

Program Complot
(Version 2012-1)

by

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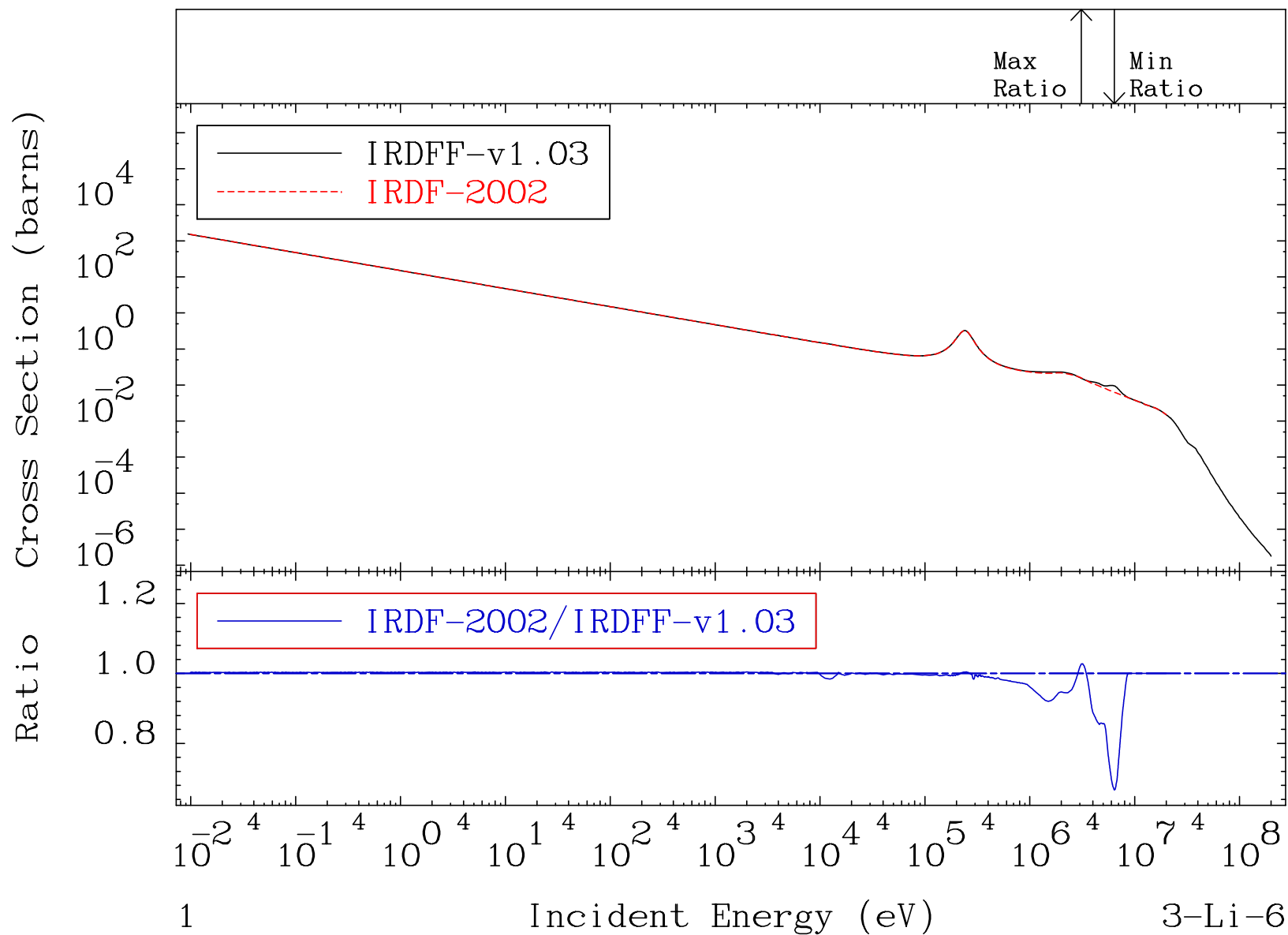
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start.

MAT 325

(n,t)
Cross Section

3-Li-6
-33.32 To 2.756 %



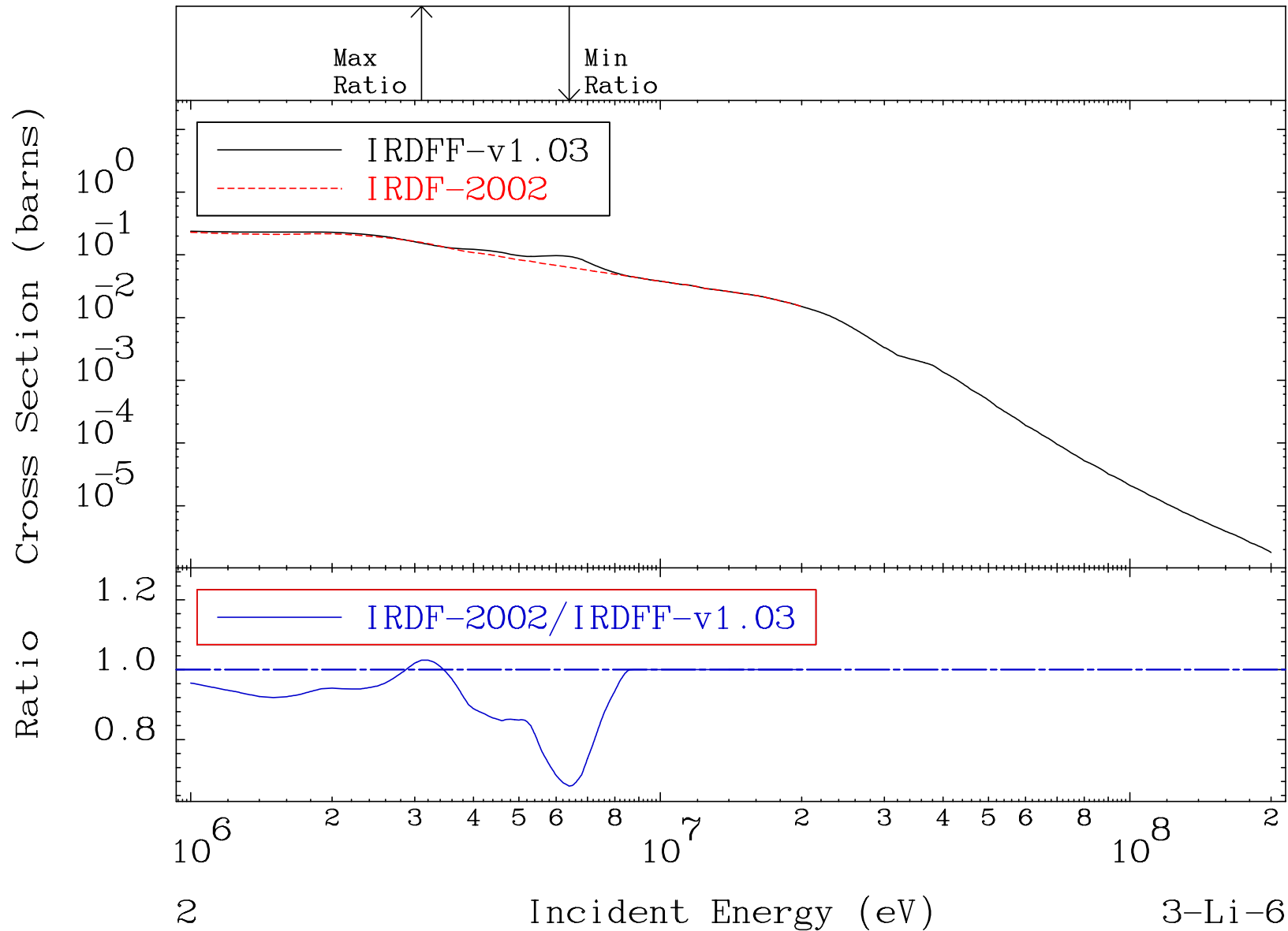
MAT 325

(n,t)

3-Li-6

Cross Section

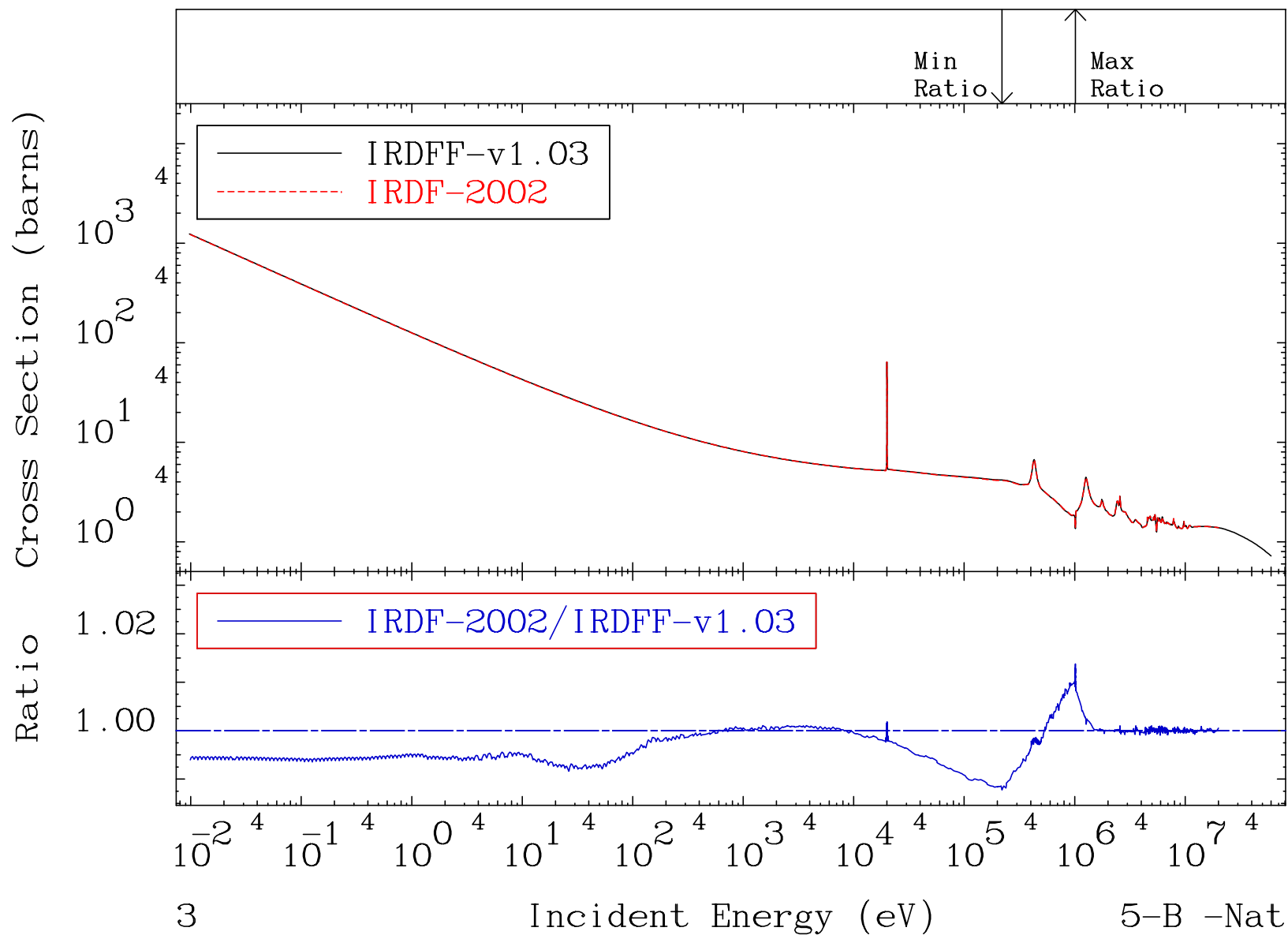
-33.32 To 2.756 %



MAT 500

Total
Cross Section

5-B -Nat
-1.224 To 1.379 %



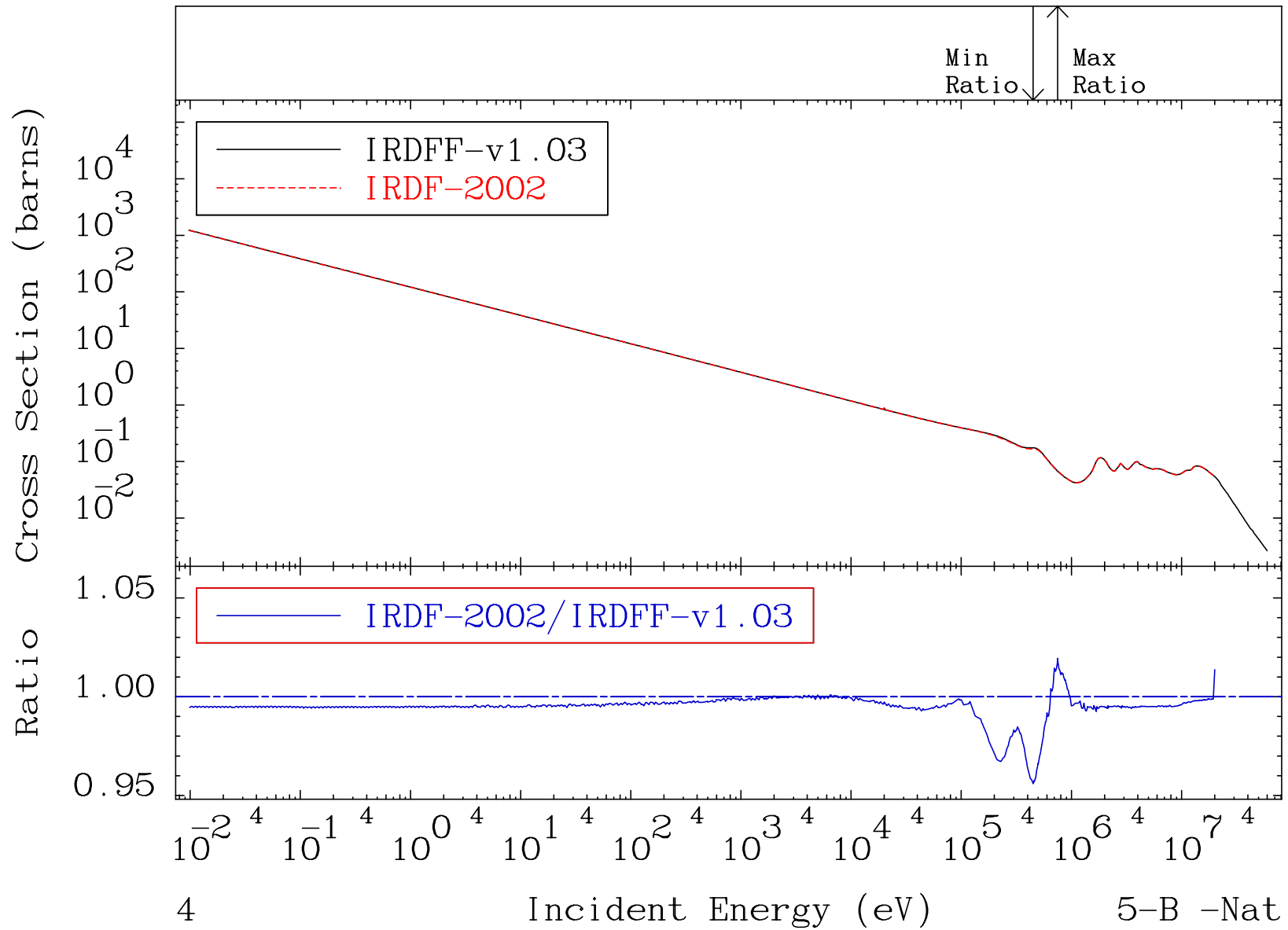
MAT 500

Neutron Disappearance

5-B -Nat

Cross Section

-4.416 To 1.947 %



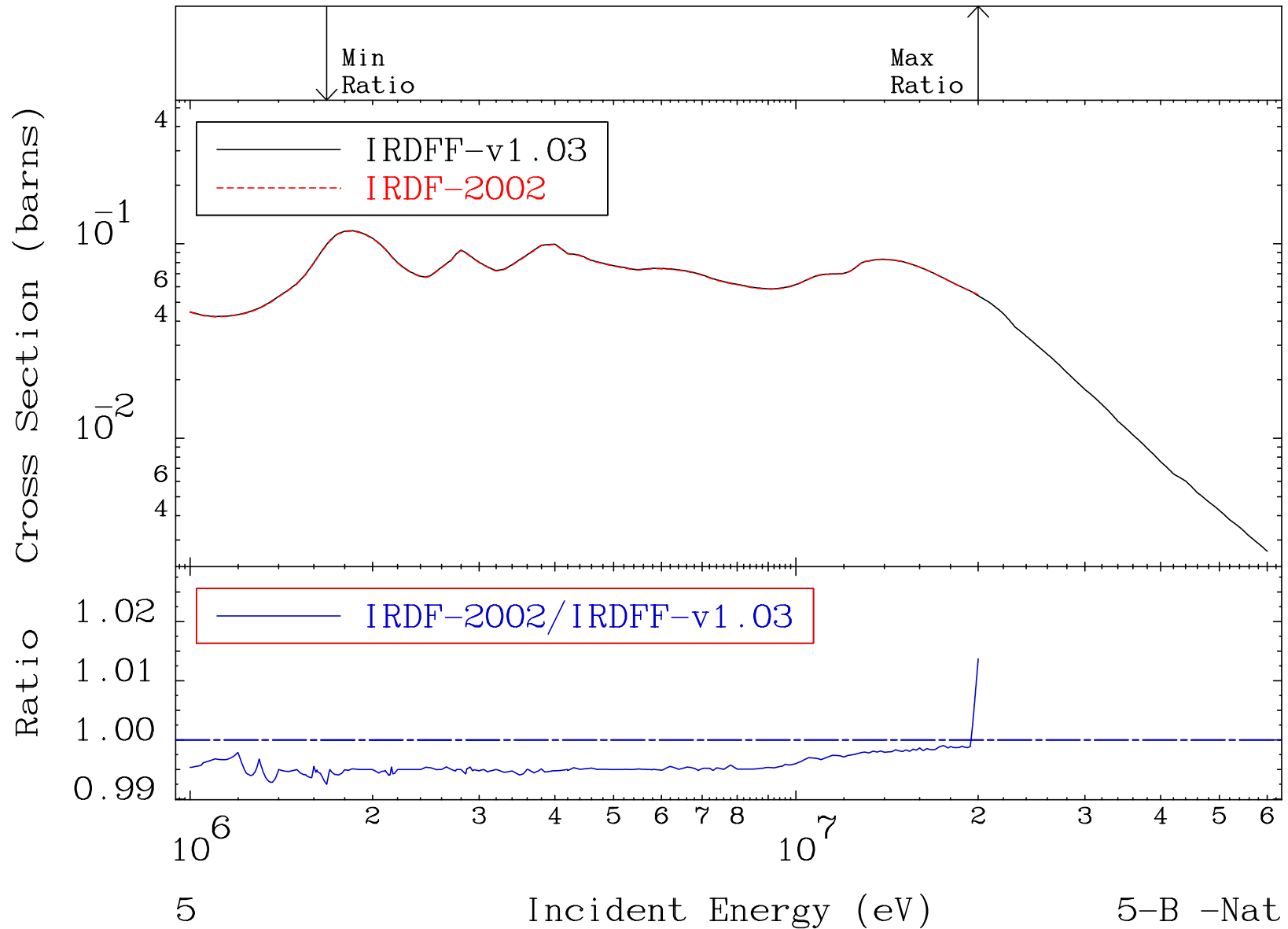
MAT 500

Neutron Disappearance

5-B -Nat

Cross Section

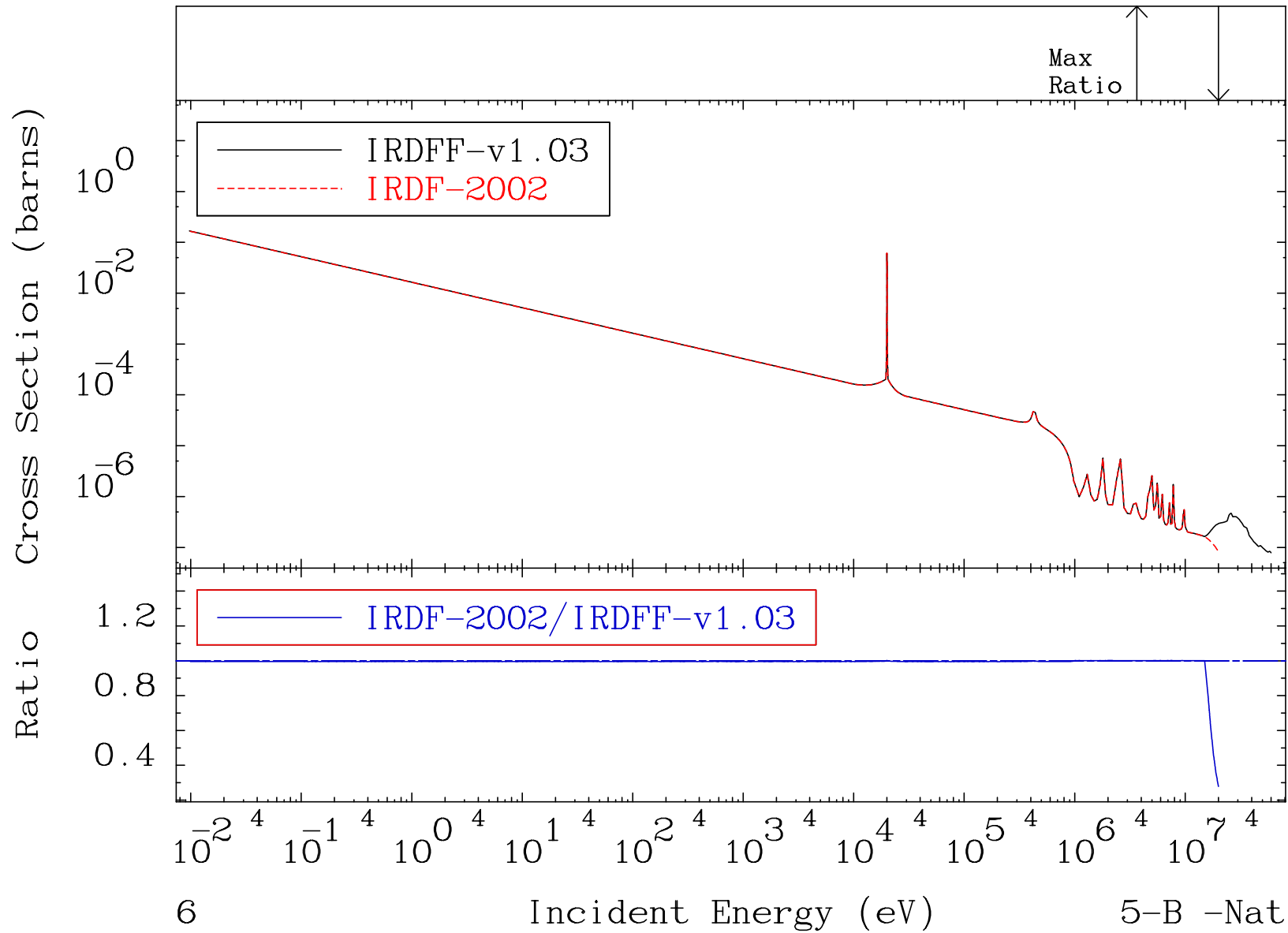
-0.753 To 1.373 %



MAT 500

(n, γ)
Cross Section

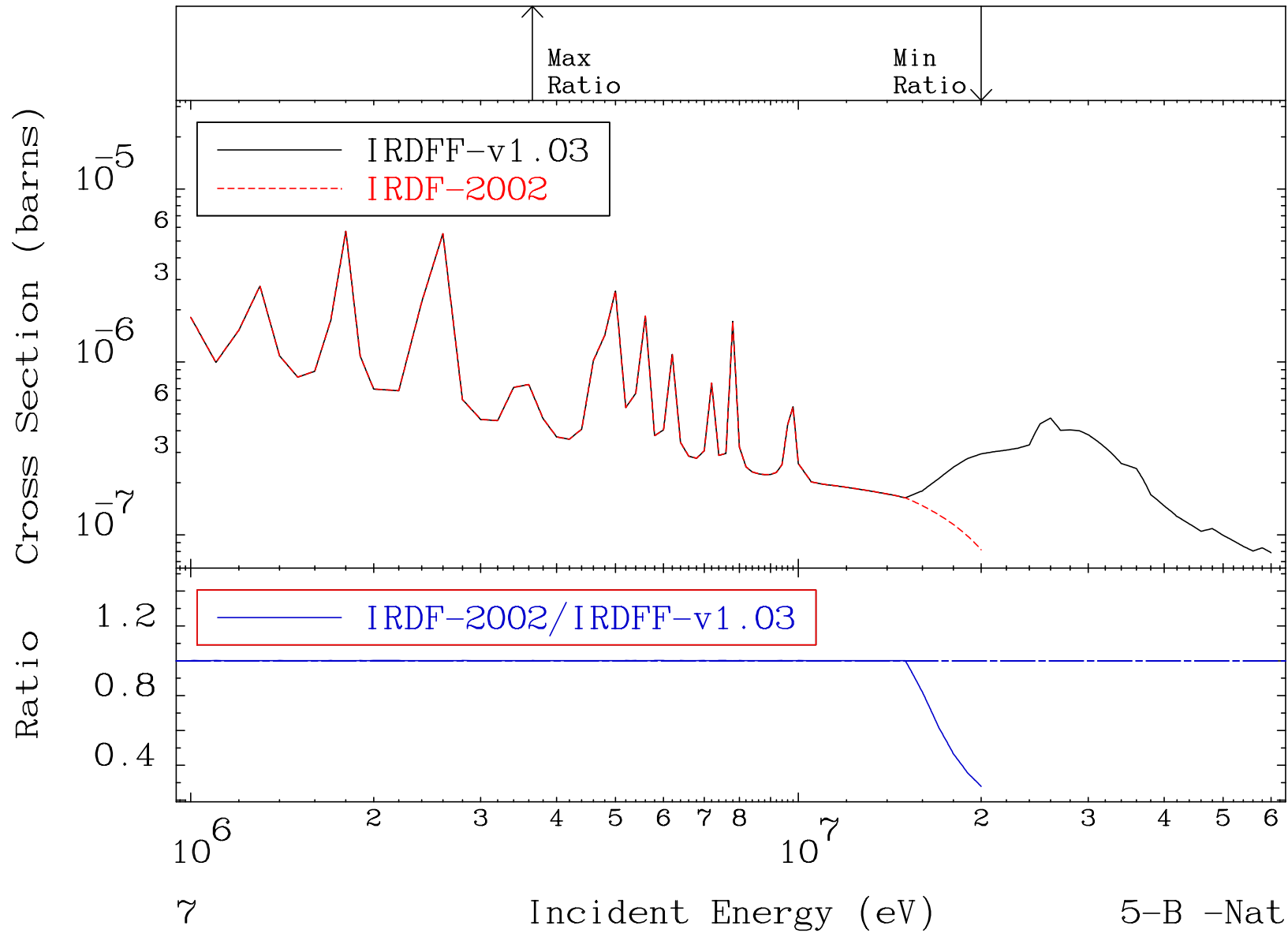
5-B -Nat
-72.15 To 0.255 %



MAT 500

(n, γ)
Cross Section

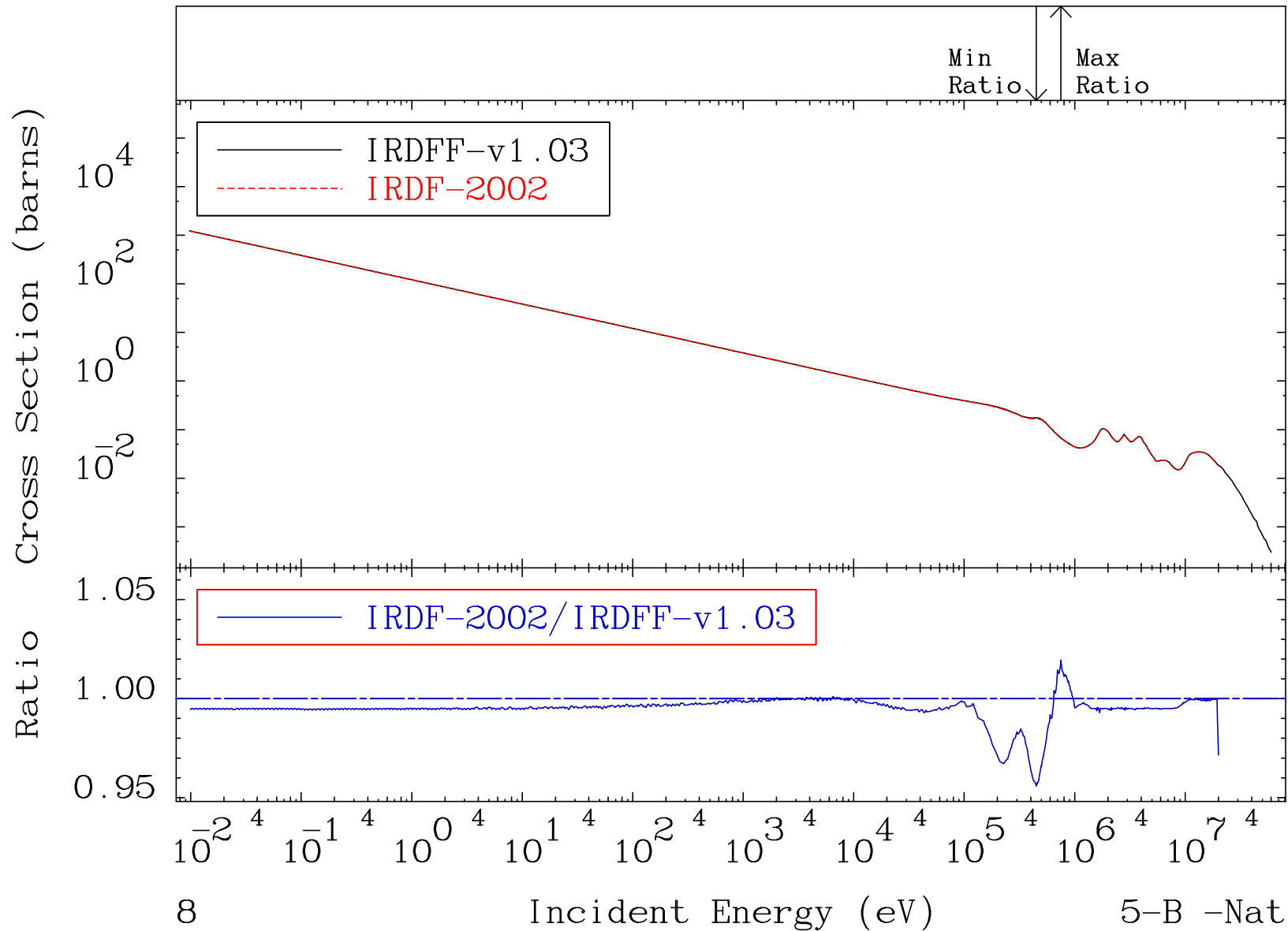
5-B -Nat
-72.15 To 0.255 %



MAT 500

(n, α)
Cross Section

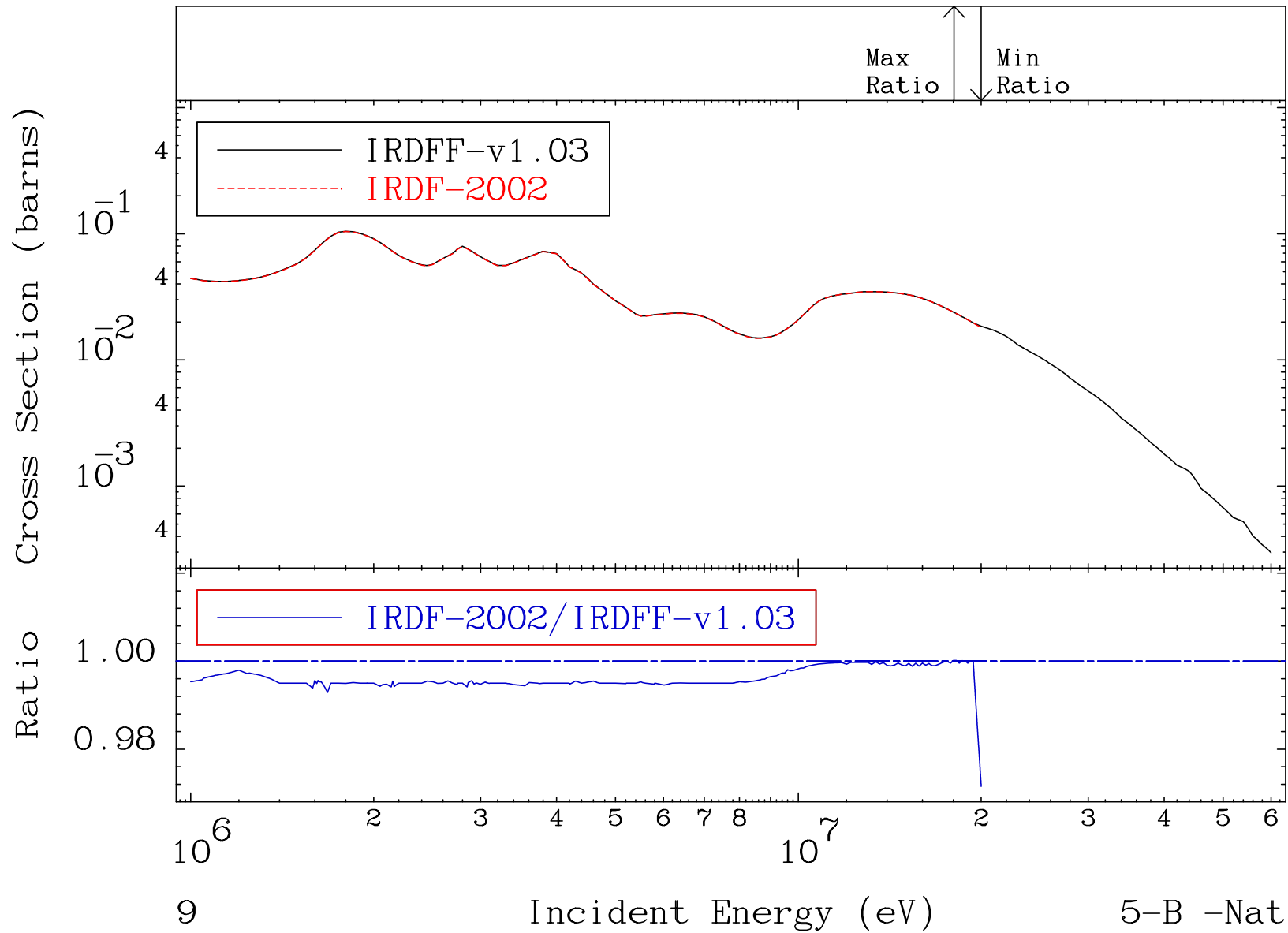
5-B -Nat
-4.418 To 1.951 %



MAT 500

(n, α)
Cross Section

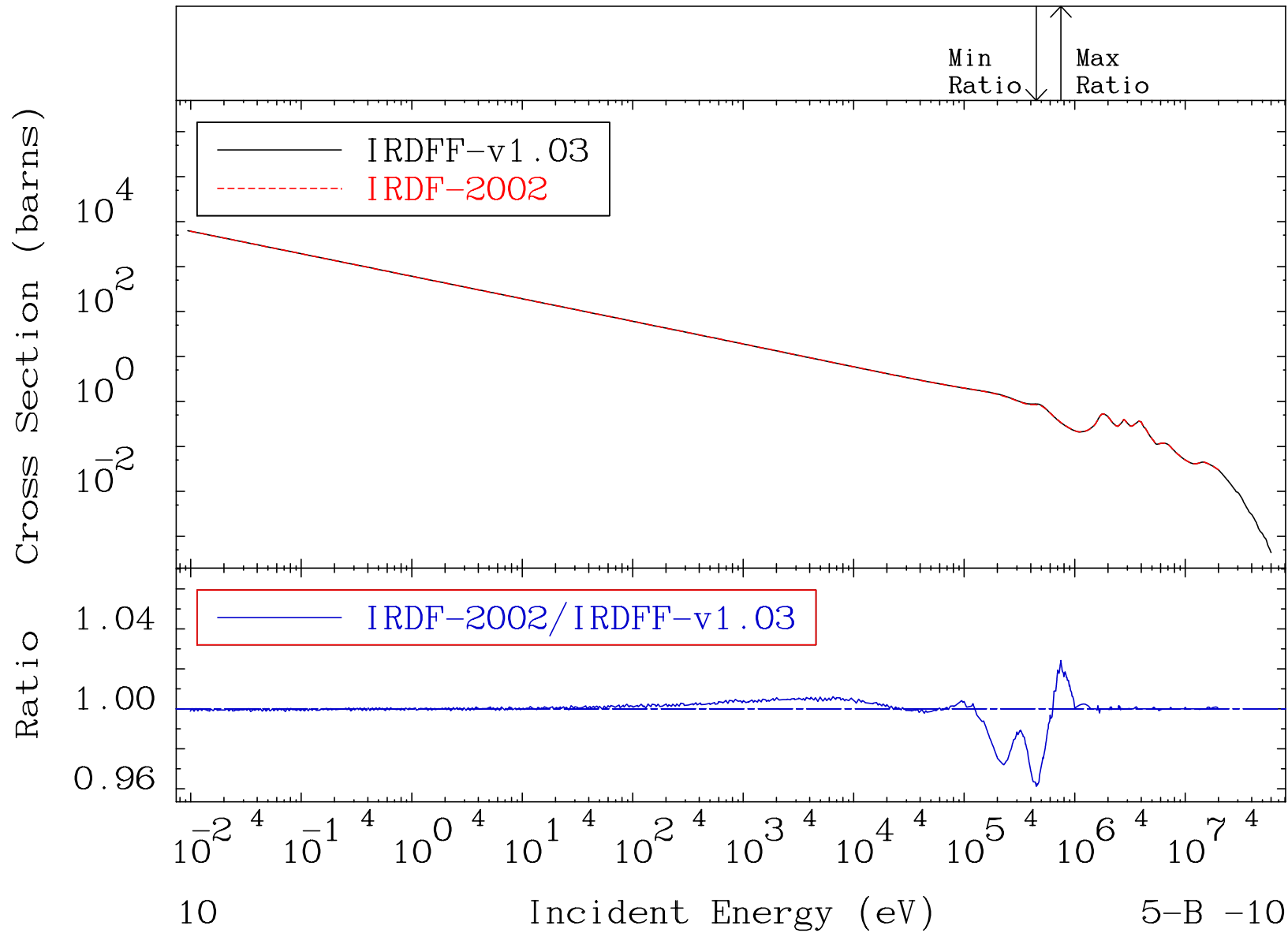
5-B -Nat
-2.848 To 0.018 %



MAT 525

(n, α)
Cross Section

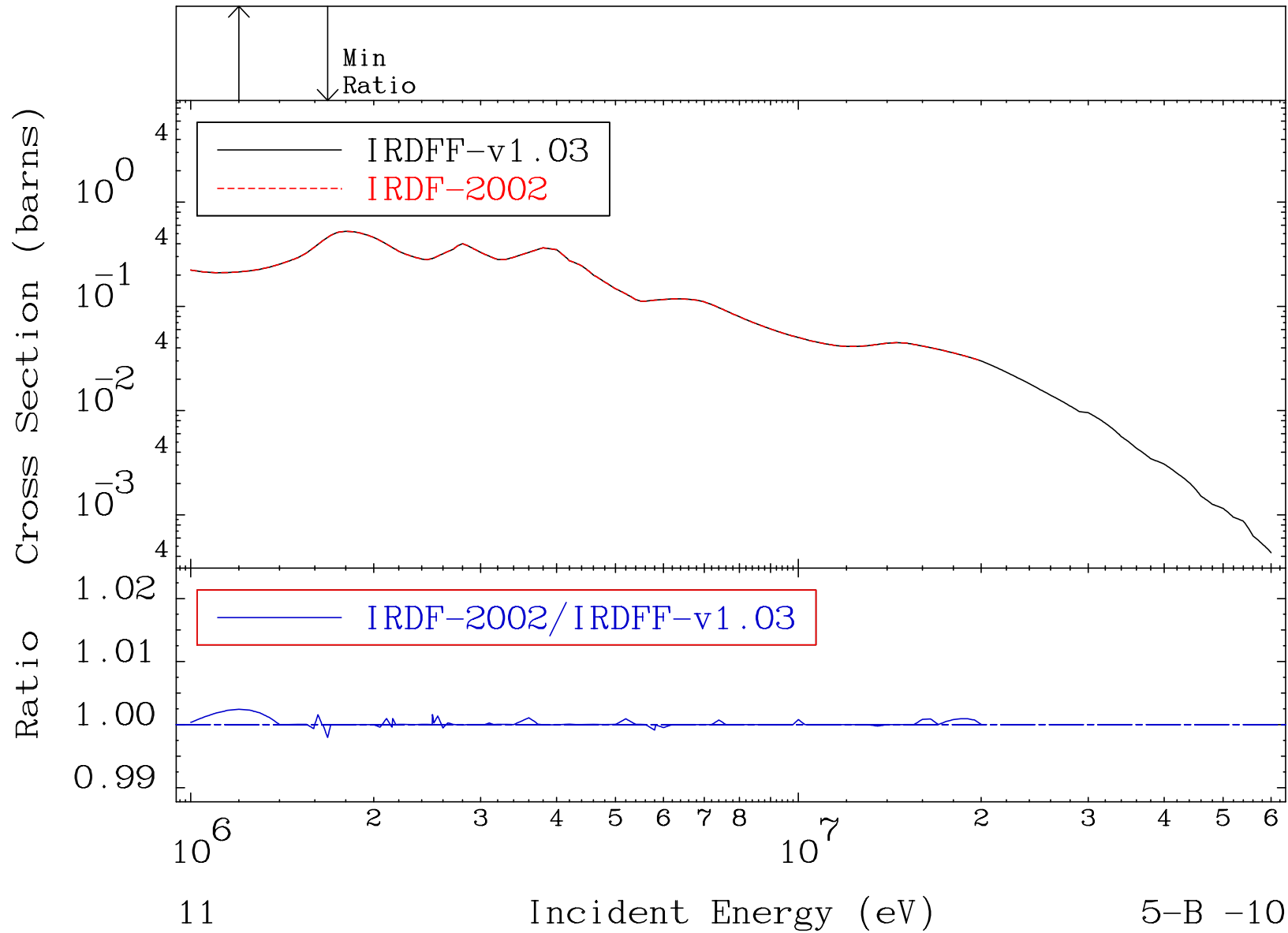
5-B -10
-3.880 To 2.428 %



MAT 525

(n, α)
Cross Section

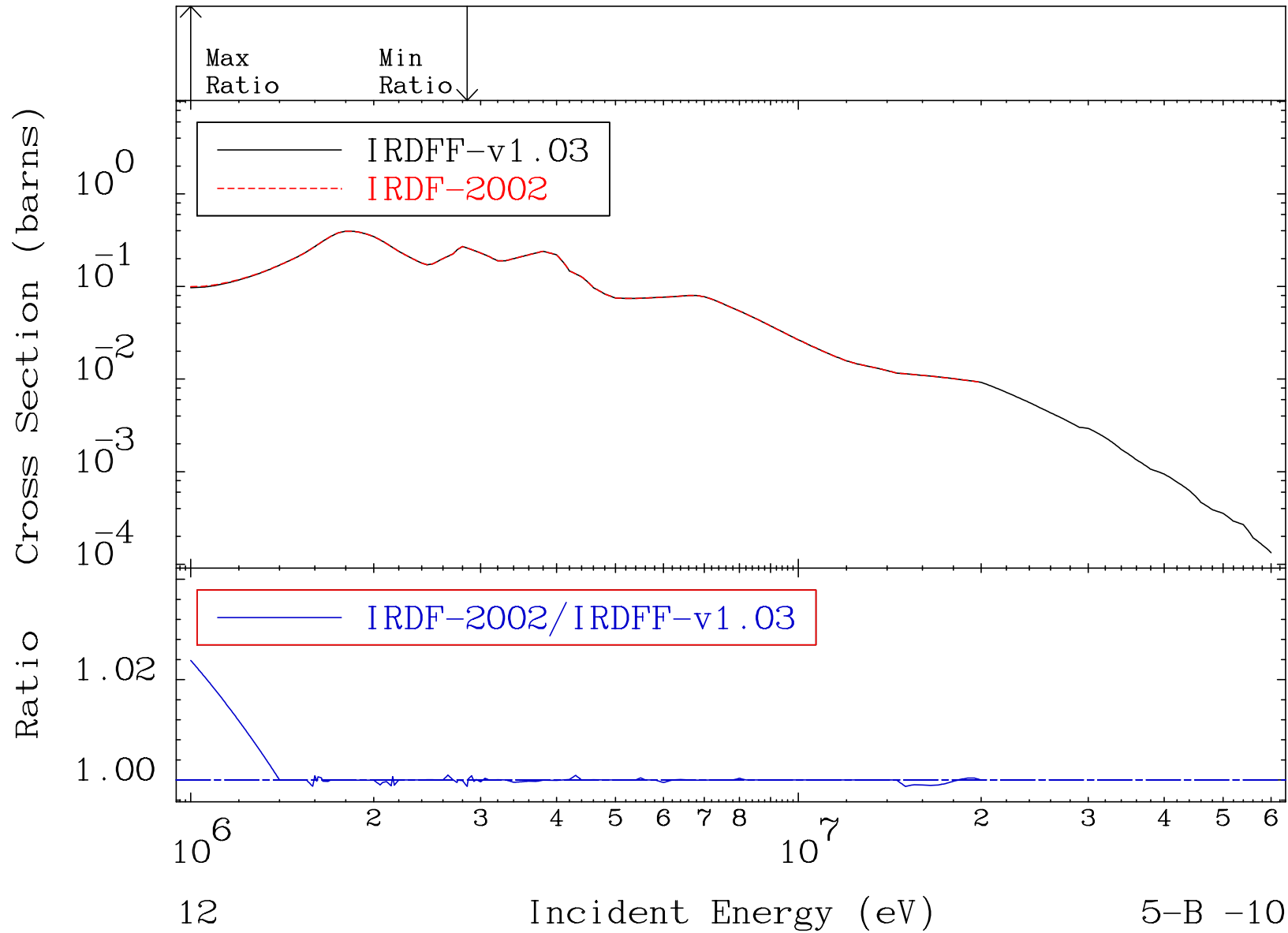
5-B -10
-0.205 To 0.242 %



MAT 525

(n, α') Ground
Cross Section

5-B -10
-0.129 To 2.385 %



12

Incident Energy (eV)

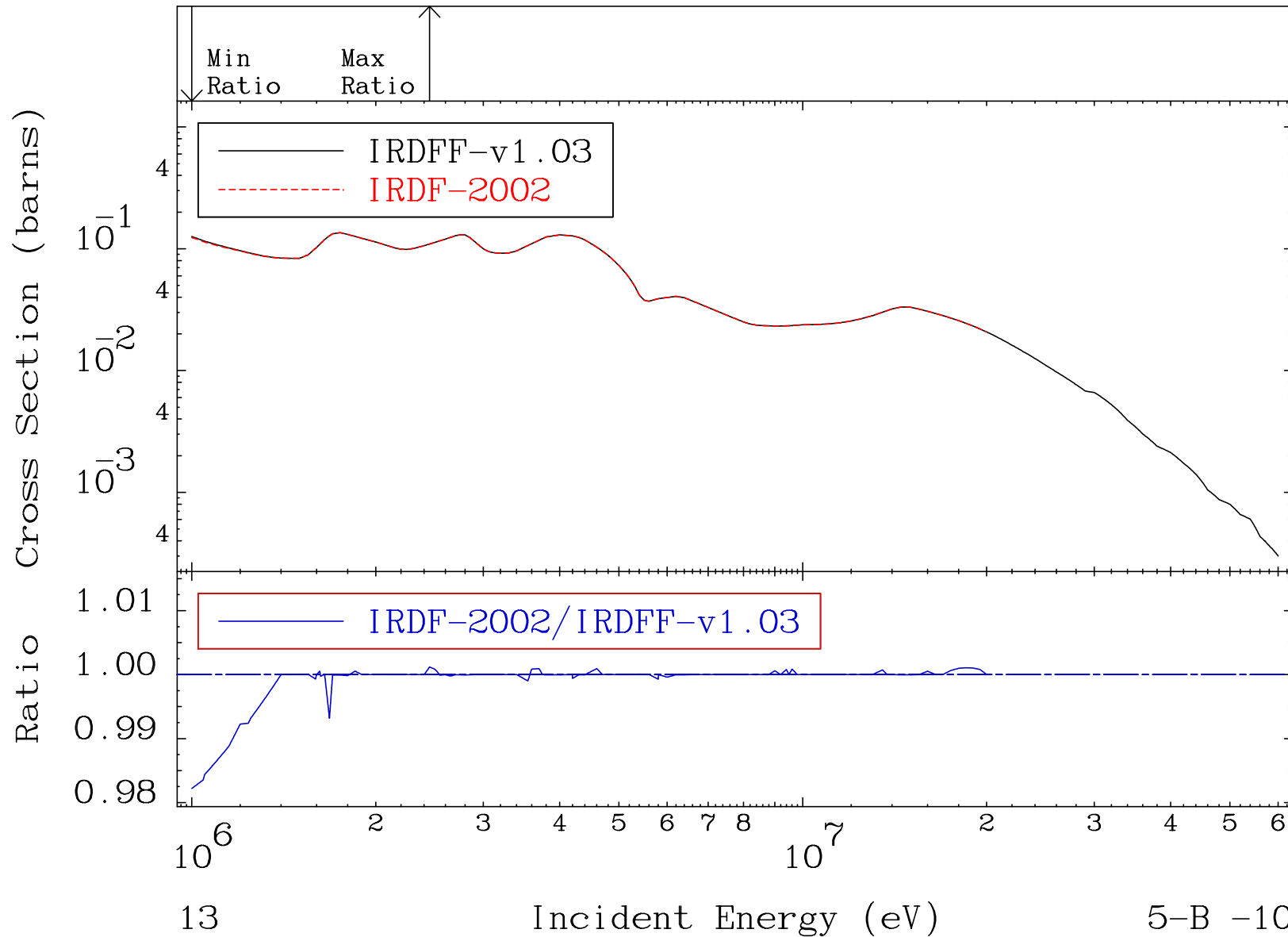
5-B -10

MAT 525

477.6 keV (n, α') Level

5-B -10

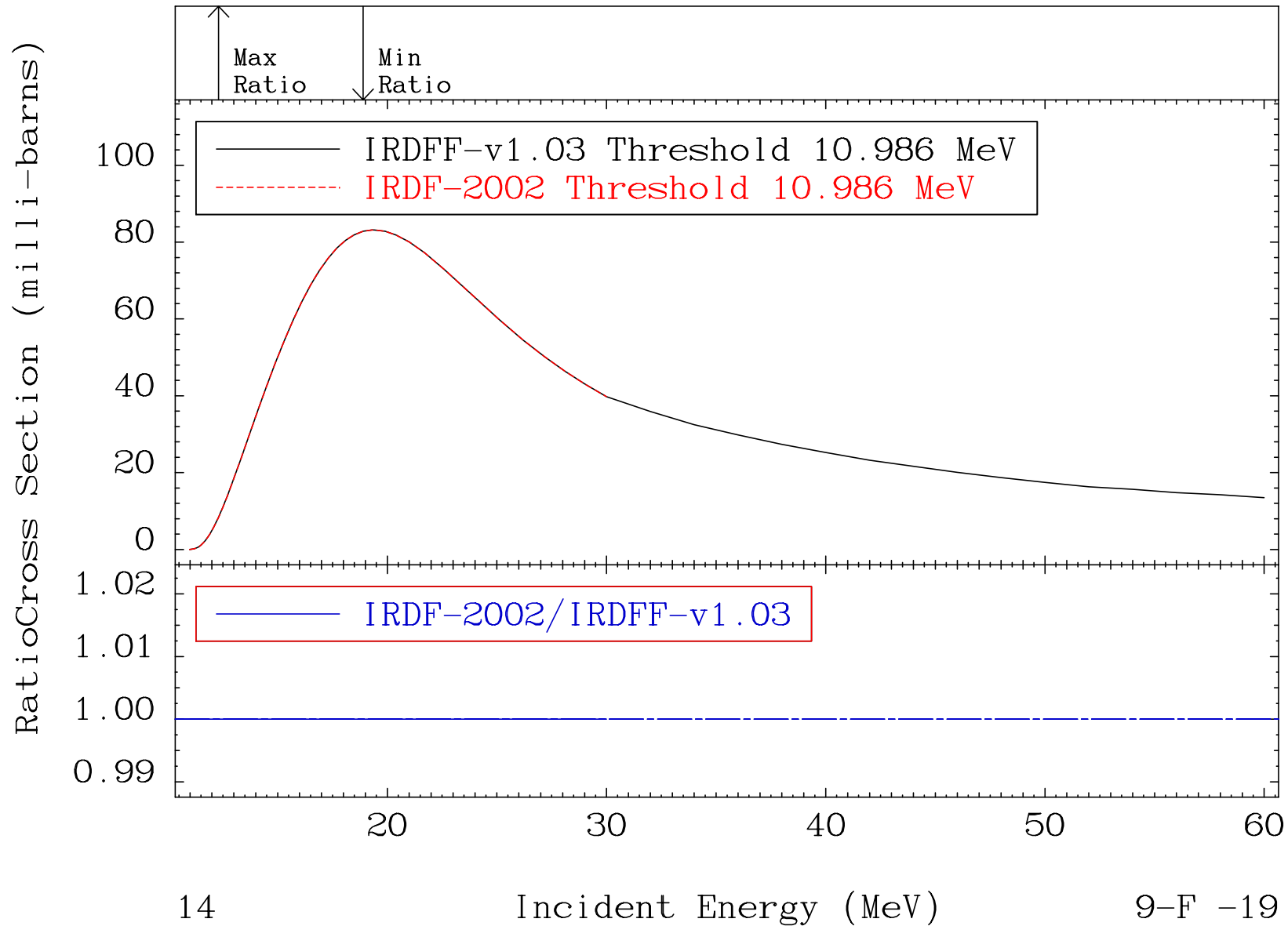
Cross Section -1.780 To 0.119 %



MAT 925

(n,2n)
Cross Section

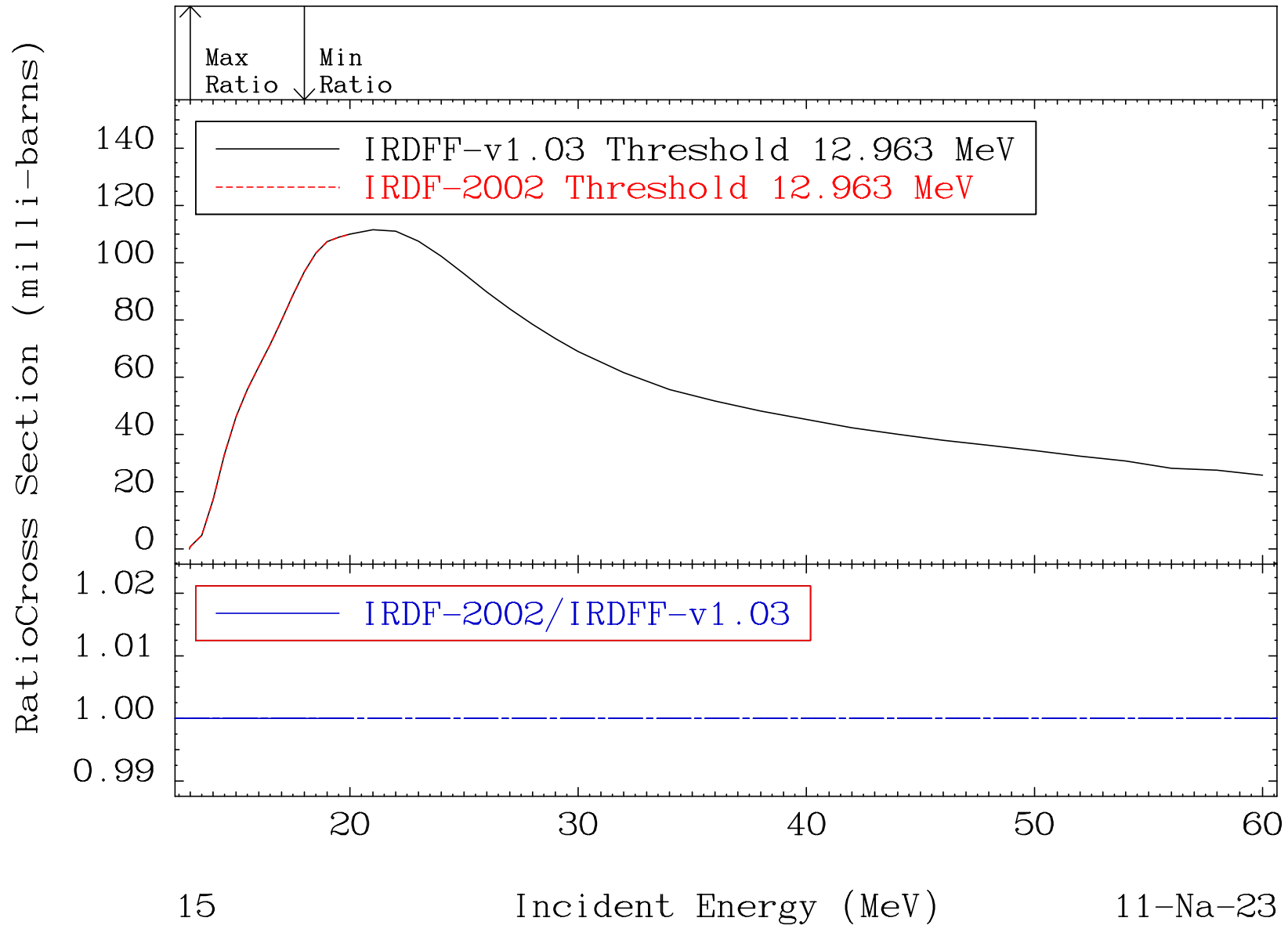
0.000 To 0.000 %
9-F -19



MAT 1125

(n,2n)
Cross Section

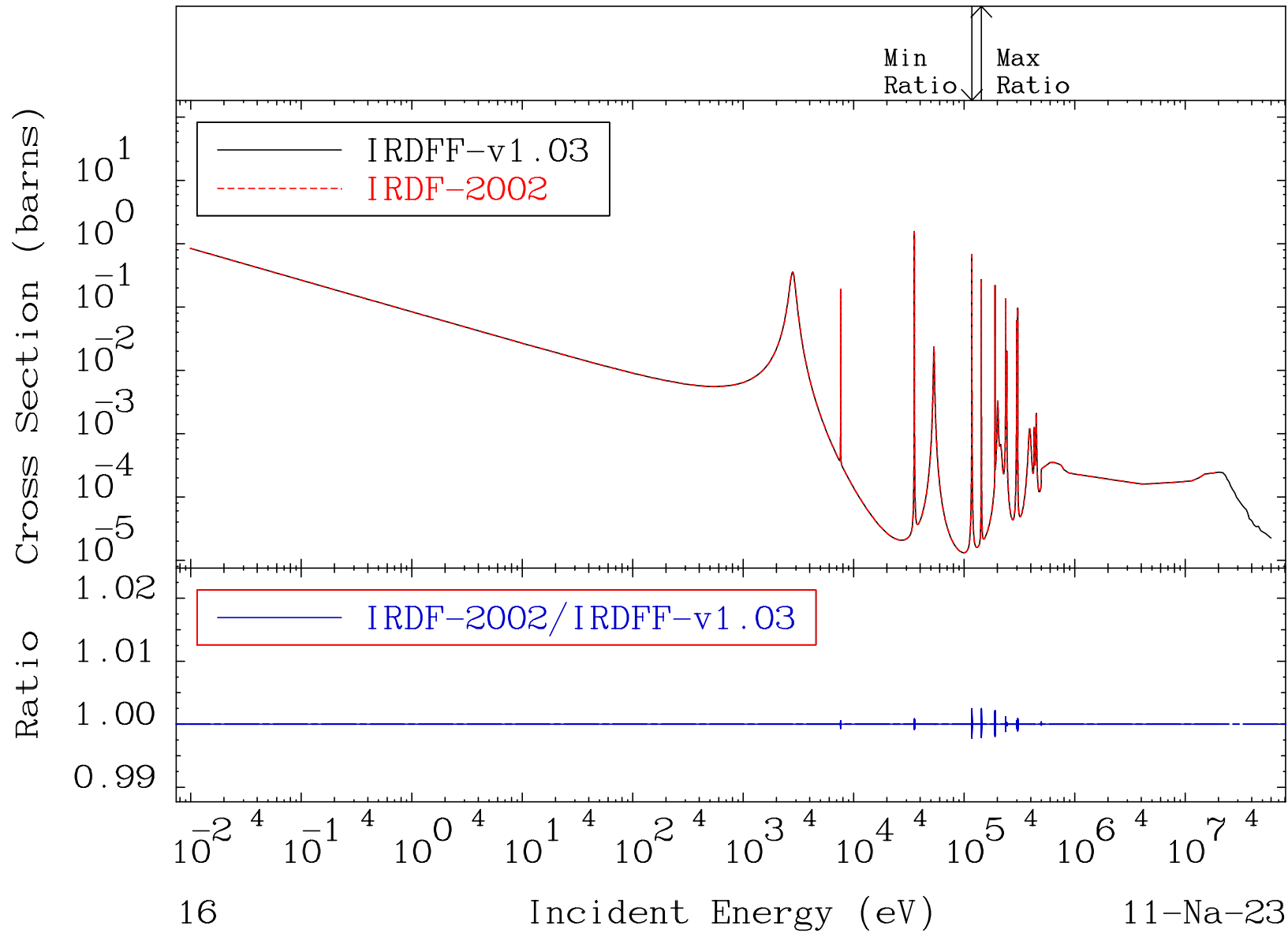
0.000 To 0.000 %
11-Na-23



MAT 1125

(n, γ)
Cross Section

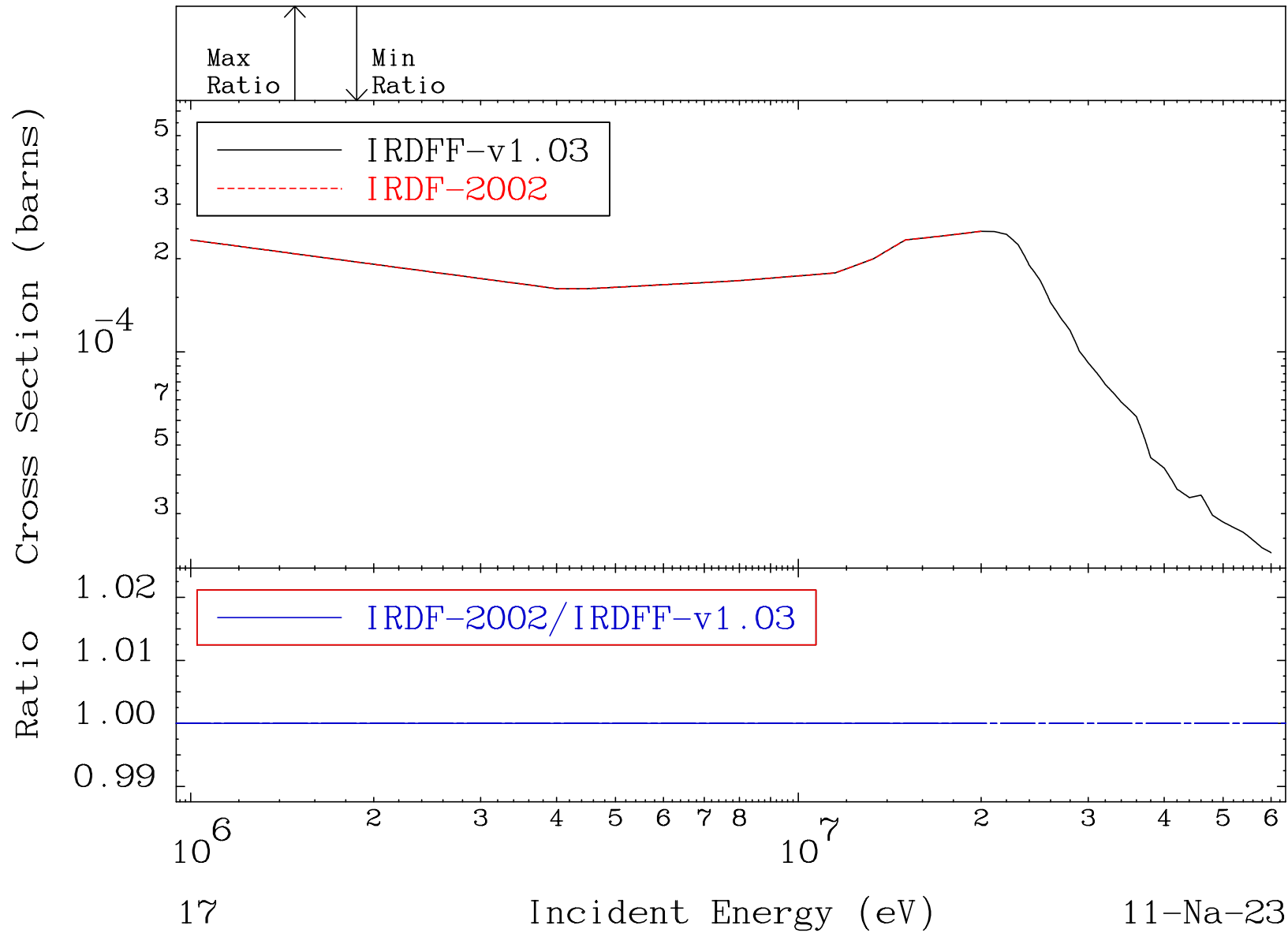
11-Na-23
-0.222 To 0.249 %



MAT 1125

(n, γ)
Cross Section

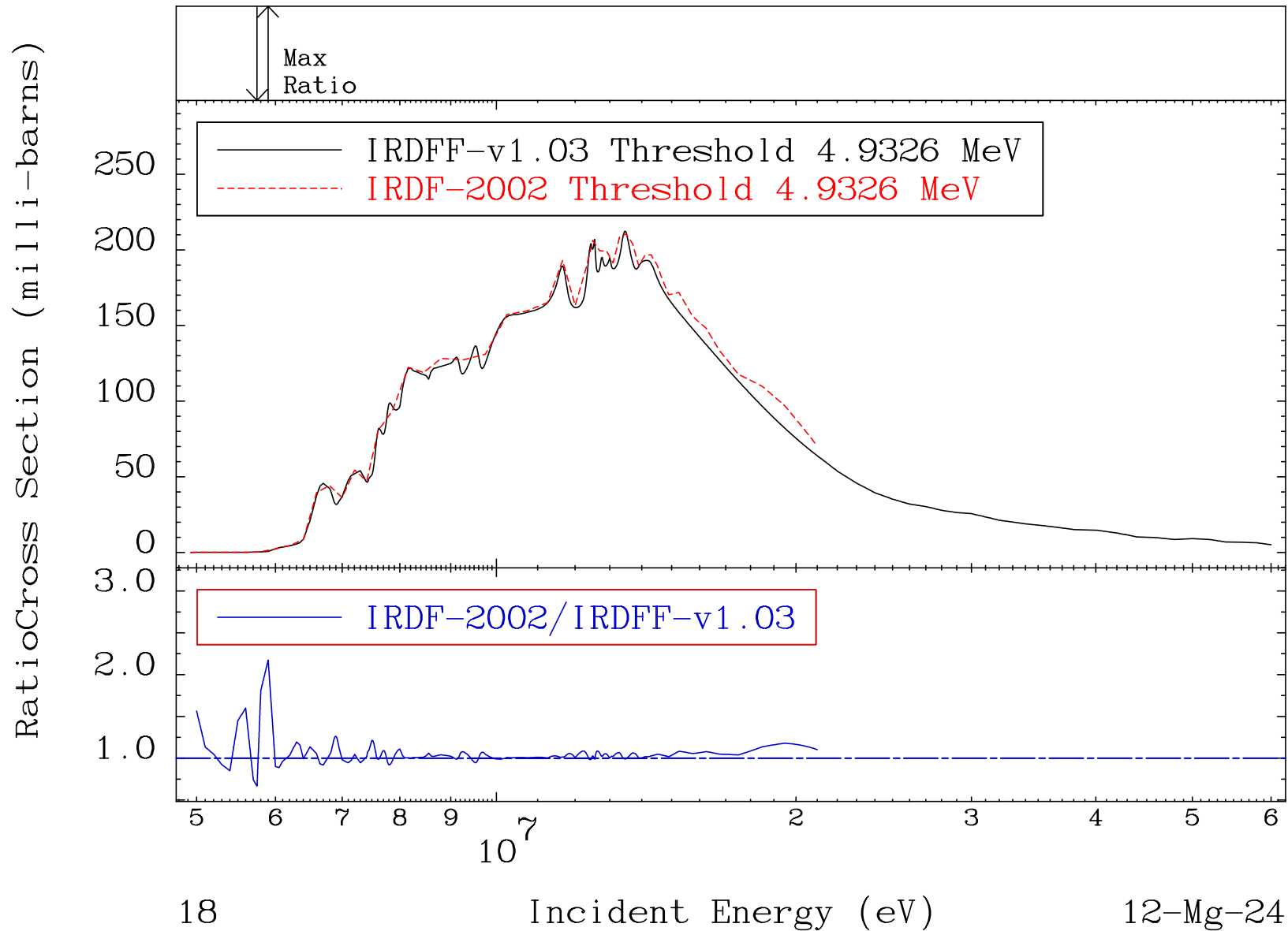
11-Na-23
0.0002 To 0.000 %



MAT 1225

(n,p)
Cross Section

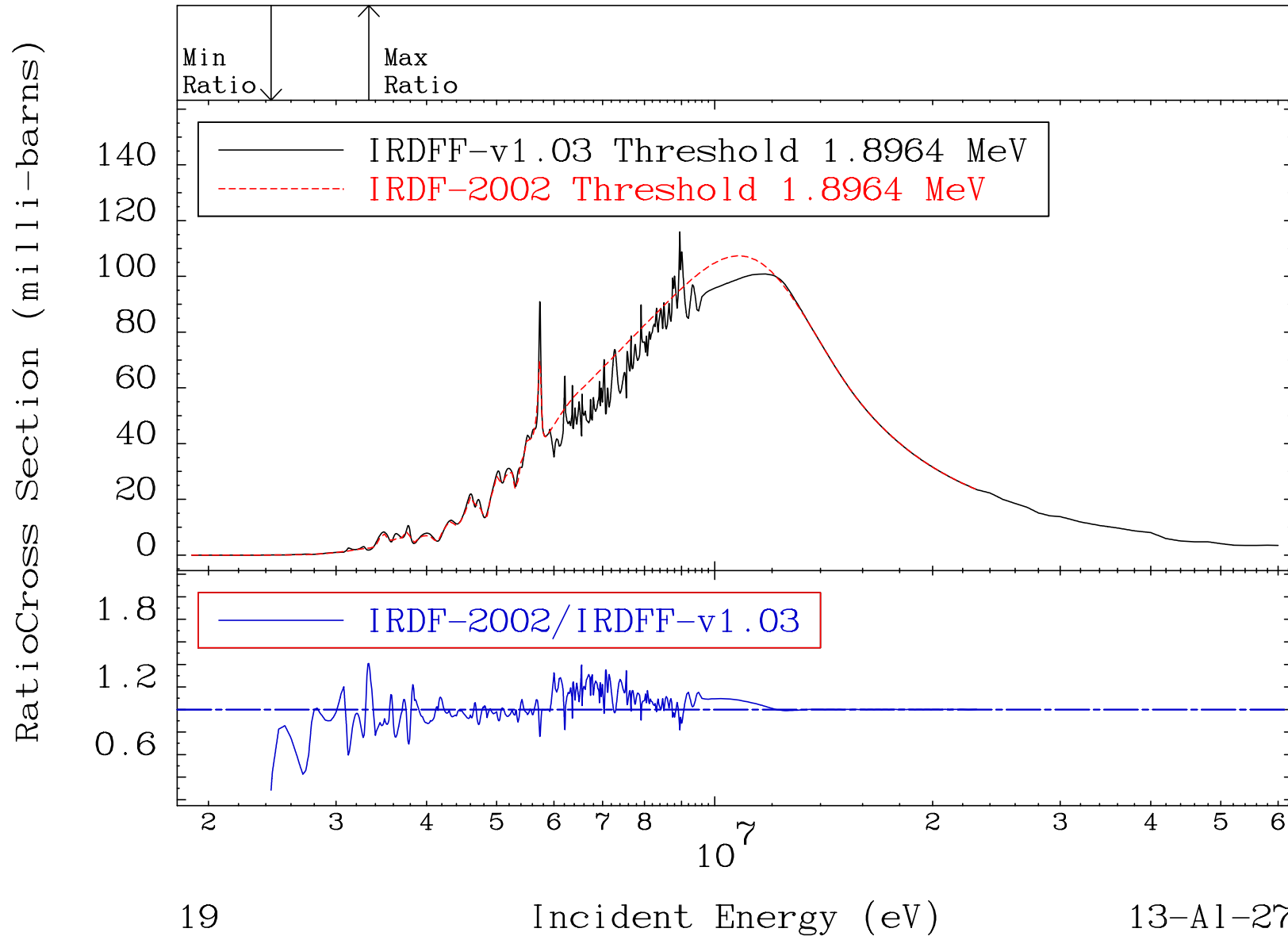
12-Mg-24
-33.33 To 117.4 %



MAT 1325

(n,p)
Cross Section

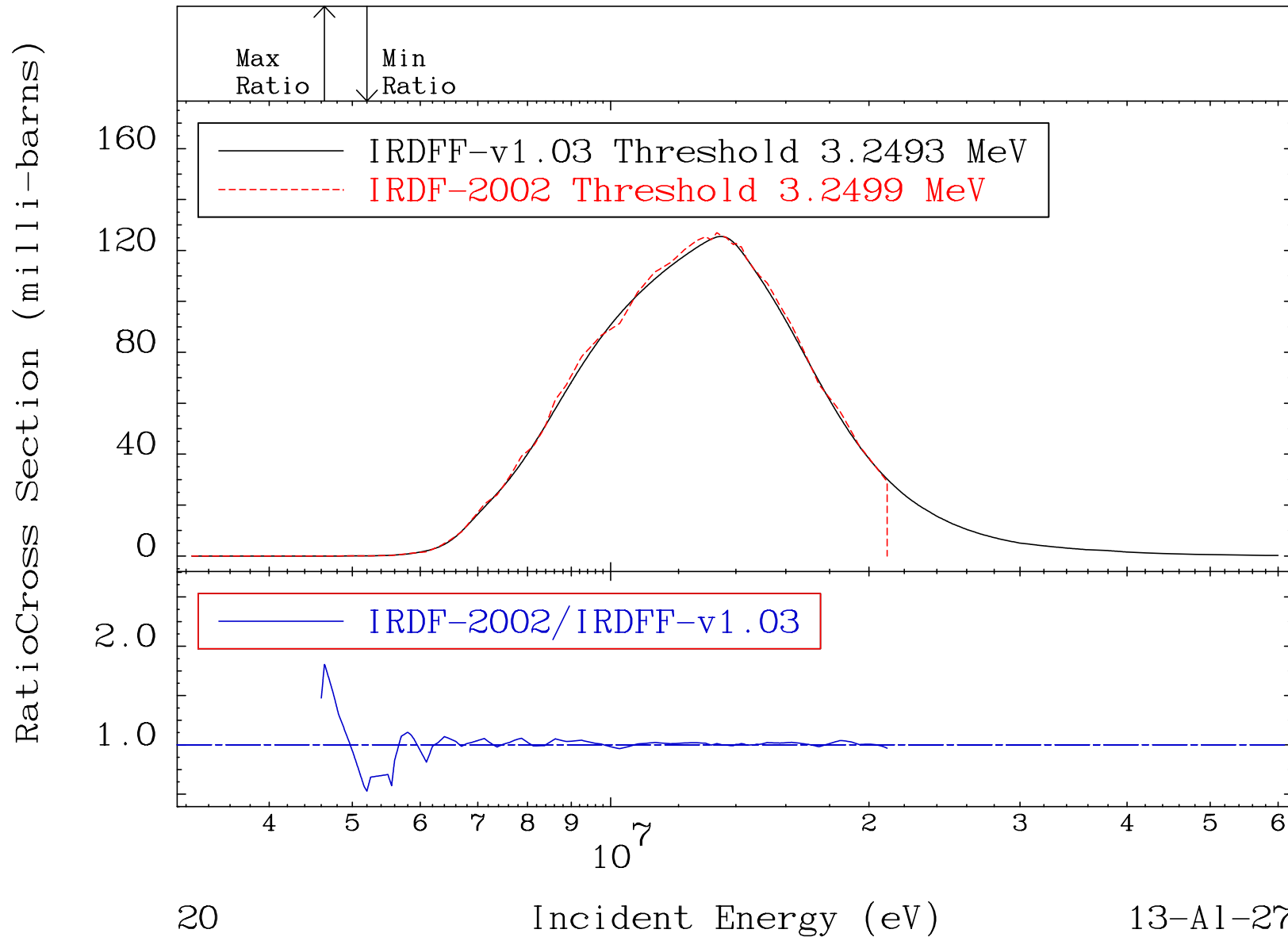
13-A1-27
-71.63 To 40.93 %



MAT 1325

(n, α)
Cross Section

13-A1-27
-46.93 To 81.73 %



20

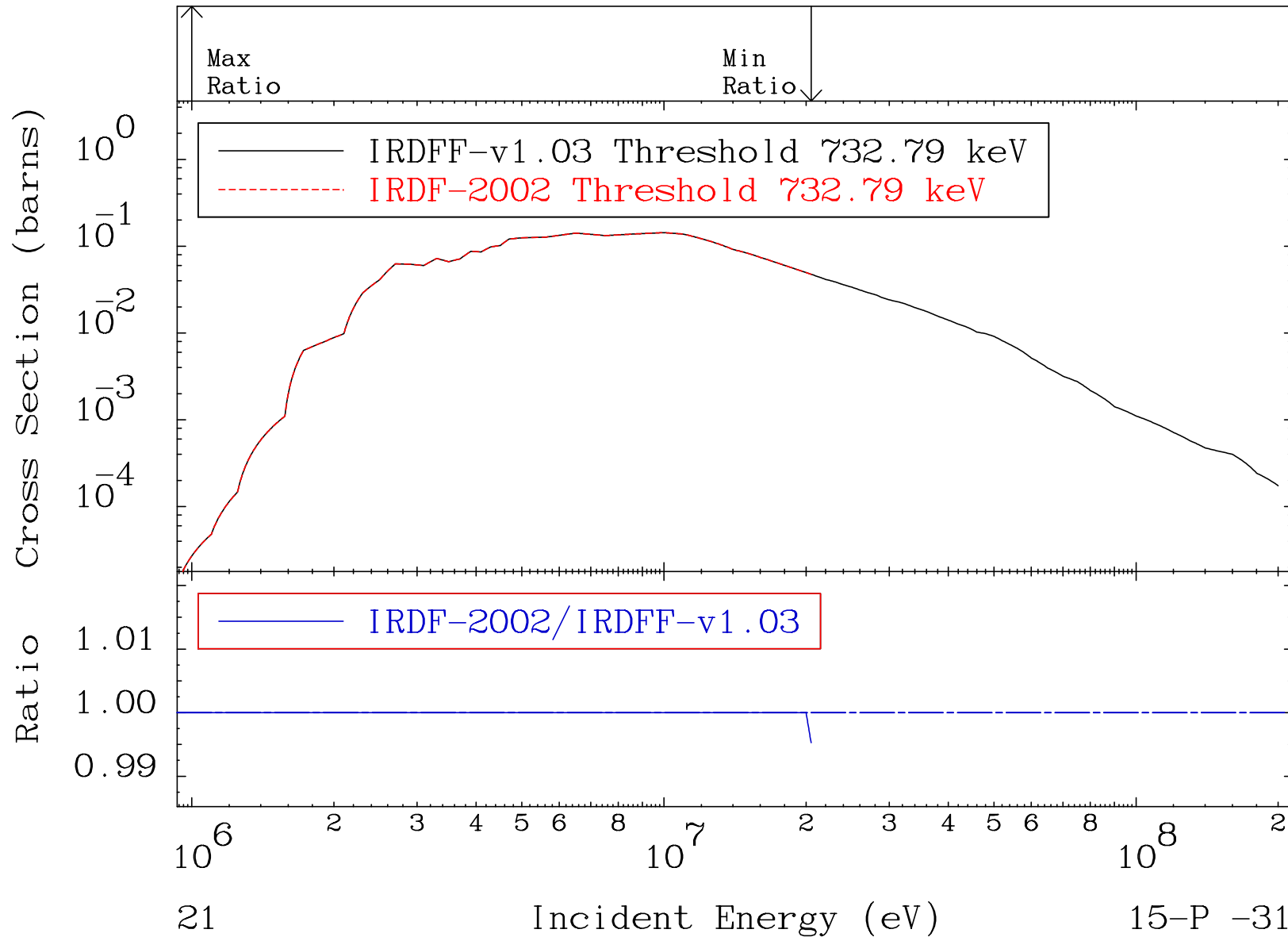
Incident Energy (eV)

13-A1-27

MAT 1525

(n,p)
Cross Section

15-P -31
-0.474 To 0.000 %



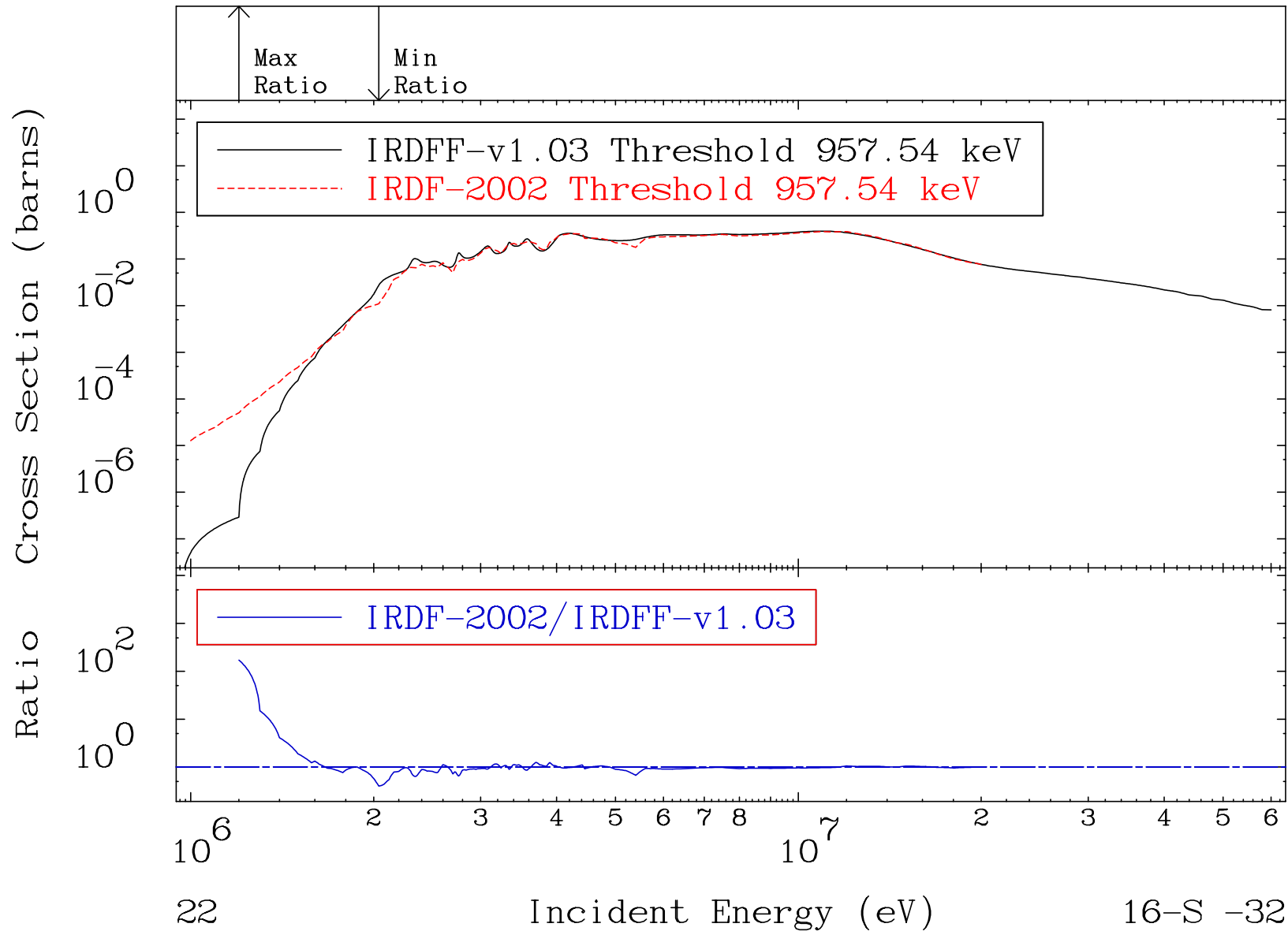
21

15-P -31

MAT 1625

(n,p)
Cross Section

16-S -32
-60.00 To 9999. %



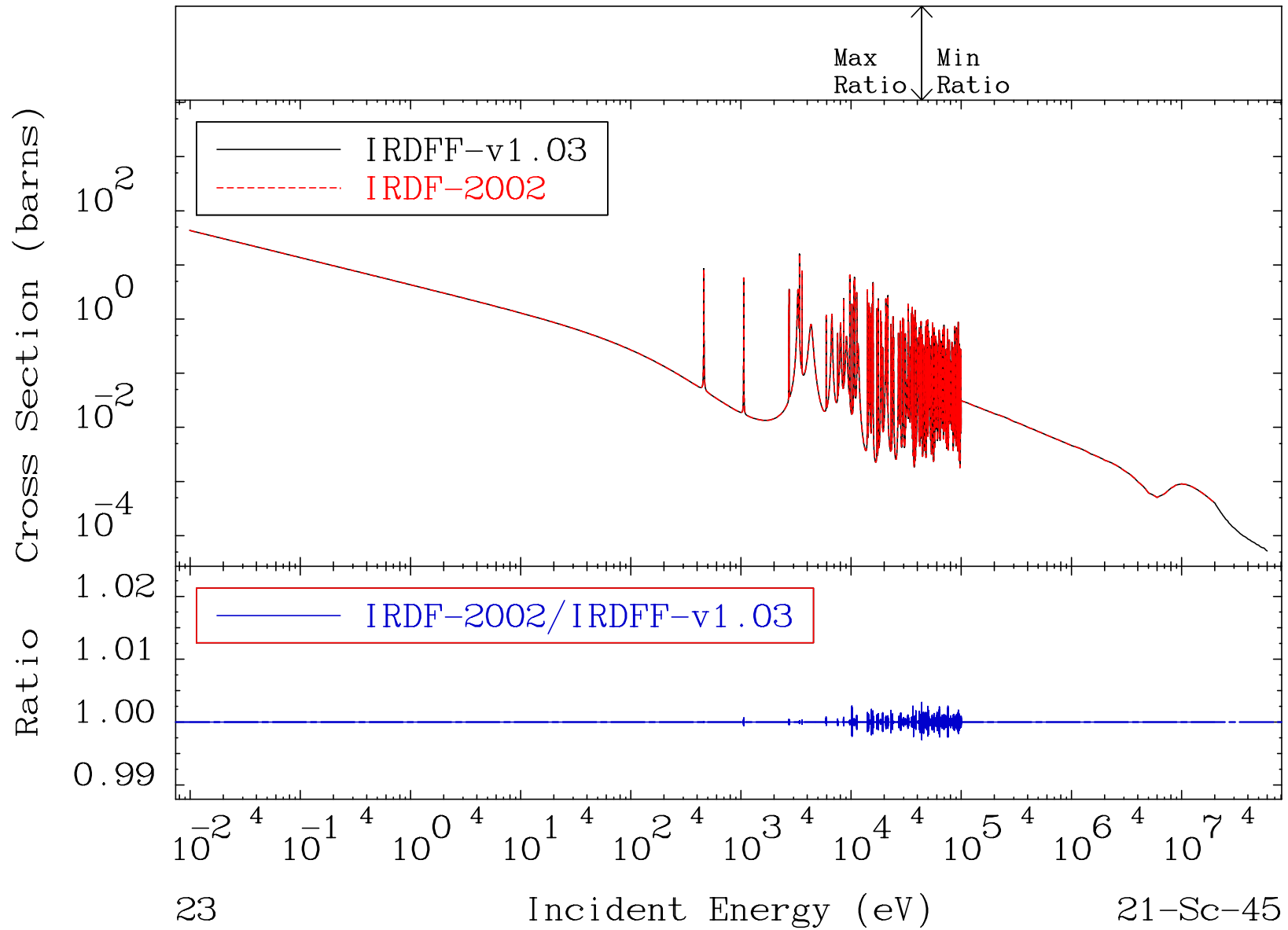
22

16-S -32

MAT 2125

(n, γ)
Cross Section

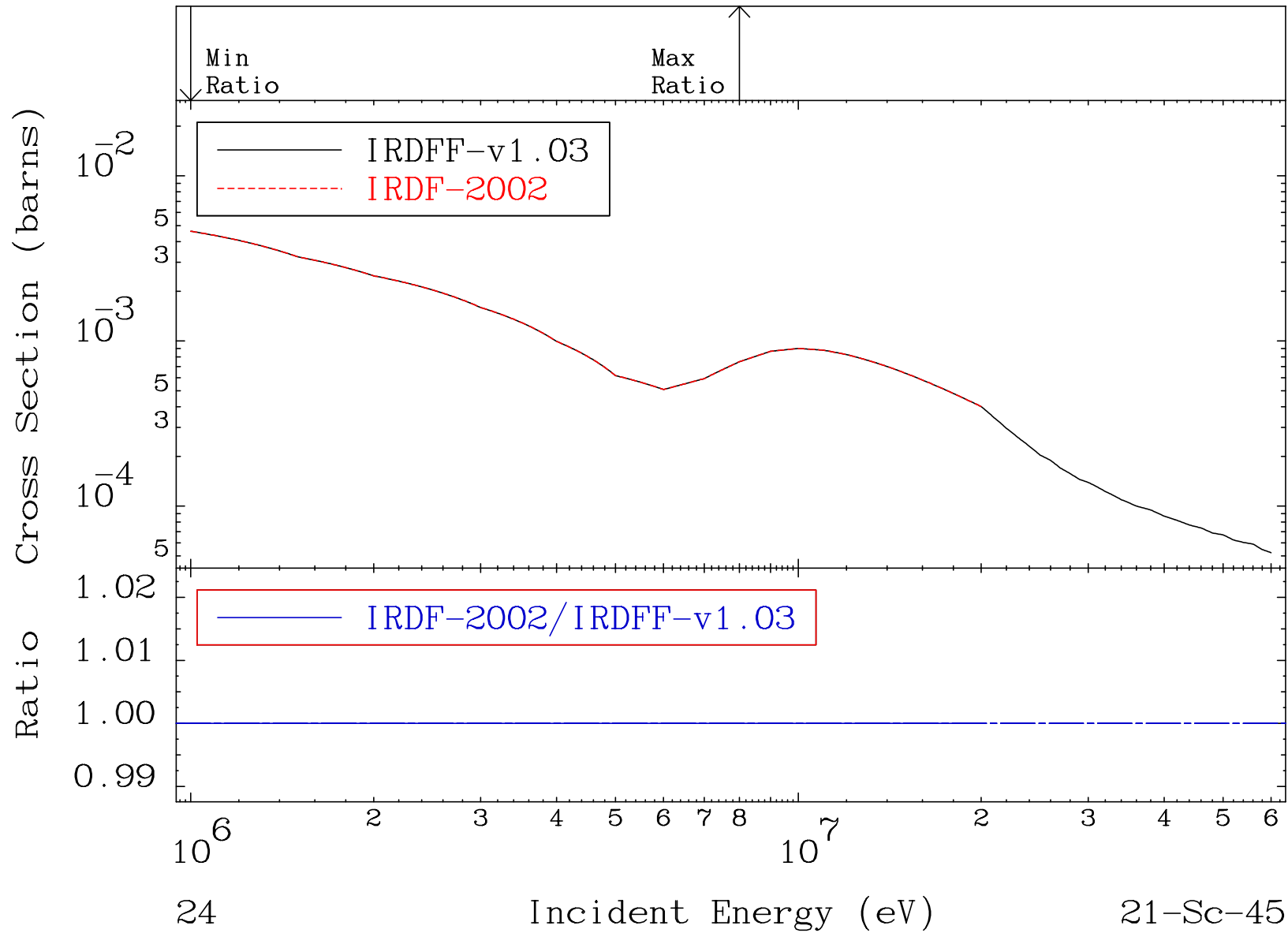
21-Sc-45
-0.281 To 0.312 %



MAT 2125

(n, γ)
Cross Section

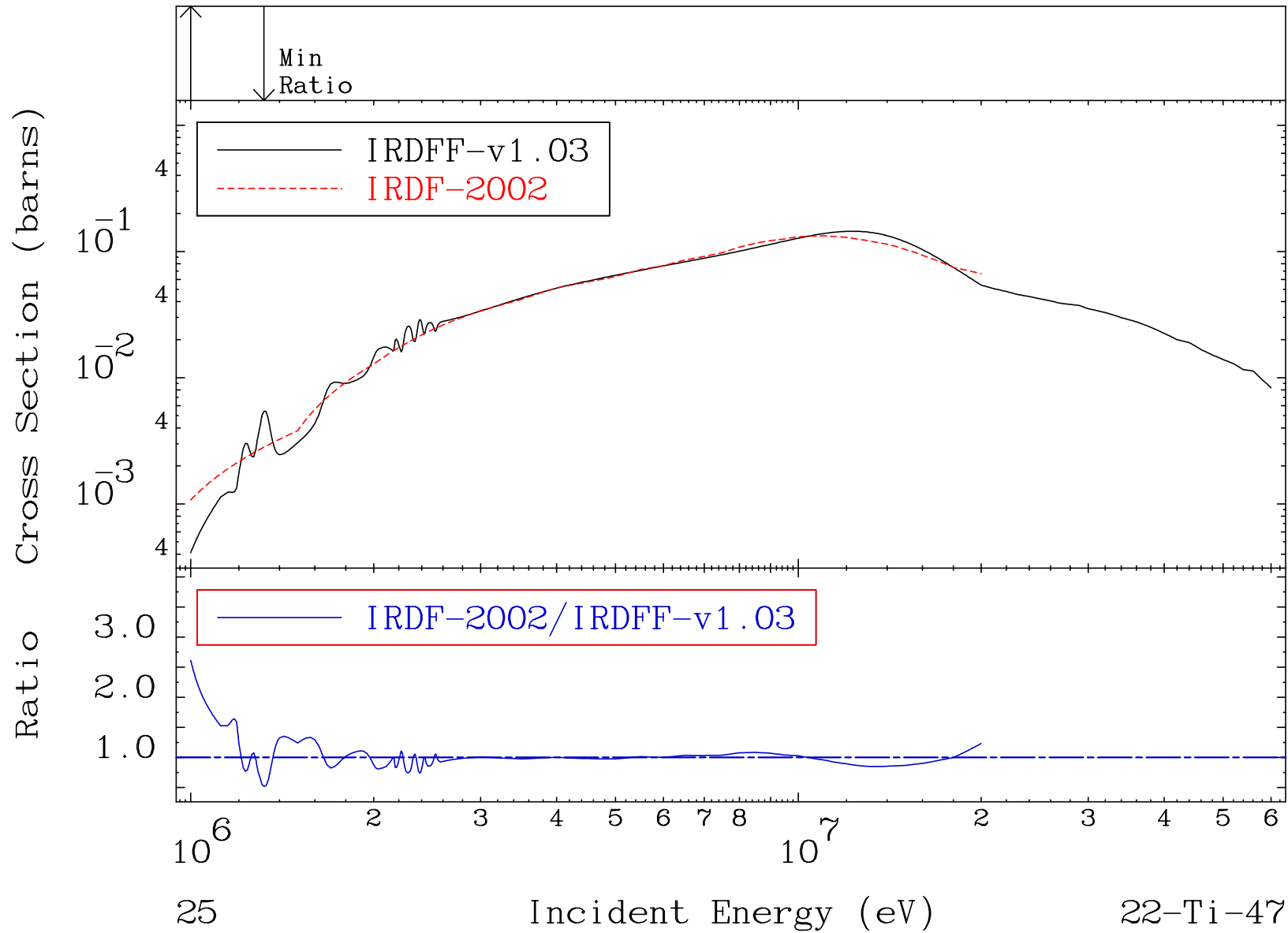
21-Sc-45
0.0001 To 0.000 %



MAT 2228

(n,p)
Cross Section

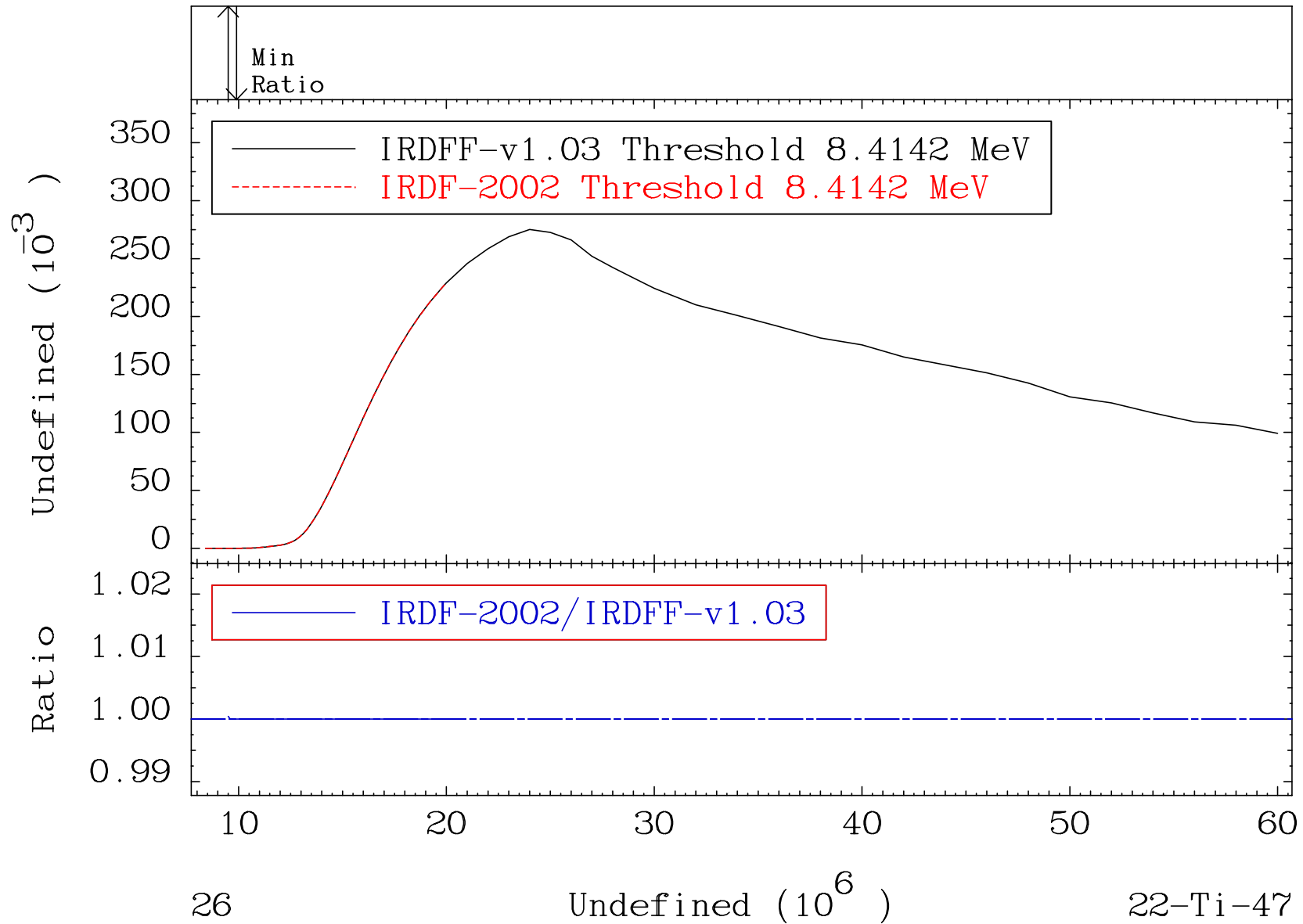
²²Ti-47
-48.09 To 161.3 %



MAT 2228

(n,remainder)
Undefined

22-Ti-47
0.000 To 0.045 %



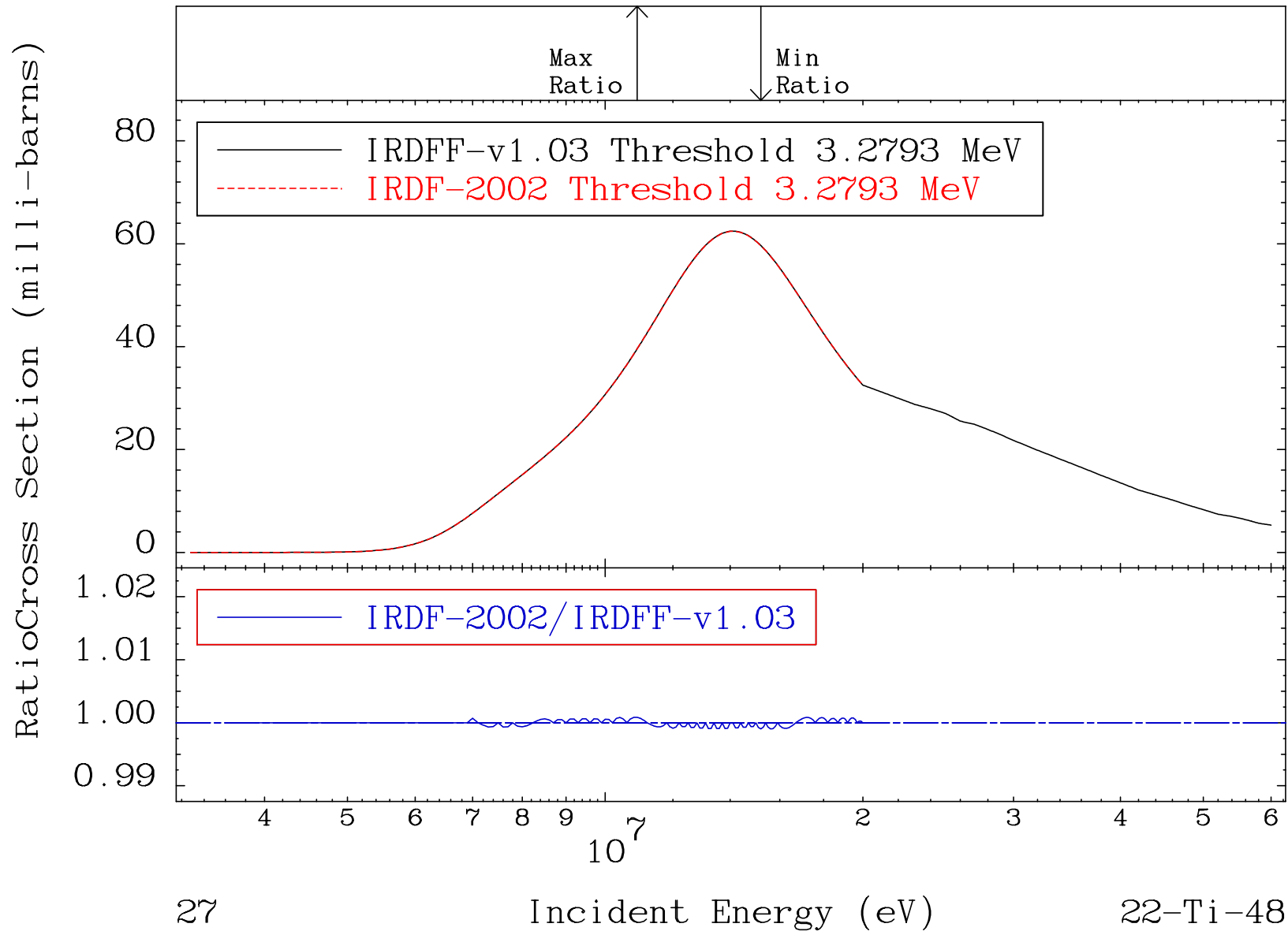
MAT 2231

(n,p)

22-Ti-48

Cross Section

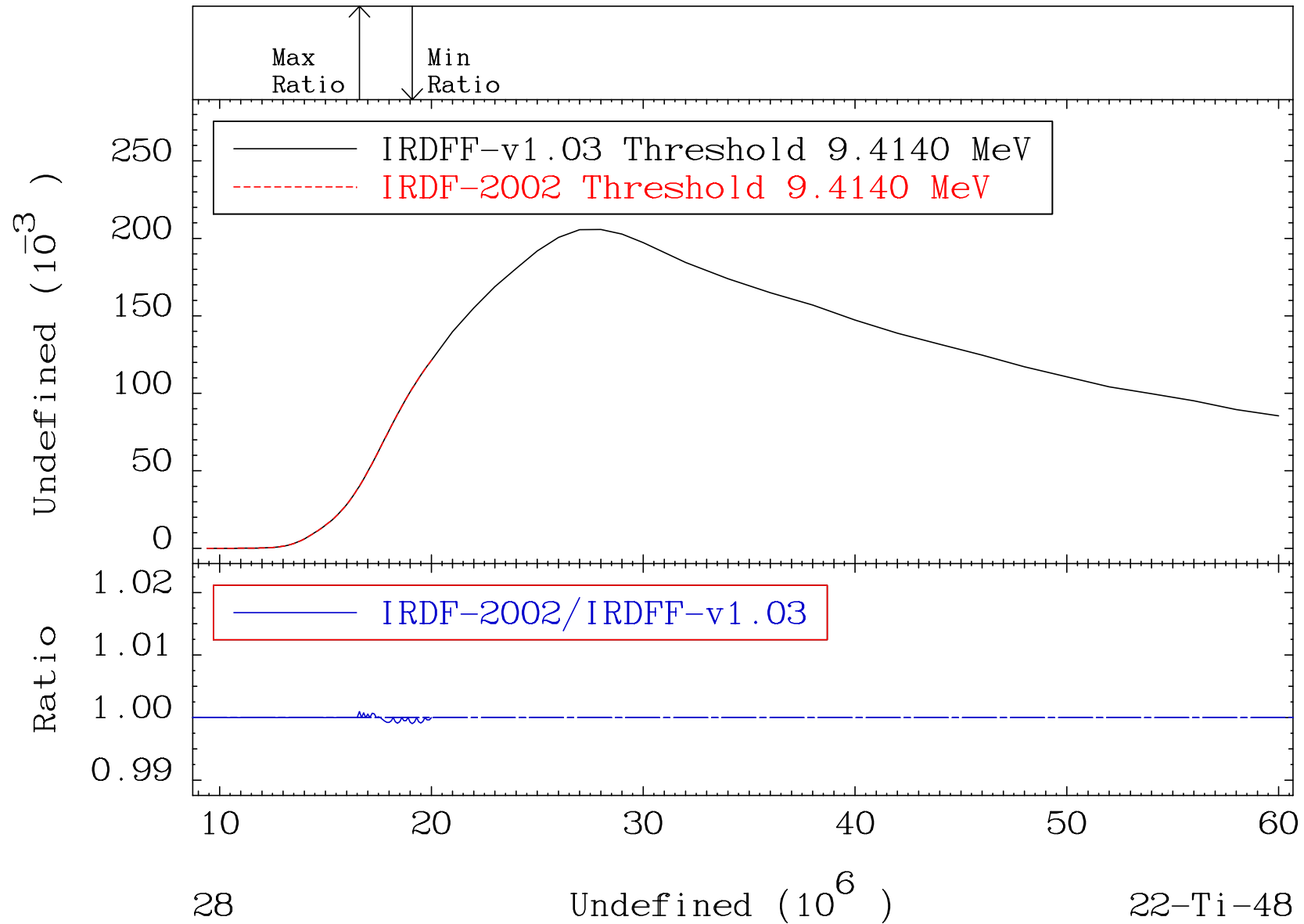
-0.097 To 0.086 %



MAT 2231

(n,remainder)
Undefined

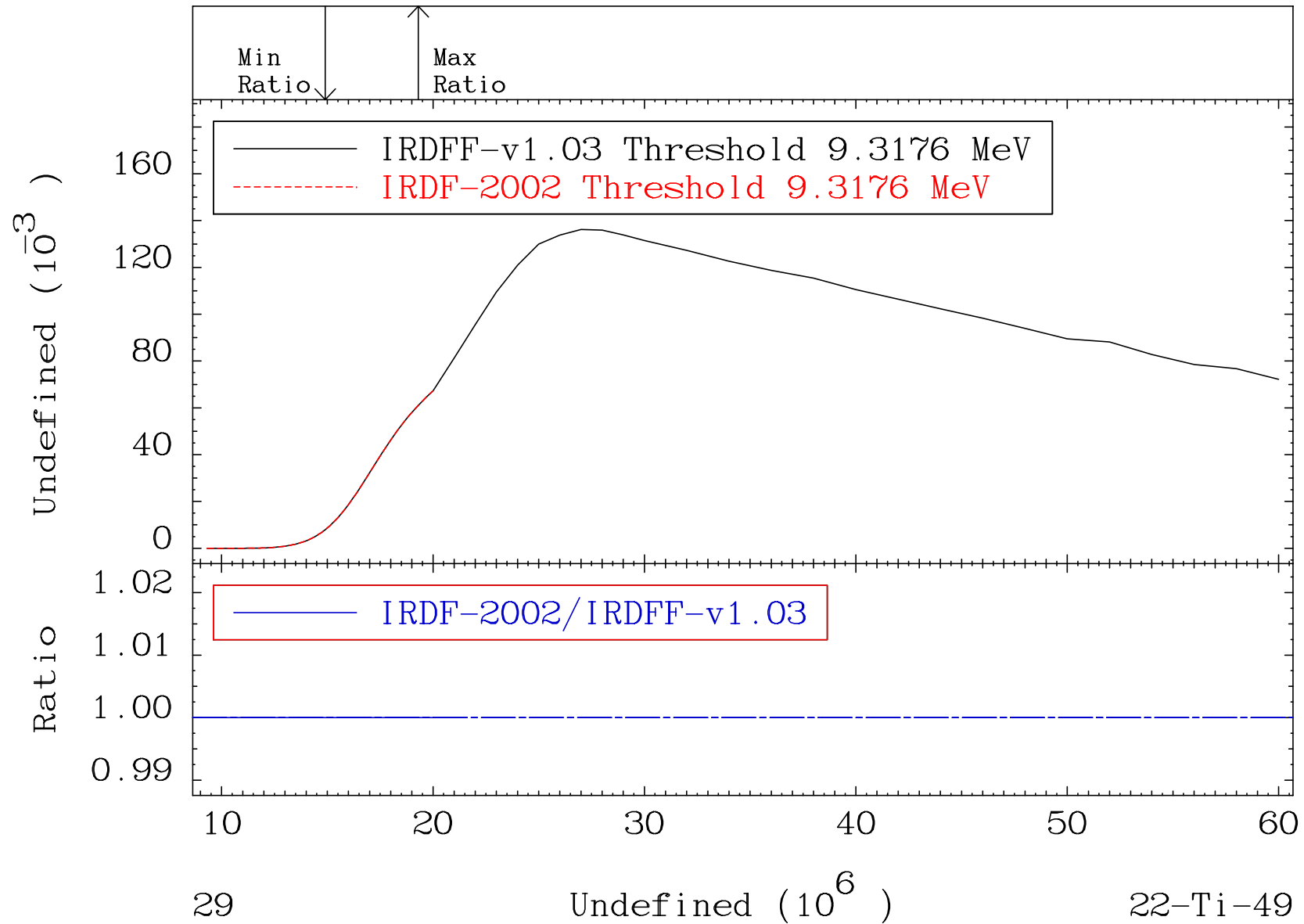
22-Ti-48
-0.098 To 0.096 %



MAT 2234

(n,remainder)
Undefined

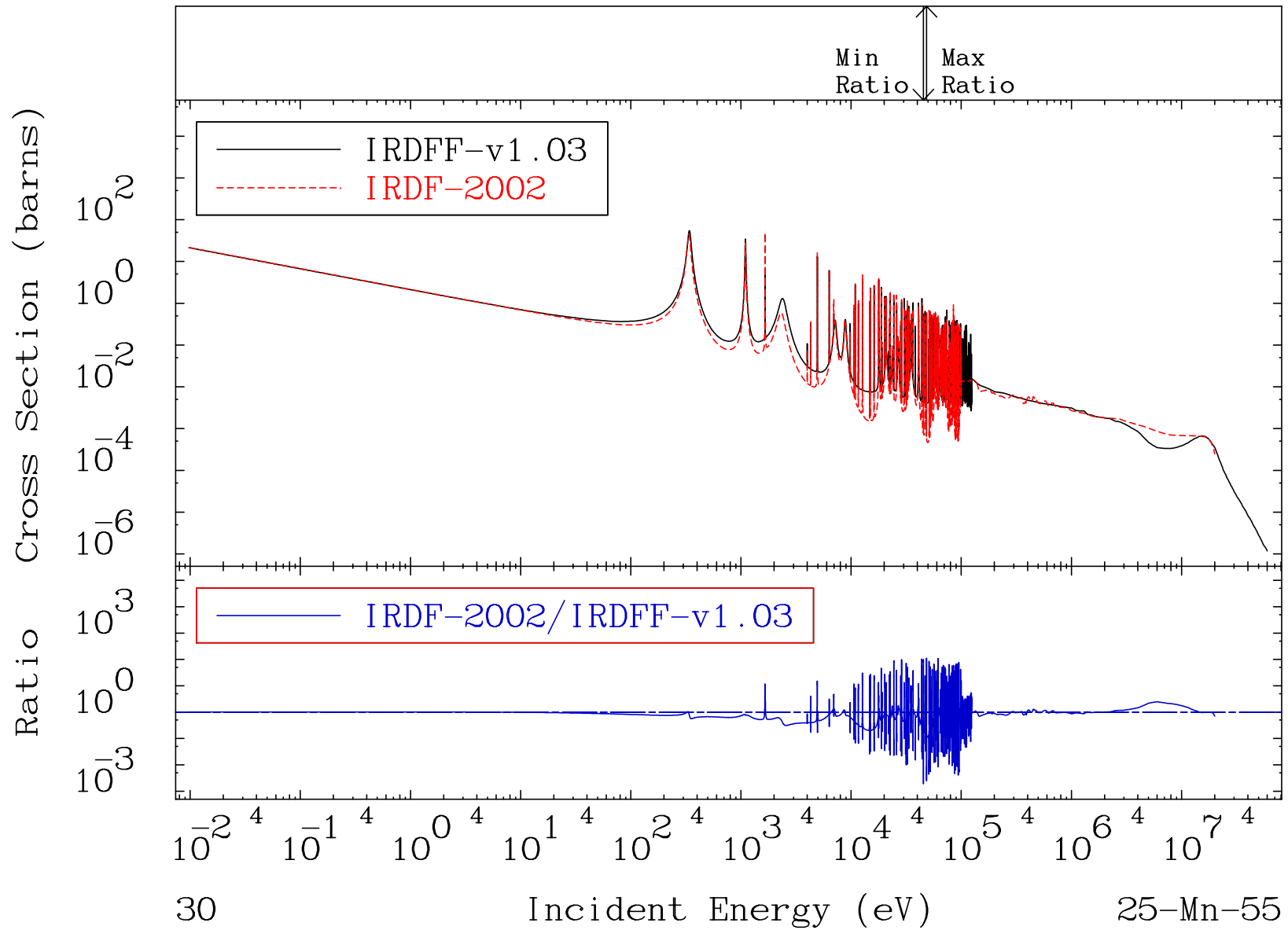
22-Ti-49
0.000 To 0.000 %



MAT 2525

(n, γ)
Cross Section

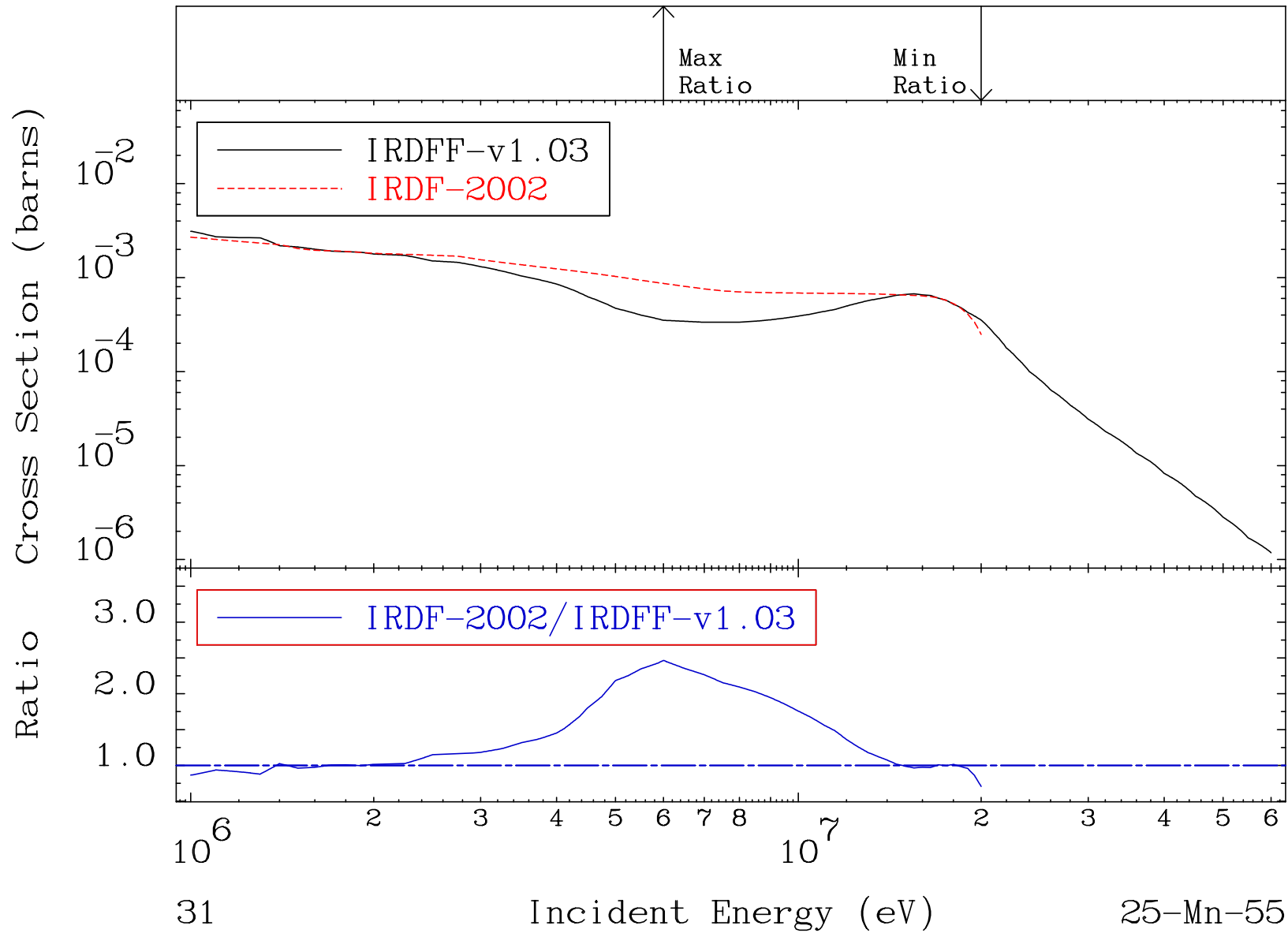
25-Mn-55
-99.81 To 9999. %



MAT 2525

(n, γ)
Cross Section

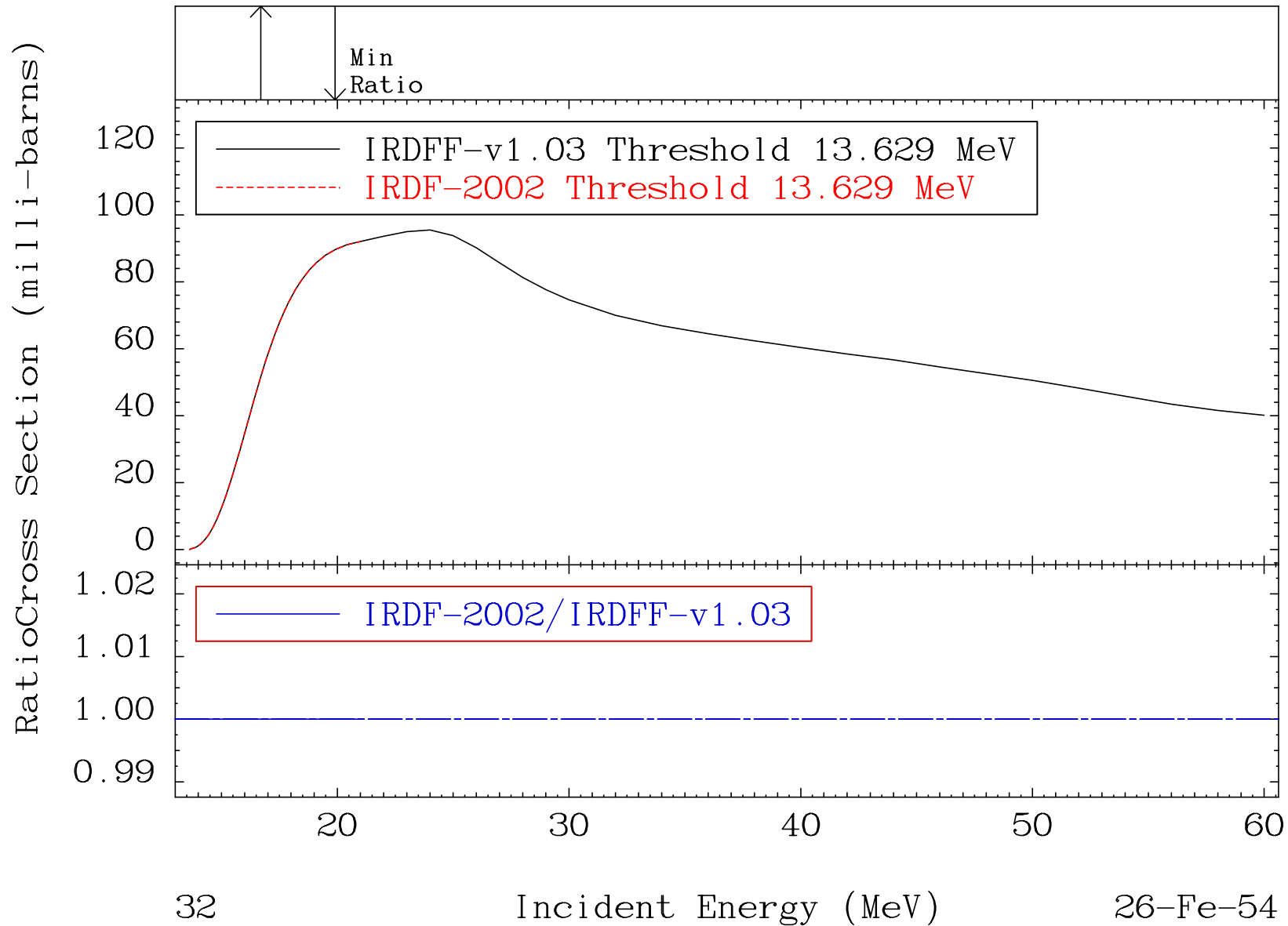
25-Mn-55
-29.37 To 146.6 %



MAT 2625

(n,2n)
Cross Section

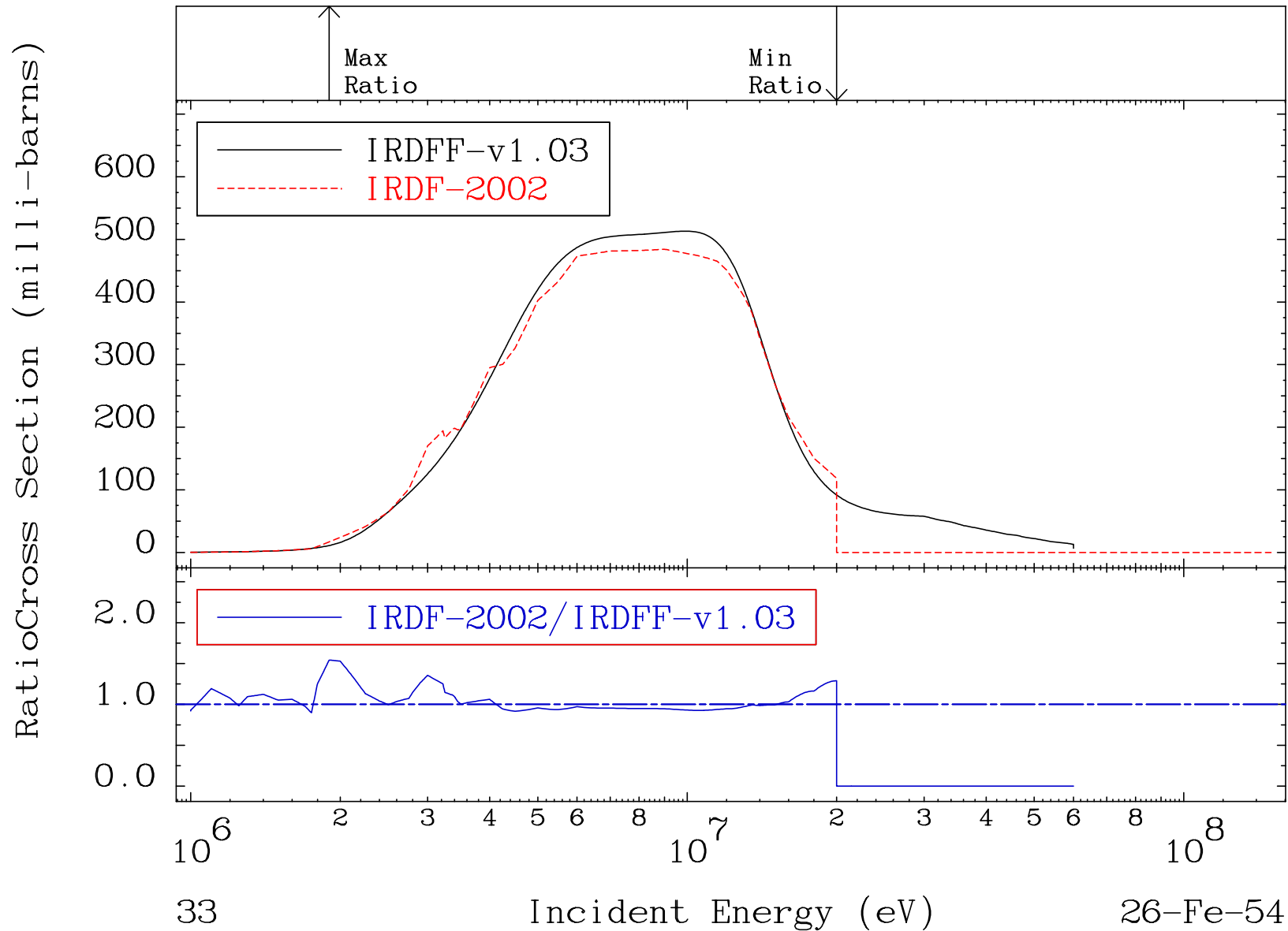
0.000 To 0.000 %
26-Fe-54



MAT 2625

(n,p)
Cross Section

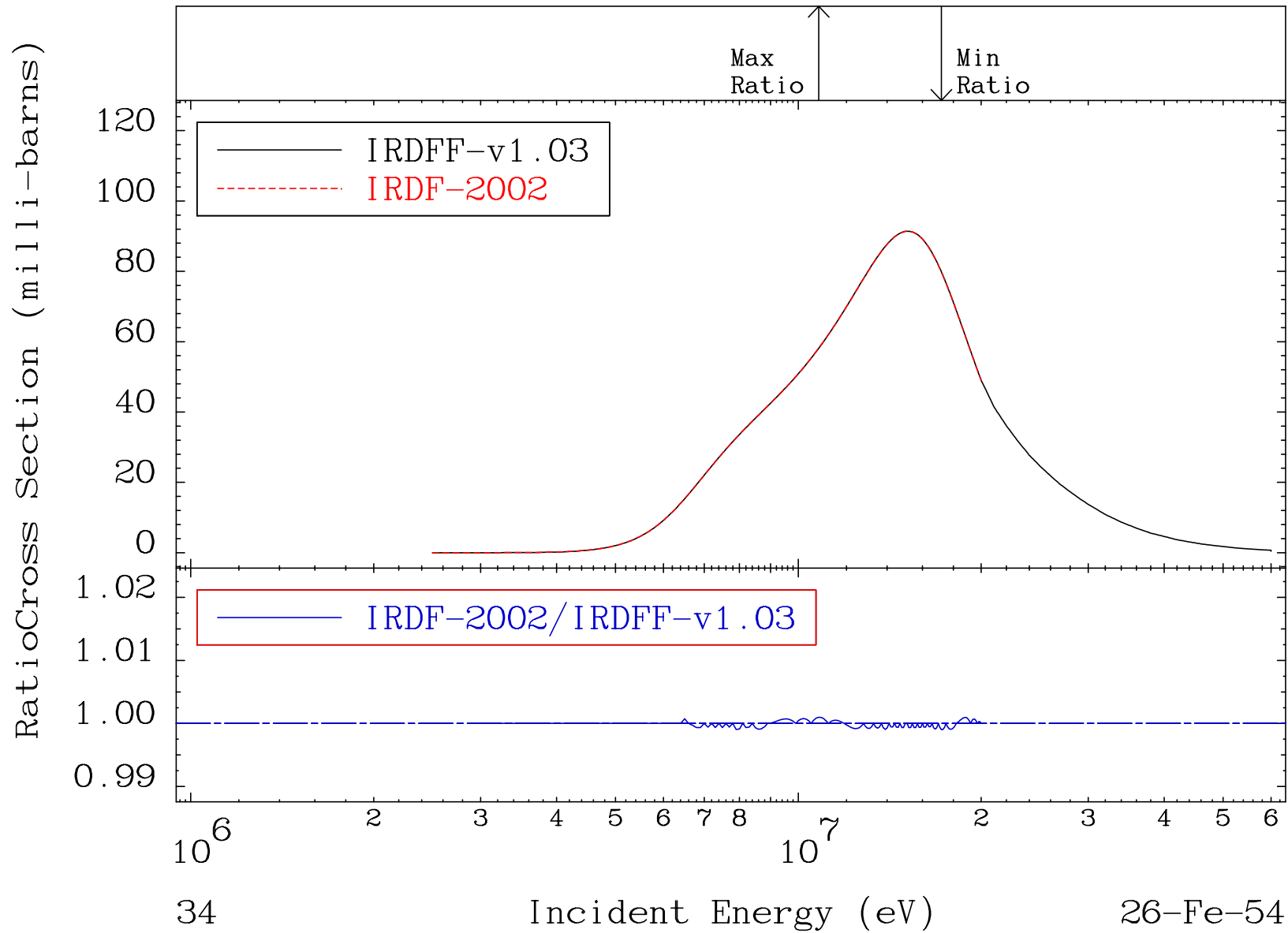
²⁶Fe-54
-100.0 To 54.25 %



MAT 2625

(n, α)
Cross Section

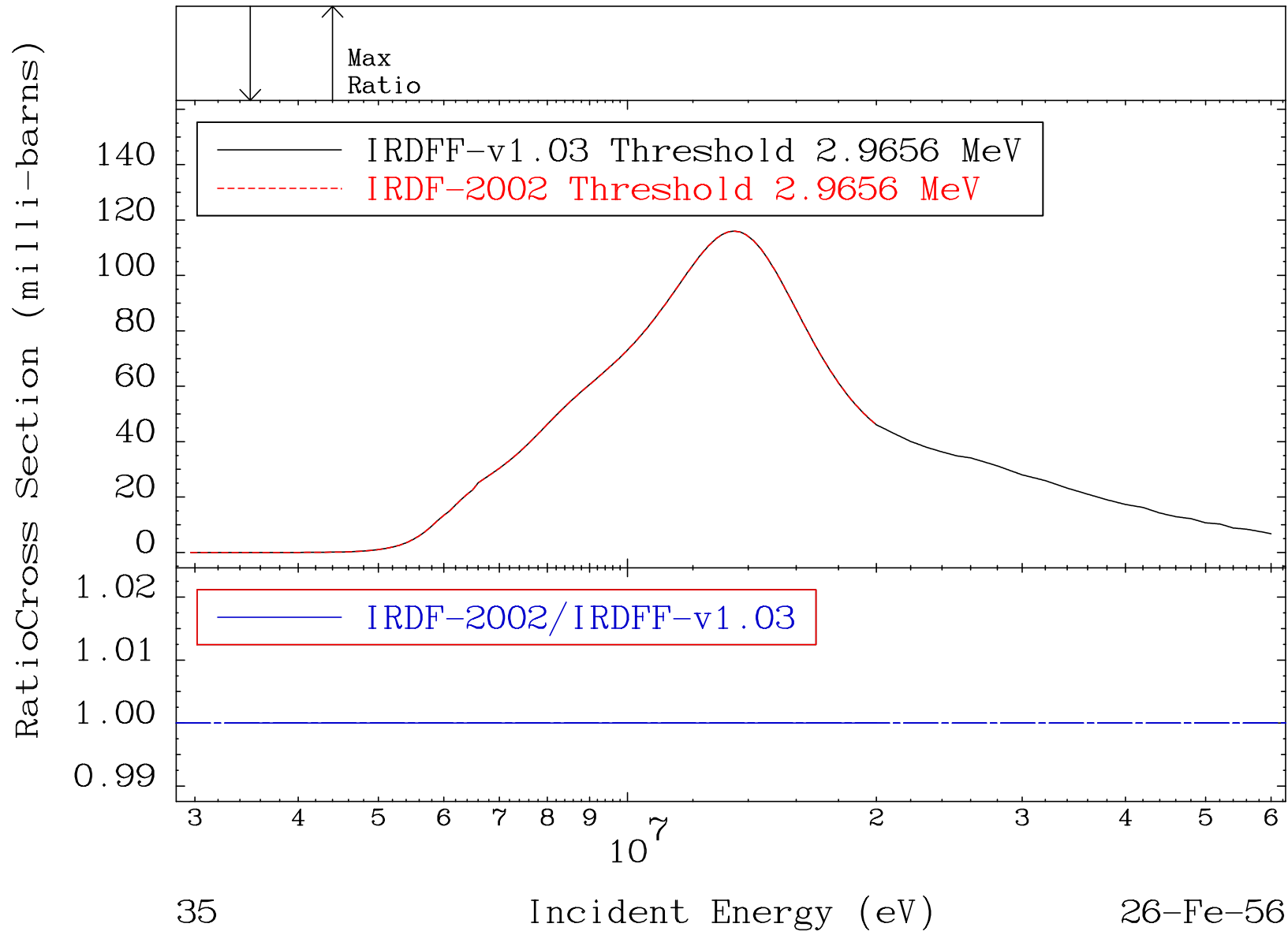
$^{26}\text{Fe-54}$
-0.098 To 0.099 %



MAT 2631

(n,p)
Cross Section

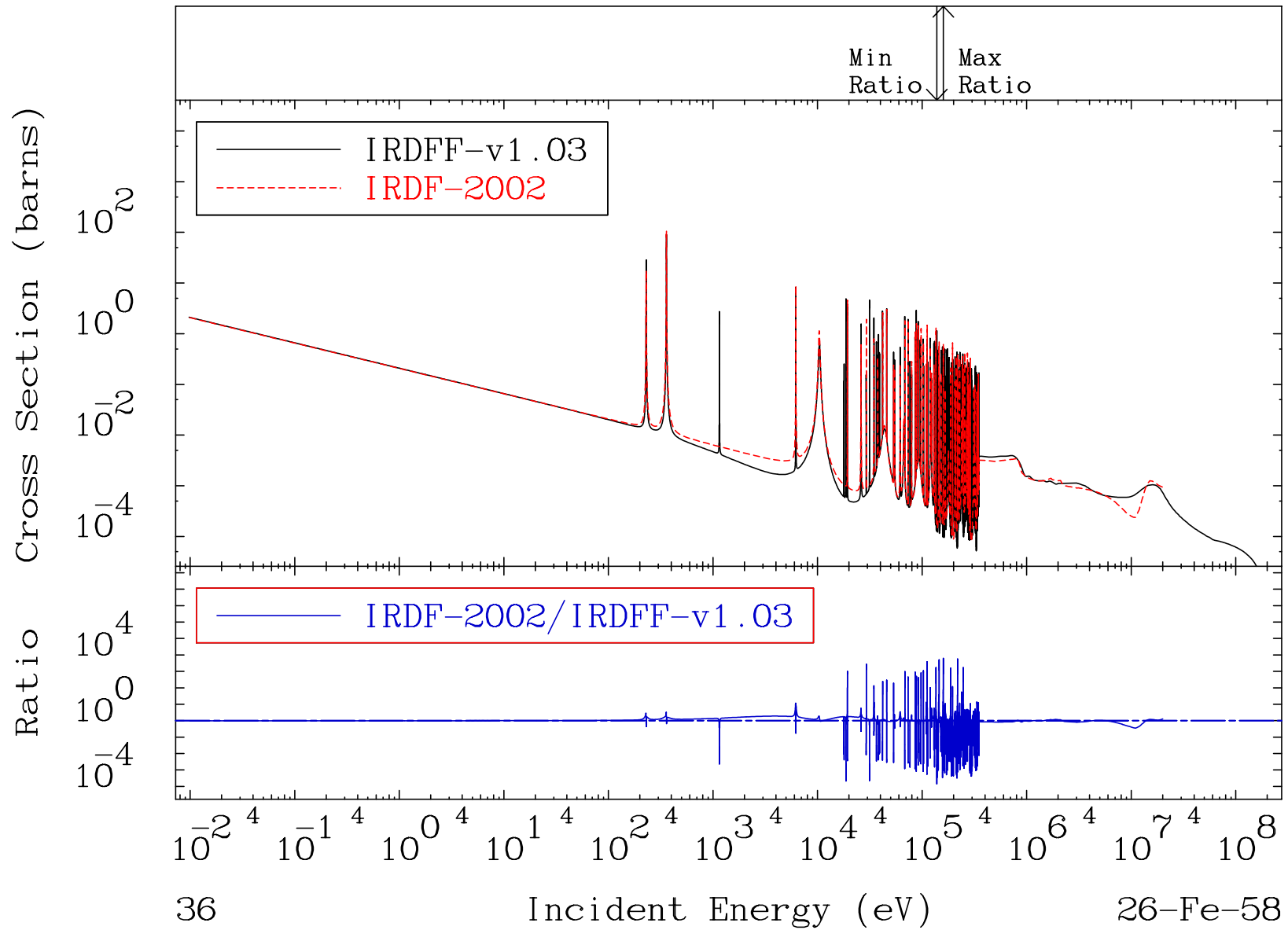
0.000 To 0.000 %
26-Fe-56



MAT 2637

(n, γ)
Cross Section

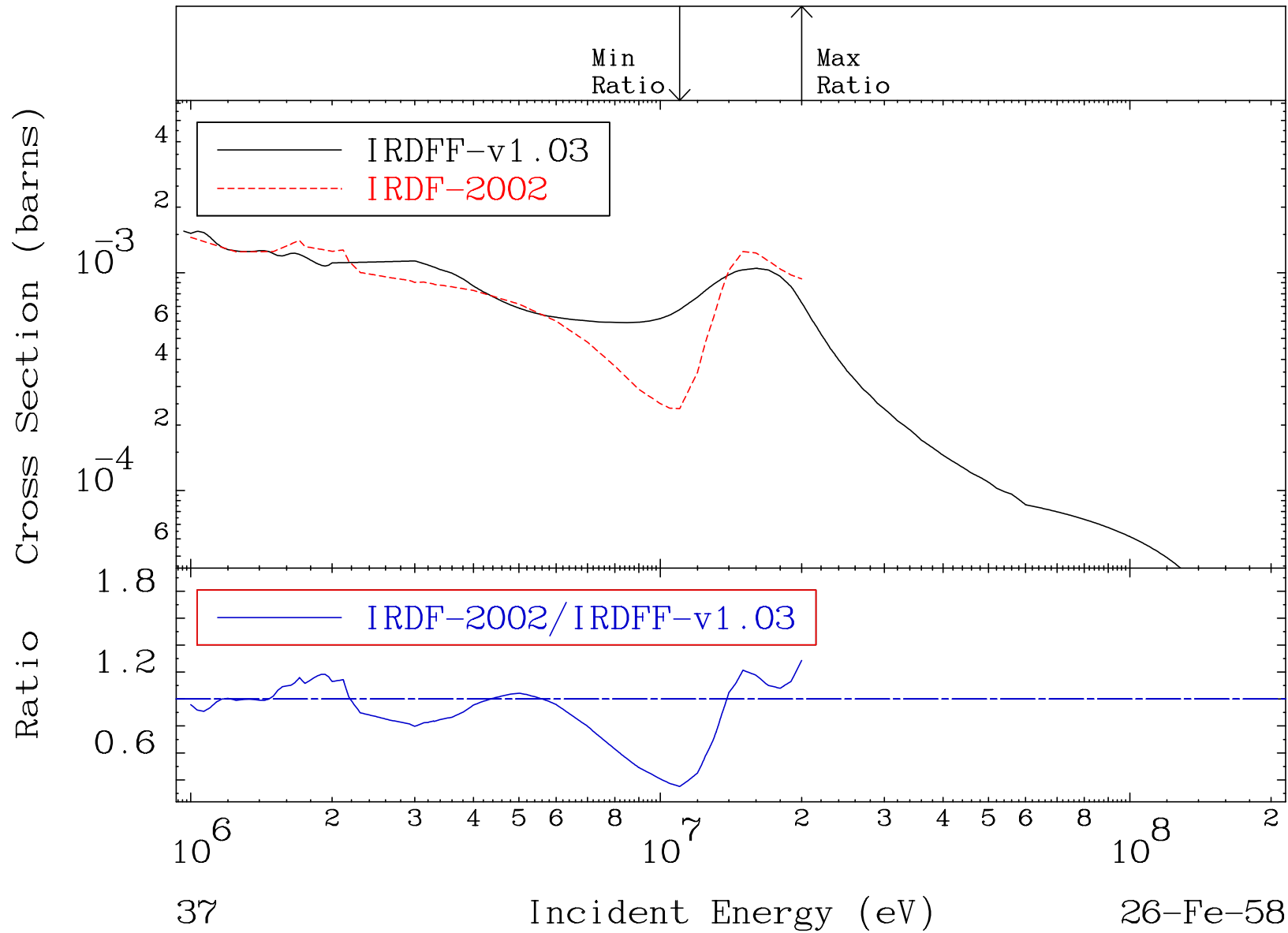
26-Fe-58
-99.99 To 9999. %



MAT 2637

(n, γ)
Cross Section

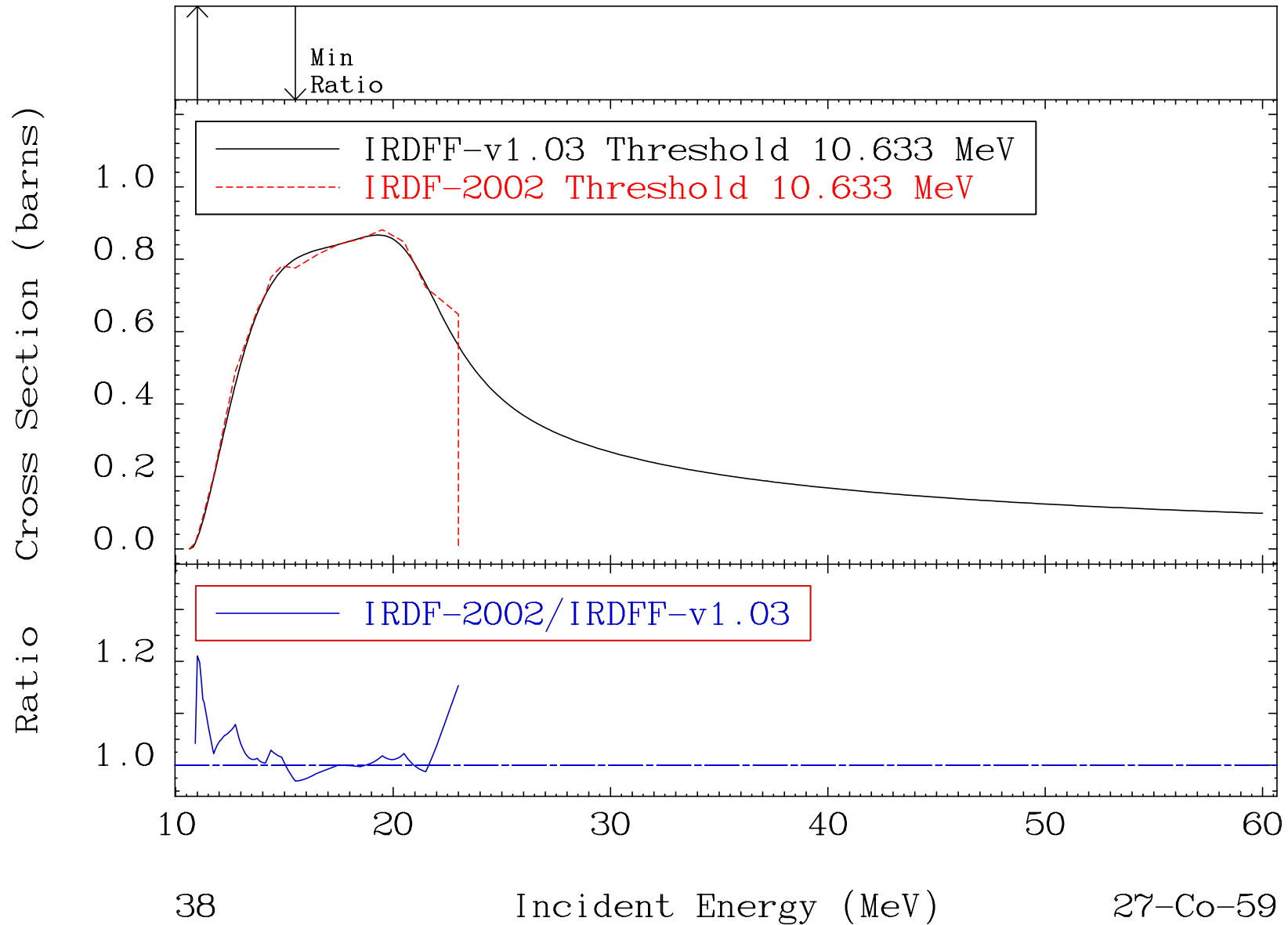
$^{26}\text{Fe-58}$
-64.89 To 28.70 %



MAT 2725

(n,2n)
Cross Section

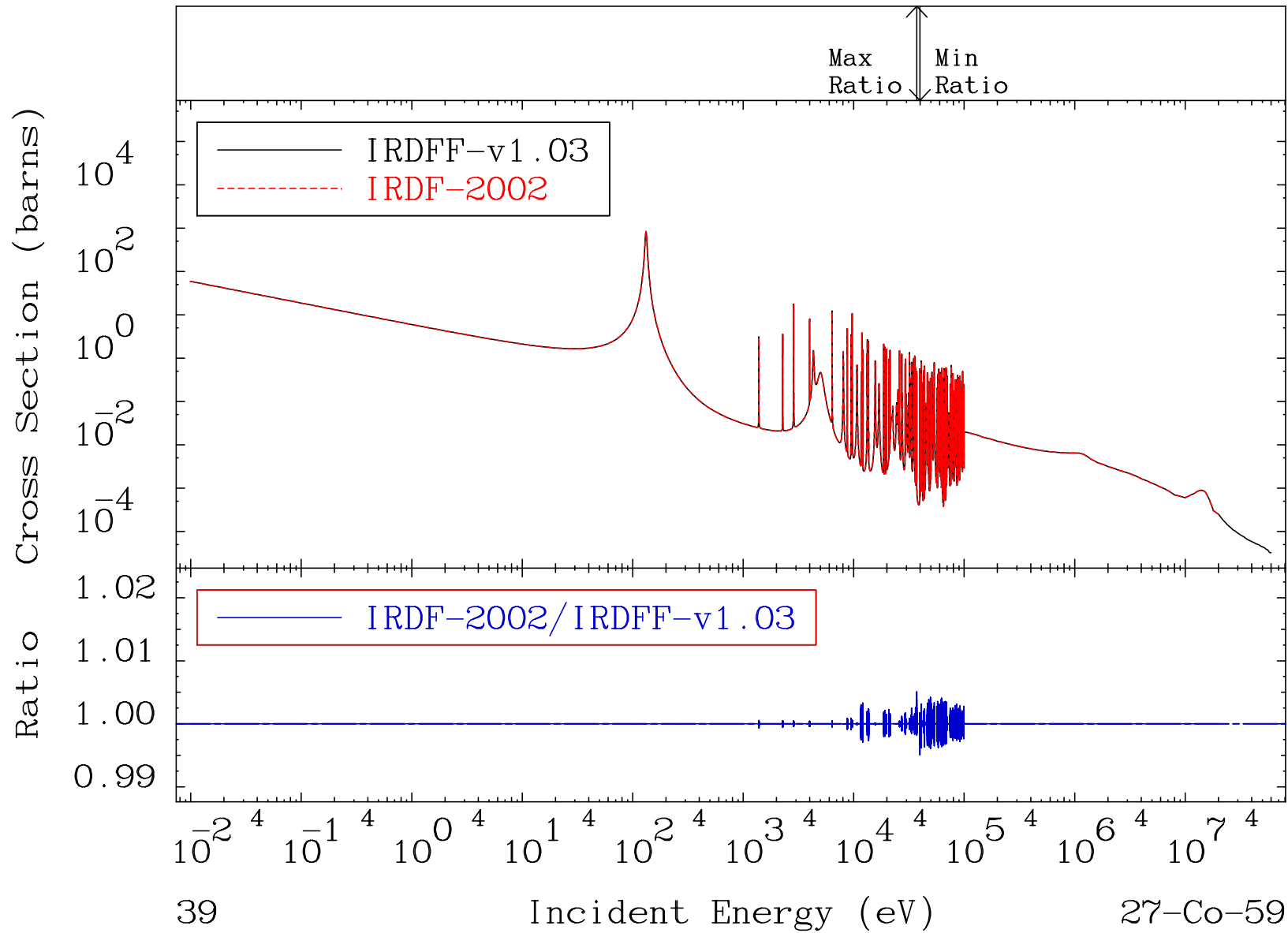
27-Co-59
-3.068 To 21.08 %



MAT 2725

(n, γ)
Cross Section

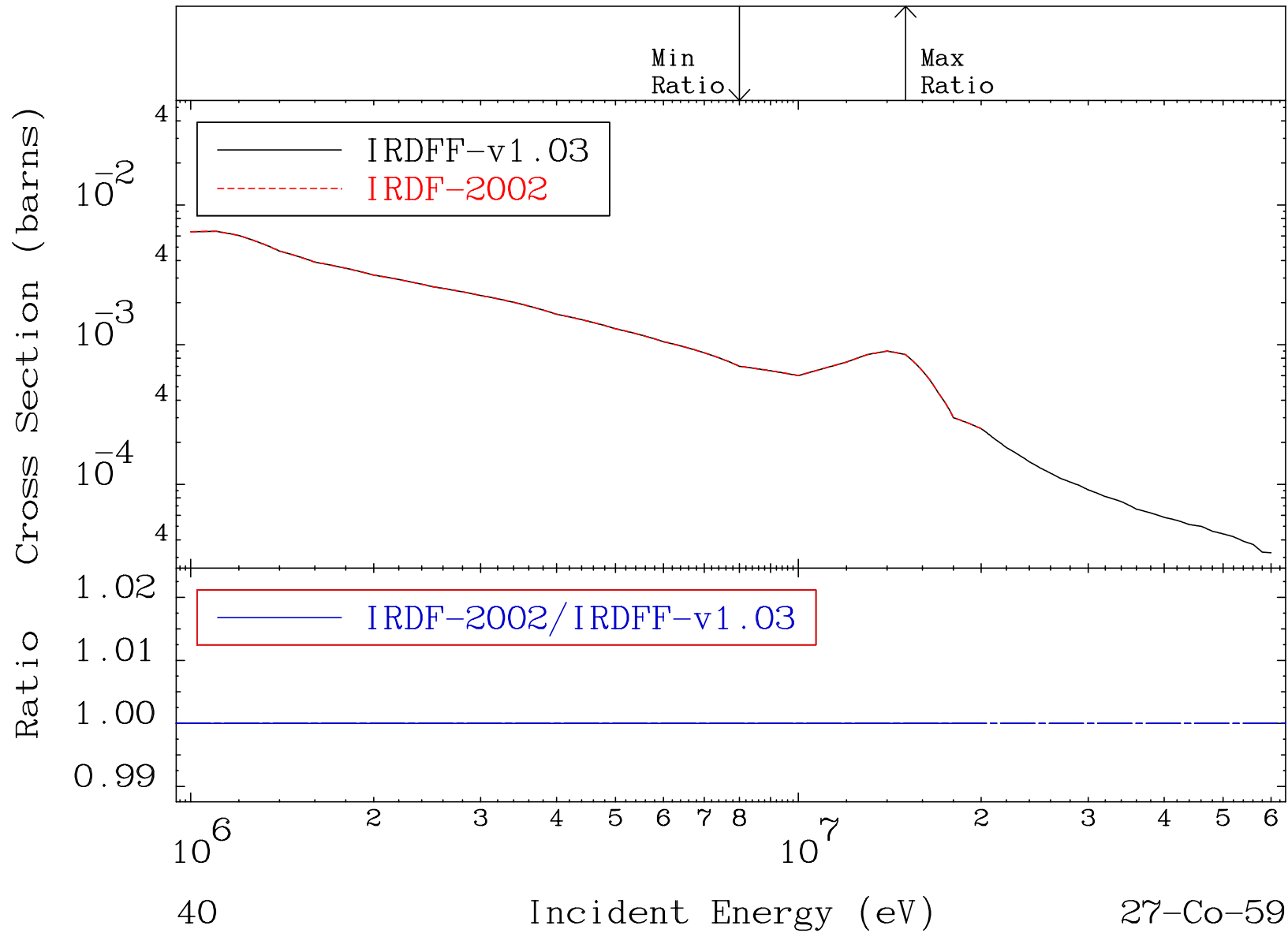
27-Co-59
-0.494 To 0.507 %



MAT 2725

(n, γ)
Cross Section

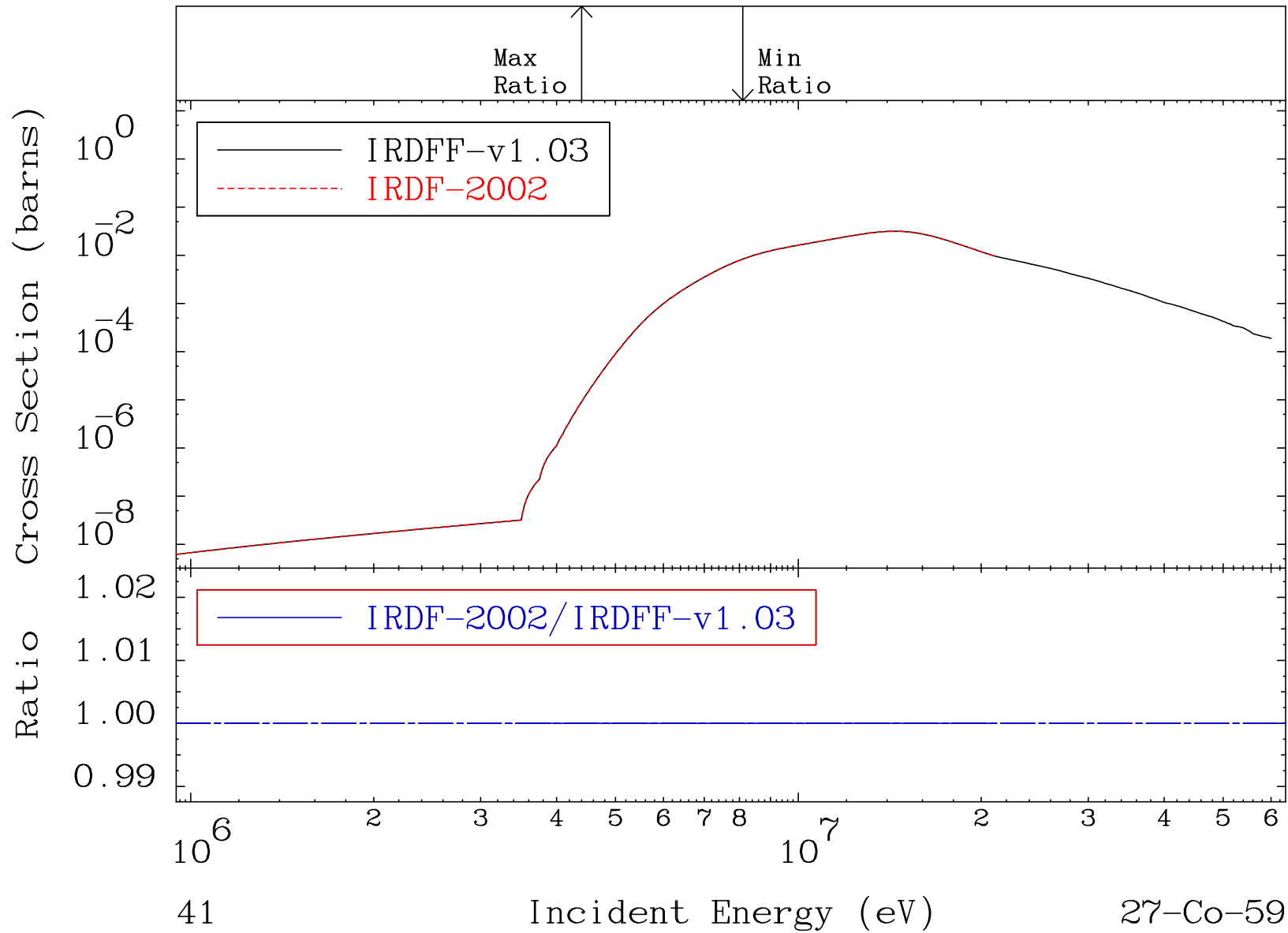
27-Co-59
0.0004 To 0.000 %



MAT 2725

(n, α)
Cross Section

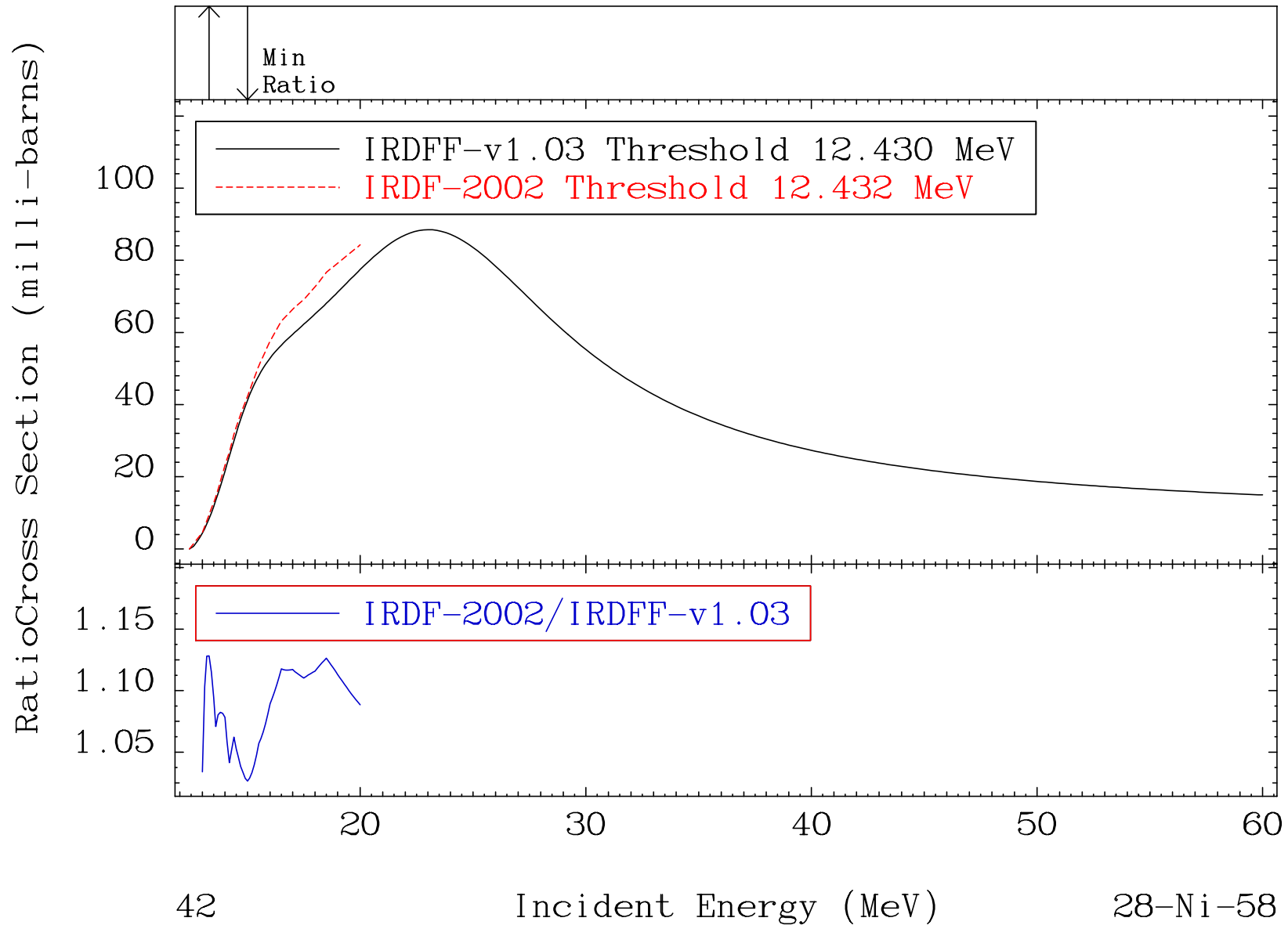
0.000 To 0.000 %
27-Co-59



MAT 2825

(n,2n)
Cross Section

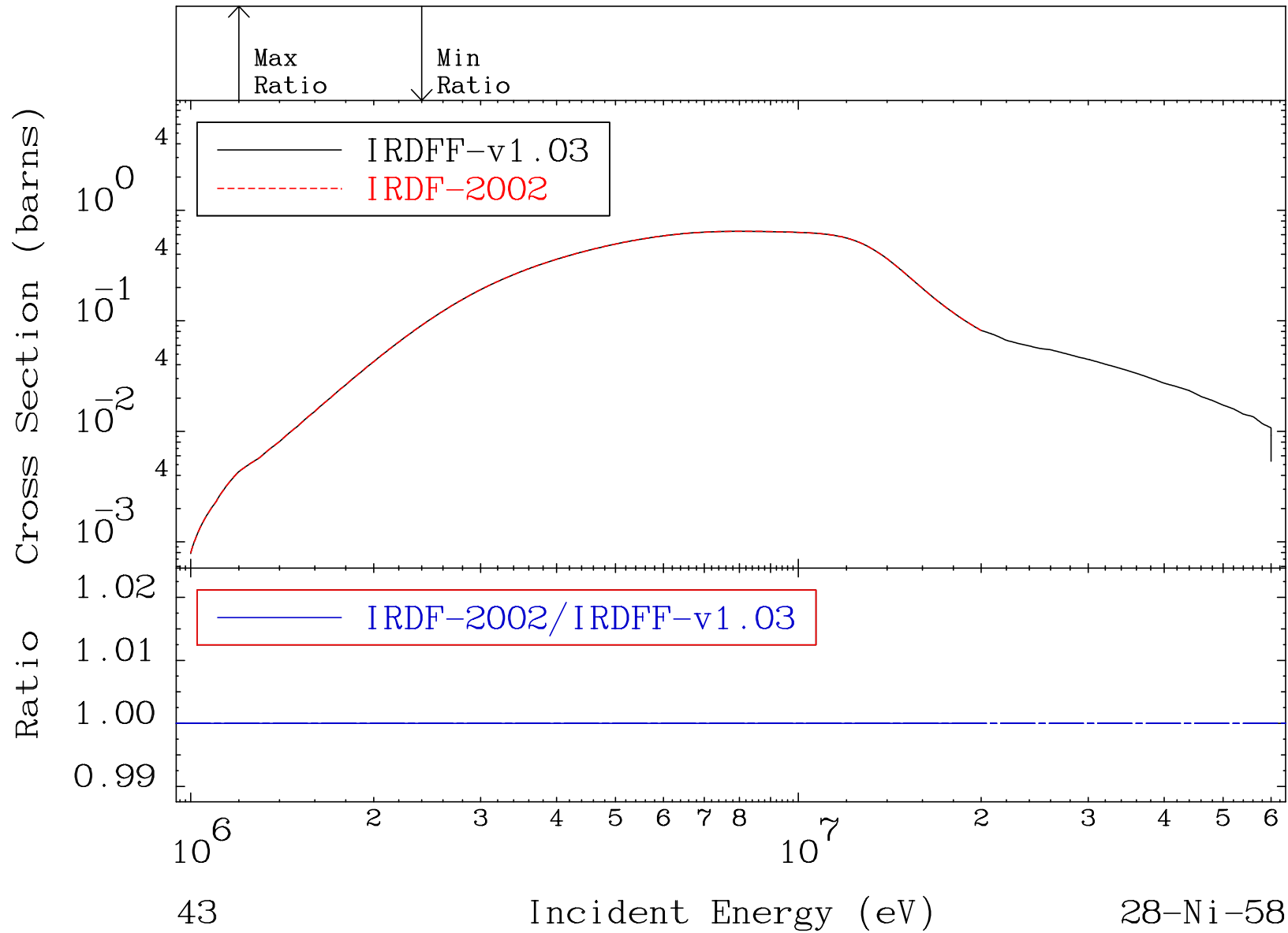
28-Ni-58
2.650 To 12.83 %



MAT 2825

(n,p)
Cross Section

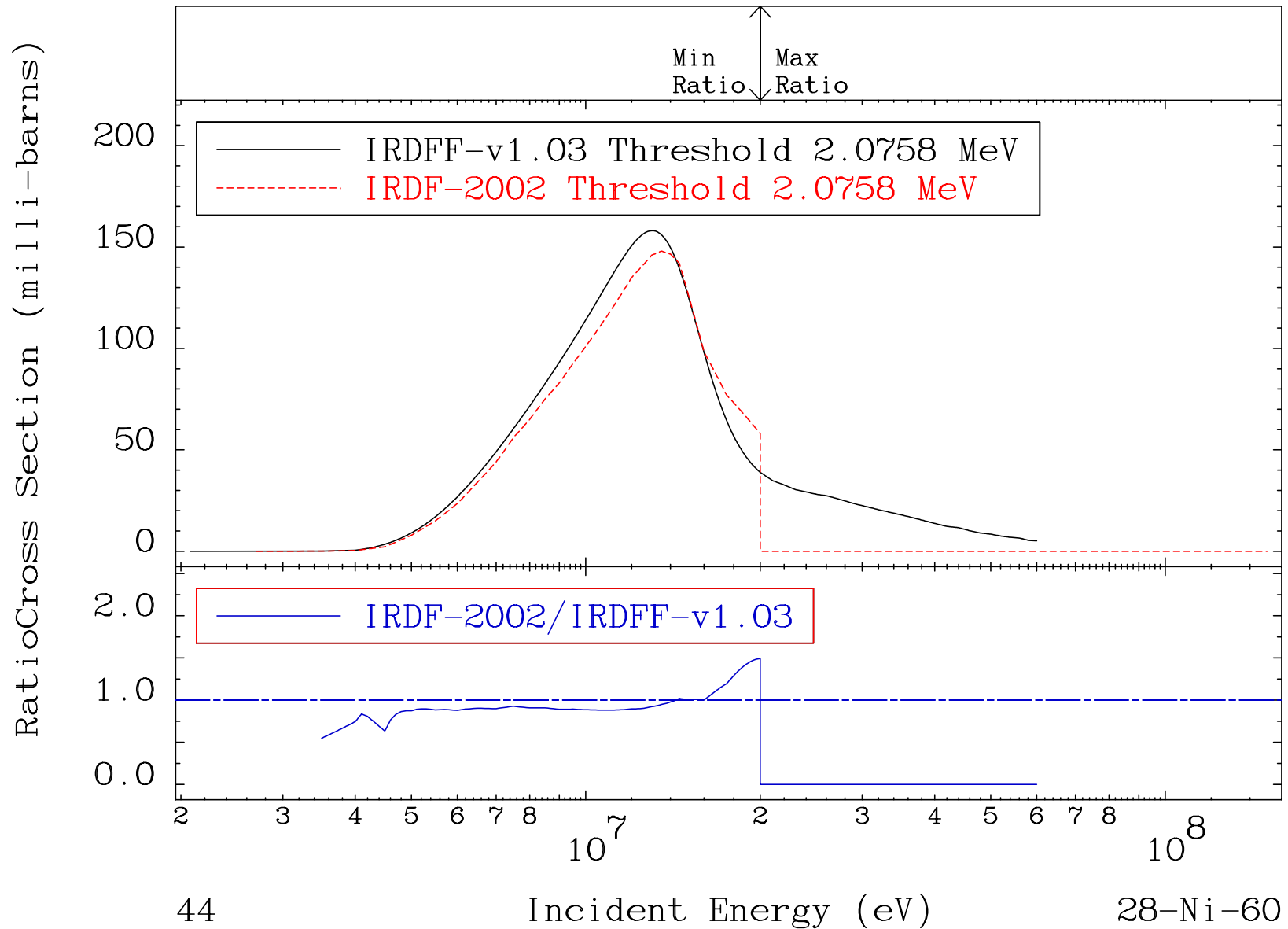
0.000 To 0.000 %
28-Ni-58



MAT 2831

(n,p)
Cross Section

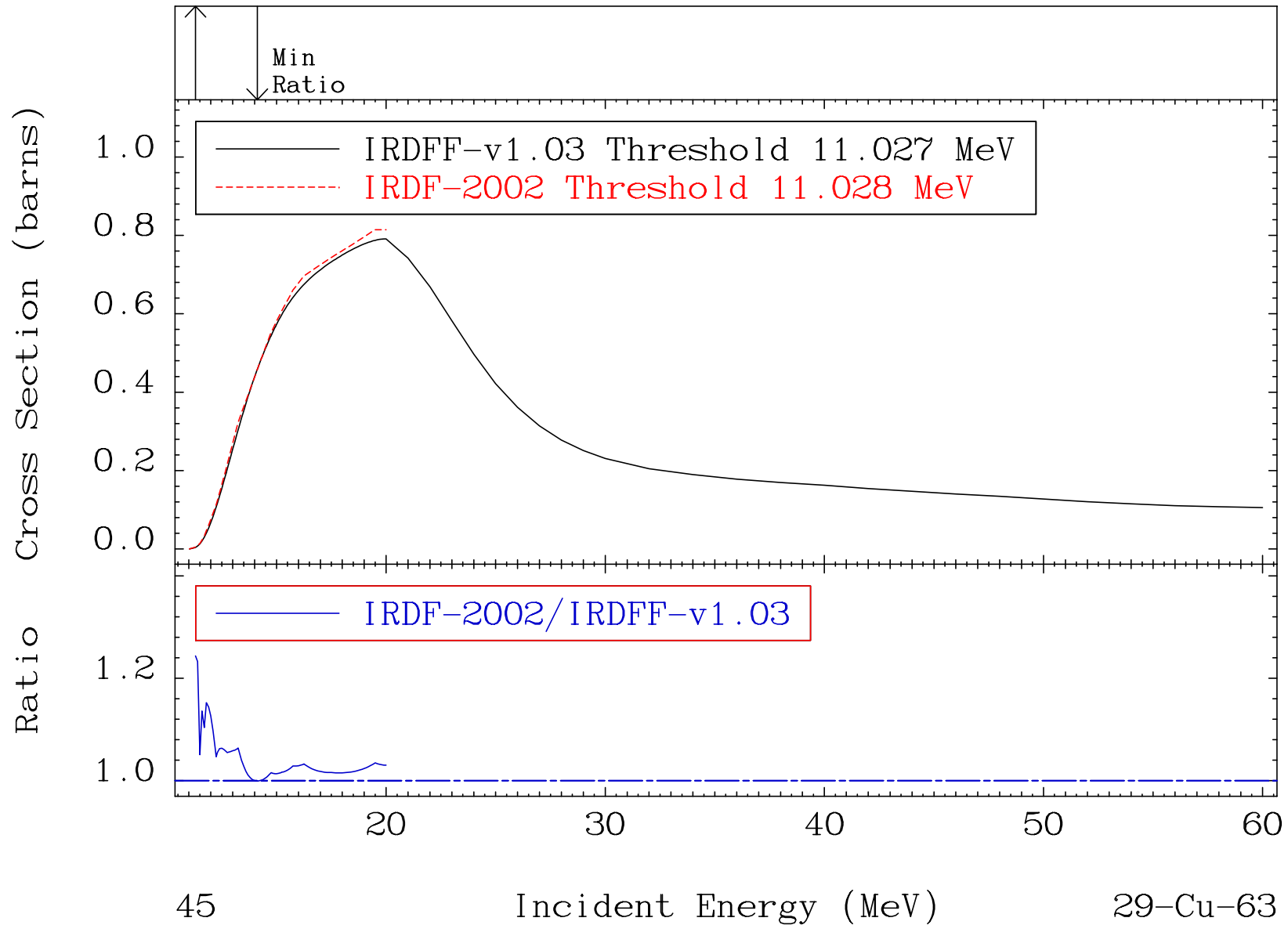
28-Ni-60
-100.0 To 49.15 %



MAT 2925

(n,2n)
Cross Section

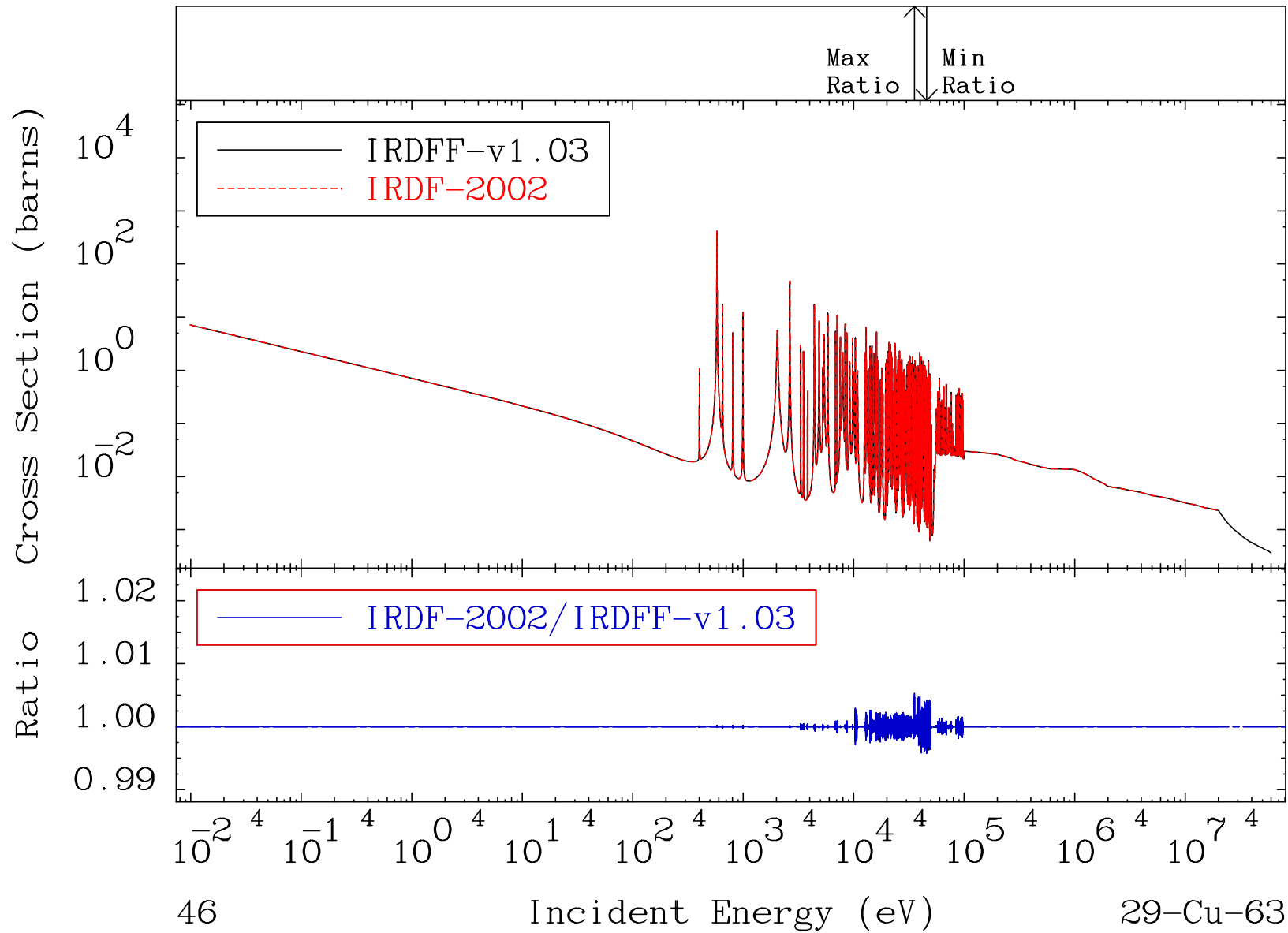
29-Cu-63
-0.096 To 24.37 %



MAT 2925

(n, γ)
Cross Section

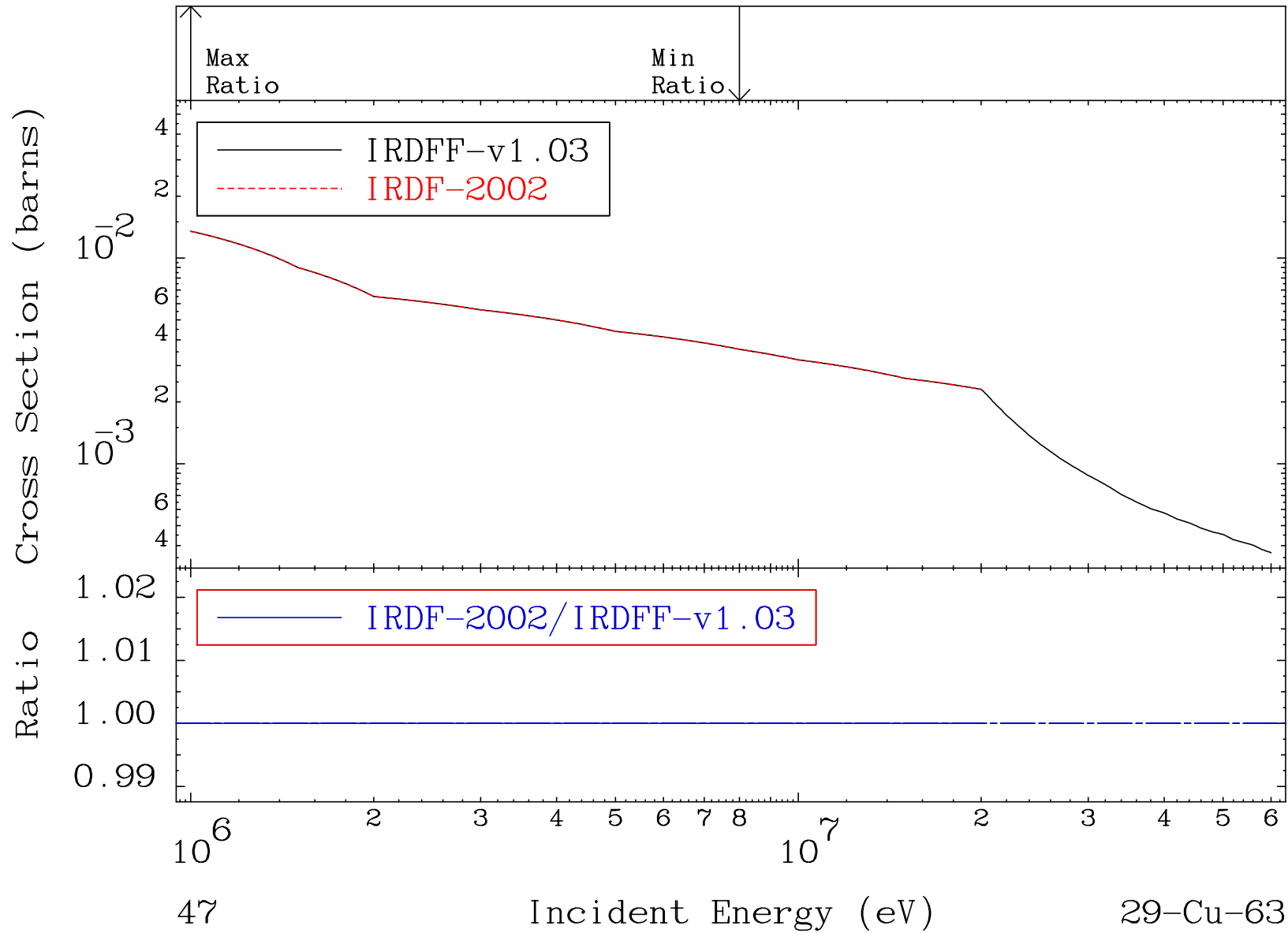
29-Cu-63
-0.423 To 0.527 %



MAT 2925

(n, γ)
Cross Section

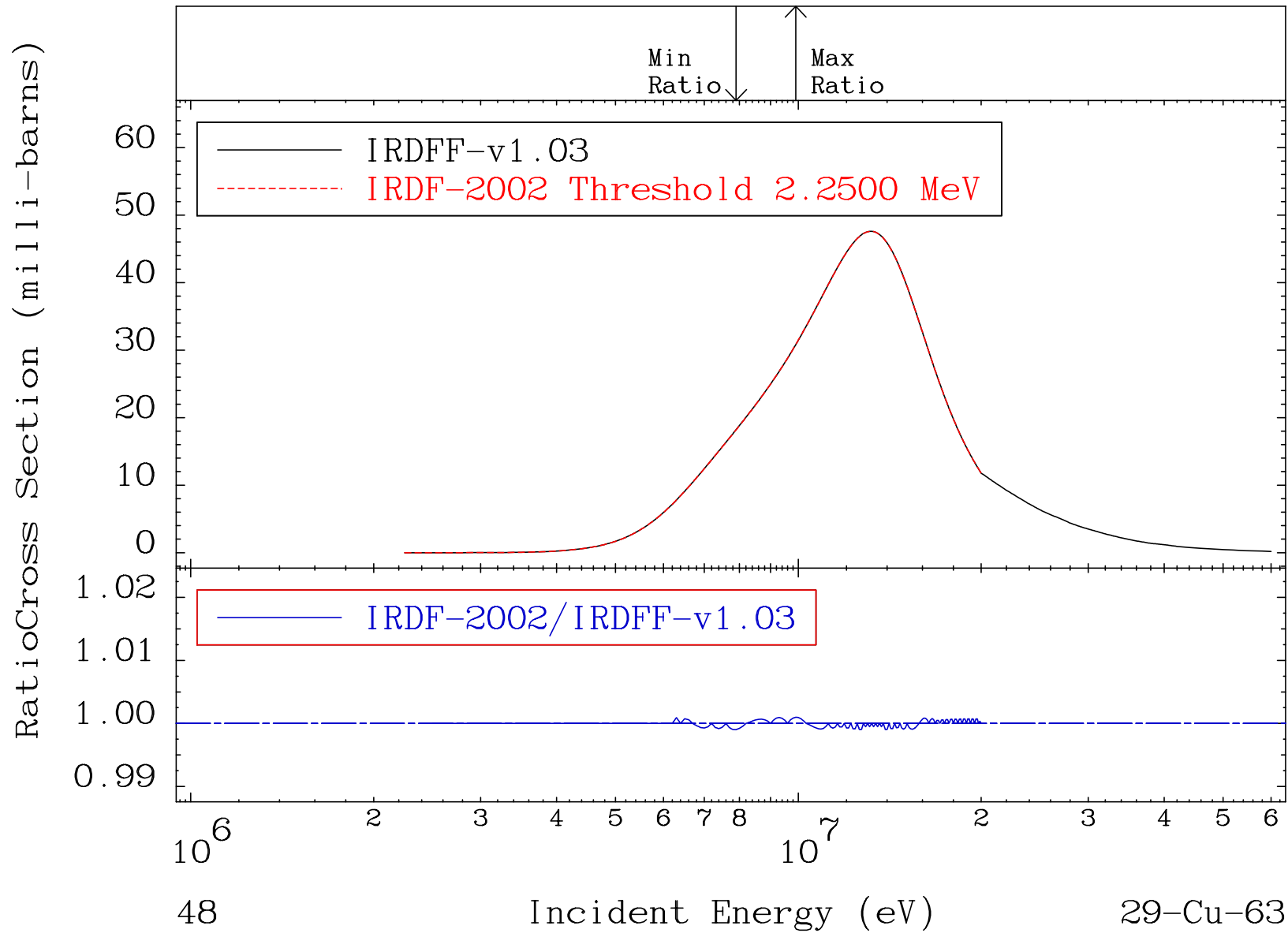
29-Cu-63
0.0003 To 0.000 %



MAT 2925

(n, α)
Cross Section

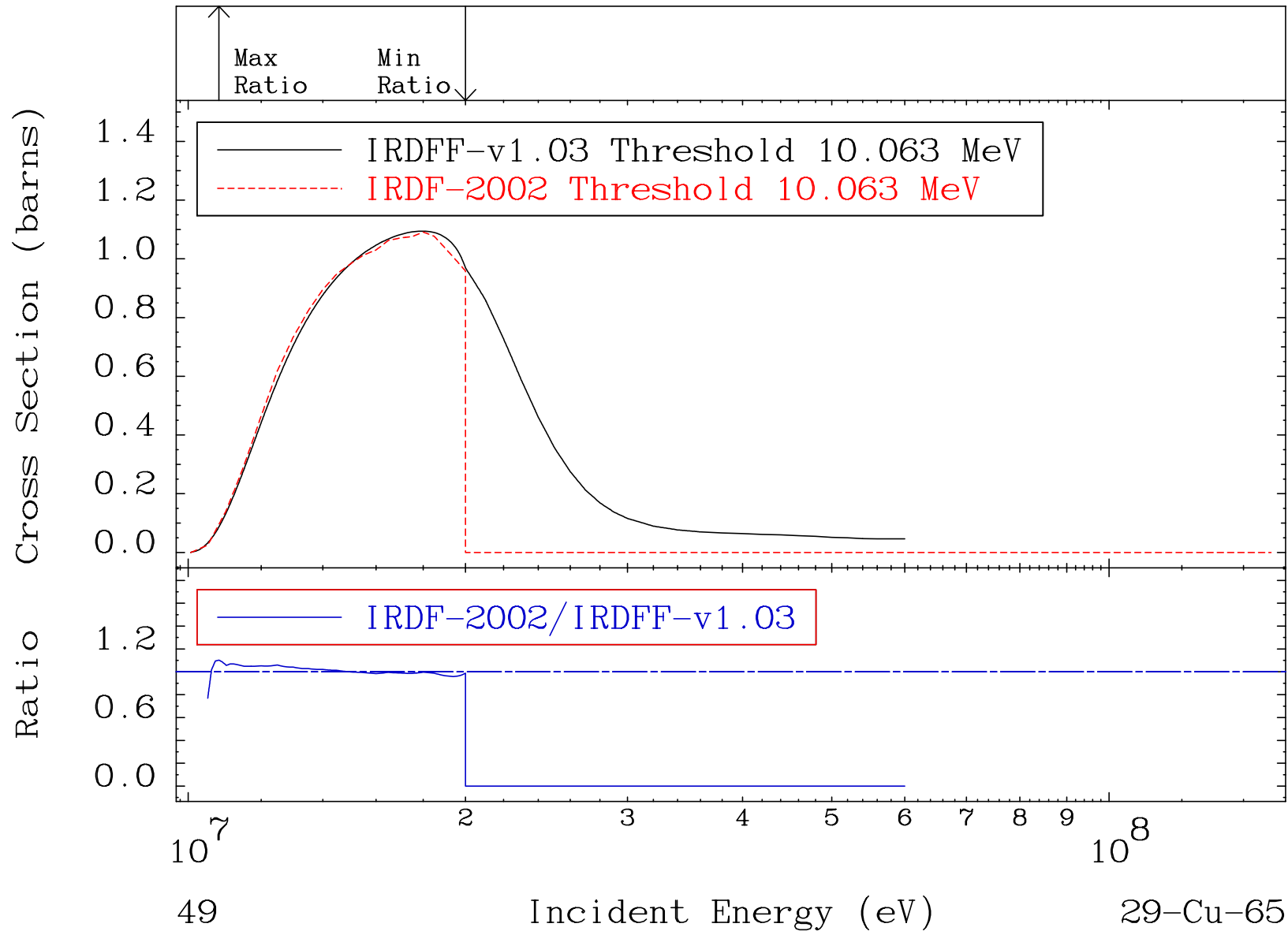
29-Cu-63
-0.098 To 0.099 %



MAT 2931

(n,2n)
Cross Section

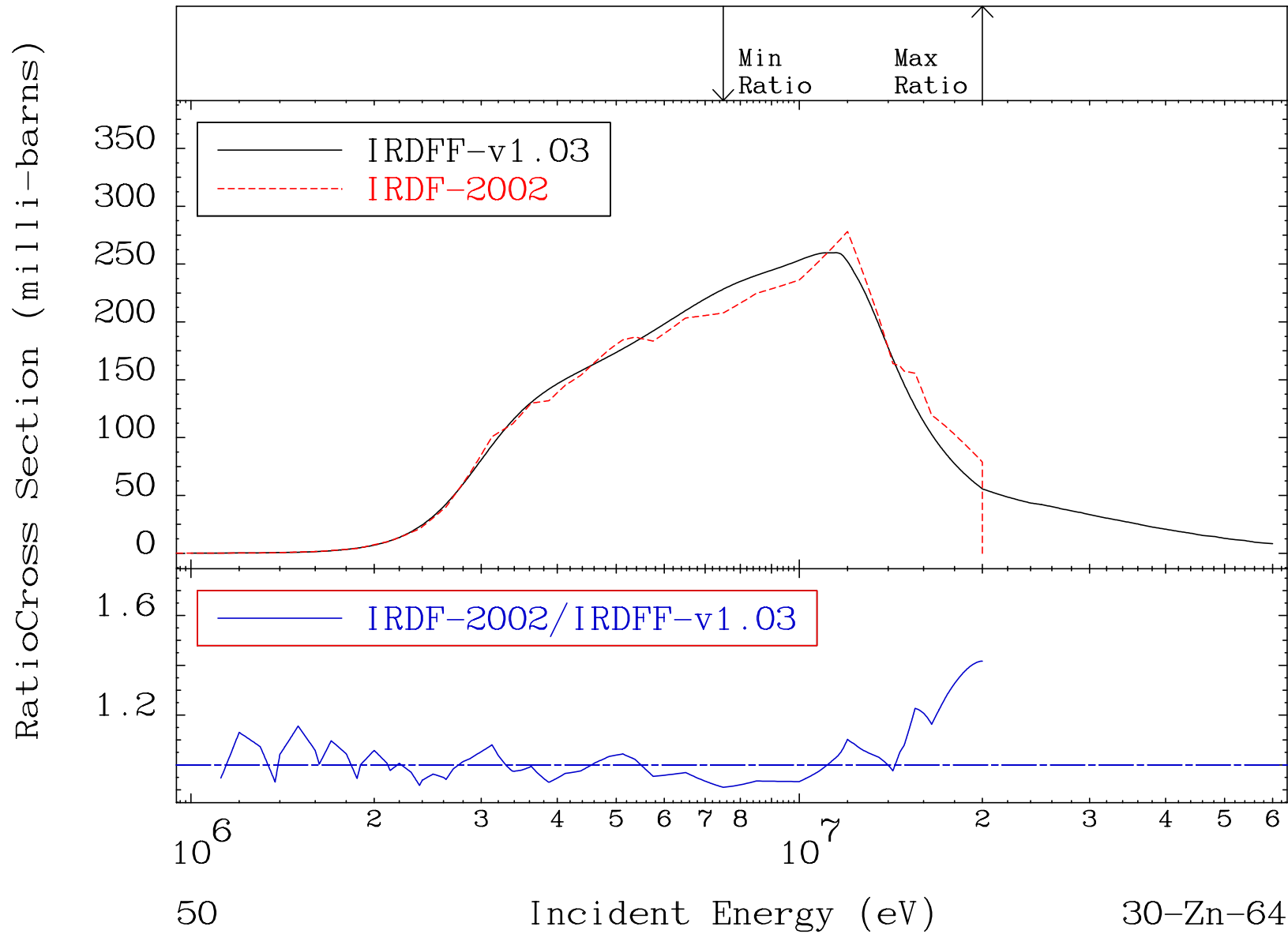
29-Cu-65
-100.0 To 10.29 %



MAT 3025

(n,p)
Cross Section

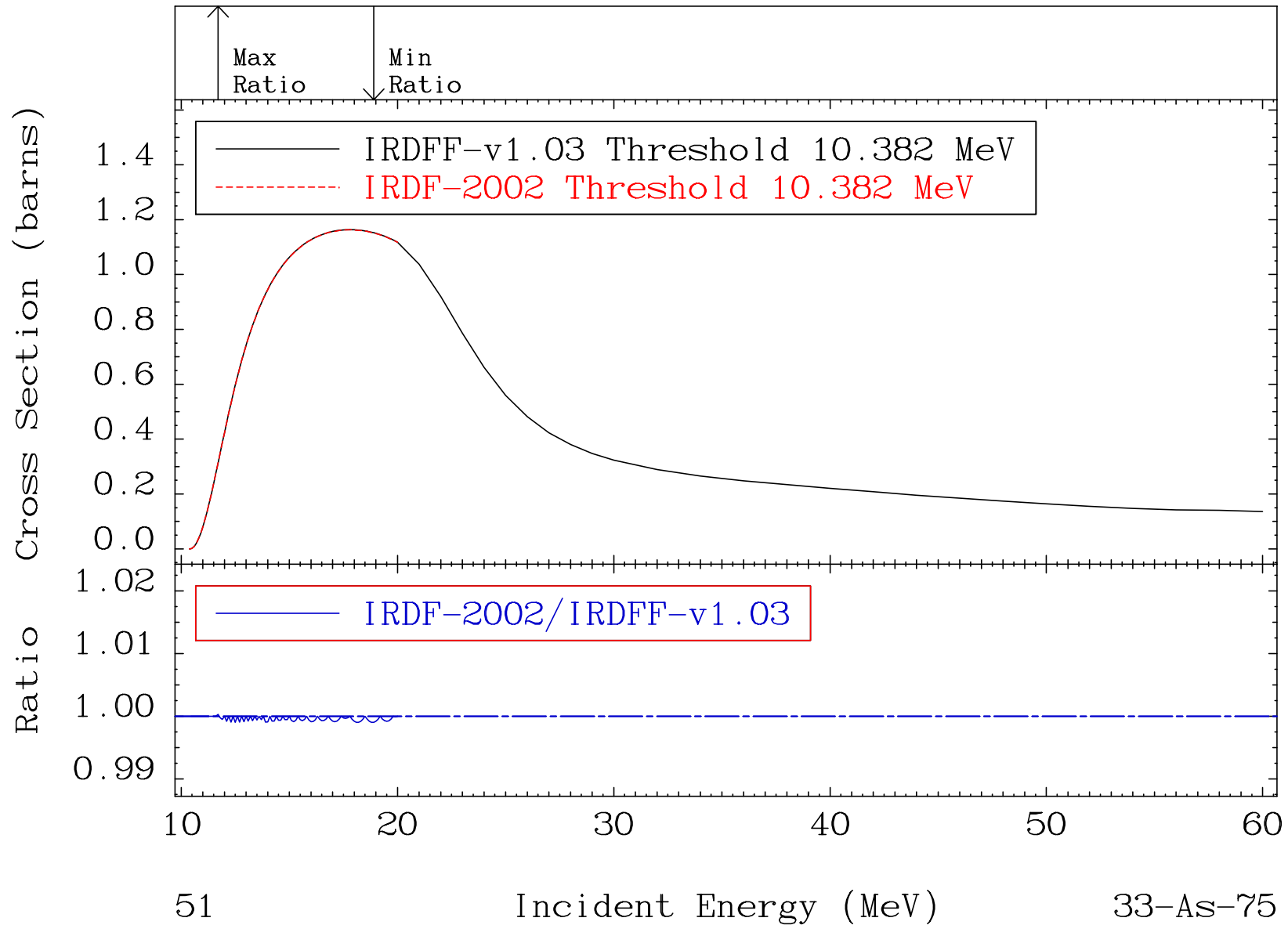
30-Zn-64
-9.007 To 41.69 %



MAT 3325

(n,2n)
Cross Section

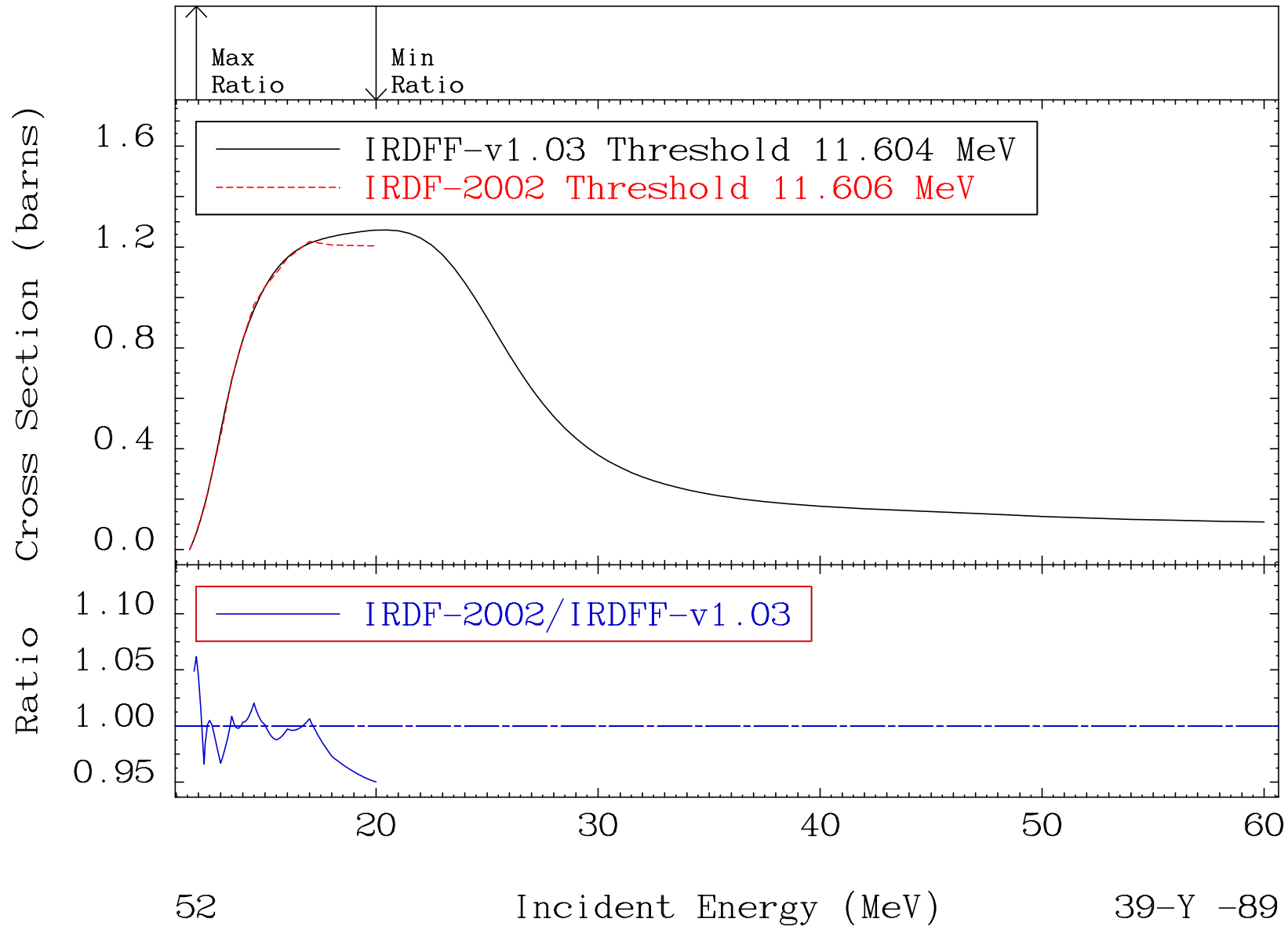
33-As-75
-0.099 To 0.028 %



MAT 3925

(n,2n)
Cross Section

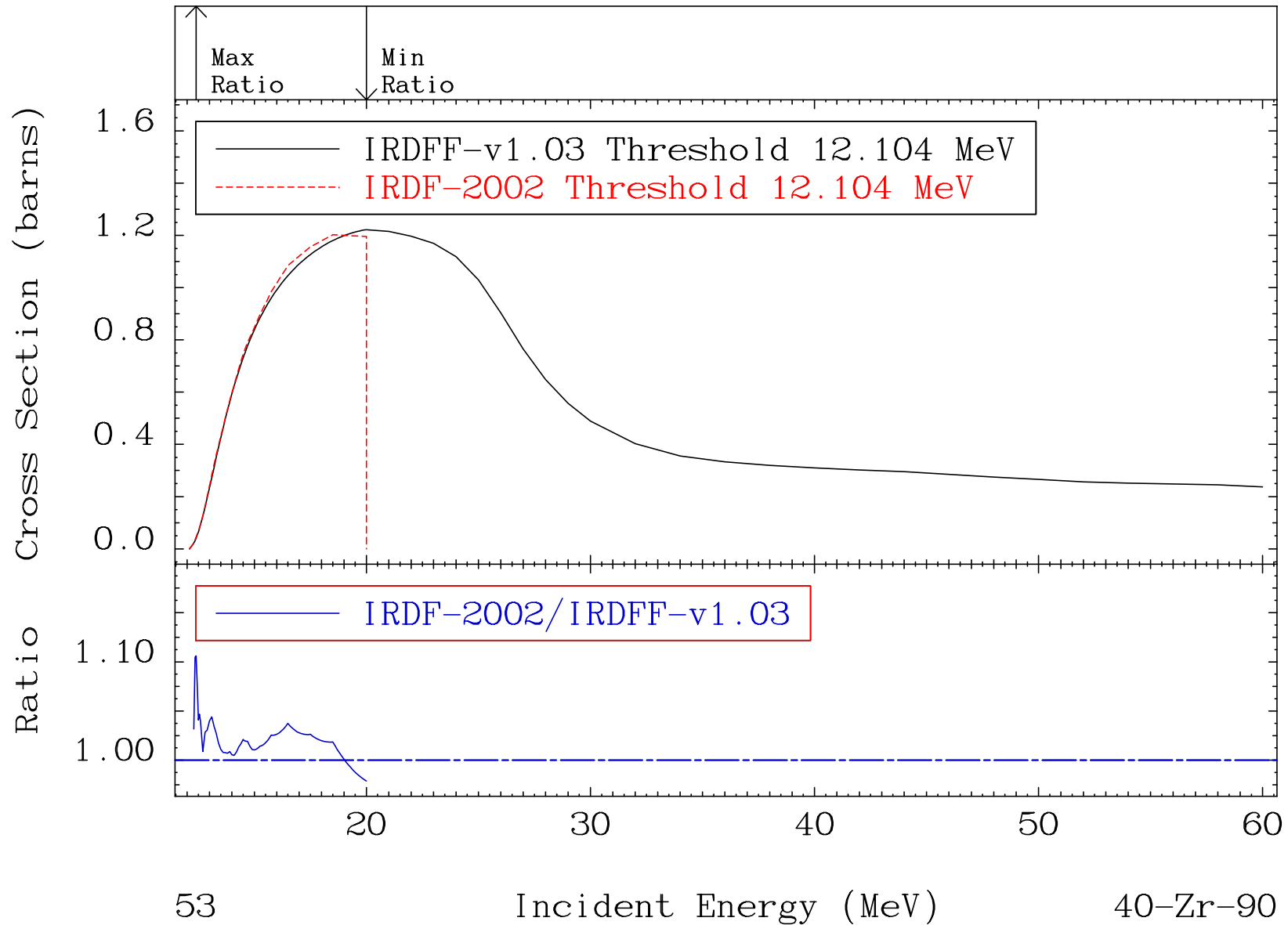
39-Y -89
-4.972 To 6.187 %



MAT 4025

(n,2n)
Cross Section

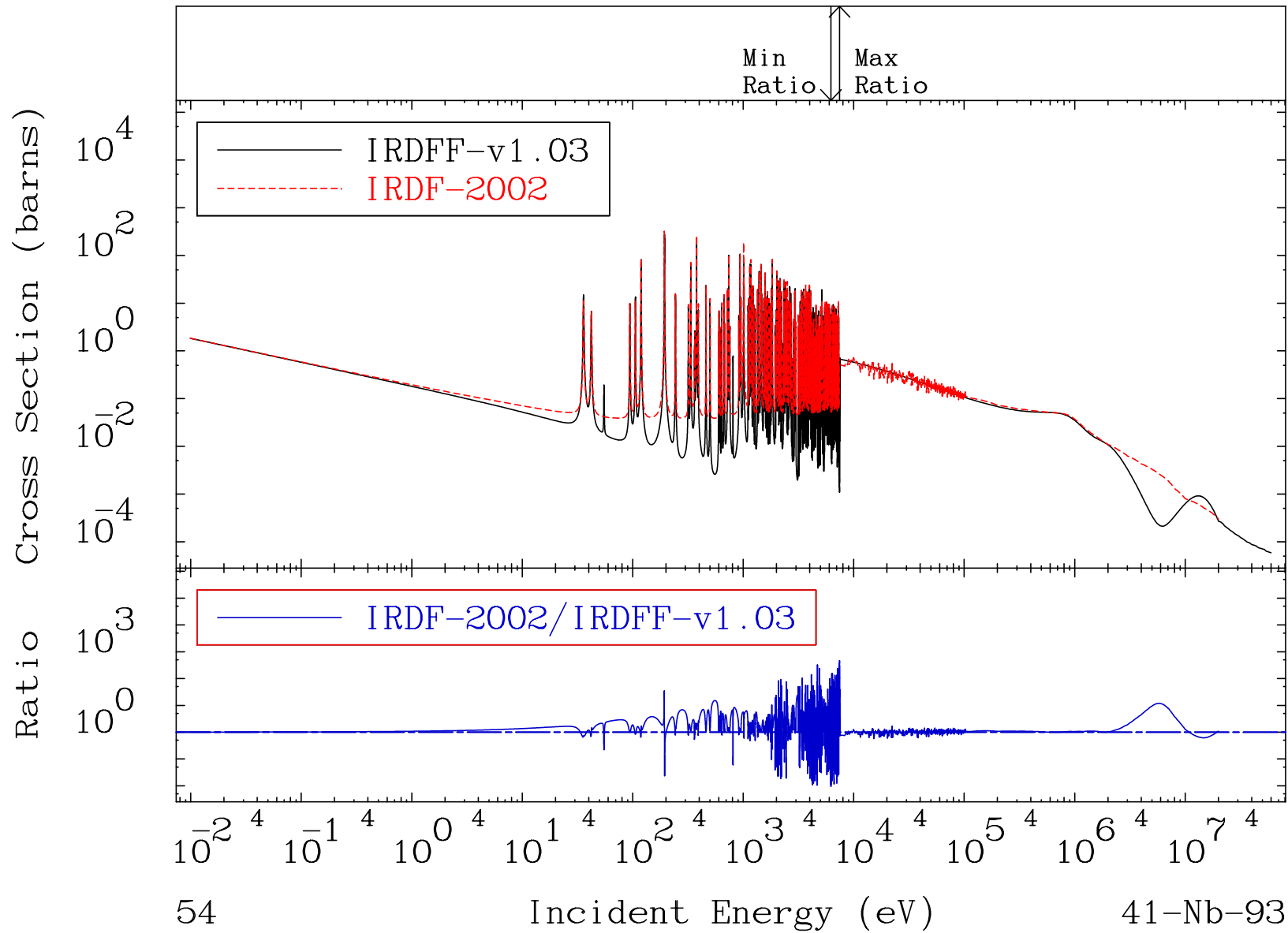
40-Zr-90
-2.117 To 10.62 %



MAT 4125

(n, γ)
Cross Section

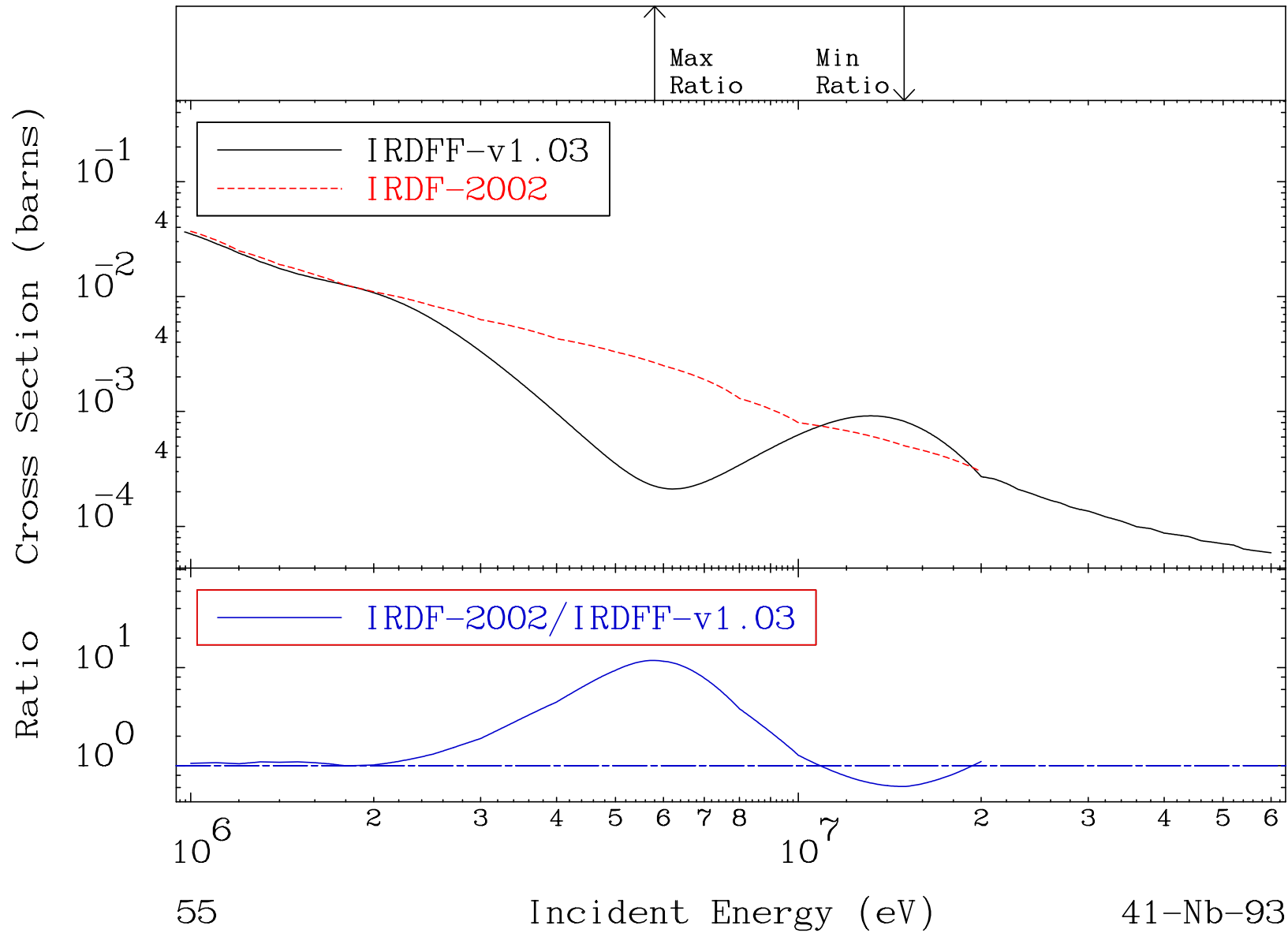
41-Nb-93
-99.06 To 9999. %



MAT 4125

(n, γ)
Cross Section

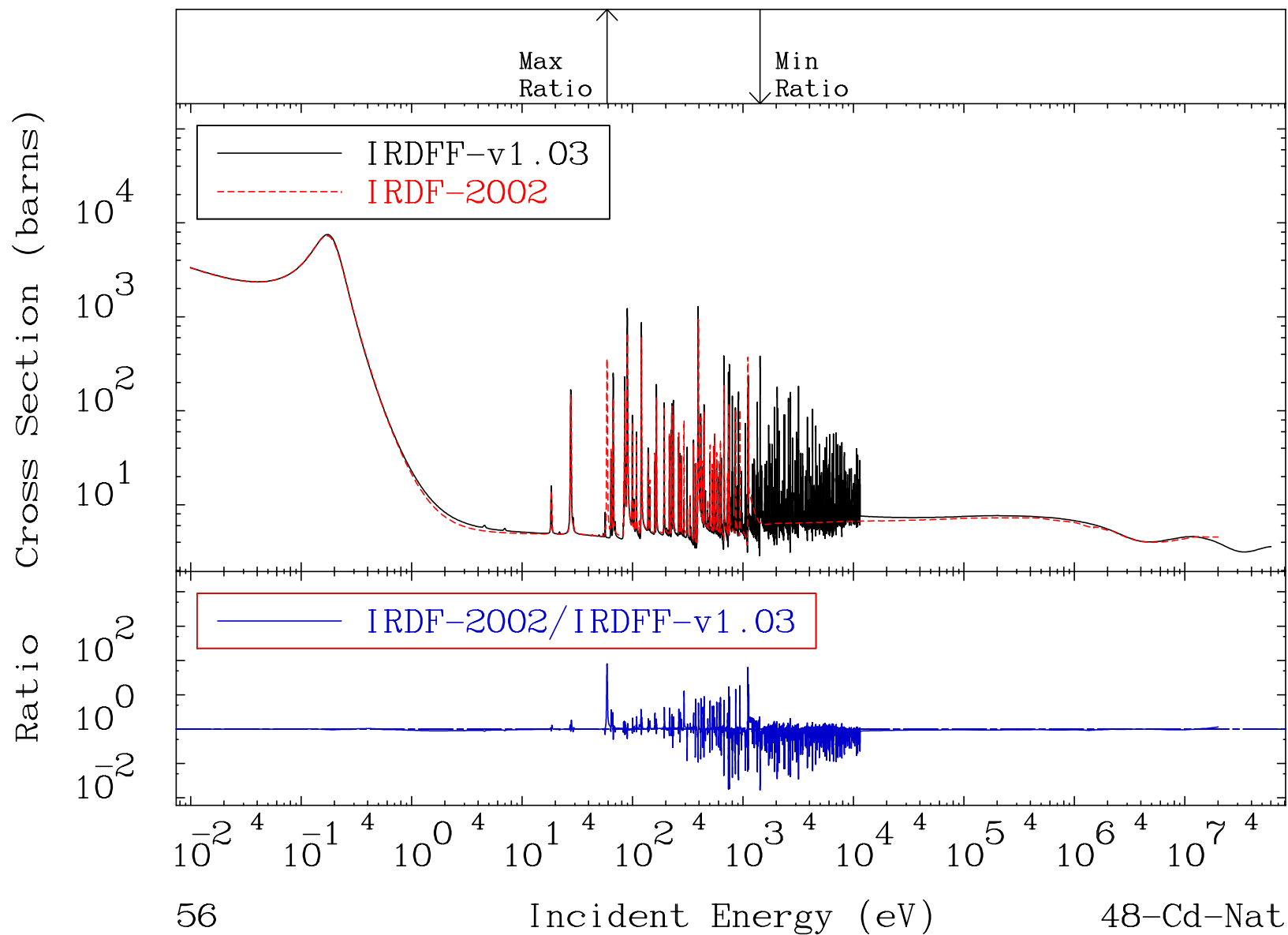
41-Nb-93
-38.54 To 1086. %



MAT 4800

Total
Cross Section

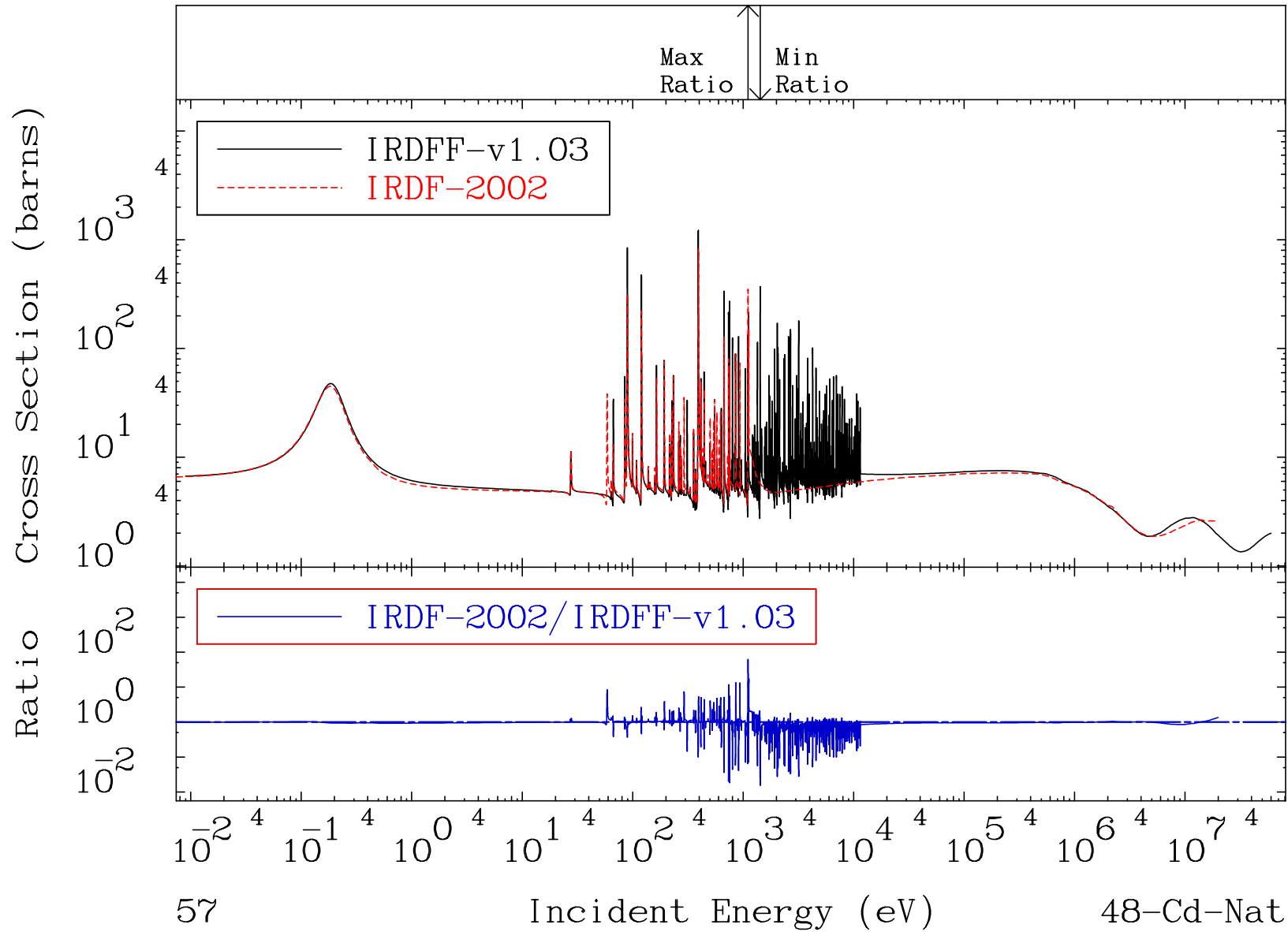
48-Cd-Nat
-98.31 To 7894. %



MAT 4800

Elastic
Cross Section

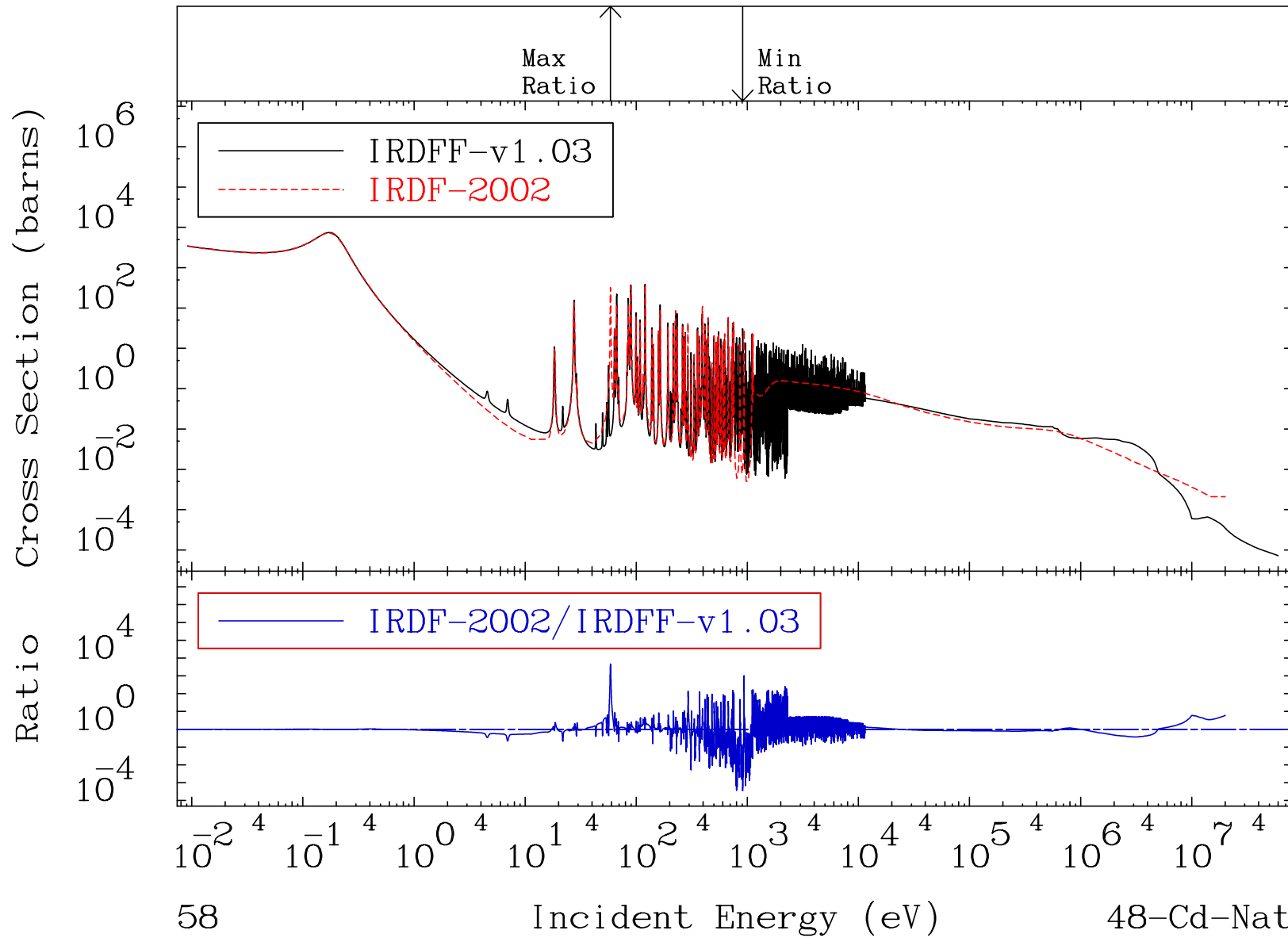
48-Cd-Nat
-98.47 To 6115. %



MAT 4800

(n, γ)
Cross Section

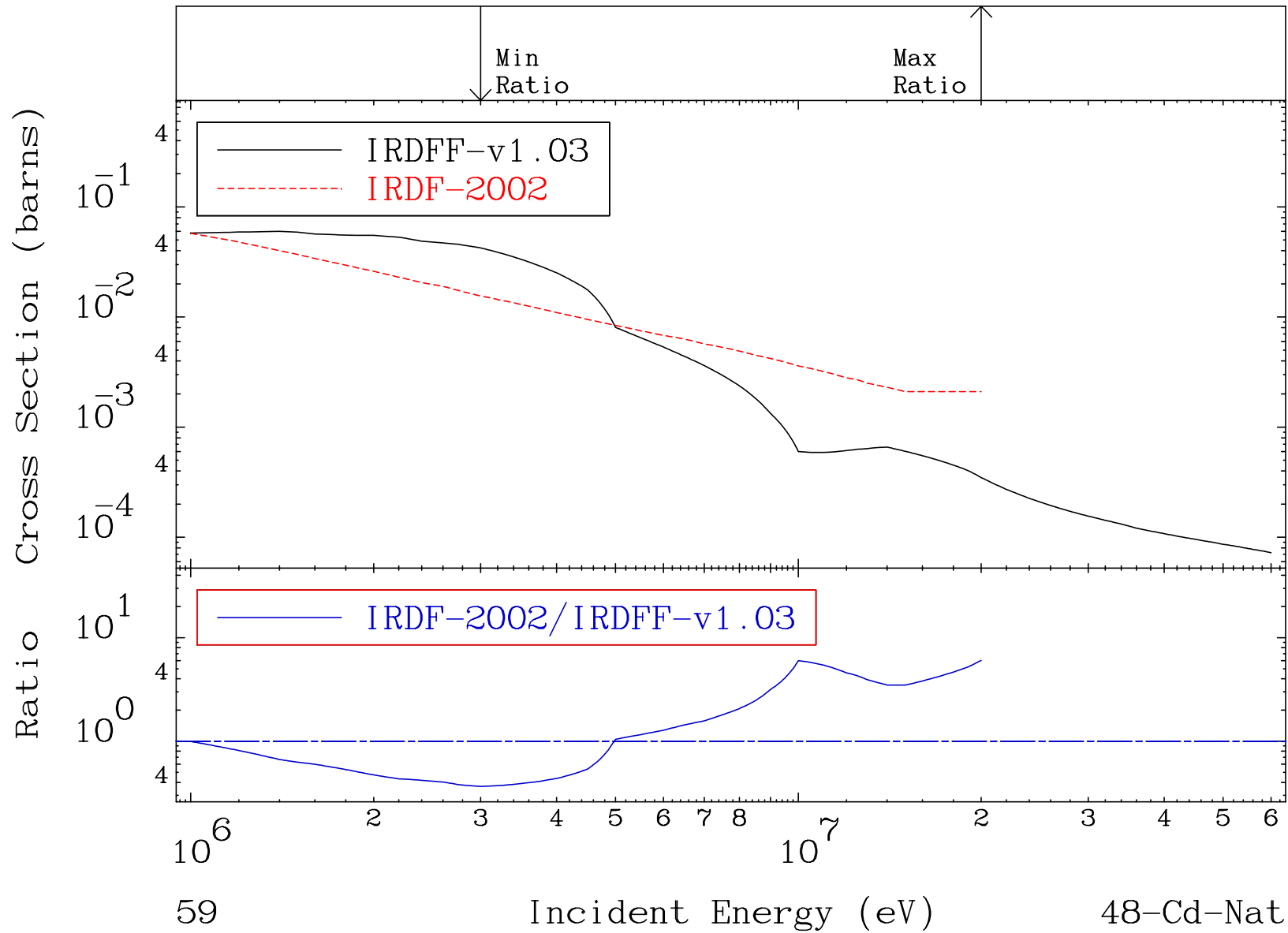
48-Cd-Nat
-99.96 To 9999. %



MAT 4800

(n, γ)
Cross Section

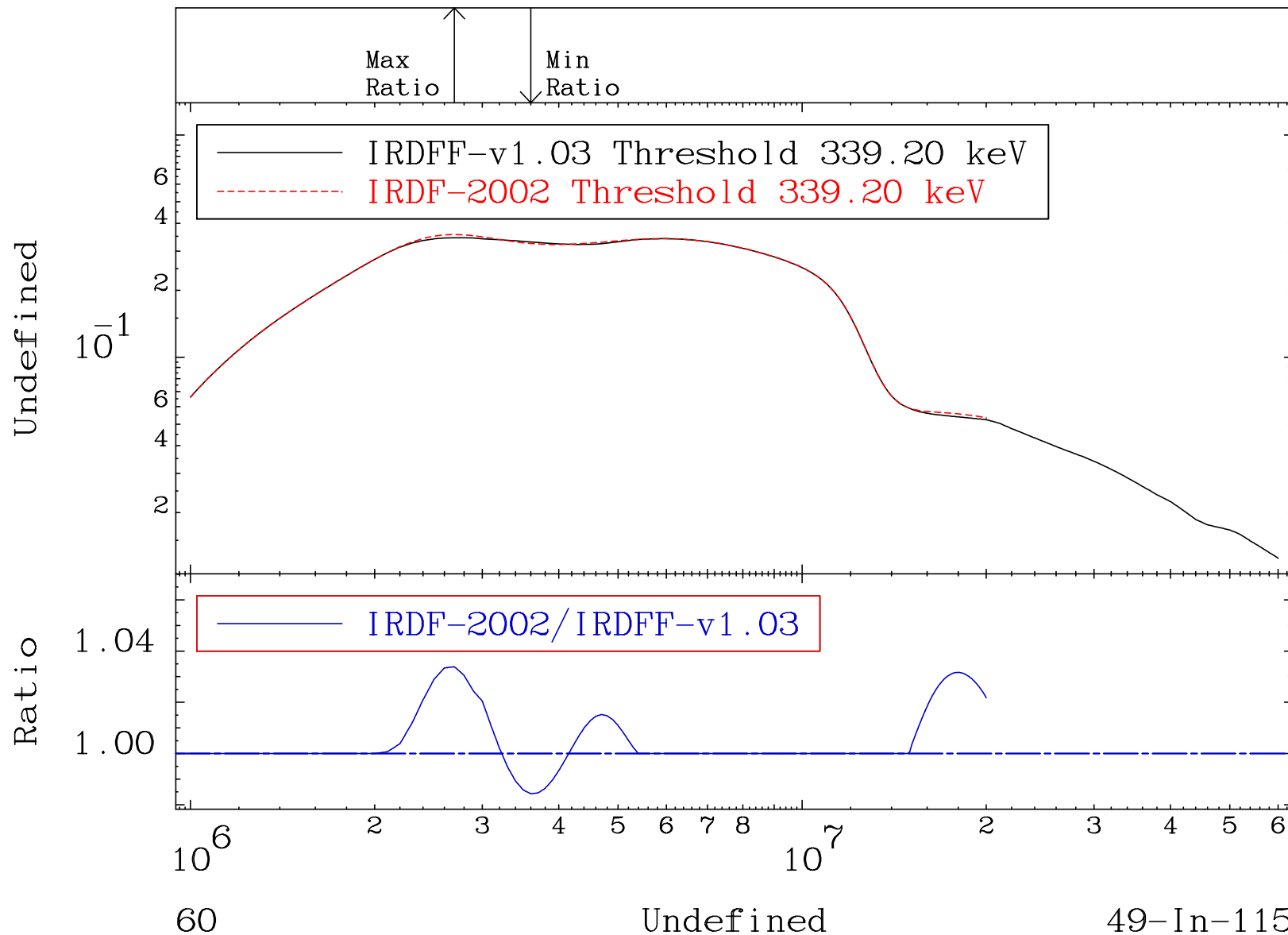
48-Cd-Nat
-63.46 To 503.5 %



MAT 4931

Inelastic
Undefined

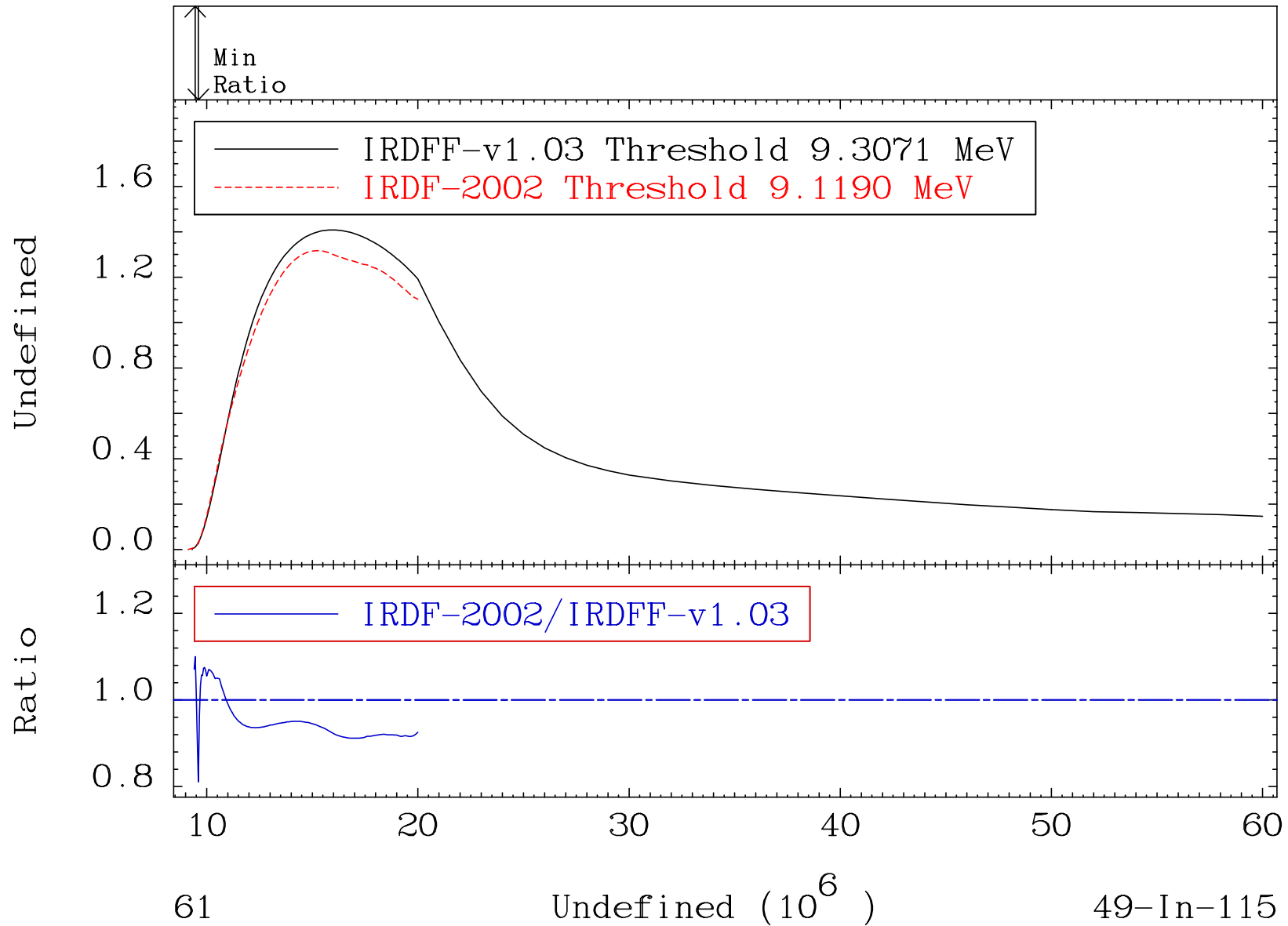
49-In-115
-1.571 To 3.388 %



MAT 4931

(n,2n)
Undefined

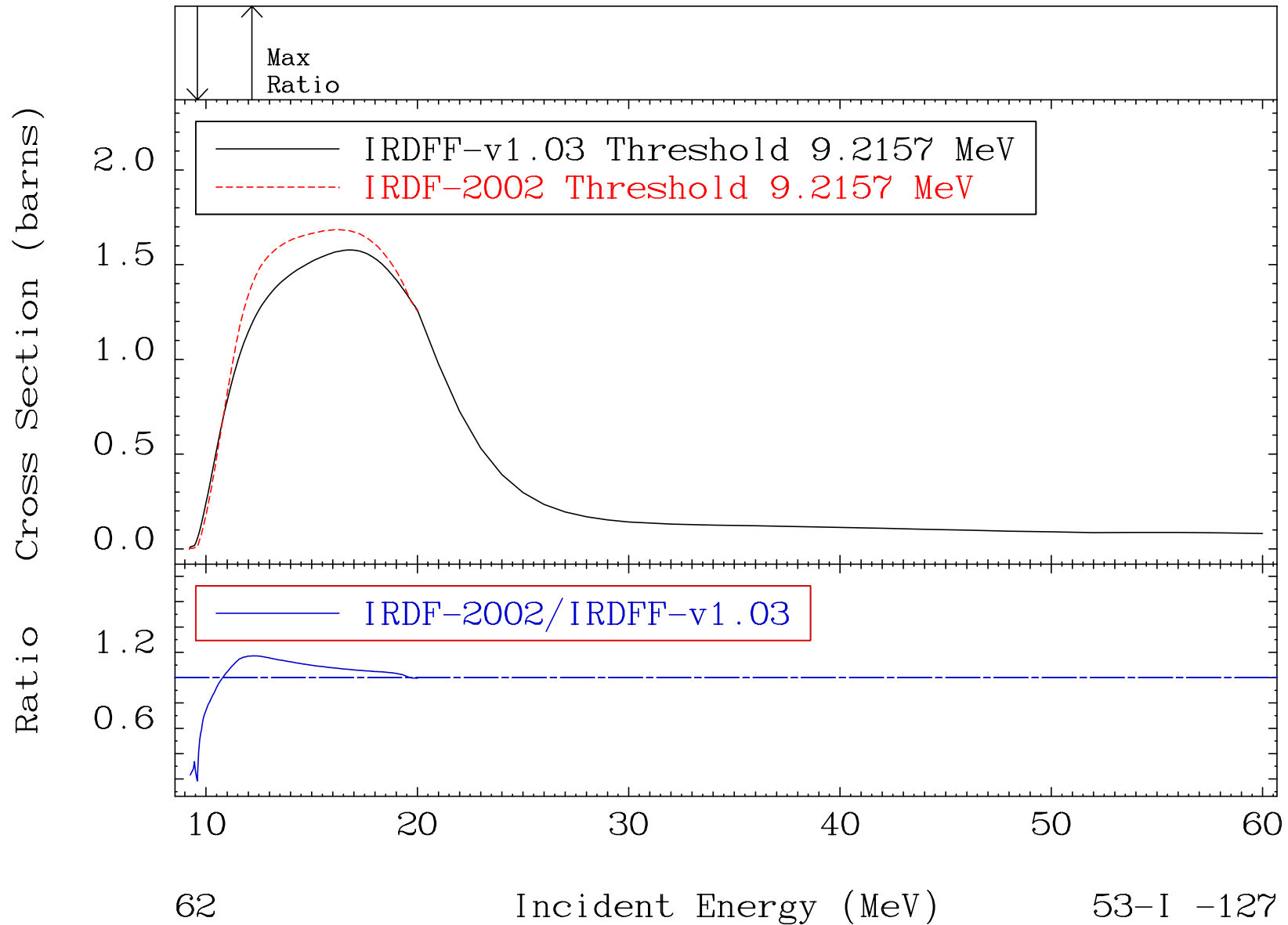
49-In-115
-18.92 To 10.04 %



MAT 5325

(n,2n)
Cross Section

53-I -127
-81.66 To 17.26 %



62

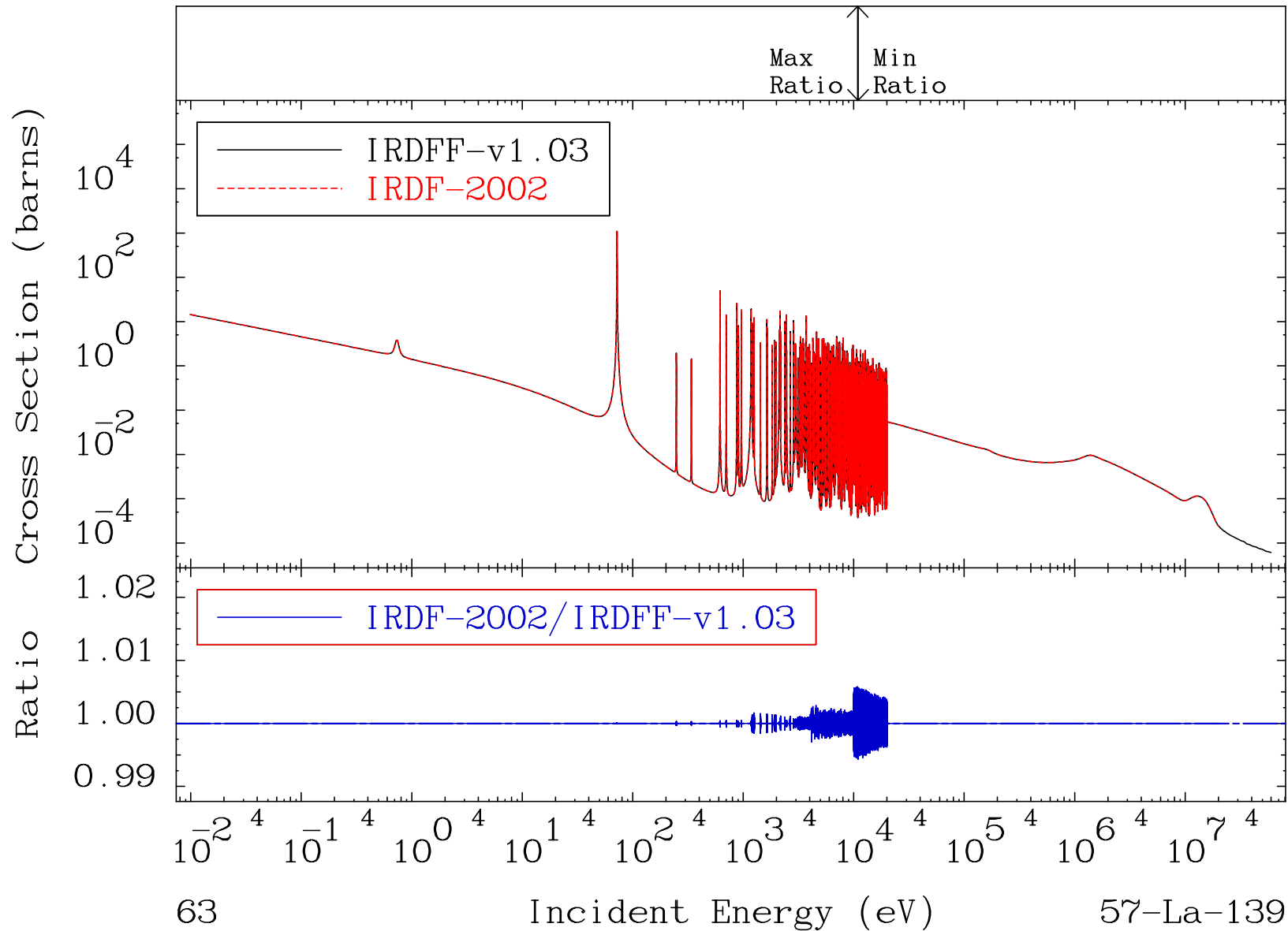
Incident Energy (MeV)

53-I -127

MAT 5728

(n, γ)
Cross Section

57-La-139
-0.569 To 0.579 %



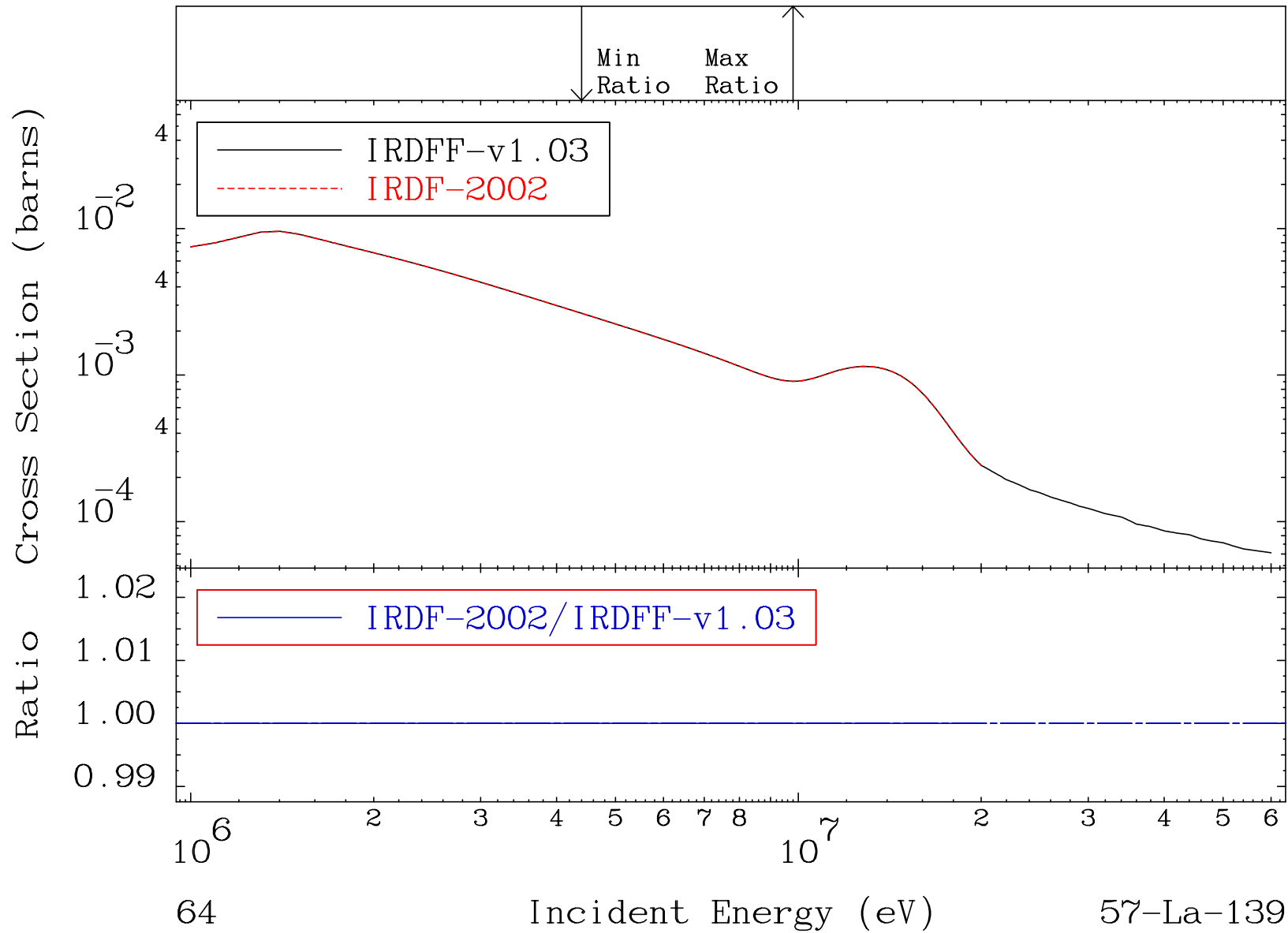
MAT 5728

(n, γ)

57-La-139

Cross Section

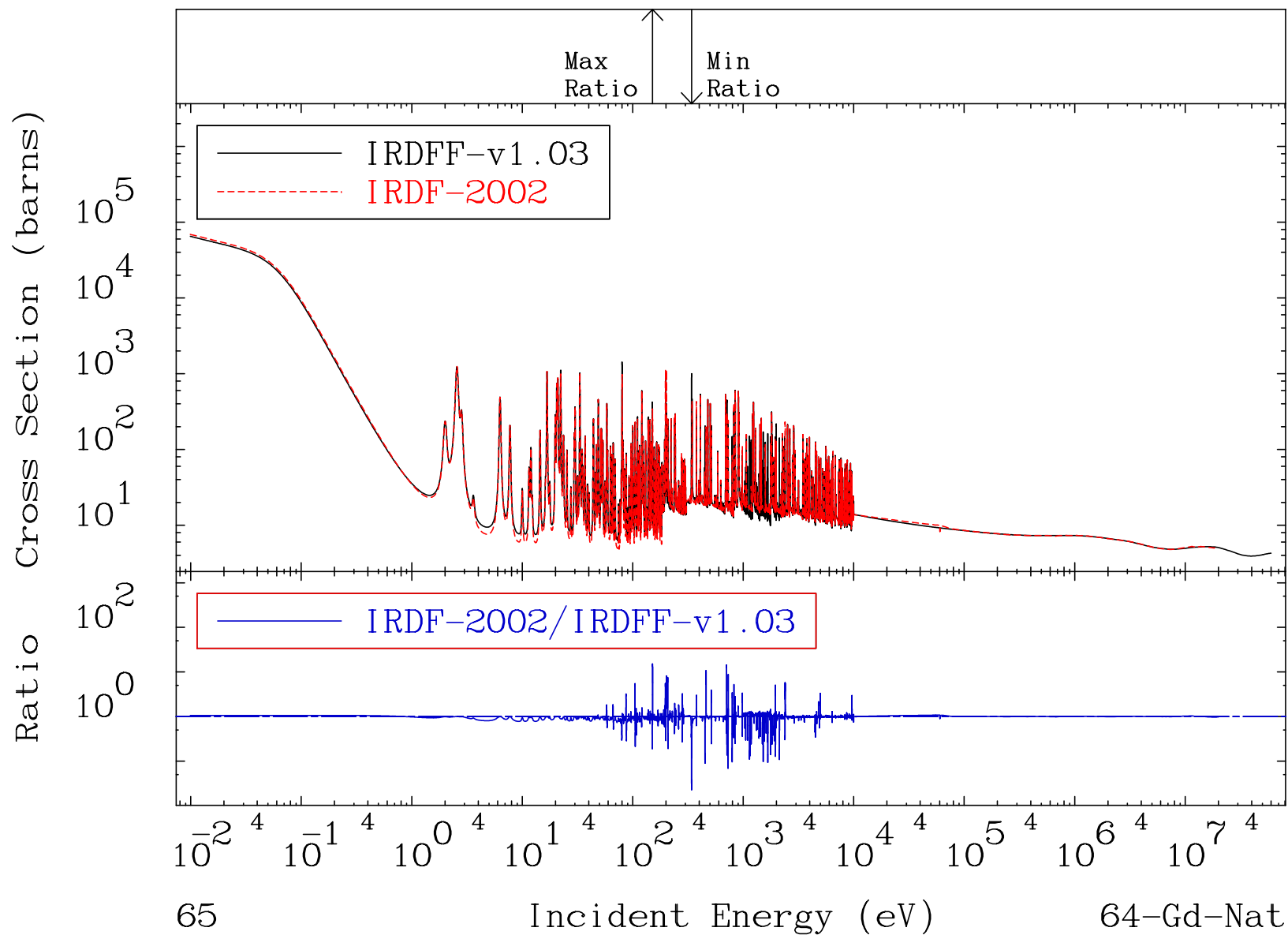
0.0009 To 0.000 %



MAT 6400

Total
Cross Section

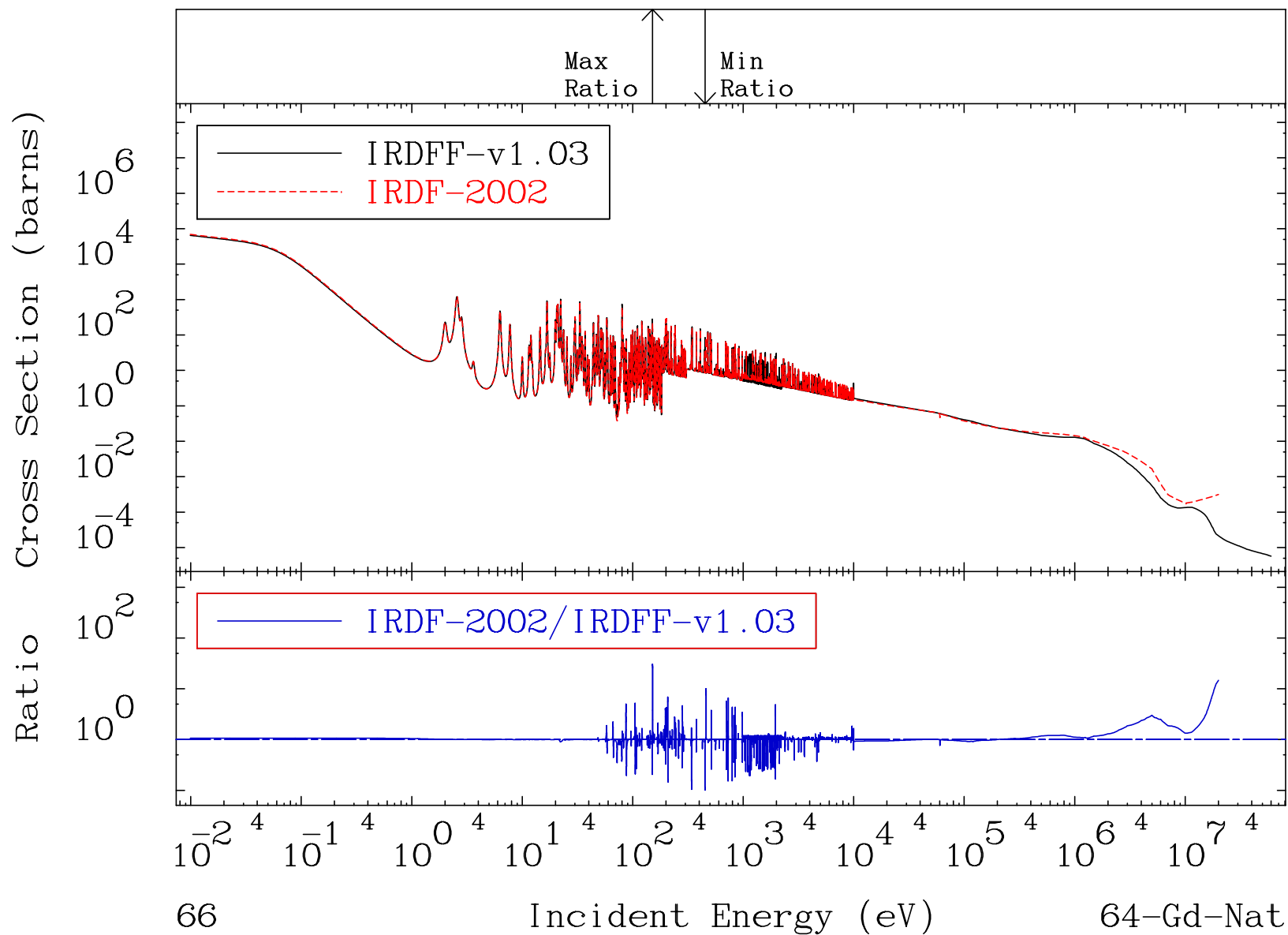
64-Gd-Nat
-97.75 To 1424. %



MAT 6400

(n, γ)
Cross Section

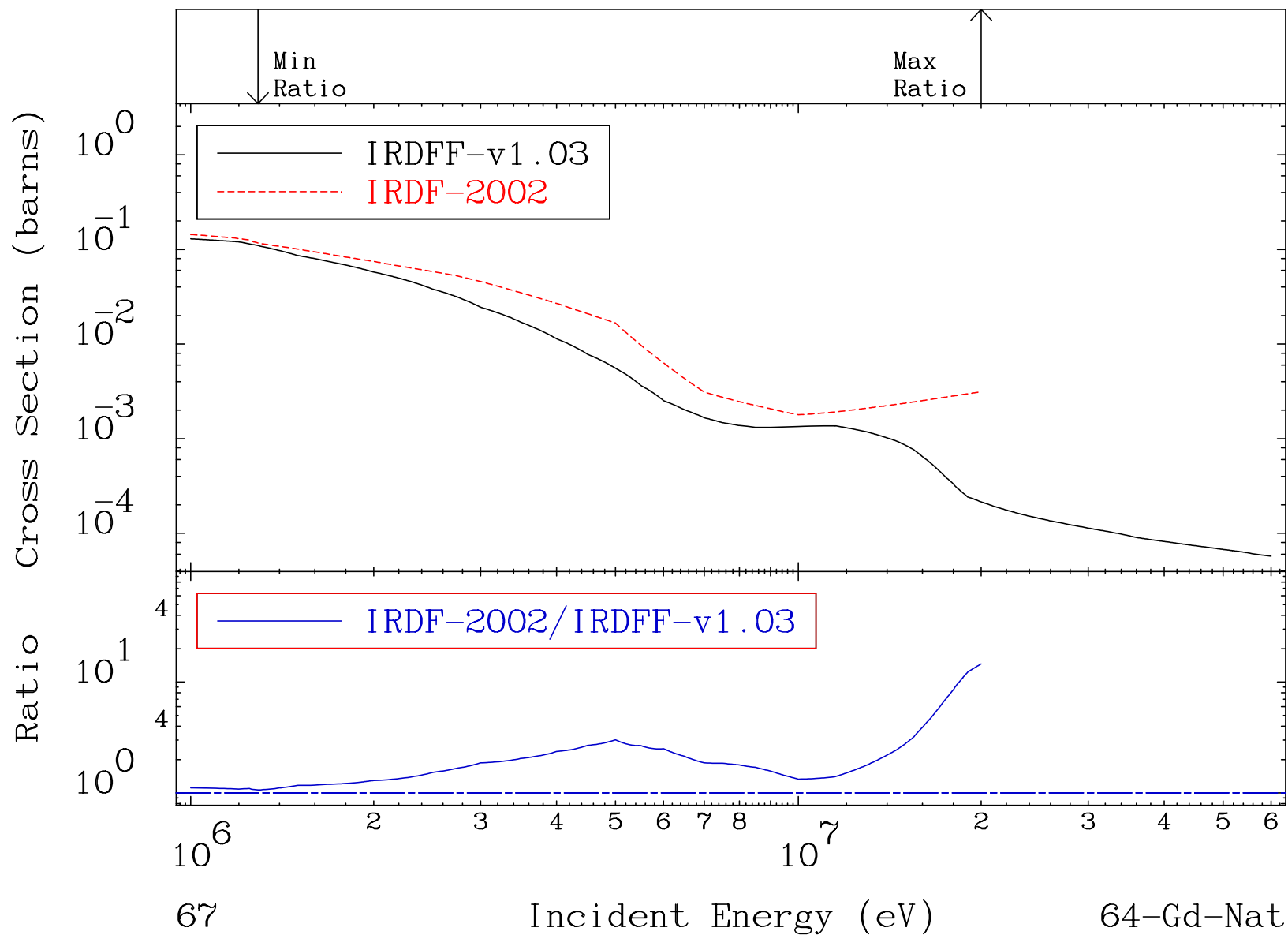
64-Gd-Nat
-89.86 To 3003. %



MAT 6400

(n, γ)
Cross Section

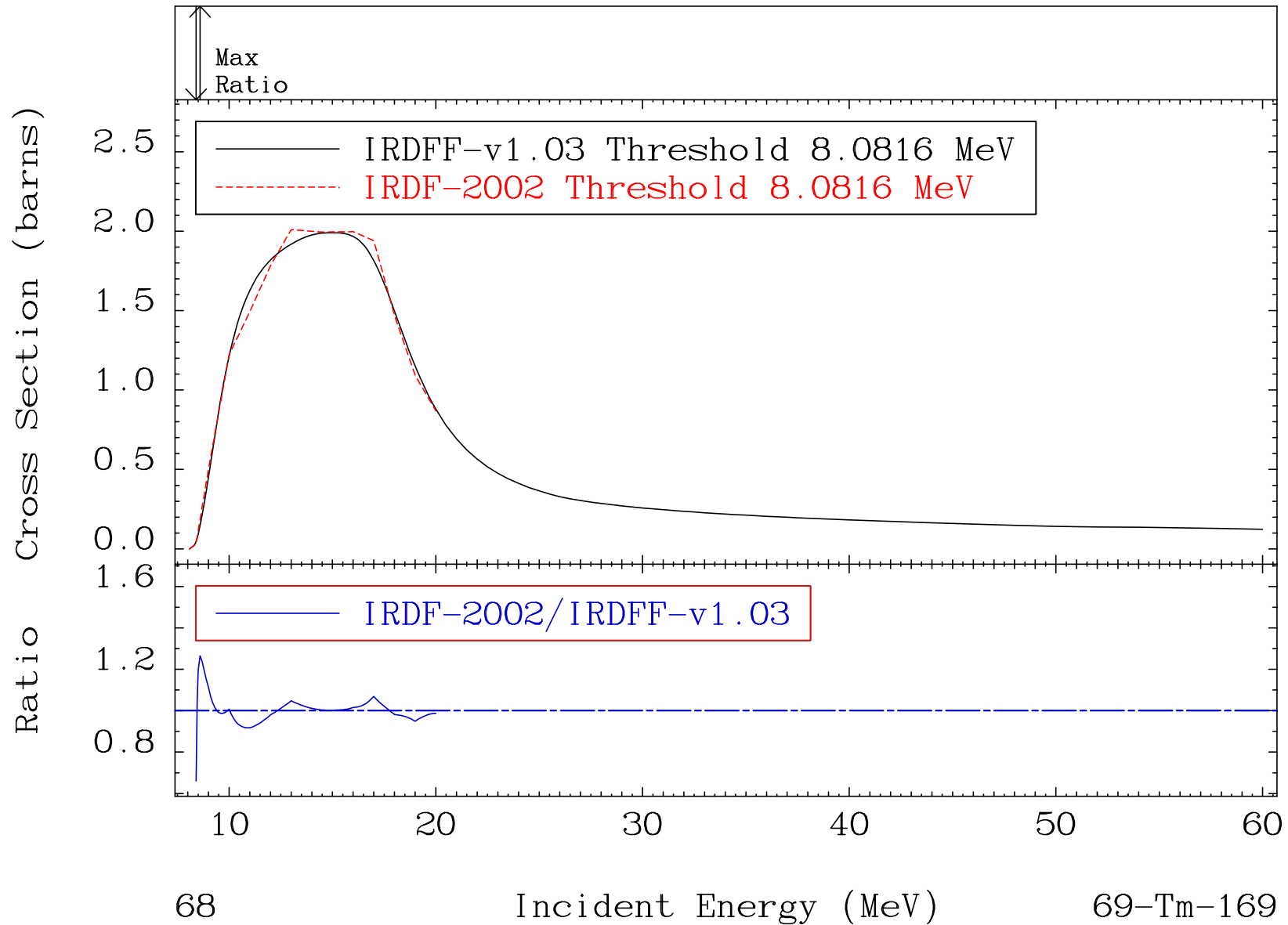
64-Gd-Nat
6.4426 To 1362. %



MAT 6925

(n,2n)
Cross Section

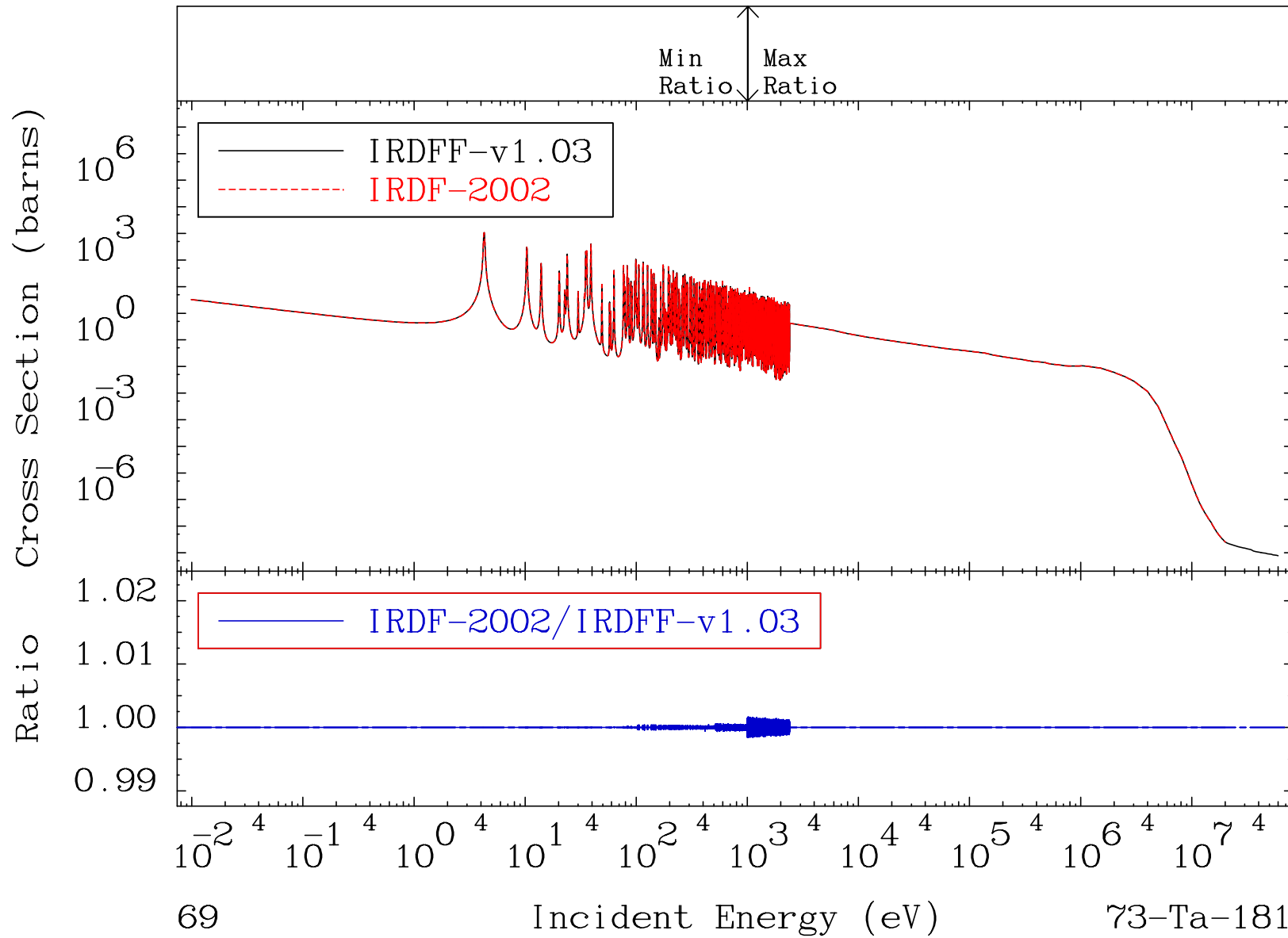
69-Tm-169
-33.99 To 26.55 %



MAT 7328

(n, γ)
Cross Section

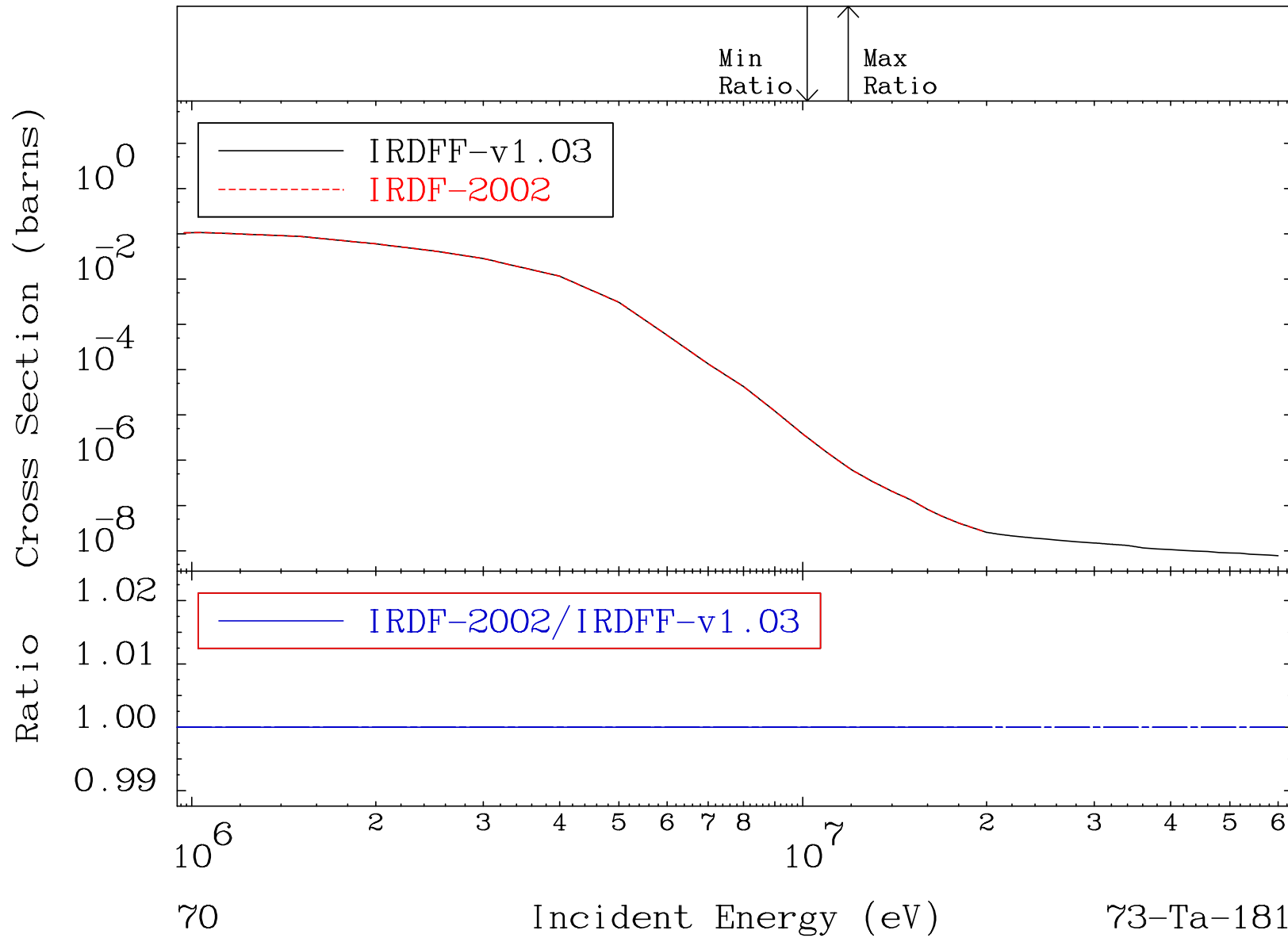
73-Ta-181
-0.159 To 0.164 %



MAT 7328

(n, γ)
Cross Section

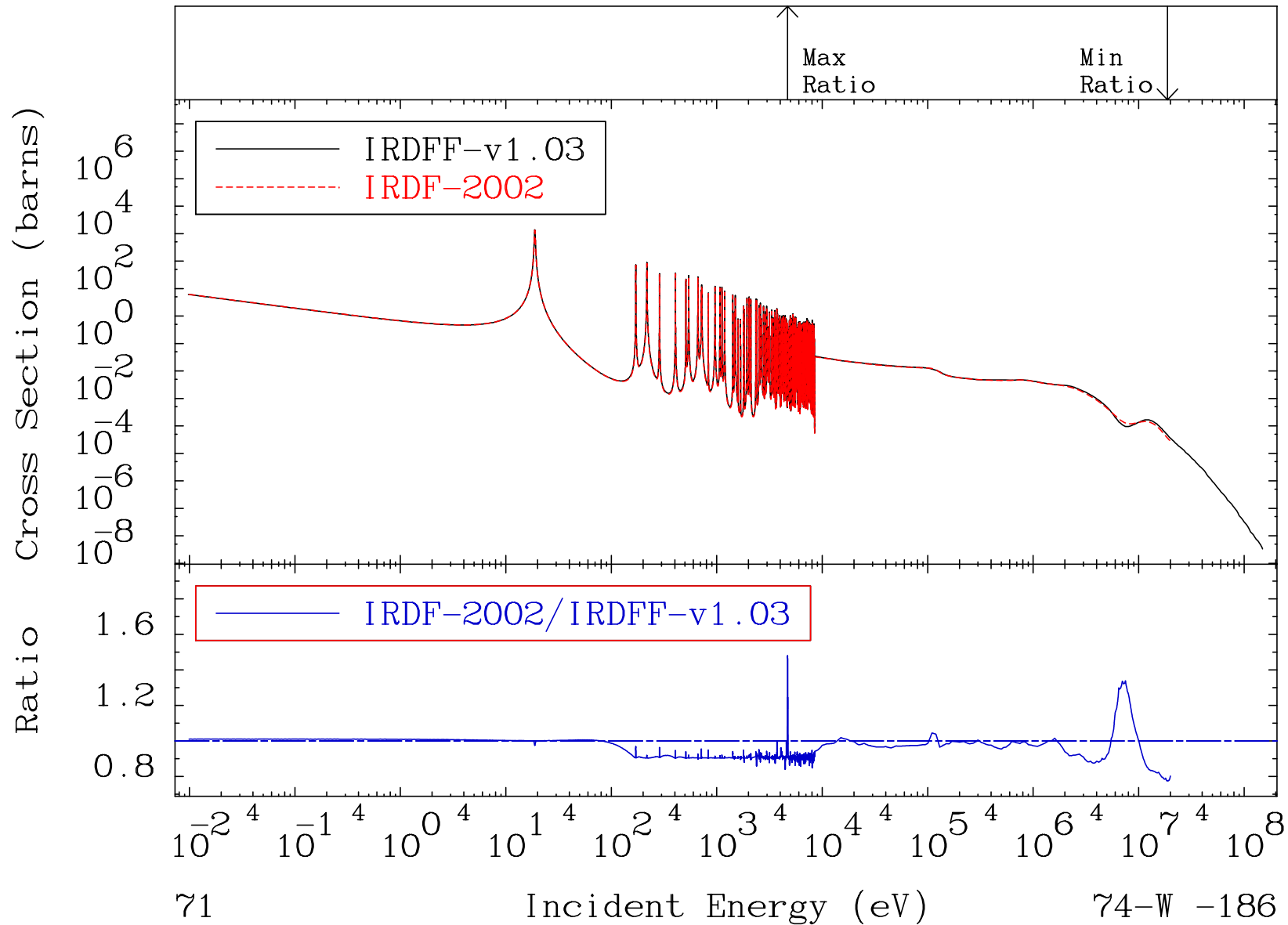
73-Ta-181
0.0009 To 0.000 %



MAT 7443

(n, γ)
Cross Section

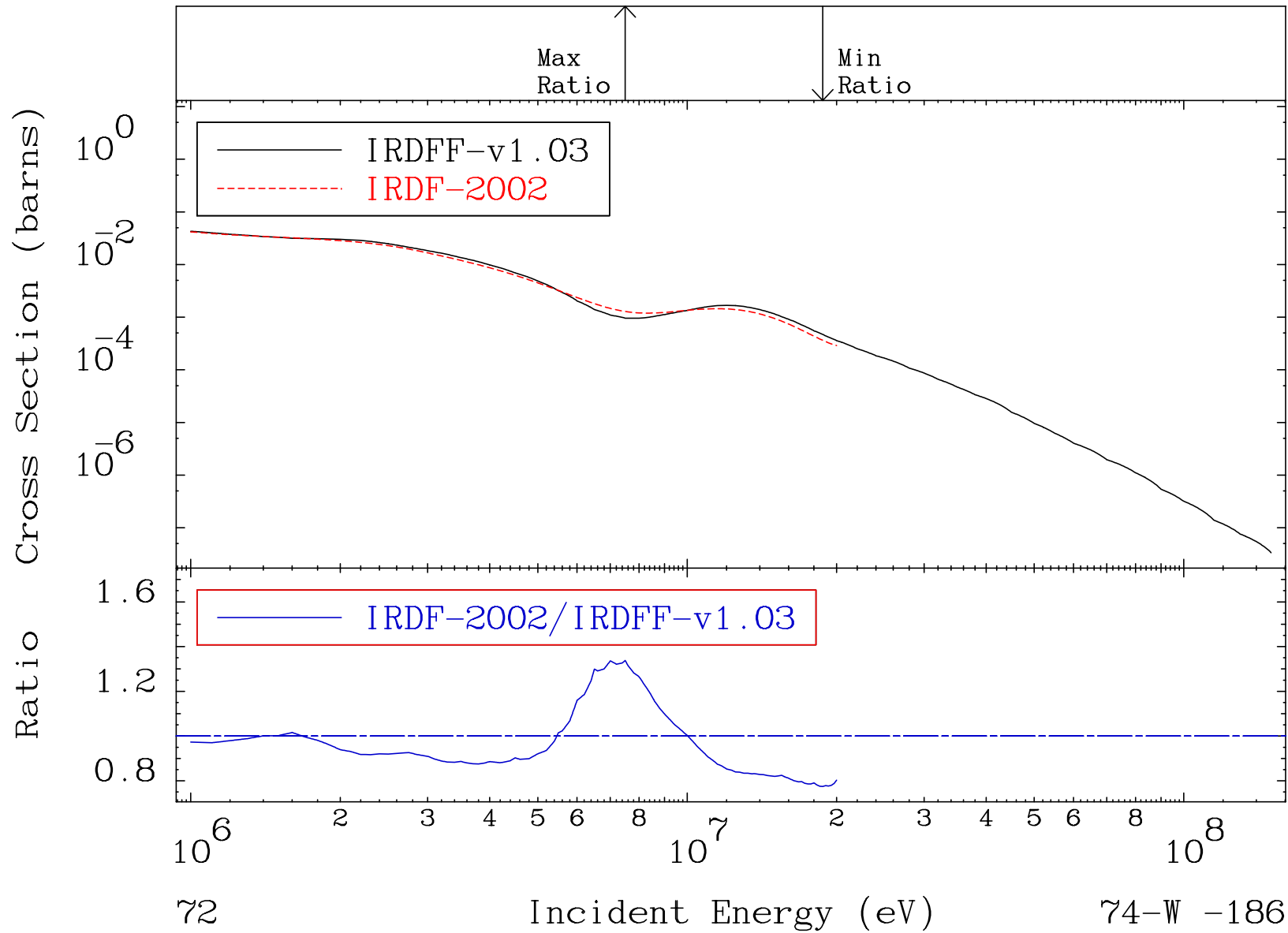
74-W -186
-22.55 To 47.92 %



MAT 7443

(n, γ)
Cross Section

74-W -186
-22.55 To 33.85 %



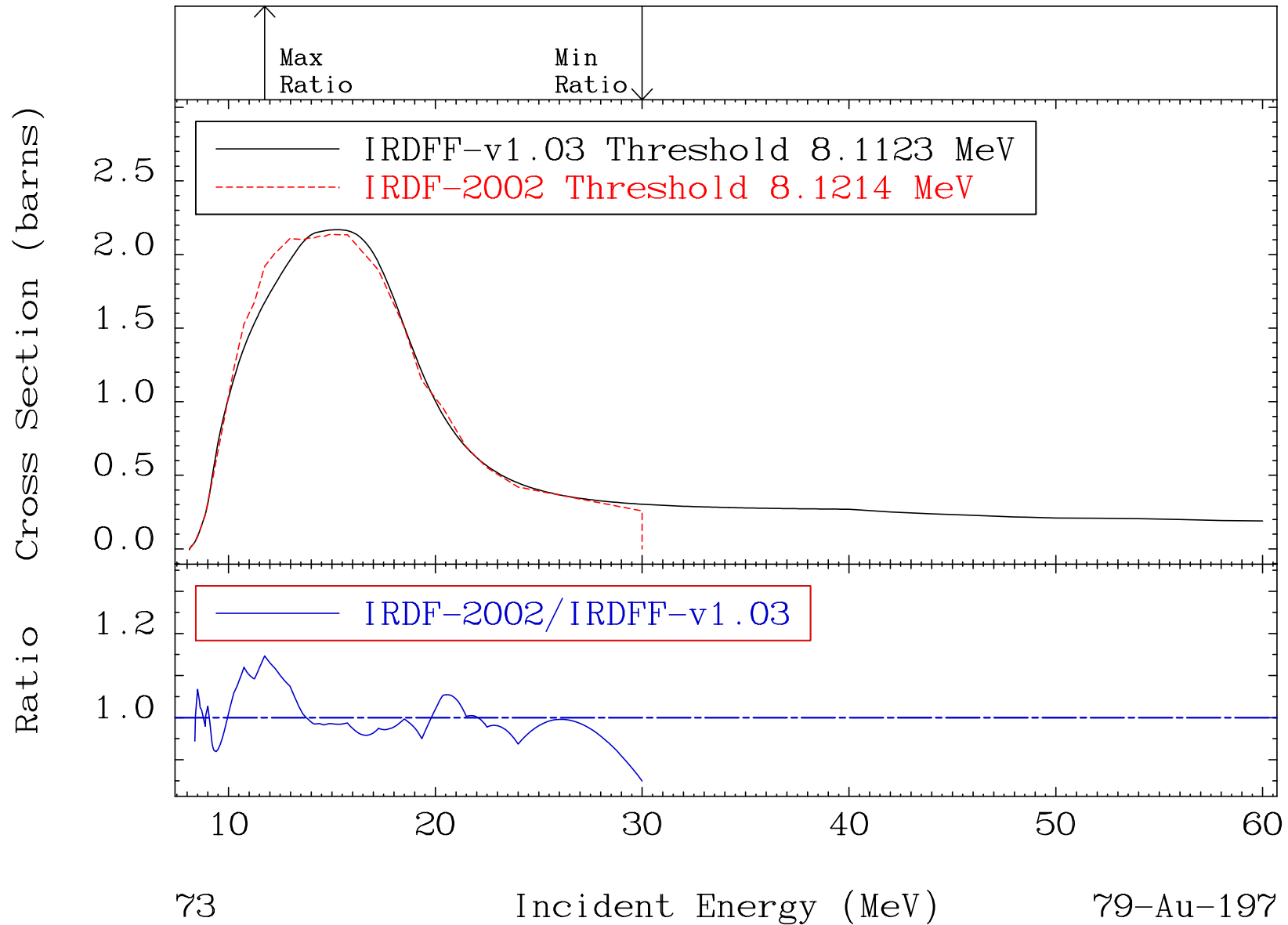
MAT 7925

(n,2n)

79-Au-197

Cross Section

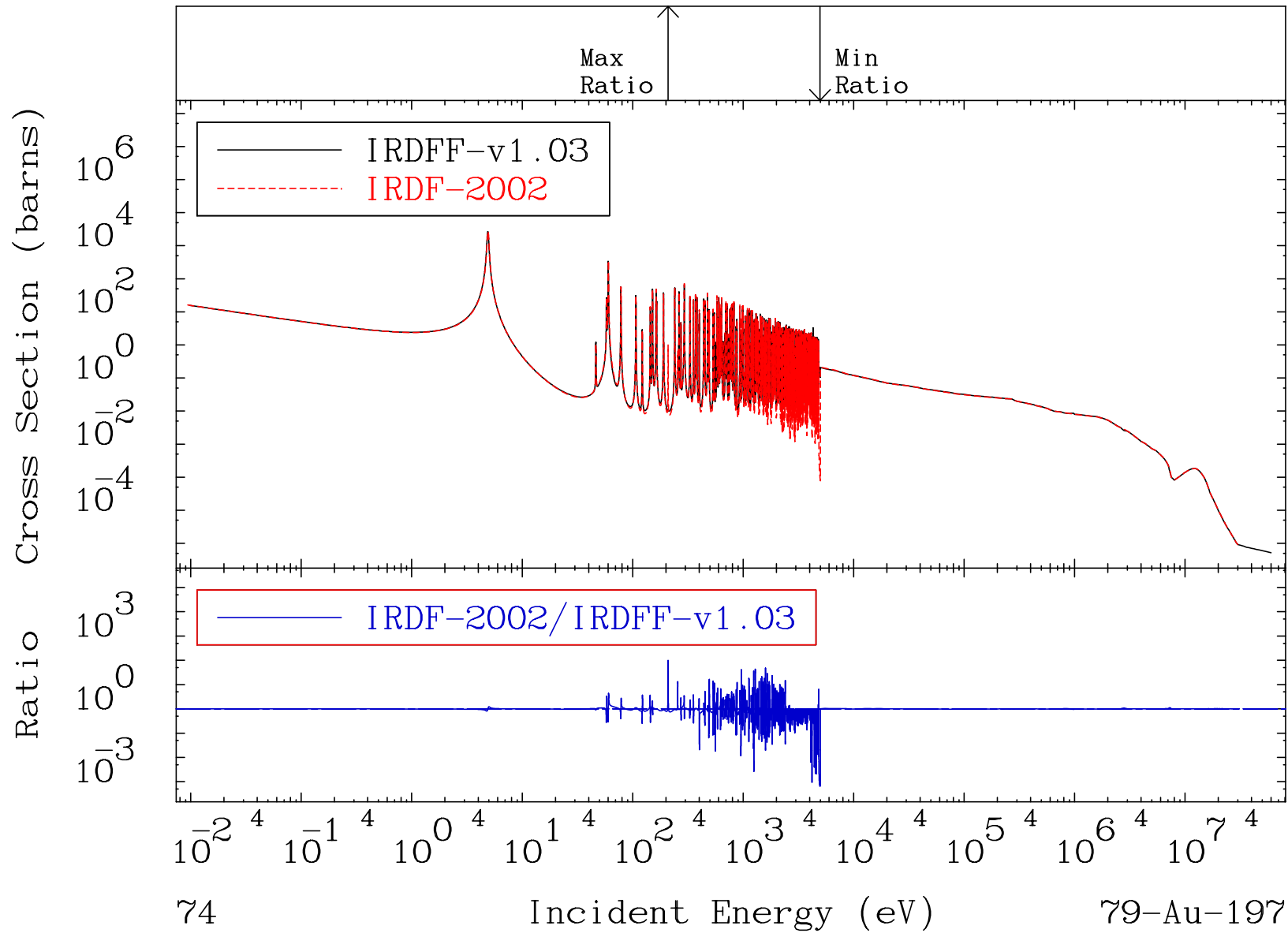
-15.06 To 14.69 %



MAT 7925

(n, γ)
Cross Section

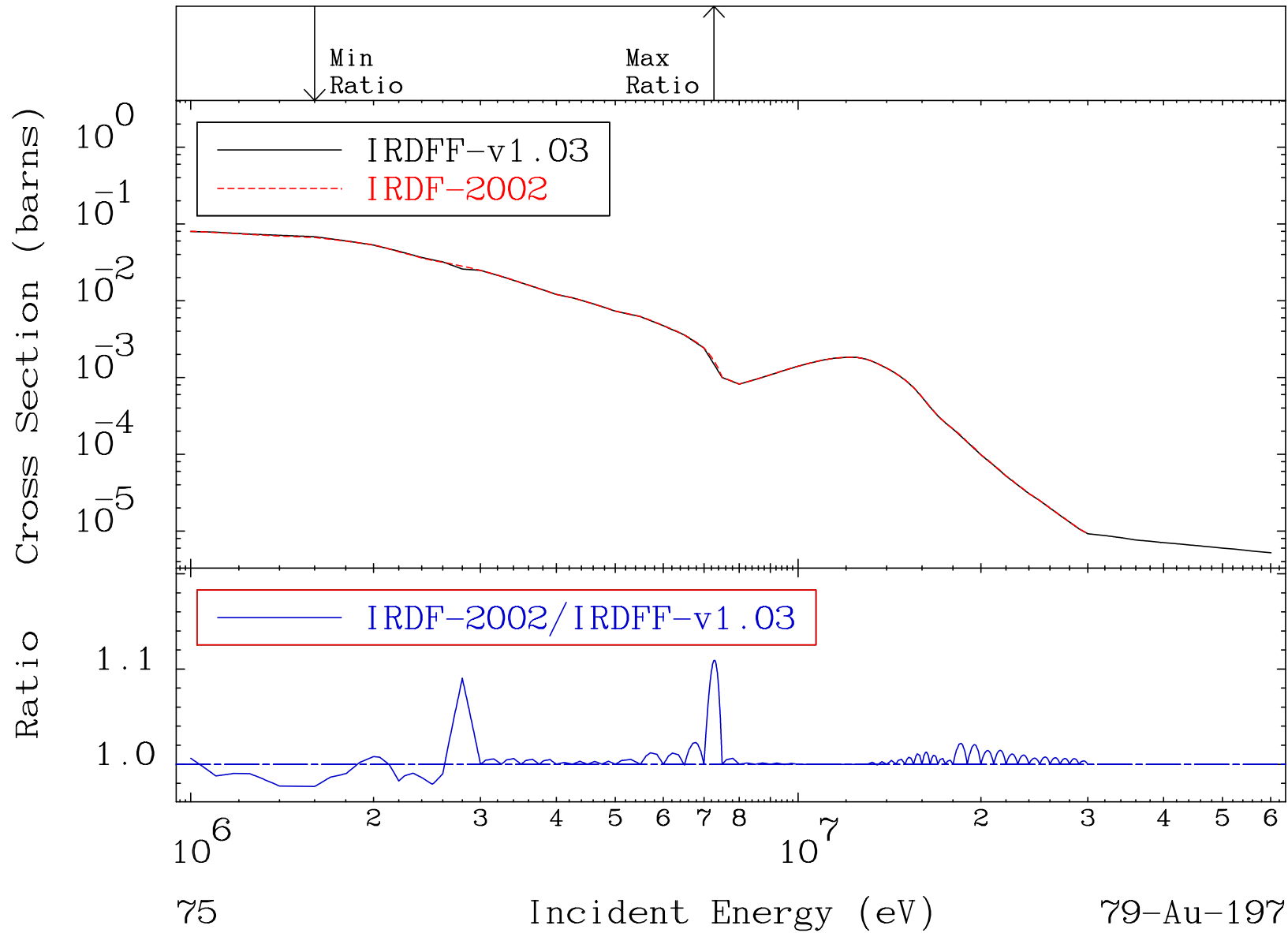
79-Au-197
-99.94 To 9840. %



MAT 7925

(n, γ)
Cross Section

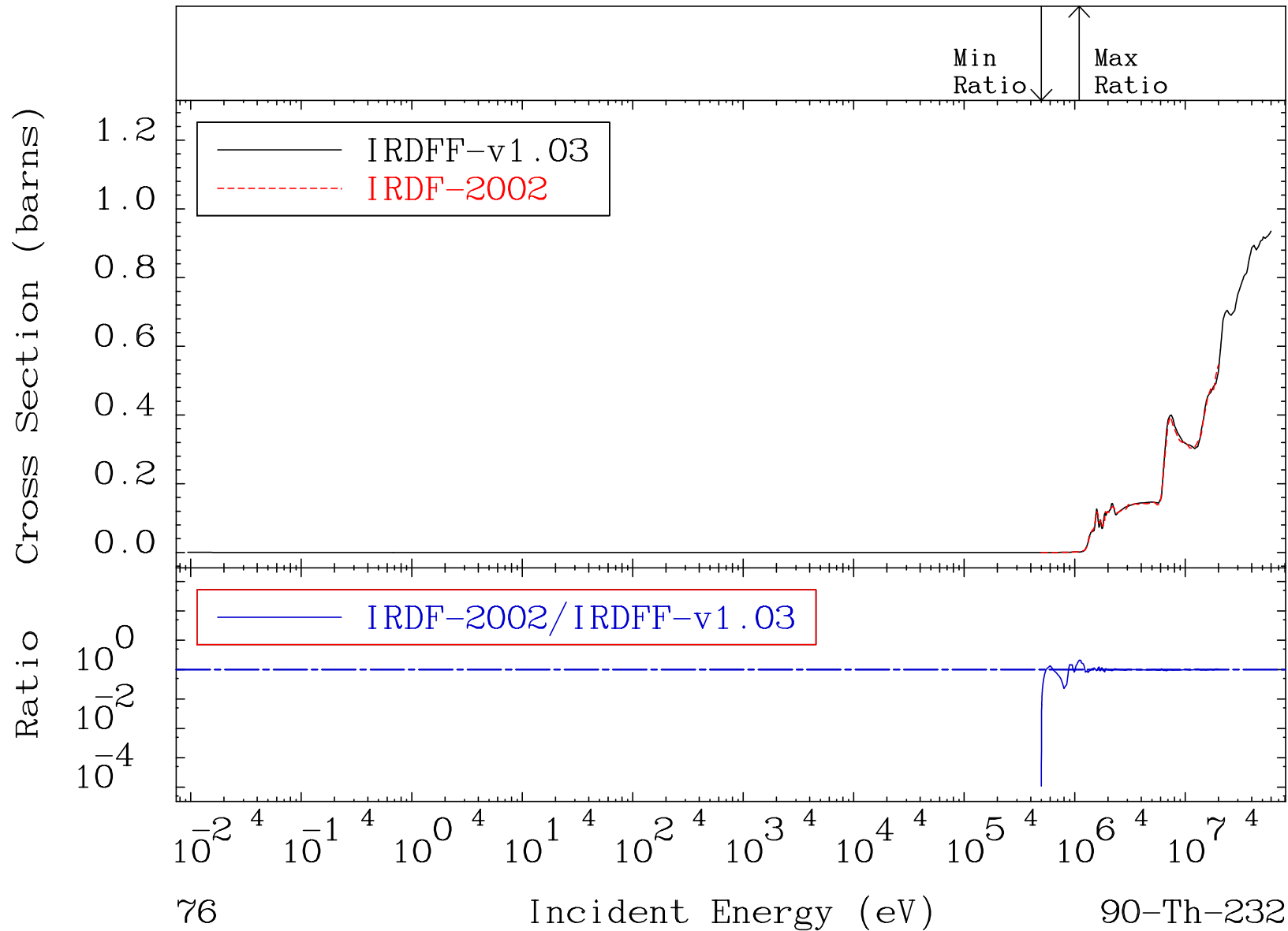
79-Au-197
-2.330 To 10.91 %



MAT 9040

Fission
Cross Section

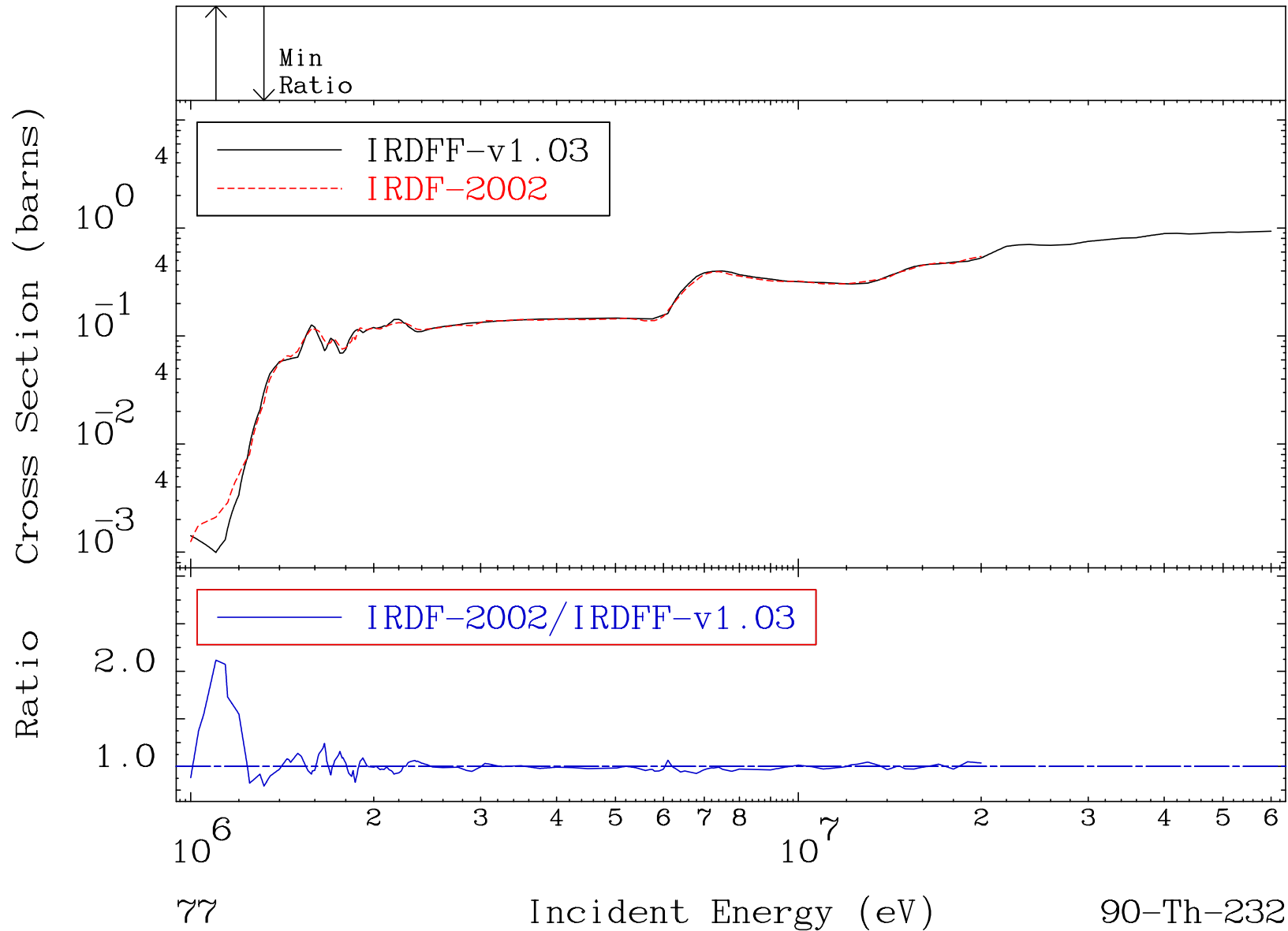
90-Th-232
-99.99 To 111.8 %



MAT 9040

Fission
Cross Section

90-Th-232
-20.72 To 111.8 %



77

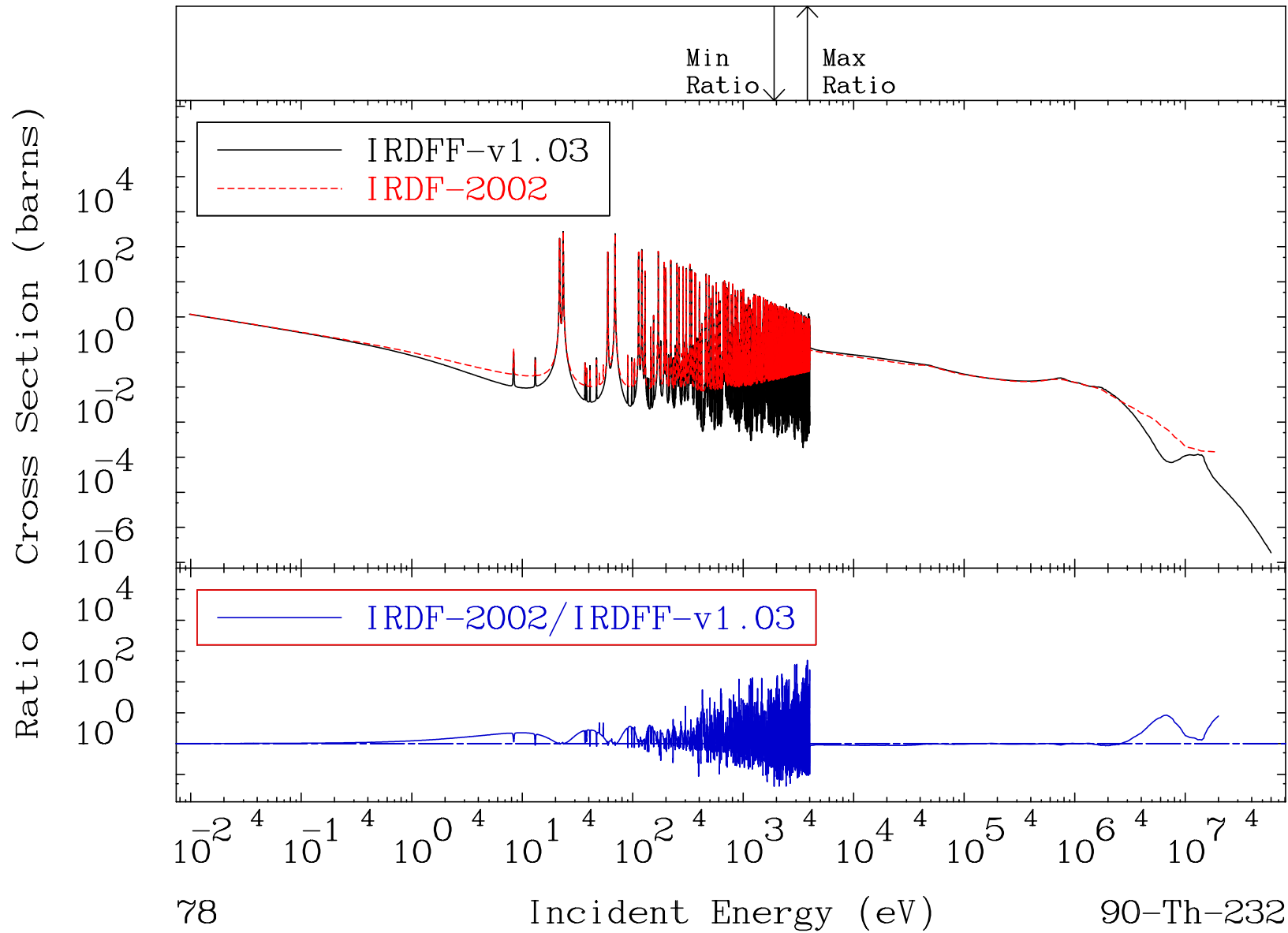
Incident Energy (eV)

90-Th-232

MAT 9040

(n, γ)
Cross Section

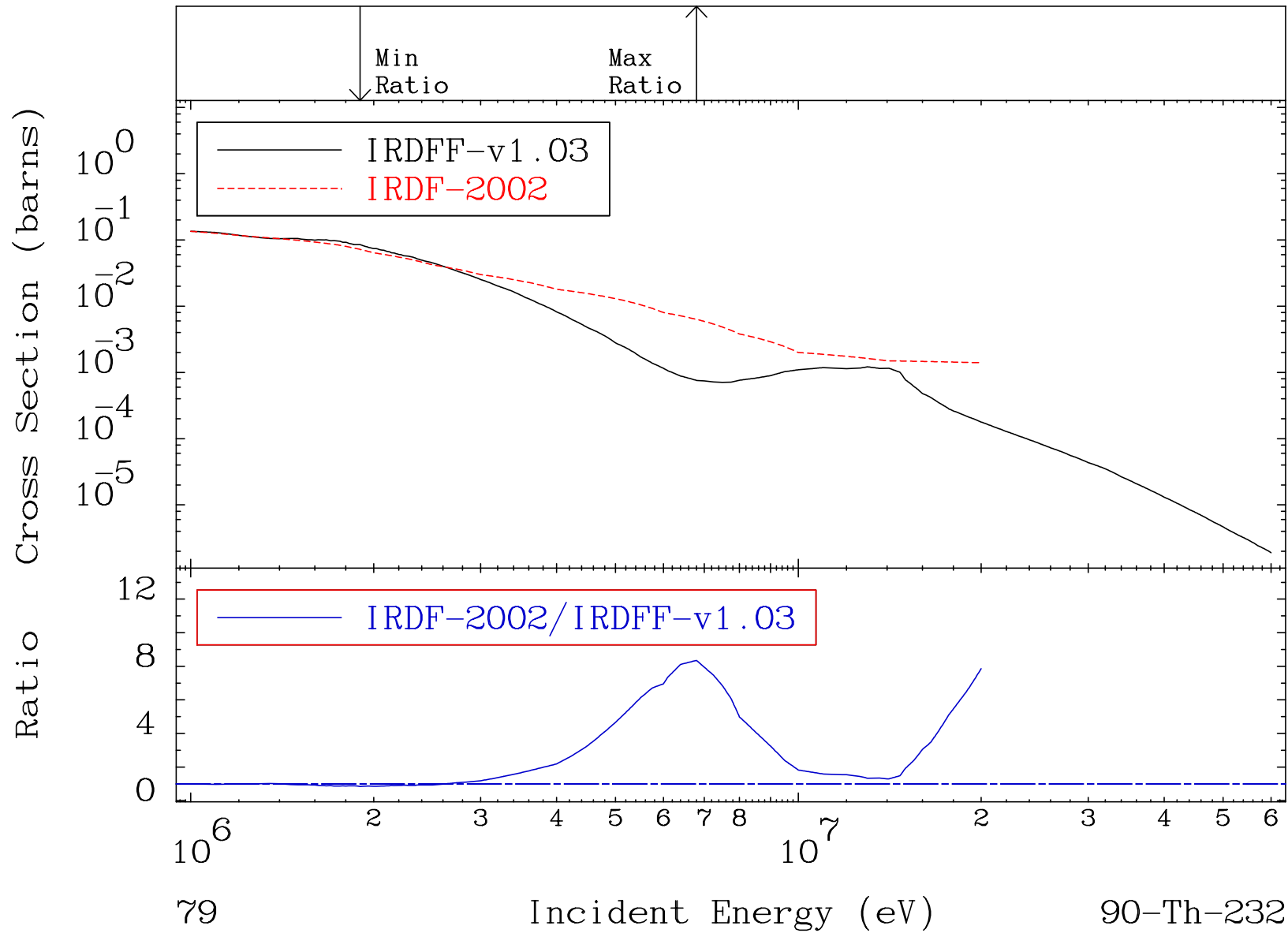
90-Th-232
-95.94 To 9999. %



MAT 9040

(n, γ)
Cross Section

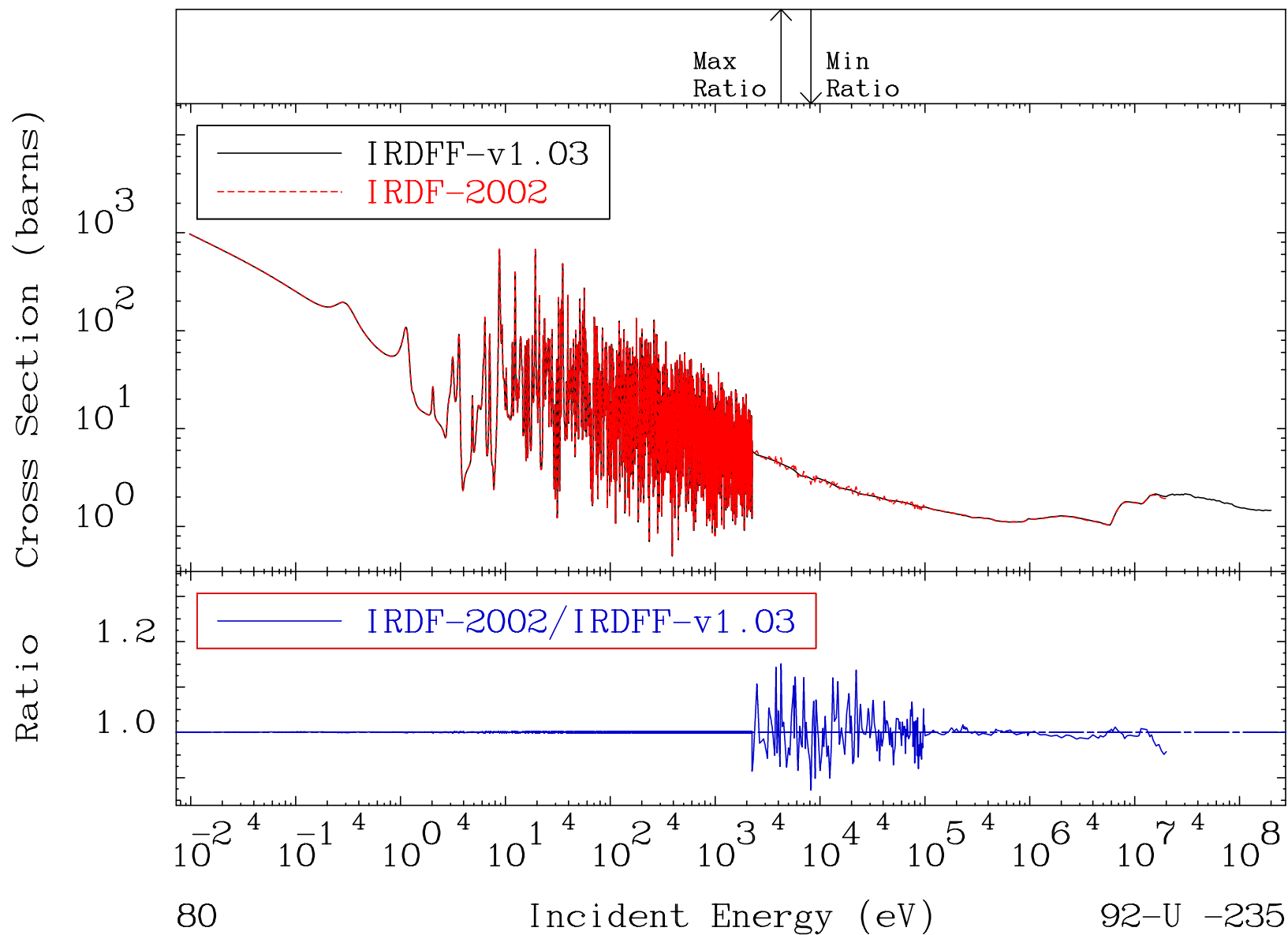
90-Th-232
-15.57 To 735.4 %



MAT 9228

Fission
Cross Section

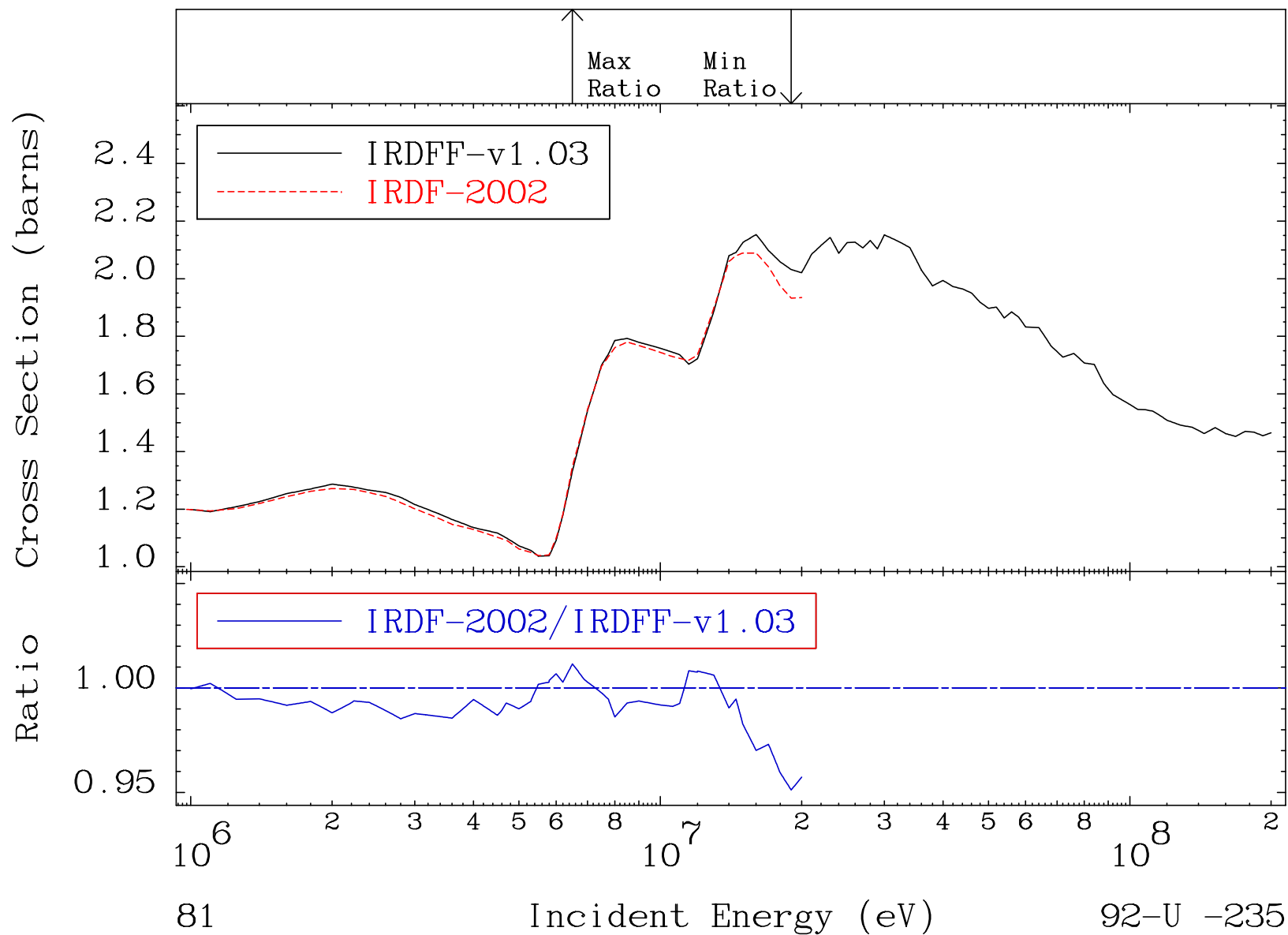
$^{92}\text{U} - 235$
-12.71 To 15.11 %



MAT 9228

Fission
Cross Section

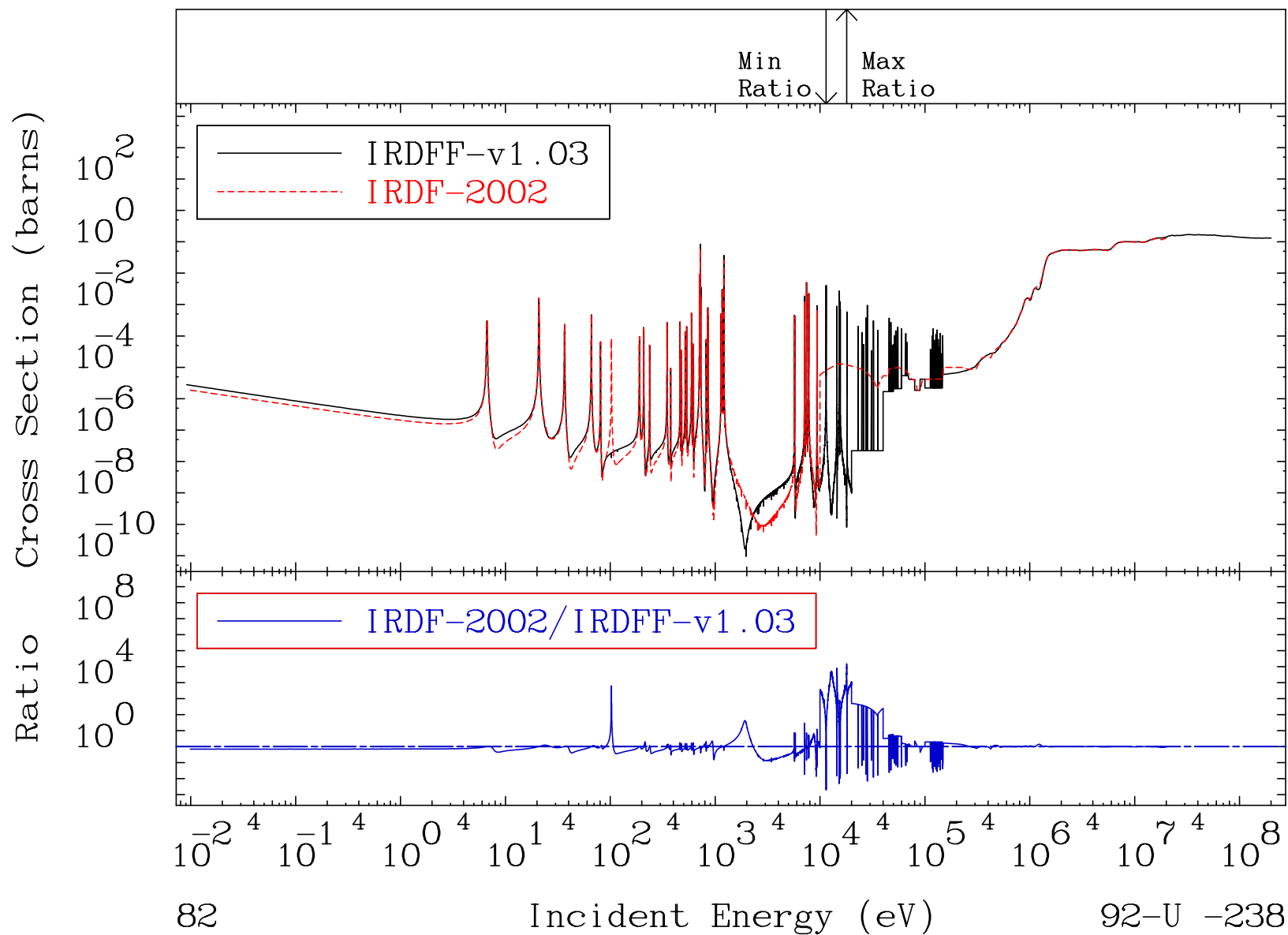
^{92}U -235
-4.883 To 1.155 %



MAT 9237

Fission
Cross Section

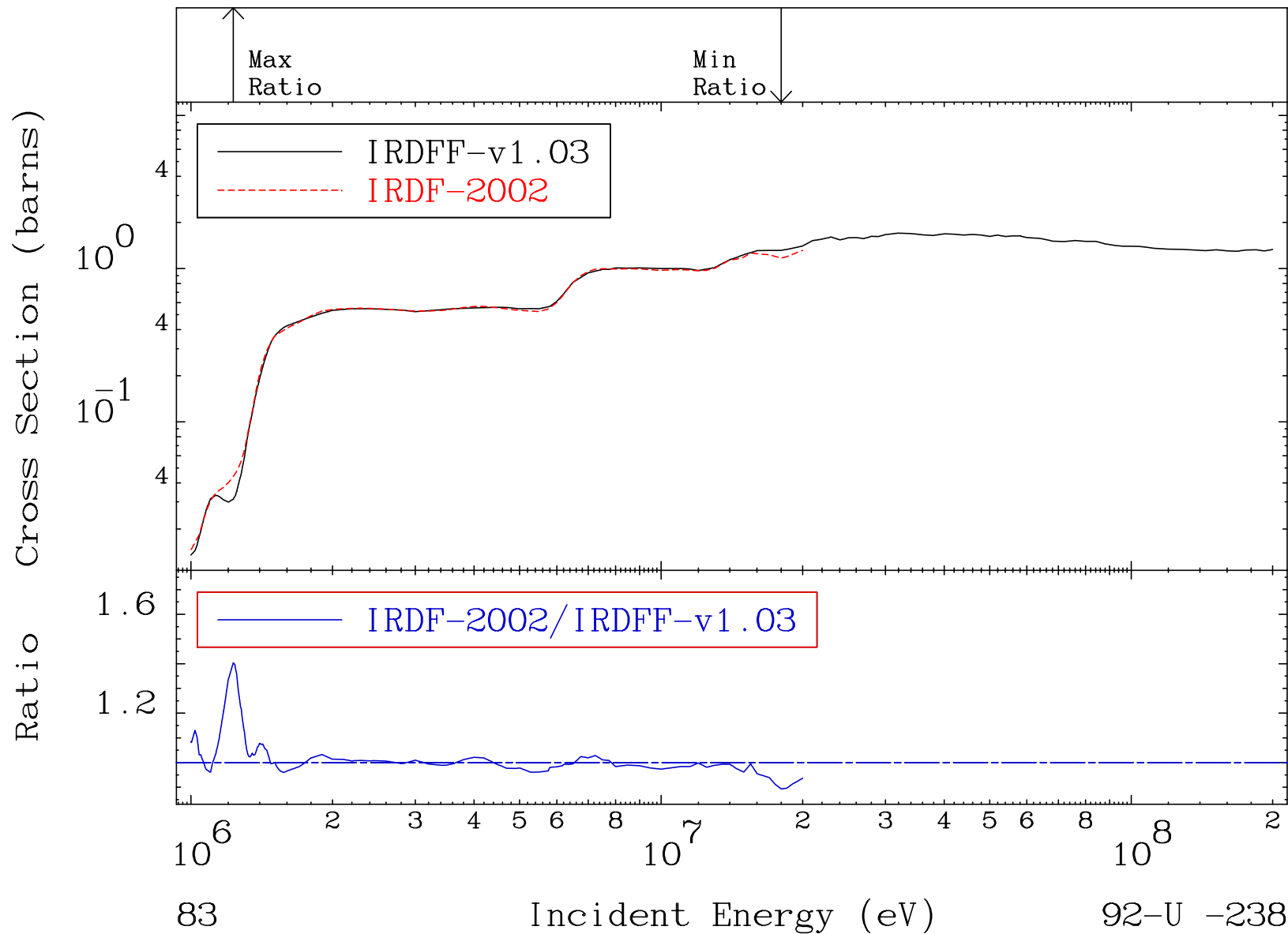
92-U -238
-99.81 To 9999. %



MAT 9237

Fission
Cross Section

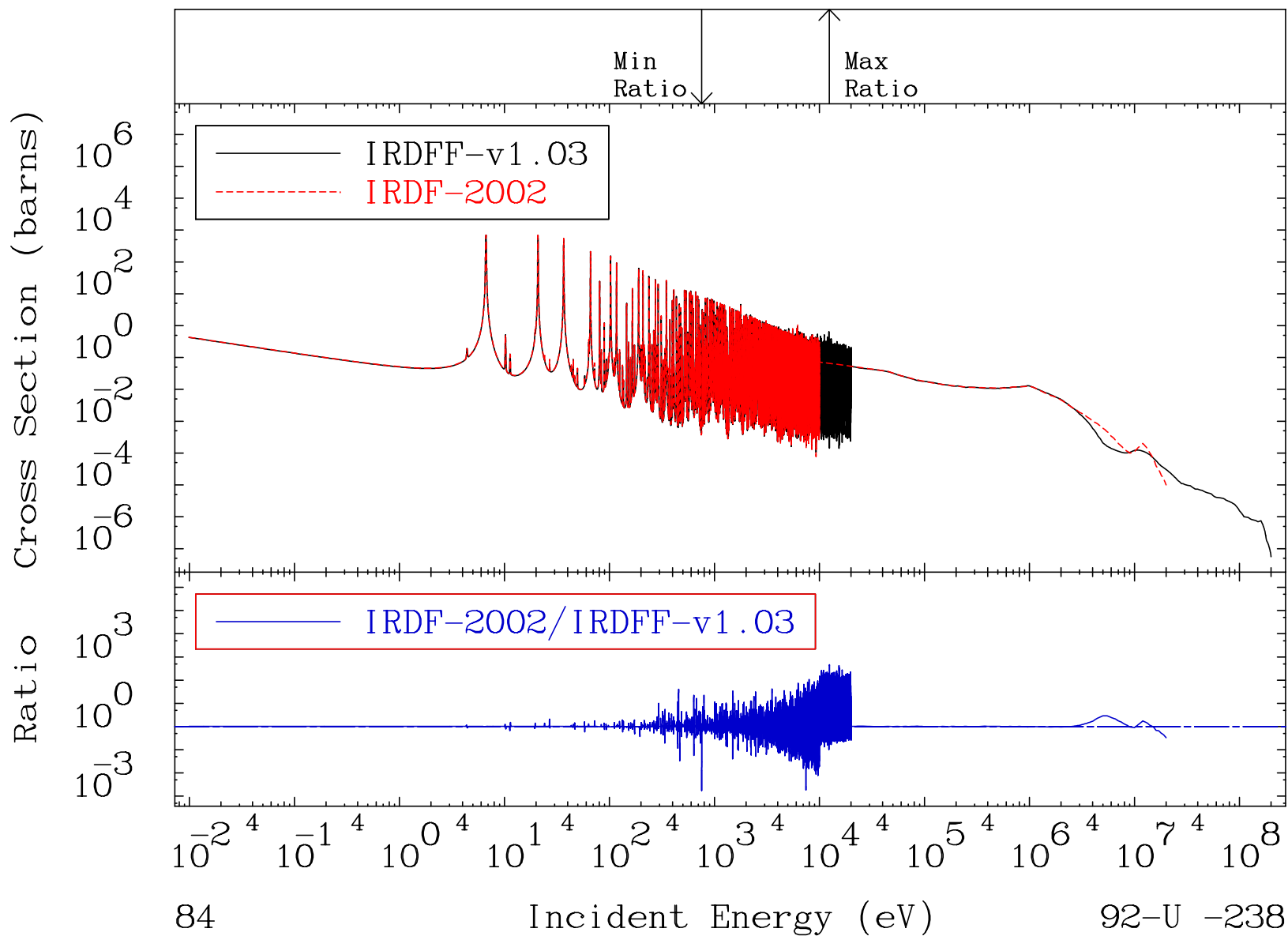
^{92}U -238
-10.66 To 40.44 %



MAT 9237

(n, γ)
Cross Section

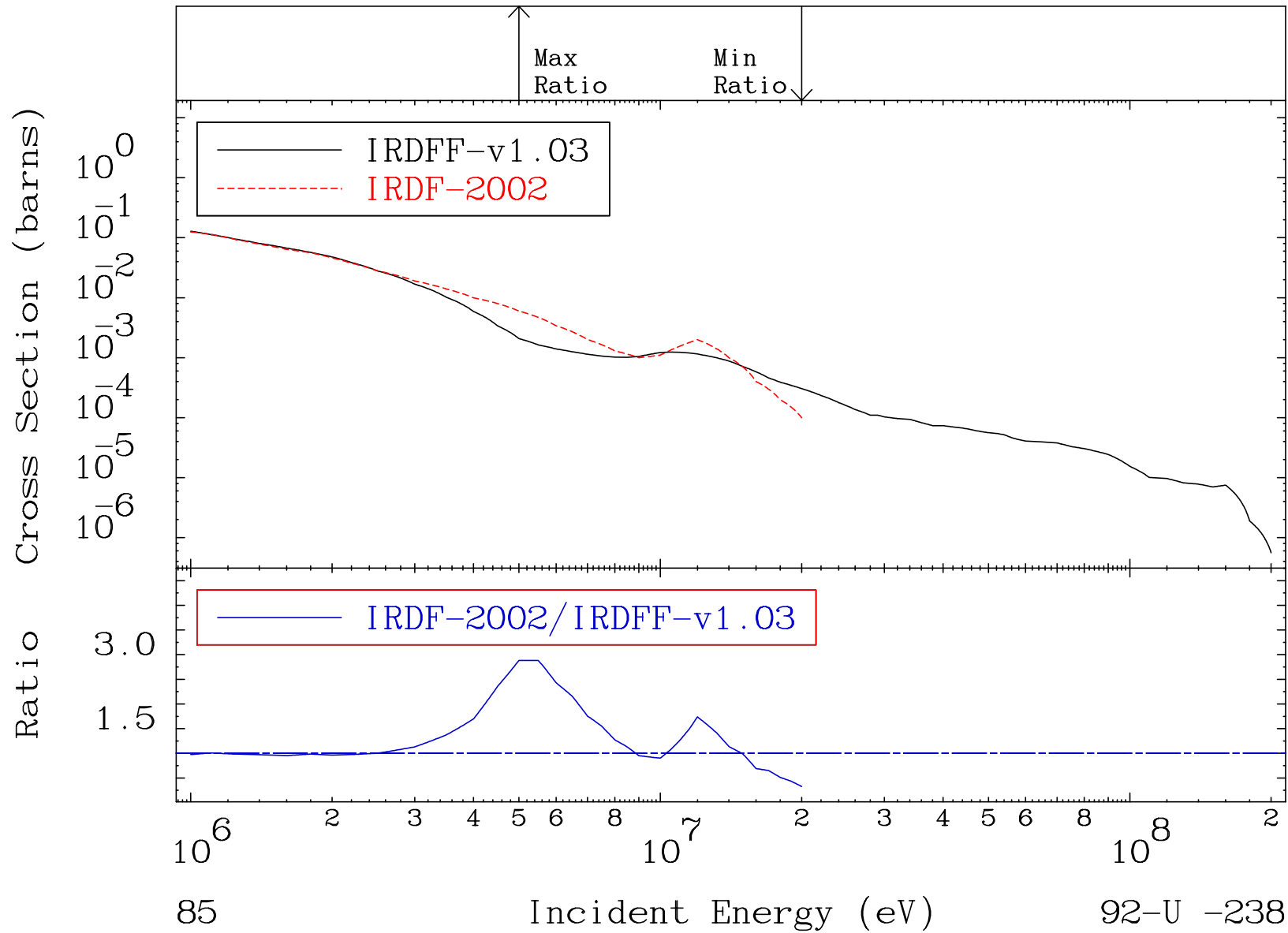
92-U -238
-99.83 To 9999. %



MAT 9237

(n, γ)
Cross Section

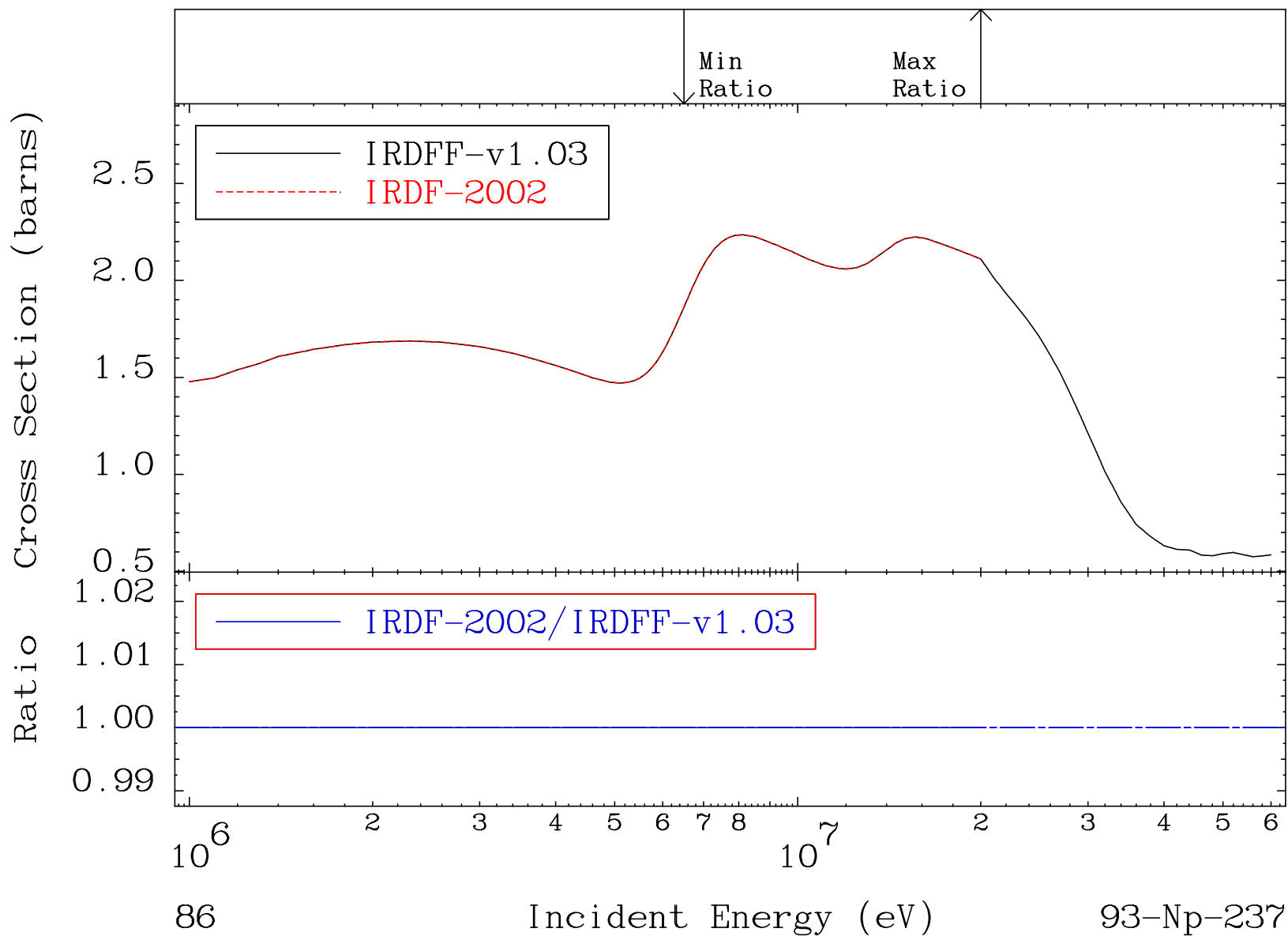
92-U -238
-67.20 To 188.5 %



MAT 9346

Fission
Cross Section

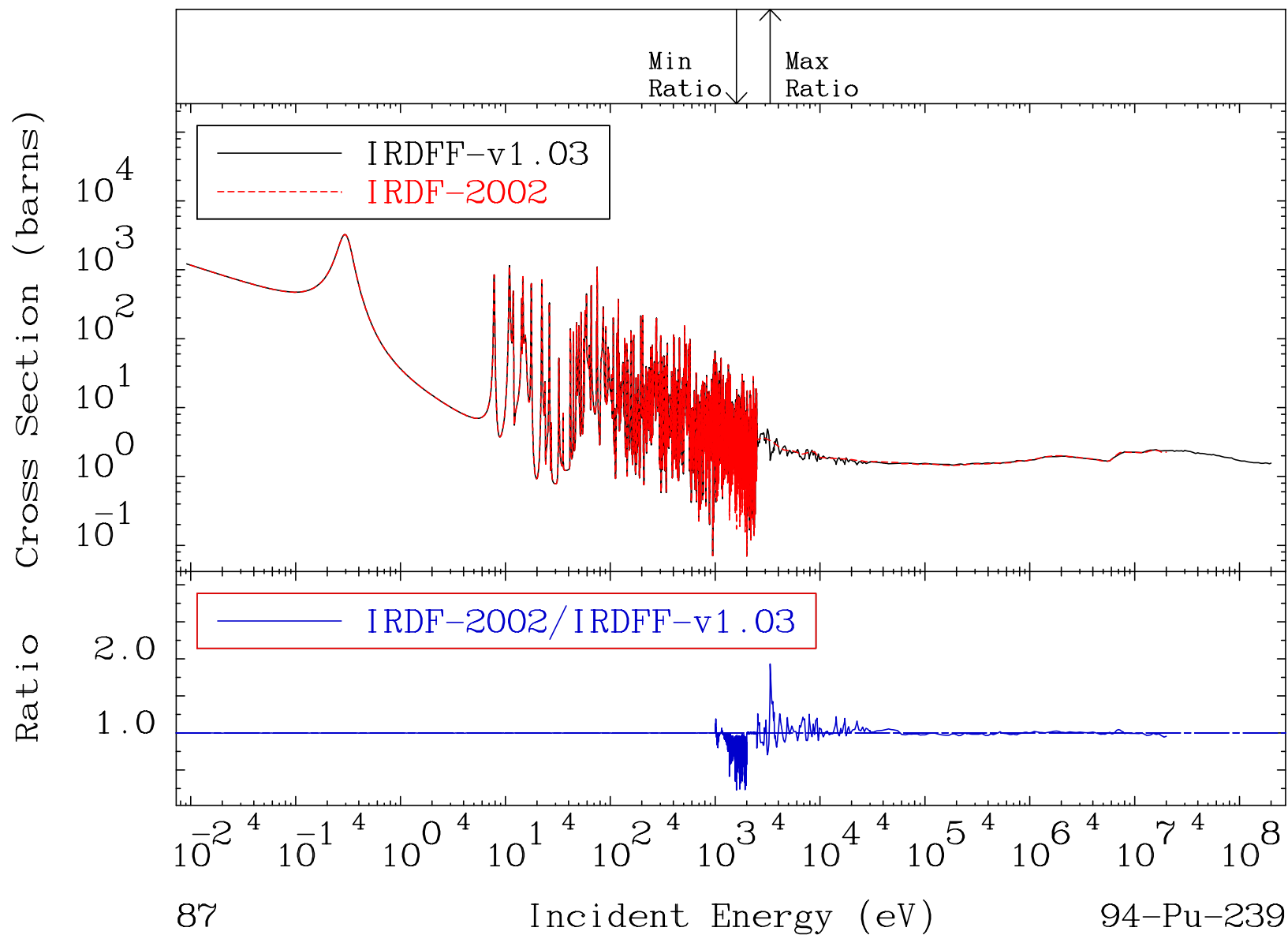
0.000 To 0.000 %
93-Np-237



MAT 9437

Fission
Cross Section

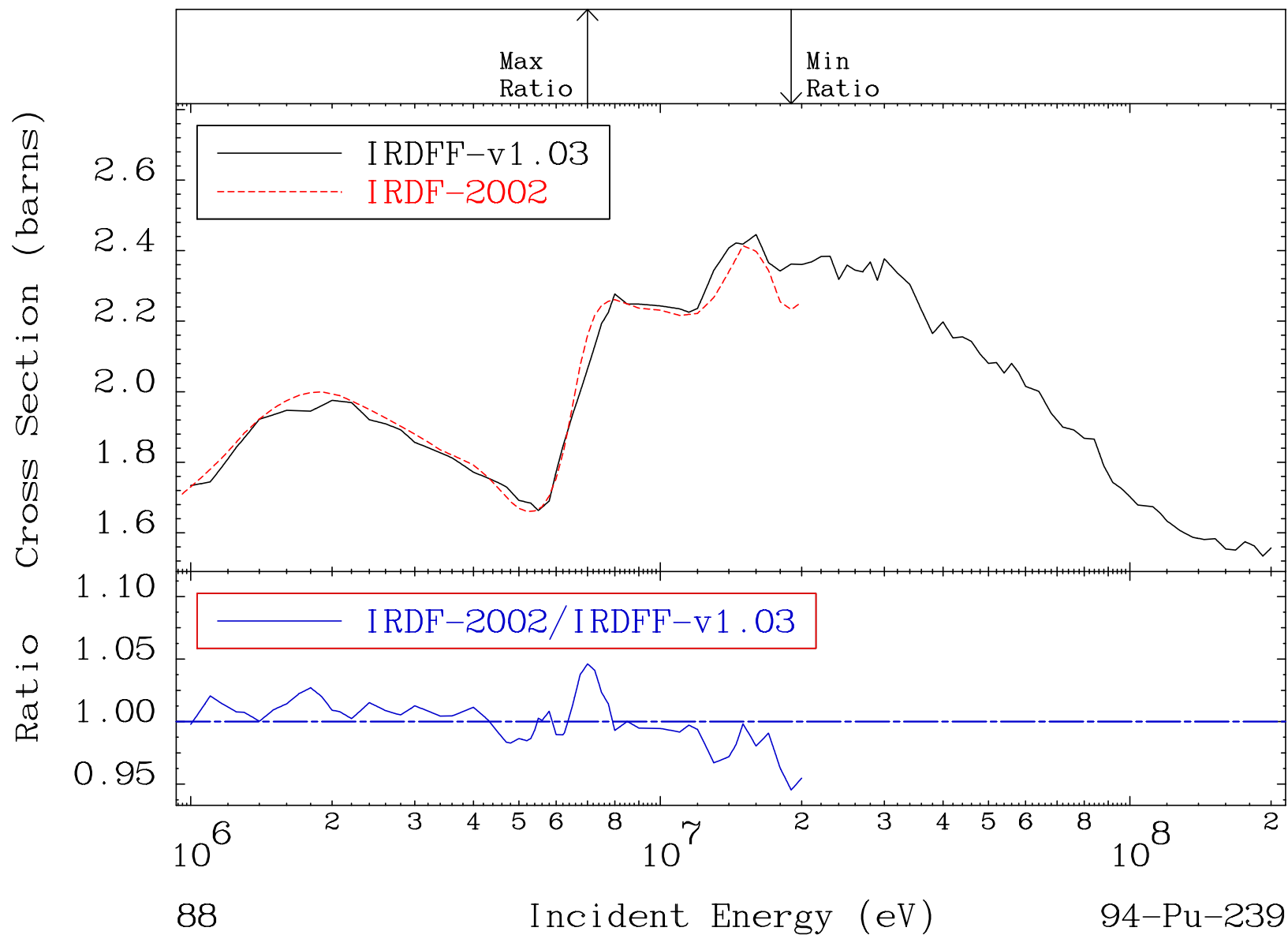
94-Pu-239
-76.86 To 93.33 %



MAT 9437

Fission
Cross Section

94-Pu-239
-5.465 To 4.621 %



MAT 9543

Fission
Cross Section

95-Am-241
0.000 To 0.000 %

