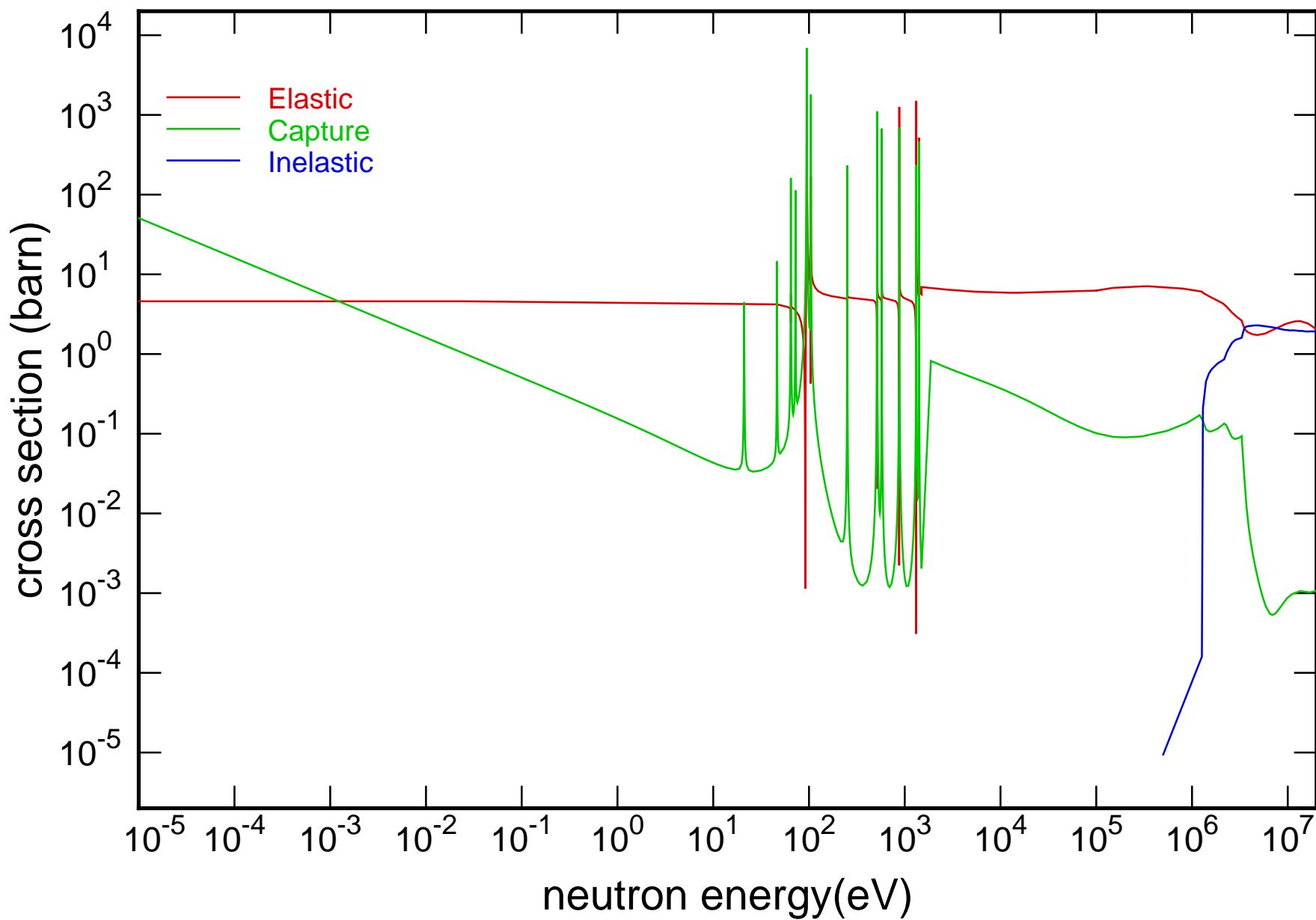
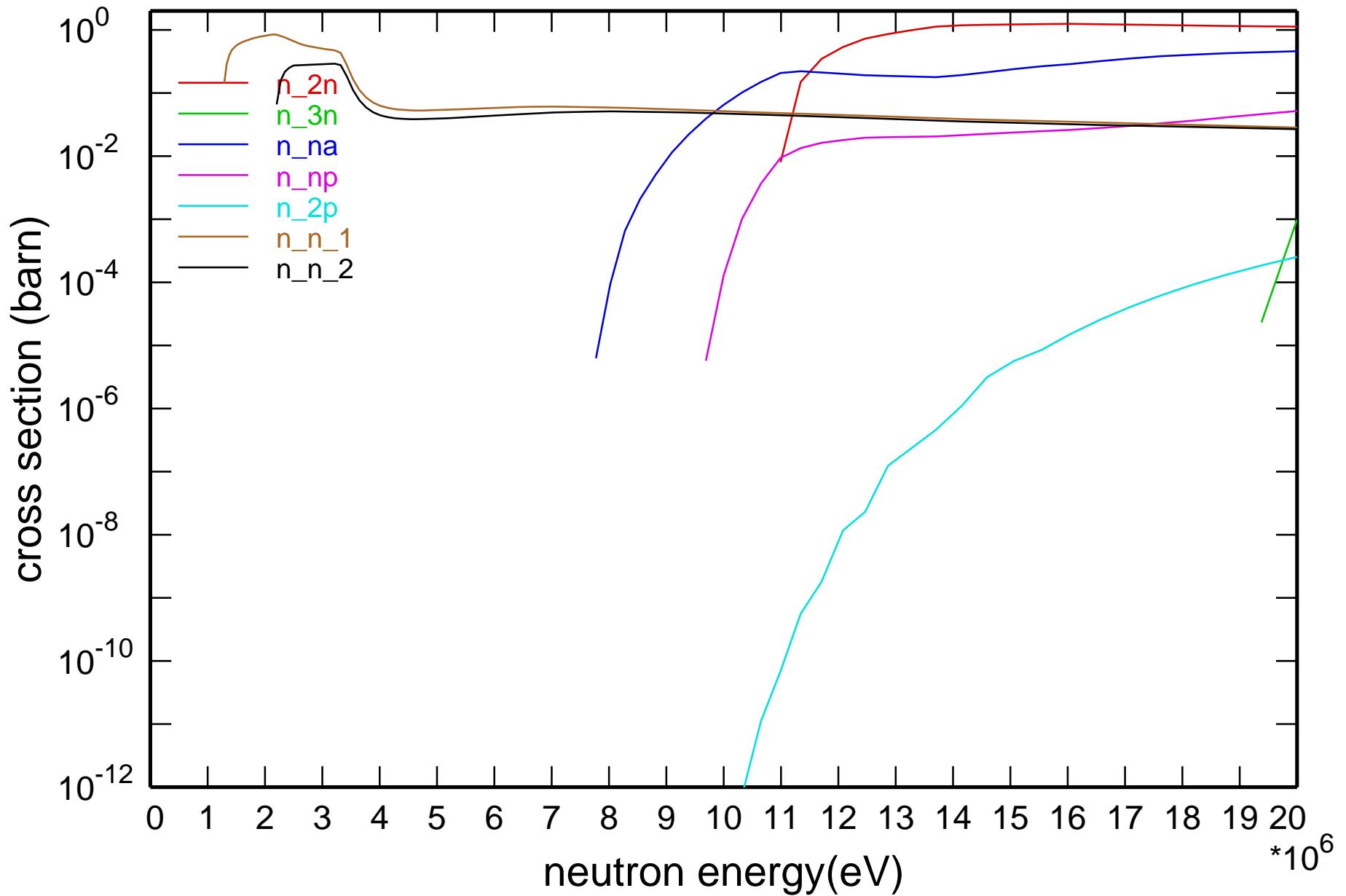


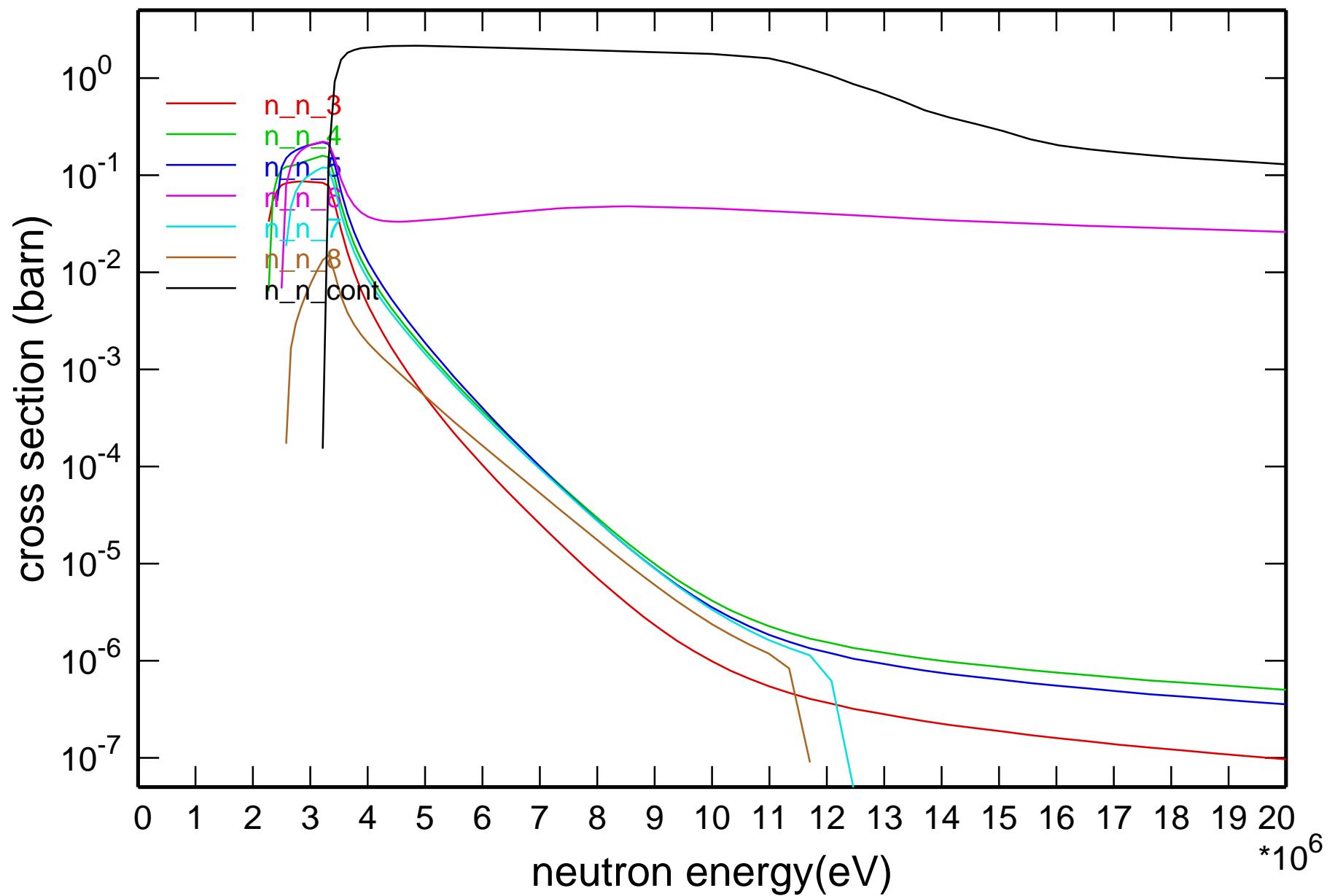
## Main Cross Sections



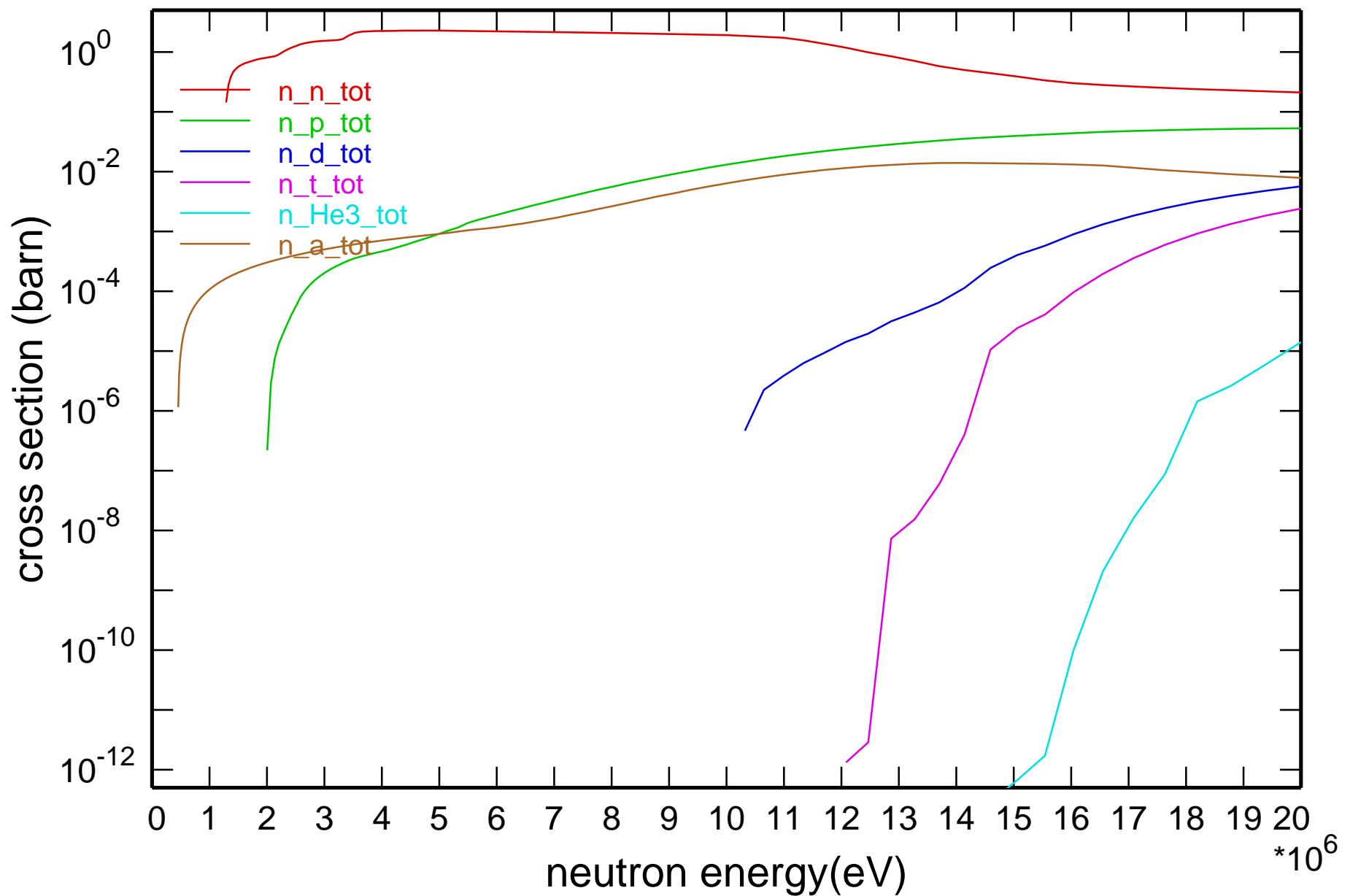
# Cross Section

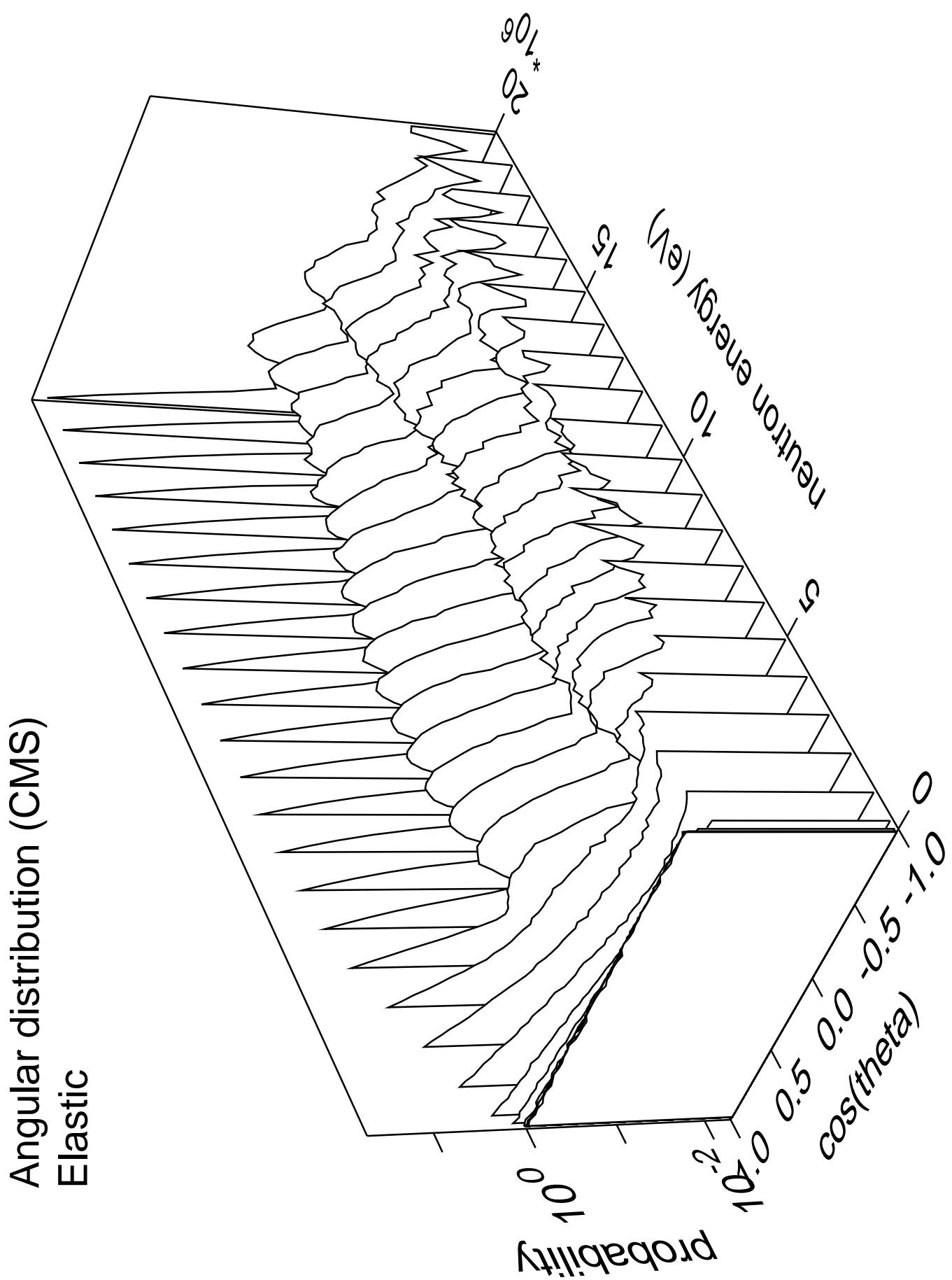


# Cross Section

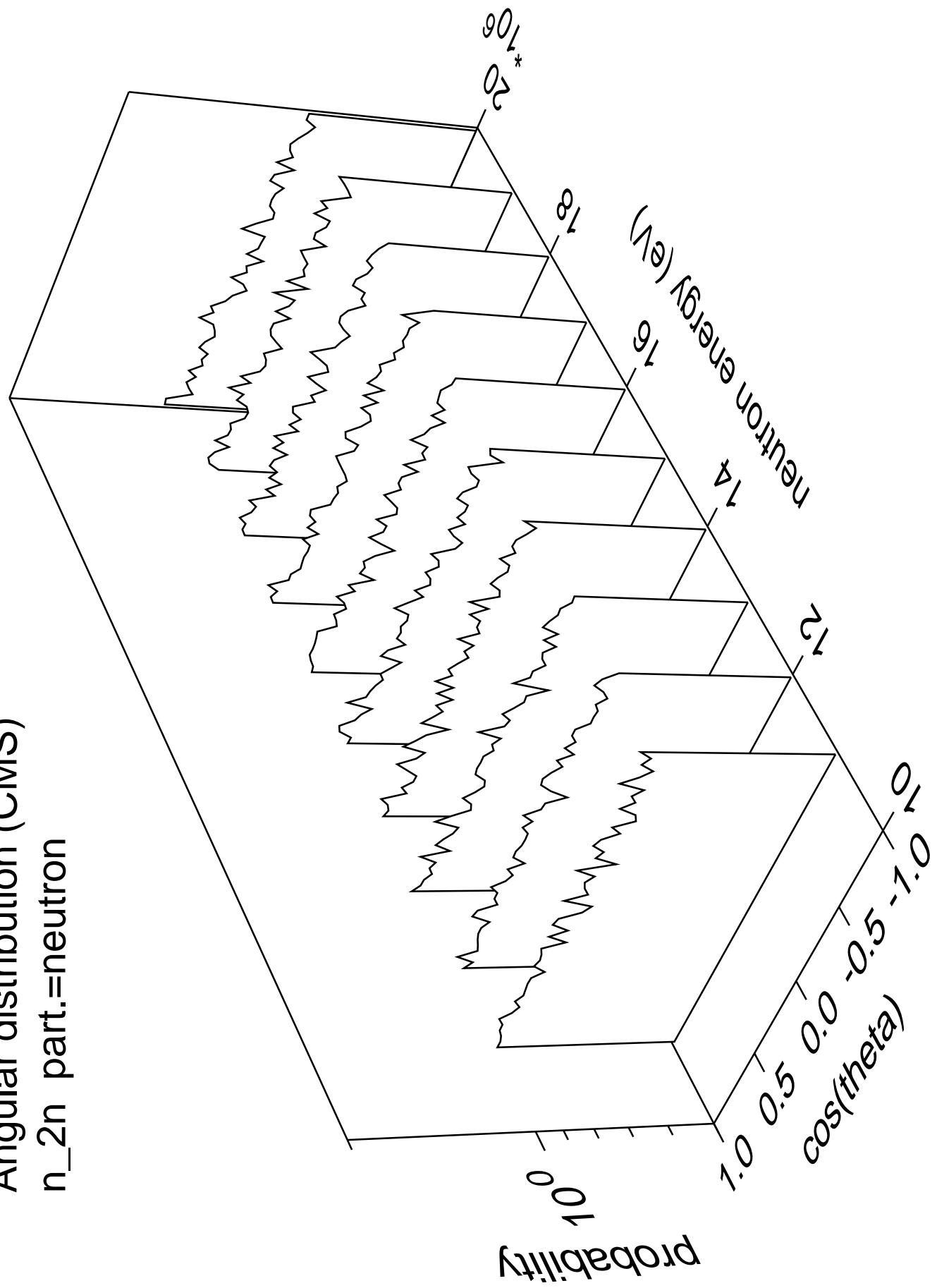


# Cross Section

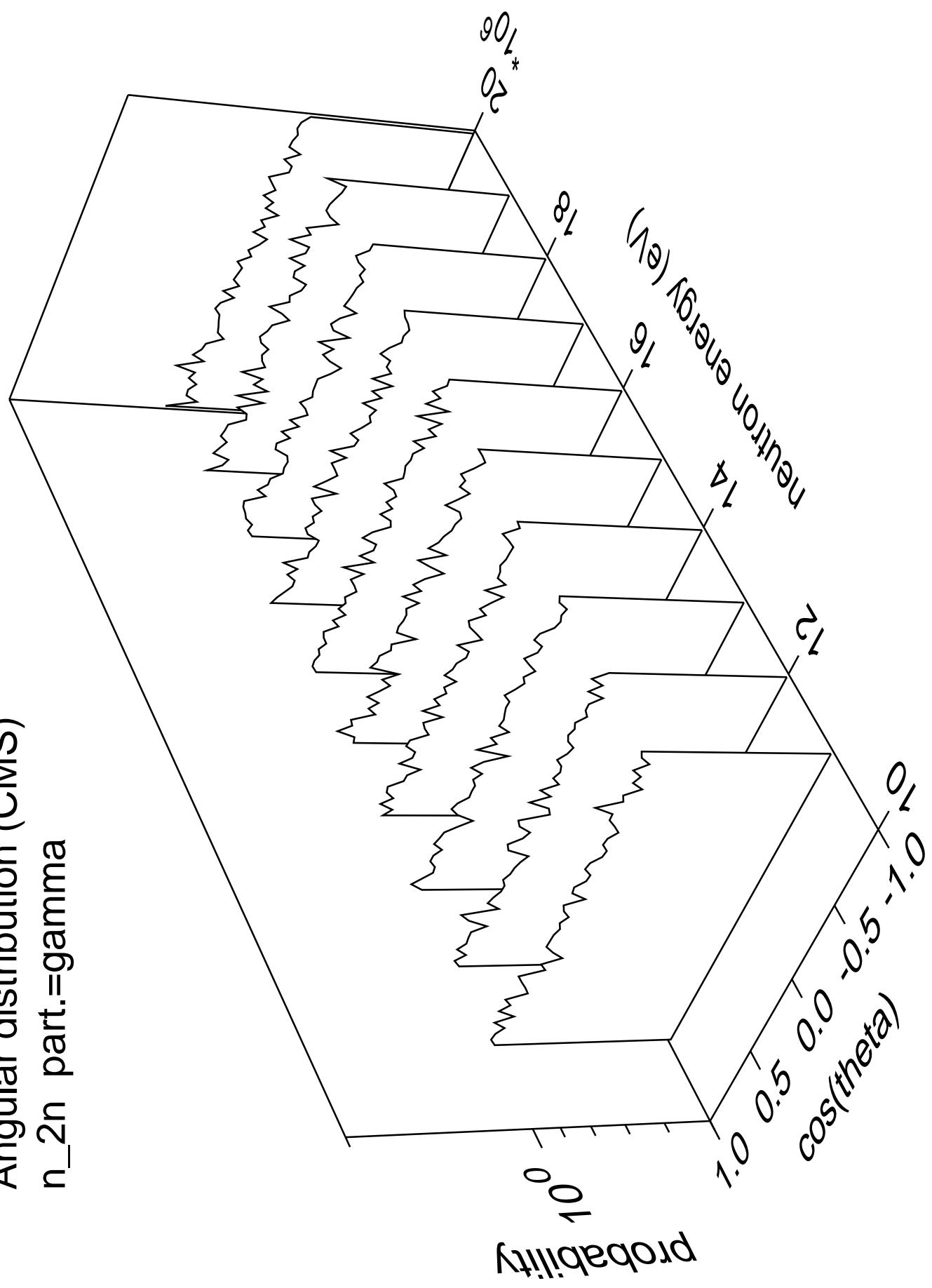




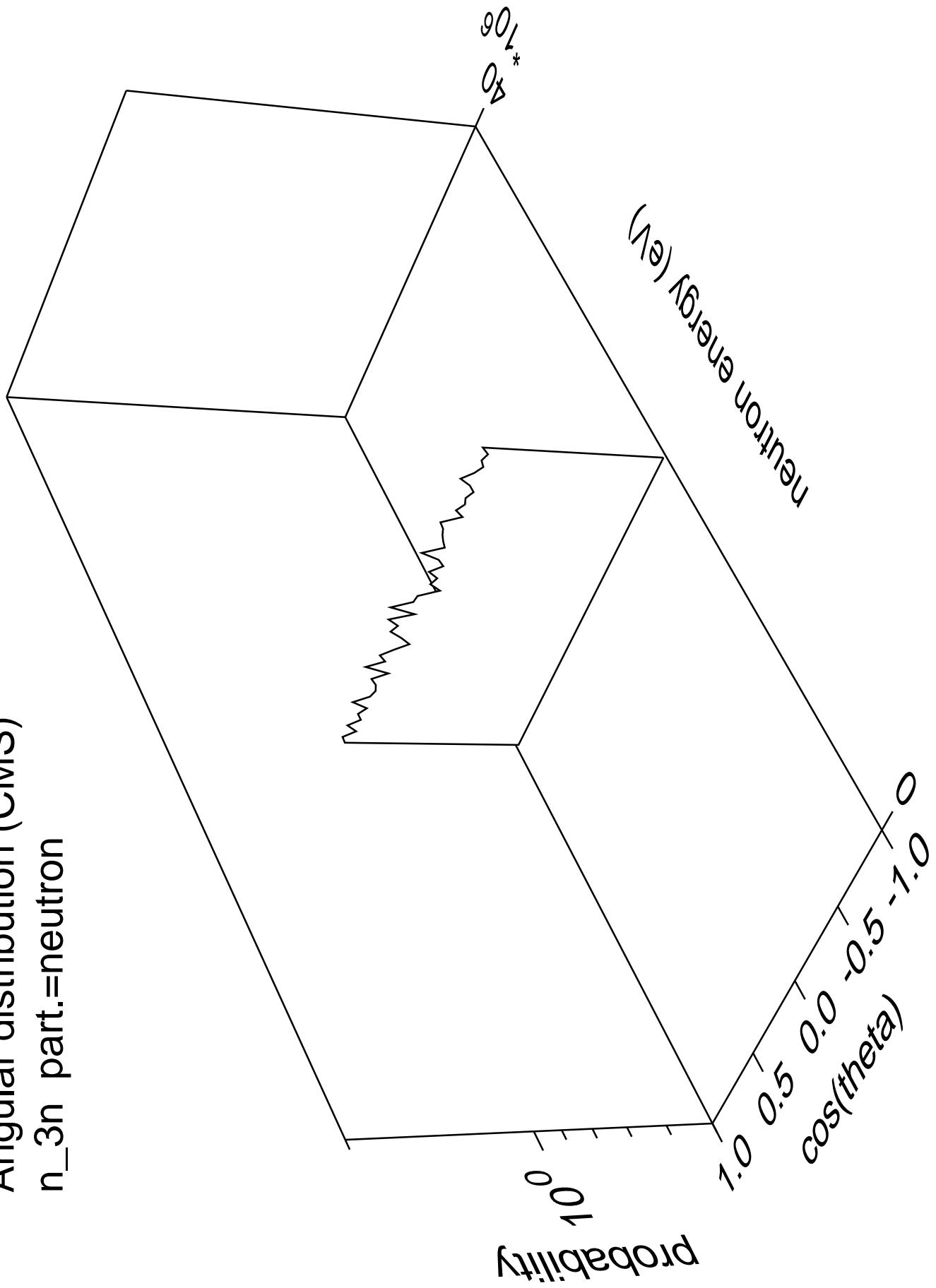
Angular distribution (CMS)  
 $n_{2n}$  part.=neutron



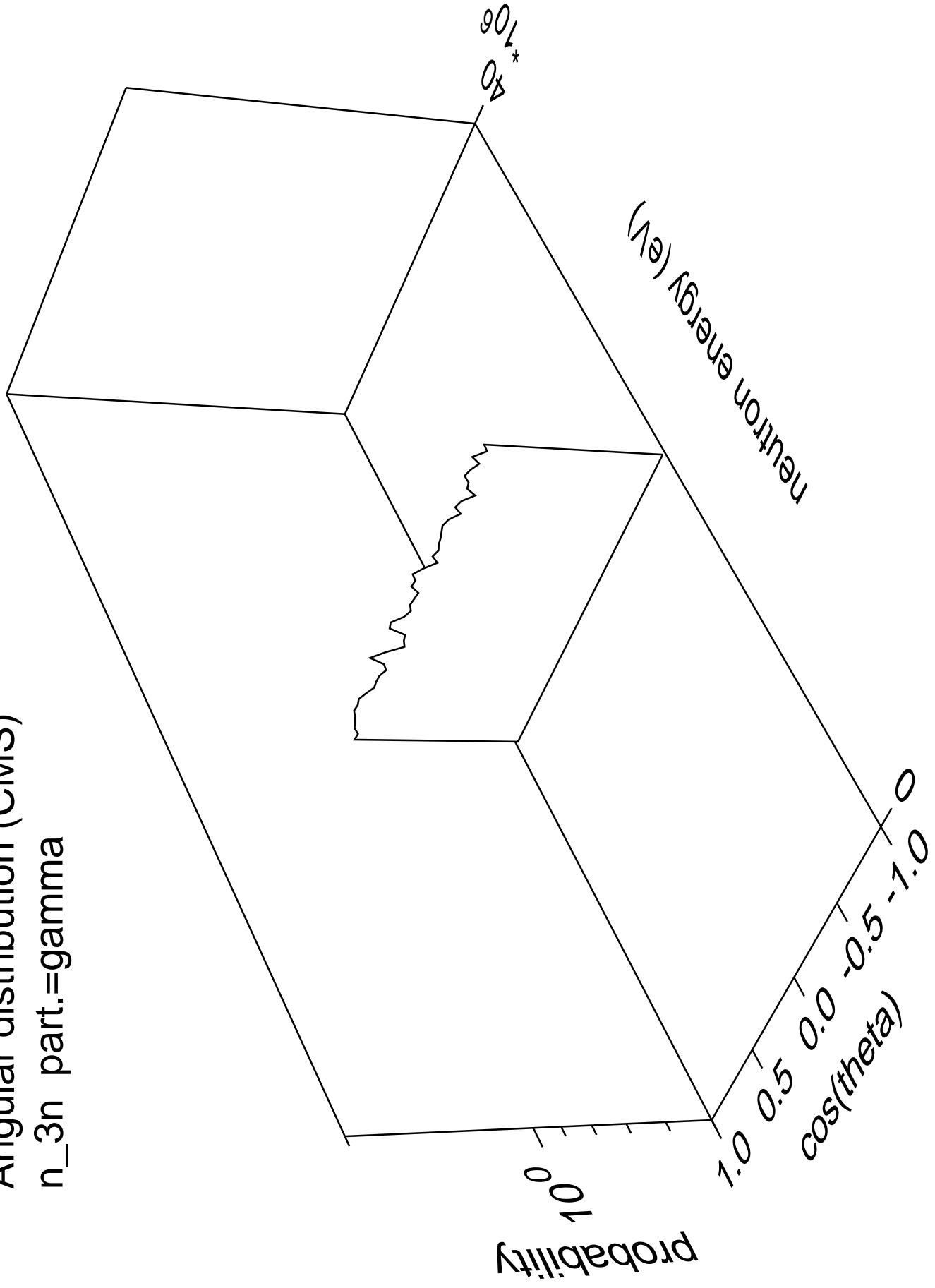
Angular distribution (CMS)  
 $n_{2n}$  part.=gamma



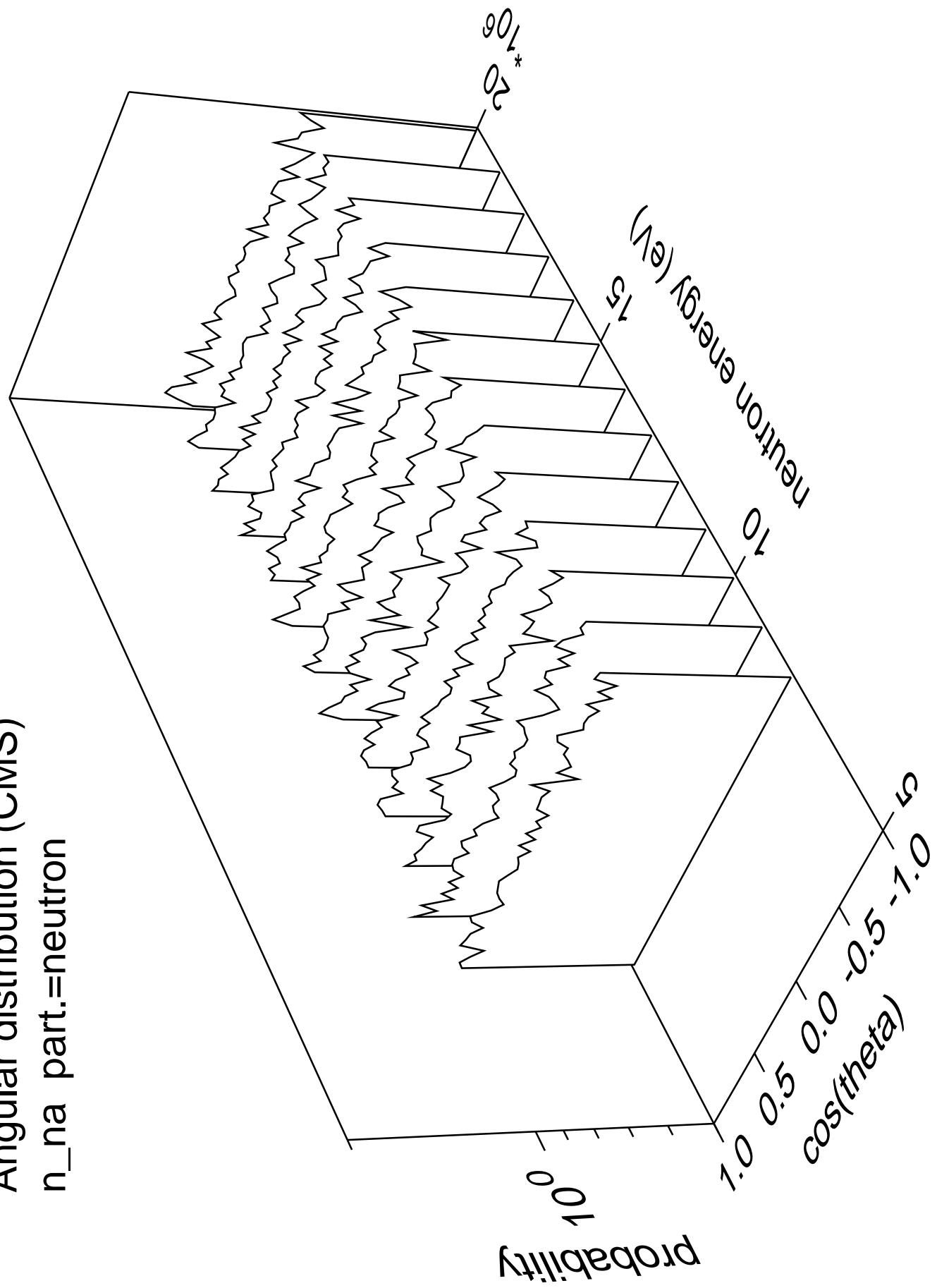
Angular distribution (CMS)  
 $n_{3n}$  part.=neutron



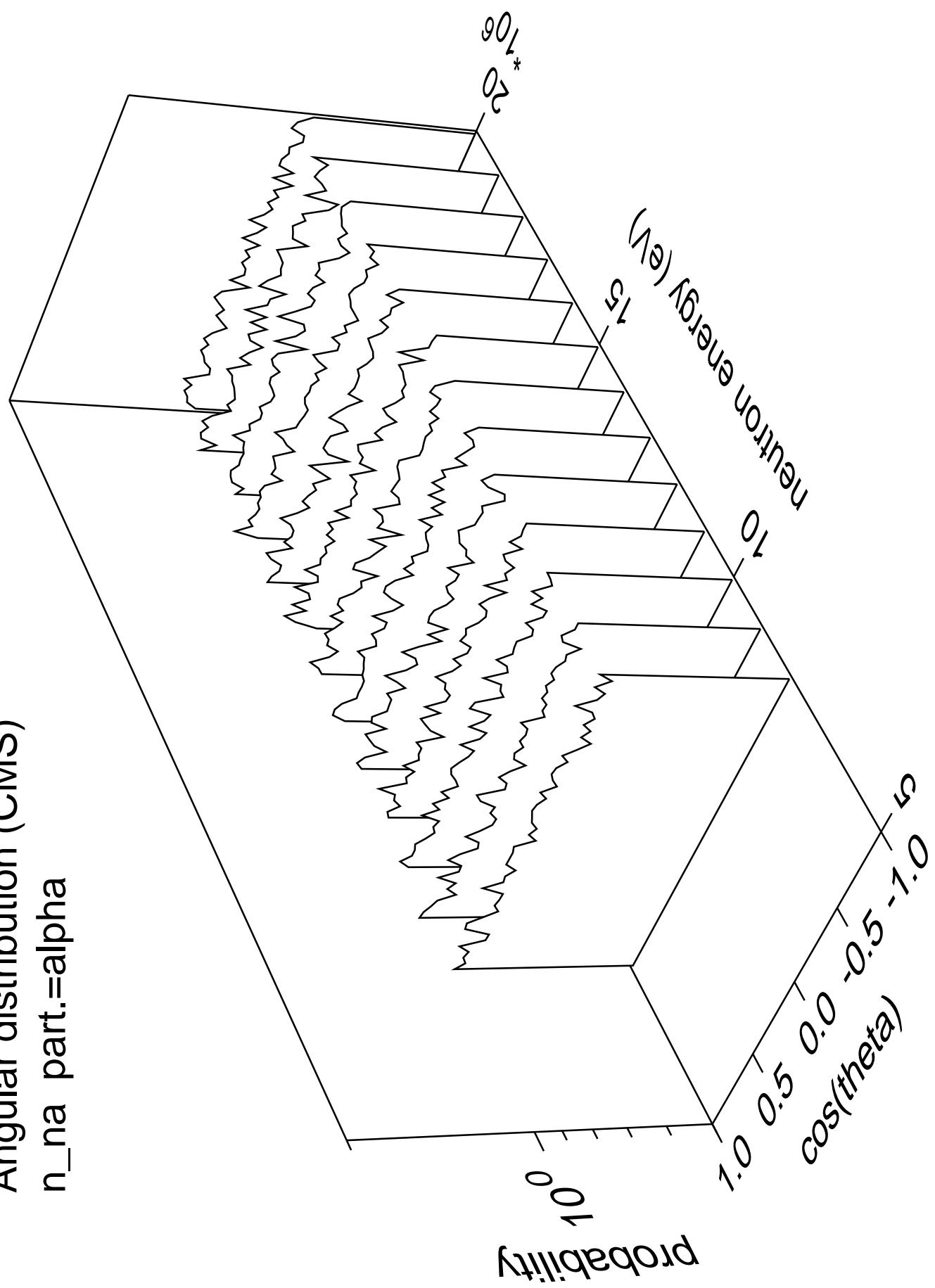
Angular distribution (CMS)  
 $n_{3n}$  part.=gamma



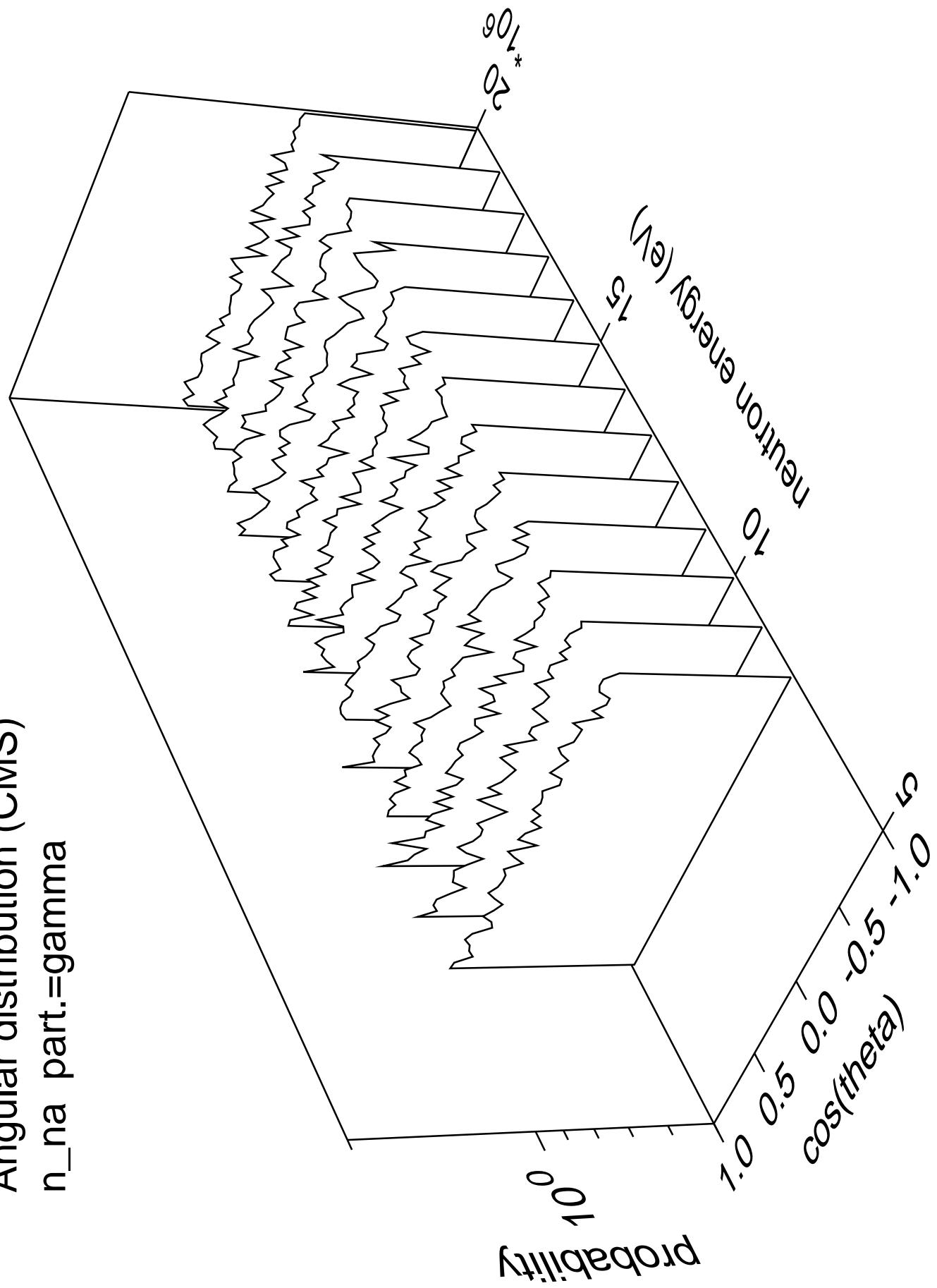
Angular distribution (CMS)  
 $n_{na}$  part.=neutron



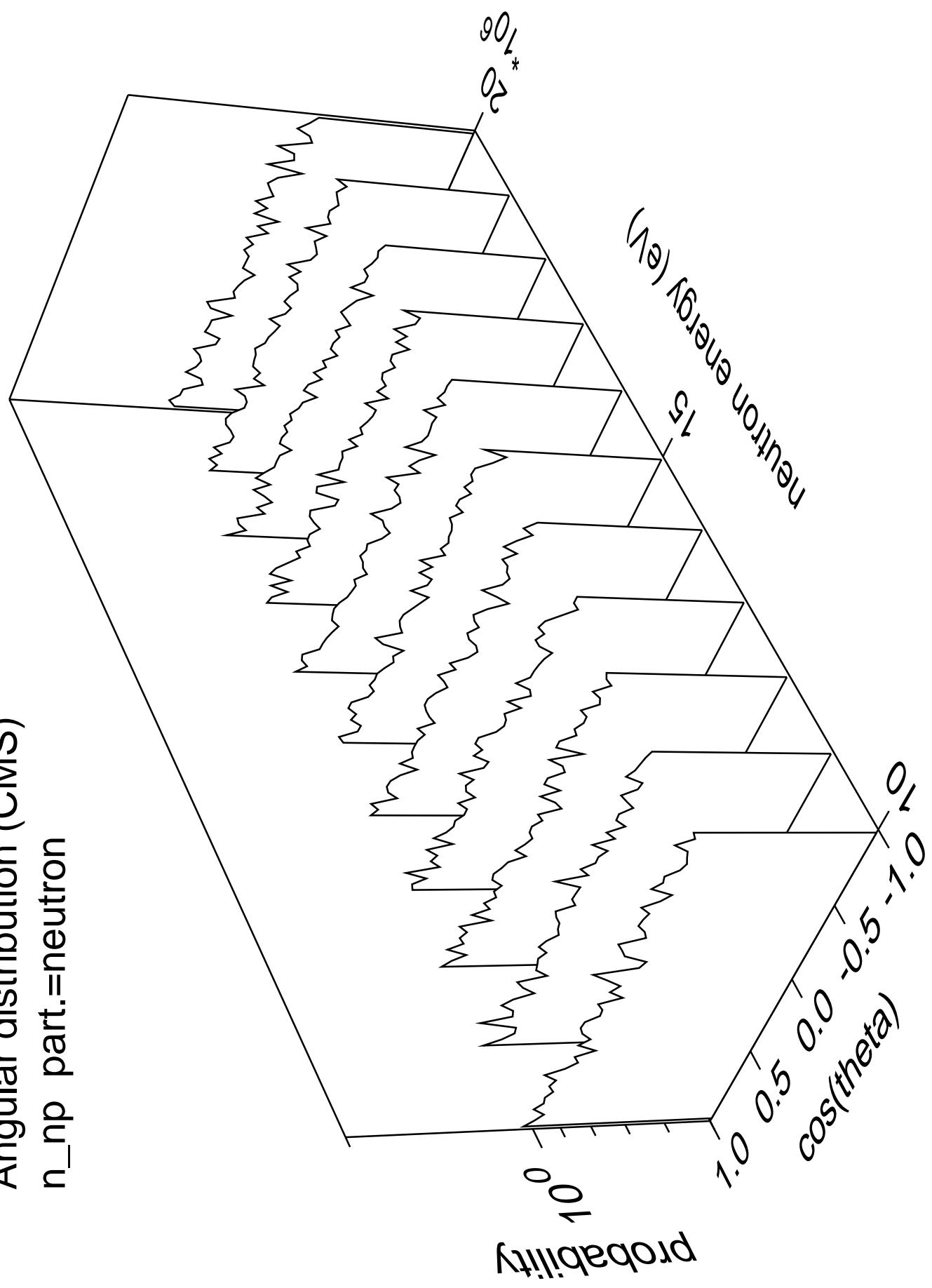
Angular distribution (CMS)  
 $n_{\text{na}}$  part.=alpha



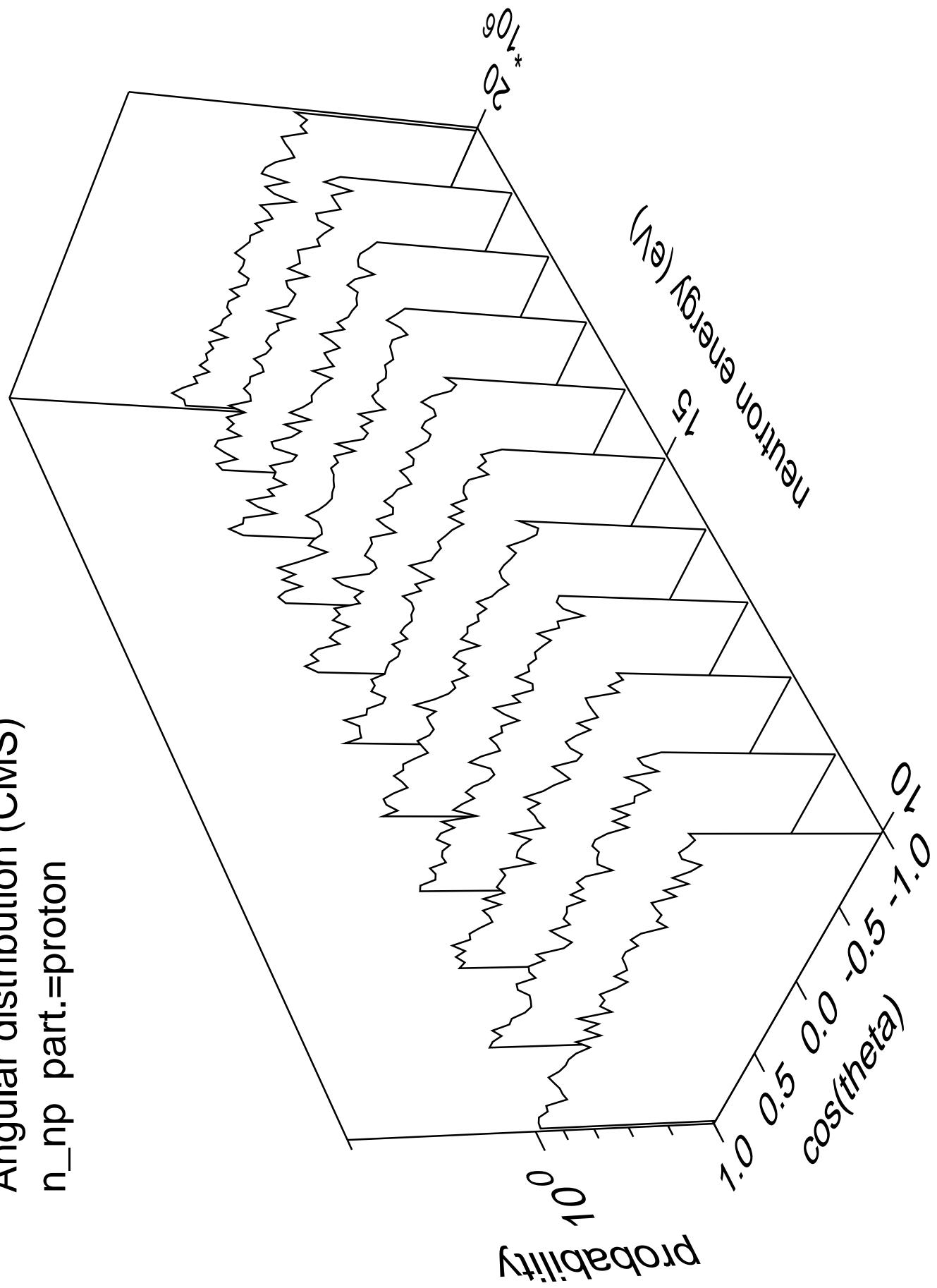
Angular distribution (CMS)  
 $n_{\text{na}}$  part.=gamma



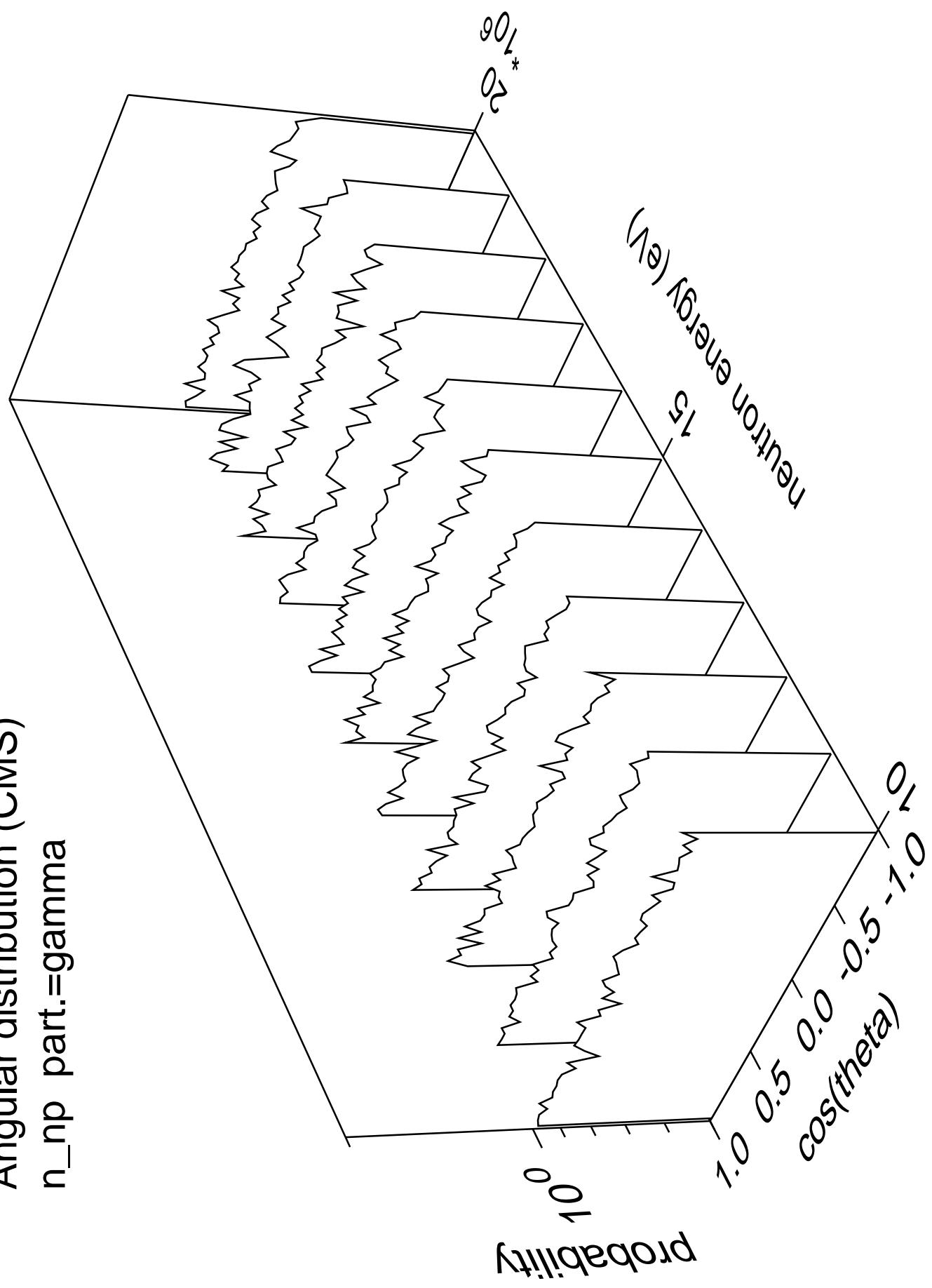
Angular distribution (CMS)  
 $n_{np}$  part.=neutron



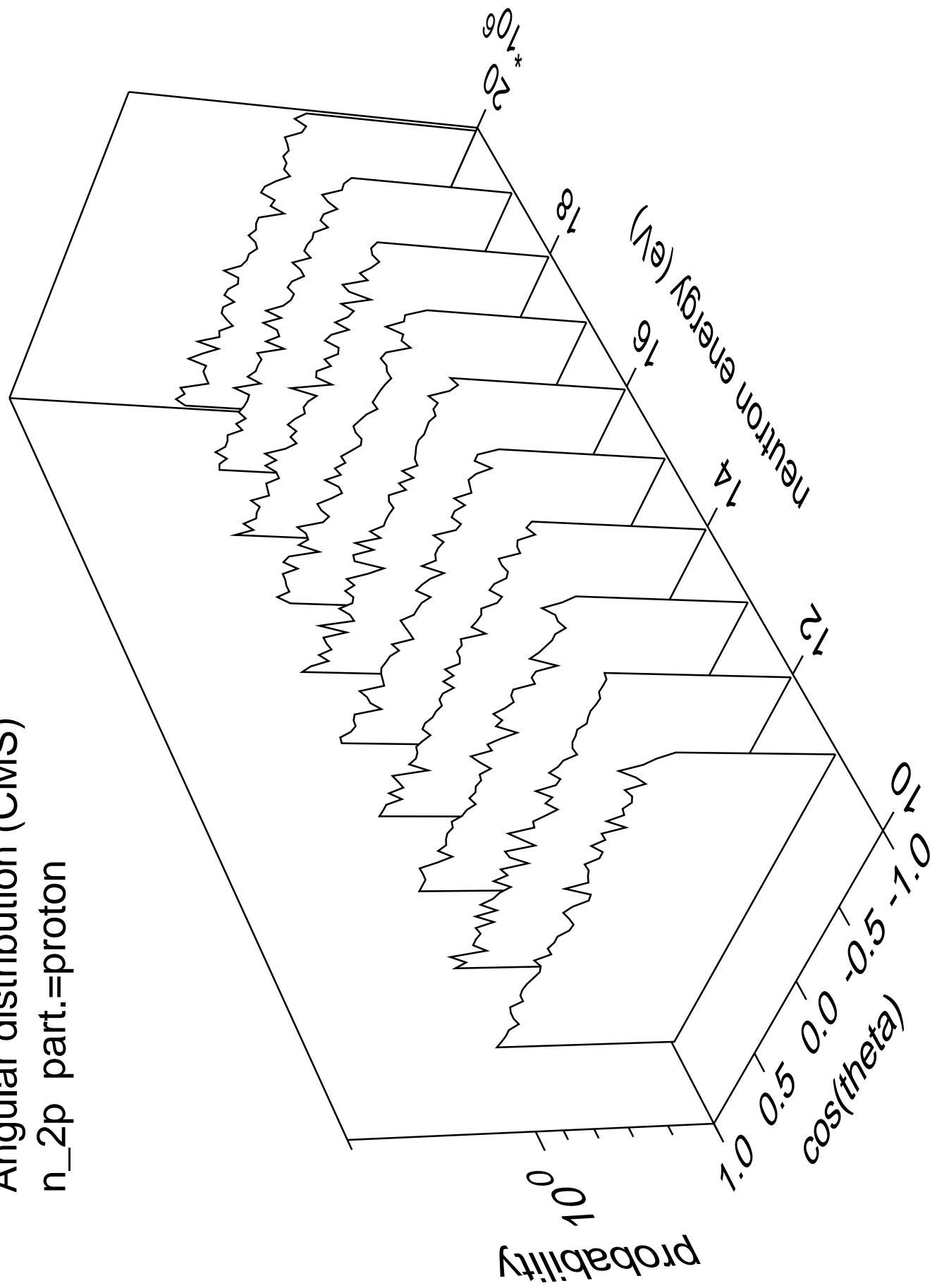
Angular distribution (CMS)  
 $n_{np}$  part.=proton



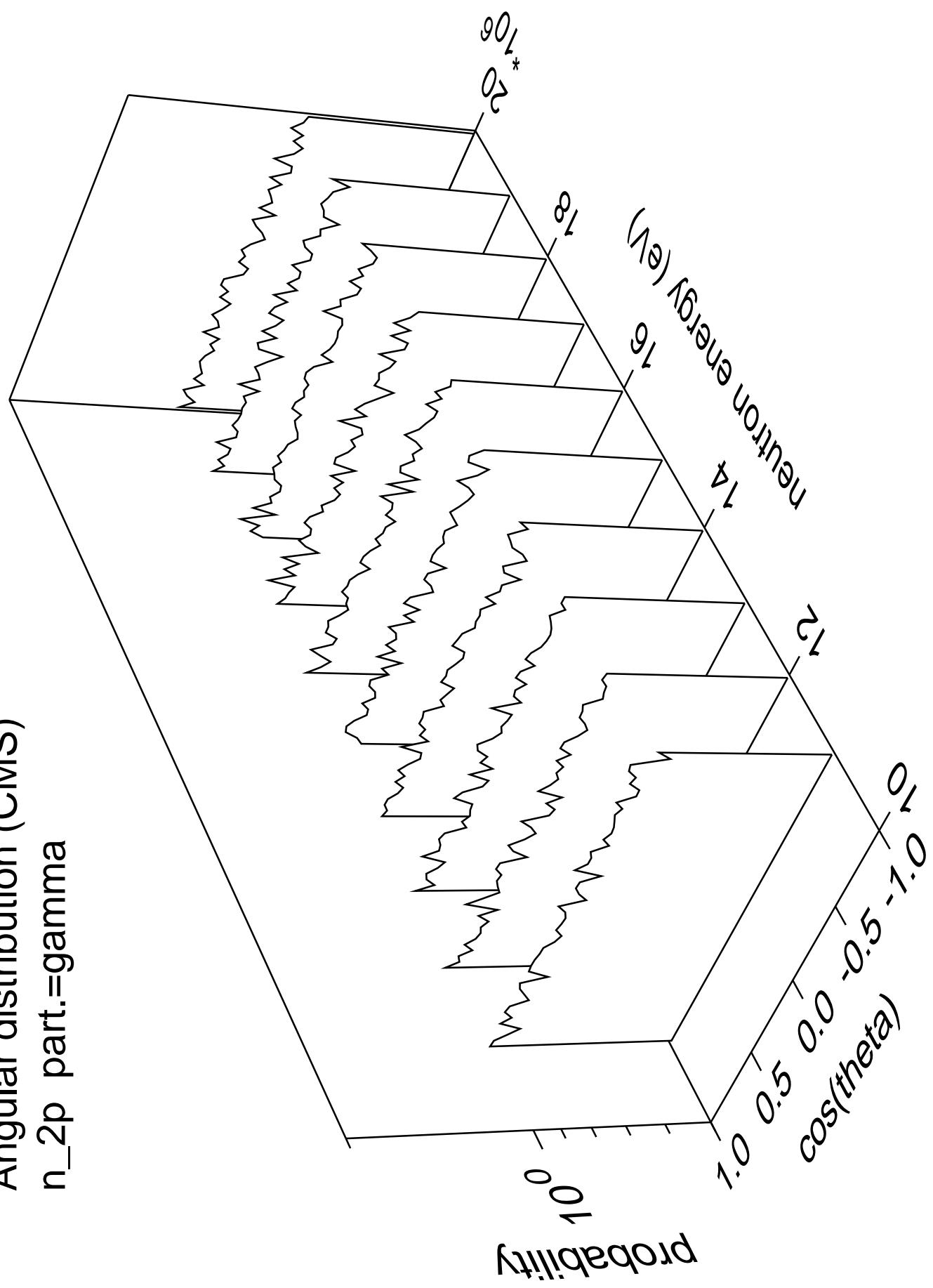
Angular distribution (CMS)  
 $n_{np}$  part.=gamma

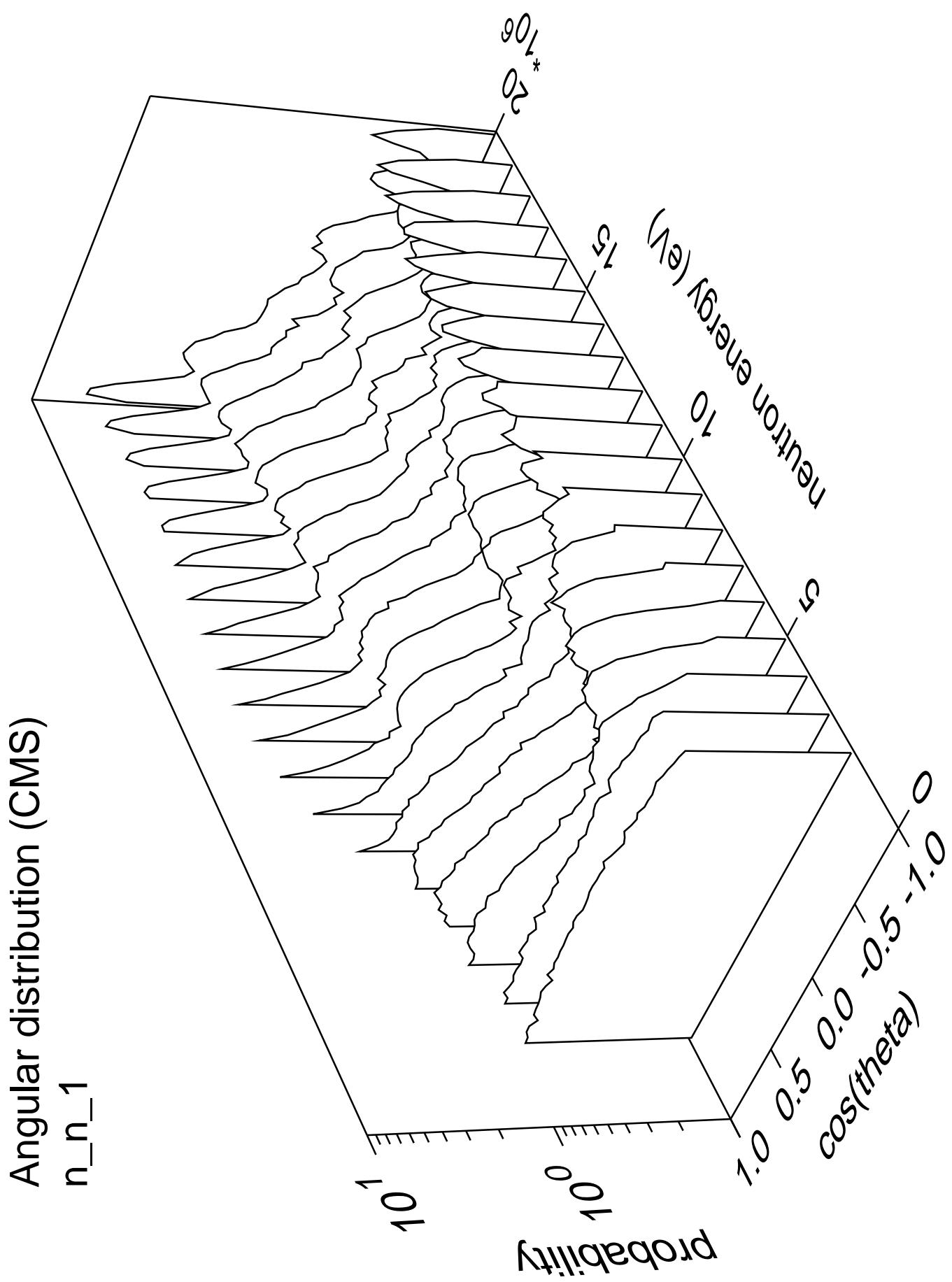


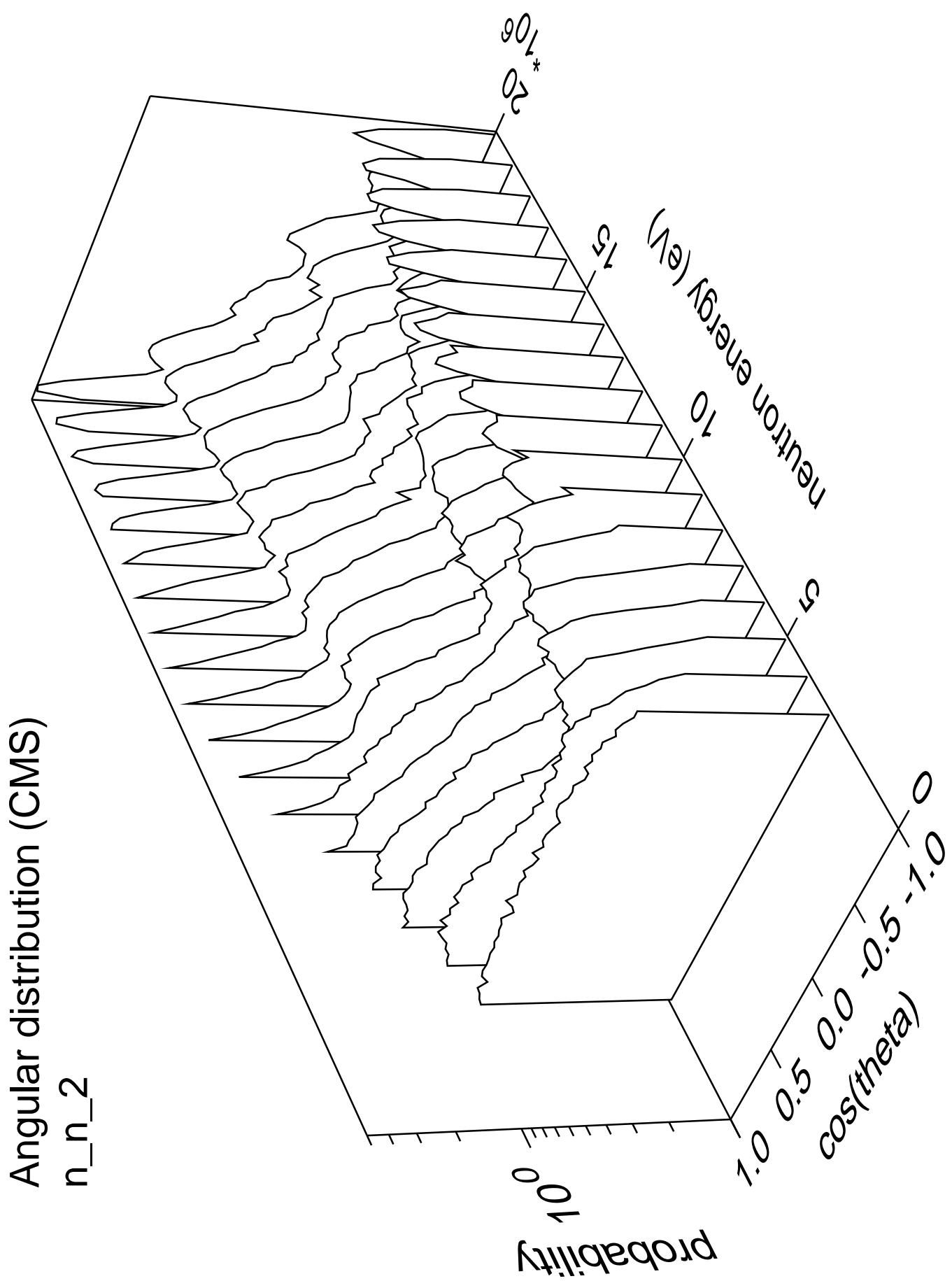
Angular distribution (CMS)  
 $n_{2p}$  part.=proton

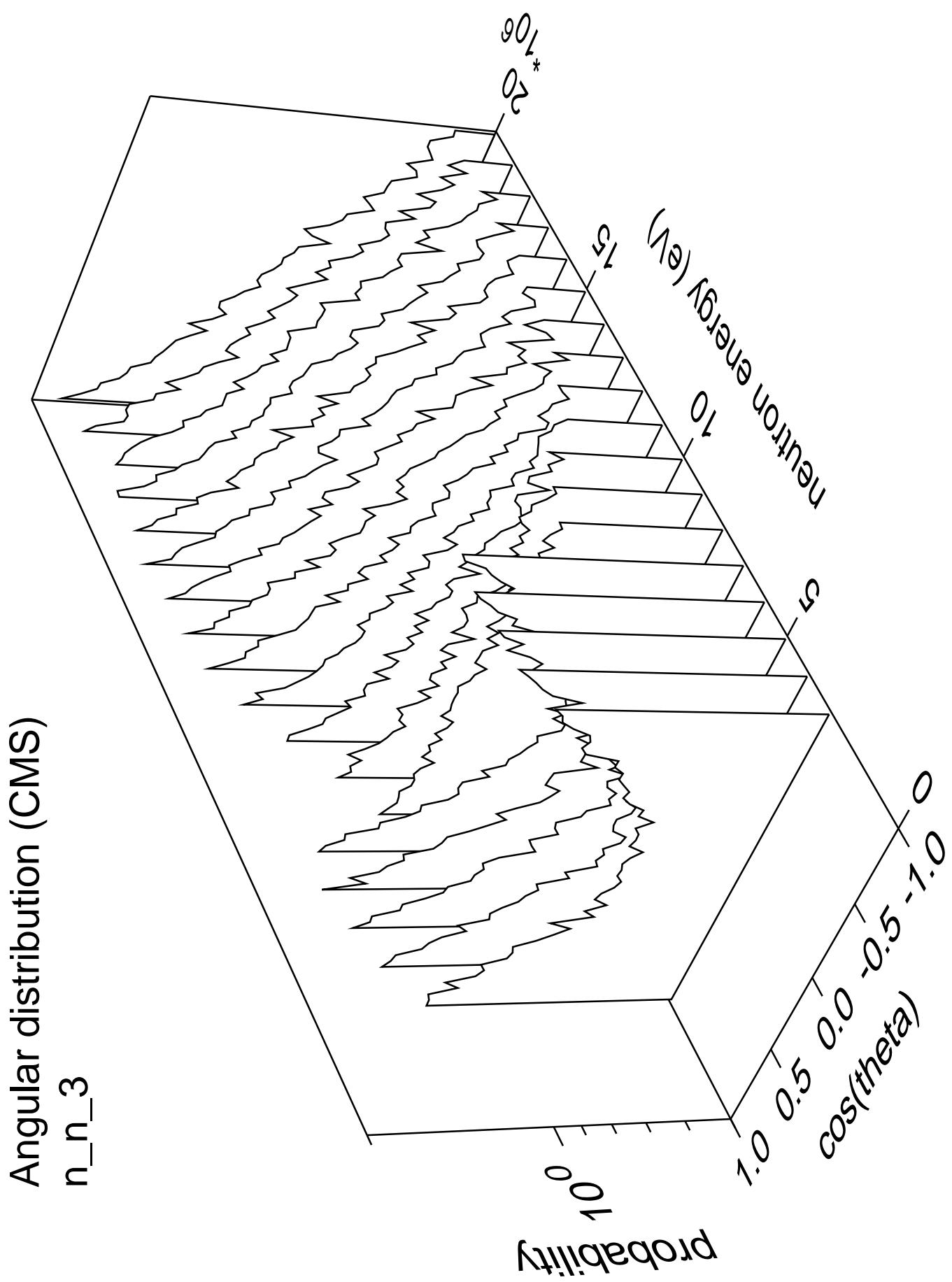


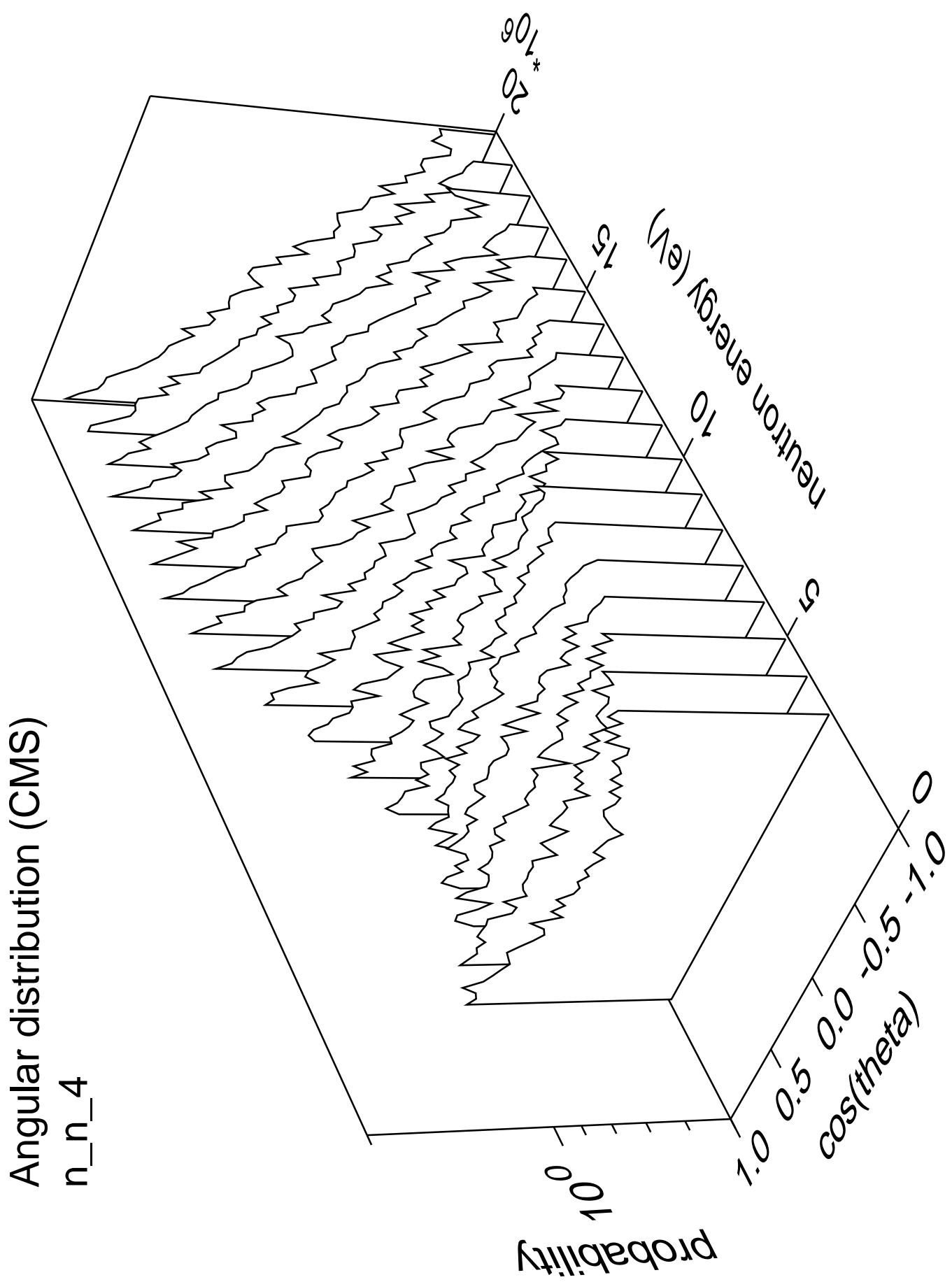
Angular distribution (CMS)  
 $n_{\text{2p}}$  part.=gamma

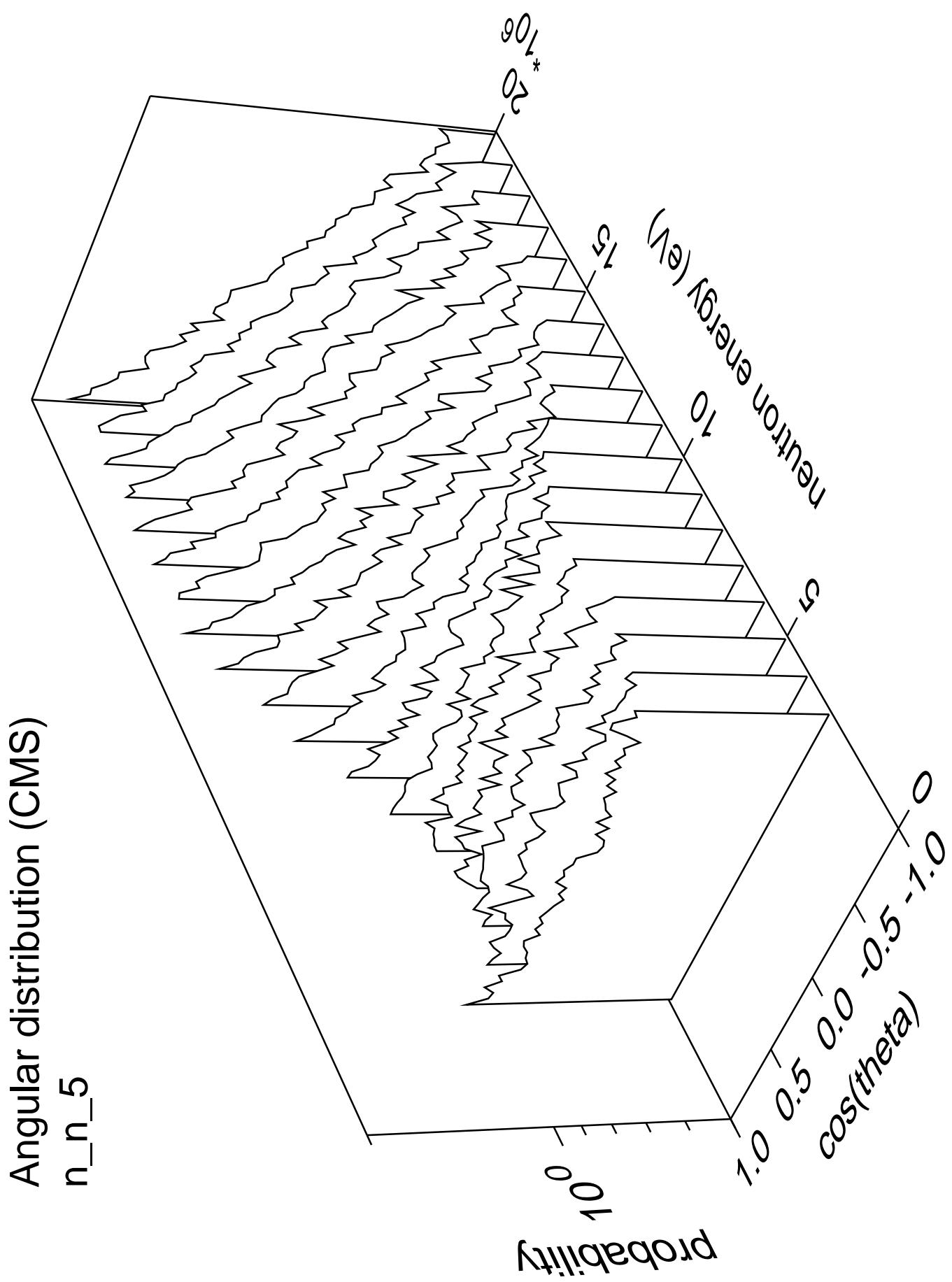


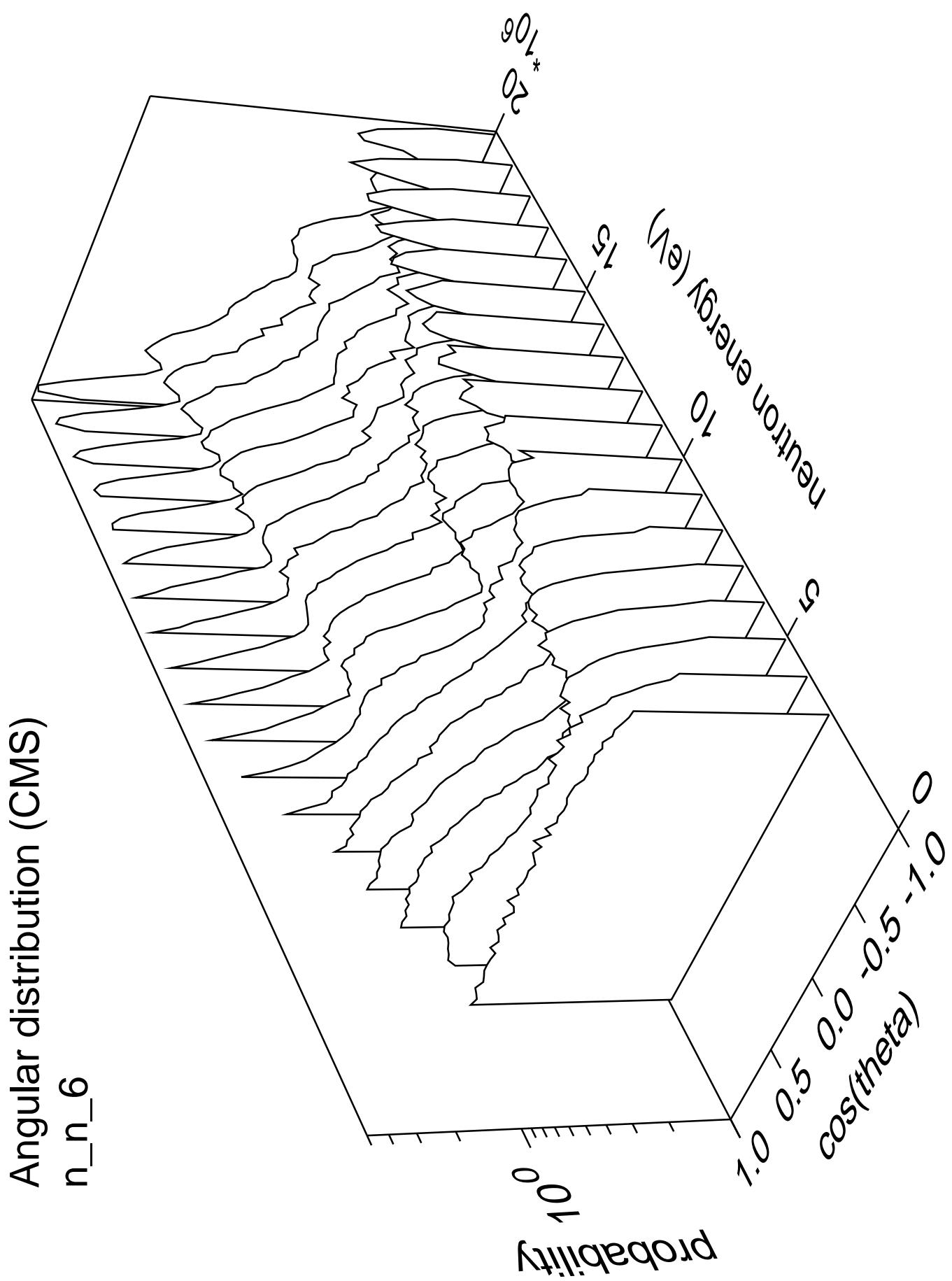


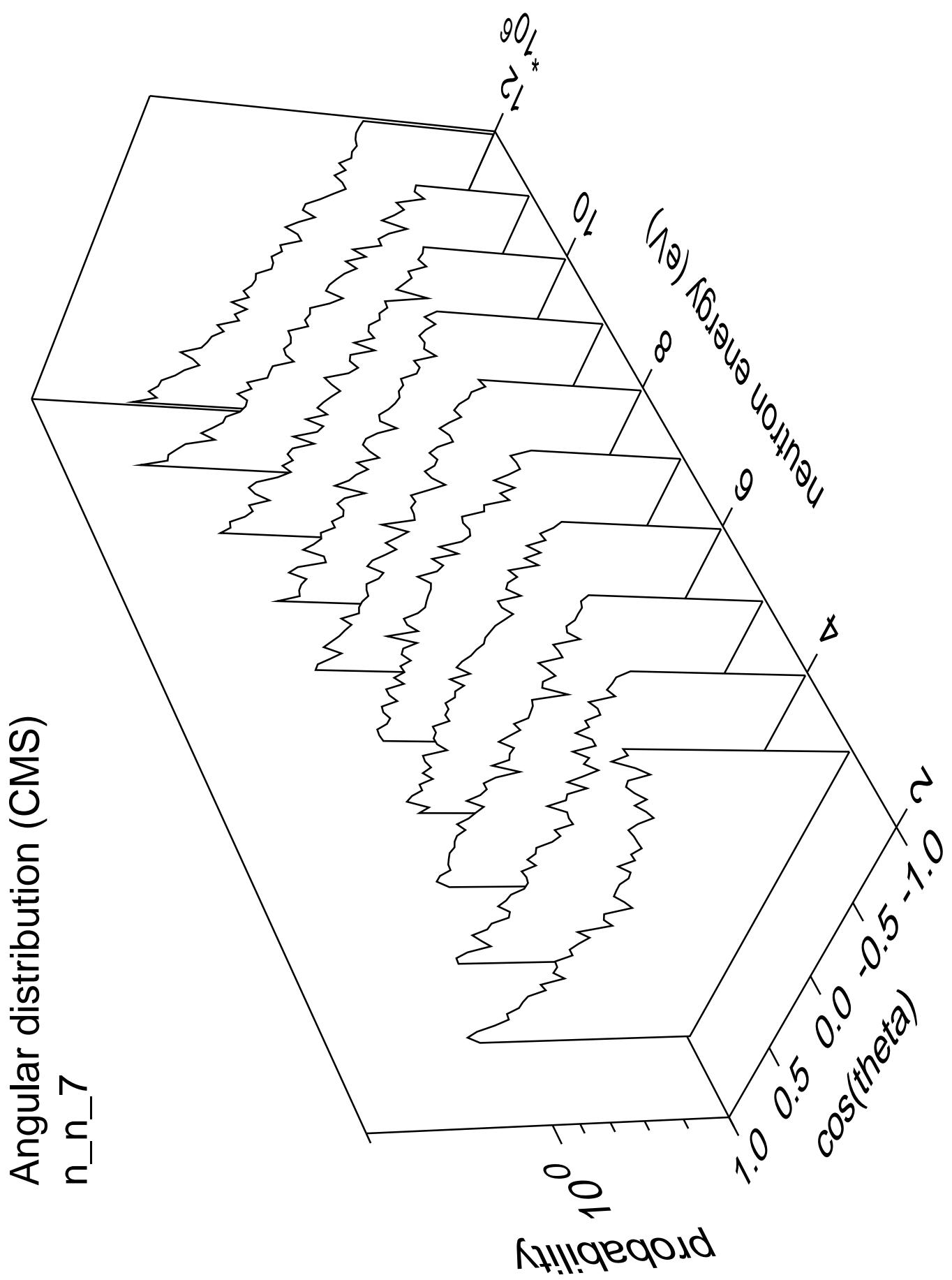


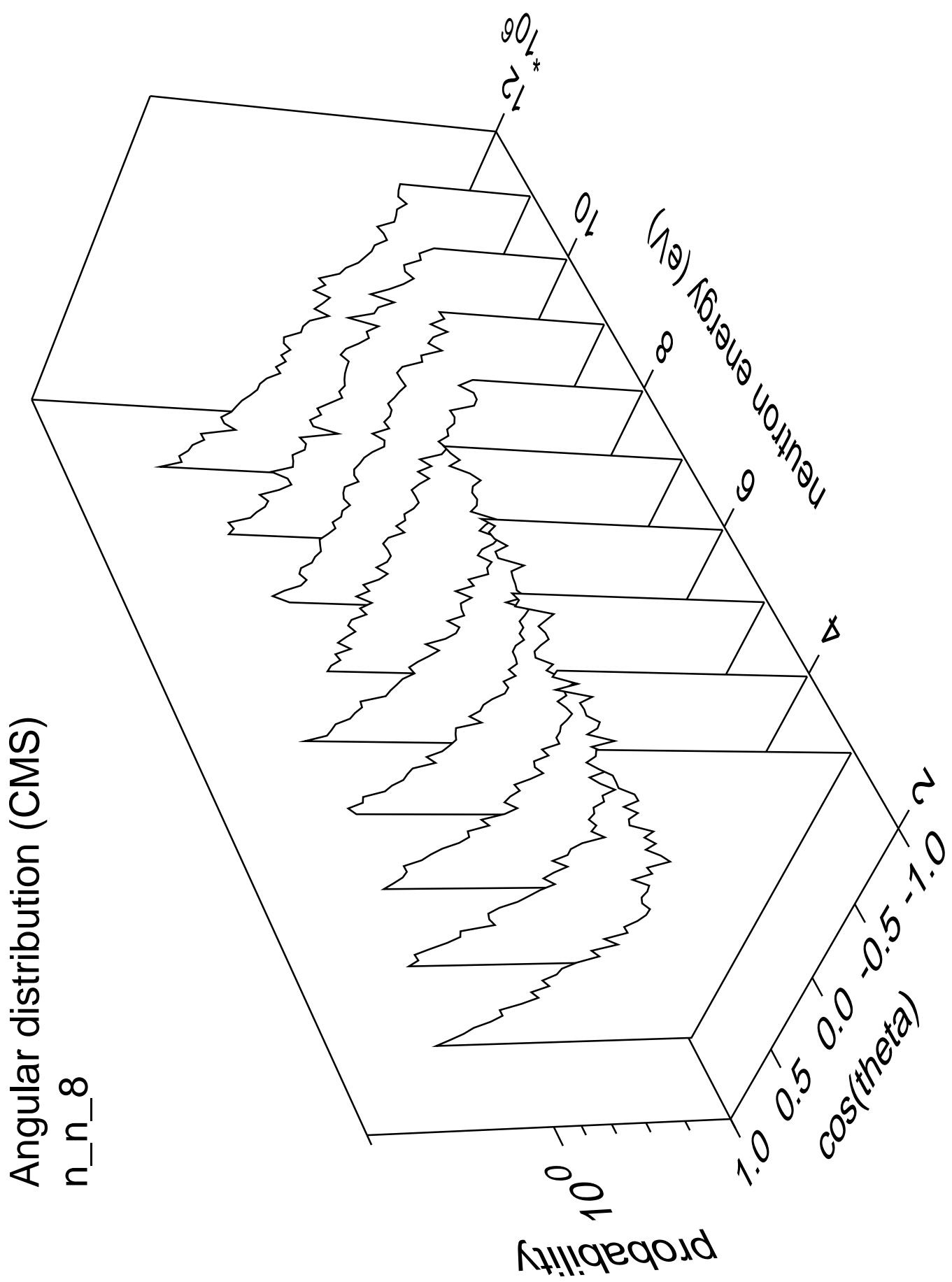




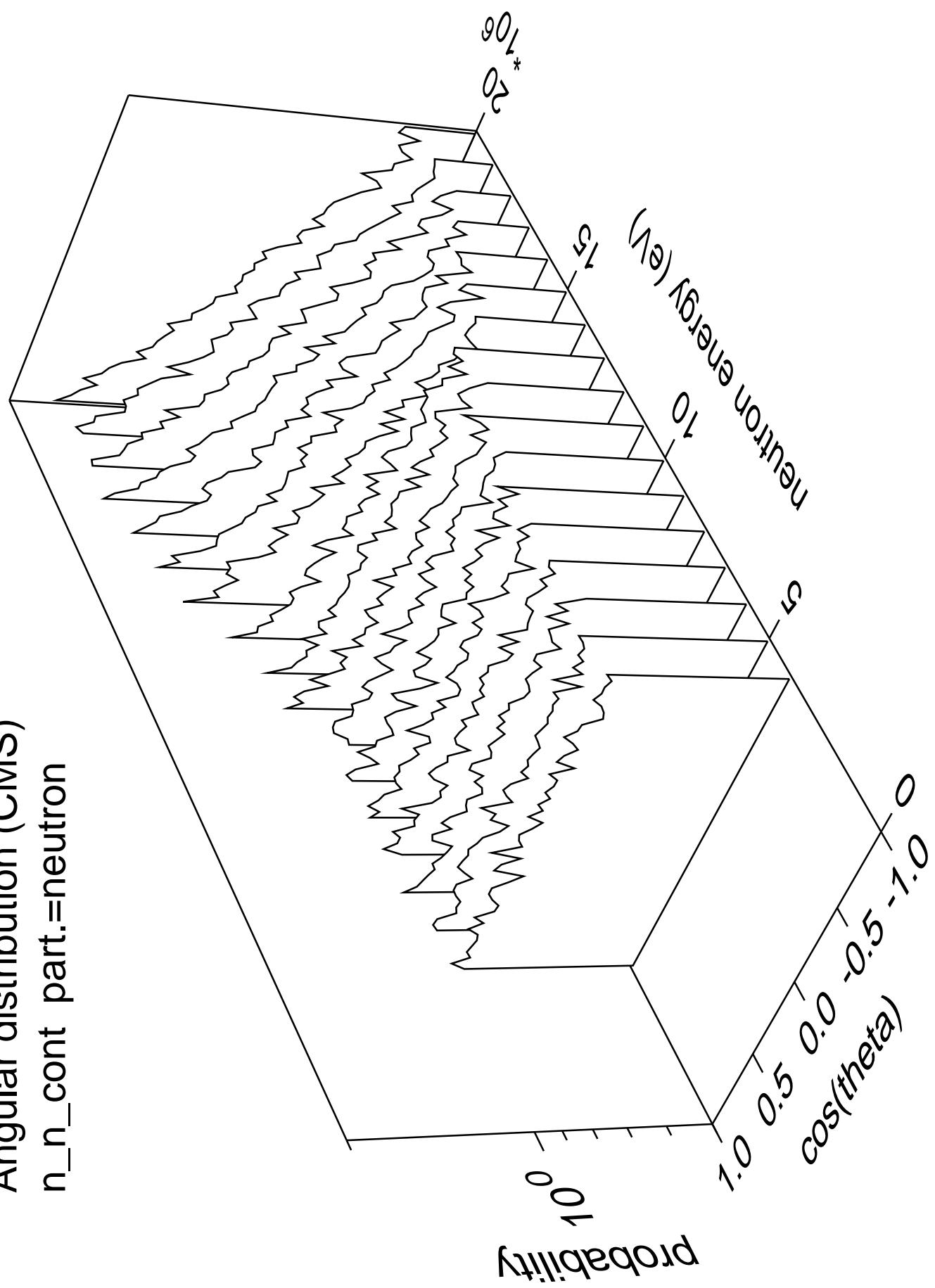




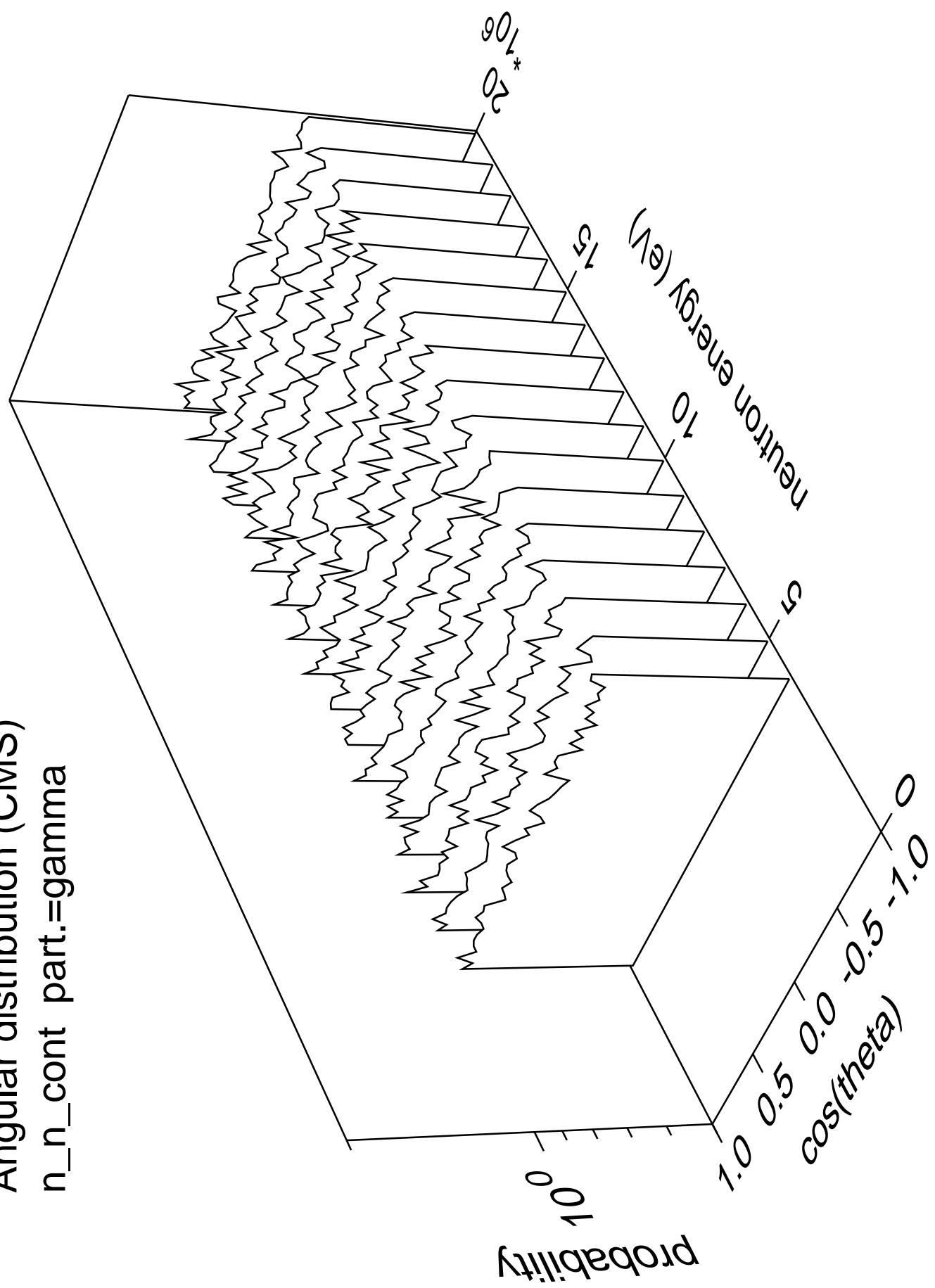


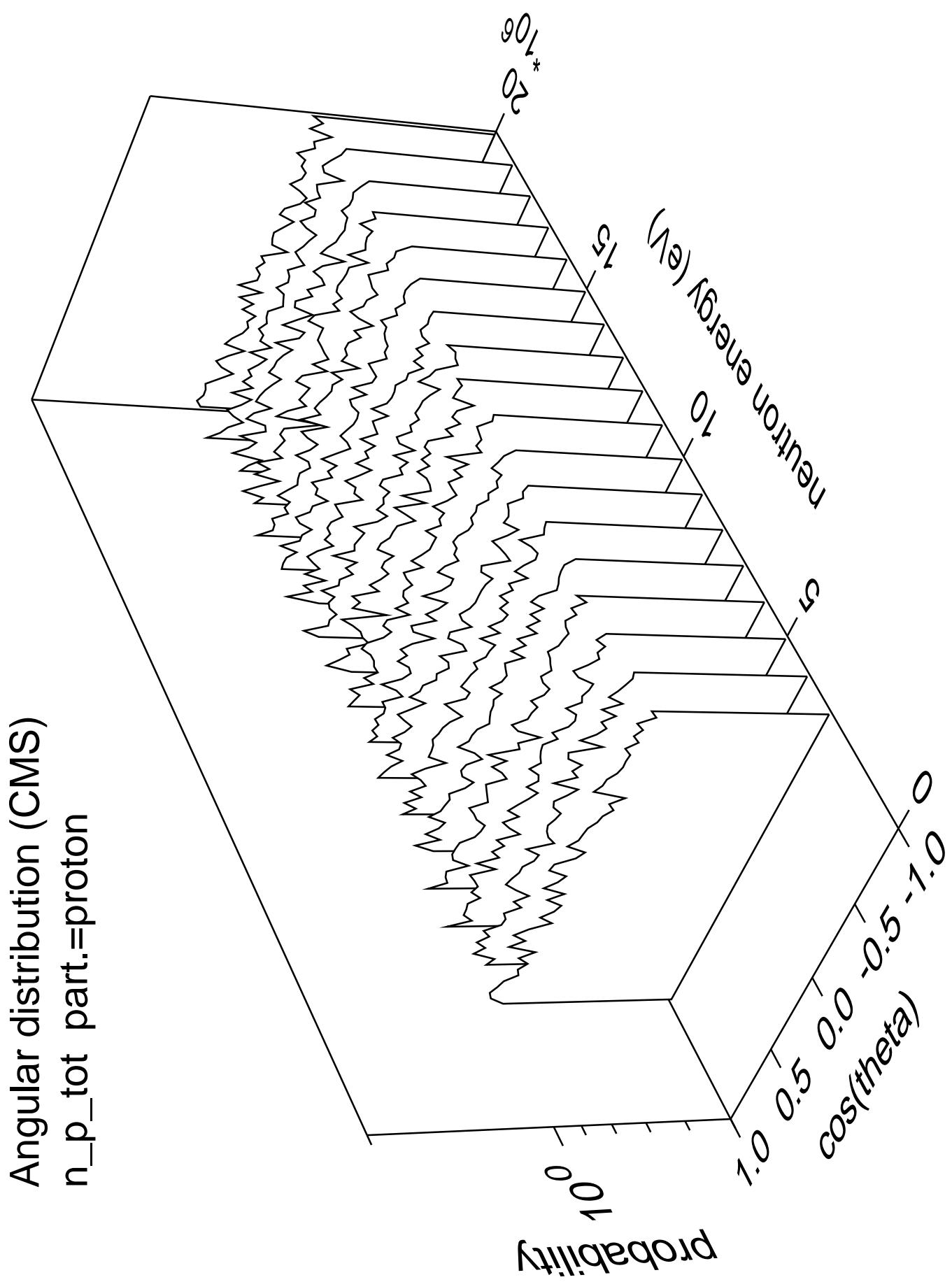


Angular distribution (CMS)  
n\_n\_cont part.=neutron

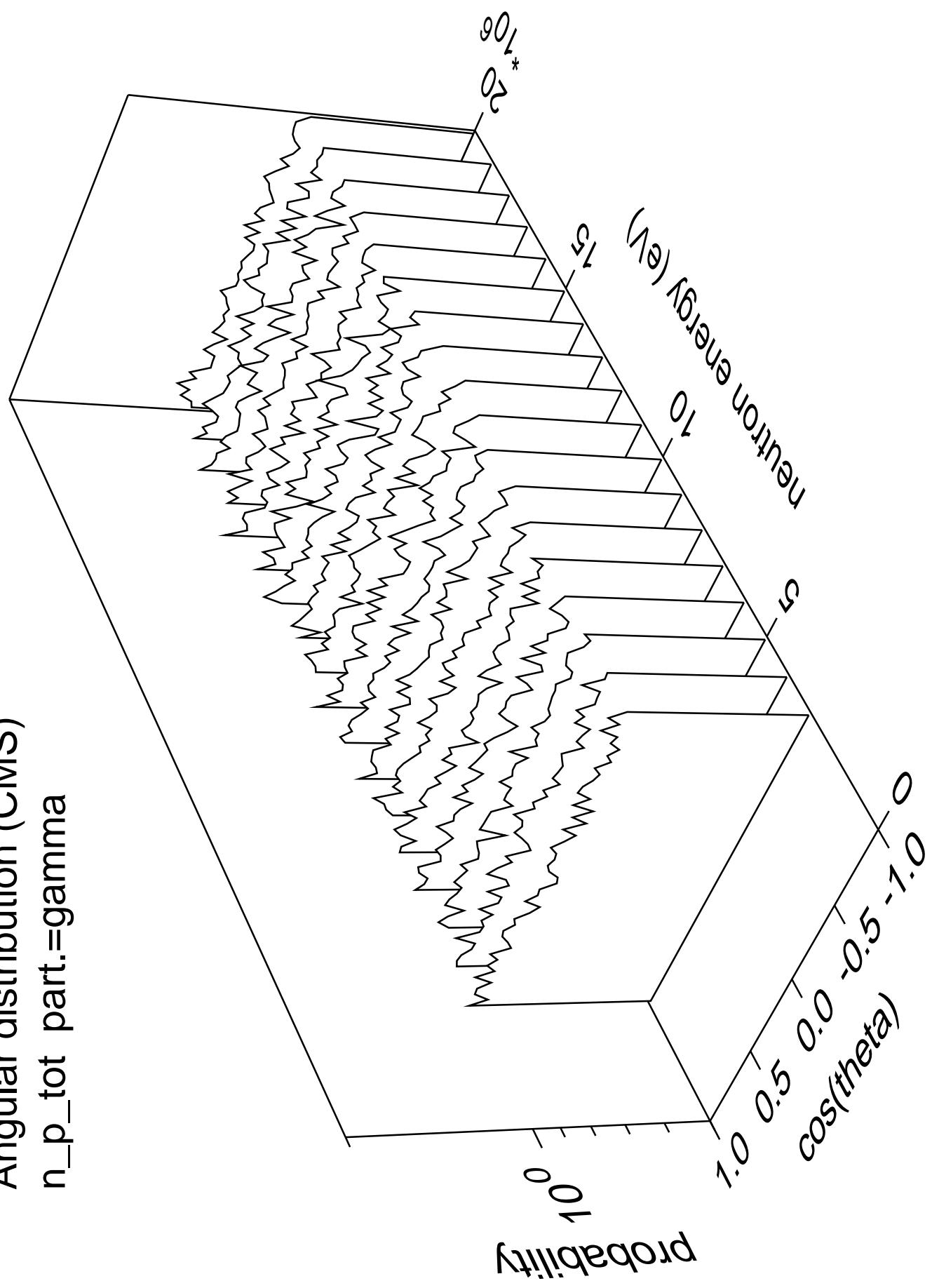


Angular distribution (CMS)  
n\_n\_cont part.=gamma

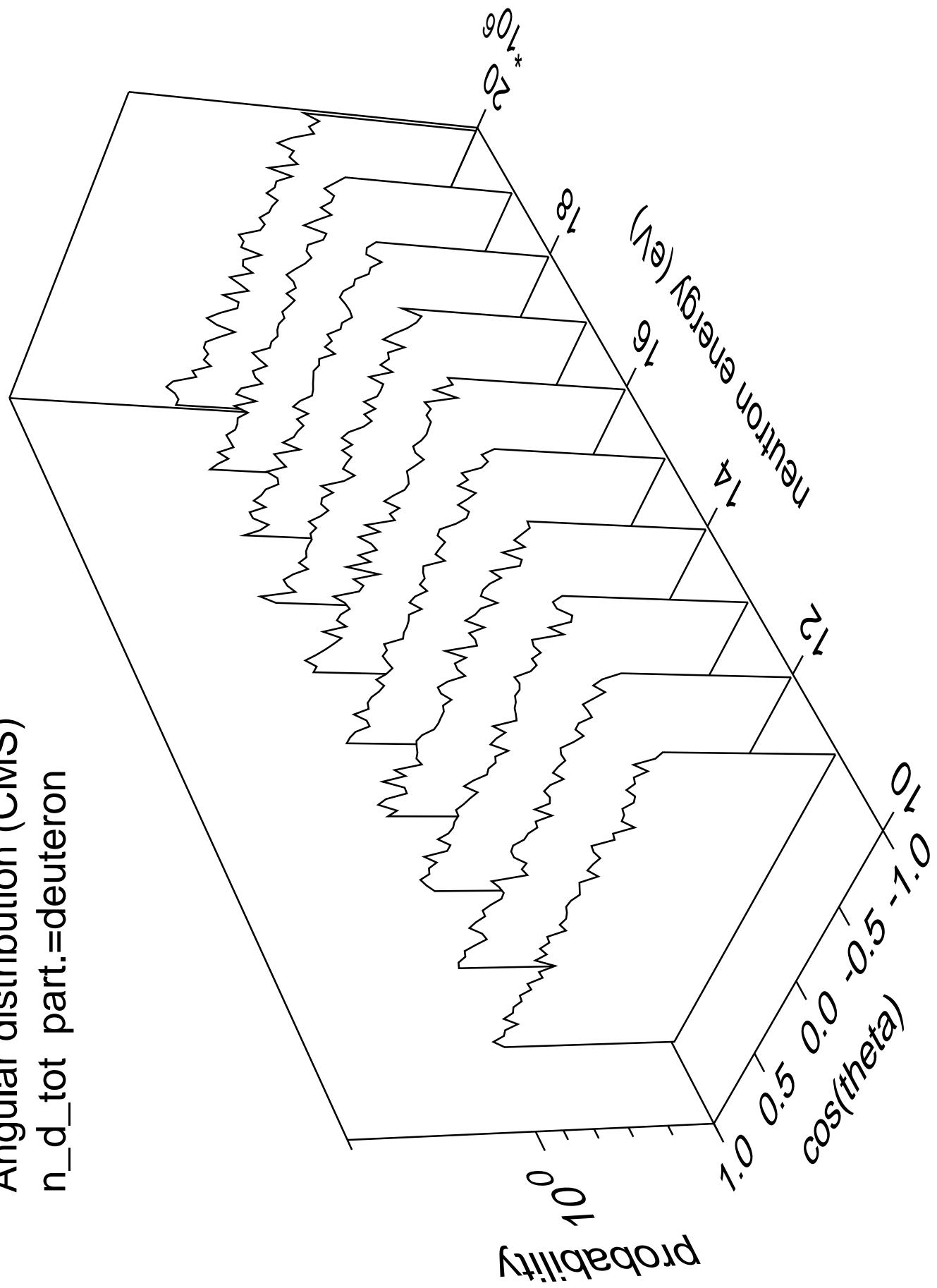




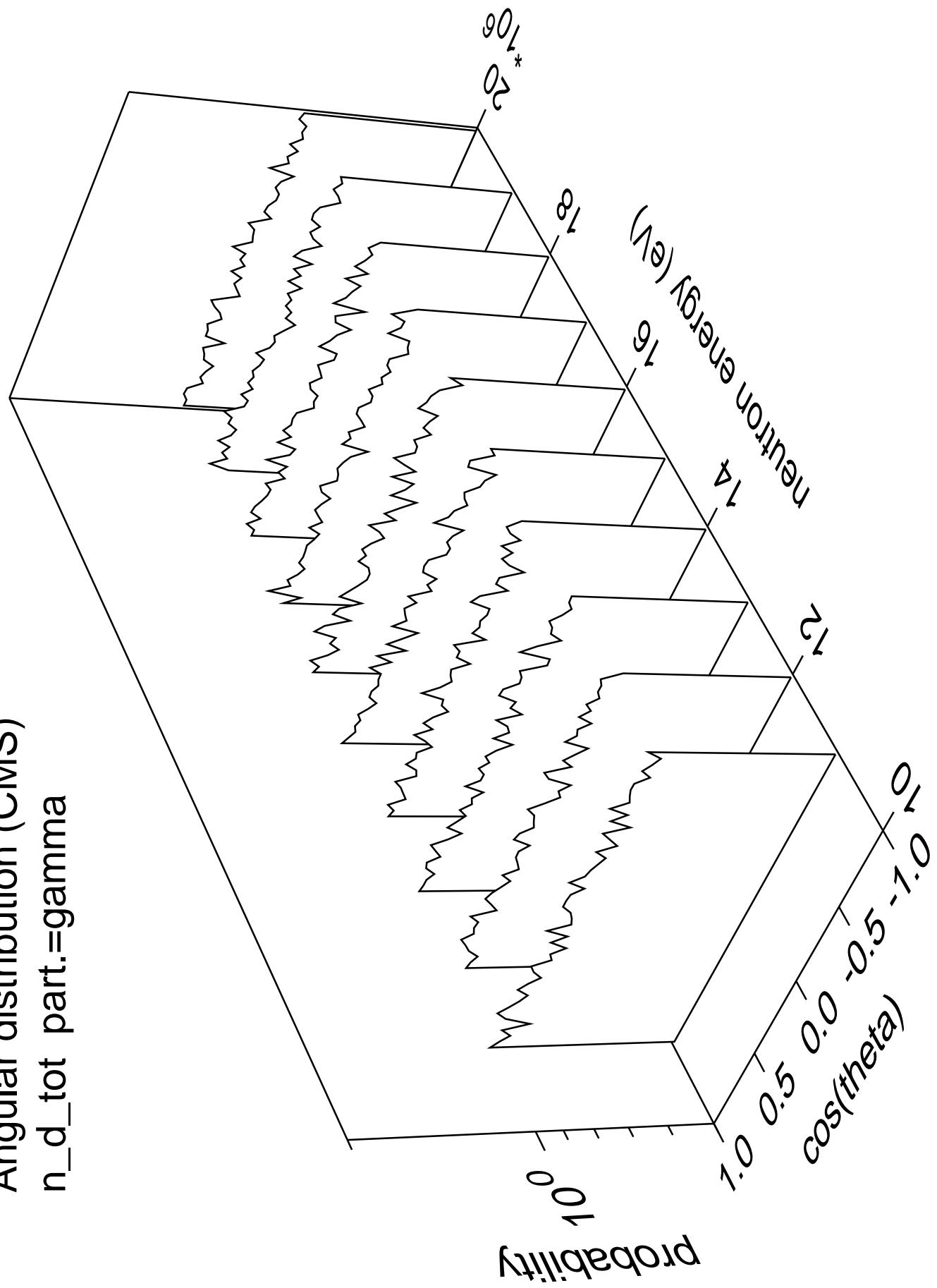
Angular distribution (CMS)  
 $n_{p_{\text{tot}}}$  part.=gamma



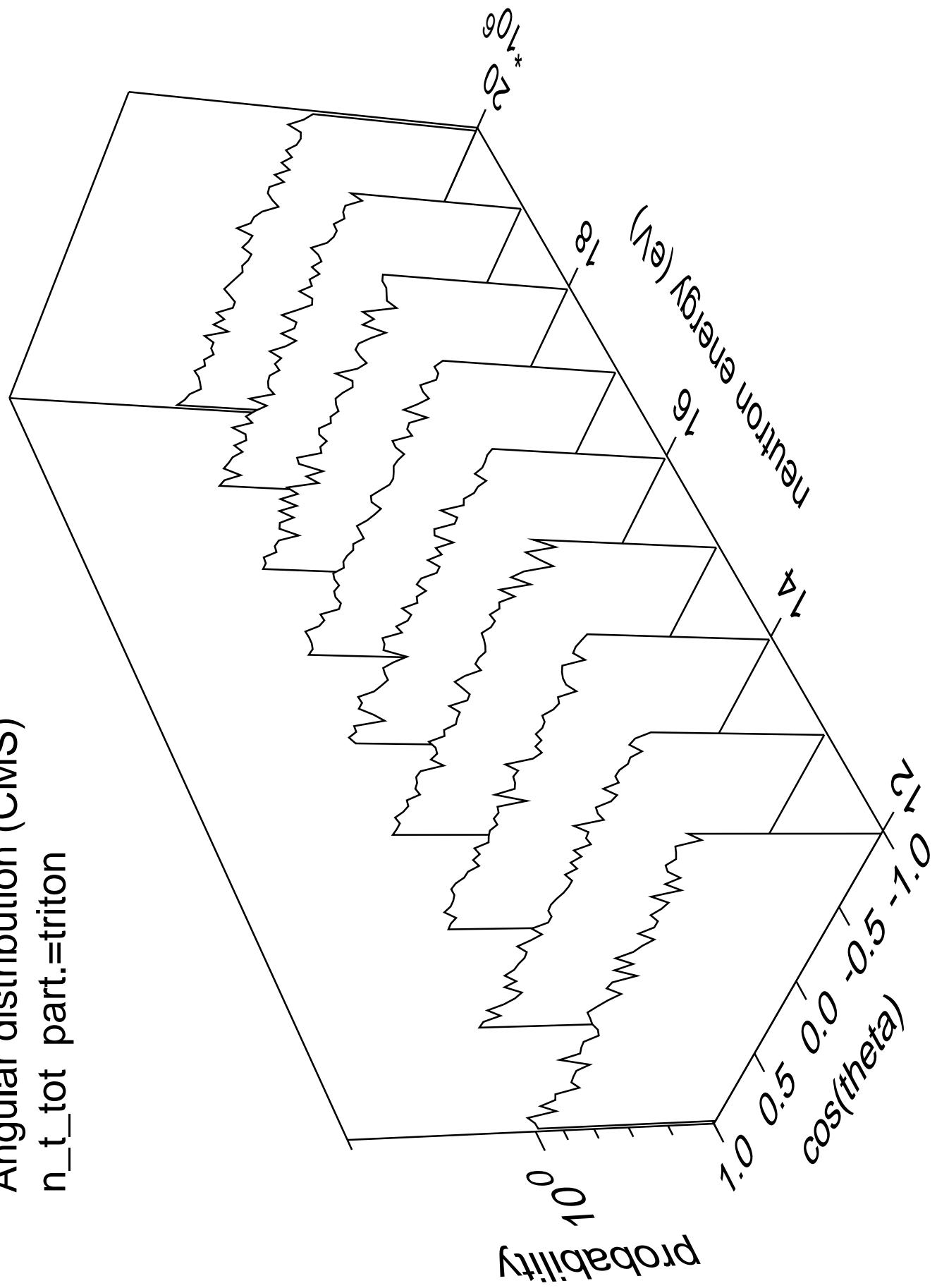
Angular distribution (CMS)  
 $n_d_{\text{tot}}$  part.=deuteron



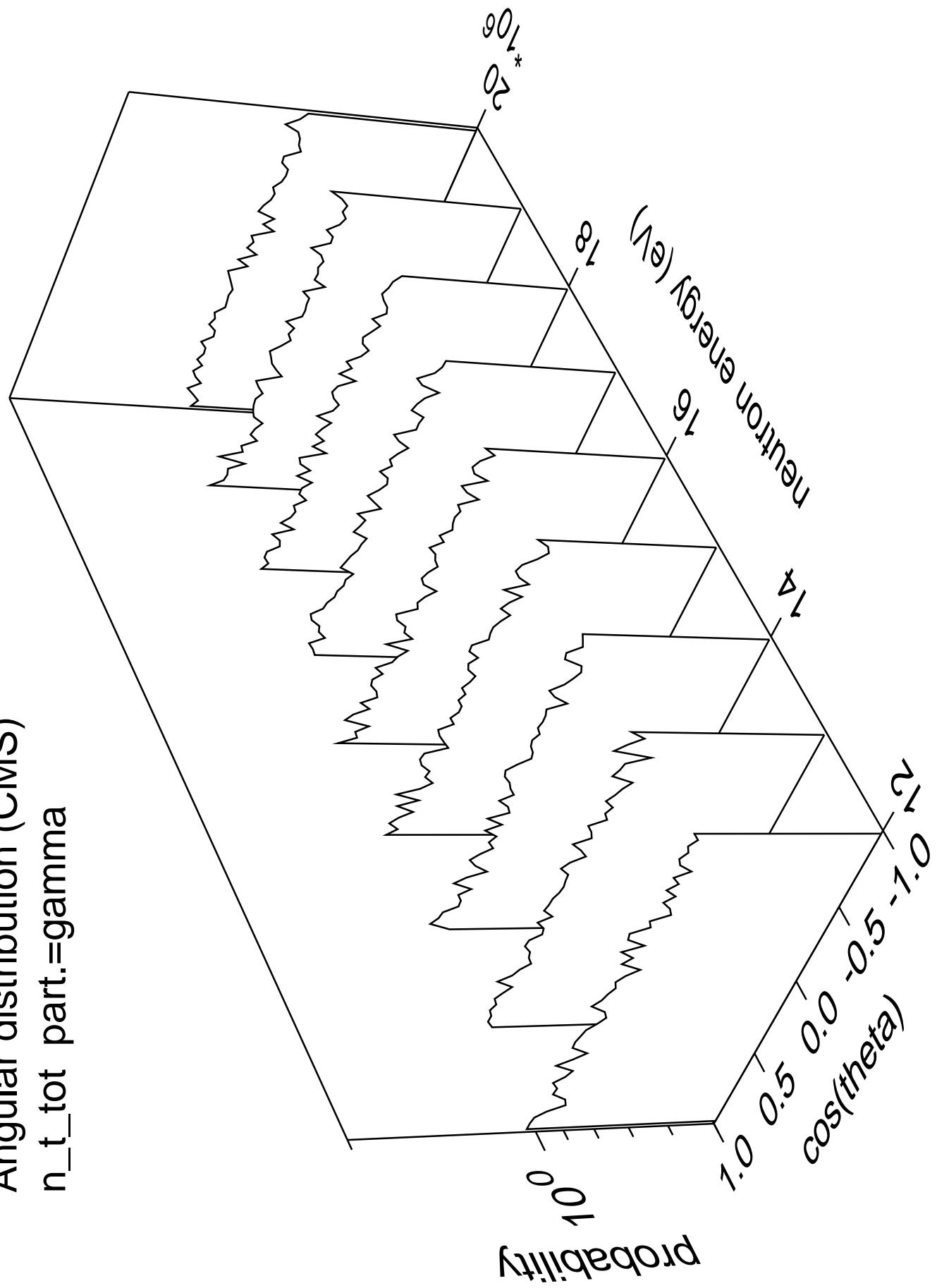
Angular distribution (CMS)  
 $n_d_{tot}$  part.=gamma



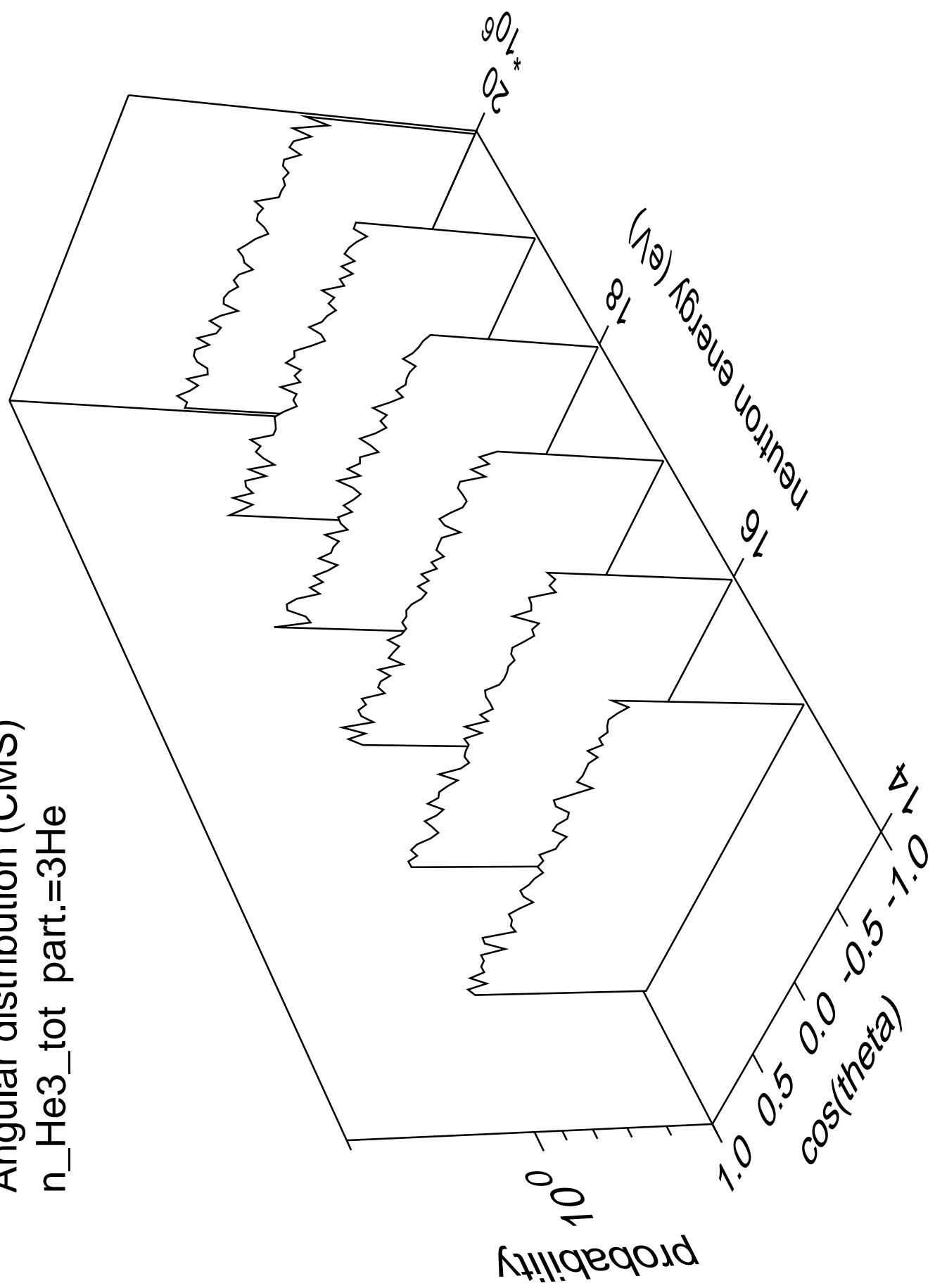
Angular distribution (CMS)  
 $n_t$  tot part.=triton



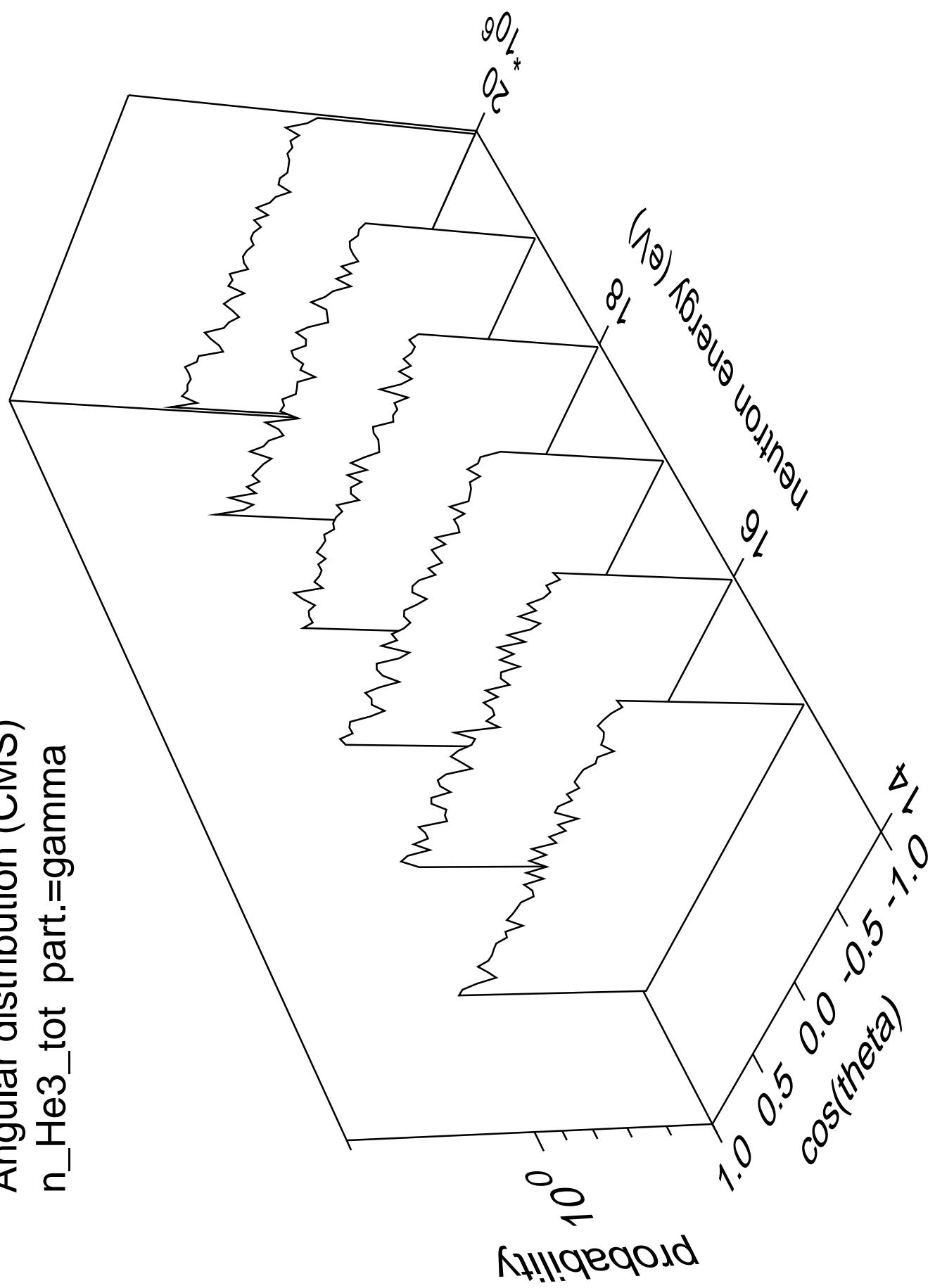
Angular distribution (CMS)  
 $n_t$  tot part.=gamma



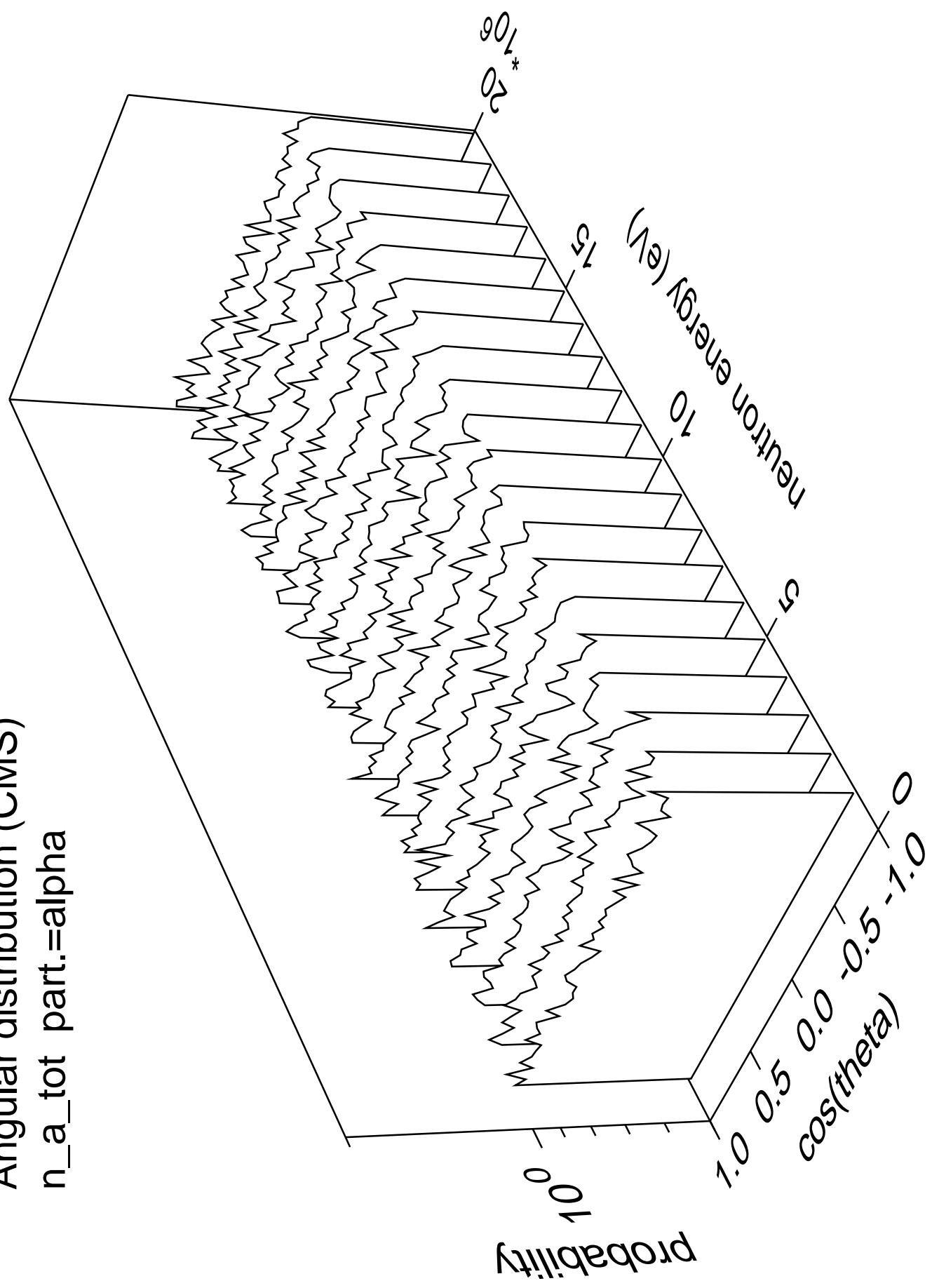
Angular distribution (CMS)  
 $n_{\text{He3\_tot}}$  part.= $3\text{He}$



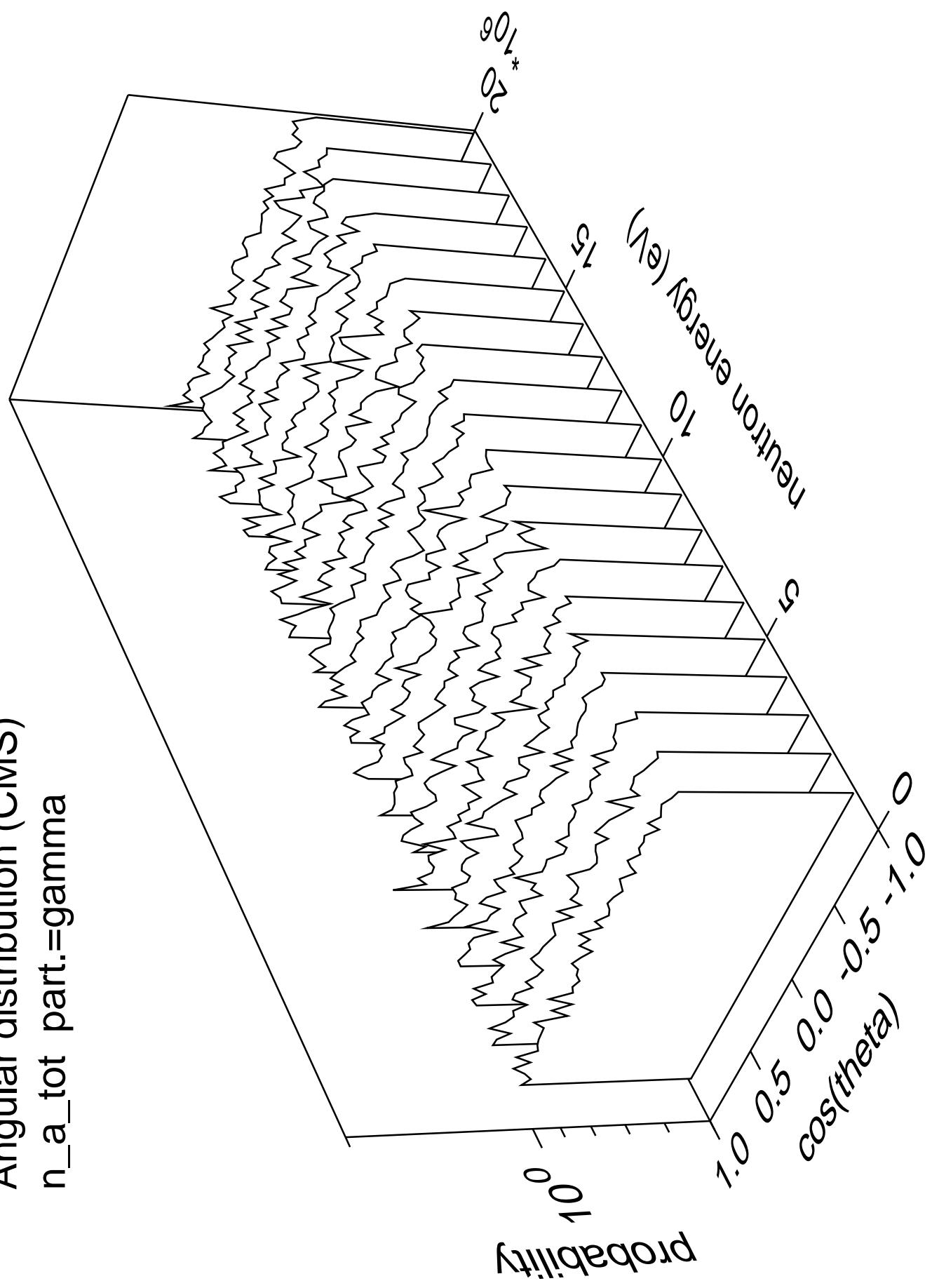
Angular distribution (CMS)  
 $n_{\text{He3\_tot}}$  part.=gamma



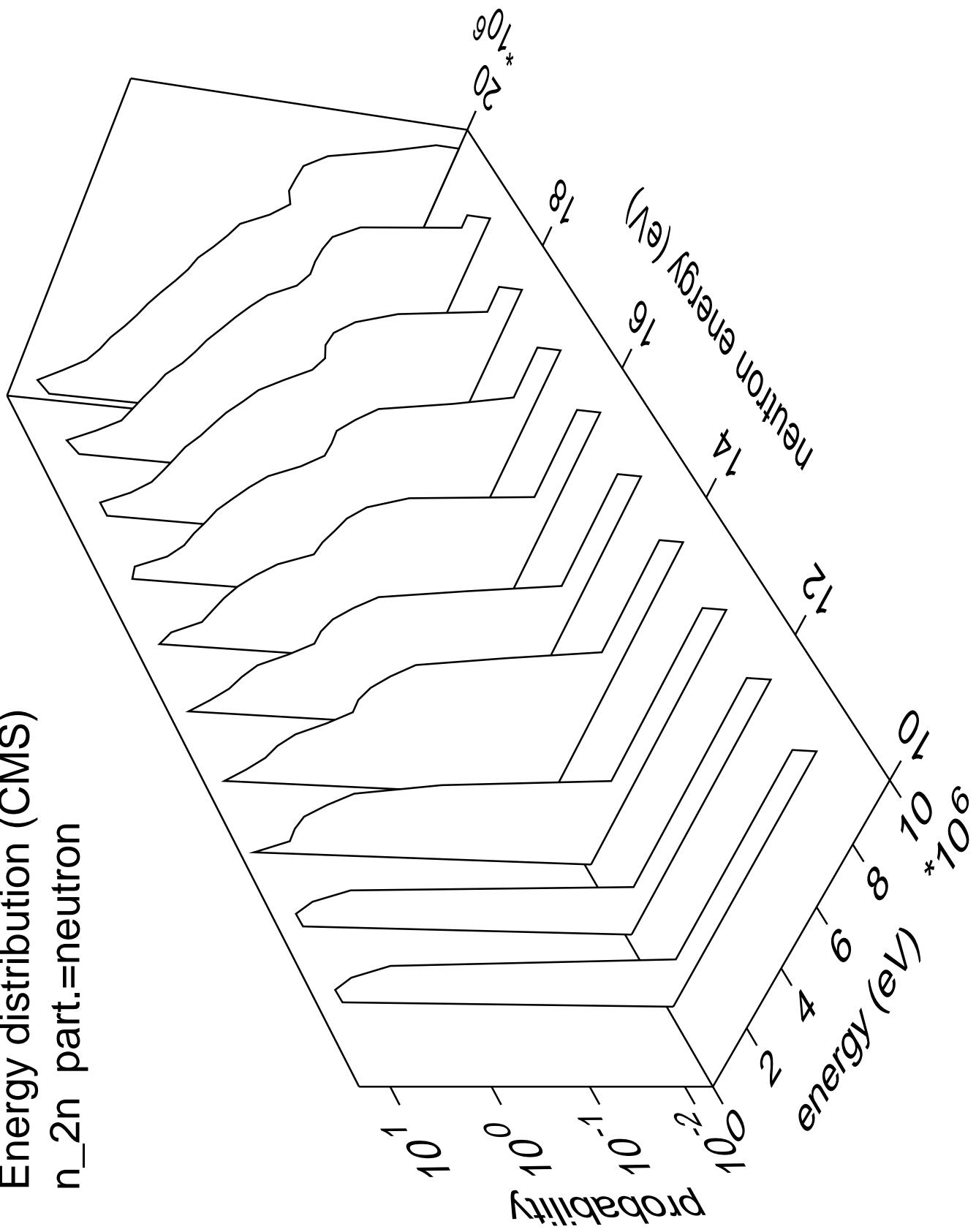
Angular distribution (CMS)  
 $n_a_{tot}$  part.=alpha



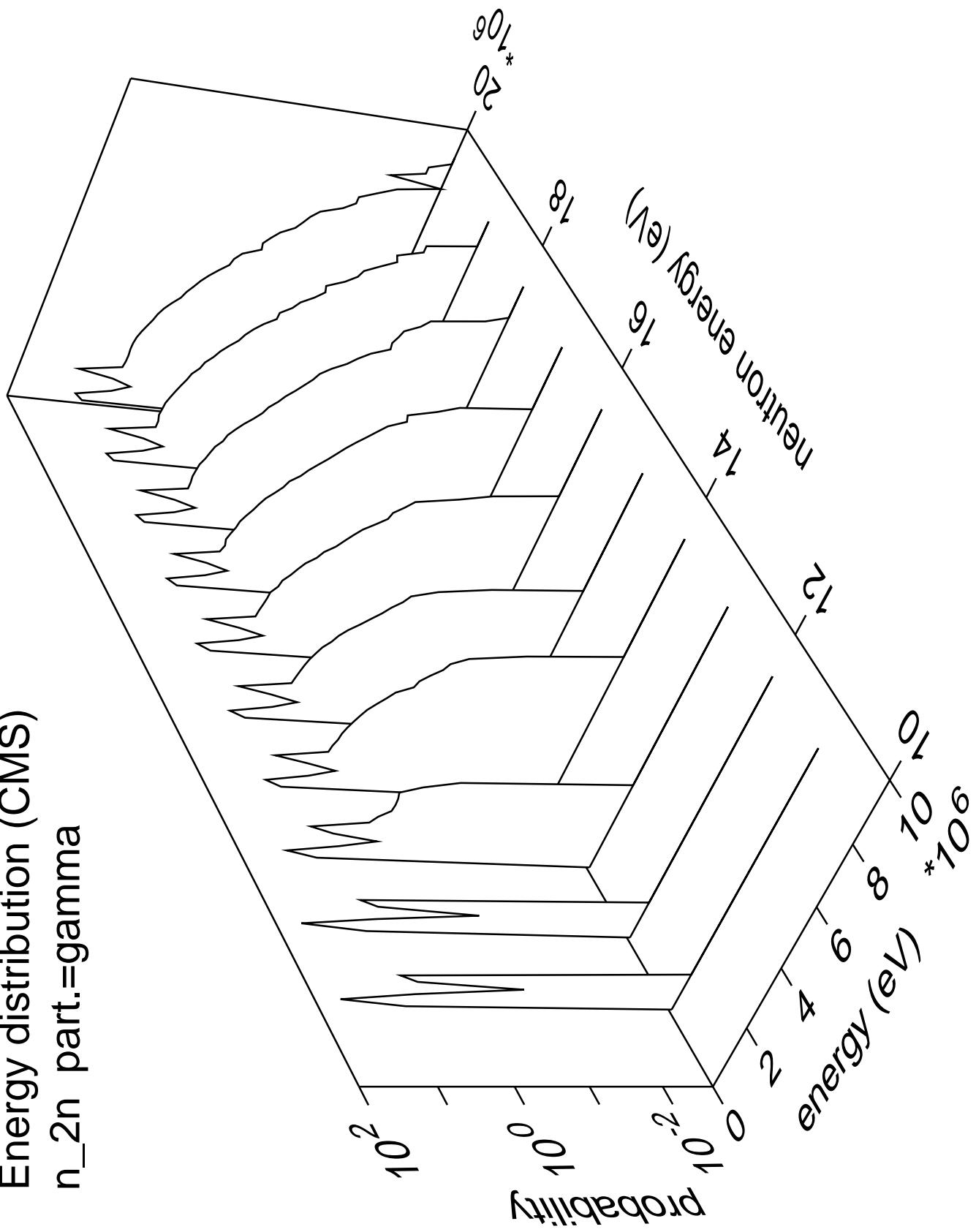
Angular distribution (CMS)  
 $n_a_{tot}$  part.=gamma



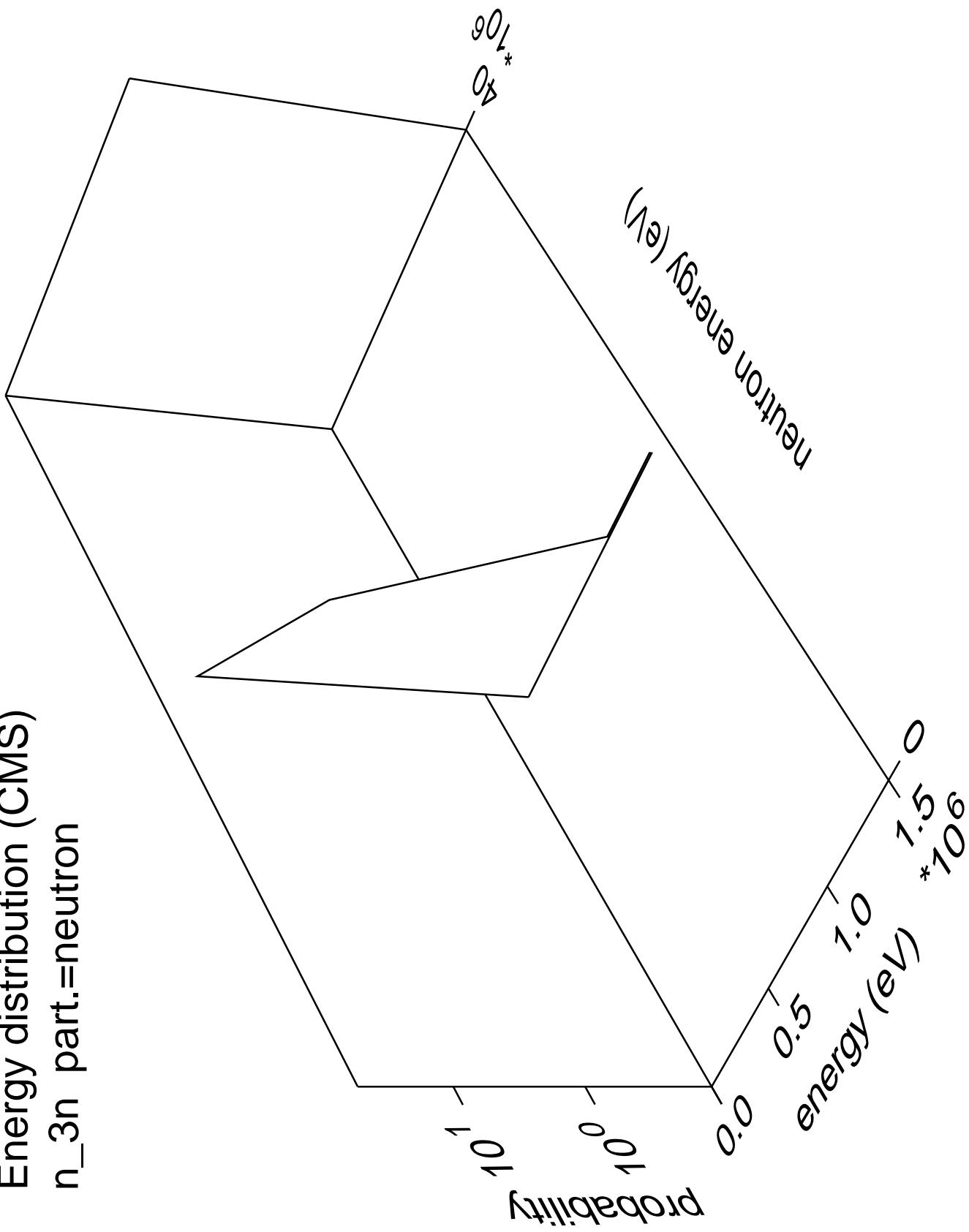
Energy distribution (CMS)  
 $n_{2n}$  part.=neutron



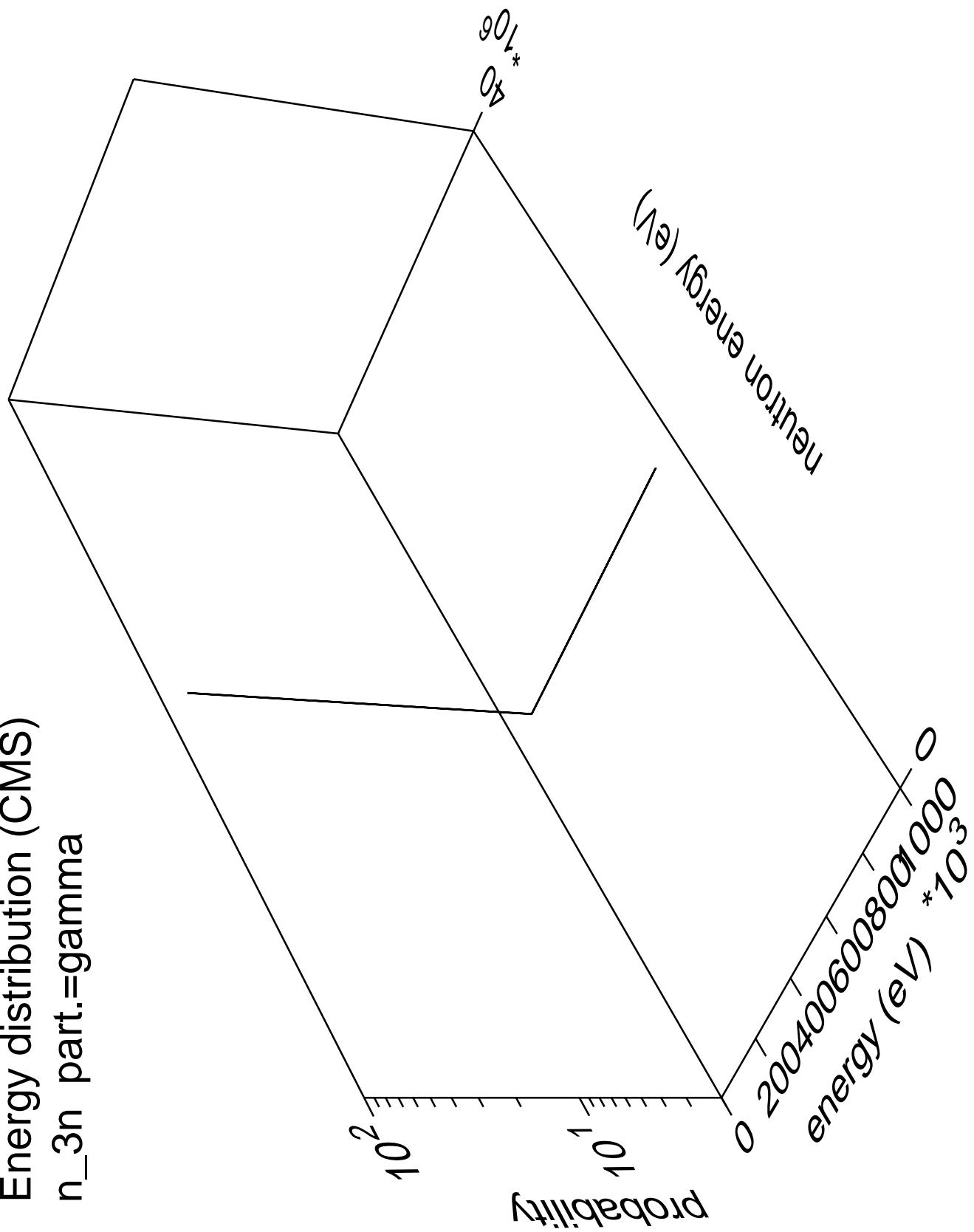
Energy distribution (CMS)  
 $n_{2n}$  part.=gamma



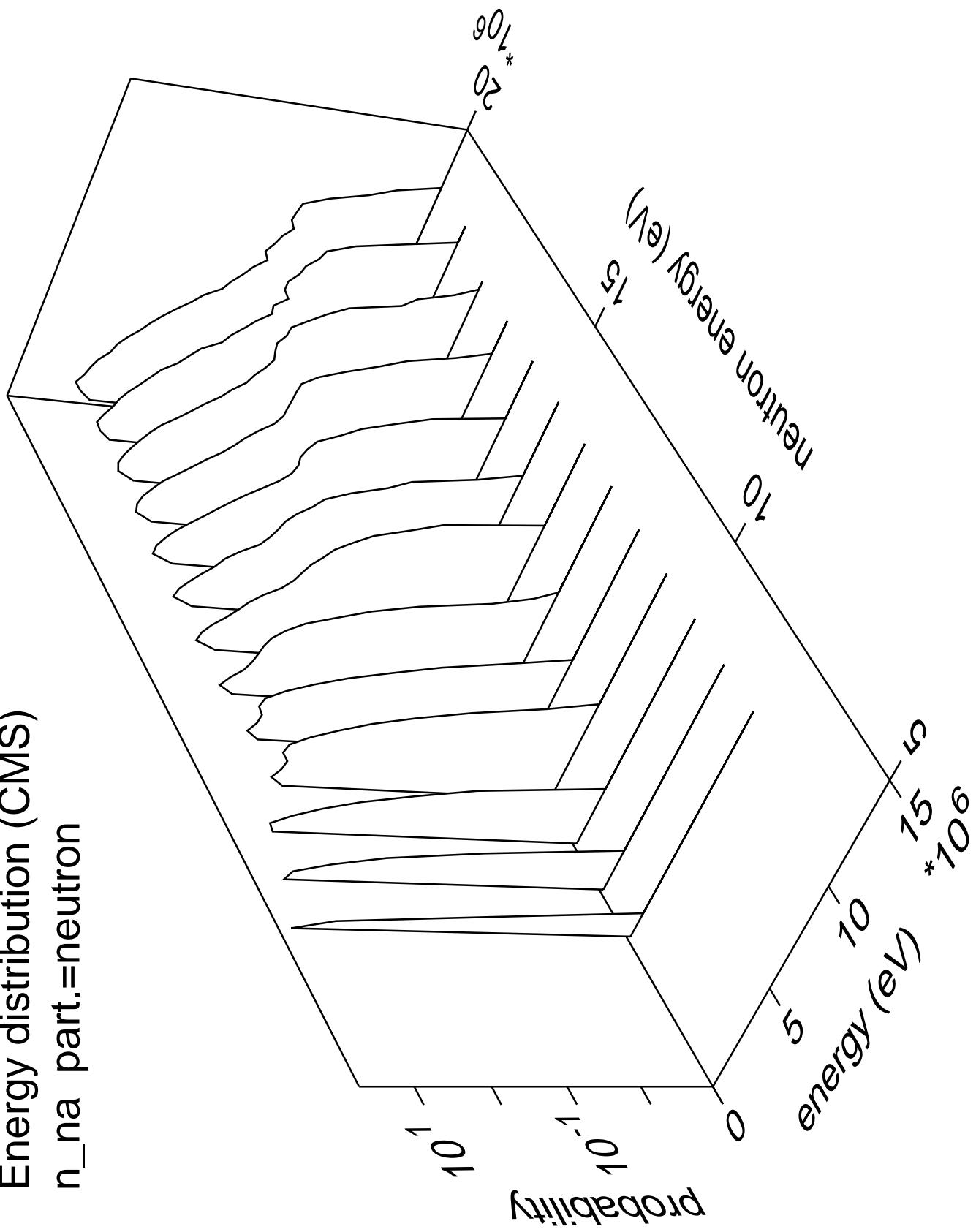
Energy distribution (CMS)  
 $n_{3n}$  part.=neutron



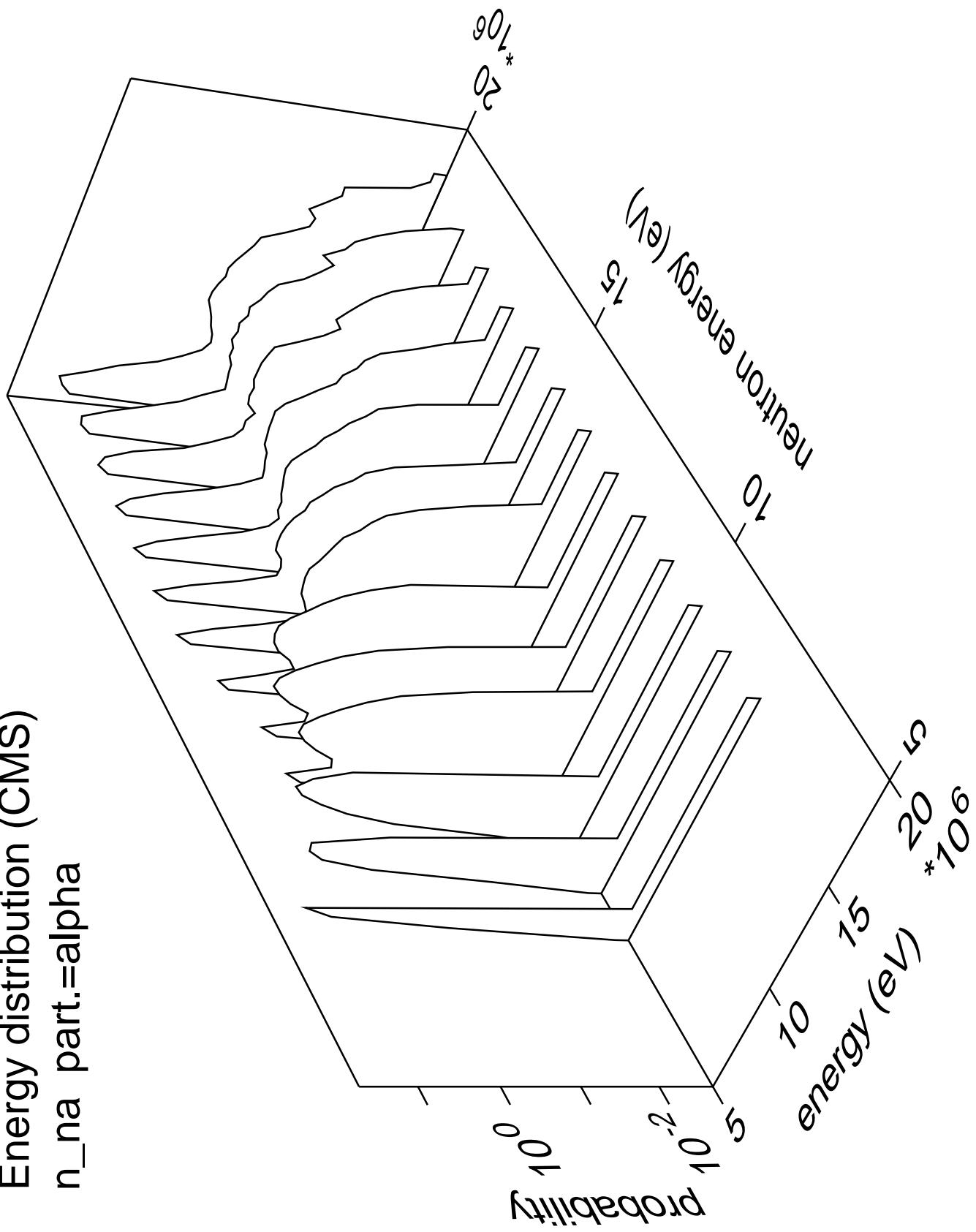
Energy distribution (CMS)  
 $n_{3n}$  part.=gamma



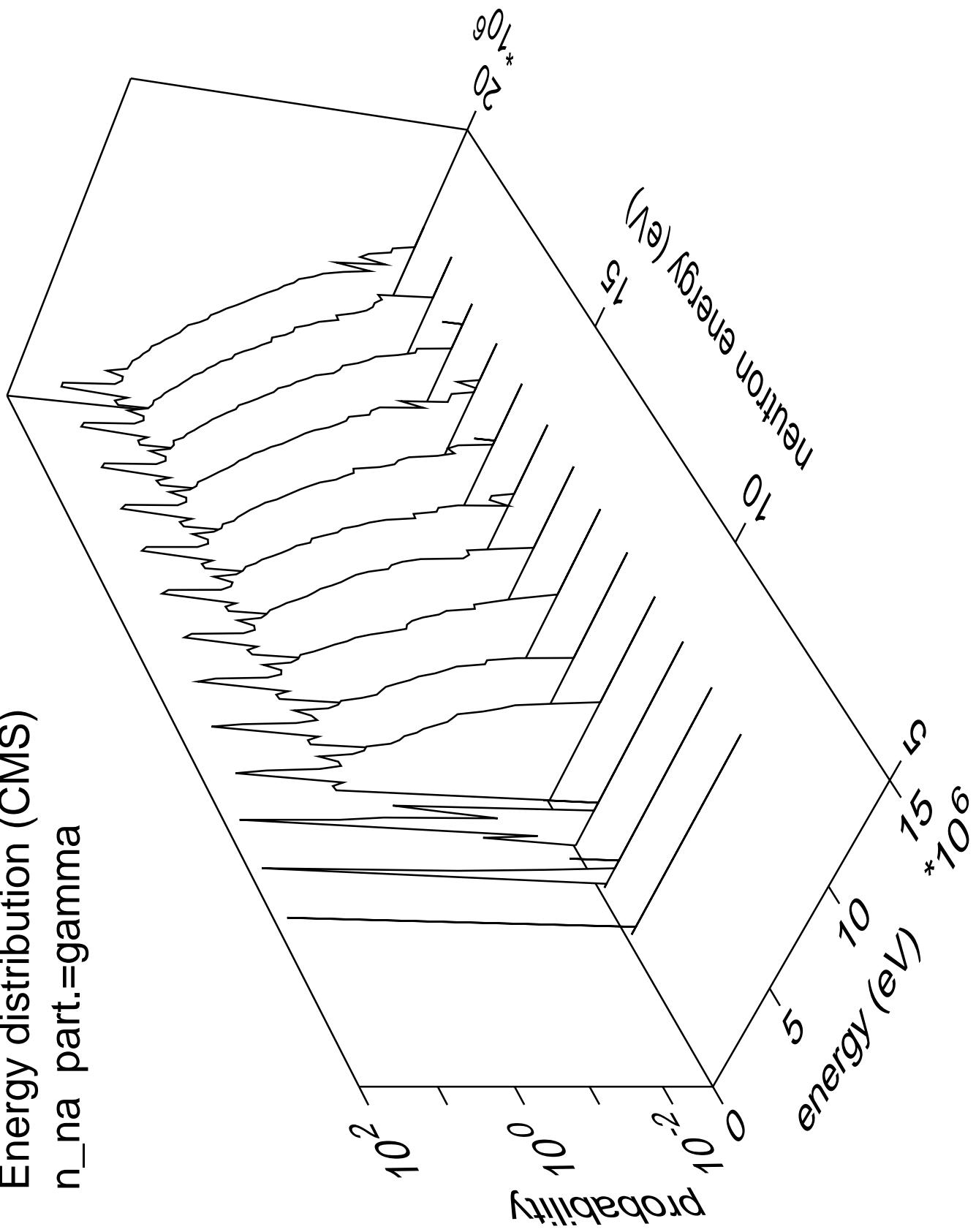
Energy distribution (CMS)  
 $n_{\text{na}} \text{ part.} = \text{neutron}$

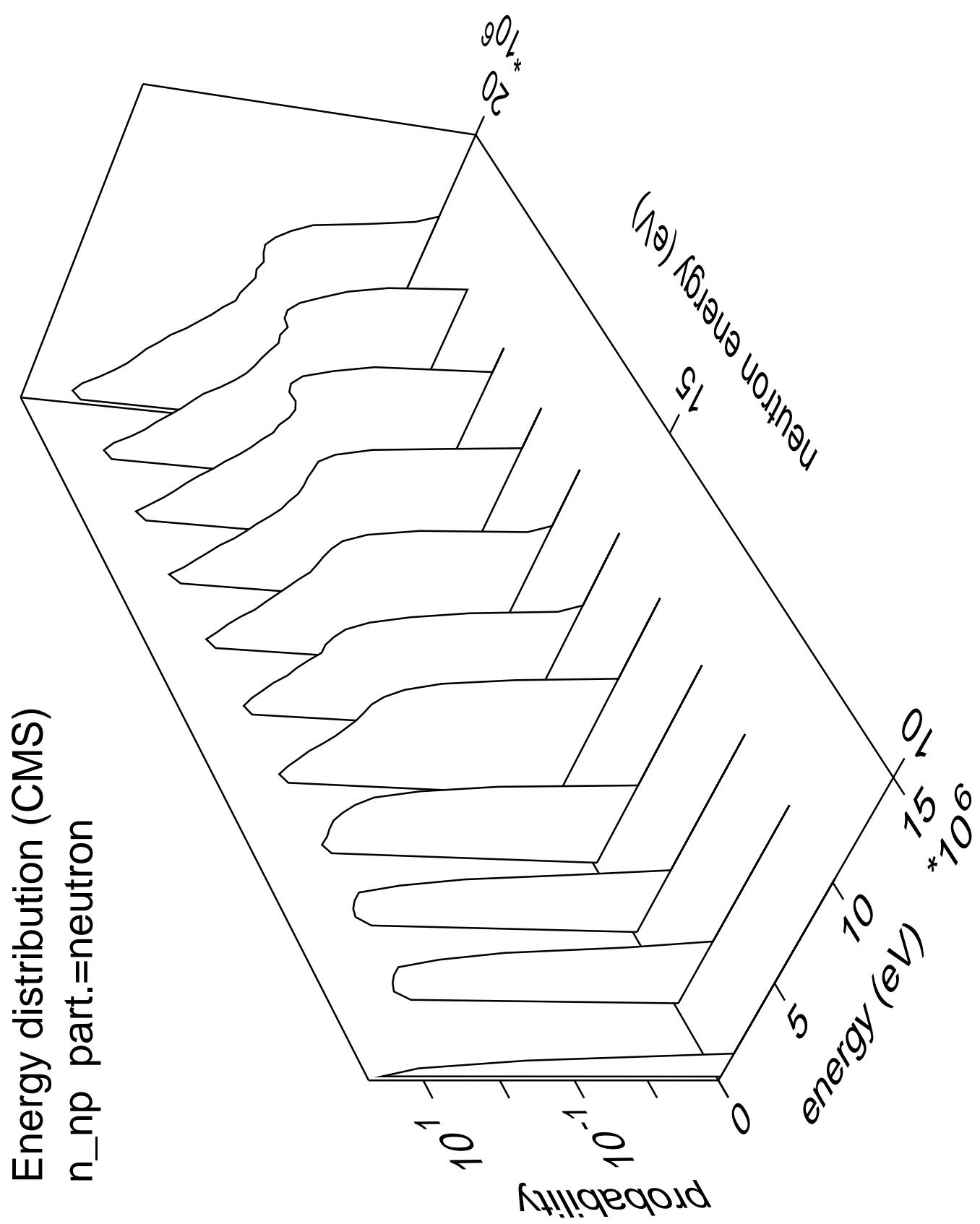


Energy distribution (CMS)  
 $n_{\text{na}} \text{ part.} = \text{alpha}$

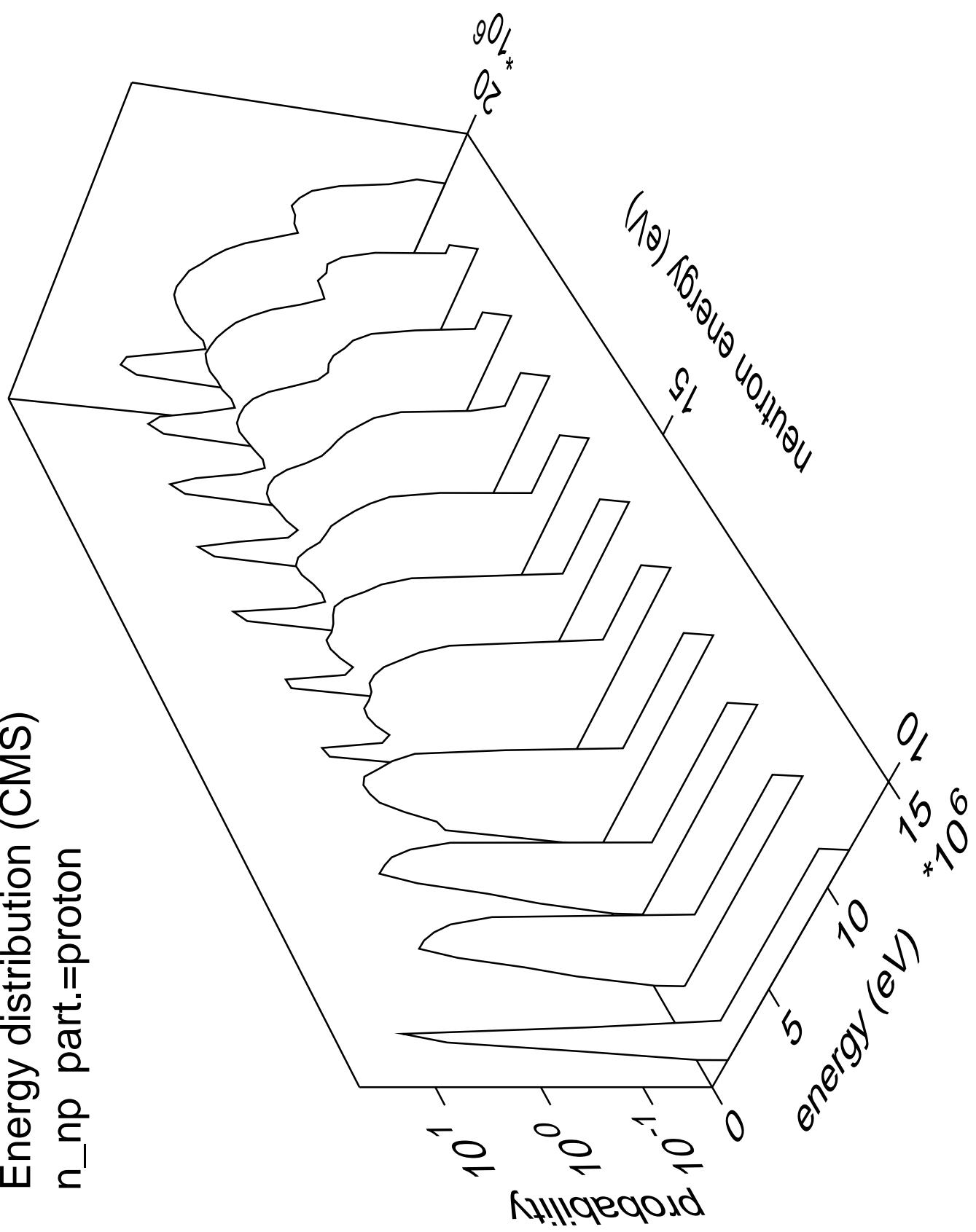


Energy distribution (CMS)  
 $n_{\text{na}}$  part.=gamma

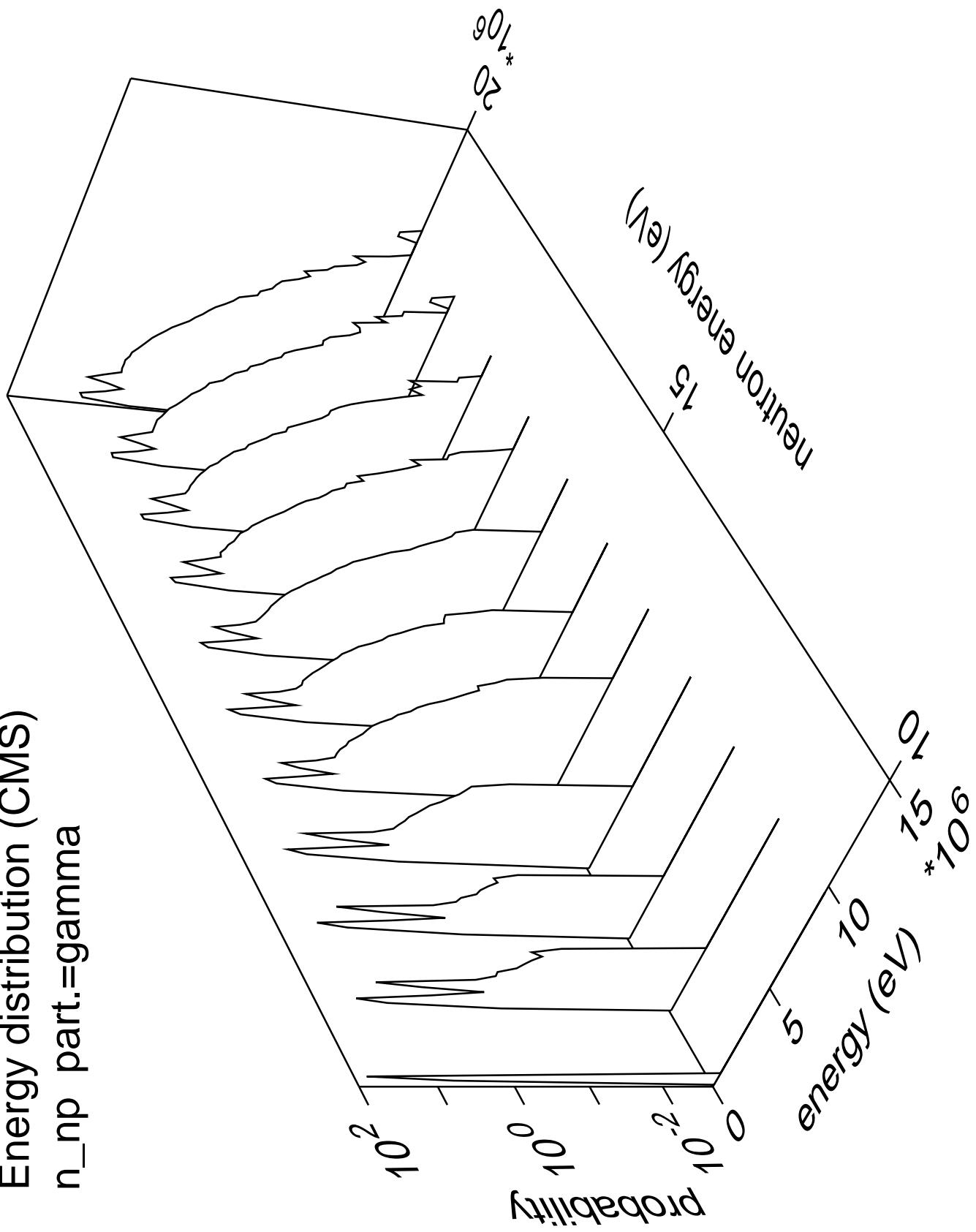




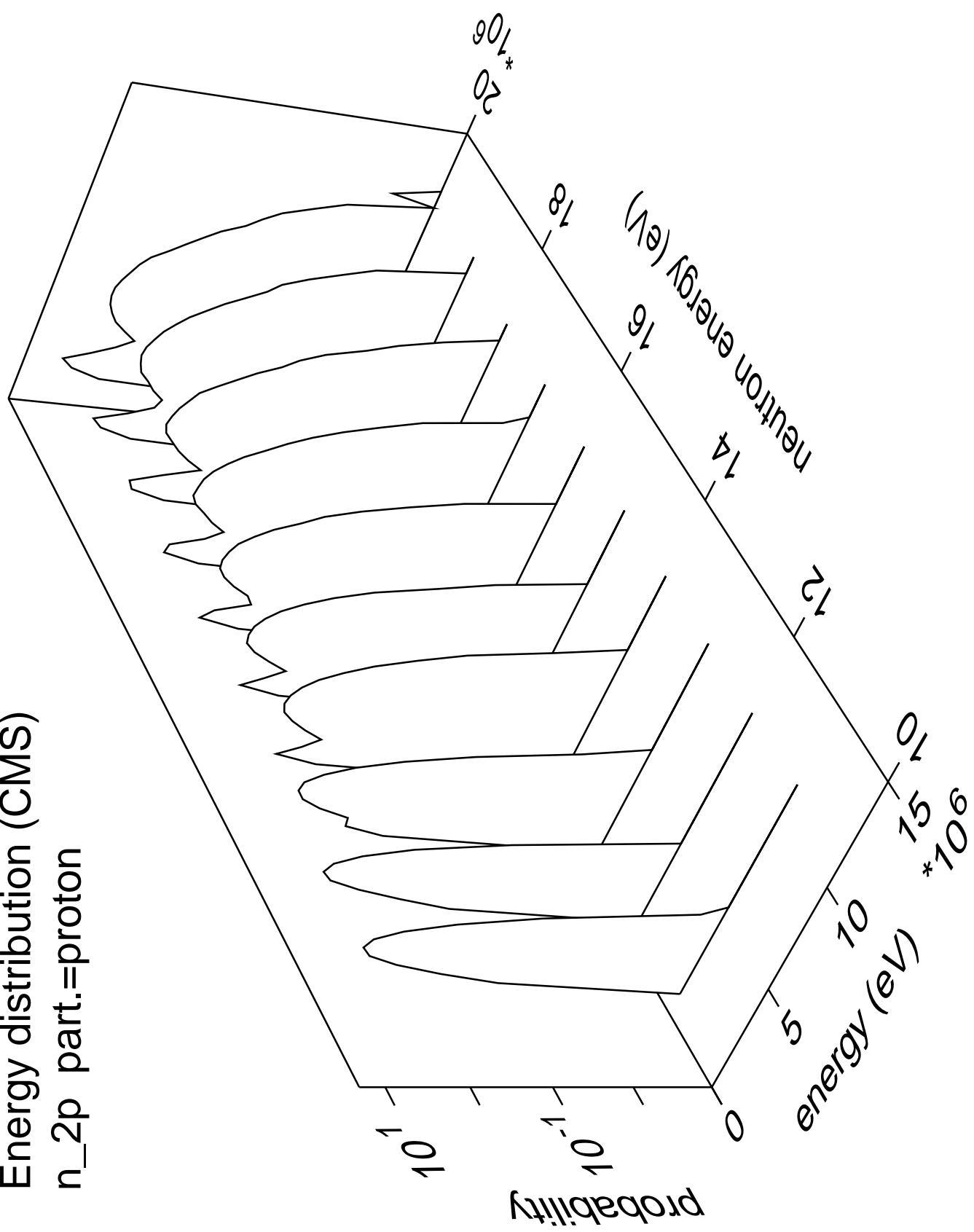
Energy distribution (CMS)  
 $n_{np}$  part.=proton



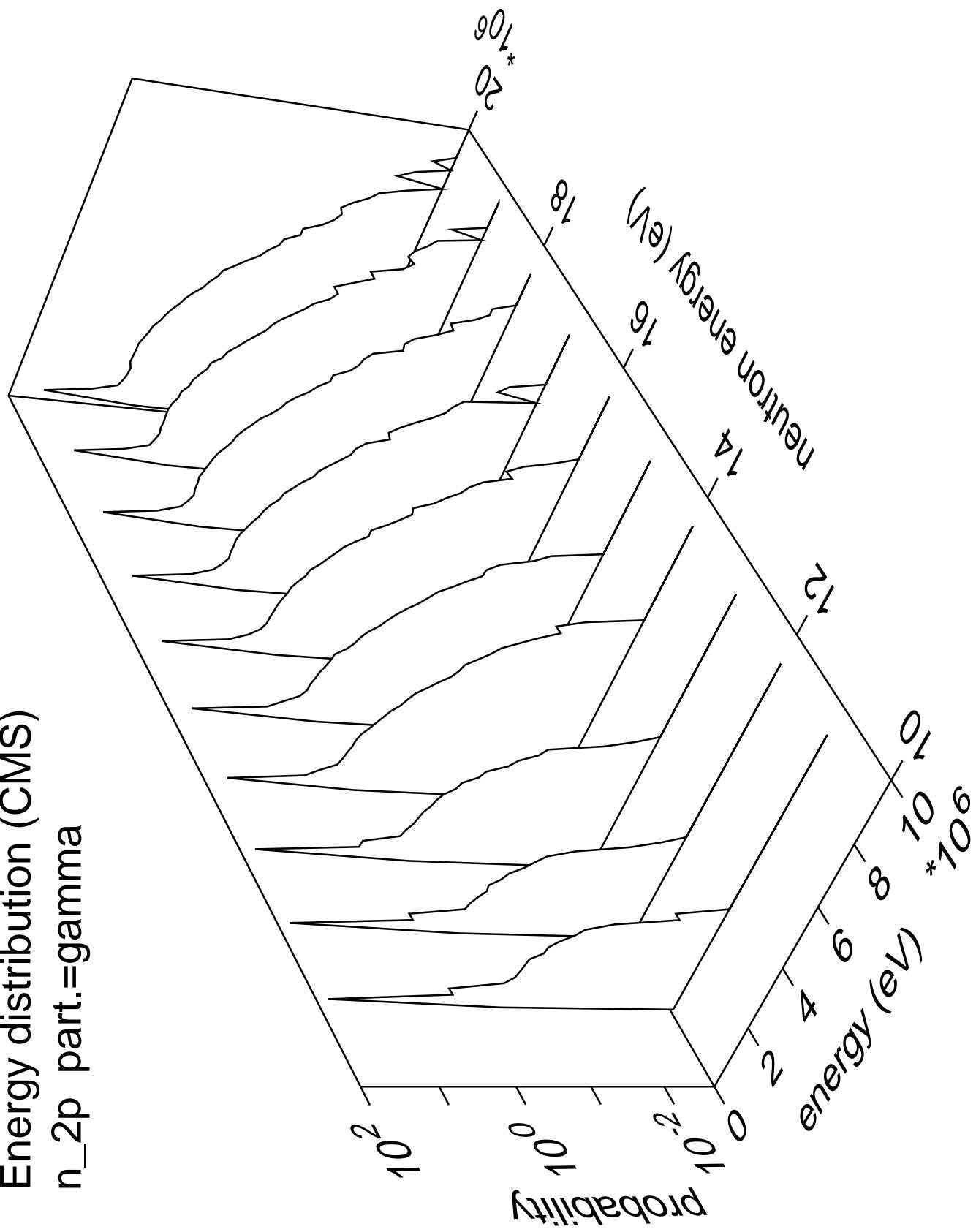
Energy distribution (CMS)  
 $n_{np}$  part.=gamma



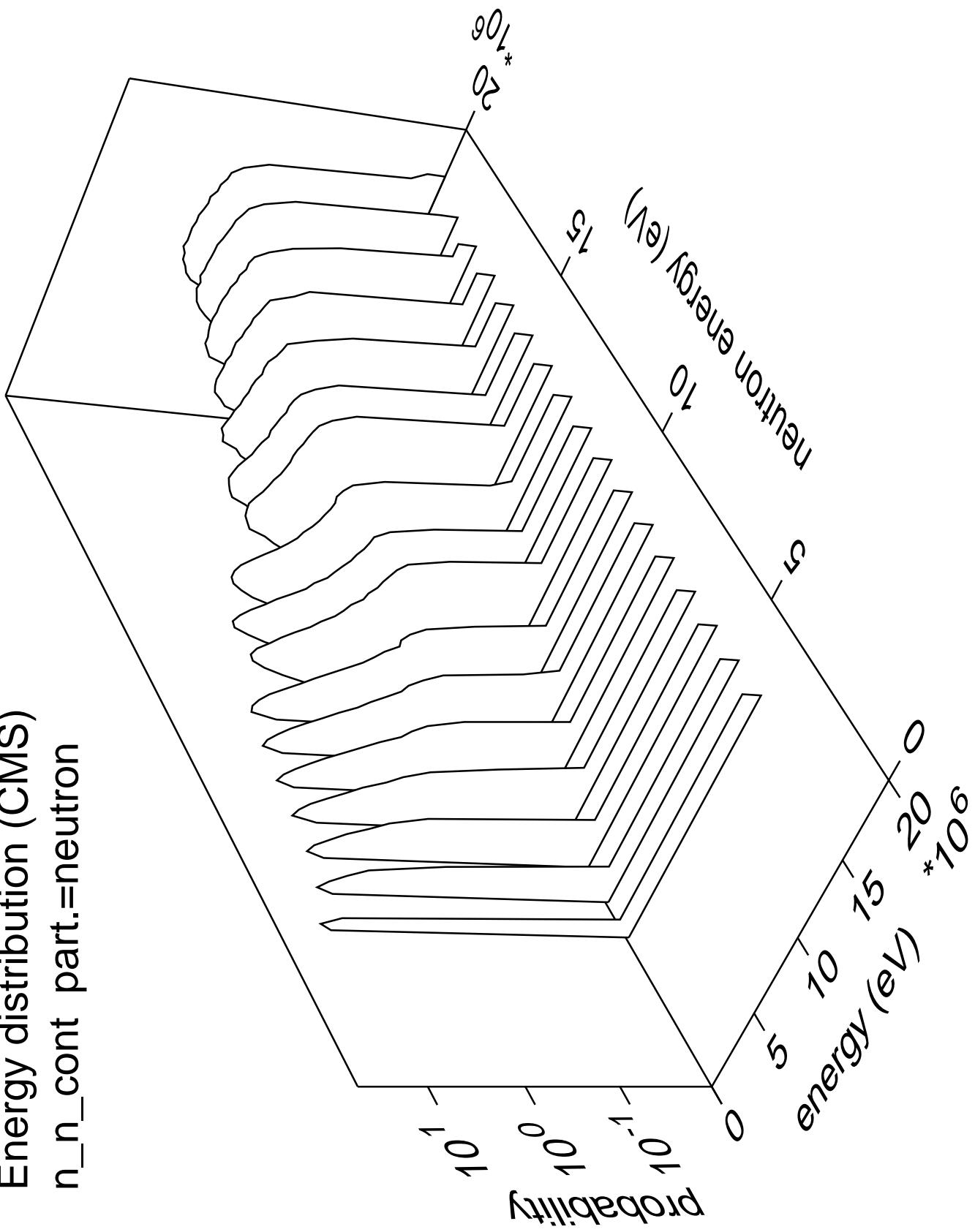
Energy distribution (CMS)  
 $n_{2p}$  part.=proton



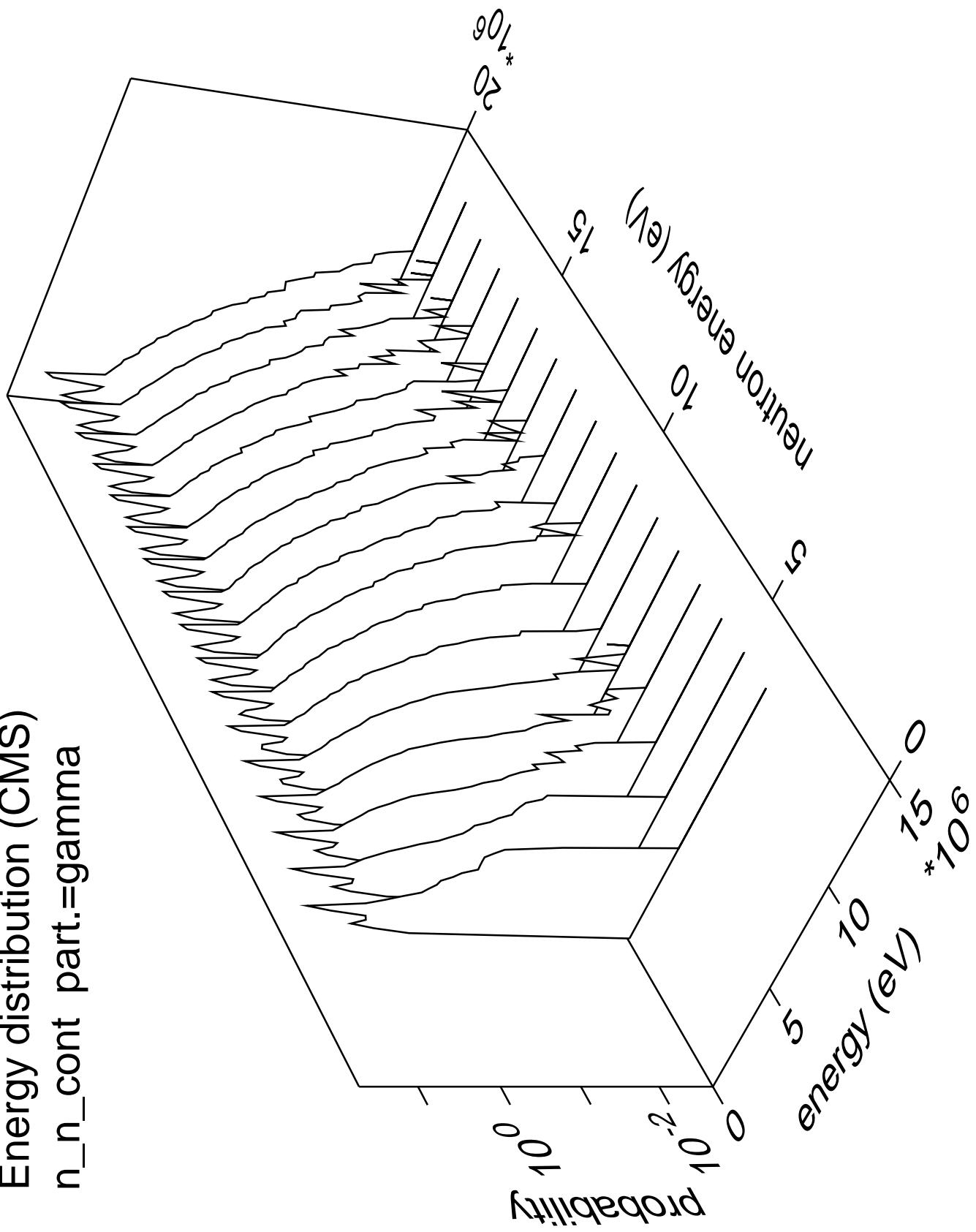
Energy distribution (CMS)  
 $n_{2p}$  part.=gamma

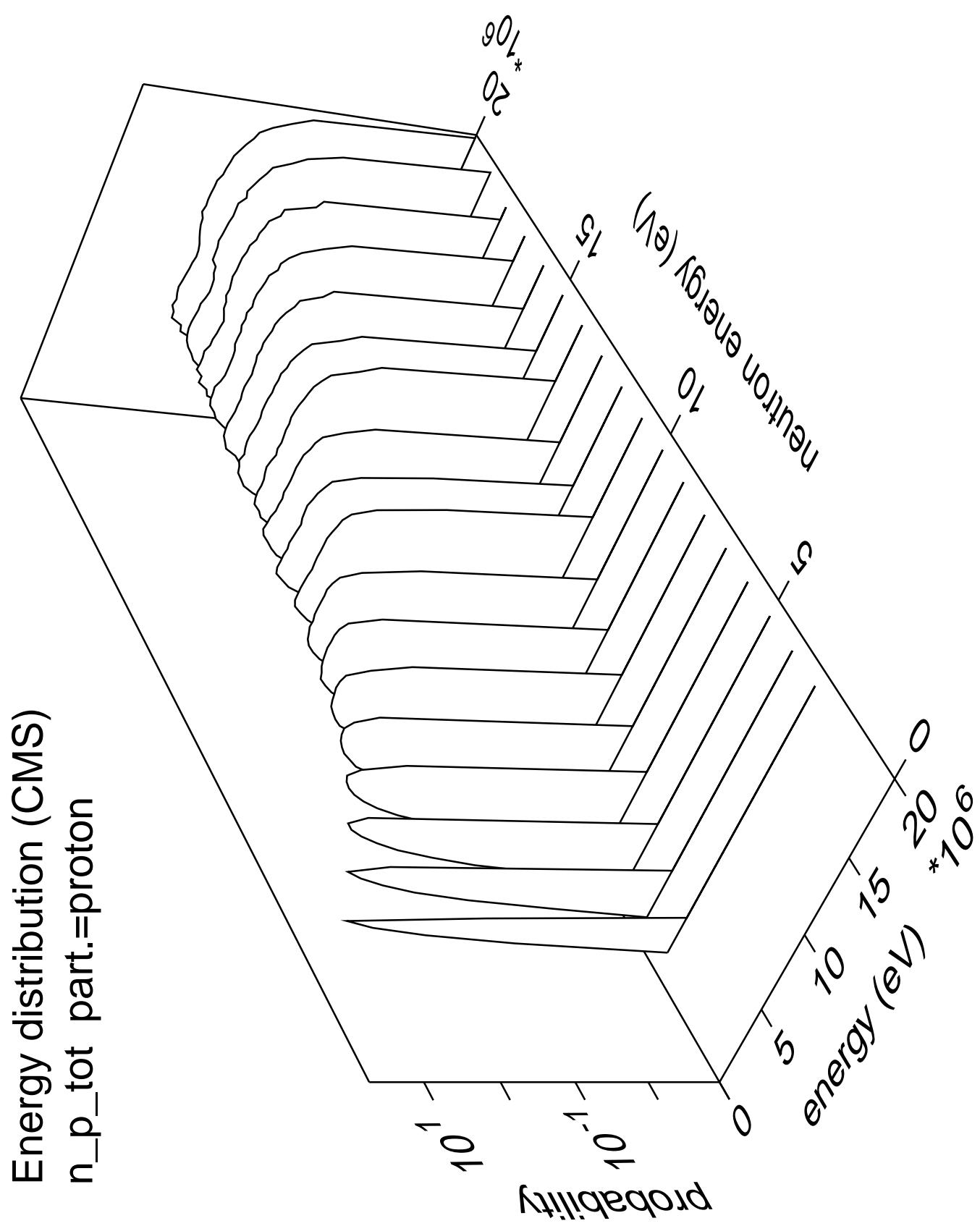


Energy distribution (CMS)  
 $n_n_{cont}$  part.=neutron

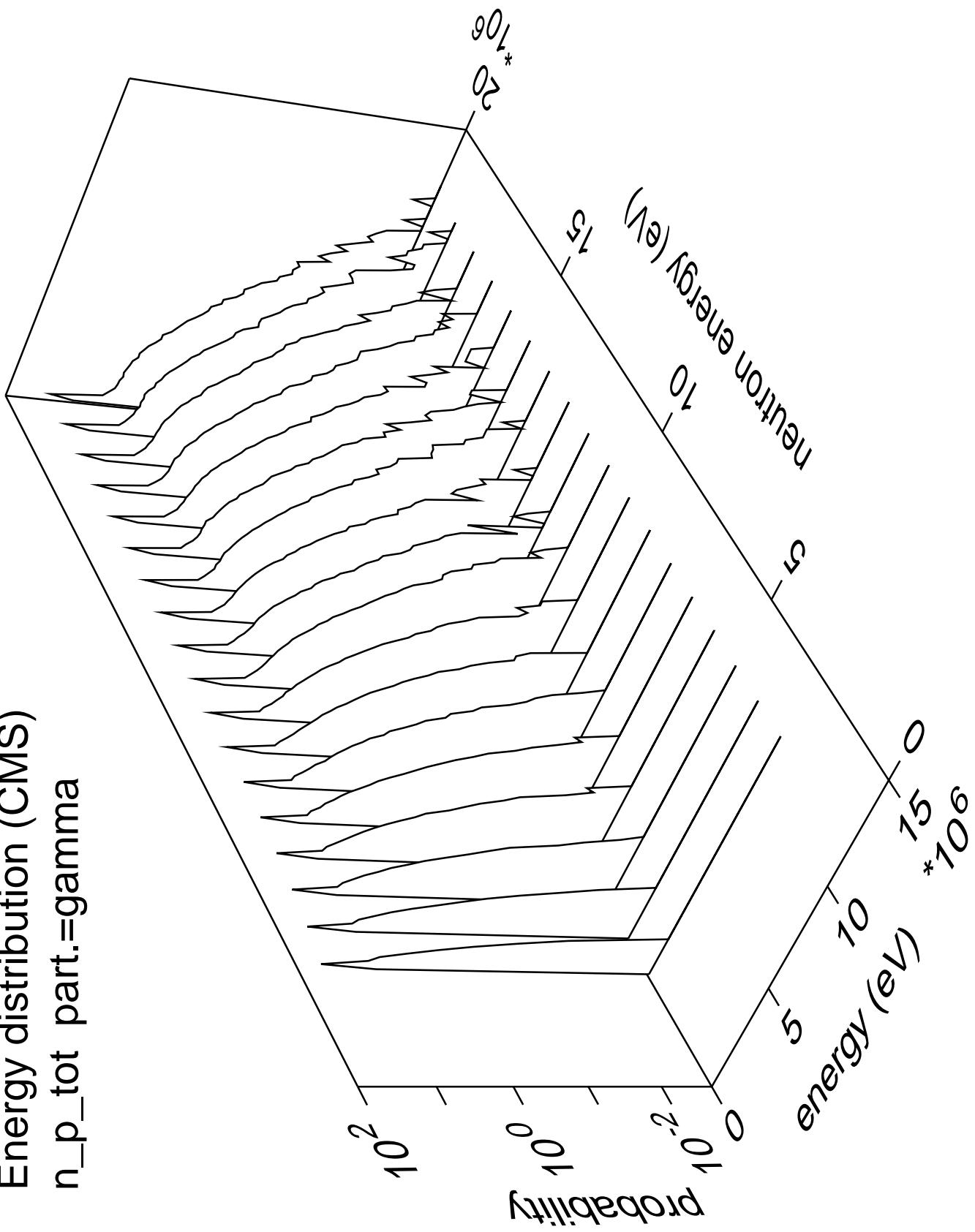


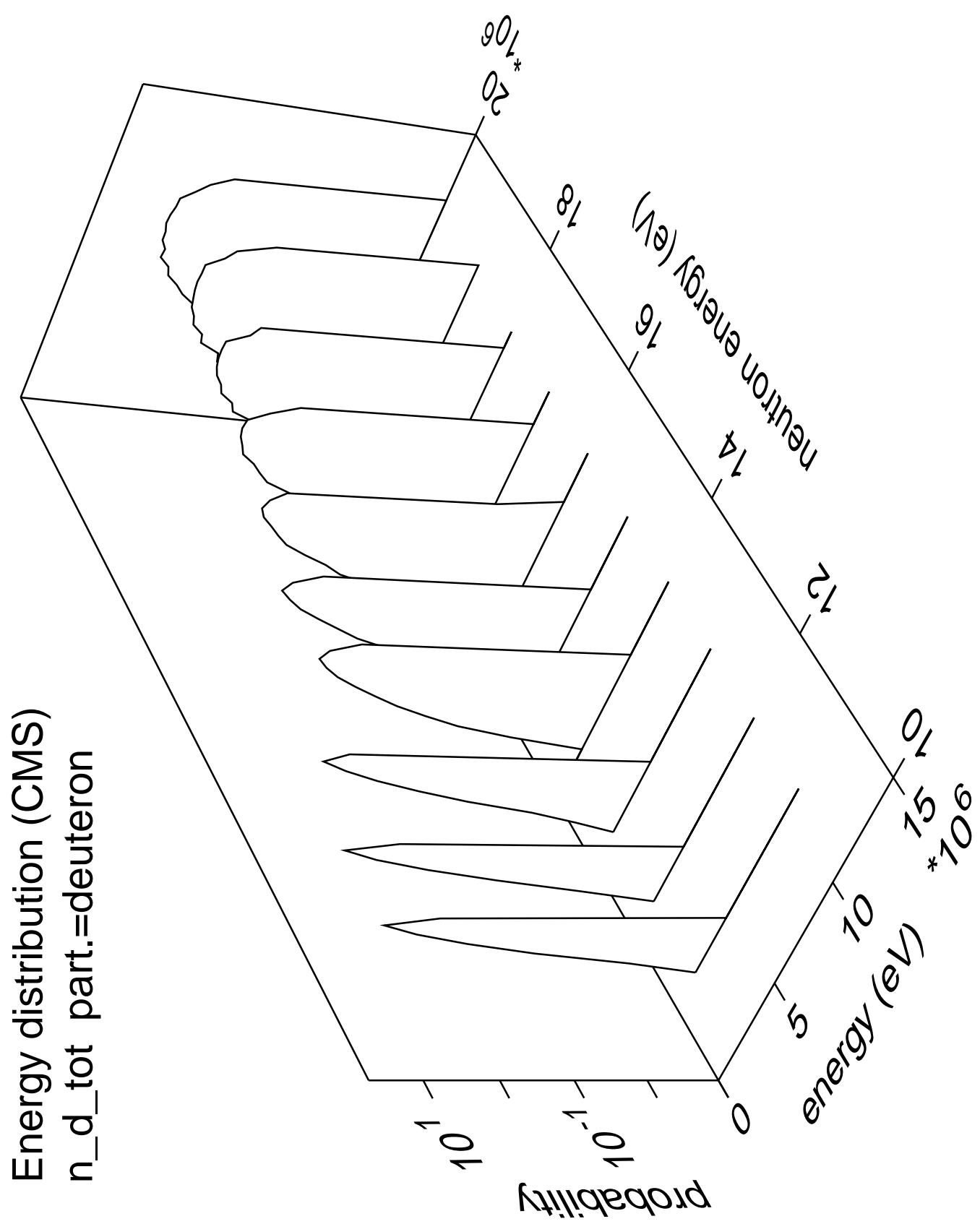
Energy distribution (CMS)  
n\_n\_cont part.=gamma



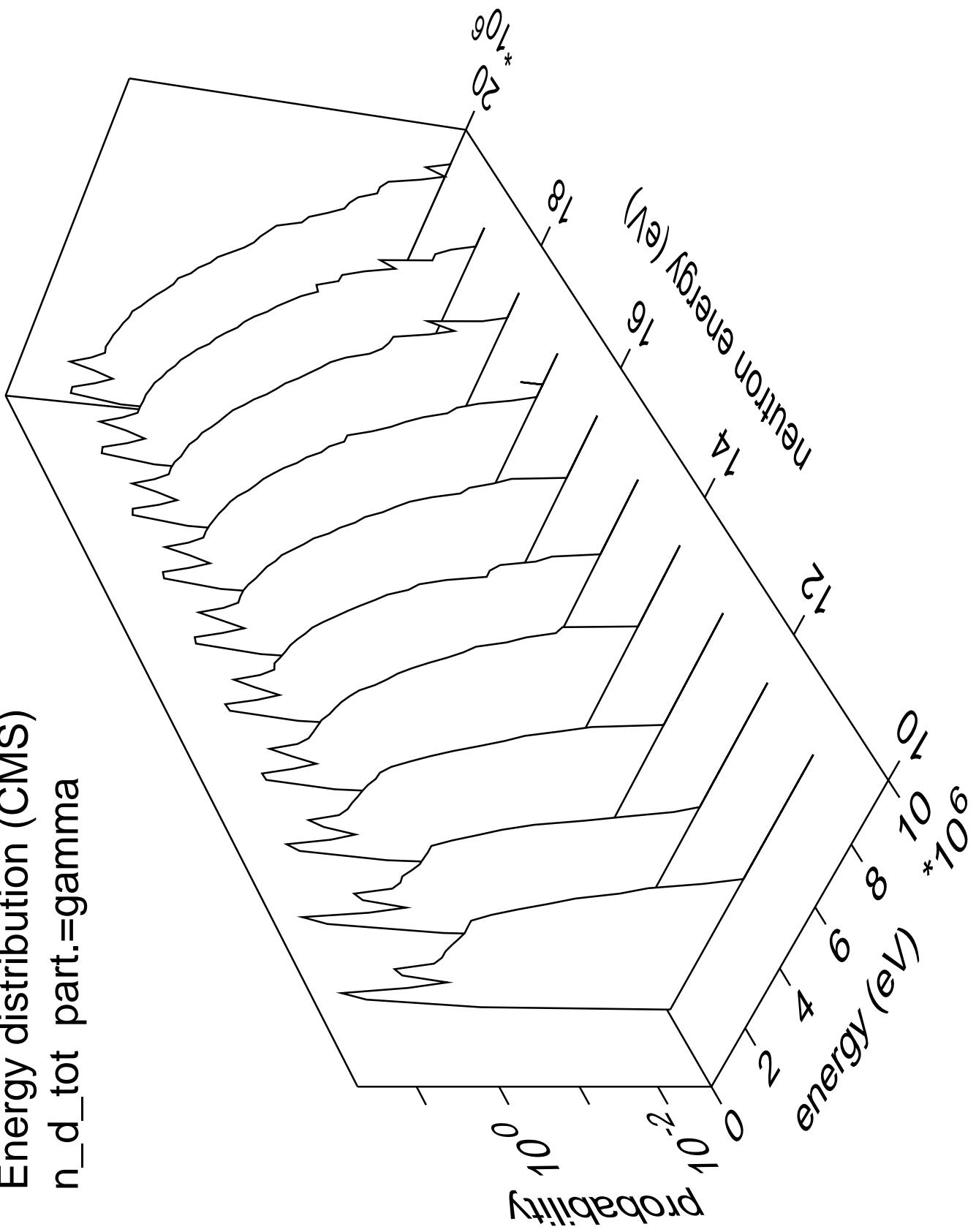


Energy distribution (CMS)  
 $n_{p_{\text{tot}} \text{ part.}=\text{gamma}}$

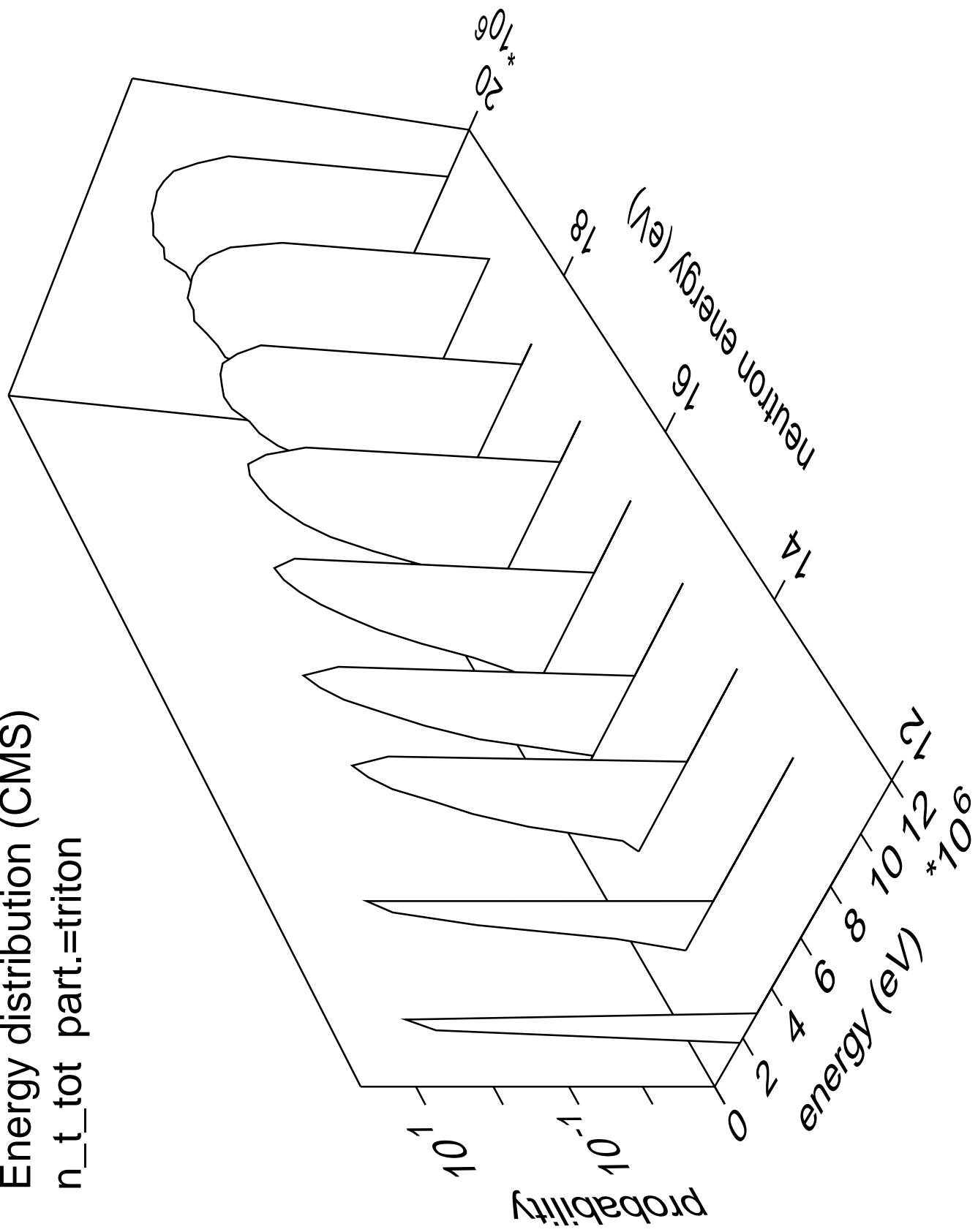


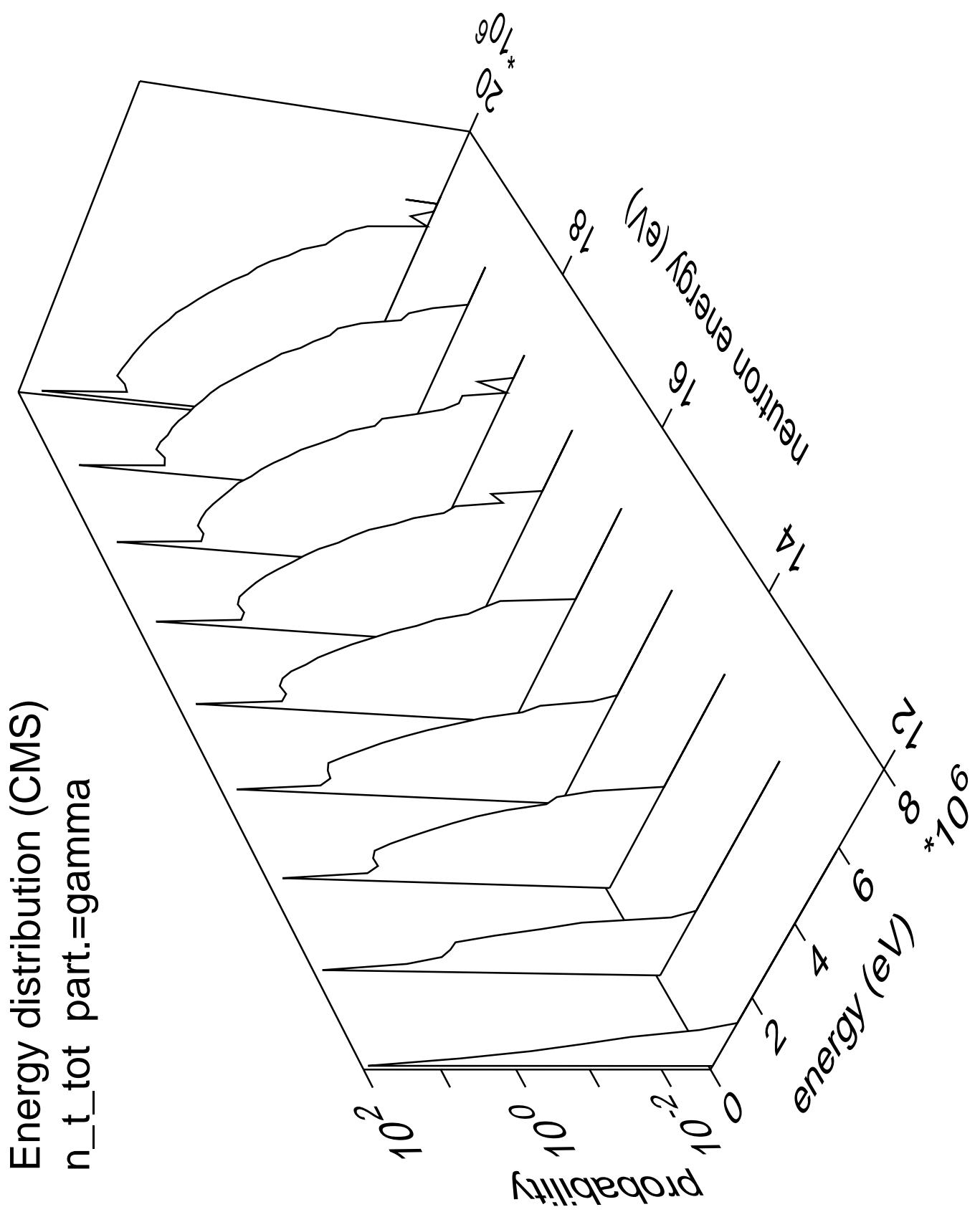


Energy distribution (CMS)  
 $n_d_{tot}$  part.=gamma

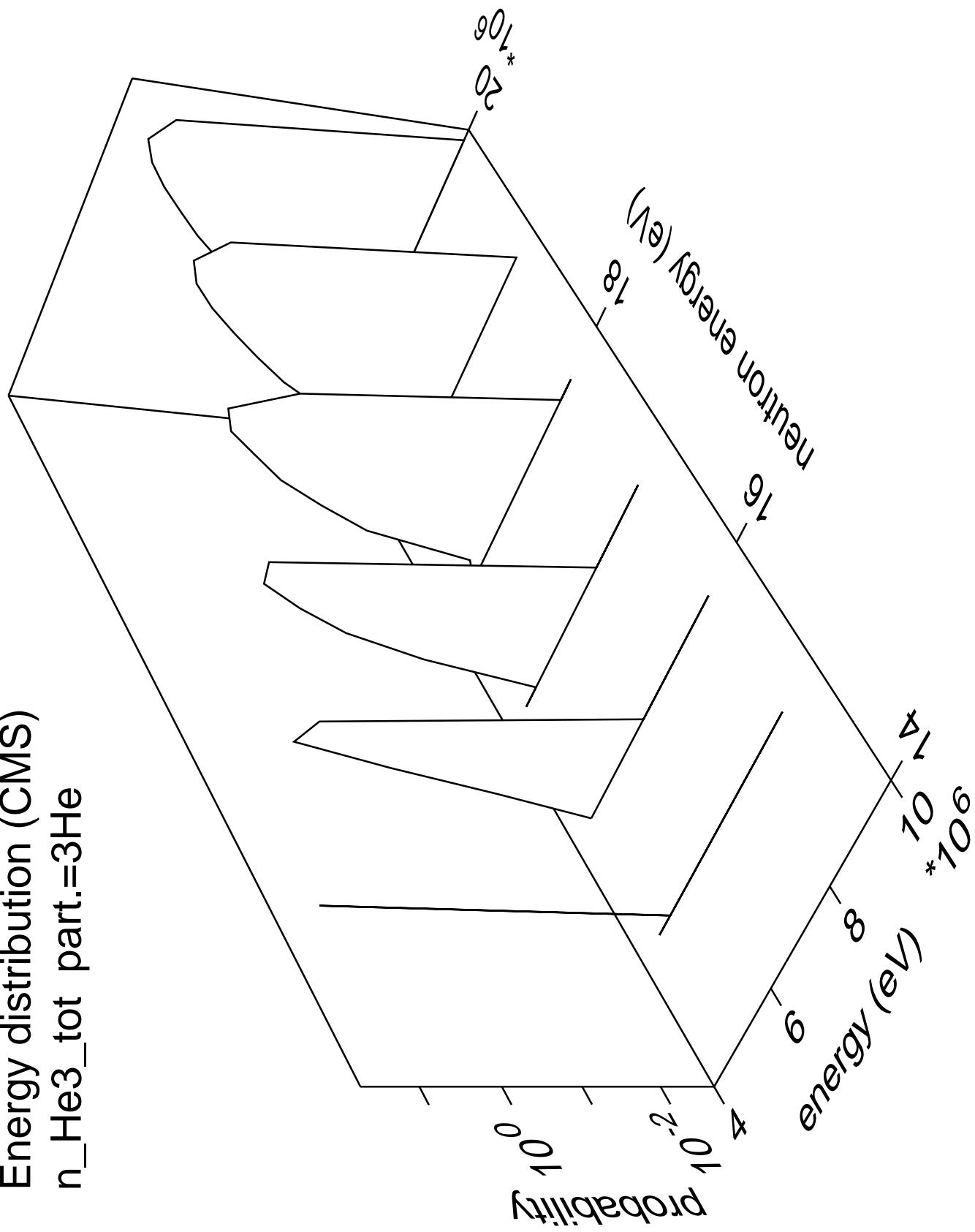


Energy distribution (CMS)  
 $n_t$  tot part.=triton

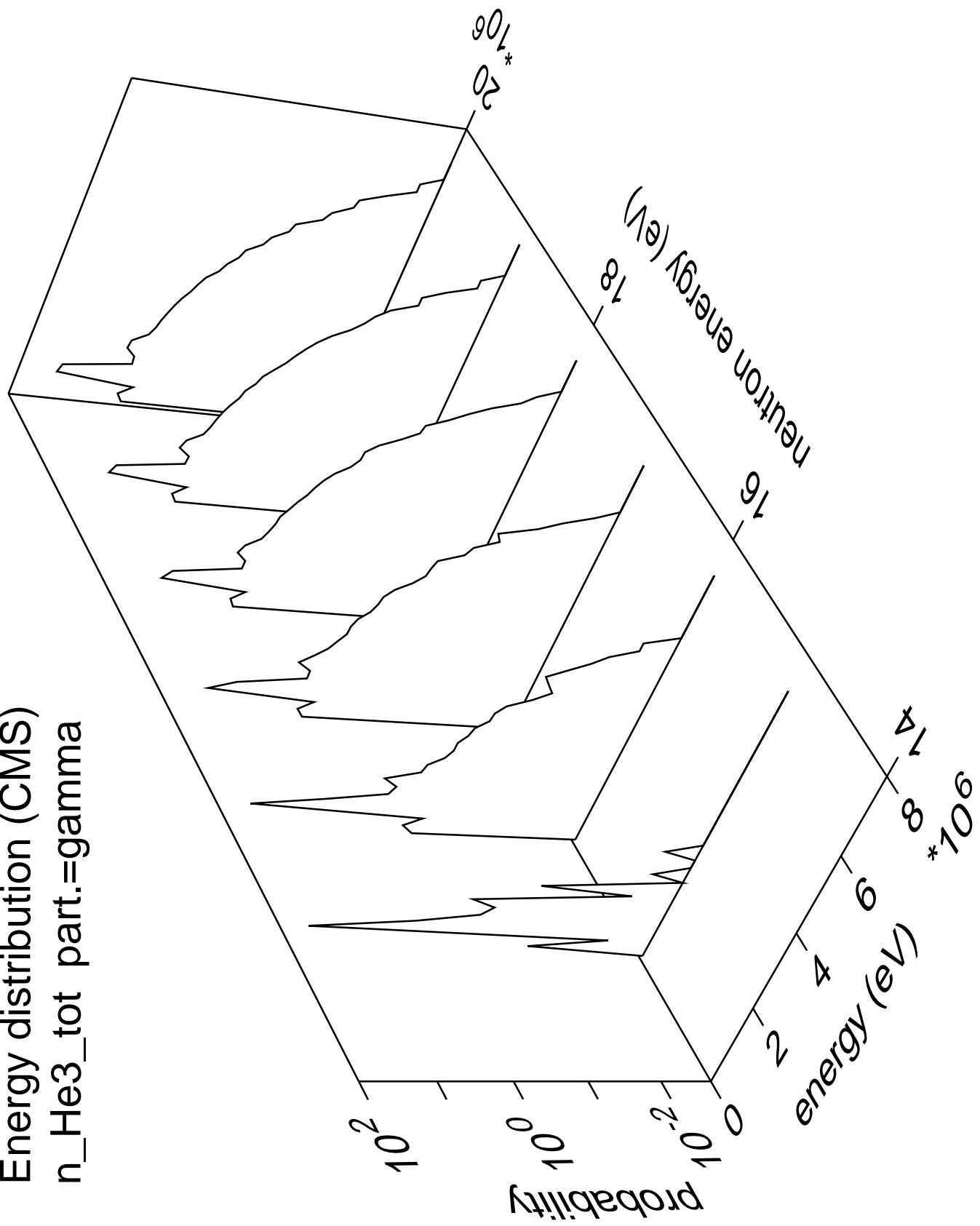




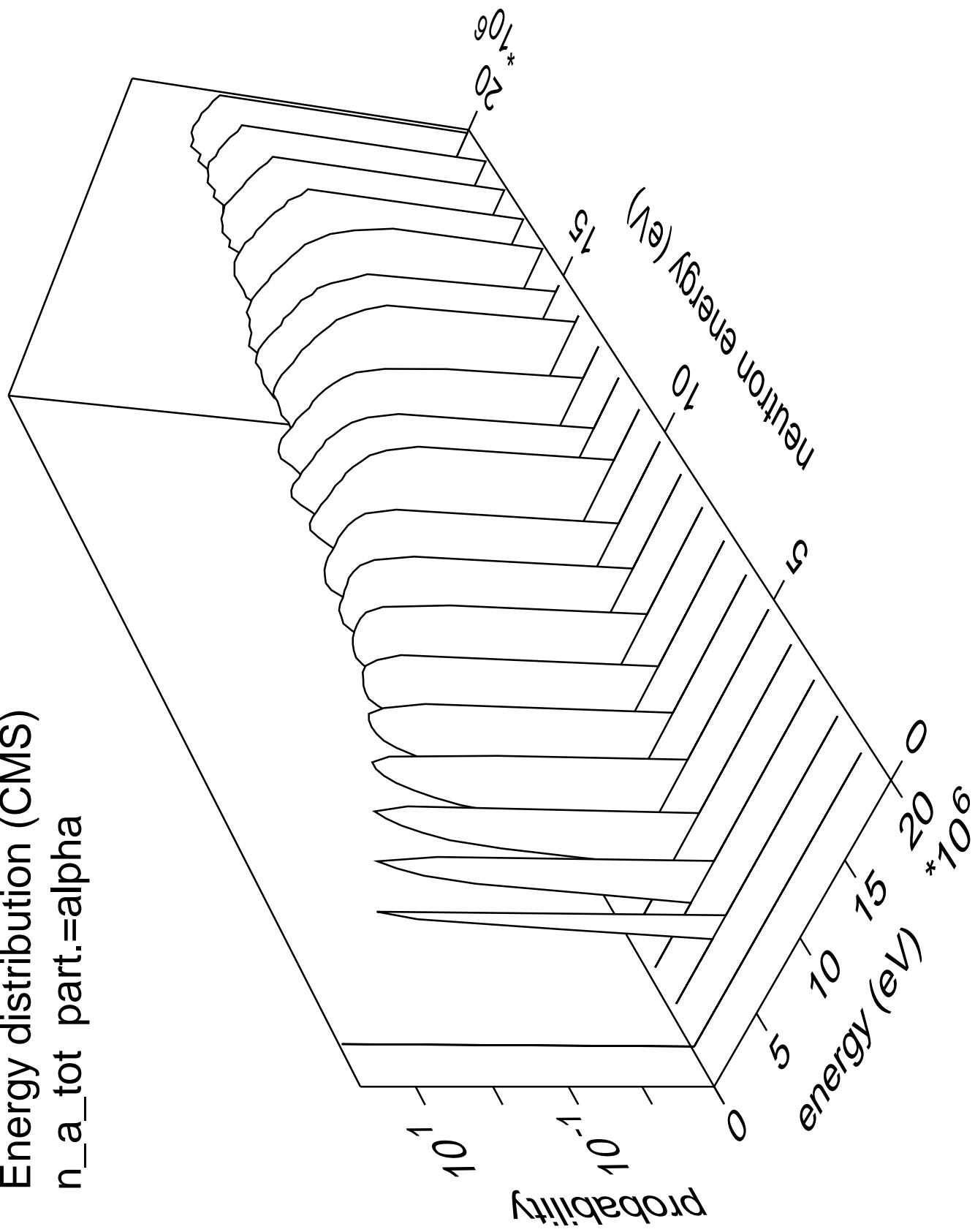
Energy distribution (CMS)  
 $n_{\text{He3\_tot}}$  part.=3He



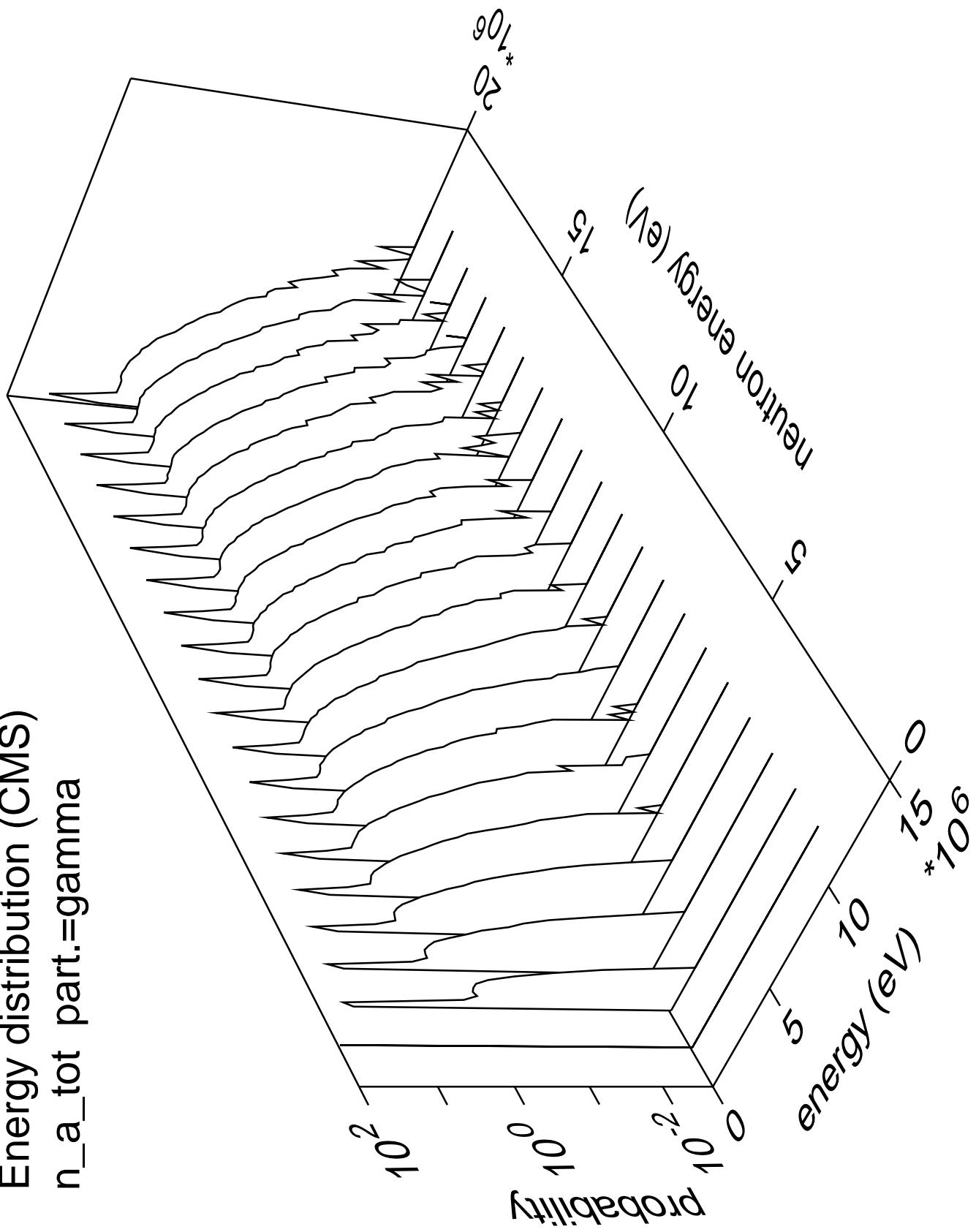
Energy distribution (CMS)  
 $n_{\text{He3\_tot}}$  part.=gamma



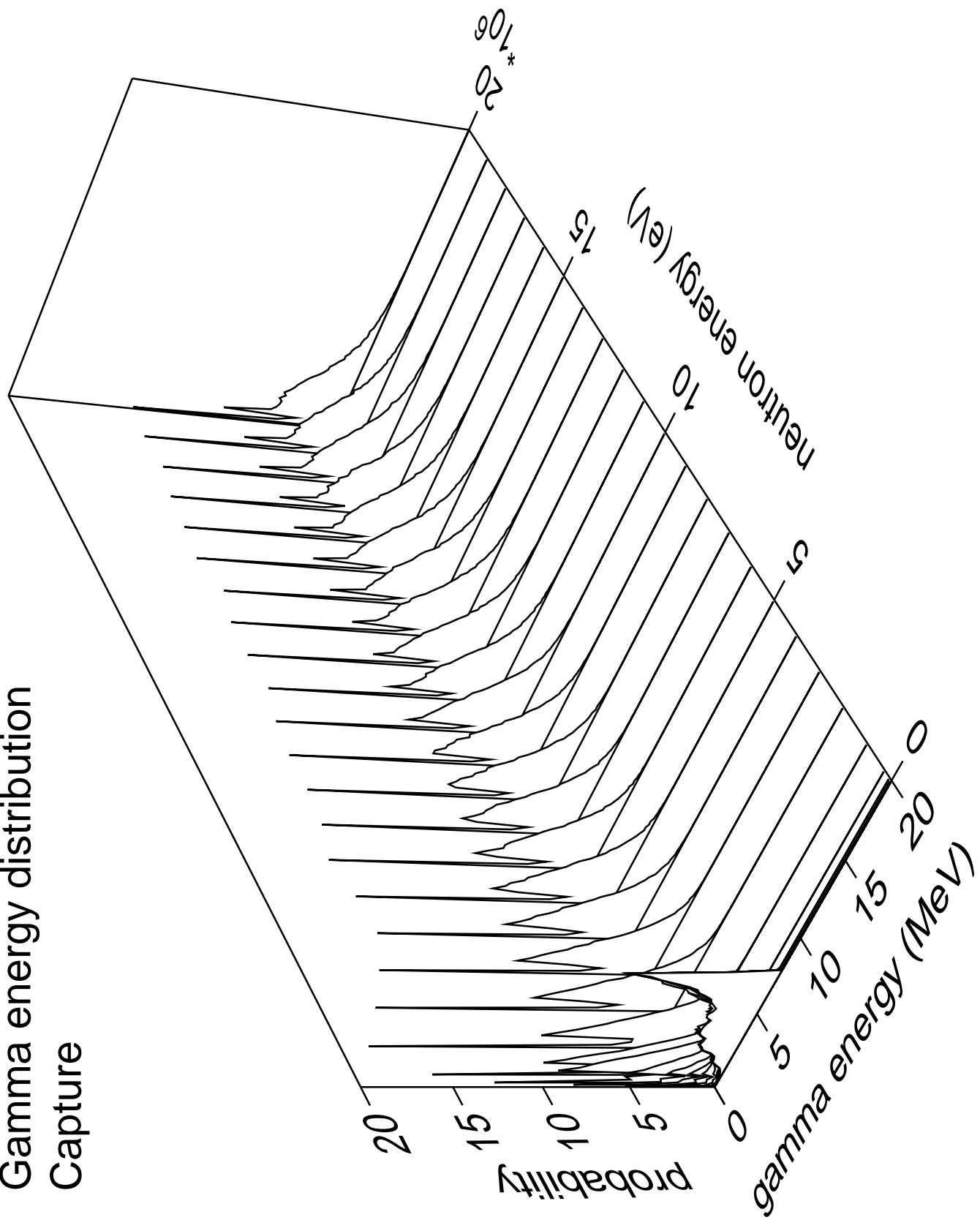
Energy distribution (CMS)  
 $n_a_{tot}$  part.=alpha



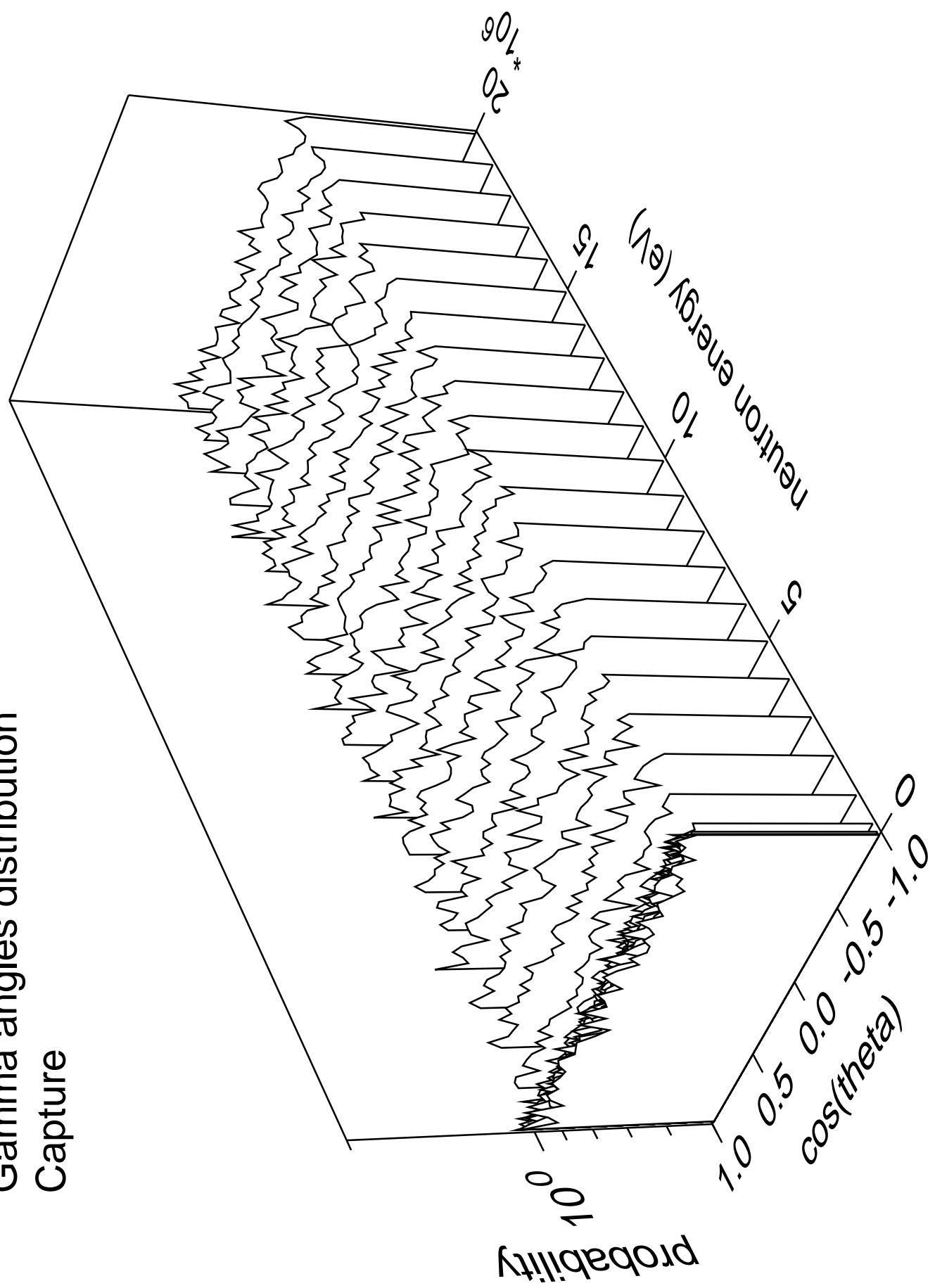
Energy distribution (CMS)  
 $n_a_{tot}$  part.=gamma



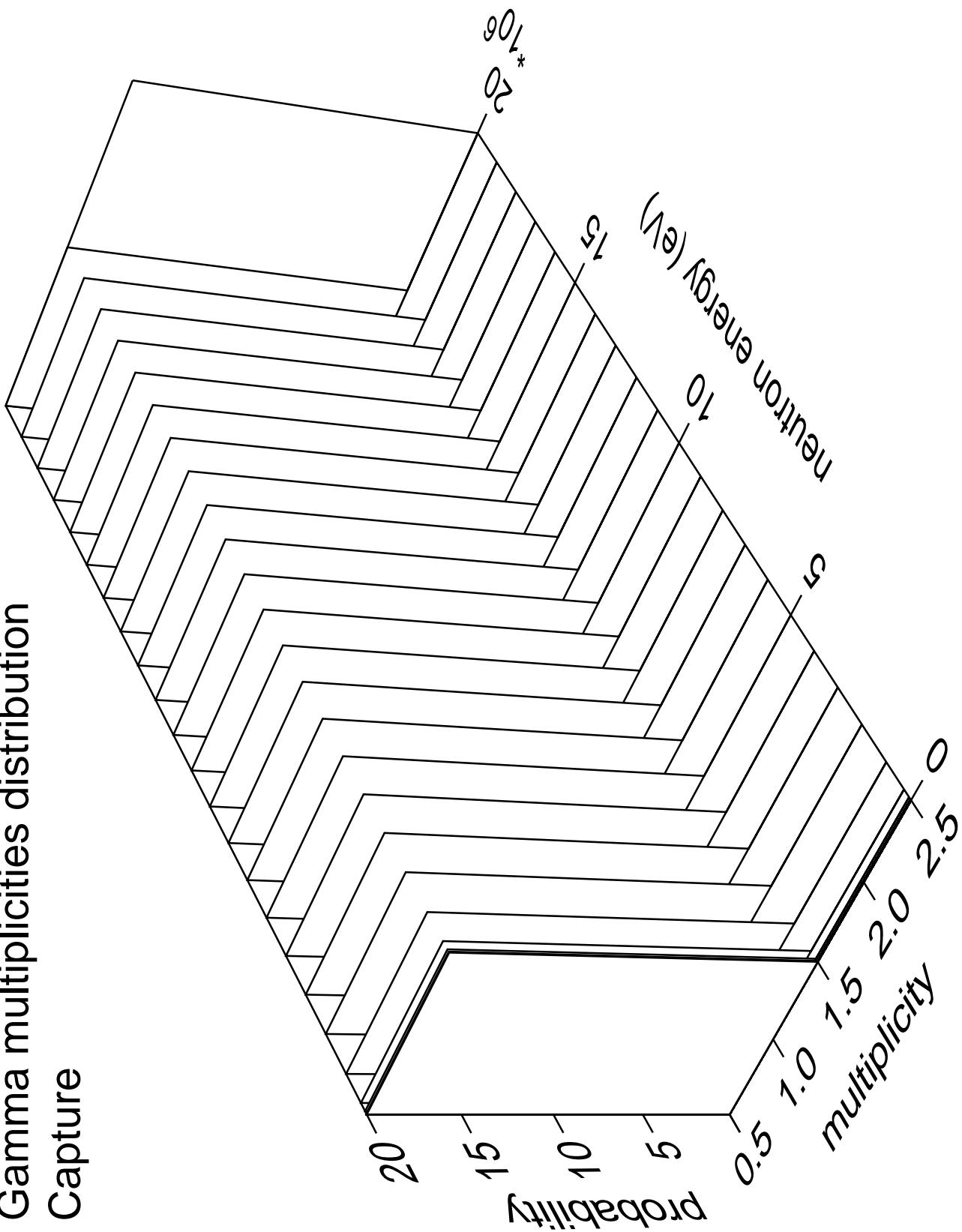
# Gamma energy distribution Capture



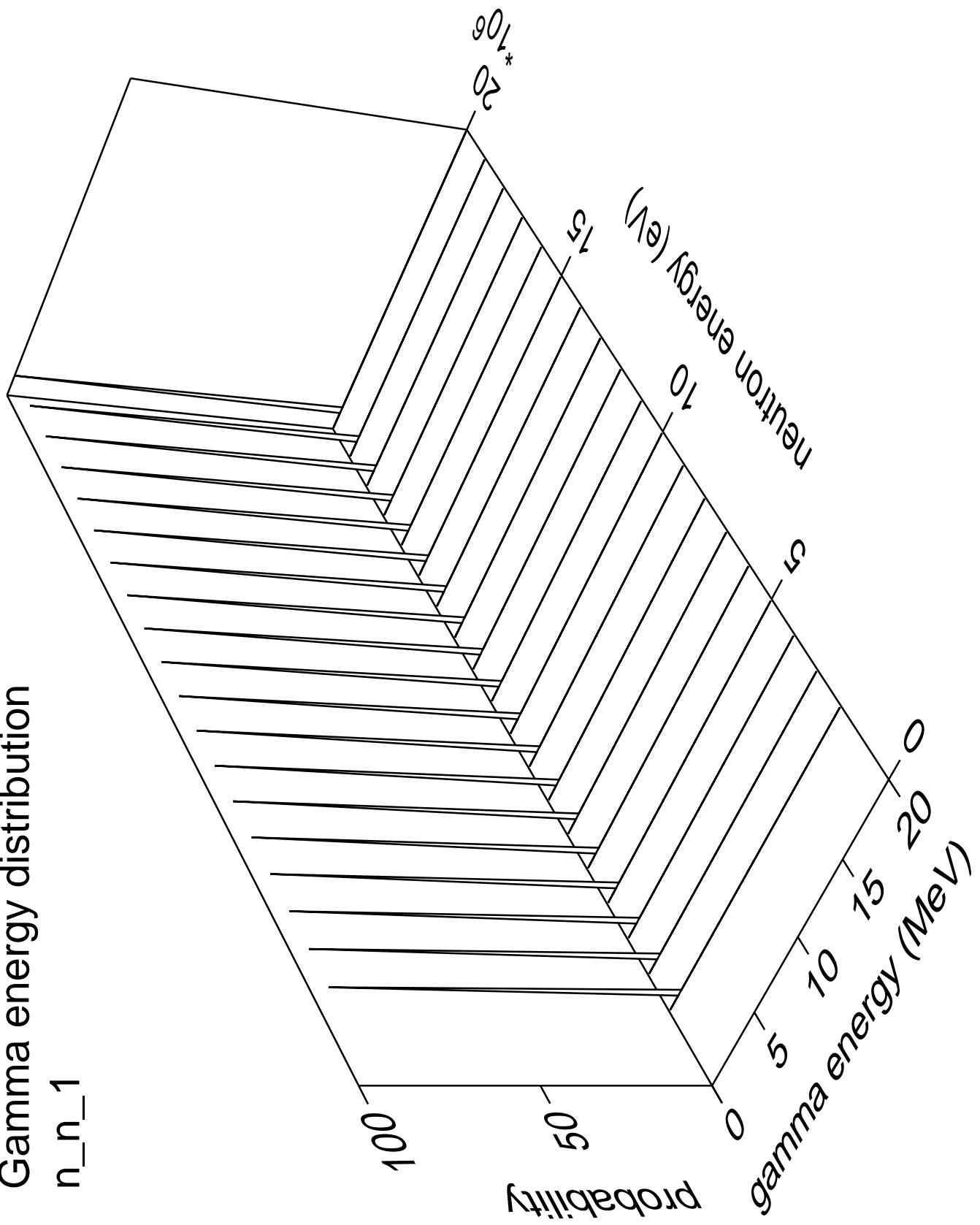
# Gamma angles distribution Capture



# Gamma multiplicities distribution Capture



# $n_n_1$



Gamma angles distribution

$n_{n_1}$

Probability

$10^0$

Neutron energy (eV)

$10^6$

$10^5$

$10^4$

$10^3$

$10^2$

$10^1$

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

$10^{-7}$

$10^{-8}$

$10^{-9}$

$10^{-10}$

$10^{-11}$

$10^{-12}$

$10^{-13}$

$10^{-14}$

$10^{-15}$

$\cos(\theta)$

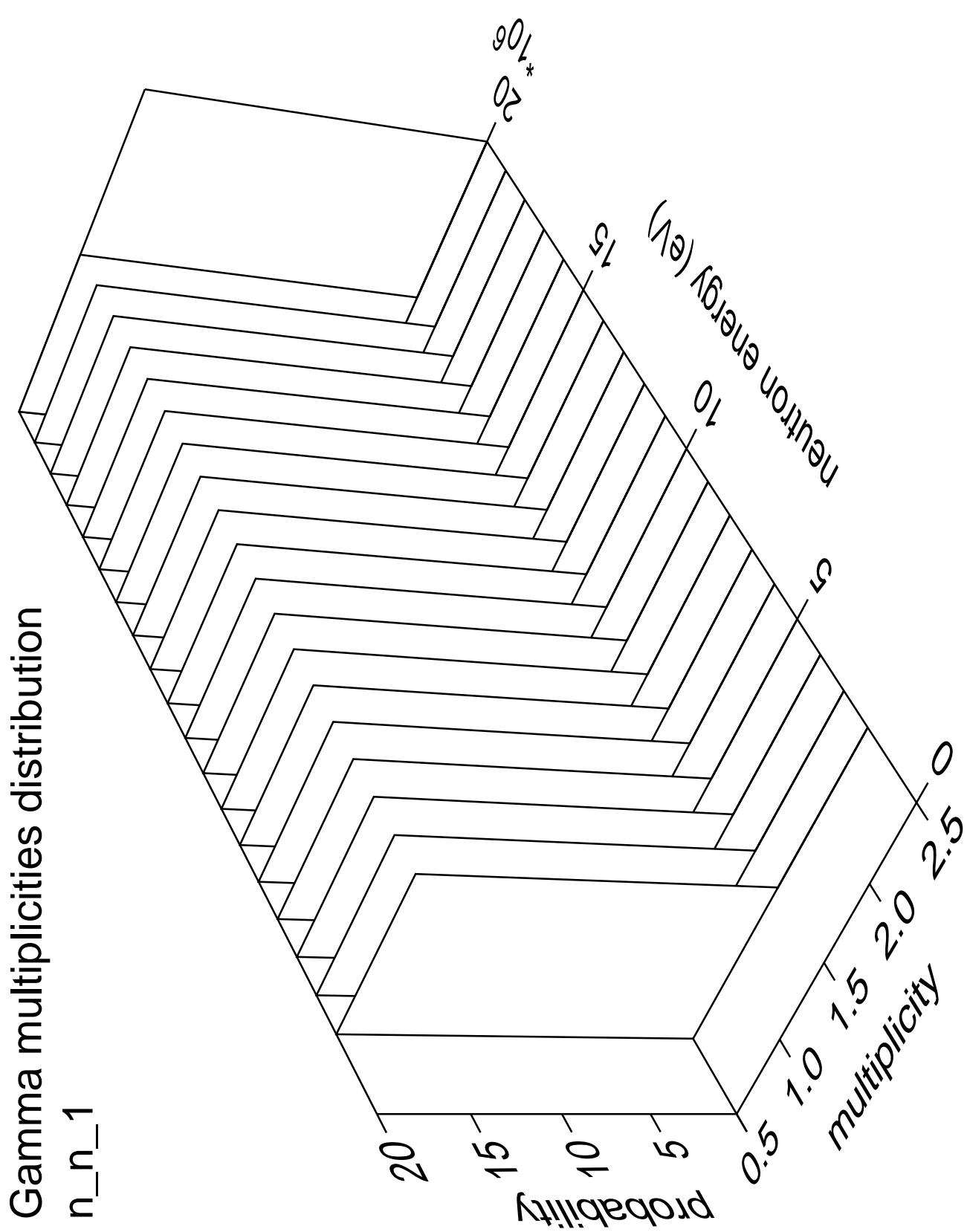
$1.0$

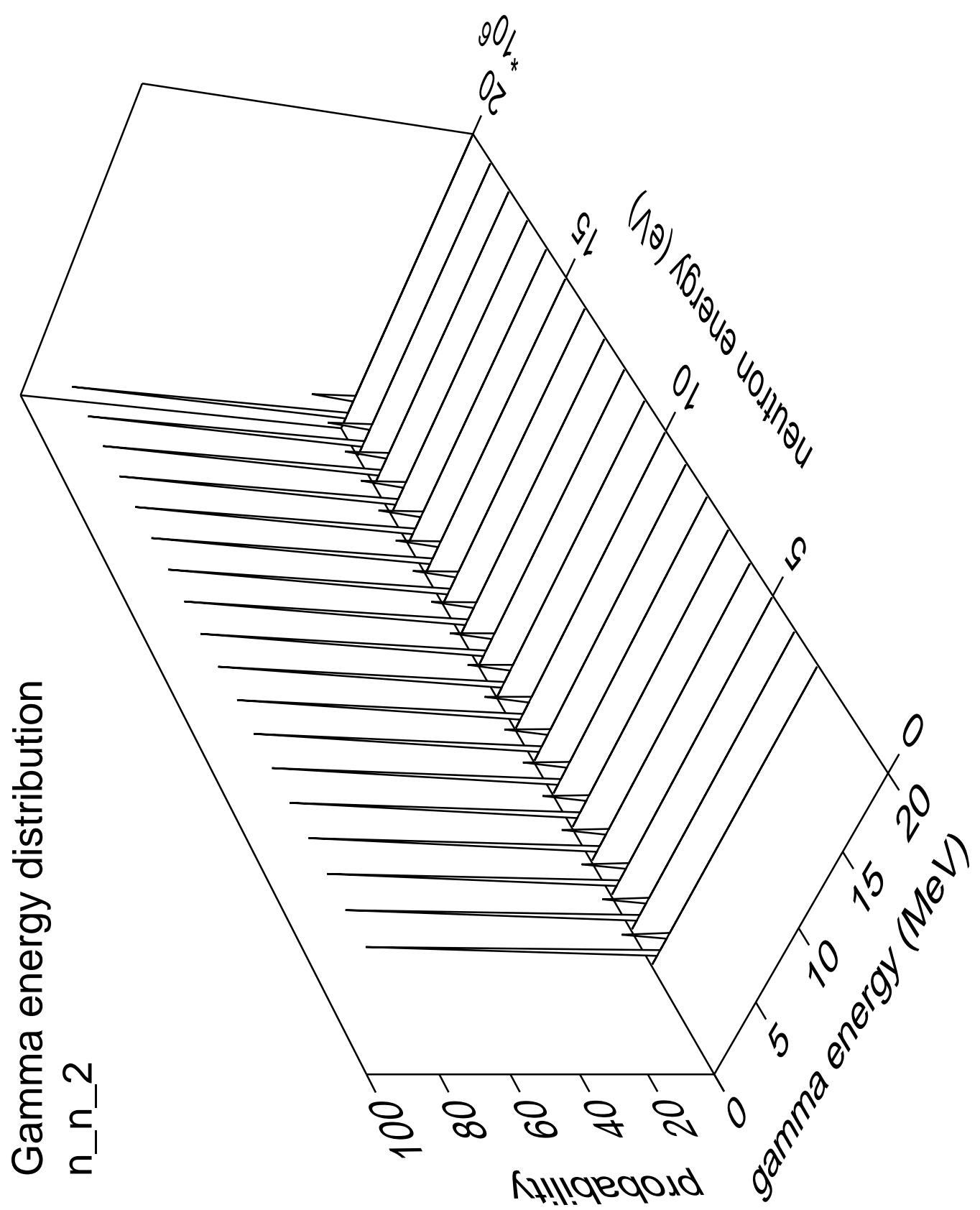
$0.5$

$0.0$

$-0.5$

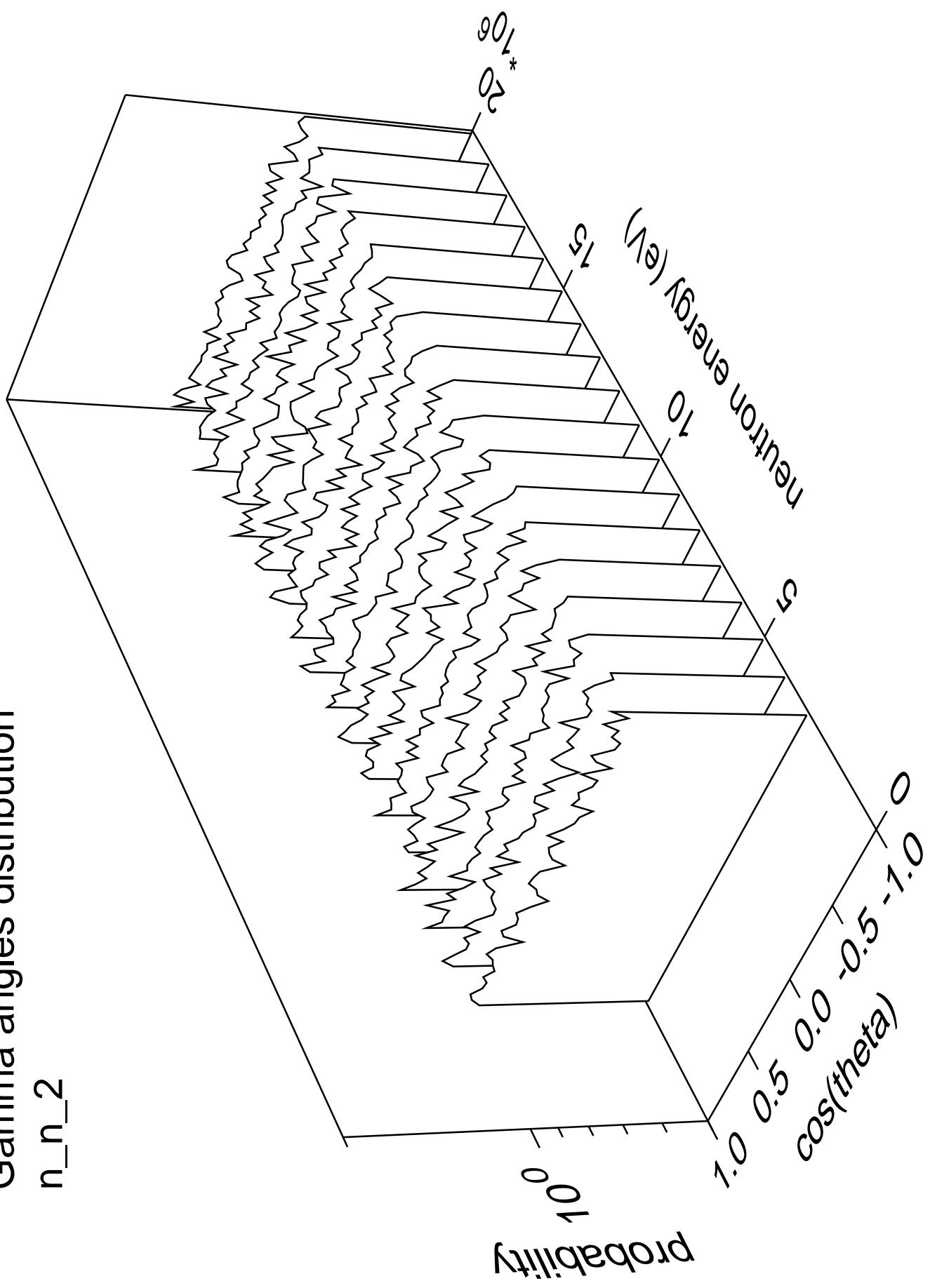
$-1.0$

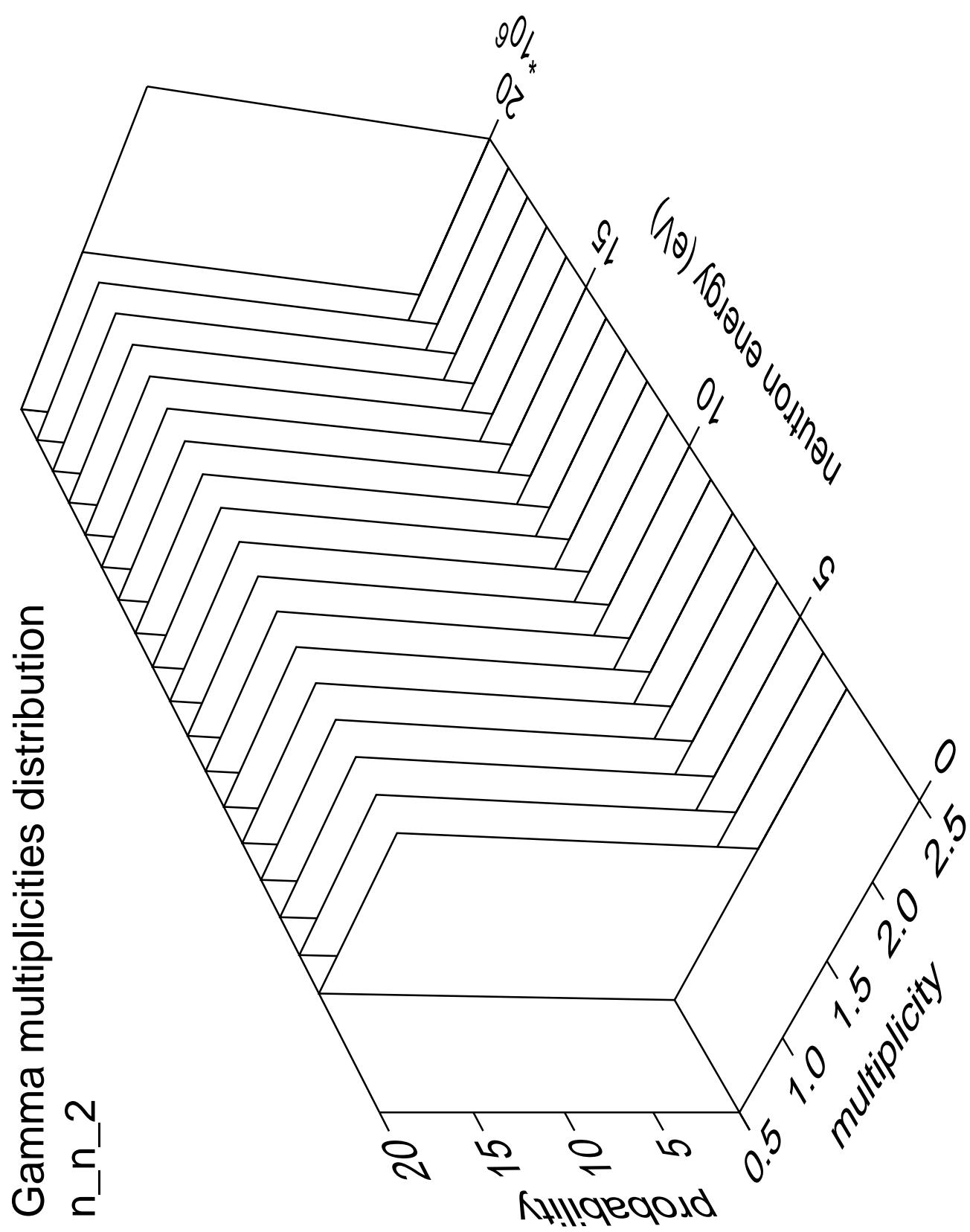




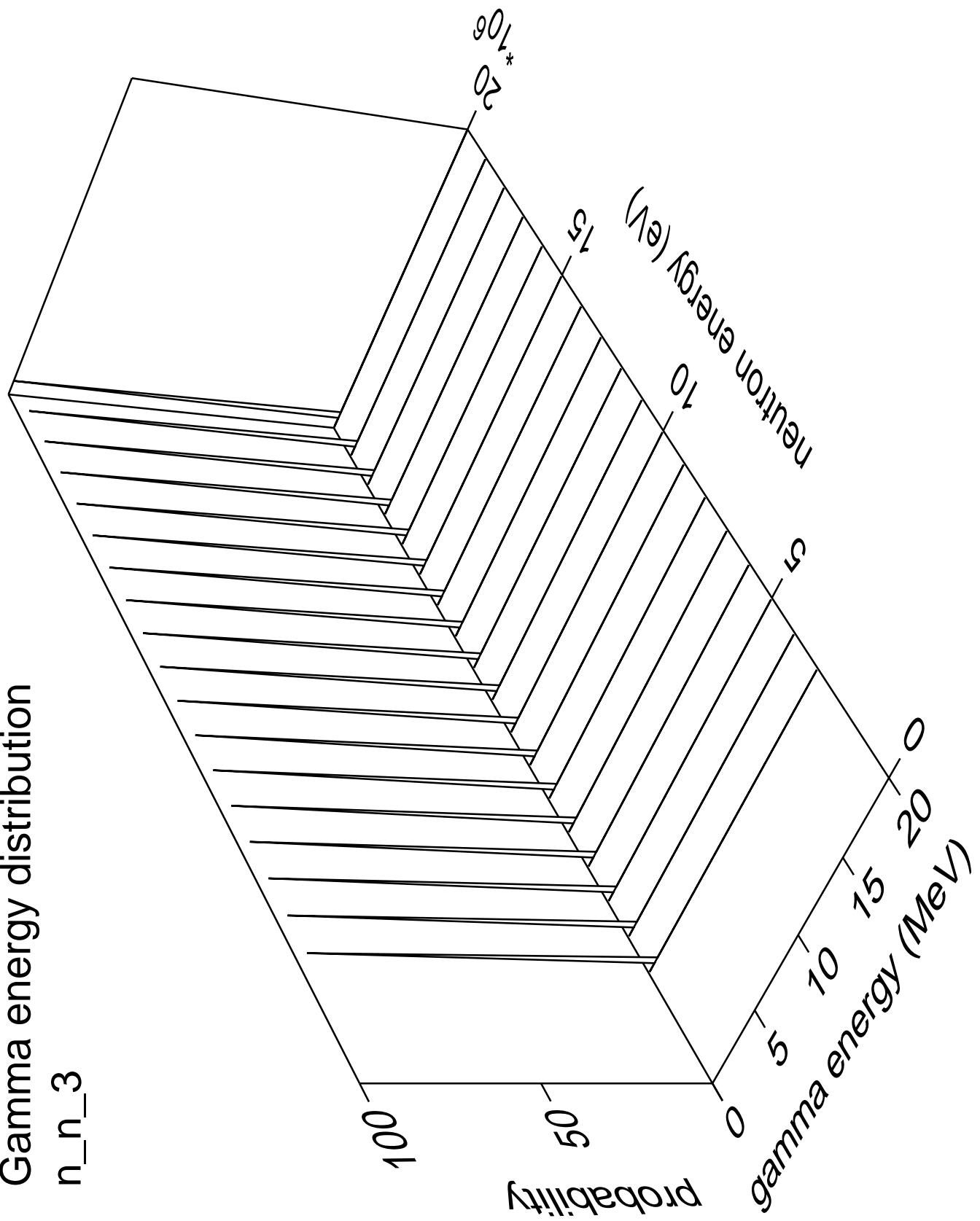
Gamma angles distribution

$n_{n\_2}$



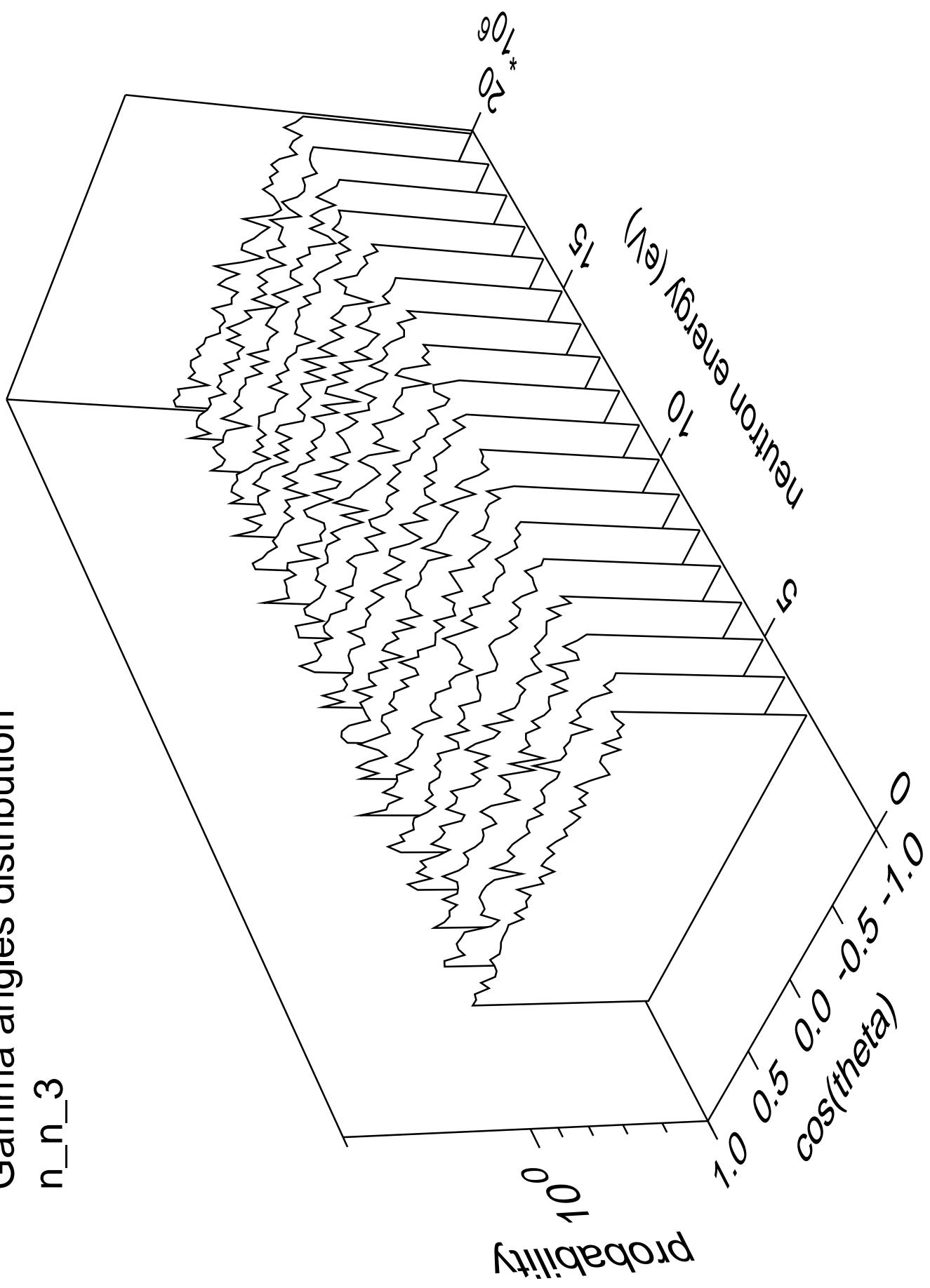


### Gamma energy distribution

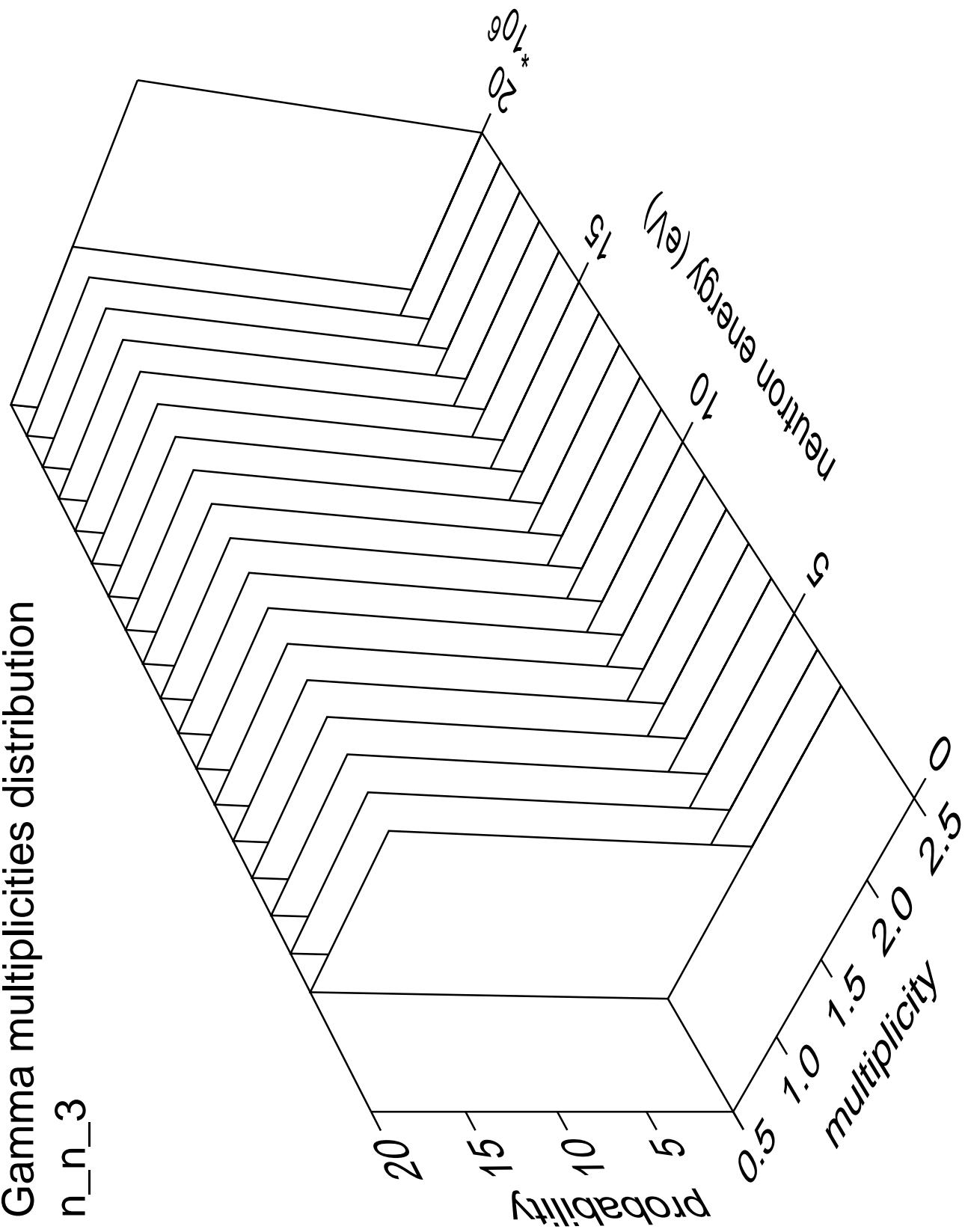


Gamma angles distribution

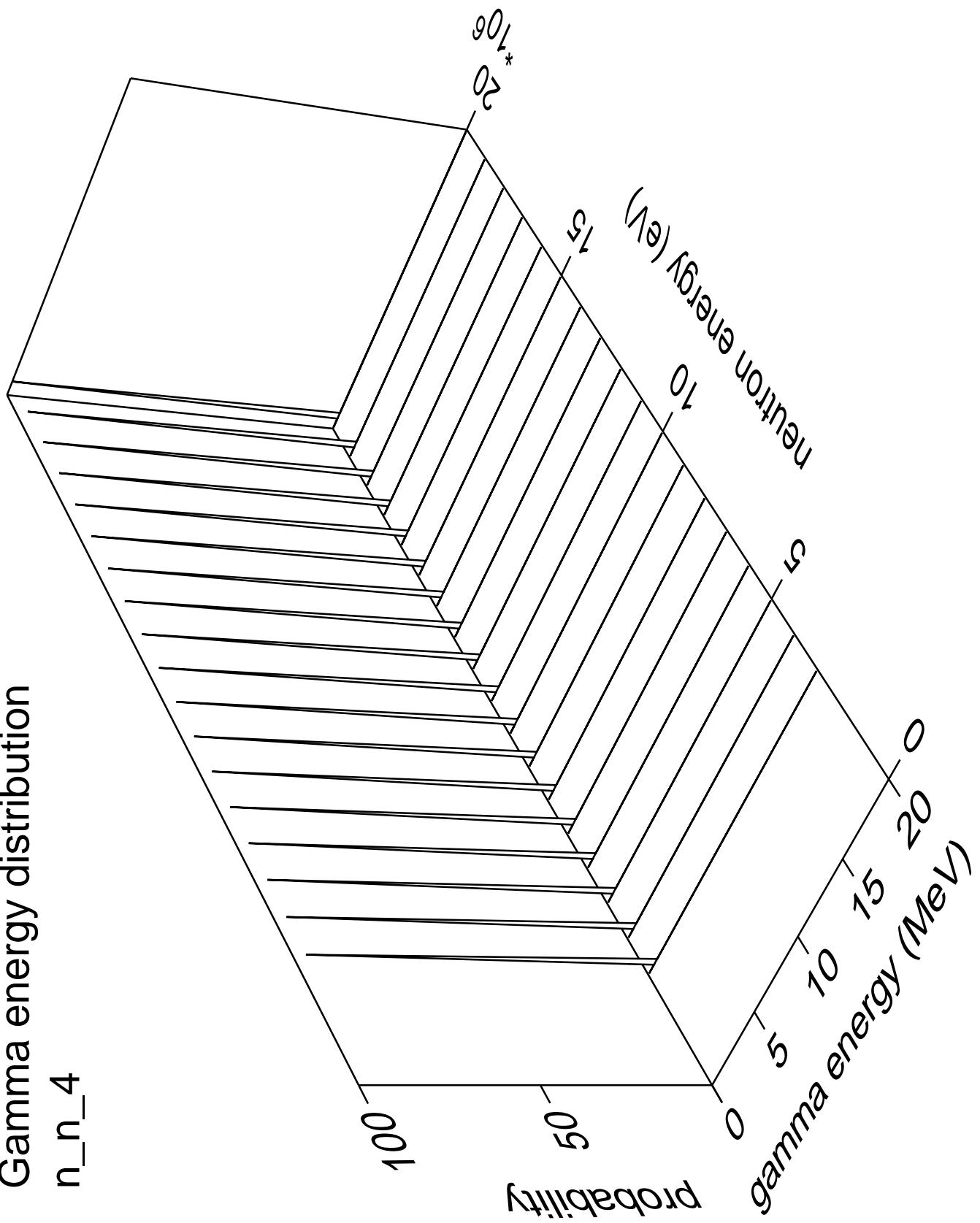
n\_n\_3



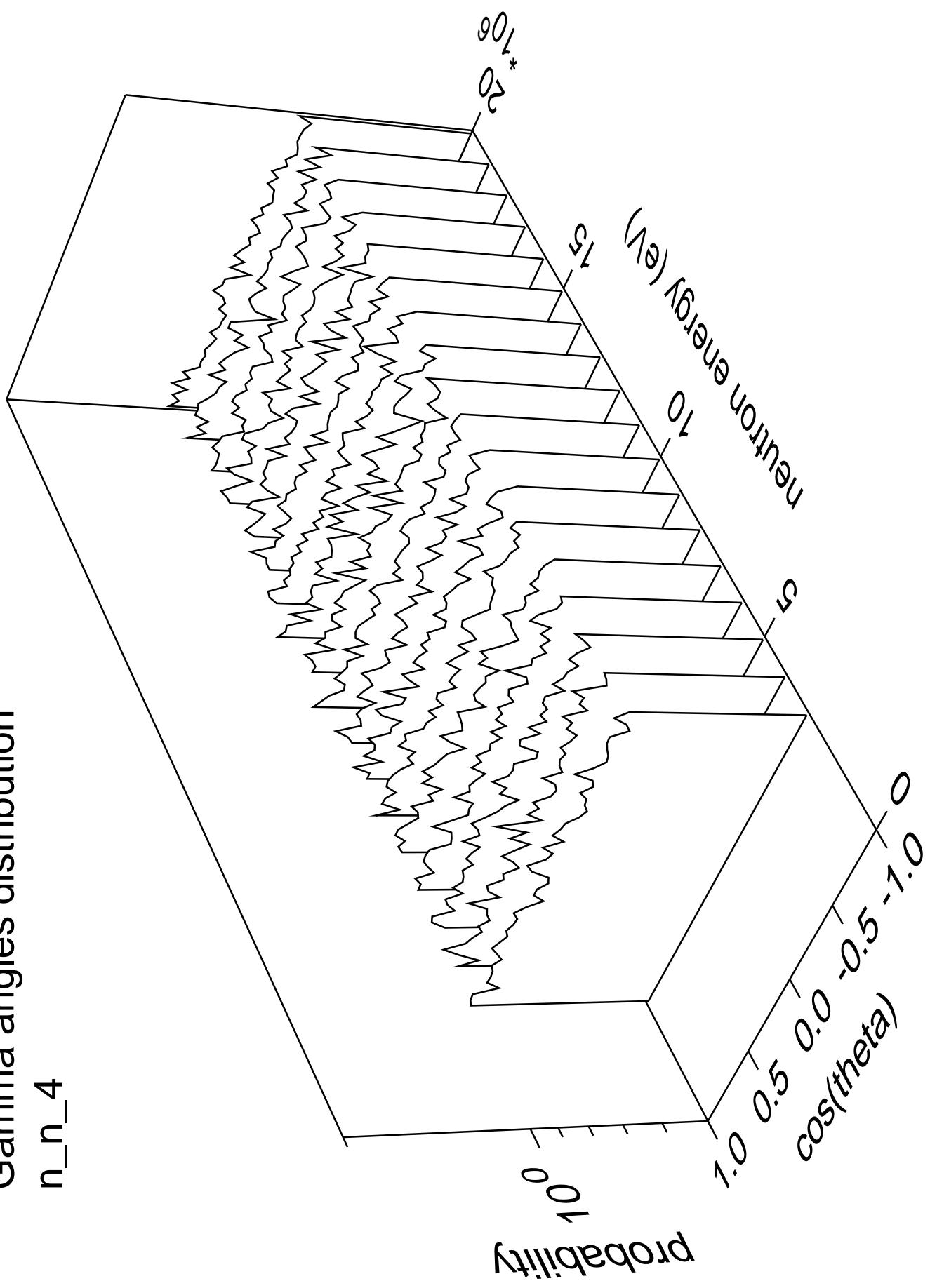
### Gamma multiplicities distribution



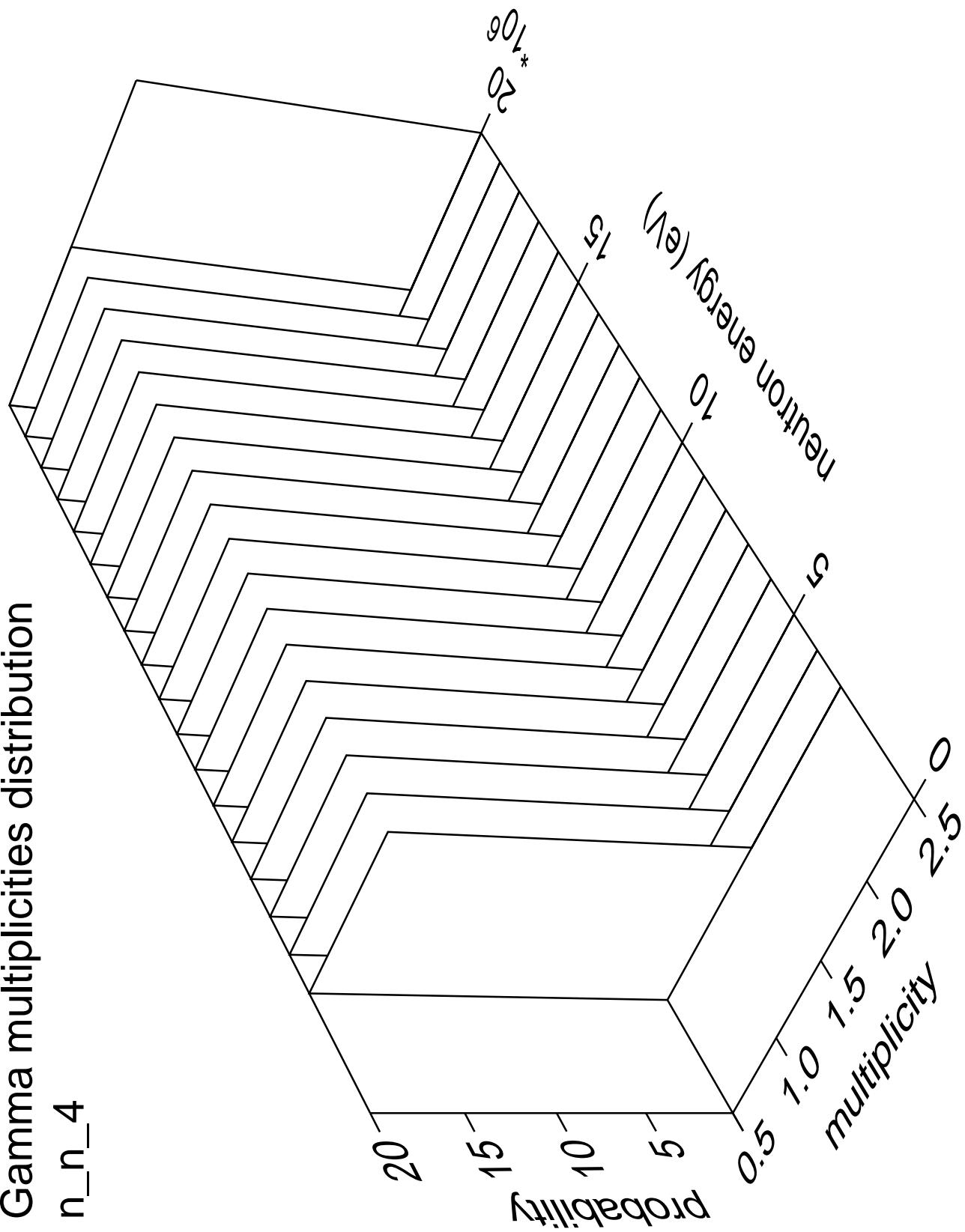
# Gamma energy distribution n\_n\_4

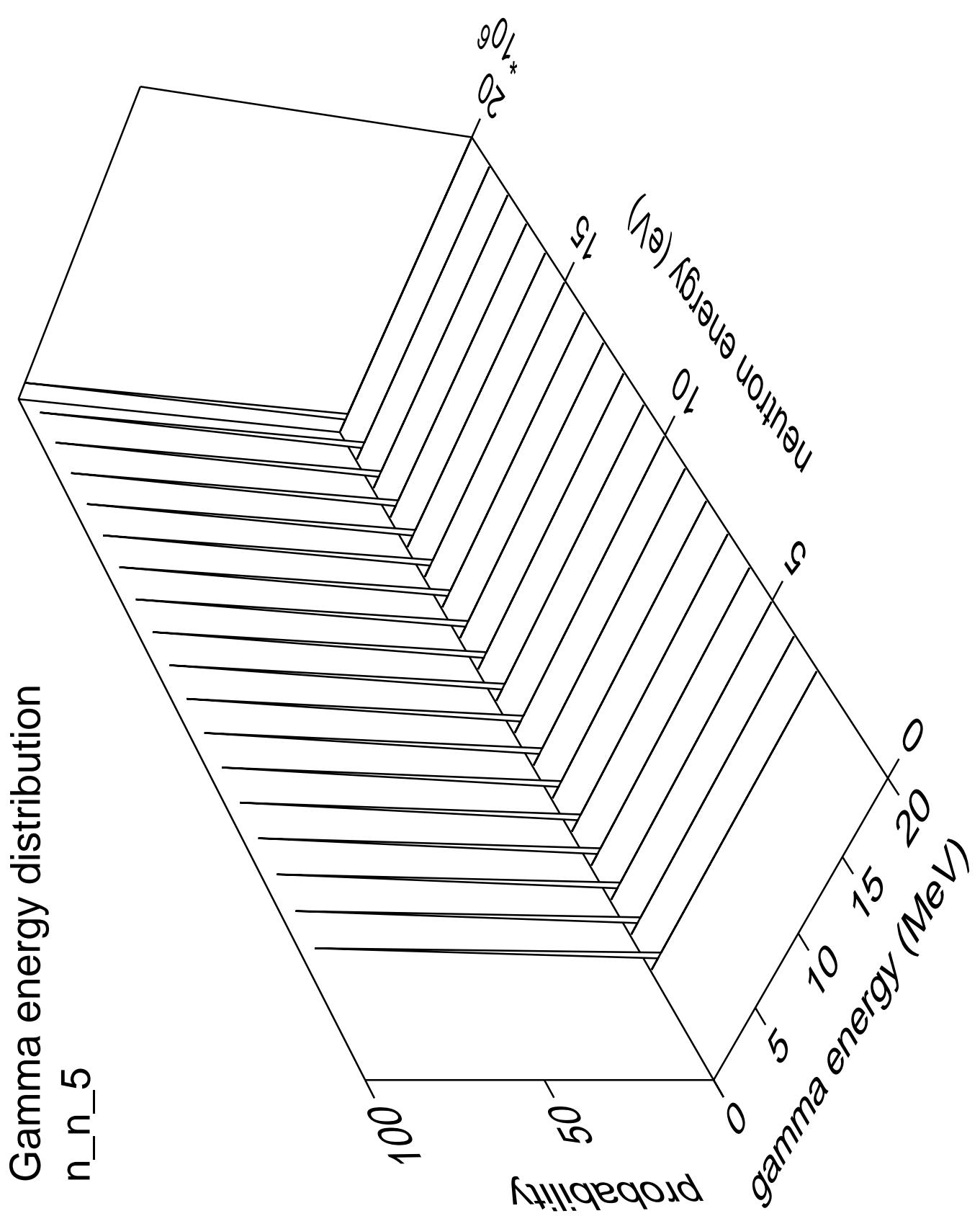


## Gamma angles distribution



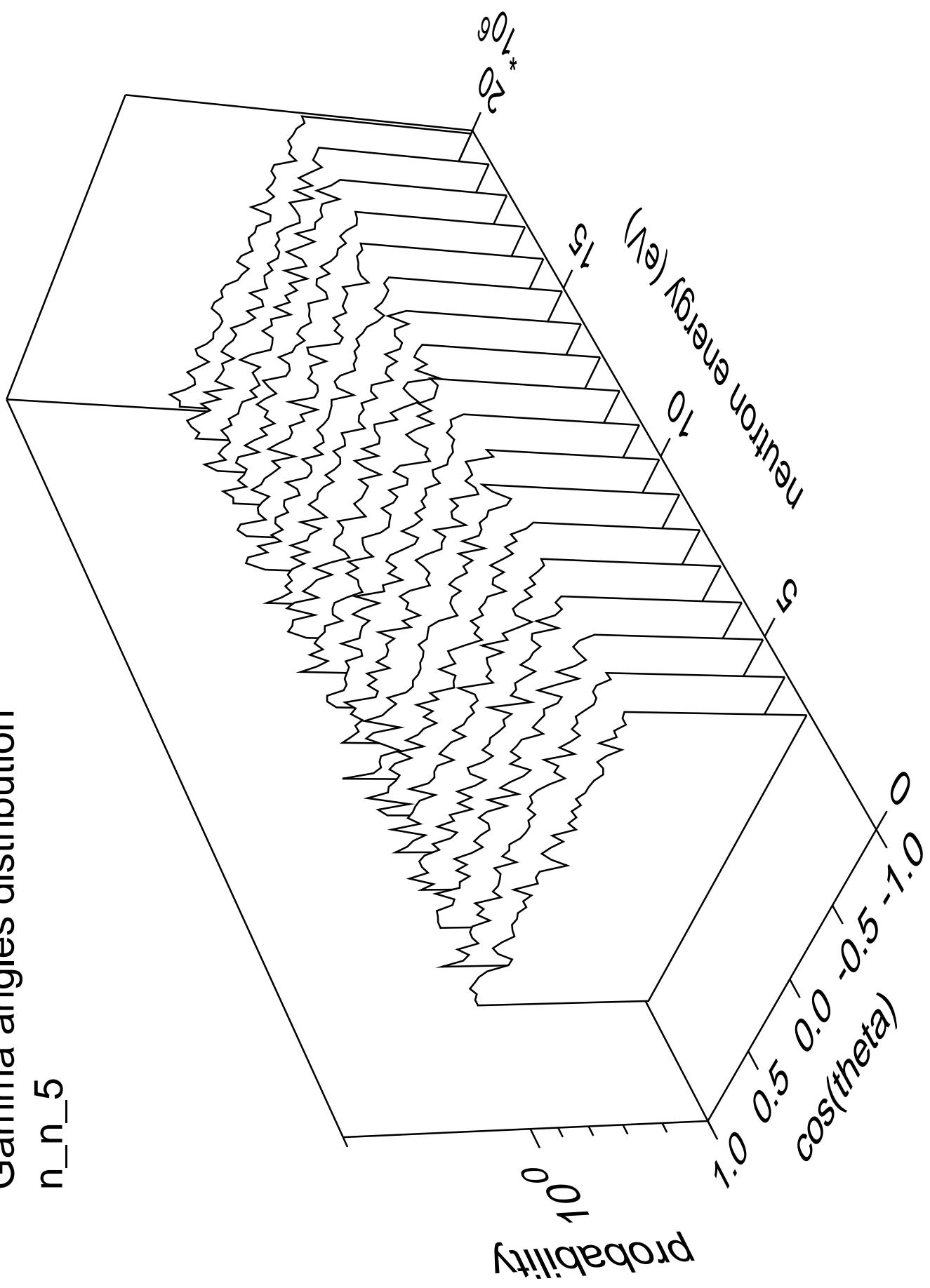
## Gamma multiplicities distribution



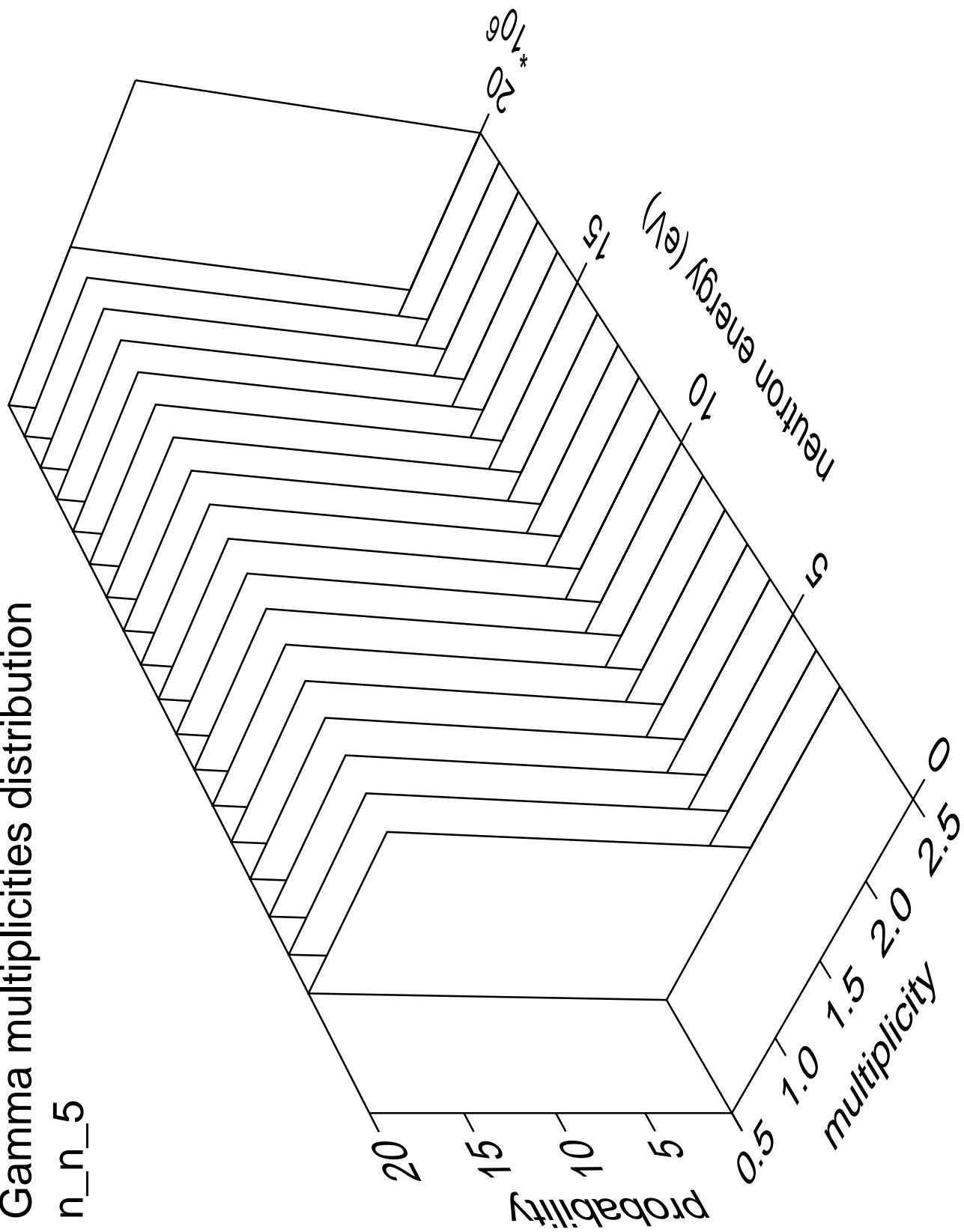


Gamma angles distribution

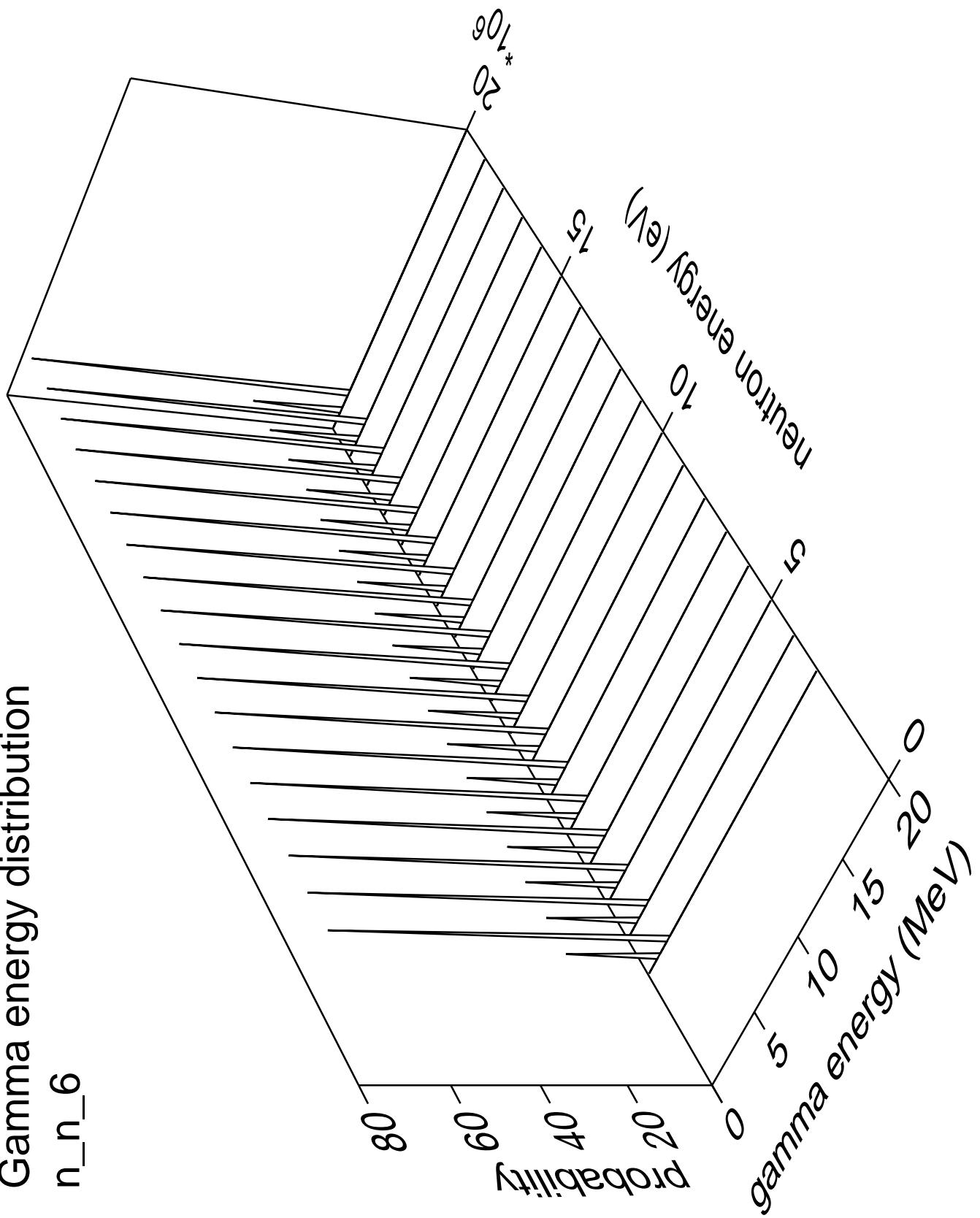
n\_n\_5



# Gamma multiplicities distribution

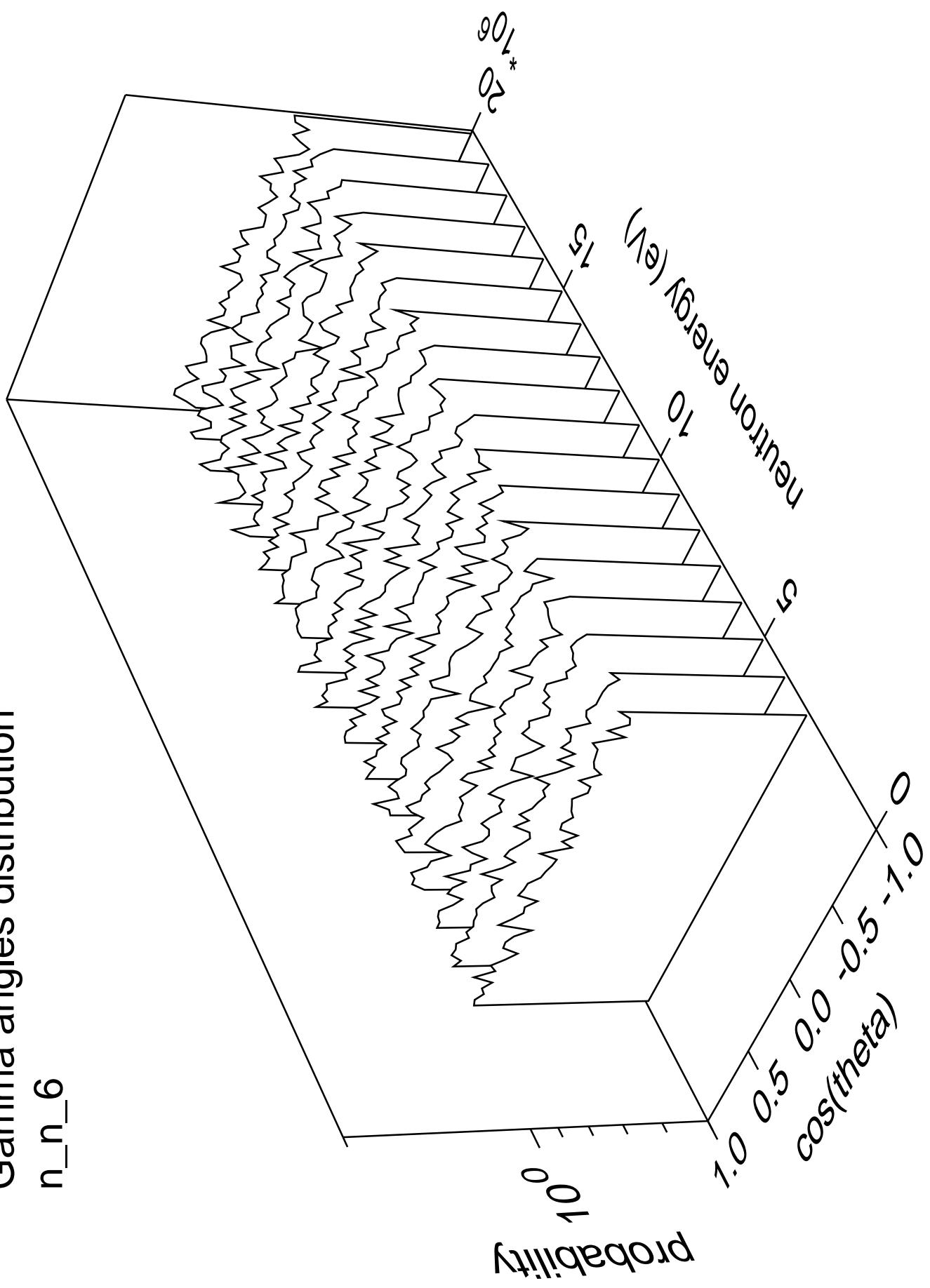


## Gamma energy distribution

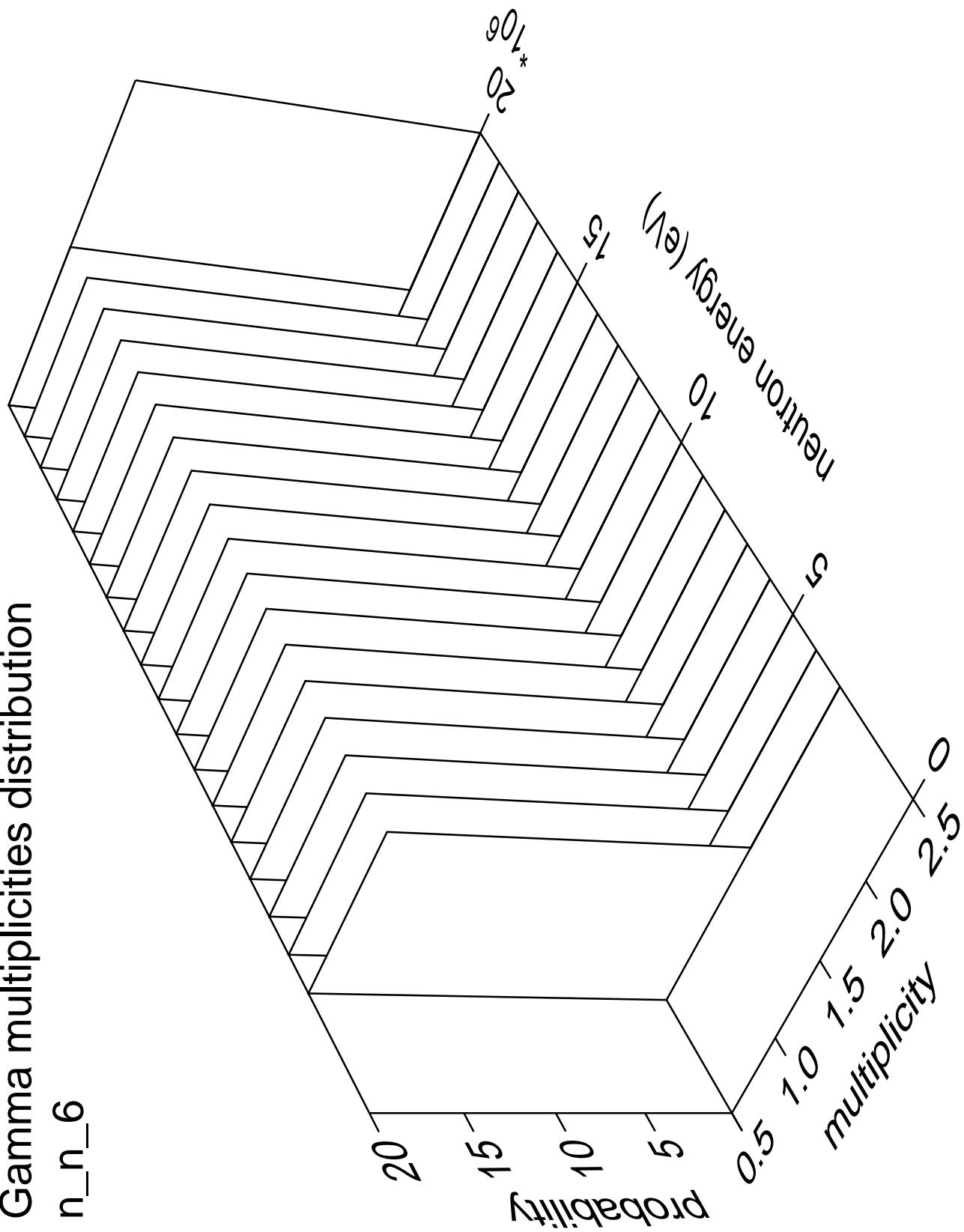


Gamma angles distribution

n\_n\_6

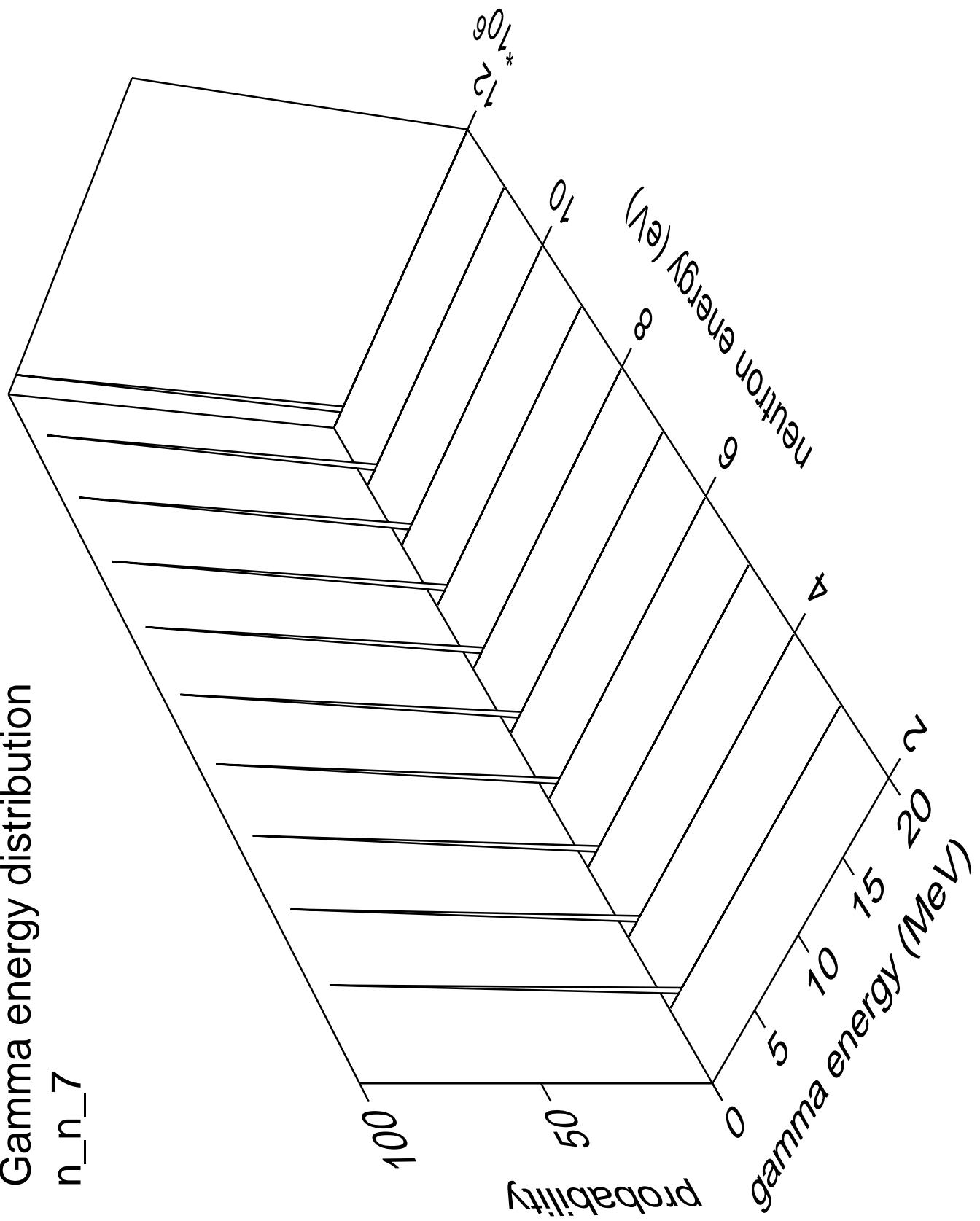


## Gamma multiplicities distribution



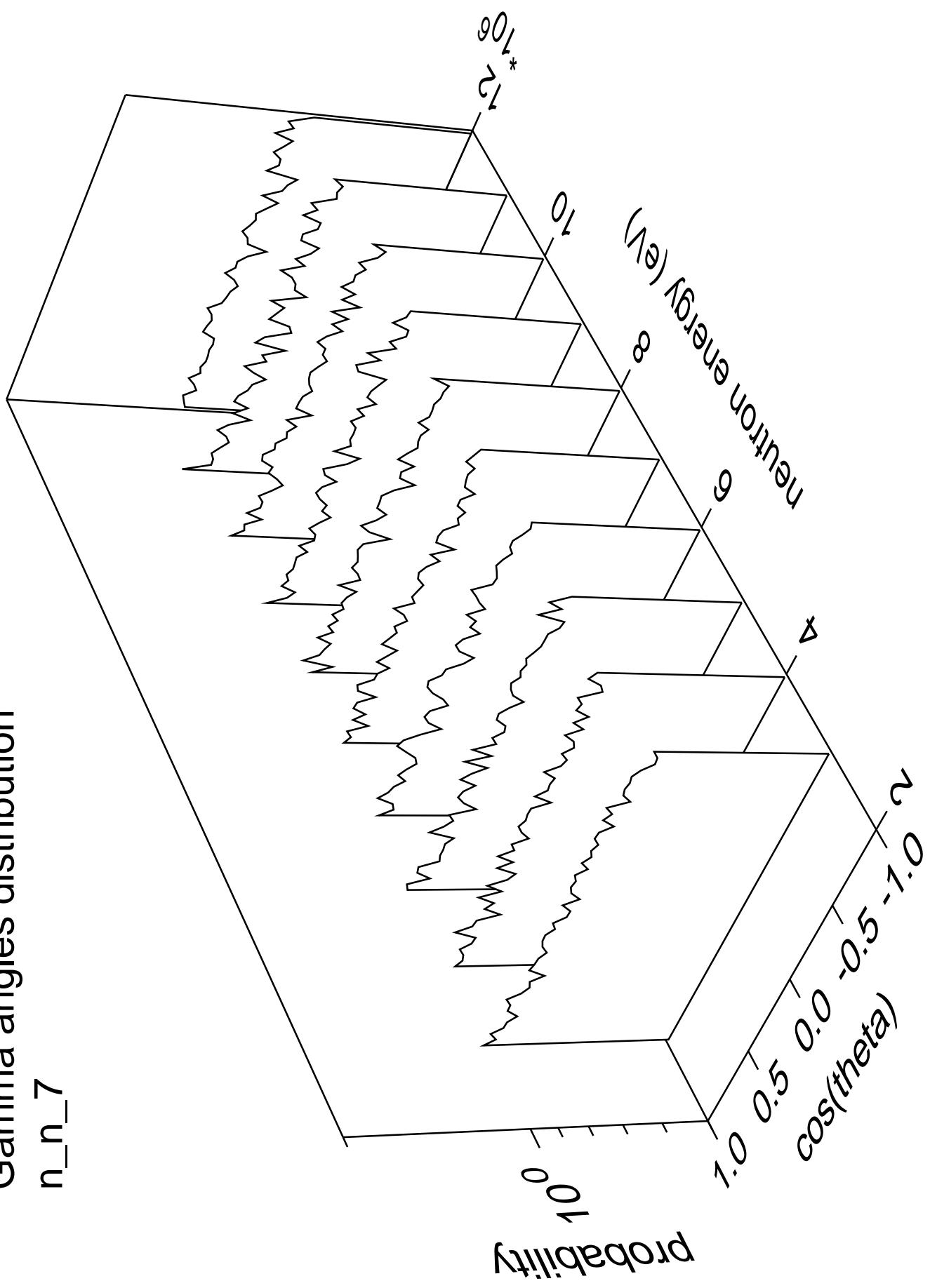
# Gamma energy distribution

n\_n\_7

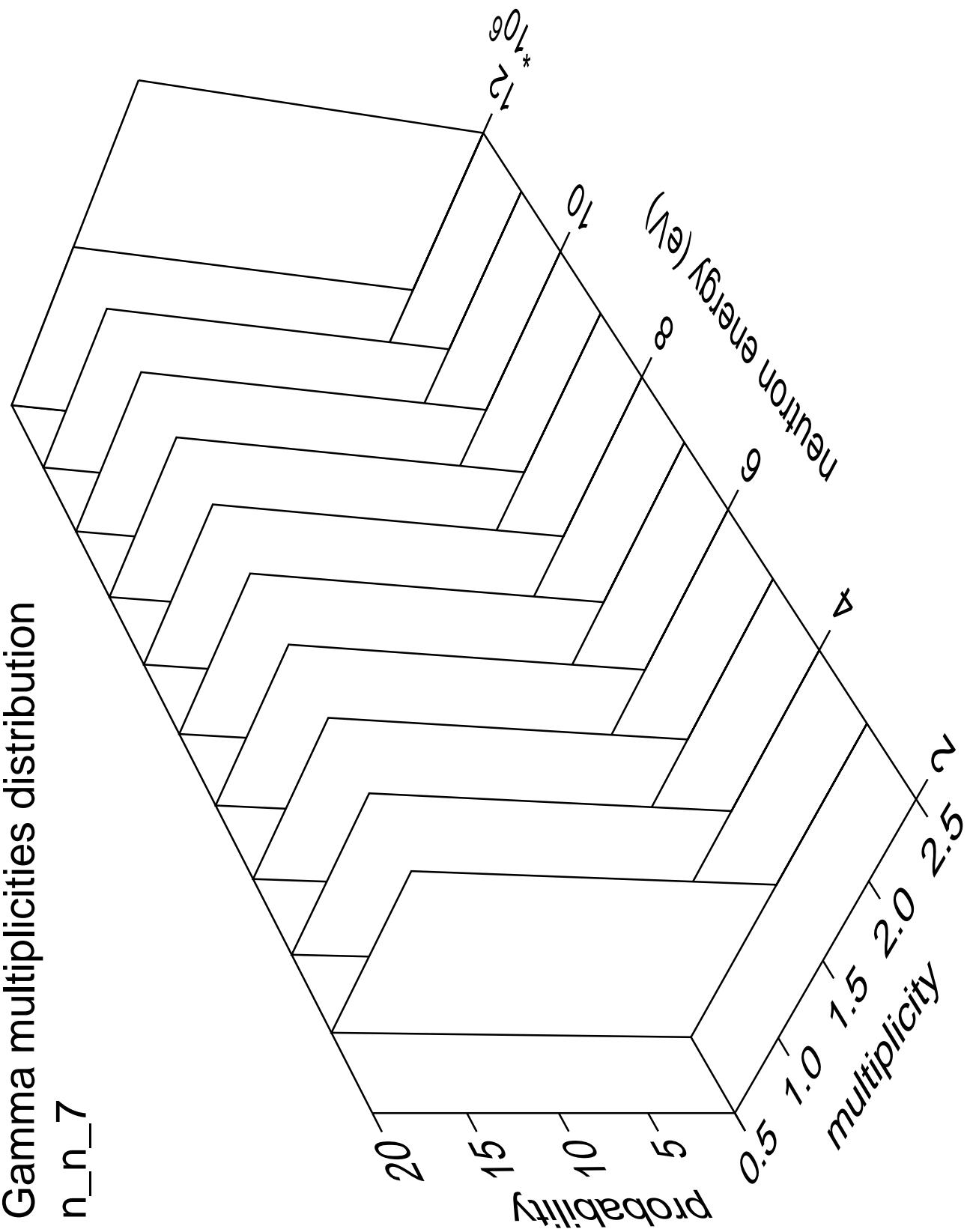


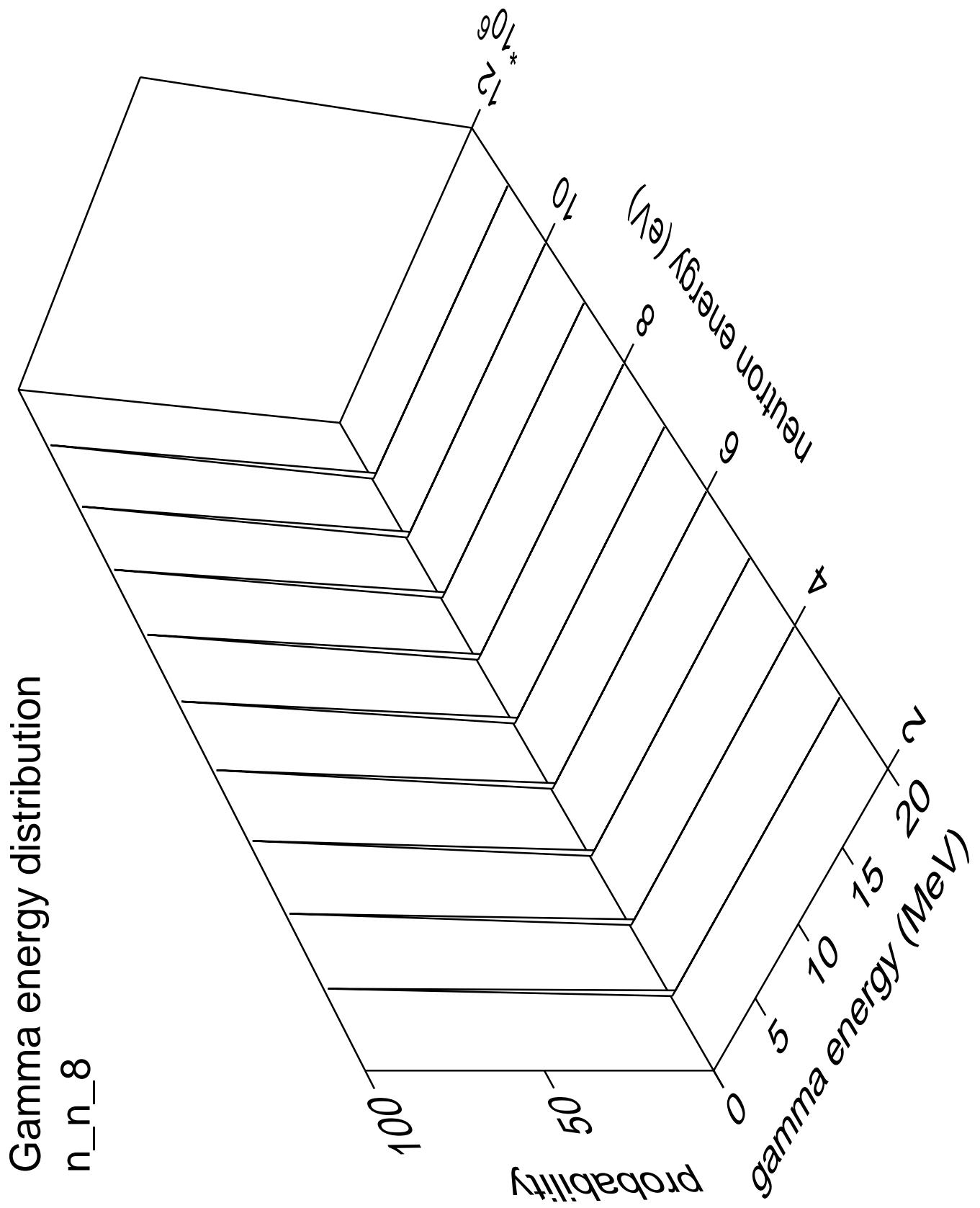
Gamma angles distribution

n\_n\_7



## Gamma multiplicities distribution





Gamma angles distribution

n\_n\_8

Probability

$10^0$

$10^1$

$10^2$

$10^3$

$10^4$

$10^5$

$10^6$

$10^7$

$10^8$

$10^9$

$10^{10}$

$10^{11}$

$10^{12}$

$10^{13}$

$10^{14}$

$10^{15}$

$10^{16}$

$10^{17}$

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$10^{670}$

$10^{680}$

$10^{690}$

$10^{700}$

$10^{710}$

$10^{720}$

$10^{730}$

$10^{740}$

$10^{750}$

$10^{760}$

$10^{770}$

$10^{780}$

$10^{790}$

$10^{800}$

$10^{810}$

$10^{820}$

$10^{830}$

$10^{840}$

