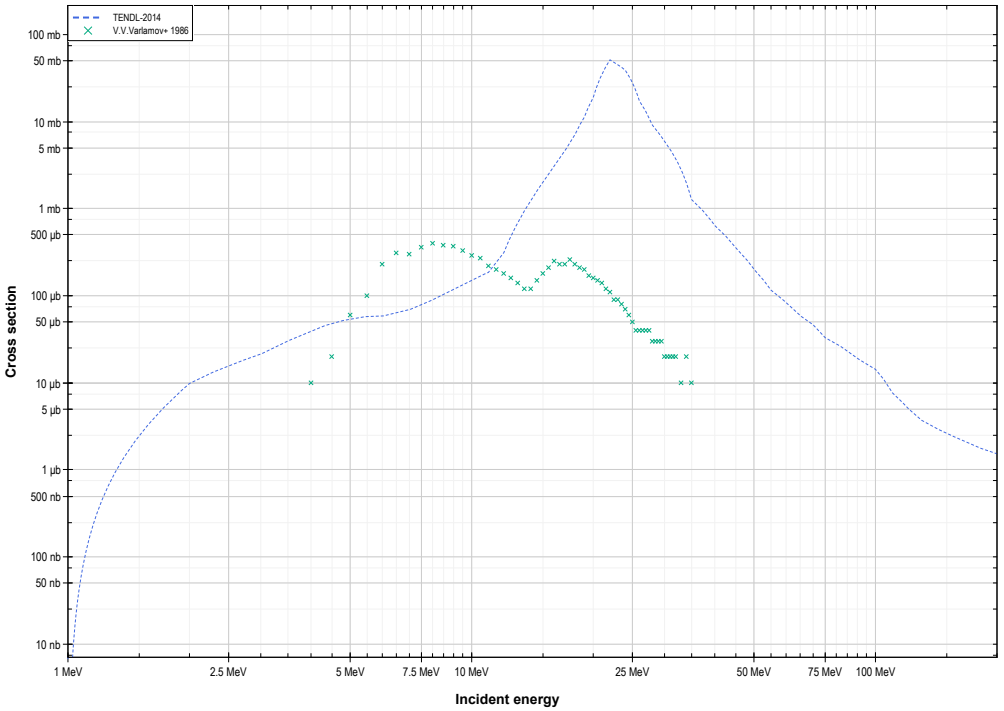
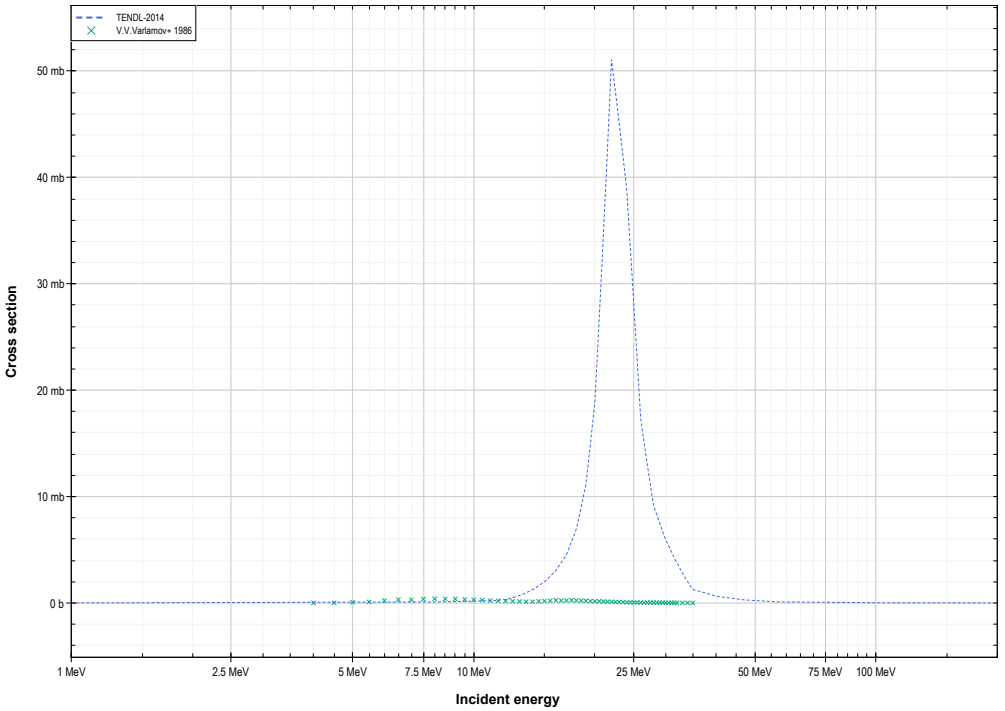
	3-Li-6	6-C-12 >>
	MT28 (γ,n+p) or MT5 (He4 production)	MT41 (γ,2n+p) >>

Li6 (γ,n+p) log-log



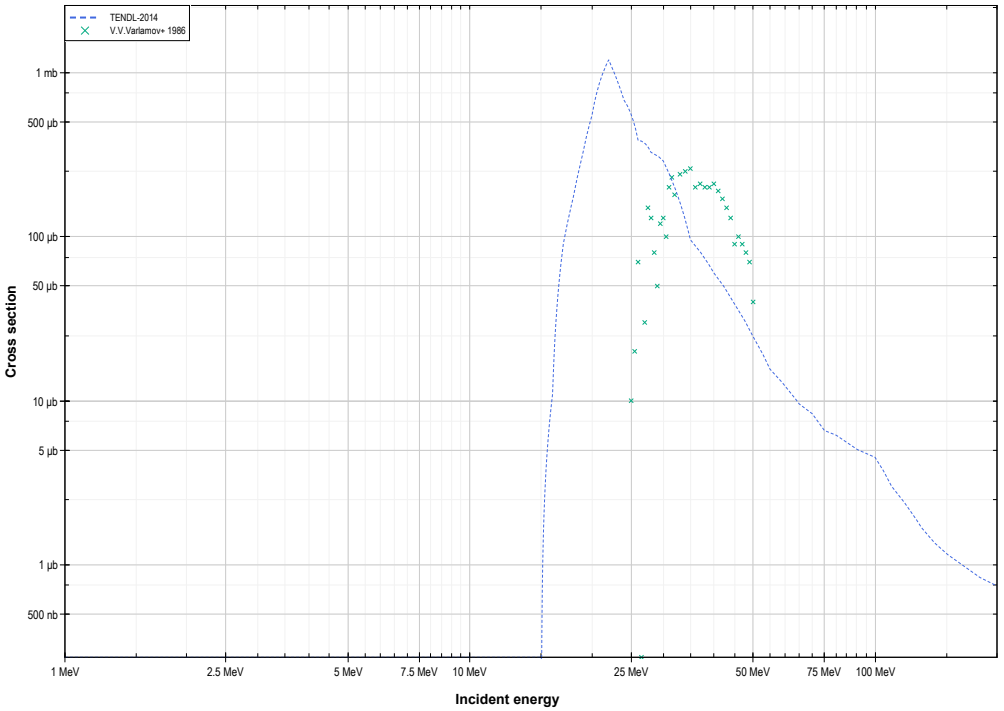
Li6 (γ,n+p) lin-log



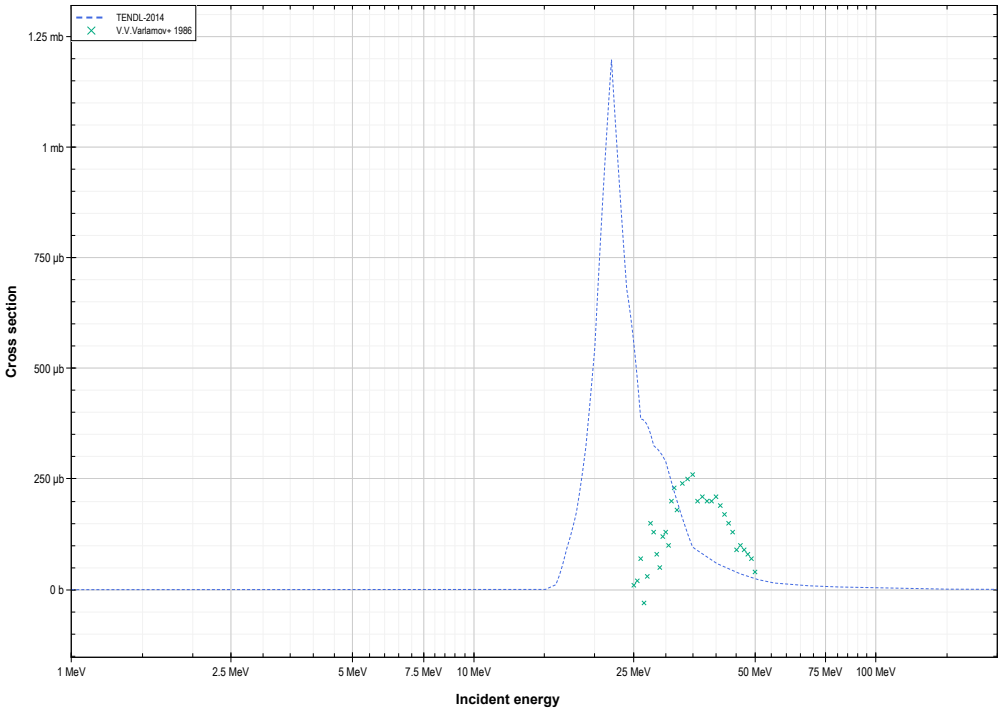
Reaction	Q-Value
Li6(γ,d)He4	-1473.84 keV
Li6(γ,n+p)He4	-3698.41 keV

	3-Li-6	3-Li-7 >>
<< MT28 (γ,n+p)	**MT41 (γ,2n+p) or MT5 (He3 production)**	MT105 (γ,t) >>

Li6 (γ,2n+p) log-log



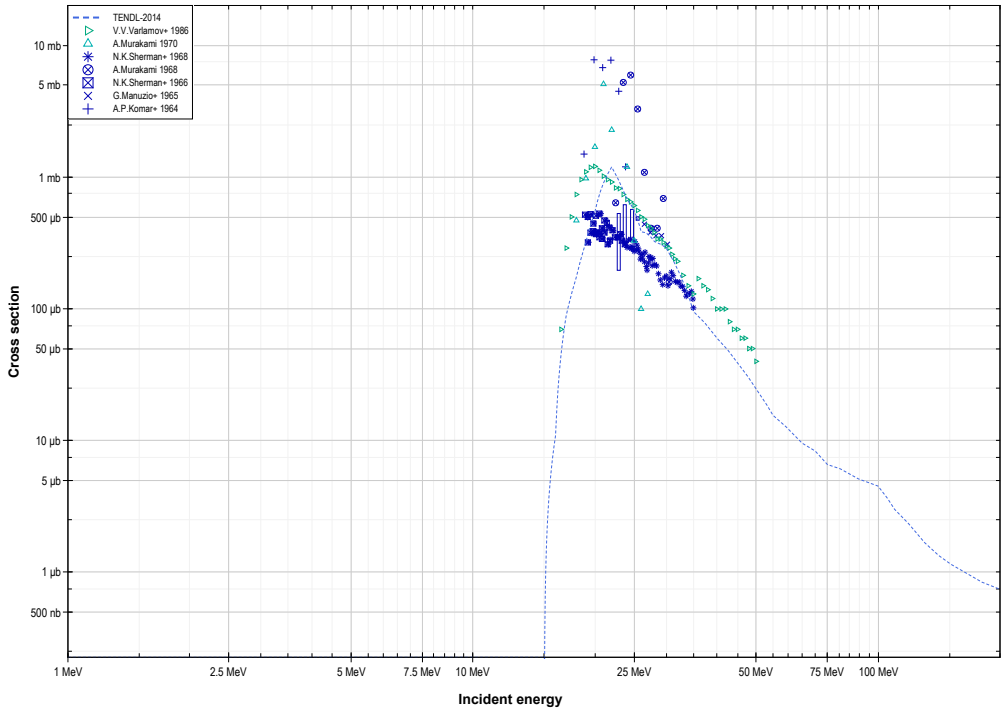
Li6 (γ,2n+p) lin-log



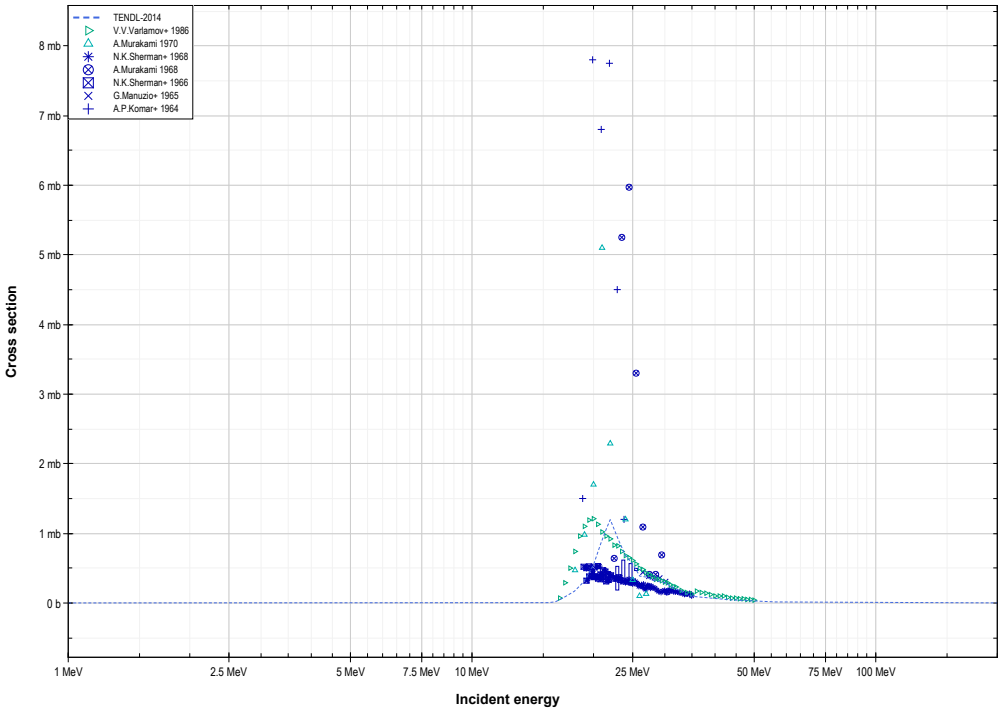
Reaction	Q-Value
Li6(γ,t)He3	-15794.23 keV
Li6(γ,n+d)He3	-22051.46 keV
Li6(γ,2n+p)He3	-24276.03 keV

	3-Li-6	3-Li-7 >>
<< MT41 (γ,2n+p)	**MT105 (γ,t) or MT5 (He3 production)**	MT115 (γ,p+d) >>

Li6 (γ,t) log-log



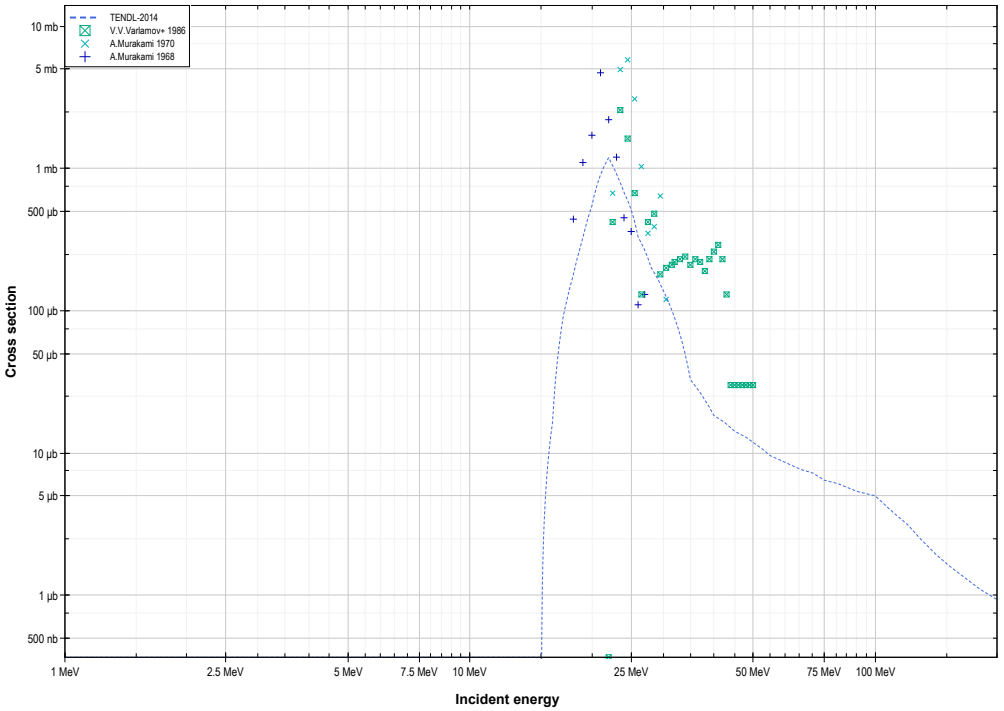
Li6 (γ,t) lin-log



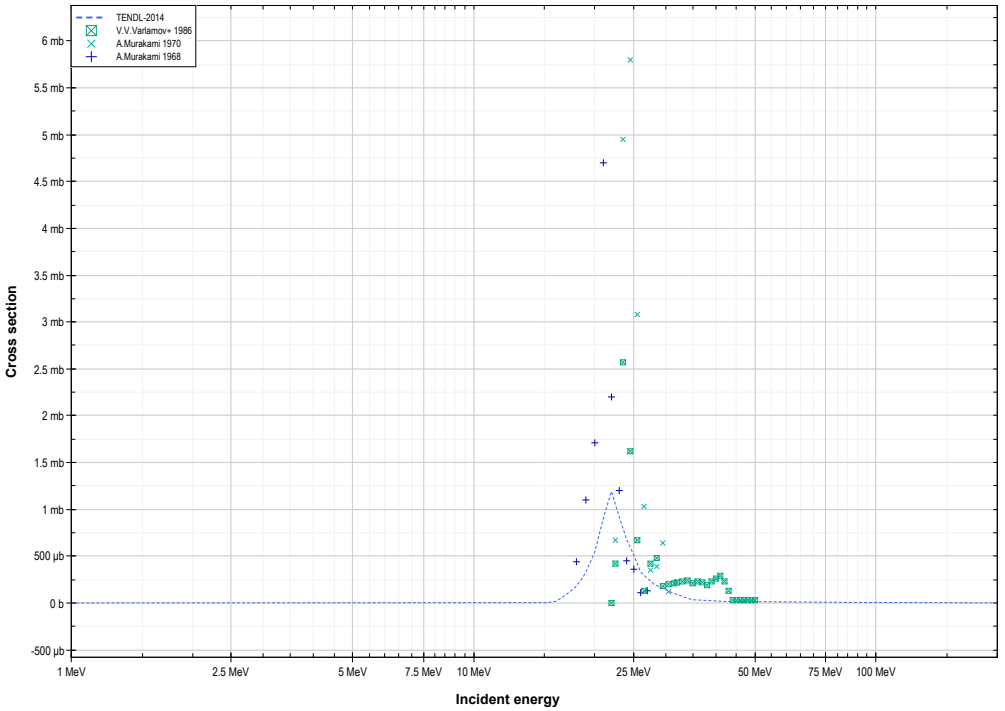
Reaction	Q-Value
Li6(γ,t)He3	-15794.23 keV
Li6(γ,n+d)He3	-22051.46 keV
Li6(γ,2n+p)He3	-24276.03 keV

	3-Li-6	
<< MT105 (γ,t)	**MT115 (γ,p+d) or MT5 (H3 production)**	3-Li-7 MT4 (γ,n) >>

Li6 (γ,p+d) log-log



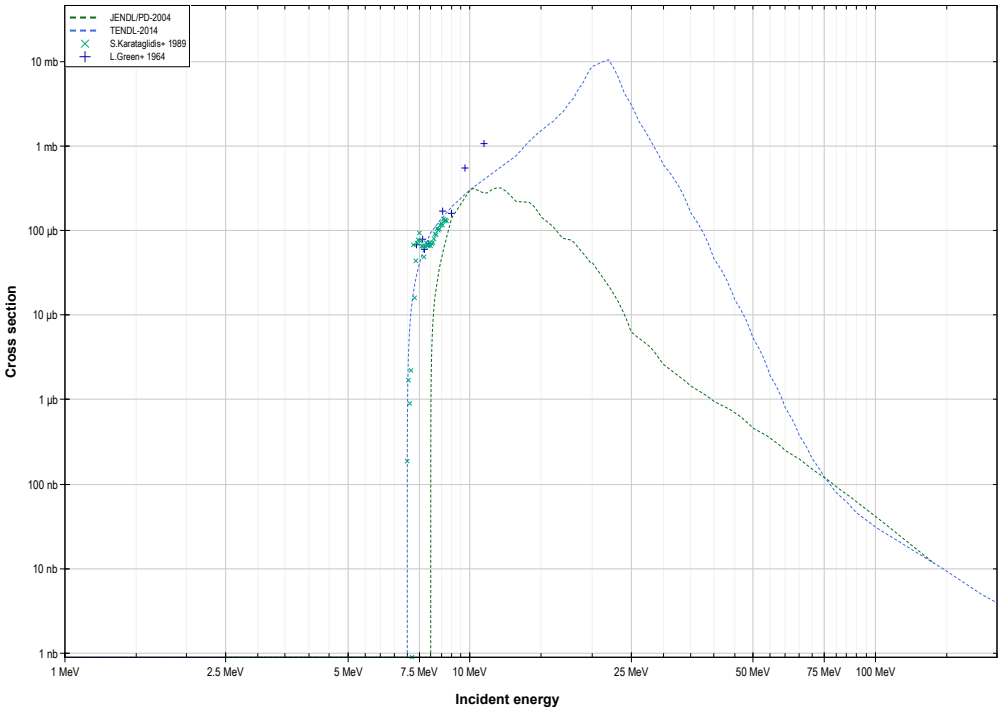
Li6 (γ,p+d) lin-log



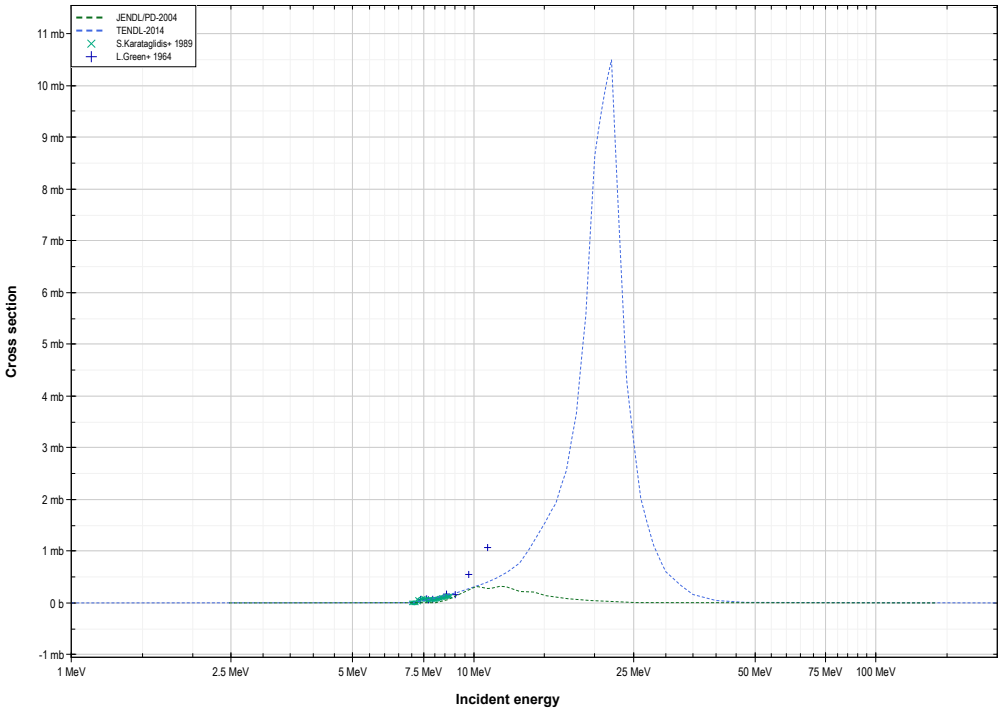
Reaction	Q-Value
Li6(γ,He3)H3	-15794.23 keV
Li6(γ,p+d)H3	-21287.71 keV
Li6(γ,n+2p)H3	-23512.27 keV

	3-Li-7	4-Be-9 >>
<< 3-Li-6 MT115 (γ,p+d)	**MT4 (γ,n) or MT5 (Li6 production)**	MT32 (γ,n+d) >>

Li7 (γ,n) log-log



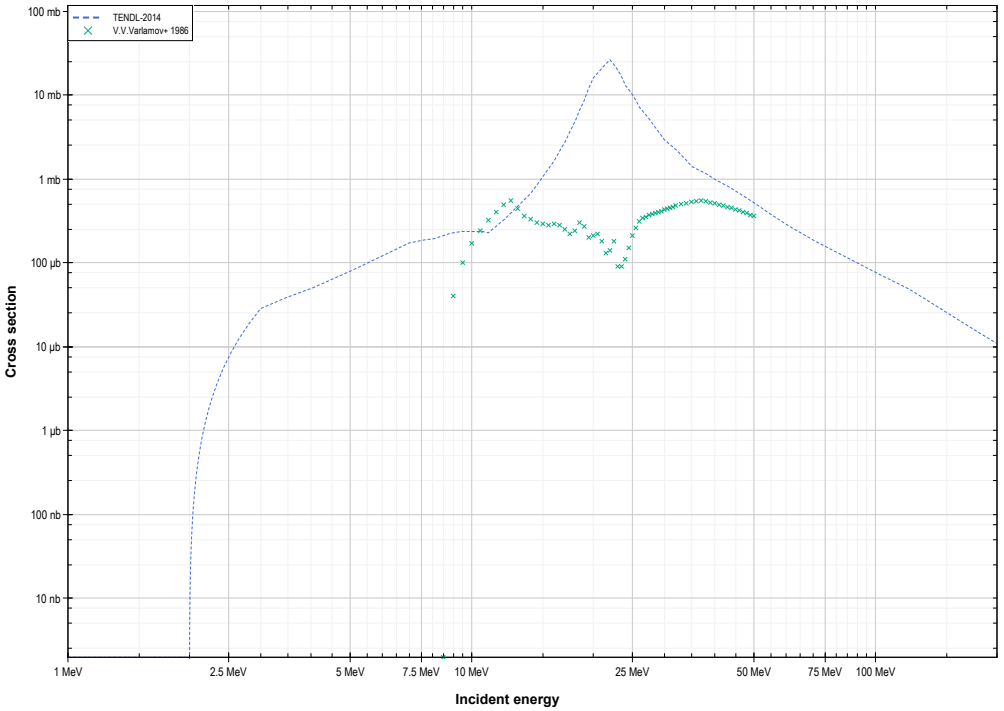
Li7 (γ,n) lin-log



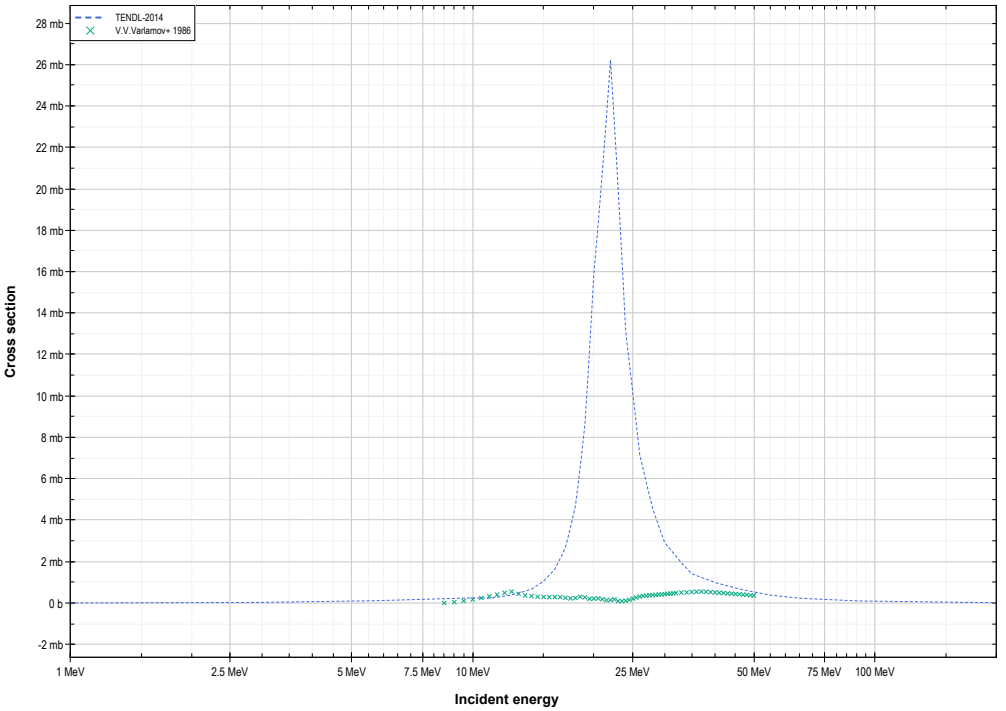
Reaction	Q-Value
Li7(γ,n)Li6	-7249.97 keV

	3-Li-7	
<< MT4 (γ,n)	**MT32 (γ,n+d) or MT5 (He4 production)**	MT41 (γ,2n+p) >>

Li7 (γ,n+d) log-log



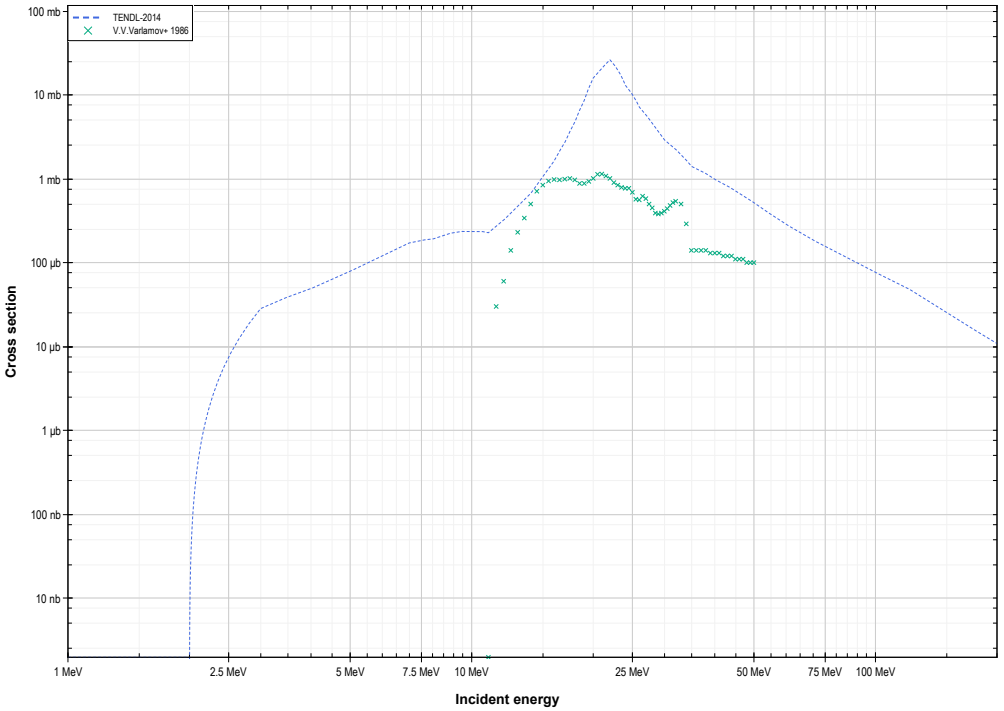
Li7 (γ,n+d) lin-log



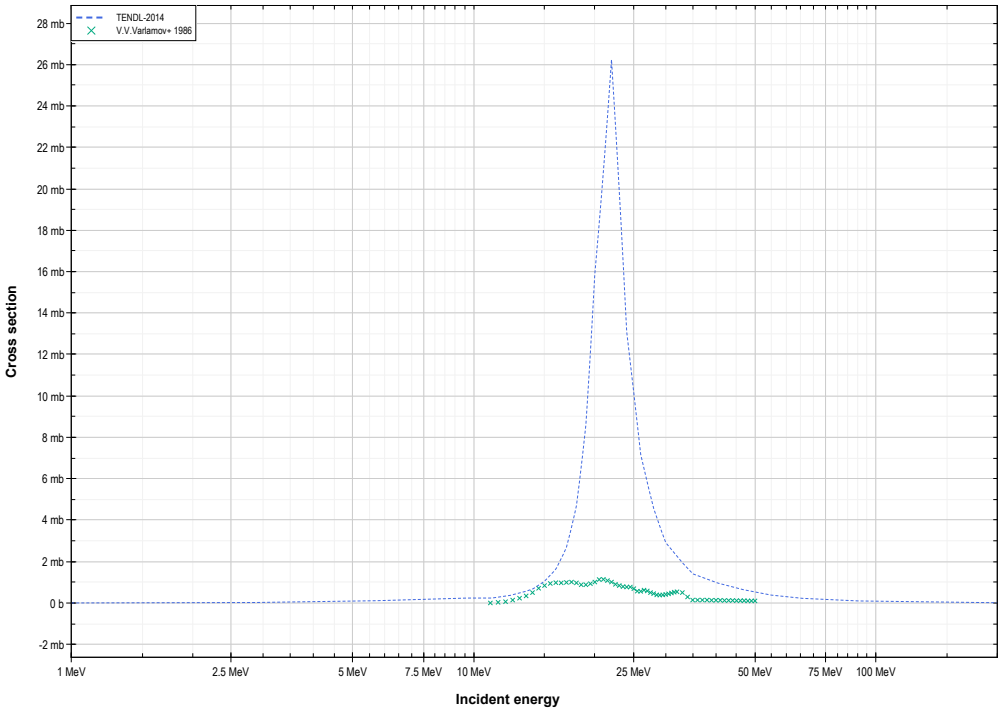
Reaction	Q-Value
Li7(γ,t)He4	-2466.58 keV
Li7(γ,n+d)He4	-8723.81 keV
Li7(γ,2n+p)He4	-10948.38 keV

<< 3-Li-6	**3-Li-7**	
<< MT32 (γ,n+d)	**MT41 (γ,2n+p) or MT5 (He4 production)**	MT105 (γ,t) >>

Li7 (γ,2n+p) log-log



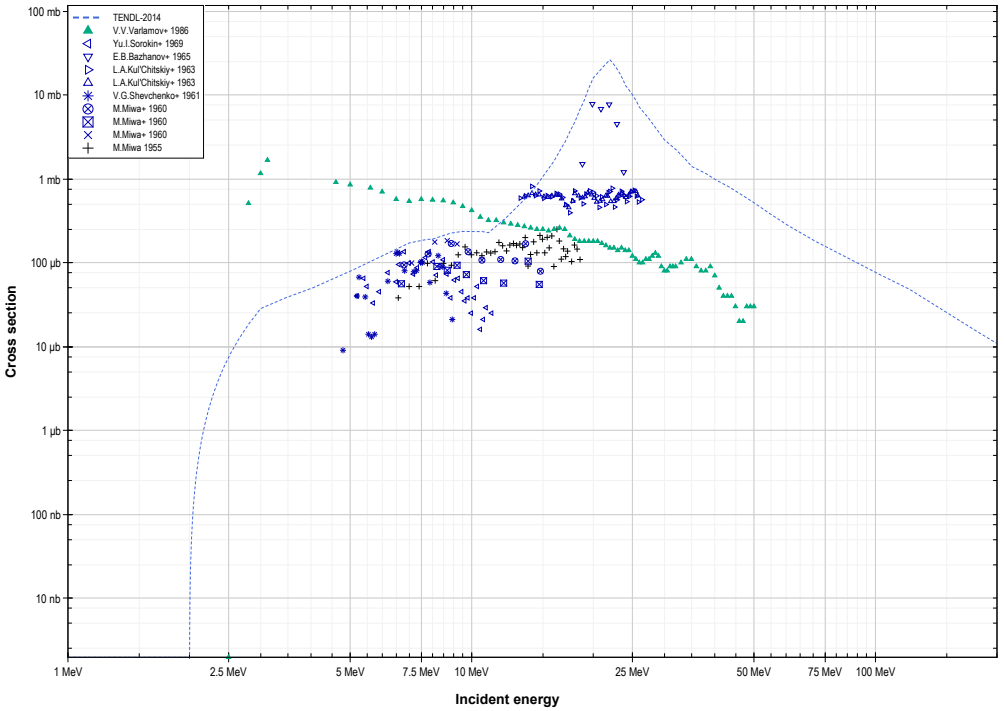
Li7 (γ,2n+p) lin-log



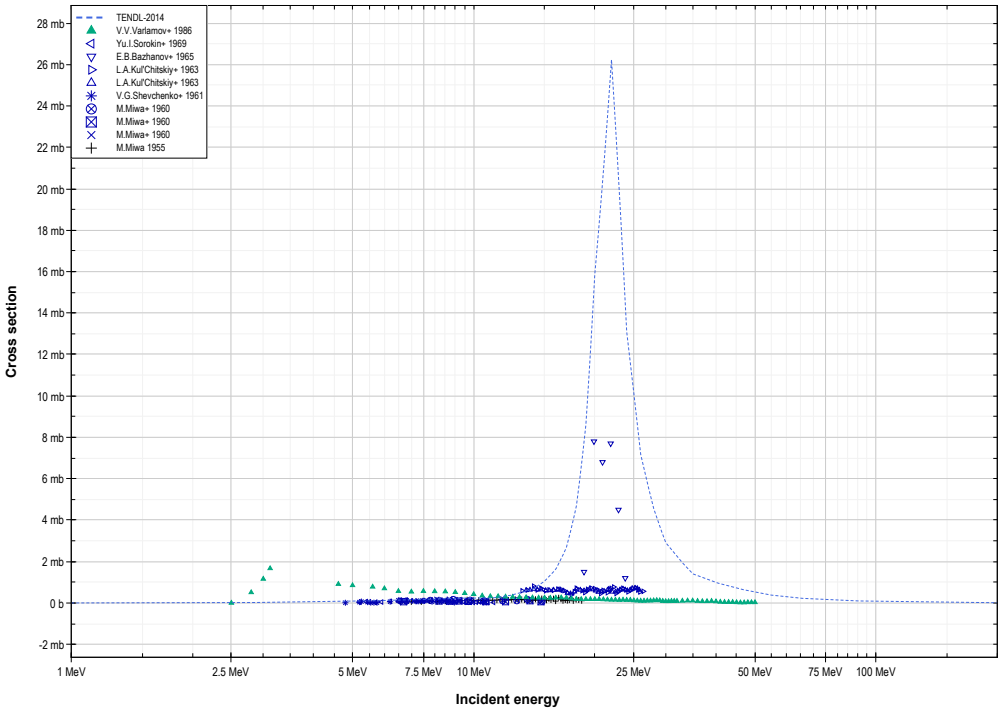
Reaction	Q-Value
Li7(γ,t)He4	-2466.58 keV
Li7(γ,n+d)He4	-8723.81 keV
Li7(γ,2n+p)He4	-10948.38 keV

<< 3-Li-6	**3-Li-7**	
<< MT41 (γ,2n+p)	**MT105 (γ,t) or MT5 (He4 production)**	MT116 (γ,p+t) >>

Li7 (γ,t) log-log



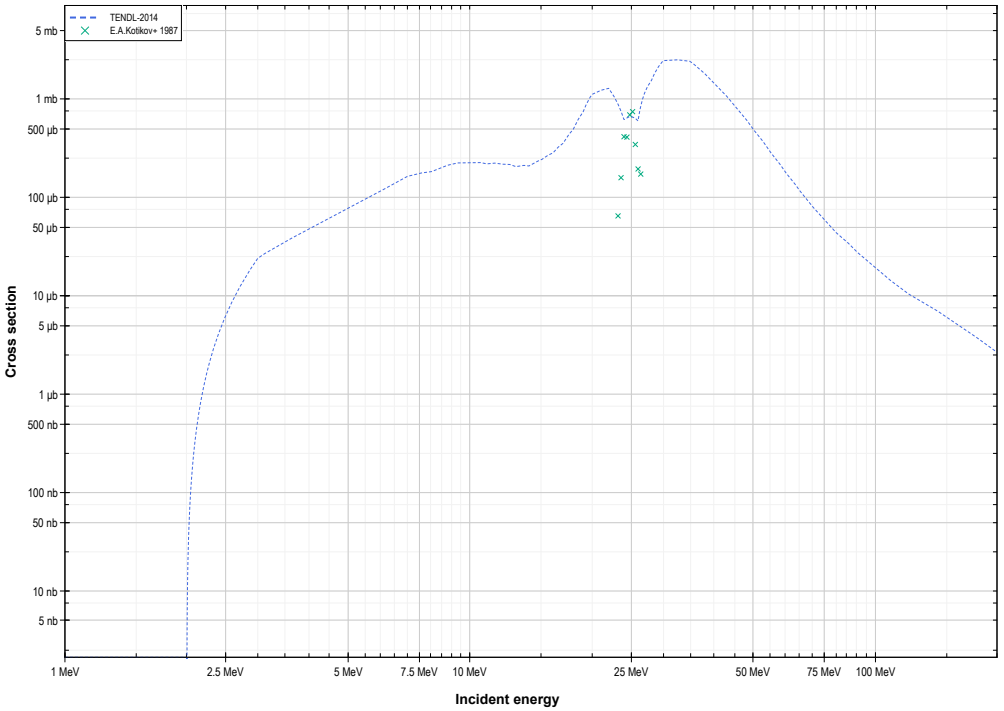
Li7 (γ,t) lin-log



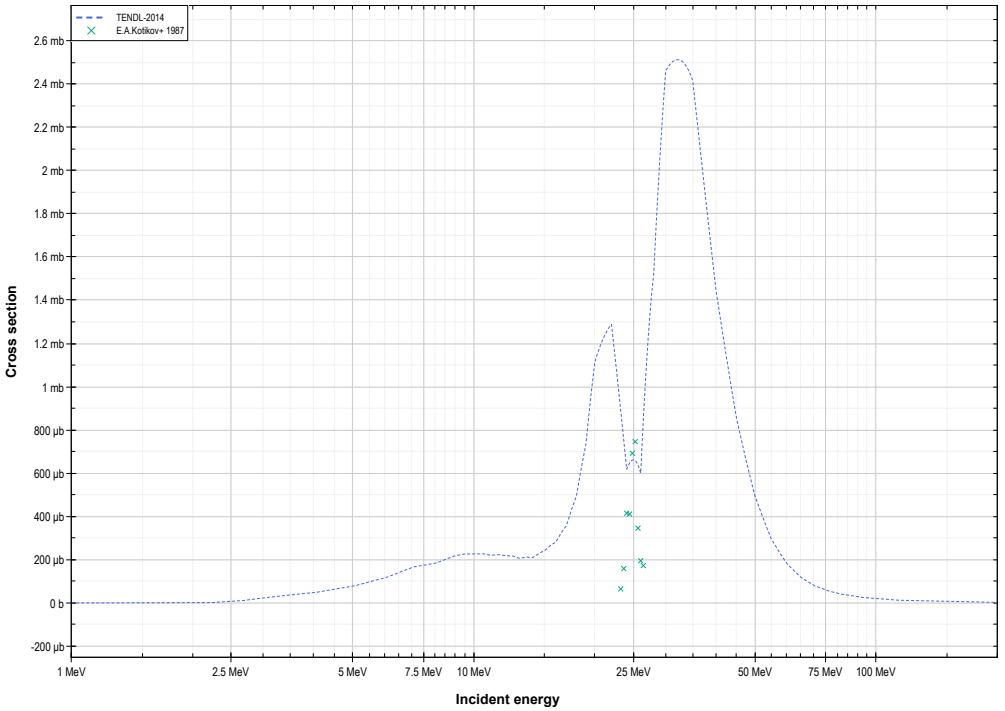
Reaction	Q-Value
Li7(γ,t)He4	-2466.58 keV
Li7(γ,n+d)He4	-8723.81 keV
Li7(γ,2n+p)He4	-10948.38 keV

	3-Li-7	
<< MT105 (γ,t)	**MT116 (γ,p+t) or MT5 (H3 production)**	4-Be-9 MT4 (γ,n) >>

Li7 (γ,p+t) log-log



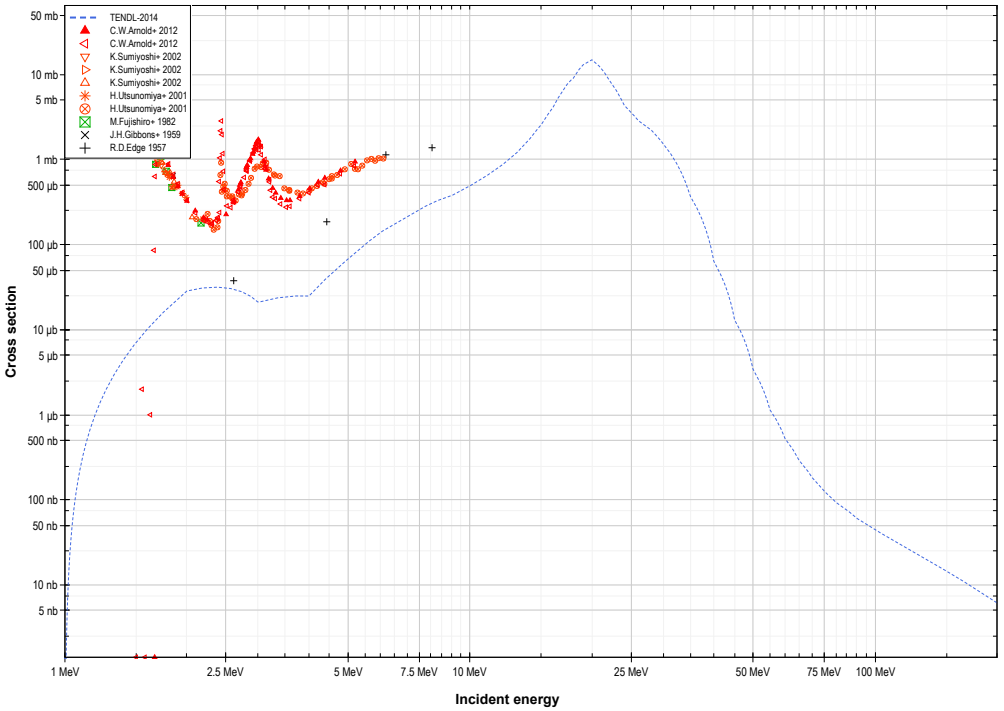
Li7 (γ,p+t) lin-log



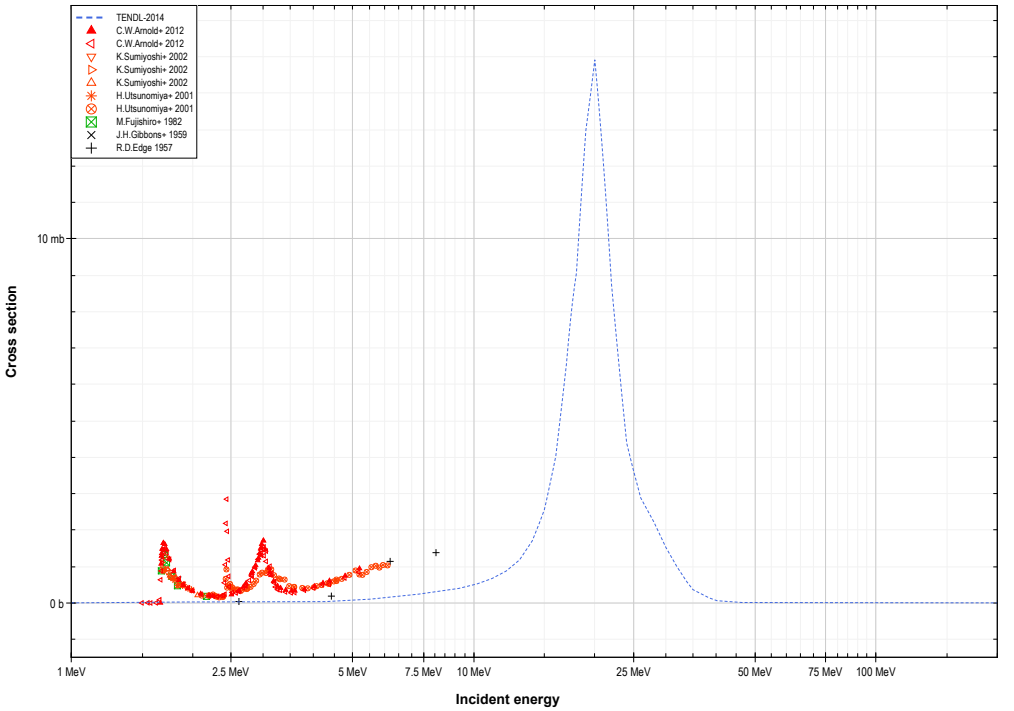
Reaction	Q-Value
Li7(γ,α)H3	-2466.58 keV
Li7(γ,p+t)H3	-22280.44 keV
Li7(γ,n+He3)H3	-23044.20 keV
Li7(γ,2d)H3	-26313.11 keV
Li7(γ,n+p+d)H3	-28537.68 keV
Li7(γ,2n+2p)H3	-30762.24 keV

<< 3-Li-7	**4-Be-9**	5-B-10 >>
<< 3-Li-7 MT116 (γ,p+t)	**MT4 (γ,n) or MT5 (Be8 production)**	MT22 (γ,n+α) >>

Be9 (γ,n) log-log



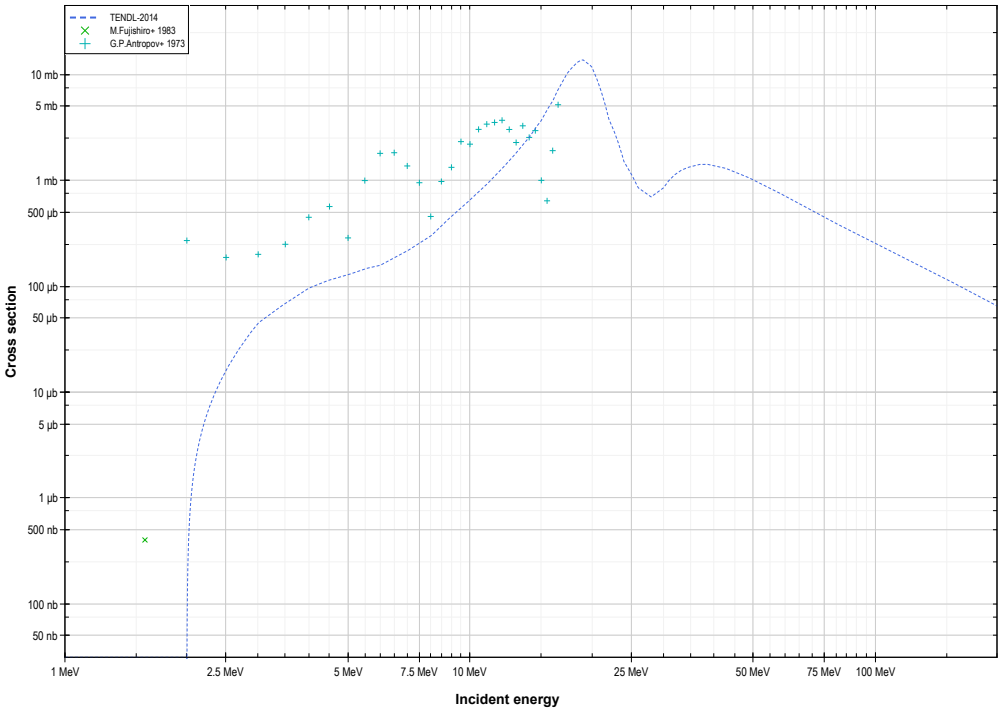
Be9 (γ,n) lin-log



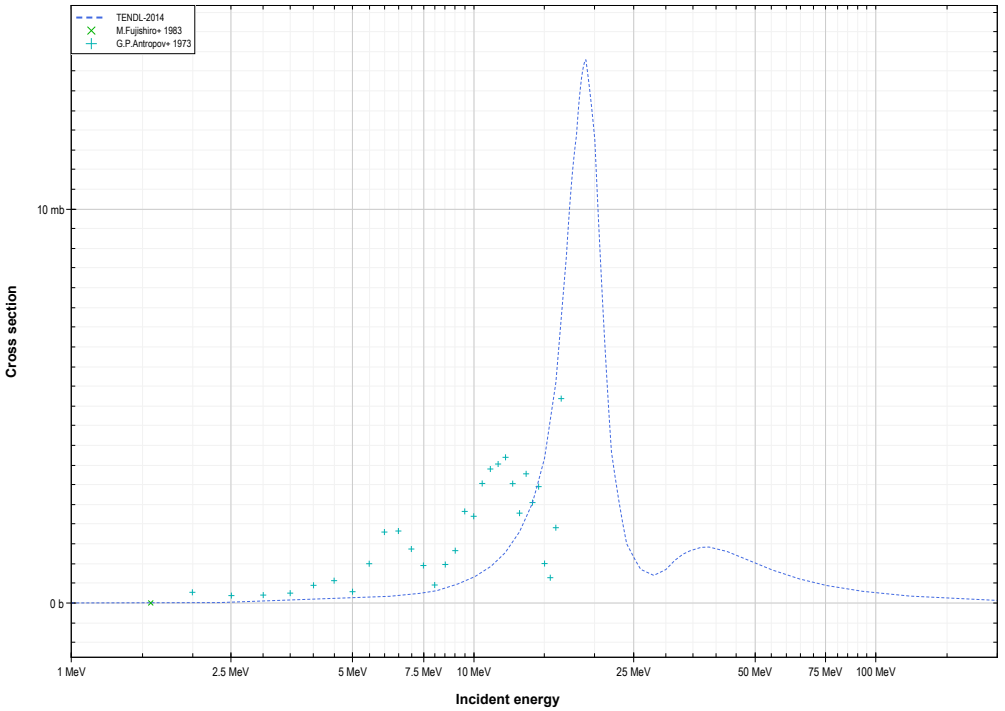
Reaction	Q-Value
Be9(γ,n)Be8	-1665.39 keV

	4-Be-9	6-C-12 >>
<< MT4 (γ,n)	**MT22 (γ,n+α) or MT5 (He4 production)**	MT103 (γ,p) >>

Be9 (γ,n+α) log-log



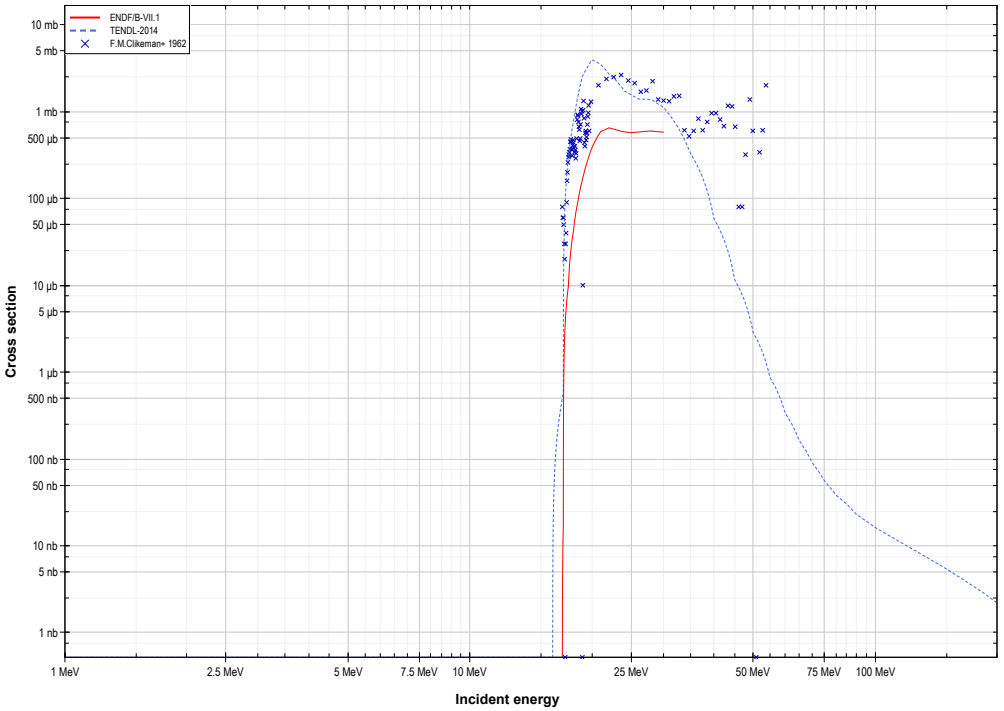
Be9 (γ,n+α) lin-log



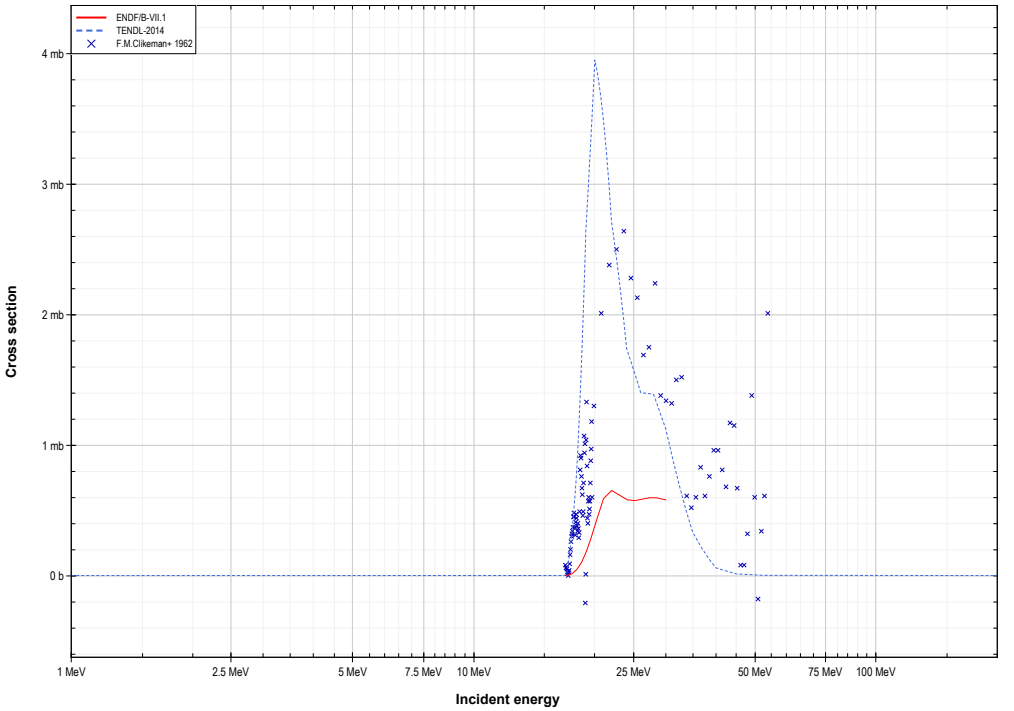
Reaction	Q-Value
Be9(γ,n+α)He4	-1573.55 keV
Be9(γ,d+t)He4	-19162.84 keV
Be9(γ,n+p+t)He4	-21387.41 keV
Be9(γ,2n+He3)He4	-22151.16 keV
Be9(γ,n+2d)He4	-25420.08 keV
Be9(γ,2n+p+d)He4	-27644.64 keV
Be9(γ,3n+2p)He4	-29869.21 keV

	4-Be-9	5-B-11 >>
<< MT22 (γ,n+α)	**MT103 (γ,p) or MT5 (Li8 production)**	5-B-10 MT4 (γ,n) >>

Be9 (γ,p) log-log



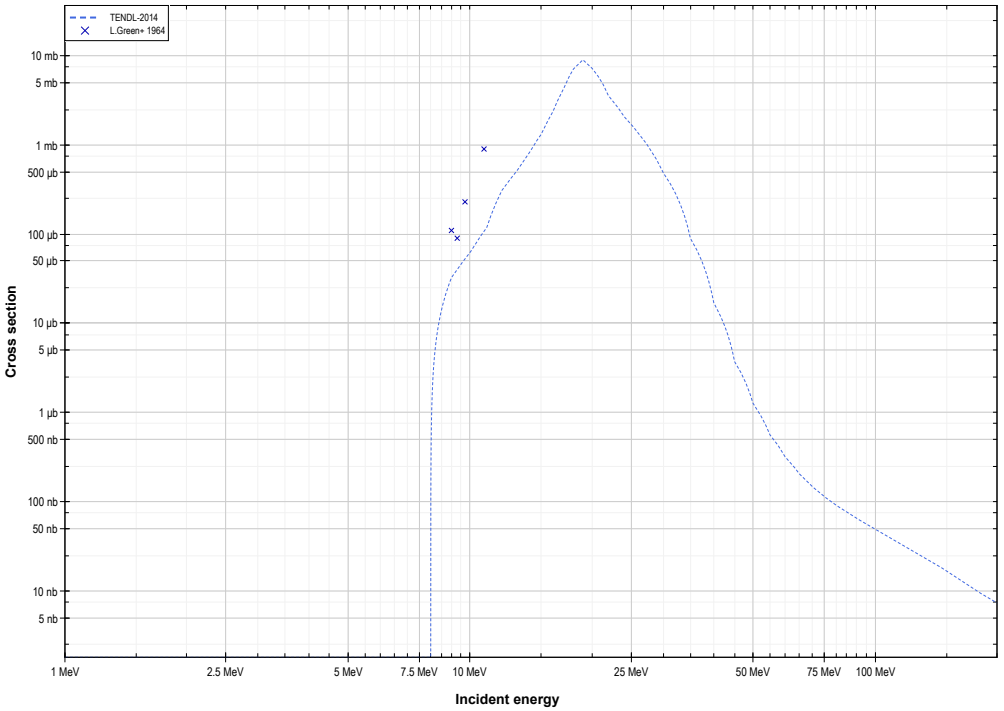
Be9 (γ,p) lin-log



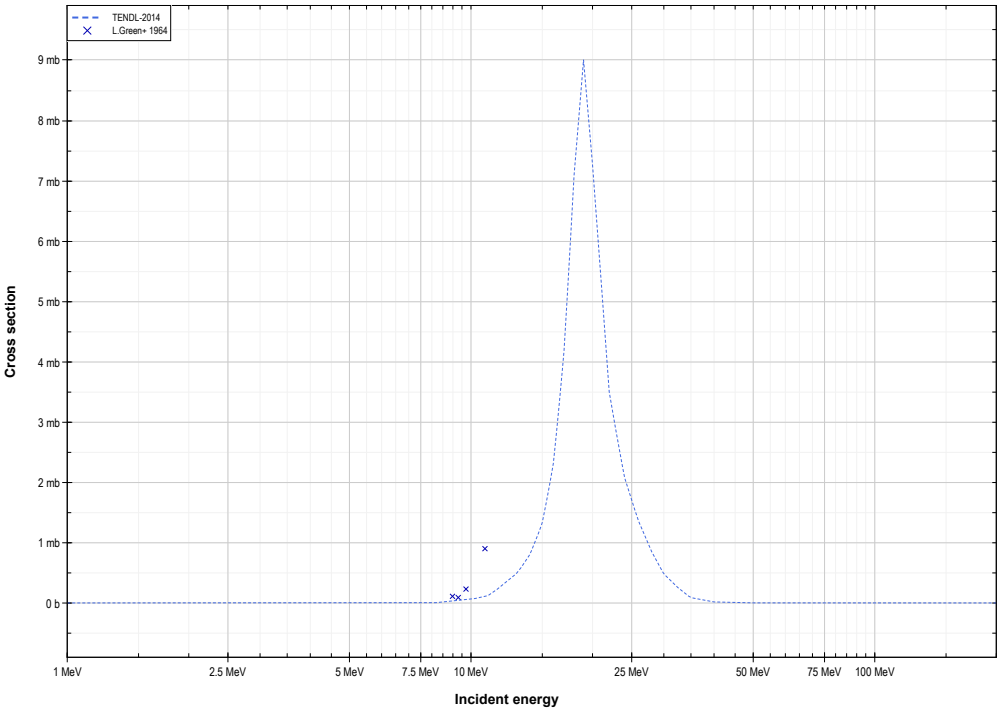
Reaction	Q-Value
Be9(γ,p)Li8	-16888.21 keV

<< 4-Be-9	**5-B-10**	6-C-12 >>
<< 4-Be-9 MT103 (γ,p)	**MT4 (γ,n) or MT5 (B9 production)**	5-B-11 MT16 (γ,2n) >>

B10 (γ,n) log-log



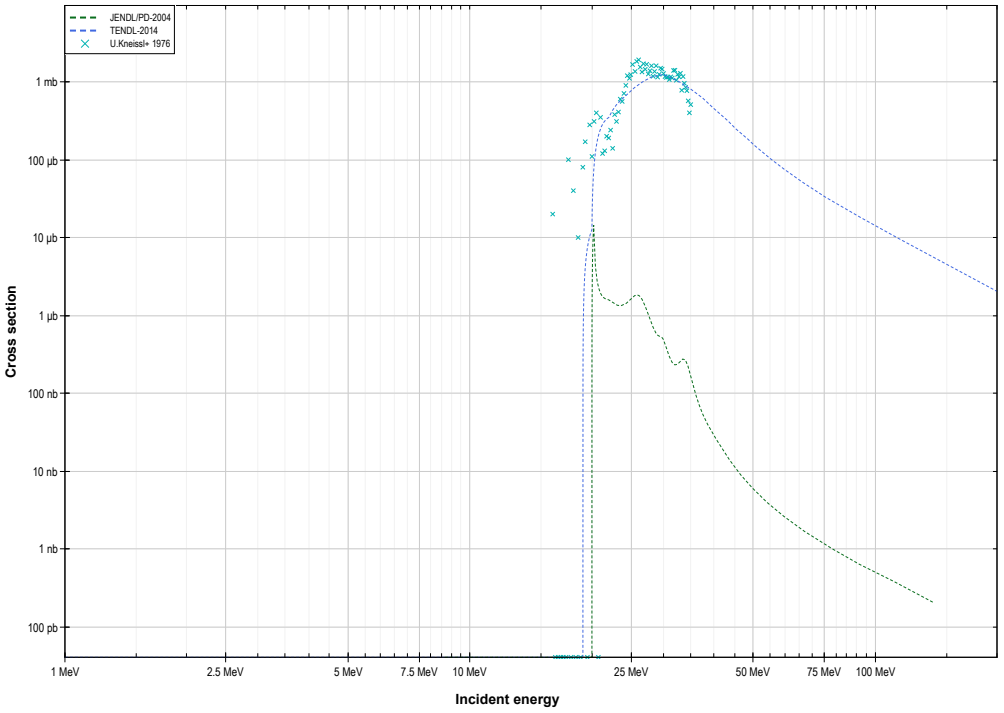
B10 (γ,n) lin-log



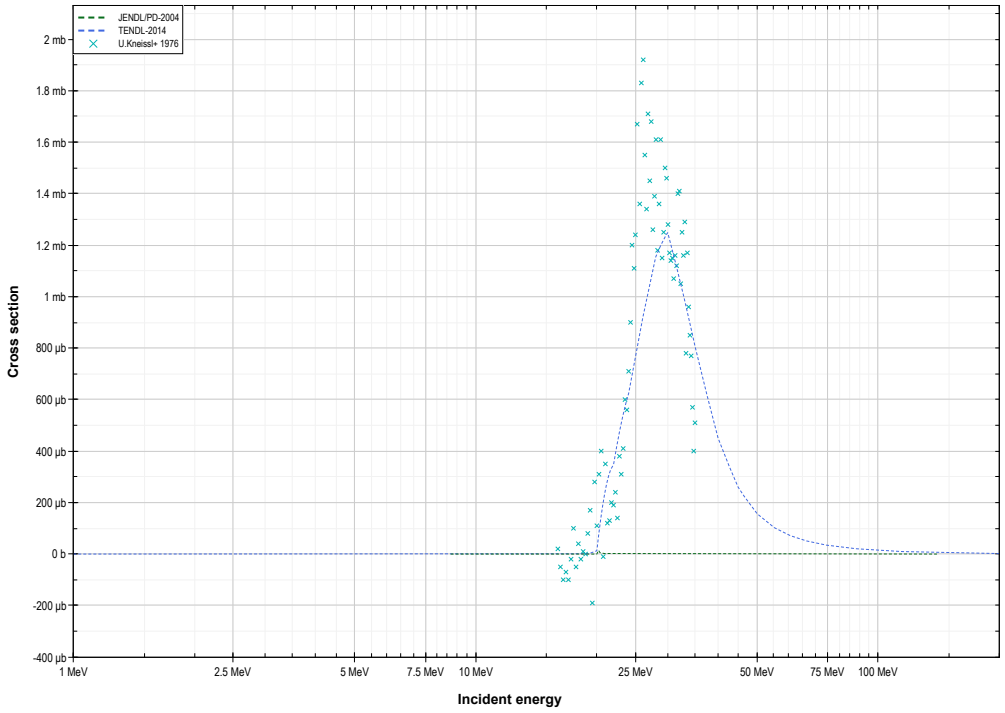
Reaction	Q-Value
B10(γ,n)B9	-8436.32 keV

	5-B-11	6-C-12 >>
<< 5-B-10 MT4 (γ,n)	**MT16 (γ,2n) or MT5 (B9 production)**	MT103 (γ,p) >>

B11 (γ,2n) log-log



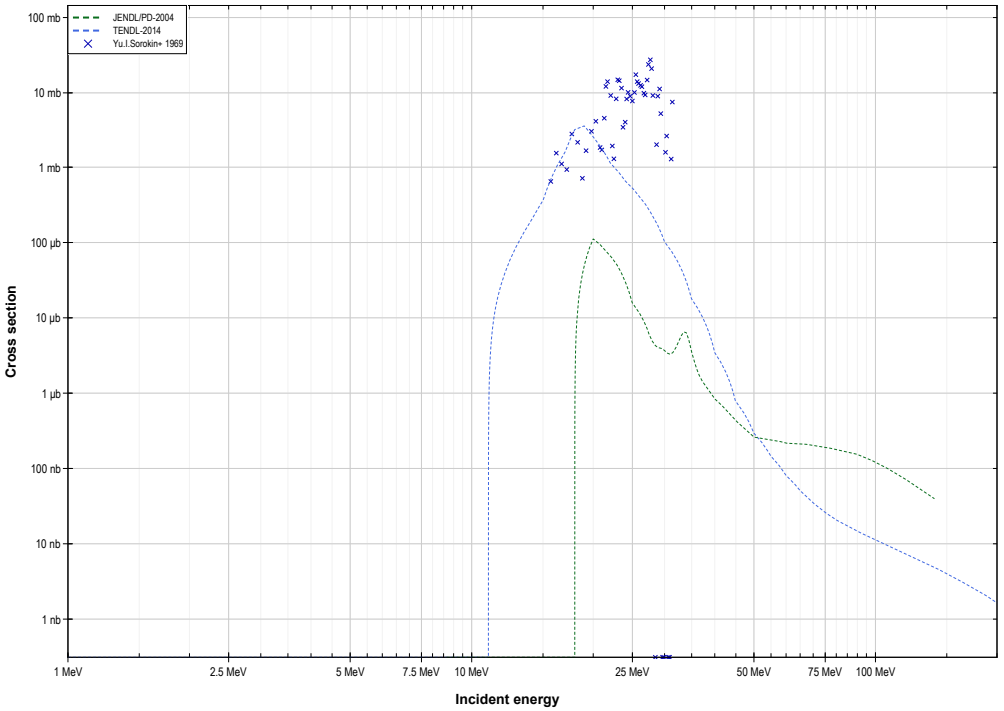
B11 (γ,2n) lin-log



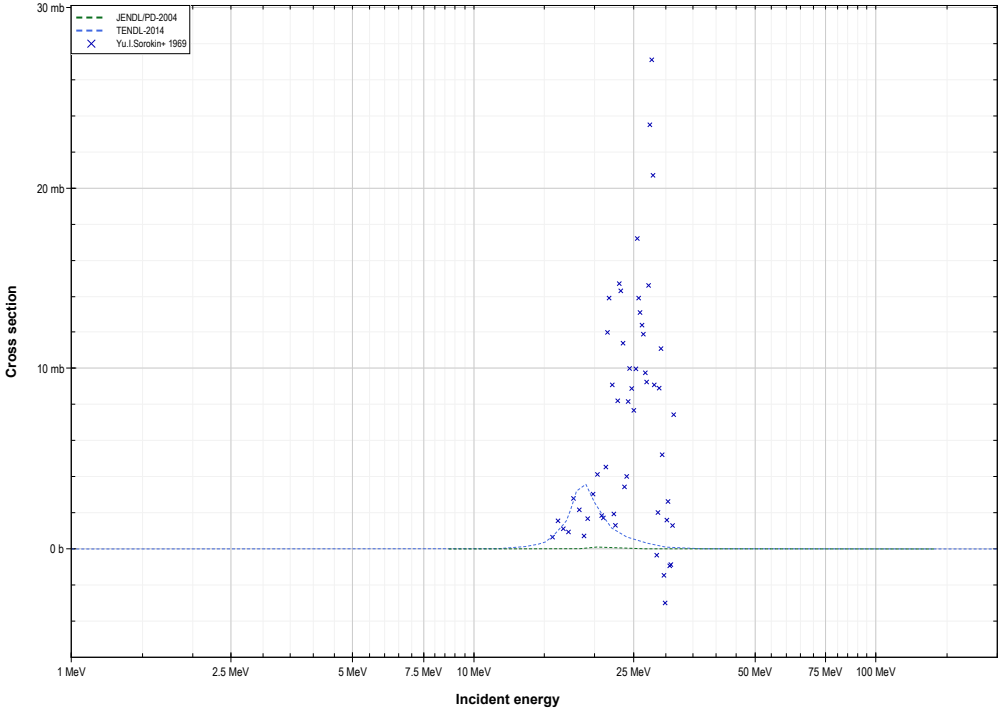
Reaction	Q-Value
B11(γ,2n)B9	-19890.43 keV

<< 4-Be-9	**5-B-11**	6-C-12 >>
<< MT16 (γ,2n)	**MT103 (γ,p) or MT5 (Be10 production)**	6-C-12 MT4 (γ,n) >>

B11 (γ,p) log-log



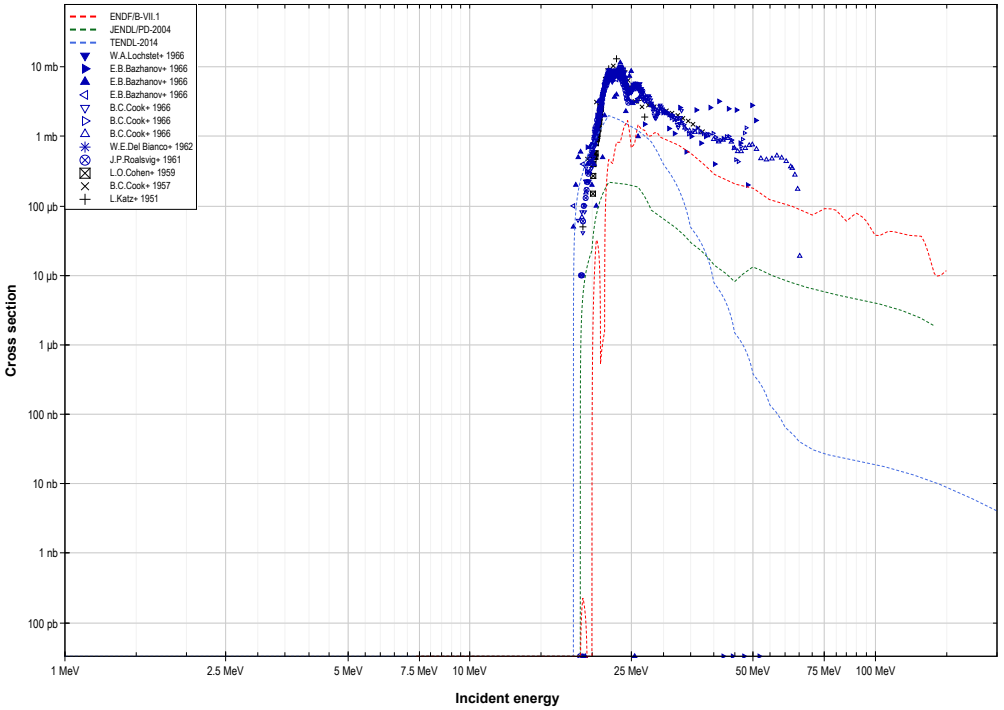
B11 (γ,p) lin-log



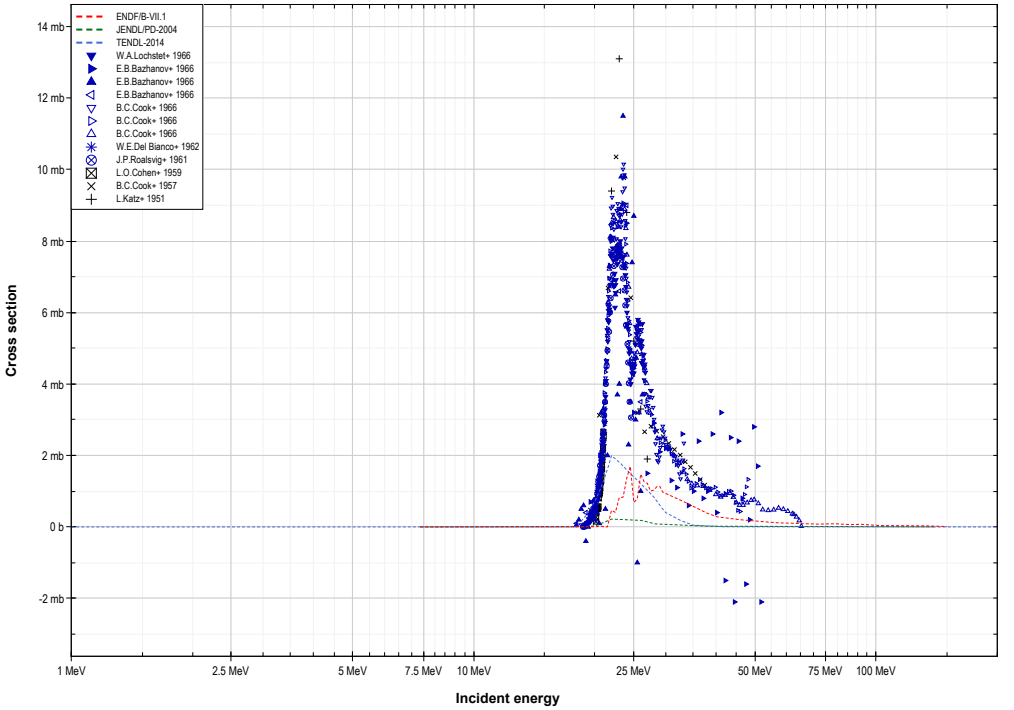
Reaction	Q-Value
B11(γ,p)Be10	-11227.77 keV

<< 5-B-10	**6-C-12**	6-C-13 >>
<< 5-B-11 MT103 (γ,p)	**MT4 (γ,n) or MT5 (C11 production)**	MT16 (γ,2n) >>

C12 (γ,n) log-log



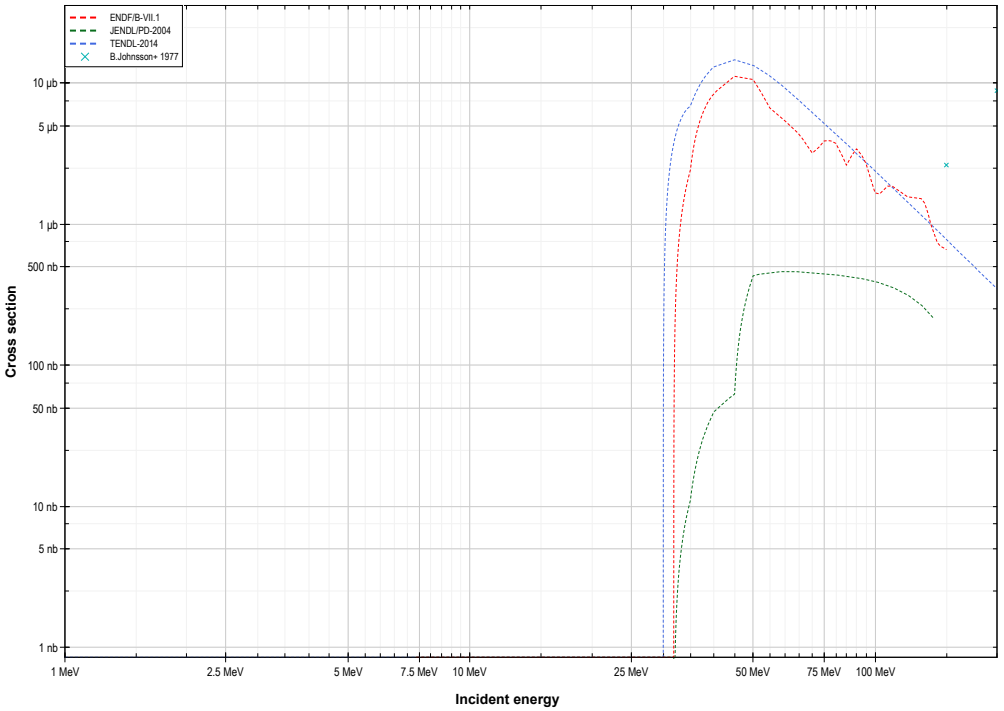
C12 (γ,n) lin-log



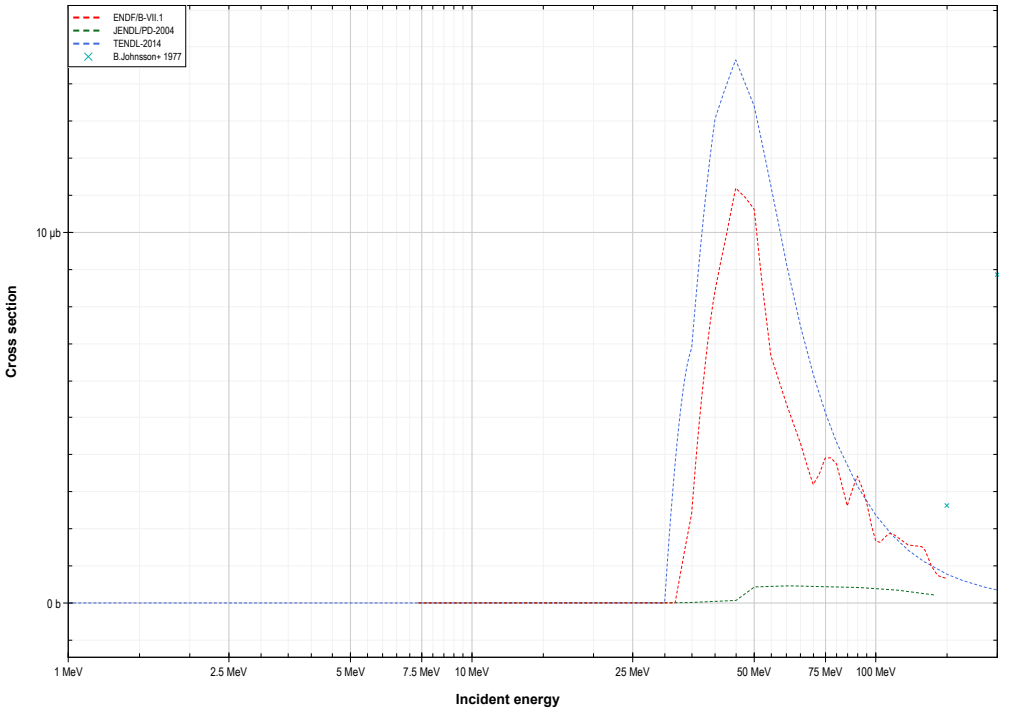
Reaction	Q-Value
C12(γ,n)C11	-18721.62 keV

<< 5-B-11	**6-C-12**	6-C-14 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (C10 production)**	MT22 (γ,n+α) >>

C12 (γ,2n) log-log



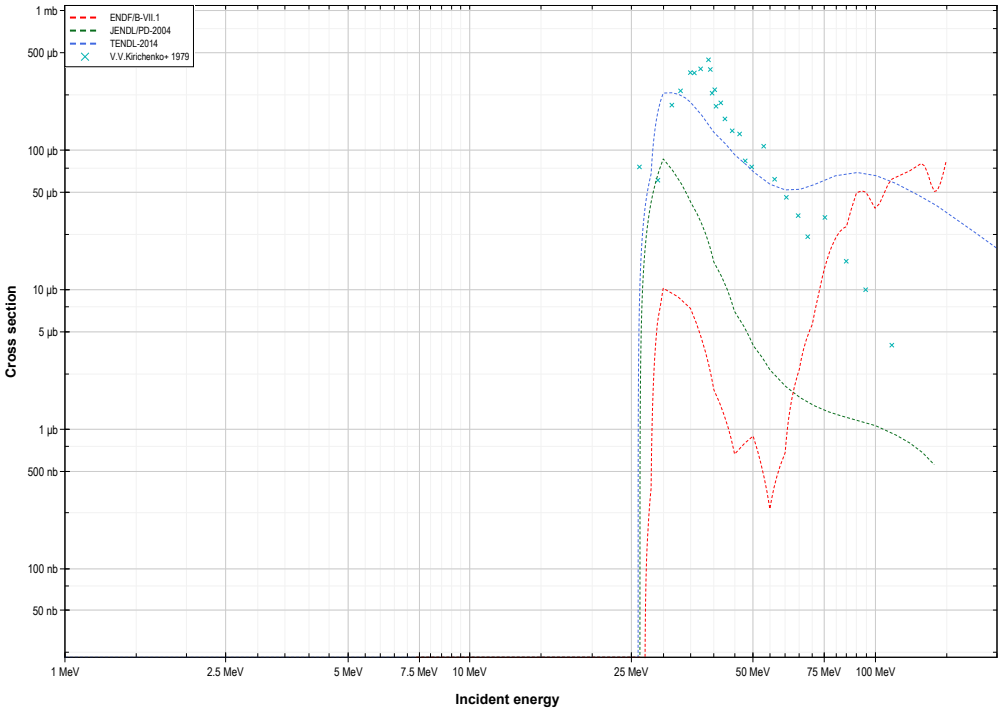
C12 (γ,2n) lin-log



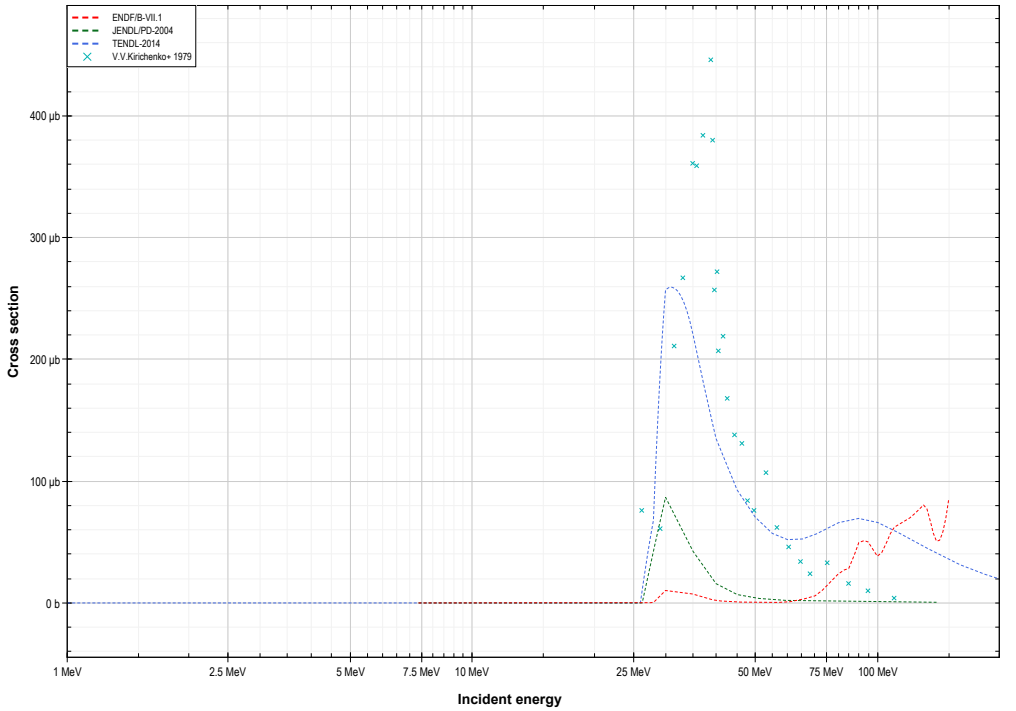
Reaction	Q-Value
C12(γ,2n)C10	-31841.33 keV

<< 4-Be-9	**6-C-12**	
<< MT16 (γ,2n)	**MT22 (γ,n+α) or MT5 (Be7 production)**	MT28 (γ,n+p) >>

C12 (γ,n+α) log-log



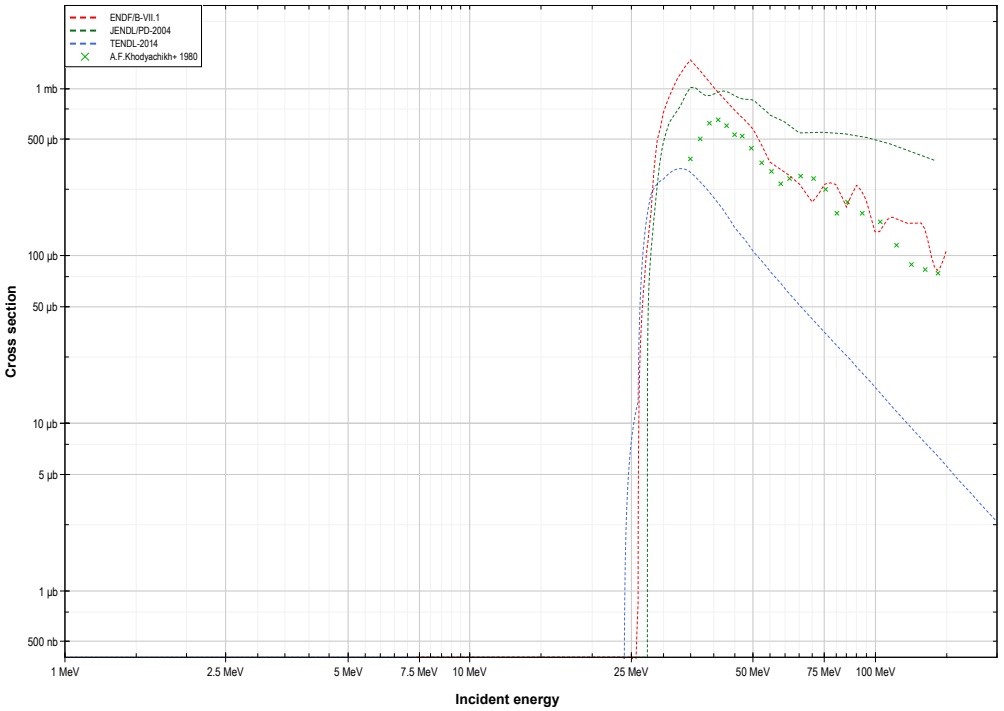
C12 (γ,n+α) lin-log



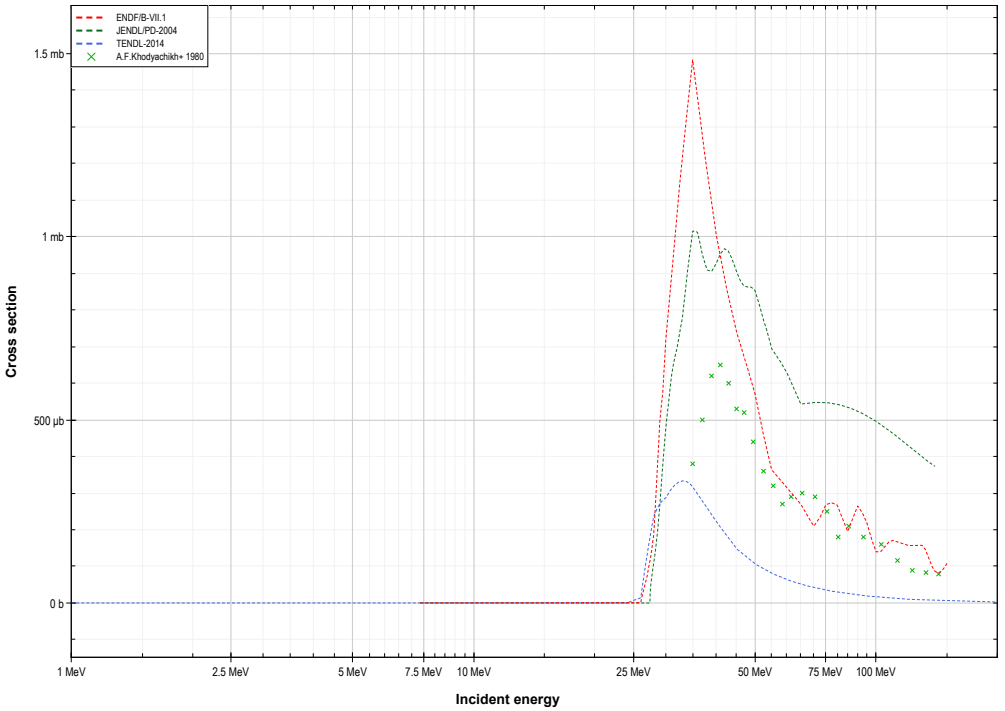
Reaction	Q-Value
C12(γ,n+α)Be7	-26266.26 keV
C12(γ,d+t)Be7	-43855.56 keV
C12(γ,n+p+t)Be7	-46080.12 keV
C12(γ,2n+He3)Be7	-46843.88 keV
C12(γ,n+2d)Be7	-50112.79 keV
C12(γ,2n+p+d)Be7	-52337.36 keV
C12(γ,3n+2p)Be7	-54561.92 keV

<< 3-Li-6	**6-C-12**	7-N-14 >>
<< MT22 (γ,n+α)	**MT28 (γ,n+p) or MT5 (B10 production)**	MT45 (γ,n+p+α) >>

C12 (γ,n+p) log-log



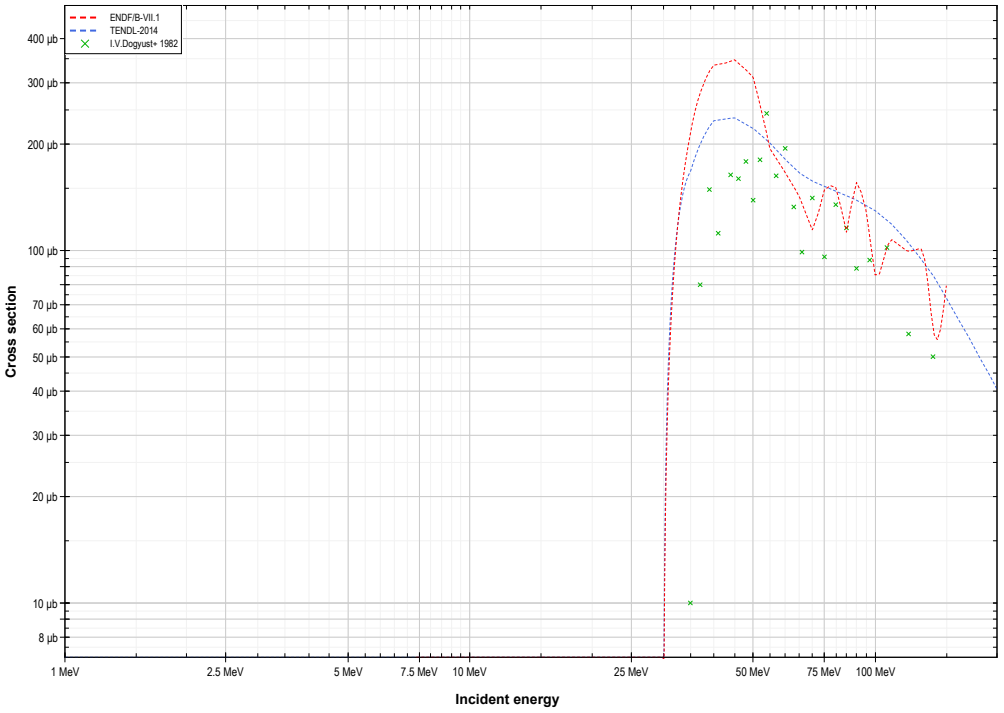
C12 (γ,n+p) lin-log



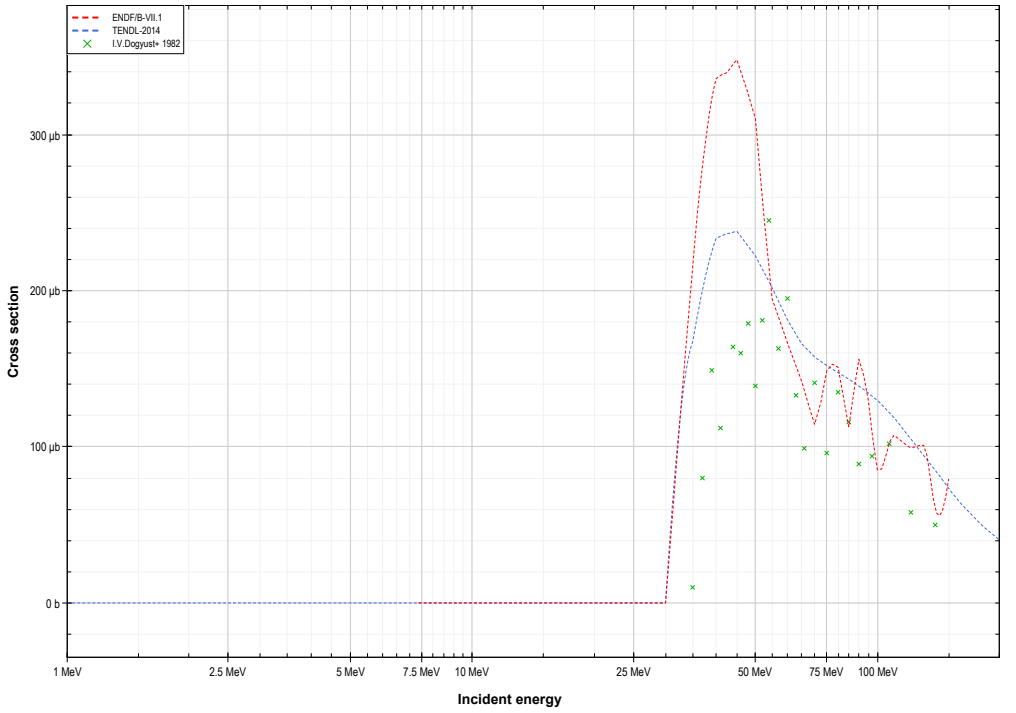
Reaction	Q-Value
C12(γ,d)B10	-25186.42 keV
C12(γ,n+p)B10	-27410.99 keV

	6-C-12	
<< MT28 (γ,n+p)	**MT45 (γ,n+p+α) or MT5 (Li6 production)**	MT103 (γ,p) >>

C12 (γ,n+p+α) log-log



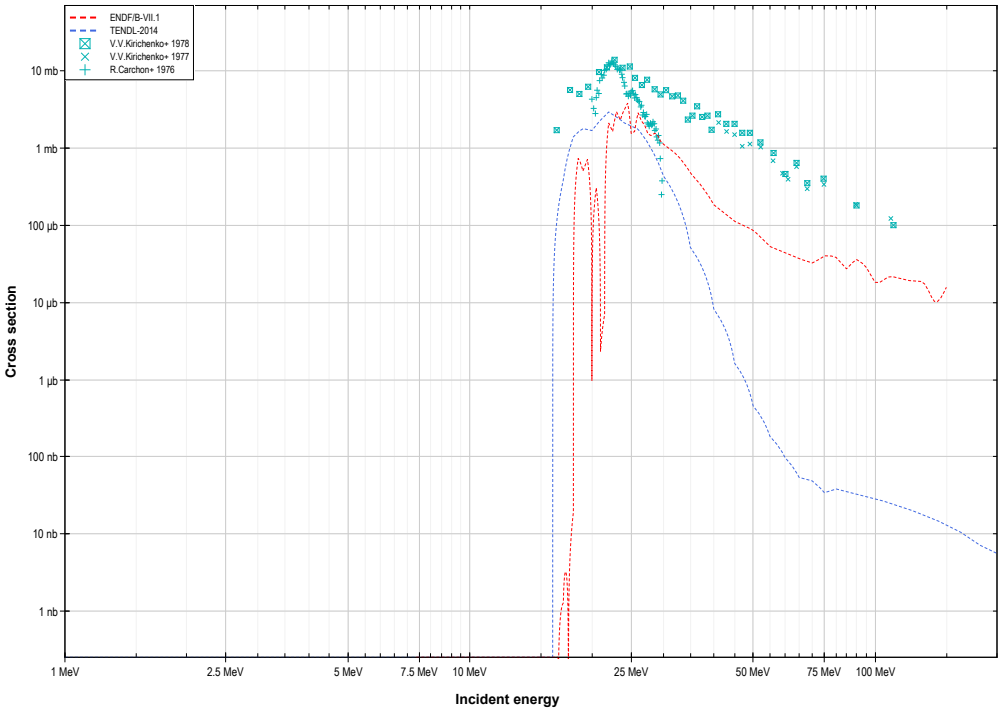
C12 (γ,n+p+α) lin-log



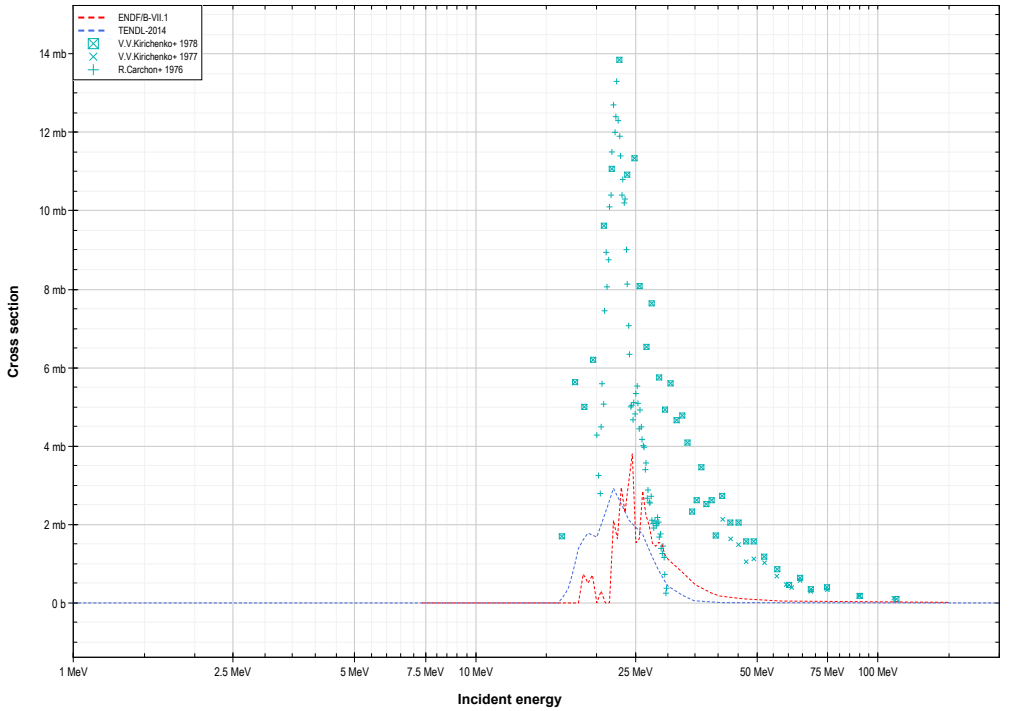
Reaction	Q-Value	Reaction	Q-Value
C12(γ,d+α)Li6	-29647.43 keV	C12(γ,n+p+2d)Li6	-55718.52 keV
C12(γ,n+p+α)Li6	-31872.00 keV	C12(γ,2n+2p+d)Li6	-57943.09 keV
C12(γ,t+He3)Li6	-43967.81 keV	C12(γ,3n+3p)Li6	-60167.66 keV
C12(γ,p+d+t)Li6	-49461.29 keV		
C12(γ,n+d+He3)Li6	-50225.05 keV		
C12(γ,n+2p+t)Li6	-51685.86 keV		
C12(γ,2n+p+He3)Li6	-52449.61 keV		
C12(γ,3d)Li6	-53493.96 keV		

<< 5-B-11	**6-C-12**	6-C-13 >>
<< MT45 (γ,n+p+α)	**MT103 (γ,p) or MT5 (B11 production)**	MT108 (γ,2α) >>

C12 (γ,p) log-log



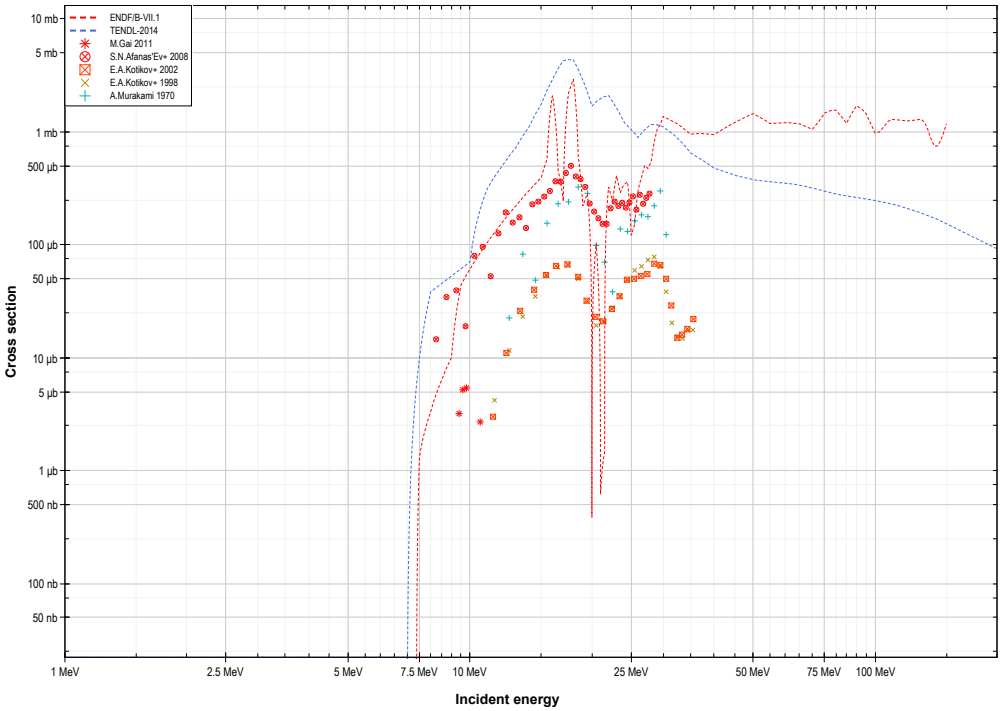
C12 (γ,p) lin-log



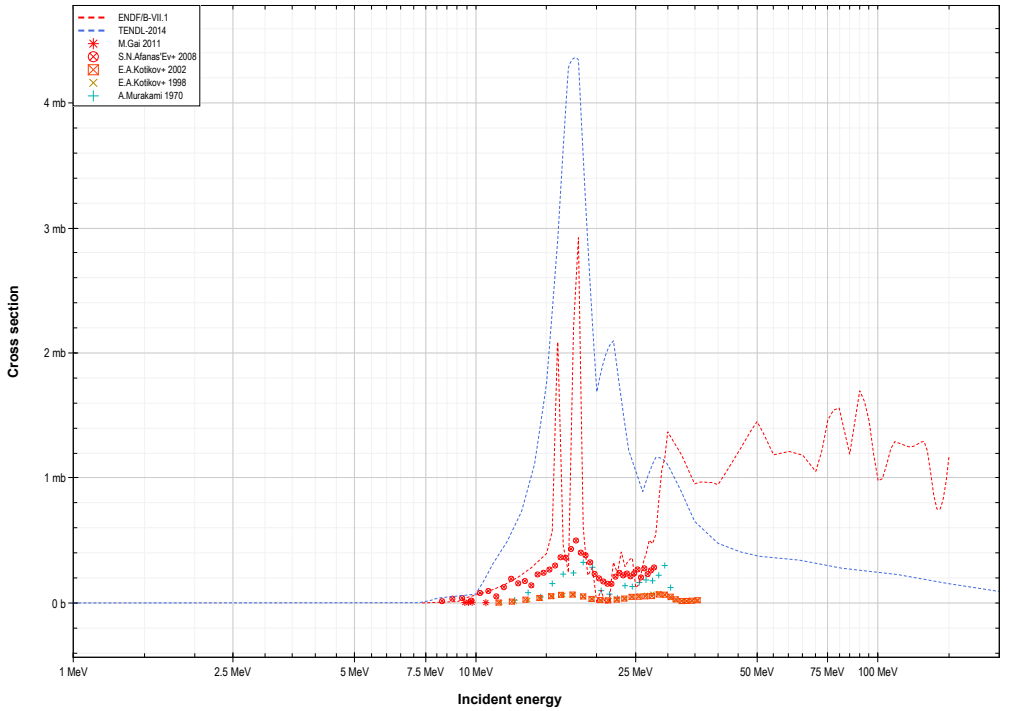
Reaction	Q-Value
C12(γ,p)B11	-15956.87 keV

	6-C-12	
<< MT103 (γ,p)	**MT108 (γ,2α) or MT5 (He4 production)**	MT112 (γ,p+α) >>

C12 (γ,2α) log-log



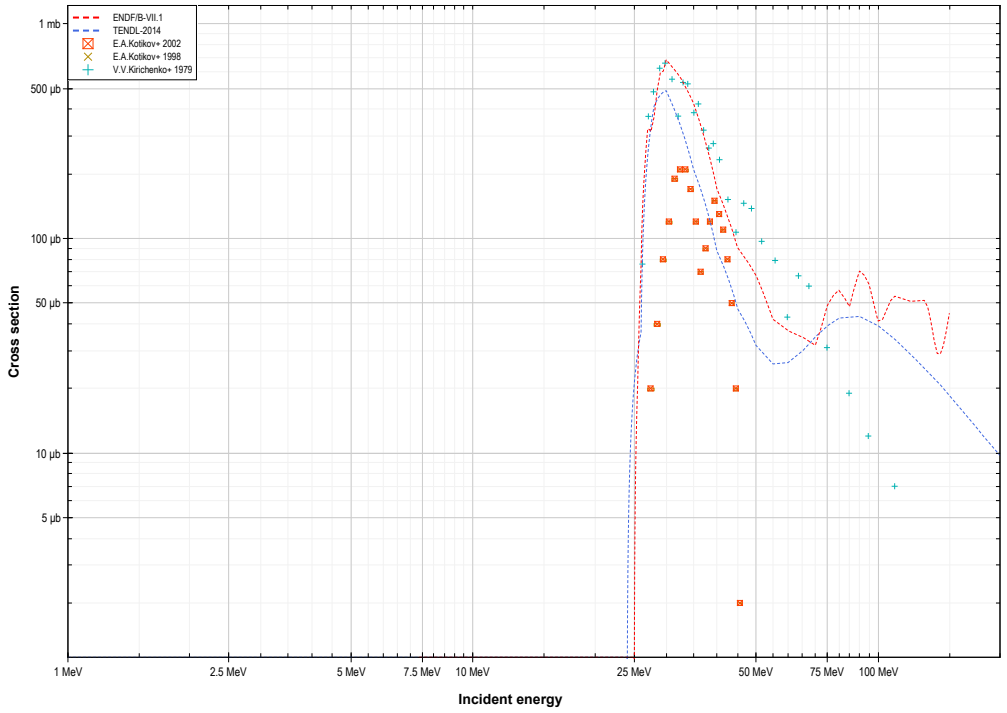
C12 (γ,2α) lin-log



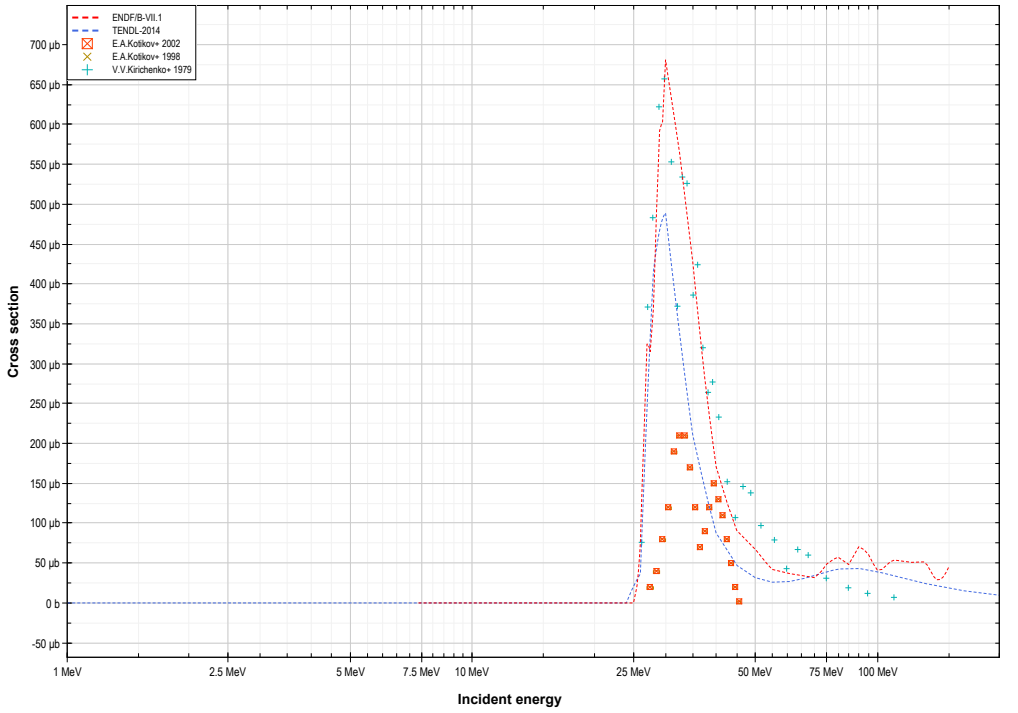
Reaction	Q-Value	Reaction	Q-Value
C12(γ,2α)He4	-7274.75 keV	C12(γ,n+p+t+He3)He4	-47666.22 keV
C12(γ,p+t+α)He4	-27088.61 keV	C12(γ,2n+2He3)He4	-48429.98 keV
C12(γ,n+He3+α)He4	-27852.36 keV	C12(γ,p+2d+t)He4	-50935.14 keV
C12(γ,2d+α)He4	-31121.27 keV	C12(γ,n+2d+He3)He4	-51698.89 keV
C12(γ,n+p+d+α)He4	-33345.84 keV	C12(γ,n+2p+d+t)He4	-53159.70 keV
C12(γ,2n+2p+α)He4	-35570.41 keV	C12(γ,2n+p+d+He3)He4	-53923.46 keV
C12(γ,d+t+He3)He4	-45441.66 keV	C12(γ,4d)He4	-54967.80 keV
C12(γ,2p+2t)He4	-46902.47 keV	C12(γ,2n+3p+t)He4	-55384.27 keV

	6-C-12	
<< MT108 (γ,2α)	**MT112 (γ,p+α) or MT5 (Li7 production)**	6-C-13 MT4 (γ,n) >>

C12 (γ,p+α) log-log



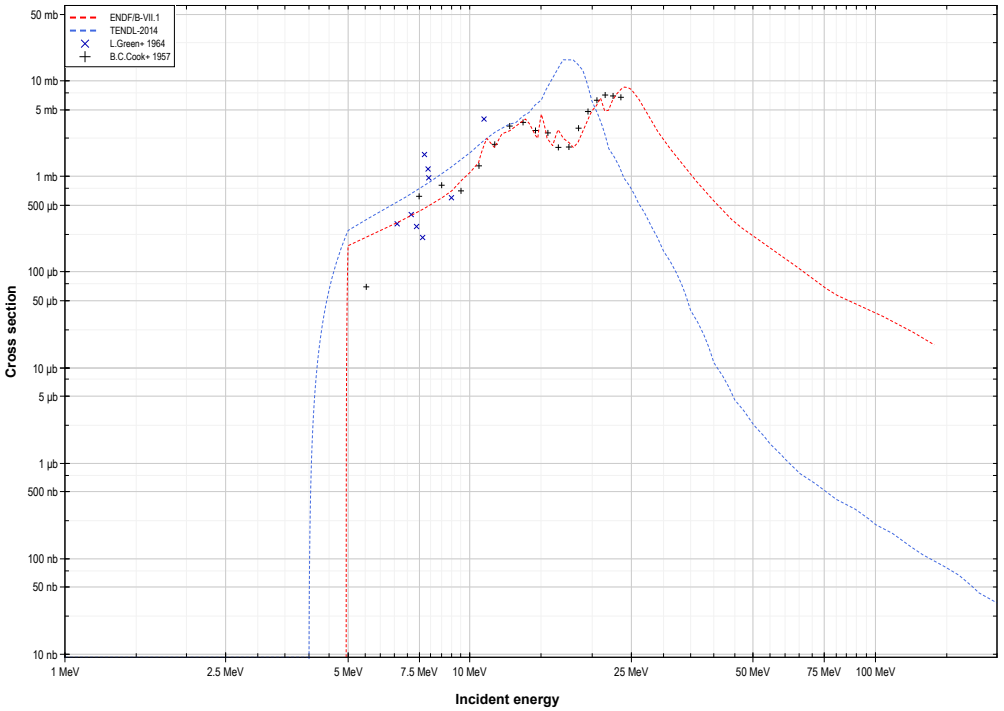
C12 (γ,p+α) lin-log



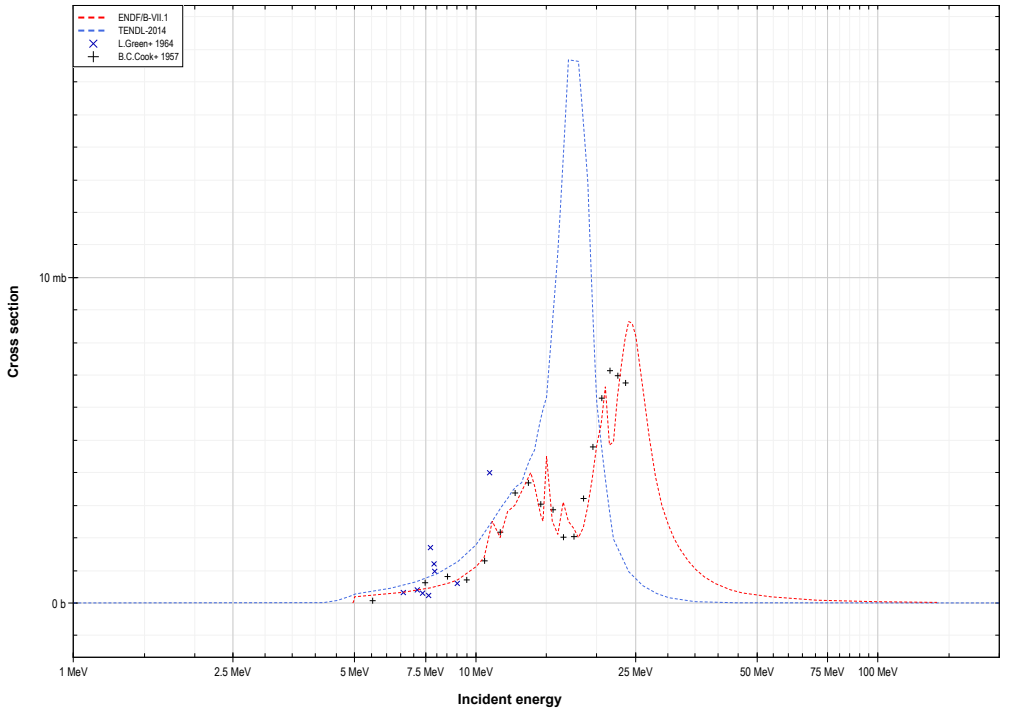
Reaction	Q-Value
C12(γ,p+α)Li7	-24622.03 keV
C12(γ,d+He3)Li7	-42975.08 keV
C12(γ,2p+t)Li7	-44435.89 keV
C12(γ,n+p+He3)Li7	-45199.64 keV
C12(γ,p+2d)Li7	-48468.55 keV
C12(γ,n+2p+d)Li7	-50693.12 keV
C12(γ,2n+3p)Li7	-52917.69 keV

<< 6-C-12	**6-C-13**	7-N-14 >>
<< 6-C-12 MT112 (γ,p+α)	**MT4 (γ,n) or MT5 (C12 production)**	MT103 (γ,p) >>

C13 (γ,n) log-log



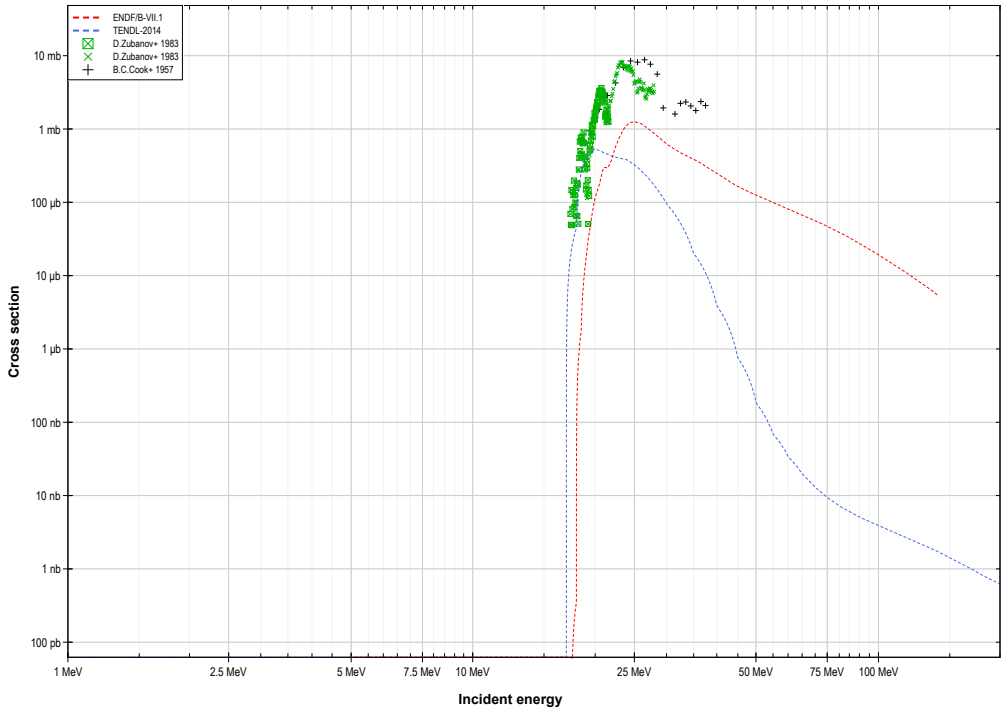
C13 (γ,n) lin-log



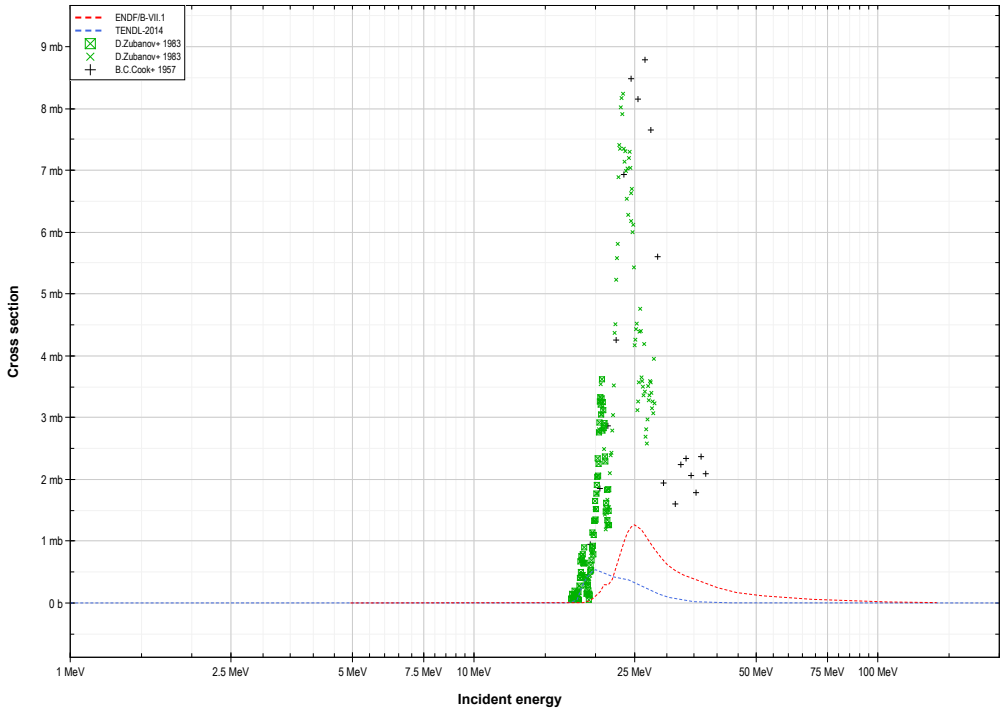
Reaction	Q-Value
C13(γ,n)C12	-4946.31 keV

<< 6-C-12	**6-C-13**	7-N-15 >>
<< MT4 (γ,n)	**MT103 (γ,p) or MT5 (B12 production)**	6-C-14 MT16 (γ,2n) >>

C13 (γ,p) log-log



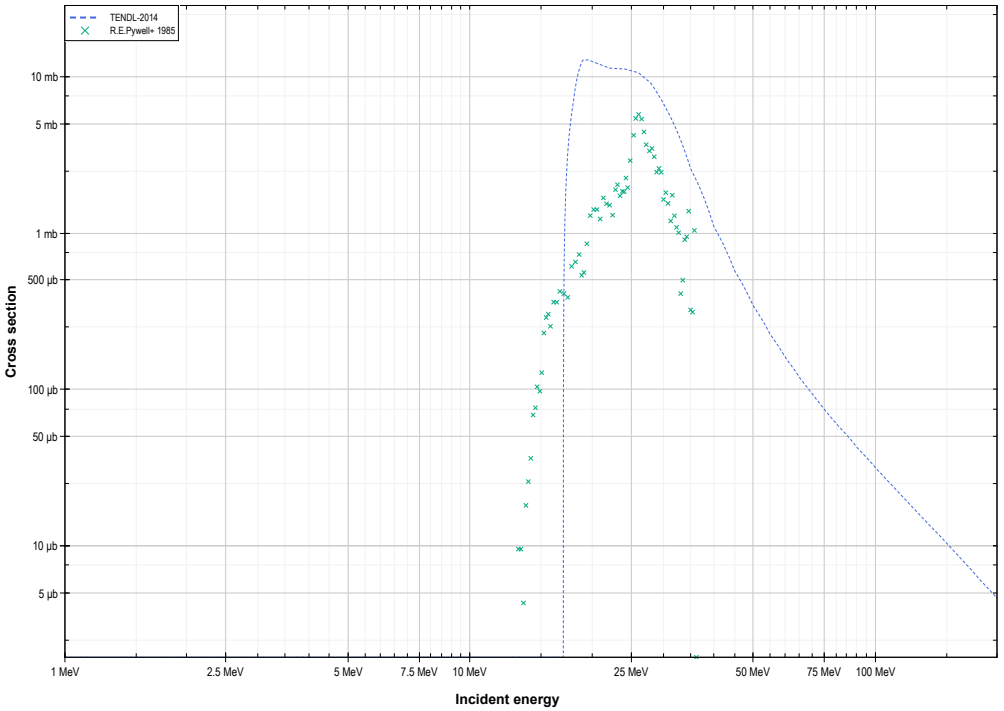
C13 (γ,p) lin-log



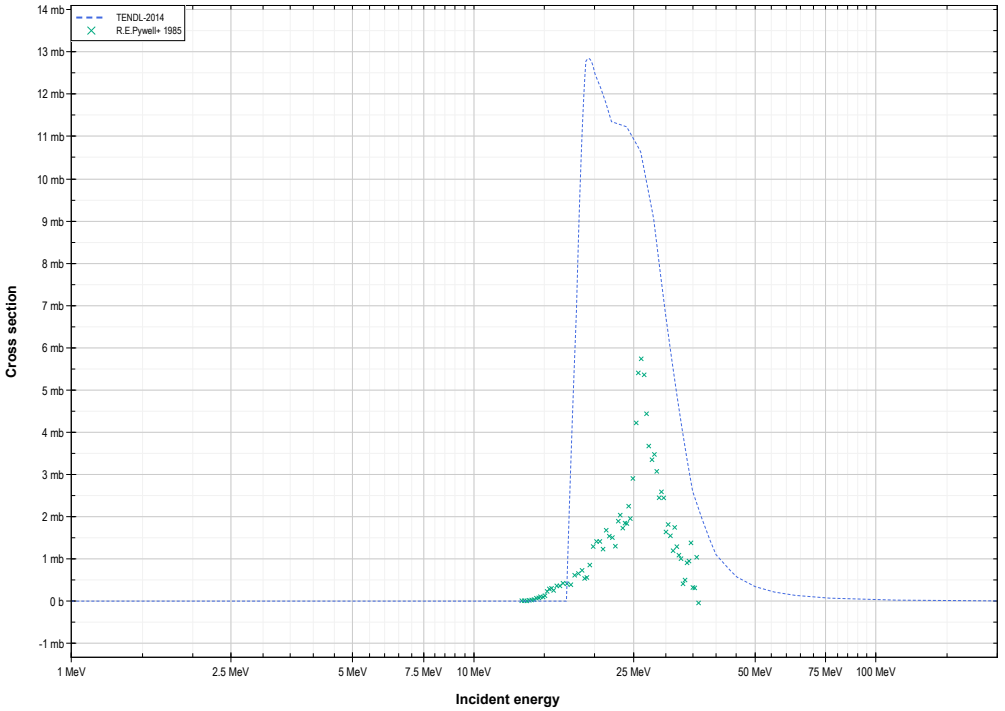
Reaction	Q-Value
C13(γ,p)B12	-17532.86 keV

<< 6-C-12	**6-C-14**	8-O-16 >>
<< 6-C-13 MT103 (γ,p)	**MT16 (γ,2n) or MT5 (C12 production)**	7-N-14 MT4 (γ,n) >>

C14 (γ,2n) log-log



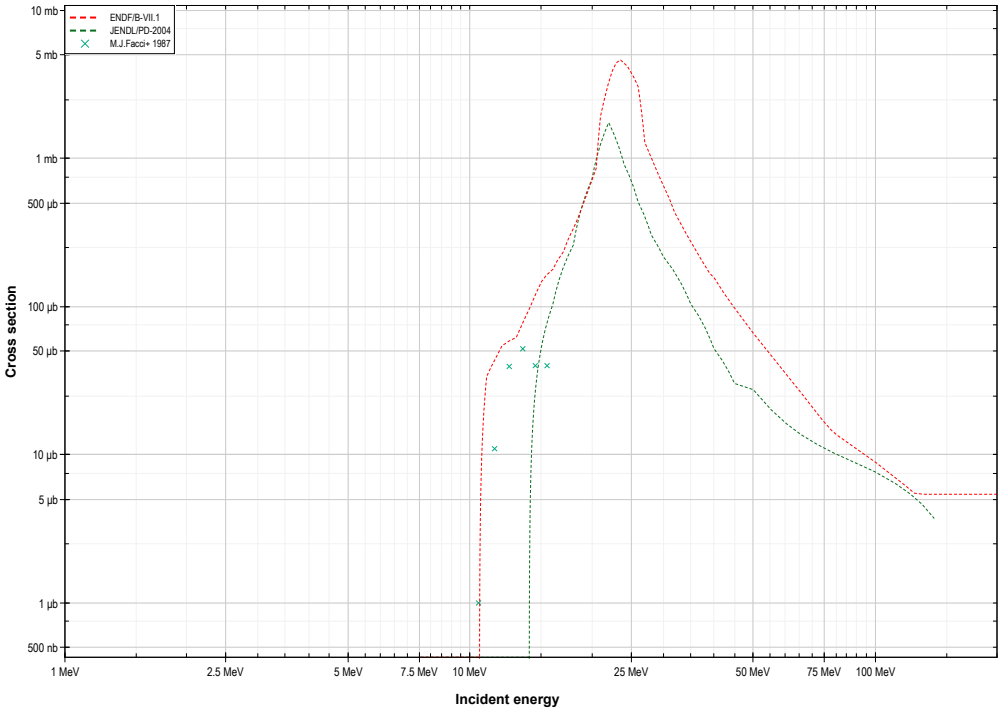
C14 (γ,2n) lin-log



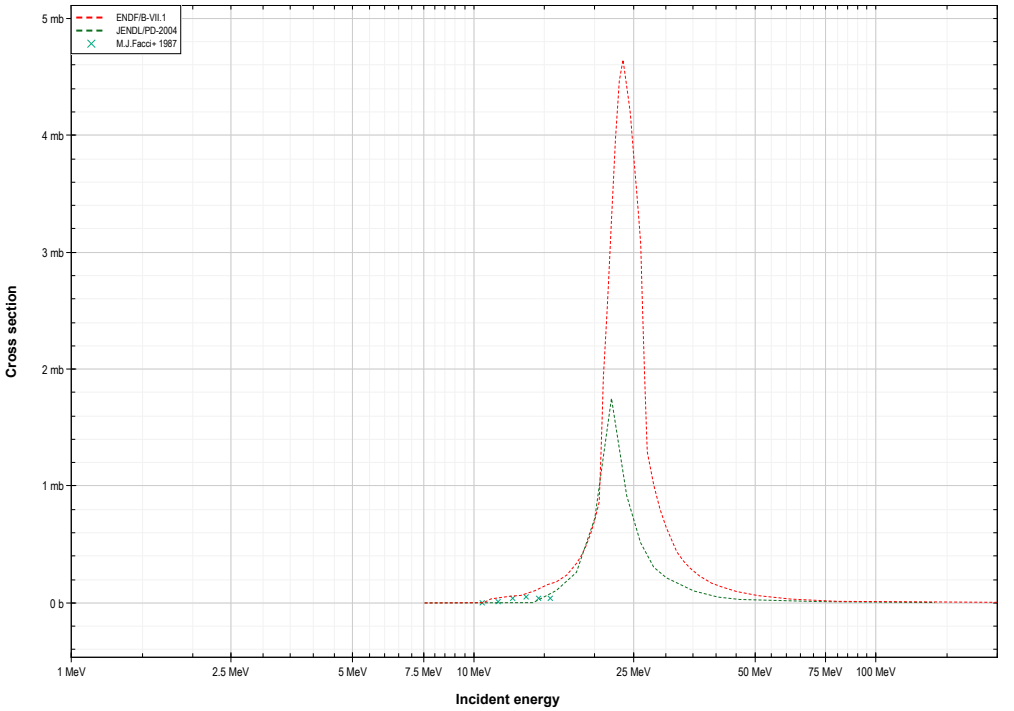
Reaction	Q-Value
C14(γ,2n)C12	-13122.74 keV

<< 6-C-13	**7-N-14**	8-O-16 >>
<< 6-C-14 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (N13 production)**	MT28 (γ,n+p) >>

N14 (γ,n) log-log



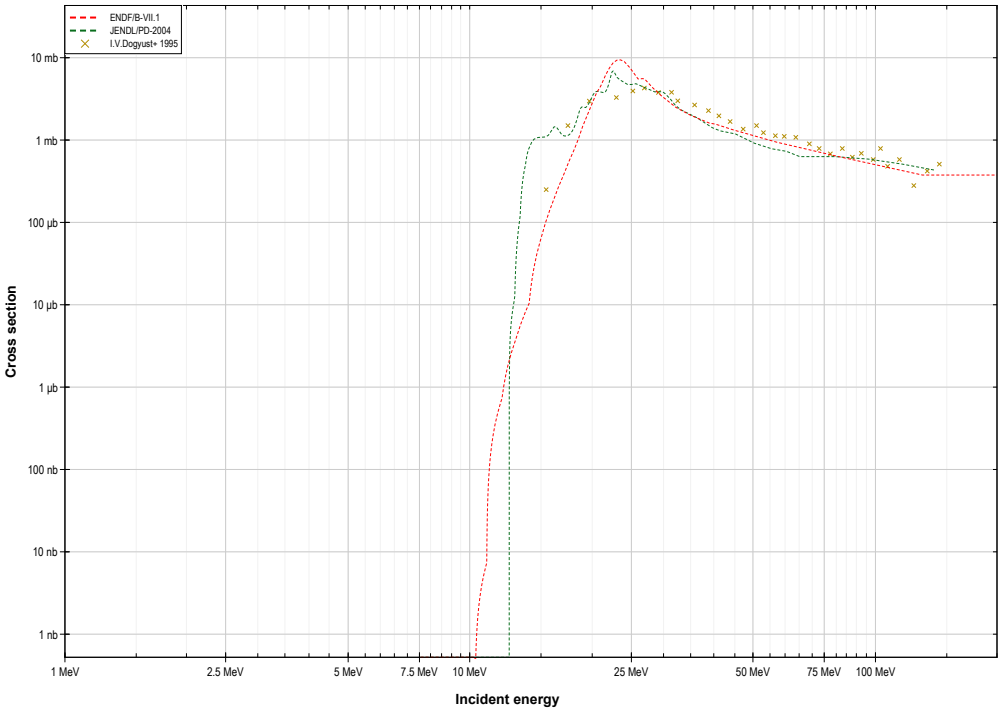
N14 (γ,n) lin-log



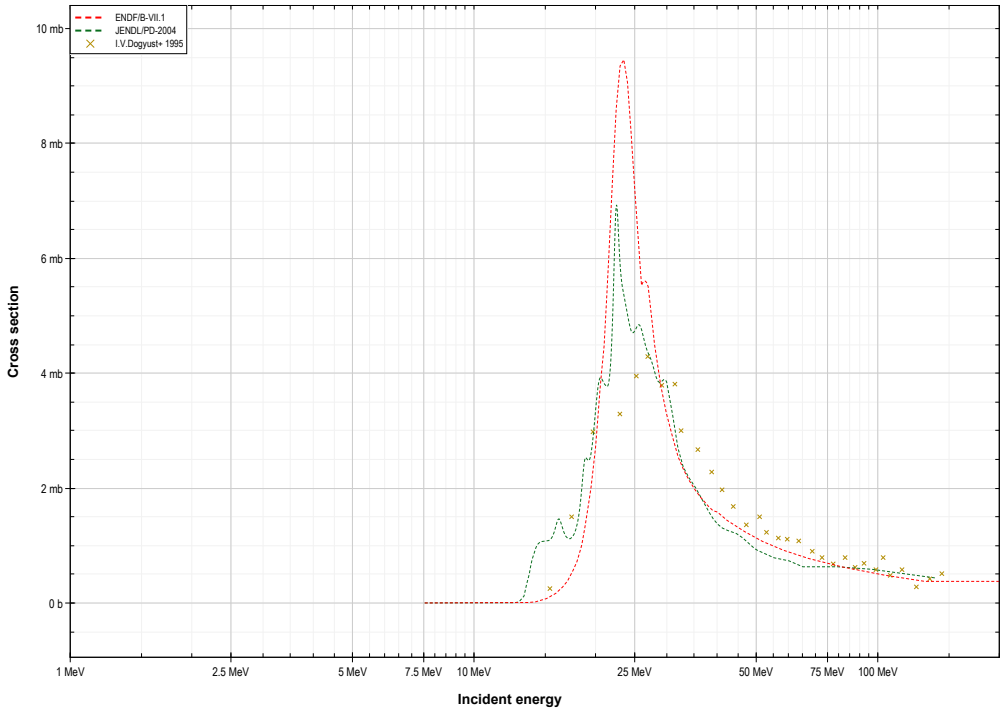
Reaction	Q-Value
N14(γ,n)N13	-10553.38 keV

<< 6-C-12	**7-N-14**	8-O-16 >>
<< MT4 (γ,n)	**MT28 (γ,n+p) or MT5 (C12 production)**	7-N-15 MT103 (γ,p) >>

N14 (γ,n+p) log-log



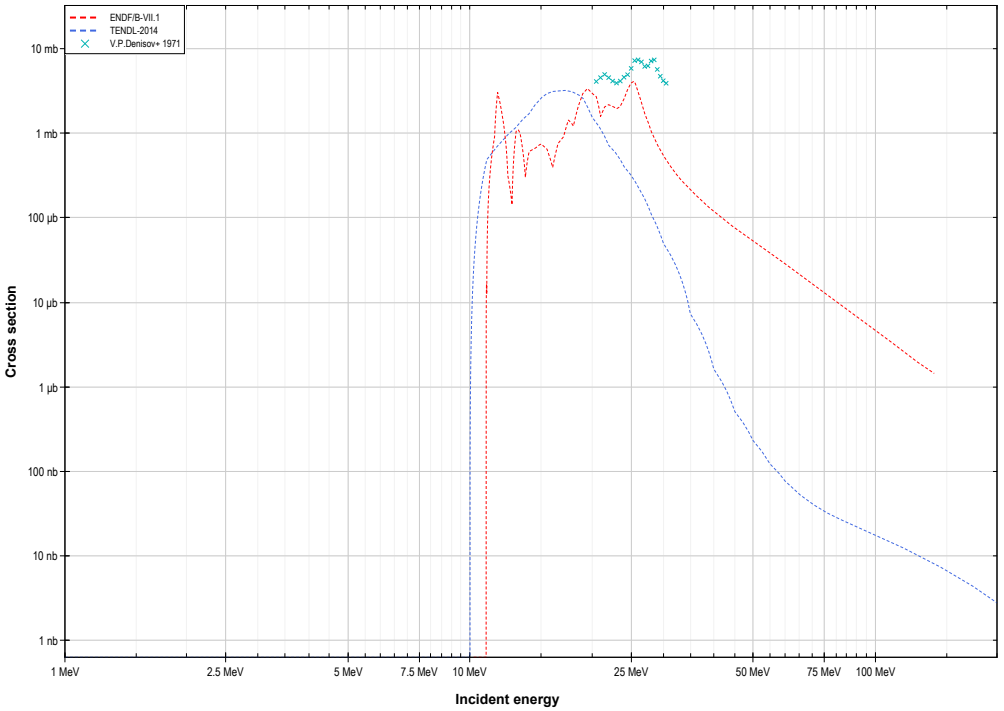
N14 (γ,n+p) lin-log



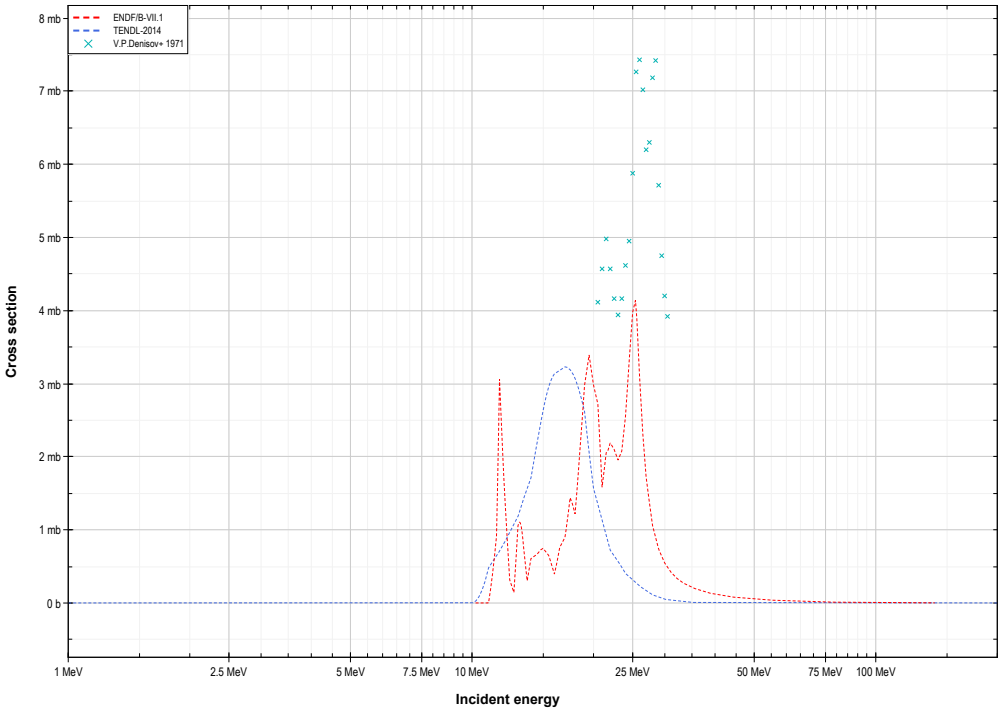
Reaction	Q-Value
N14(γ,d)C12	-10272.30 keV
N14(γ,n+p)C12	-12496.87 keV

<< 6-C-13	**7-N-15**	8-O-16 >>
<< 7-N-14 MT28 (γ,n+p)	**MT103 (γ,p) or MT5 (C14 production)**	8-O-16 MT4 (γ,n) >>

N15 (γ,p) log-log



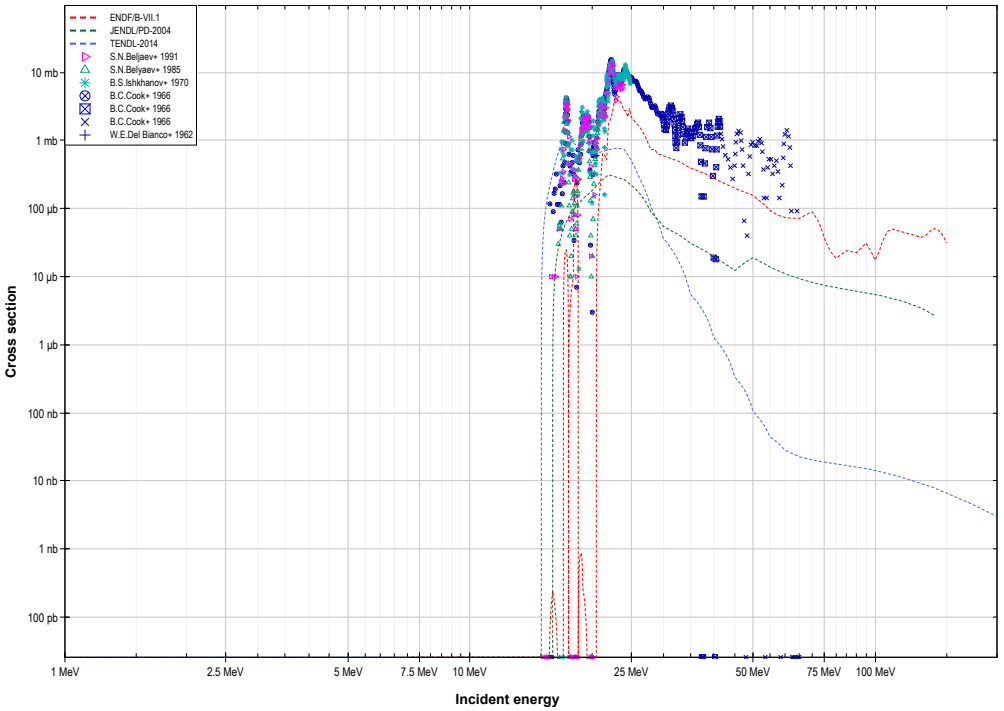
N15 (γ,p) lin-log



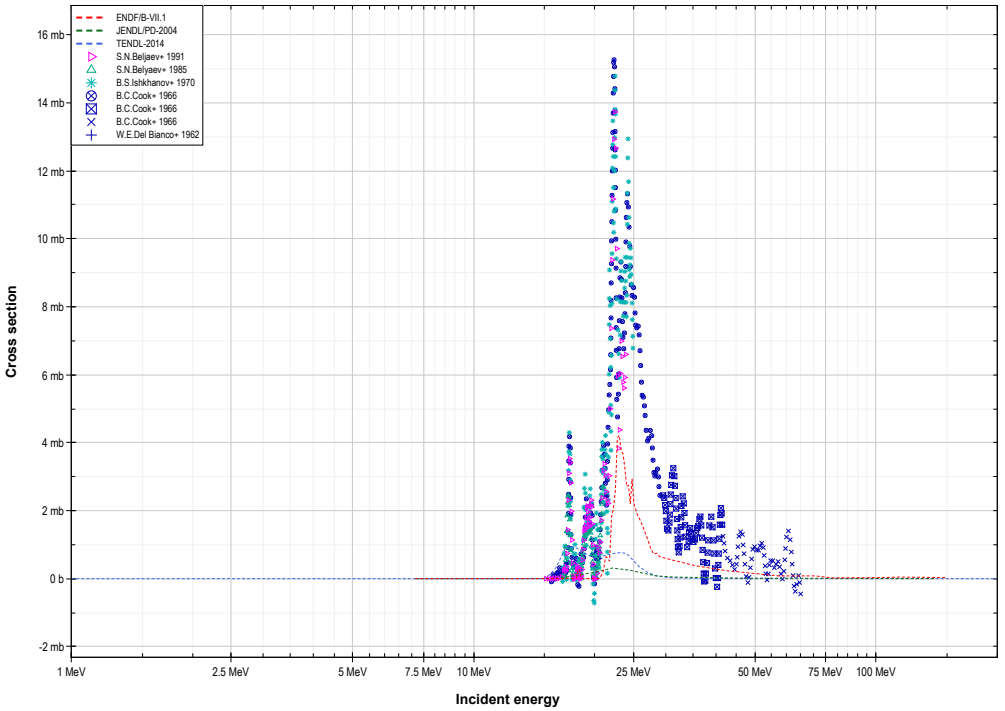
Reaction	Q-Value
N15(γ,p)C14	-10207.43 keV

<< 7-N-14	**8-O-16**	9-F-19 >>
<< 7-N-15 MT103 (γ,p)	**MT4 (γ,n) or MT5 (O15 production)**	MT16 (γ,2n) >>

O16 (γ,n) log-log



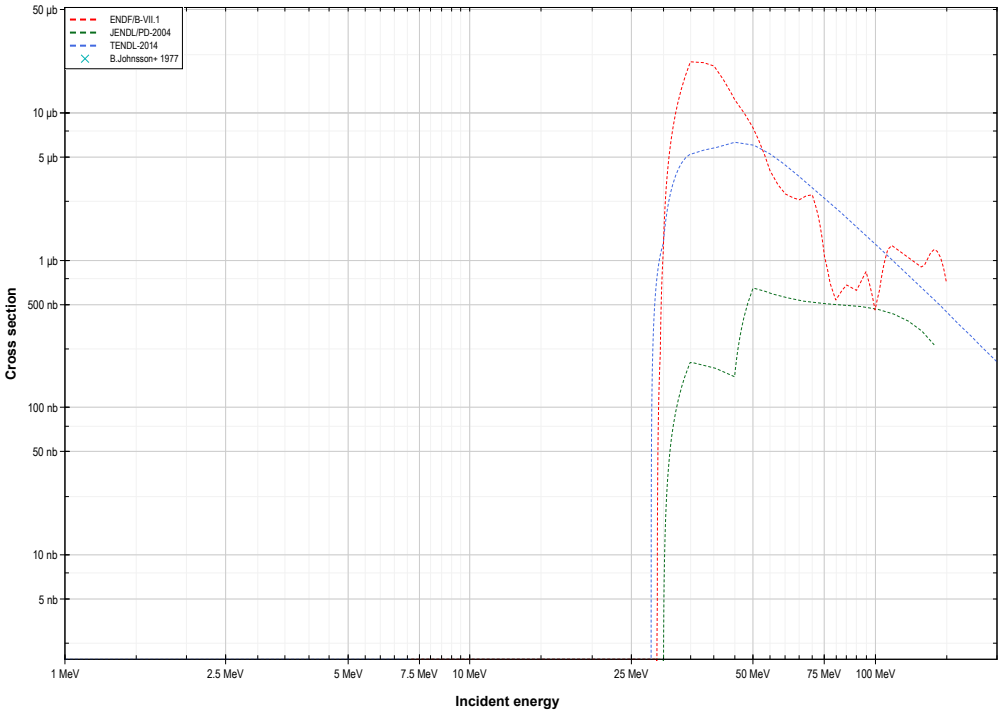
O16 (γ,n) lin-log



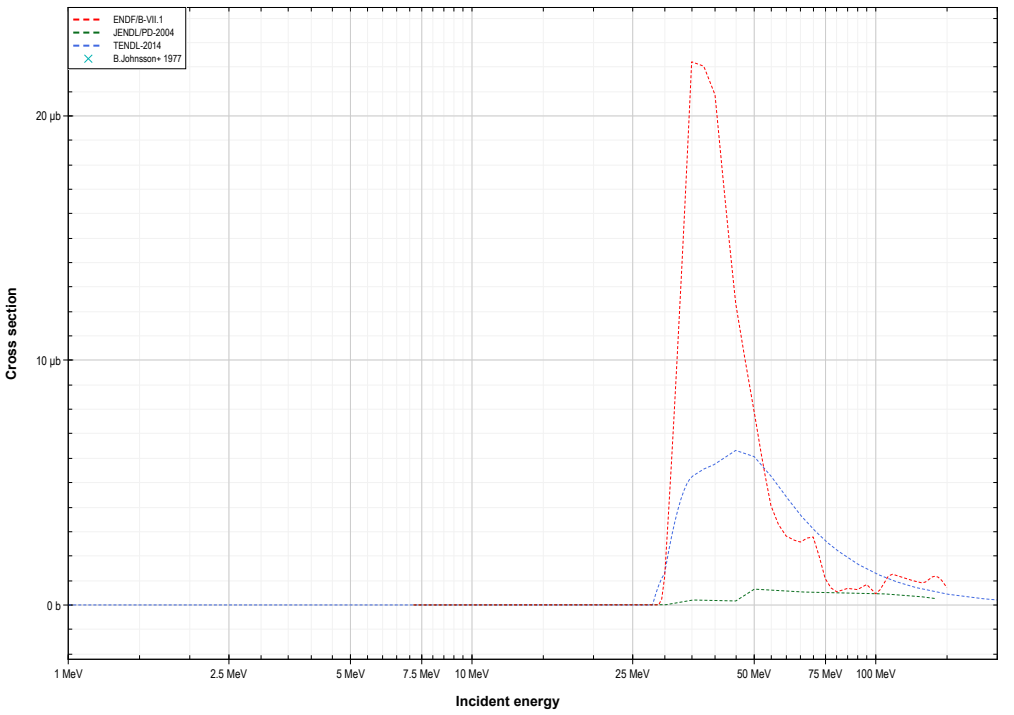
Reaction	Q-Value
O16(γ,n)O15	-15663.92 keV

<< 6-C-14	**8-O-16**	9-F-19 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (O14 production)**	MT28 (γ,n+p) >>

O16 (γ,2n) log-log



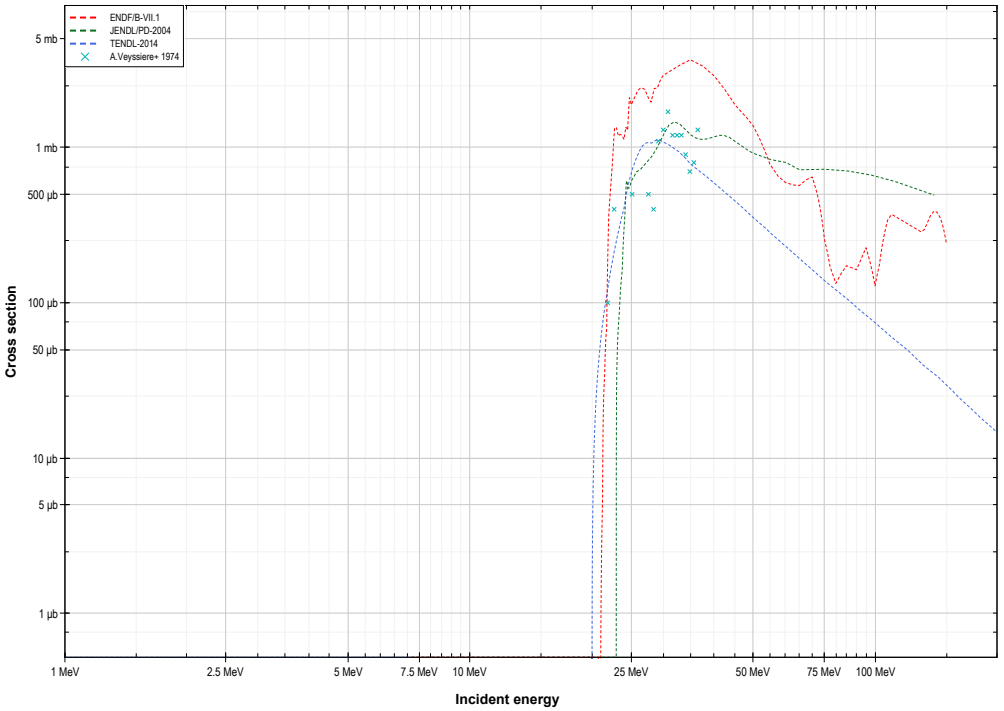
O16 (γ,2n) lin-log



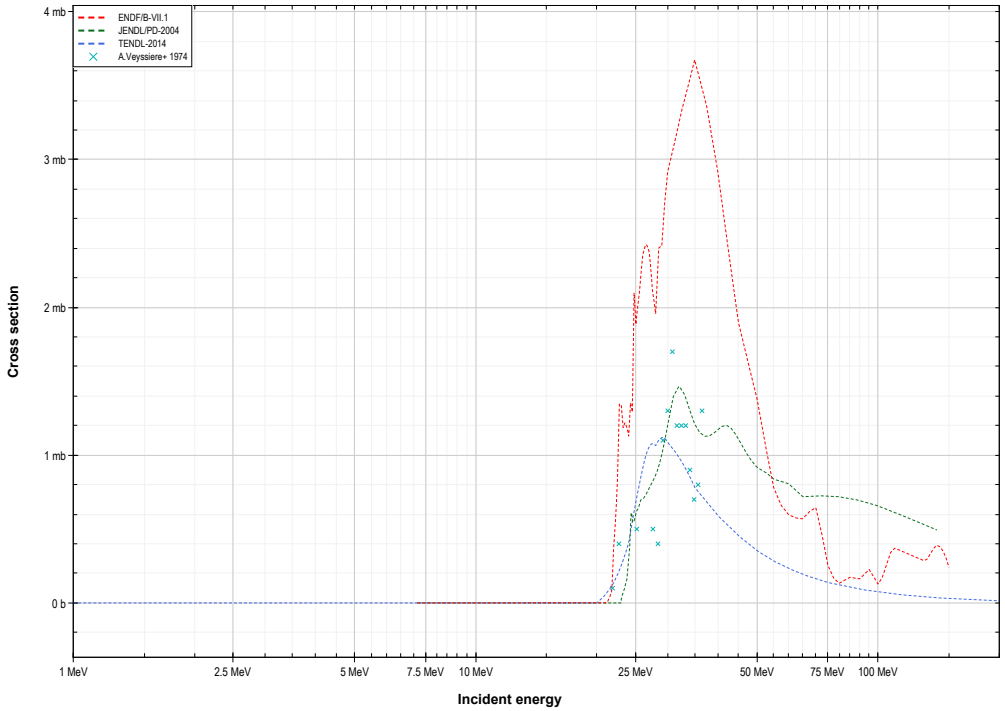
Reaction	Q-Value
O16(γ,2n)O14	-28887.00 keV

<< 7-N-14	**8-O-16**	10-Ne-20 >>
<< MT16 (γ,2n)	**MT28 (γ,n+p) or MT5 (N14 production)**	MT103 (γ,p) >>

O16 (γ,n+p) log-log



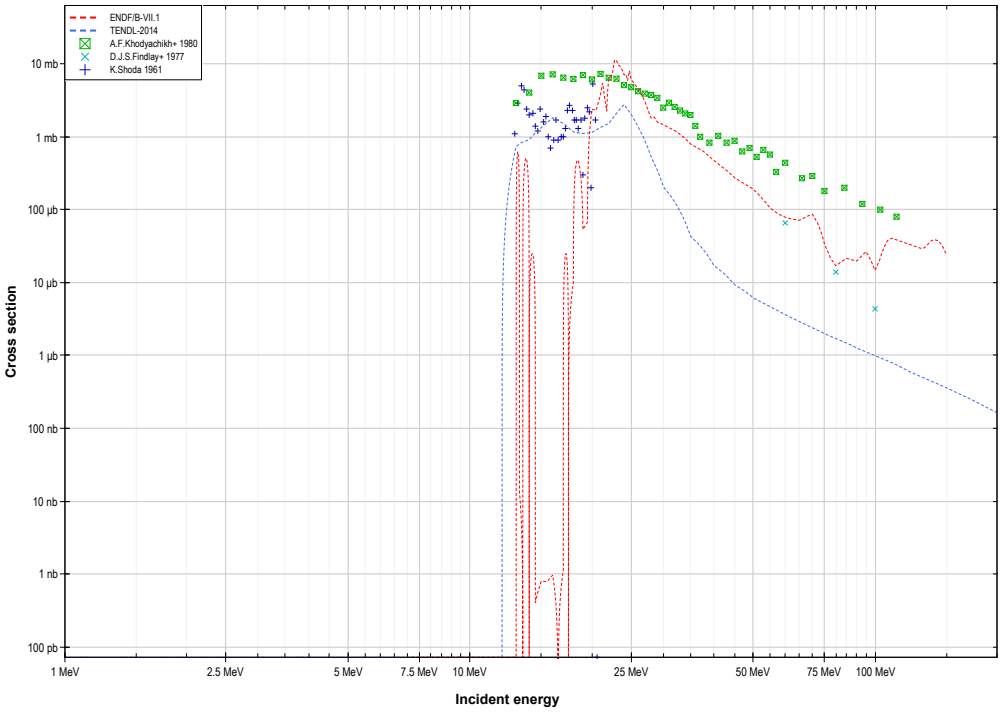
O16 (γ,n+p) lin-log



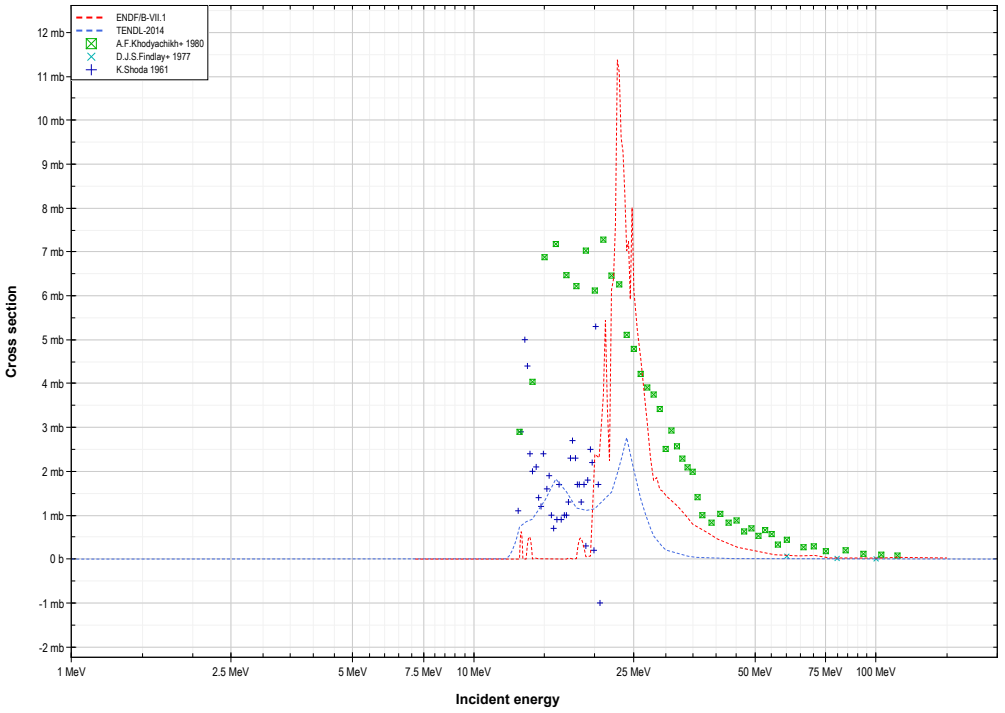
Reaction	Q-Value
O16(γ,d)N14	-20736.14 keV
O16(γ,n+p)N14	-22960.71 keV

<< 7-N-15	**8-O-16**	8-O-18 >>
<< MT28 (γ,n+p)	**MT103 (γ,p) or MT5 (N15 production)**	MT109 (γ,3α) >>

O16 (γ,p) log-log



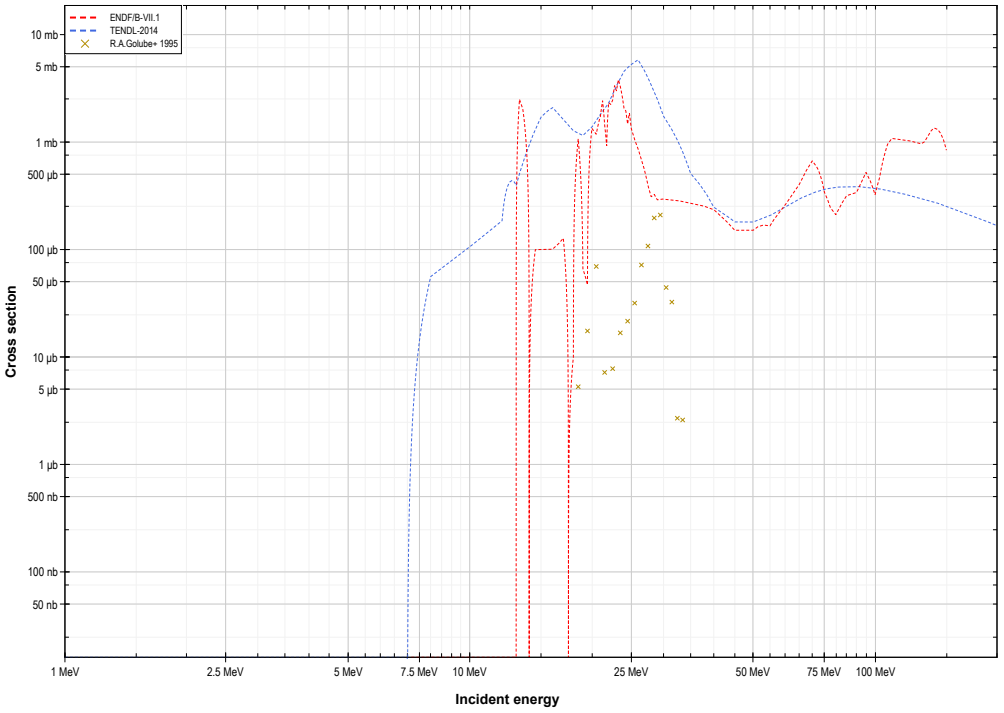
O16 (γ,p) lin-log



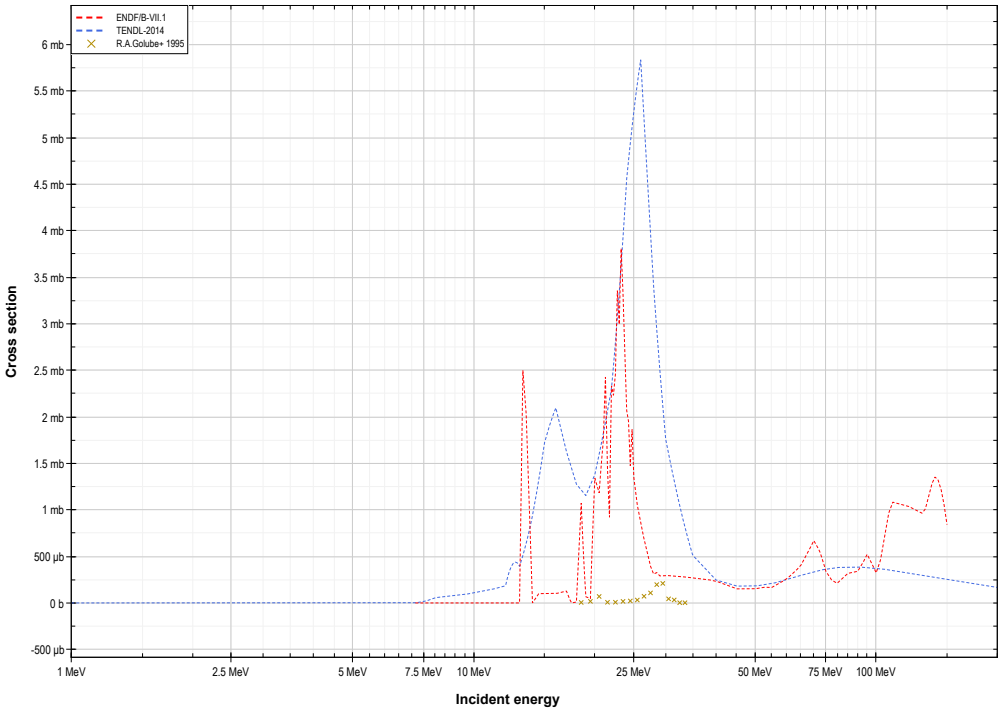
Reaction	Q-Value
O16(γ,p)N15	-12127.41 keV

	8-O-16	
<< MT103 (γ,p)	**MT109 (γ,3α) or MT5 (He4 production)**	8-O-18 MT103 (γ,p) >>

O16 (γ,3α) log-log



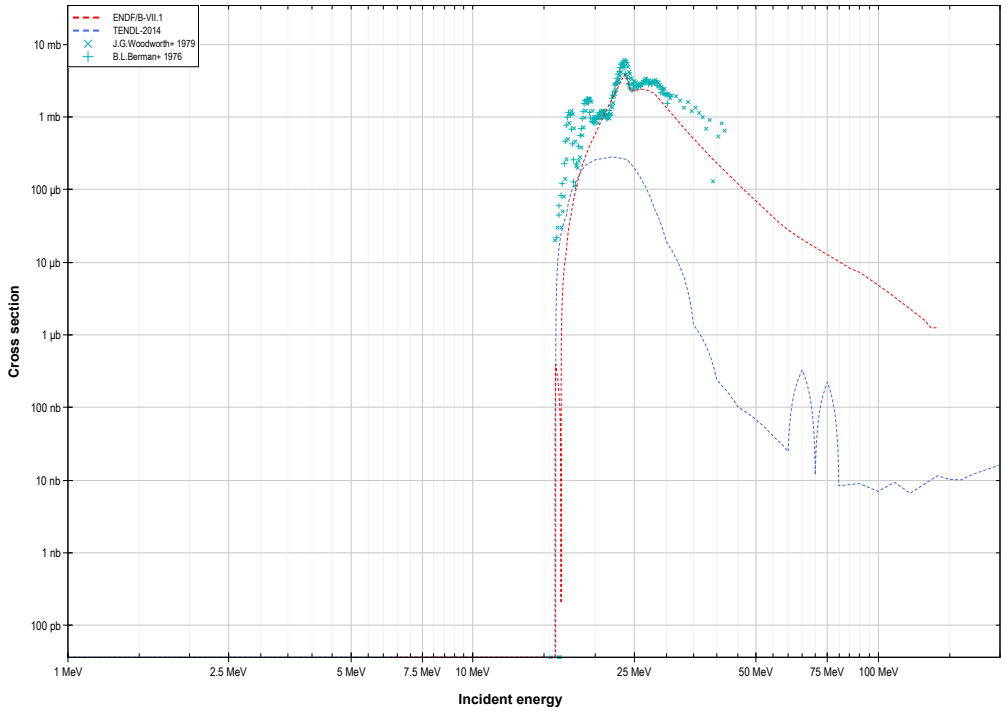
O16 (γ,3α) lin-log



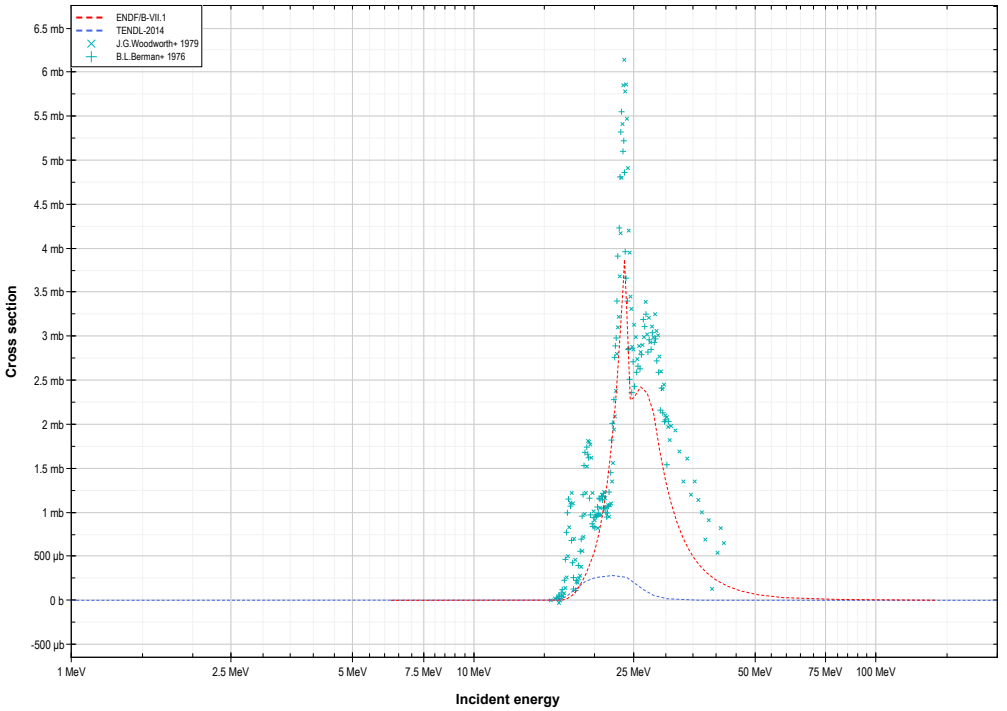
Reaction	Q-Value	Reaction	Q-Value
O16(γ,3α)He4	-14436.66 keV	O16(γ,n+p+t+He3+α)He4	-54828.14 keV
O16(γ,p+t+2α)He4	-34250.52 keV	O16(γ,2n+2He3+α)He4	-55591.90 keV
O16(γ,n+He3+2α)He4	-35014.28 keV	O16(γ,p+2d+t+α)He4	-58097.05 keV
O16(γ,2d+2α)He4	-38283.19 keV	O16(γ,n+2d+He3+α)He4	-58860.81 keV
O16(γ,n+p+d+2α)He4	-40507.76 keV	O16(γ,n+2p+d+t+α)He4	-60321.62 keV
O16(γ,2n+2p+2α)He4	-42732.32 keV	O16(γ,2n+p+d+He3+α)He4	-61085.37 keV
O16(γ,d+t+He3+α)He4	-52603.57 keV	O16(γ,4d+α)He4	-62129.72 keV
O16(γ,2p+2t+α)He4	-54064.39 keV	O16(γ,2n+3p+t+α)He4	-62546.18 keV

<< 8-O-16	**8-O-18**	10-Ne-20 >>
<< 8-O-16 MT109 (γ,3α)	**MT103 (γ,p) or MT5 (N17 production)**	9-F-19 MT4 (γ,n) >>

O18 (γ,p) log-log



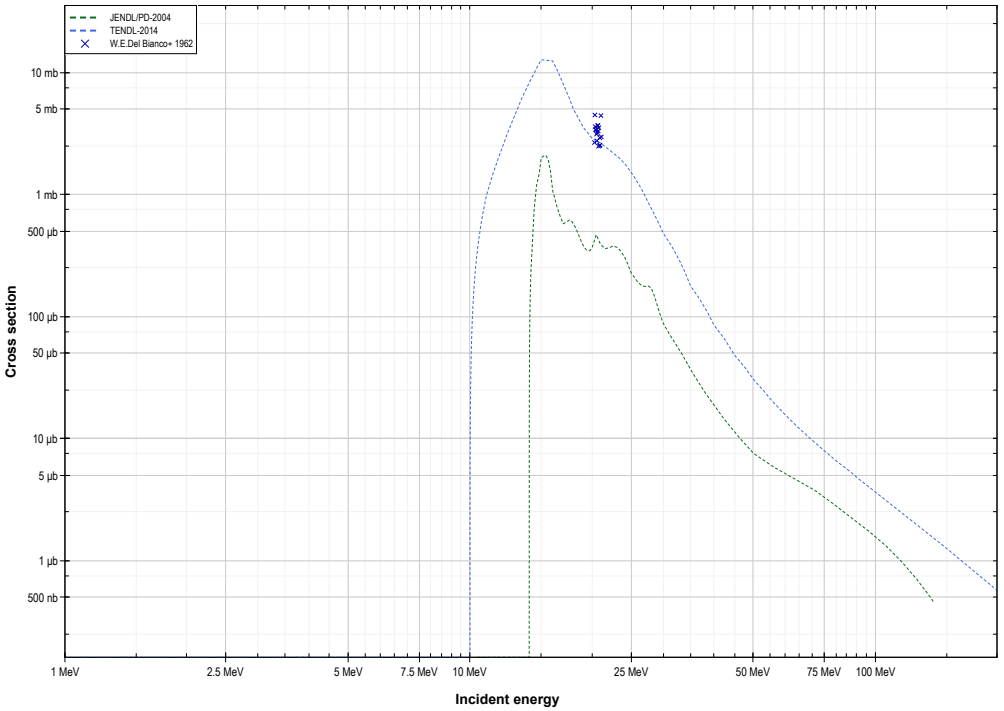
O18 (γ,p) lin-log



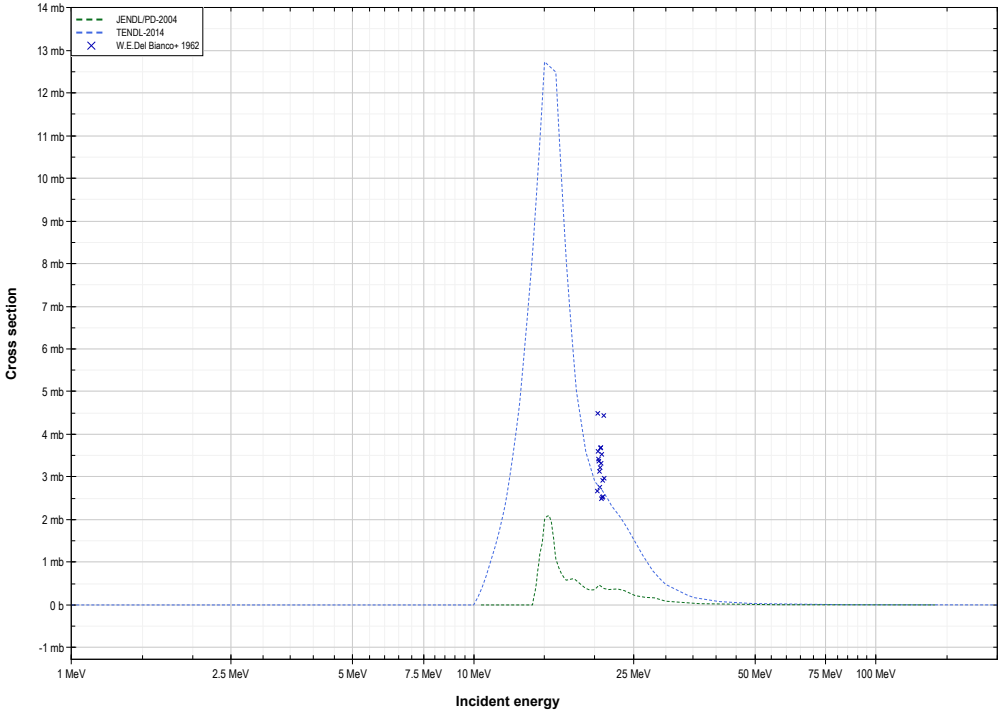
Reaction	Q-Value
O18(γ,p)N17	-15941.47 keV

<< 8-O-16	**9-F-19**	10-Ne-20 >>
<< 8-O-18 MT103 (γ,p)	**MT4 (γ,n) or MT5 (F18 production)**	MT16 (γ,2n) >>

F19 (γ,n) log-log



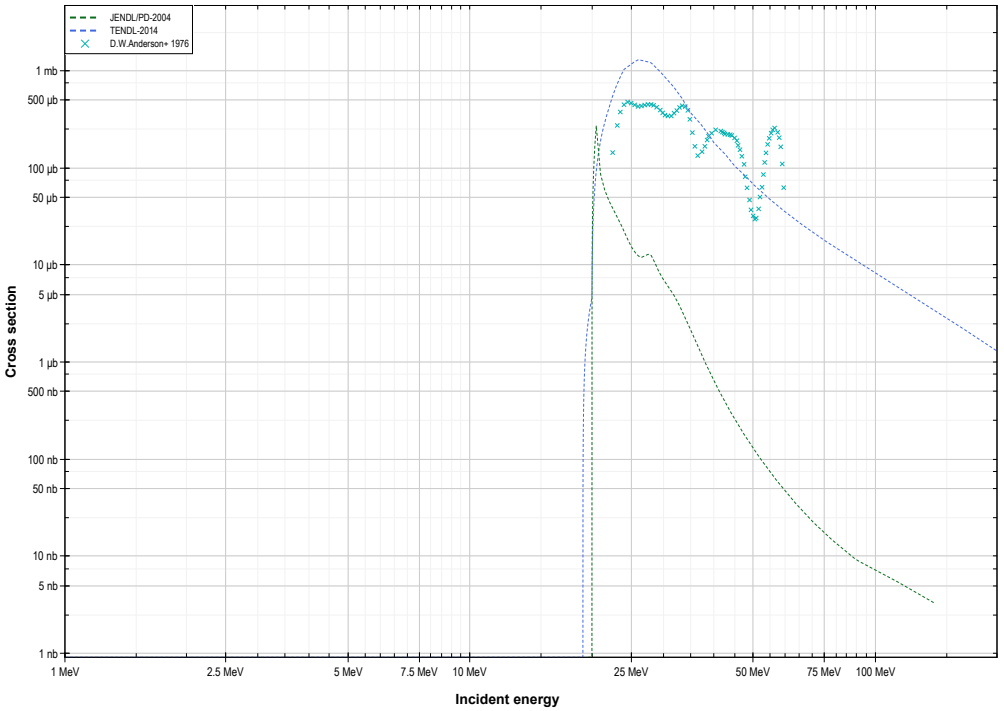
F19 (γ,n) lin-log



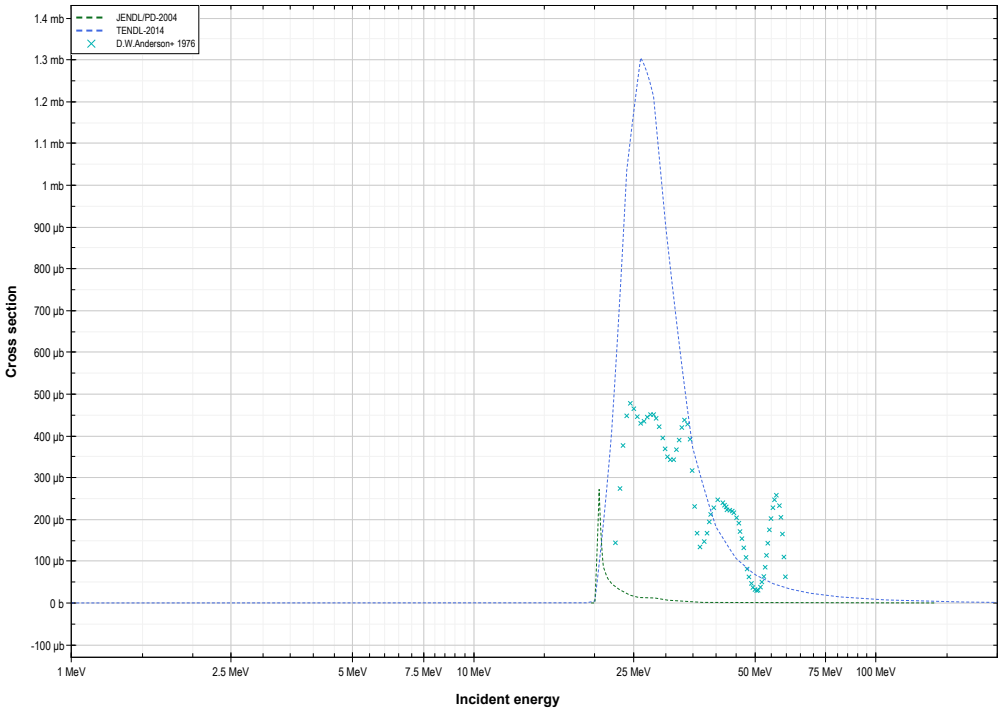
Reaction	Q-Value
F19(γ,n)F18	-10432.41 keV

<< 8-O-16	**9-F-19**	12-Mg-26 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (F17 production)**	10-Ne-20 MT4 (γ,n) >>

F19 (γ,2n) log-log



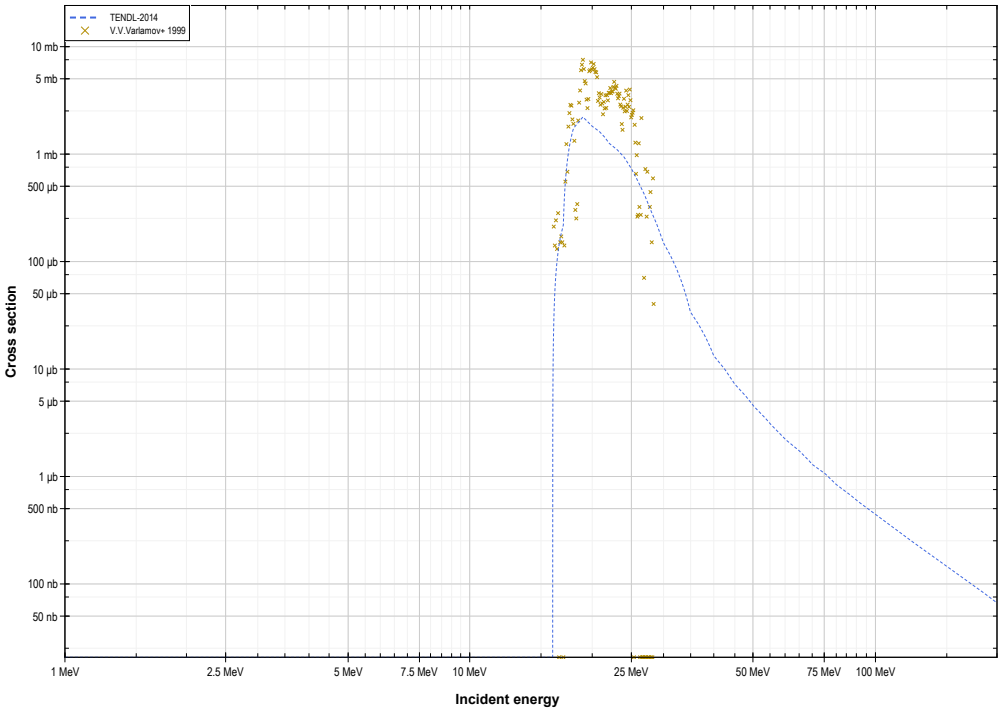
F19 (γ,2n) lin-log



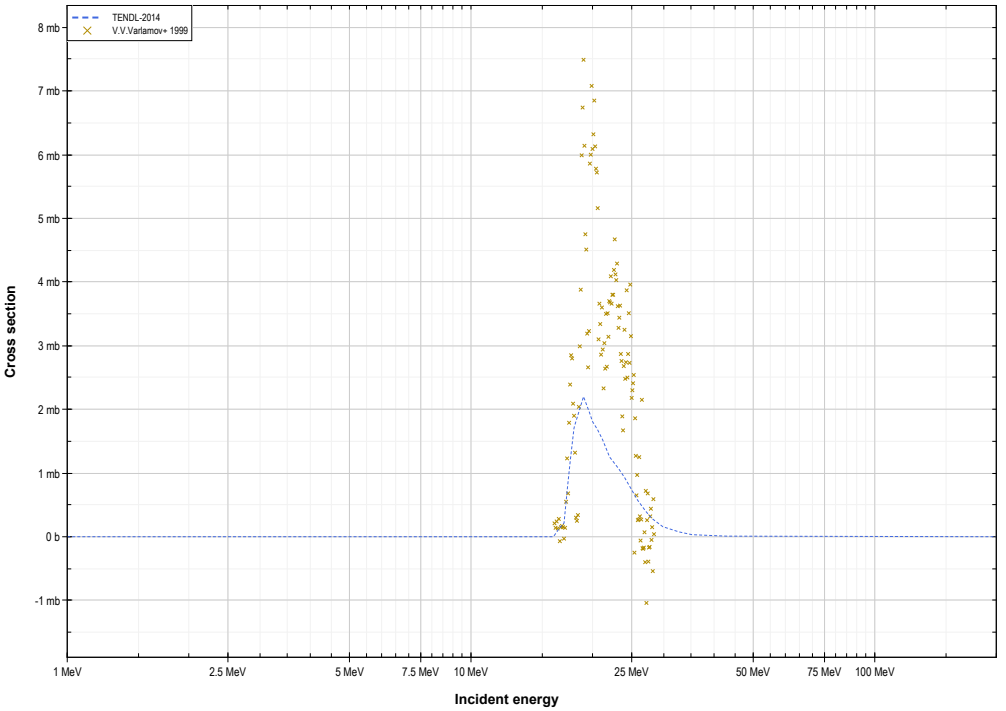
Reaction	Q-Value
F19(γ,2n)F17	-19581.72 keV

<< 9-F-19	**10-Ne-20**	10-Ne-22 >>
<< 9-F-19 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Ne19 production)**	MT28 (γ,n+p) >>

Ne20 (γ,n) log-log



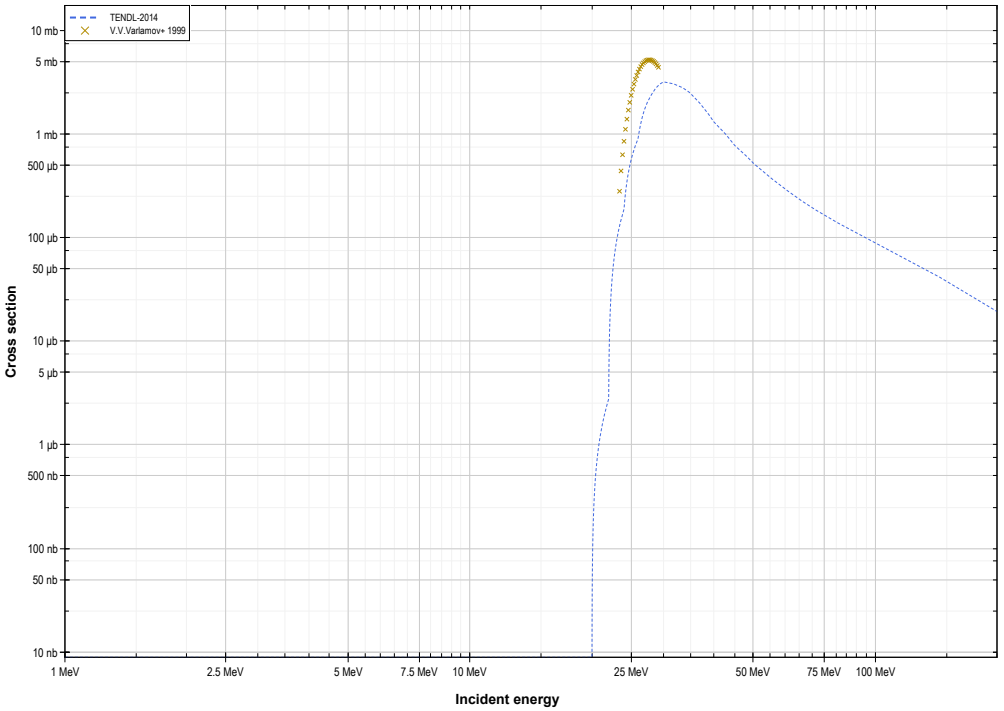
Ne20 (γ,n) lin-log



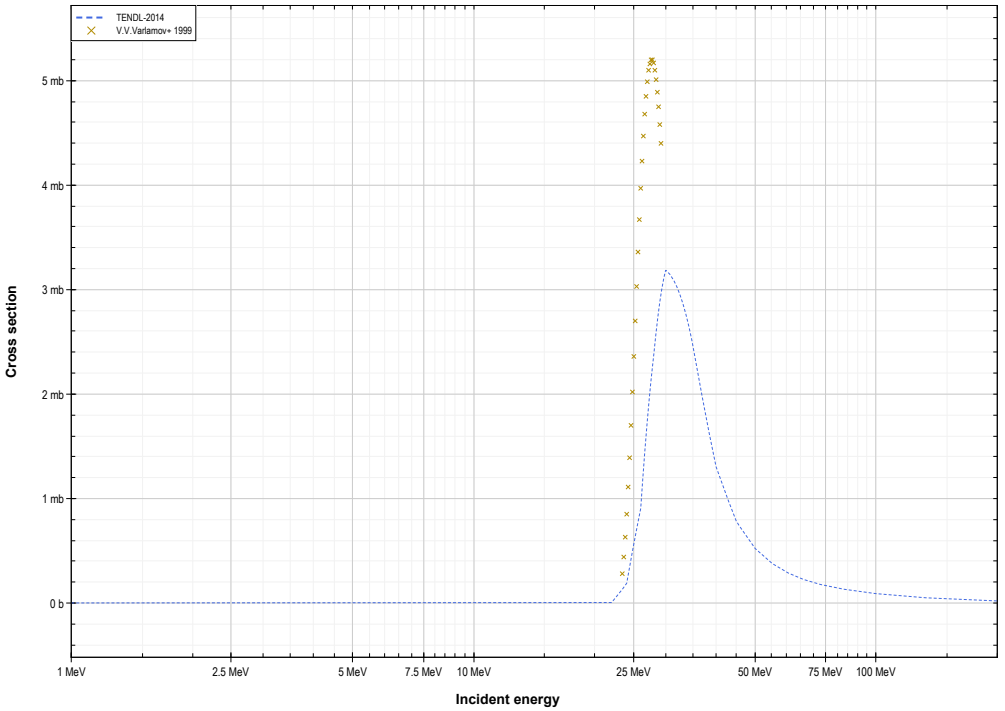
Reaction	Q-Value
Ne20(γ,n)Ne19	-16864.69 keV

<< 8-O-16	**10-Ne-20**	15-P-31 >>
<< MT4 (γ,n)	**MT28 (γ,n+p) or MT5 (F18 production)**	MT103 (γ,p) >>

Ne20 (γ,n+p) log-log



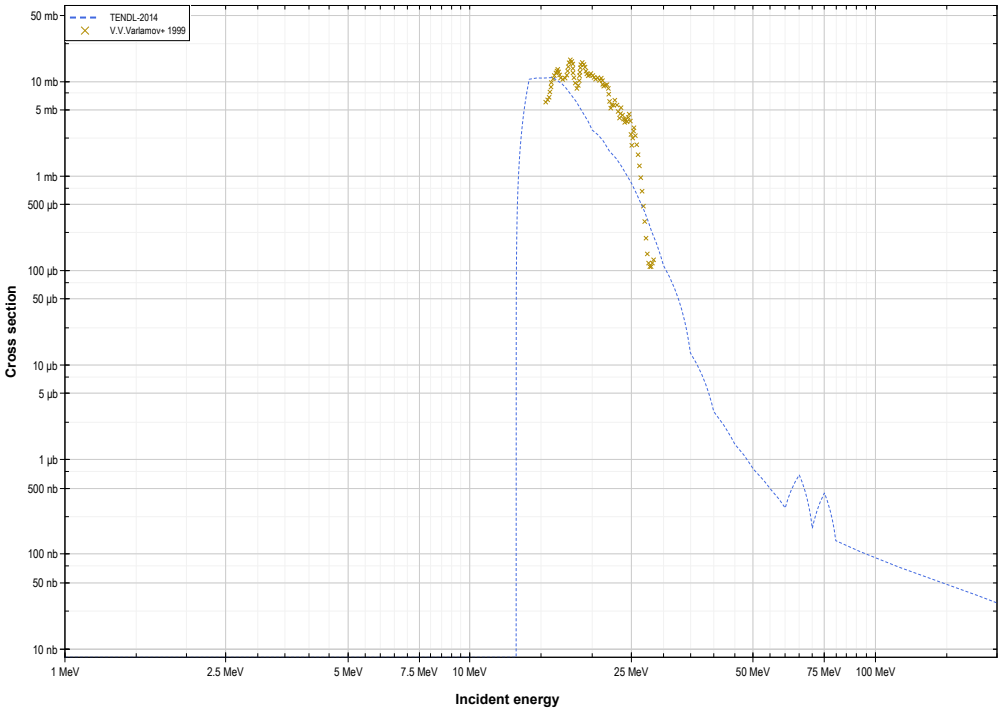
Ne20 (γ,n+p) lin-log



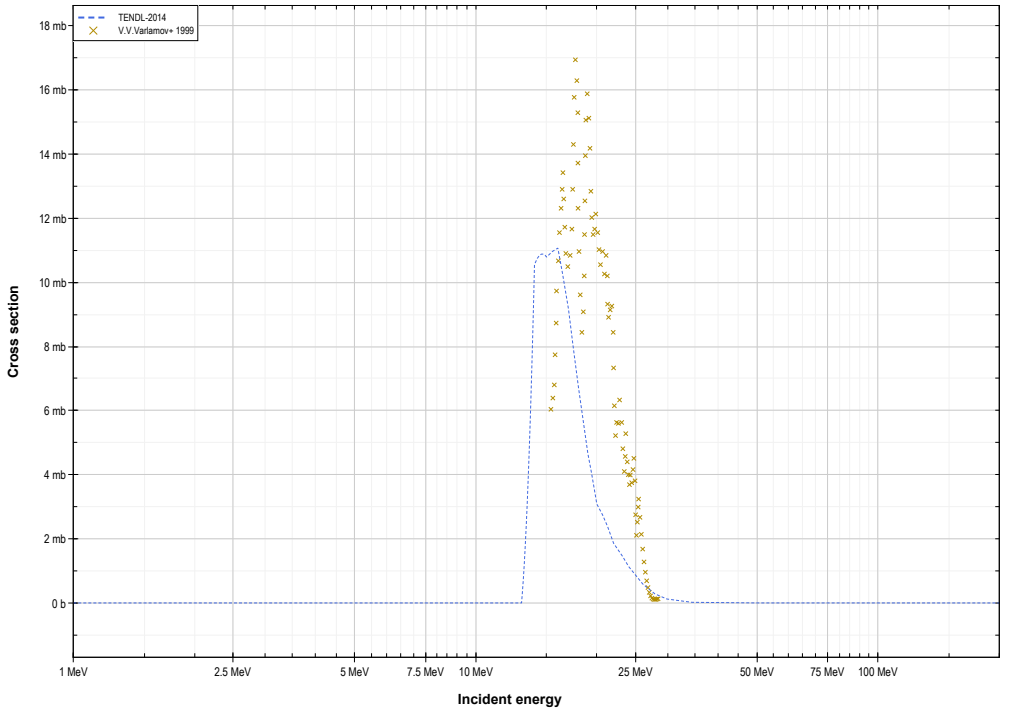
Reaction	Q-Value
Ne20(γ,d)F18	-21051.35 keV
Ne20(γ,n+p)F18	-23275.92 keV

<< 8-O-18	**10-Ne-20**	10-Ne-22 >>
<< MT28 (γ,n+p)	**MT103 (γ,p) or MT5 (F19 production)**	10-Ne-22 MT4 (γ,n) >>

Ne20 (γ,p) log-log



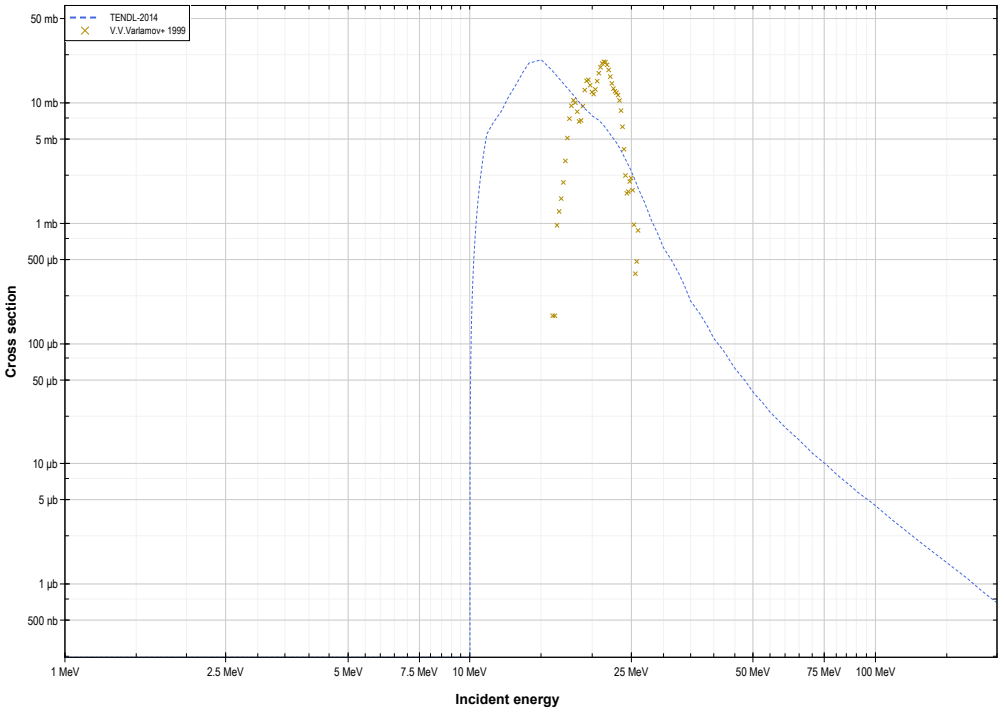
Ne20 (γ,p) lin-log



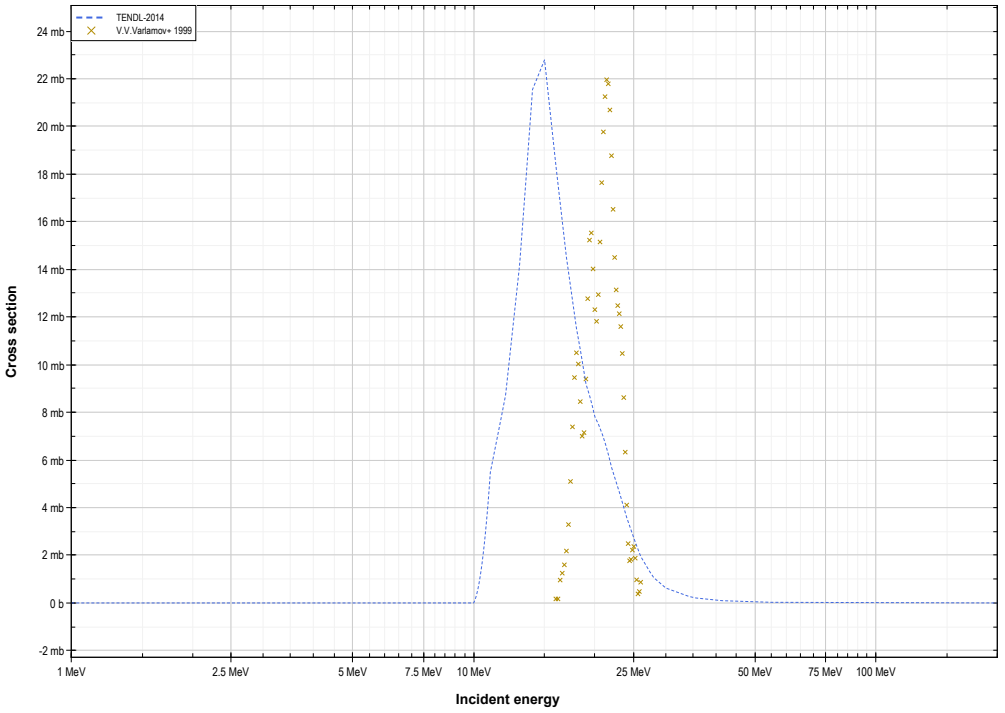
Reaction	Q-Value
Ne20(γ,p)F19	-12843.51 keV

<< 10-Ne-20	**10-Ne-22**	12-Mg-26 >>
<< 10-Ne-20 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Ne21 production)**	MT103 (γ,p) >>

Ne22 (γ,n) log-log



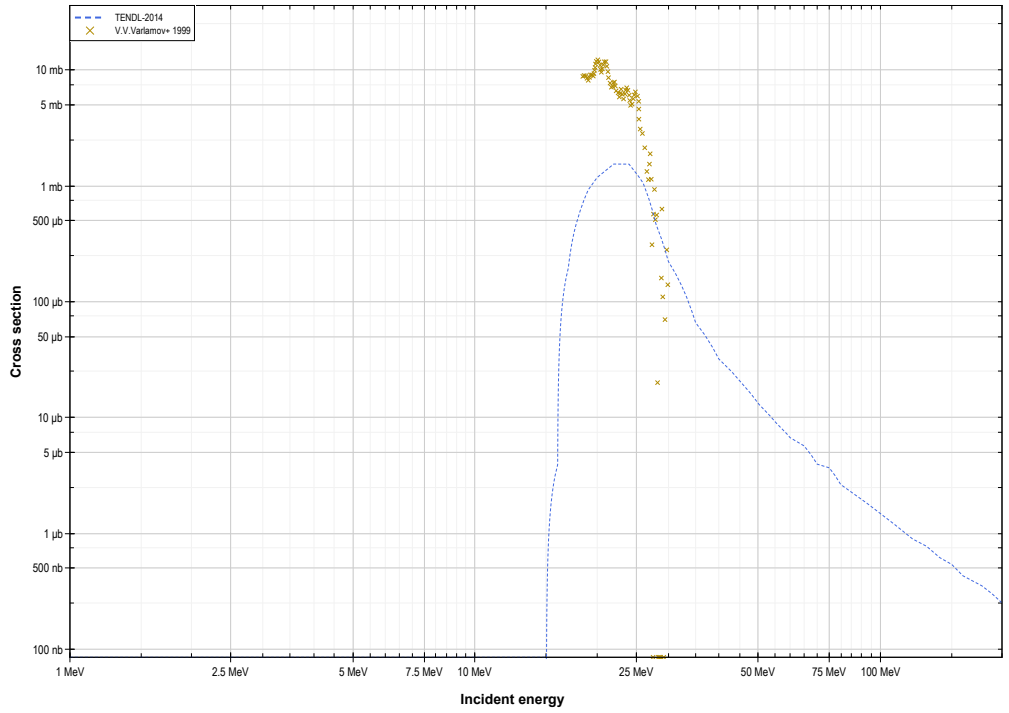
Ne22 (γ,n) lin-log



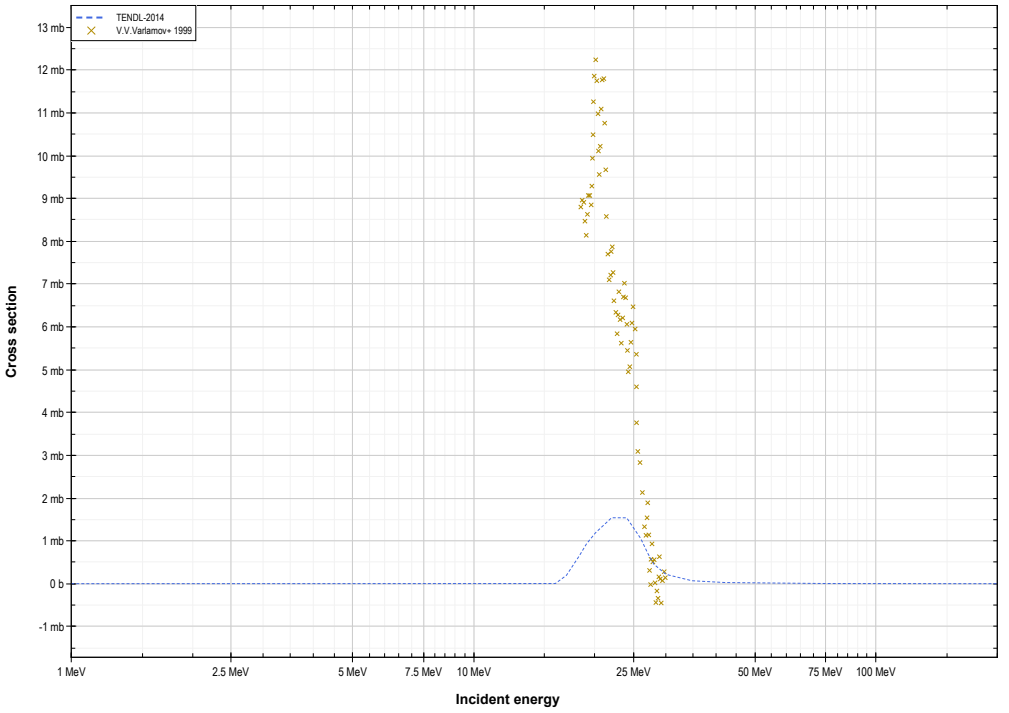
Reaction	Q-Value
Ne22(γ,n)Ne21	-10364.25 keV

<< 10-Ne-20	**10-Ne-22**	13-Al-27 >>
<< MT4 (γ,n)	**MT103 (γ,p) or MT5 (F21 production)**	12-Mg-26 MT4 (γ,n) >>

Ne22 (γ,p) log-log



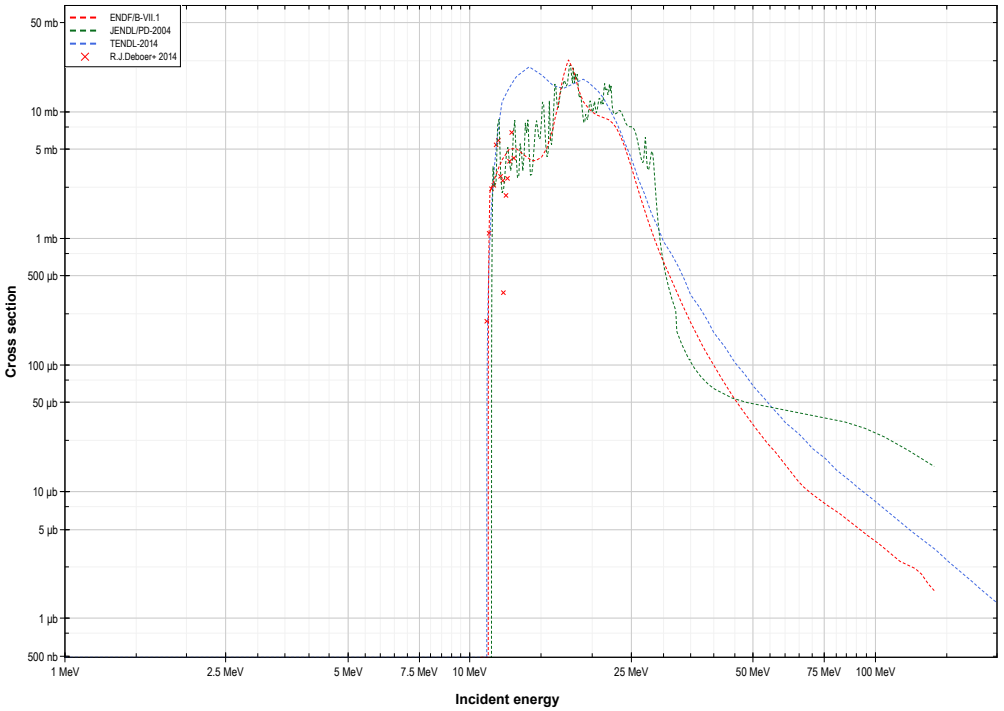
Ne22 (γ,p) lin-log



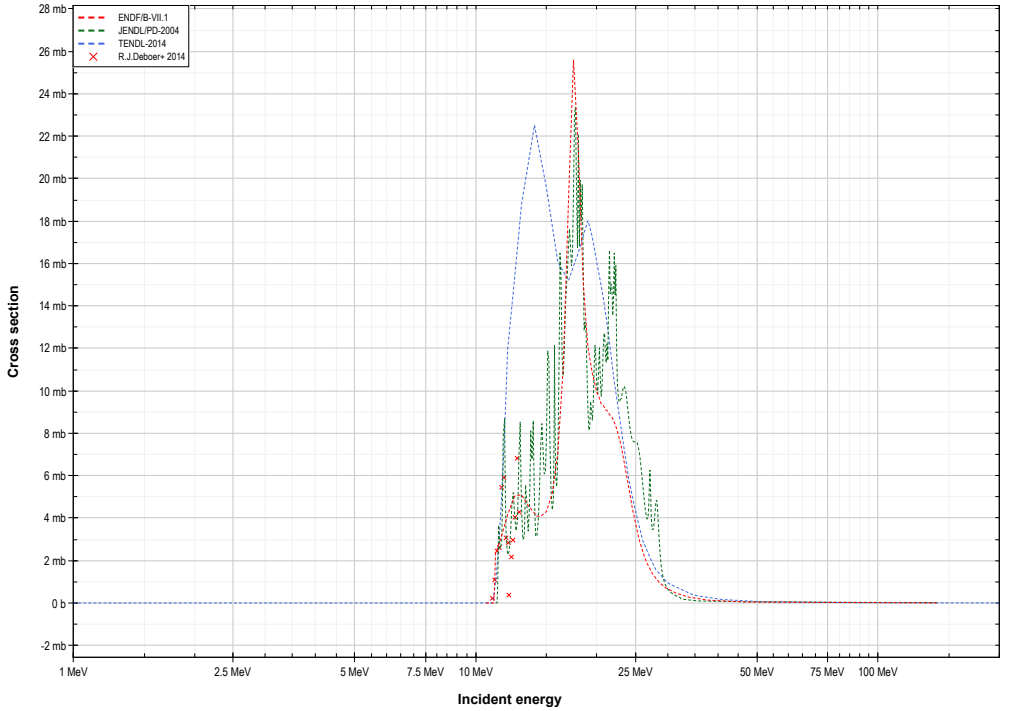
Reaction	Q-Value
Ne22(γ,p)F21	-15266.09 keV

<< 10-Ne-22	**12-Mg-26**	13-Al-27 >>
<< 10-Ne-22 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Mg25 production)**	MT16 (γ,2n) >>

Mg26 (γ,n) log-log



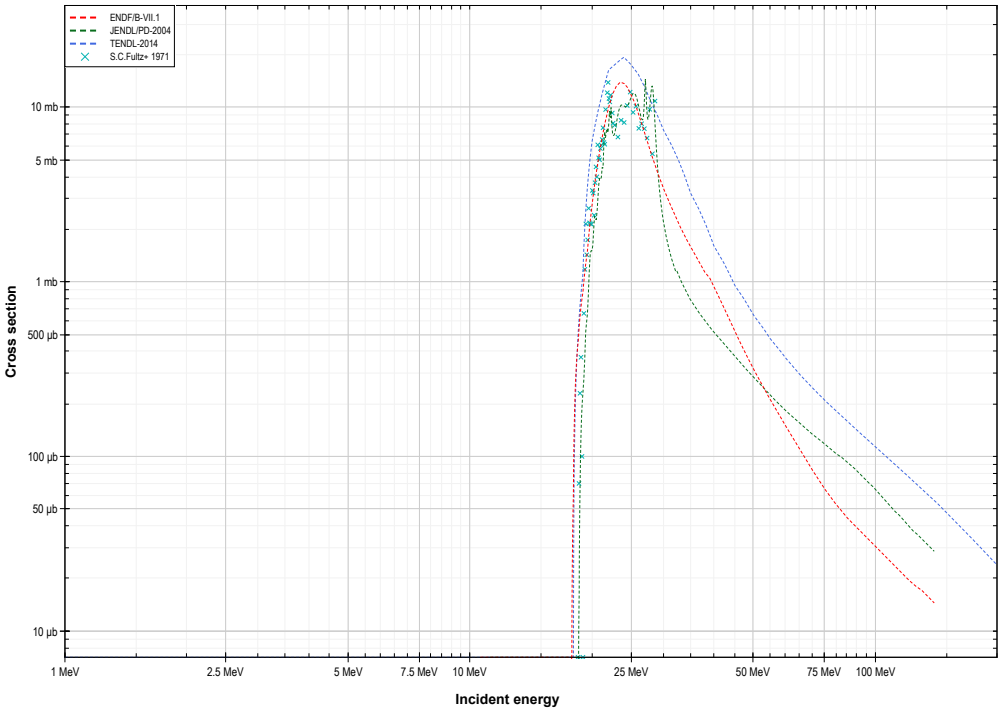
Mg26 (γ,n) lin-log



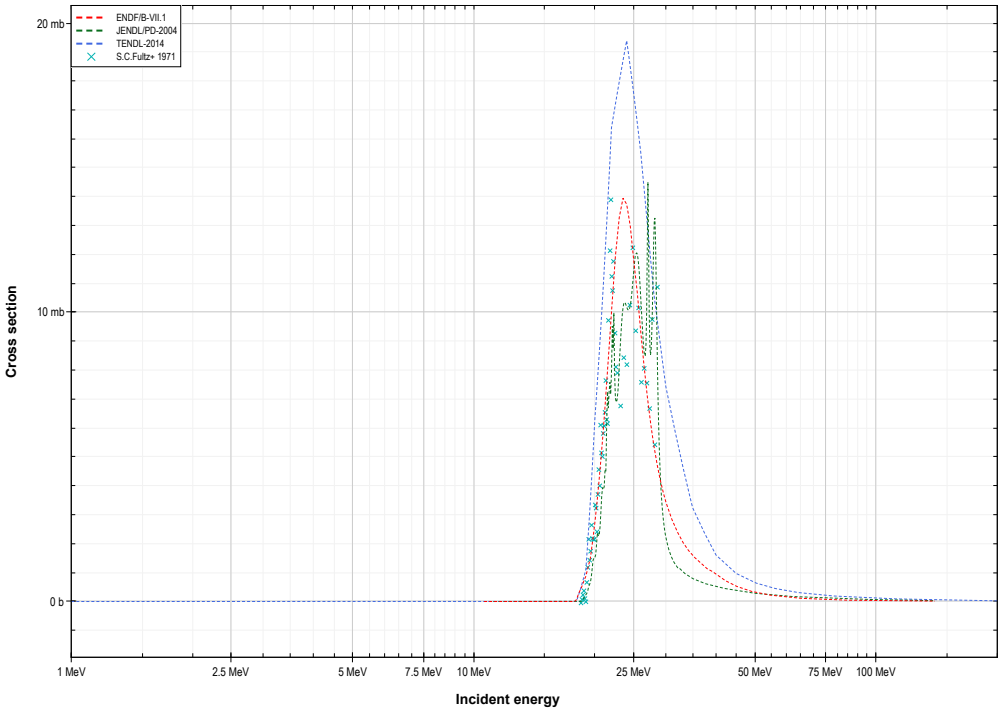
Reaction	Q-Value
Mg26(γ,n)Mg25	-11093.07 keV

<< 9-F-19	**12-Mg-26**	15-P-31 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Mg24 production)**	13-Al-27 MT4 (γ,n) >>

Mg26 (γ,2n) log-log



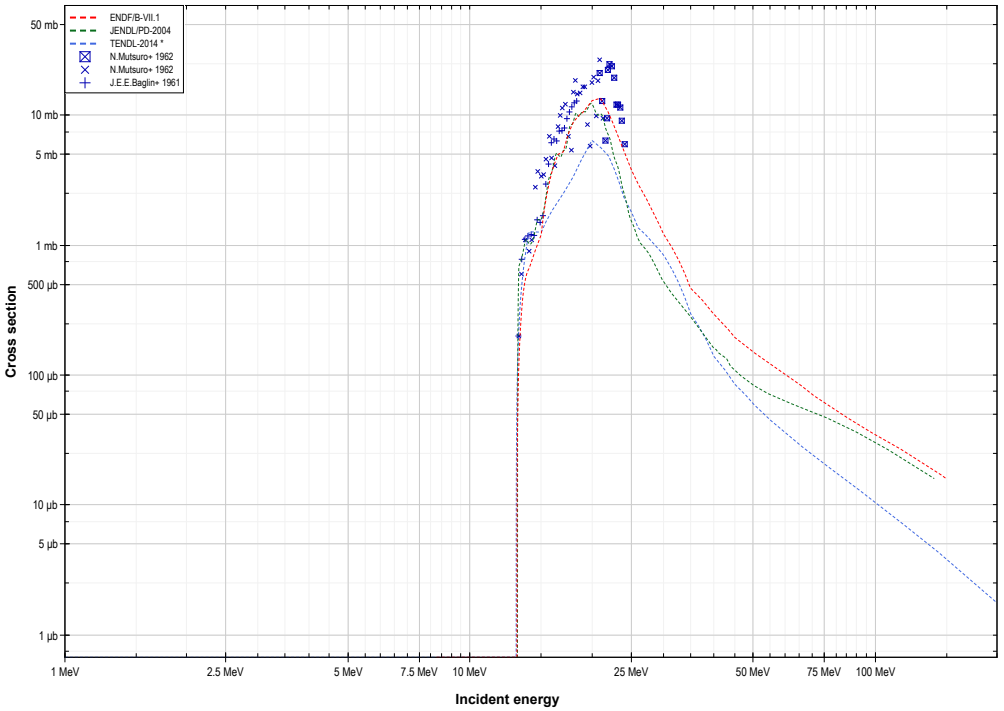
Mg26 (γ,2n) lin-log



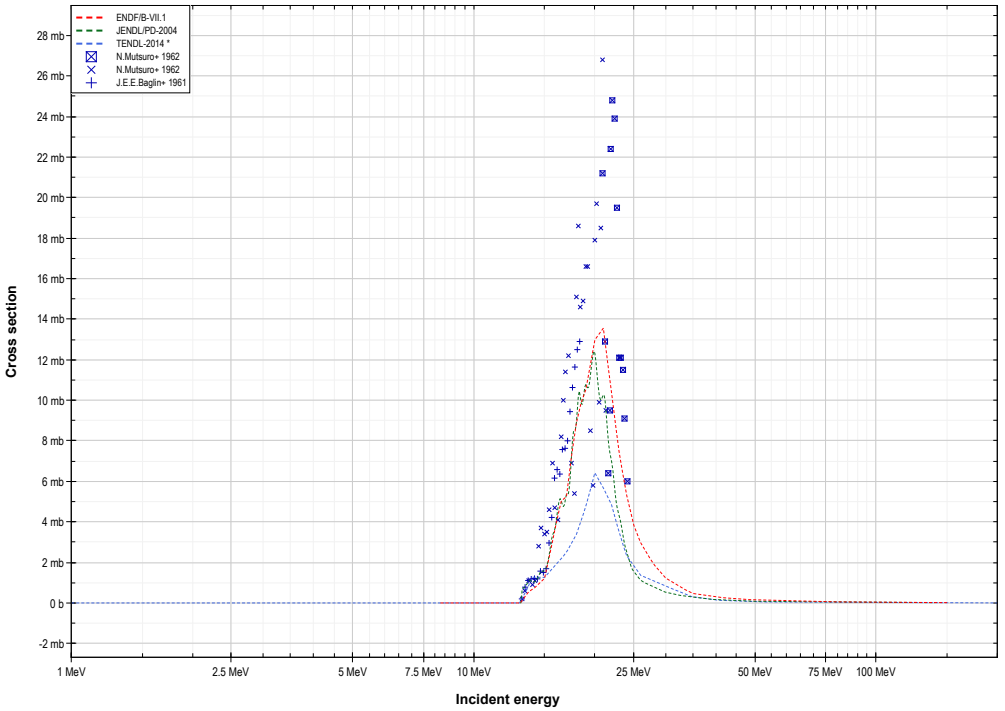
Reaction	Q-Value
Mg26(γ,2n)Mg24	-18423.65 keV

<< 12-Mg-26	**13-Al-27**	14-Si-28 >>
<< 12-Mg-26 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Al26 production)**	MT103 (γ,p) >>

Al27 (γ,n) log-log



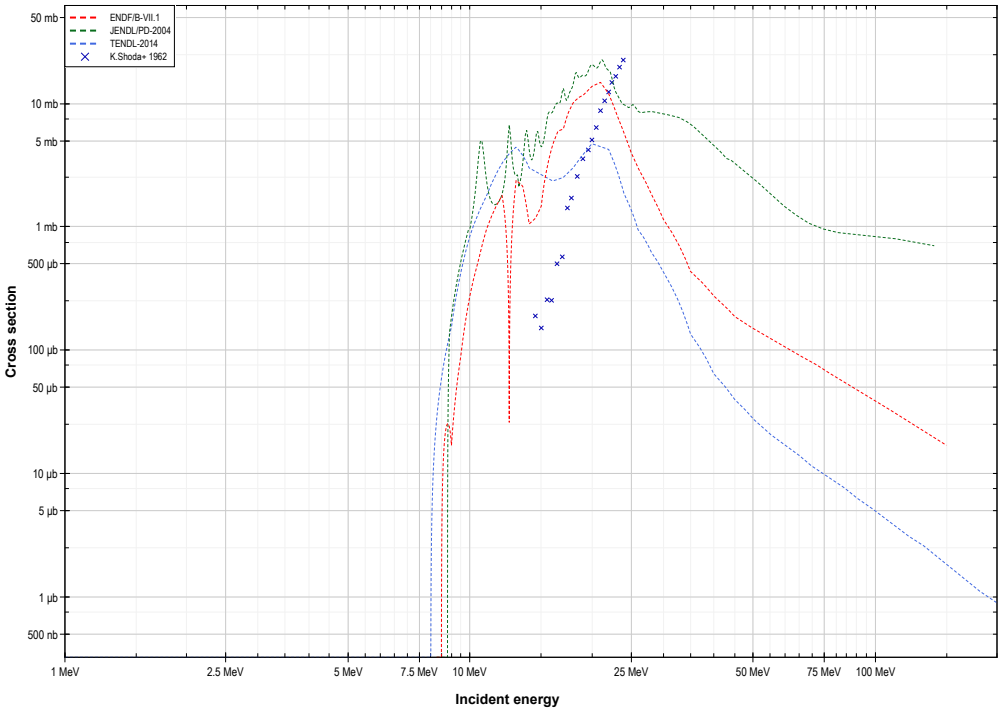
Al27 (γ,n) lin-log



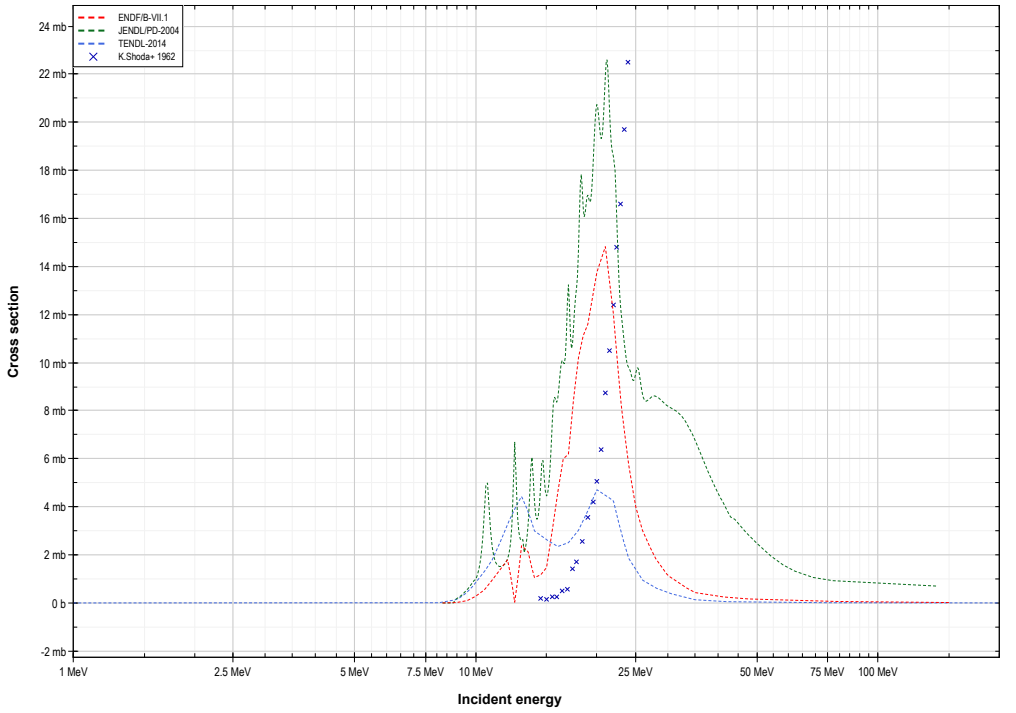
Reaction	Q-Value
Al27(γ,n)Al26	-13057.67 keV

<< 10-Ne-22	**13-Al-27**	14-Si-28 >>
<< MT4 (γ,n)	**MT103 (γ,p) or MT5 (Mg26 production)**	14-Si-28 MT4 (γ,n) >>

Al27 (γ,p) log-log



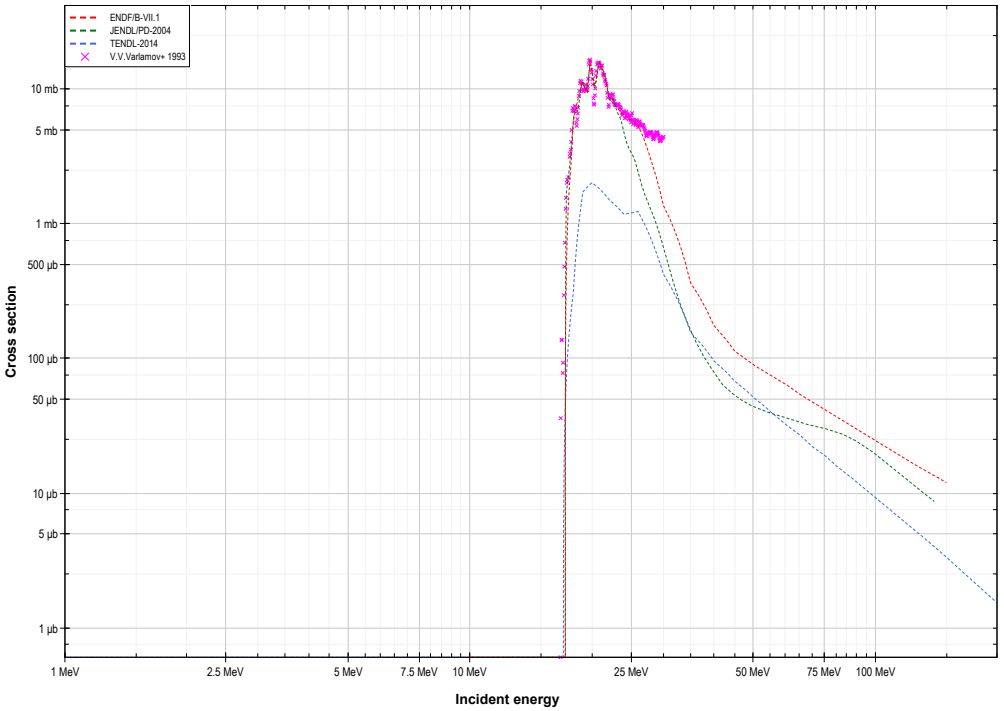
Al27 (γ,p) lin-log



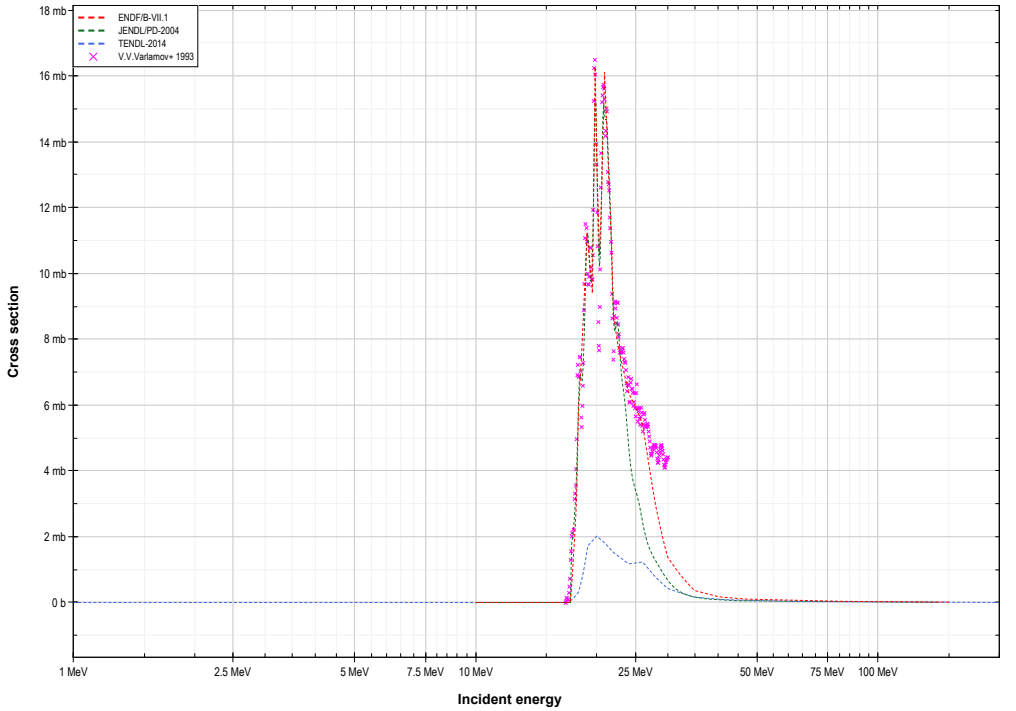
Reaction	Q-Value
Al27(γ,p)Mg26	-8271.05 keV

<< 13-Al-27	**14-Si-28**	14-Si-29 >>
<< 13-Al-27 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Si27 production)**	MT103 (γ,p) >>

Si28 (γ,n) log-log



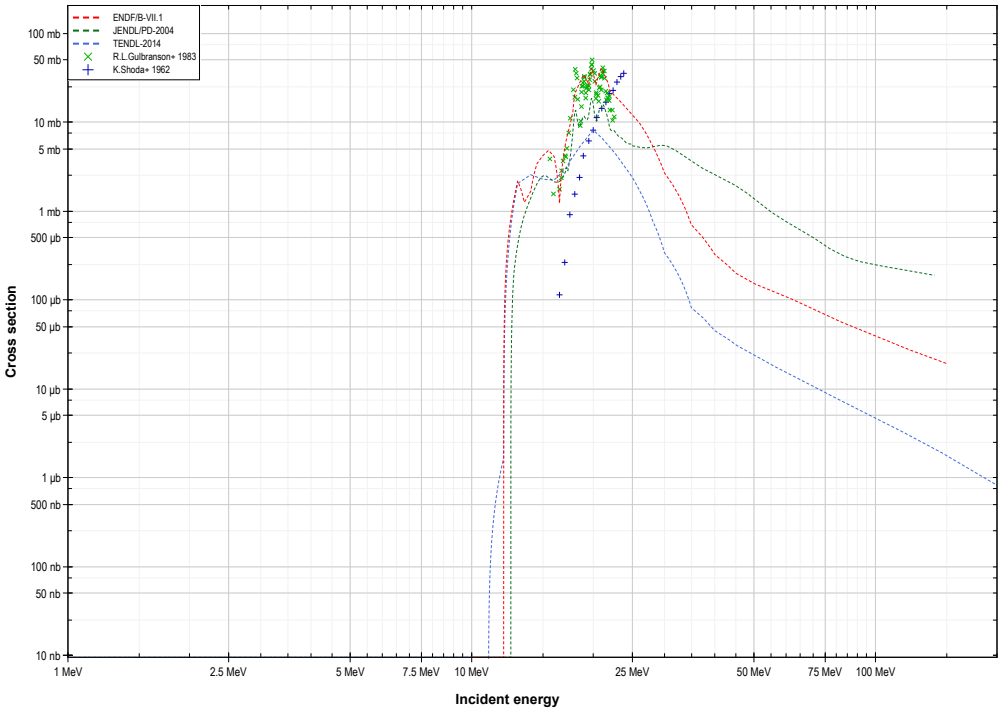
Si28 (γ,n) lin-log



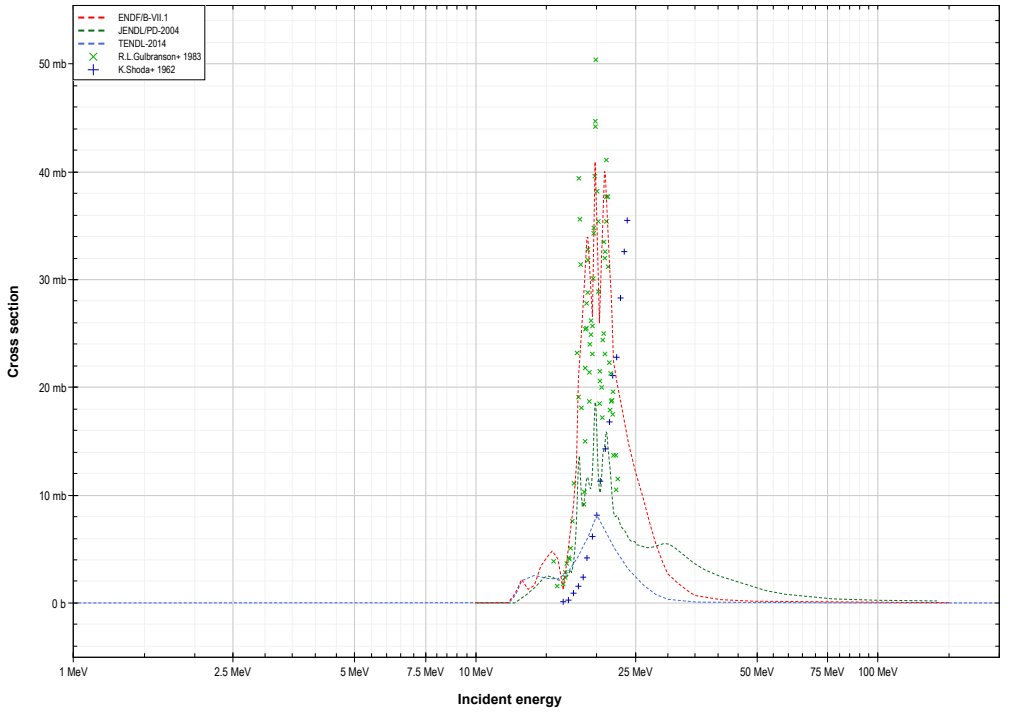
Reaction	Q-Value
Si28(γ,n)Si27	-17179.81 keV

<< 13-Al-27	**14-Si-28**	15-P-31 >>
<< MT4 (γ,n)	**MT103 (γ,p) or MT5 (Al27 production)**	14-Si-29 MT4 (γ,n) >>

Si28 (γ,p) log-log



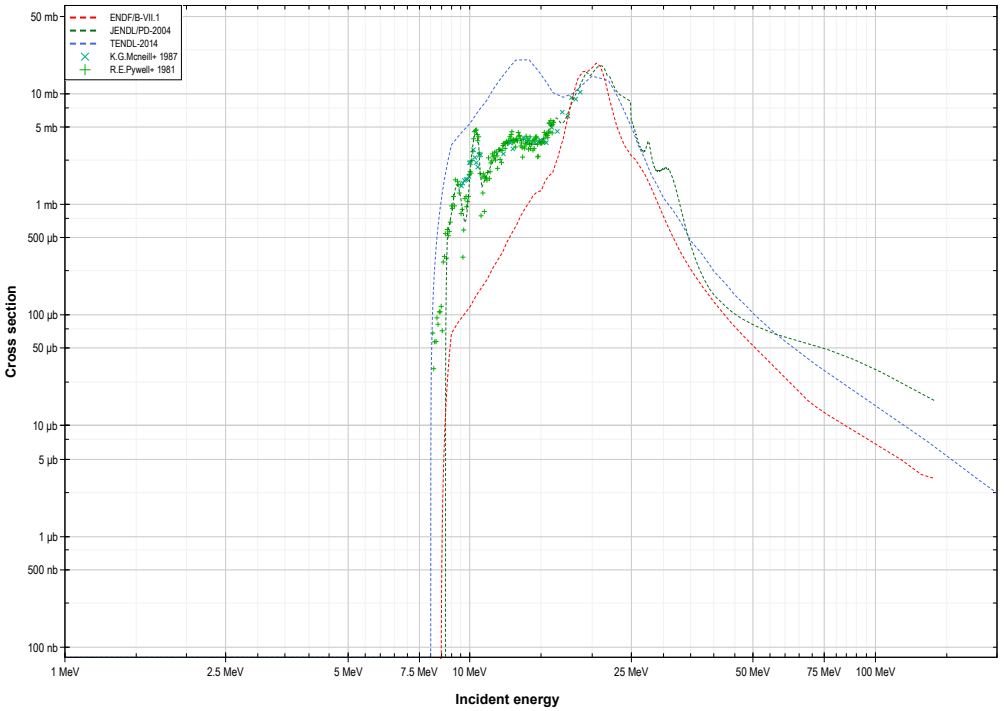
Si28 (γ,p) lin-log



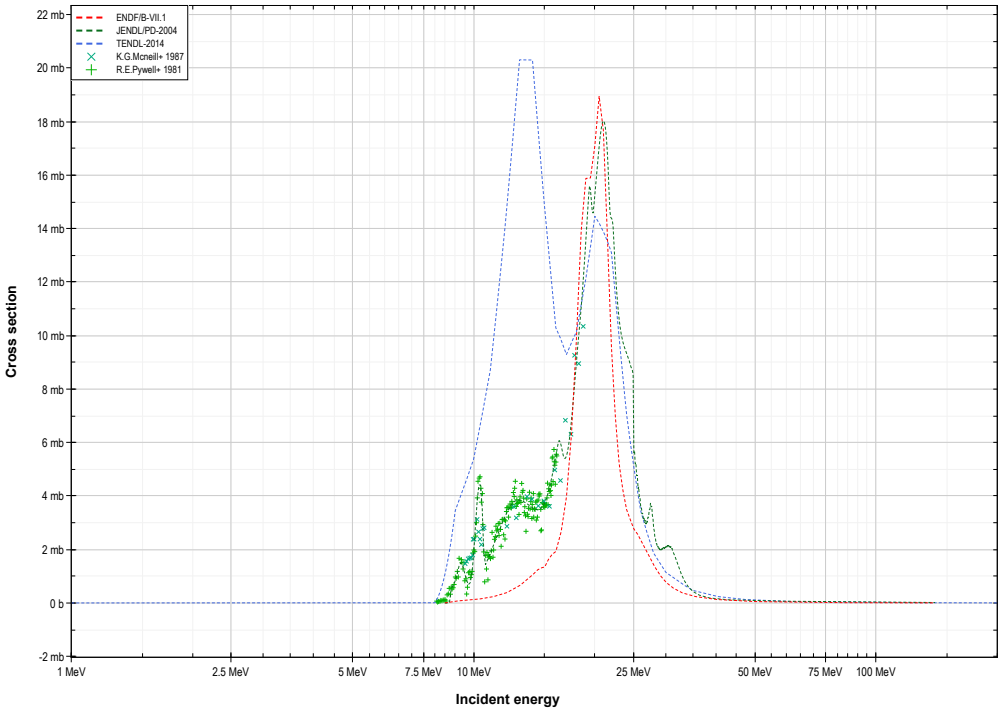
Reaction	Q-Value
Si28(γ,p)Al27	-11585.11 keV

<< 14-Si-28	**14-Si-29**	15-P-31 >>
<< 14-Si-28 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Si28 production)**	15-P-31 MT4 (γ,n) >>

Si29 (γ,n) log-log



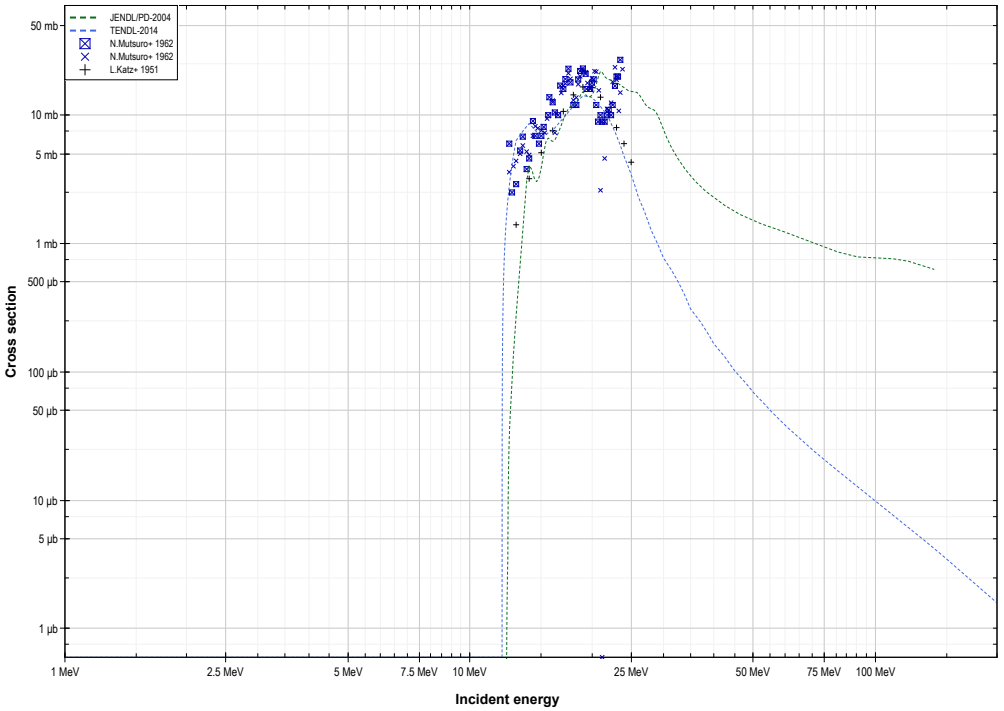
Si29 (γ,n) lin-log



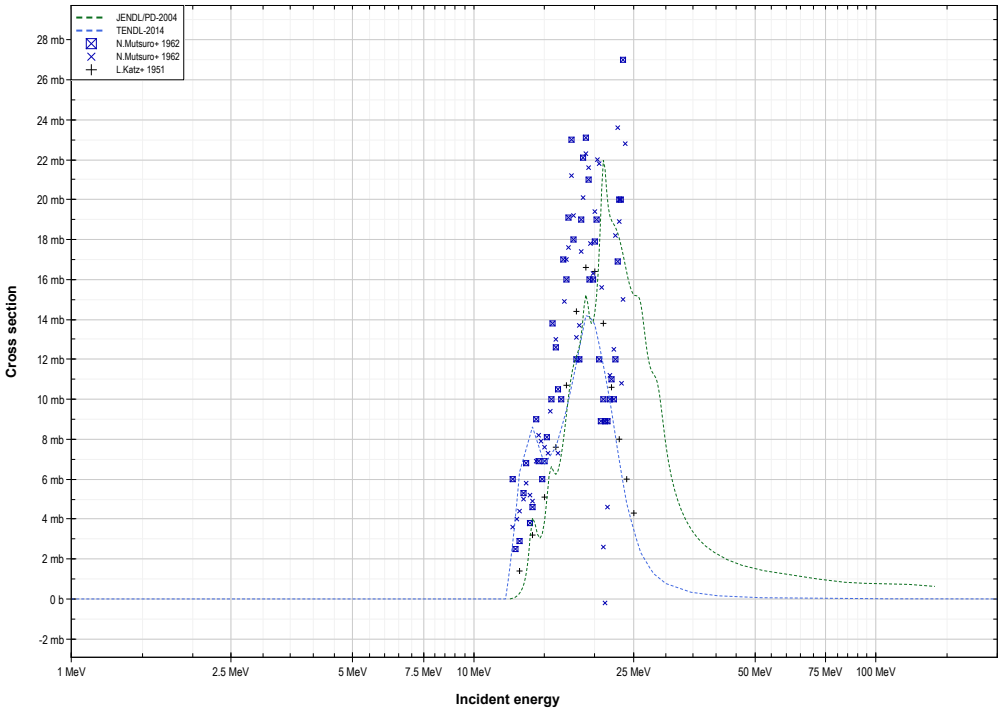
Reaction	Q-Value
Si29(γ,n)Si28	-8473.57 keV

<< 14-Si-29	**15-P-31**	16-S-32 >>
<< 14-Si-29 MT4 (γ,n)	**MT4 (γ,n) or MT5 (P30 production)**	MT16 (γ,2n) >>

P31 (γ,n) log-log



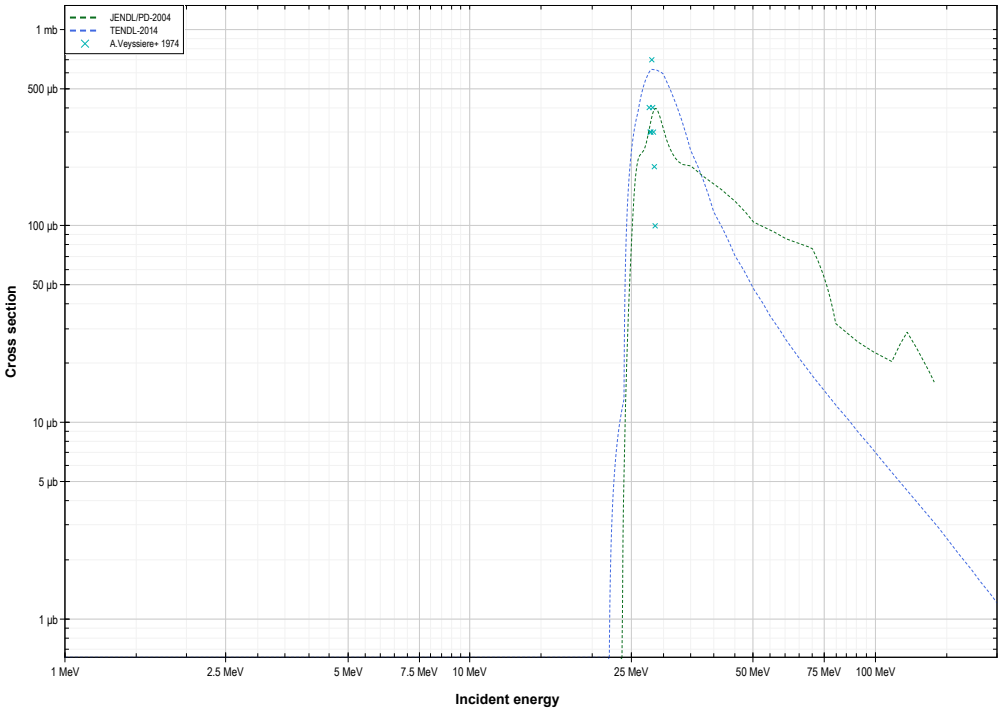
P31 (γ,n) lin-log



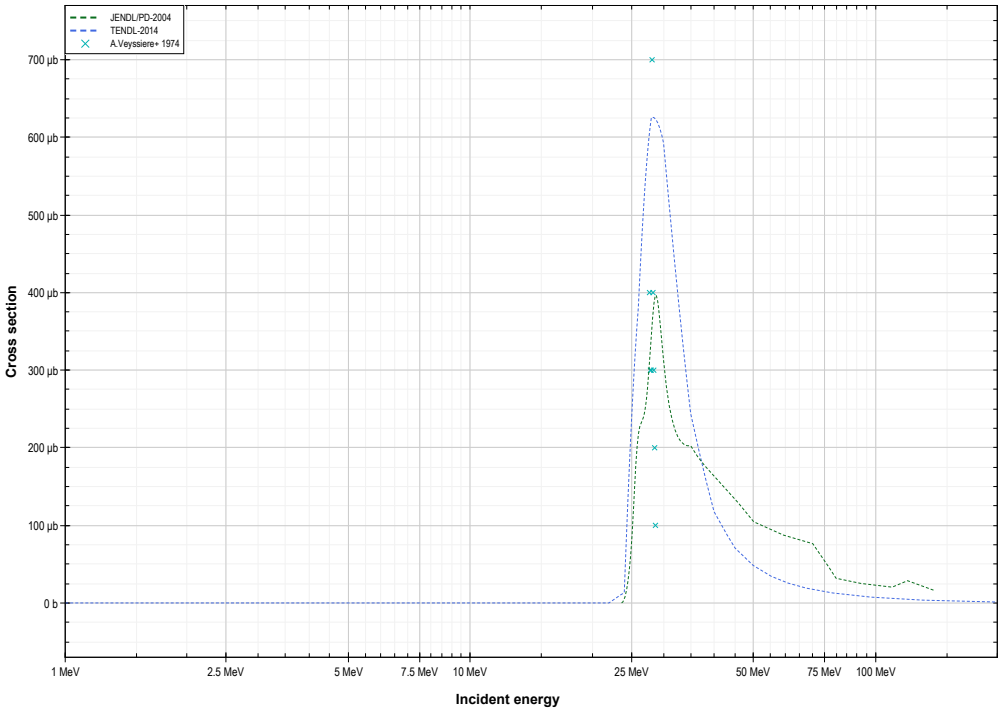
Reaction	Q-Value
P31(γ,n)P30	-12311.60 keV

<< 12-Mg-26	**15-P-31**	16-S-32 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (P29 production)**	MT28 (γ,n+p) >>

P31 (γ,2n) log-log



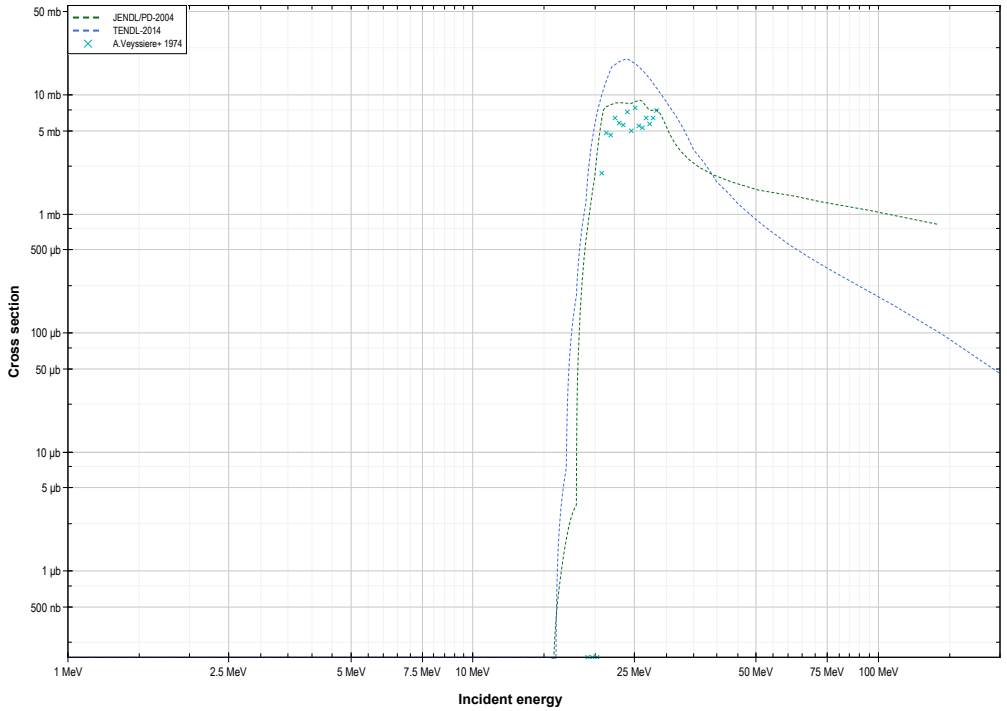
P31 (γ,2n) lin-log



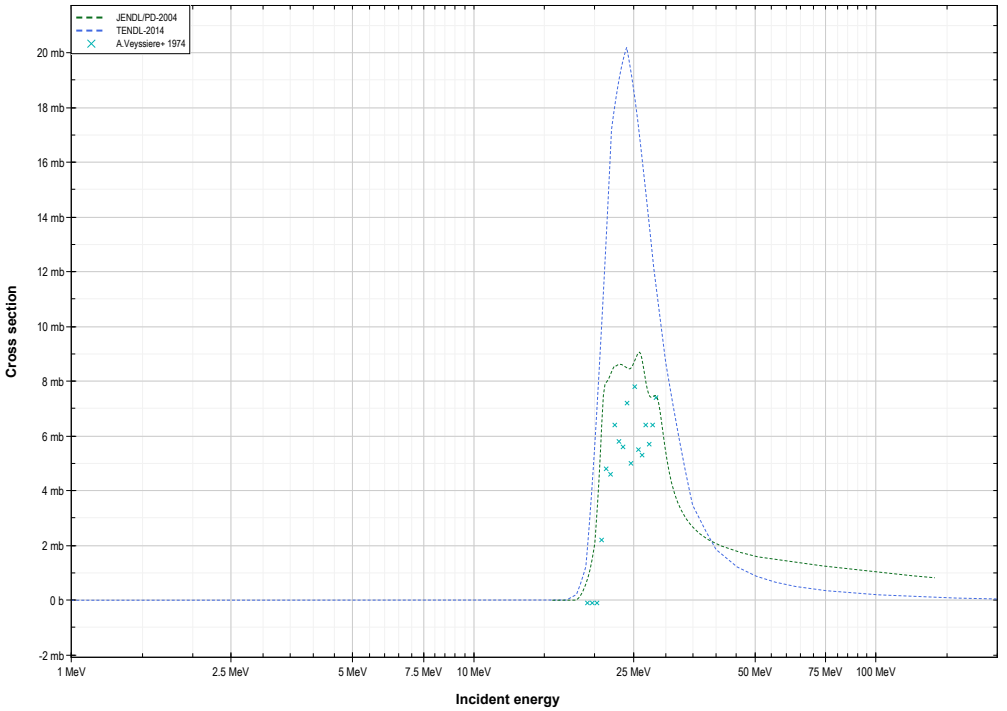
Reaction	Q-Value
P31(γ,2n)P29	-23630.91 keV

<< 10-Ne-20	**15-P-31**	16-S-32 >>
<< MT16 (γ,2n)	**MT28 (γ,n+p) or MT5 (Si29 production)**	MT103 (γ,p) >>

P31 (γ,n+p) log-log



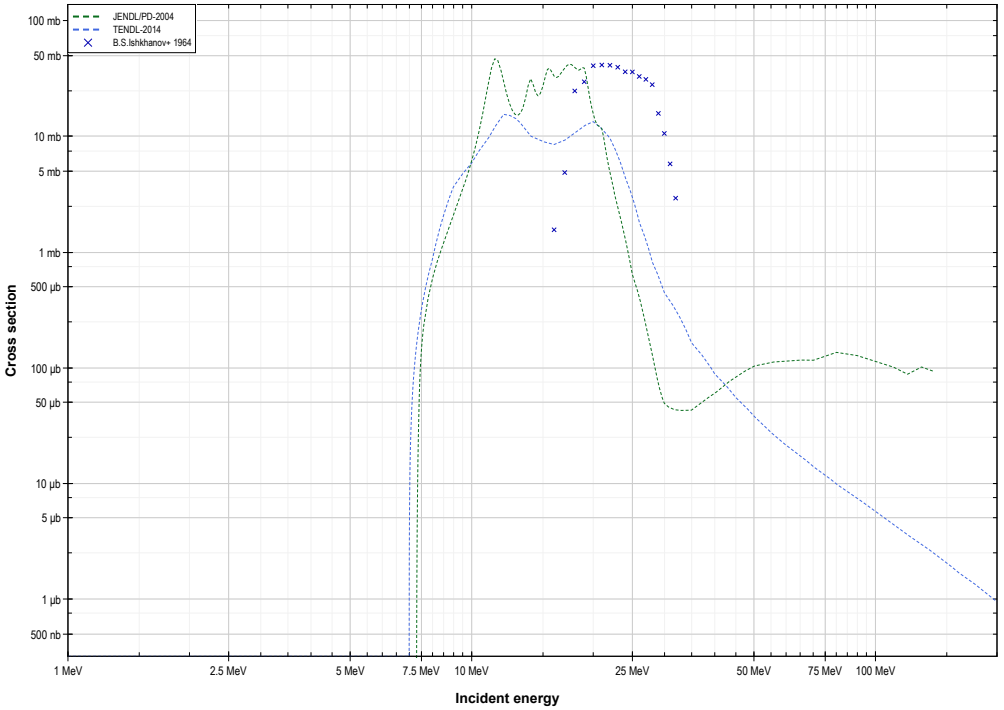
P31 (γ,n+p) lin-log



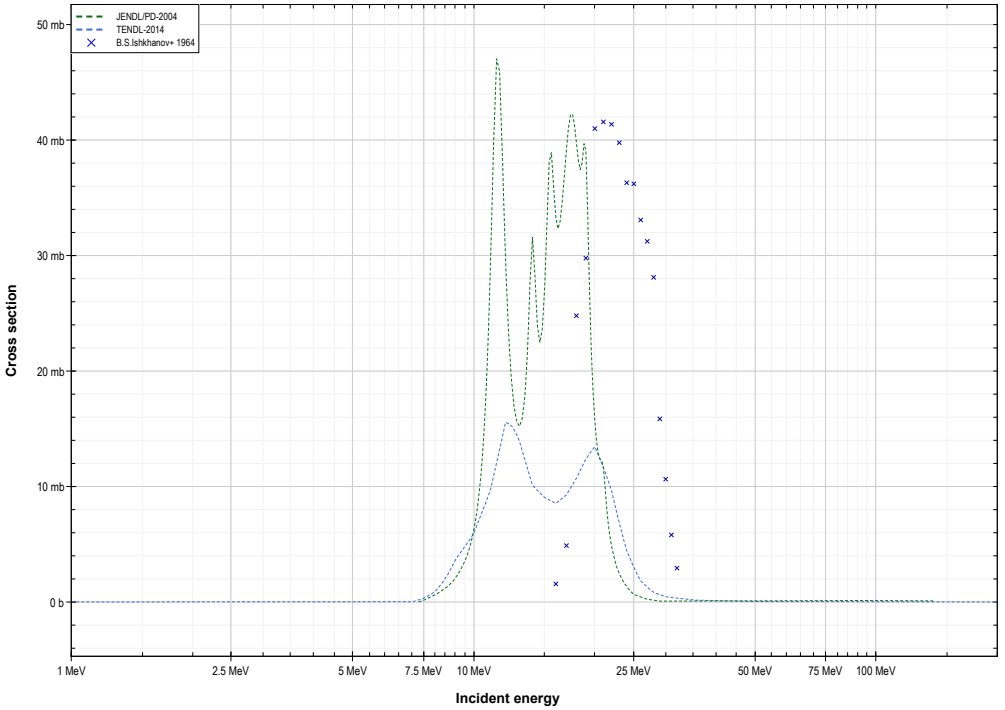
Reaction	Q-Value
P31(γ,d)Si29	-15681.56 keV
P31(γ,n+p)Si29	-17906.12 keV

<< 14-Si-28	**15-P-31**	16-S-32 >>
<< MT28 (γ,n+p)	**MT103 (γ,p) or MT5 (Si30 production)**	16-S-32 MT4 (γ,n) >>

P31 (γ,p) log-log



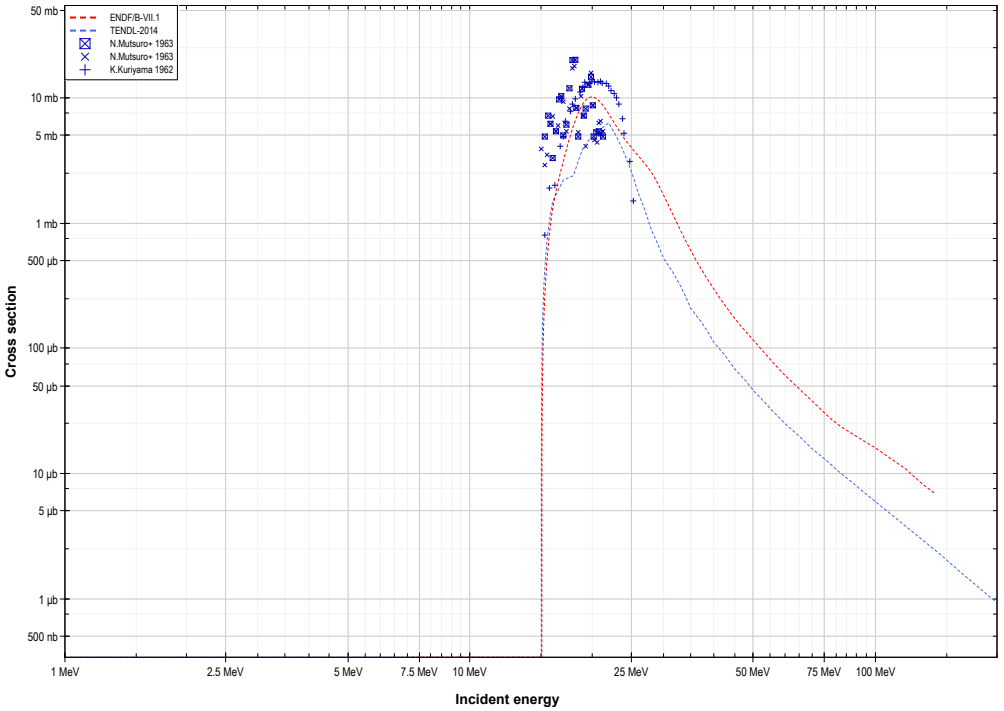
P31 (γ,p) lin-log



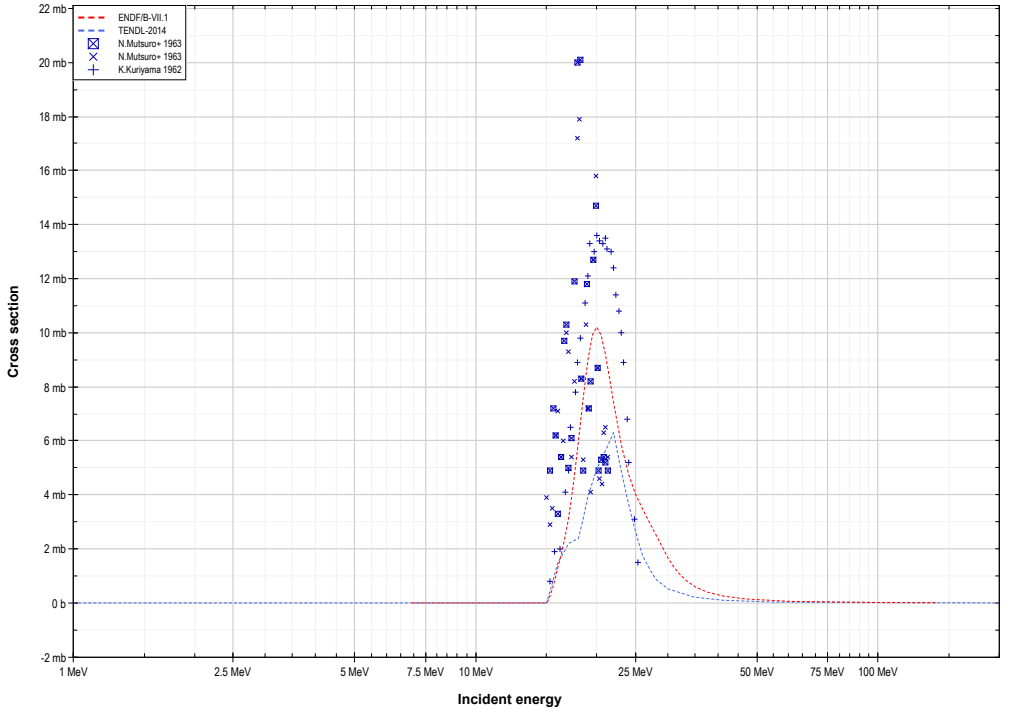
Reaction	Q-Value
P31(γ,p)Si30	-7296.92 keV

<< 15-P-31	**16-S-32**	17-Cl-35 >>
<< 15-P-31 MT103 (γ,p)	**MT4 (γ,n) or MT5 (S31 production)**	MT16 (γ,2n) >>

S32 (γ,n) log-log



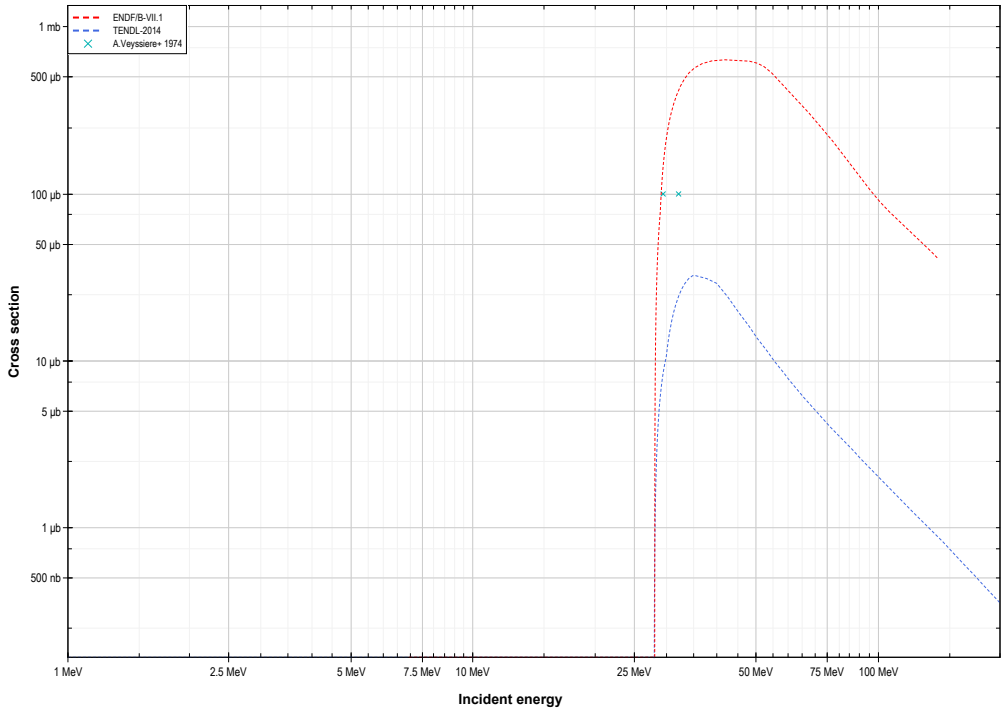
S32 (γ,n) lin-log



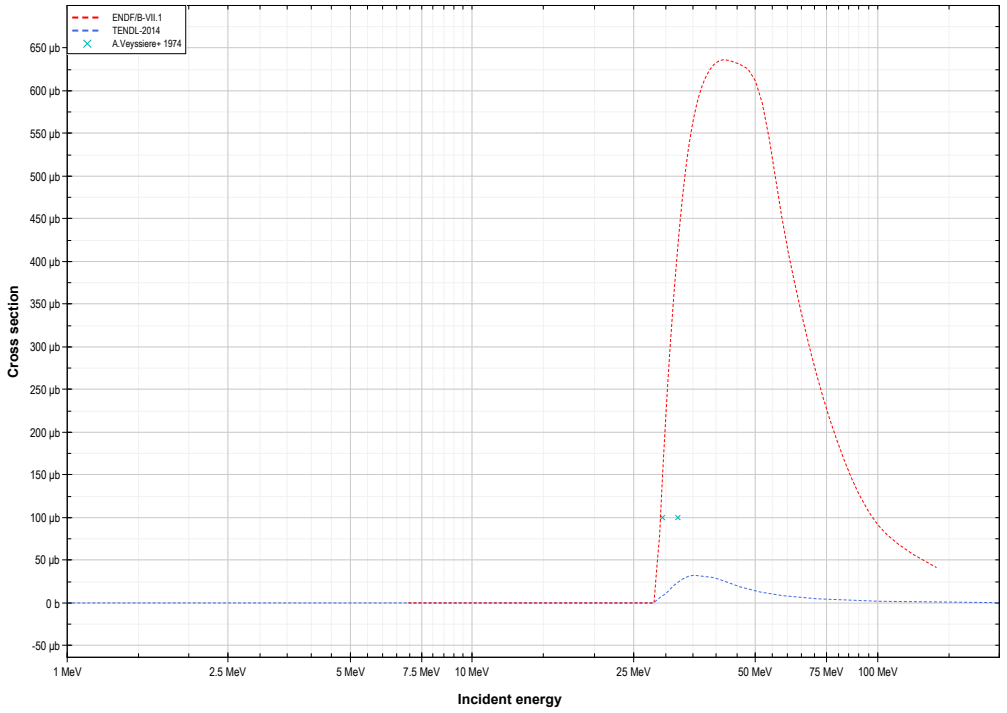
Reaction	Q-Value
S32(γ,n)S31	-15042.42 keV

<< 15-P-31	**16-S-32**	16-S-34 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (S30 production)**	MT28 (γ,n+p) >>

S32 (γ,2n) log-log



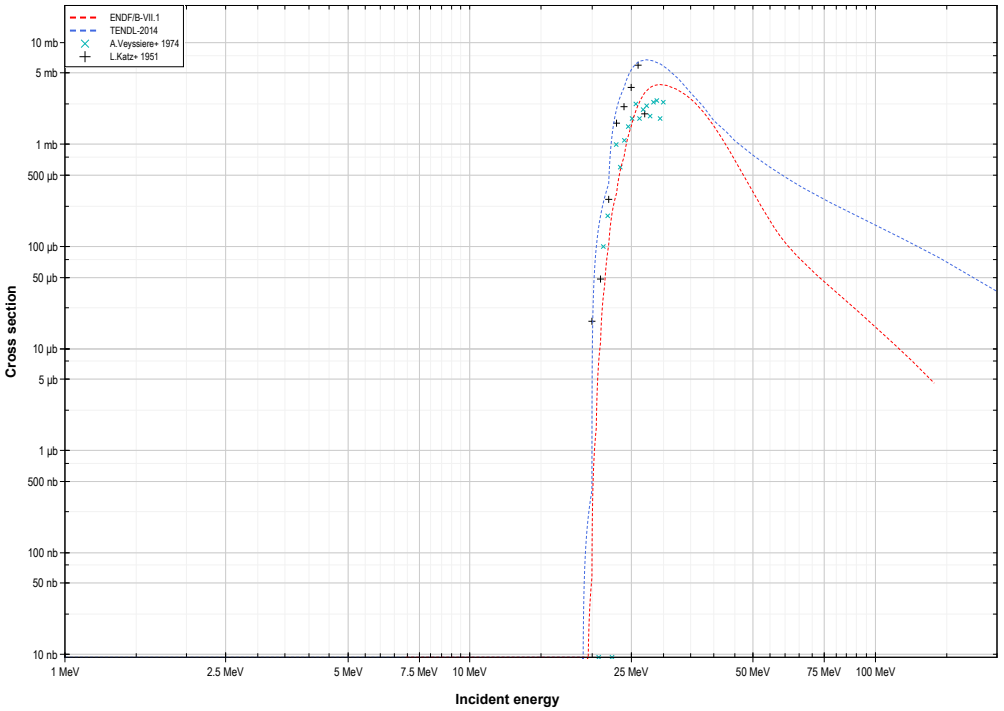
S32 (γ,2n) lin-log



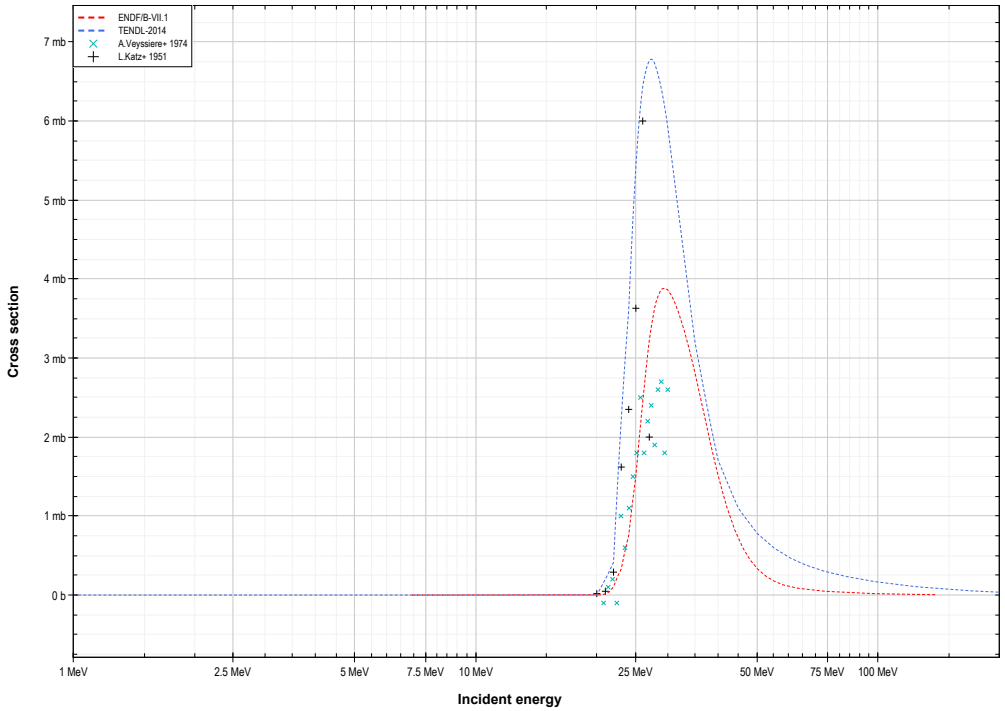
Reaction	Q-Value
S32(γ,2n)S30	-28095.33 keV

<< 15-P-31	**16-S-32**	16-S-34 >>
<< MT16 (γ,2n)	**MT28 (γ,n+p) or MT5 (P30 production)**	MT103 (γ,p) >>

S32 (γ,n+p) log-log



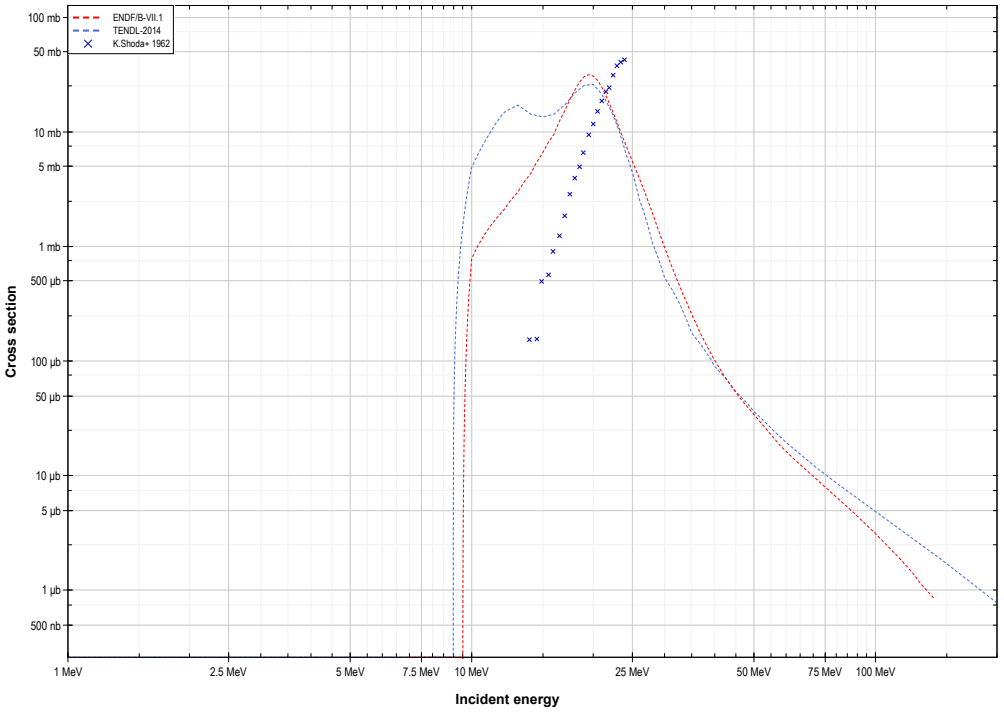
S32 (γ,n+p) lin-log



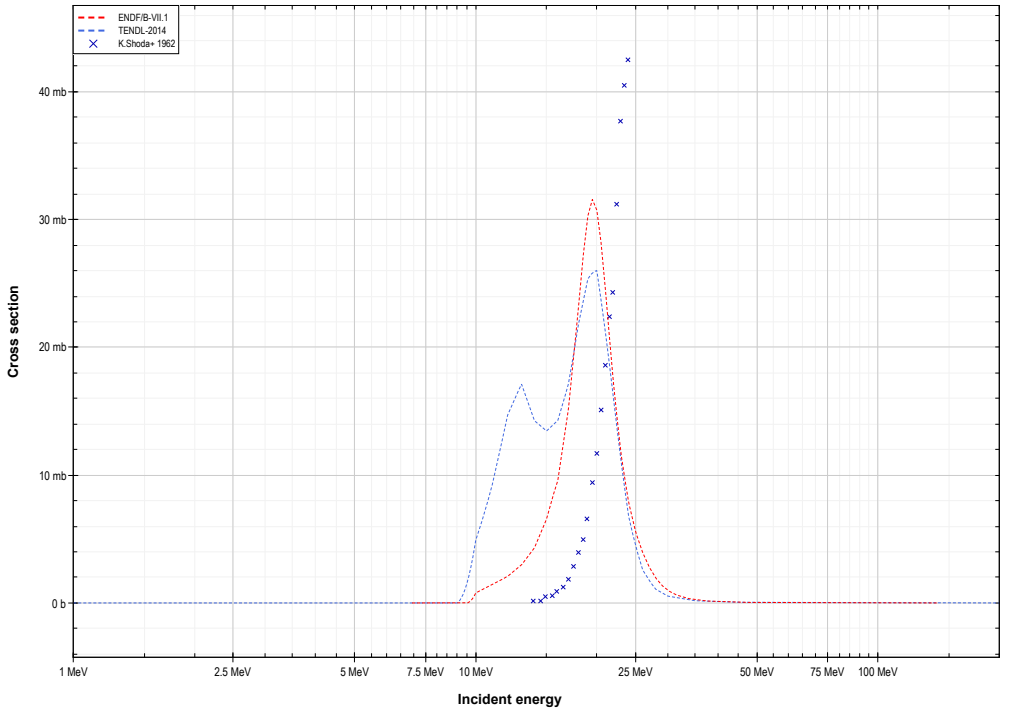
Reaction	Q-Value
S32(γ,d)P30	-18950.82 keV
S32(γ,n+p)P30	-21175.39 keV

<< 15-P-31	**16-S-32**	16-S-34 >>
<< MT28 (γ,n+p)	**MT103 (γ,p) or MT5 (P31 production)**	16-S-34 MT16 (γ,2n) >>

S32 (γ,p) log-log



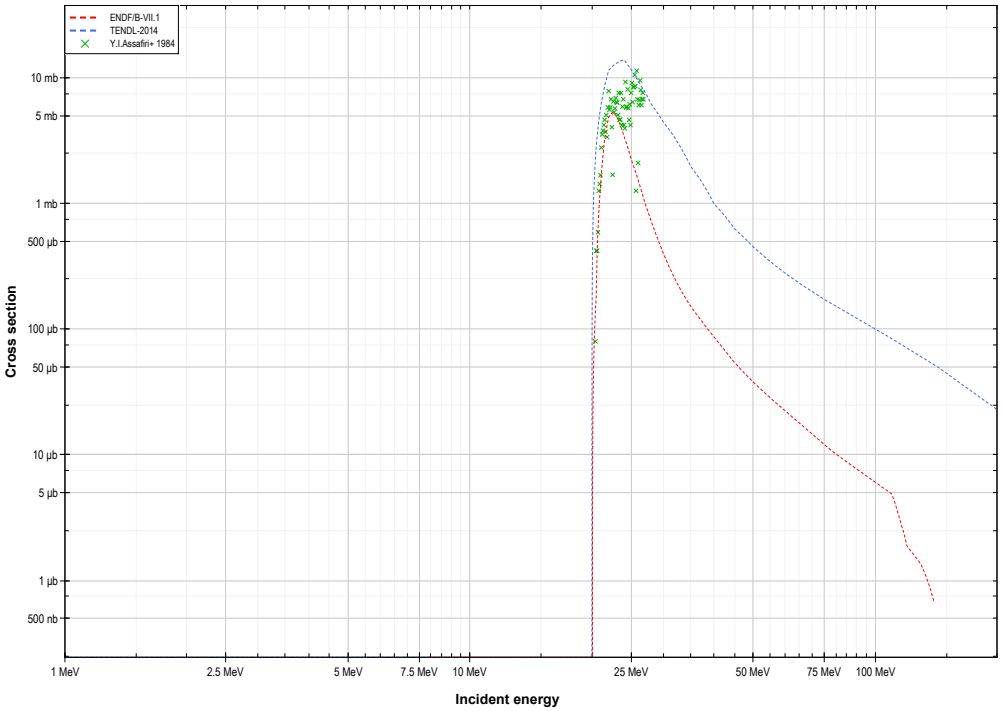
S32 (γ,p) lin-log



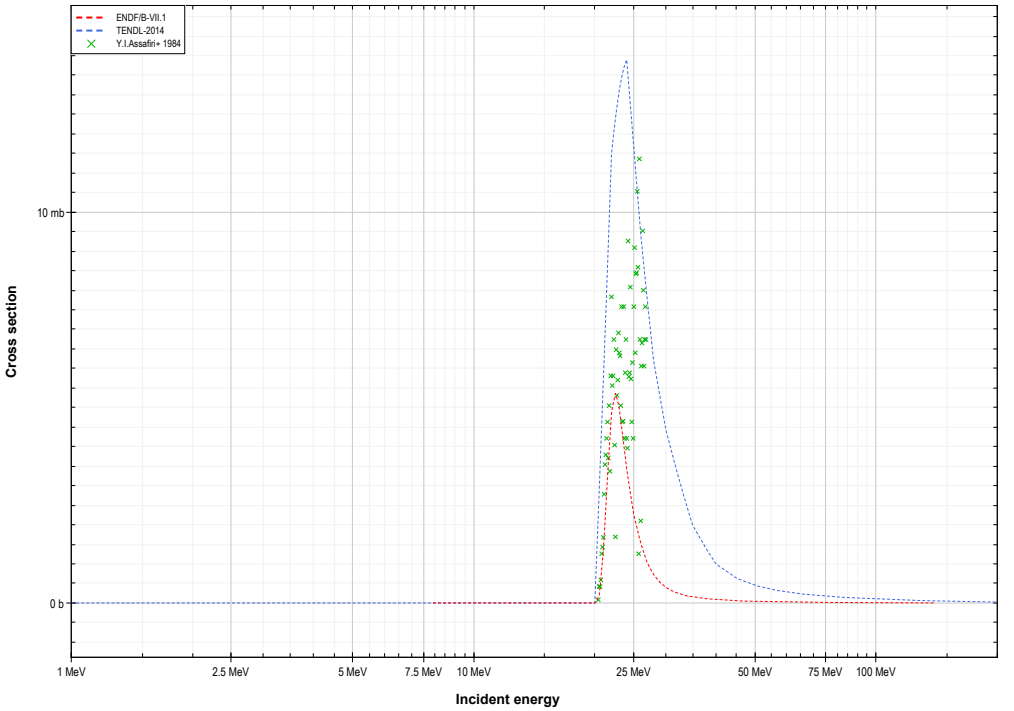
Reaction	Q-Value
S32(γ,p)P31	-8863.79 keV

<< 16-S-32	**16-S-34**	20-Ca-48 >>
<< 16-S-32 MT103 (γ,p)	**MT16 (γ,2n) or MT5 (S32 production)**	MT28 (γ,n+p) >>

S34 (γ,2n) log-log



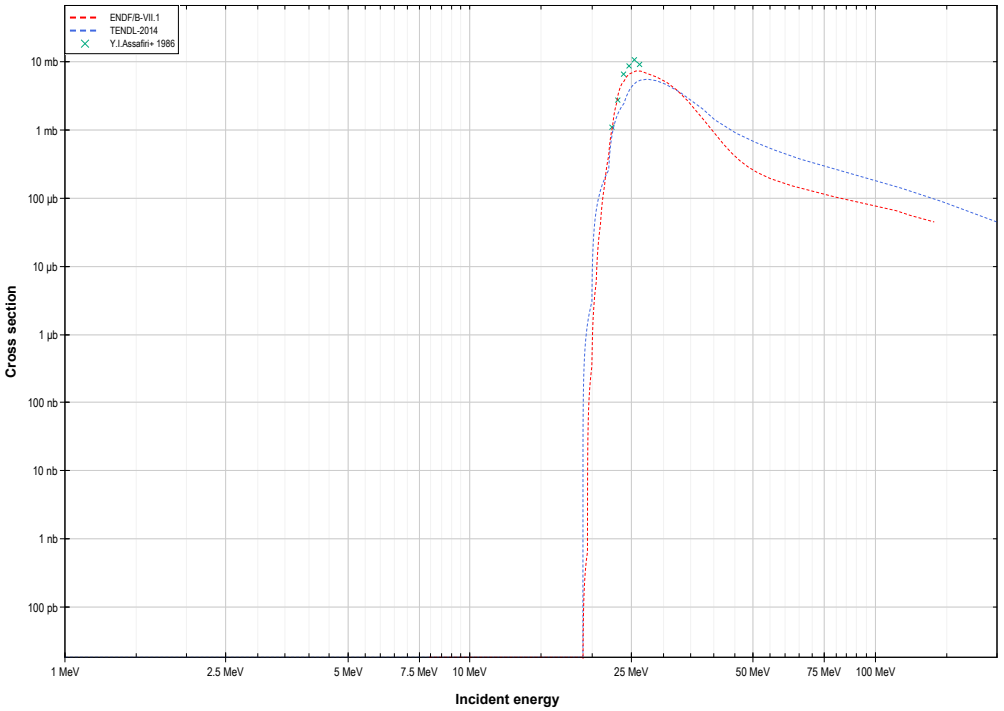
S34 (γ,2n) lin-log



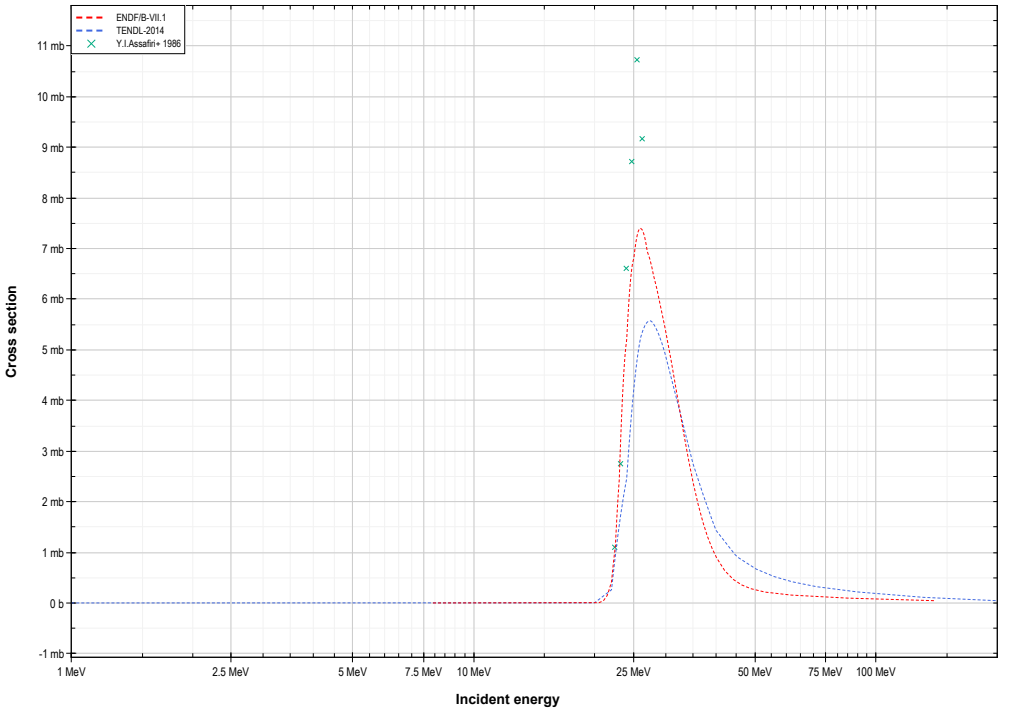
Reaction	Q-Value
S34(γ,2n)S32	-20058.72 keV

<< 16-S-32	**16-S-34**	26-Fe-54 >>
<< MT16 (γ,2n)	**MT28 (γ,n+p) or MT5 (P32 production)**	MT103 (γ,p) >>

S34 (γ,n+p) log-log



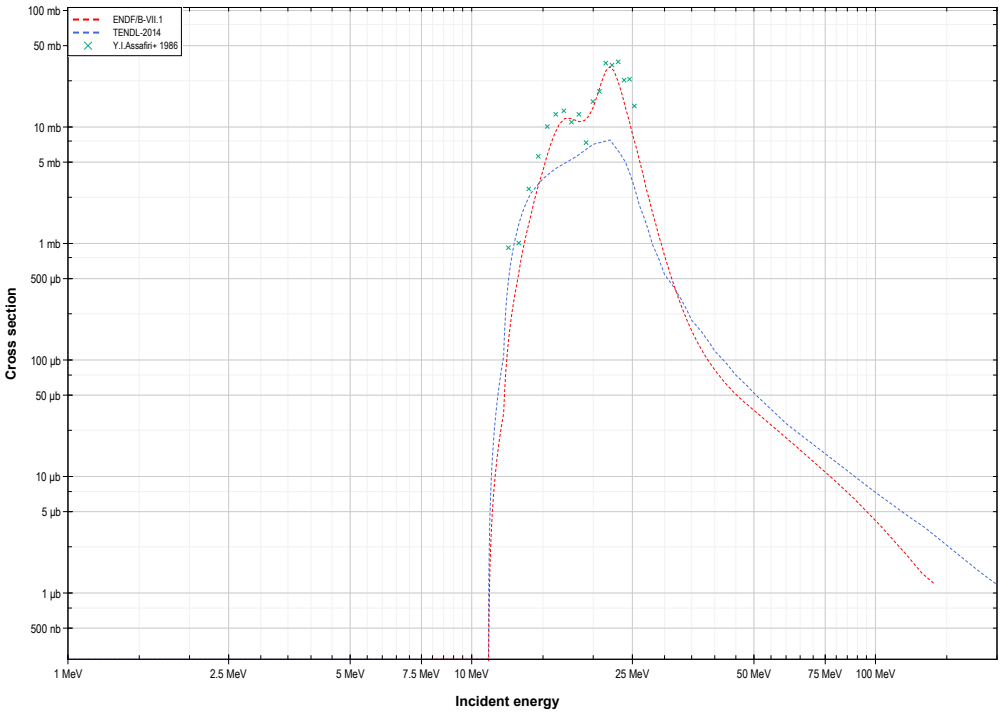
S34 (γ,n+p) lin-log



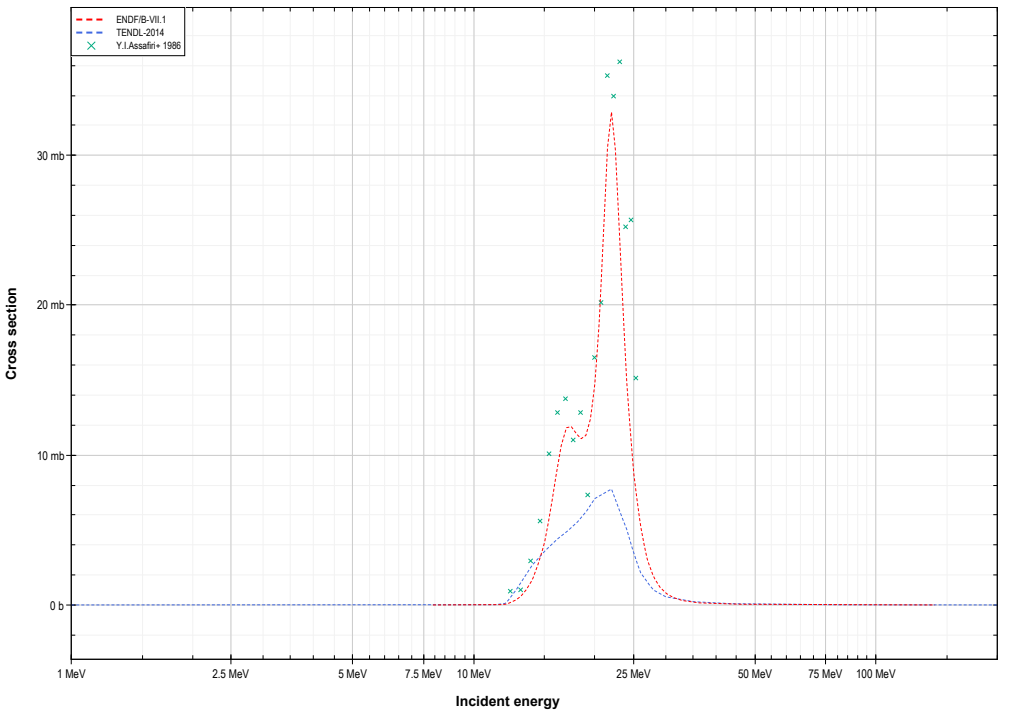
Reaction	Q-Value
S34(γ,d)P32	-18762.29 keV
S34(γ,n+p)P32	-20986.86 keV

<< 16-S-32	**16-S-34**	22-Ti-50 >>
<< MT28 (γ,n+p)	**MT103 (γ,p) or MT5 (P33 production)**	17-Cl-35 MT4 (γ,n) >>

S34 (γ,p) log-log



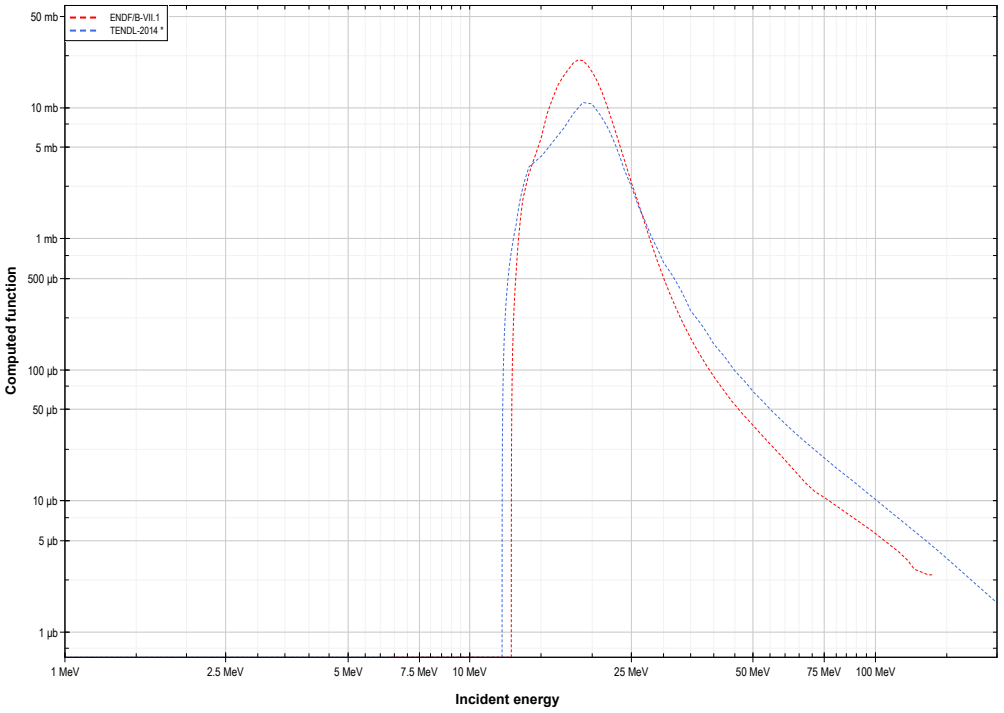
S34 (γ,p) lin-log



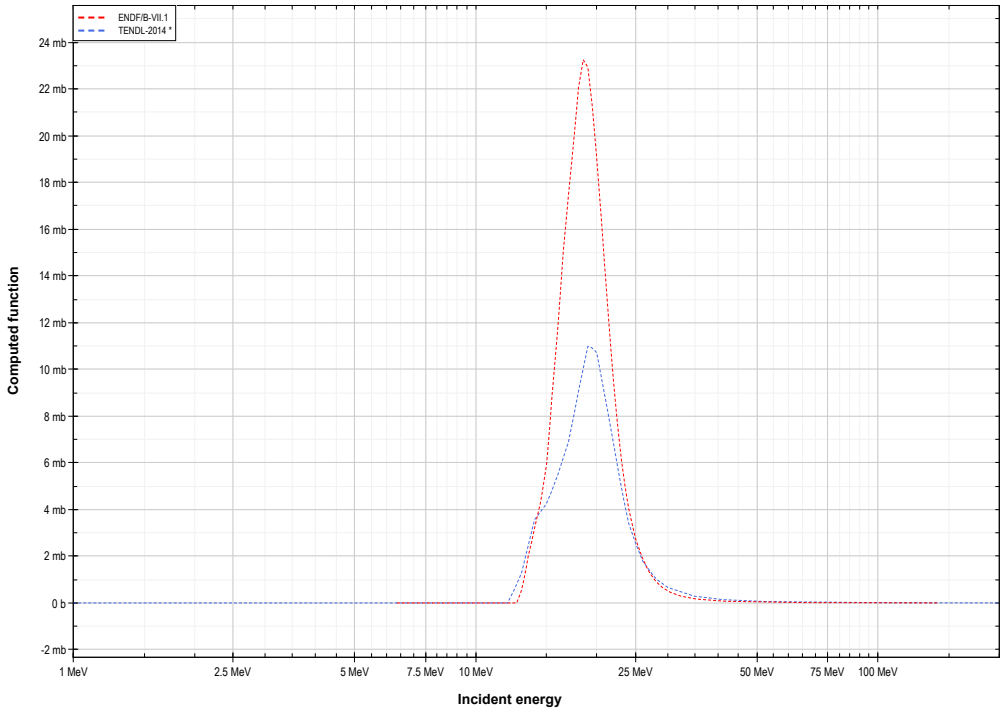
Reaction	Q-Value
S34(γ,p)P33	-10883.26 keV

<< 16-S-32	**17-Cl-35**	19-K-39 >>
<< 16-S-34 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Cl34 production)**	19-K-39 MT4 (γ,n) >>

Cl35 (γ,n) log-log



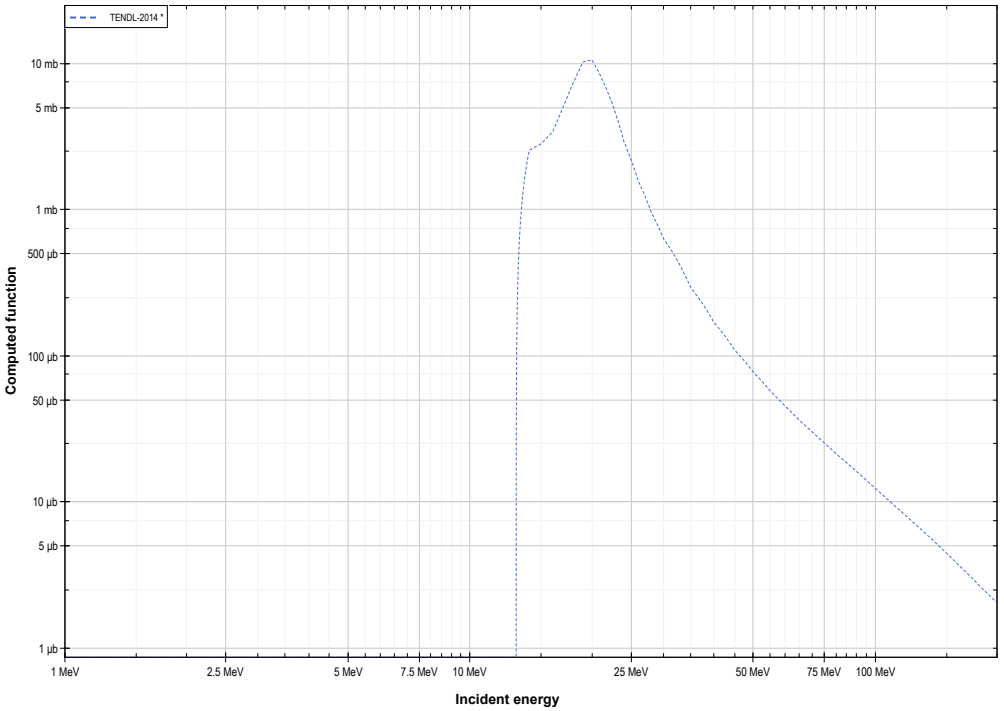
Cl35 (γ,n) lin-log



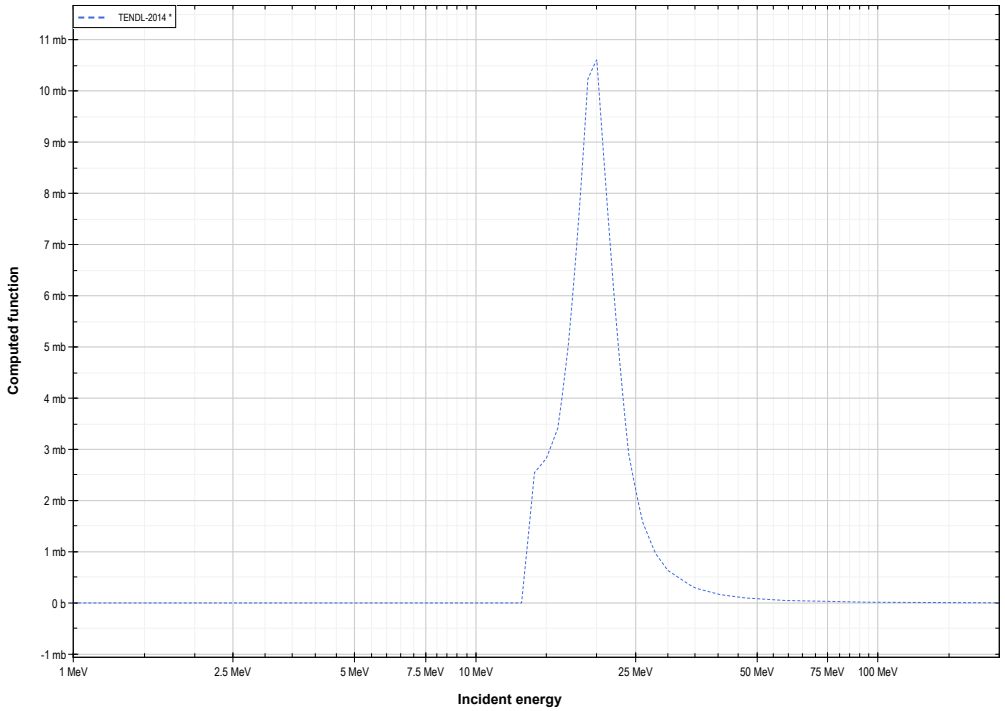
Reaction	Q-Value
Cl35(γ,n)Cl34	-12645.08 keV

<< 17-Cl-35	**19-K-39**	20-Ca-48 >>
<< 17-Cl-35 MT4 (γ,n)	**MT4 (γ,n) or MT5 (K38 production)**	20-Ca-48 MT4 (γ,n) >>

K39 (γ,n) log-log



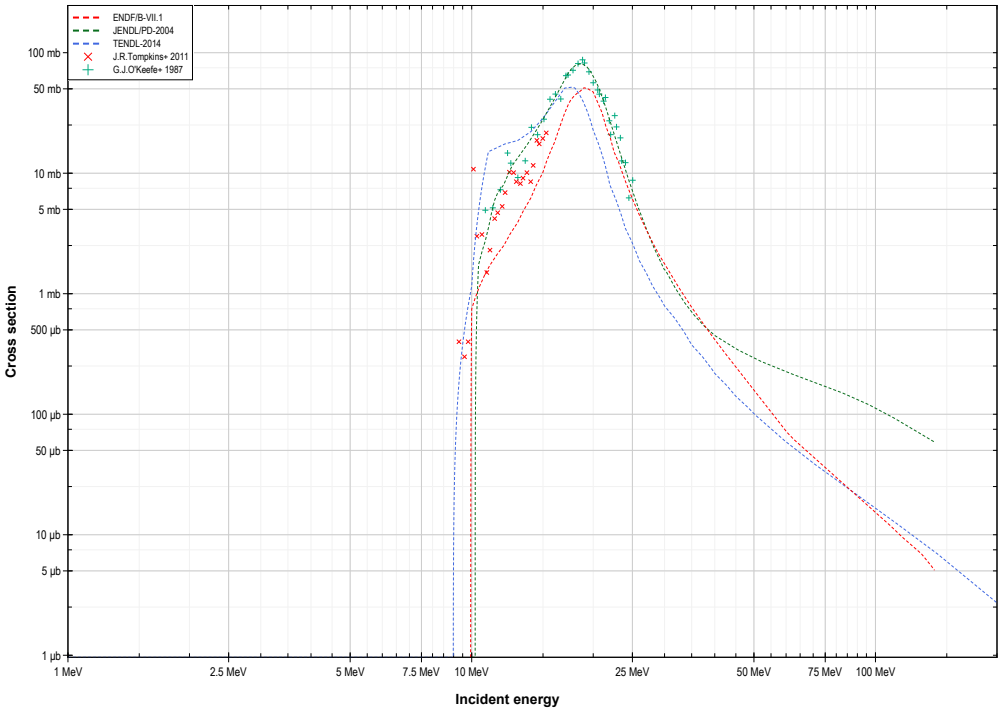
K39 (γ,n) lin-log



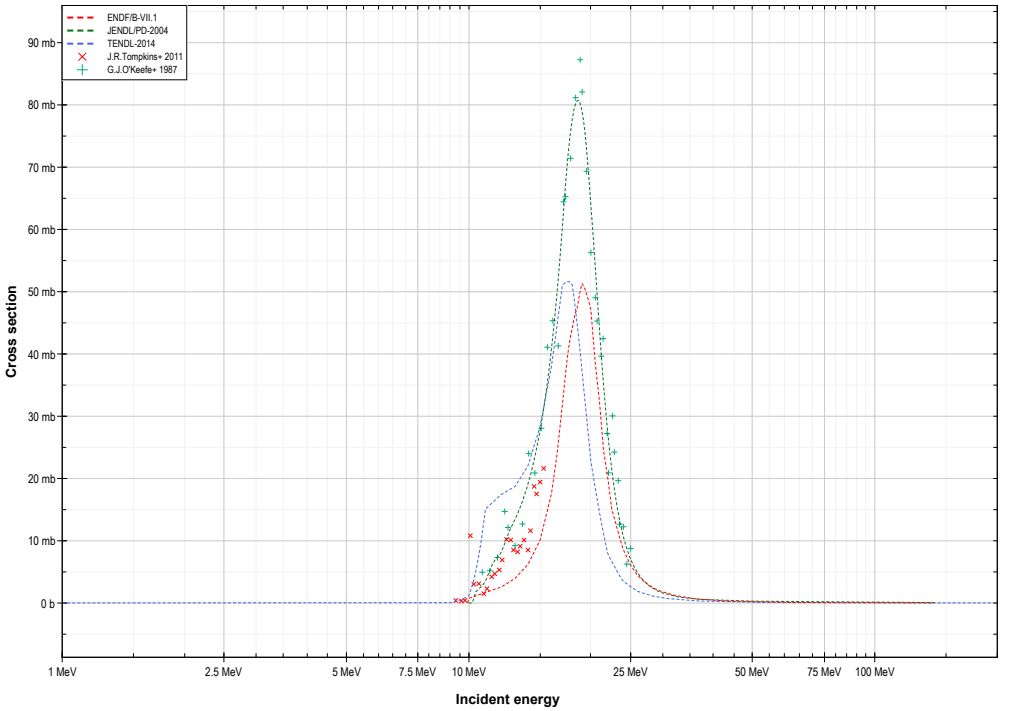
Reaction	Q-Value
K39(γ,n)K38	-13077.63 keV

<< 19-K-39	**20-Ca-48**	21-Sc-45 >>
<< 19-K-39 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Ca47 production)**	MT16 (γ,2n) >>

Ca48 (γ,n) log-log



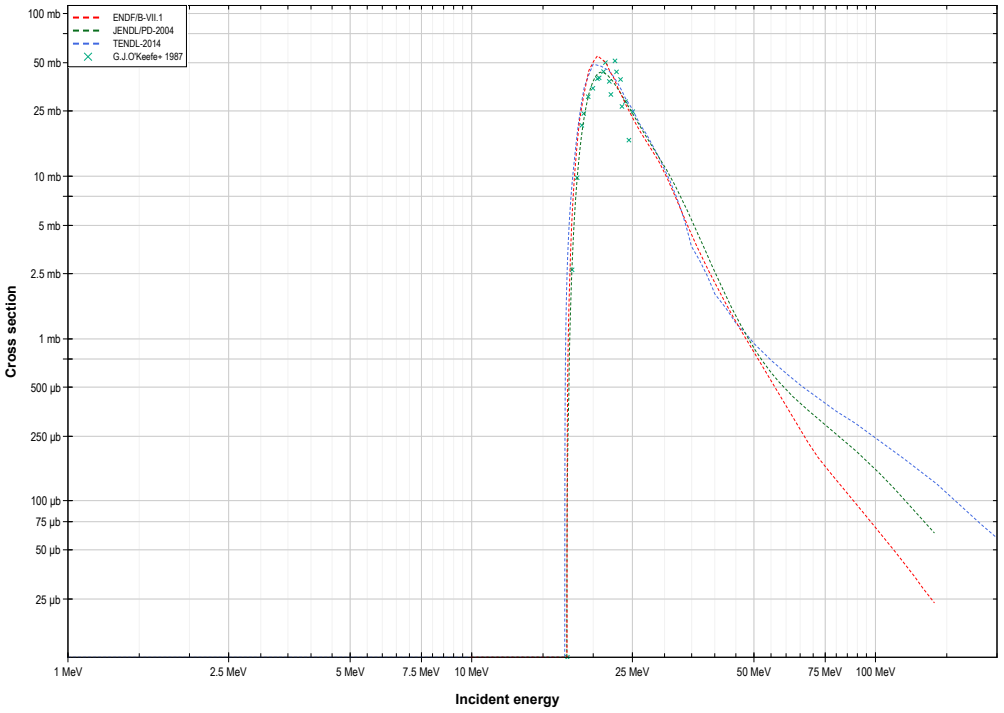
Ca48 (γ,n) lin-log



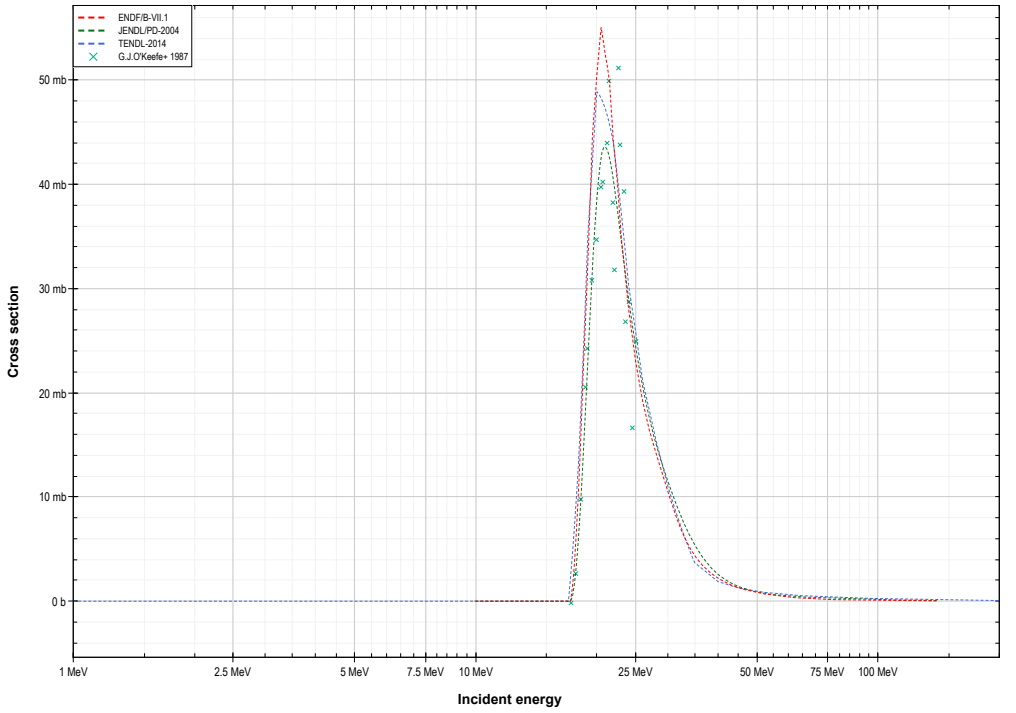
Reaction	Q-Value
Ca48(γ,n)Ca47	-9945.22 keV

<< 16-S-34	**20-Ca-48**	23-V-51 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Ca46 production)**	21-Sc-45 MT4 (γ,n) >>

Ca48 (γ,2n) log-log



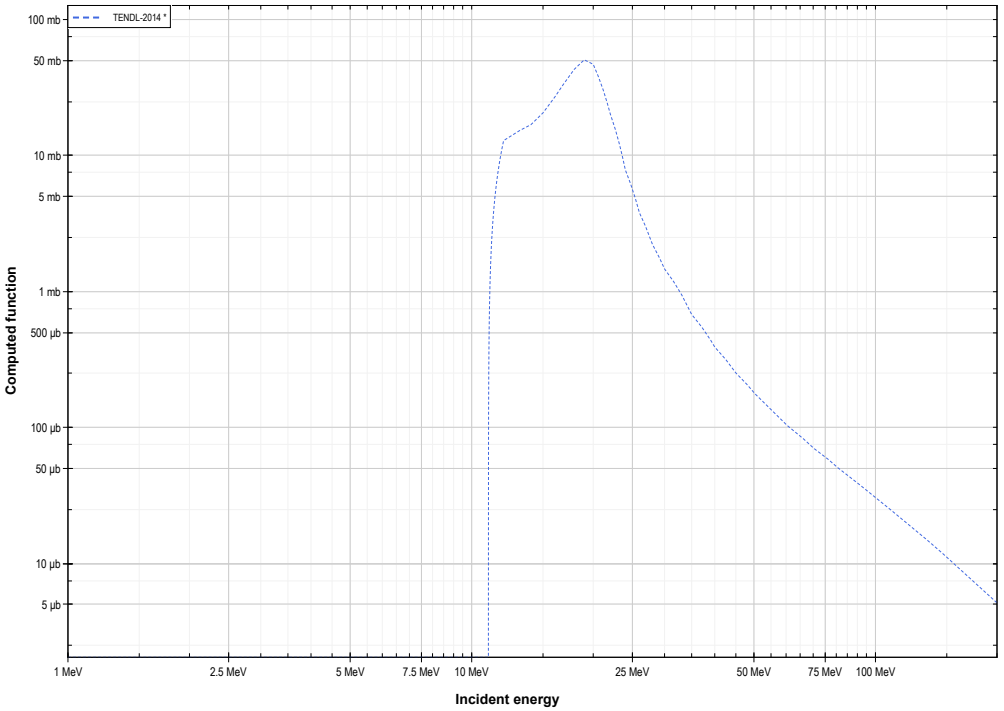
Ca48 (γ,2n) lin-log



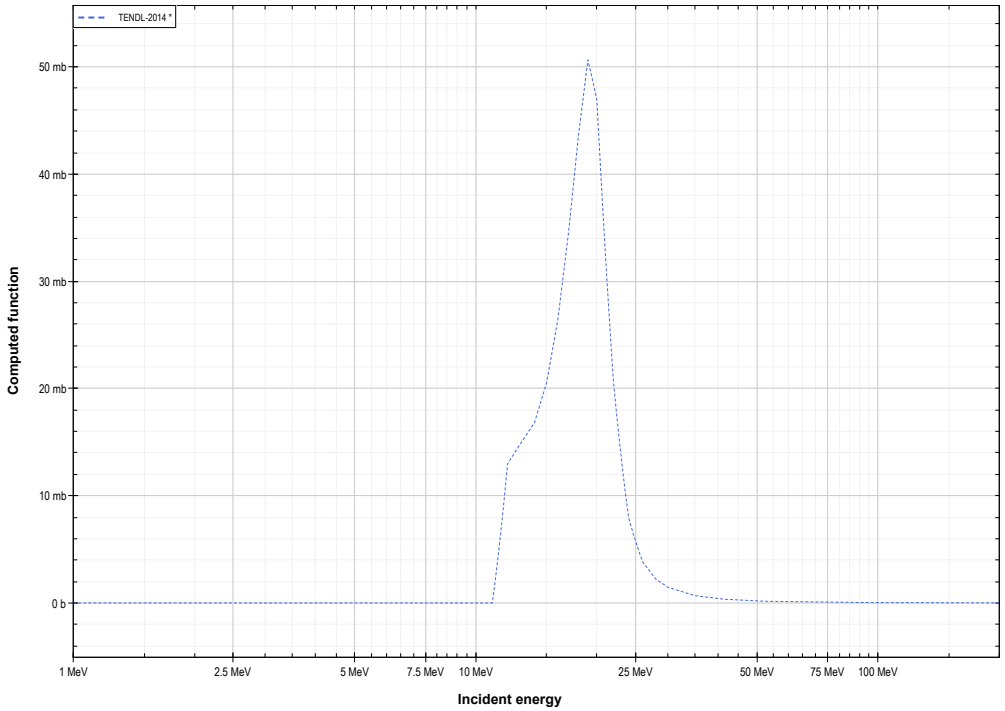
Reaction	Q-Value
Ca48(γ,2n)Ca46	-17221.53 keV

<< 20-Ca-48	**21-Sc-45**	22-Ti-46 >>
<< 20-Ca-48 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Sc44 production)**	22-Ti-46 MT4 (γ,n) >>

Sc45 (γ,n) log-log



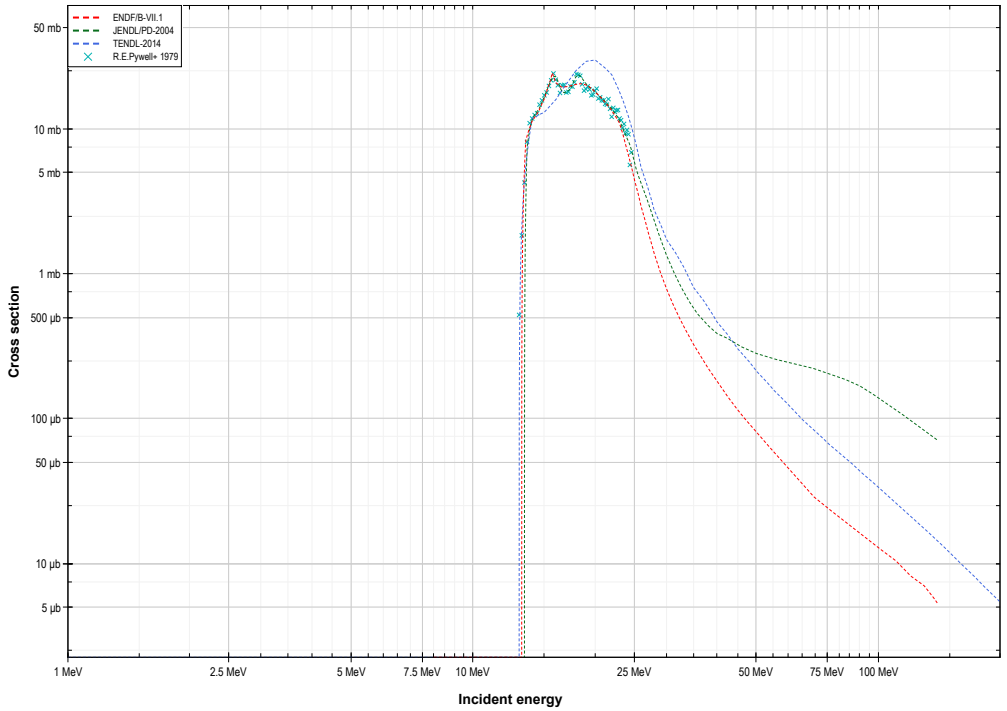
Sc45 (γ,n) lin-log



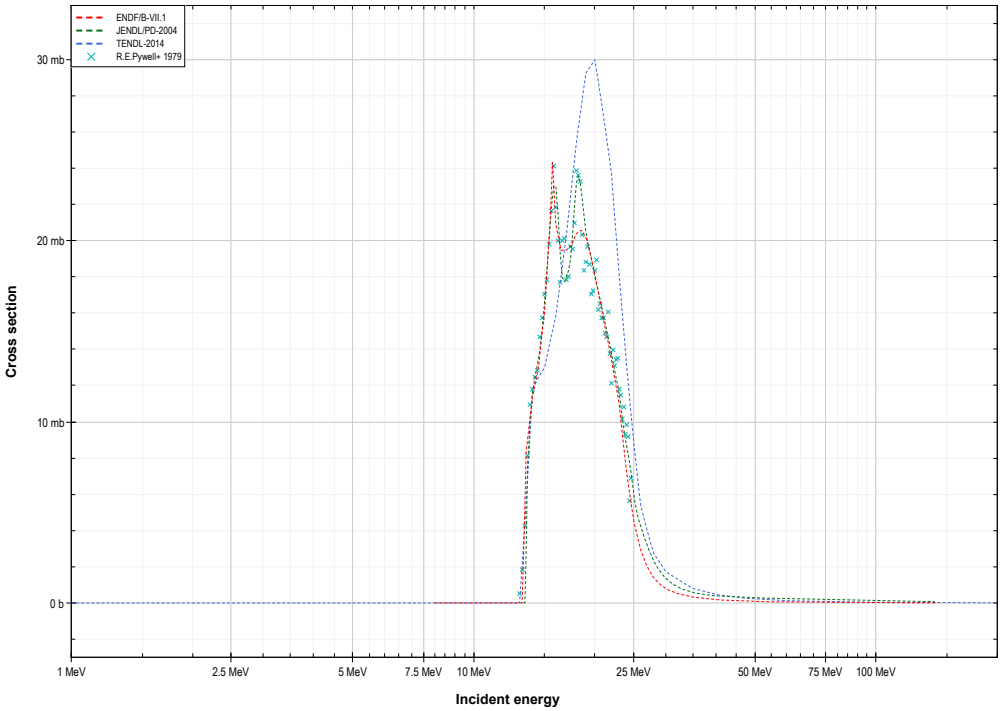
Reaction	Q-Value
Sc45(γ,n)Sc44	-11323.02 keV

<< 21-Sc-45	**22-Ti-46**	24-Cr-50 >>
<< 21-Sc-45 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Ti45 production)**	22-Ti-50 MT103 (γ,p) >>

Ti46 (γ,n) log-log



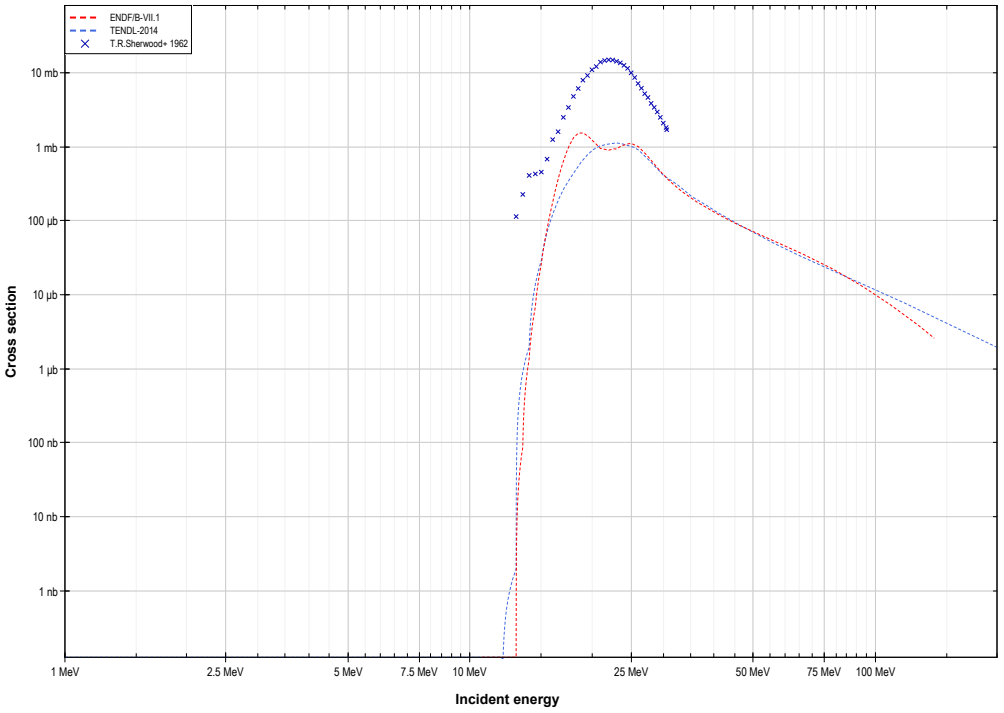
Ti46 (γ,n) lin-log



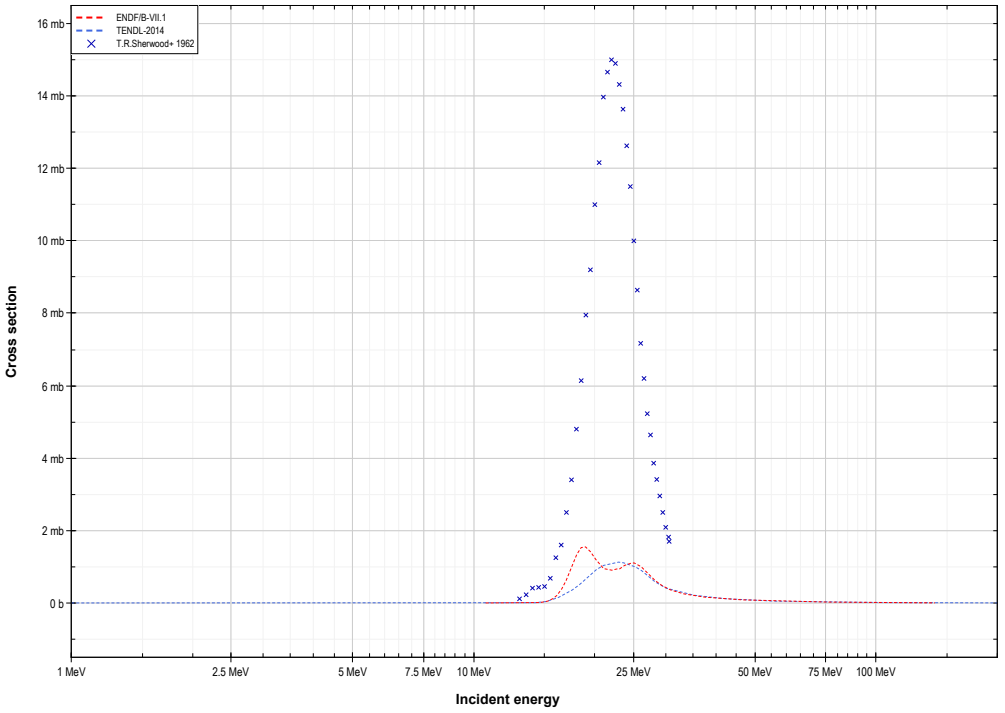
Reaction	Q-Value
Ti46(γ,n)Ti45	-13189.02 keV

<< 16-S-34	**22-Ti-50**	26-Fe-54 >>
<< 22-Ti-46 MT4 (γ,n)	**MT103 (γ,p) or MT5 (Sc49 production)**	23-V-51 MT16 (γ,2n) >>

Ti50 (γ,p) log-log



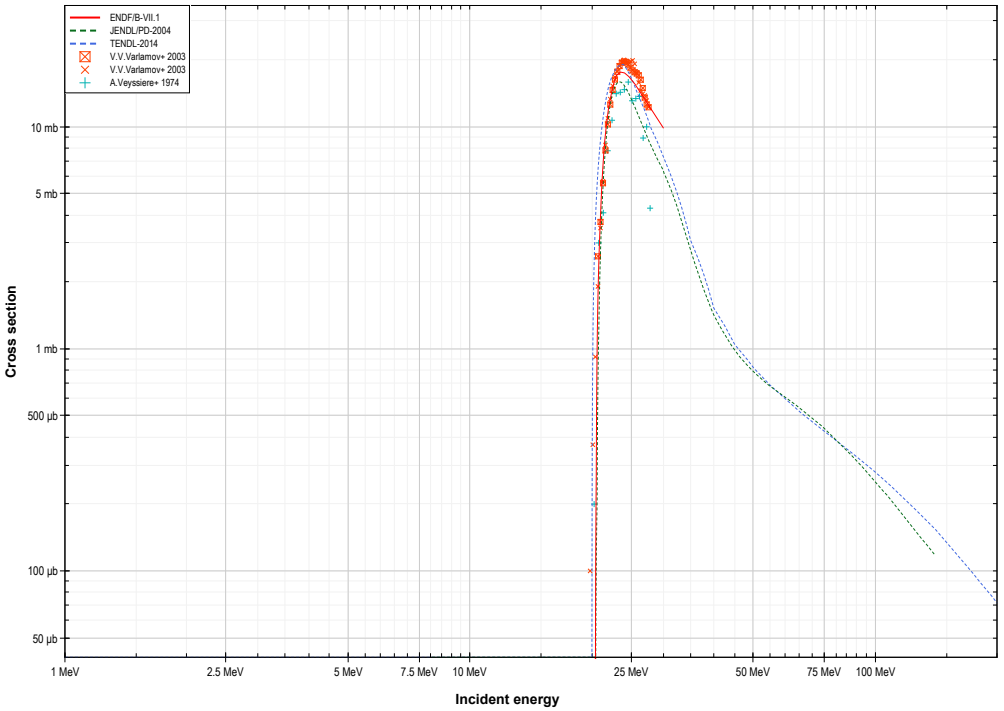
Ti50 (γ,p) lin-log



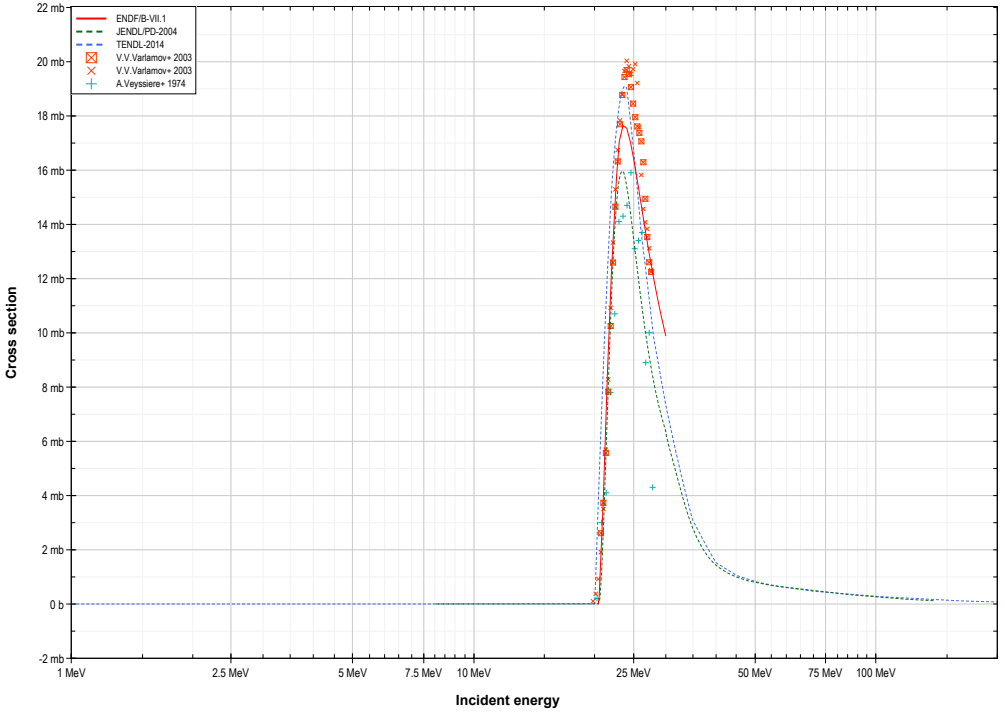
Reaction	Q-Value
Ti50(γ,p)Sc49	-12163.67 keV

<< 20-Ca-48	**23-V-51**	26-Fe-54 >>
<< 22-Ti-50 MT103 (γ,p)	**MT16 (γ,2n) or MT5 (V49 production)**	MT107 (γ,α) >>

V51 (γ,2n) log-log



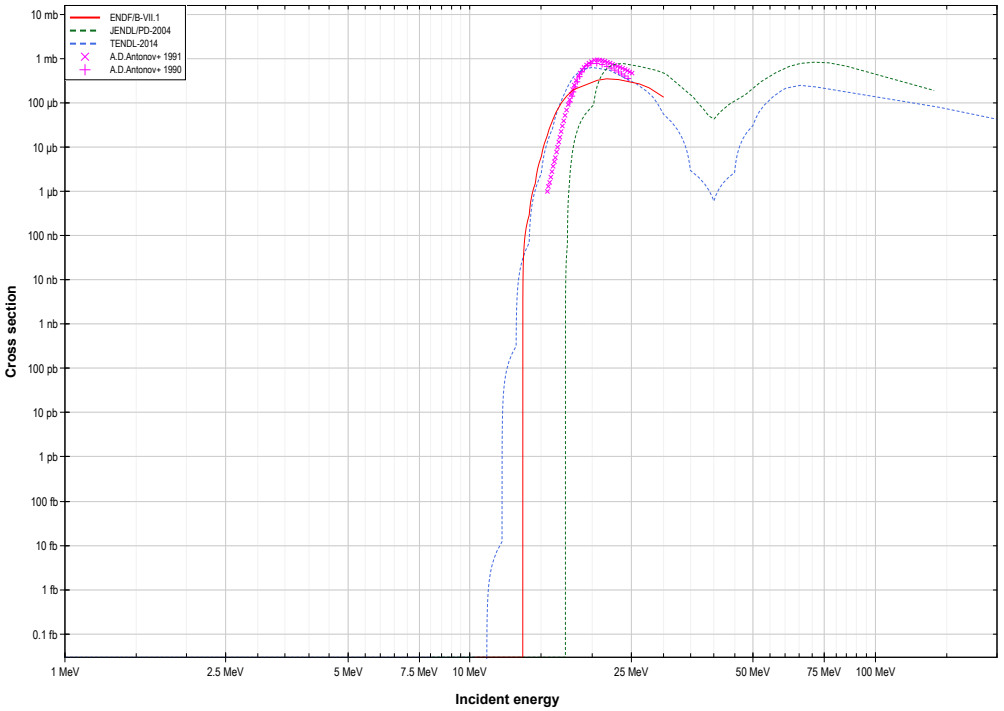
V51 (γ,2n) lin-log



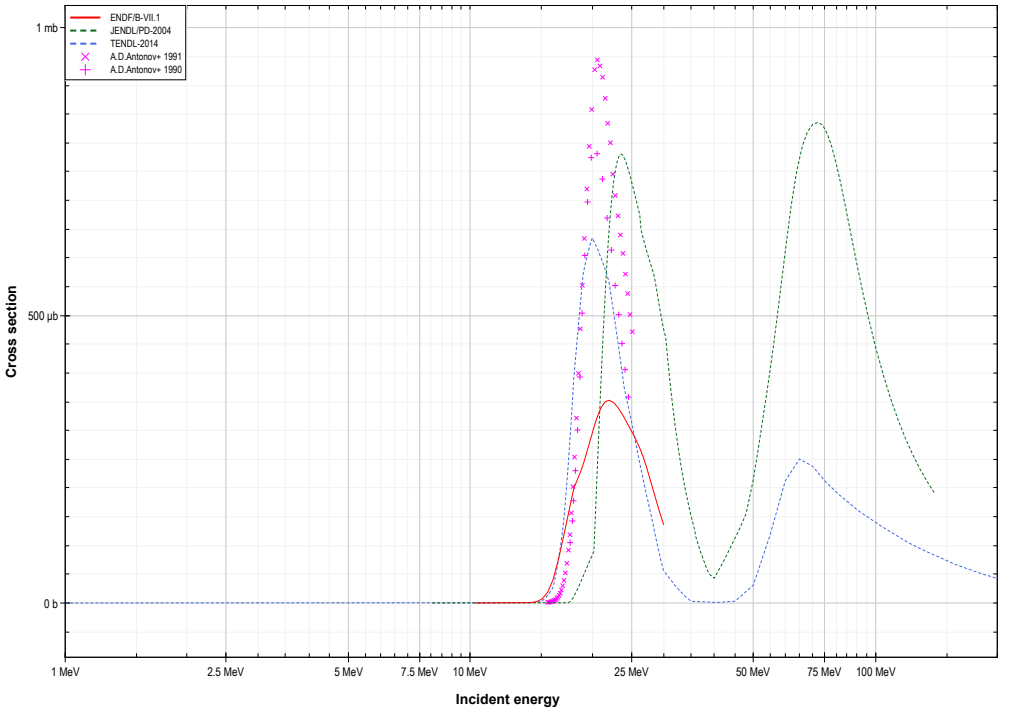
Reaction	Q-Value
V51(γ,2n)V49	-20387.13 keV

	23-V-51	32-Ge-76 >>
<< MT16 (γ,2n)	**MT107 (γ,α) or MT5 (Sc47 production)**	24-Cr-50 MT4 (γ,n) >>

V51 (γ,α) log-log



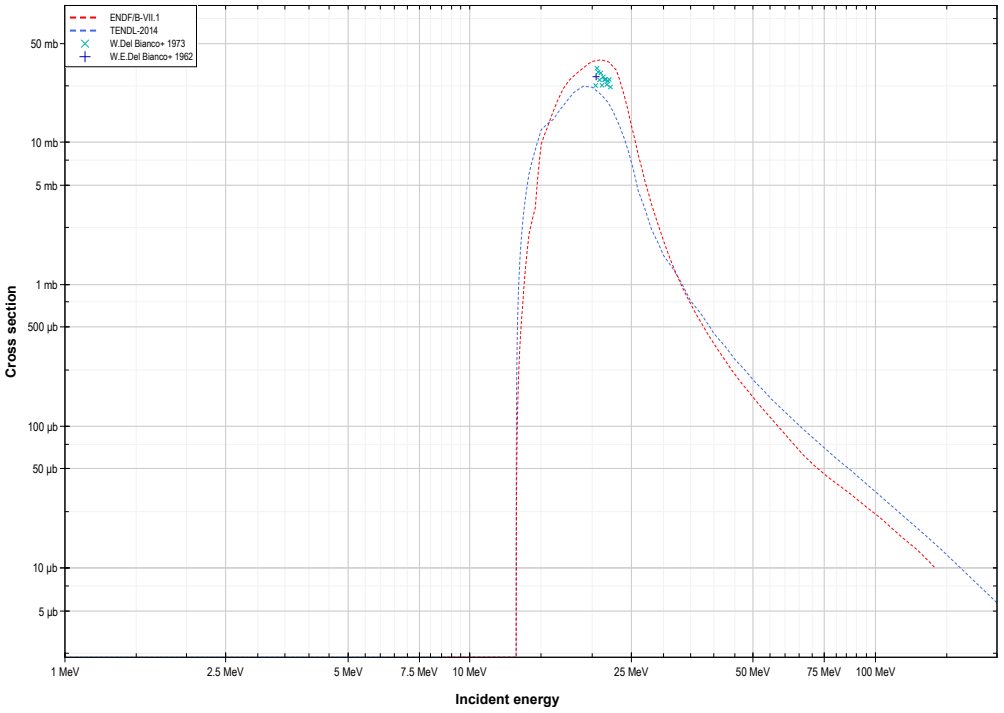
V51 (γ,α) lin-log



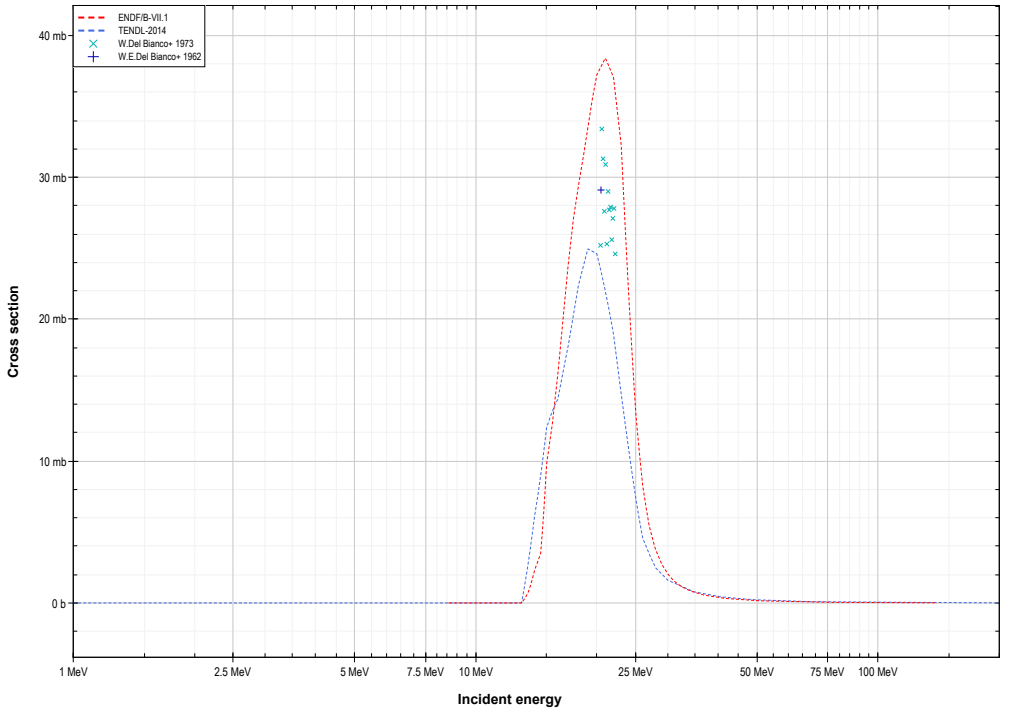
Reaction	Q-Value
V51(γ,α)Sc47	-10294.22 keV
V51(γ,p+t)Sc47	-30108.08 keV
V51(γ,n+He3)Sc47	-30871.83 keV
V51(γ,2d)Sc47	-34140.74 keV
V51(γ,n+p+d)Sc47	-36365.31 keV
V51(γ,2n+2p)Sc47	-38589.88 keV

<< 22-Ti-46	**24-Cr-50**	26-Fe-54 >>
<< 23-V-51 MT107 (γ,α)	**MT4 (γ,n) or MT5 (Cr49 production)**	25-Mn-55 MT17 (γ,3n) >>

Cr50 (γ,n) log-log



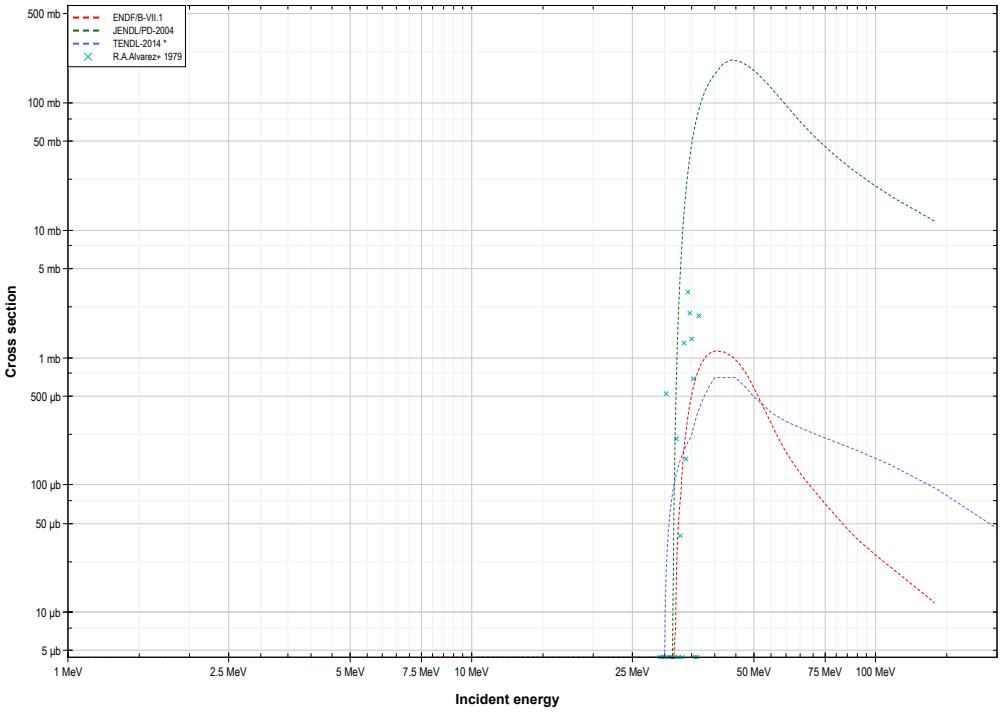
Cr50 (γ,n) lin-log



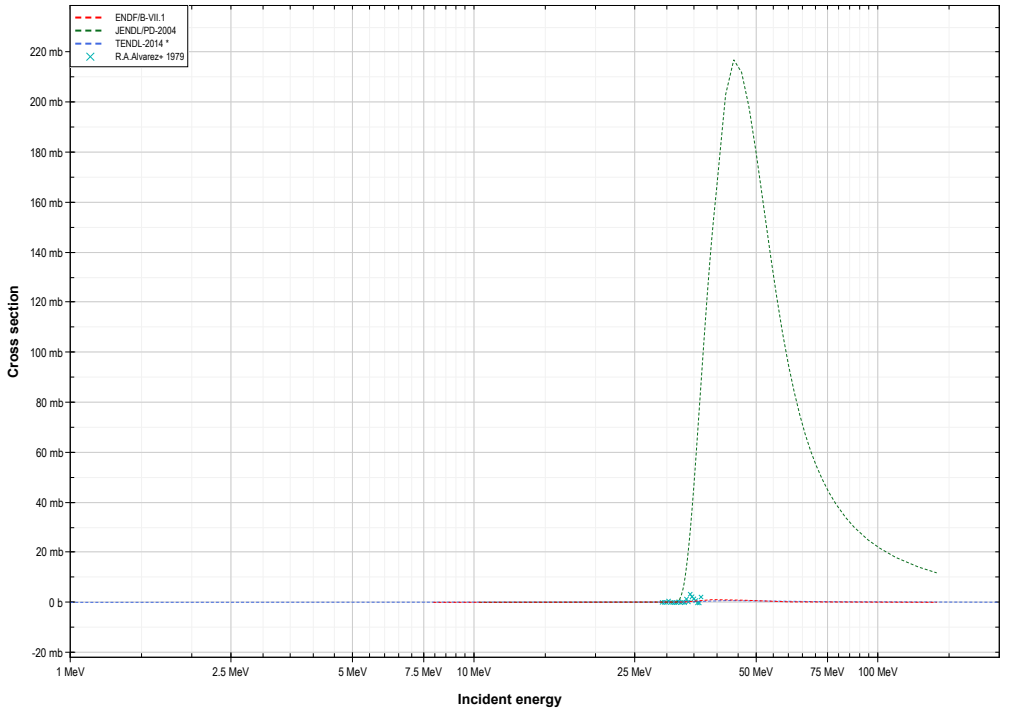
Reaction	Q-Value
Cr50(γ,n)Cr49	-13000.32 keV

	25-Mn-55	27-Co-59 >>
<< 24-Cr-50 MT4 (γ,n)	**MT17 (γ,3n) or MT5 (Mn52 production)**	26-Fe-54 MT4 (γ,n) >>

Mn55 (γ,3n) log-log



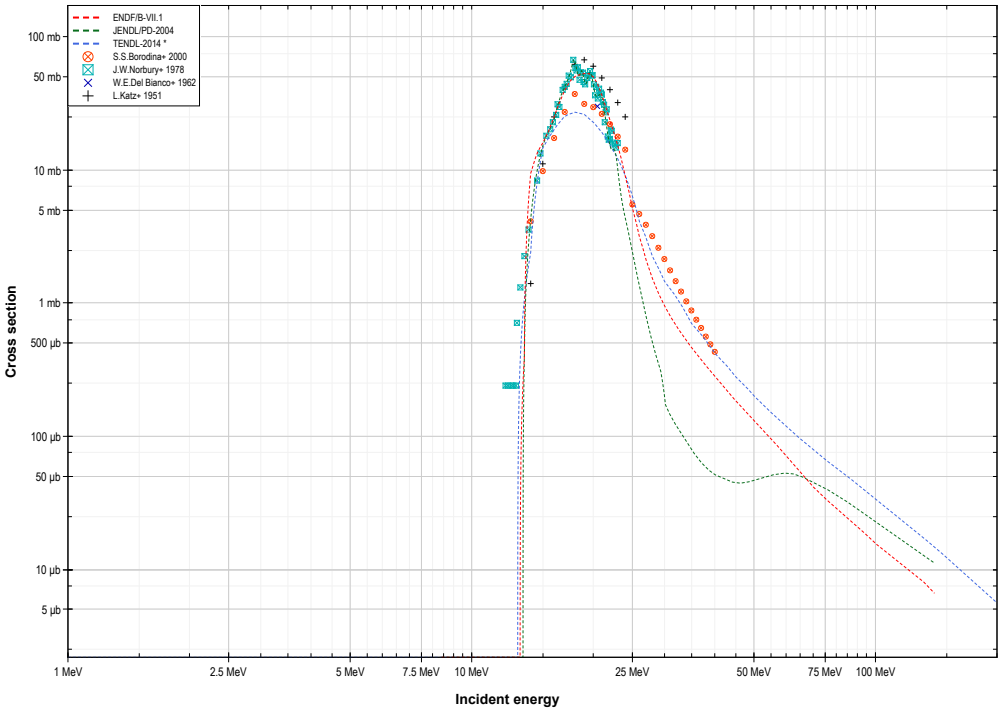
Mn55 (γ,3n) lin-log



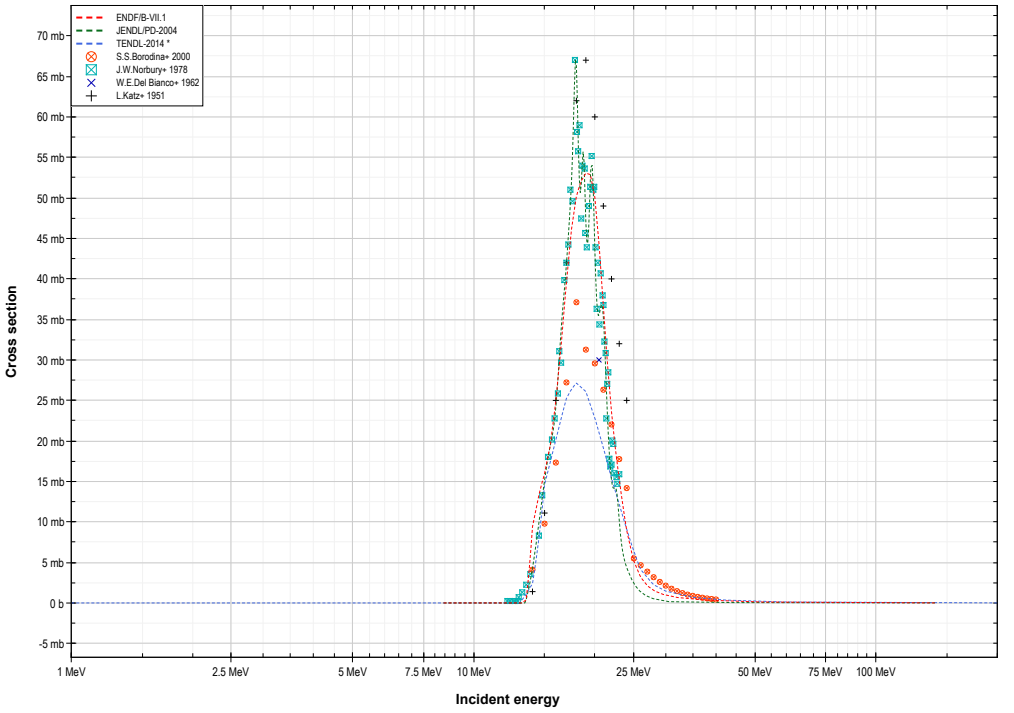
Reaction	Q-Value
Mn55(γ,3n)Mn52	-31219.15 keV

<< 24-Cr-50	**26-Fe-54**	26-Fe-56 >>
<< 25-Mn-55 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Fe53 production)**	MT16 (γ,2n) >>

Fe54 (γ,n) log-log



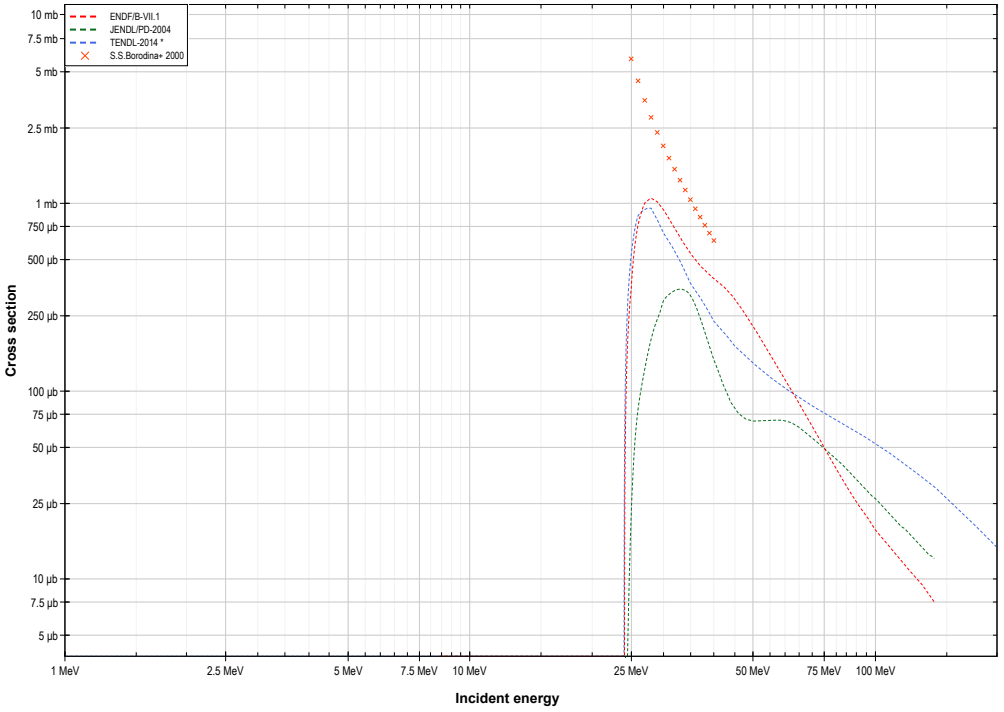
Fe54 (γ,n) lin-log



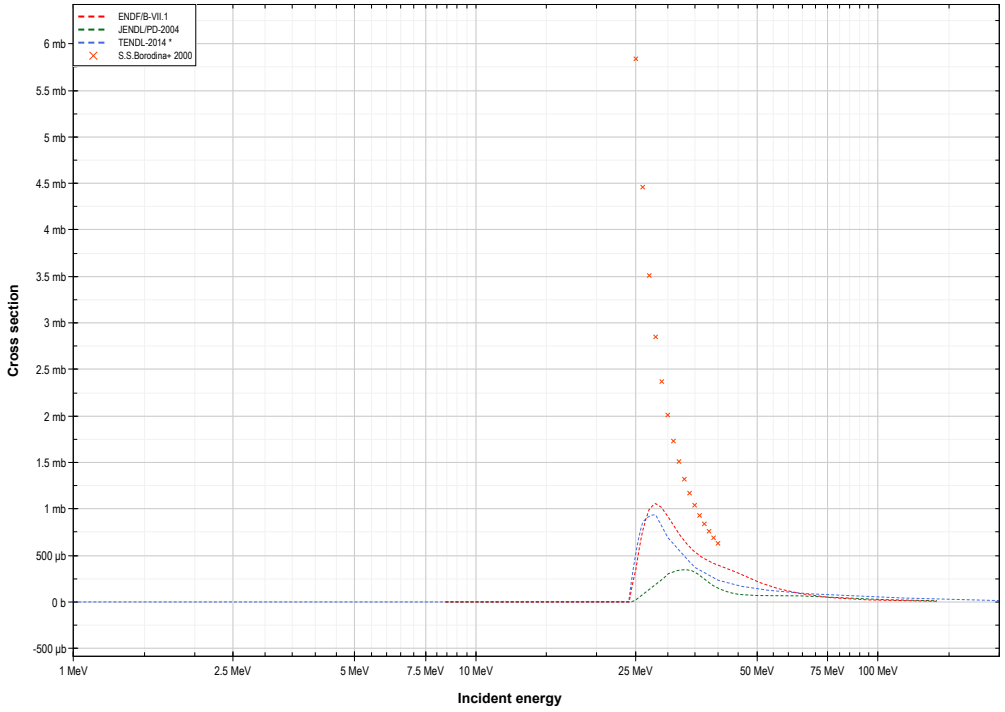
Reaction	Q-Value
Fe54(γ,n)Fe53	-13378.52 keV

<< 23-V-51	**26-Fe-54**	26-Fe-56 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Fe52 production)**	MT28 (γ,n+p) >>

Fe54 (γ,2n) log-log



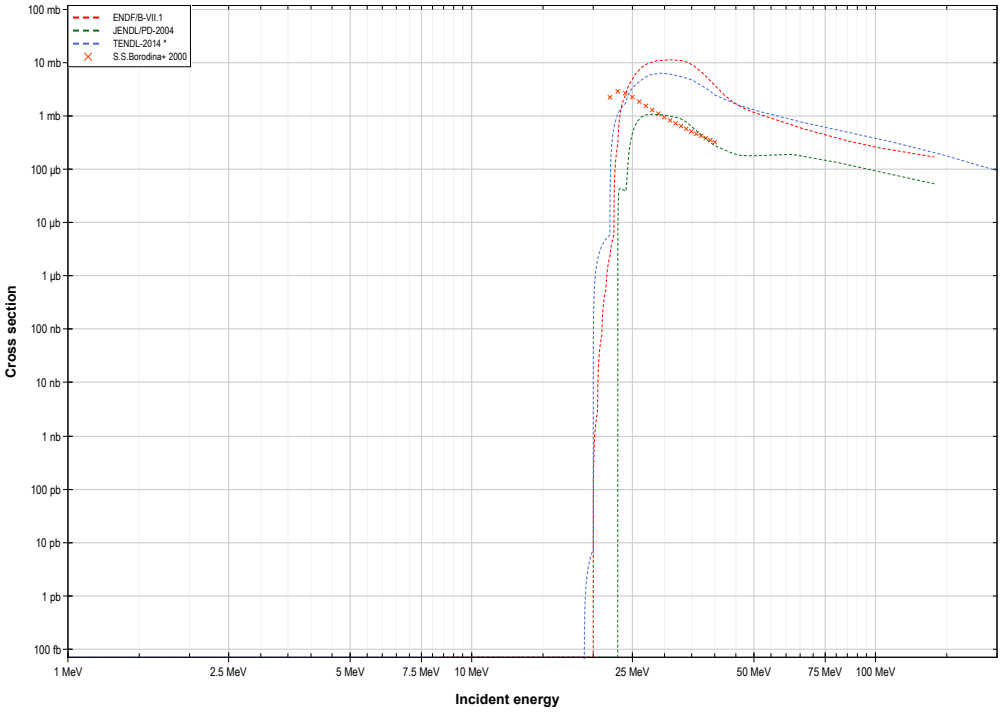
Fe54 (γ,2n) lin-log



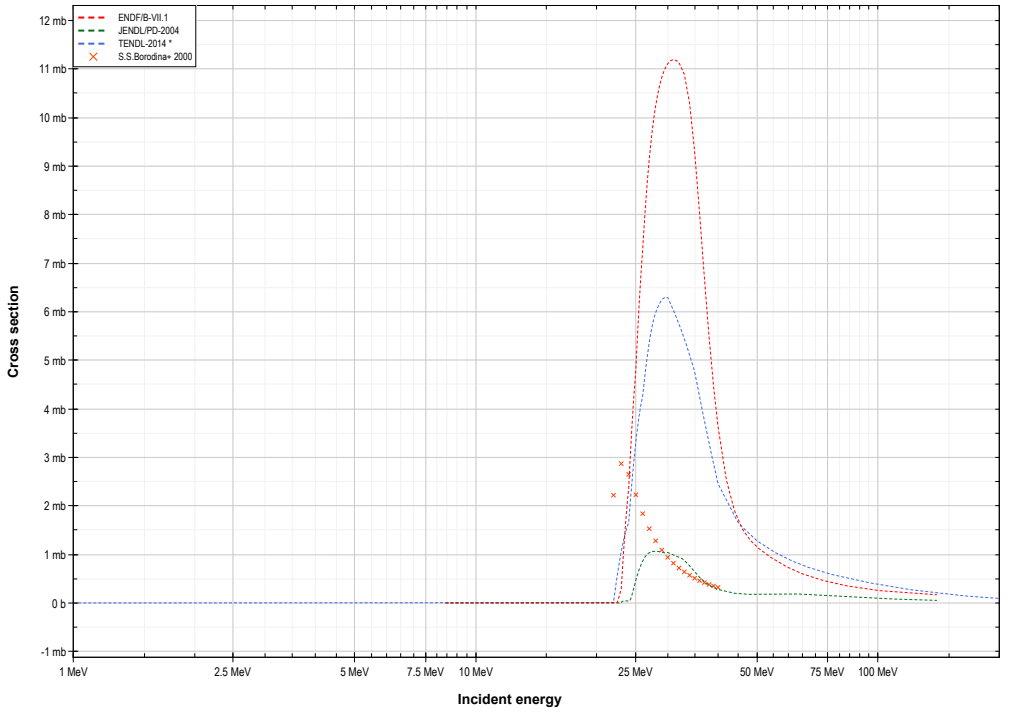
Reaction	Q-Value
Fe54(γ,2n)Fe52	-24063.13 keV

<< 16-S-34	**26-Fe-54**	26-Fe-56 >>
<< MT16 (γ,2n)	**MT28 (γ,n+p) or MT5 (Mn52 production)**	MT103 (γ,p) >>

Fe54 (γ,n+p) log-log



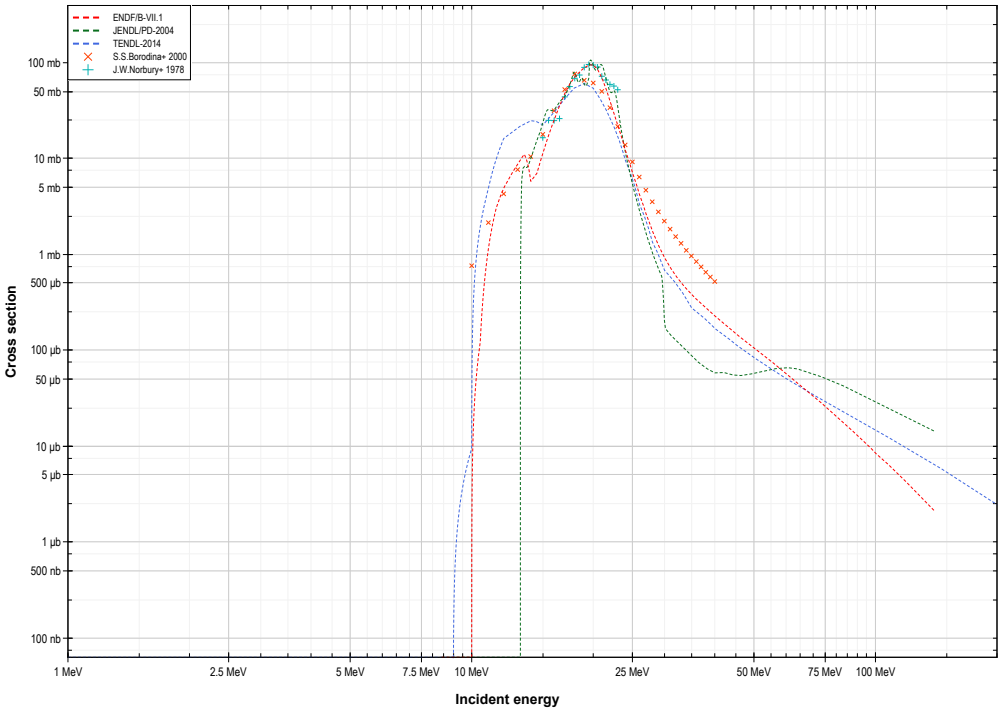
Fe54 (γ,n+p) lin-log



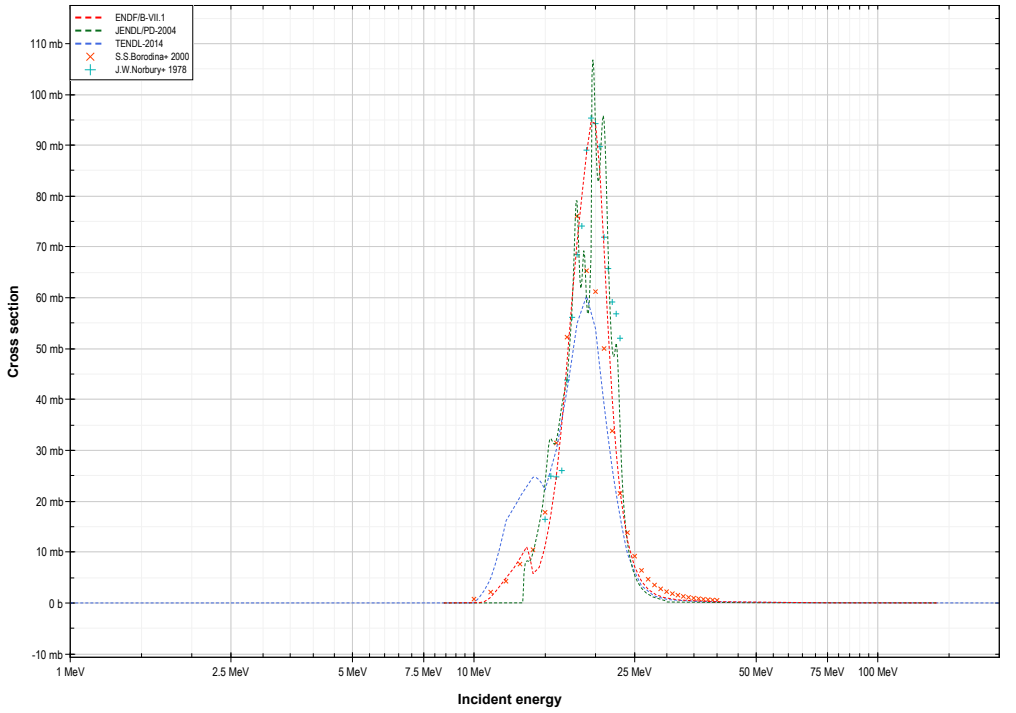
Reaction	Q-Value
Fe54(γ,d)Mn52	-18682.82 keV
Fe54(γ,n+p)Mn52	-20907.39 keV

<< 22-Ti-50	**26-Fe-54**	26-Fe-56 >>
<< MT28 (γ,n+p)	**MT103 (γ,p) or MT5 (Mn53 production)**	26-Fe-56 MT4 (γ,n) >>

Fe54 (γ,p) log-log



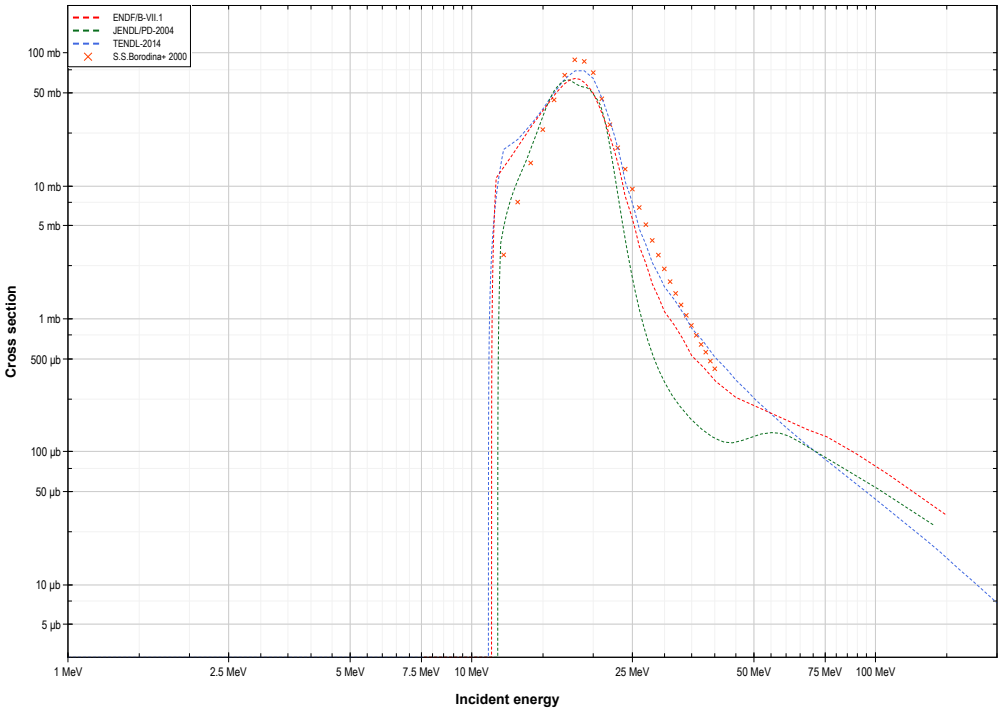
Fe54 (γ,p) lin-log



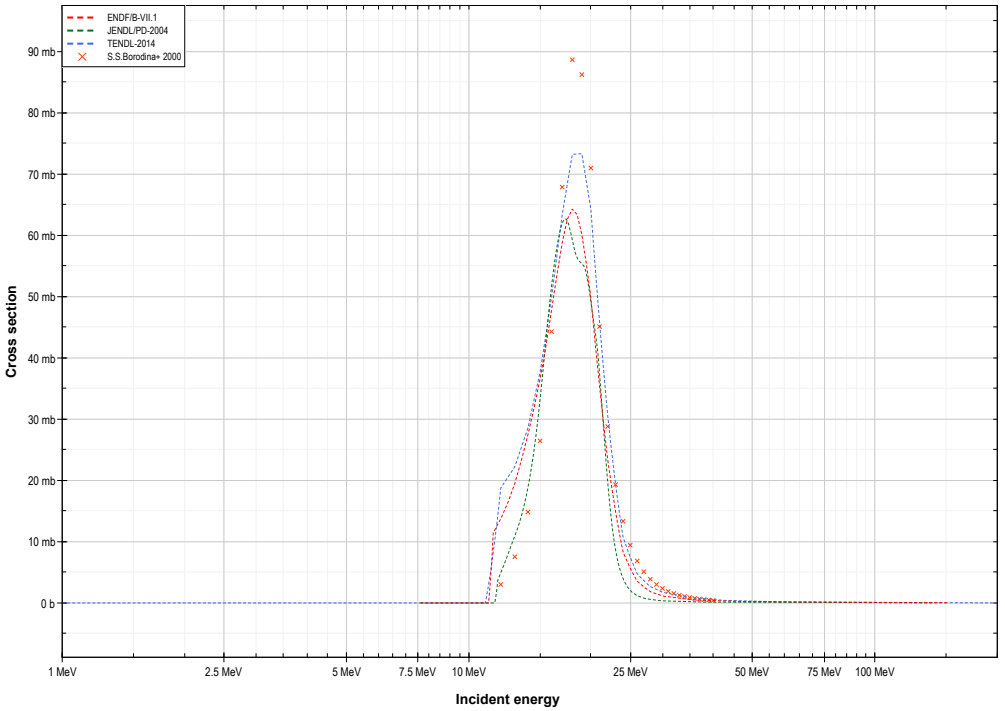
Reaction	Q-Value
Fe54(γ,p)Mn53	-8853.57 keV

<< 26-Fe-54	**26-Fe-56**	27-Co-59 >>
<< 26-Fe-54 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Fe55 production)**	MT16 (γ,2n) >>

Fe56 (γ,n) log-log



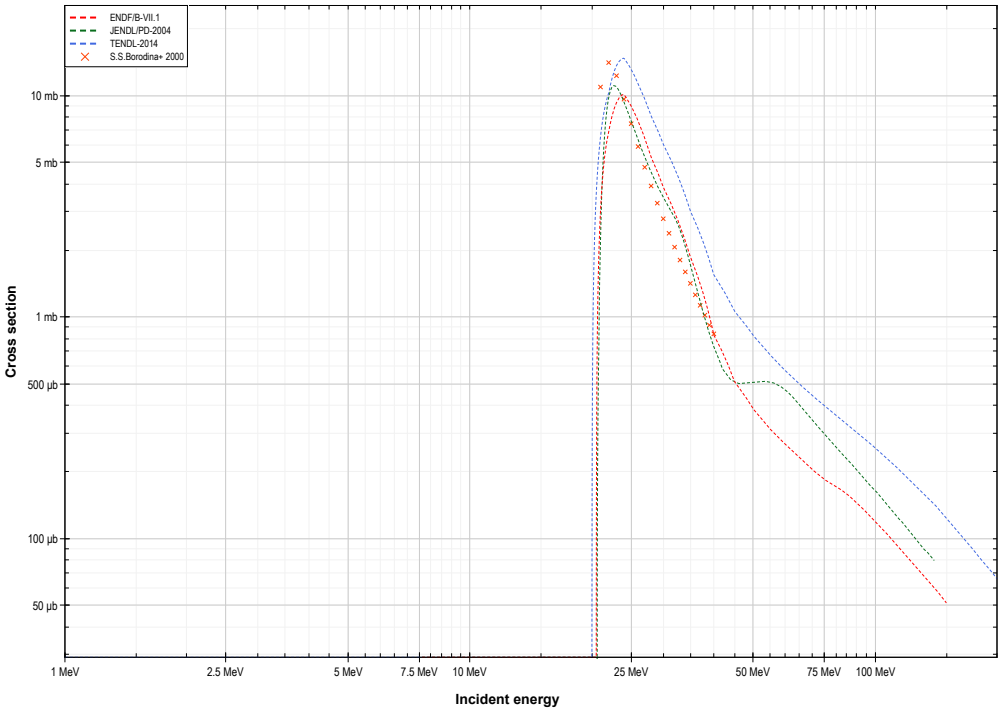
Fe56 (γ,n) lin-log



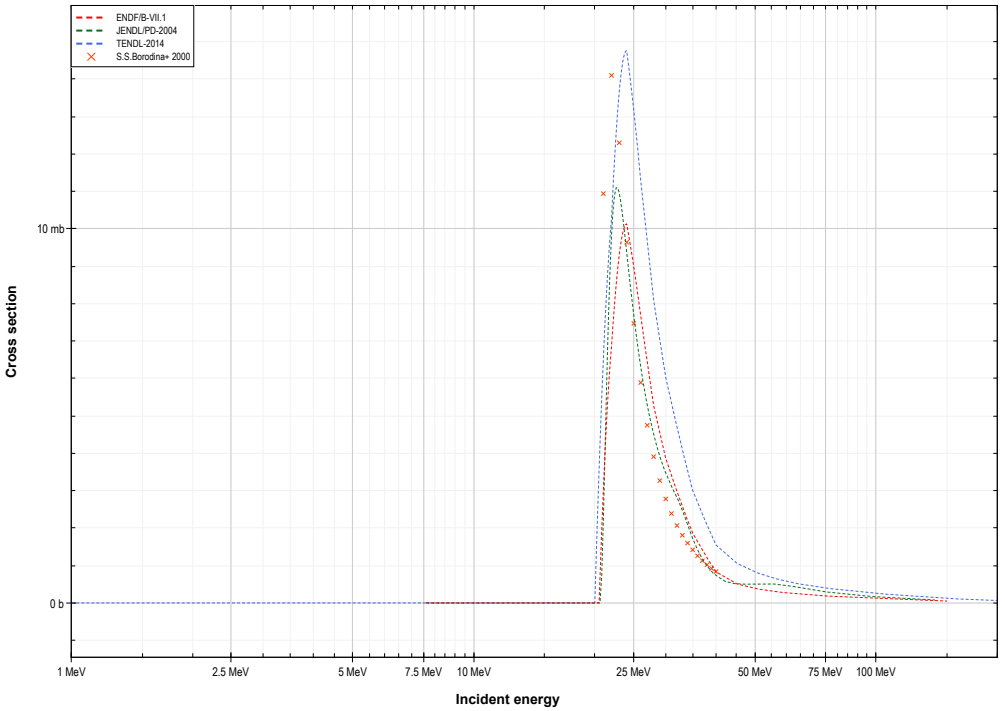
Reaction	Q-Value
Fe56(γ,n)Fe55	-11197.32 keV

<< 26-Fe-54	**26-Fe-56**	27-Co-59 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Fe54 production)**	MT28 (γ,n+p) >>

Fe56 (γ,2n) log-log



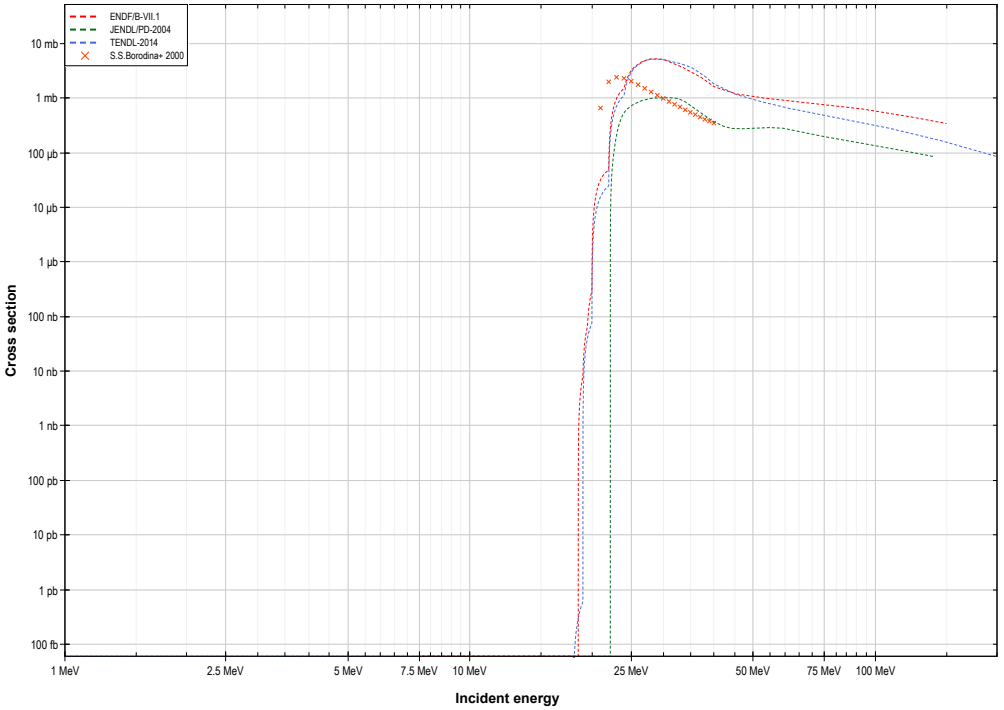
Fe56 (γ,2n) lin-log



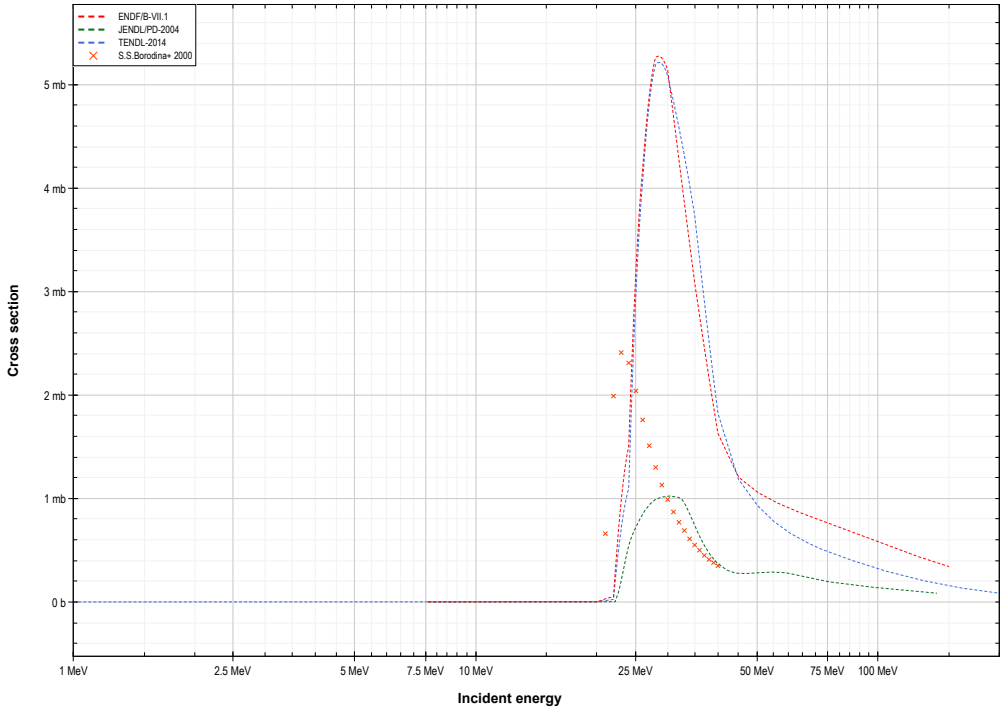
Reaction	Q-Value
Fe56(γ,2n)Fe54	-20495.53 keV

<< 26-Fe-54	**26-Fe-56**	28-Ni-58 >>
<< MT16 (γ,2n)	**MT28 (γ,n+p) or MT5 (Mn54 production)**	MT103 (γ,p) >>

Fe56 (γ,n+p) log-log



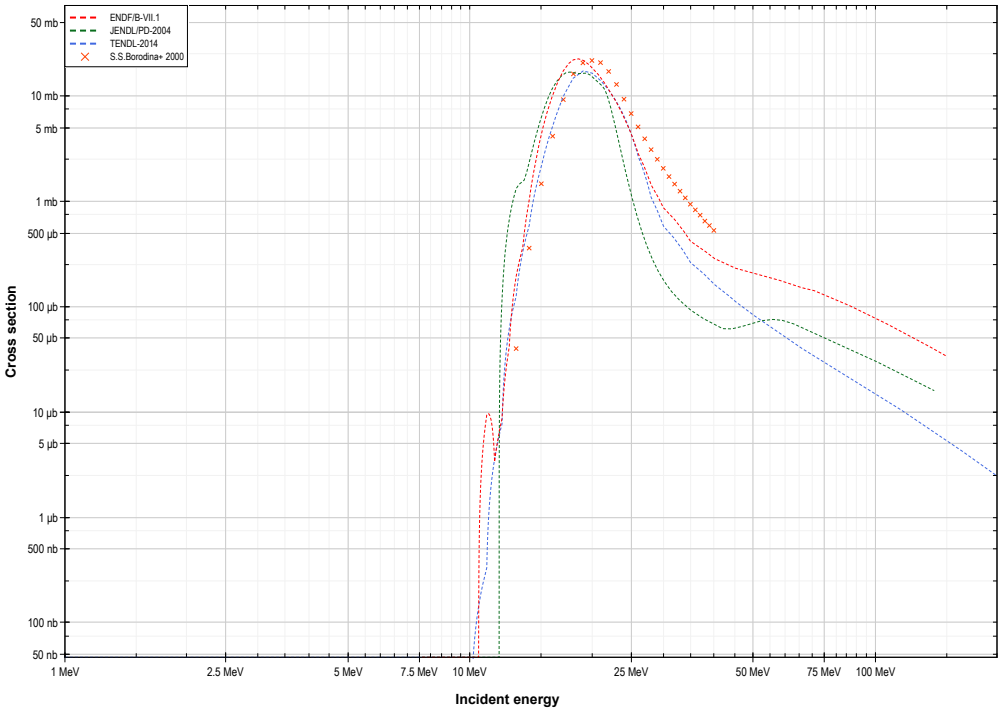
Fe56 (γ,n+p) lin-log



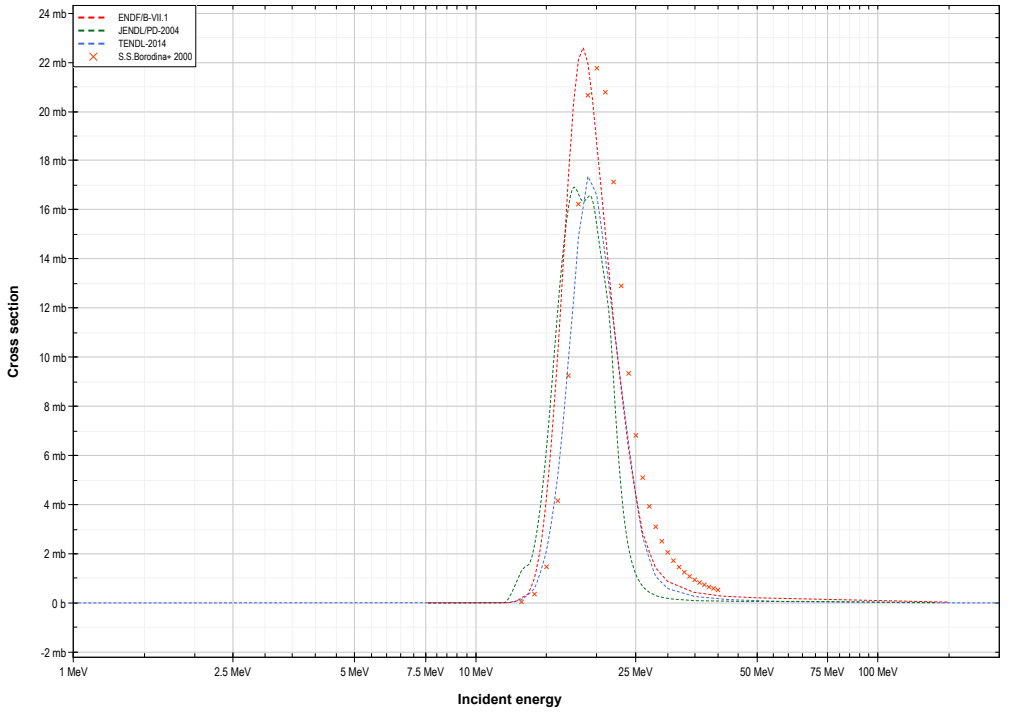
Reaction	Q-Value
Fe56(γ,d)Mn54	-18185.72 keV
Fe56(γ,n+p)Mn54	-20410.29 keV

<< 26-Fe-54	**26-Fe-56**	28-Ni-58 >>
<< MT28 (γ,n+p)	**MT103 (γ,p) or MT5 (Mn55 production)**	27-Co-59 MT4 (γ,n) >>

Fe56 (γ,p) log-log



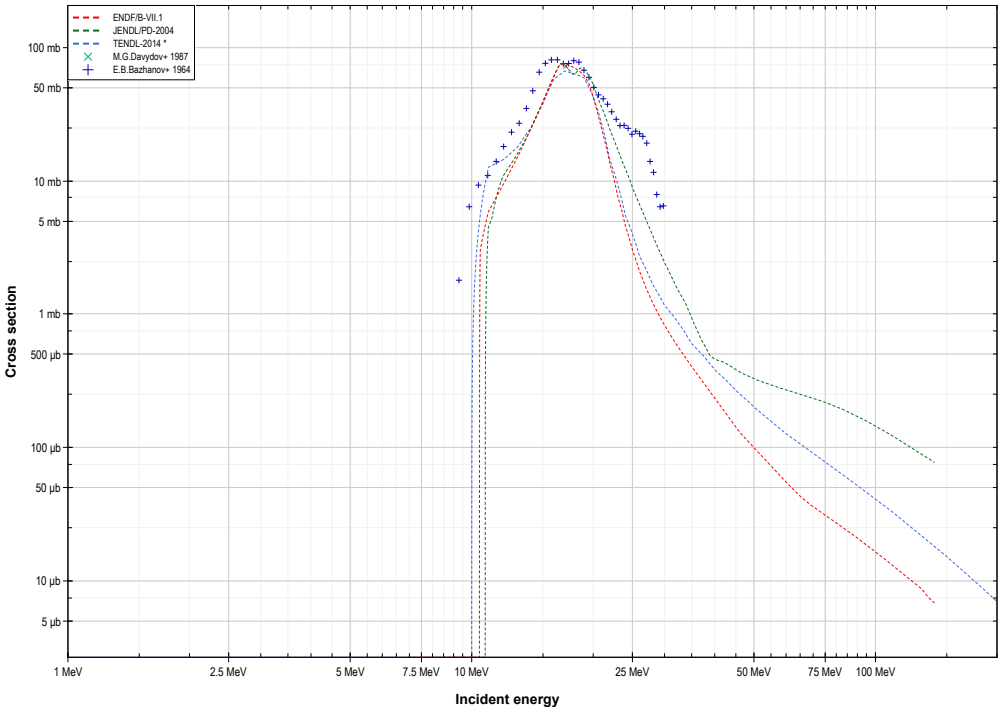
Fe56 (γ,p) lin-log



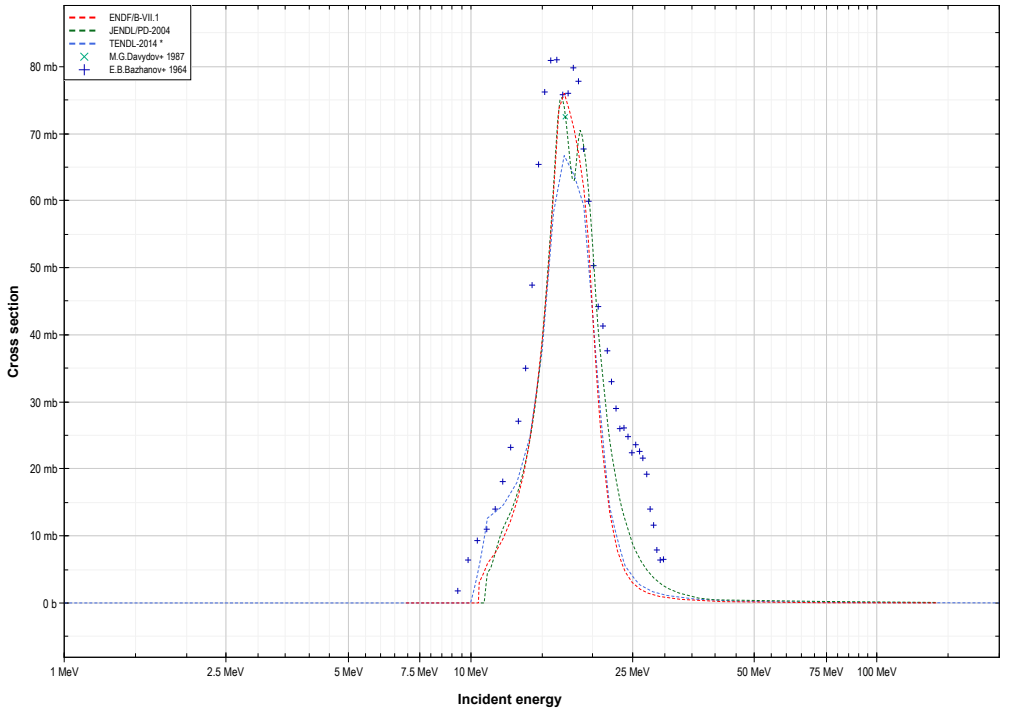
Reaction	Q-Value
Fe56(γ,p)Mn55	-10183.77 keV

<< 26-Fe-56	**27-Co-59**	28-Ni-58 >>
<< 26-Fe-56 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Co58 production)**	MT16 (γ,2n) >>

Co59 (γ,n) log-log



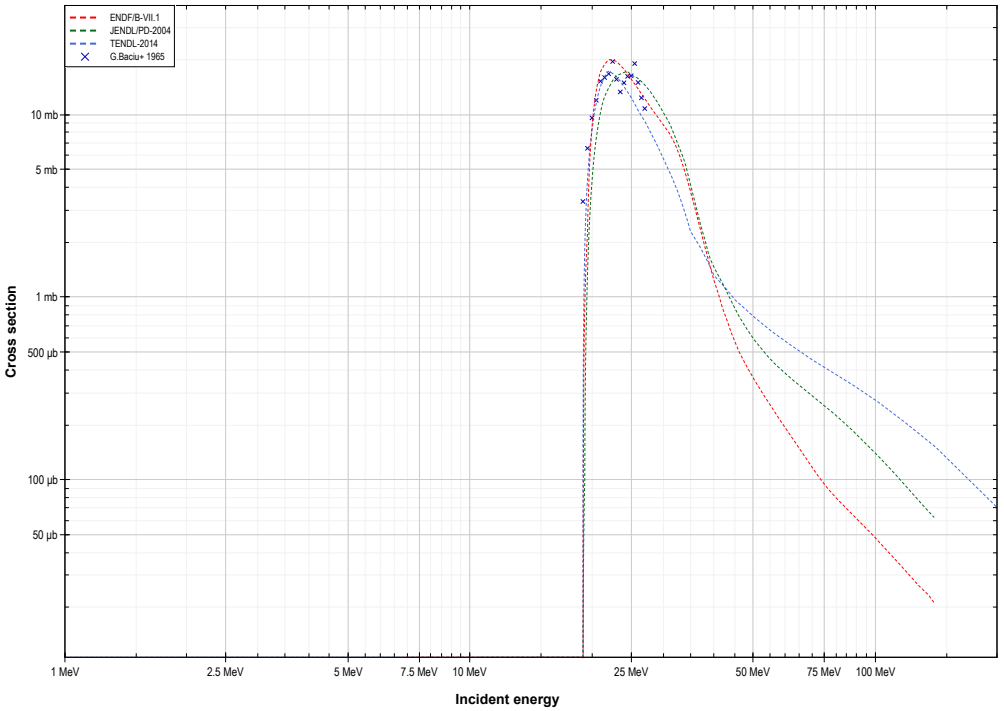
Co59 (γ,n) lin-log



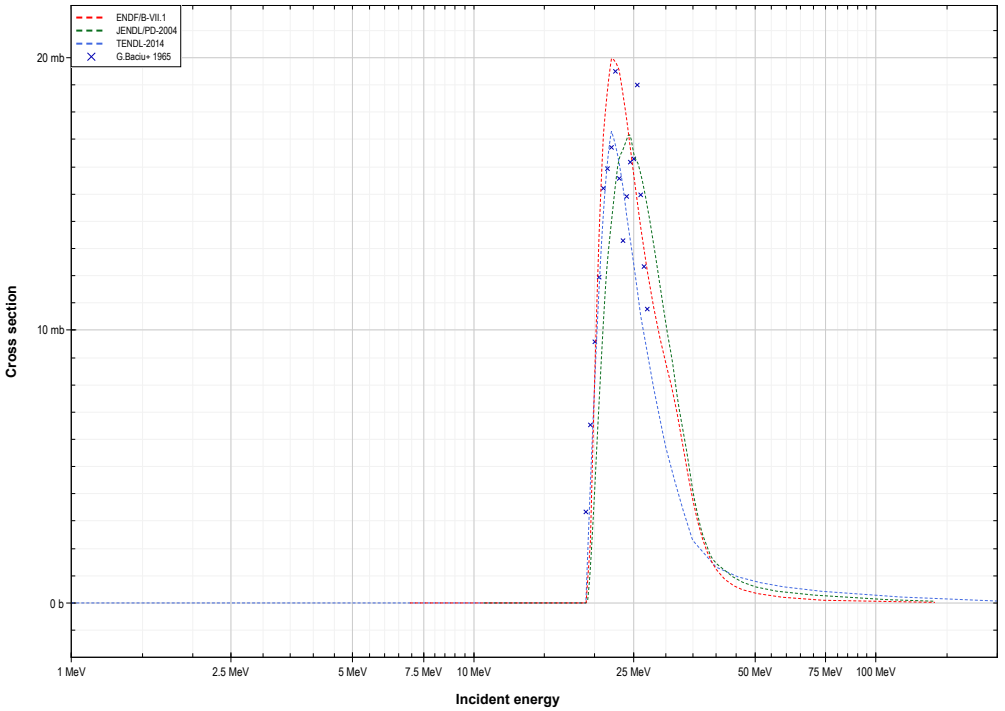
Reaction	Q-Value
Co59(γ,n)Co58	-10453.82 keV

<< 26-Fe-56	**27-Co-59**	28-Ni-58 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Co57 production)**	MT17 (γ,3n) >>

Co59 (γ,2n) log-log



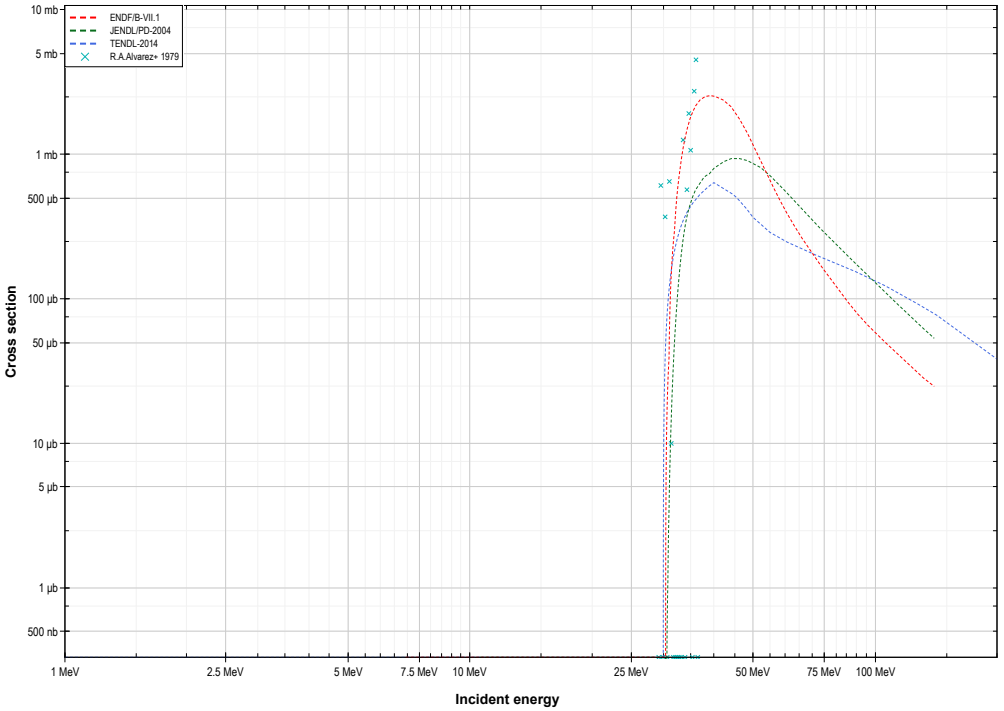
Co59 (γ,2n) lin-log



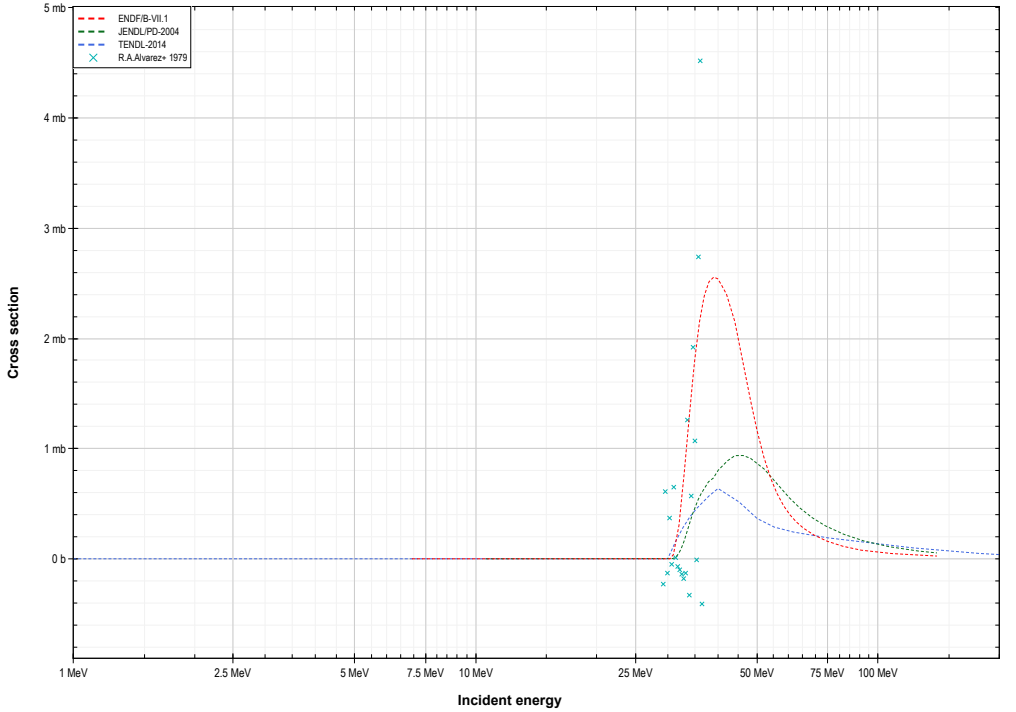
Reaction	Q-Value
Co59(γ,2n)Co57	-19026.83 keV

<< 25-Mn-55	**27-Co-59**	39-Y-89 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (Co56 production)**	28-Ni-58 MT4 (γ,n) >>

Co59 (γ,3n) log-log



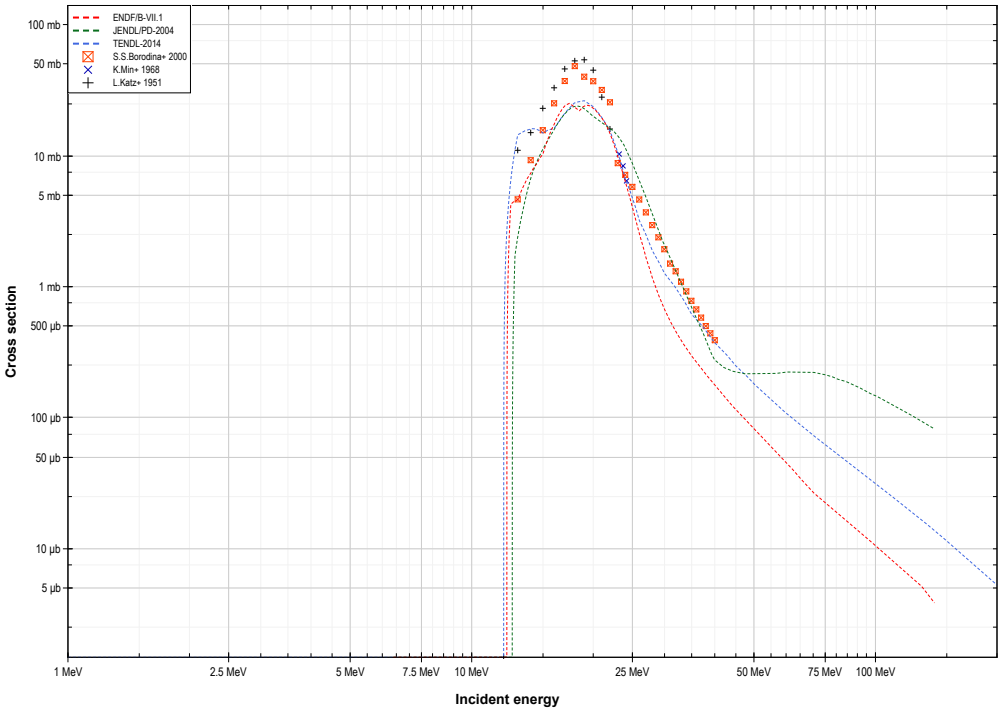
Co59 (γ,3n) lin-log



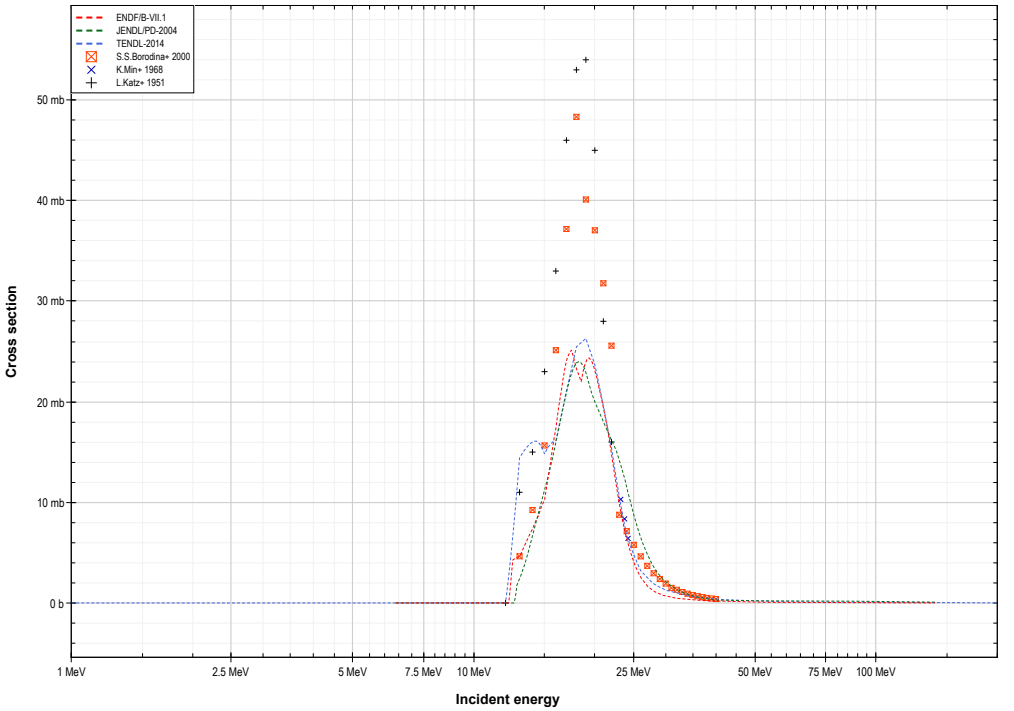
Reaction	Q-Value
Co59(γ,3n)Co56	-30402.95 keV

<< 27-Co-59	**28-Ni-58**	28-Ni-60 >>
<< 27-Co-59 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Ni57 production)**	MT16 (γ,2n) >>

Ni58 (γ,n) log-log



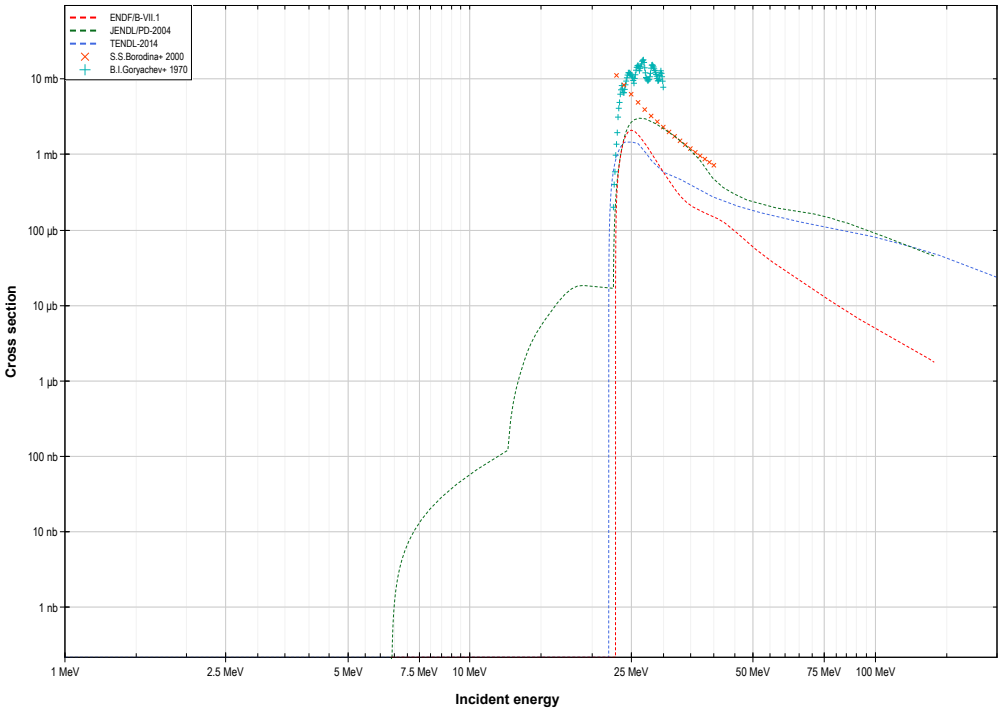
Ni58 (γ,n) lin-log



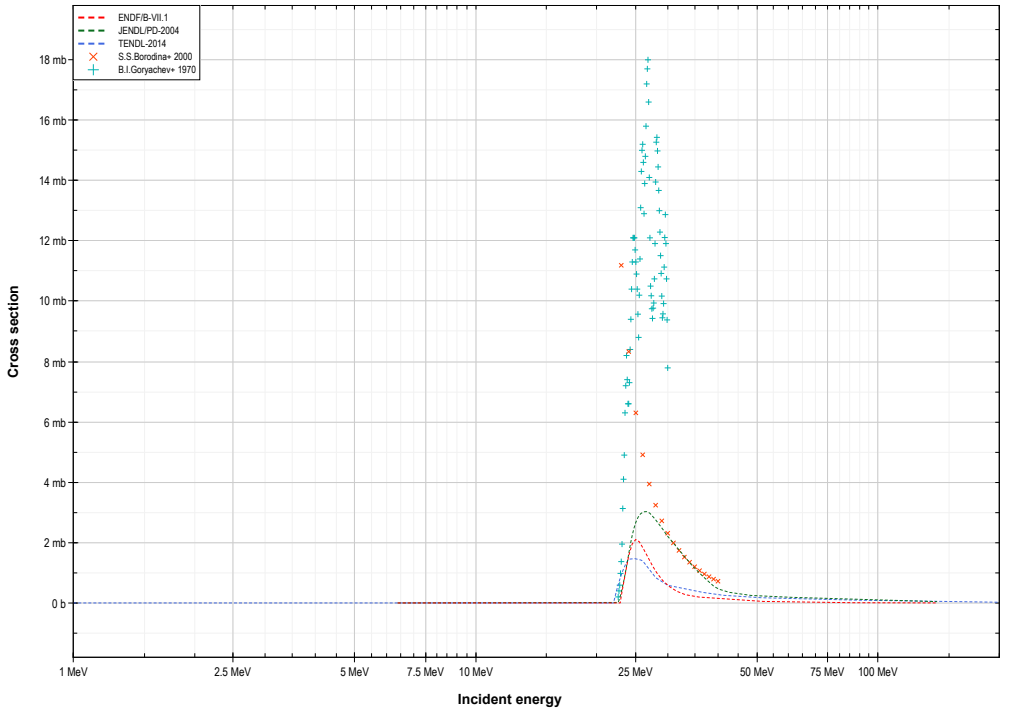
Reaction	Q-Value
Ni58(γ,n)Ni57	-12217.02 keV

<< 27-Co-59	**28-Ni-58**	28-Ni-60 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Ni56 production)**	MT28 (γ,n+p) >>

Ni58 (γ,2n) log-log



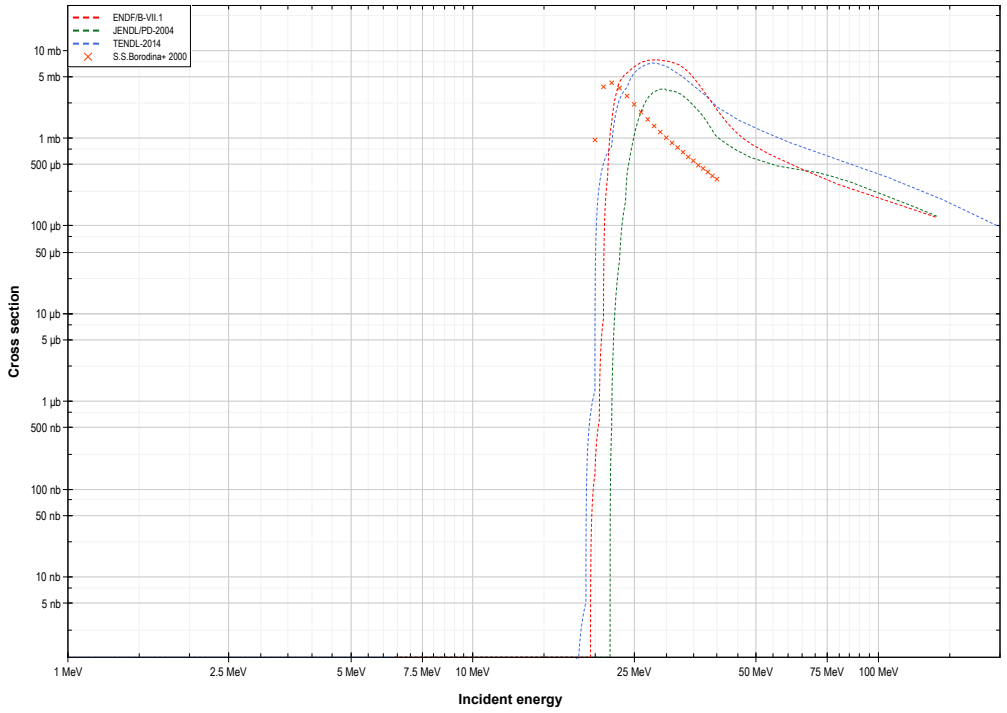
Ni58 (γ,2n) lin-log



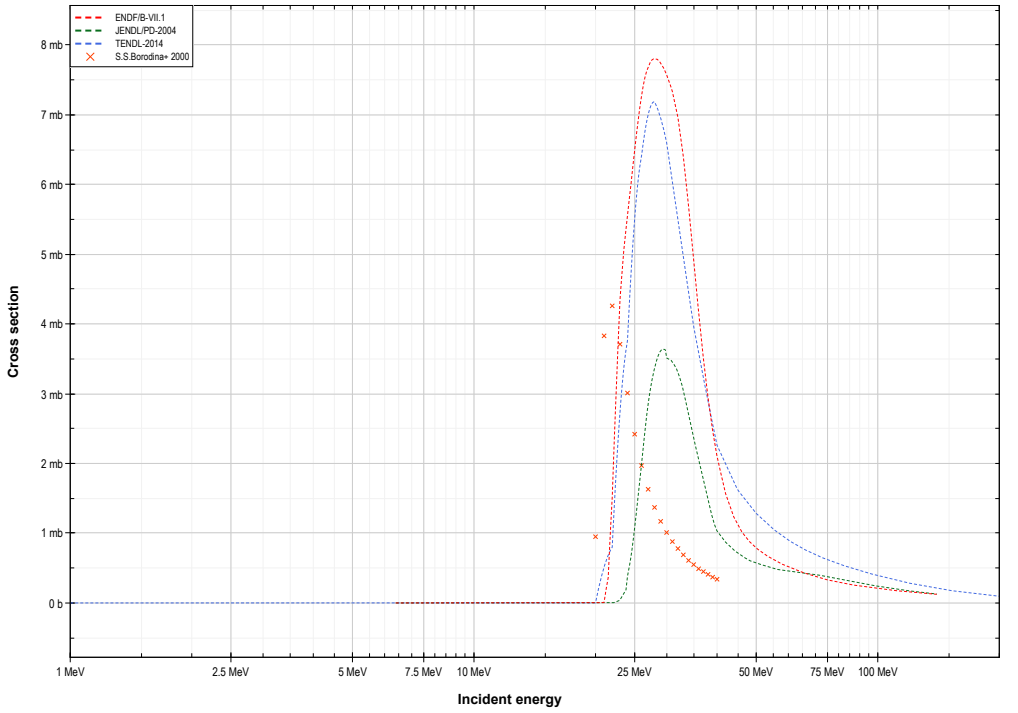
Reaction	Q-Value
Ni58(γ,2n)Ni56	-22466.33 keV

<< 26-Fe-56	**28-Ni-58**	28-Ni-60 >>
<< MT16 (γ,2n)	**MT28 (γ,n+p) or MT5 (Co56 production)**	MT103 (γ,p) >>

Ni58 (γ,n+p) log-log



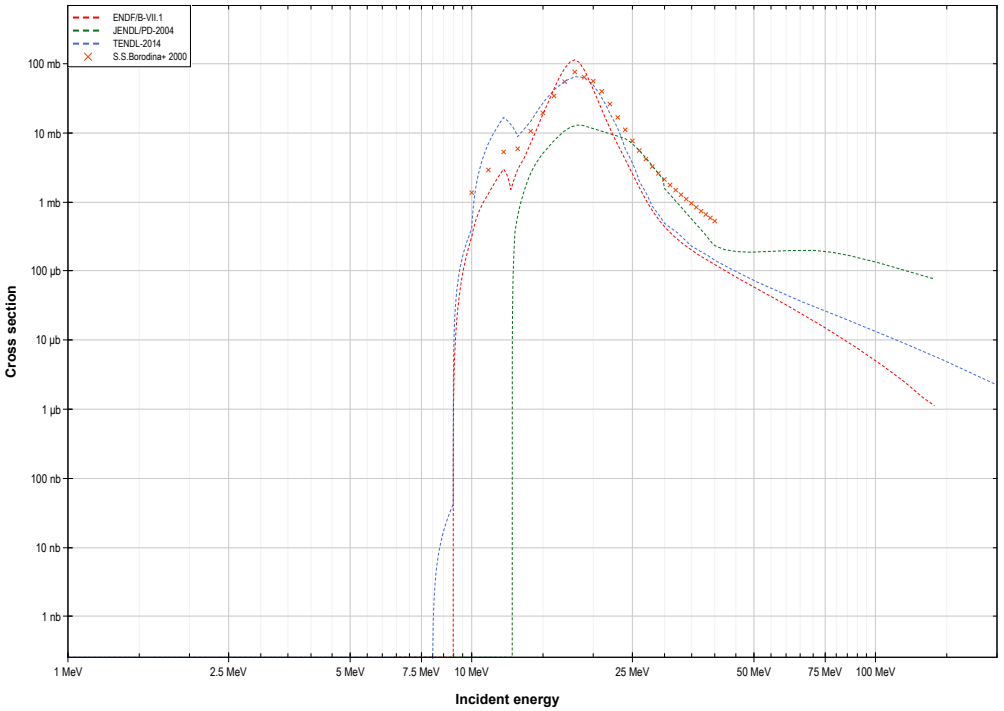
Ni58 (γ,n+p) lin-log



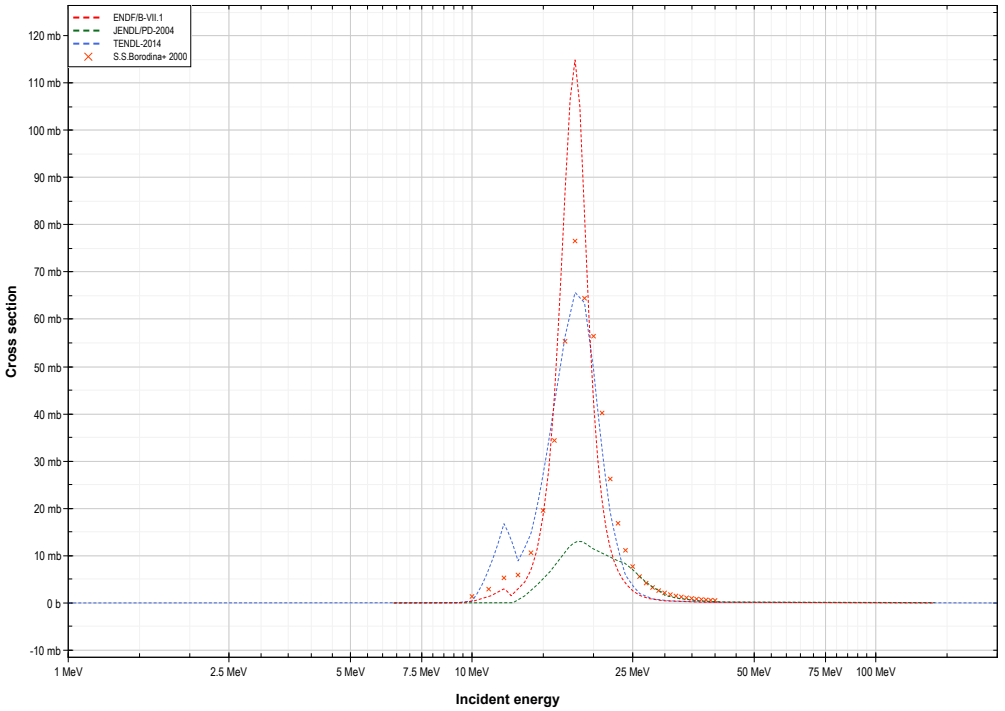
Reaction	Q-Value
Ni58(γ,d)Co56	-17324.02 keV
Ni58(γ,n+p)Co56	-19548.59 keV

<< 26-Fe-56	**28-Ni-58**	28-Ni-60 >>
<< MT28 (γ,n+p)	**MT103 (γ,p) or MT5 (Co57 production)**	28-Ni-60 MT4 (γ,n) >>

Ni58 (γ,p) log-log



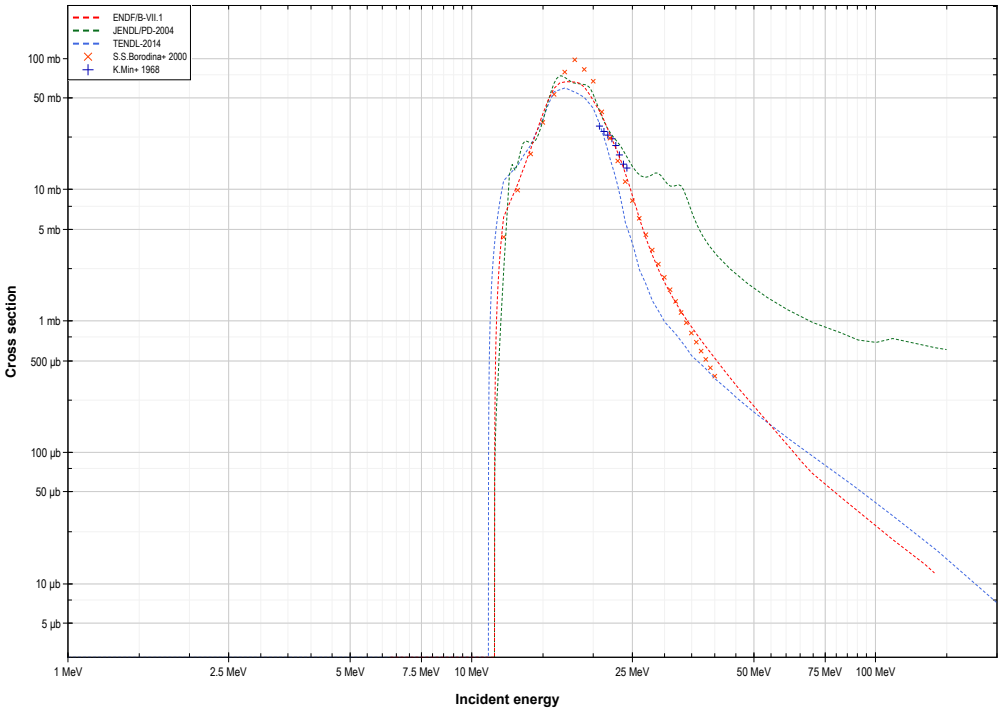
Ni58 (γ,p) lin-log



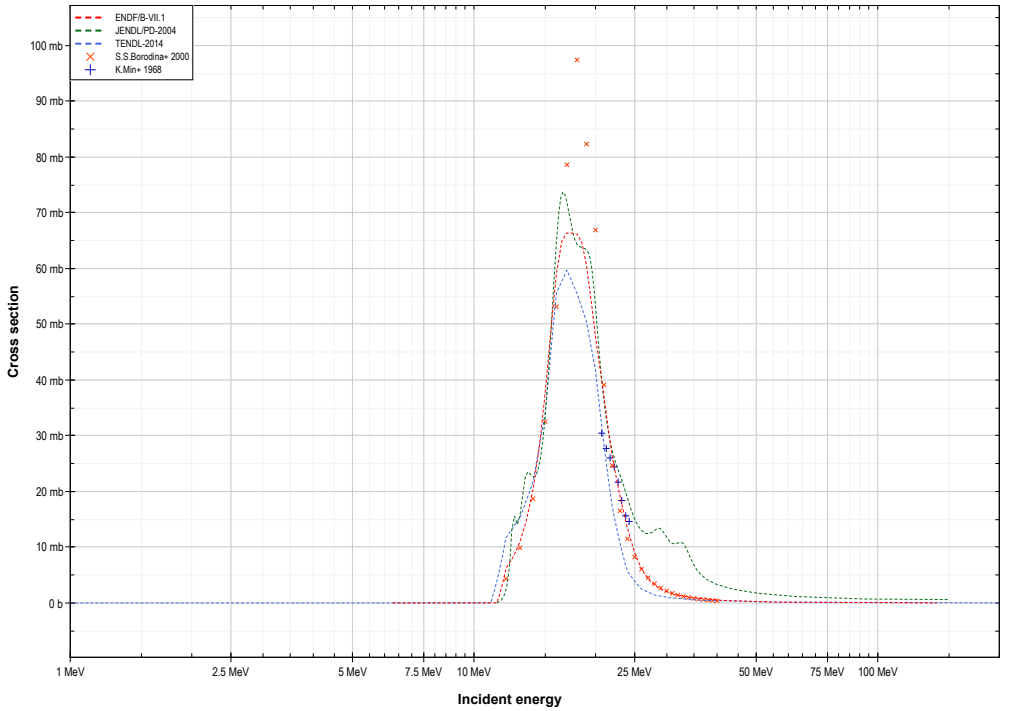
Reaction	Q-Value
Ni58(γ,p)Co57	-8172.47 keV

<< 28-Ni-58	**28-Ni-60**	29-Cu-63 >>
<< 28-Ni-58 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Ni59 production)**	MT16 (γ,2n) >>

Ni60 (γ,n) log-log



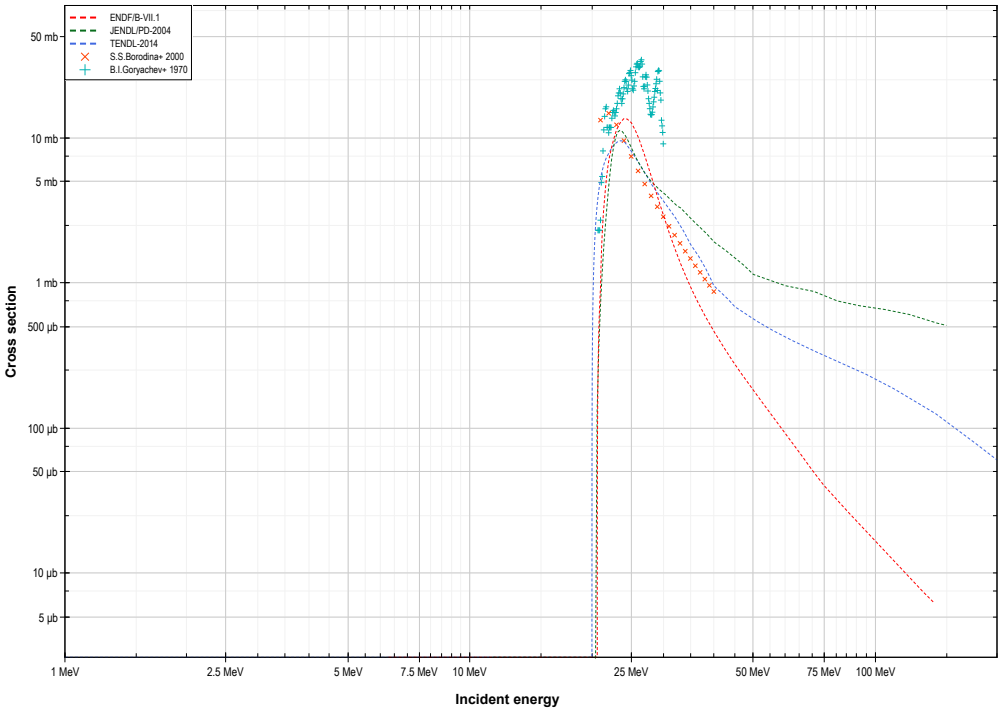
Ni60 (γ,n) lin-log



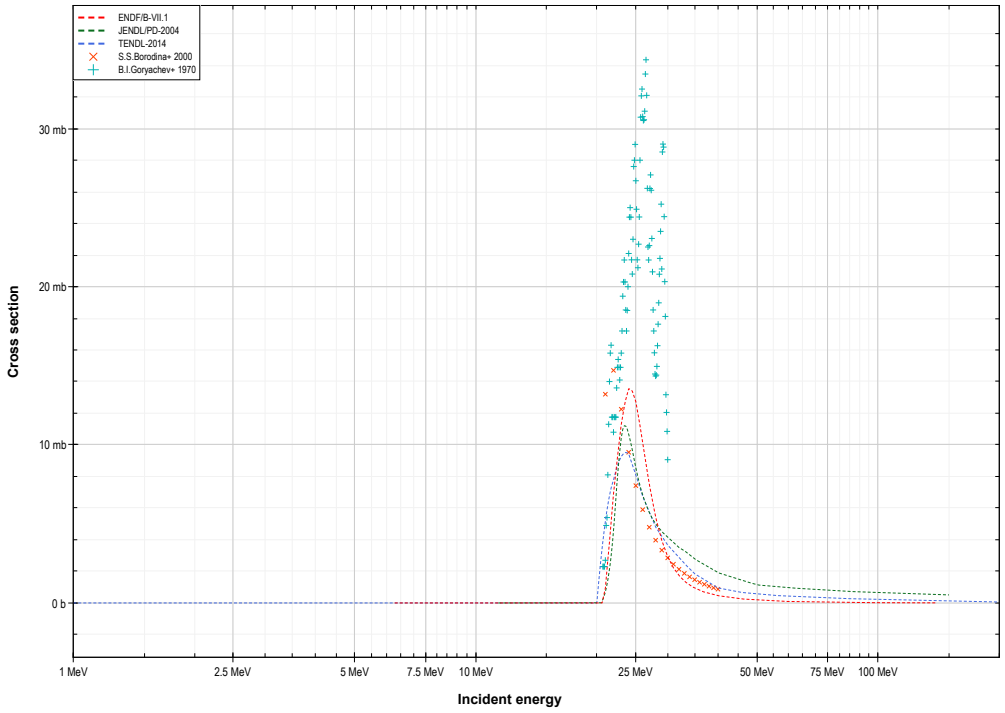
Reaction	Q-Value
Ni60(γ,n)Ni59	-11387.72 keV

<< 28-Ni-58	**28-Ni-60**	29-Cu-63 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Ni58 production)**	MT28 (γ,n+p) >>

Ni60 (γ,2n) log-log



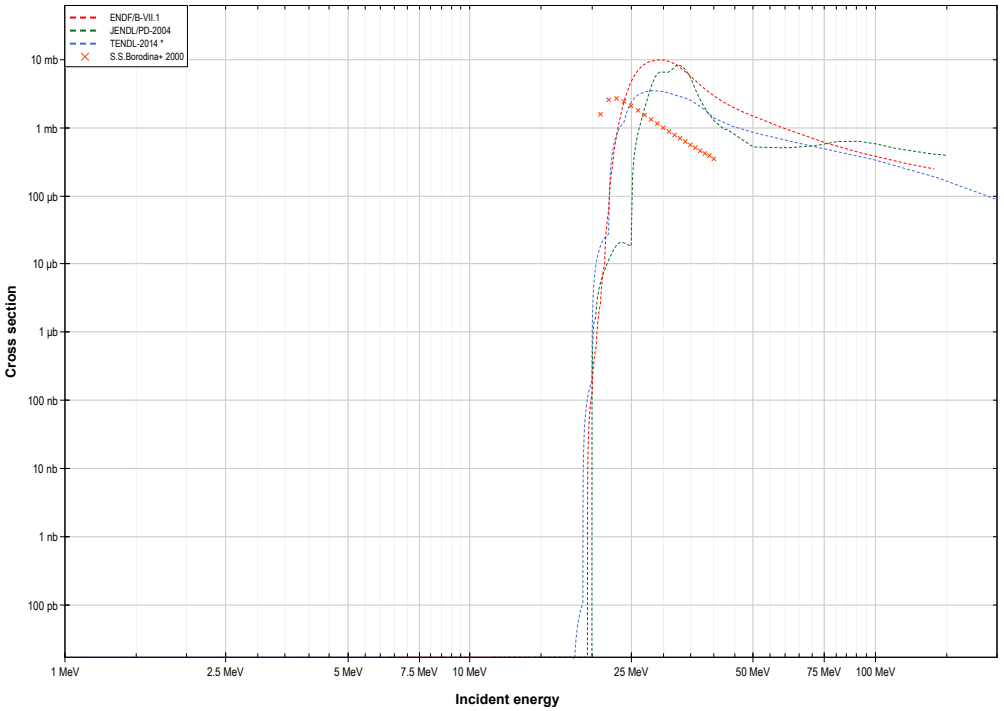
Ni60 (γ,2n) lin-log



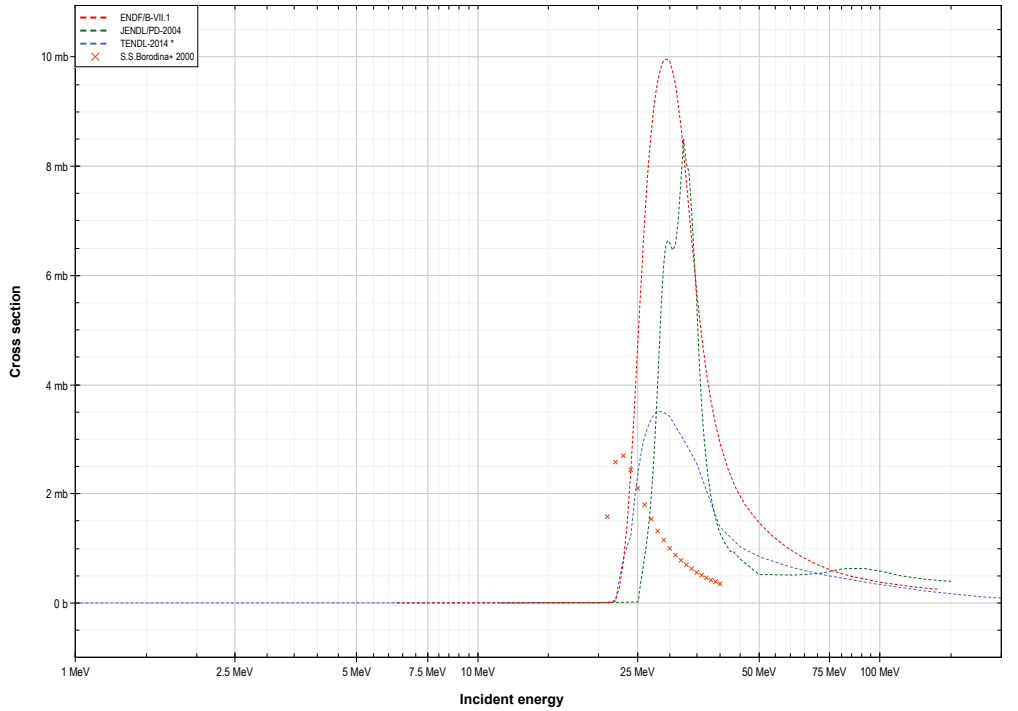
Reaction	Q-Value
Ni60(γ,2n)Ni58	-20387.03 keV

<< 28-Ni-58	**28-Ni-60**	29-Cu-63 >>
<< MT16 (γ,2n)	**MT28 (γ,n+p) or MT5 (Co58 production)**	MT103 (γ,p) >>

Ni60 (γ,n+p) log-log



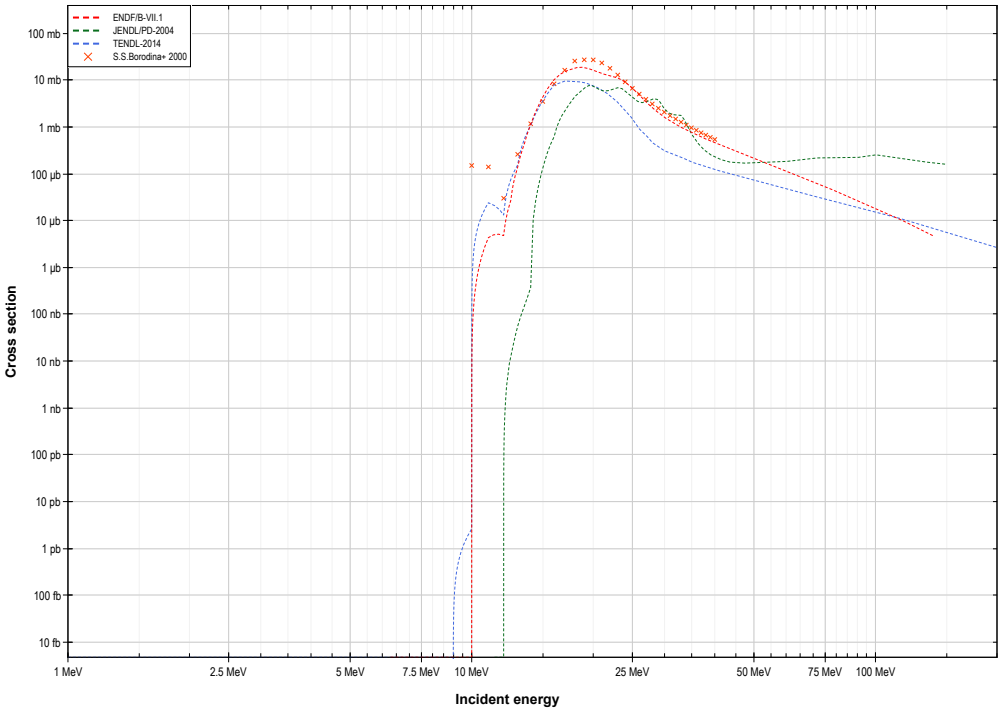
Ni60 (γ,n+p) lin-log



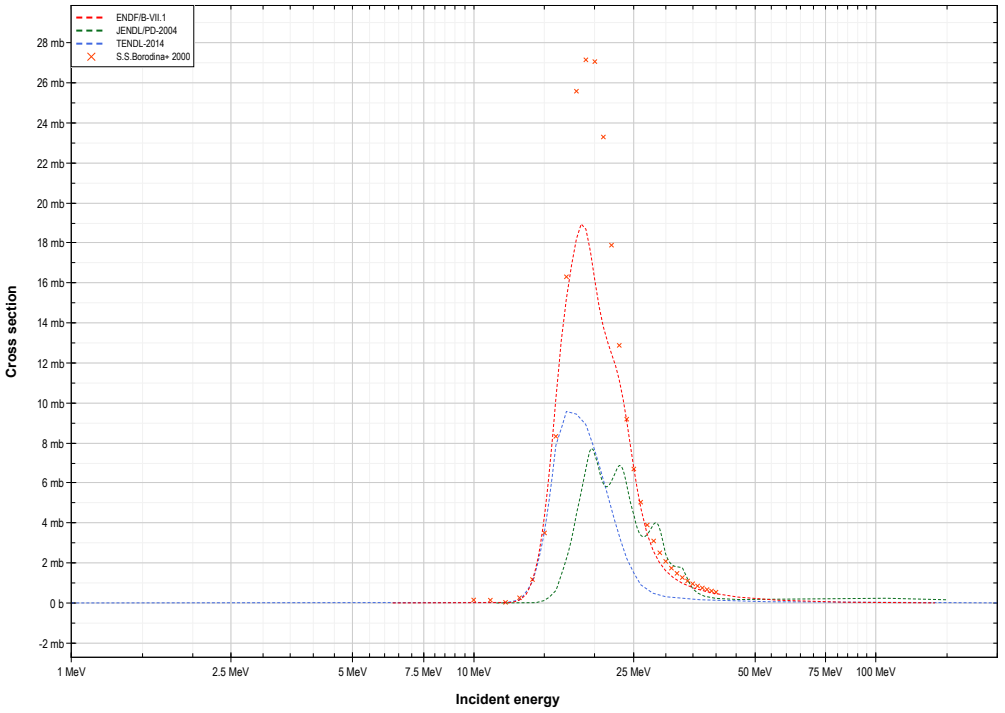
Reaction	Q-Value
Ni60(γ,d)Co58	-17761.92 keV
Ni60(γ,n+p)Co58	-19986.49 keV

<< 28-Ni-58	**28-Ni-60**	29-Cu-63 >>
<< MT28 (γ,n+p)	**MT103 (γ,p) or MT5 (Co59 production)**	29-Cu-63 MT4 (γ,n) >>

Ni60 (γ,p) log-log



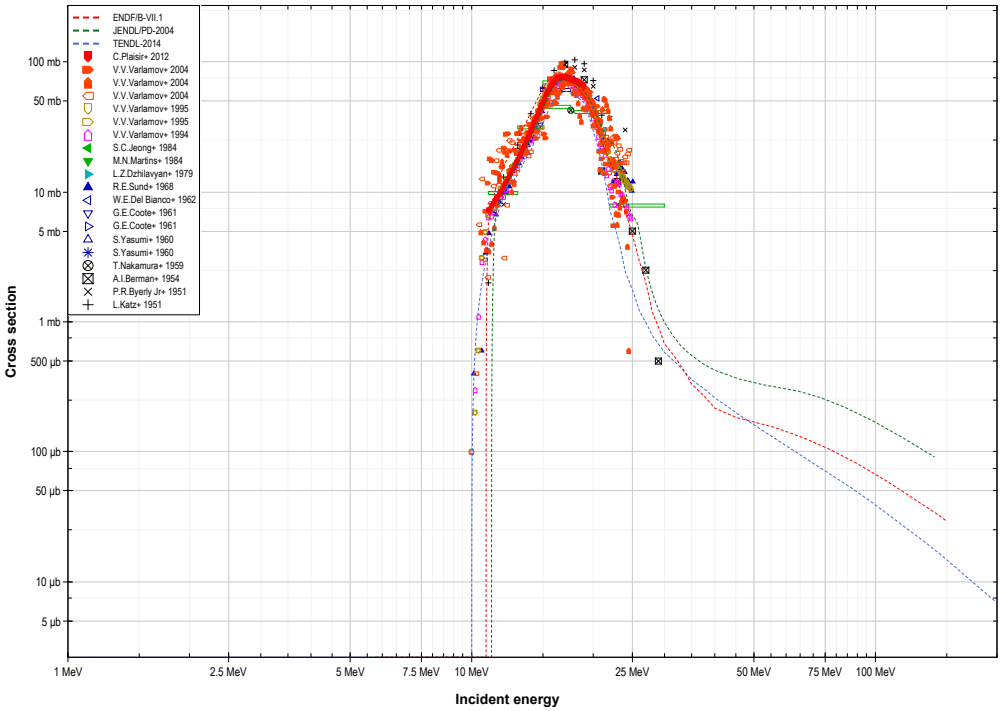
Ni60 (γ,p) lin-log



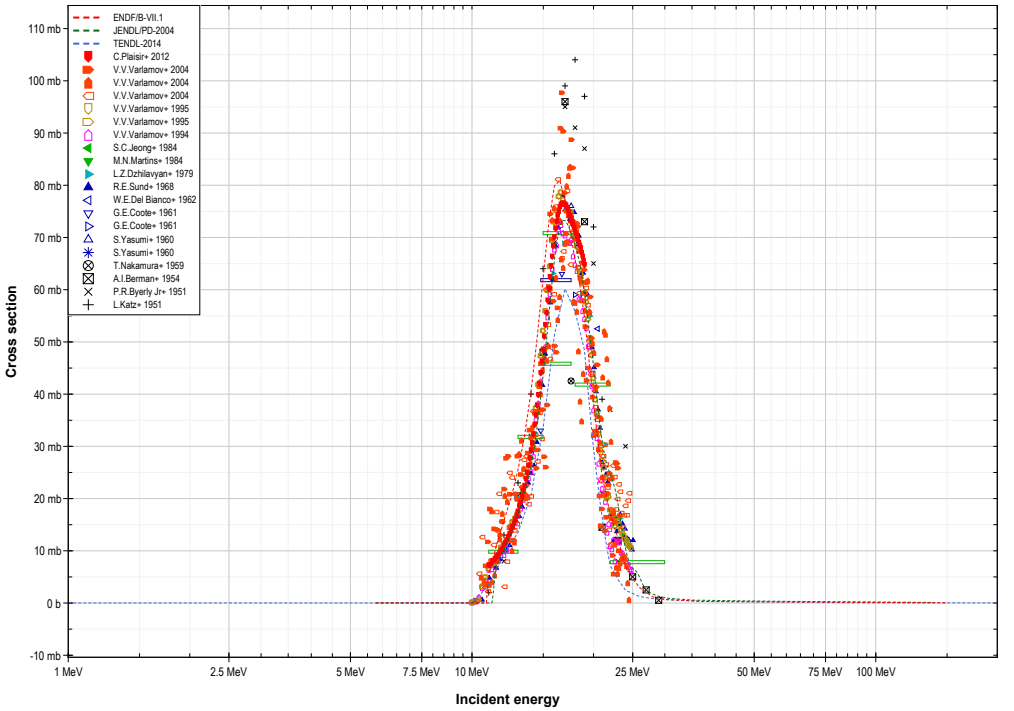
Reaction	Q-Value
Ni60(γ,p)Co59	-9532.67 keV

<< 28-Ni-60	**29-Cu-63**	29-Cu-65 >>
<< 28-Ni-60 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Cu62 production)**	MT16 (γ,2n) >>

Cu63 (γ,n) log-log



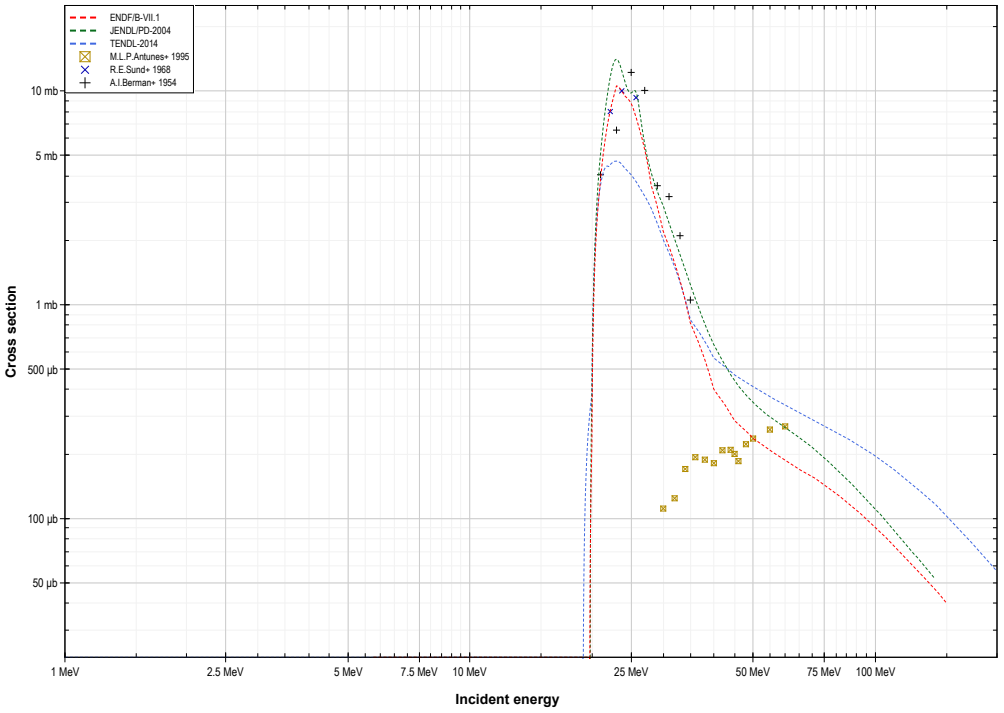
Cu63 (γ,n) lin-log



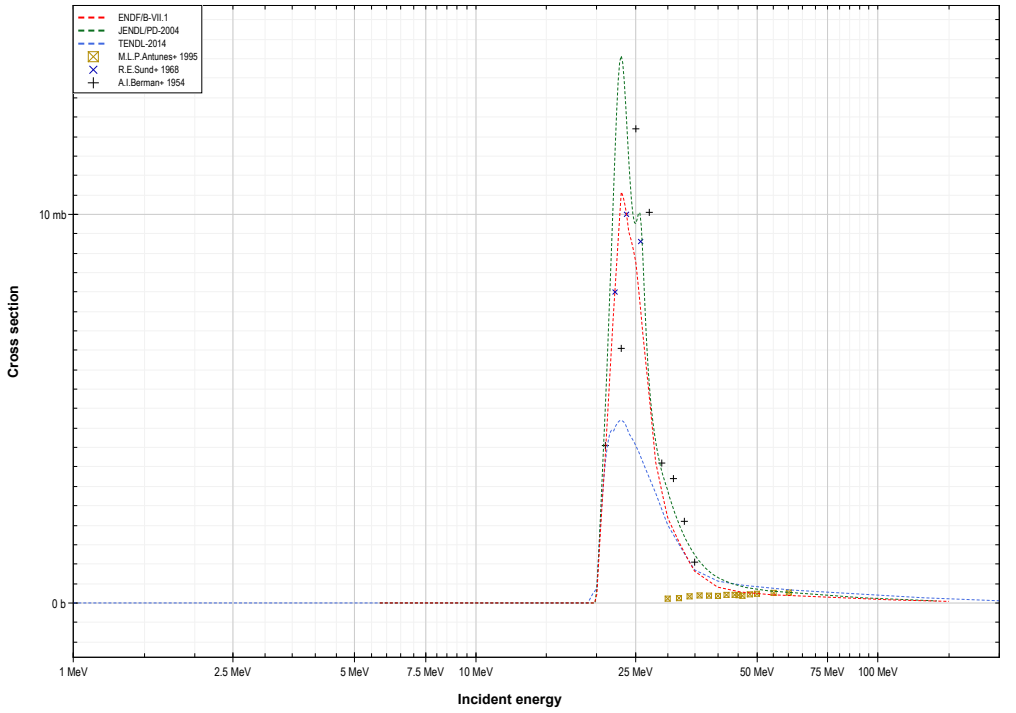
Reaction	Q-Value
Cu63(γ,n)Cu62	-10852.82 keV

<< 28-Ni-60	**29-Cu-63**	32-Ge-70 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Cu61 production)**	MT28 (γ,n+p) >>

Cu63 (γ,2n) log-log



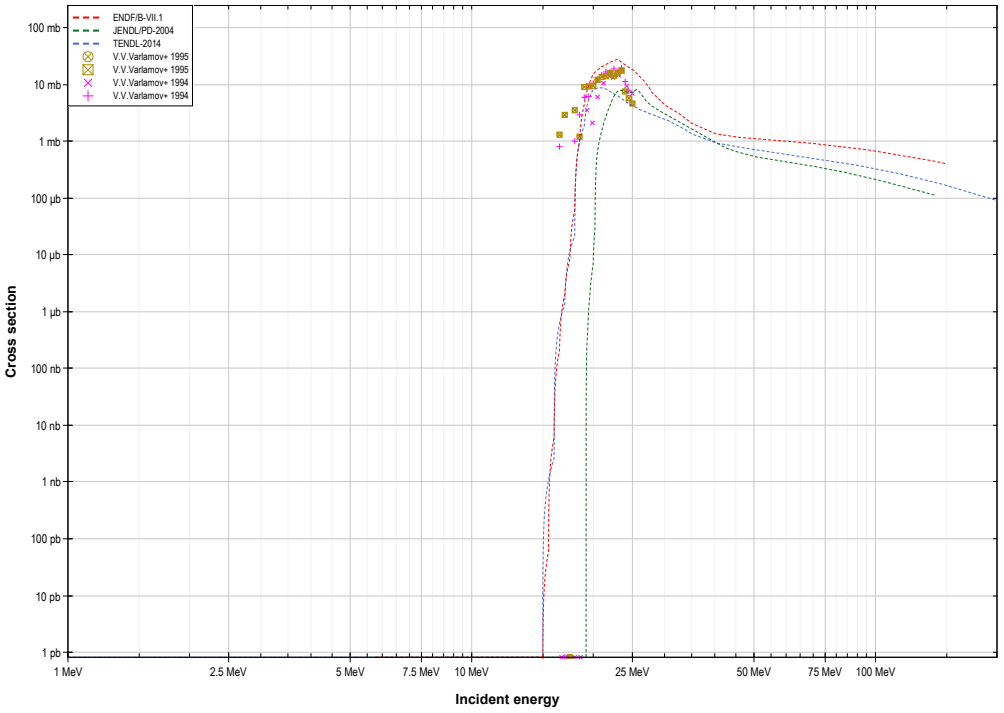
Cu63 (γ,2n) lin-log



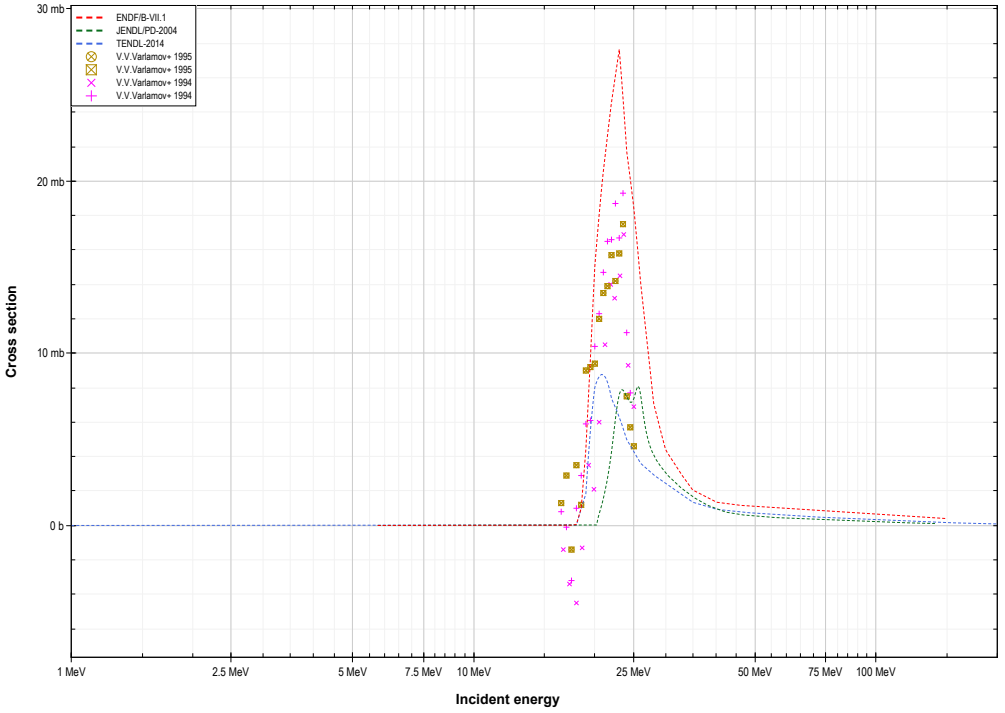
Reaction	Q-Value
Cu63(γ,2n)Cu61	-19738.53 keV

<< 28-Ni-60	**29-Cu-63**	29-Cu-65 >>
<< MT16 (γ,2n)	**MT28 (γ,n+p) or MT5 (Ni61 production)**	MT103 (γ,p) >>

Cu63 (γ,n+p) log-log



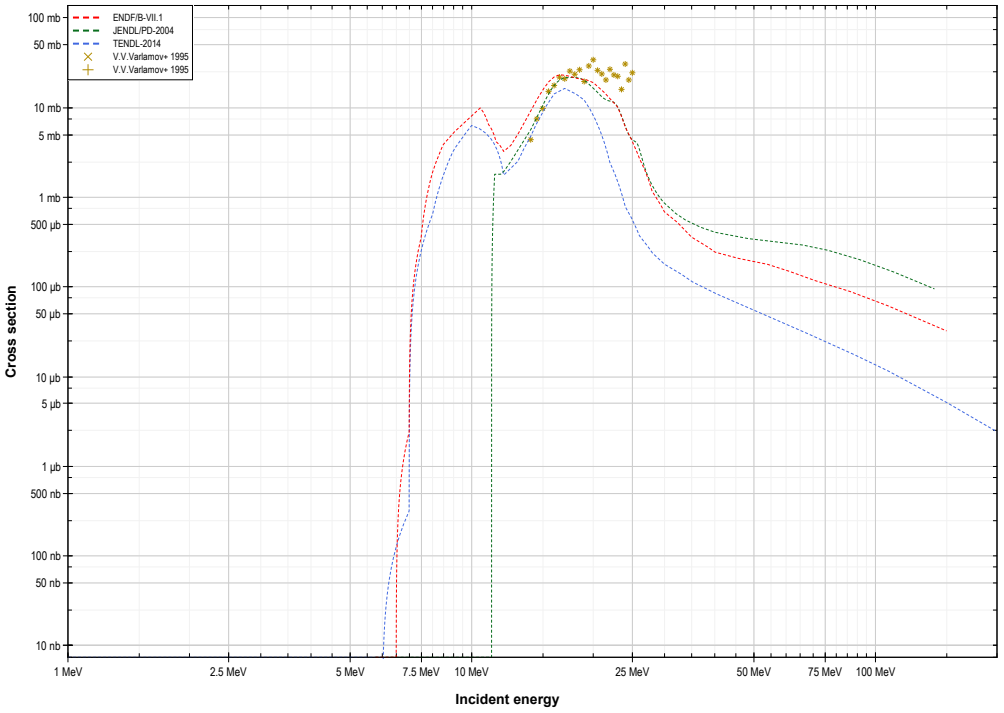
Cu63 (γ,n+p) lin-log



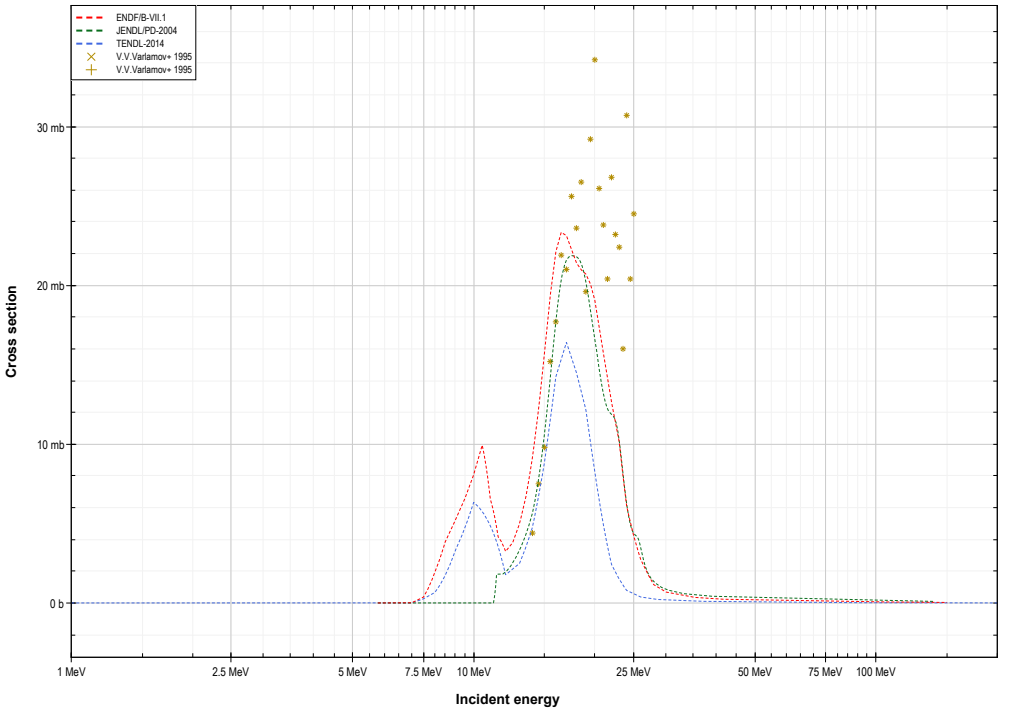
Reaction	Q-Value
Cu63(γ,d)Ni61	-14494.32 keV
Cu63(γ,n+p)Ni61	-16718.89 keV

<< 28-Ni-60	**29-Cu-63**	29-Cu-65 >>
<< MT28 (γ,n+p)	**MT103 (γ,p) or MT5 (Ni62 production)**	MT111 (γ,2p) >>

Cu63 (γ,p) log-log



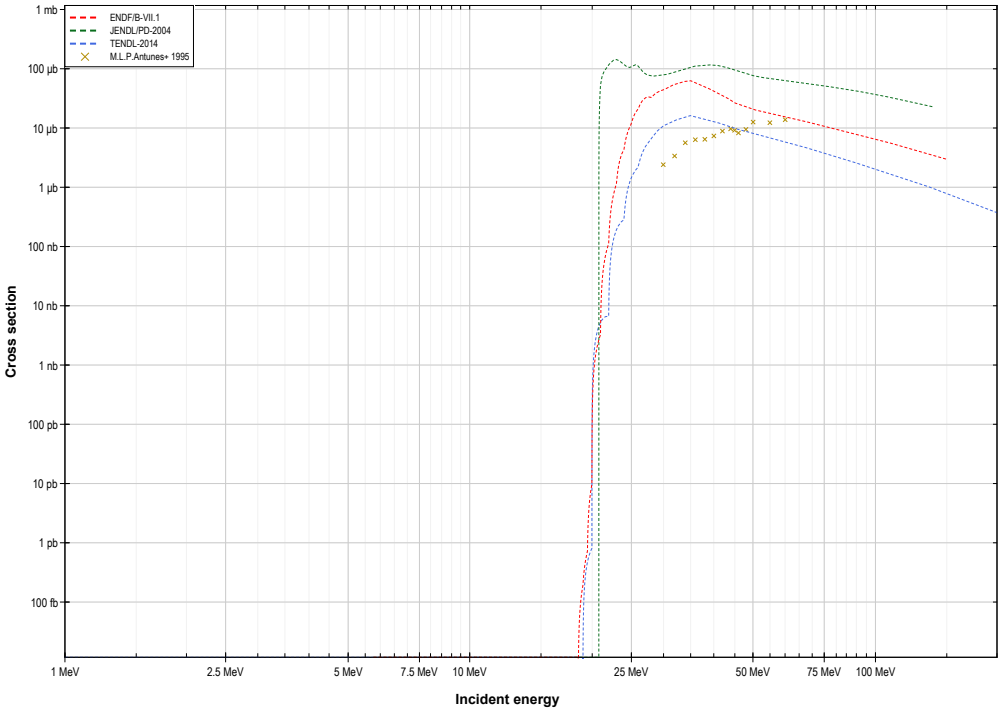
Cu63 (γ,p) lin-log



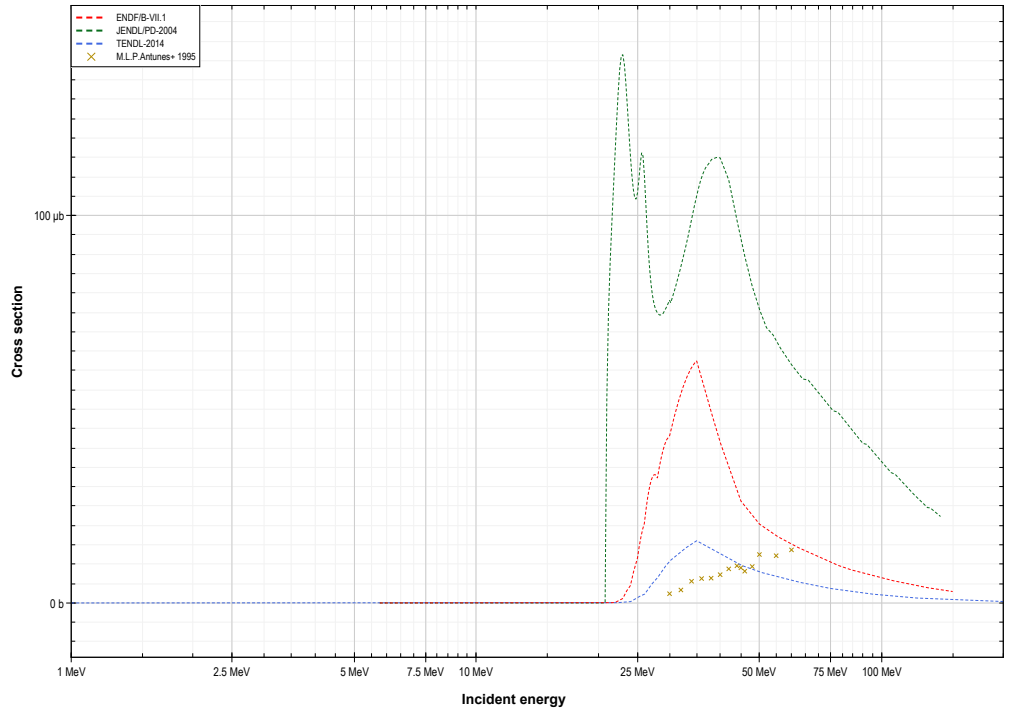
Reaction	Q-Value
Cu63(γ,p)Ni62	-6122.37 keV

	29-Cu-63	
<< MT103 (γ,p)	**MT111 (γ,2p) or MT5 (Co61 production)**	29-Cu-65 MT4 (γ,n) >>

Cu63 (γ,2p) log-log



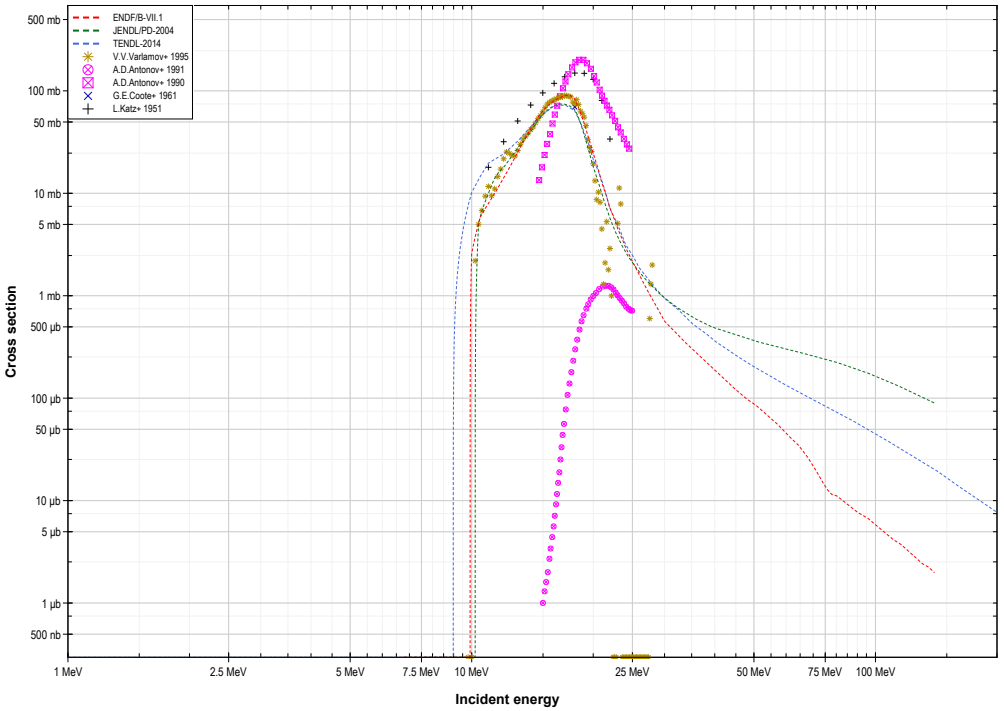
Cu63 (γ,2p) lin-log



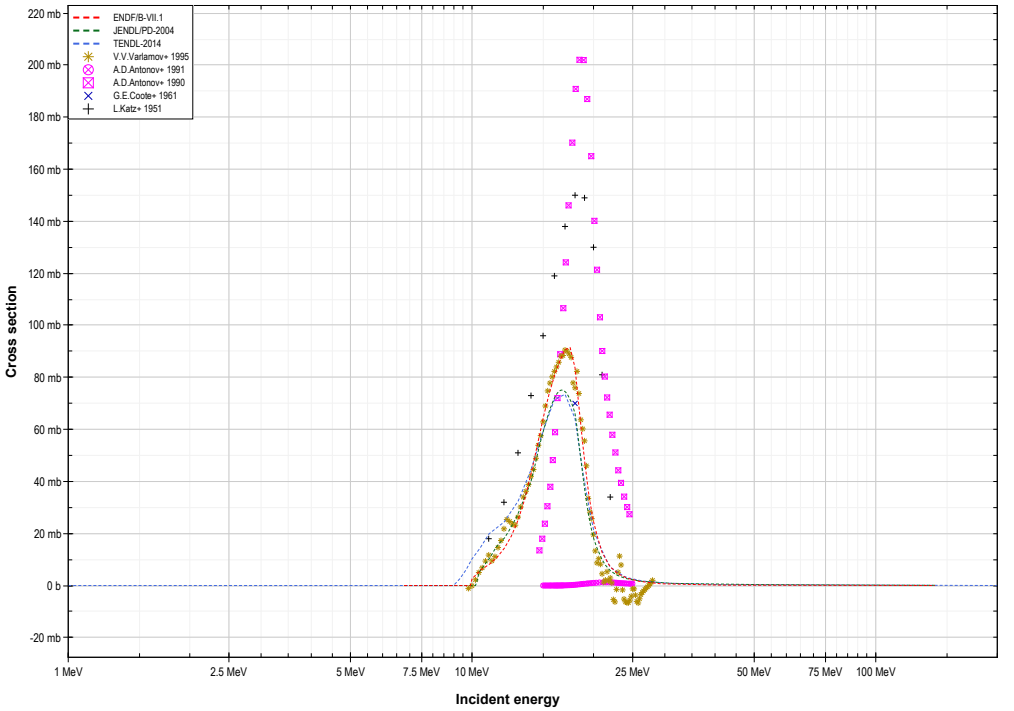
Reaction	Q-Value
Cu63(γ,2p)Co61	-17259.04 keV

<< 29-Cu-63	**29-Cu-65**	30-Zn-64 >>
<< 29-Cu-63 MT111 (γ,2p)	**MT4 (γ,n) or MT5 (Cu64 production)**	MT28 (γ,n+p) >>

Cu65 (γ,n) log-log



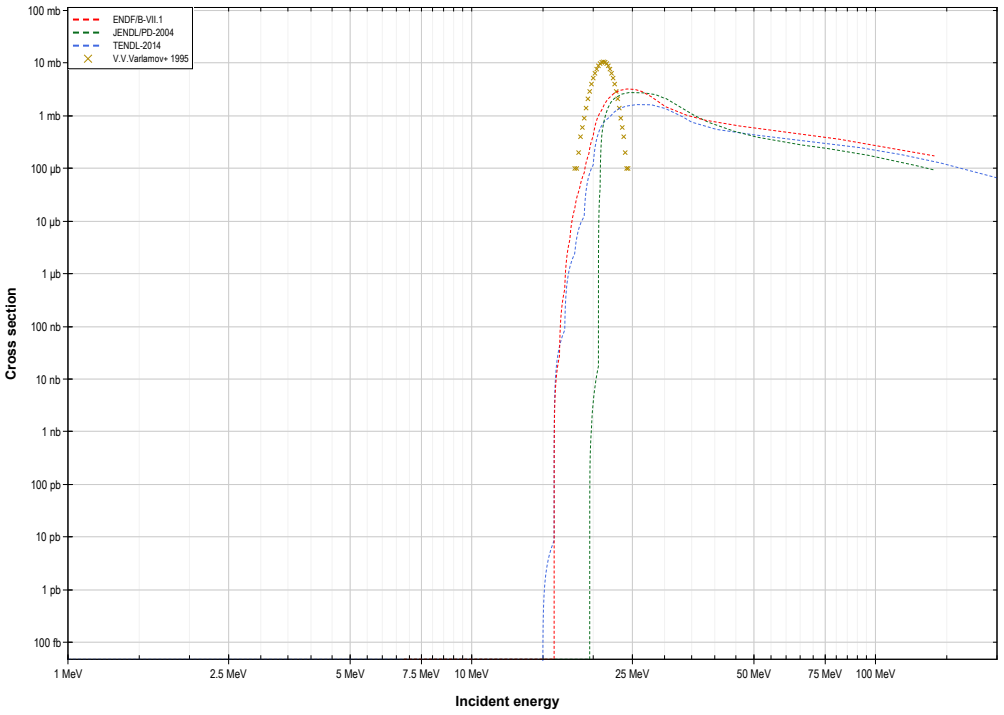
Cu65 (γ,n) lin-log



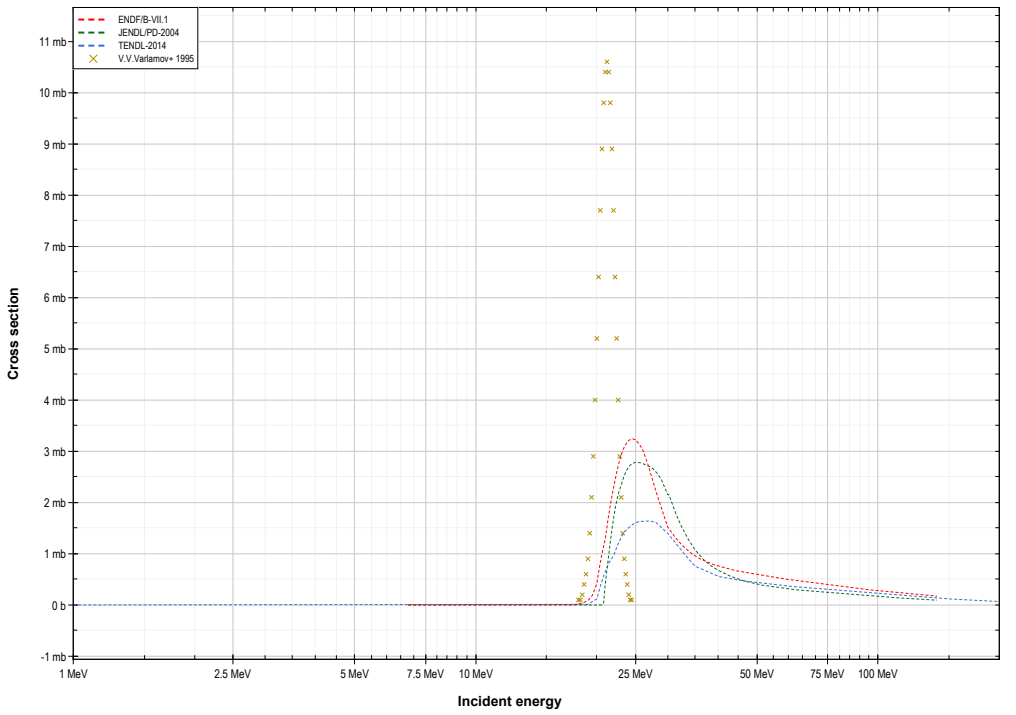
Reaction	Q-Value
Cu65(γ,n)Cu64	-9910.82 keV

<< 29-Cu-63	**29-Cu-65**	30-Zn-64 >>
<< MT4 (γ,n)	**MT28 (γ,n+p) or MT5 (Ni63 production)**	MT103 (γ,p) >>

Cu65 (γ,n+p) log-log



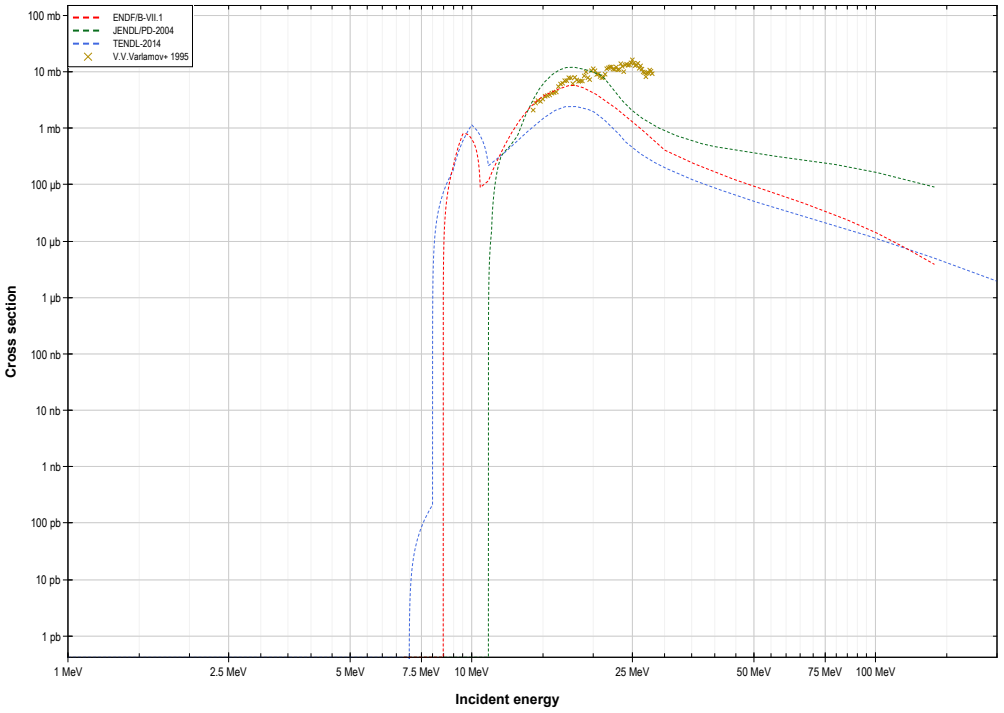
Cu65 (γ,n+p) lin-log



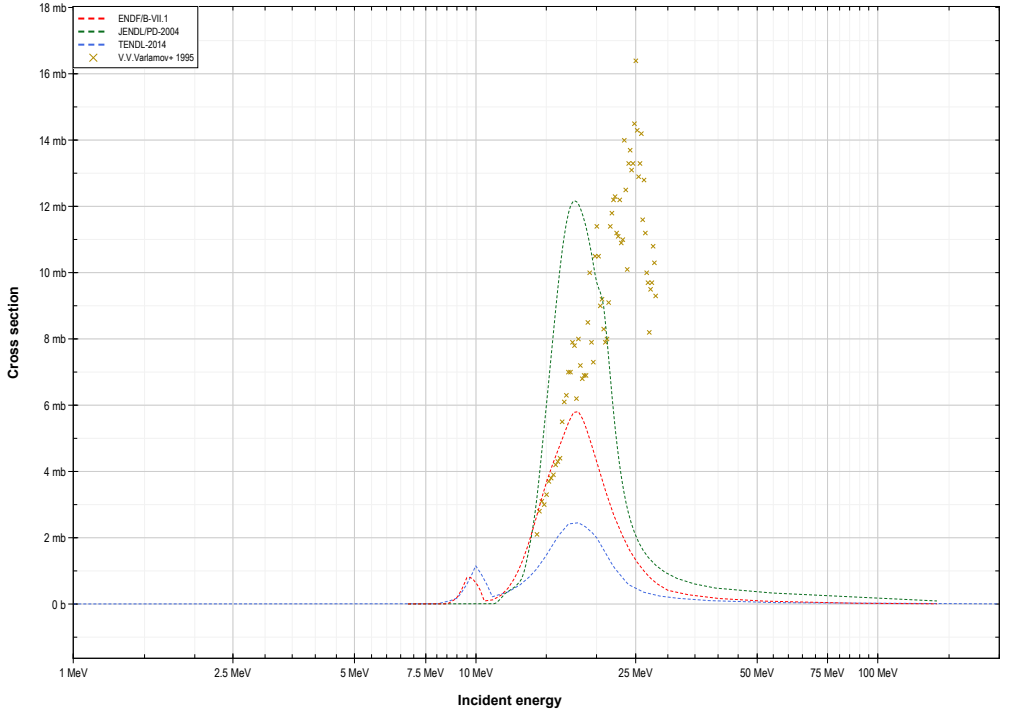
Reaction	Q-Value
Cu65(γ,d)Ni63	-14886.82 keV
Cu65(γ,n+p)Ni63	-17111.39 keV

<< 29-Cu-63	**29-Cu-65**	32-Ge-70 >>
<< MT28 (γ,n+p)	**MT103 (γ,p) or MT5 (Ni64 production)**	30-Zn-64 MT4 (γ,n) >>

Cu65 (γ,p) log-log



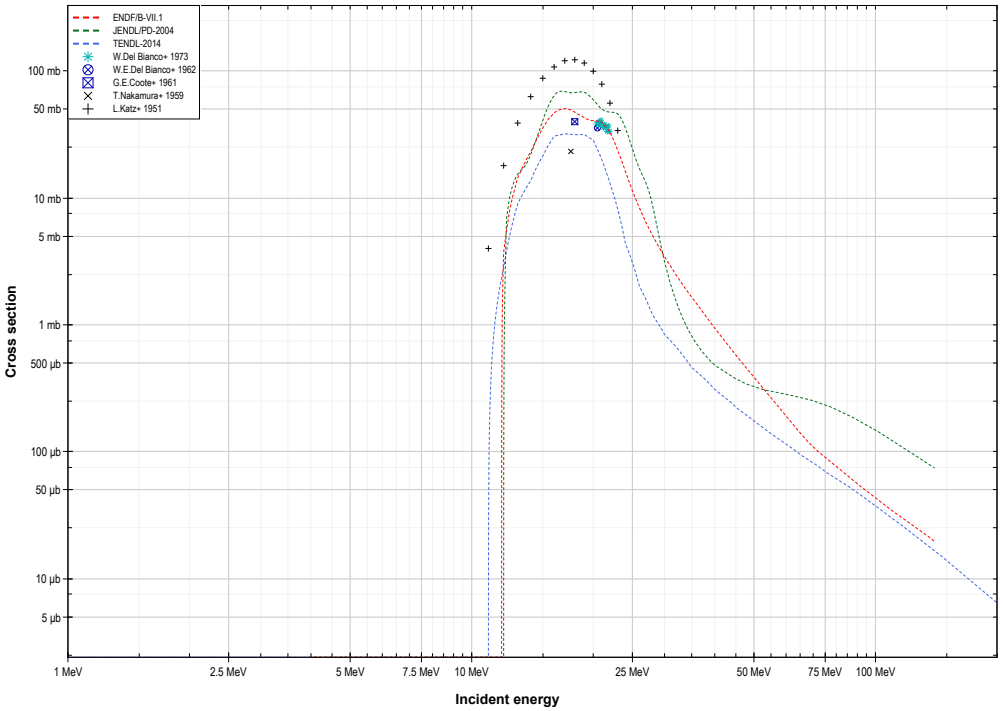
Cu65 (γ,p) lin-log



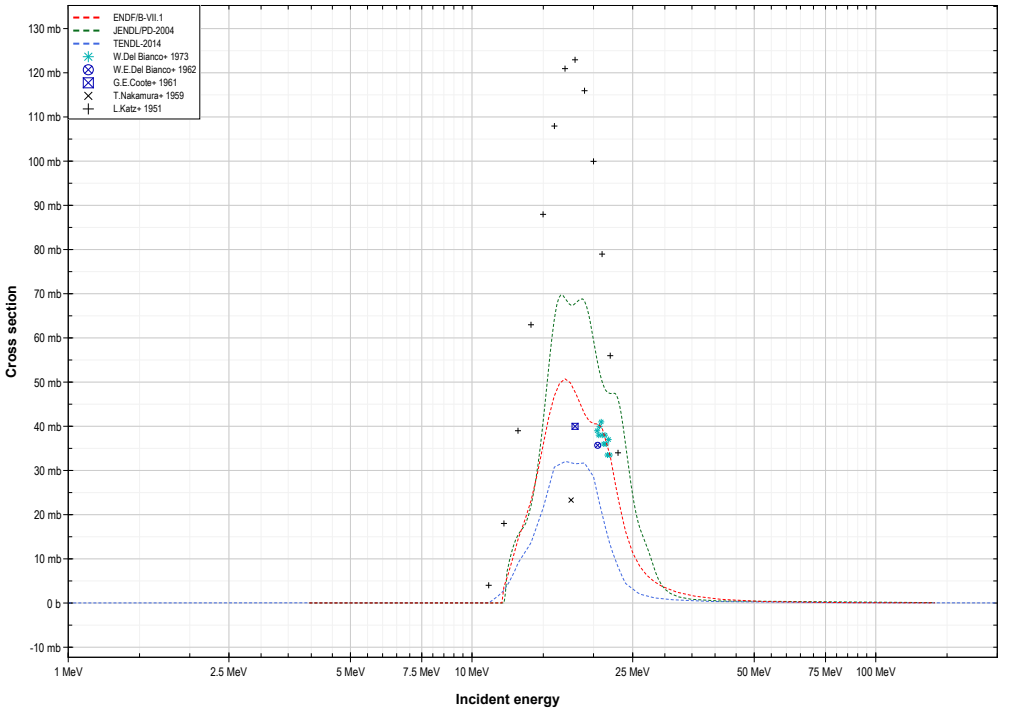
Reaction	Q-Value
Cu65(γ,p)Ni64	-7453.37 keV

<< 29-Cu-65	**30-Zn-64**	30-Zn-65 >>
<< 29-Cu-65 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Zn63 production)**	MT28 (γ,n+p) >>

Zn64 (γ,n) log-log



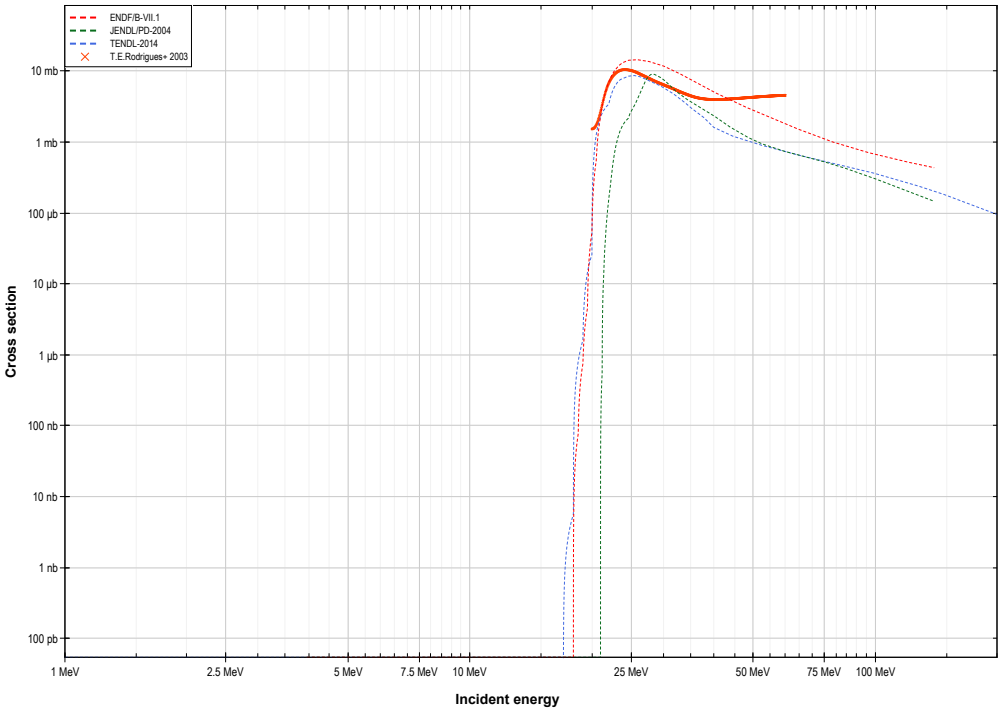
Zn64 (γ,n) lin-log



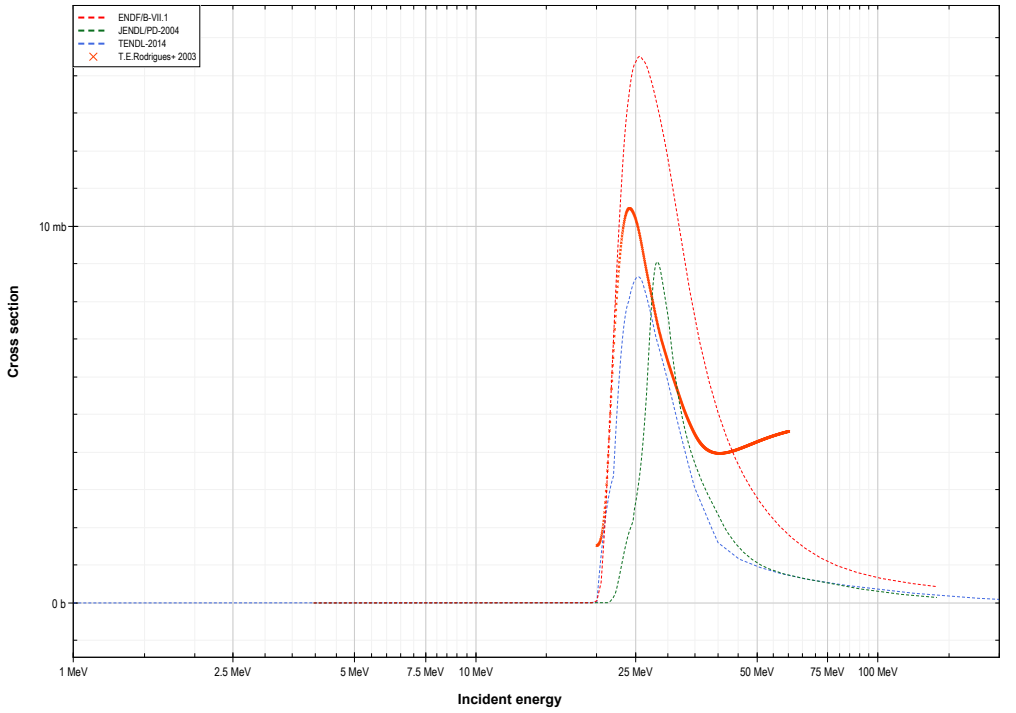
Reaction	Q-Value
Zn64(γ,n)Zn63	-11861.92 keV

<< 29-Cu-65	**30-Zn-64**	64-Gd-160 >>
<< MT4 (γ,n)	**MT28 (γ,n+p) or MT5 (Cu62 production)**	30-Zn-65 MT4 (γ,n) >>

Zn64 (γ,n+p) log-log



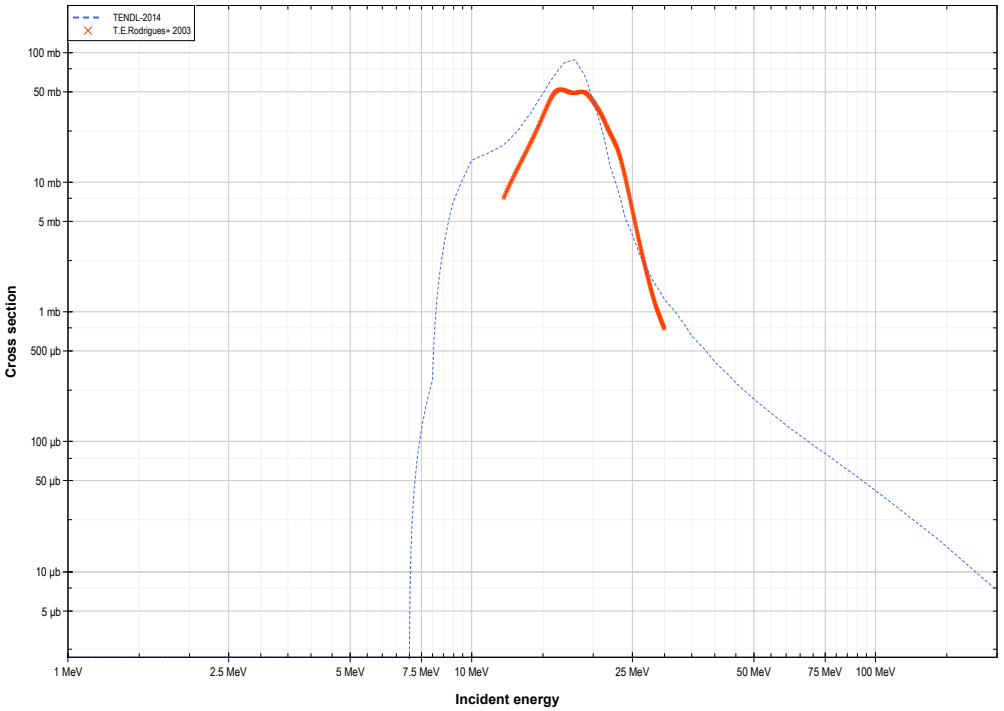
Zn64 (γ,n+p) lin-log



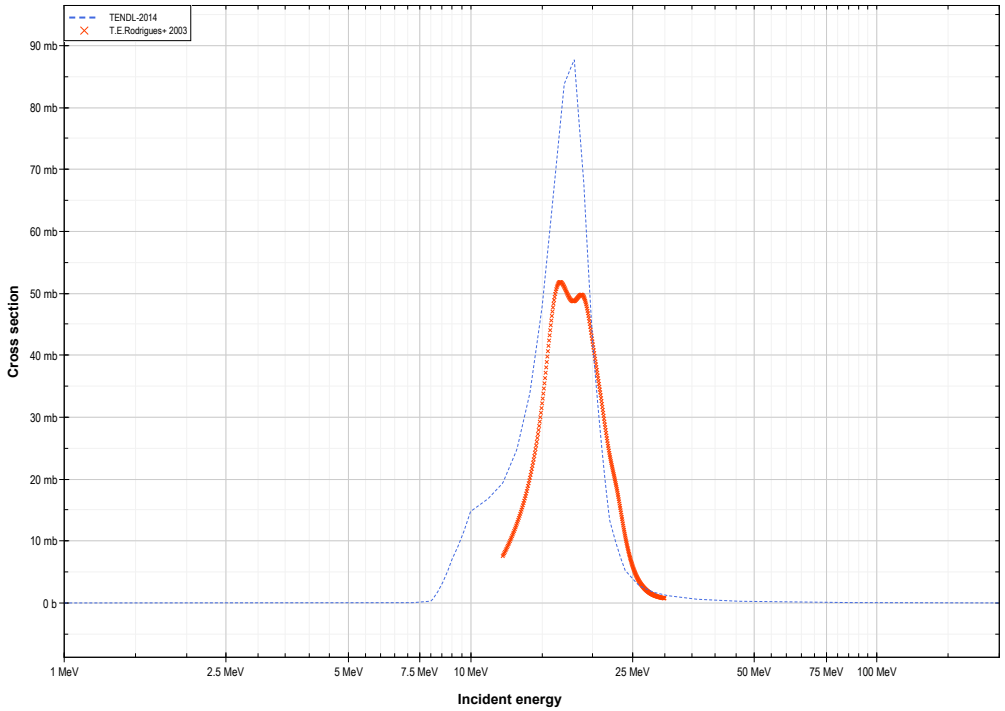
Reaction	Q-Value
Zn64(γ,d)Cu62	-16341.32 keV
Zn64(γ,n+p)Cu62	-18565.89 keV

<< 30-Zn-64	**30-Zn-65**	30-Zn-67 >>
<< 30-Zn-64 MT28 (γ,n+p)	**MT4 (γ,n) or MT5 (Zn64 production)**	30-Zn-67 MT4 (γ,n) >>

Zn65 (γ,n) log-log



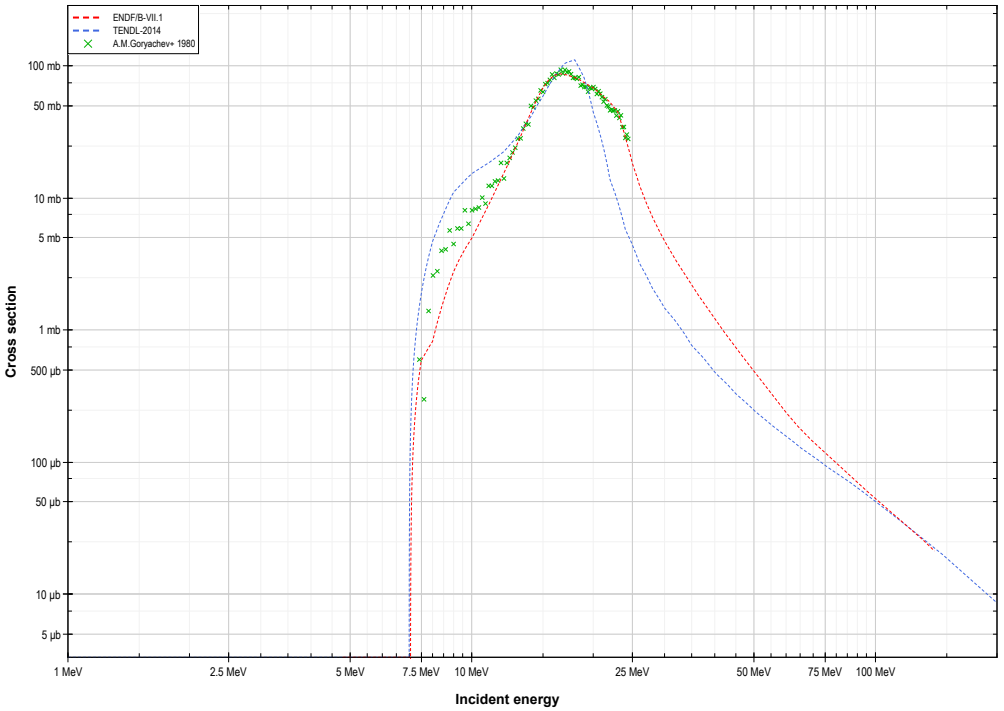
Zn65 (γ,n) lin-log



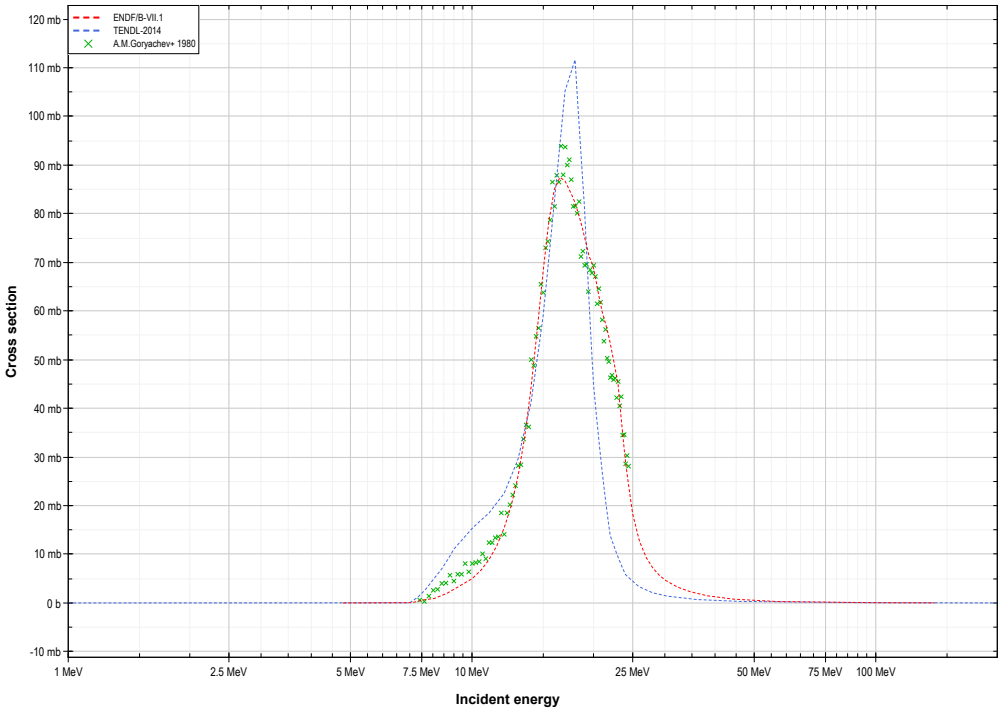
Reaction	Q-Value
Zn65(γ,n)Zn64	-7979.32 keV

<< 30-Zn-65	**30-Zn-67**	30-Zn-70 >>
<< 30-Zn-65 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Zn66 production)**	30-Zn-70 MT4 (γ,n) >>

Zn67 (γ,n) log-log



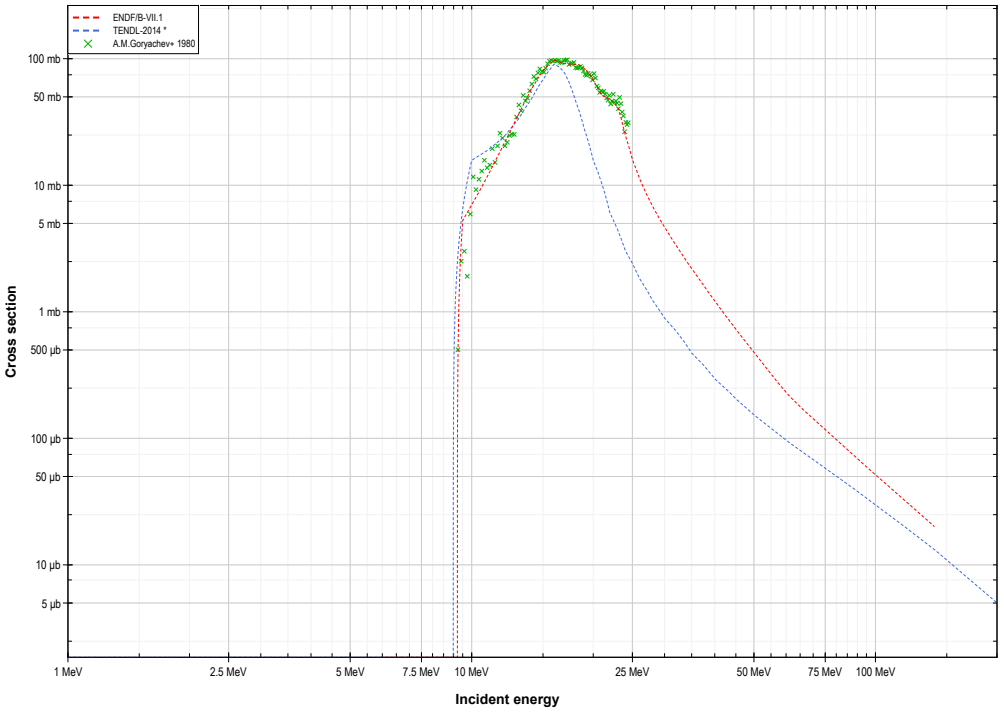
Zn67 (γ,n) lin-log



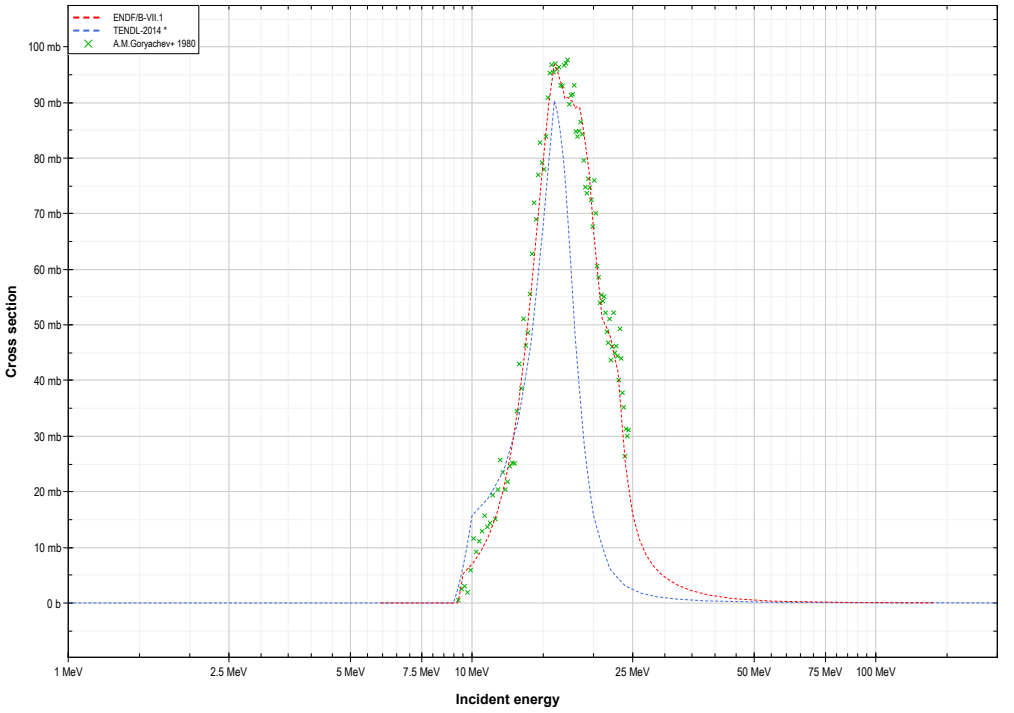
Reaction	Q-Value
Zn67(γ,n)Zn66	-7052.32 keV

<< 30-Zn-67	**30-Zn-70**	32-Ge-70 >>
<< 30-Zn-67 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Zn69 production)**	32-Ge-70 MT4 (γ,n) >>

Zn70 (γ,n) log-log



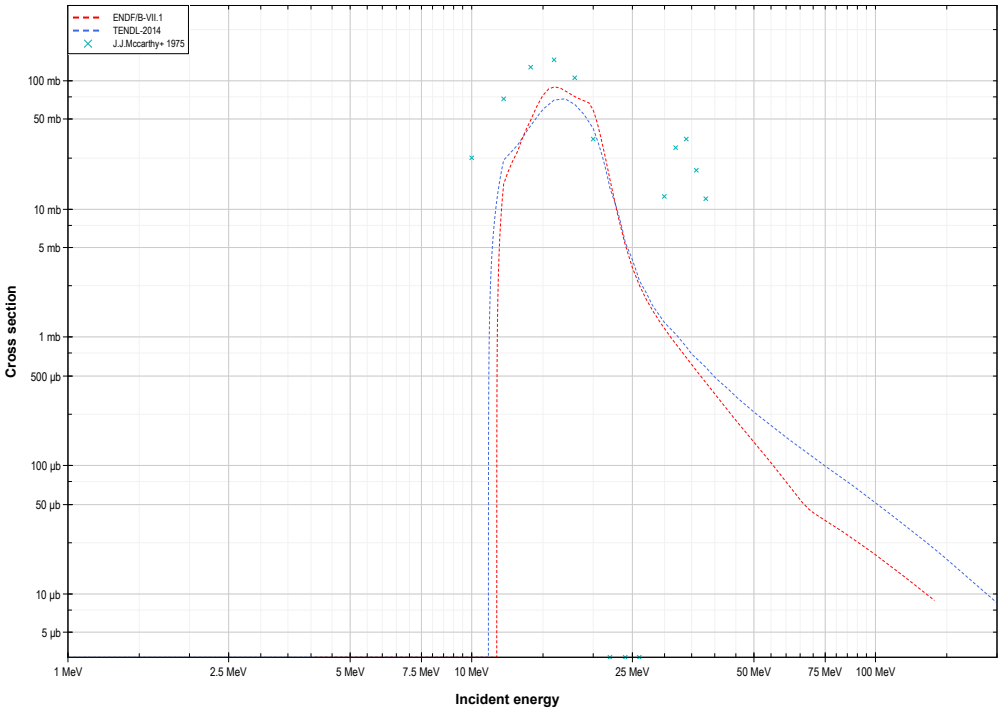
Zn70 (γ,n) lin-log



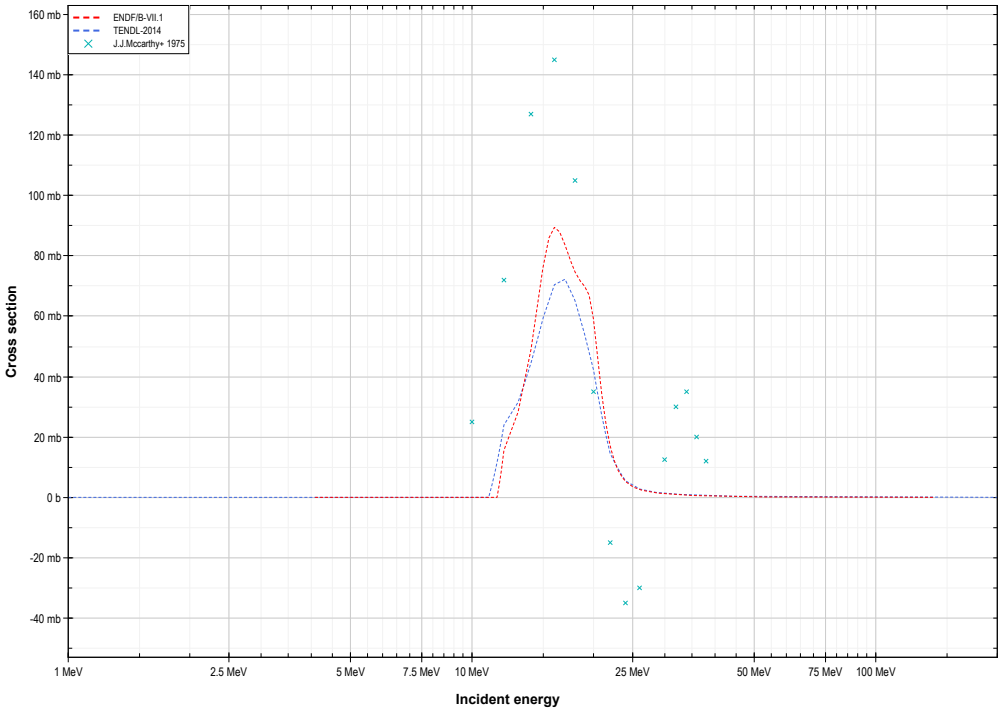
Reaction	Q-Value
Zn70(γ,n)Zn69	-9217.92 keV

<< 30-Zn-70	**32-Ge-70**	32-Ge-72 >>
<< 30-Zn-70 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Ge69 production)**	MT16 (γ,2n) >>

Ge70 (γ,n) log-log



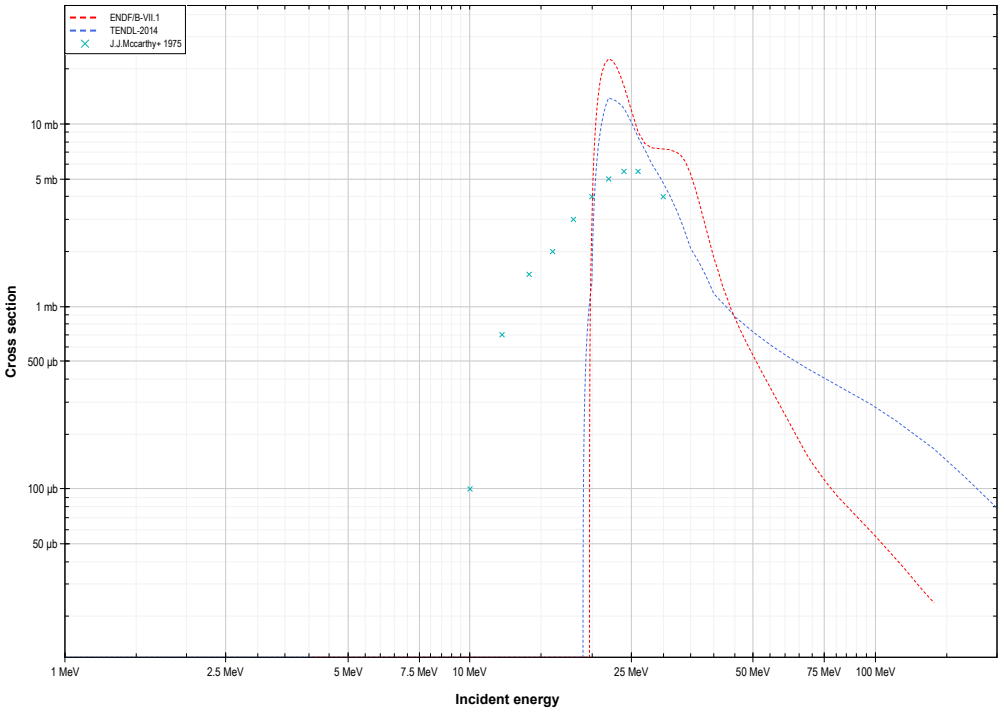
Ge70 (γ,n) lin-log



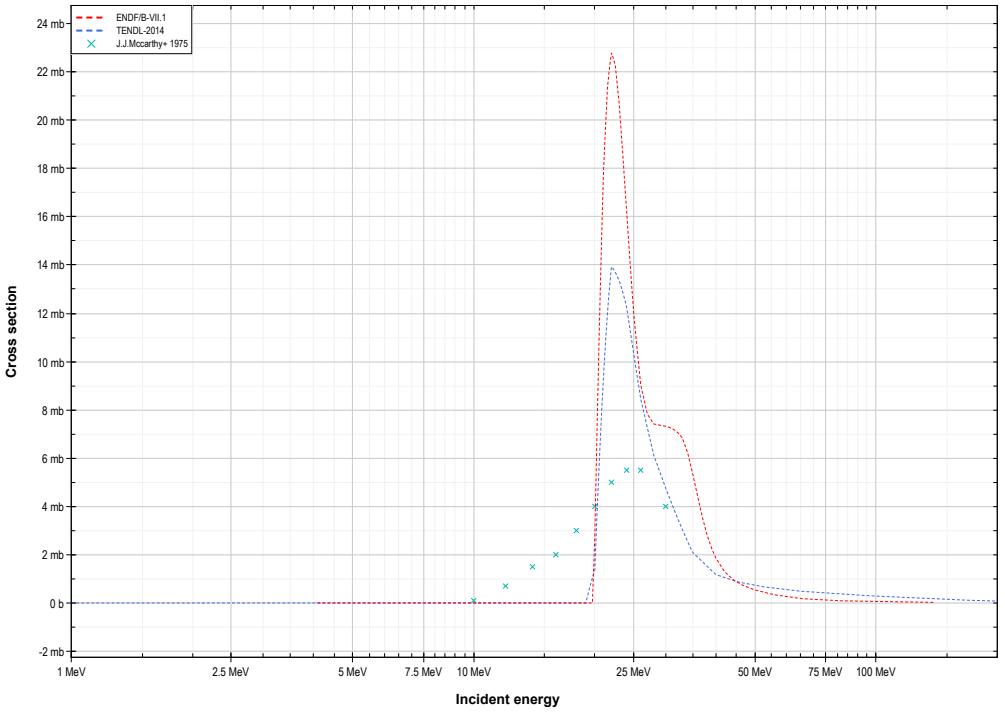
Reaction	Q-Value
Ge70(γ,n)Ge69	-11533.82 keV

<< 29-Cu-63	**32-Ge-70**	32-Ge-72 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Ge68 production)**	MT103 (γ,p) >>

Ge70 (γ,2n) log-log



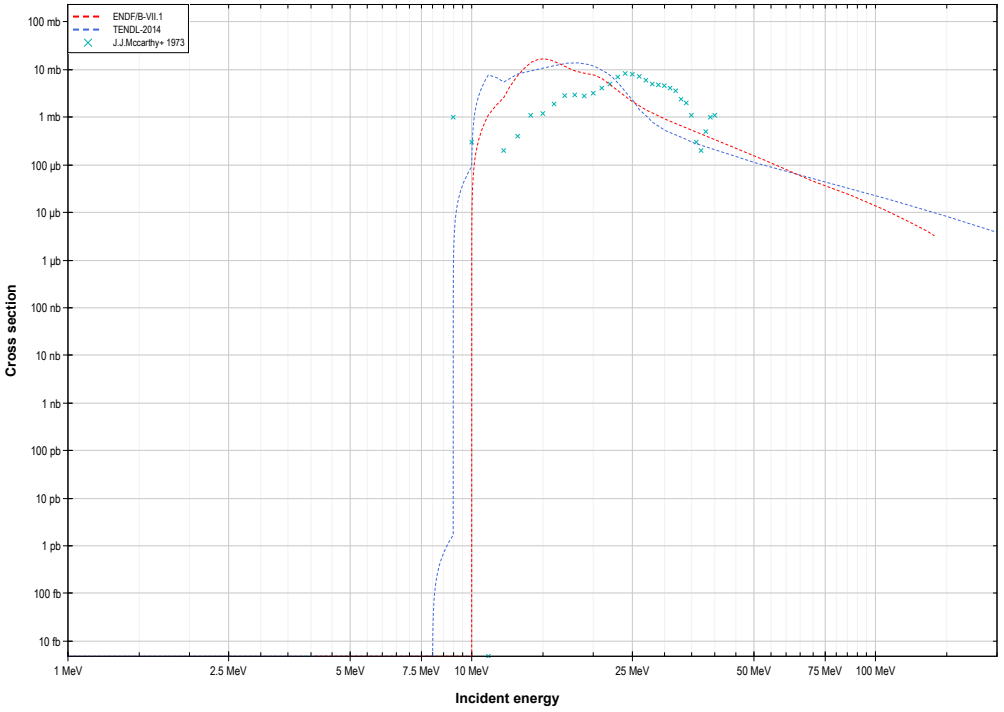
Ge70 (γ,2n) lin-log



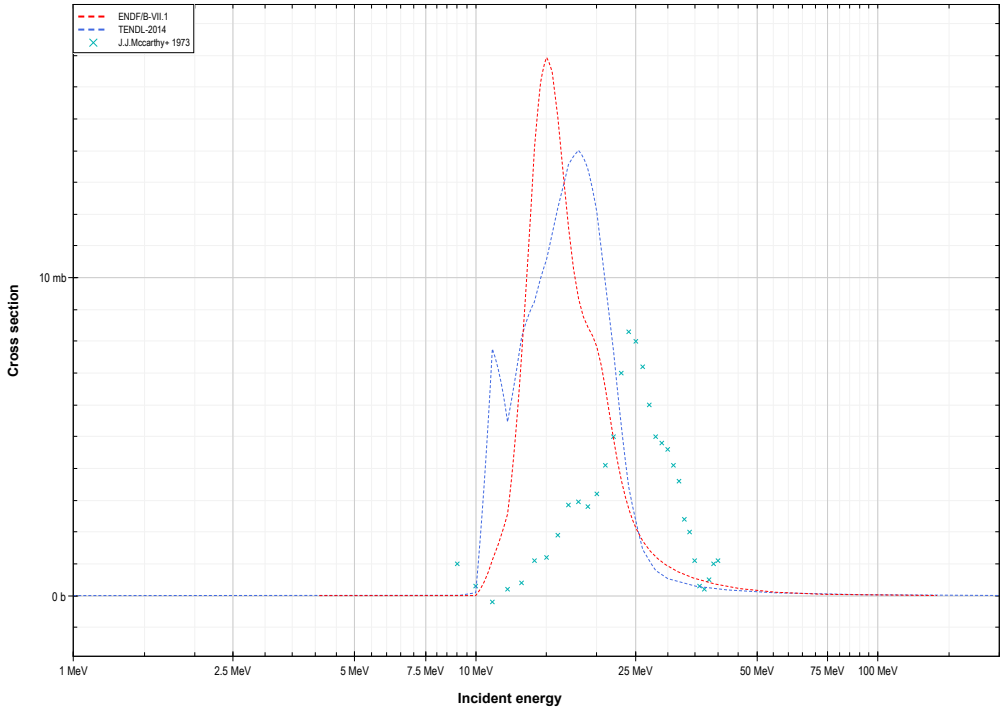
Reaction	Q-Value
Ge70(γ,2n)Ge68	-19725.73 keV

<< 29-Cu-65	**32-Ge-70**	40-Zr-90 >>
<< MT16 (γ,2n)	**MT103 (γ,p) or MT5 (Ga69 production)**	32-Ge-72 MT4 (γ,n) >>

Ge70 (γ,p) log-log



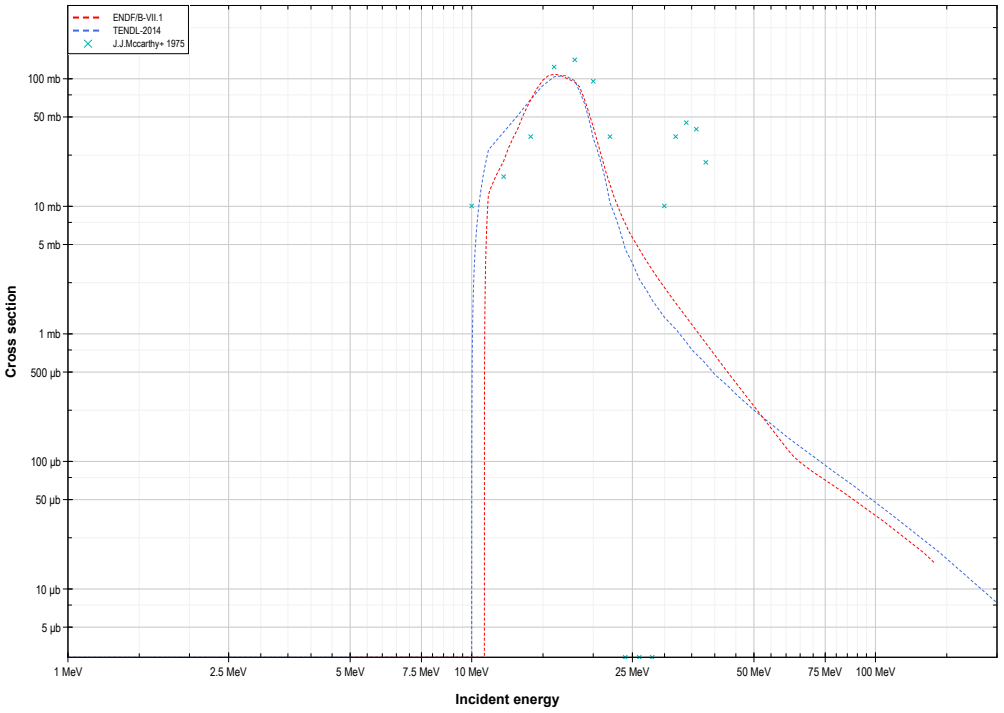
Ge70 (γ,p) lin-log



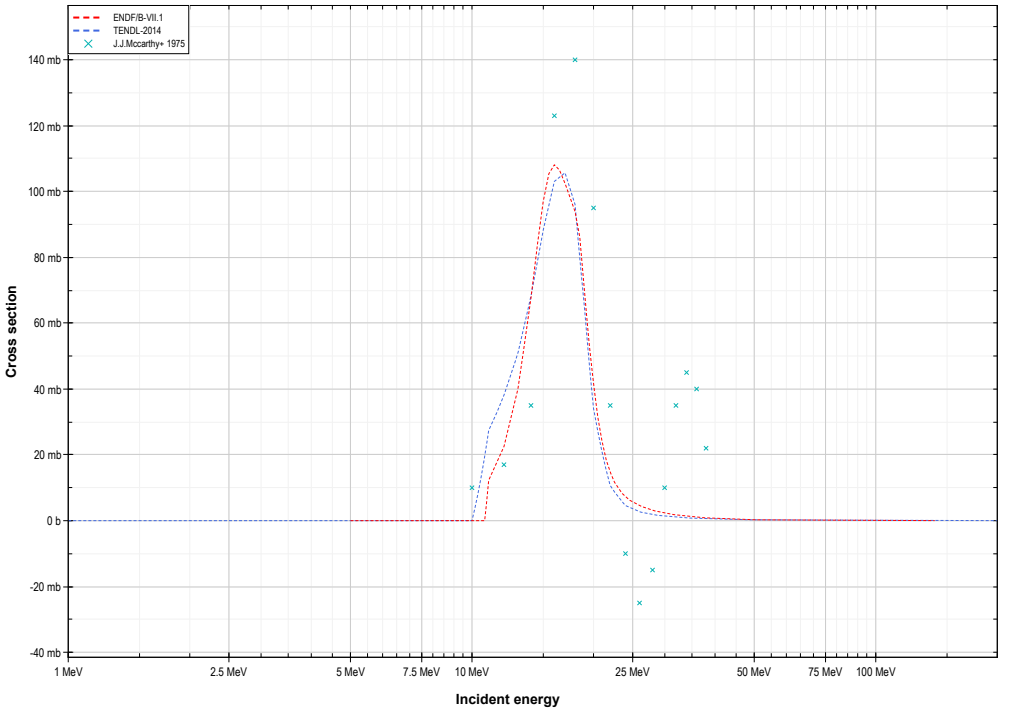
Reaction	Q-Value
Ge70(γ,p)Ga69	-8524.27 keV

<< 32-Ge-70	**32-Ge-72**	32-Ge-73 >>
<< 32-Ge-70 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Ge71 production)**	MT16 (γ,2n) >>

Ge72 (γ,n) log-log



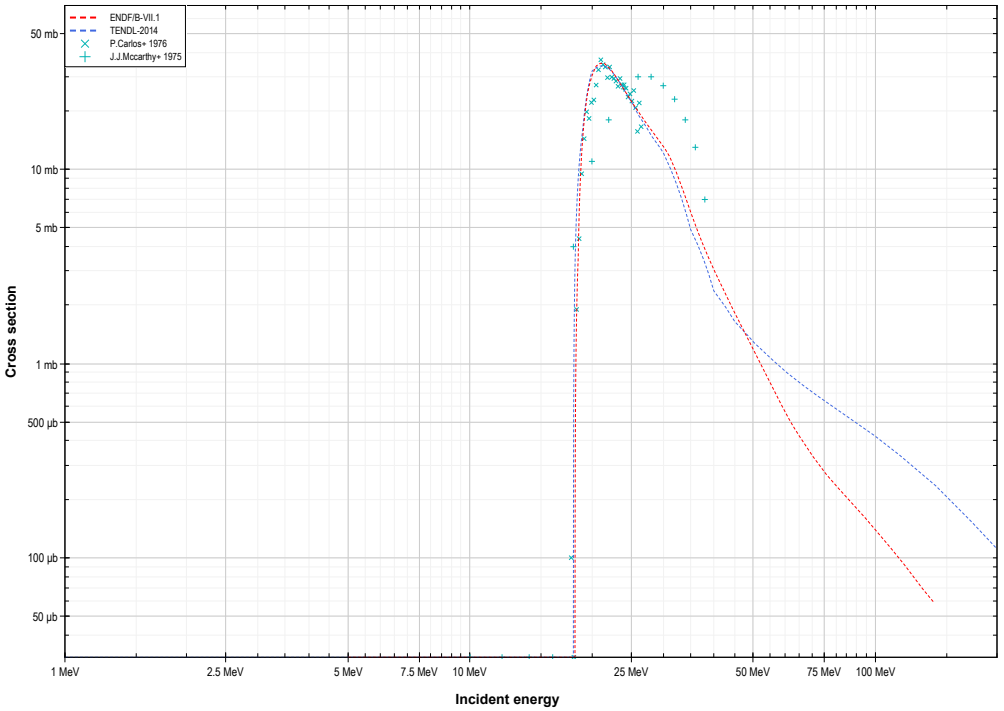
Ge72 (γ,n) lin-log



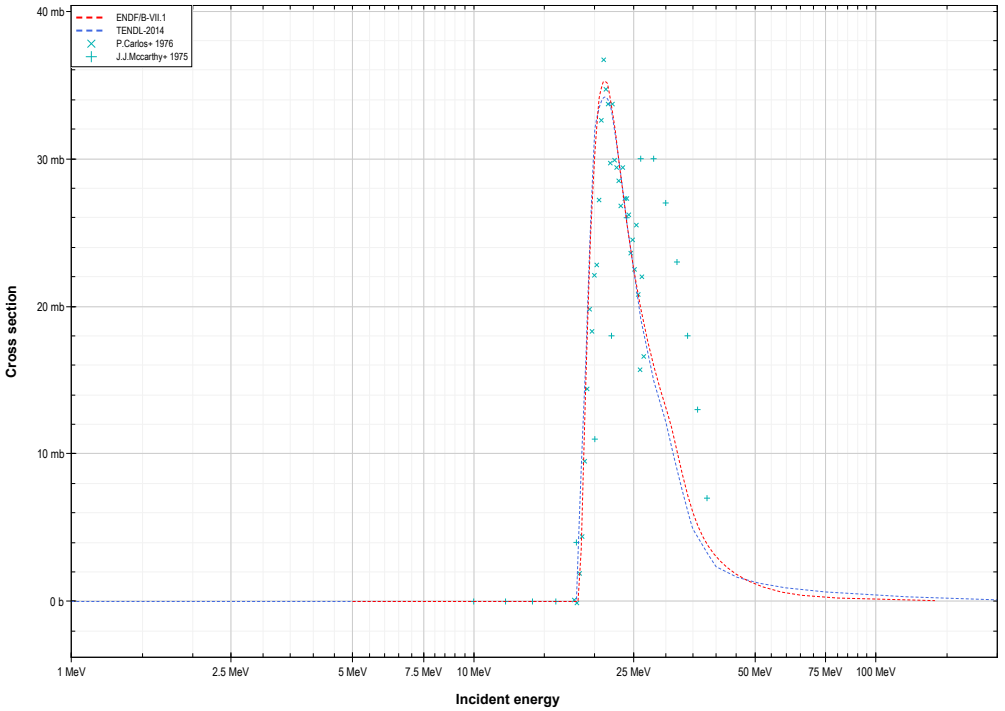
Reaction	Q-Value
Ge72(γ,n)Ge71	-10749.52 keV

<< 32-Ge-70	**32-Ge-72**	32-Ge-74 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Ge70 production)**	32-Ge-73 MT4 (γ,n) >>

Ge72 (γ,2n) log-log



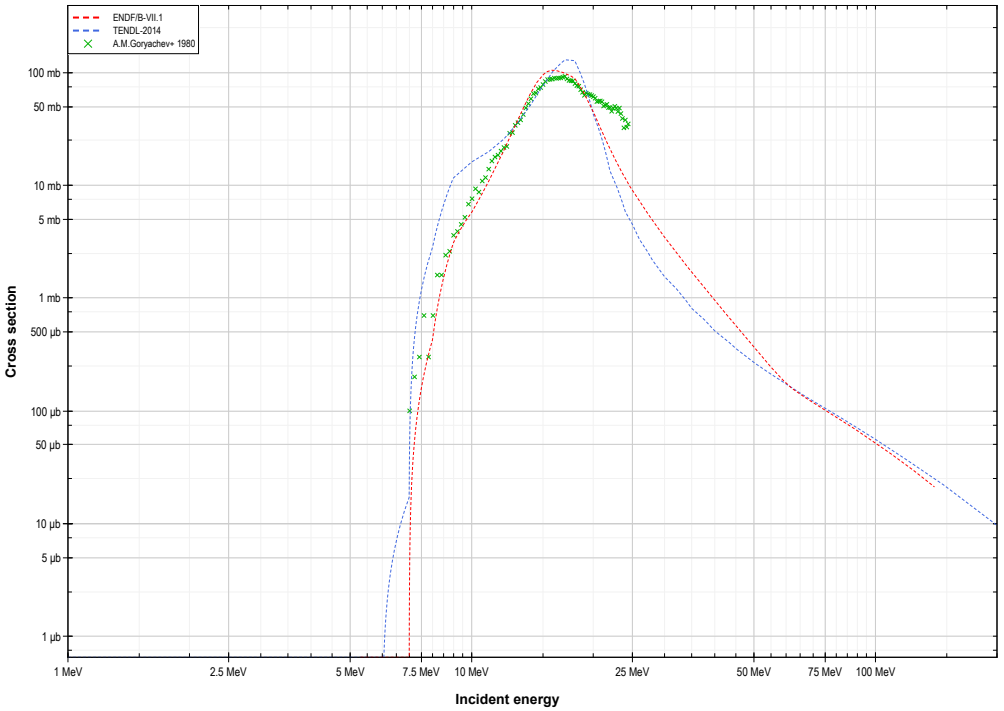
Ge72 (γ,2n) lin-log



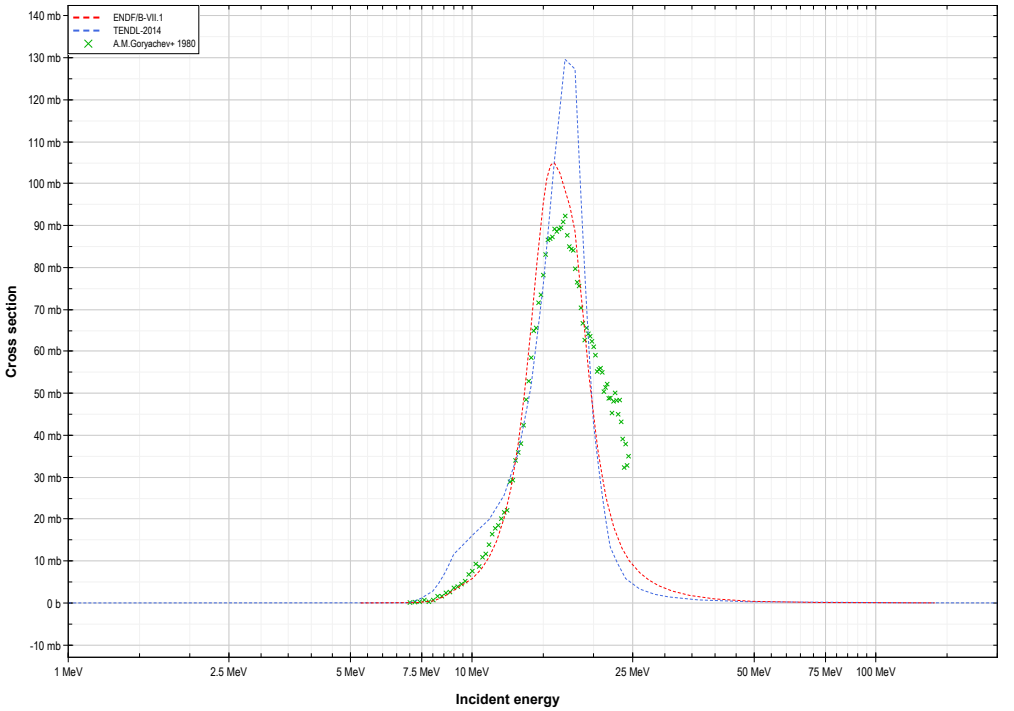
Reaction	Q-Value
Ge72(γ,2n)Ge70	-18165.43 keV

<< 32-Ge-72	**32-Ge-73**	32-Ge-74 >>
<< 32-Ge-72 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Ge72 production)**	32-Ge-74 MT4 (γ,n) >>

Ge73 (γ,n) log-log



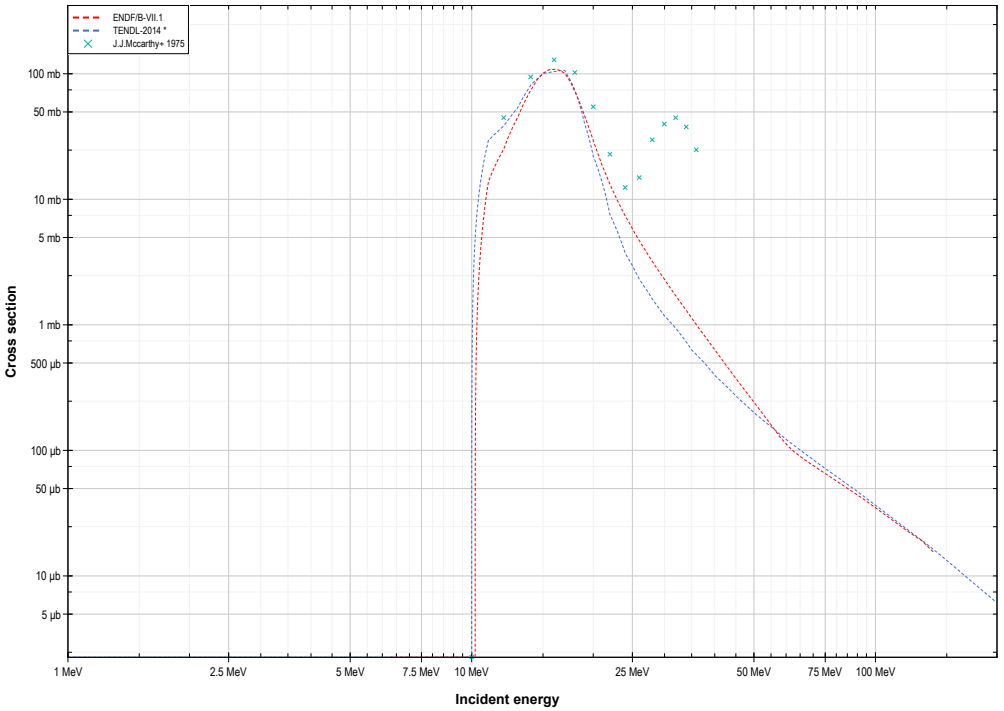
Ge73 (γ,n) lin-log



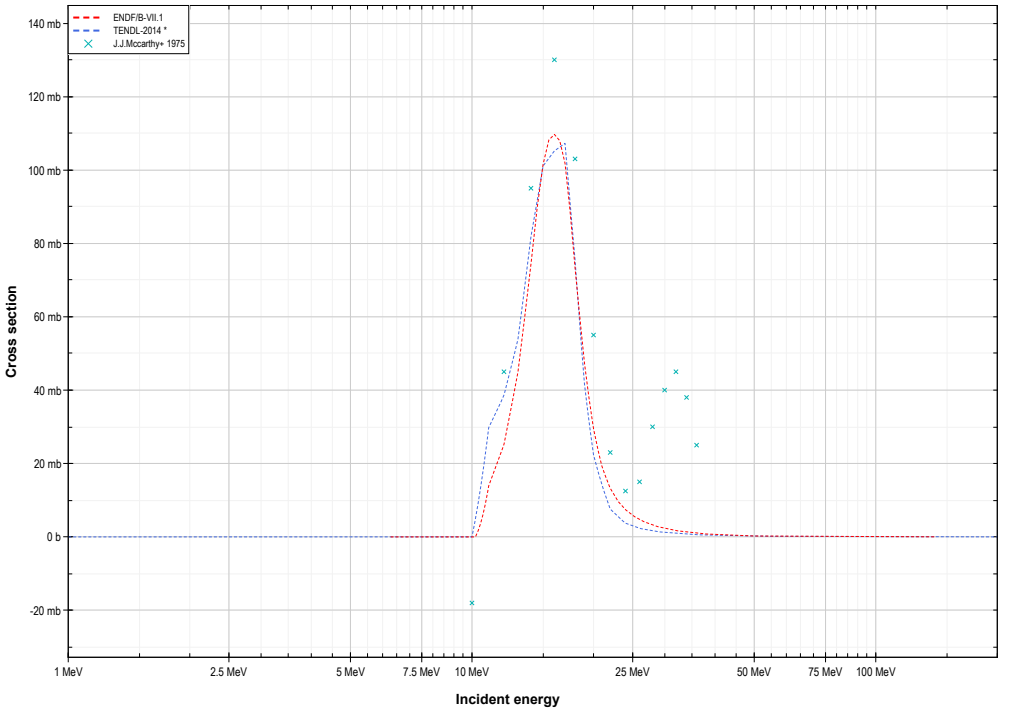
Reaction	Q-Value
Ge73(γ,n)Ge72	-6782.92 keV

<< 32-Ge-73	**32-Ge-74**	32-Ge-76 >>
<< 32-Ge-73 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Ge73 production)**	MT16 (γ,2n) >>

Ge74 (γ,n) log-log



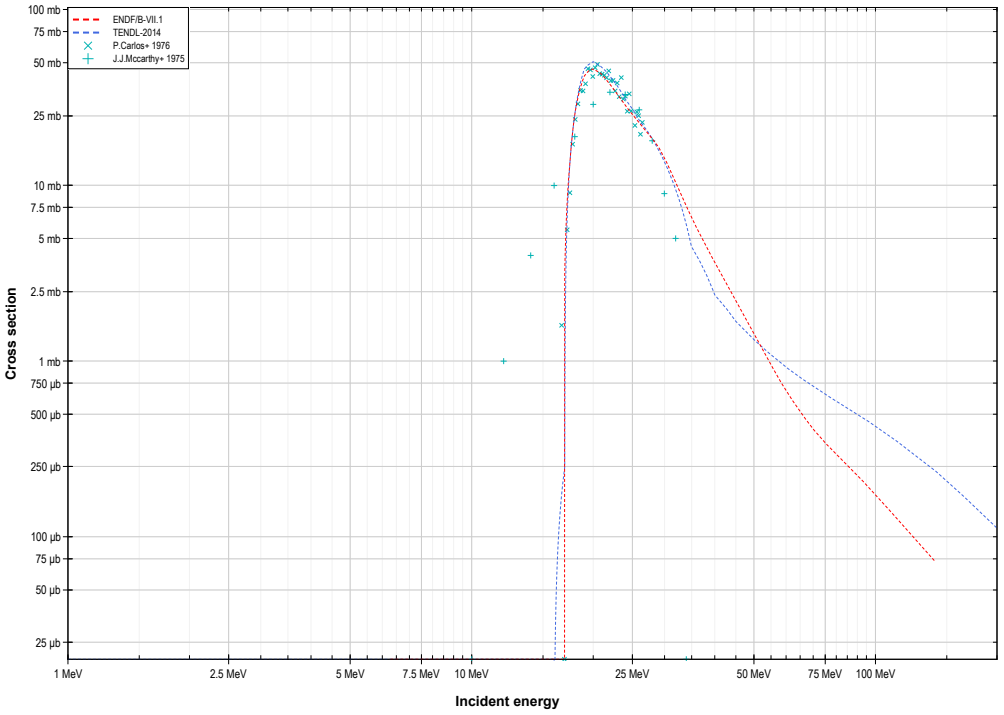
Ge74 (γ,n) lin-log



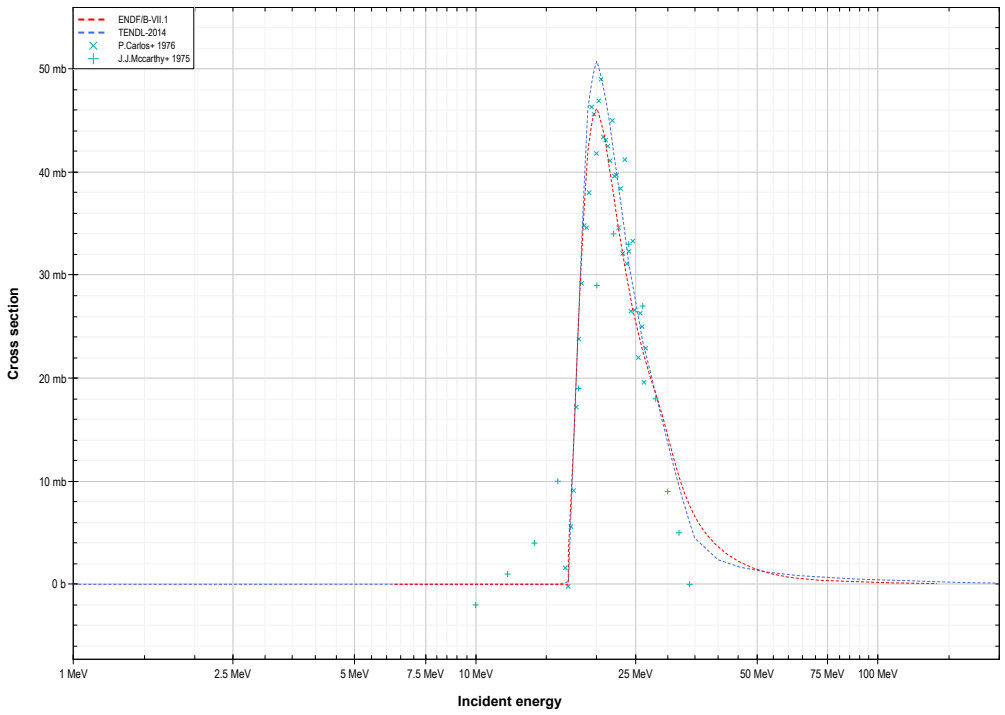
Reaction	Q-Value
Ge74(γ,n)Ge73	-10196.22 keV

<< 32-Ge-72	**32-Ge-74**	32-Ge-76 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Ge72 production)**	32-Ge-76 MT4 (γ,n) >>

Ge74 (γ,2n) log-log



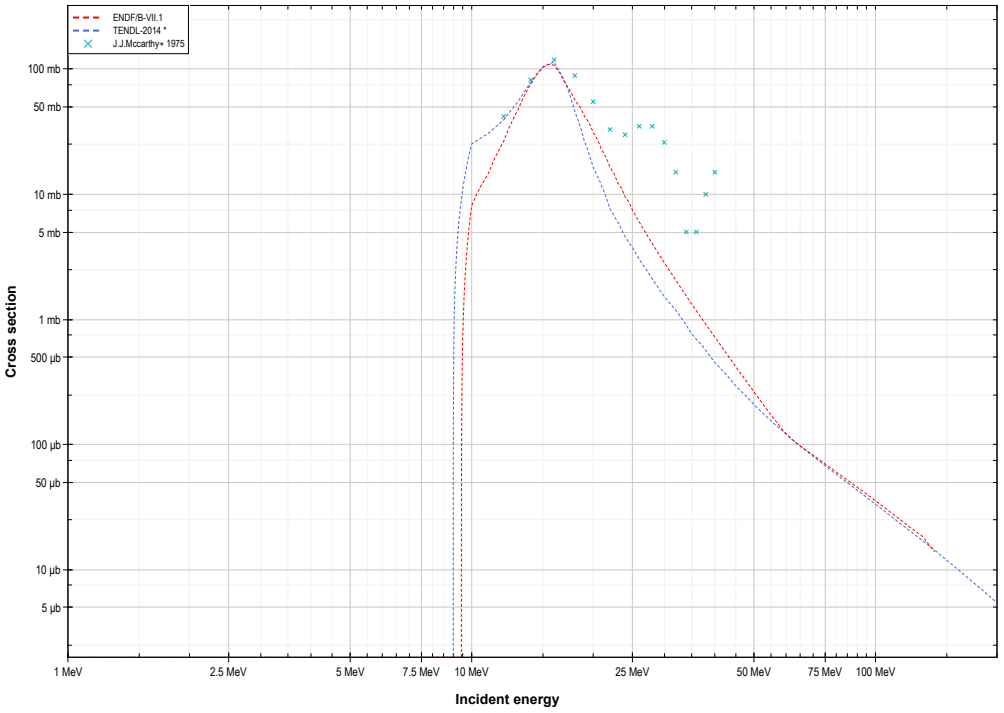
Ge74 (γ,2n) lin-log



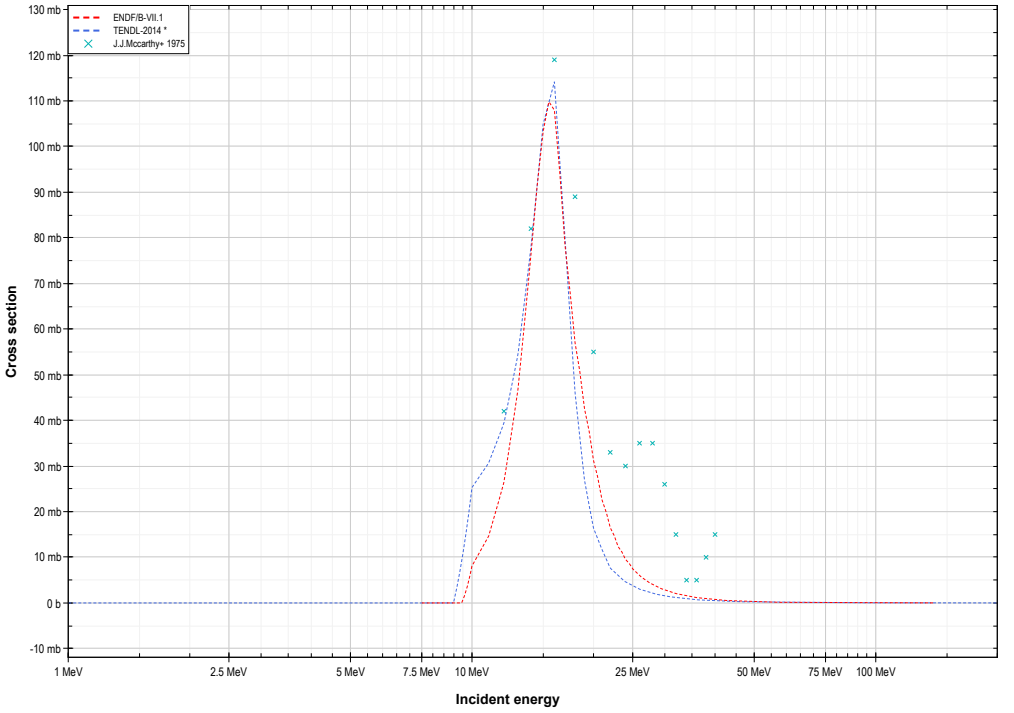
Reaction	Q-Value
Ge74(γ,2n)Ge72	-16979.13 keV

<< 32-Ge-74	**32-Ge-76**	34-Se-74 >>
<< 32-Ge-74 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Ge75 production)**	MT16 (γ,2n) >>

Ge76 (γ,n) log-log



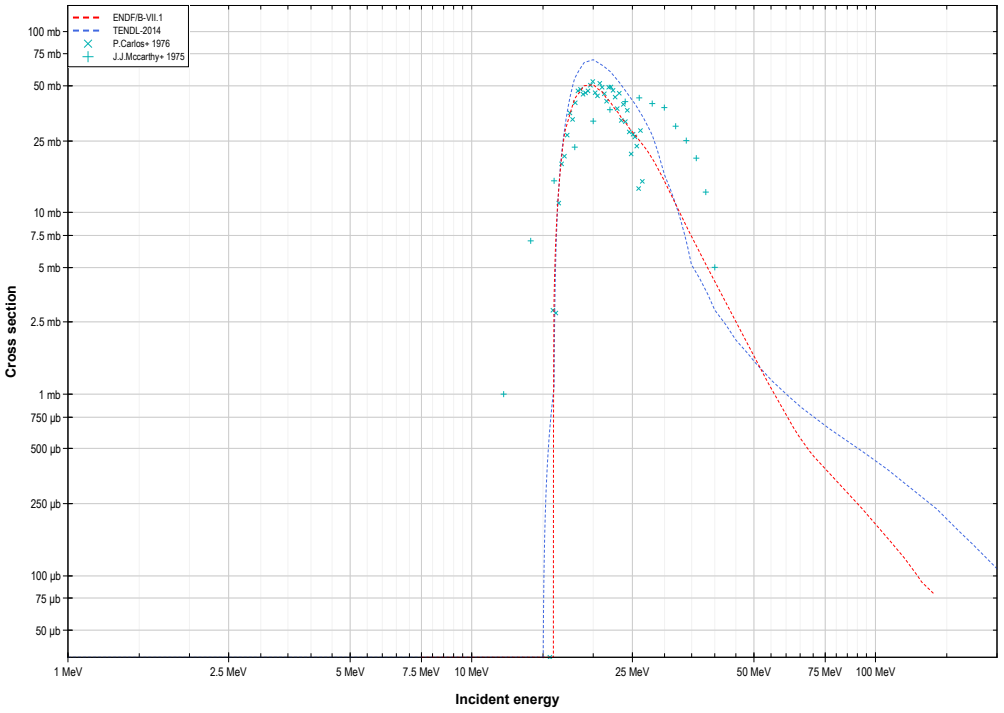
Ge76 (γ,n) lin-log



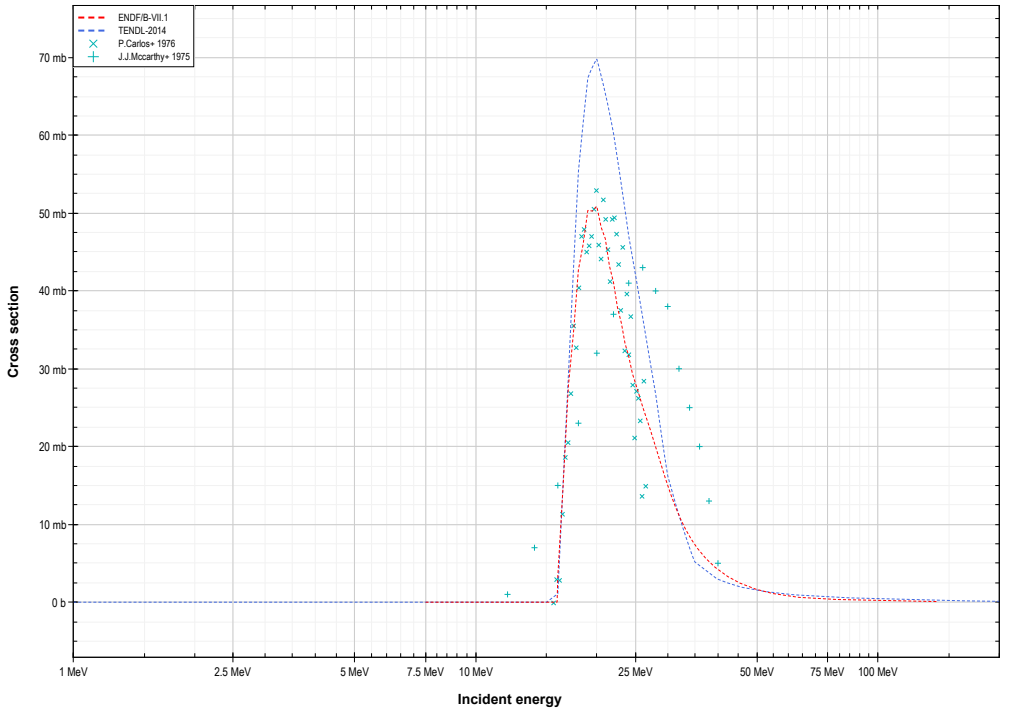
Reaction	Q-Value
Ge76(γ,n)Ge75	-9427.92 keV

<< 32-Ge-74	**32-Ge-76**	33-As-75 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Ge74 production)**	MT107 (γ,α) >>

Ge76 (γ,2n) log-log



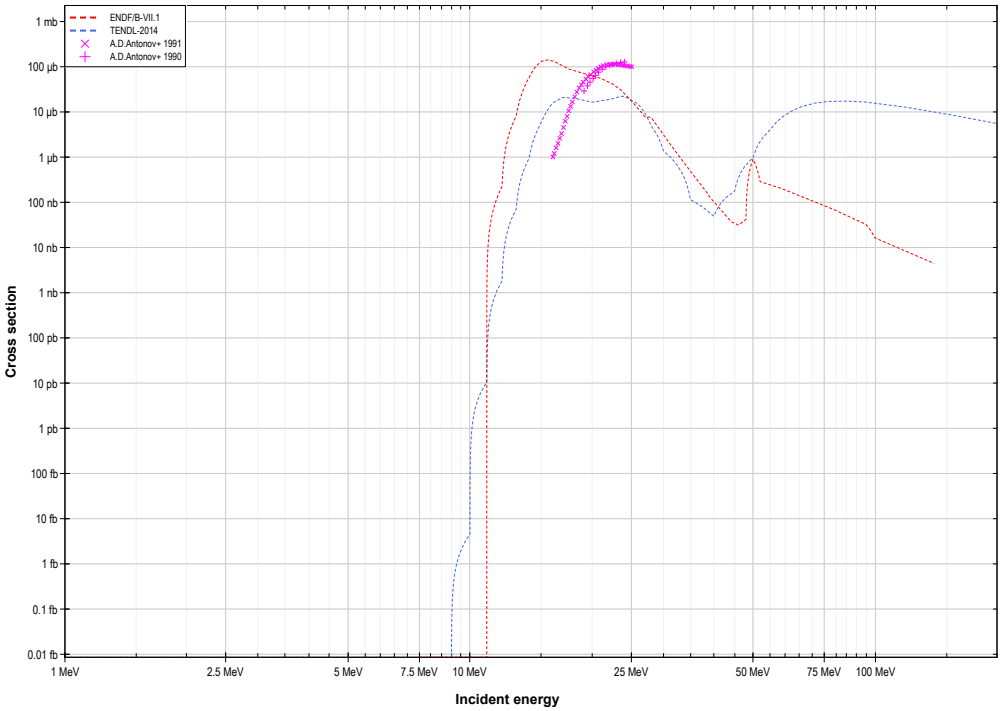
Ge76 (γ,2n) lin-log



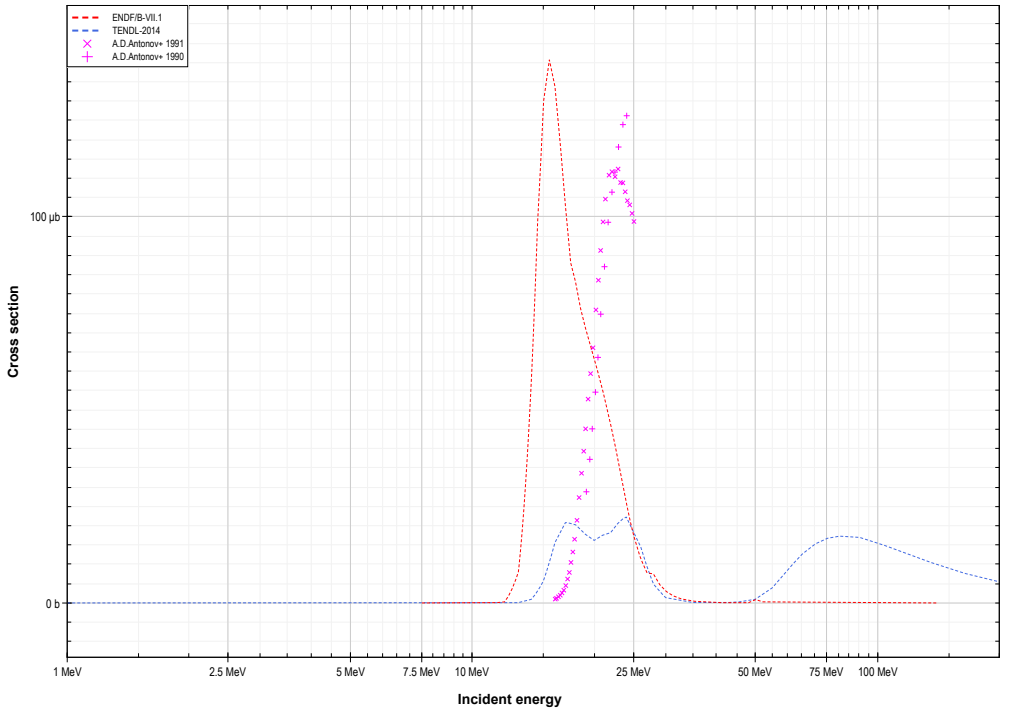
Reaction	Q-Value
Ge76(γ,2n)Ge74	-15933.23 keV

<< 23-V-51	**32-Ge-76**	37-Rb-87 >>
<< MT16 (γ,2n)	**MT107 (γ,α) or MT5 (Zn72 production)**	33-As-75 MT16 (γ,2n) >>

Ge76 (γ,α) log-log



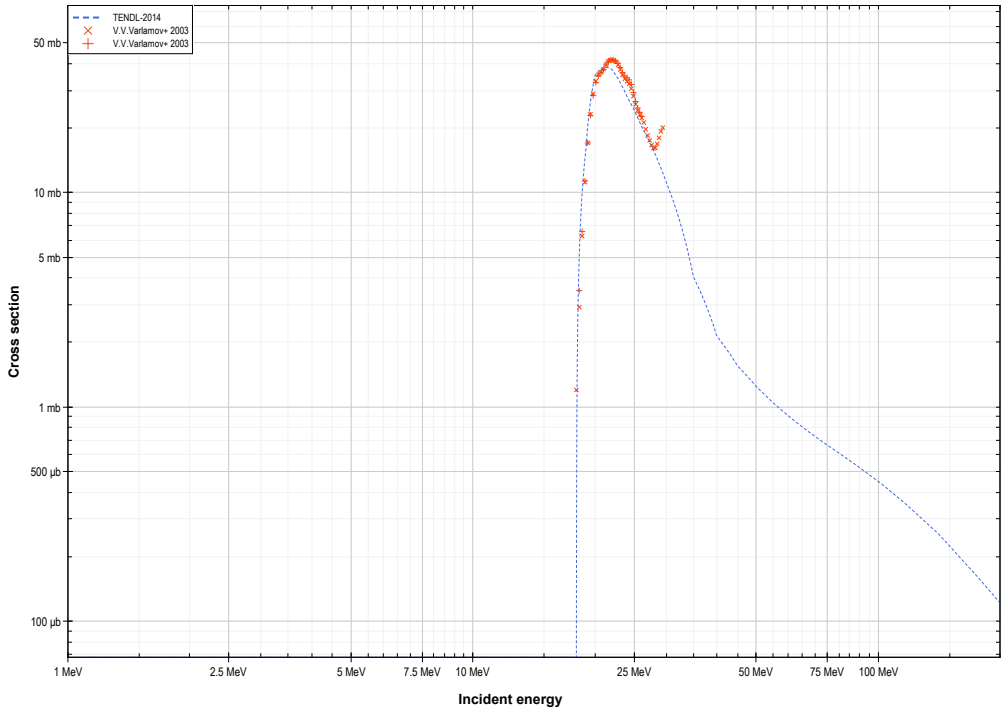
Ge76 (γ,α) lin-log



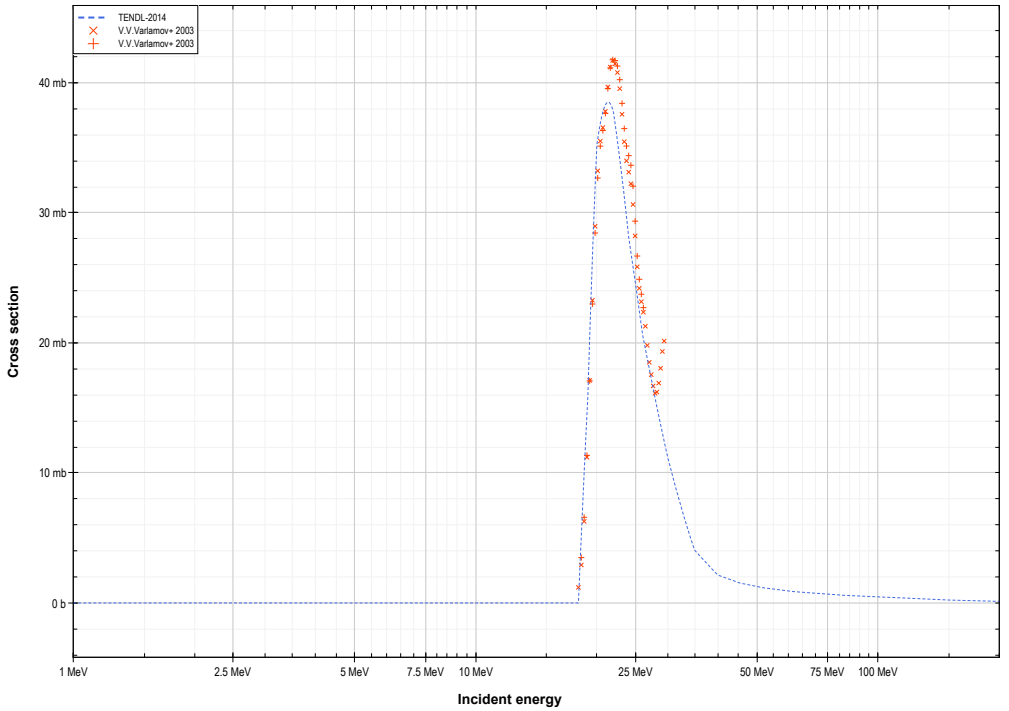
Reaction	Q-Value
Ge76(γ,α)Zn72	-7506.92 keV
Ge76(γ,p+t)Zn72	-27320.78 keV
Ge76(γ,n+He3)Zn72	-28084.53 keV
Ge76(γ,2d)Zn72	-31353.44 keV
Ge76(γ,n+p+d)Zn72	-33578.01 keV
Ge76(γ,2n+2p)Zn72	-35802.58 keV

<< 32-Ge-76	**33-As-75**	34-Se-76 >>
<< 32-Ge-76 MT107 (γ,α)	**MT16 (γ,2n) or MT5 (As73 production)**	34-Se-74 MT4 (γ,n) >>

As75 (γ,2n) log-log



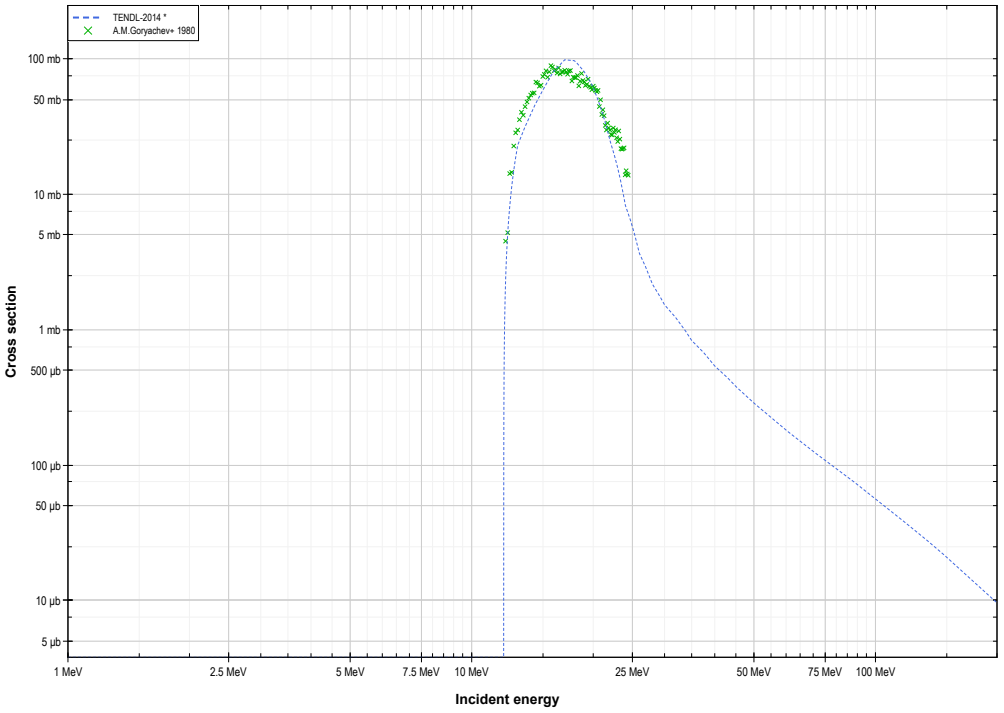
As75 (γ,2n) lin-log



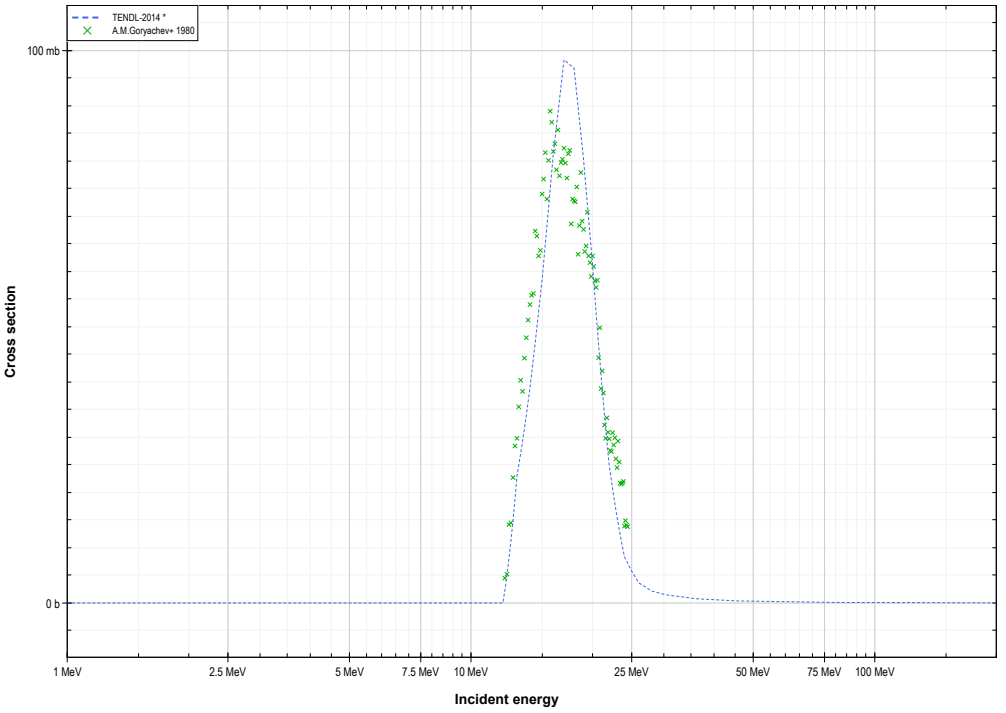
Reaction	Q-Value
As75(γ,2n)As73	-18218.03 keV

<< 32-Ge-76	**34-Se-74**	34-Se-76 >>
<< 33-As-75 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Se73 production)**	34-Se-76 MT4 (γ,n) >>

Se74 (γ,n) log-log



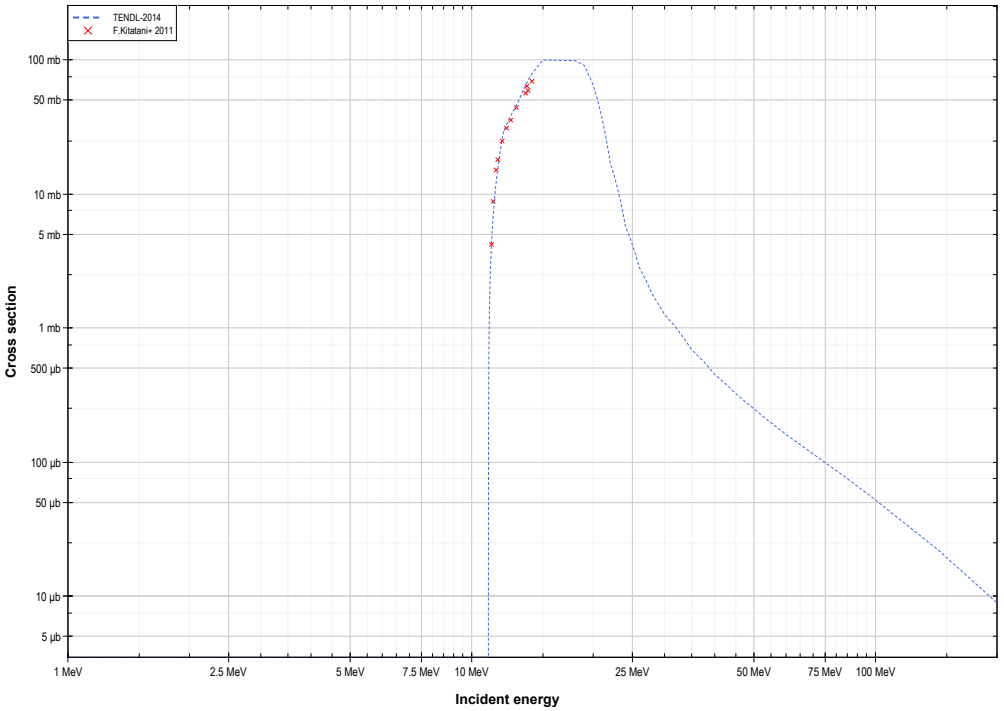
Se74 (γ,n) lin-log



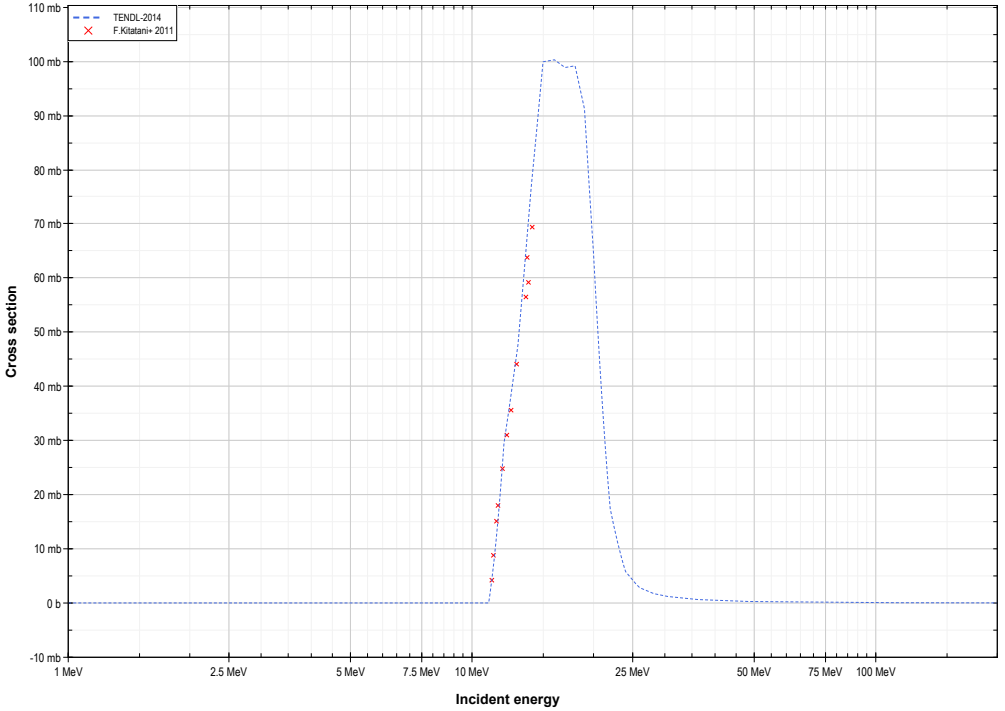
Reaction	Q-Value
Se74(γ,n)Se73	-12066.02 keV

<< 34-Se-74	**34-Se-76**	34-Se-77 >>
<< 34-Se-74 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Se75 production)**	MT16 (γ,2n) >>

Se76 (γ,n) log-log



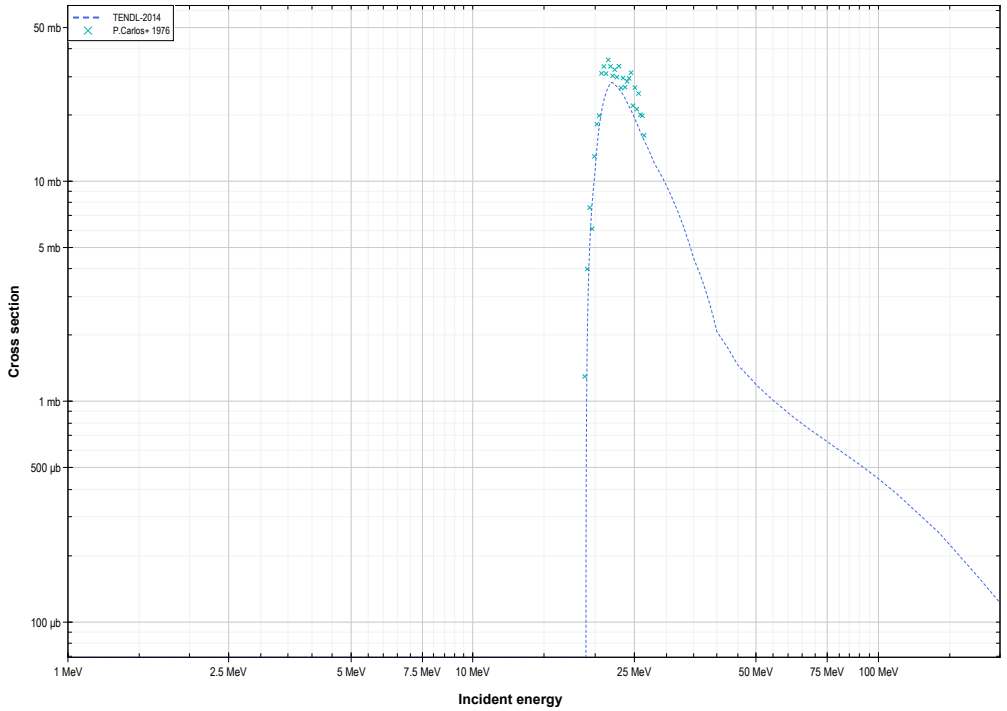
Se76 (γ,n) lin-log



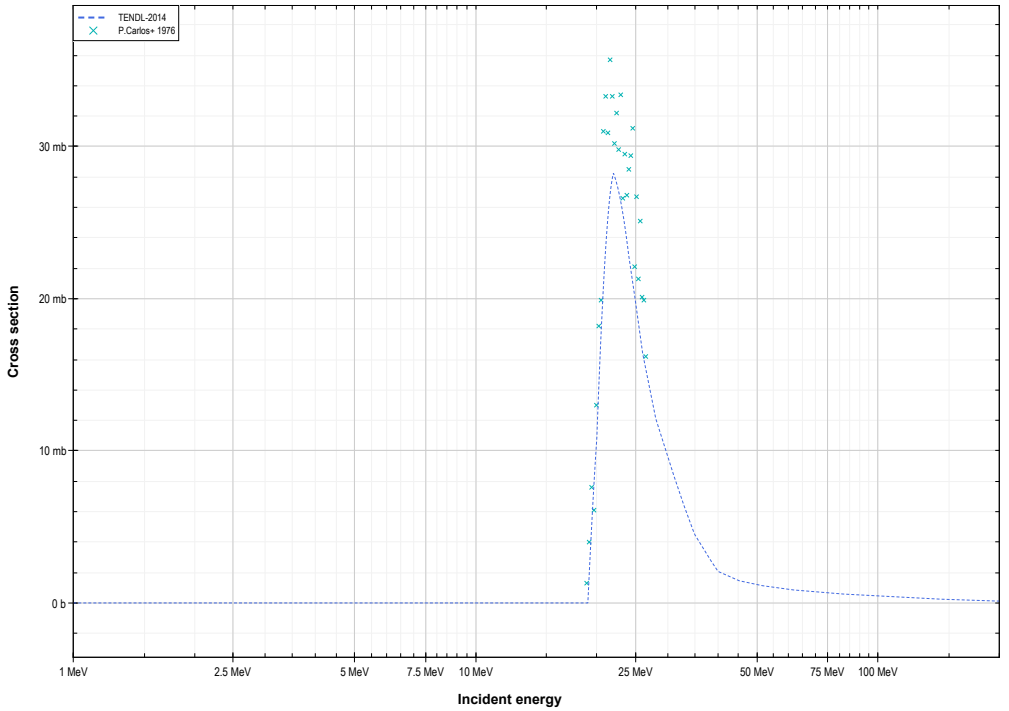
Reaction	Q-Value
Se76(γ,n)Se75	-11154.42 keV

<< 33-As-75	**34-Se-76**	34-Se-78 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Se74 production)**	34-Se-77 MT4 (γ,n) >>

Se76 (γ,2n) log-log



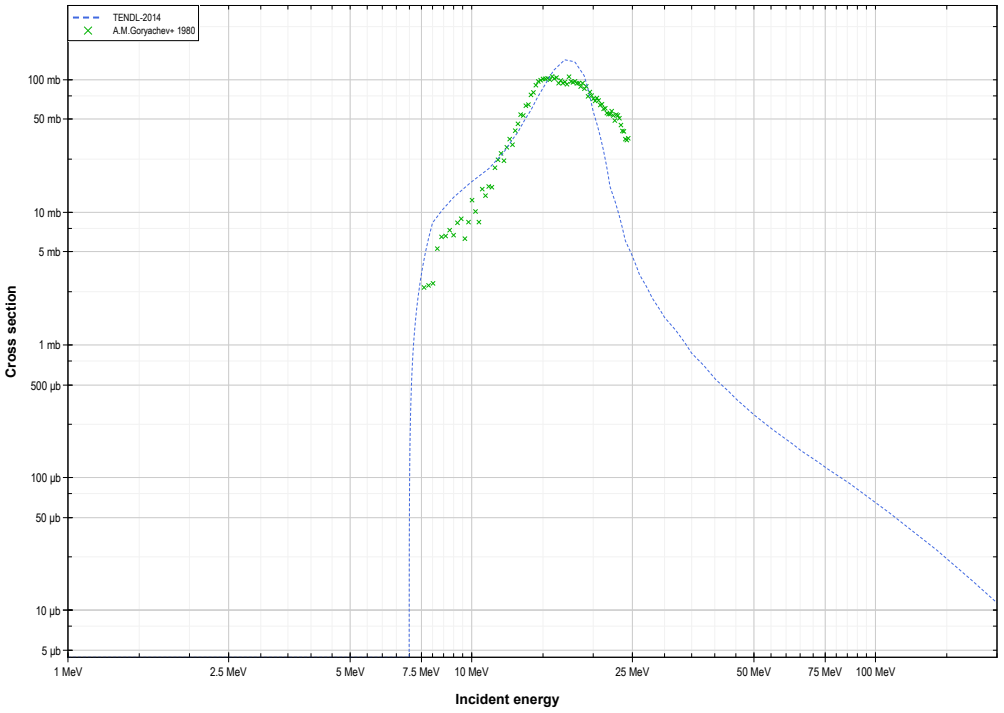
Se76 (γ,2n) lin-log



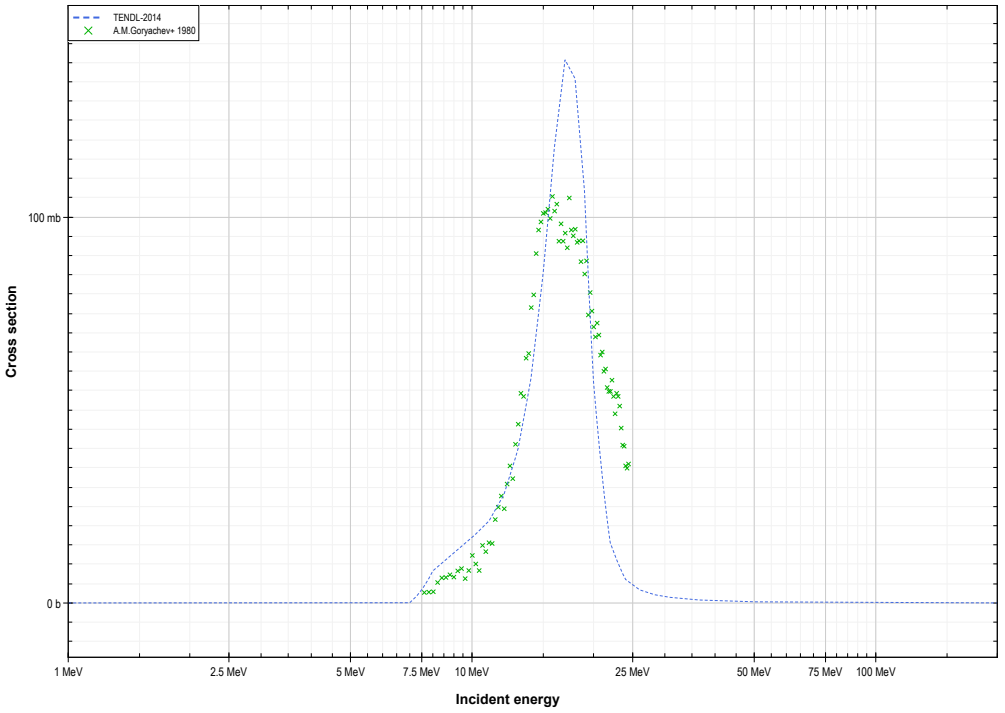
Reaction	Q-Value
Se76(γ,2n)Se74	-19182.03 keV

<< 34-Se-76	**34-Se-77**	34-Se-78 >>
<< 34-Se-76 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Se76 production)**	34-Se-78 MT4 (γ,n) >>

Se77 (γ,n) log-log



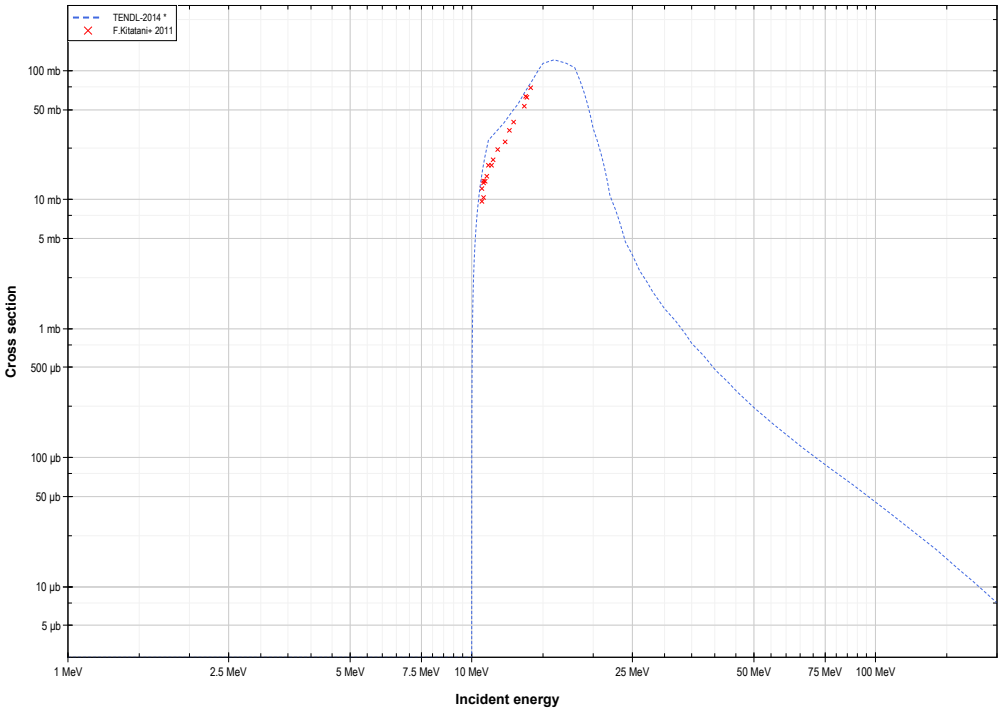
Se77 (γ,n) lin-log



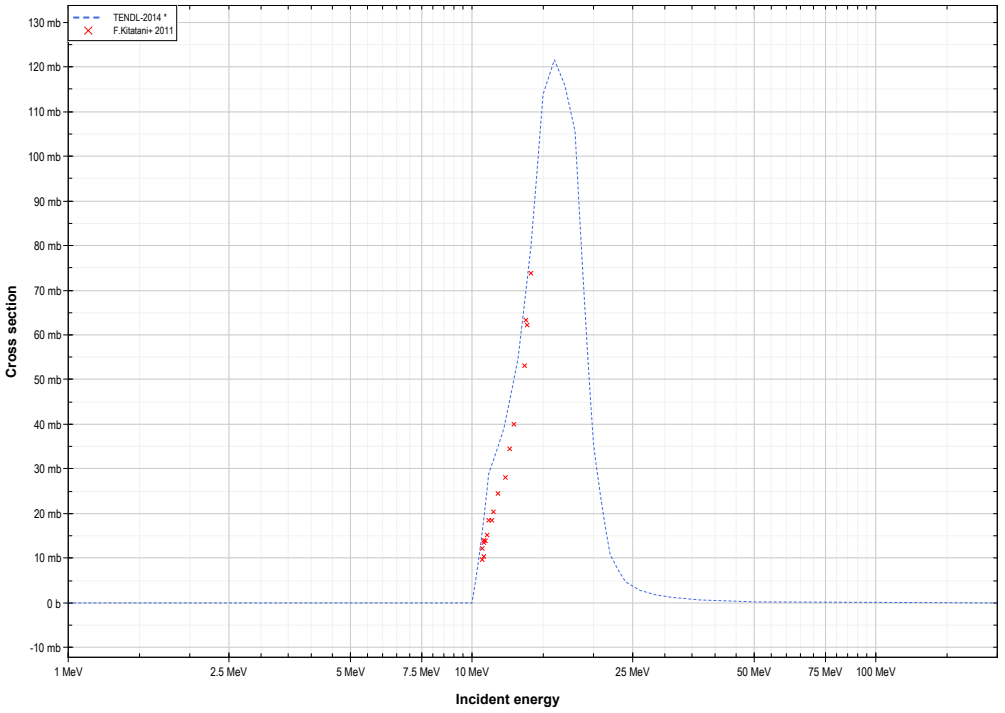
Reaction	Q-Value
Se77(γ,n)Se76	-7418.82 keV

<< 34-Se-77	**34-Se-78**	34-Se-80 >>
<< 34-Se-77 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Se77 production)**	MT16 (γ,2n) >>

Se78 (γ,n) log-log



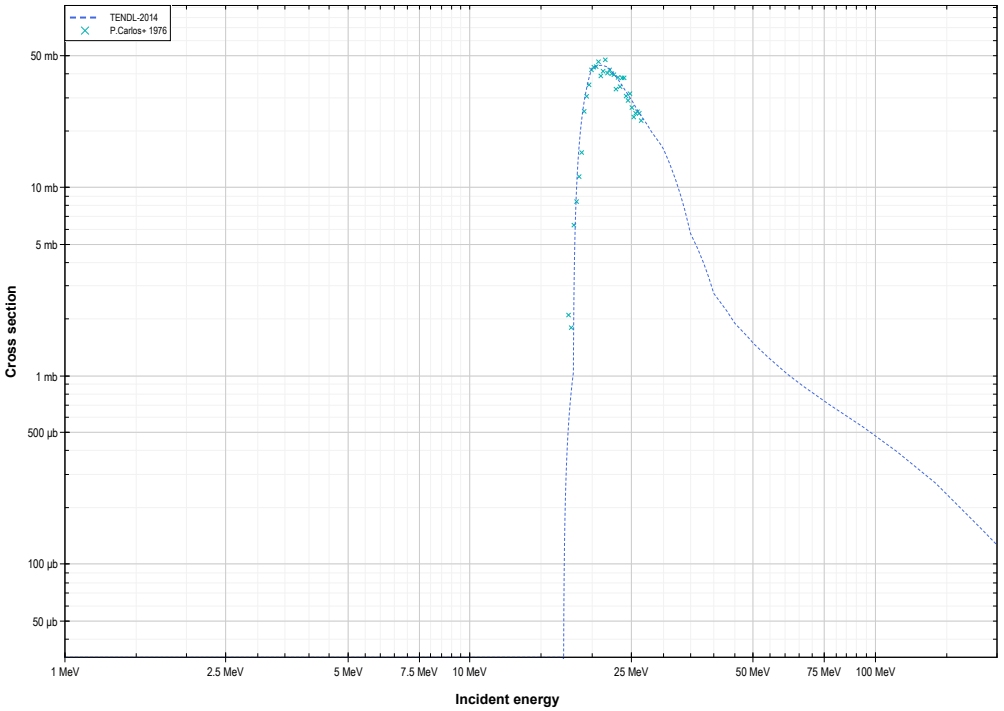
Se78 (γ,n) lin-log



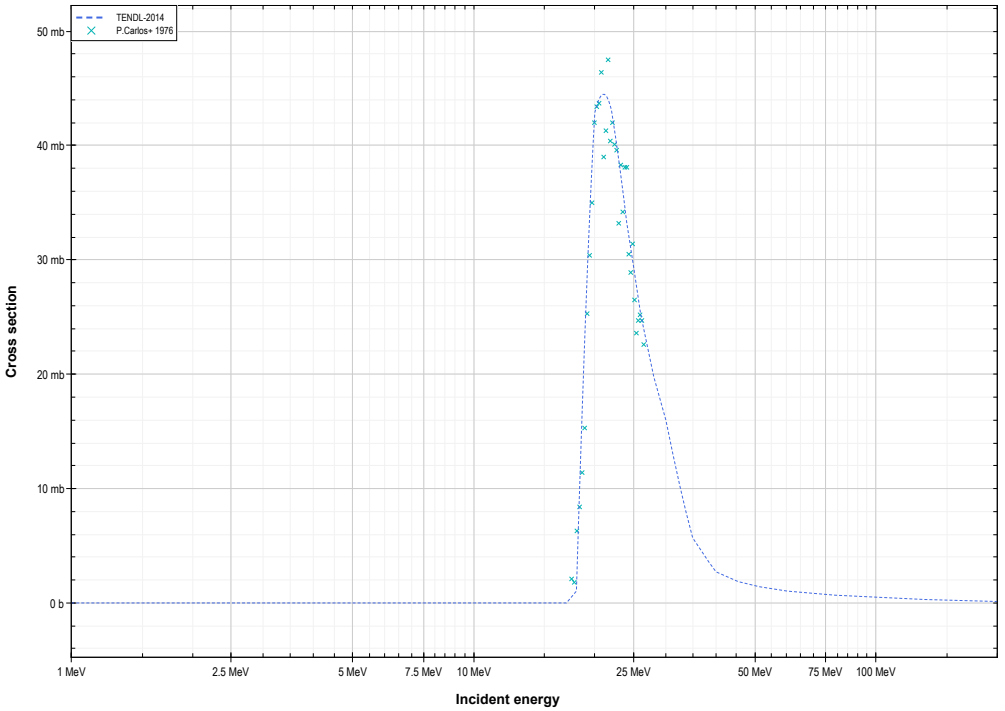
Reaction	Q-Value
Se78(γ,n)Se77	-10497.82 keV

<< 34-Se-76	**34-Se-78**	34-Se-80 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Se76 production)**	34-Se-80 MT4 (γ,n) >>

Se78 (γ,2n) log-log



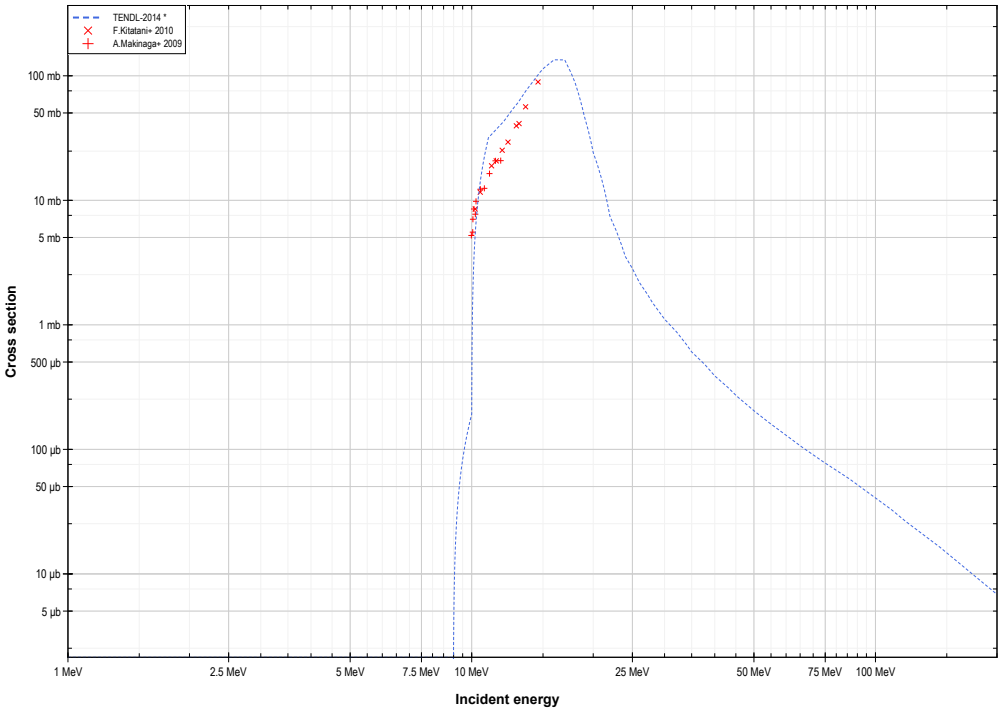
Se78 (γ,2n) lin-log



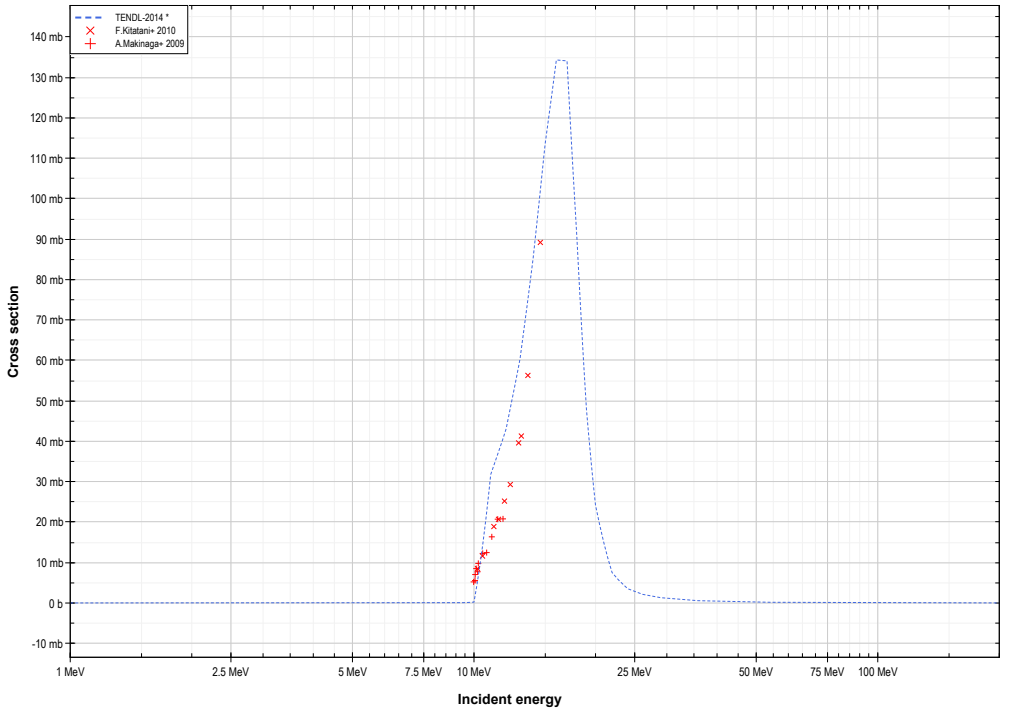
Reaction	Q-Value
Se78(γ,2n)Se76	-17916.63 keV

<< 34-Se-78	**34-Se-80**	34-Se-82 >>
<< 34-Se-78 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Se79 production)**	MT16 (γ,2n) >>

Se80 (γ,n) log-log



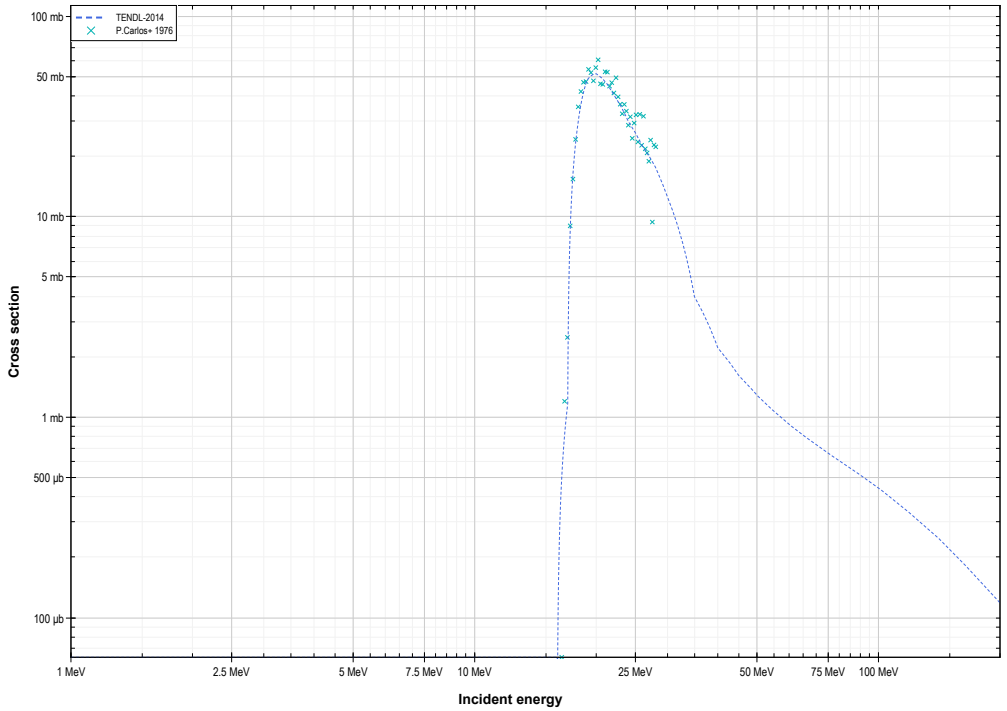
Se80 (γ,n) lin-log



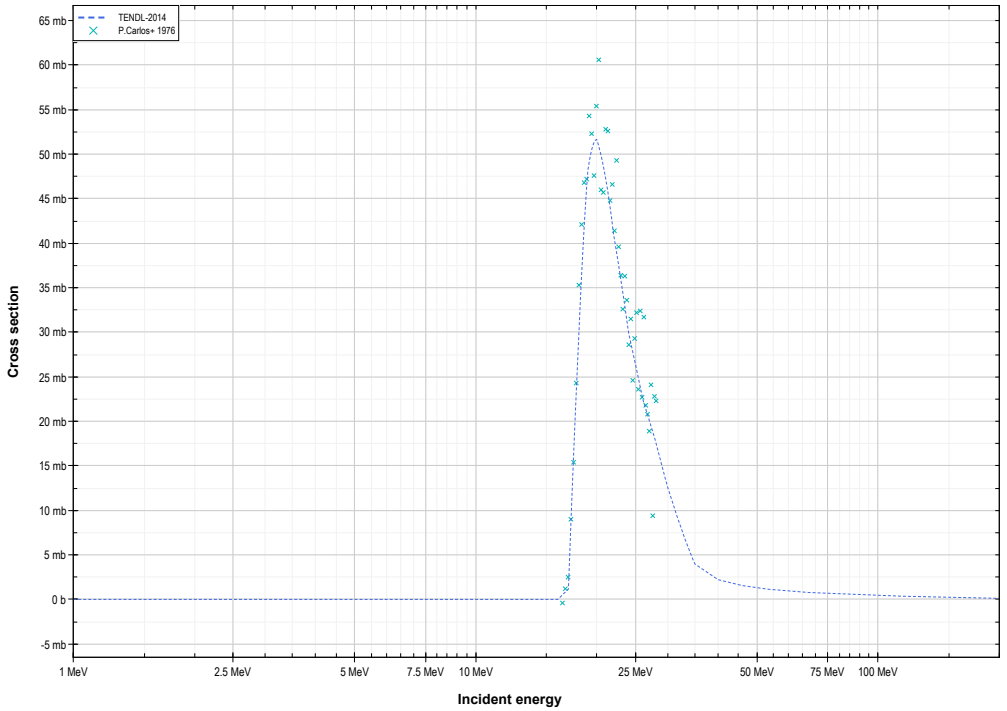
Reaction	Q-Value
Se80(γ,n)Se79	-9913.62 keV

<< 34-Se-78	**34-Se-80**	34-Se-82 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Se78 production)**	34-Se-82 MT4 (γ,n) >>

Se80 (γ,2n) log-log



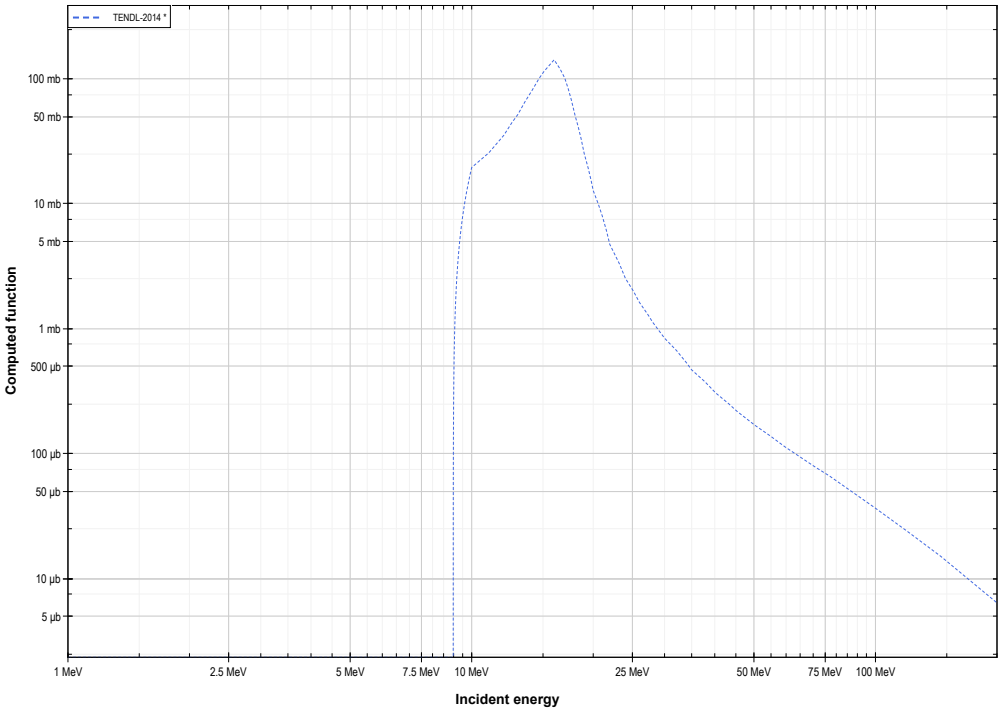
Se80 (γ,2n) lin-log



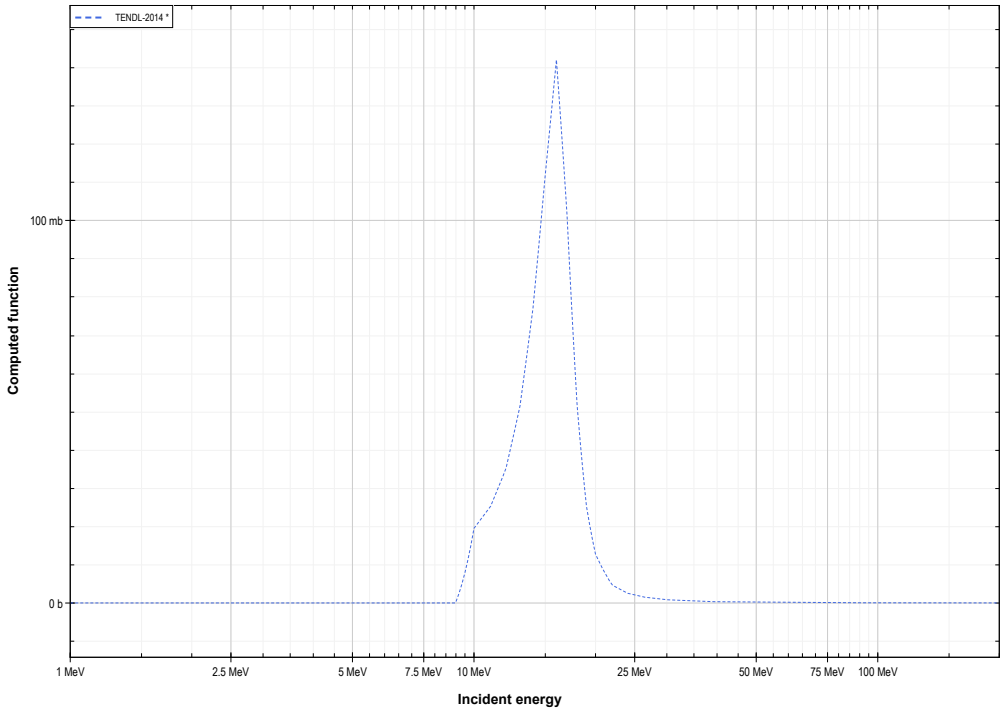
Reaction	Q-Value
Se80(γ,2n)Se78	-16876.43 keV

<< 34-Se-80	**34-Se-82**	35-Br-79 >>
<< 34-Se-80 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Se81 production)**	MT16 (γ,2n) >>

Se82 (γ,n) log-log



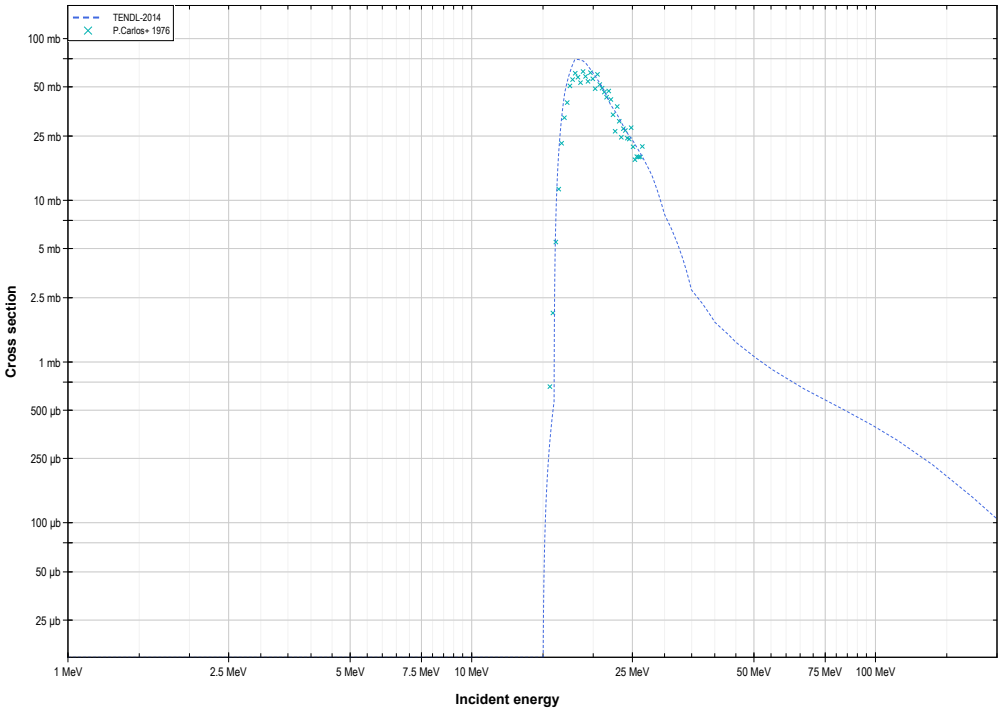
Se82 (γ,n) lin-log



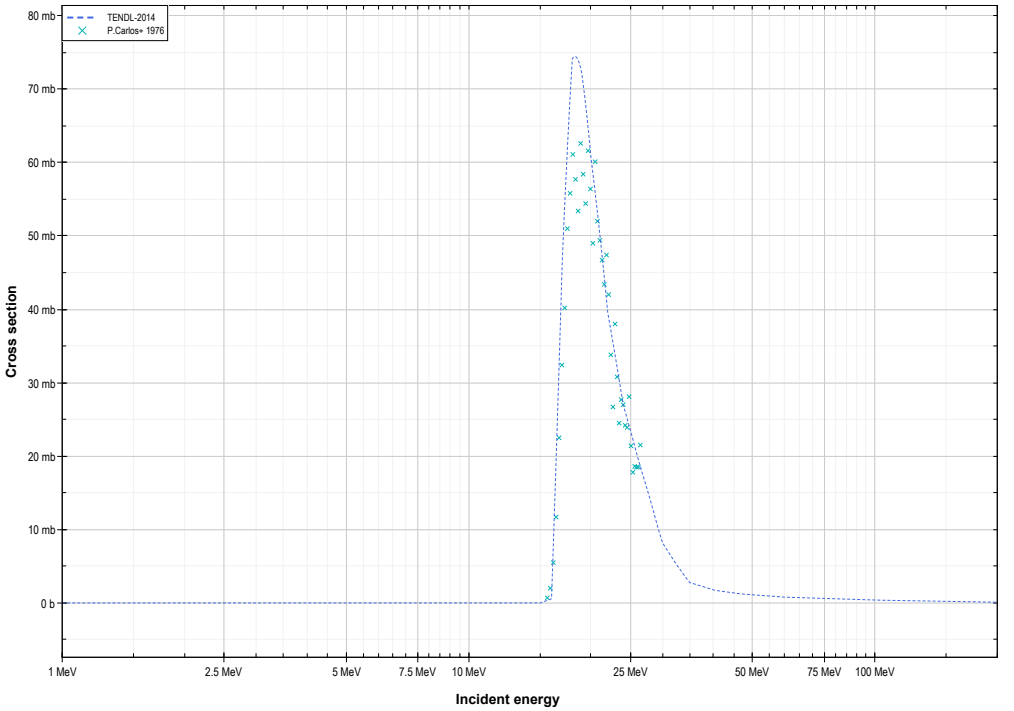
Reaction	Q-Value
Se82(γ,n)Se81	-9275.82 keV

<< 34-Se-80	**34-Se-82**	39-Y-89 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Se80 production)**	35-Br-79 MT4 (γ,n) >>

Se82 (γ,2n) log-log



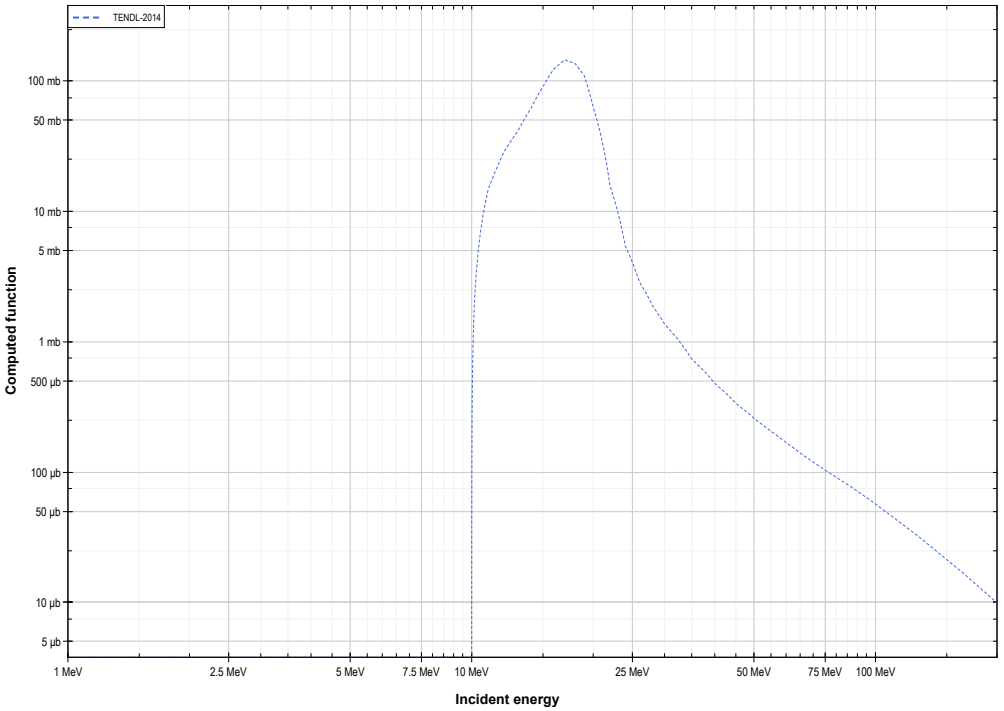
Se82 (γ,2n) lin-log



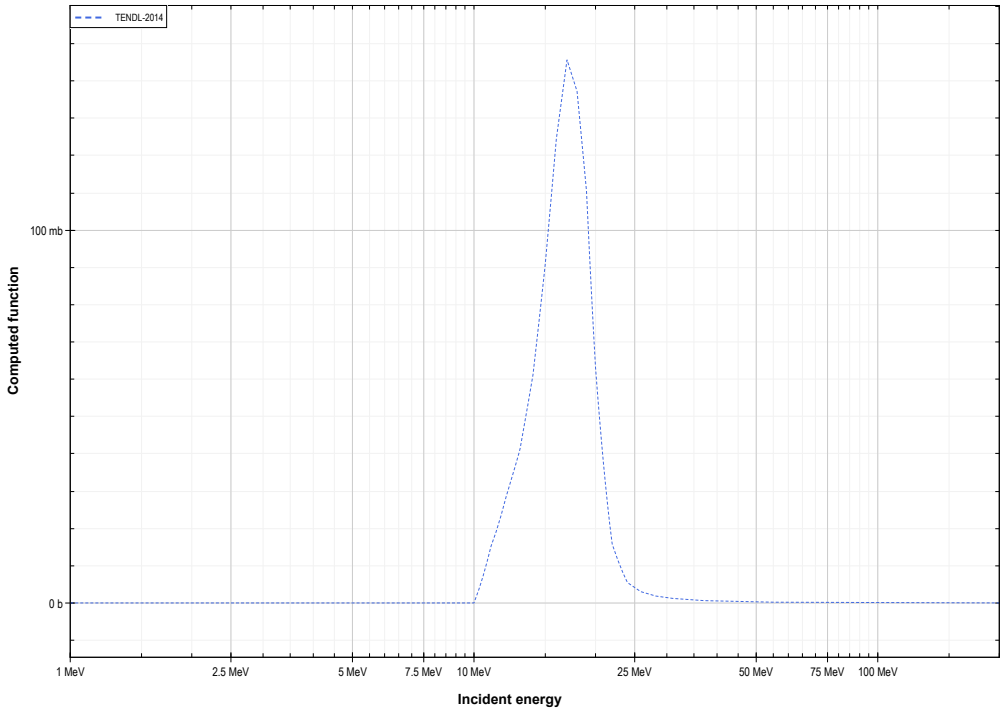
Reaction	Q-Value
Se82(γ,2n)Se80	-15976.73 keV

<< 34-Se-82	**35-Br-79**	35-Br-81 >>
<< 34-Se-82 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Br78 production)**	35-Br-81 MT4 (γ,n) >>

Br79 (γ,n) log-log



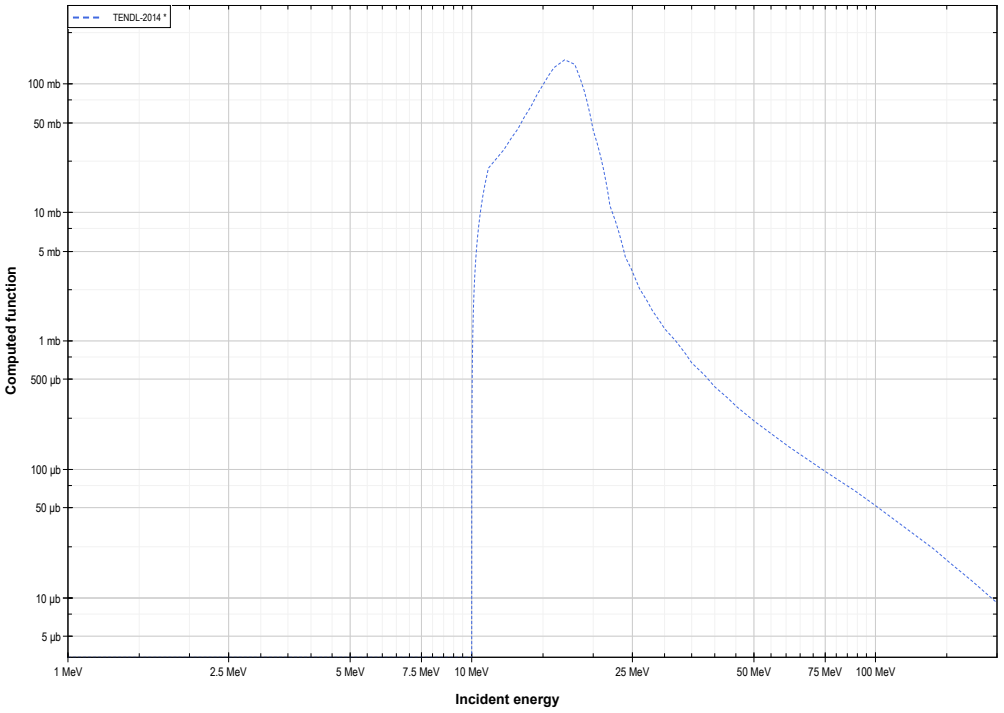
Br79 (γ,n) lin-log



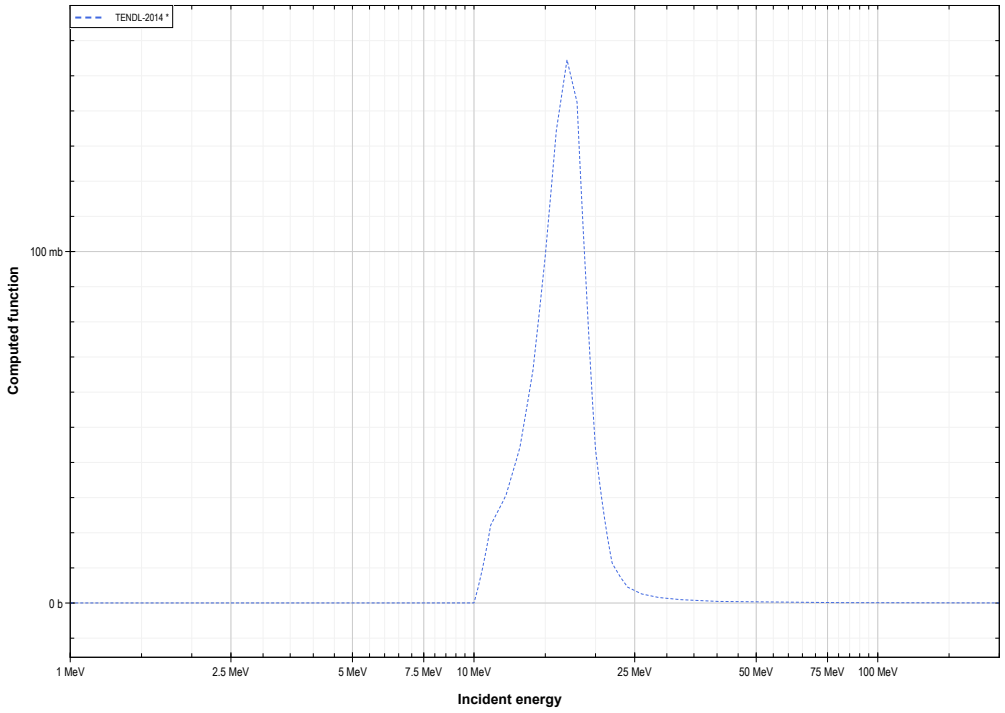
Reaction	Q-Value
Br79(γ,n)Br78	-10687.82 keV

<< 35-Br-79	**35-Br-81**	36-Kr-86 >>
<< 35-Br-79 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Br80 production)**	36-Kr-86 MT4 (γ,n) >>

Br81 (γ,n) log-log



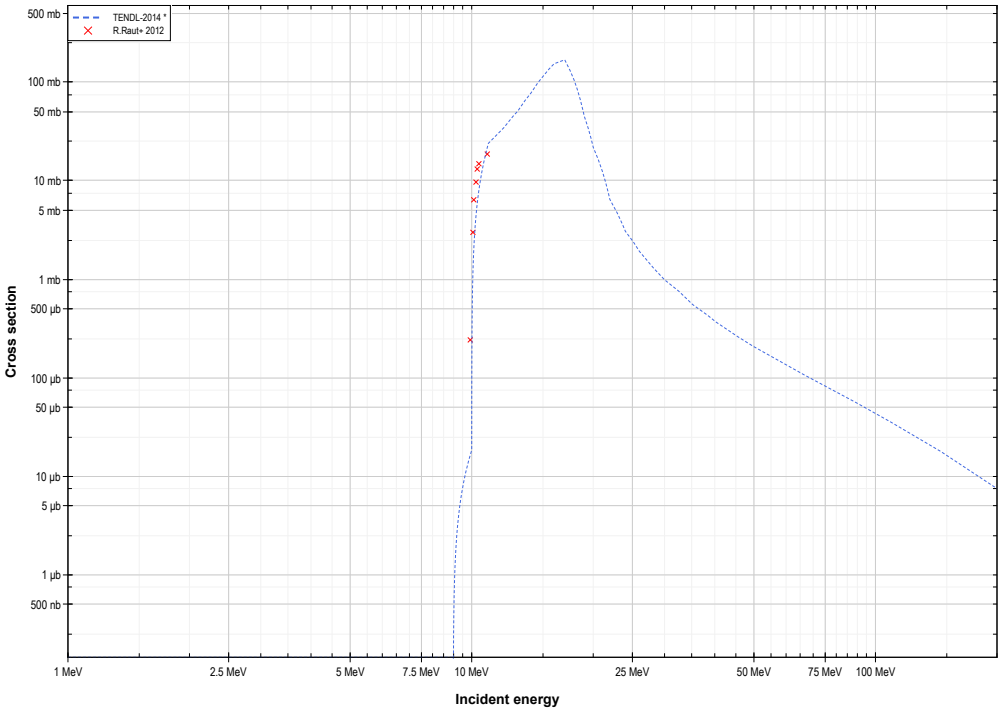
Br81 (γ,n) lin-log



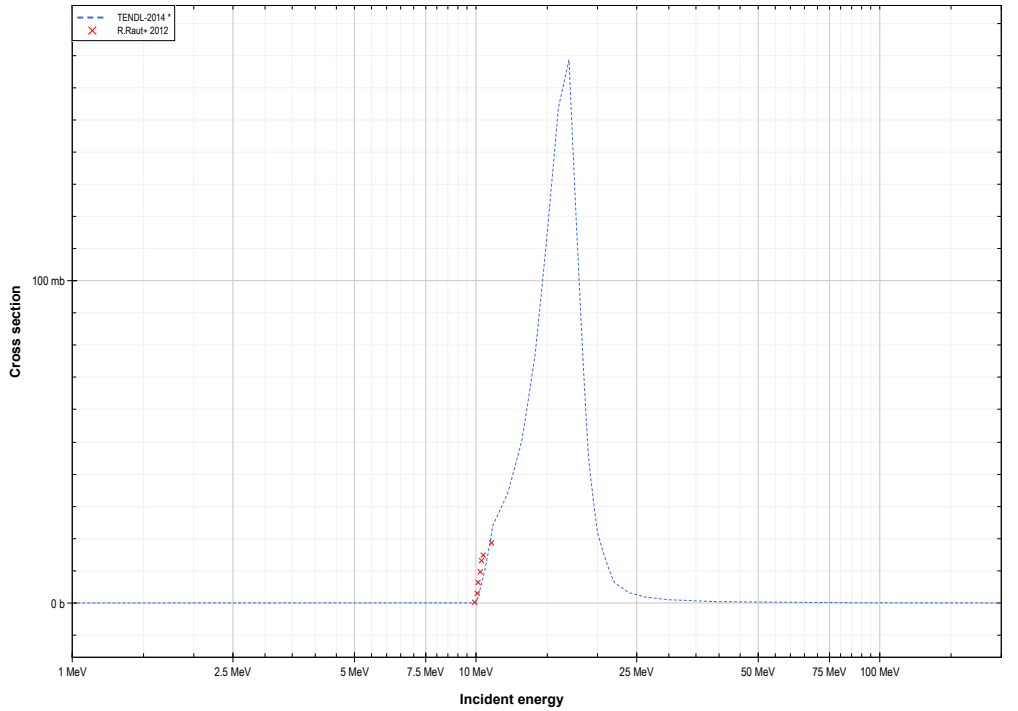
Reaction	Q-Value
Br81(γ,n)Br80	-10156.62 keV

<< 35-Br-81	**36-Kr-86**	37-Rb-85 >>
<< 35-Br-81 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Kr85 production)**	37-Rb-85 MT4 (γ,n) >>

Kr86 (γ,n) log-log



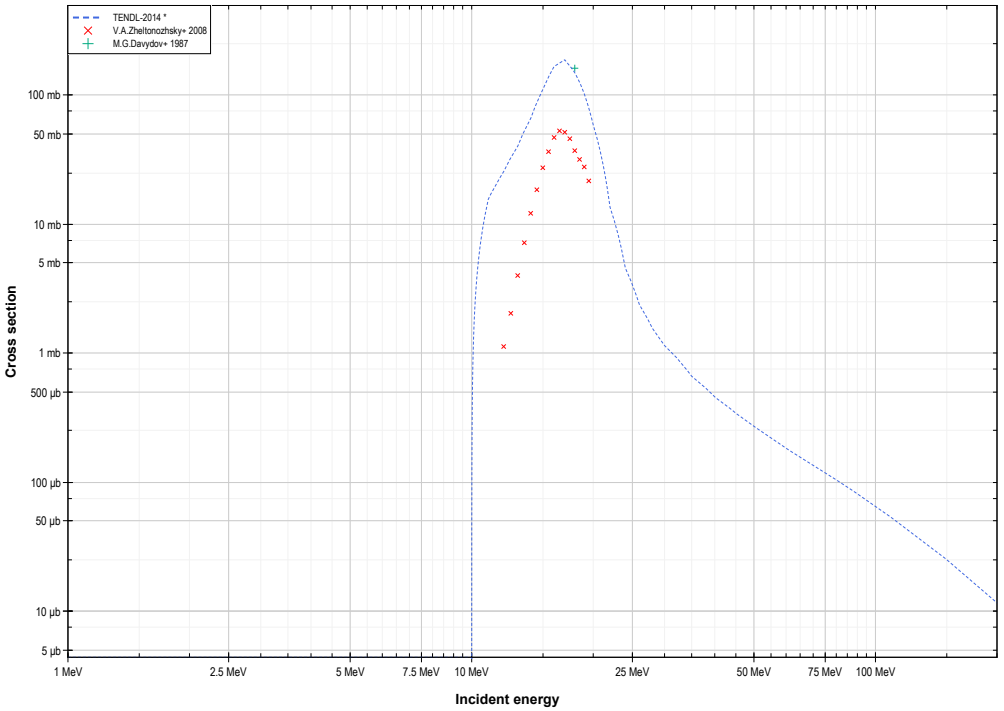
Kr86 (γ,n) lin-log



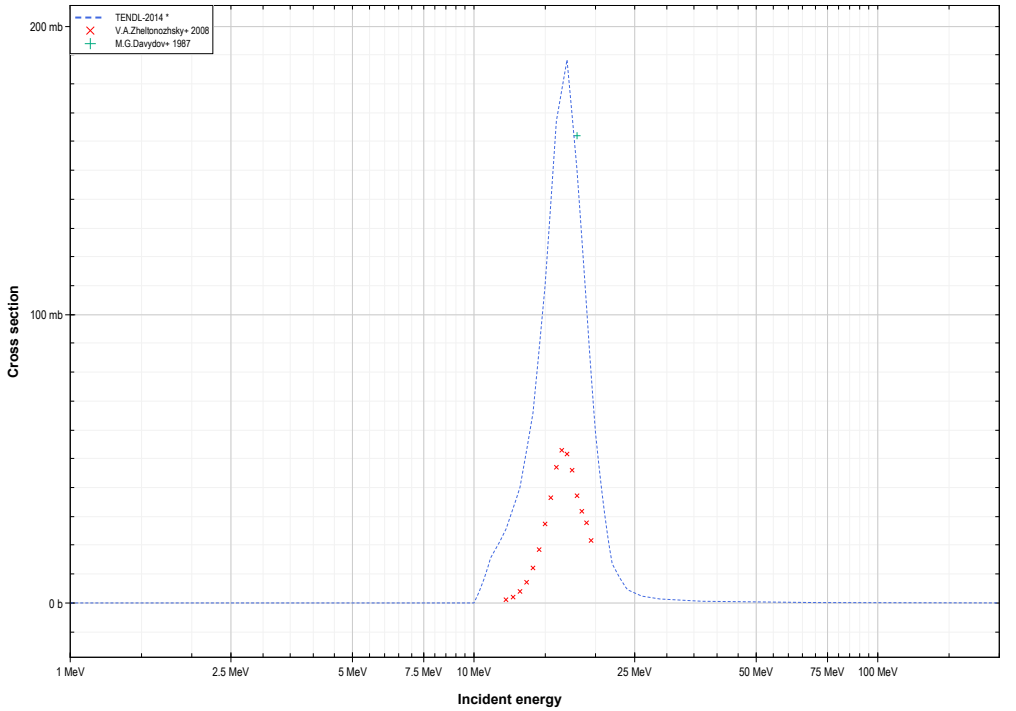
Reaction	Q-Value
Kr86(γ,n)Kr85	-9856.59 keV

<< 36-Kr-86	**37-Rb-85**	37-Rb-87 >>
<< 36-Kr-86 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Rb84 production)**	37-Rb-87 MT4 (γ,n) >>

Rb85 (γ,n) log-log



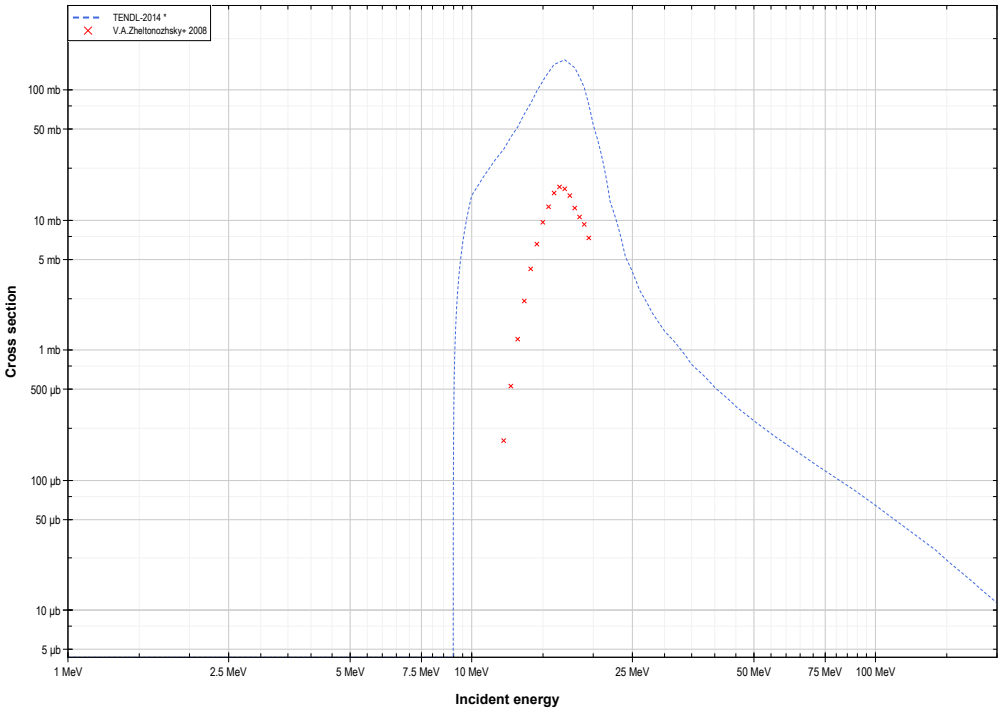
Rb85 (γ,n) lin-log



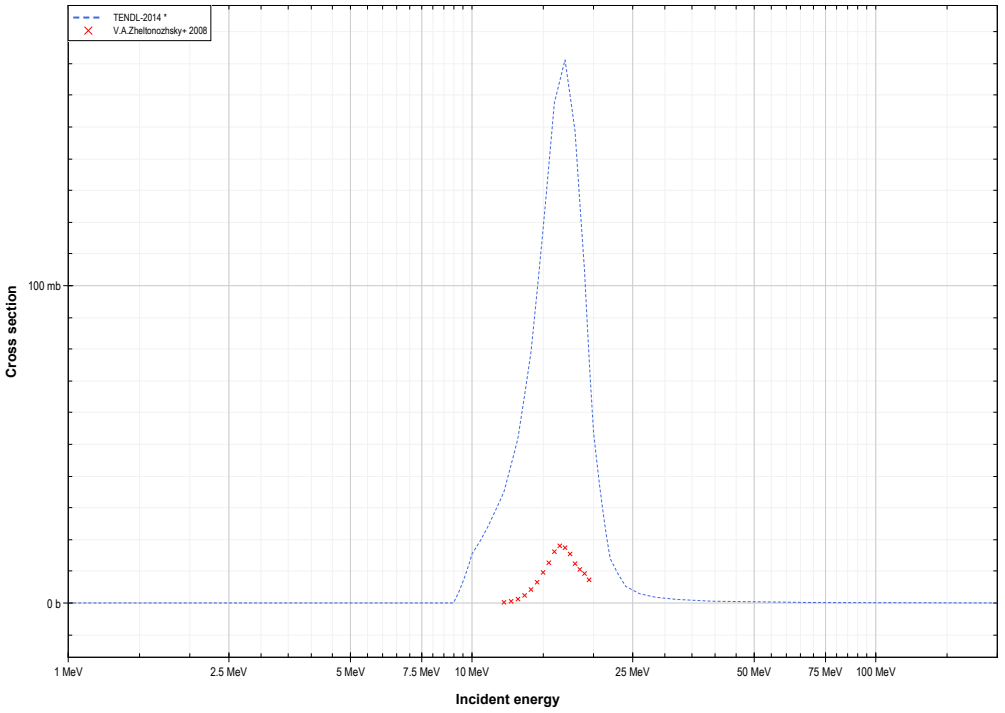
Reaction	Q-Value
Rb85(γ,n)Rb84	-10488.65 keV

<< 37-Rb-85	**37-Rb-87**	39-Y-89 >>
<< 37-Rb-85 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Rb86 production)**	MT107 (γ,α) >>

Rb87 (γ,n) log-log



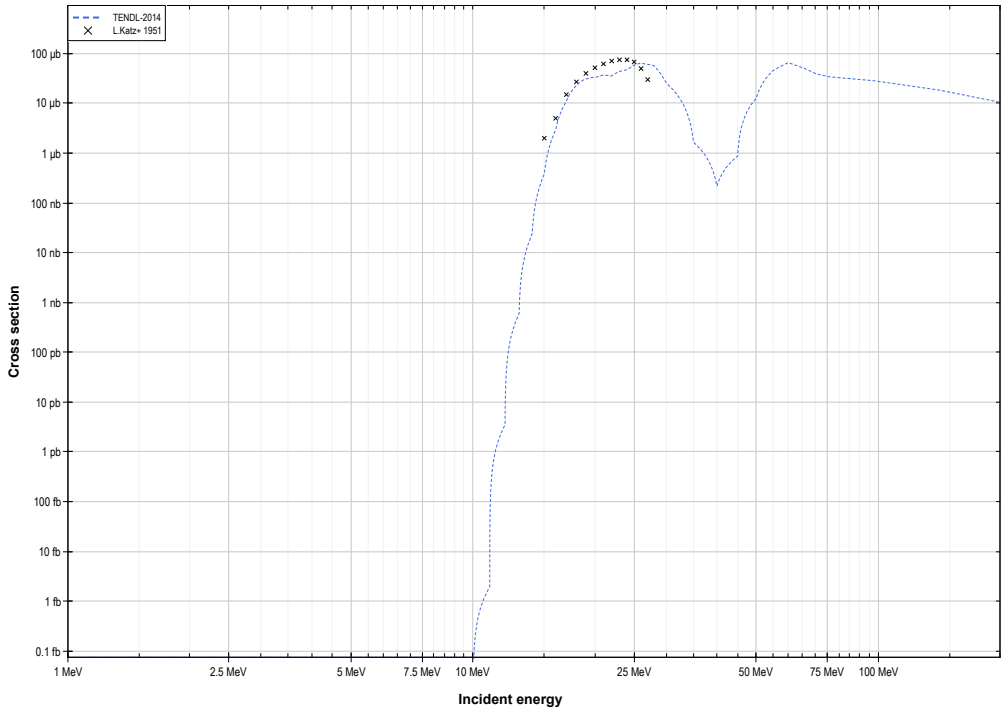
Rb87 (γ,n) lin-log



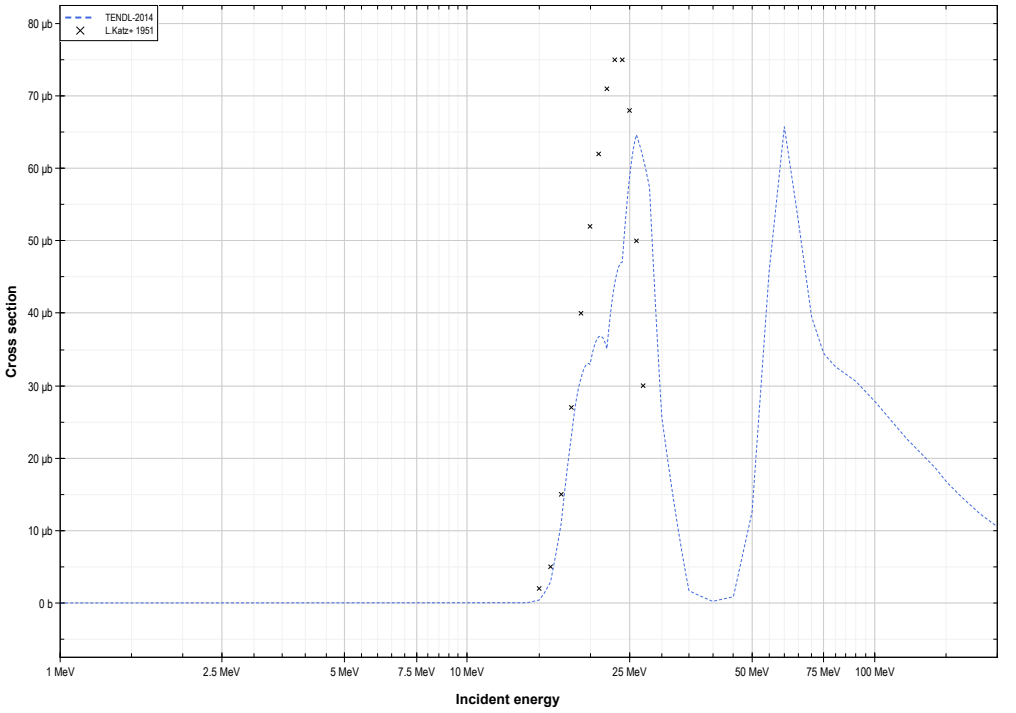
Reaction	Q-Value
Rb87(γ,n)Rb86	-9922.09 keV

<< 32-Ge-76	**37-Rb-87**	40-Zr-96 >>
<< MT4 (γ,n)	**MT107 (γ,α) or MT5 (Br83 production)**	39-Y-89 MT4 (γ,n) >>

Rb87 (γ,α) log-log



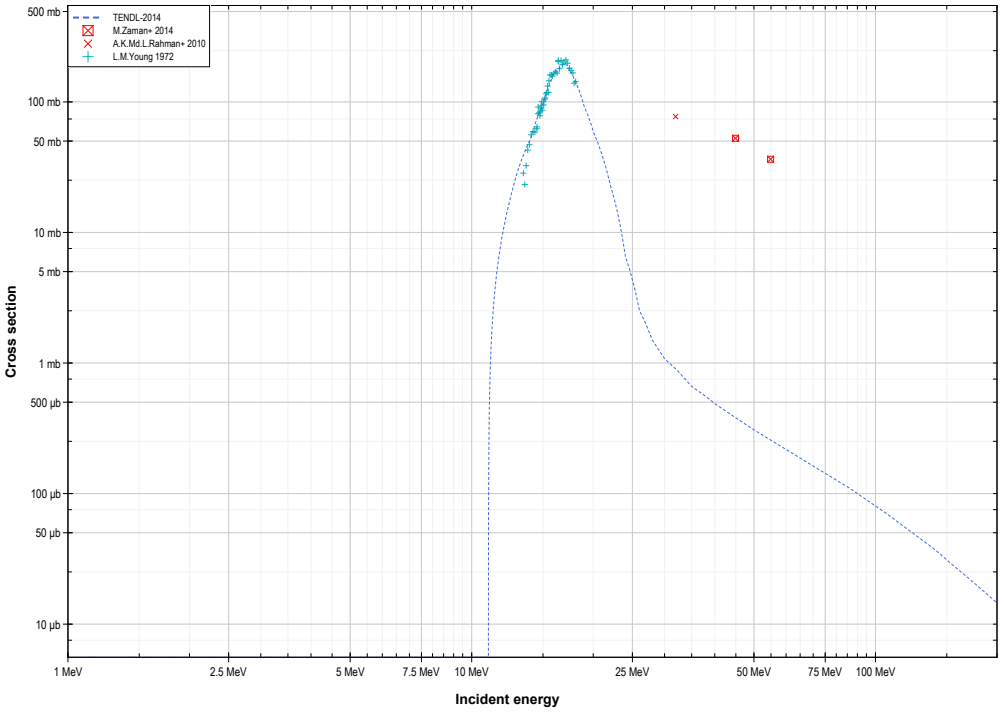
Rb87 (γ,α) lin-log



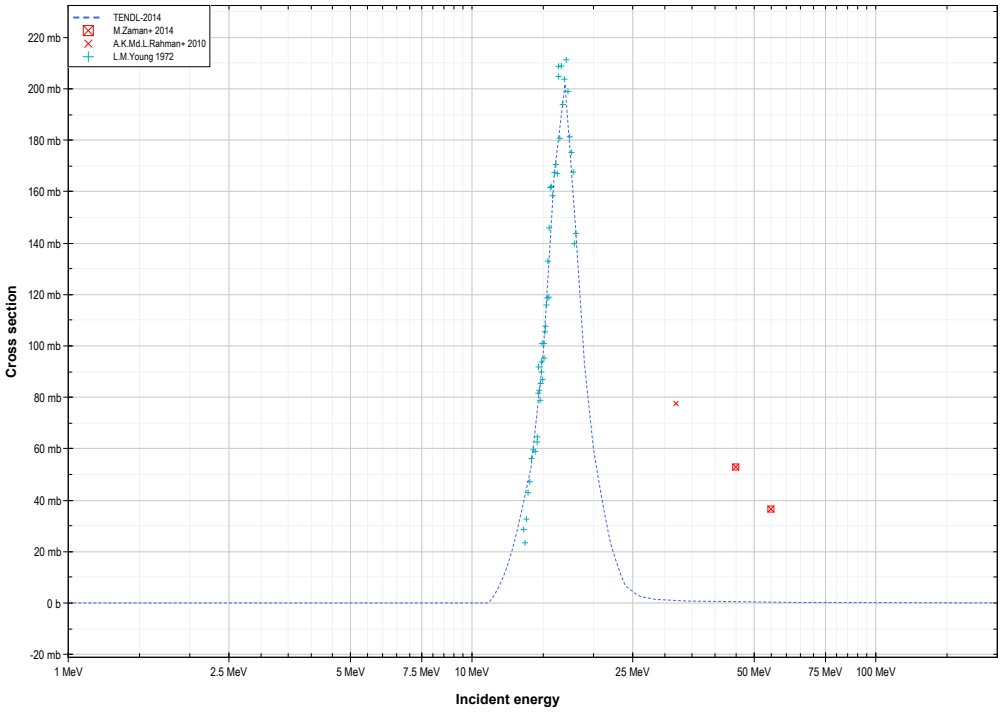
Reaction	Q-Value
Rb87(γ,α)Br83	-8013.71 keV
Rb87(γ,p+t)Br83	-27827.57 keV
Rb87(γ,n+He3)Br83	-28591.33 keV
Rb87(γ,2d)Br83	-31860.24 keV
Rb87(γ,n+p+d)Br83	-34084.80 keV
Rb87(γ,2n+2p)Br83	-36309.37 keV

<< 37-Rb-87	**39-Y-89**	40-Zr-90 >>
<< 37-Rb-87 MT107 (γ,α)	**MT4 (γ,n) or MT5 (Y88 production)**	MT16 (γ,2n) >>

Y89 (γ,n) log-log



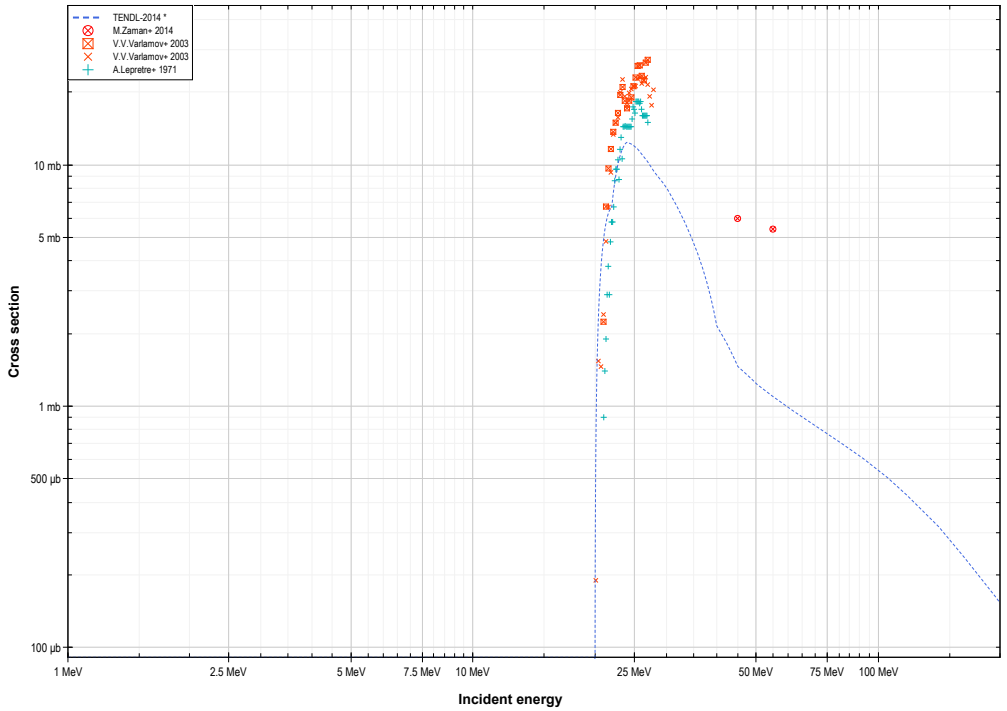
Y89 (γ,n) lin-log



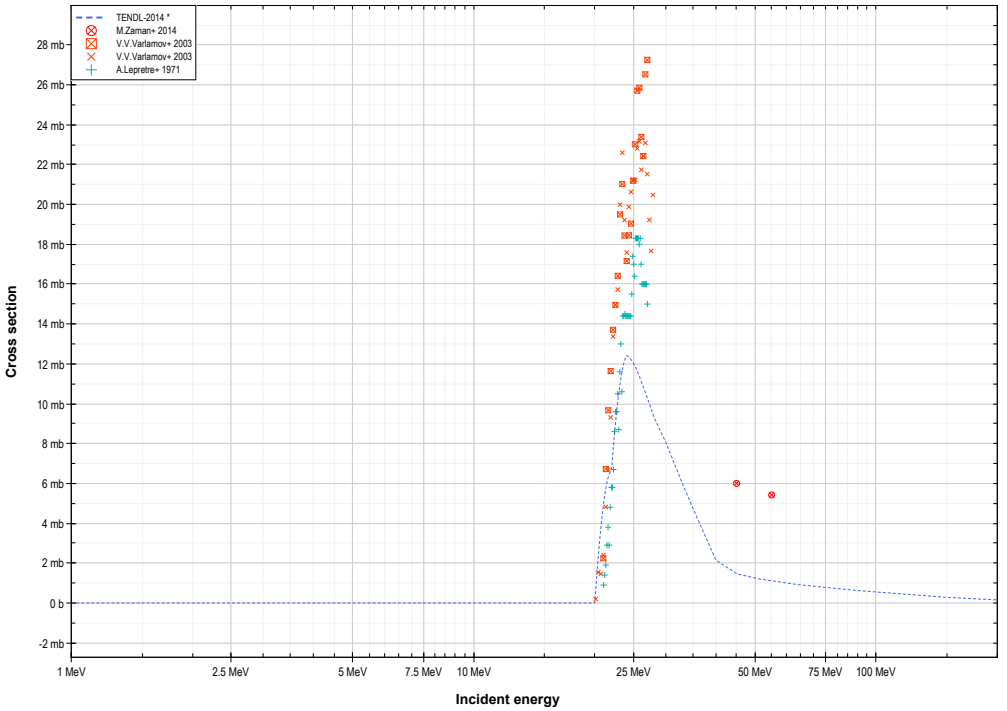
Reaction	Q-Value
Y89(γ,n)Y88	-11473.92 keV

<< 34-Se-82	**39-Y-89**	40-Zr-90 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Y87 production)**	MT17 (γ,3n) >>

Y89 (γ,2n) log-log



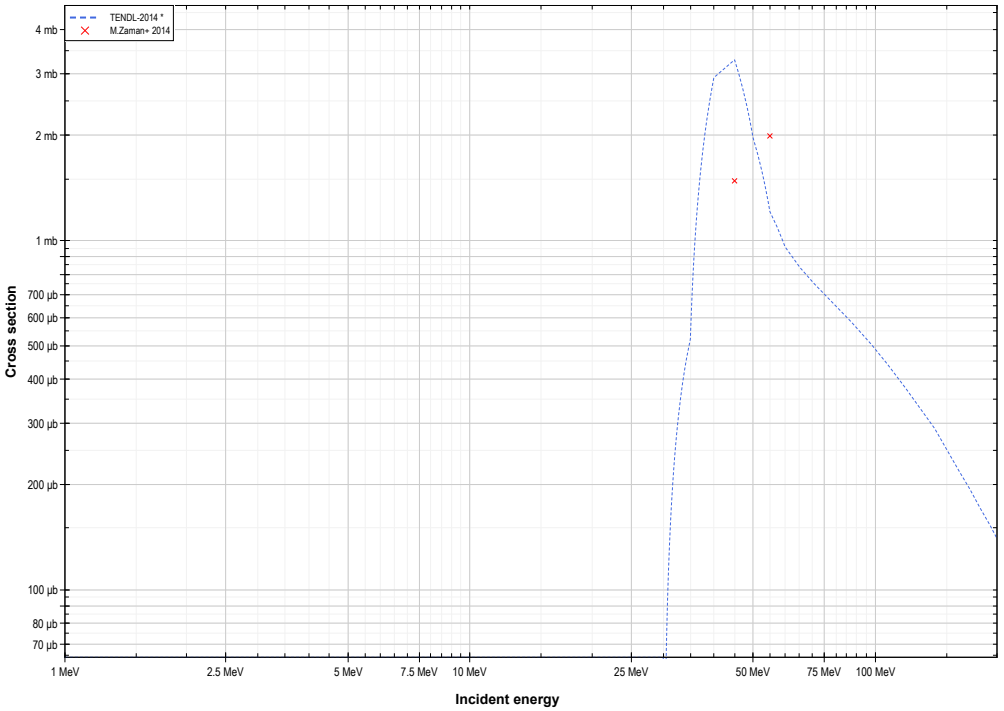
Y89 (γ,2n) lin-log



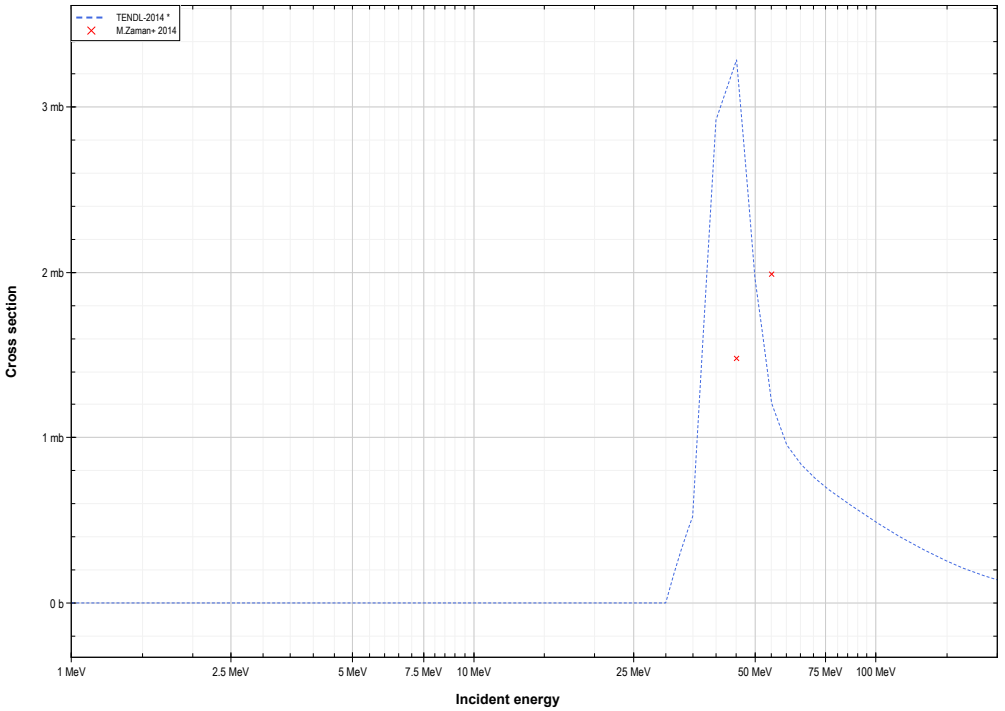
Reaction	Q-Value
Y89(γ,2n)Y87	-20825.63 keV

<< 27-Co-59	**39-Y-89**	40-Zr-94 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (Y86 production)**	MT37 (γ,4n) >>

Y89 (γ,3n) log-log



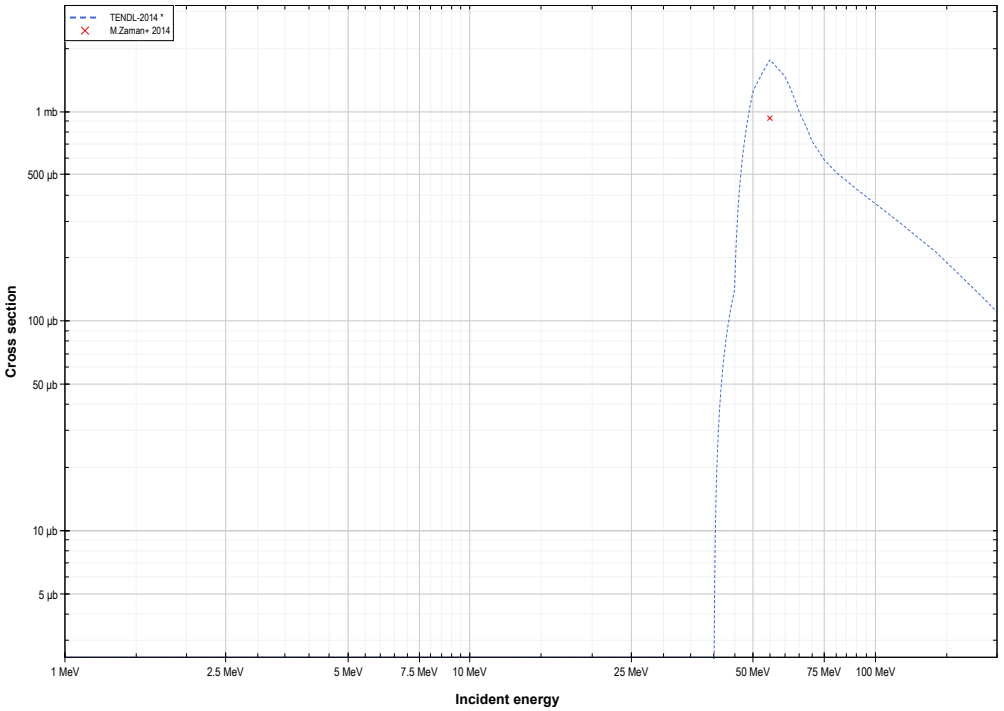
Y89 (γ,3n) lin-log



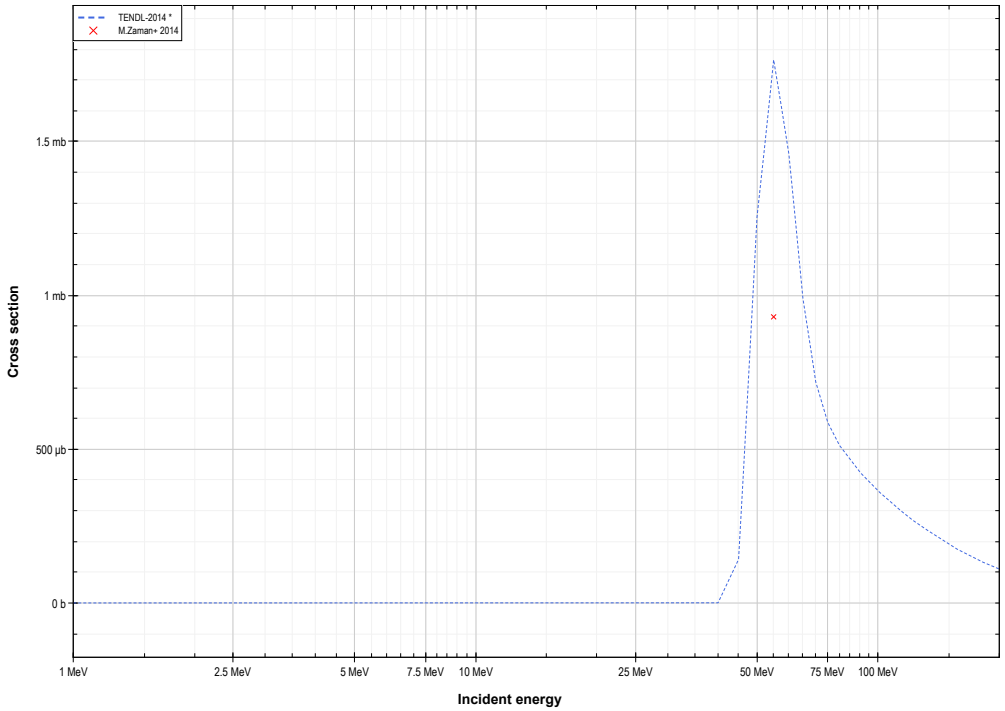
Reaction	Q-Value
Y89(γ,3n)Y86	-32631.65 keV

	39-Y-89	41-Nb-93 >>
<< MT17 (γ,3n)	**MT37 (γ,4n) or MT5 (Y85 production)**	40-Zr-90 MT4 (γ,n) >>

Y89 (γ,4n) log-log



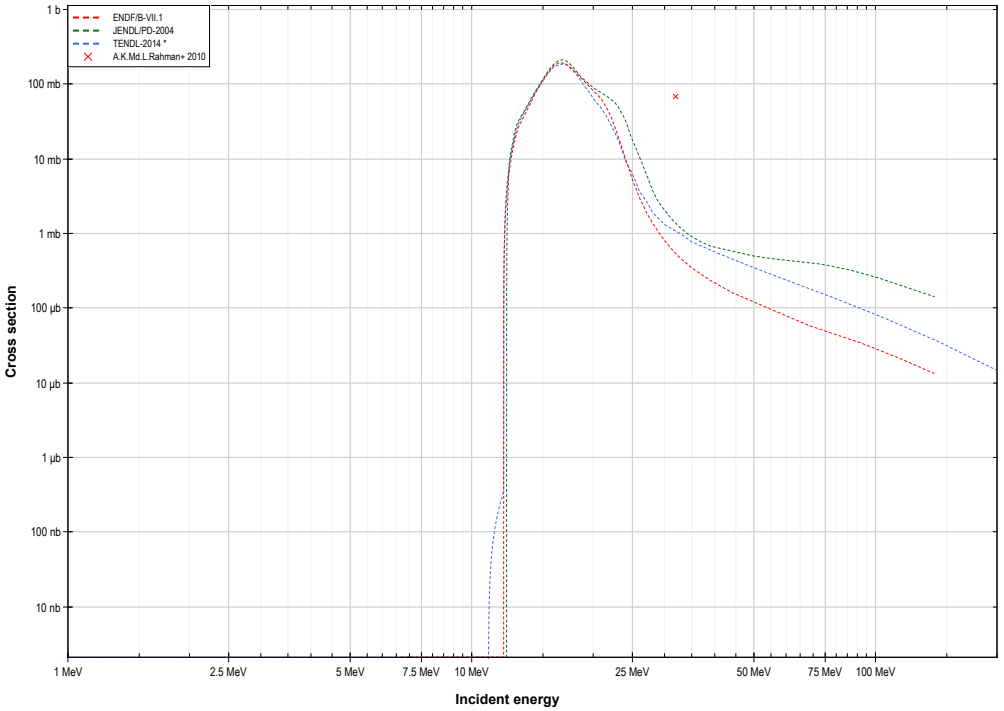
Y89 (γ,4n) lin-log



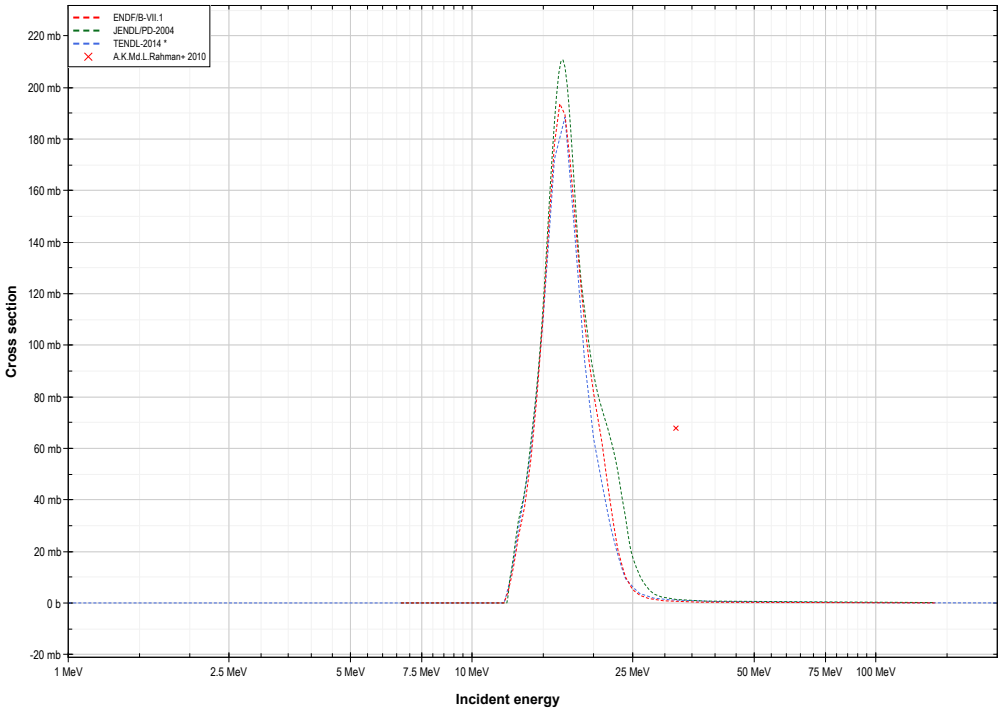
Reaction	Q-Value
Y89(γ,4n)Y85	-42144.97 keV

<< 39-Y-89	**40-Zr-90**	40-Zr-91 >>
<< 39-Y-89 MT37 (γ,4n)	**MT4 (γ,n) or MT5 (Zr89 production)**	MT16 (γ,2n) >>

Zr90 (γ,n) log-log



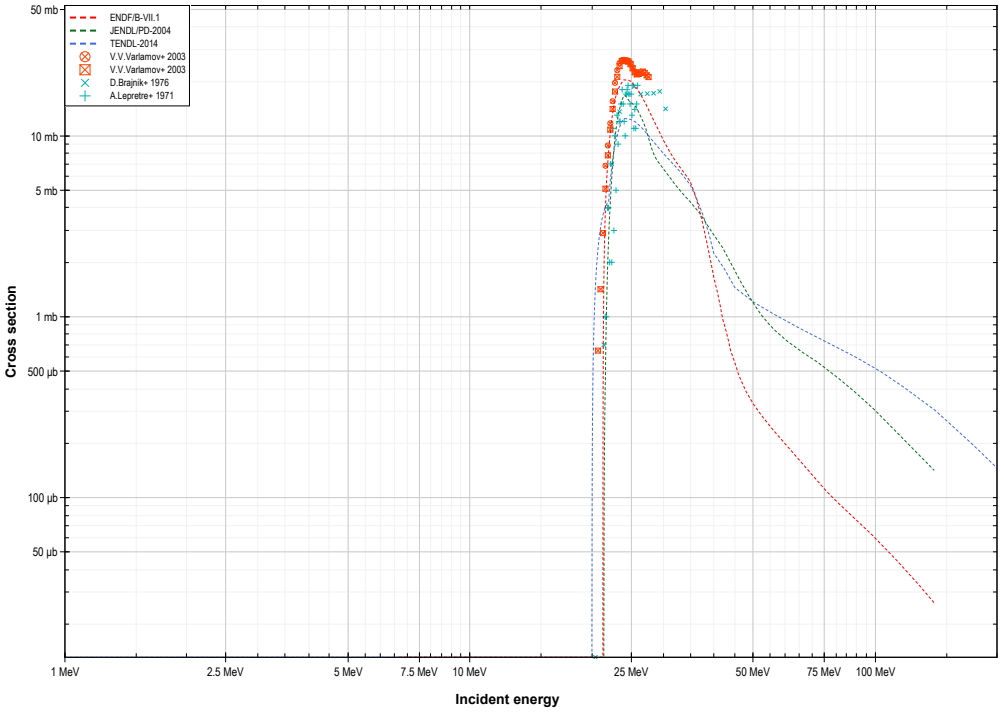
Zr90 (γ,n) lin-log



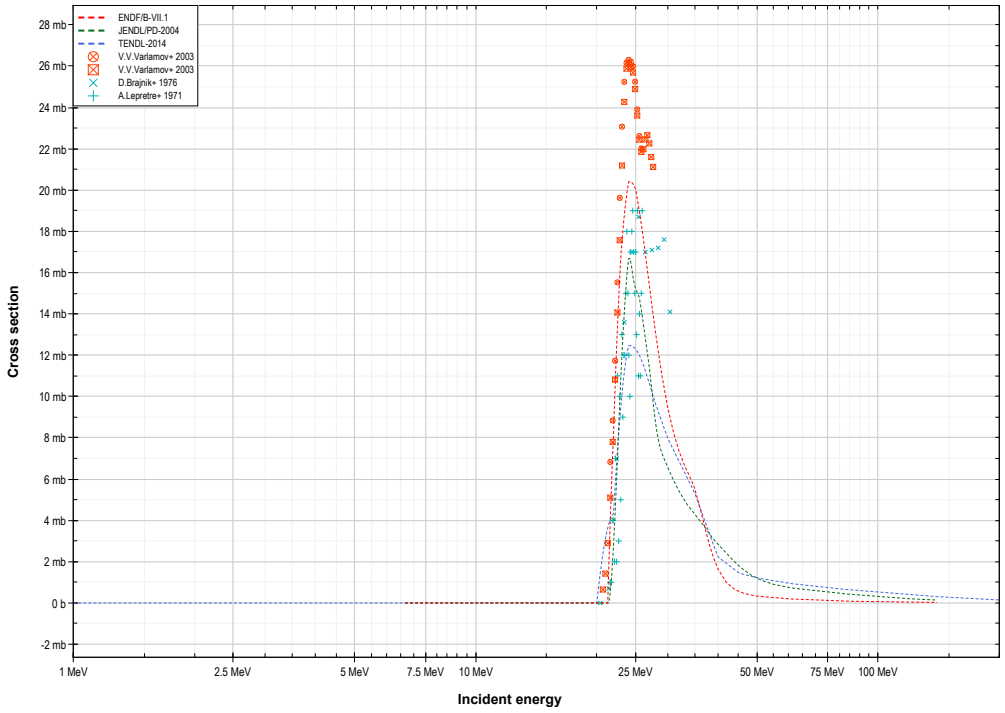
Reaction	Q-Value
Zr90(γ,n)Zr89	-11969.62 keV

<< 39-Y-89	**40-Zr-90**	45-Rh-103 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Zr88 production)**	MT103 (γ,p) >>

Zr90 (γ,2n) log-log



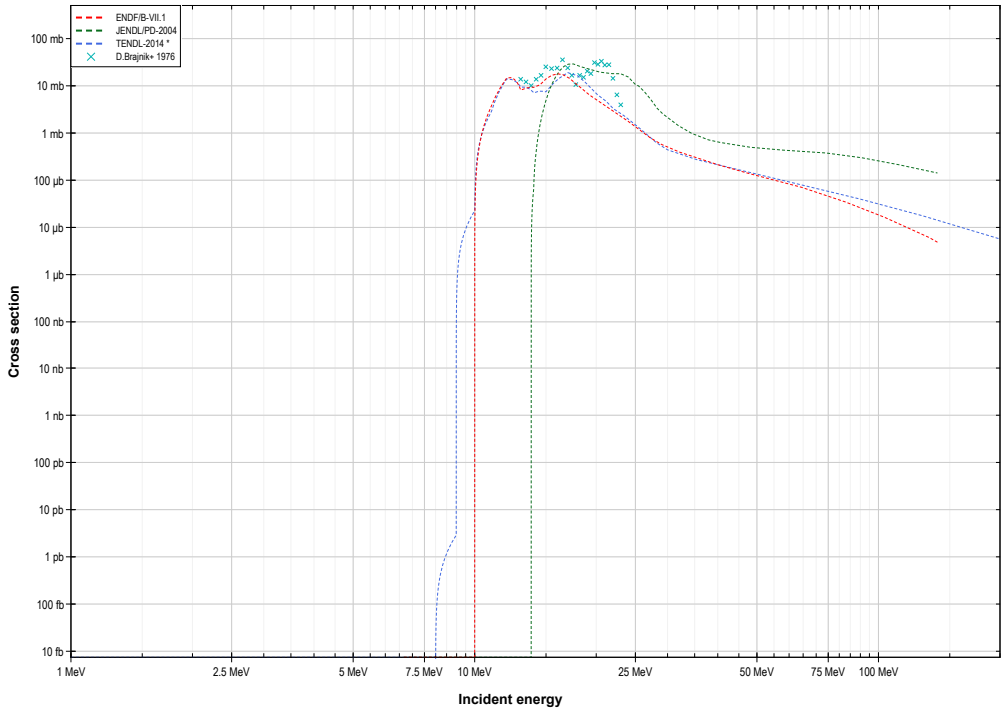
Zr90 (γ,2n) lin-log



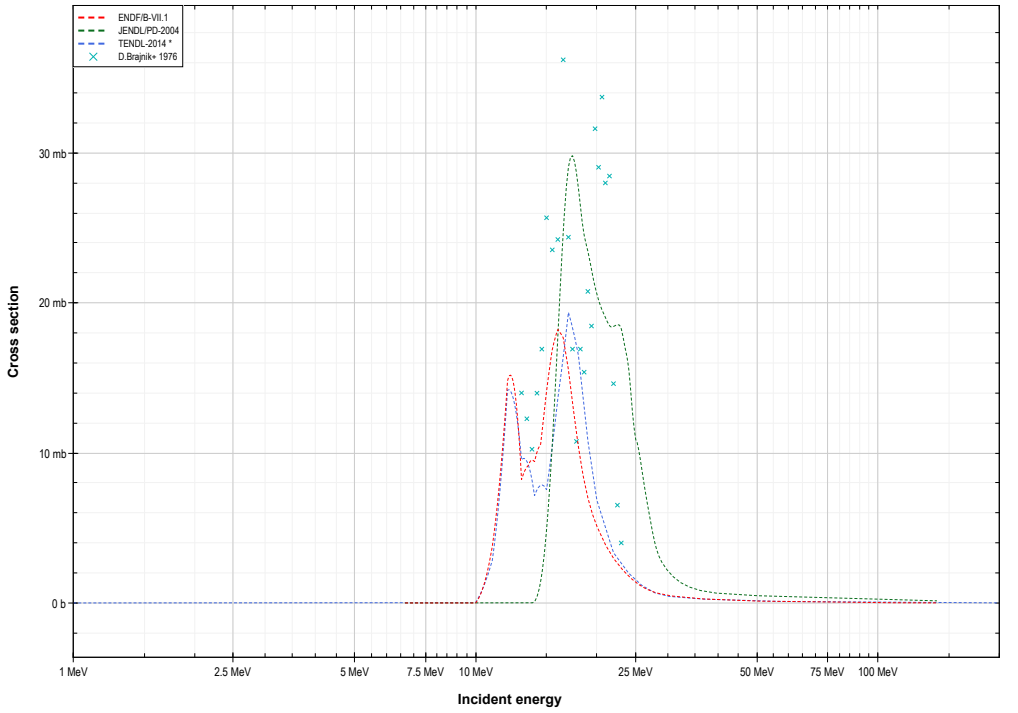
Reaction	Q-Value
Zr90(γ,2n)Zr88	-21286.93 keV

<< 32-Ge-70	**40-Zr-90**	45-Rh-103 >>
<< MT16 (γ,2n)	**MT103 (γ,p) or MT5 (Y89 production)**	40-Zr-91 MT4 (γ,n) >>

Zr90 (γ,p) log-log



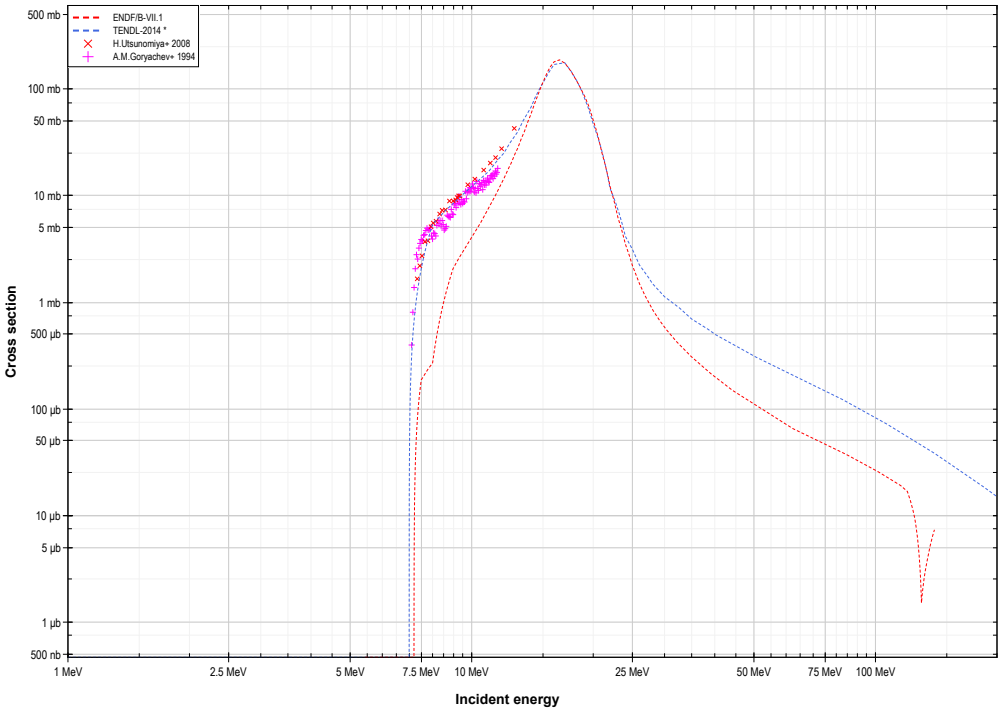
Zr90 (γ,p) lin-log



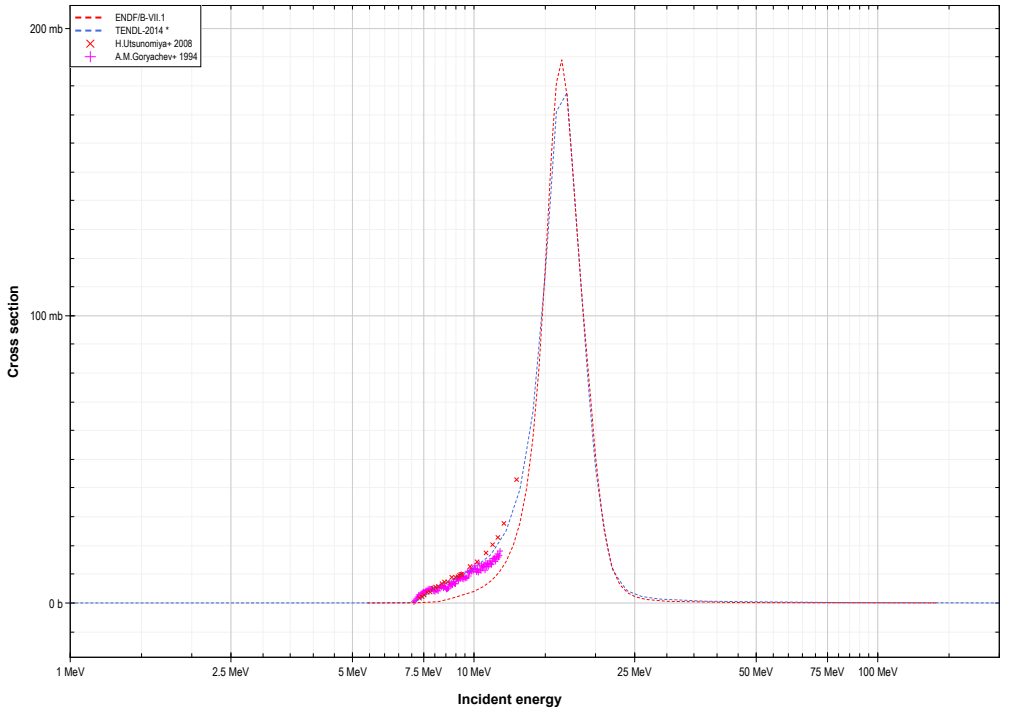
Reaction	Q-Value
Zr90(γ,p)Y89	-8354.57 keV

<< 40-Zr-90	**40-Zr-91**	40-Zr-92 >>
<< 40-Zr-90 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Zr90 production)**	40-Zr-92 MT4 (γ,n) >>

Zr91 (γ,n) log-log



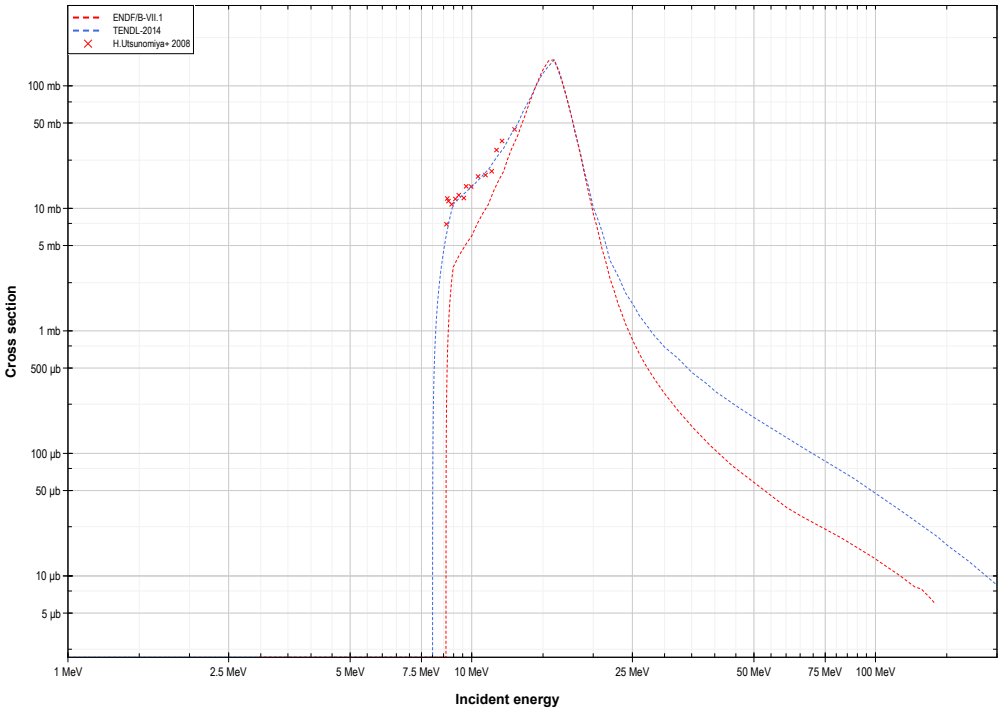
Zr91 (γ,n) lin-log



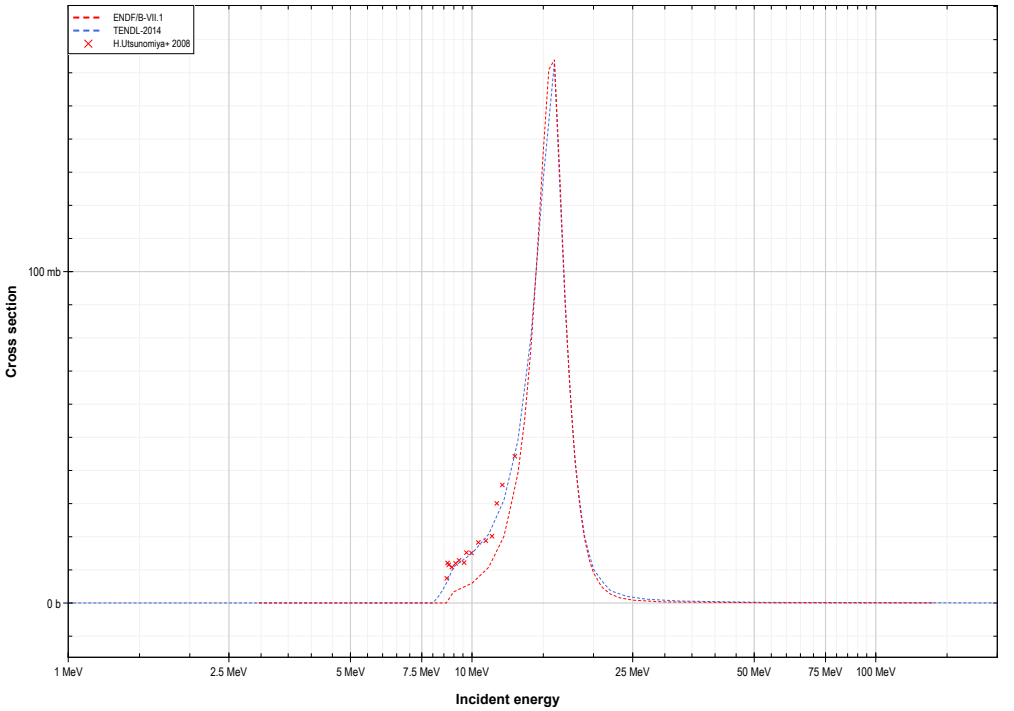
Reaction	Q-Value
Zr91(γ,n)Zr90	-7194.42 keV

<< 40-Zr-91	**40-Zr-92**	40-Zr-94 >>
<< 40-Zr-91 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Zr91 production)**	40-Zr-94 MT4 (γ,n) >>

Zr92 (γ,n) log-log



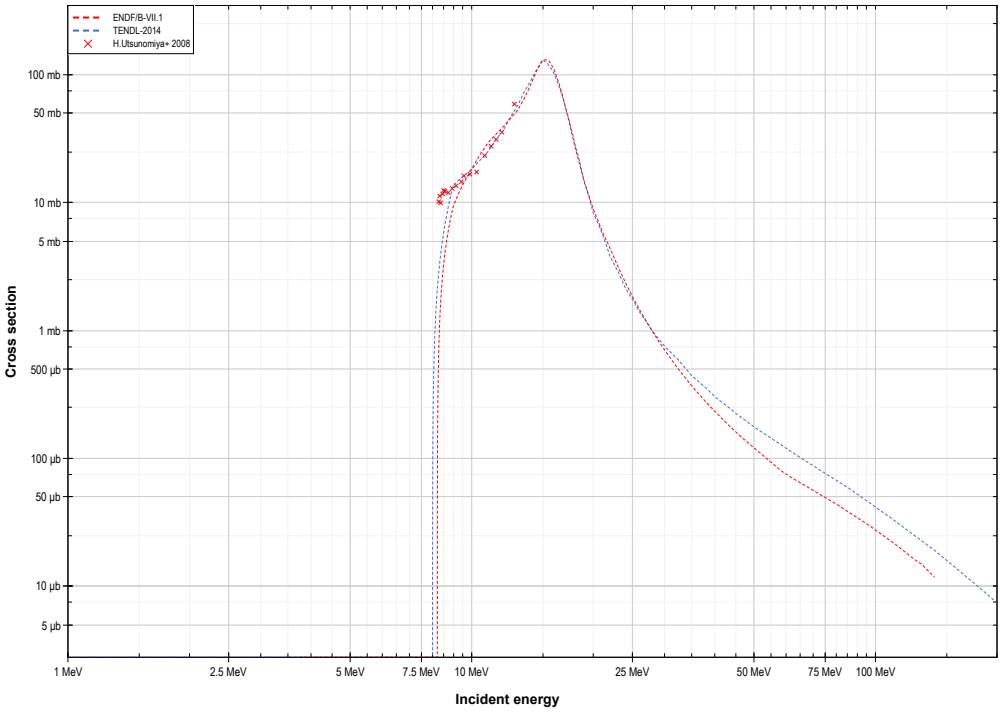
Zr92 (γ,n) lin-log



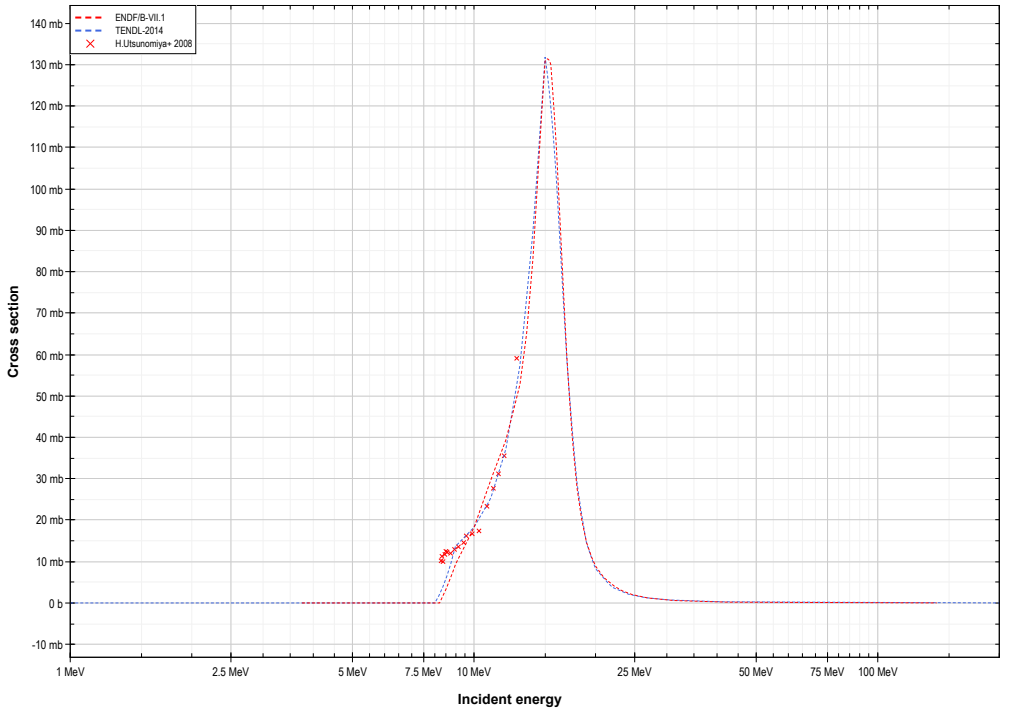
Reaction	Q-Value
Zr92(γ,n)Zr91	-8634.82 keV

<< 40-Zr-92	**40-Zr-94**	40-Zr-96 >>
<< 40-Zr-92 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Zr93 production)**	MT17 (γ,3n) >>

Zr94 (γ,n) log-log



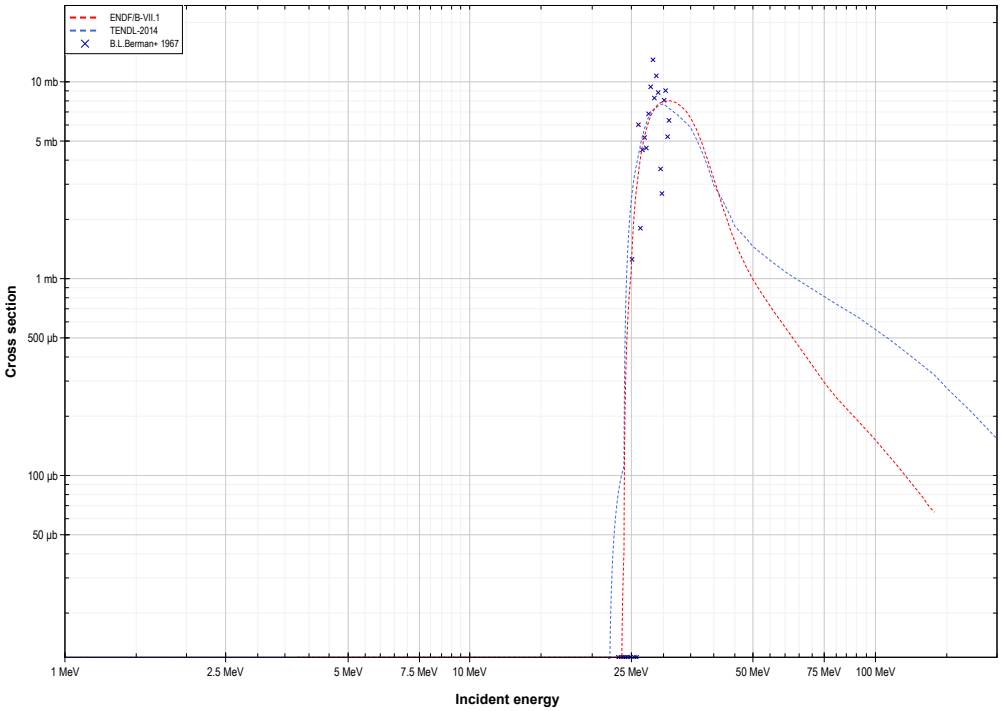
Zr94 (γ,n) lin-log



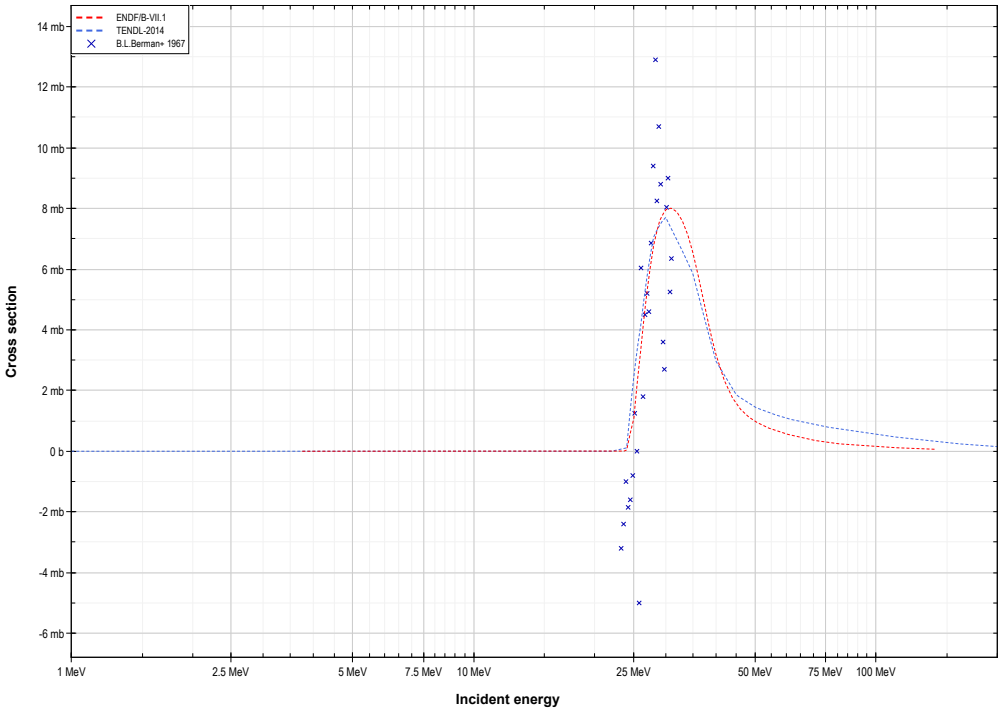
Reaction	Q-Value
Zr94(γ,n)Zr93	-8221.12 keV

<< 39-Y-89	**40-Zr-94**	41-Nb-93 >>
<< MT4 (γ,n)	**MT17 (γ,3n) or MT5 (Zr91 production)**	40-Zr-96 MT4 (γ,n) >>

Zr94 (γ,3n) log-log



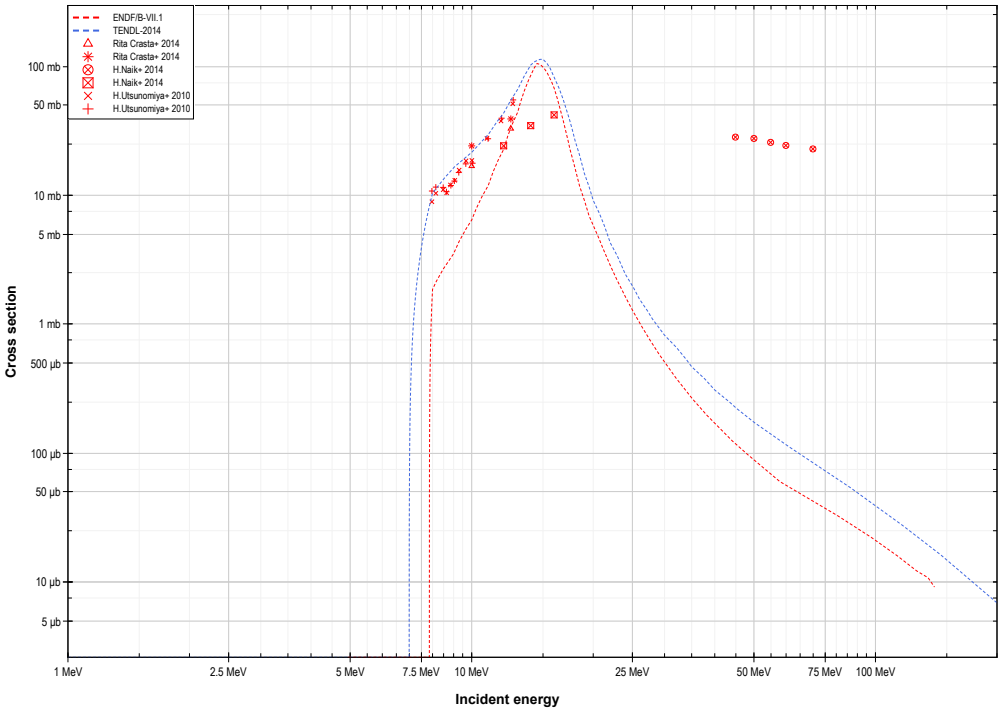
Zr94 (γ,3n) lin-log



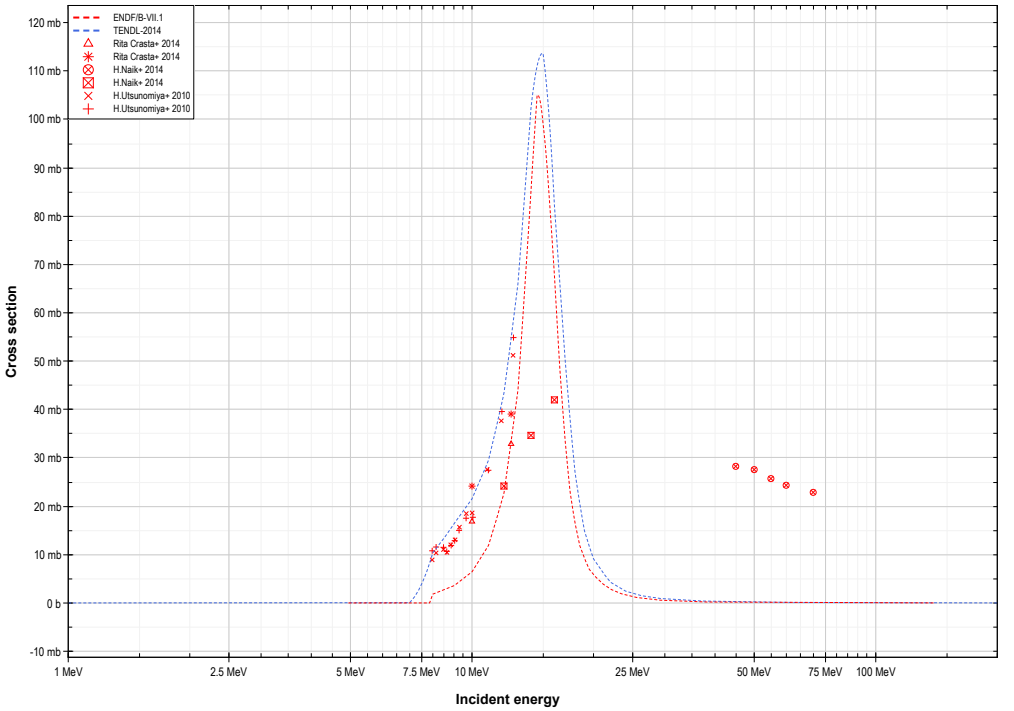
Reaction	Q-Value
Zr94(γ,3n)Zr91	-23590.35 keV

<< 40-Zr-94	**40-Zr-96**	41-Nb-93 >>
<< 40-Zr-94 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Zr95 production)**	MT107 (γ,α) >>

Zr96 (γ,n) log-log



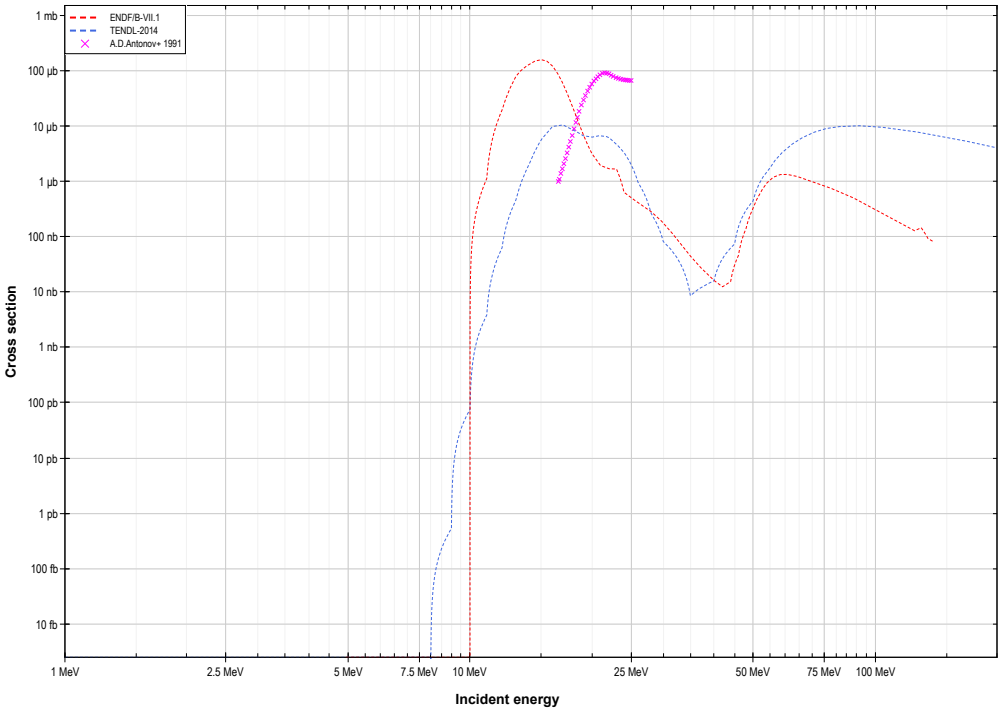
Zr96 (γ,n) lin-log



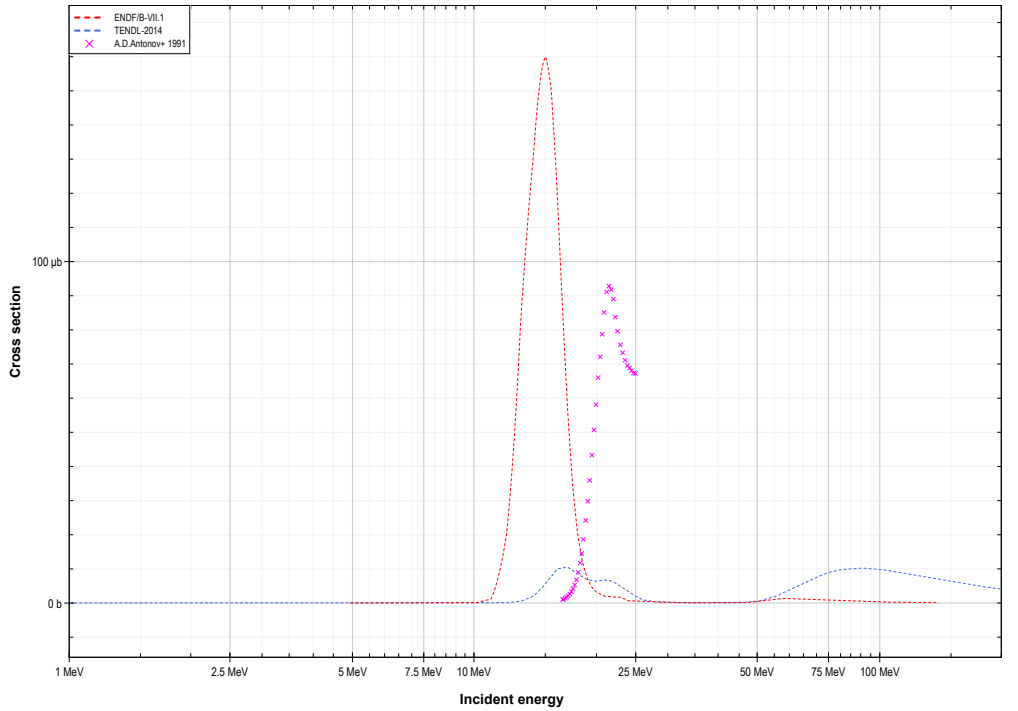
Reaction	Q-Value
Zr96(γ,n)Zr95	-7856.32 keV

<< 37-Rb-87	**40-Zr-96**	41-Nb-93 >>
<< MT4 (γ,n)	**MT107 (γ,α) or MT5 (Sr92 production)**	41-Nb-93 MT4 (γ,n) >>

Zr96 (γ,α) log-log



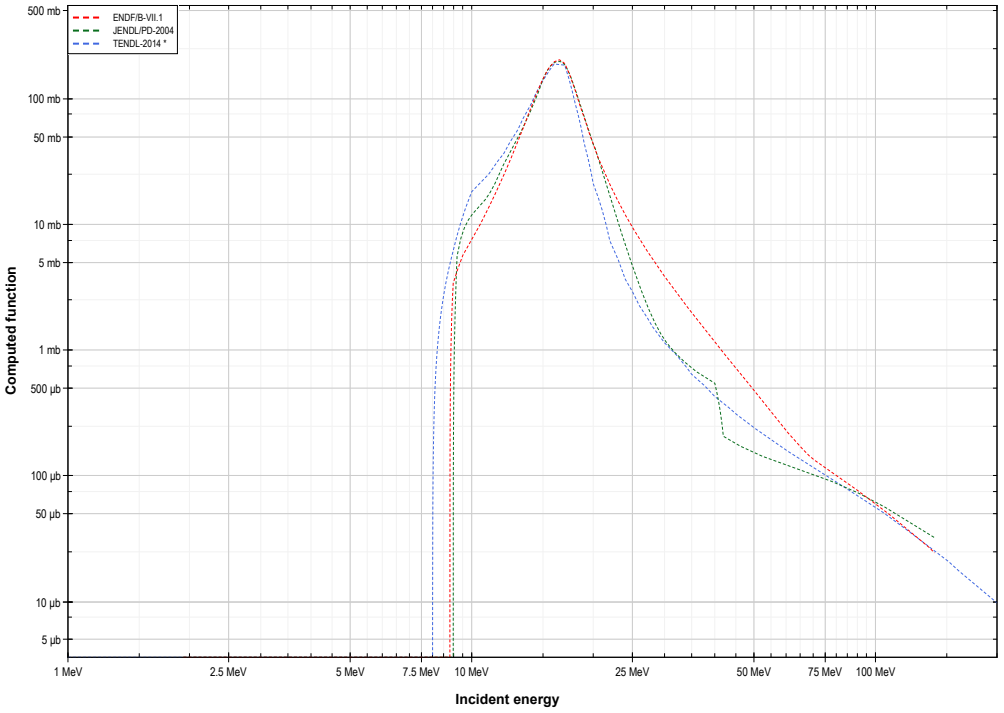
Zr96 (γ,α) lin-log



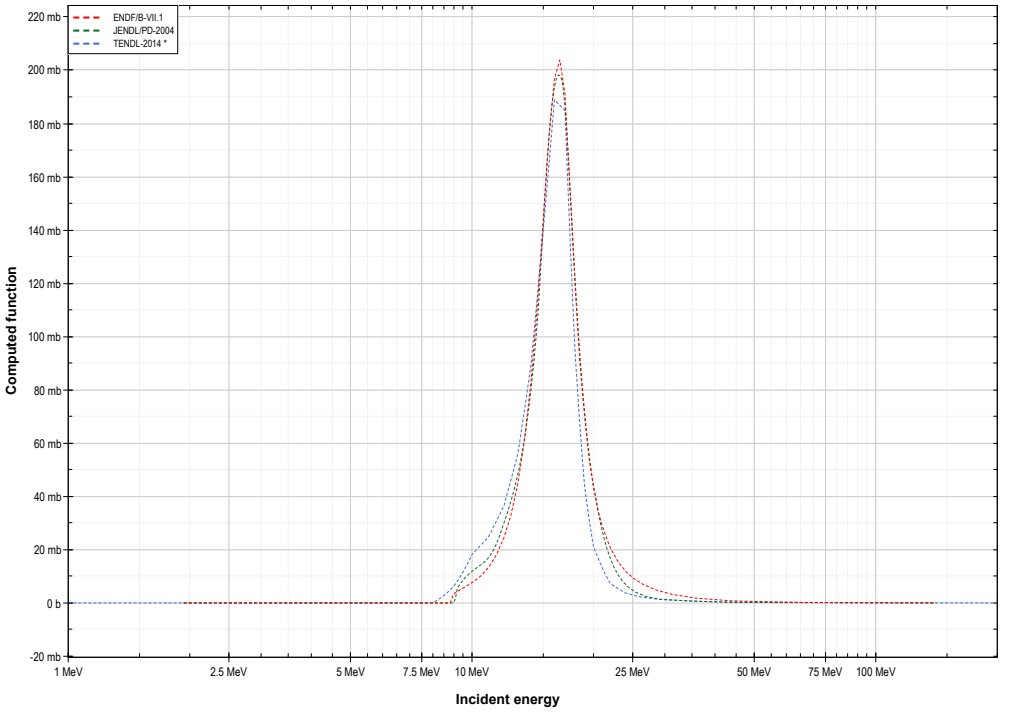
Reaction	Q-Value
Zr96(γ,α)Sr92	-4999.72 keV
Zr96(γ,p+t)Sr92	-24813.58 keV
Zr96(γ,n+He3)Sr92	-25577.33 keV
Zr96(γ,2d)Sr92	-28846.24 keV
Zr96(γ,n+p+d)Sr92	-31070.81 keV
Zr96(γ,2n+2p)Sr92	-33295.38 keV

<< 40-Zr-96	**41-Nb-93**	42-Mo-92 >>
<< 40-Zr-96 MT107 (γ,α)	**MT4 (γ,n) or MT5 (Nb92 production)**	MT17 (γ,3n) >>

Nb93 (γ,n) log-log



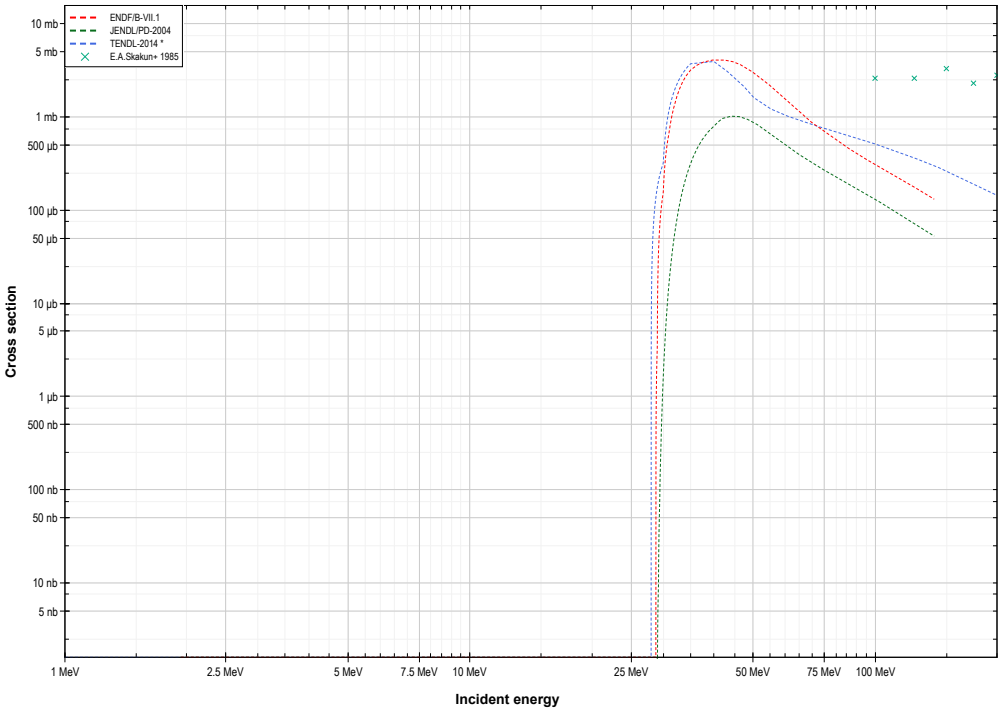
Nb93 (γ,n) lin-log



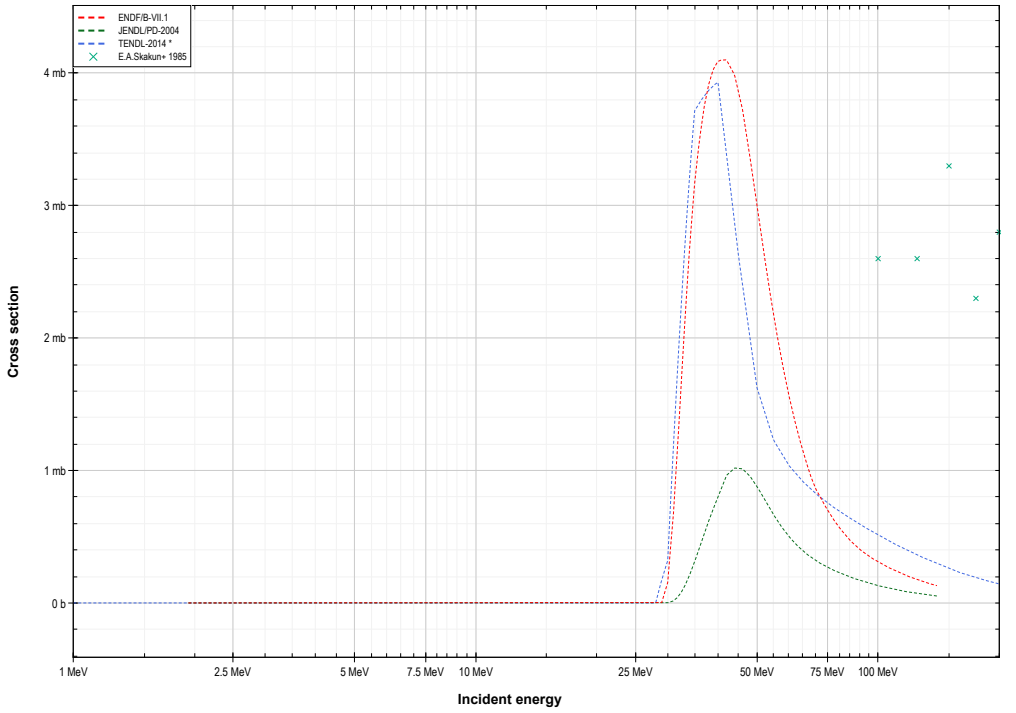
Reaction	Q-Value
Nb93(γ,n)Nb92	-8831.32 keV

<< 40-Zr-94	**41-Nb-93**	42-Mo-96 >>
<< MT4 (γ,n)	**MT17 (γ,3n) or MT5 (Nb90 production)**	MT37 (γ,4n) >>

Nb93 (γ,3n) log-log



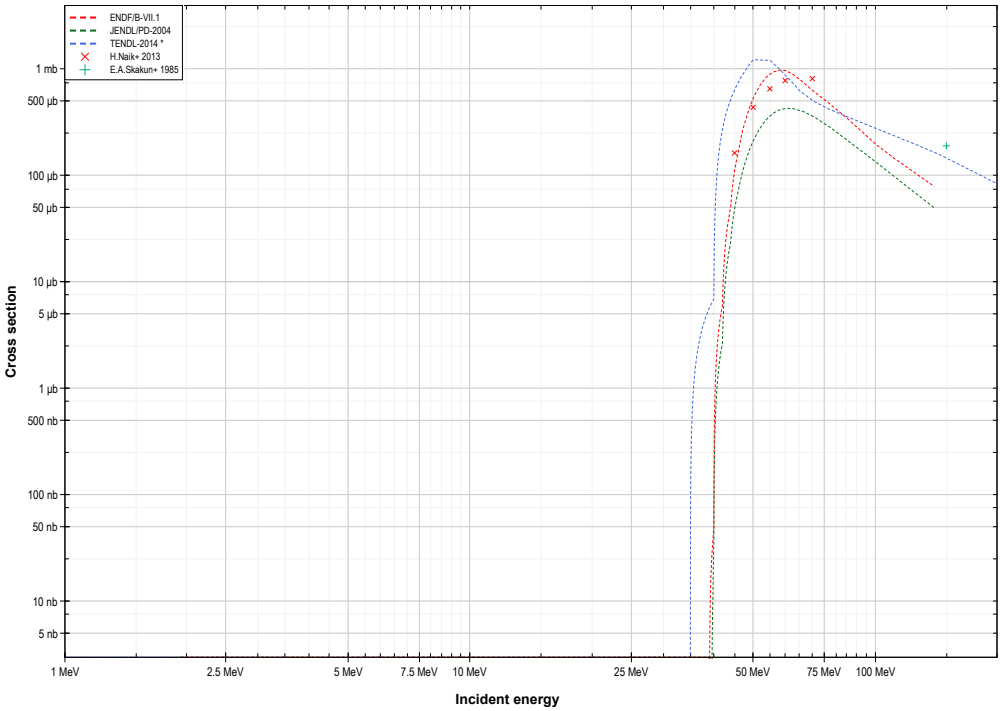
Nb93 (γ,3n) lin-log



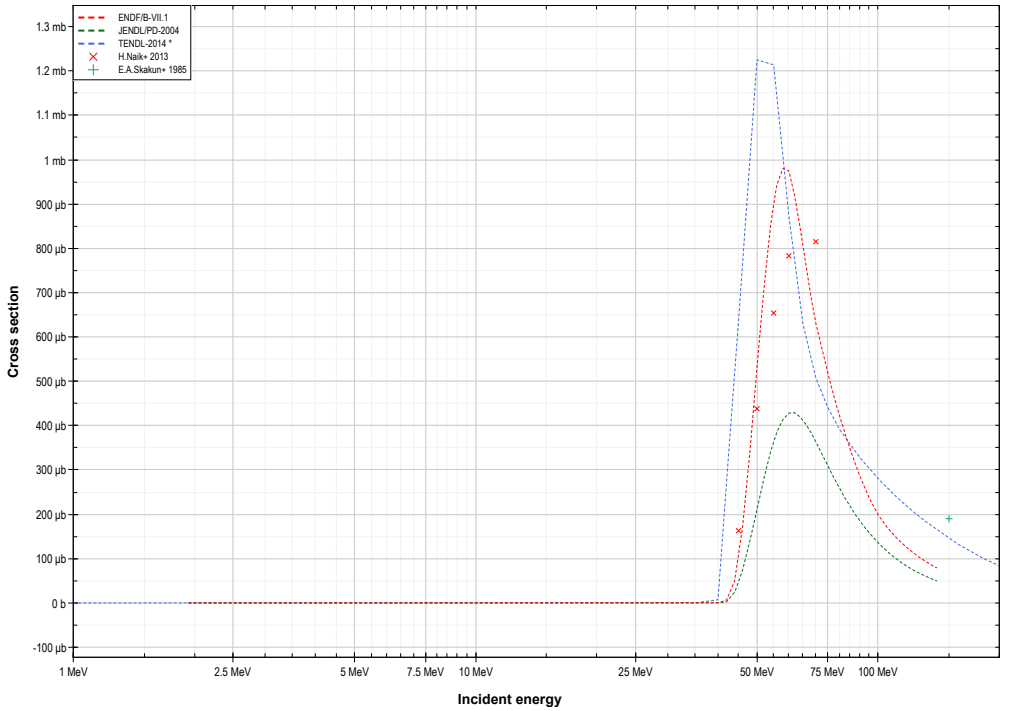
Reaction	Q-Value
Nb93(γ,3n)Nb90	-28766.25 keV

<< 39-Y-89	**41-Nb-93**	82-Pb-208 >>
<< MT17 (γ,3n)	**MT37 (γ,4n) or MT5 (Nb89 production)**	MT107 (γ,α) >>

Nb93 (γ,4n) log-log



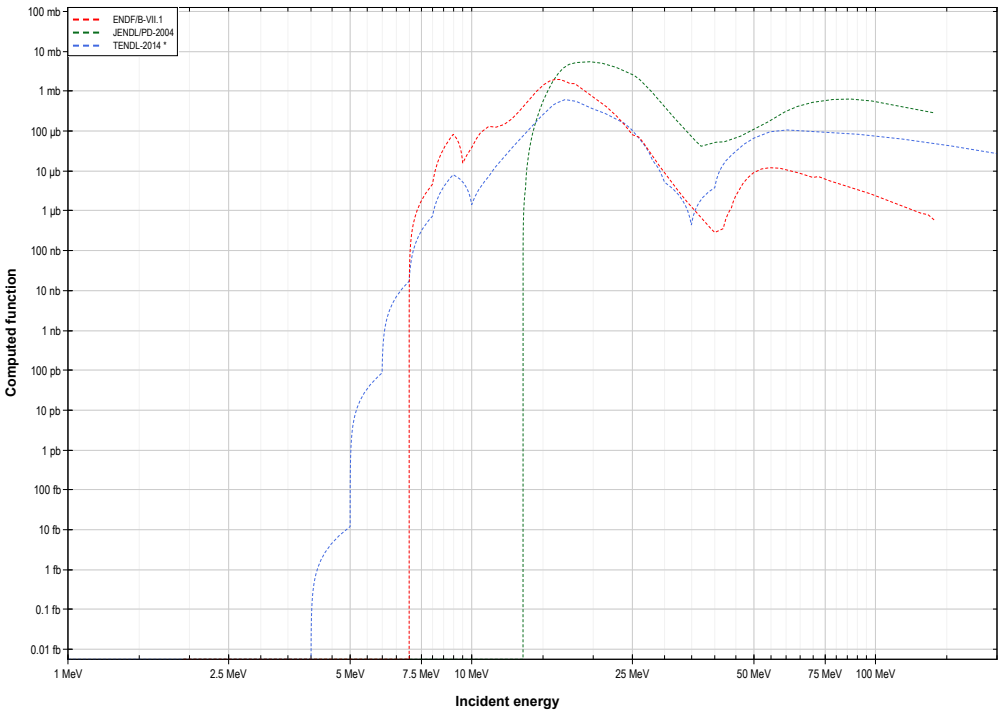
Nb93 (γ,4n) lin-log



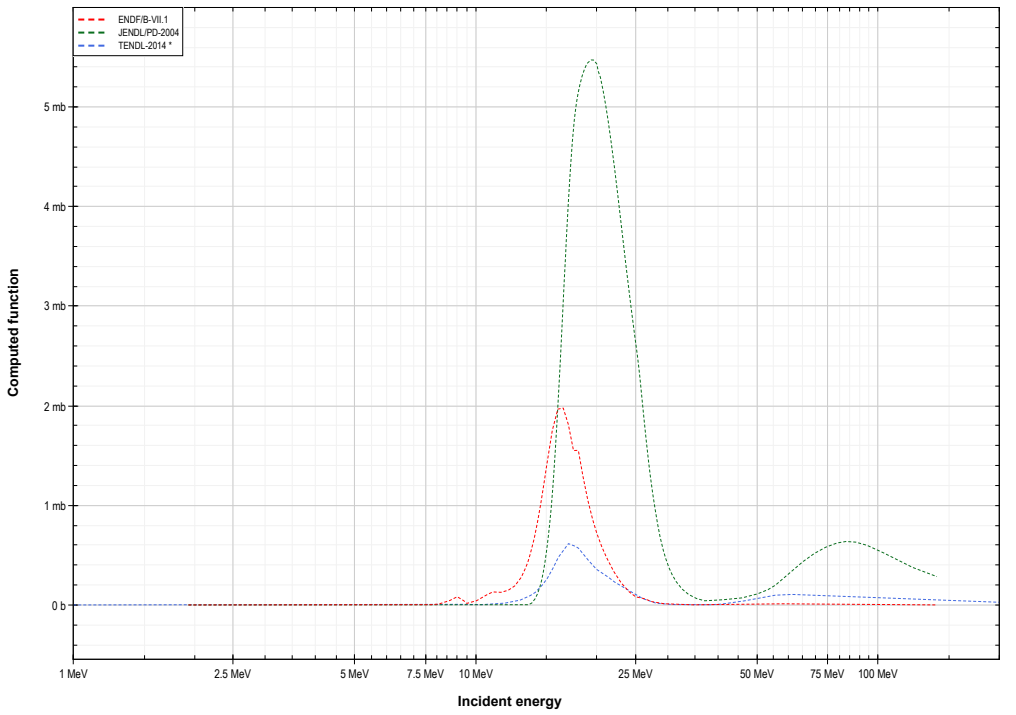
Reaction	Q-Value
Nb93(γ,4n)Nb89	-38843.57 keV

<< 40-Zr-96	**41-Nb-93**	68-Er-170 >>
<< MT37 (γ,4n)	**MT107 (γ,α) or MT5 (Y89 production)**	42-Mo-92 MT4 (γ,n) >>

Nb93 (γ,α) log-log



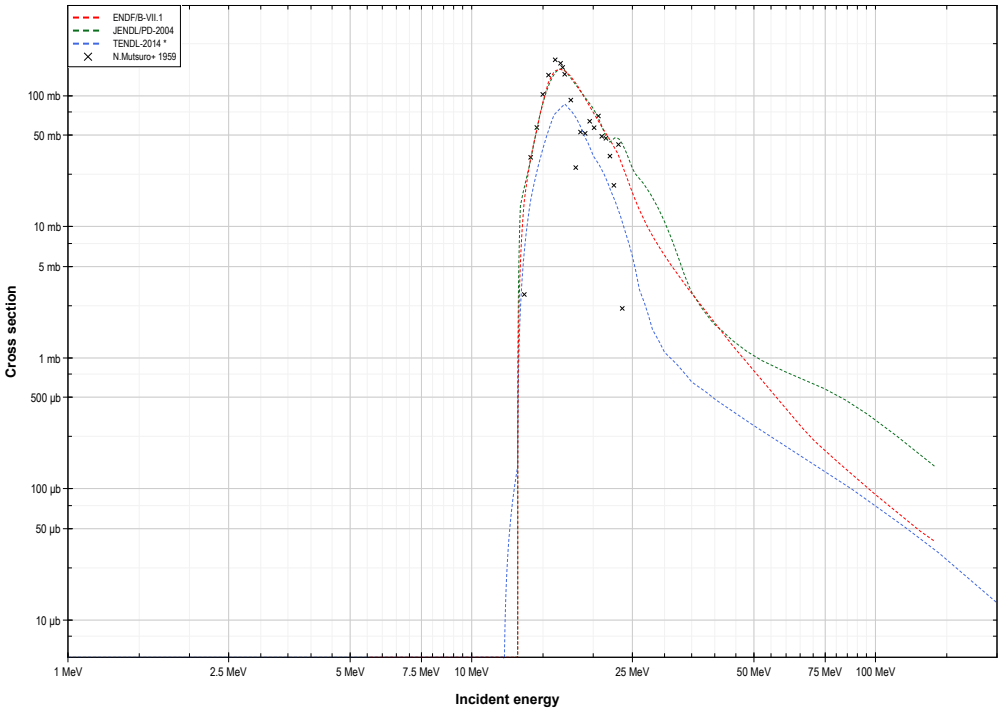
Nb93 (γ,α) lin-log



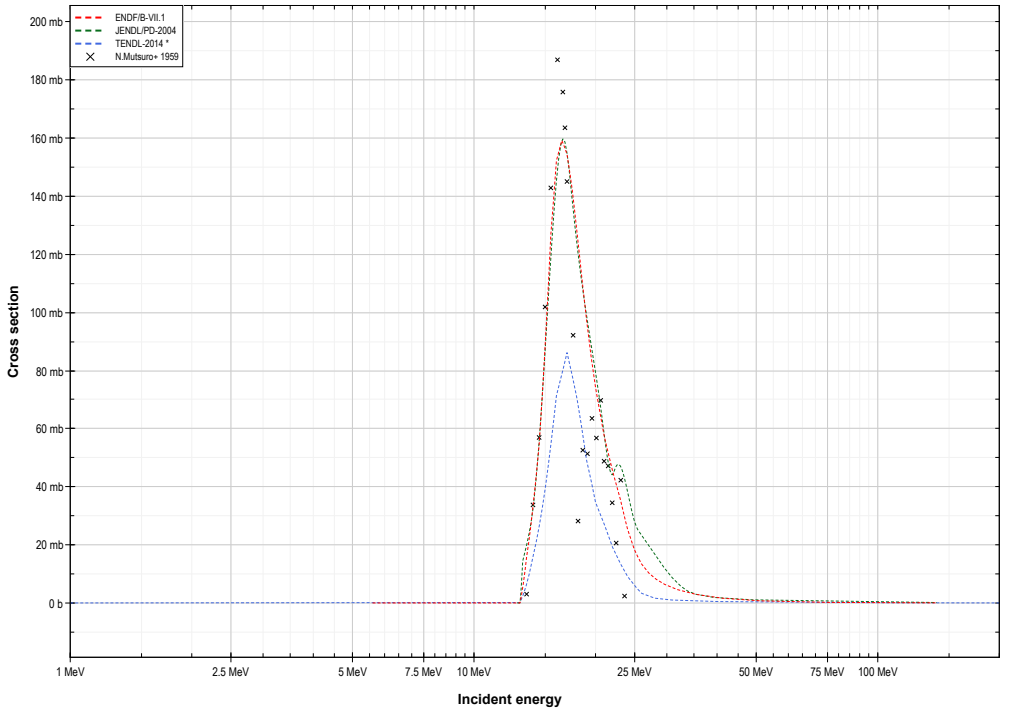
Reaction	Q-Value
Nb93(γ,α)Y89	-1931.52 keV
Nb93(γ,p+t)Y89	-21745.38 keV
Nb93(γ,n+He3)Y89	-22509.13 keV
Nb93(γ,2d)Y89	-25778.04 keV
Nb93(γ,n+p+d)Y89	-28002.61 keV
Nb93(γ,2n+2p)Y89	-30227.18 keV

<< 41-Nb-93	**42-Mo-92**	42-Mo-94 >>
<< 41-Nb-93 MT107 (γ,α)	**MT4 (γ,n) or MT5 (Mo91 production)**	42-Mo-94 MT4 (γ,n) >>

Mo92 (γ,n) log-log



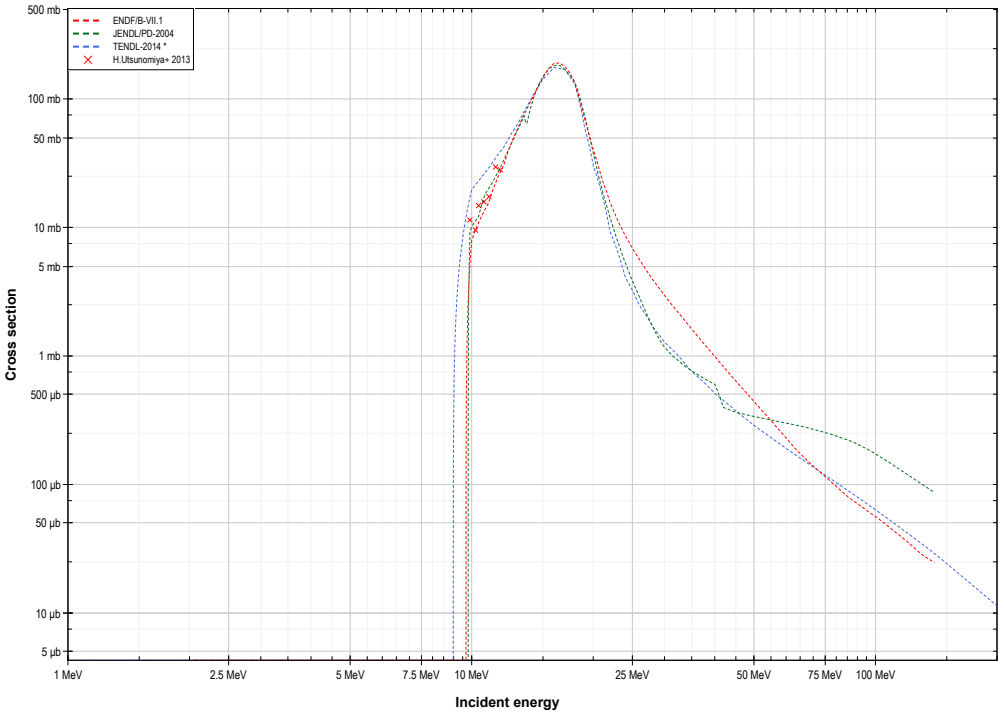
Mo92 (γ,n) lin-log



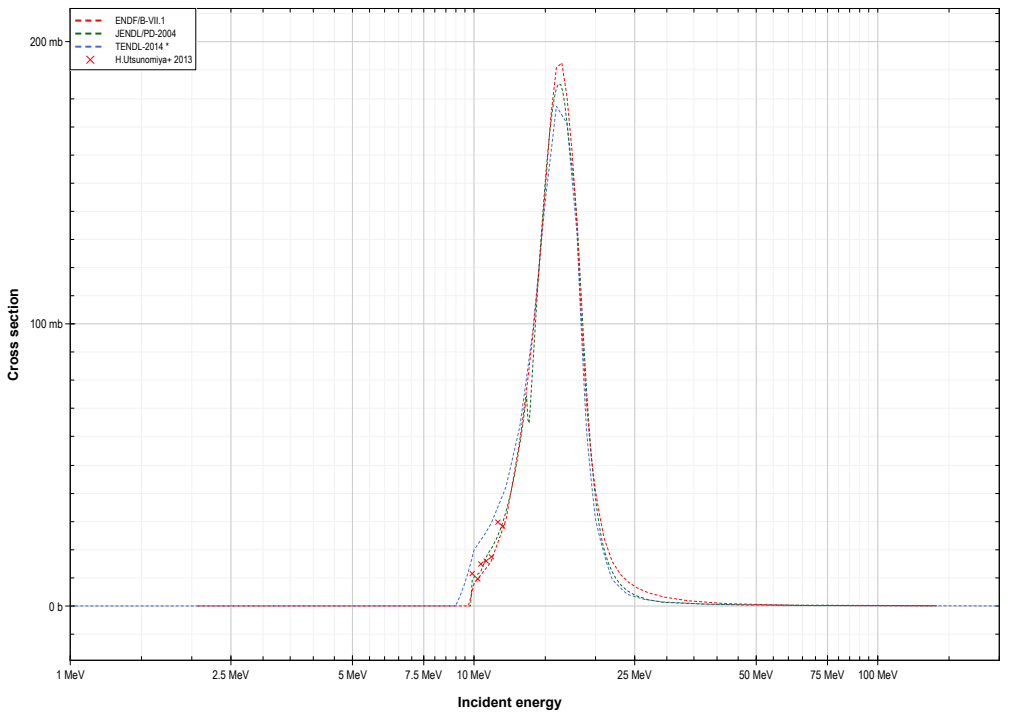
Reaction	Q-Value
Mo92(γ,n)Mo91	-12672.32 keV

<< 42-Mo-92	**42-Mo-94**	42-Mo-95 >>
<< 42-Mo-92 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Mo93 production)**	42-Mo-95 MT4 (γ,n) >>

Mo94 (γ,n) log-log



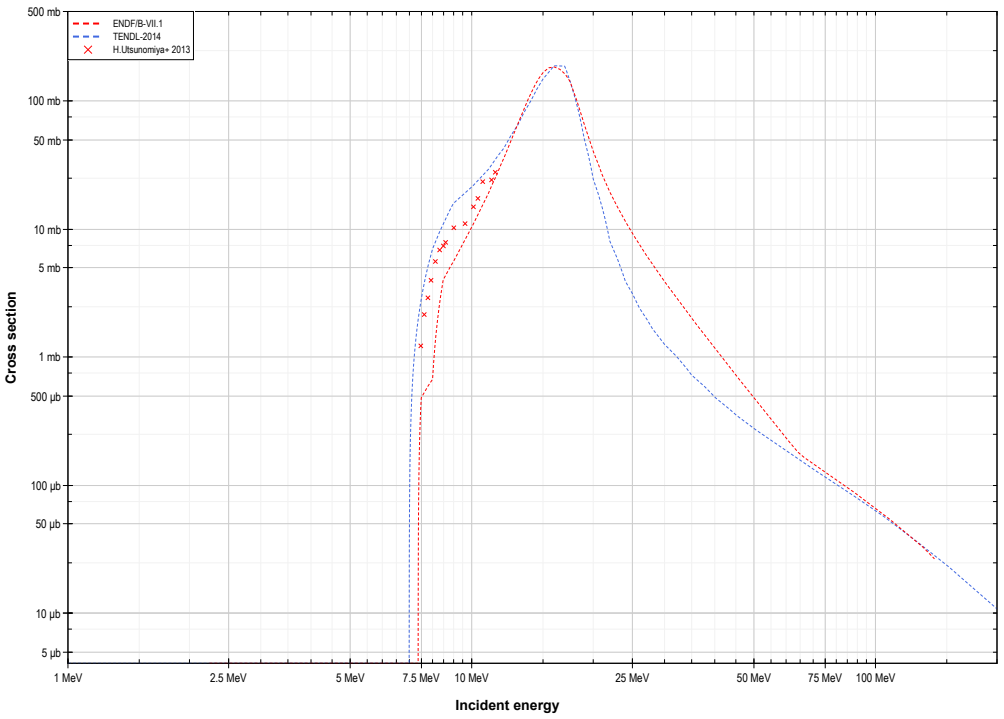
Mo94 (γ,n) lin-log



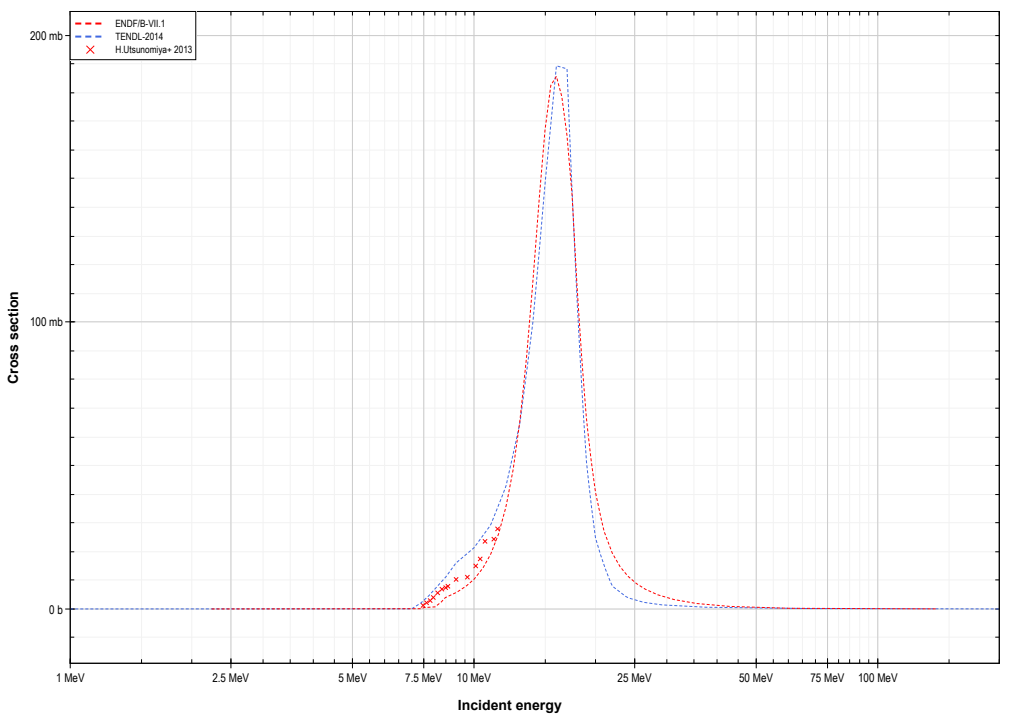
Reaction	Q-Value
Mo94(γ,n)Mo93	-9678.02 keV

<< 42-Mo-94	**42-Mo-95**	42-Mo-96 >>
<< 42-Mo-94 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Mo94 production)**	42-Mo-96 MT4 (γ,n) >>

Mo95 (γ,n) log-log



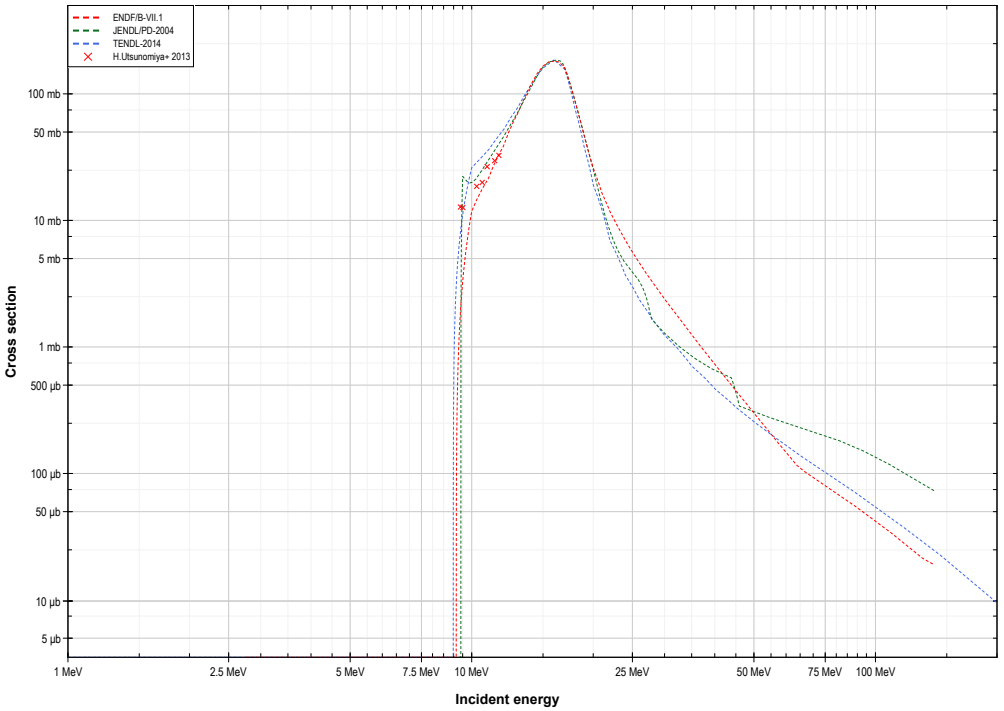
Mo95 (γ,n) lin-log



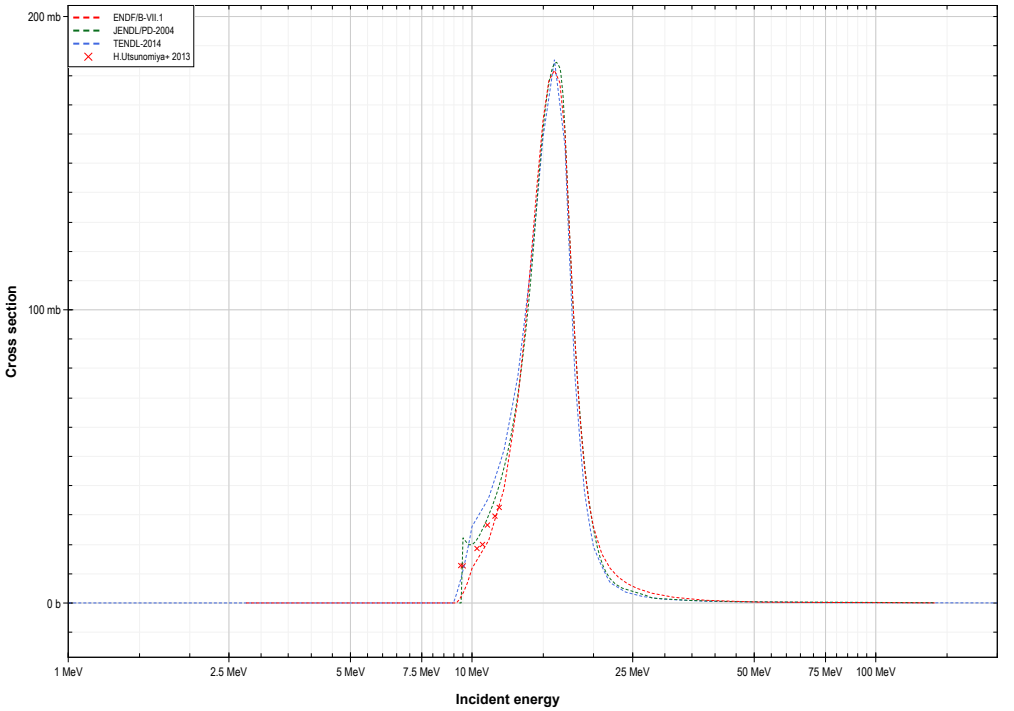
Reaction	Q-Value
Mo95(γ,n)Mo94	-7369.12 keV

<< 42-Mo-95	**42-Mo-96**	42-Mo-97 >>
<< 42-Mo-95 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Mo95 production)**	MT17 (γ,3n) >>

Mo96 (γ,n) log-log



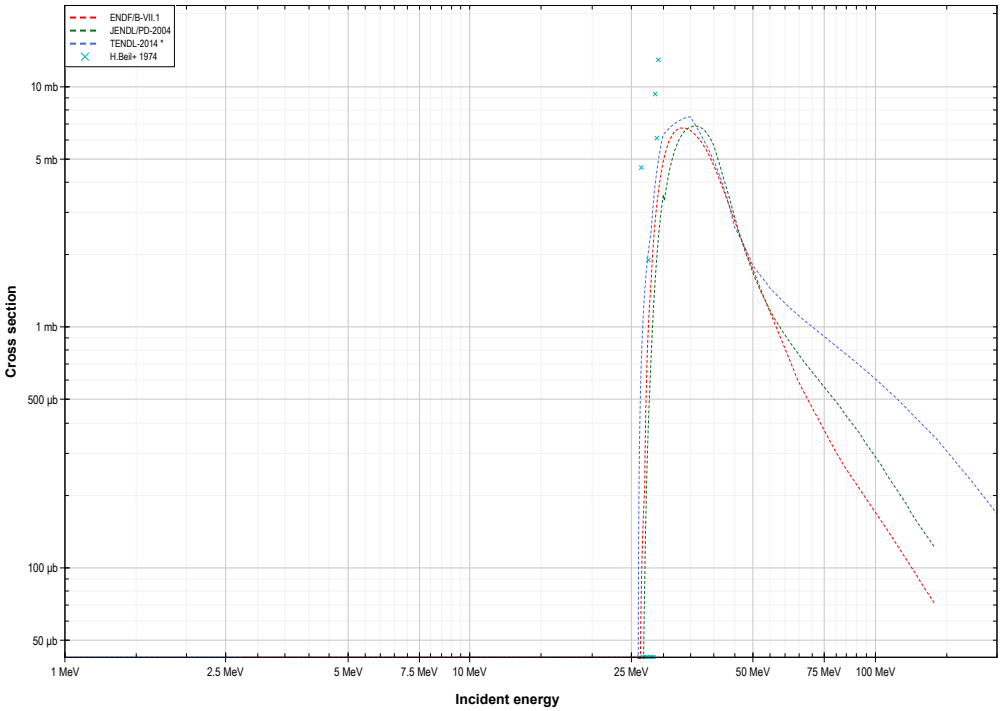
Mo96 (γ,n) lin-log



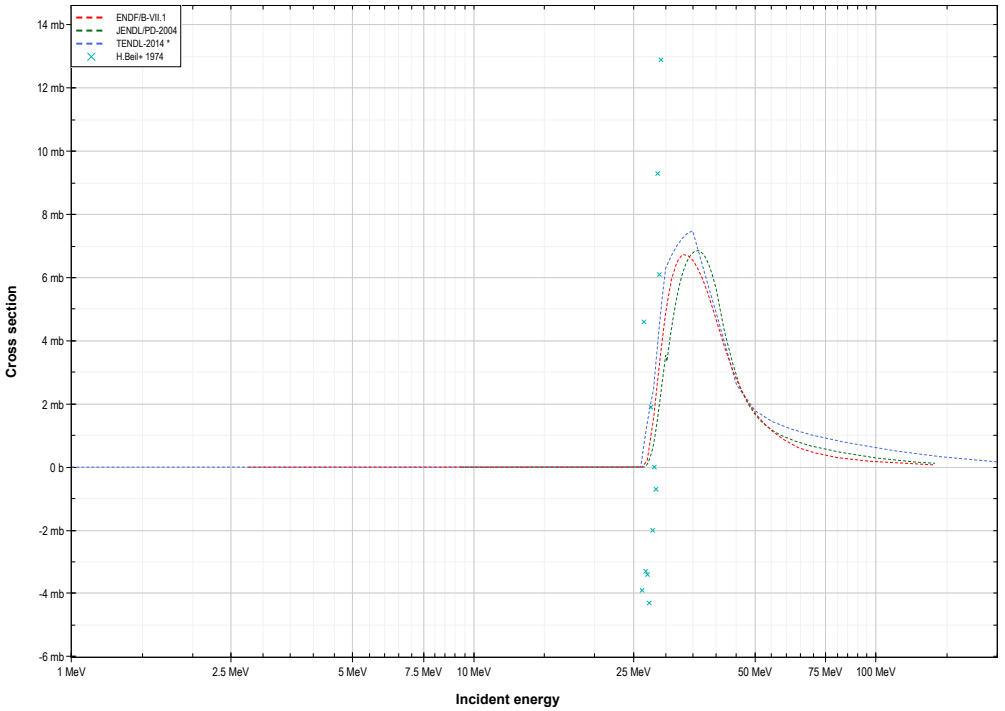
Reaction	Q-Value
Mo96(γ,n)Mo95	-9154.32 keV

<< 41-Nb-93	**42-Mo-96**	42-Mo-98 >>
<< MT4 (γ,n)	**MT17 (γ,3n) or MT5 (Mo93 production)**	42-Mo-97 MT4 (γ,n) >>

Mo96 (γ,3n) log-log



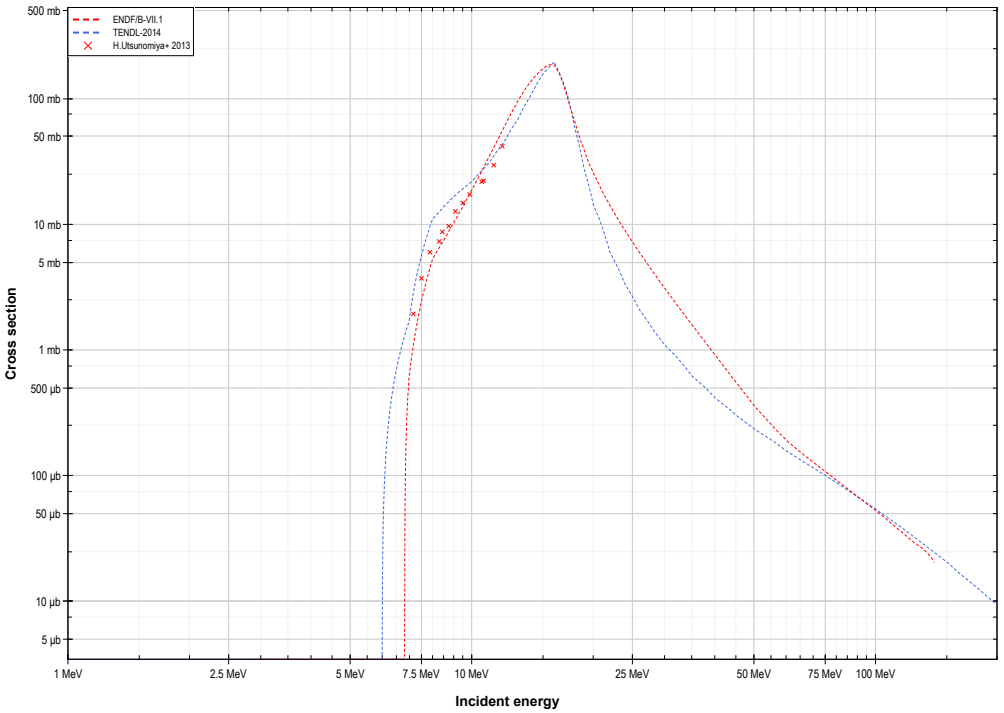
Mo96 (γ,3n) lin-log



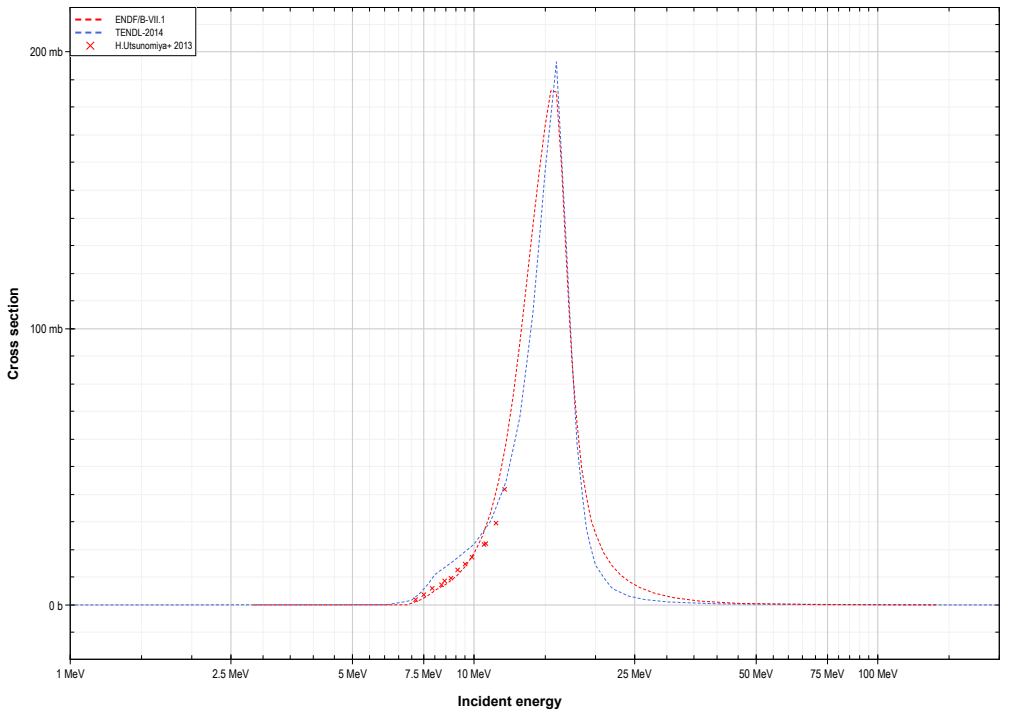
Reaction	Q-Value
Mo96(γ,3n)Mo93	-26201.45 keV

<< 42-Mo-96	**42-Mo-97**	42-Mo-98 >>
<< 42-Mo-96 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Mo96 production)**	42-Mo-98 MT4 (γ,n) >>

Mo97 (γ,n) log-log



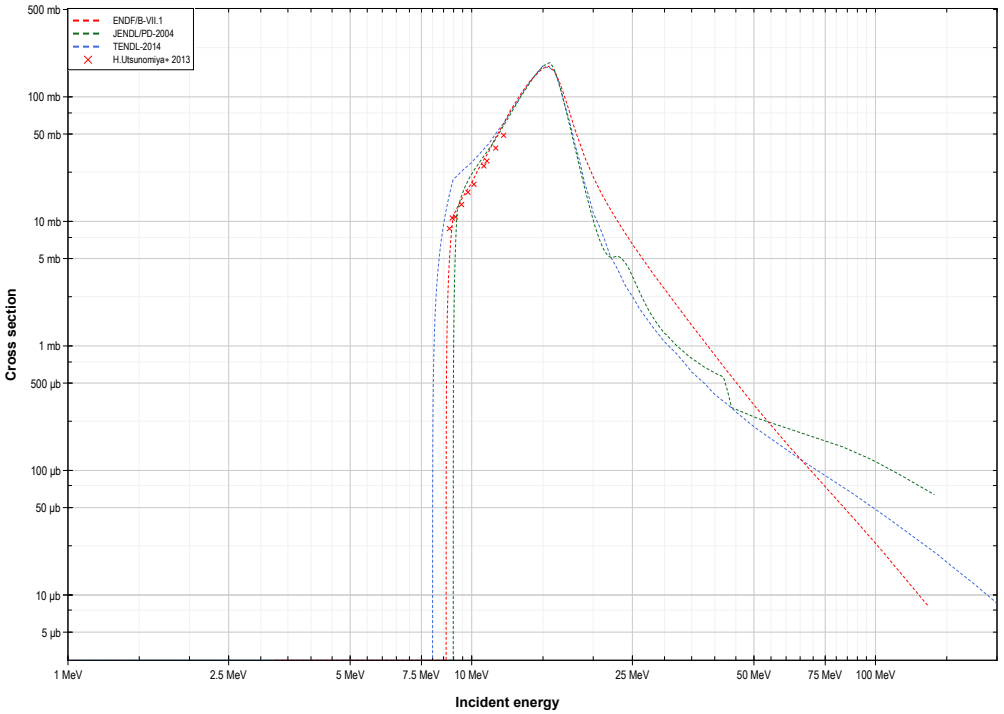
Mo97 (γ,n) lin-log



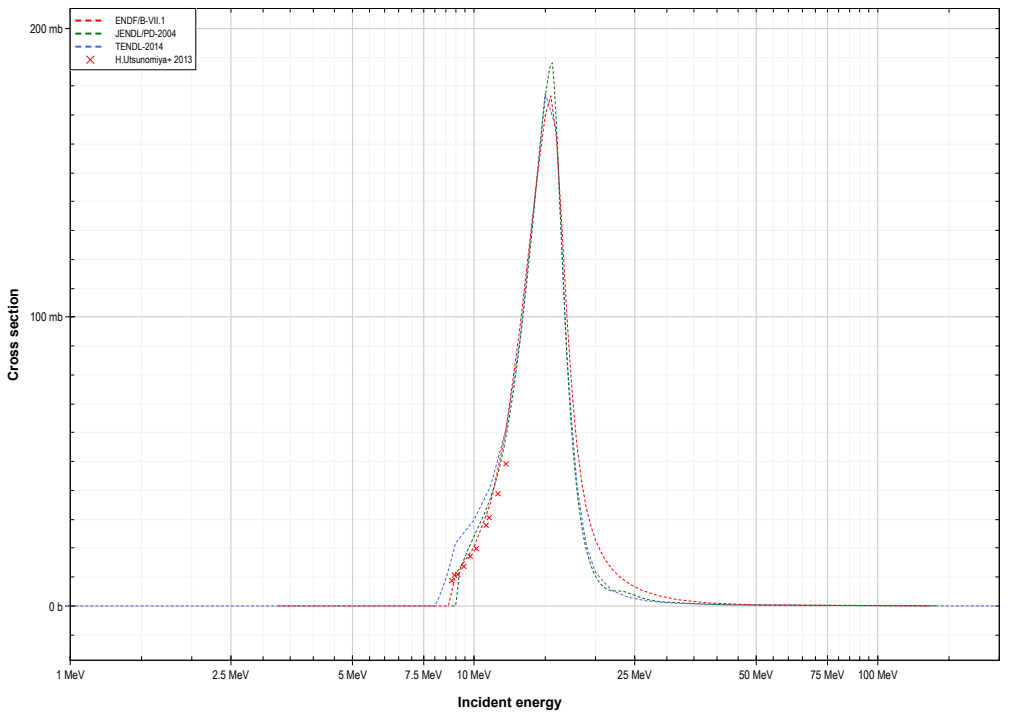
Reaction	Q-Value
Mo97(γ,n)Mo96	-6821.22 keV

<< 42-Mo-97	**42-Mo-98**	42-Mo-100 >>
<< 42-Mo-97 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Mo97 production)**	MT17 (γ,3n) >>

Mo98 (γ,n) log-log



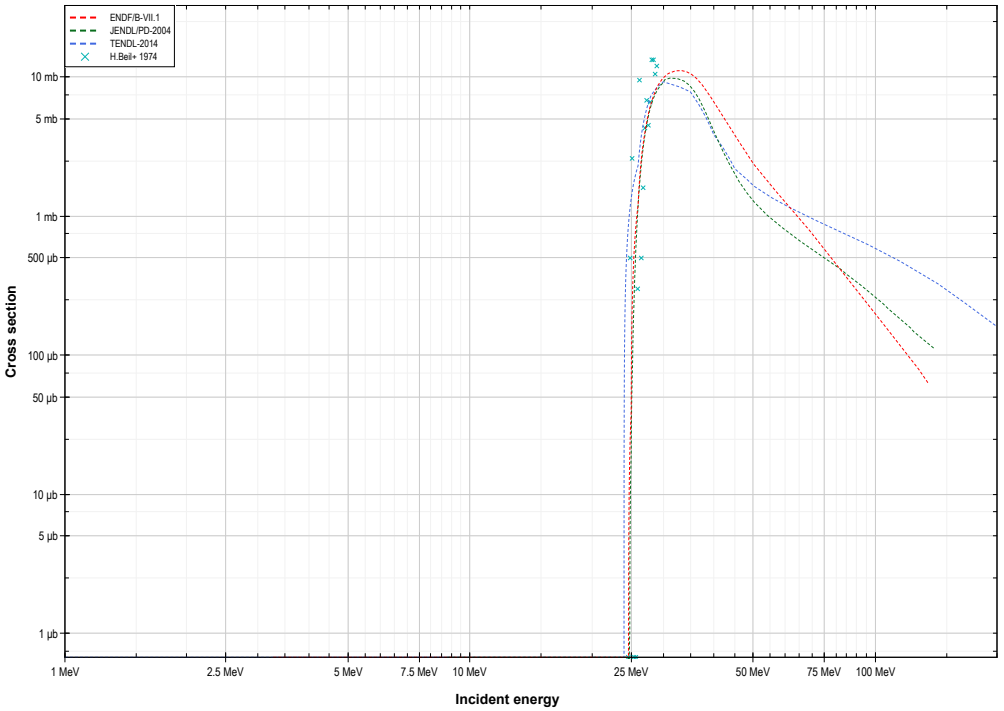
Mo98 (γ,n) lin-log



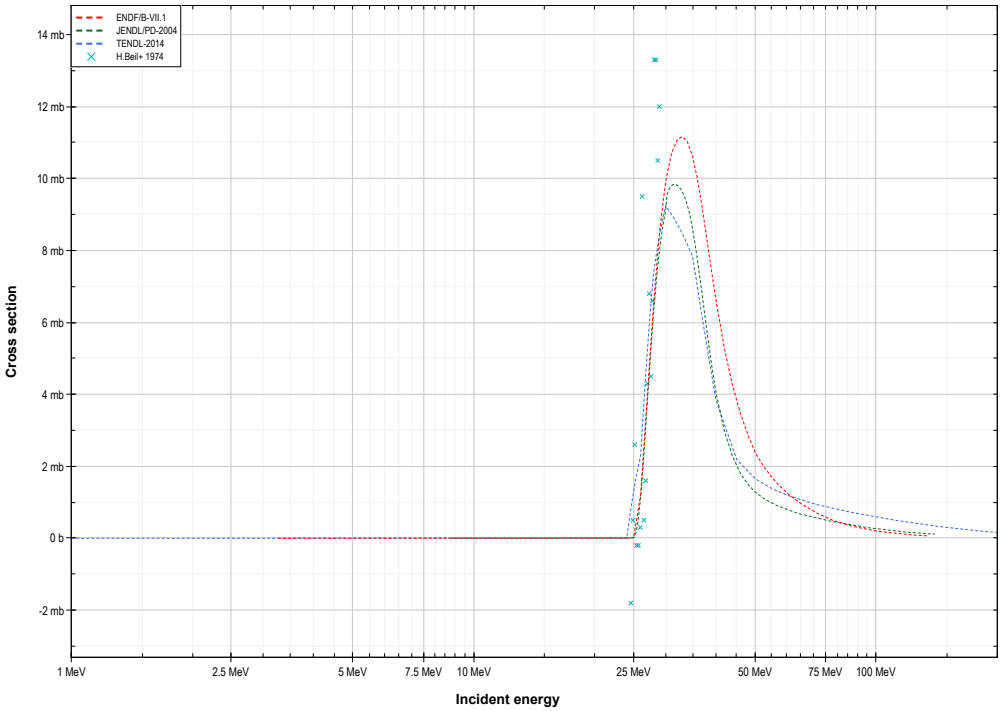
Reaction	Q-Value
Mo98(γ,n)Mo97	-8642.62 keV

<< 42-Mo-96	**42-Mo-98**	42-Mo-100 >>
<< MT4 (γ,n)	**MT17 (γ,3n) or MT5 (Mo95 production)**	42-Mo-100 MT4 (γ,n) >>

Mo98 (γ,3n) log-log



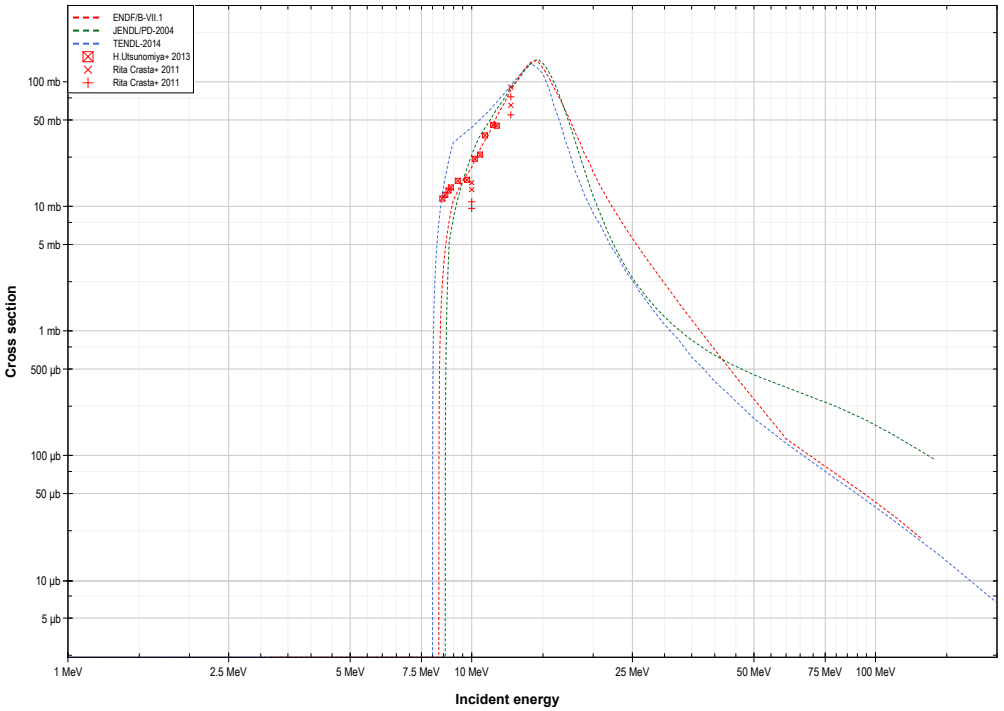
Mo98 (γ,3n) lin-log



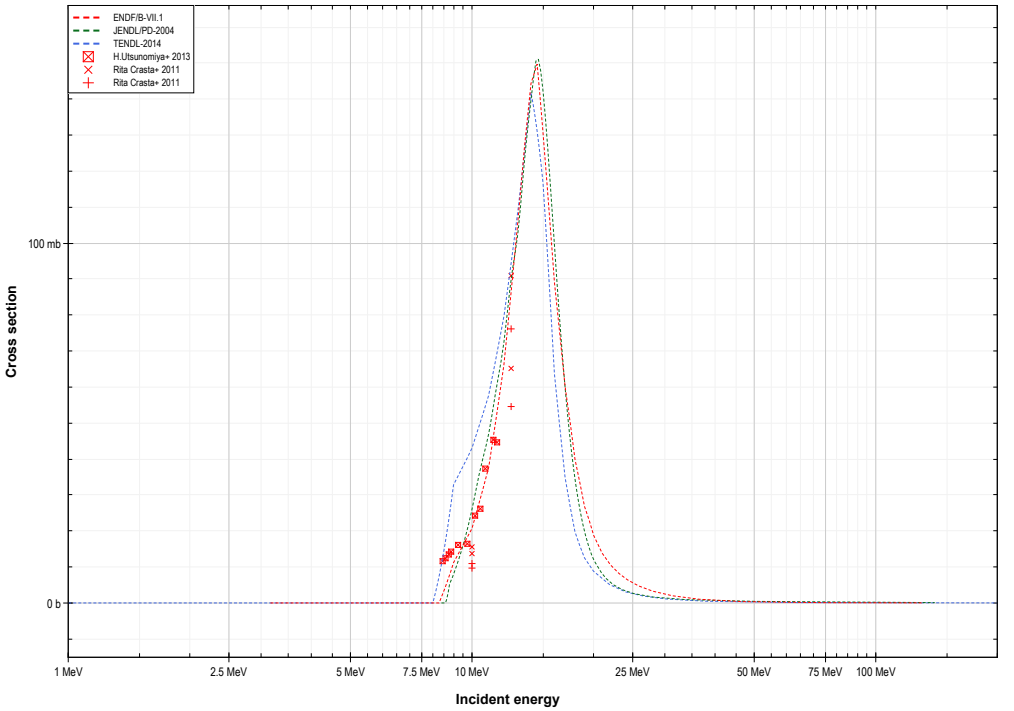
Reaction	Q-Value
Mo98(γ,3n)Mo95	-24618.15 keV

<< 42-Mo-98	**42-Mo-100**	46-Pd-105 >>
<< 42-Mo-98 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Mo99 production)**	MT17 (γ,3n) >>

Mo100 (γ,n) log-log



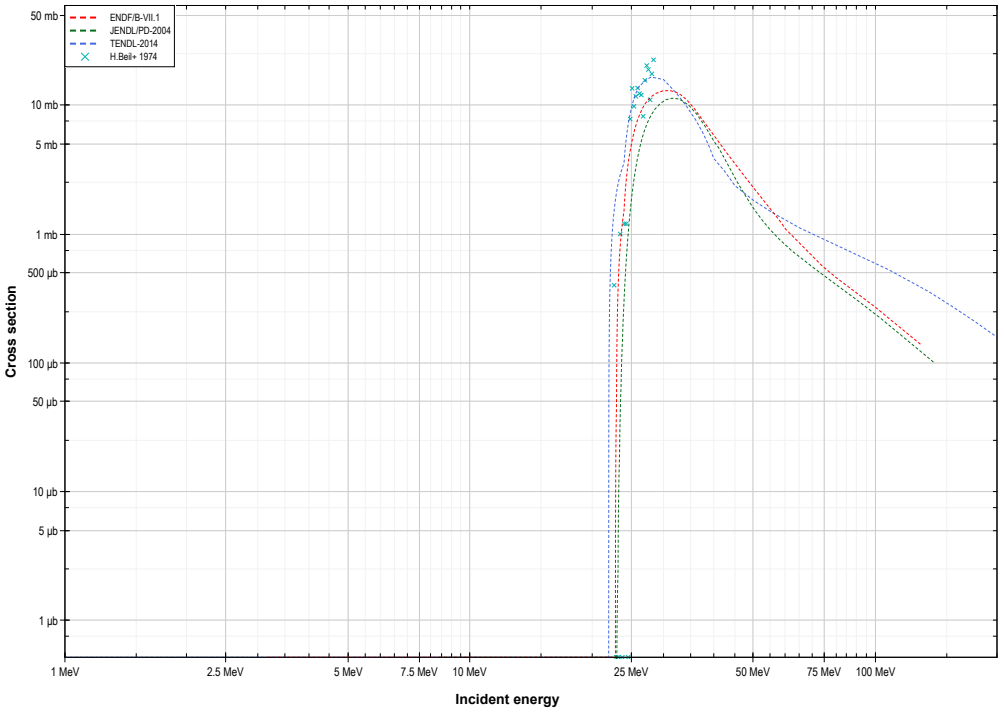
Mo100 (γ,n) lin-log



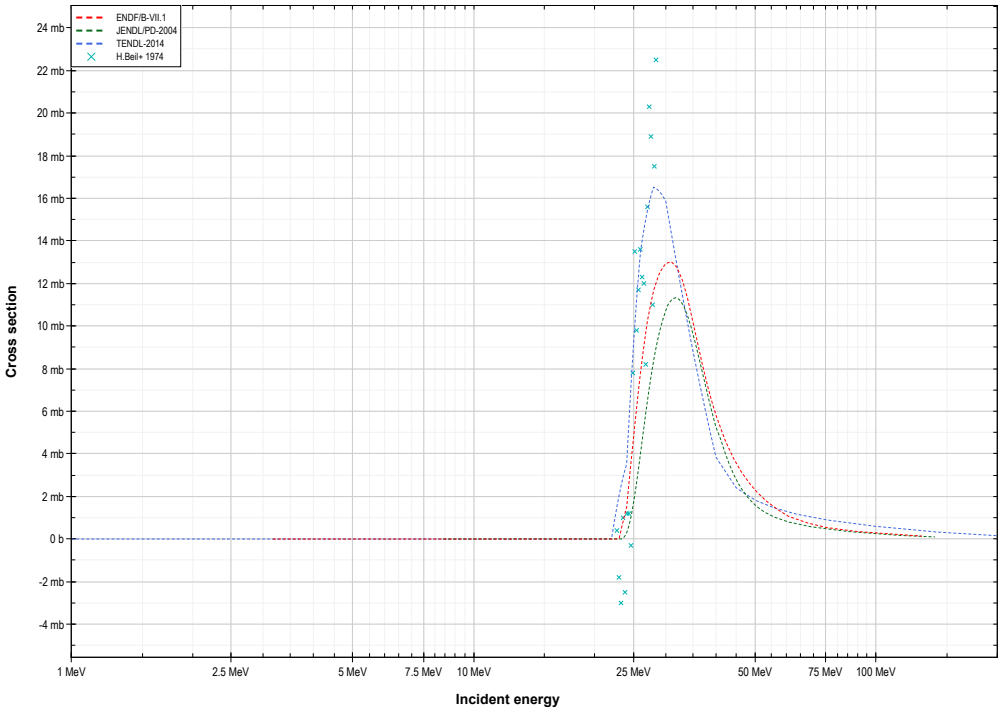
Reaction	Q-Value
Mo100(γ,n)Mo99	-8289.52 keV

<< 42-Mo-98	**42-Mo-100**	43-Tc-99 >>
<< MT4 (γ,n)	**MT17 (γ,3n) or MT5 (Mo97 production)**	43-Tc-99 MT17 (γ,3n) >>

Mo100 (γ,3n) log-log



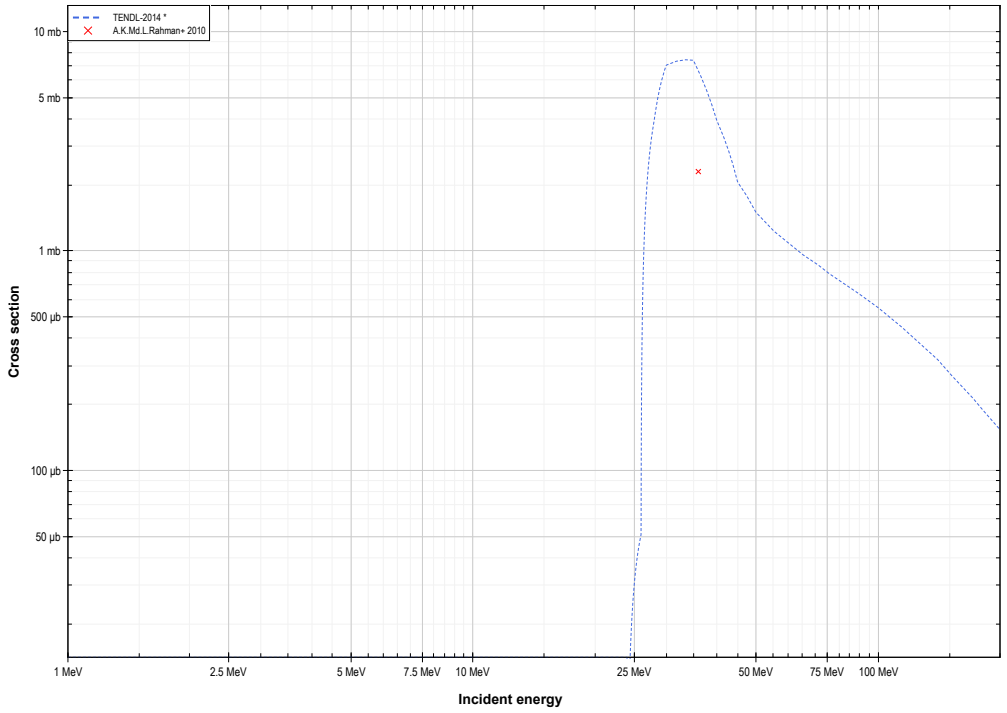
Mo100 (γ,3n) lin-log



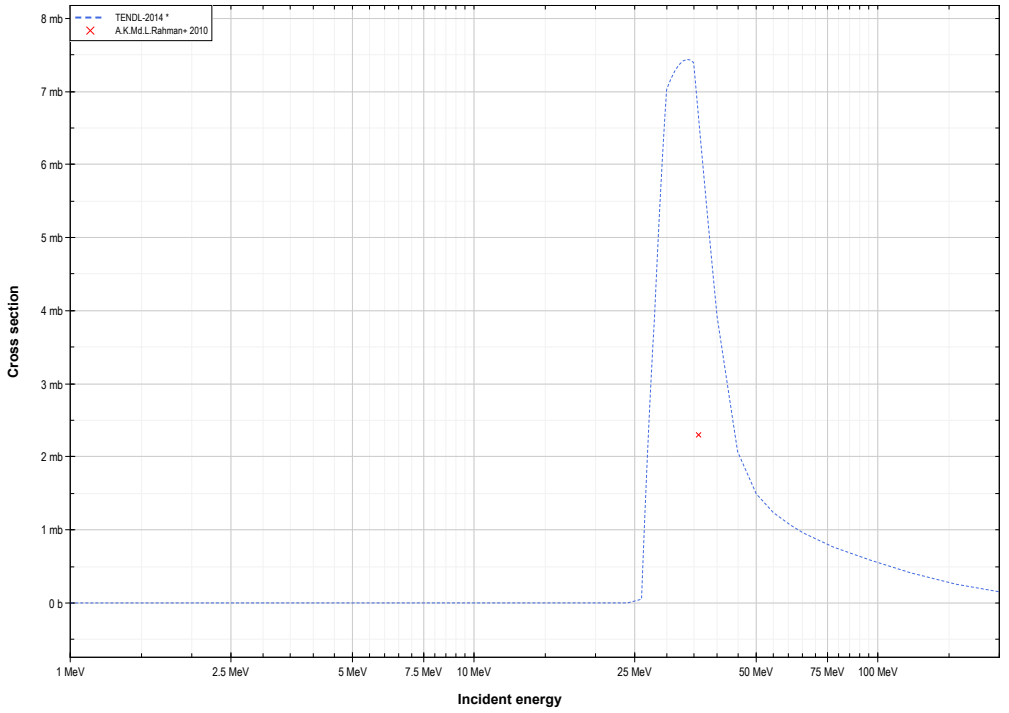
Reaction	Q-Value
Mo100(γ,3n)Mo97	-22857.55 keV

<< 42-Mo-100	**43-Tc-99**	49-In-115 >>
<< 42-Mo-100 MT17 (γ,3n)	**MT17 (γ,3n) or MT5 (Tc96 production)**	45-Rh-103 MT16 (γ,2n) >>

Tc99 (γ,3n) log-log



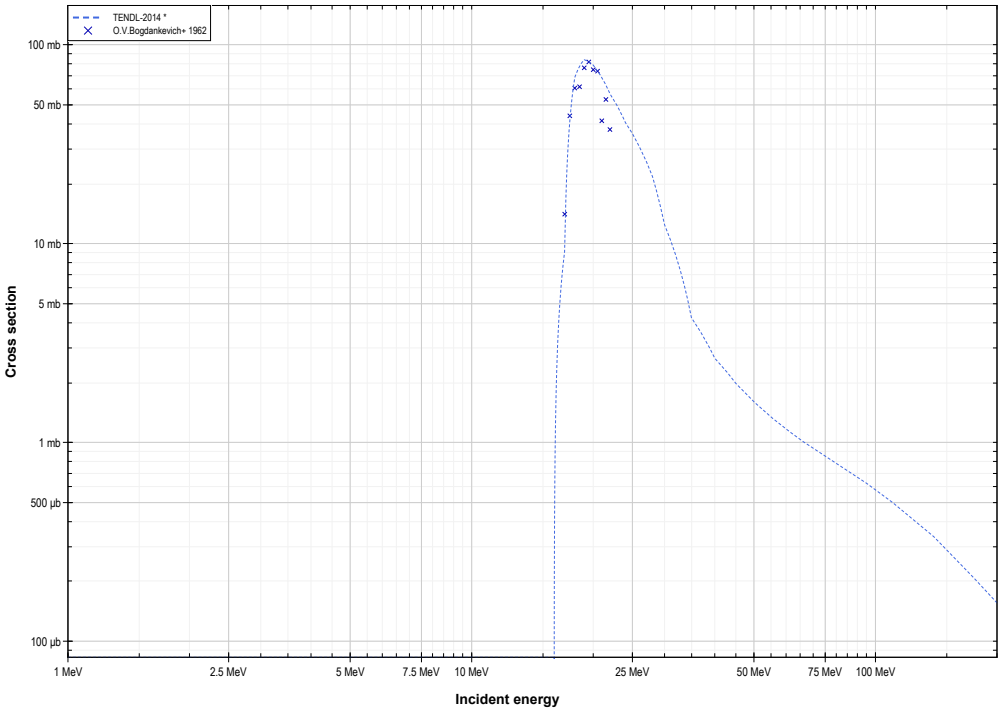
Tc99 (γ,3n) lin-log



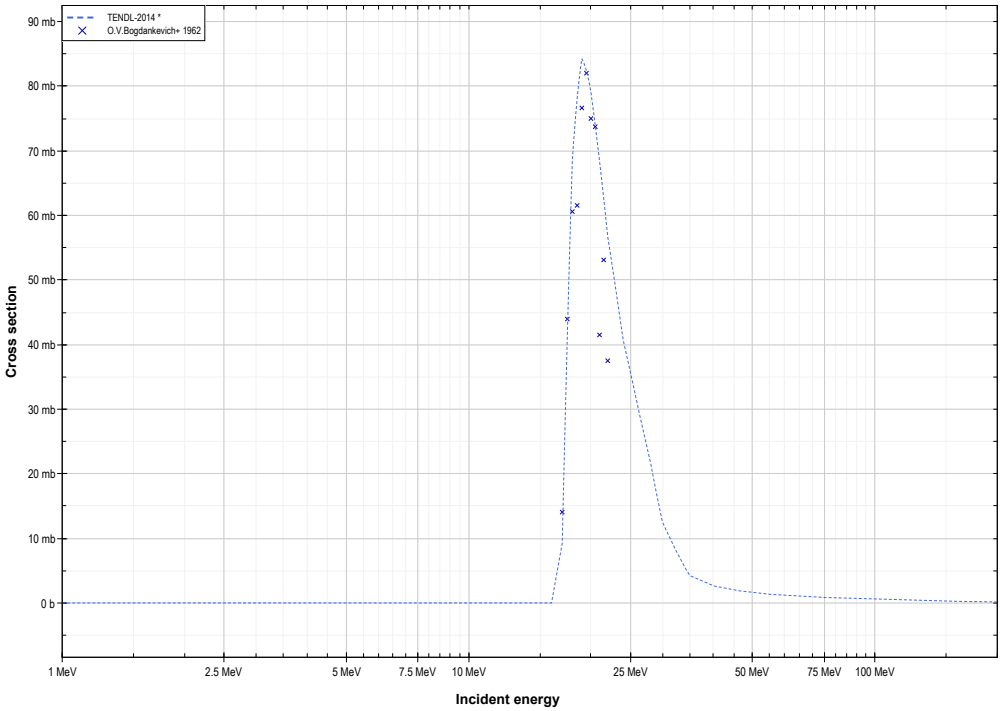
Reaction	Q-Value
Tc99(γ,3n)Tc96	-25720.05 keV

<< 40-Zr-90	**45-Rh-103**	47-Ag-107 >>
<< 43-Tc-99 MT17 (γ,3n)	**MT16 (γ,2n) or MT5 (Rh101 production)**	MT103 (γ,p) >>

Rh103 (γ,2n) log-log



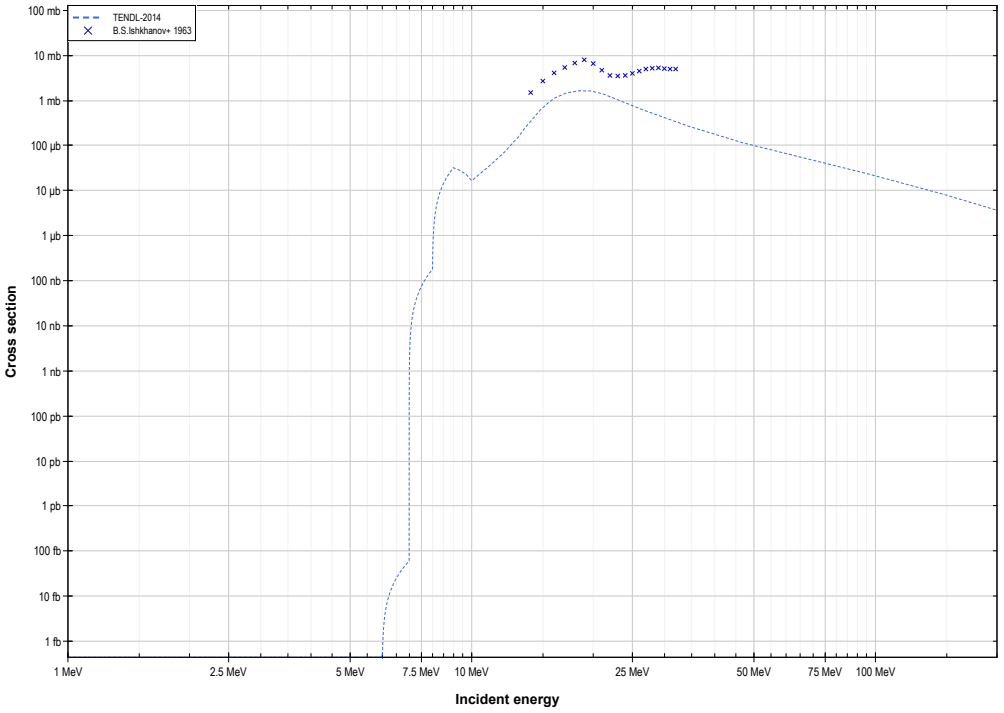
Rh103 (γ,2n) lin-log



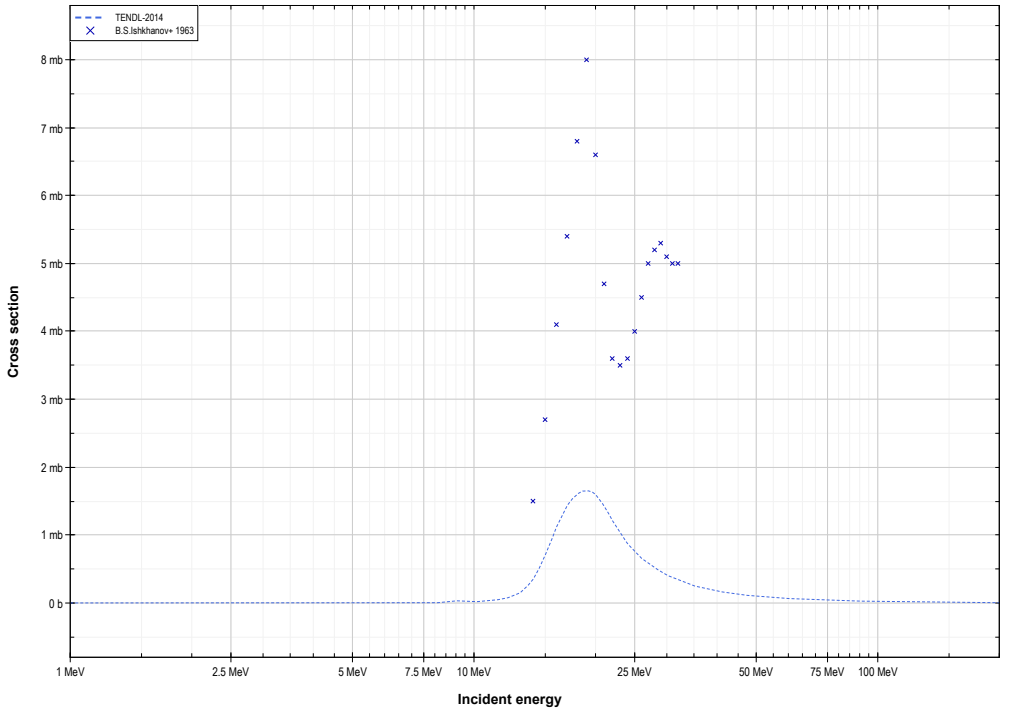
Reaction	Q-Value
Rh103(γ,2n)Rh101	-16756.83 keV

<< 40-Zr-90	**45-Rh-103**	46-Pd-108 >>
<< MT16 (γ,2n)	**MT103 (γ,p) or MT5 (Ru102 production)**	46-Pd-105 MT4 (γ,n) >>

Rh103 (γ,p) log-log



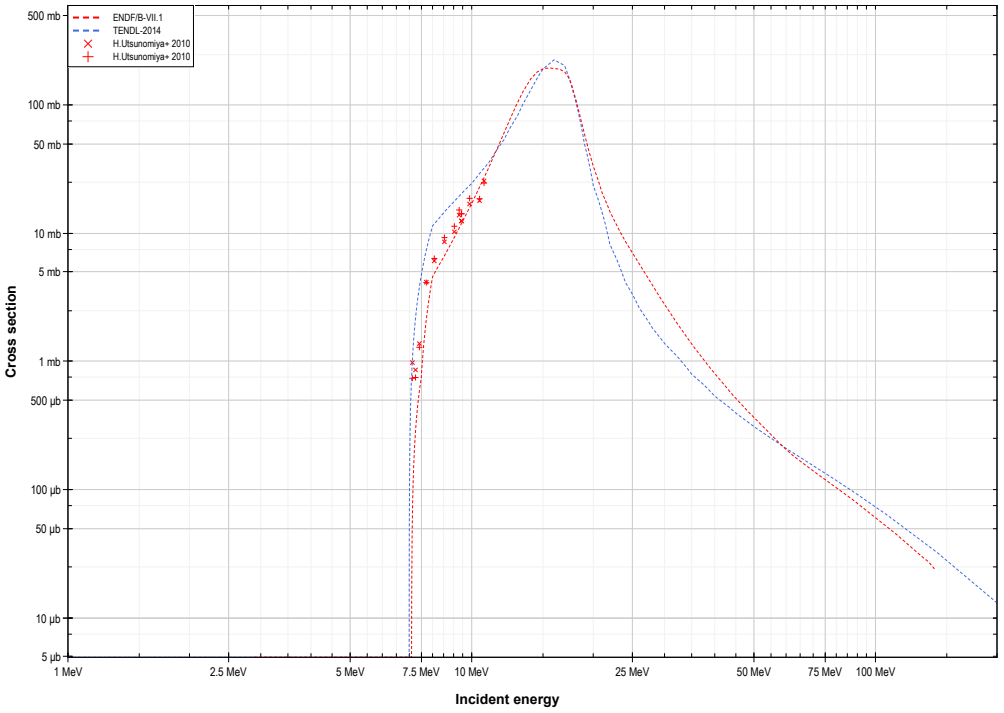
Rh103 (γ,p) lin-log



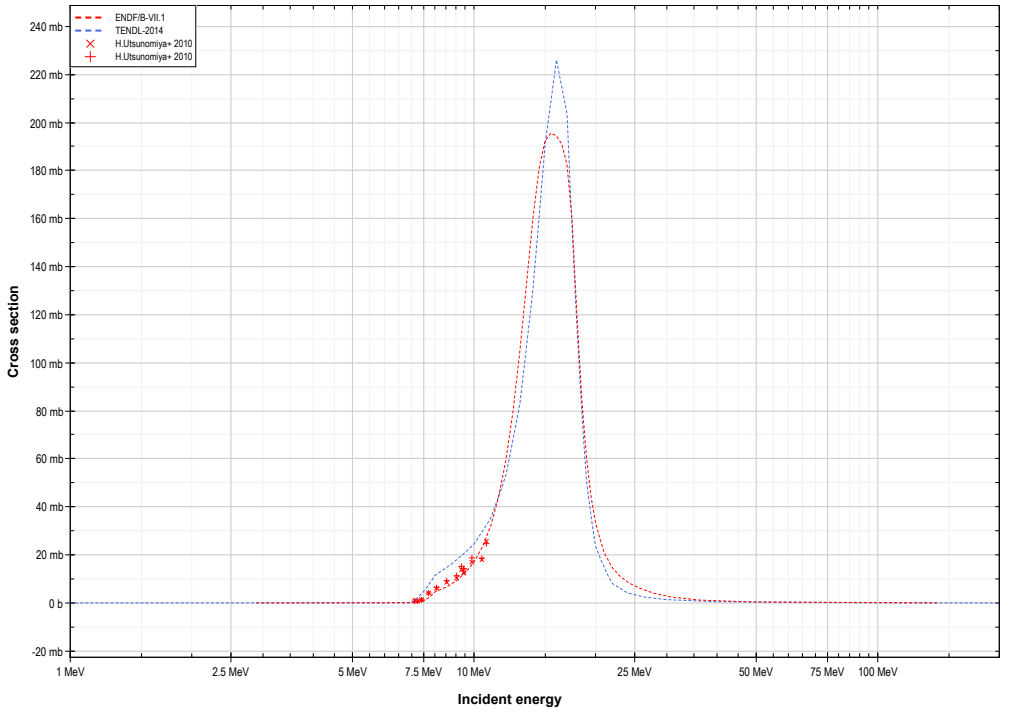
Reaction	Q-Value
Rh103(γ,p)Ru102	-6213.17 keV

<< 42-Mo-100	**46-Pd-105**	46-Pd-106 >>
<< 45-Rh-103 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Pd104 production)**	46-Pd-106 MT4 (γ,n) >>

Pd105 (γ,n) log-log



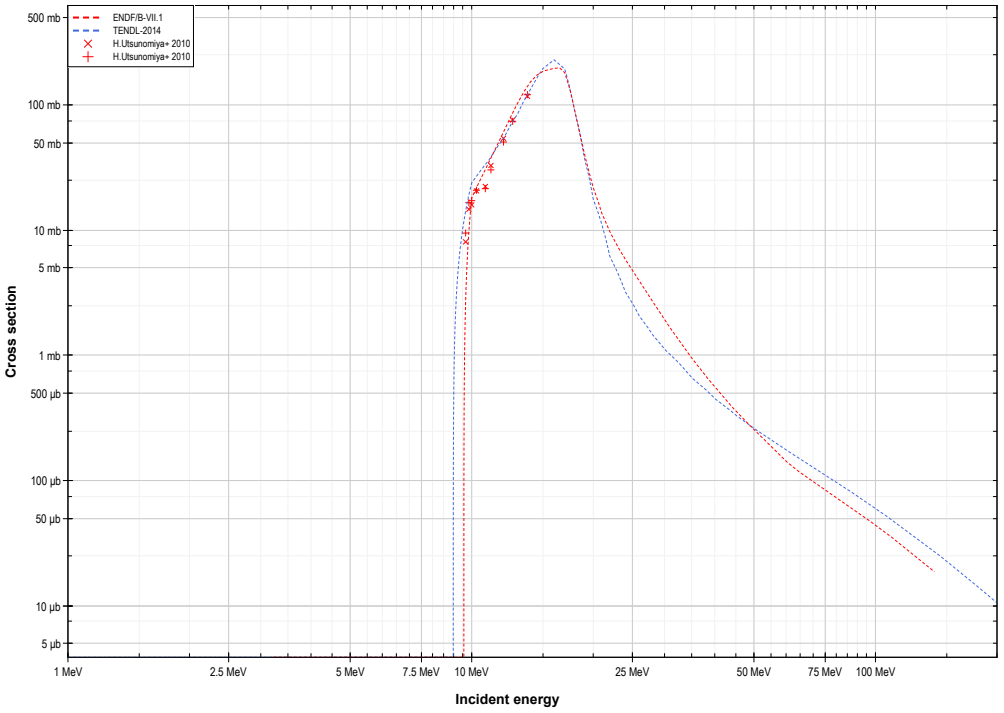
Pd105 (γ,n) lin-log



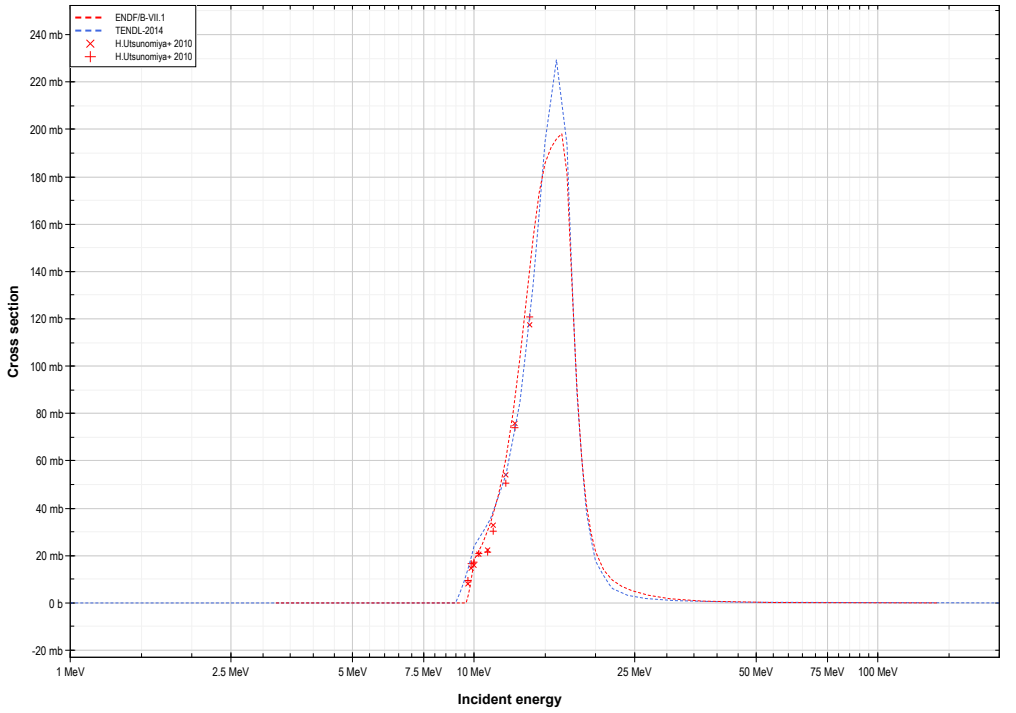
Reaction	Q-Value
Pd105(γ,n)Pd104	-7094.32 keV

<< 46-Pd-105	**46-Pd-106**	46-Pd-108 >>
<< 46-Pd-105 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Pd105 production)**	46-Pd-108 MT4 (γ,n) >>

Pd106 (γ,n) log-log



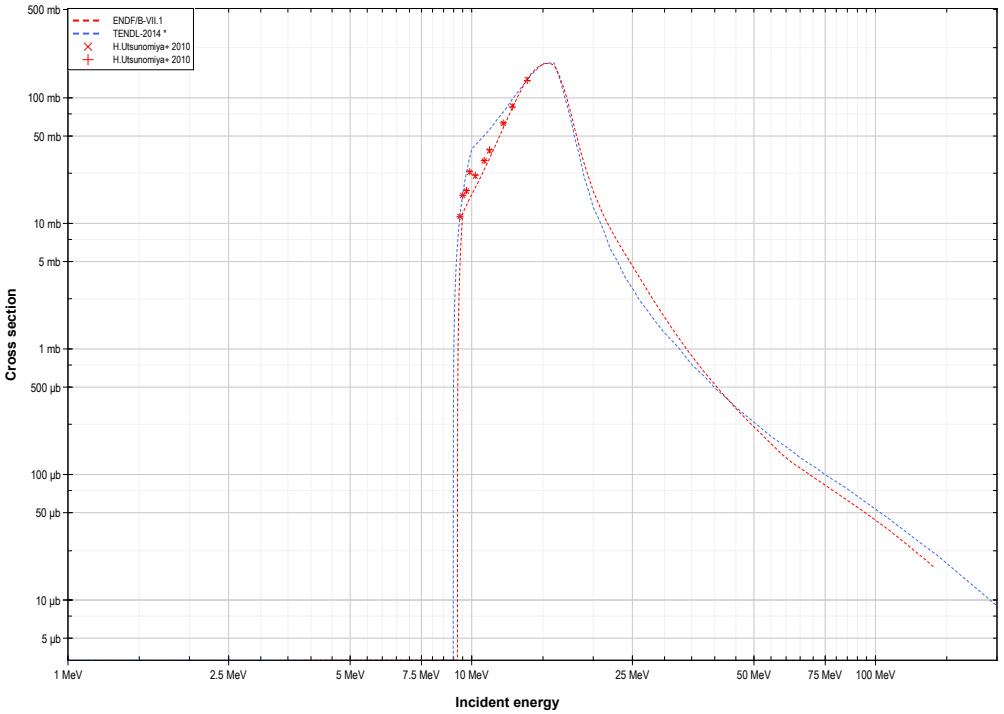
Pd106 (γ,n) lin-log



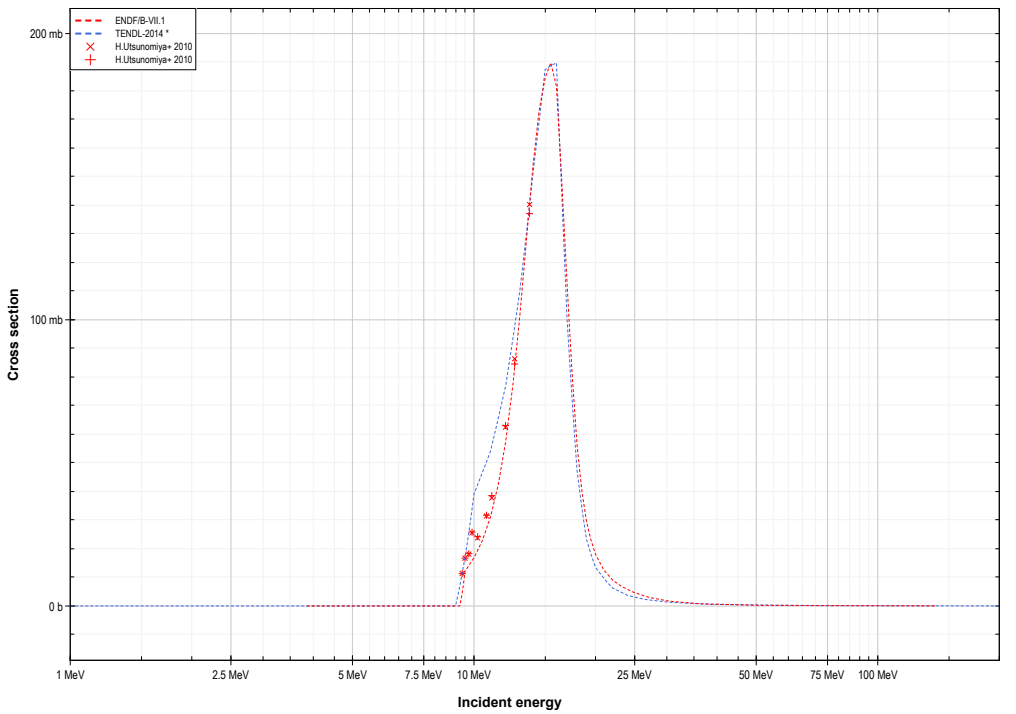
Reaction	Q-Value
Pd106(γ,n)Pd105	-9560.32 keV

<< 46-Pd-106	**46-Pd-108**	46-Pd-110 >>
<< 46-Pd-106 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Pd107 production)**	MT103 (γ,p) >>

Pd108 (γ,n) log-log



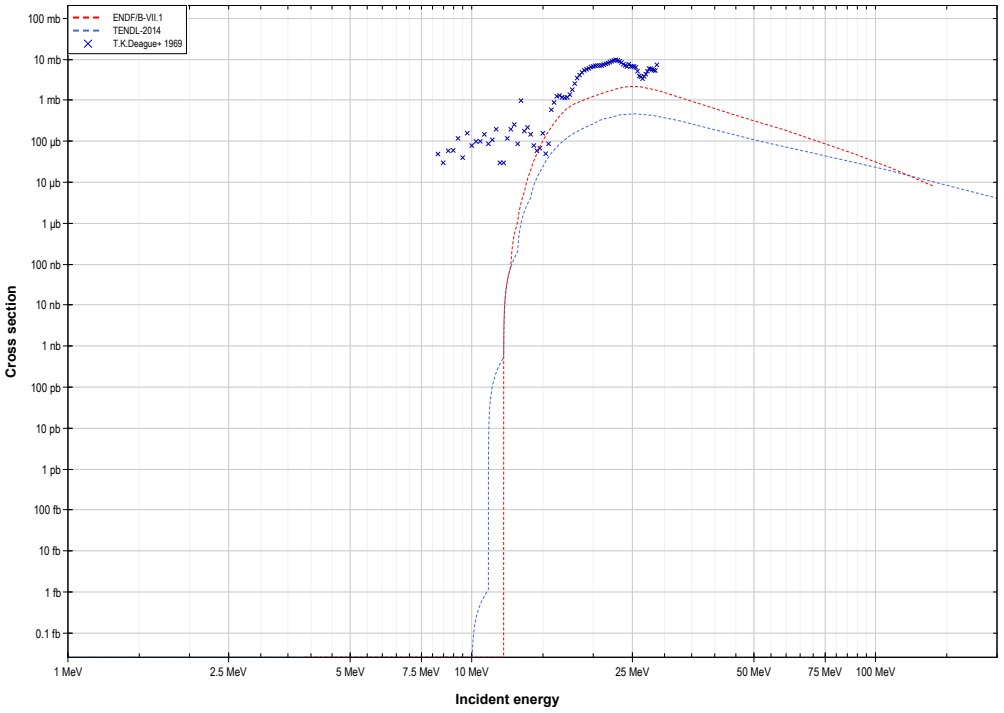
Pd108 (γ,n) lin-log



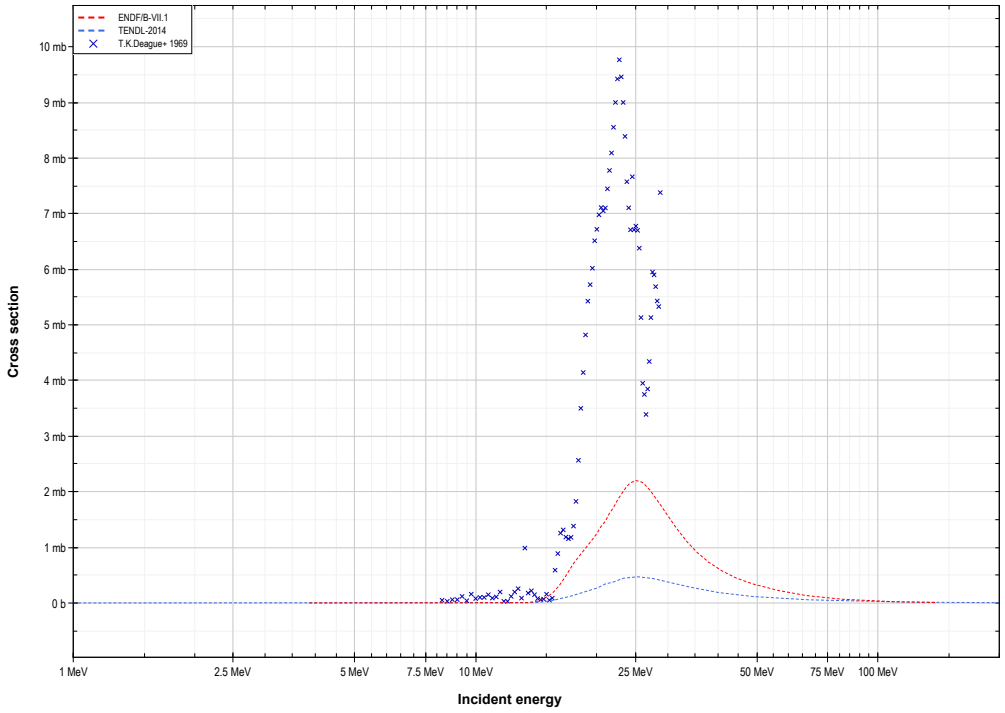
Reaction	Q-Value
Pd108(γ,n)Pd107	-9227.32 keV

<< 45-Rh-103	**46-Pd-108**	50-Sn-118 >>
<< MT4 (γ,n)	**MT103 (γ,p) or MT5 (Rh107 production)**	46-Pd-110 MT4 (γ,n) >>

Pd108 (γ,p) log-log



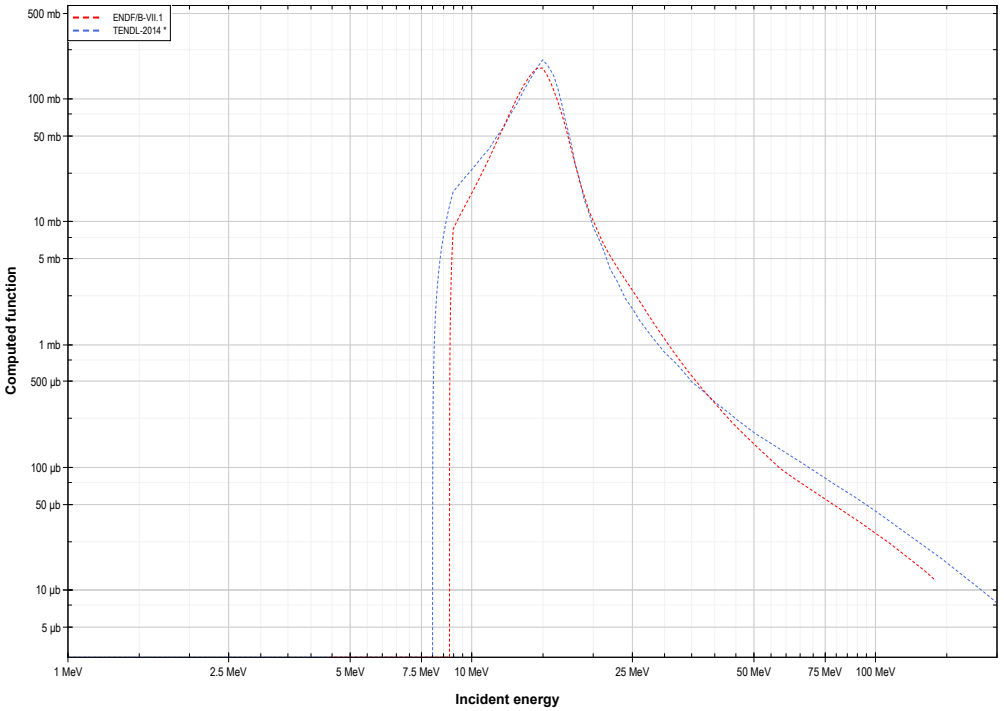
Pd108 (γ,p) lin-log



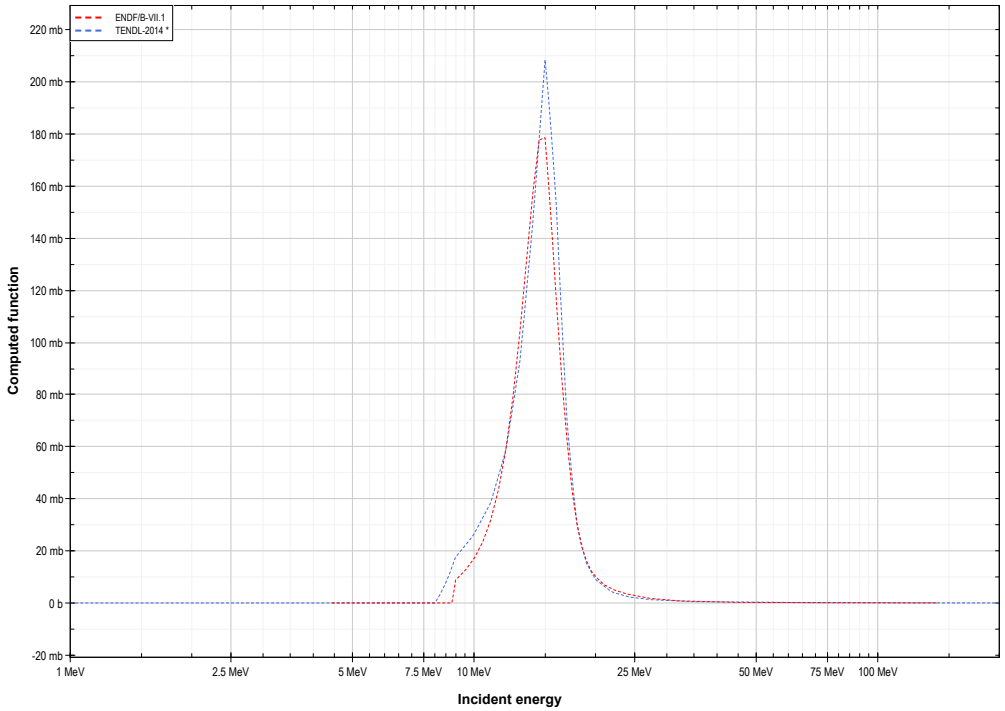
Reaction	Q-Value
Pd108(γ,p)Rh107	-9949.97 keV

<< 46-Pd-108	**46-Pd-110**	47-Ag-107 >>
<< 46-Pd-108 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Pd109 production)**	47-Ag-107 MT4 (γ,n) >>

Pd110 (γ,n) log-log



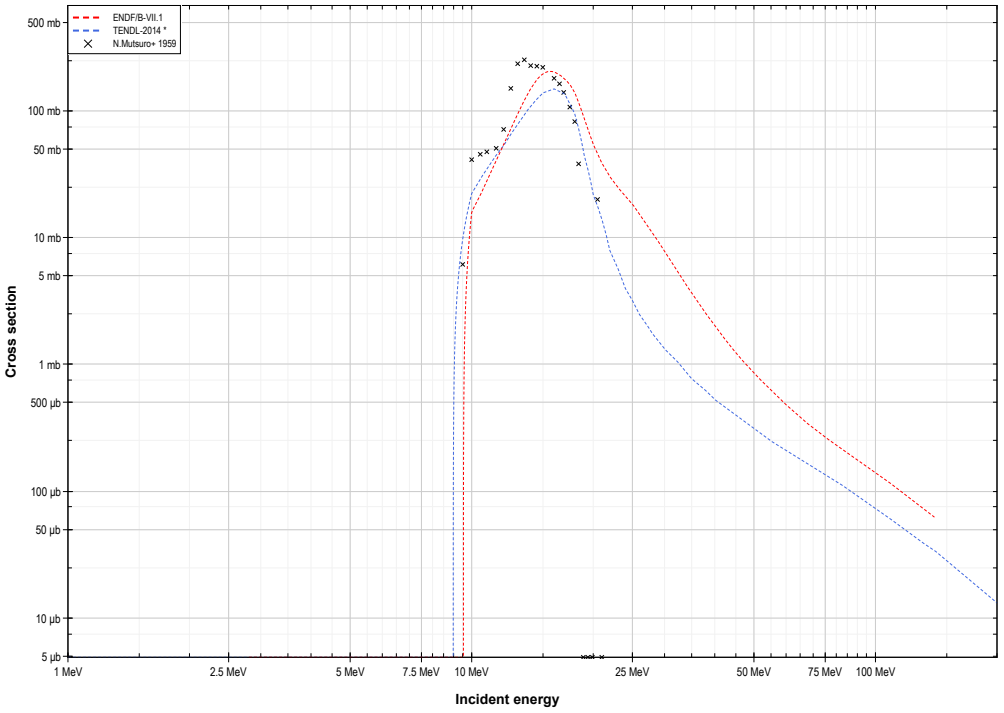
Pd110 (γ,n) lin-log



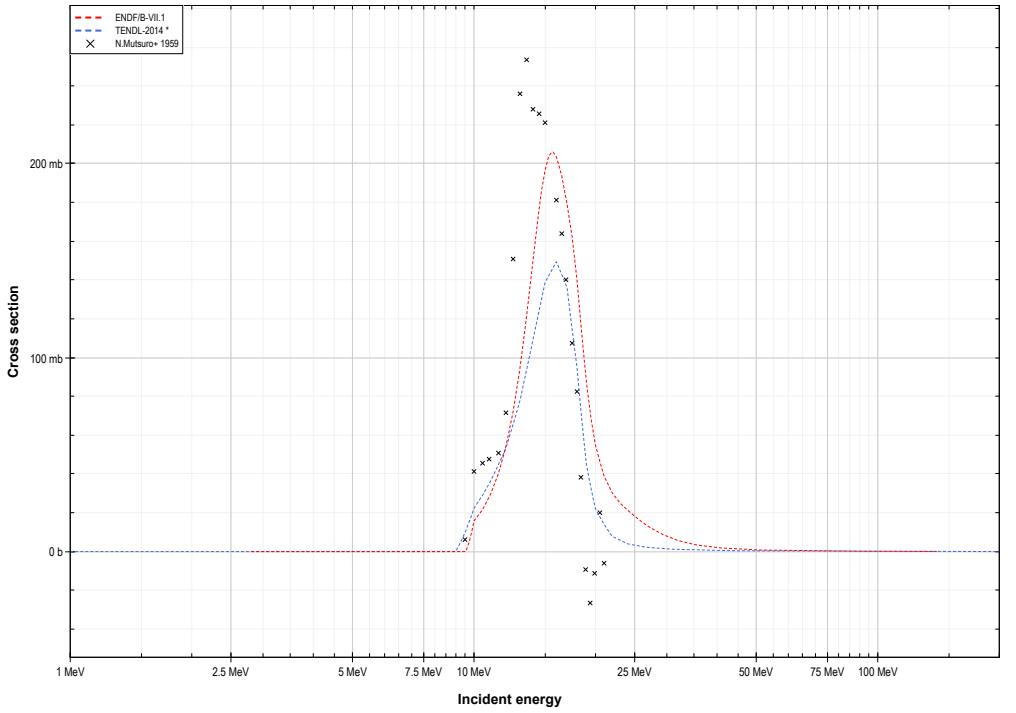
Reaction	Q-Value
Pd110(γ,n)Pd109	-8813.32 keV

<< 46-Pd-110	**47-Ag-107**	47-Ag-109 >>
<< 46-Pd-110 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Ag106 production)**	MT16 (γ,2n) >>

Ag107 (γ,n) log-log



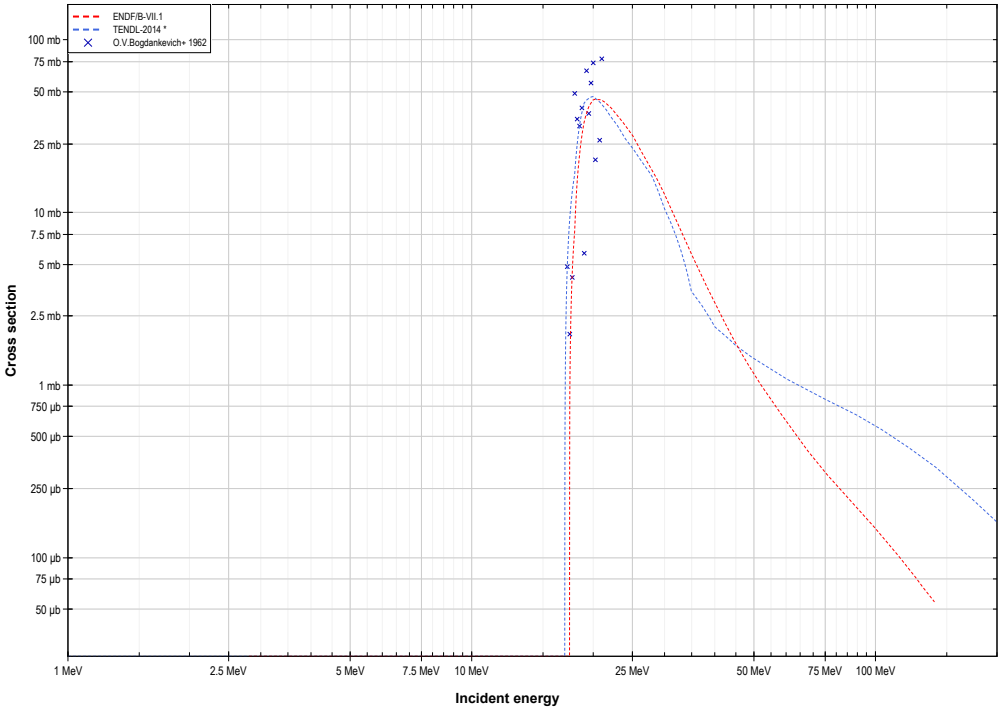
Ag107 (γ,n) lin-log



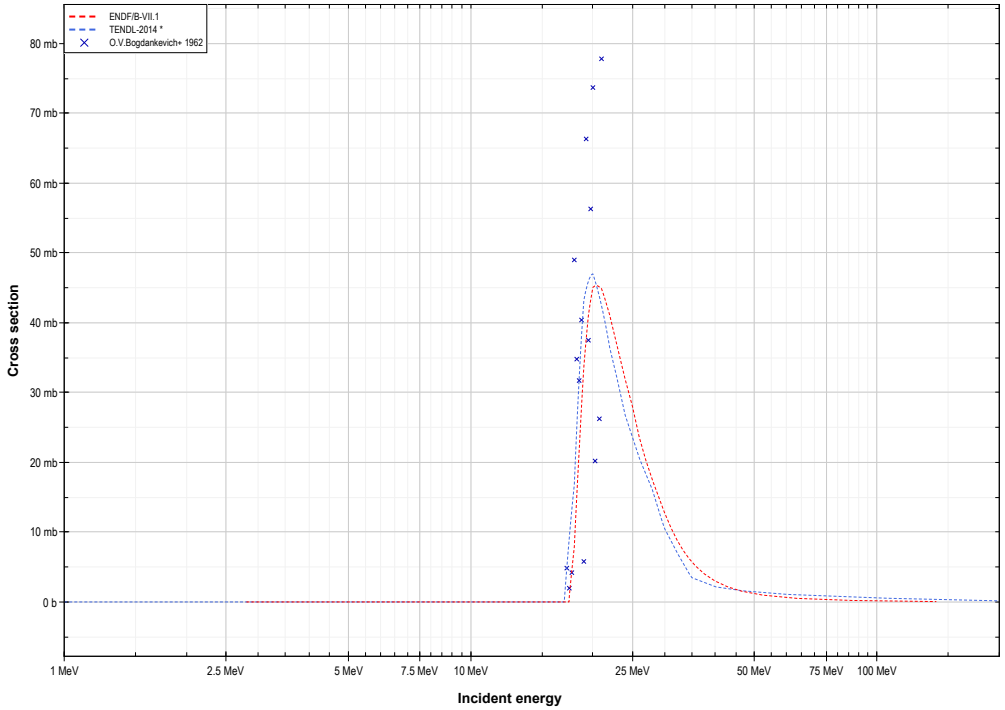
Reaction	Q-Value
Ag107(γ,n)Ag106	-9536.32 keV

<< 45-Rh-103	**47-Ag-107**	49-In-115 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Ag105 production)**	47-Ag-109 MT4 (γ,n) >>

Ag107 (γ,2n) log-log



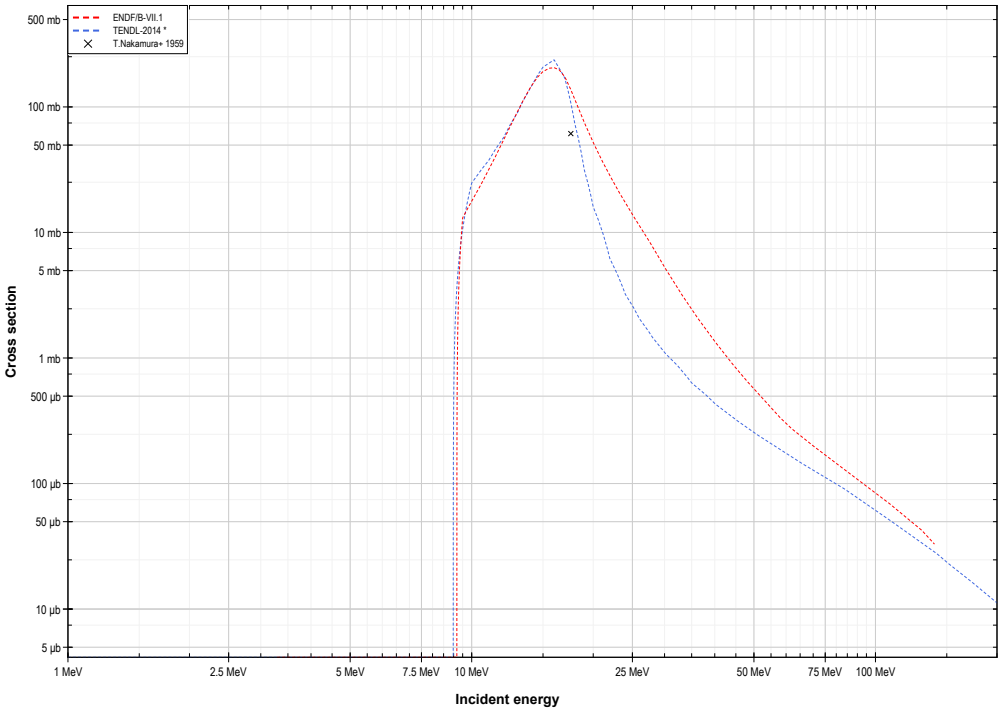
Ag107 (γ,2n) lin-log



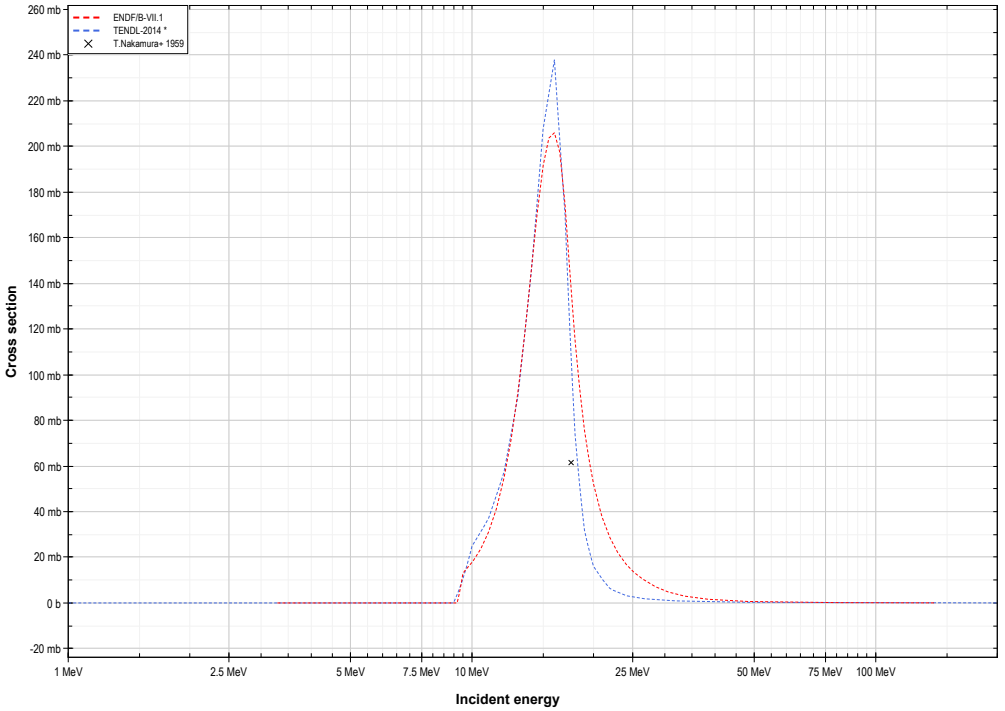
Reaction	Q-Value
Ag107(γ,2n)Ag105	-17476.63 keV

<< 47-Ag-107	**47-Ag-109**	48-Cd-112 >>
<< 47-Ag-107 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Ag108 production)**	48-Cd-112 MT4 (γ,n) >>

Ag109 (γ,n) log-log



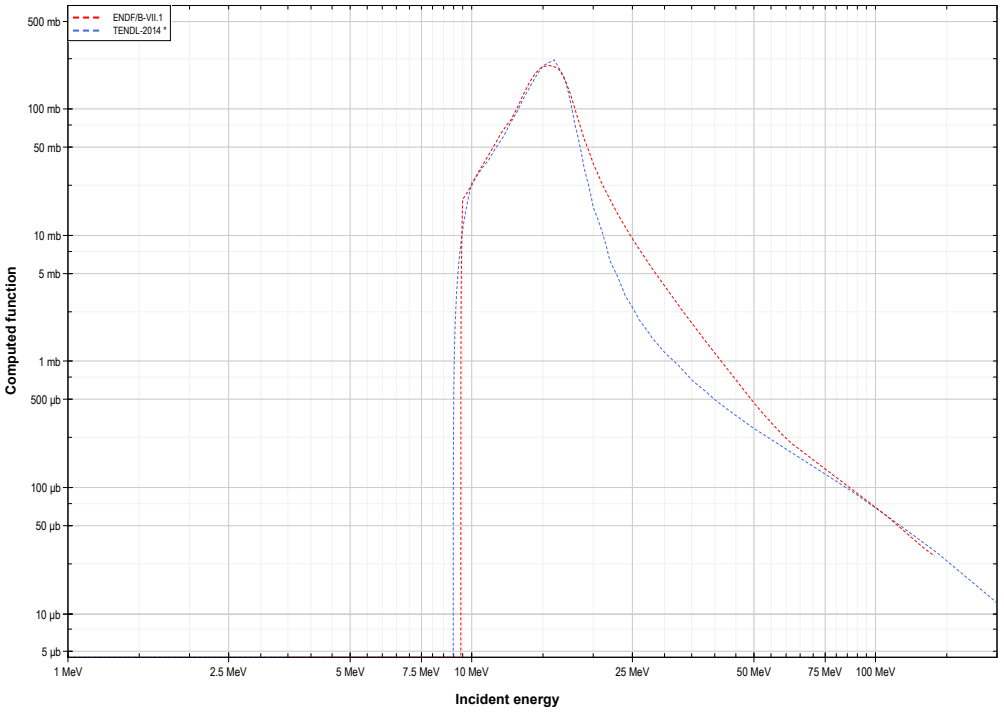
Ag109 (γ,n) lin-log



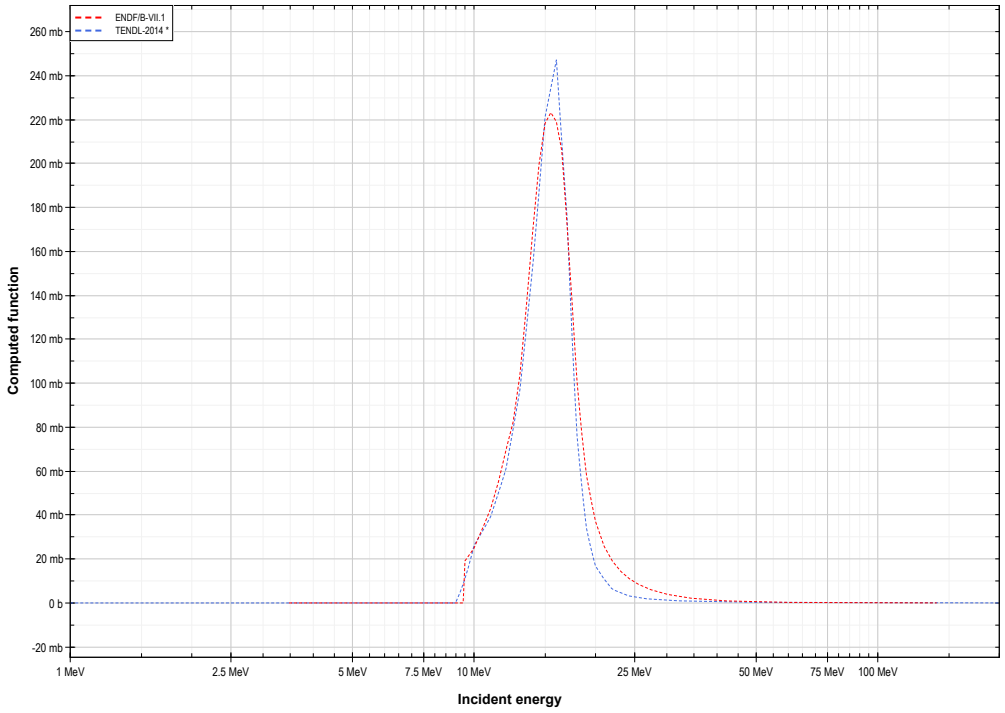
Reaction	Q-Value
Ag109(γ,n)Ag108	-9192.02 keV

<< 47-Ag-109	**48-Cd-112**	48-Cd-116 >>
<< 47-Ag-109 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Cd111 production)**	48-Cd-116 MT4 (γ,n) >>

Cd112 (γ,n) log-log



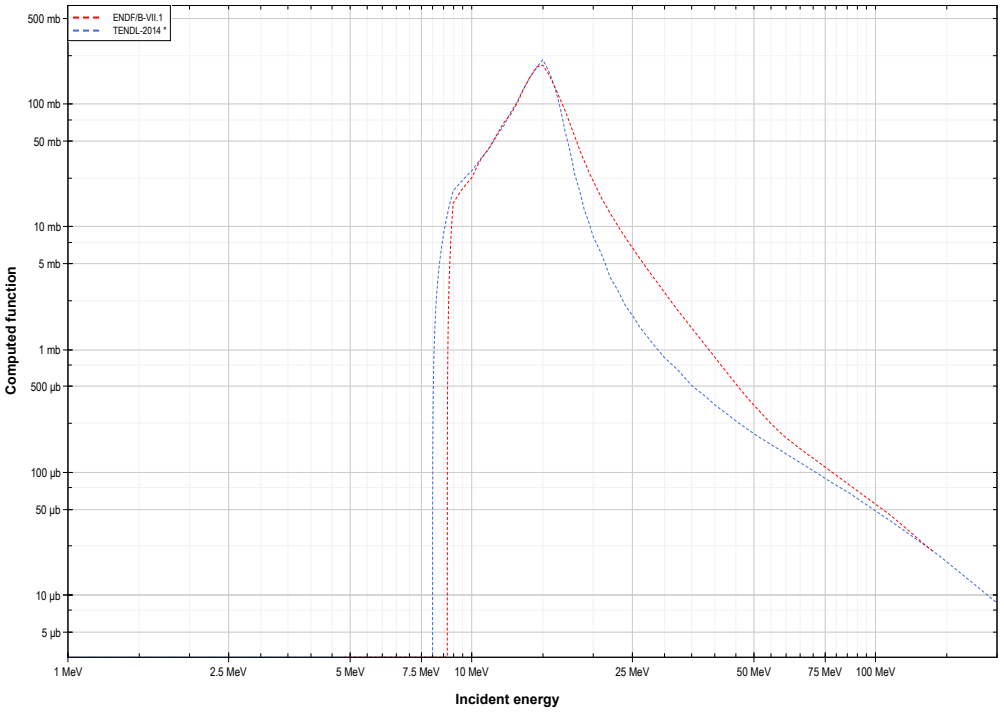
Cd112 (γ,n) lin-log



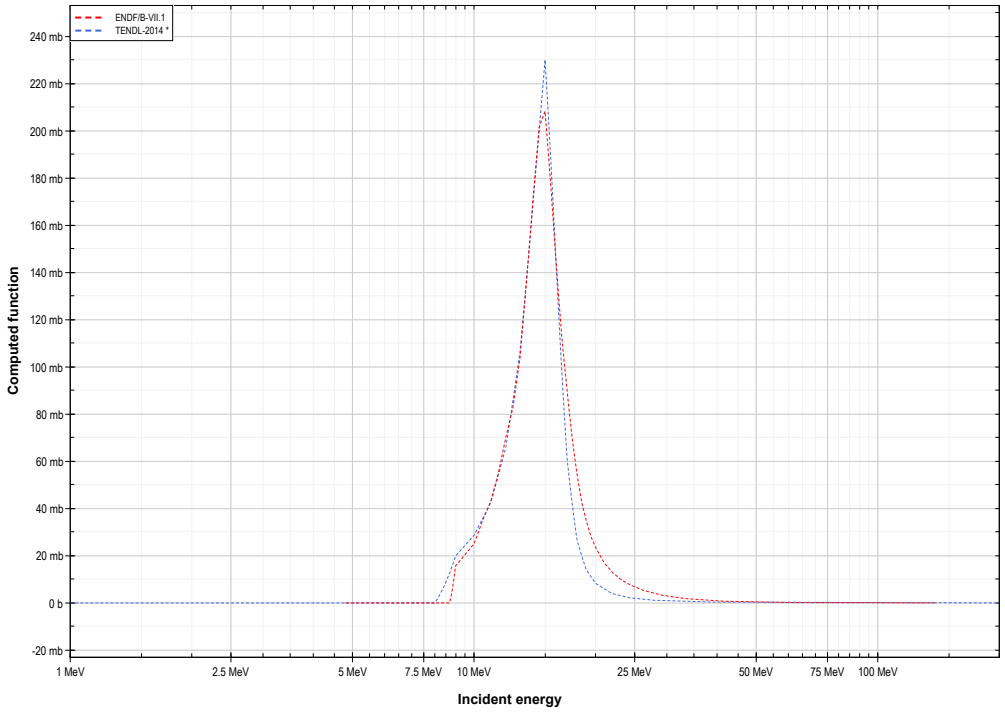
Reaction	Q-Value
Cd112(γ,n)Cd111	-9394.32 keV

<< 48-Cd-112	**48-Cd-116**	49-In-113 >>
<< 48-Cd-112 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Cd115 production)**	49-In-113 MT4 (γ,n) >>

Cd116 (γ,n) log-log



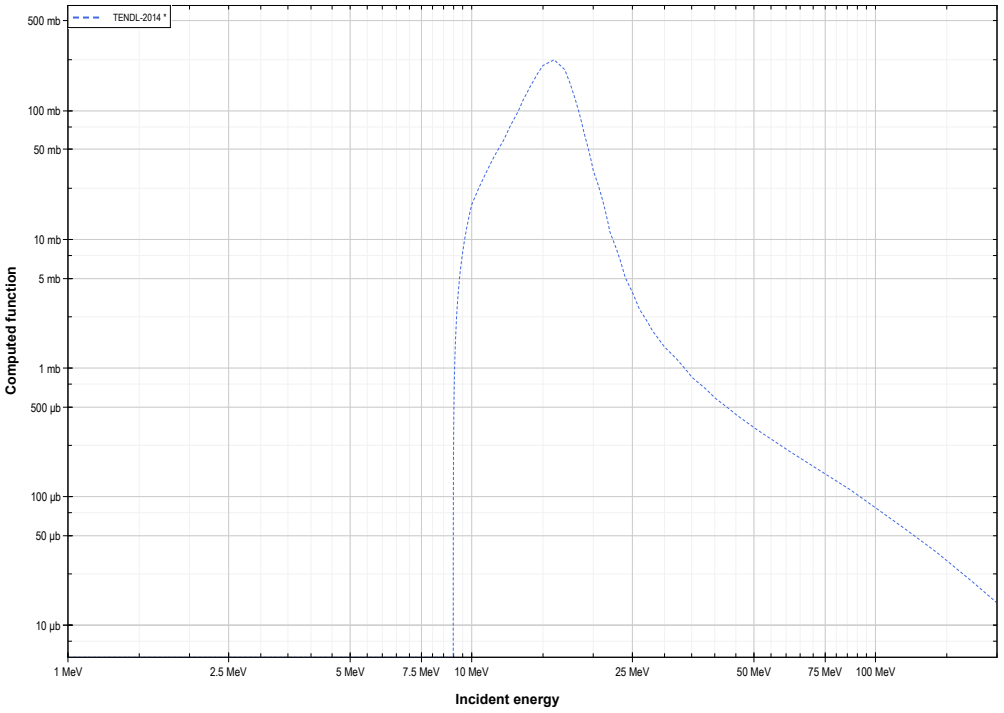
Cd116 (γ,n) lin-log



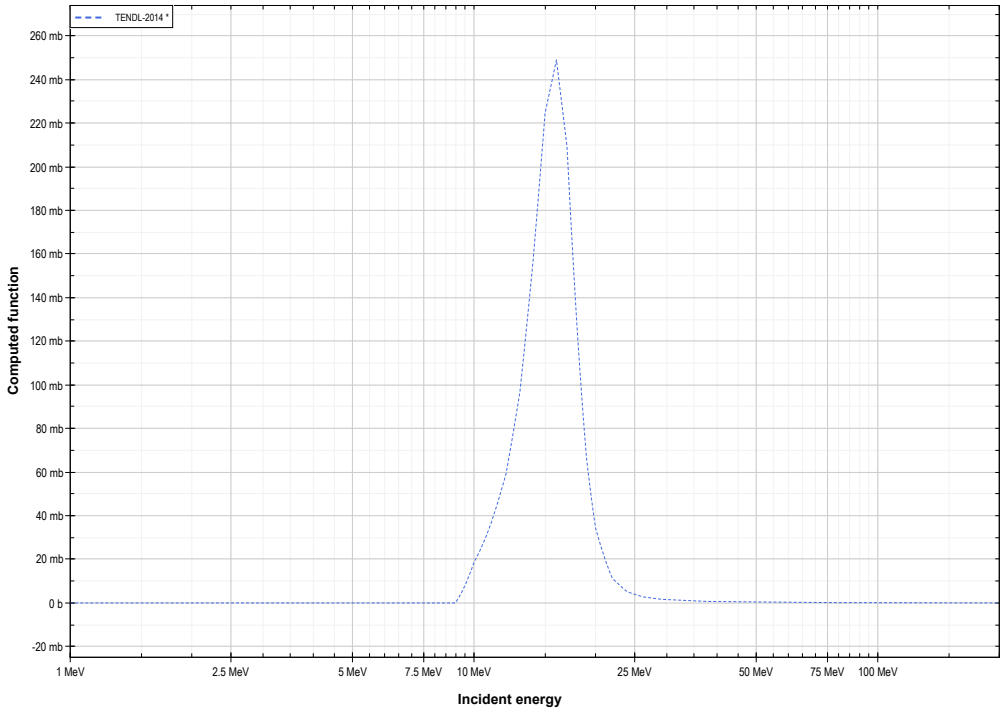
Reaction	Q-Value
Cd116(γ,n)Cd115	-8699.82 keV

<< 48-Cd-116	**49-In-113**	49-In-115 >>
<< 48-Cd-116 MT4 (γ,n)	**MT4 (γ,n) or MT5 (In112 production)**	49-In-115 MT4 (γ,n) >>

In113 (γ,n) log-log



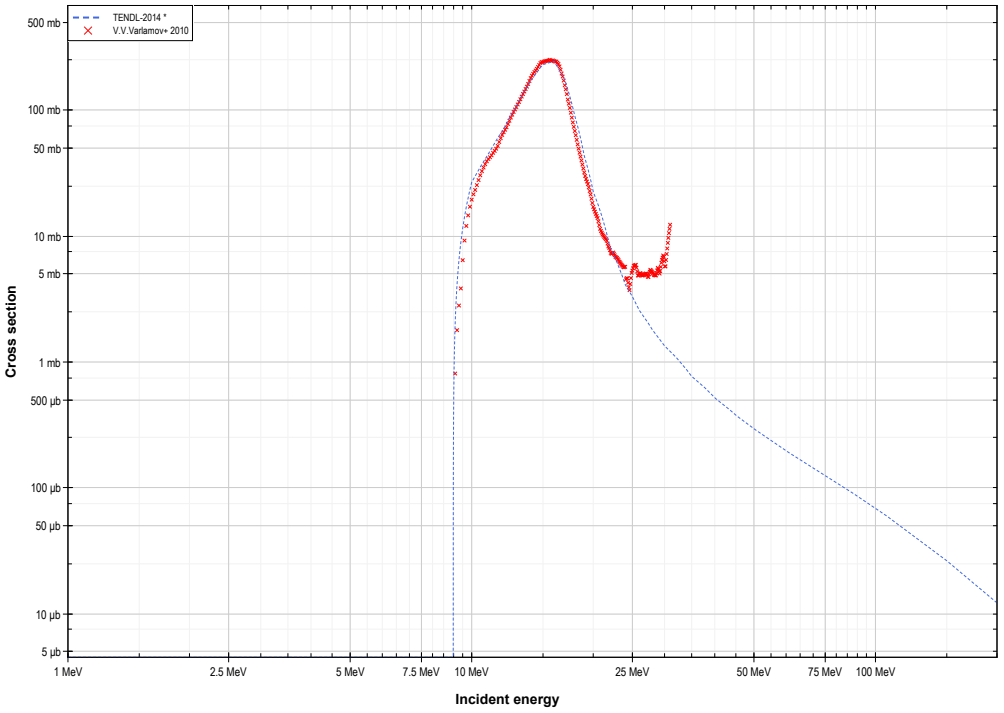
In113 (γ,n) lin-log



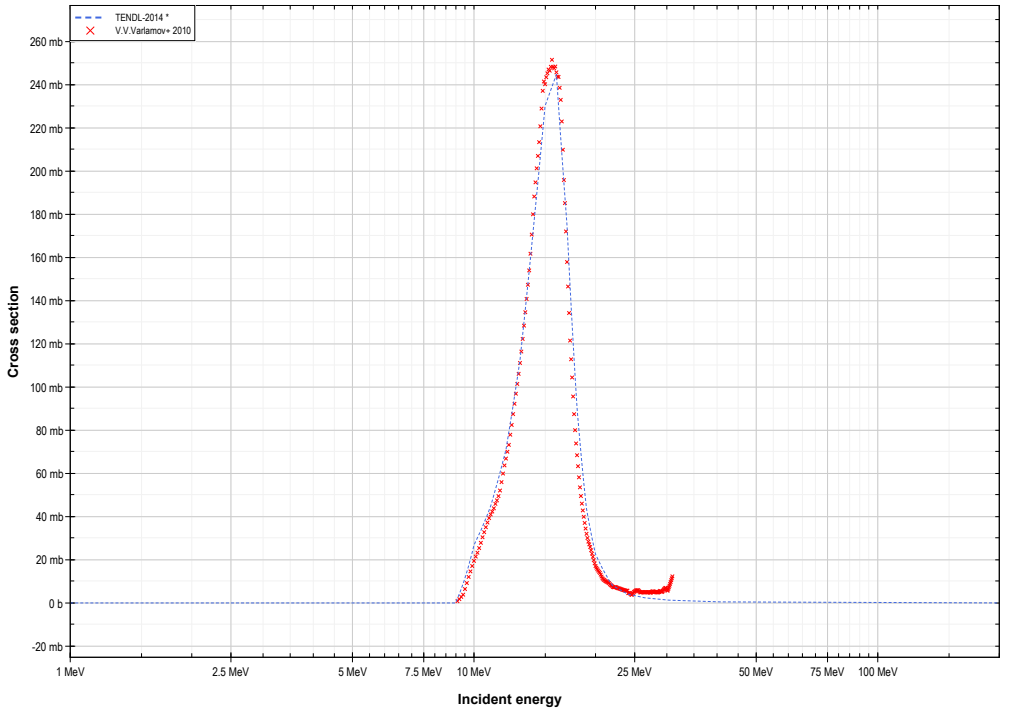
Reaction	Q-Value
In113(γ,n)In112	-9445.32 keV

<< 49-In-113	**49-In-115**	50-Sn-112 >>
<< 49-In-113 MT4 (γ,n)	**MT4 (γ,n) or MT5 (In114 production)**	MT16 (γ,2n) >>

In115 (γ,n) log-log



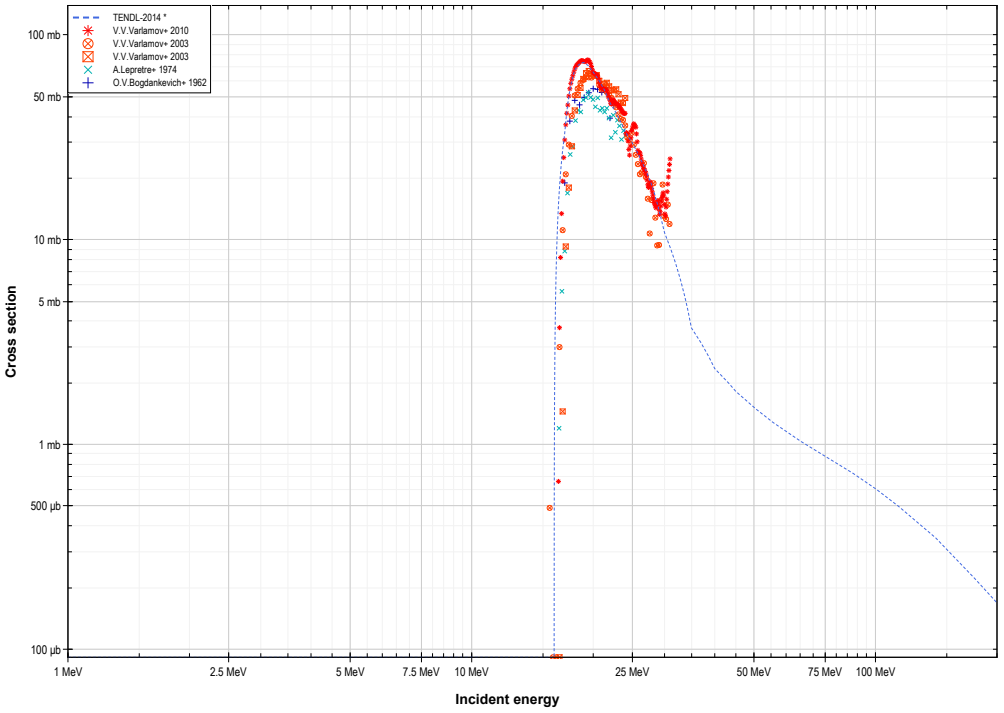
In115 (γ,n) lin-log



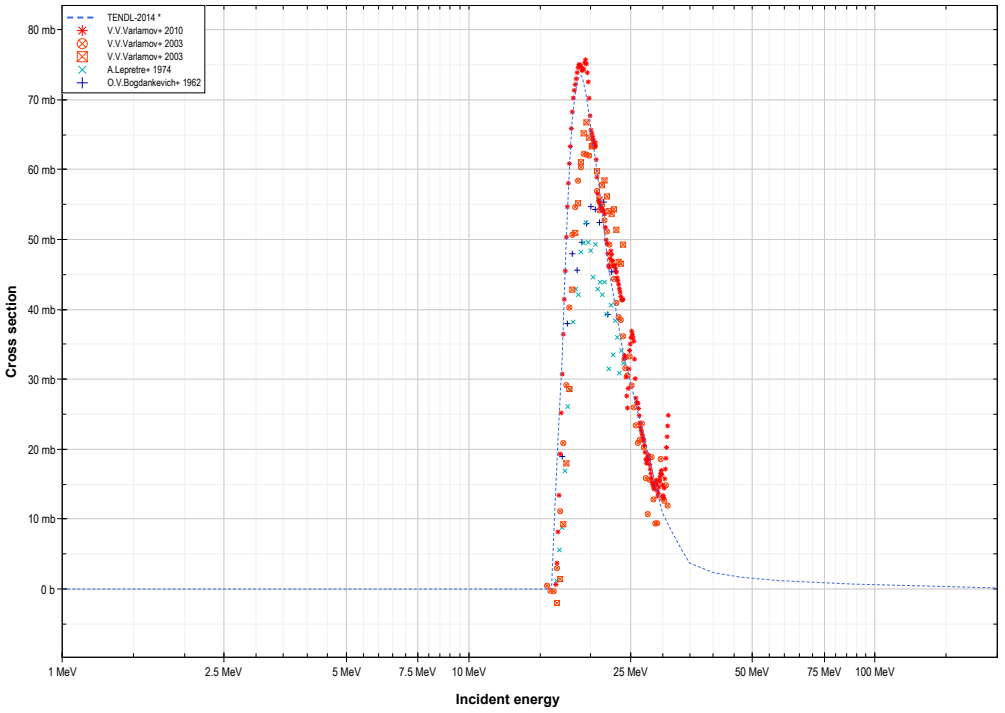
Reaction	Q-Value
In115(γ,n)In114	-9036.32 keV

<< 47-Ag-107	**49-In-115**	50-Sn-112 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (In113 production)**	MT17 (γ,3n) >>

In115 (γ,2n) log-log



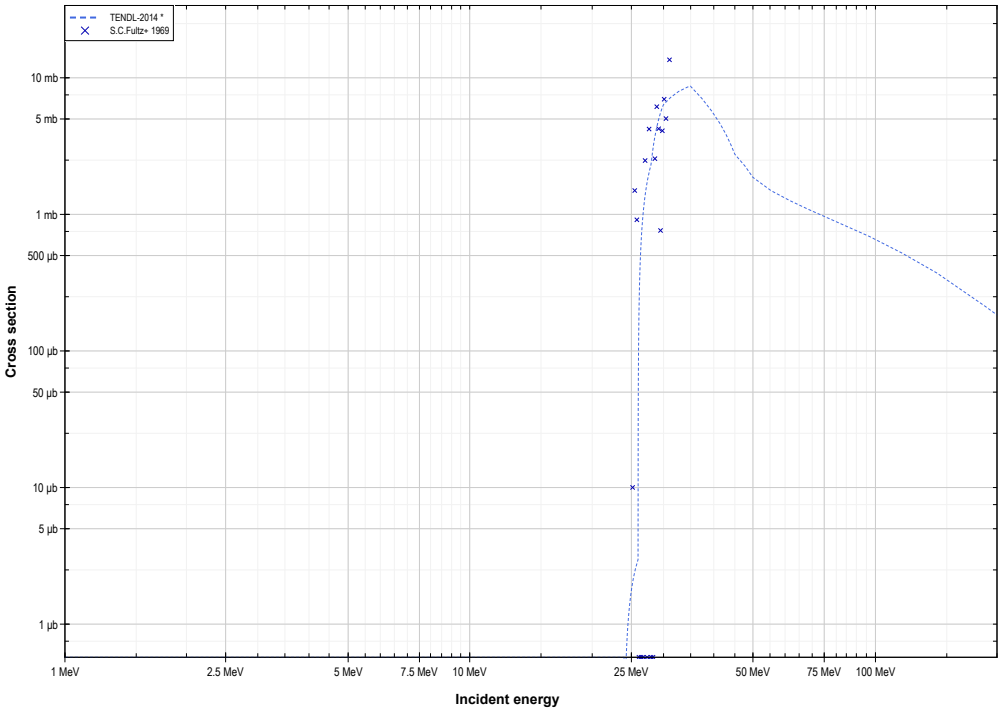
In115 (γ,2n) lin-log



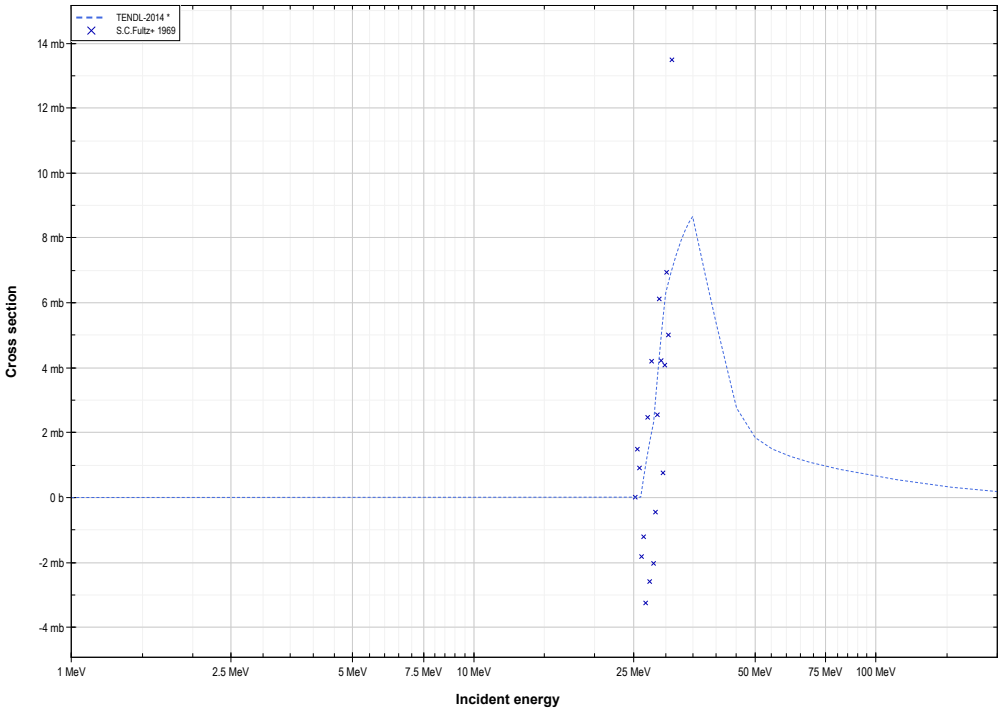
Reaction	Q-Value
In115(γ,2n)In113	-16309.63 keV

<< 43-Tc-99	**49-In-115**	50-Sn-117 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (In112 production)**	50-Sn-112 MT4 (γ,n) >>

In115 (γ,3n) log-log



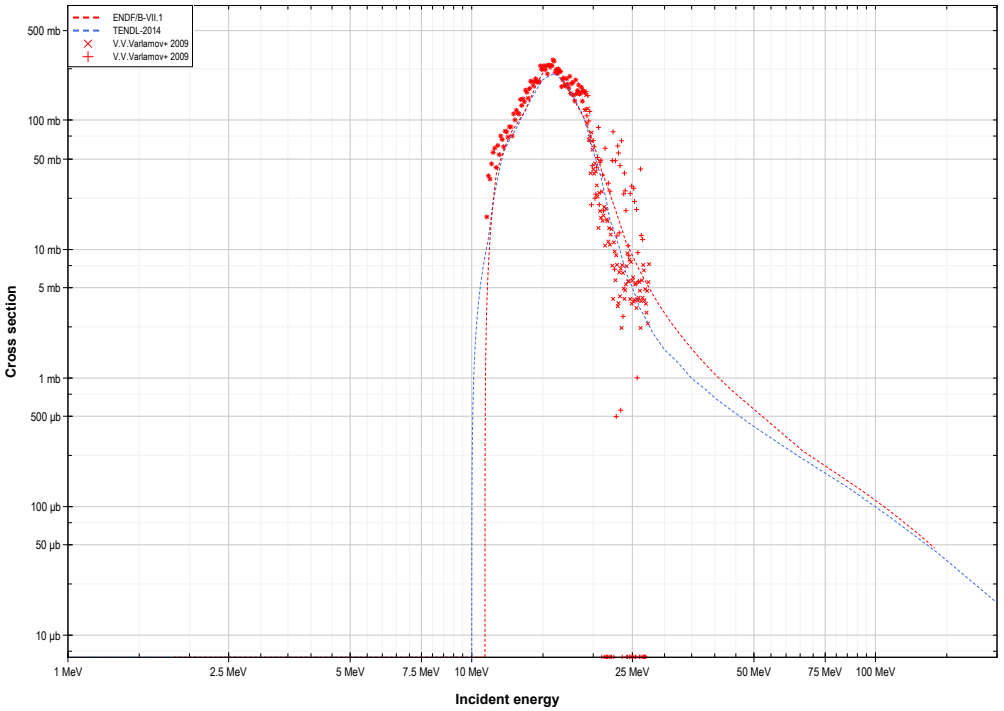
In115 (γ,3n) lin-log



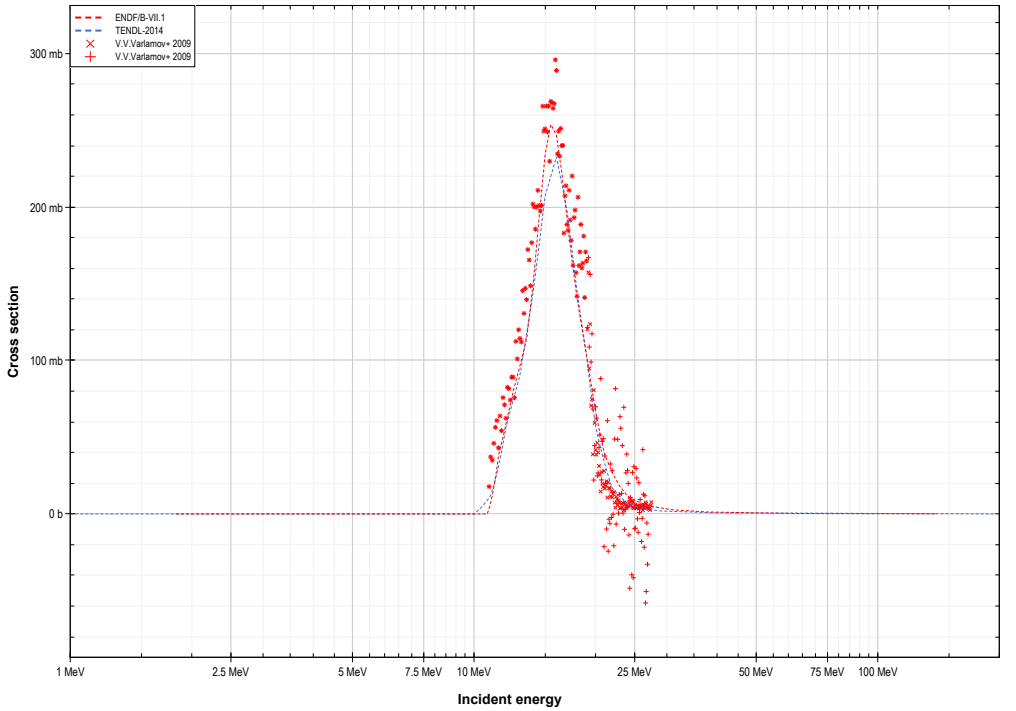
Reaction	Q-Value
In115(γ,3n)In112	-25754.95 keV

<< 49-In-115	**50-Sn-112**	50-Sn-114 >>
<< 49-In-115 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Sn111 production)**	MT16 (γ,2n) >>

Sn112 (γ,n) log-log



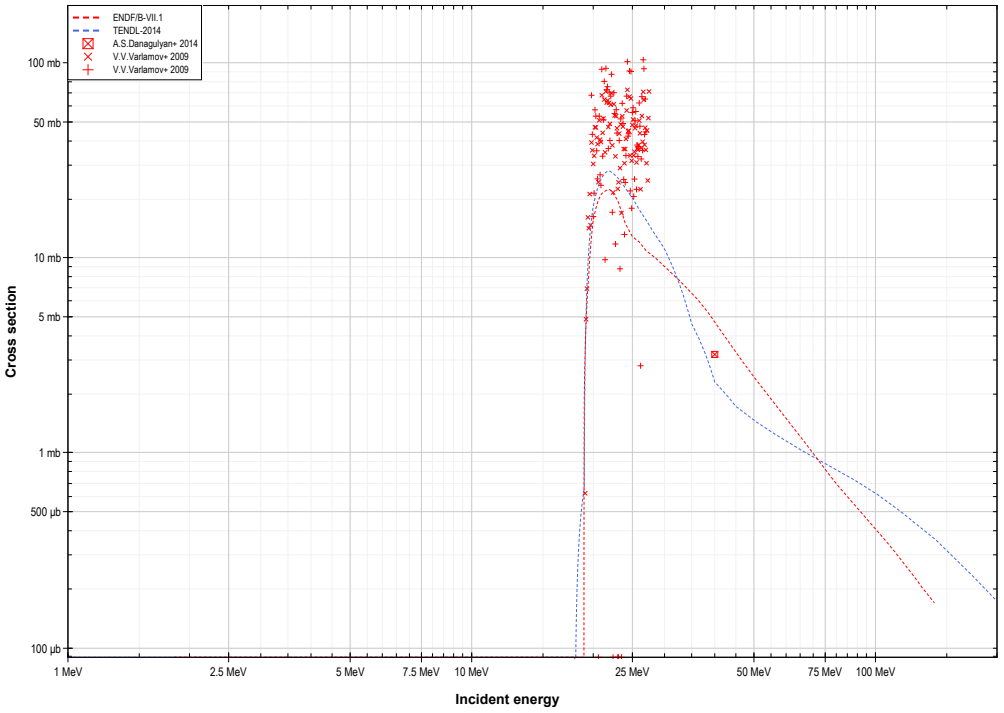
Sn112 (γ,n) lin-log



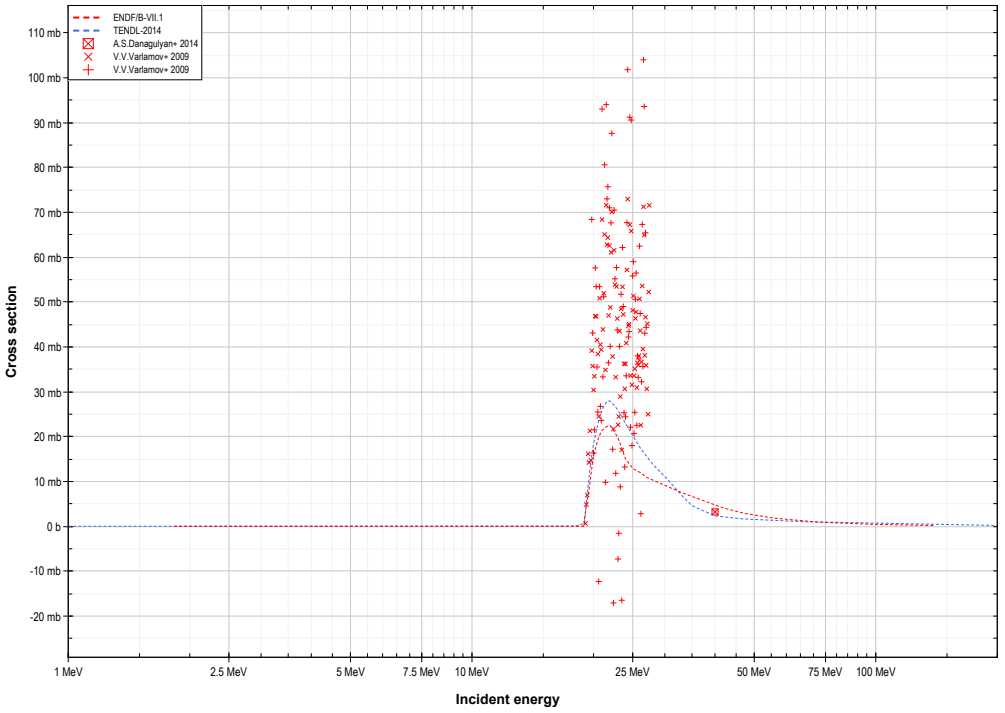
Reaction	Q-Value
Sn112(γ,n)Sn111	-10787.32 keV

<< 49-In-115	**50-Sn-112**	50-Sn-114 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sn110 production)**	50-Sn-114 MT4 (γ,n) >>

Sn112 (γ,2n) log-log



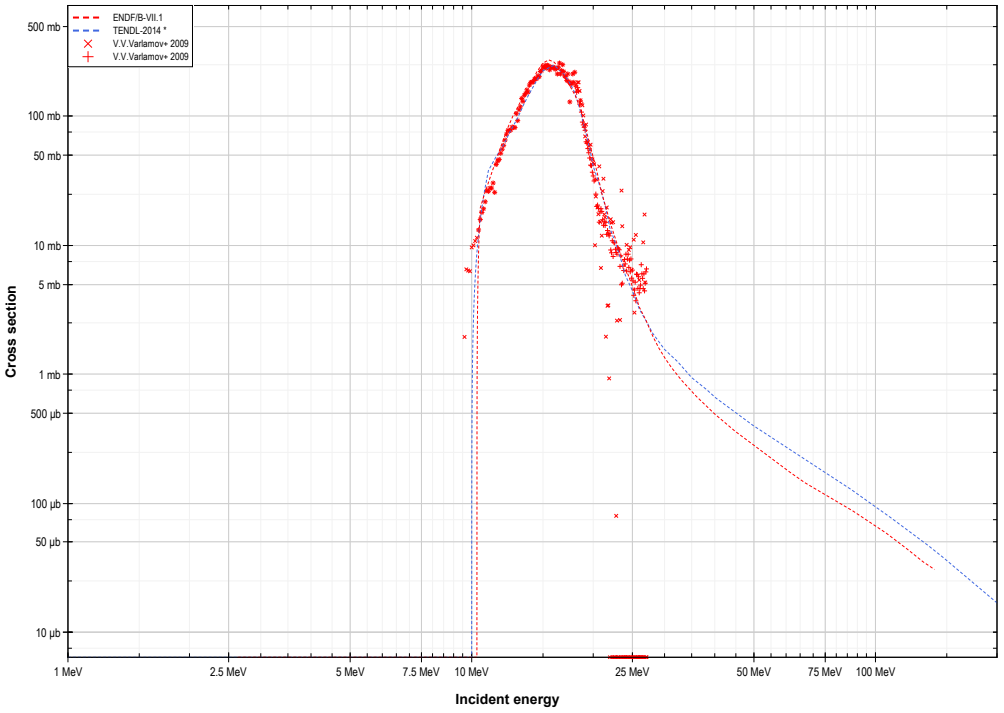
Sn112 (γ,2n) lin-log



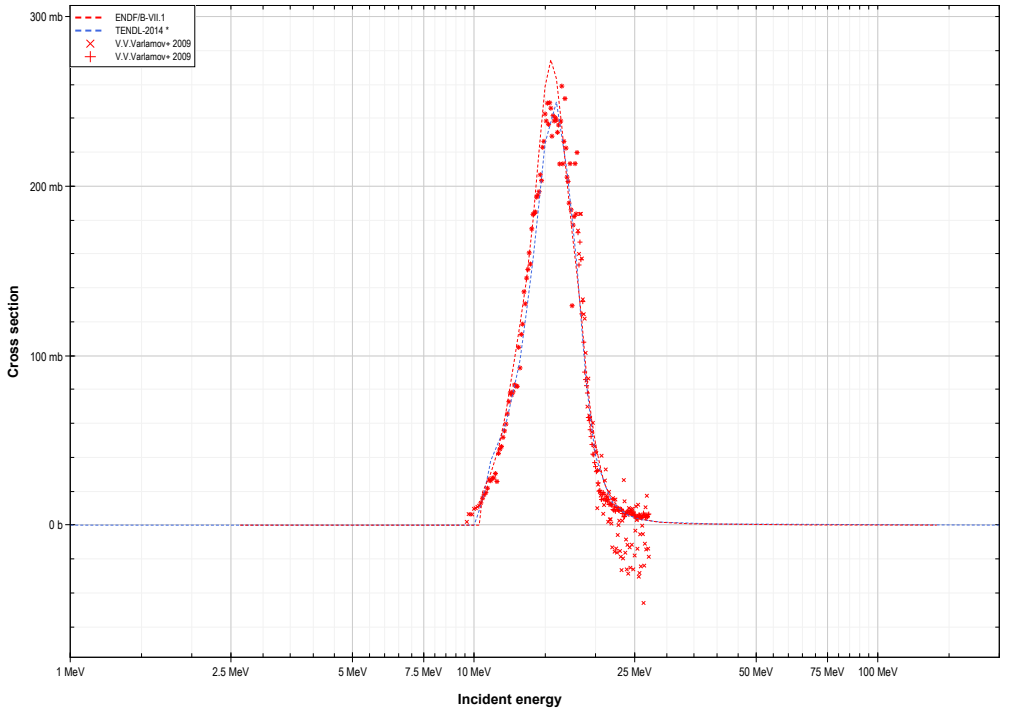
Reaction	Q-Value
Sn112(γ,2n)Sn110	-18959.63 keV

<< 50-Sn-112	**50-Sn-114**	50-Sn-116 >>
<< 50-Sn-112 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Sn113 production)**	MT16 (γ,2n) >>

Sn114 (γ,n) log-log



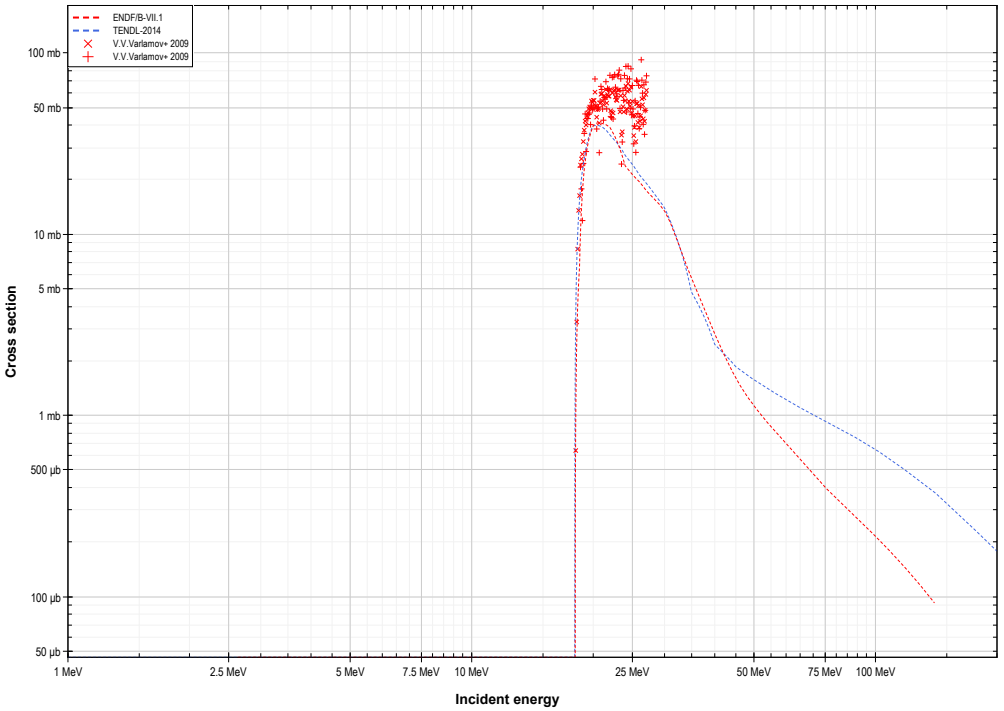
Sn114 (γ,n) lin-log



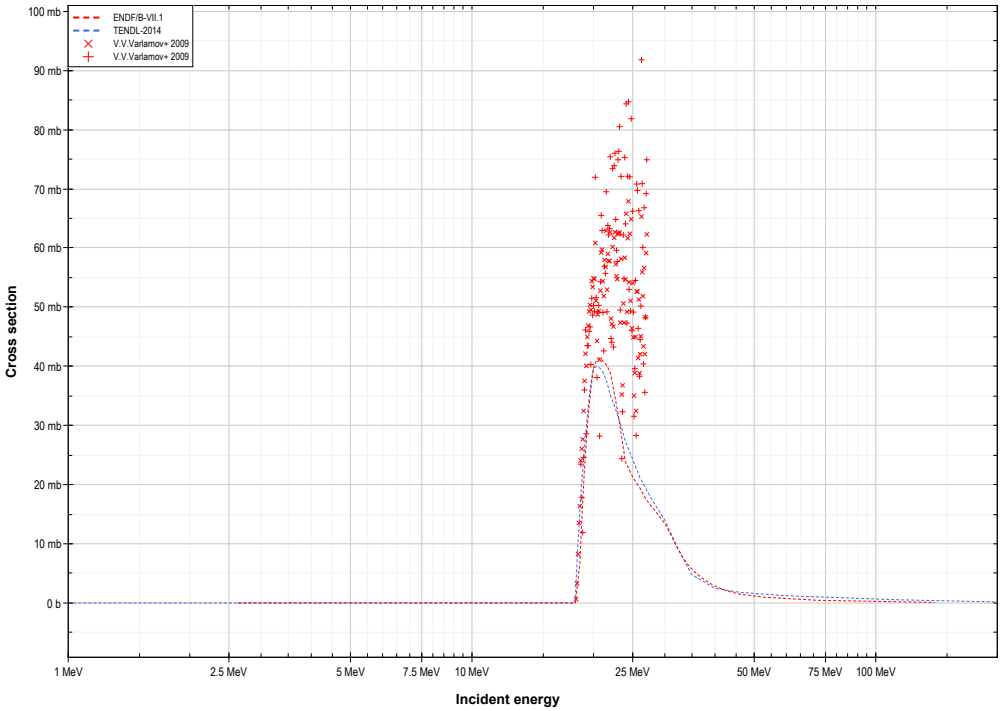
Reaction	Q-Value
Sn114(γ,n)Sn113	-10299.32 keV

<< 50-Sn-112	**50-Sn-114**	50-Sn-116 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sn112 production)**	50-Sn-116 MT4 (γ,n) >>

Sn114 (γ,2n) log-log



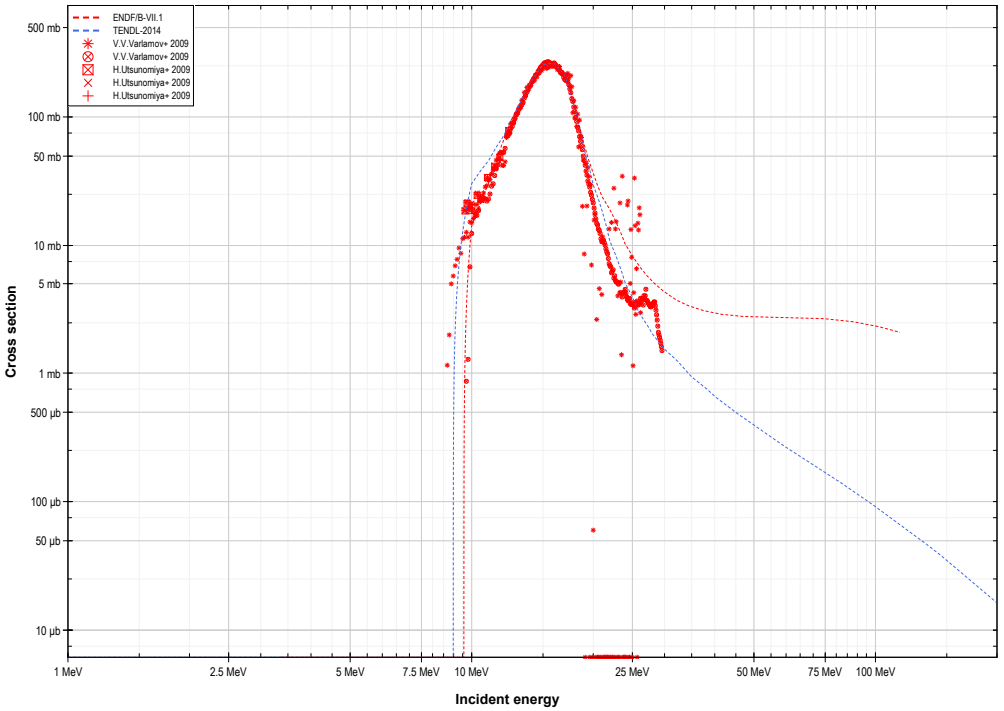
Sn114 (γ,2n) lin-log



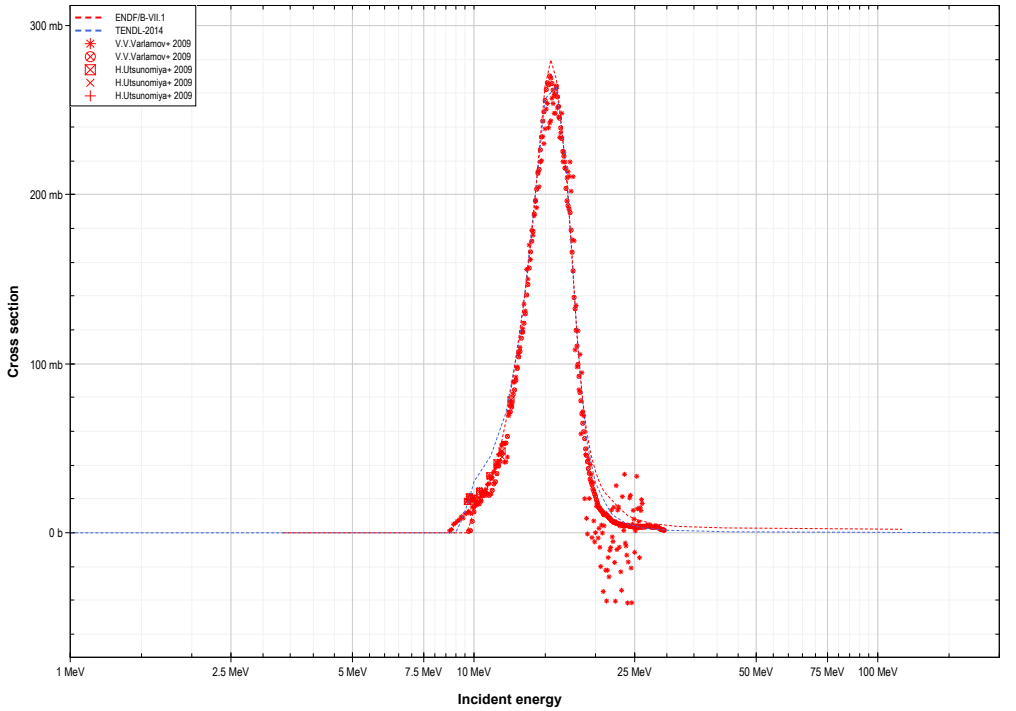
Reaction	Q-Value
Sn114(γ,2n)Sn112	-18042.63 keV

<< 50-Sn-114	**50-Sn-116**	50-Sn-117 >>
<< 50-Sn-114 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Sn115 production)**	MT16 (γ,2n) >>

Sn116 (γ,n) log-log



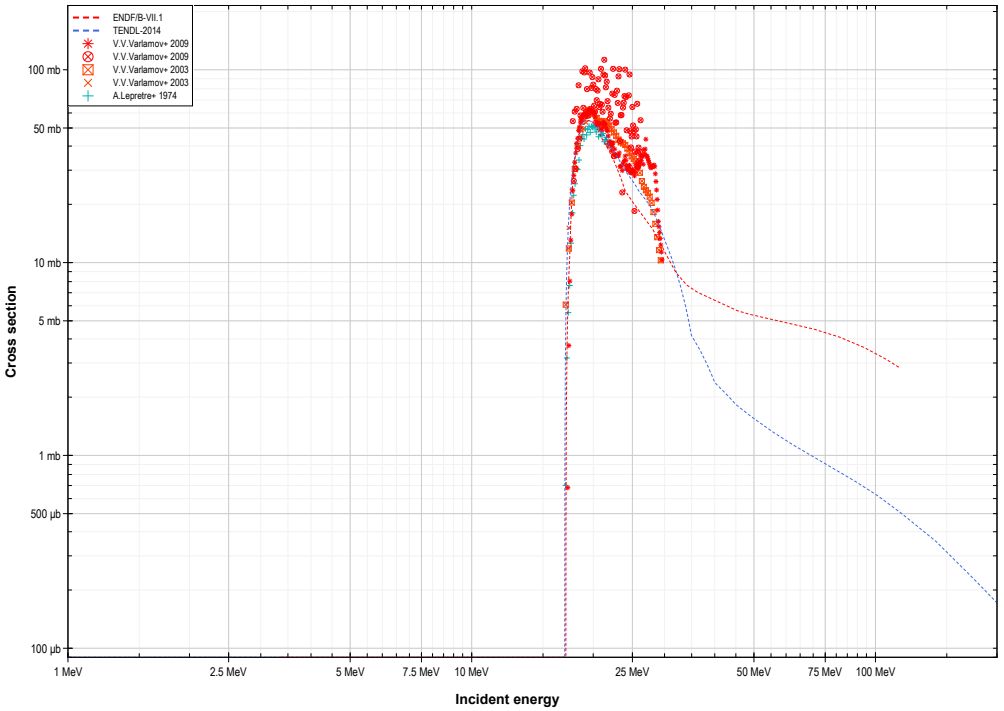
Sn116 (γ,n) lin-log



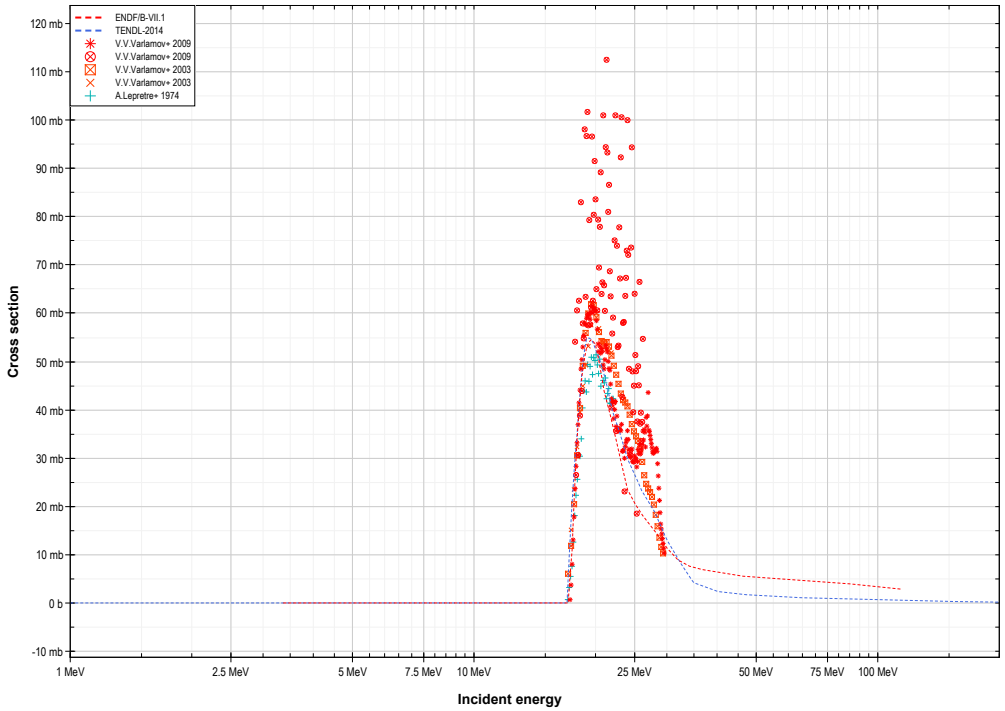
Reaction	Q-Value
Sn116(γ,n)Sn115	-9563.42 keV

<< 50-Sn-114	**50-Sn-116**	50-Sn-117 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sn114 production)**	50-Sn-117 MT4 (γ,n) >>

Sn116 (γ,2n) log-log



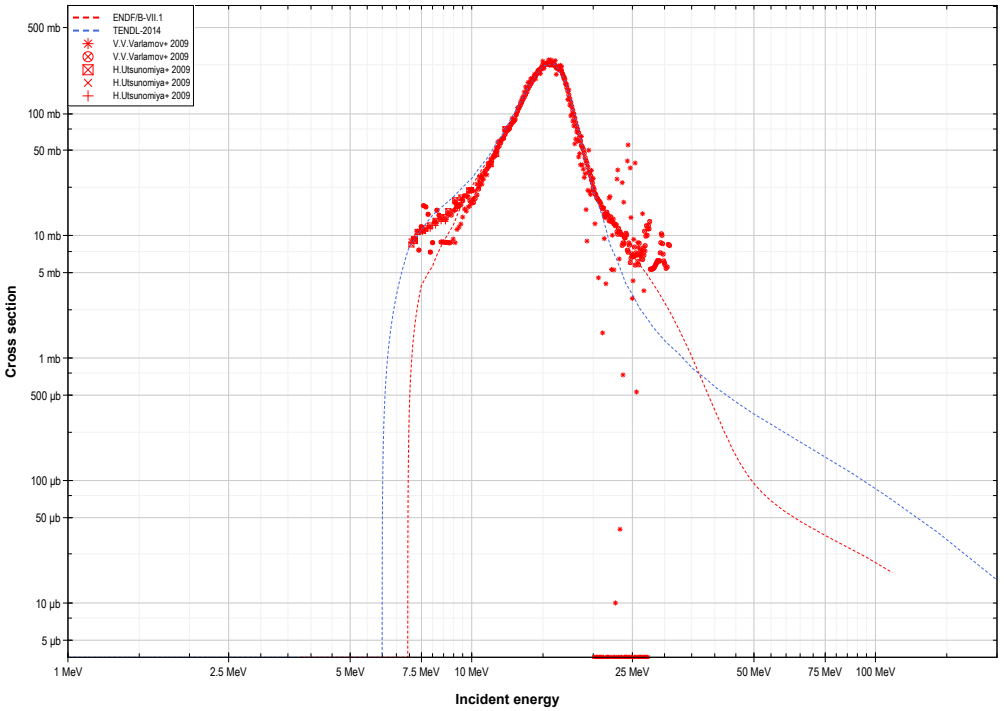
Sn116 (γ,2n) lin-log



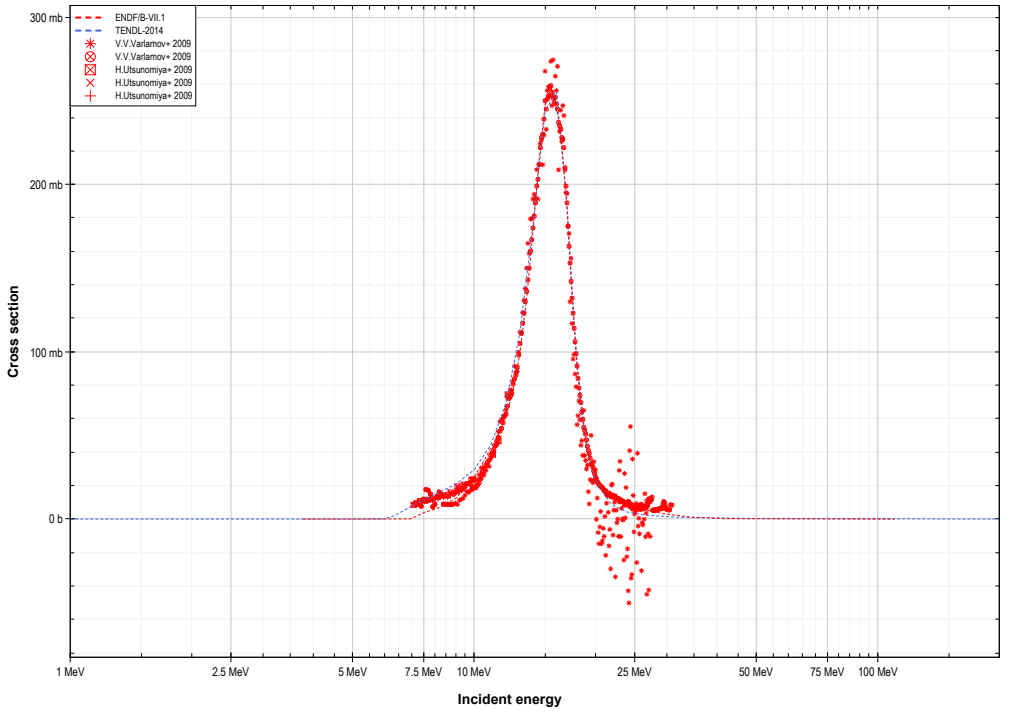
Reaction	Q-Value
Sn116(γ,2n)Sn114	-17109.73 keV

<< 50-Sn-116	**50-Sn-117**	50-Sn-118 >>
<< 50-Sn-116 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Sn116 production)**	MT16 (γ,2n) >>

Sn117 (γ,n) log-log



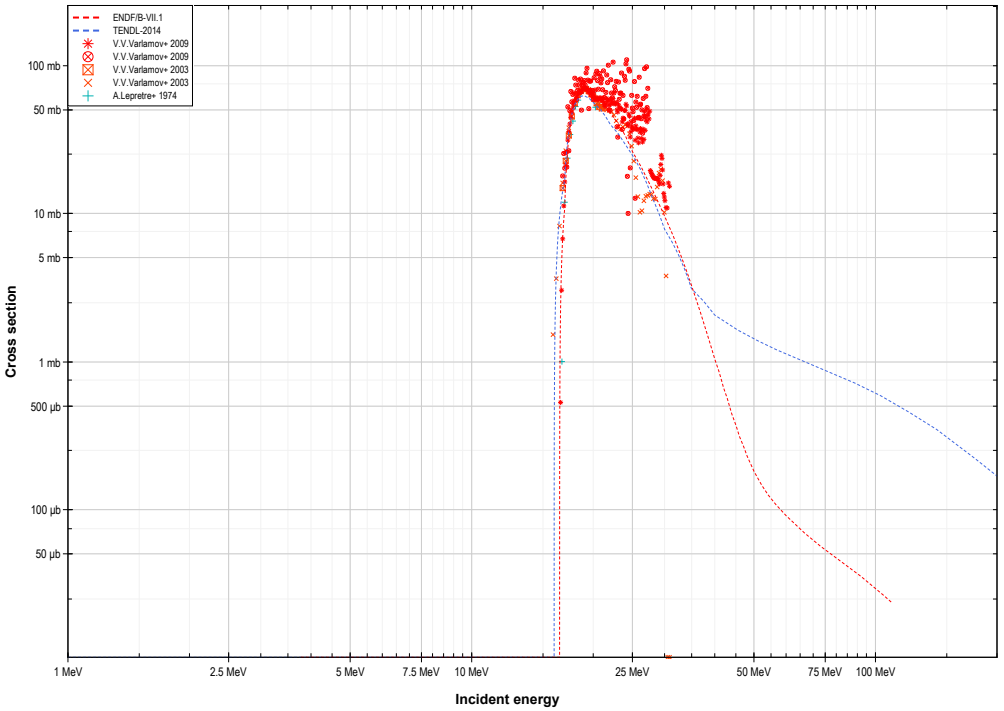
Sn117 (γ,n) lin-log



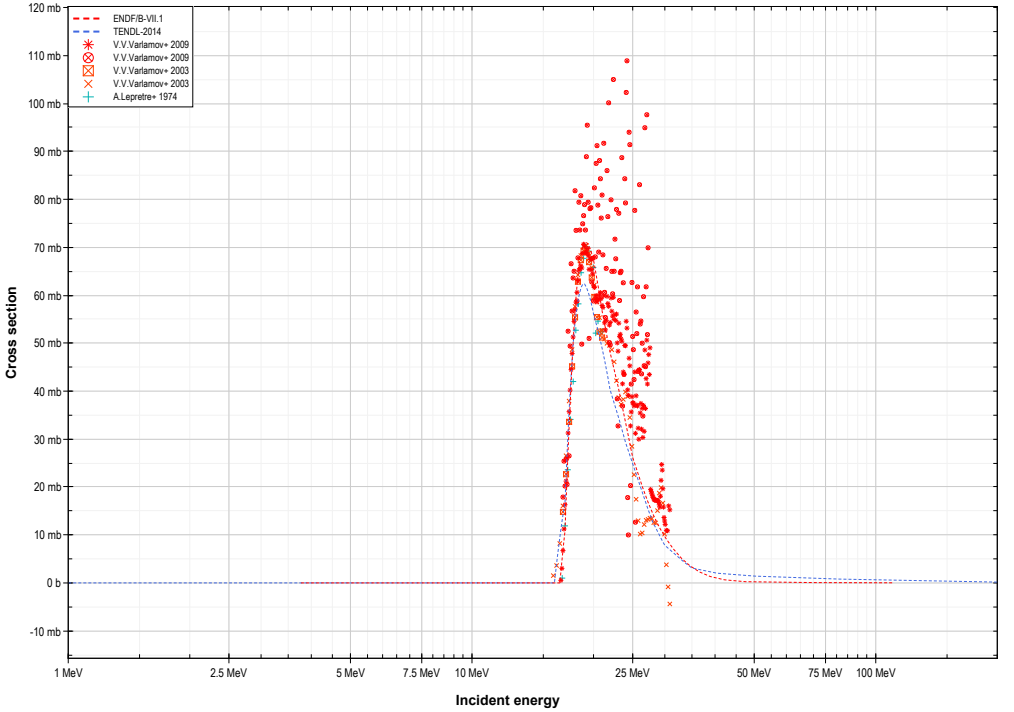
Reaction	Q-Value
Sn117(γ,n)Sn116	-6943.22 keV

<< 50-Sn-116	**50-Sn-117**	50-Sn-118 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sn115 production)**	MT17 (γ,3n) >>

Sn117 (γ,2n) log-log



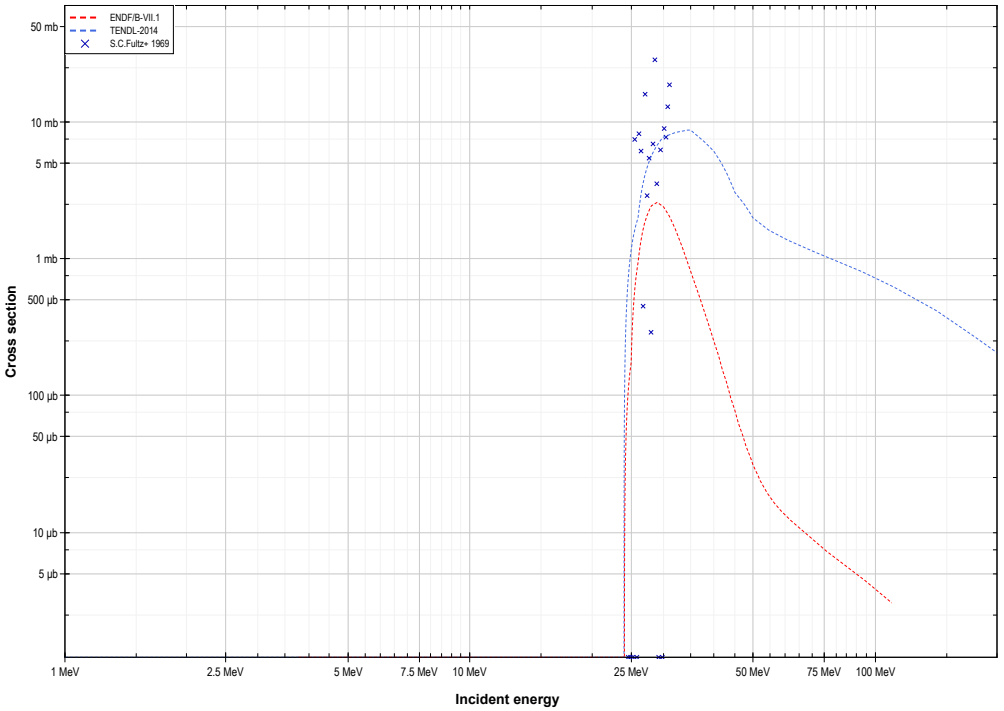
Sn117 (γ,2n) lin-log



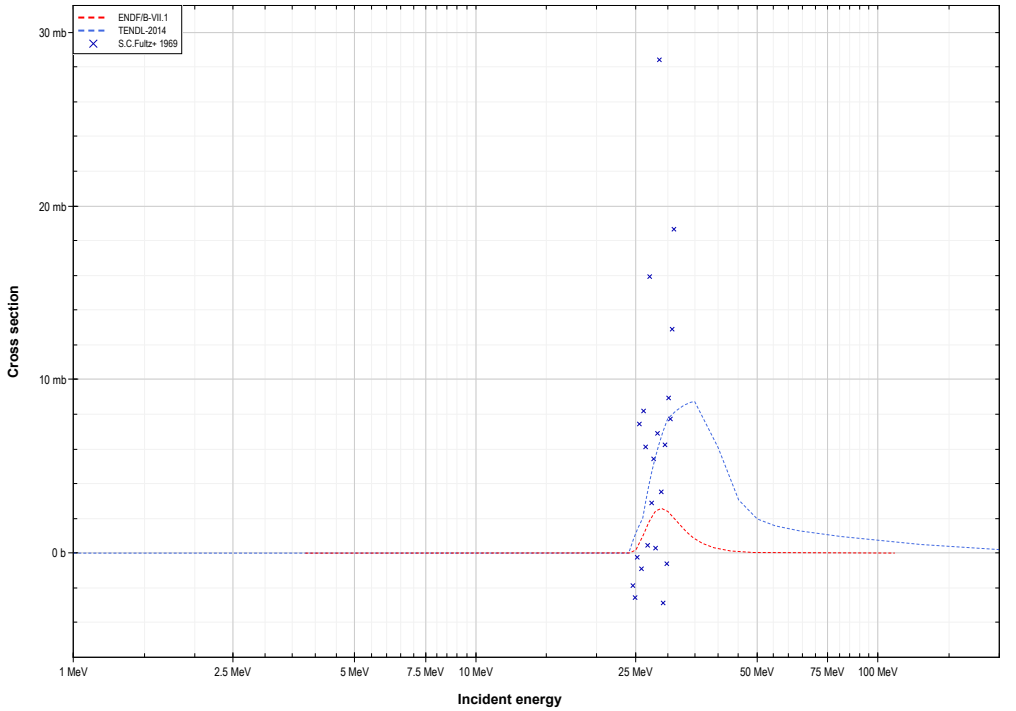
Reaction	Q-Value
Sn117(γ,2n)Sn115	-16506.63 keV

<< 49-In-115	**50-Sn-117**	50-Sn-118 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (Sn114 production)**	50-Sn-118 MT4 (γ,n) >>

Sn117 (γ,3n) log-log



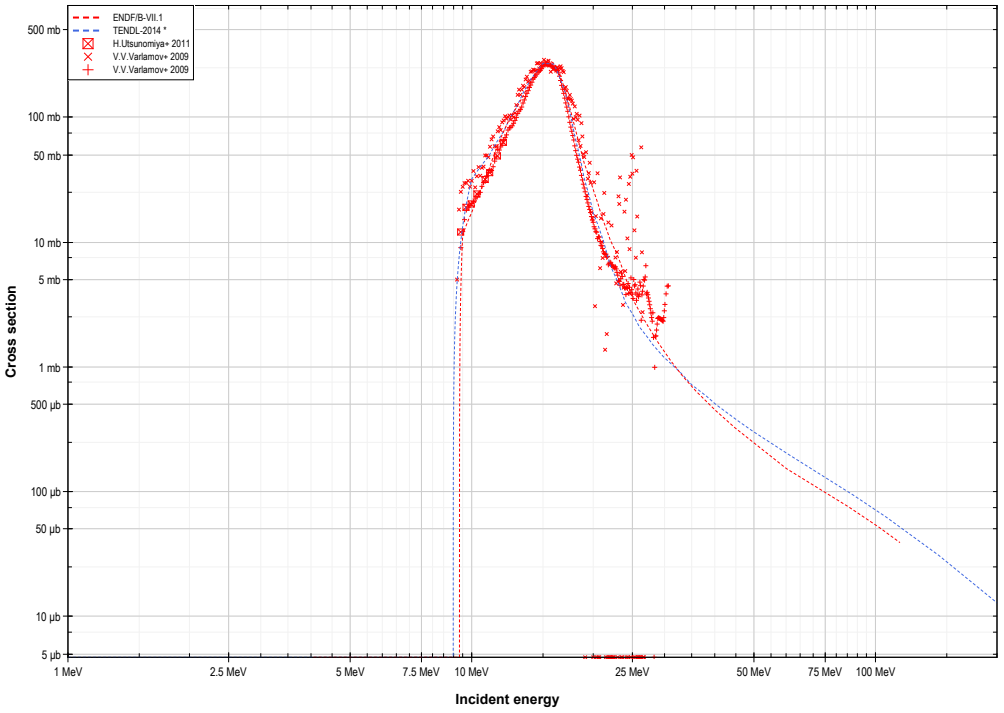
Sn117 (γ,3n) lin-log



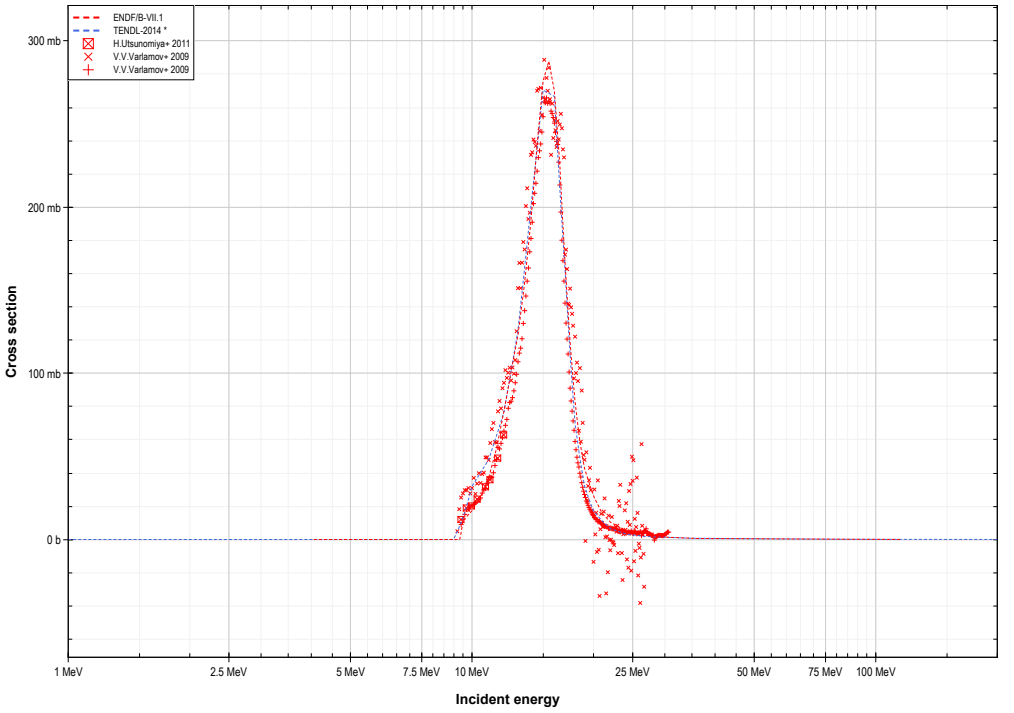
Reaction	Q-Value
Sn117(γ,3n)Sn114	-24052.95 keV

<< 50-Sn-117	**50-Sn-118**	50-Sn-119 >>
<< 50-Sn-117 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Sn117 production)**	MT16 (γ,2n) >>

Sn118 (γ,n) log-log



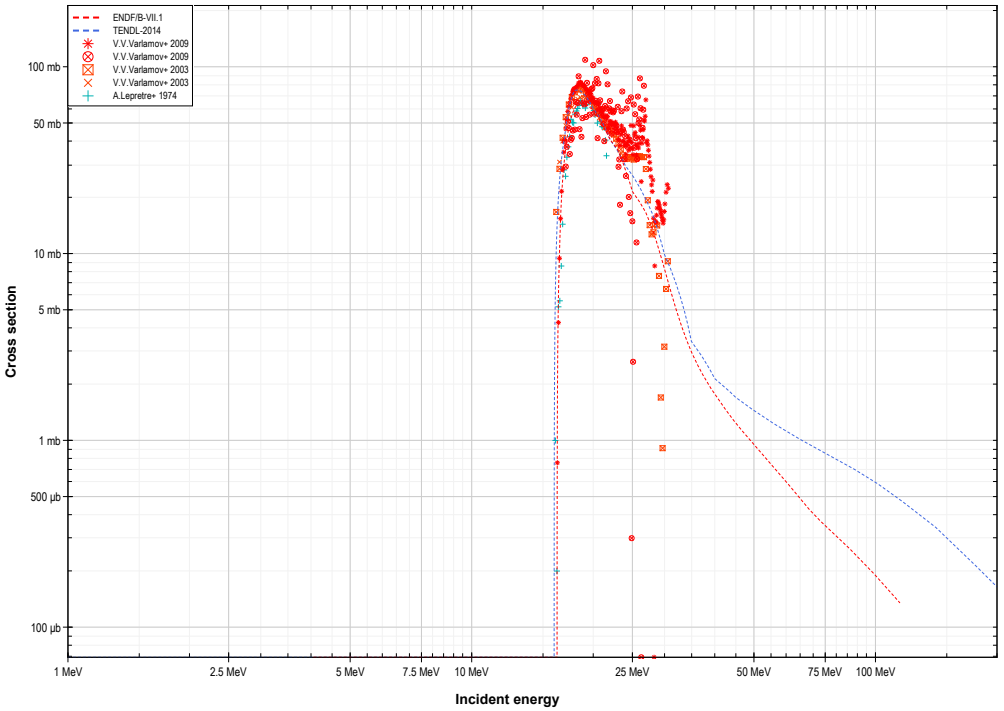
Sn118 (γ,n) lin-log



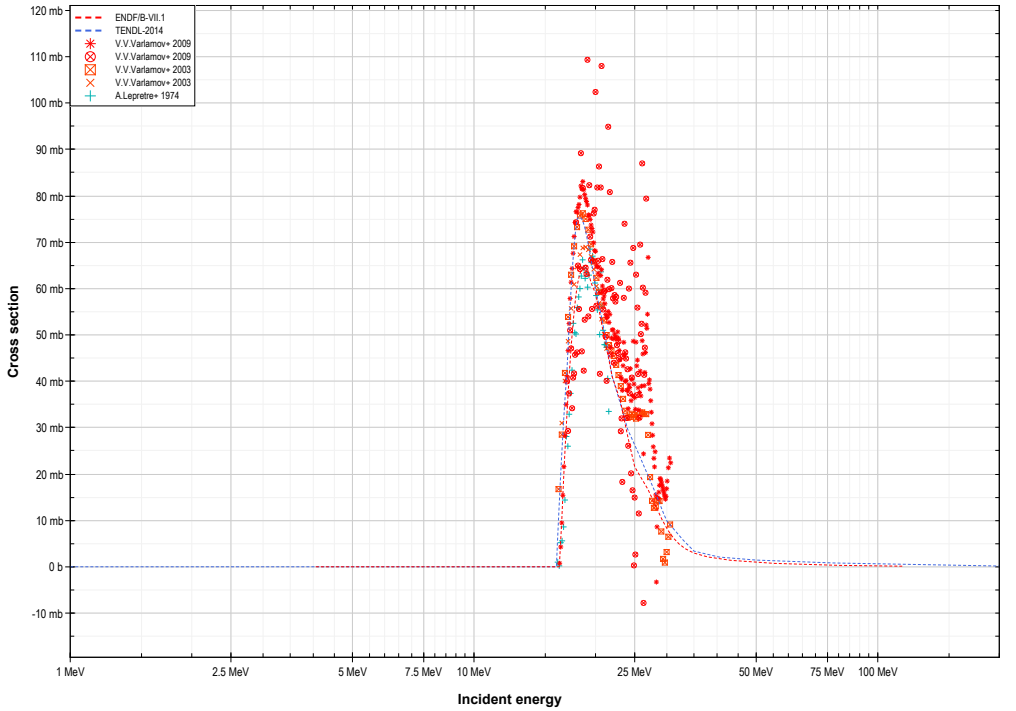
Reaction	Q-Value
Sn118(γ,n)Sn117	-9327.42 keV

<< 50-Sn-117	**50-Sn-118**	50-Sn-119 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sn116 production)**	MT17 (γ,3n) >>

Sn118 (γ,2n) log-log



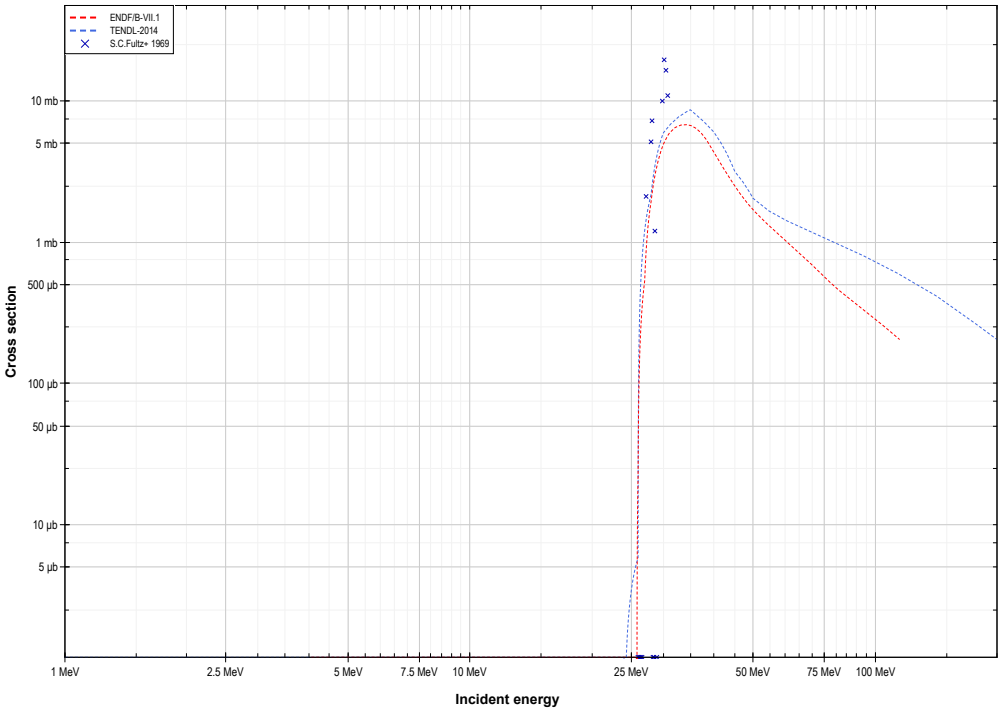
Sn118 (γ,2n) lin-log



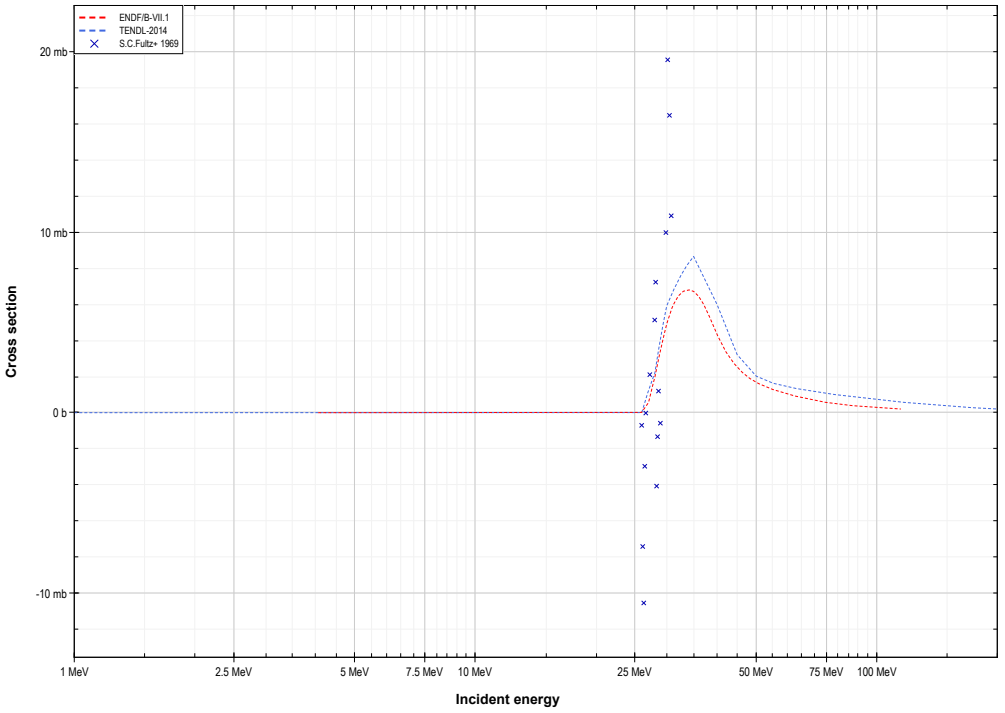
Reaction	Q-Value
Sn118(γ,2n)Sn116	-16270.63 keV

<< 50-Sn-117	**50-Sn-118**	50-Sn-119 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (Sn115 production)**	MT103 (γ,p) >>

Sn118 (γ,3n) log-log



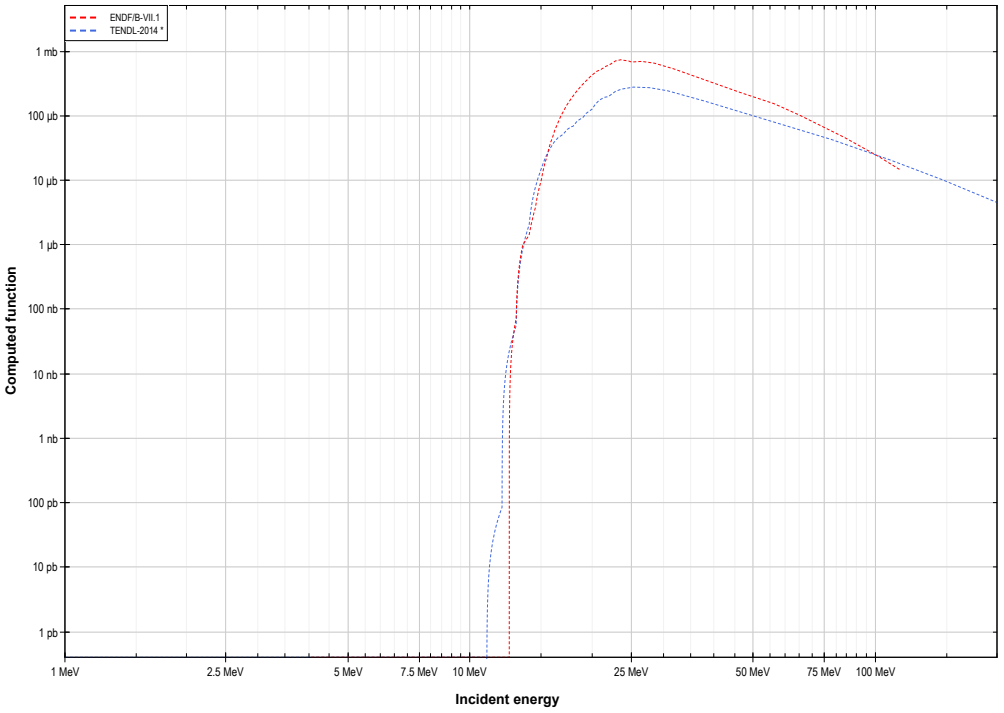
Sn118 (γ,3n) lin-log



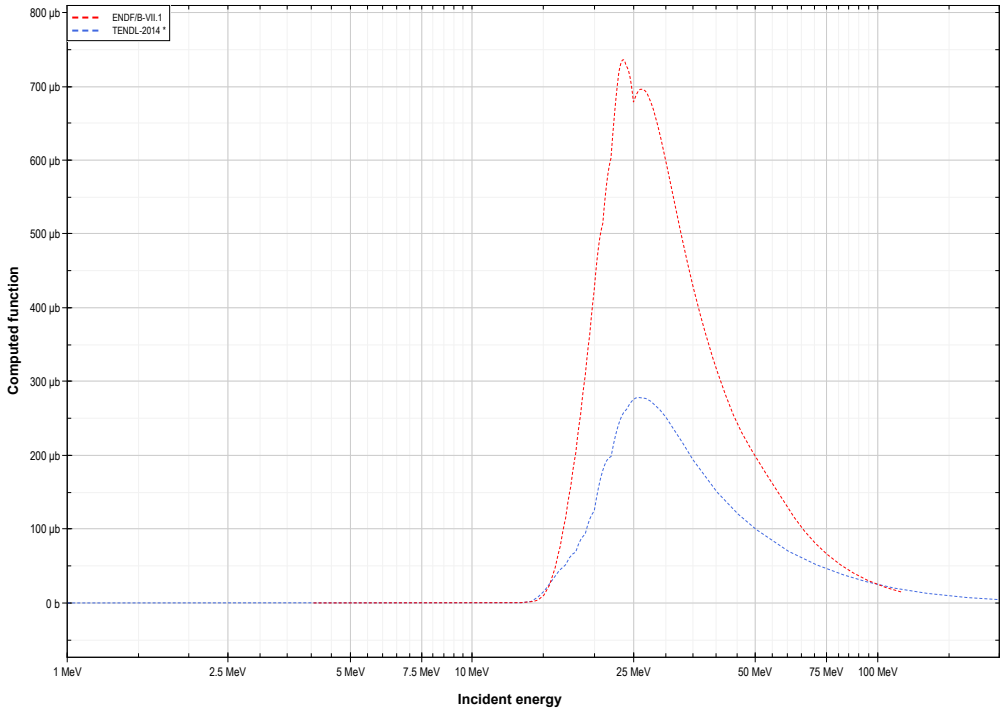
Reaction	Q-Value
Sn118(γ,3n)Sn115	-25834.05 keV

<< 46-Pd-108	**50-Sn-118**	64-Gd-160 >>
<< MT17 (γ,3n)	**MT103 (γ,p) or MT5 (In117 production)**	50-Sn-119 MT4 (γ,n) >>

Sn118 (γ,p) log-log



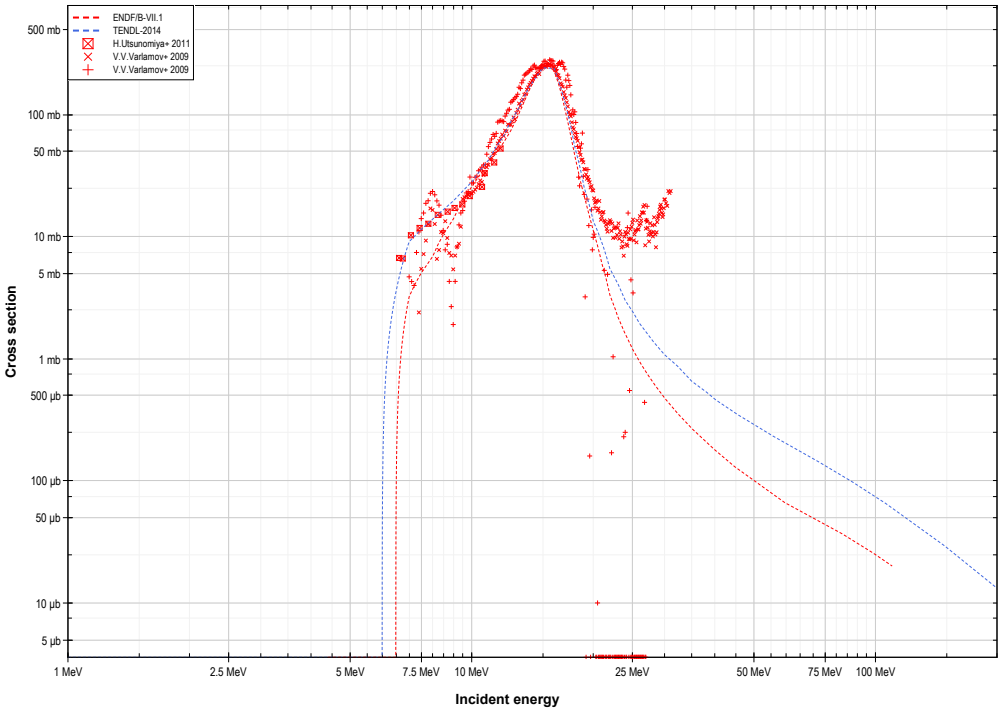
Sn118 (γ,p) lin-log



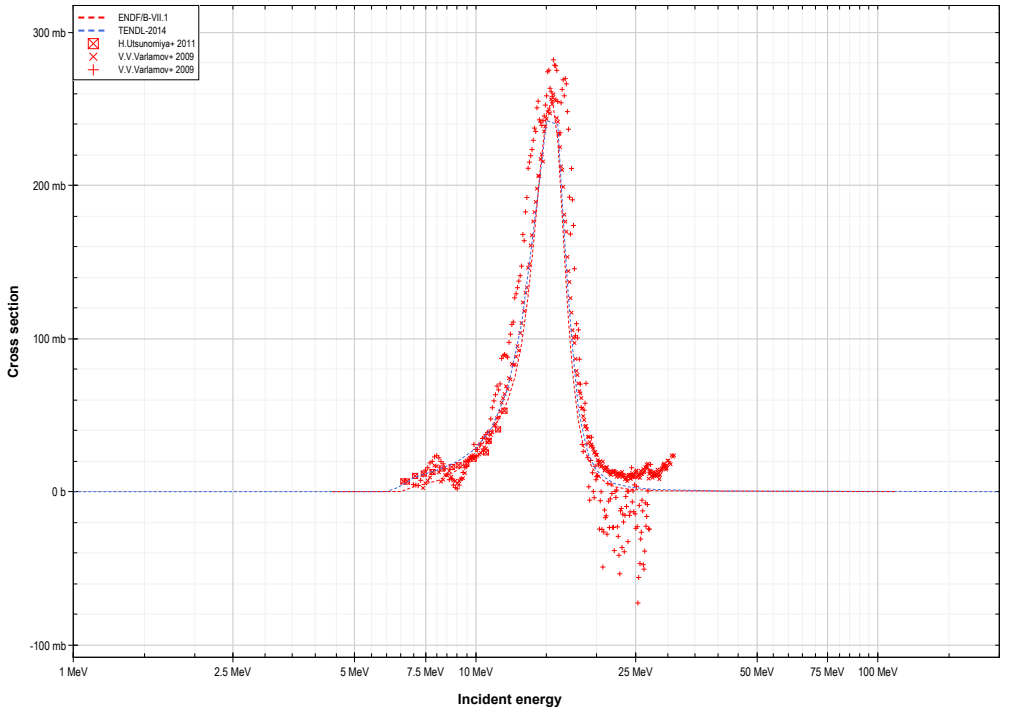
Reaction	Q-Value
Sn118(γ,p)In117	-10000.07 keV

<< 50-Sn-118	**50-Sn-119**	50-Sn-120 >>
<< 50-Sn-118 MT103 (γ,p)	**MT4 (γ,n) or MT5 (Sn118 production)**	MT16 (γ,2n) >>

Sn119 (γ,n) log-log



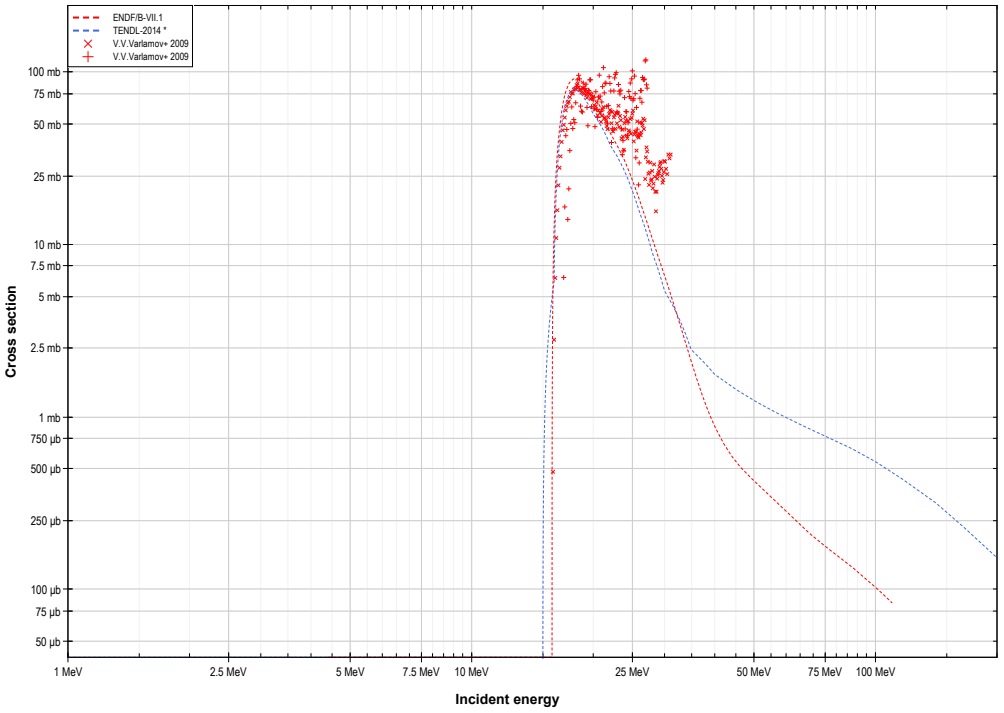
Sn119 (γ,n) lin-log



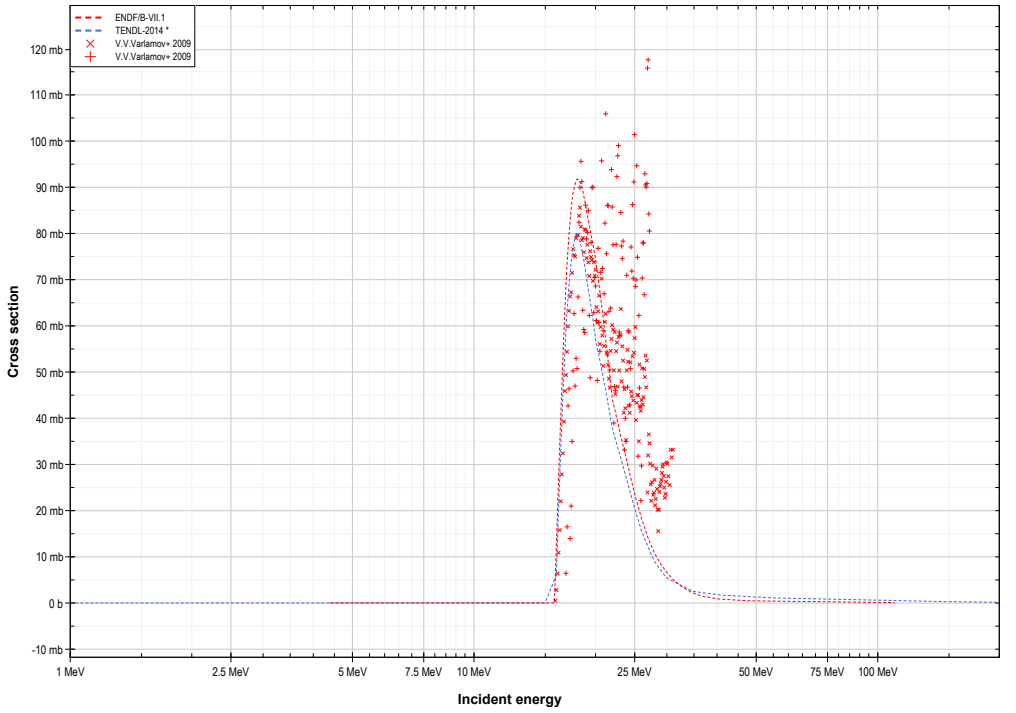
Reaction	Q-Value
Sn119(γ,n)Sn118	-6483.62 keV

<< 50-Sn-118	**50-Sn-119**	50-Sn-120 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sn117 production)**	MT17 (γ,3n) >>

Sn119 (γ,2n) log-log



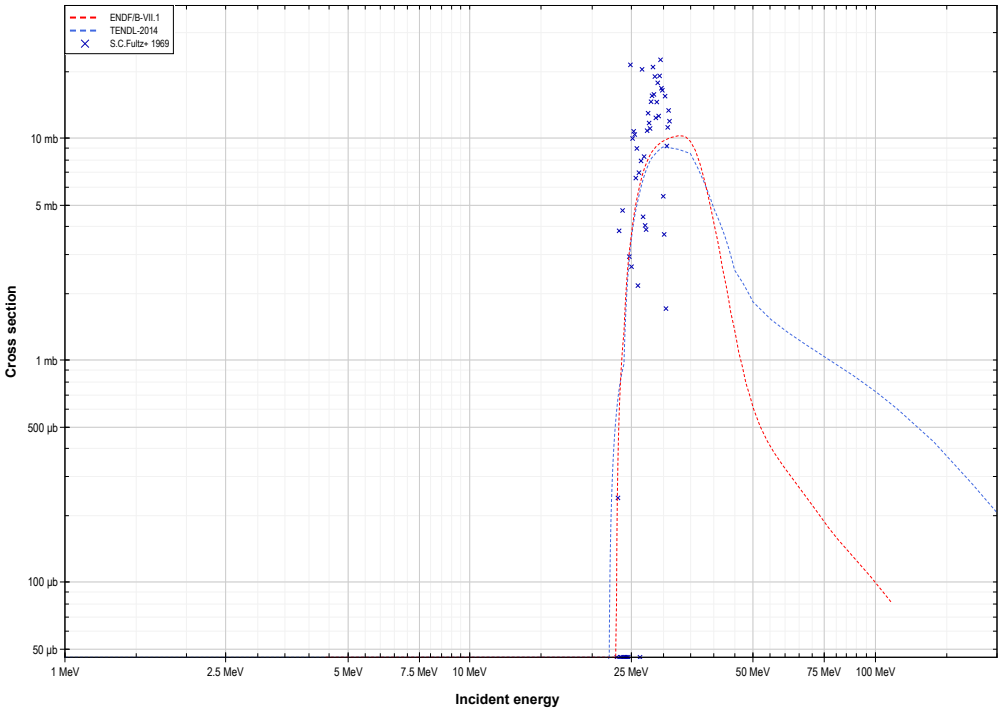
Sn119 (γ,2n) lin-log



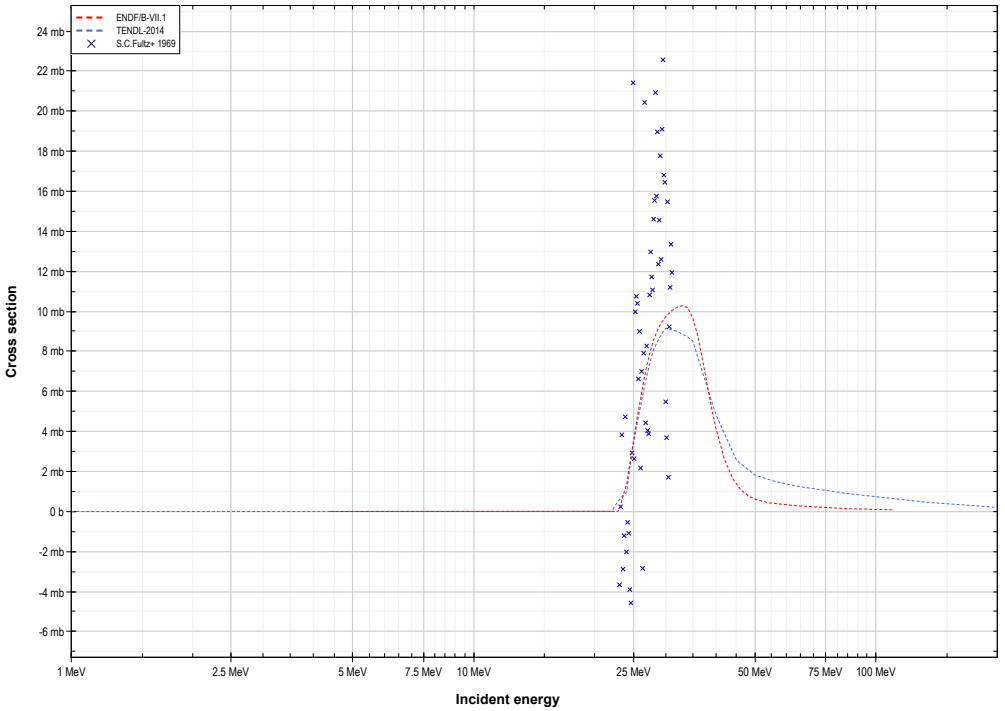
Reaction	Q-Value
Sn119(γ,2n)Sn117	-15811.03 keV

<< 50-Sn-118	**50-Sn-119**	50-Sn-120 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (Sn116 production)**	50-Sn-120 MT4 (γ,n) >>

Sn119 (γ,3n) log-log



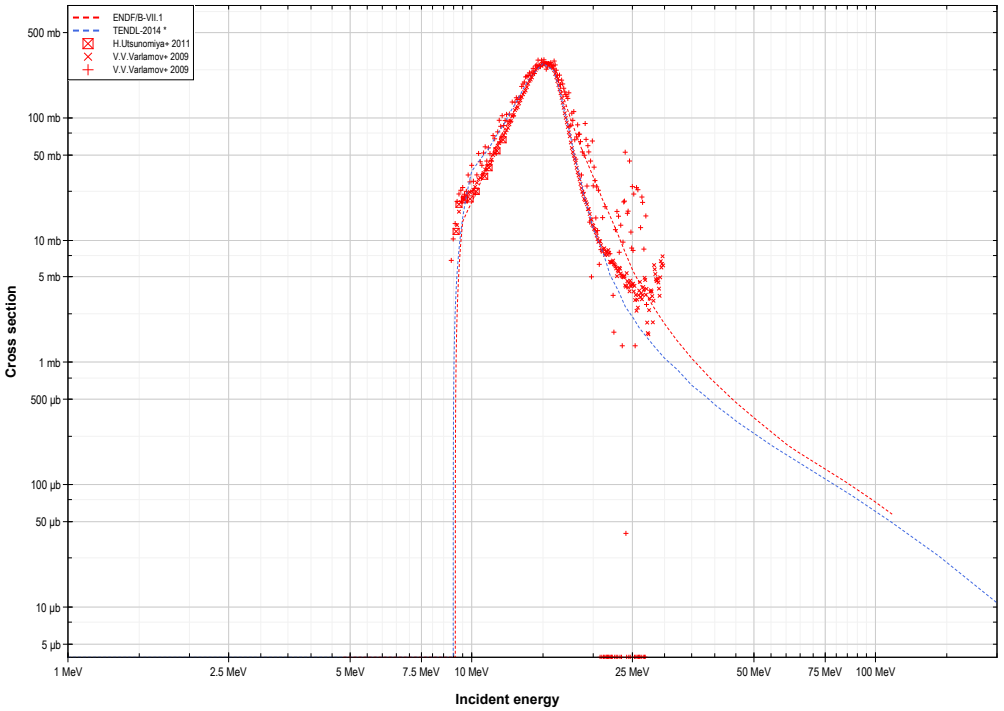
Sn119 (γ,3n) lin-log



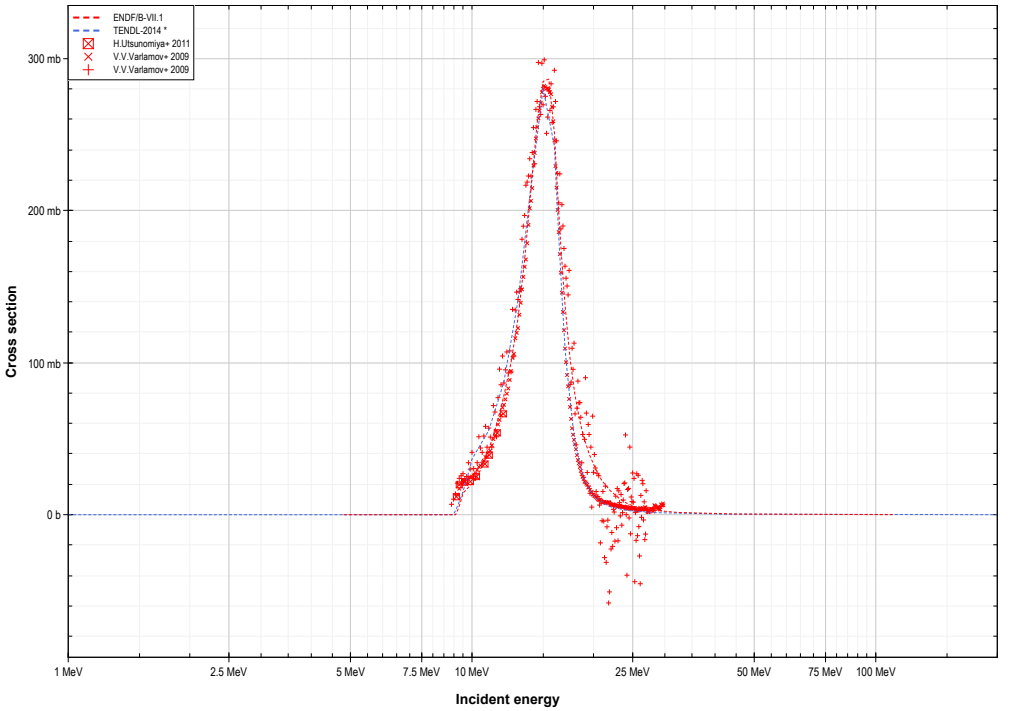
Reaction	Q-Value
Sn119(γ,3n)Sn116	-22754.25 keV

<< 50-Sn-119	**50-Sn-120**	50-Sn-122 >>
<< 50-Sn-119 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Sn119 production)**	MT16 (γ,2n) >>

Sn120 (γ,n) log-log



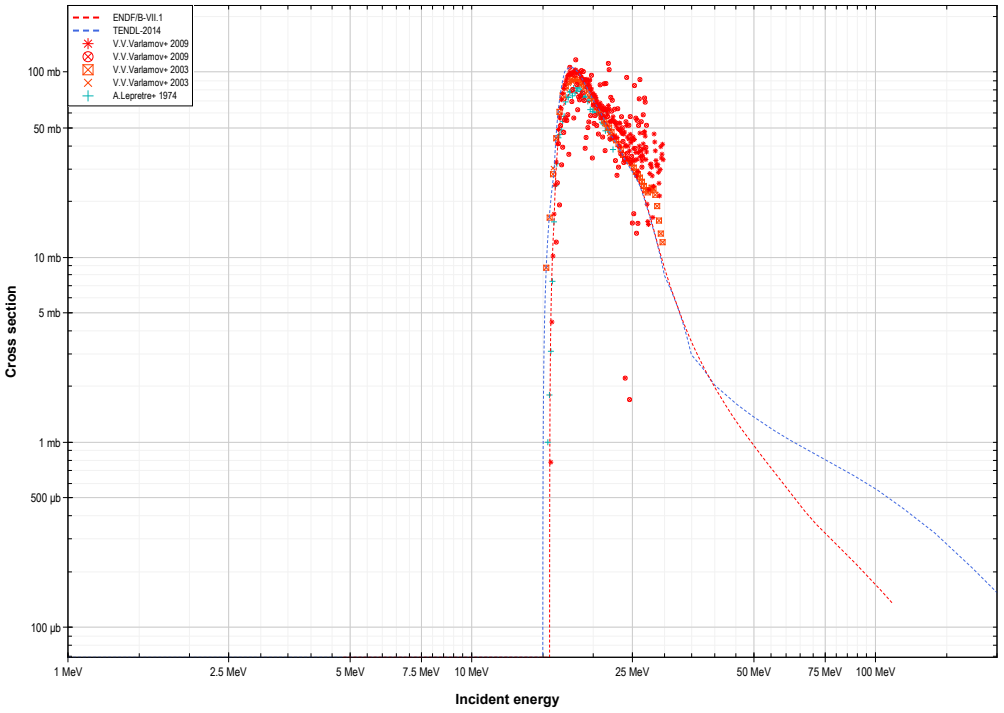
Sn120 (γ,n) lin-log



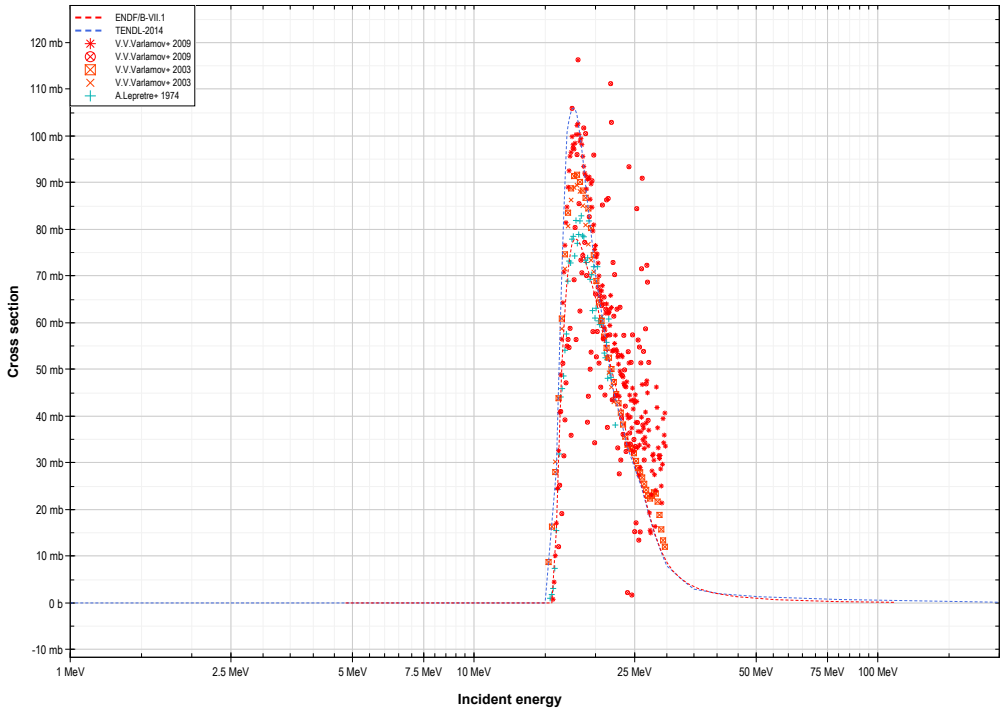
Reaction	Q-Value
Sn120(γ,n)Sn119	-9108.02 keV

<< 50-Sn-119	**50-Sn-120**	50-Sn-122 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sn118 production)**	MT17 (γ,3n) >>

Sn120 (γ,2n) log-log



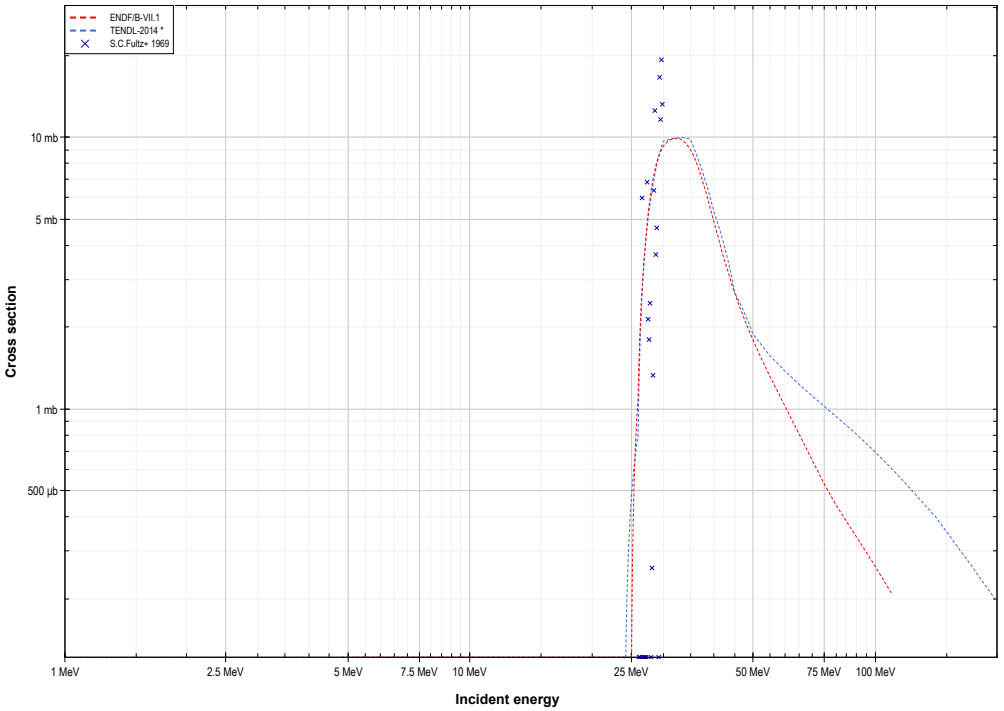
Sn120 (γ,2n) lin-log



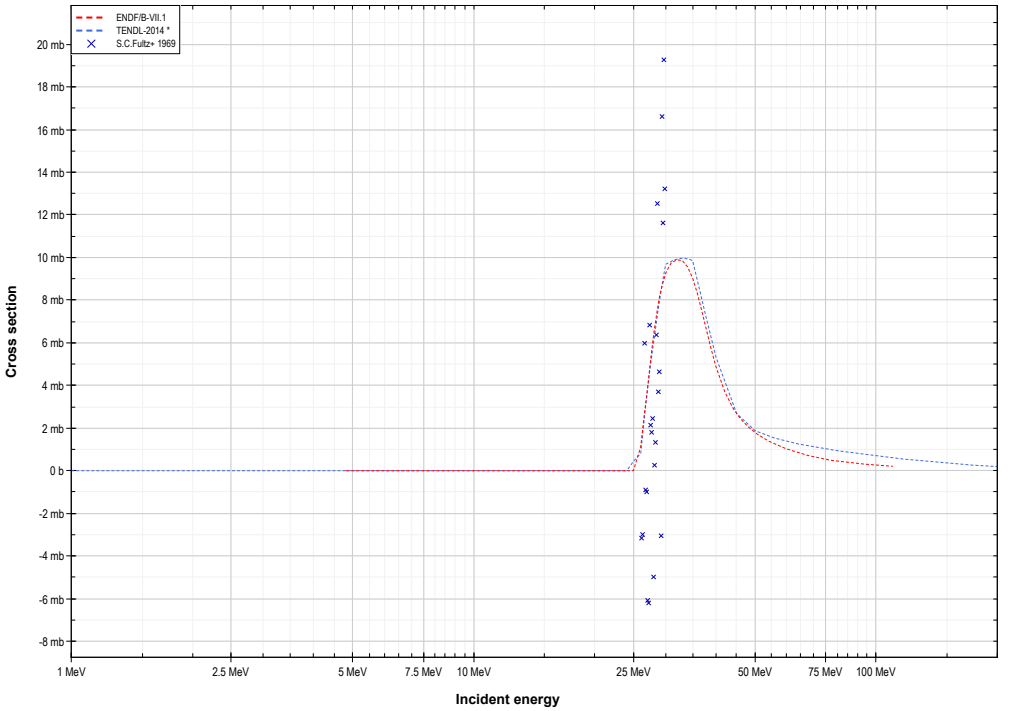
Reaction	Q-Value
Sn120(γ,2n)Sn118	-15591.63 keV

<< 50-Sn-119	**50-Sn-120**	50-Sn-124 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (Sn117 production)**	50-Sn-122 MT4 (γ,n) >>

Sn120 (γ,3n) log-log



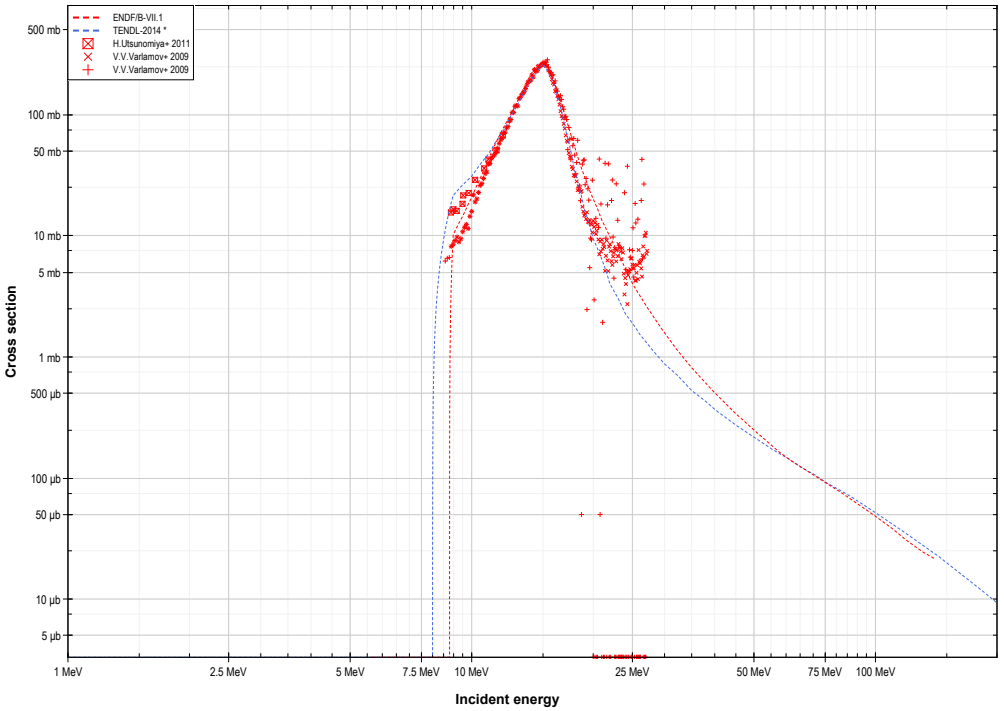
Sn120 (γ,3n) lin-log



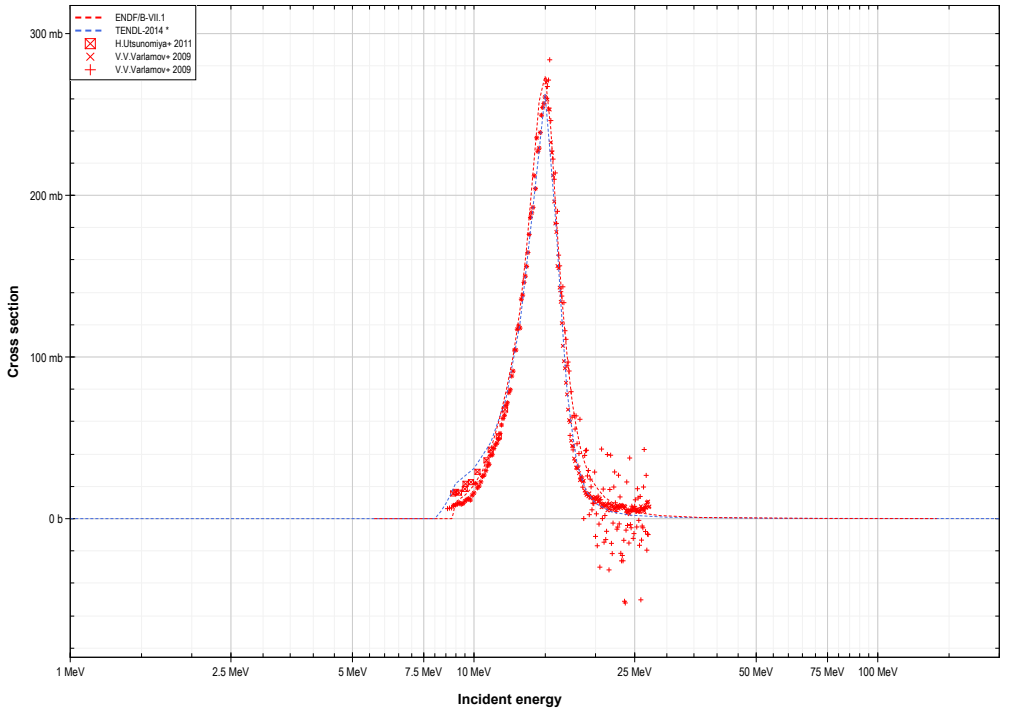
Reaction	Q-Value
Sn120(γ,3n)Sn117	-24919.05 keV

<< 50-Sn-120	**50-Sn-122**	50-Sn-124 >>
<< 50-Sn-120 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Sn121 production)**	MT16 (γ,2n) >>

Sn122 (γ,n) log-log



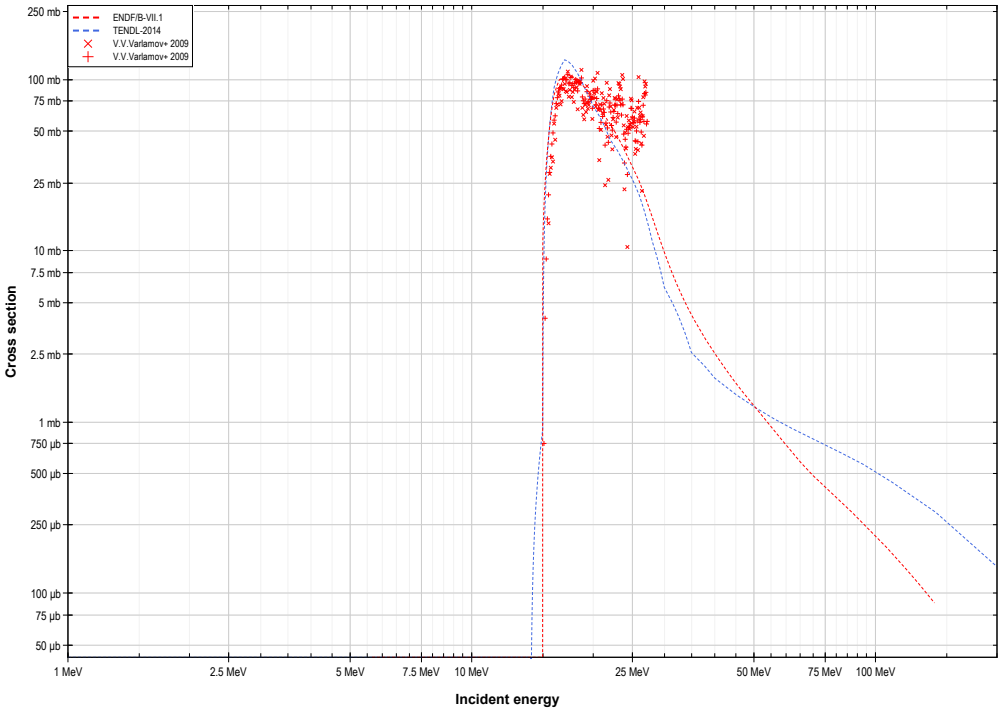
Sn122 (γ,n) lin-log



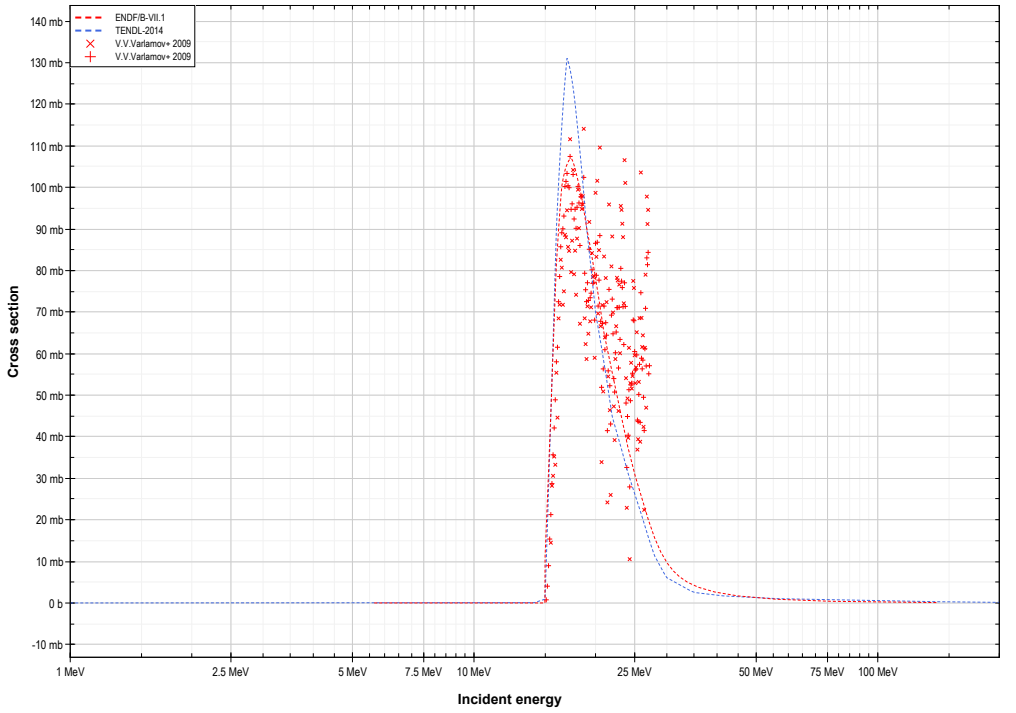
Reaction	Q-Value
Sn122(γ,n)Sn121	-8813.12 keV

<< 50-Sn-120	**50-Sn-122**	50-Sn-124 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sn120 production)**	50-Sn-124 MT4 (γ,n) >>

Sn122 (γ,2n) log-log



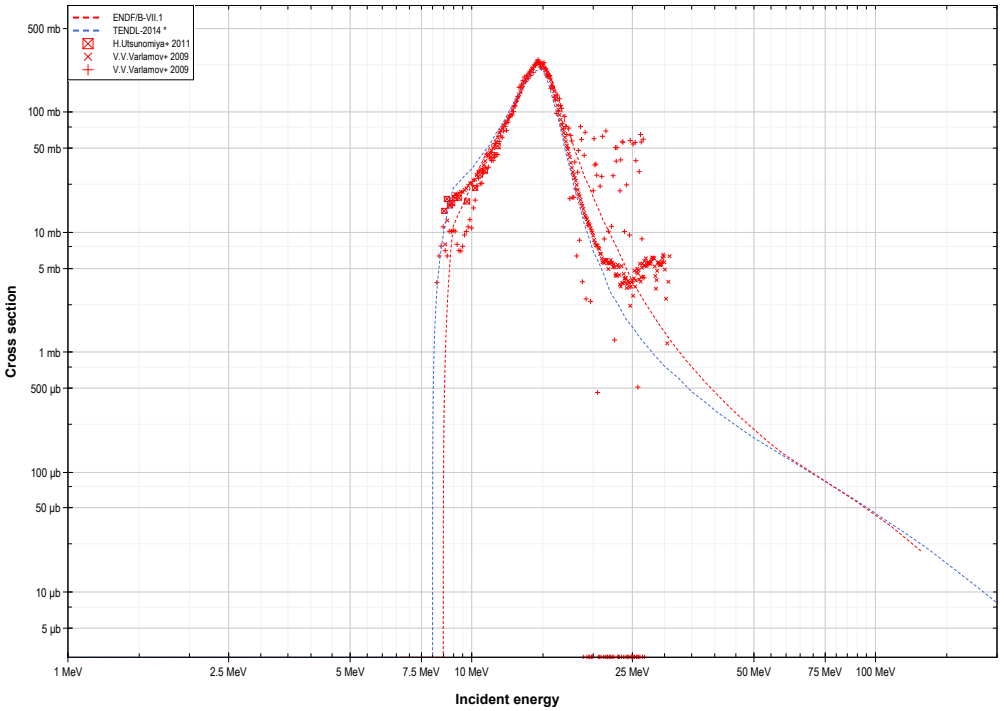
Sn122 (γ,2n) lin-log



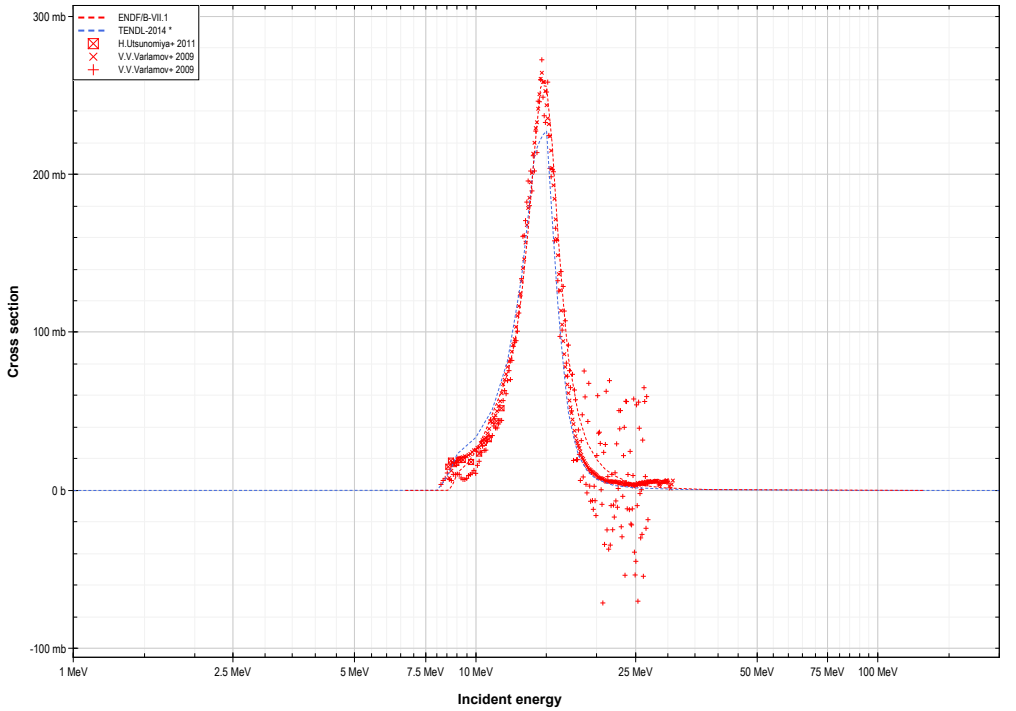
Reaction	Q-Value
Sn122(γ,2n)Sn120	-14983.43 keV

<< 50-Sn-122	**50-Sn-124**	51-Sb-121 >>
<< 50-Sn-122 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Sn123 production)**	MT16 (γ,2n) >>

Sn124 (γ,n) log-log



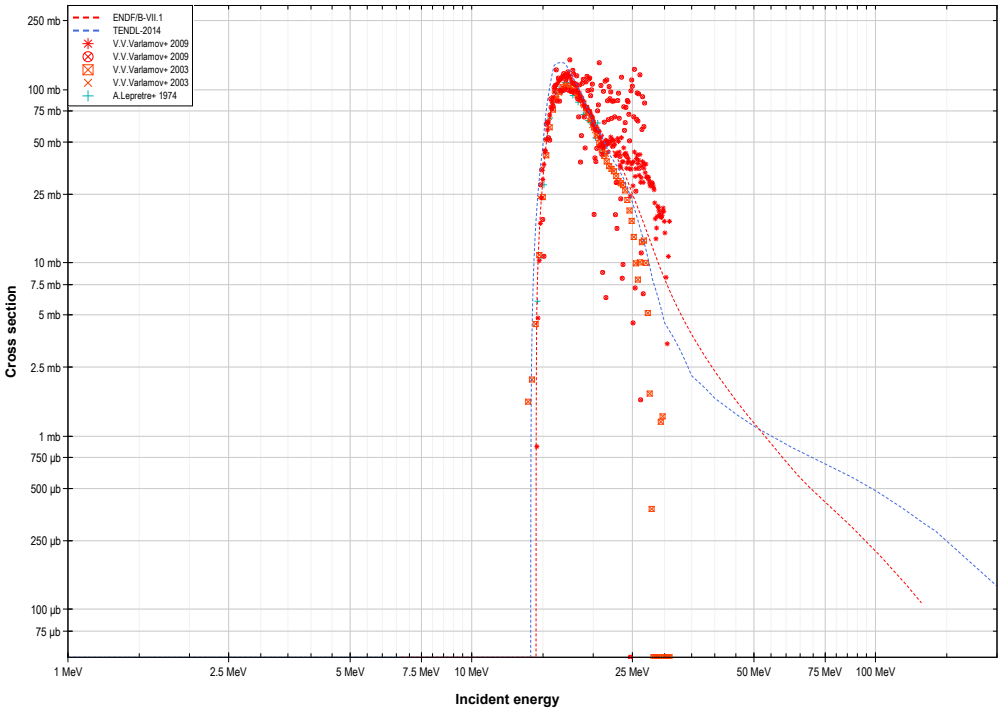
Sn124 (γ,n) lin-log



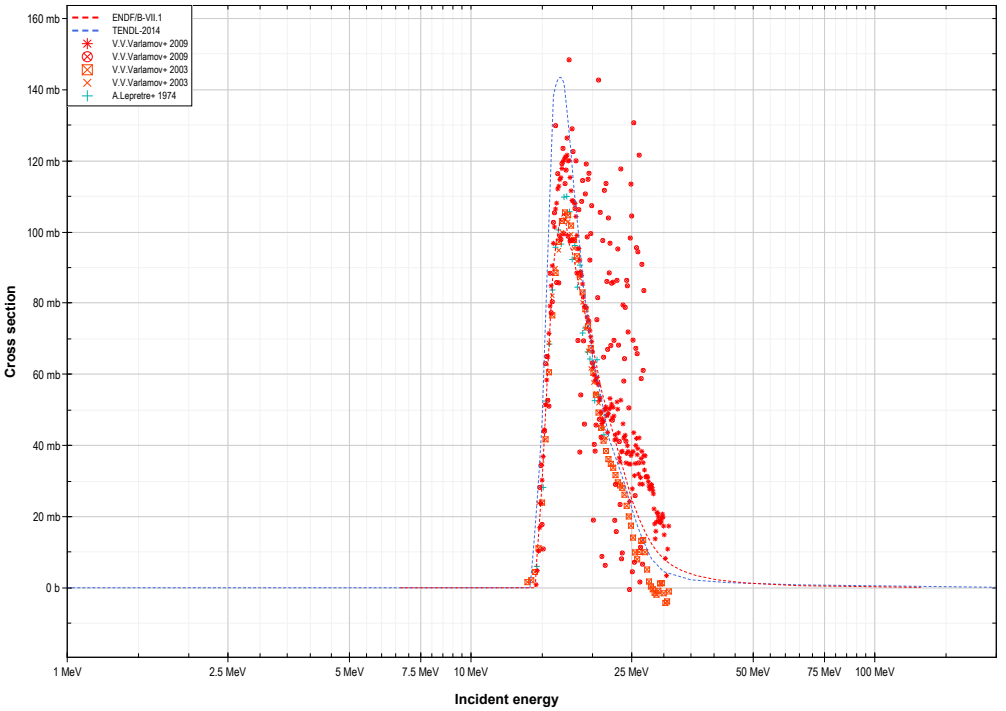
Reaction	Q-Value
Sn124(γ,n)Sn123	-8487.62 keV

<< 50-Sn-122	**50-Sn-124**	53-I-127 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sn122 production)**	MT17 (γ,3n) >>

Sn124 (γ,2n) log-log



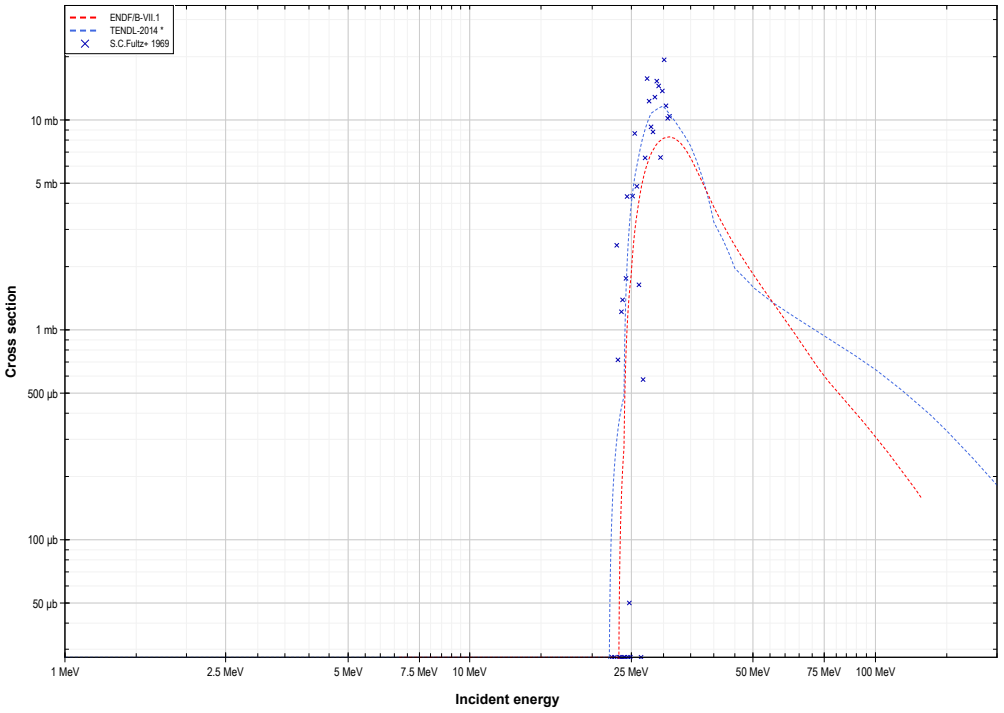
Sn124 (γ,2n) lin-log



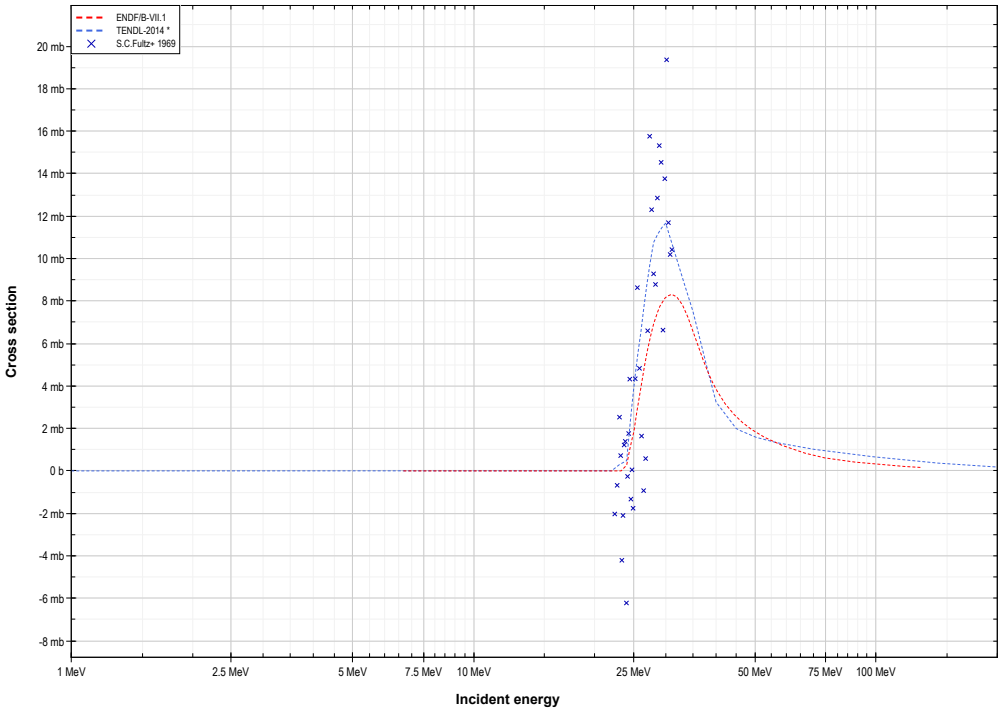
Reaction	Q-Value
Sn124(γ,2n)Sn122	-14433.53 keV

<< 50-Sn-120	**50-Sn-124**	53-I-127 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (Sn121 production)**	51-Sb-121 MT4 (γ,n) >>

Sn124 (γ,3n) log-log



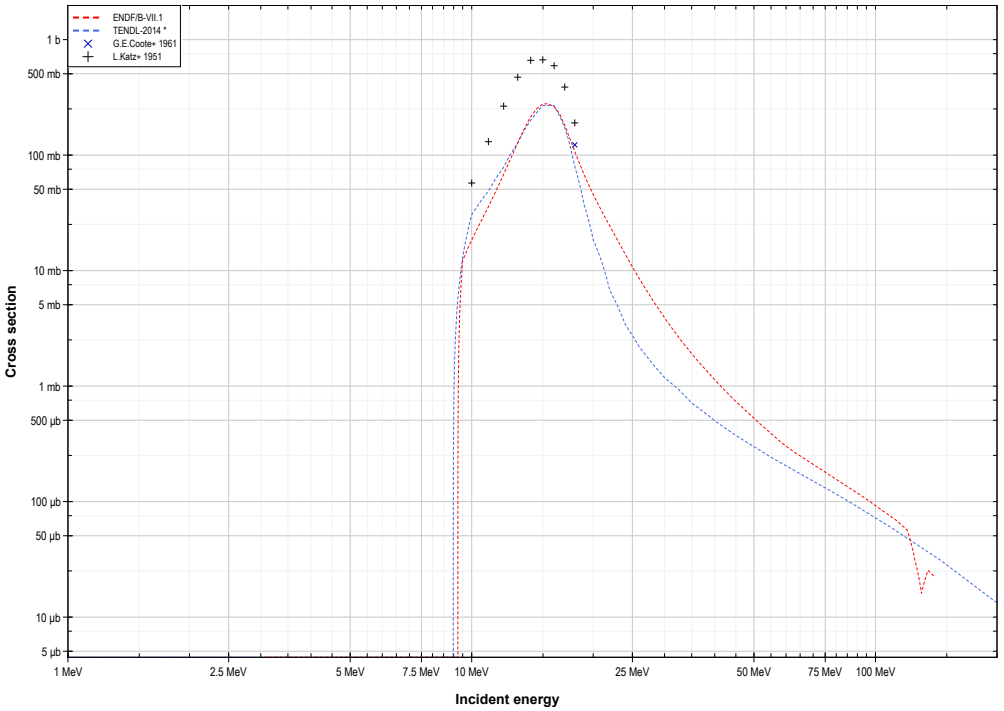
Sn124 (γ,3n) lin-log



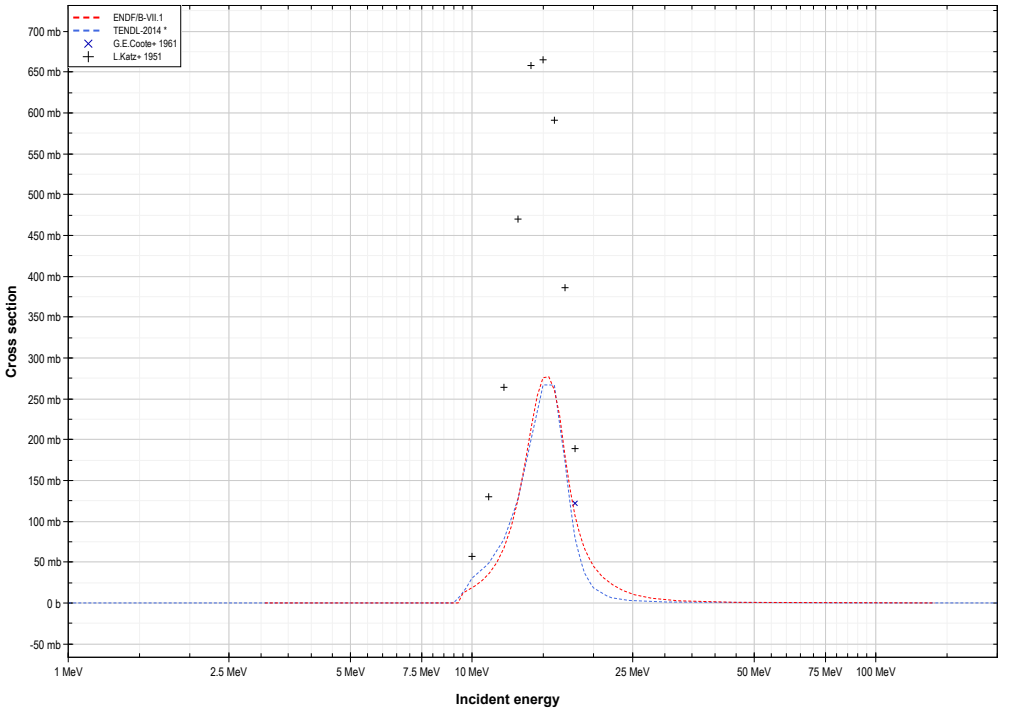
Reaction	Q-Value
Sn124(γ,3n)Sn121	-23246.65 keV

<< 50-Sn-124	**51-Sb-121**	51-Sb-123 >>
<< 50-Sn-124 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Sb120 production)**	51-Sb-123 MT4 (γ,n) >>

Sb121 (γ,n) log-log



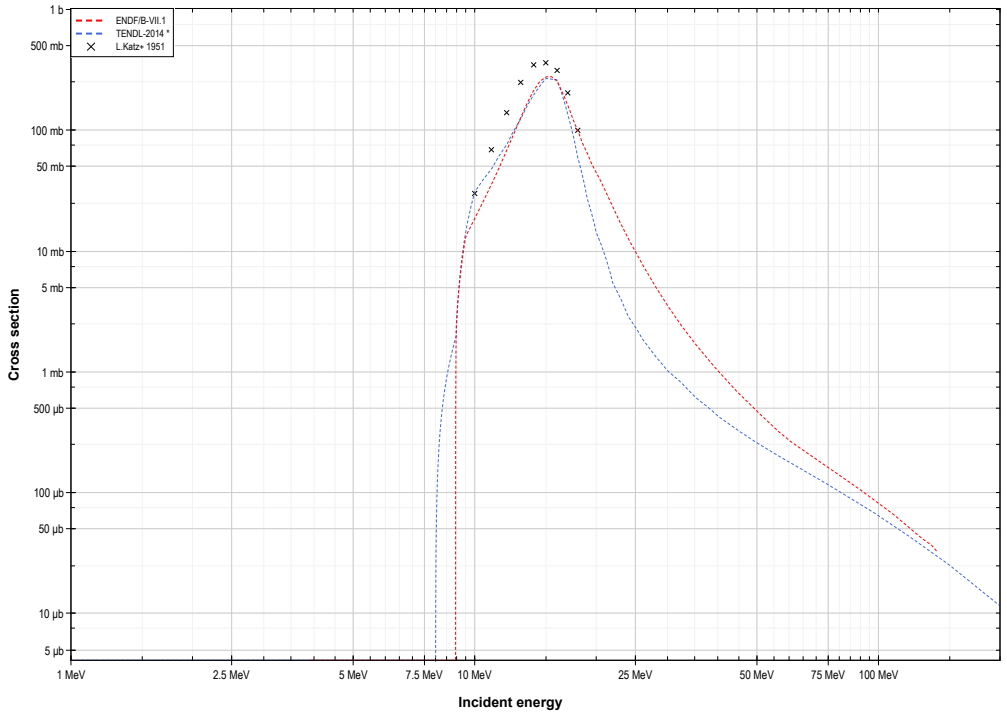
Sb121 (γ,n) lin-log



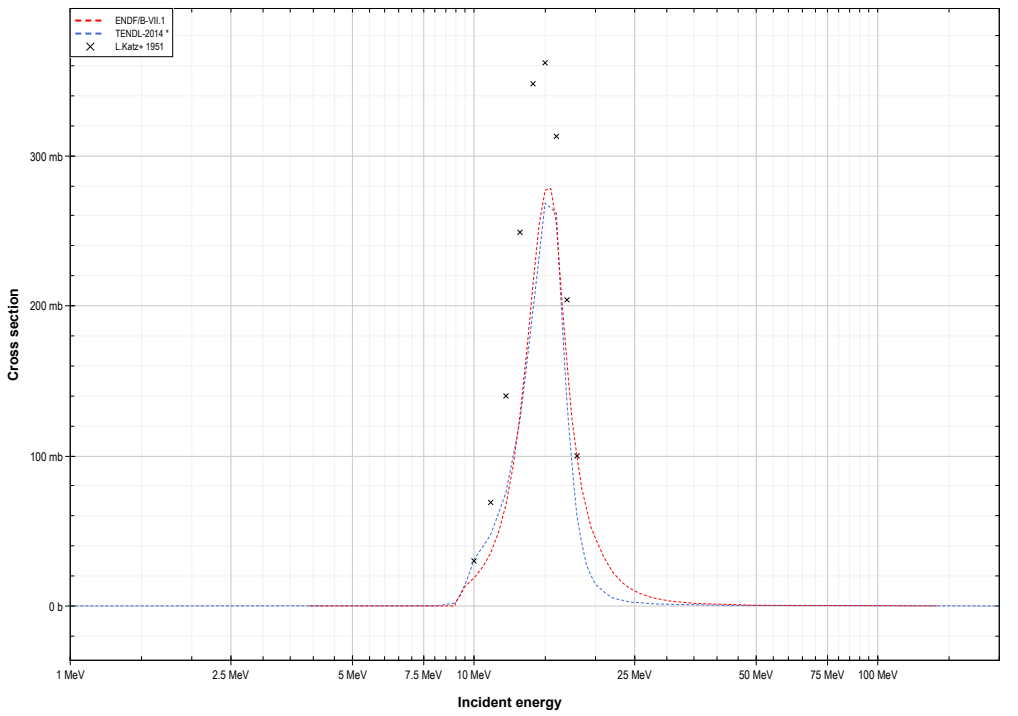
Reaction	Q-Value
Sb121(γ,n)Sb120	-9242.42 keV

<< 51-Sb-121	**51-Sb-123**	52-Te-120 >>
<< 51-Sb-121 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Sb122 production)**	52-Te-120 MT4 (γ,n) >>

Sb123 (γ,n) log-log



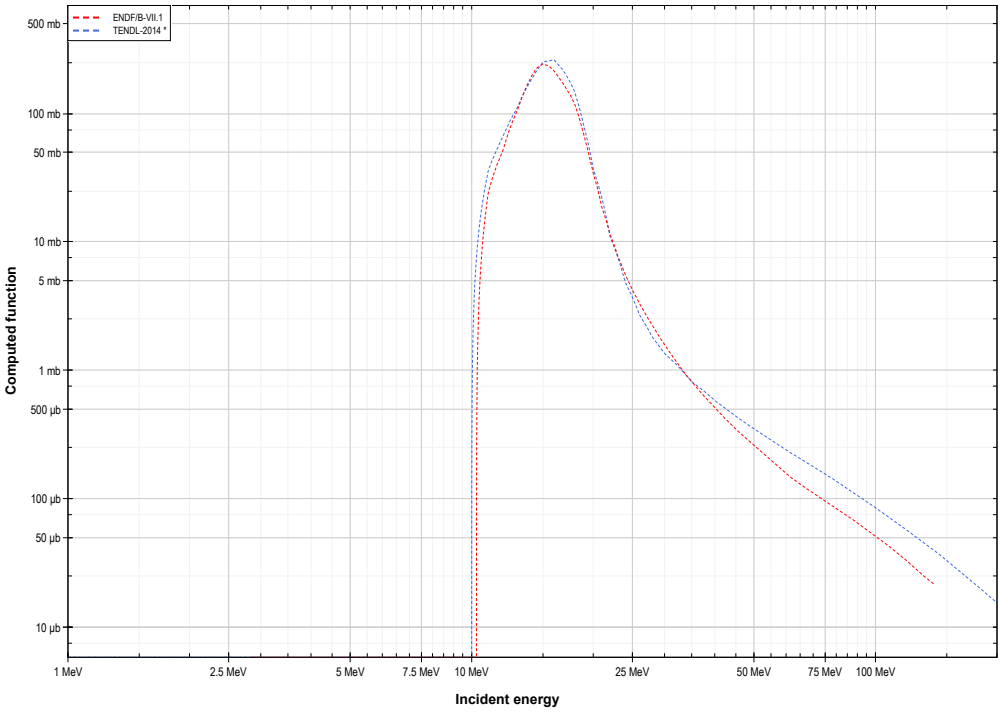
Sb123 (γ,n) lin-log



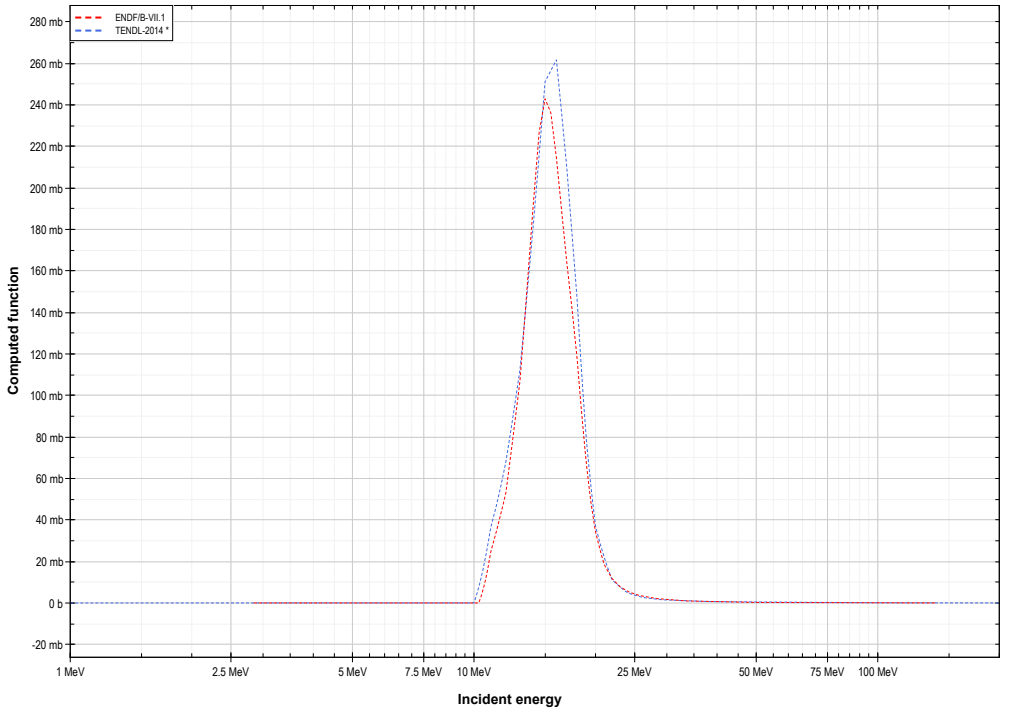
Reaction	Q-Value
Sb123(γ,n)Sb122	-8965.22 keV

<< 51-Sb-123	**52-Te-120**	52-Te-122 >>
<< 51-Sb-123 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Te119 production)**	52-Te-122 MT4 (γ,n) >>

Te120 (γ,n) log-log



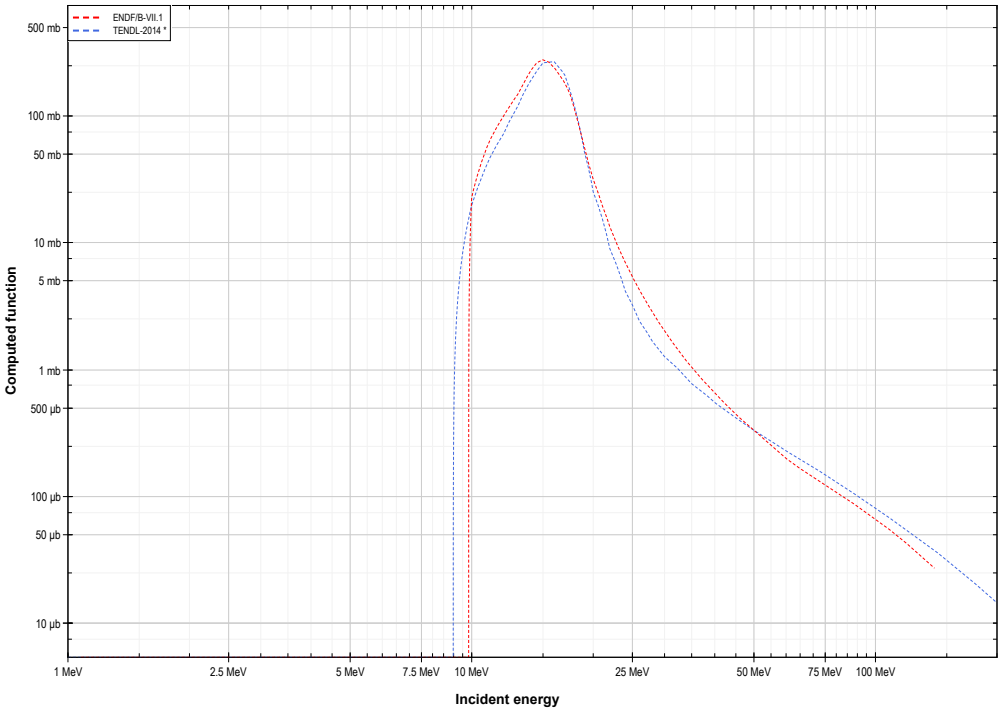
Te120 (γ,n) lin-log



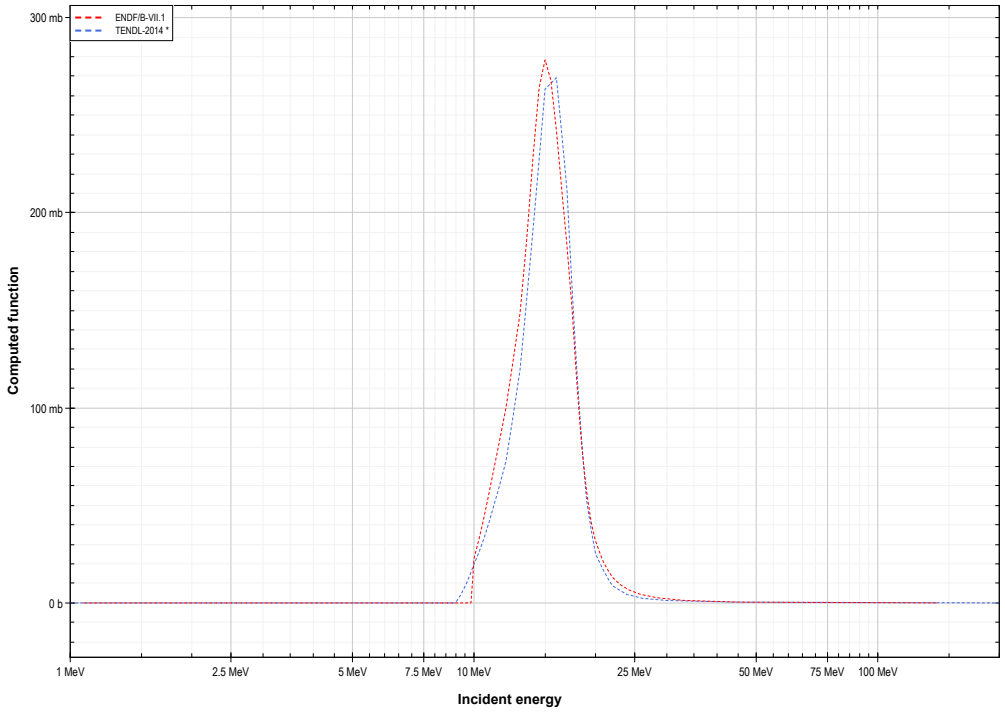
Reaction	Q-Value
Te120(γ,n)Te119	-10292.32 keV

<< 52-Te-120	**52-Te-122**	52-Te-124 >>
<< 52-Te-120 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Te121 production)**	52-Te-124 MT4 (γ,n) >>

Te122 (γ,n) log-log



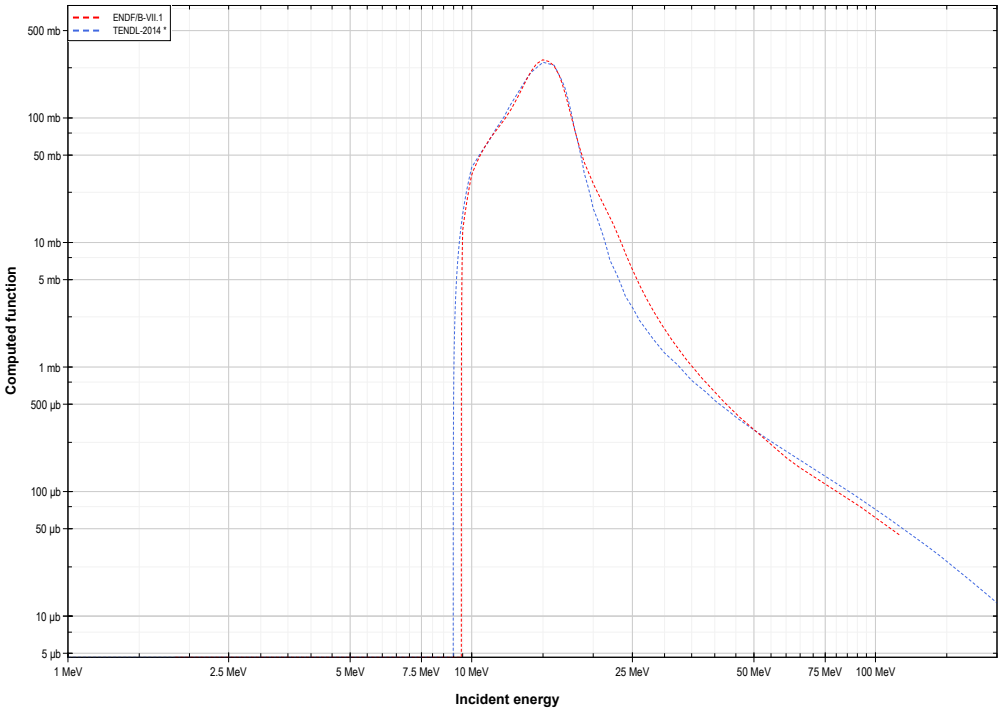
Te122 (γ,n) lin-log



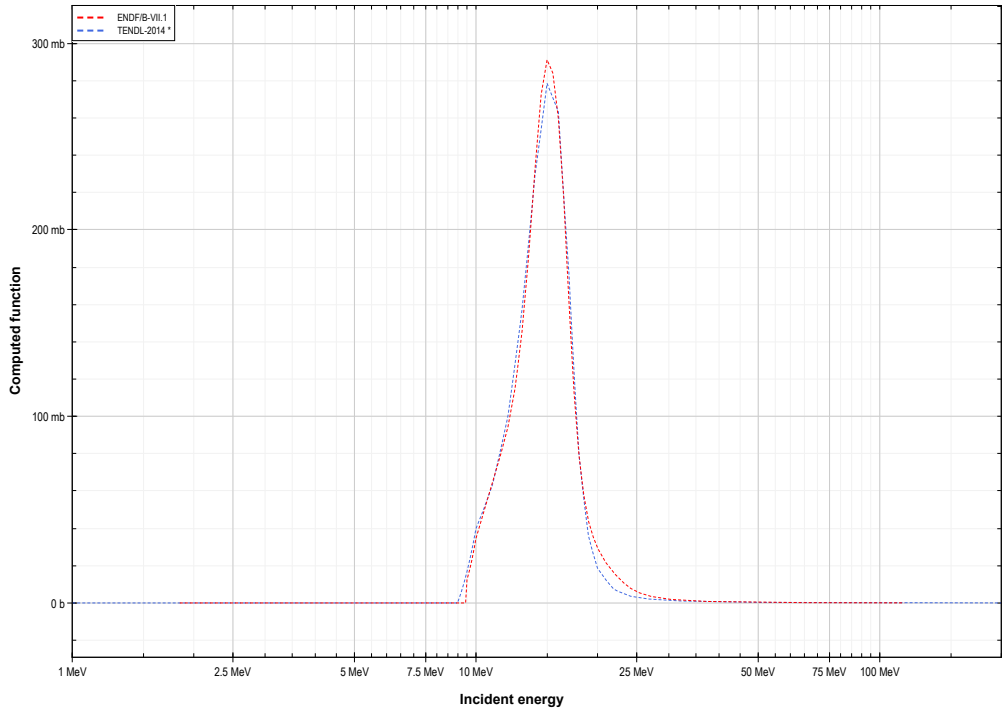
Reaction	Q-Value
Te122(γ,n)Te121	-9834.32 keV

<< 52-Te-122	**52-Te-124**	52-Te-128 >>
<< 52-Te-122 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Te123 production)**	52-Te-128 MT4 (γ,n) >>

Te124 (γ,n) log-log



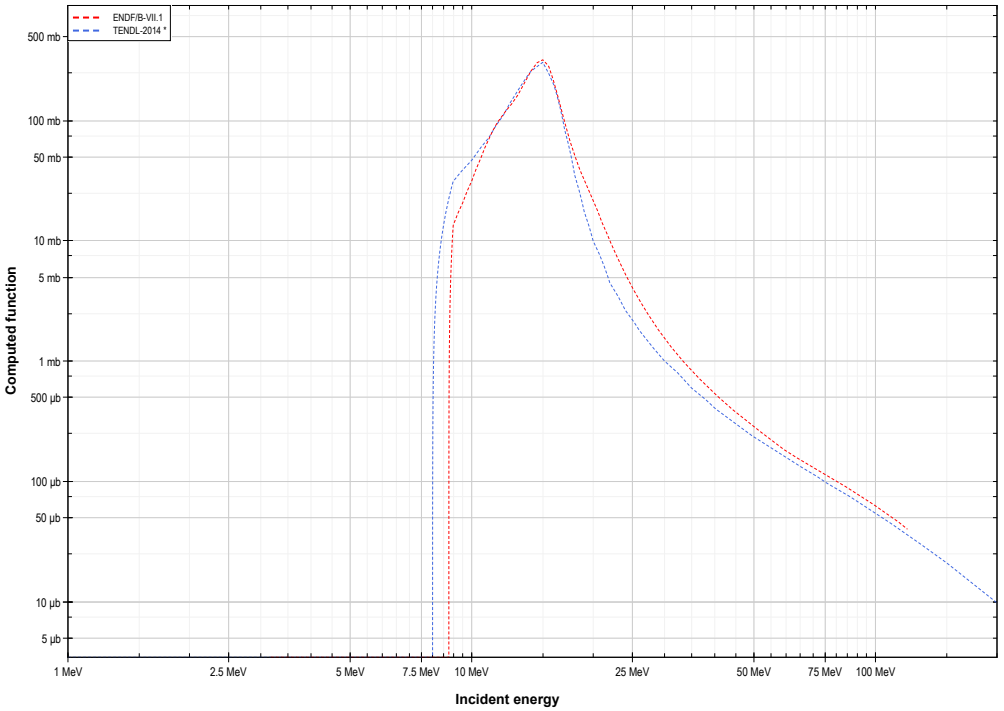
Te124 (γ,n) lin-log



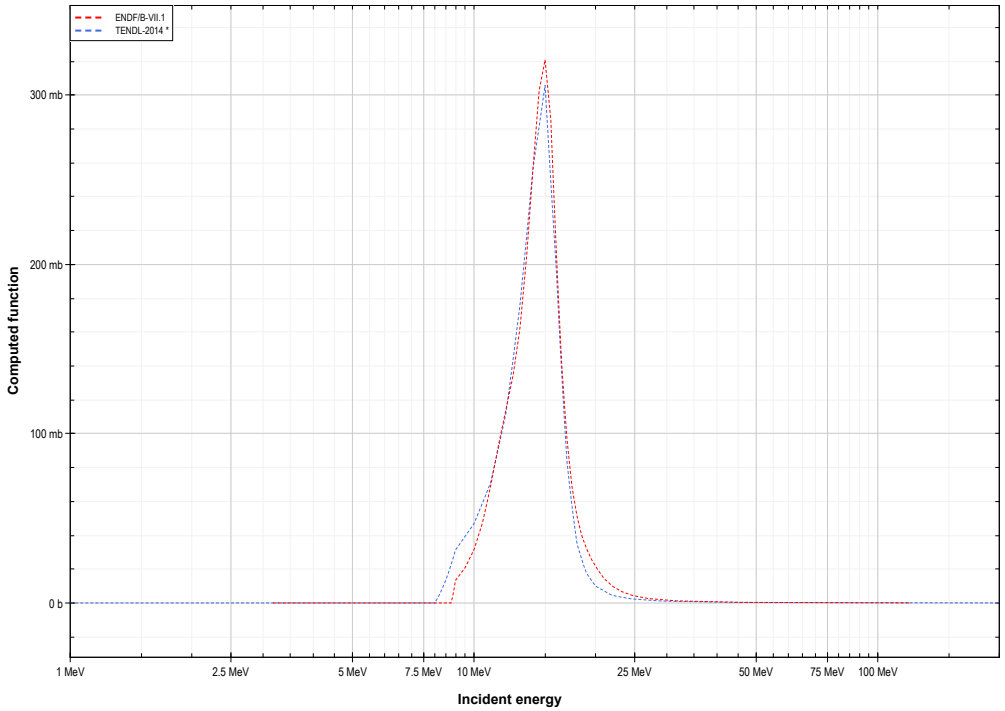
Reaction	Q-Value
Te124(γ,n)Te123	-9423.92 keV

<< 52-Te-124	**52-Te-128**	52-Te-130 >>
<< 52-Te-124 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Te127 production)**	52-Te-130 MT4 (γ,n) >>

Te128 (γ,n) log-log



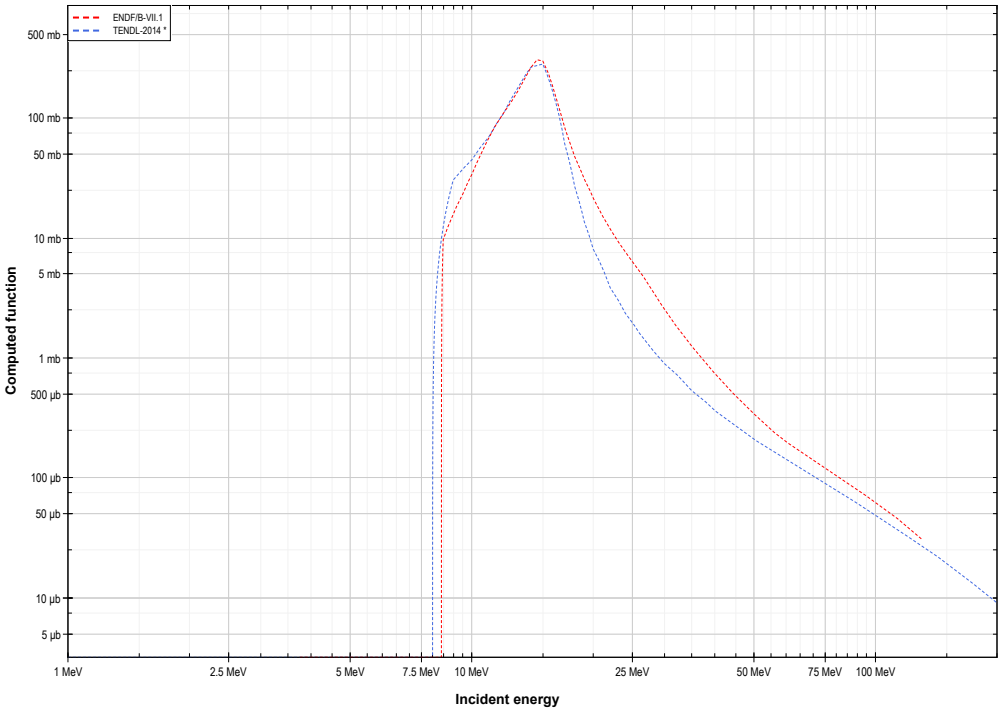
Te128 (γ,n) lin-log



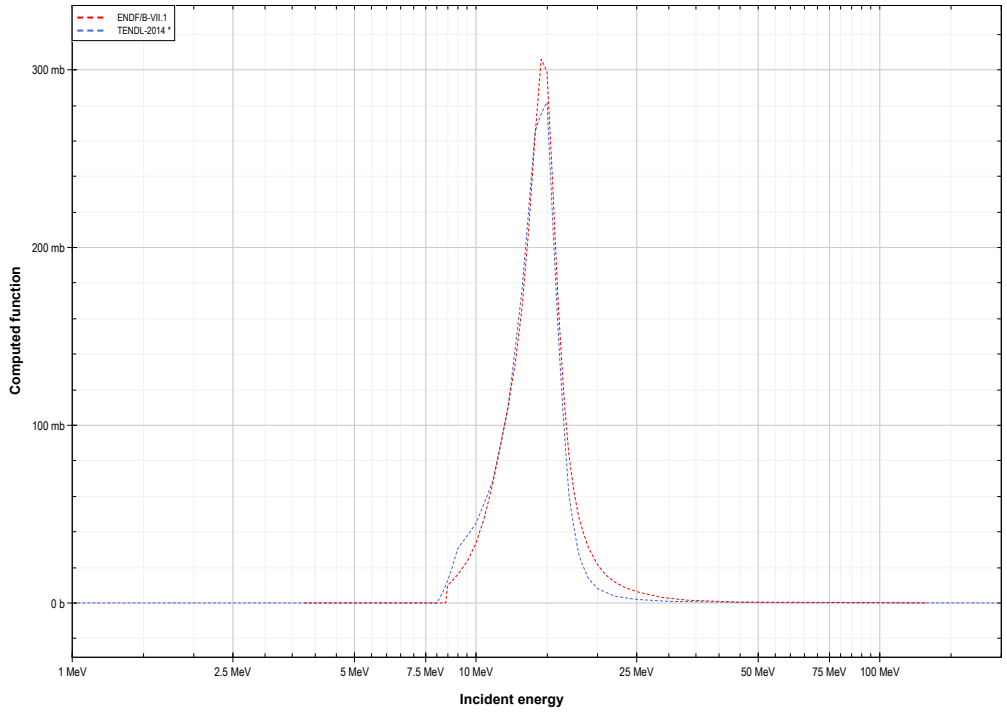
Reaction	Q-Value
Te128(γ,n)Te127	-8782.32 keV

<< 52-Te-128	**52-Te-130**	53-I-127 >>
<< 52-Te-128 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Te129 production)**	53-I-127 MT4 (γ,n) >>

Te130 (γ,n) log-log



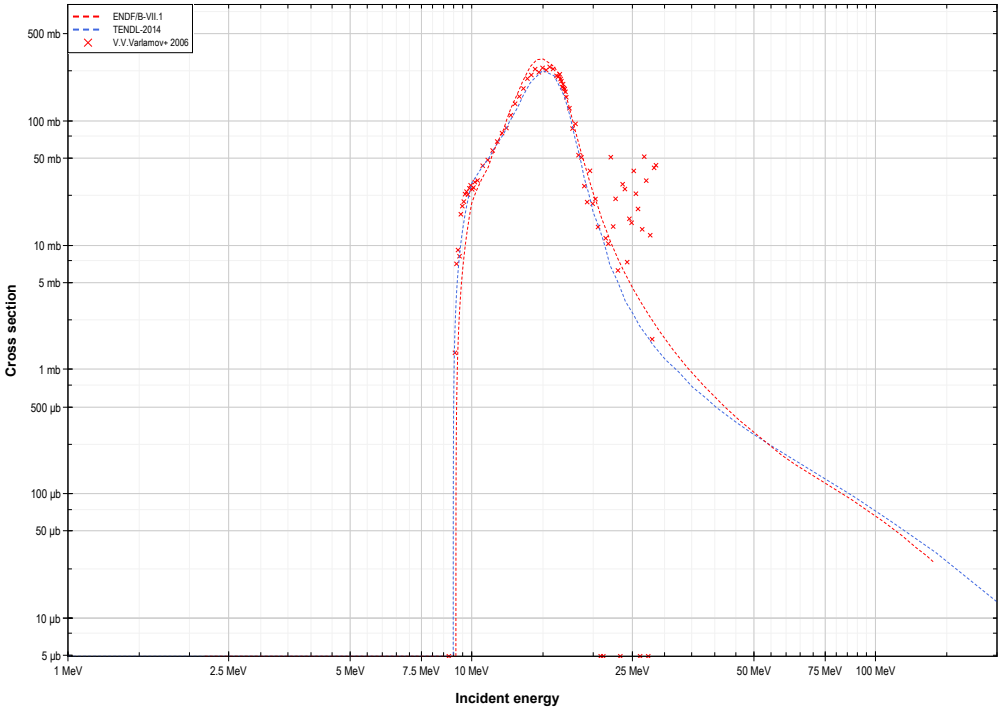
Te130 (γ,n) lin-log



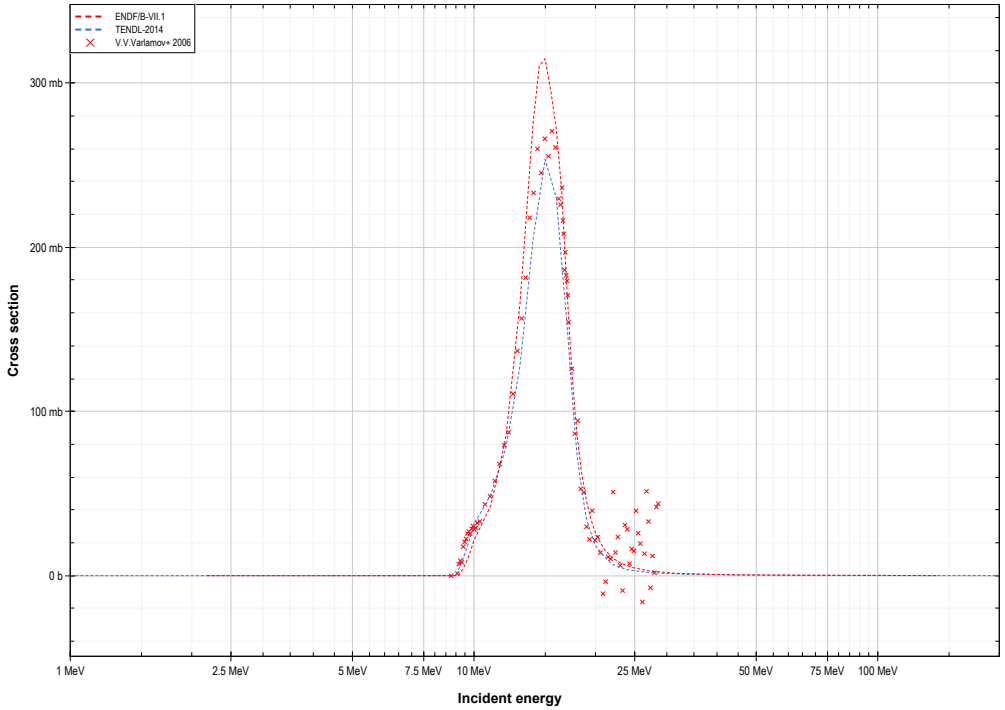
Reaction	Q-Value
Te130(γ,n)Te129	-8419.52 keV

<< 52-Te-130	**53-I-127**	53-I-129 >>
<< 52-Te-130 MT4 (γ,n)	**MT4 (γ,n) or MT5 (I126 production)**	MT16 (γ,2n) >>

I127 (γ,n) log-log



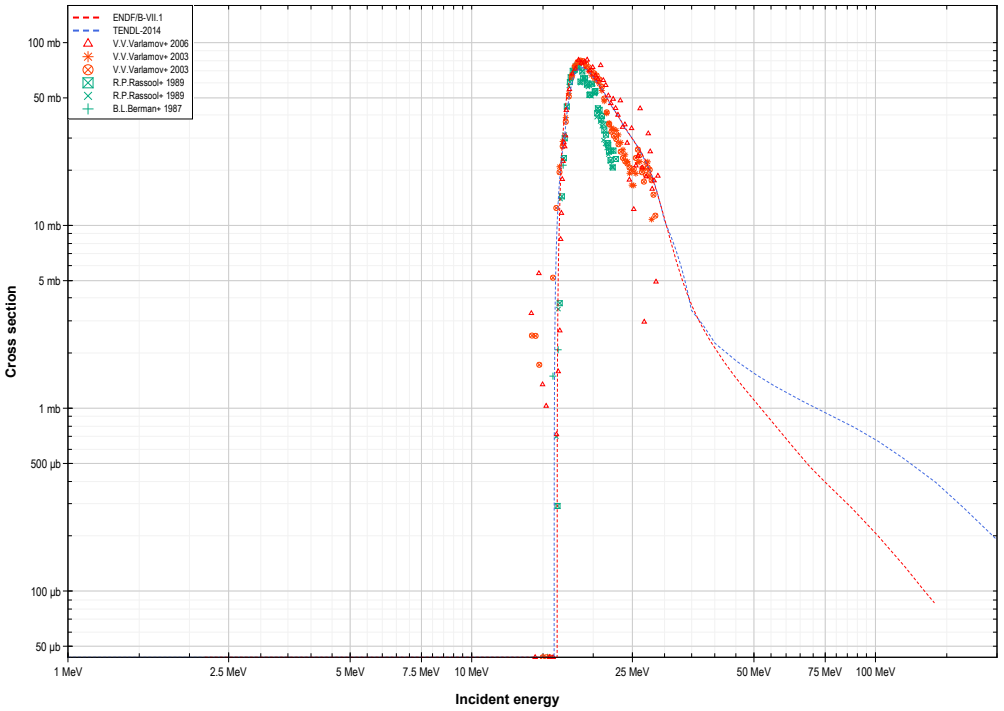
I127 (γ,n) lin-log



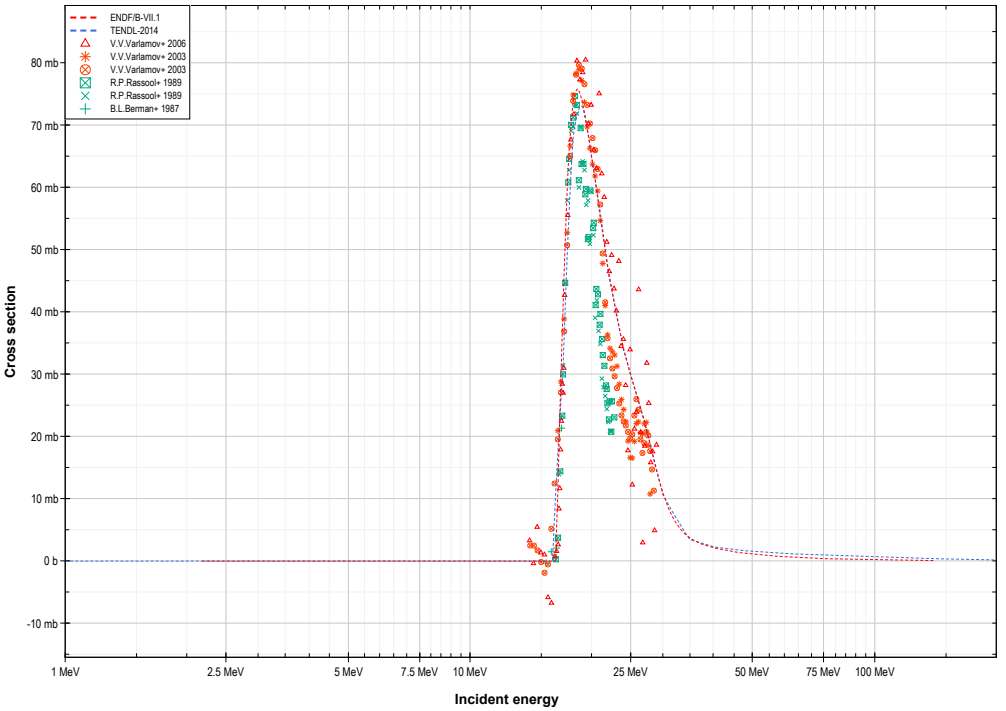
Reaction	Q-Value
I127(γ,n)I126	-9143.32 keV

<< 50-Sn-124	**53-I-127**	55-Cs-133 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (I125 production)**	MT17 (γ,3n) >>

I127 (γ,2n) log-log



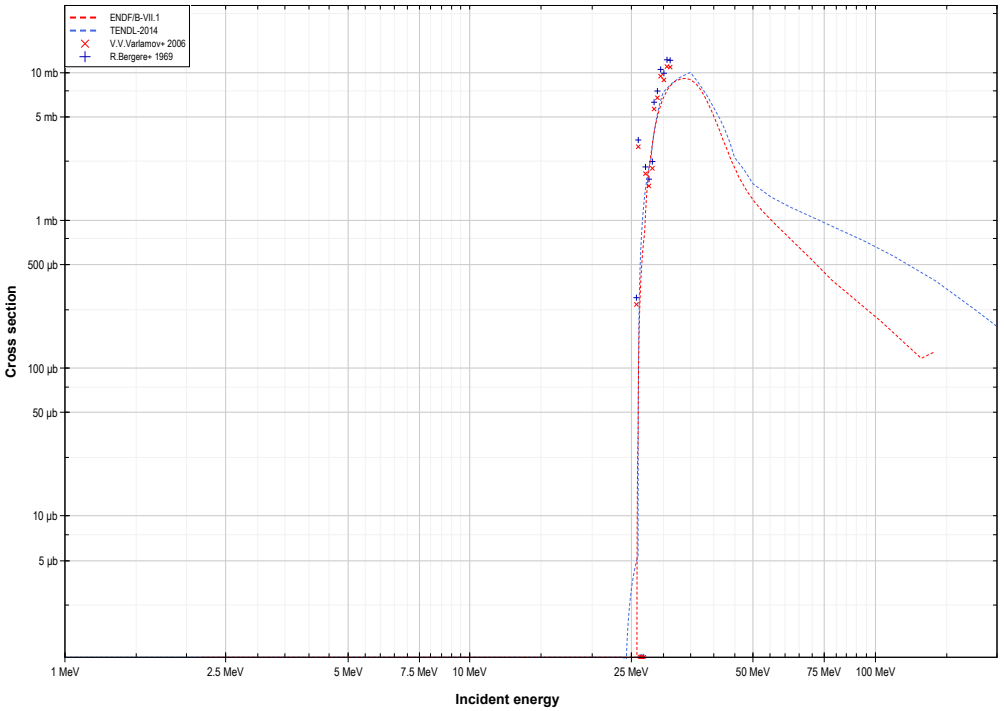
I127 (γ,2n) lin-log



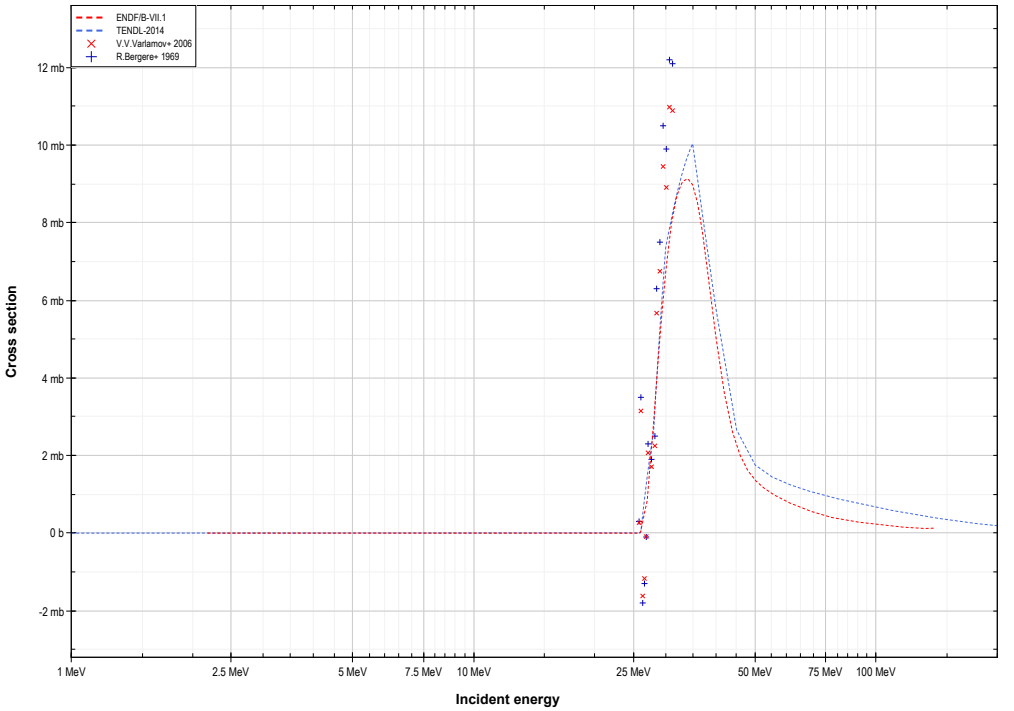
Reaction	Q-Value
I127(γ,2n)I125	-16289.23 keV

<< 50-Sn-124	**53-I-127**	55-Cs-133 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (I124 production)**	53-I-129 MT4 (γ,n) >>

I127 (γ,3n) log-log



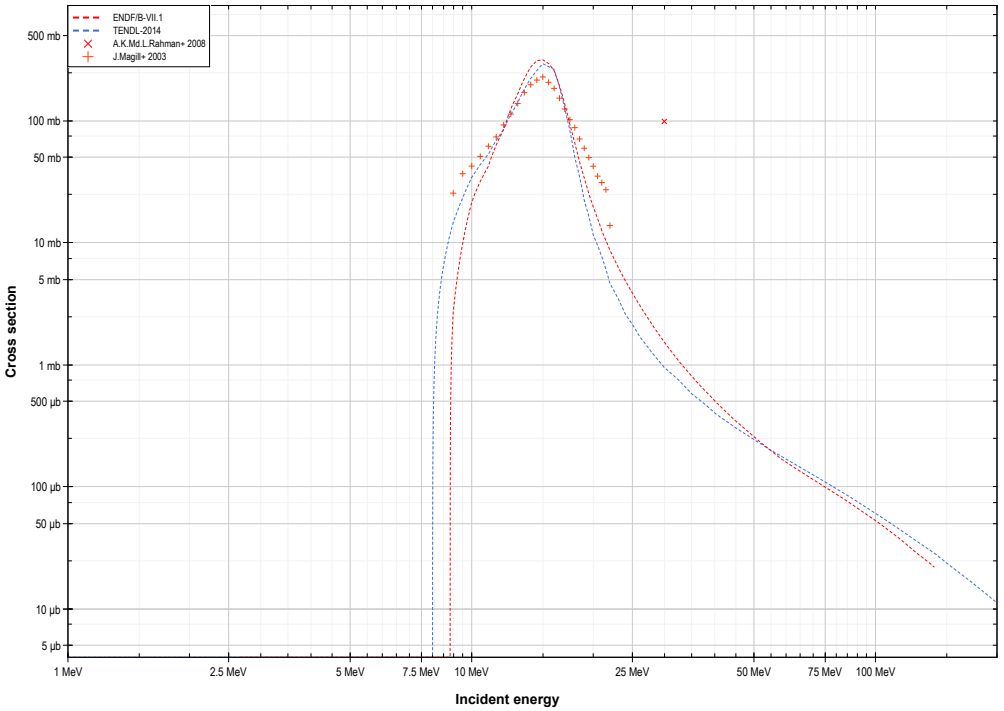
I127 (γ,3n) lin-log



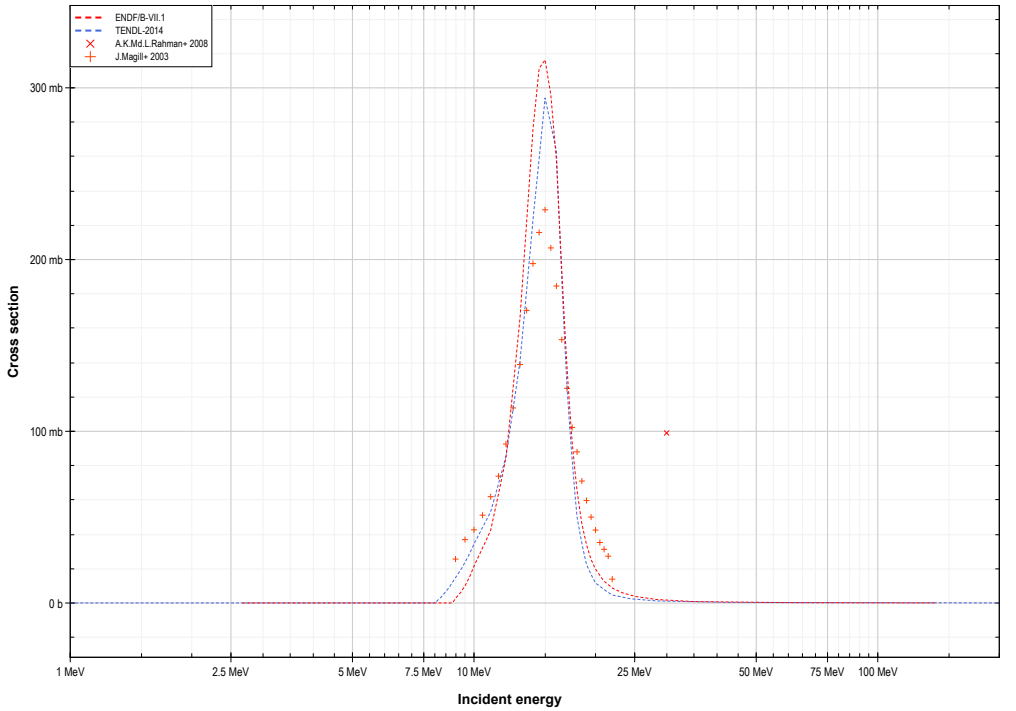
Reaction	Q-Value
I127(γ,3n)I124	-25831.95 keV

<< 53-I-127	**53-I-129**	55-Cs-133 >>
<< 53-I-127 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (I128 production)**	55-Cs-133 MT4 (γ,n) >>

I129 (γ,n) log-log



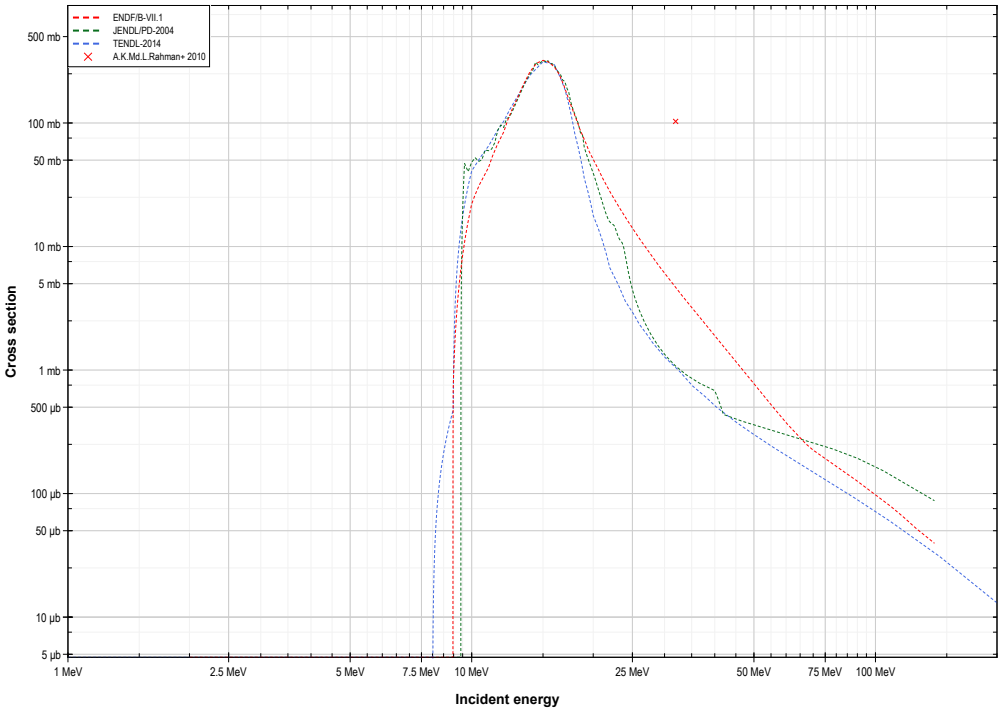
I129 (γ,n) lin-log



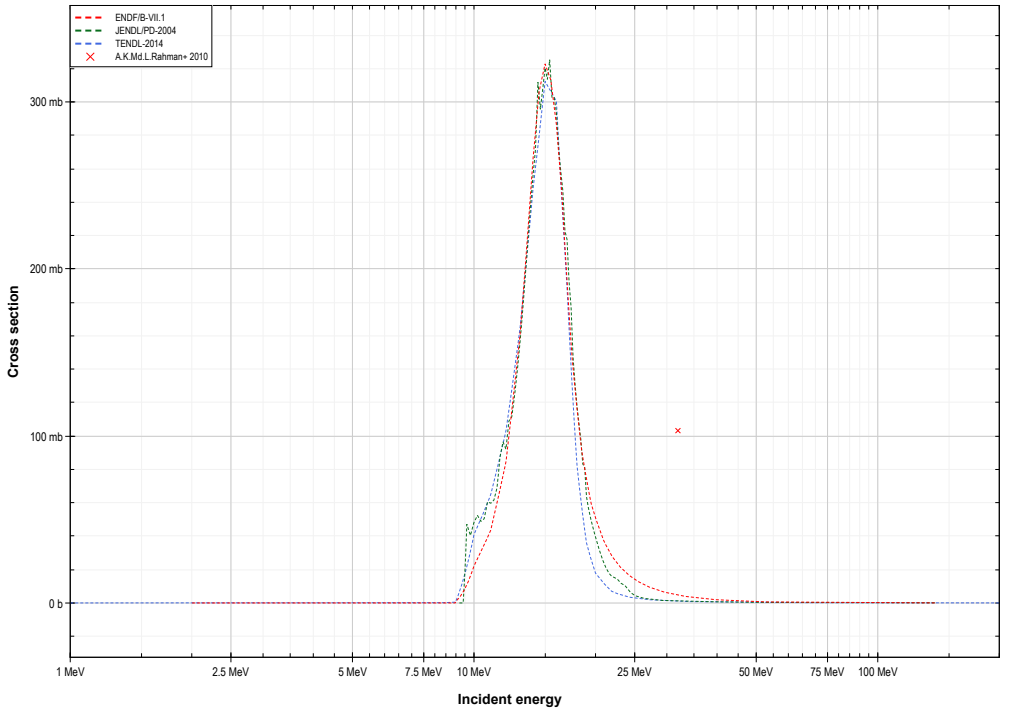
Reaction	Q-Value
I129(γ,n)I128	-8836.32 keV

<< 53-I-129	**55-Cs-133**	56-Ba-130 >>
<< 53-I-129 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Cs132 production)**	MT16 (γ,2n) >>

Cs133 (γ,n) log-log



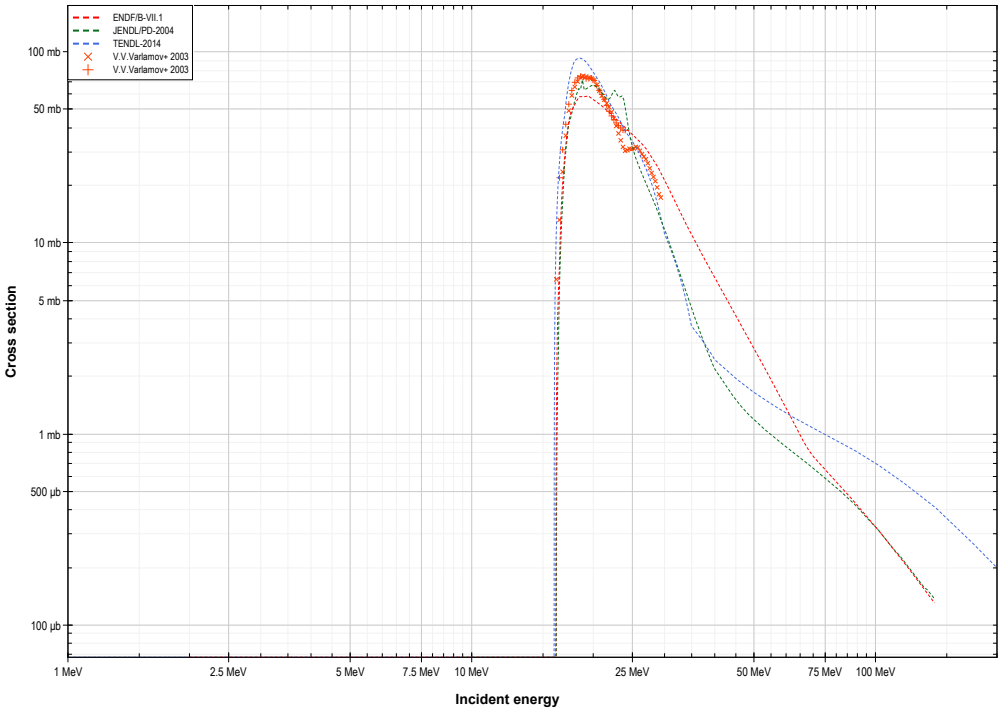
Cs133 (γ,n) lin-log



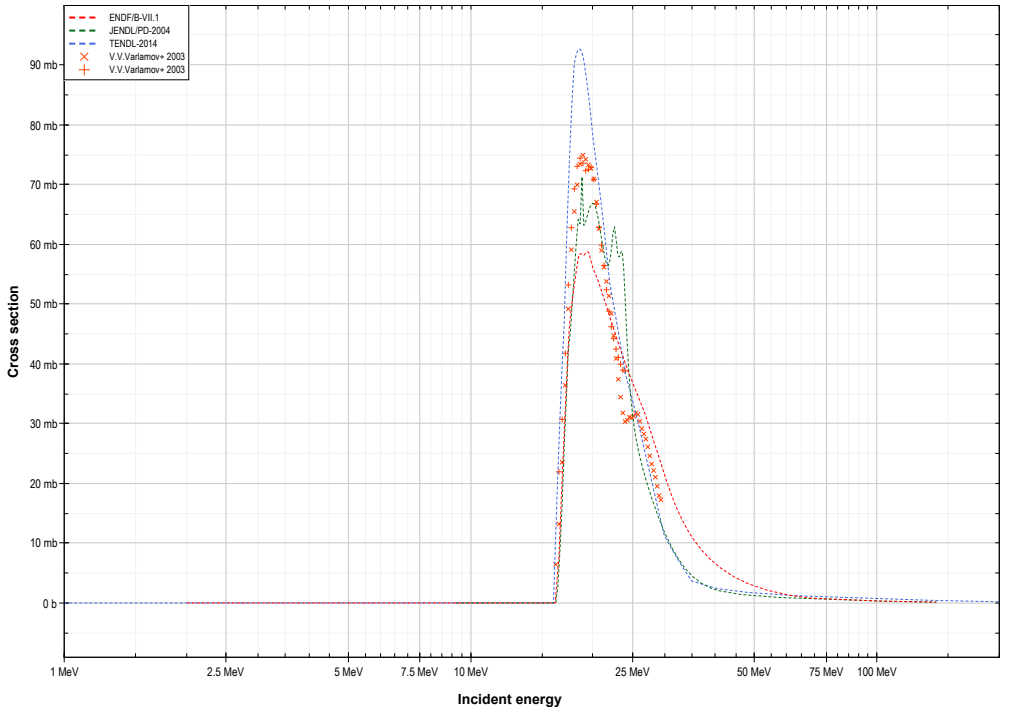
Reaction	Q-Value
Cs133(γ,n)Cs132	-8986.38 keV

<< 53-I-127	**55-Cs-133**	60-Nd-142 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Cs131 production)**	MT17 (γ,3n) >>

Cs133 (γ,2n) log-log



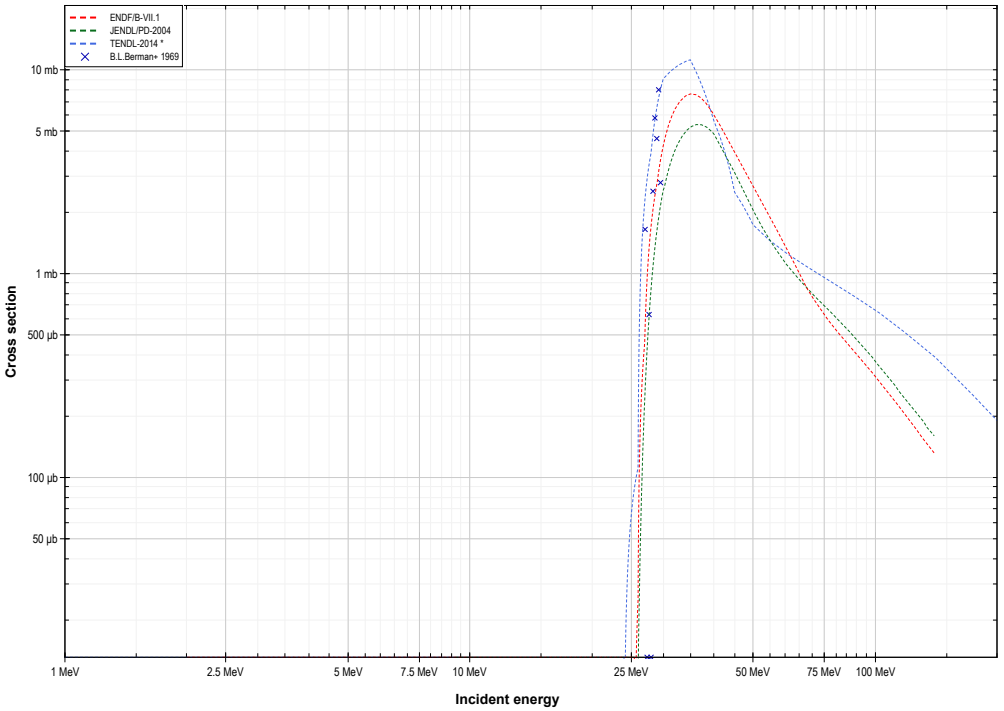
Cs133 (γ,2n) lin-log



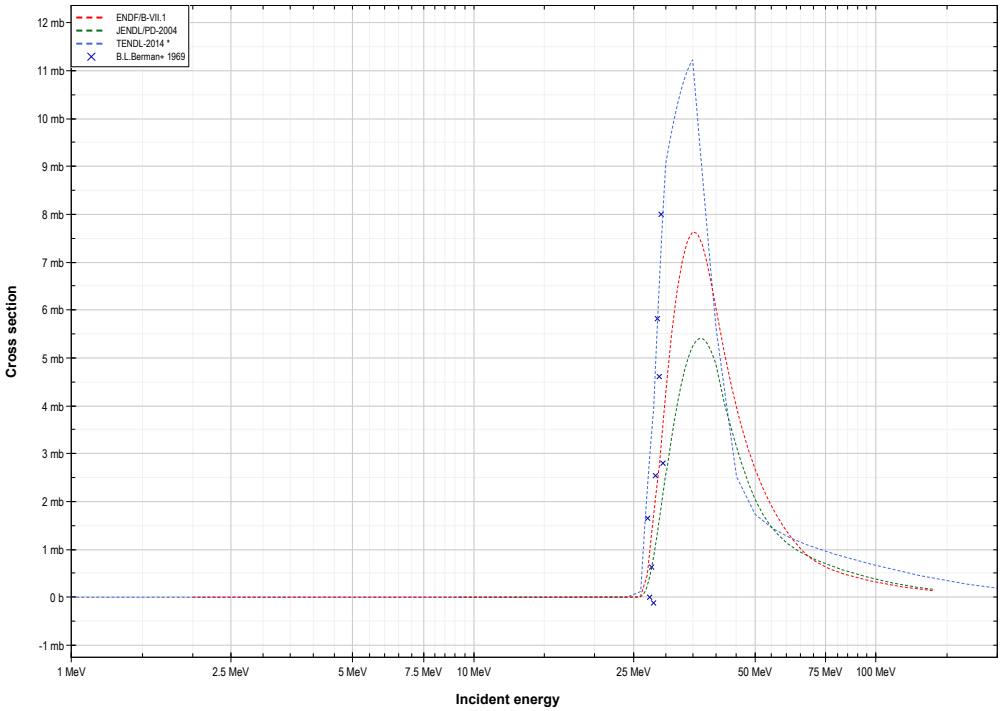
Reaction	Q-Value
Cs133(γ,2n)Cs131	-16153.59 keV

<< 53-I-127	**55-Cs-133**	56-Ba-138 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (Cs130 production)**	56-Ba-130 MT4 (γ,n) >>

Cs133 (γ,3n) log-log



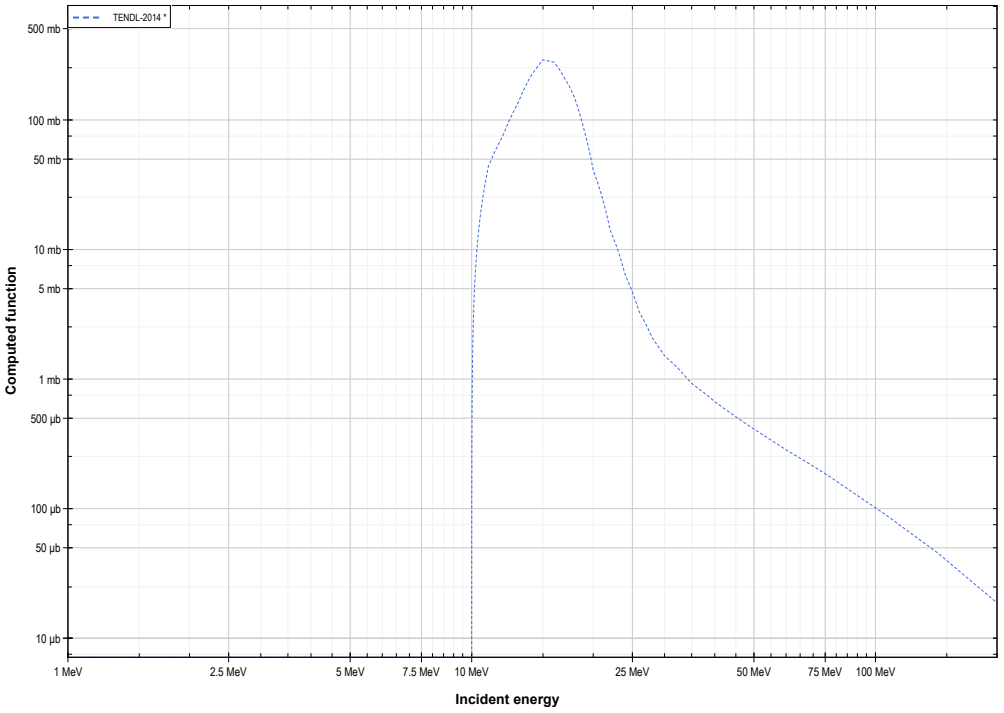
Cs133 (γ,3n) lin-log



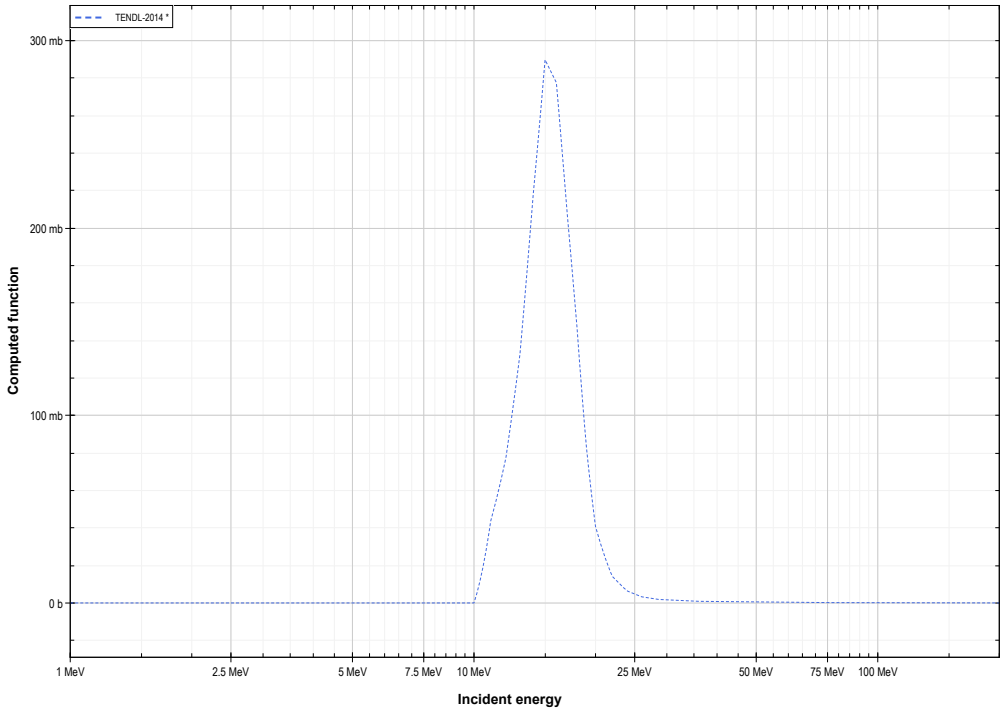
Reaction	Q-Value
Cs133(γ,3n)Cs130	-25384.91 keV

<< 55-Cs-133	**56-Ba-130**	56-Ba-132 >>
<< 55-Cs-133 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Ba129 production)**	56-Ba-132 MT4 (γ,n) >>

Ba130 (γ,n) log-log



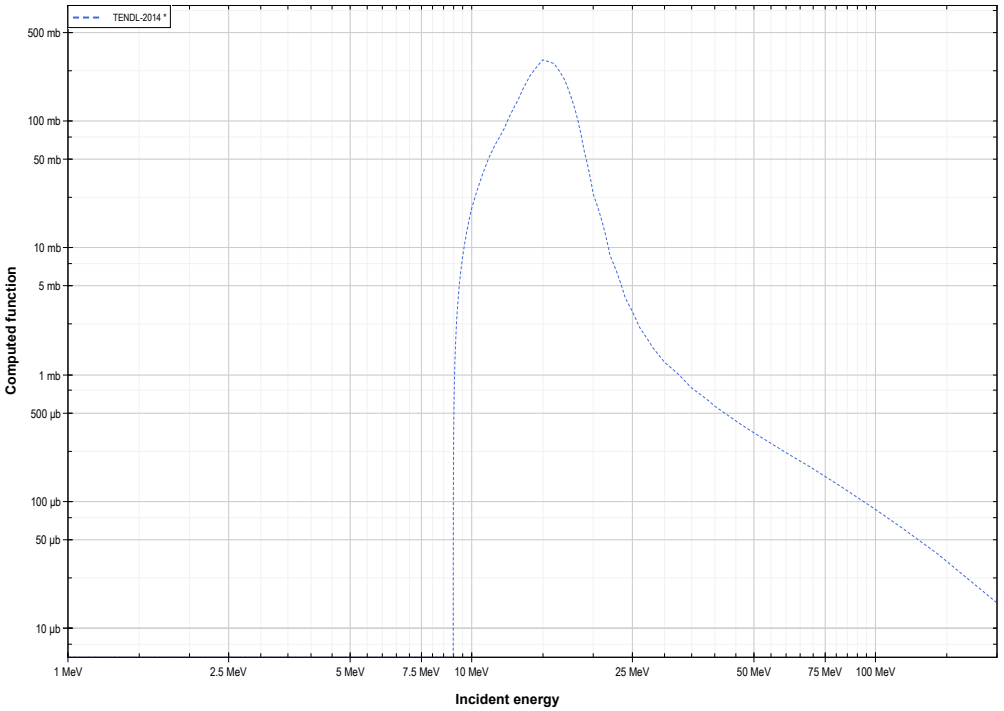
Ba130 (γ,n) lin-log



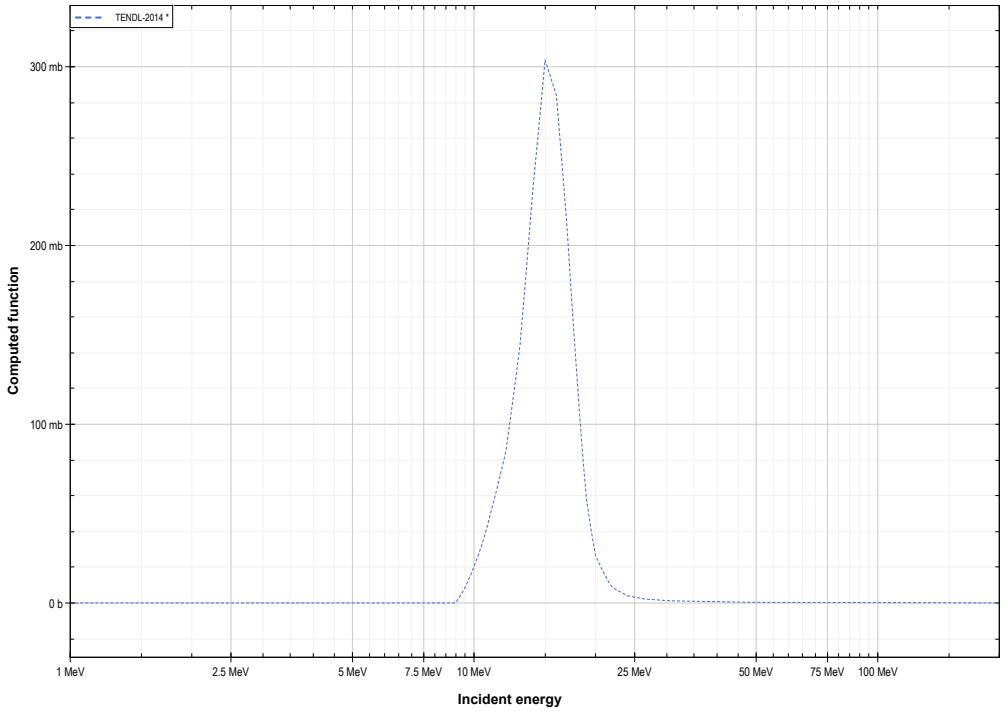
Reaction	Q-Value
Ba130(γ,n)Ba129	-10267.92 keV

<< 56-Ba-130	**56-Ba-132**	56-Ba-134 >>
<< 56-Ba-130 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Ba131 production)**	56-Ba-134 MT4 (γ,n) >>

Ba132 (γ,n) log-log



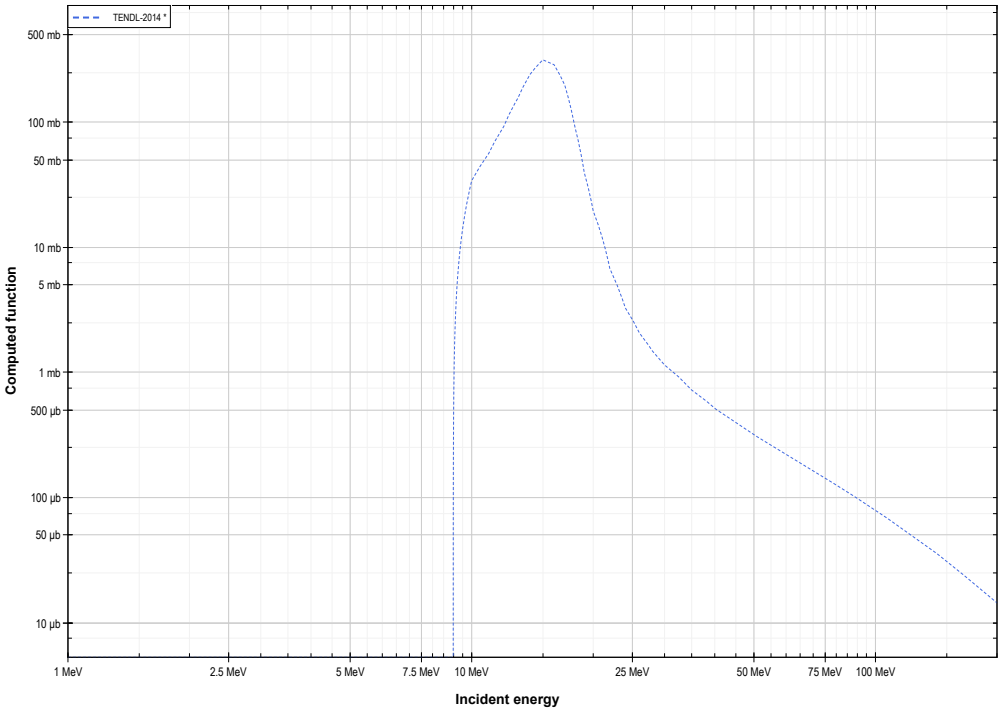
Ba132 (γ,n) lin-log



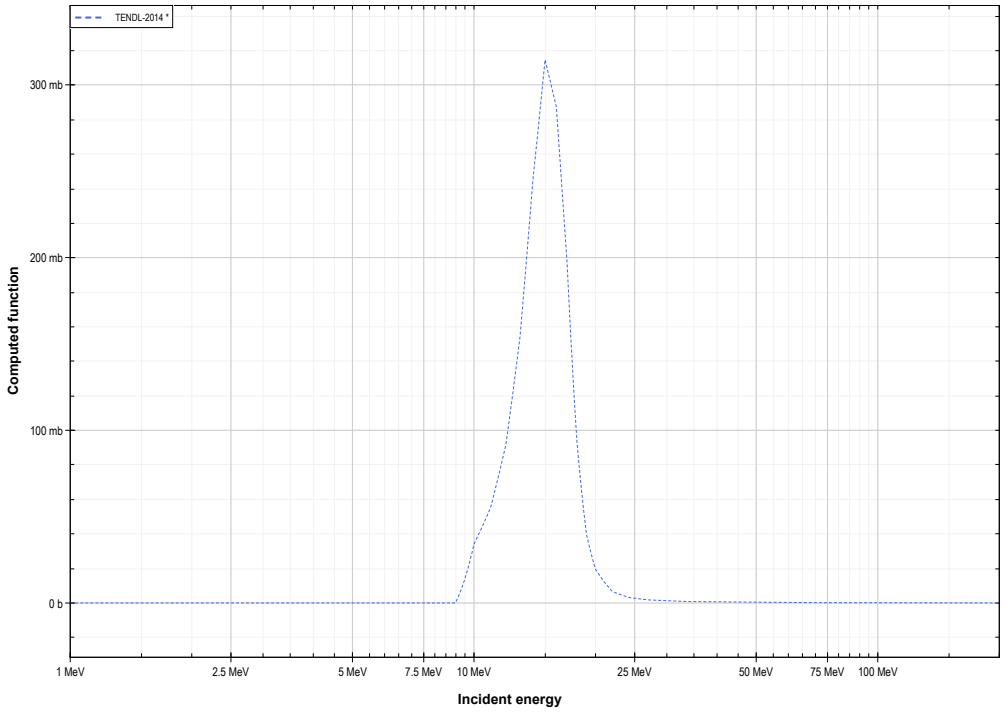
Reaction	Q-Value
Ba132(γ,n)Ba131	-9822.32 keV

<< 56-Ba-132	**56-Ba-134**	56-Ba-136 >>
<< 56-Ba-132 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Ba133 production)**	56-Ba-136 MT4 (γ,n) >>

Ba134 (γ,n) log-log



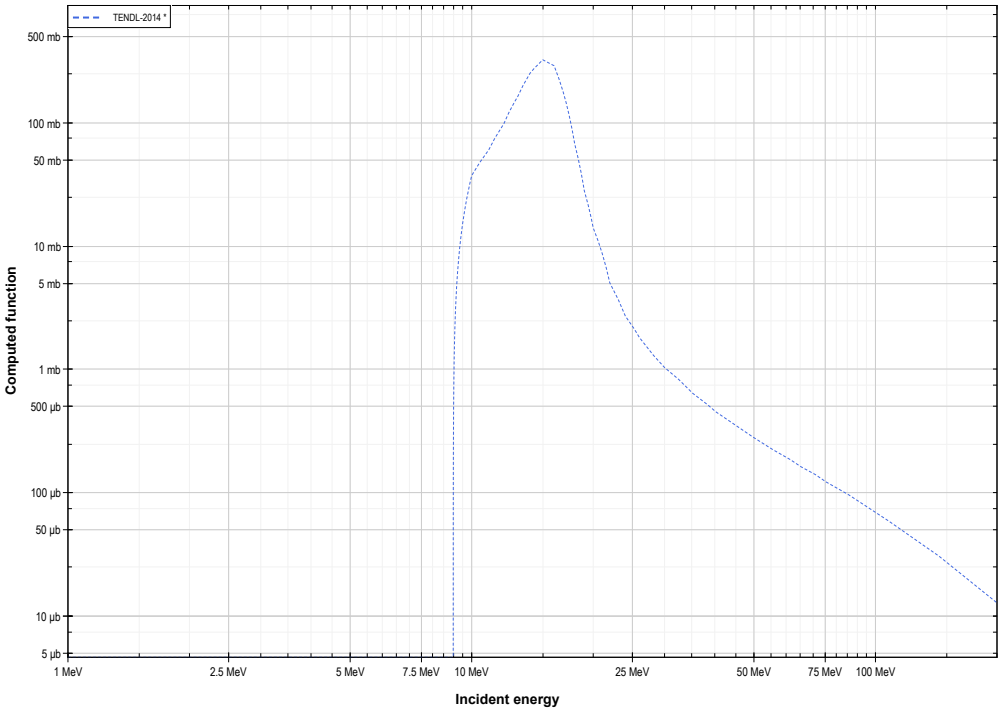
Ba134 (γ,n) lin-log



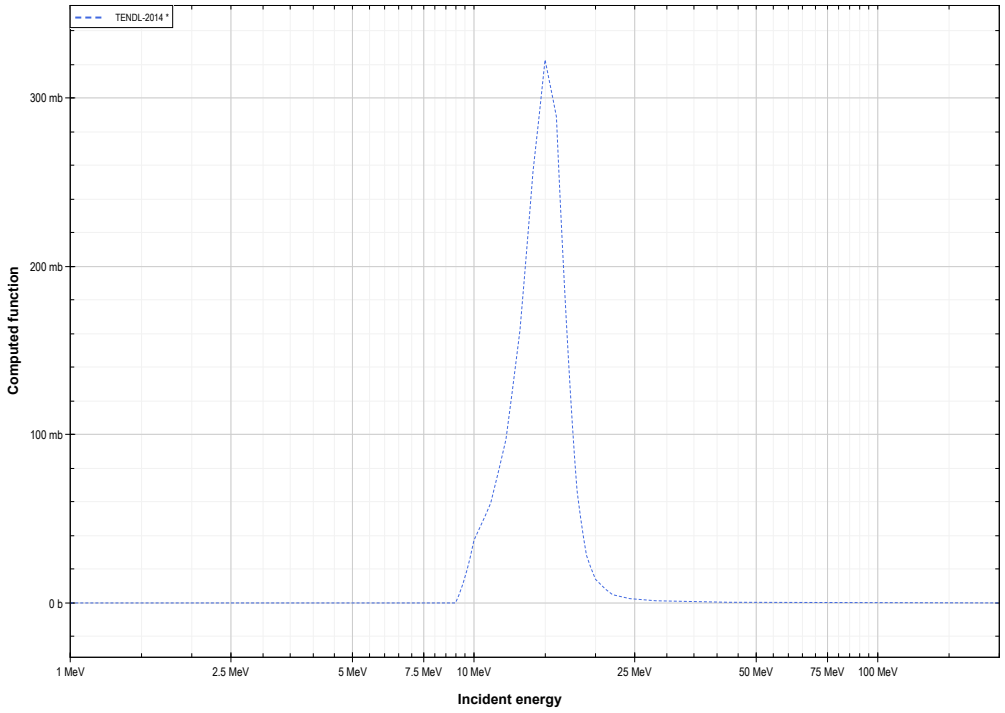
Reaction	Q-Value
Ba134(γ,n)Ba133	-9467.72 keV

<< 56-Ba-134	**56-Ba-136**	56-Ba-138 >>
<< 56-Ba-134 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Ba135 production)**	56-Ba-138 MT4 (γ,n) >>

Ba136 (γ,n) log-log



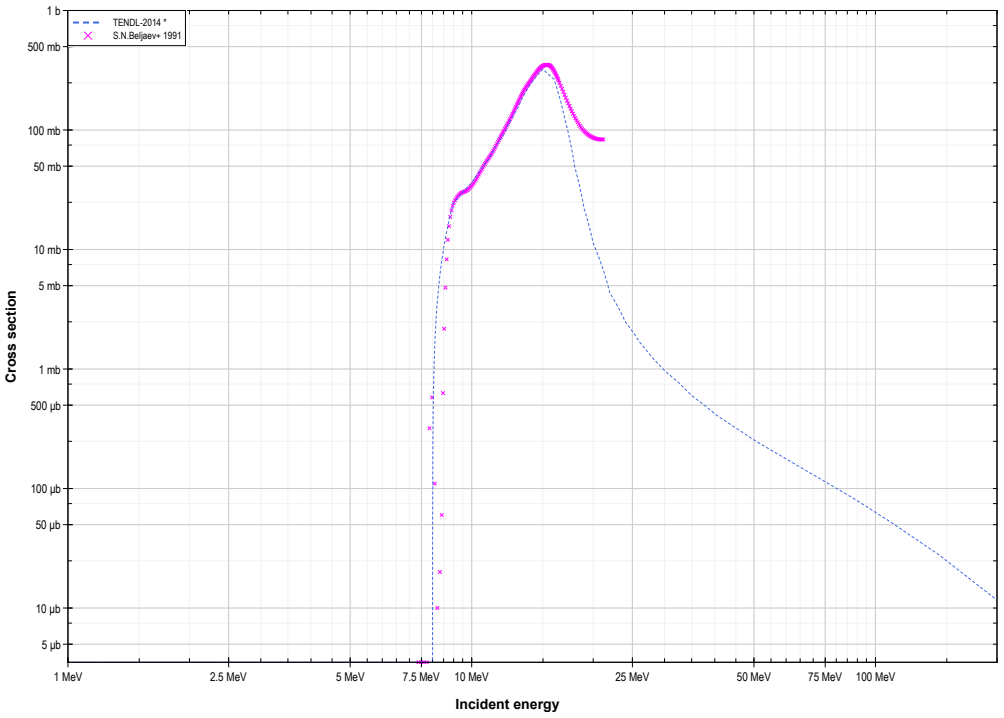
Ba136 (γ,n) lin-log



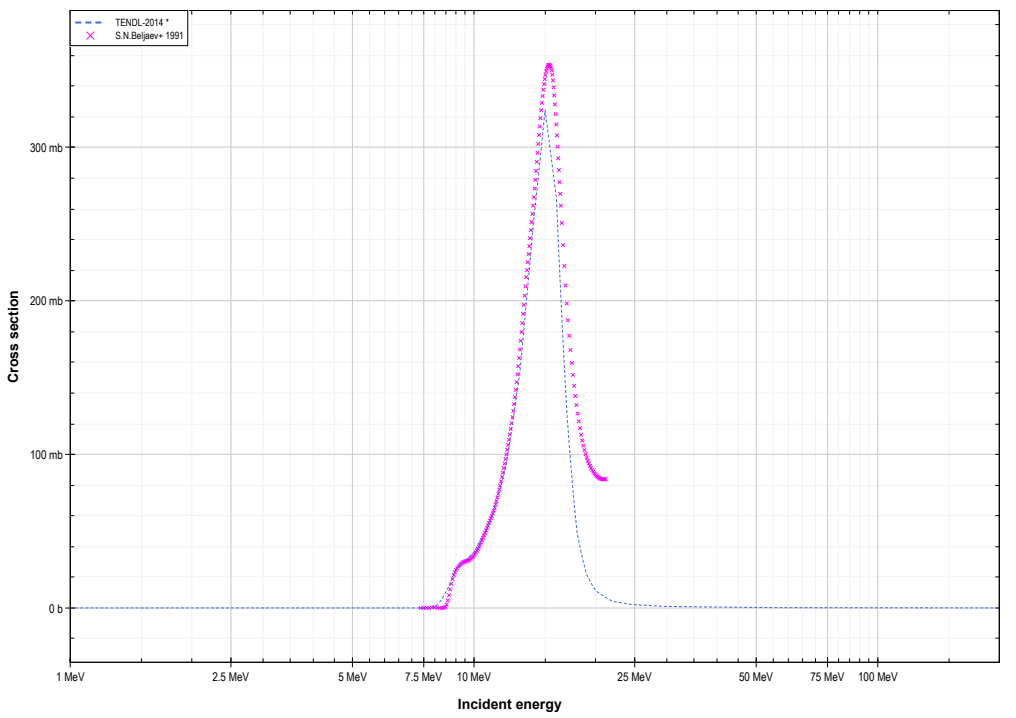
Reaction	Q-Value
Ba136(γ,n)Ba135	-9107.72 keV

<< 56-Ba-136	**56-Ba-138**	57-La-139 >>
<< 56-Ba-136 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Ba137 production)**	MT17 (γ,3n) >>

Ba138 (γ,n) log-log



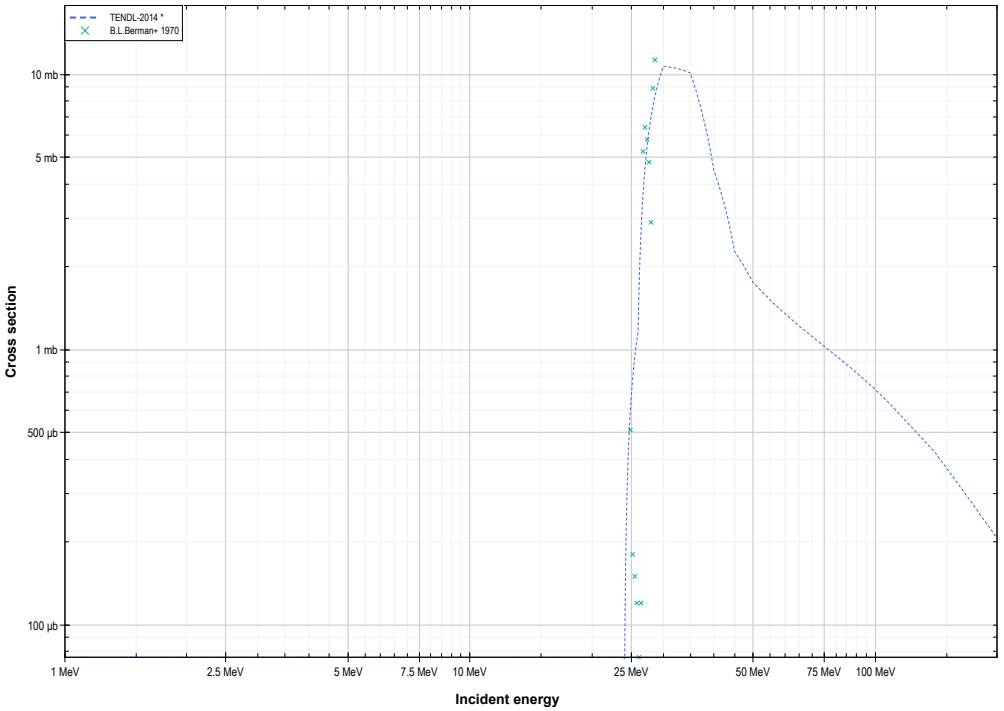
Ba138 (γ,n) lin-log



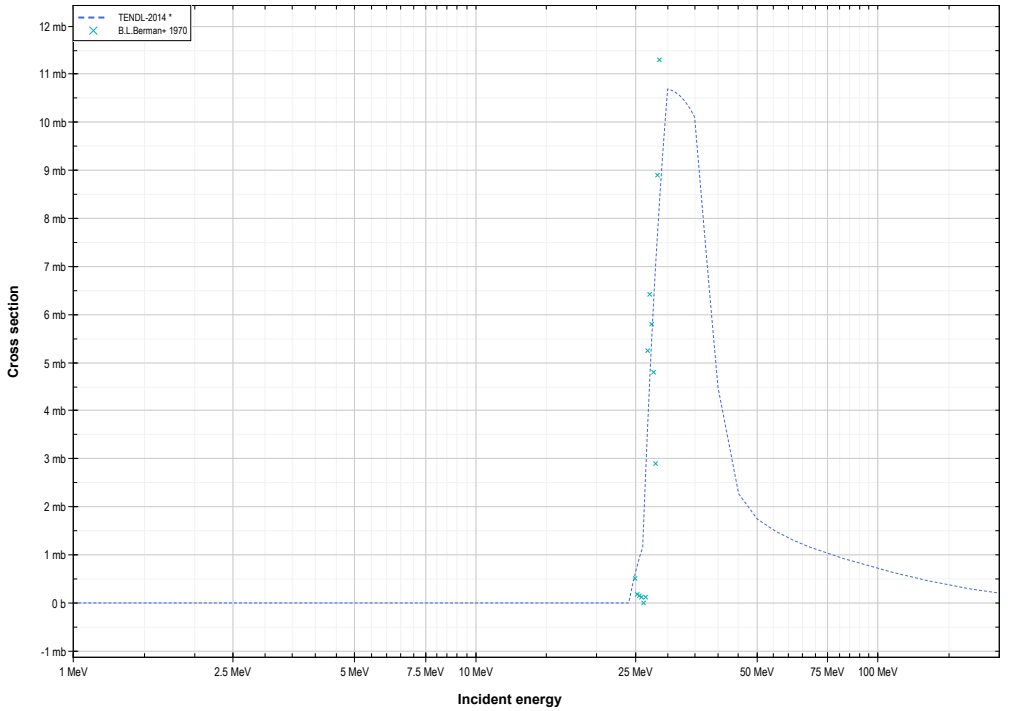
Reaction	Q-Value
Ba138(γ,n)Ba137	-8611.72 keV

<< 55-Cs-133	**56-Ba-138**	57-La-139 >>
<< MT4 (γ,n)	**MT17 (γ,3n) or MT5 (Ba135 production)**	57-La-139 MT4 (γ,n) >>

Ba138 (γ,3n) log-log



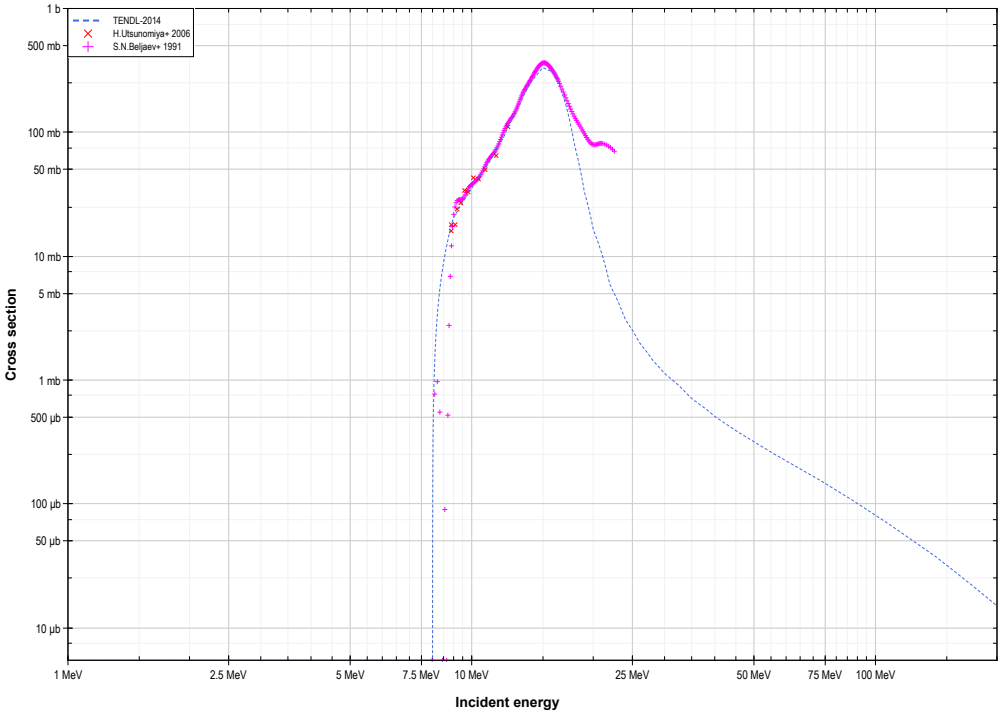
Ba138 (γ,3n) lin-log



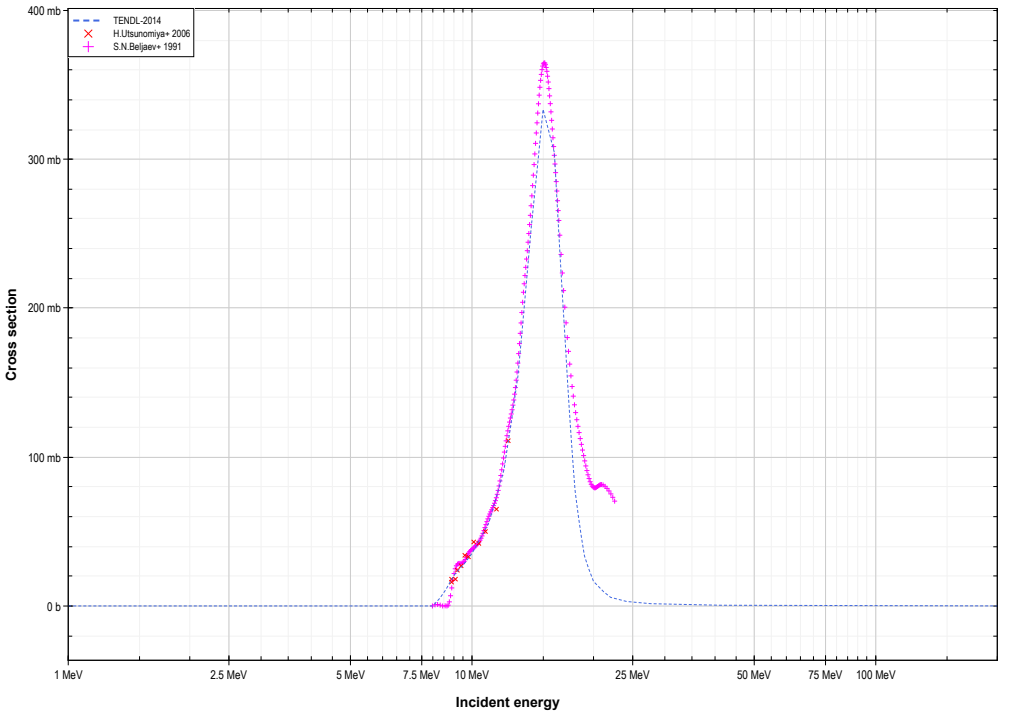
Reaction	Q-Value
Ba138(γ,3n)Ba135	-24625.05 keV

<< 56-Ba-138	**57-La-139**	58-Ce-140 >>
<< 56-Ba-138 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (La138 production)**	MT17 (γ,3n) >>

La139 (γ,n) log-log



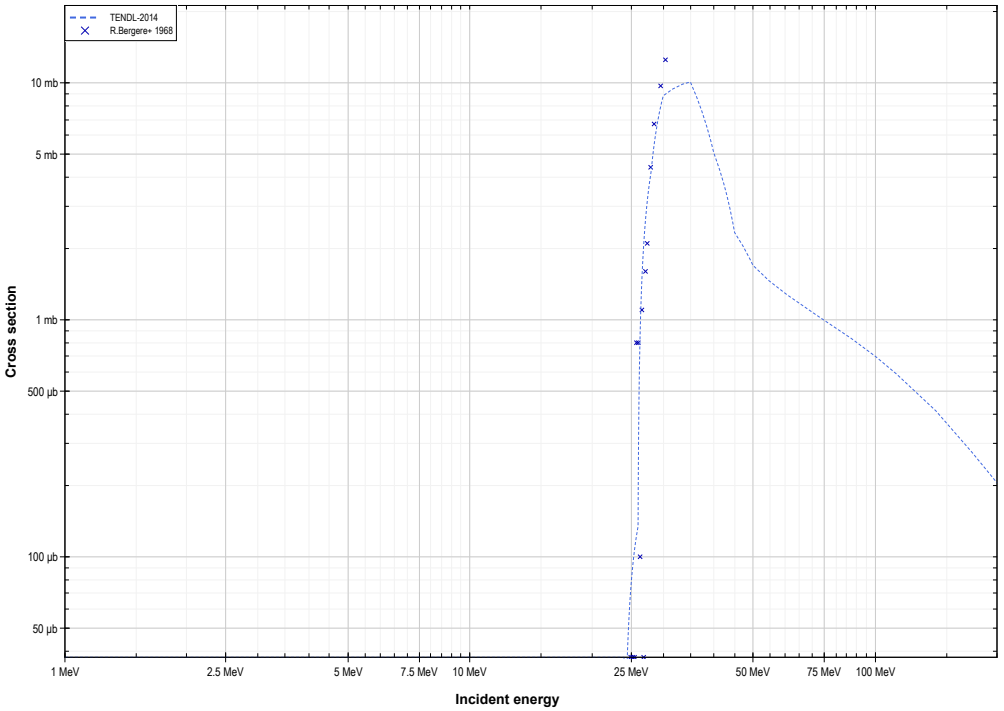
La139 (γ,n) lin-log



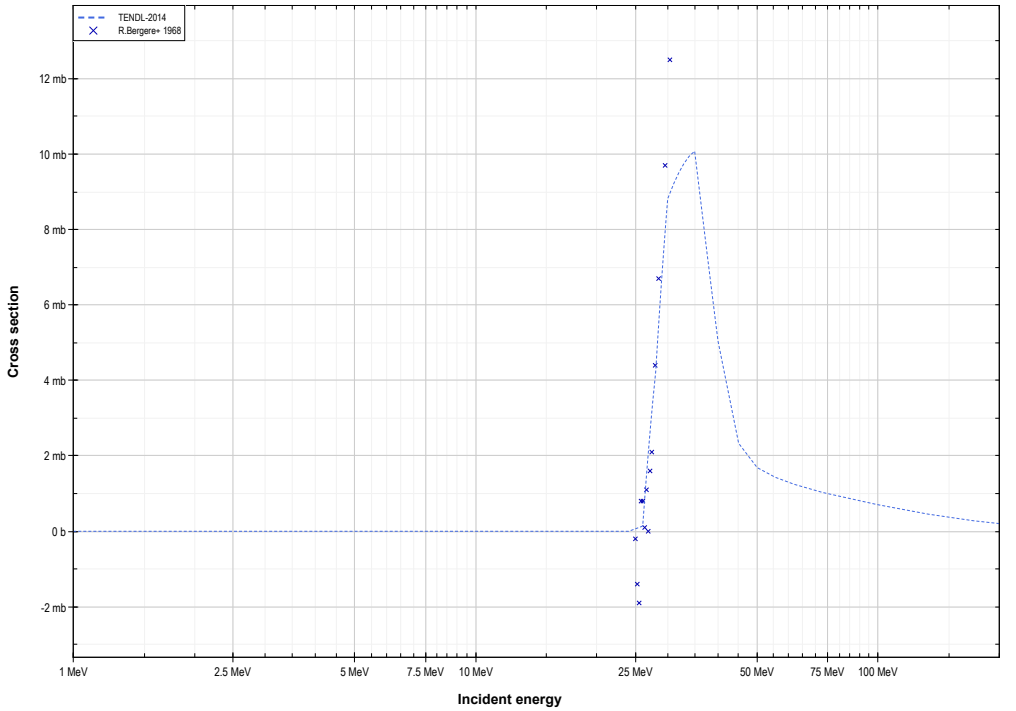
Reaction	Q-Value
La139(γ,n)La138	-8777.72 keV

<< 56-Ba-138	**57-La-139**	59-Pr-141 >>
<< MT4 (γ,n)	**MT17 (γ,3n) or MT5 (La136 production)**	58-Ce-140 MT4 (γ,n) >>

La139 (γ,3n) log-log



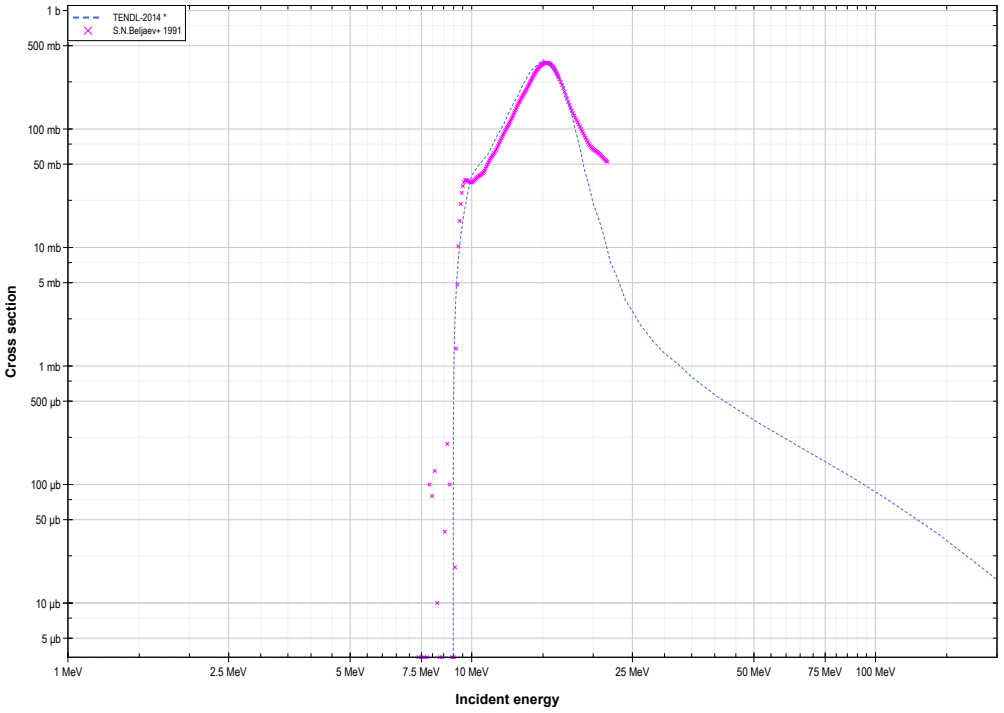
La139 (γ,3n) lin-log



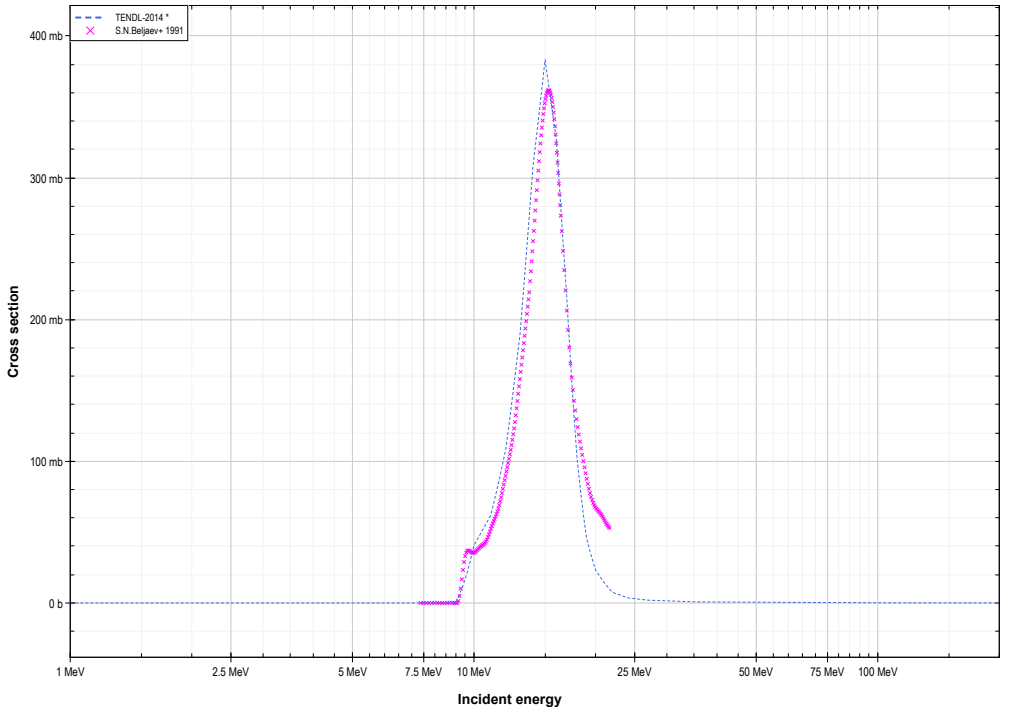
Reaction	Q-Value
La139(γ,3n)La136	-25405.35 keV

<< 57-La-139	**58-Ce-140**	58-Ce-142 >>
<< 57-La-139 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Ce139 production)**	58-Ce-142 MT4 (γ,n) >>

Ce140 (γ,n) log-log



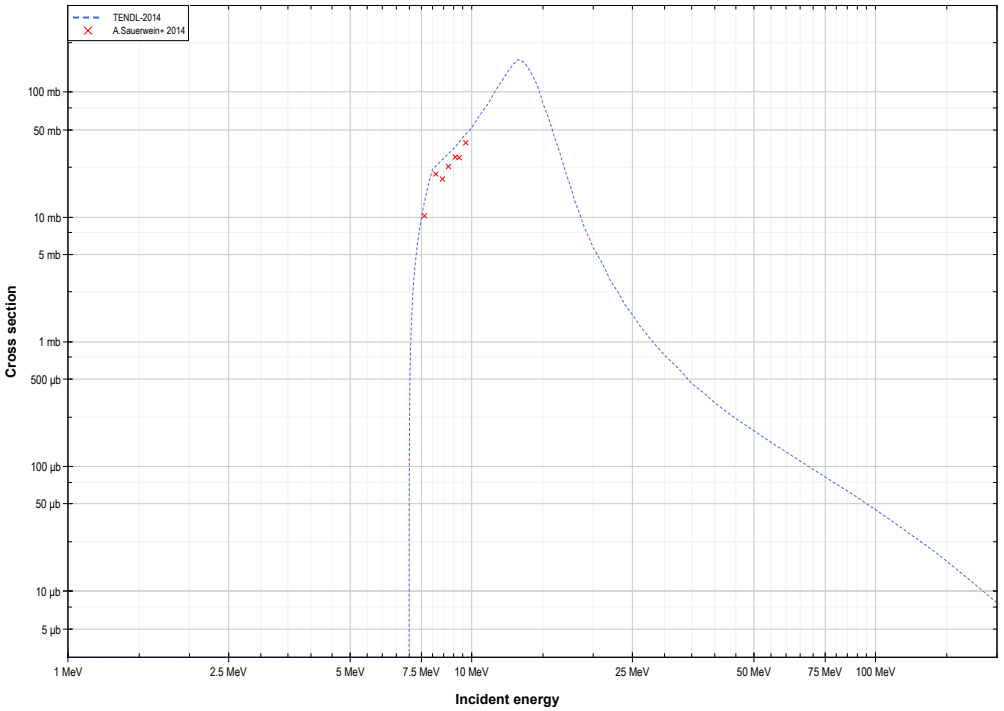
Ce140 (γ,n) lin-log



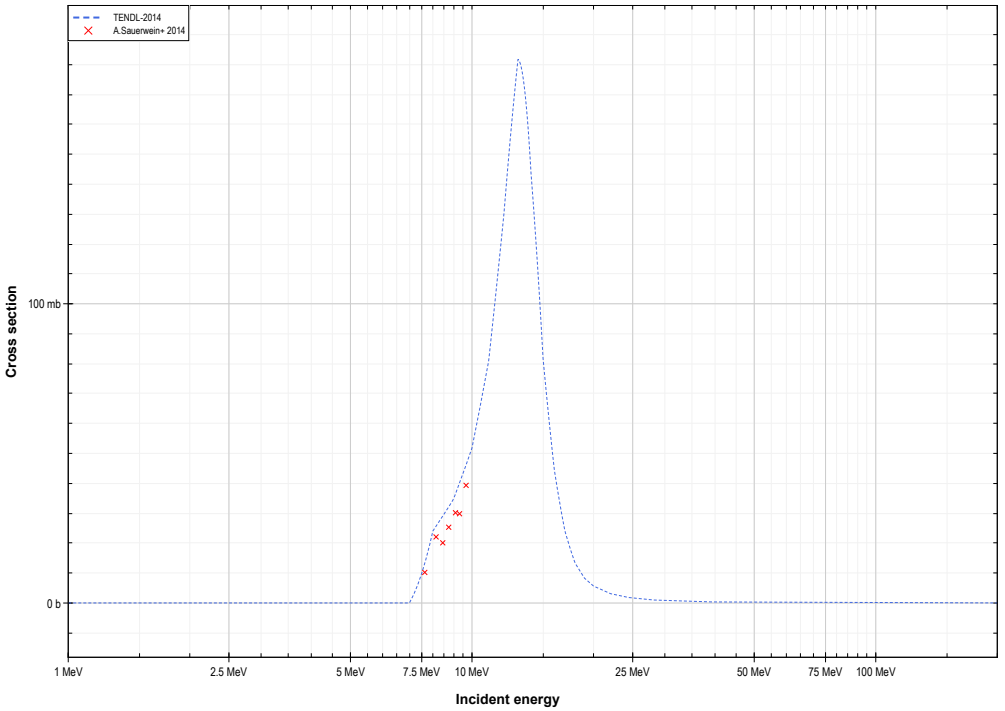
Reaction	Q-Value
Ce140(γ,n)Ce139	-9202.62 keV

<< 58-Ce-140	**58-Ce-142**	59-Pr-141 >>
<< 58-Ce-140 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Ce141 production)**	59-Pr-141 MT4 (γ,n) >>

Ce142 (γ,n) log-log



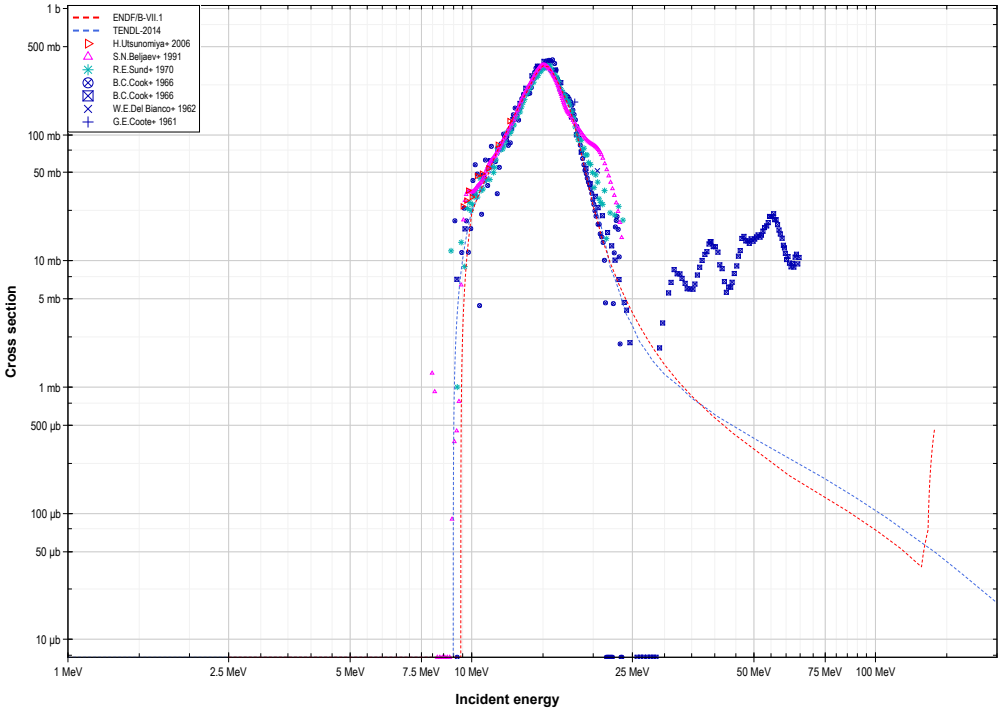
Ce142 (γ,n) lin-log



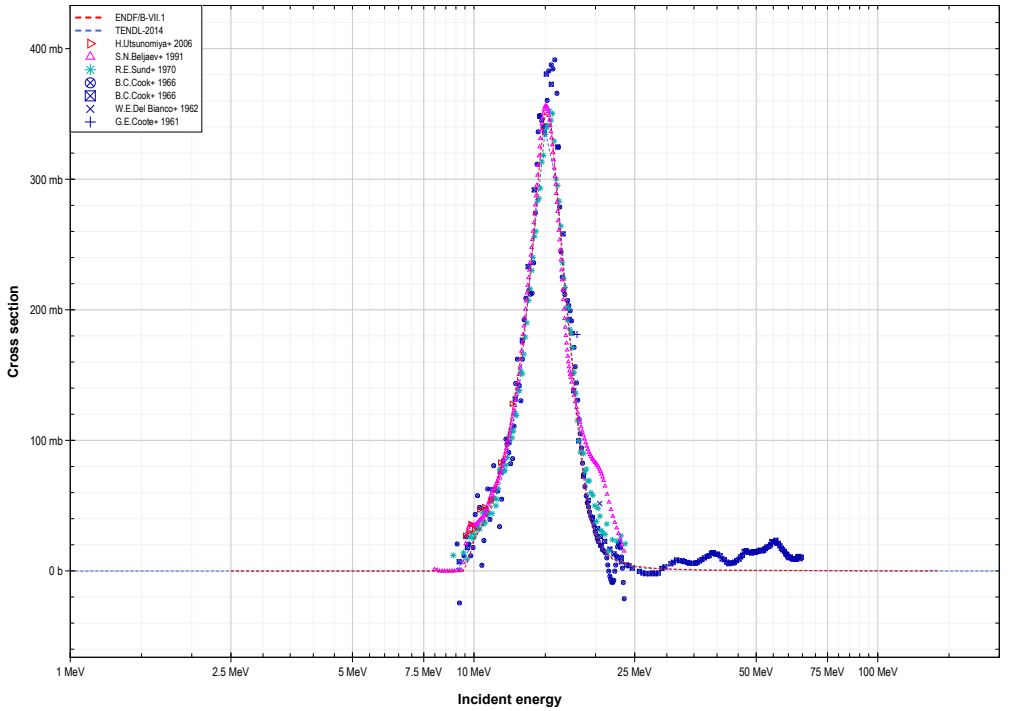
Reaction	Q-Value
Ce142(γ,n)Ce141	-7169.72 keV

<< 58-Ce-142	**59-Pr-141**	60-Nd-142 >>
<< 58-Ce-142 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Pr140 production)**	MT17 (γ,3n) >>

Pr141 (γ,n) log-log



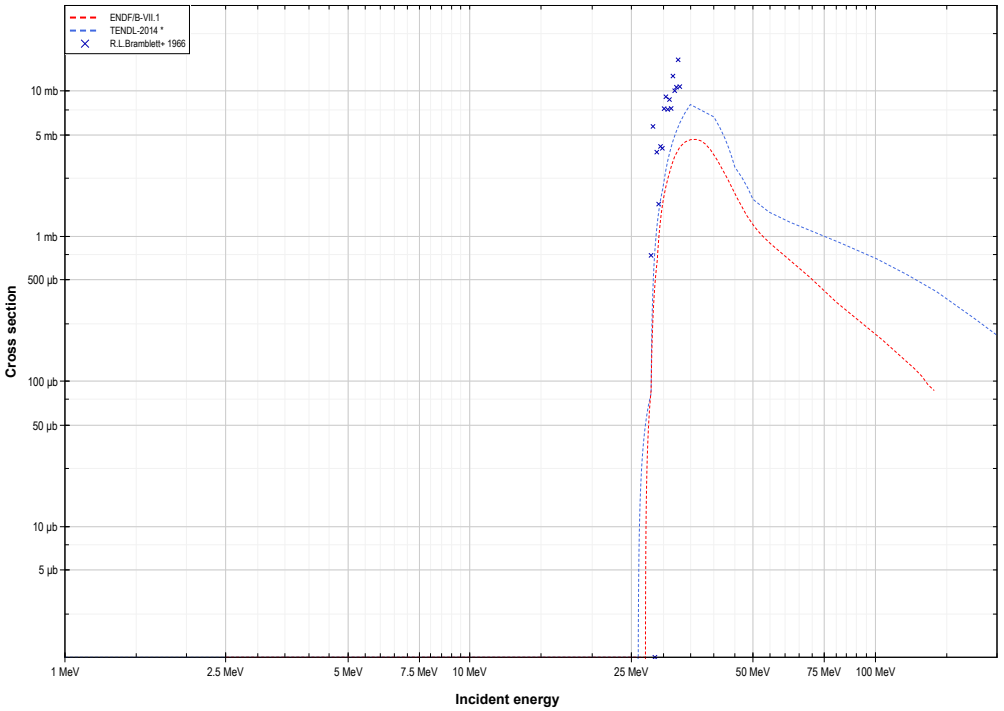
Pr141 (γ,n) lin-log



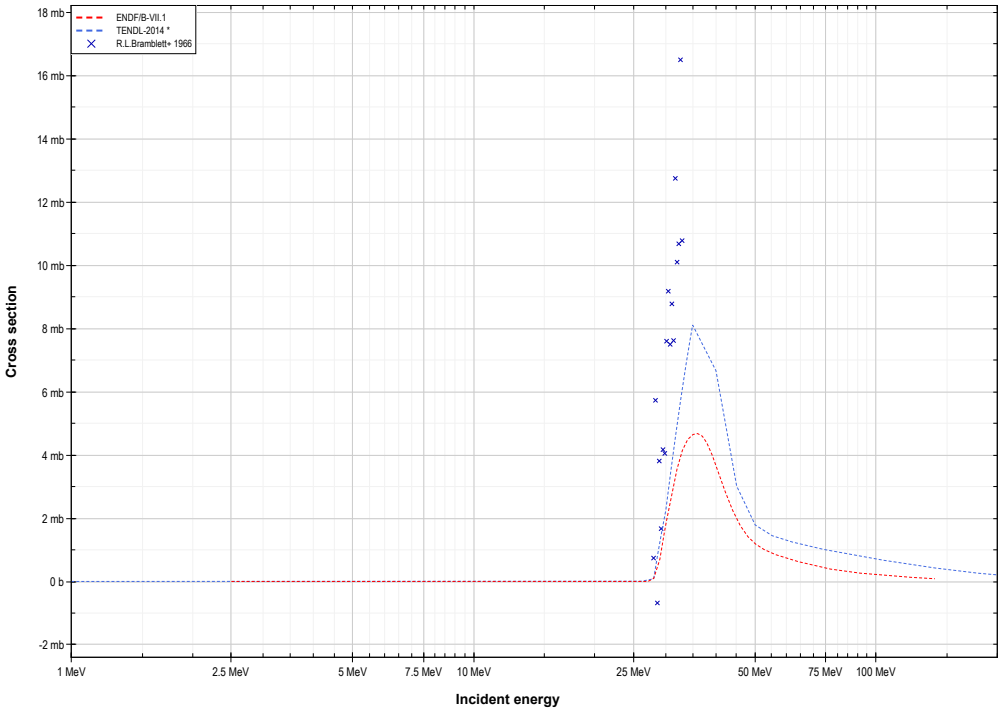
Reaction	Q-Value
Pr141(γ,n)Pr140	-9397.22 keV

<< 57-La-139	**59-Pr-141**	63-Eu-153 >>
<< MT4 (γ,n)	**MT17 (γ,3n) or MT5 (Pr138 production)**	60-Nd-142 MT4 (γ,n) >>

Pr141 (γ,3n) log-log



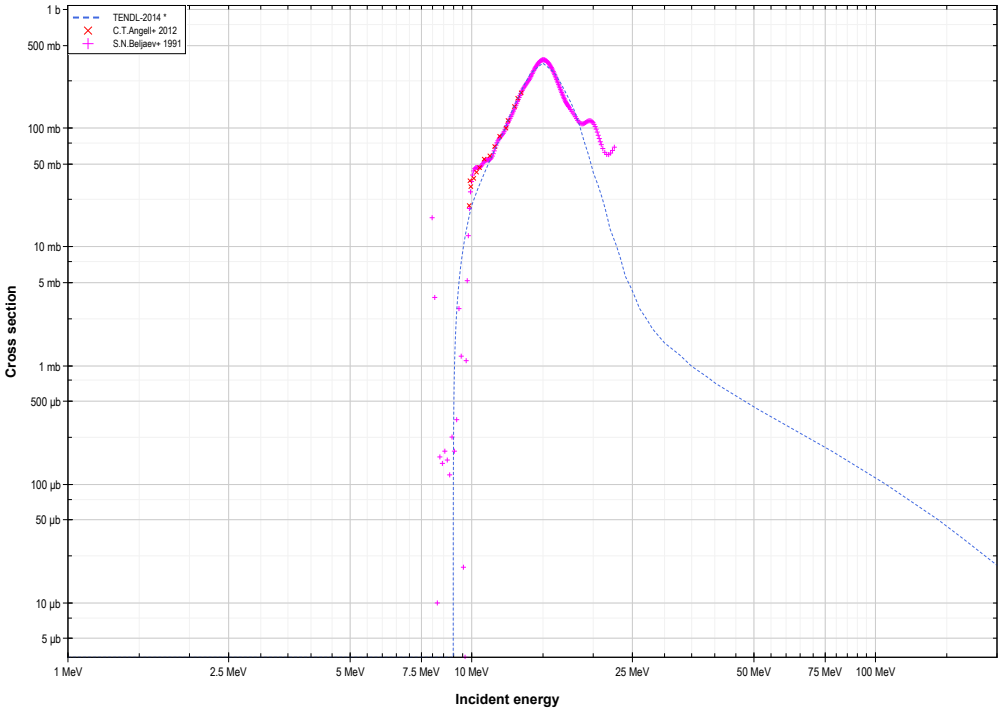
Pr141 (γ,3n) lin-log



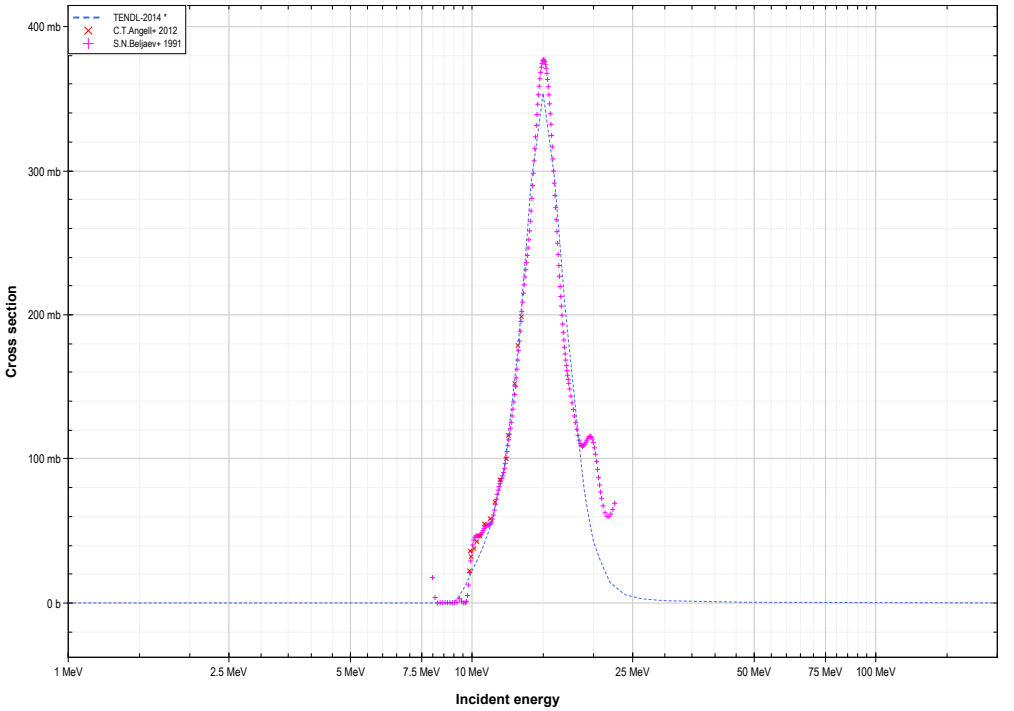
Reaction	Q-Value
Pr141(γ,3n)Pr138	-27102.85 keV

<< 59-Pr-141	**60-Nd-142**	60-Nd-143 >>
<< 59-Pr-141 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Nd141 production)**	MT16 (γ,2n) >>

Nd142 (γ,n) log-log



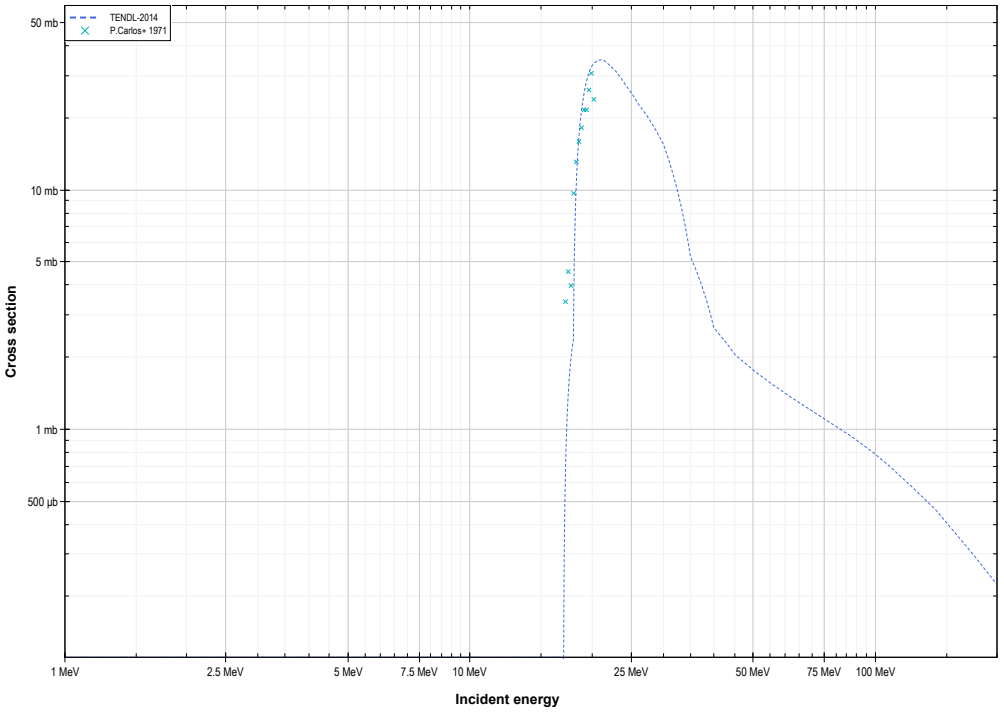
Nd142 (γ,n) lin-log



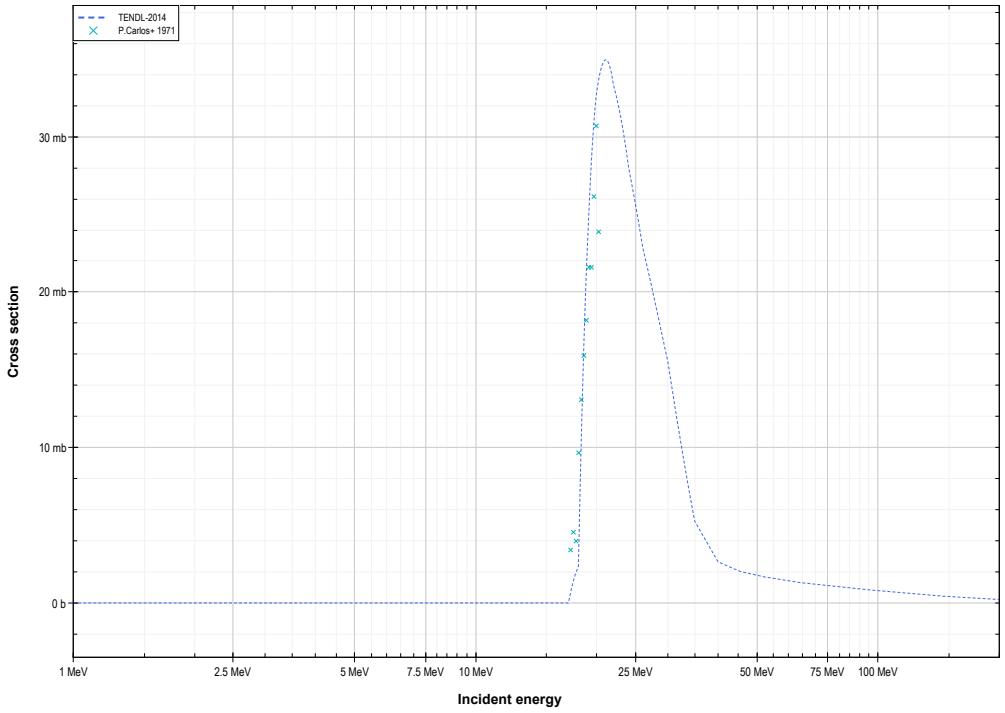
Reaction	Q-Value
Nd142(γ,n)Nd141	-9828.52 keV

<< 55-Cs-133	**60-Nd-142**	60-Nd-143 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Nd140 production)**	60-Nd-143 MT4 (γ,n) >>

Nd142 (γ,2n) log-log



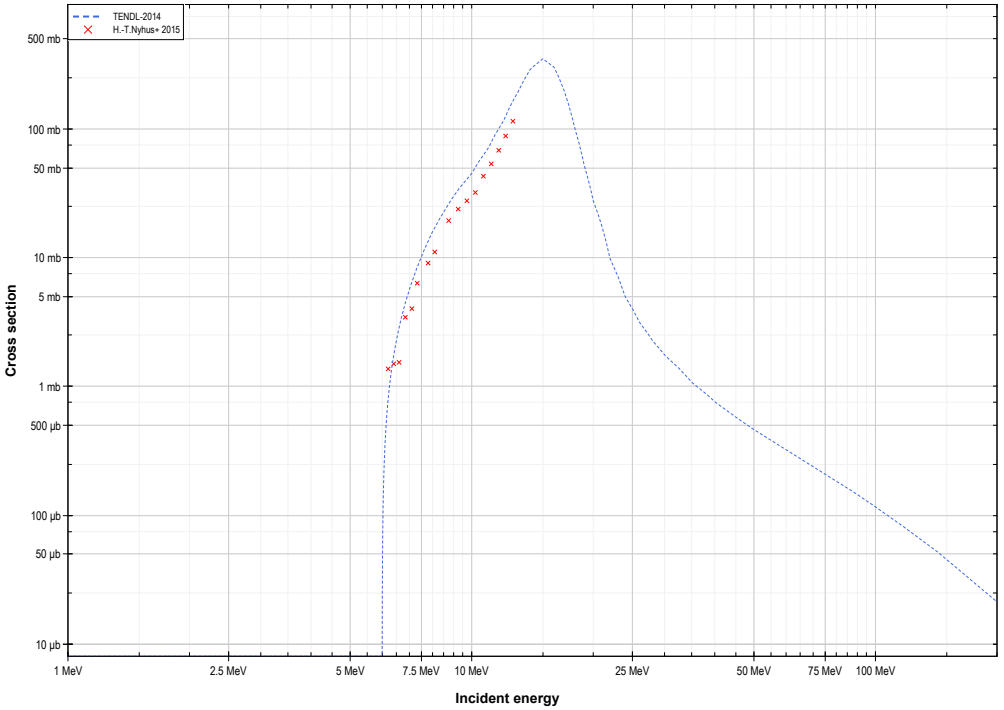
Nd142 (γ,2n) lin-log



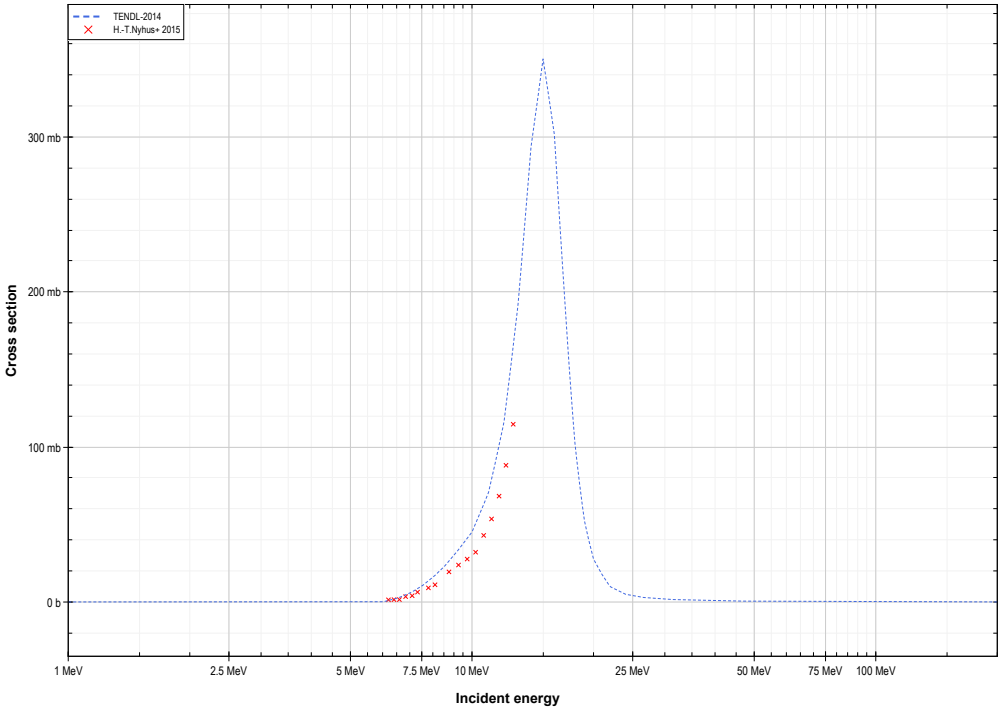
Reaction	Q-Value
Nd142(γ,2n)Nd140	-17845.83 keV

<< 60-Nd-142	**60-Nd-143**	60-Nd-144 >>
<< 60-Nd-142 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Nd142 production)**	MT16 (γ,2n) >>

Nd143 (γ,n) log-log



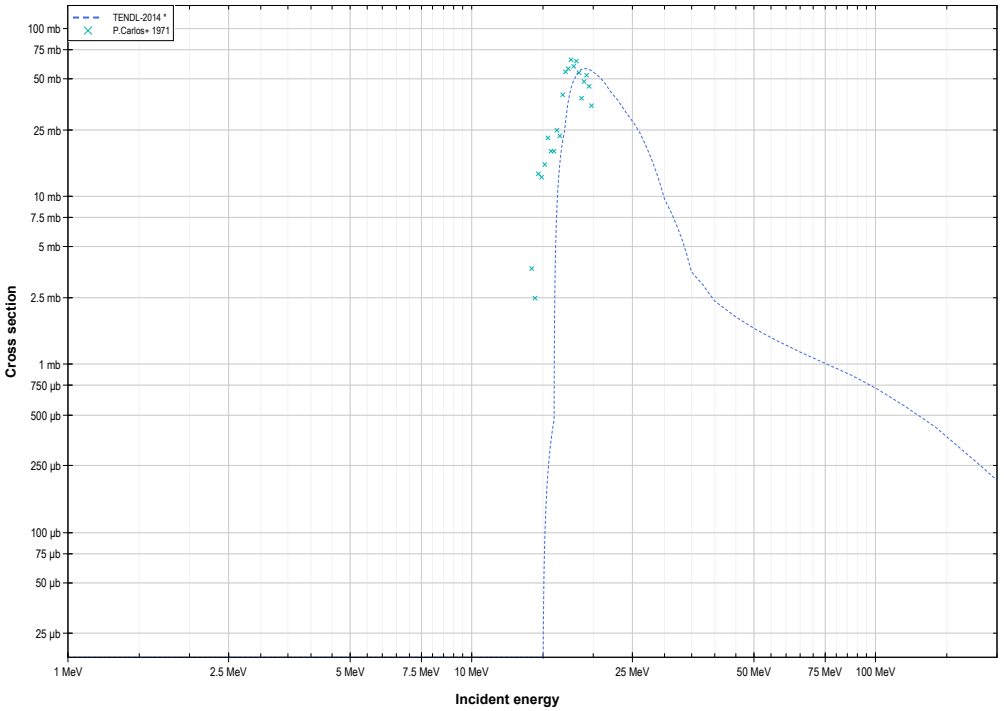
Nd143 (γ,n) lin-log



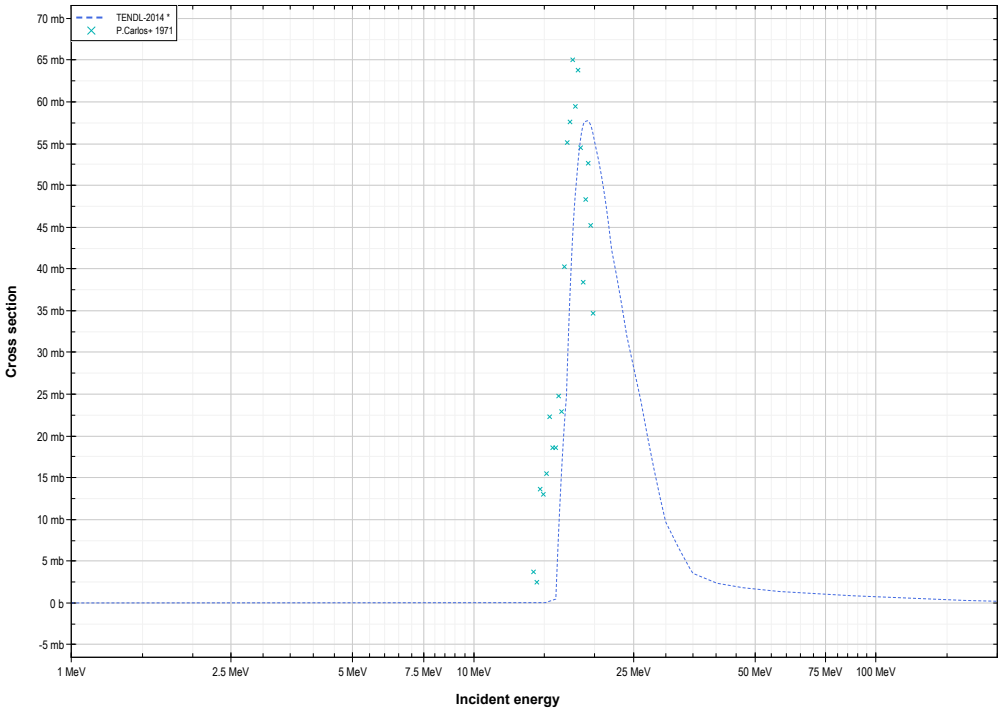
Reaction	Q-Value
Nd143(γ,n)Nd142	-6123.52 keV

<< 60-Nd-142	**60-Nd-143**	60-Nd-144 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Nd141 production)**	60-Nd-144 MT4 (γ,n) >>

Nd143 (γ,2n) log-log



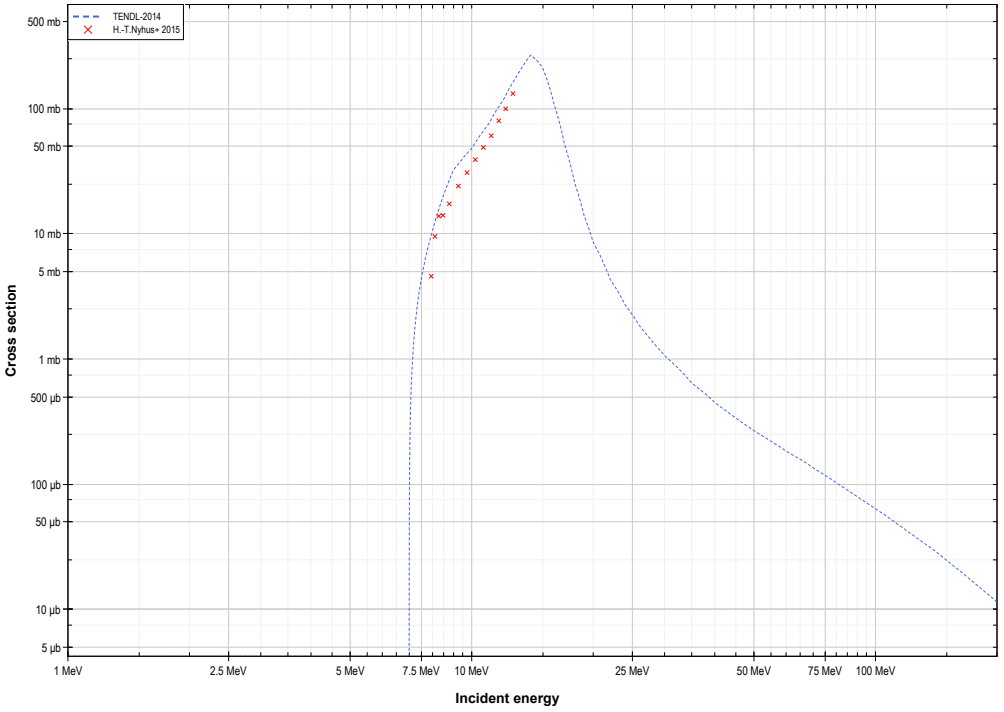
Nd143 (γ,2n) lin-log



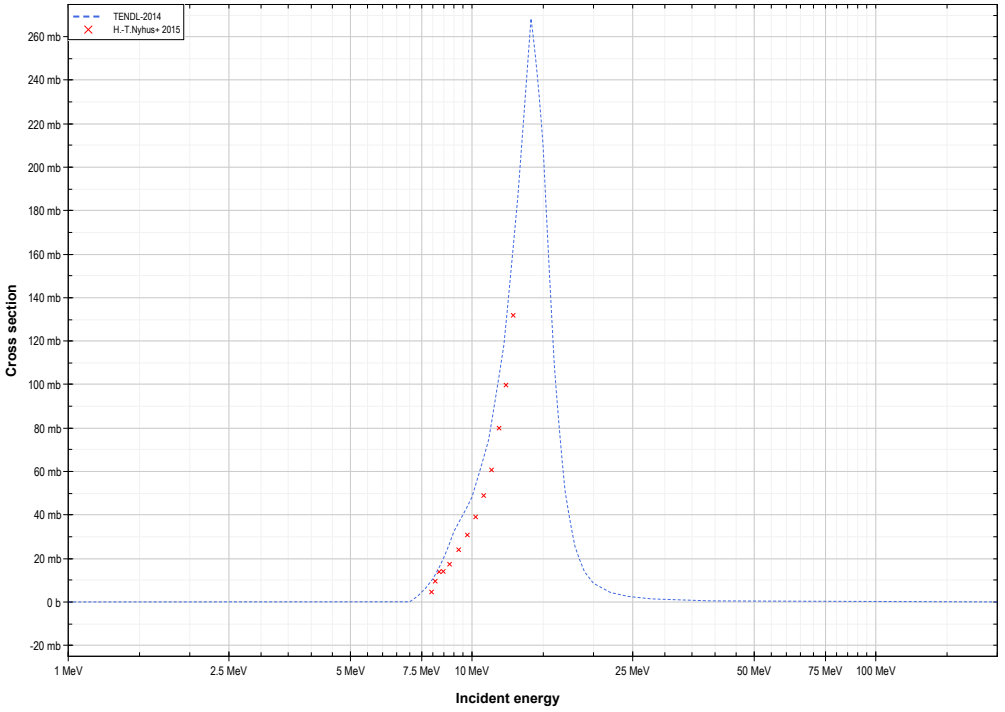
Reaction	Q-Value
Nd143(γ,2n)Nd141	-15952.03 keV

<< 60-Nd-143	**60-Nd-144**	60-Nd-145 >>
<< 60-Nd-143 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Nd143 production)**	MT16 (γ,2n) >>

Nd144 (γ,n) log-log



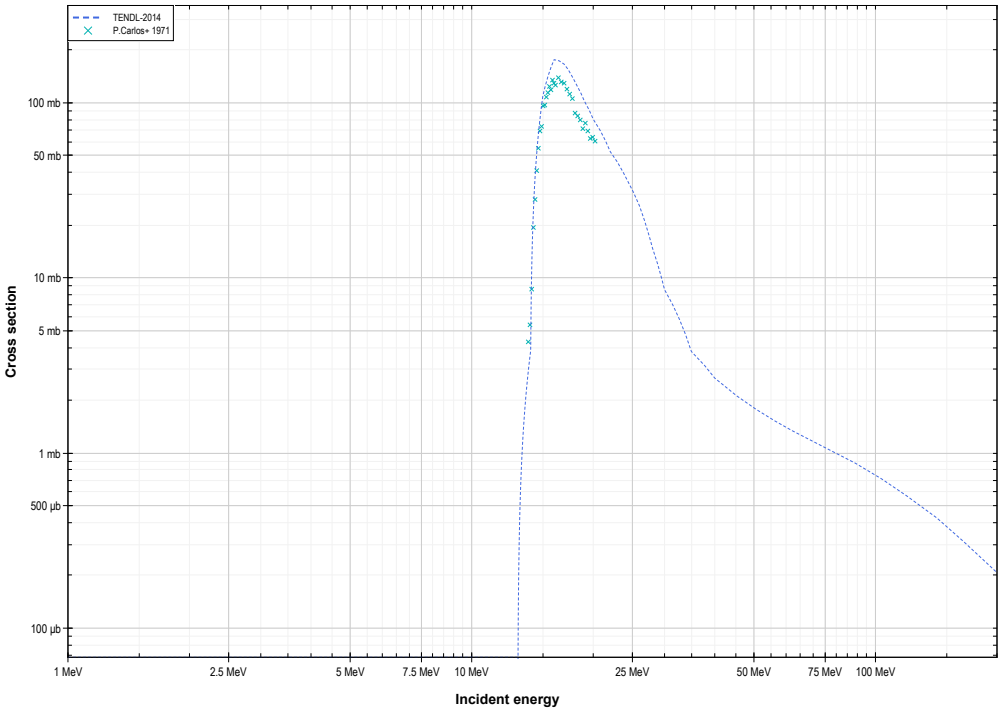
Nd144 (γ,n) lin-log



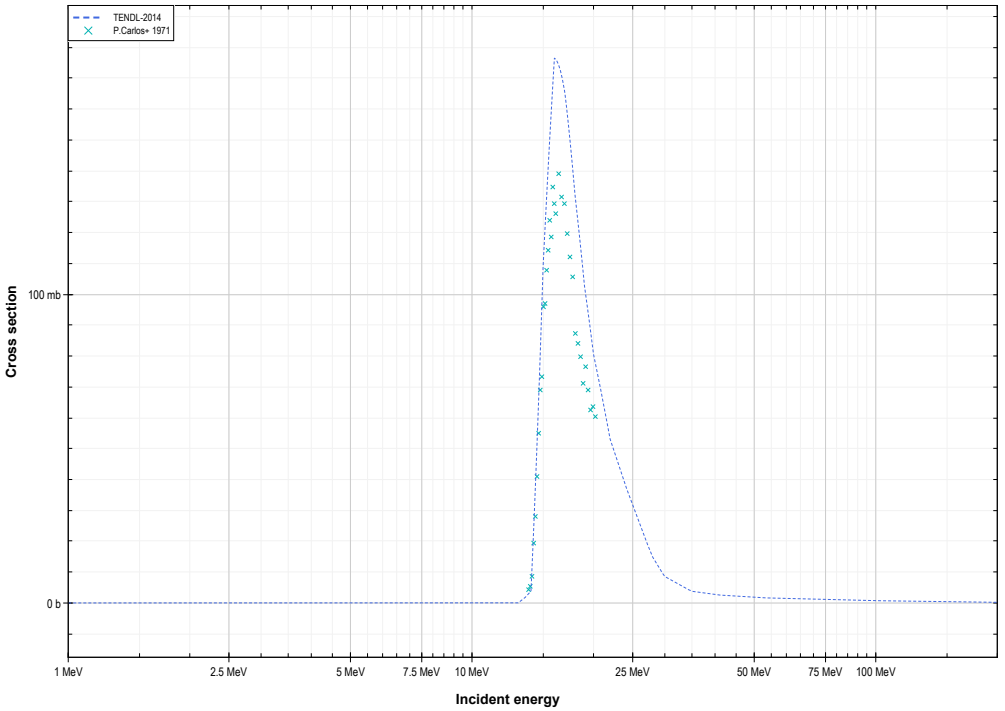
Reaction	Q-Value
Nd144(γ,n)Nd143	-7817.12 keV

<< 60-Nd-143	**60-Nd-144**	60-Nd-145 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Nd142 production)**	60-Nd-145 MT4 (γ,n) >>

Nd144 (γ,2n) log-log



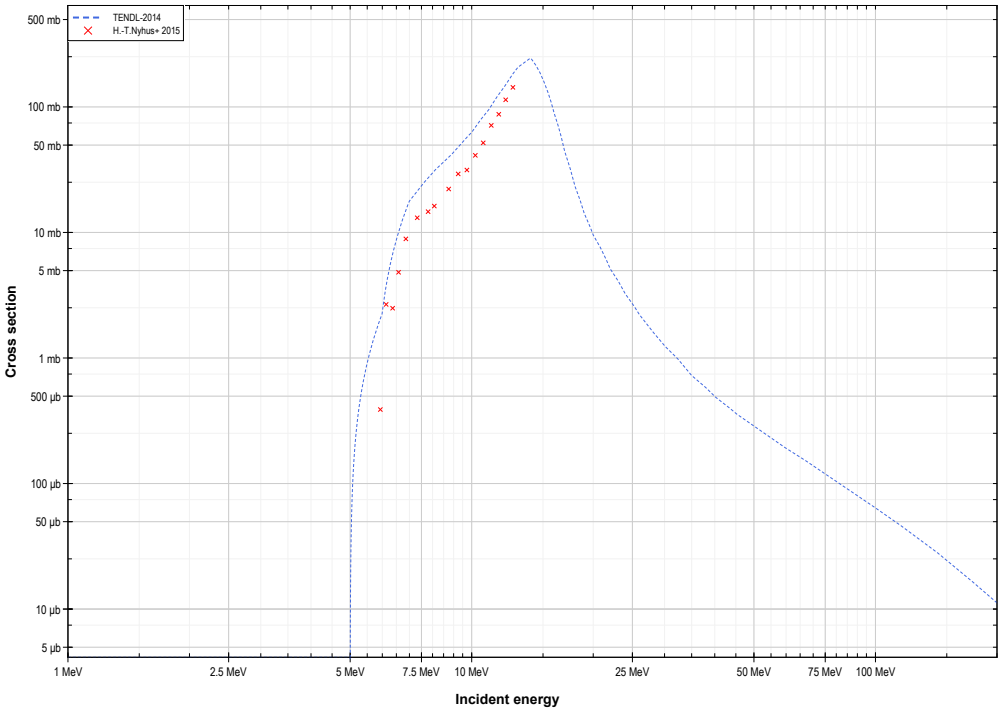
Nd144 (γ,2n) lin-log



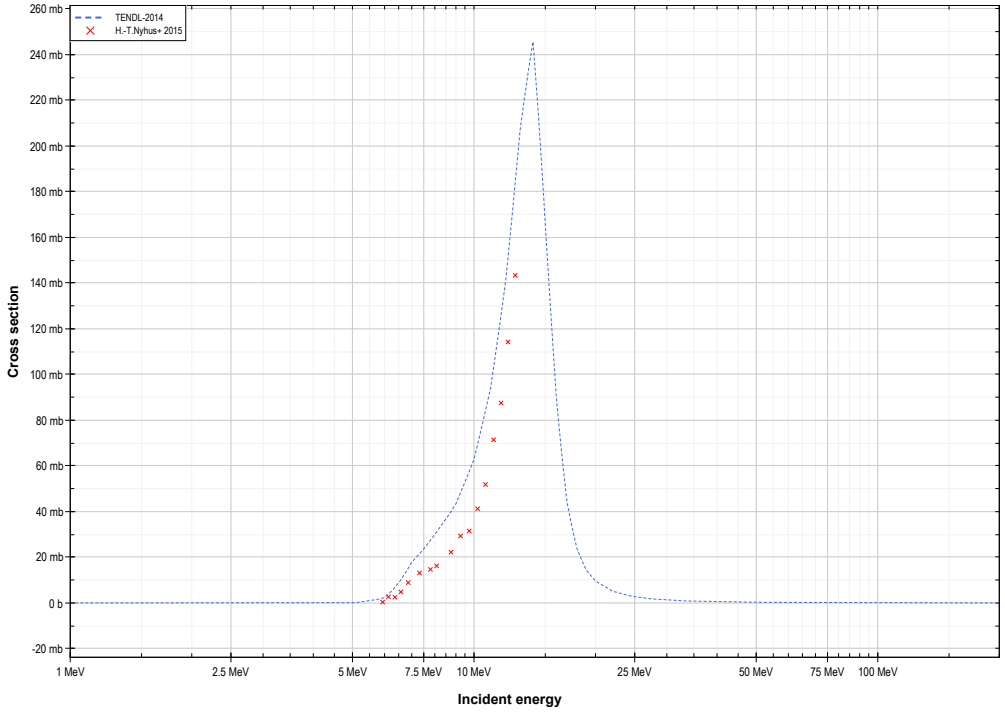
Reaction	Q-Value
Nd144(γ,2n)Nd142	-13940.63 keV

<< 60-Nd-144	**60-Nd-145**	60-Nd-146 >>
<< 60-Nd-144 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Nd144 production)**	MT16 (γ,2n) >>

Nd145 (γ,n) log-log



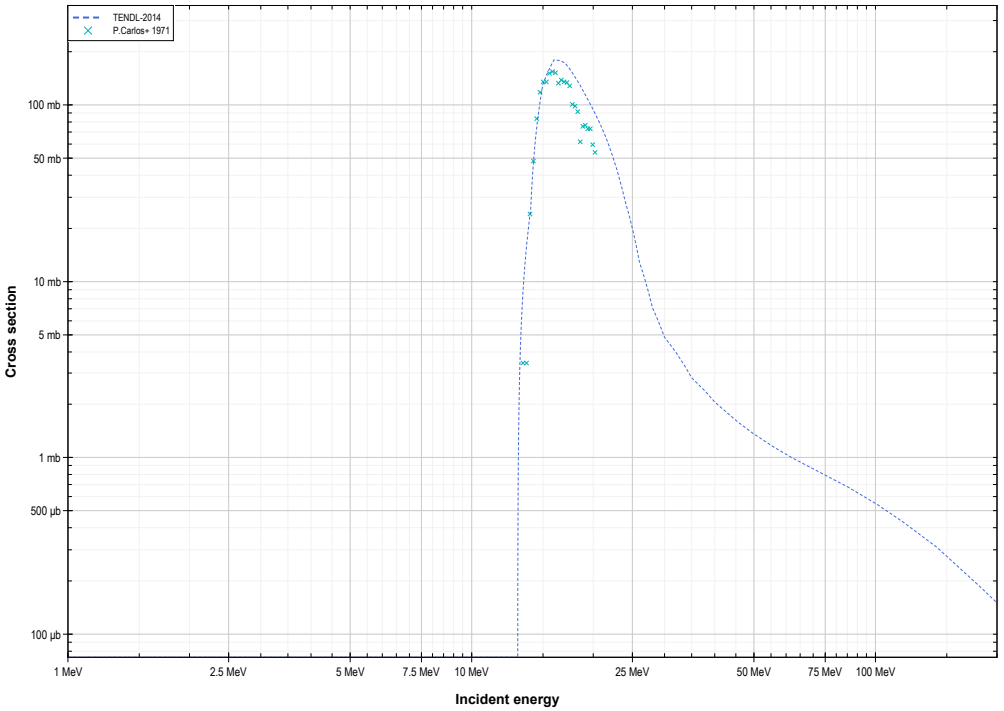
Nd145 (γ,n) lin-log



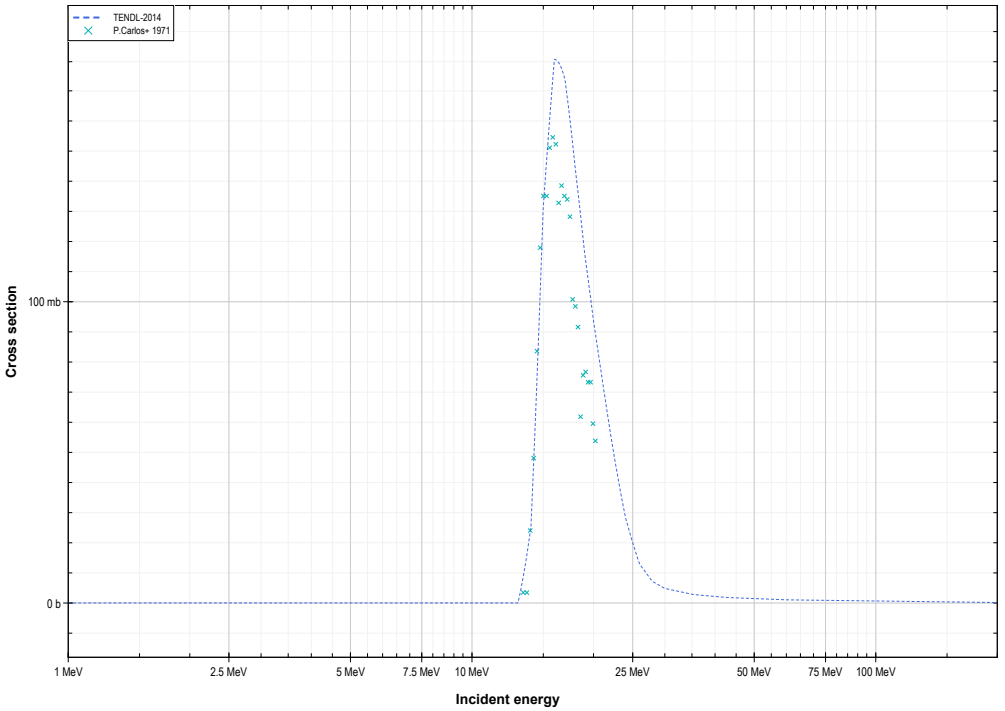
Reaction	Q-Value
Nd145(γ,n)Nd144	-5755.22 keV

<< 60-Nd-144	**60-Nd-145**	60-Nd-146 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Nd143 production)**	60-Nd-146 MT4 (γ,n) >>

Nd145 (γ,2n) log-log



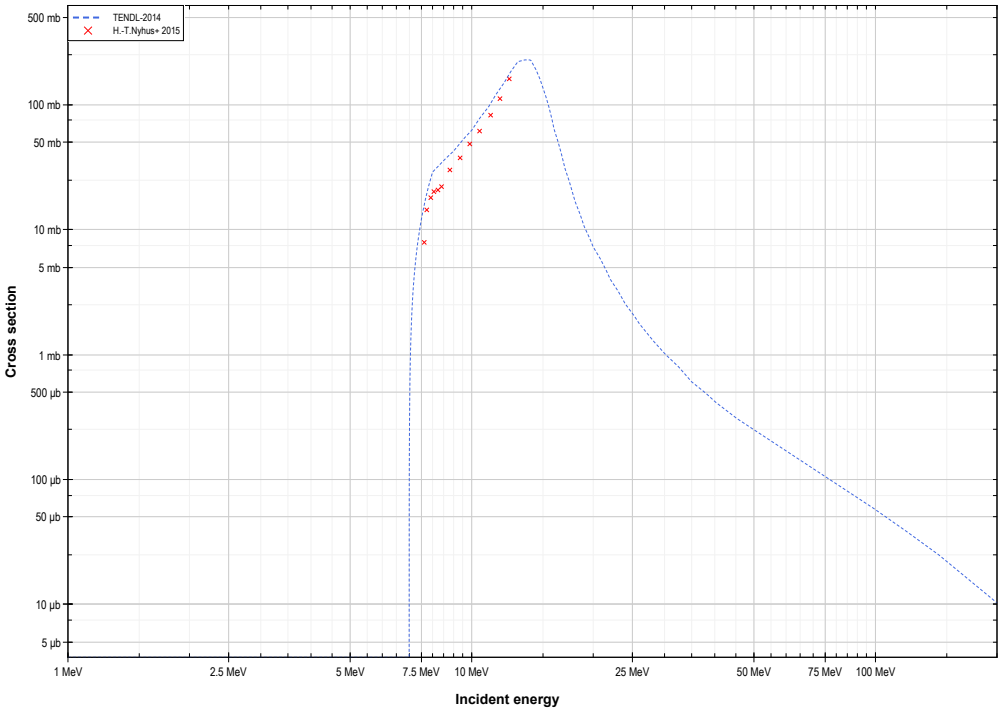
Nd145 (γ,2n) lin-log



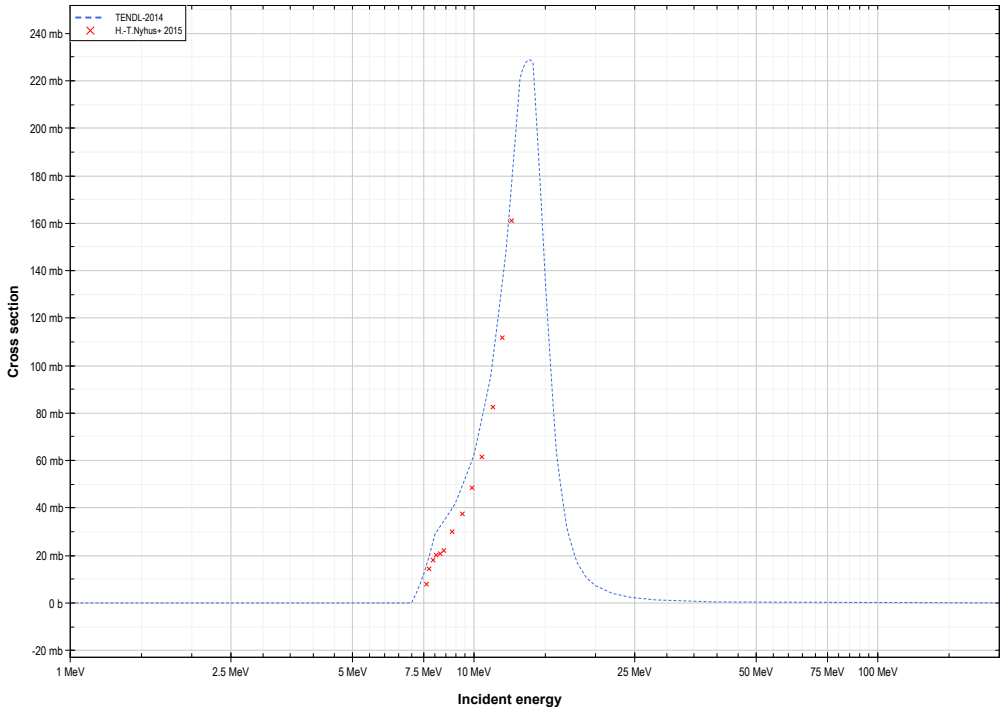
Reaction	Q-Value
Nd145(γ,2n)Nd143	-13572.33 keV

<< 60-Nd-145	**60-Nd-146**	60-Nd-148 >>
<< 60-Nd-145 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Nd145 production)**	MT16 (γ,2n) >>

Nd146 (γ,n) log-log



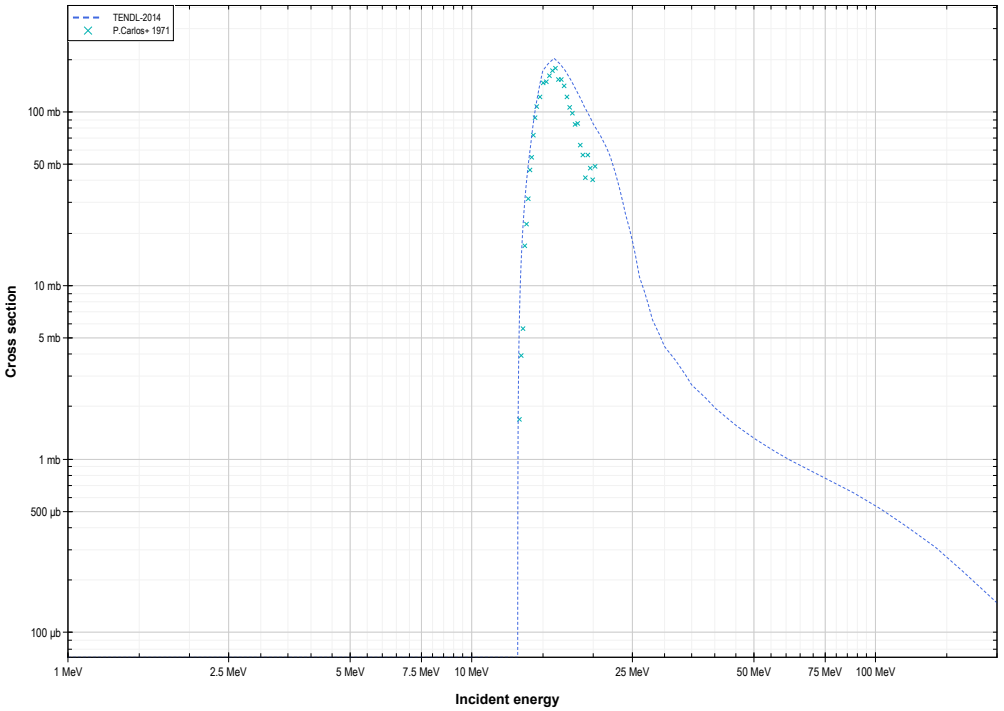
Nd146 (γ,n) lin-log



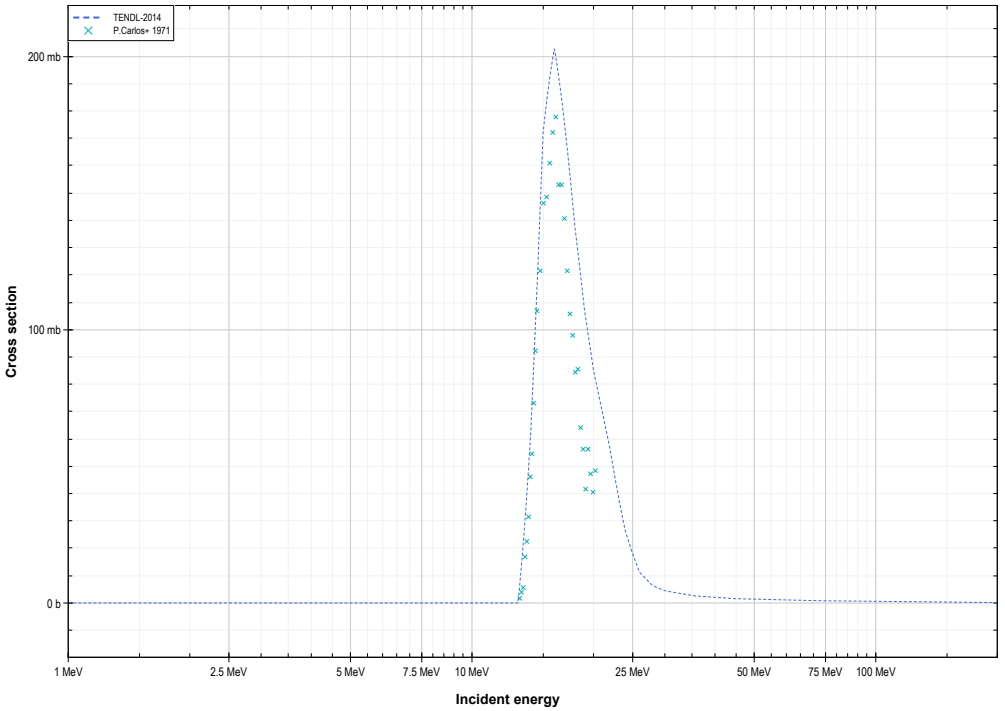
Reaction	Q-Value
Nd146(γ,n)Nd145	-7565.32 keV

<< 60-Nd-145	**60-Nd-146**	60-Nd-148 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Nd144 production)**	60-Nd-148 MT4 (γ,n) >>

Nd146 (γ,2n) log-log



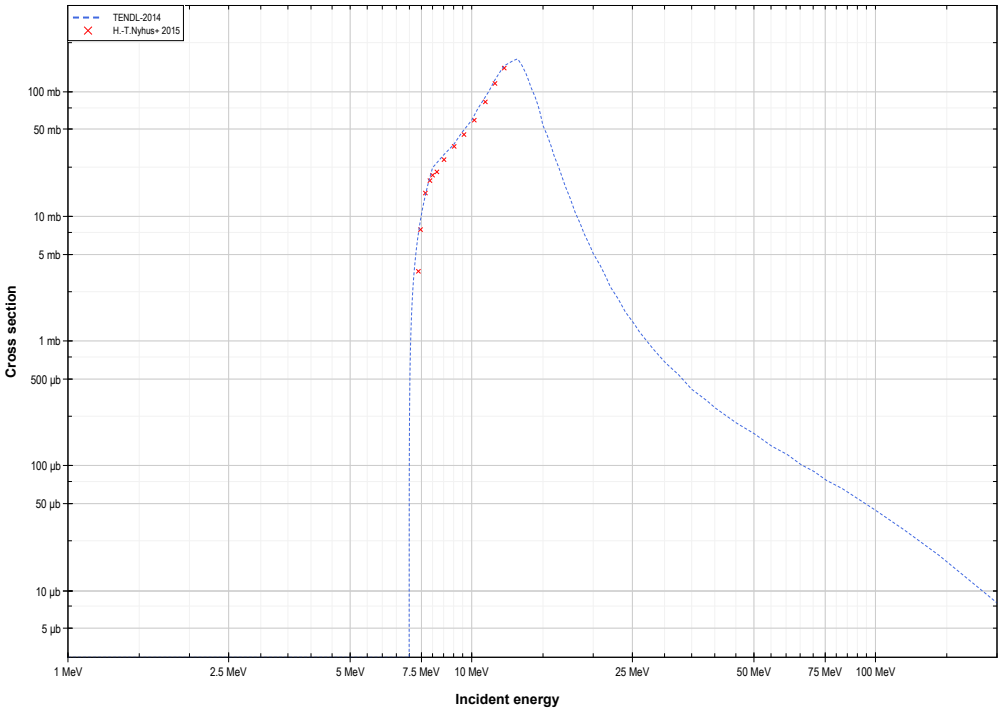
Nd146 (γ,2n) lin-log



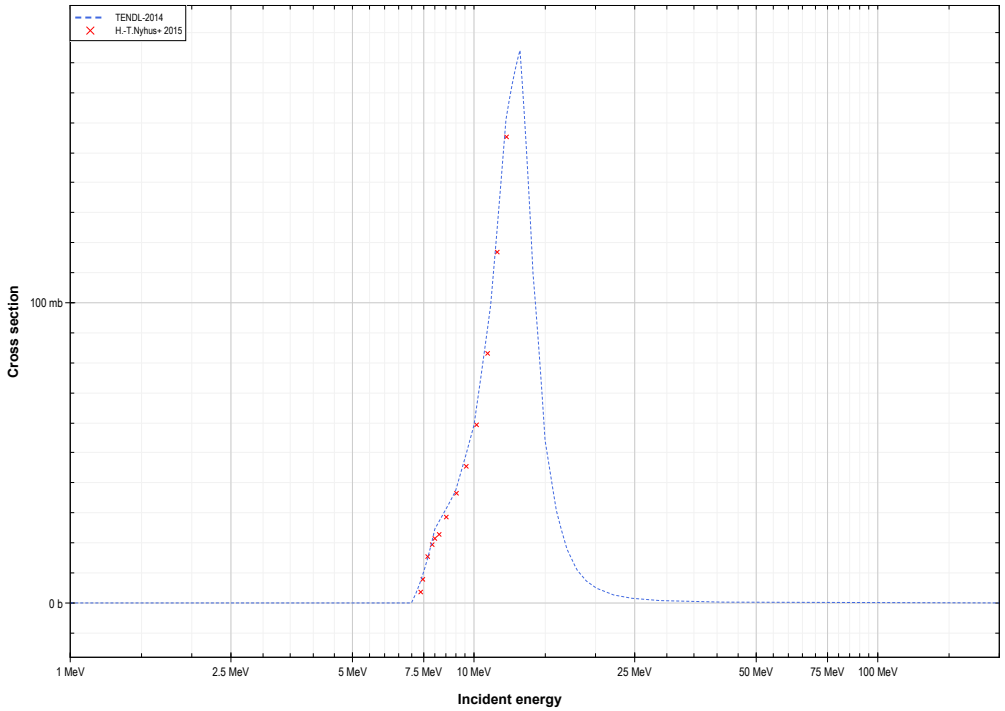
Reaction	Q-Value
Nd146(γ,2n)Nd144	-13320.53 keV

<< 60-Nd-146	**60-Nd-148**	62-Sm-144 >>
<< 60-Nd-146 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Nd147 production)**	MT16 (γ,2n) >>

Nd148 (γ,n) log-log



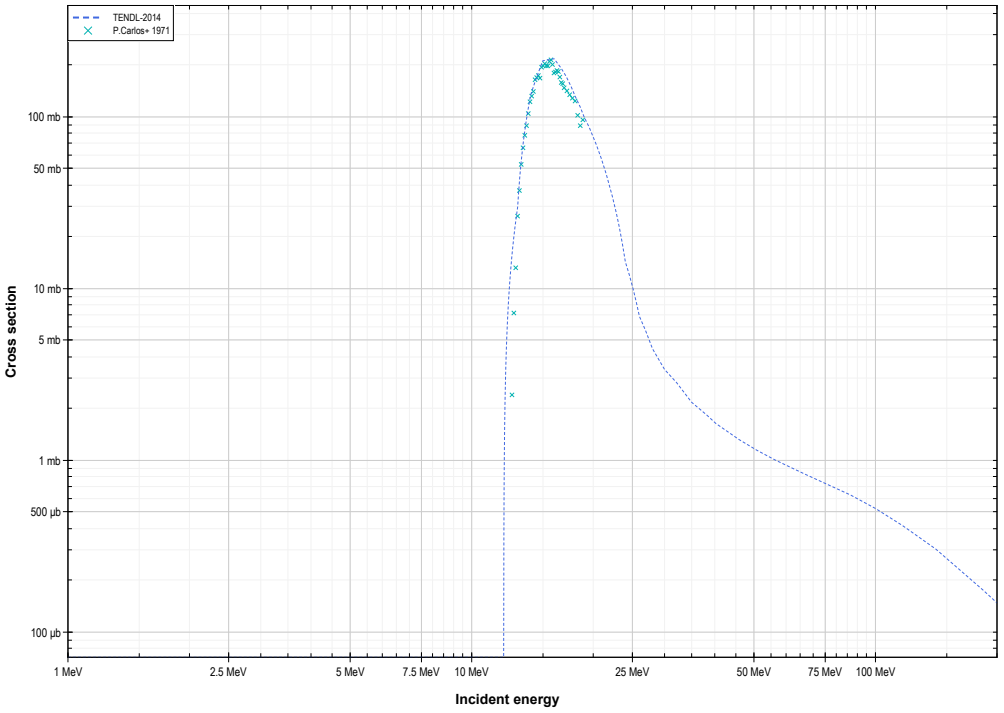
Nd148 (γ,n) lin-log



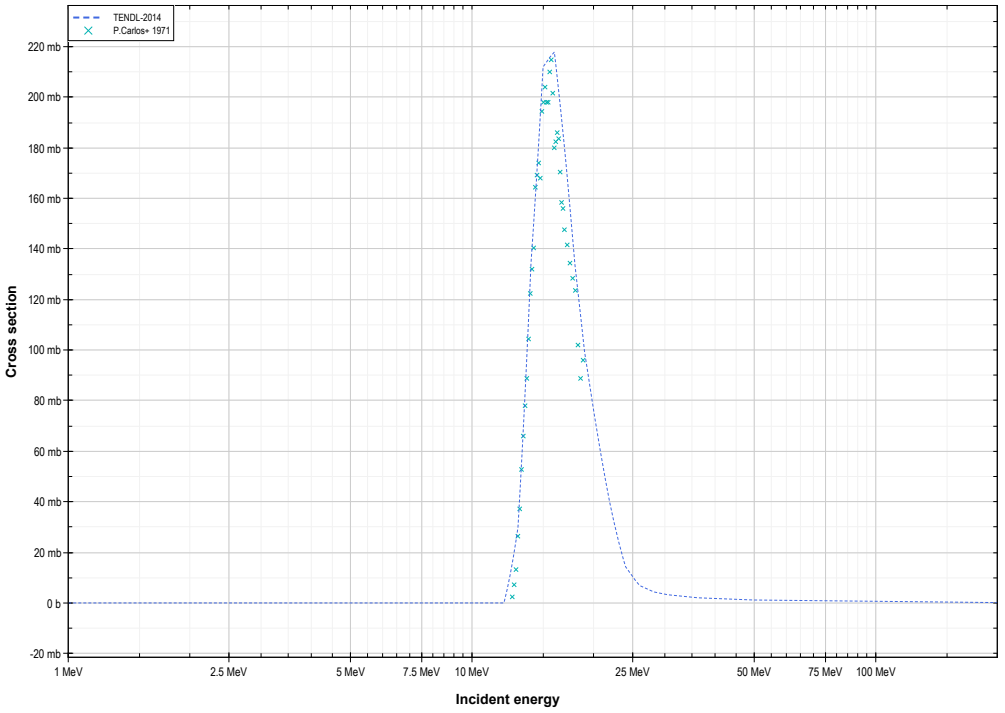
Reaction	Q-Value
Nd148(γ,n)Nd147	-7332.82 keV

<< 60-Nd-146	**60-Nd-148**	60-Nd-150 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Nd146 production)**	60-Nd-150 MT16 (γ,2n) >>

Nd148 (γ,2n) log-log



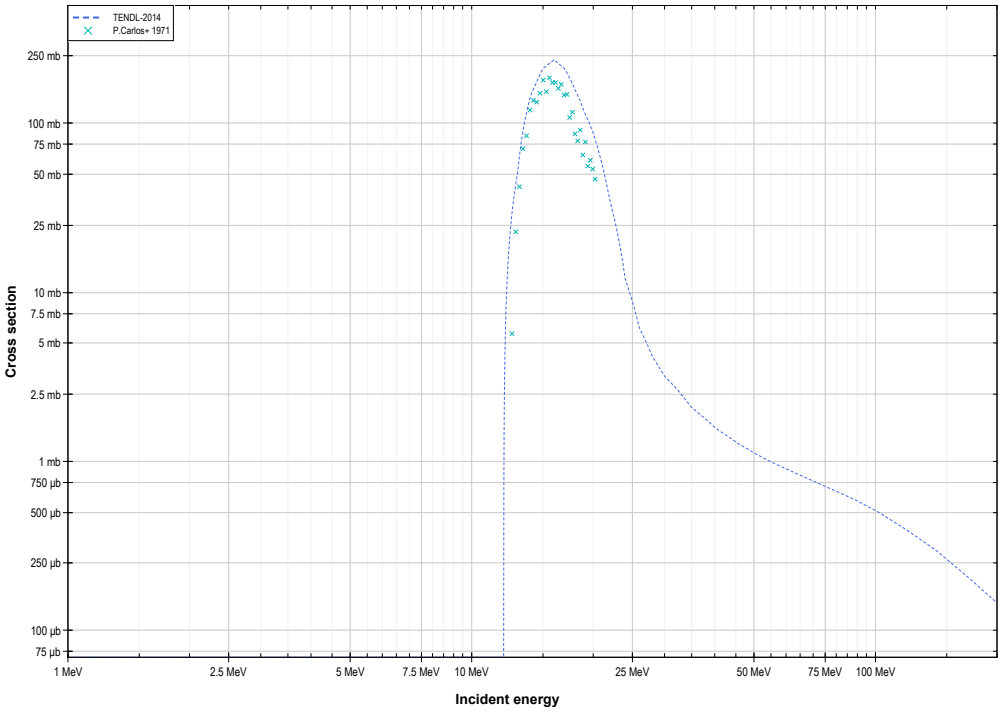
Nd148 (γ,2n) lin-log



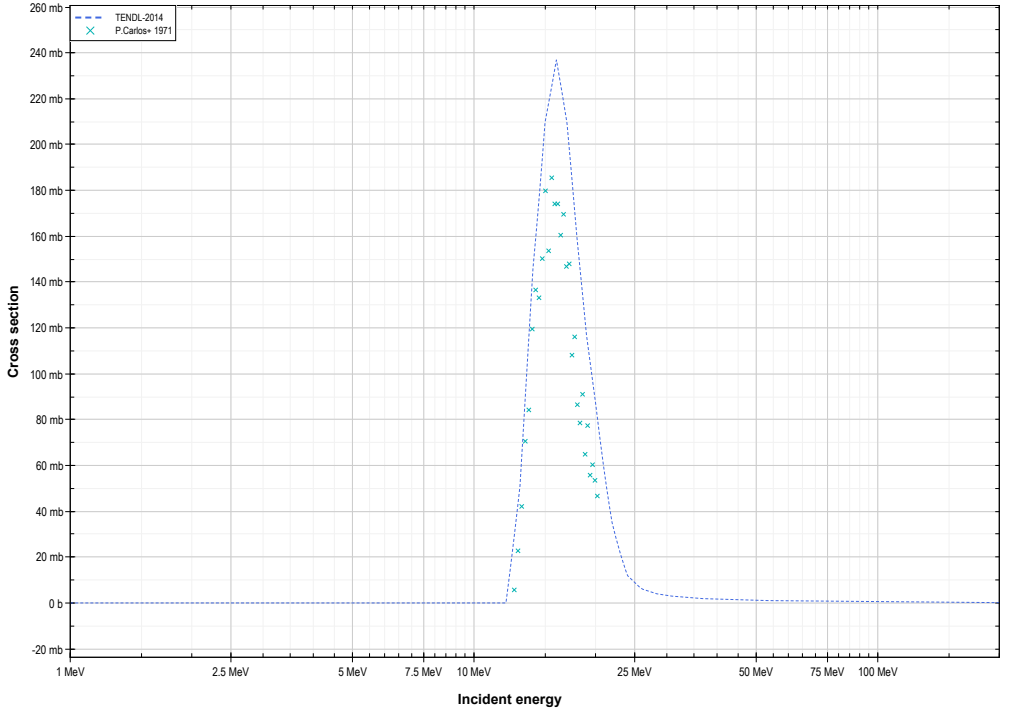
Reaction	Q-Value
Nd148(γ,2n)Nd146	-12624.93 keV

<< 60-Nd-148	**60-Nd-150**	62-Sm-144 >>
<< 60-Nd-148 MT16 (γ,2n)	**MT16 (γ,2n) or MT5 (Nd148 production)**	62-Sm-144 MT4 (γ,n) >>

Nd150 (γ,2n) log-log



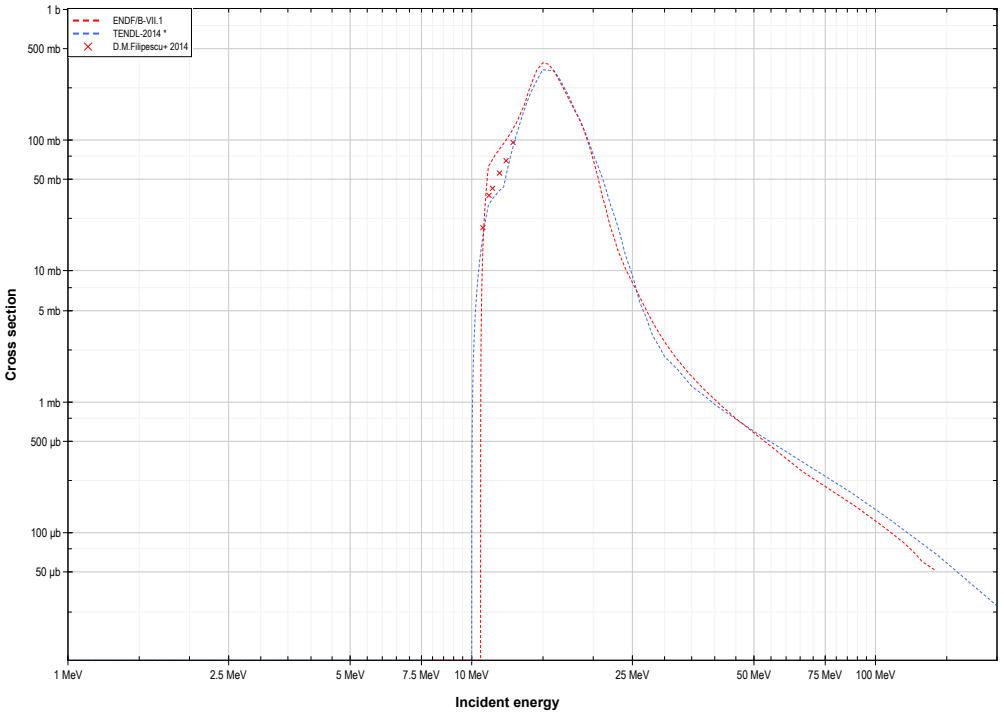
Nd150 (γ,2n) lin-log



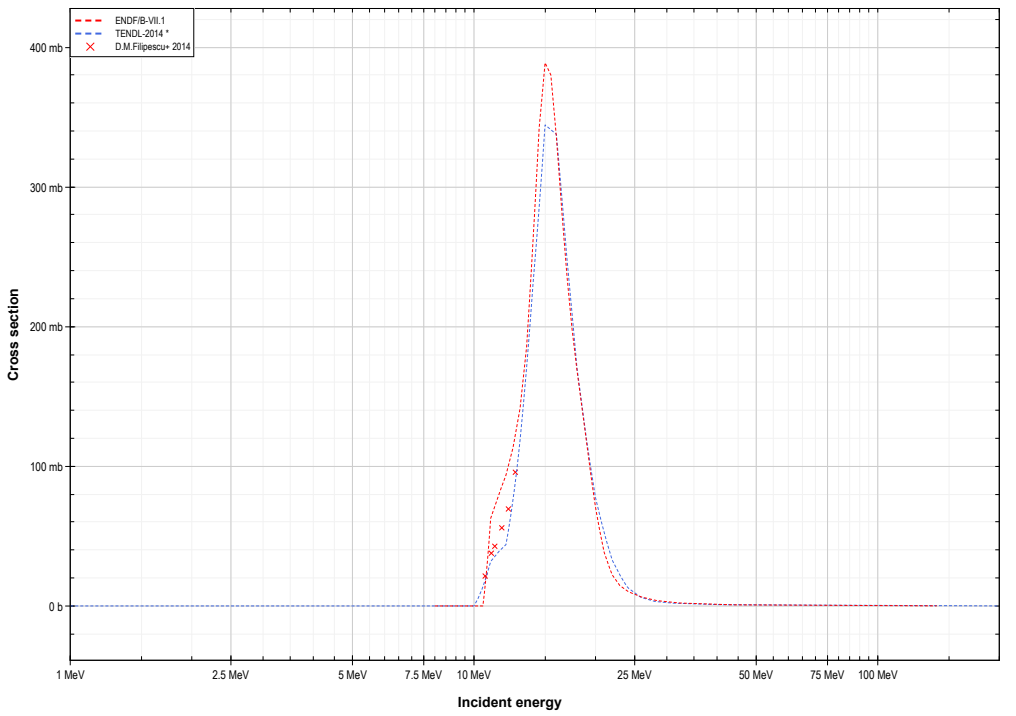
Reaction	Q-Value
Nd150(γ,2n)Nd148	-12419.23 keV

<< 60-Nd-148	**62-Sm-144**	62-Sm-147 >>
<< 60-Nd-150 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Sm143 production)**	MT16 (γ,2n) >>

Sm144 (γ,n) log-log



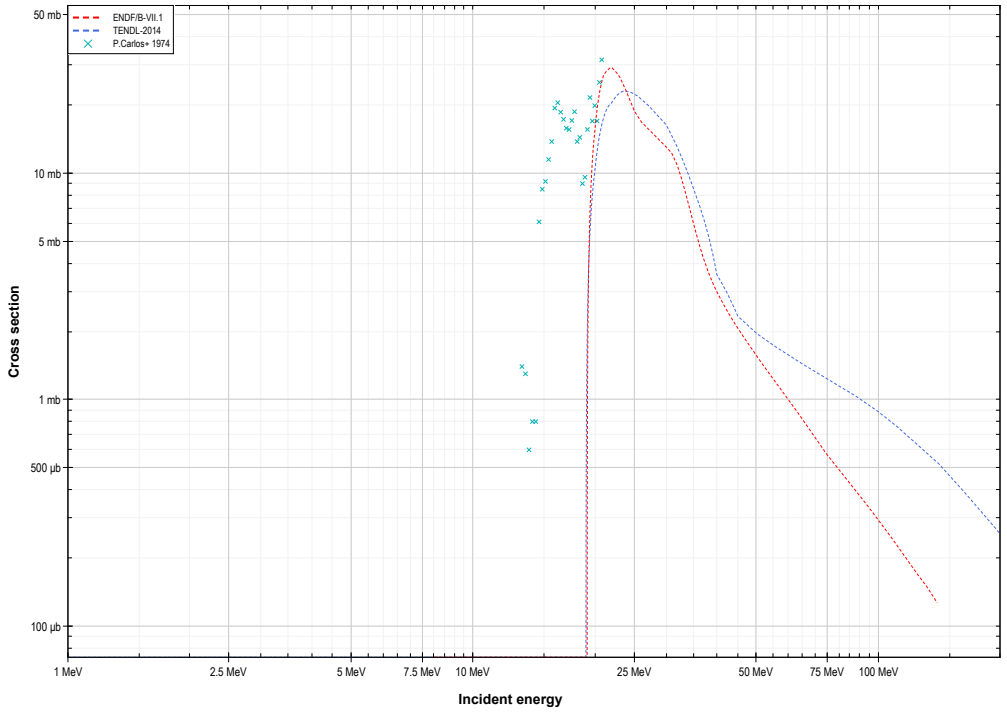
Sm144 (γ,n) lin-log



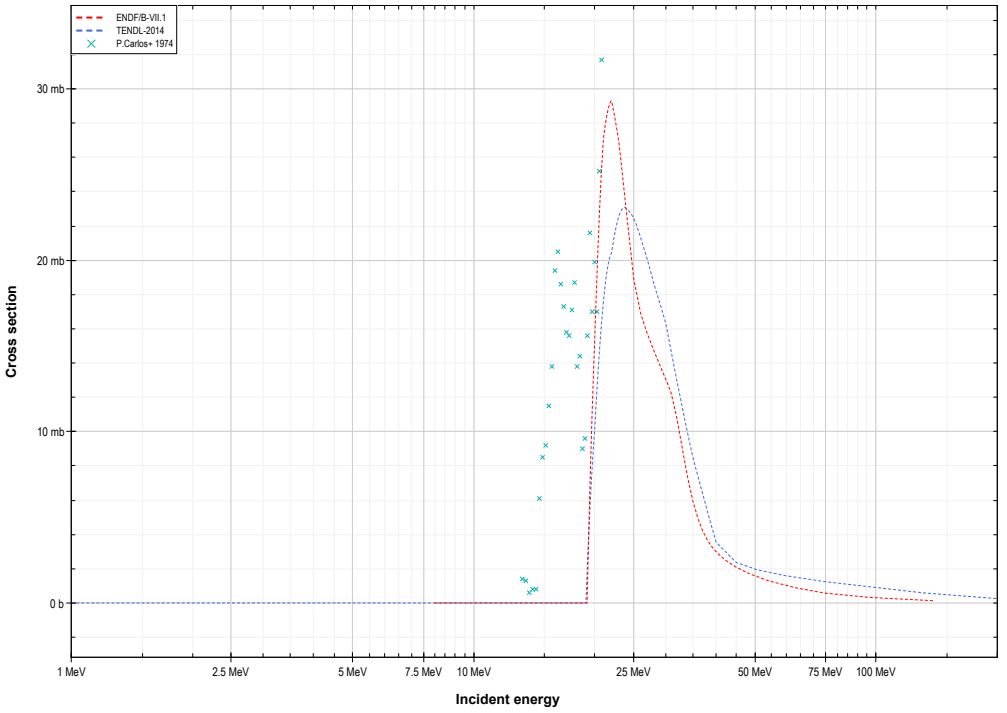
Reaction	Q-Value
Sm144(γ,n)Sm143	-10520.32 keV

<< 60-Nd-150	**62-Sm-144**	62-Sm-148 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sm142 production)**	62-Sm-147 MT4 (γ,n) >>

Sm144 (γ,2n) log-log



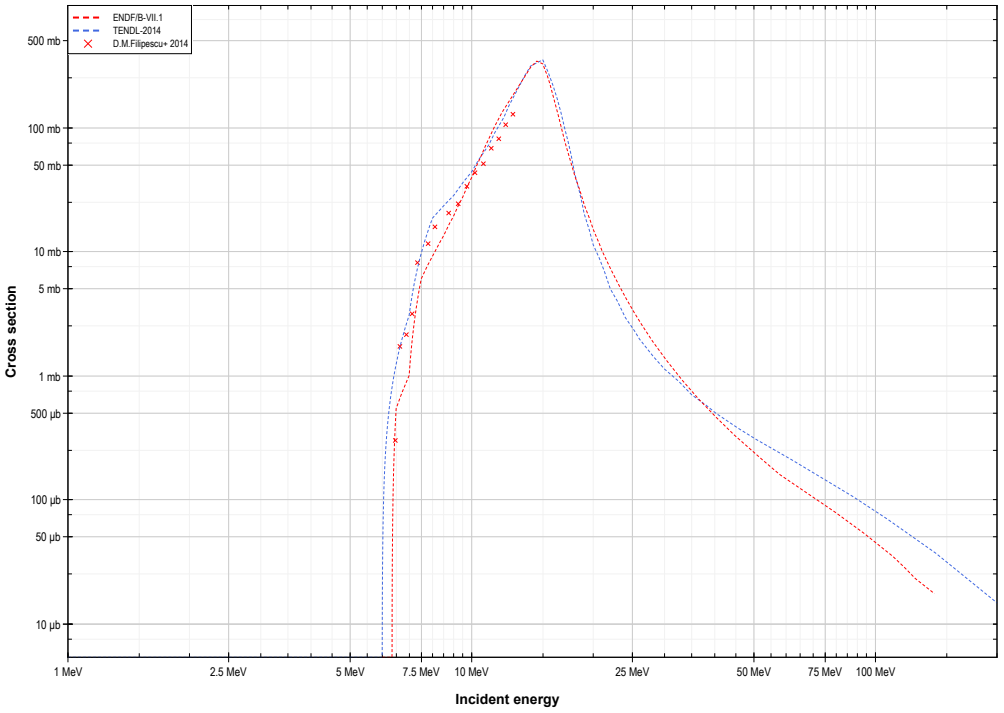
Sm144 (γ,2n) lin-log



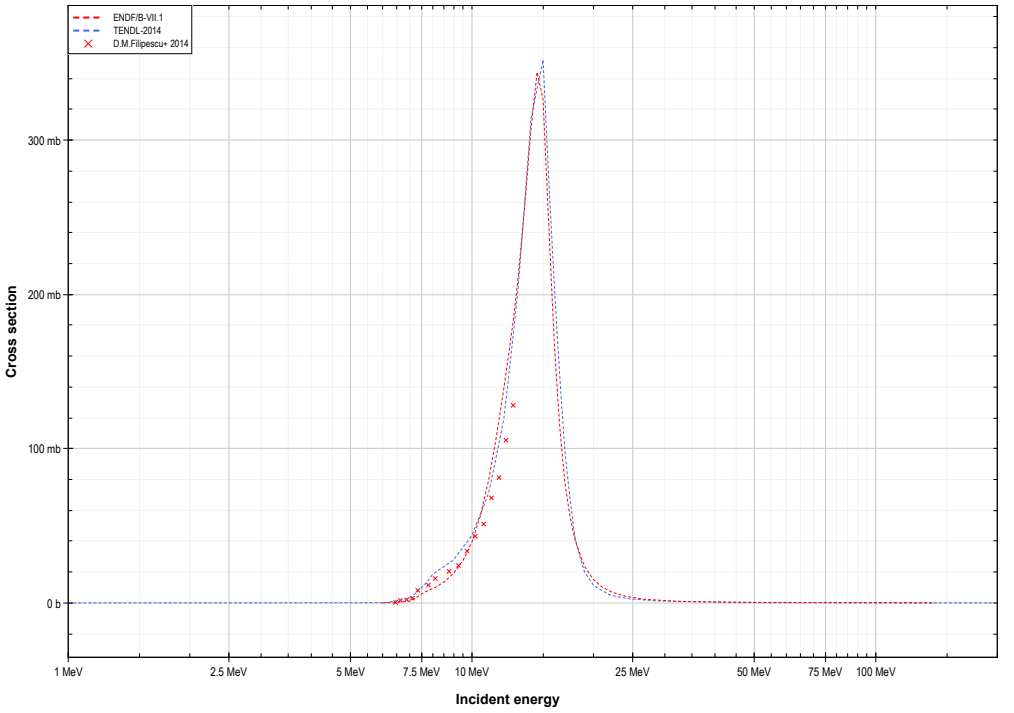
Reaction	Q-Value
Sm144(γ,2n)Sm142	-19121.63 keV

<< 62-Sm-144	**62-Sm-147**	62-Sm-148 >>
<< 62-Sm-144 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Sm146 production)**	62-Sm-148 MT4 (γ,n) >>

Sm147 (γ,n) log-log



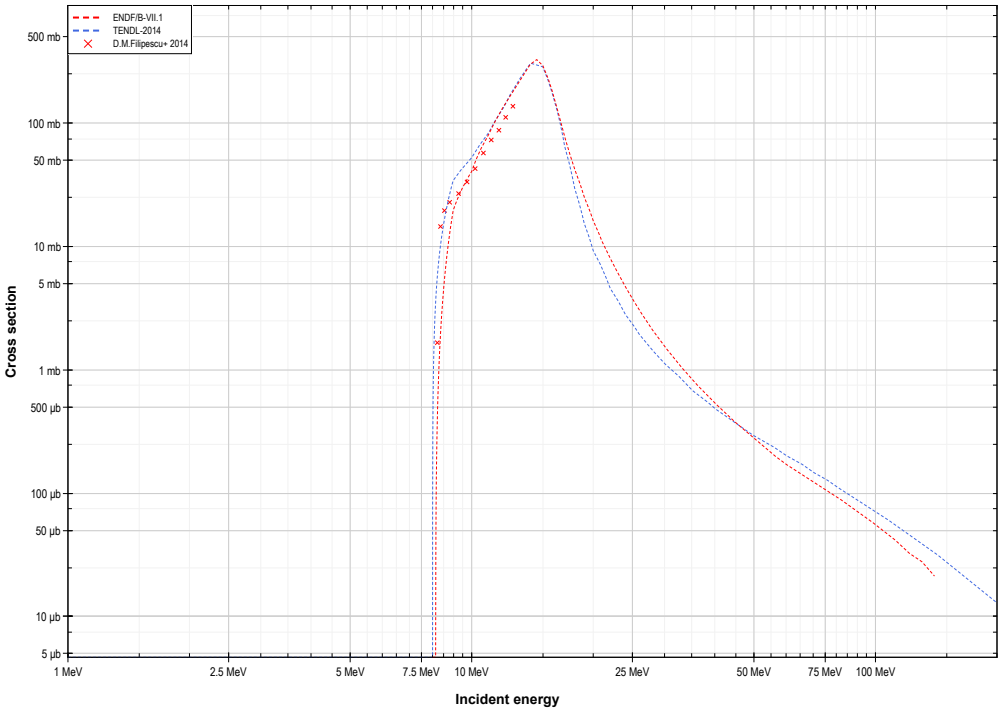
Sm147 (γ,n) lin-log



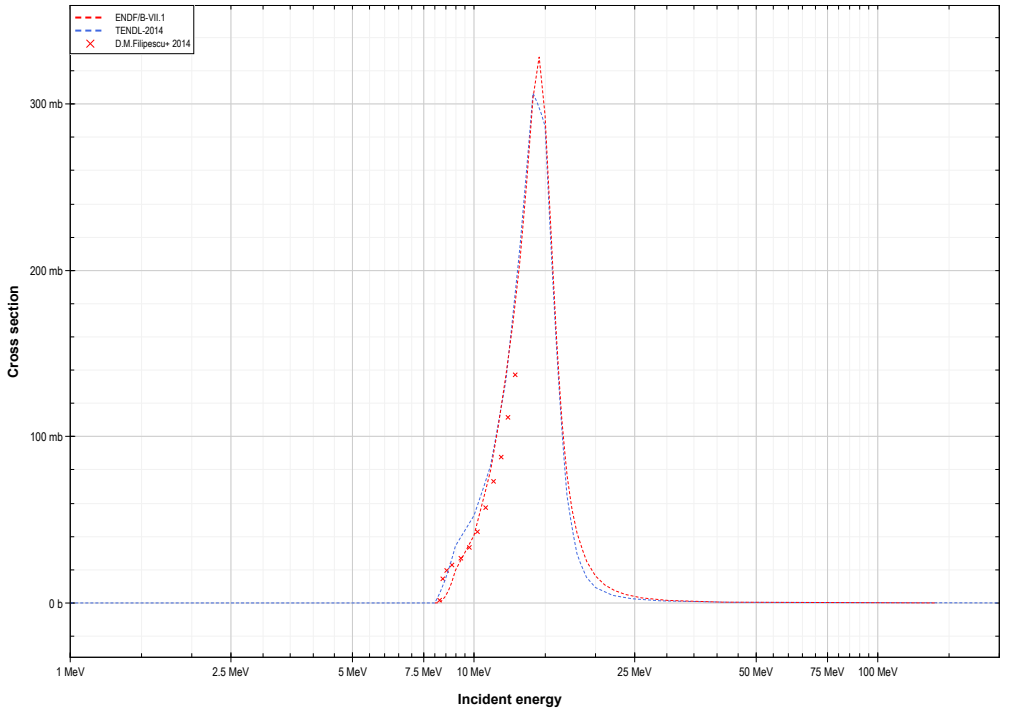
Reaction	Q-Value
Sm147(γ,n)Sm146	-6341.42 keV

<< 62-Sm-147	**62-Sm-148**	62-Sm-149 >>
<< 62-Sm-147 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Sm147 production)**	MT16 (γ,2n) >>

Sm148 (γ,n) log-log



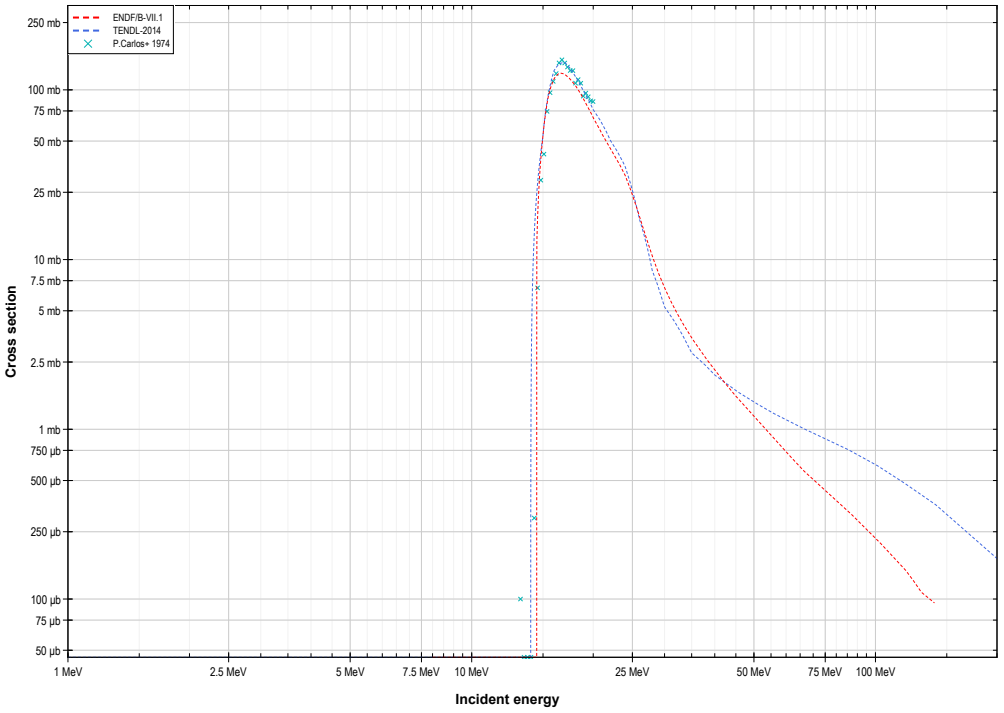
Sm148 (γ,n) lin-log



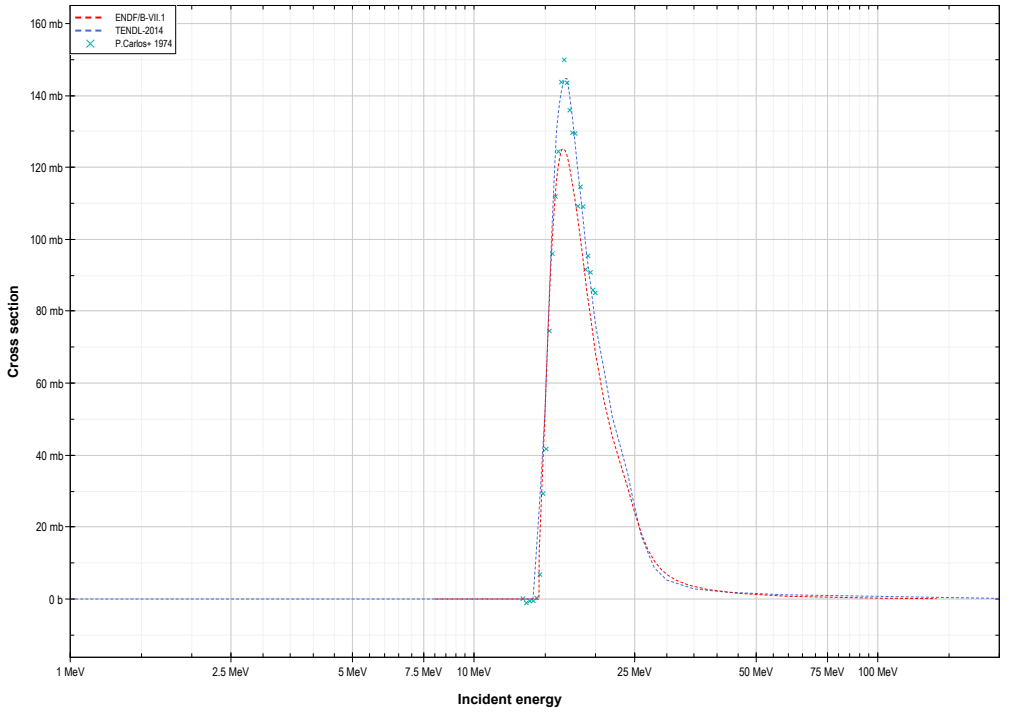
Reaction	Q-Value
Sm148(γ,n)Sm147	-8141.42 keV

<< 62-Sm-144	**62-Sm-148**	62-Sm-150 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sm146 production)**	62-Sm-149 MT4 (γ,n) >>

Sm148 (γ,2n) log-log



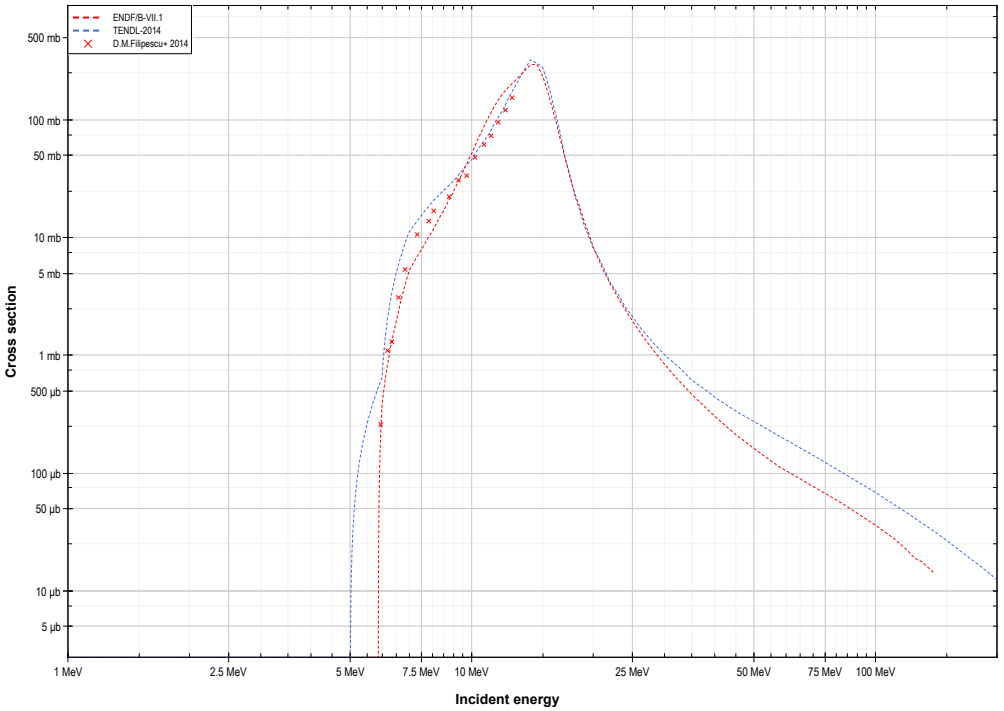
Sm148 (γ,2n) lin-log



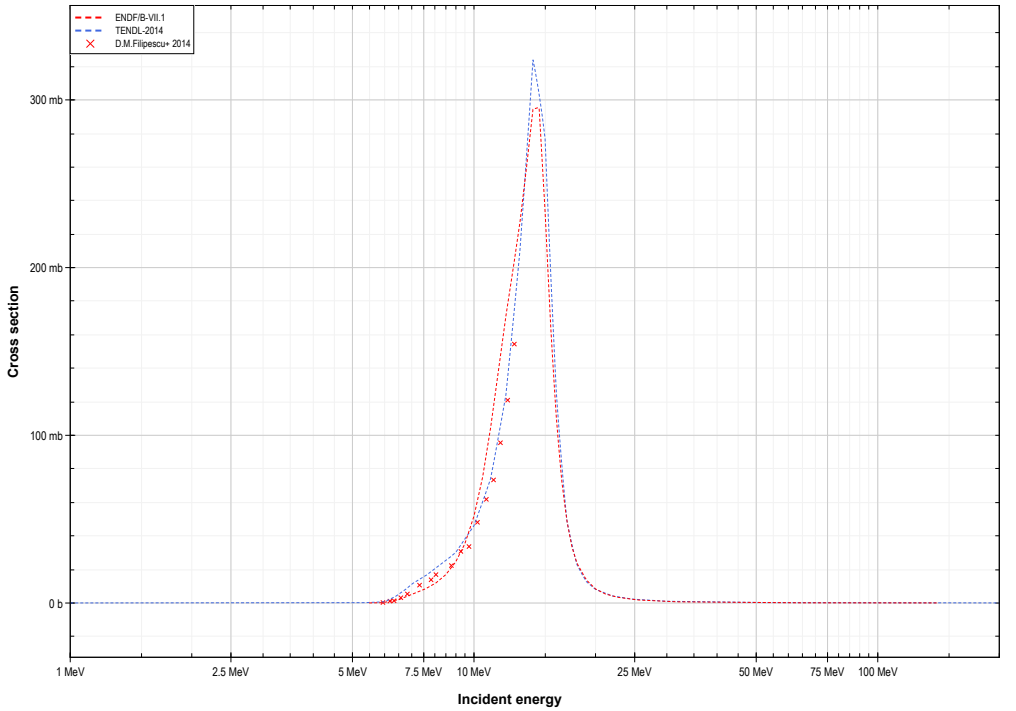
Reaction	Q-Value
Sm148(γ,2n)Sm146	-14482.83 keV

<< 62-Sm-148	**62-Sm-149**	62-Sm-150 >>
<< 62-Sm-148 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Sm148 production)**	62-Sm-150 MT4 (γ,n) >>

Sm149 (γ,n) log-log



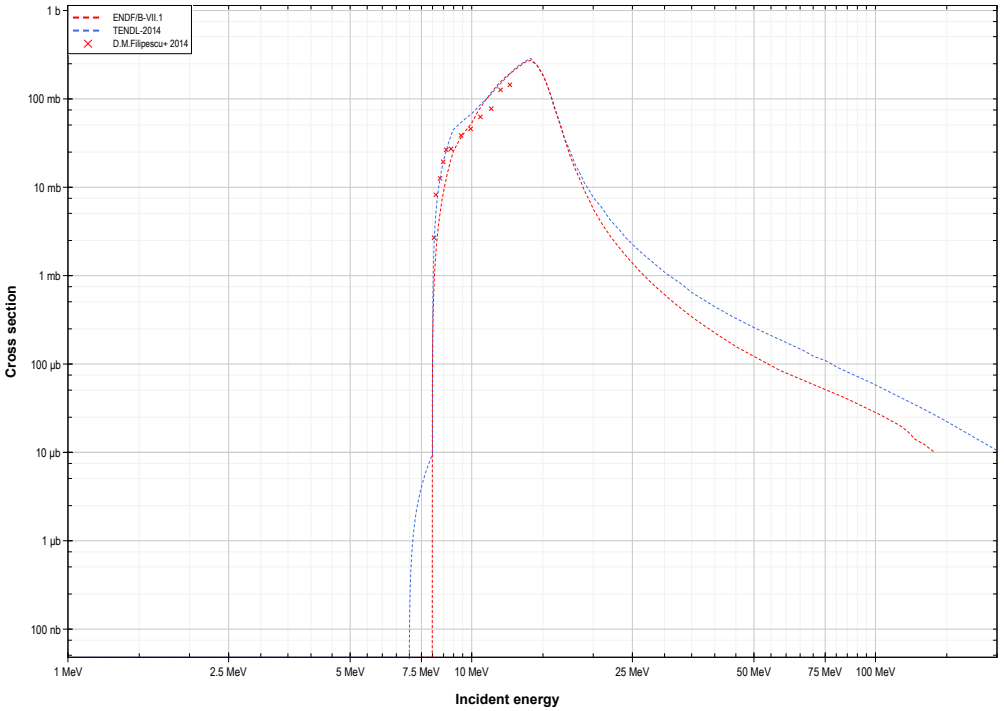
Sm149 (γ,n) lin-log



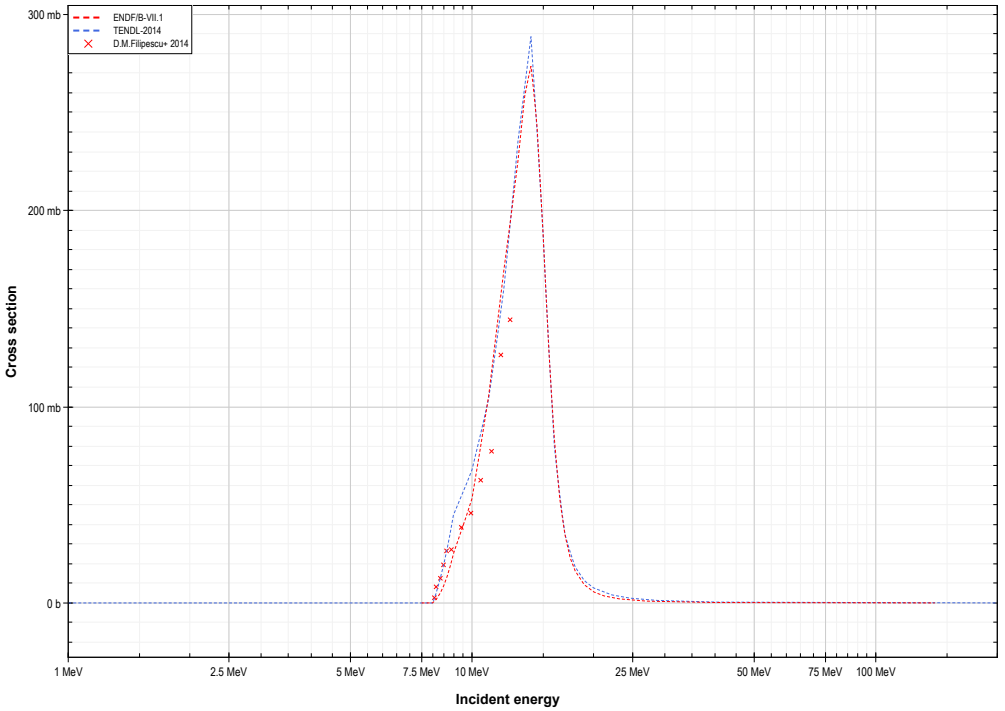
Reaction	Q-Value
Sm149(γ,n)Sm148	-5871.02 keV

<< 62-Sm-149	**62-Sm-150**	62-Sm-152 >>
<< 62-Sm-149 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Sm149 production)**	MT16 (γ,2n) >>

Sm150 (γ,n) log-log



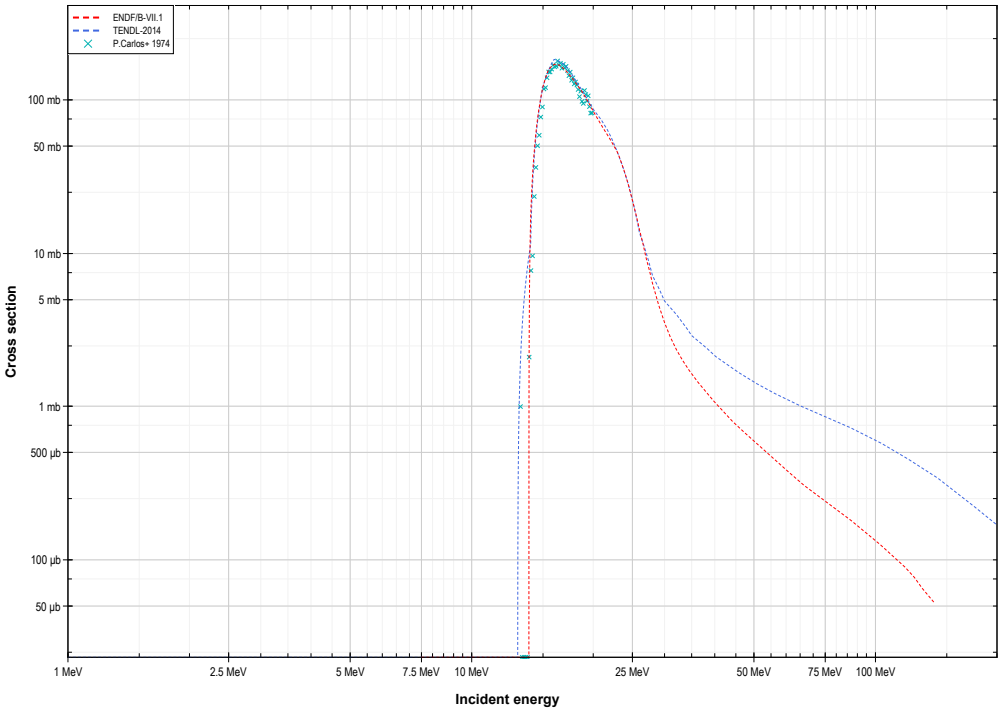
Sm150 (γ,n) lin-log



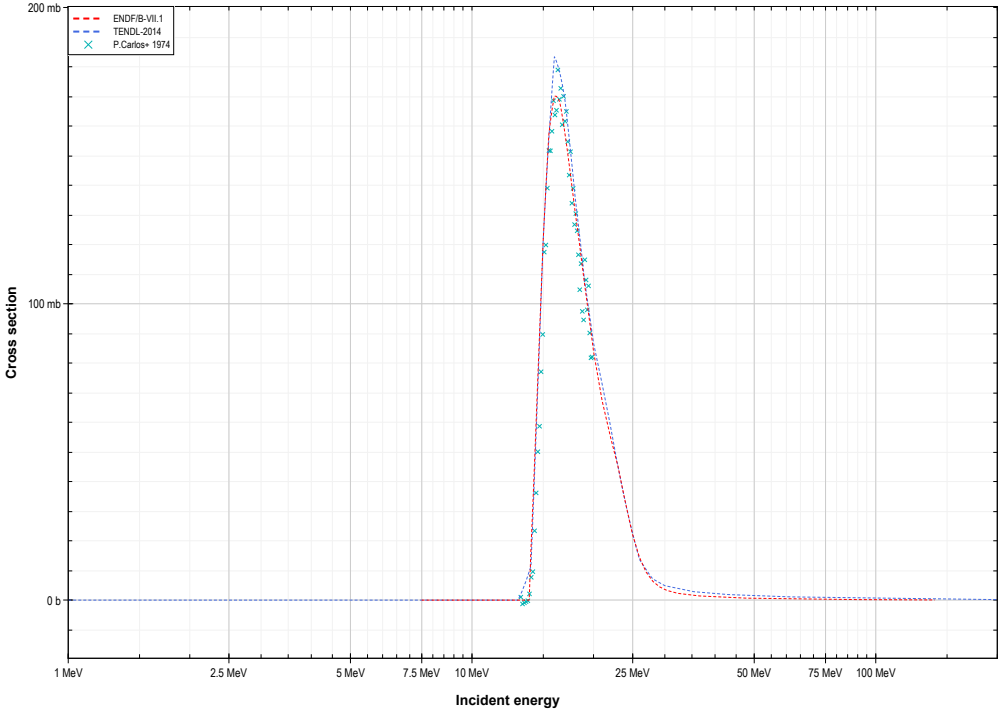
Reaction	Q-Value
Sm150(γ,n)Sm149	-7986.72 keV

<< 62-Sm-148	**62-Sm-150**	62-Sm-152 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sm148 production)**	62-Sm-152 MT4 (γ,n) >>

Sm150 (γ,2n) log-log



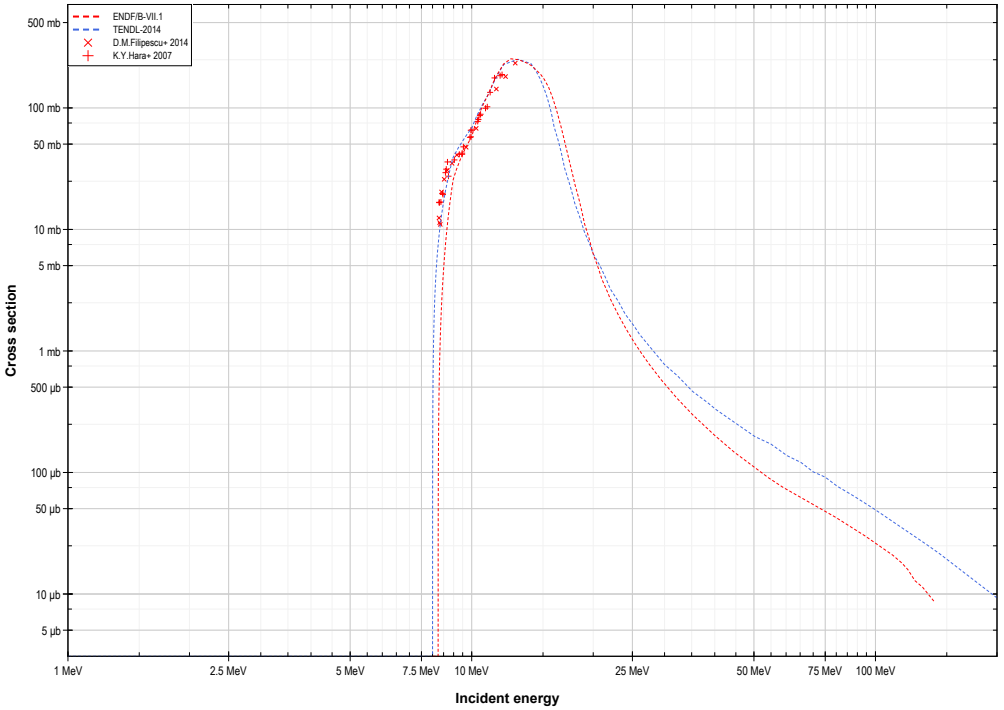
Sm150 (γ,2n) lin-log



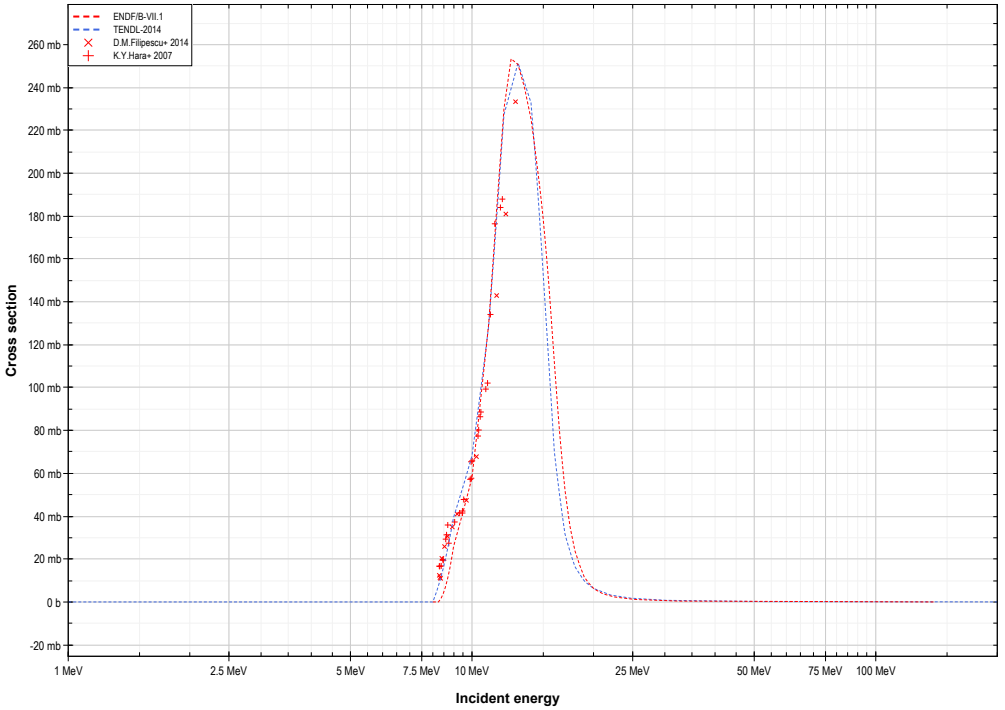
Reaction	Q-Value
Sm150(γ,2n)Sm148	-13857.73 keV

<< 62-Sm-150	**62-Sm-152**	62-Sm-154 >>
<< 62-Sm-150 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Sm151 production)**	MT16 (γ,2n) >>

Sm152 (γ,n) log-log



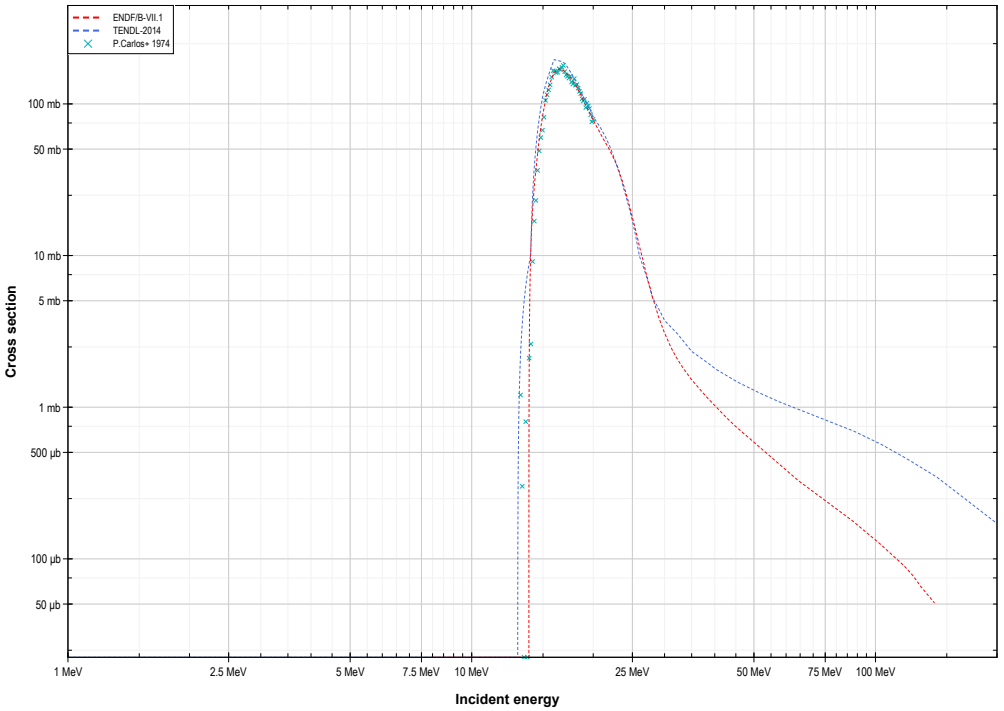
Sm152 (γ,n) lin-log



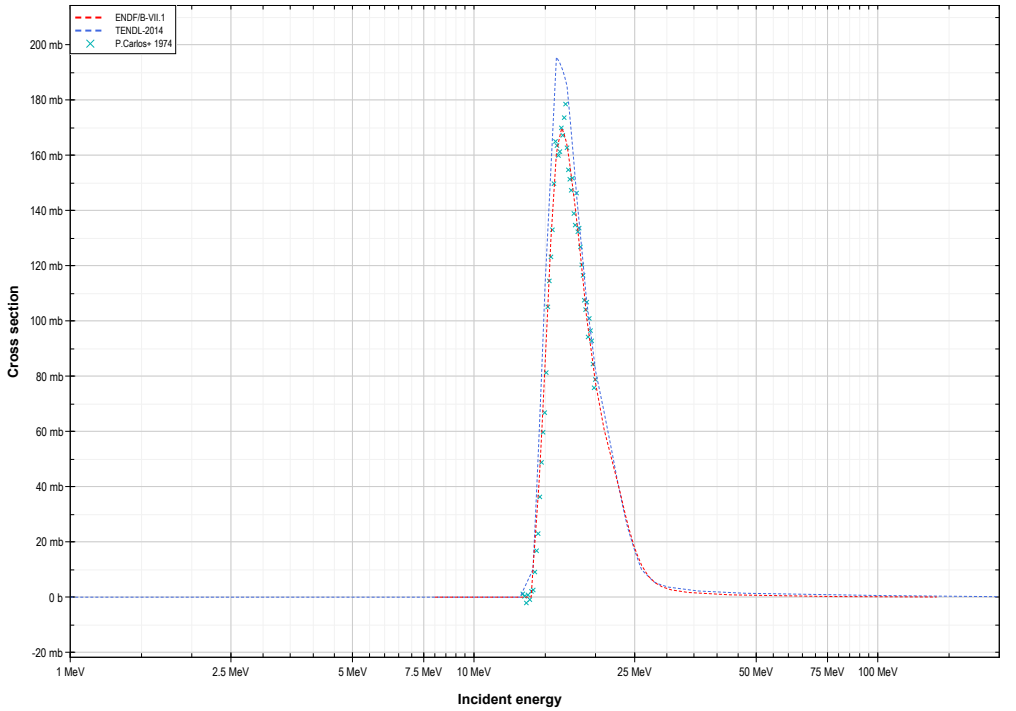
Reaction	Q-Value
Sm152(γ,n)Sm151	-8257.62 keV

<< 62-Sm-150	**62-Sm-152**	62-Sm-154 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sm150 production)**	62-Sm-154 MT4 (γ,n) >>

Sm152 (γ,2n) log-log



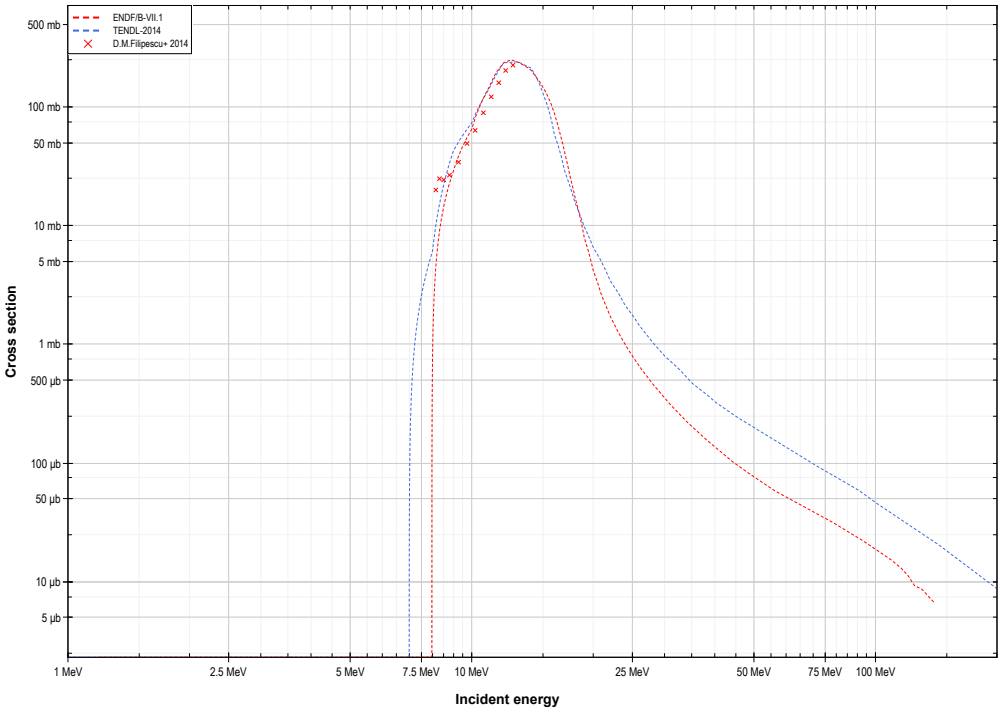
Sm152 (γ,2n) lin-log



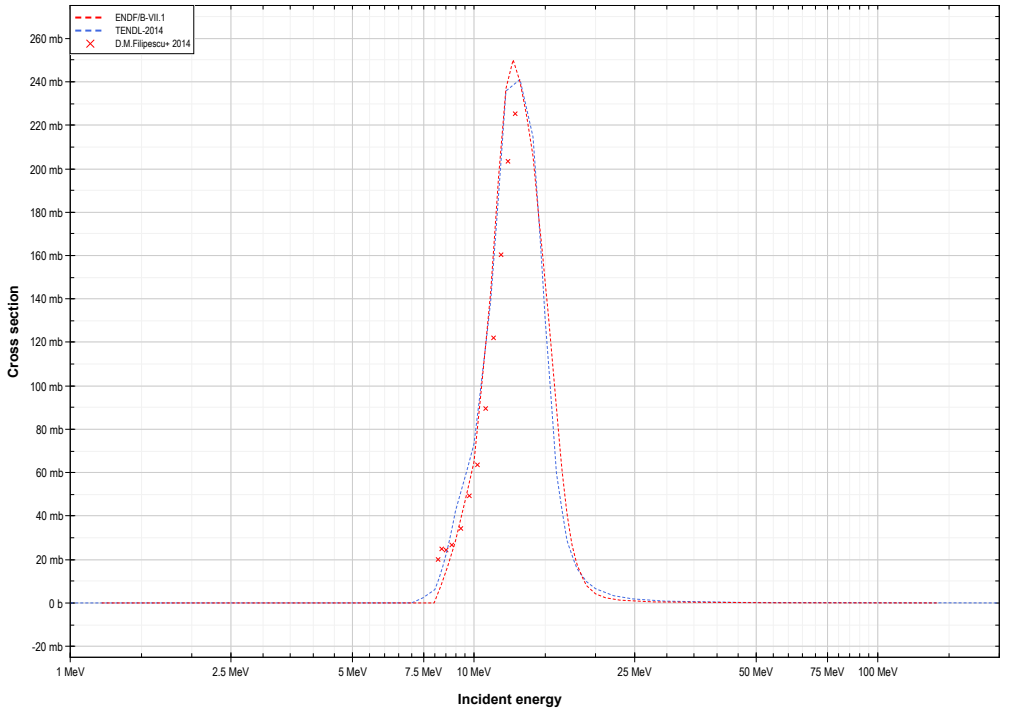
Reaction	Q-Value
Sm152(γ,2n)Sm150	-13854.13 keV

<< 62-Sm-152	**62-Sm-154**	63-Eu-153 >>
<< 62-Sm-152 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Sm153 production)**	MT16 (γ,2n) >>

Sm154 (γ,n) log-log



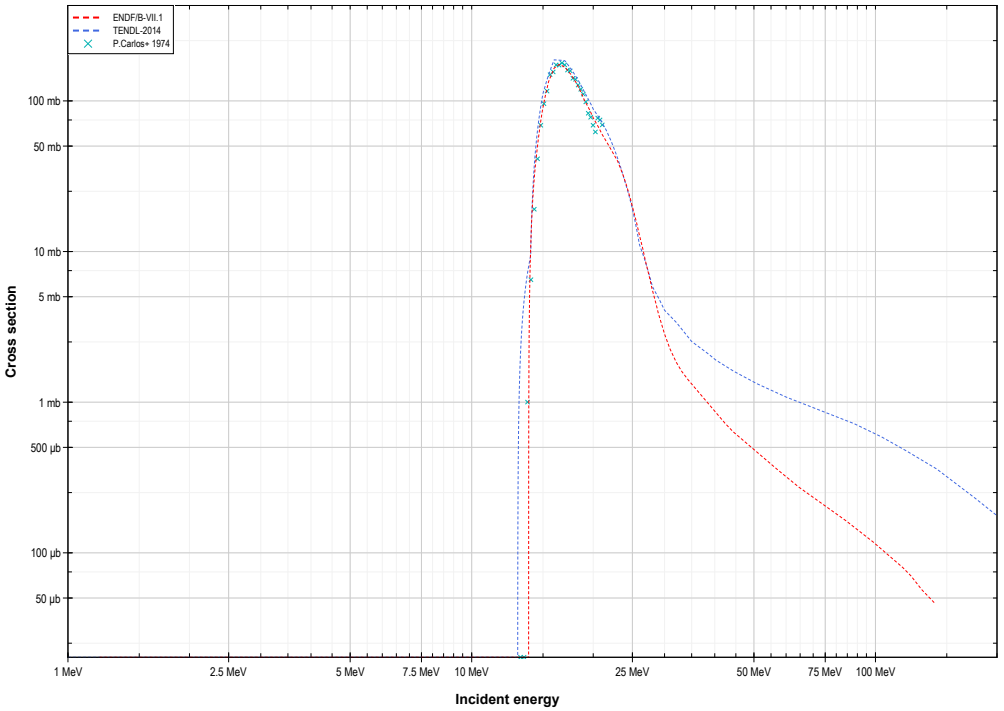
Sm154 (γ,n) lin-log



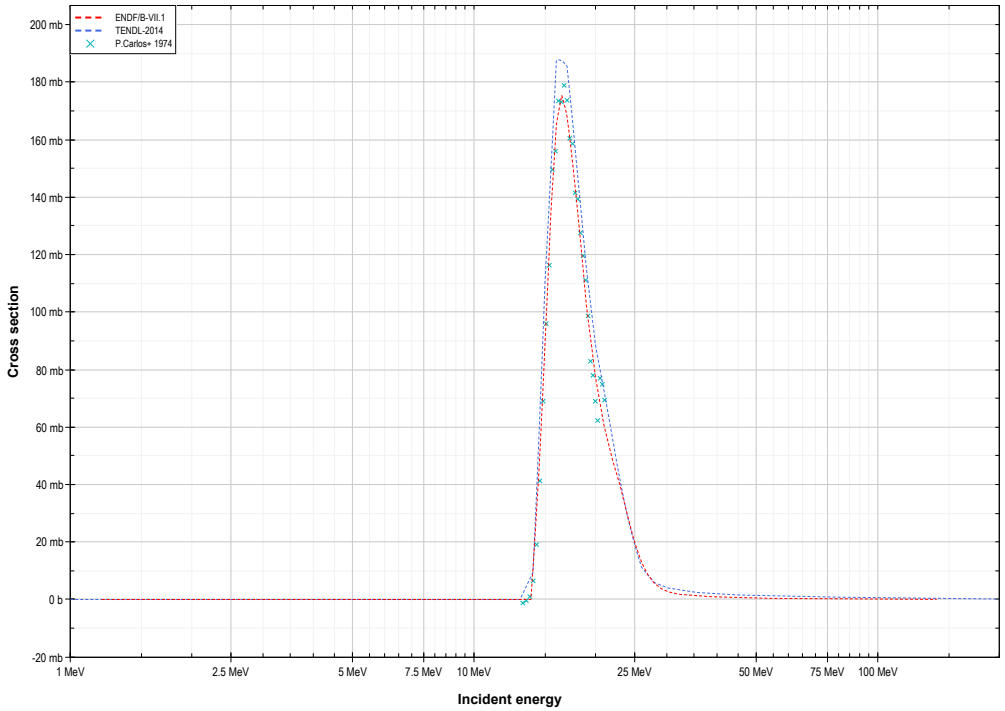
Reaction	Q-Value
Sm154(γ,n)Sm153	-7967.12 keV

<< 62-Sm-152	**62-Sm-154**	65-Tb-159 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Sm152 production)**	63-Eu-153 MT4 (γ,n) >>

Sm154 (γ,2n) log-log



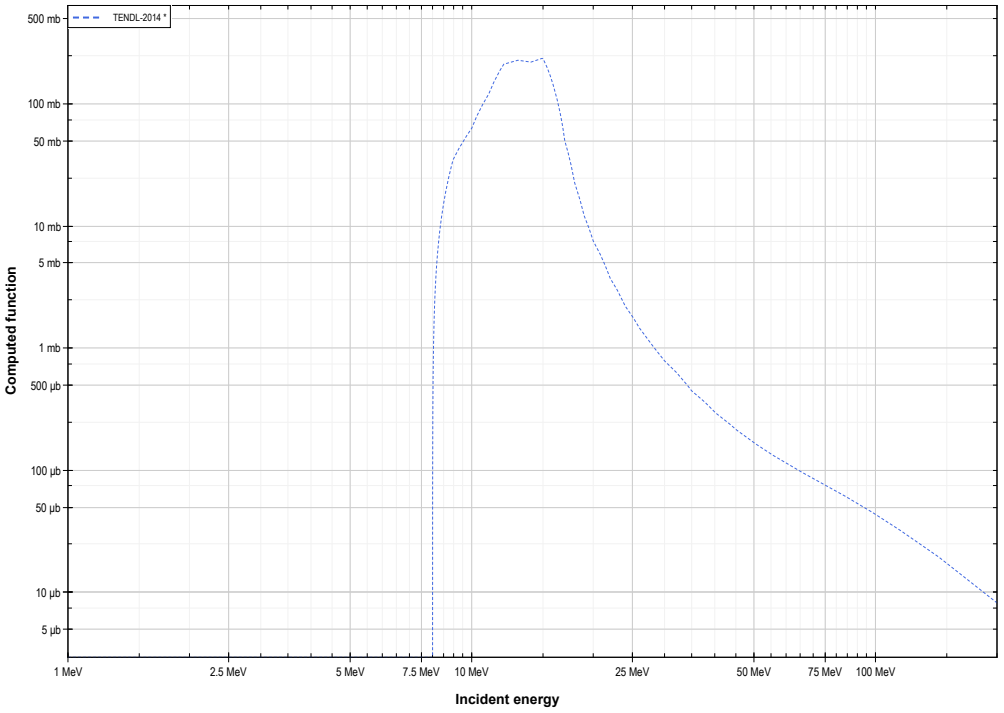
Sm154 (γ,2n) lin-log



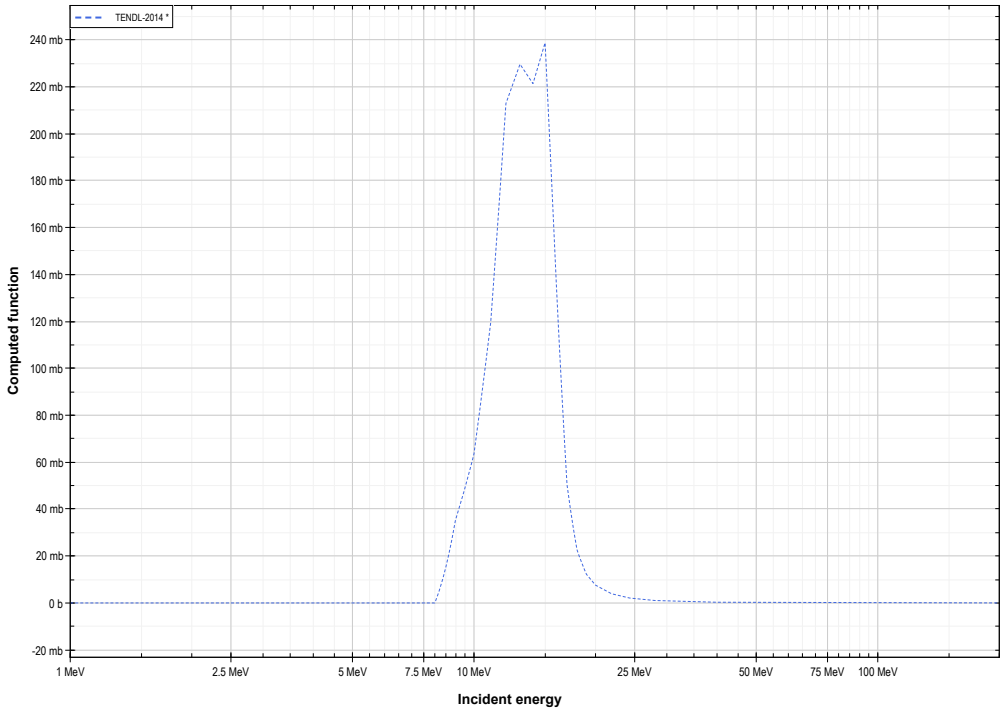
Reaction	Q-Value
Sm154(γ,2n)Sm152	-13835.43 keV

<< 62-Sm-154	**63-Eu-153**	64-Gd-160 >>
<< 62-Sm-154 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Eu152 production)**	MT17 (γ,3n) >>

Eu153 (γ,n) log-log



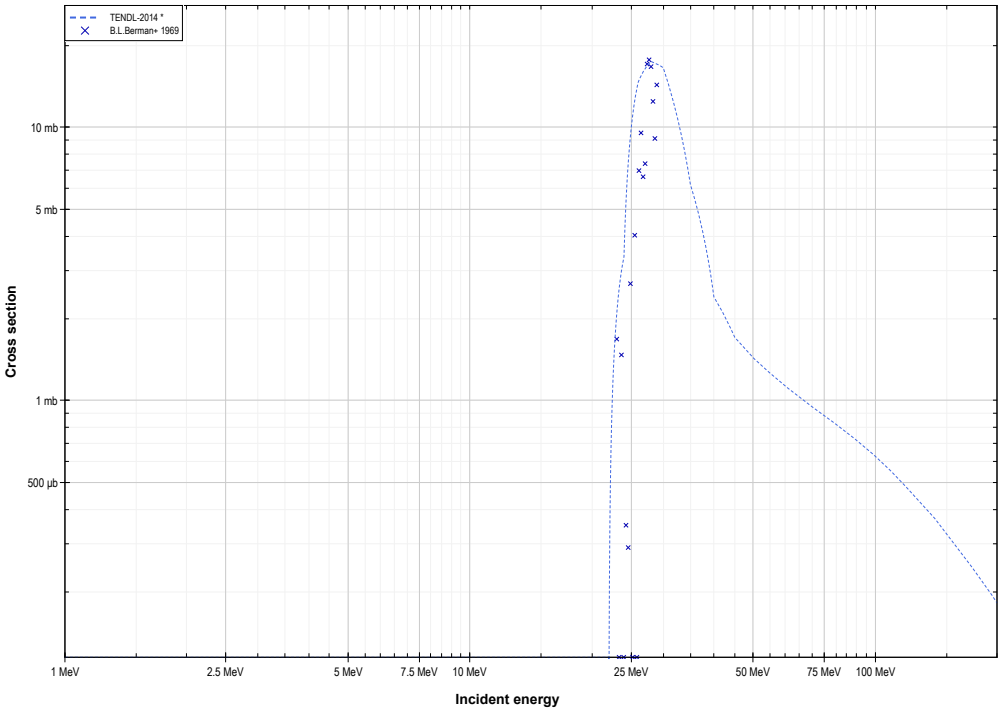
Eu153 (γ,n) lin-log



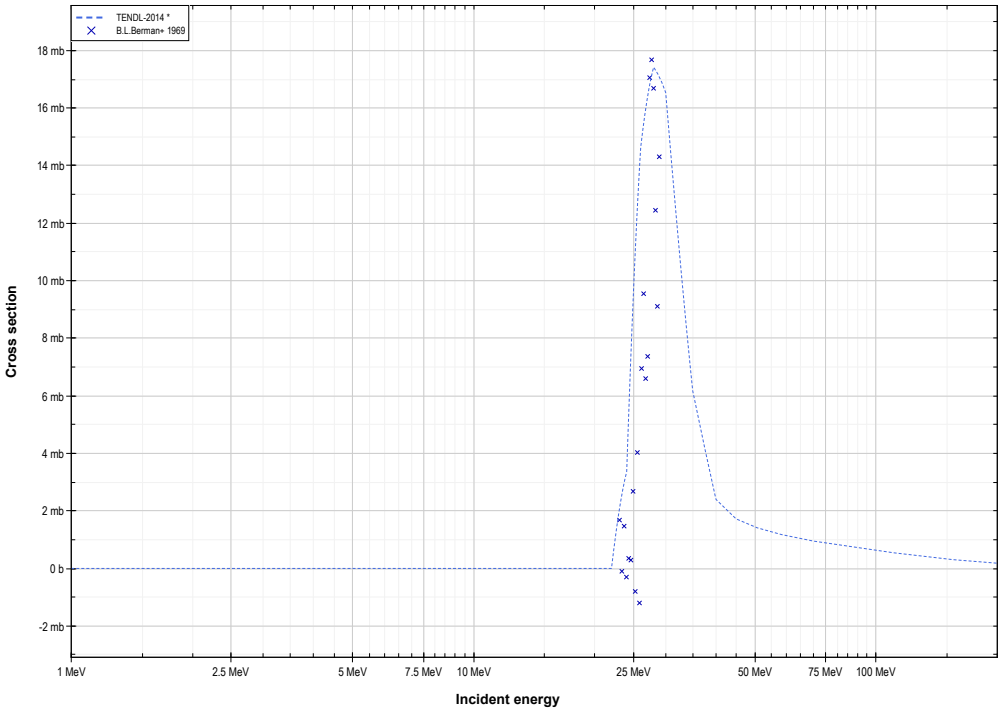
Reaction	Q-Value
Eu153(γ,n)Eu152	-8550.32 keV

<< 59-Pr-141	**63-Eu-153**	64-Gd-160 >>
<< MT4 (γ,n)	**MT17 (γ,3n) or MT5 (Eu150 production)**	64-Gd-160 MT4 (γ,n) >>

Eu153 (γ,3n) log-log



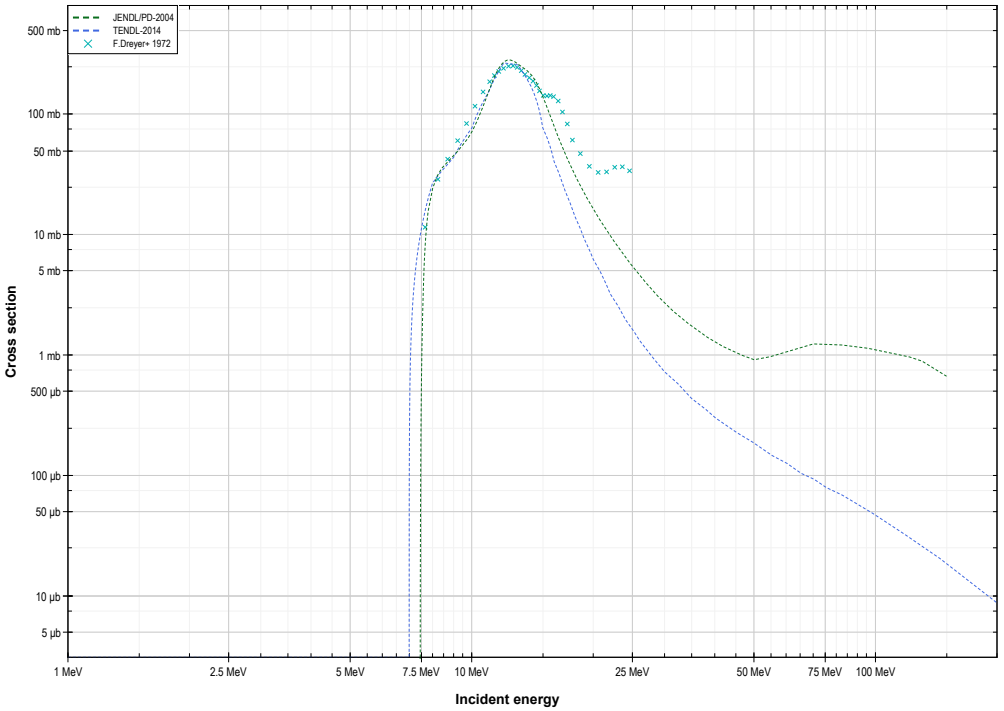
Eu153 (γ,3n) lin-log



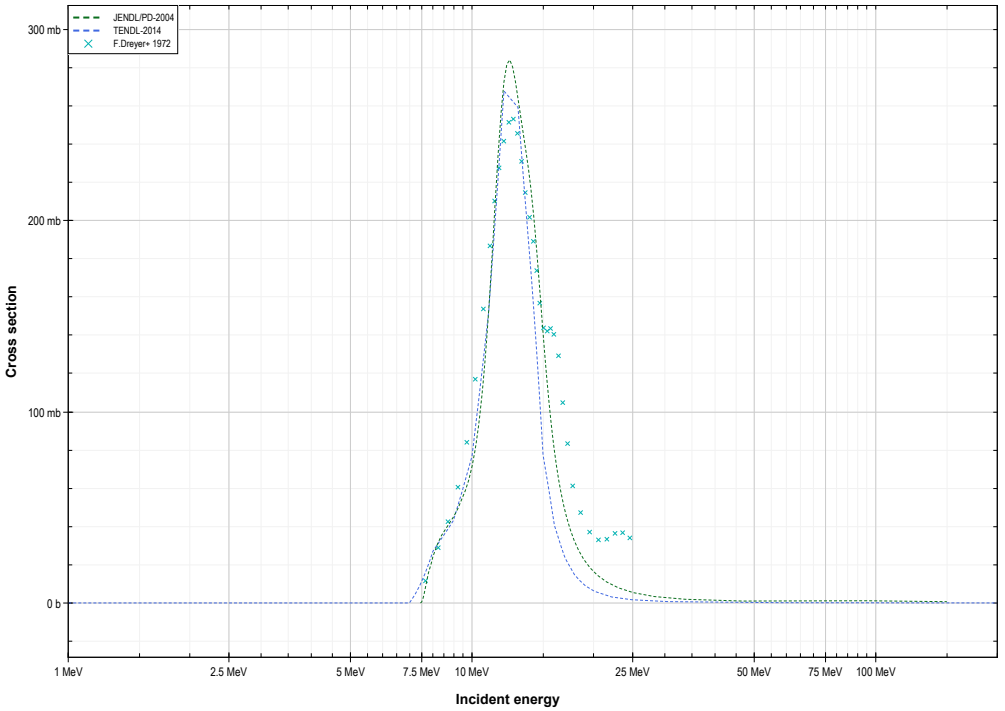
Reaction	Q-Value
Eu153(γ,3n)Eu150	-22790.45 keV

<< 63-Eu-153	**64-Gd-160**	73-Ta-181 >>
<< 63-Eu-153 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Gd159 production)**	MT17 (γ,3n) >>

Gd160 (γ,n) log-log



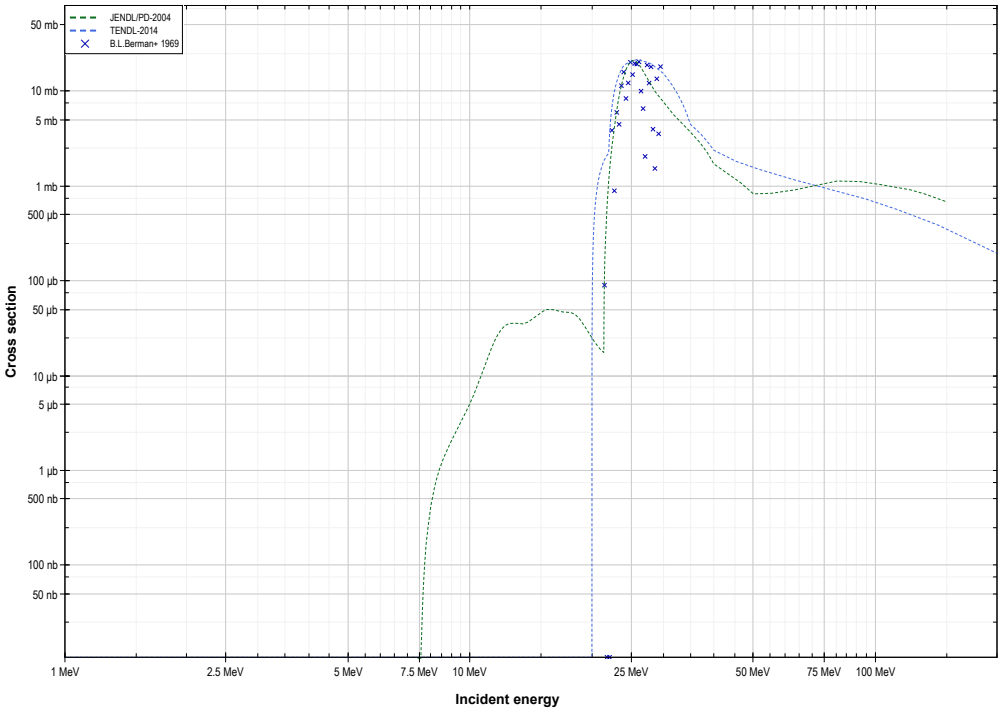
Gd160 (γ,n) lin-log



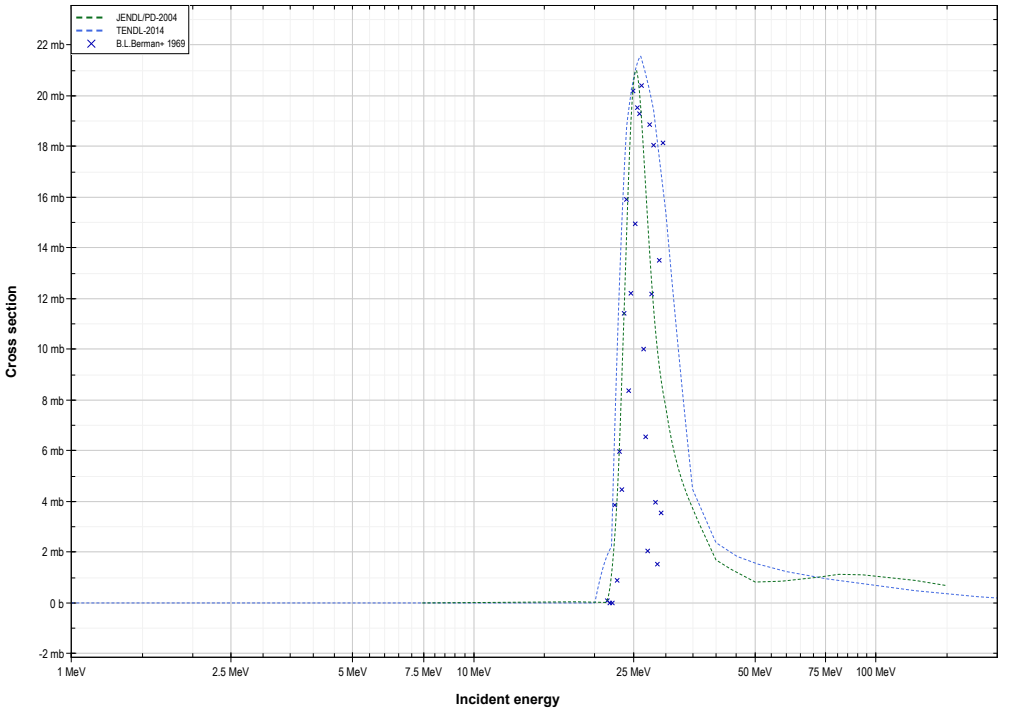
Reaction	Q-Value
Gd160(γ,n)Gd159	-7451.42 keV

<< 63-Eu-153	**64-Gd-160**	65-Tb-159 >>
<< MT4 (γ,n)	**MT17 (γ,3n) or MT5 (Gd157 production)**	MT28 (γ,n+p) >>

Gd160 (γ,3n) log-log



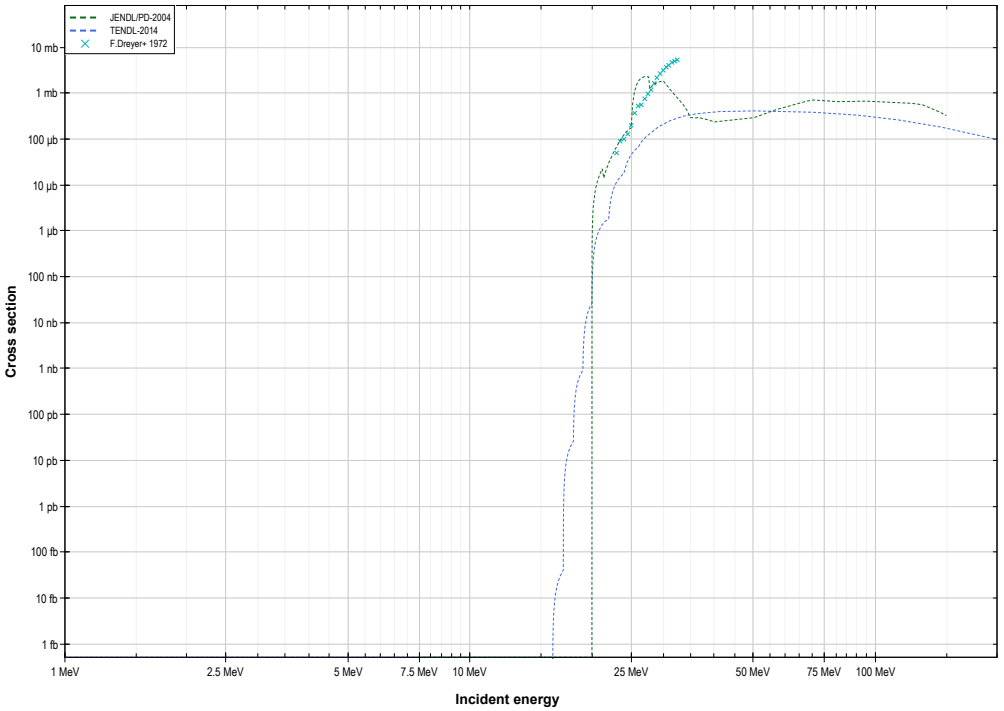
Gd160 (γ,3n) lin-log



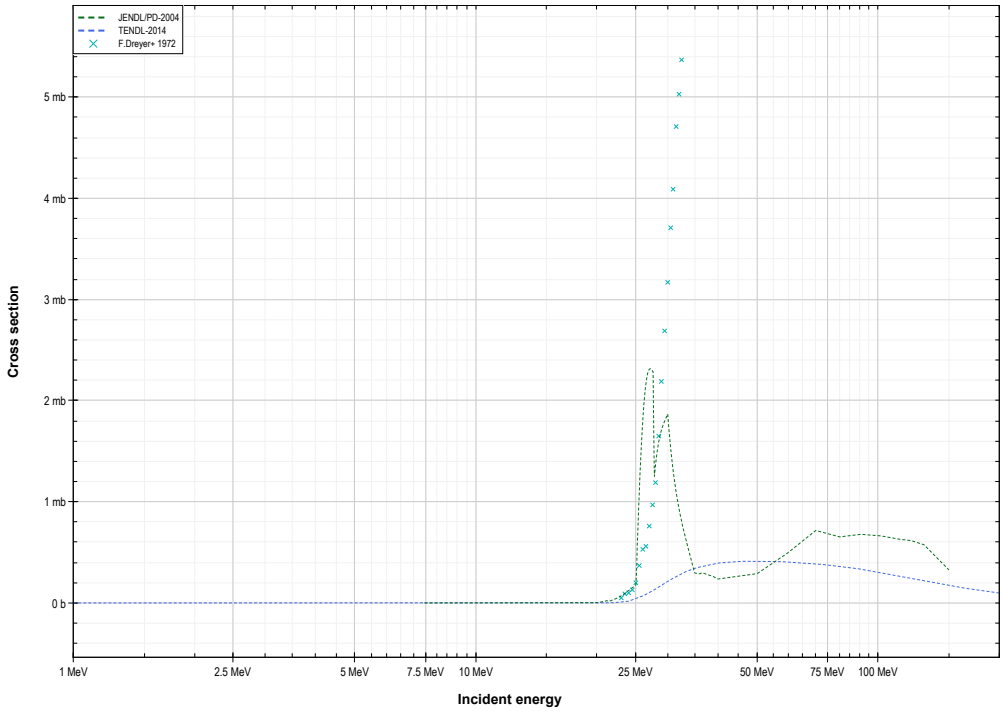
Reaction	Q-Value
Gd160(γ,3n)Gd157	-21331.85 keV

<< 30-Zn-64	**64-Gd-160**	
<< MT17 (γ,3n)	**MT28 (γ,n+p) or MT5 (Eu158 production)**	MT103 (γ,p) >>

Gd160 (γ,n+p) log-log



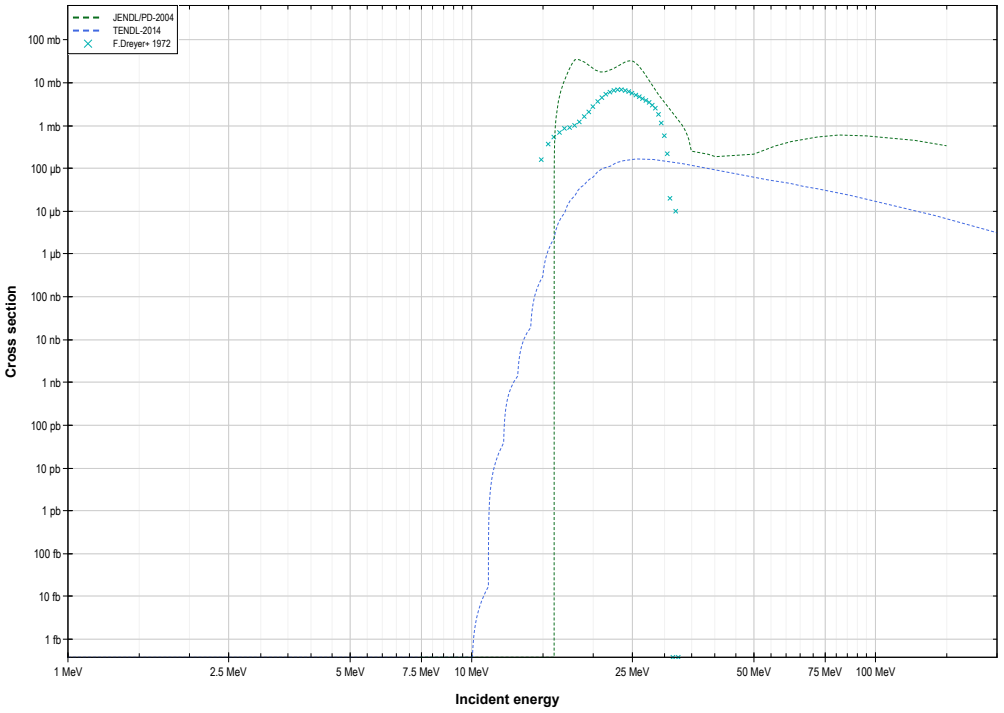
Gd160 (γ,n+p) lin-log



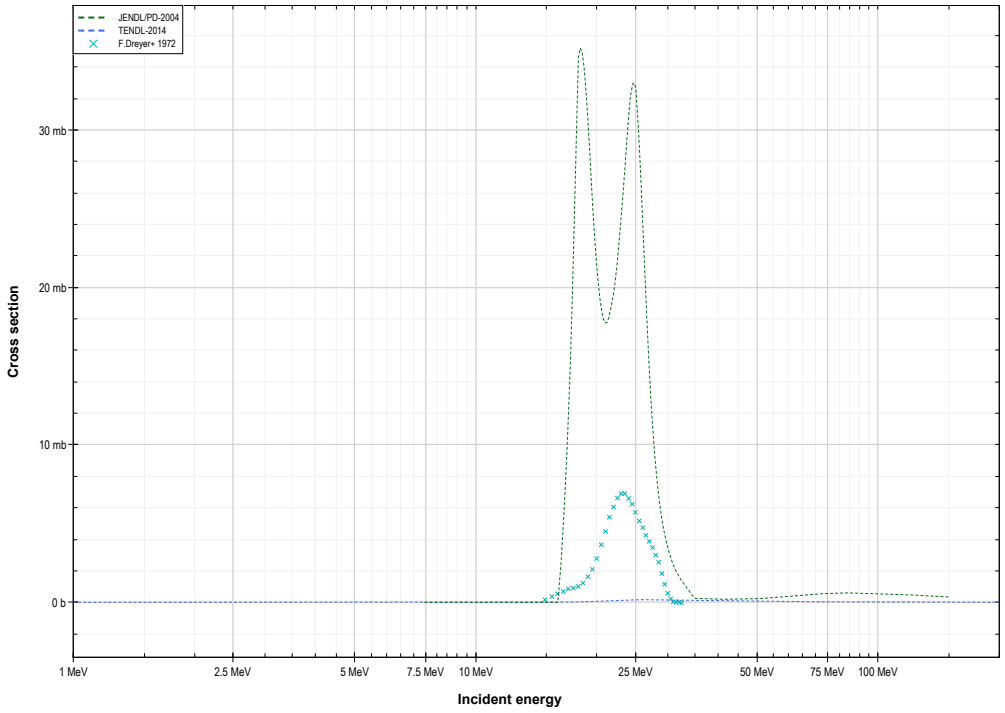
Reaction	Q-Value
Gd160(γ,d)Eu158	-13874.32 keV
Gd160(γ,n+p)Eu158	-16098.89 keV

<< 50-Sn-118	**64-Gd-160**	
<< MT28 (γ,n+p)	**MT103 (γ,p) or MT5 (Eu159 production)**	65-Tb-159 MT16 (γ,2n) >>

Gd160 (γ,p) log-log



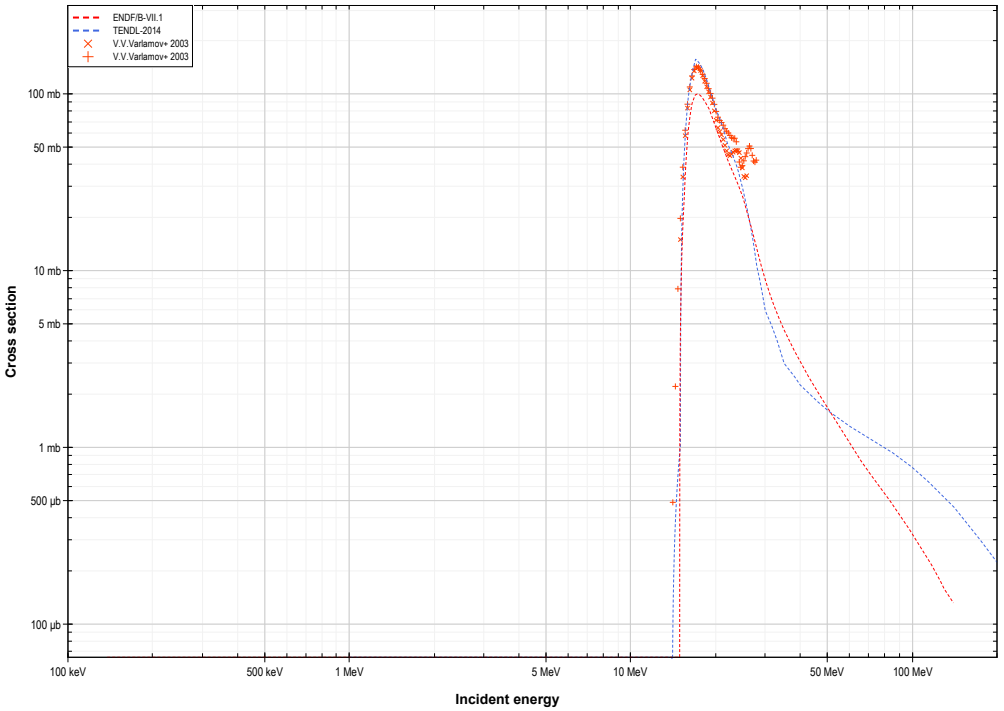
Gd160 (γ,p) lin-log



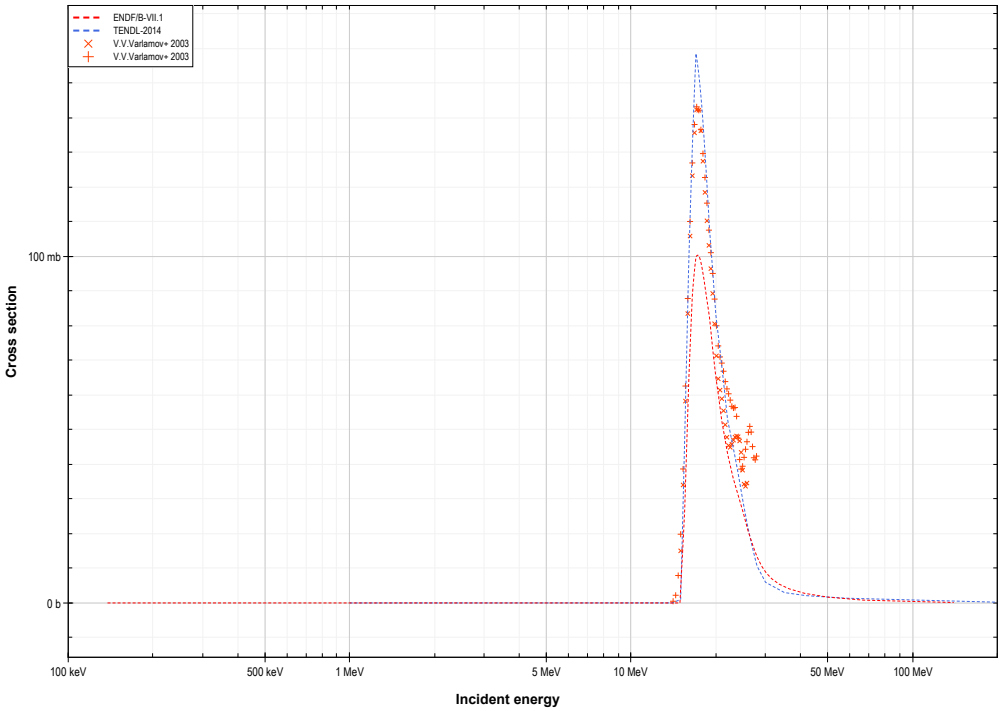
Reaction	Q-Value
Gd160(γ,p)Eu159	-9184.57 keV

<< 62-Sm-154	**65-Tb-159**	67-Ho-165 >>
<< 64-Gd-160 MT103 (γ,p)	**MT16 (γ,2n) or MT5 (Tb157 production)**	MT17 (γ,3n) >>

Tb159 (γ,2n) log-log



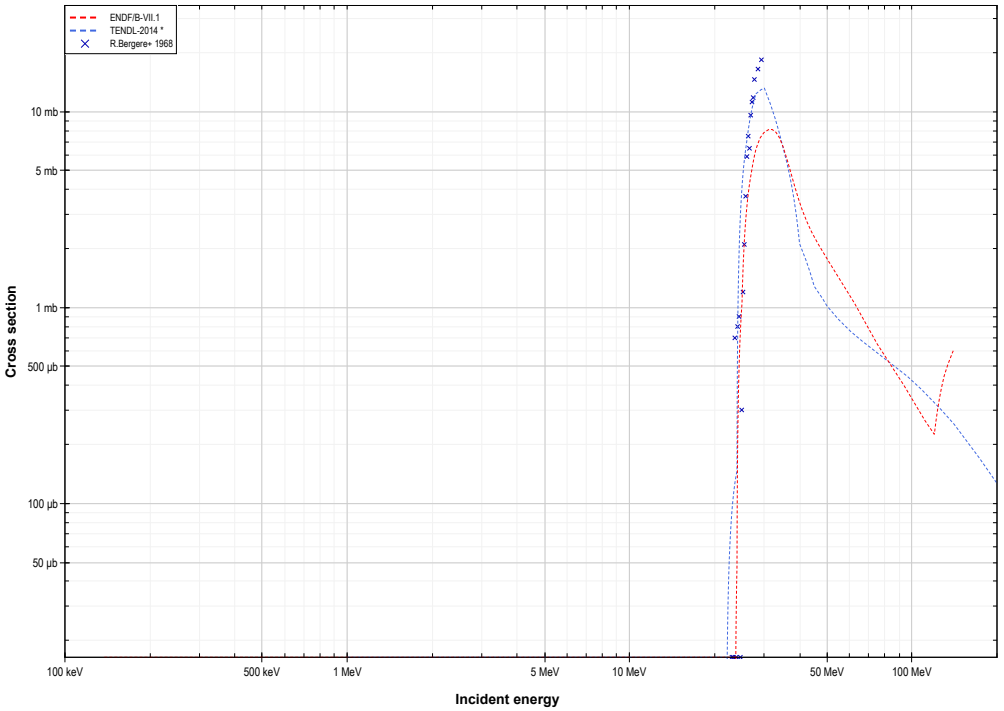
Tb159 (γ,2n) lin-log



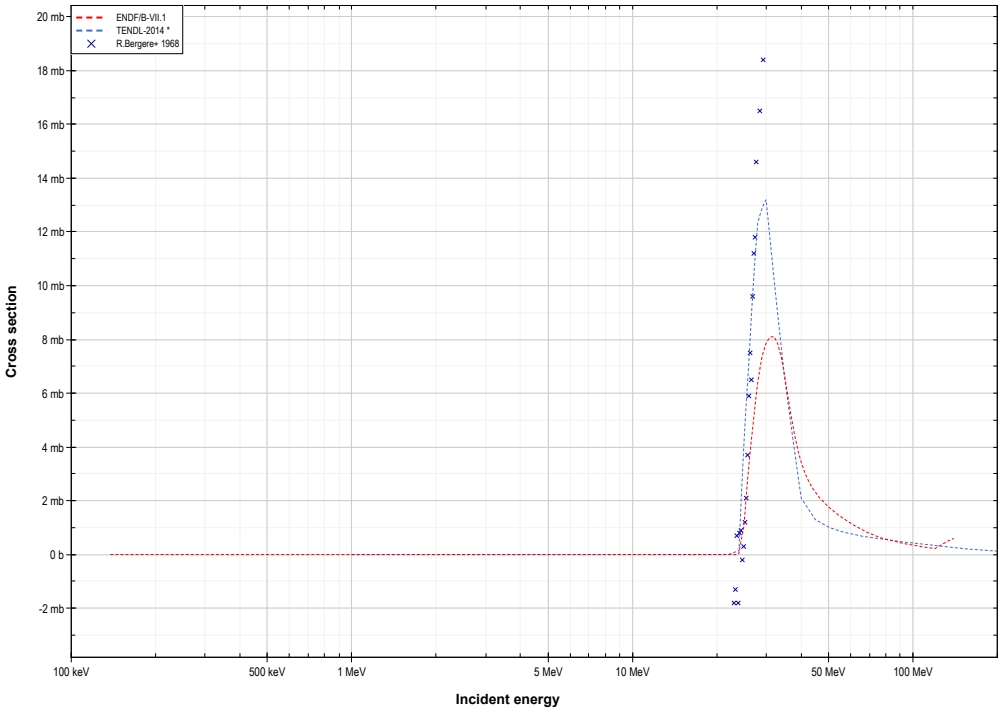
Reaction	Q-Value
Tb159(γ,2n)Tb157	-14911.03 keV

<< 64-Gd-160	**65-Tb-159**	67-Ho-165 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (Tb156 production)**	67-Ho-165 MT16 (γ,2n) >>

Tb159 (γ,3n) log-log



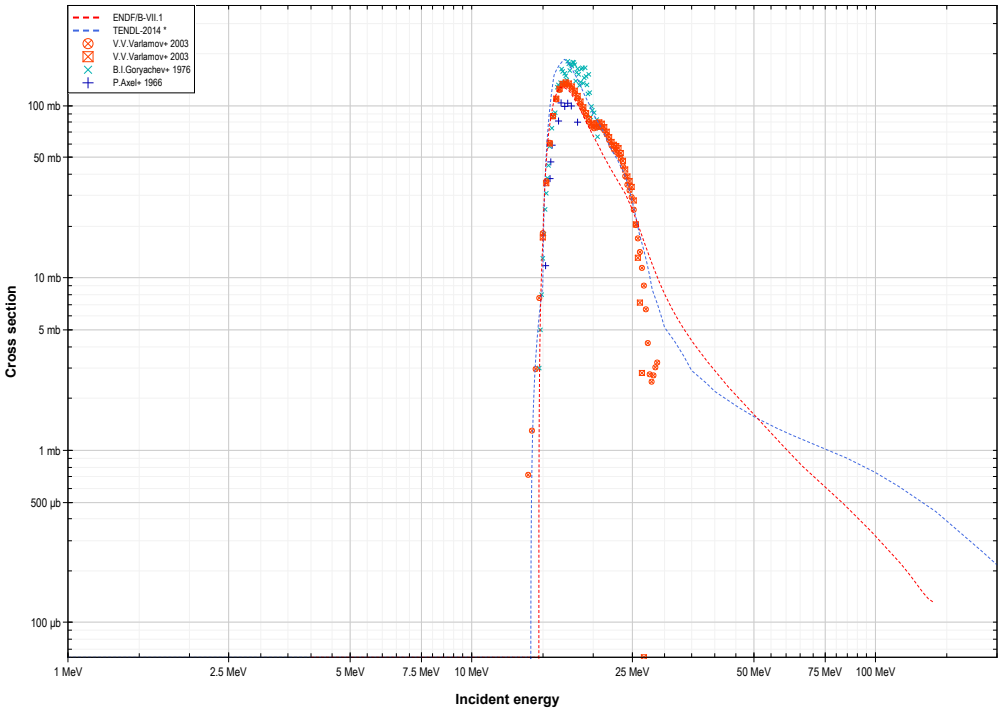
Tb159 (γ,3n) lin-log



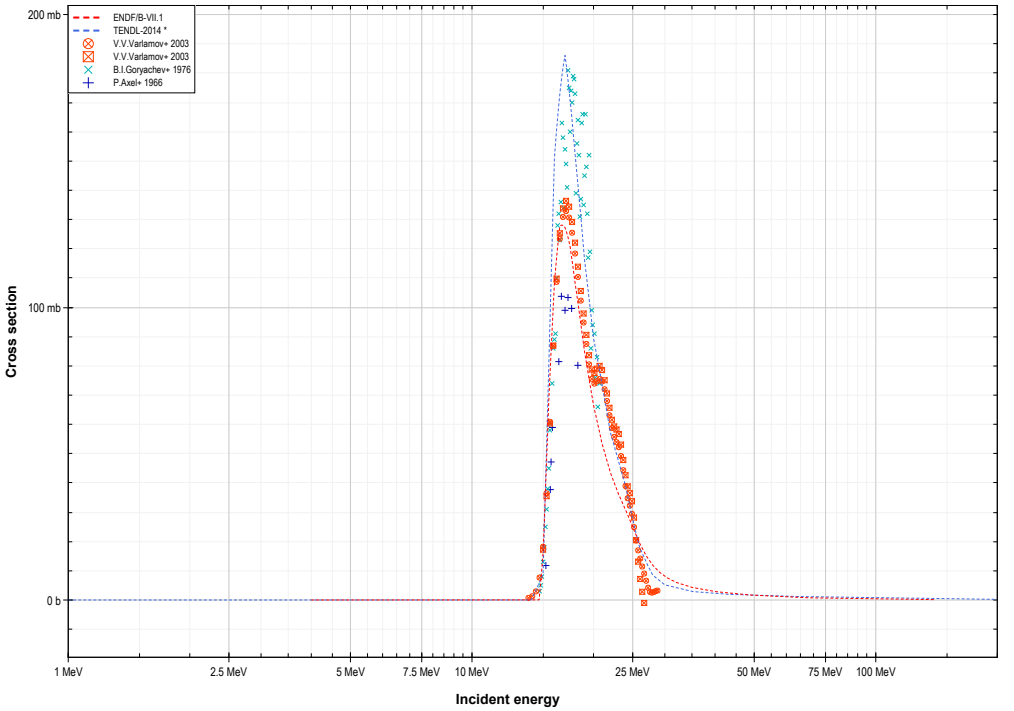
Reaction	Q-Value
Tb159(γ,3n)Tb156	-23654.95 keV

<< 65-Tb-159	**67-Ho-165**	68-Er-166 >>
<< 65-Tb-159 MT17 (γ,3n)	**MT16 (γ,2n) or MT5 (Ho163 production)**	MT17 (γ,3n) >>

Ho165 (γ,2n) log-log



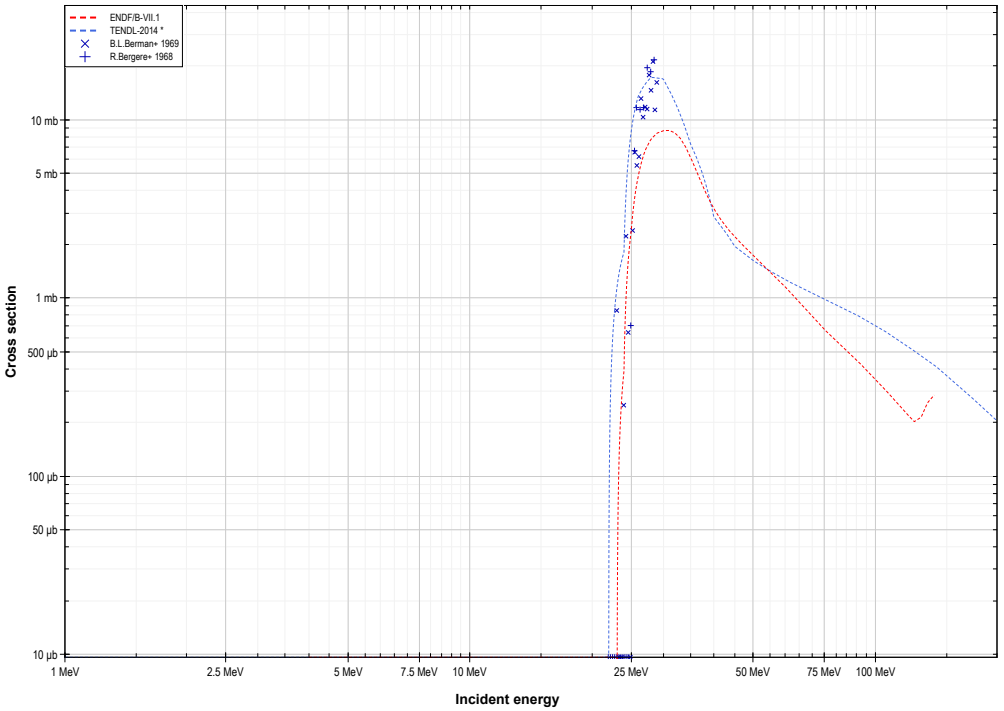
Ho165 (γ,2n) lin-log



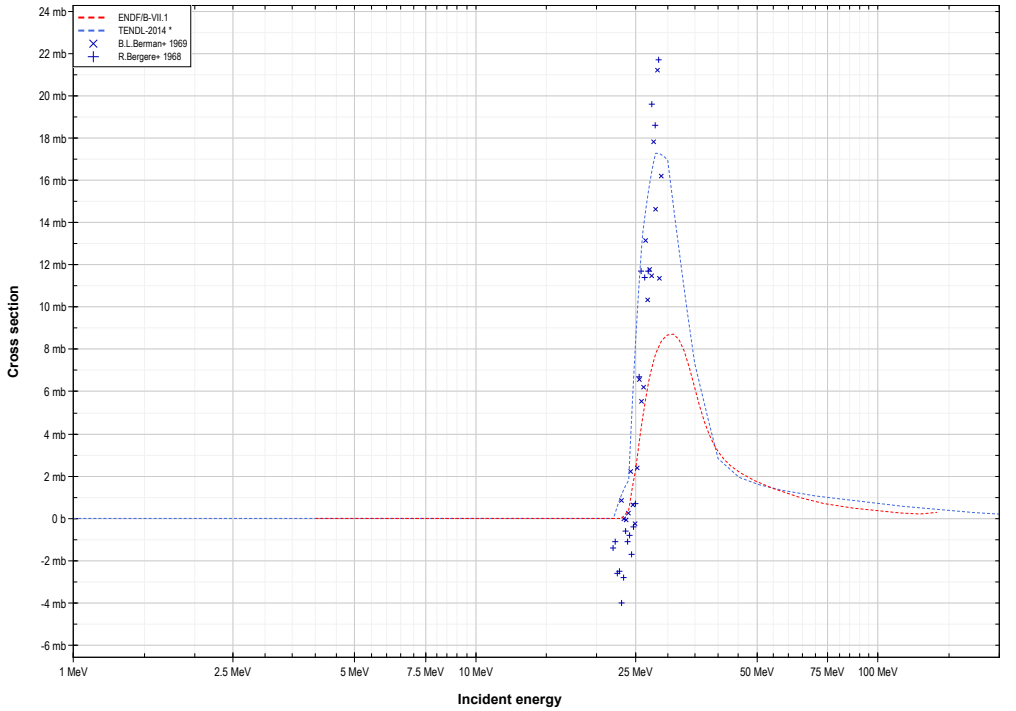
Reaction	Q-Value
Ho165(γ,2n)Ho163	-14663.33 keV

<< 65-Tb-159	**67-Ho-165**	71-Lu-175 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (Ho162 production)**	68-Er-166 MT16 (γ,2n) >>

Ho165 (γ,3n) log-log



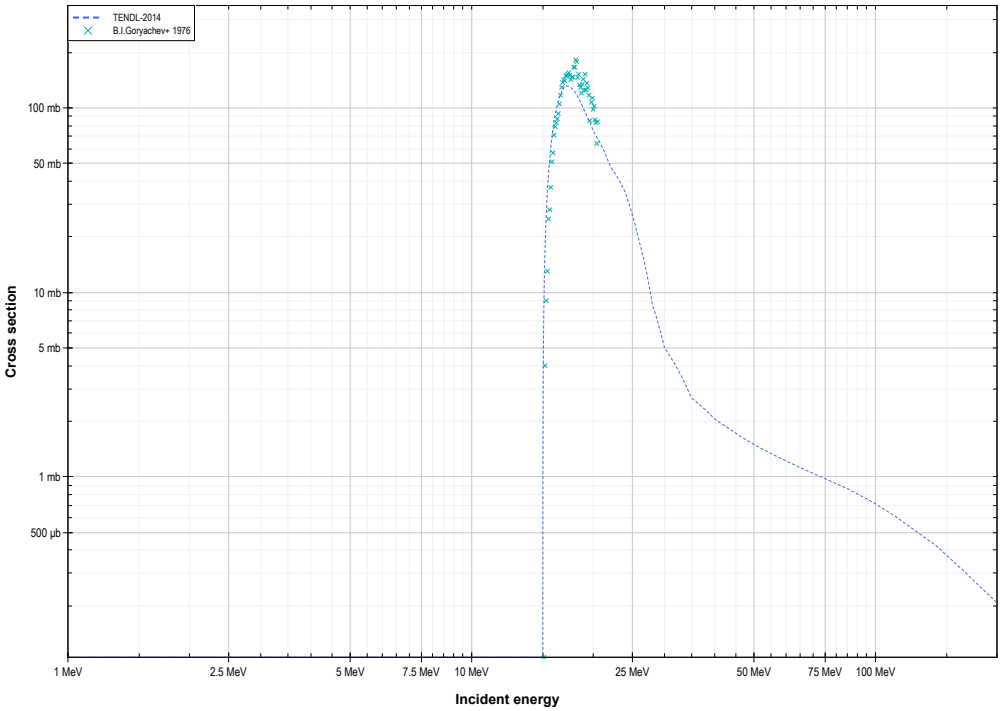
Ho165 (γ,3n) lin-log



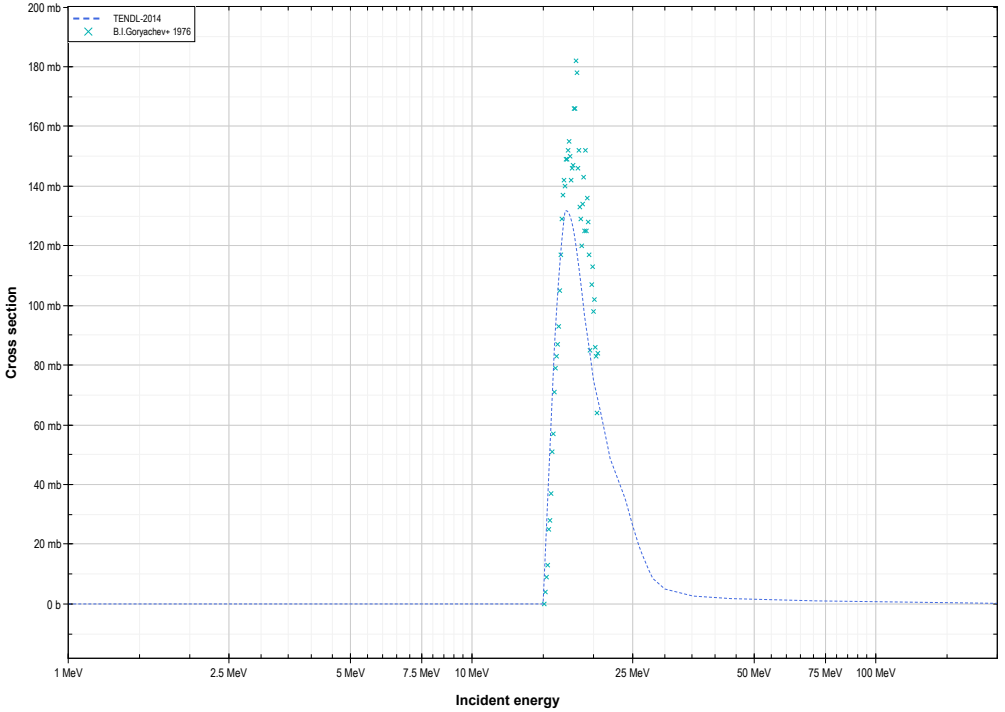
Reaction	Q-Value
Ho165(γ,3n)Ho162	-23071.55 keV

<< 67-Ho-165	**68-Er-166**	72-Hf-178 >>
<< 67-Ho-165 MT17 (γ,3n)	**MT16 (γ,2n) or MT5 (Er164 production)**	68-Er-170 MT107 (γ,α) >>

Er166 (γ,2n) log-log



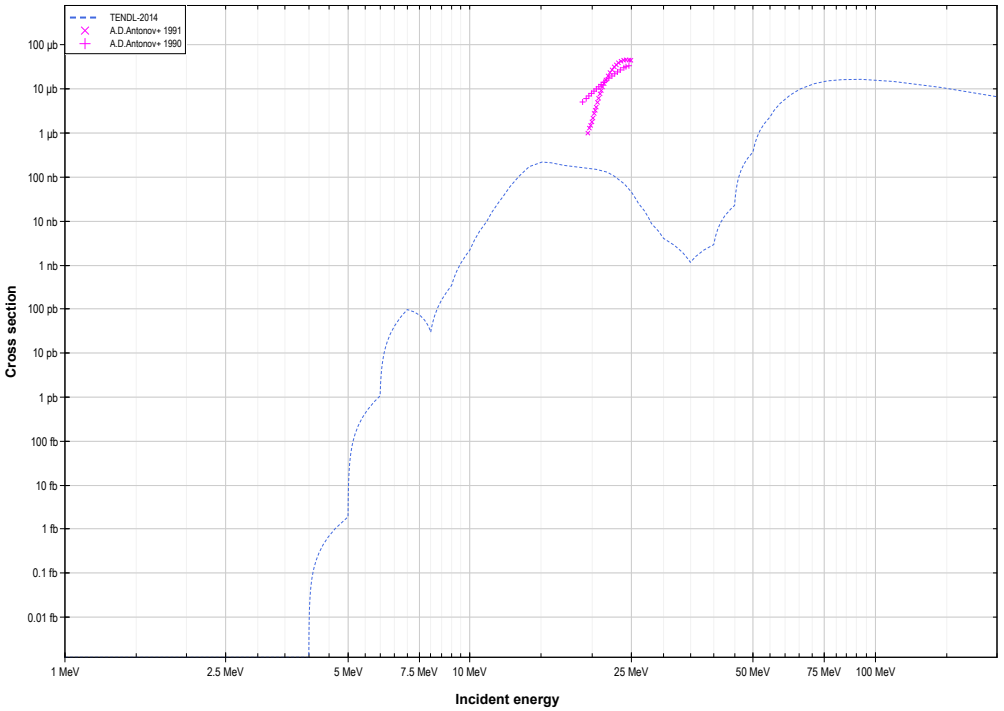
Er166 (γ,2n) lin-log



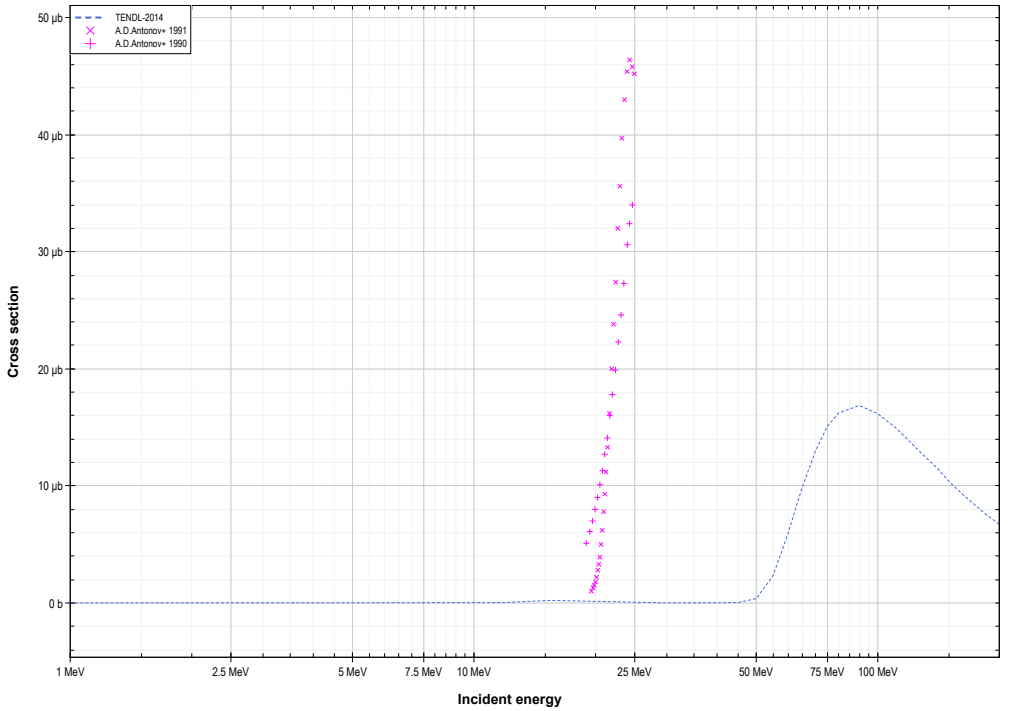
Reaction	Q-Value
Er166(γ,2n)Er164	-15124.23 keV

<< 41-Nb-93	**68-Er-170**	
<< 68-Er-166 MT16 (γ,2n)	**MT107 (γ,α) or MT5 (Dy166 production)**	71-Lu-175 MT17 (γ,3n) >>

Er170 (γ,α) log-log



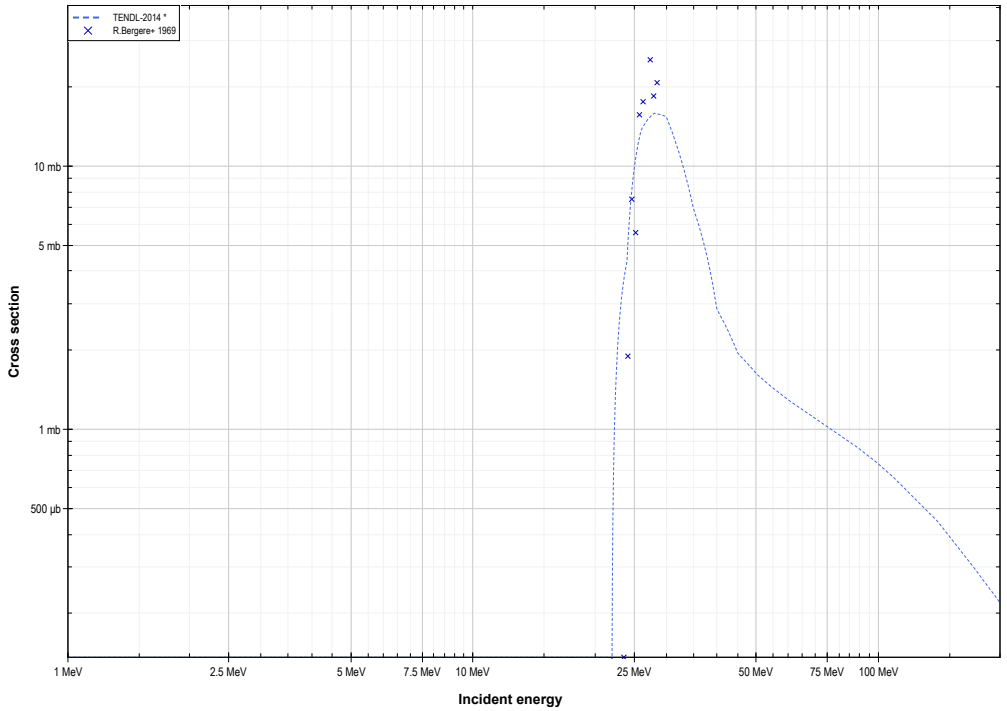
Er170 (γ,α) lin-log



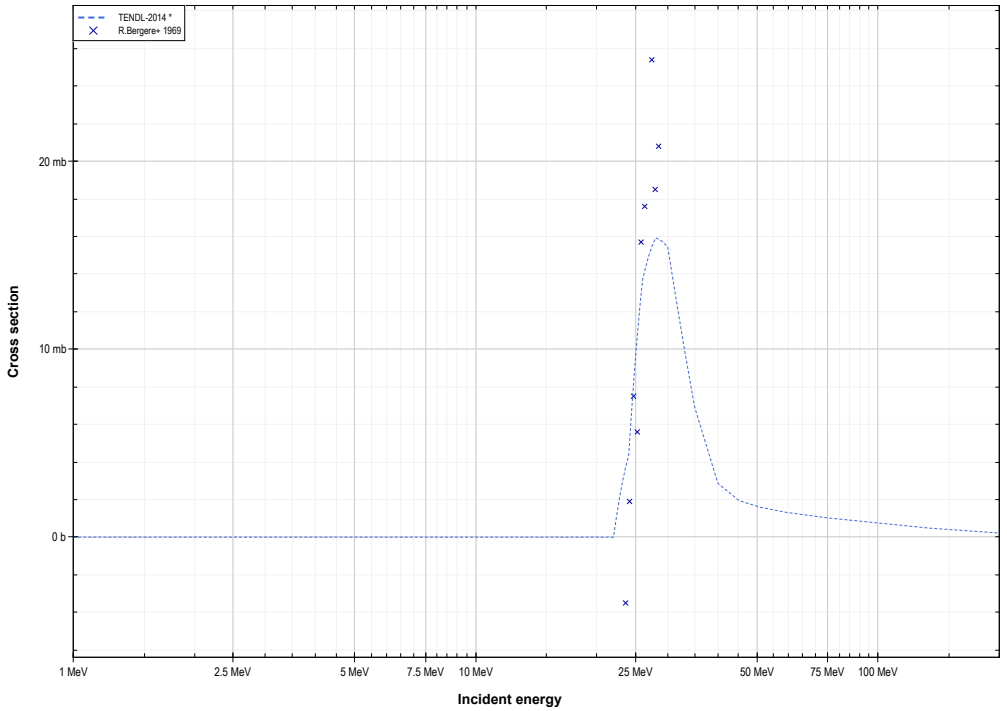
Reaction	Q-Value
Er170(γ,α)Dy166	50.58 keV
Er170(γ,p+t)Dy166	-19763.28 keV
Er170(γ,n+He3)Dy166	-20527.03 keV
Er170(γ,2d)Dy166	-23795.94 keV
Er170(γ,n+p+d)Dy166	-26020.51 keV
Er170(γ,2n+2p)Dy166	-28245.08 keV

<< 67-Ho-165	**71-Lu-175**	73-Ta-181 >>
<< 68-Er-170 MT107 (γ,α)	**MT17 (γ,3n) or MT5 (Lu172 production)**	72-Hf-178 MT16 (γ,2n) >>

Lu175 (γ,3n) log-log



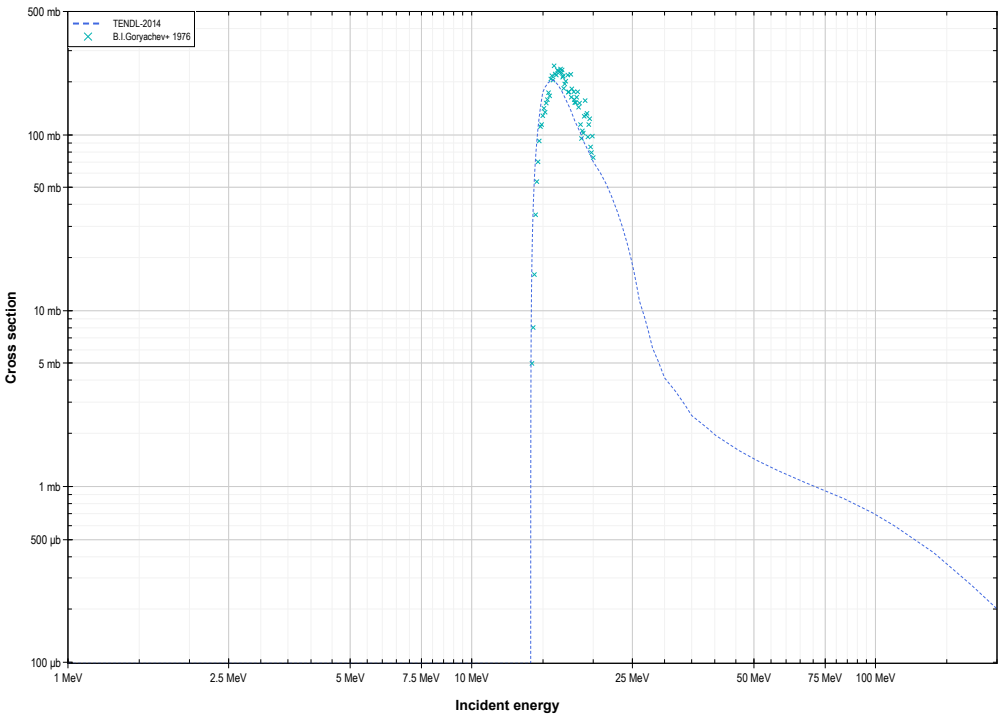
Lu175 (γ,3n) lin-log



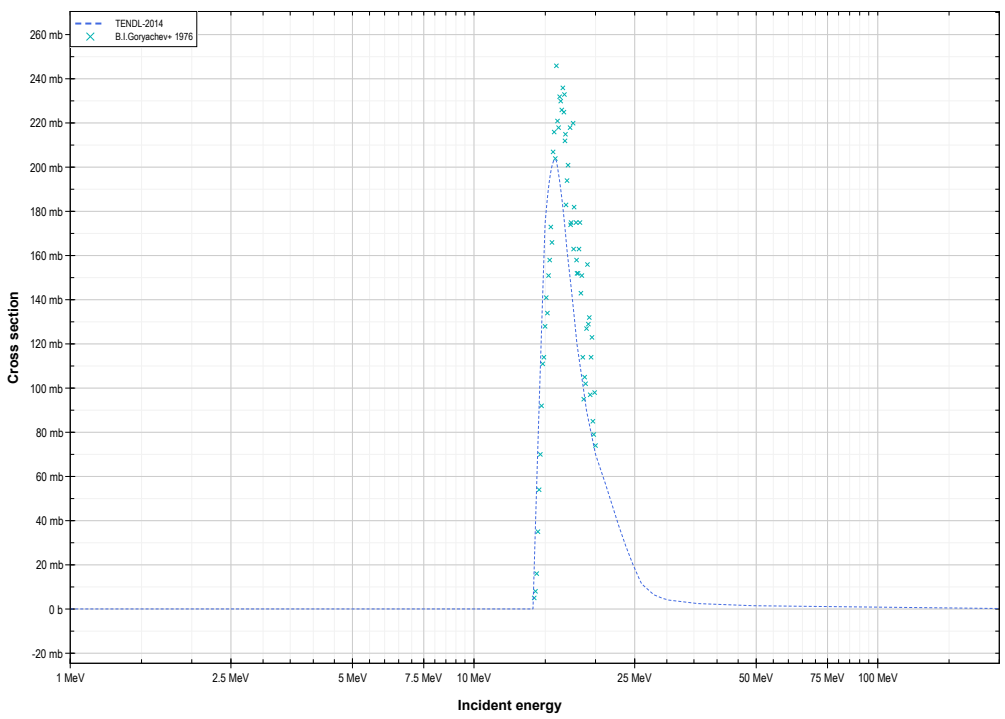
Reaction	Q-Value
Lu175(γ,3n)Lu172	-22643.35 keV

<< 68-Er-166	**72-Hf-178**	73-Ta-181 >>
<< 71-Lu-175 MT17 (γ,3n)	**MT16 (γ,2n) or MT5 (Hf176 production)**	73-Ta-181 MT4 (γ,n) >>

Hf178 (γ,2n) log-log



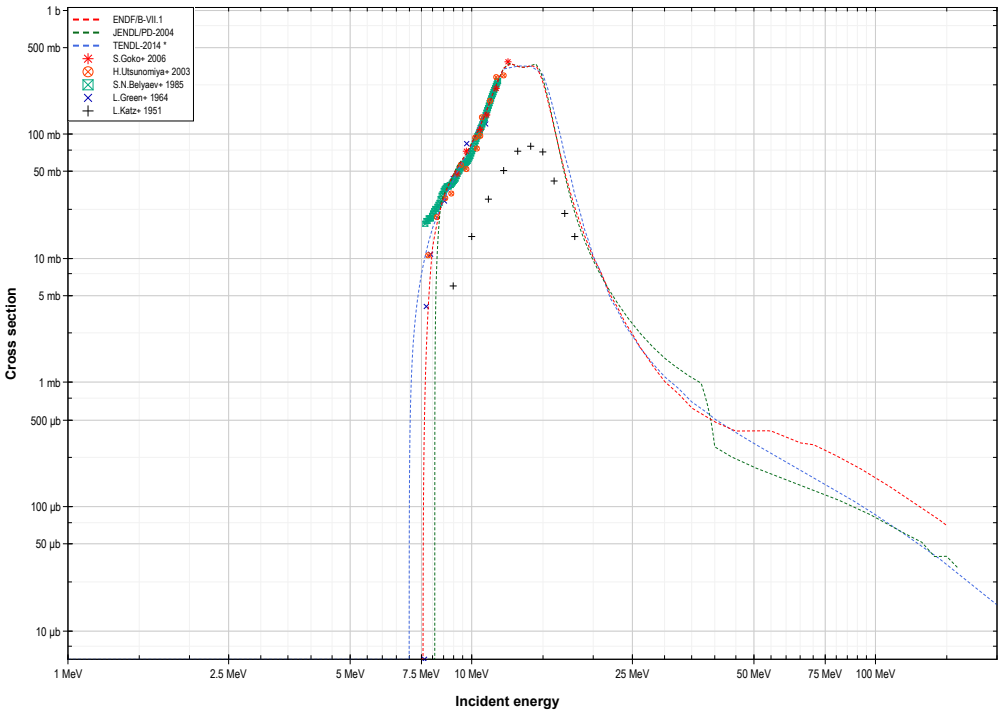
Hf178 (γ,2n) lin-log



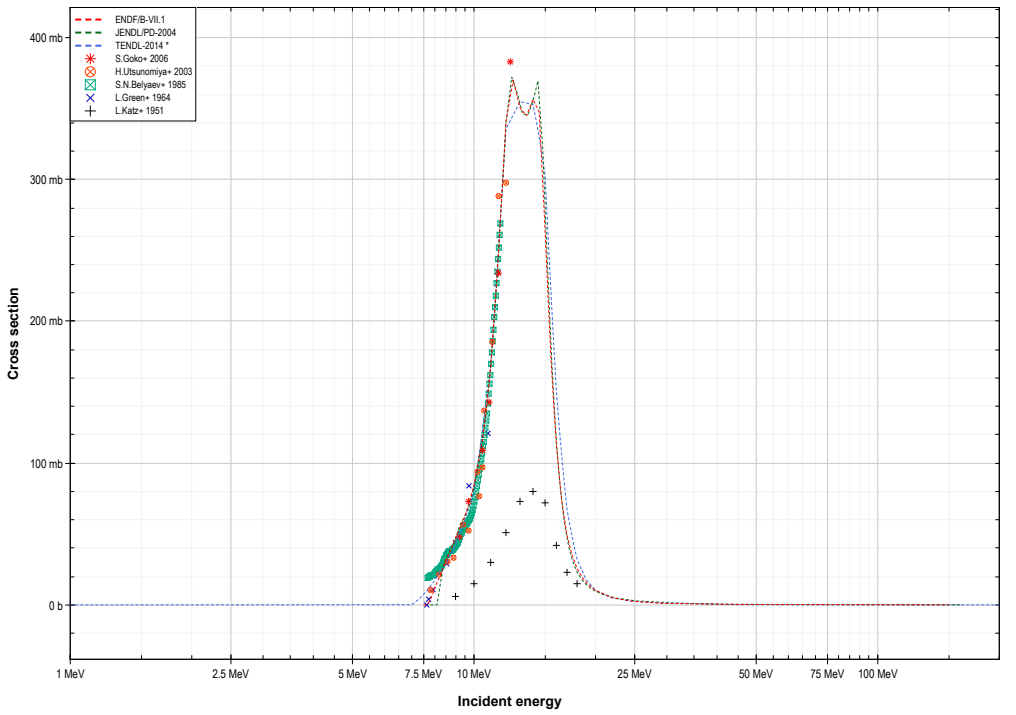
Reaction	Q-Value
Hf178(γ,2n)Hf176	-14009.43 keV

<< 64-Gd-160	**73-Ta-181**	74-W-186 >>
<< 72-Hf-178 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Ta180 production)**	MT16 (γ,2n) >>

Ta181 (γ,n) log-log



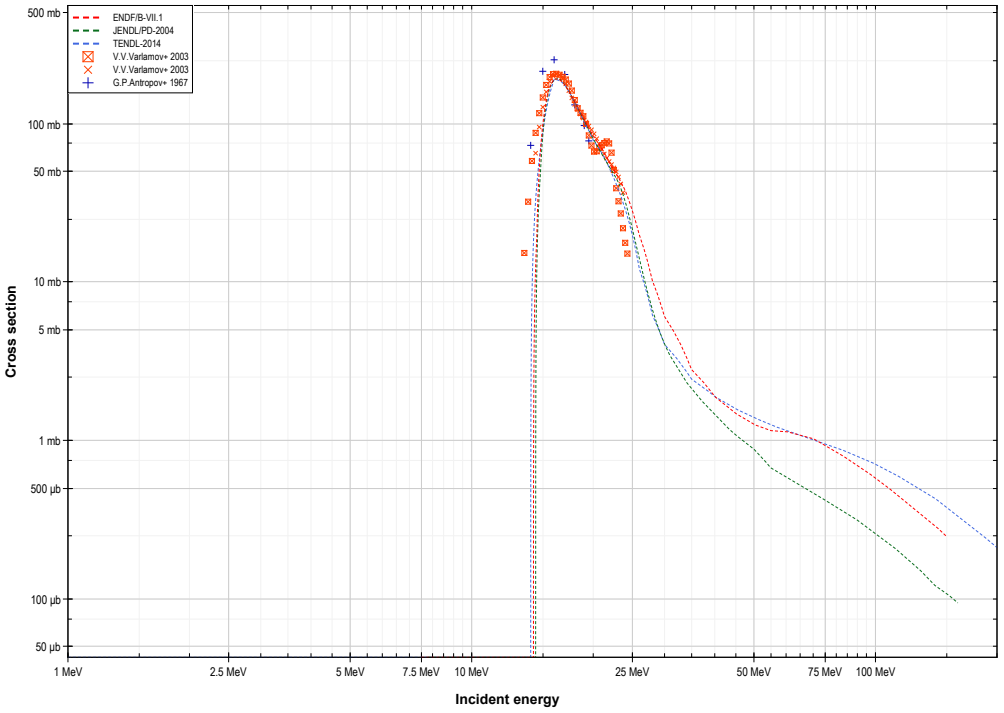
Ta181 (γ,n) lin-log



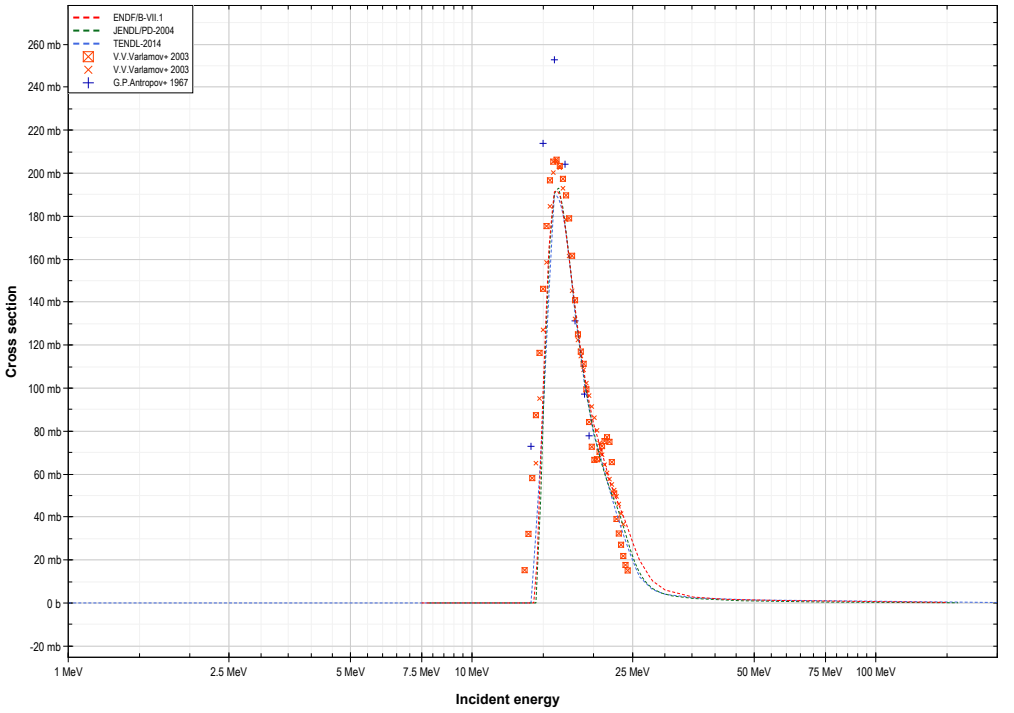
Reaction	Q-Value
Ta181(γ,n)Ta180	-7576.72 keV

<< 72-Hf-178	**73-Ta-181**	76-Os-186 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Ta179 production)**	MT17 (γ,3n) >>

Ta181 (γ,2n) log-log



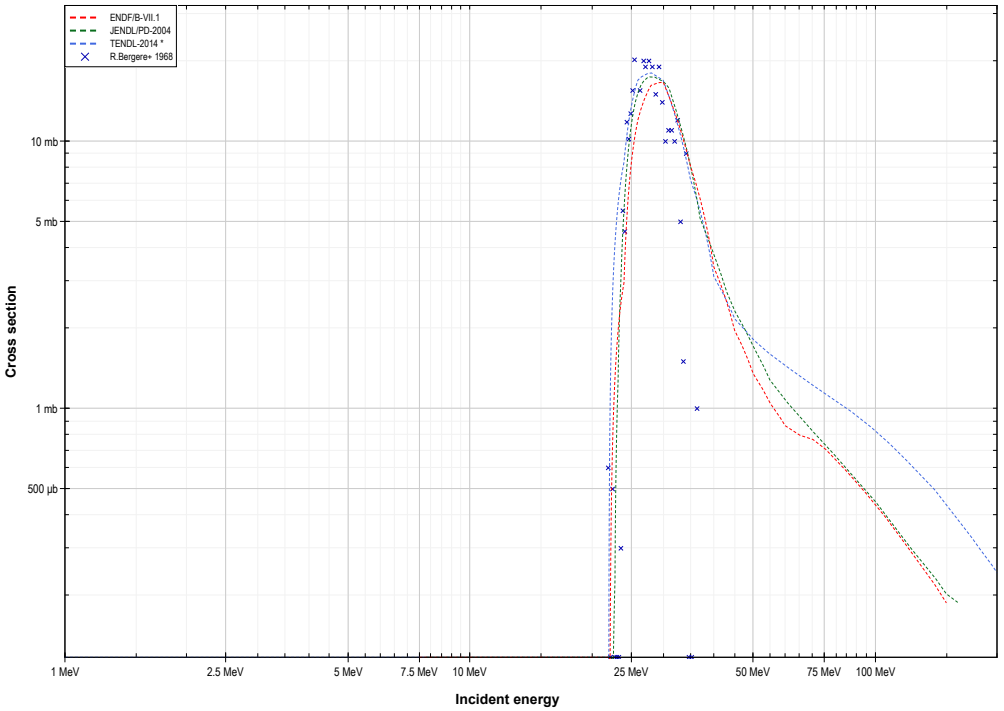
Ta181 (γ,2n) lin-log



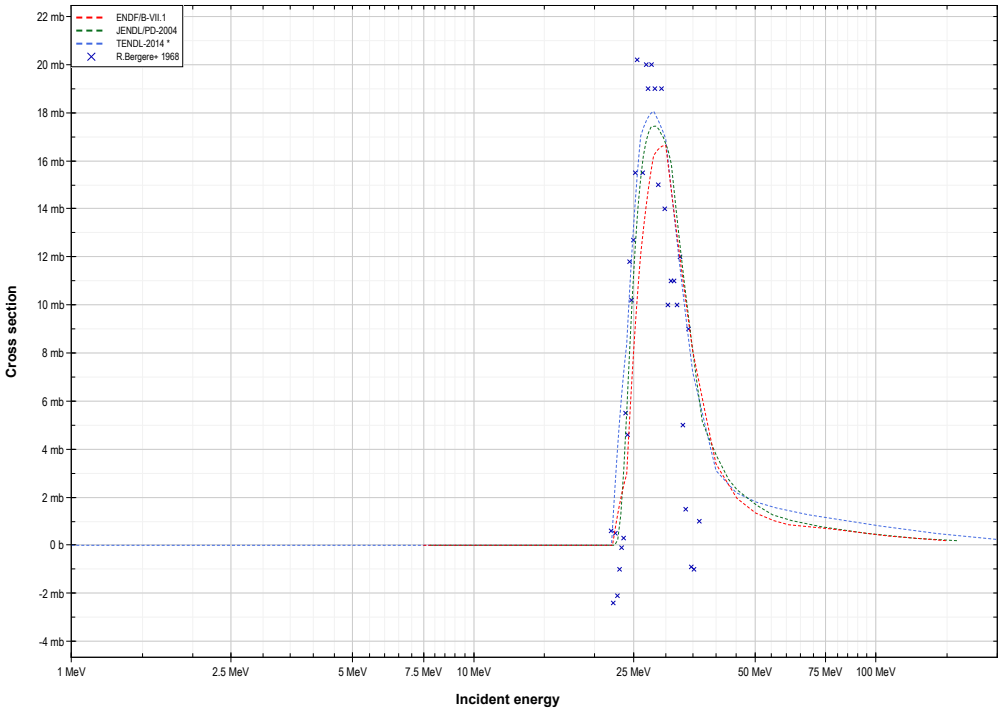
Reaction	Q-Value
Ta181(γ,2n)Ta179	-14217.93 keV

<< 71-Lu-175	**73-Ta-181**	74-W-186 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (Ta178 production)**	74-W-186 MT4 (γ,n) >>

Ta181 (γ,3n) log-log



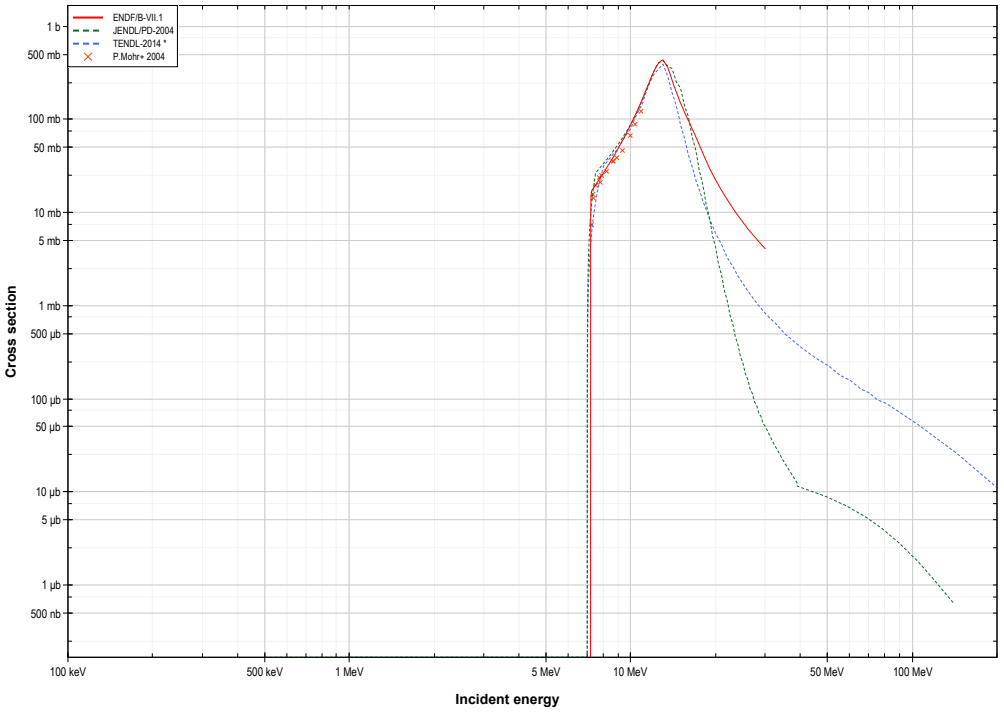
Ta181 (γ,3n) lin-log



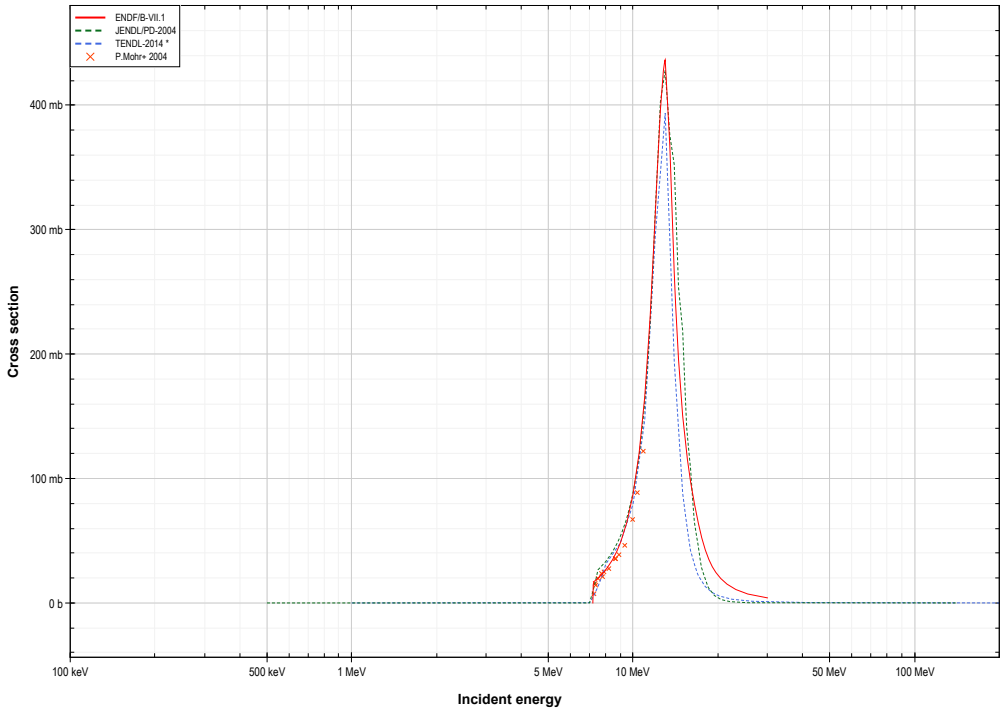
Reaction	Q-Value
Ta181(γ,3n)Ta178	-22148.55 keV

<< 73-Ta-181	**74-W-186**	75-Re-187 >>
<< 73-Ta-181 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (W185 production)**	MT17 (γ,3n) >>

W186 (γ,n) log-log



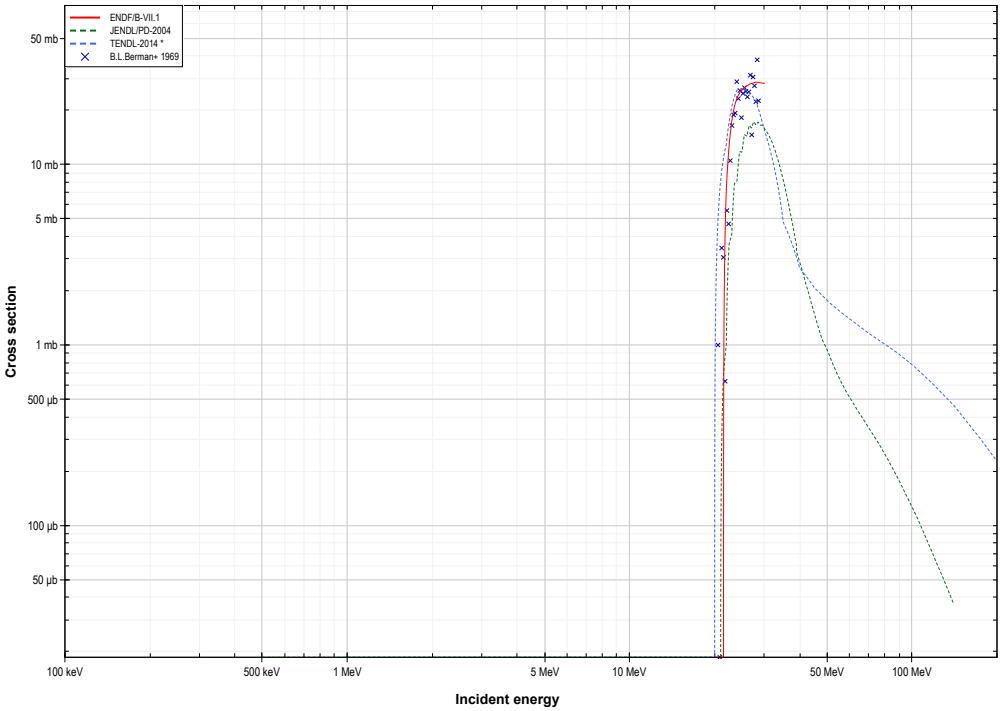
W186 (γ,n) lin-log



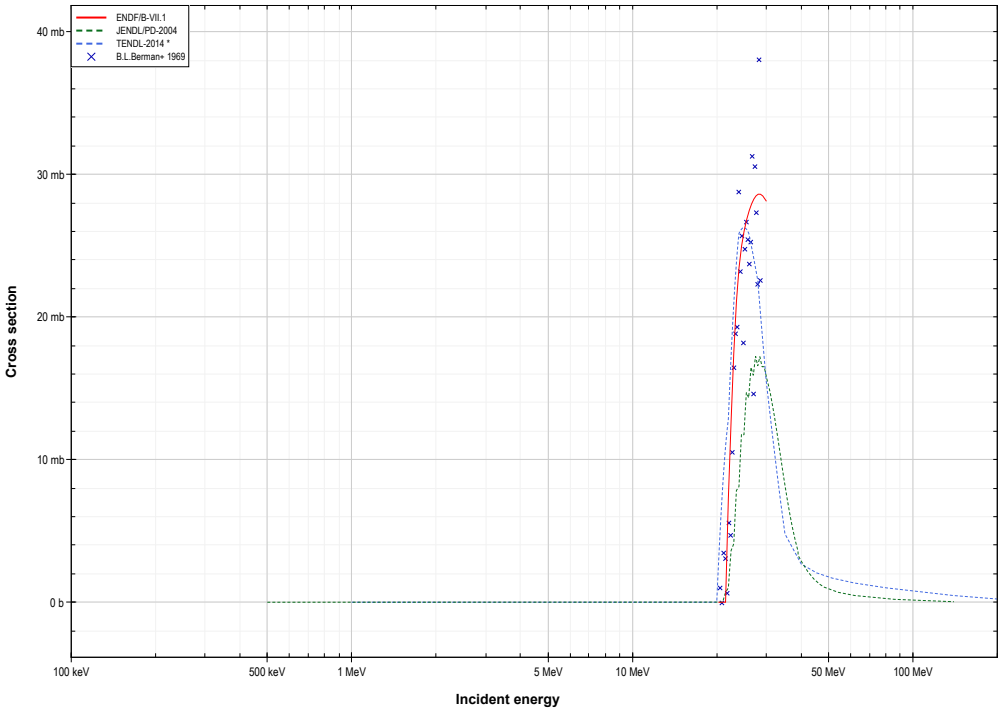
Reaction	Q-Value
W186(γ,n)W185	-7191.12 keV

<< 73-Ta-181	**74-W-186**	76-Os-188 >>
<< MT4 (γ,n)	**MT17 (γ,3n) or MT5 (W183 production)**	75-Re-187 MT4 (γ,n) >>

W186 (γ,3n) log-log



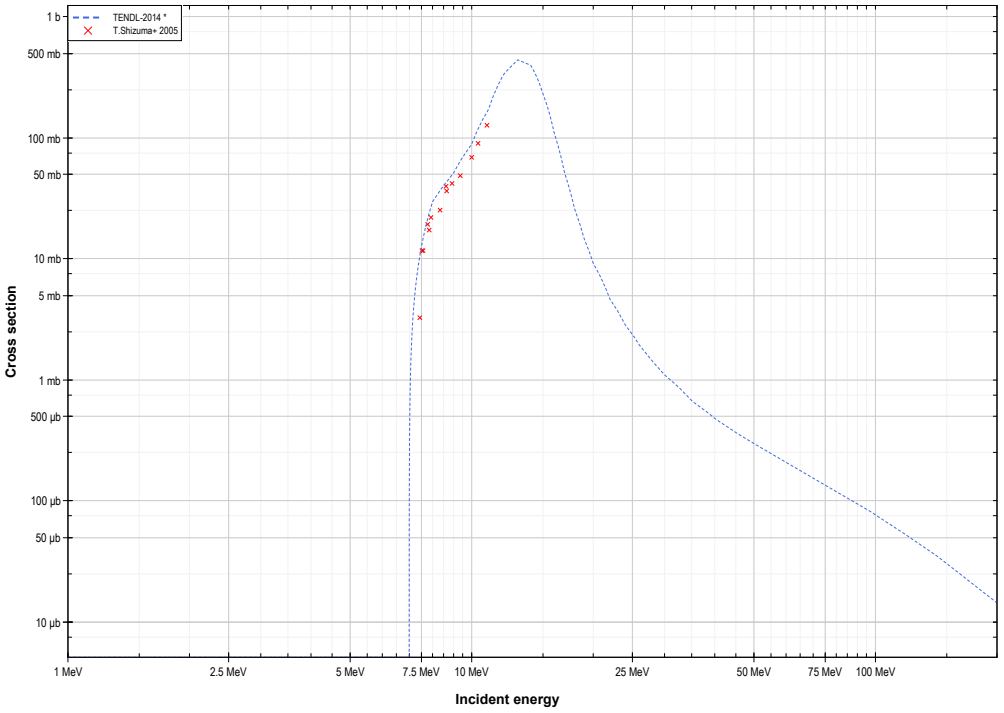
W186 (γ,3n) lin-log



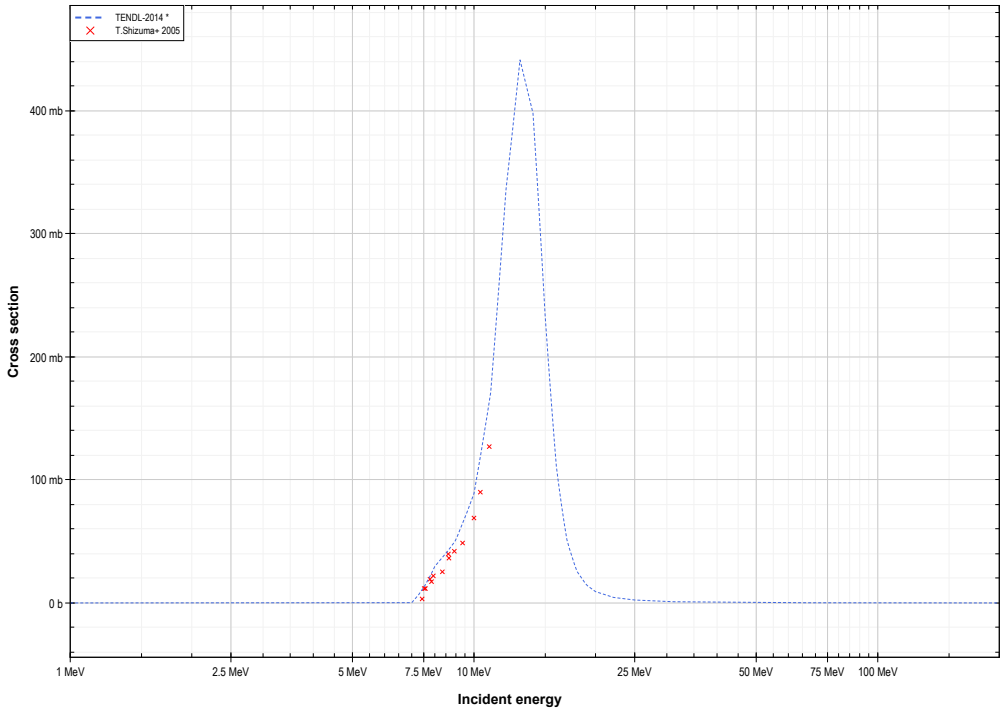
Reaction	Q-Value
W186(γ,3n)W183	-20356.45 keV

<< 74-W-186	**75-Re-187**	76-Os-188 >>
<< 74-W-186 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Re186 production)**	76-Os-186 MT16 (γ,2n) >>

Re187 (γ,n) log-log



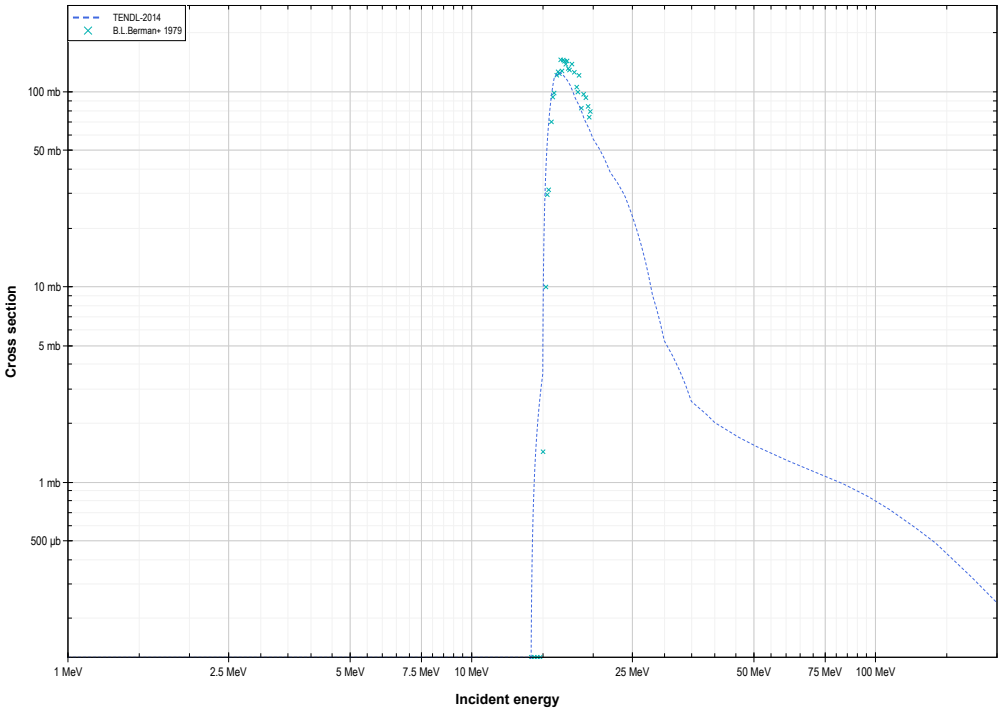
Re187 (γ,n) lin-log



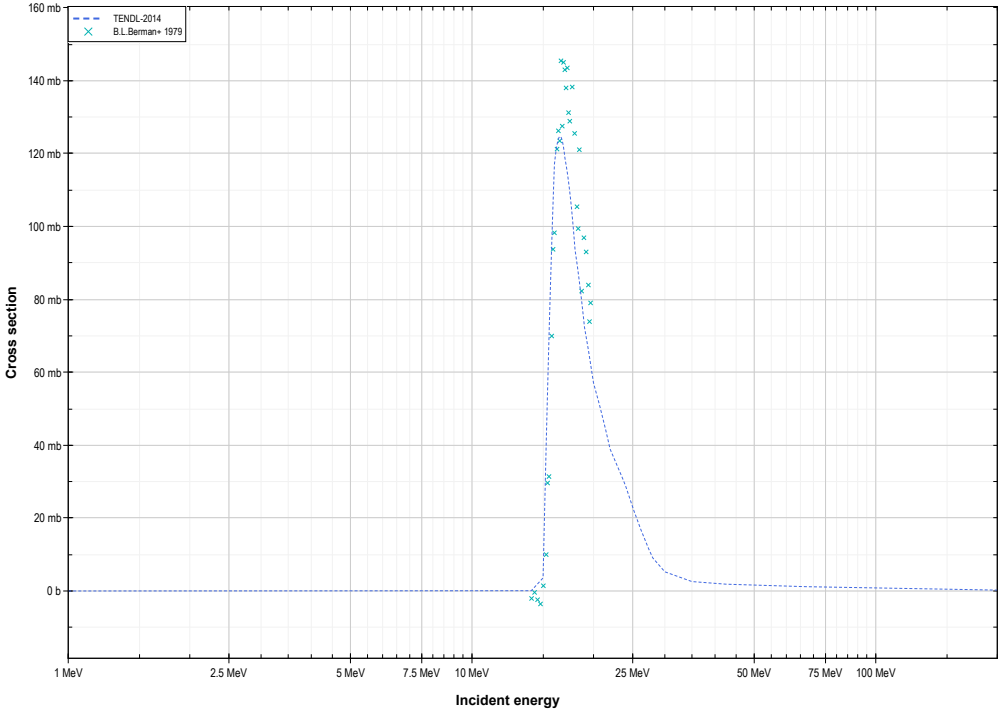
Reaction	Q-Value
Re187(γ,n)Re186	-7356.82 keV

<< 73-Ta-181	**76-Os-186**	79-Au-197 >>
<< 75-Re-187 MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Os184 production)**	76-Os-188 MT4 (γ,n) >>

Os186 (γ,2n) log-log



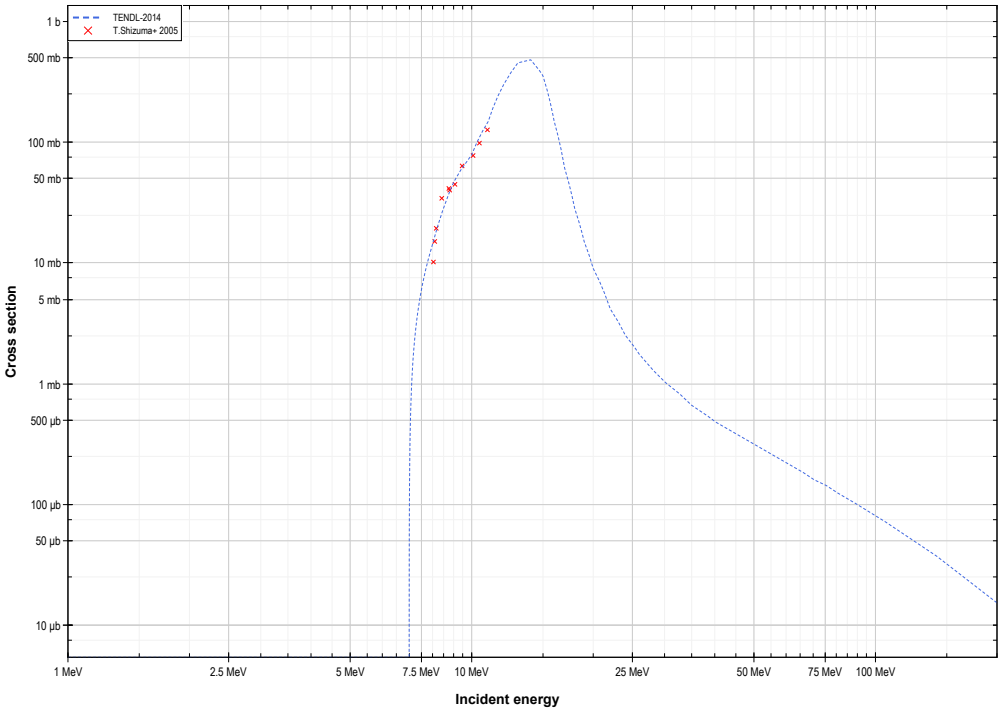
Os186 (γ,2n) lin-log



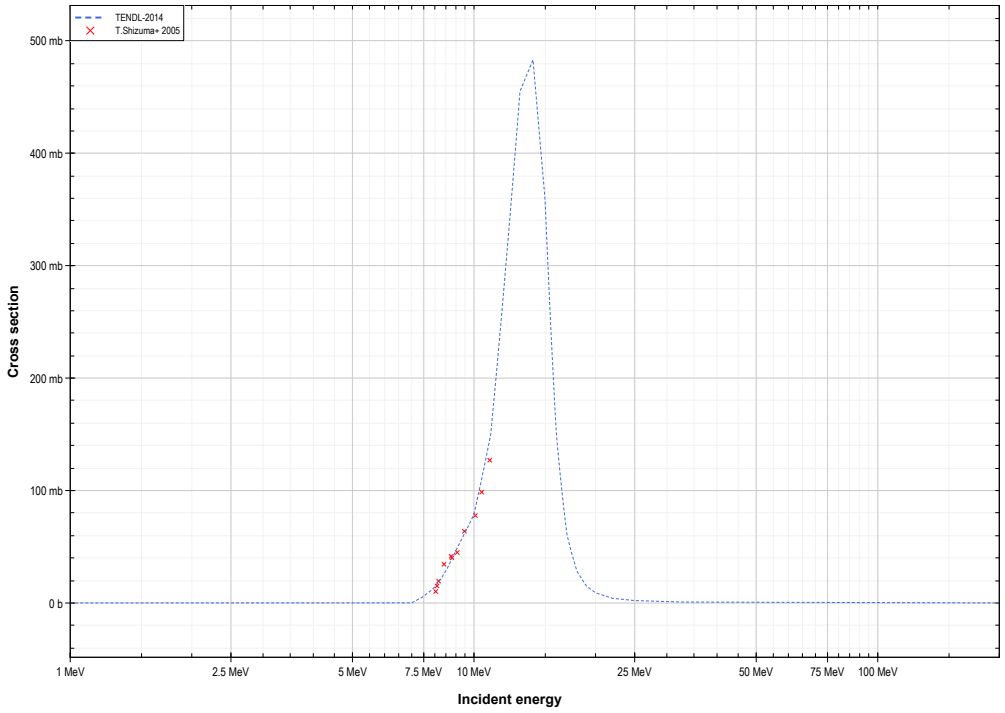
Reaction	Q-Value
Os186(γ,2n)Os184	-14886.03 keV

<< 75-Re-187	**76-Os-188**	78-Pt-198 >>
<< 76-Os-186 MT16 (γ,2n)	**MT4 (γ,n) or MT5 (Os187 production)**	MT17 (γ,3n) >>

Os188 (γ,n) log-log



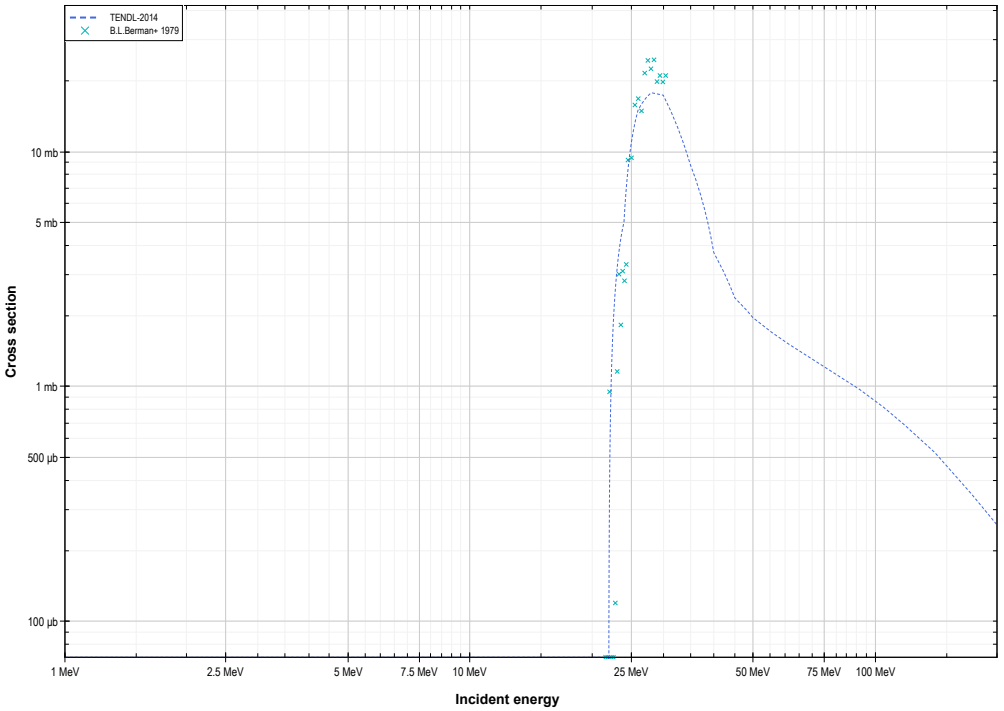
Os188 (γ,n) lin-log



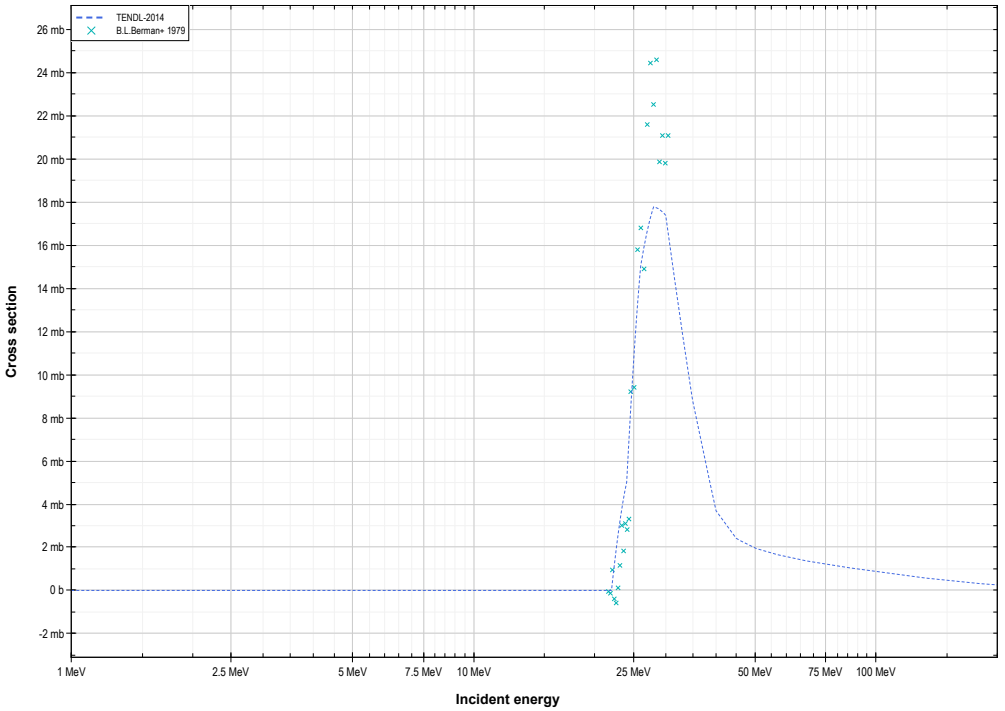
Reaction	Q-Value
Os188(γ,n)Os187	-7989.52 keV

<< 74-W-186	**76-Os-188**	76-Os-189 >>
<< MT4 (γ,n)	**MT17 (γ,3n) or MT5 (Os185 production)**	76-Os-189 MT17 (γ,3n) >>

Os188 (γ,3n) log-log



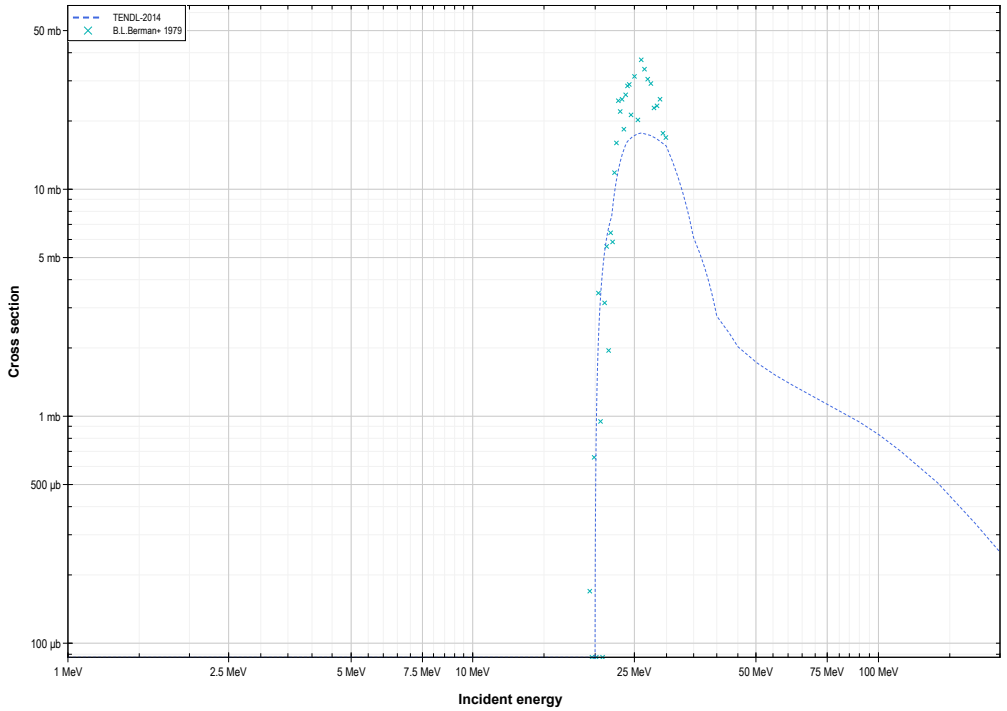
Os188 (γ,3n) lin-log



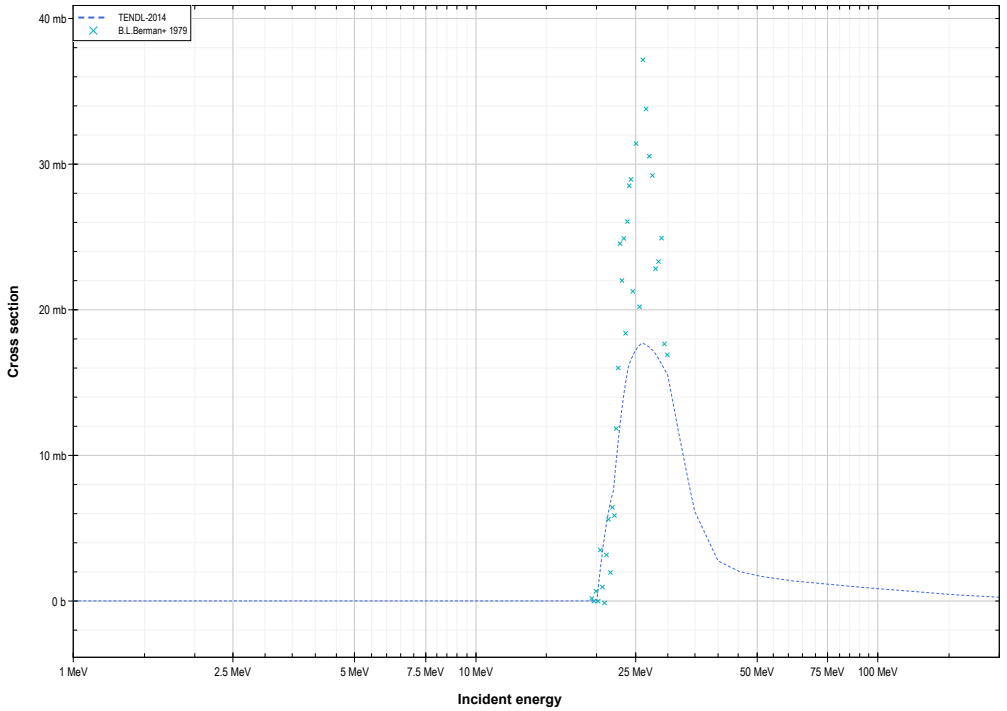
Reaction	Q-Value
Os188(γ,3n)Os185	-22540.95 keV

<< 76-Os-188	**76-Os-189**	76-Os-190 >>
<< 76-Os-188 MT17 (γ,3n)	**MT17 (γ,3n) or MT5 (Os186 production)**	76-Os-190 MT17 (γ,3n) >>

Os189 (γ,3n) log-log



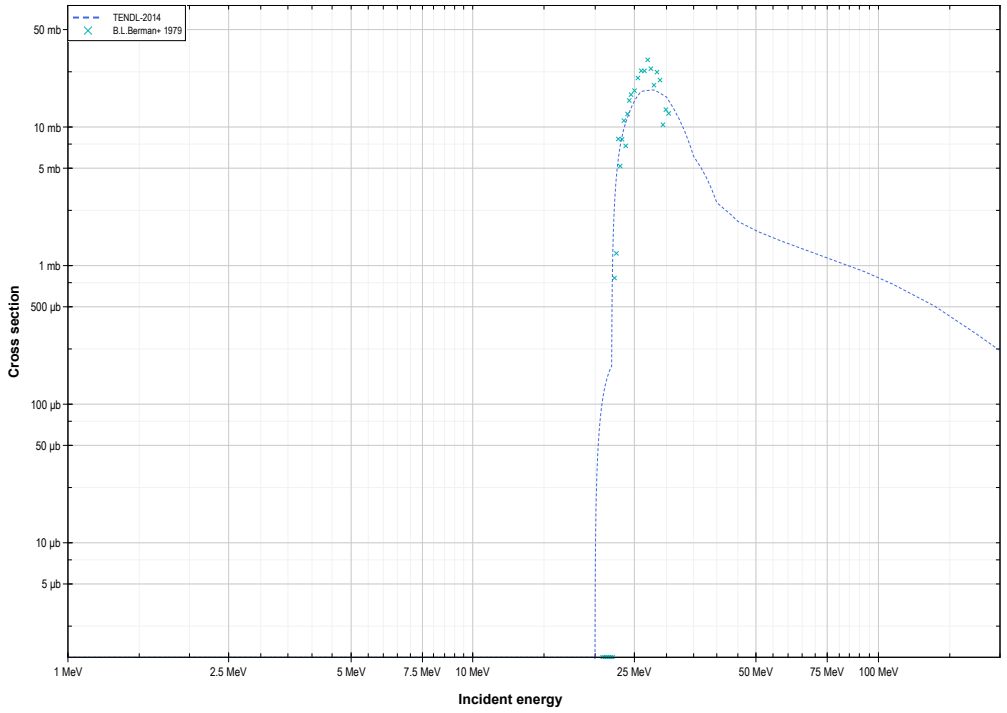
Os189 (γ,3n) lin-log



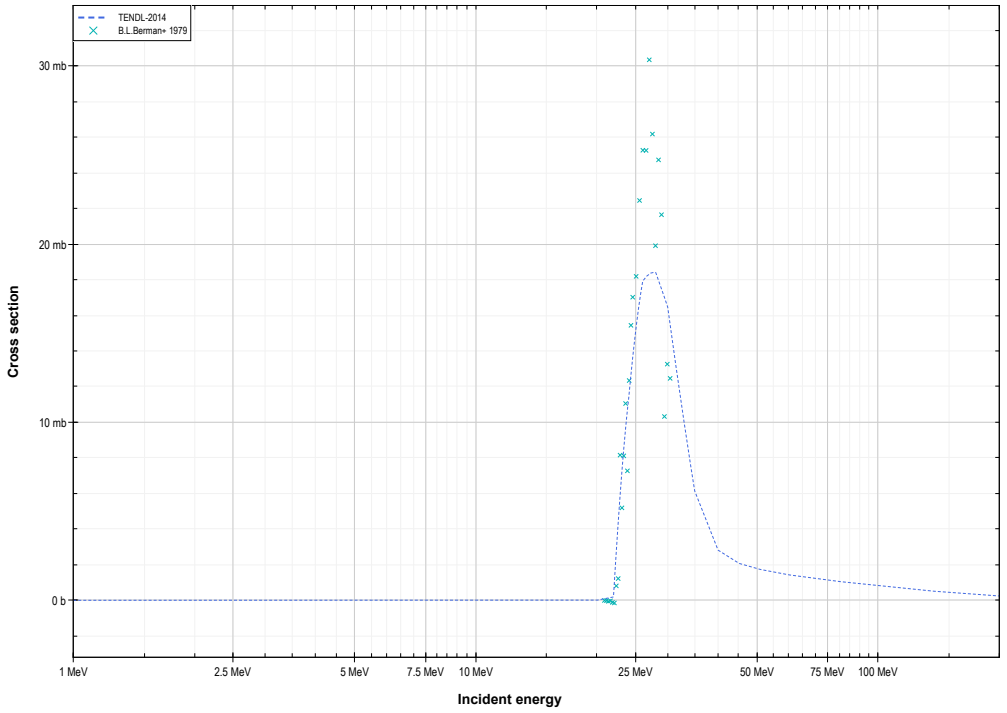
Reaction	Q-Value
Os189(γ,3n)Os186	-20199.85 keV

<< 76-Os-189	**76-Os-190**	76-Os-192 >>
<< 76-Os-189 MT17 (γ,3n)	**MT17 (γ,3n) or MT5 (Os187 production)**	76-Os-192 MT17 (γ,3n) >>

Os190 (γ,3n) log-log



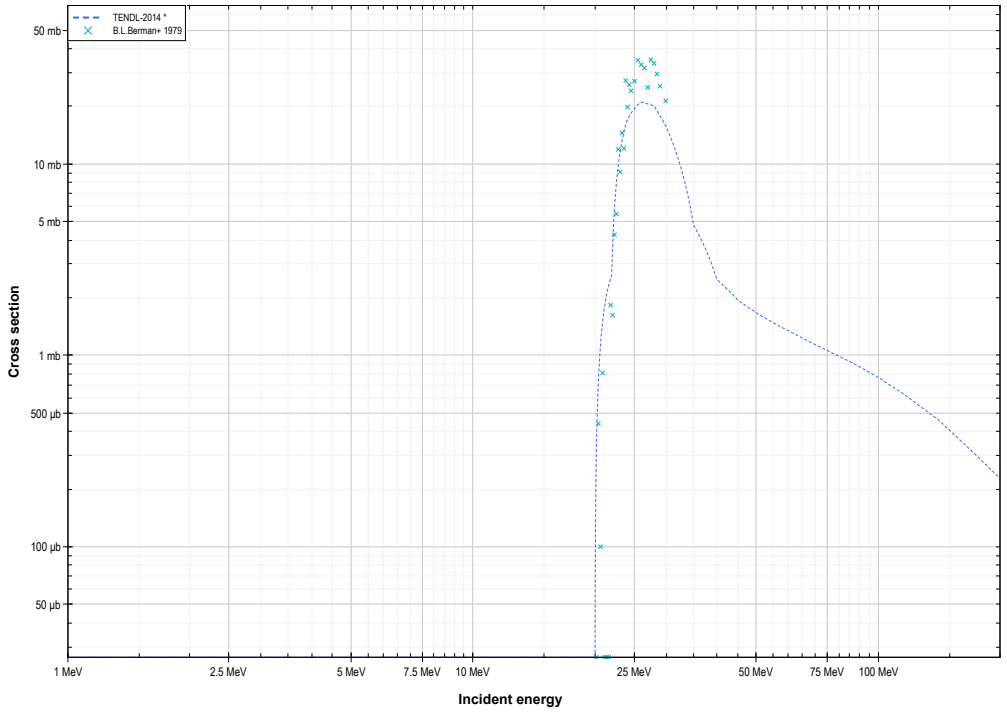
Os190 (γ,3n) lin-log



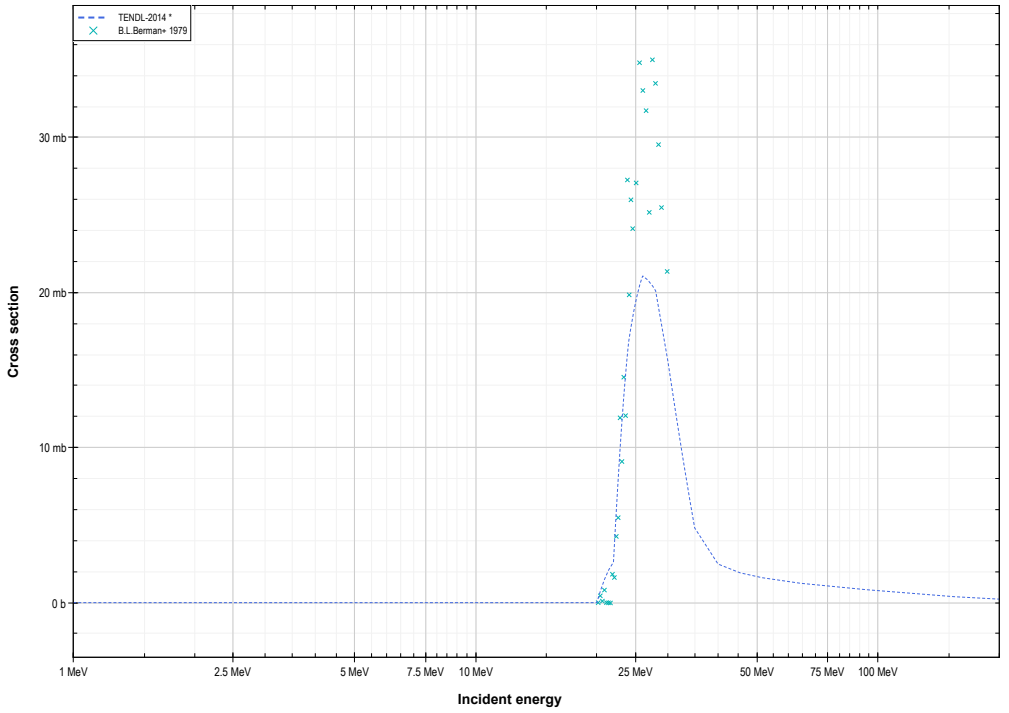
Reaction	Q-Value
Os190(γ,3n)Os187	-21702.05 keV

<< 76-Os-190	**76-Os-192**	79-Au-197 >>
<< 76-Os-190 MT17 (γ,3n)	**MT17 (γ,3n) or MT5 (Os189 production)**	78-Pt-198 MT4 (γ,n) >>

Os192 (γ,3n) log-log



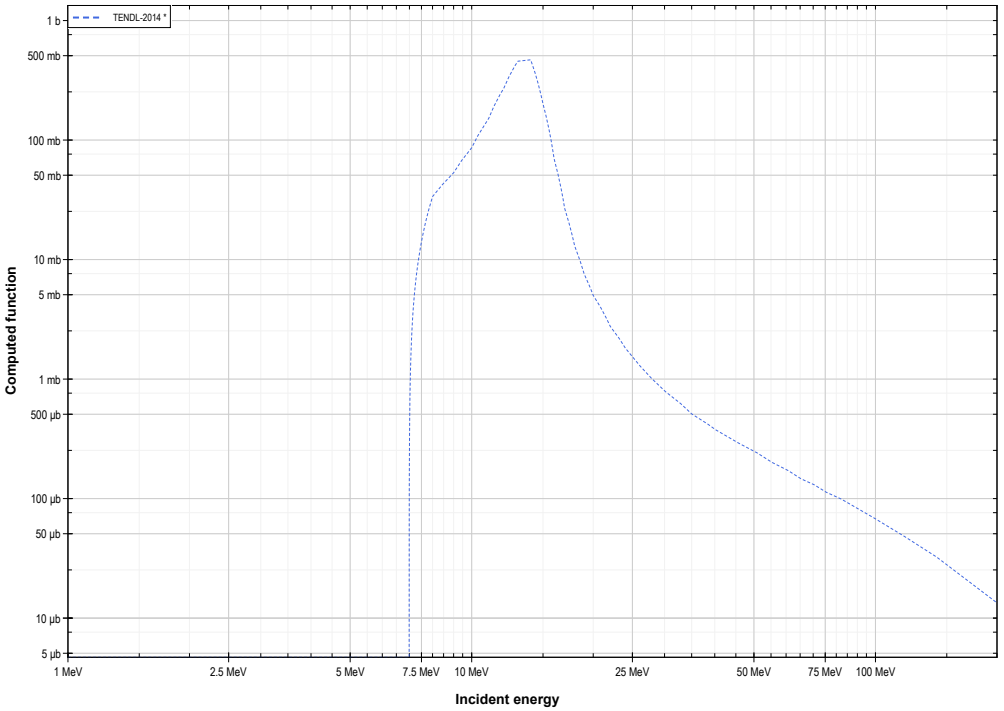
Os192 (γ,3n) lin-log



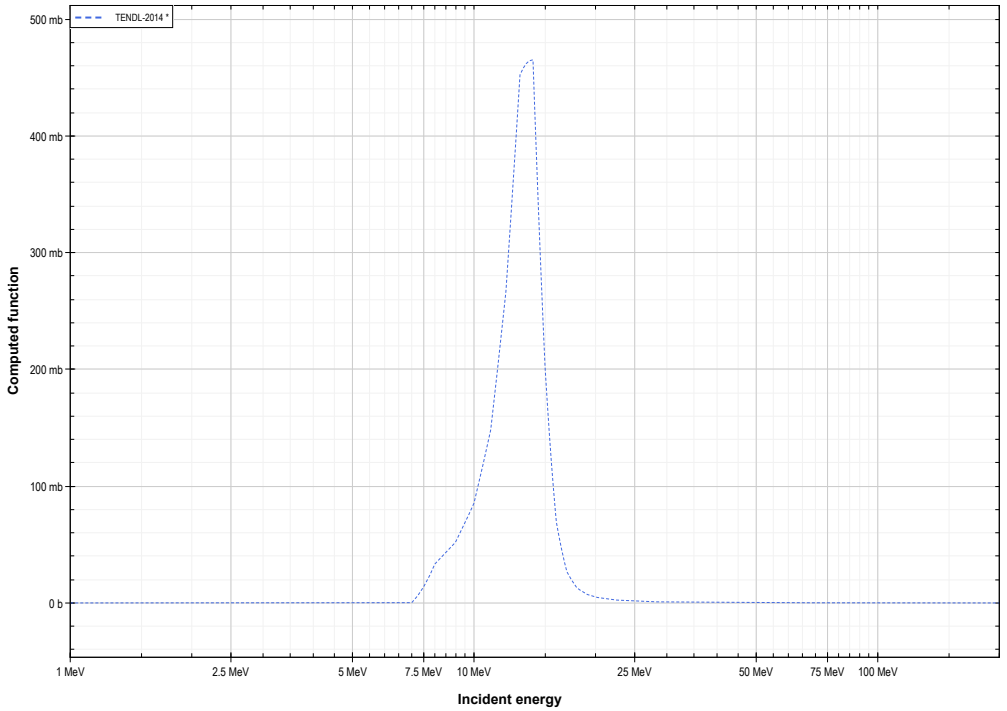
Reaction	Q-Value
Os192(γ,3n)Os189	-21109.05 keV

<< 76-Os-188	**78-Pt-198**	79-Au-197 >>
<< 76-Os-192 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Pt197 production)**	79-Au-197 MT4 (γ,n) >>

Pt198 (γ,n) log-log



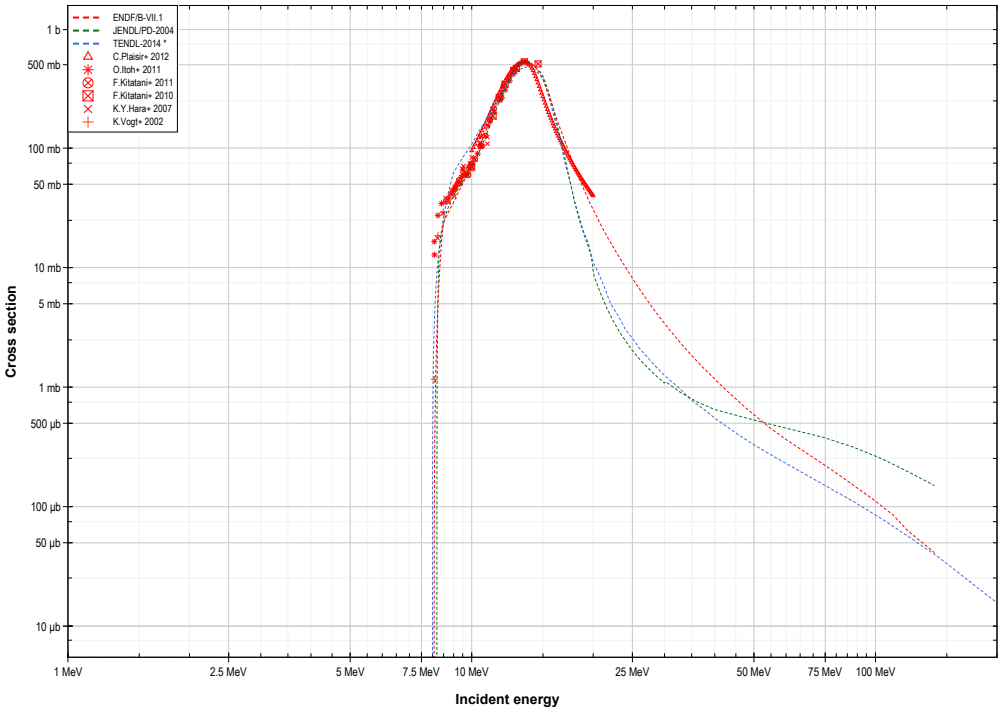
Pt198 (γ,n) lin-log



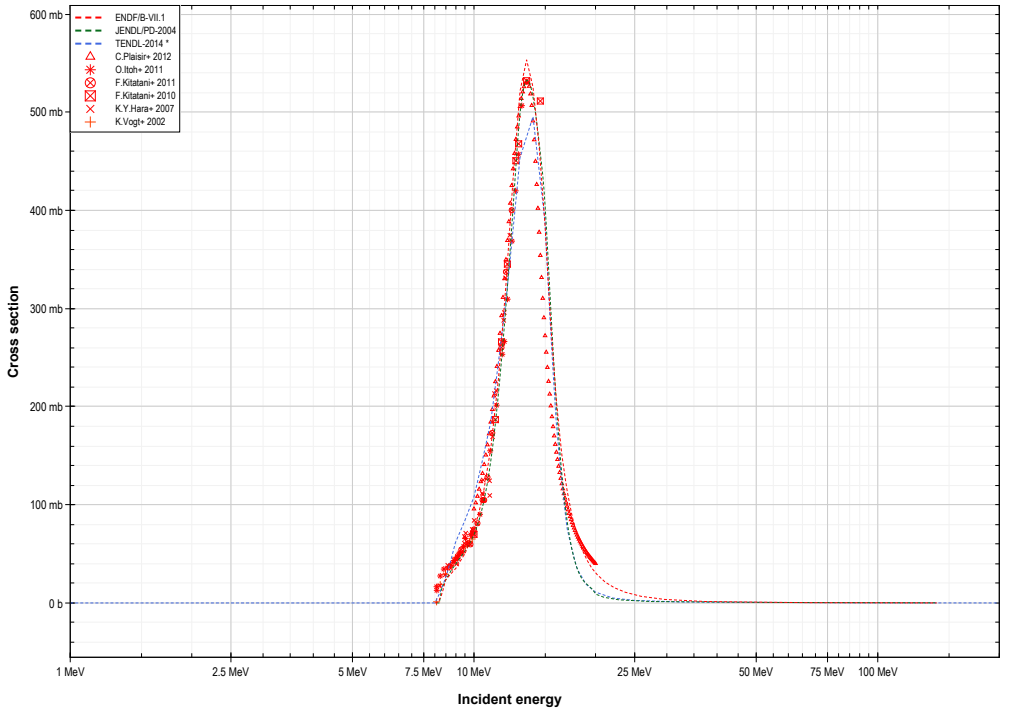
Reaction	Q-Value
Pt198(γ,n)Pt197	-7556.92 keV

<< 78-Pt-198	**79-Au-197**	80-Hg-198 >>
<< 78-Pt-198 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Au196 production)**	MT16 (γ,2n) >>

Au197 (γ,n) log-log



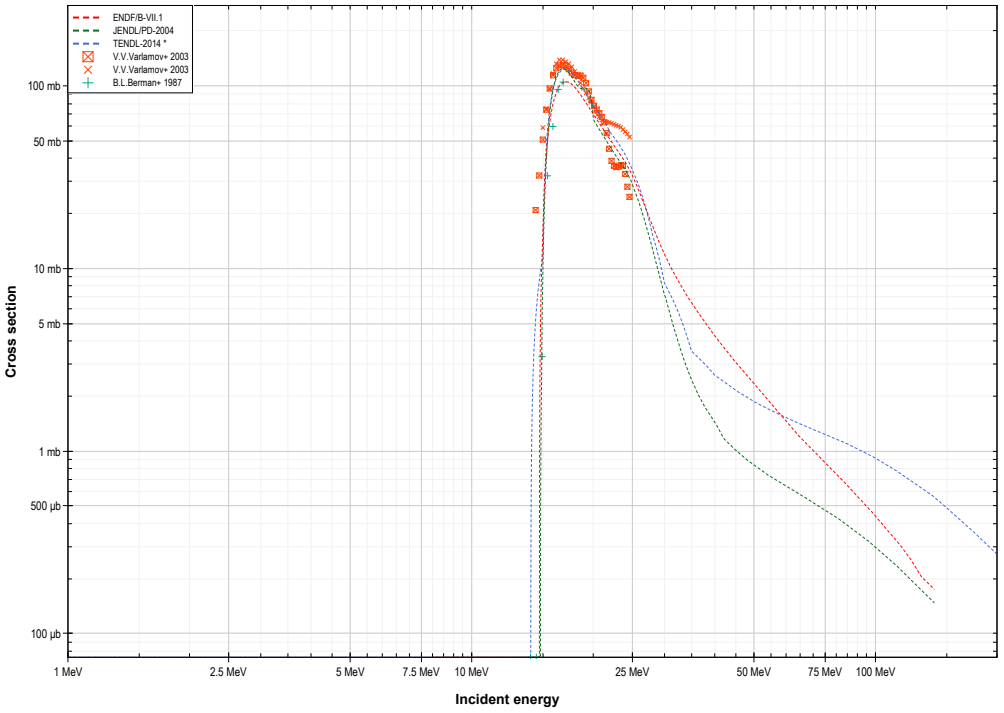
Au197 (γ,n) lin-log



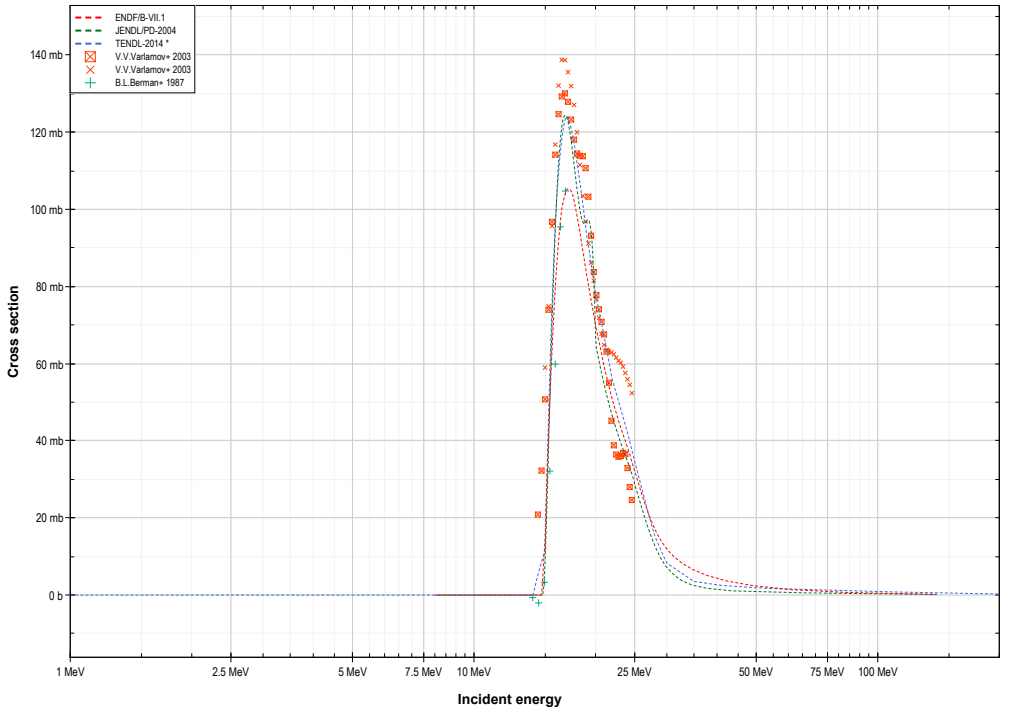
Reaction	Q-Value
Au197(γ,n)Au196	-8072.42 keV

<< 76-Os-186	**79-Au-197**	82-Pb-208 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Au195 production)**	MT17 (γ,3n) >>

Au197 (γ,2n) log-log



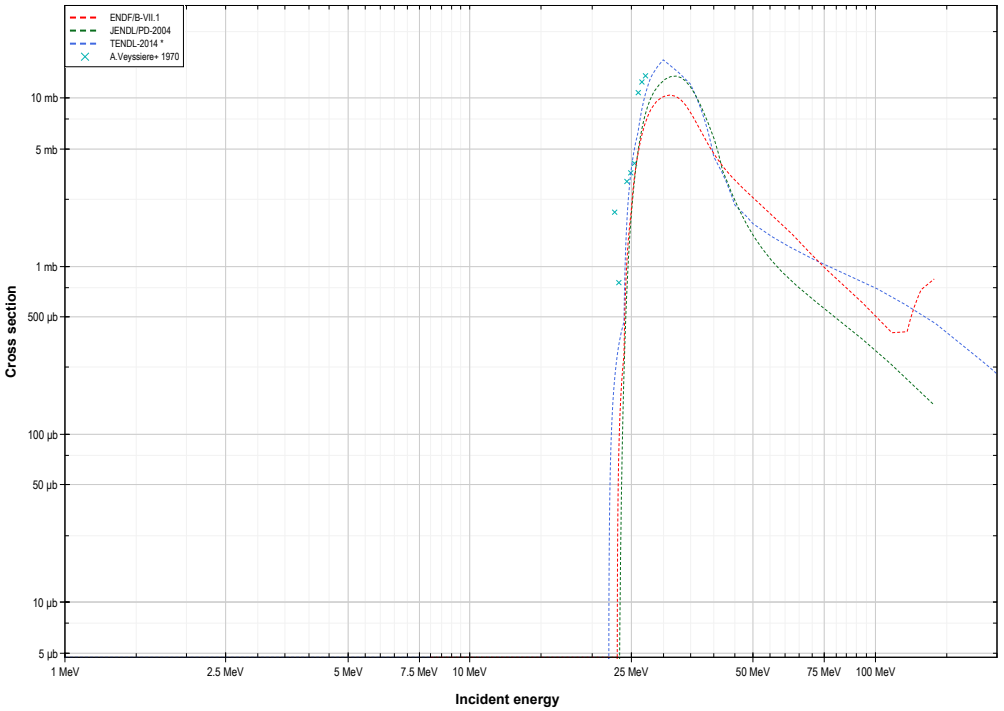
Au197 (γ,2n) lin-log



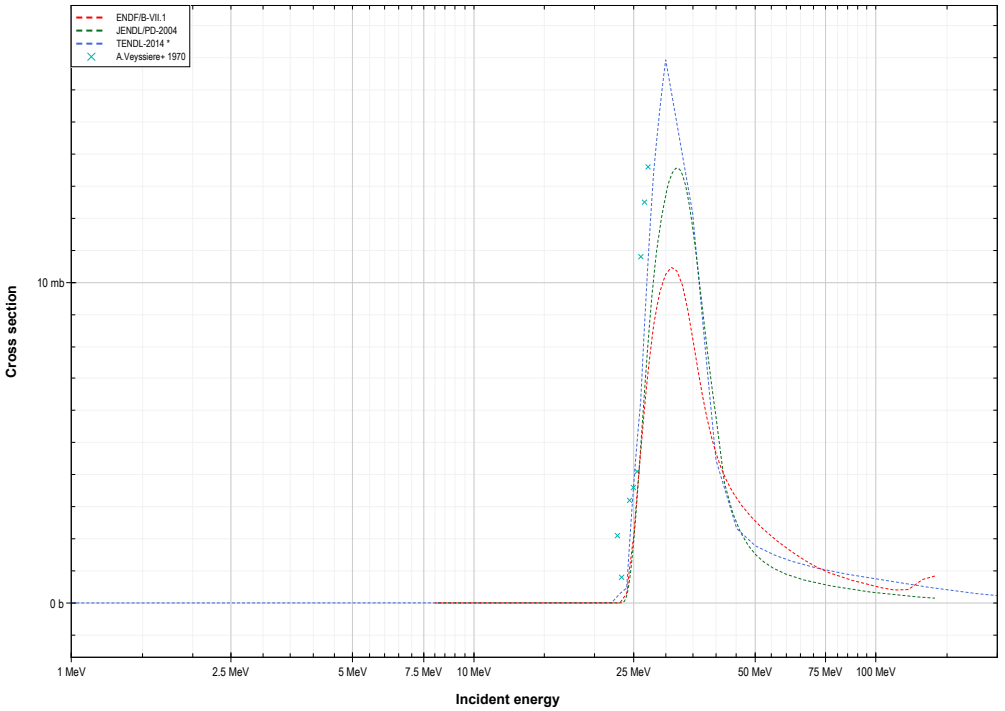
Reaction	Q-Value
Au197(γ,2n)Au195	-14713.73 keV

<< 76-Os-192	**79-Au-197**	82-Pb-208 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (Au194 production)**	80-Hg-198 MT4 (γ,n) >>

Au197 (γ,3n) log-log



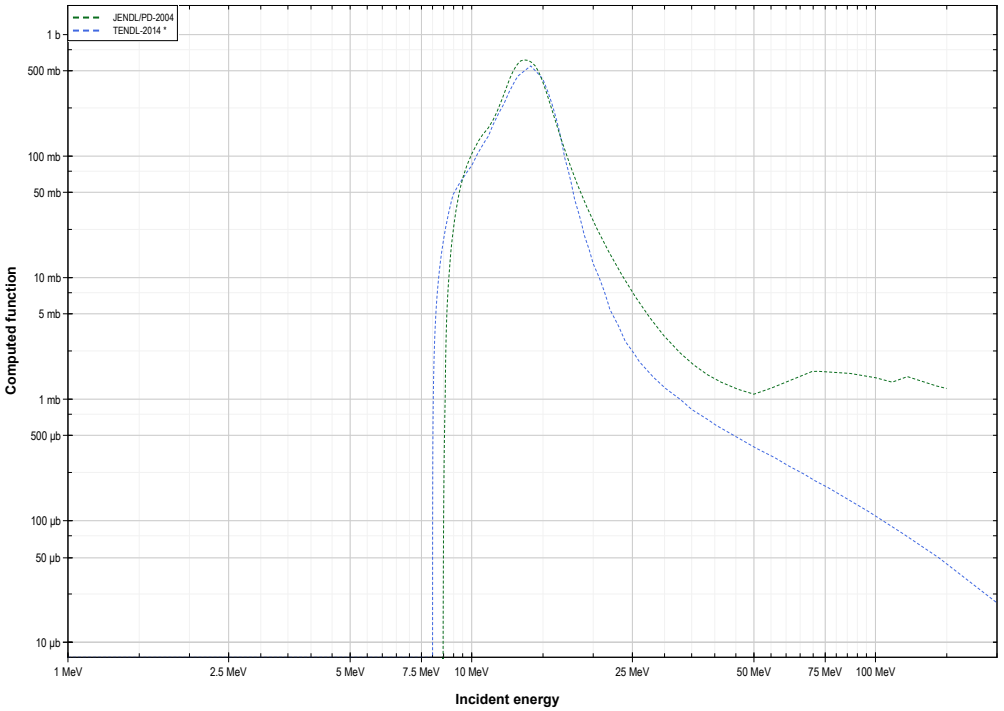
Au197 (γ,3n) lin-log



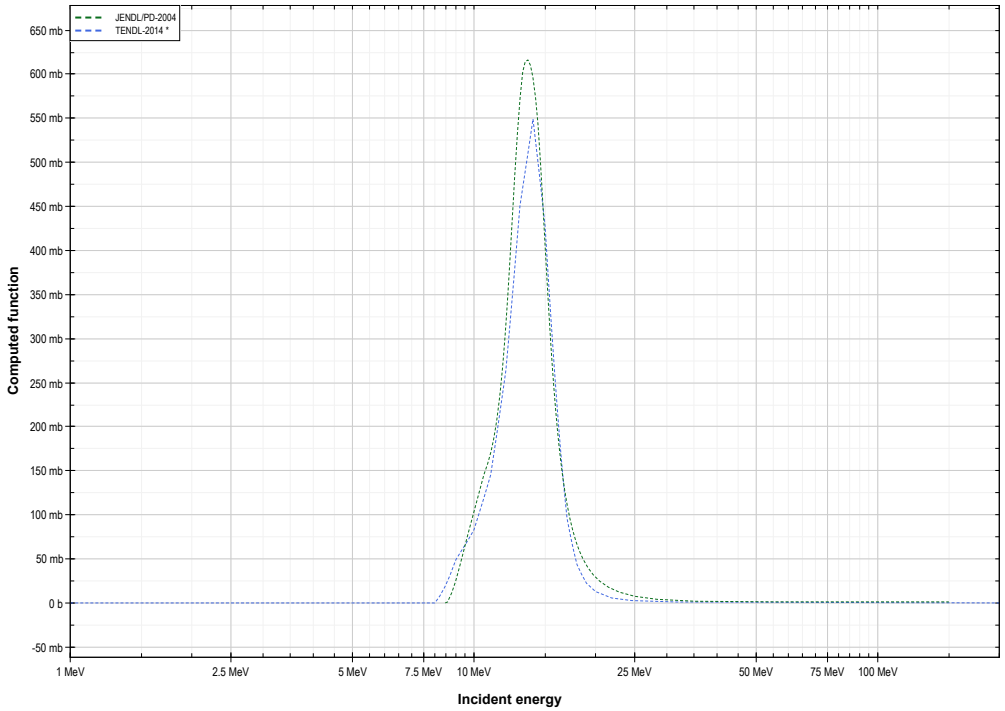
Reaction	Q-Value
Au197(γ,3n)Au194	-23093.05 keV

<< 79-Au-197	**80-Hg-198**	80-Hg-200 >>
<< 79-Au-197 MT17 (γ,3n)	**MT4 (γ,n) or MT5 (Hg197 production)**	80-Hg-200 MT4 (γ,n) >>

Hg198 (γ,n) log-log



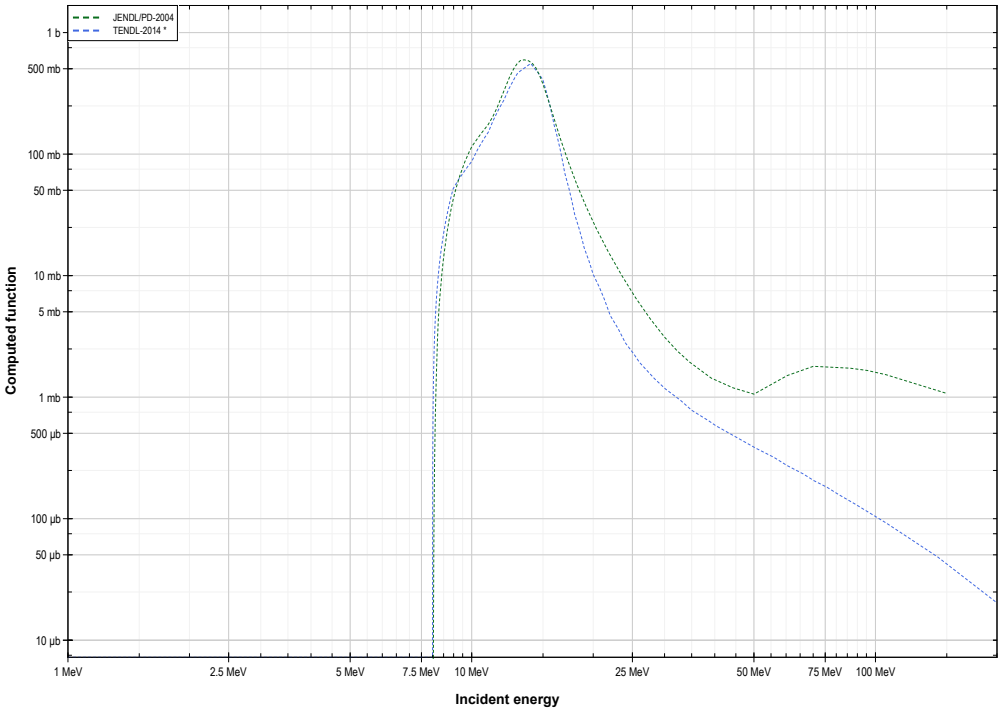
Hg198 (γ,n) lin-log



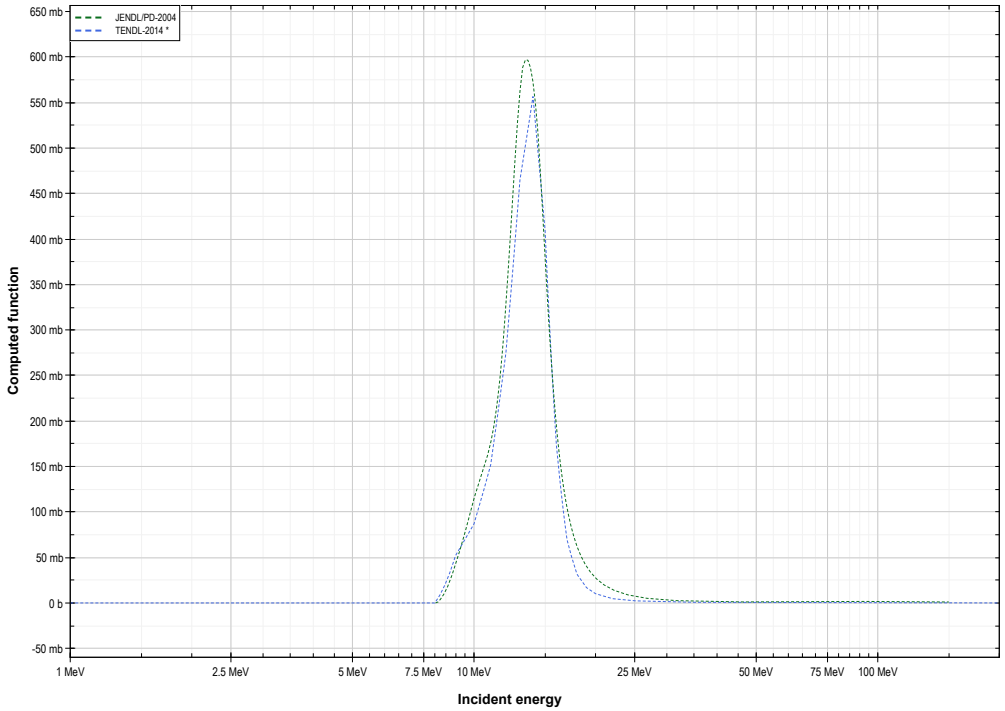
Reaction	Q-Value
Hg198(γ,n)Hg197	-8484.72 keV

<< 80-Hg-198	**80-Hg-200**	81-Tl-203 >>
<< 80-Hg-198 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Hg199 production)**	81-Tl-203 MT4 (γ,n) >>

Hg200 (γ,n) log-log



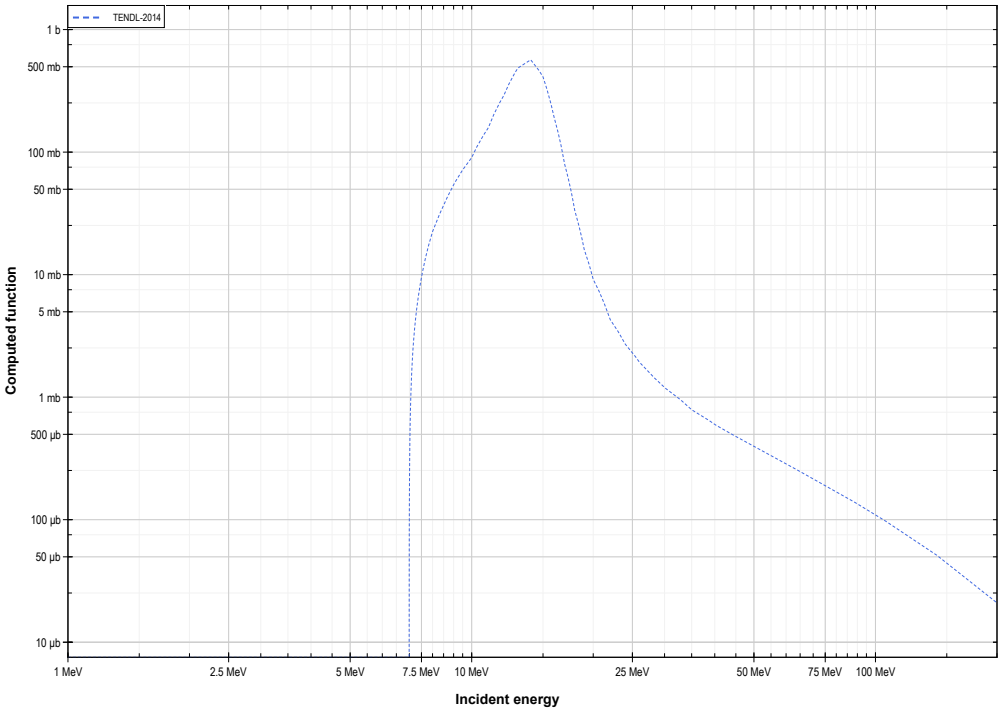
Hg200 (γ,n) lin-log



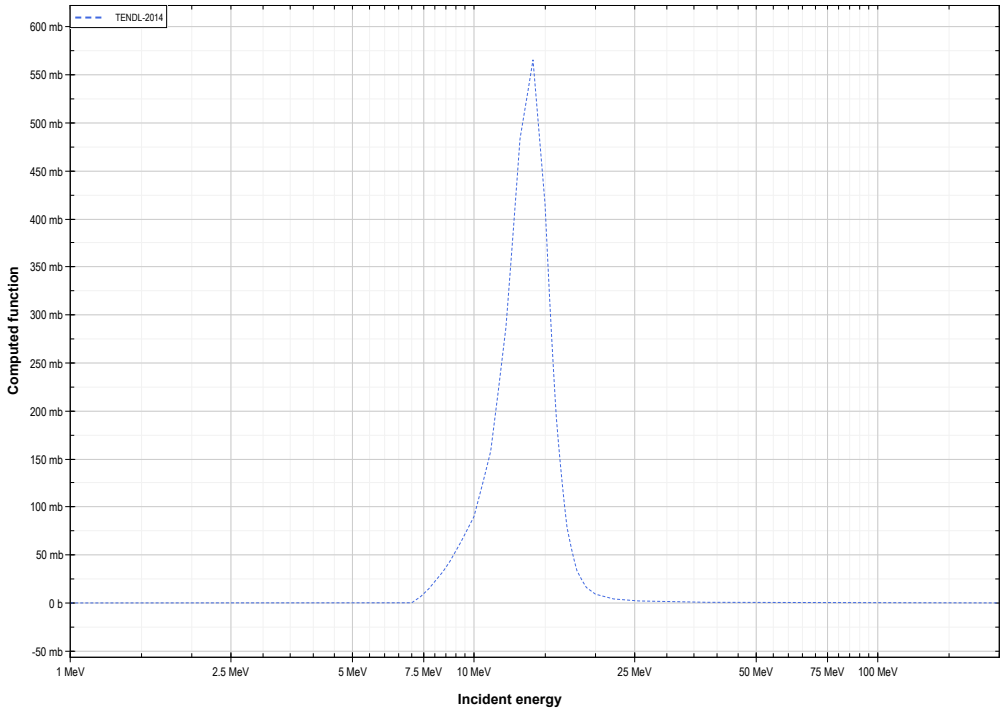
Reaction	Q-Value
Hg200(γ,n)Hg199	-8028.32 keV

<< 80-Hg-200	**81-Tl-203**	82-Pb-206 >>
<< 80-Hg-200 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Tl202 production)**	82-Pb-206 MT4 (γ,n) >>

Tl203 (γ,n) log-log



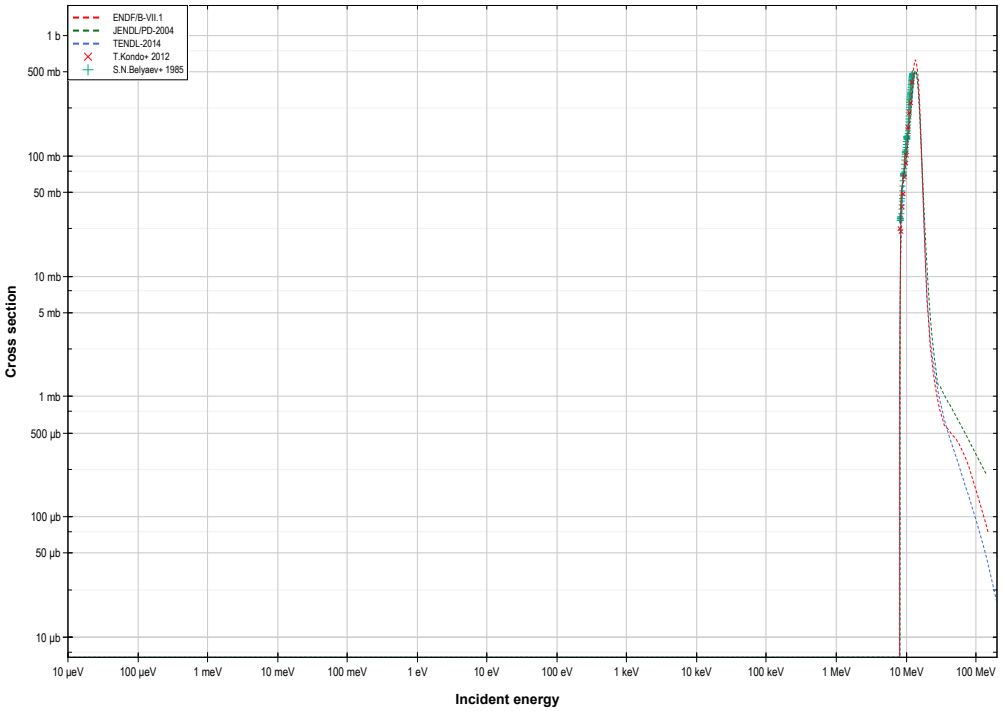
Tl203 (γ,n) lin-log



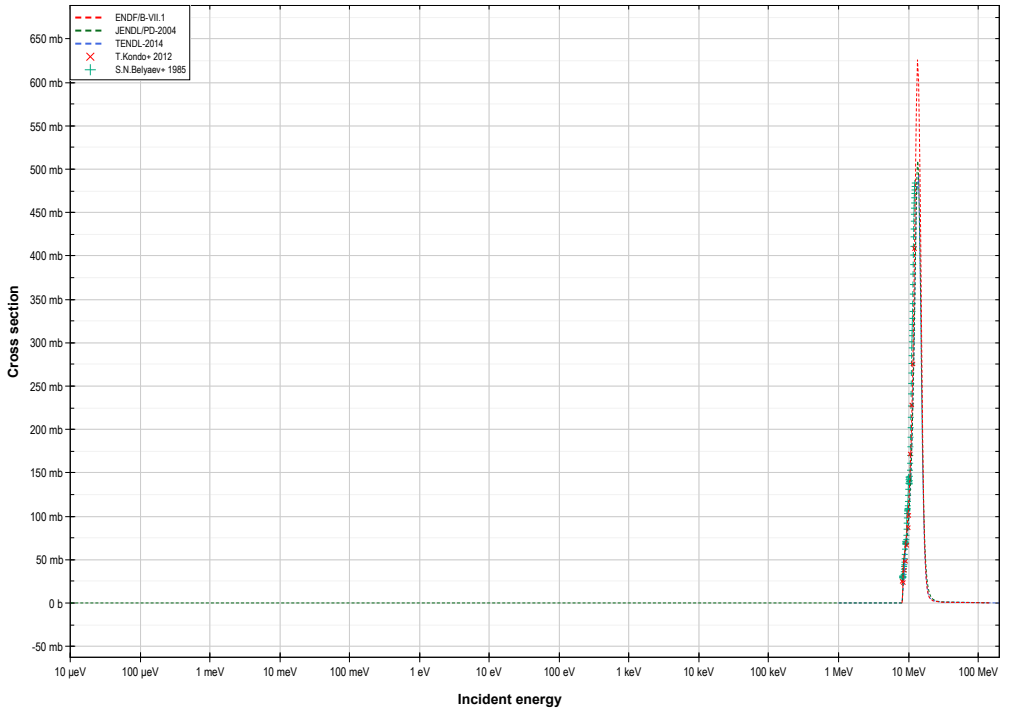
Reaction	Q-Value
Tl203(γ,n)Tl202	-7849.52 keV

<< 81-Tl-203	**82-Pb-206**	82-Pb-207 >>
<< 81-Tl-203 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Pb205 production)**	82-Pb-207 MT4 (γ,n) >>

Pb206 (γ,n) log-log



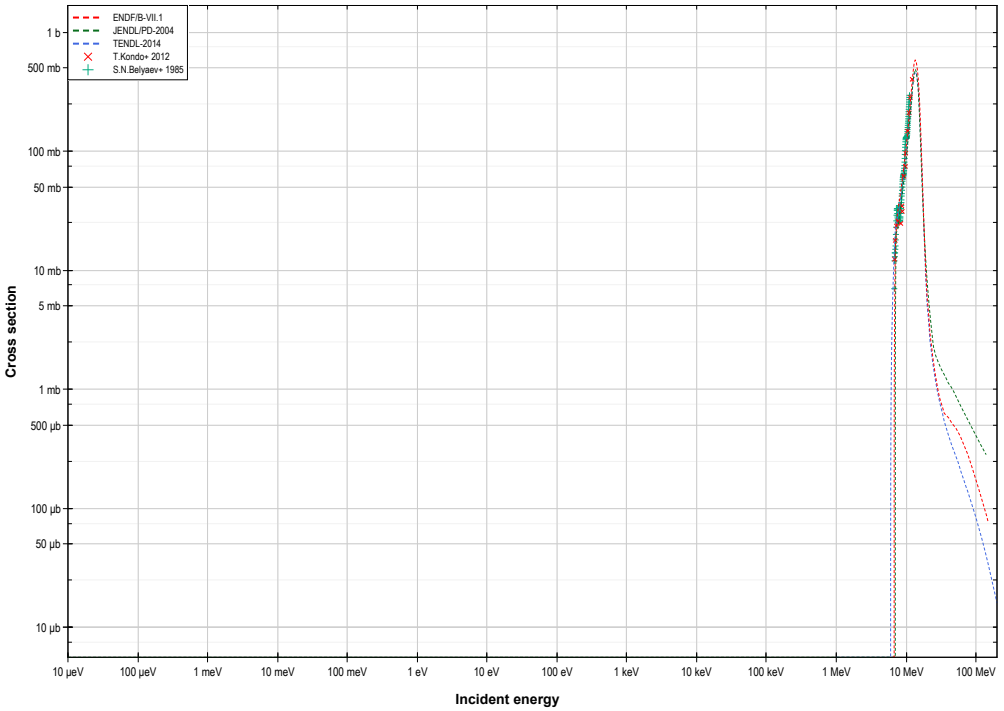
Pb206 (γ,n) lin-log



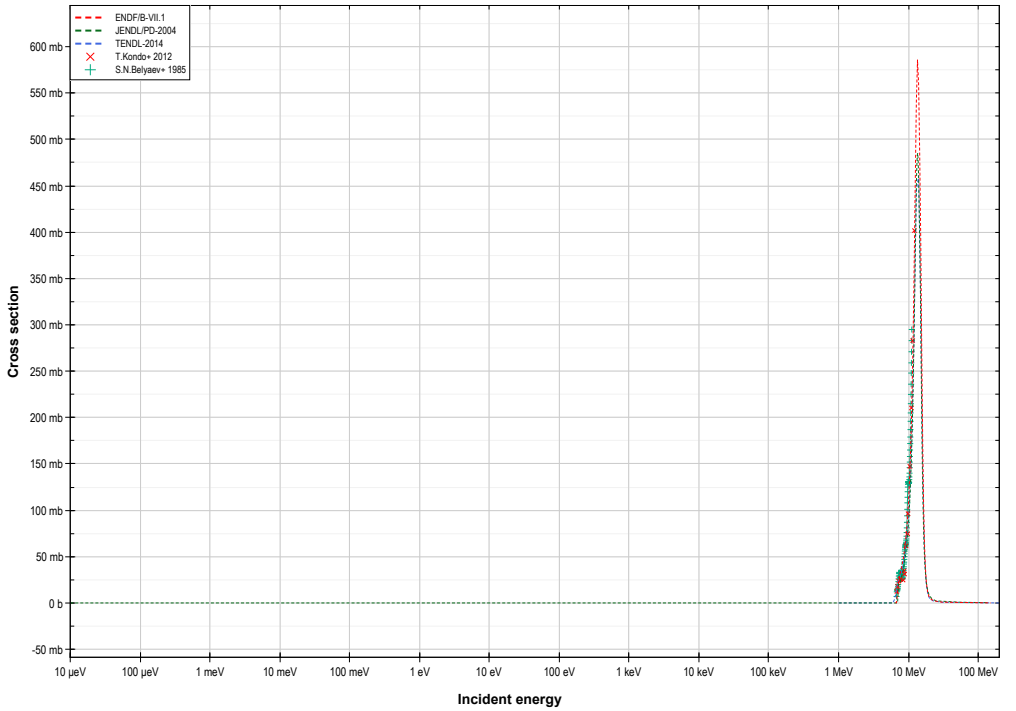
Reaction	Q-Value
Pb206(γ,n)Pb205	-8086.62 keV

<< 82-Pb-206	**82-Pb-207**	82-Pb-208 >>
<< 82-Pb-206 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Pb206 production)**	82-Pb-208 MT4 (γ,n) >>

Pb207 (γ,n) log-log



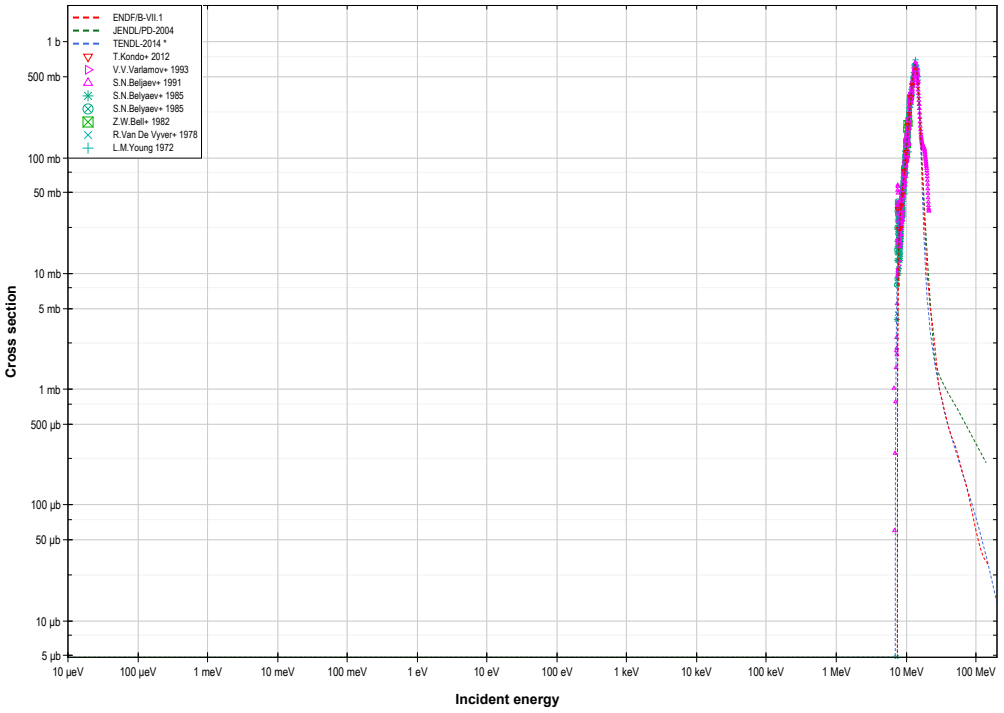
Pb207 (γ,n) lin-log



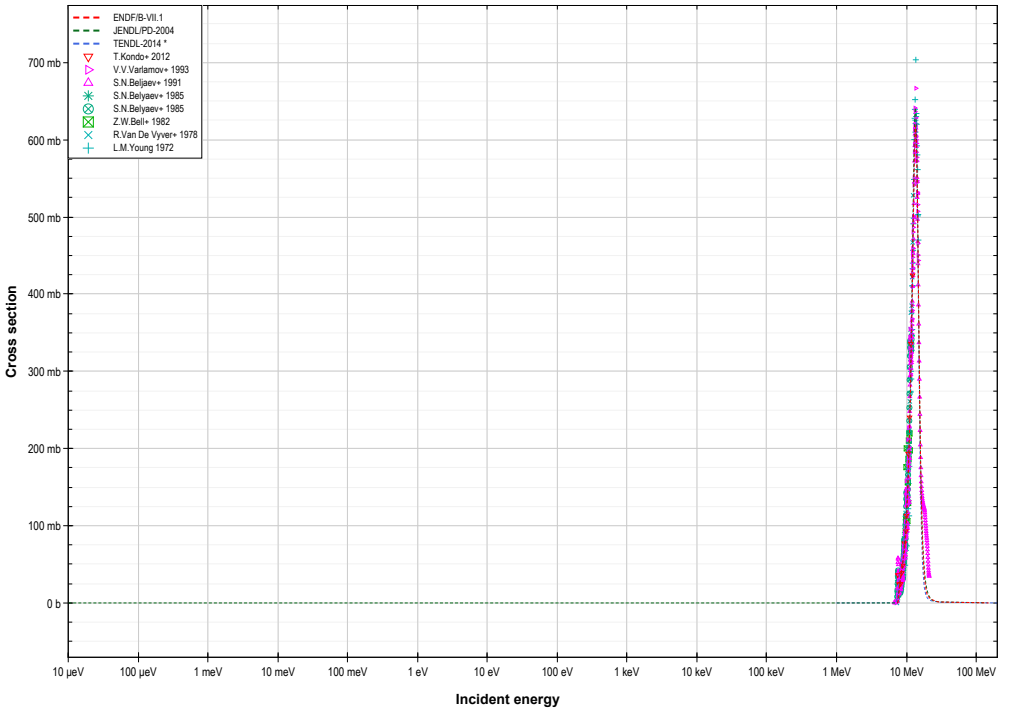
Reaction	Q-Value
Pb207(γ,n)Pb206	-6737.82 keV

<< 82-Pb-207	**82-Pb-208**	83-Bi-209 >>
<< 82-Pb-207 MT4 (γ,n)	**MT4 (γ,n) or MT5 (Pb207 production)**	MT16 (γ,2n) >>

Pb208 (γ,n) log-log



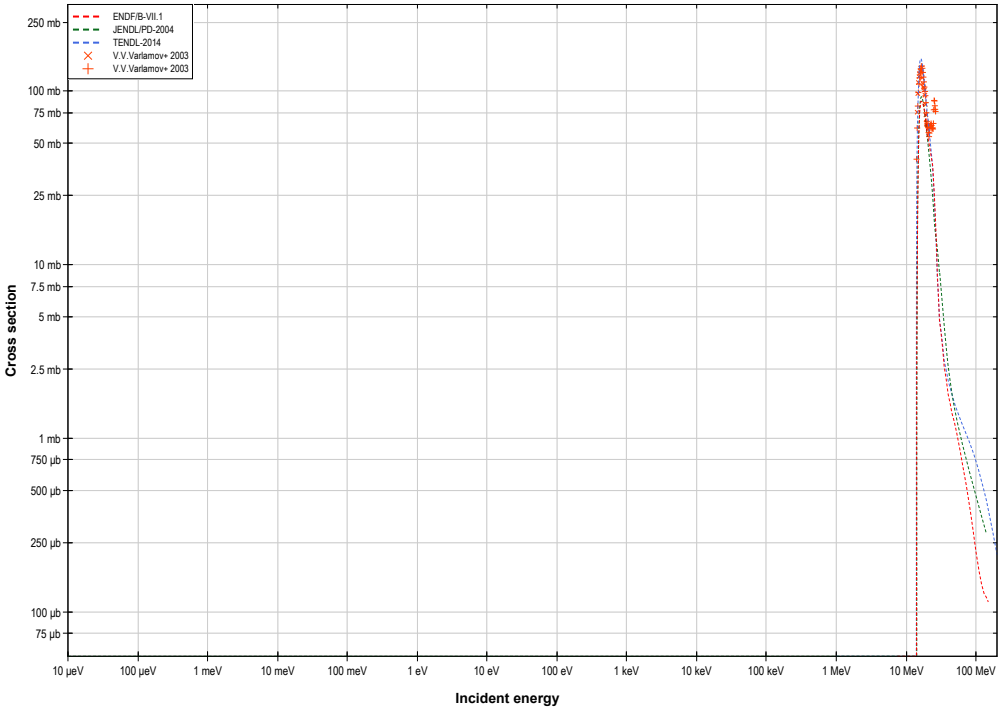
Pb208 (γ,n) lin-log



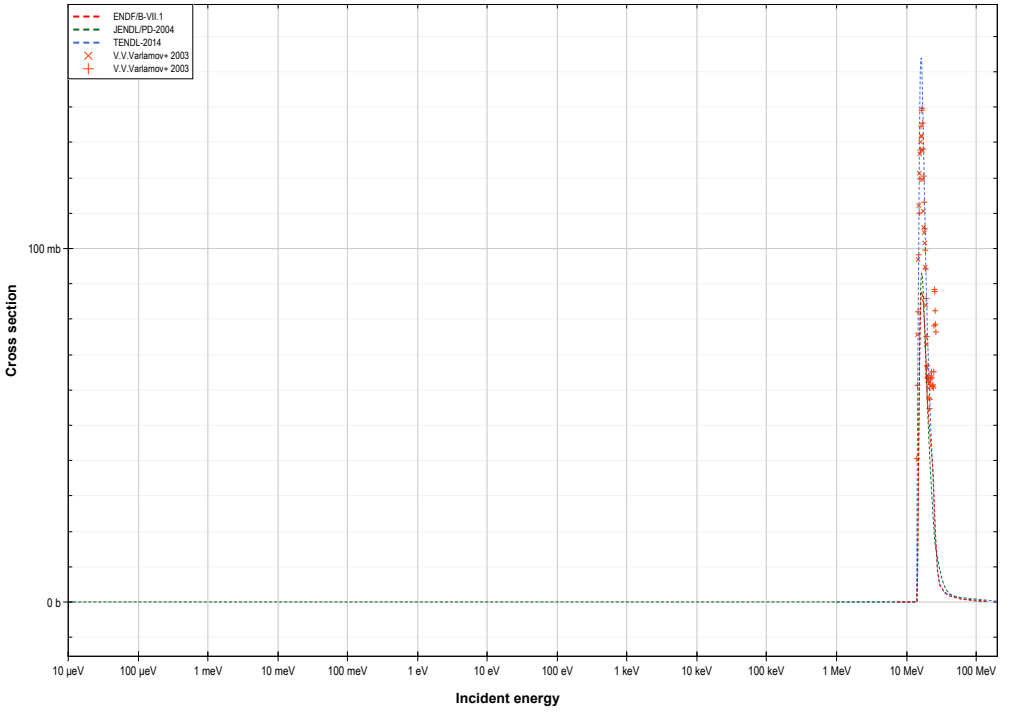
Reaction	Q-Value
Pb208(γ,n)Pb207	-7367.92 keV

<< 79-Au-197	**82-Pb-208**	90-Th-232 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Pb206 production)**	MT17 (γ,3n) >>

Pb208 (γ,2n) log-log



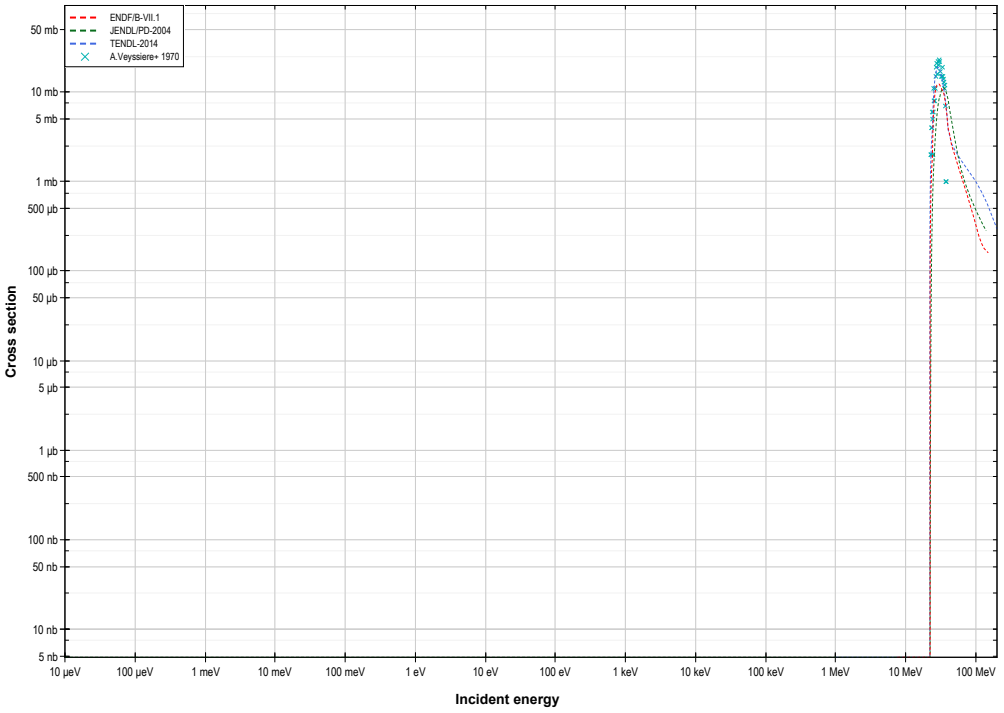
Pb208 (γ,2n) lin-log



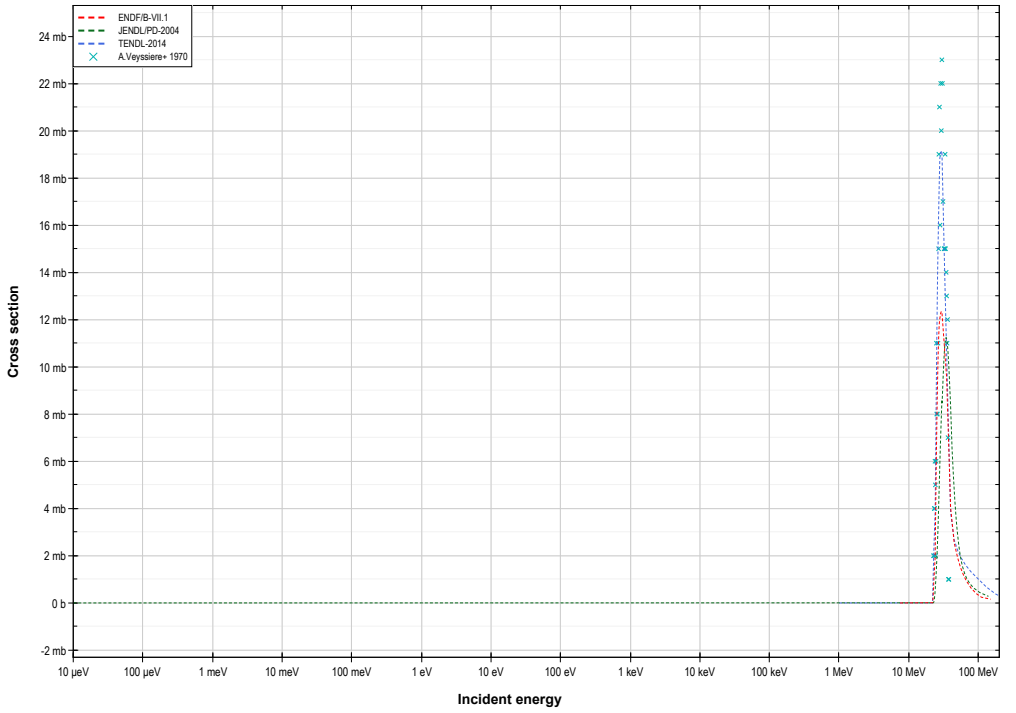
Reaction	Q-Value
Pb208(γ,2n)Pb206	-14105.73 keV

<< 79-Au-197	**82-Pb-208**	83-Bi-209 >>
<< MT16 (γ,2n)	**MT17 (γ,3n) or MT5 (Pb205 production)**	MT37 (γ,4n) >>

Pb208 (γ,3n) log-log



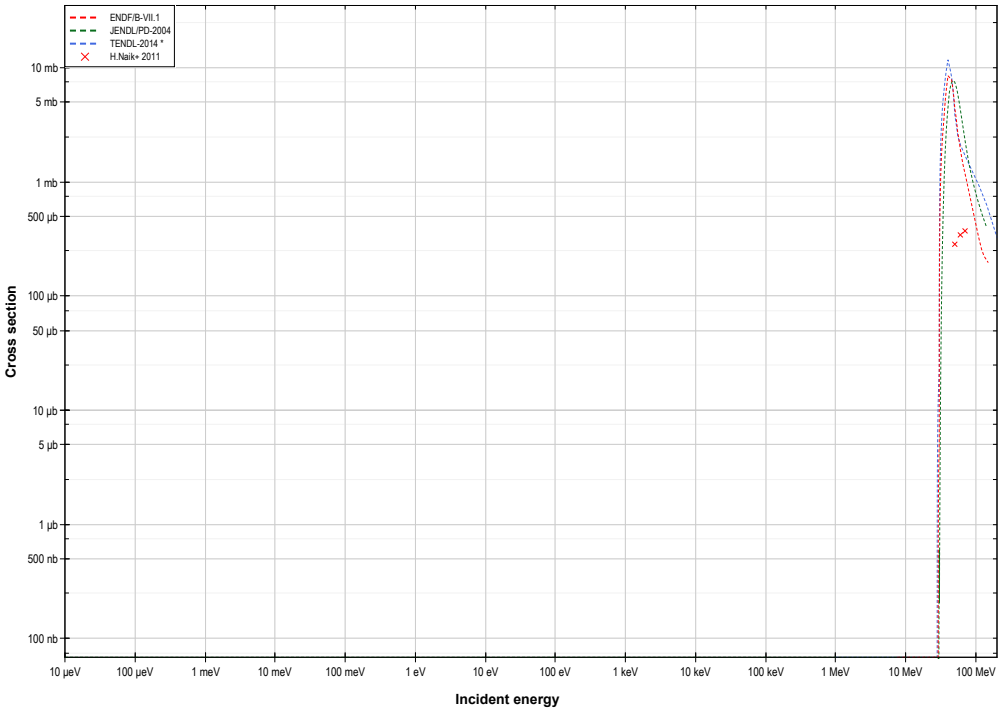
Pb208 (γ,3n) lin-log



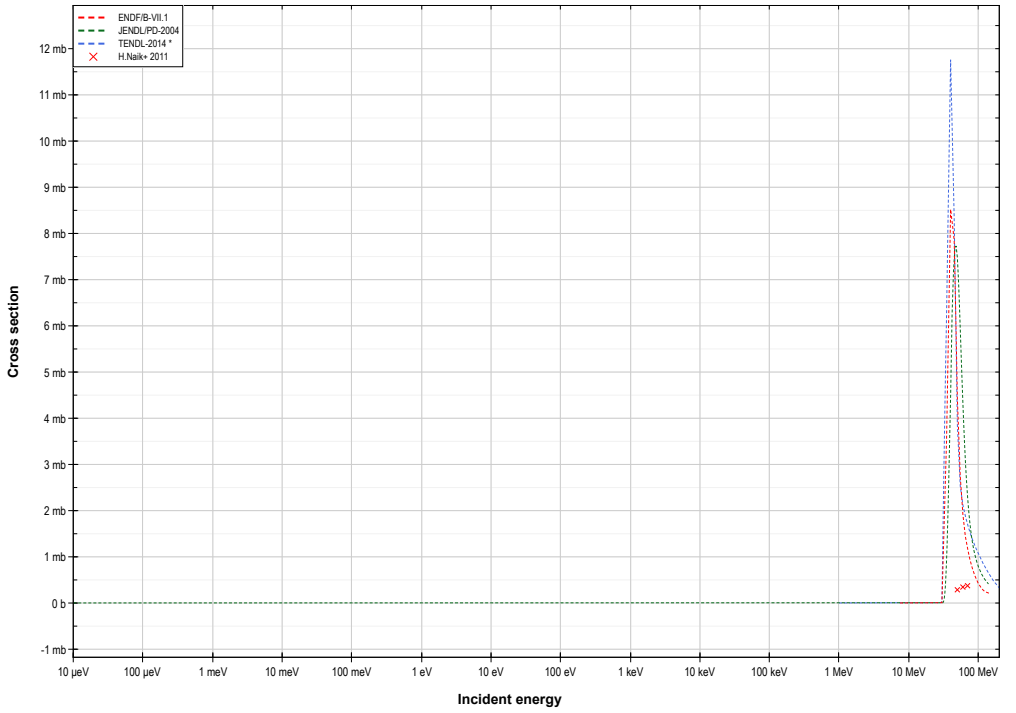
Reaction	Q-Value
Pb208(γ,3n)Pb205	-22192.35 keV

<< 41-Nb-93	**82-Pb-208**	83-Bi-209 >>
<< MT17 (γ,3n)	**MT37 (γ,4n) or MT5 (Pb204 production)**	MT152 (γ,5n) >>

Pb208 (γ,4n) log-log



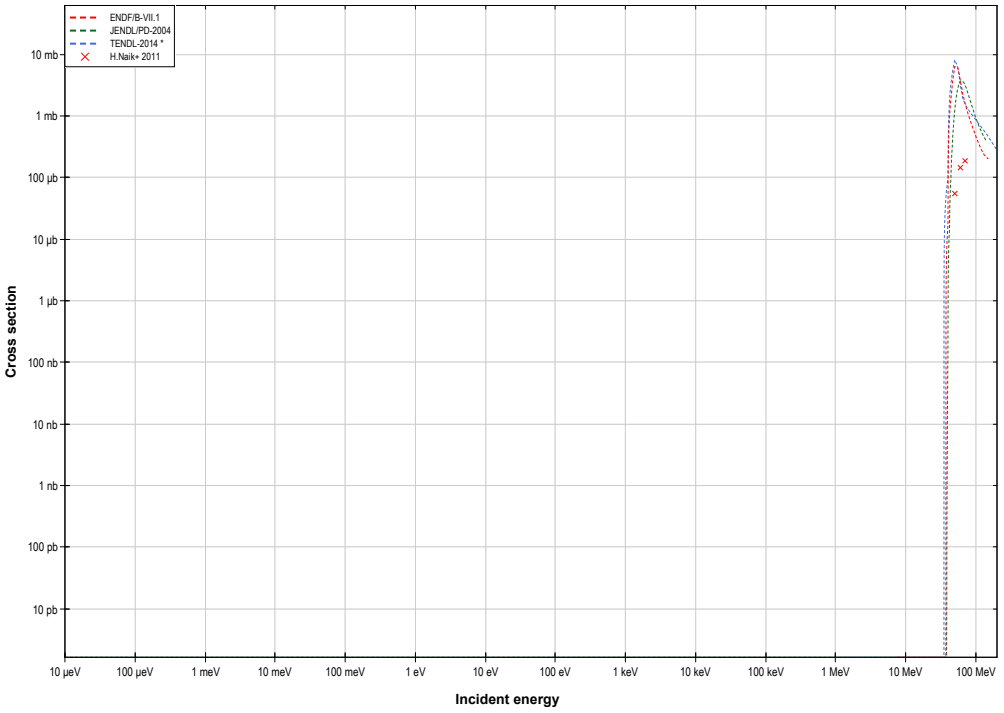
Pb208 (γ,4n) lin-log



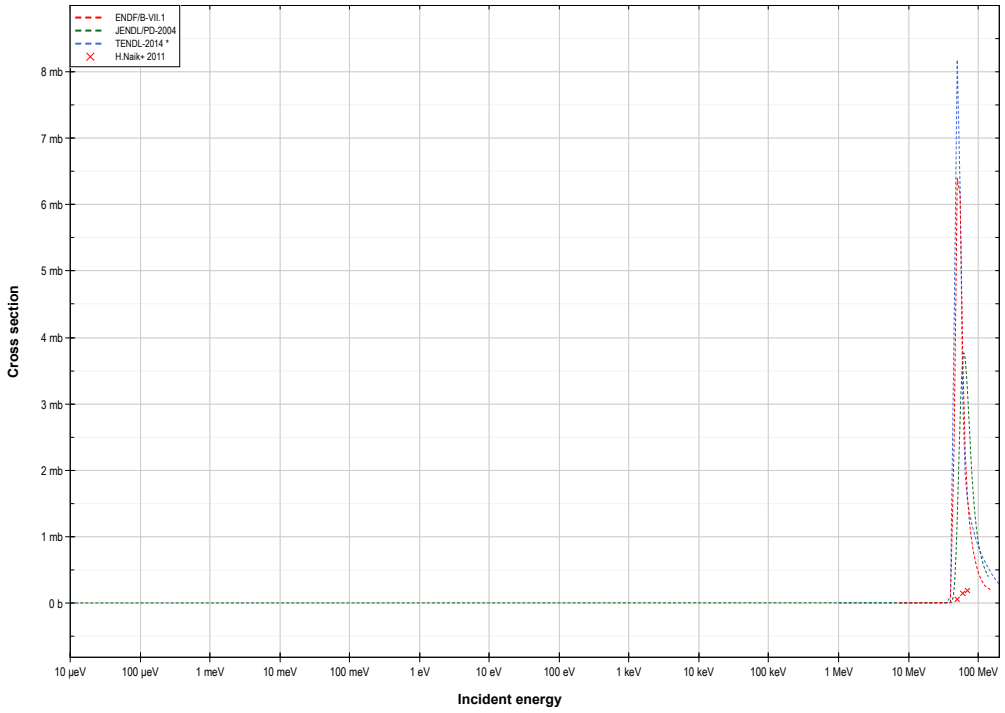
Reaction	Q-Value
Pb208(γ,4n)Pb204	-28924.07 keV

	82-Pb-208	83-Bi-209 >>
<< MT37 (γ,4n)	**MT152 (γ,5n) or MT5 (Pb203 production)**	MT153 (γ,6n) >>

Pb208 (γ,5n) log-log



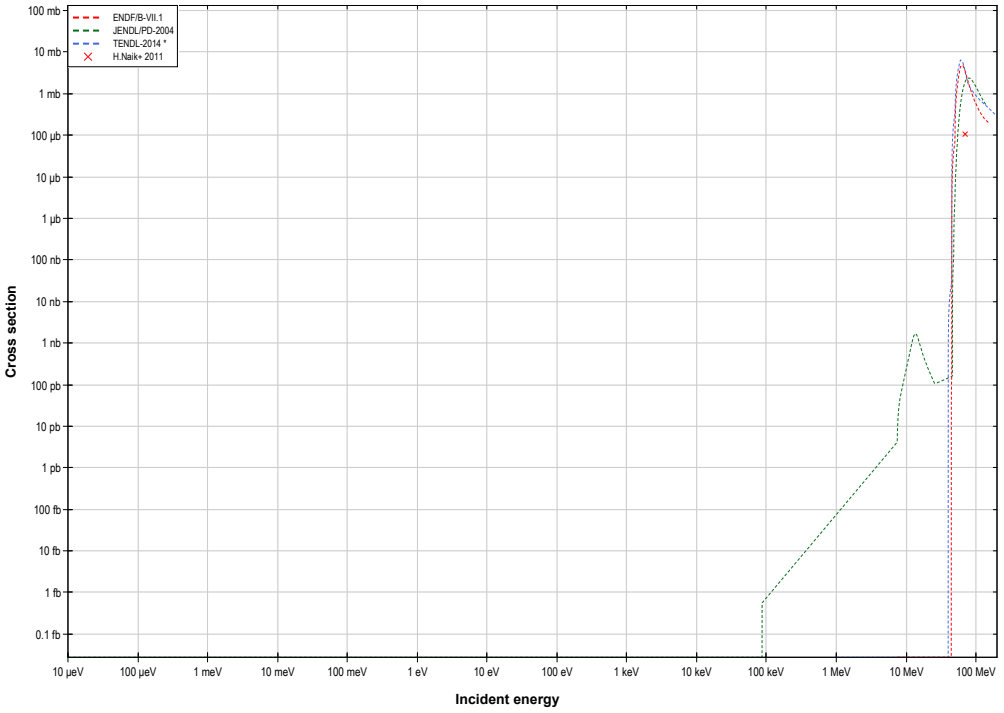
Pb208 (γ,5n) lin-log



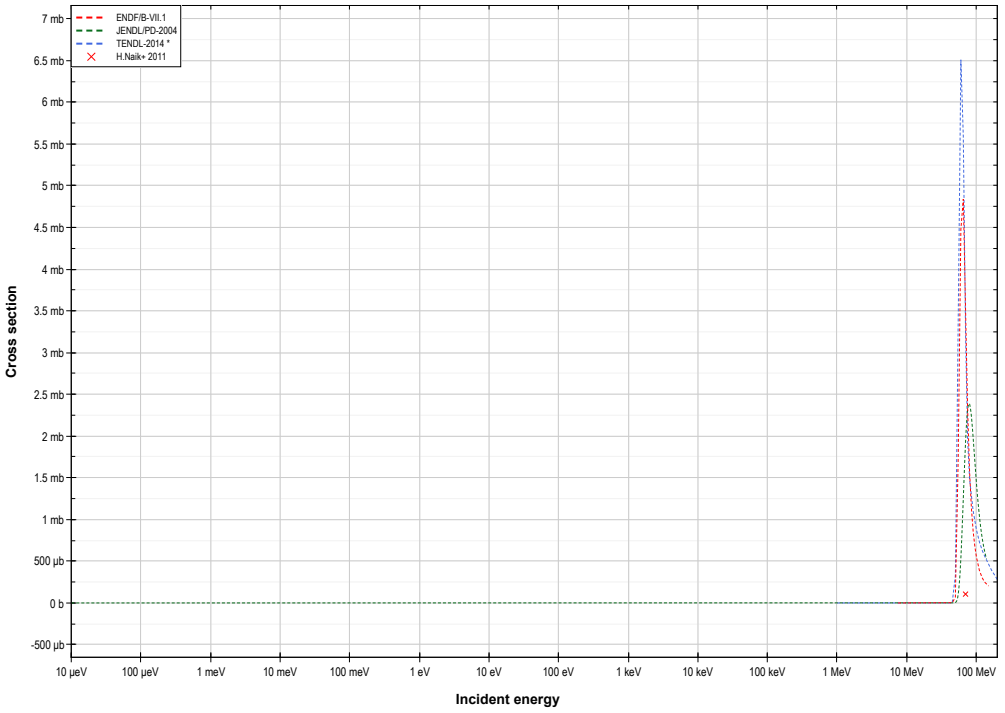
Reaction	Q-Value
Pb208(γ,5n)Pb203	-37318.09 keV

	82-Pb-208	83-Bi-209 >>
<< MT152 (γ,5n)	**MT153 (γ,6n) or MT5 (Pb202 production)**	83-Bi-209 MT4 (γ,n) >>

Pb208 (γ,6n) log-log



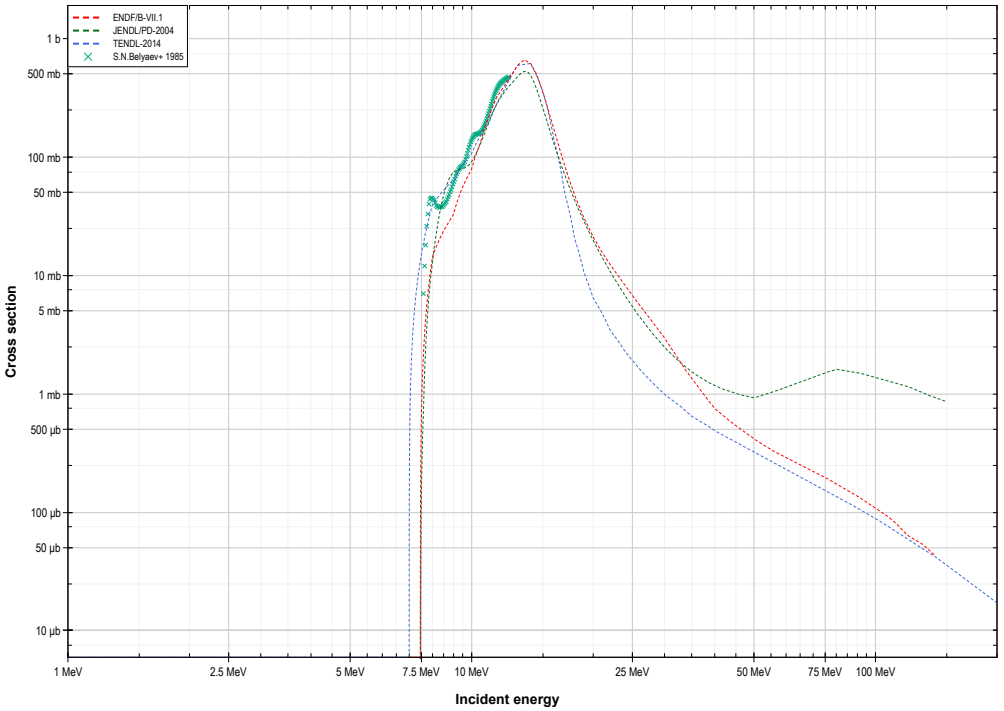
Pb208 (γ,6n) lin-log



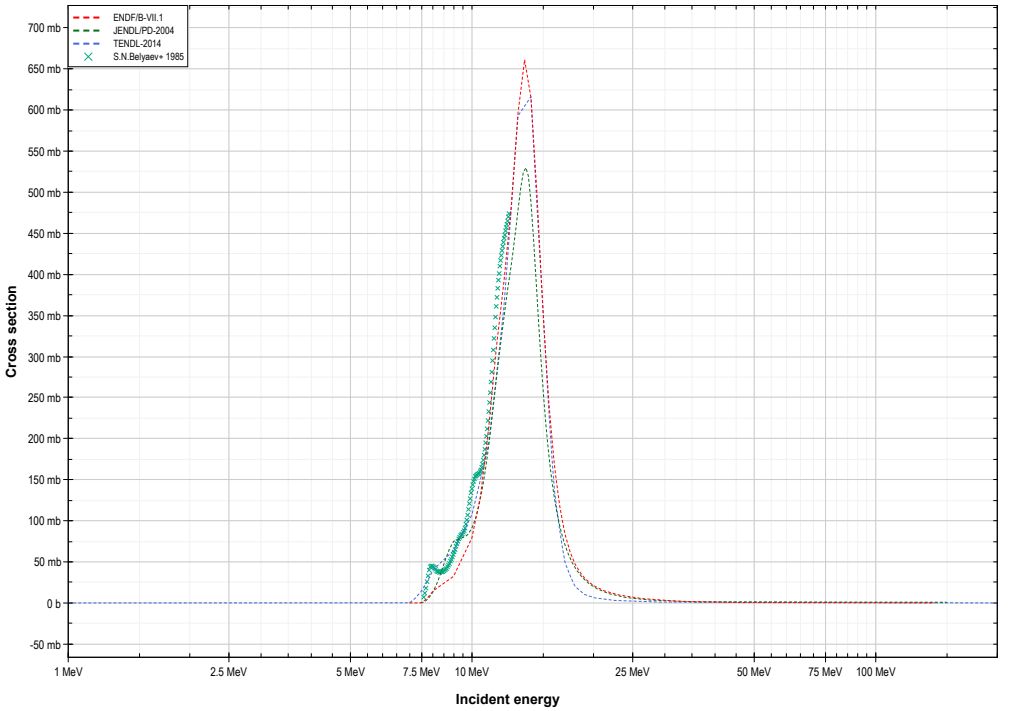
Reaction	Q-Value
Pb208(γ,6n)Pb202	-44242.40 keV

<< 82-Pb-208	**83-Bi-209**	90-Th-232 >>
<< 82-Pb-208 MT153 (γ,6n)	**MT4 (γ,n) or MT5 (Bi208 production)**	MT17 (γ,3n) >>

Bi209 (γ,n) log-log



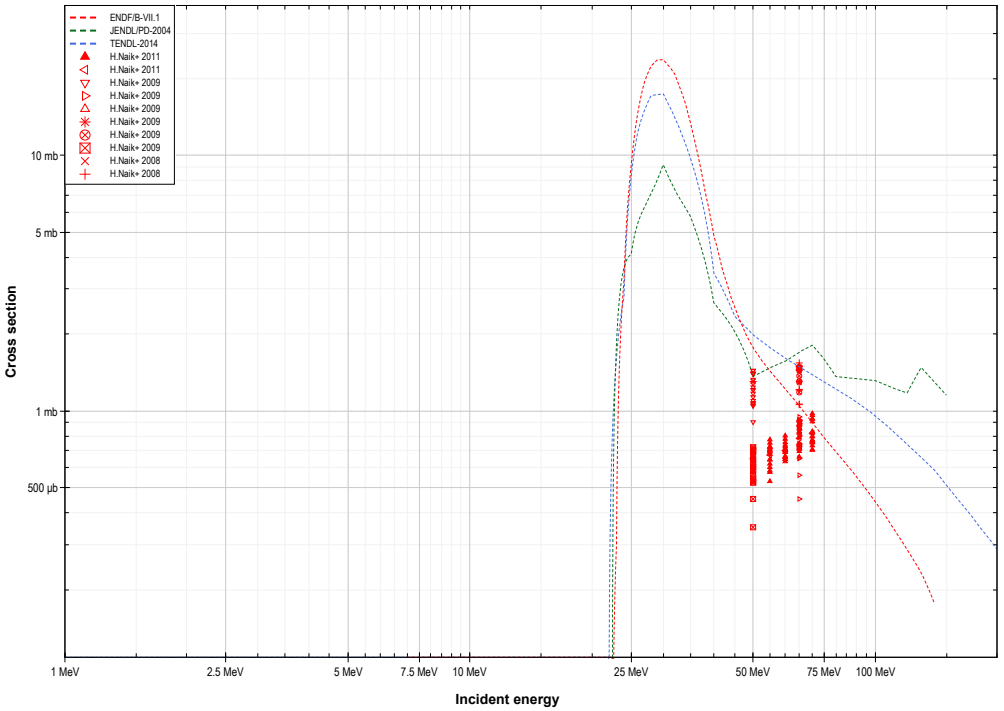
Bi209 (γ,n) lin-log



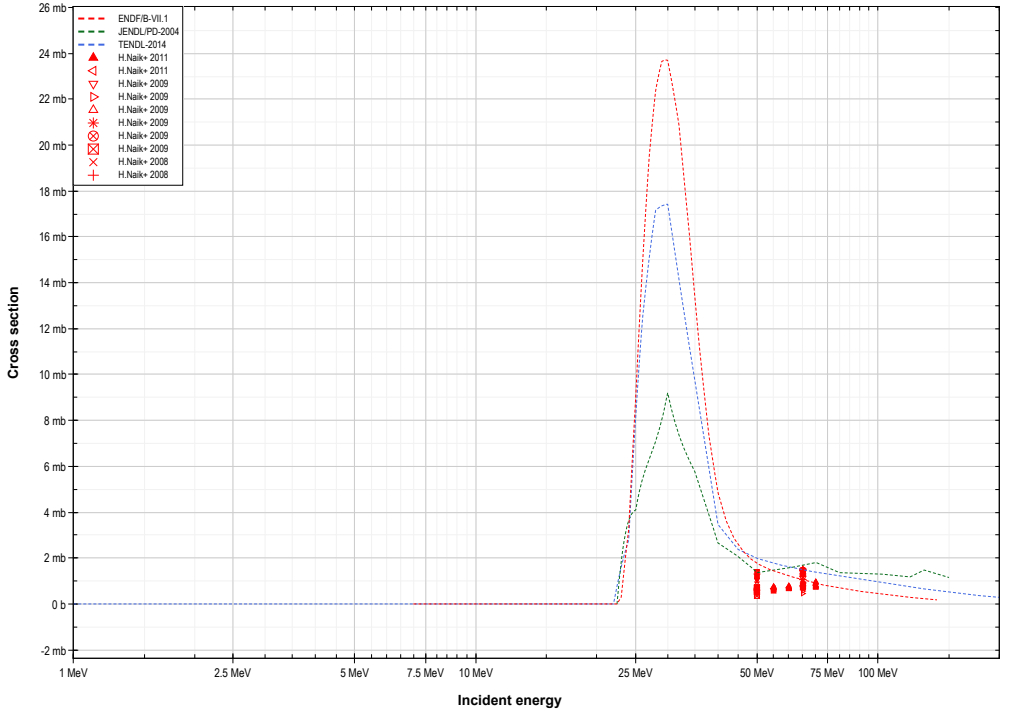
Reaction	Q-Value
Bi209(γ,n)Bi208	-7459.82 keV

<< 82-Pb-208	**83-Bi-209**	
<< MT4 (γ,n)	**MT17 (γ,3n) or MT5 (Bi206 production)**	MT18 (γ,fission) >>

Bi209 (γ,3n) log-log



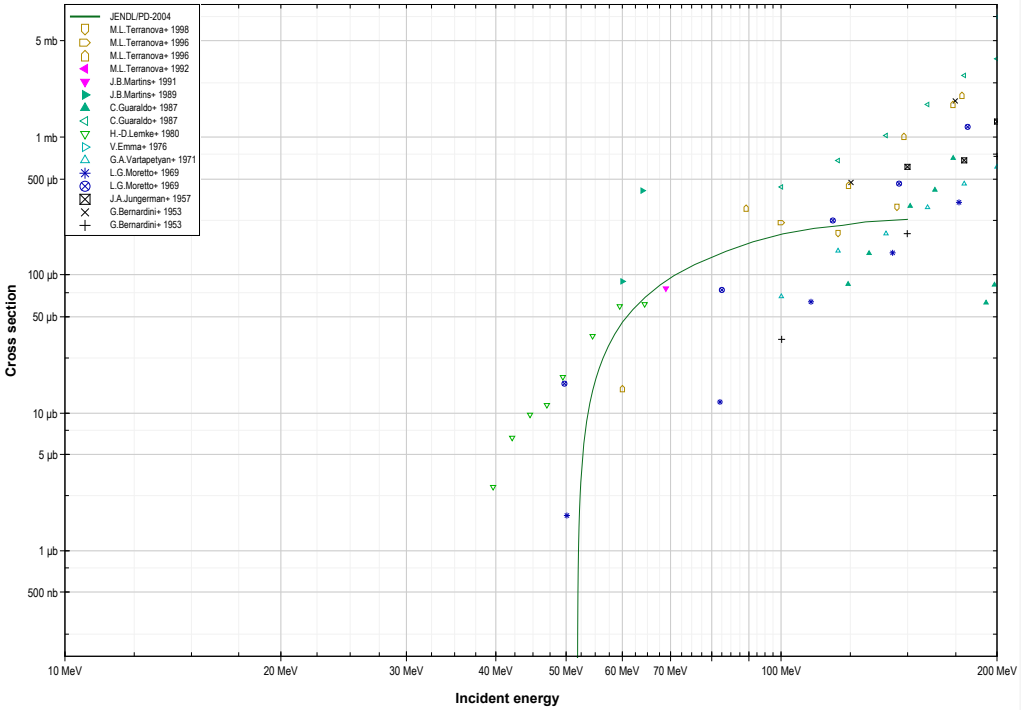
Bi209 (γ,3n) lin-log



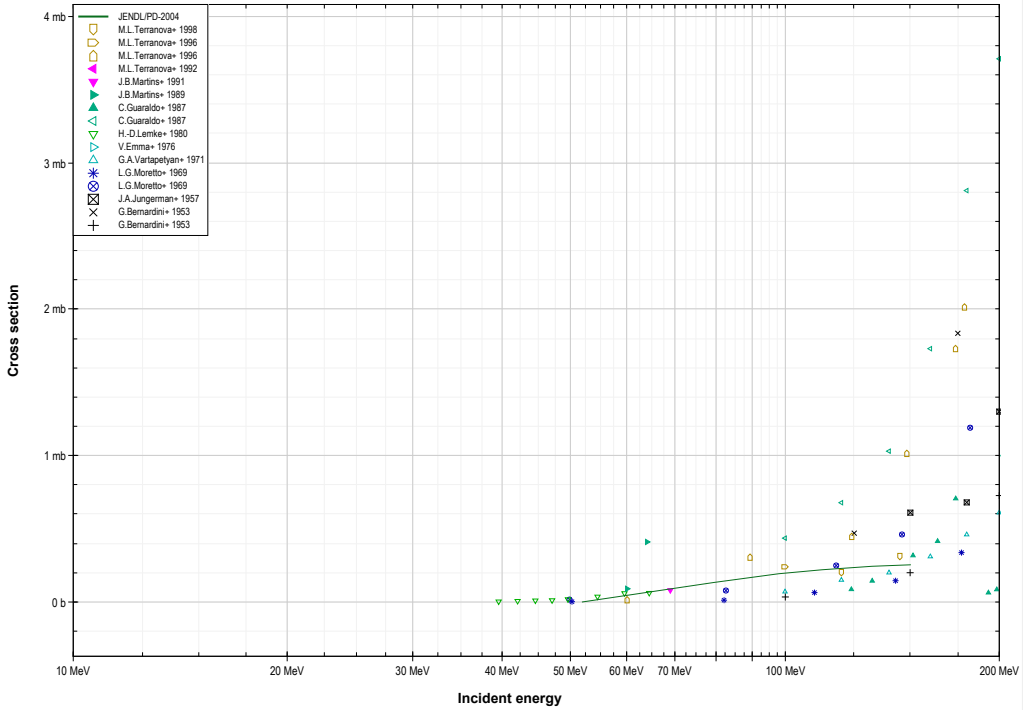
Reaction	Q-Value
Bi209(γ,3n)Bi206	-22444.45 keV

	83-Bi-209	90-Th-232 >>
<< MT17 (γ,3n)	**MT18 (γ,fission)**	MT37 (γ,4n) >>

Bi209 (γ,fission) log-log

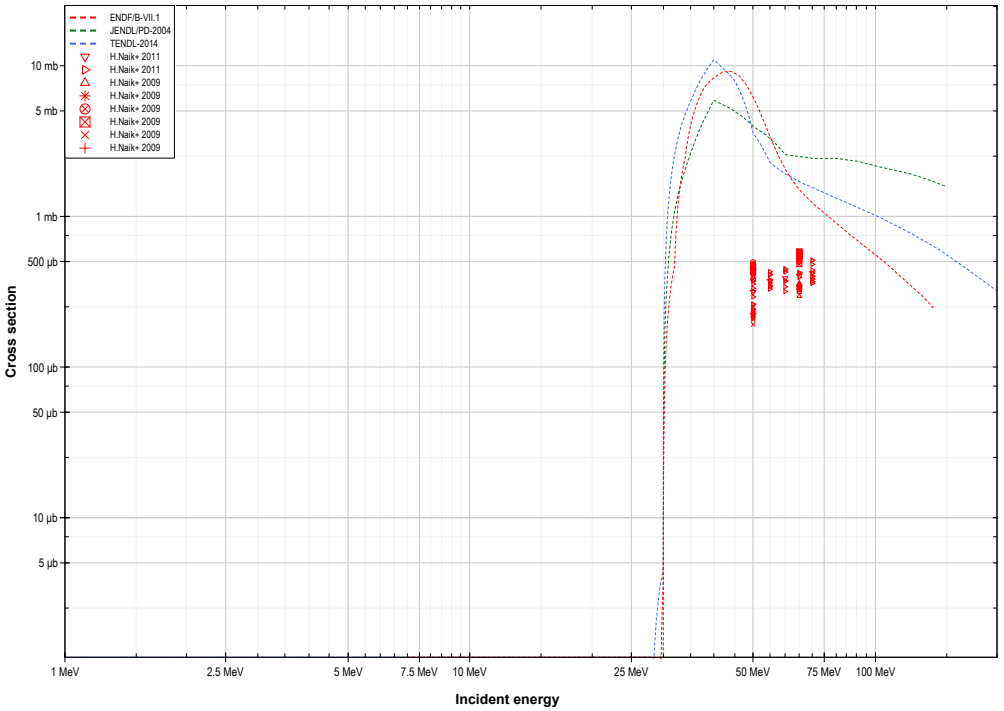


Bi209 (γ,fission) lin-log

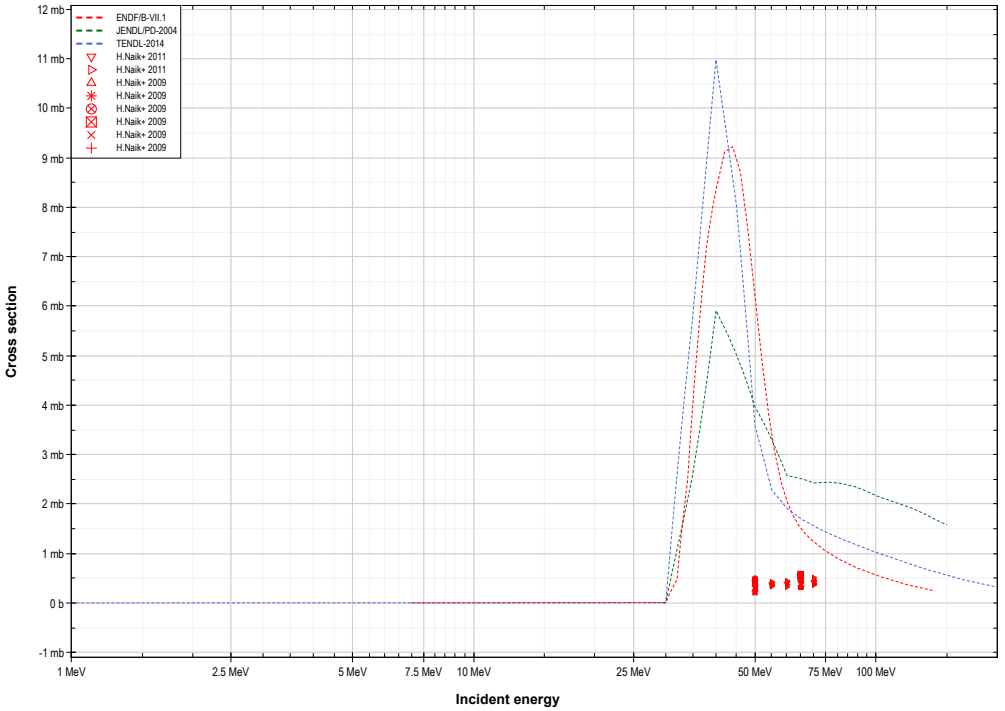


<< 82-Pb-208	**83-Bi-209**	
<< MT18 (γ,fission)	**MT37 (γ,4n) or MT5 (Bi205 production)**	MT152 (γ,5n) >>

Bi209 (γ,4n) log-log



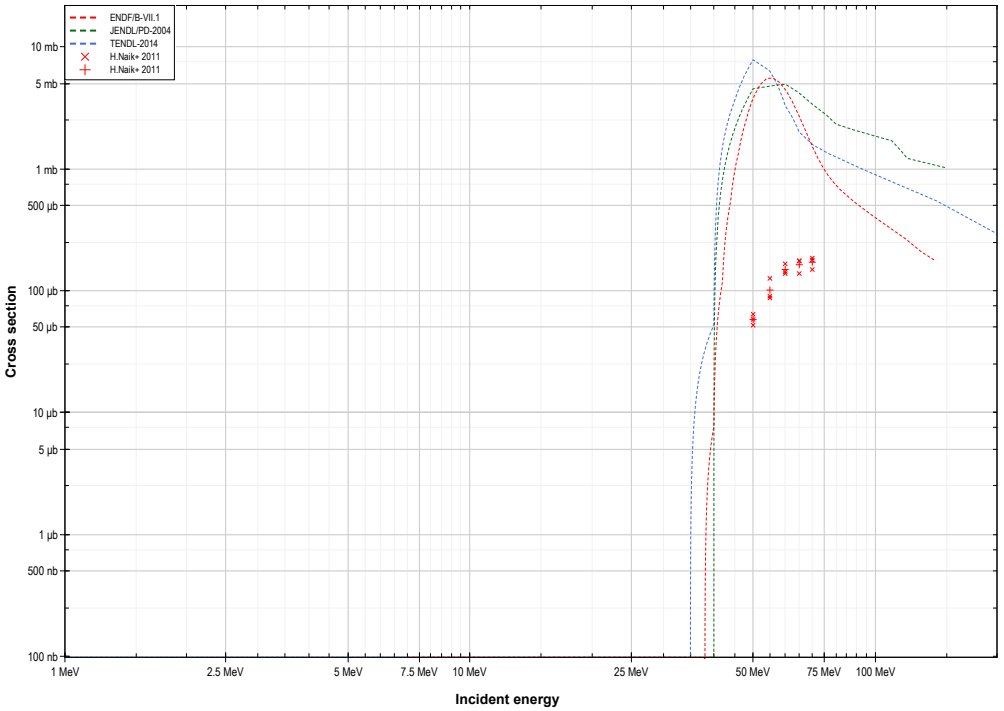
Bi209 (γ,4n) lin-log



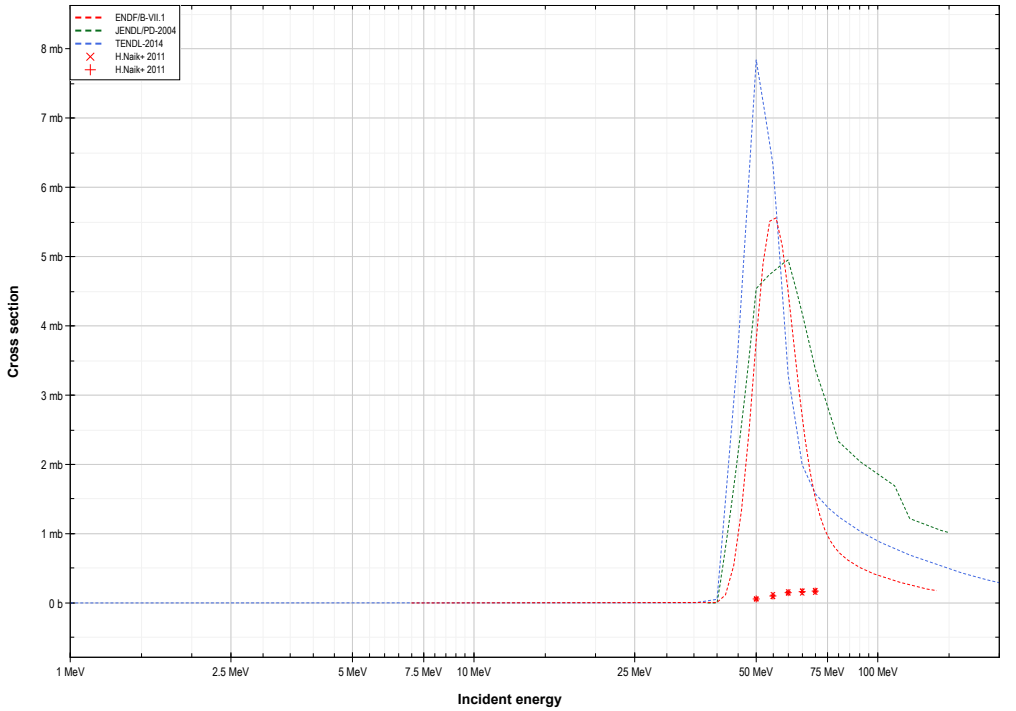
Reaction	Q-Value
Bi209(γ,4n)Bi205	-29481.77 keV

<< 82-Pb-208	**83-Bi-209**	
<< MT37 (γ,4n)	**MT152 (γ,5n) or MT5 (Bi204 production)**	MT153 (γ,6n) >>

Bi209 (γ,5n) log-log



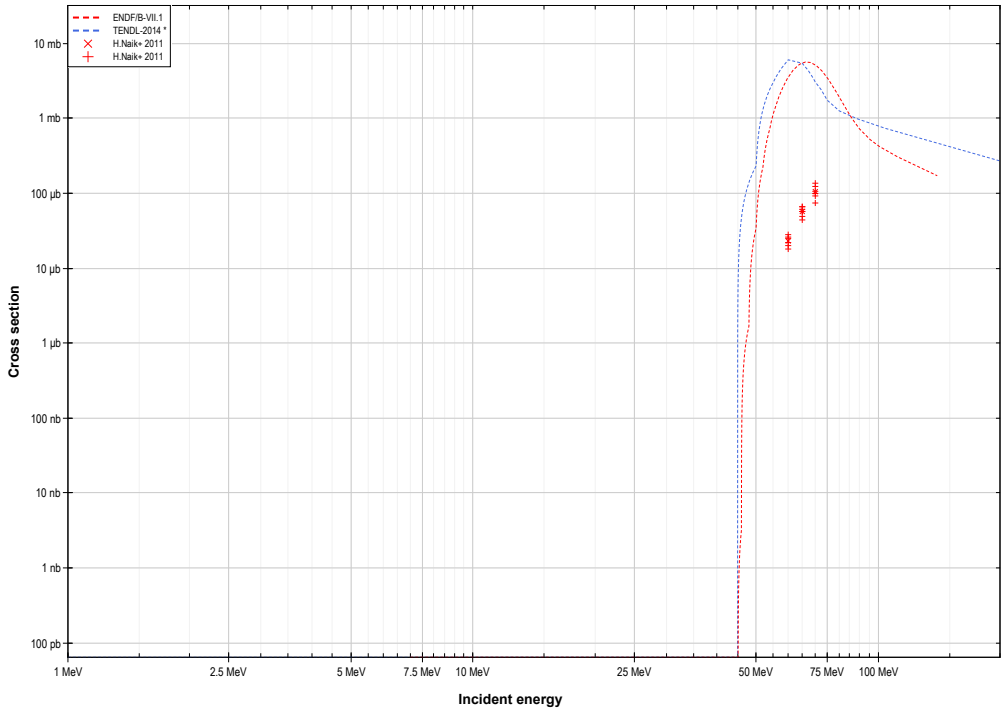
Bi209 (γ,5n) lin-log



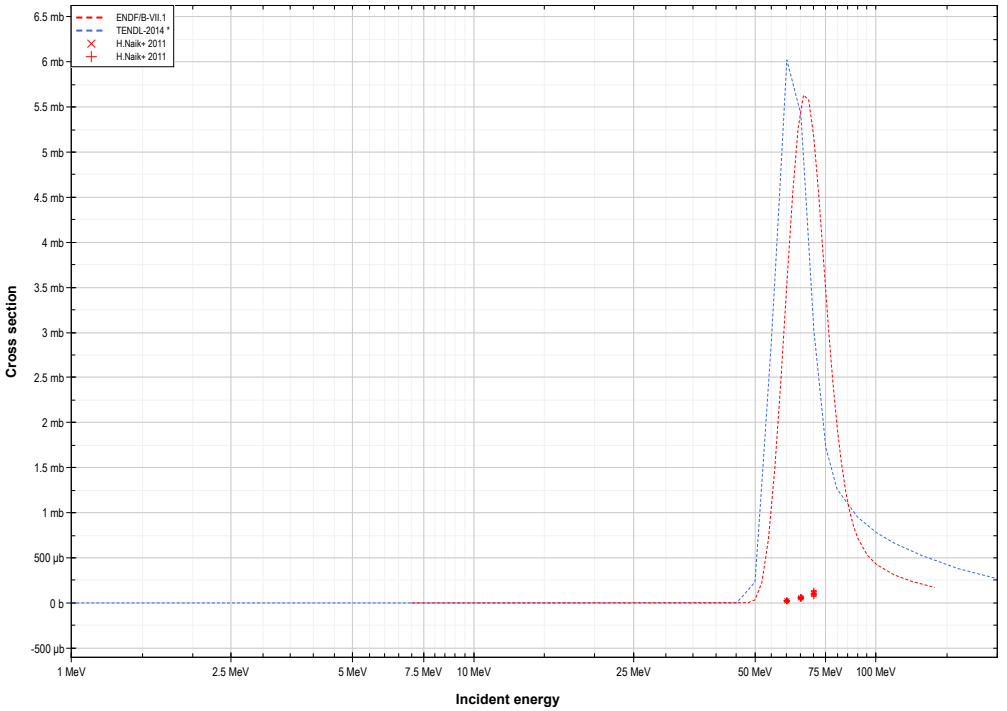
Reaction	Q-Value
Bi209(γ,5n)Bi204	-37948.09 keV

<< 82-Pb-208	**83-Bi-209**	
<< MT152 (γ,5n)	**MT153 (γ,6n) or MT5 (Bi203 production)**	90-Th-232 MT4 (γ,n) >>

Bi209 (γ,6n) log-log



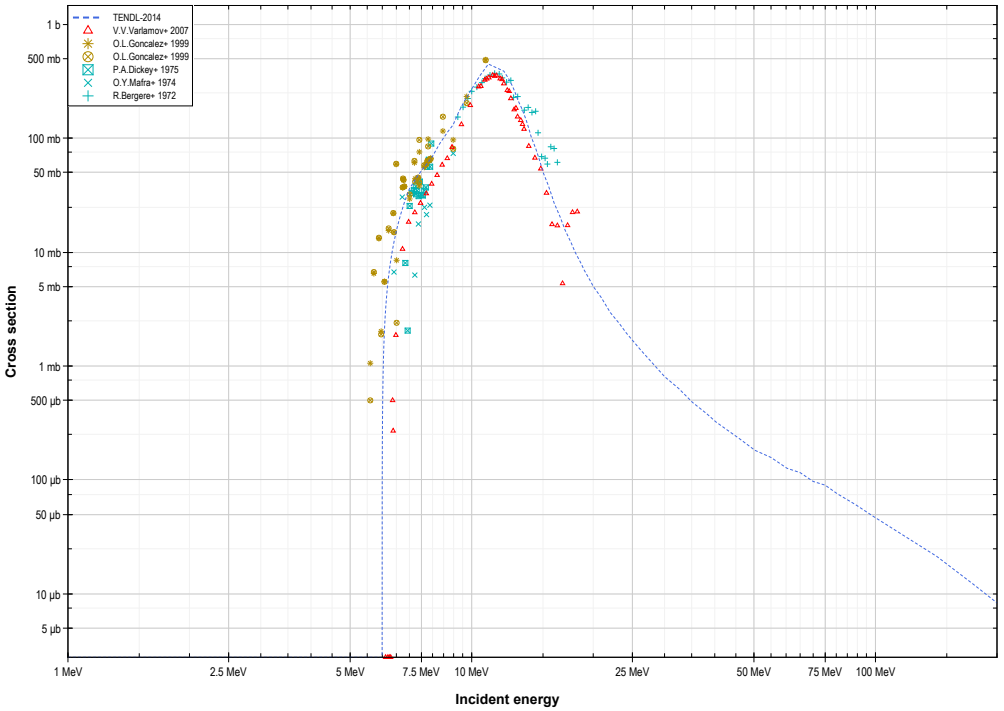
Bi209 (γ,6n) lin-log



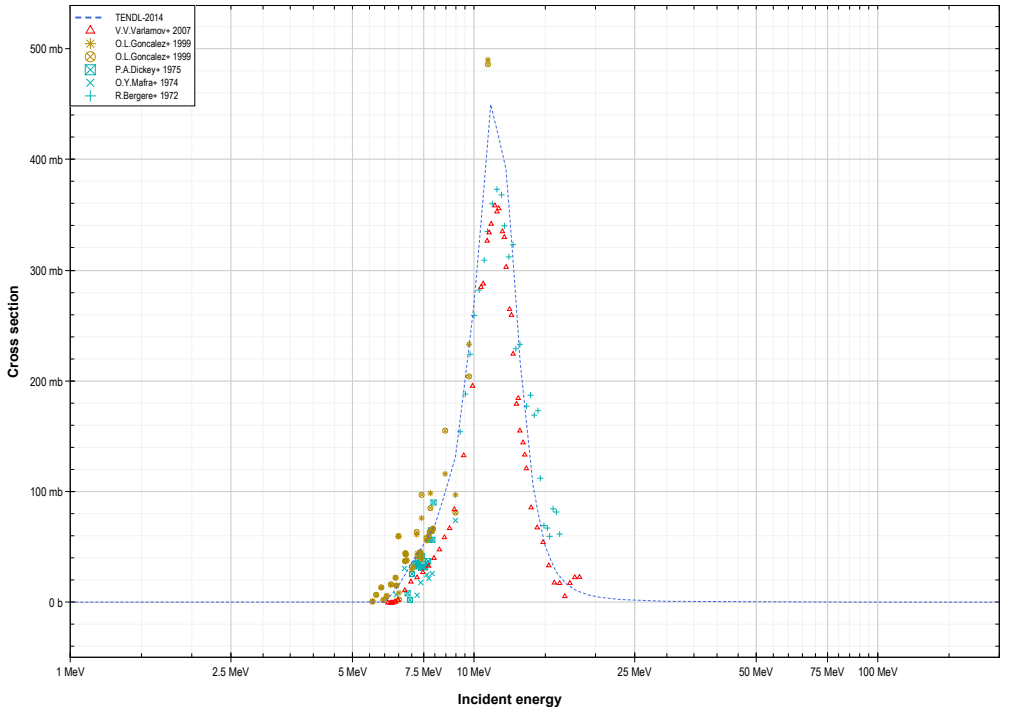
Reaction	Q-Value
Bi209(γ,6n)Bi203	-45146.40 keV

<< 83-Bi-209	**90-Th-232**	92-U-233 >>
<< 83-Bi-209 MT153 (γ,6n)	**MT4 (γ,n) or MT5 (Th231 production)**	MT16 (γ,2n) >>

Th232 (γ,n) log-log



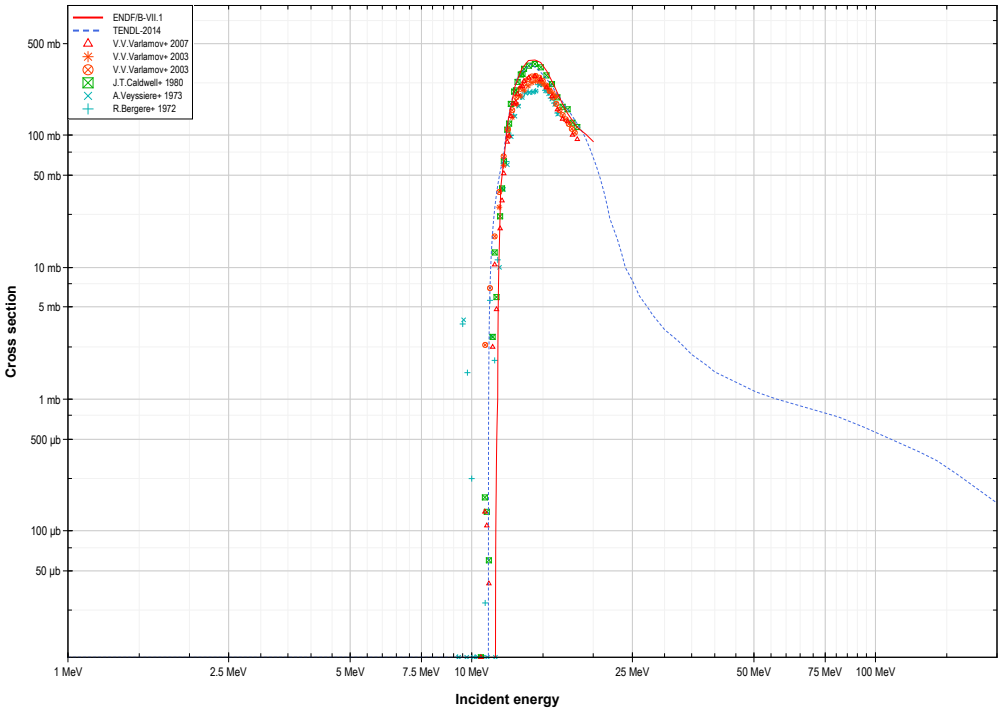
Th232 (γ,n) lin-log



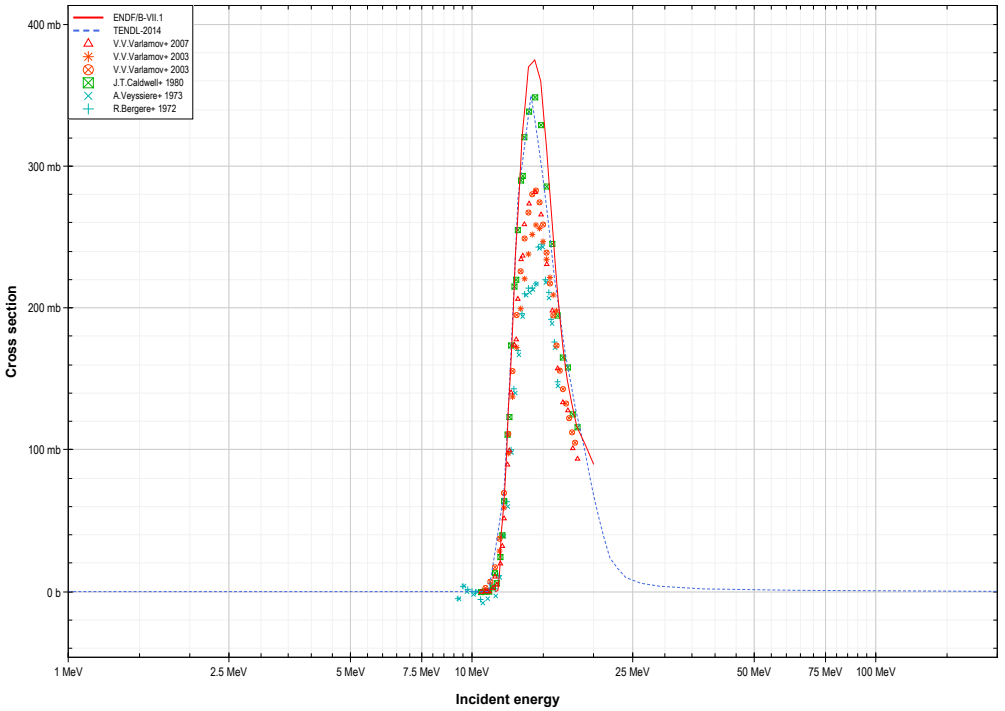
Reaction	Q-Value
Th232(γ,n)Th231	-6440.32 keV

<< 82-Pb-208	**90-Th-232**	92-U-235 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Th230 production)**	MT18 (γ,fission) >>

Th232 (γ,2n) log-log



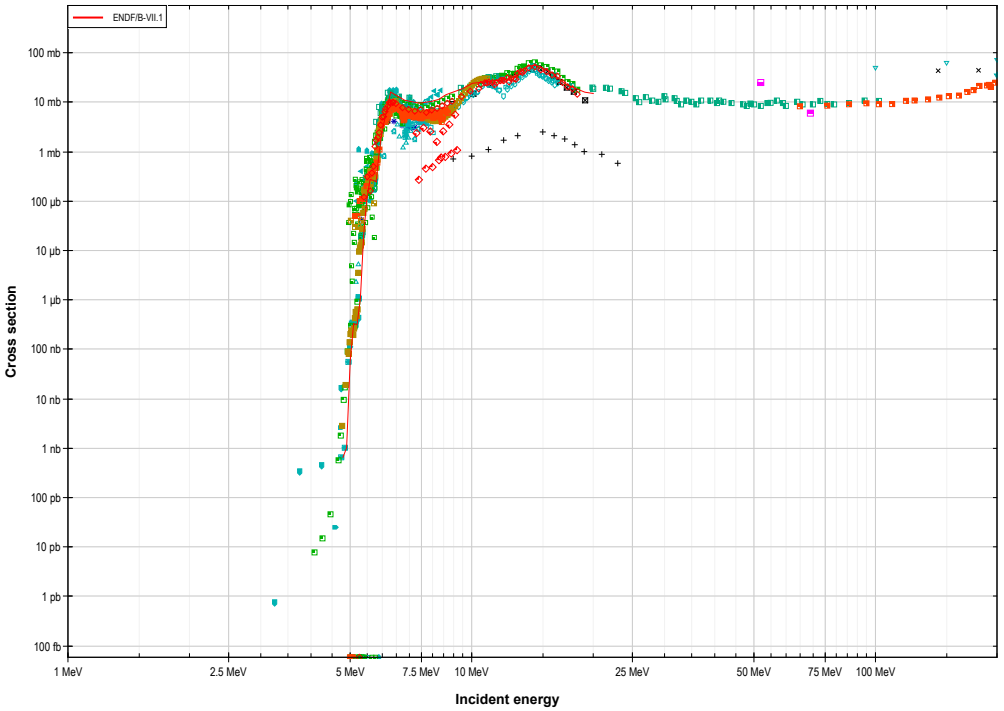
Th232 (γ,2n) lin-log



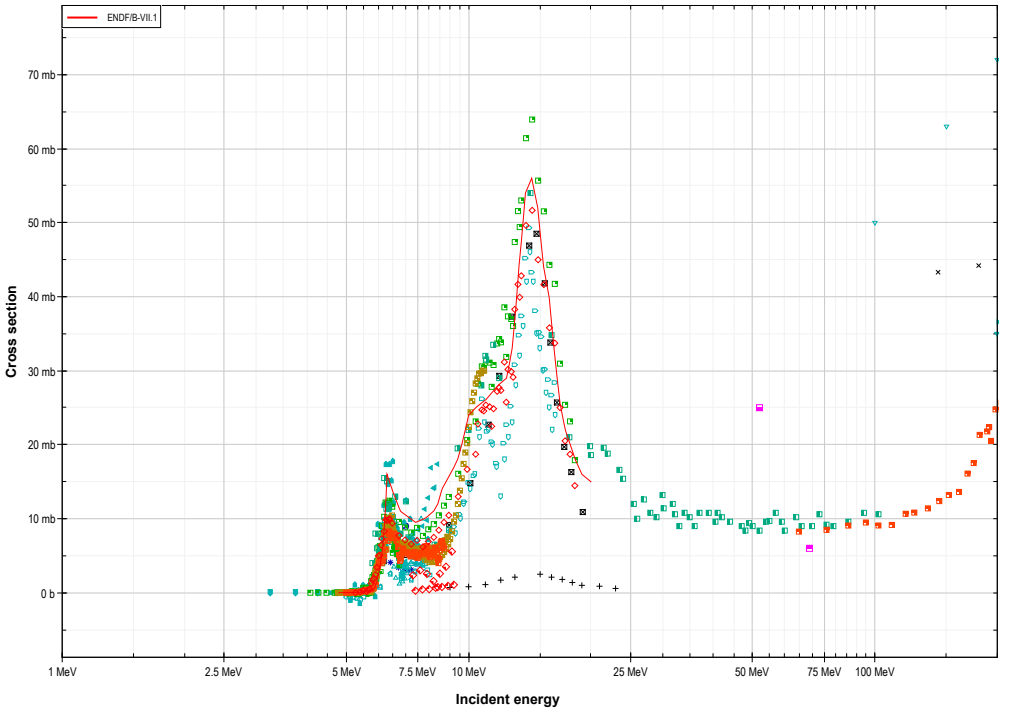
Reaction	Q-Value
Th232(γ,2n)Th230	-11558.33 keV

<< 83-Bi-209	**90-Th-232**	92-U-233 >>
<< MT16 (γ,2n)	**MT18 (γ,fission)**	92-U-233 MT4 (γ,n) >>

Th232 (γ,fission) log-log

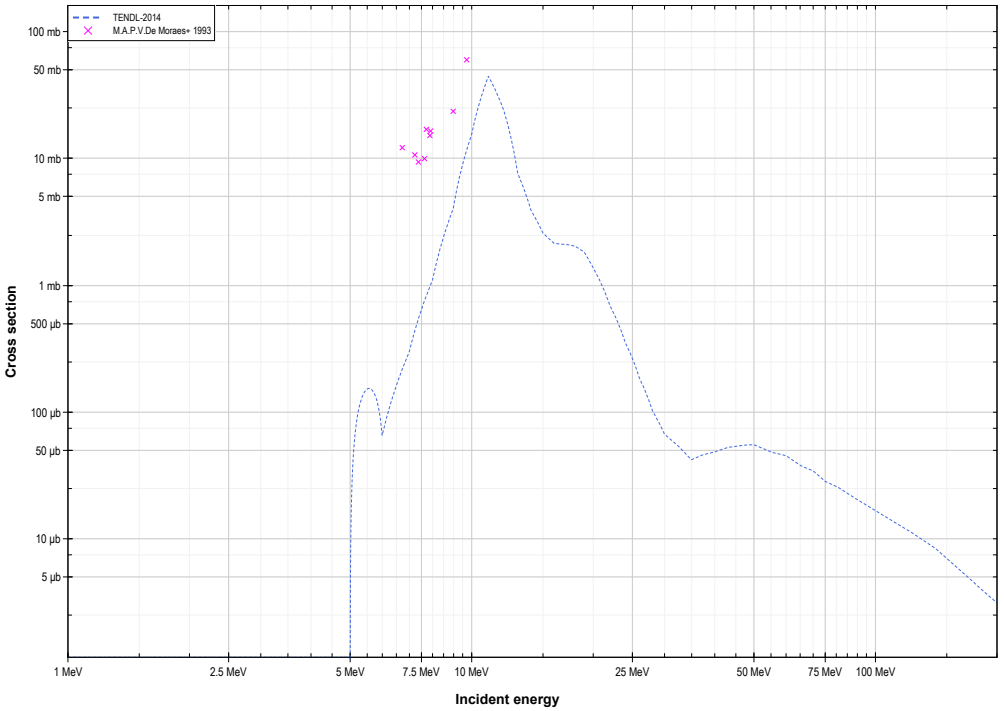


Th232 (γ,fission) lin-log

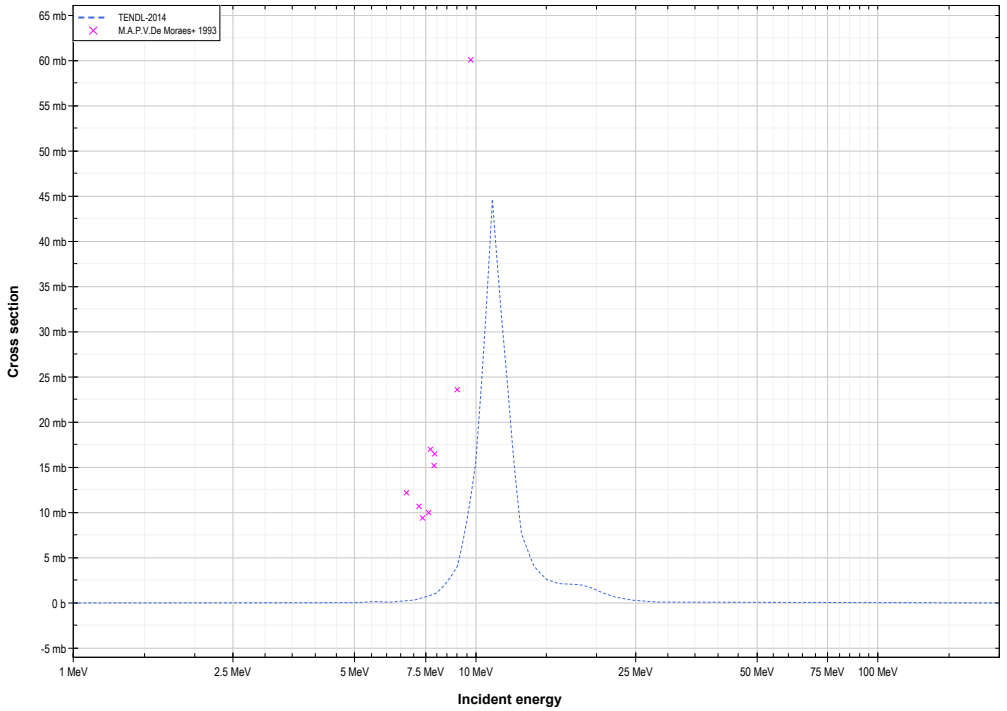


<< 90-Th-232	**92-U-233**	92-U-238 >>
<< 90-Th-232 MT18 (γ,fission)	**MT4 (γ,n) or MT5 (U232 production)**	MT18 (γ,fission) >>

U233 (γ,n) log-log



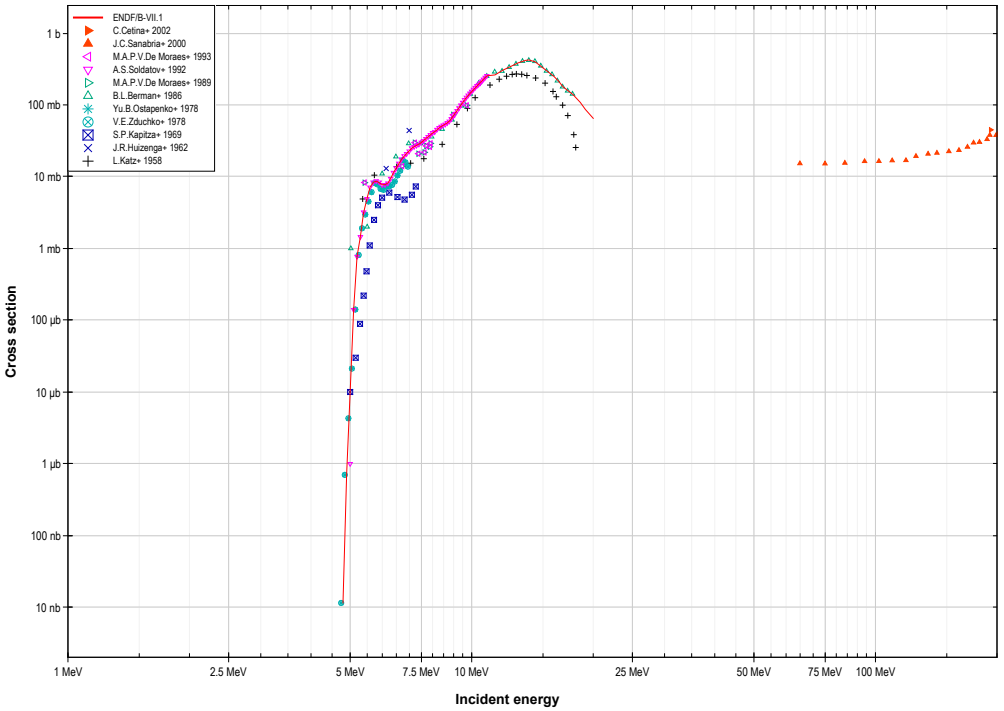
U233 (γ,n) lin-log



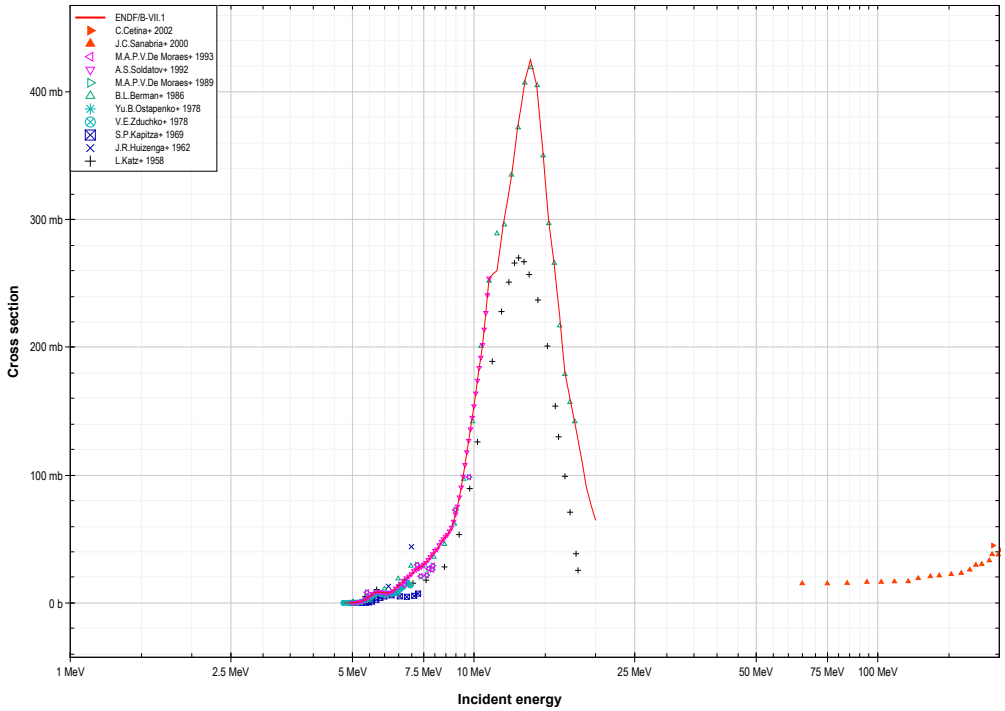
Reaction	Q-Value
U233(γ,n)U232	-5762.02 keV

<< 90-Th-232	**92-U-233**	92-U-234 >>
<< MT4 (γ,n)	**MT18 (γ,fission)**	92-U-234 MT18 (γ,fission) >>

U233 (γ,fission) log-log

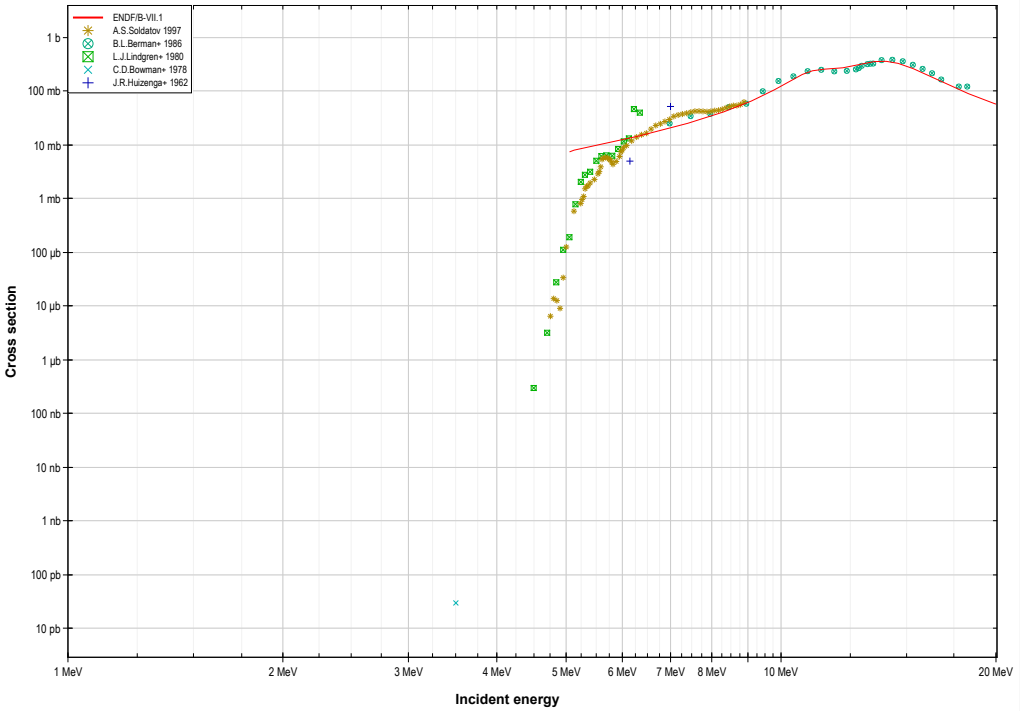


U233 (γ,fission) lin-log

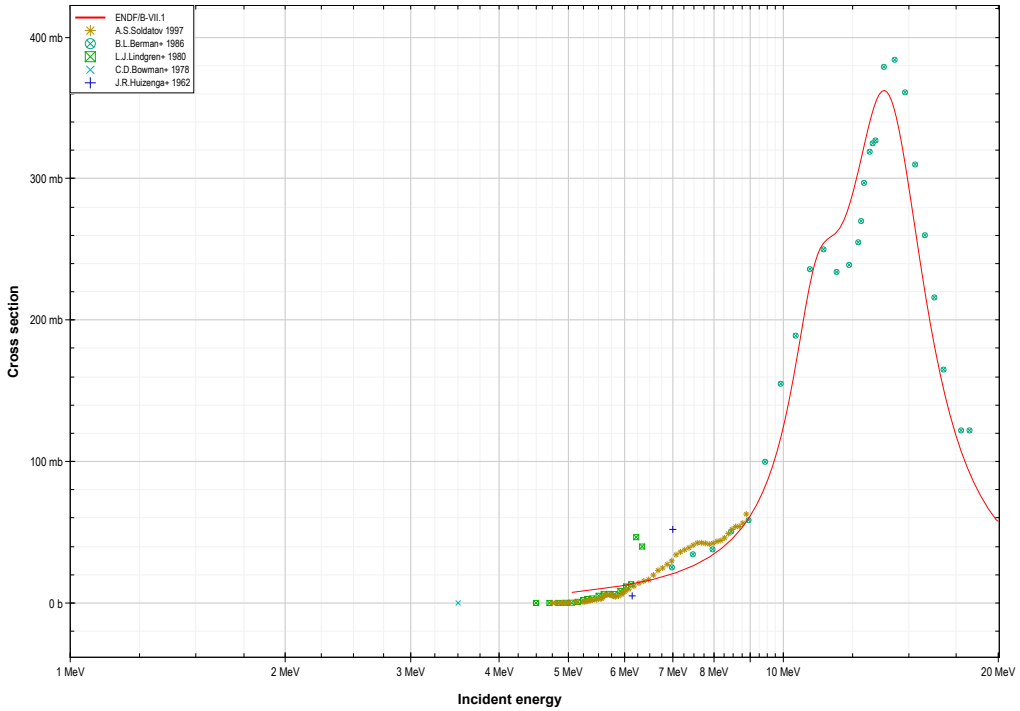


<< 92-U-233	**92-U-234**	92-U-235 >>
<< 92-U-233 MT18 (γ,fission)	**MT18 (γ,fission)**	92-U-235 MT16 (γ,2n) >>

U234 (γ,fission) log-log

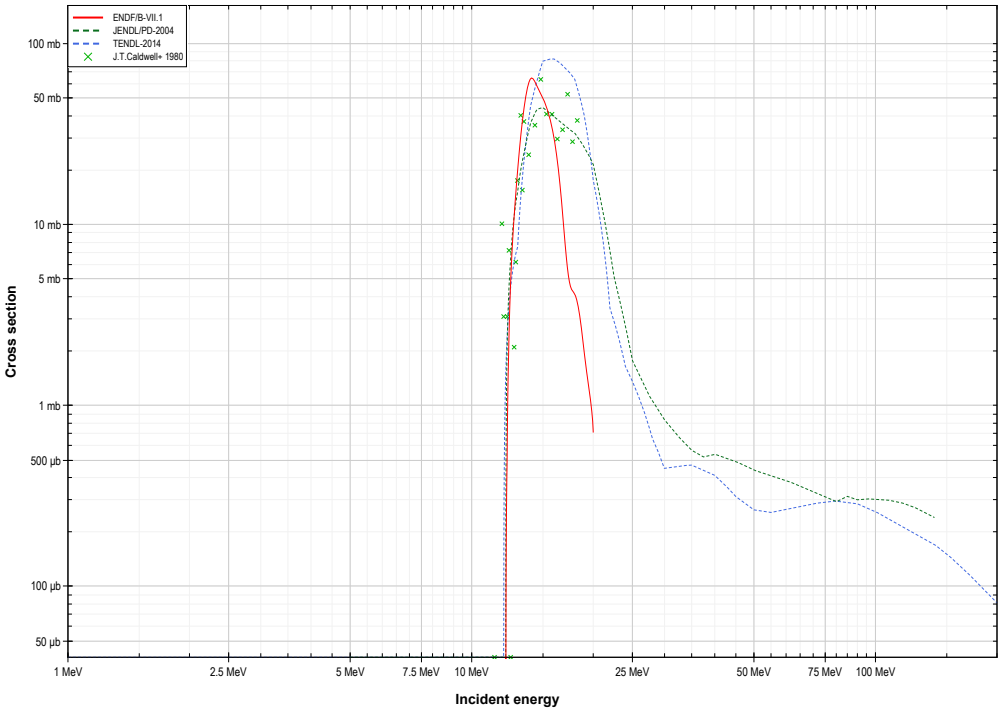


U234 (γ,fission) lin-log

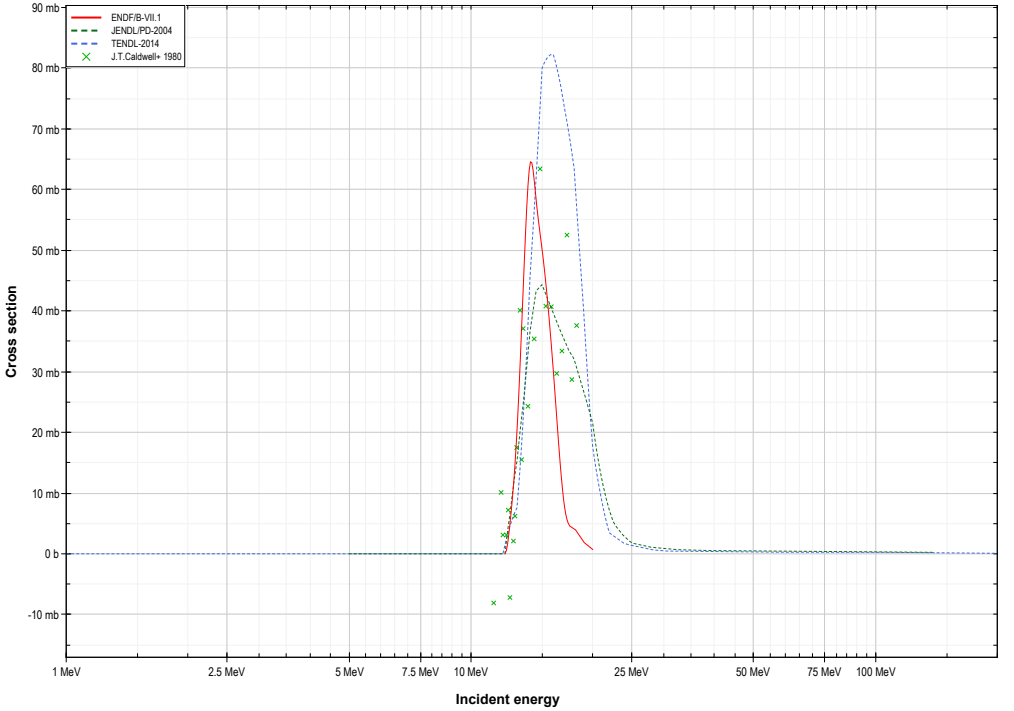


<< 90-Th-232	**92-U-235**	92-U-236 >>
<< 92-U-234 MT18 (γ,fission)	**MT16 (γ,2n) or MT5 (U233 production)**	MT18 (γ,fission) >>

U235 (γ,2n) log-log



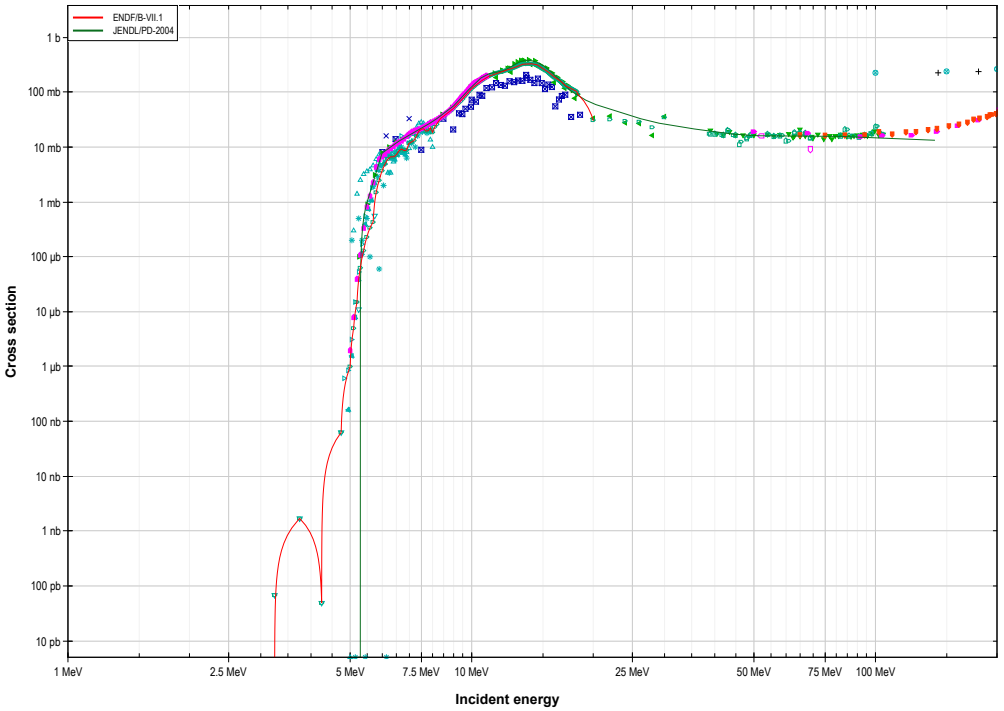
U235 (γ,2n) lin-log



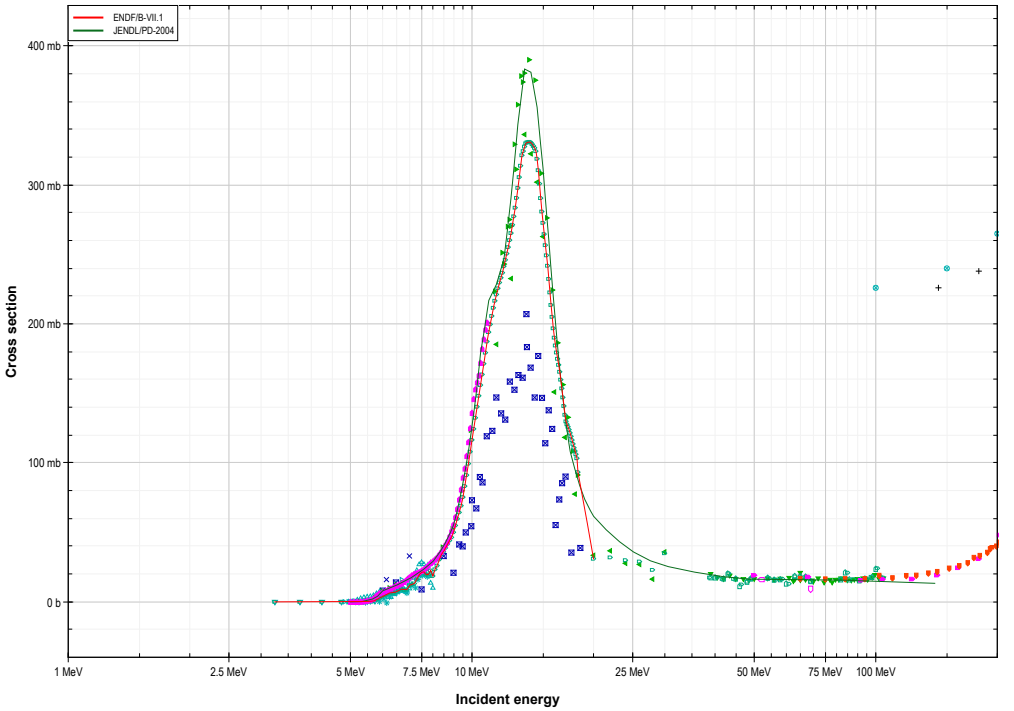
Reaction	Q-Value
U235(γ,2n)U233	-12142.13 keV

<< 92-U-234	**92-U-235**	92-U-236 >>
<< MT16 (γ,2n)	**MT18 (γ,fission)**	92-U-236 MT16 (γ,2n) >>

U235 (γ,fission) log-log

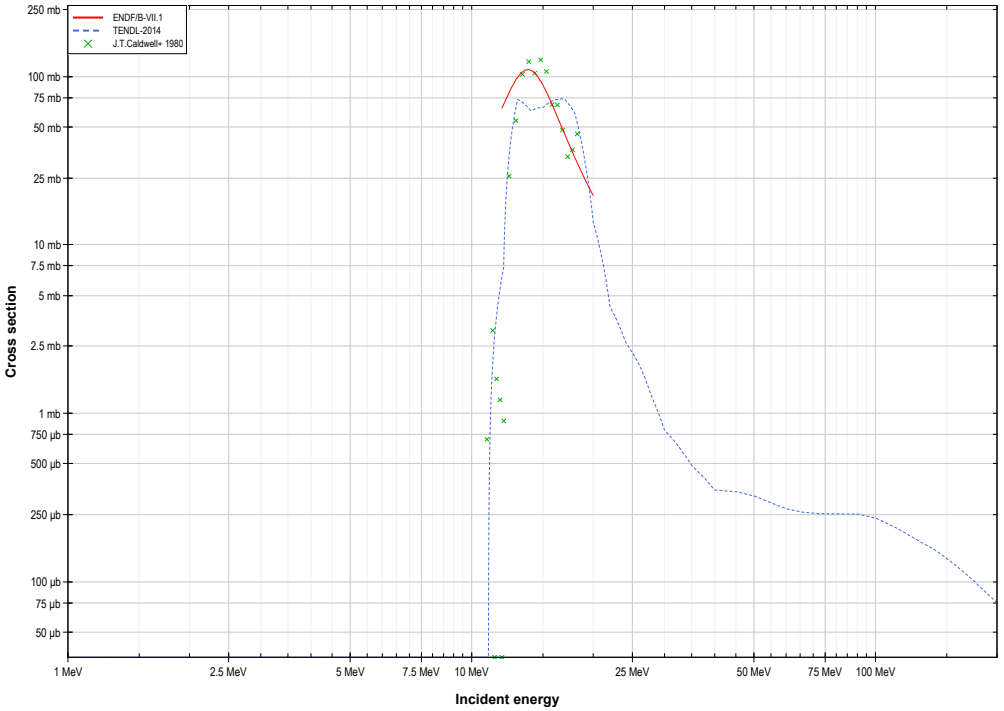


U235 (γ,fission) lin-log

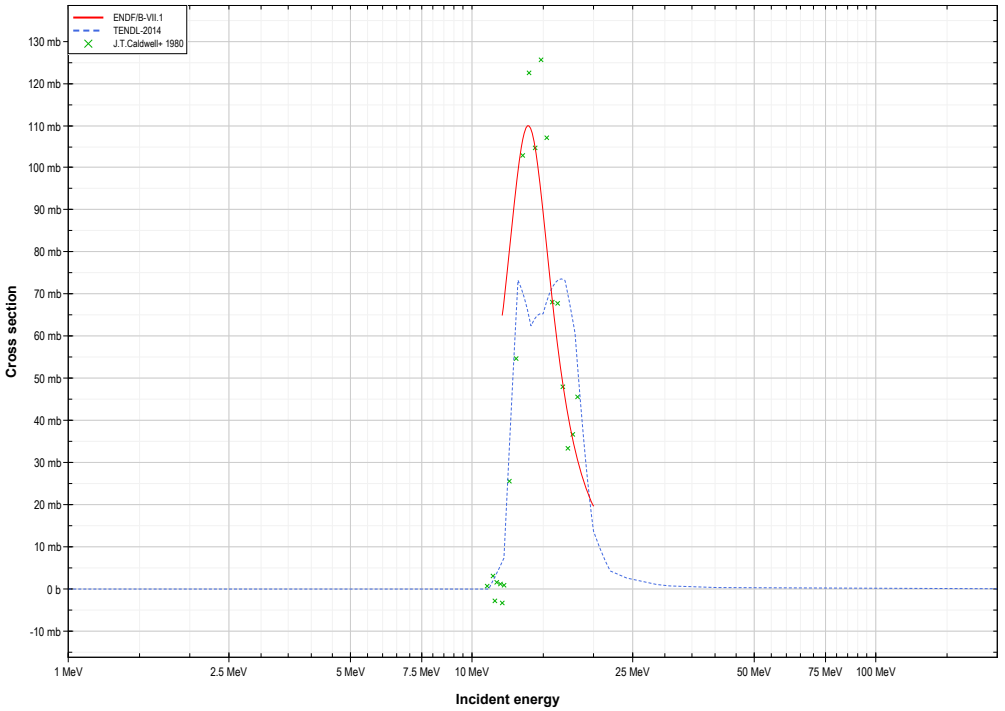


<< 92-U-235	**92-U-236**	92-U-238 >>
<< 92-U-235 MT18 (γ,fission)	**MT16 (γ,2n) or MT5 (U234 production)**	MT18 (γ,fission) >>

U236 (γ,2n) log-log



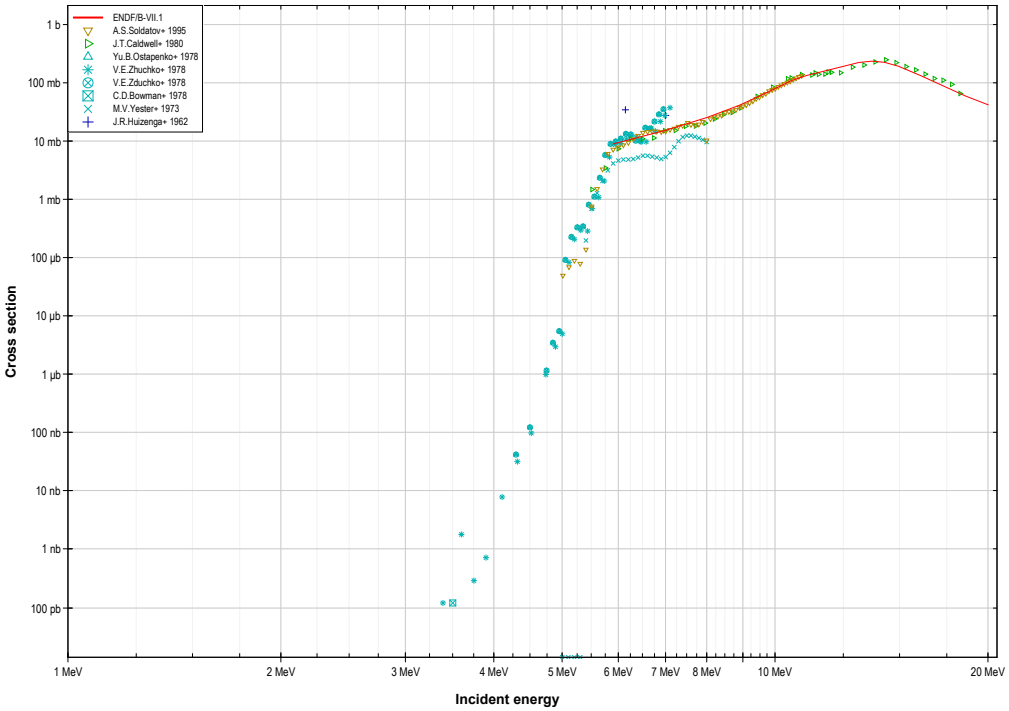
U236 (γ,2n) lin-log



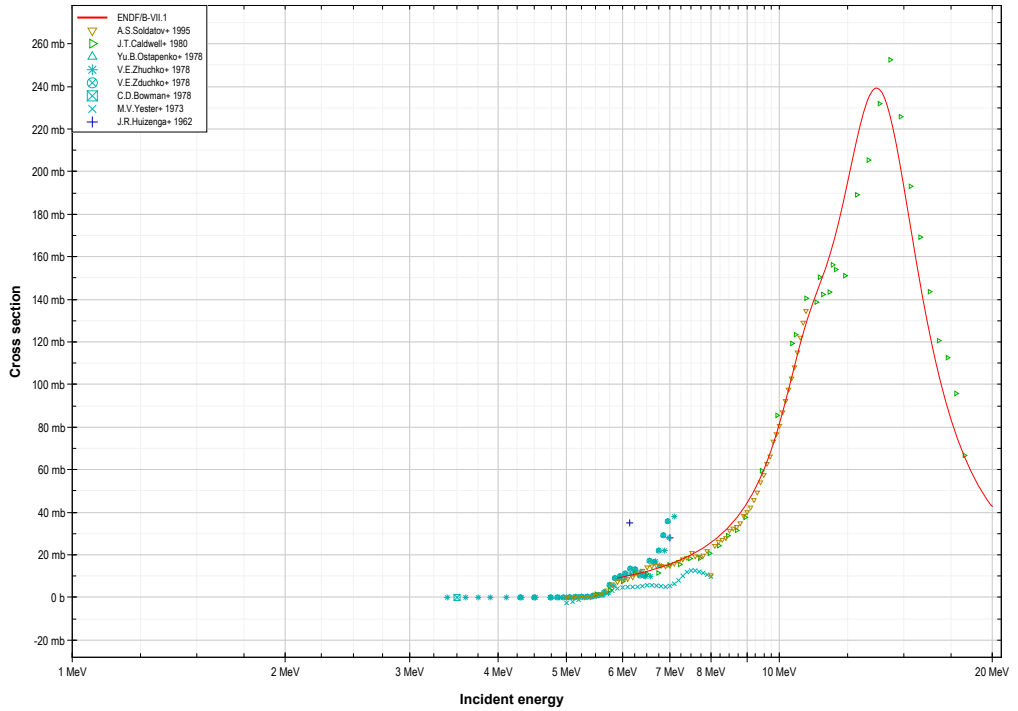
Reaction	Q-Value
U236(γ,2n)U234	-11842.93 keV

<< 92-U-235	**92-U-236**	92-U-238 >>
<< MT16 (γ,2n)	**MT18 (γ,fission)**	92-U-238 MT4 (γ,n) >>

U236 (γ,fission) log-log

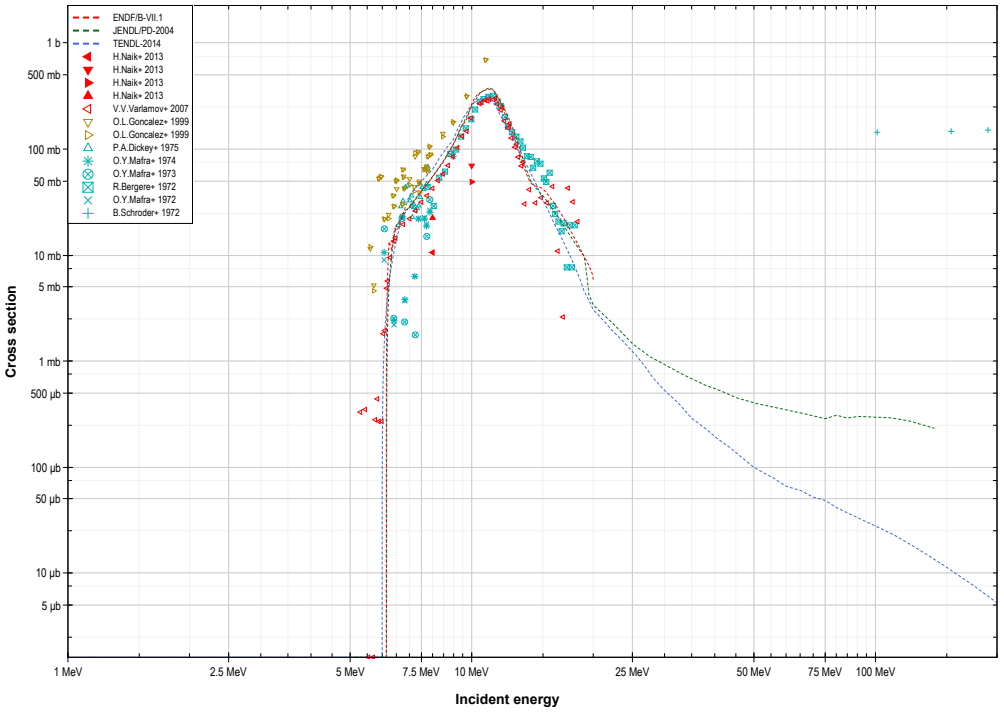


U236 (γ,fission) lin-log

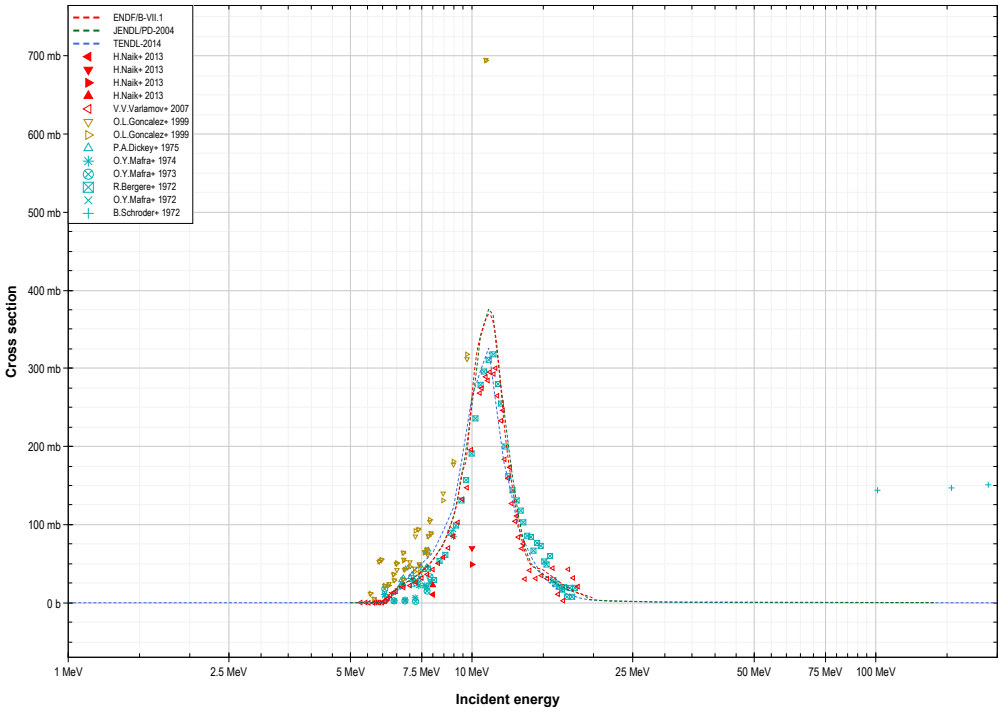


<< 92-U-233	**92-U-238**	93-Np-237 >>
<< 92-U-236 MT18 (γ,fission)	**MT4 (γ,n) or MT5 (U237 production)**	MT16 (γ,2n) >>

U238 (γ,n) log-log



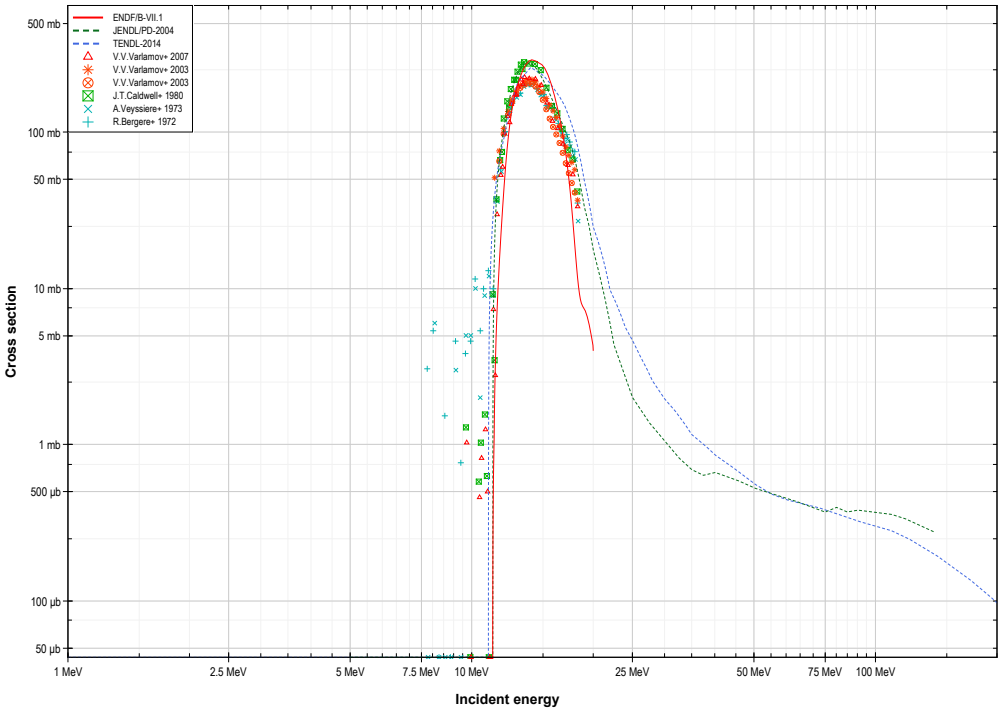
U238 (γ,n) lin-log



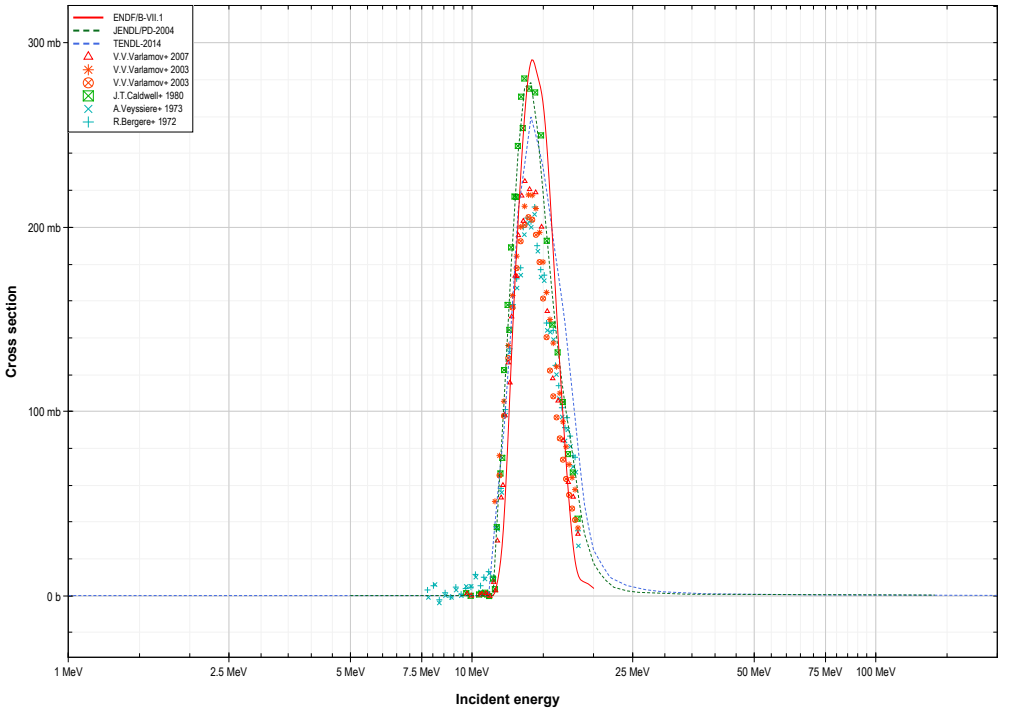
Reaction	Q-Value
U238(γ,n)U237	-6154.32 keV

<< 92-U-236	**92-U-238**	93-Np-237 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (U236 production)**	MT18 (γ,fission) >>

U238 (γ,2n) log-log



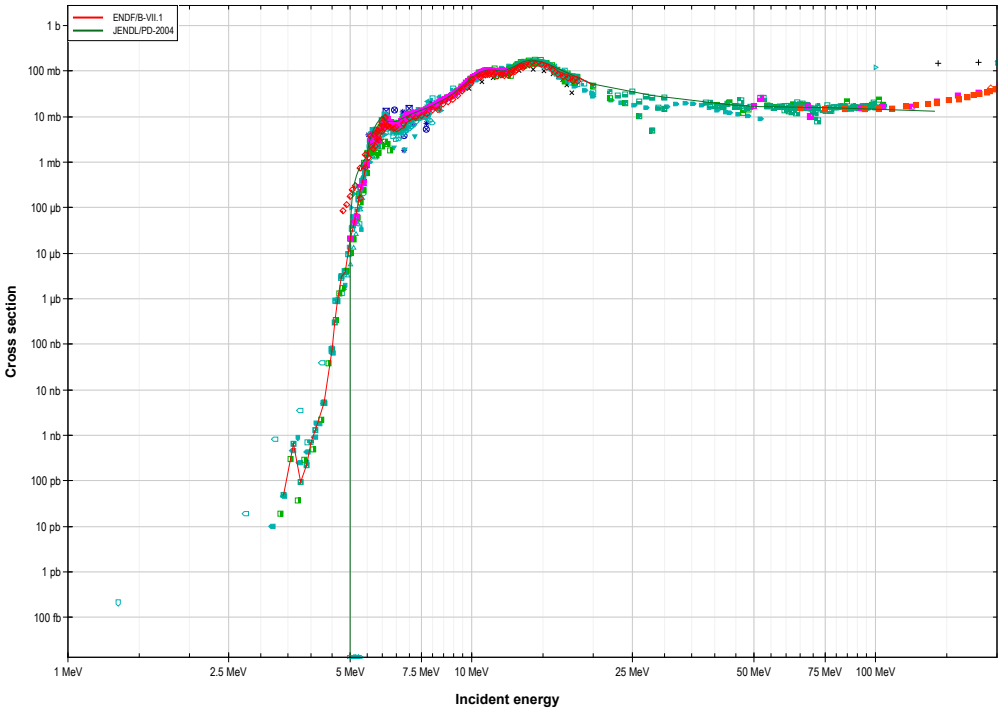
U238 (γ,2n) lin-log



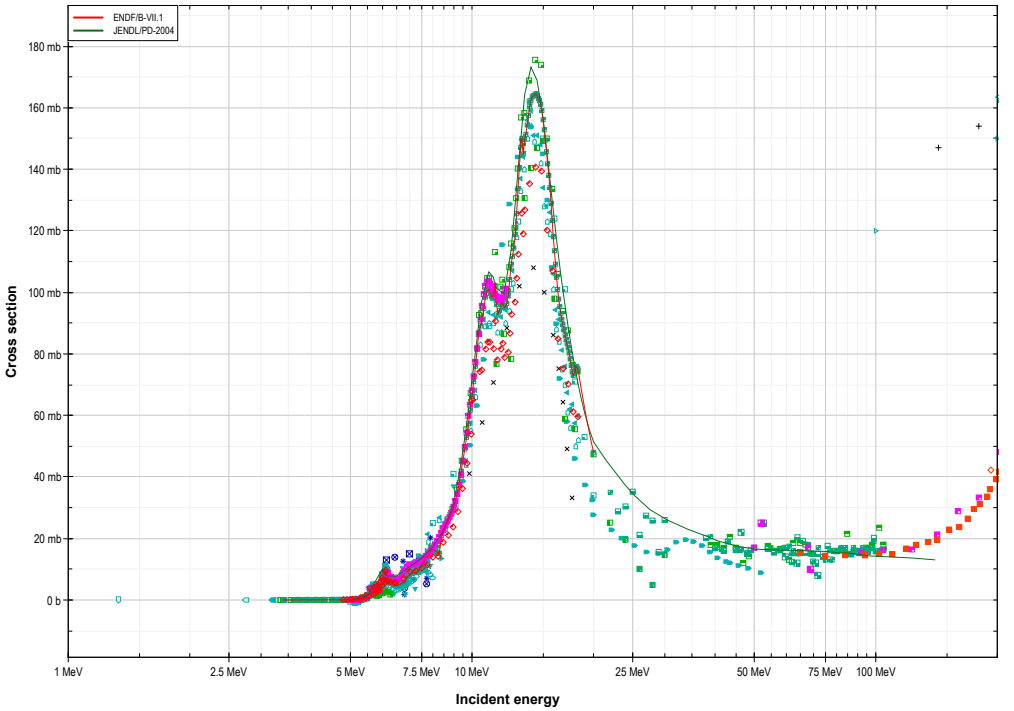
Reaction	Q-Value
U238(γ,2n)U236	-11280.03 keV

<< 92-U-236	**92-U-238**	93-Np-237 >>
<< MT16 (γ,2n)	**MT18 (γ,fission)**	93-Np-237 MT4 (γ,n) >>

U238 (γ,fission) log-log

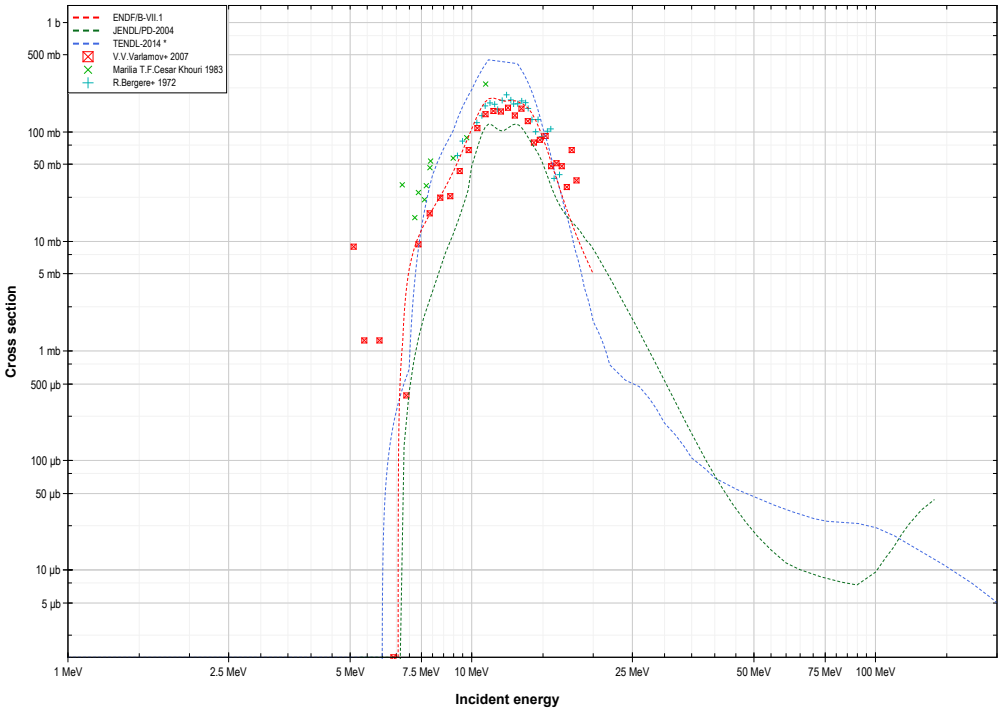


U238 (γ,fission) lin-log

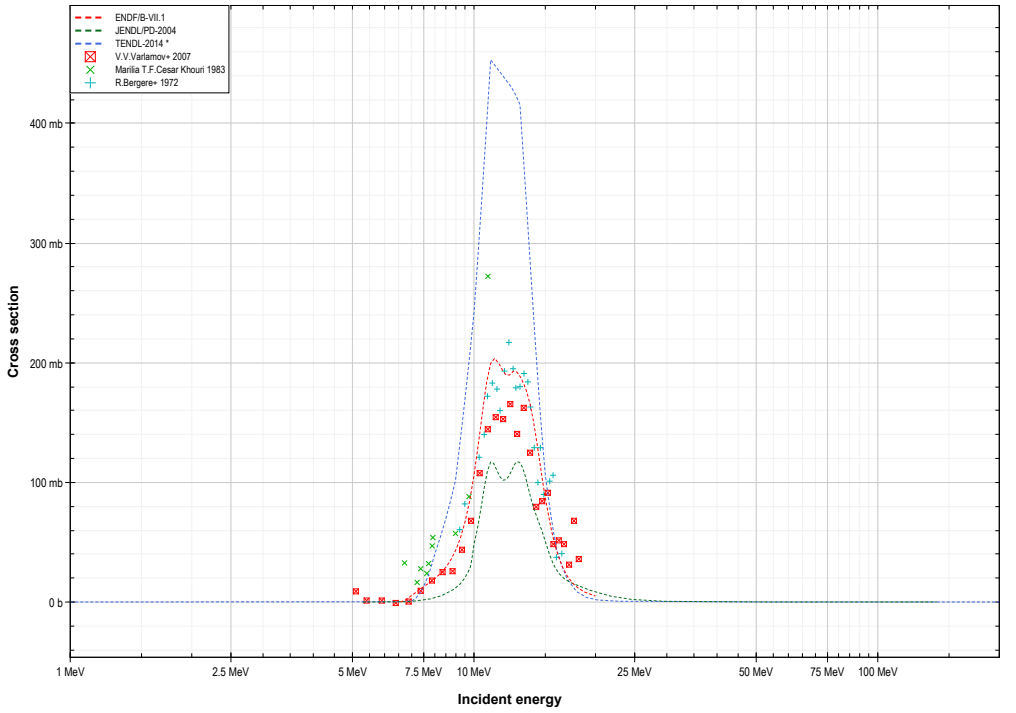


<< 92-U-238	**93-Np-237**	94-Pu-239 >>
<< 92-U-238 MT18 (γ,fission)	**MT4 (γ,n) or MT5 (Np236 production)**	MT16 (γ,2n) >>

Np237 (γ,n) log-log



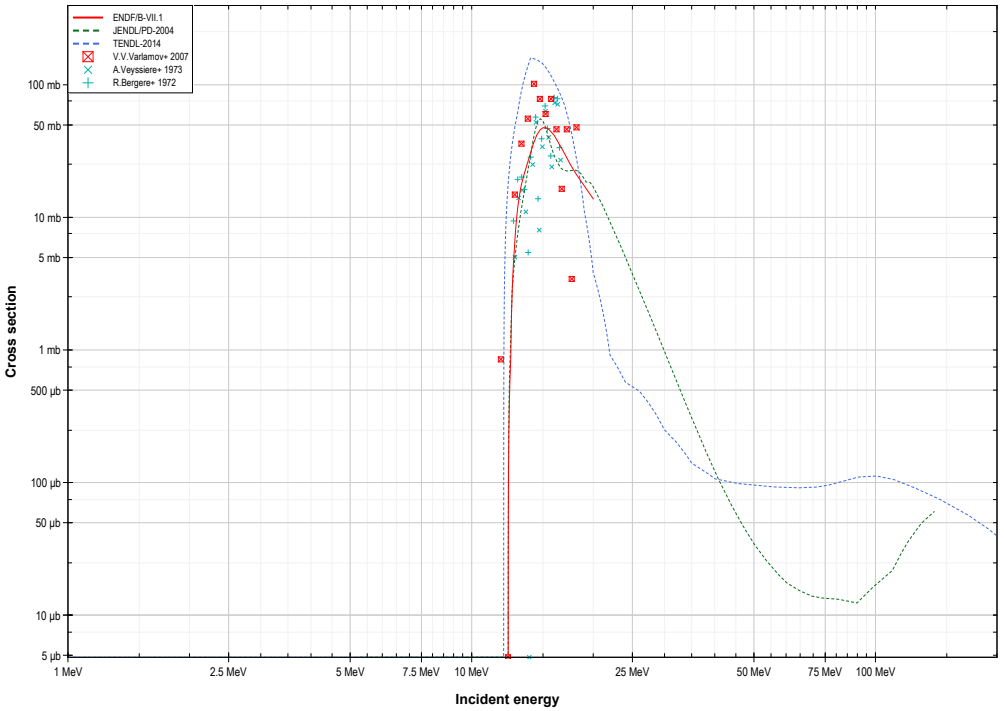
Np237 (γ,n) lin-log



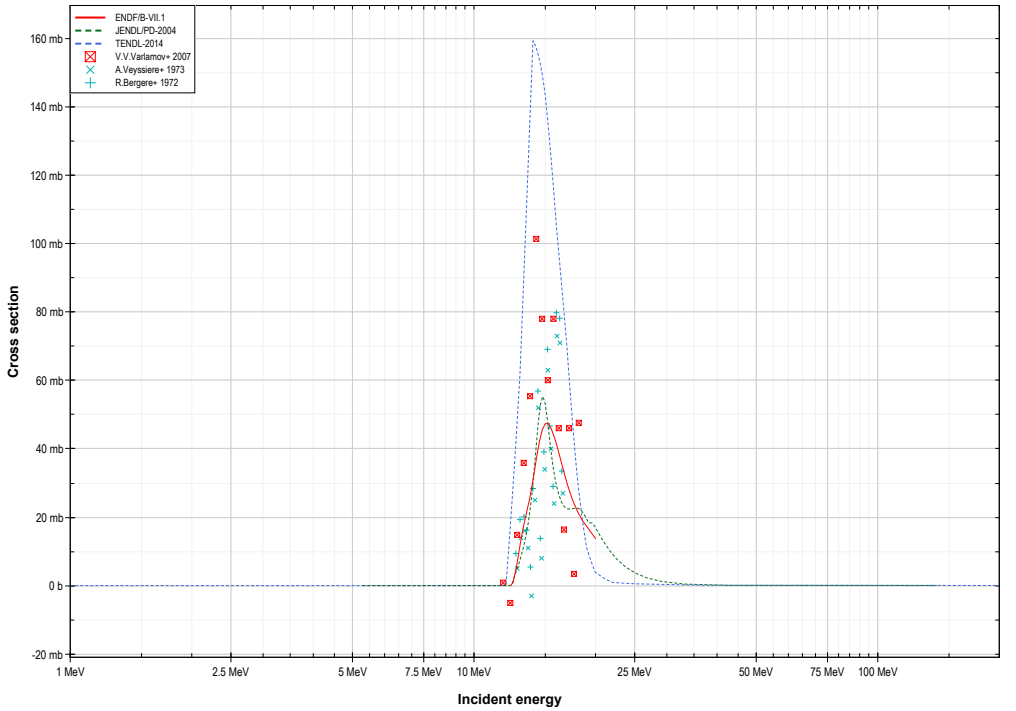
Reaction	Q-Value
Np237(γ,n)Np236	-6578.02 keV

<< 92-U-238	**93-Np-237**	94-Pu-239 >>
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Np235 production)**	MT18 (γ,fission) >>

Np237 (γ,2n) log-log



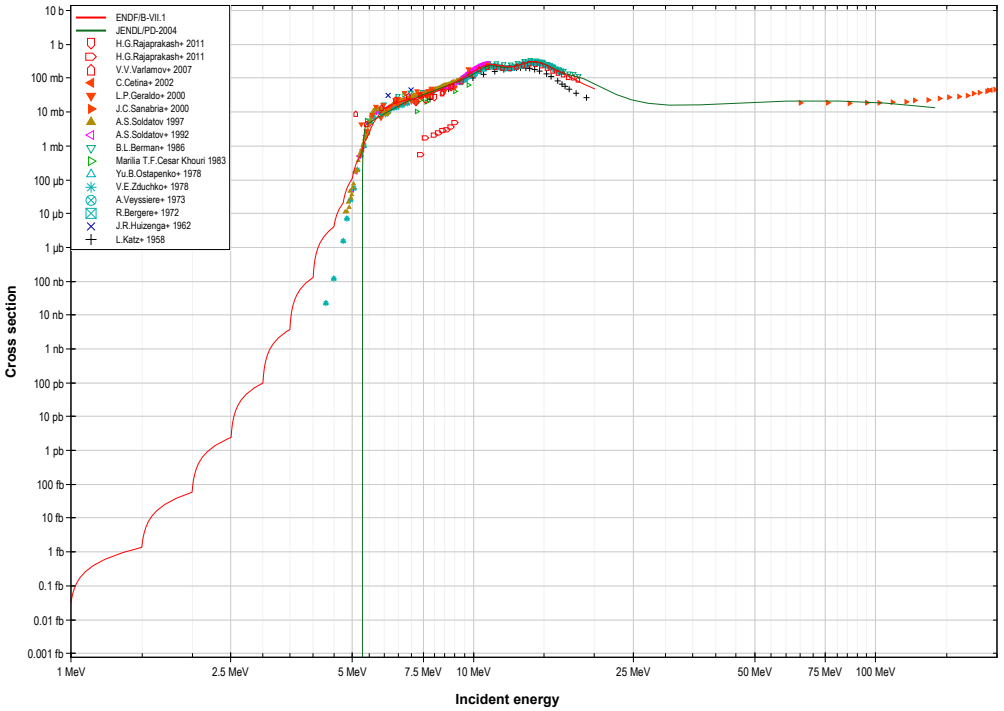
Np237 (γ,2n) lin-log



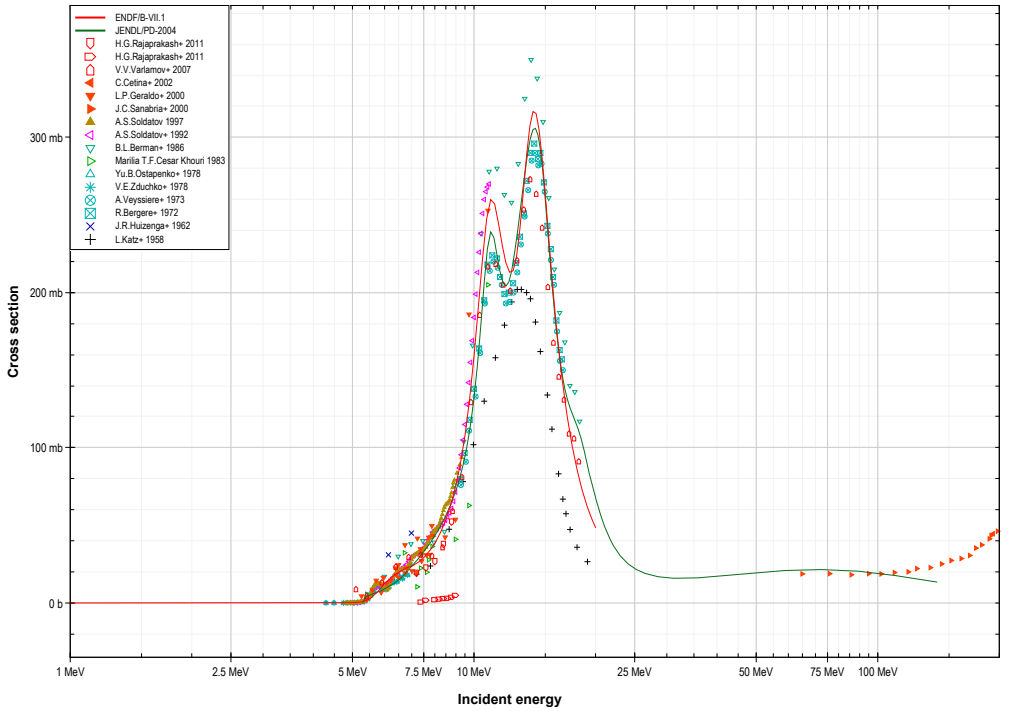
Reaction	Q-Value
Np237(γ,2n)Np235	-12314.03 keV

<< 92-U-238	**93-Np-237**	94-Pu-238 >>
<< MT16 (γ,2n)	**MT18 (γ,fission)**	94-Pu-238 MT18 (γ,fission) >>

Np237 (γ,fission) log-log

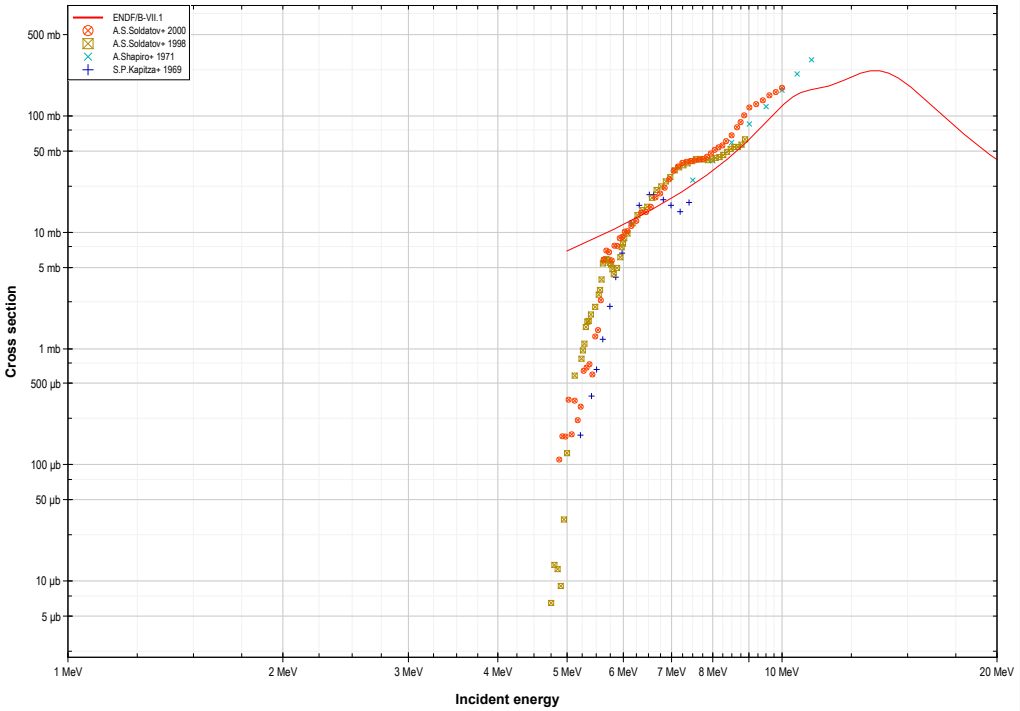


Np237 (γ,fission) lin-log

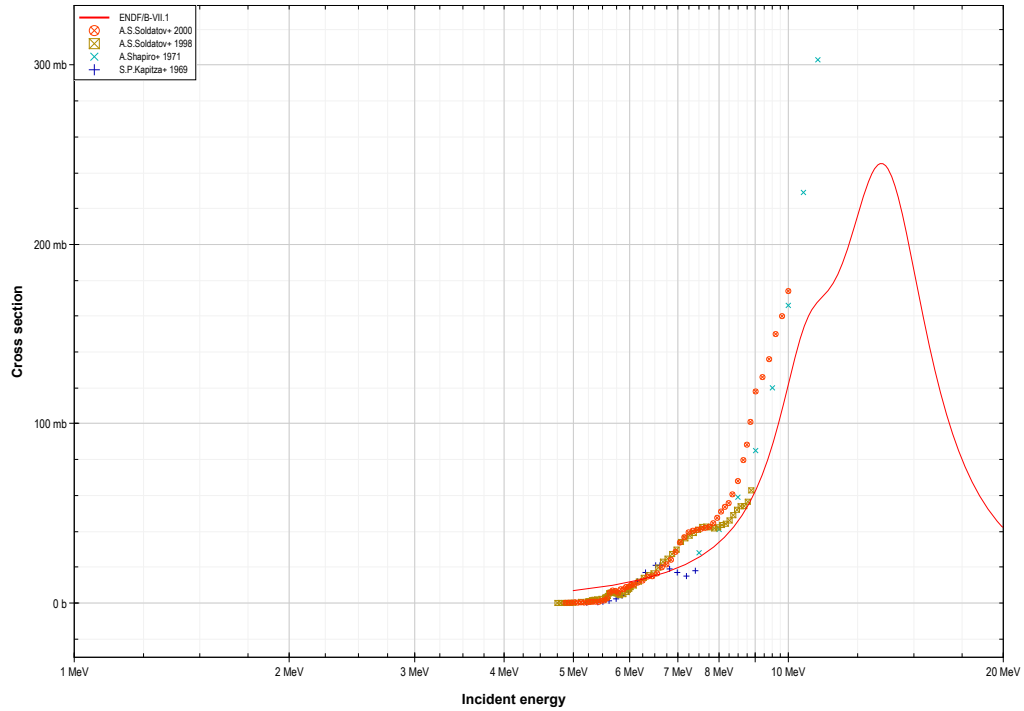


<< 93-Np-237	**94-Pu-238**	94-Pu-239 >>
<< 93-Np-237 MT18 (γ,fission)	**MT18 (γ,fission)**	94-Pu-239 MT4 (γ,n) >>

Pu238 (γ,fission) log-log

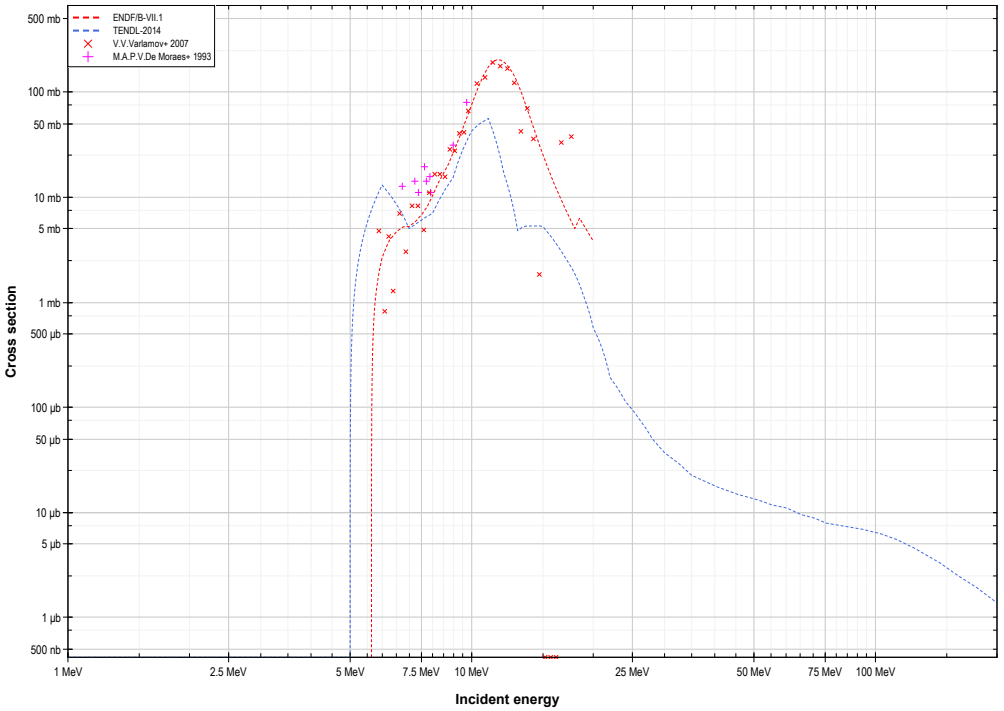


Pu238 (γ,fission) lin-log

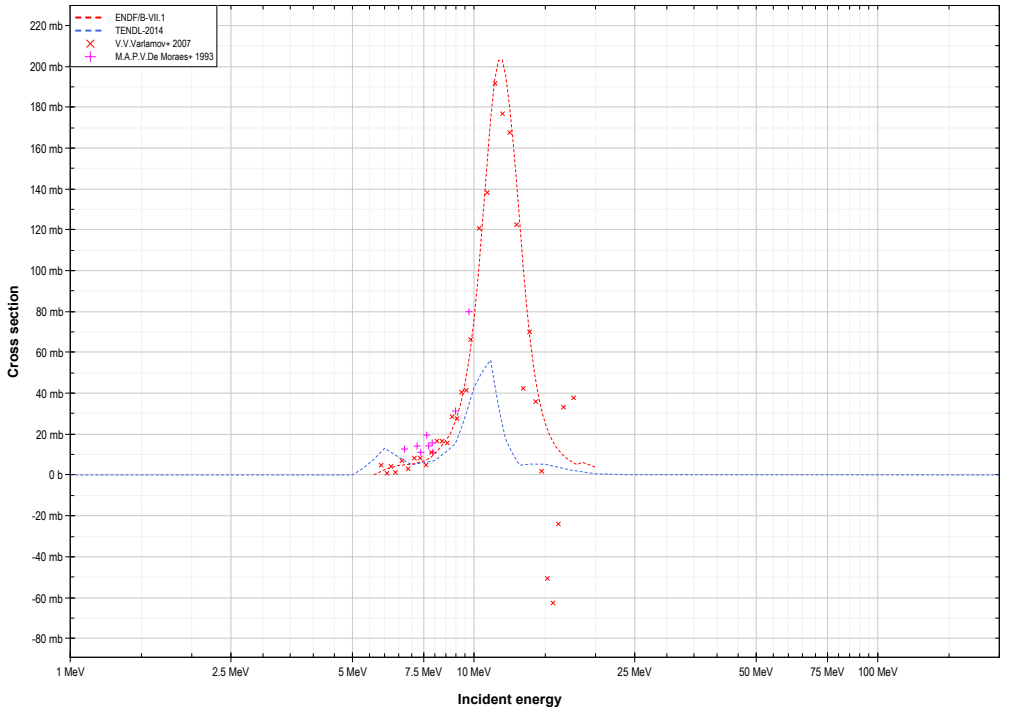


<< 93-Np-237	**94-Pu-239**	95-Am-241 >>
<< 94-Pu-238 MT18 (γ,fission)	**MT4 (γ,n) or MT5 (Pu238 production)**	MT16 (γ,2n) >>

Pu239 (γ,n) log-log



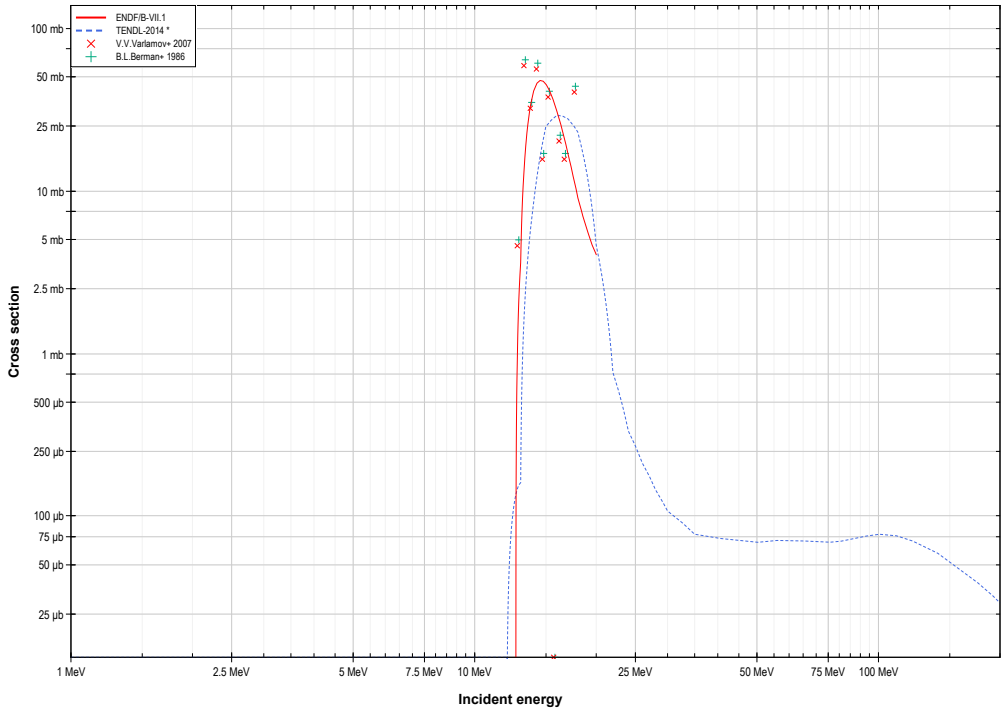
Pu239 (γ,n) lin-log



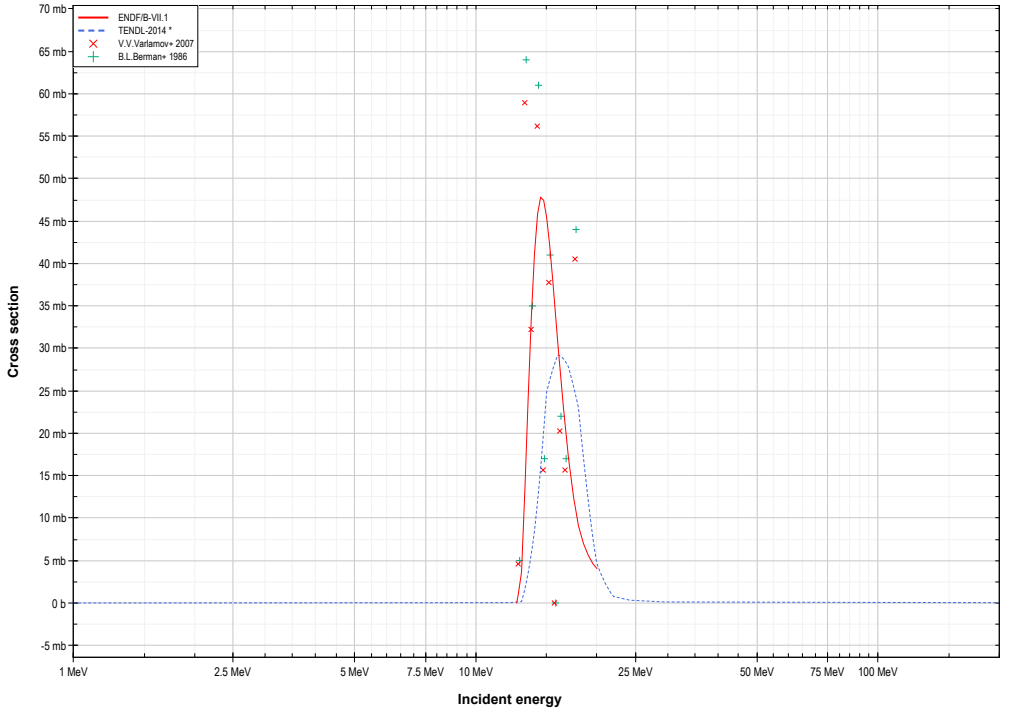
Reaction	Q-Value
Pu239(γ,n)Pu238	-5646.12 keV

<< 93-Np-237	**94-Pu-239**	
<< MT4 (γ,n)	**MT16 (γ,2n) or MT5 (Pu237 production)**	MT18 (γ,fission) >>

Pu239 (γ,2n) log-log



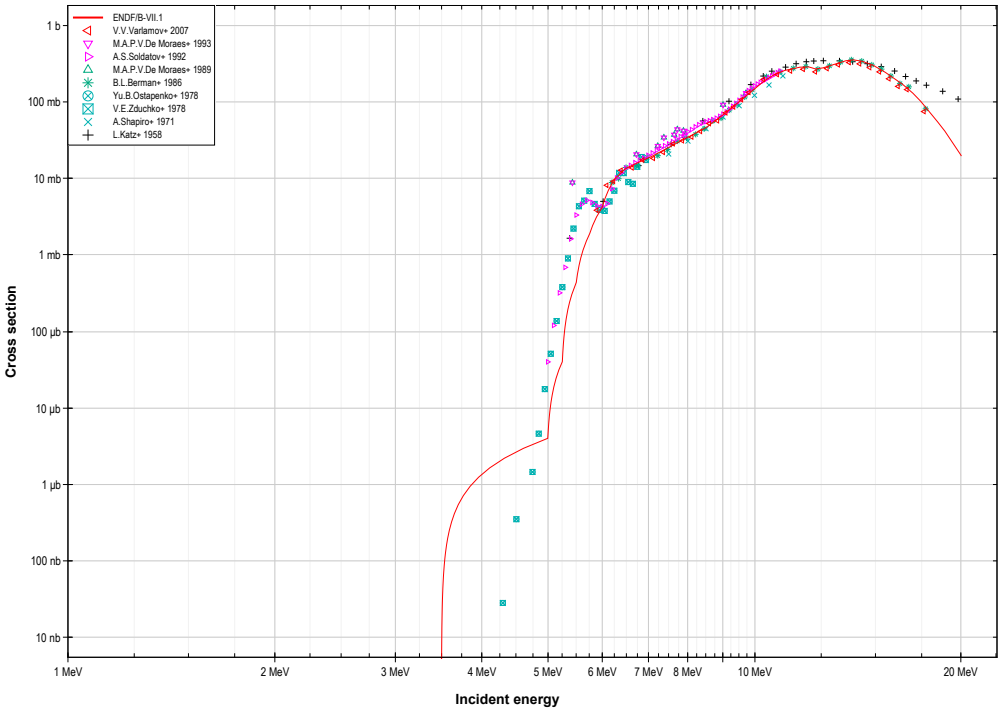
Pu239 (γ,2n) lin-log



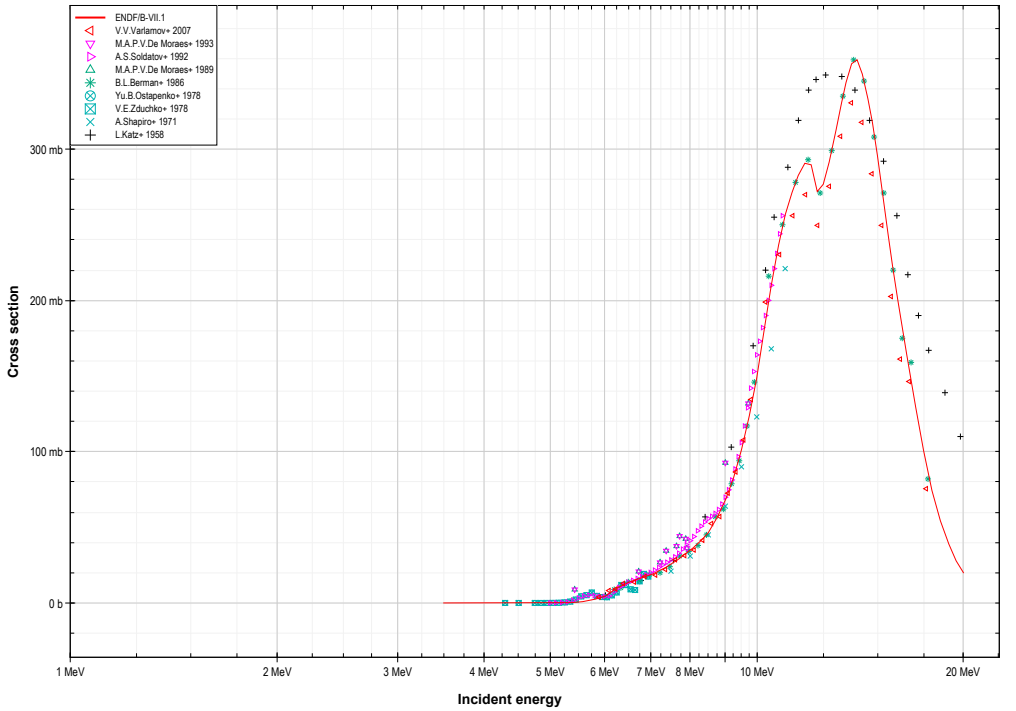
Reaction	Q-Value
Pu239(γ,2n)Pu237	-12646.03 keV

<< 94-Pu-238	**94-Pu-239**	94-Pu-240 >>
<< MT16 (γ,2n)	**MT18 (γ,fission)**	94-Pu-240 MT18 (γ,fission) >>

Pu239 (γ,fission) log-log

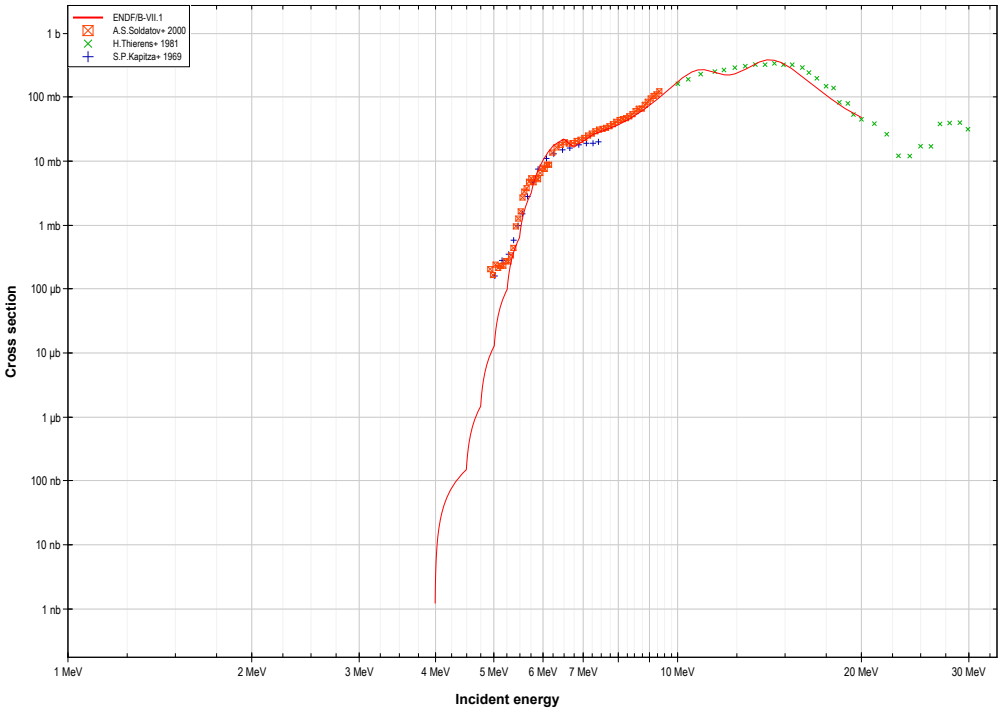


Pu239 (γ,fission) lin-log

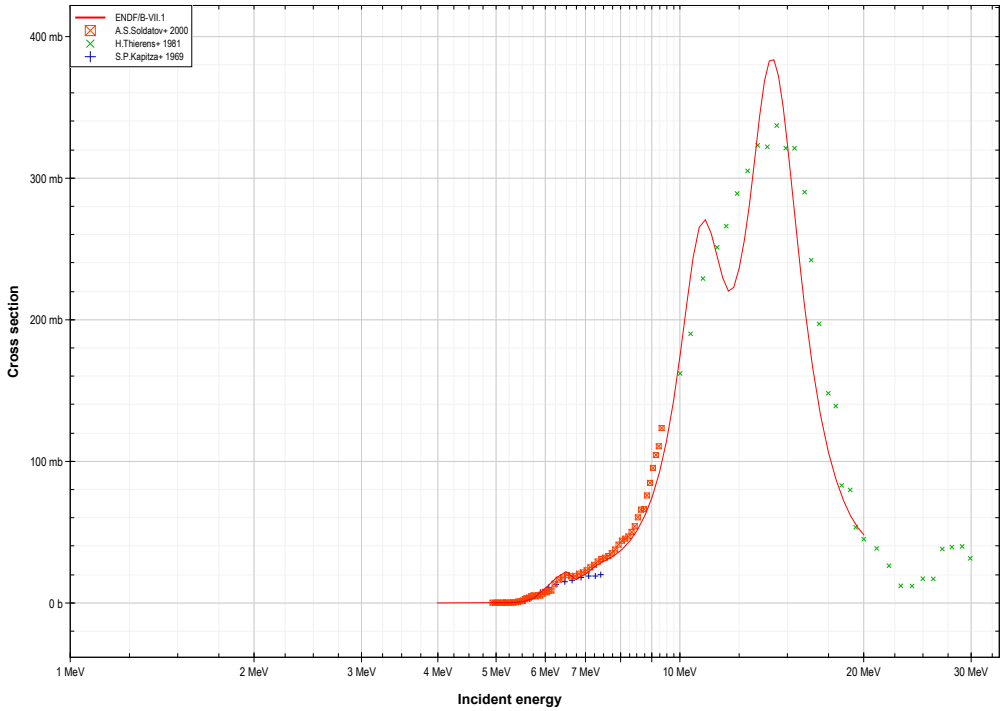


<< 94-Pu-239	**94-Pu-240**	94-Pu-241 >>
<< 94-Pu-239 MT18 (γ,fission)	**MT18 (γ,fission)**	94-Pu-241 MT18 (γ,fission) >>

Pu240 (γ,fission) log-log

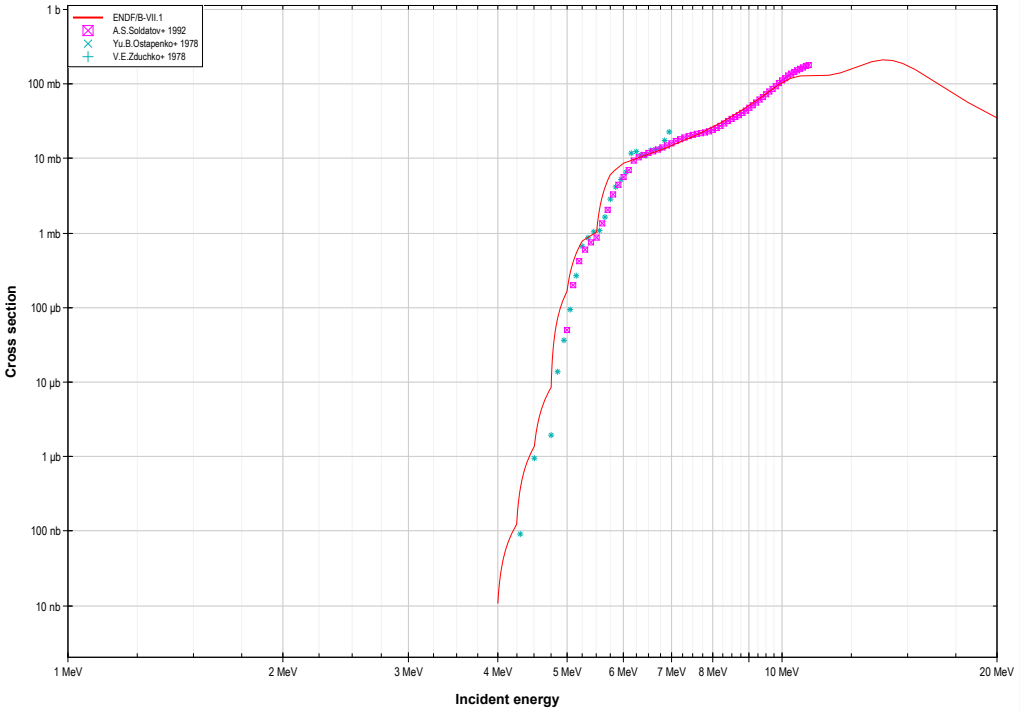


Pu240 (γ,fission) lin-log

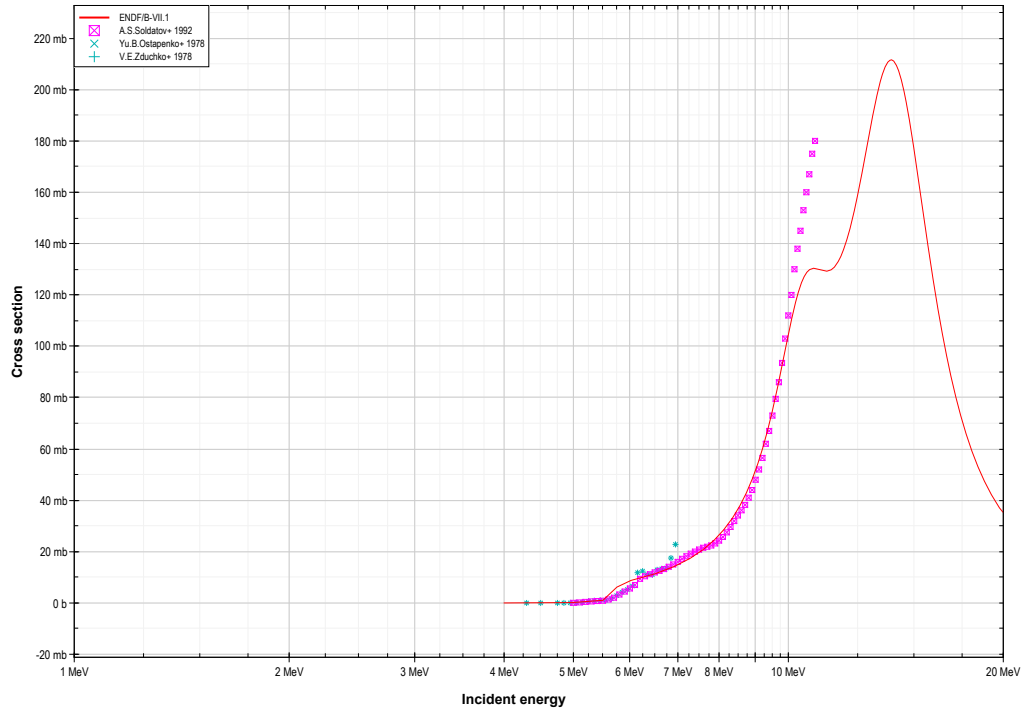


<< 94-Pu-240	**94-Pu-241**	95-Am-241 >>
<< 94-Pu-240 MT18 (γ,fission)	**MT18 (γ,fission)**	95-Am-241 MT4 (γ,n) >>

Pu241 (γ,fission) log-log

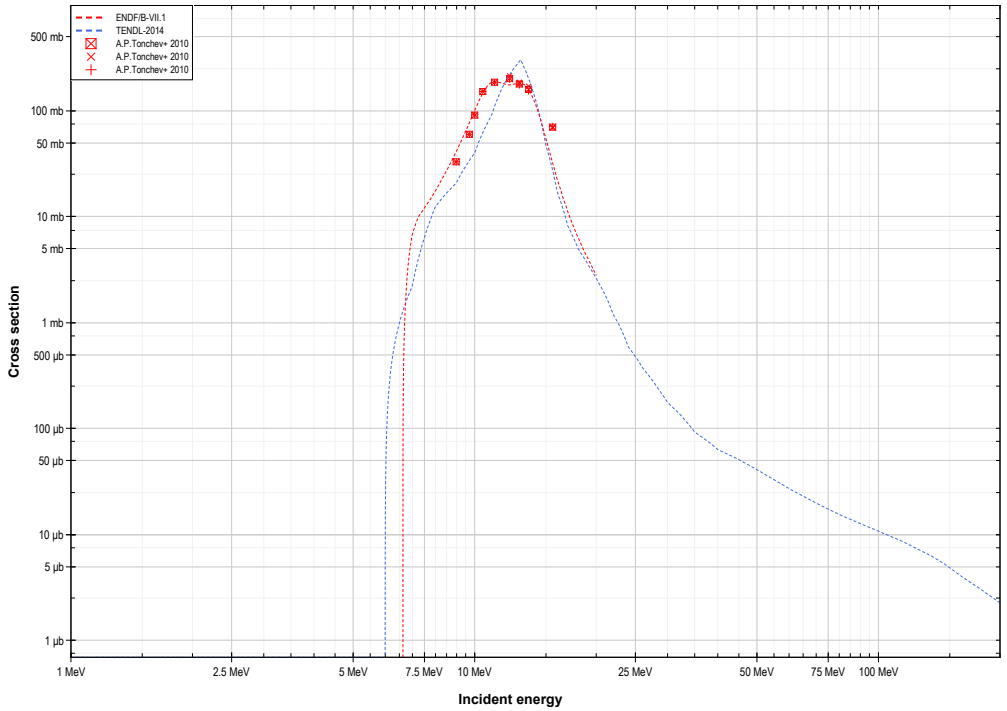


Pu241 (γ,fission) lin-log

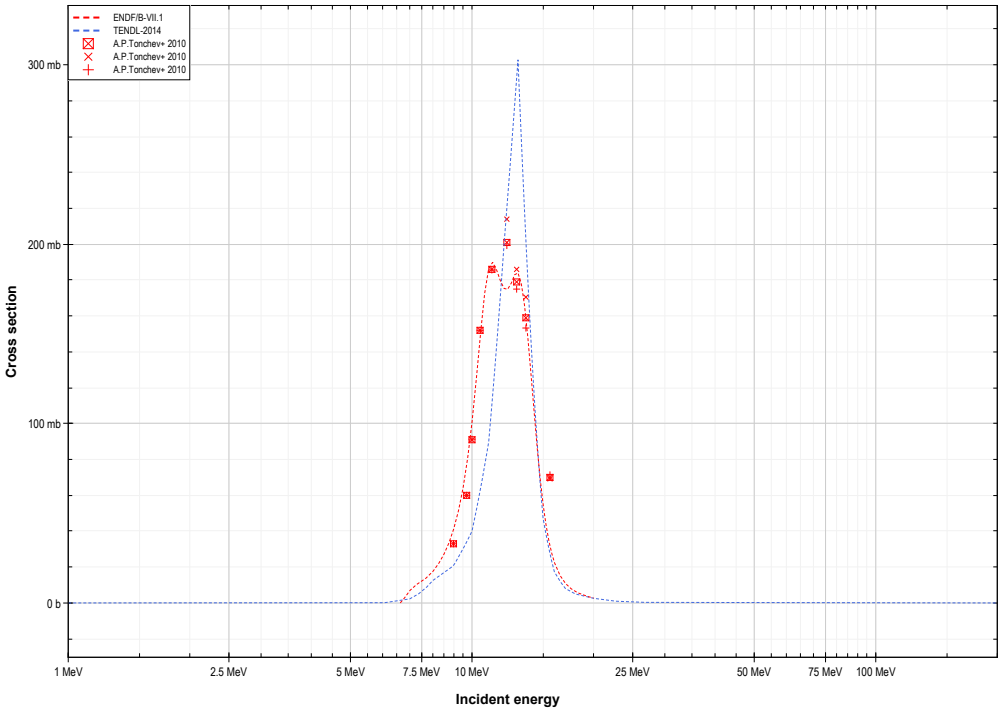


<< 94-Pu-239	**95-Am-241**	95-Am-243 >>
<< 94-Pu-241 MT18 (γ,fission)	**MT4 (γ,n) or MT5 (Am240 production)**	MT18 (γ,fission) >>

Am241 (γ,n) log-log



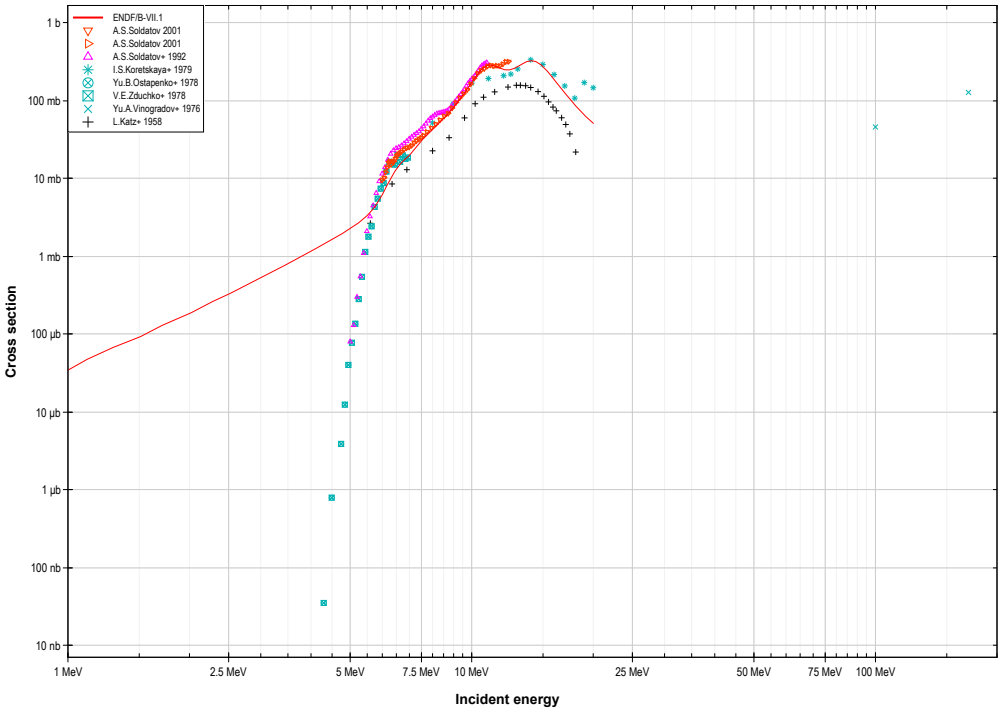
Am241 (γ,n) lin-log



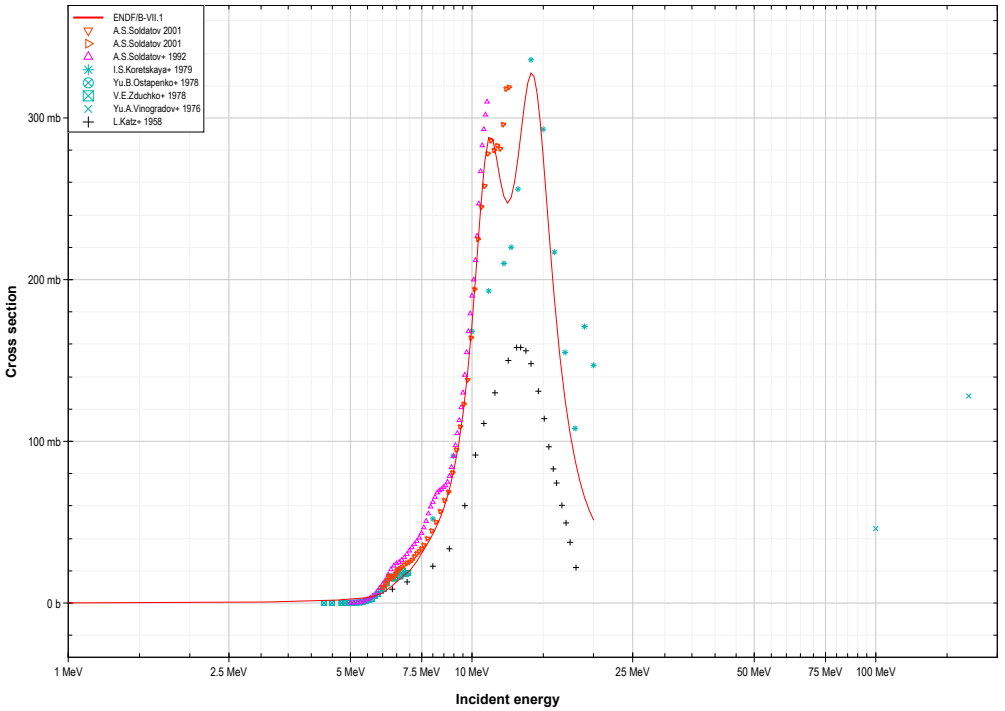
Reaction	Q-Value
Am241(γ,n)Am240	-6647.32 keV

<< 94-Pu-241	**95-Am-241**	
<< MT4 (γ,n)	**MT18 (γ,fission)**	95-Am-243 MT4 (γ,n) >>

Am241 (γ,fission) log-log

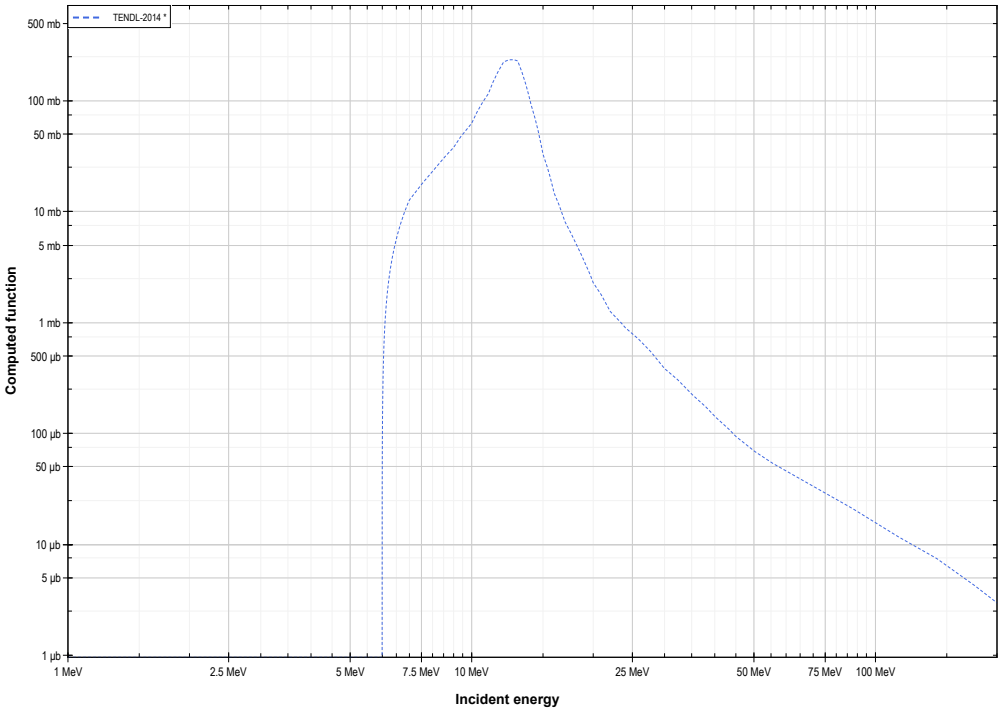


Am241 (γ,fission) lin-log

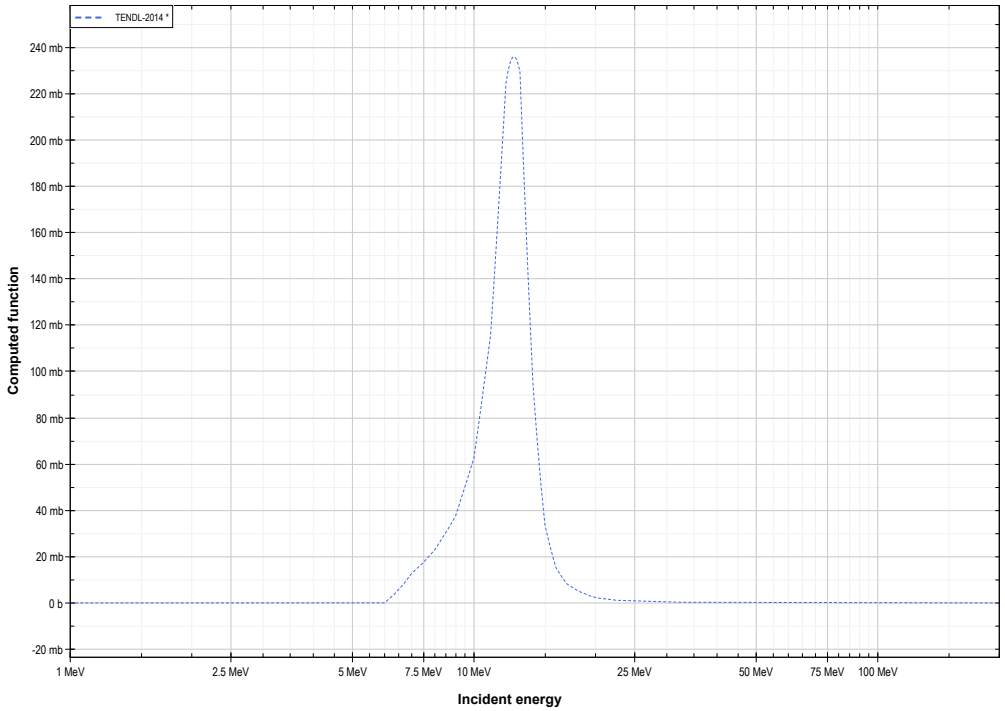


<< 95-Am-241	**95-Am-243**	
<< 95-Am-241 MT18 (γ,fission)	**MT4 (γ,n) or MT5 (Am242 production)**	

Am243 (γ,n) log-log



Am243 (γ,n) lin-log



Reaction	Q-Value
Am243(γ,n)Am242	-6364.92 keV