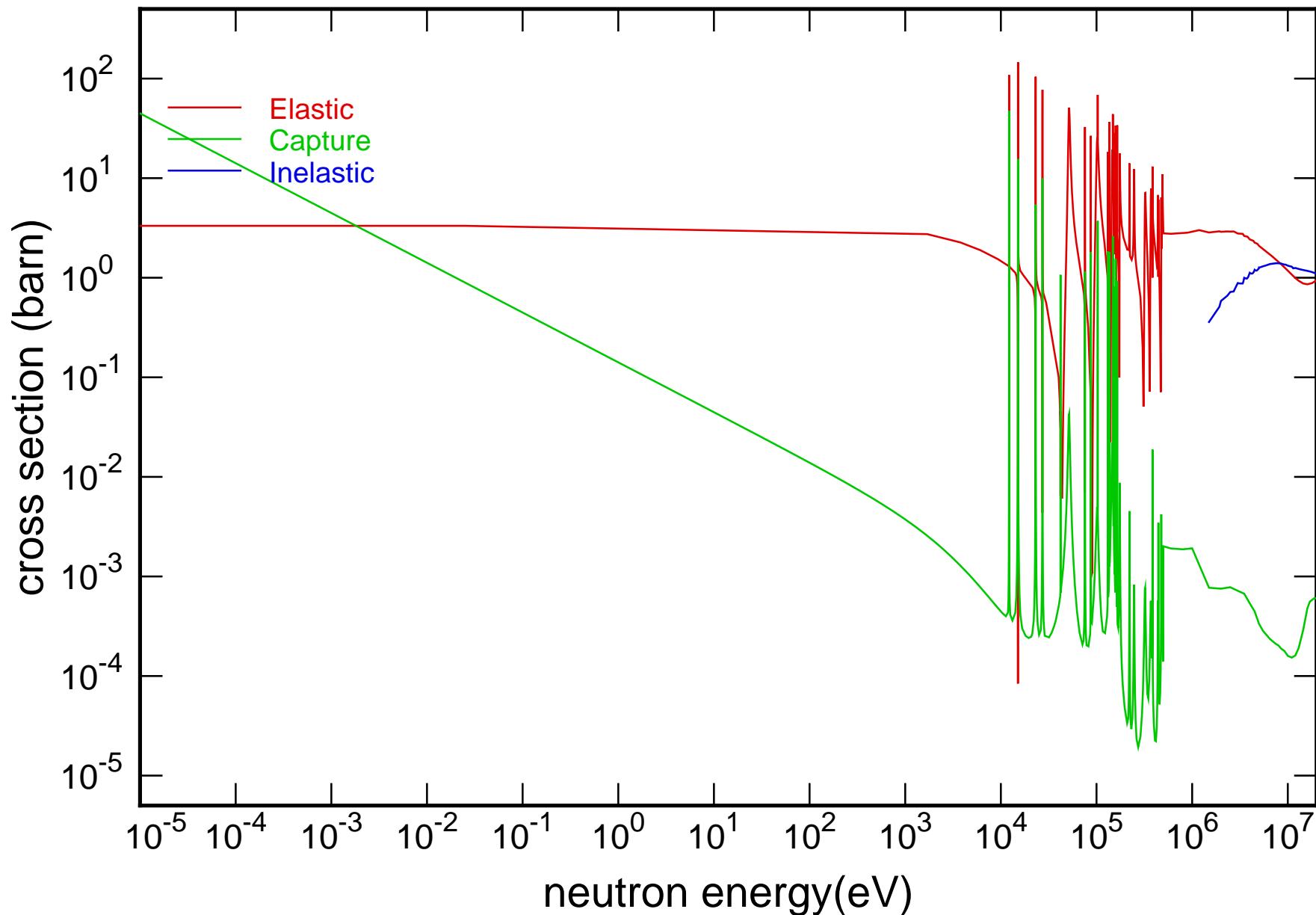
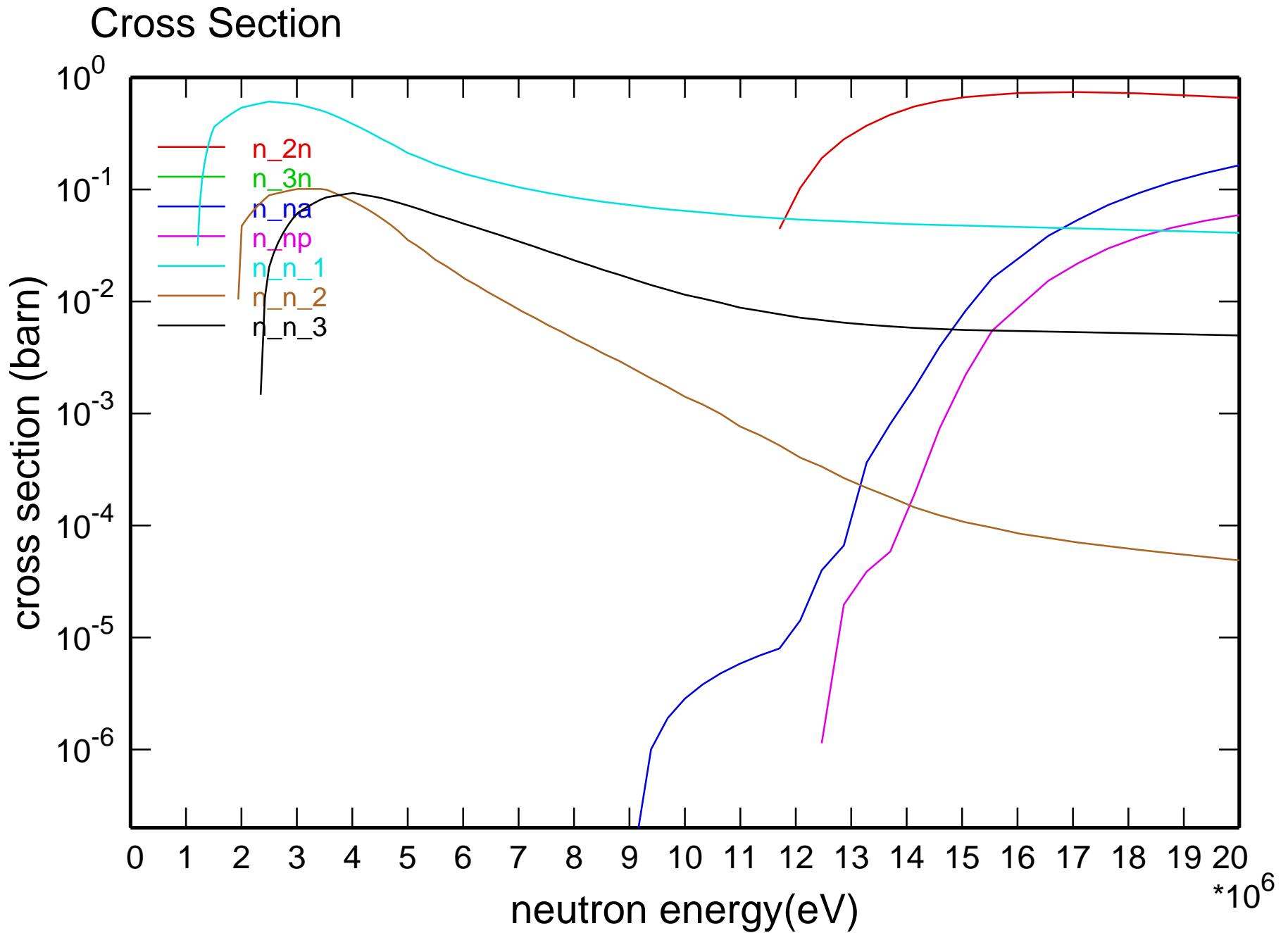
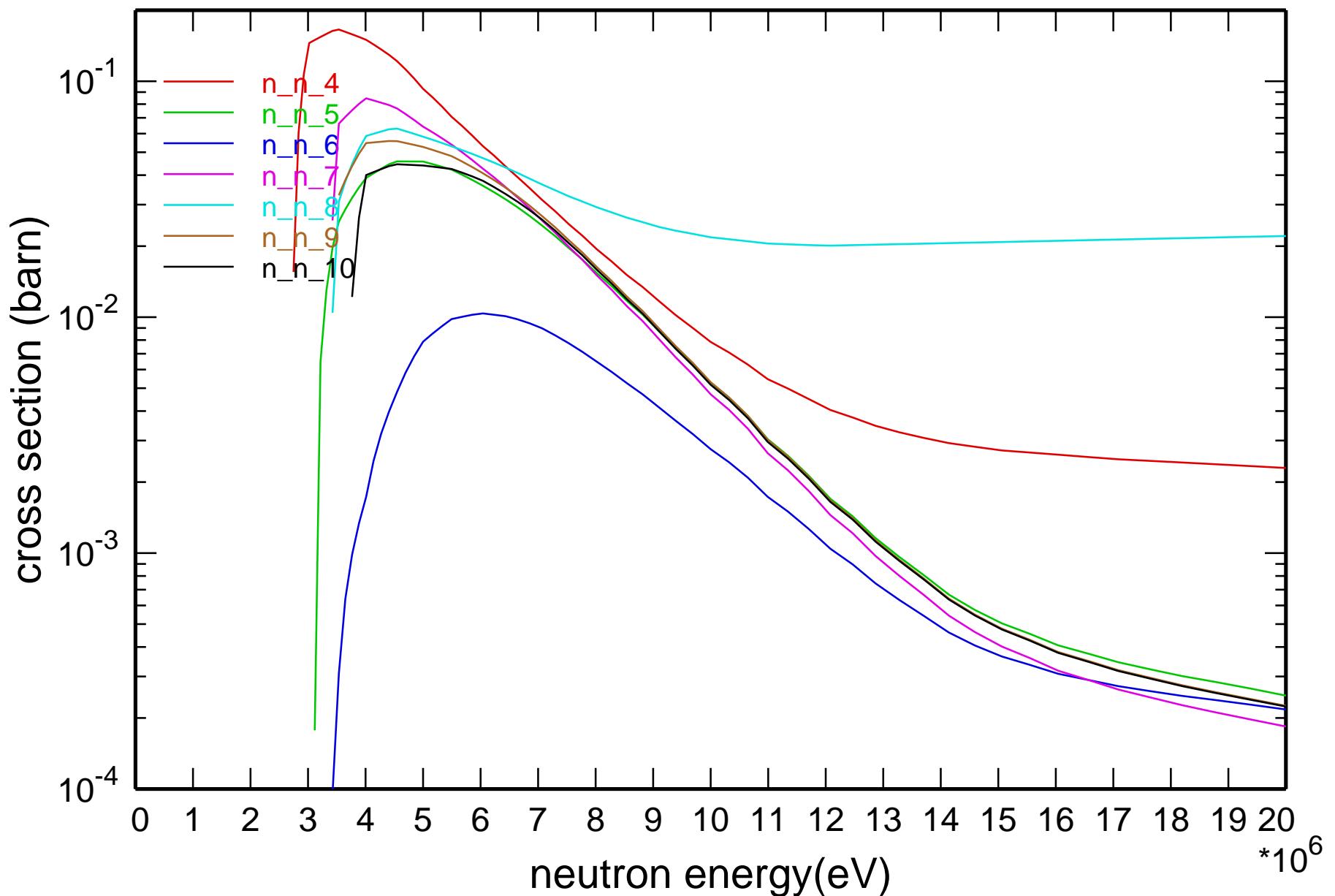


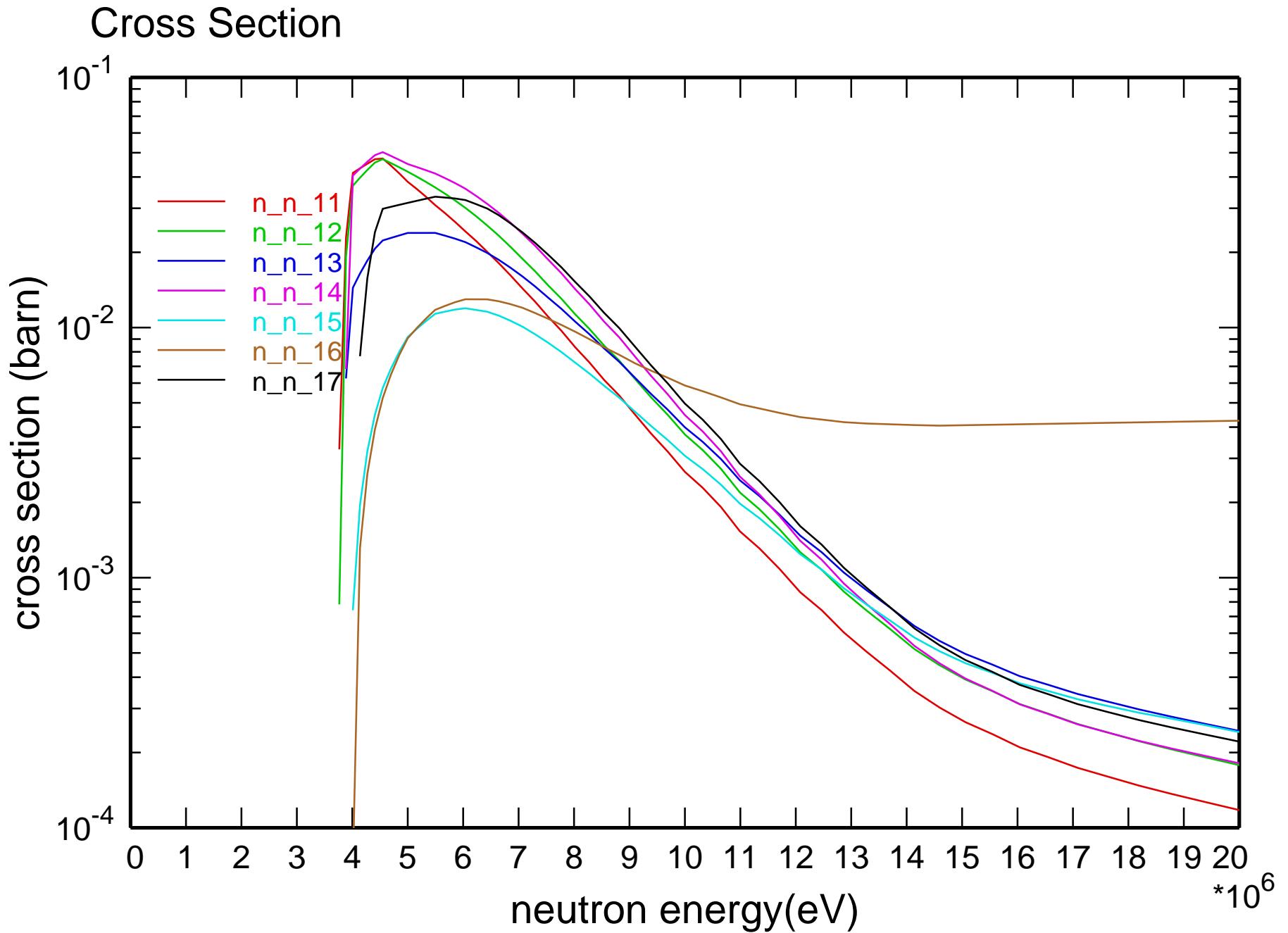
## Main Cross Sections



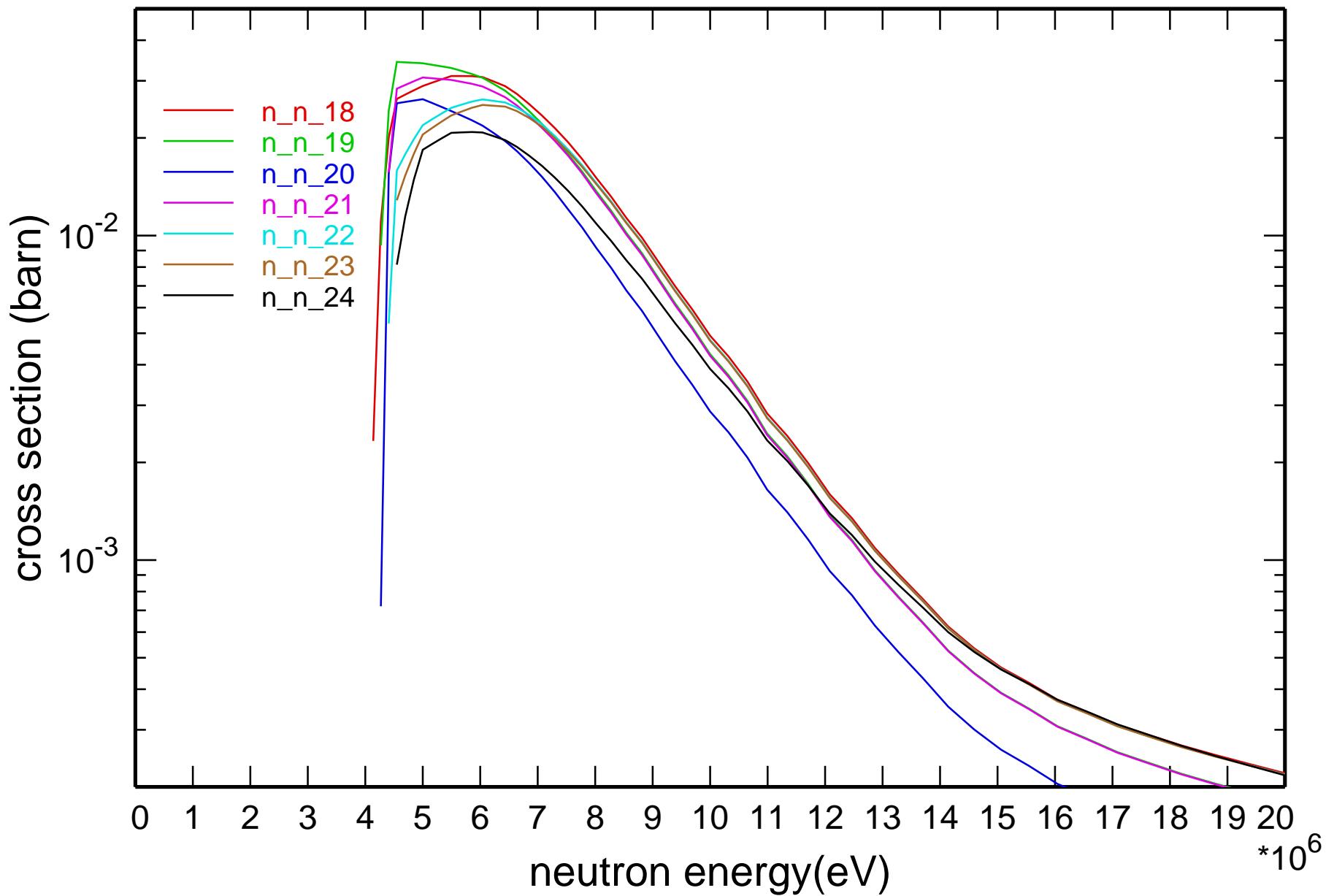


# Cross Section

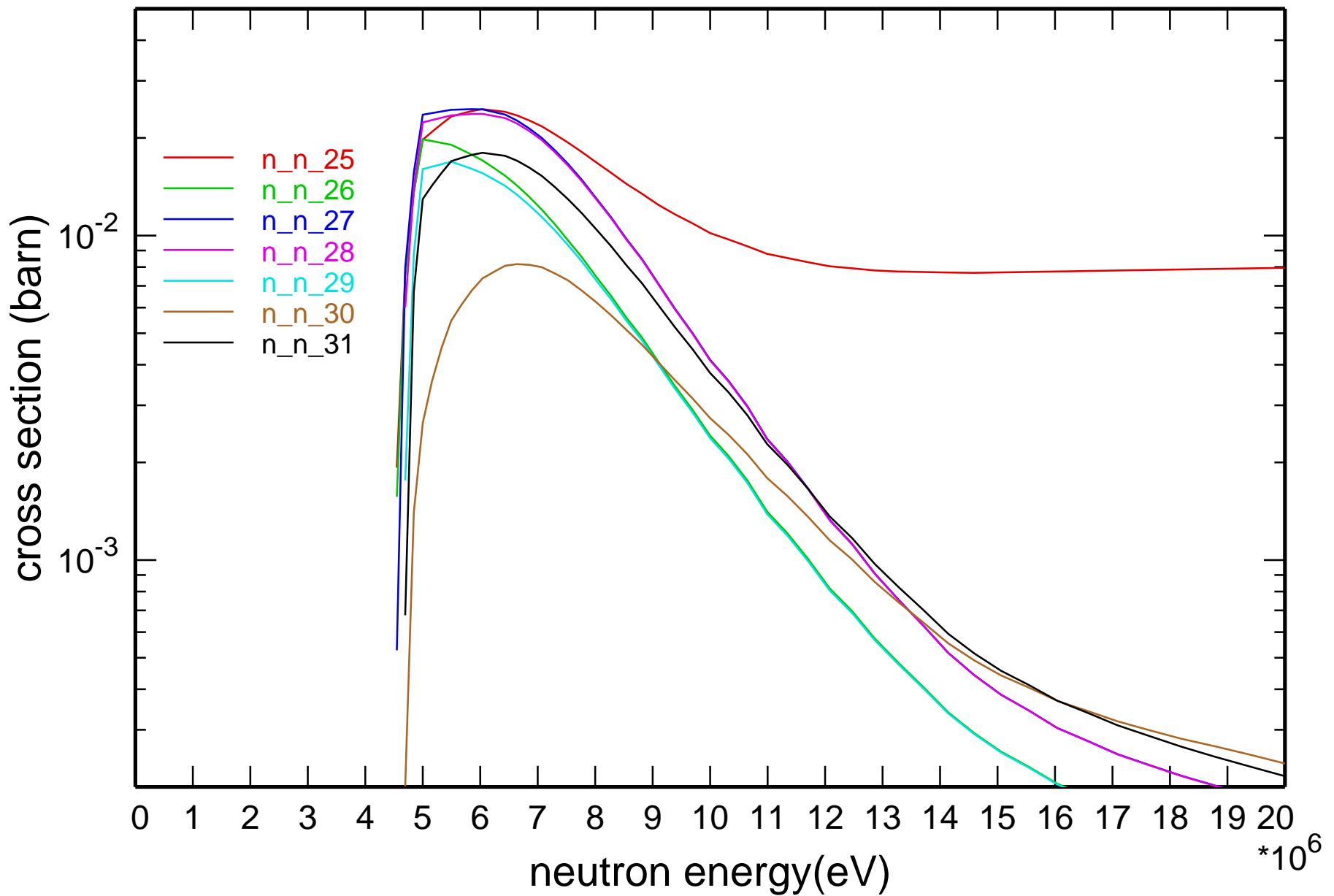




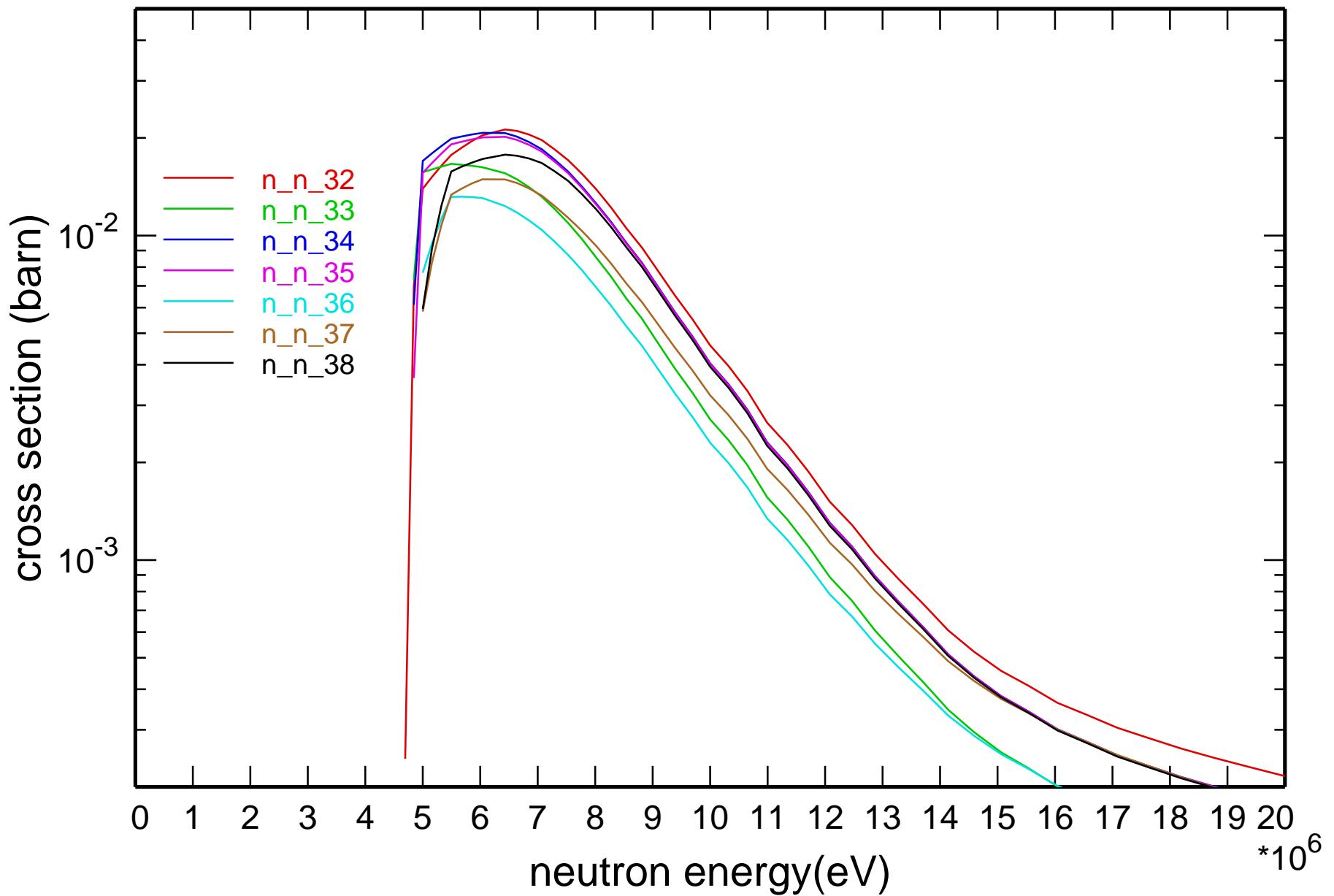
# Cross Section



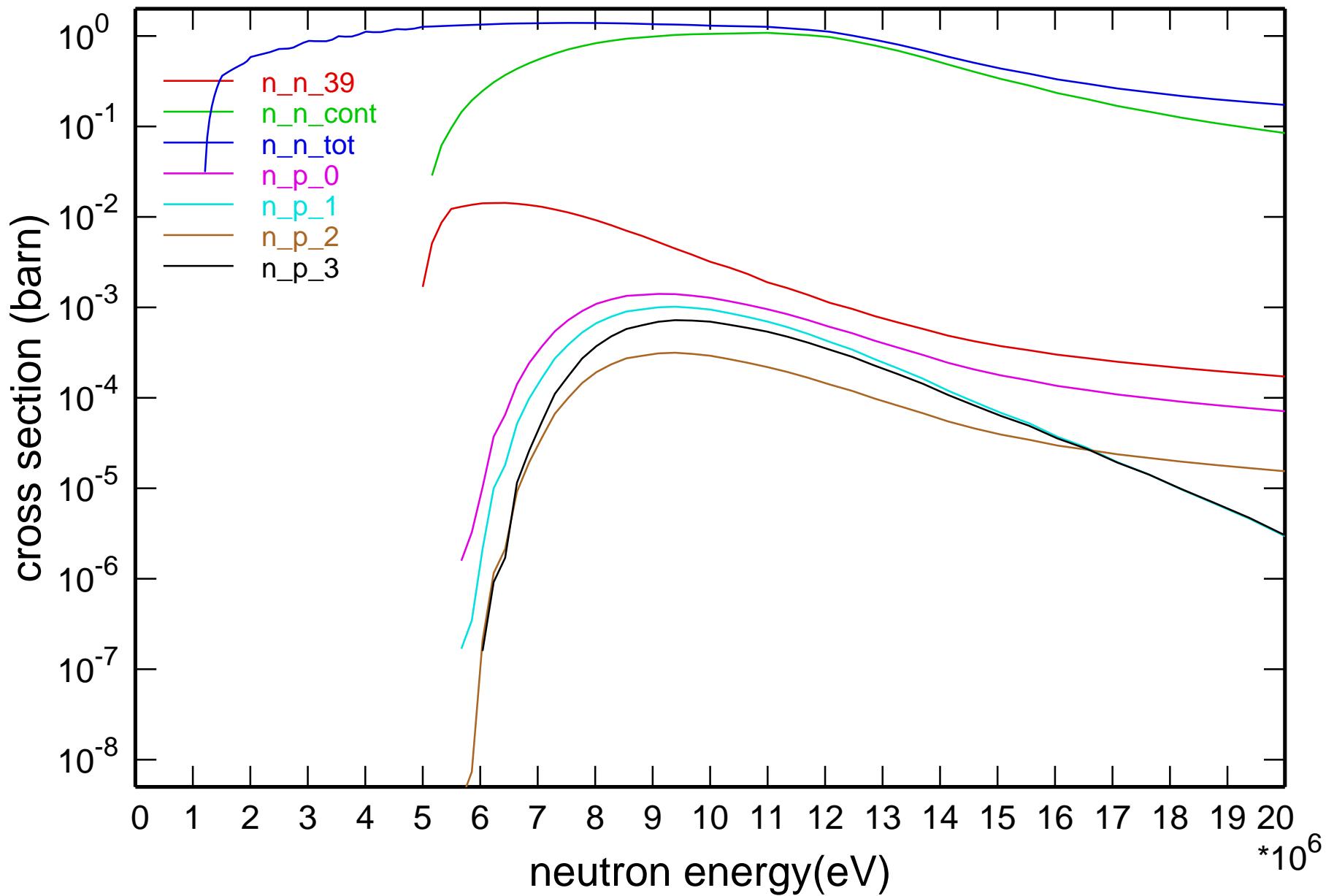
# Cross Section



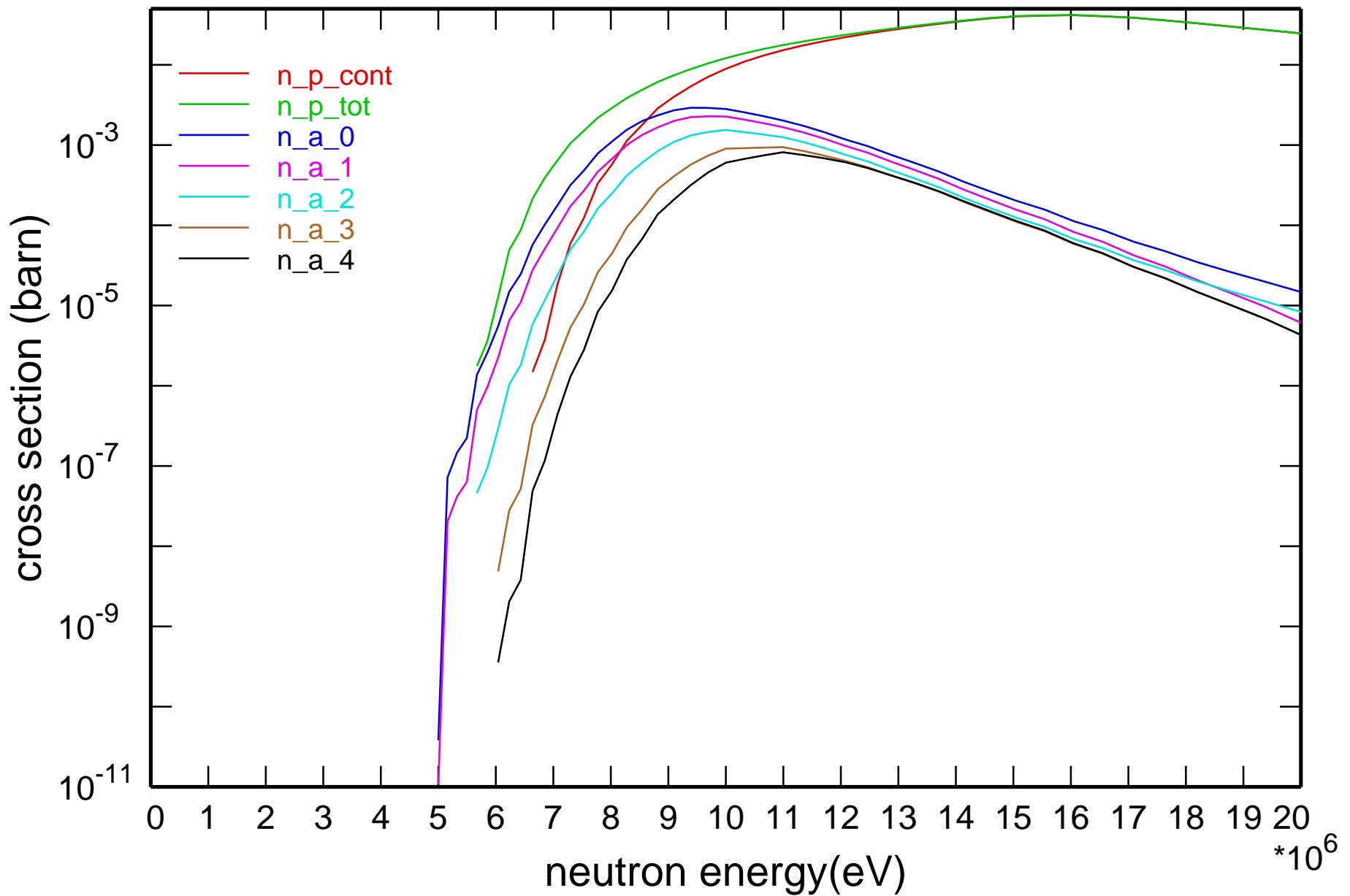
# Cross Section

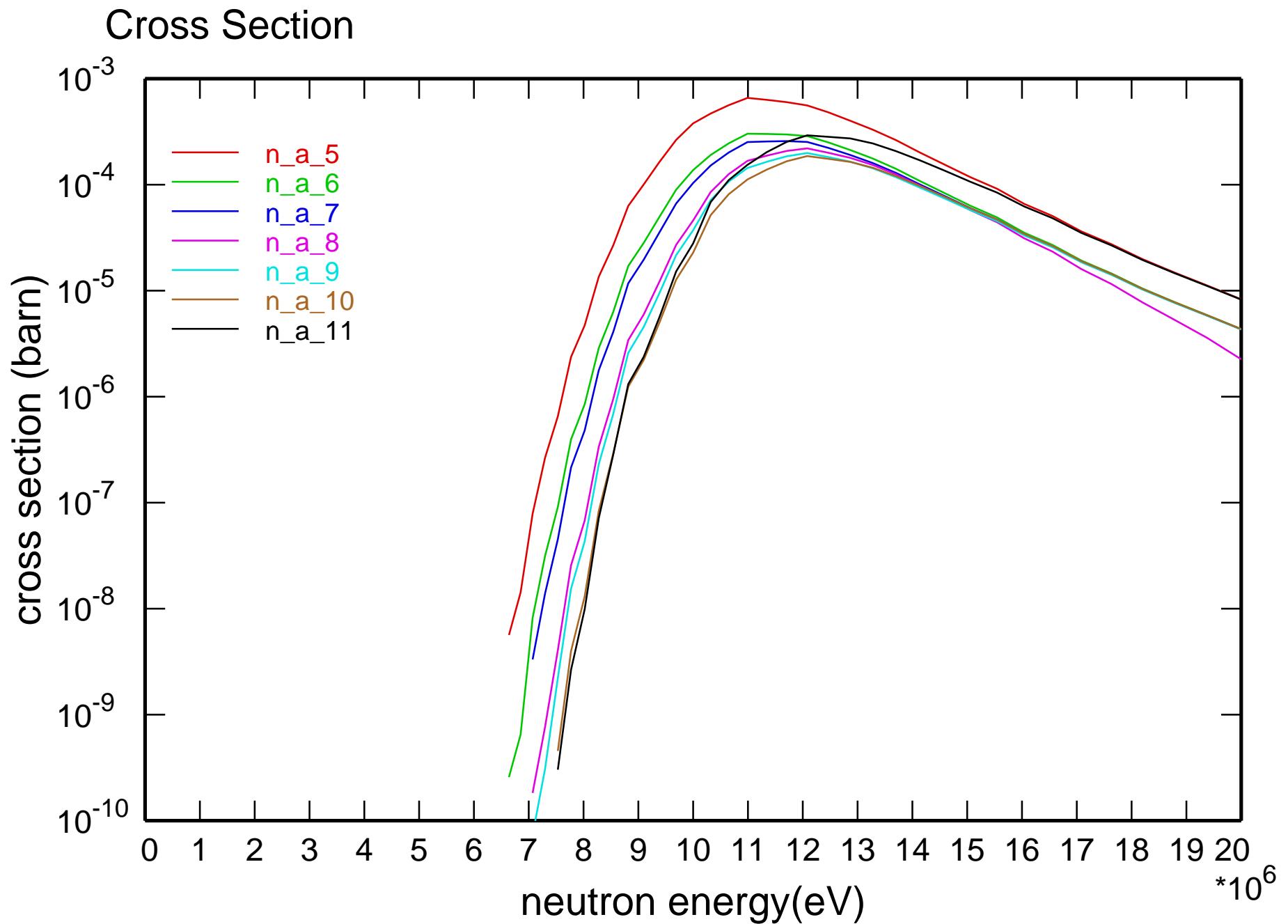


# Cross Section

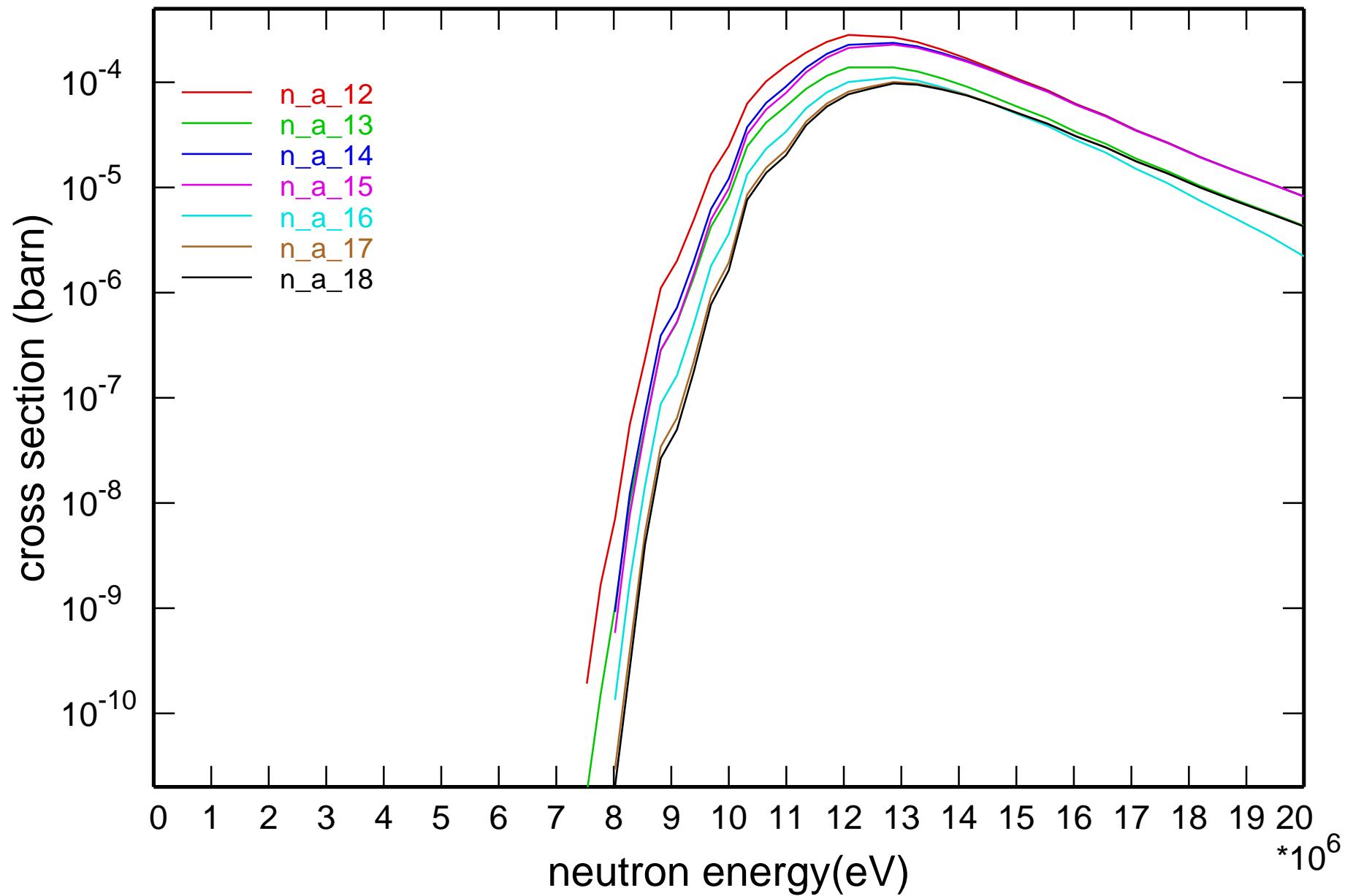


# Cross Section

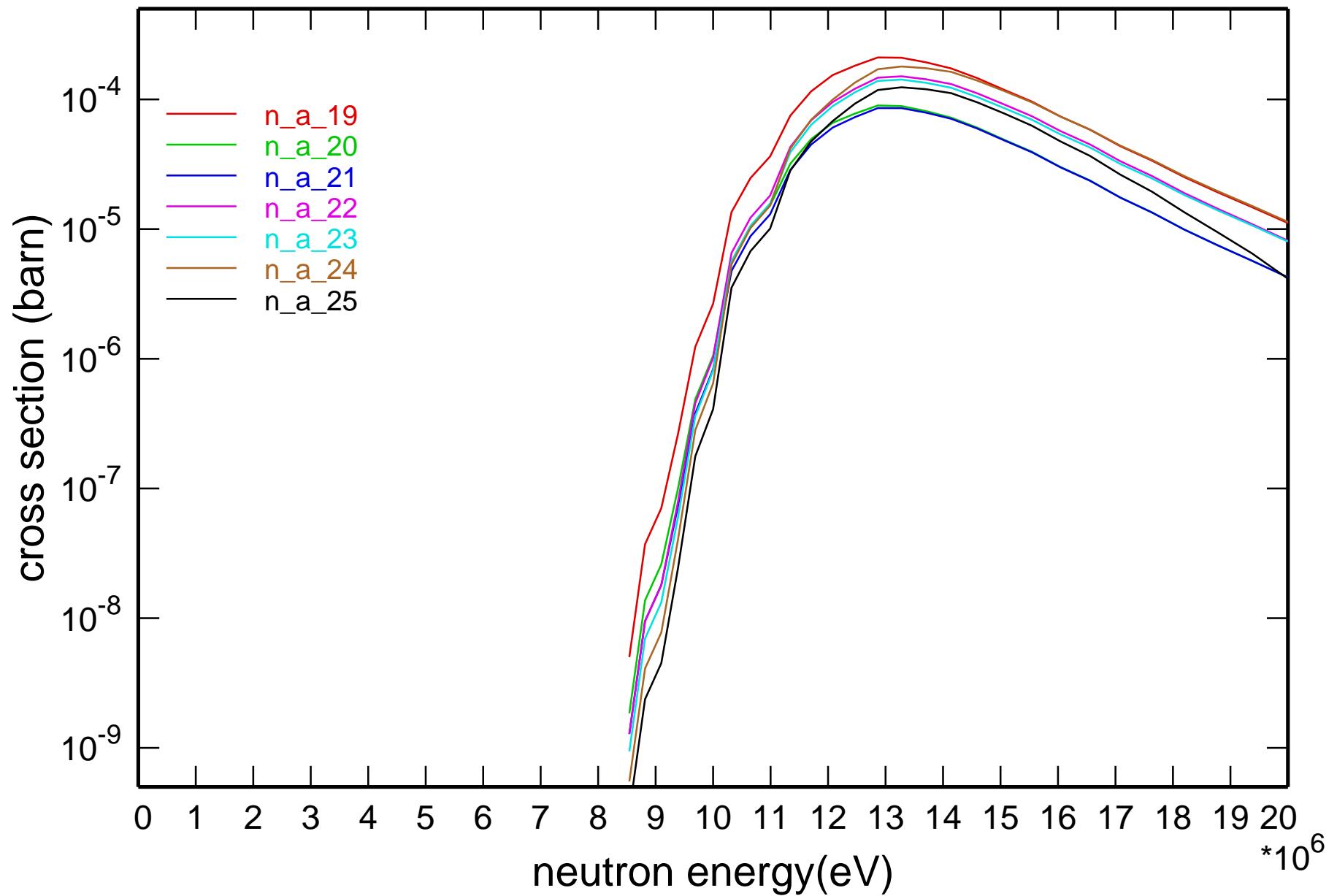




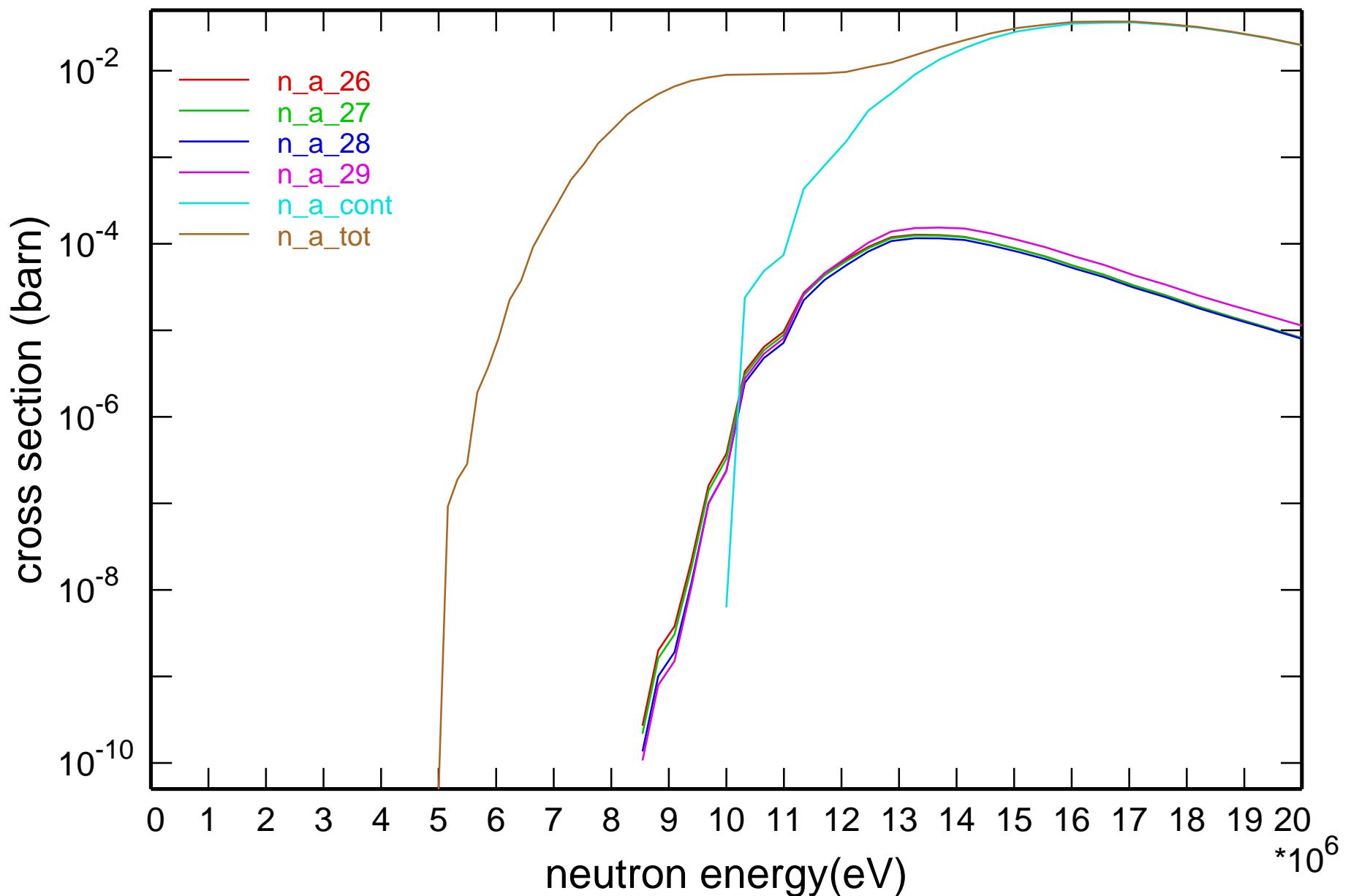
# Cross Section

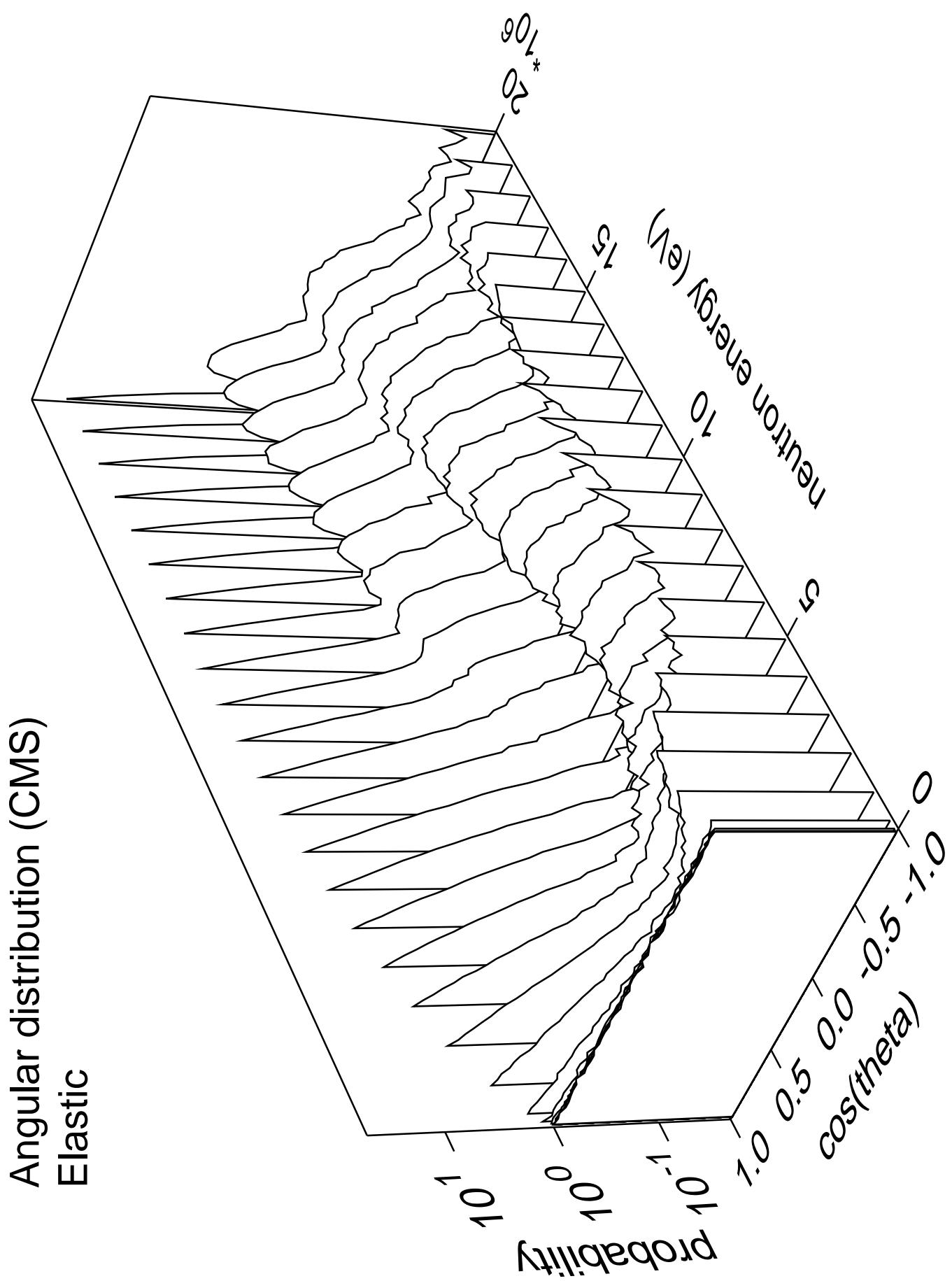


# Cross Section

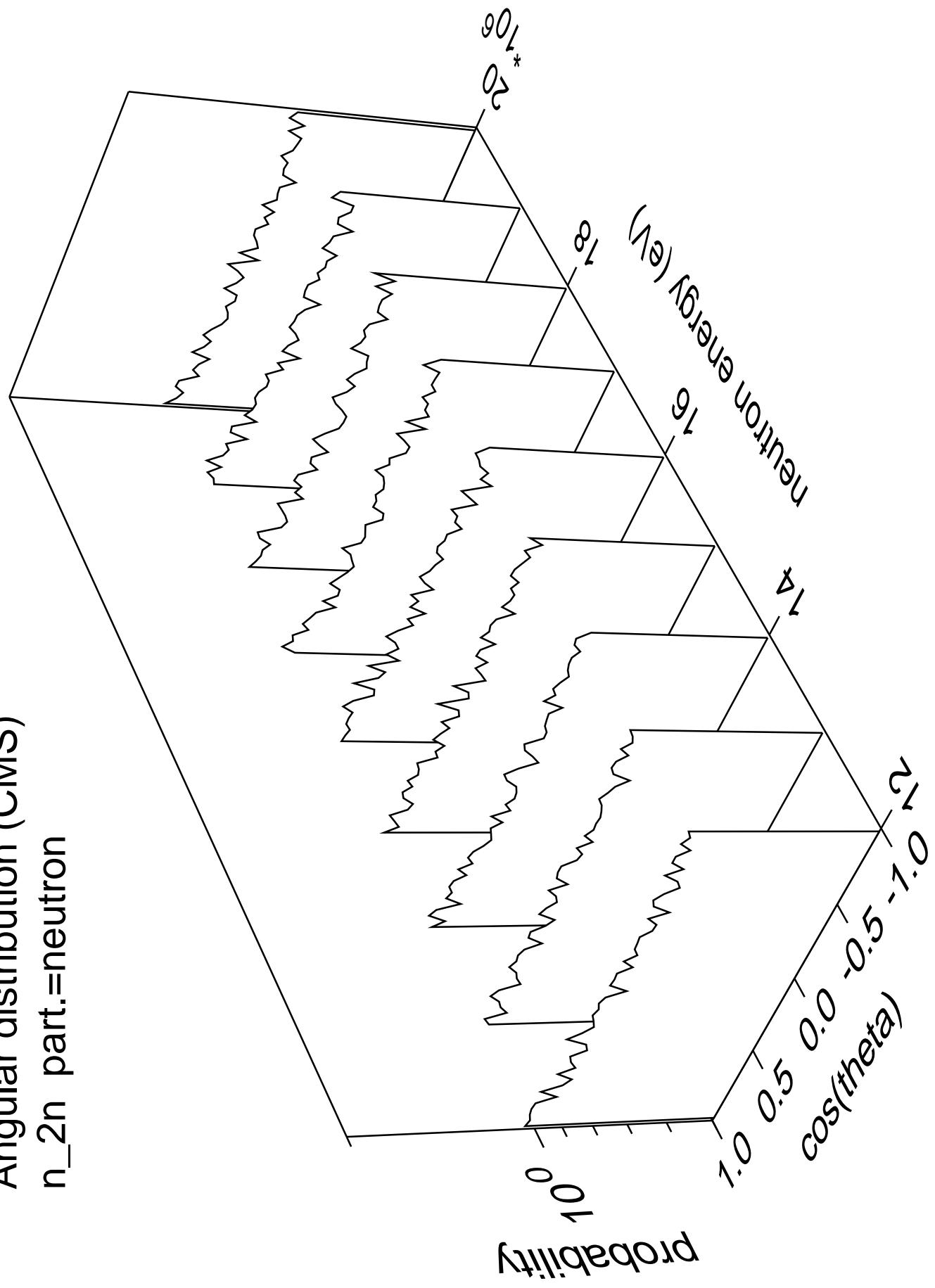


# Cross Section

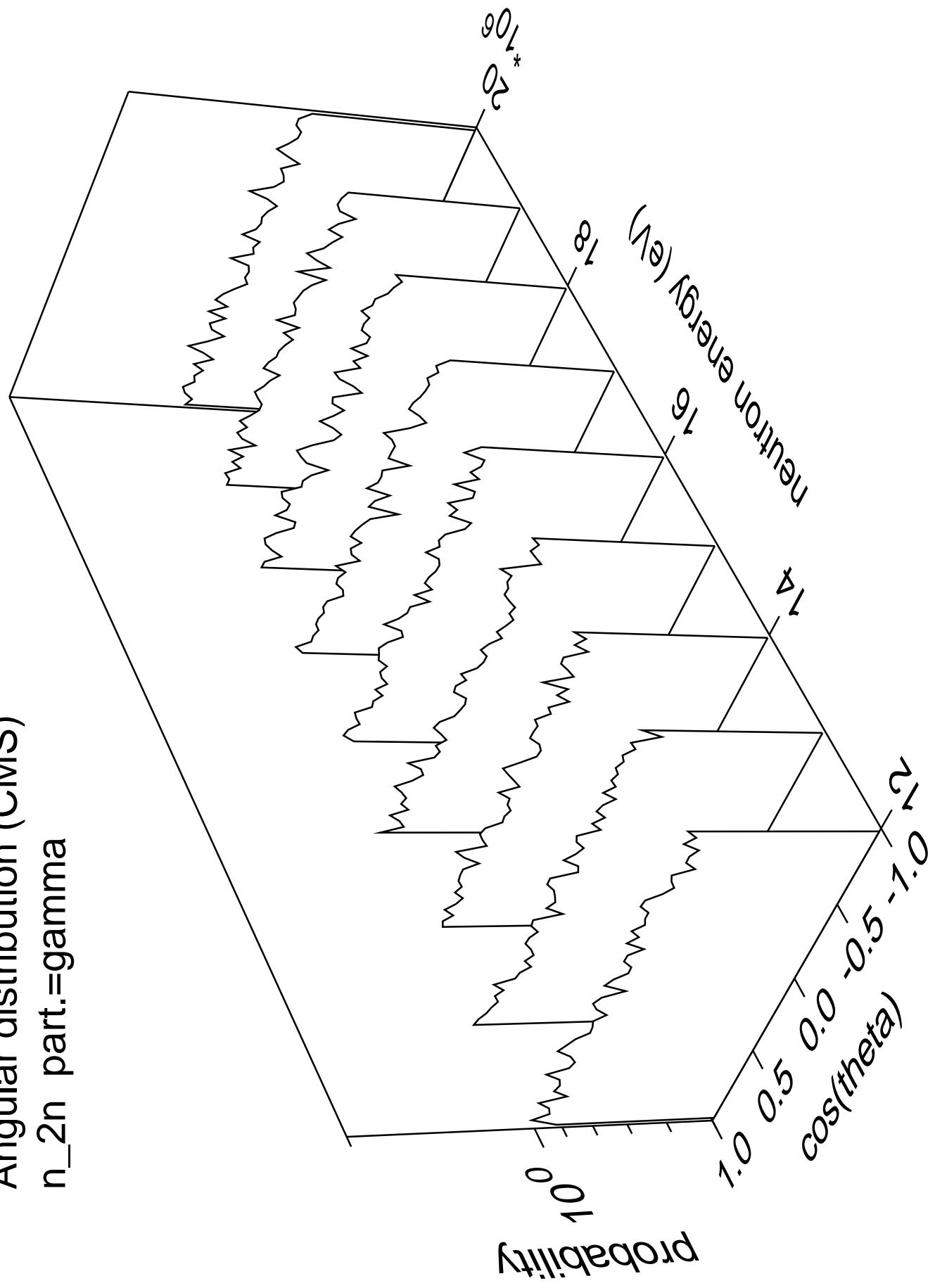




Angular distribution (CMS)  
 $n_{2n}$  part.=neutron



Angular distribution (CMS)  
 $n_{2n}$  part.=gamma



Angular distribution (CMS)  
 $n_{3n}$

Probability

$10^0$

$40^\circ$

$106^\circ$

$\cos(\theta)$

$1.0$

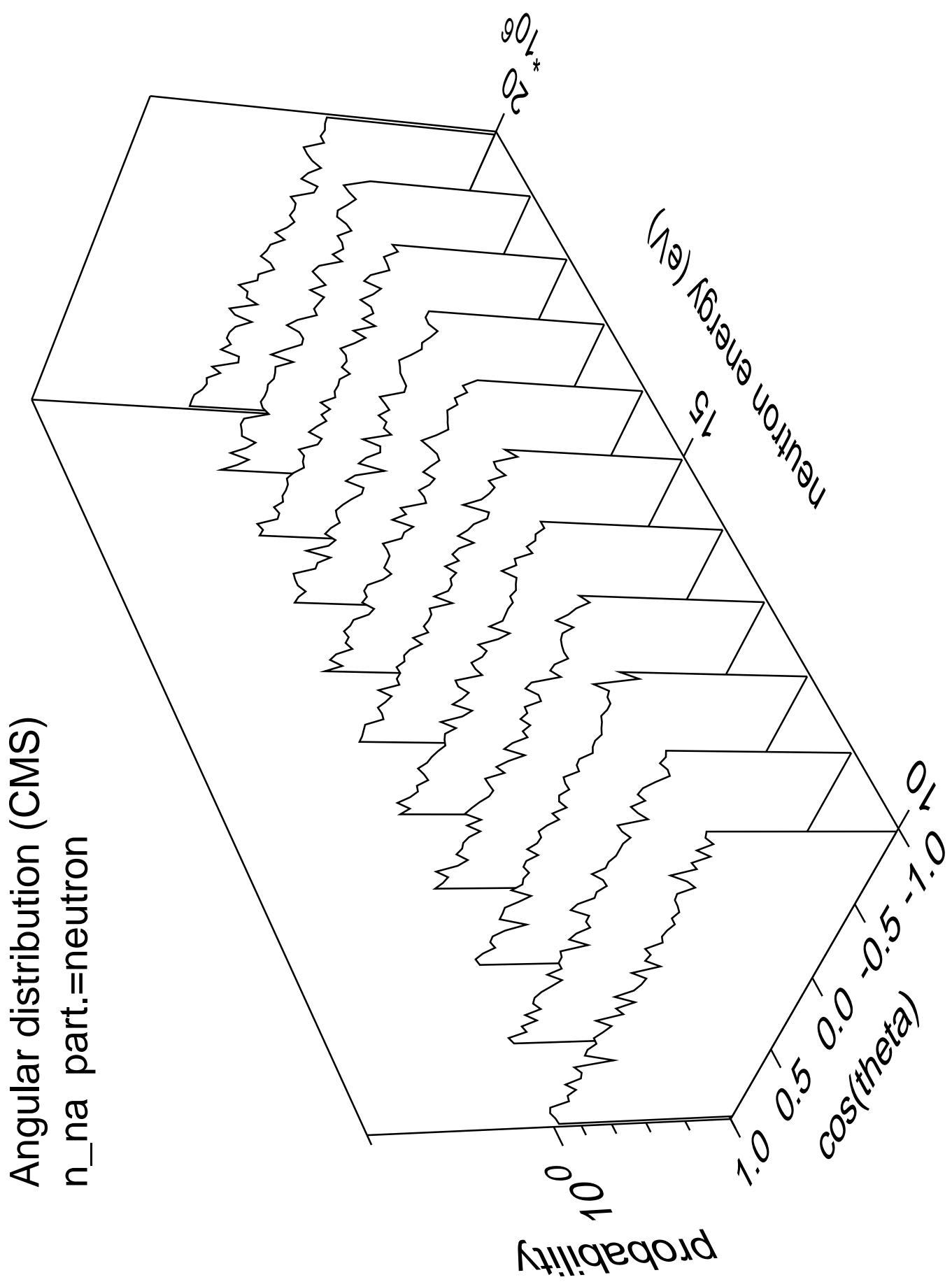
$0.5$

$0.0$

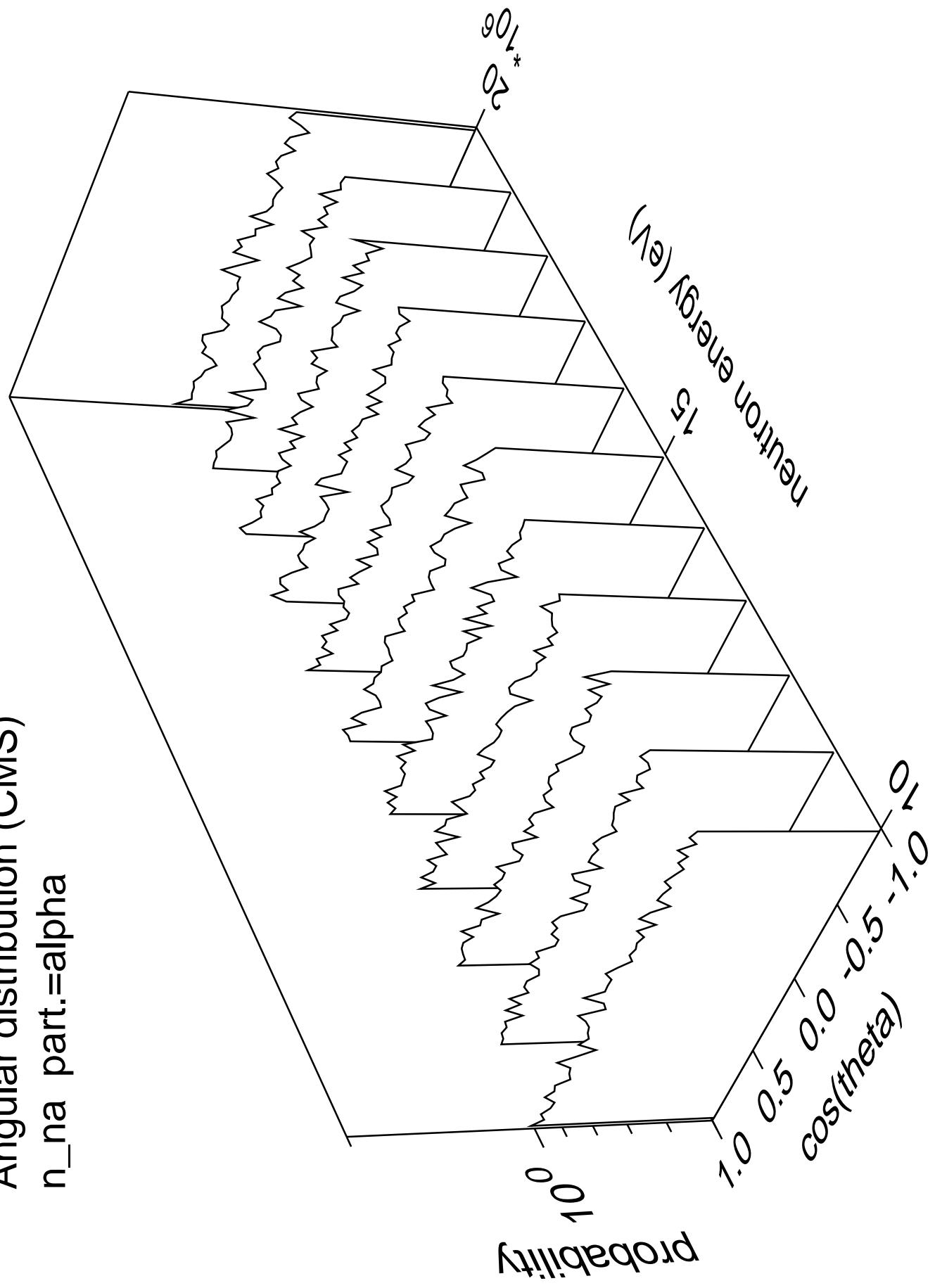
$-0.5$

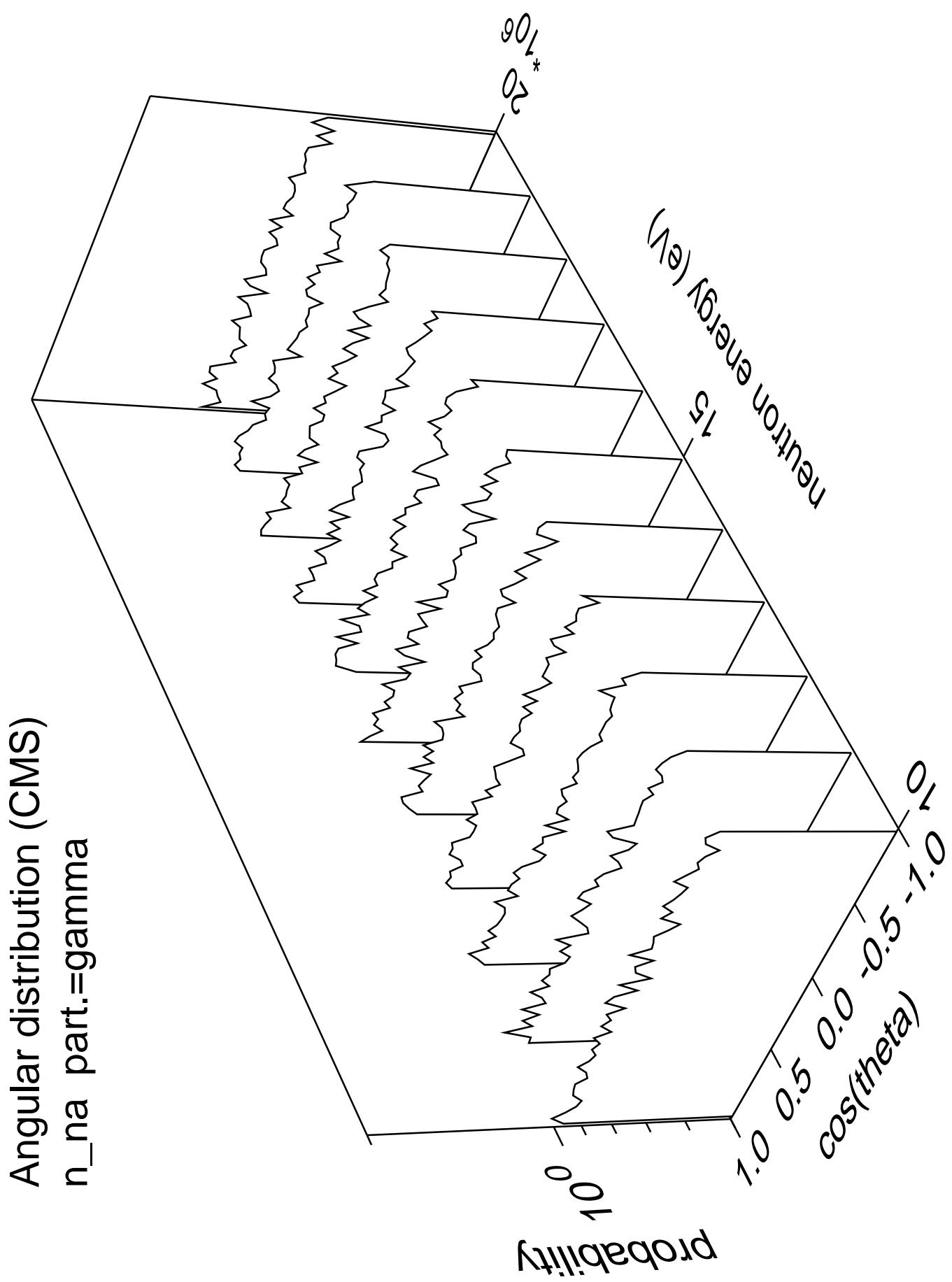
$-1.0$

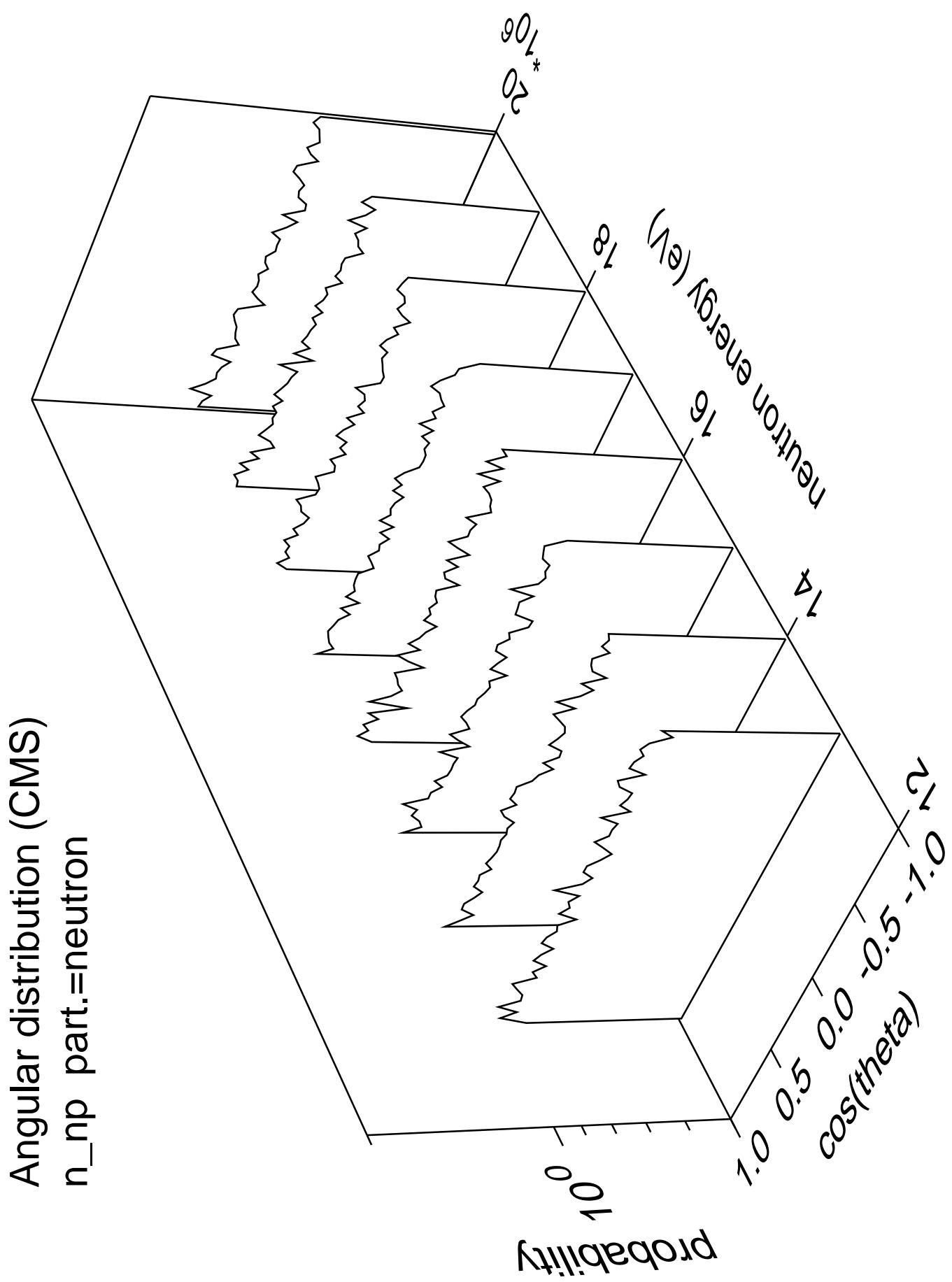
Neutron energy (eV)



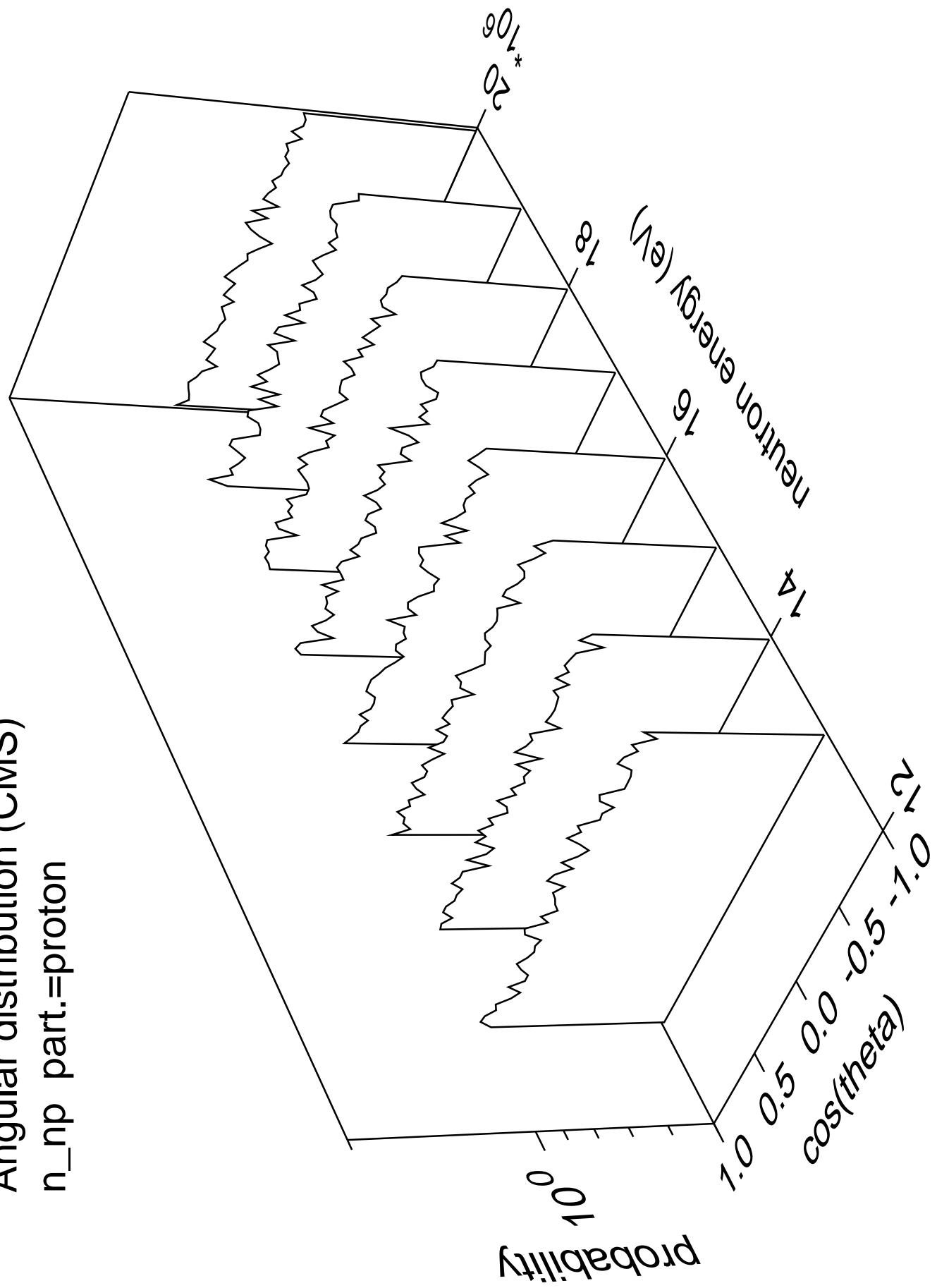
Angular distribution (CMS)  
 $n_{\text{na}}$  part.=alpha



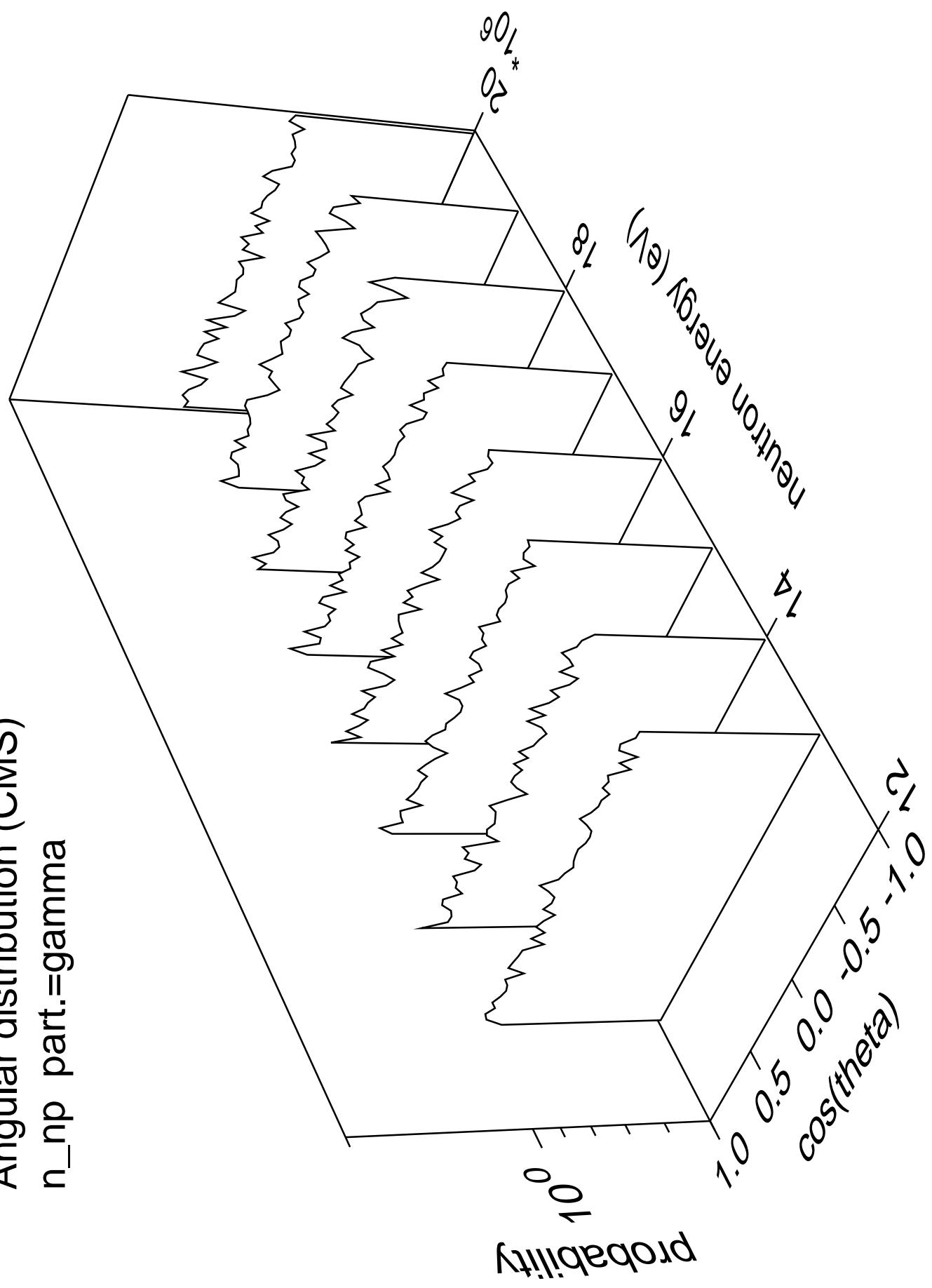


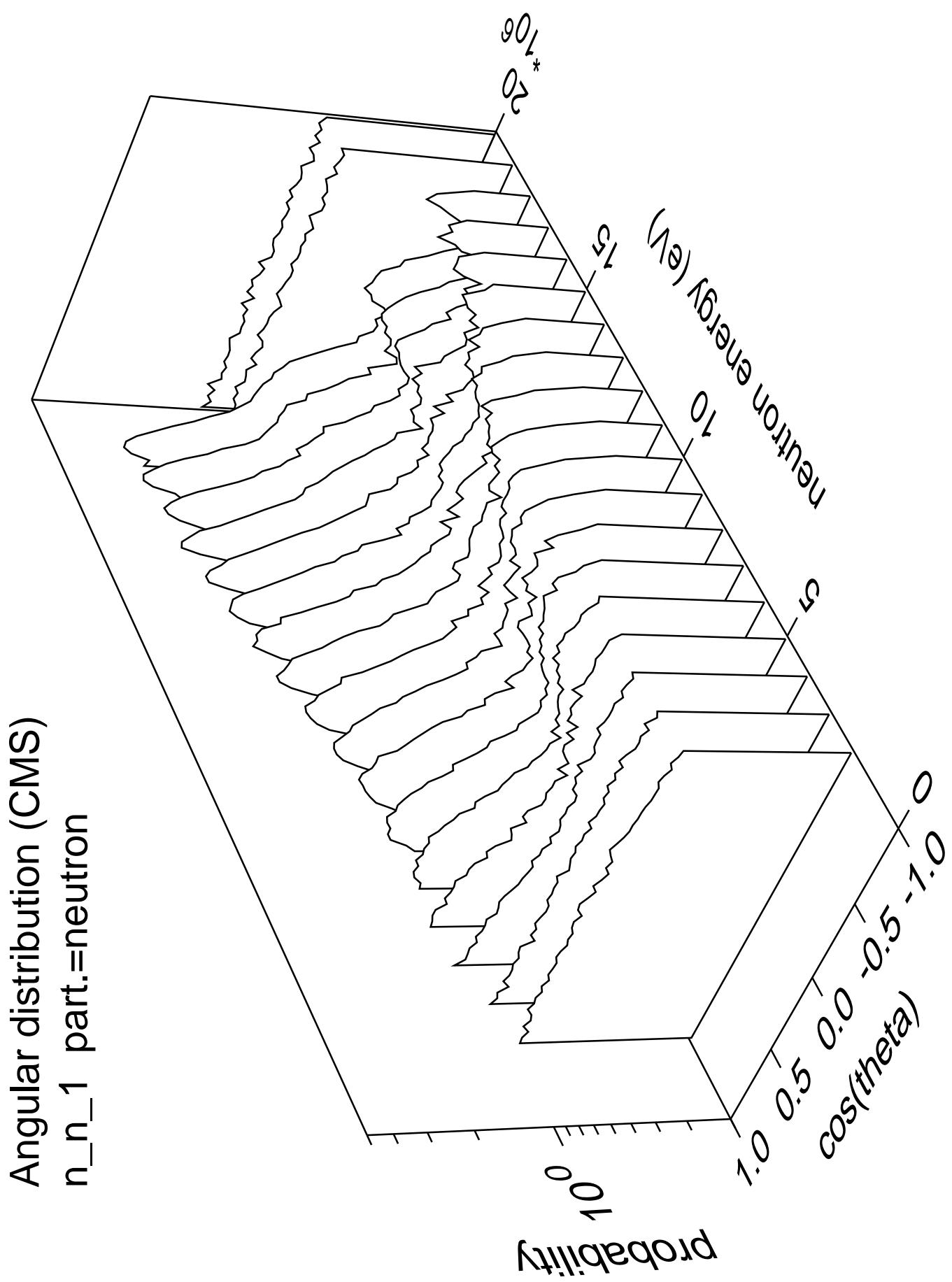


Angular distribution (CMS)  
 $n_{np}$  part.=proton

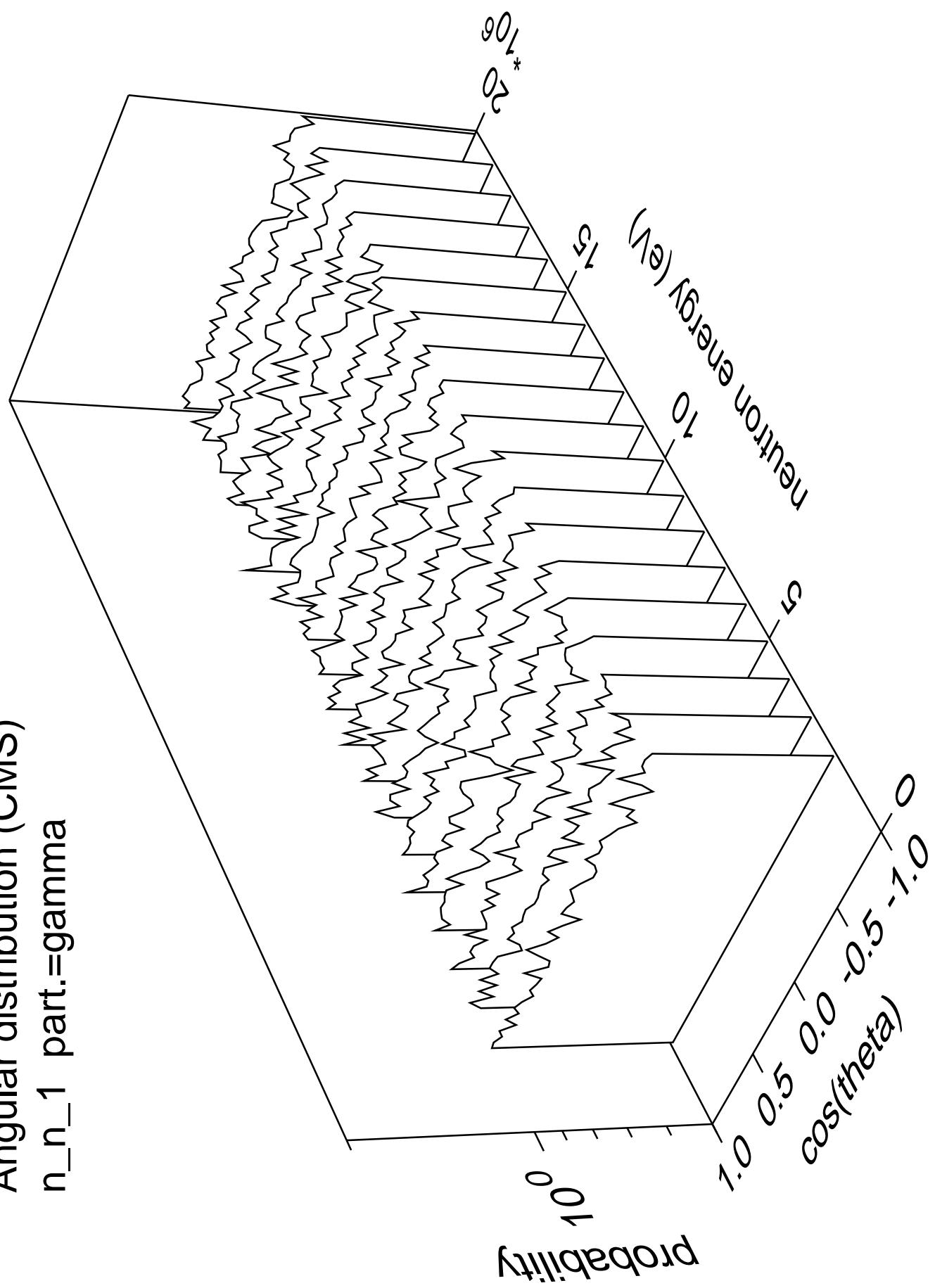


Angular distribution (CMS)  
 $n_{np}$  part.=gamma

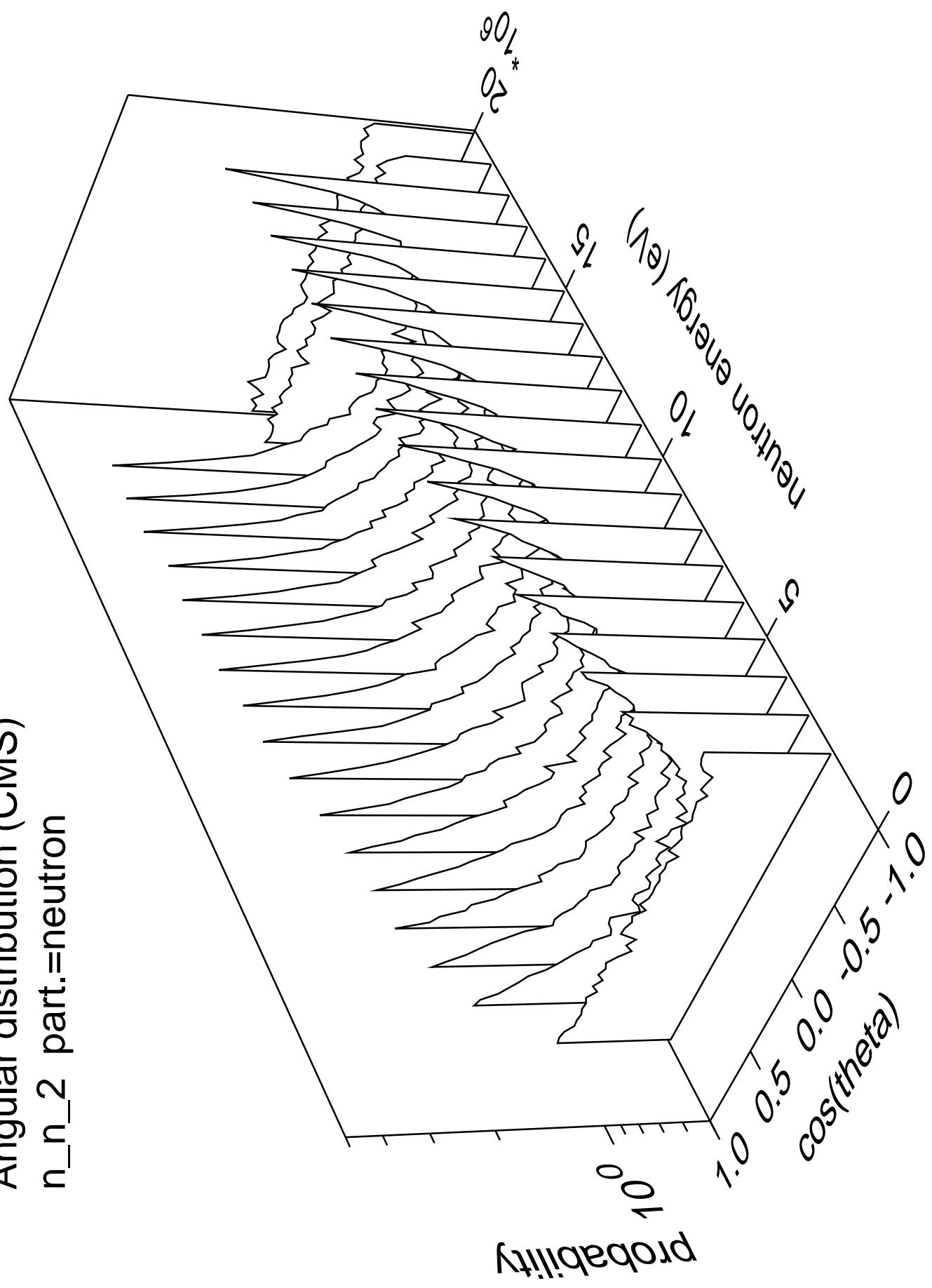




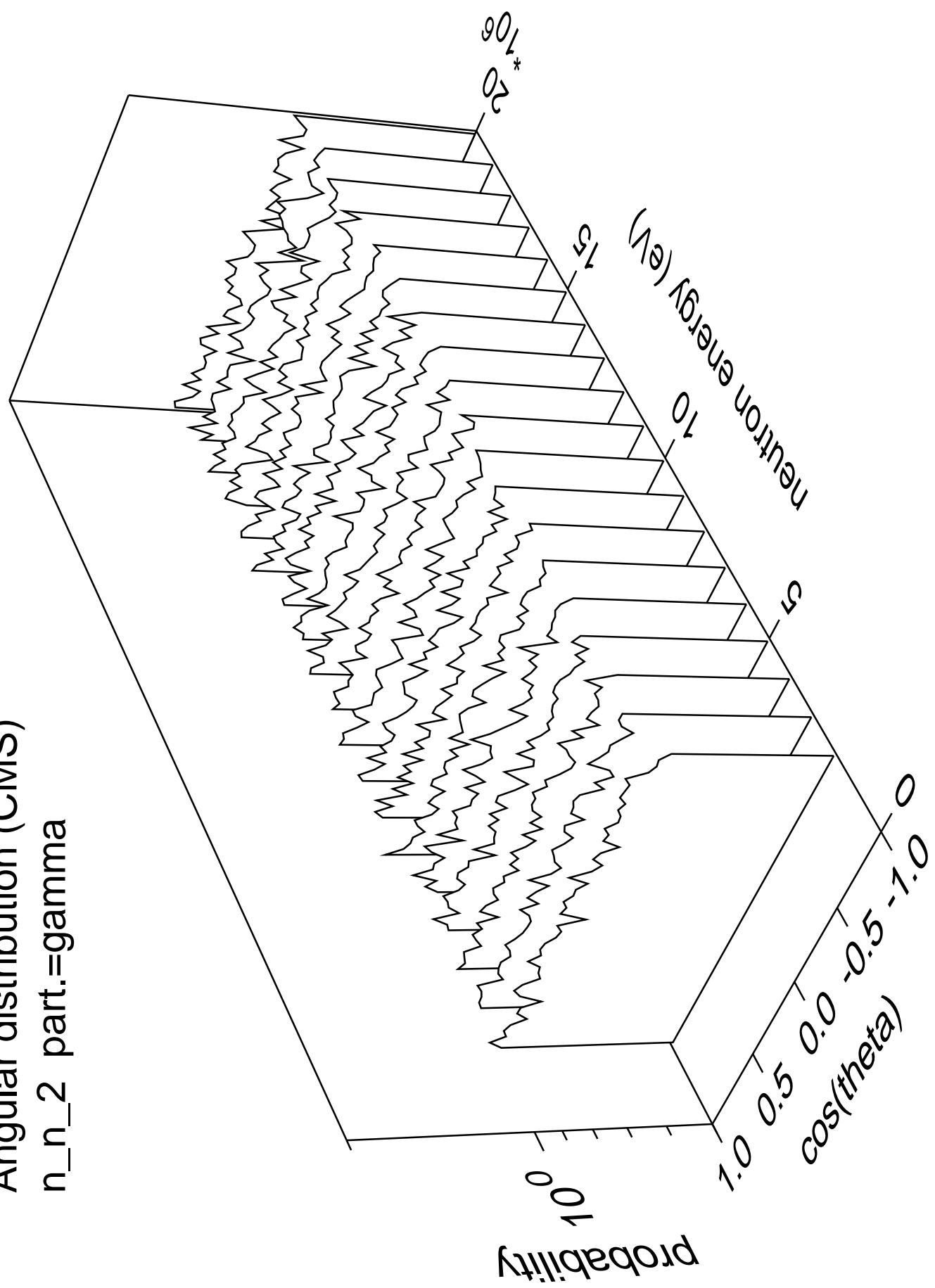
Angular distribution (CMS)  
 $n_n_1$  part.=gamma



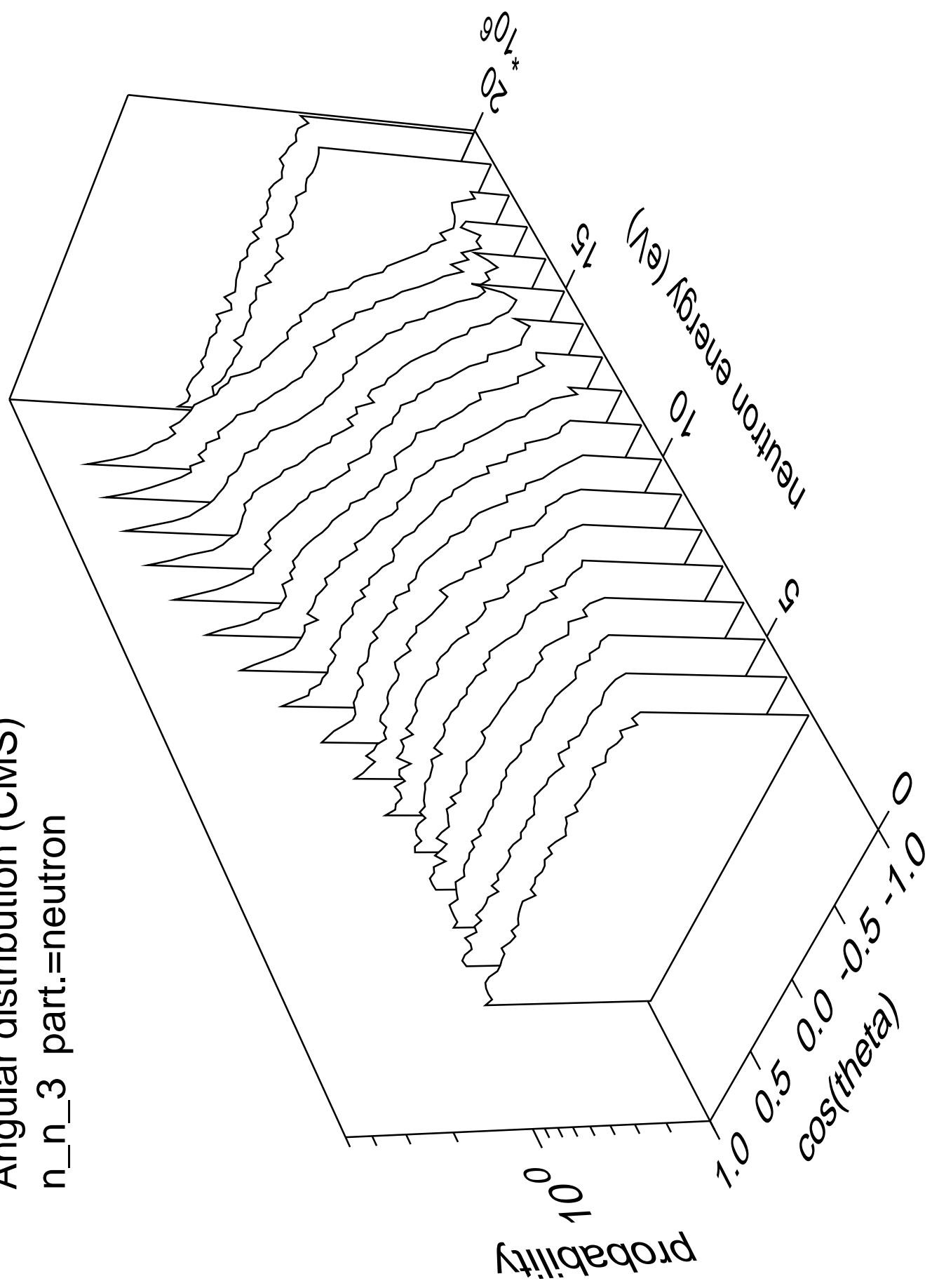
Angular distribution (CMS)  
 $n_n_2$  part.=neutron



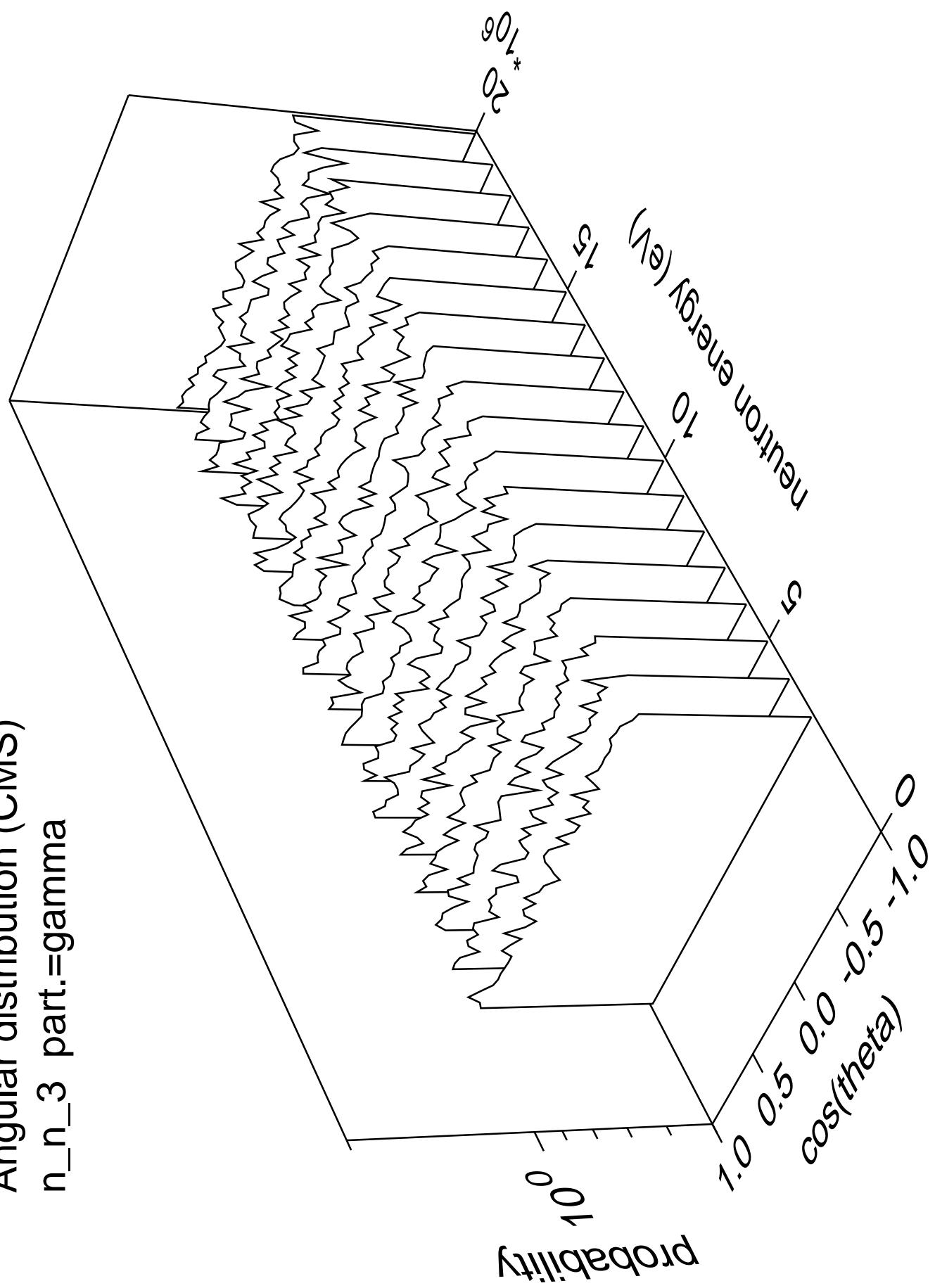
Angular distribution (CMS)  
 $n_n_2$  part.=gamma



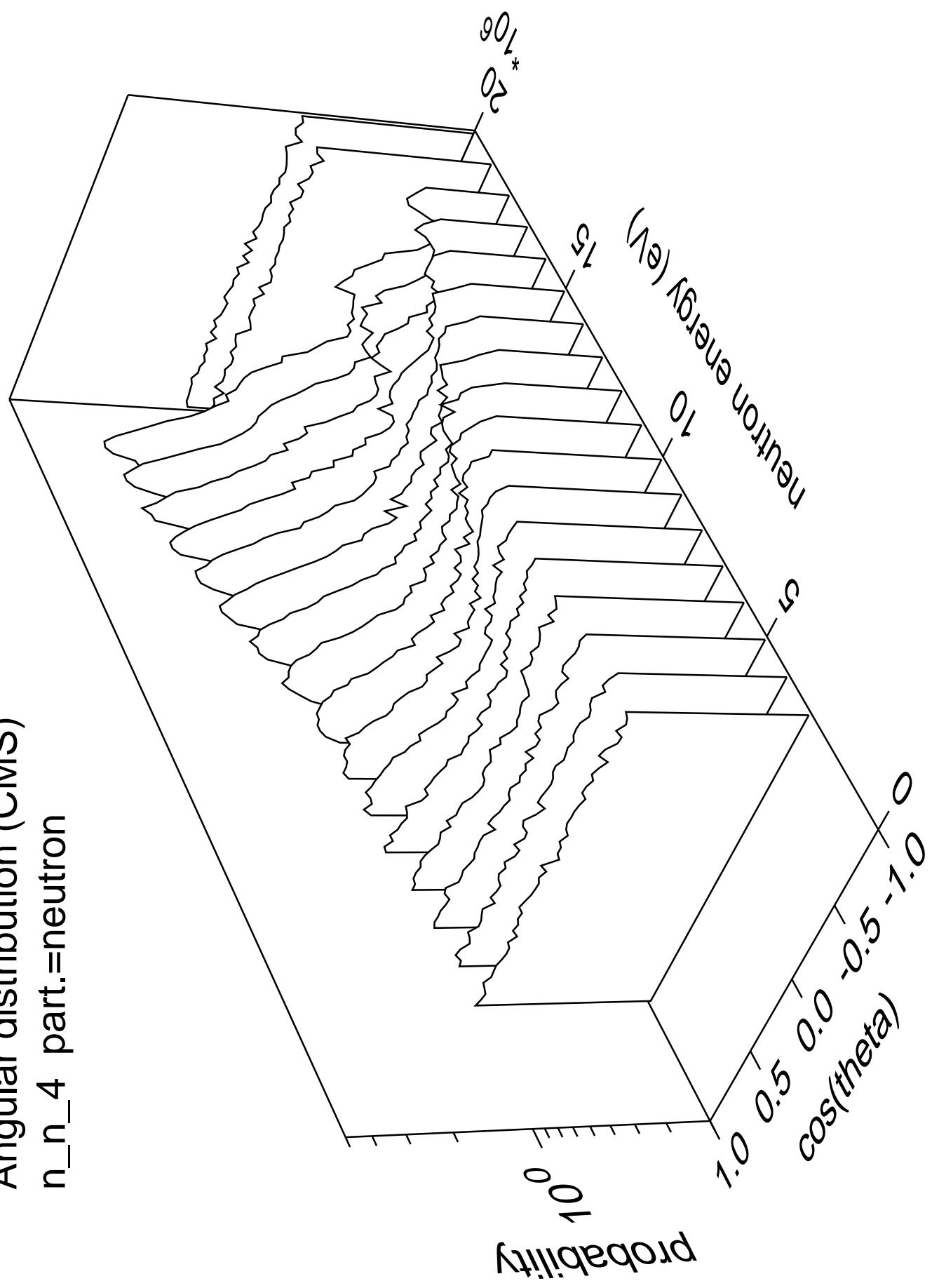
Angular distribution (CMS)  
 $n_n_3$  part.=neutron



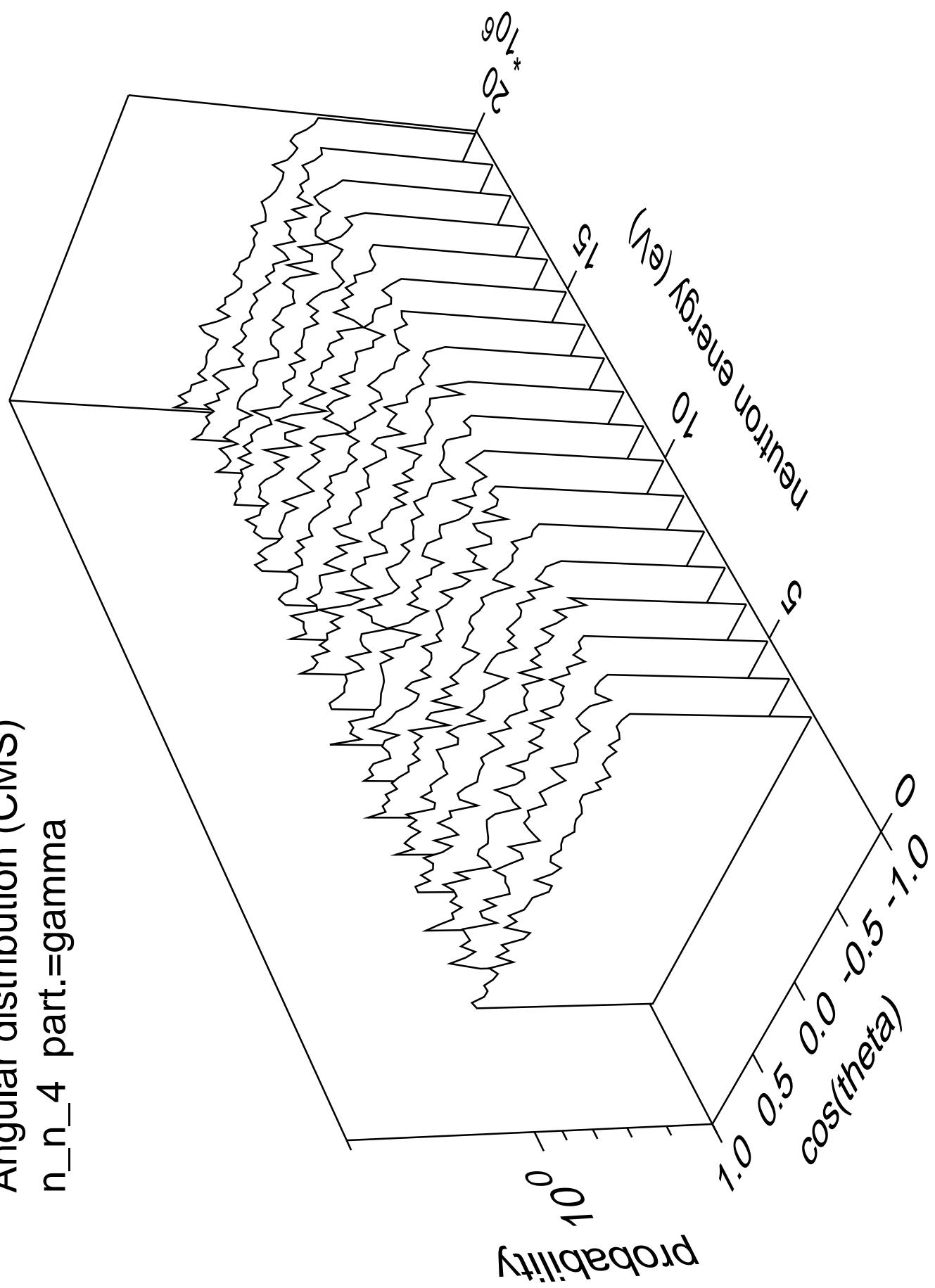
Angular distribution (CMS)  
 $n_n_3$  part.=gamma



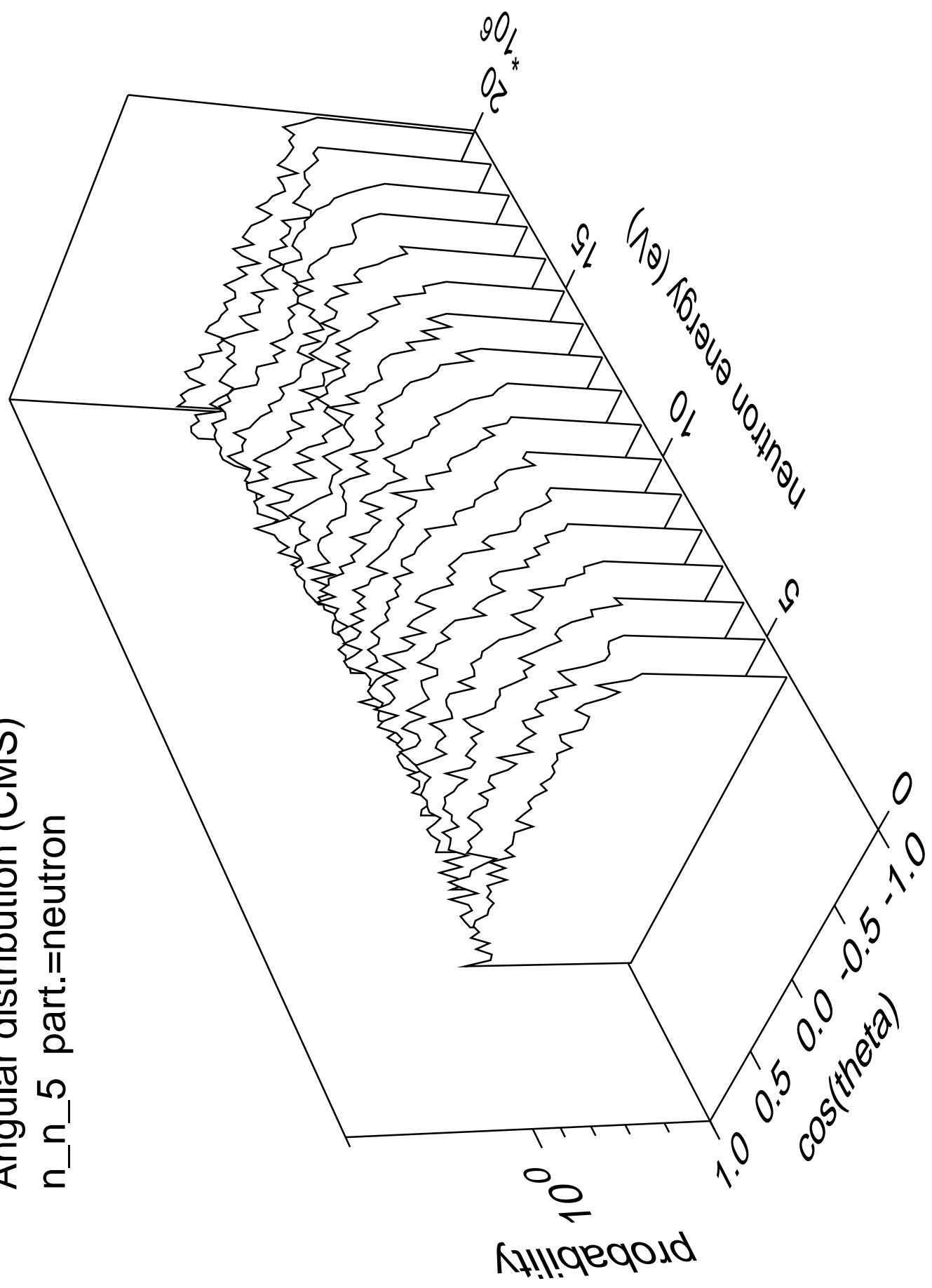
Angular distribution (CMS)  
 $n_n_4$  part.=neutron



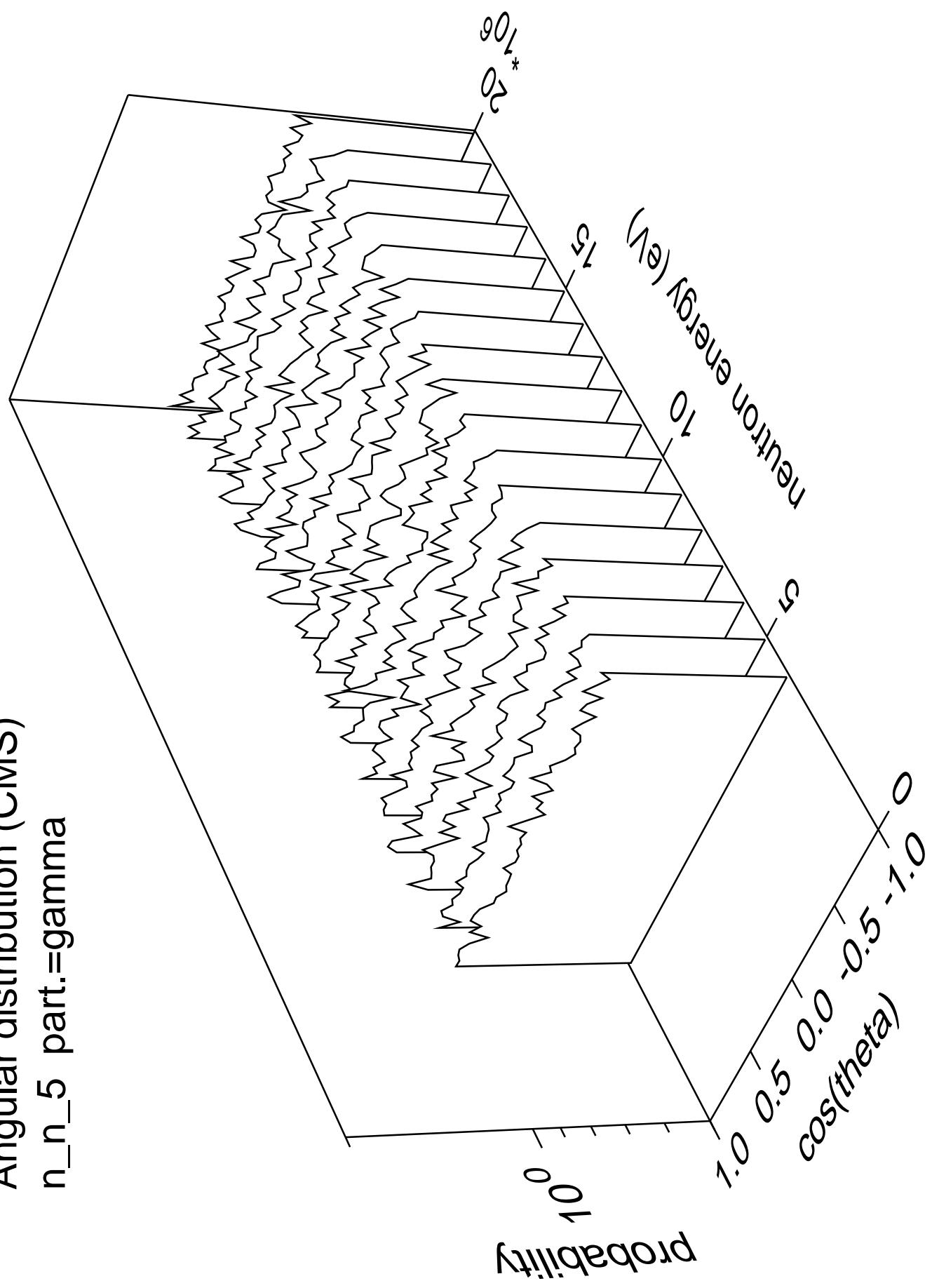
Angular distribution (CMS)  
 $n_n_4$  part.=gamma



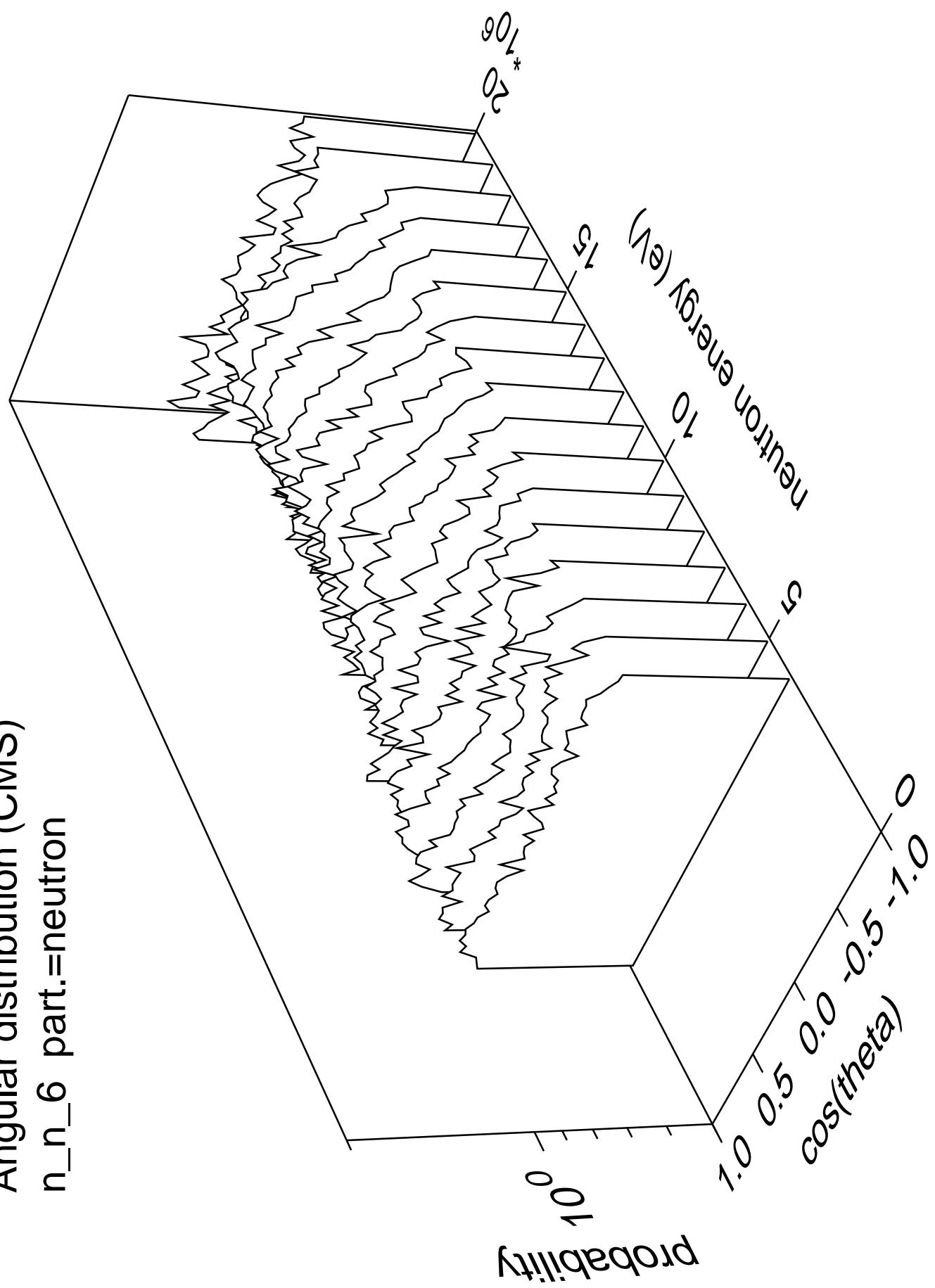
Angular distribution (CMS)  
 $n_n_5$  part.=neutron



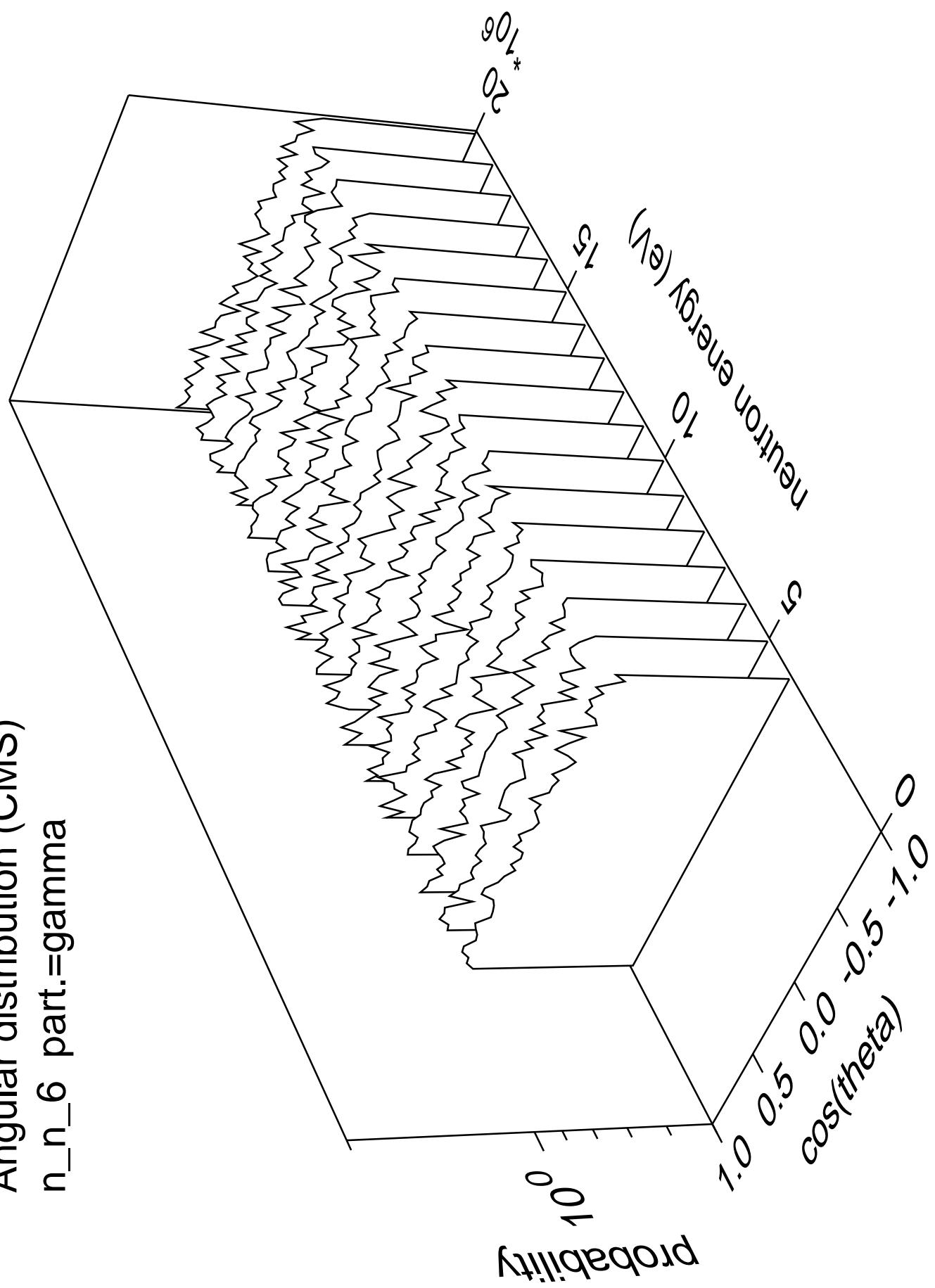
Angular distribution (CMS)  
 $n_n_5$  part.=gamma



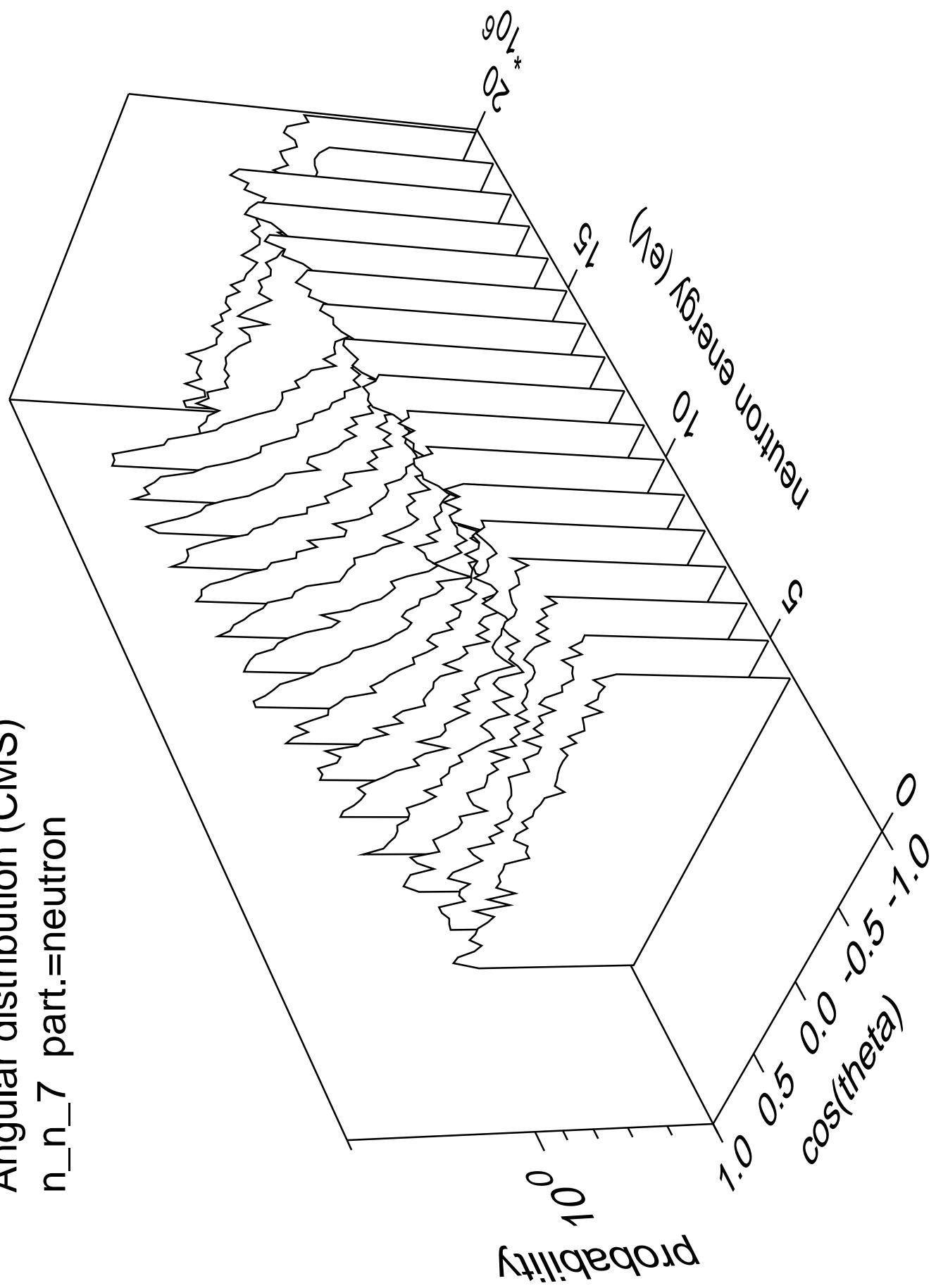
Angular distribution (CMS)  
 $n_n_6$  part.=neutron



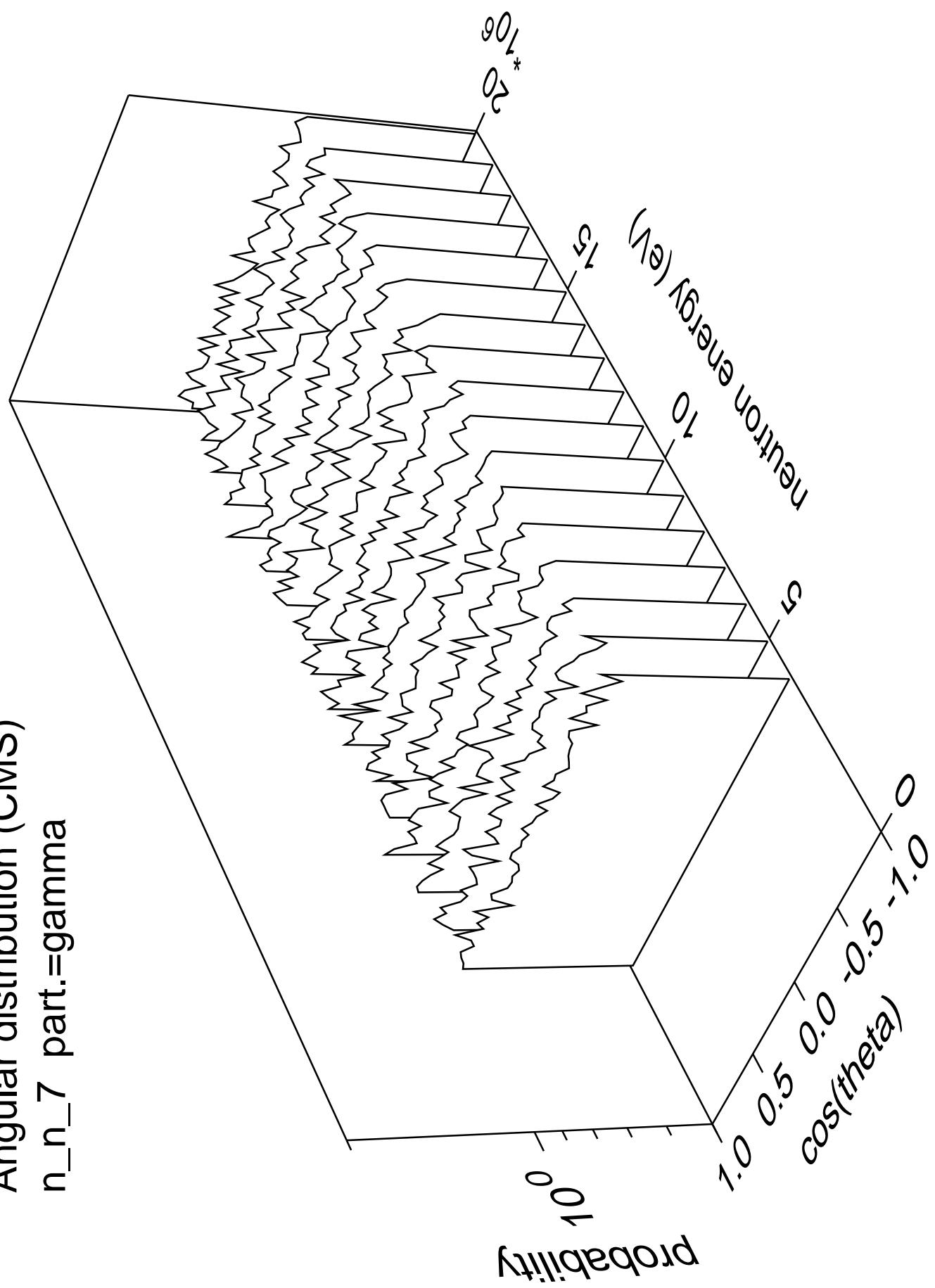
Angular distribution (CMS)  
 $n_n_6$  part.=gamma



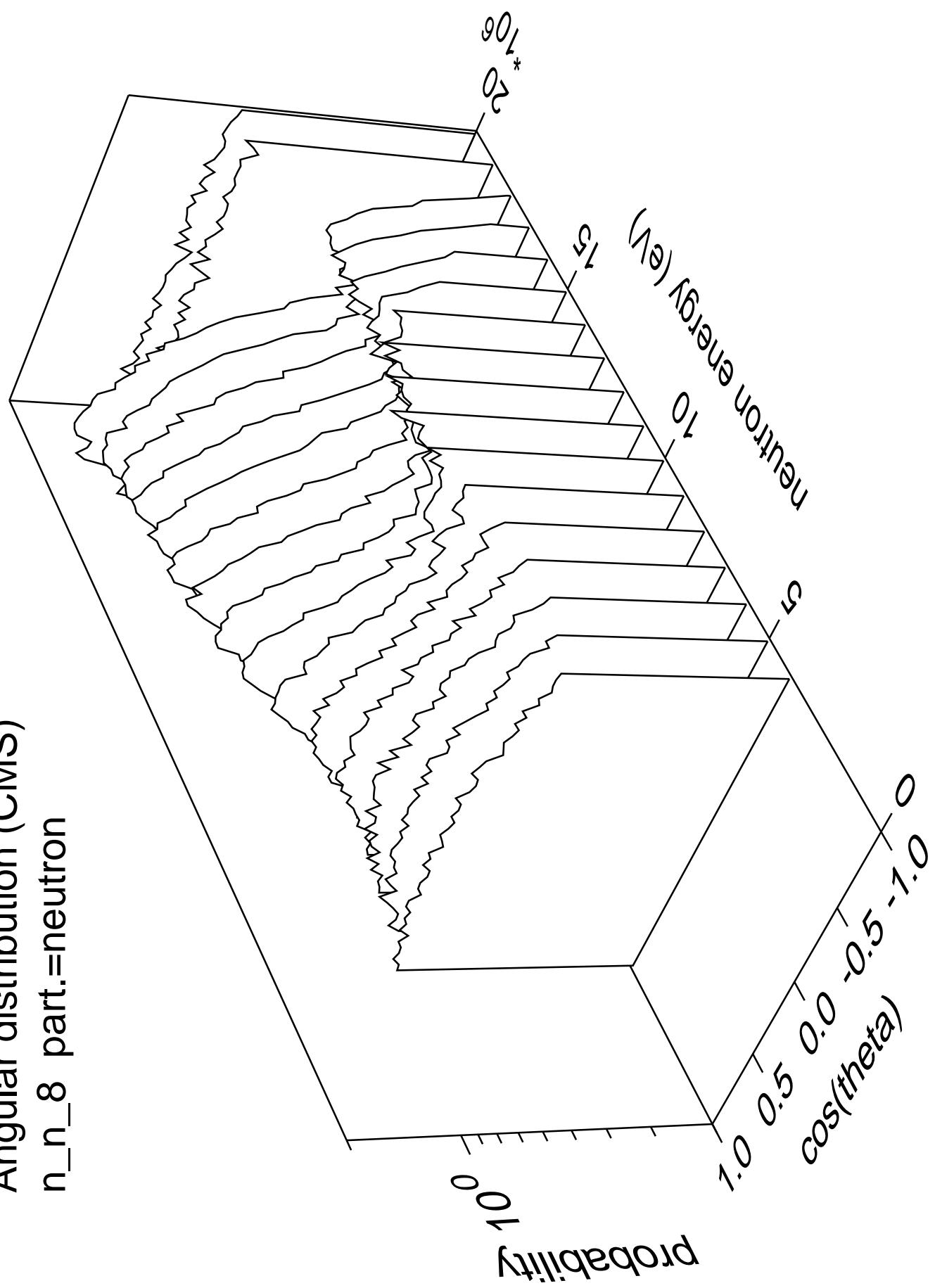
Angular distribution (CMS)  
 $n_n_7$  part.=neutron



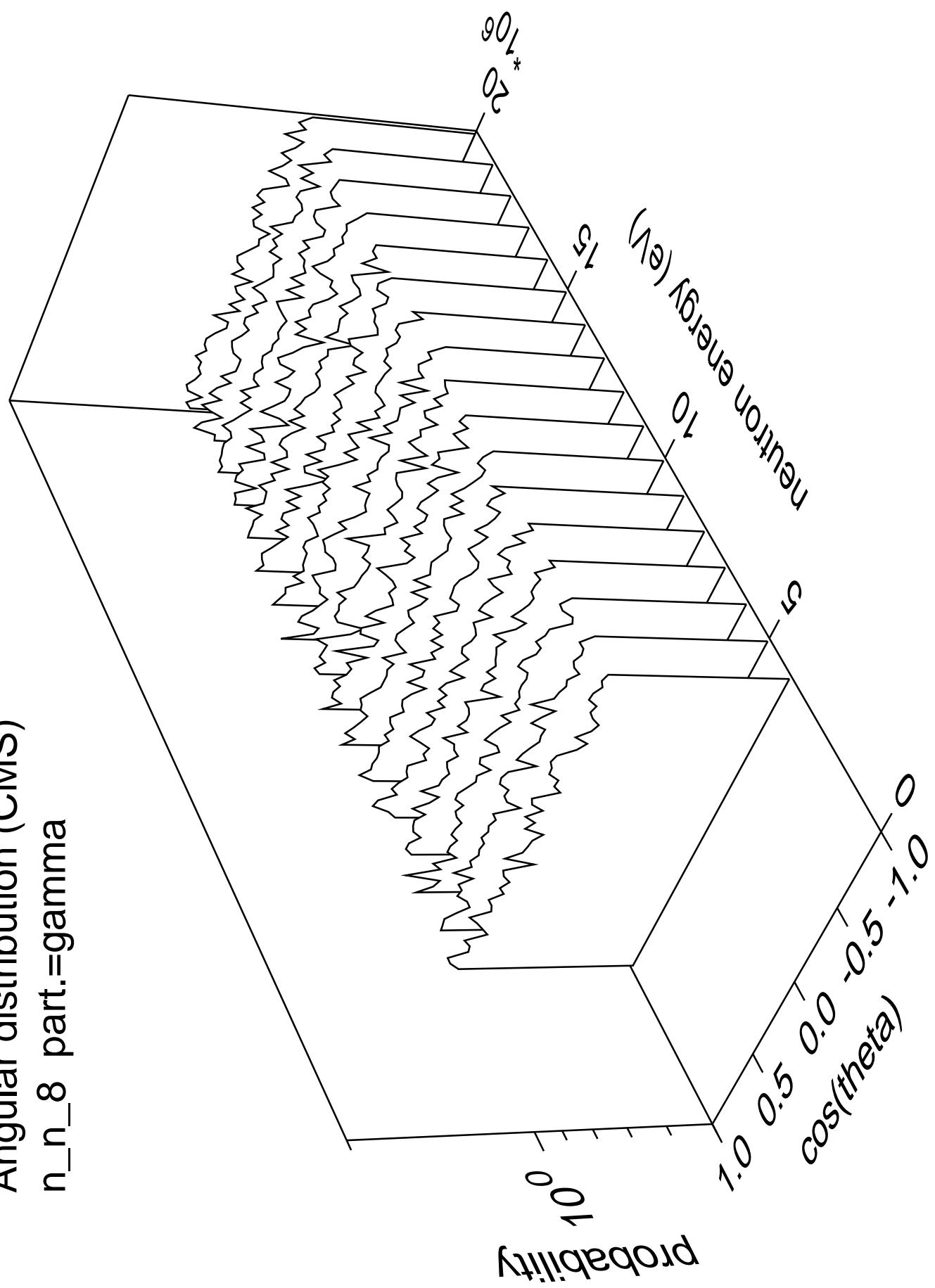
Angular distribution (CMS)  
n\_n\_7 part.=gamma



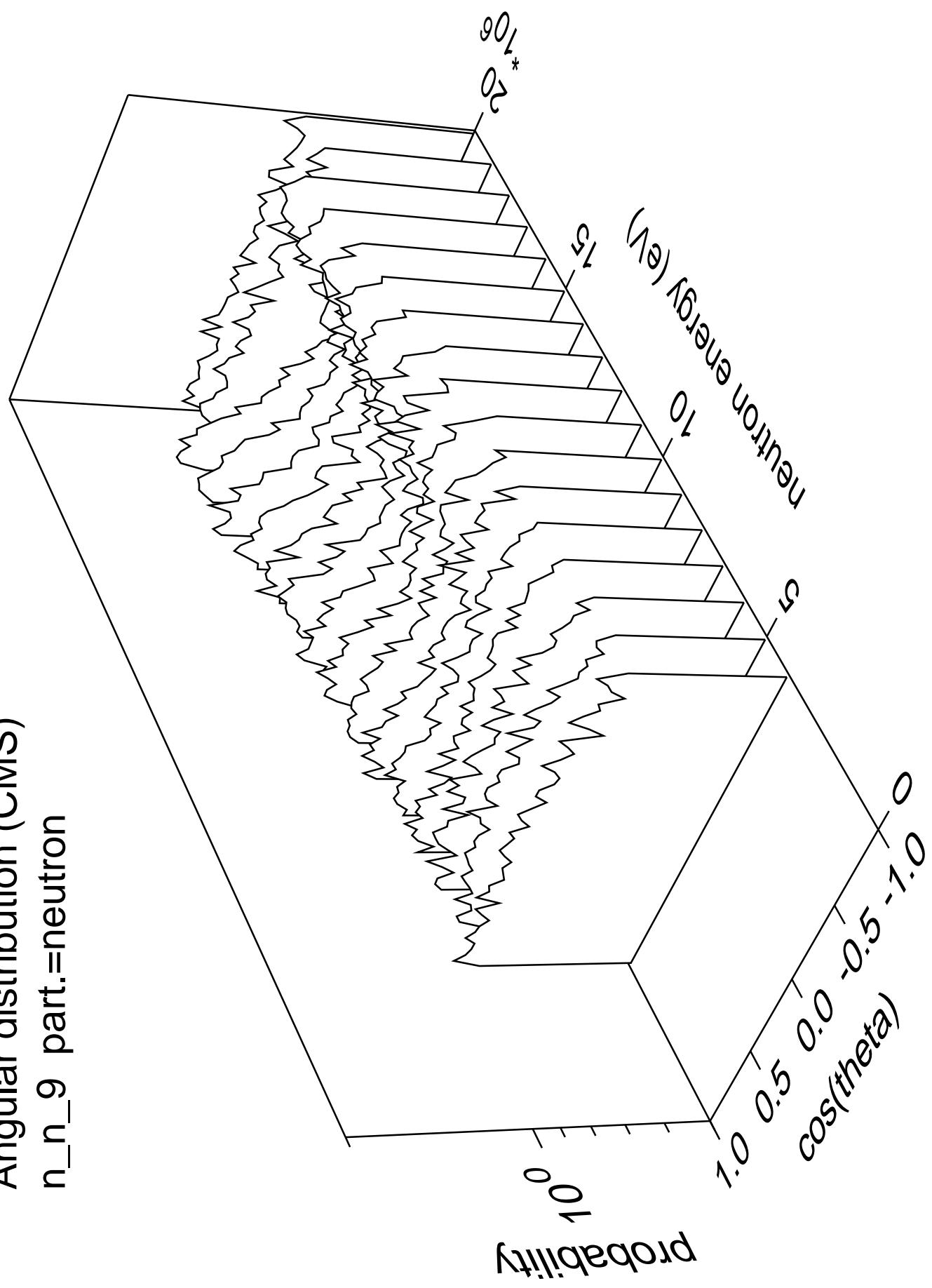
Angular distribution (CMS)  
 $n_n_8$  part.=neutron



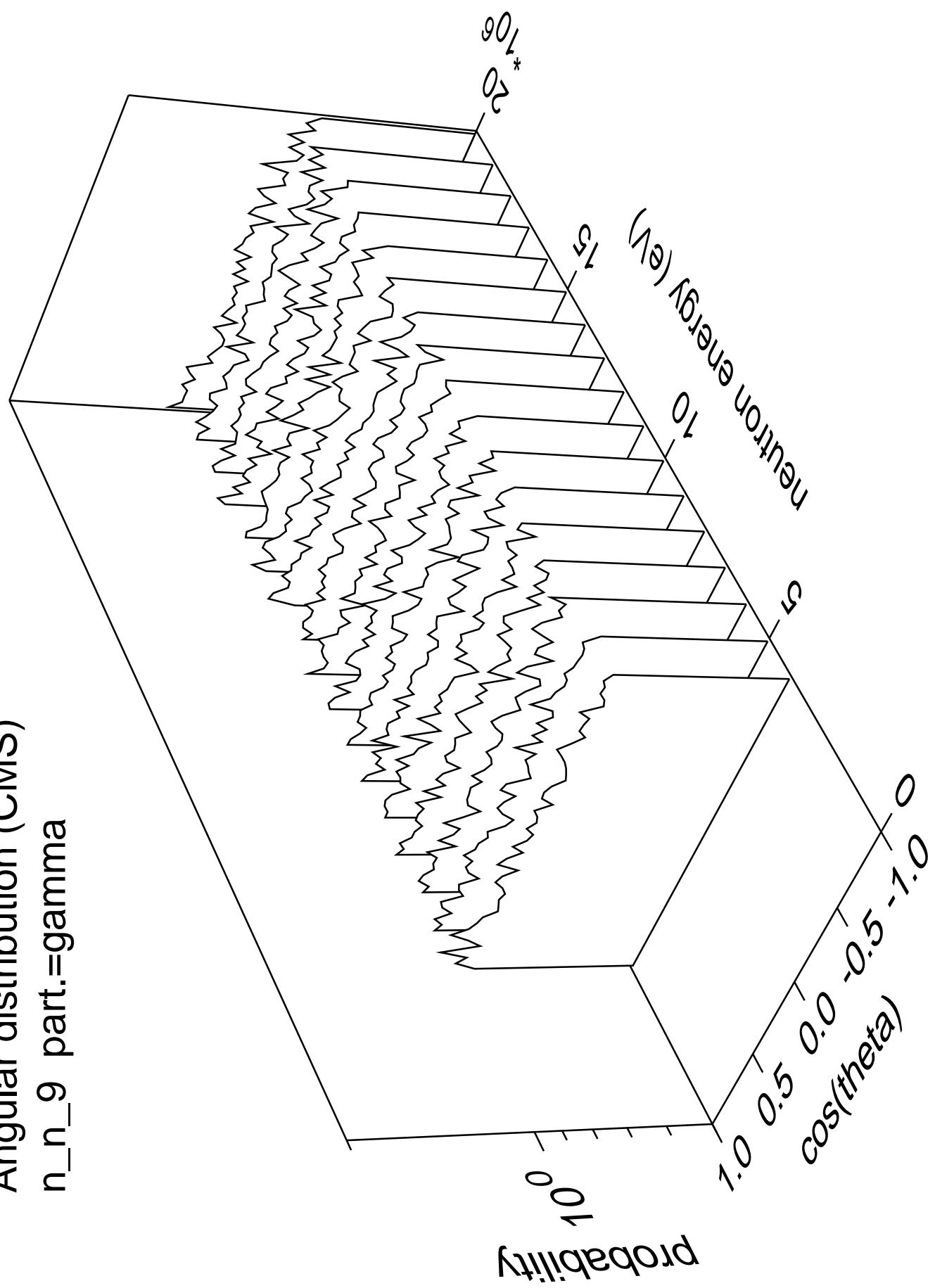
Angular distribution (CMS)  
 $n_n_8$  part.=gamma



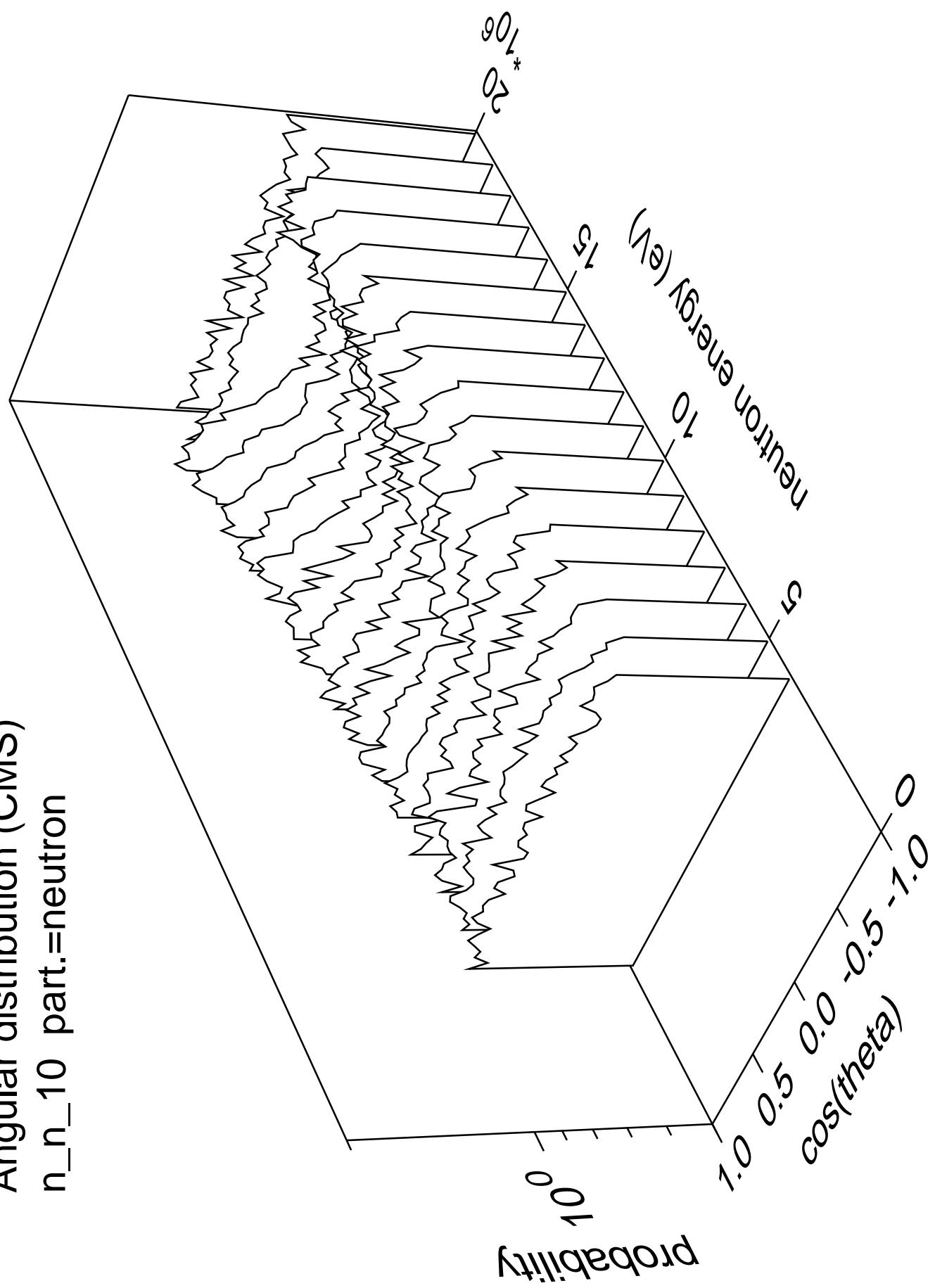
Angular distribution (CMS)  
 $n_n_9$  part.=neutron



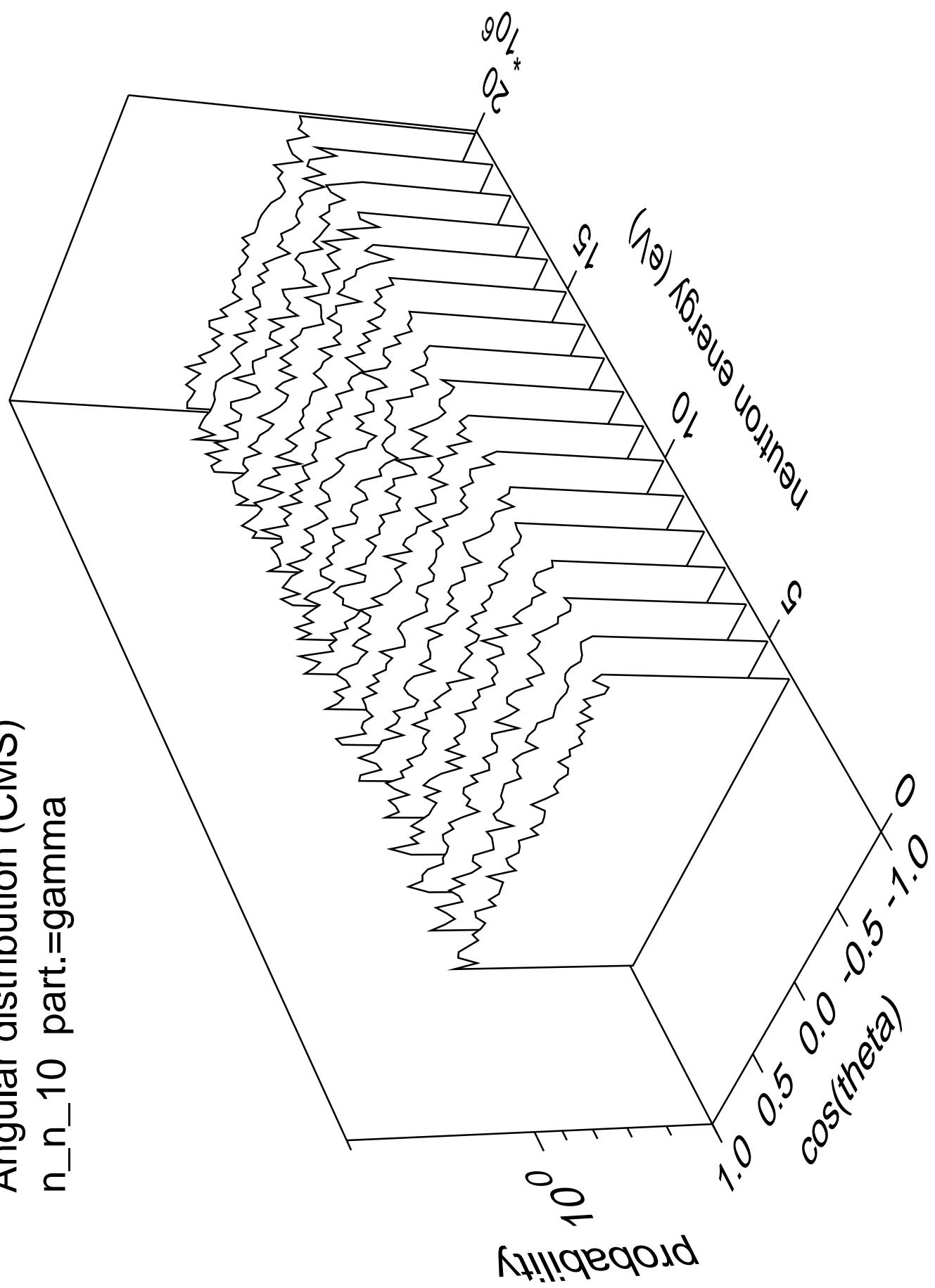
Angular distribution (CMS)  
n\_n\_9 part.=gamma



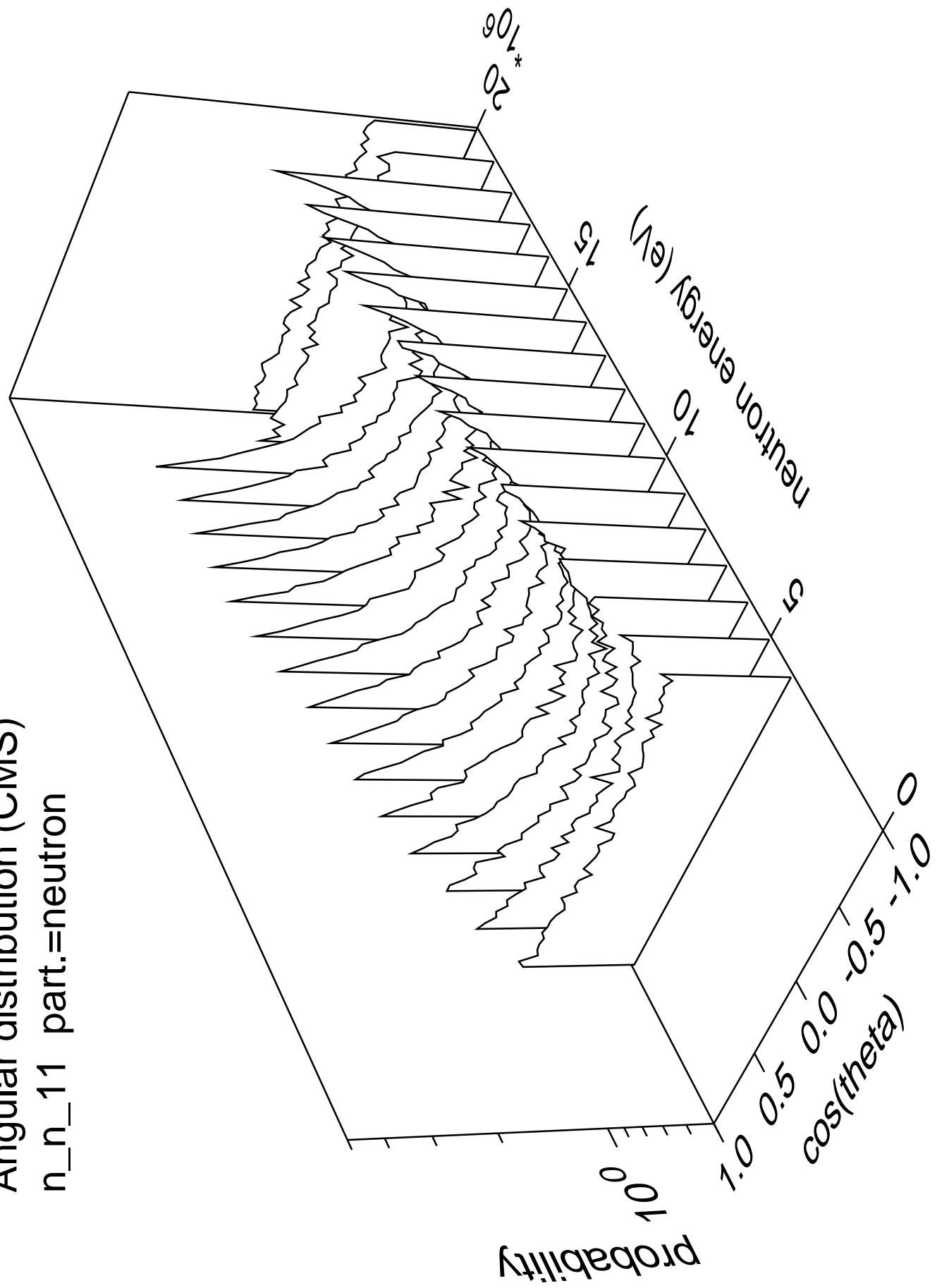
Angular distribution (CMS)  
 $n_n_{10}$  part.=neutron



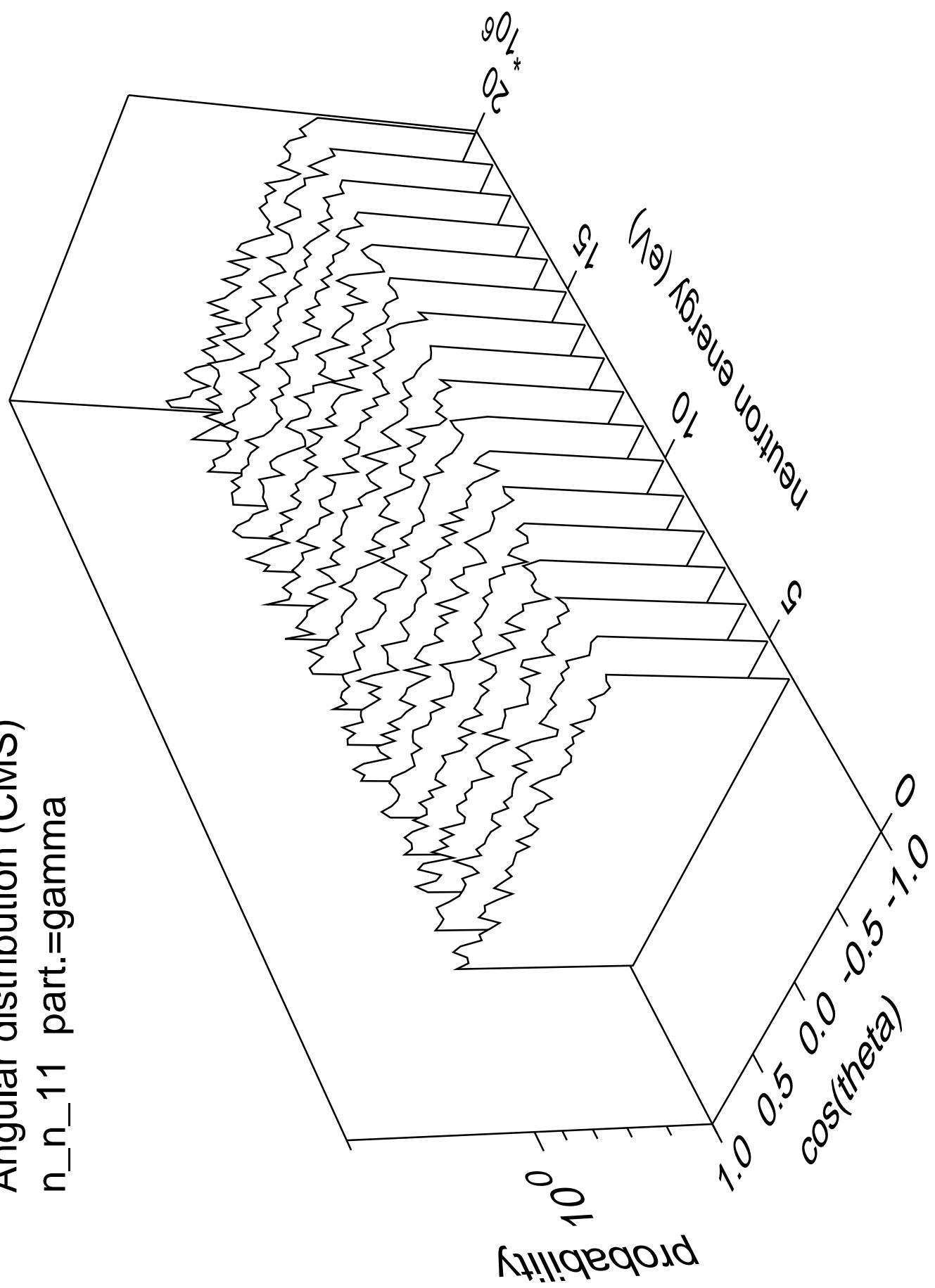
Angular distribution (CMS)  
n\_n\_10 part.=gamma



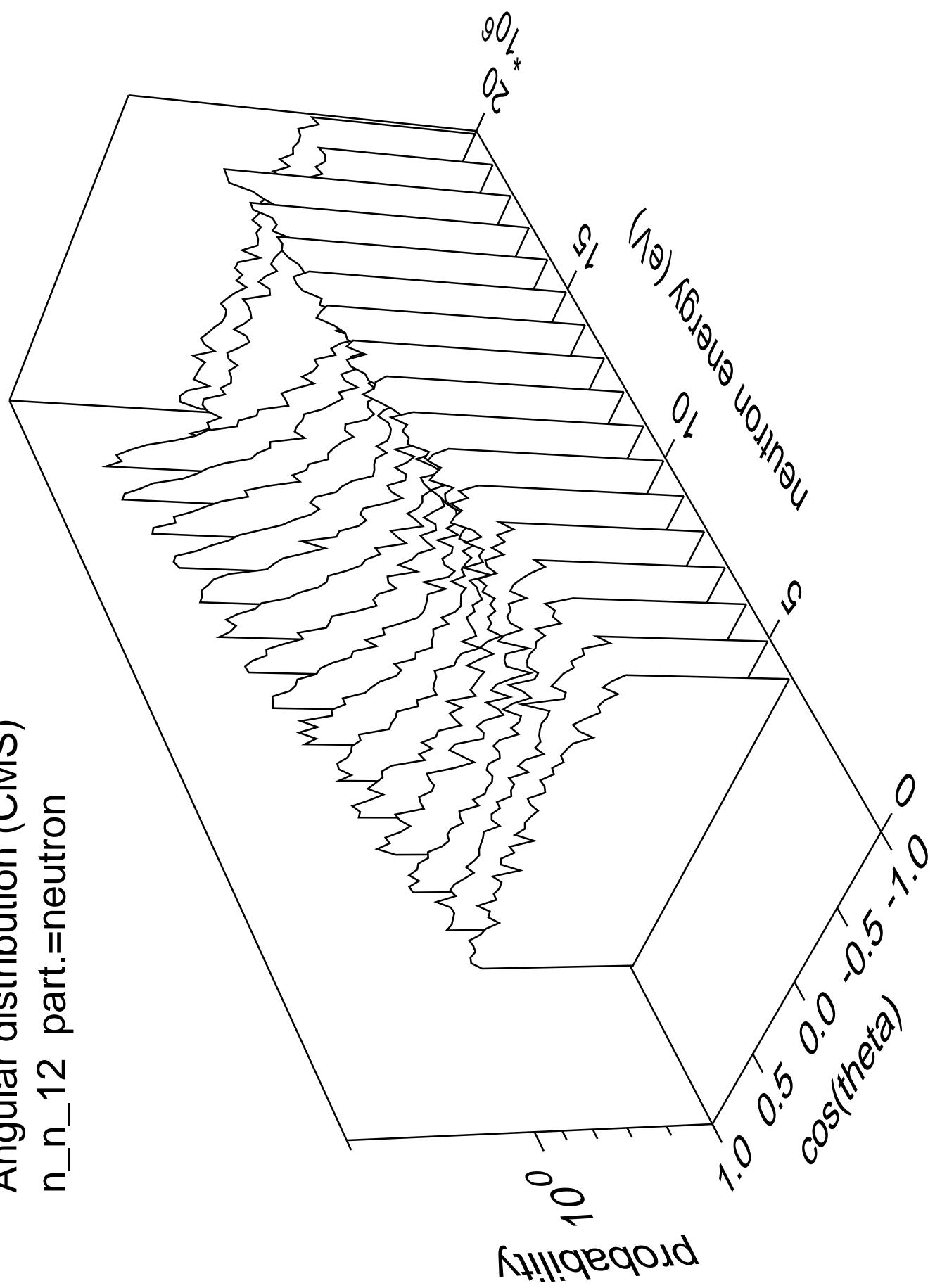
Angular distribution (CMS)  
 $n_{n\_11}$  part.=neutron



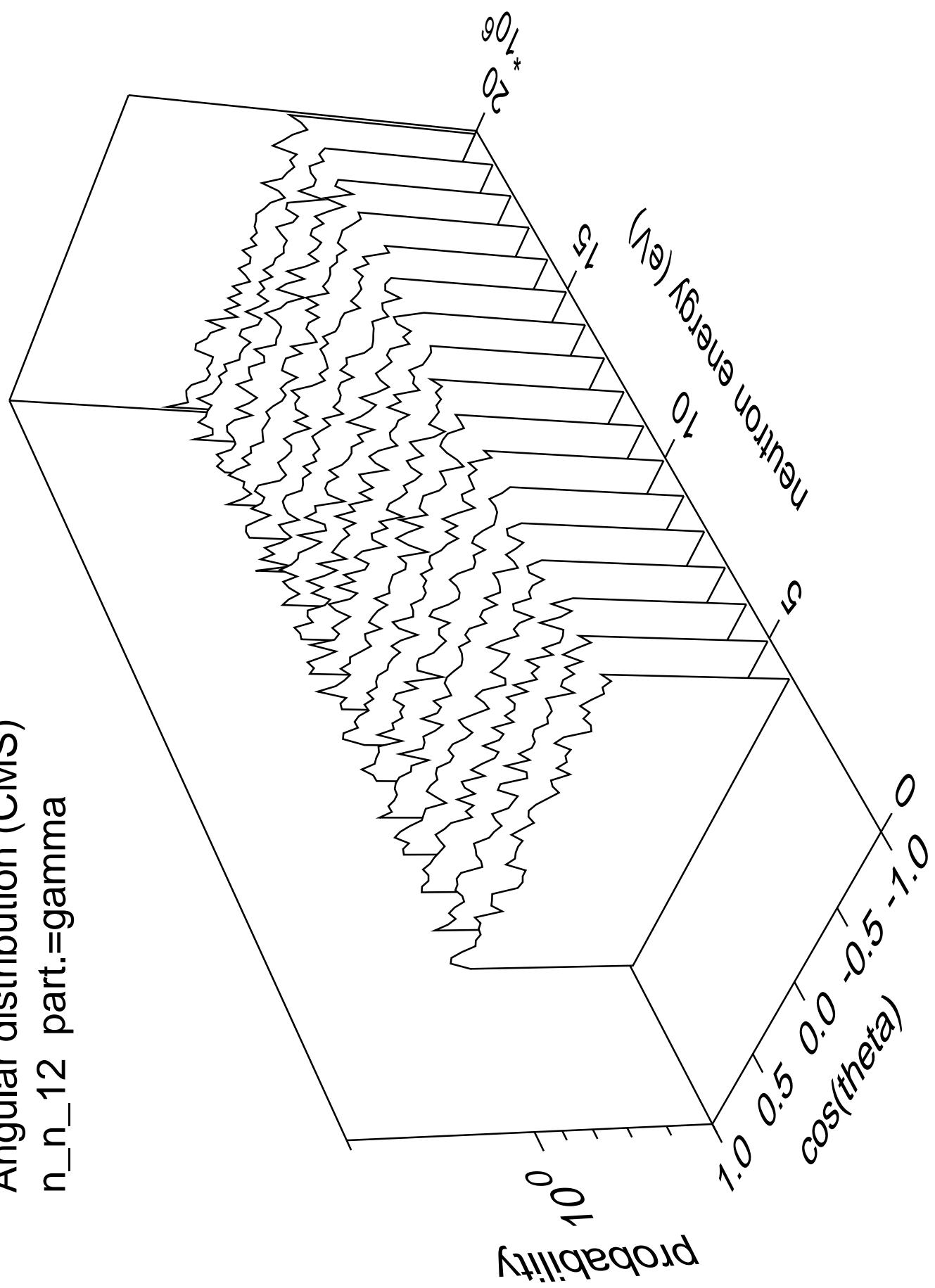
Angular distribution (CMS)  
 $n_n_{11}$  part.=gamma



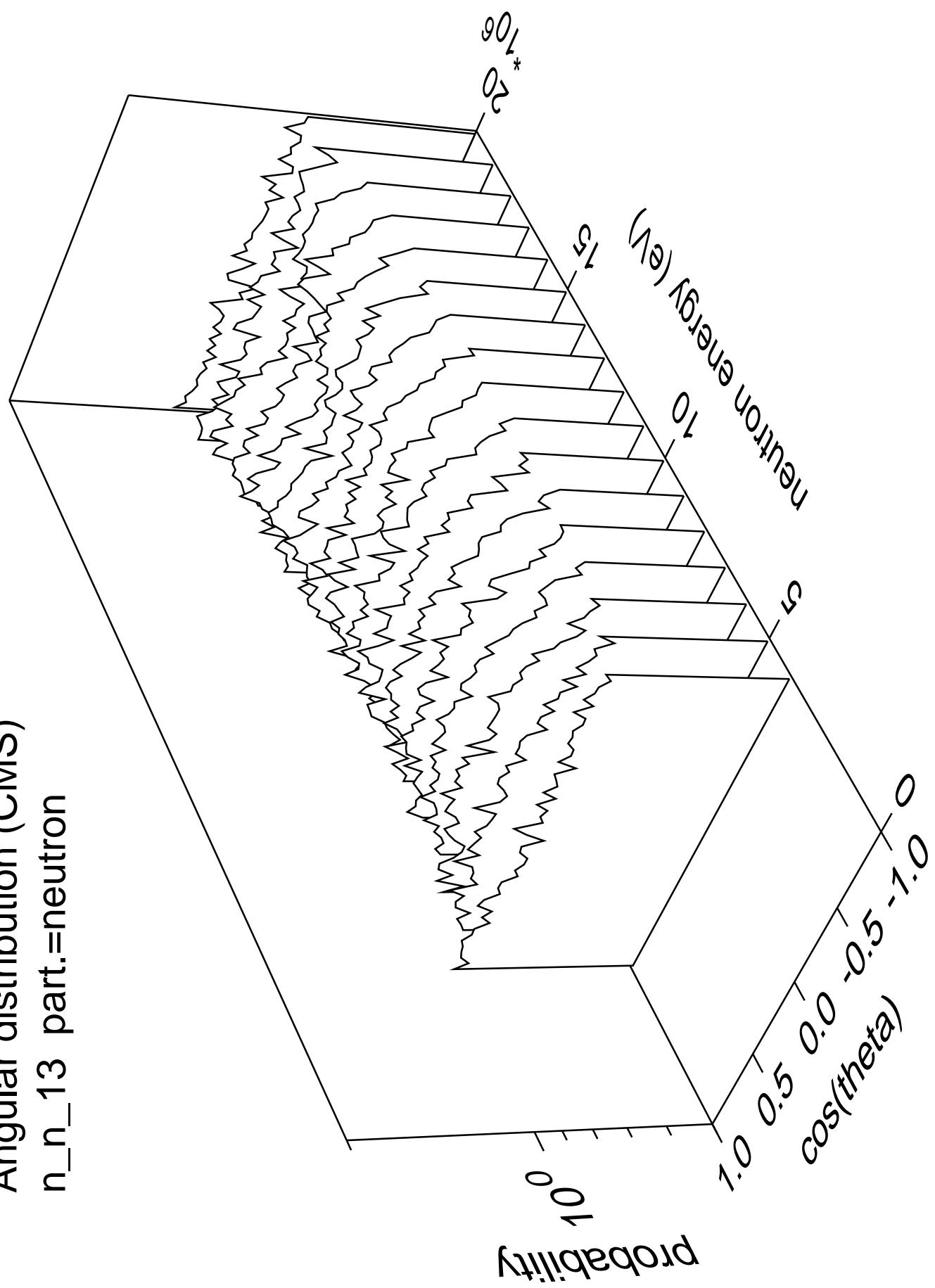
Angular distribution (CMS)  
n\_n\_12 part.=neutron



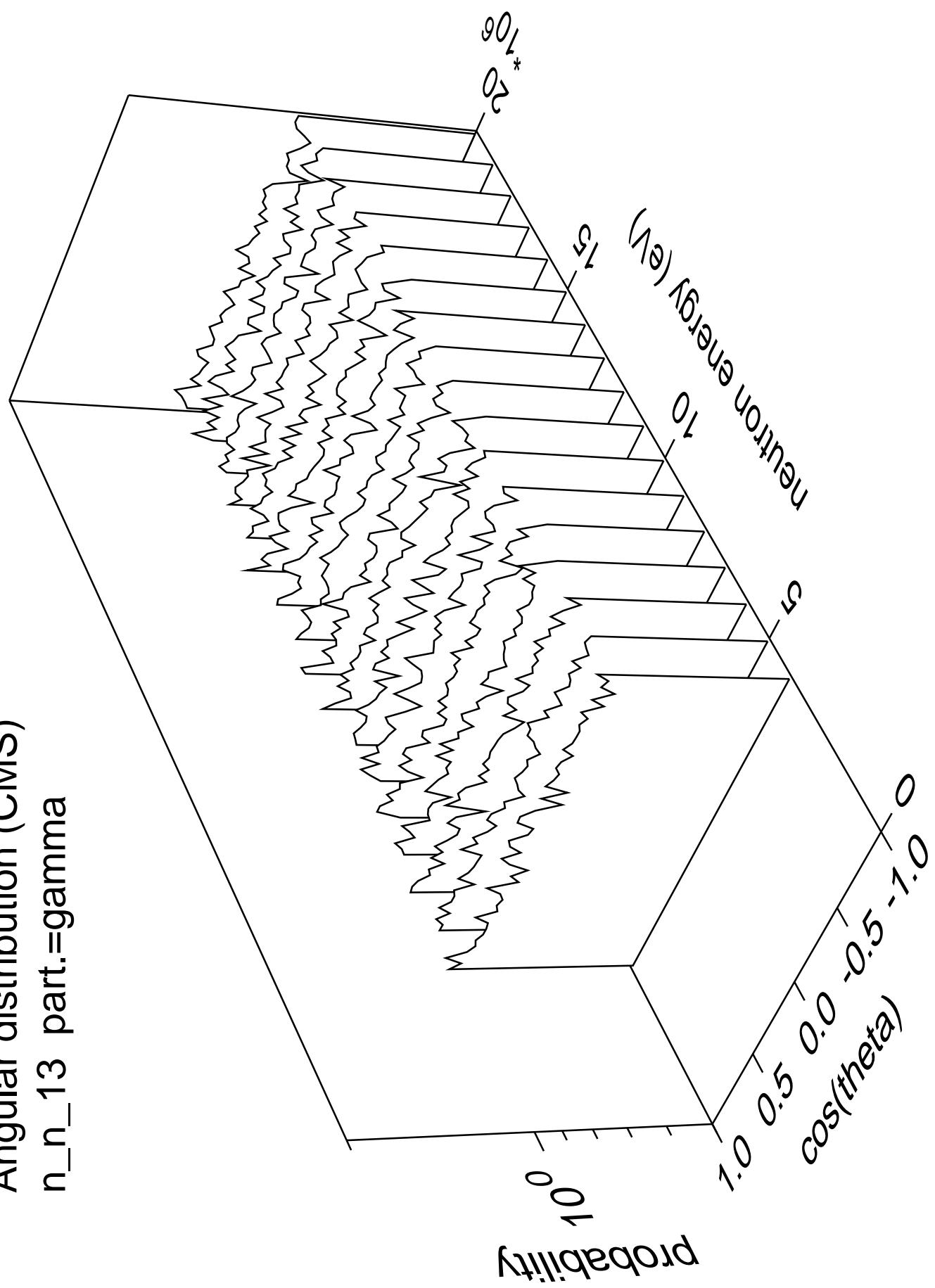
Angular distribution (CMS)  
n\_n\_12 part.=gamma



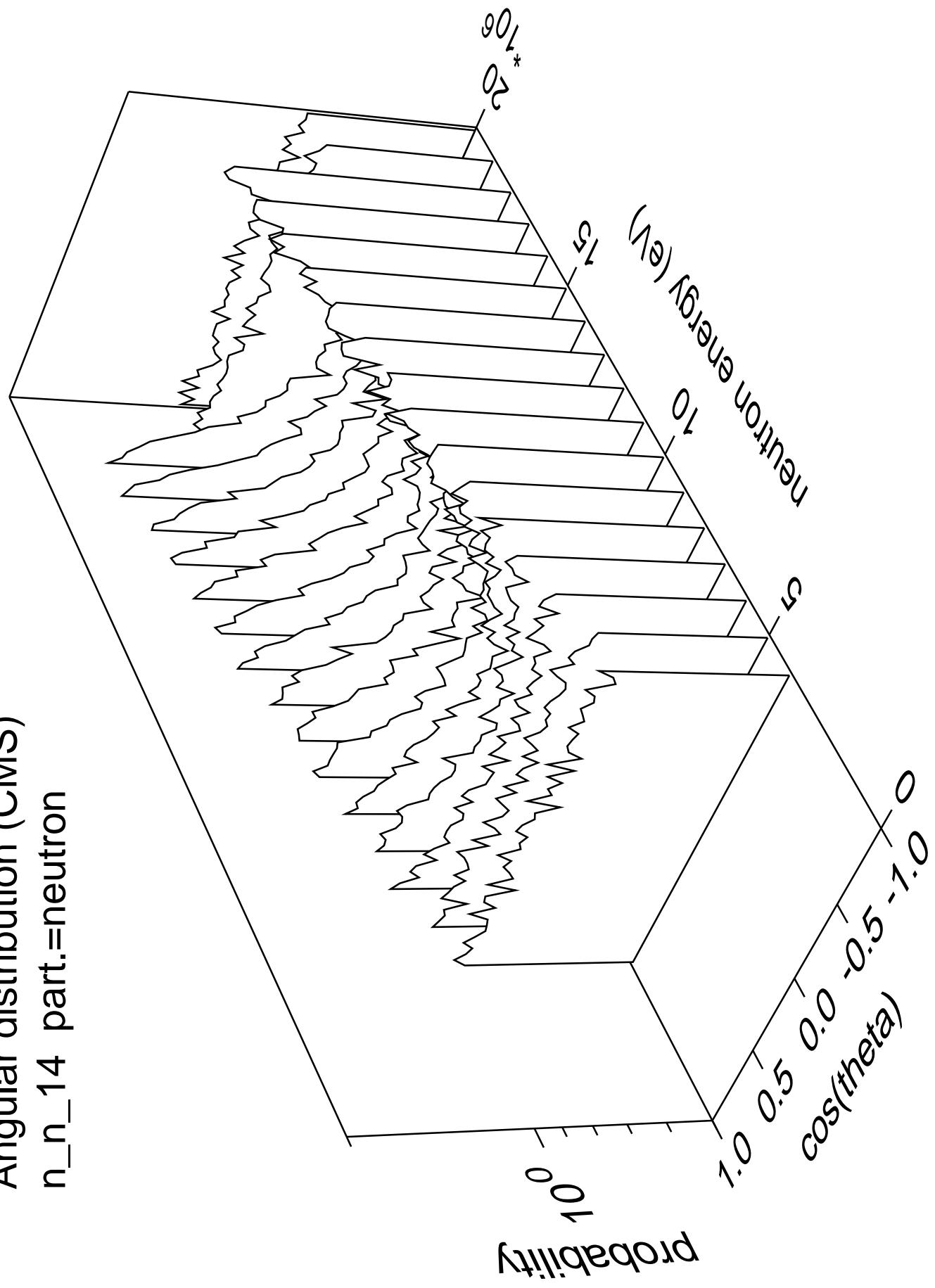
Angular distribution (CMS)  
n\_n\_13 part.=neutron



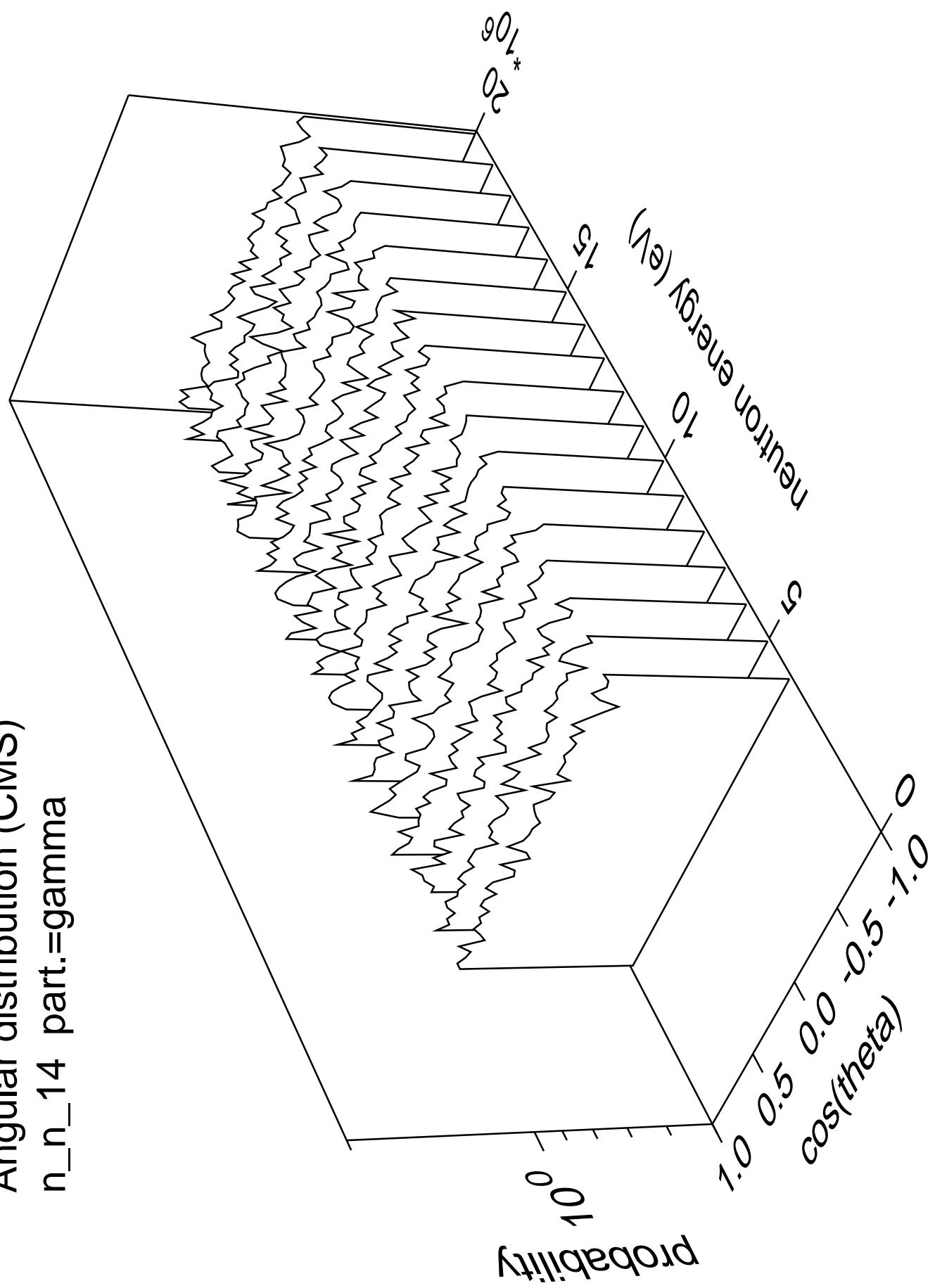
Angular distribution (CMS)  
n\_n\_13 part.=gamma

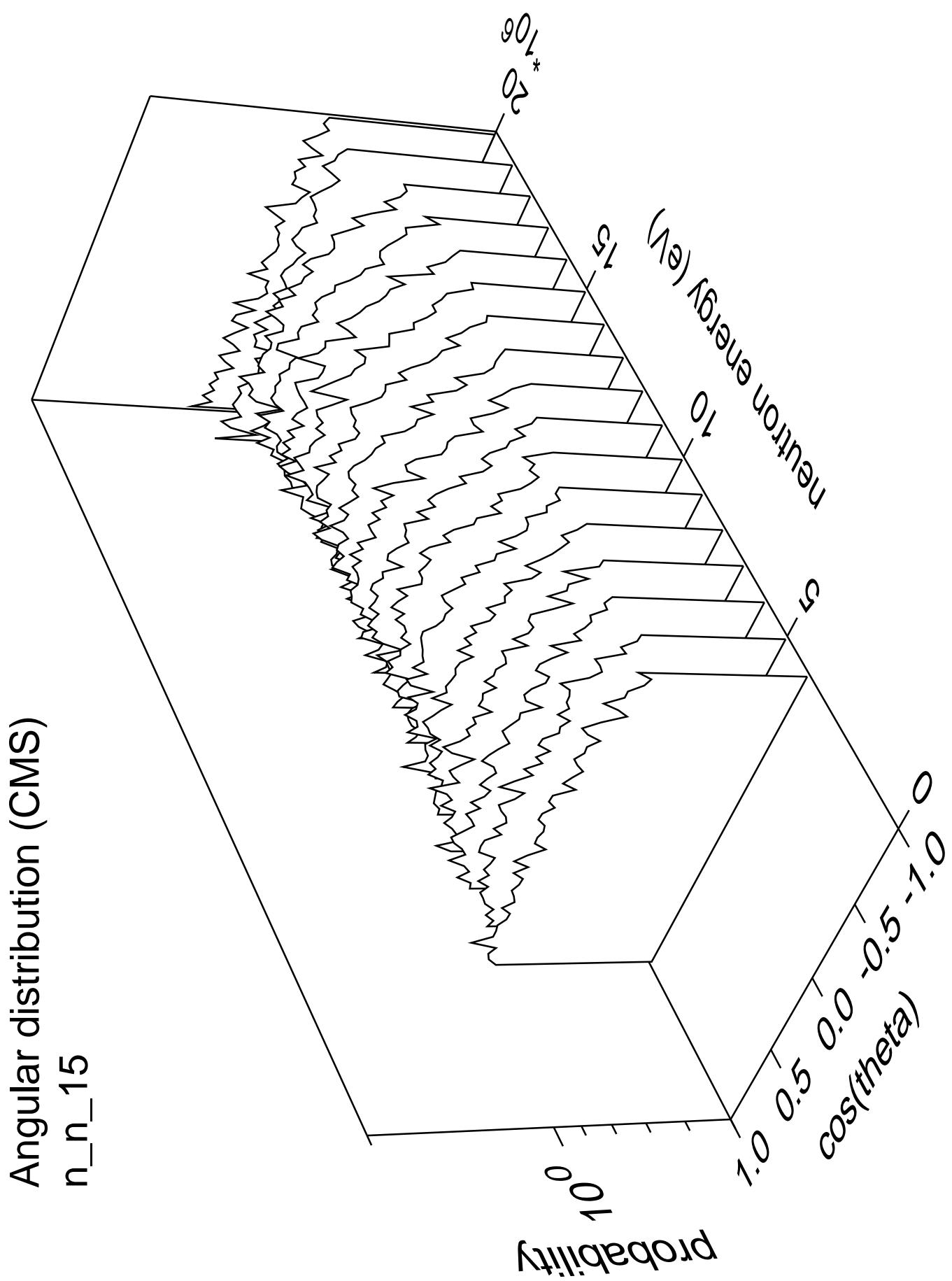


Angular distribution (CMS)  
n\_n\_14 part.=neutron

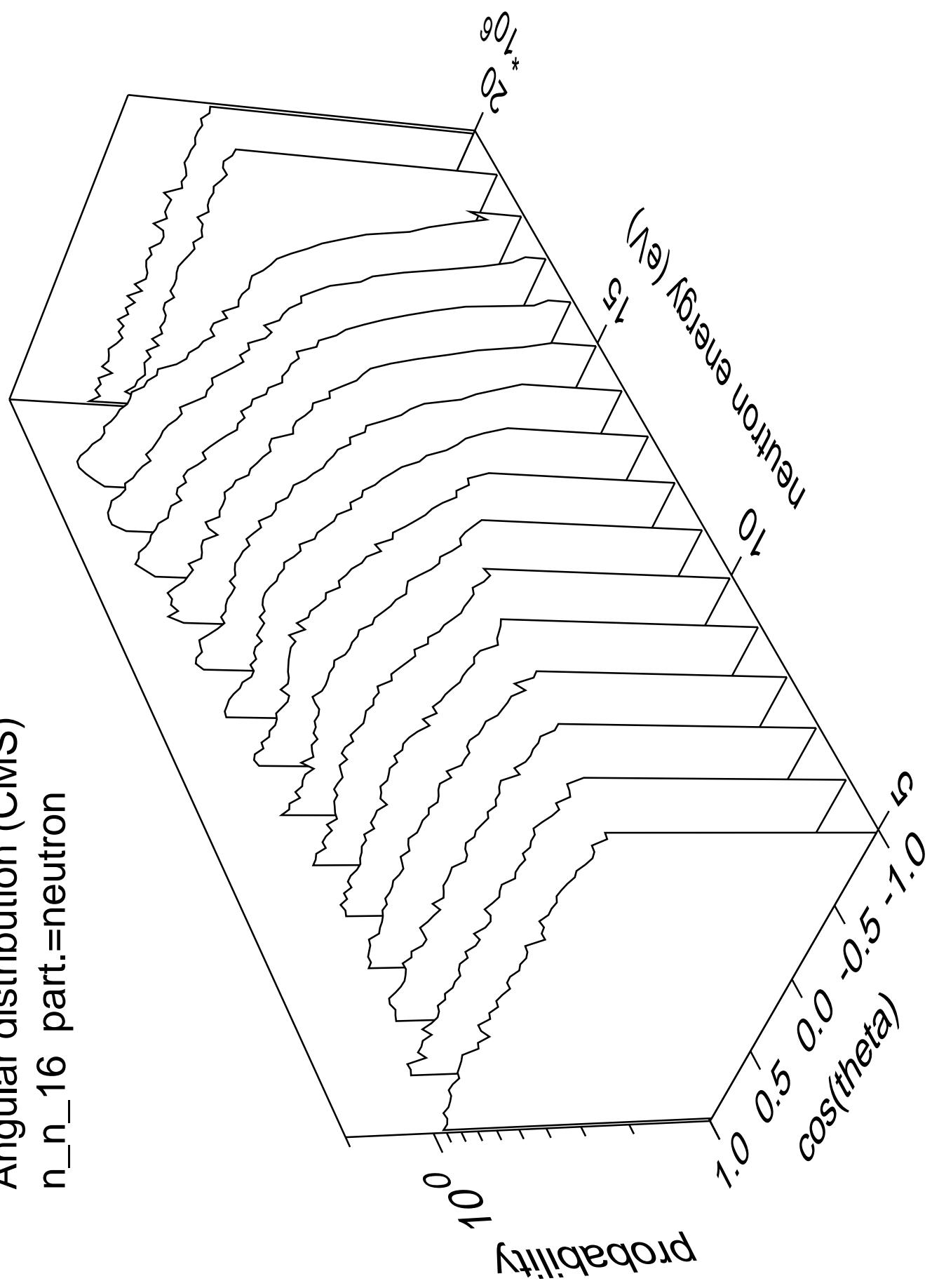


Angular distribution (CMS)  
n\_n\_14 part.=gamma

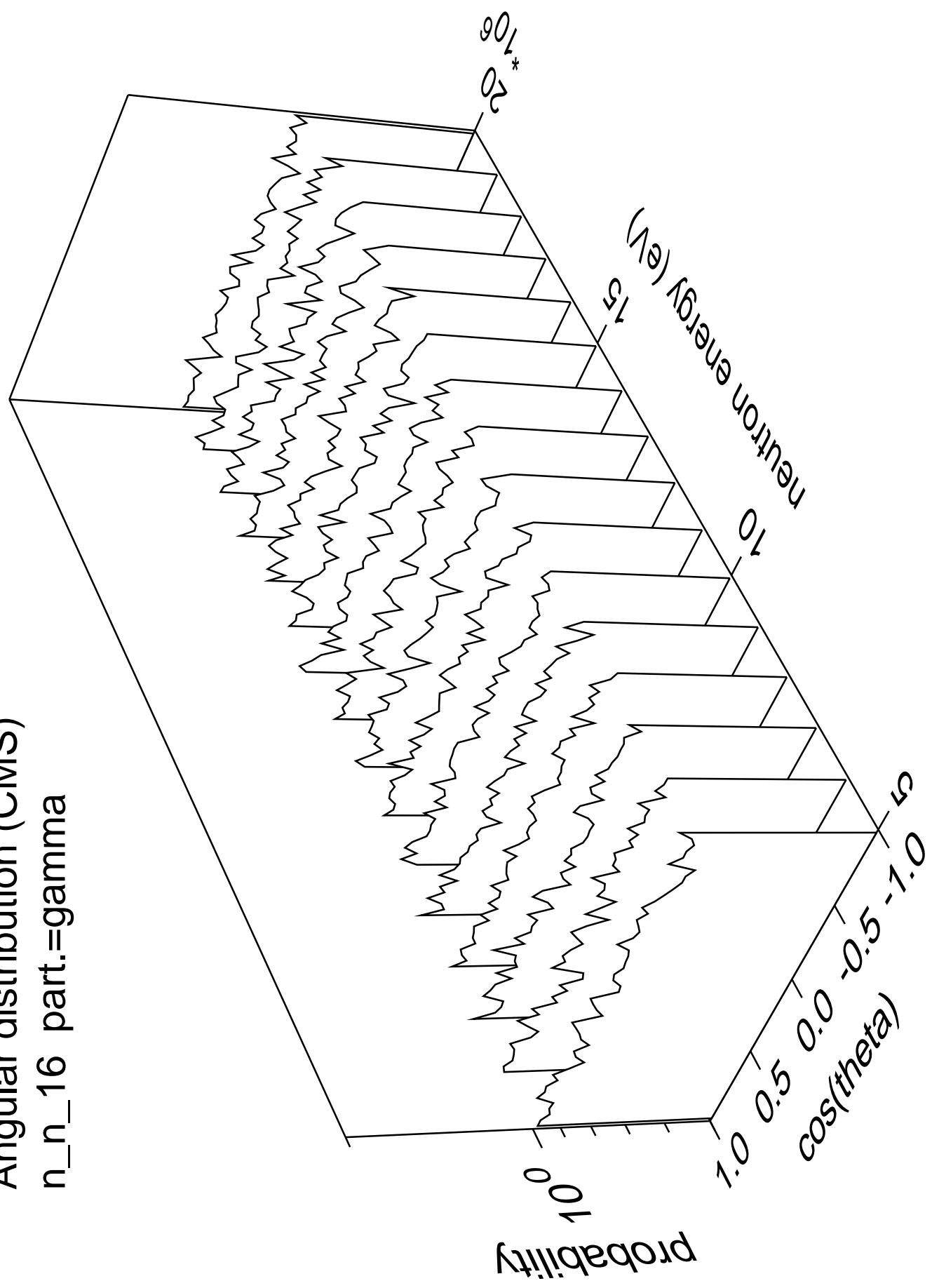


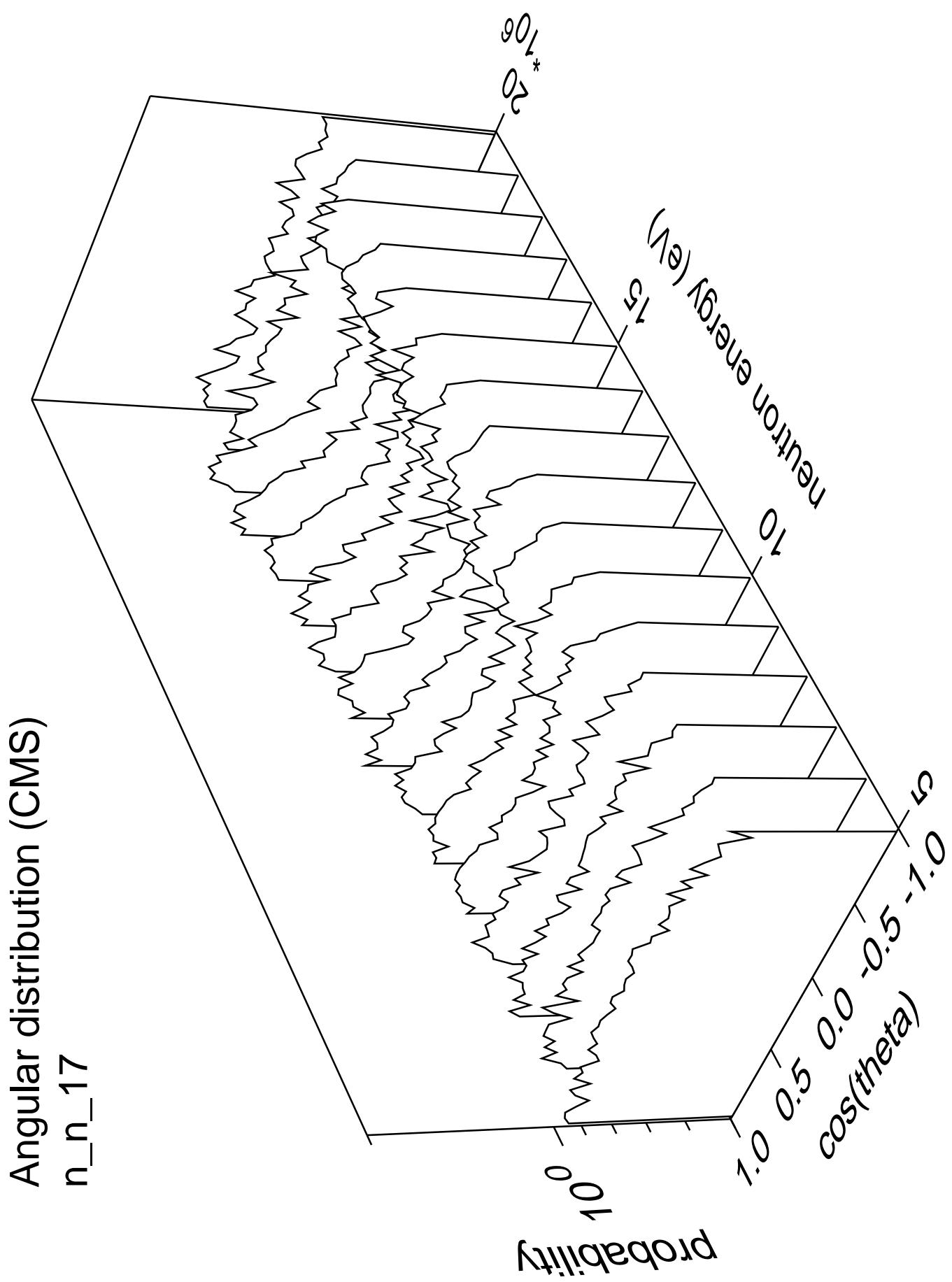


Angular distribution (CMS)  
n\_n\_16 part.=neutron

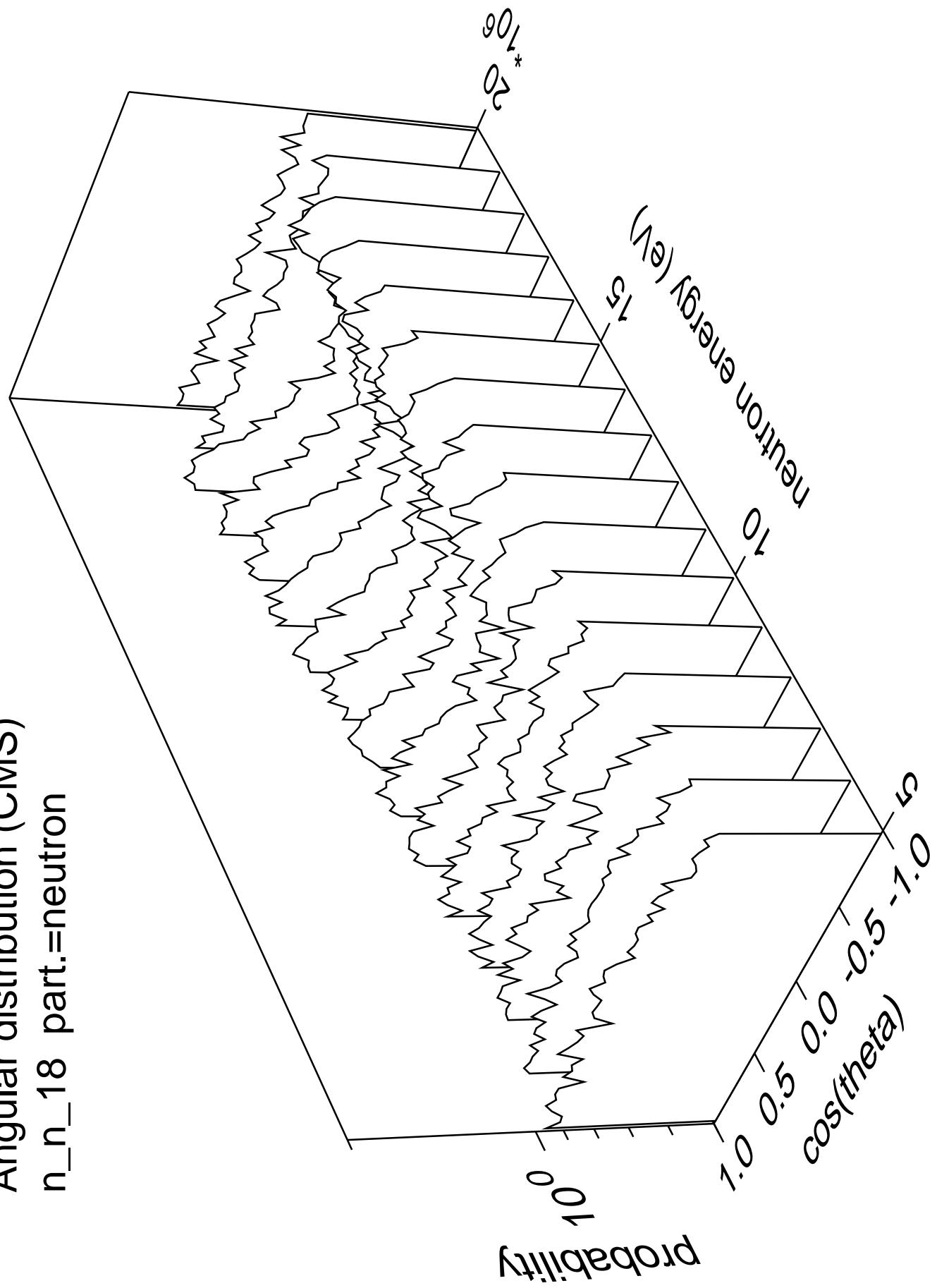


Angular distribution (CMS)  
n\_n\_16 part.=gamma

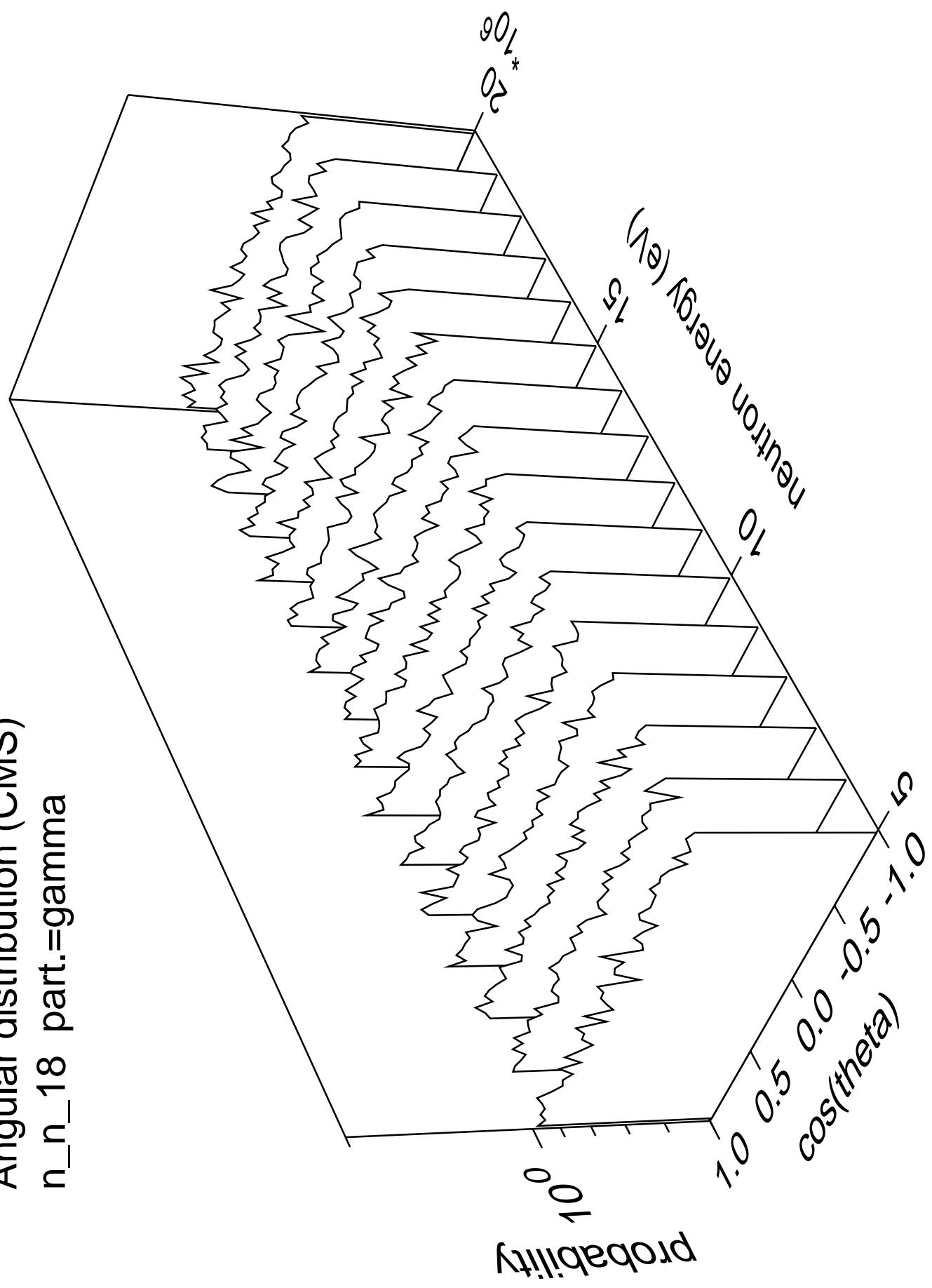




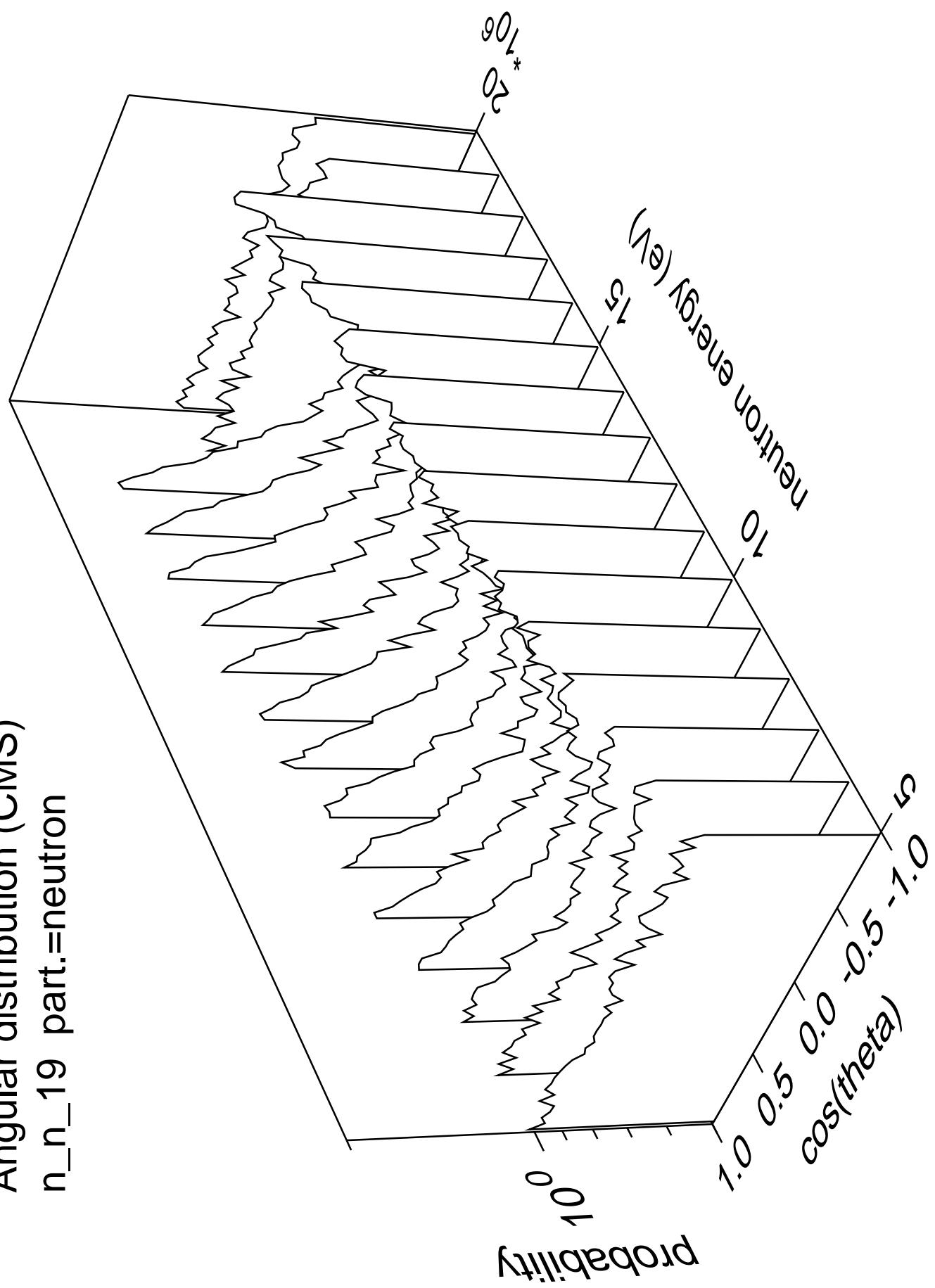
Angular distribution (CMS)  
n\_n\_18 part.=neutron



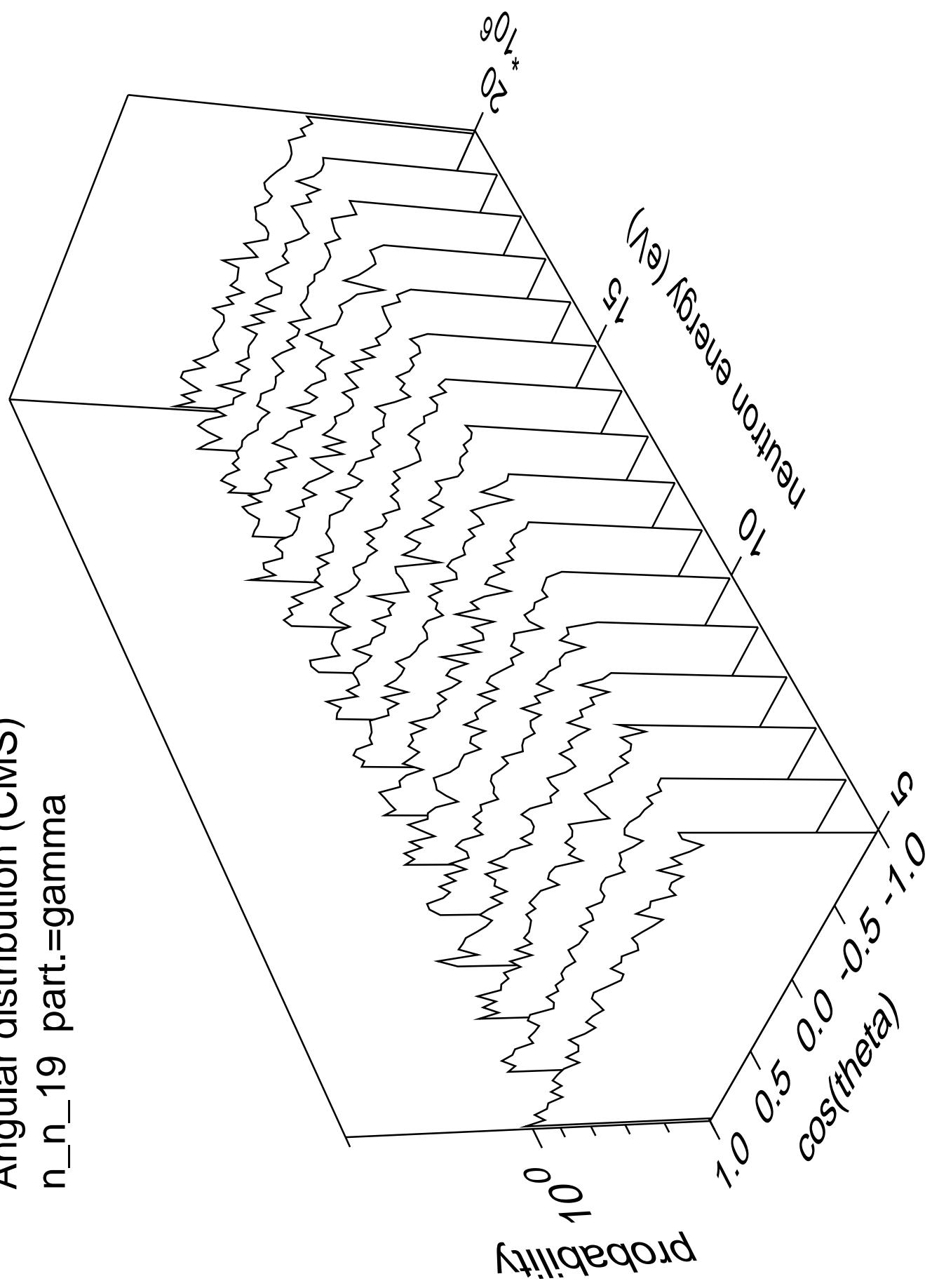
Angular distribution (CMS)  
n\_n\_18 part.=gamma

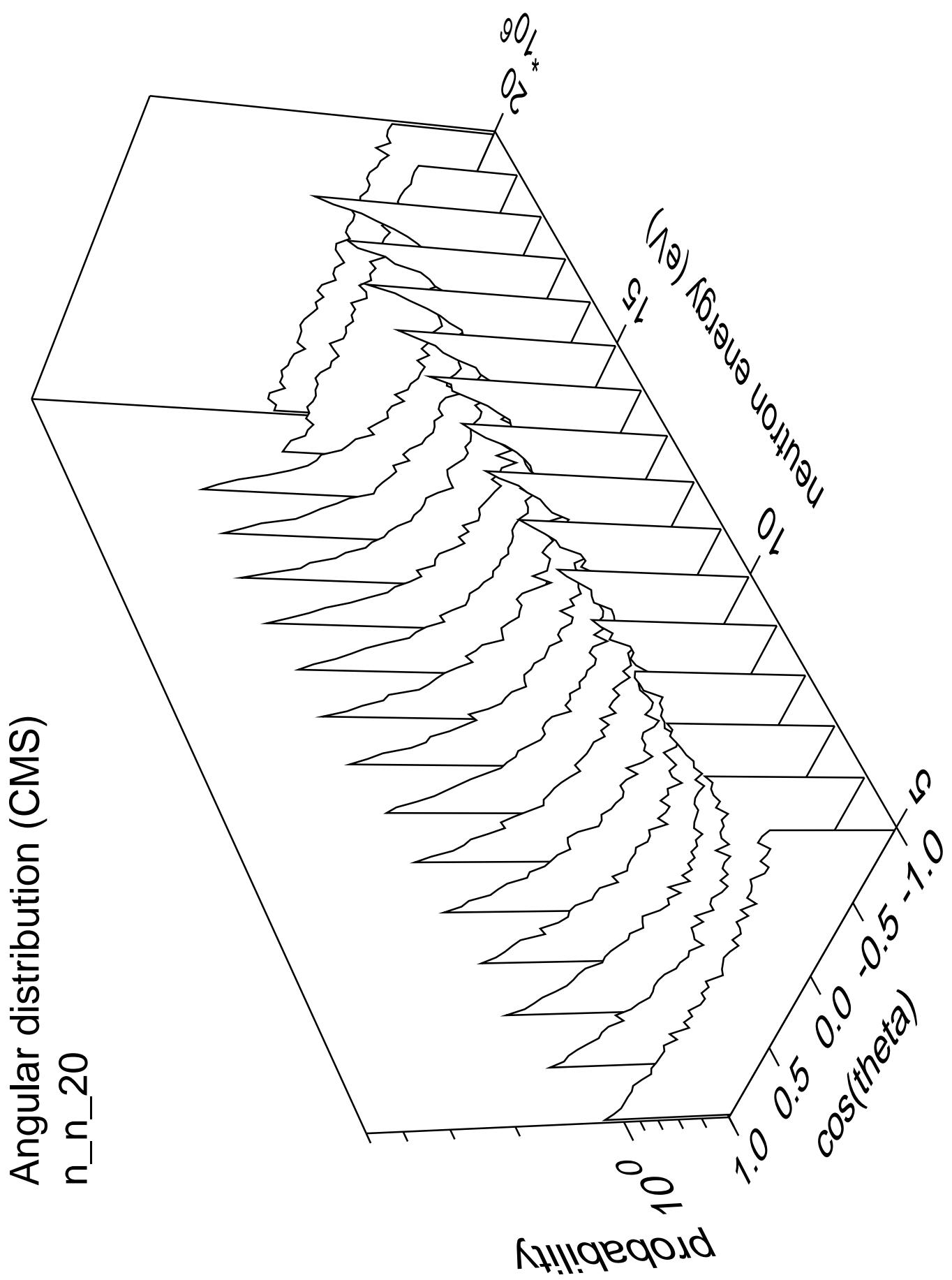


Angular distribution (CMS)  
n\_n\_19 part.=neutron

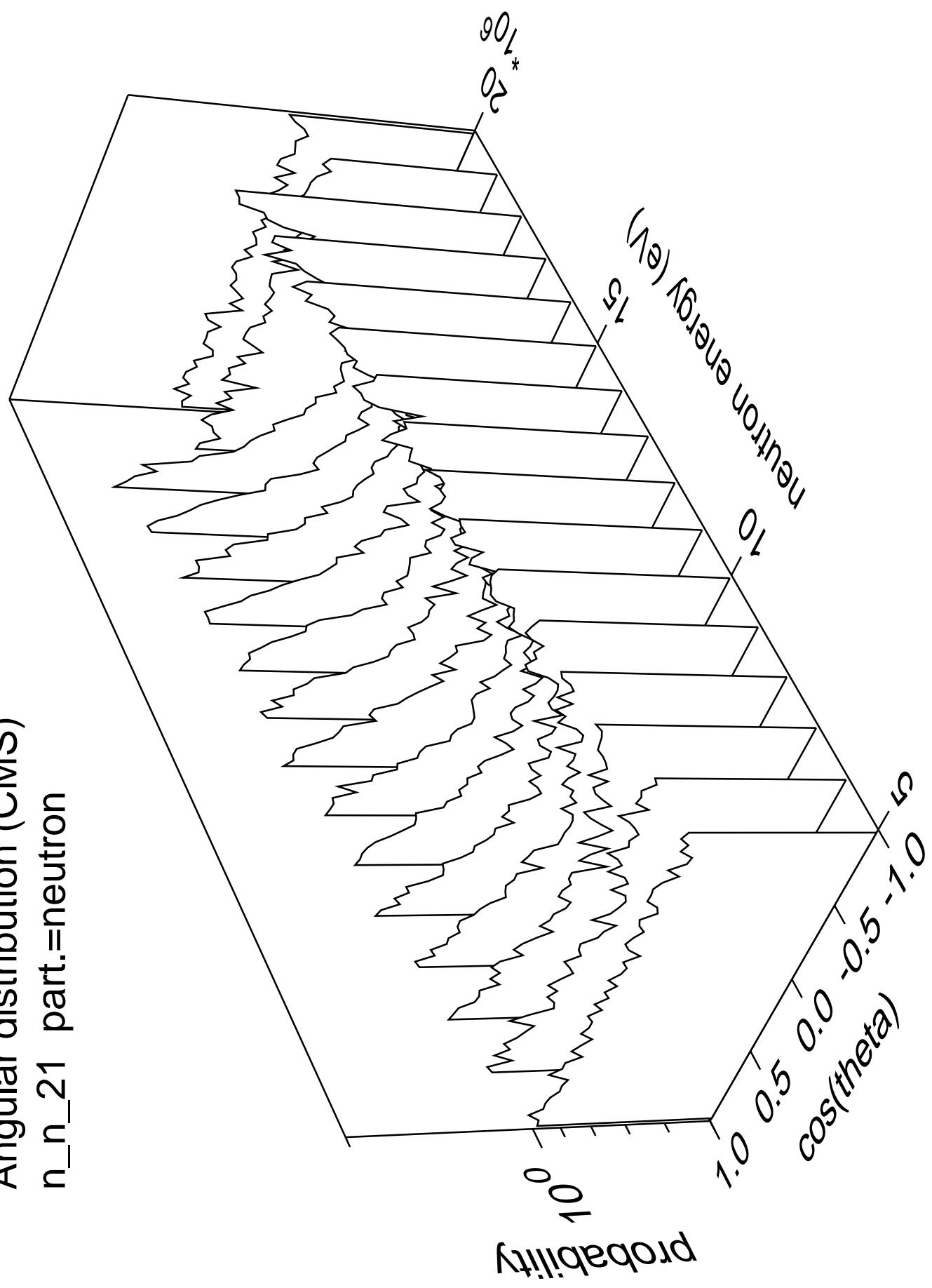


Angular distribution (CMS)  
n\_n\_19 part.=gamma

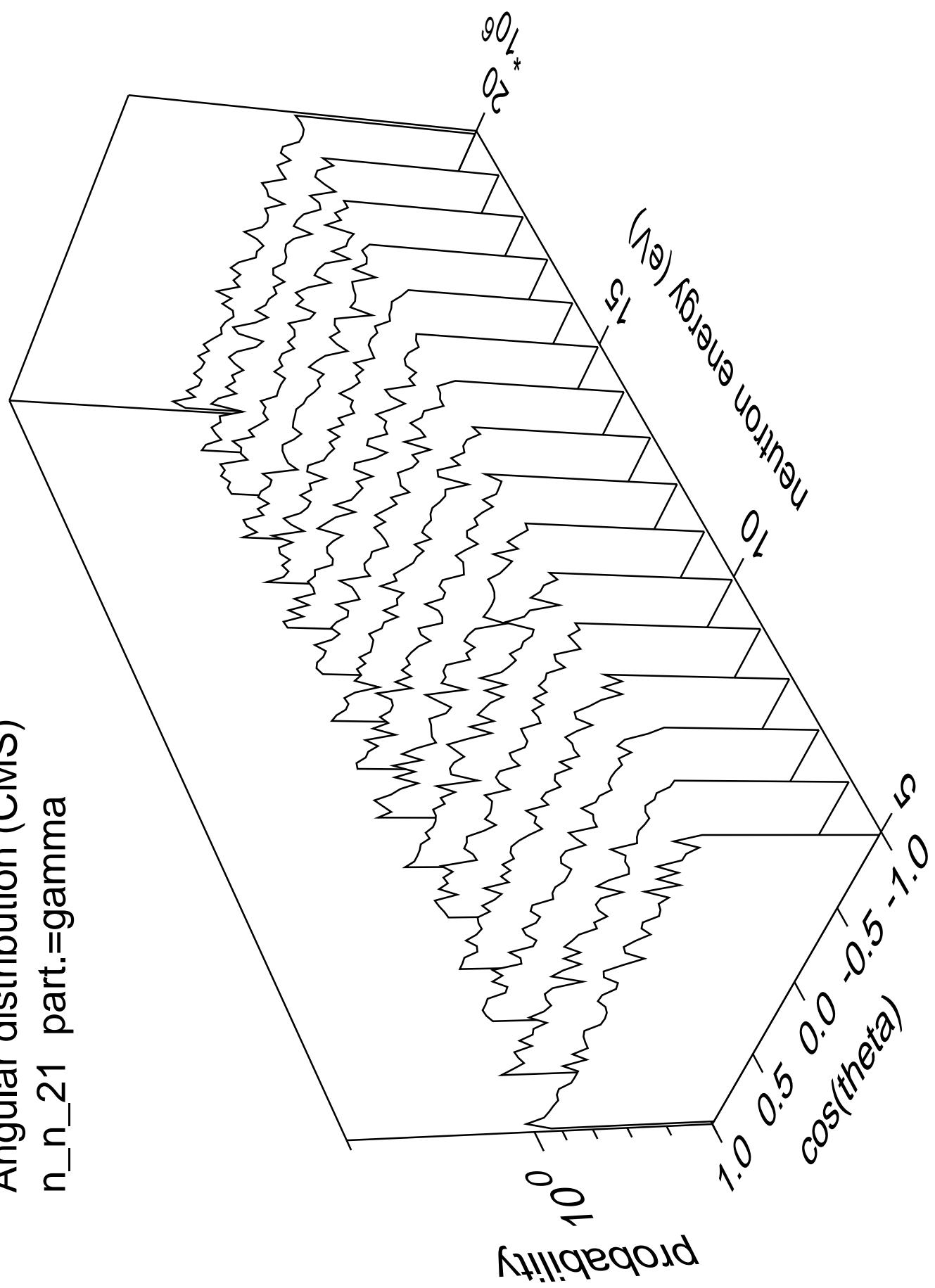




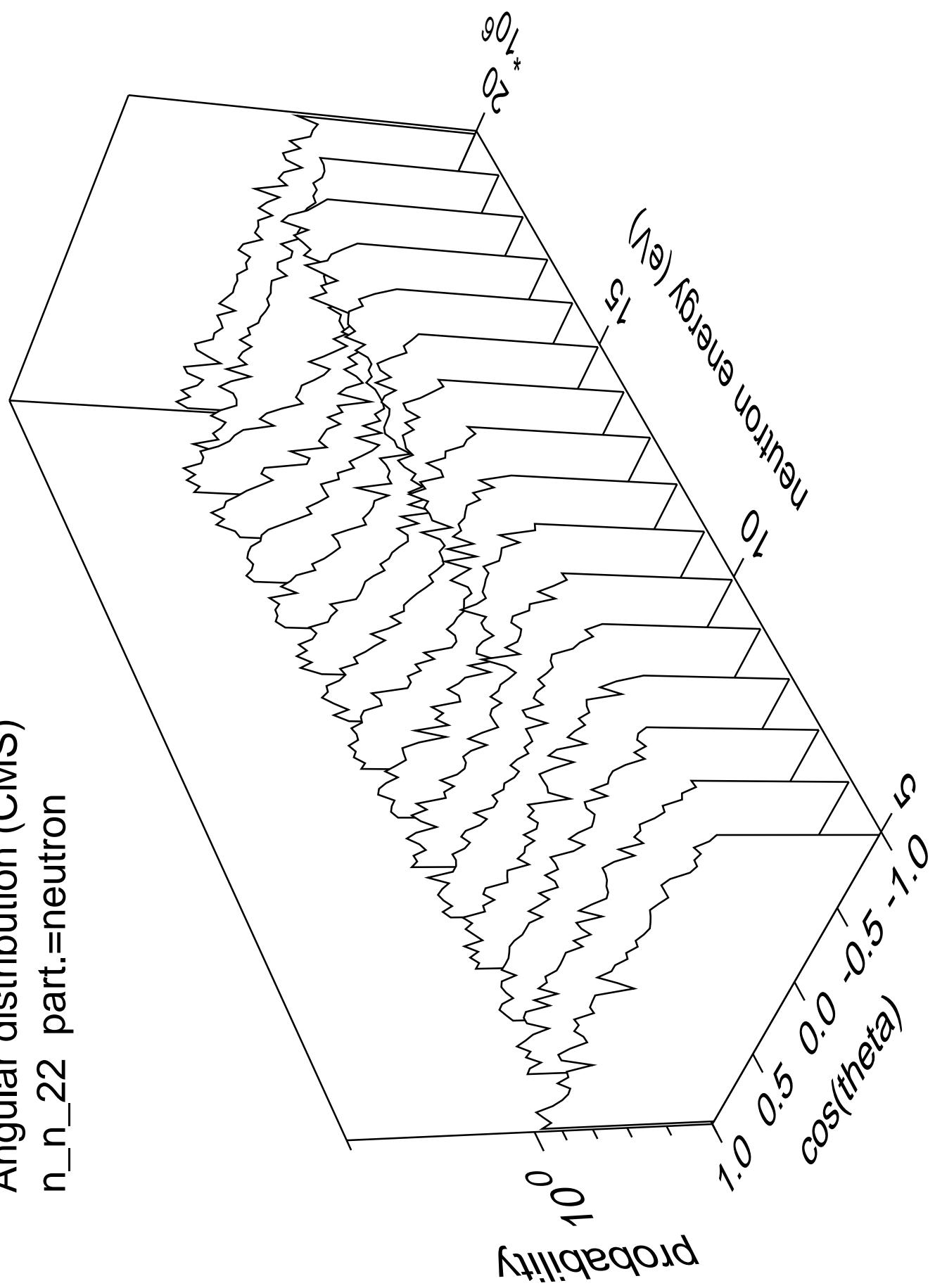
Angular distribution (CMS)  
n\_n\_21 part.=neutron



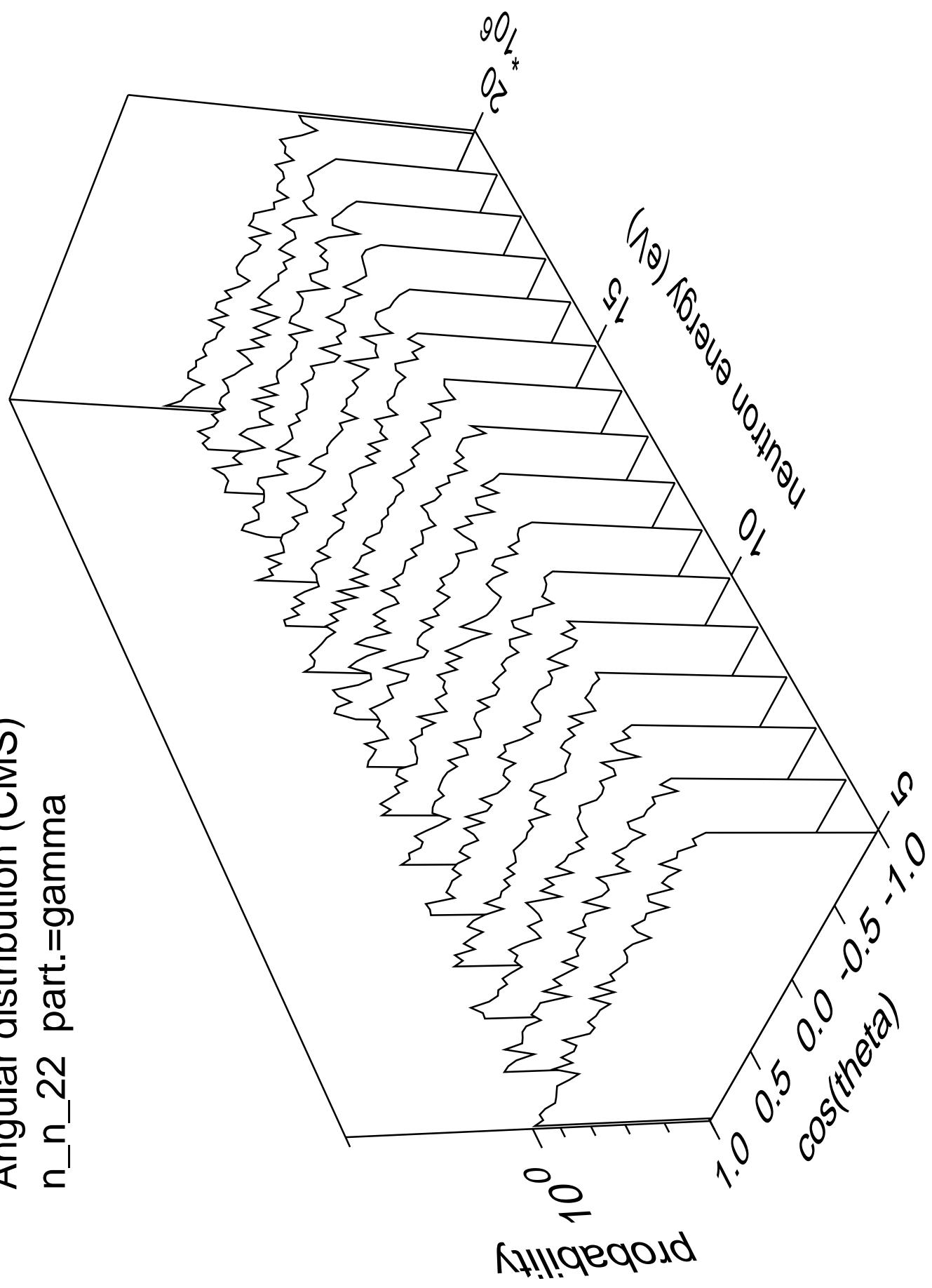
Angular distribution (CMS)  
n\_n\_21 part.=gamma



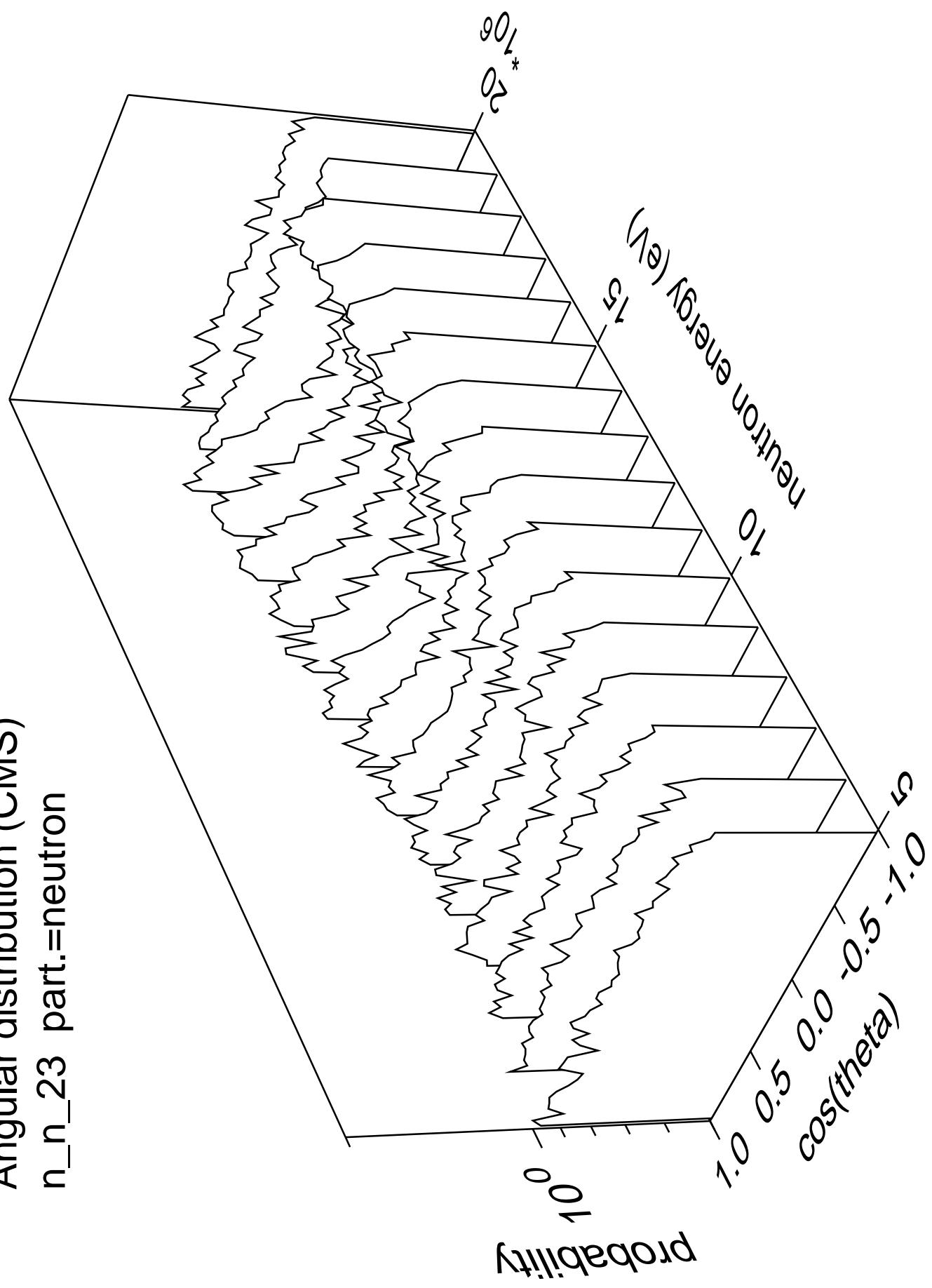
Angular distribution (CMS)  
n\_n\_22 part.=neutron



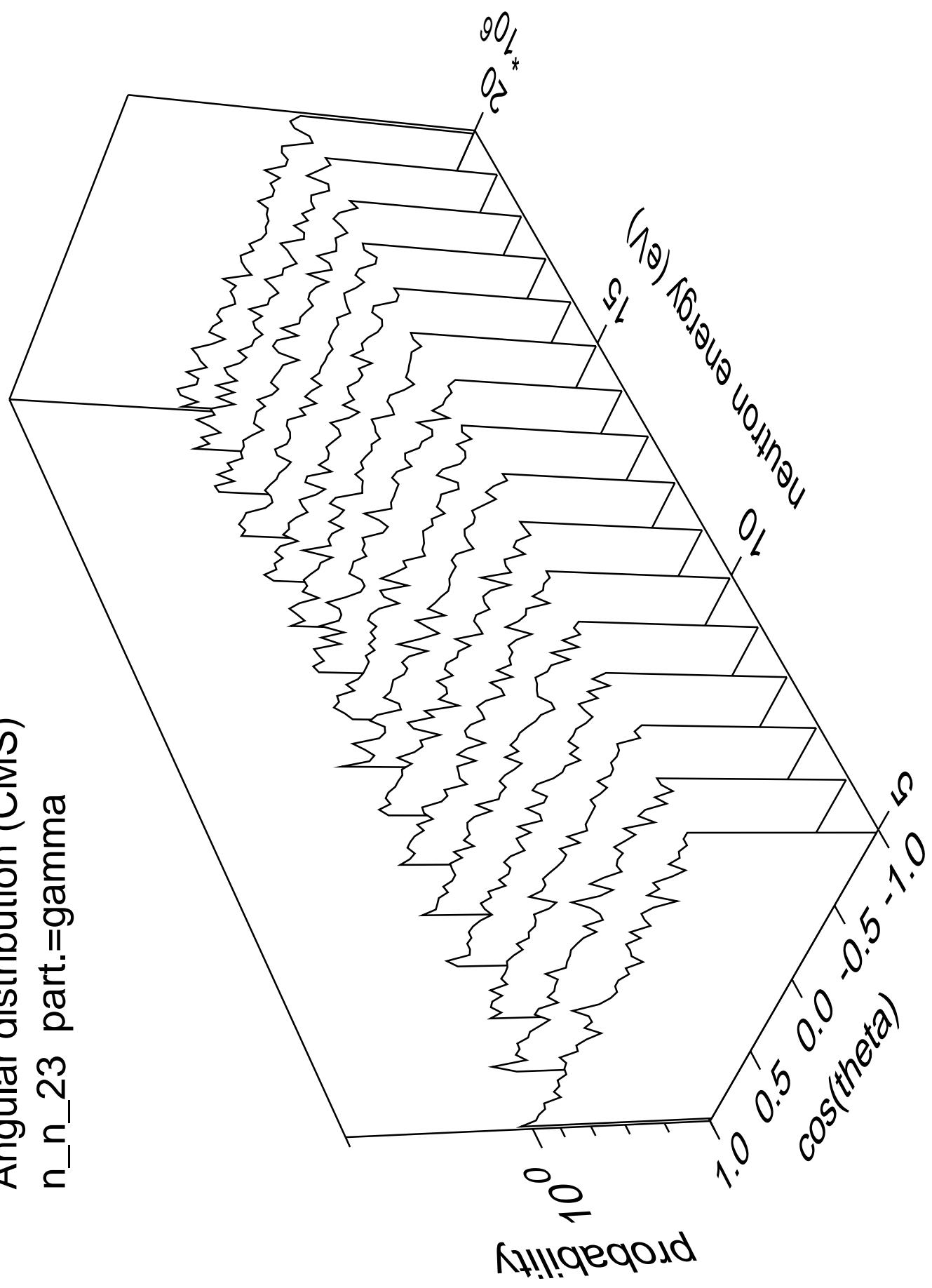
Angular distribution (CMS)  
n\_n\_22 part.=gamma



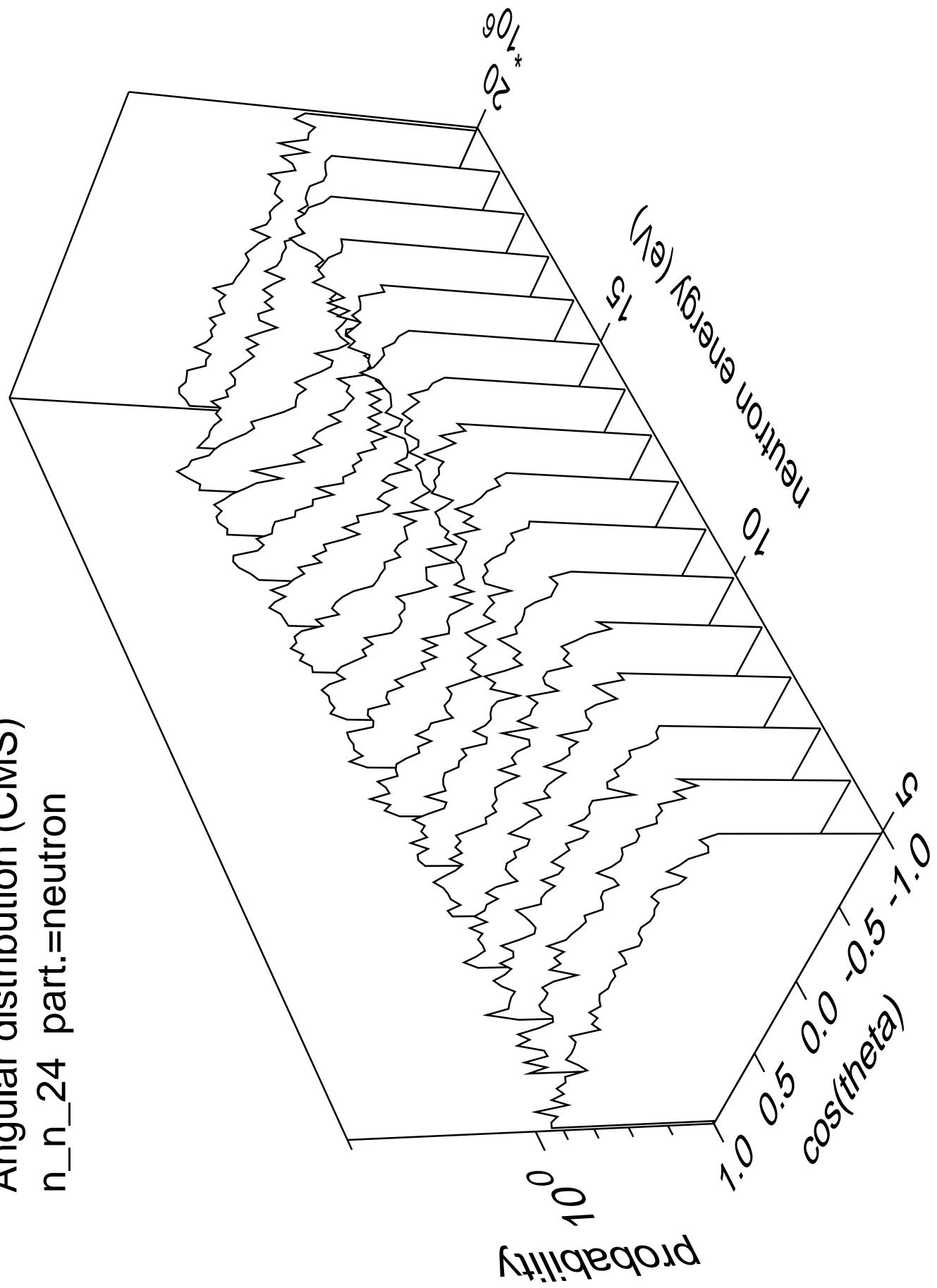
Angular distribution (CMS)  
n\_n\_23 part.=neutron



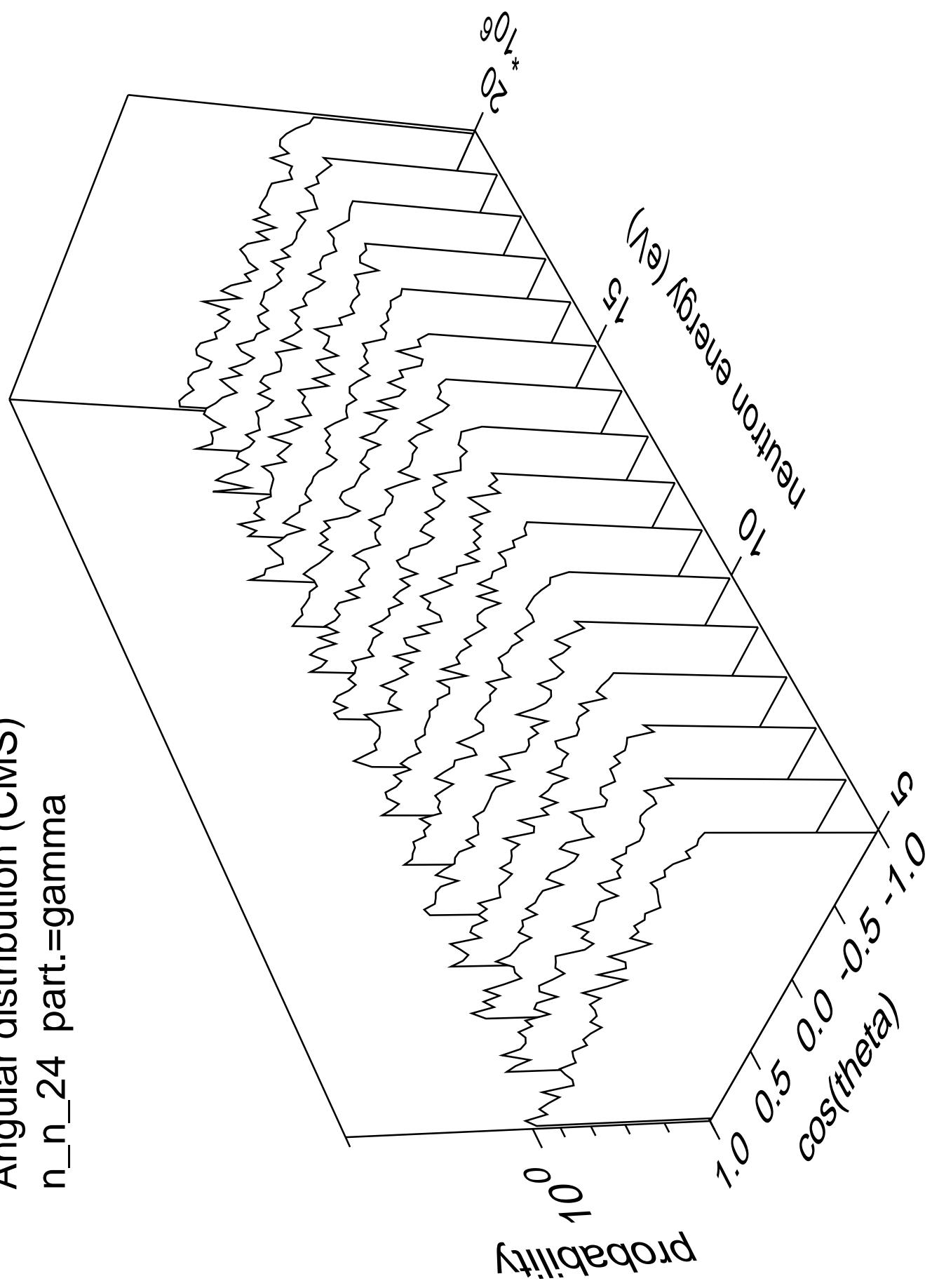
Angular distribution (CMS)  
n\_n\_23 part.=gamma



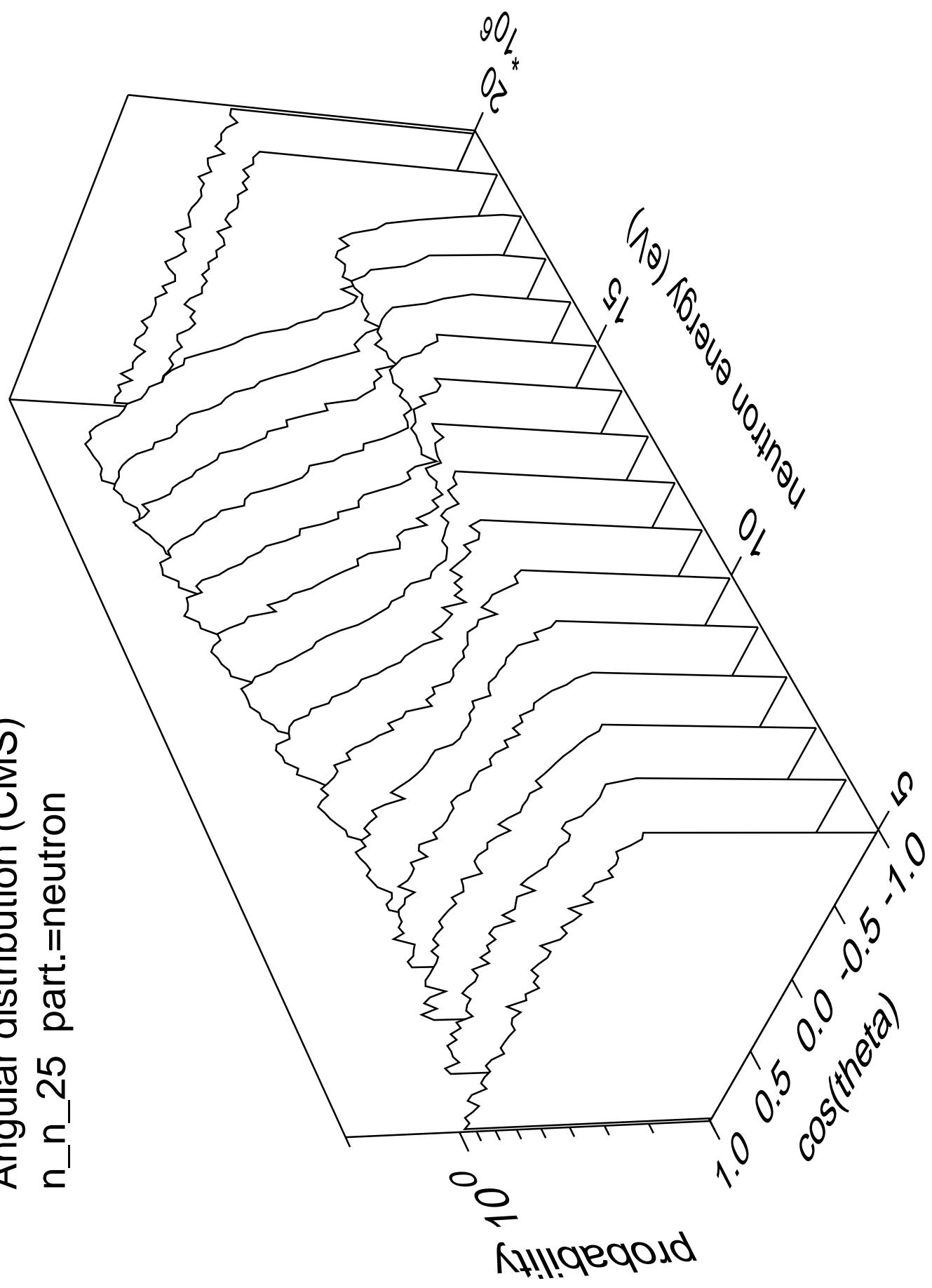
Angular distribution (CMS)  
n\_n\_24 part.=neutron



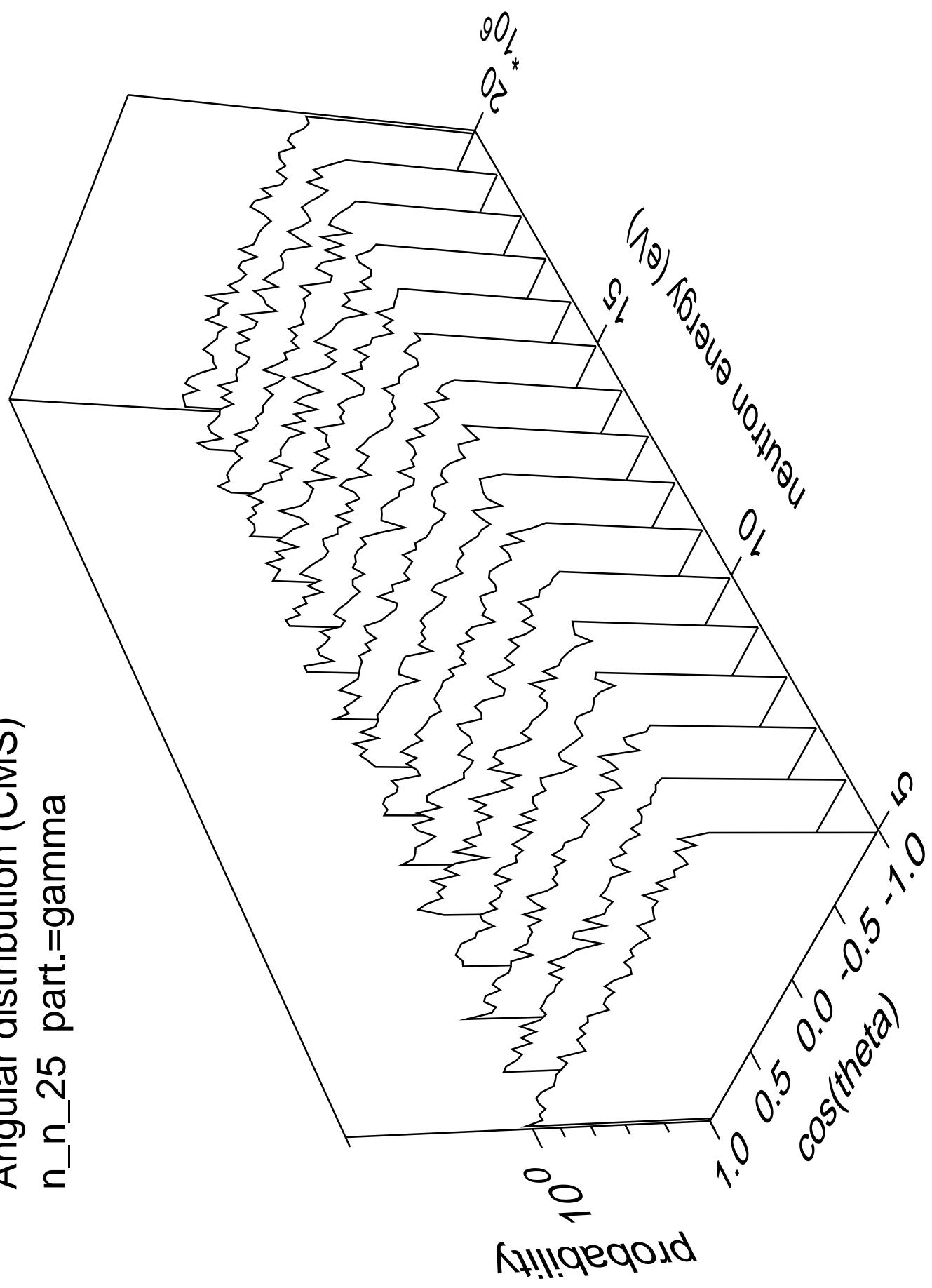
Angular distribution (CMS)  
n\_n\_24 part.=gamma



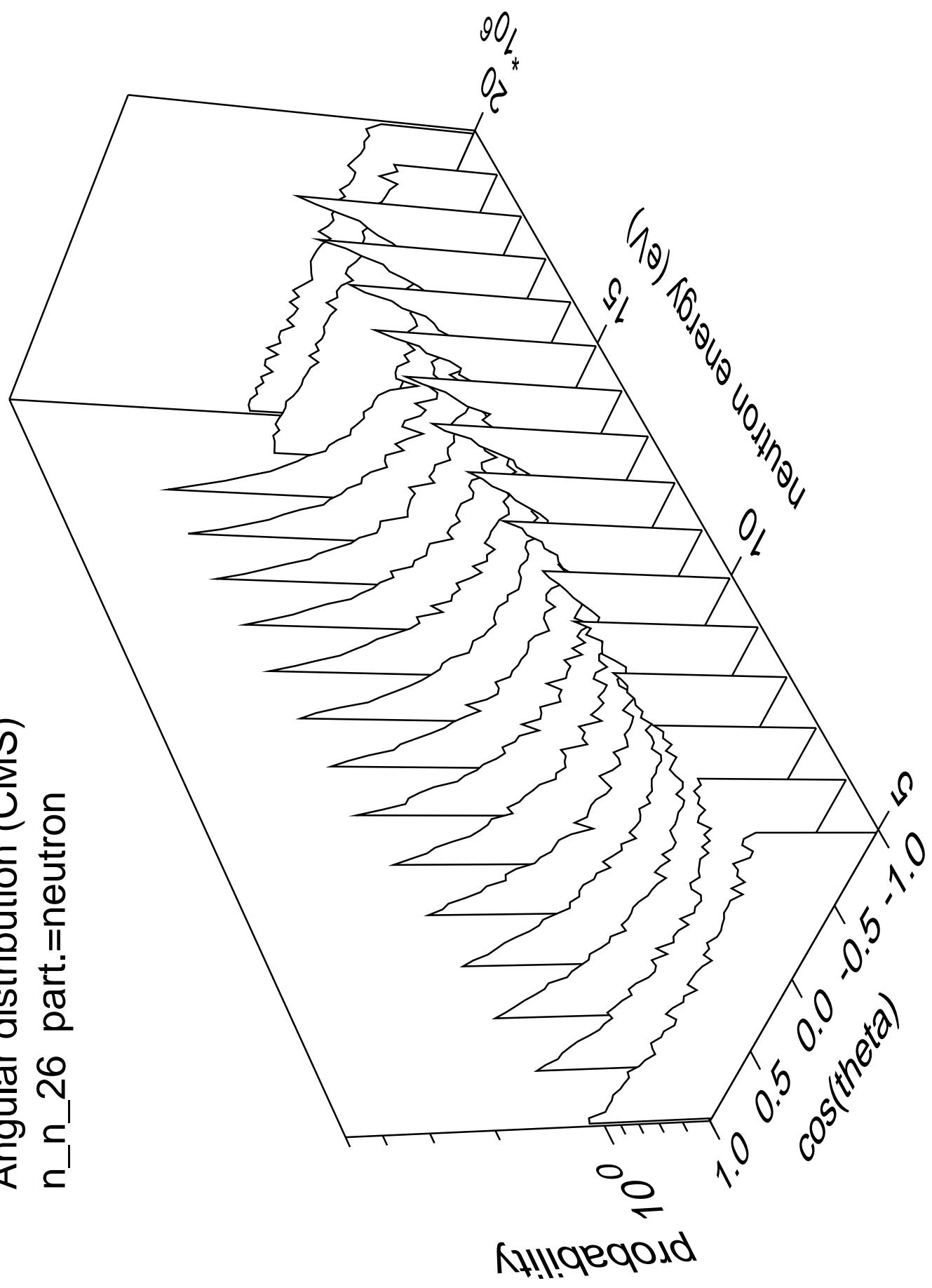
Angular distribution (CMS)  
n\_n\_25 part.=neutron



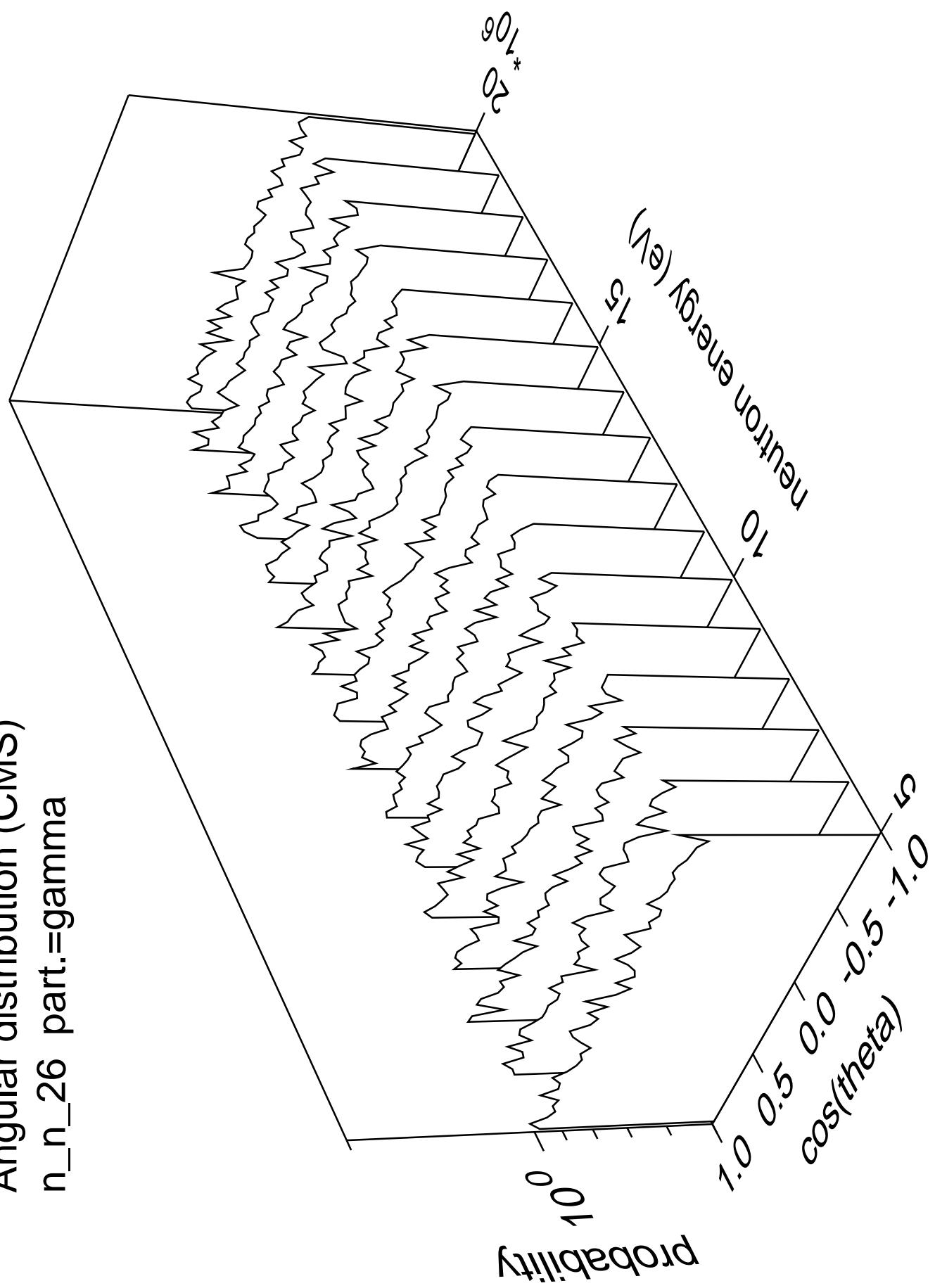
Angular distribution (CMS)  
n\_n\_25 part.=gamma



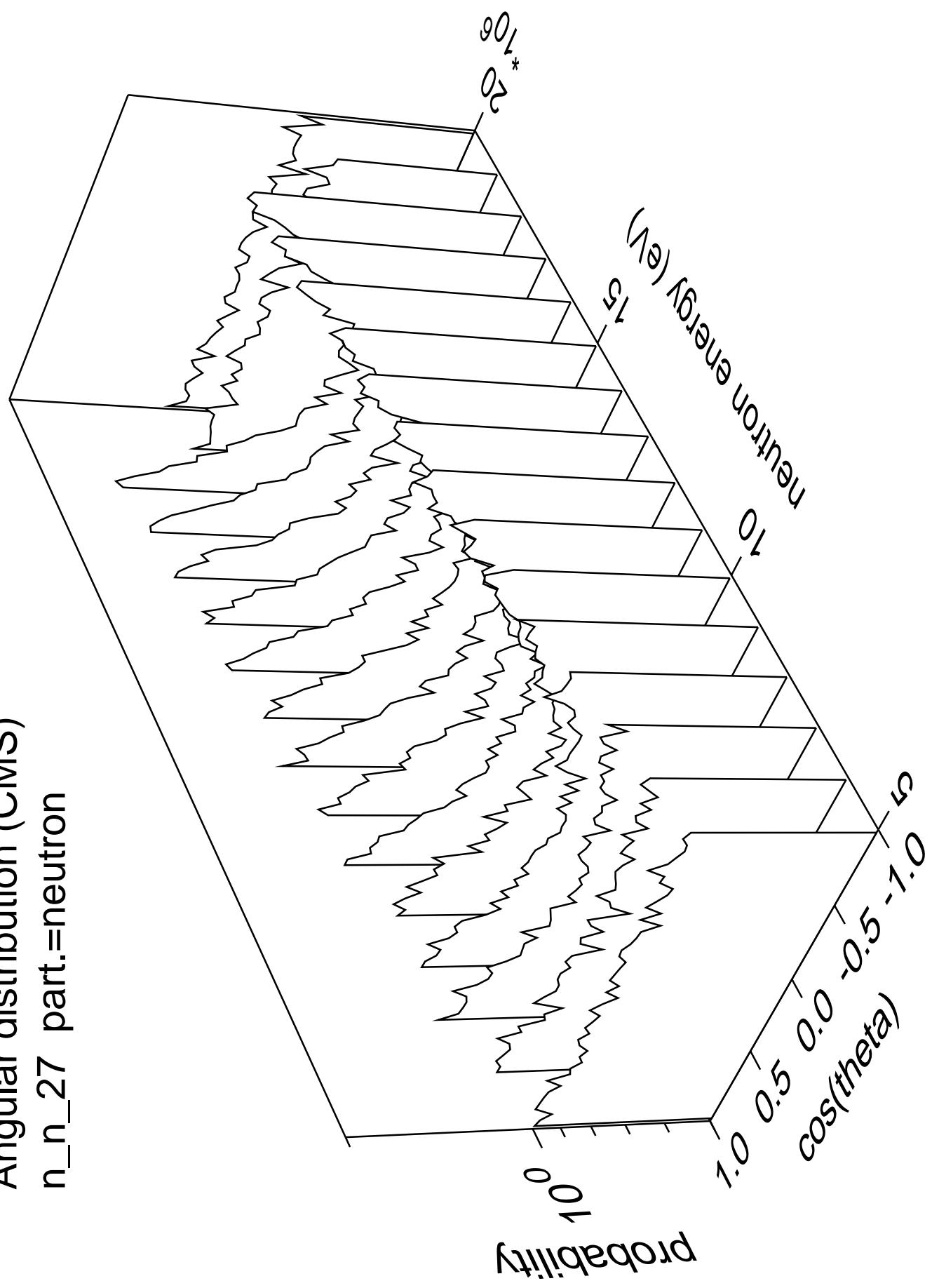
Angular distribution (CMS)  
n\_n\_26 part.=neutron



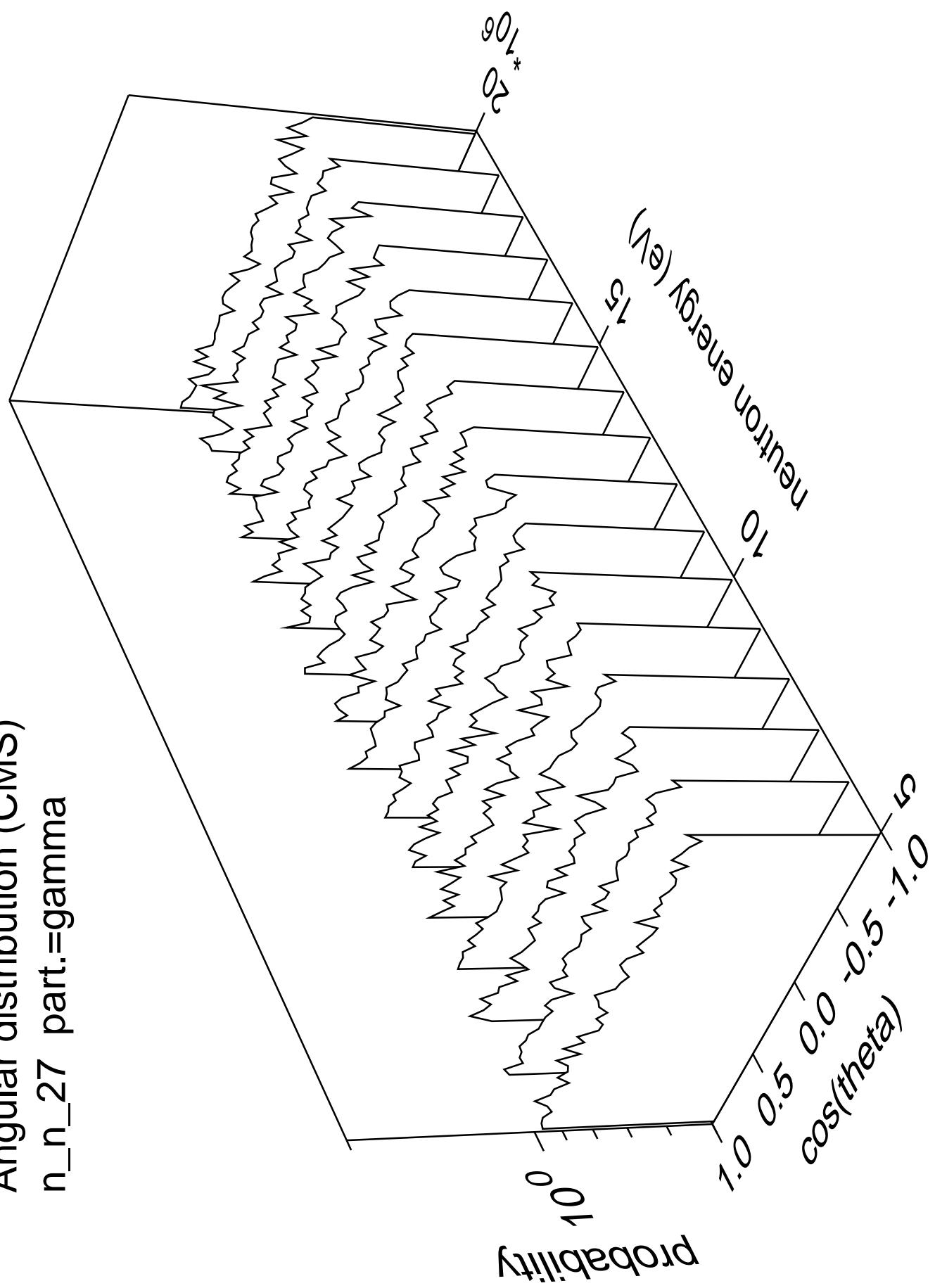
Angular distribution (CMS)  
n\_n\_26 part.=gamma



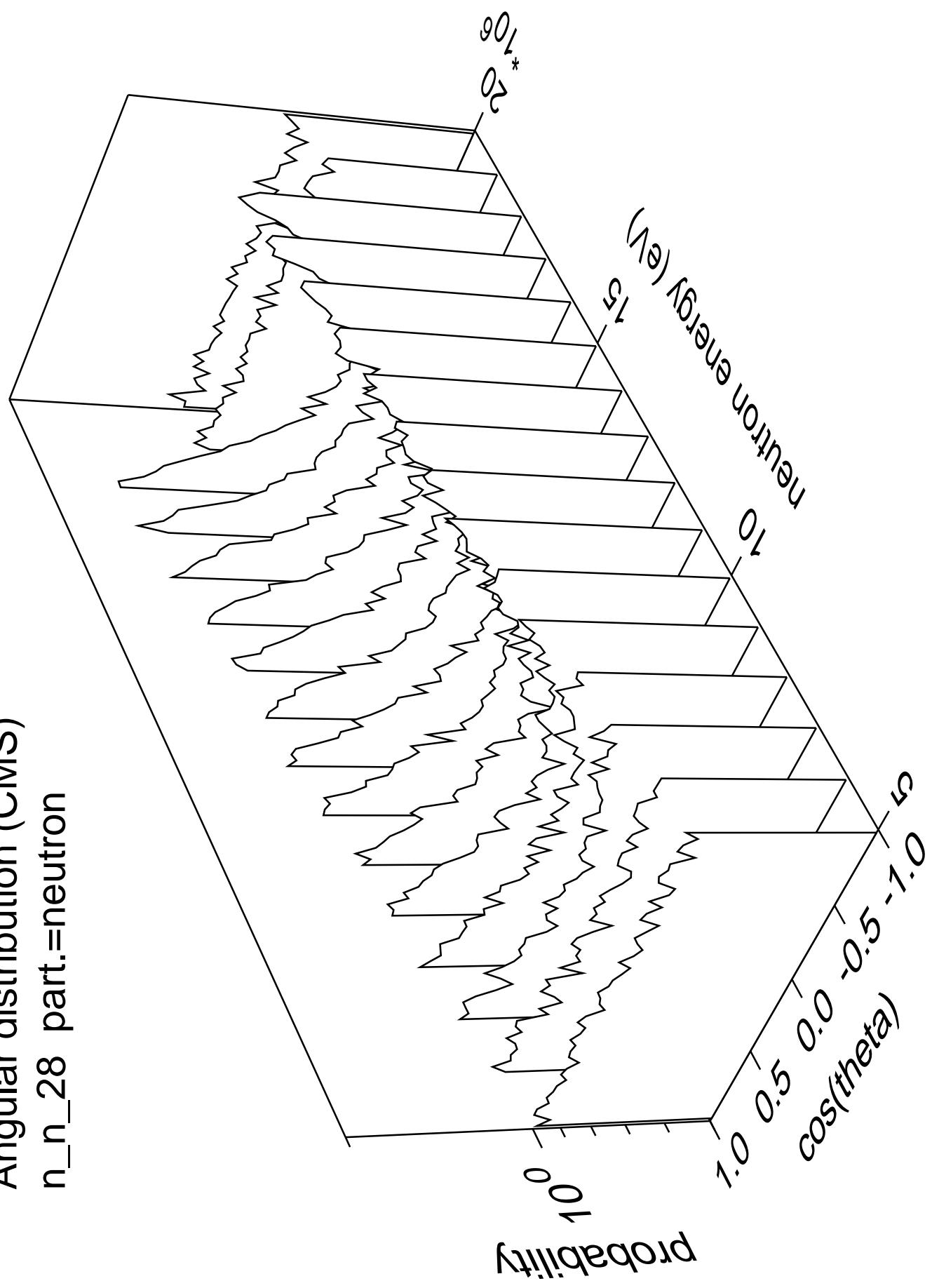
Angular distribution (CMS)  
n\_n\_27 part.=neutron



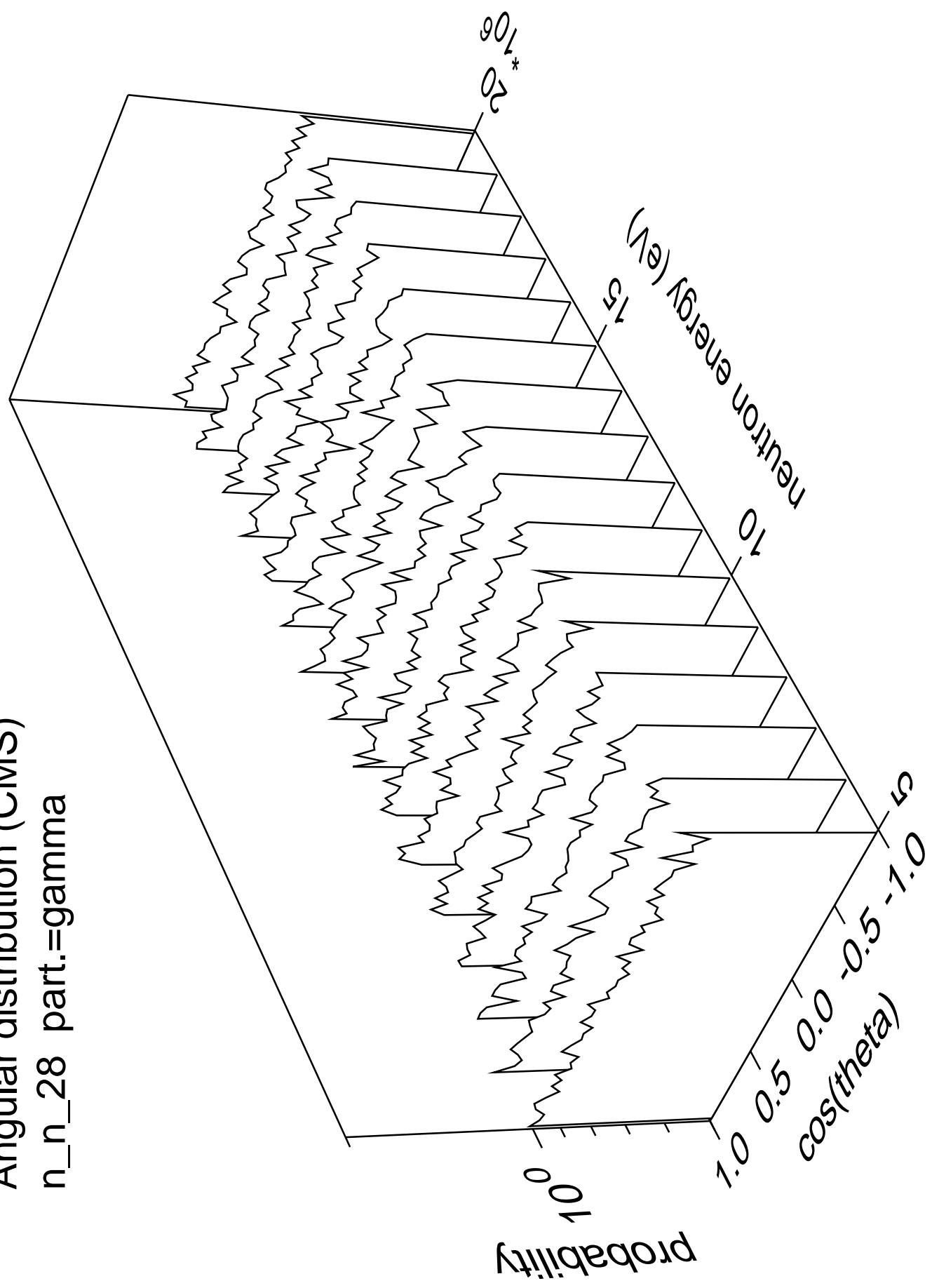
Angular distribution (CMS)  
n\_n\_27 part.=gamma



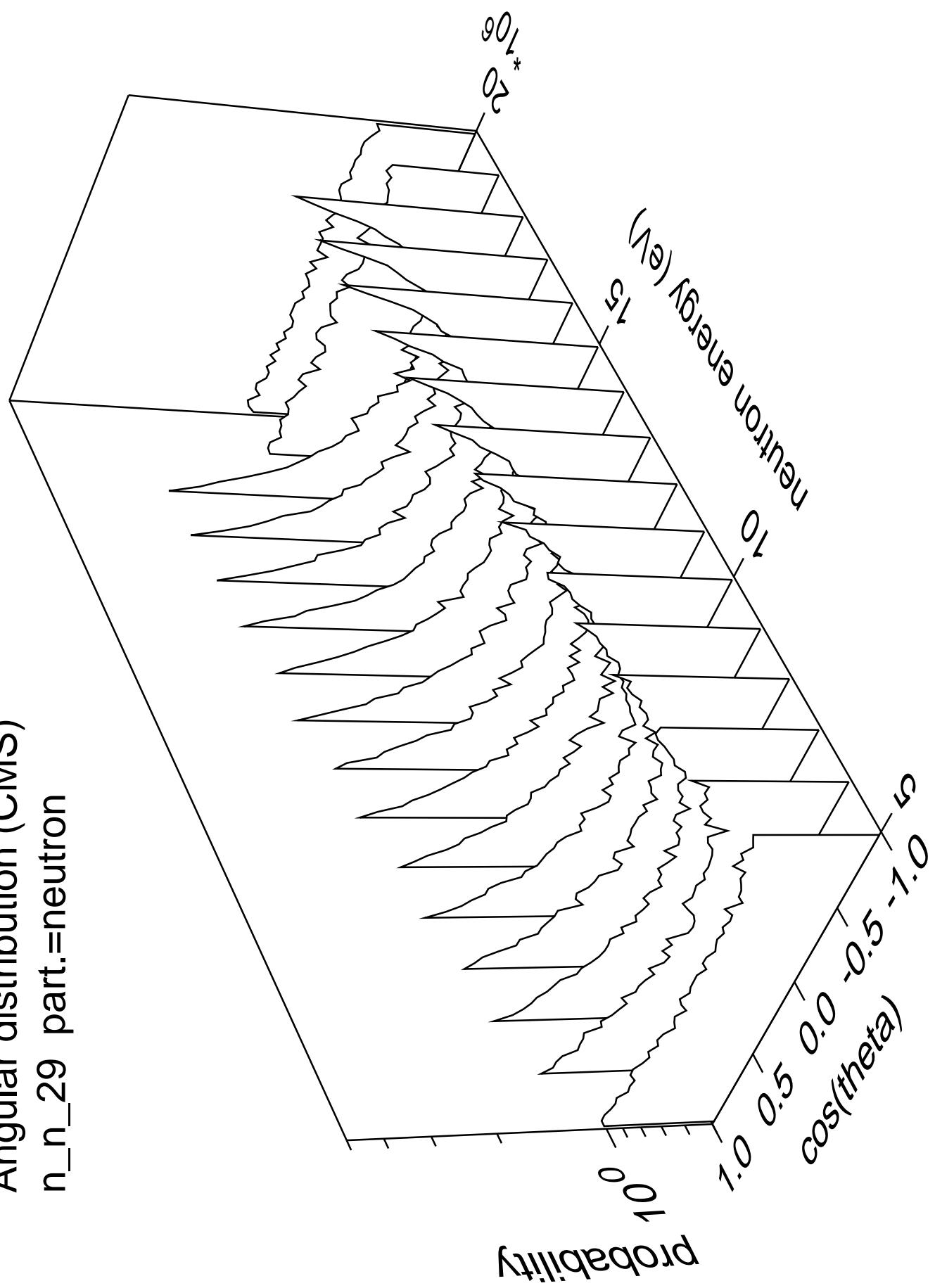
Angular distribution (CMS)  
n\_n\_28 part.=neutron



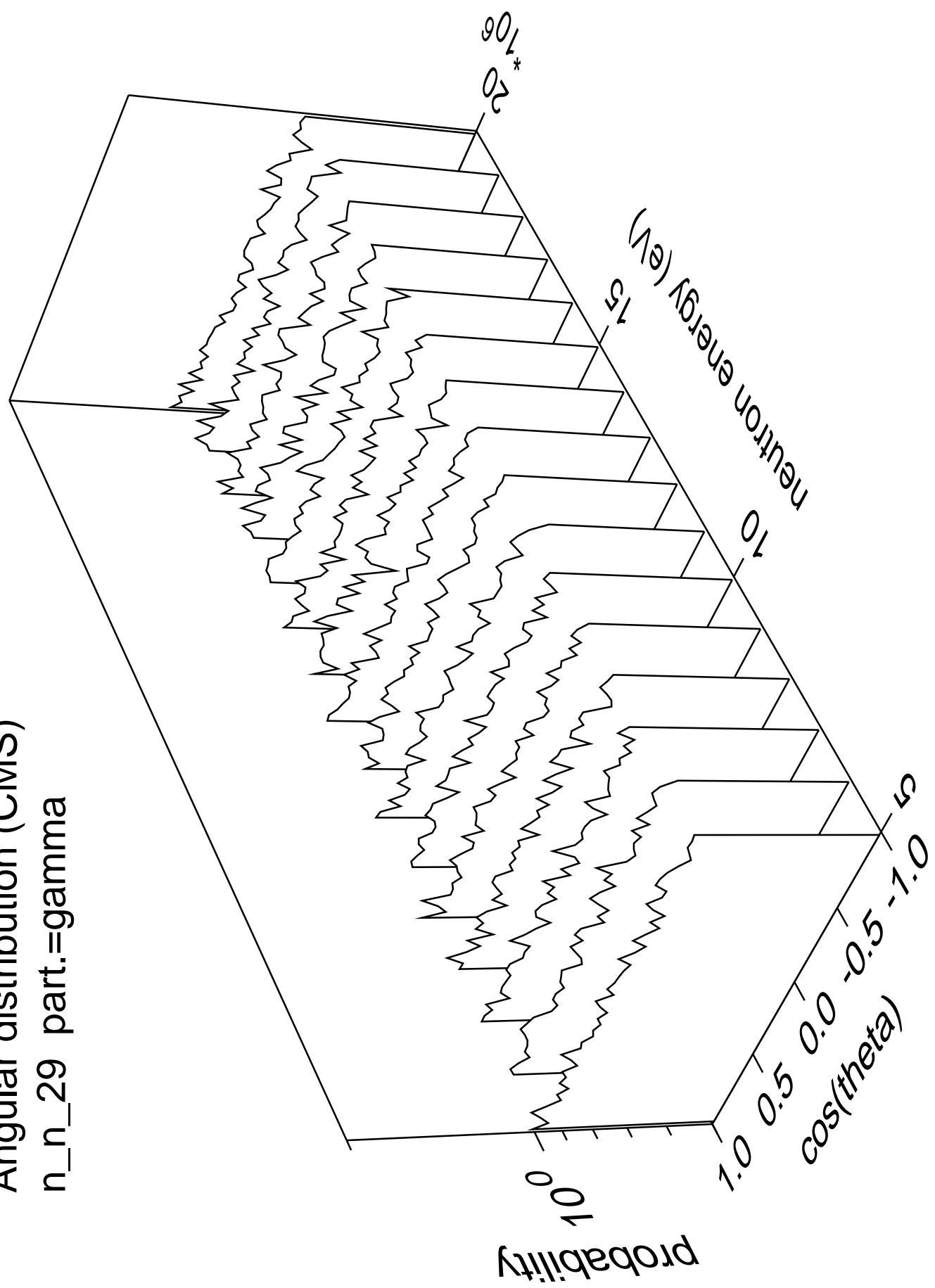
Angular distribution (CMS)  
n\_n\_28 part.=gamma

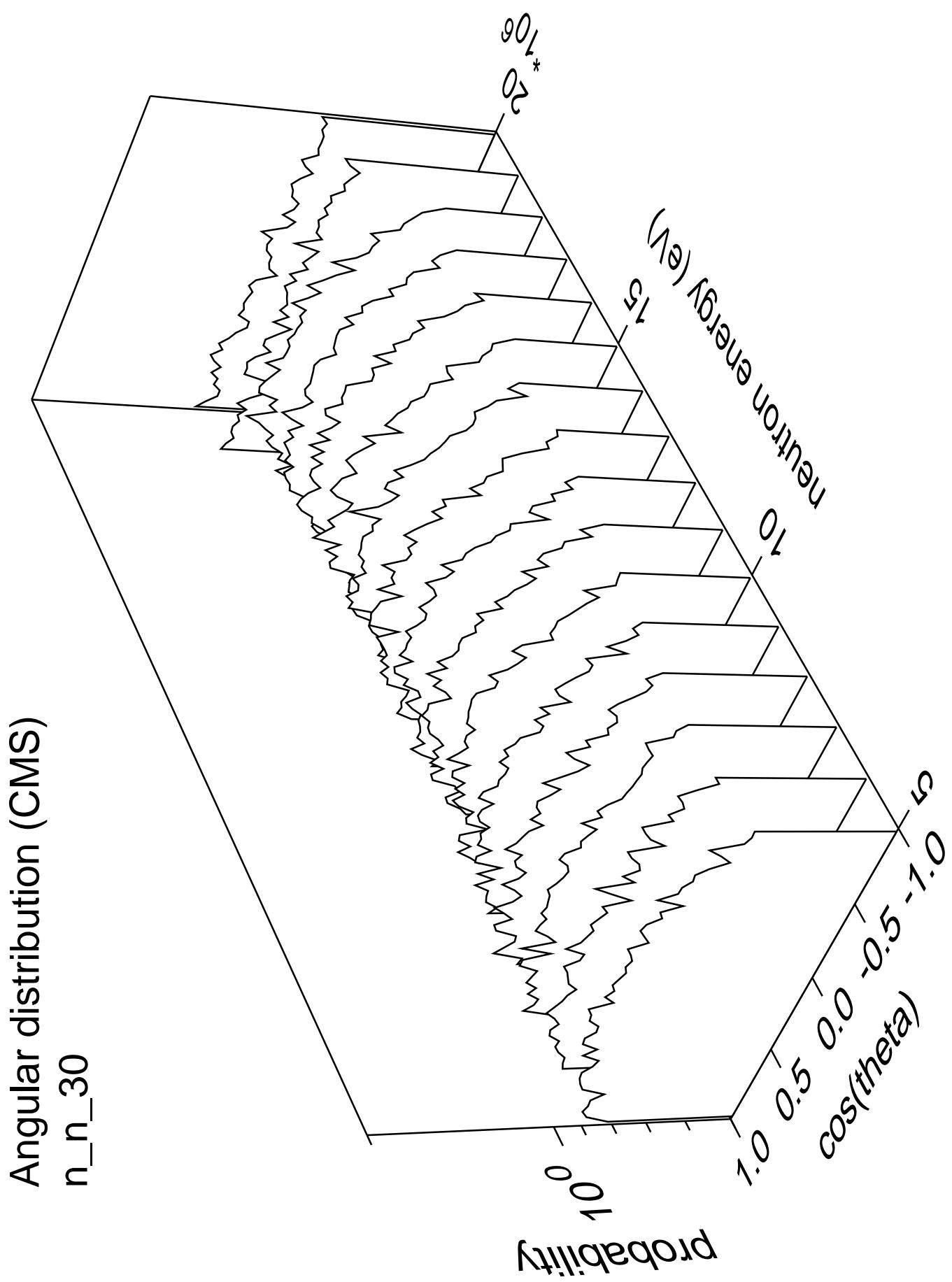


Angular distribution (CMS)  
n\_n\_29 part.=neutron

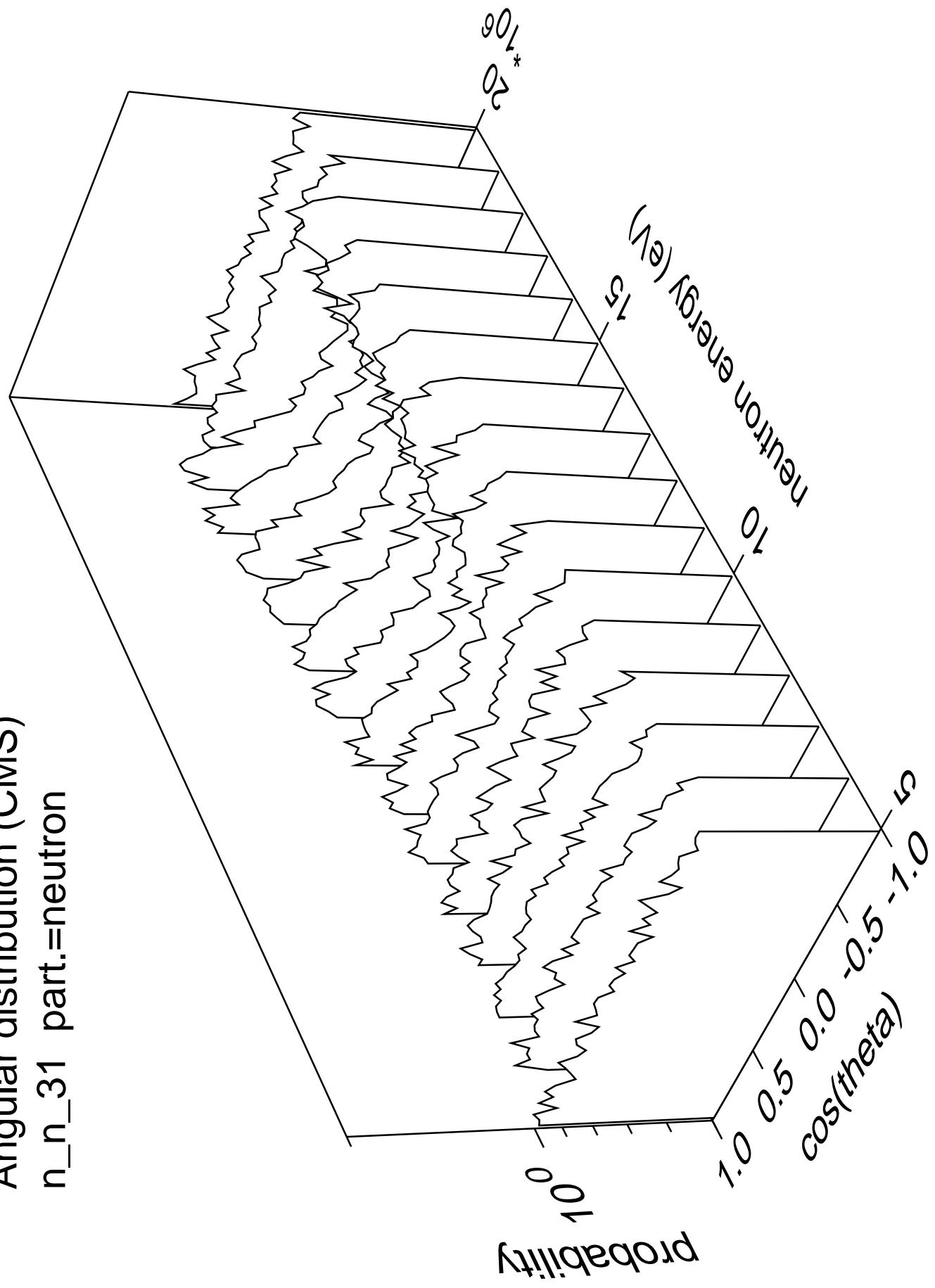


Angular distribution (CMS)  
n\_n\_29 part.=gamma

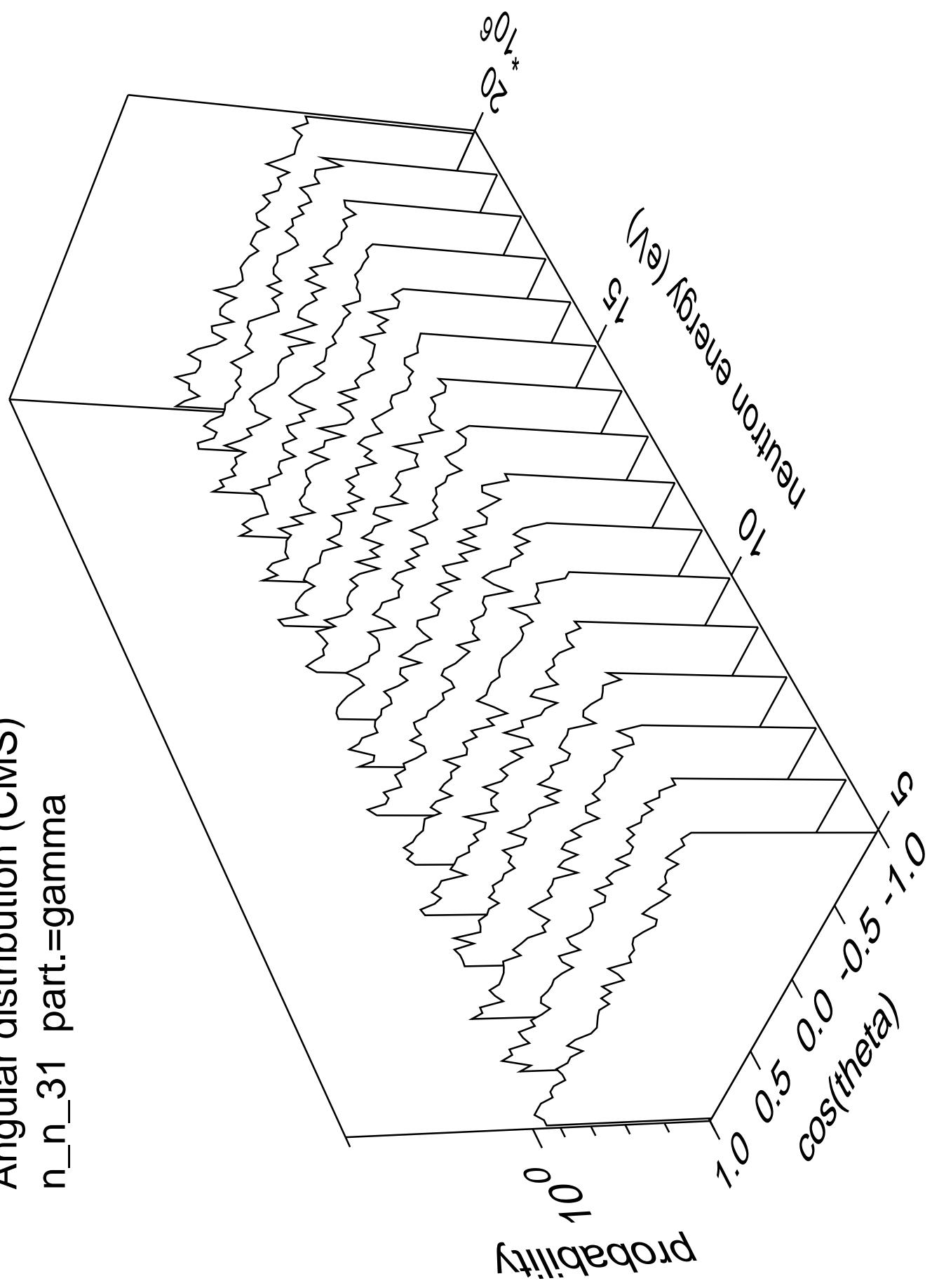


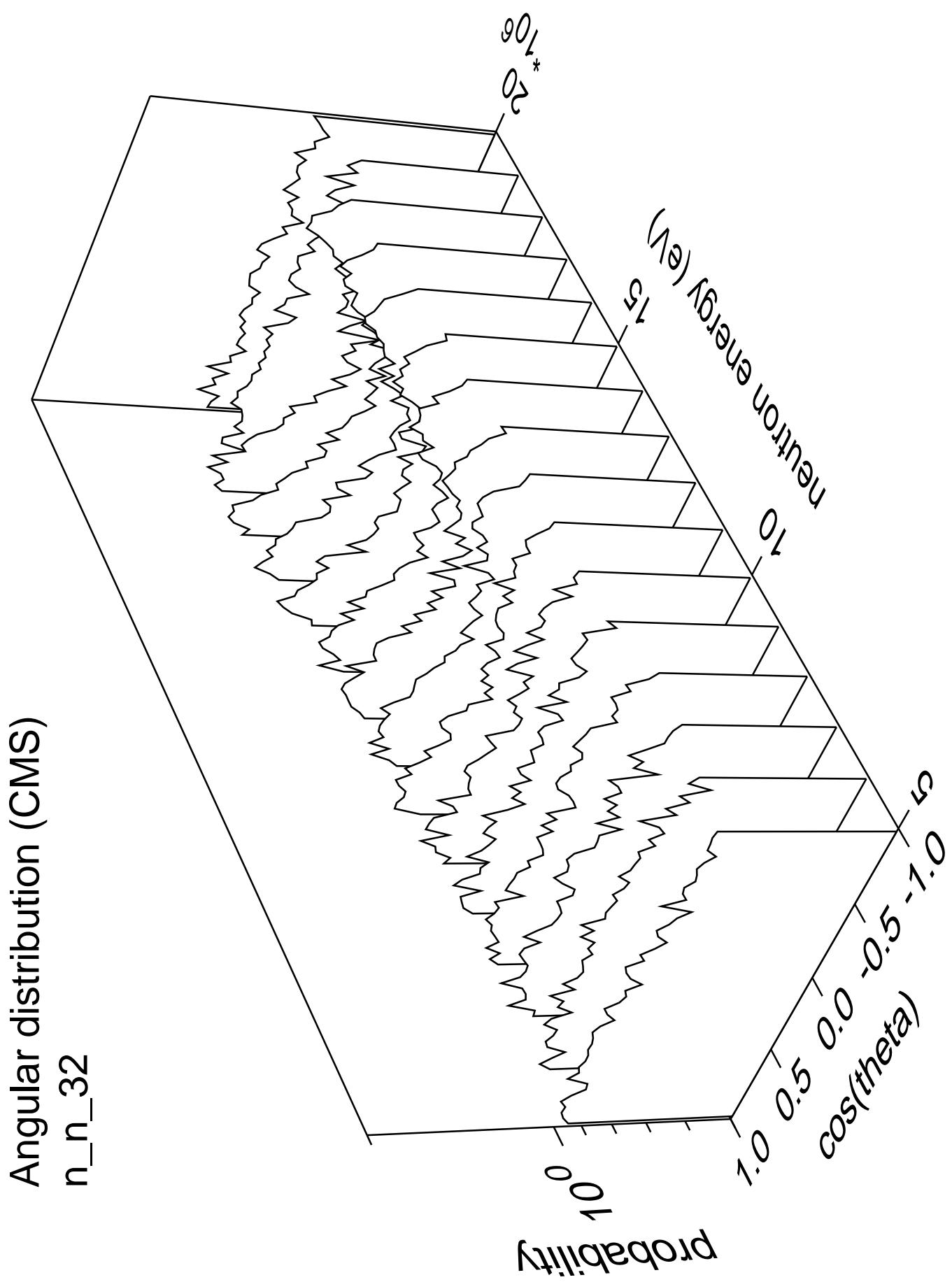


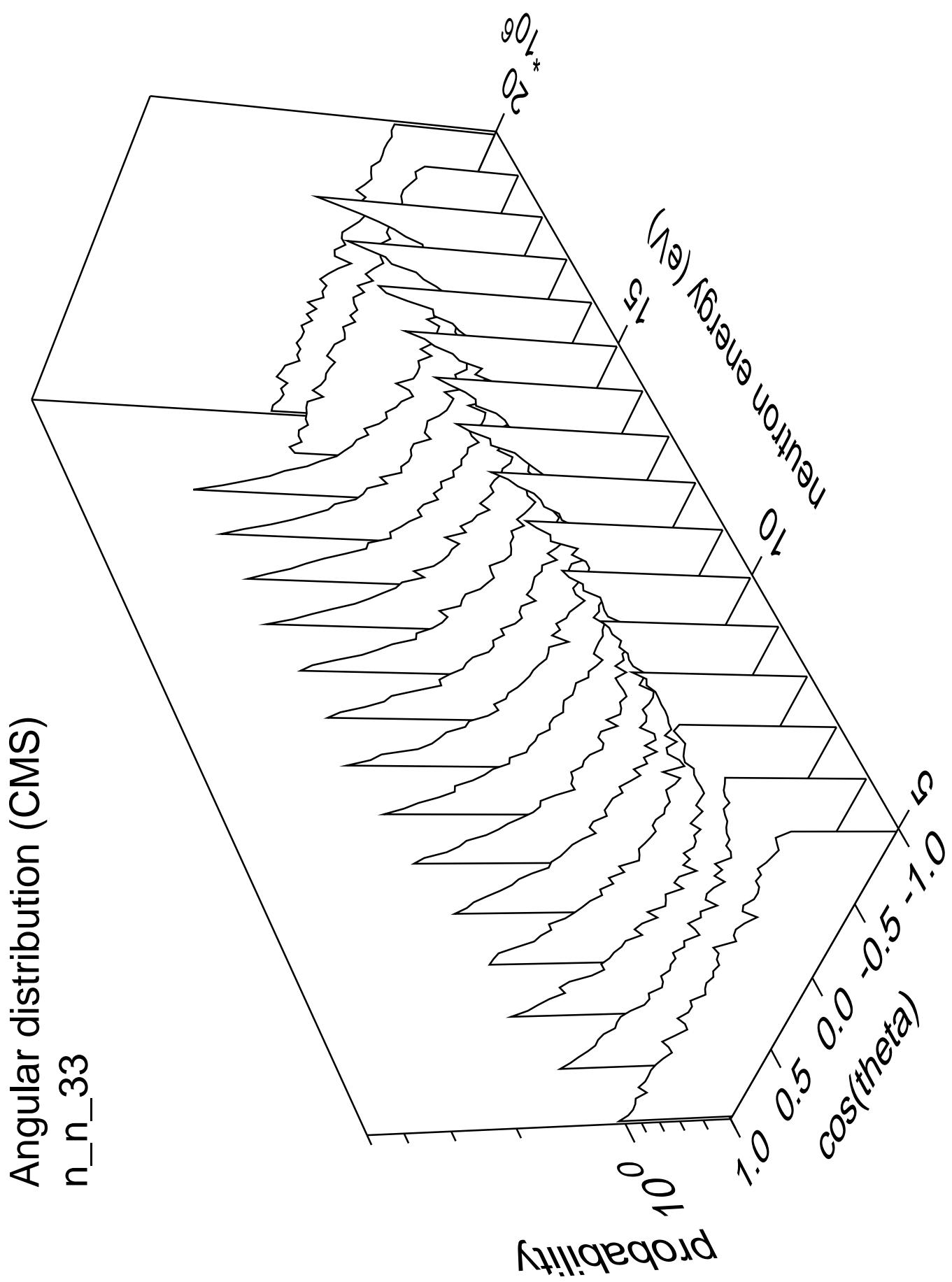
Angular distribution (CMS)  
n\_n\_31 part.=neutron



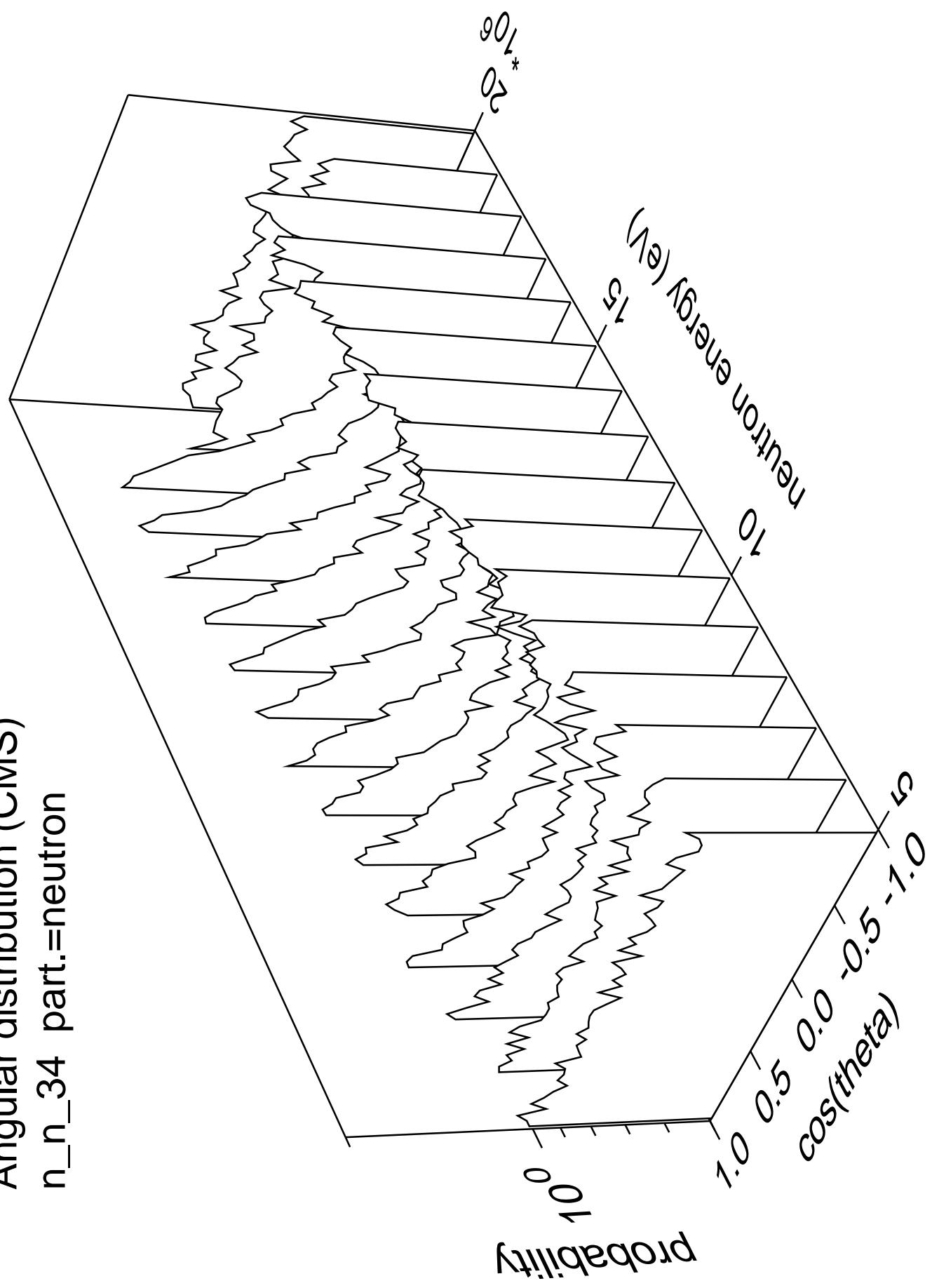
Angular distribution (CMS)  
n\_n\_31 part.=gamma



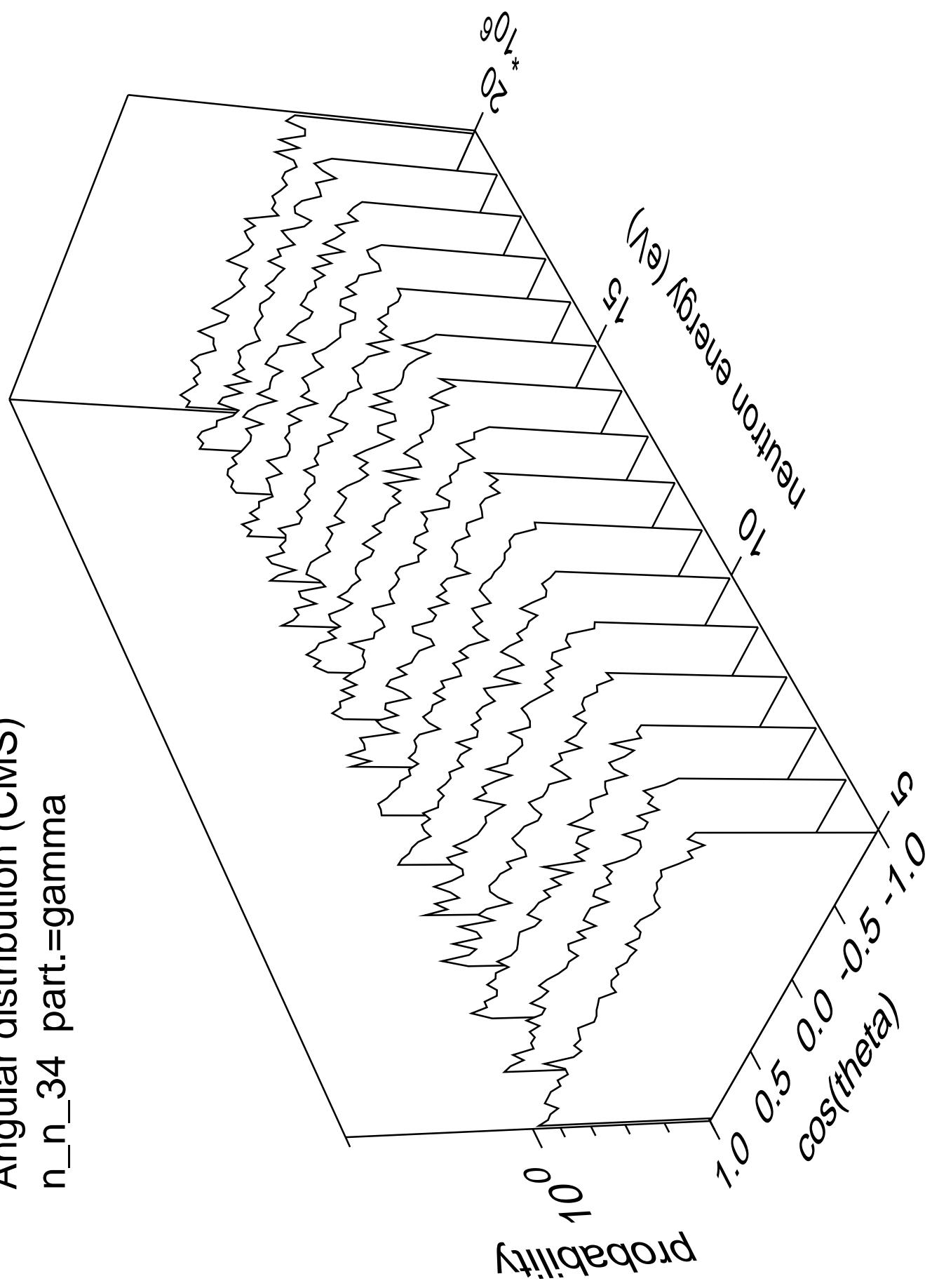




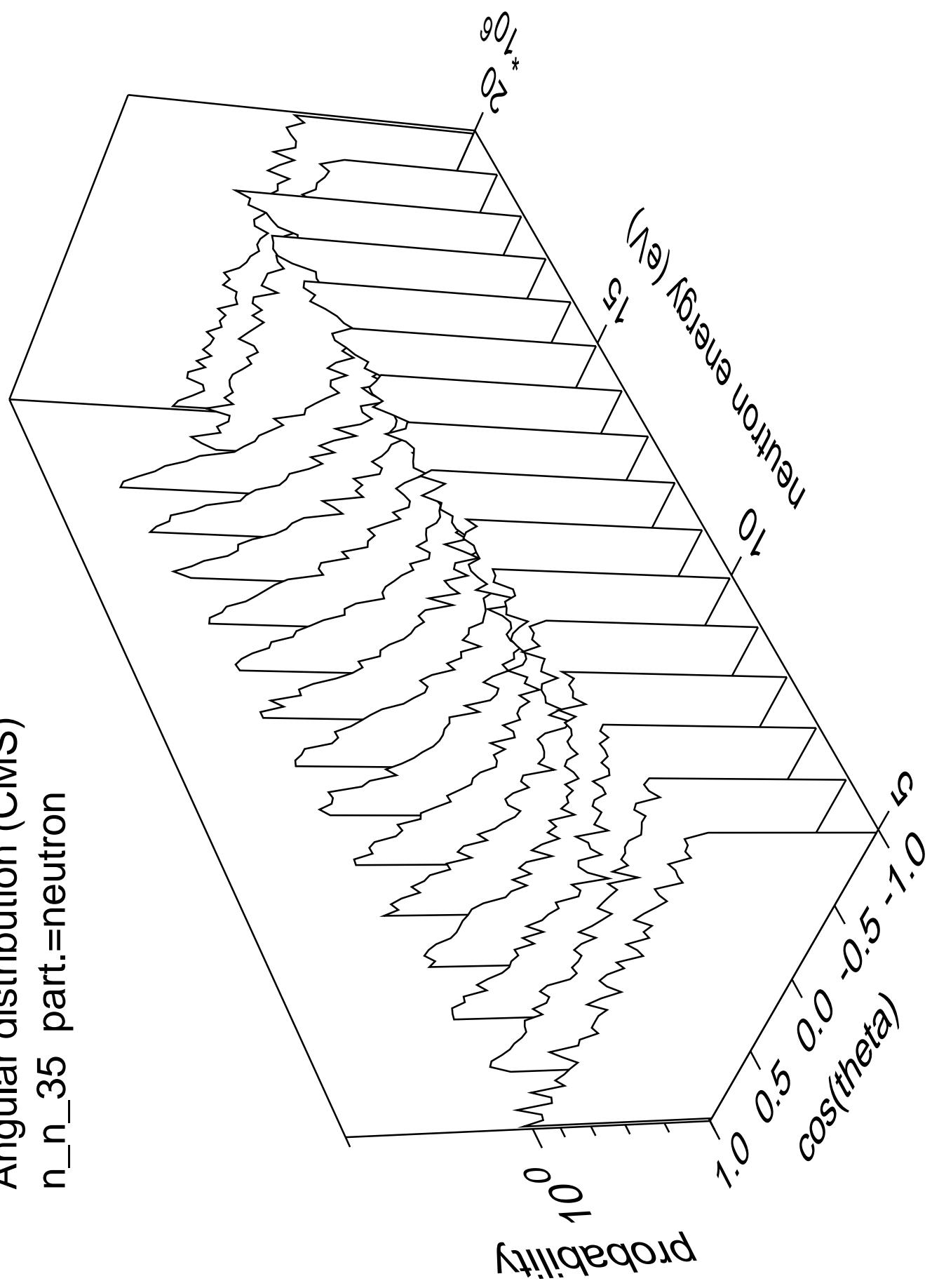
Angular distribution (CMS)  
n\_n\_34 part.=neutron



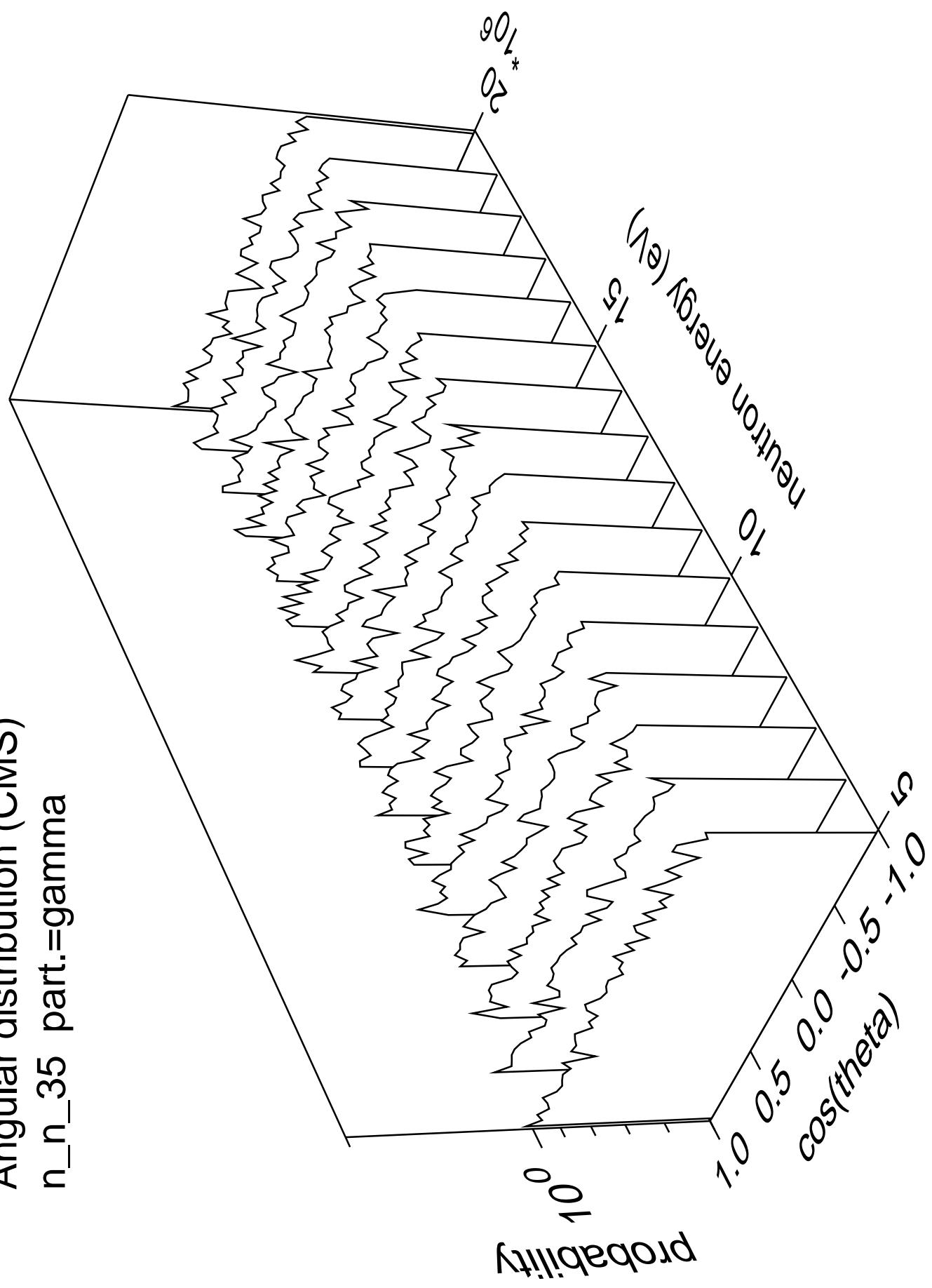
Angular distribution (CMS)  
n\_n\_34 part.=gamma

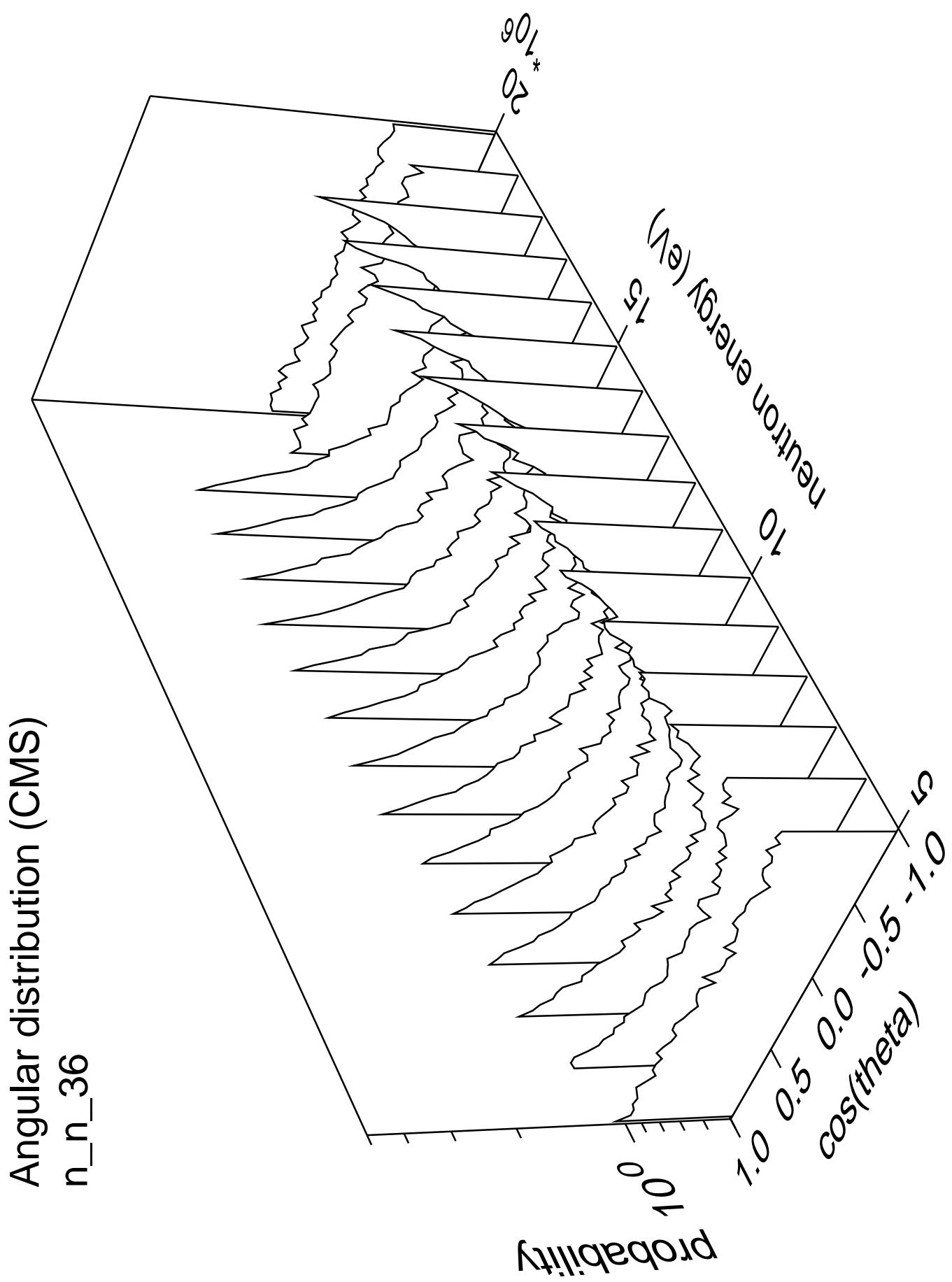


Angular distribution (CMS)  
n\_n\_35 part.=neutron

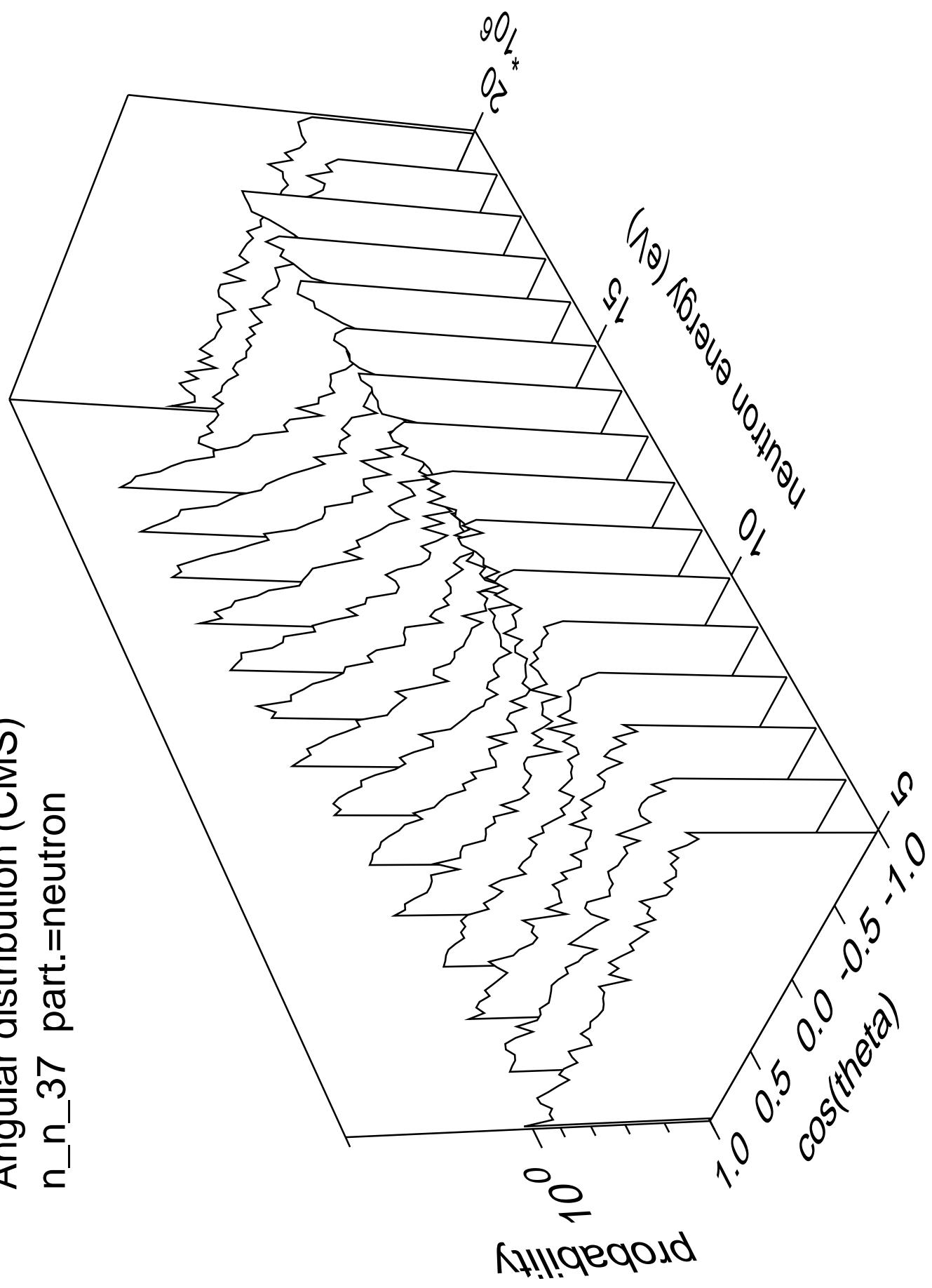


Angular distribution (CMS)  
n\_n\_35 part.=gamma

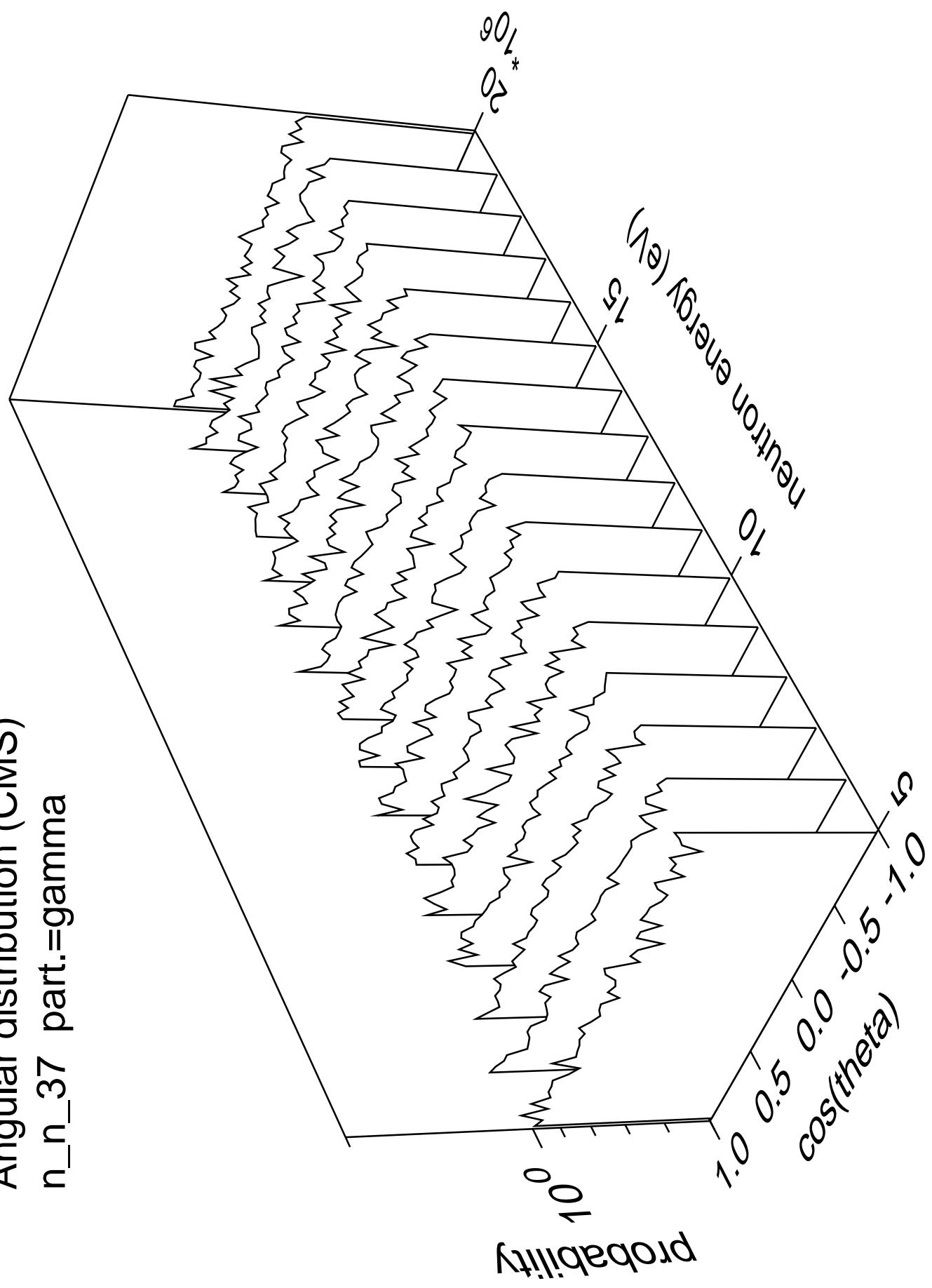




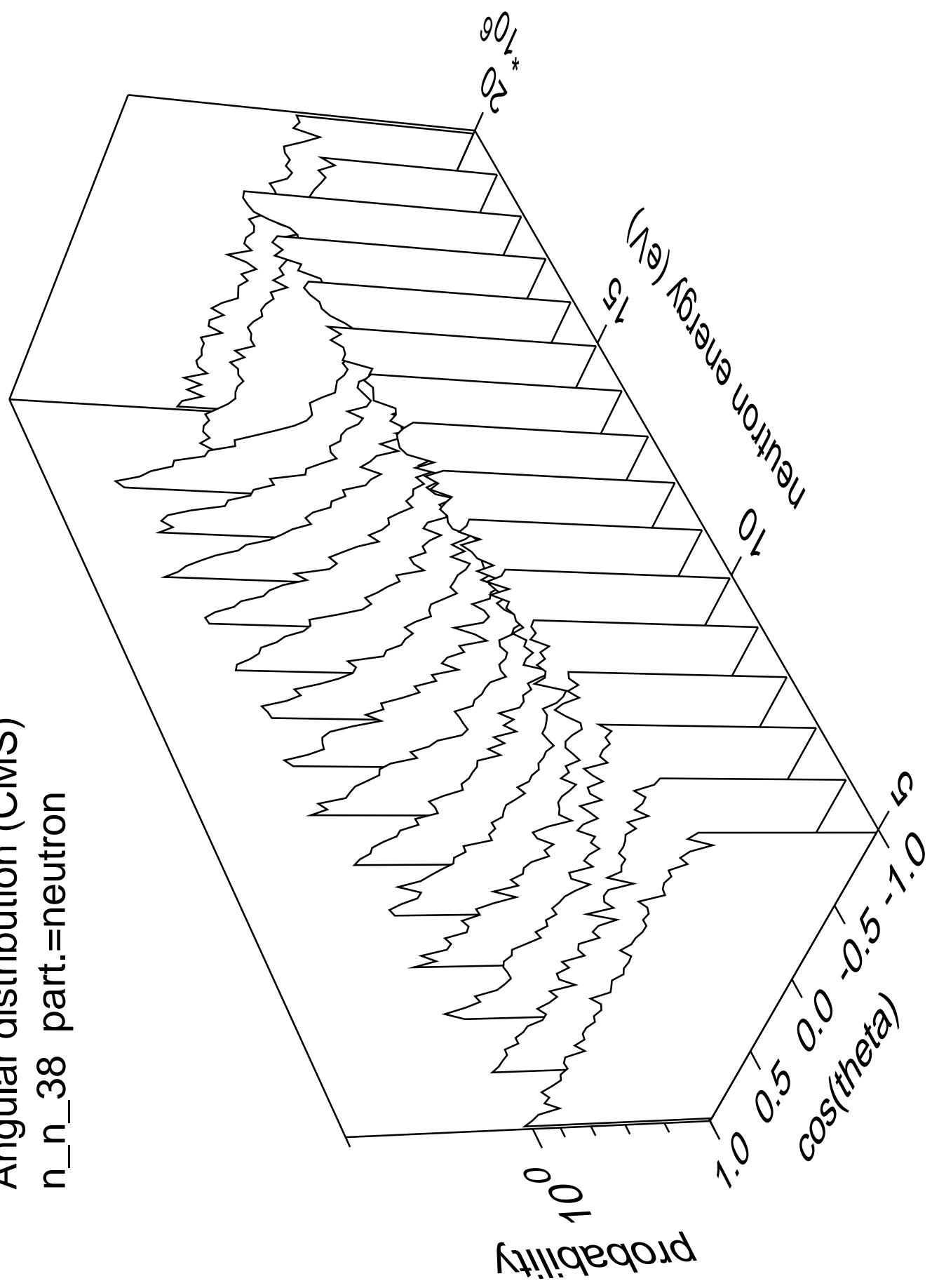
Angular distribution (CMS)  
n\_n\_37 part.=neutron



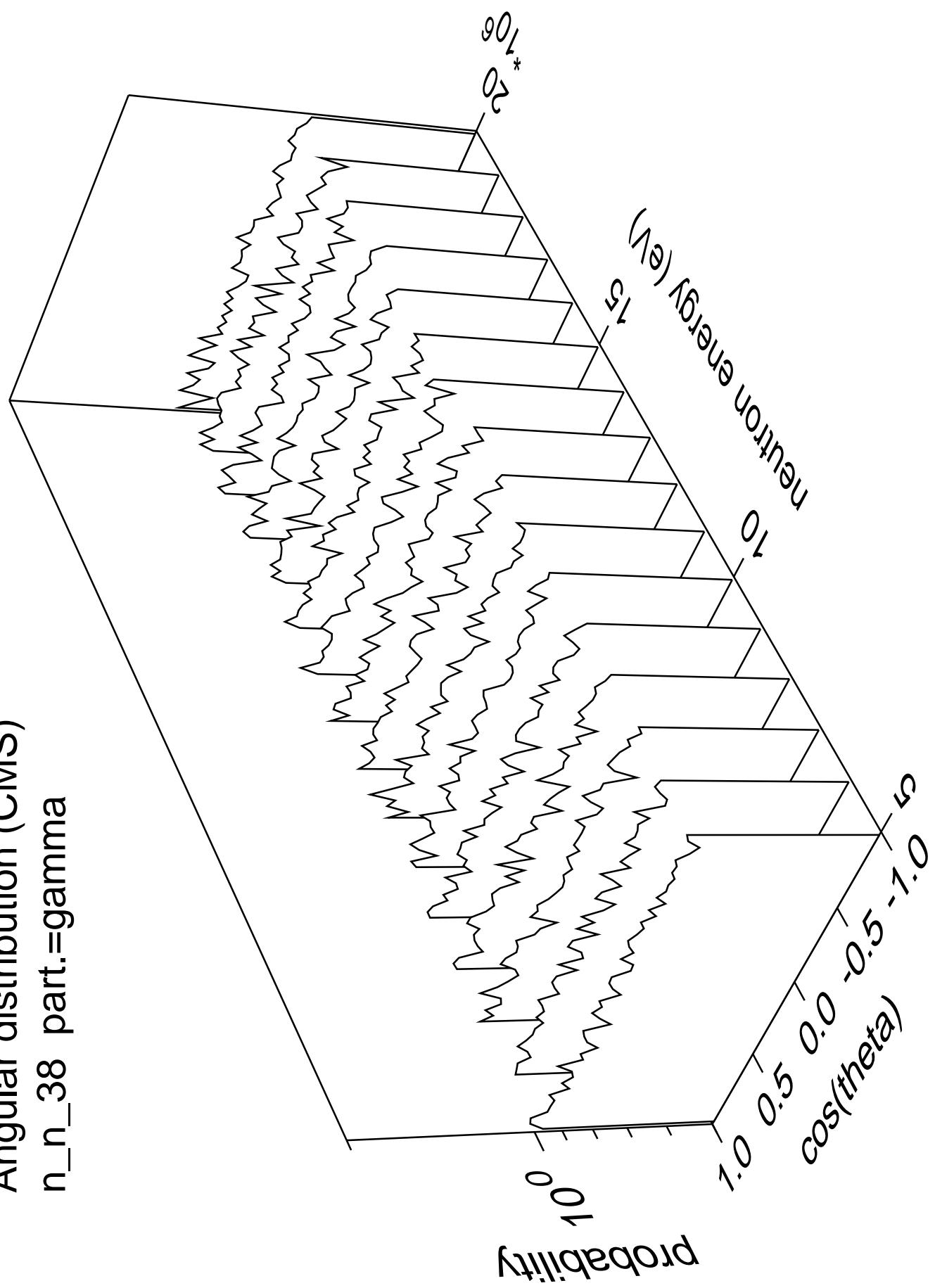
Angular distribution (CMS)  
n\_n\_37 part.=gamma



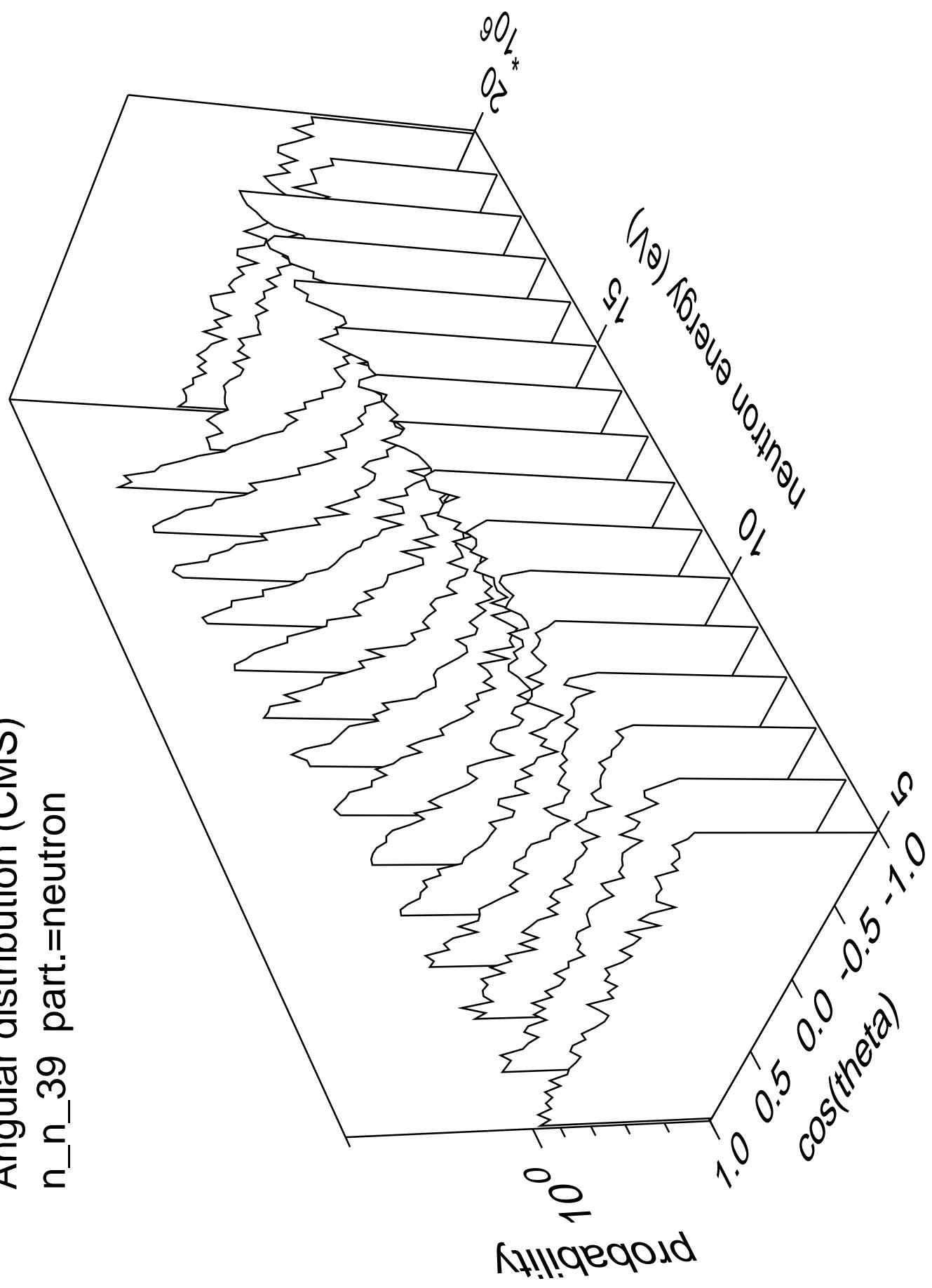
Angular distribution (CMS)  
n\_n\_38 part.=neutron



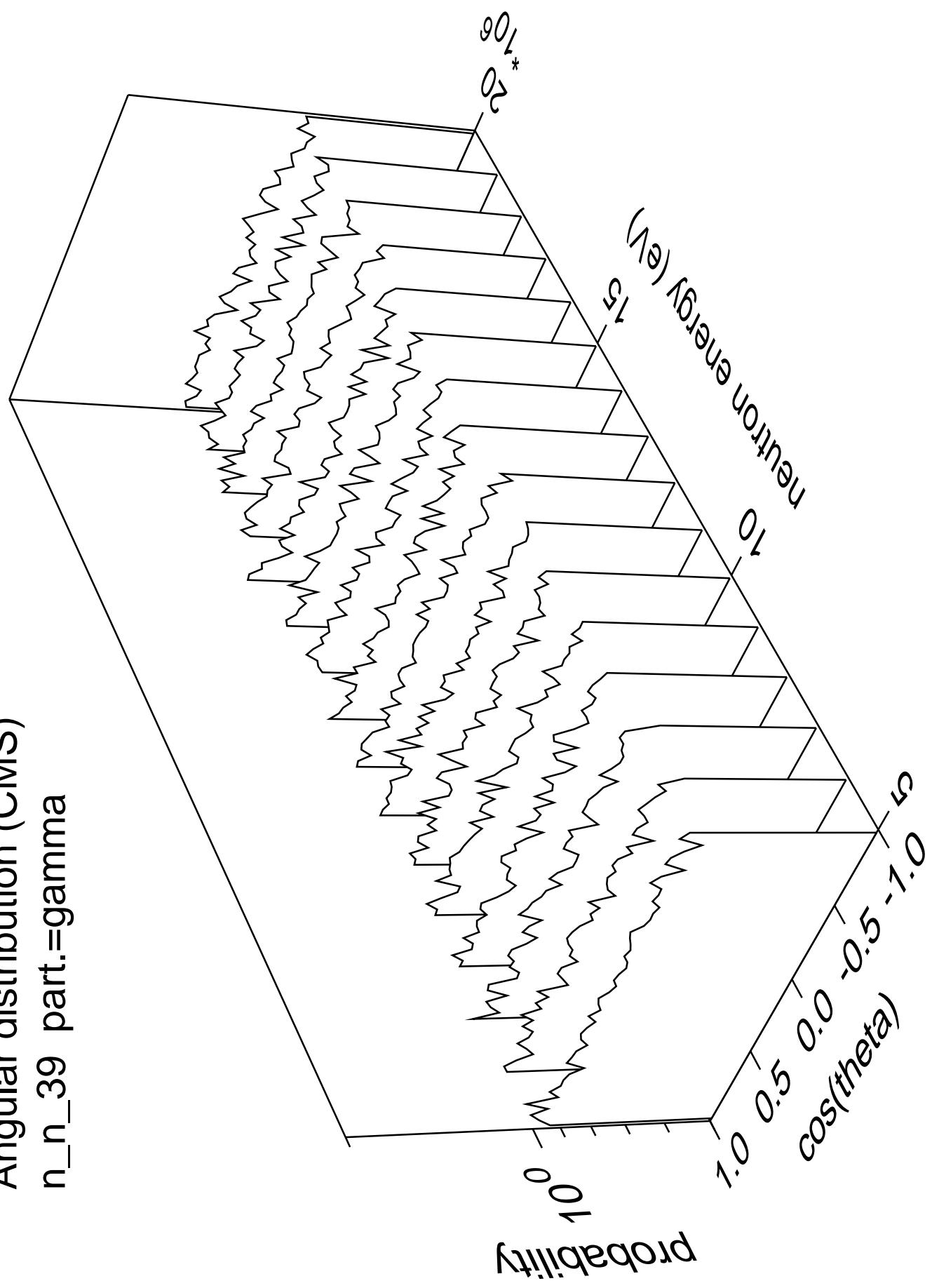
Angular distribution (CMS)  
n\_n\_38 part.=gamma

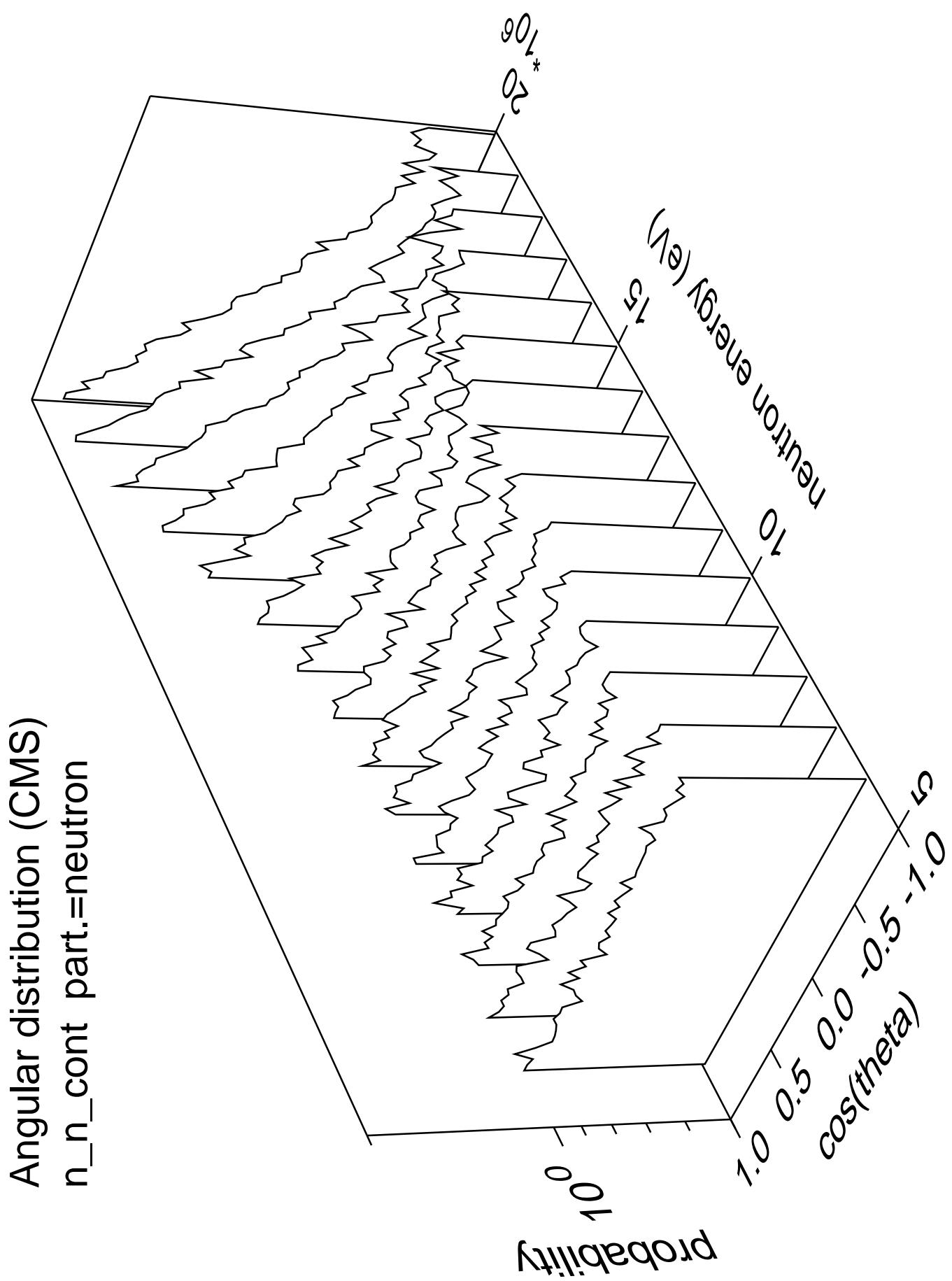


Angular distribution (CMS)  
n\_n\_39 part.=neutron

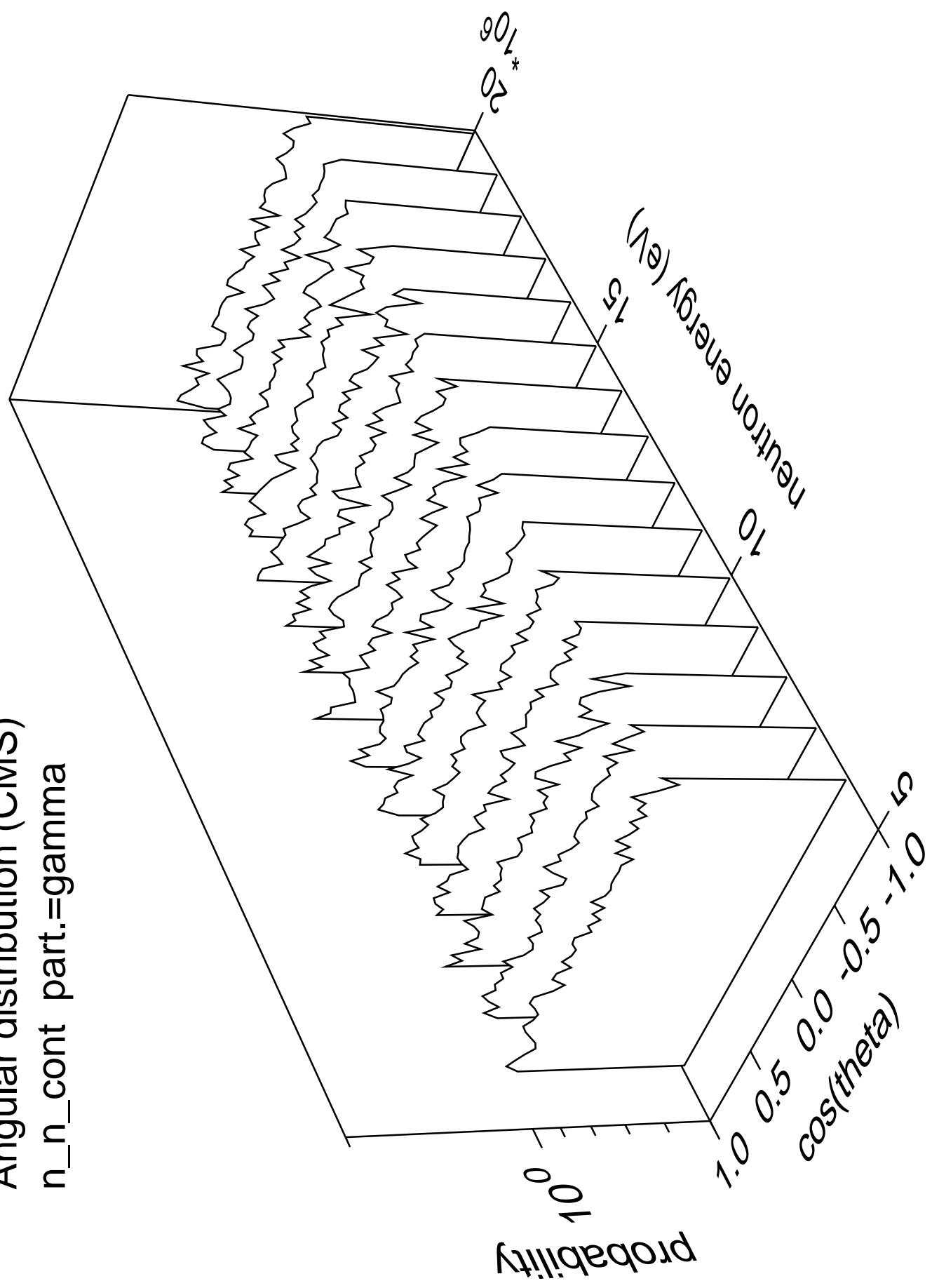


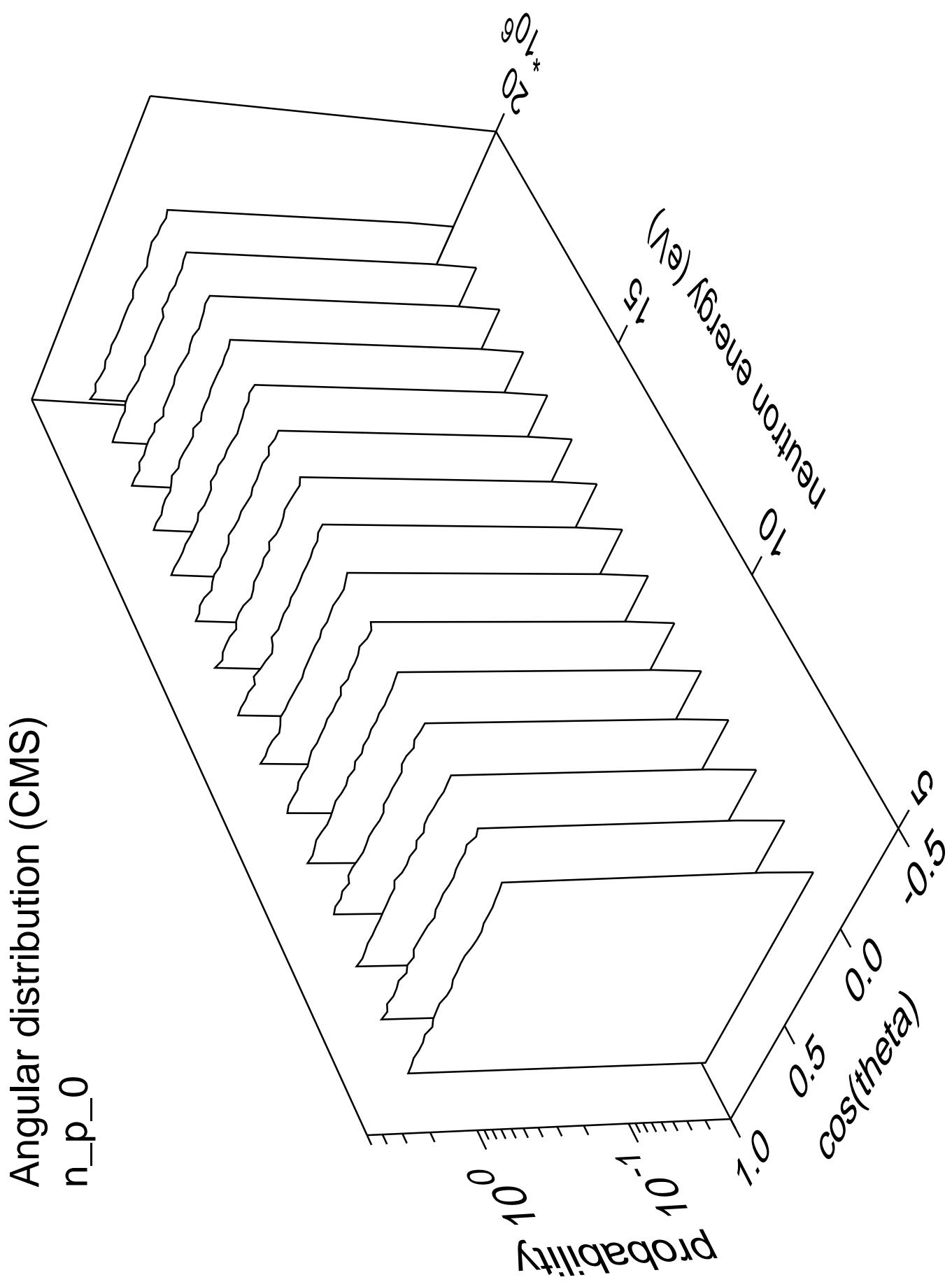
Angular distribution (CMS)  
n\_n\_39 part.=gamma

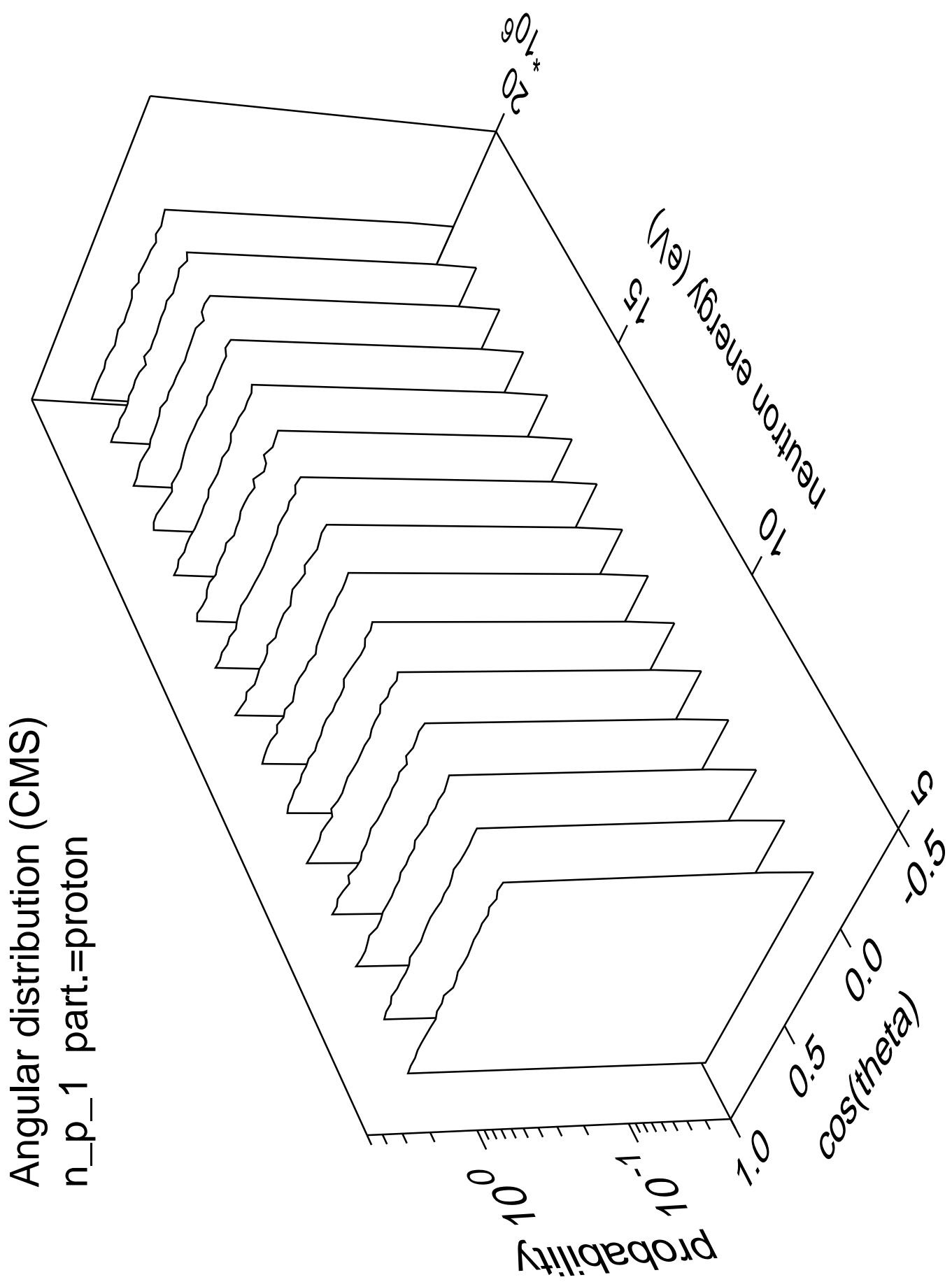


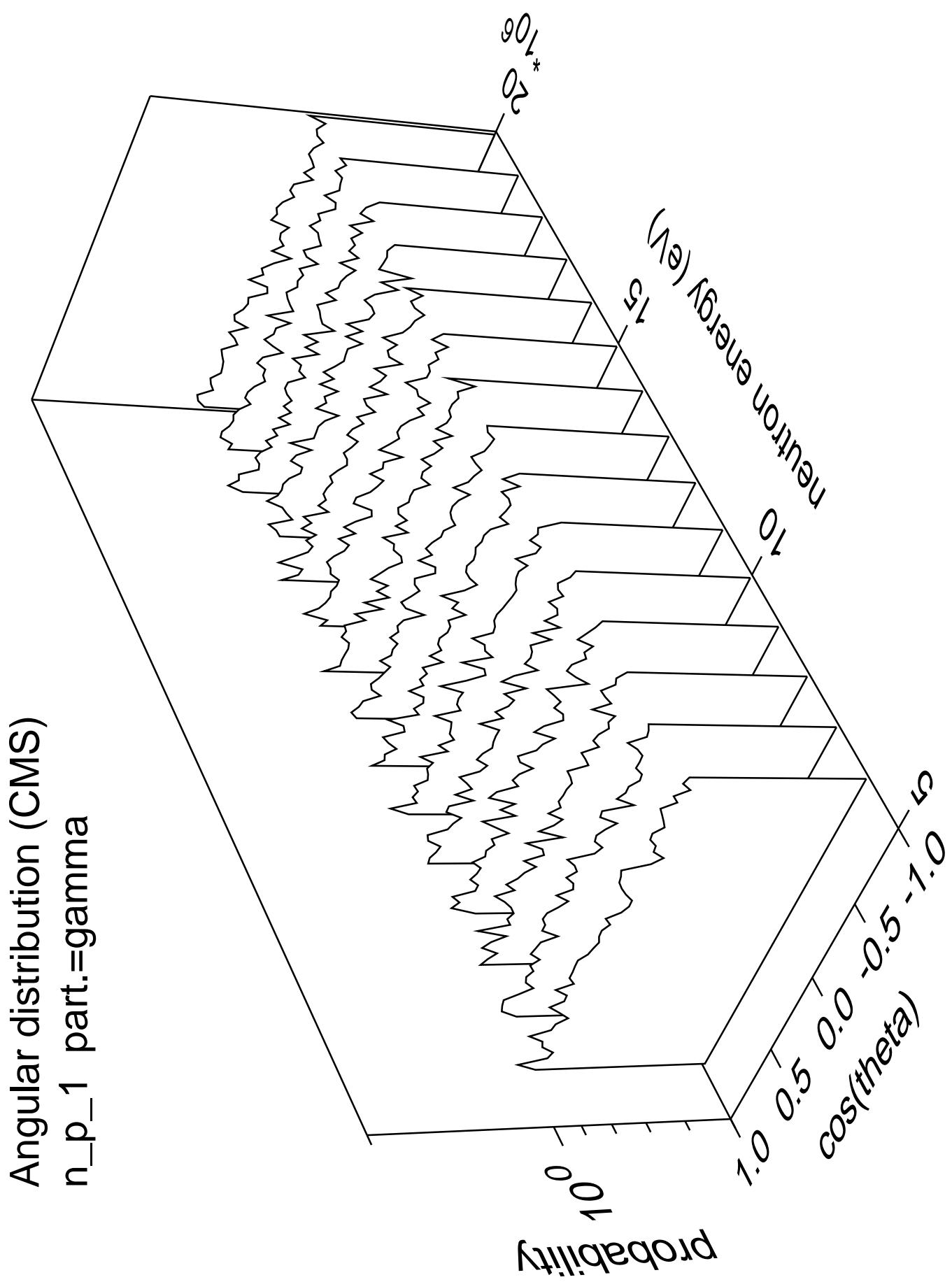


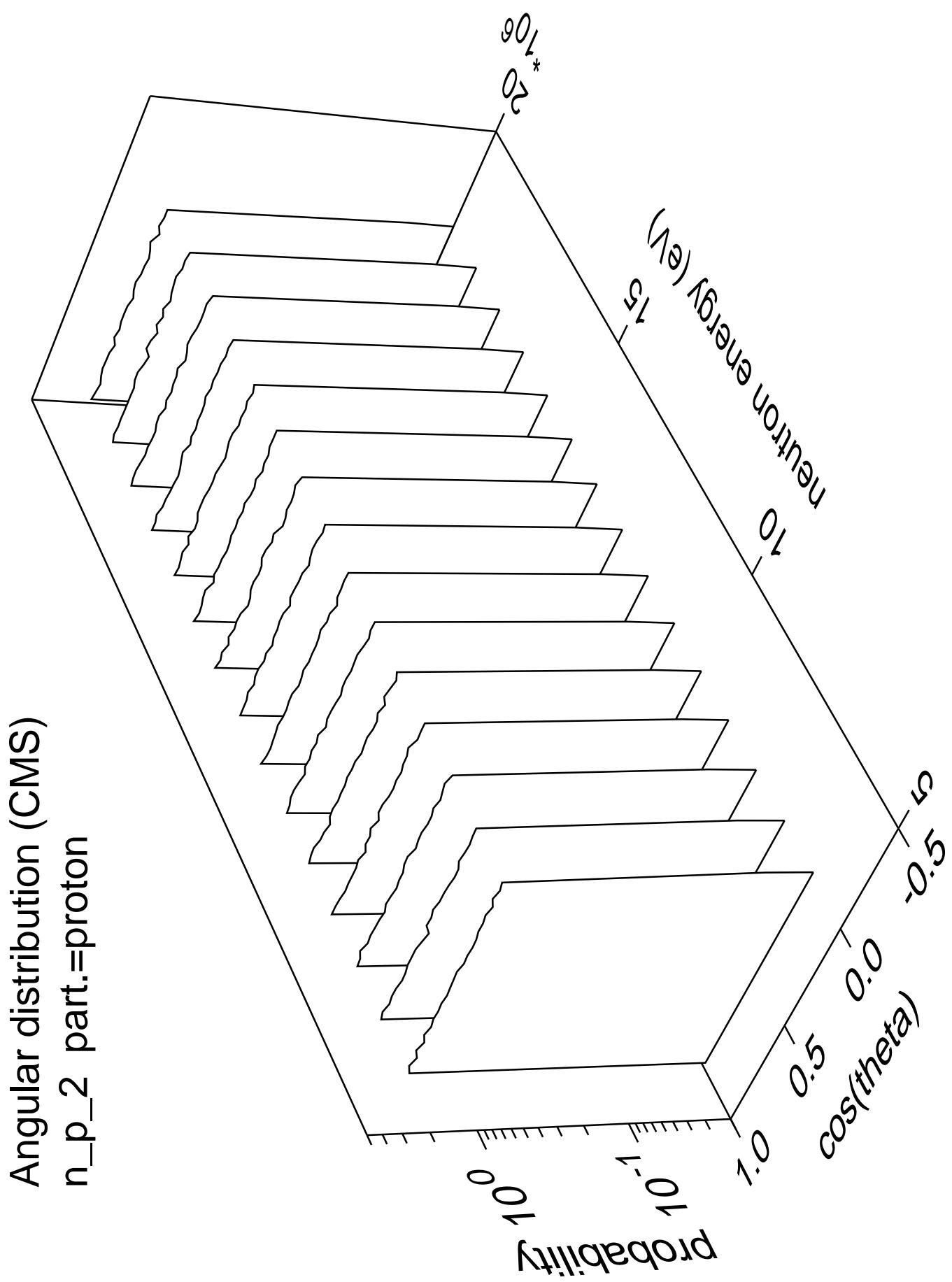
Angular distribution (CMS)  
n\_n\_cont part.=gamma



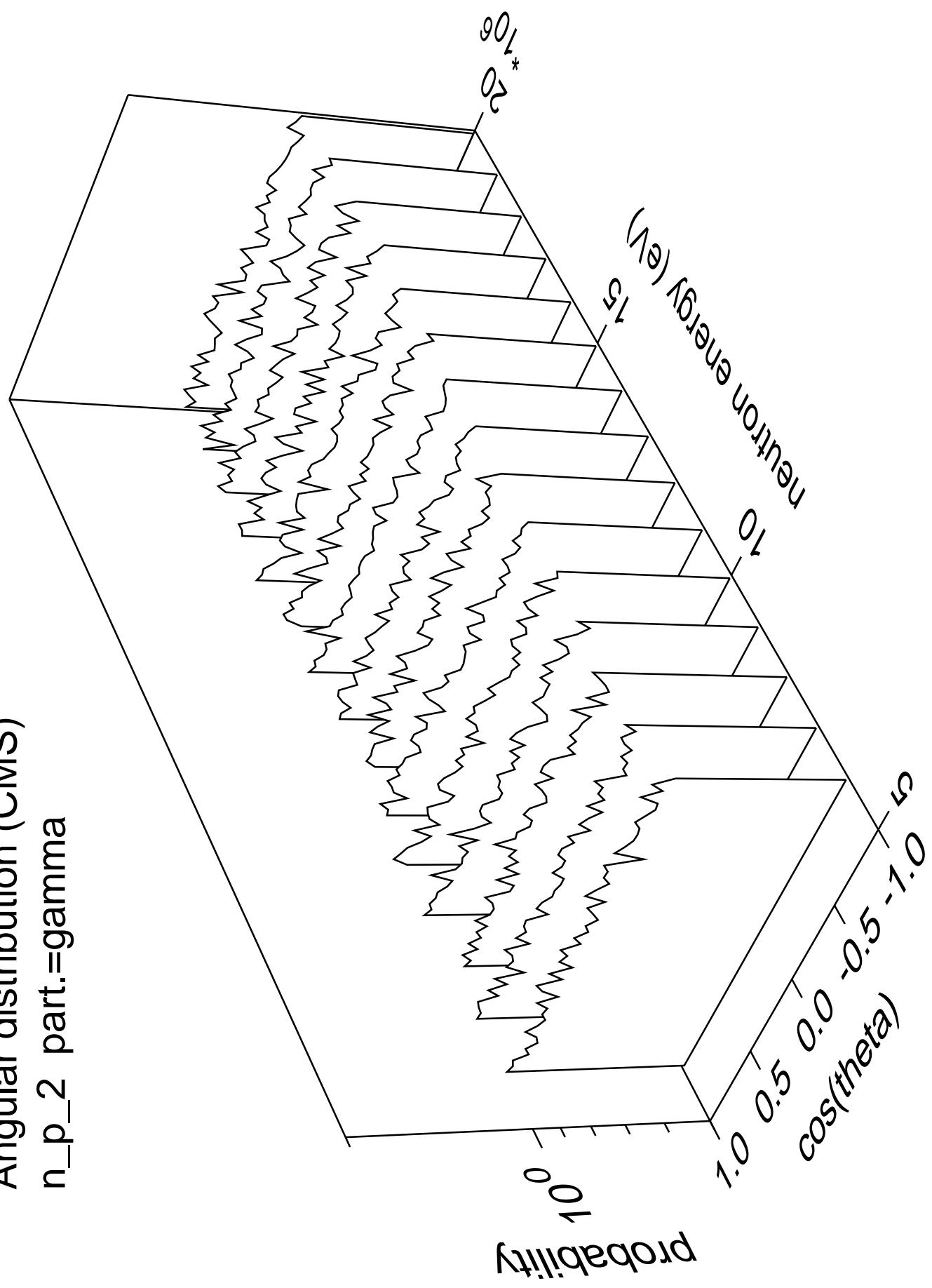


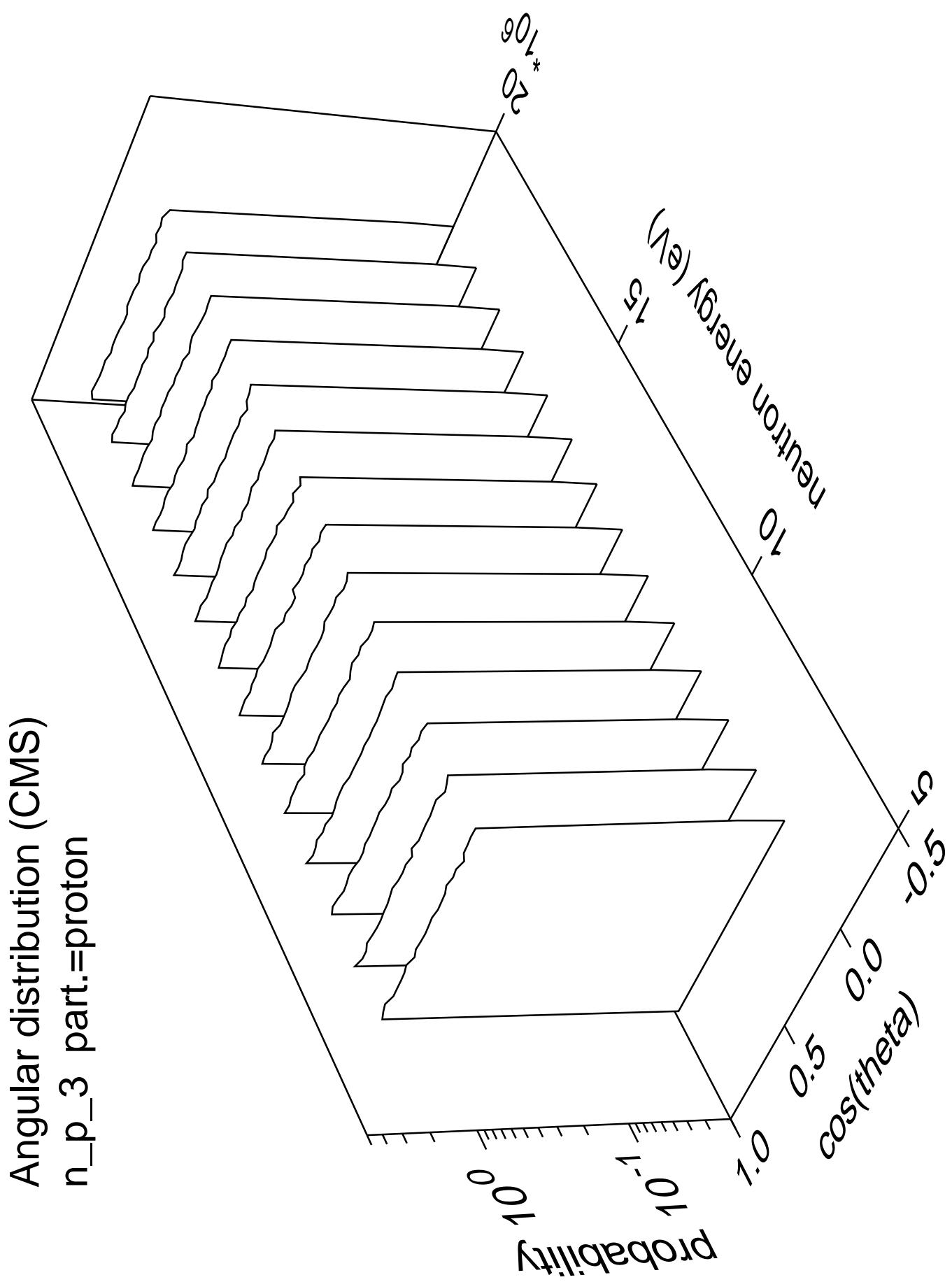




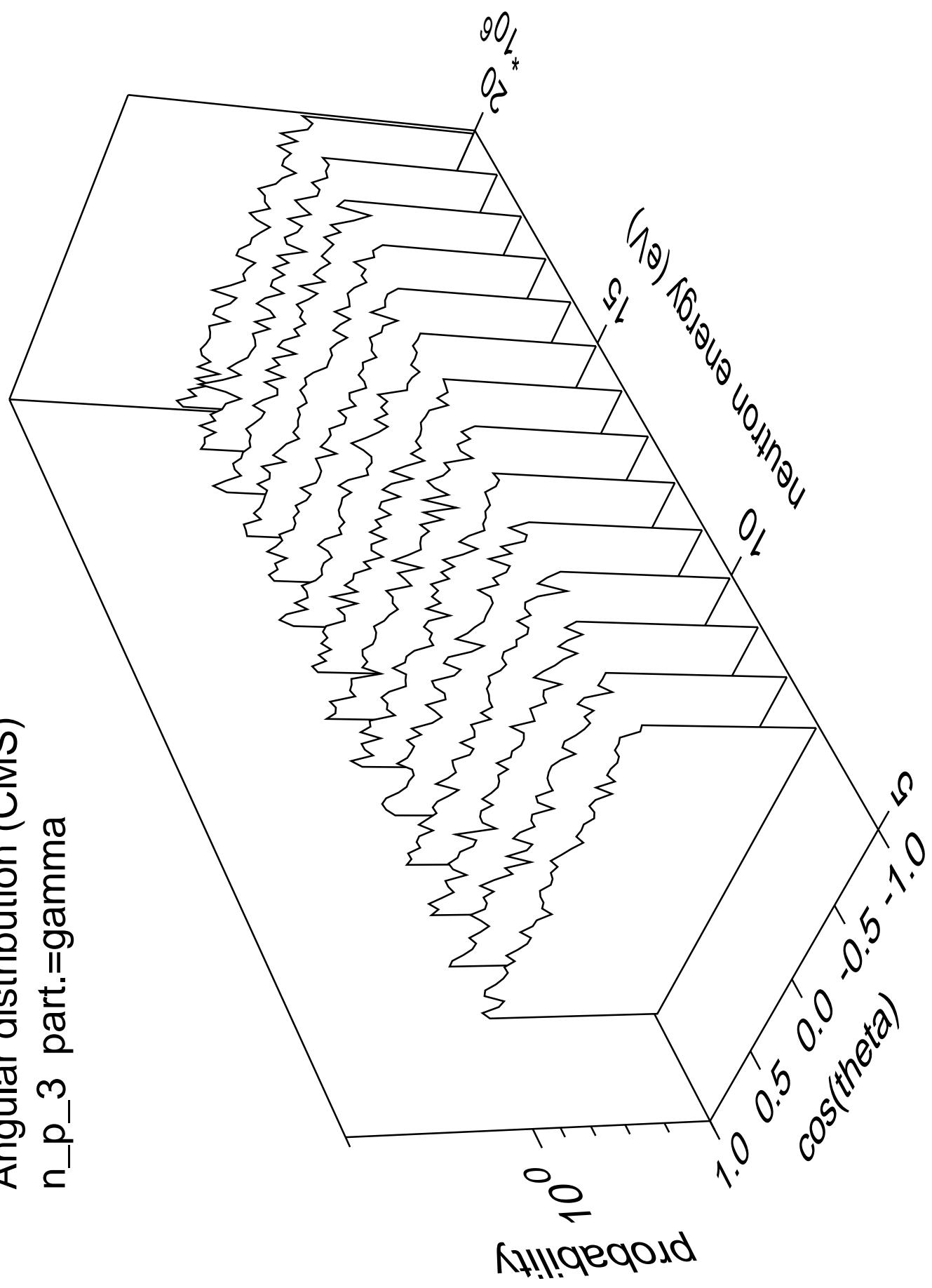


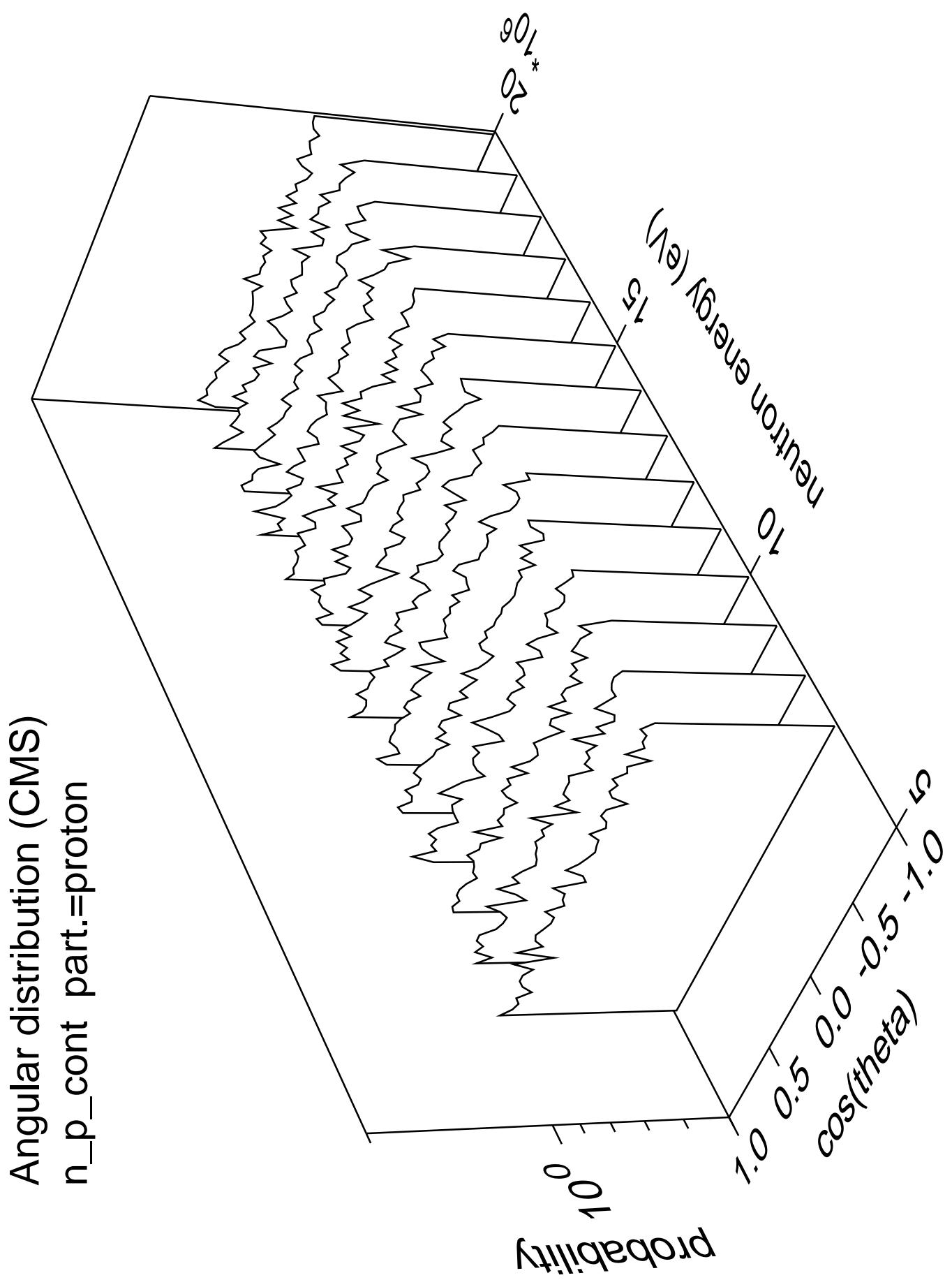
Angular distribution (CMS)  
 $n_p_2$  part.=gamma



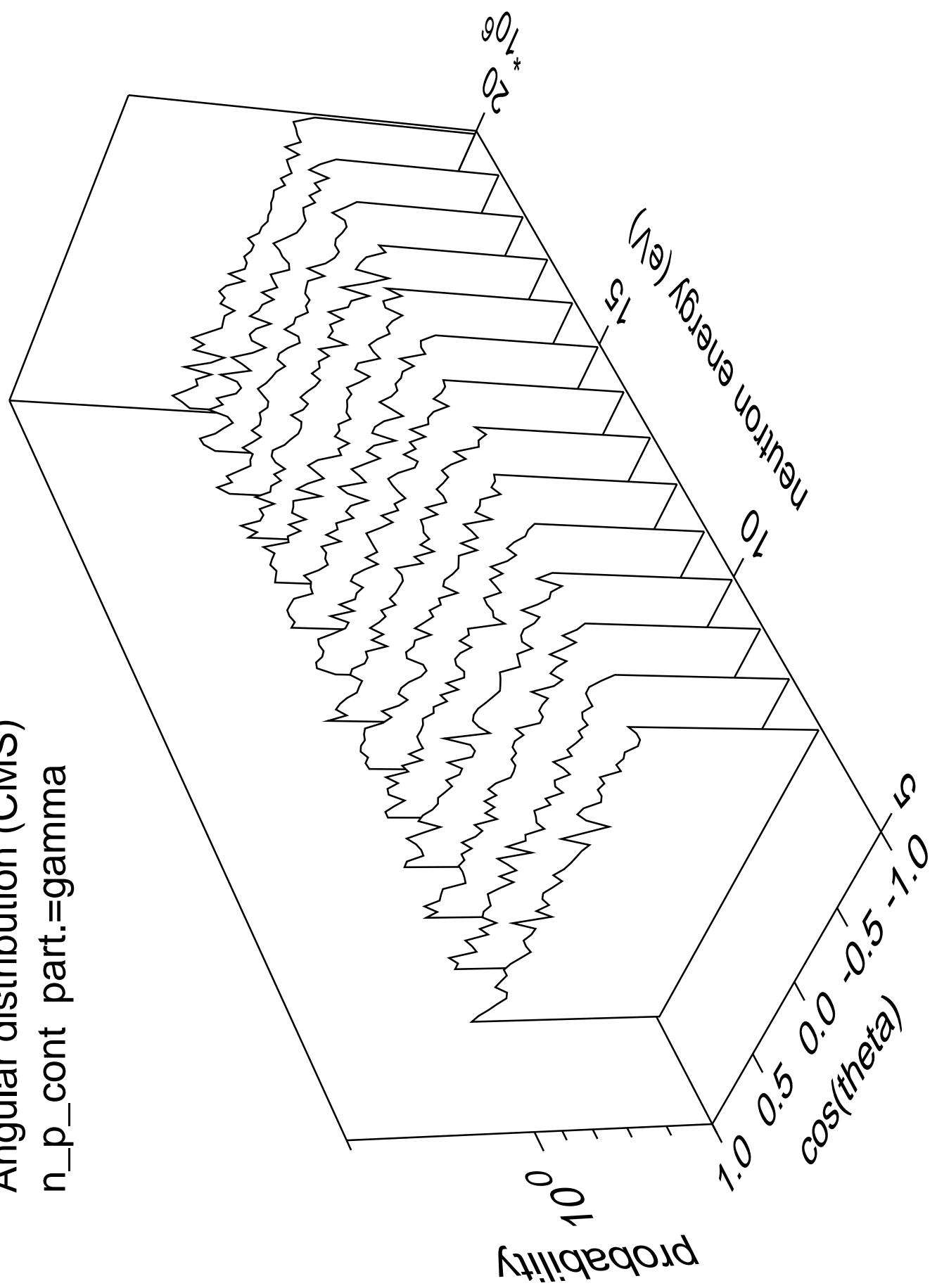


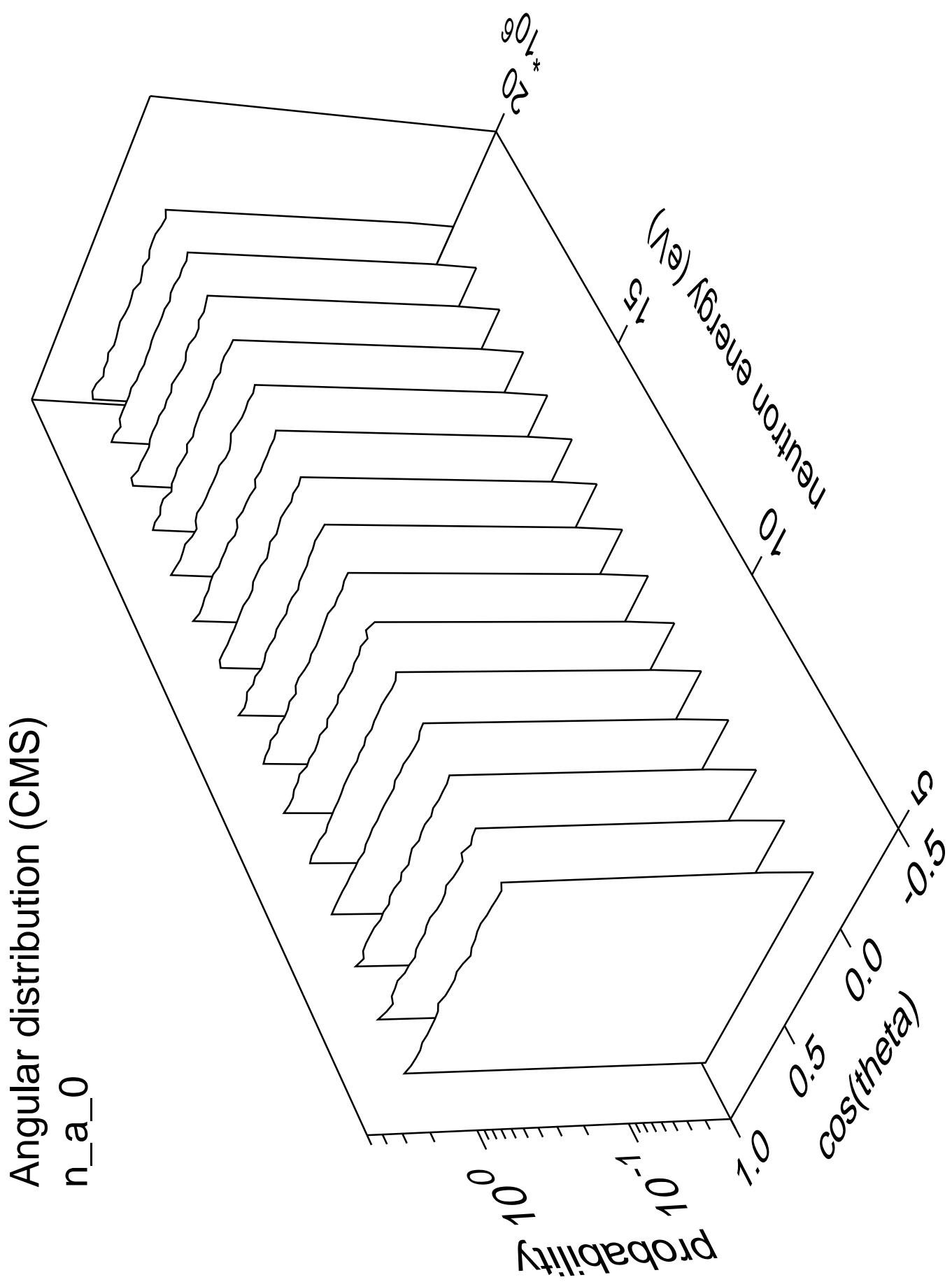
Angular distribution (CMS)  
 $n_p_3$  part.=gamma



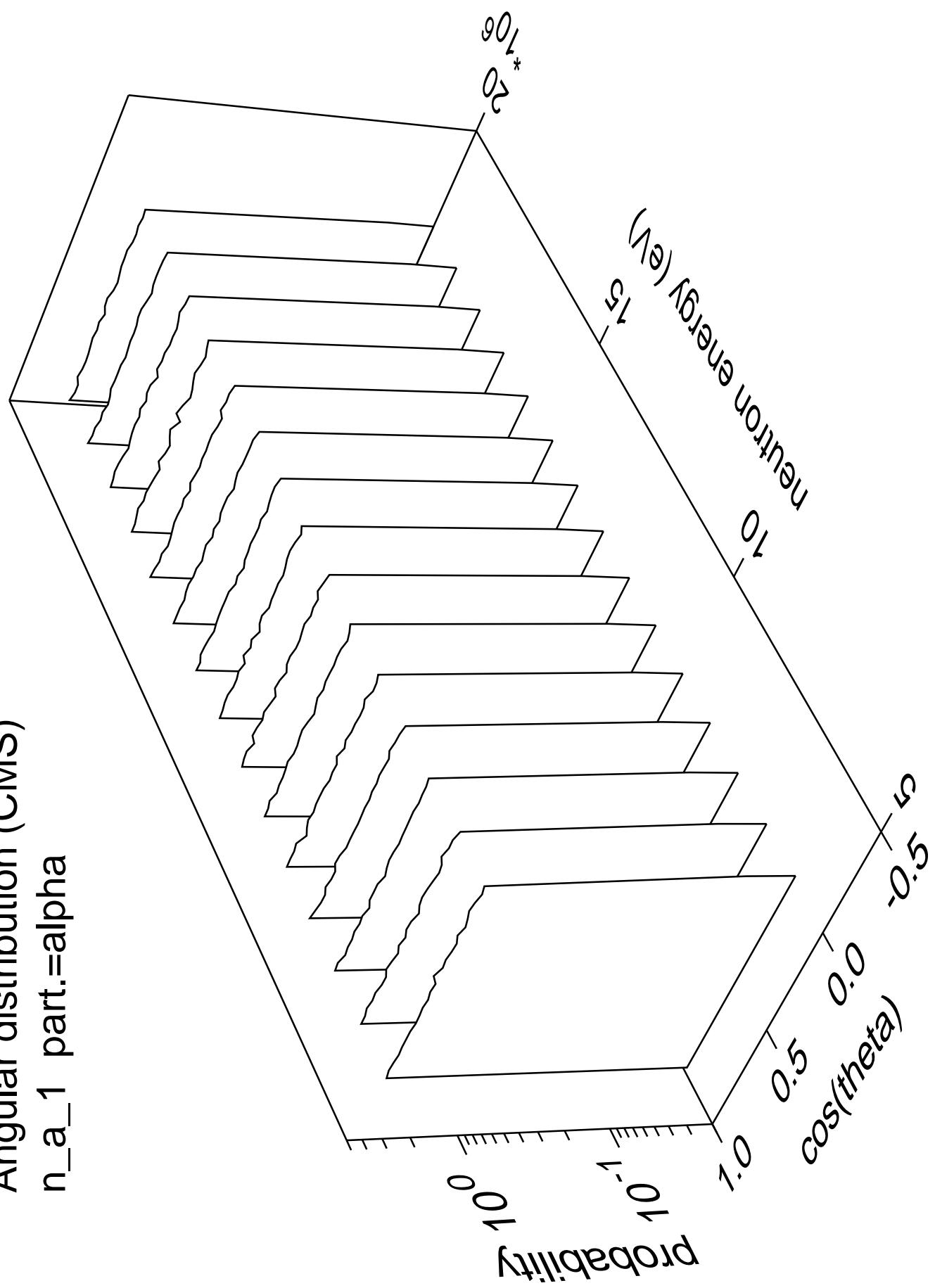


Angular distribution (CMS)  
n\_p\_cont part.=gamma

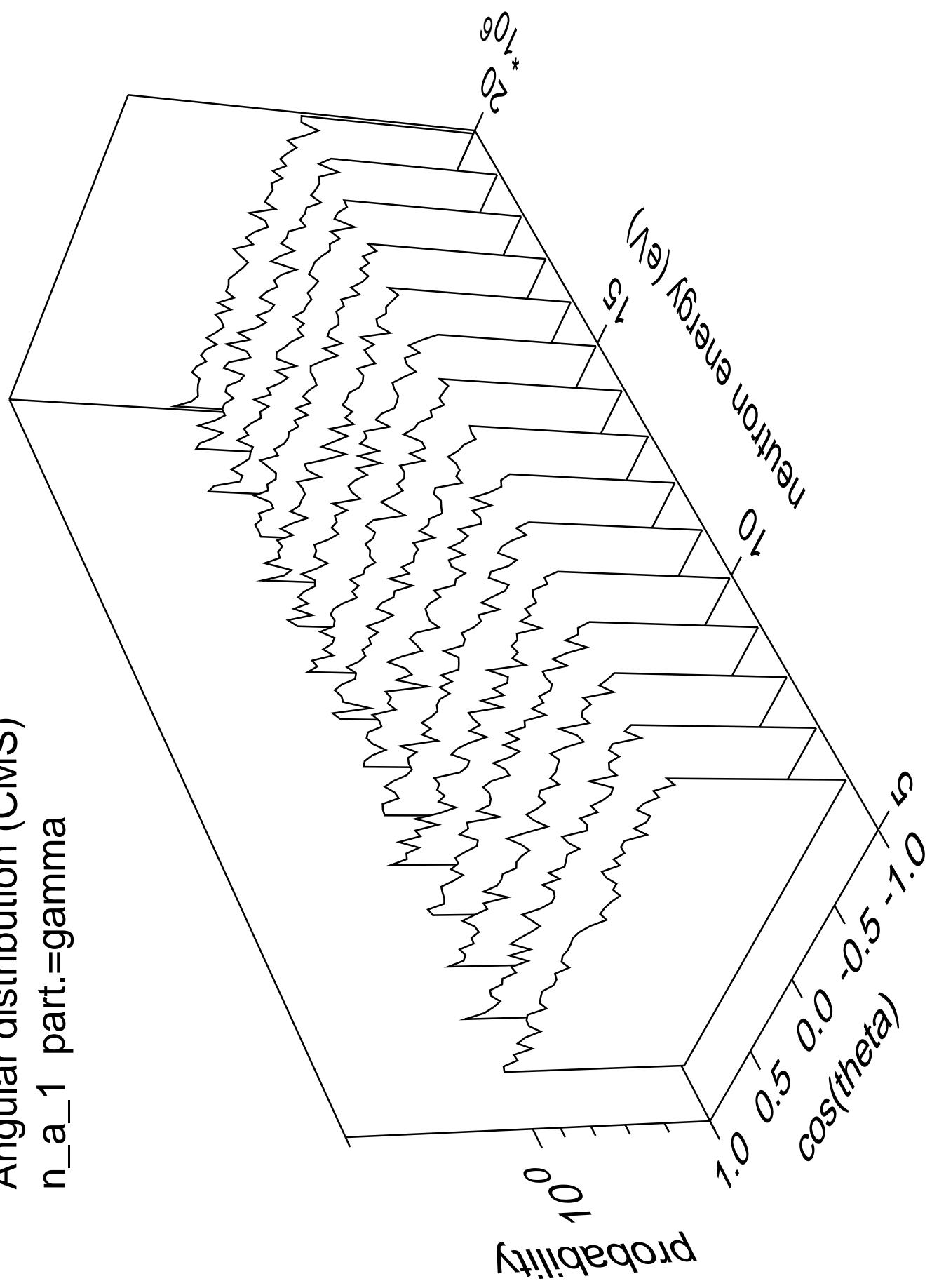


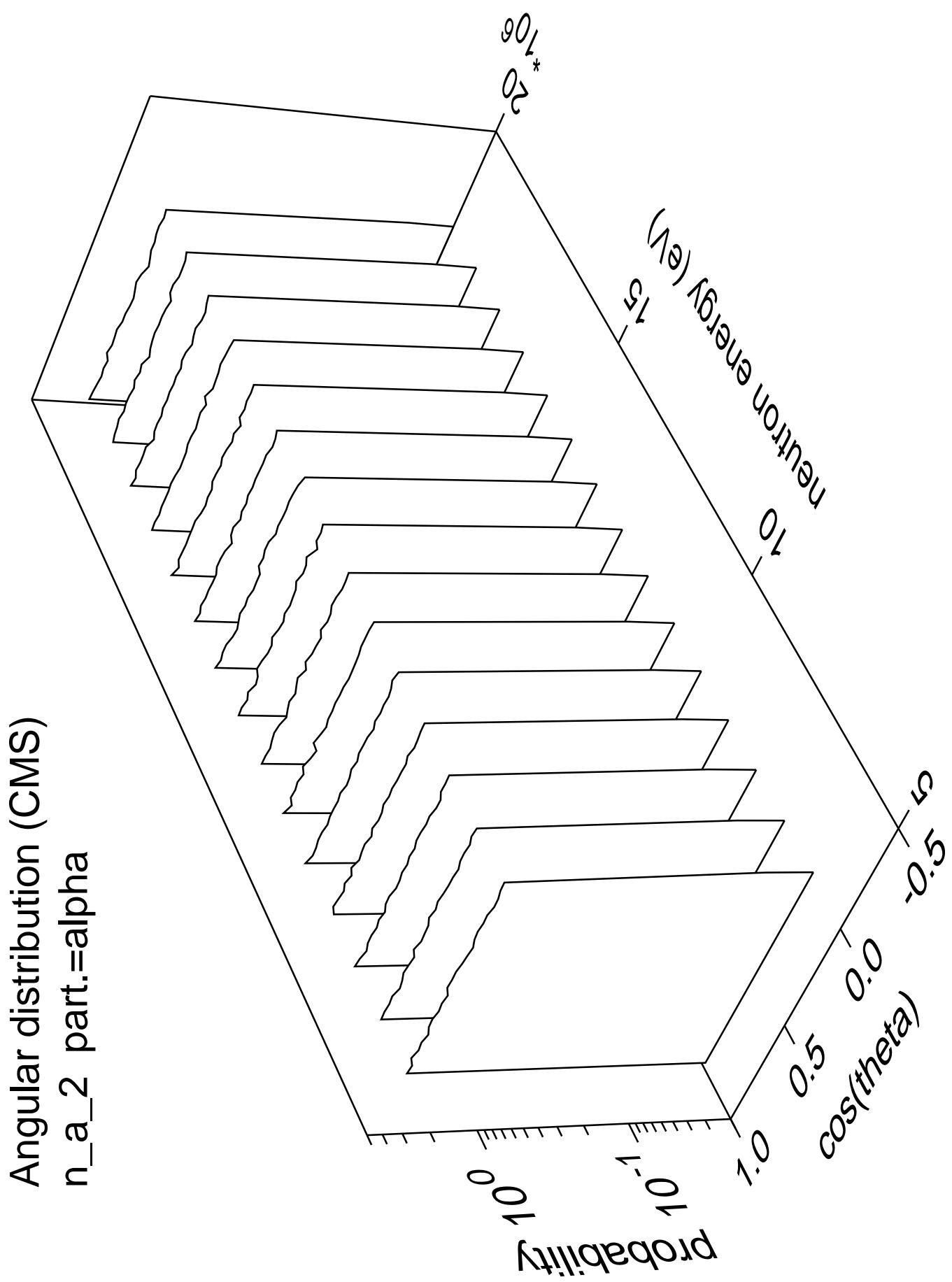


Angular distribution (CMS)  
 $n_{\alpha_1}$  part.=alpha

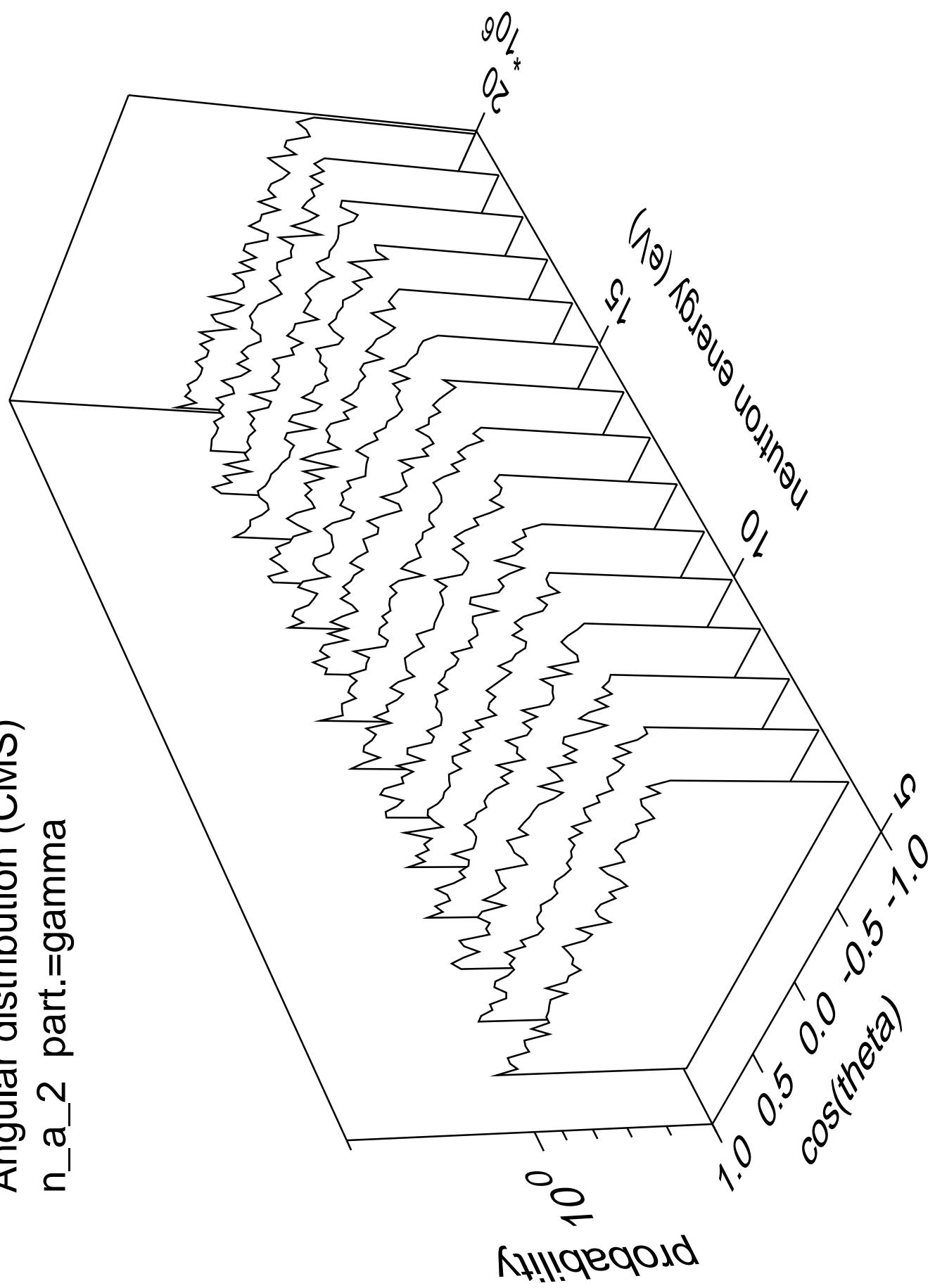


Angular distribution (CMS)  
 $n_a_1$  part.=gamma

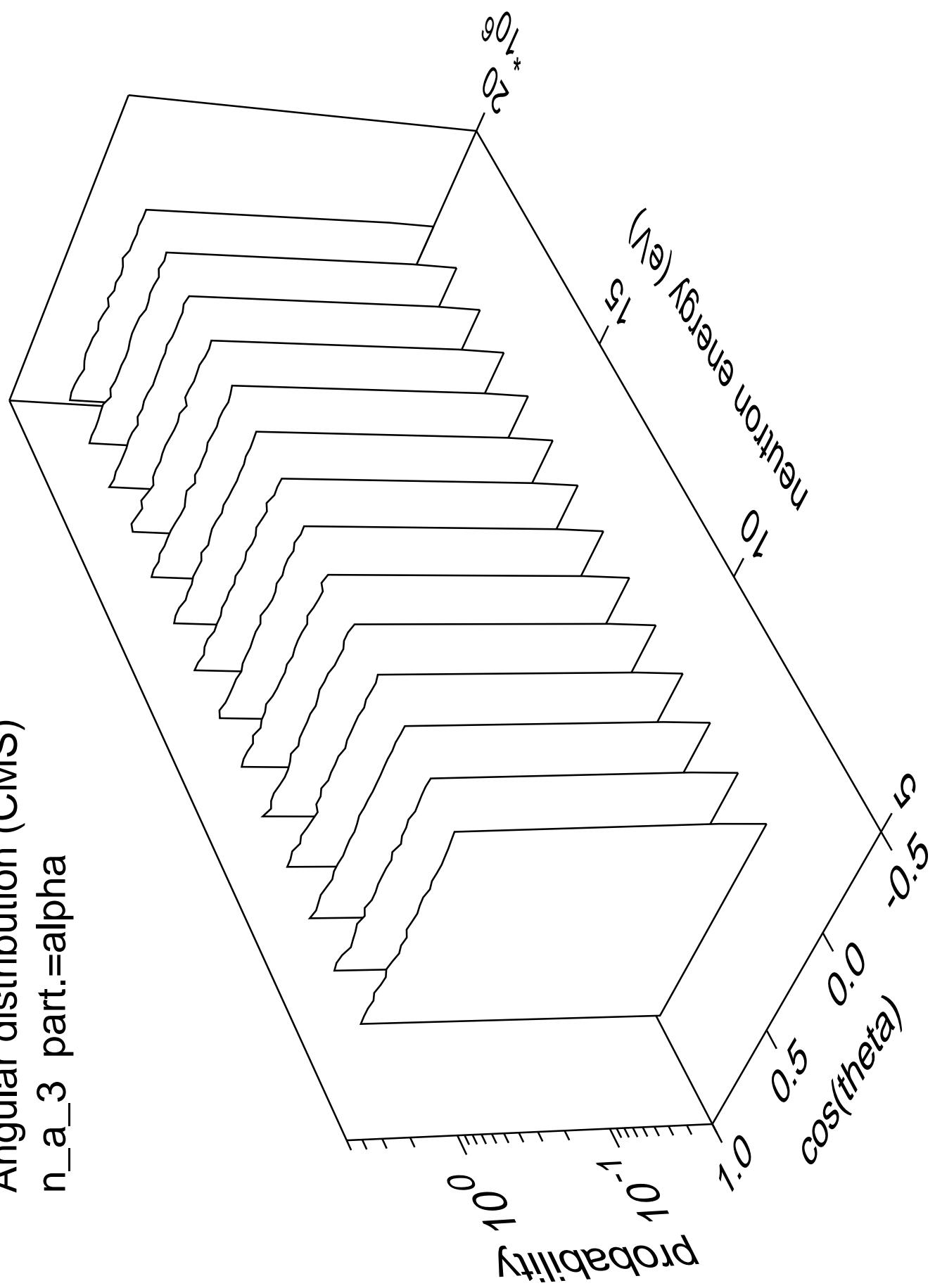




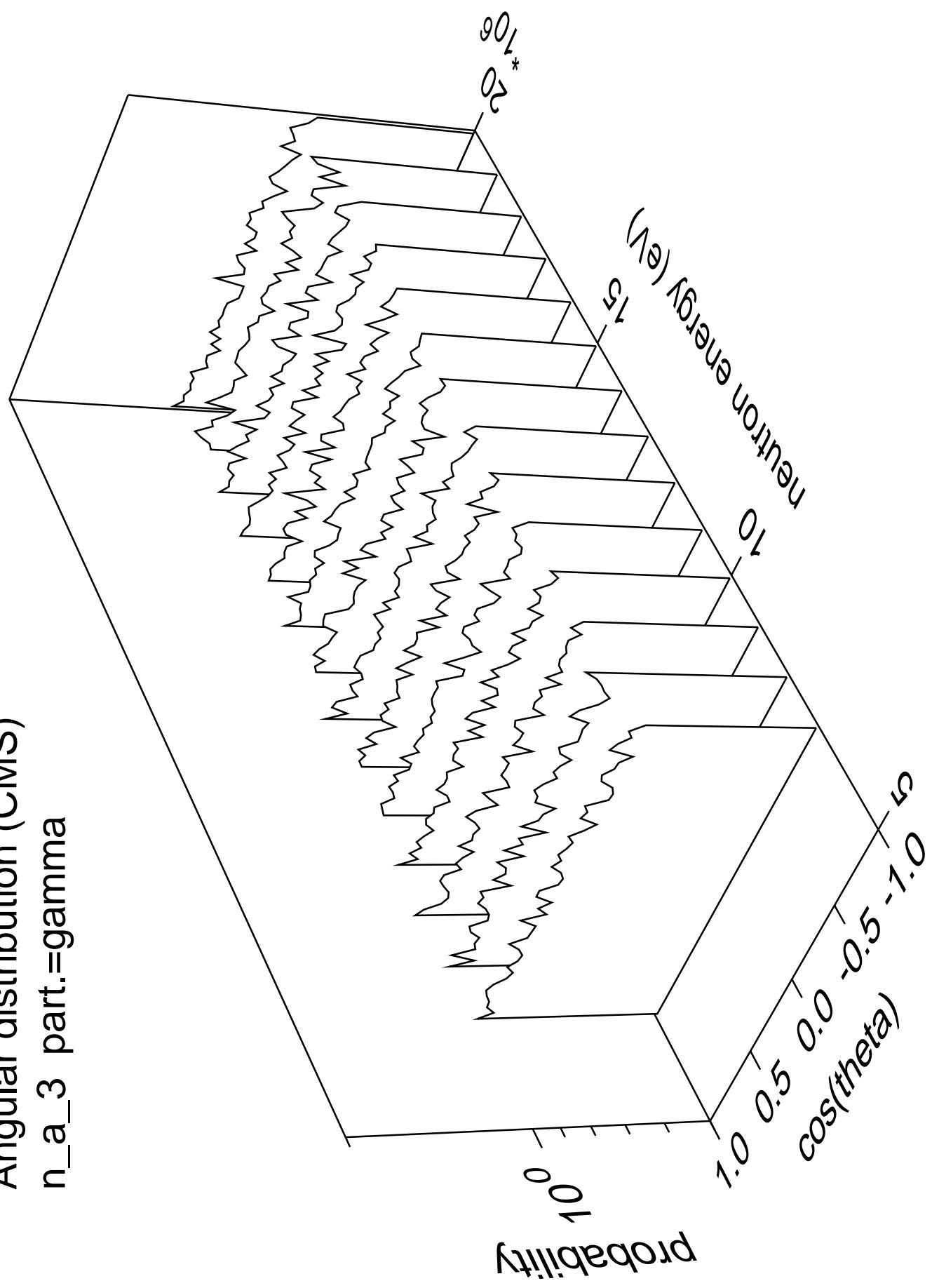
Angular distribution (CMS)  
 $n_a_2$  part.=gamma

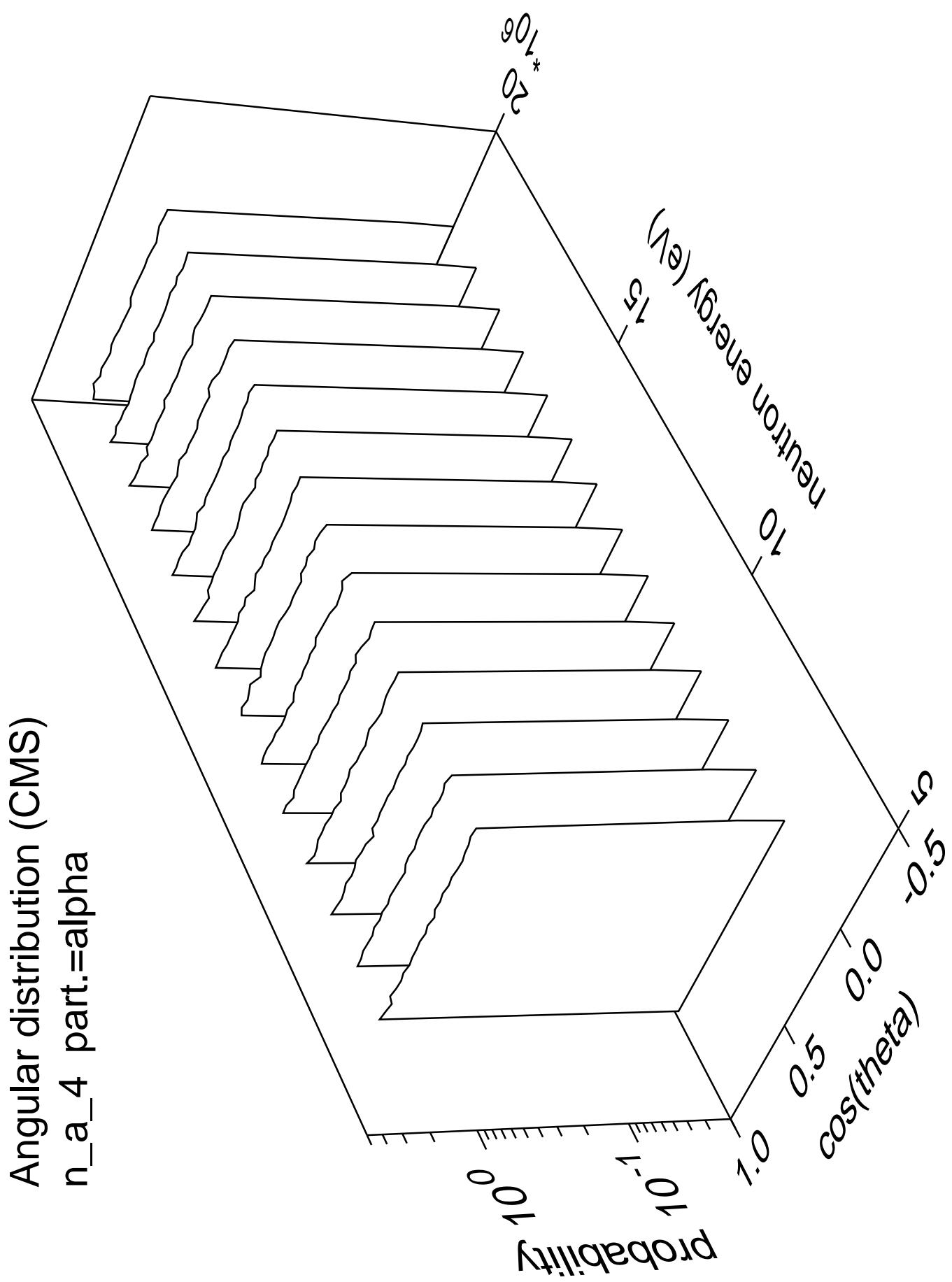


Angular distribution (CMS)  
 $n_a_3$  part.=alpha

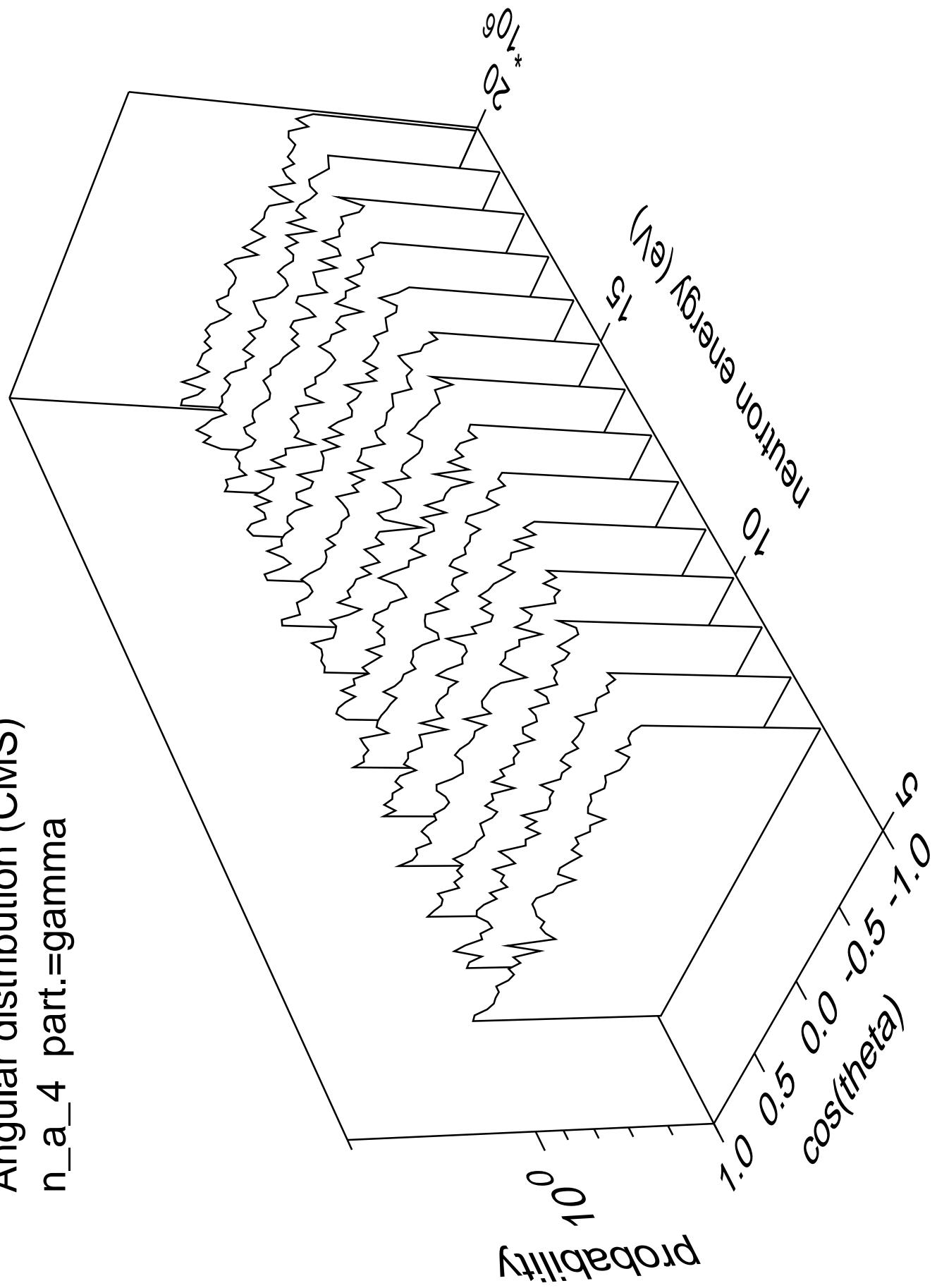


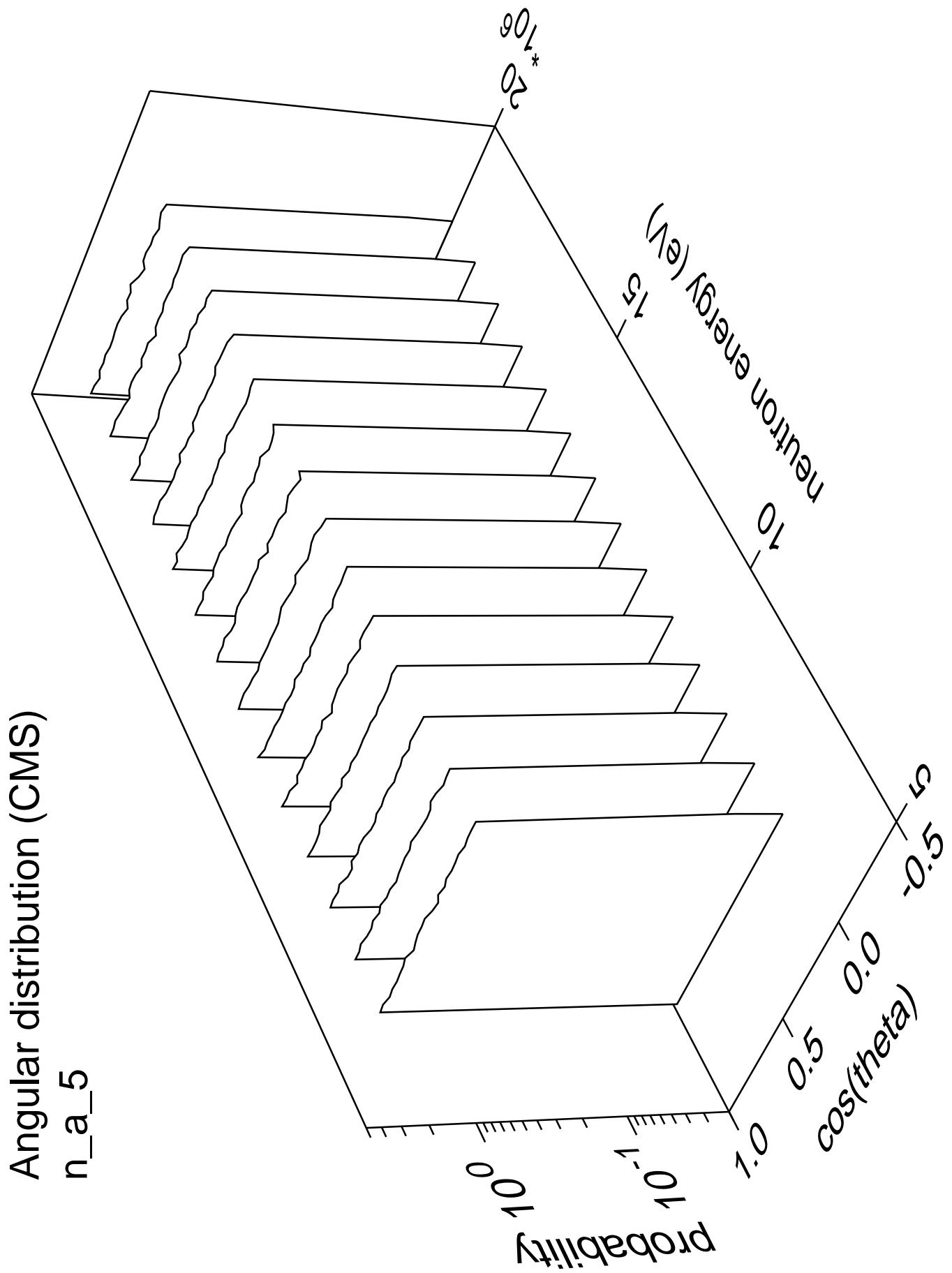
Angular distribution (CMS)  
n\_a\_3 part.=gamma



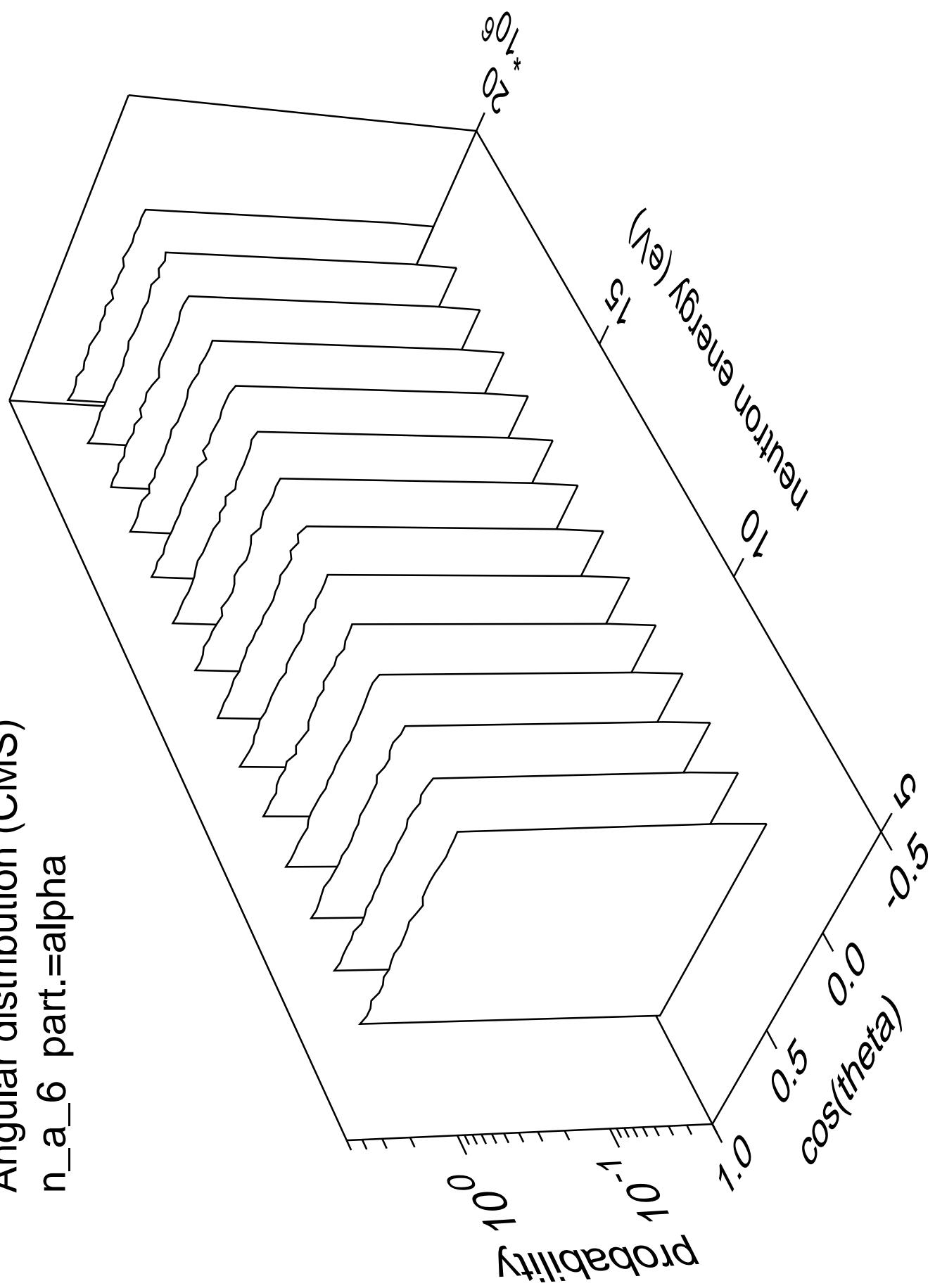


Angular distribution (CMS)  
n\_a\_4 part.=gamma

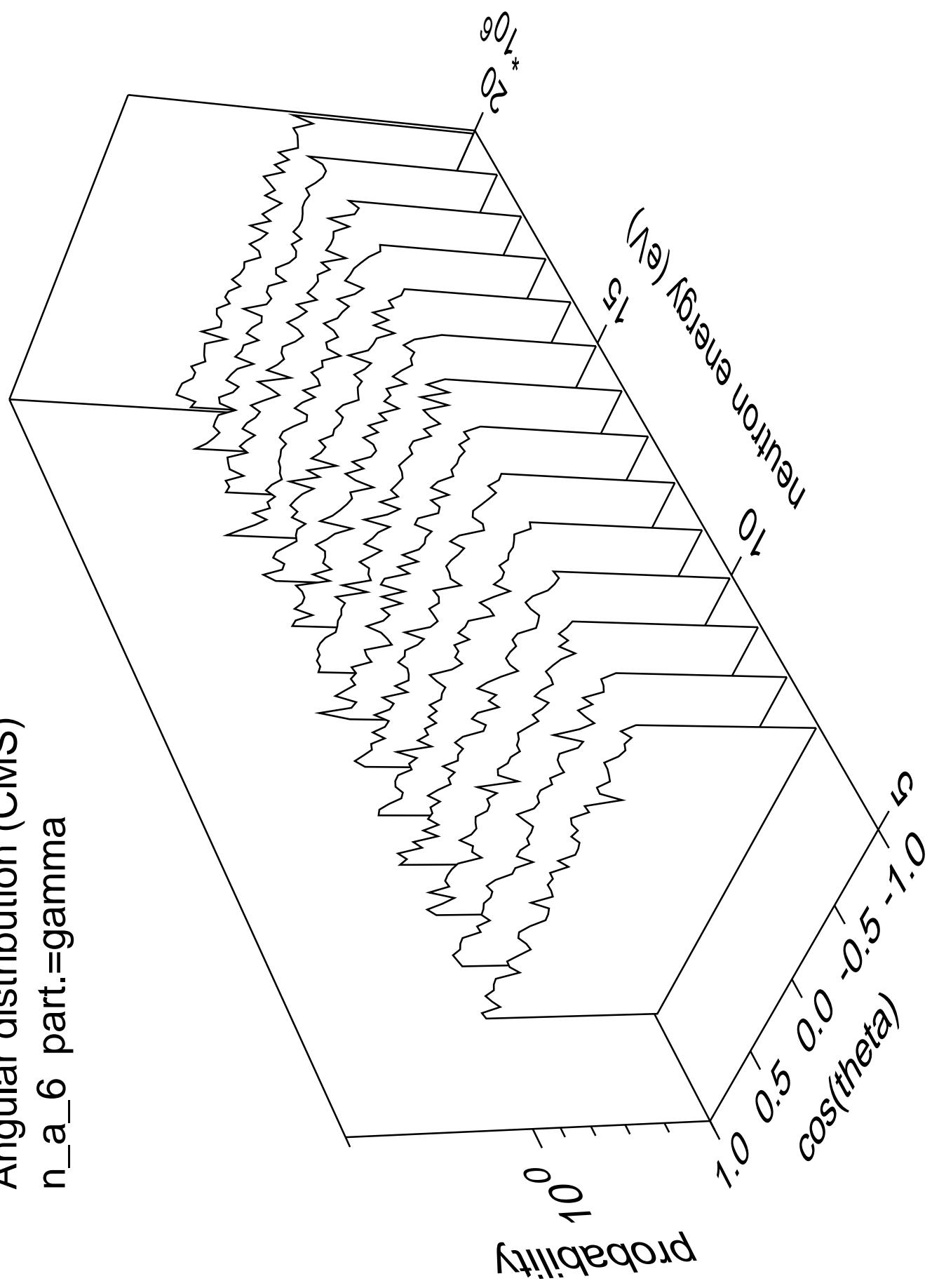


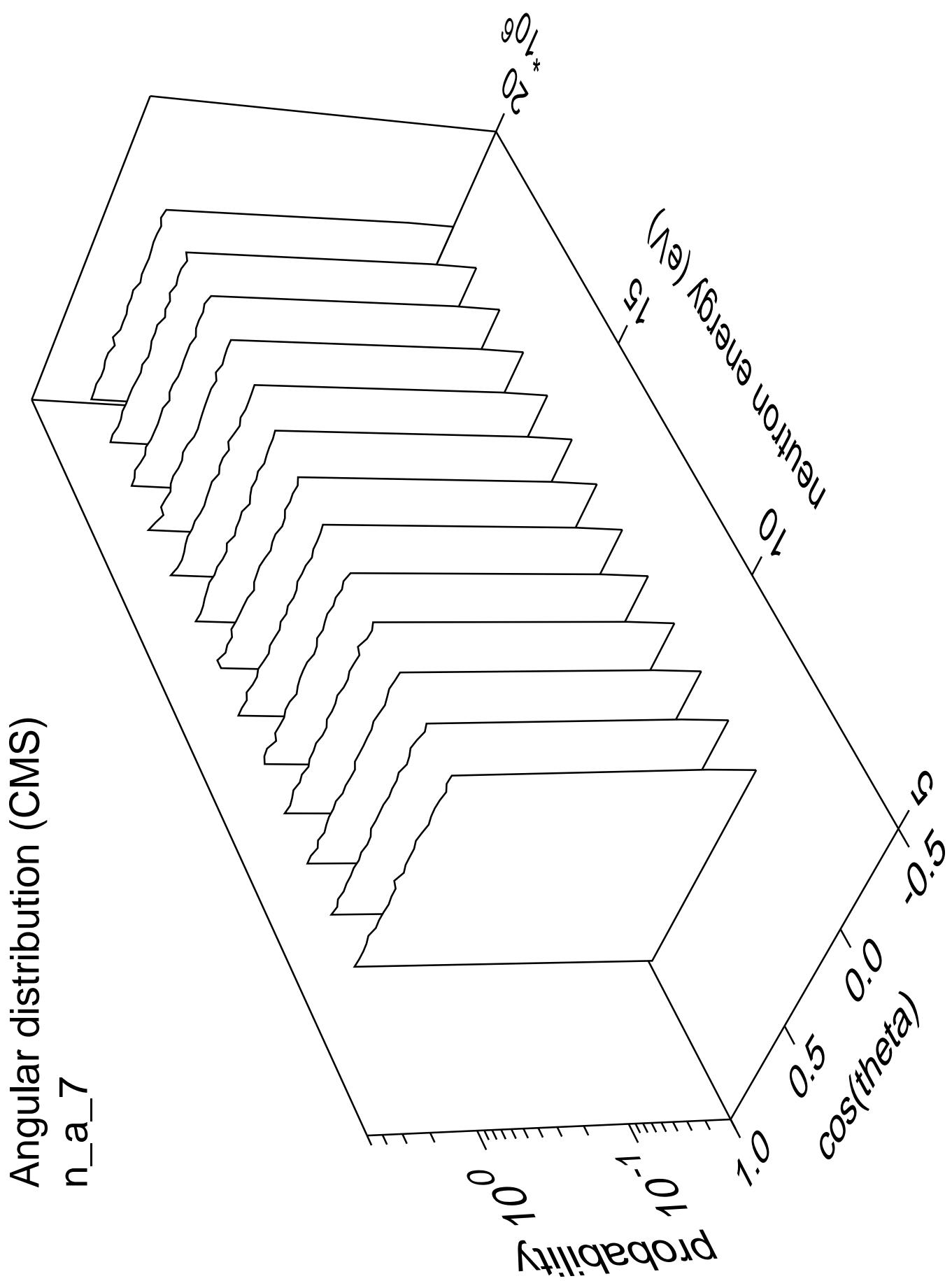


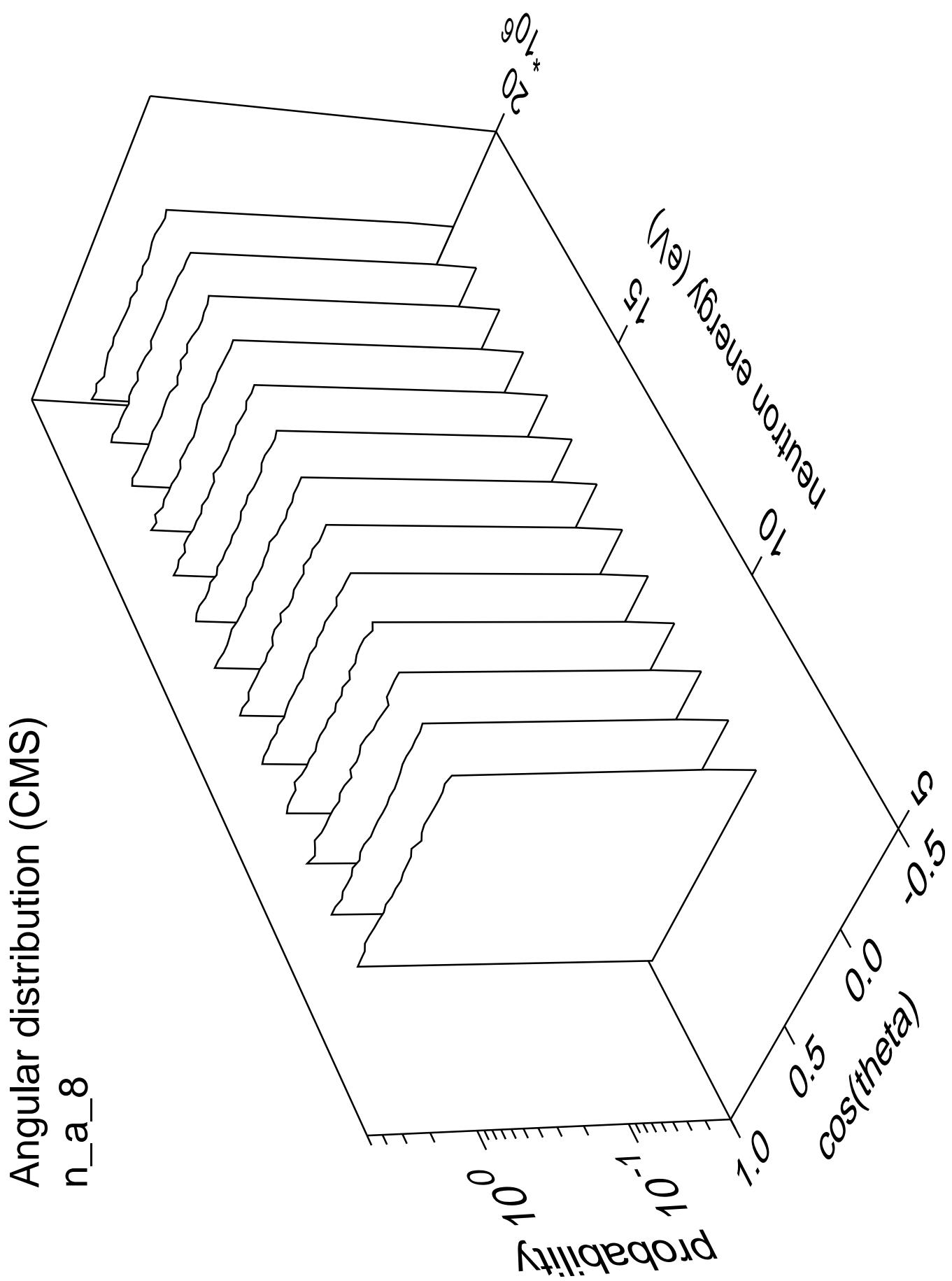
Angular distribution (CMS)  
n\_a\_6 part.=alpha

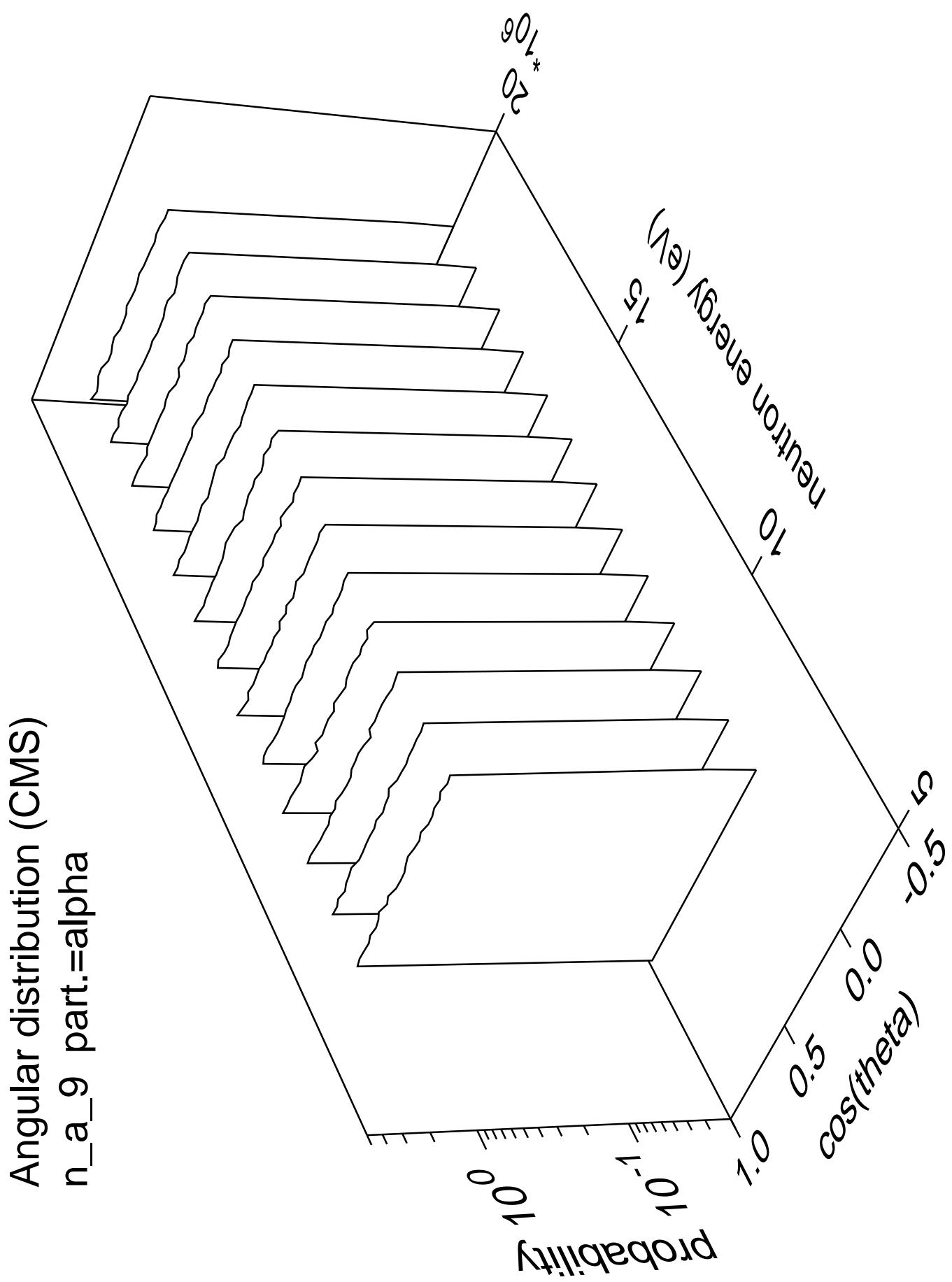


Angular distribution (CMS)  
n\_a\_6 part.=gamma

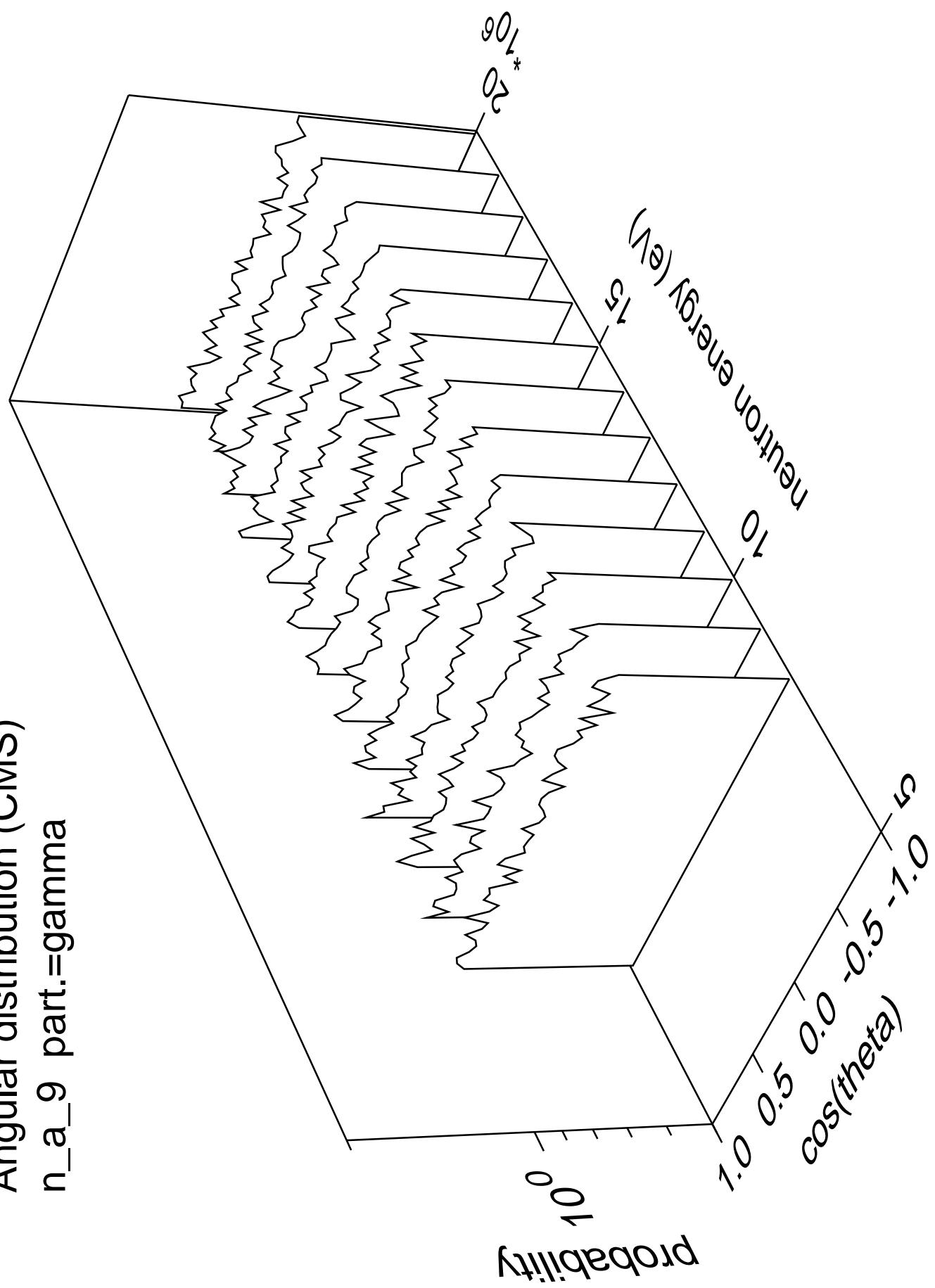


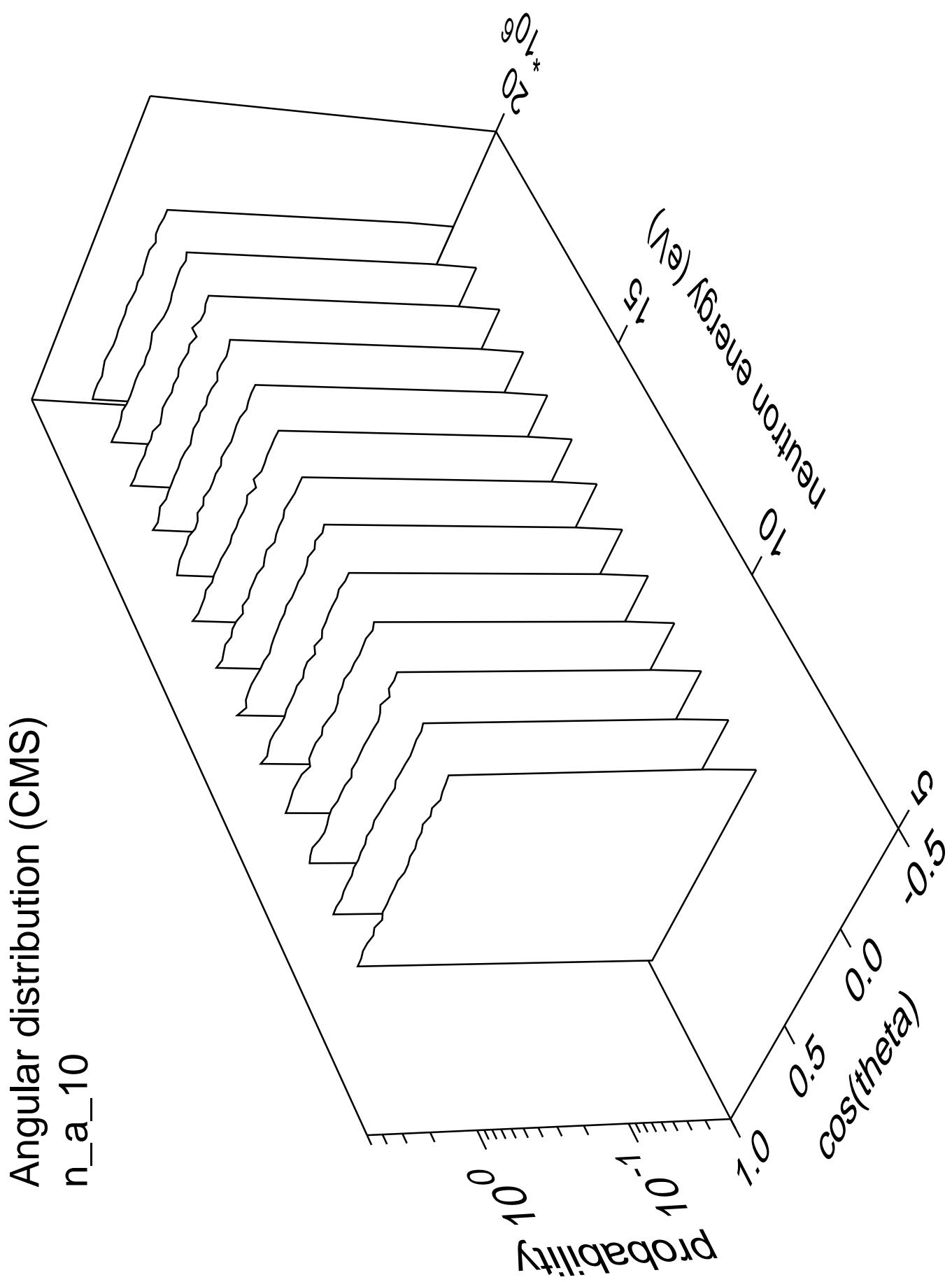


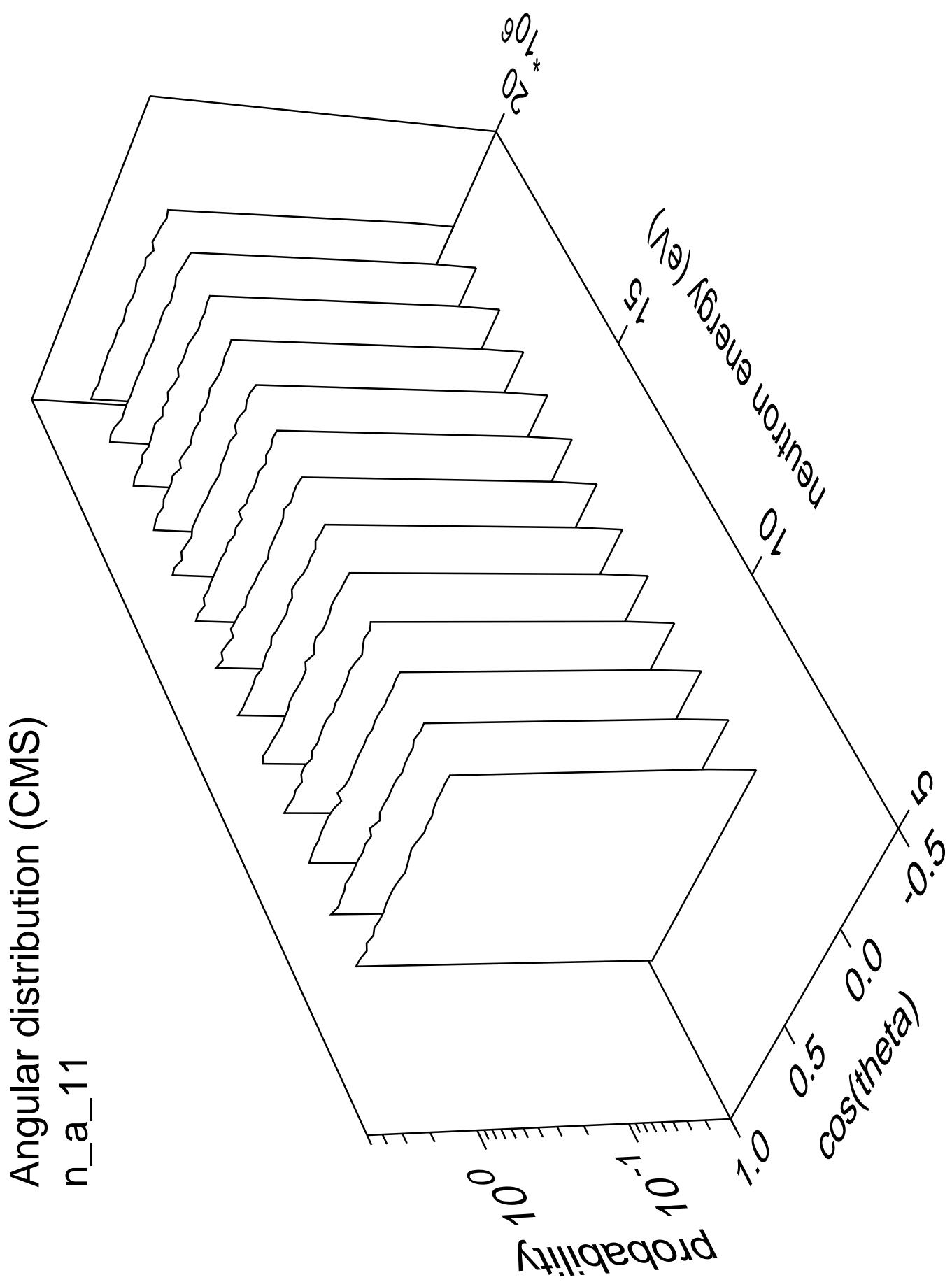




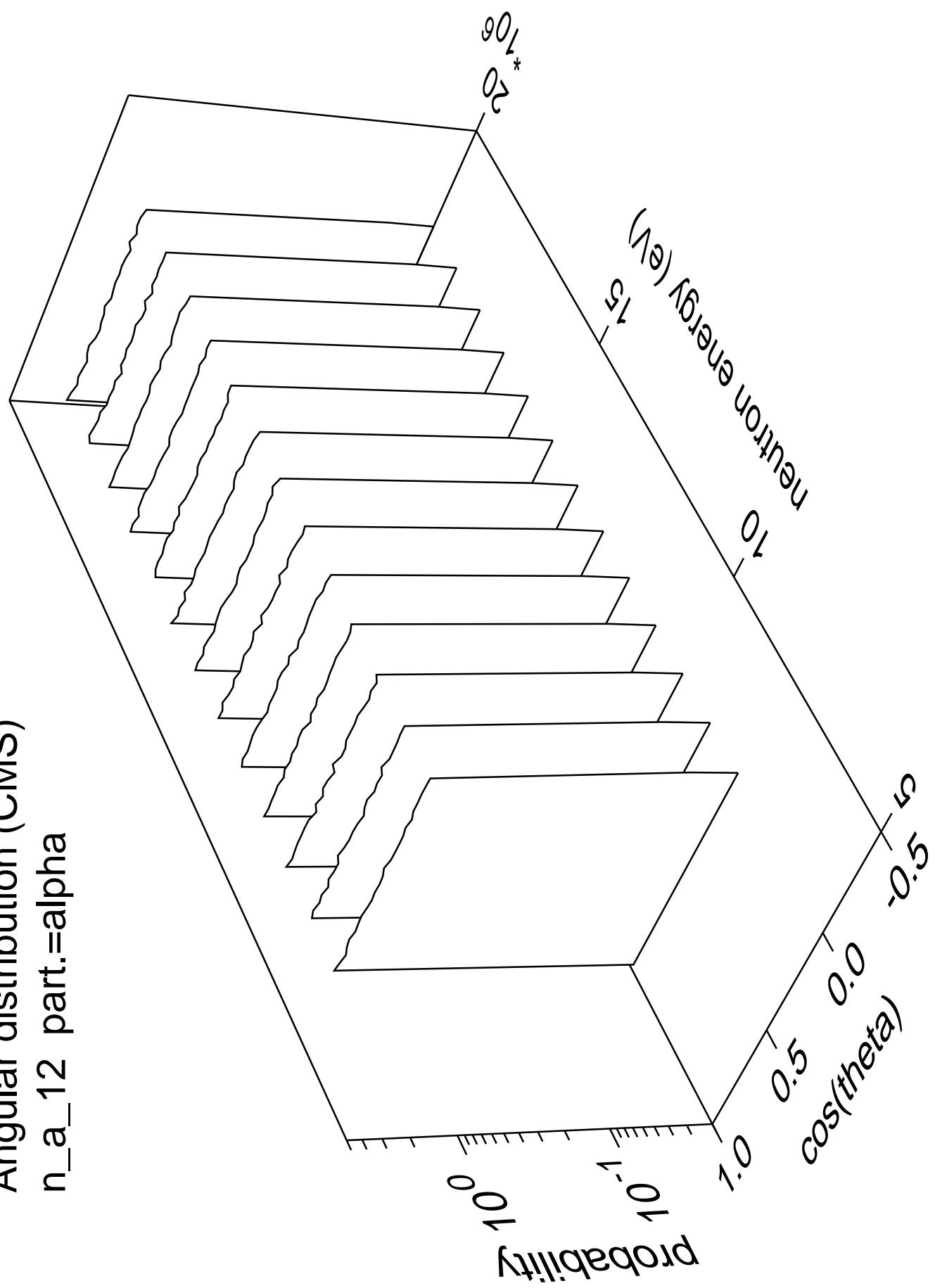
Angular distribution (CMS)  
n\_a\_9 part.=gamma



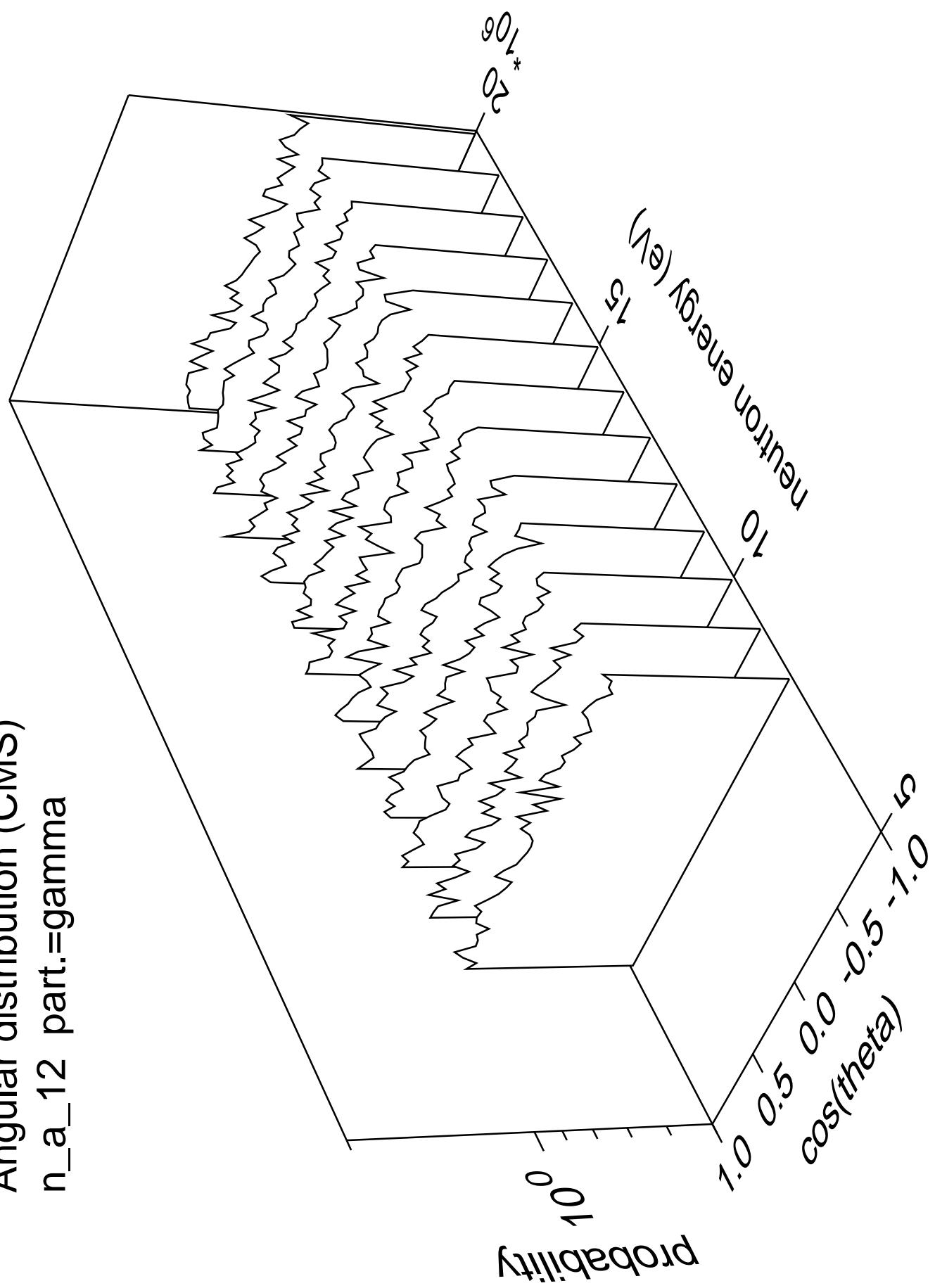


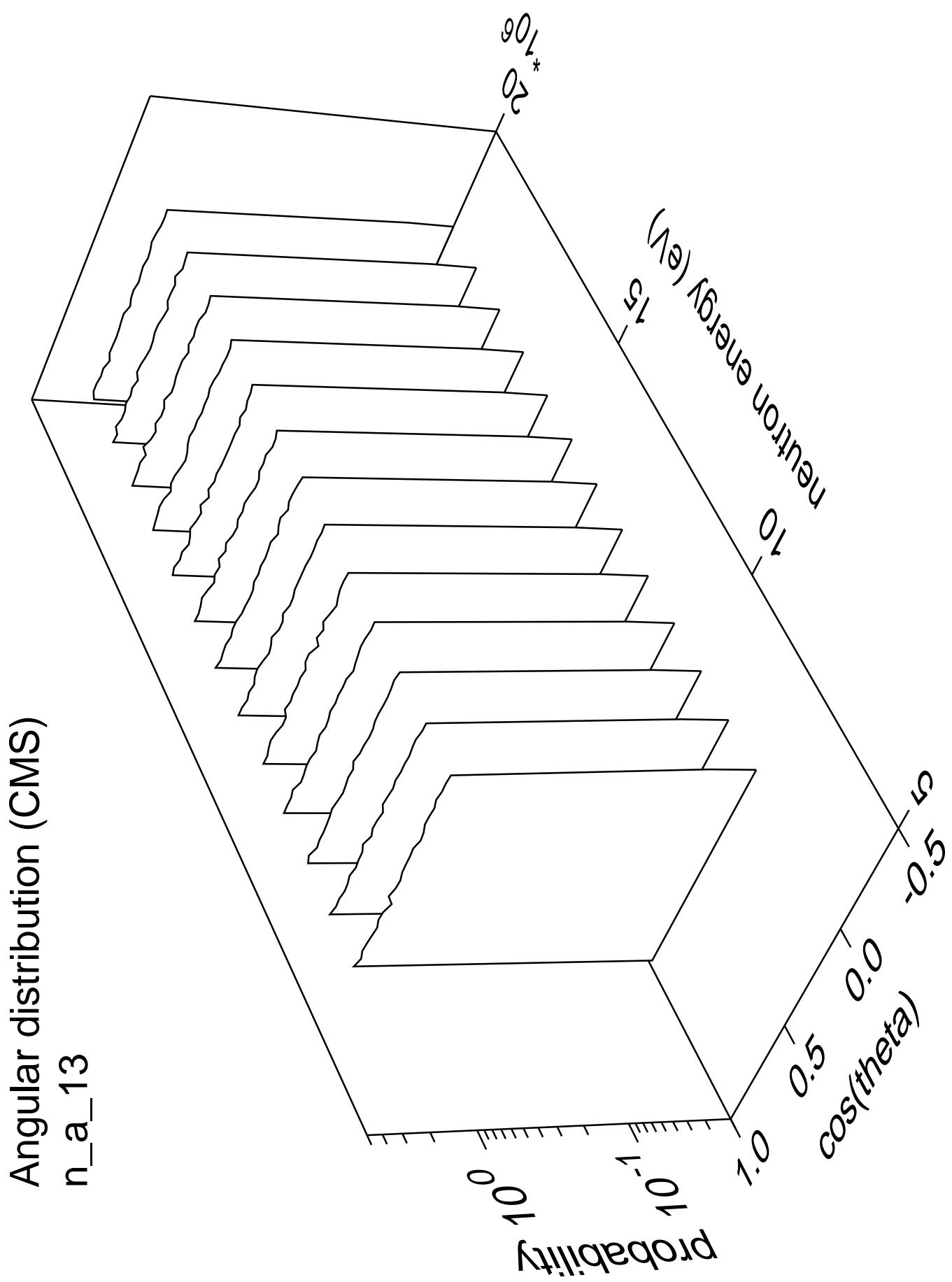


Angular distribution (CMS)  
n\_a\_12 part.=alpha

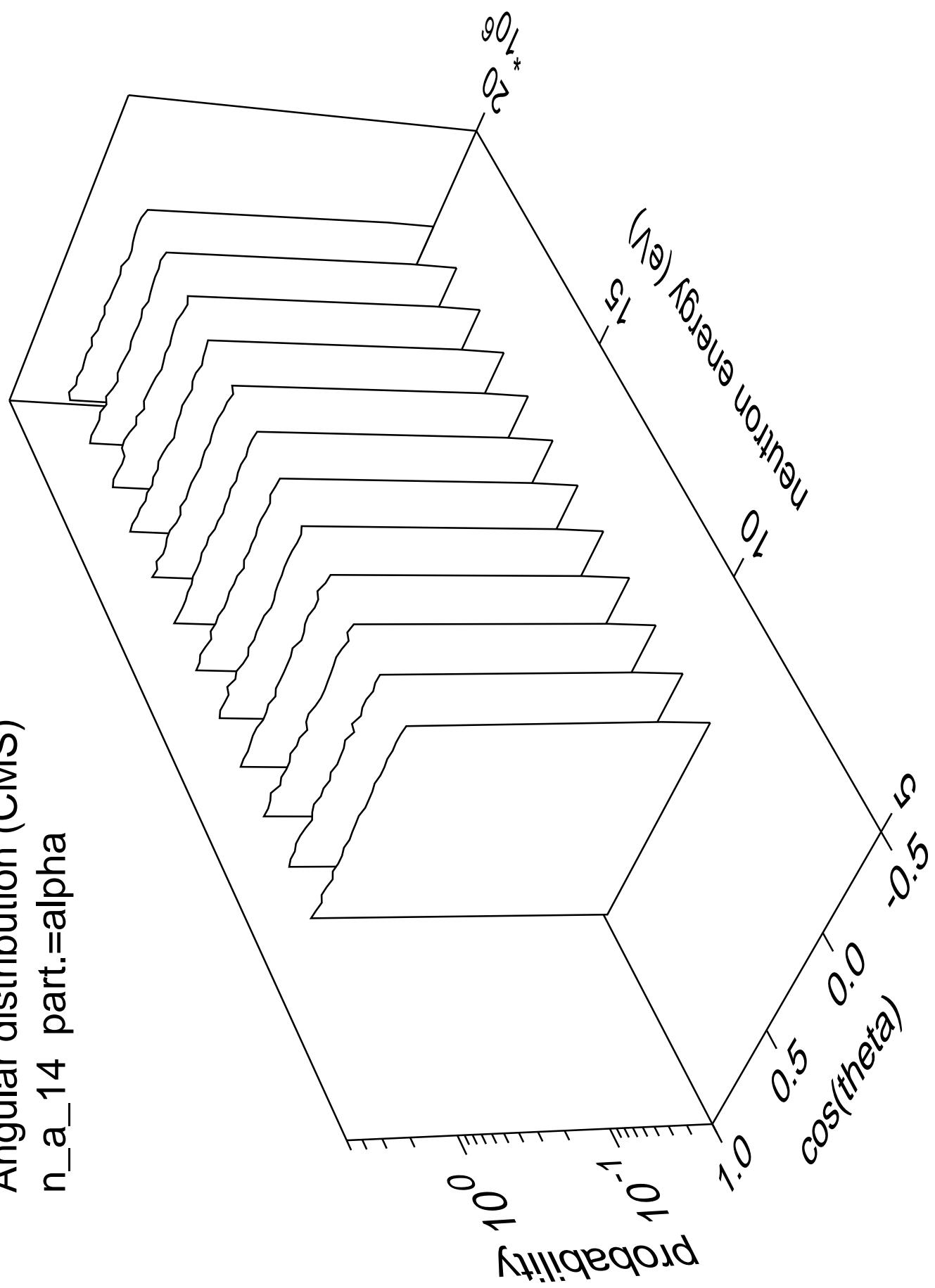


Angular distribution (CMS)  
n\_a\_12 part.=gamma

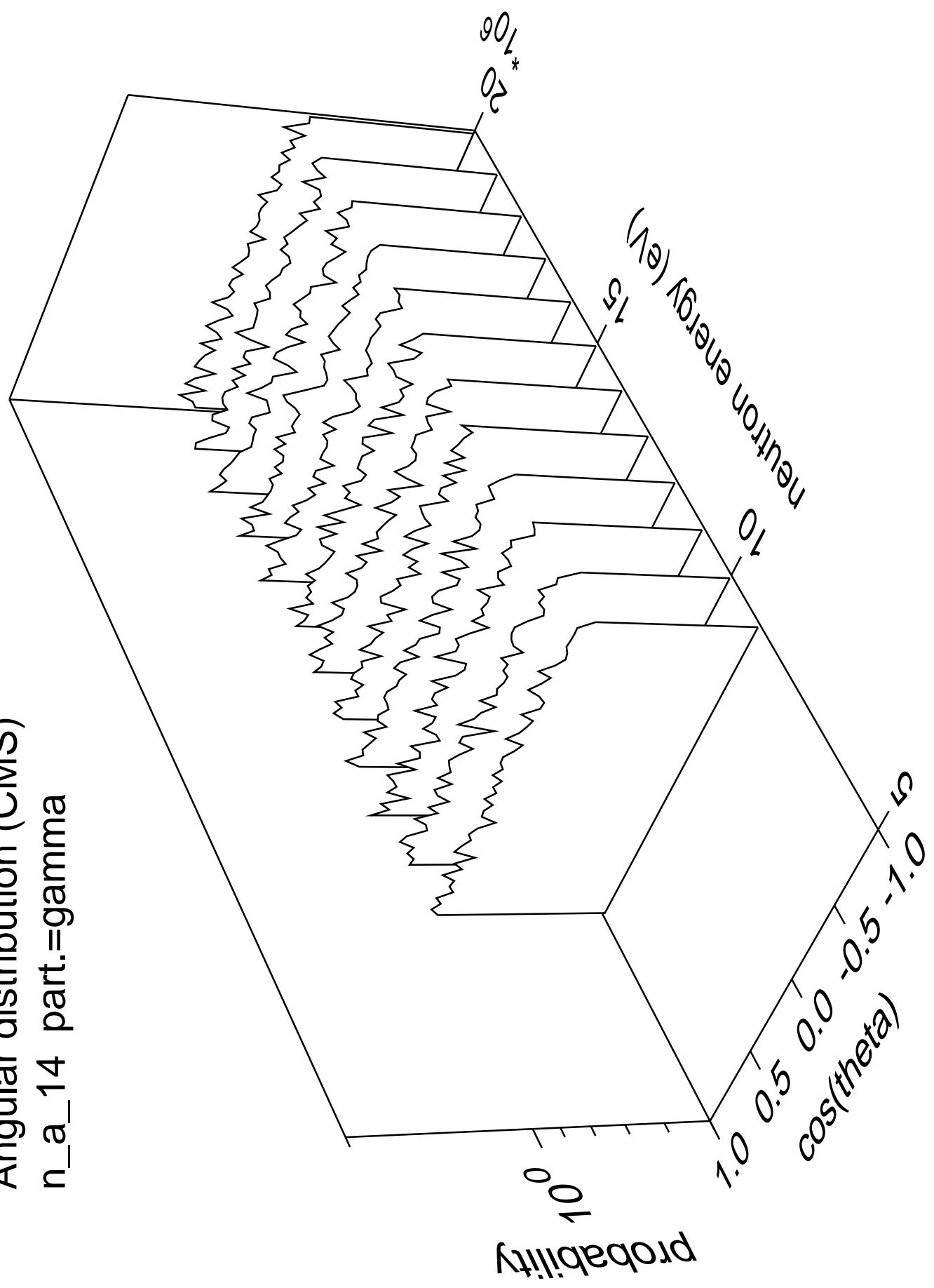




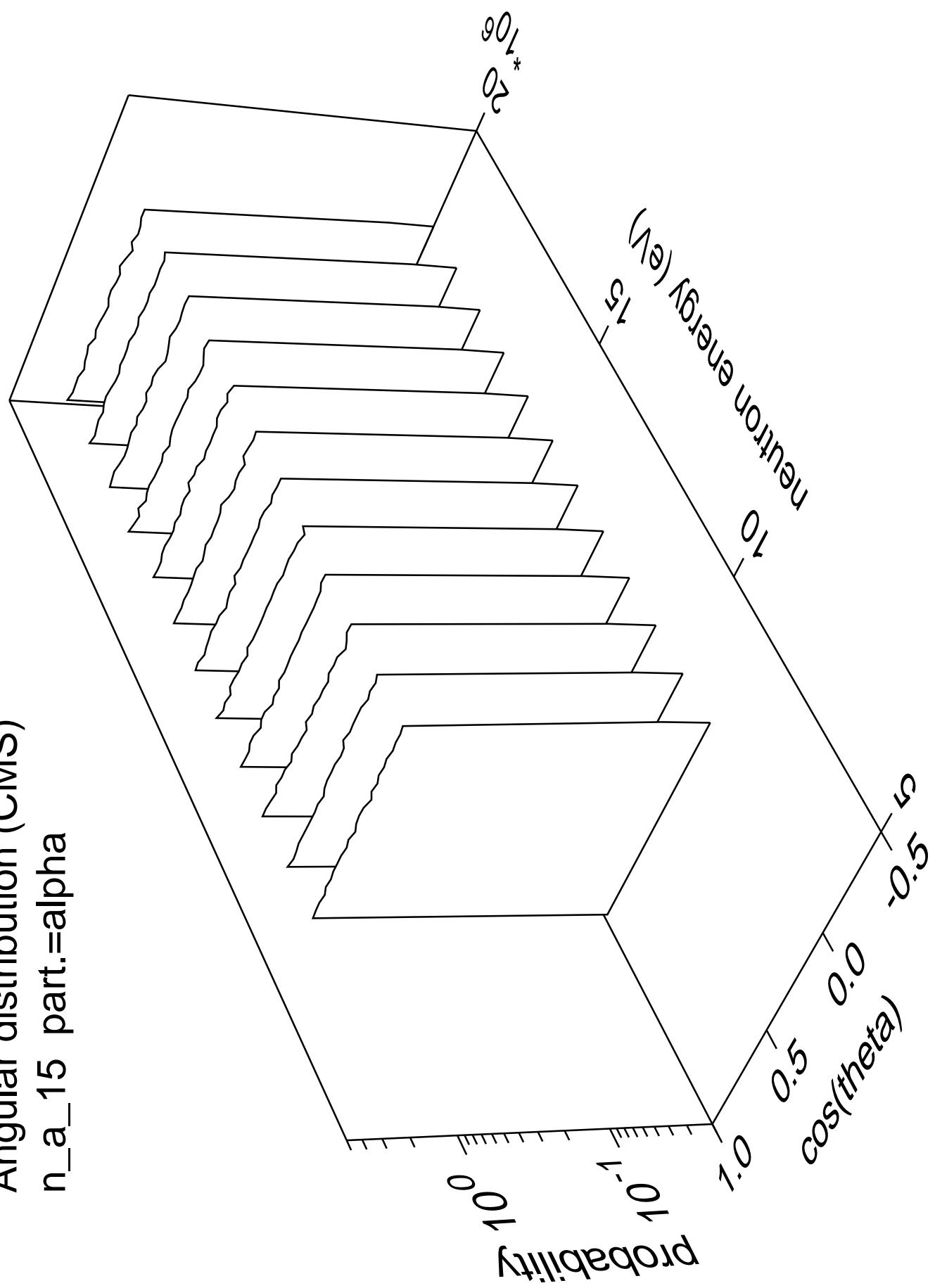
Angular distribution (CMS)  
n\_a\_14 part.=alpha



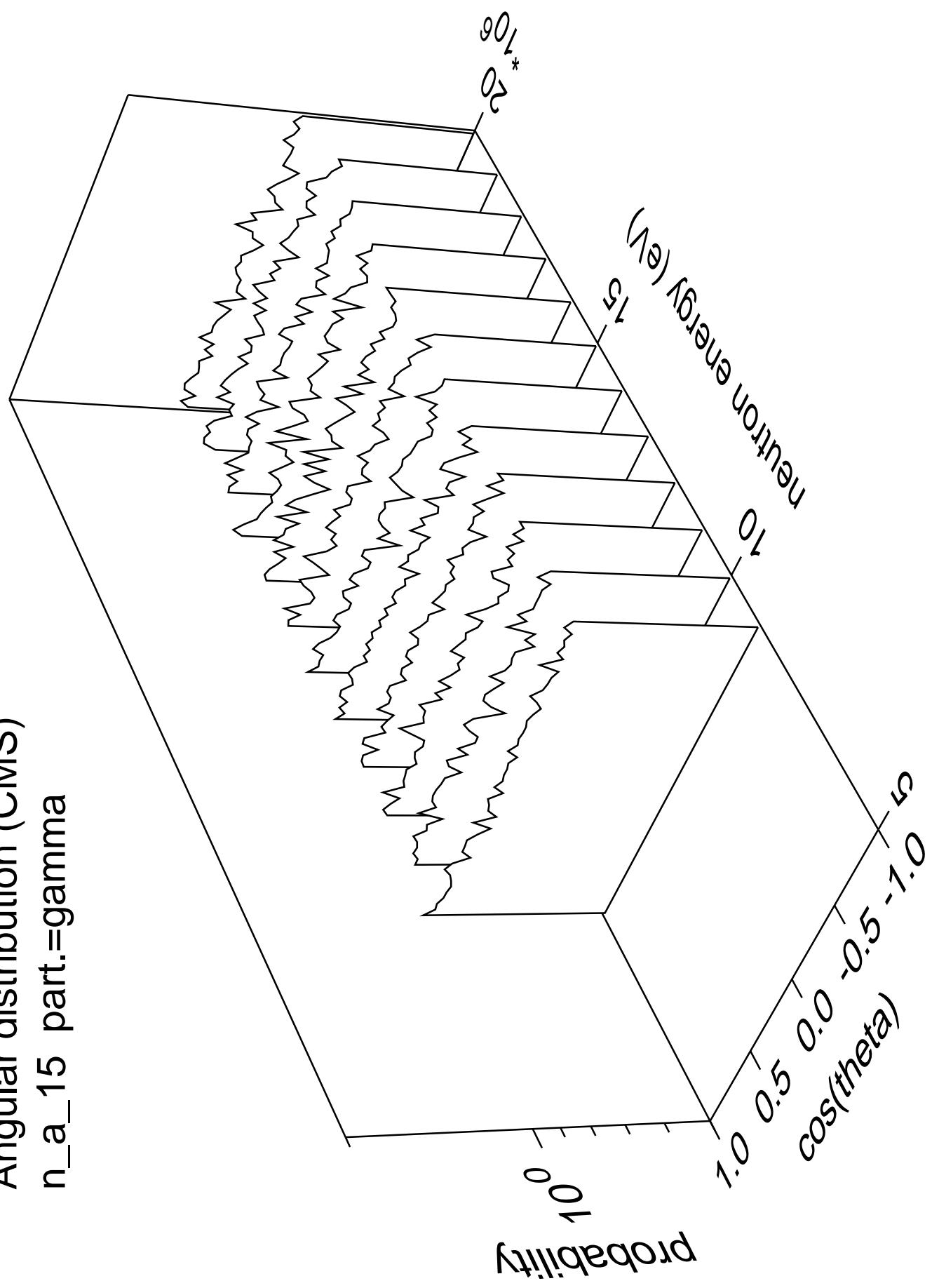
Angular distribution (CMS)  
n\_a\_14 part.=gamma

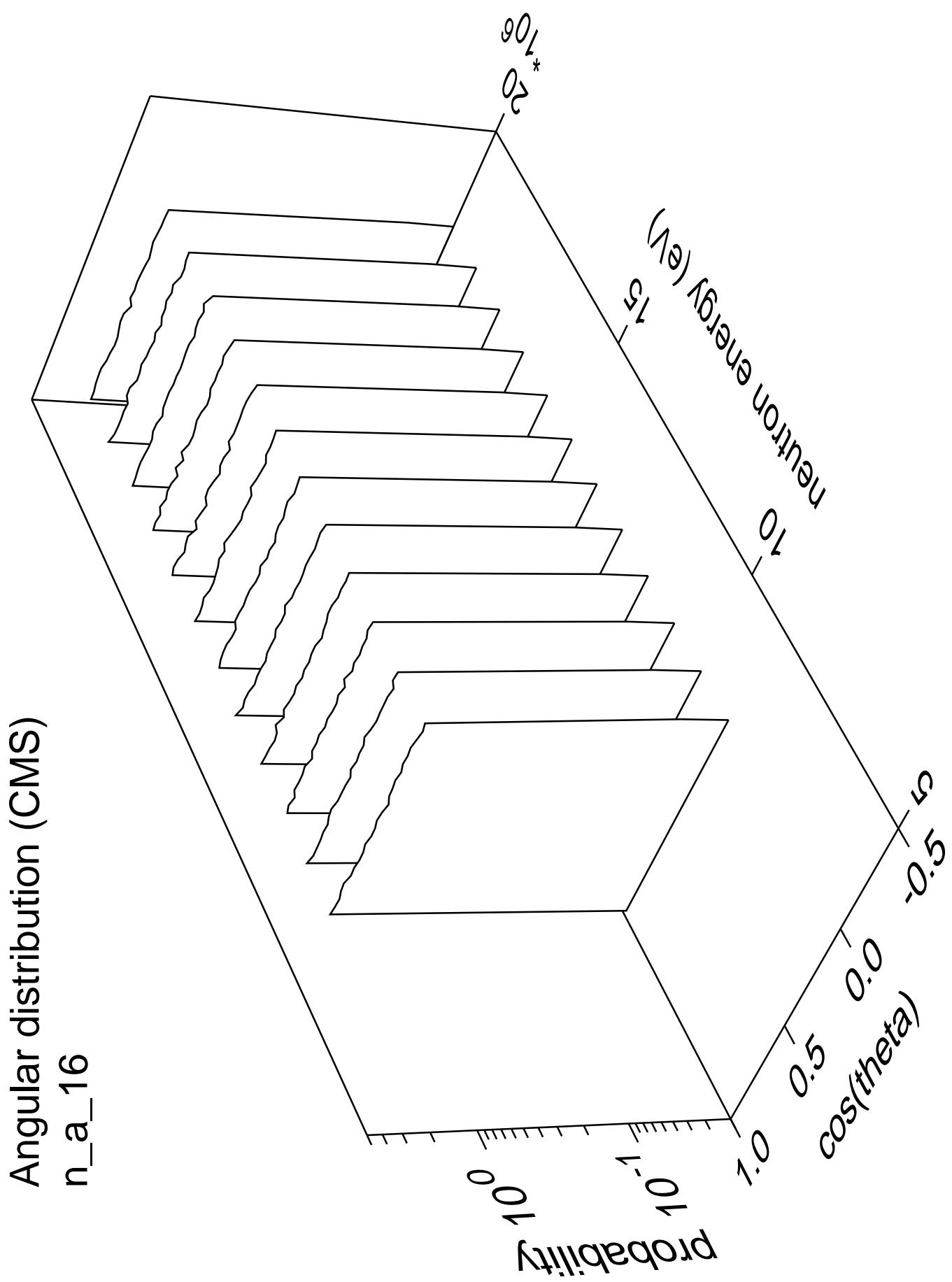


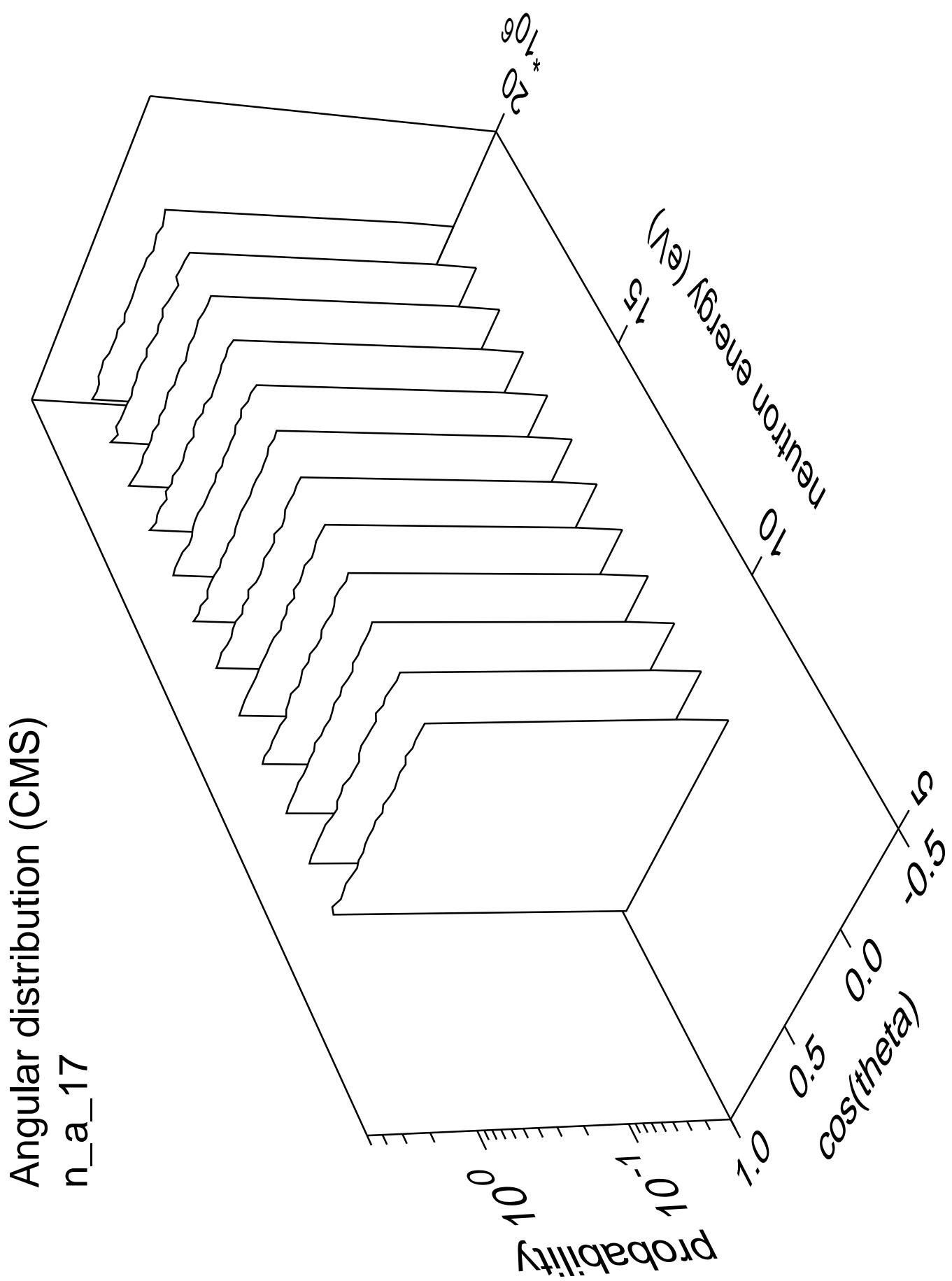
Angular distribution (CMS)  
n\_a\_15 part.=alpha



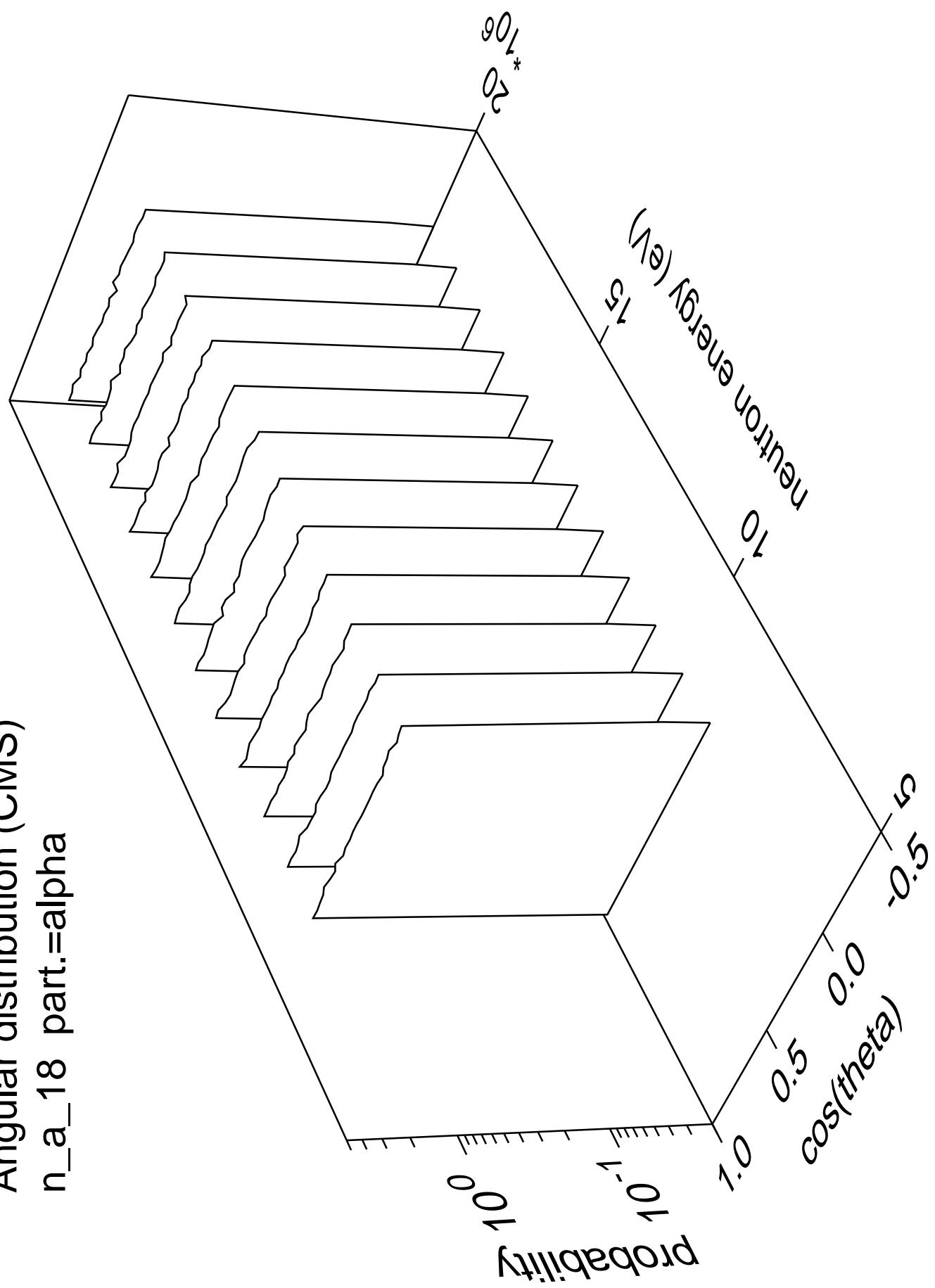
Angular distribution (CMS)  
n\_a\_15 part.=gamma



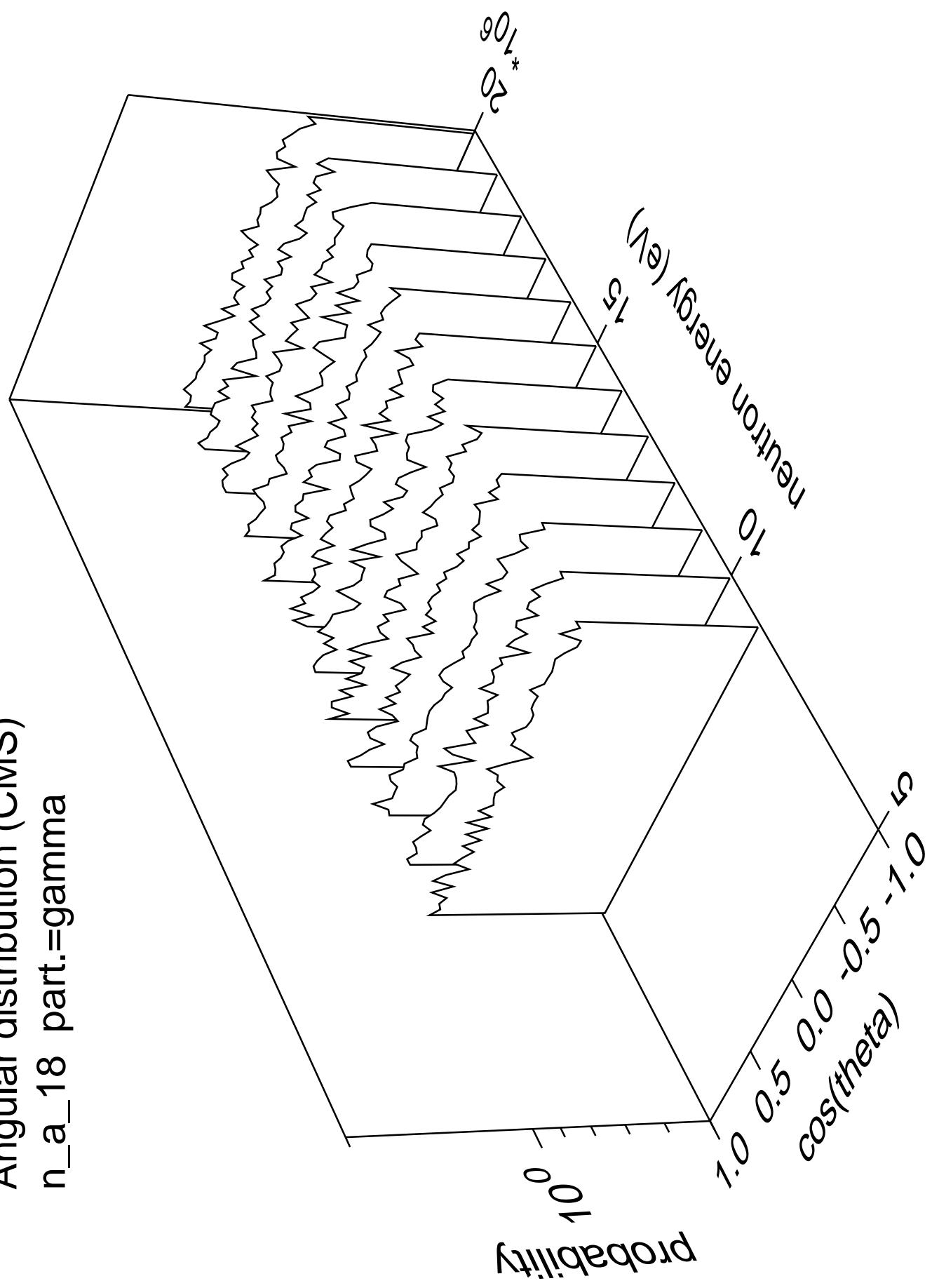


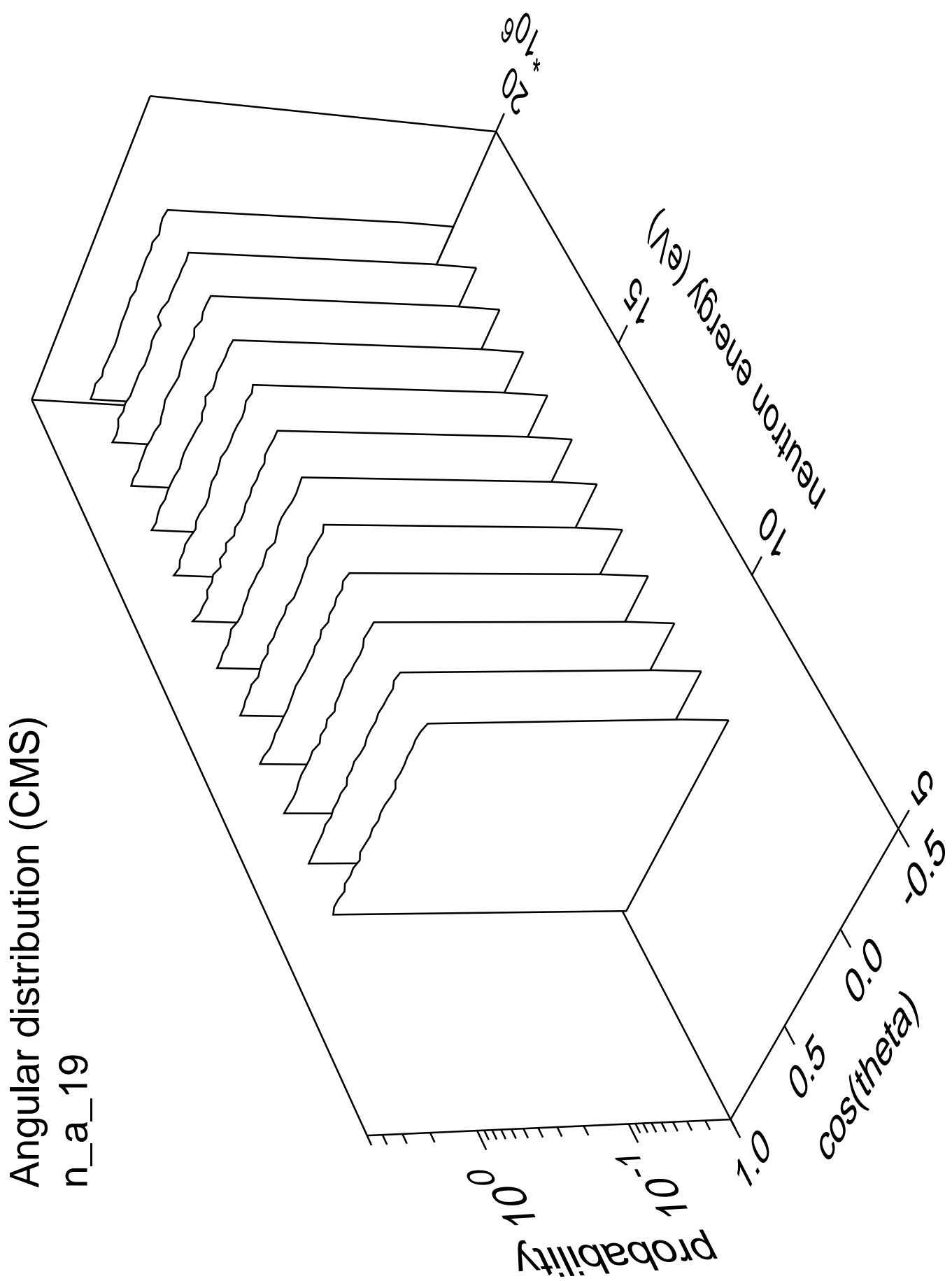


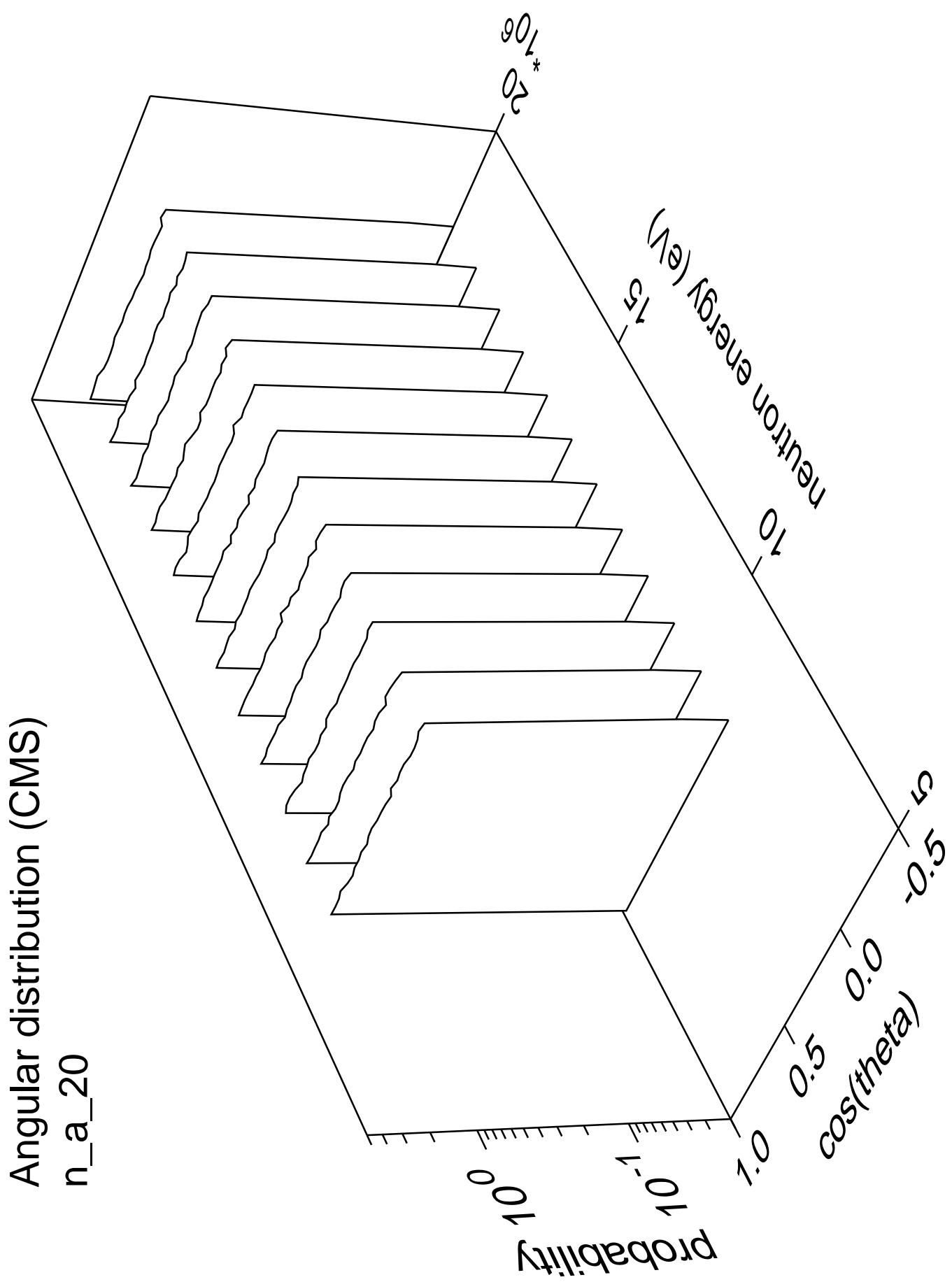
Angular distribution (CMS)  
n\_a\_18 part.=alpha

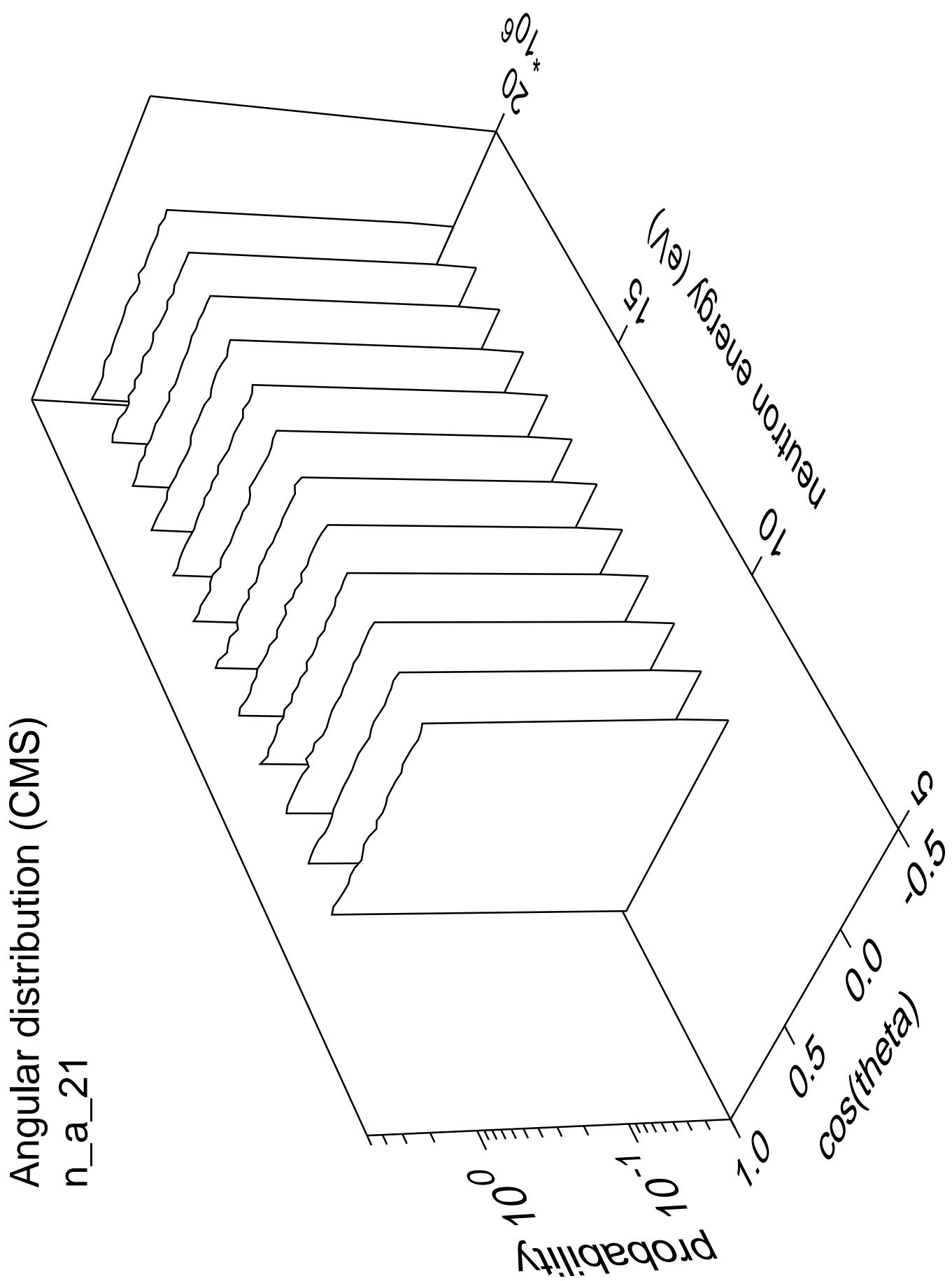


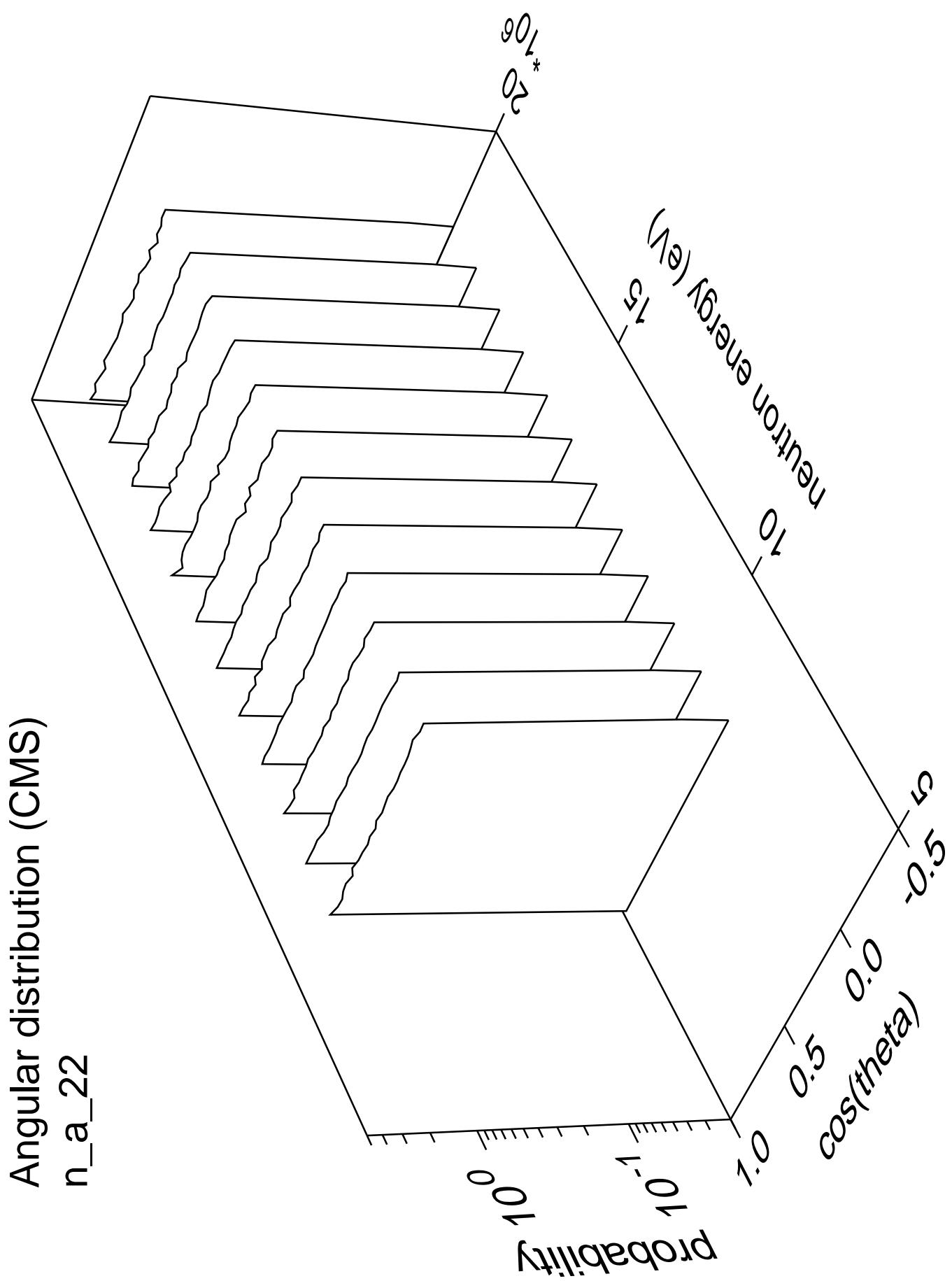
Angular distribution (CMS)  
n\_a\_18 part.=gamma

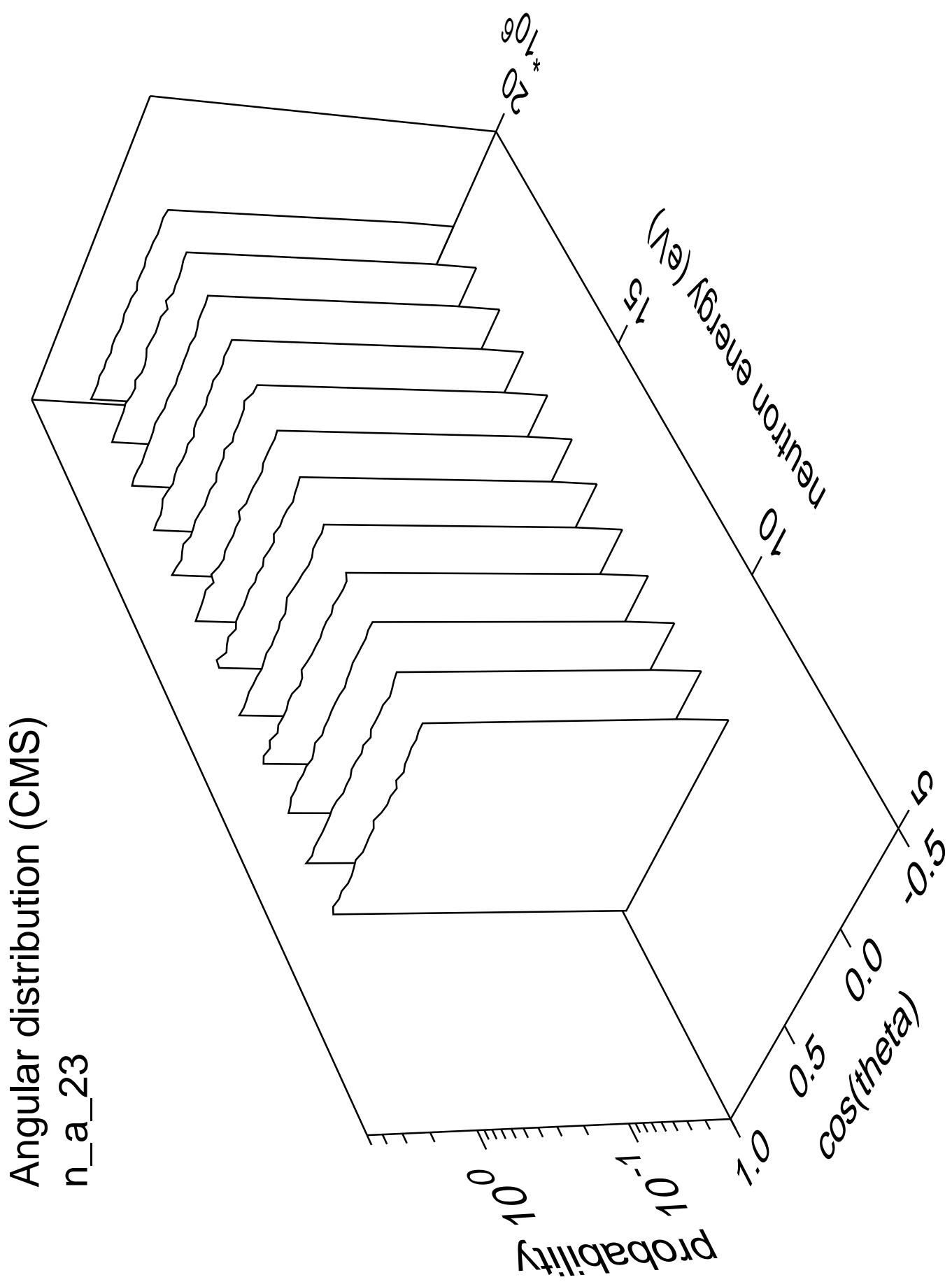




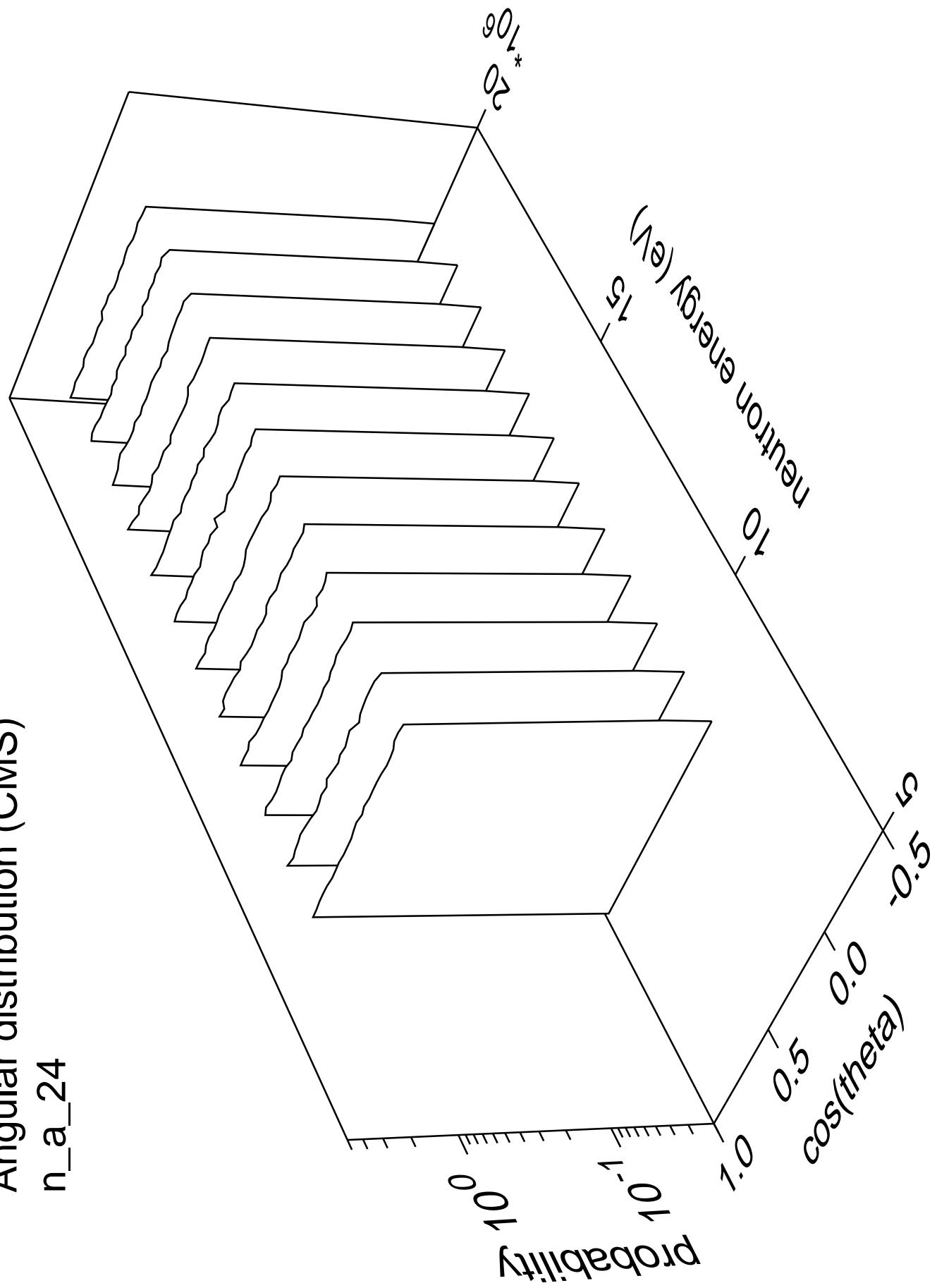


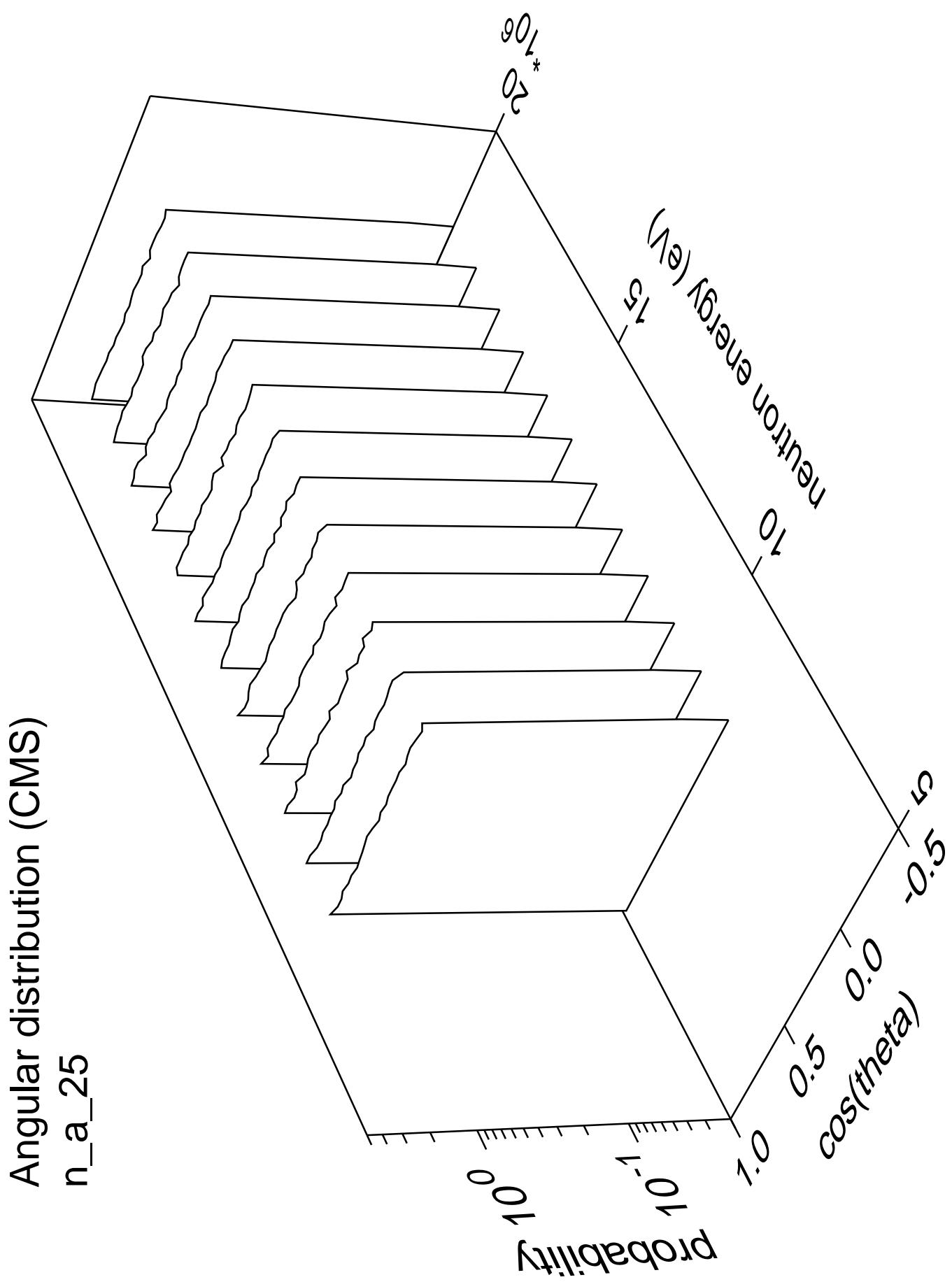


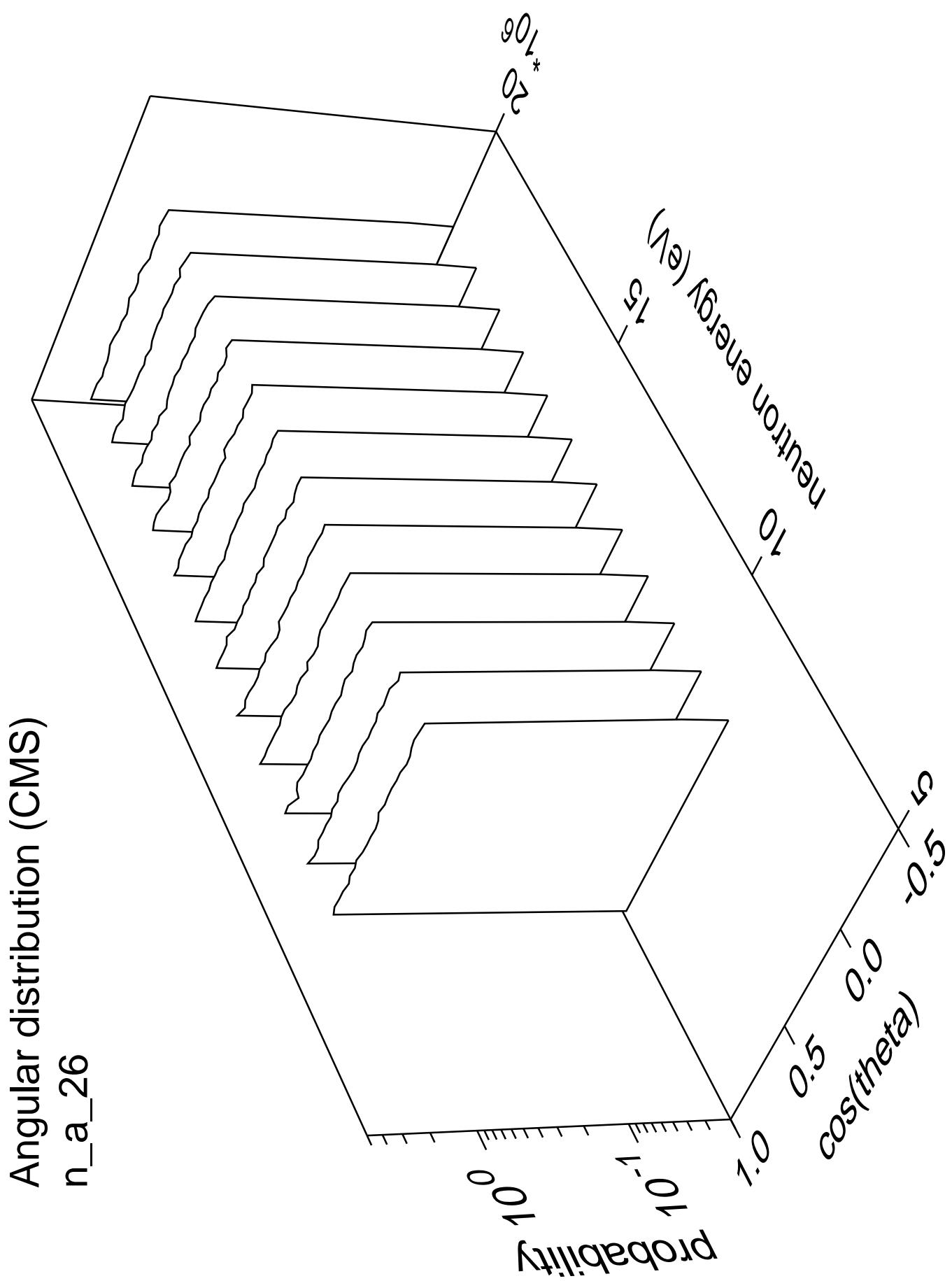


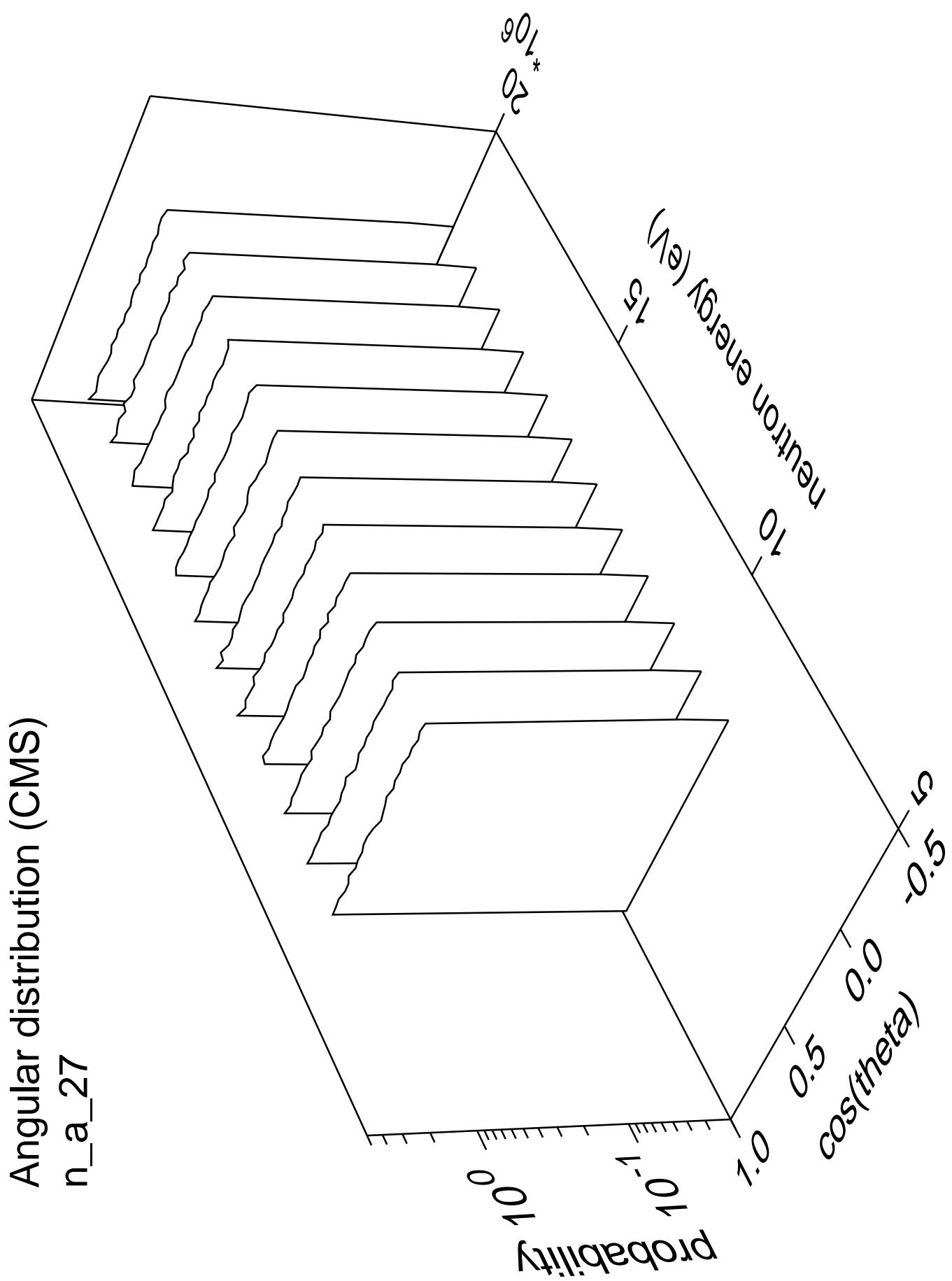


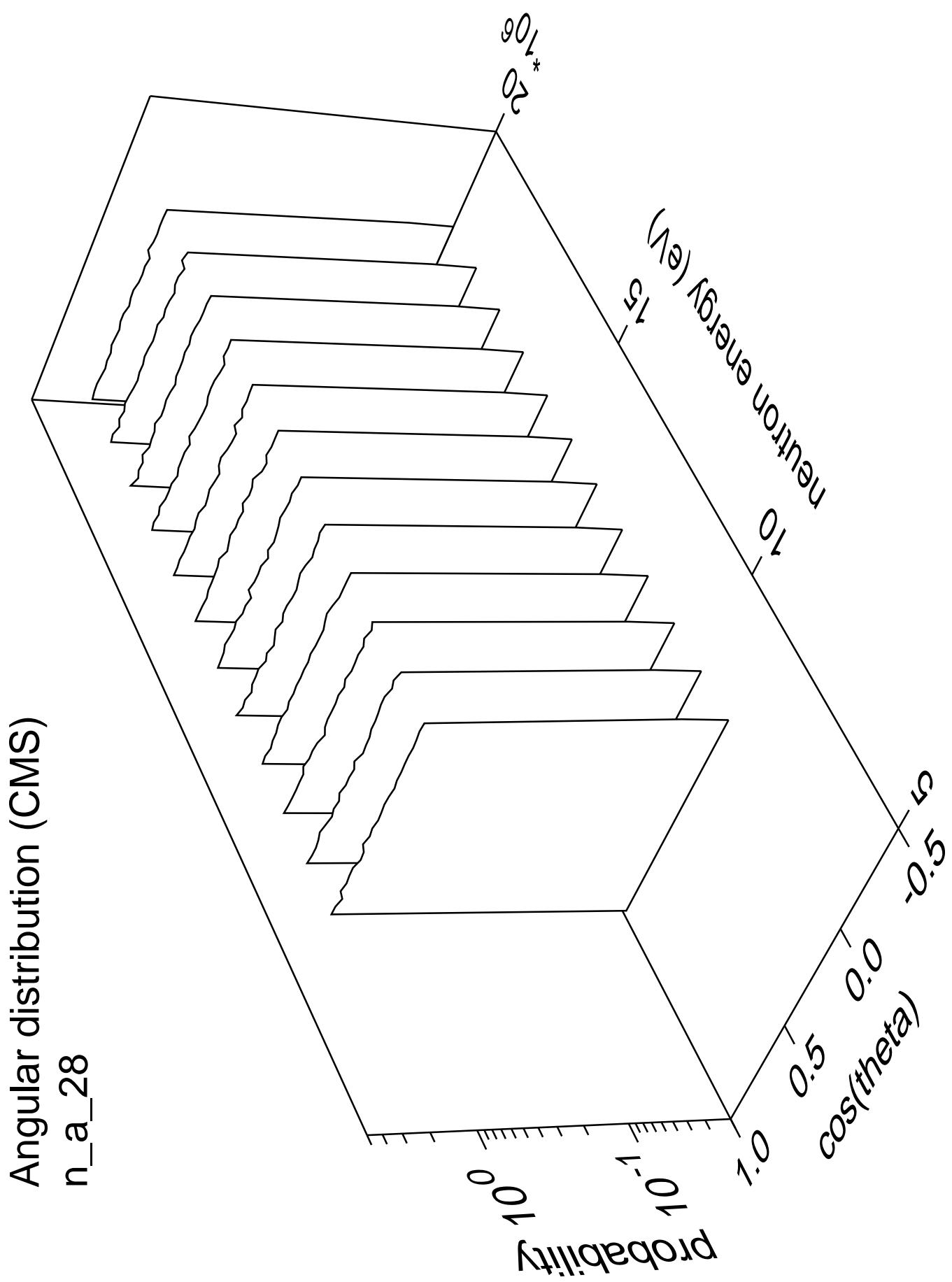
Angular distribution (CMS)  
n\_a\_24

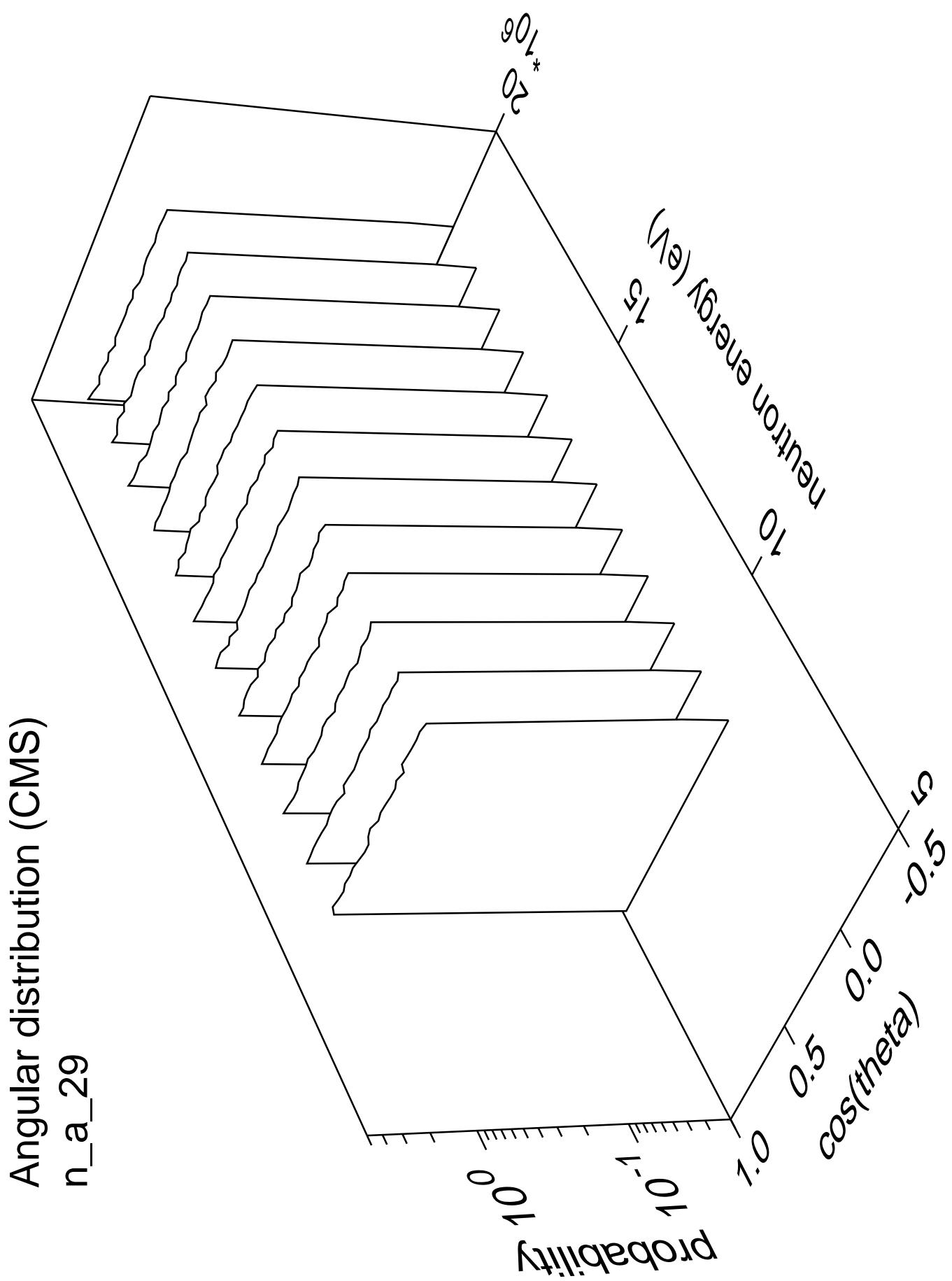




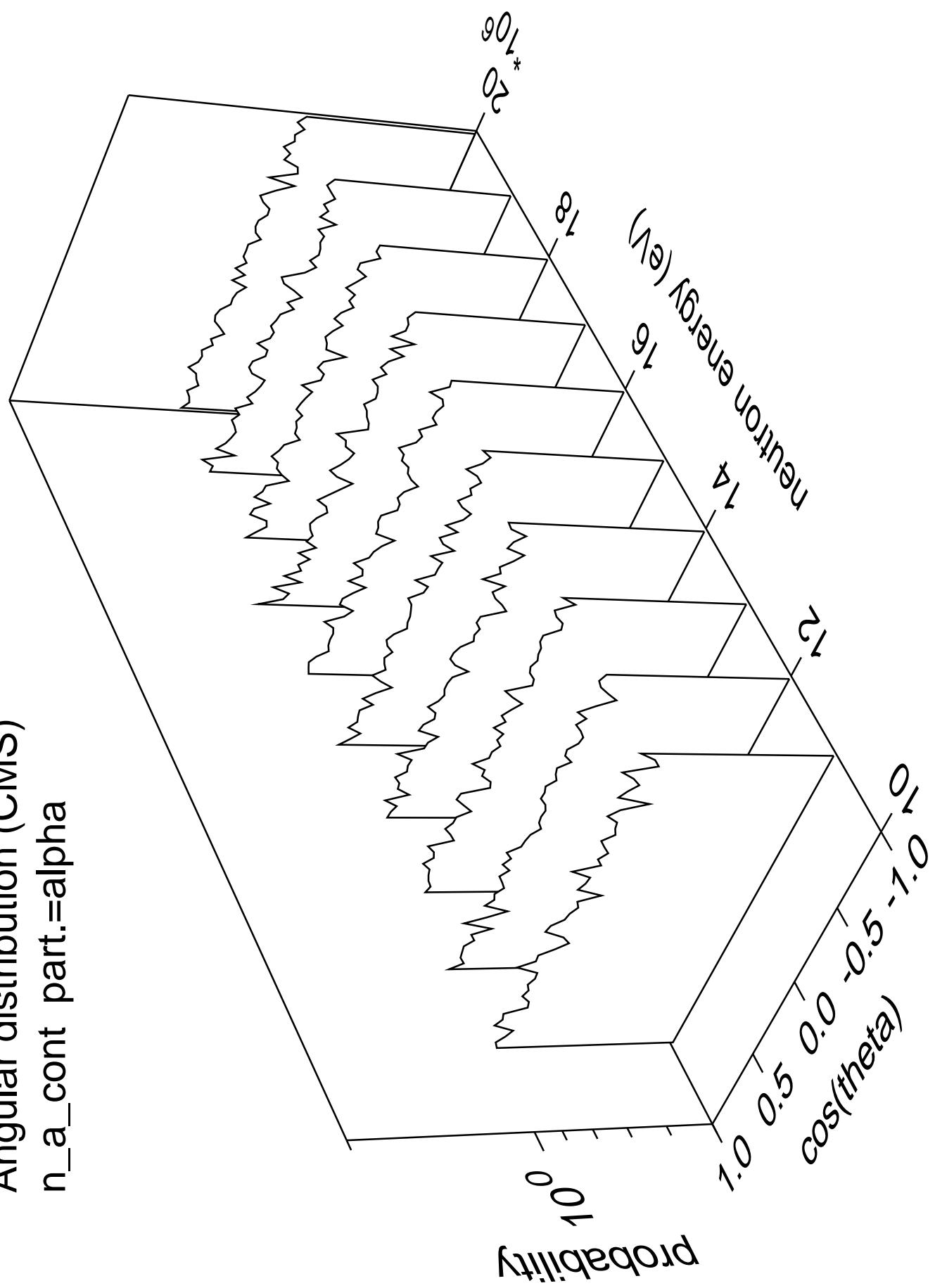




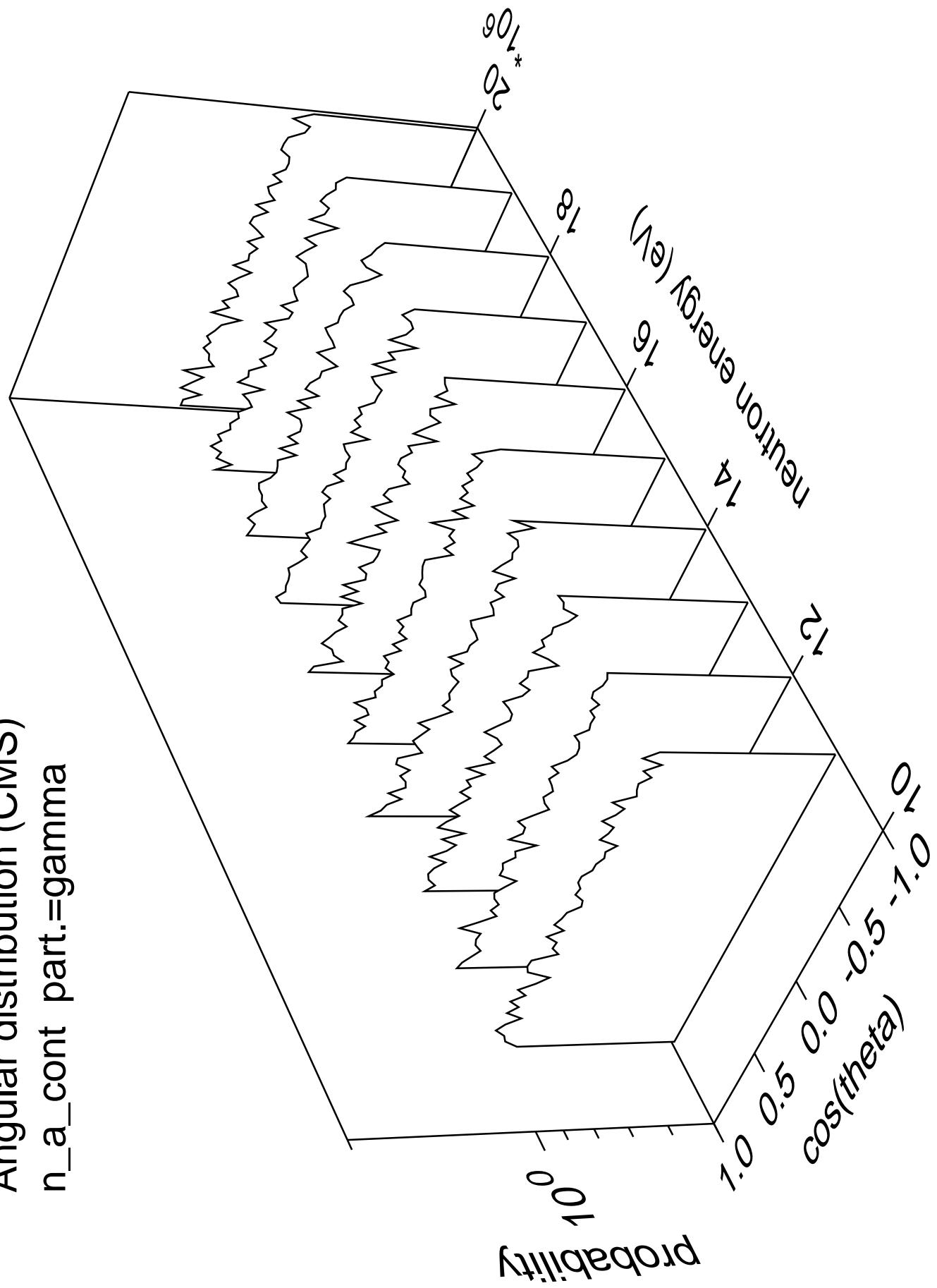




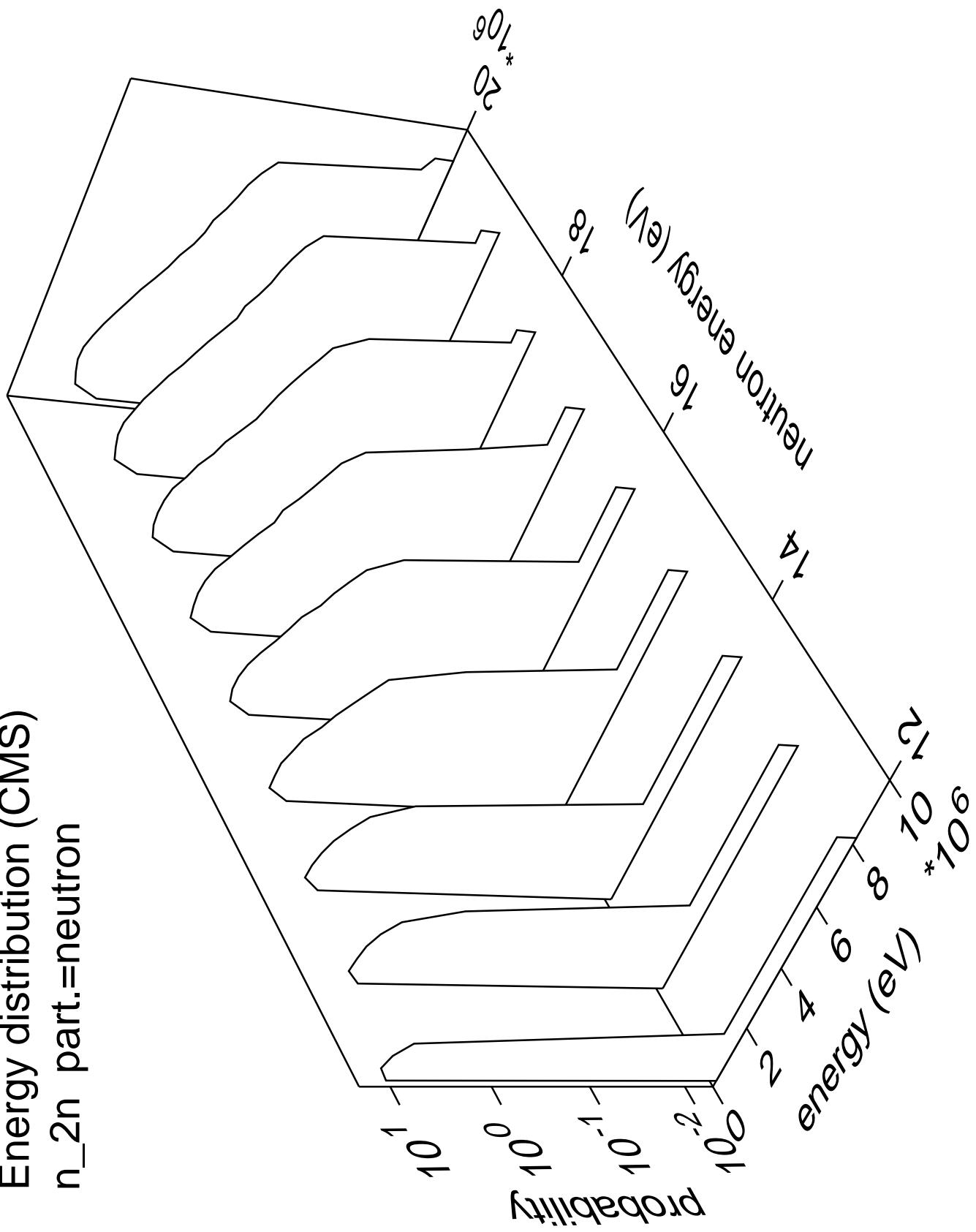
Angular distribution (CMS)  
n\_a\_cont part.=alpha



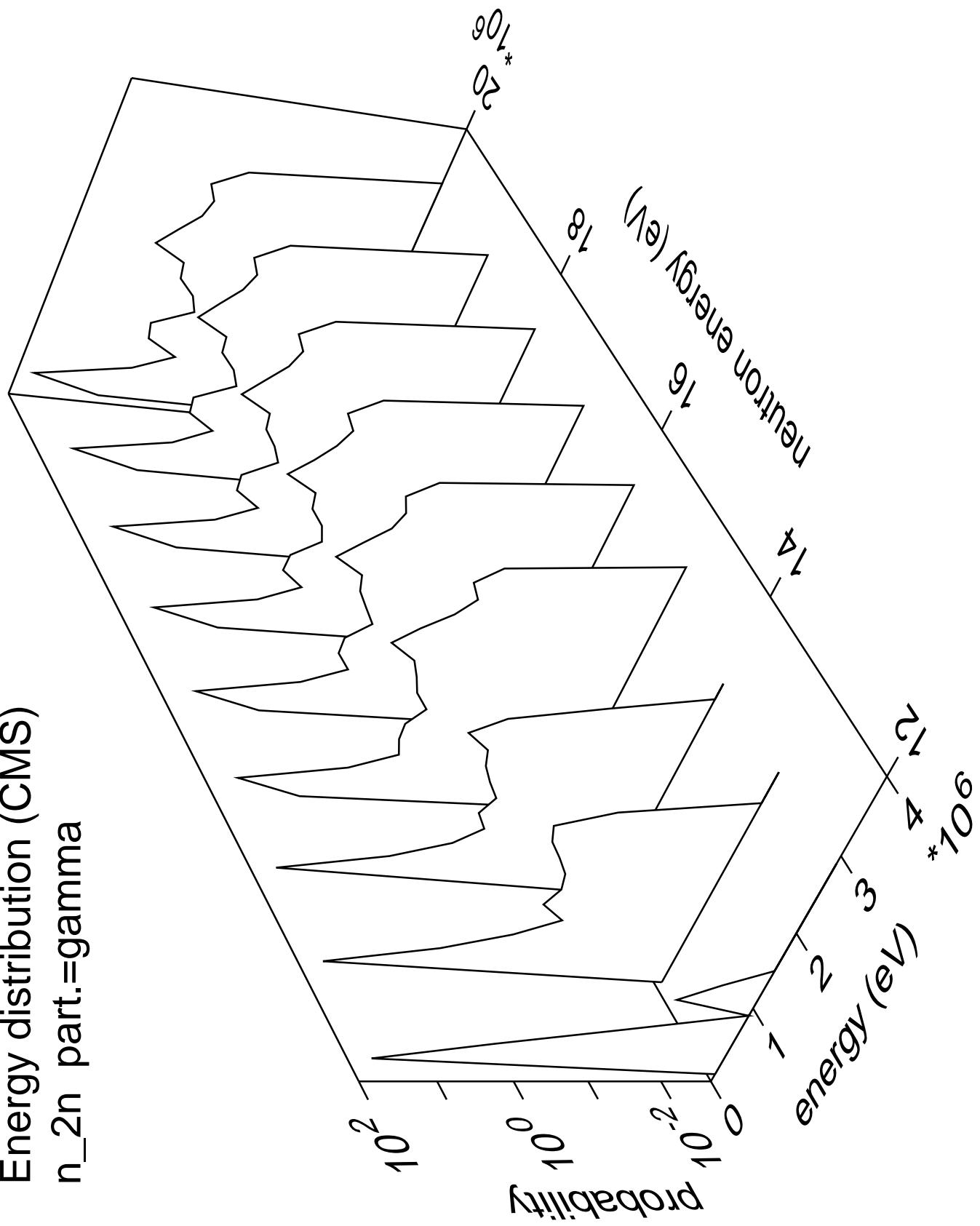
Angular distribution (CMS)  
n\_a\_cont part.=gamma



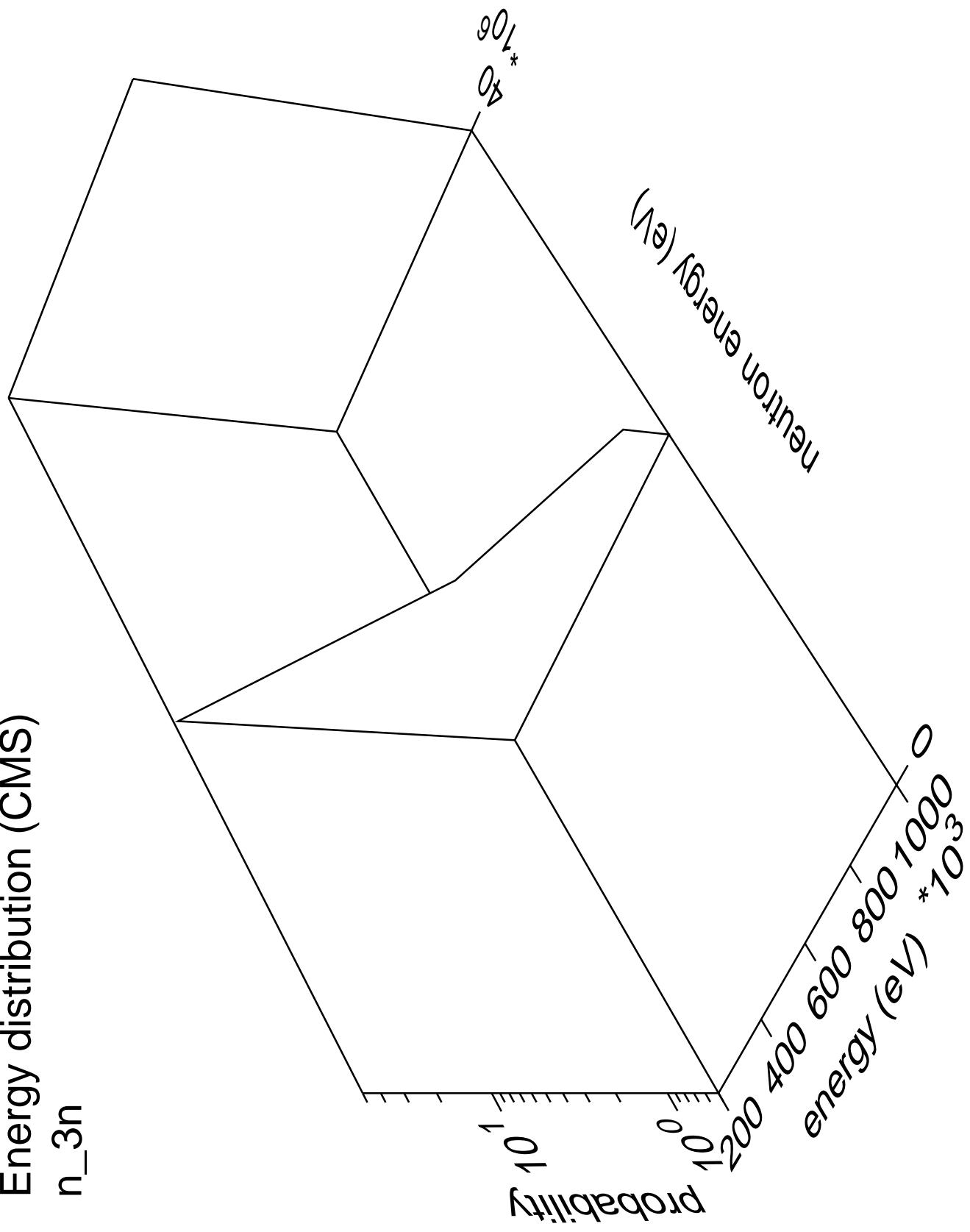
Energy distribution (CMS)  
 $n_{2n}$  part.=neutron

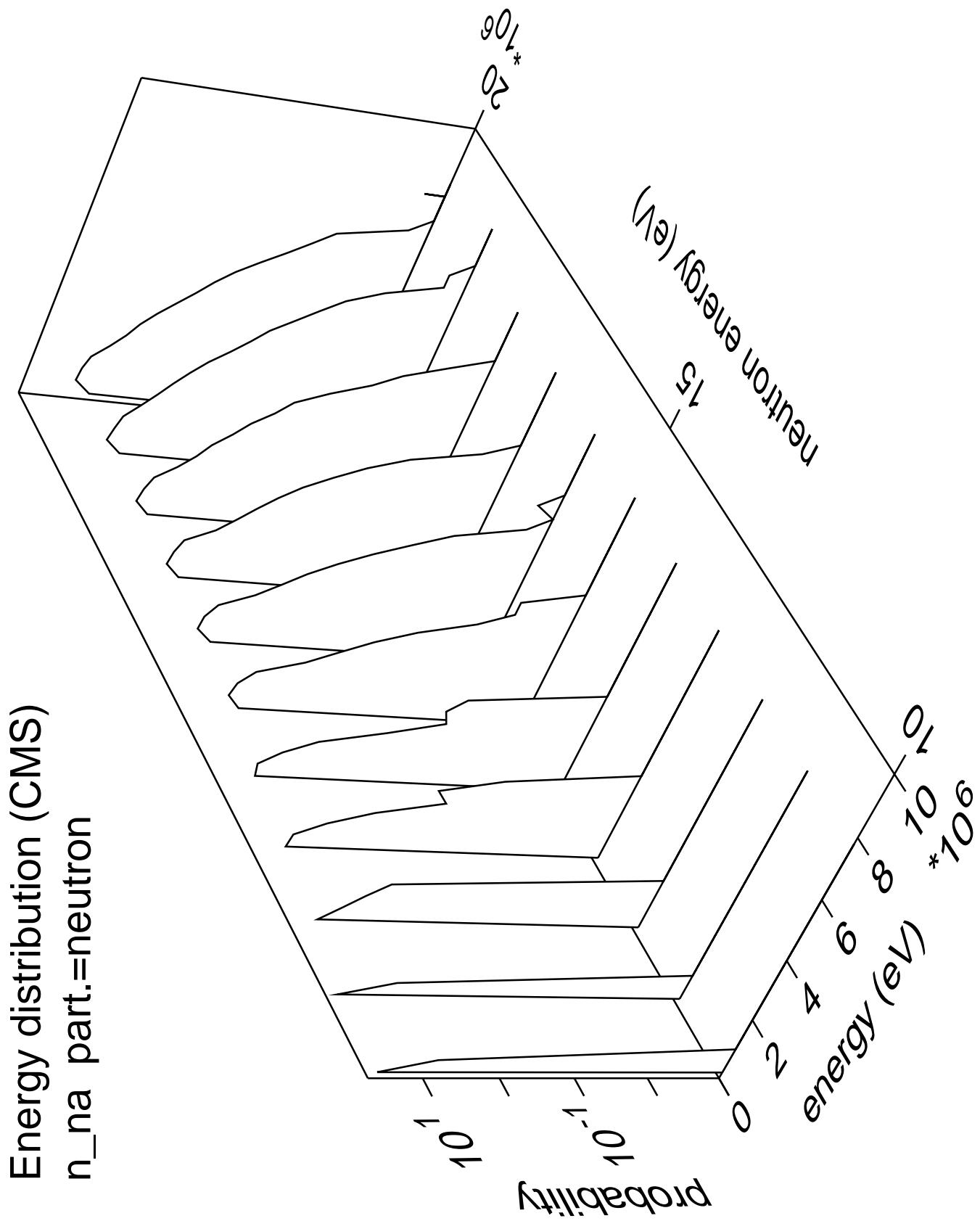


Energy distribution (CMS)  
 $n_{2n}$  part.=gamma

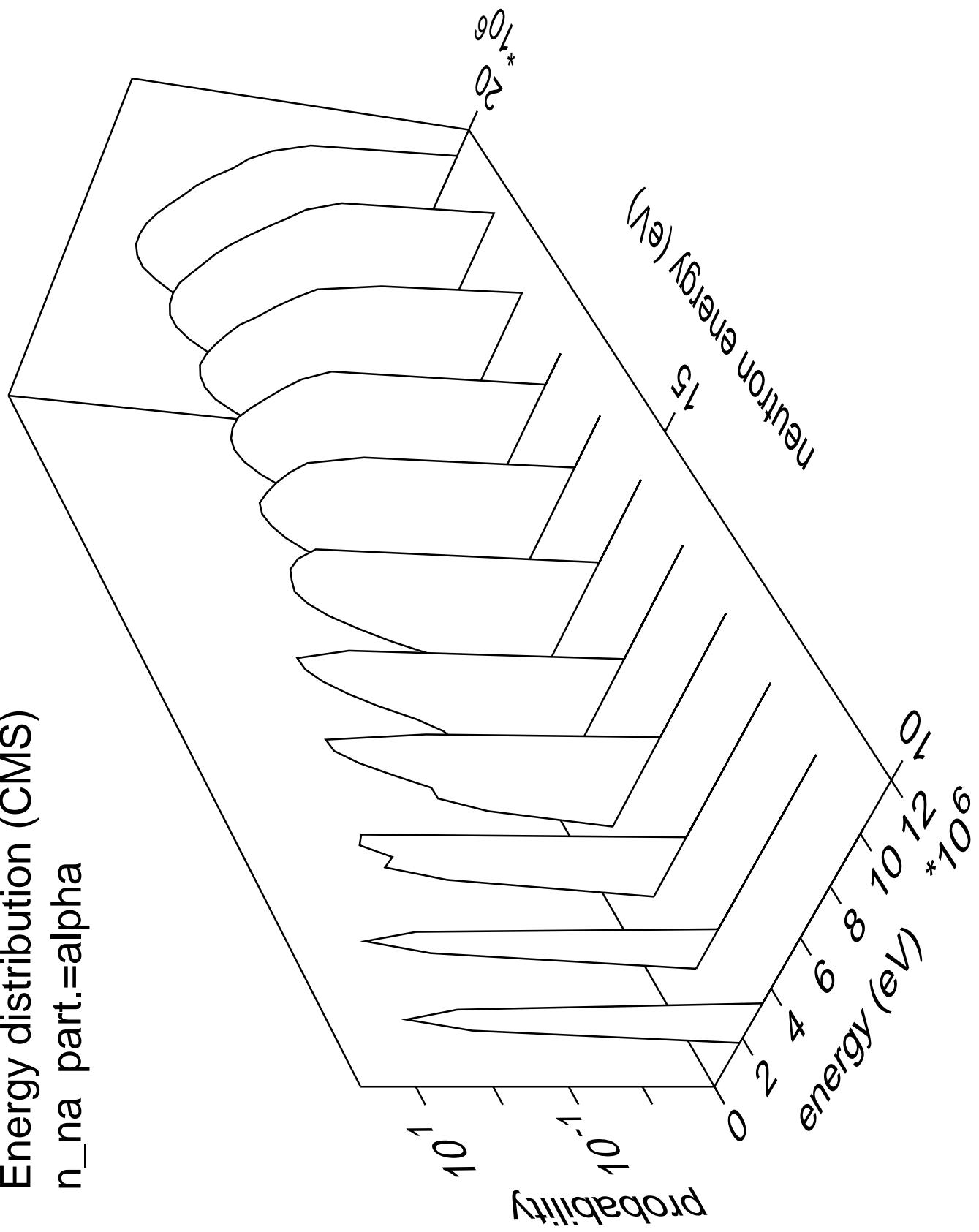


Energy distribution (CMS)  
 $n_{3n}$

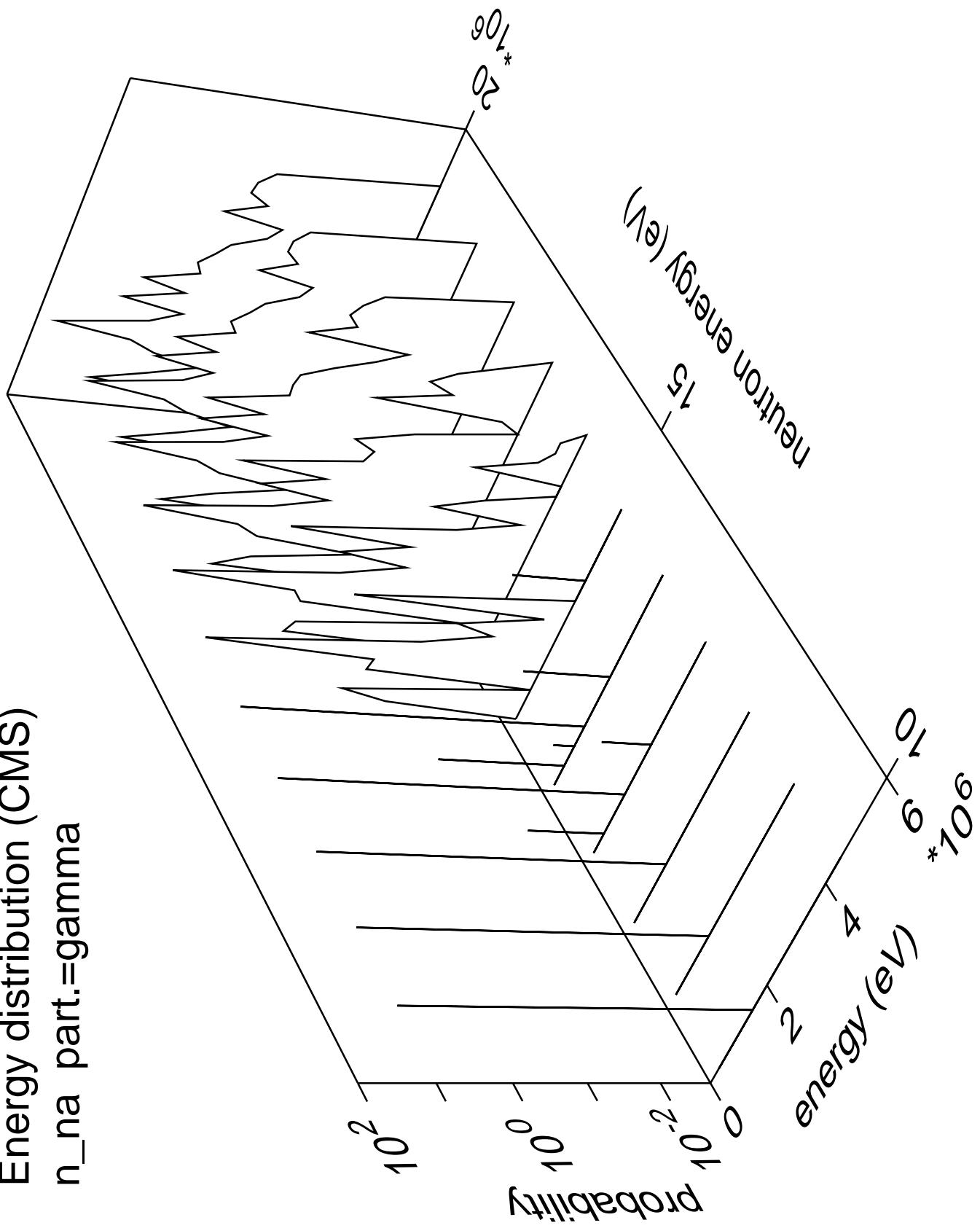




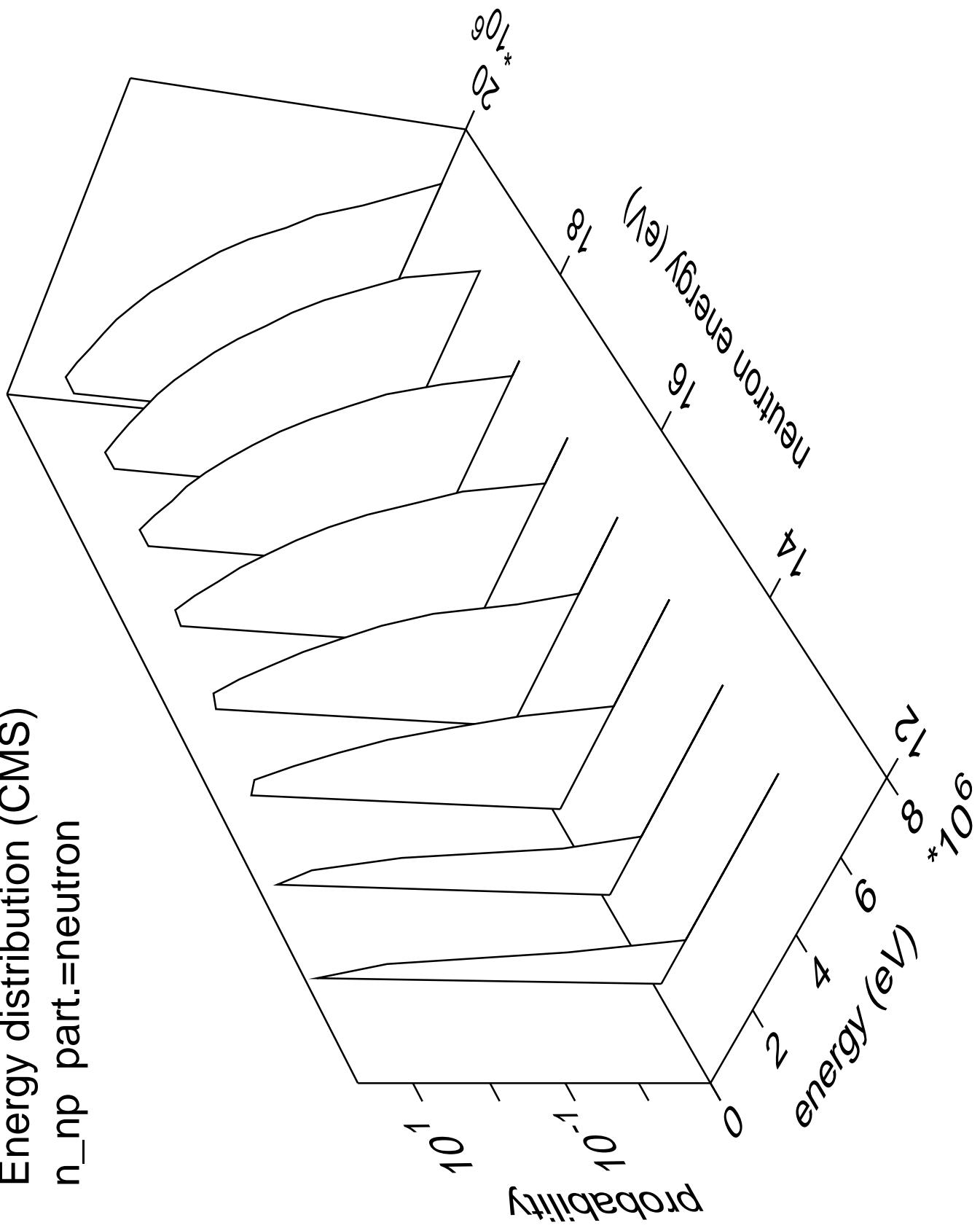
Energy distribution (CMS)  
 $n_{na}$  part.=alpha



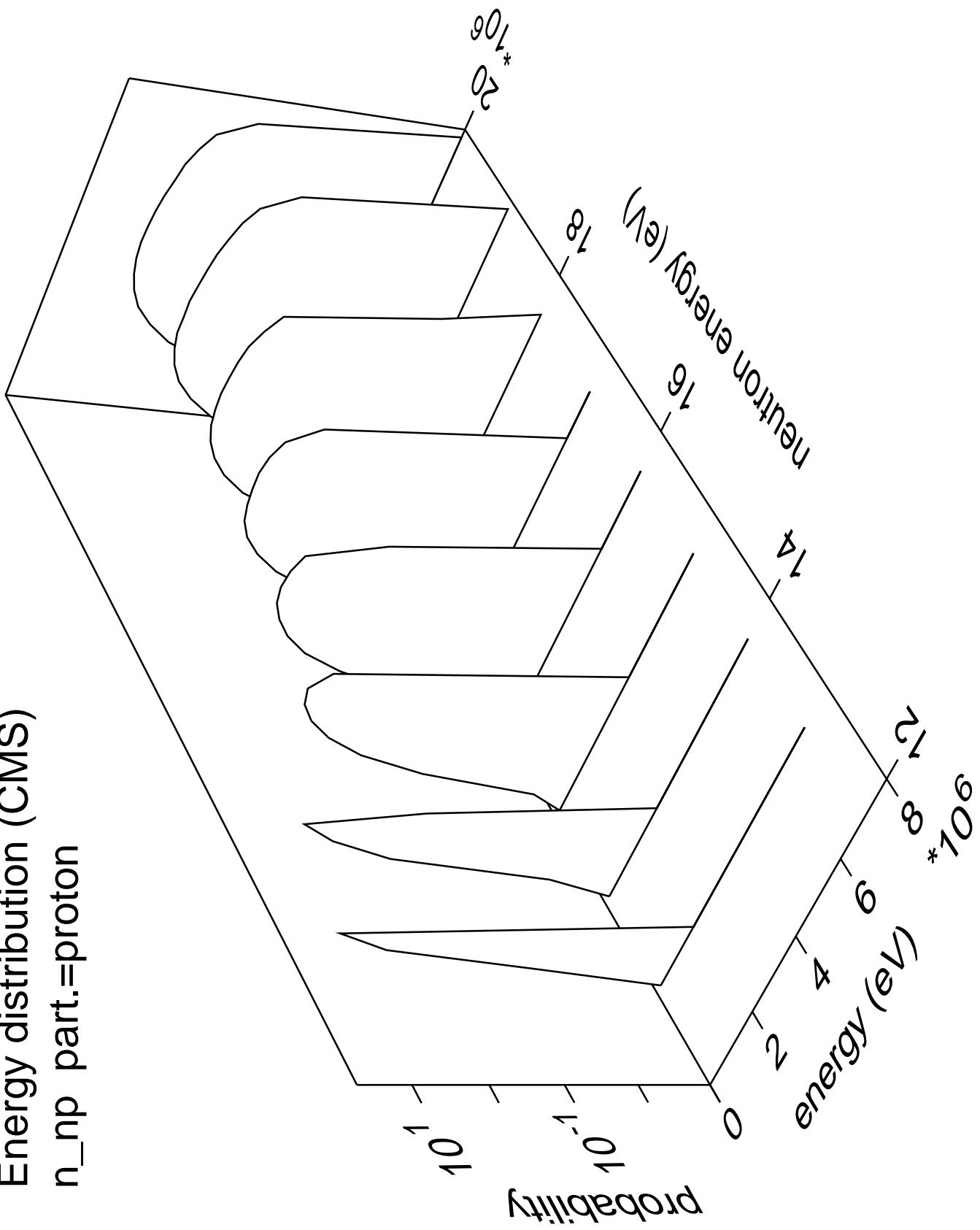
Energy distribution (CMS)  
 $n_{\text{na}}$  part.=gamma



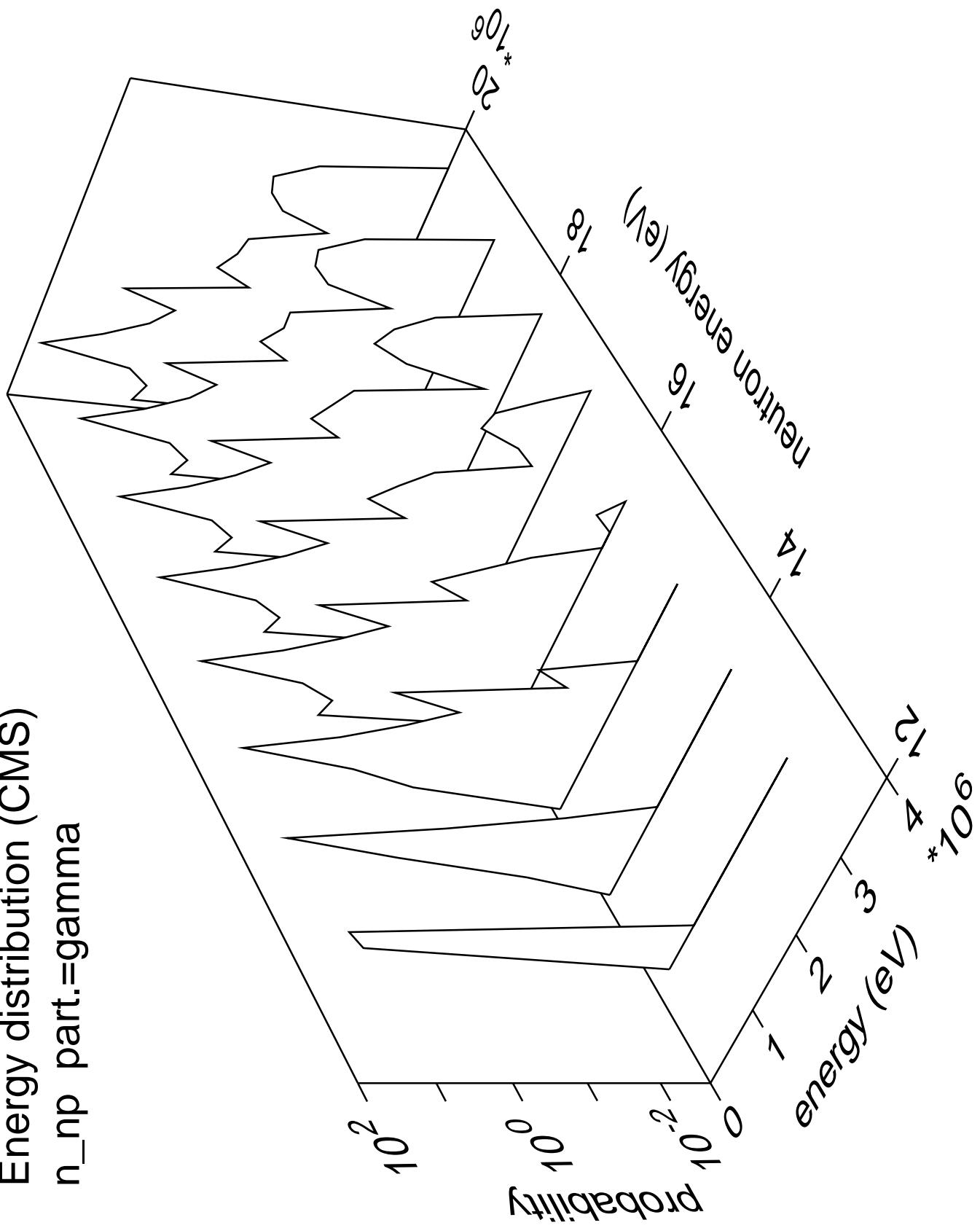
Energy distribution (CMS)  
 $n_{np}$  part.=neutron

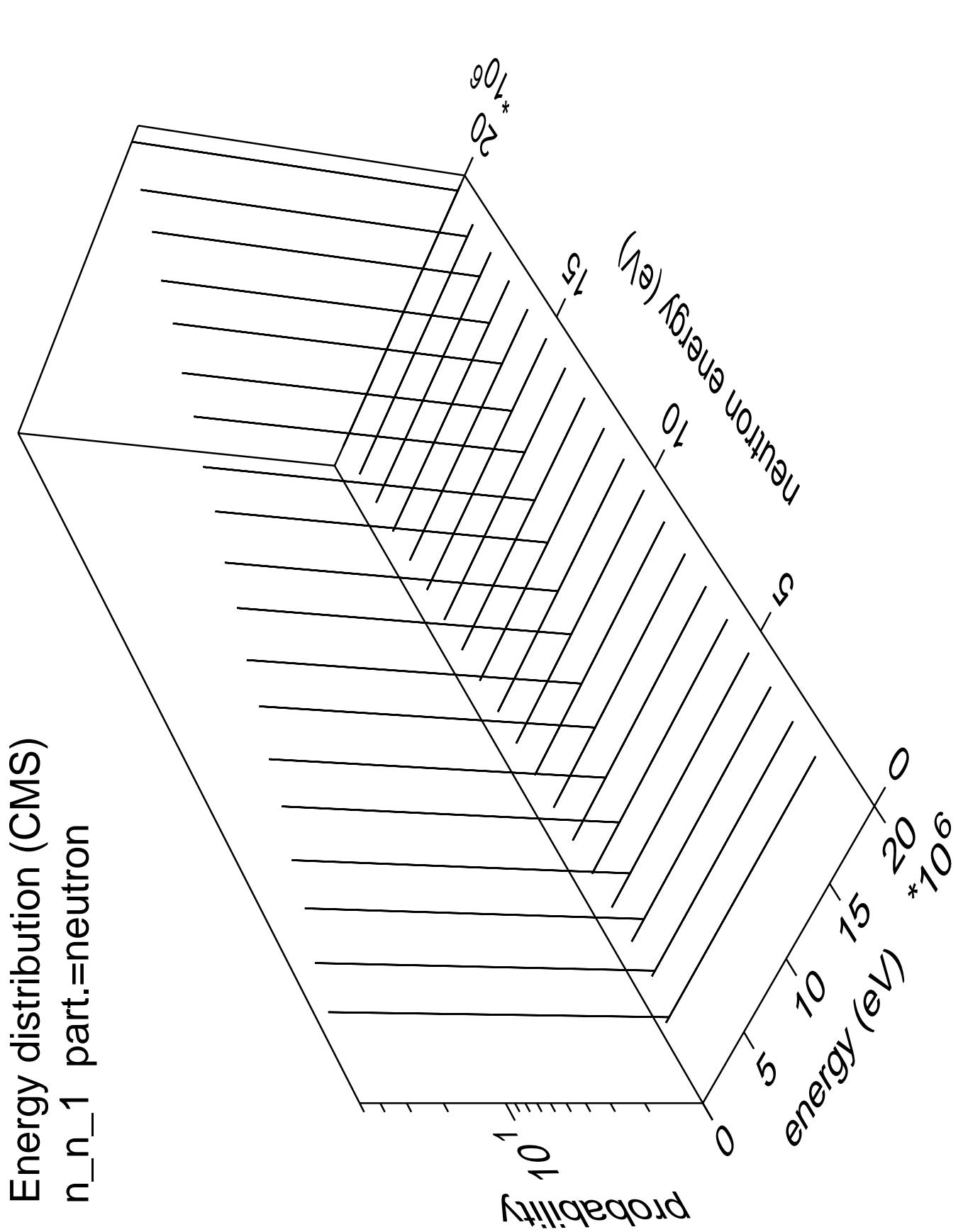


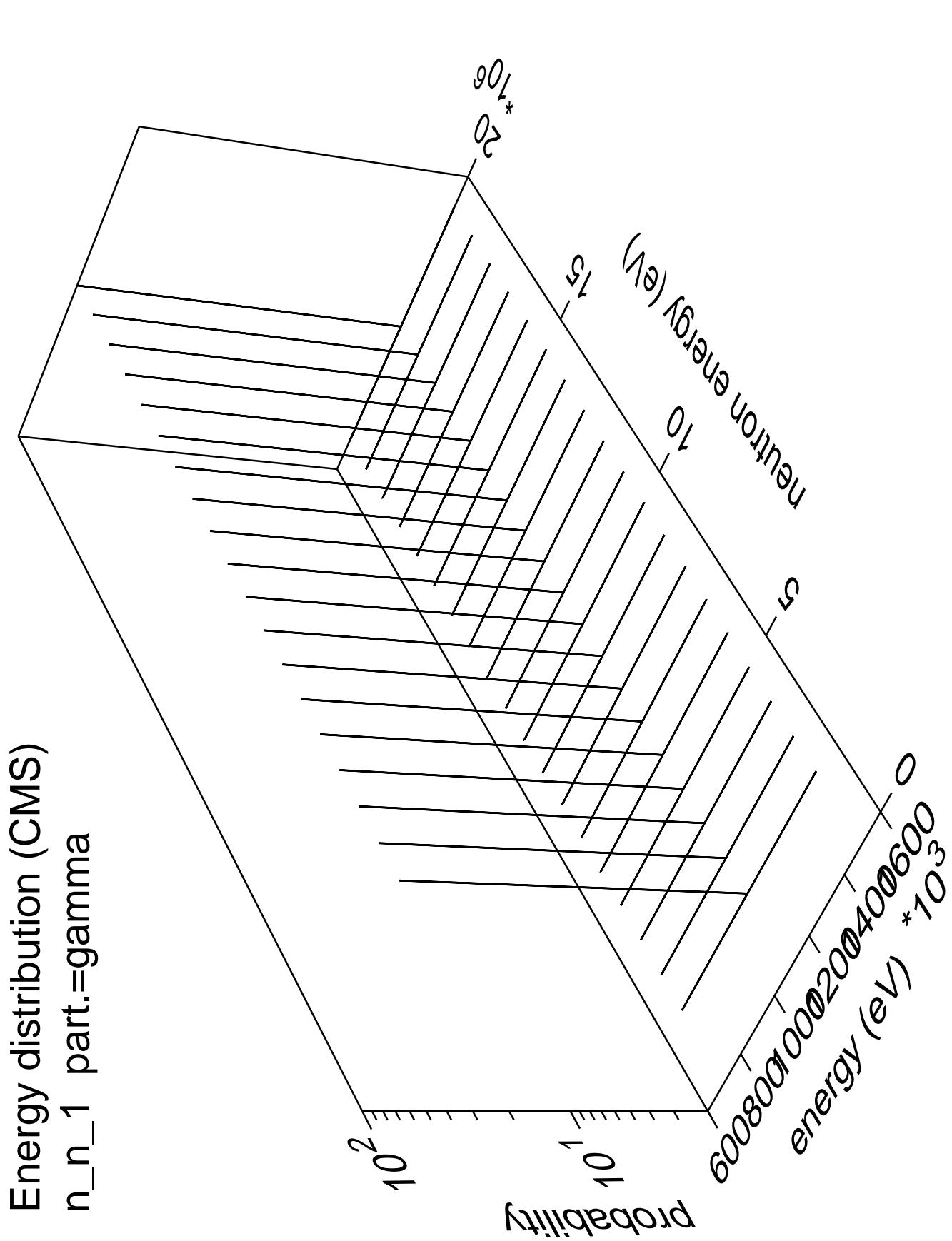
Energy distribution (CMS)  
 $n_{np}$  part.=proton



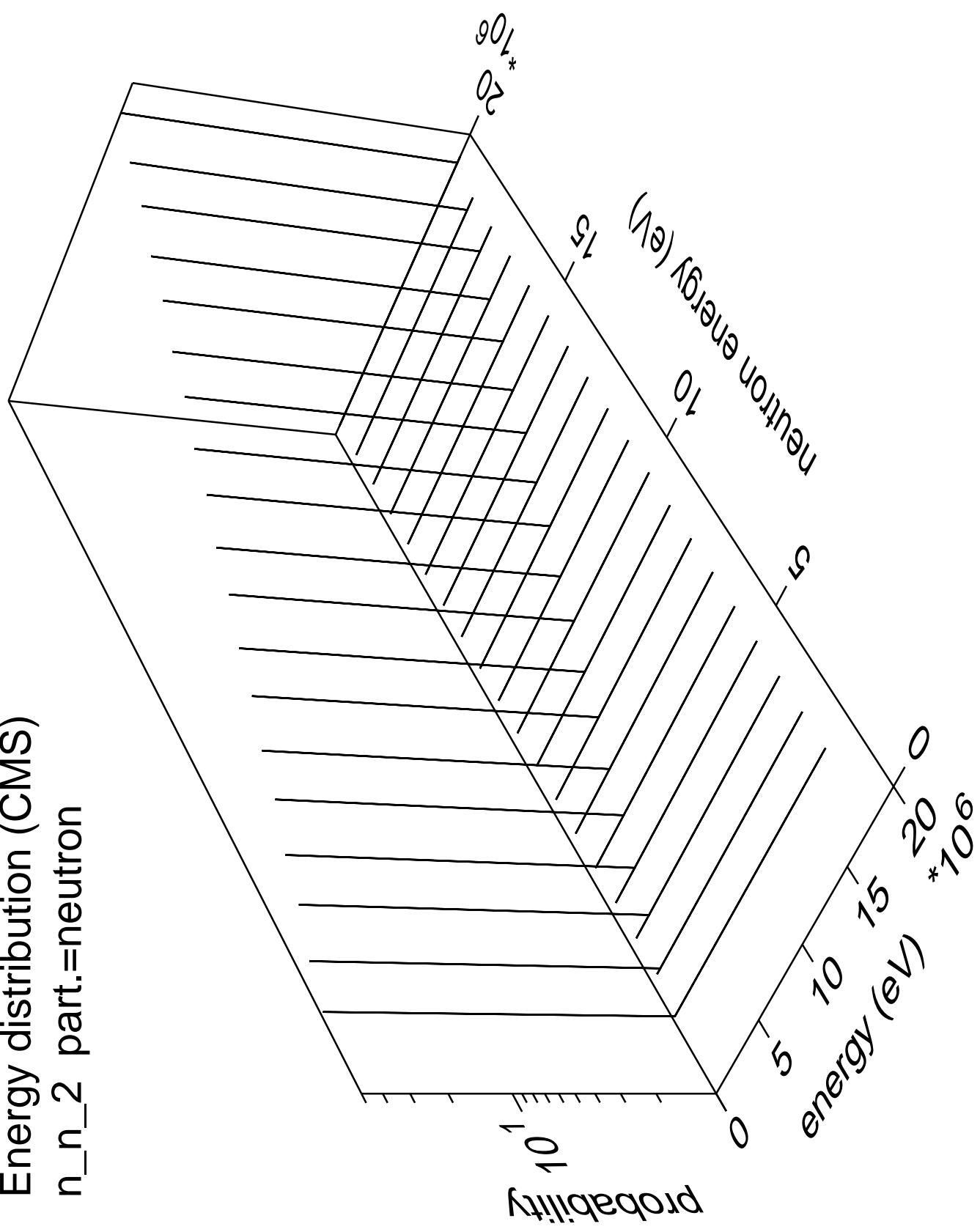
Energy distribution (CMS)  
 $n_{np}$  part.=gamma



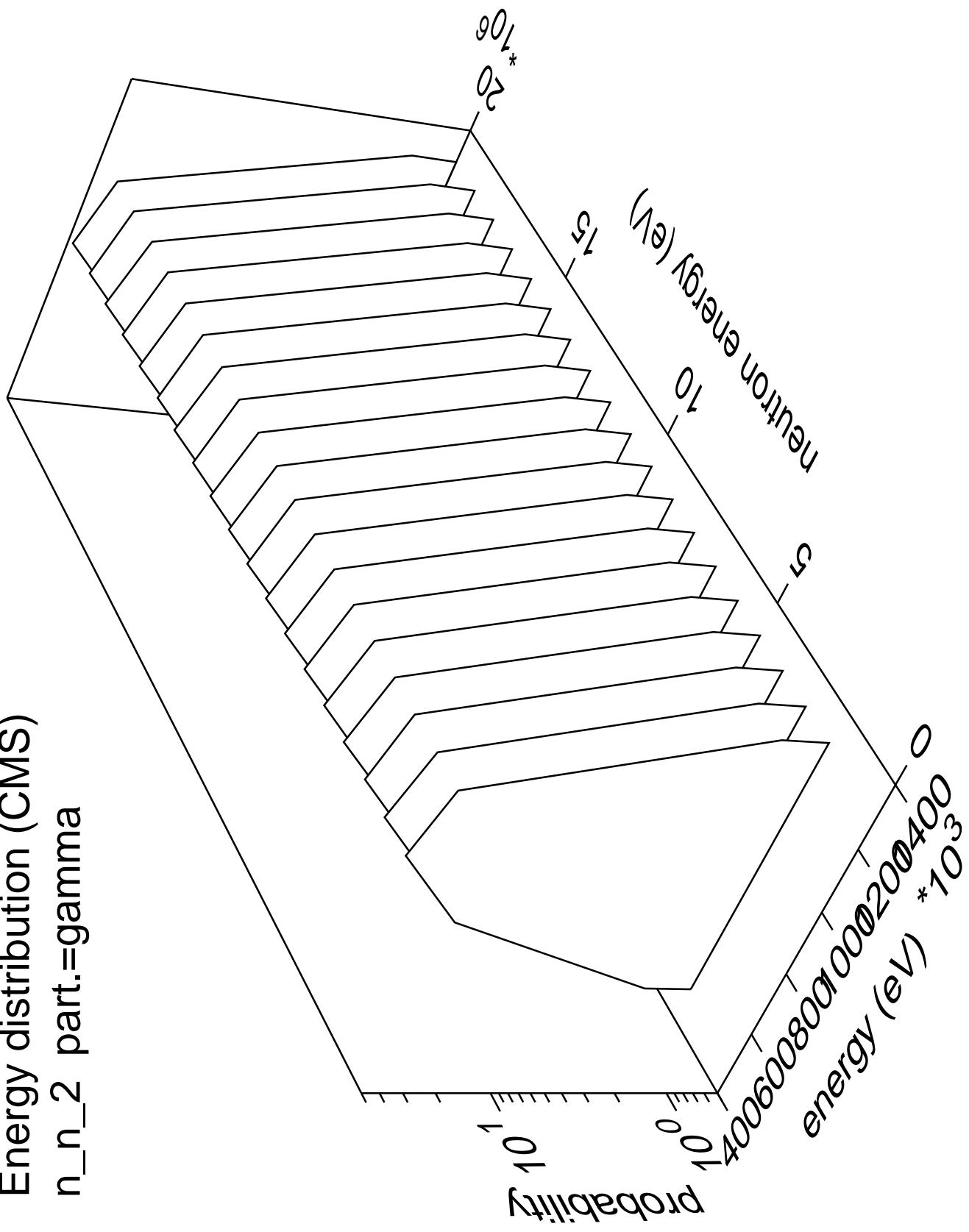




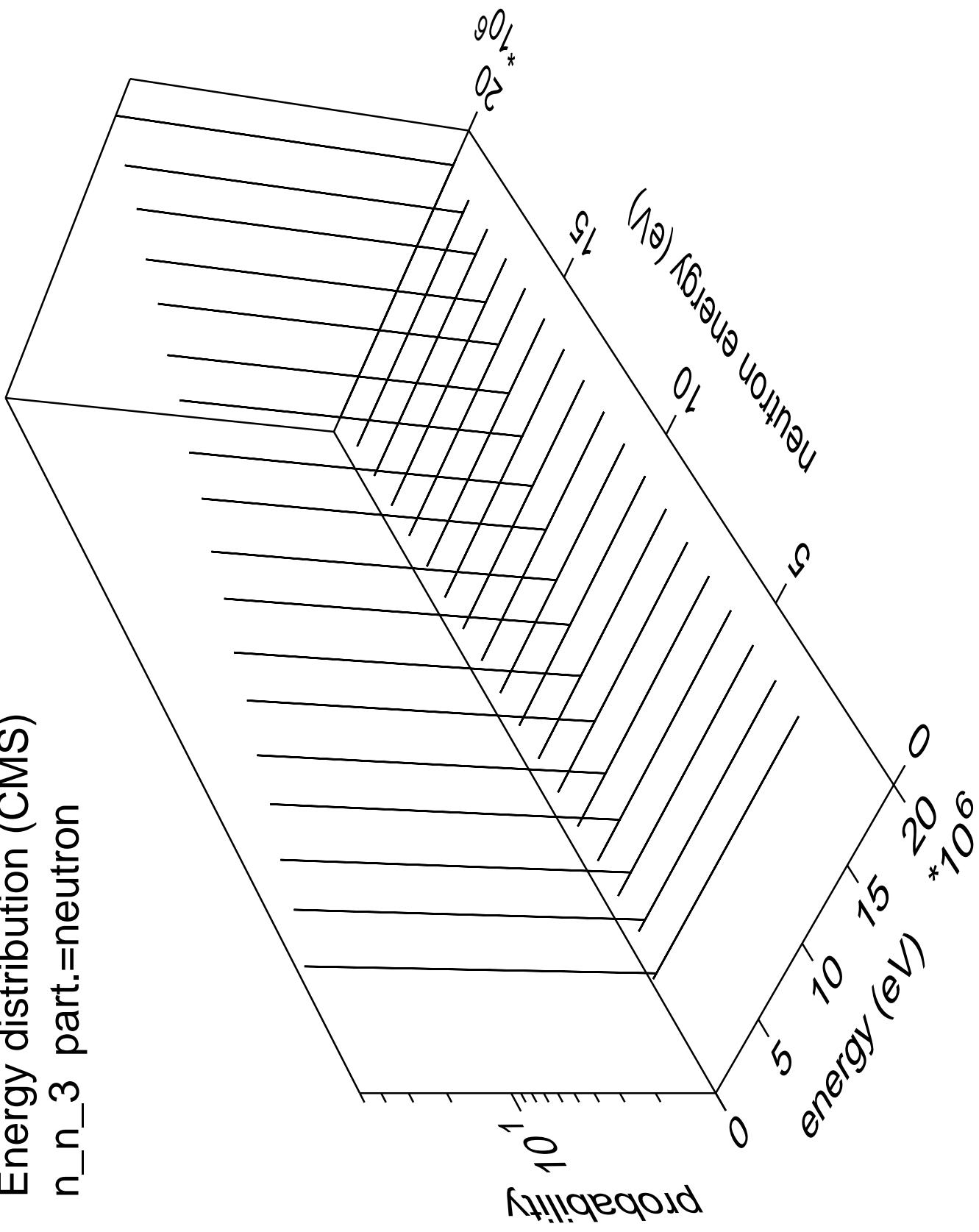
Energy distribution (CMS)  
 $n_n_2$  part.=neutron

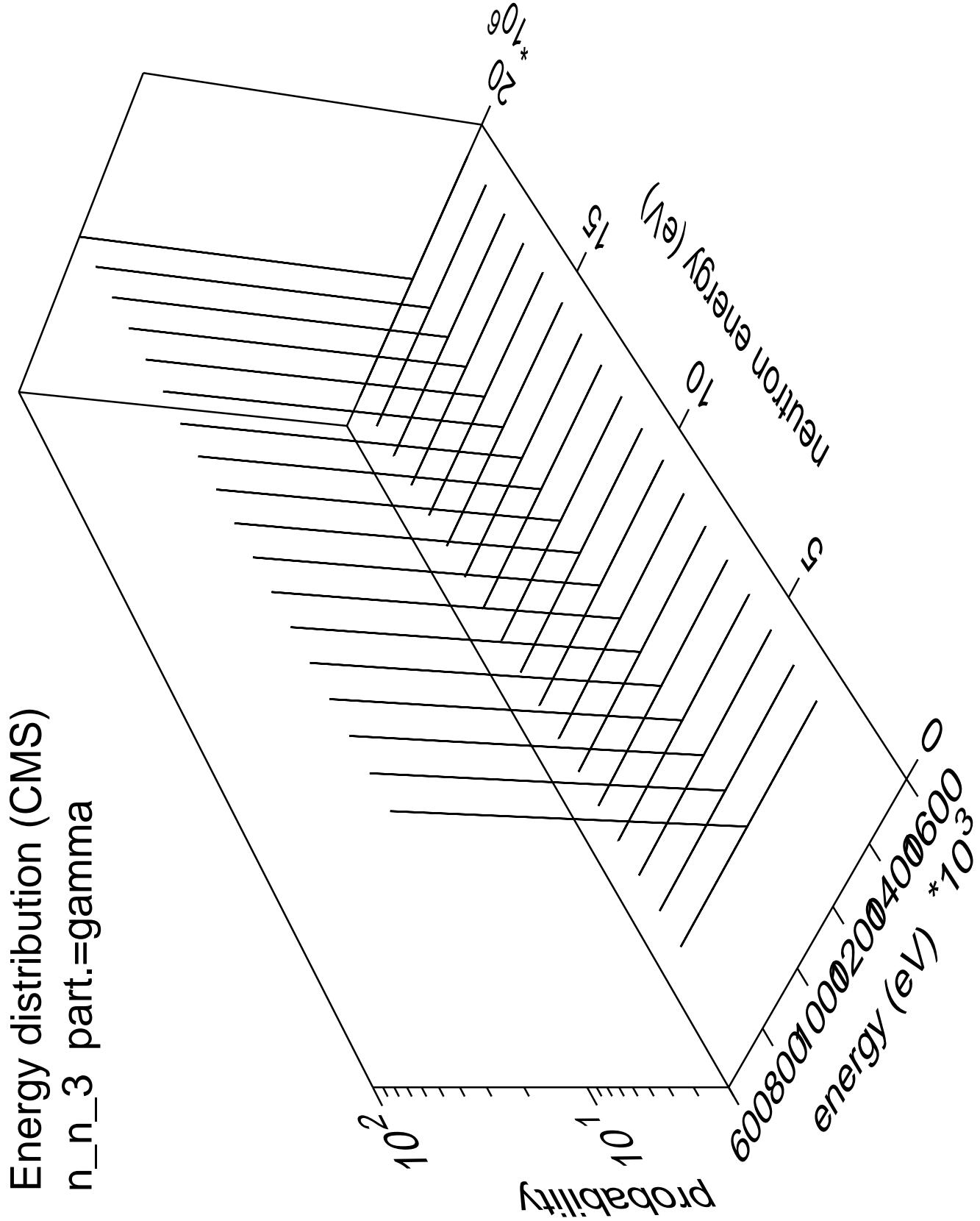


Energy distribution (CMS)  
 $n_n_2$  part.=gamma

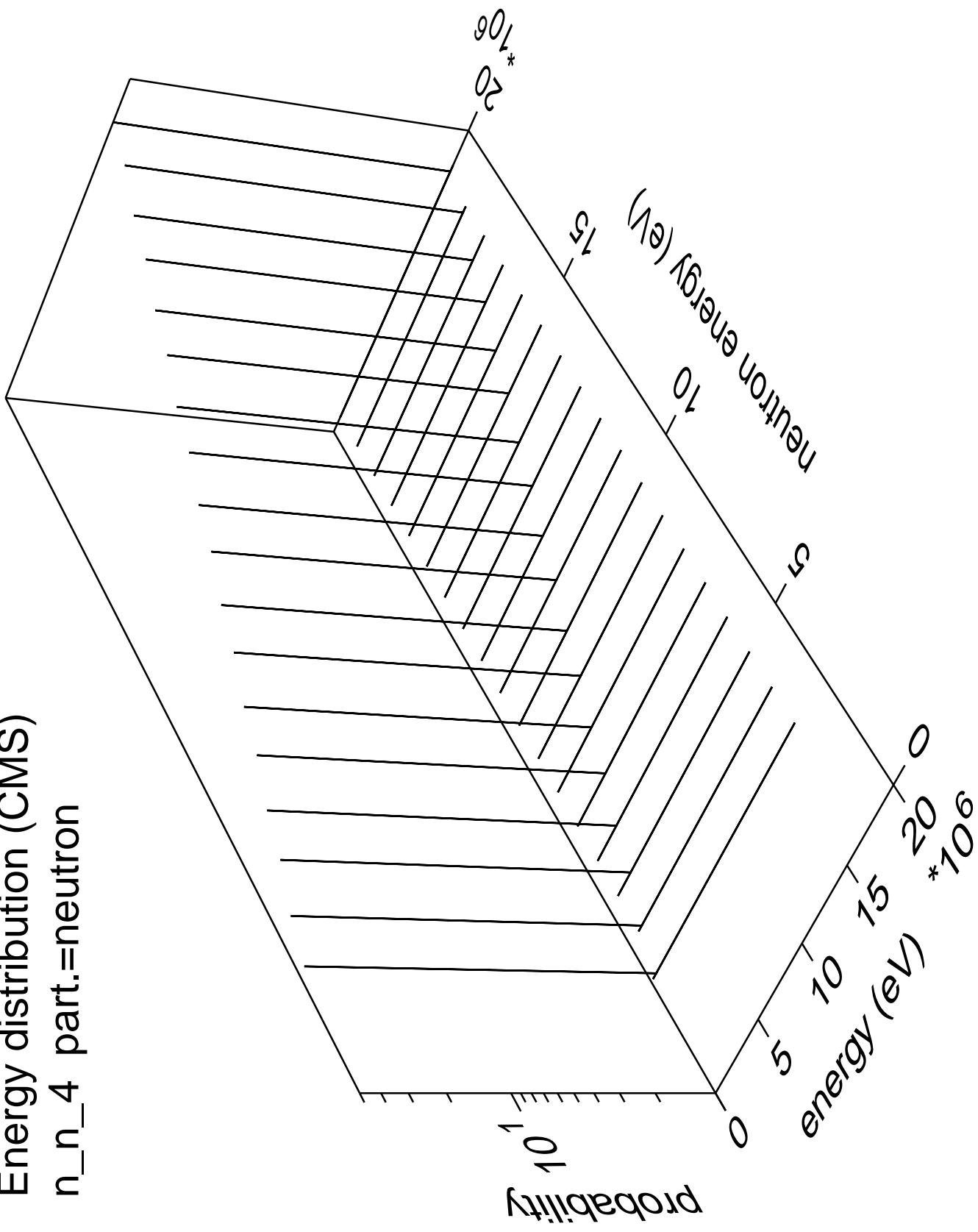


Energy distribution (CMS)  
 $n_n_3$  part.=neutron

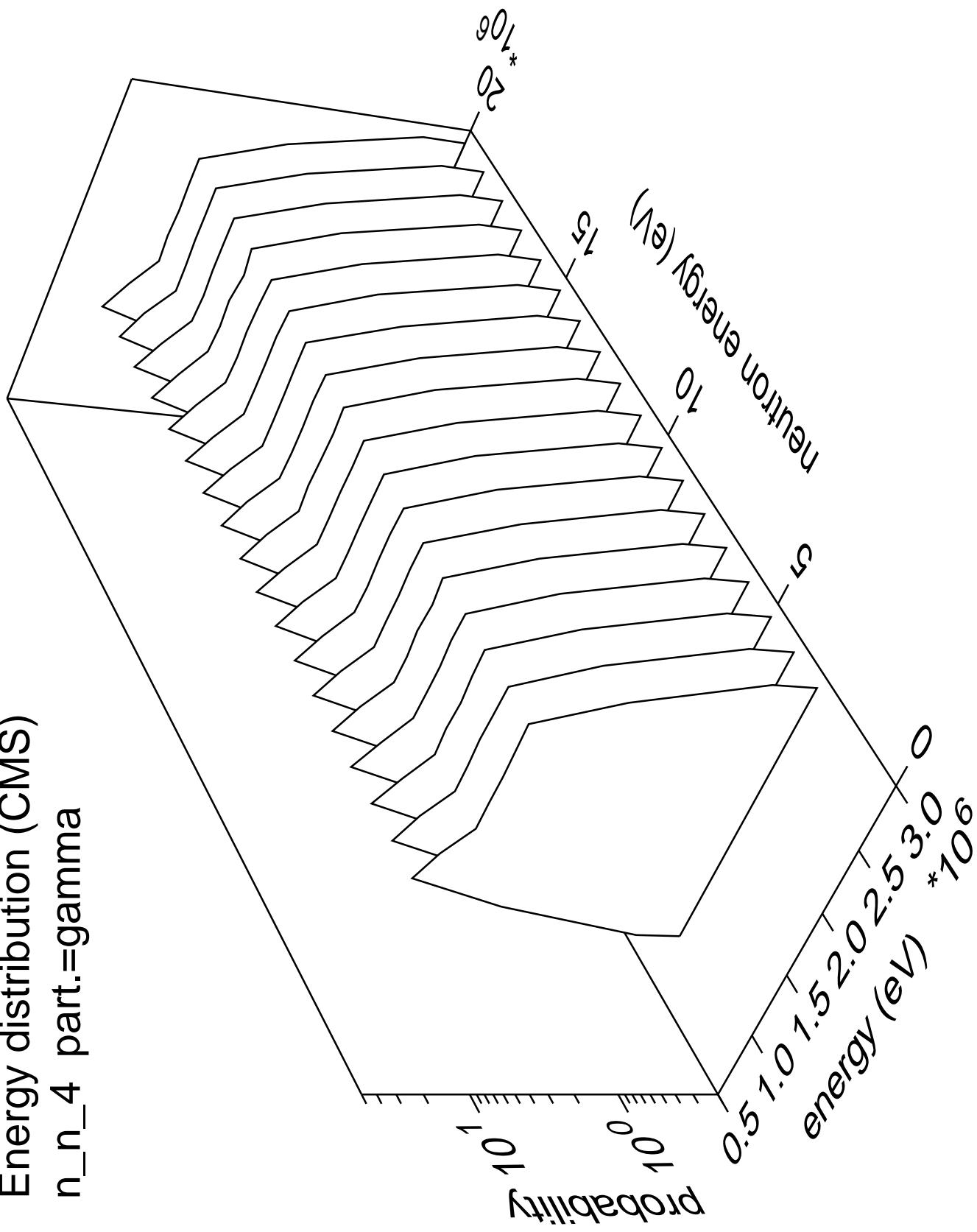


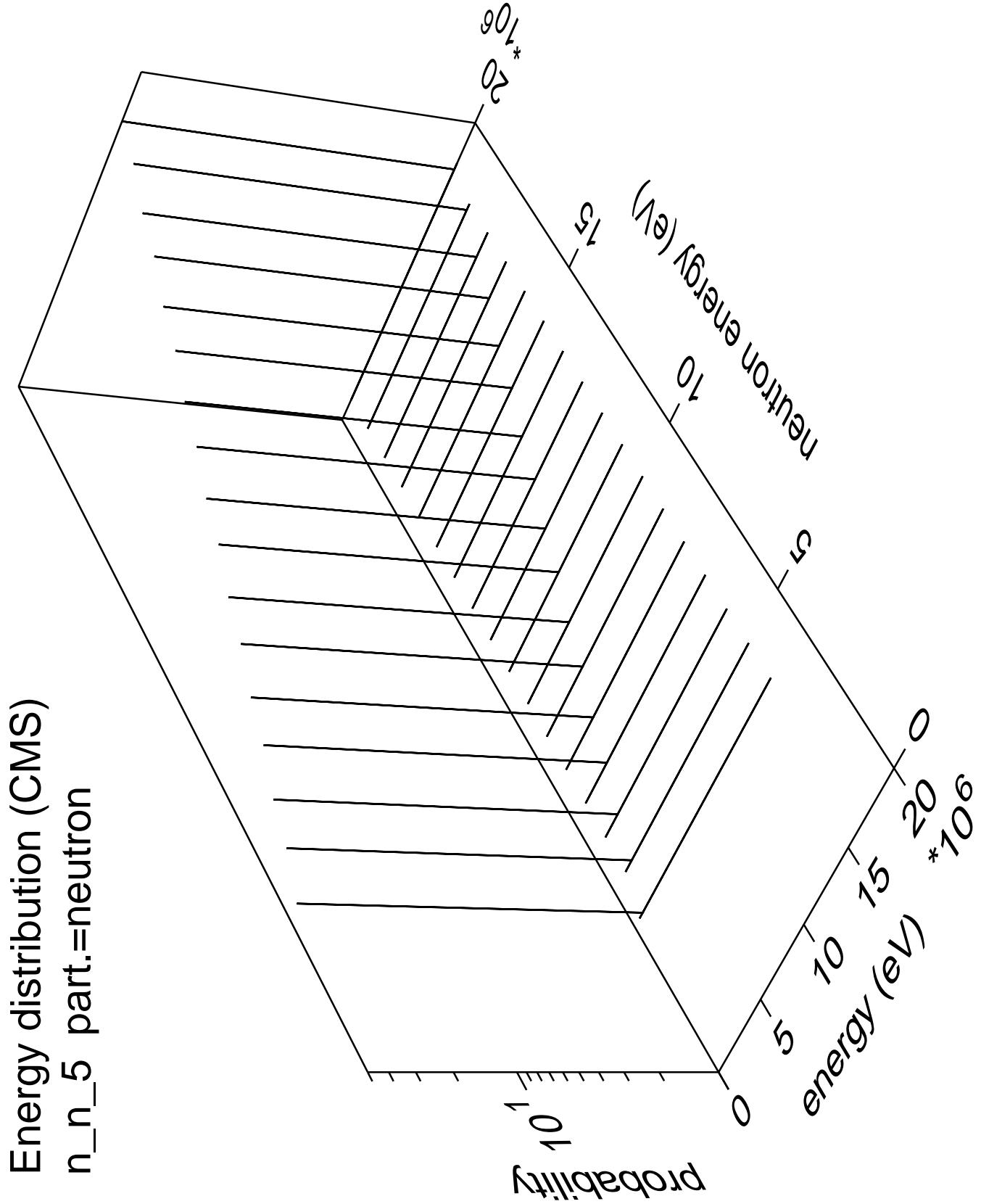


Energy distribution (CMS)  
 $n_n_4$  part.=neutron

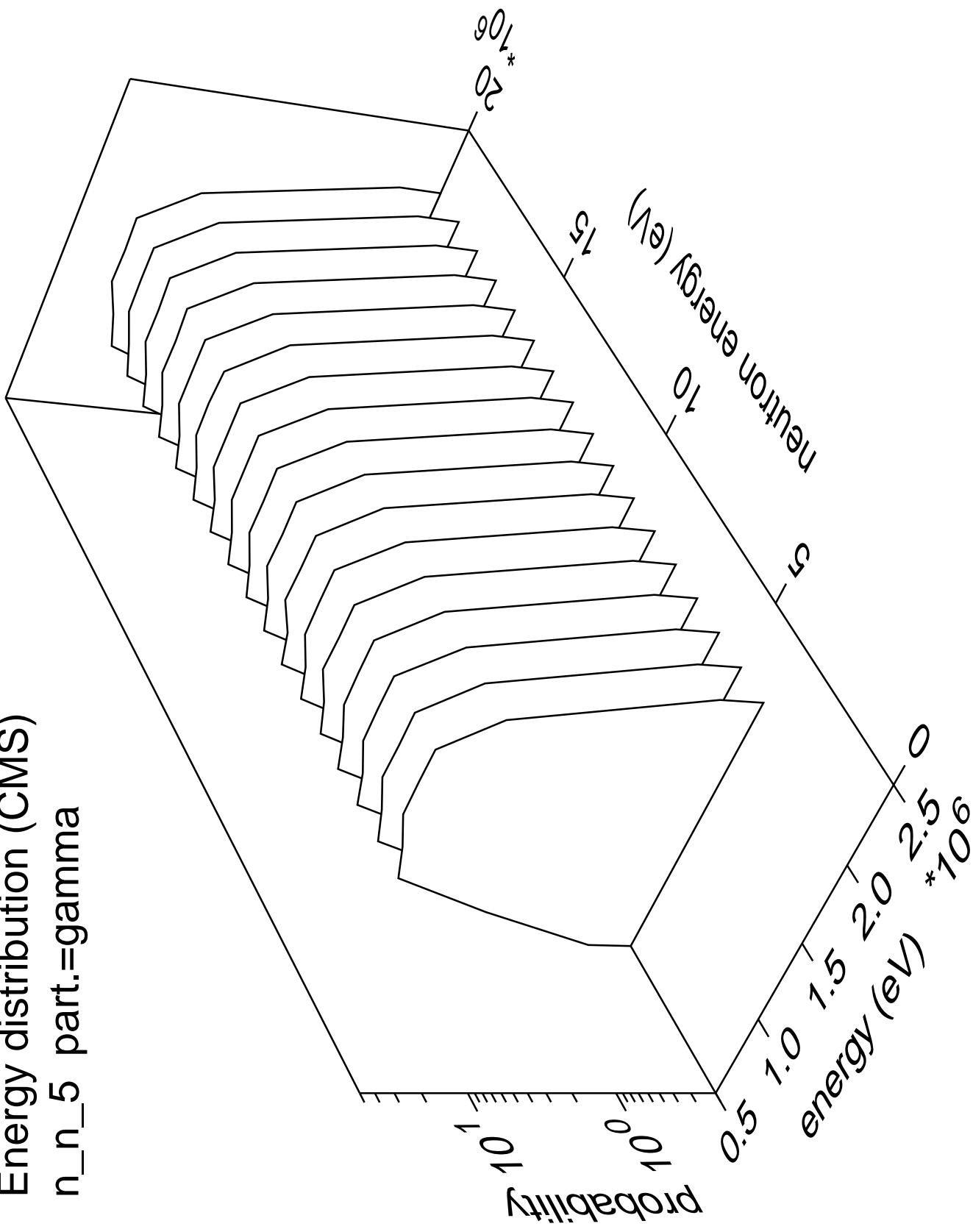


Energy distribution (CMS)  
n\_n\_4 part.=gamma

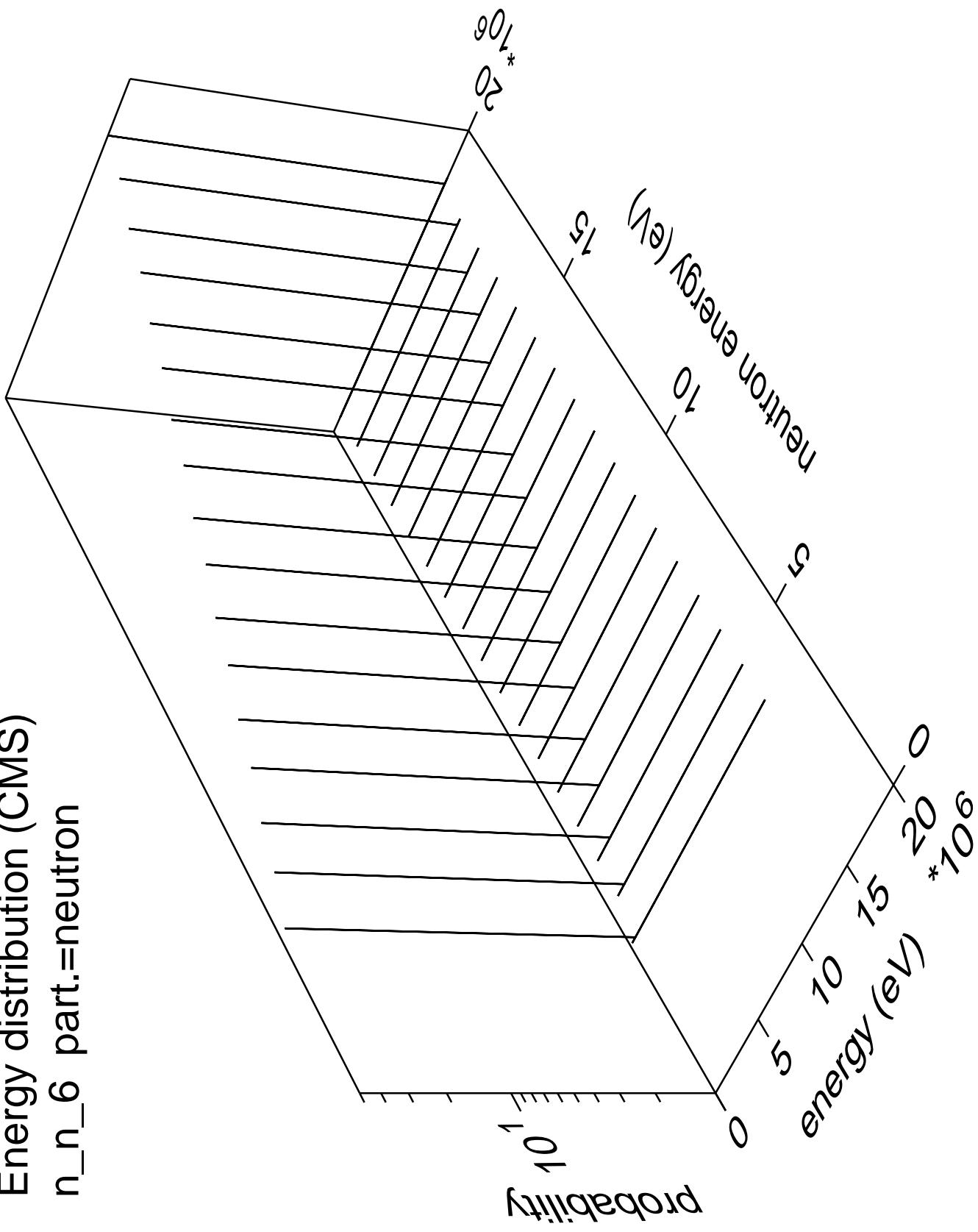




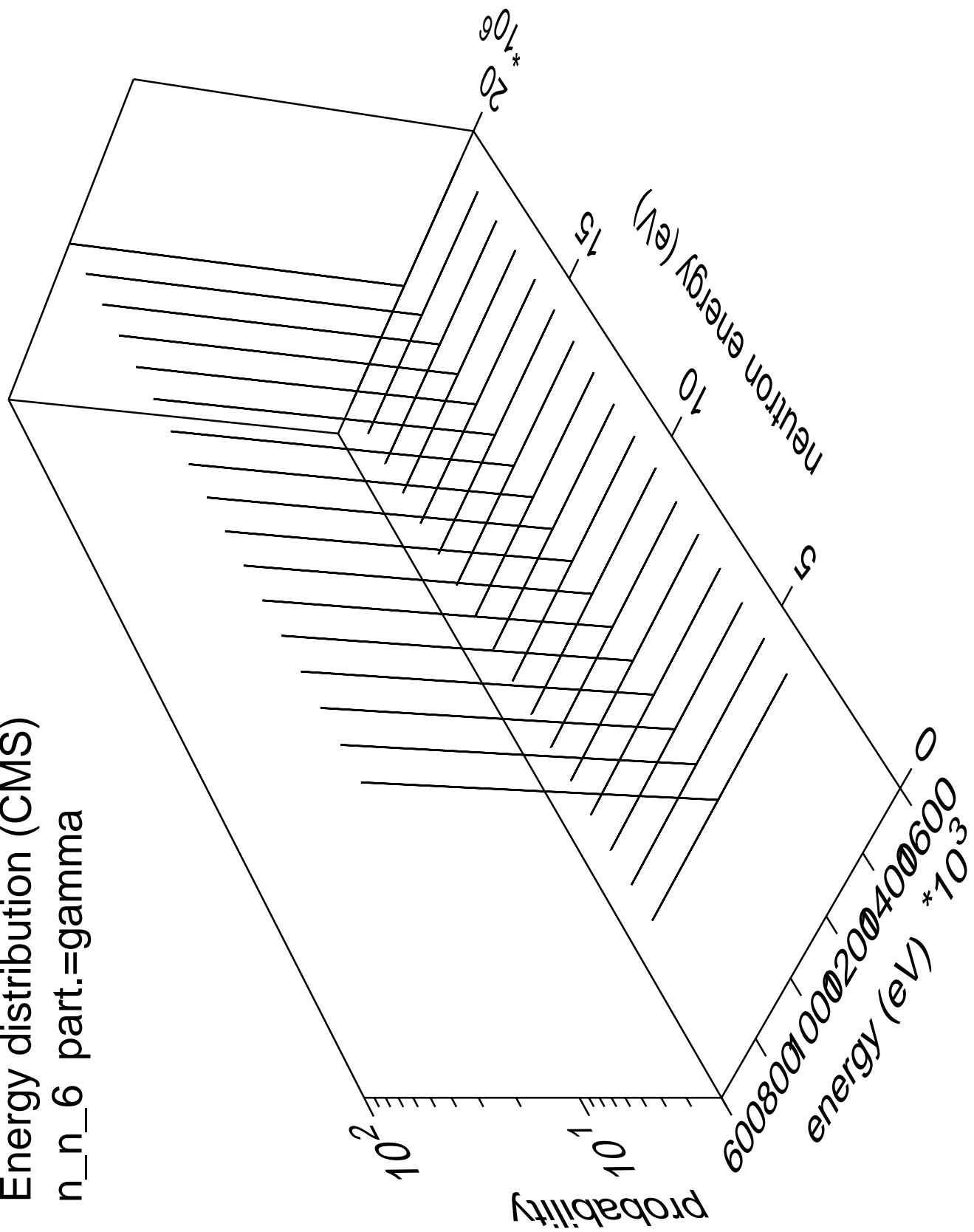
Energy distribution (CMS)  
n\_n\_5 part.=gamma

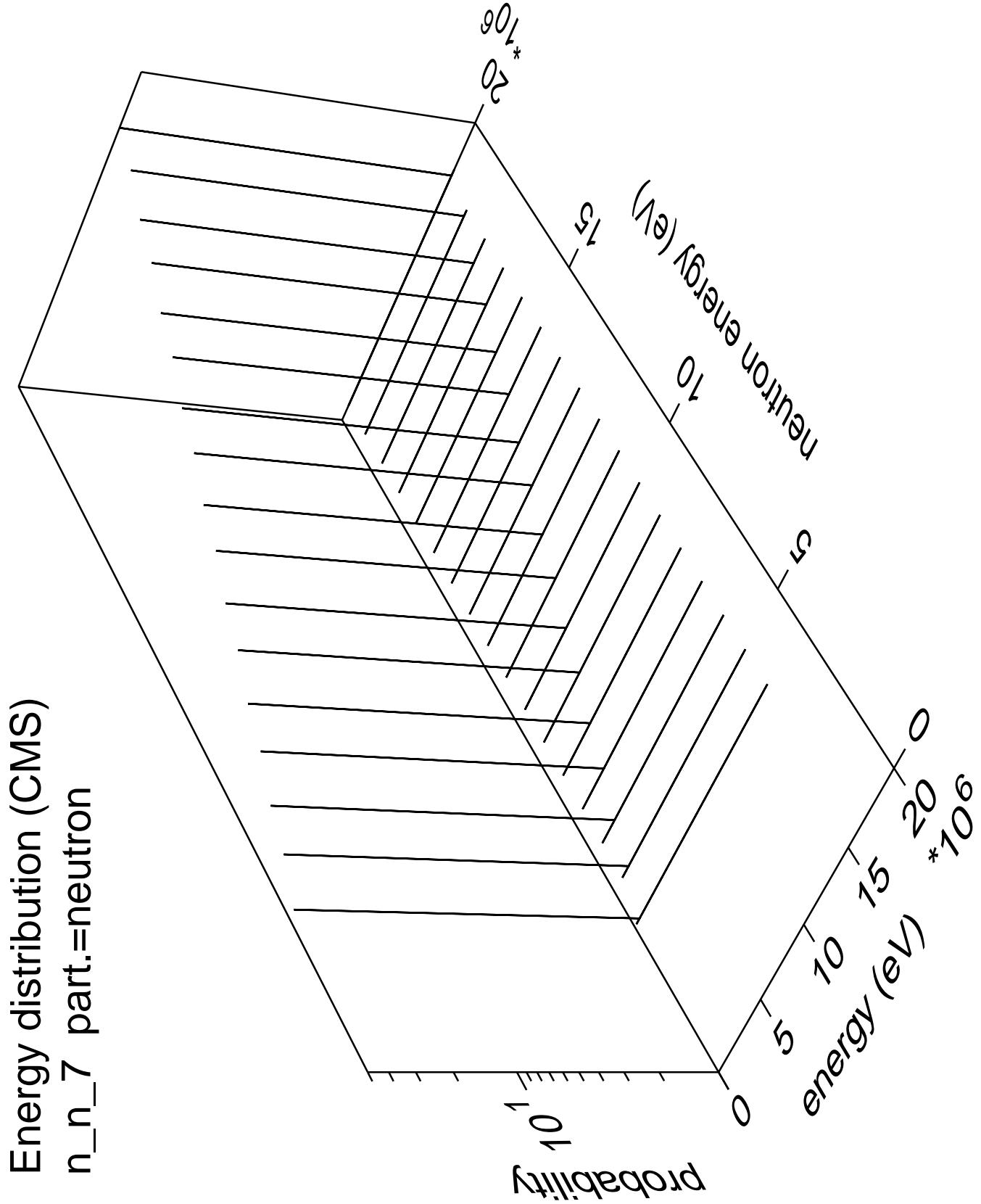


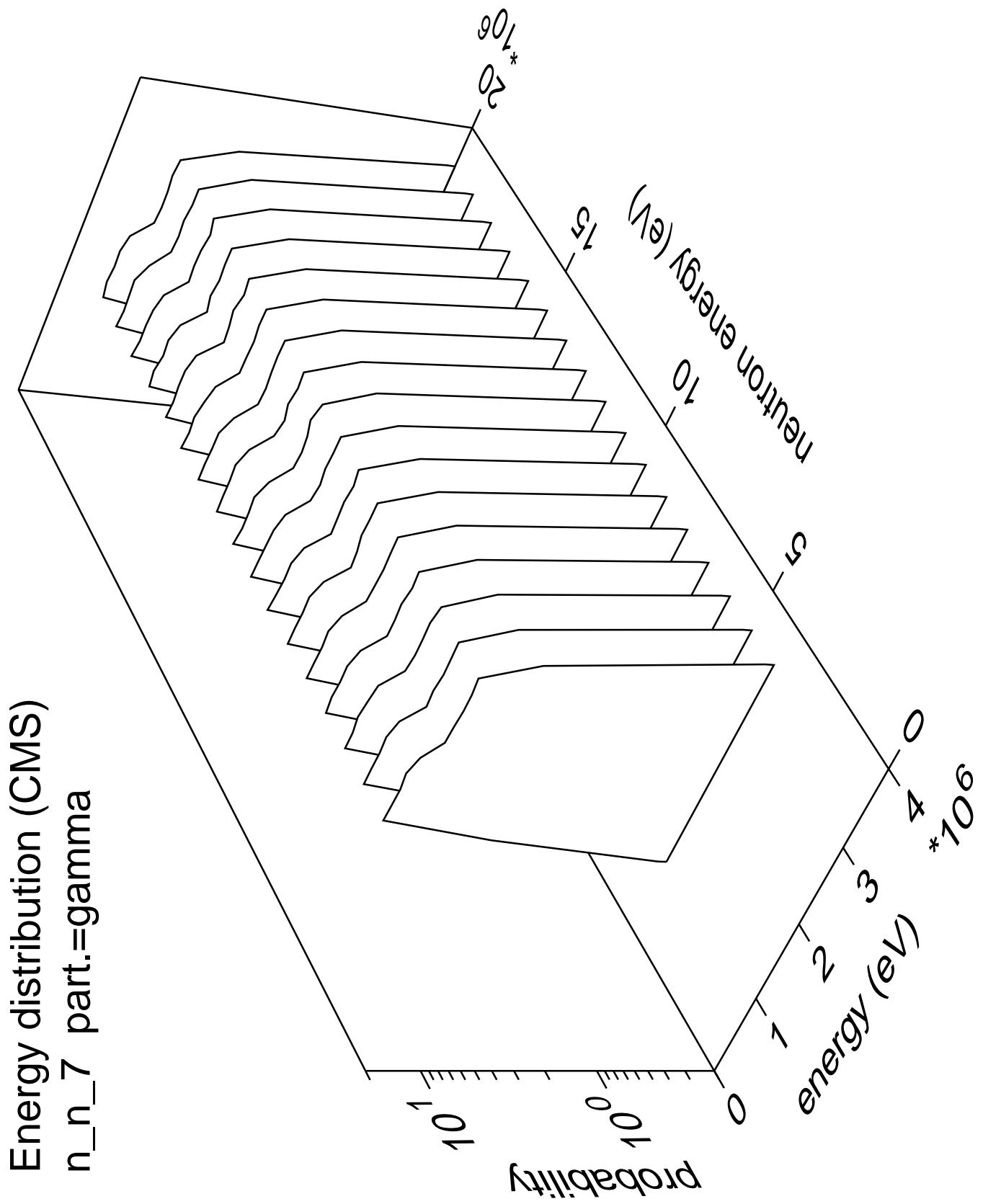
Energy distribution (CMS)  
 $n_n_6$  part.=neutron

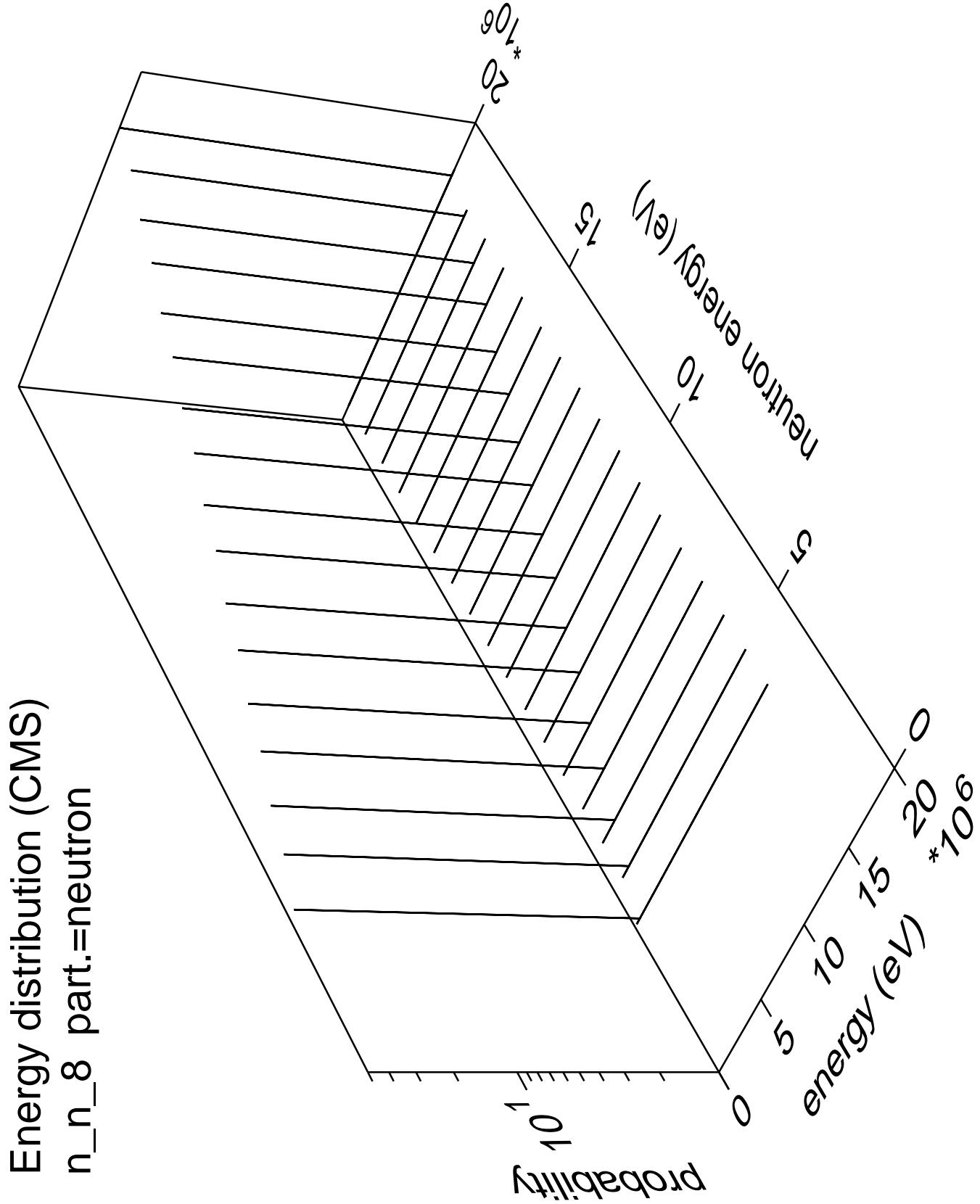


Energy distribution (CMS)  
 $n_n_6$  part.=gamma

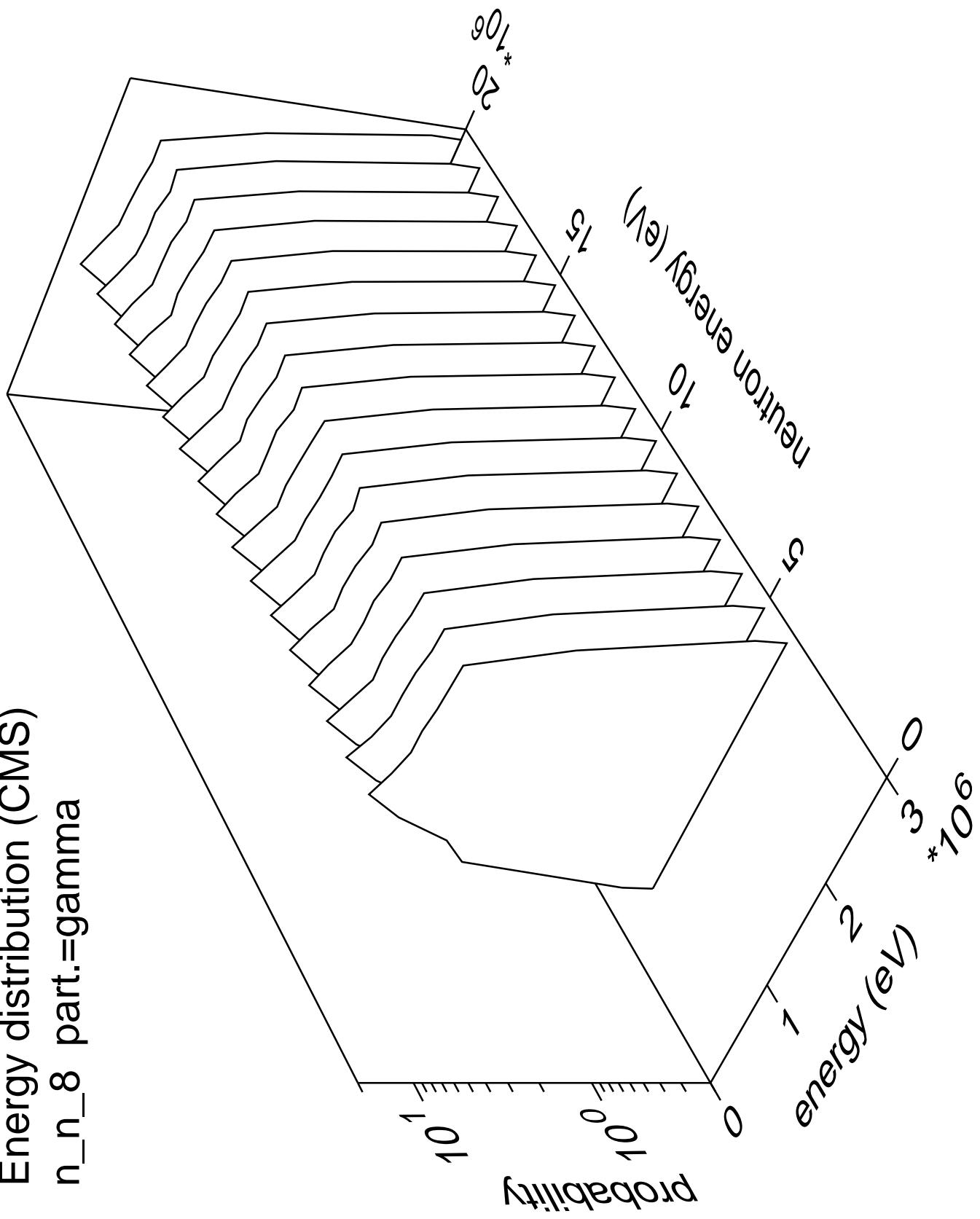


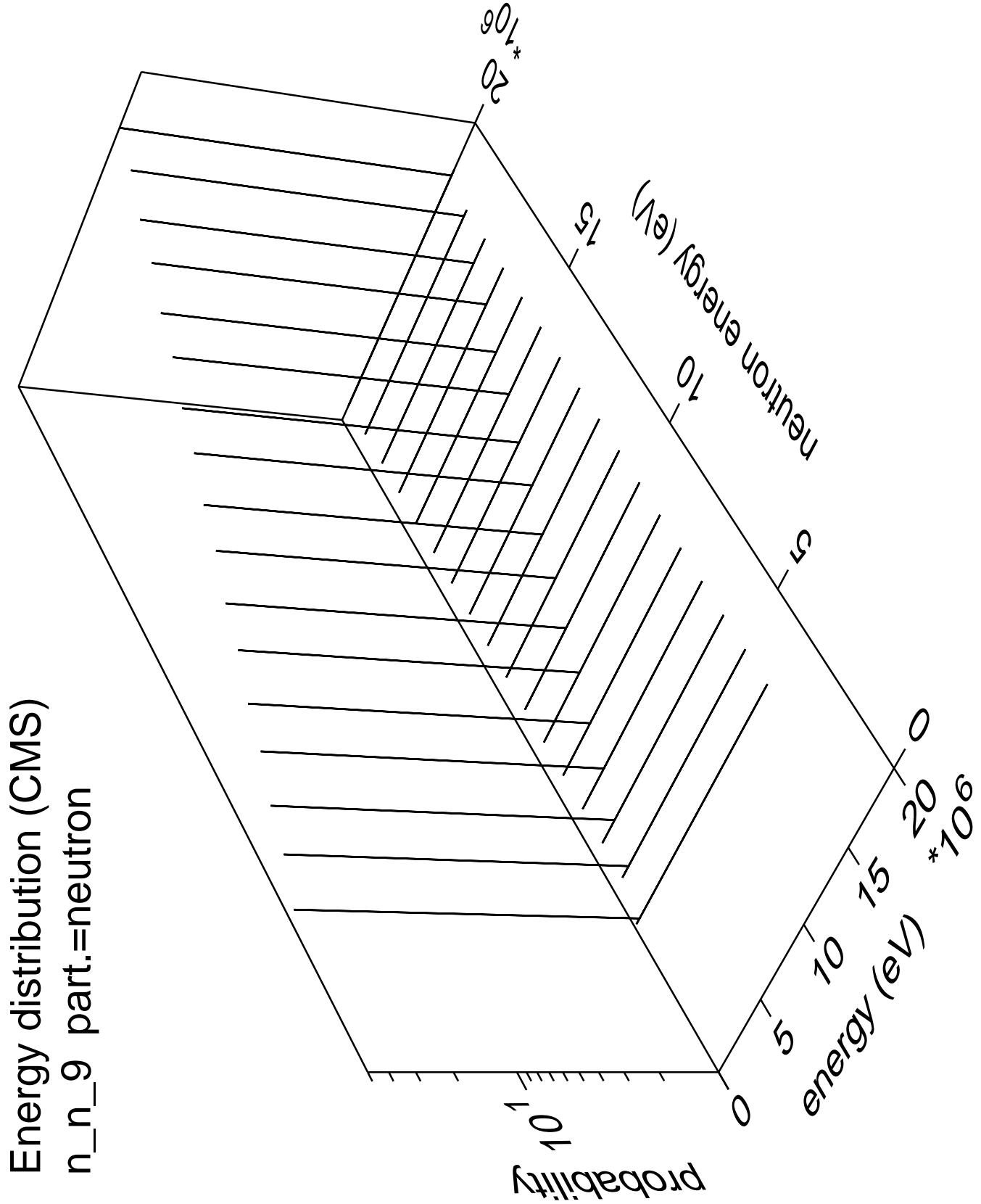




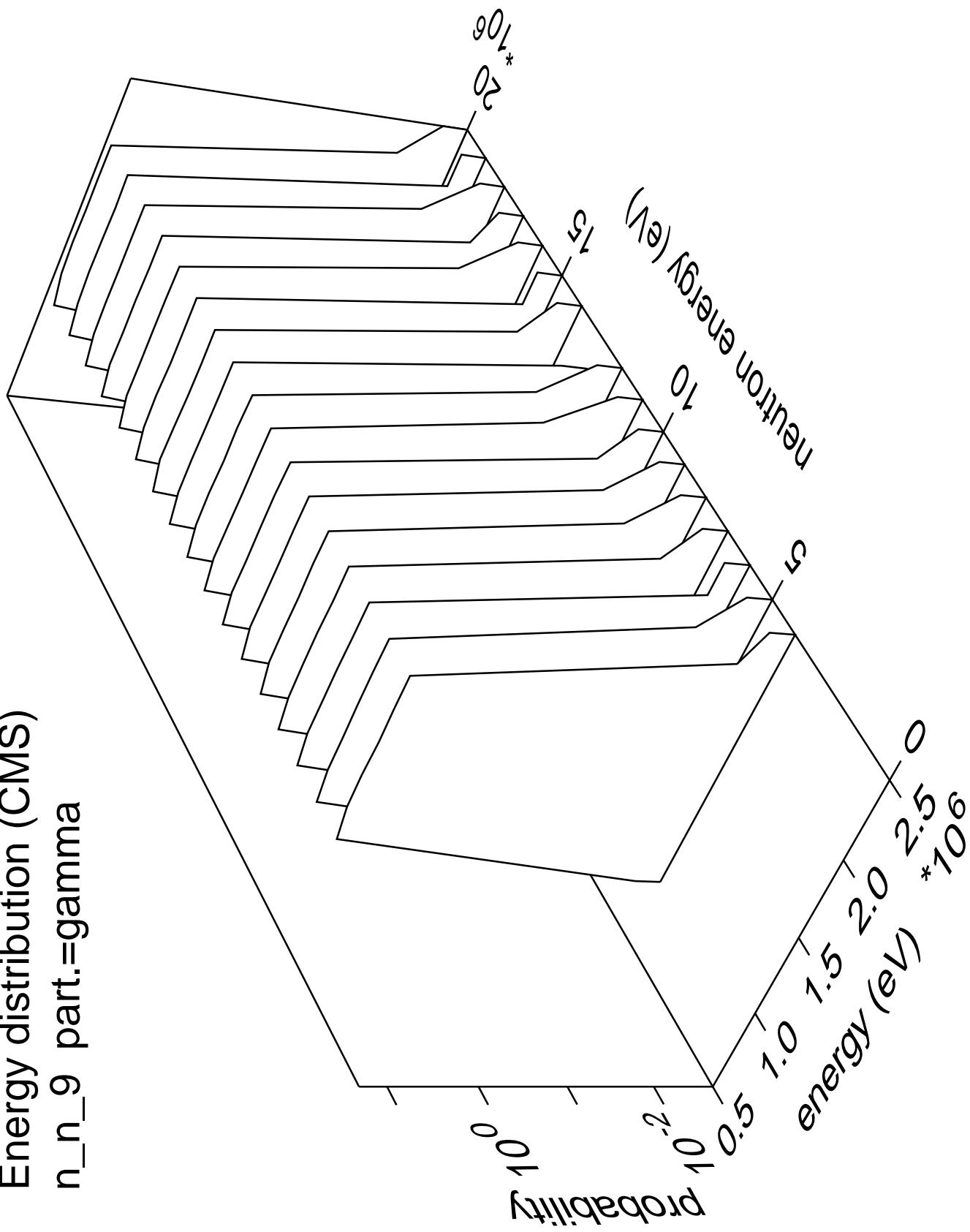


Energy distribution (CMS)  
 $n_n_8$  part.=gamma

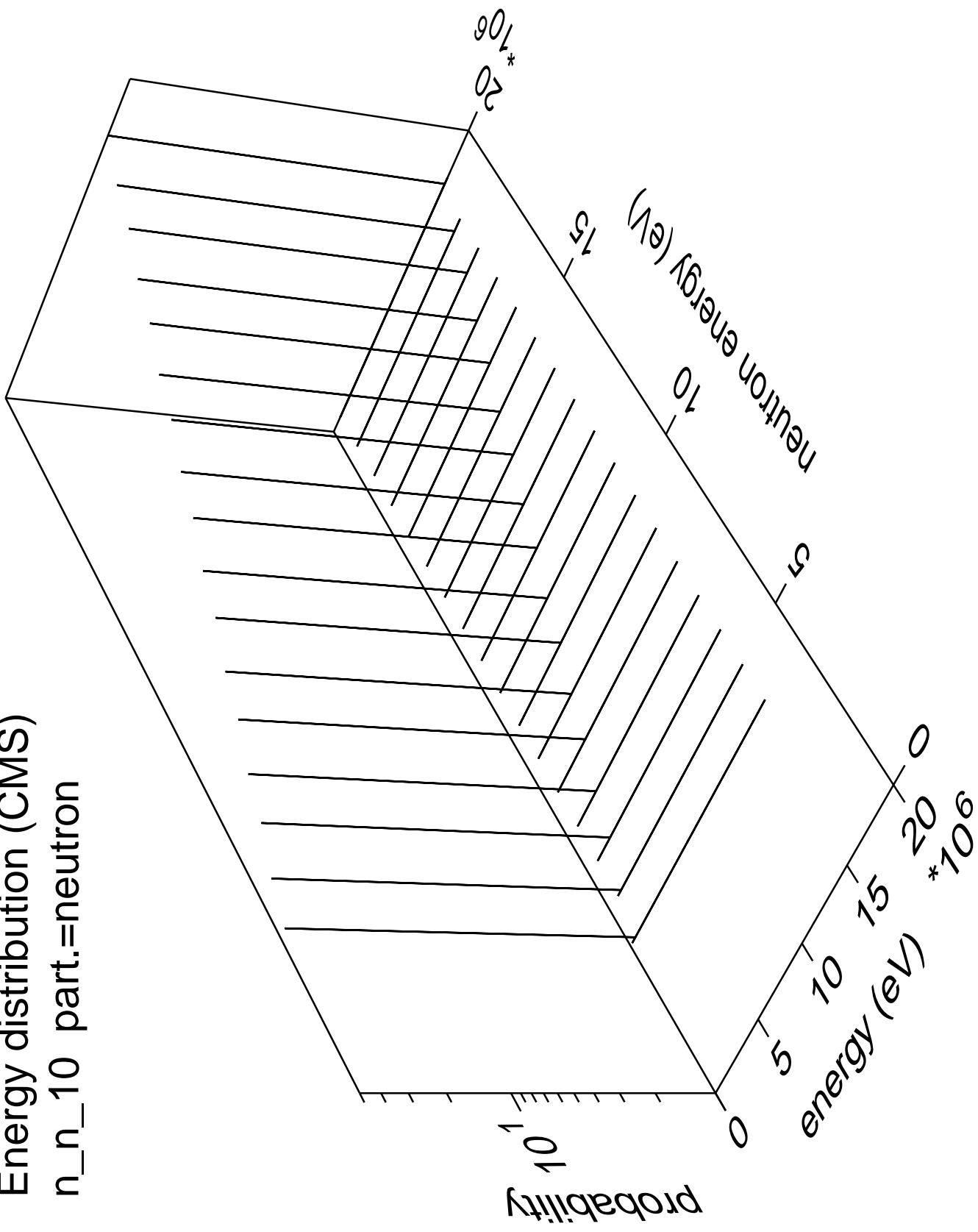




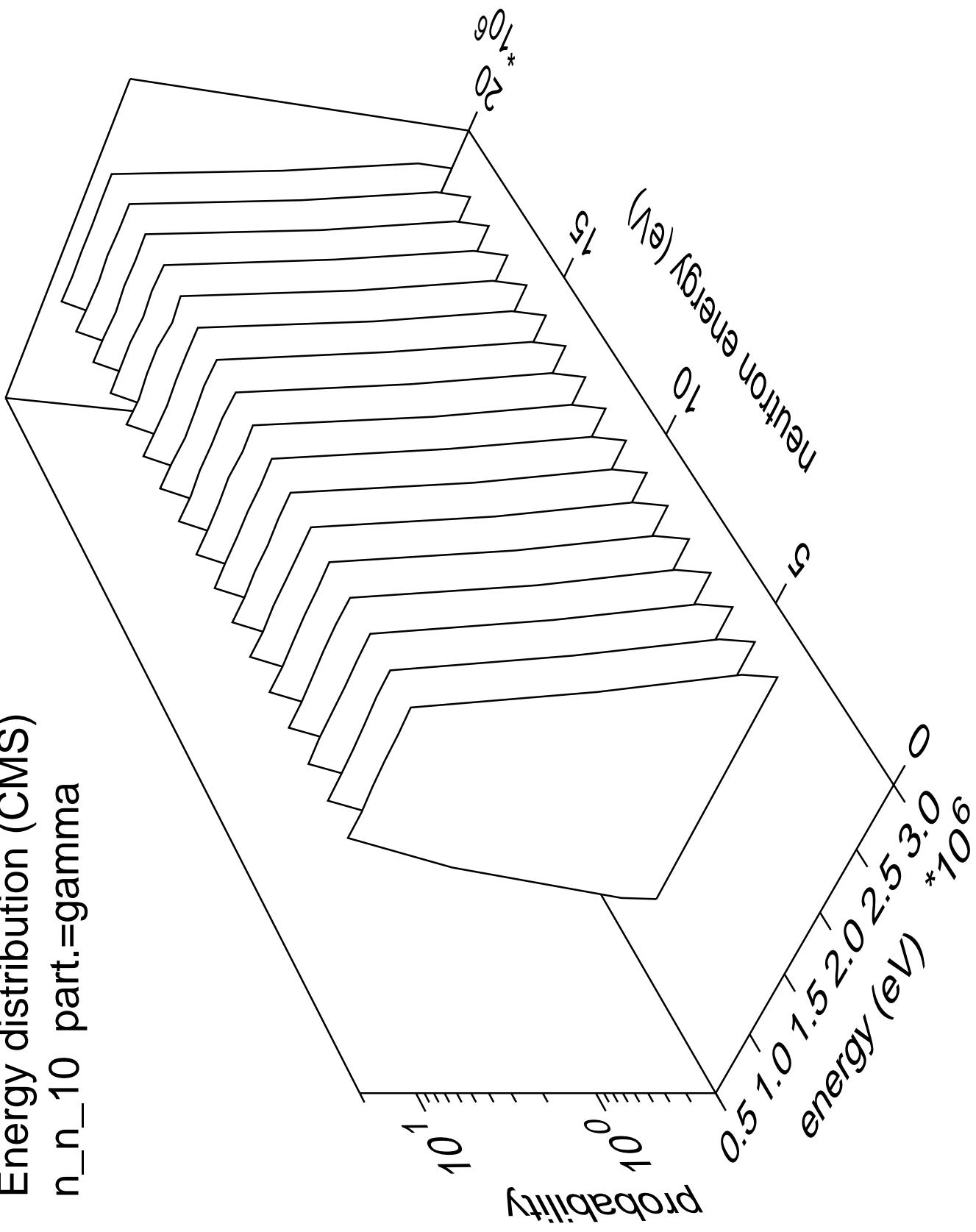
Energy distribution (CMS)  
n\_n\_9 part.=gamma



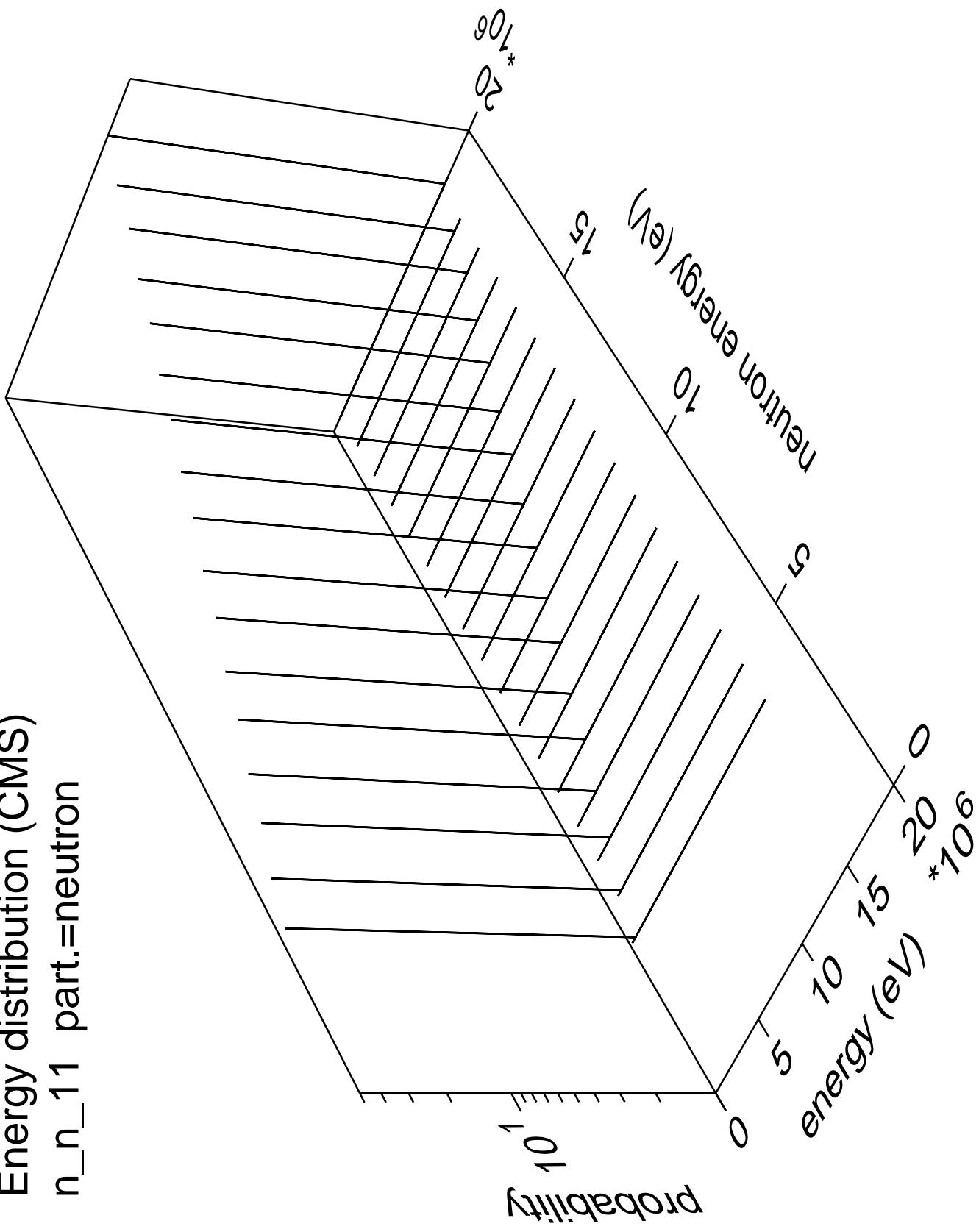
Energy distribution (CMS)  
 $n_{n\_10}$  part.=neutron



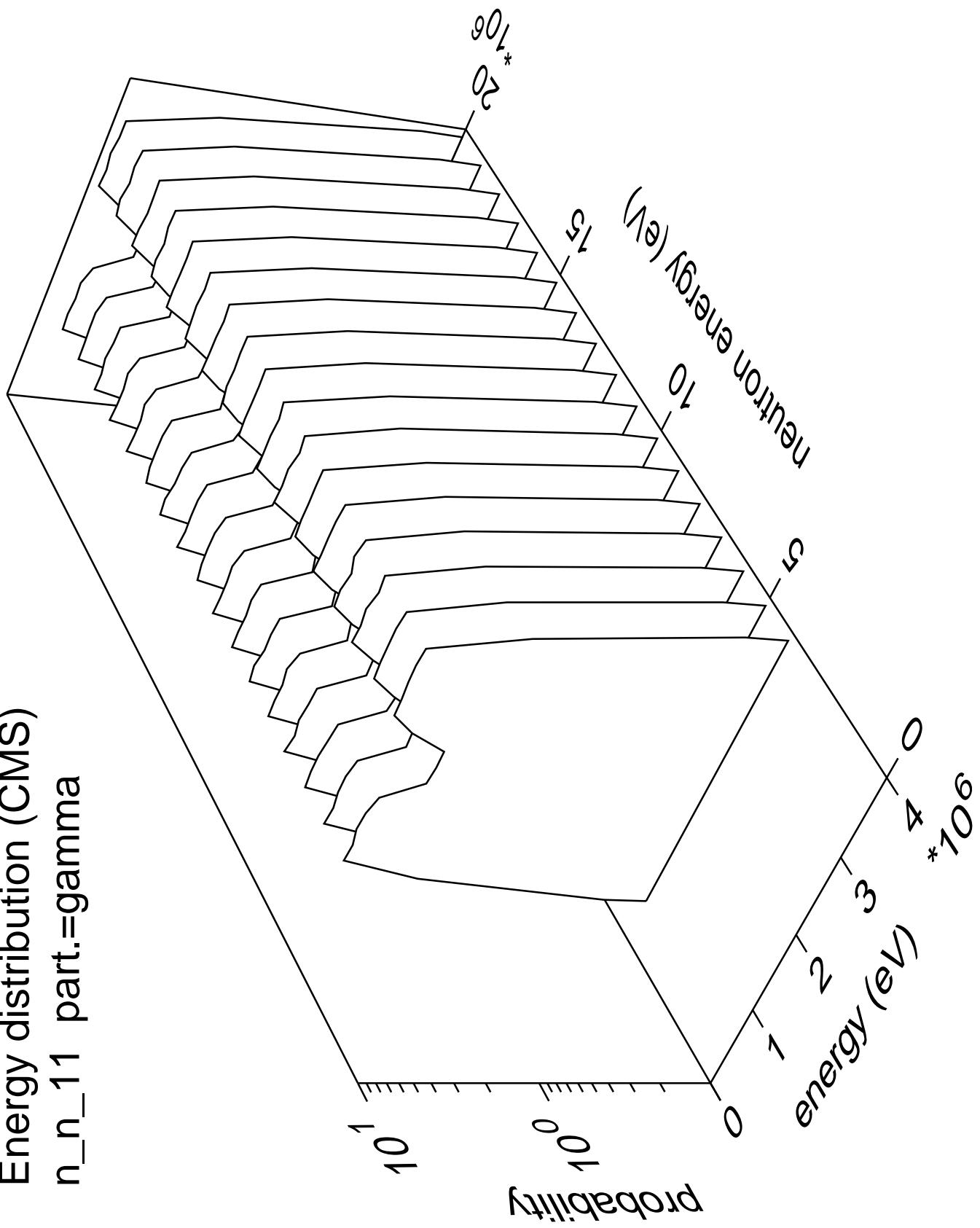
Energy distribution (CMS)  
 $n_{n\_10}$  part.=gamma



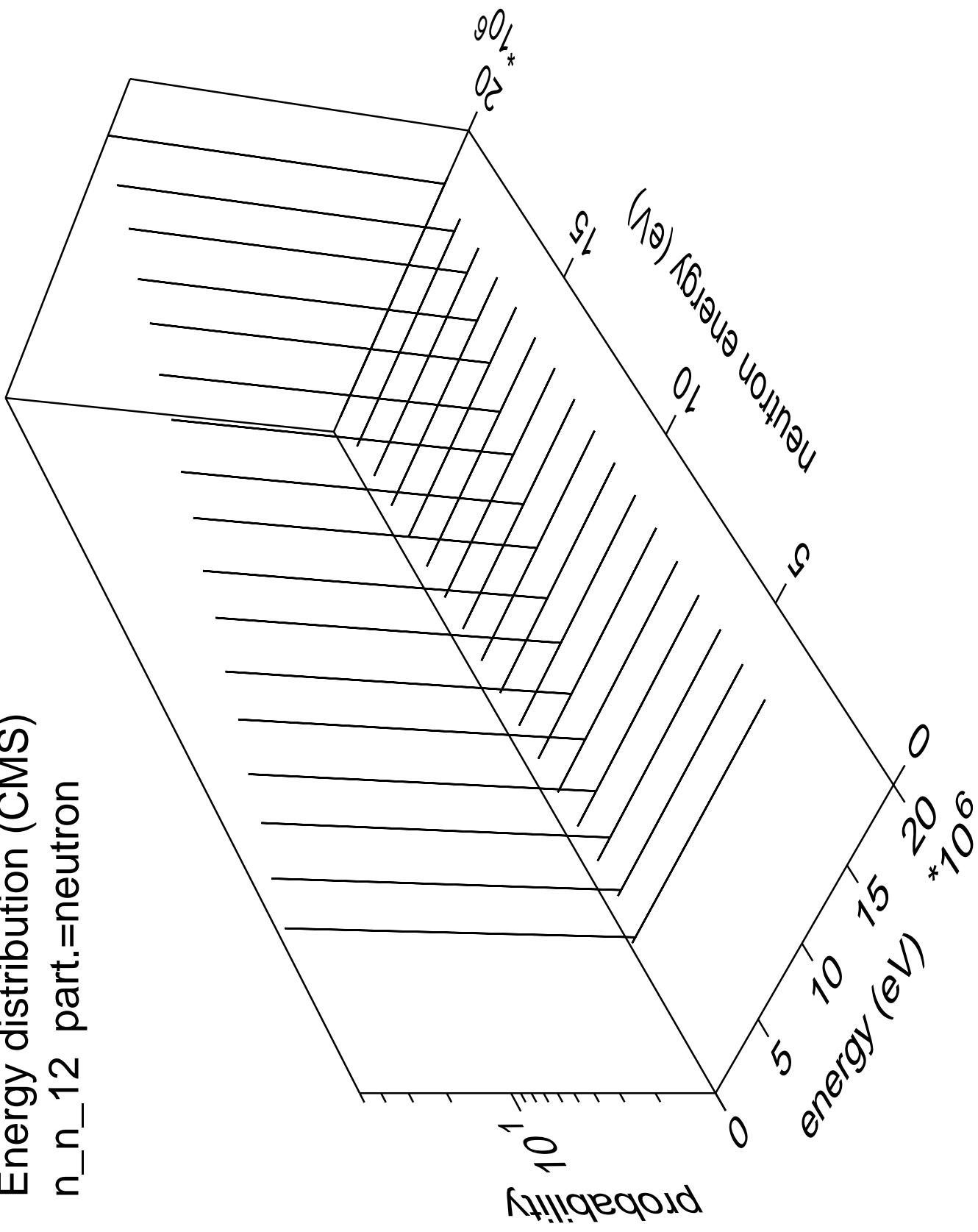
Energy distribution (CMS)  
 $n_{n\_11}$  part.=neutron



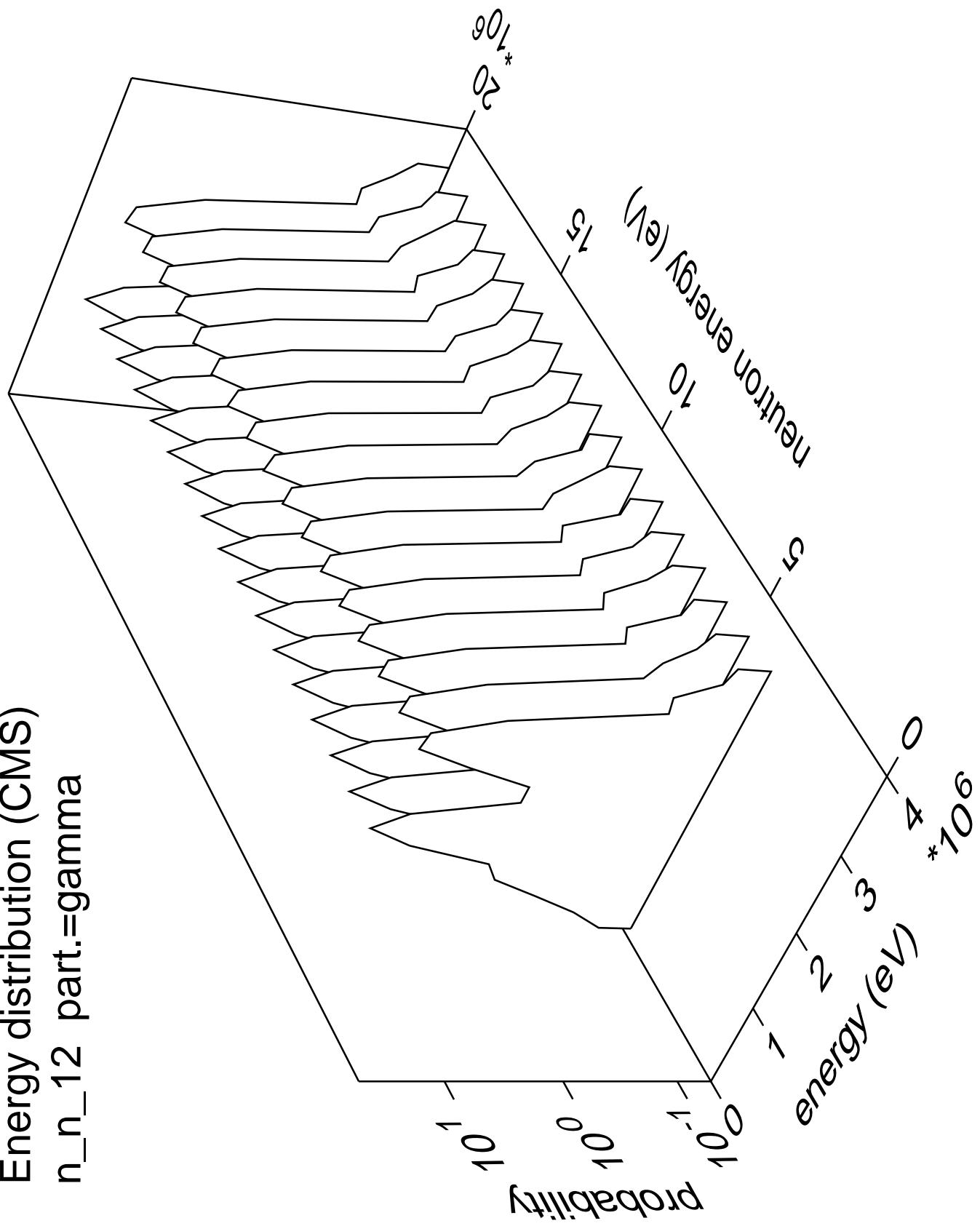
Energy distribution (CMS)  
 $n_{n\_11}$  part.=gamma



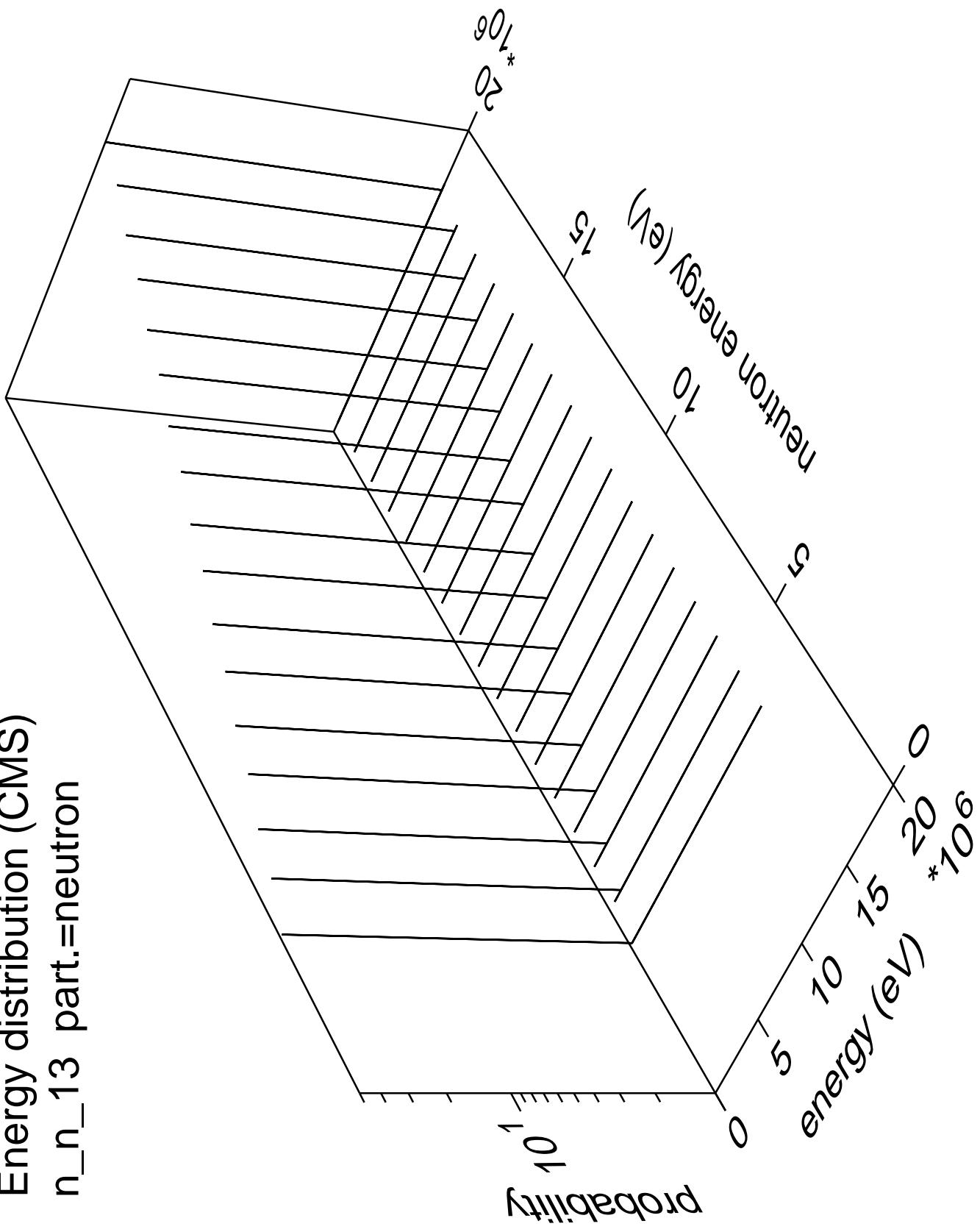
Energy distribution (CMS)  
 $n_{n\_12}$  part.=neutron



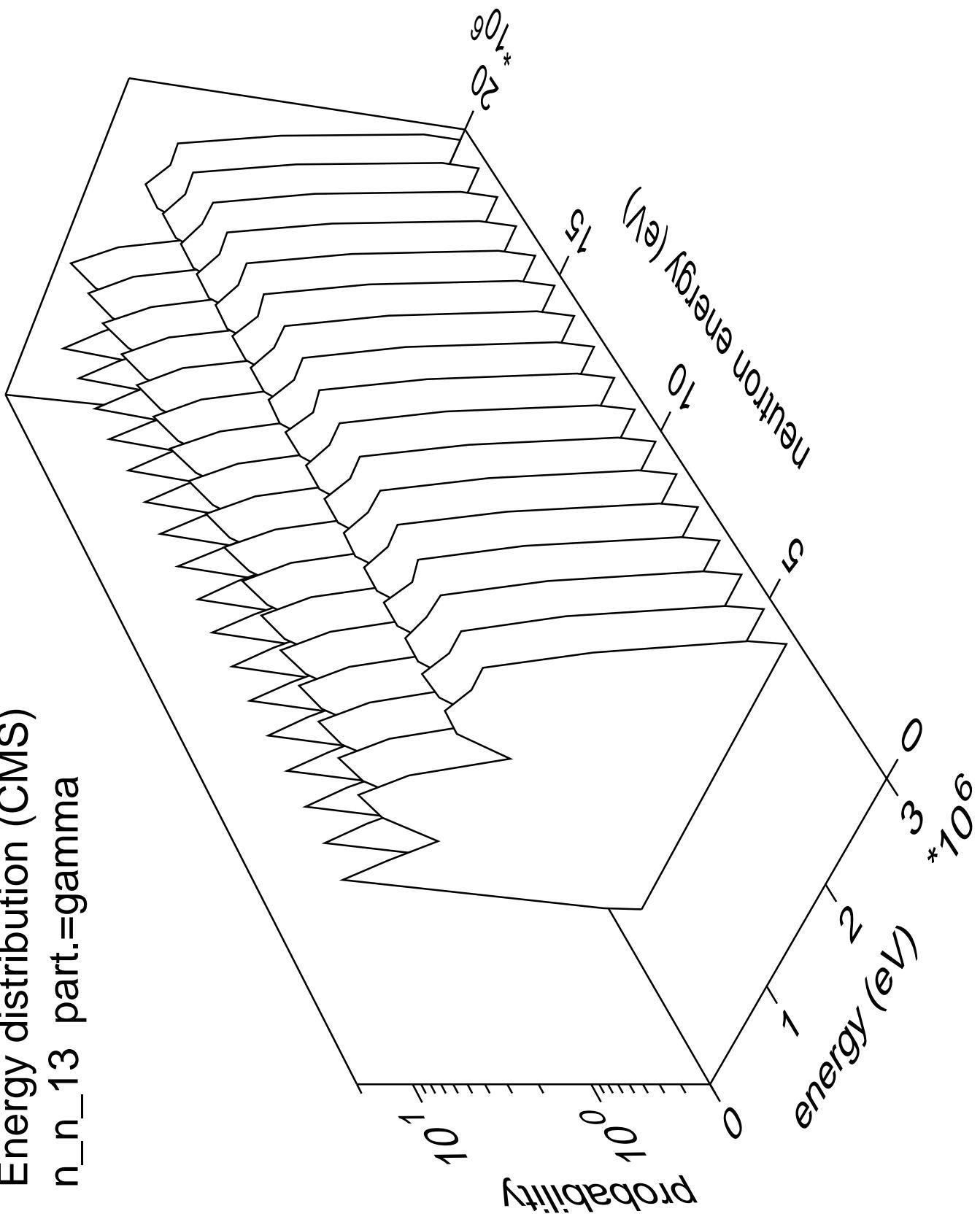
Energy distribution (CMS)  
 $n_{n\_12}$  part.=gamma



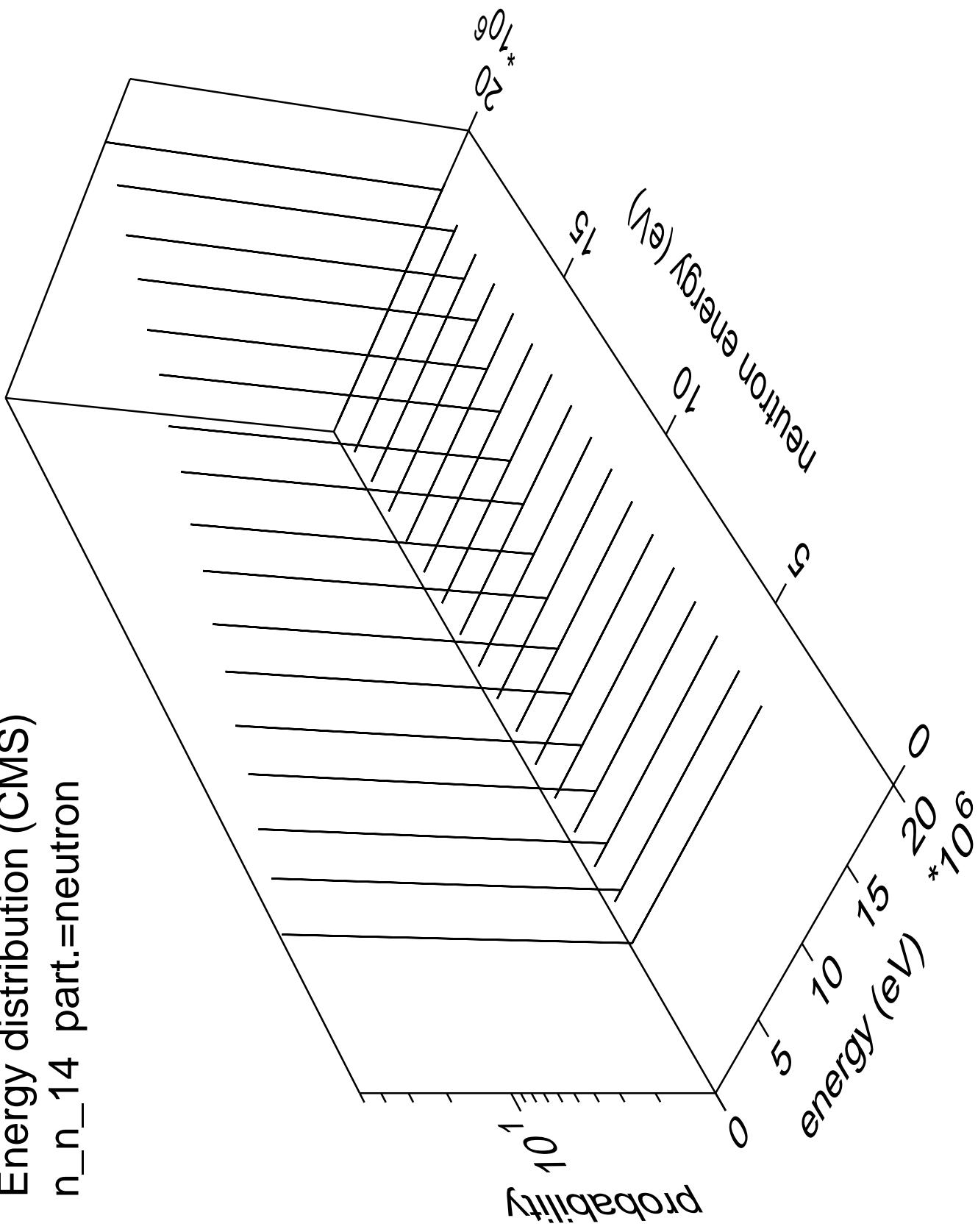
Energy distribution (CMS)  
 $n_n_{13}$  part.=neutron



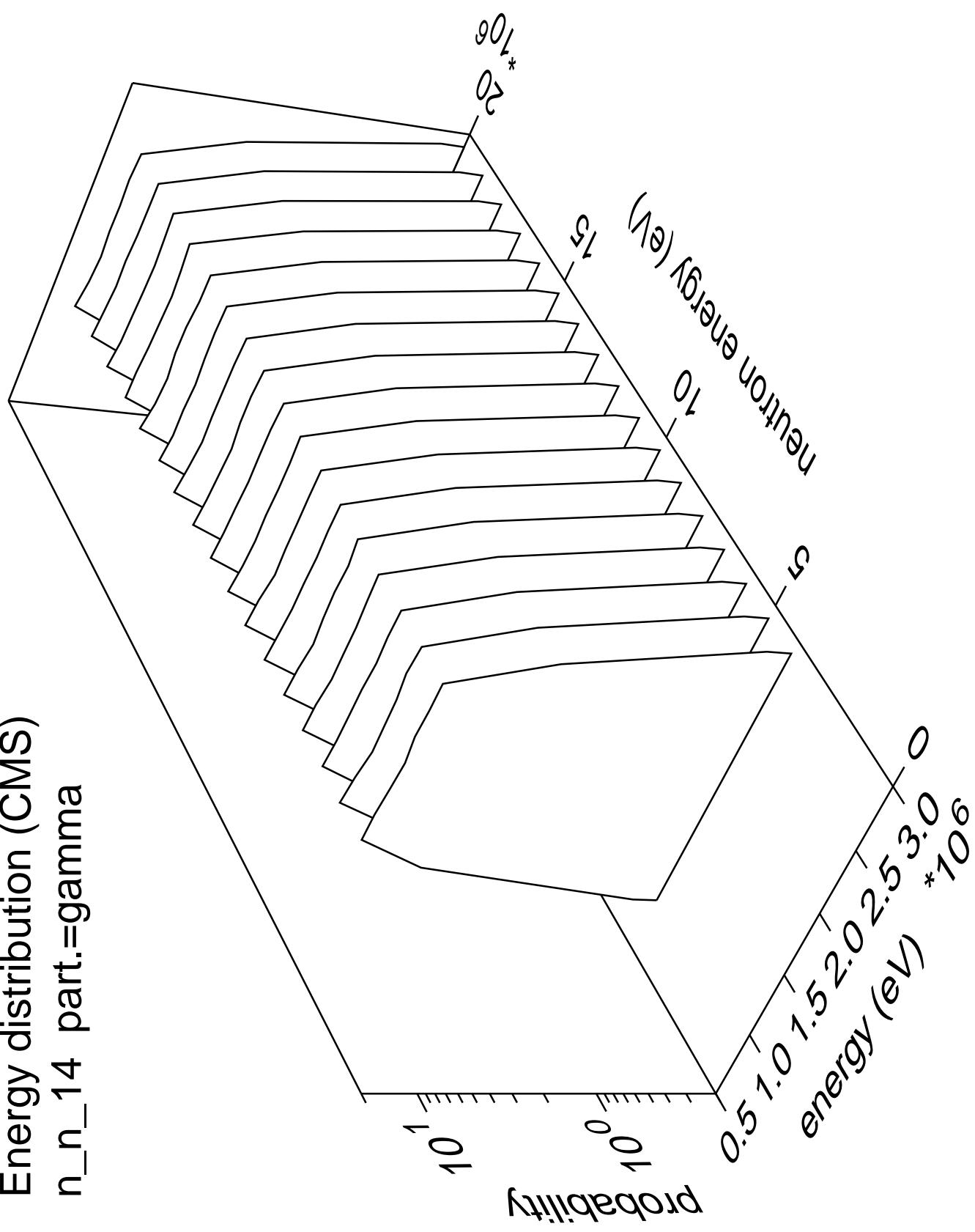
Energy distribution (CMS)  
n\_n\_13 part.=gamma

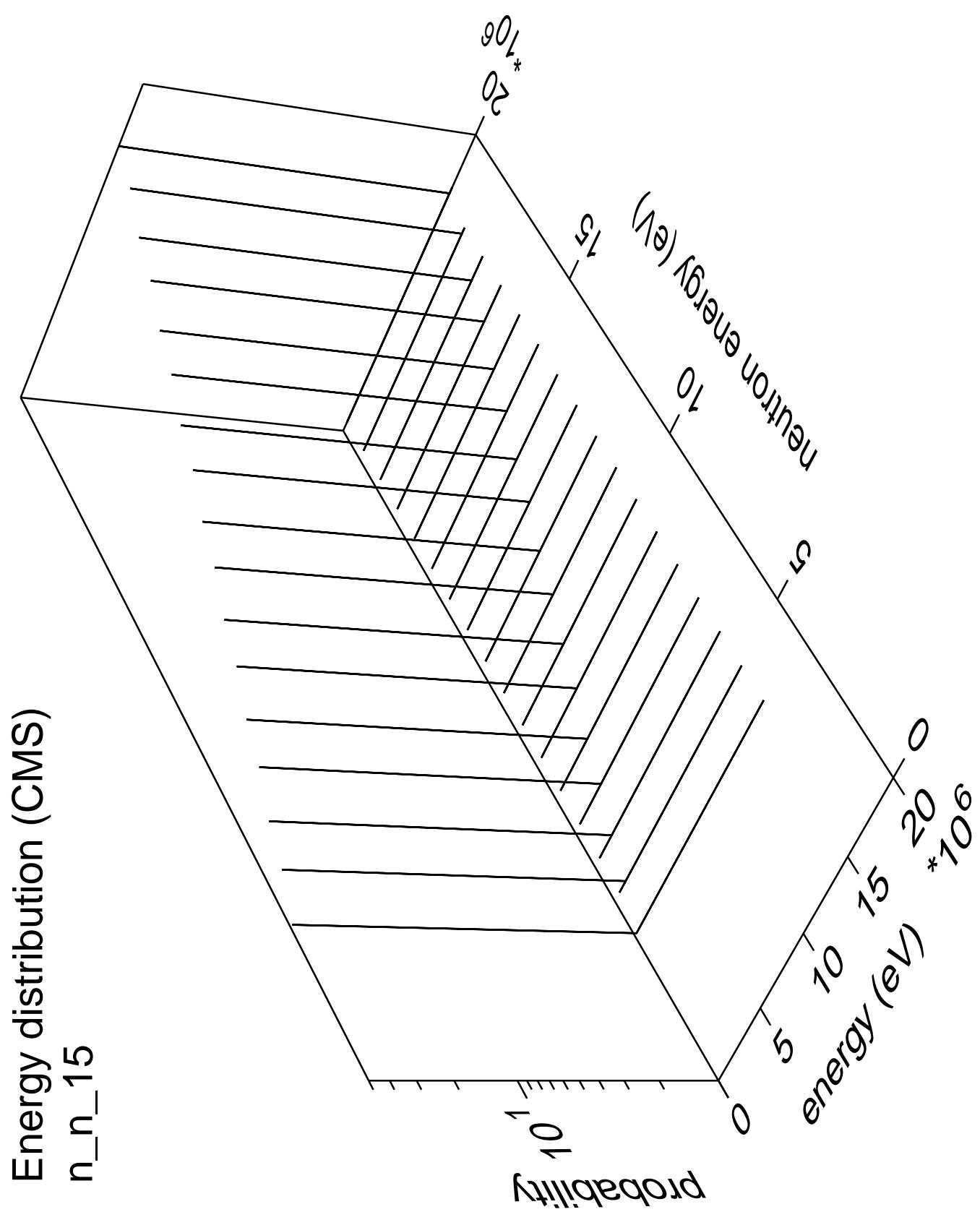


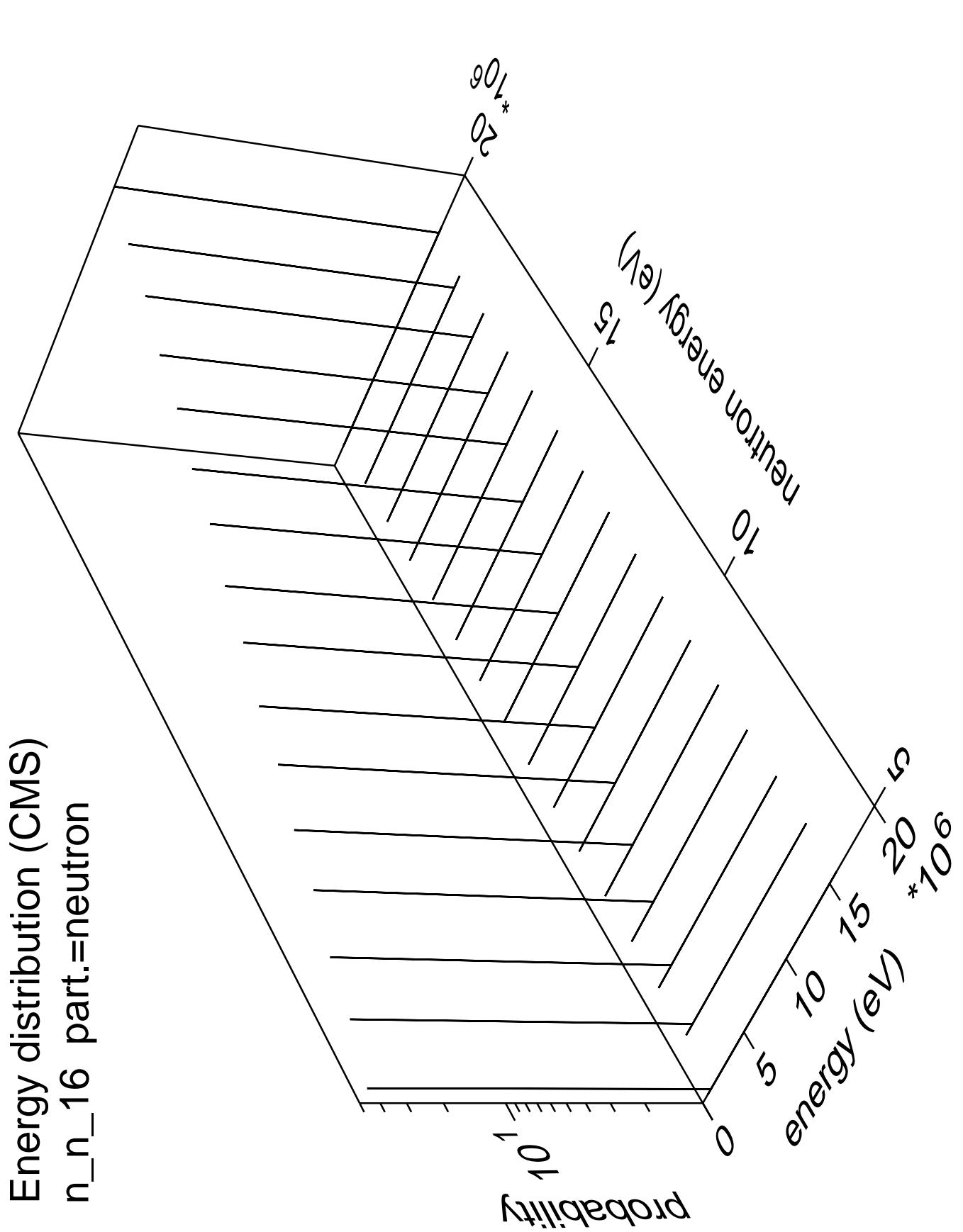
Energy distribution (CMS)  
n\_n\_14 part.=neutron



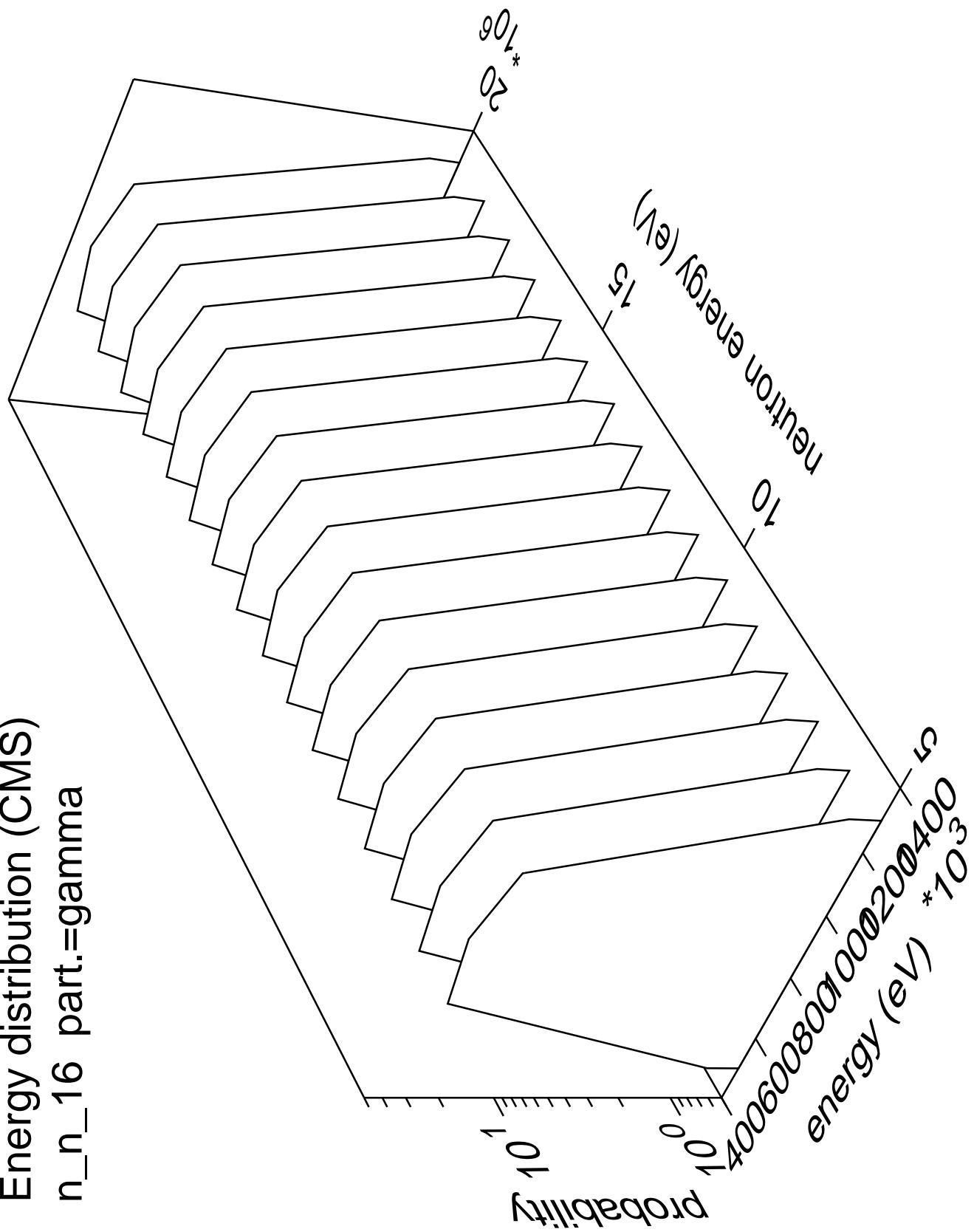
Energy distribution (CMS)  
n\_n\_14 part.=gamma



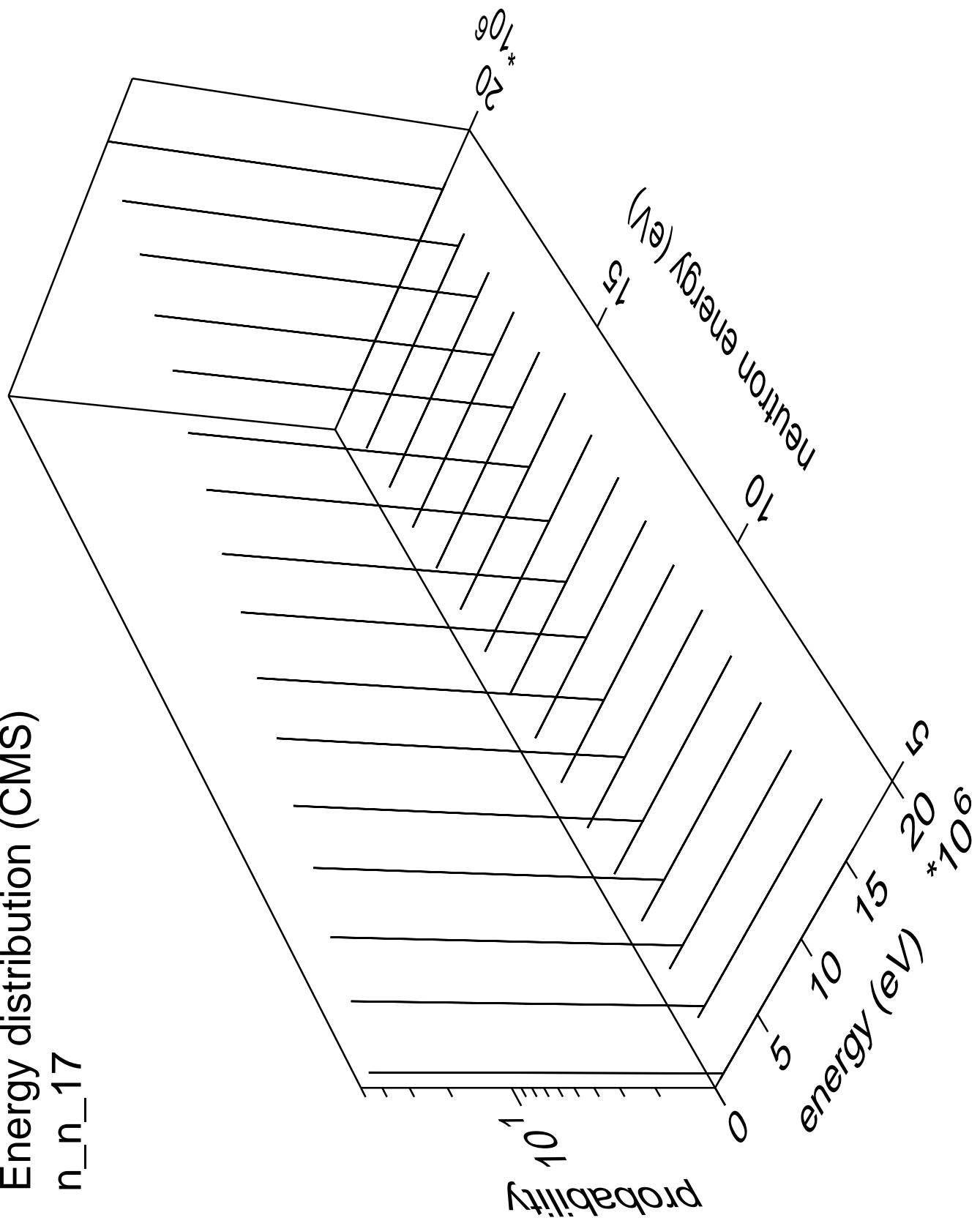


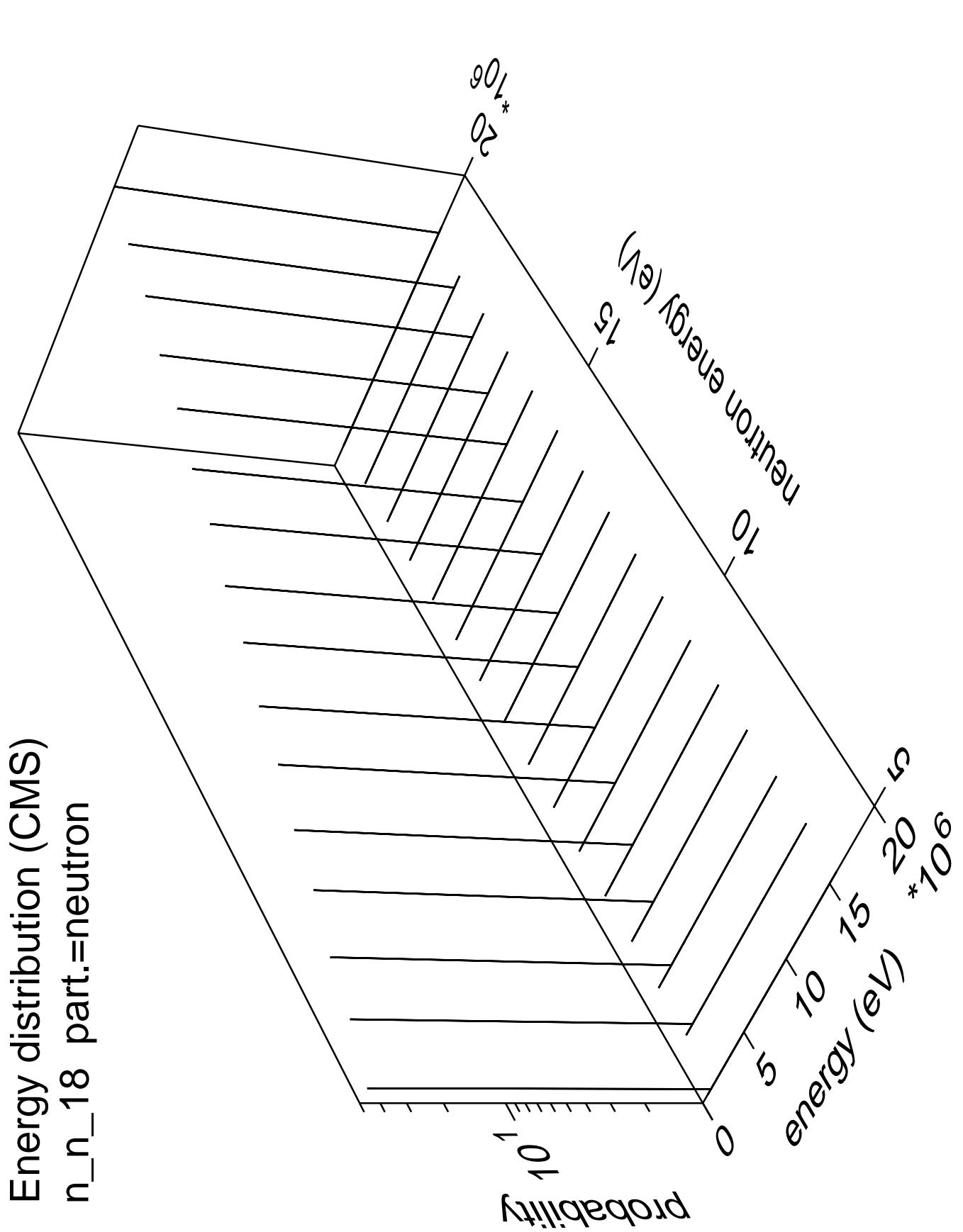


Energy distribution (CMS)  
n\_n\_16 part.=gamma

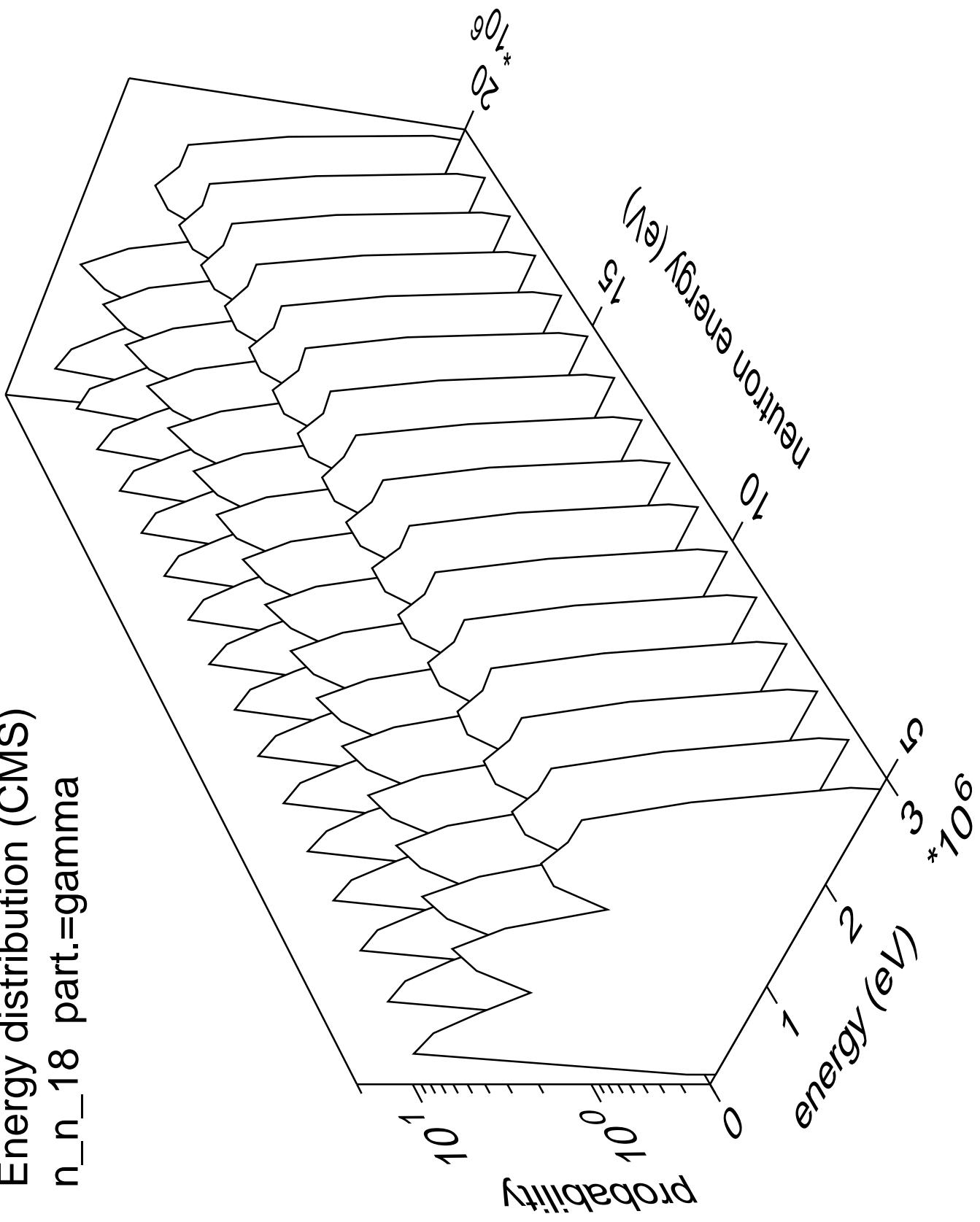


# Energy distribution (CMS) $n_n_{17}$

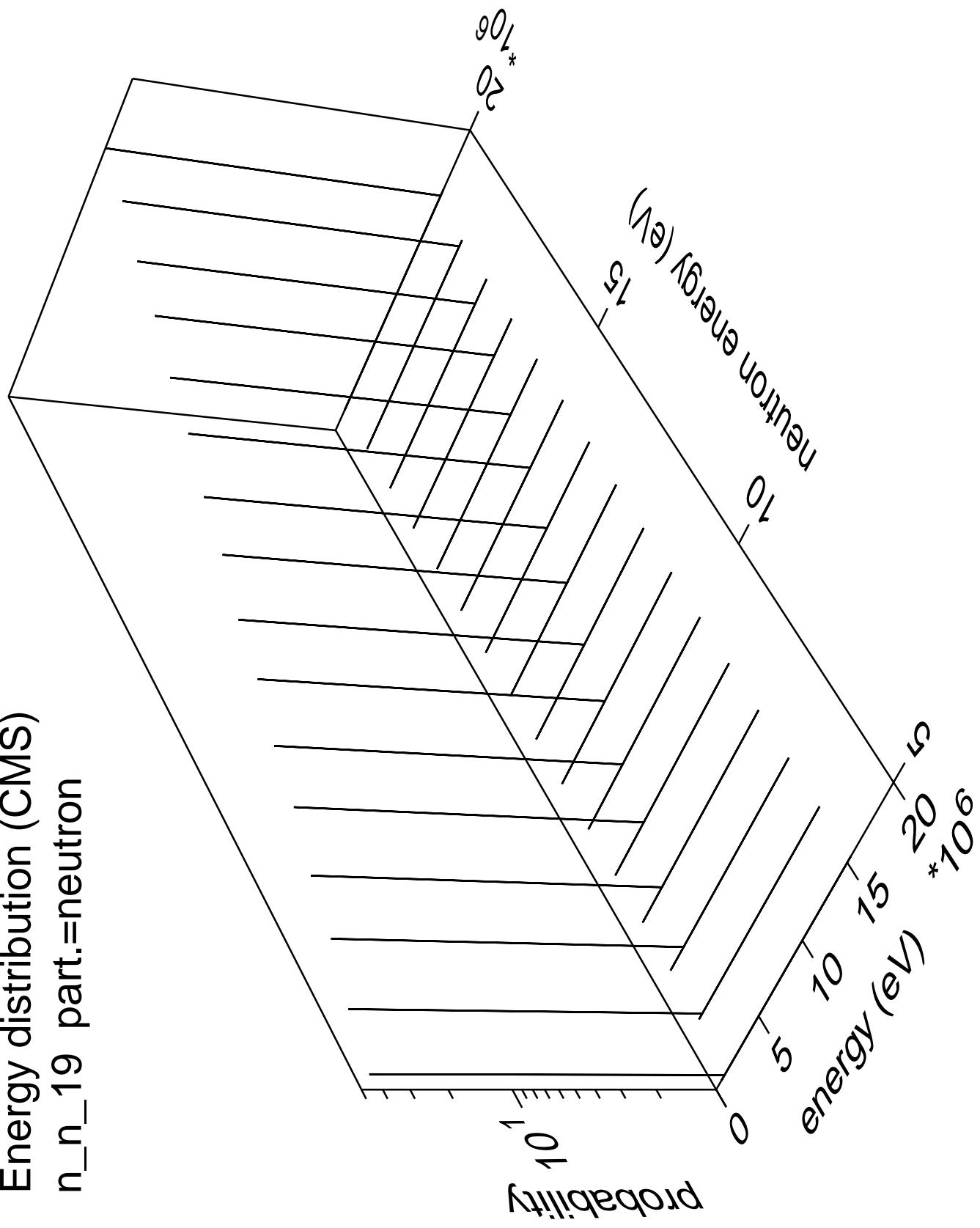




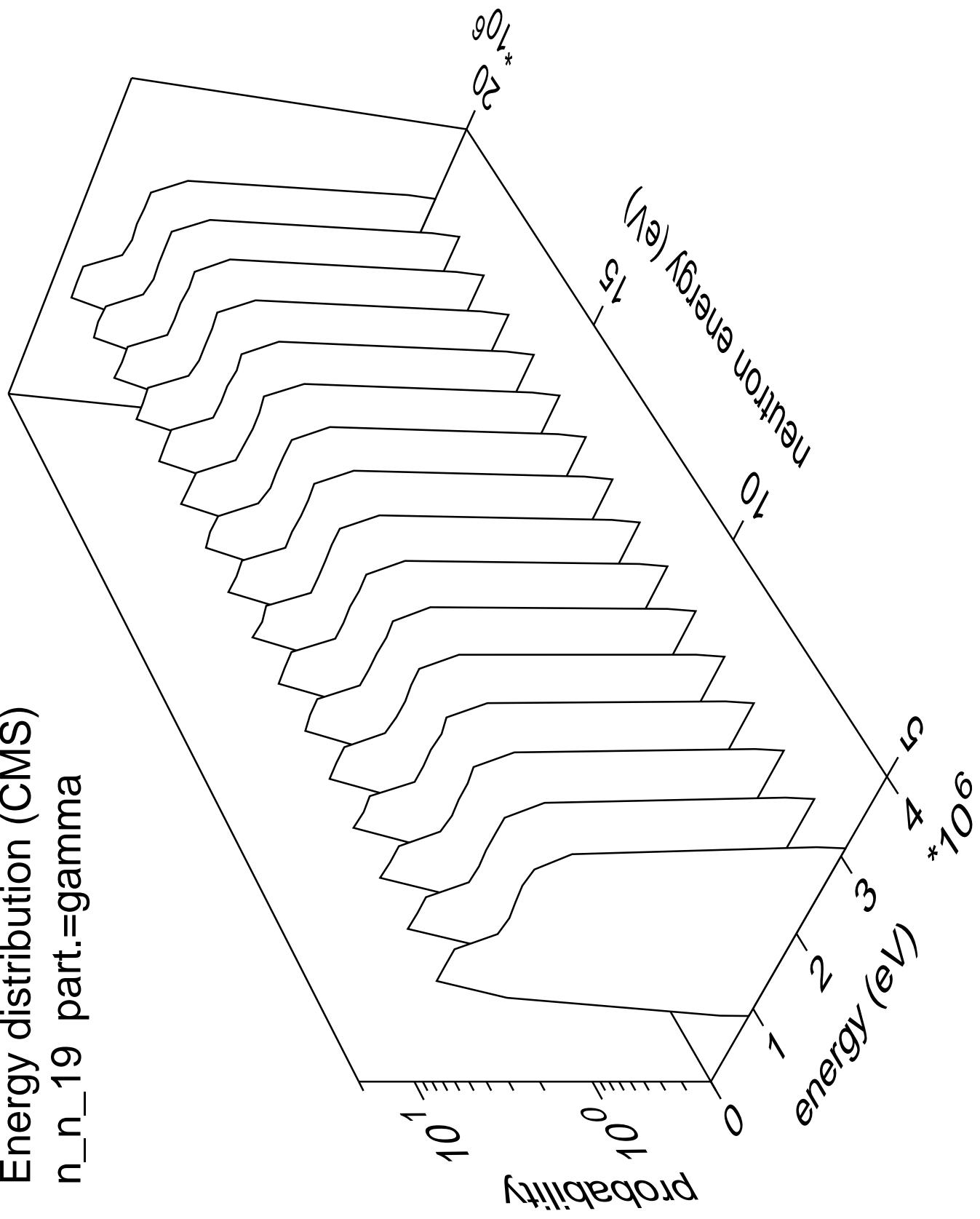
Energy distribution (CMS)  
n\_n\_18 part.=gamma

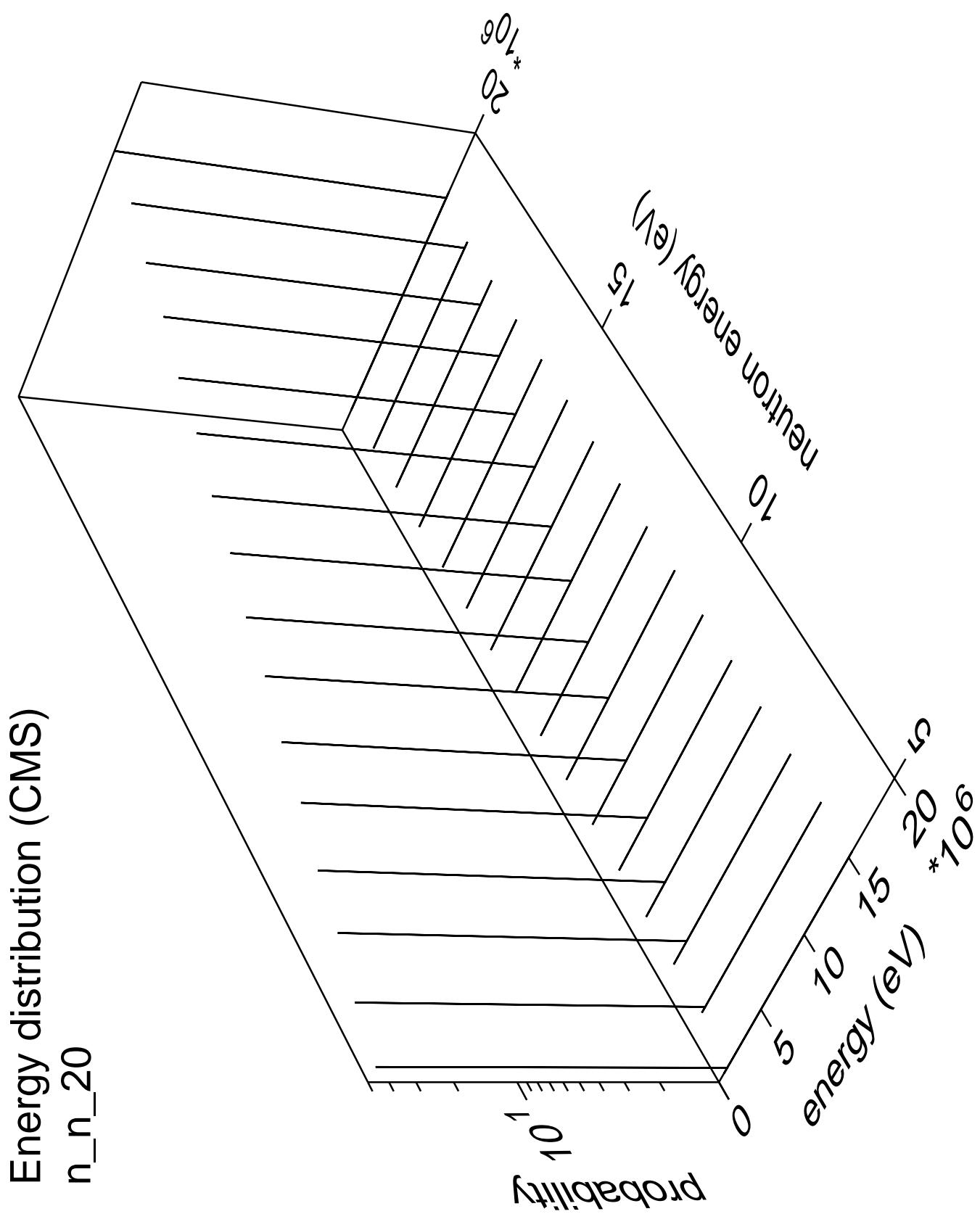


Energy distribution (CMS)  
 $n_n_{19}$  part.=neutron

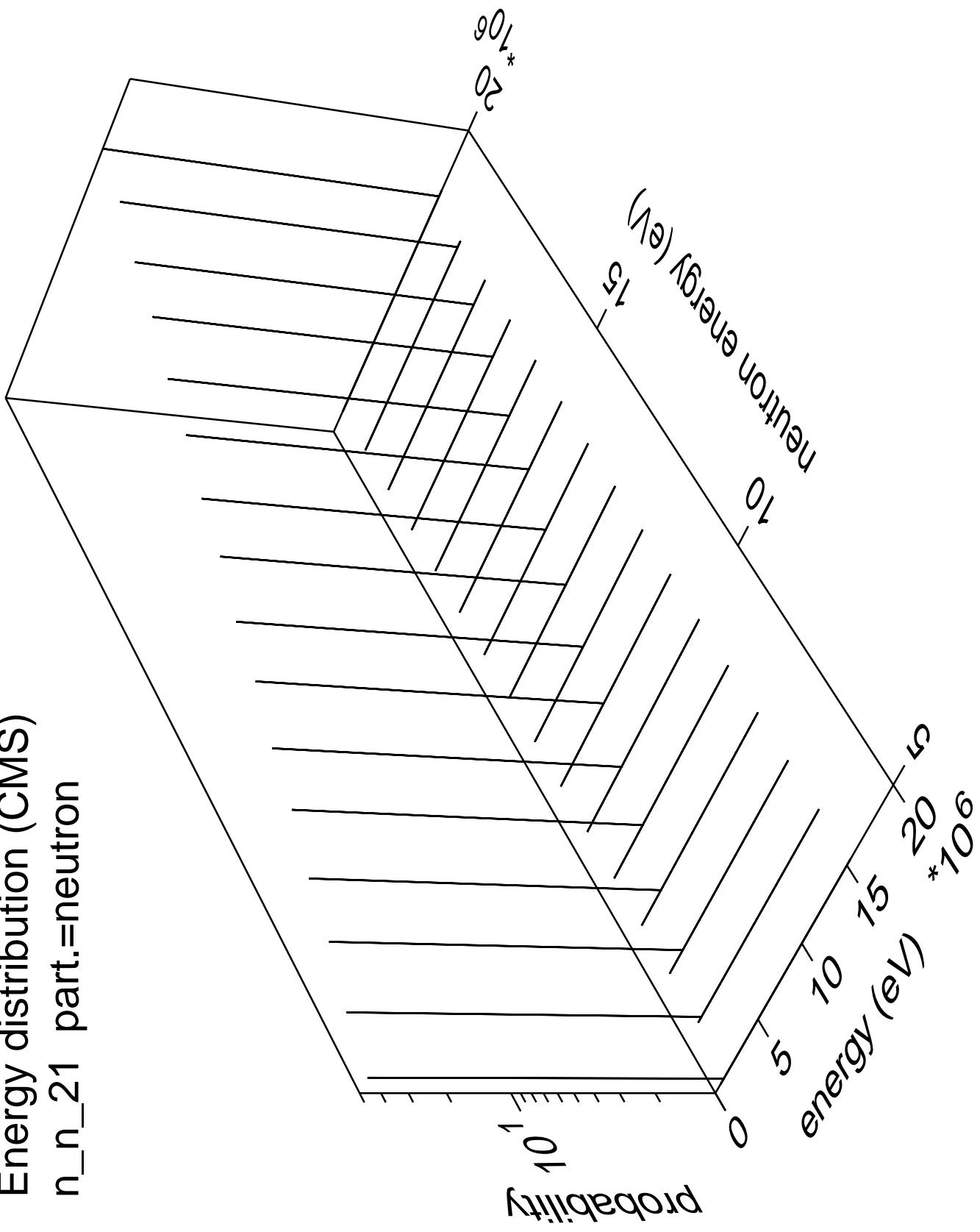


Energy distribution (CMS)  
n\_n\_19 part.=gamma

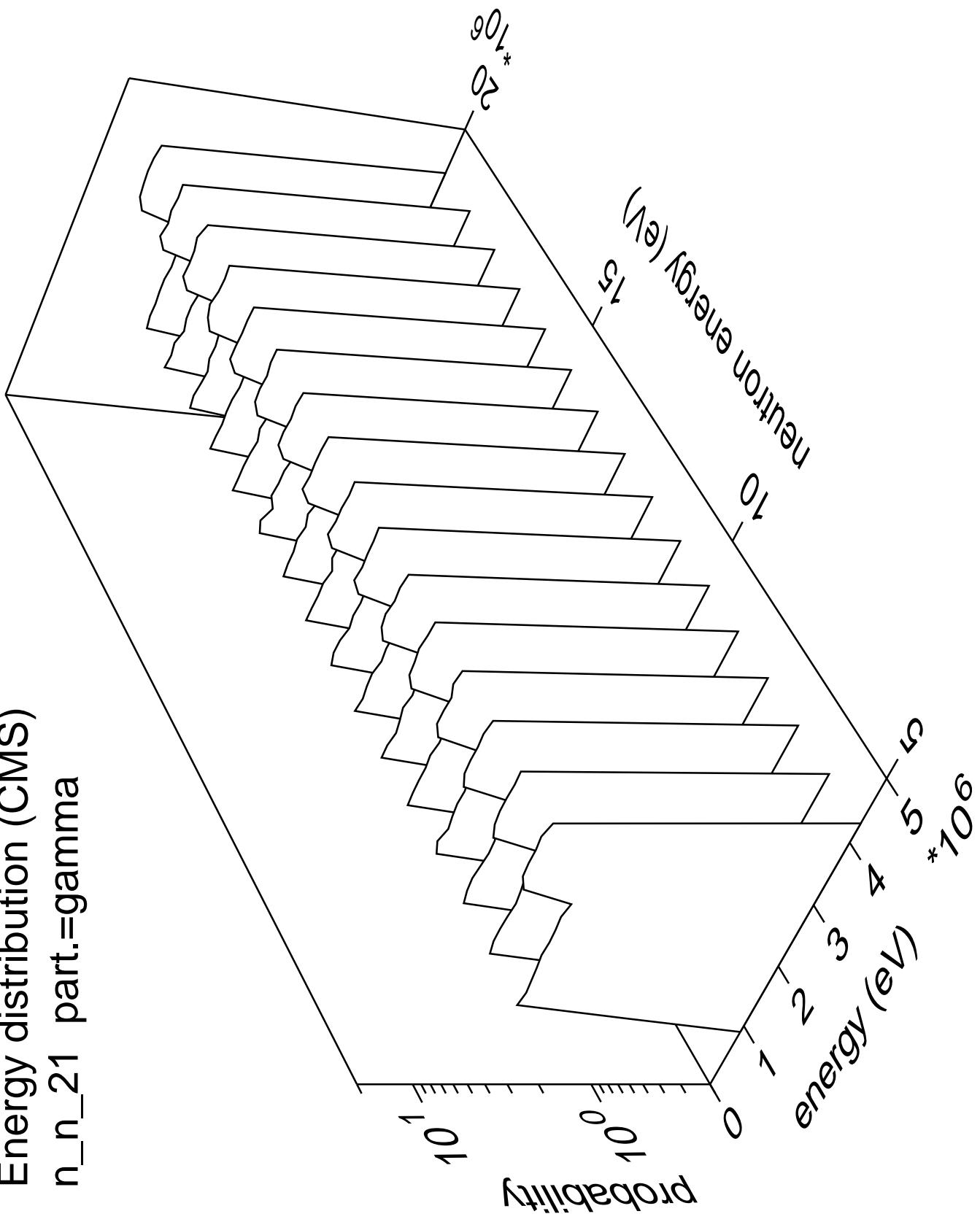




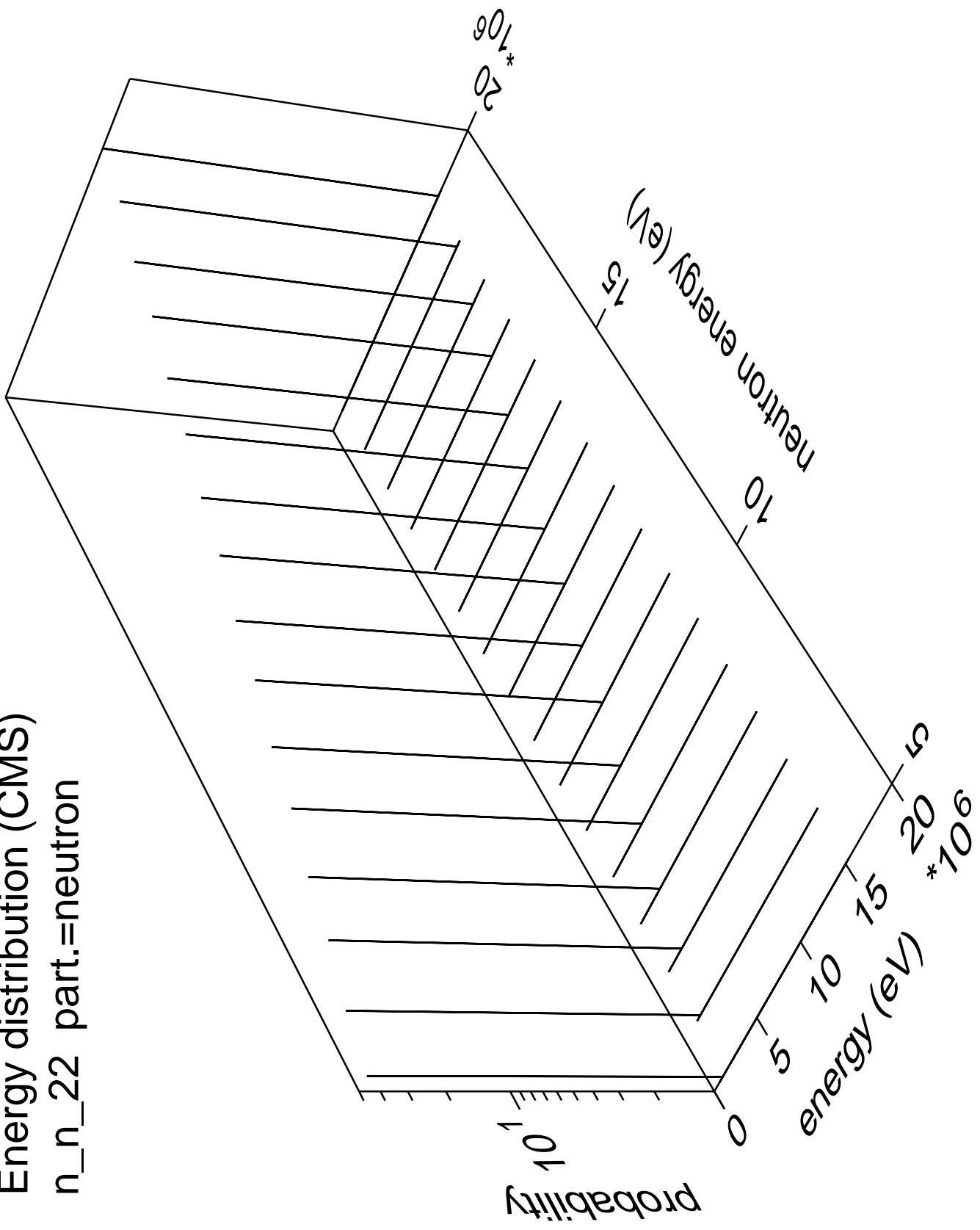
Energy distribution (CMS)  
 $n_{n\_21}$  part.=neutron



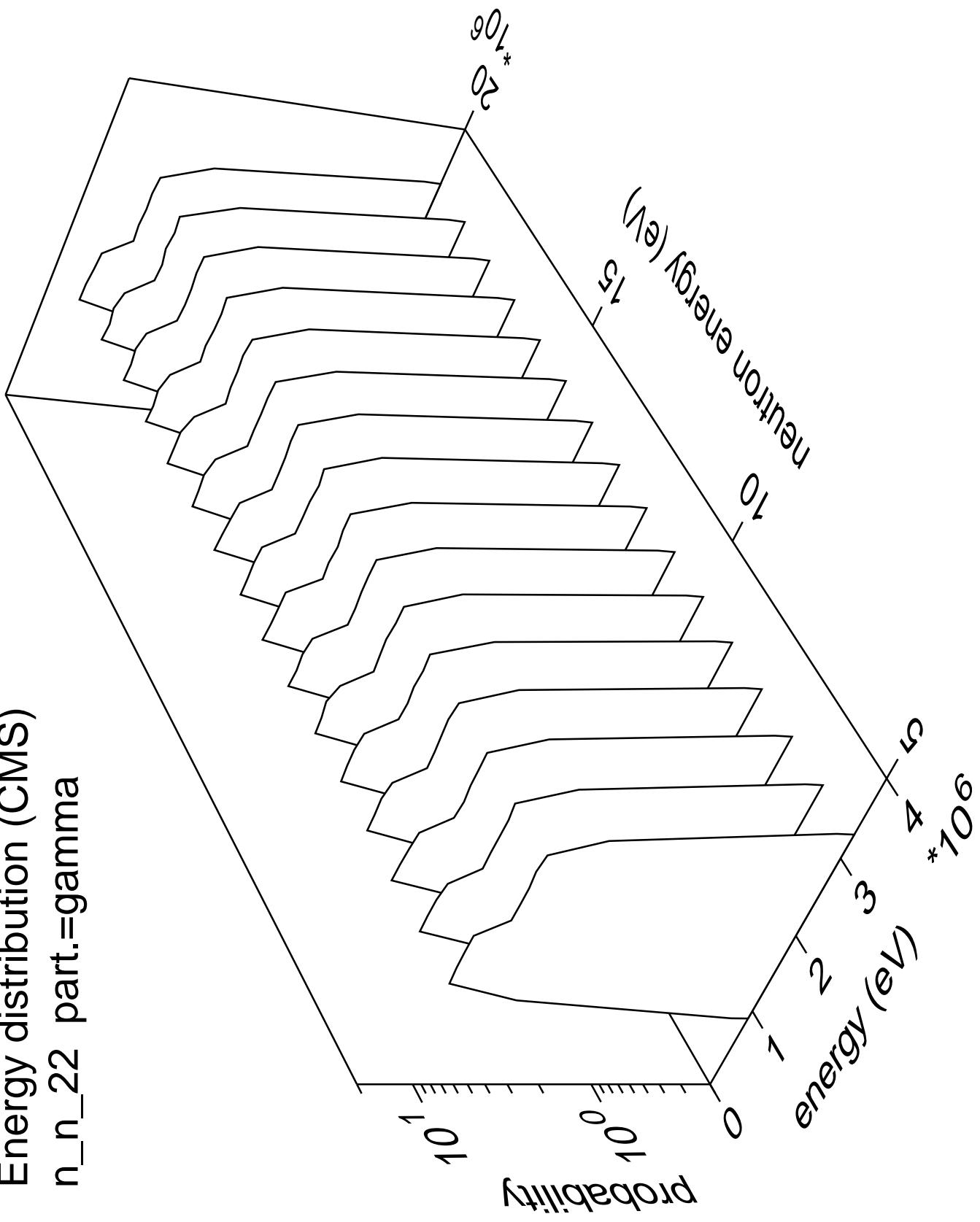
Energy distribution (CMS)  
 $n_{n\_21}$  part.=gamma



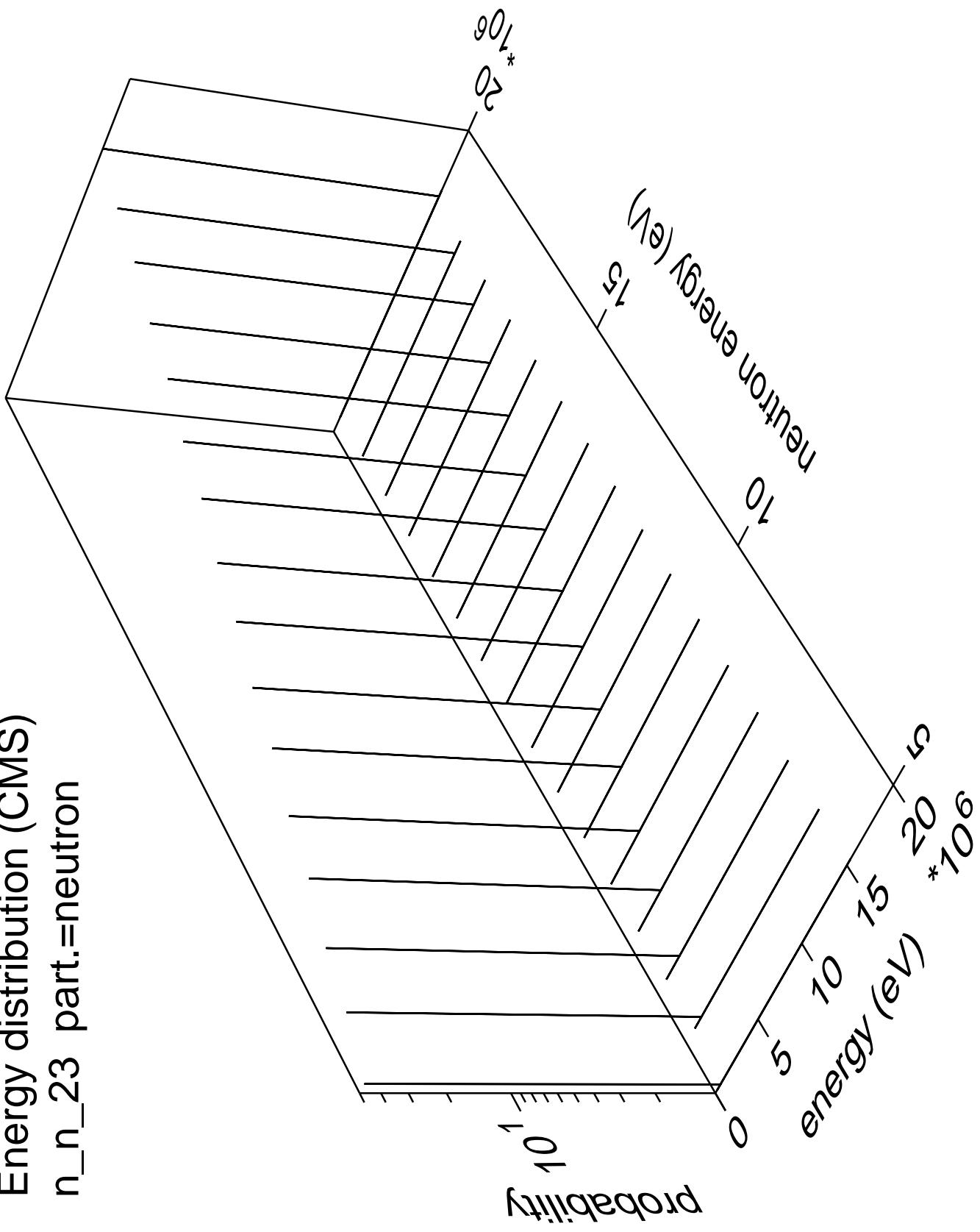
Energy distribution (CMS)  
 $n_n_{22}$  part.=neutron



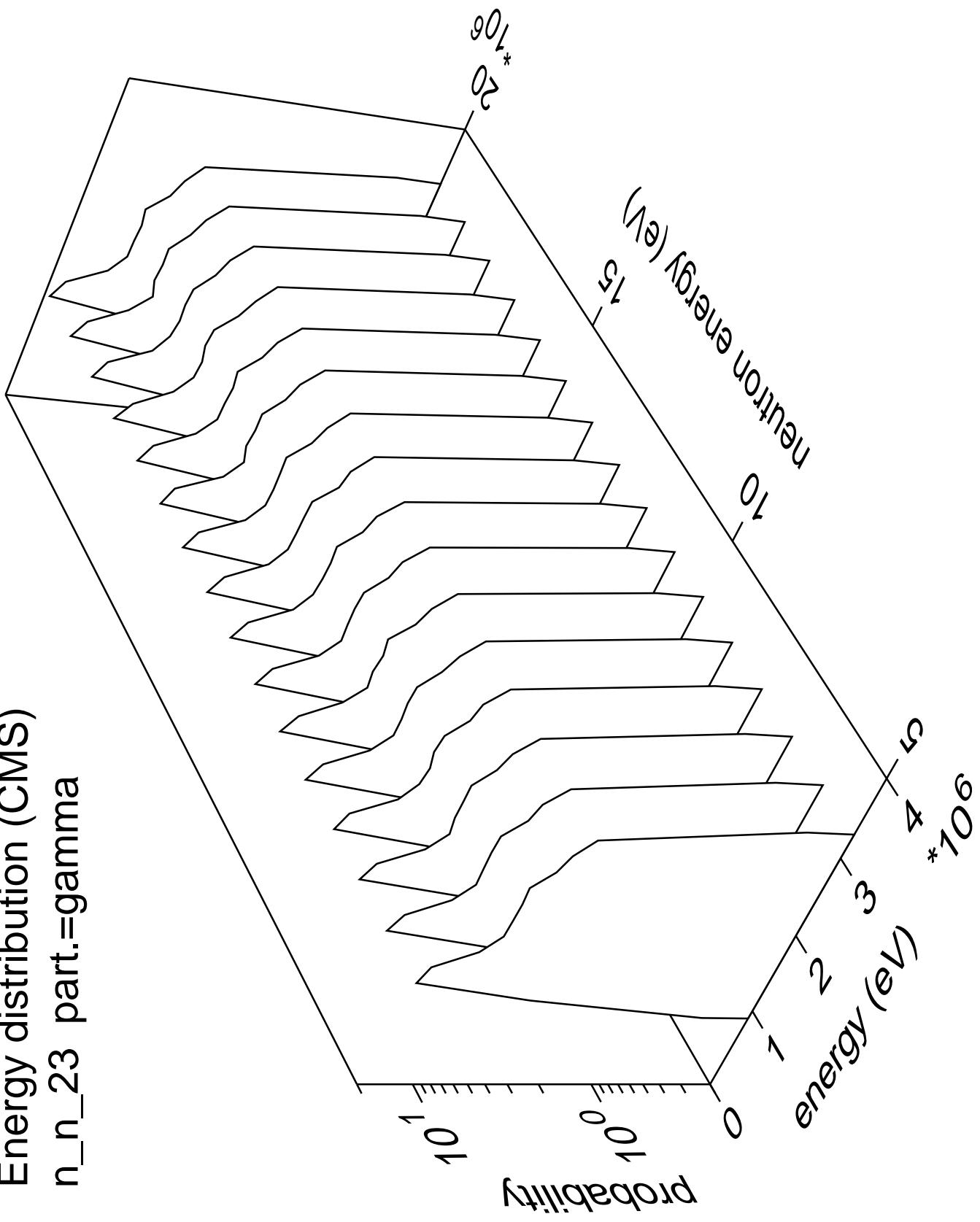
Energy distribution (CMS)  
n\_n\_22 part.=gamma



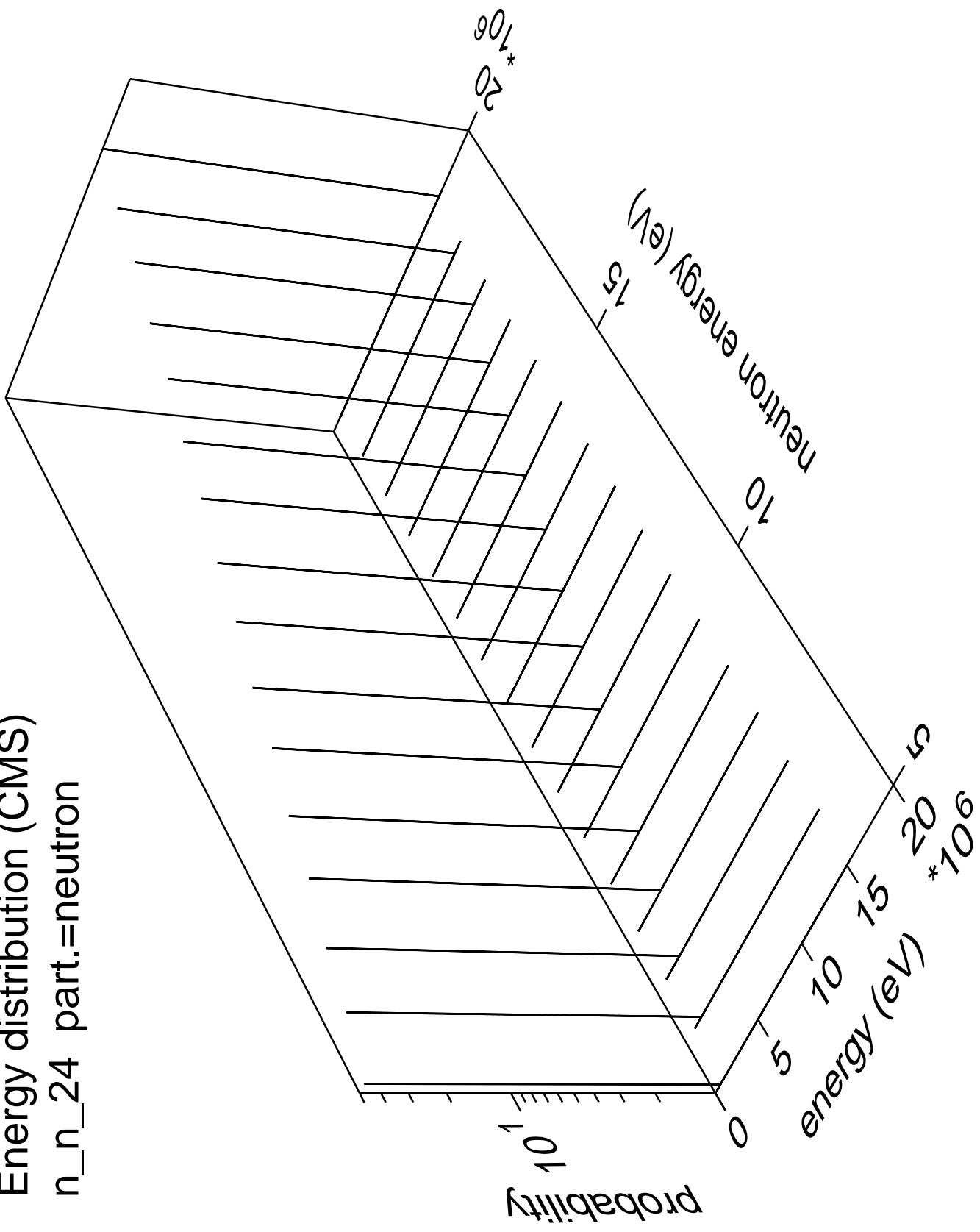
Energy distribution (CMS)  
 $n_{n\_23}$  part.=neutron



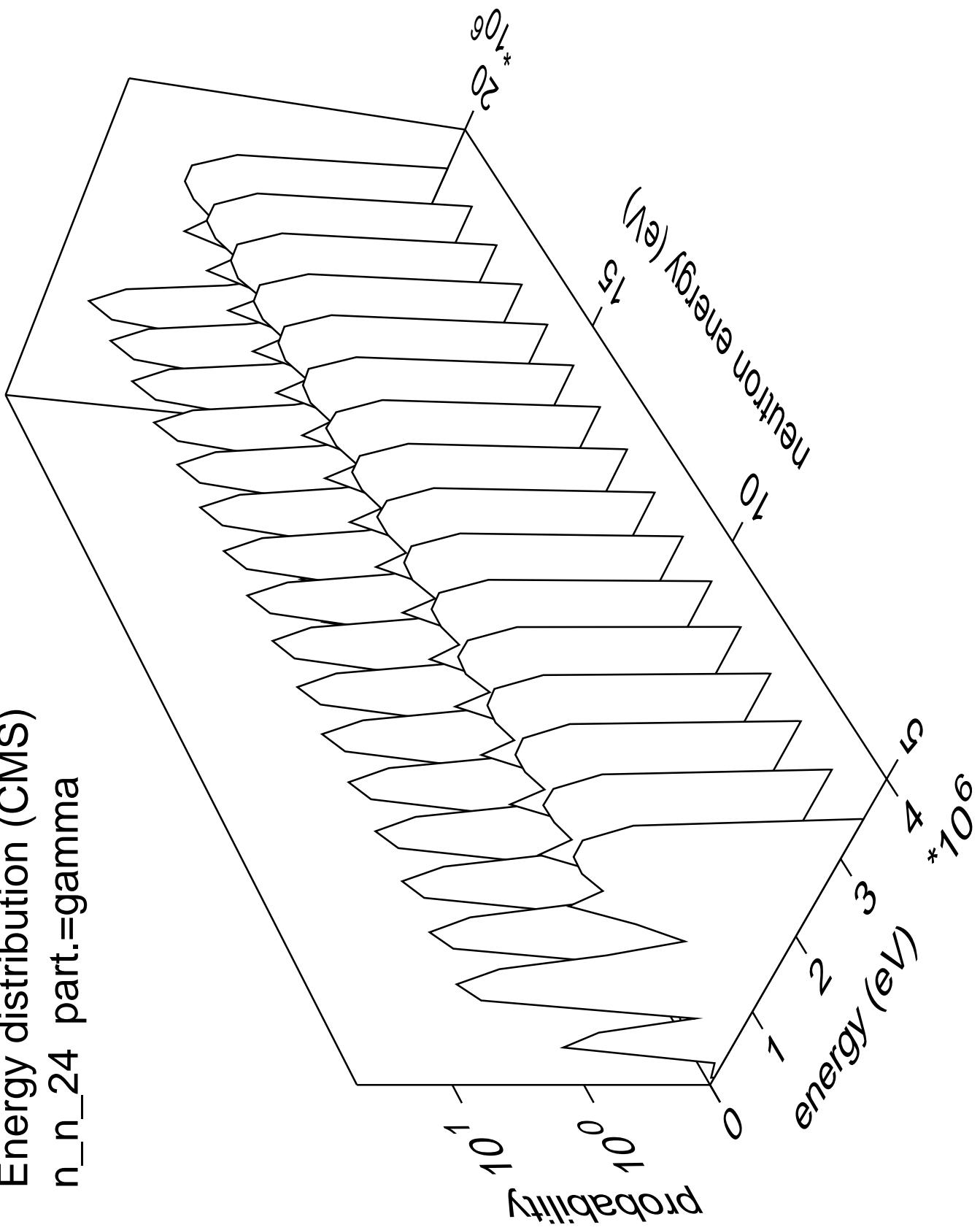
Energy distribution (CMS)  
n\_n\_23 part.=gamma



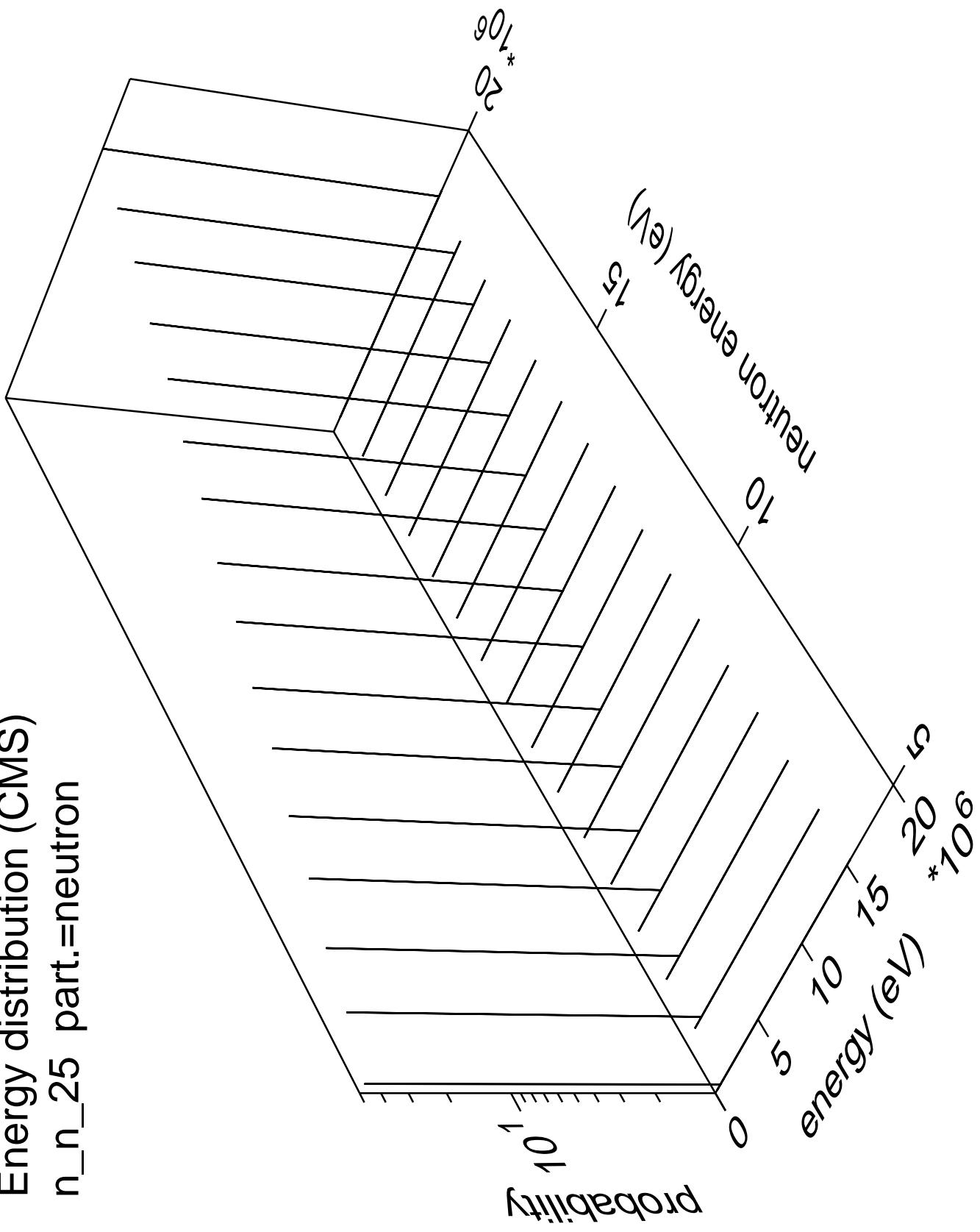
Energy distribution (CMS)  
 $n_{n\_24}$  part.=neutron



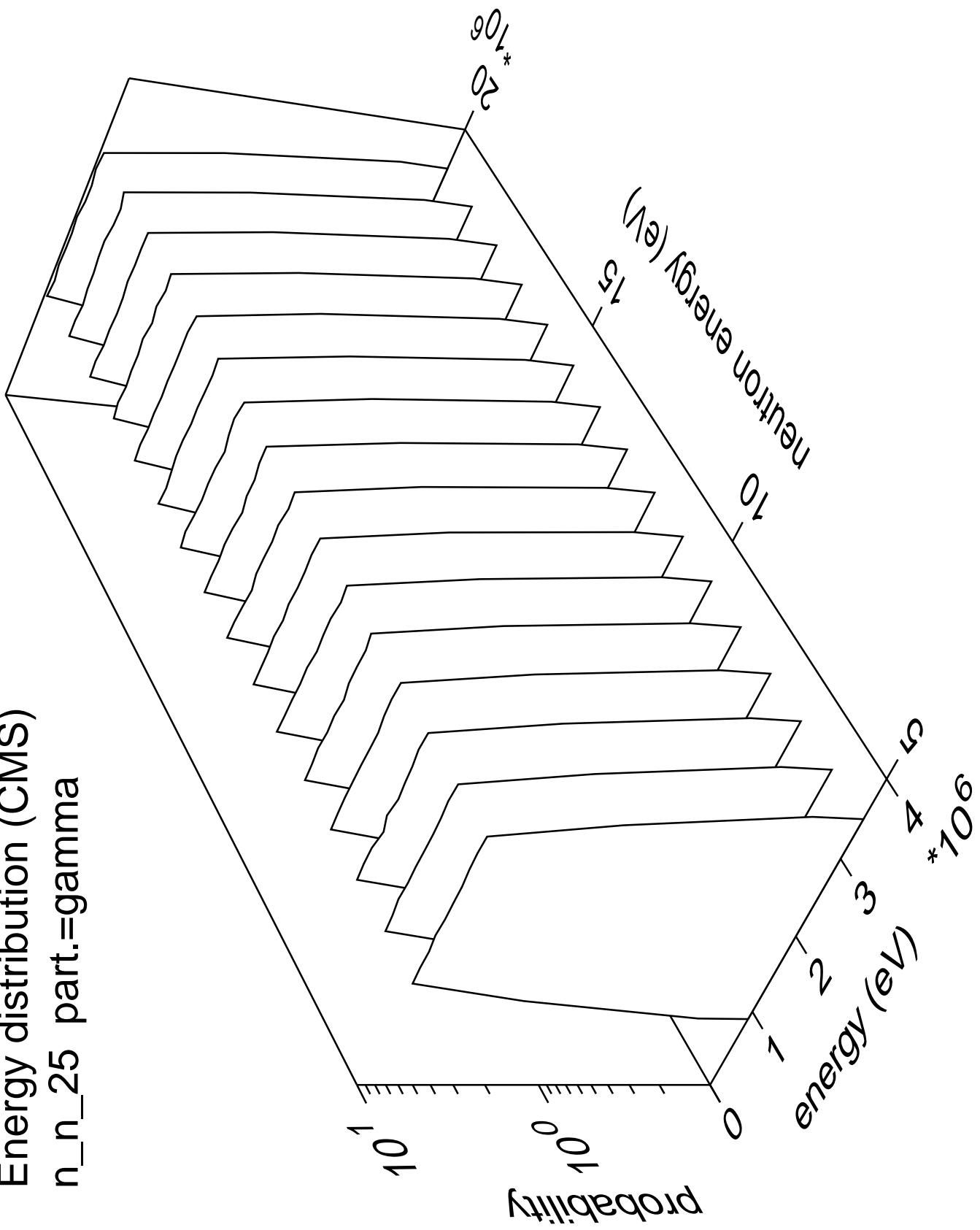
Energy distribution (CMS)  
n\_n\_24 part.=gamma



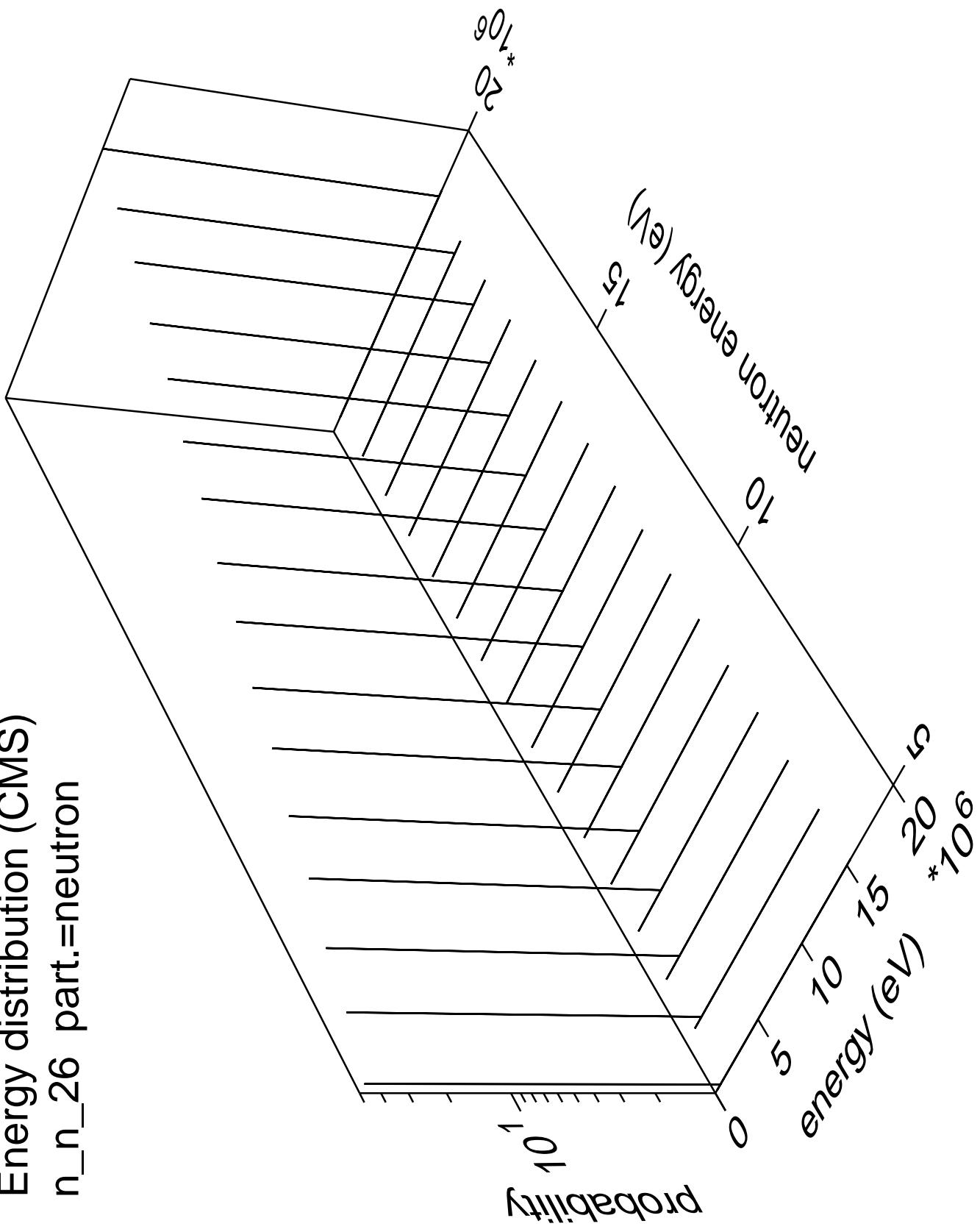
Energy distribution (CMS)  
 $n_n_{25}$  part.=neutron



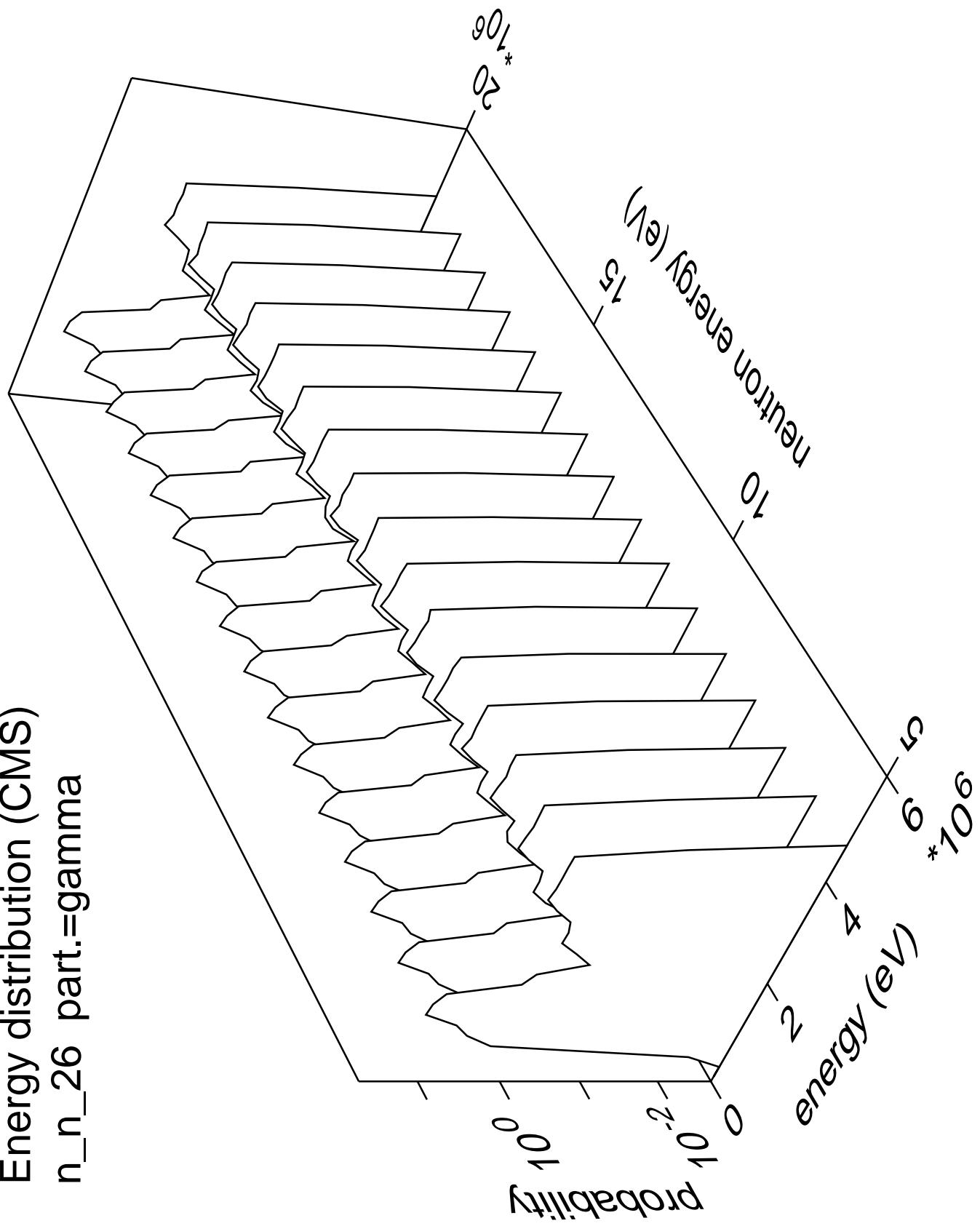
Energy distribution (CMS)  
 $n_n_{25}$  part.=gamma



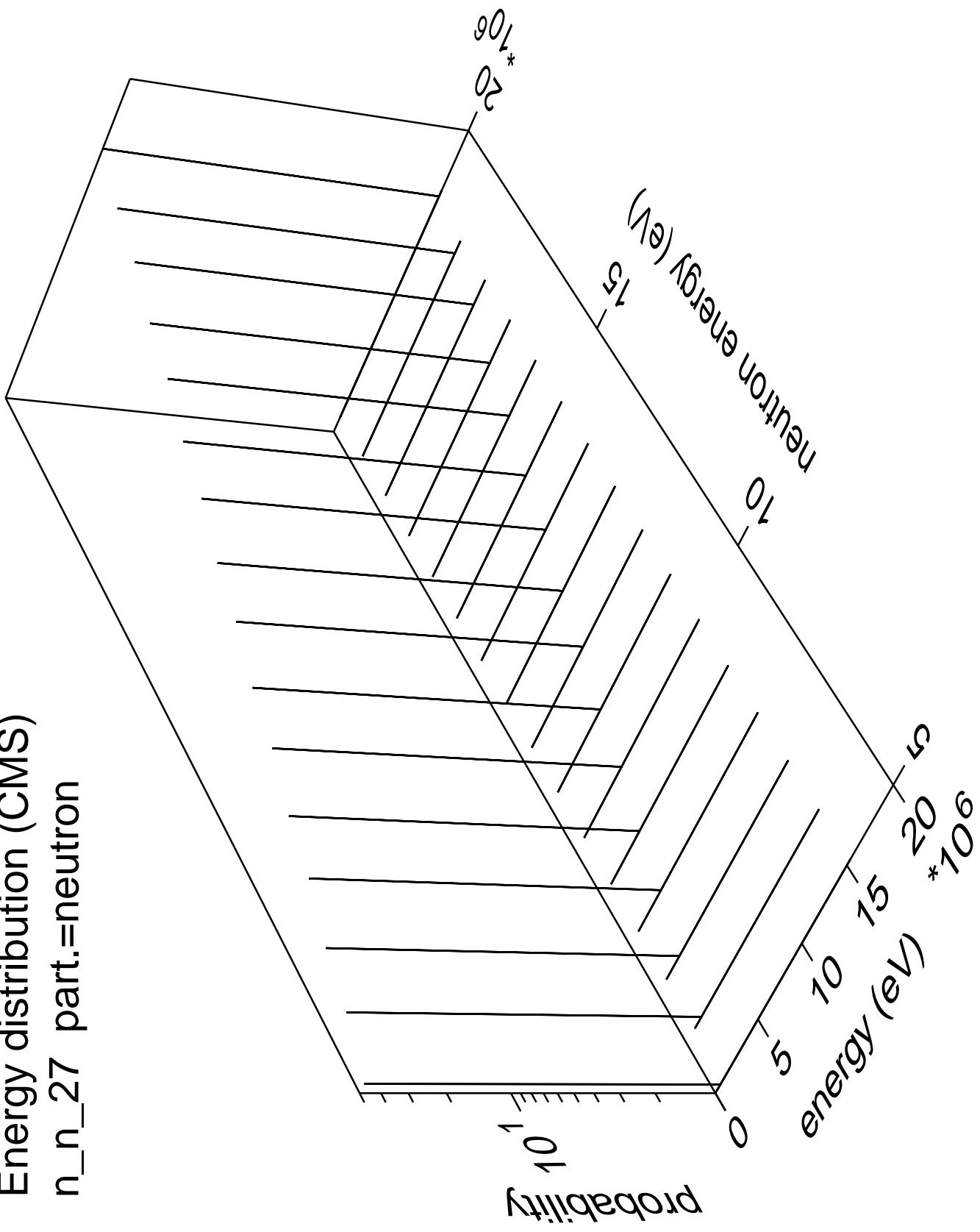
Energy distribution (CMS)  
 $n_n_{26}$  part.=neutron



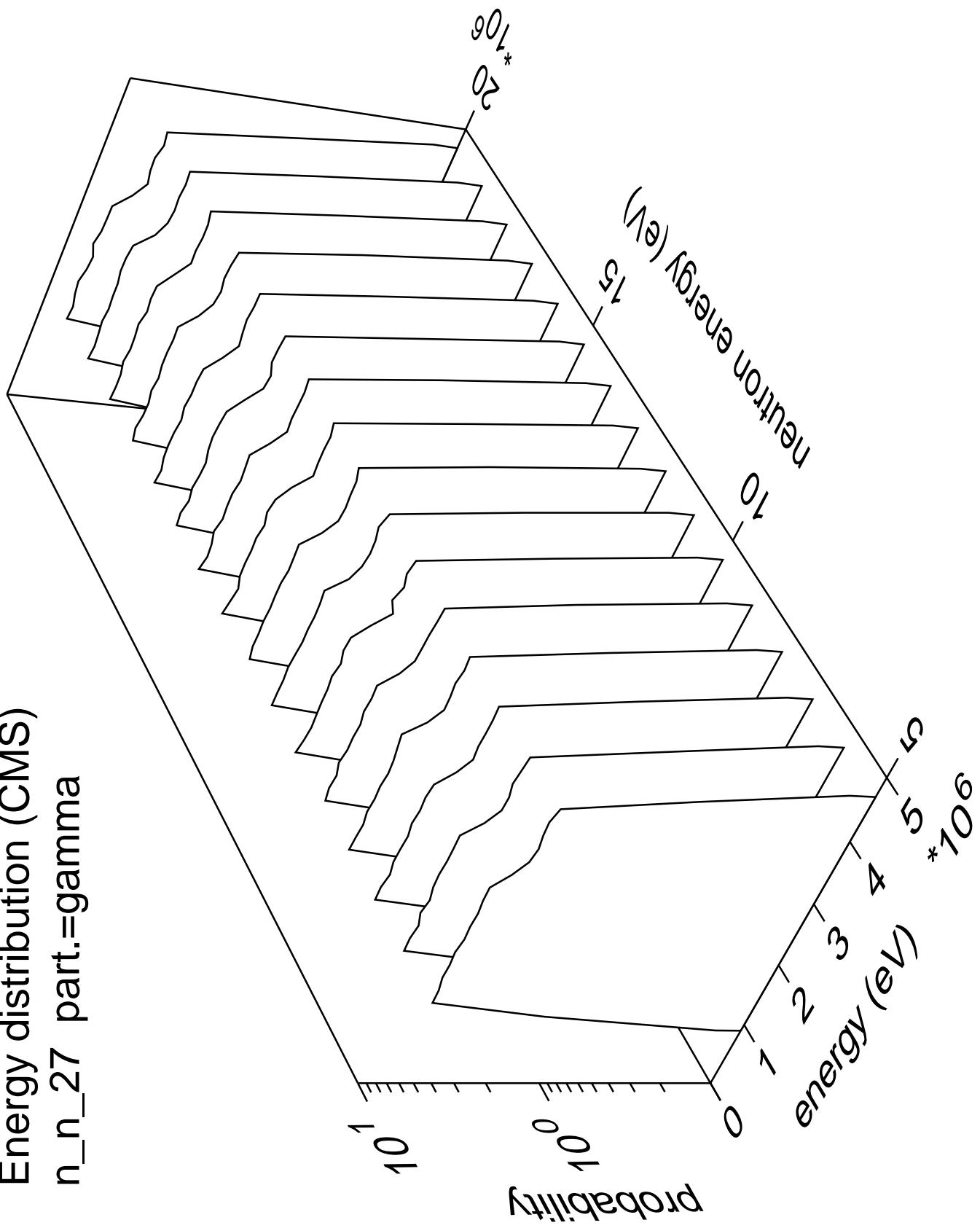
Energy distribution (CMS)  
n\_n\_26 part.=gamma

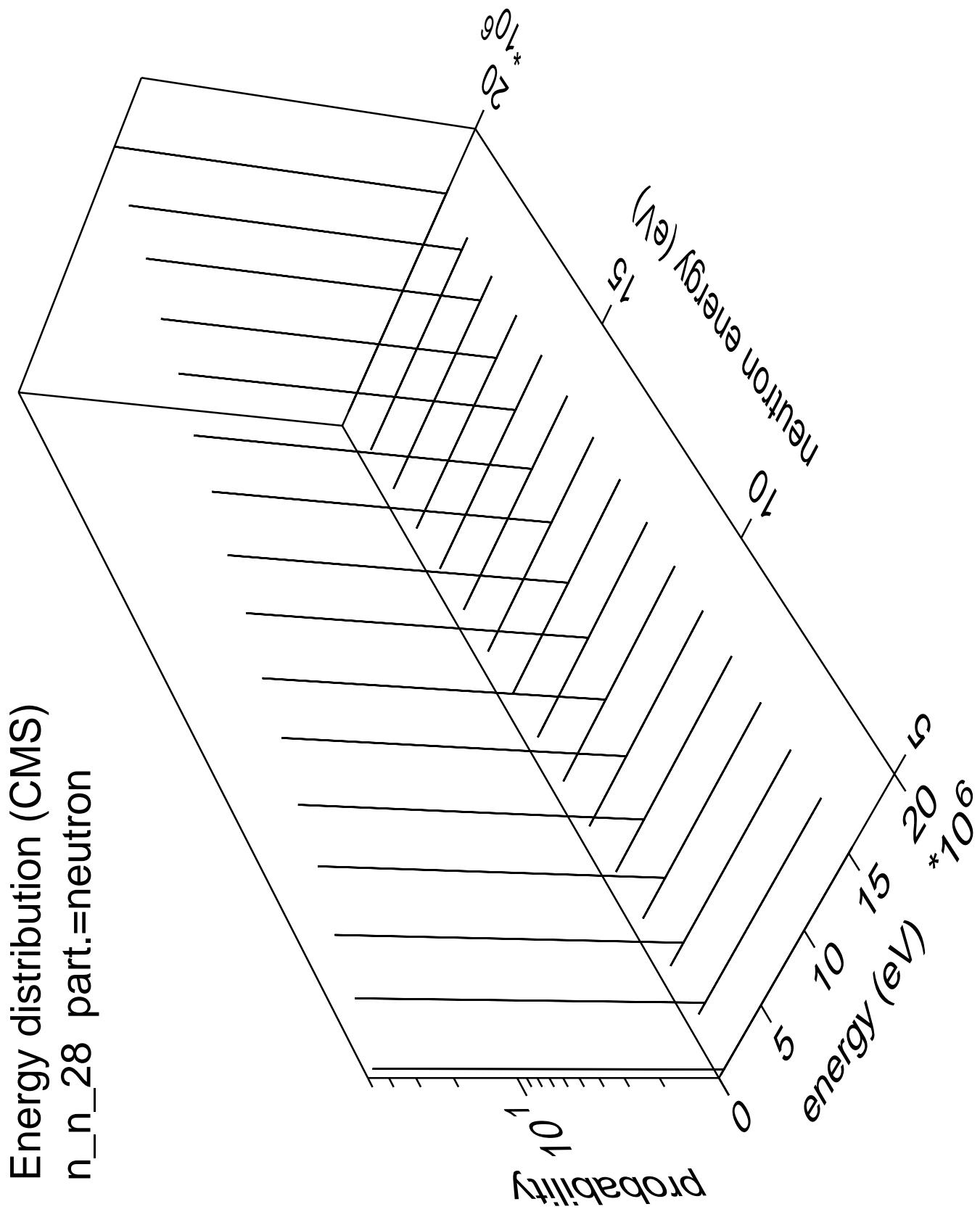


Energy distribution (CMS)  
n\_n\_27 part.=neutron

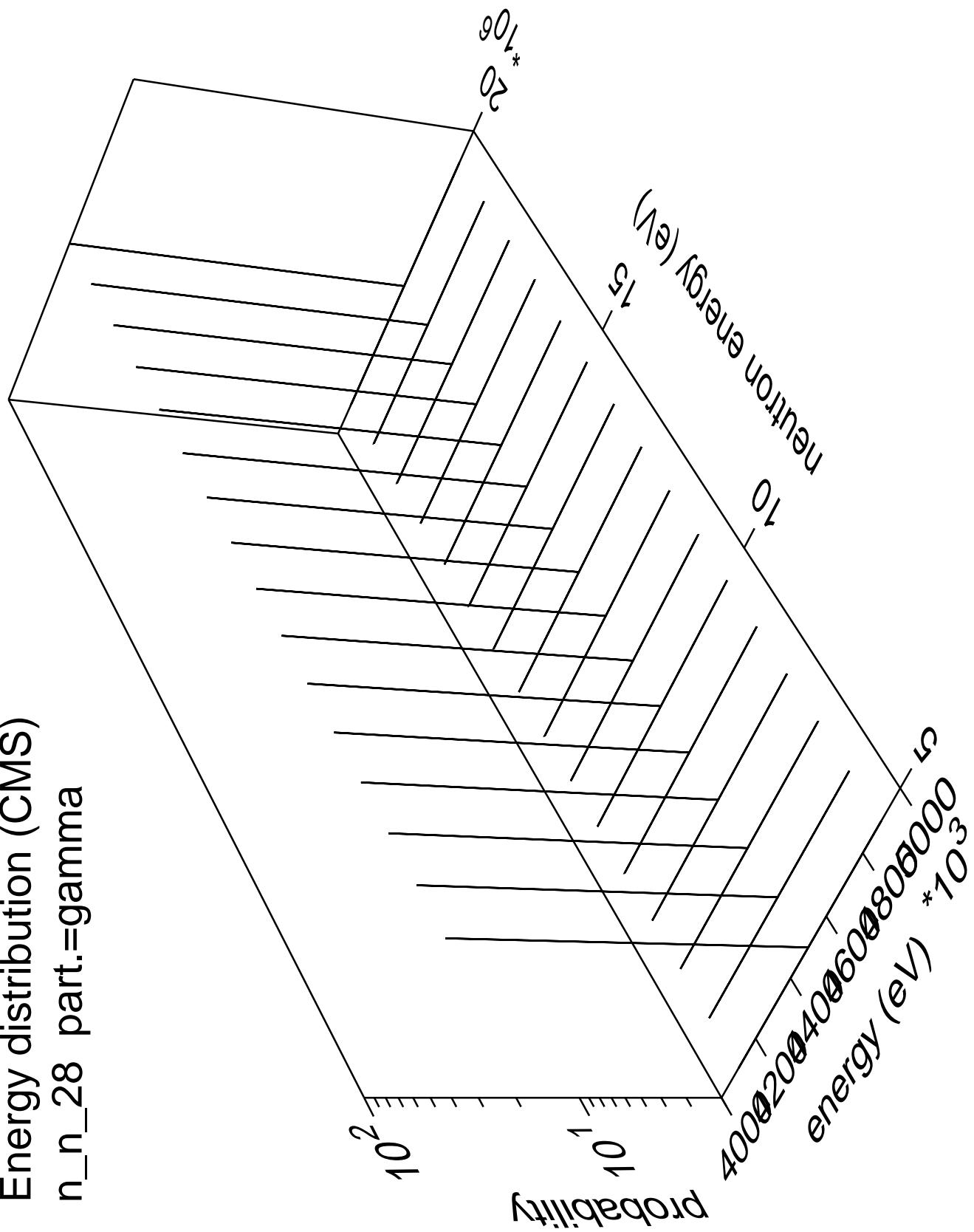


Energy distribution (CMS)  
n\_n\_27 part.=gamma

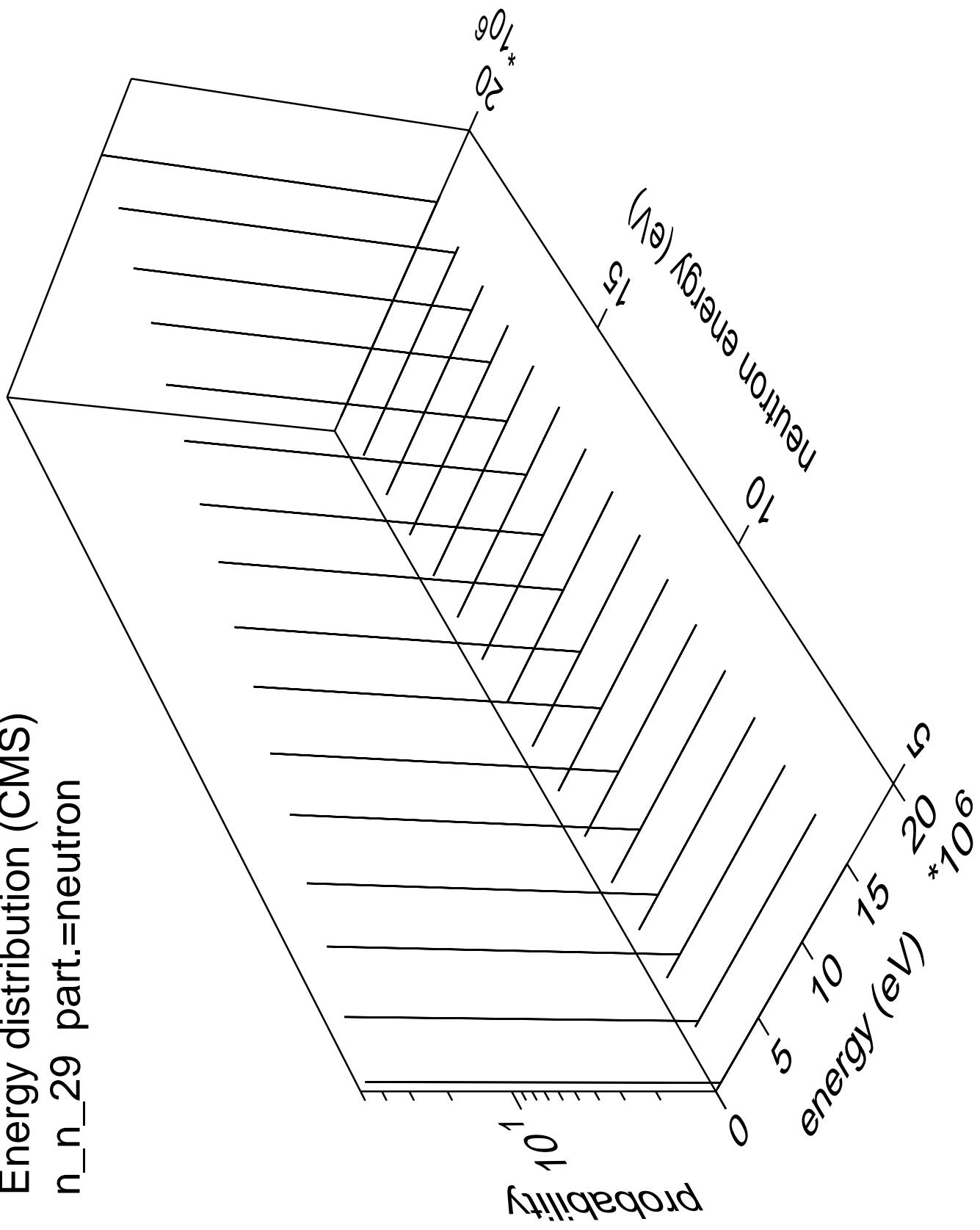




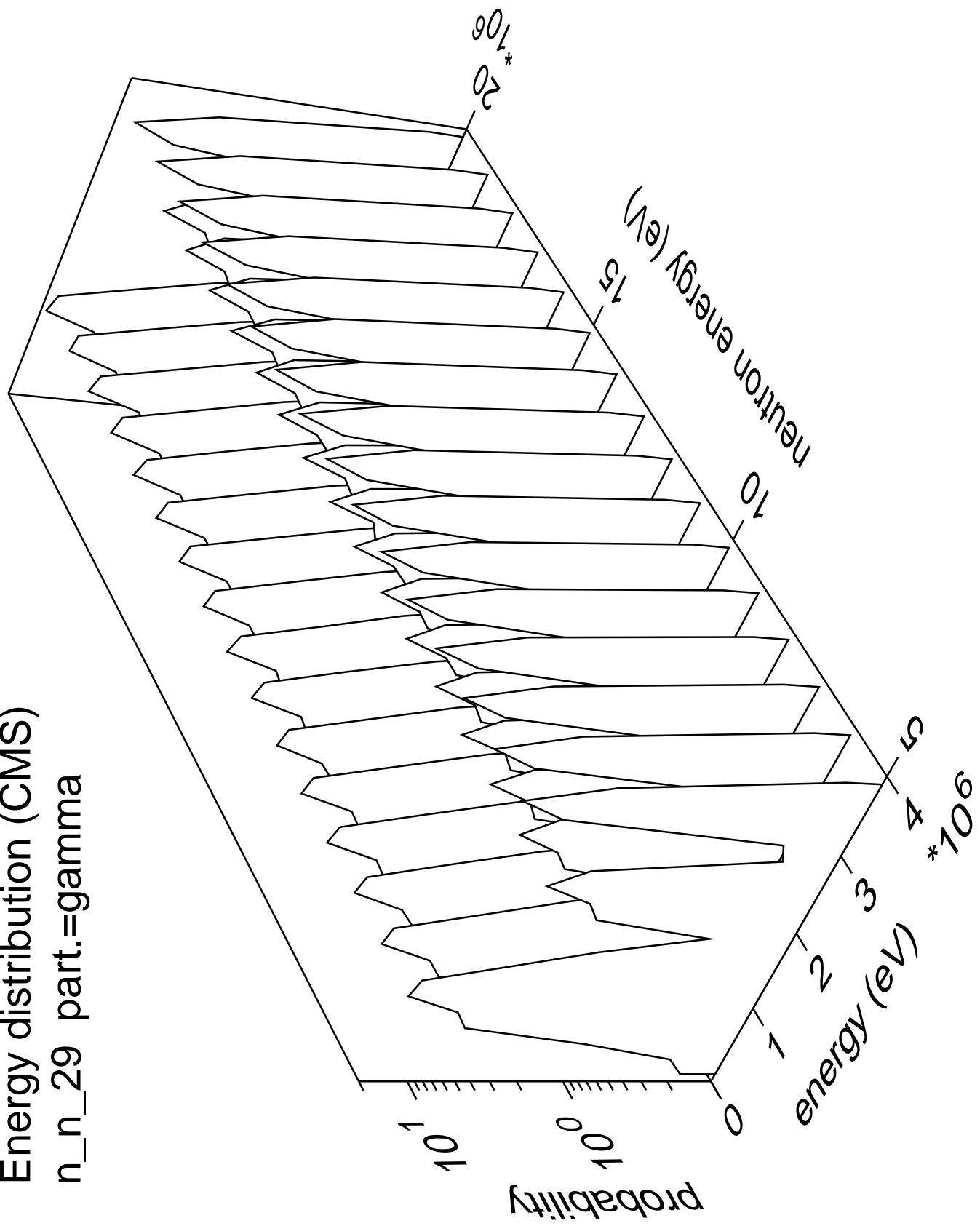
Energy distribution (CMS)  
n\_n\_28 part.=gamma



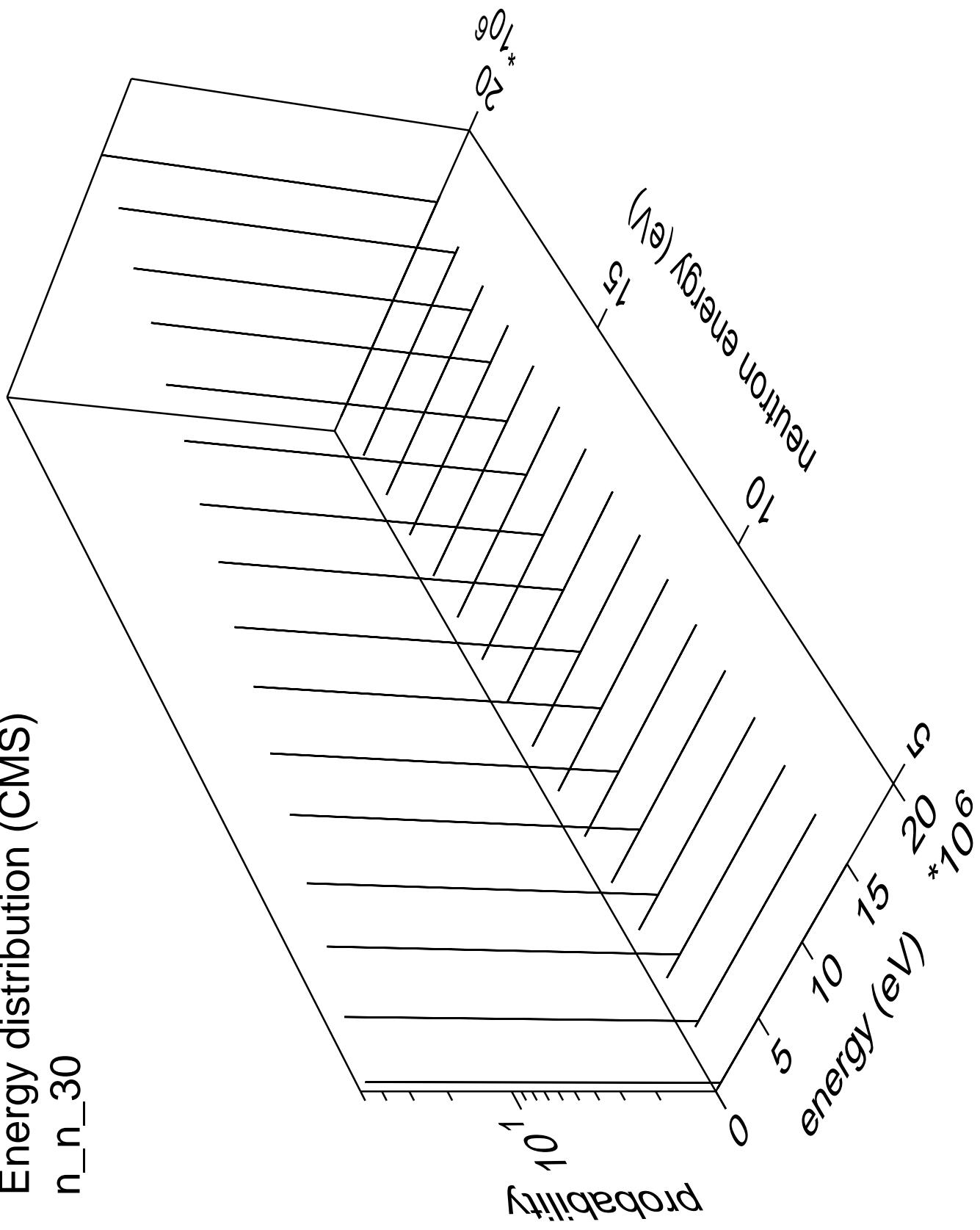
Energy distribution (CMS)  
n\_n\_29 part.=neutron



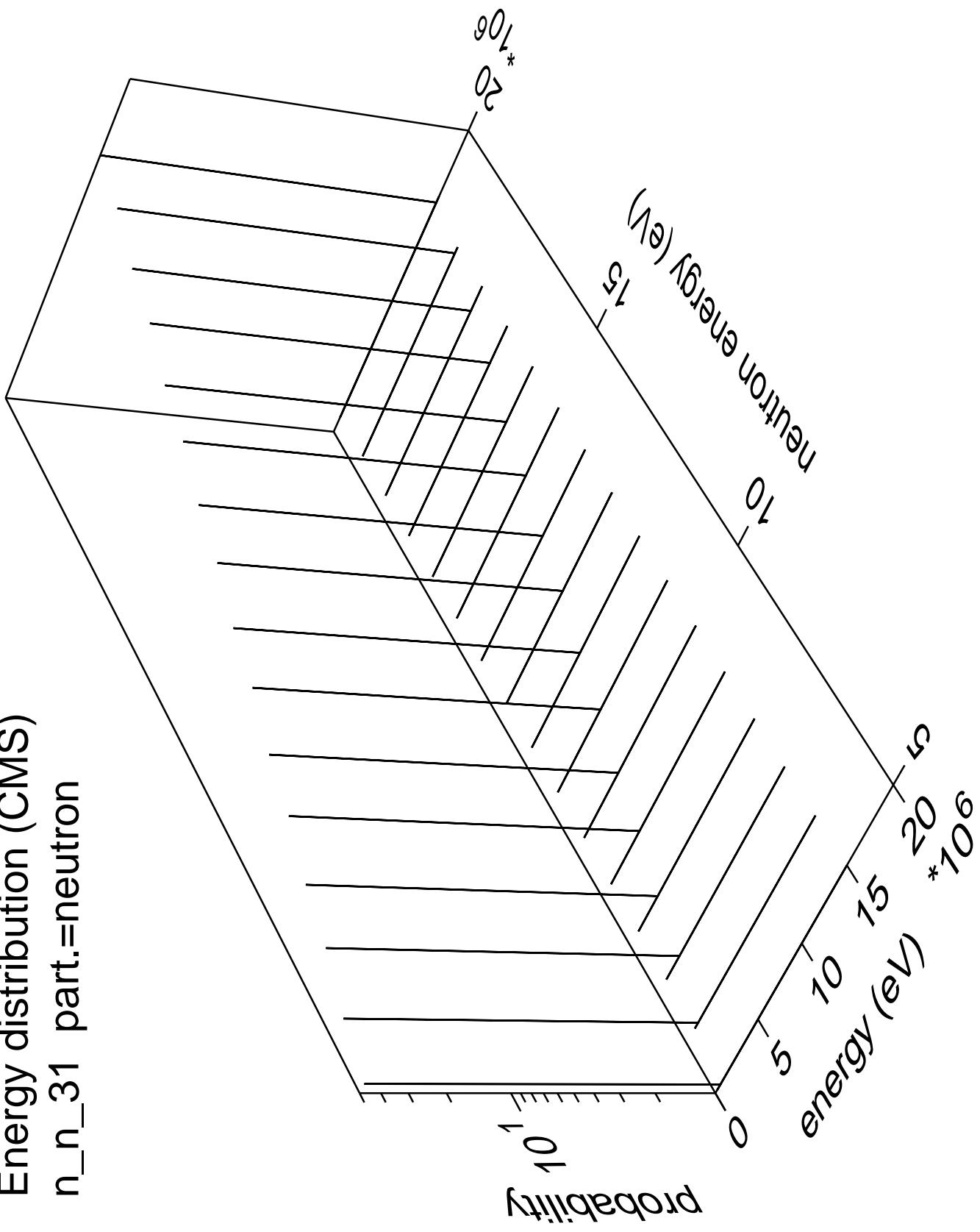
Energy distribution (CMS)  
n\_n\_29 part.=gamma



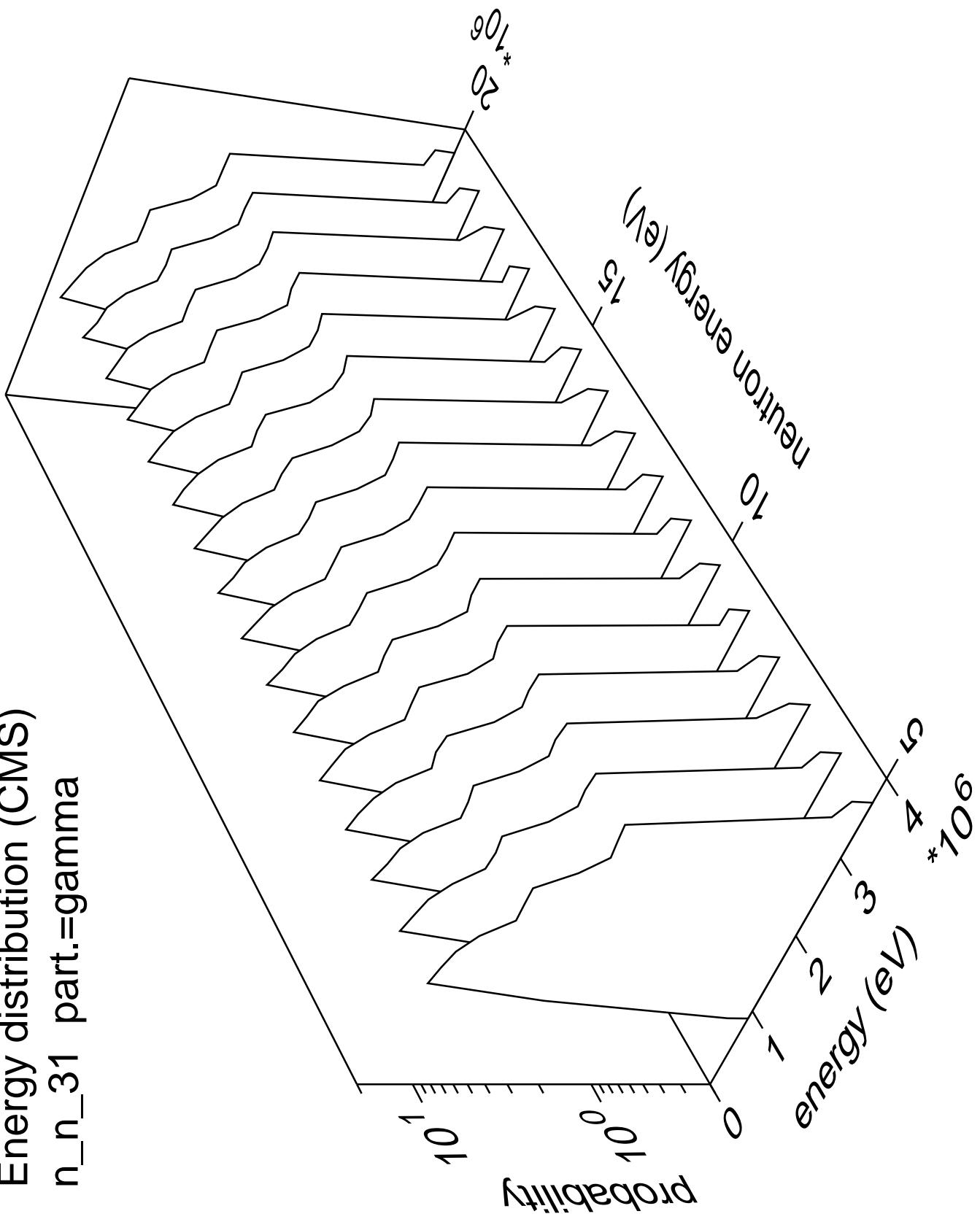
Energy distribution (CMS)  
 $n_{n\_30}$

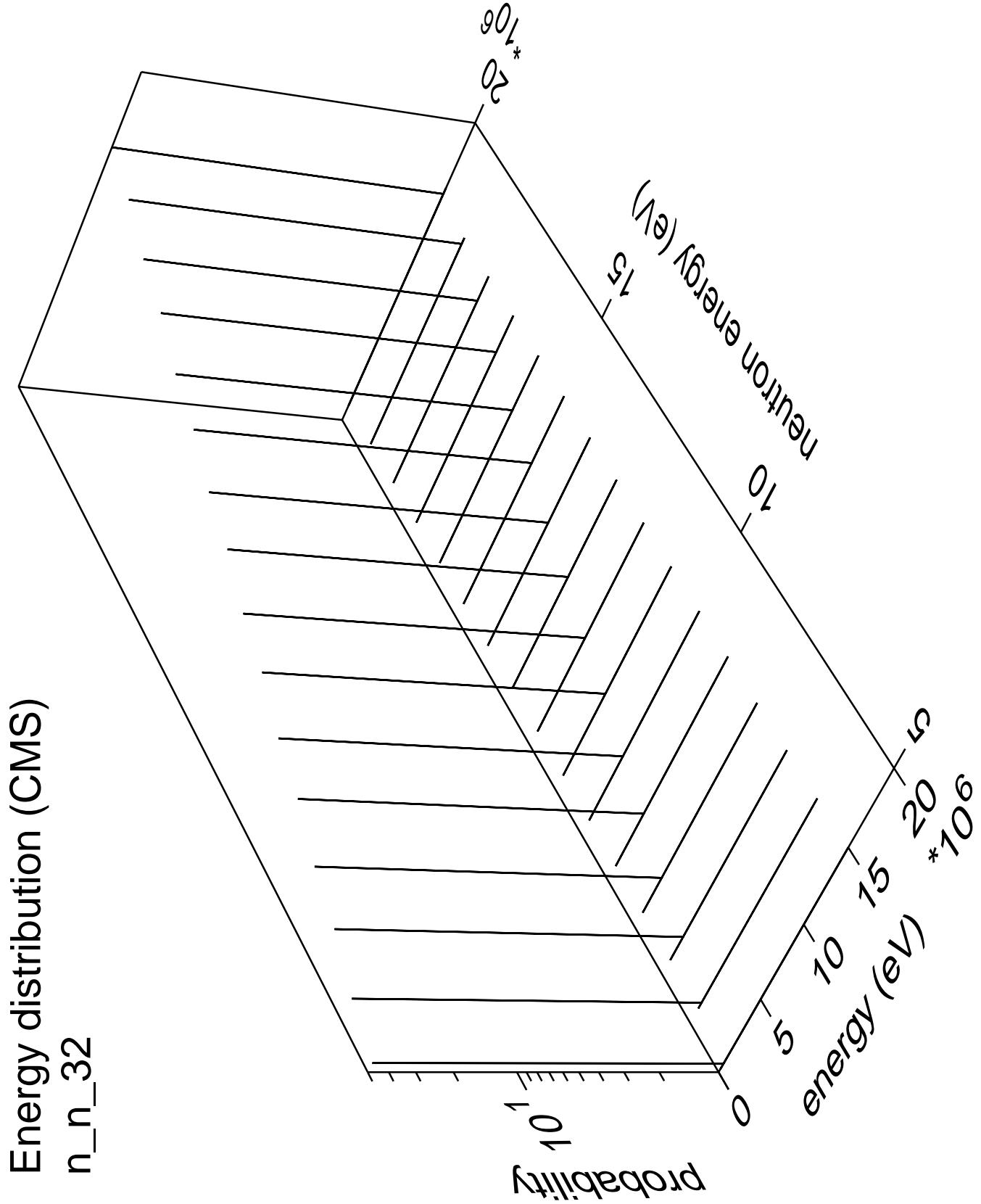


Energy distribution (CMS)  
 $n_{n\_31}$  part.=neutron

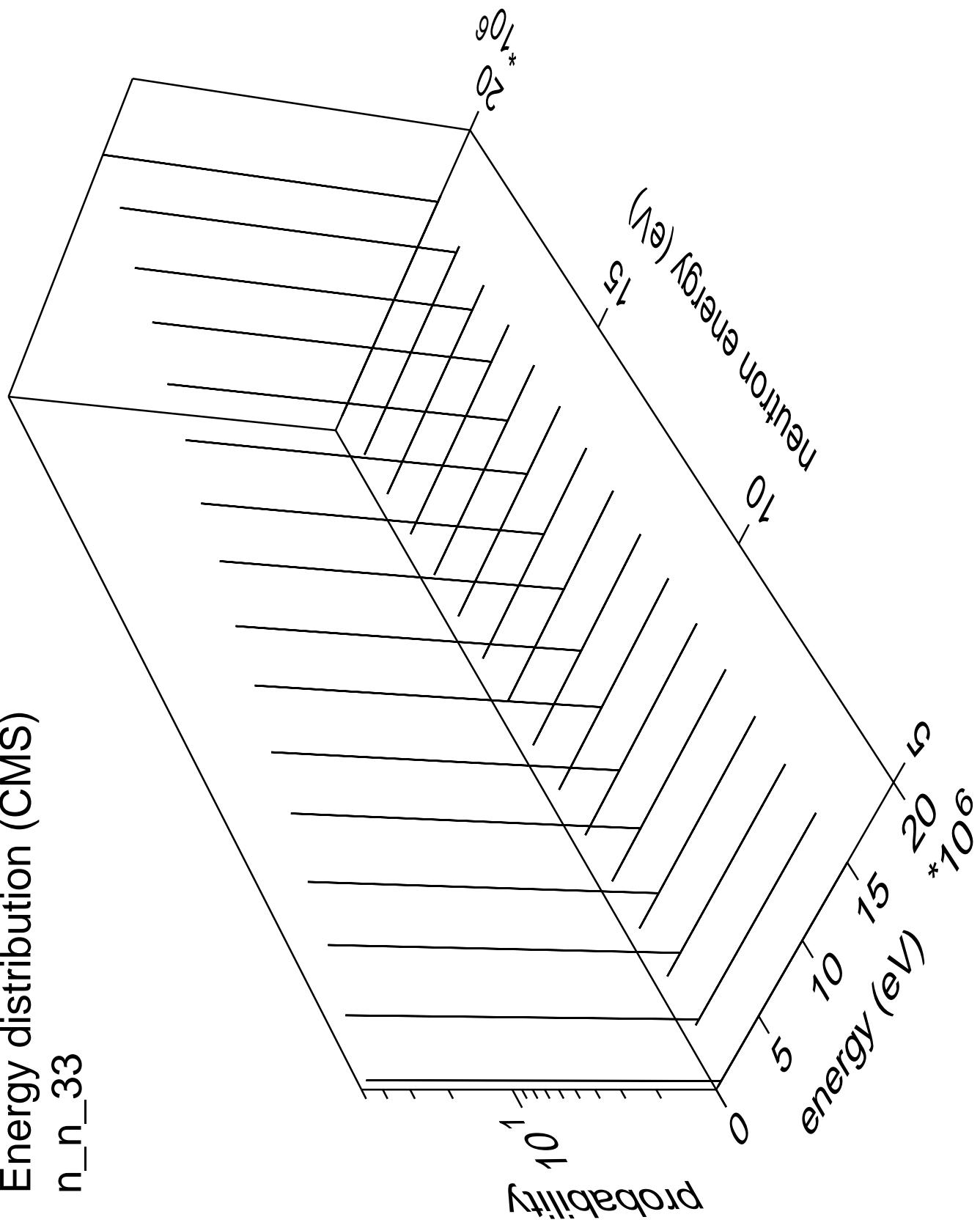


Energy distribution (CMS)  
 $n_{n\_31}$  part.=gamma

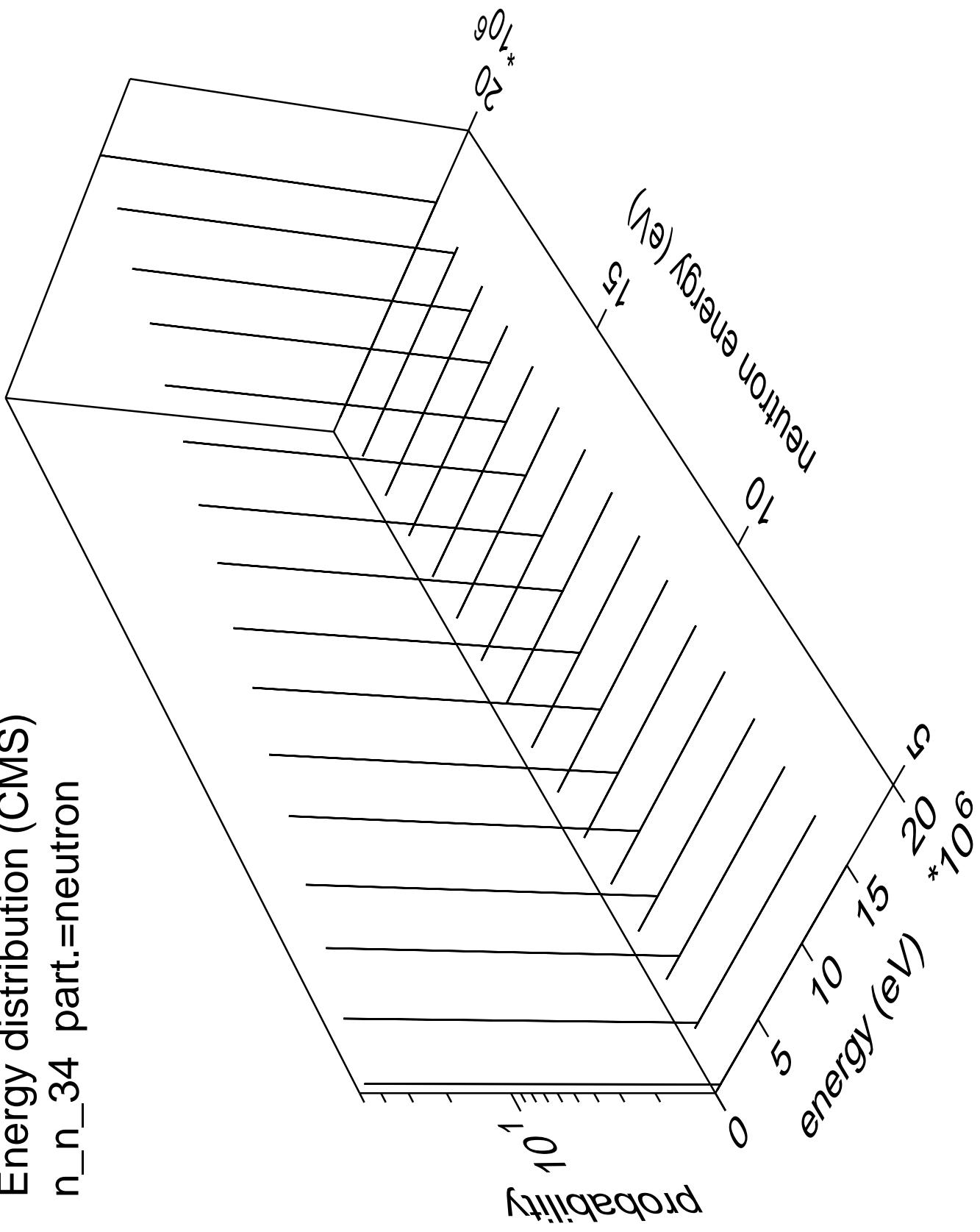




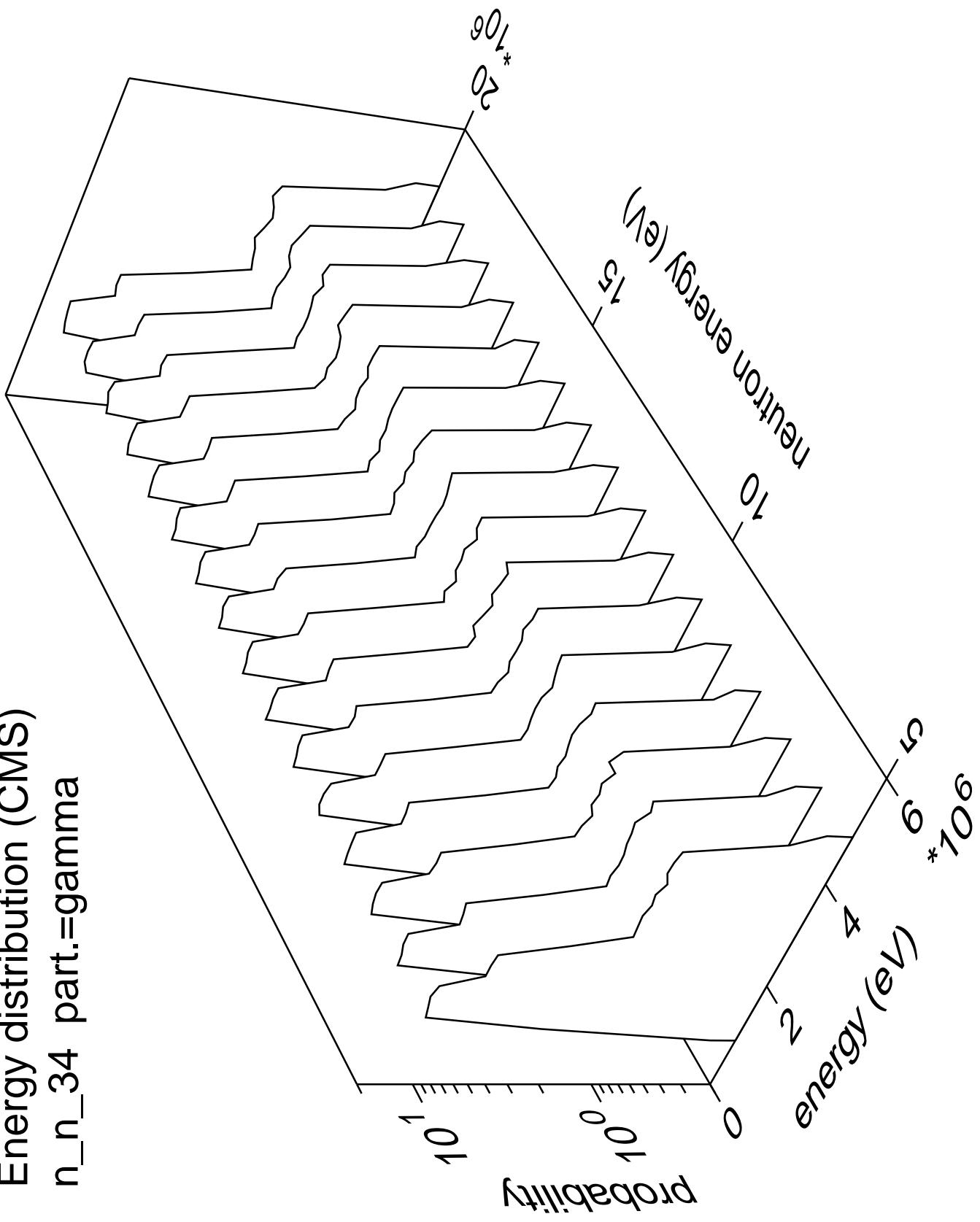
# Energy distribution (CMS) $n_n_{33}$



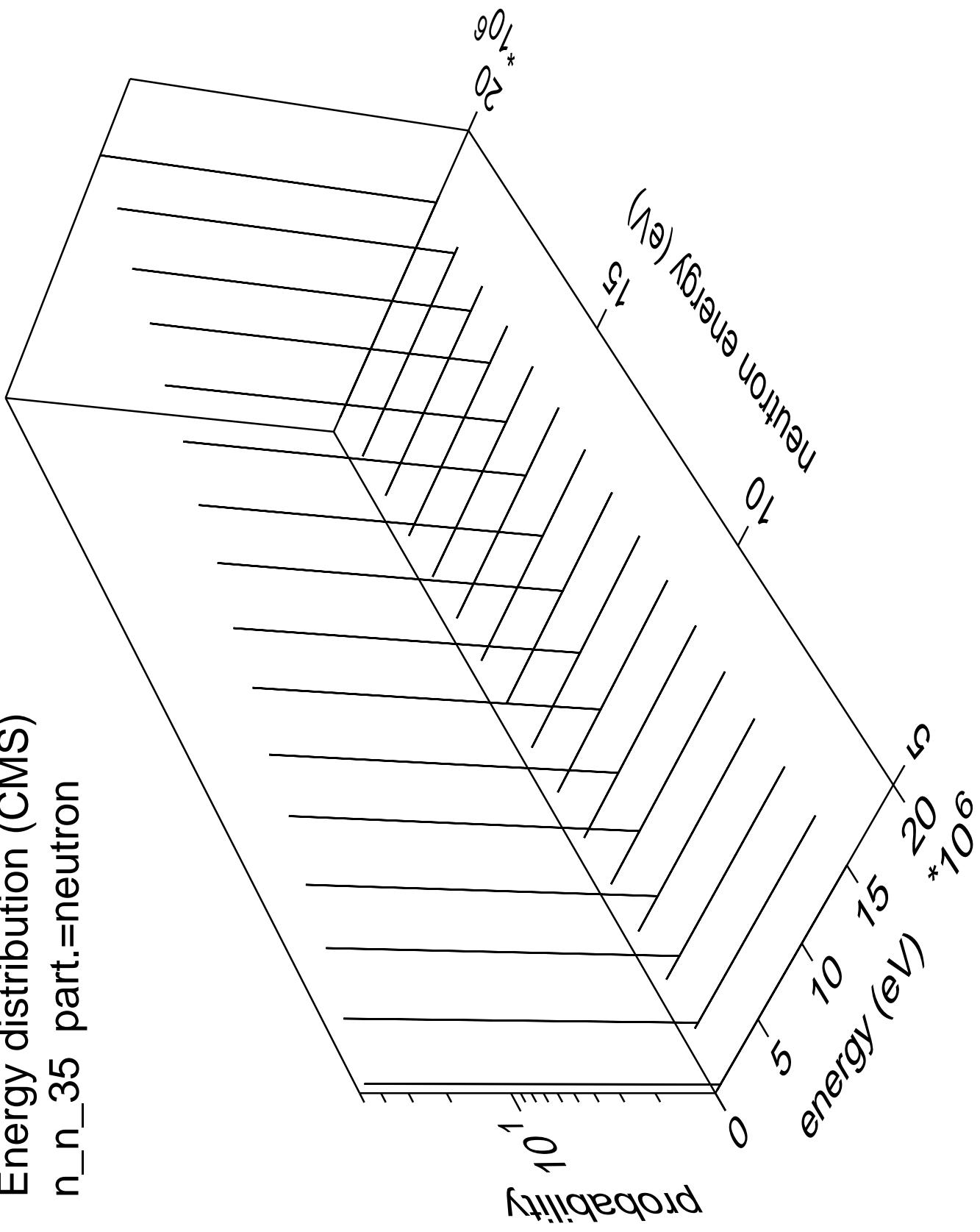
Energy distribution (CMS)  
n\_n\_34 part.=neutron



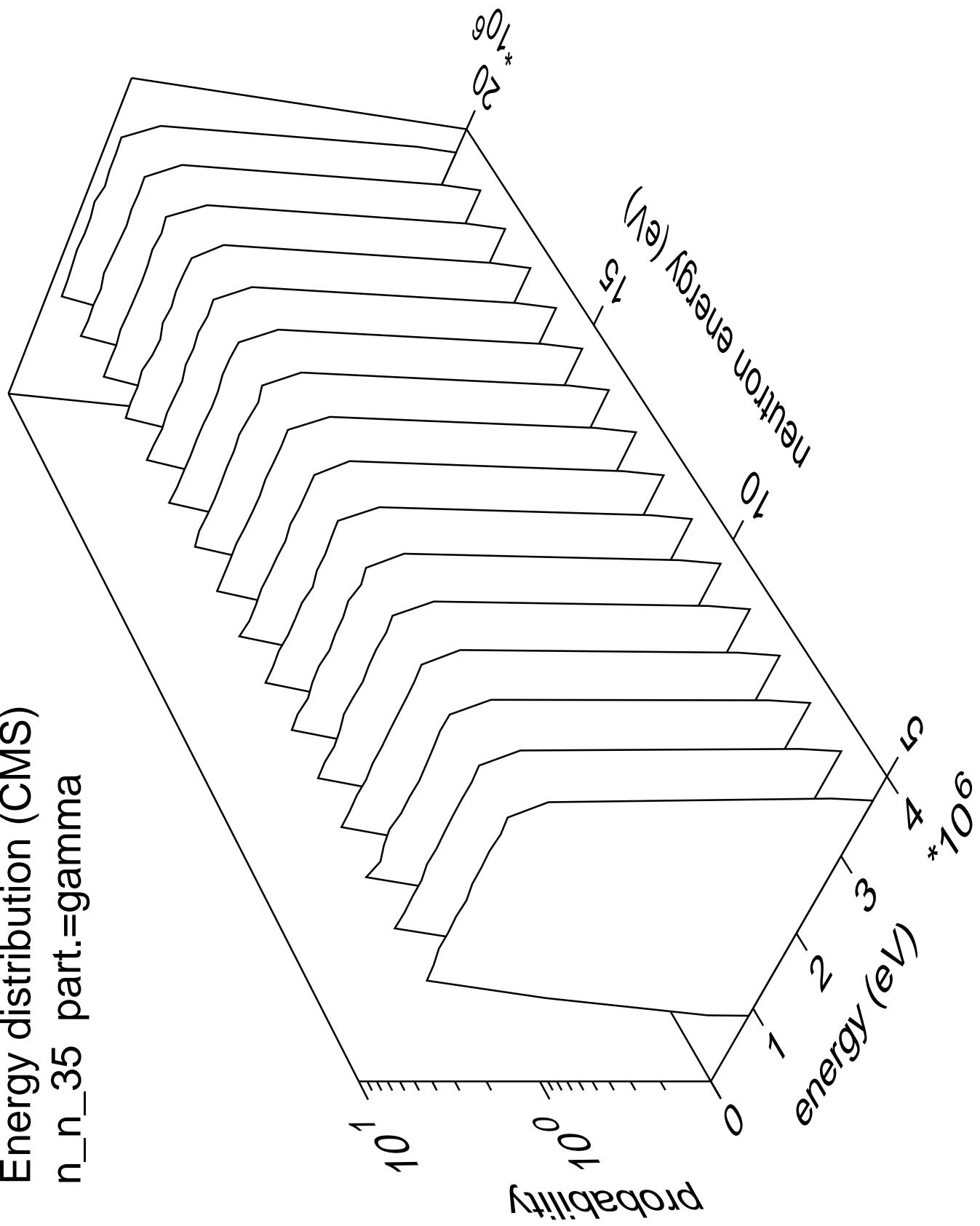
Energy distribution (CMS)  
n\_n\_34 part.=gamma



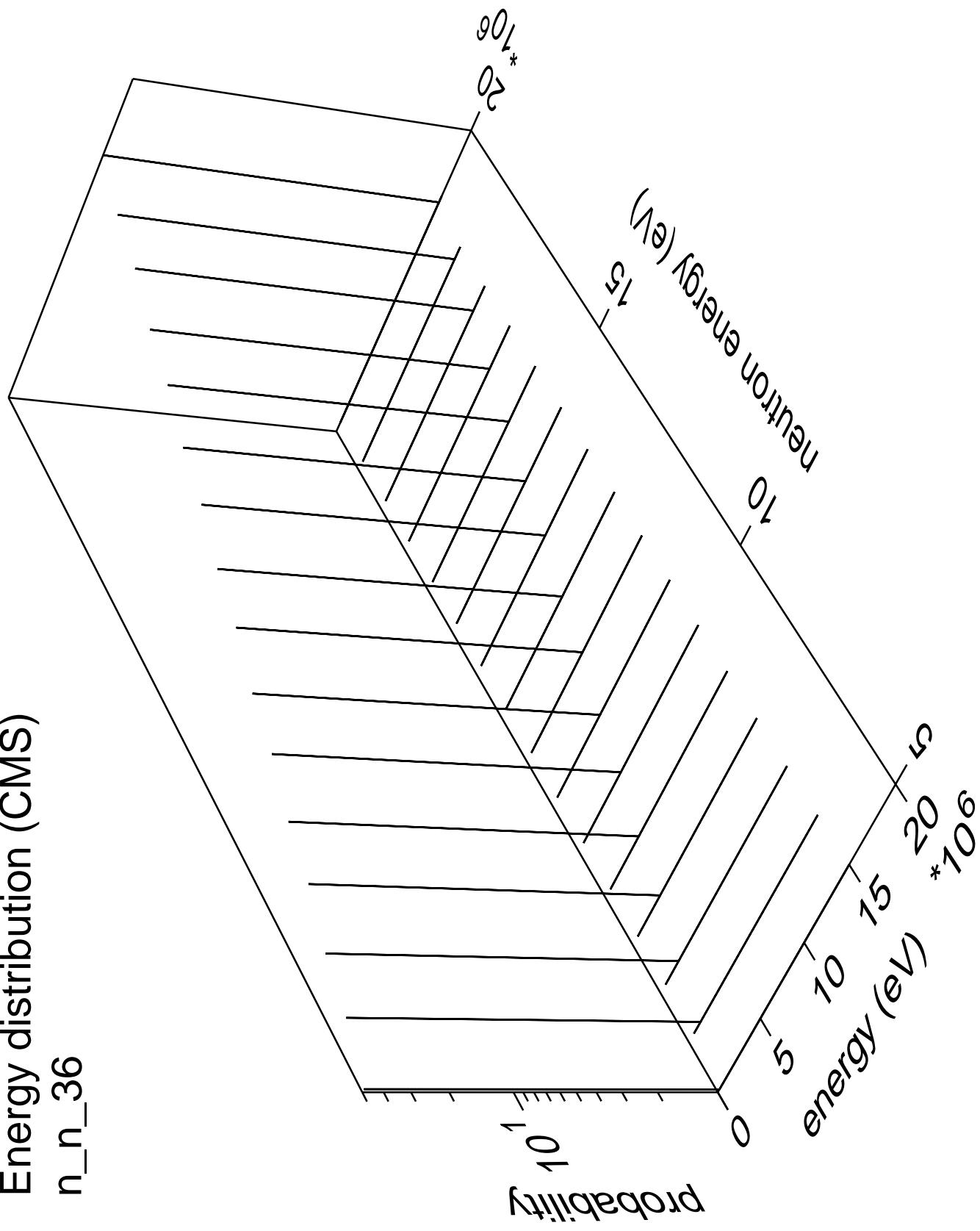
Energy distribution (CMS)  
 $n_n_{35}$  part.=neutron



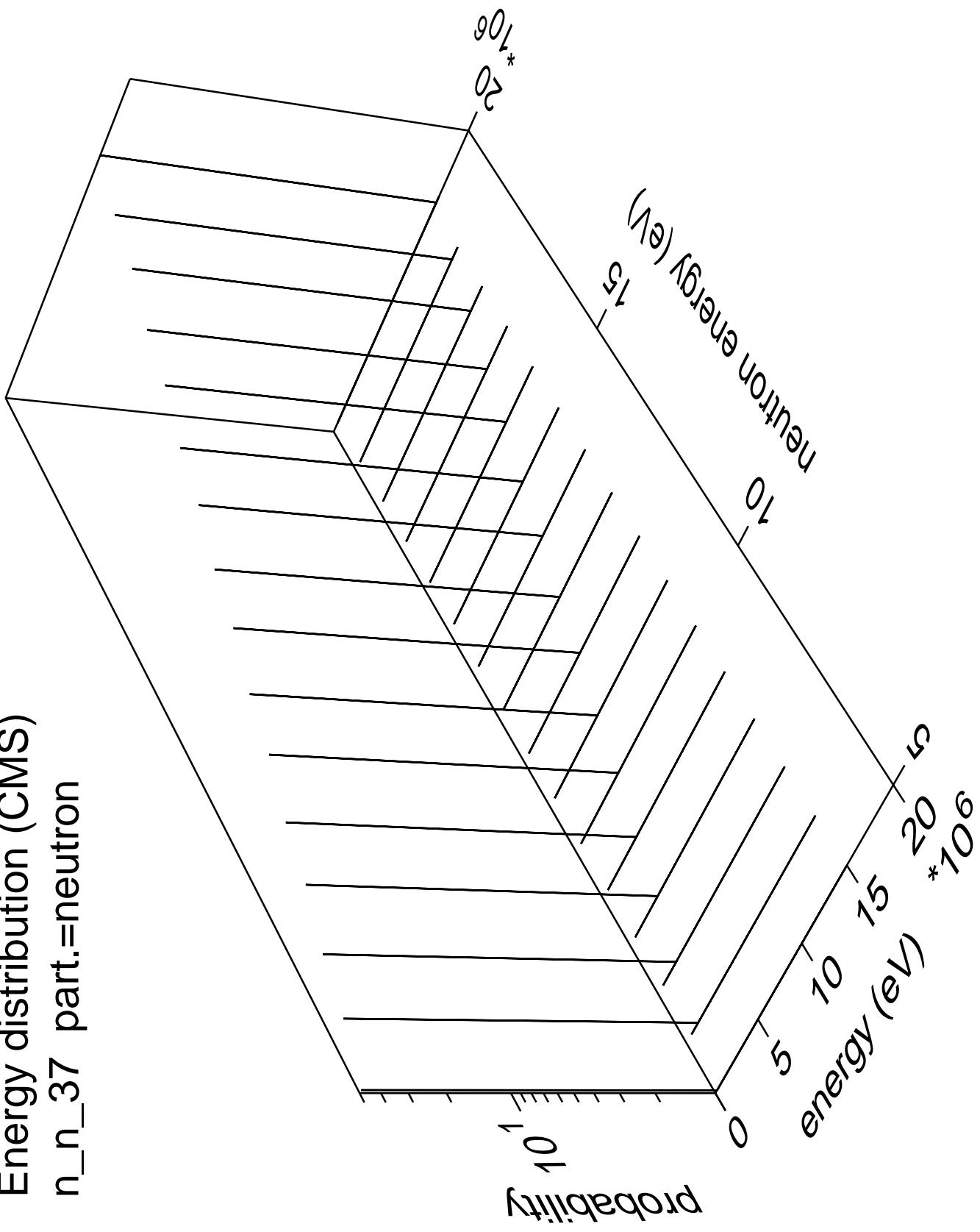
Energy distribution (CMS)  
 $n_n_{35}$  part.=gamma



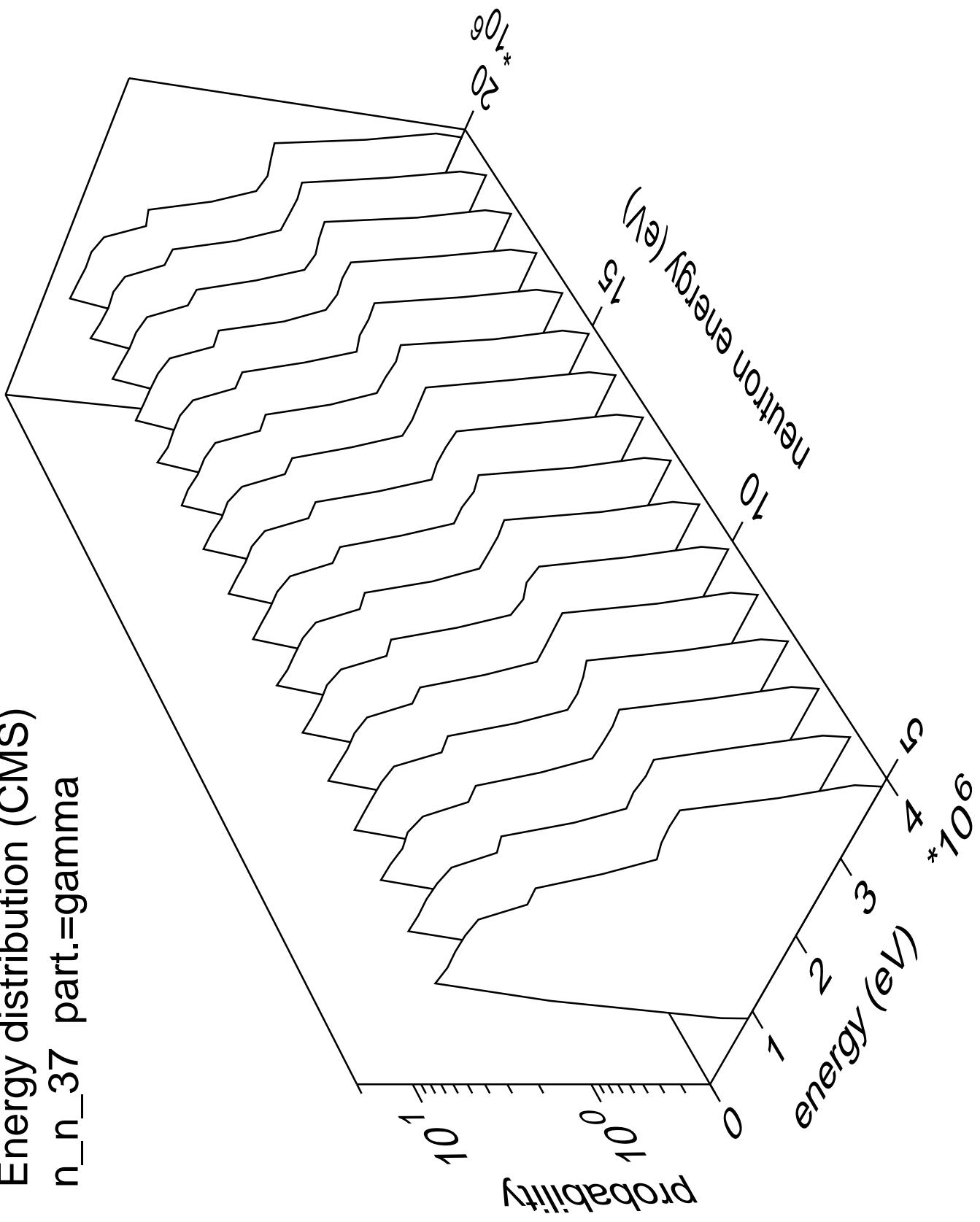
# Energy distribution (CMS) n\_n\_36



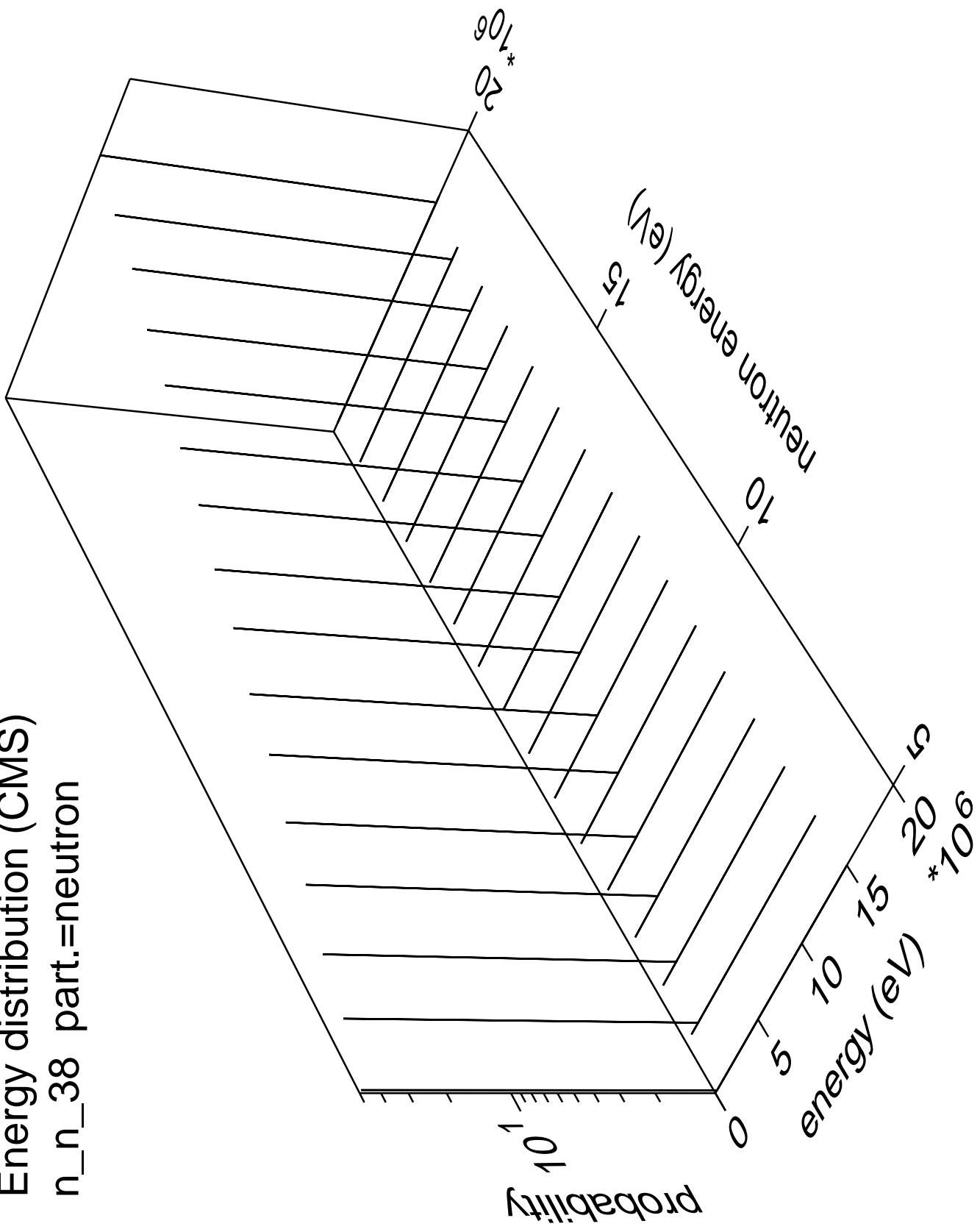
Energy distribution (CMS)  
 $n_{n\text{-}37}$  part.=neutron



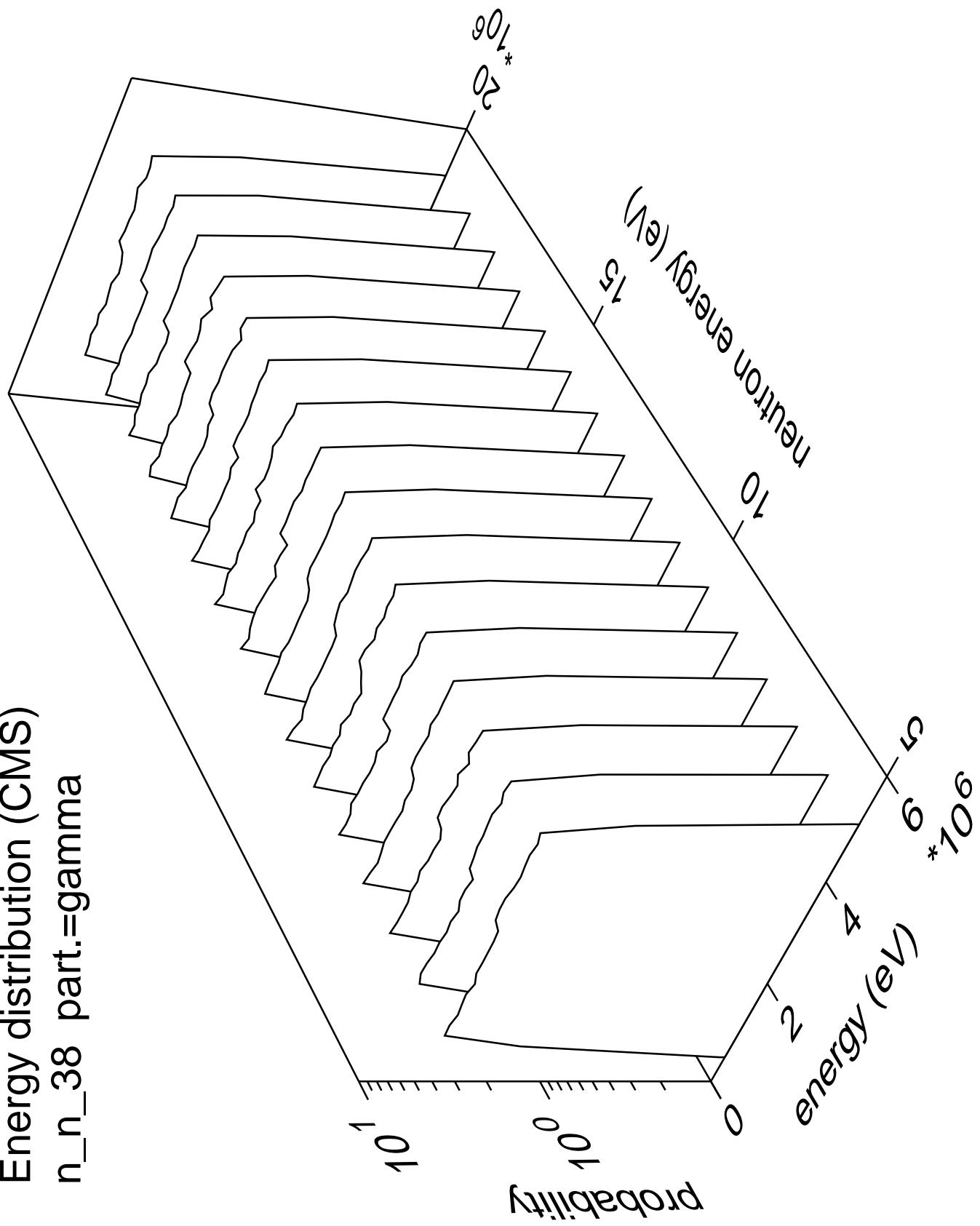
Energy distribution (CMS)  
n\_n\_37 part.=gamma



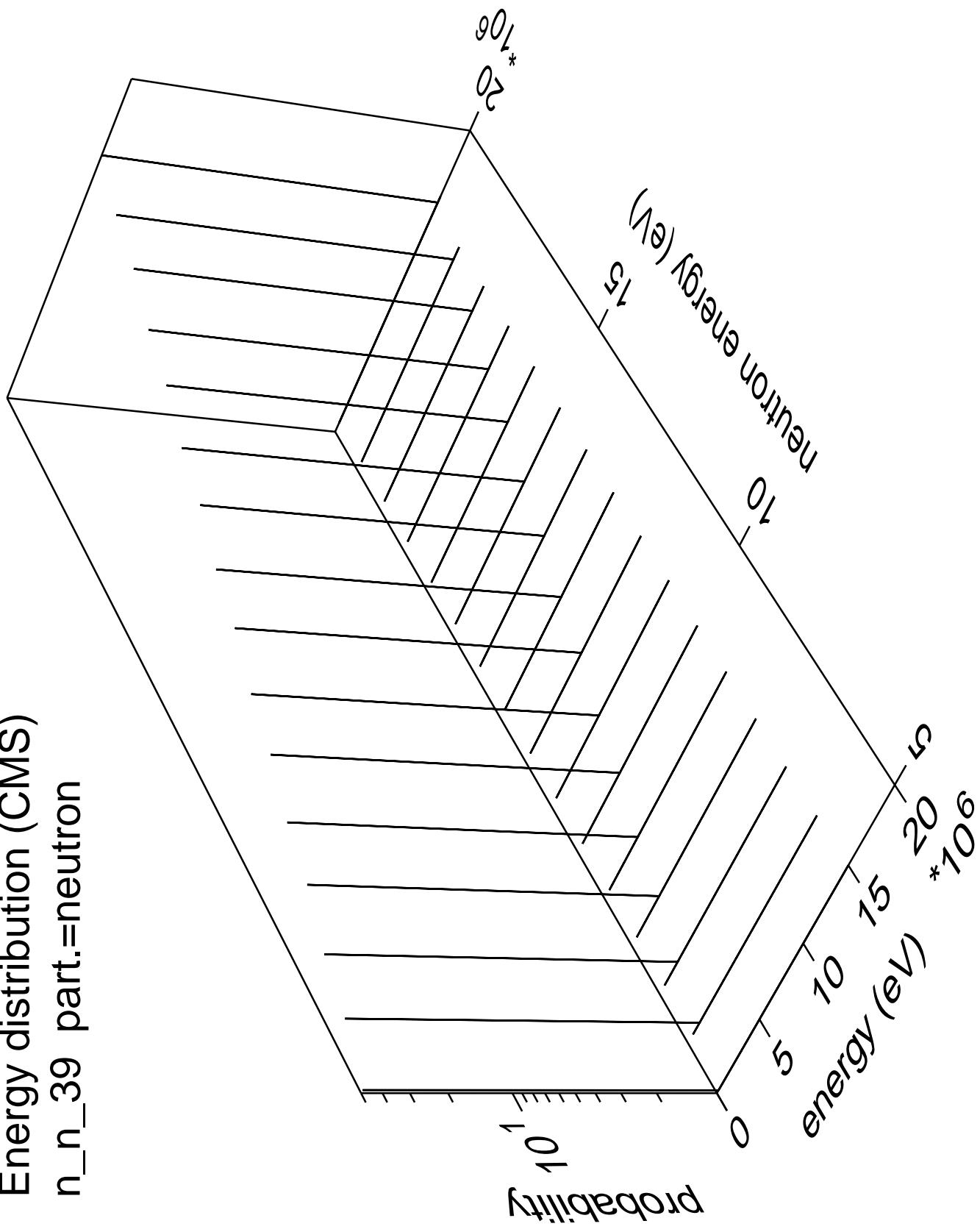
Energy distribution (CMS)  
 $n_n_{38}$  part.=neutron



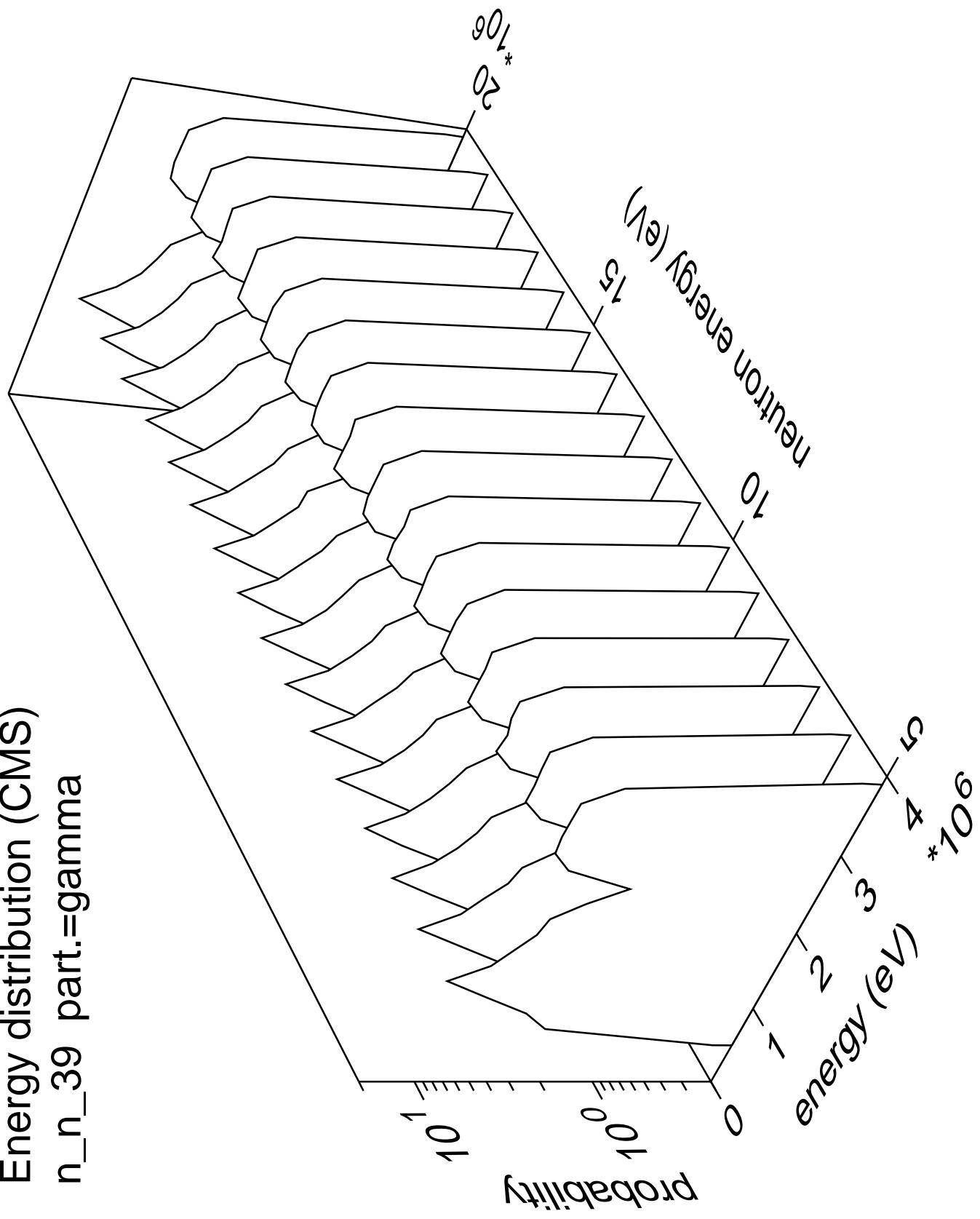
Energy distribution (CMS)  
n\_n\_38 part.=gamma



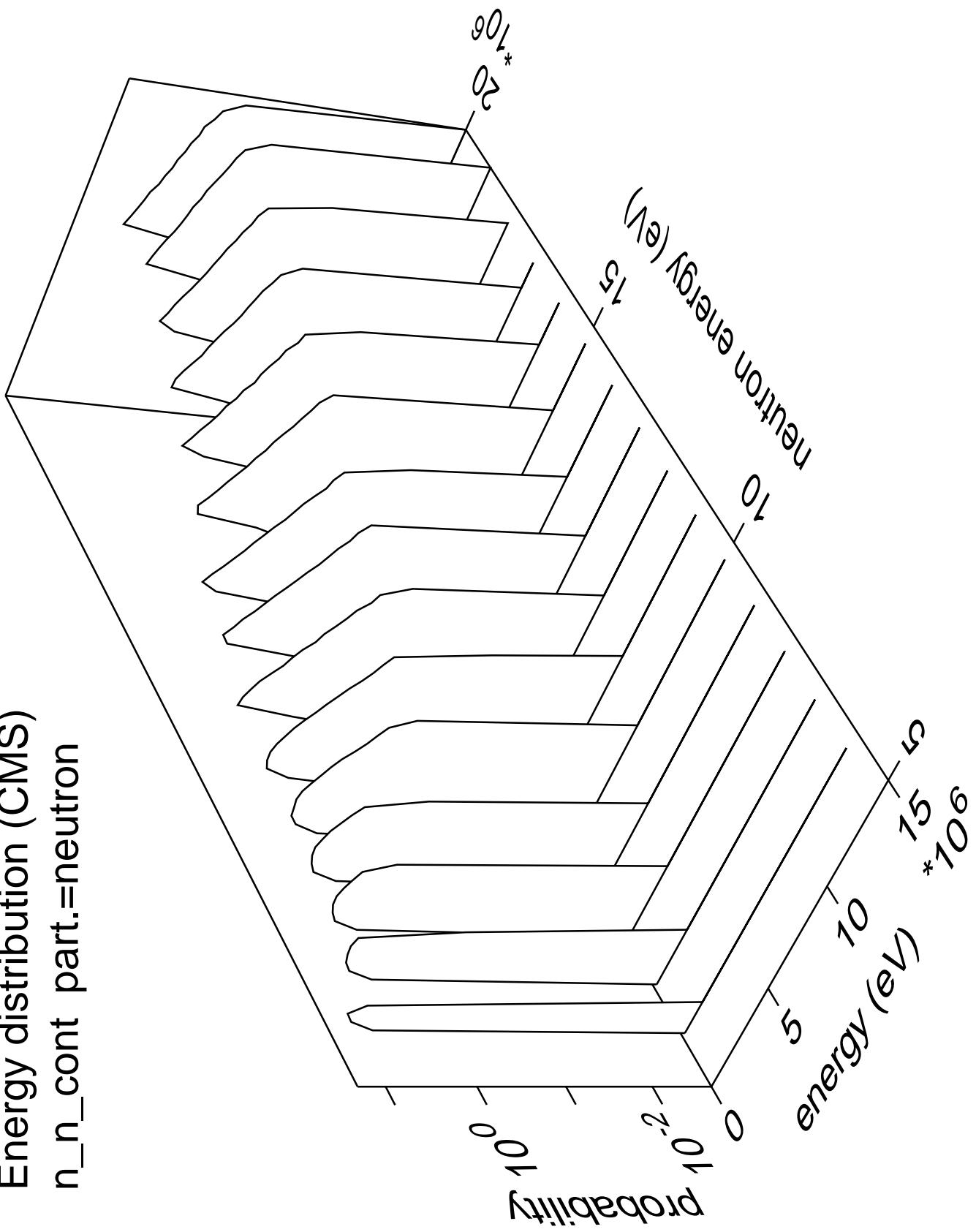
Energy distribution (CMS)  
 $n_n_{39}$  part.=neutron



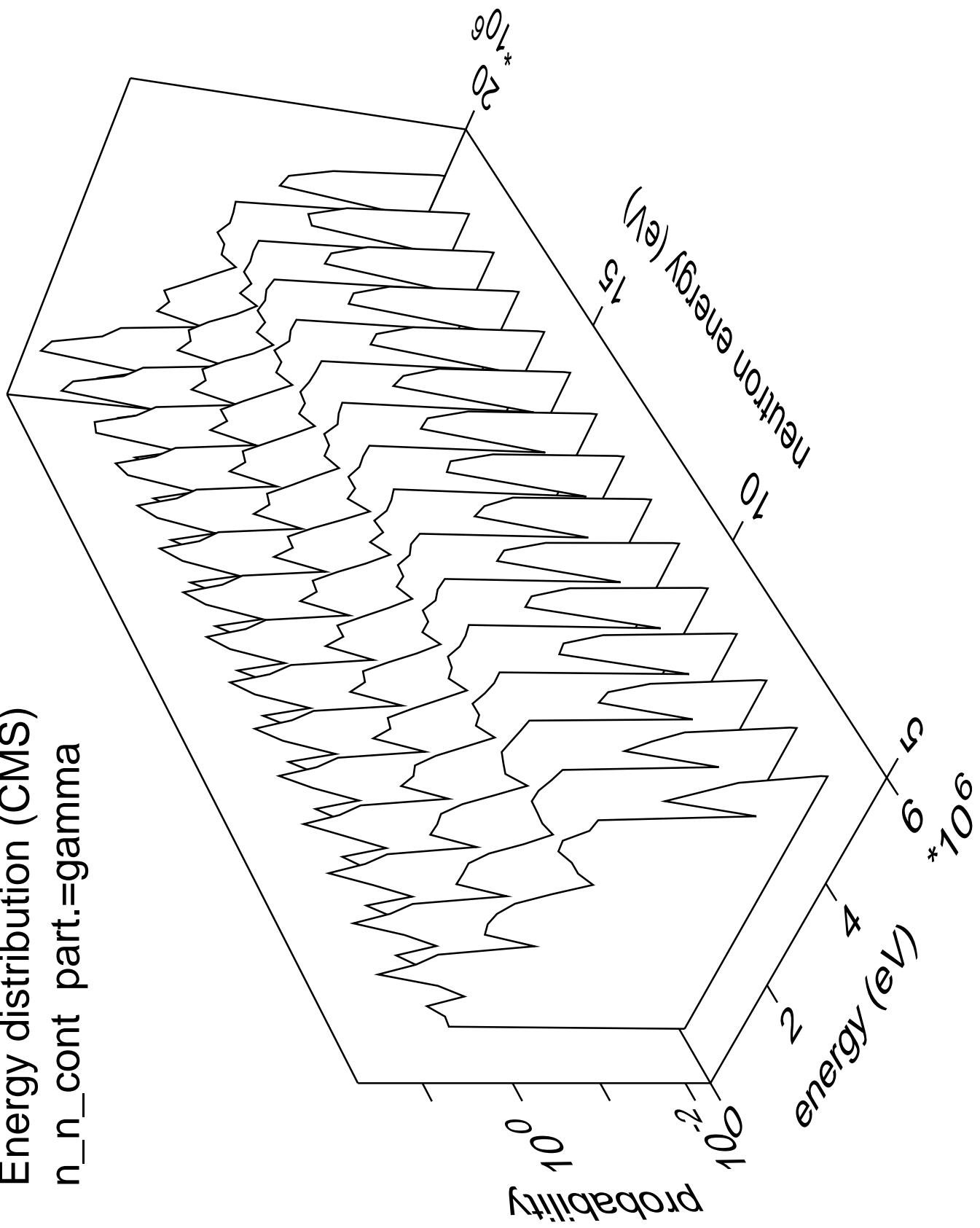
Energy distribution (CMS)  
n\_n\_39 part.=gamma

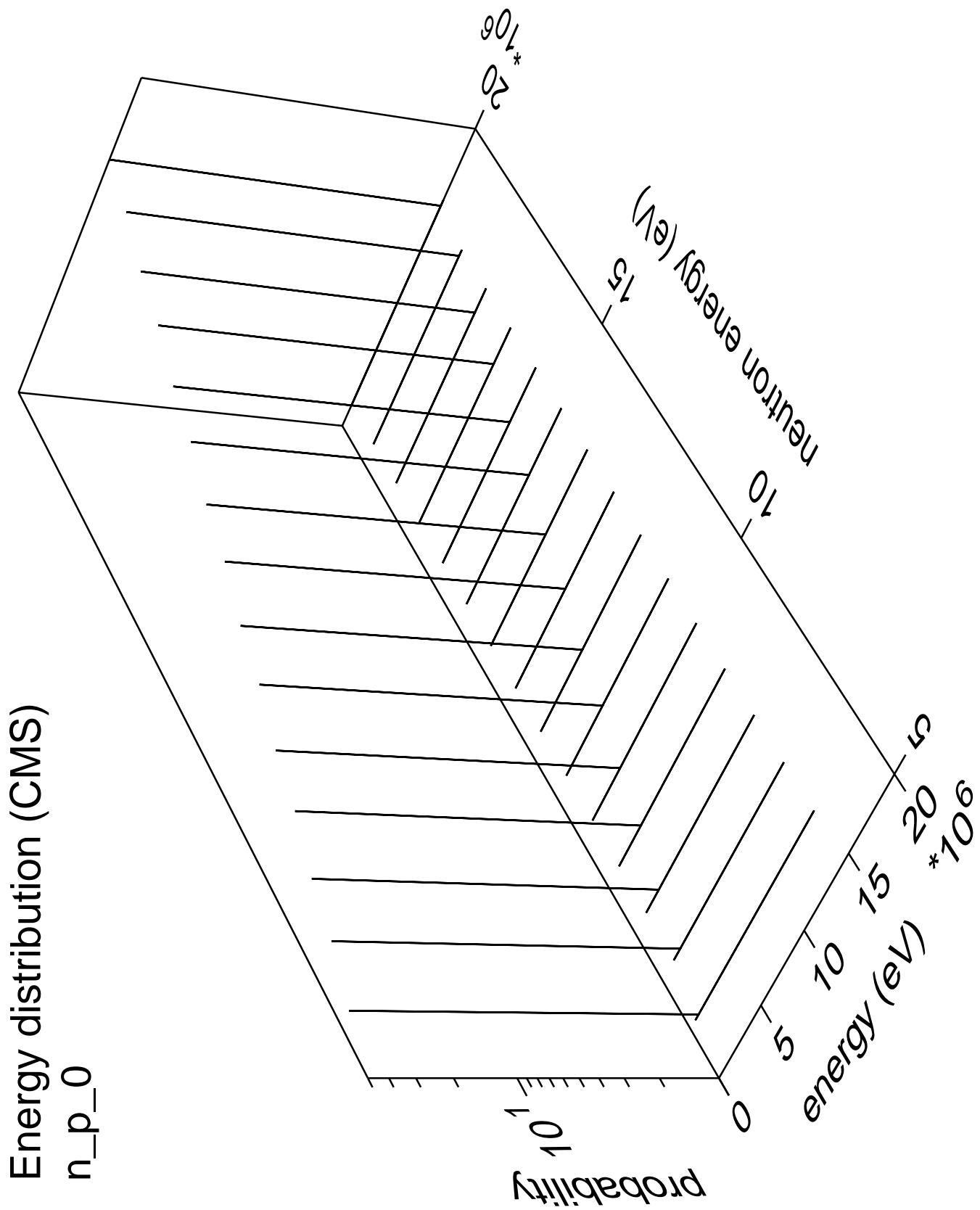


Energy distribution (CMS)  
n\_n\_cont part.=neutron

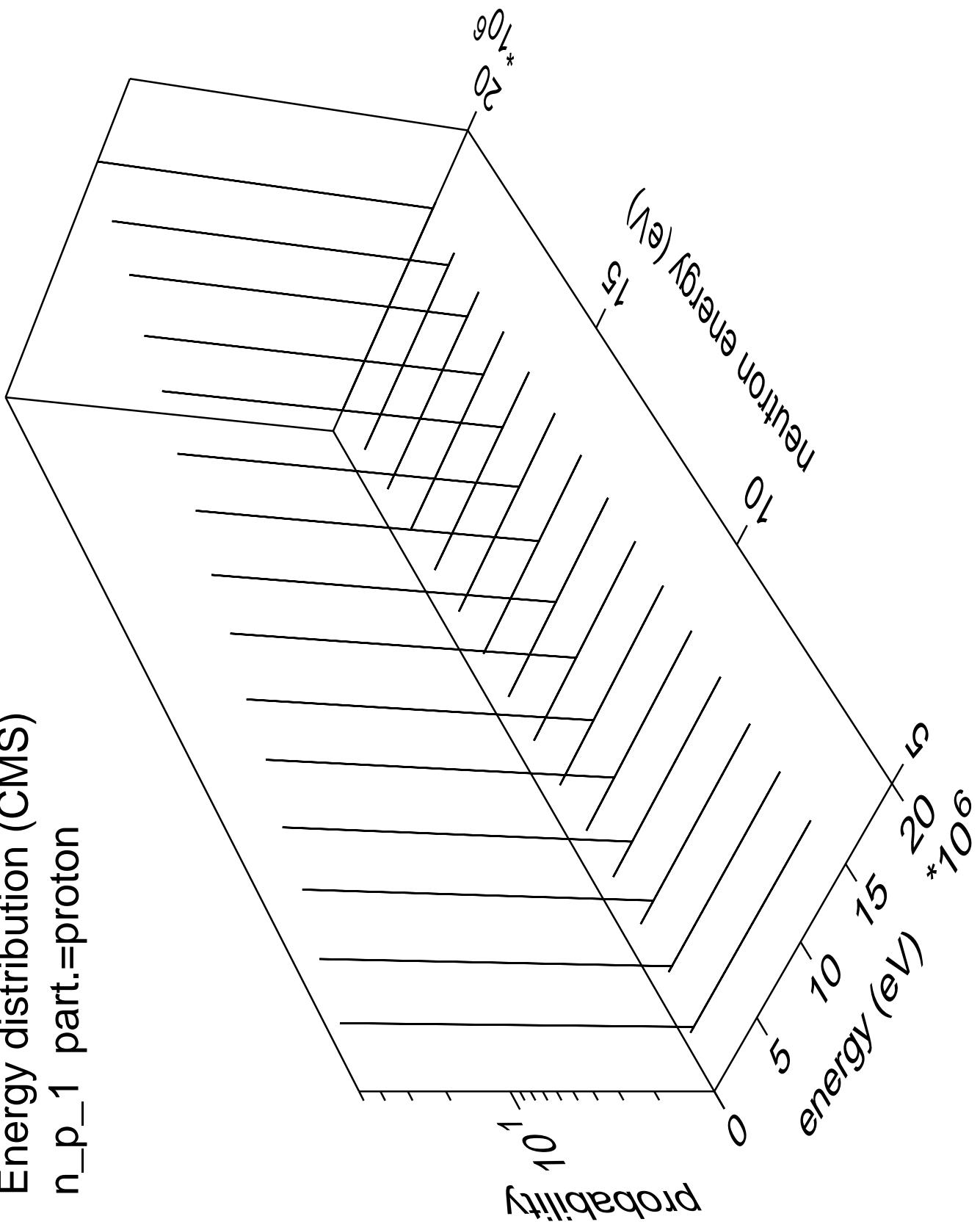


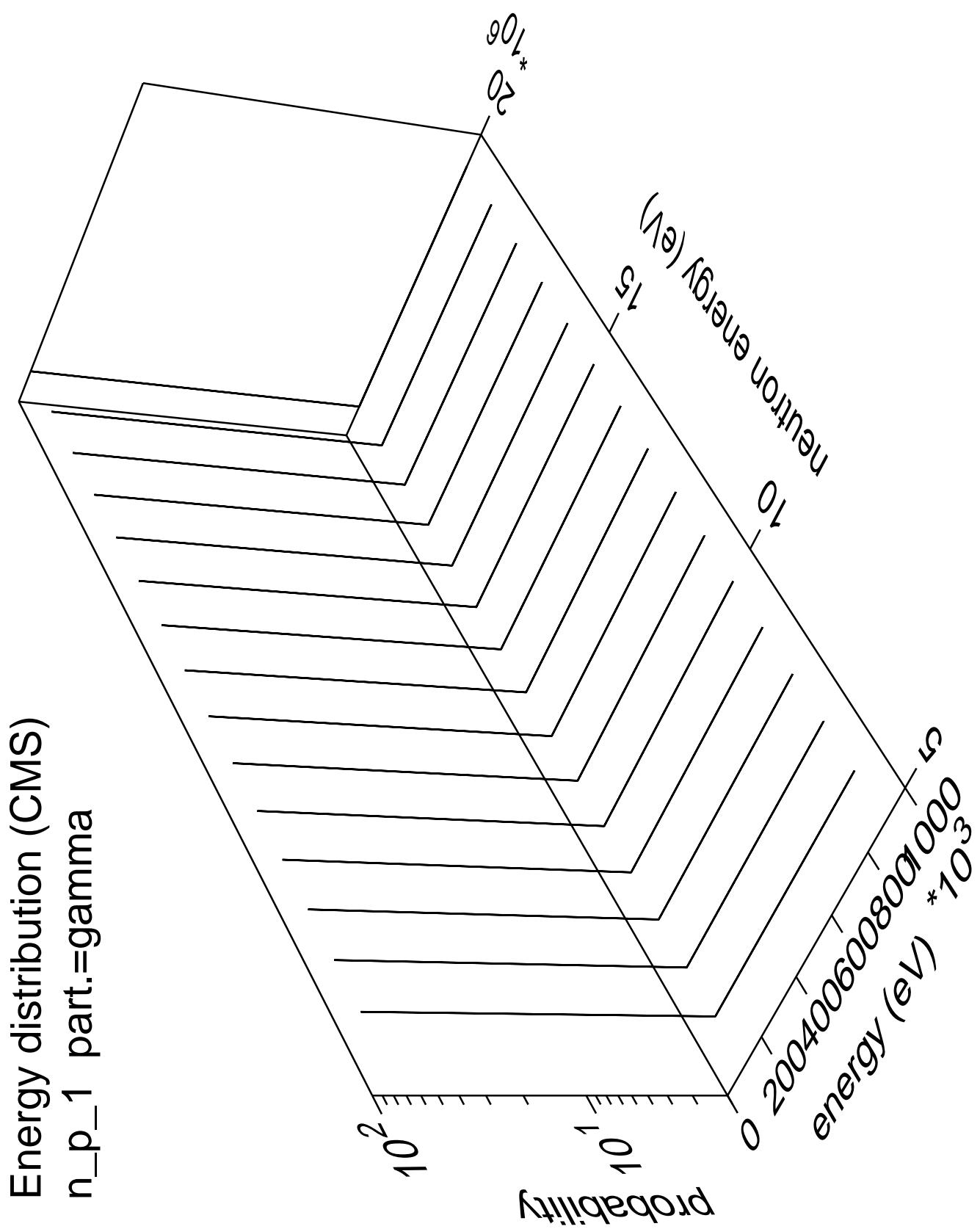
Energy distribution (CMS)  
n\_n\_cont part.=gamma



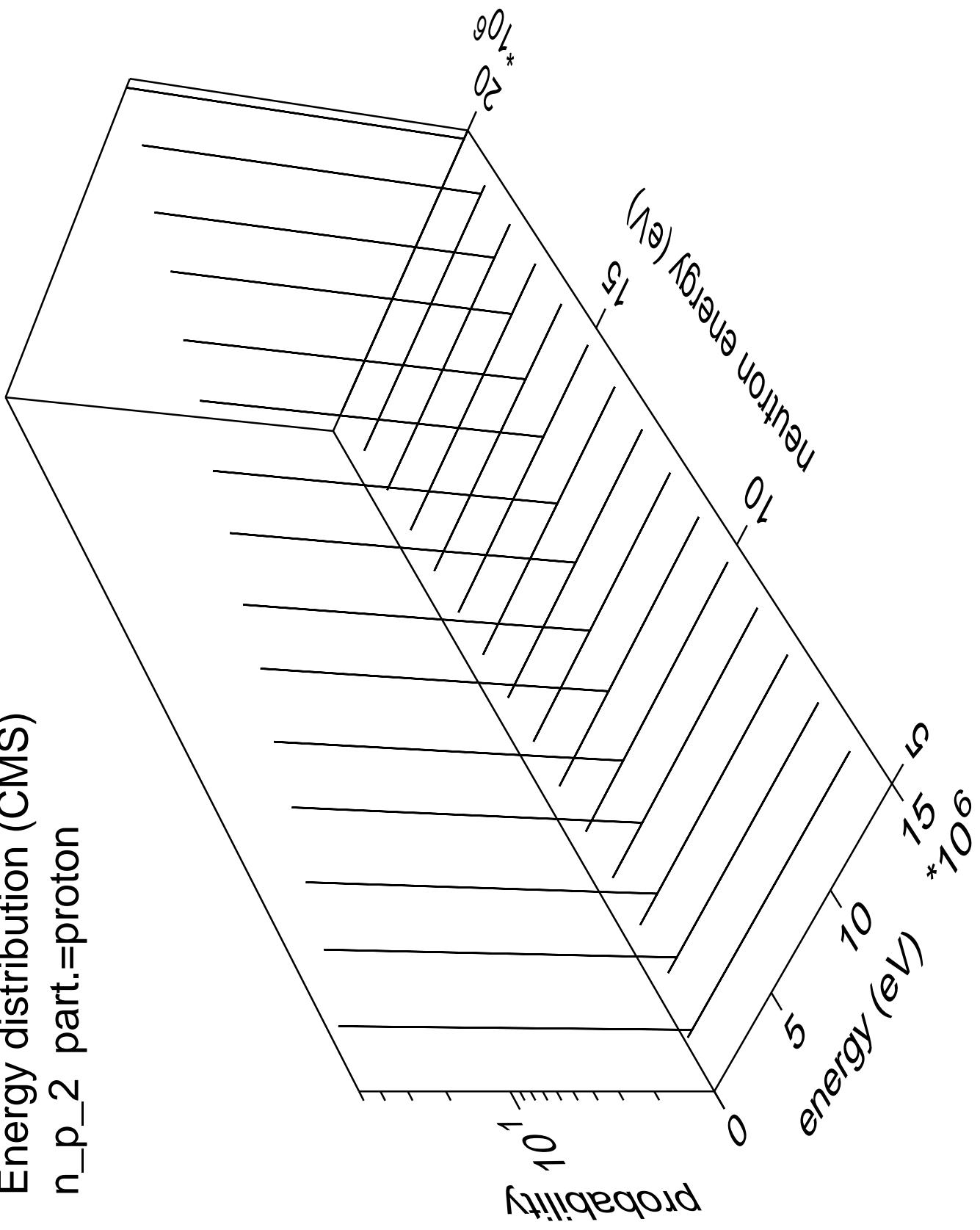


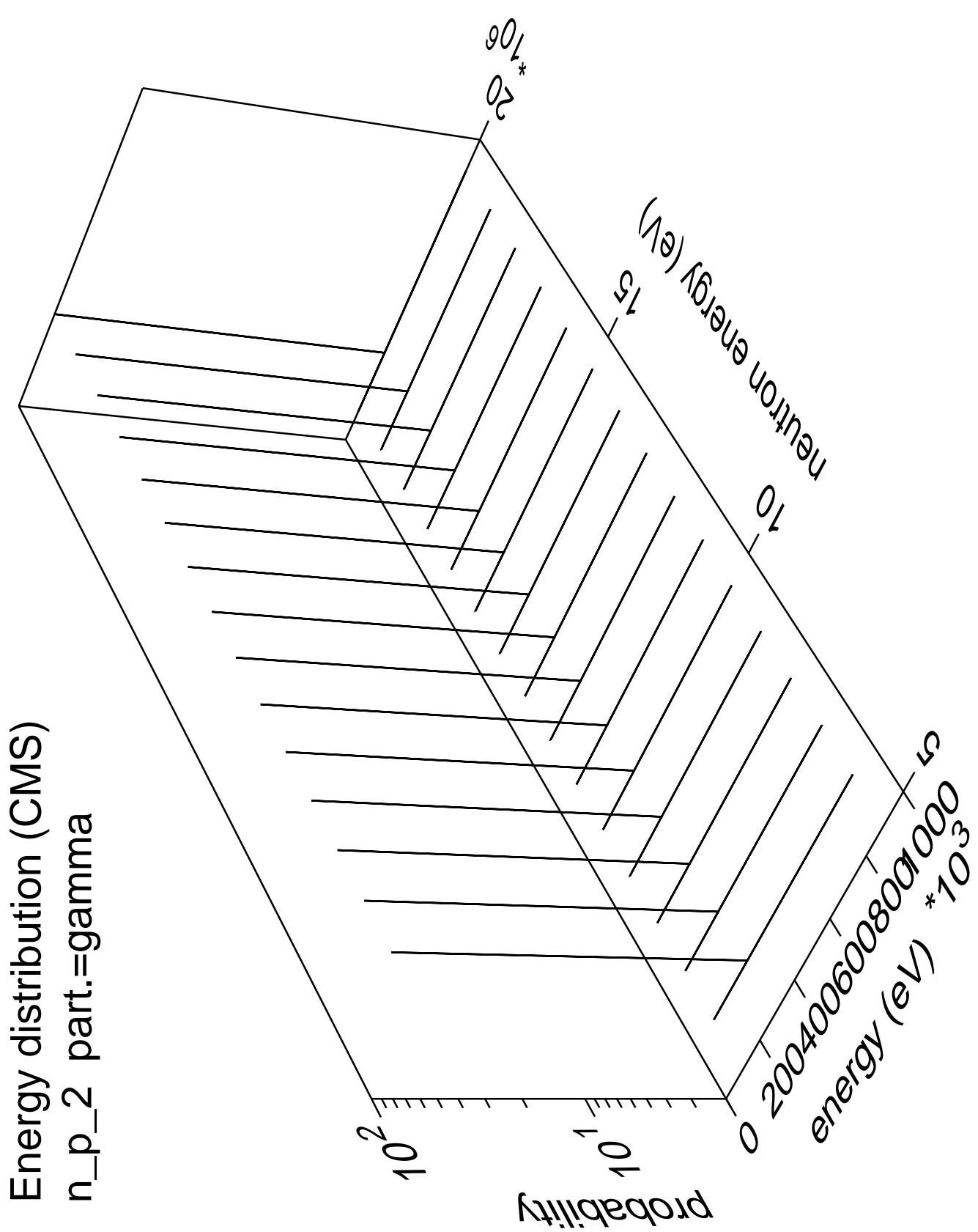
Energy distribution (CMS)  
 $n_{p_1}$  part.=proton



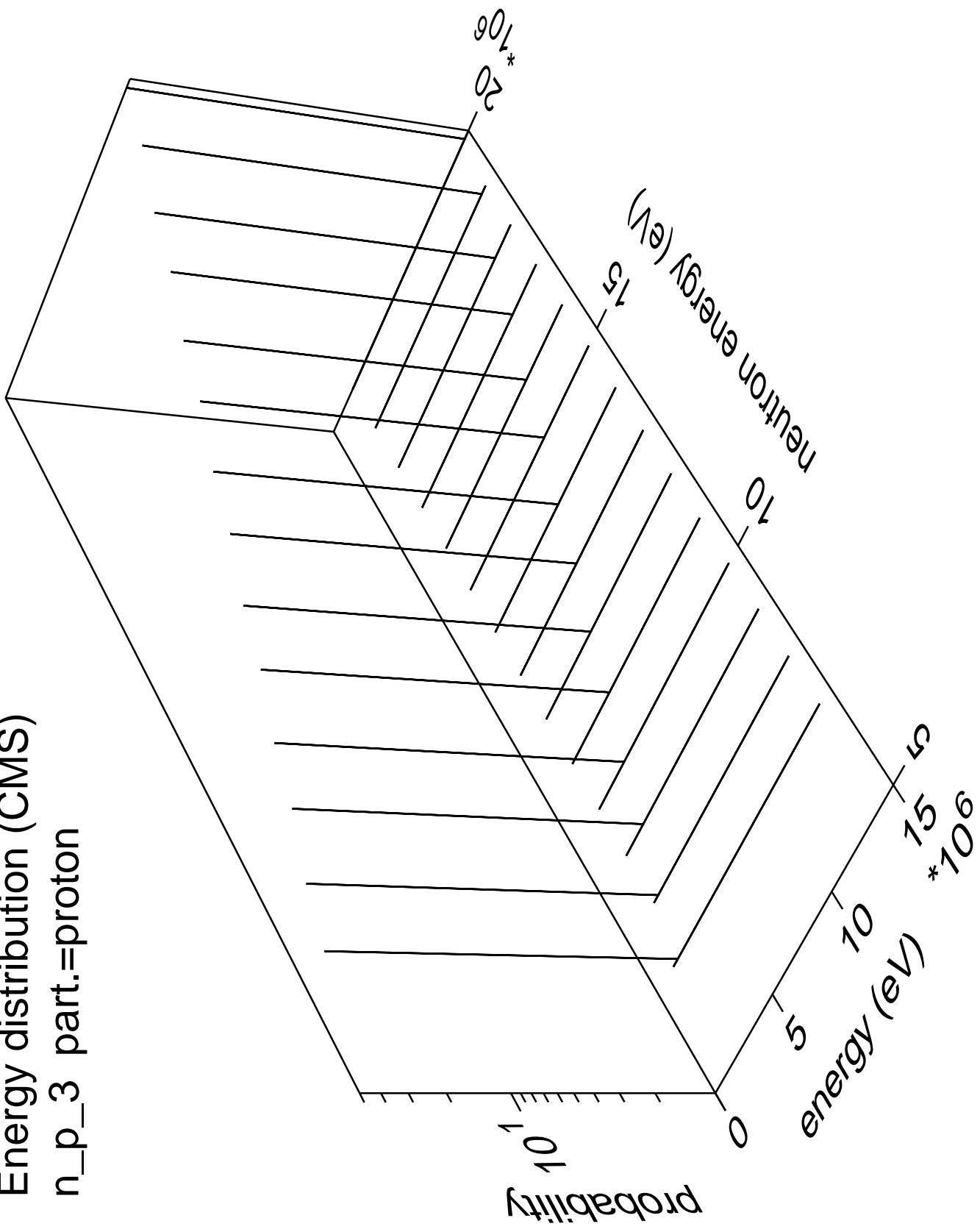


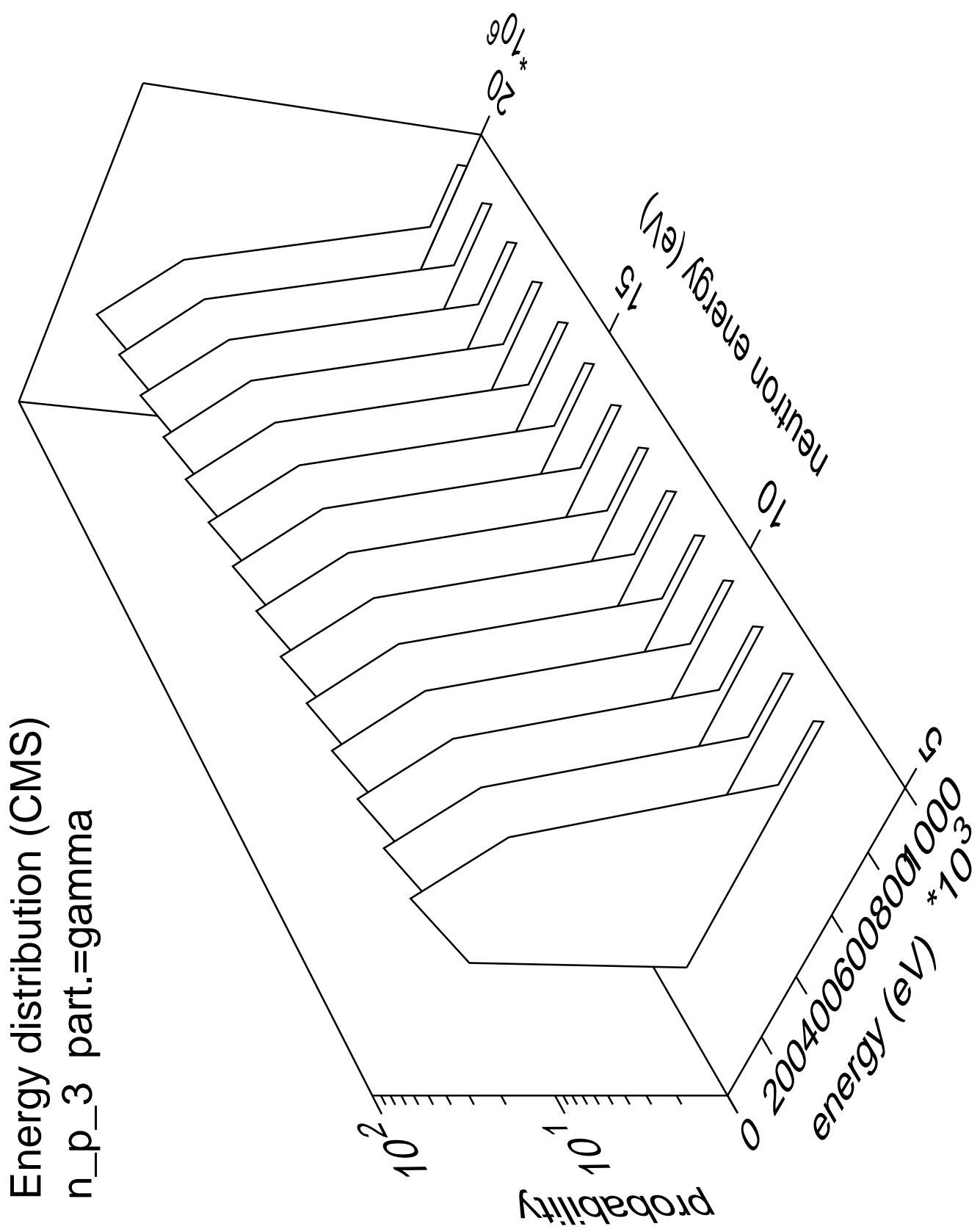
Energy distribution (CMS)  
 $n_{p\_2}$  part.=proton



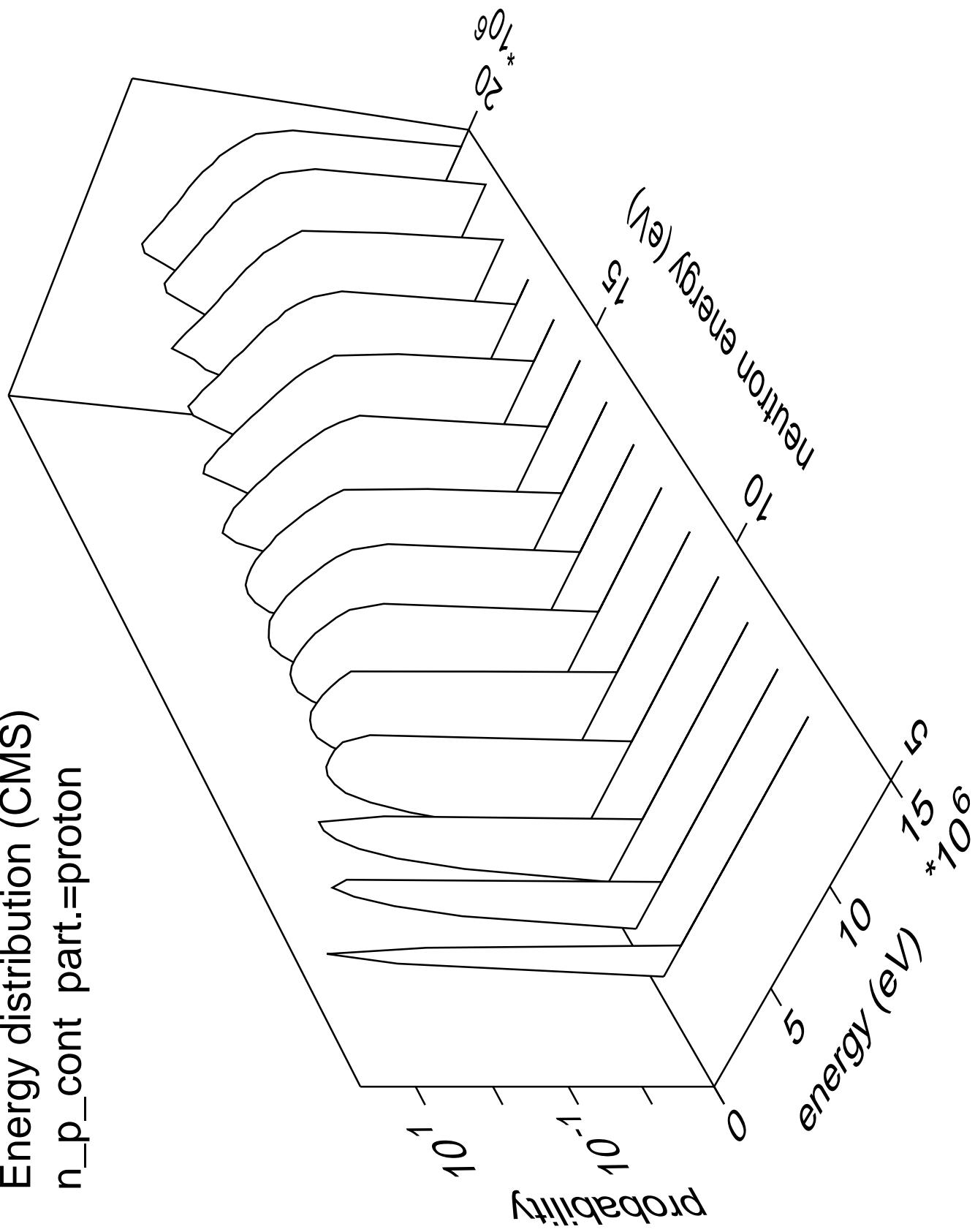


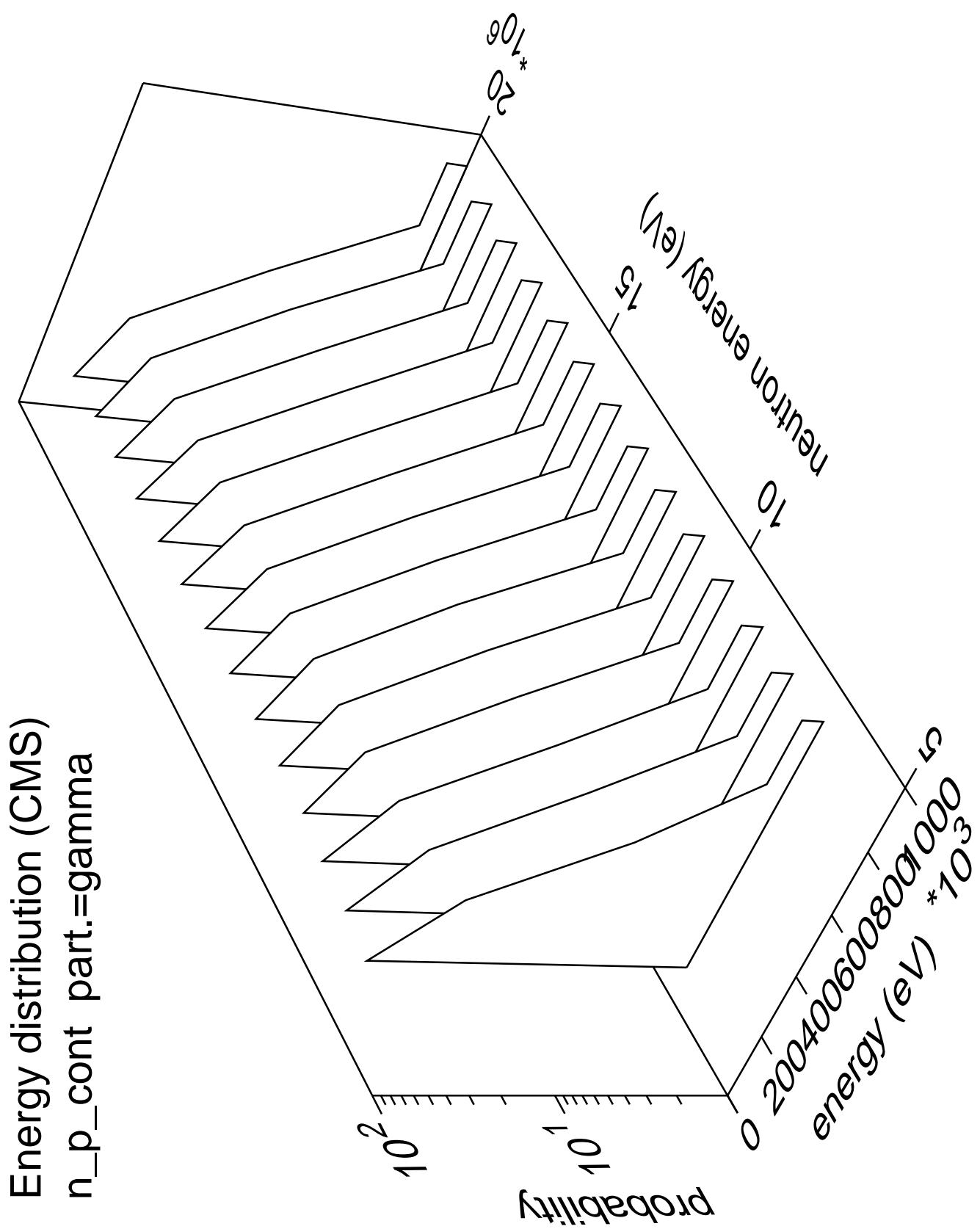
Energy distribution (CMS)  
 $n_p_3$  part.=proton

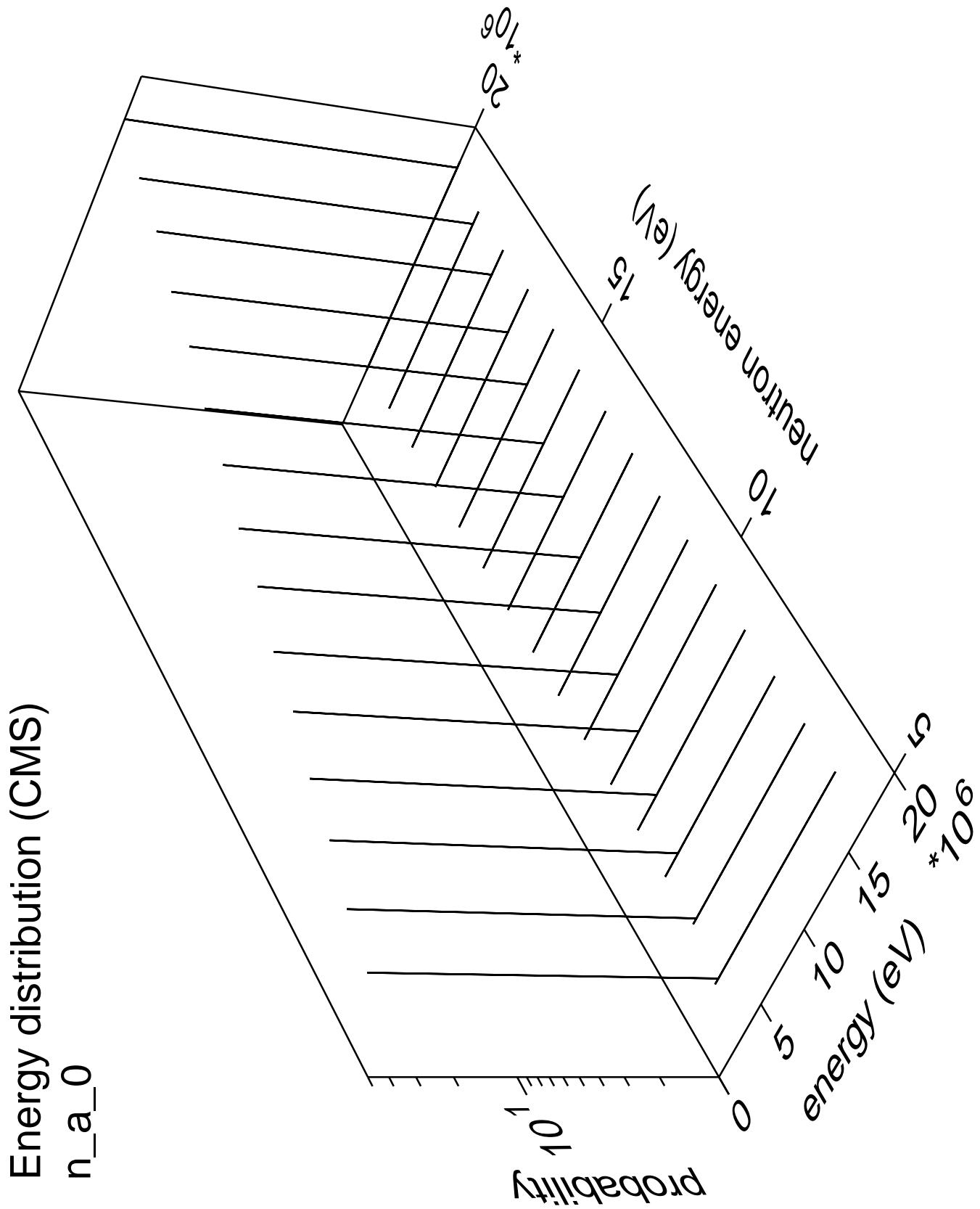




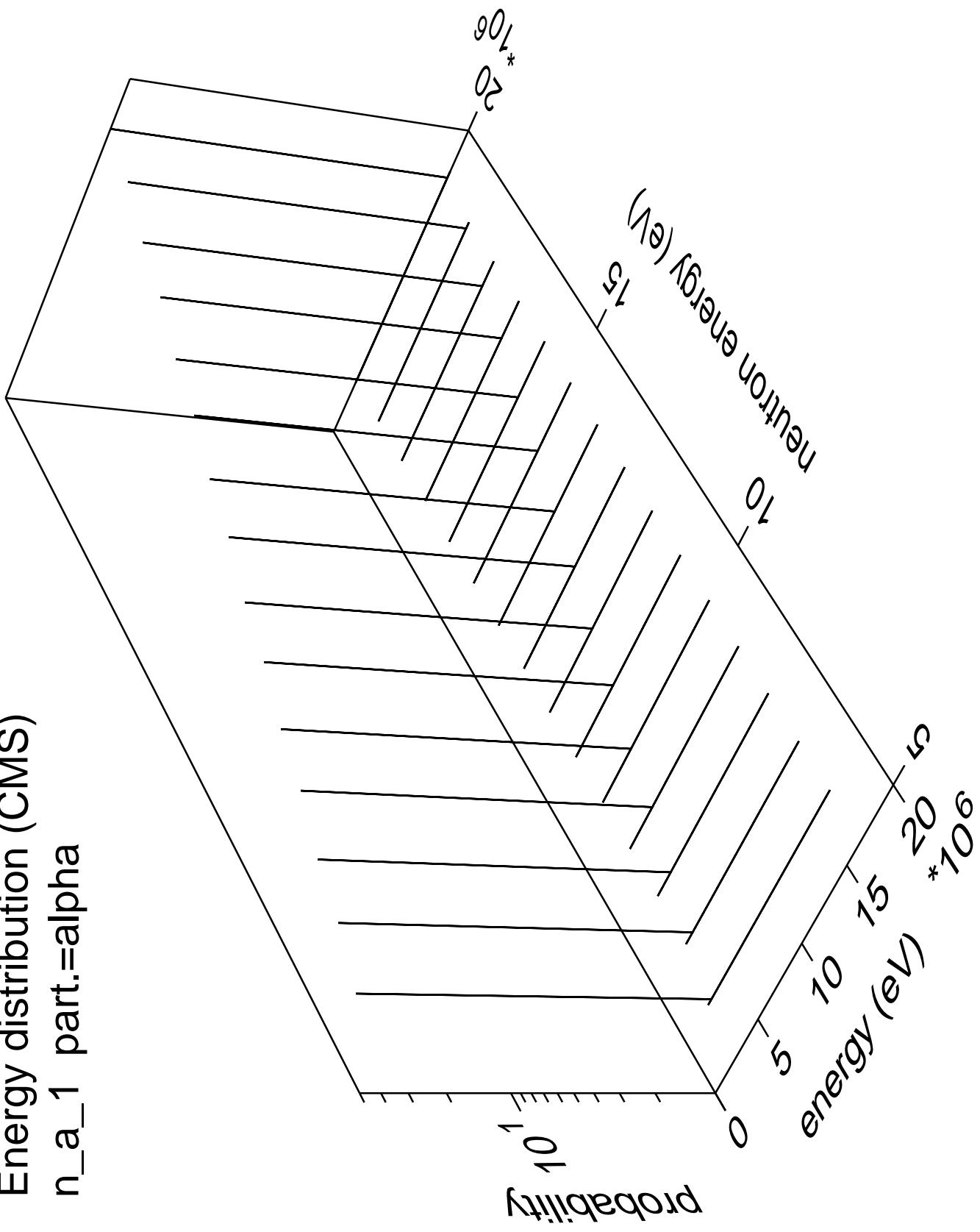
Energy distribution (CMS)  
 $n_p_{\text{cont}}$  part.=proton



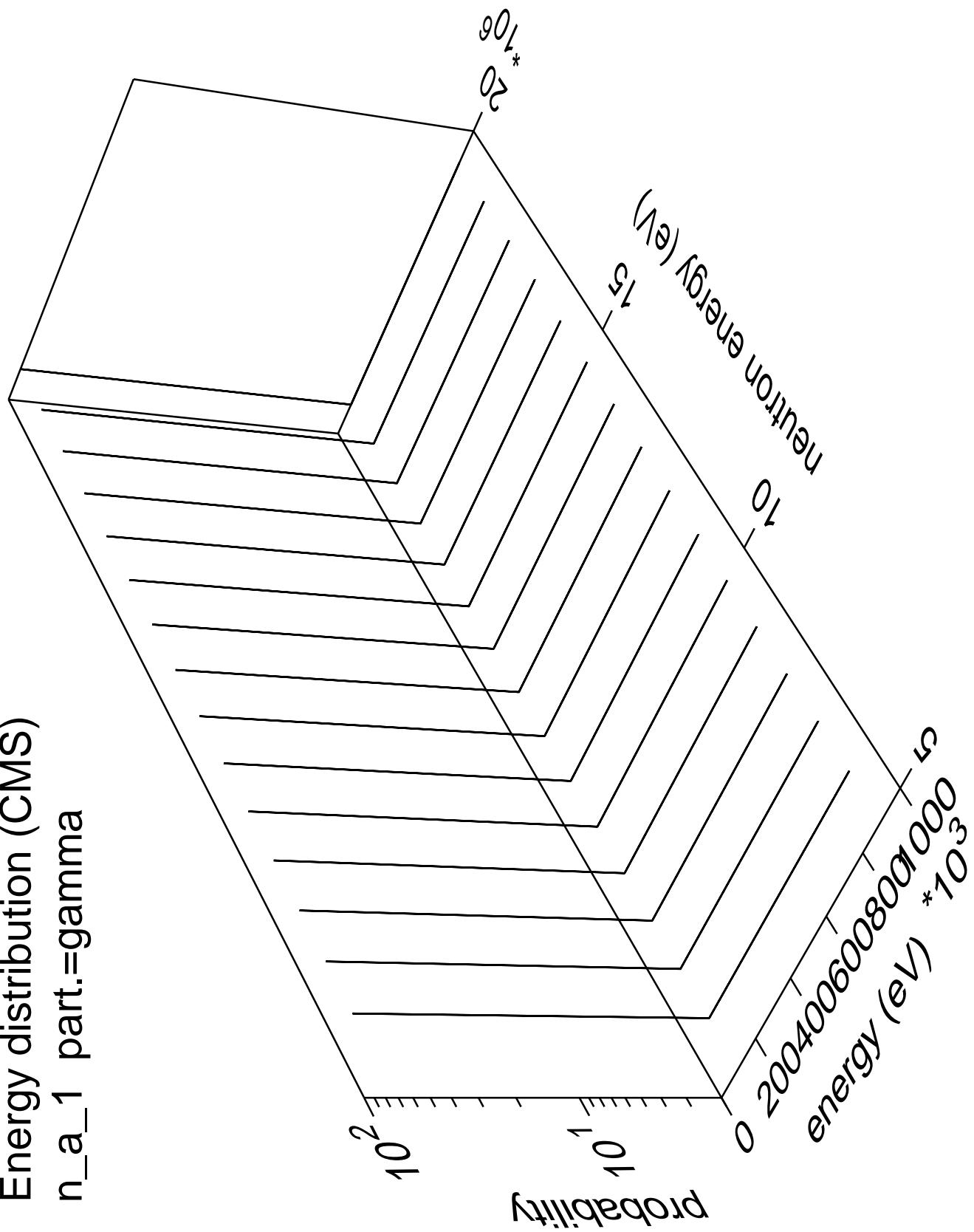




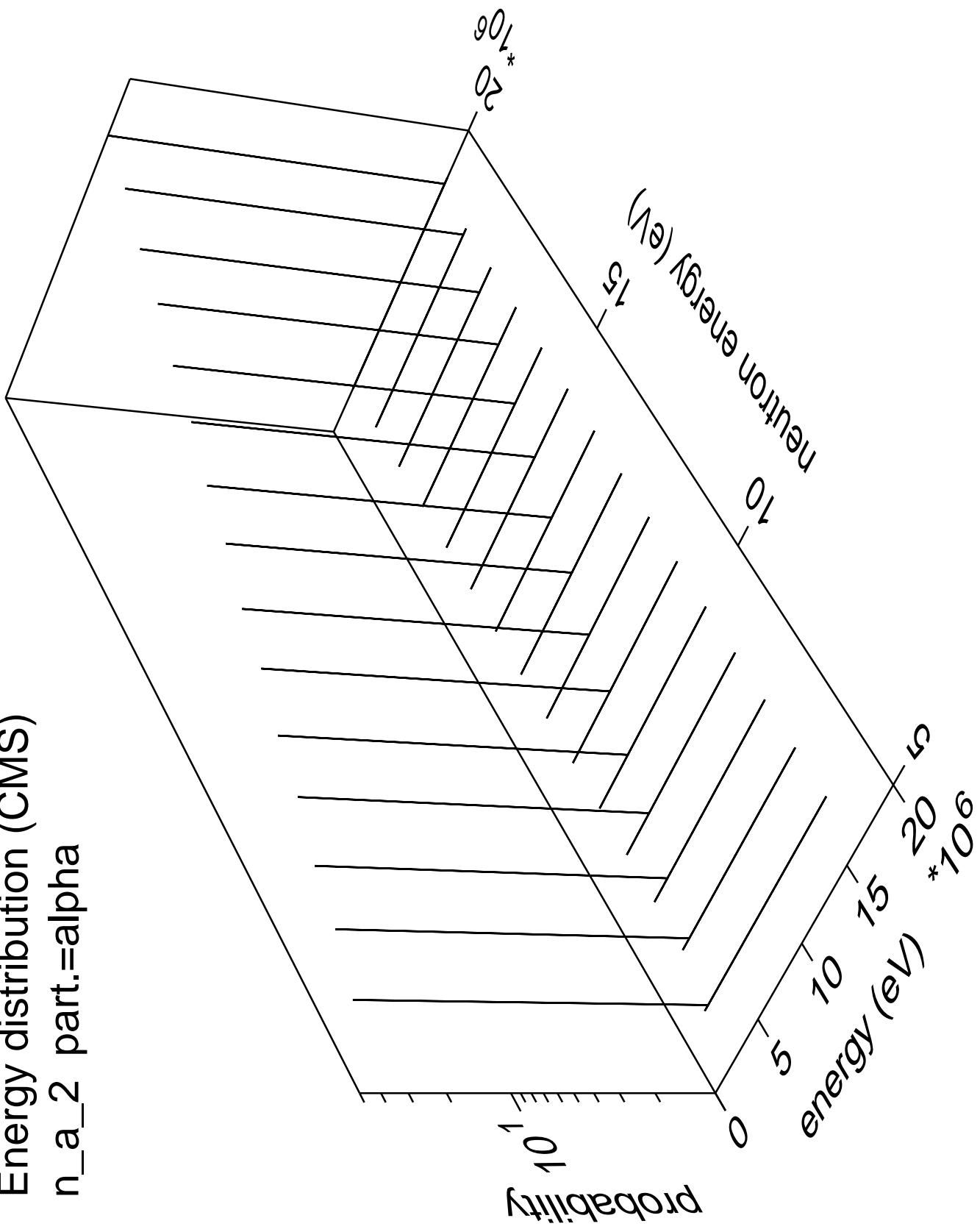
# Energy distribution (CMS) $n_a_1$ part.=alpha



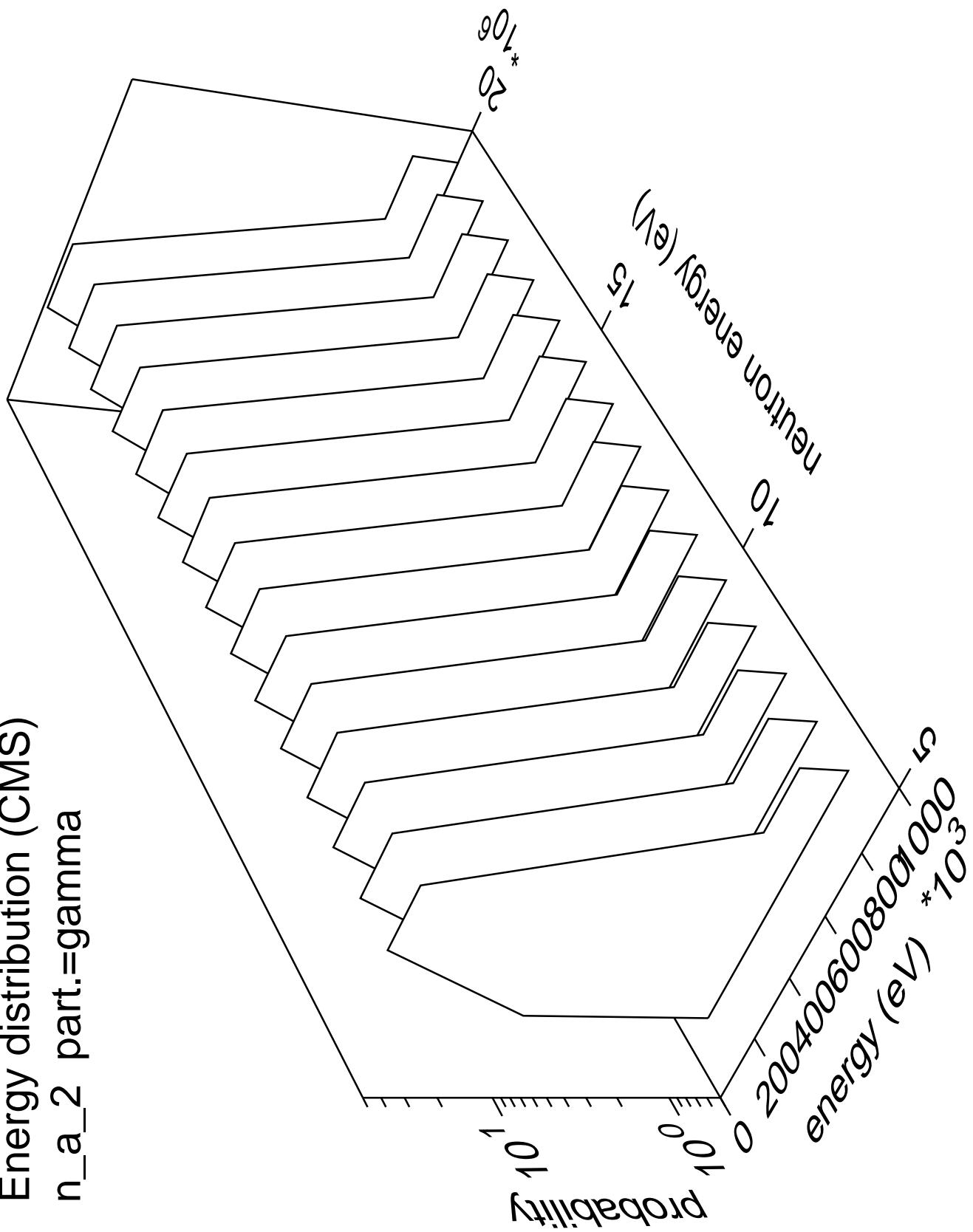
Energy distribution (CMS)  
 $n_a_1$  part.=gamma



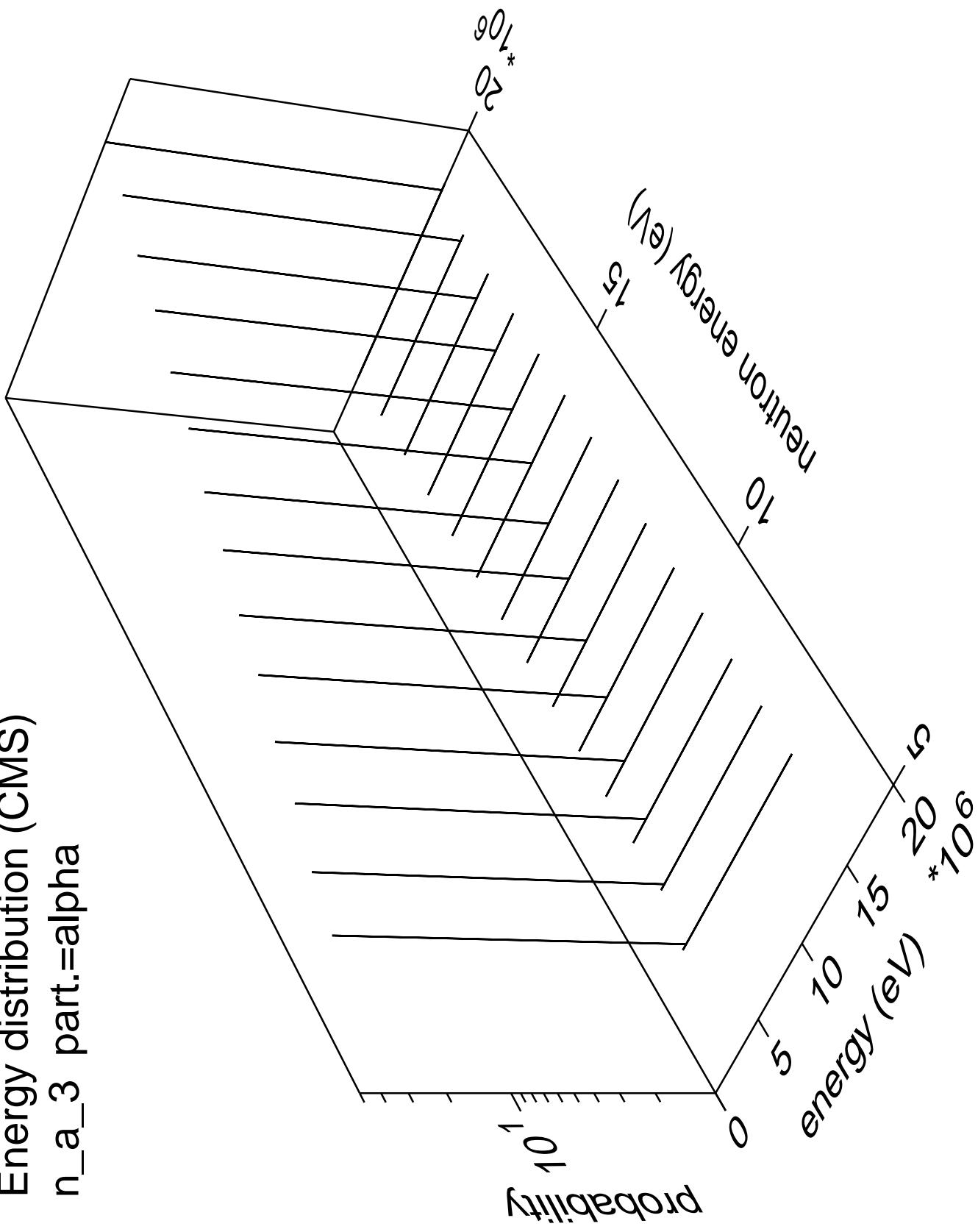
Energy distribution (CMS)  
 $n_a_2$  part.=alpha



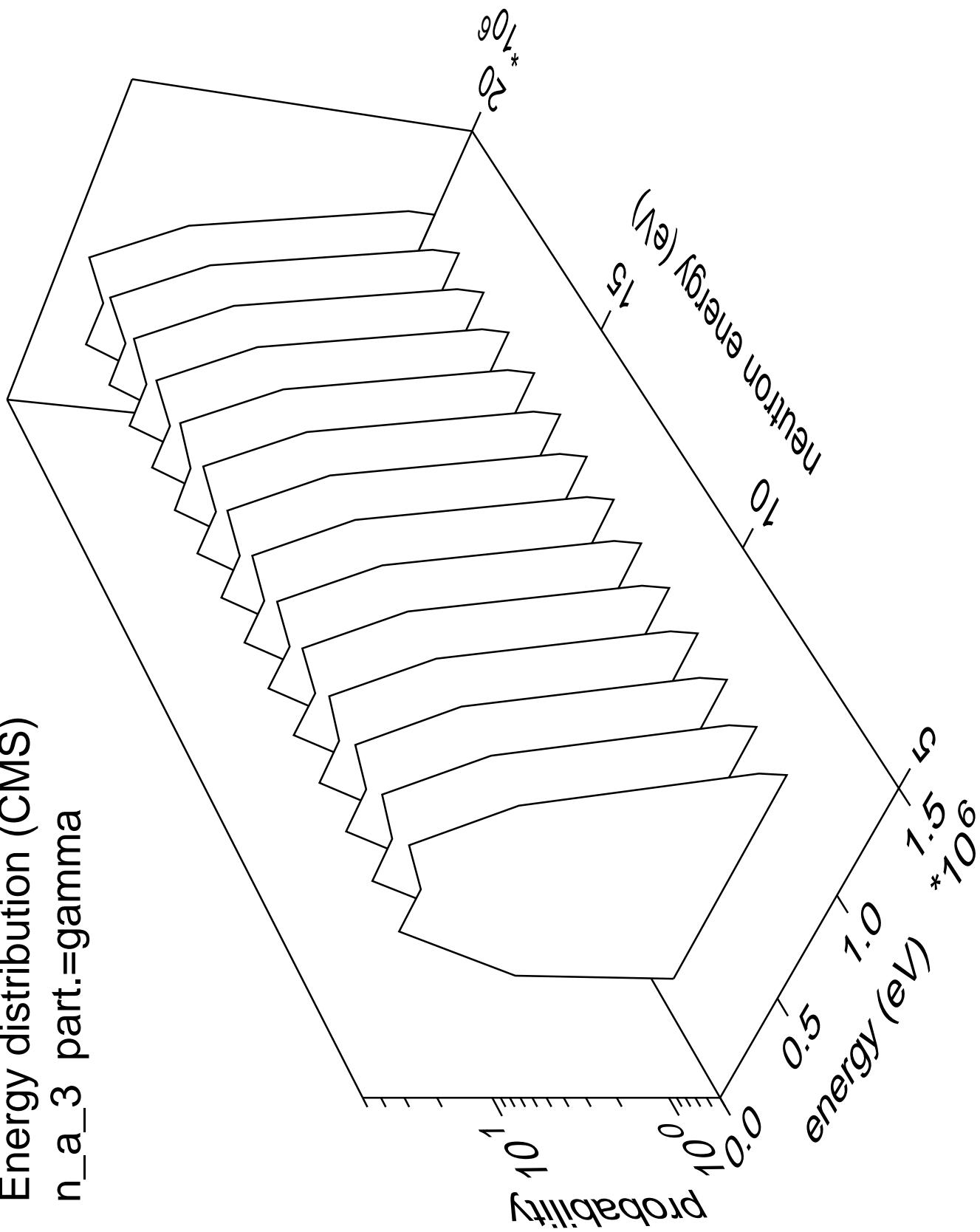
Energy distribution (CMS)  
n\_a\_2 part.=gamma



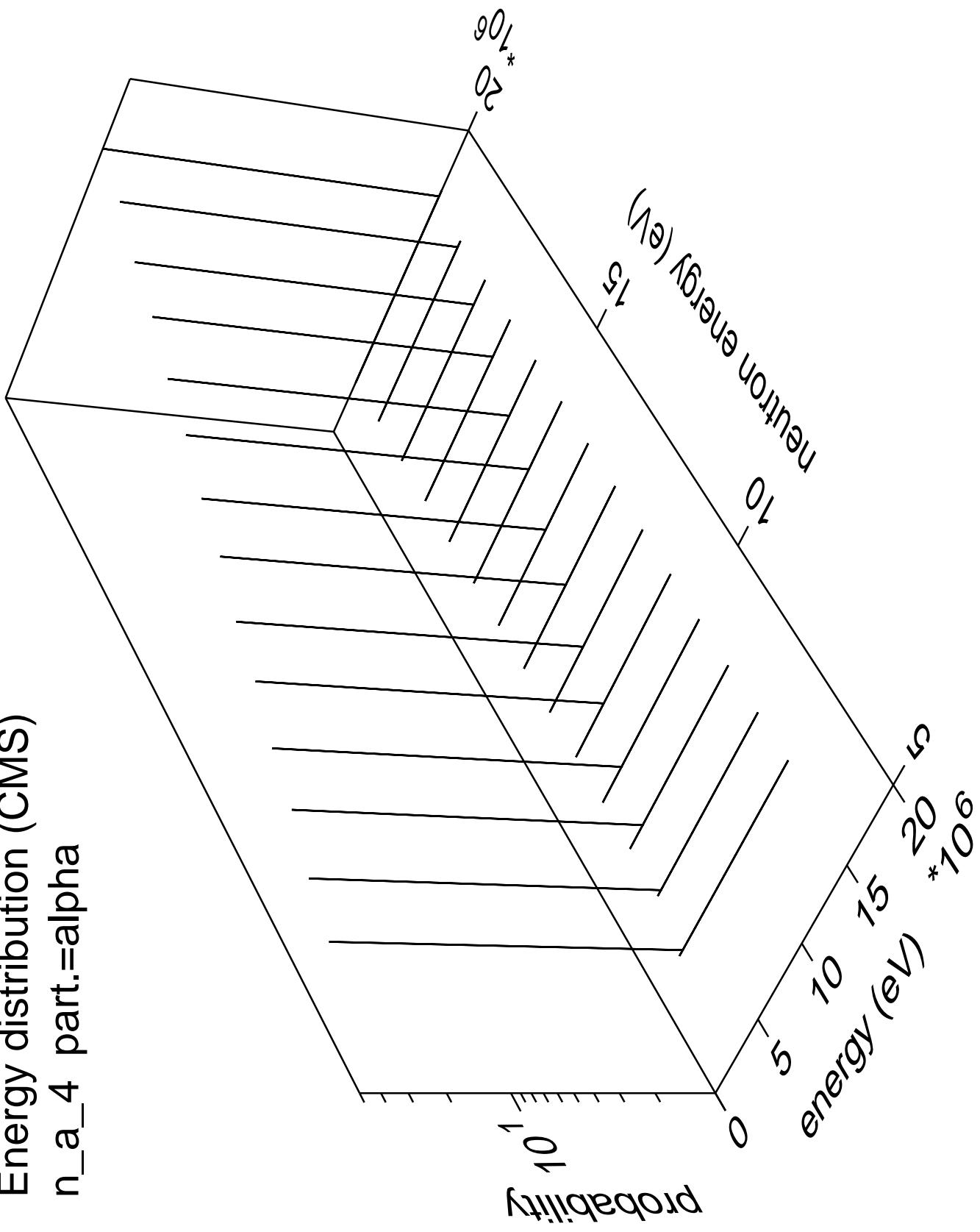
Energy distribution (CMS)  
 $n_a_3$  part.=alpha



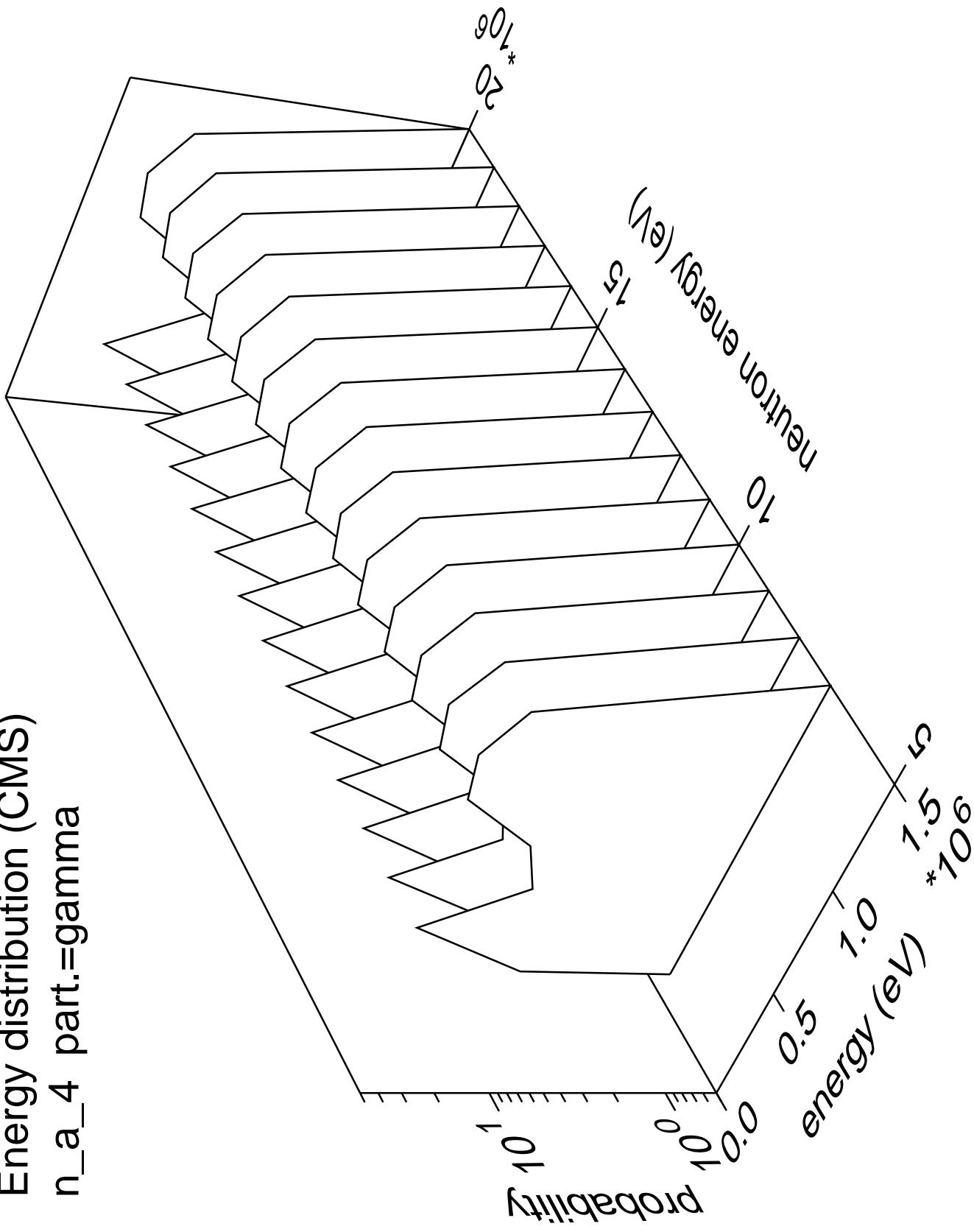
Energy distribution (CMS)  
n\_a\_3 part.=gamma



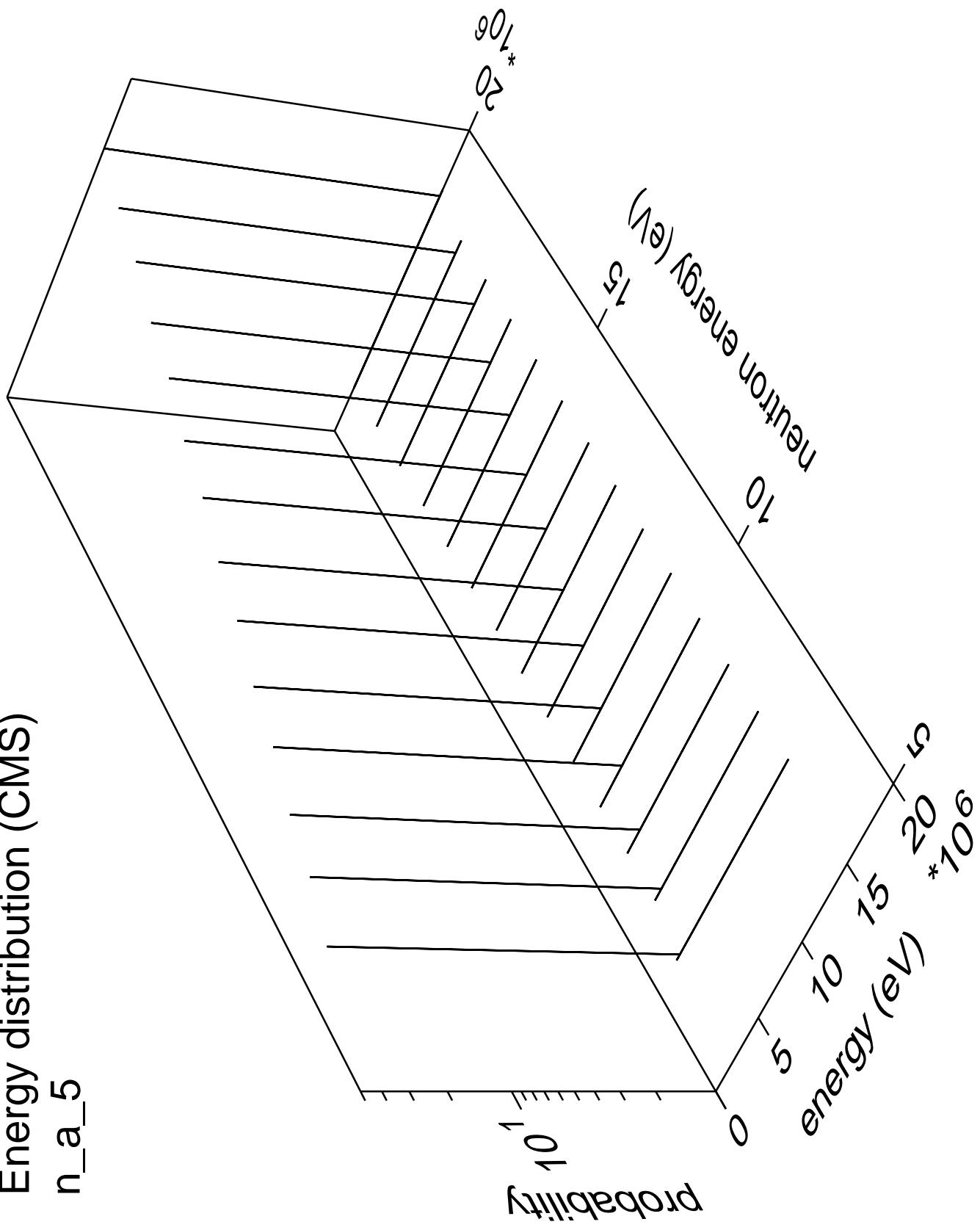
# Energy distribution (CMS) n\_a\_4 part.=alpha



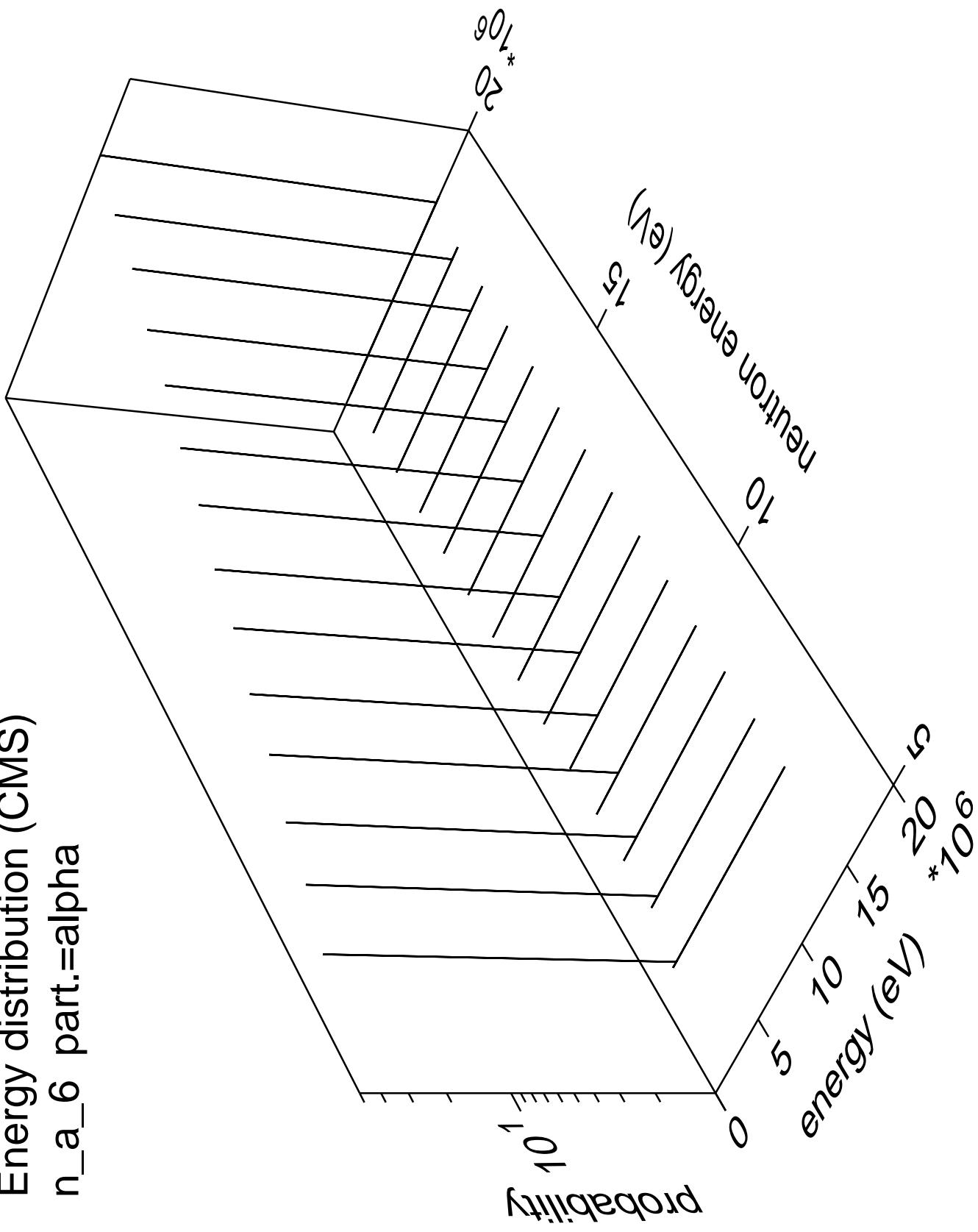
Energy distribution (CMS)  
n\_a\_4 part.=gamma

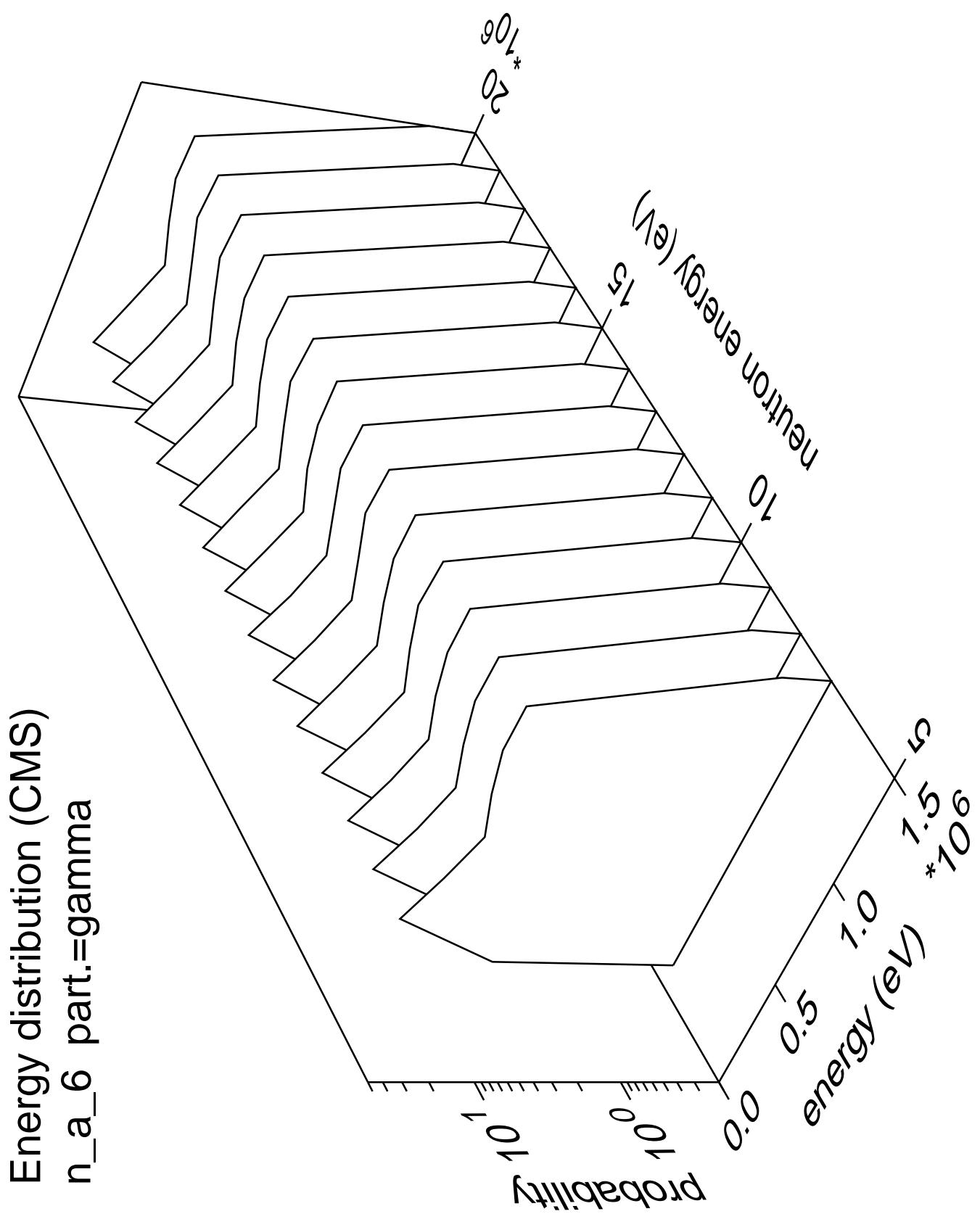


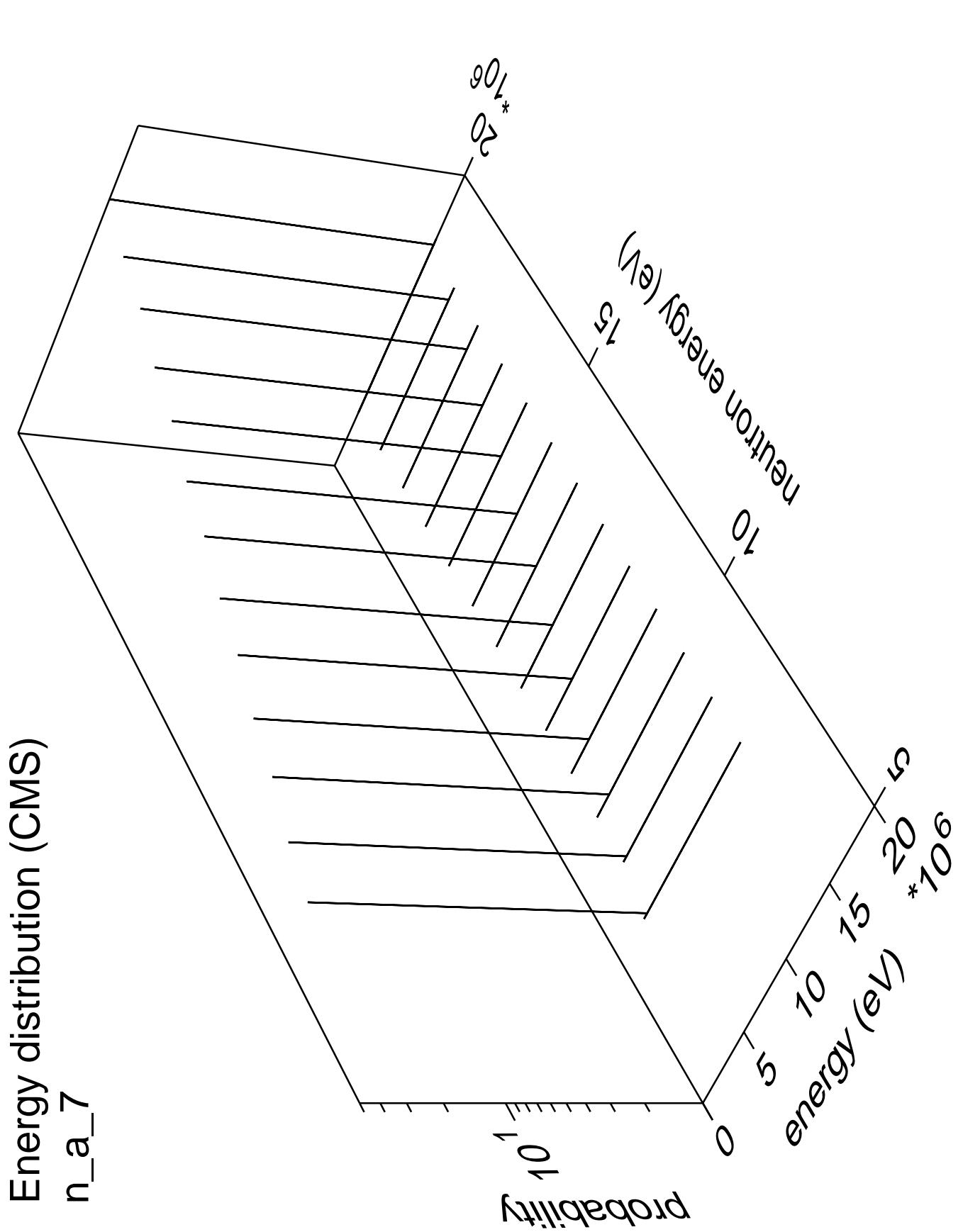
# Energy distribution (CMS) n\_a\_5



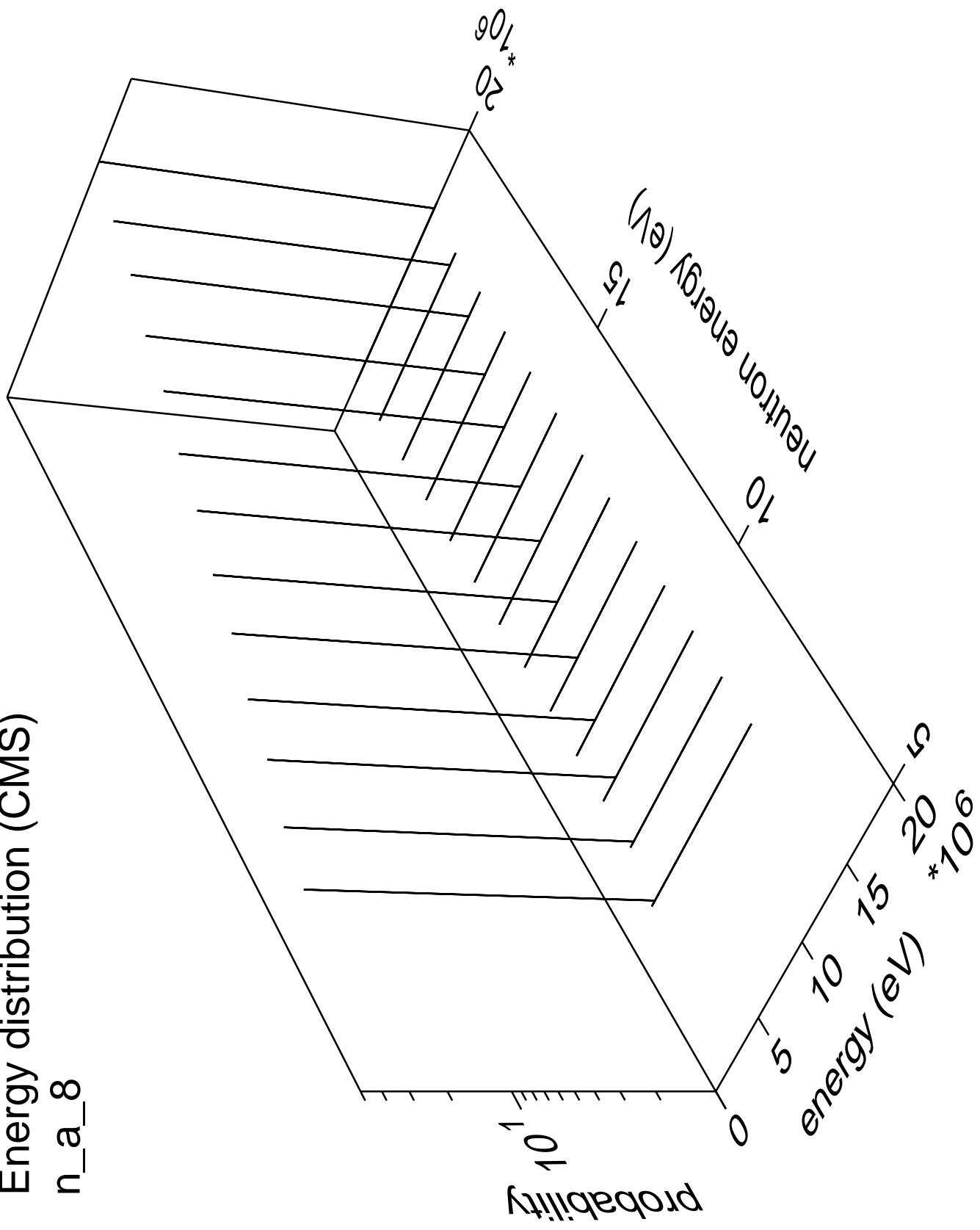
Energy distribution (CMS)  
 $n_a_6$  part.=alpha



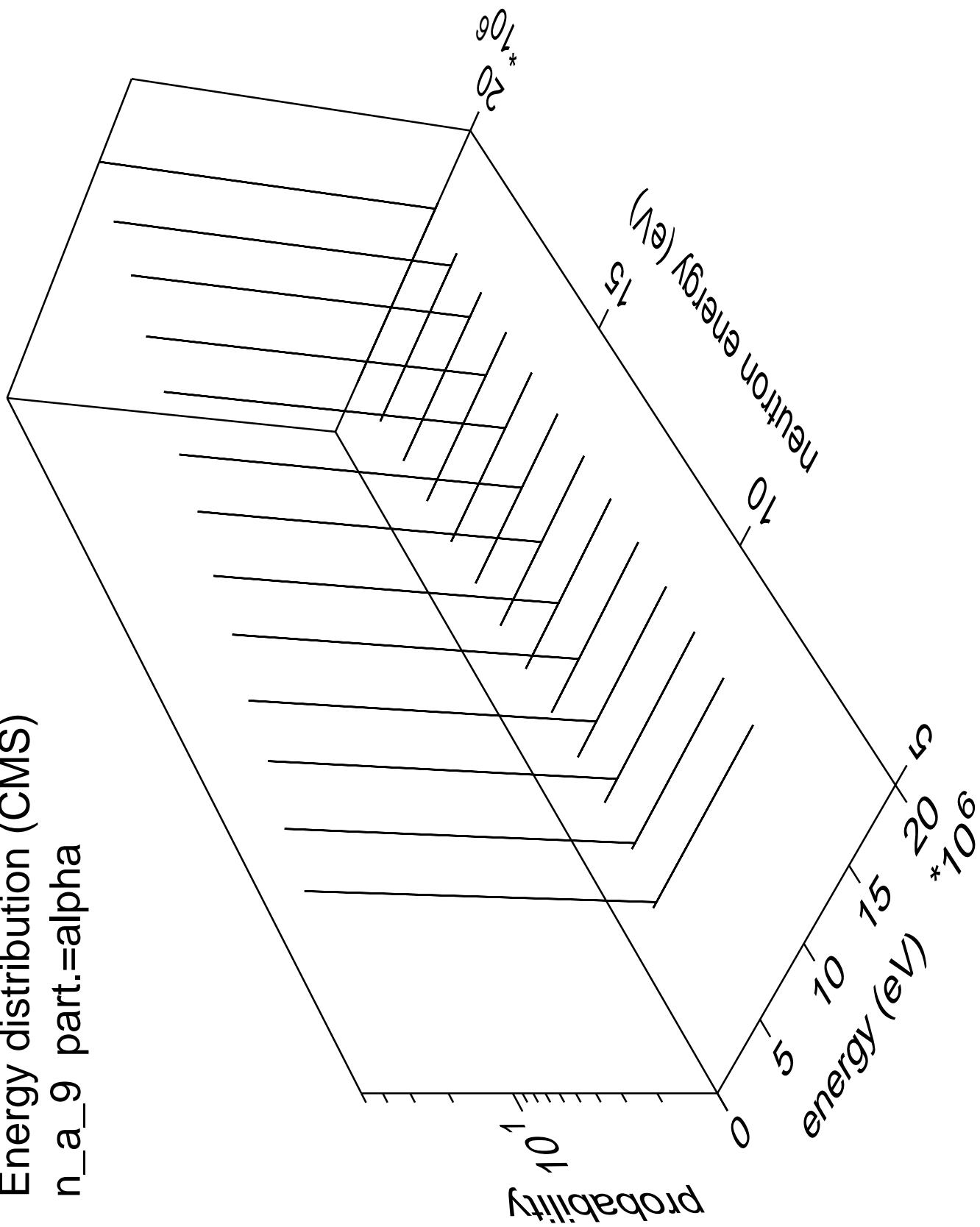




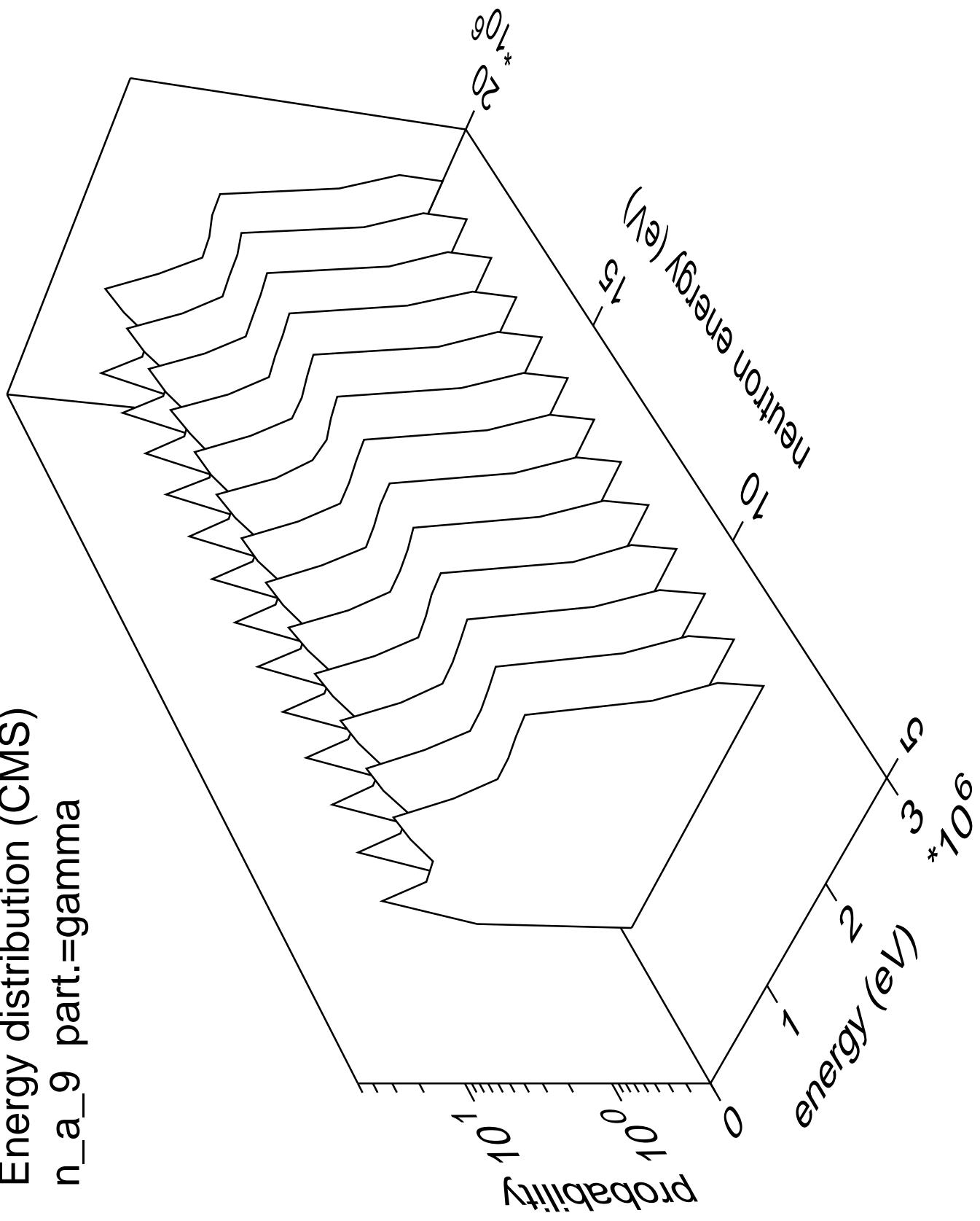
# Energy distribution (CMS) n\_a\_8

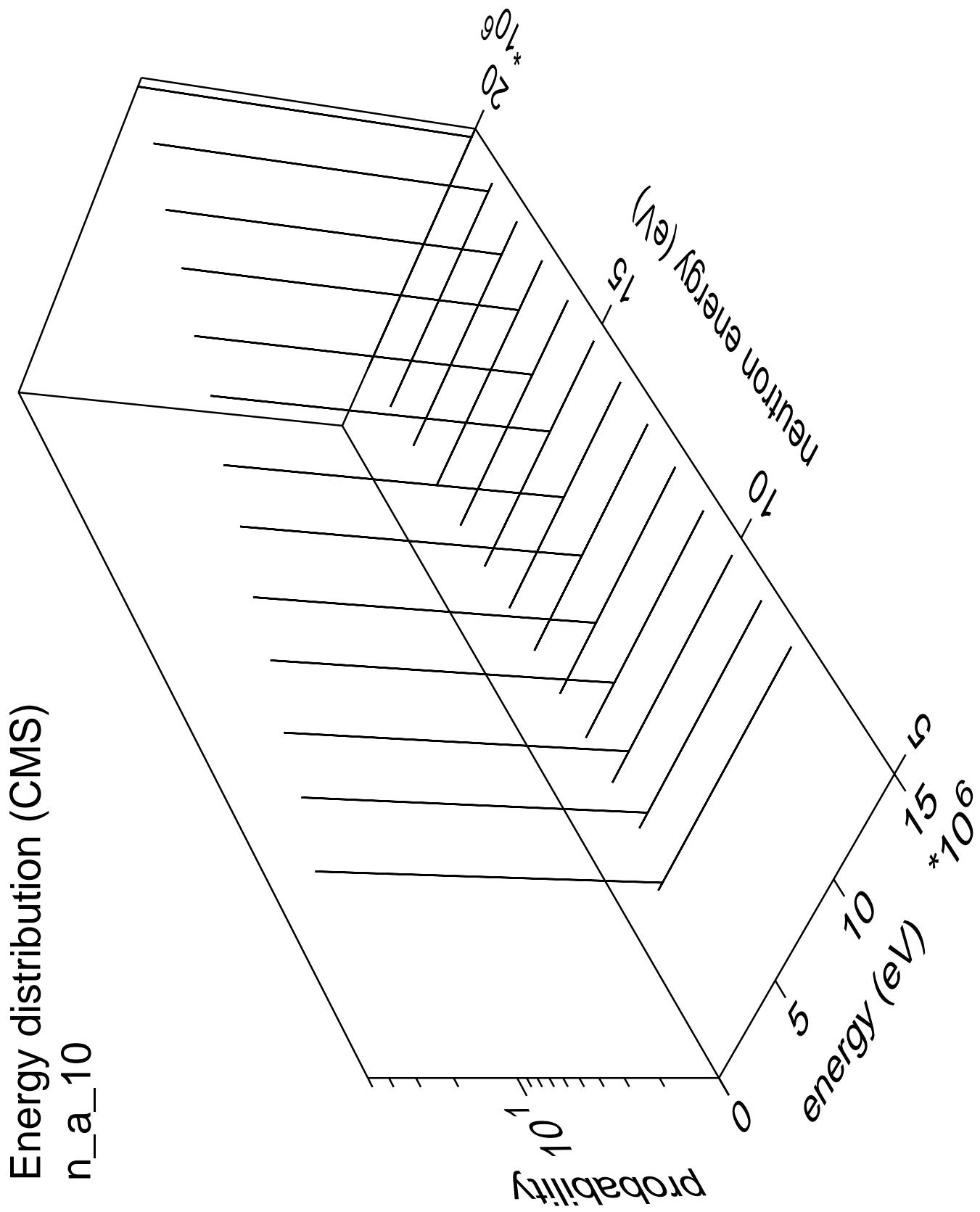


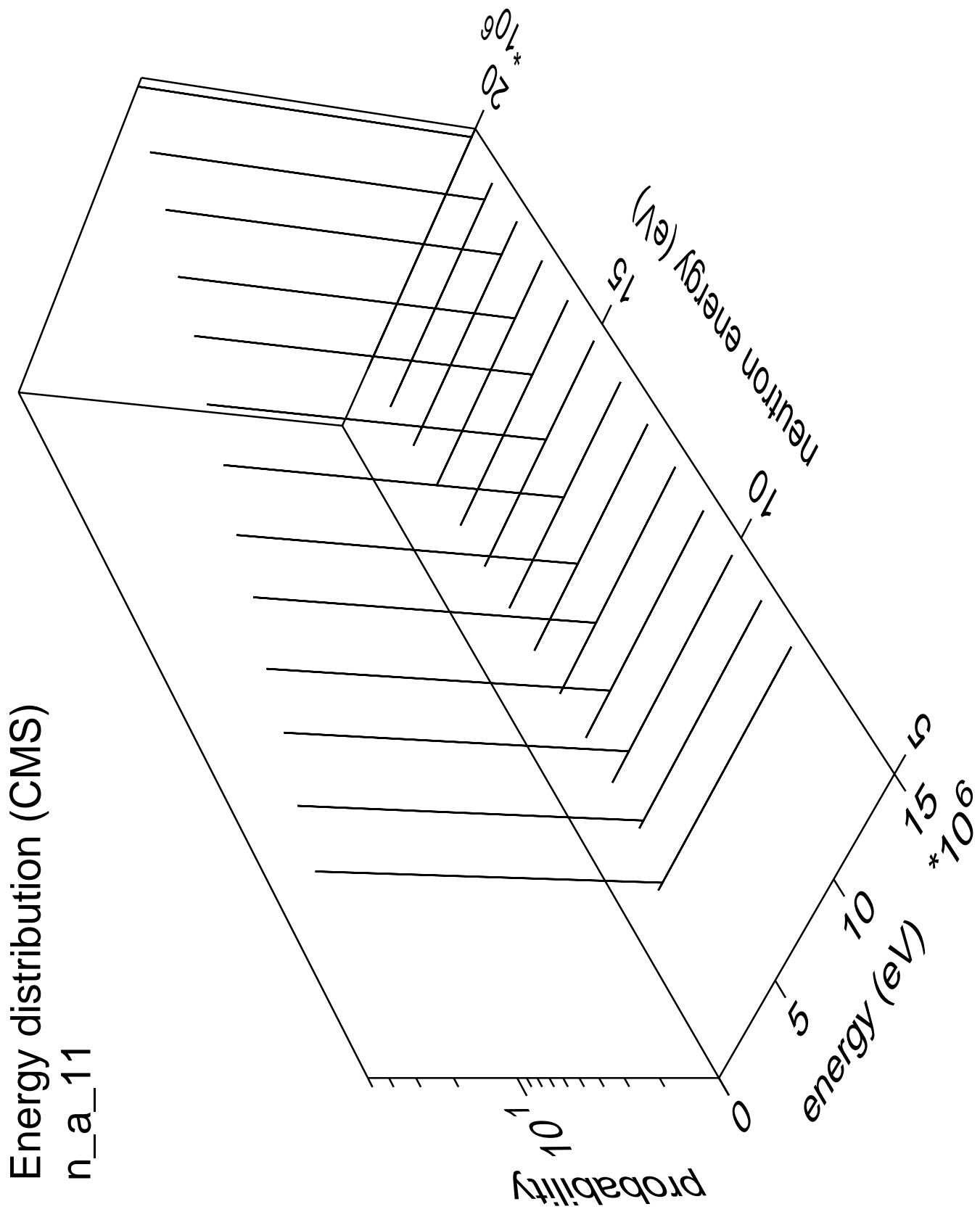
Energy distribution (CMS)  
n\_a\_9 part.=alpha



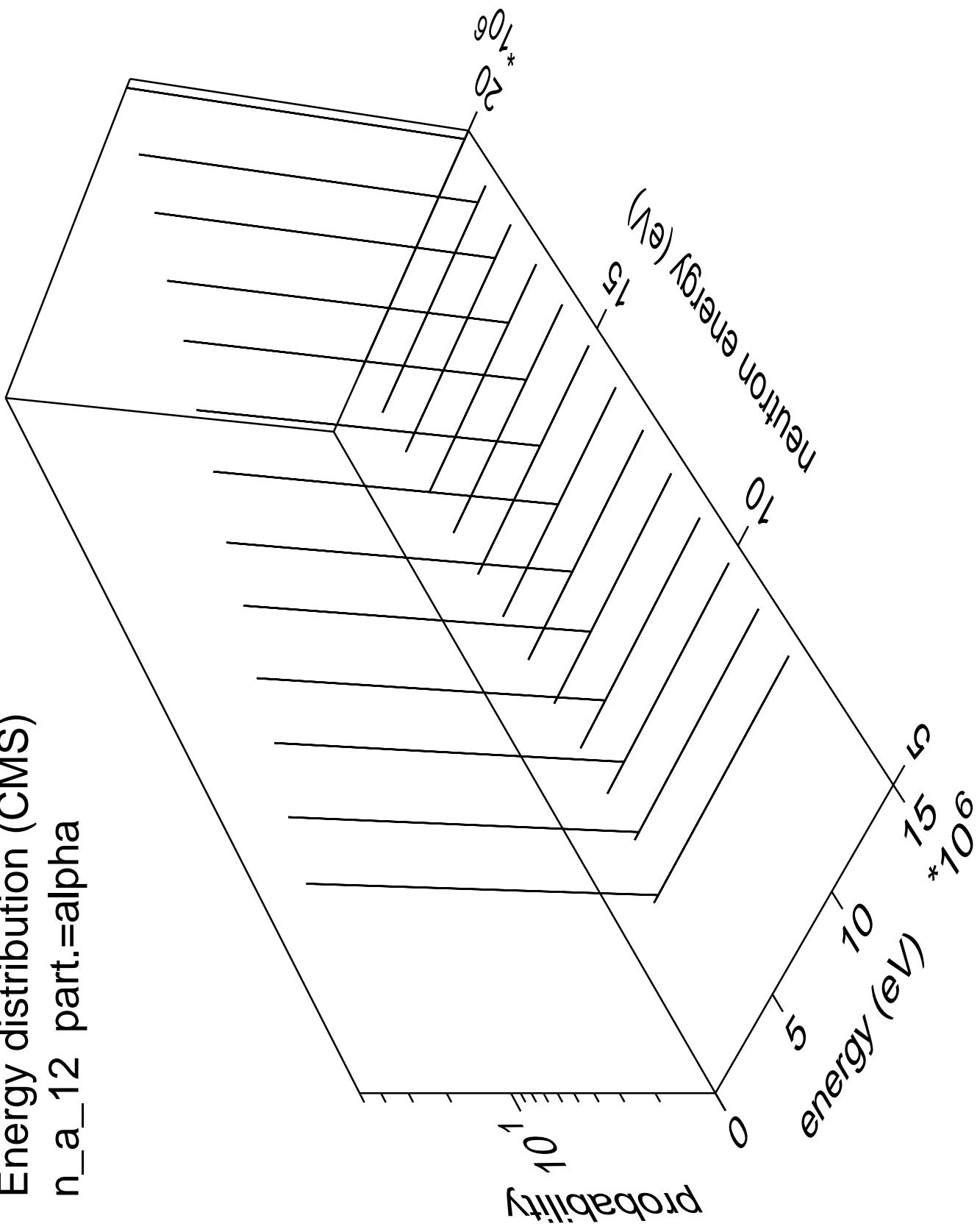
Energy distribution (CMS)  
n\_a\_9 part.=gamma



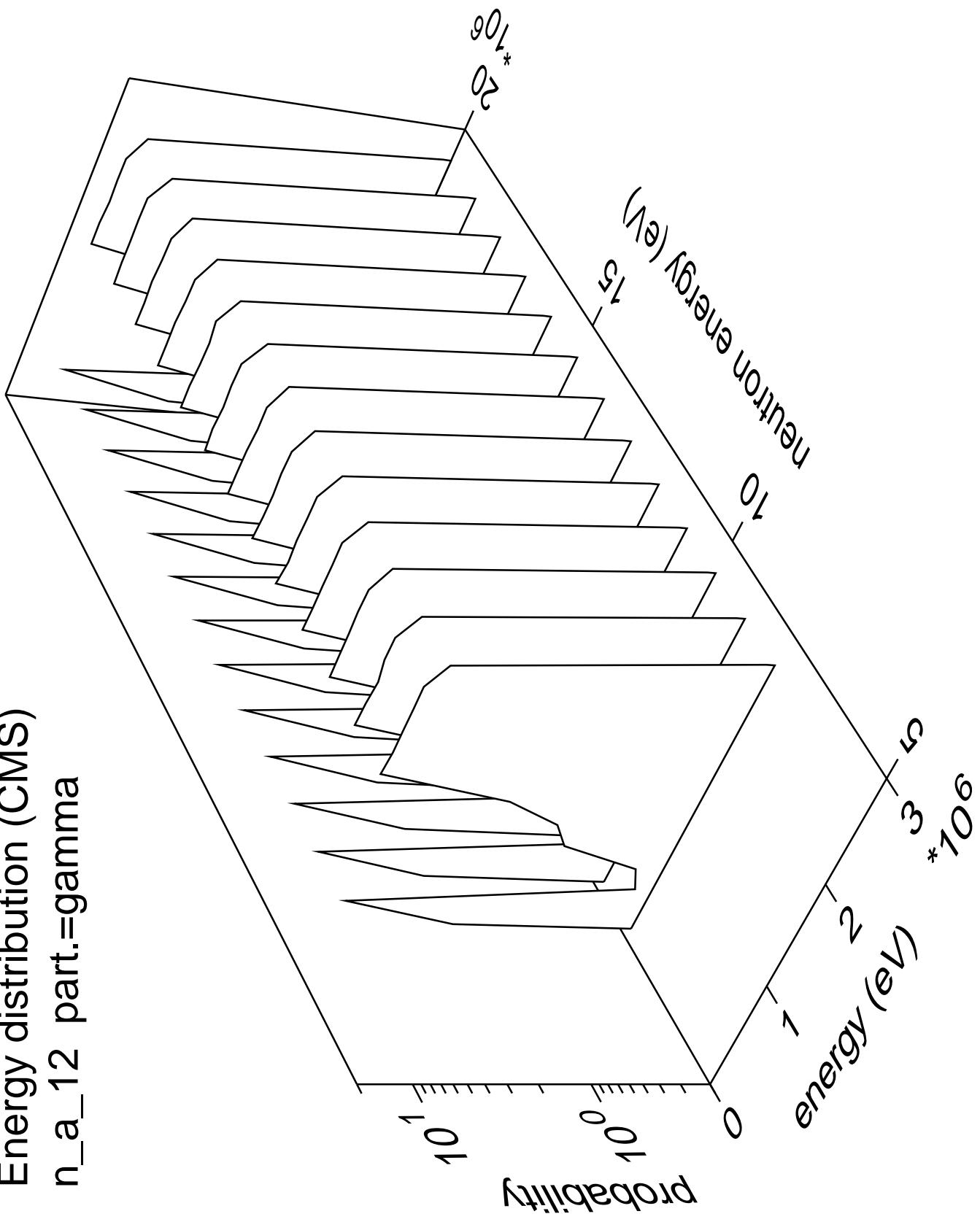




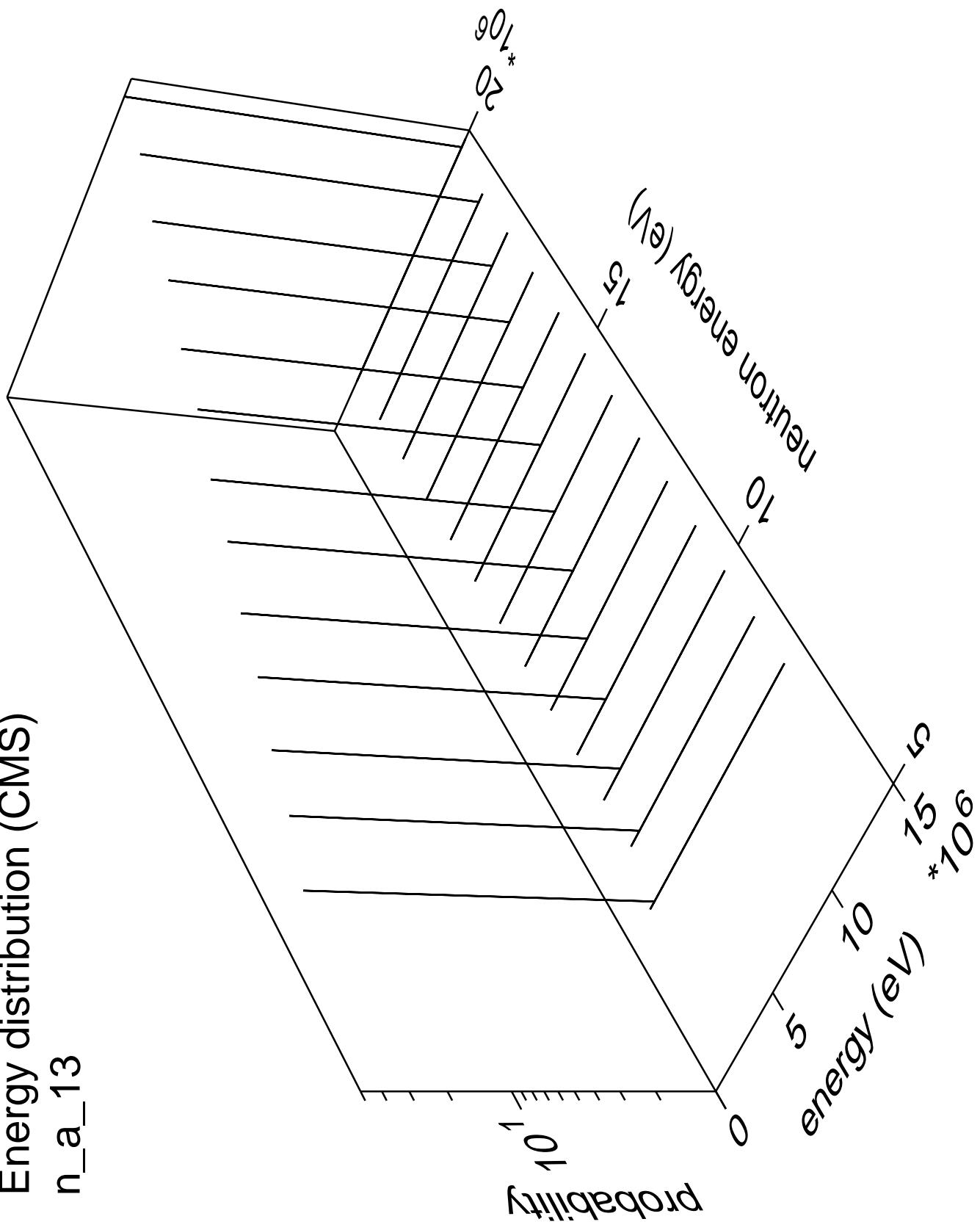
Energy distribution (CMS)  
 $n_a_{12}$  part.=alpha

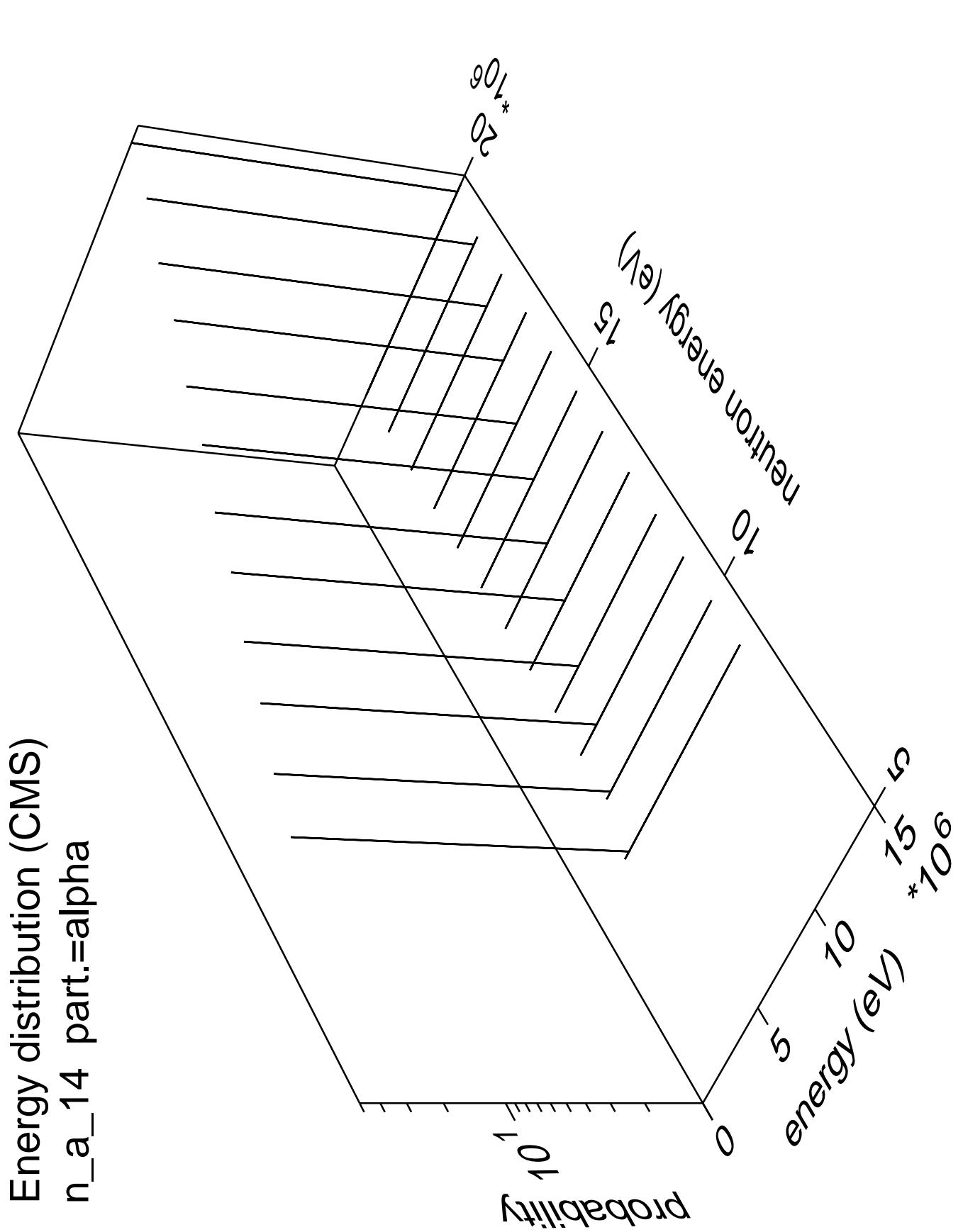


Energy distribution (CMS)  
n\_a\_12 part.=gamma

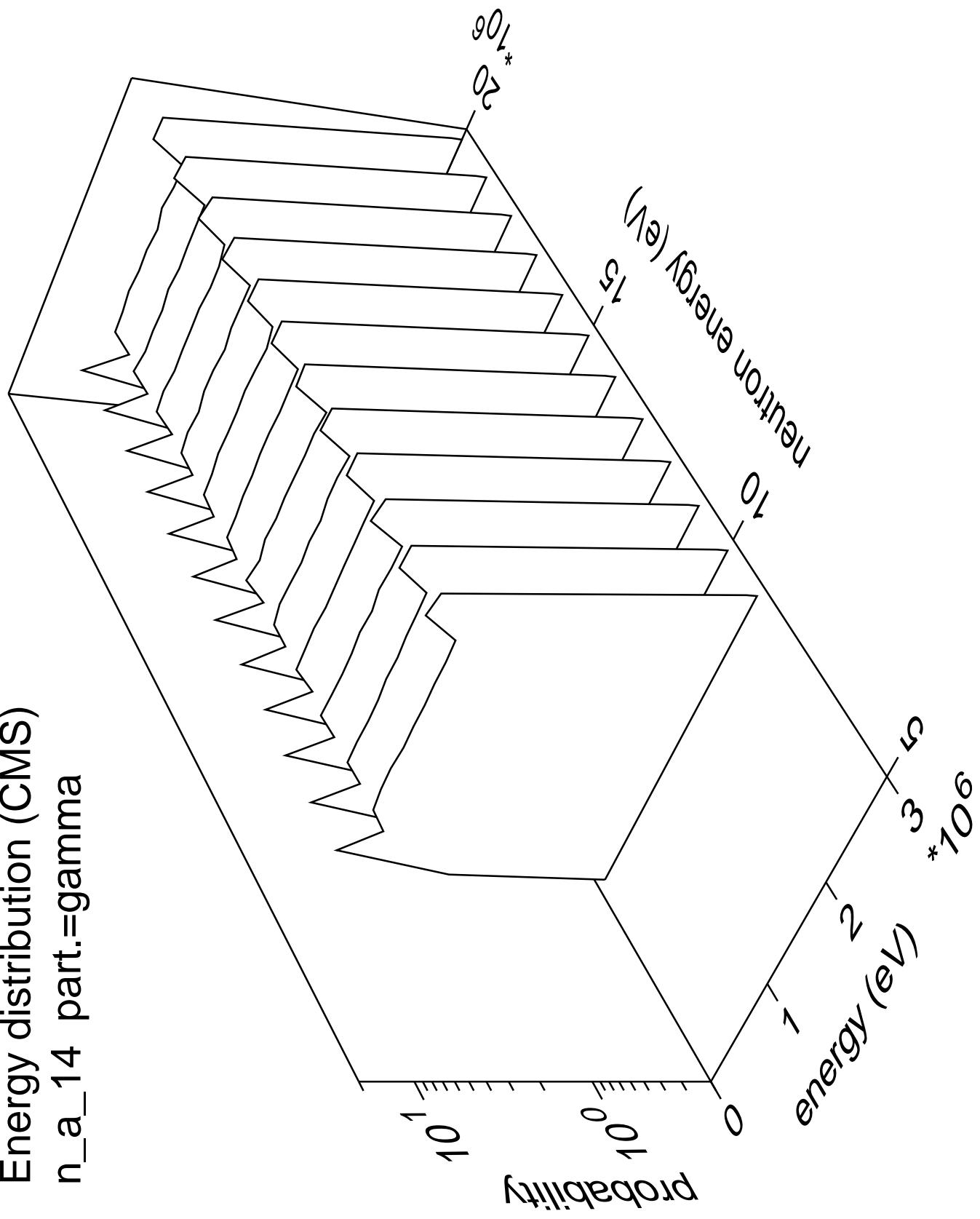


# $n_{\alpha}13$

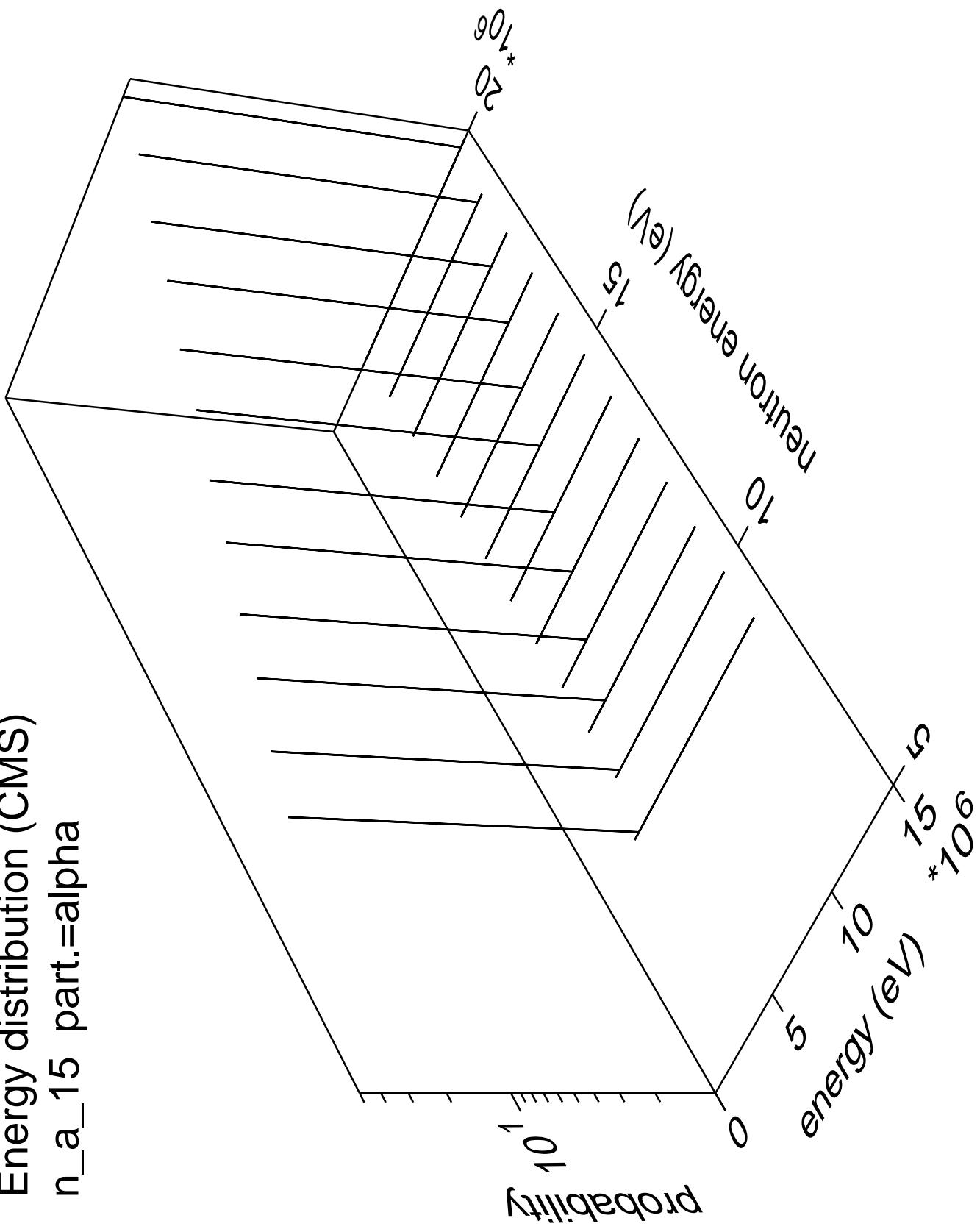




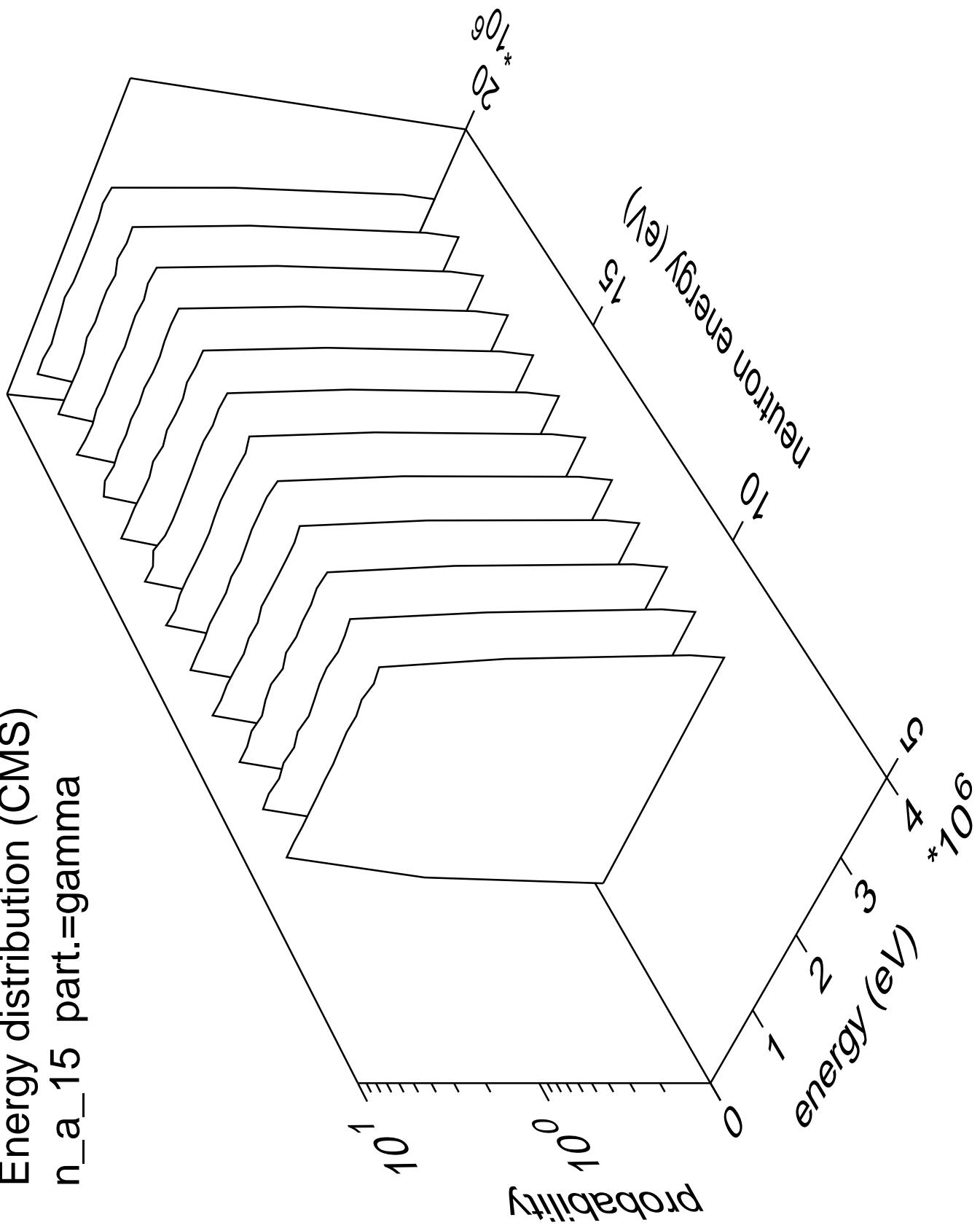
Energy distribution (CMS)  
n\_a\_14 part.=gamma

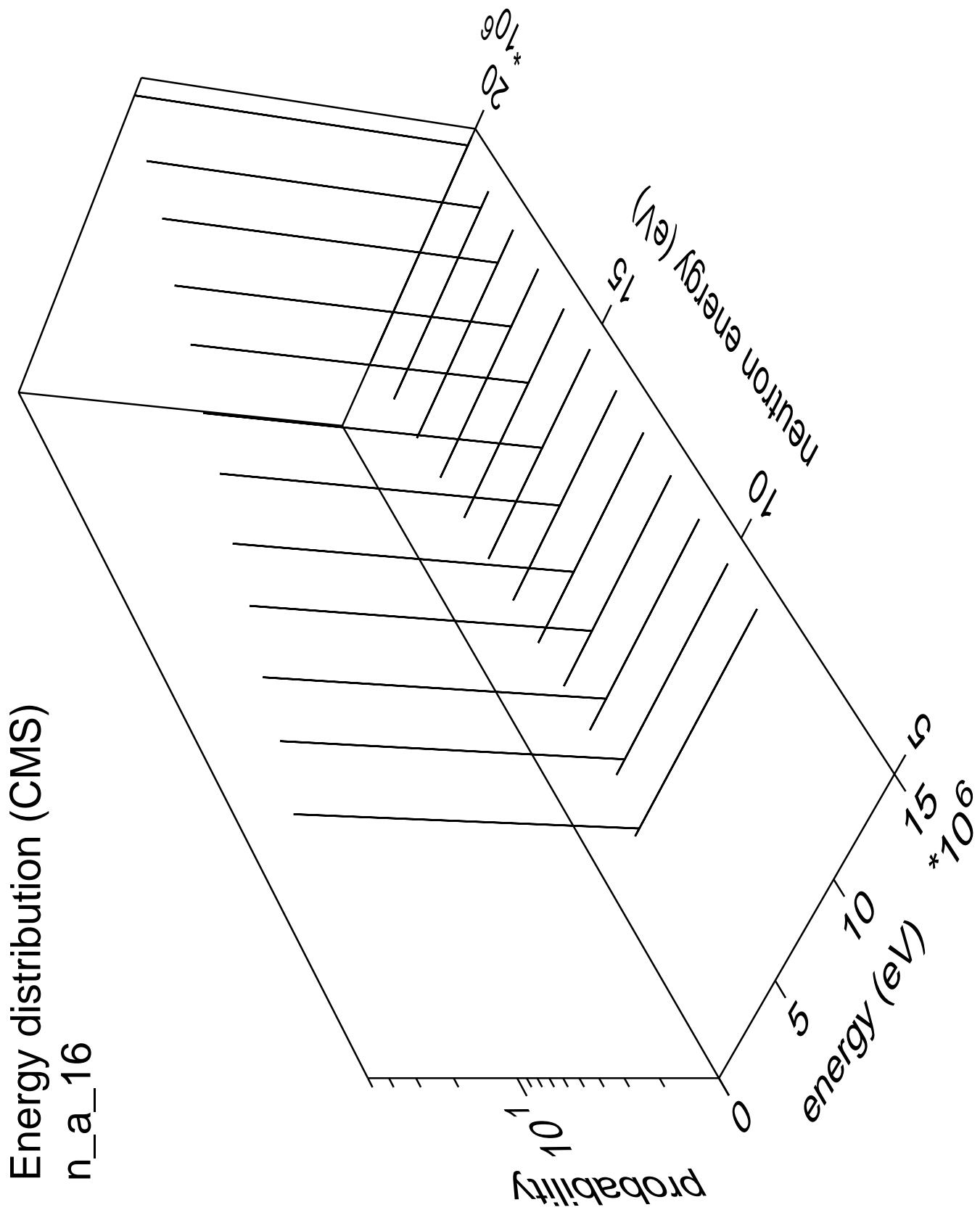


Energy distribution (CMS)  
 $n_a_{15}$  part.=alpha

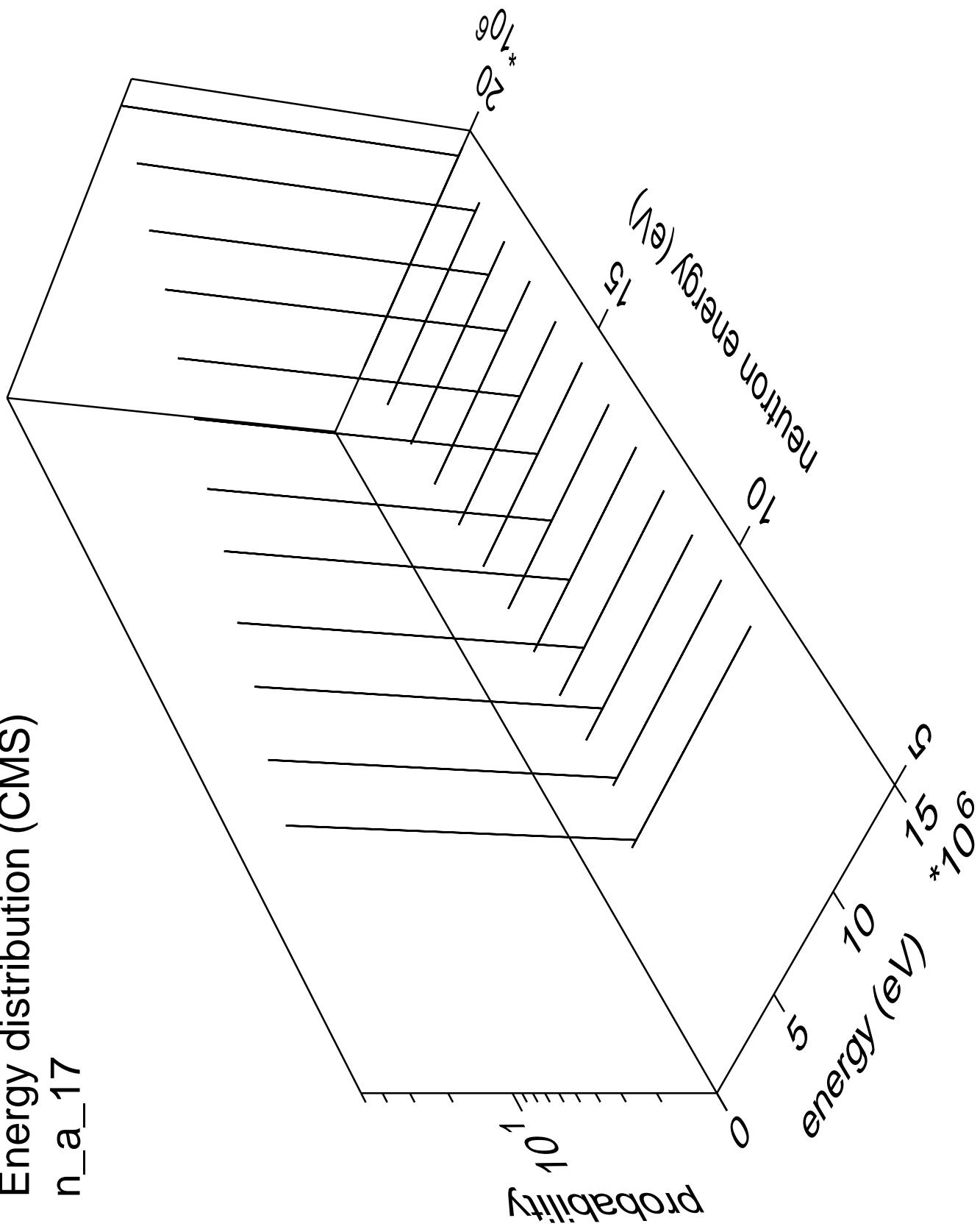


Energy distribution (CMS)  
n\_a\_15 part.=gamma

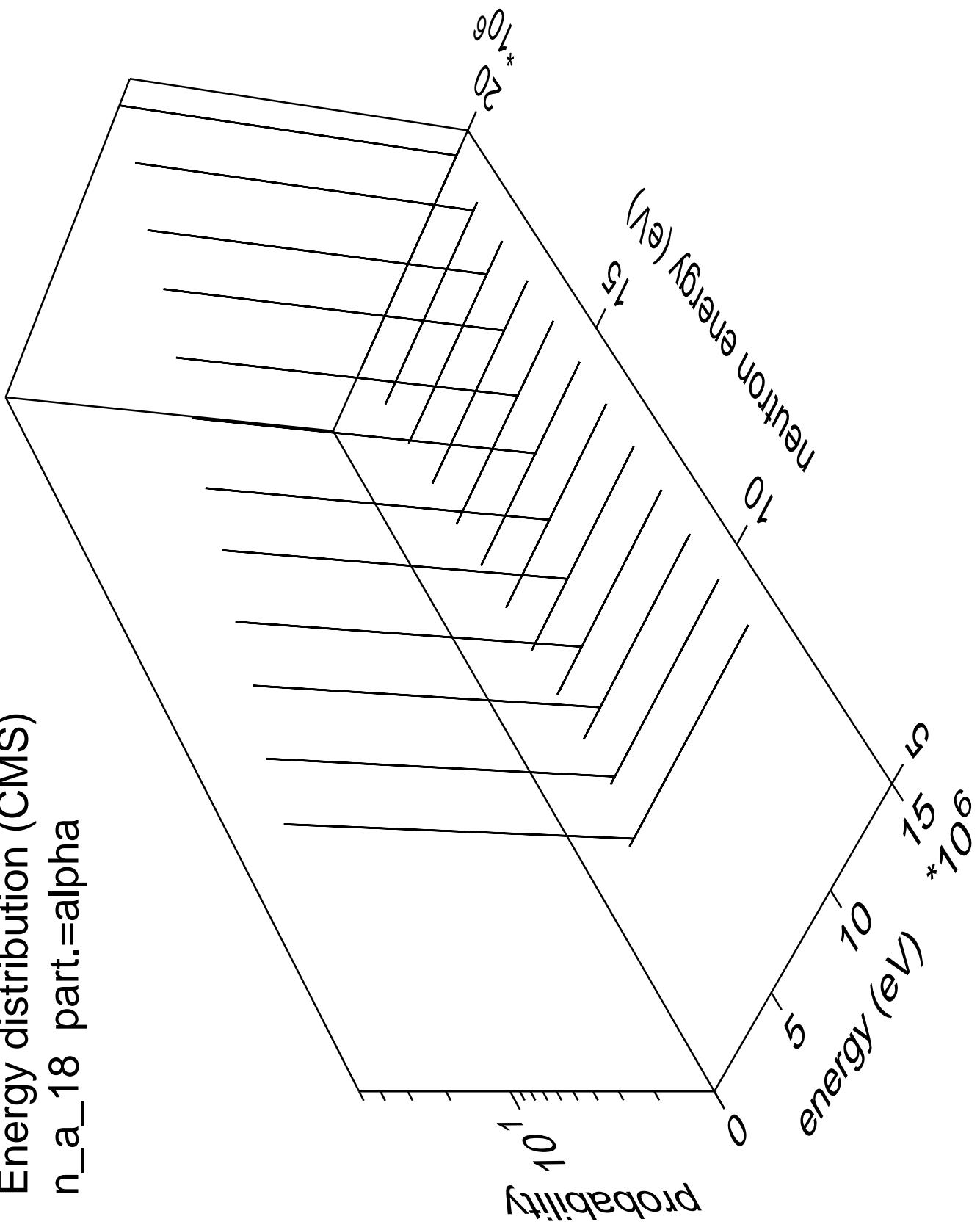




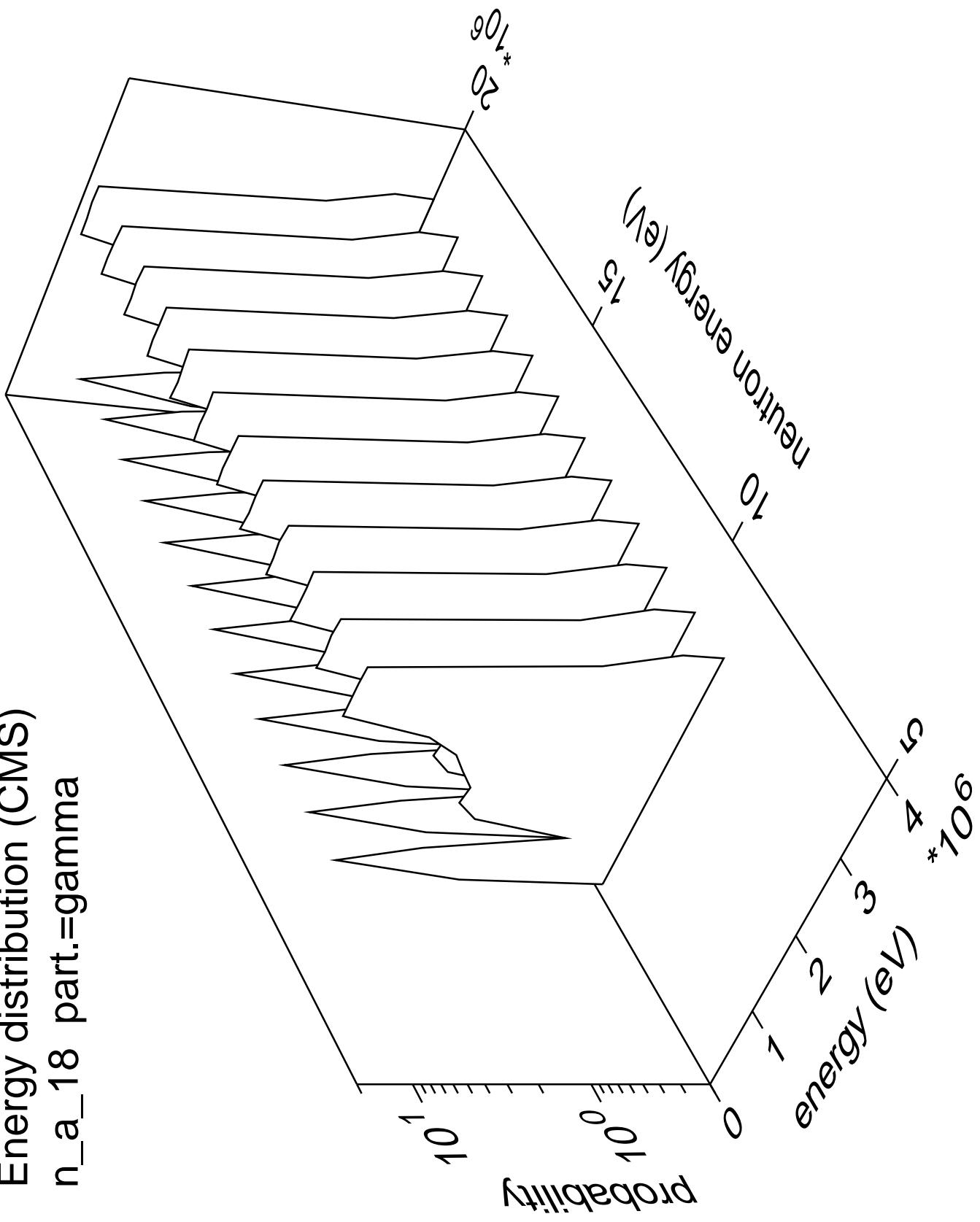
# Energy distribution (CMS) n\_a\_17



Energy distribution (CMS)  
 $n_a_{18}$  part.=alpha

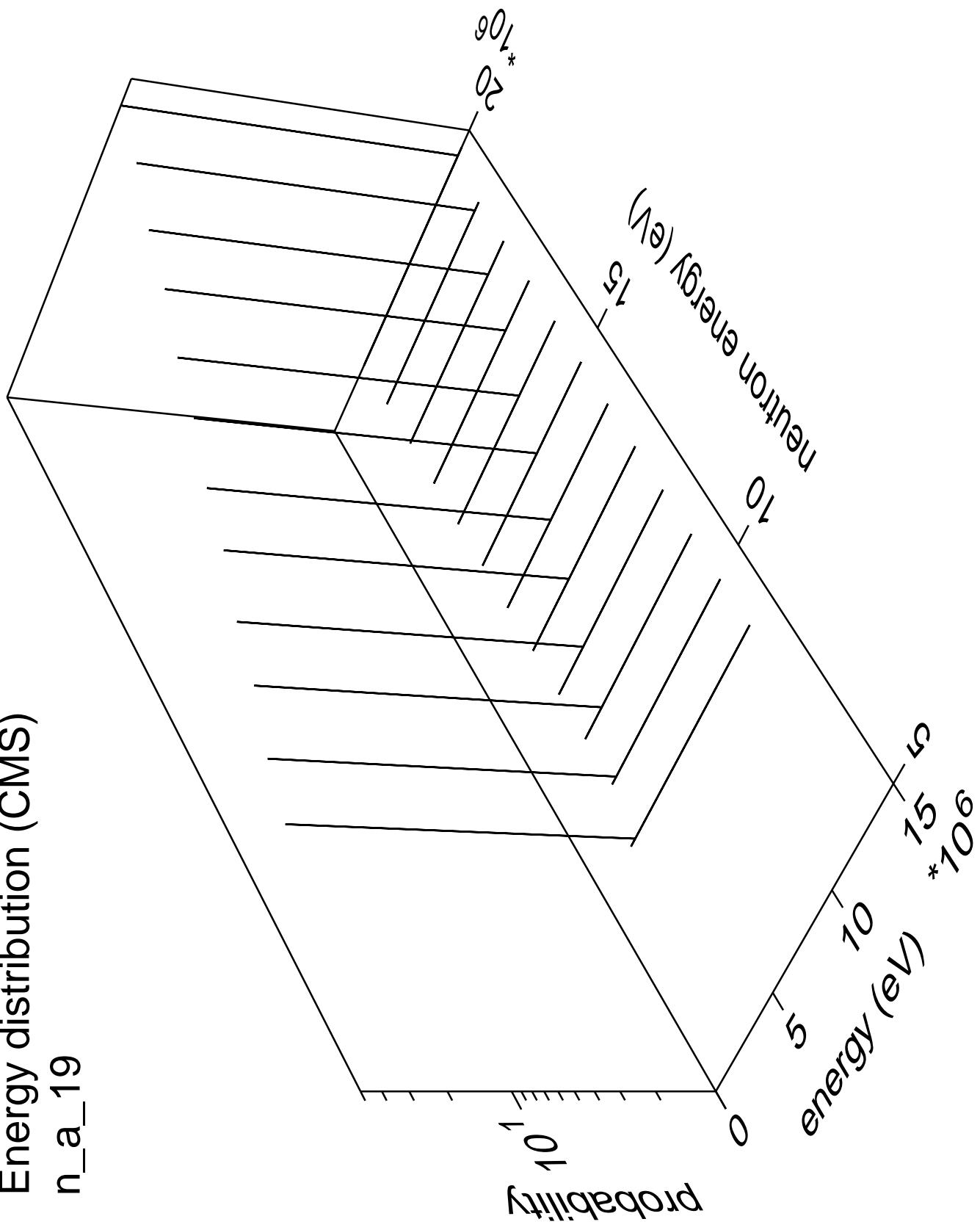


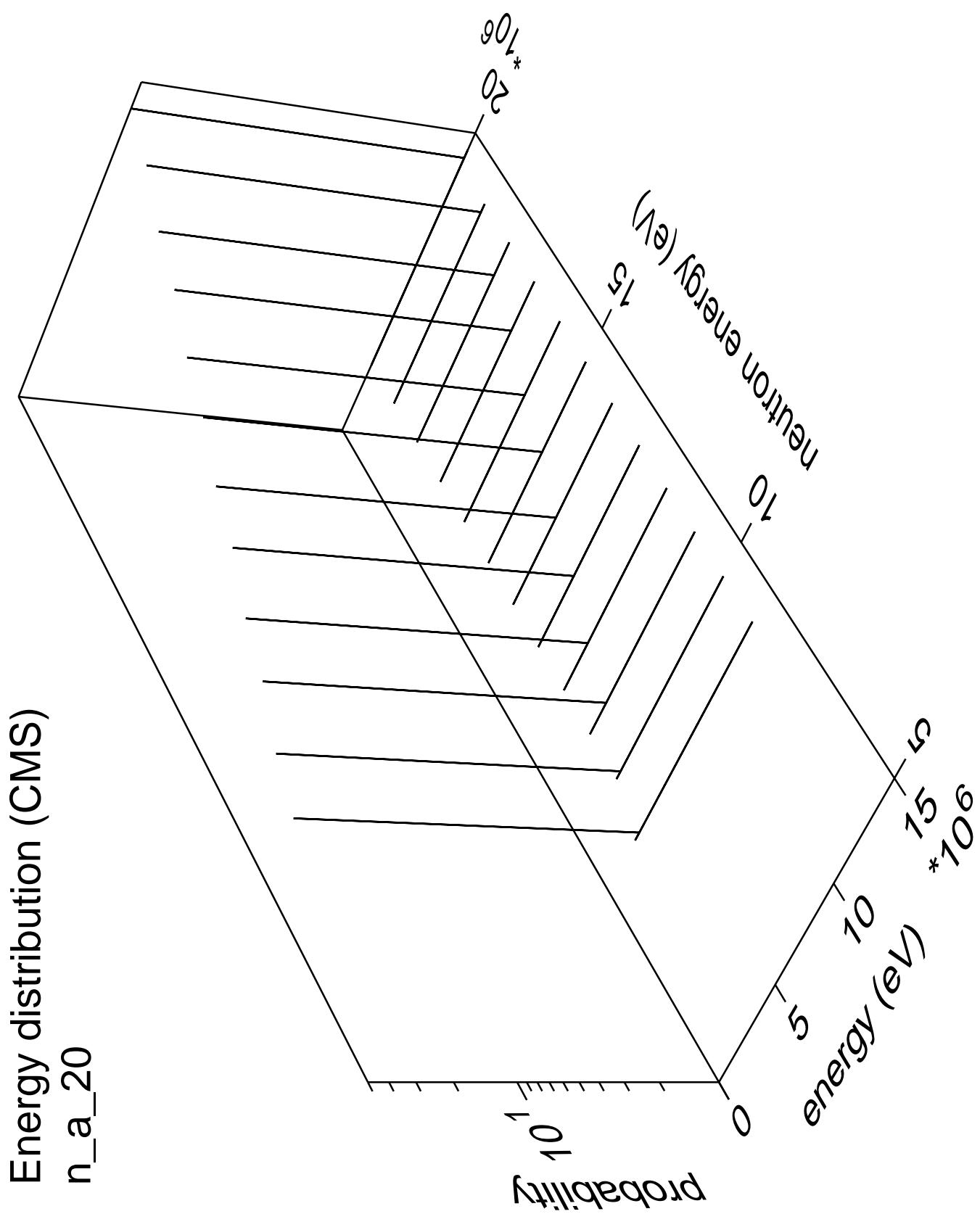
Energy distribution (CMS)  
n\_a\_18 part.=gamma

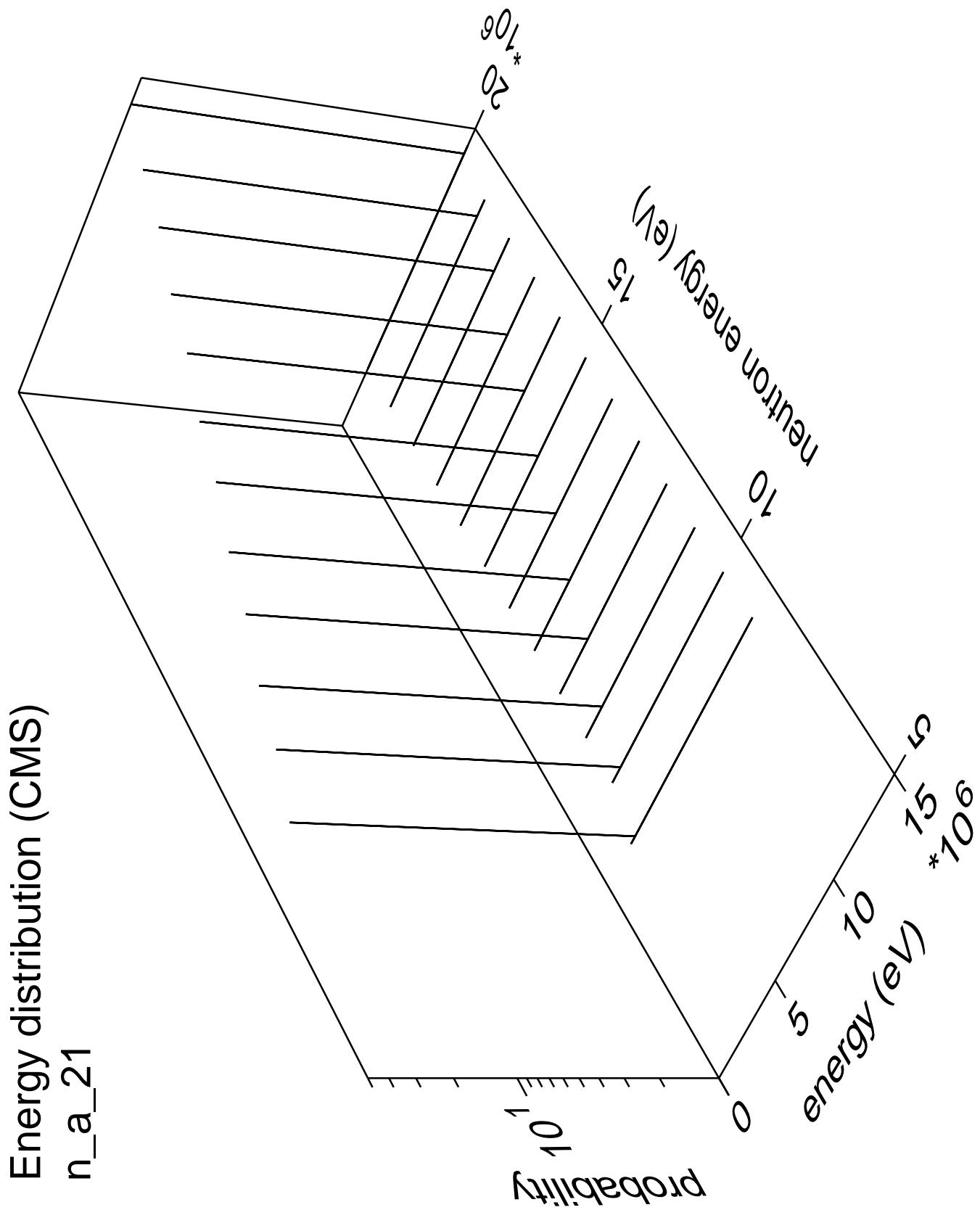


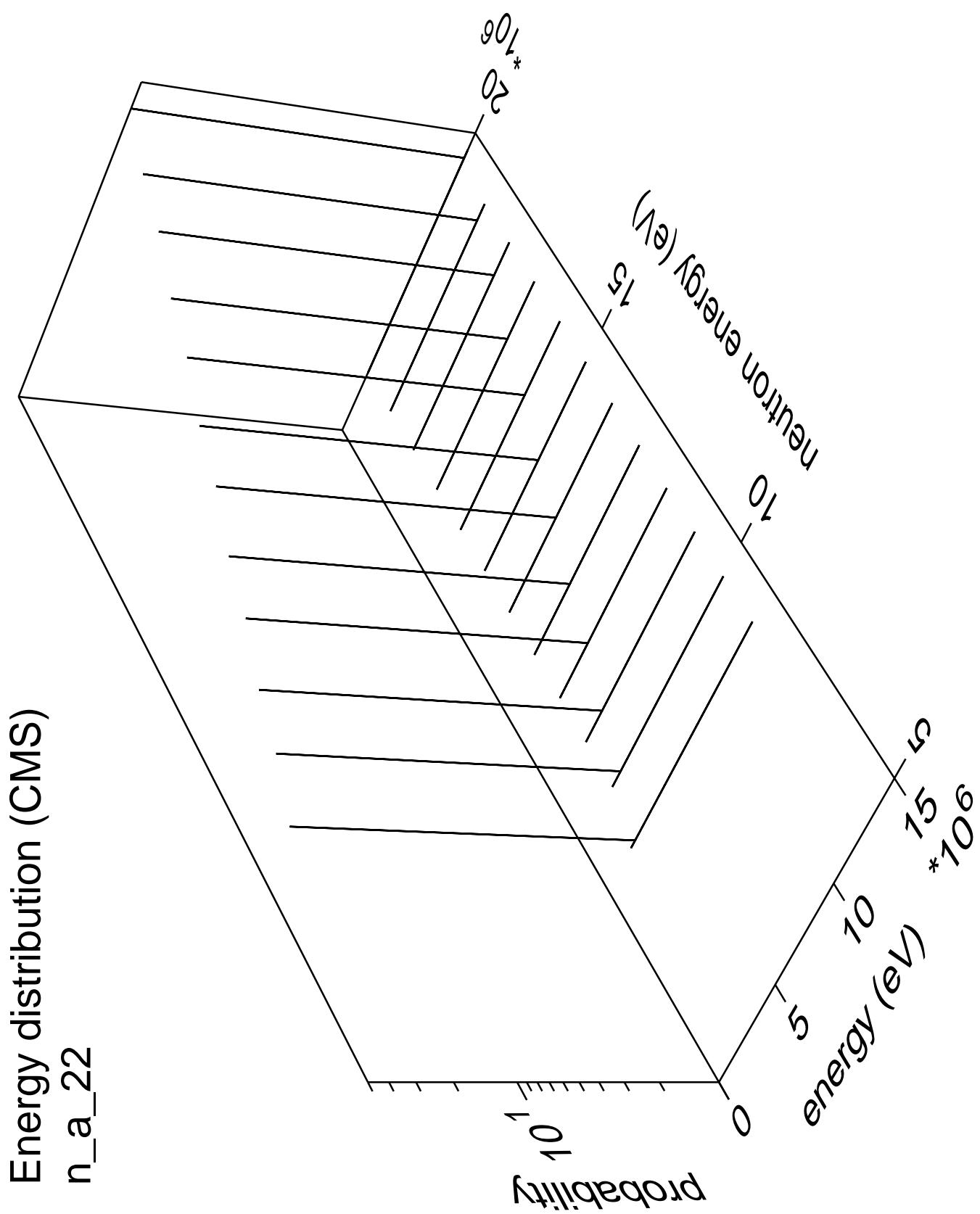
# n\_a\_19

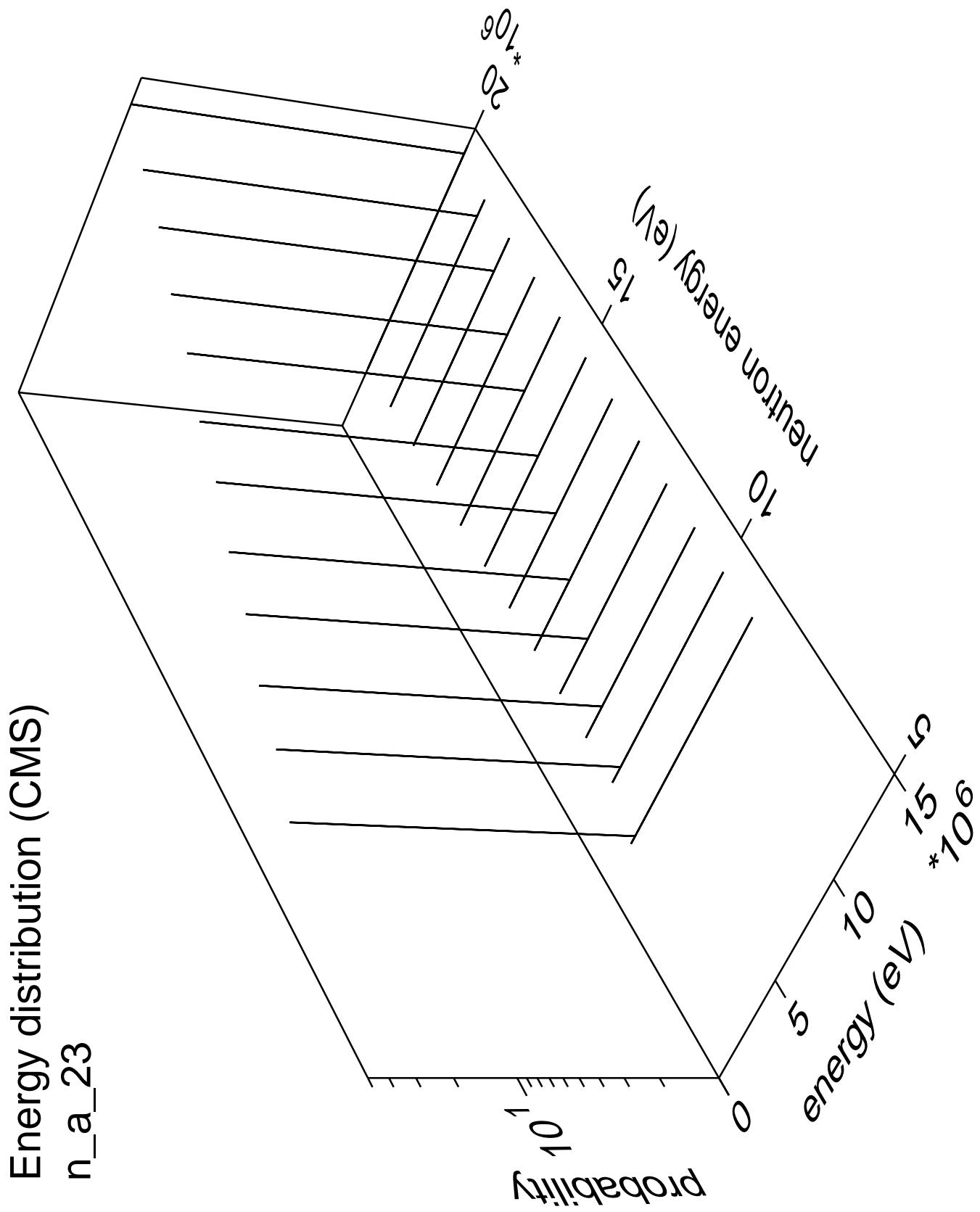
## Energy distribution (CMS)

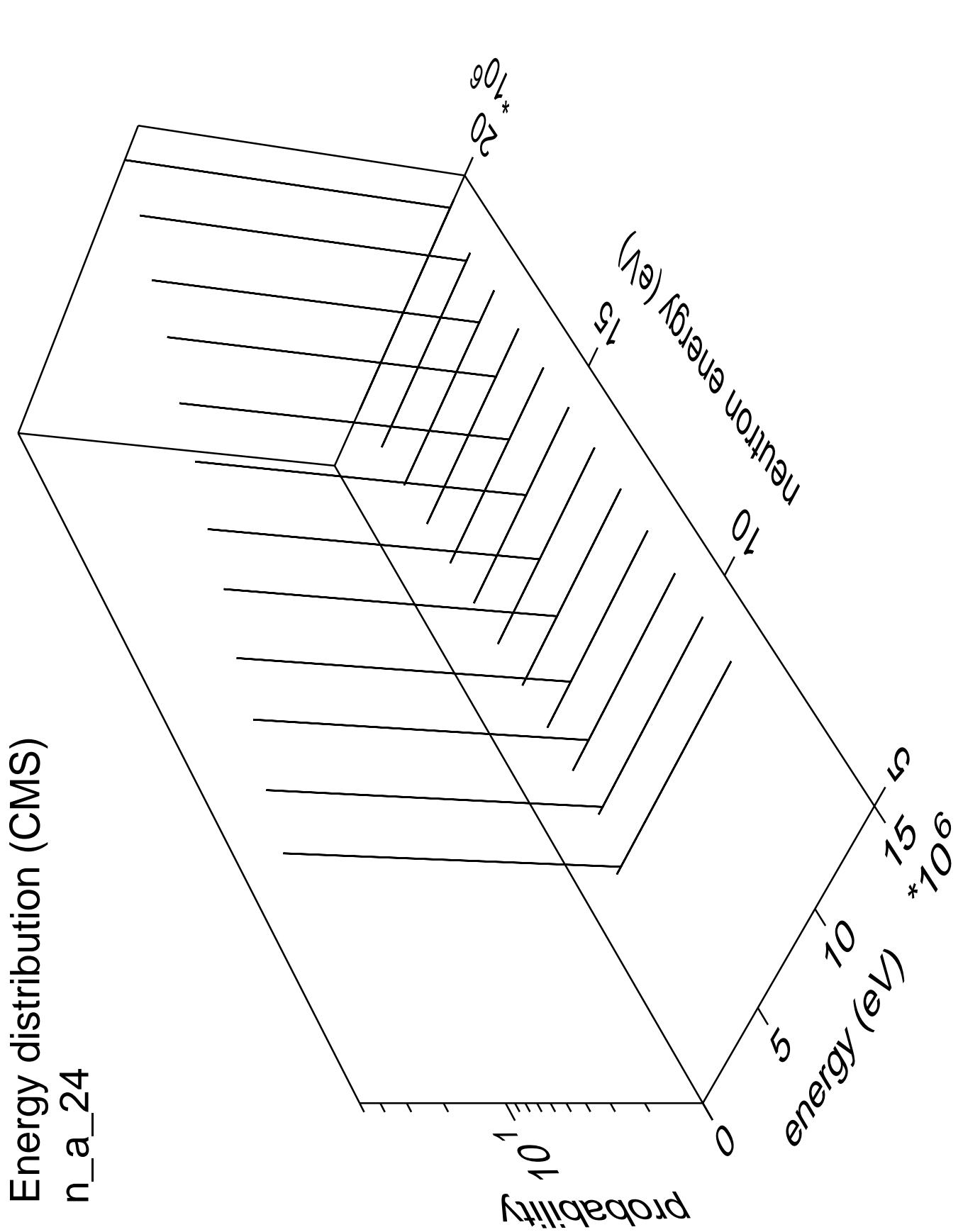


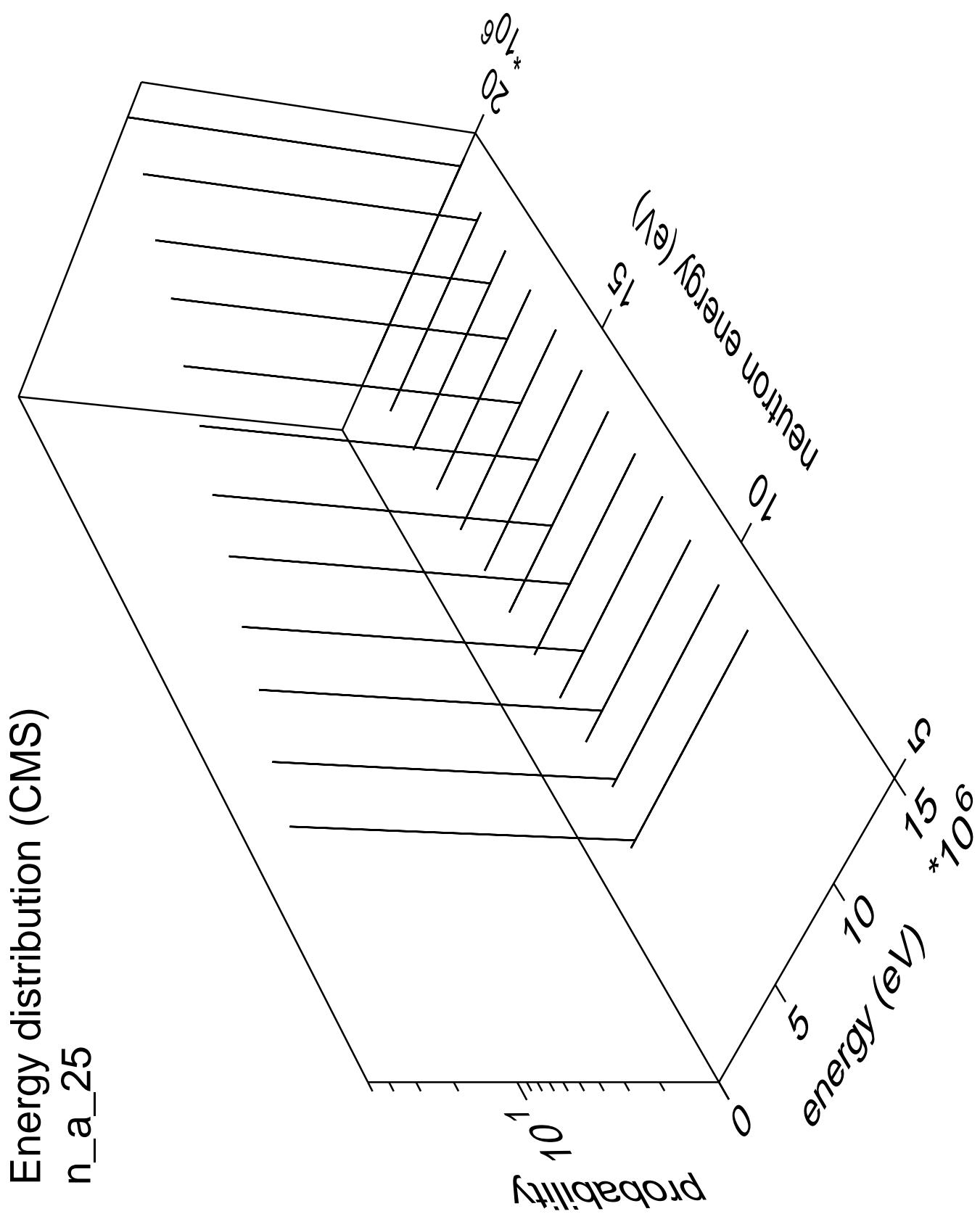


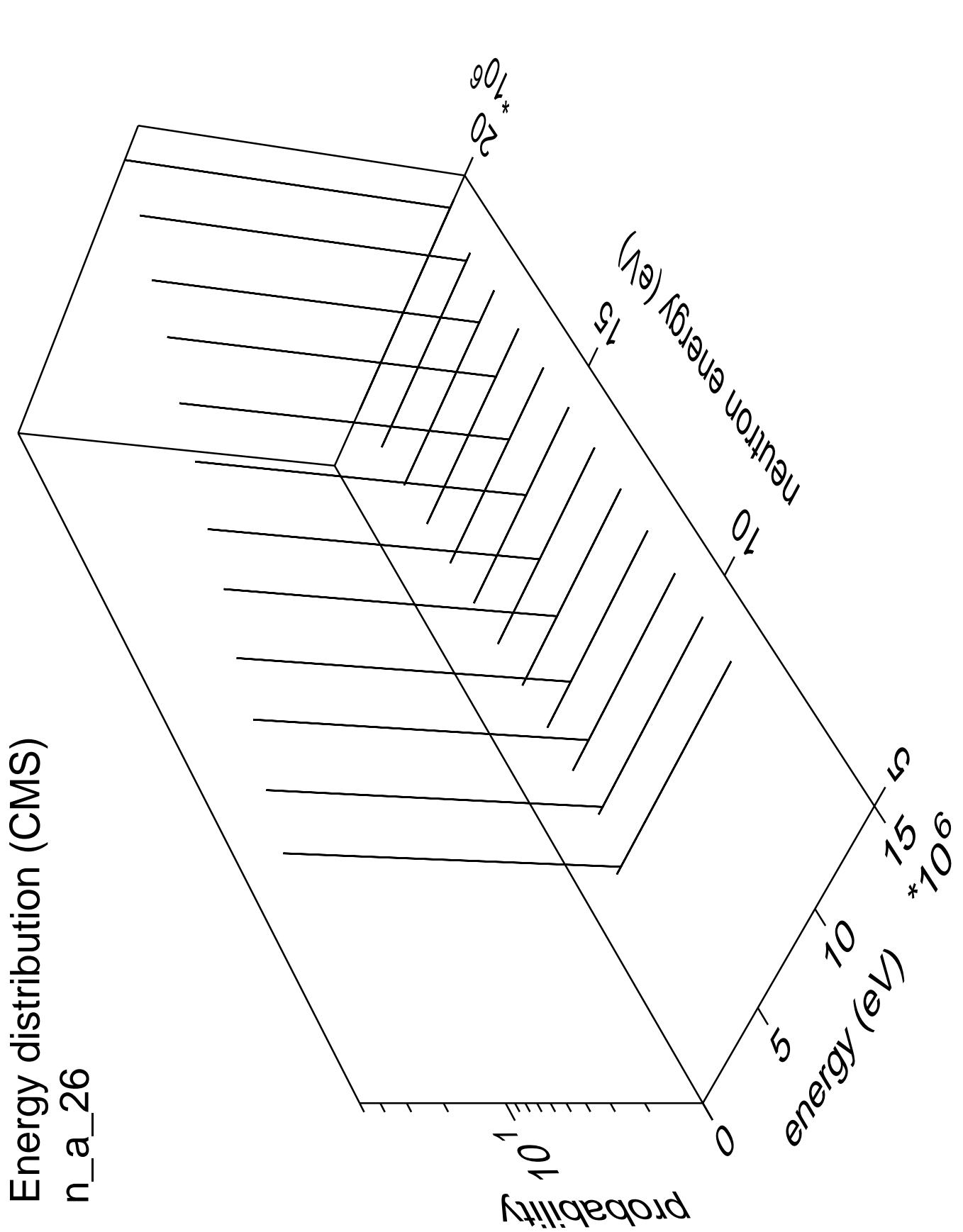


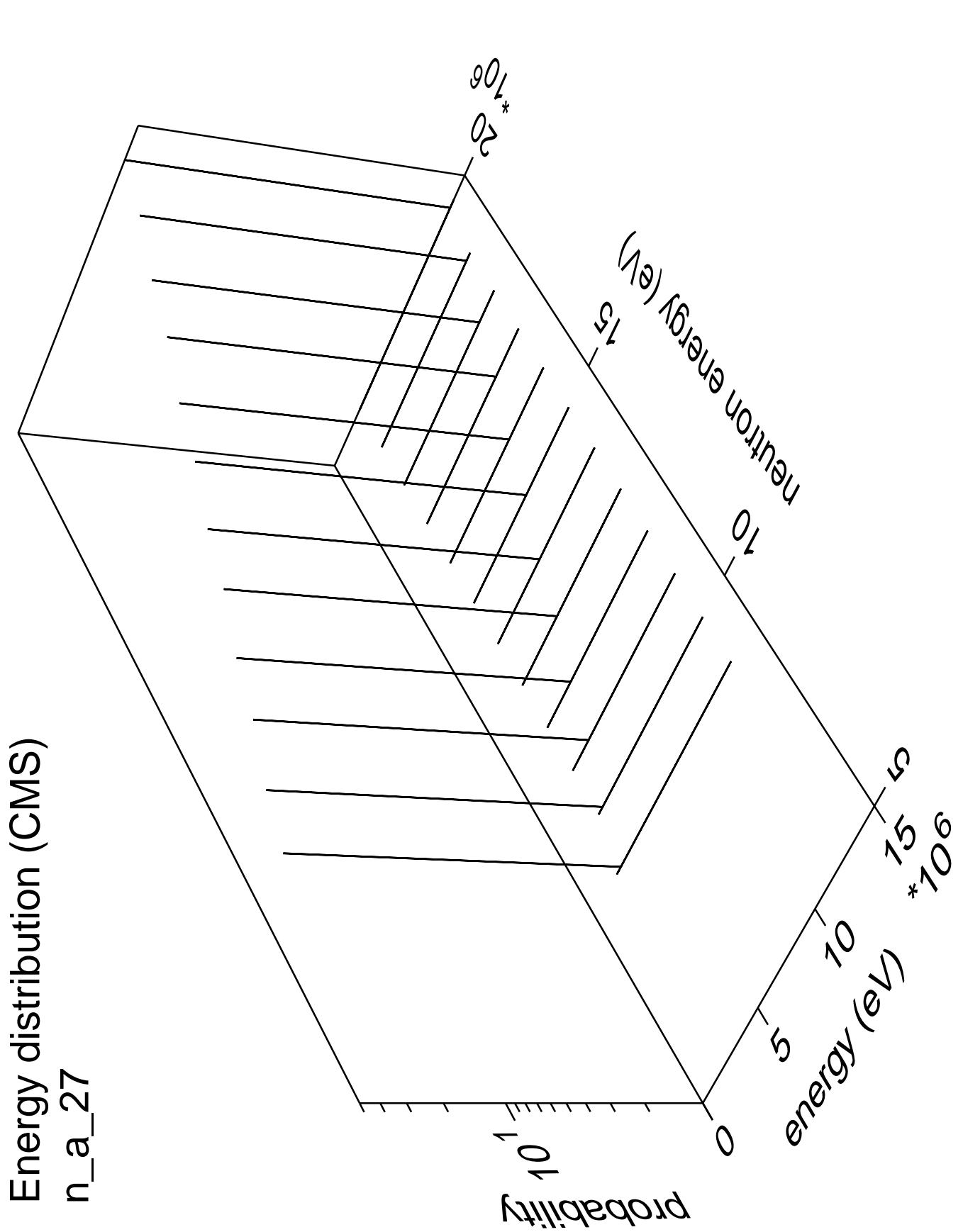


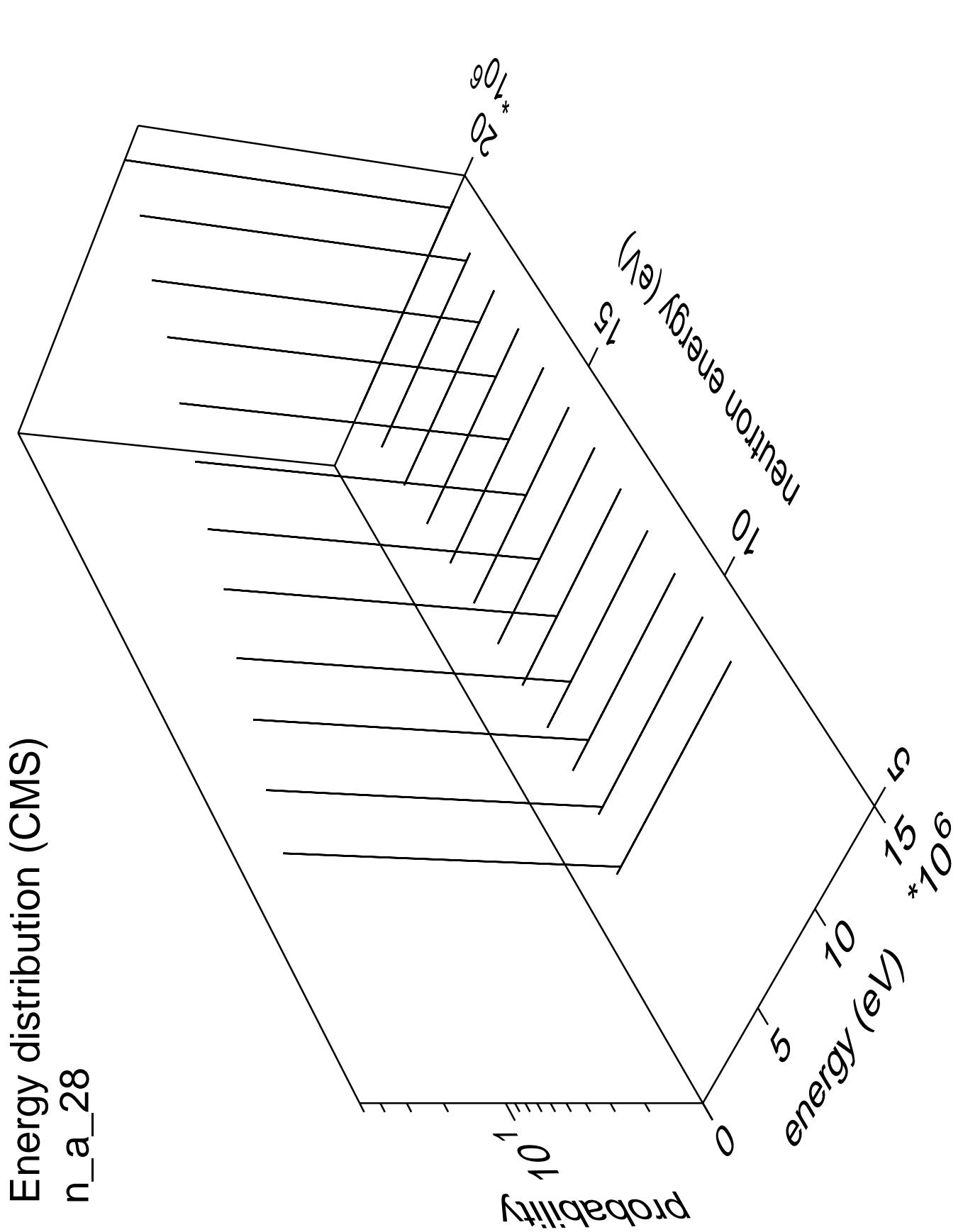


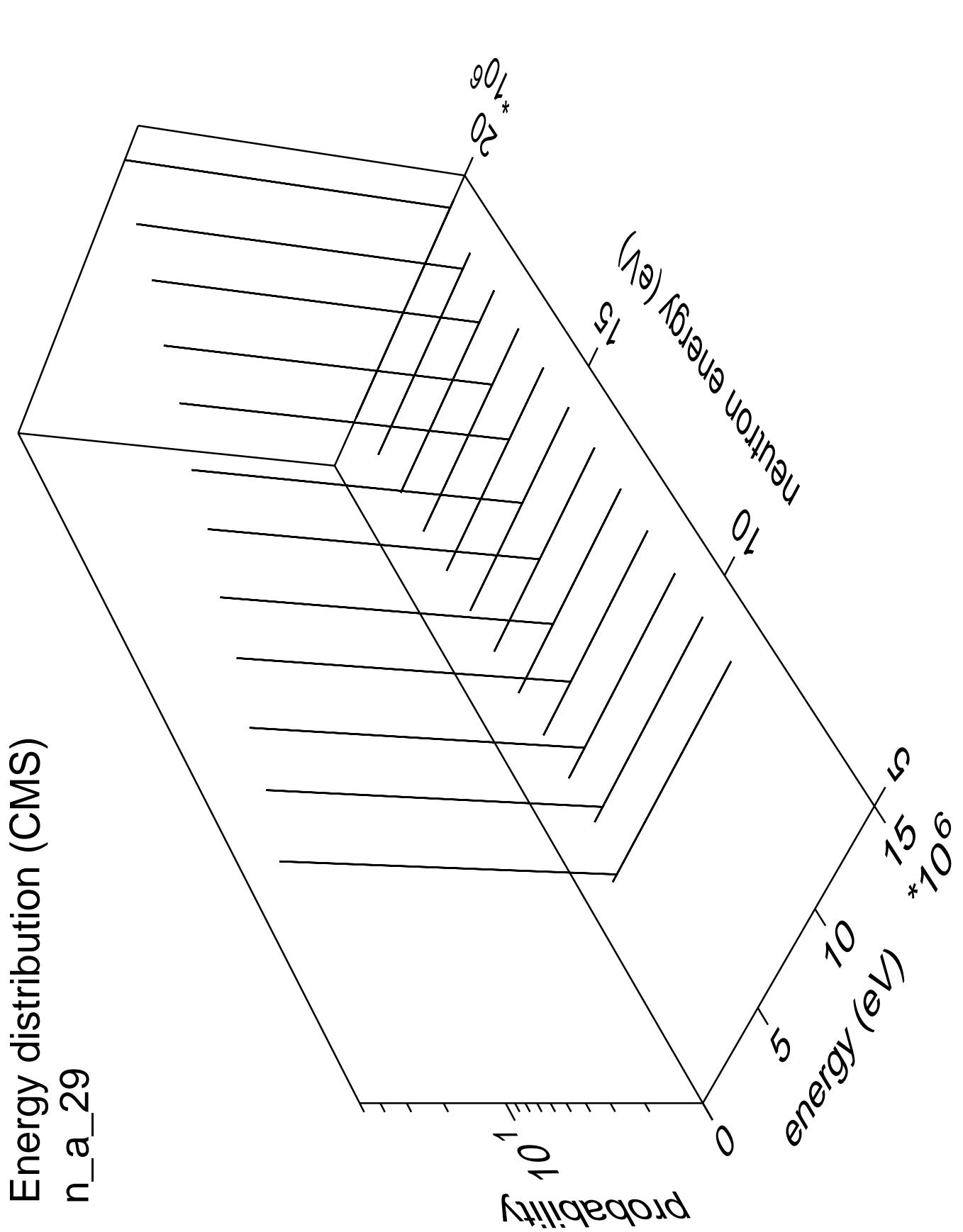




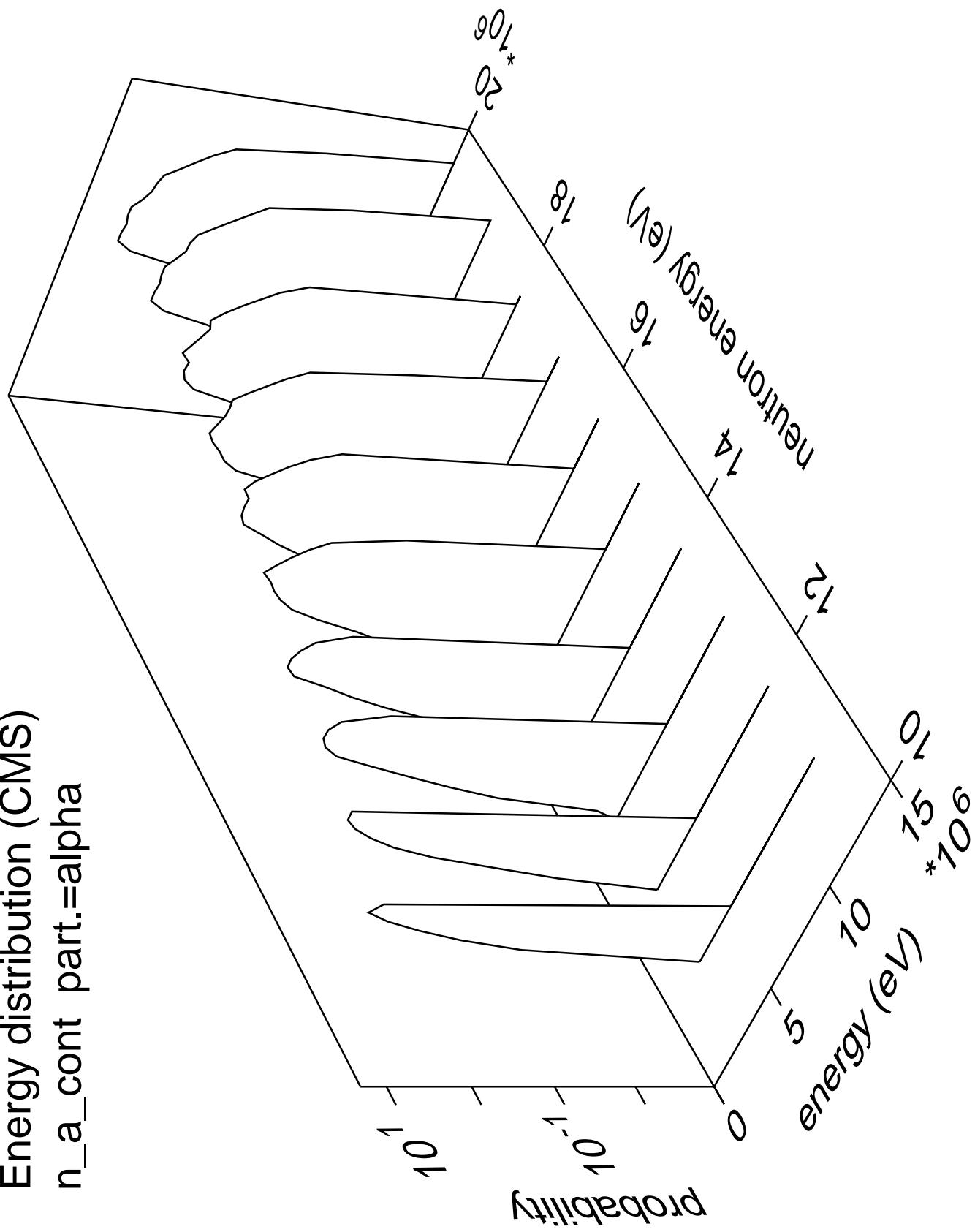








Energy distribution (CMS)  
 $n_a$ \_cont part.=alpha



Energy distribution (CMS)  
n\_a\_cont part.=gamma

