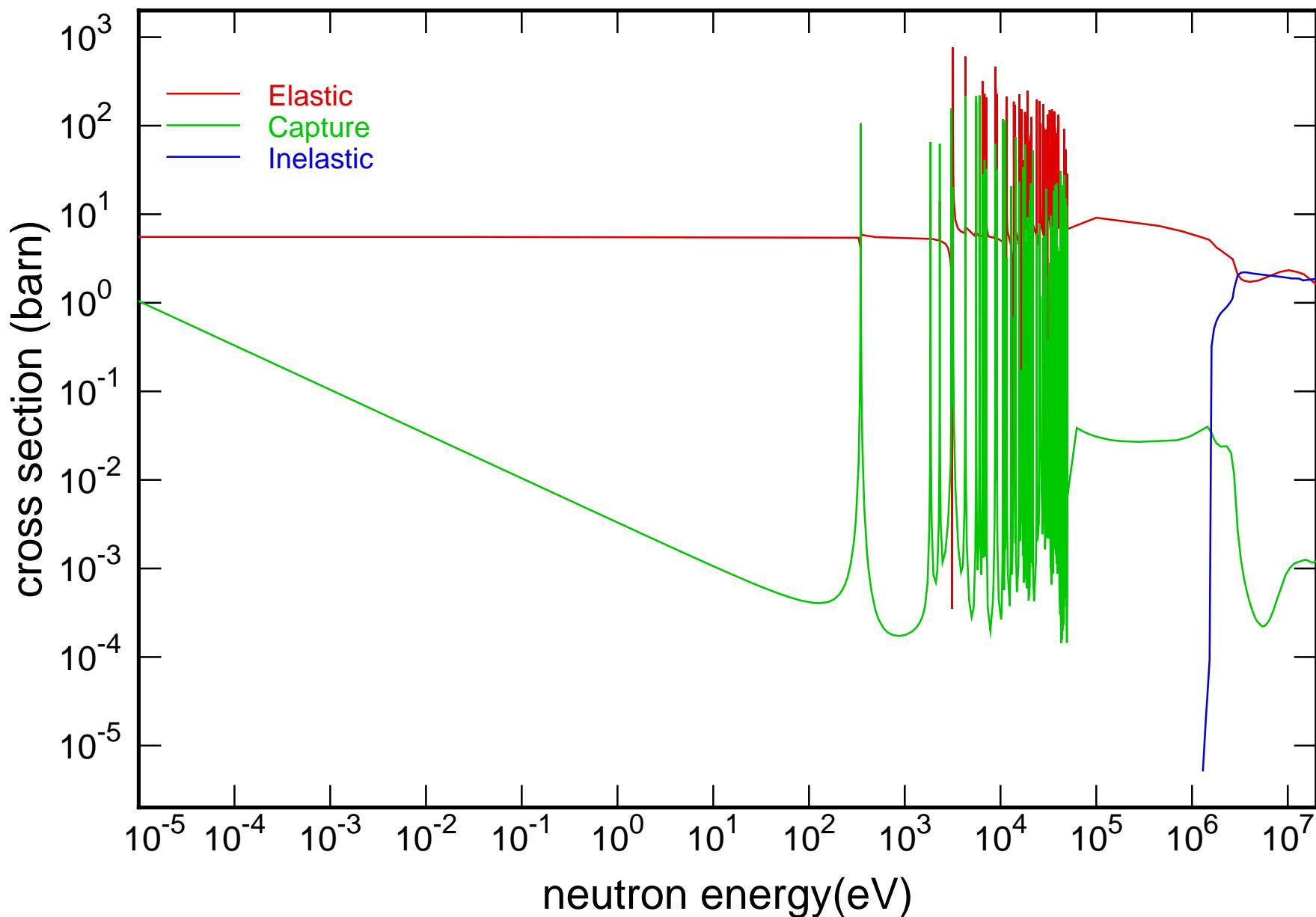
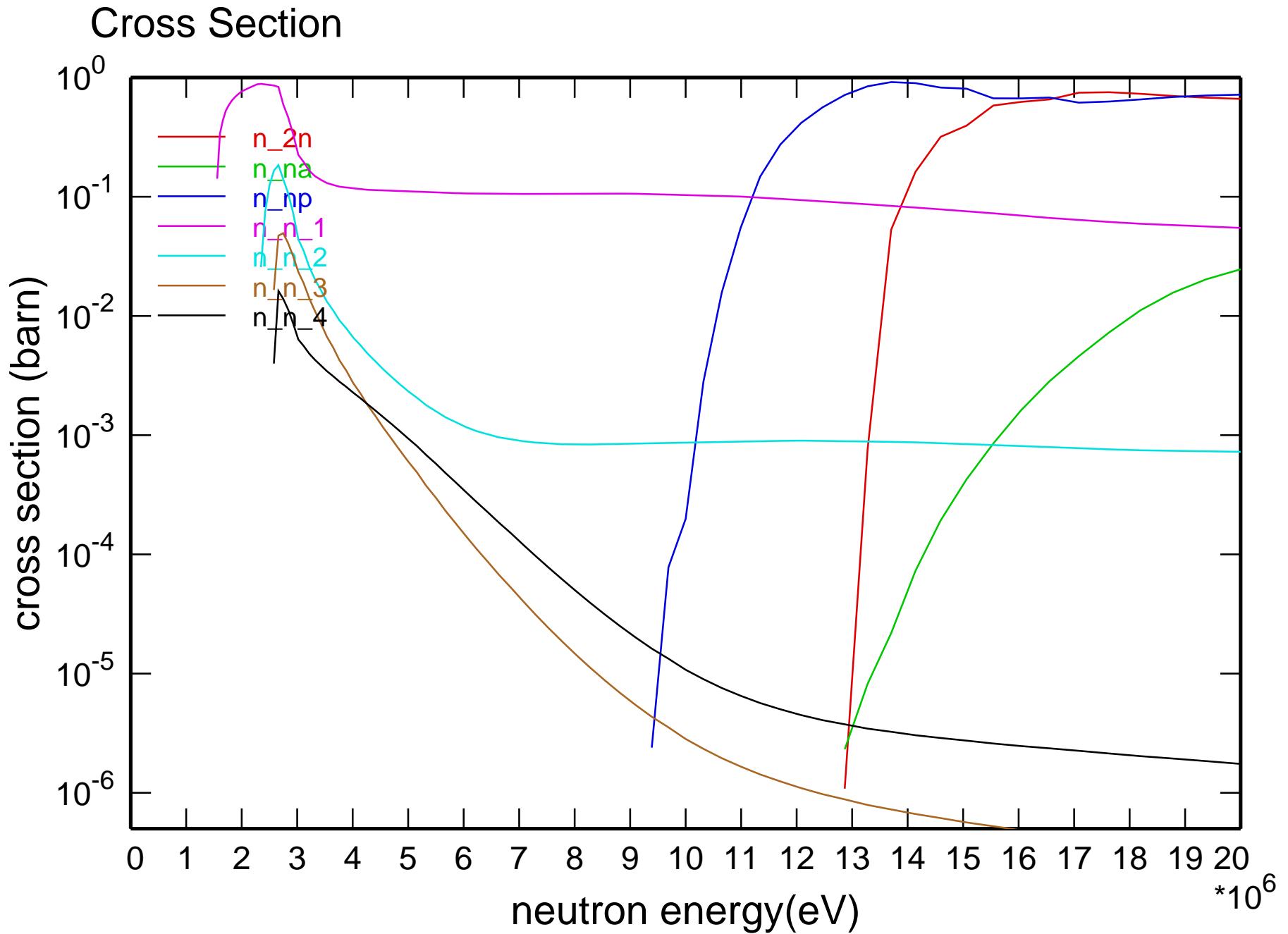
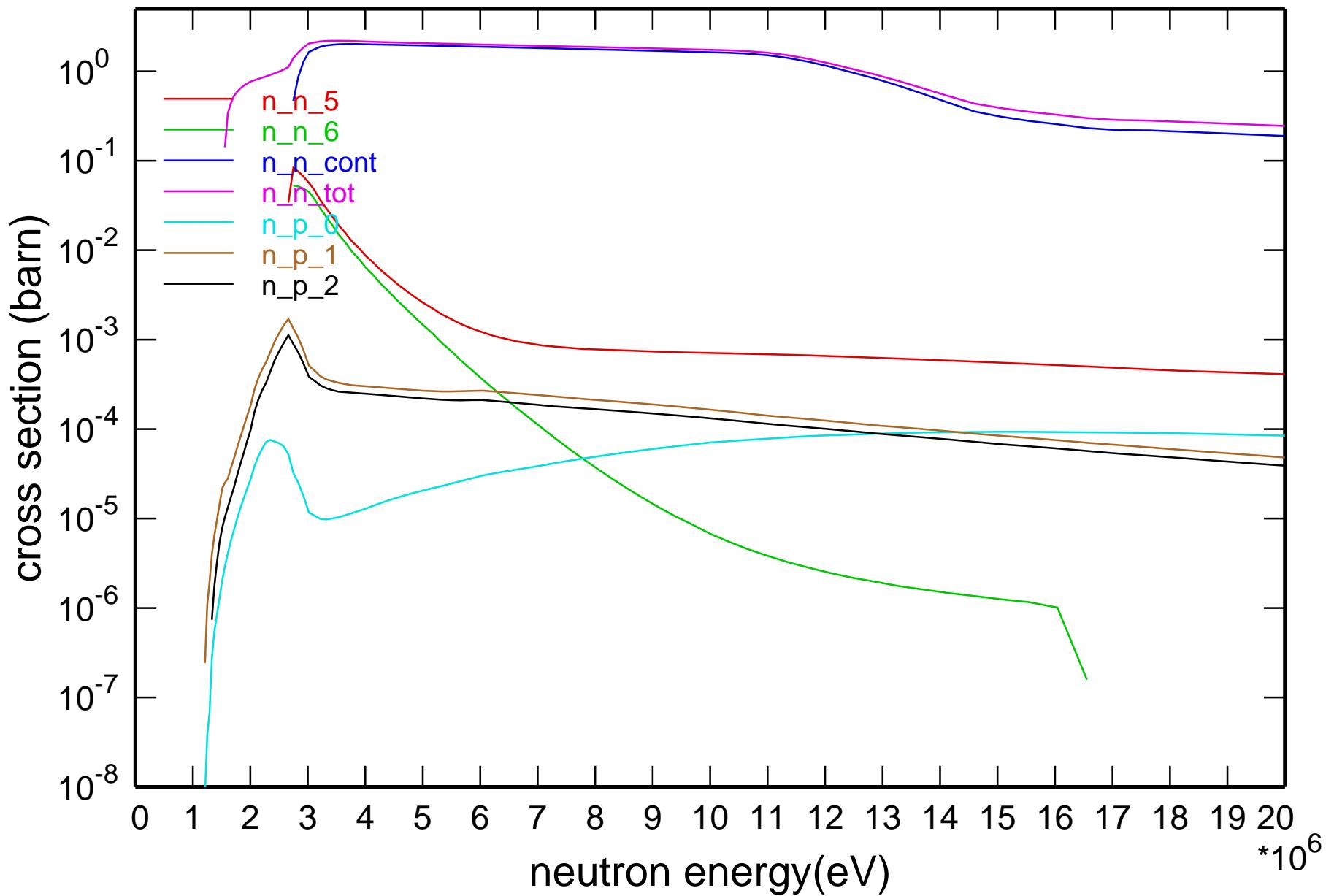


## Main Cross Sections

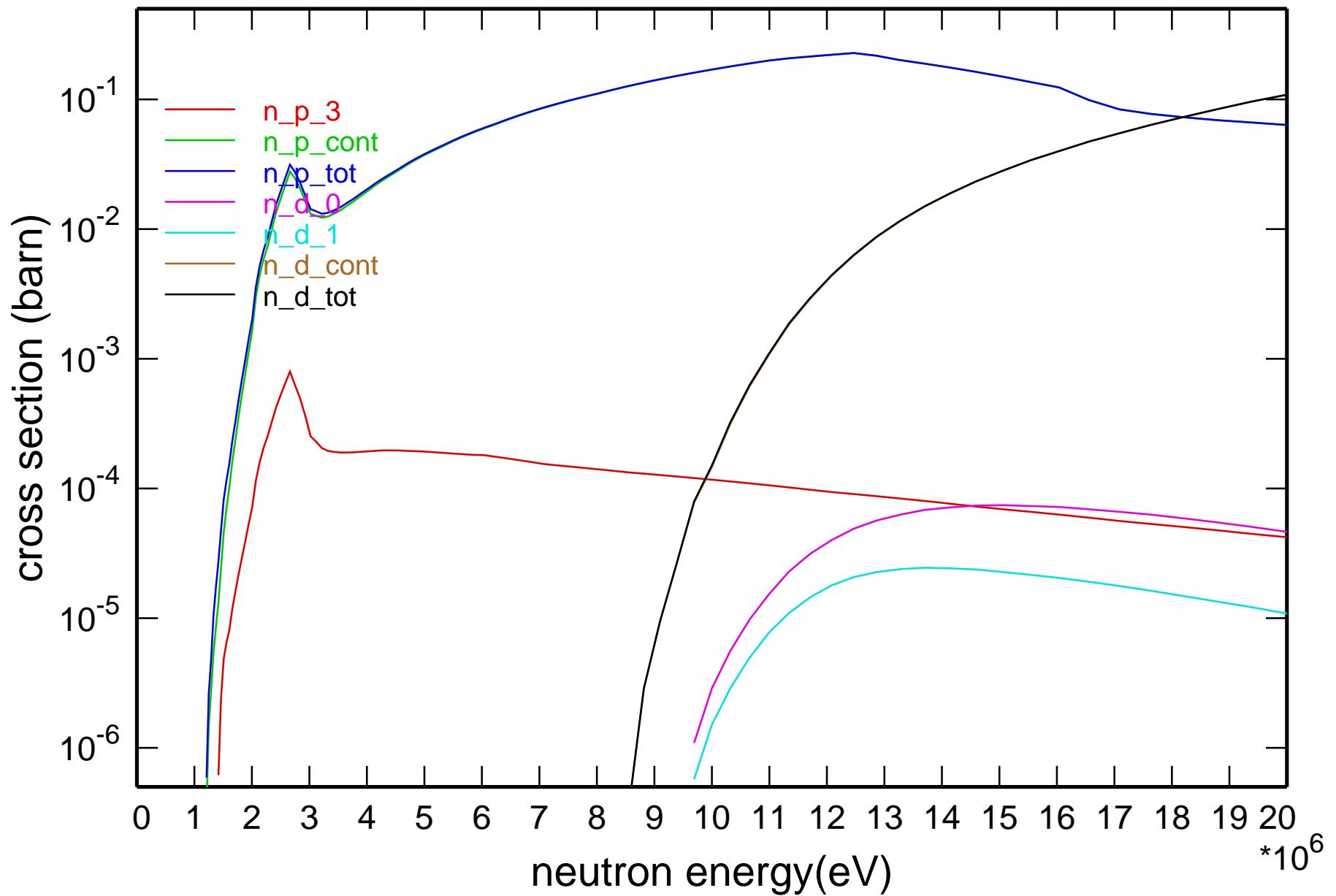




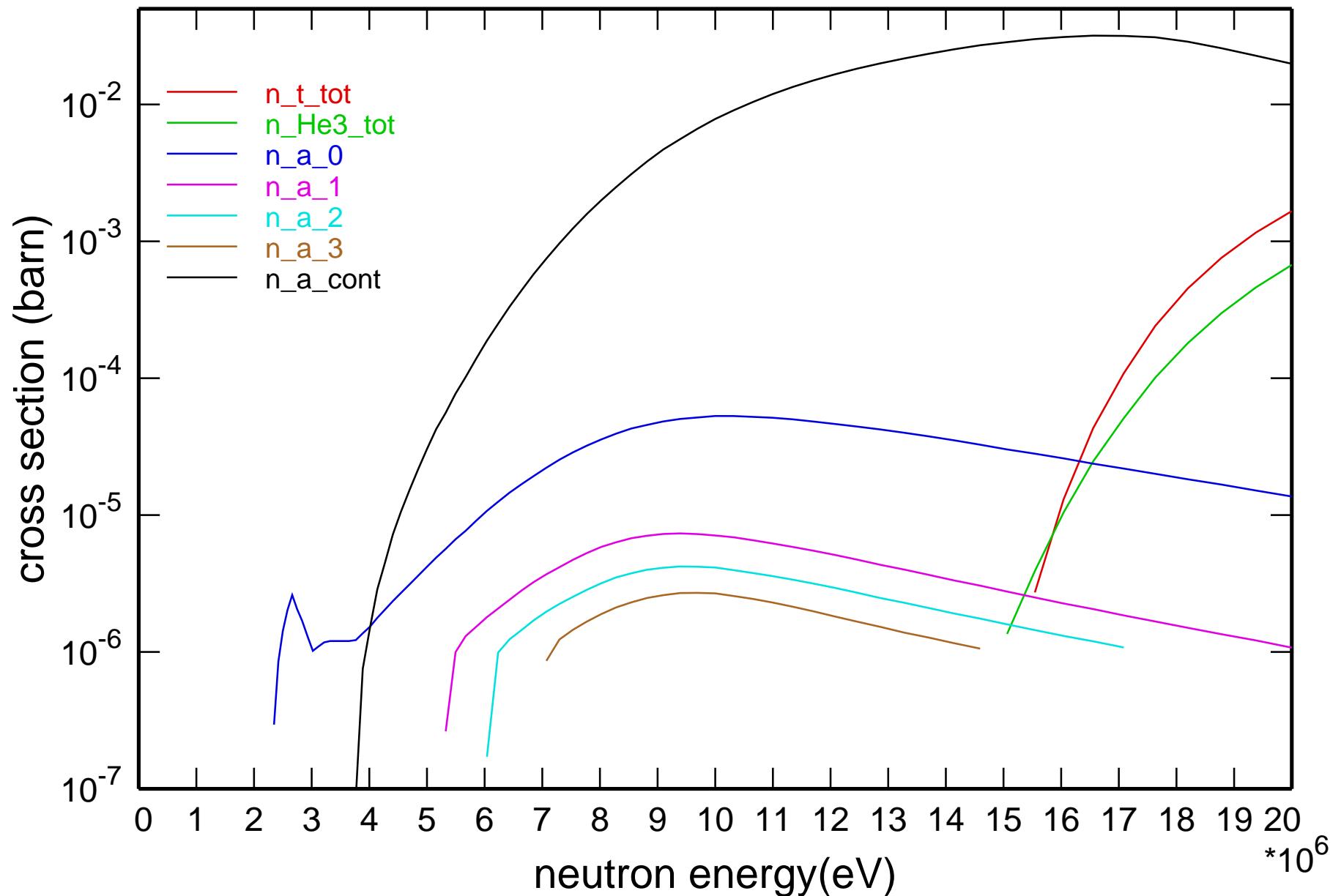
# Cross Section



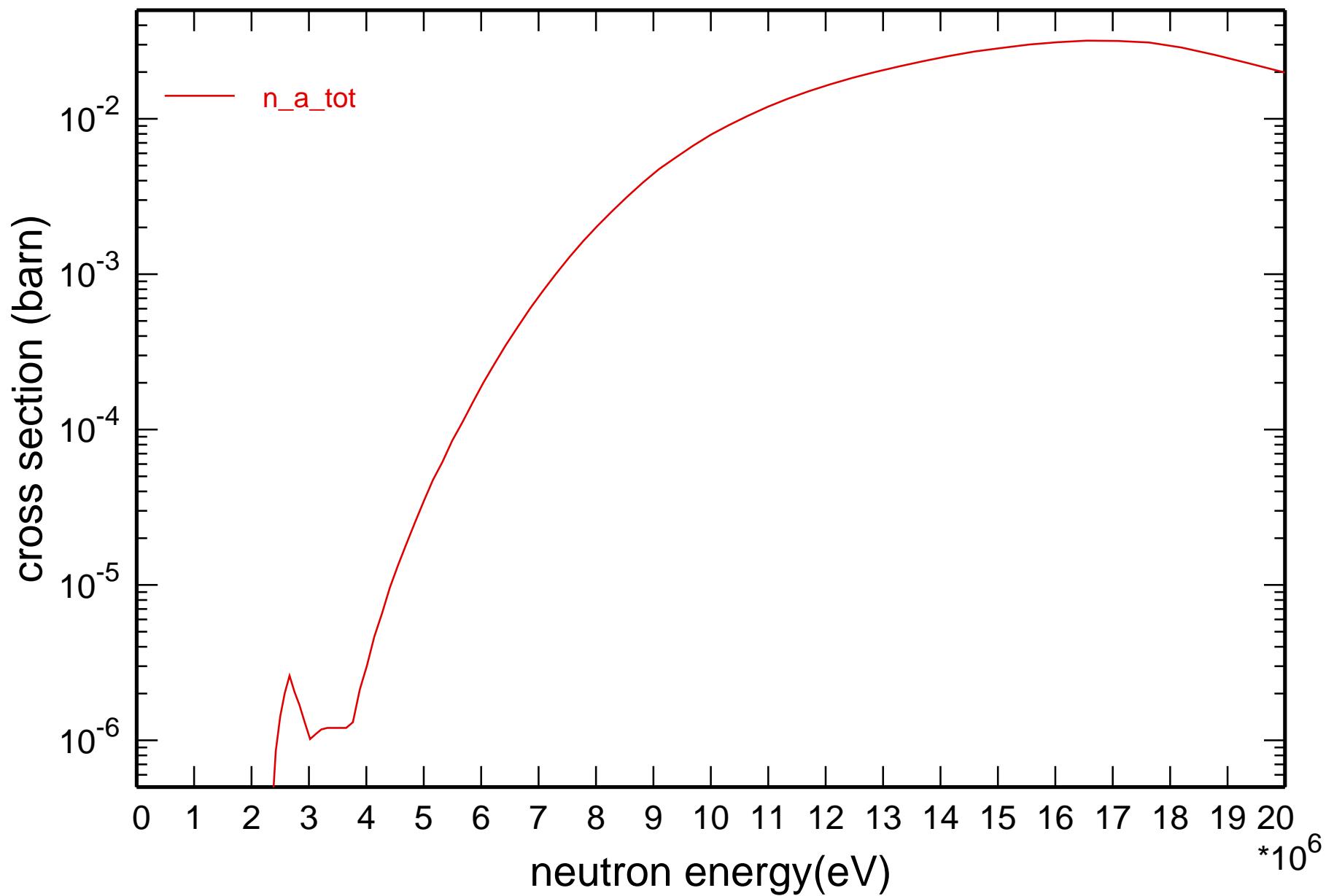
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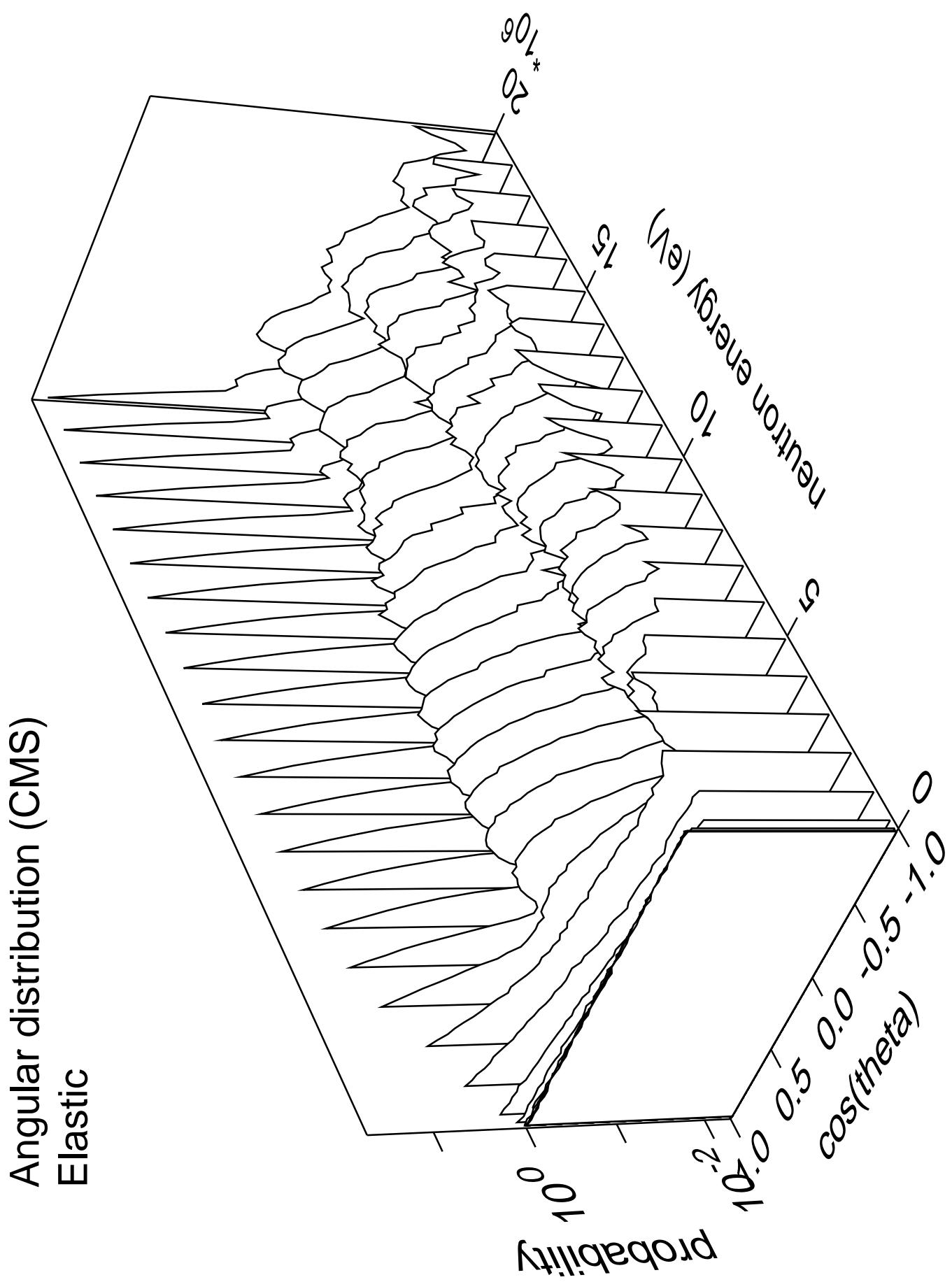


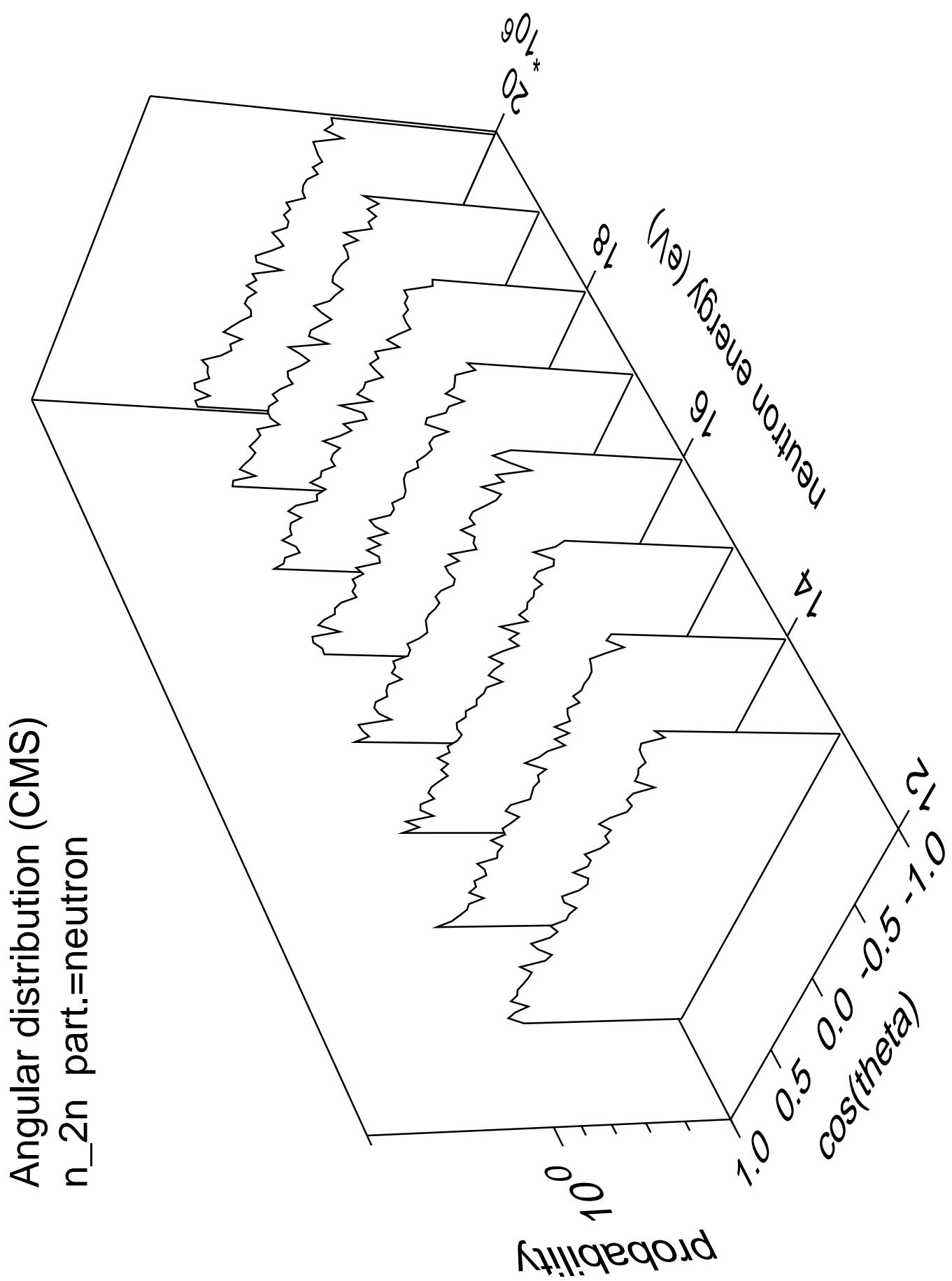
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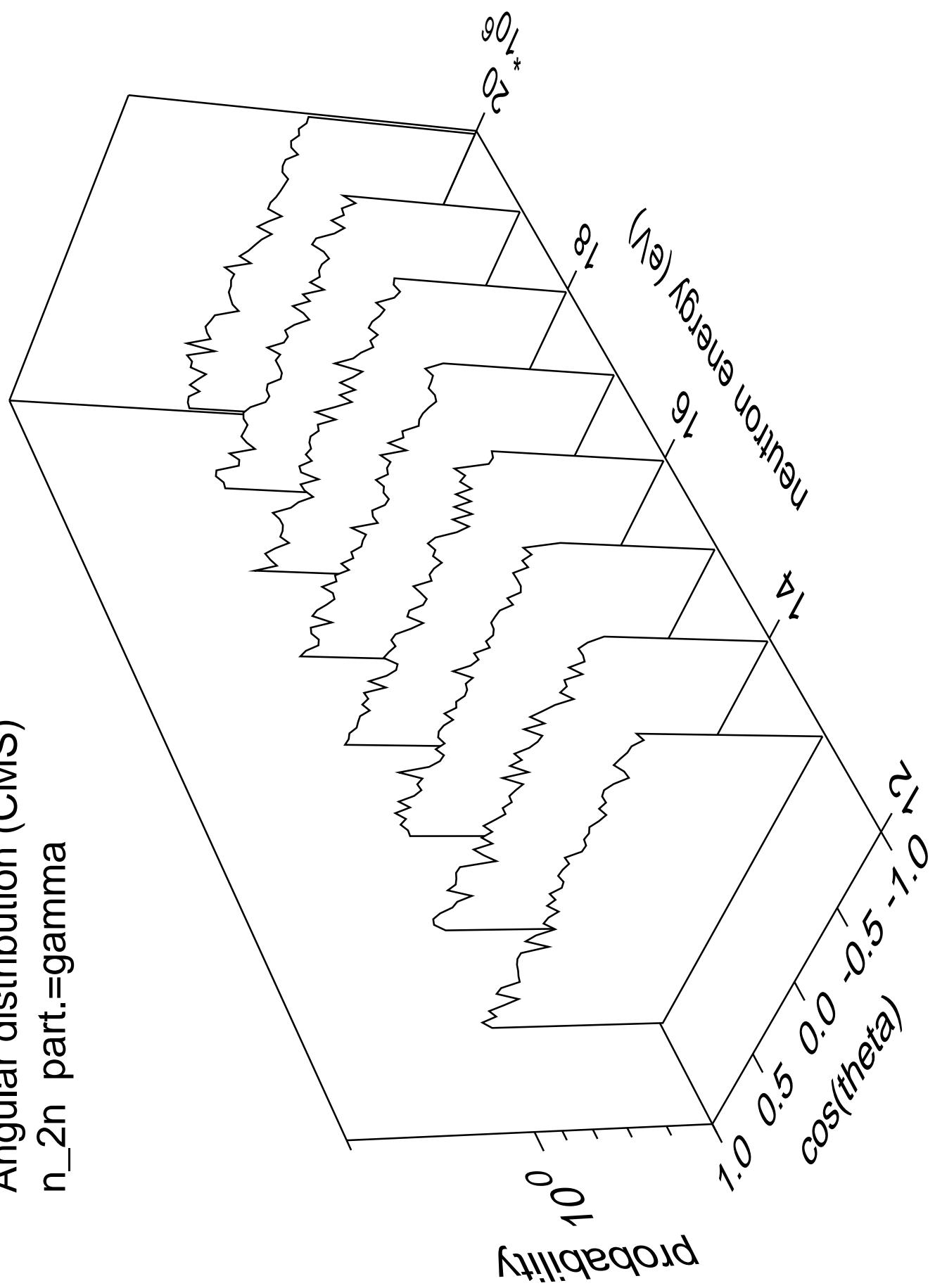
## Cross Section



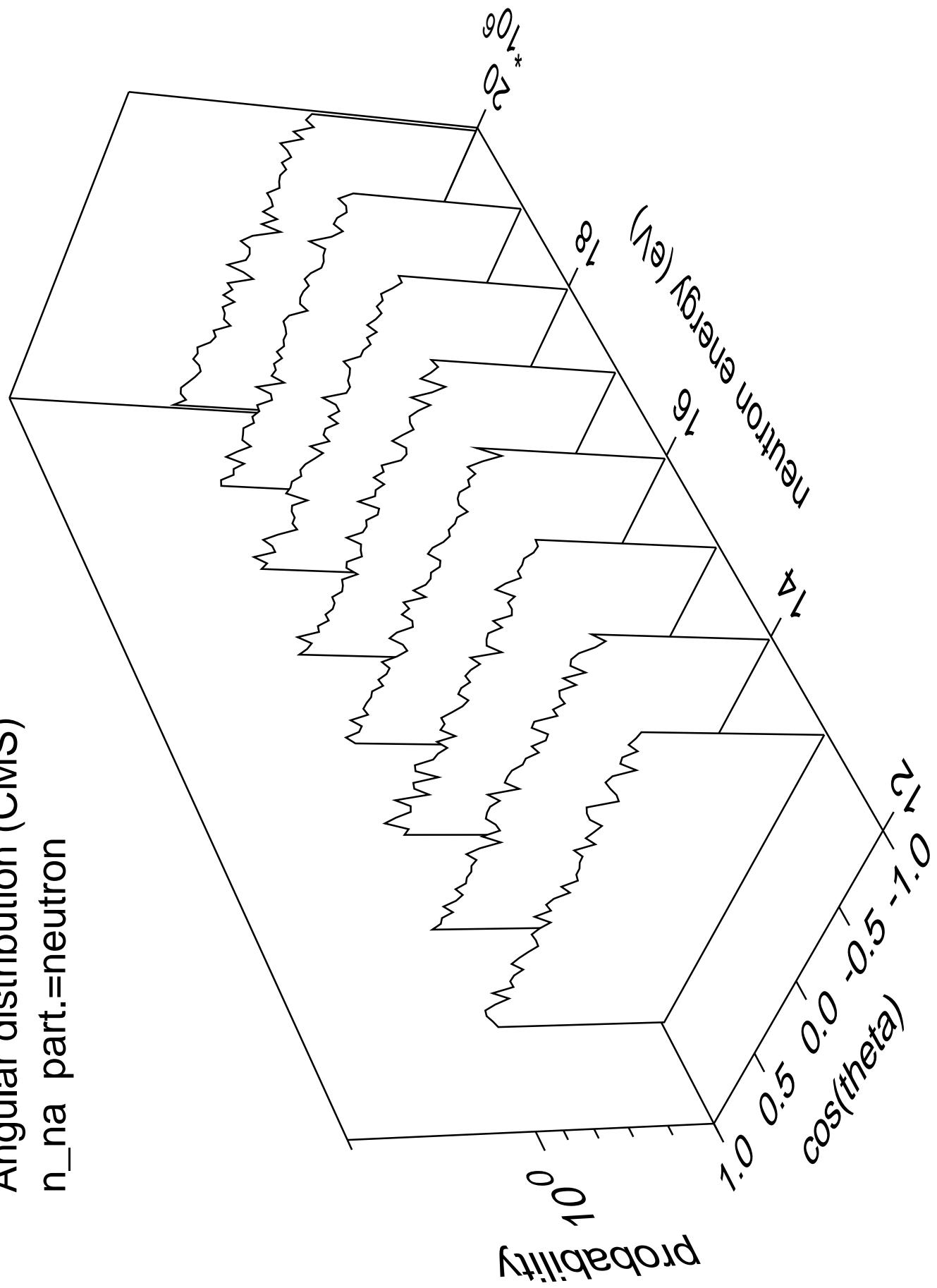




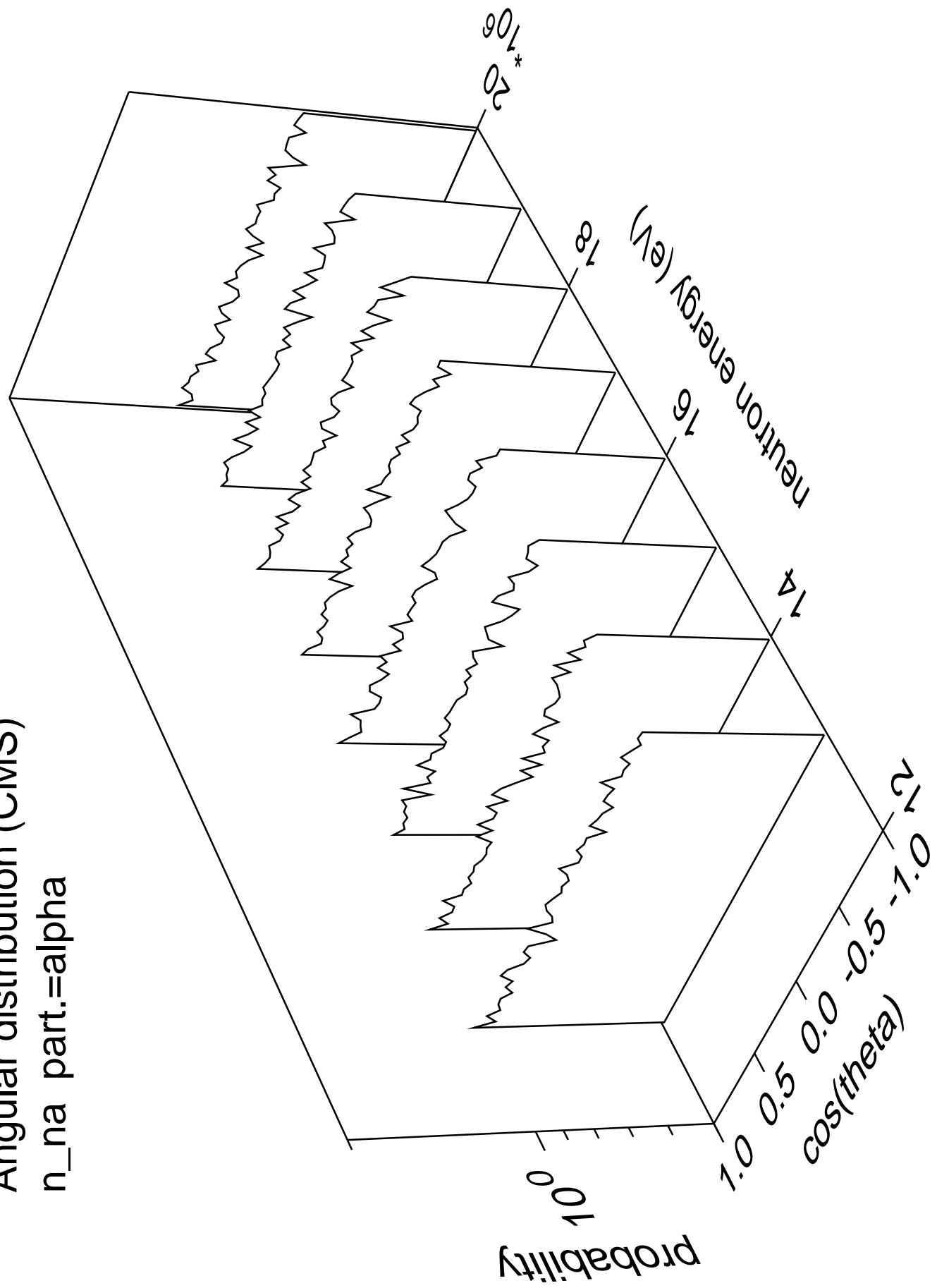
Angular distribution (CMS)  
 $n_{2n}$  part.=gamma



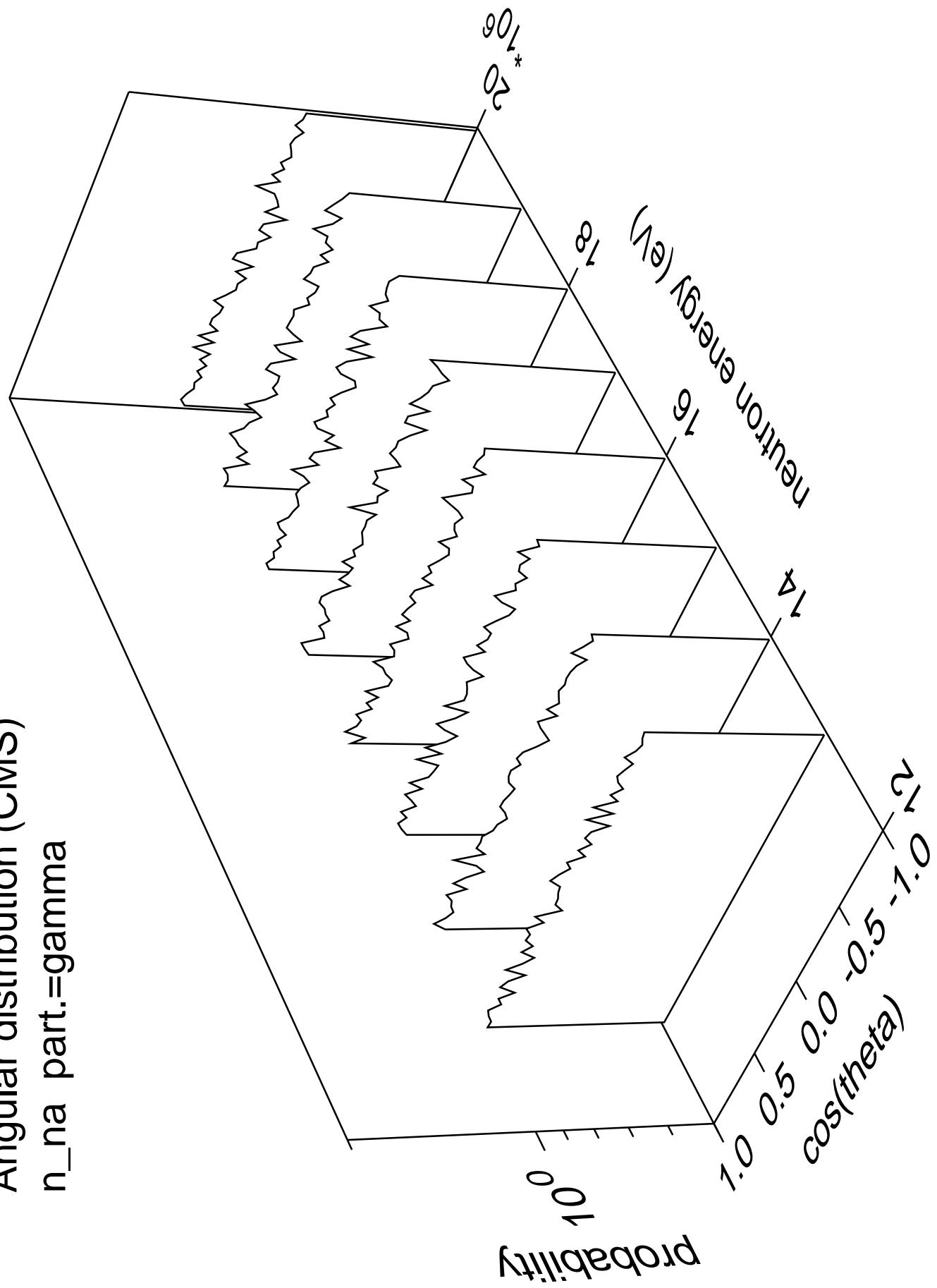
Angular distribution (CMS)  
 $n_{\text{na}}$  part.=neutron

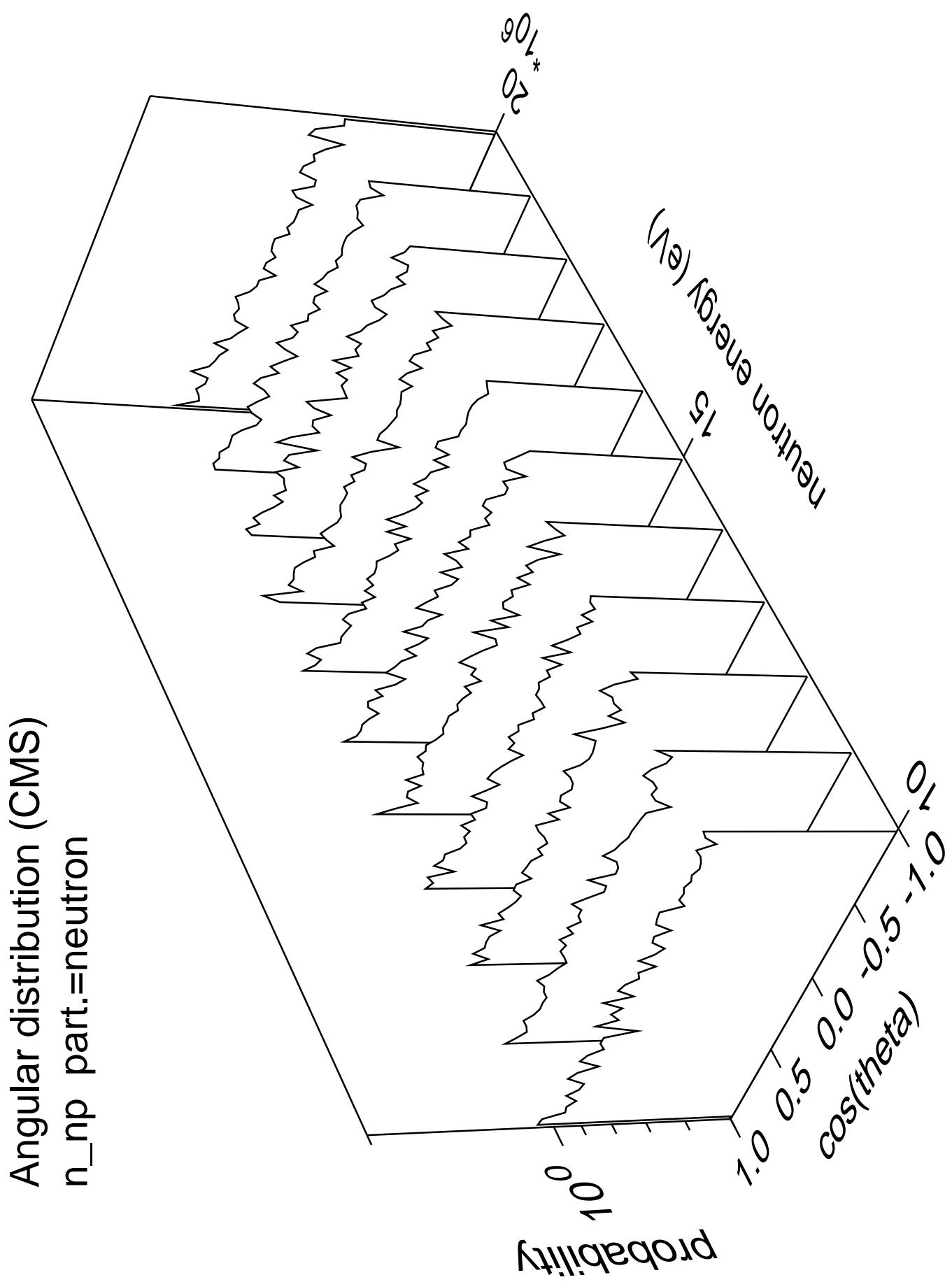


Angular distribution (CMS)  
 $n_{na}$  part.=alpha

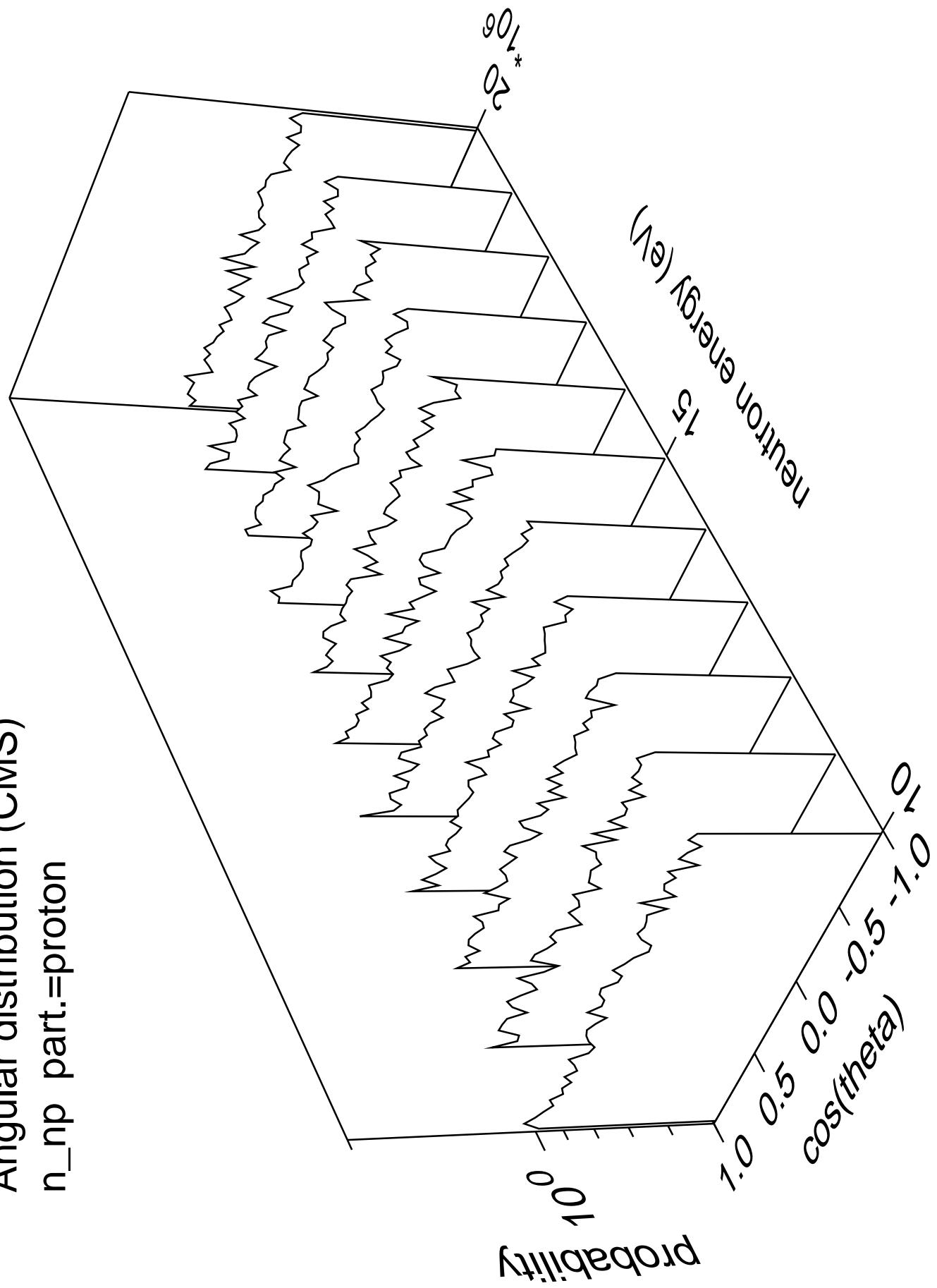


Angular distribution (CMS)  
 $n_{\text{na}}$  part.=gamma

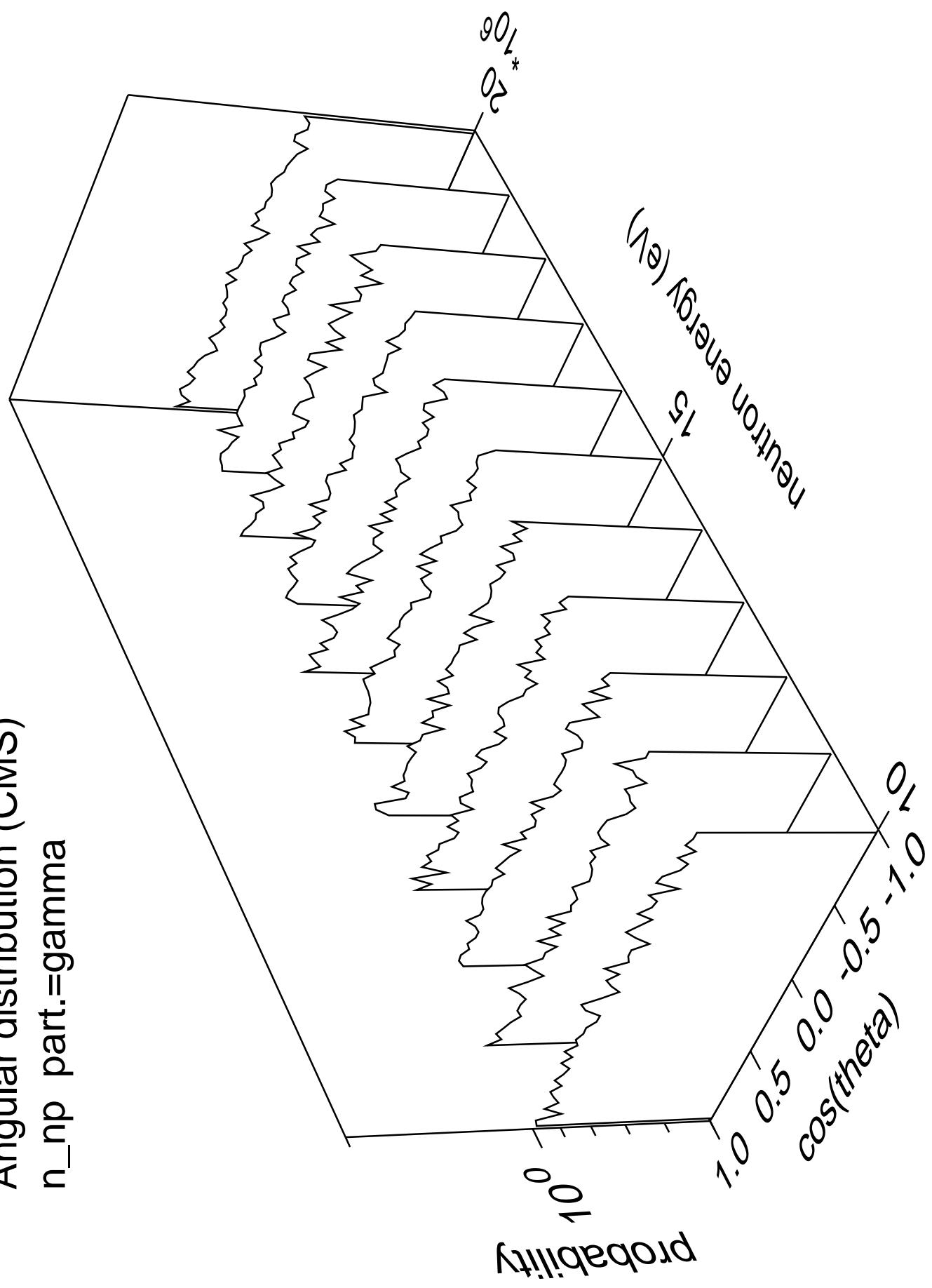


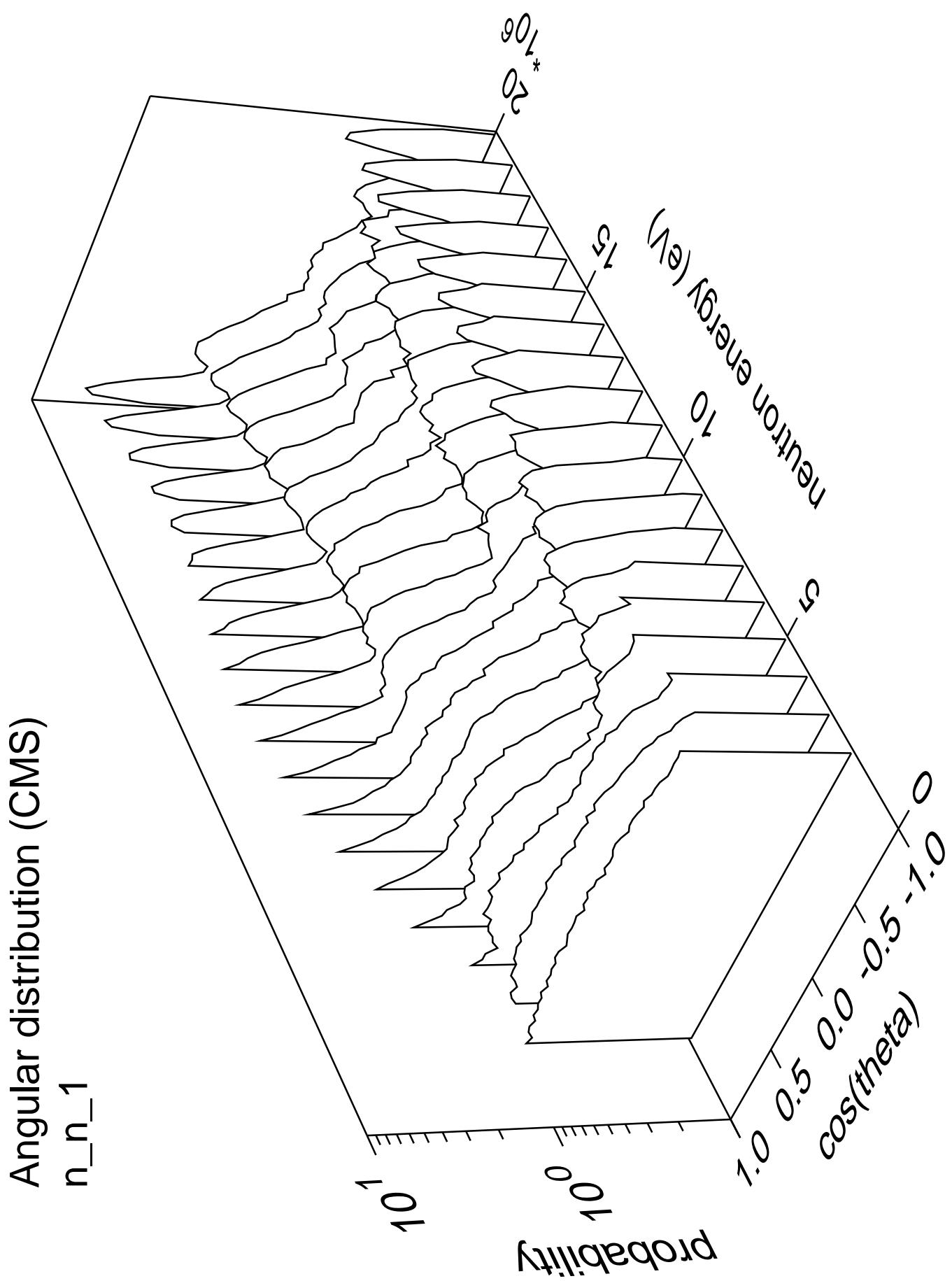


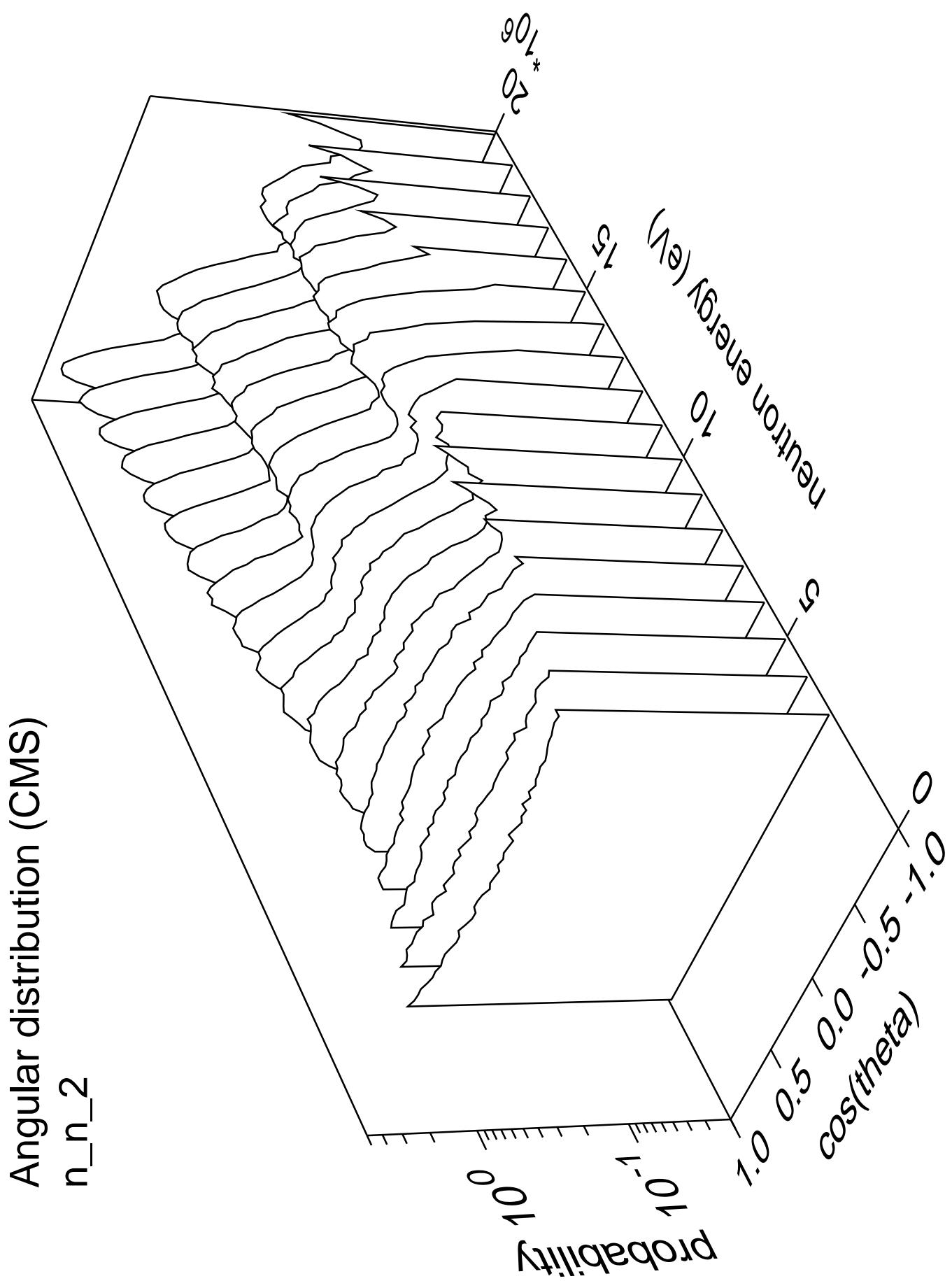
Angular distribution (CMS)  
 $n_{np}$  part.=proton

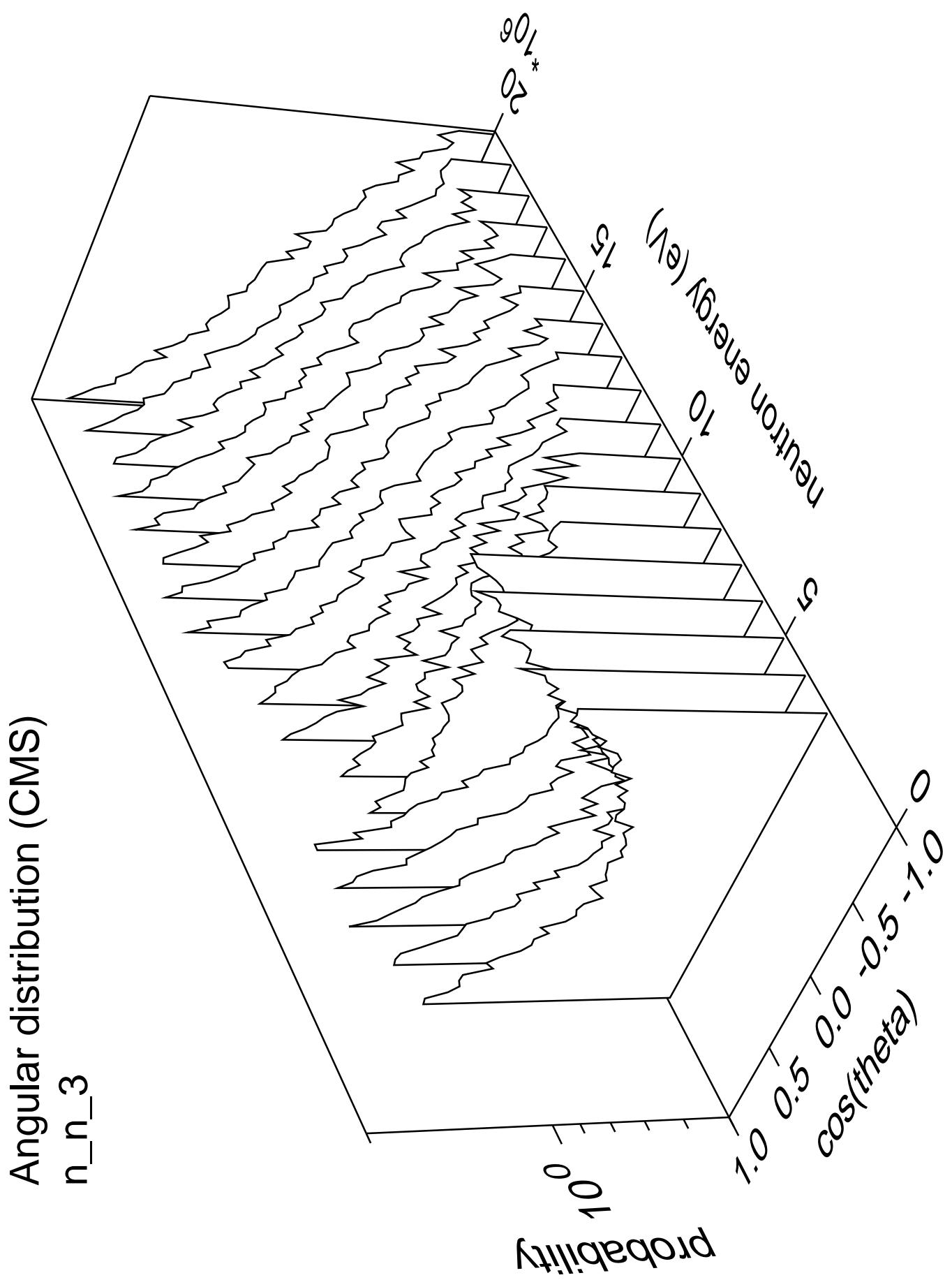


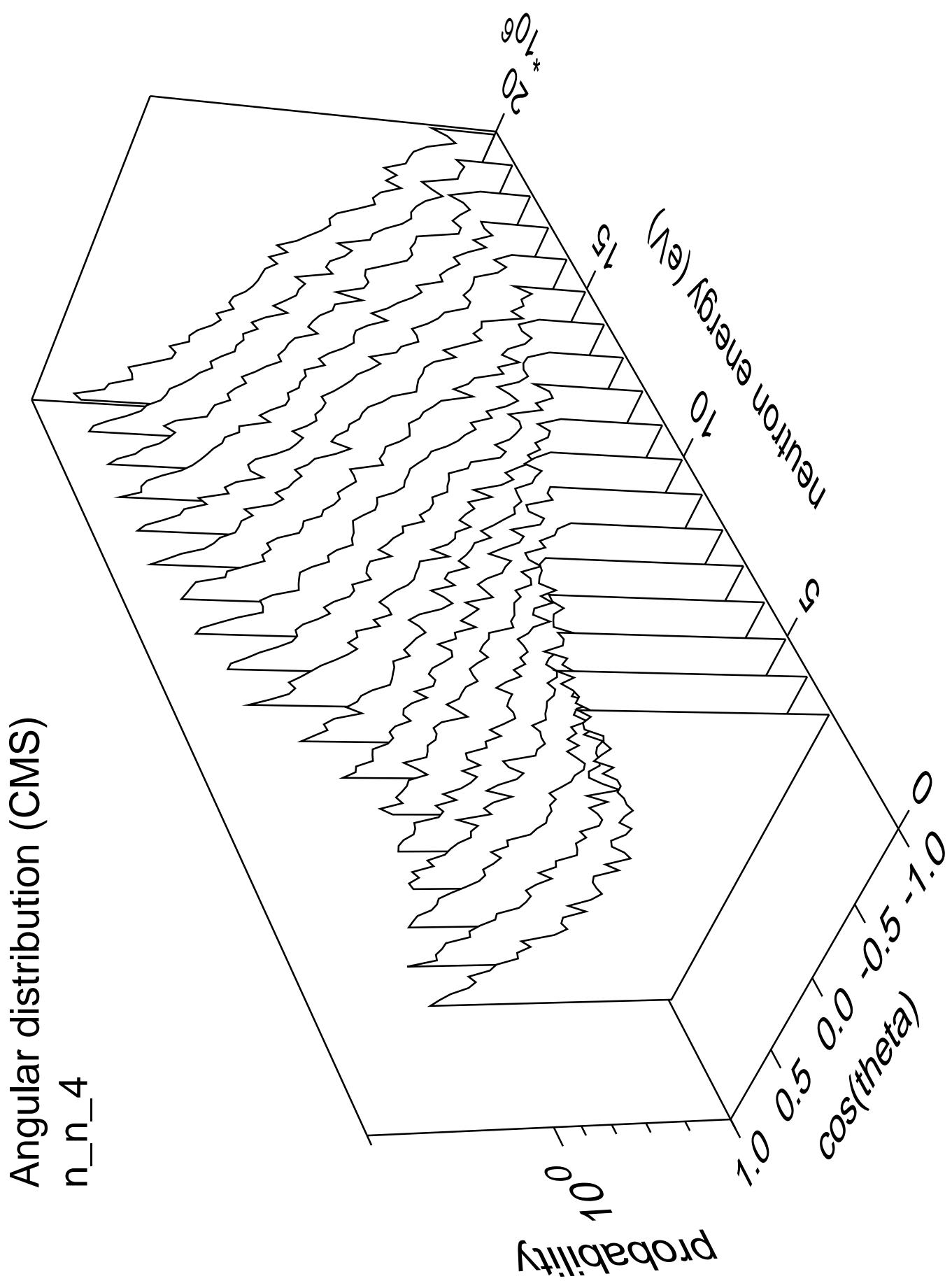
Angular distribution (CMS)  
 $n_{np}$  part.=gamma

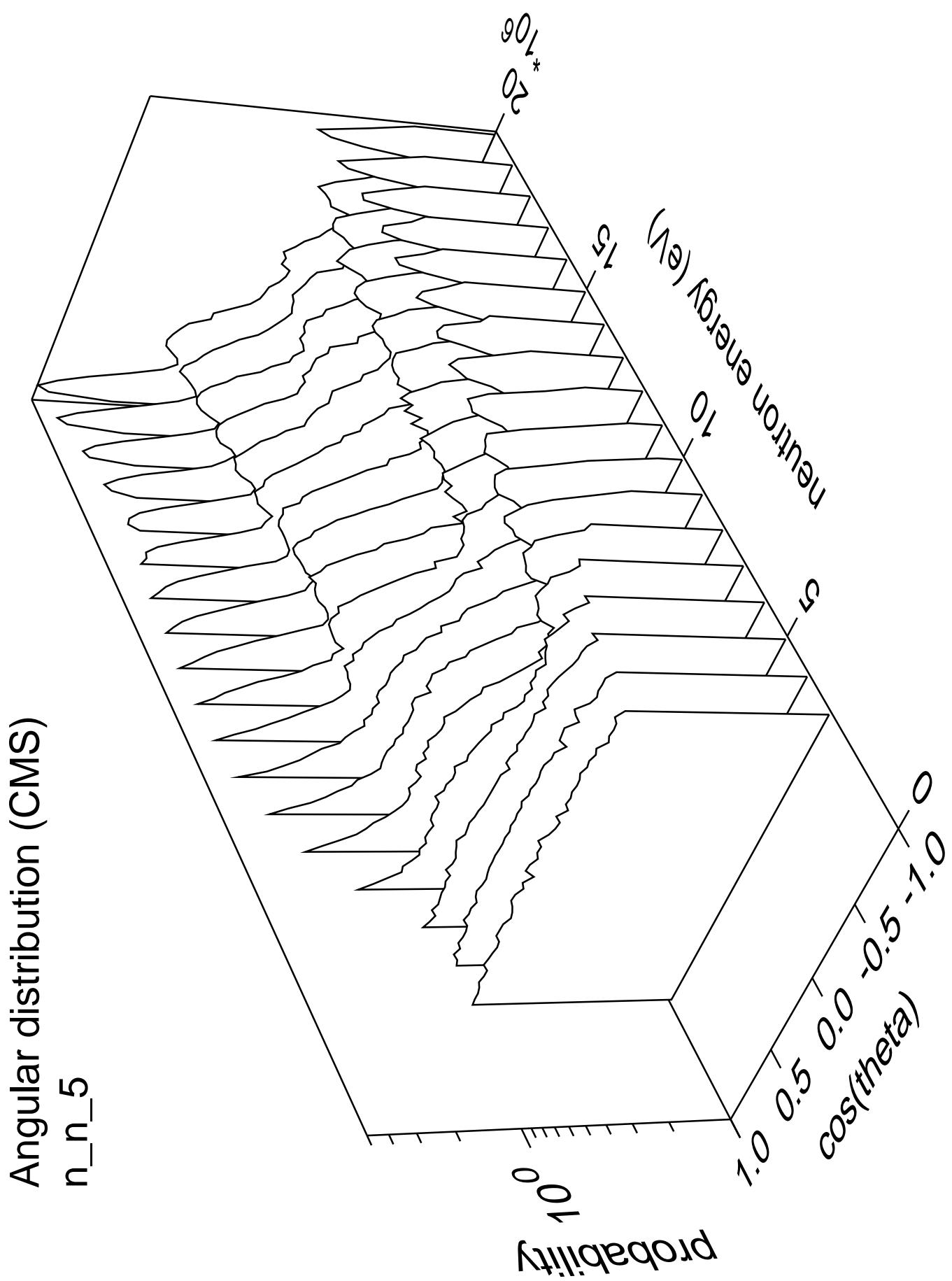


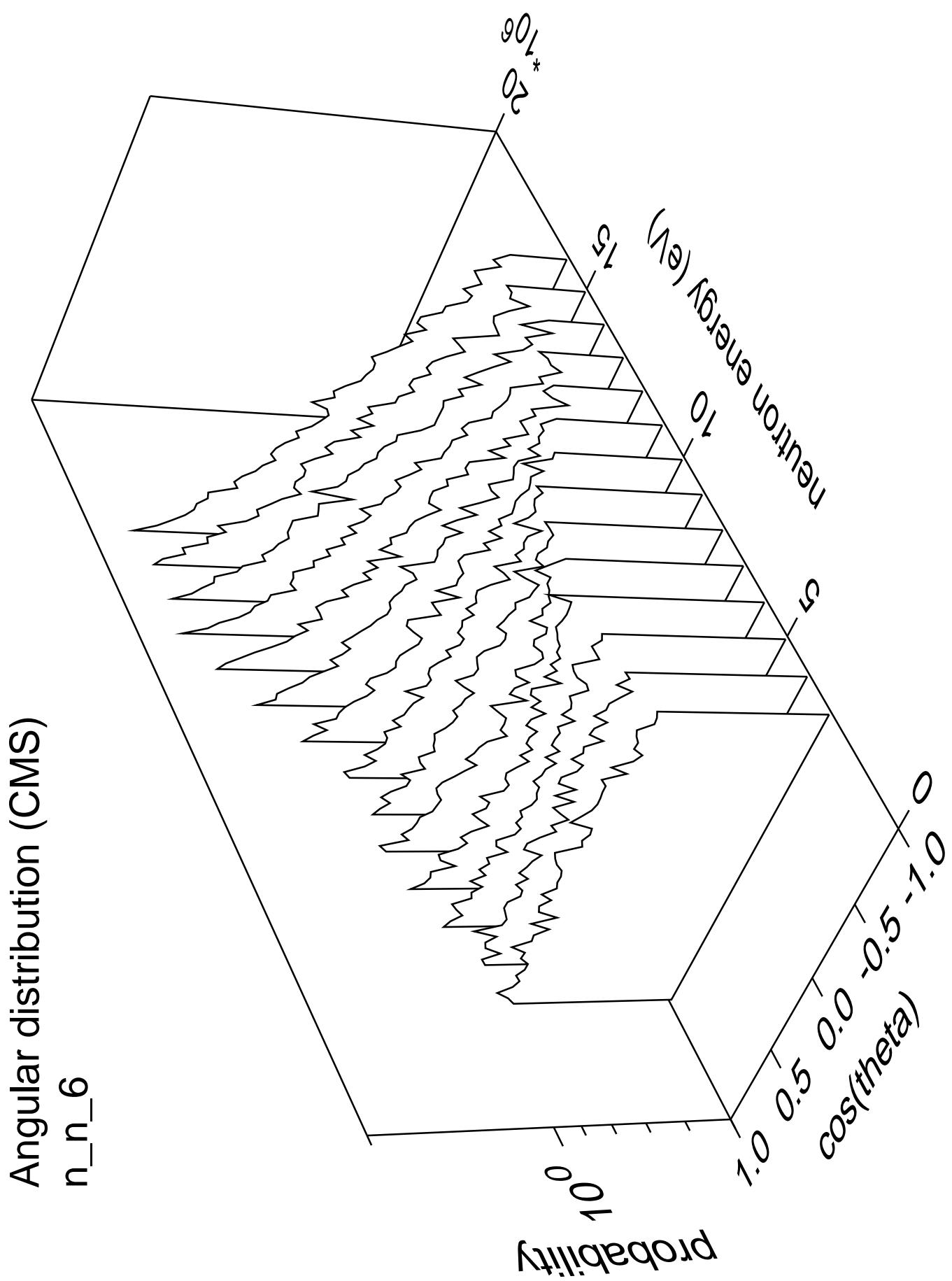




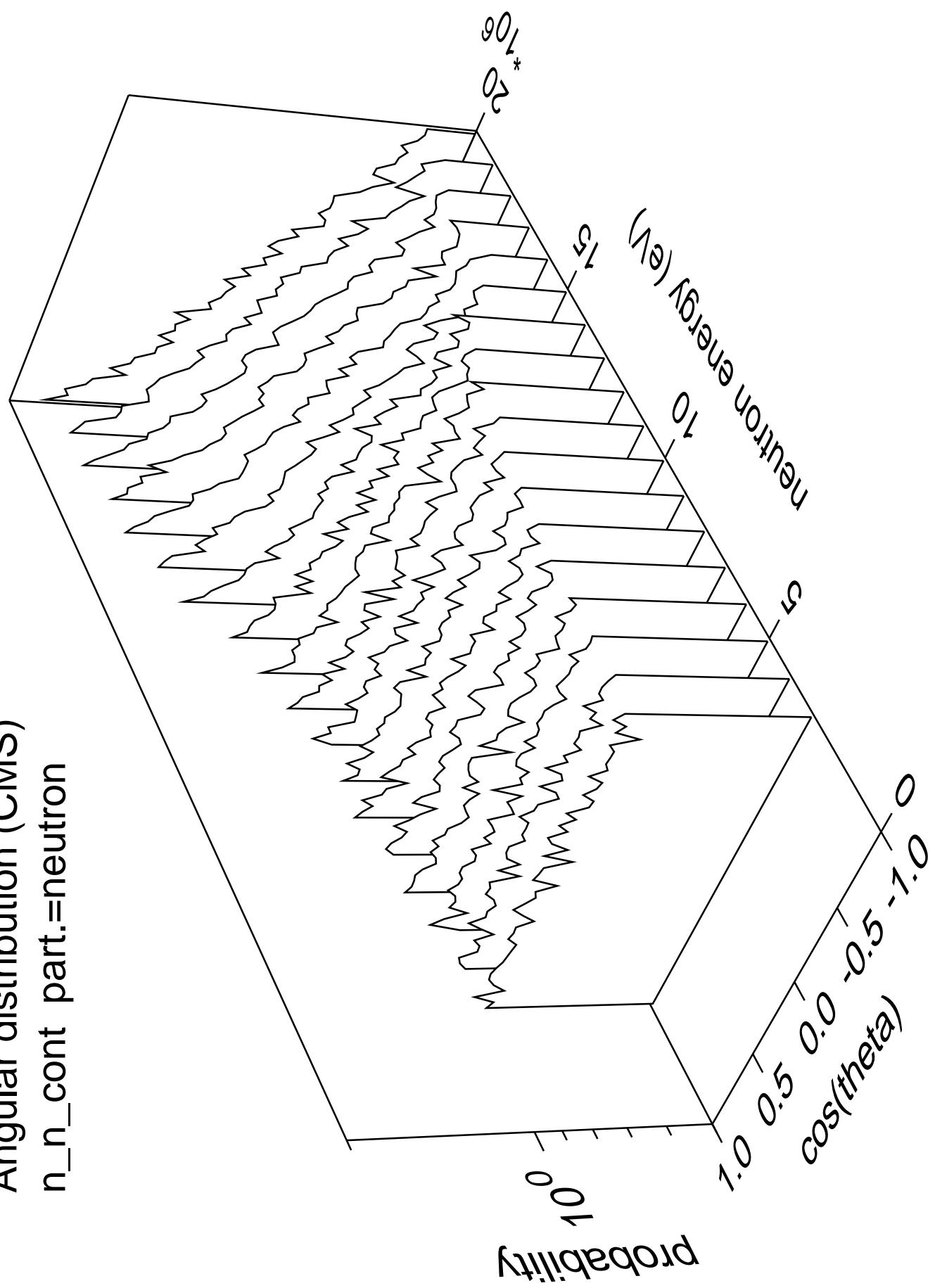




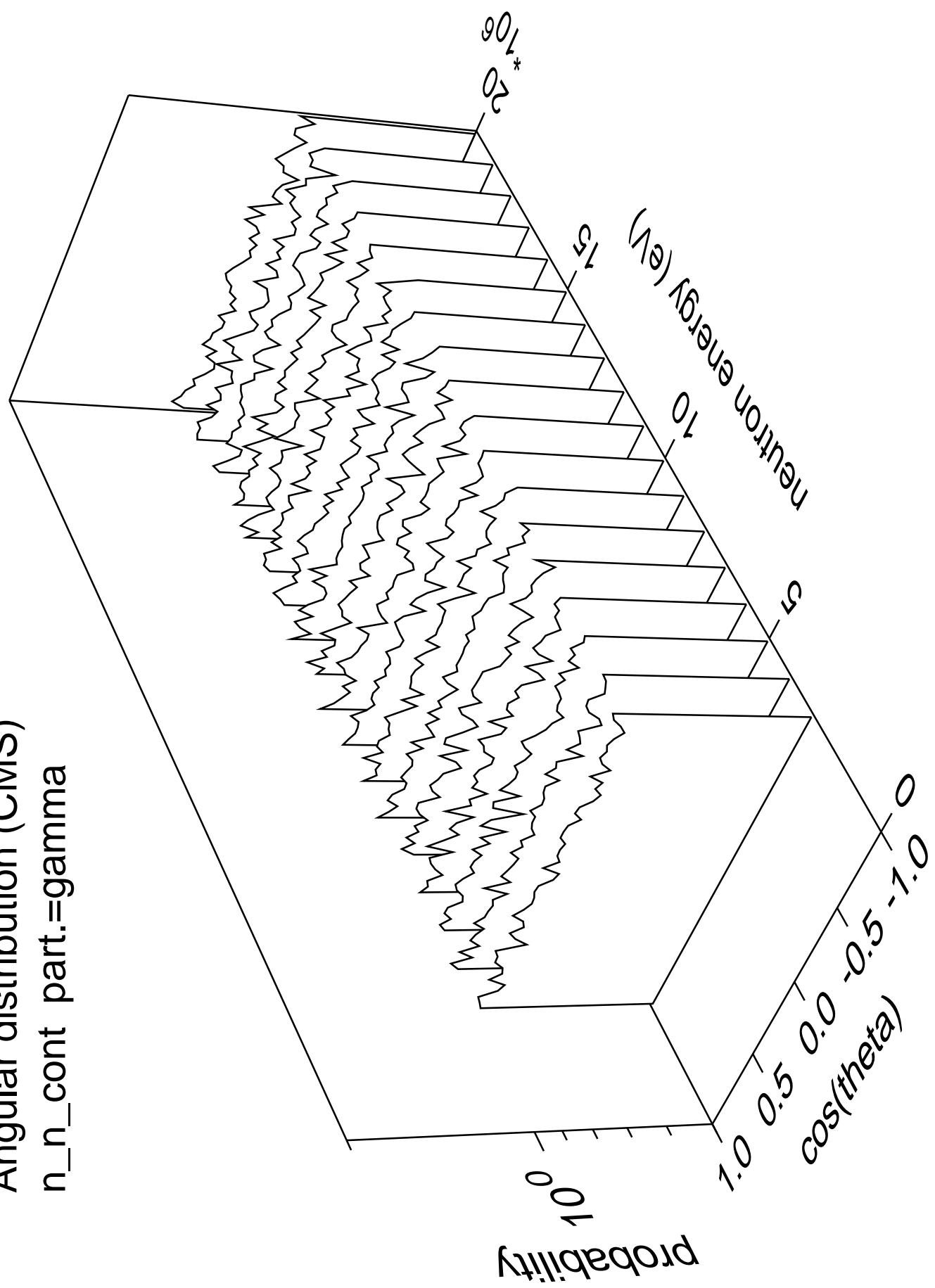


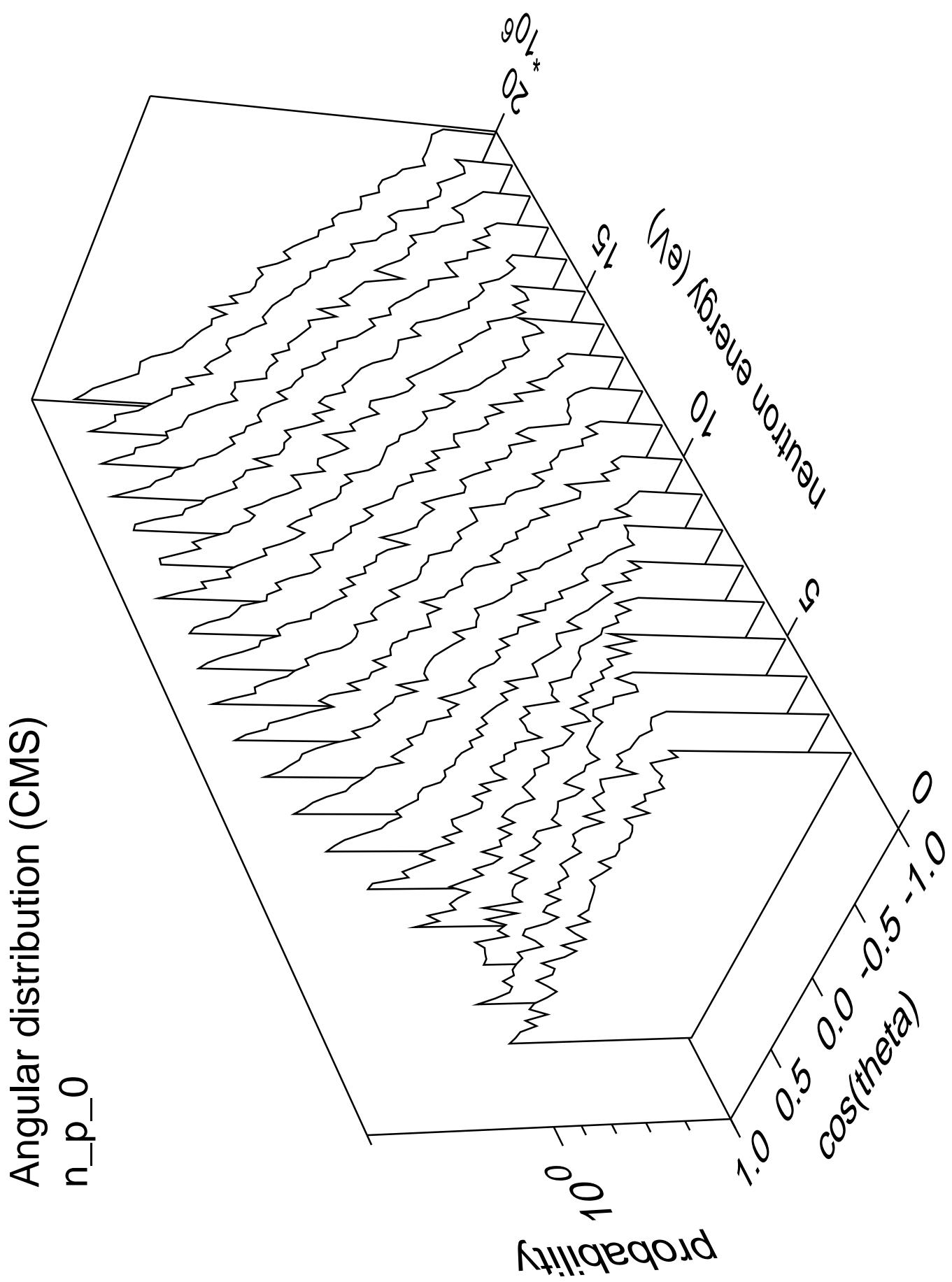


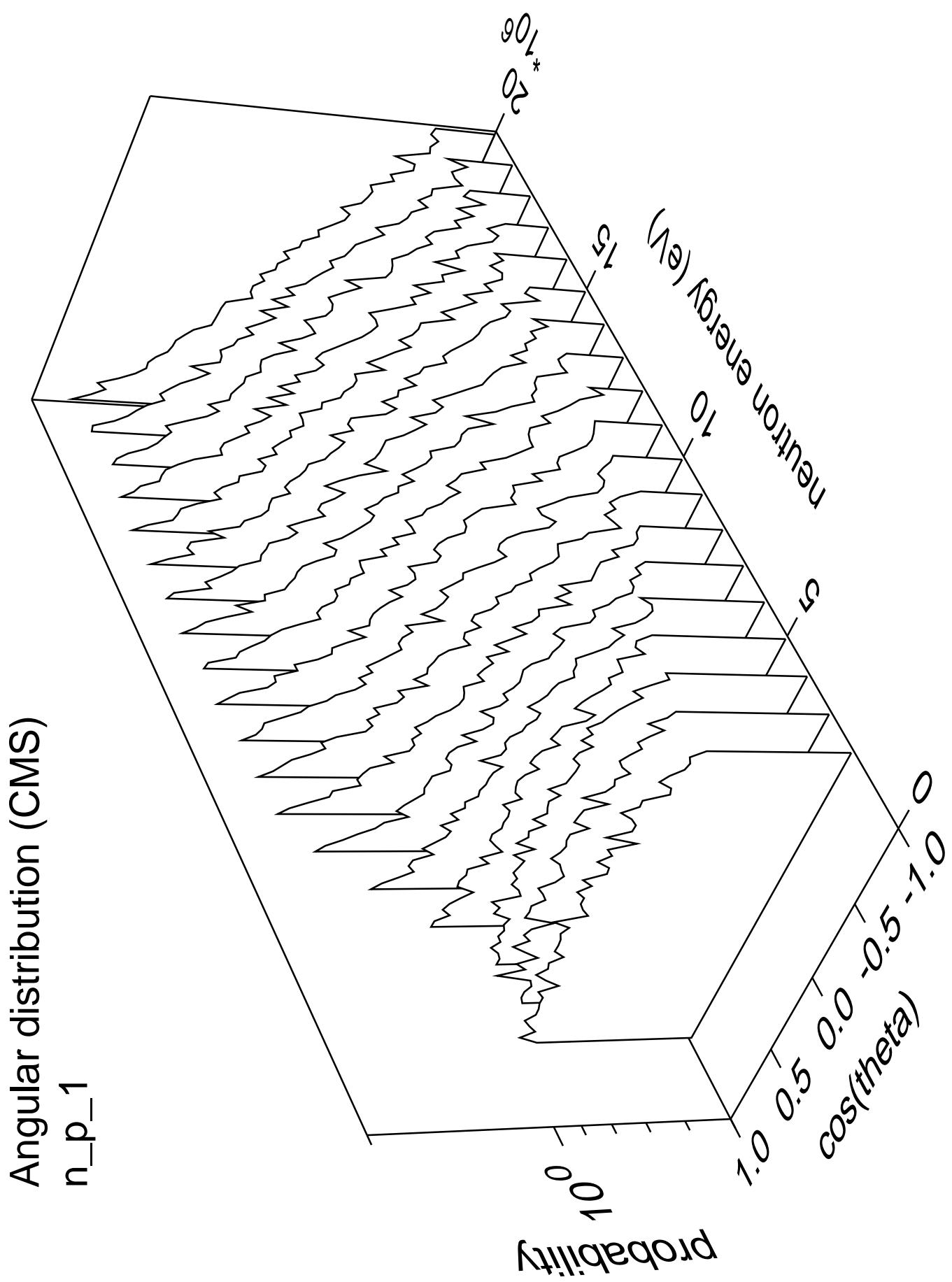
Angular distribution (CMS)  
 $n_n_{cont}$  part.=neutron

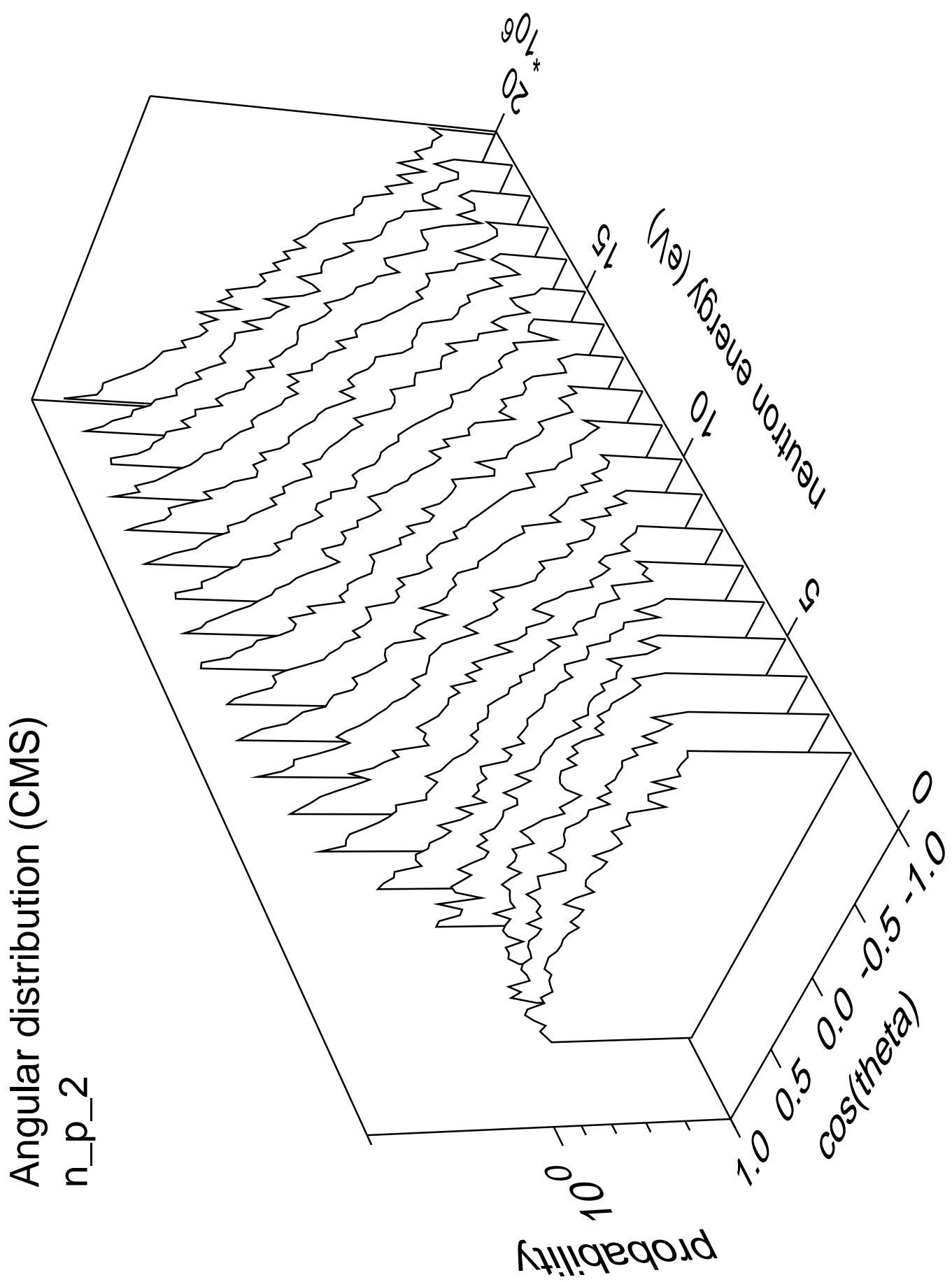


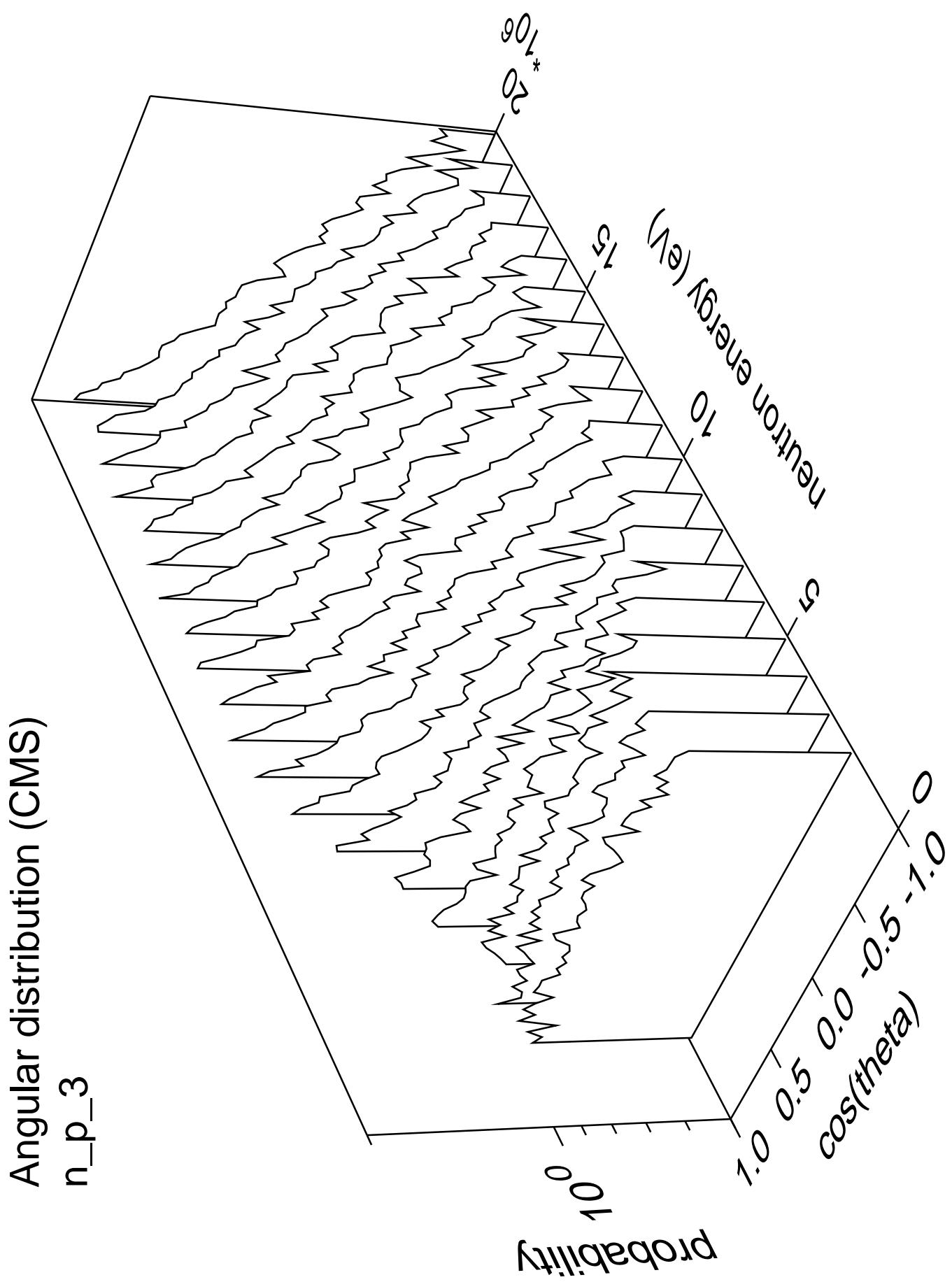
Angular distribution (CMS)  
n\_n\_cont part.=gamma

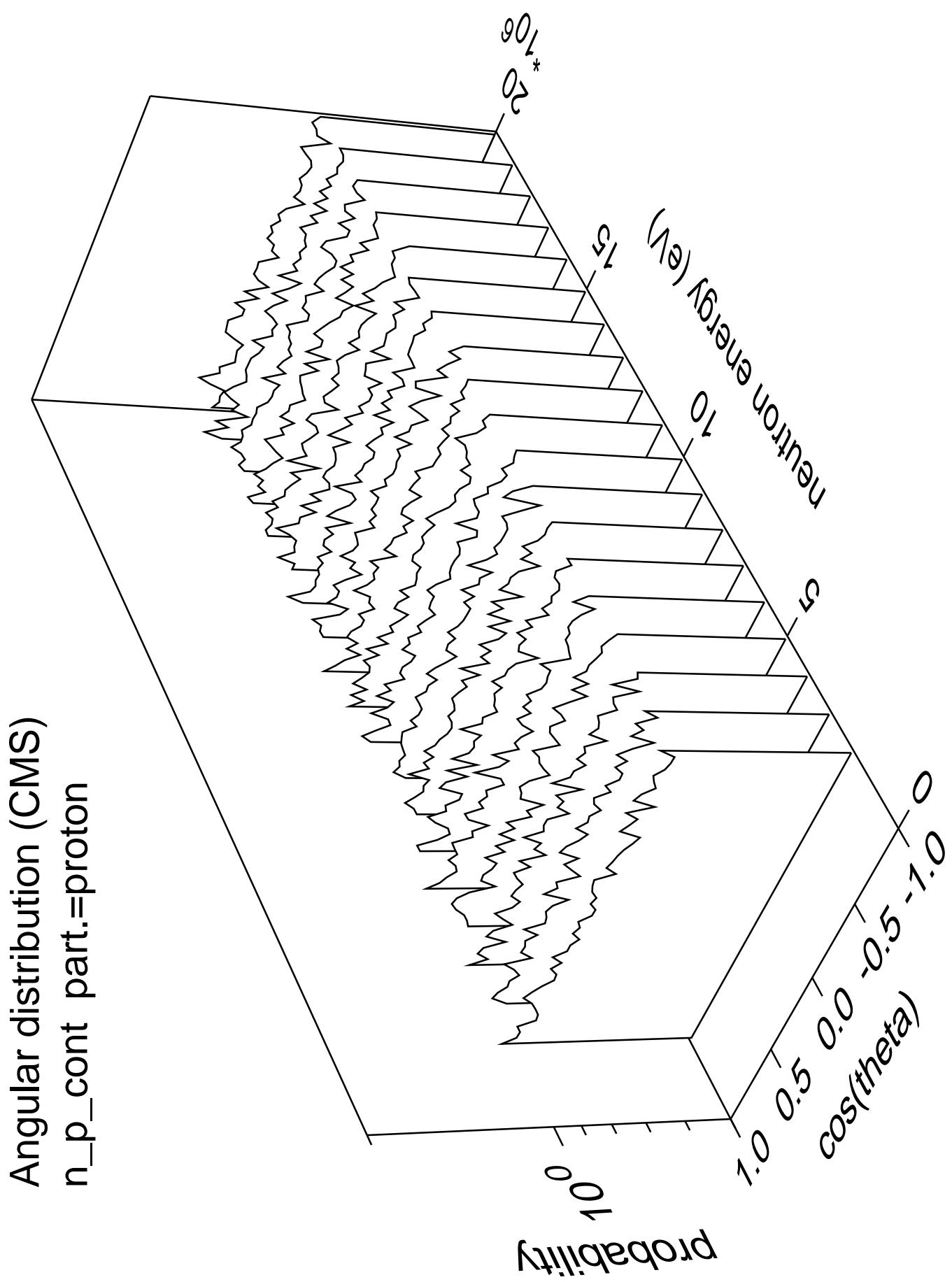




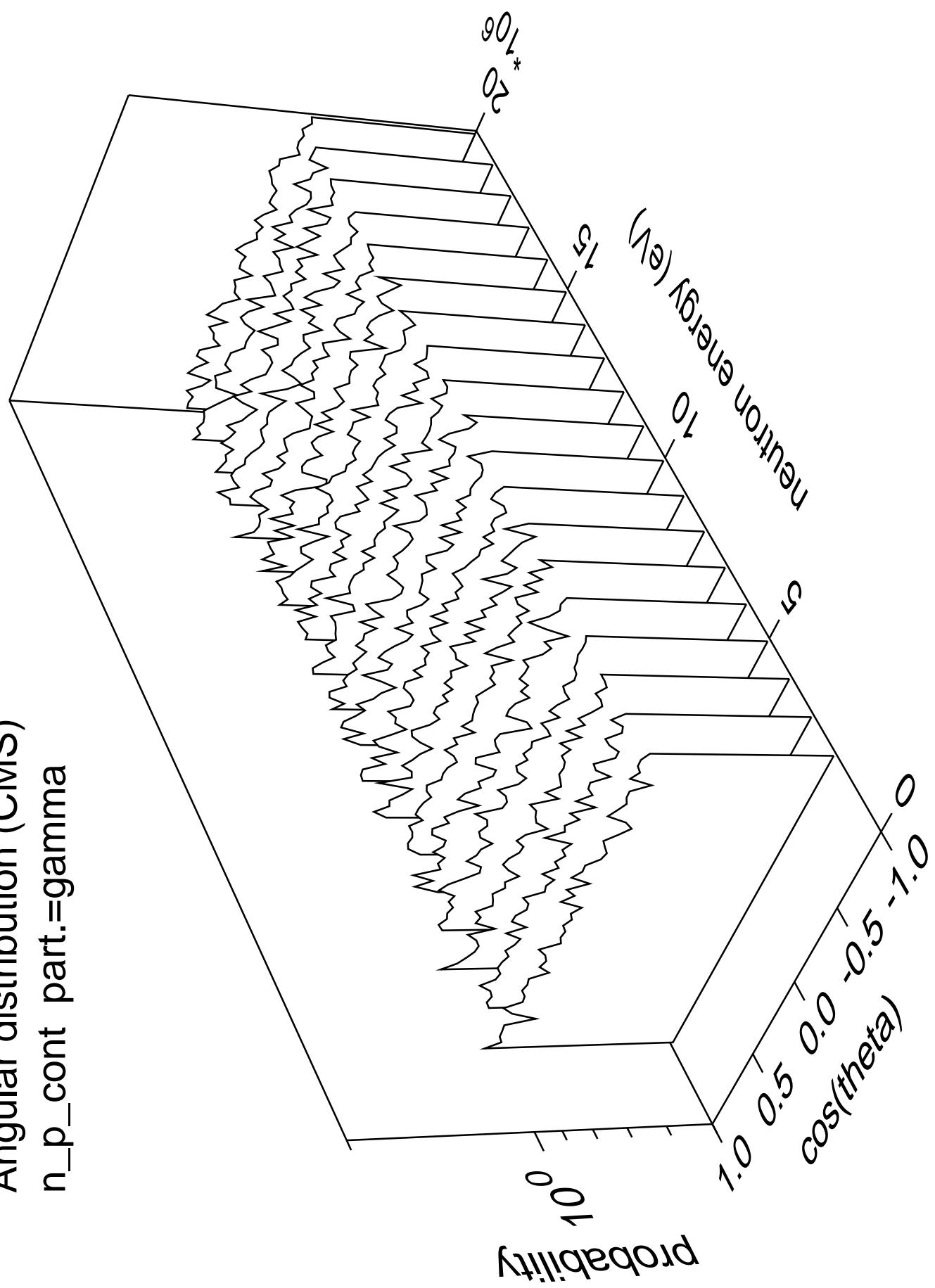


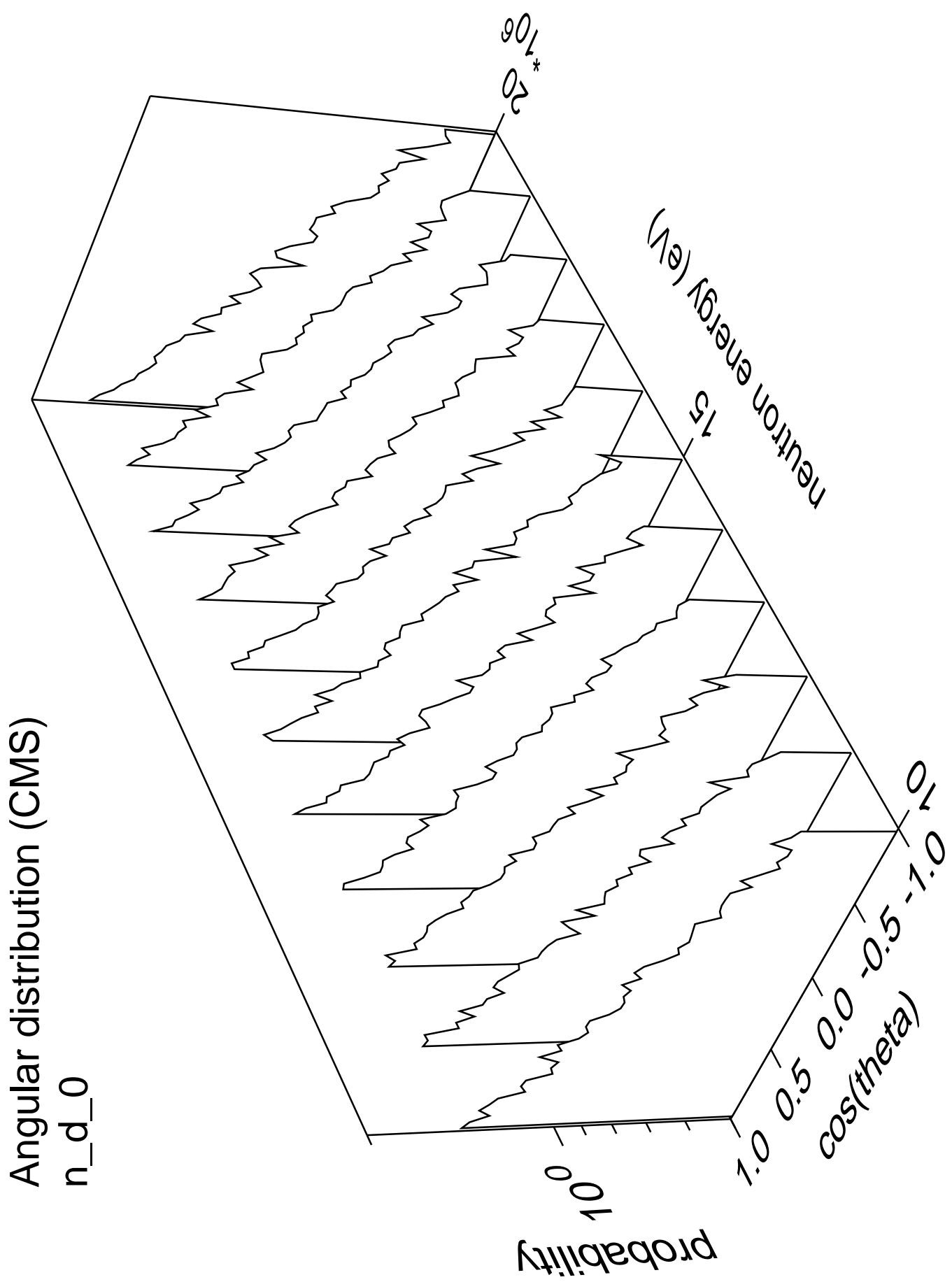


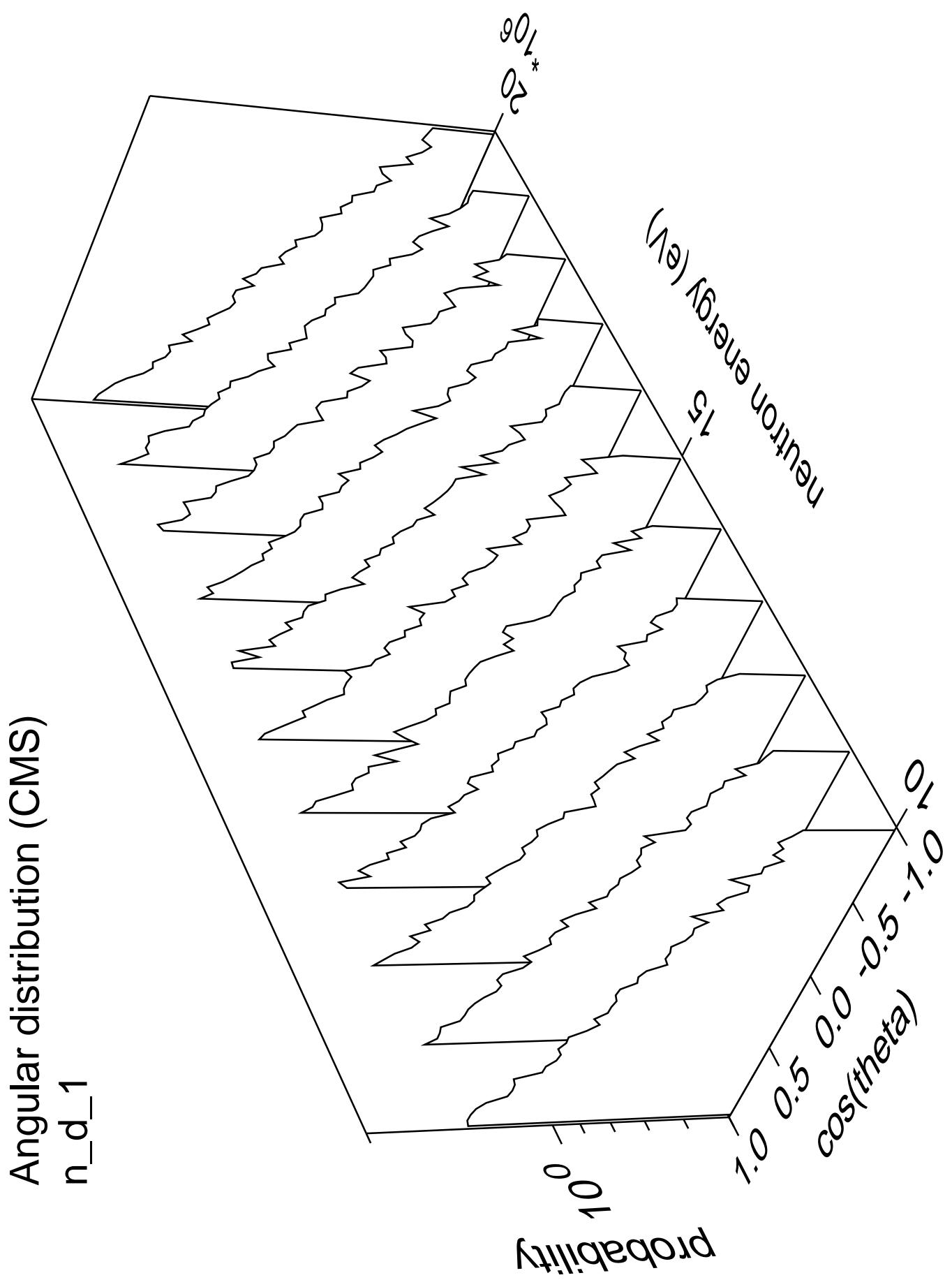


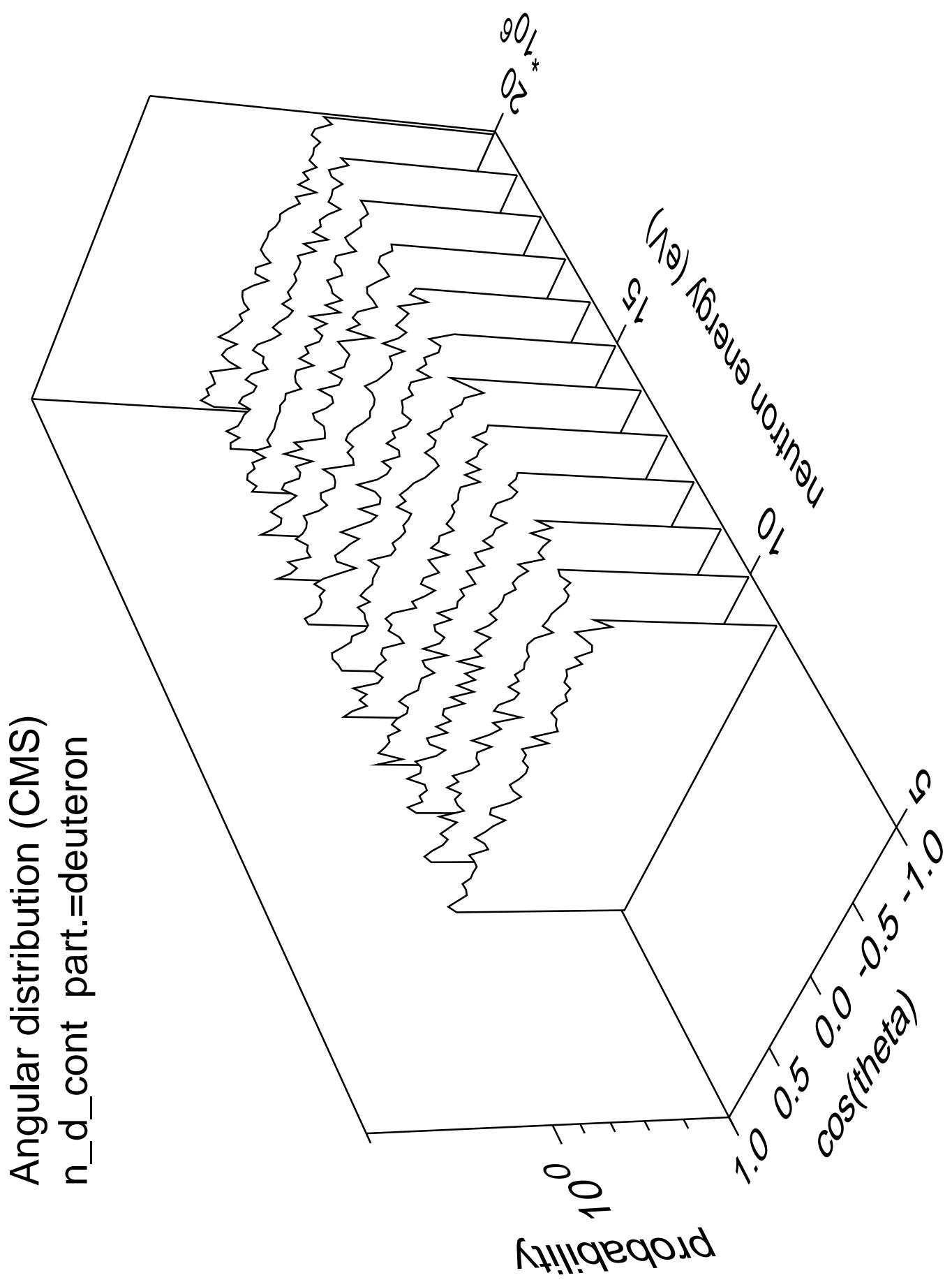


Angular distribution (CMS)  
n\_p\_cont part.=gamma

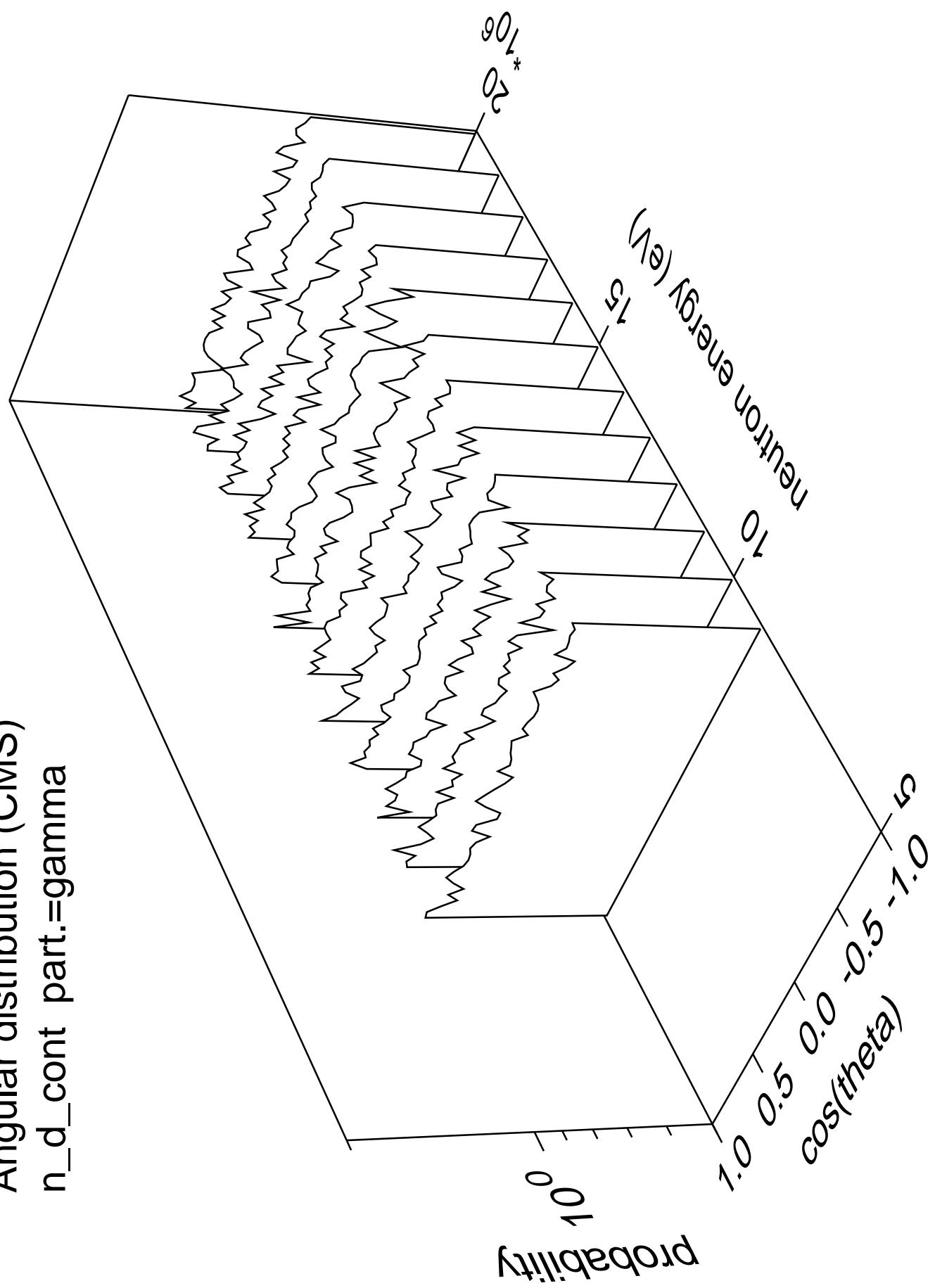


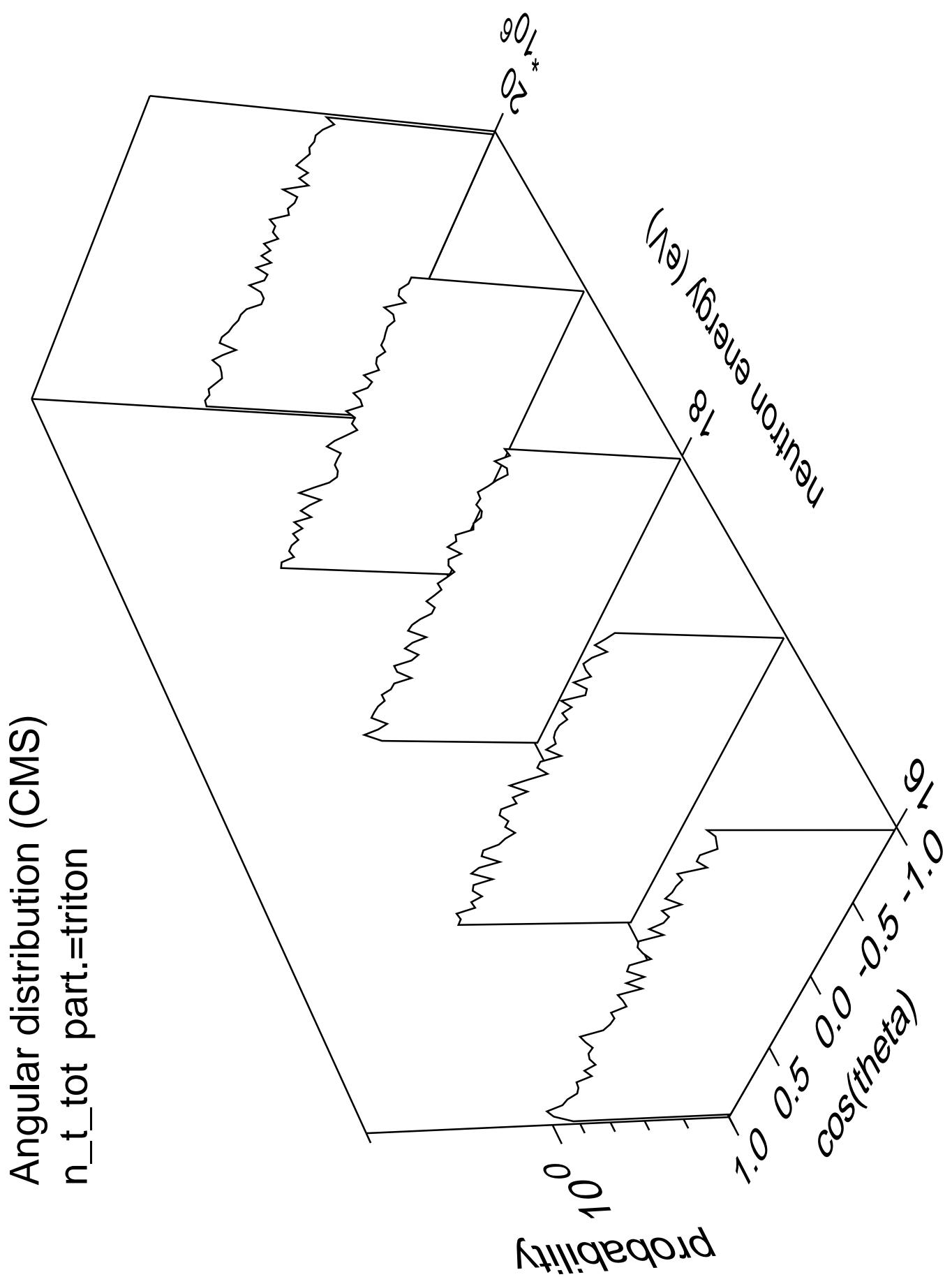


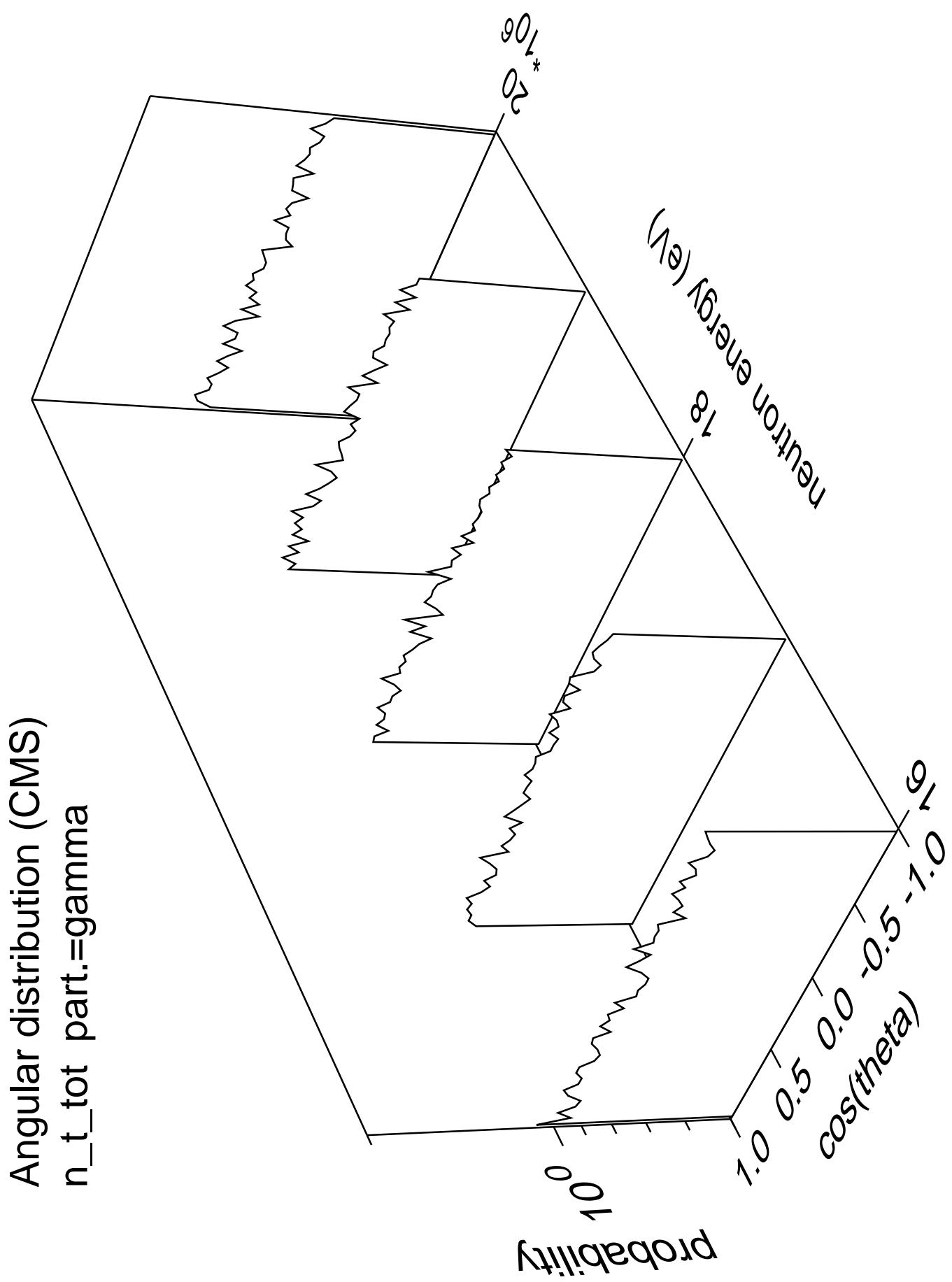




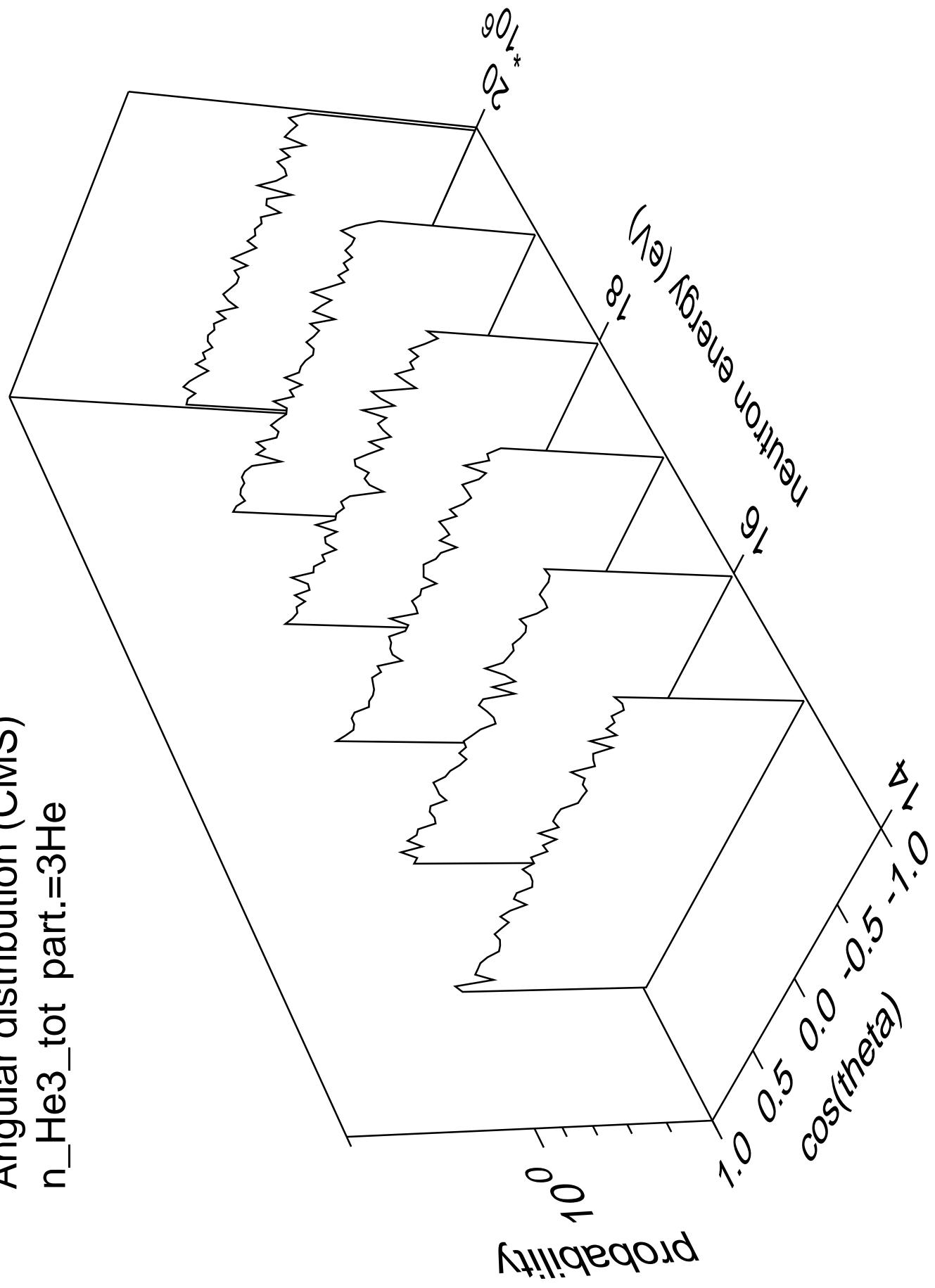
Angular distribution (CMS)  
n\_d\_cont part.=gamma



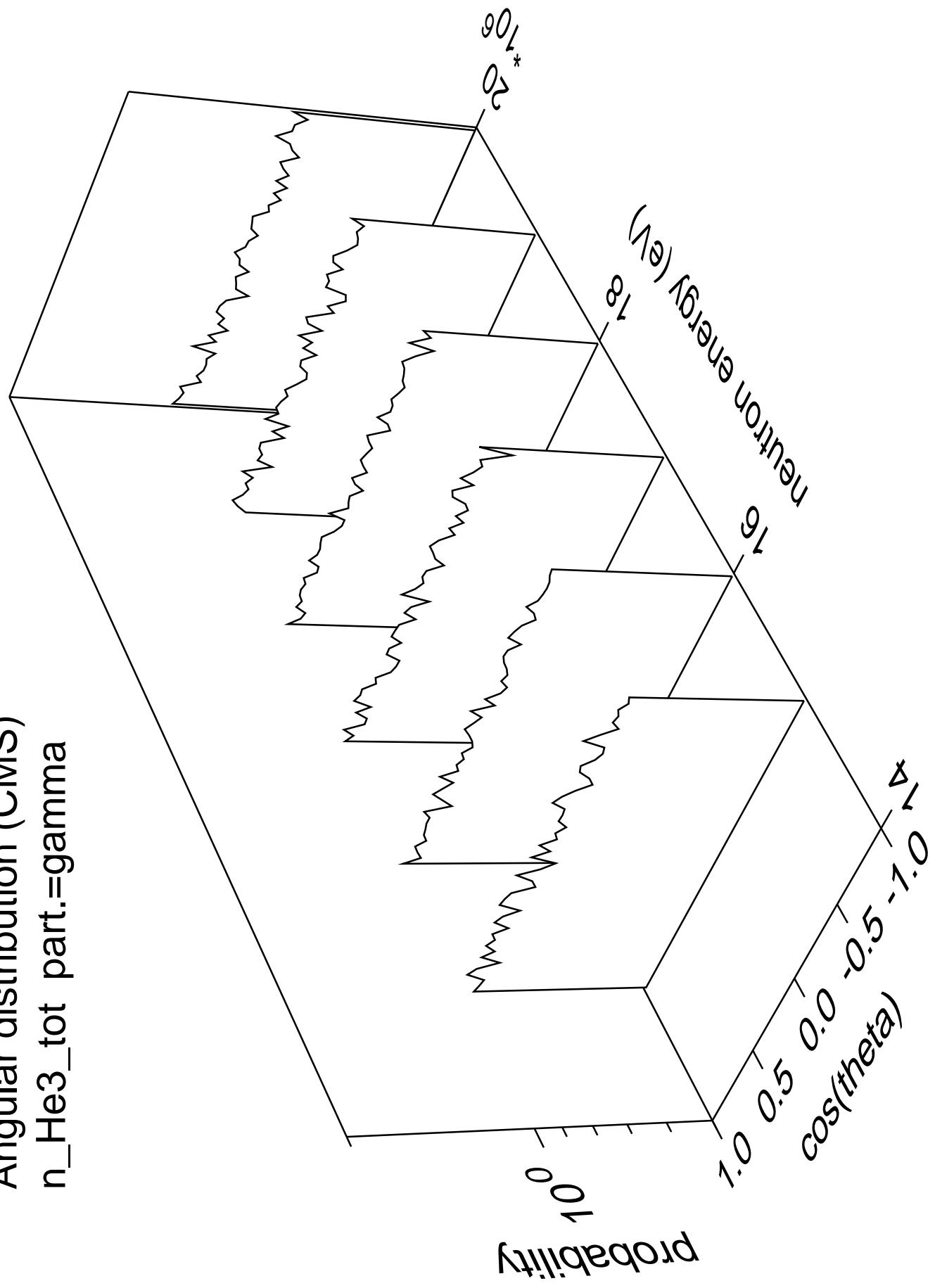


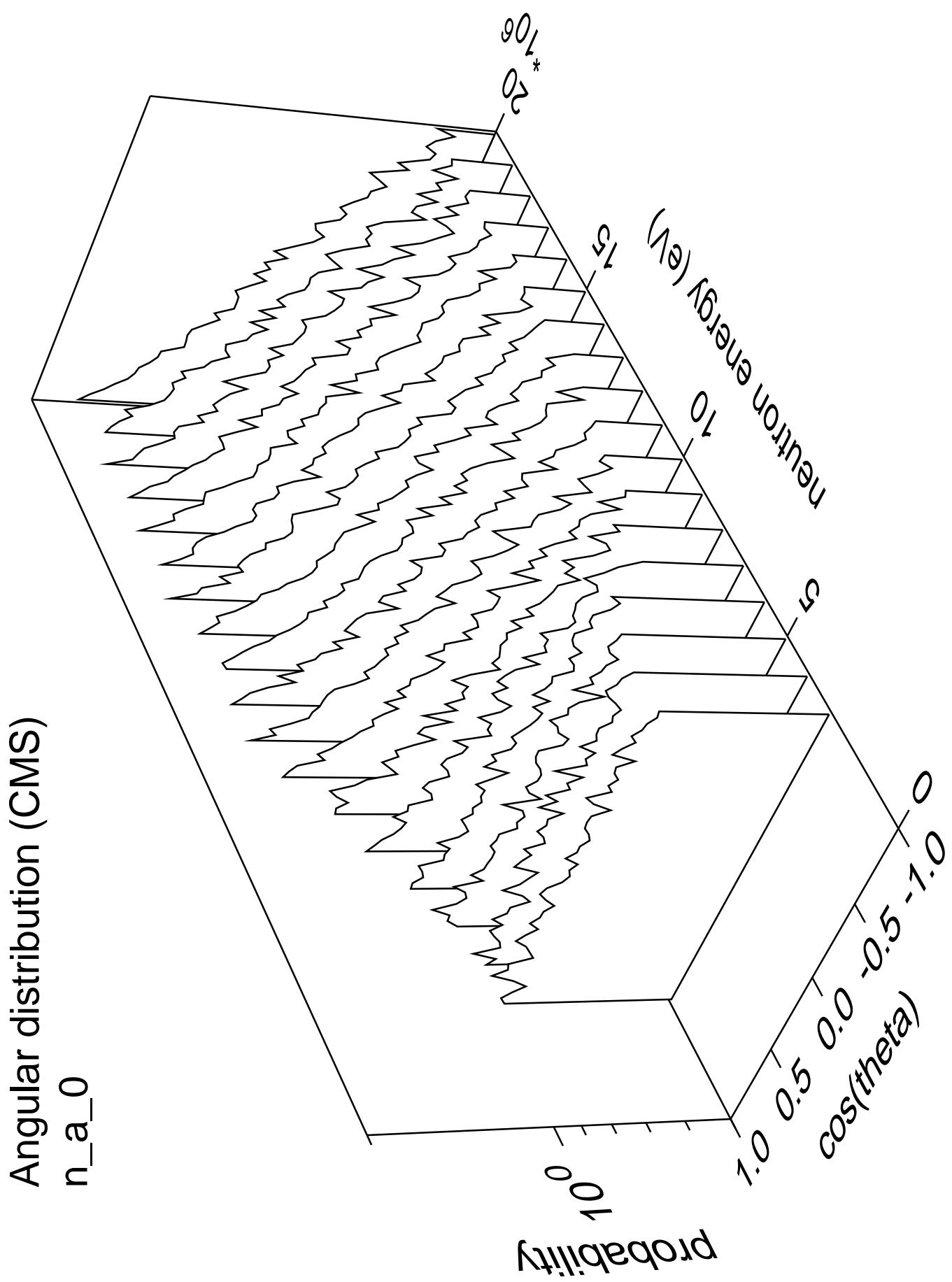


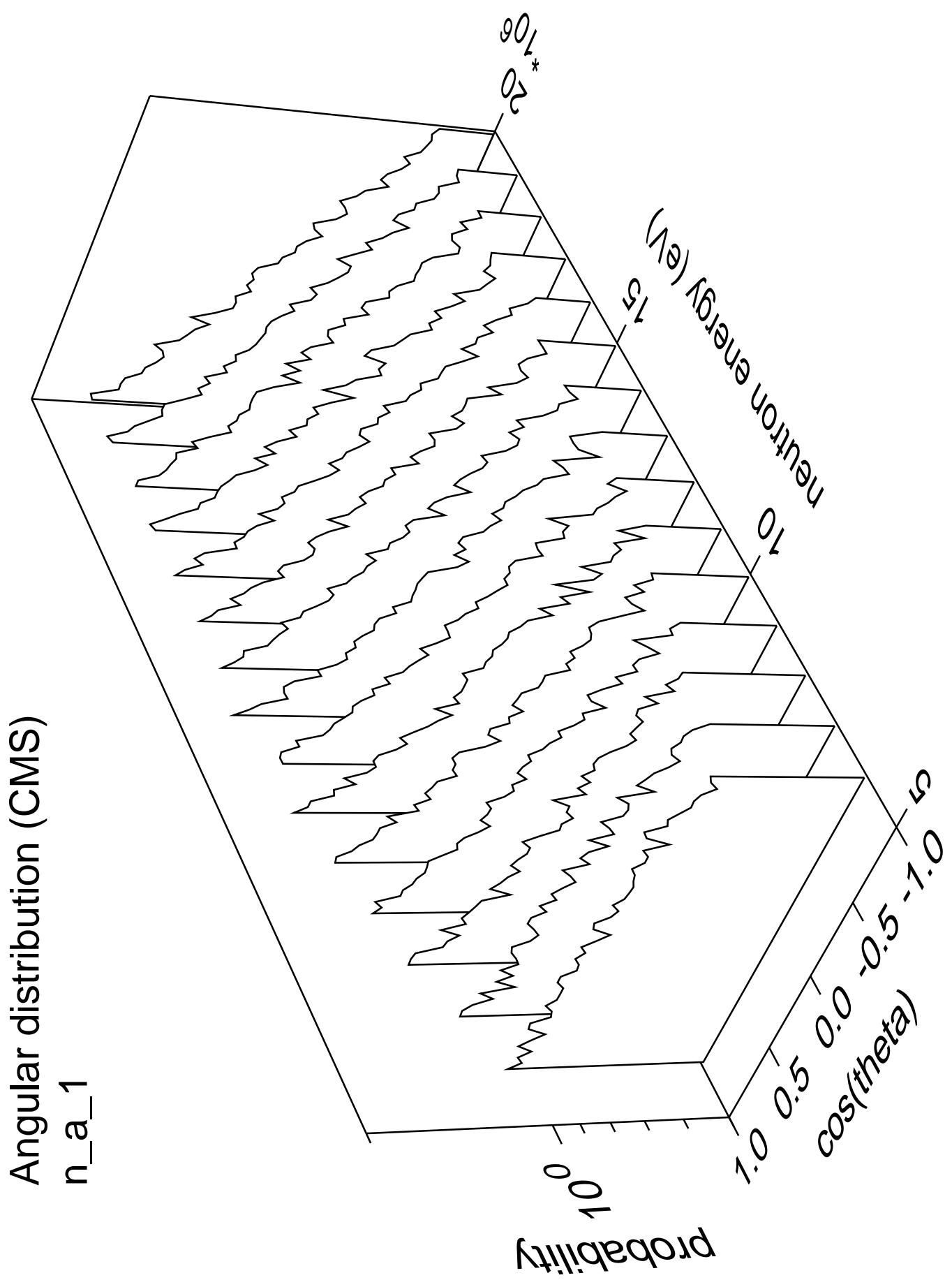
Angular distribution (CMS)  
 $n_{\text{He3\_tot}}$  part.= $3\text{He}$

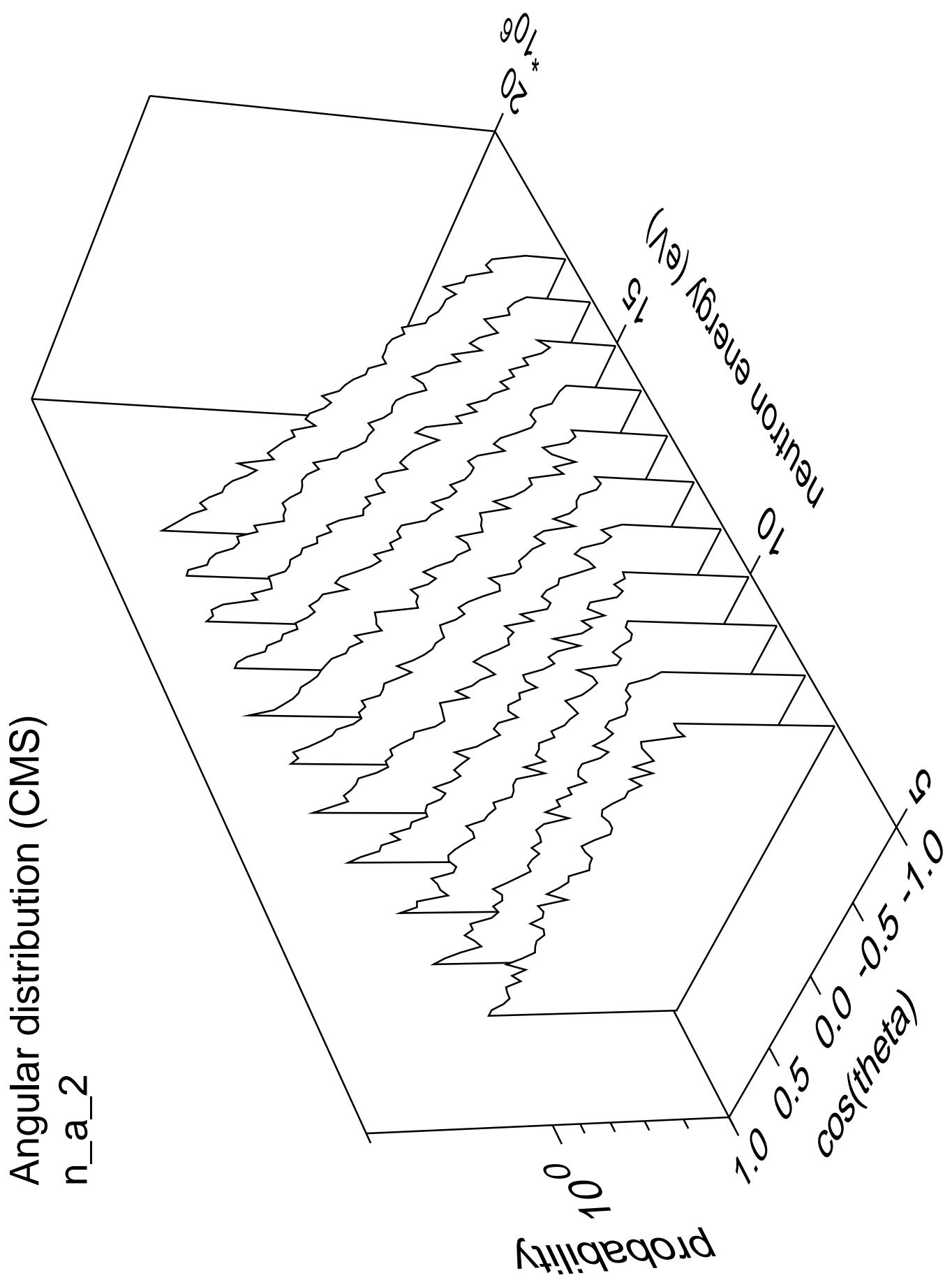


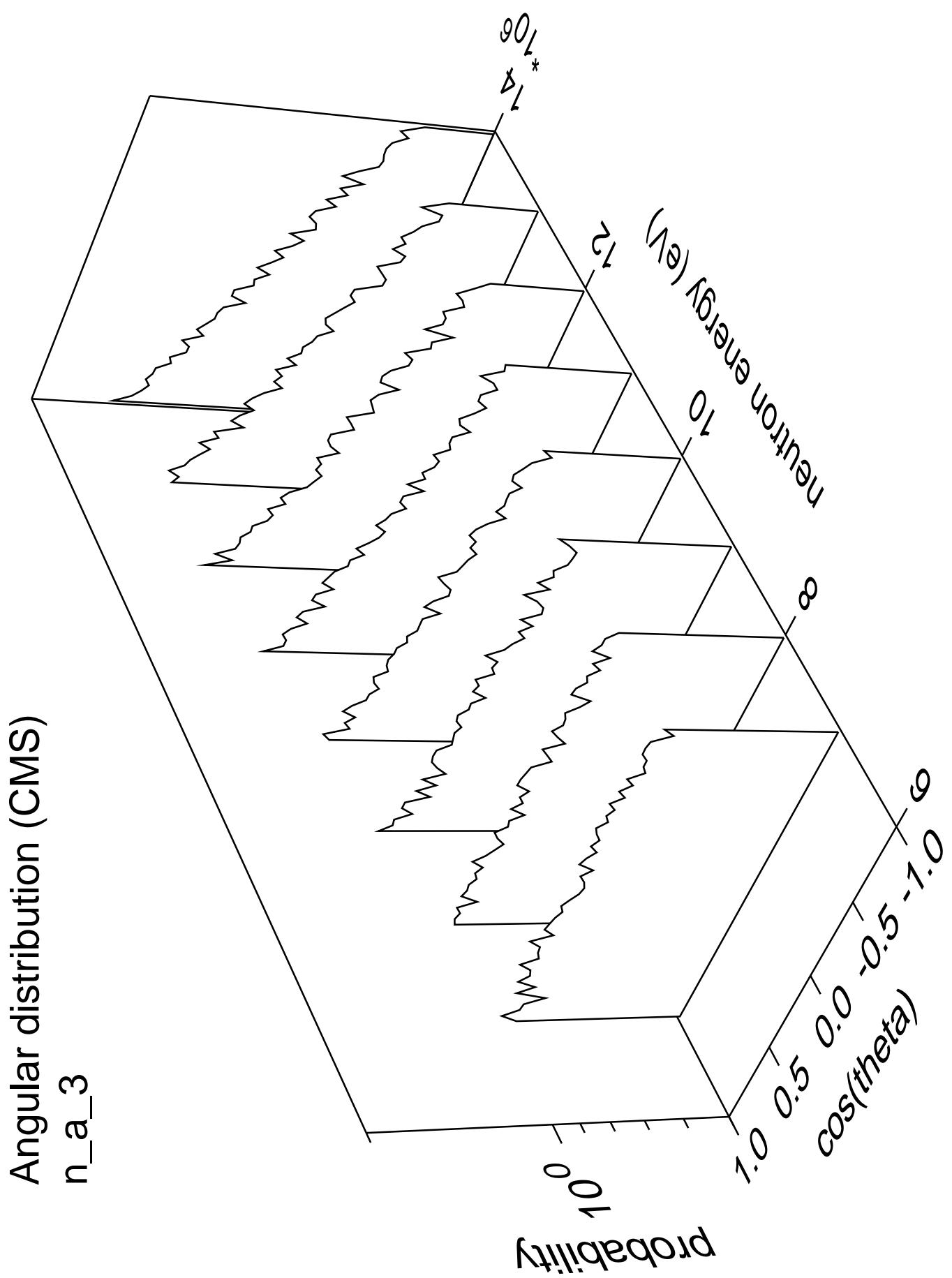
Angular distribution (CMS)  
 $n_{\text{He3\_tot}}$  part.=gamma



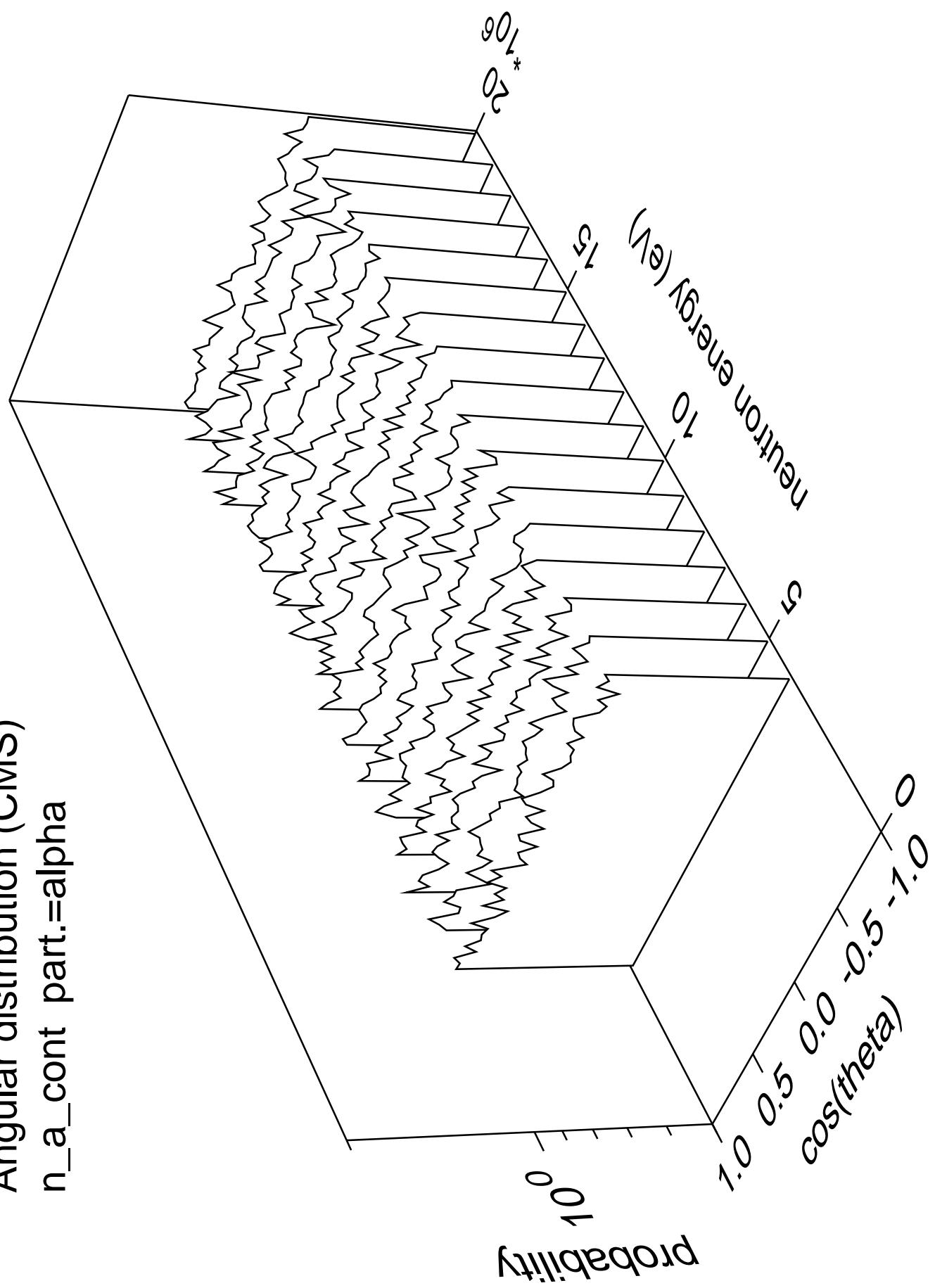




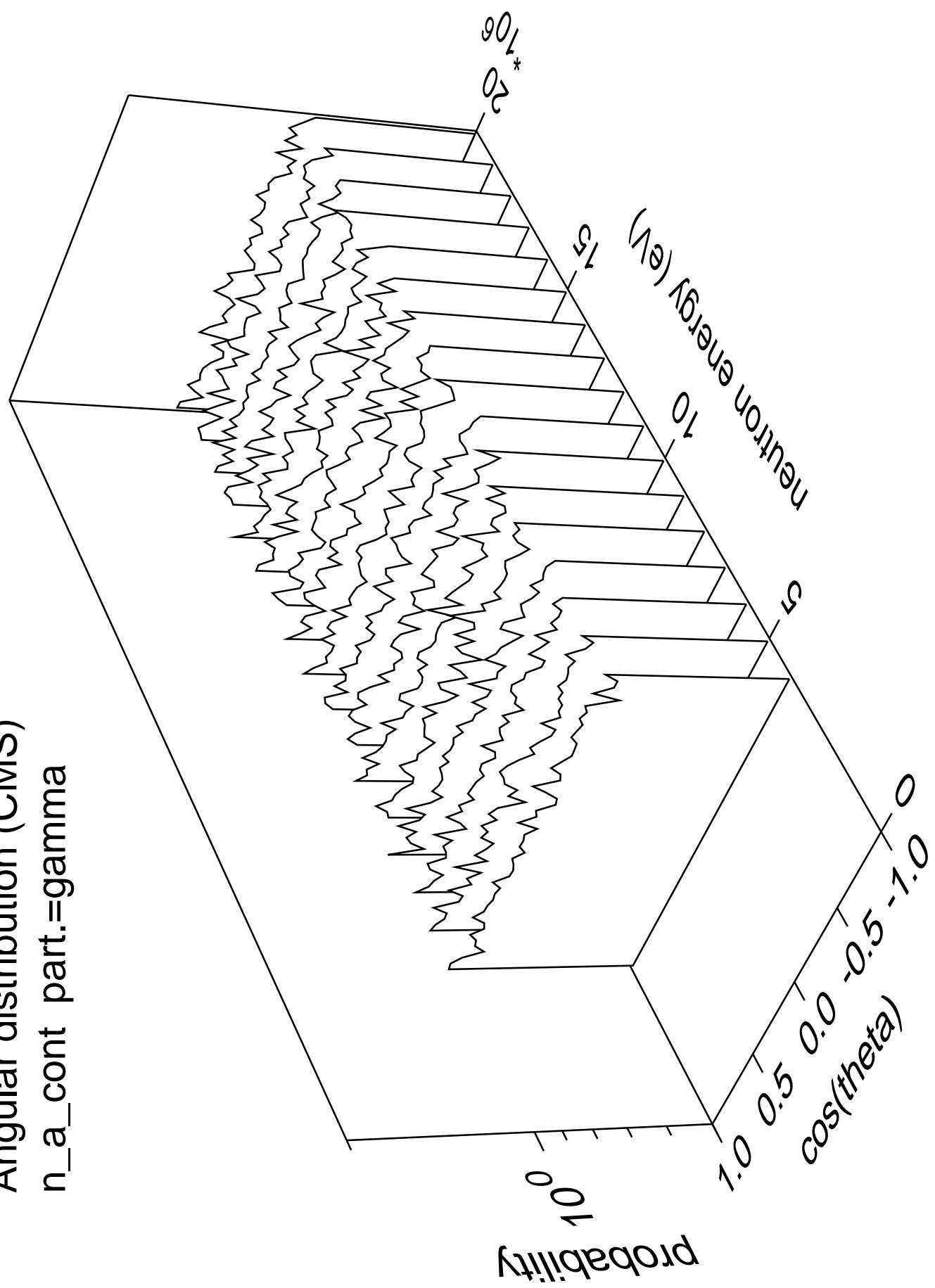




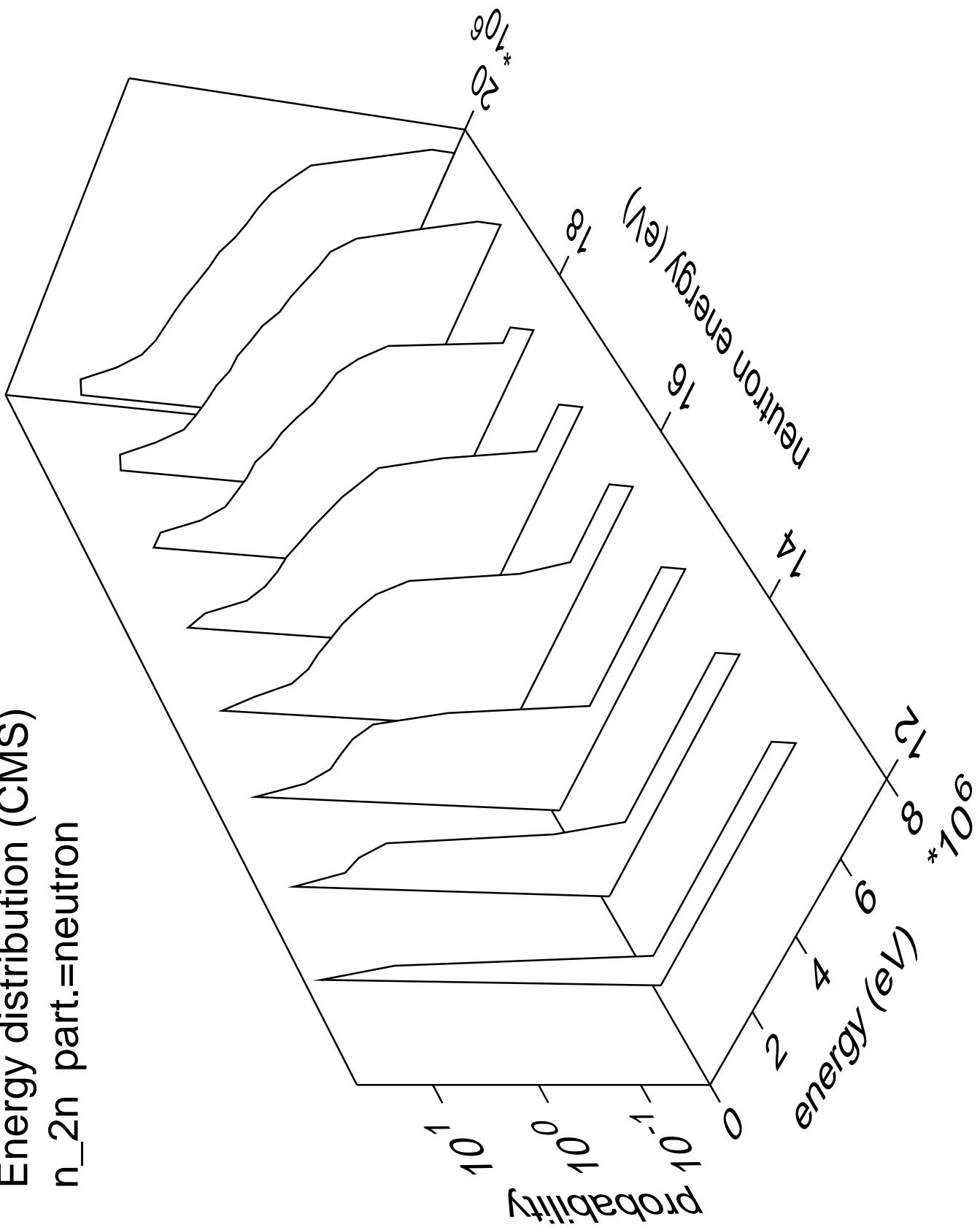
Angular distribution (CMS)  
 $n_a_{\text{cont}}$  part.=alpha



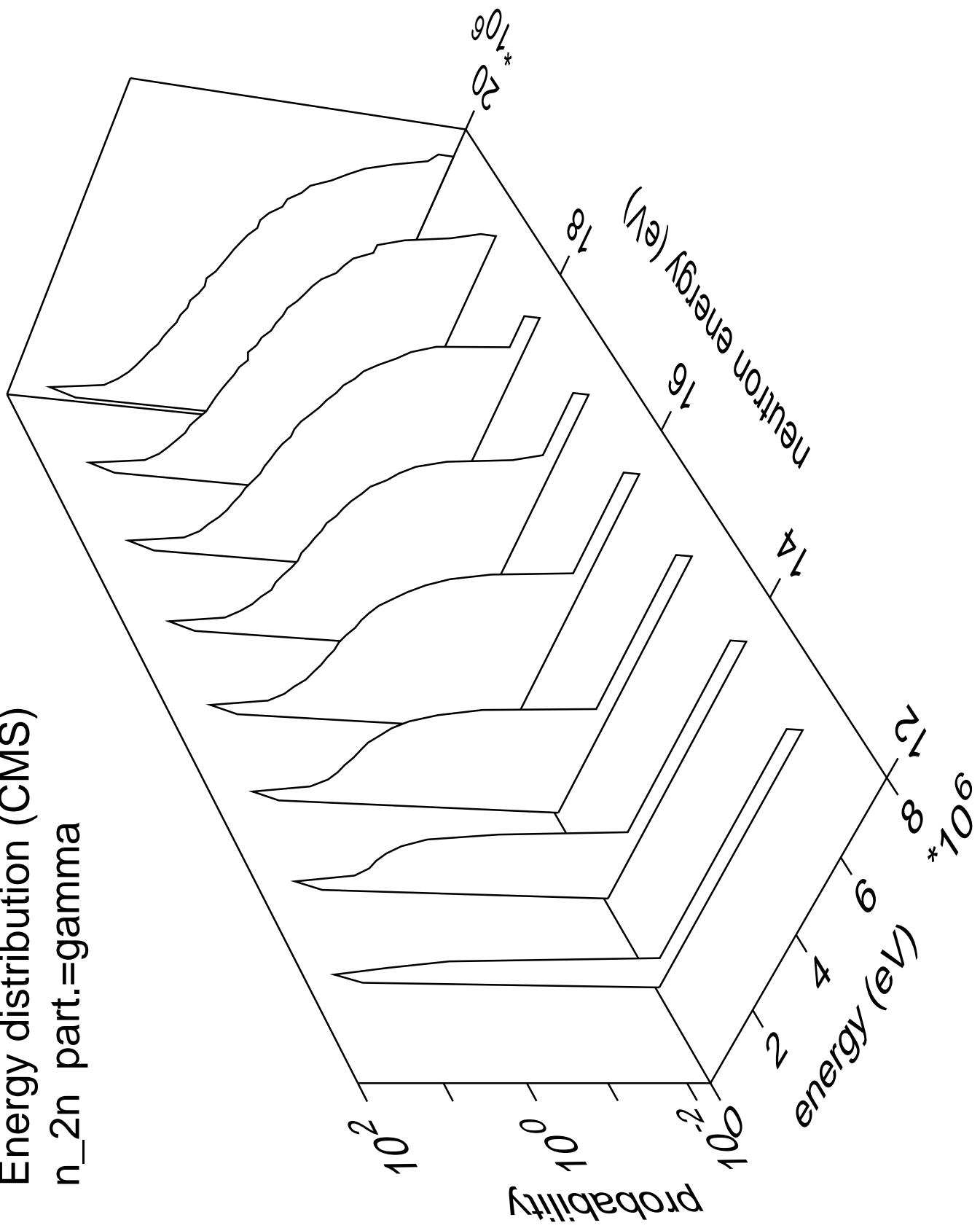
Angular distribution (CMS)  
 $n_a$  cont part.=gamma

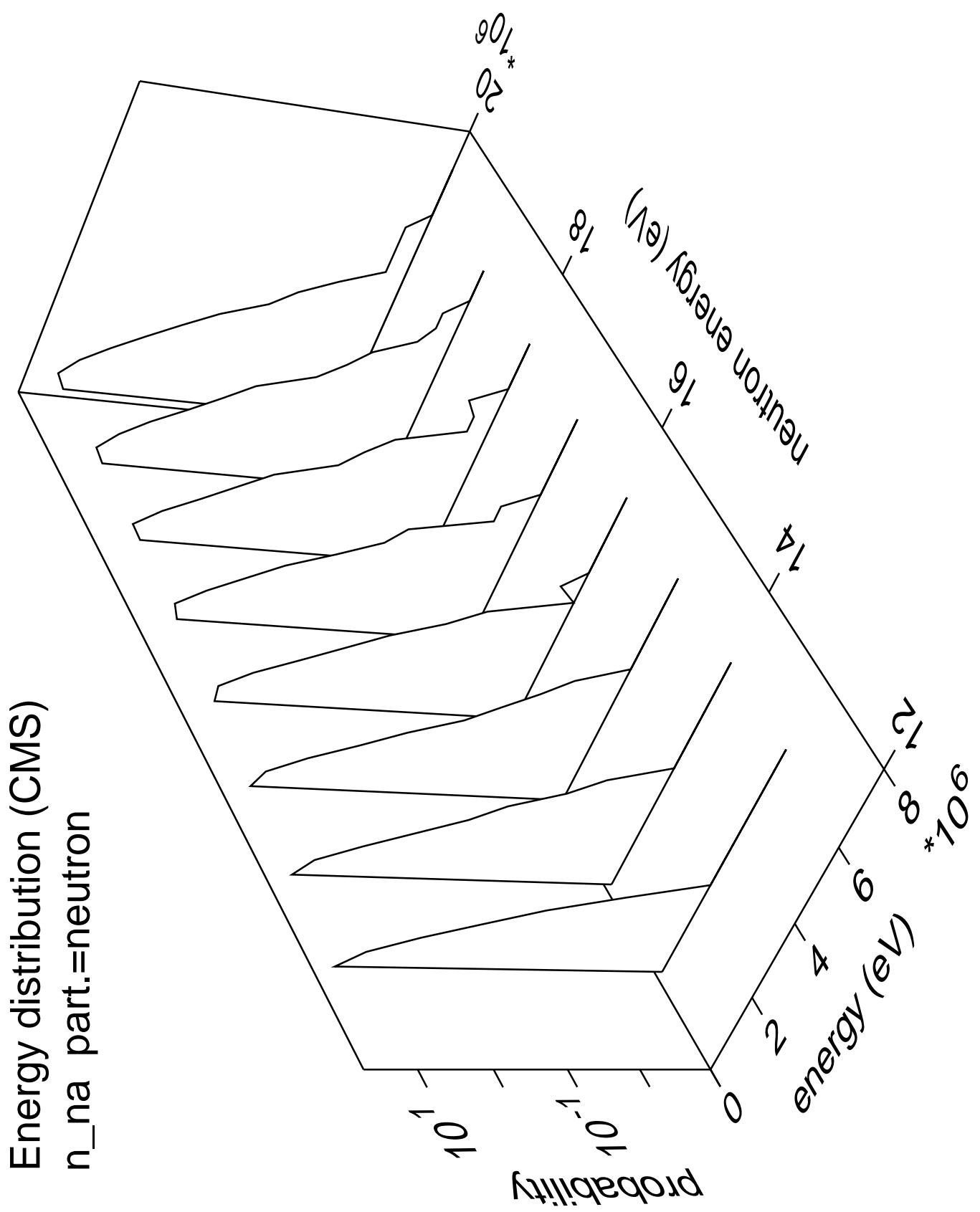


Energy distribution (CMS)  
 $n_{2n}$  part.=neutron

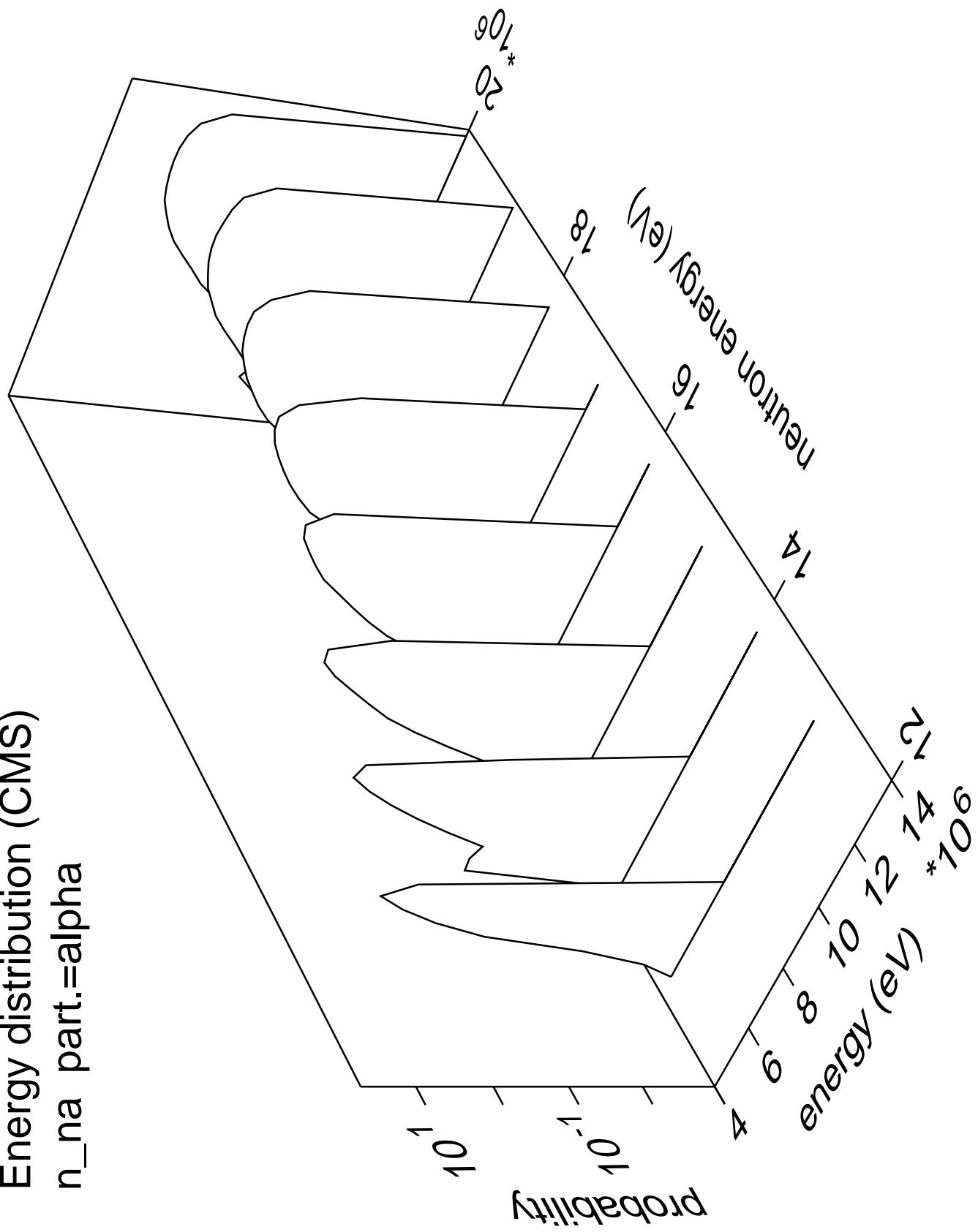


Energy distribution (CMS)  
 $n_{2n}$  part.=gamma

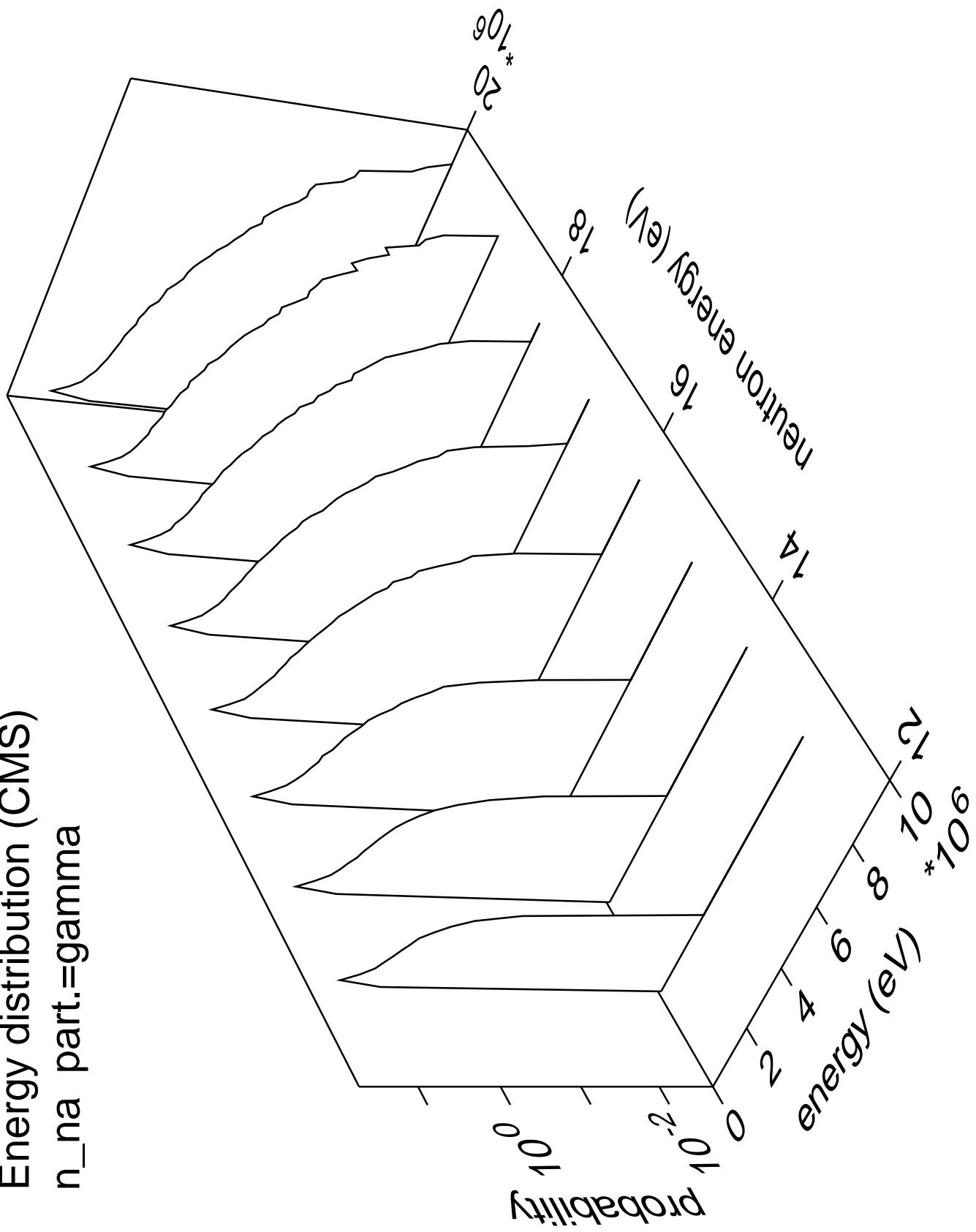




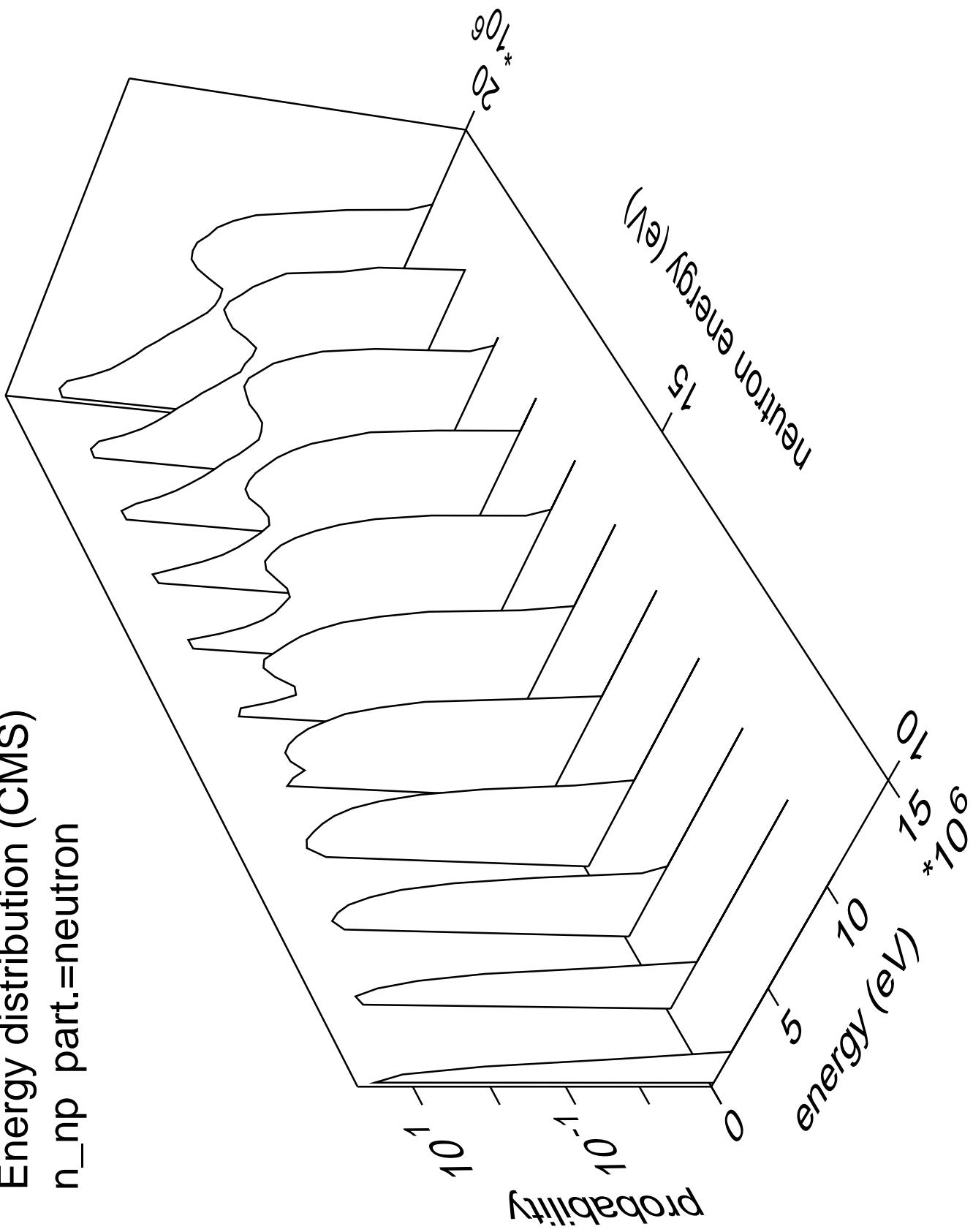
Energy distribution (CMS)  
 $n_{na}$  part.=alpha



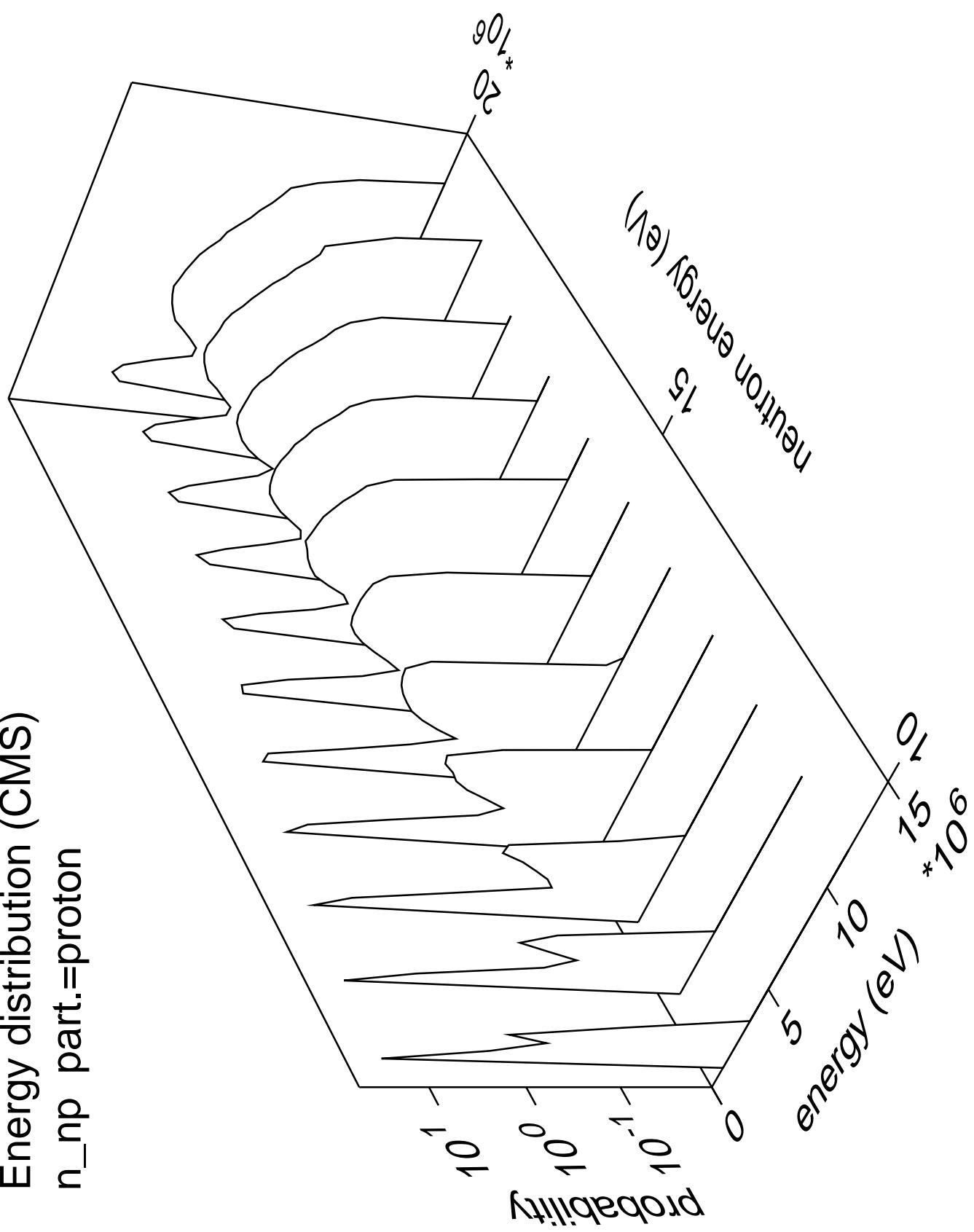
Energy distribution (CMS)  
 $n_{\text{na}}$  part.=gamma



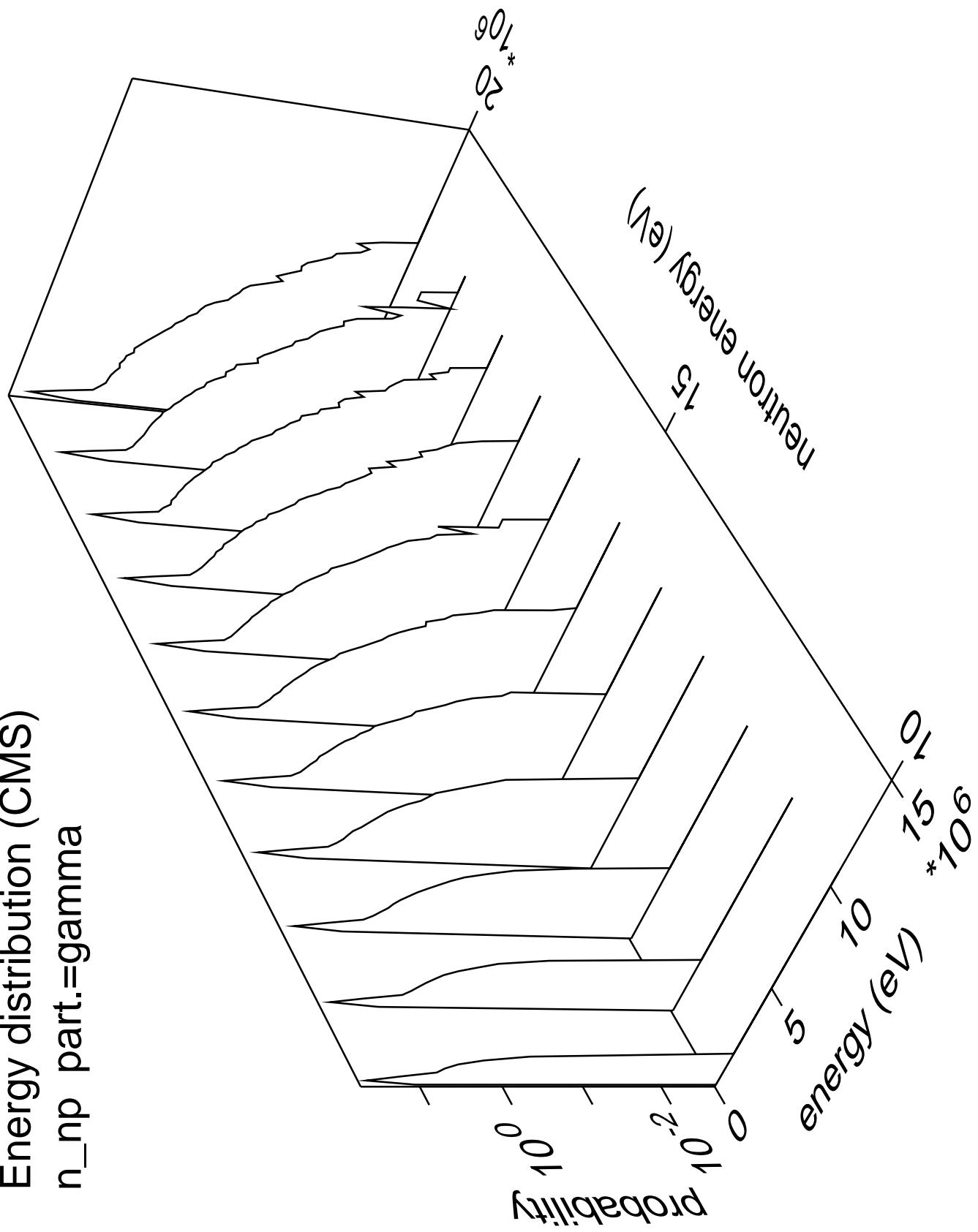
Energy distribution (CMS)  
 $n_{np}$  part.=neutron



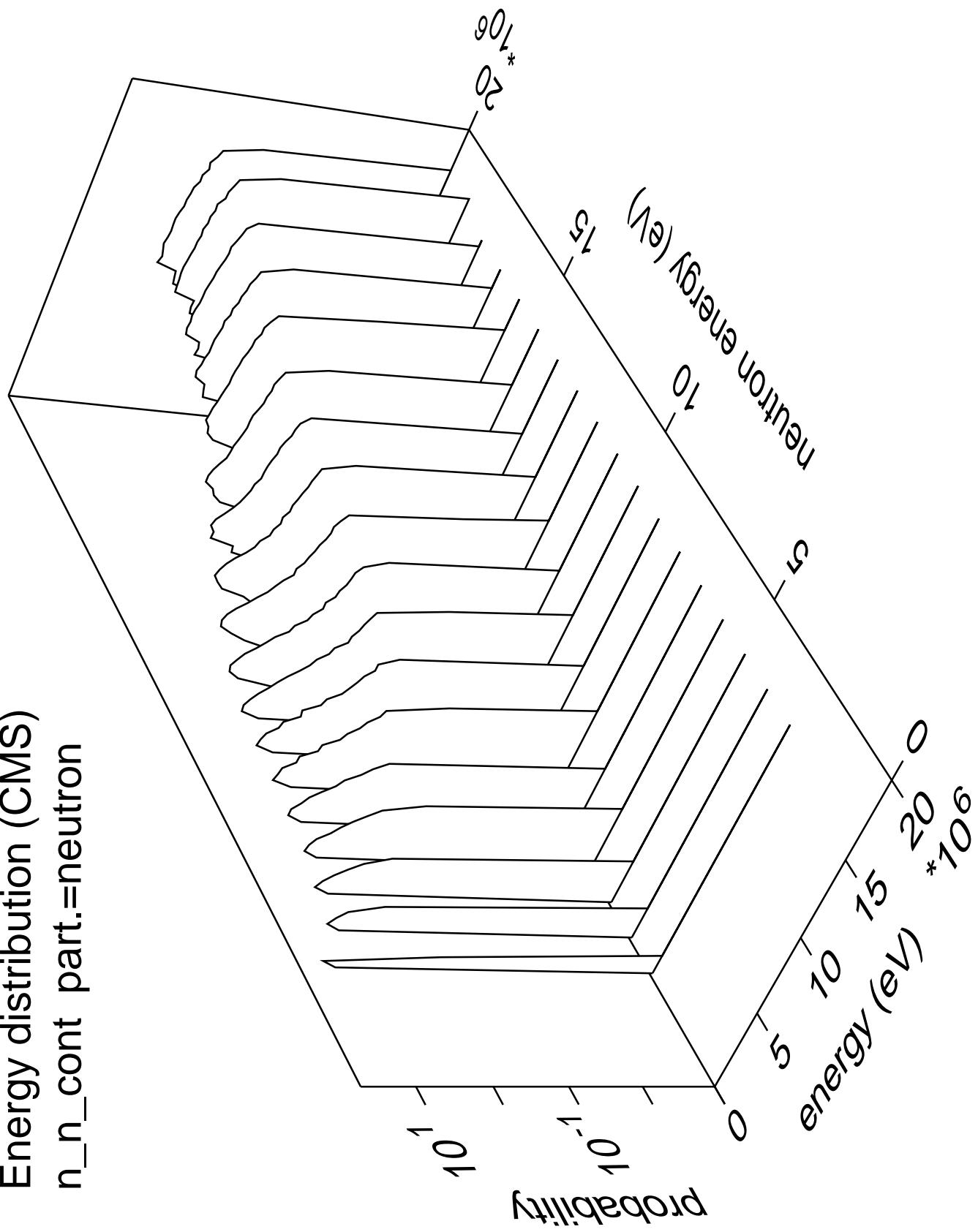
Energy distribution (CMS)  
 $n_{np}$  part.=proton



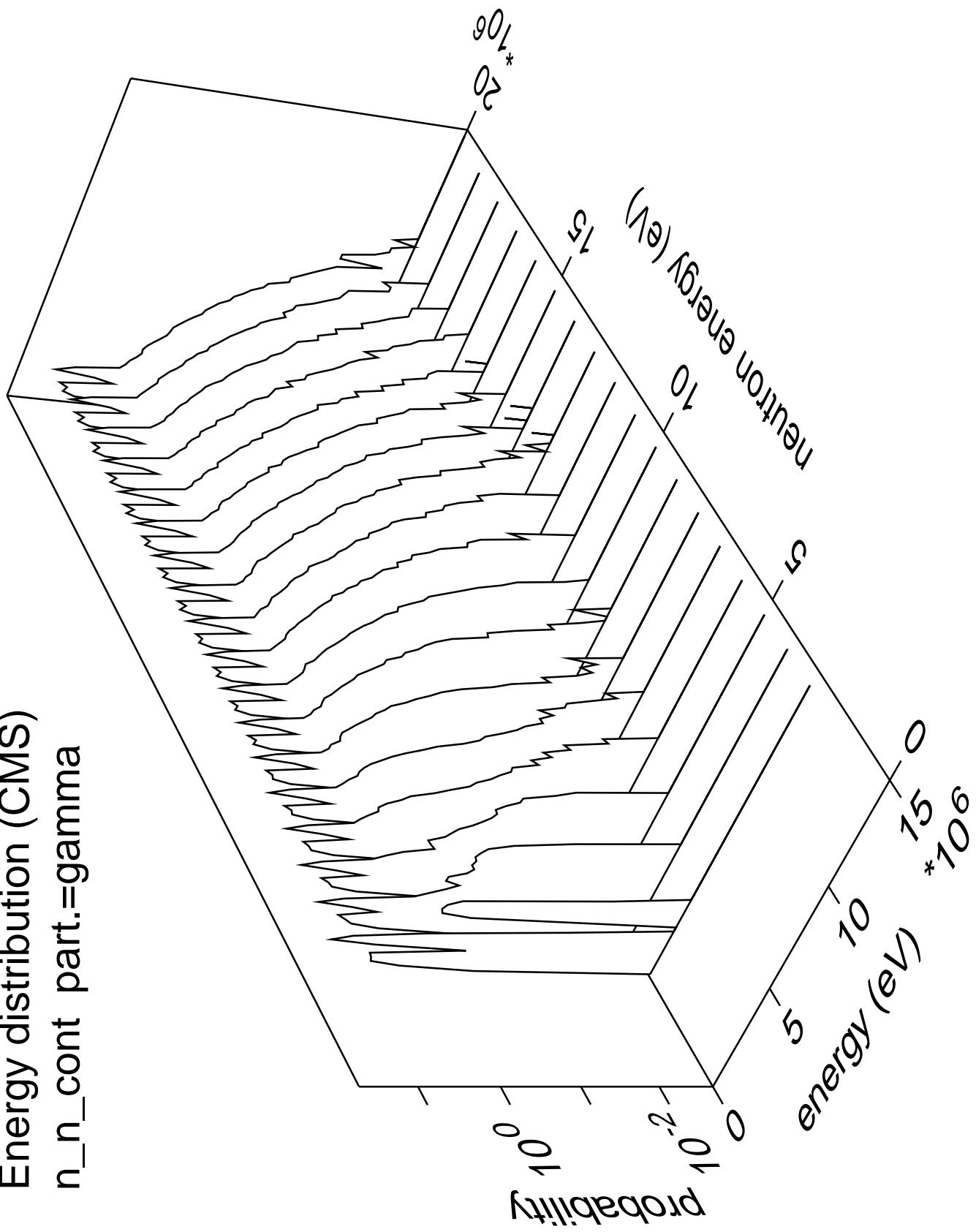
Energy distribution (CMS)  
 $n_{np}$  part.=gamma



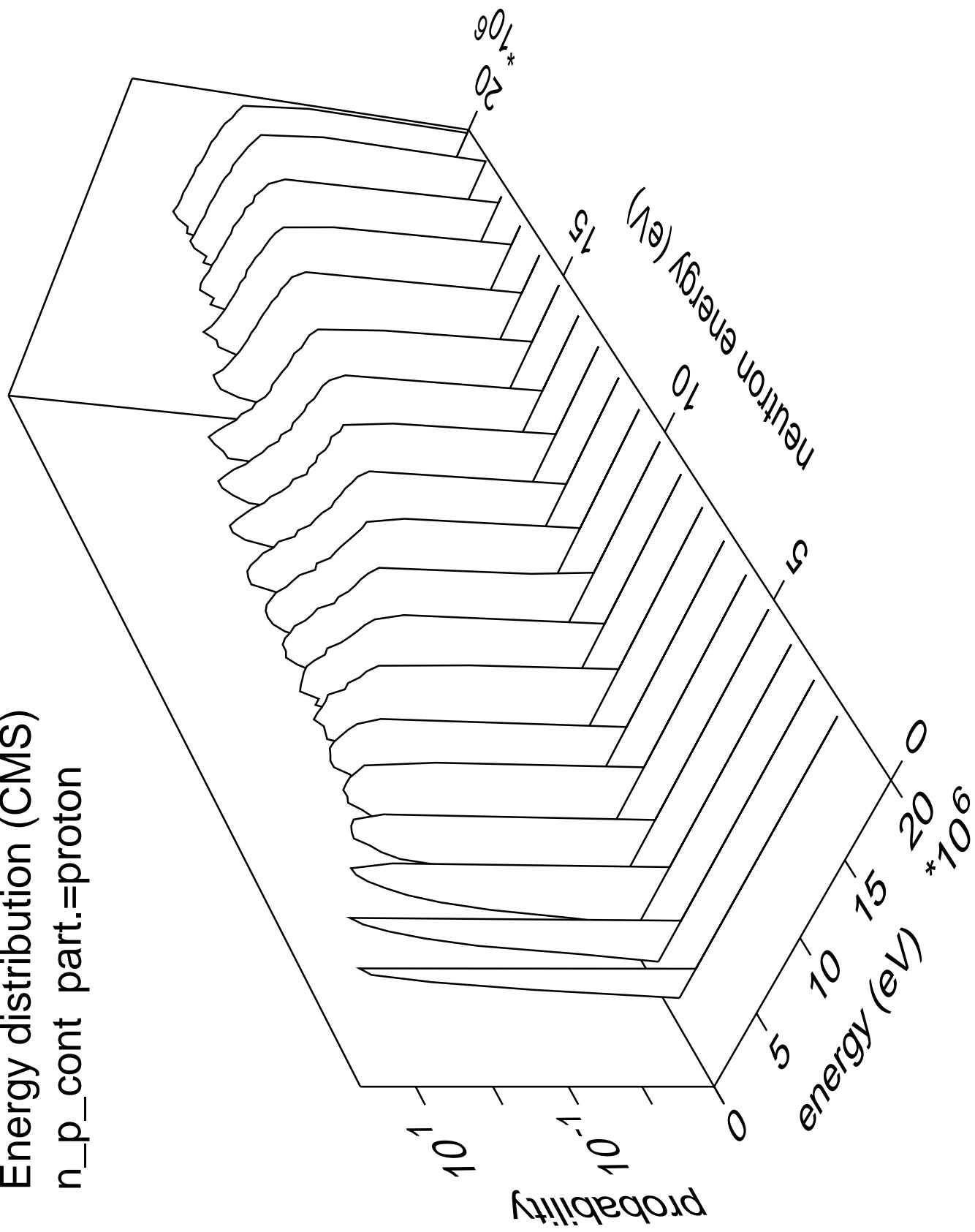
Energy distribution (CMS)  
 $n_n_{cont}$  part.=neutron



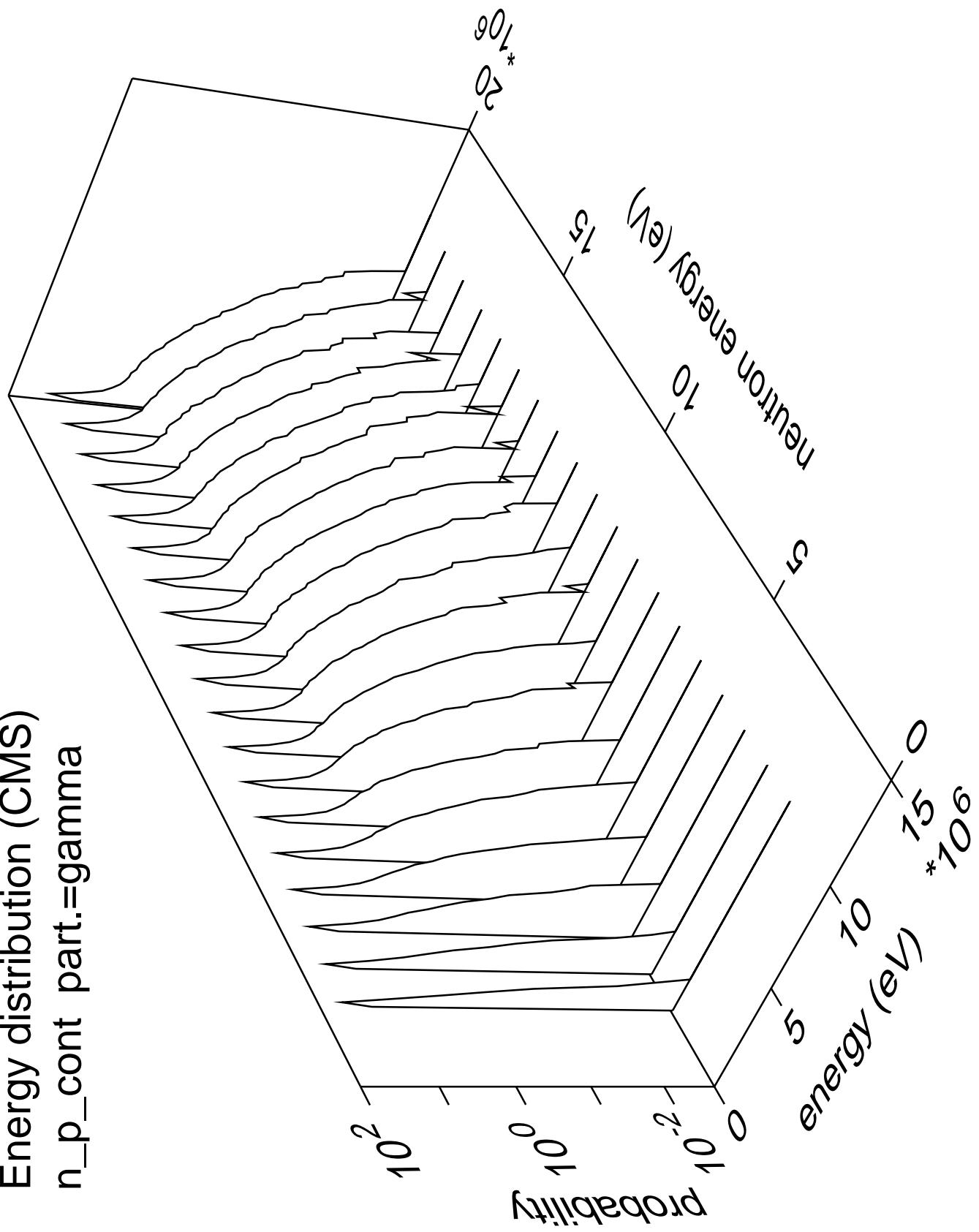
Energy distribution (CMS)  
n\_n\_cont part.=gamma



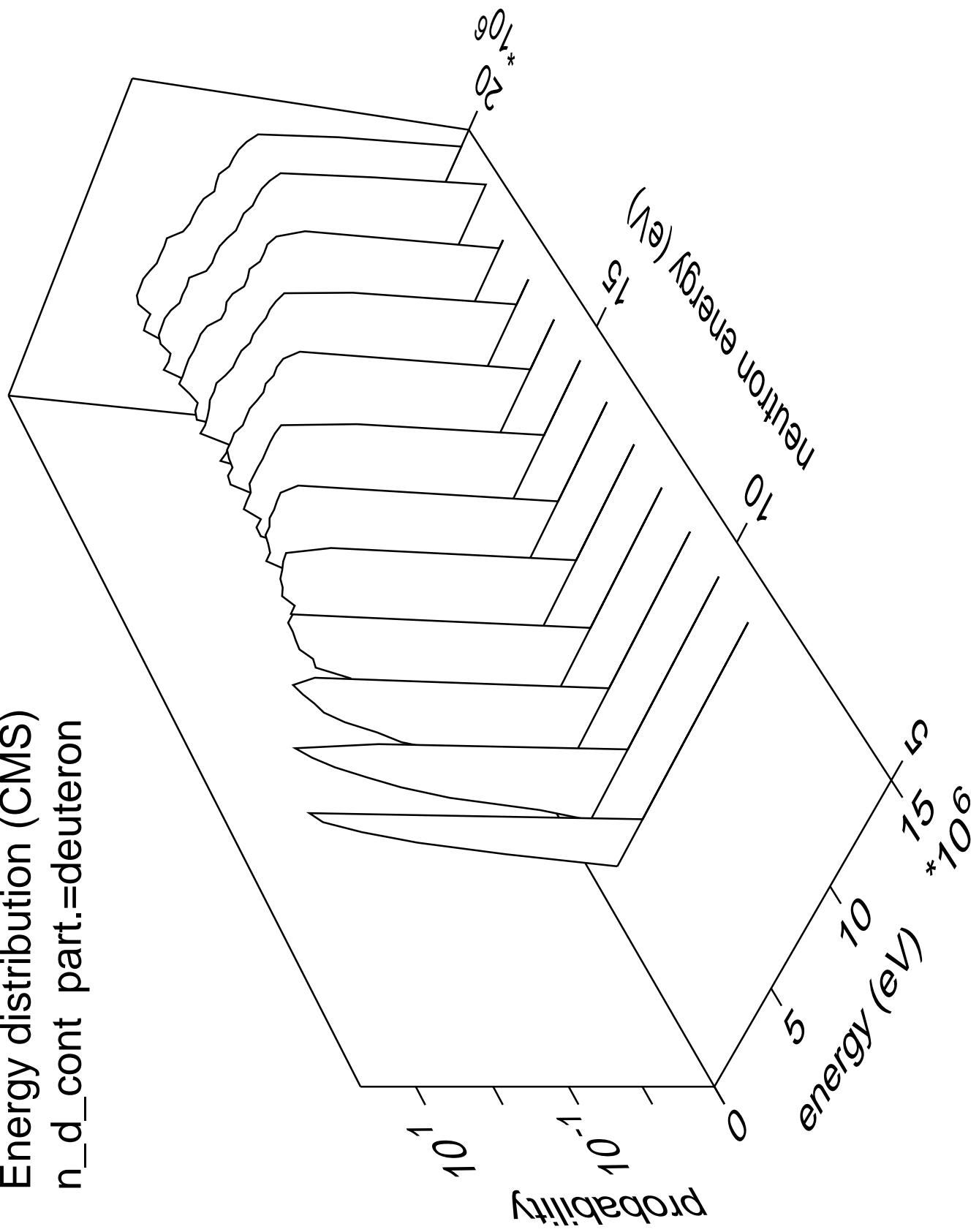
Energy distribution (CMS)  
 $n_p_{\text{cont}}$  part.=proton



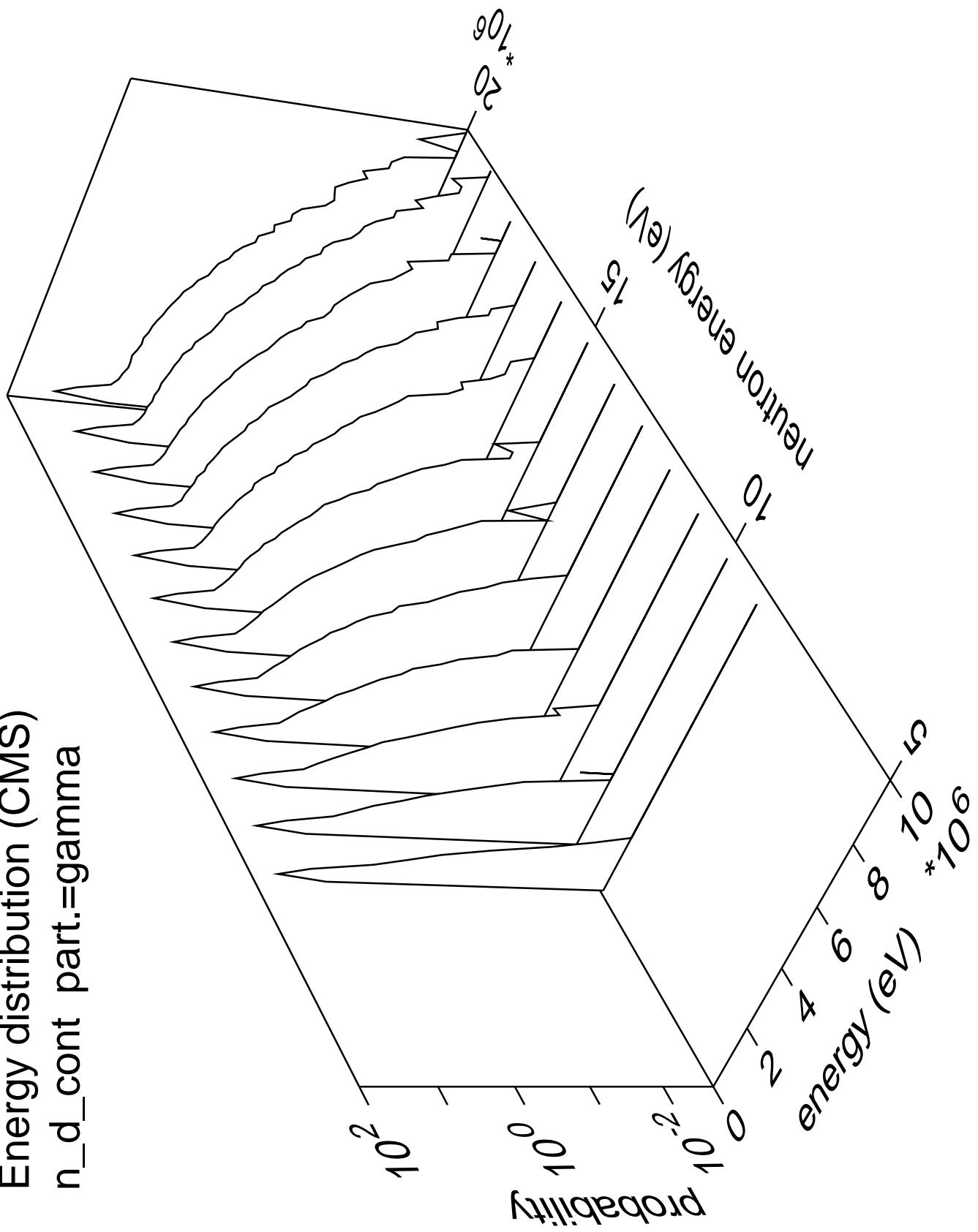
Energy distribution (CMS)  
 $n_p_{\text{cont}}$  part.=gamma



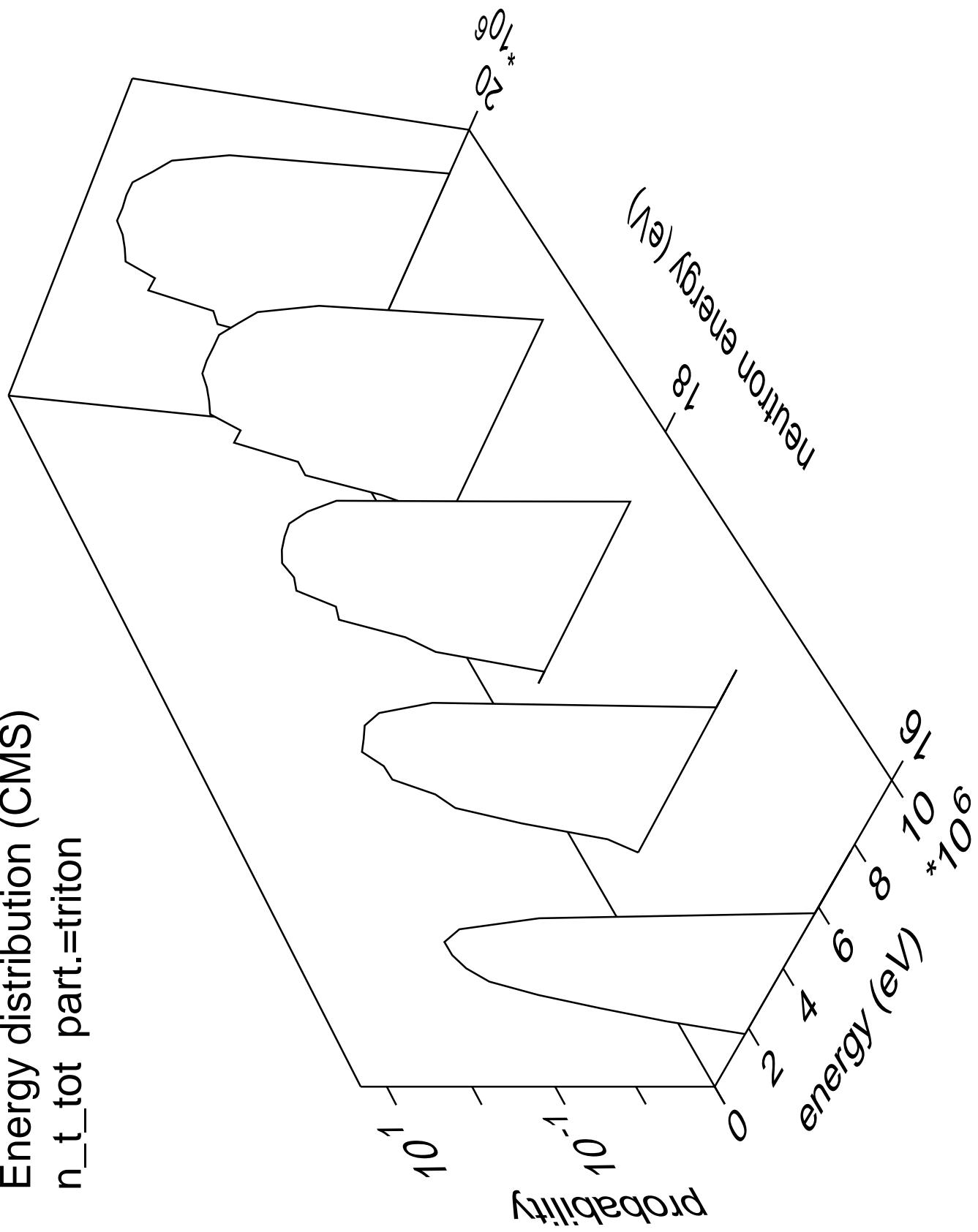
Energy distribution (CMS)  
 $n_d$  cont part.=deuteron

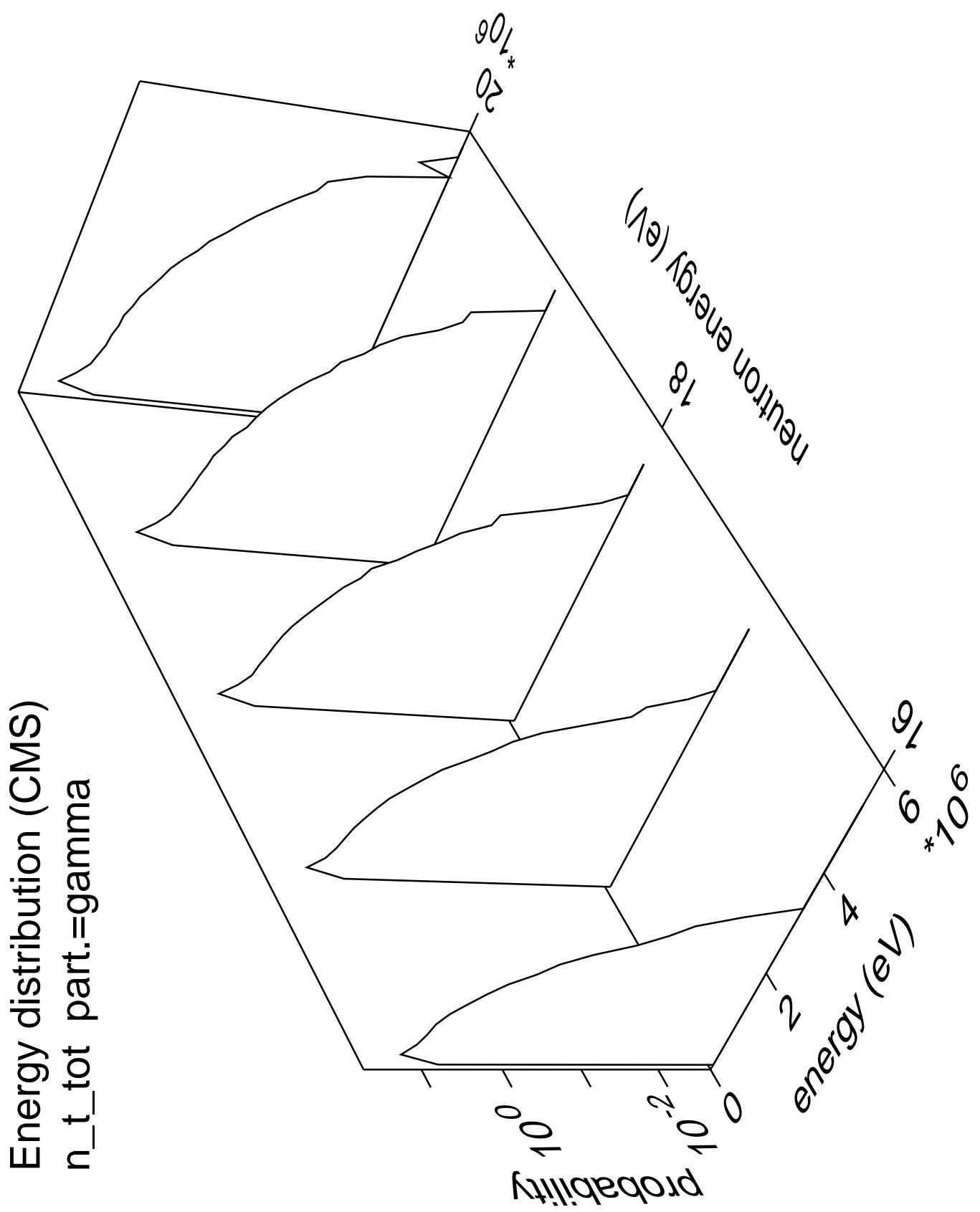


Energy distribution (CMS)  
n\_d\_cont part.=gamma

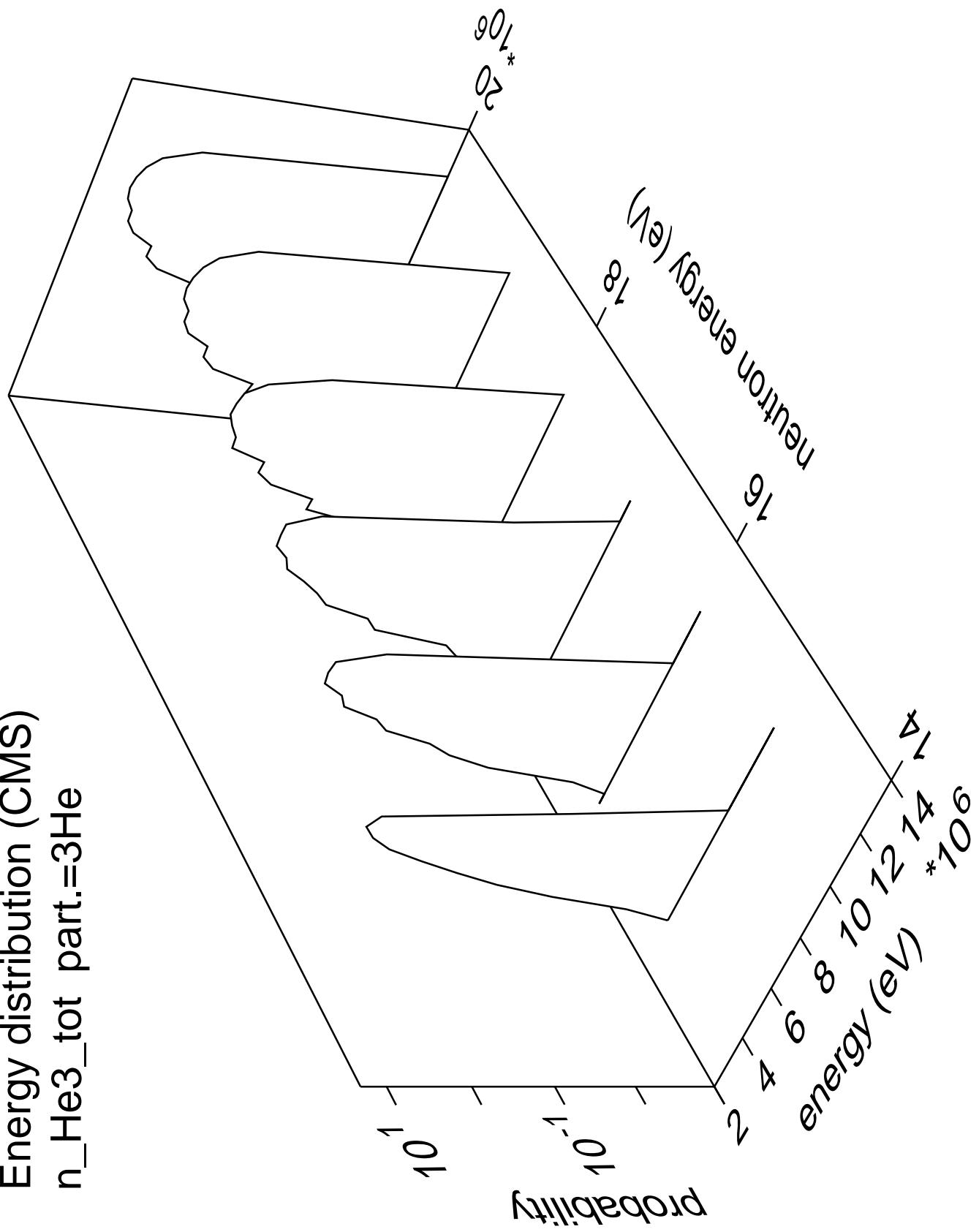


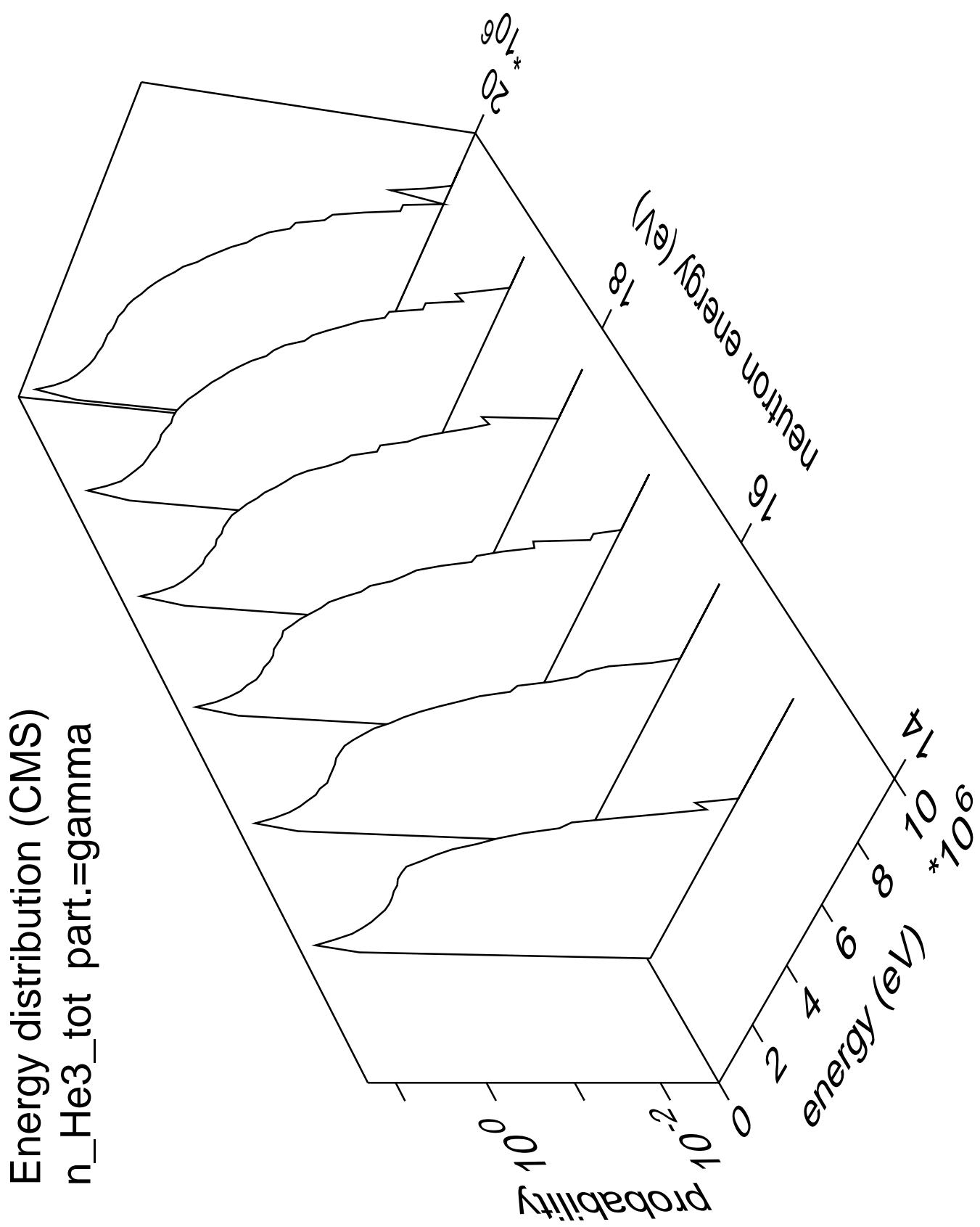
Energy distribution (CMS)  
 $n_t$  tot part.=triton



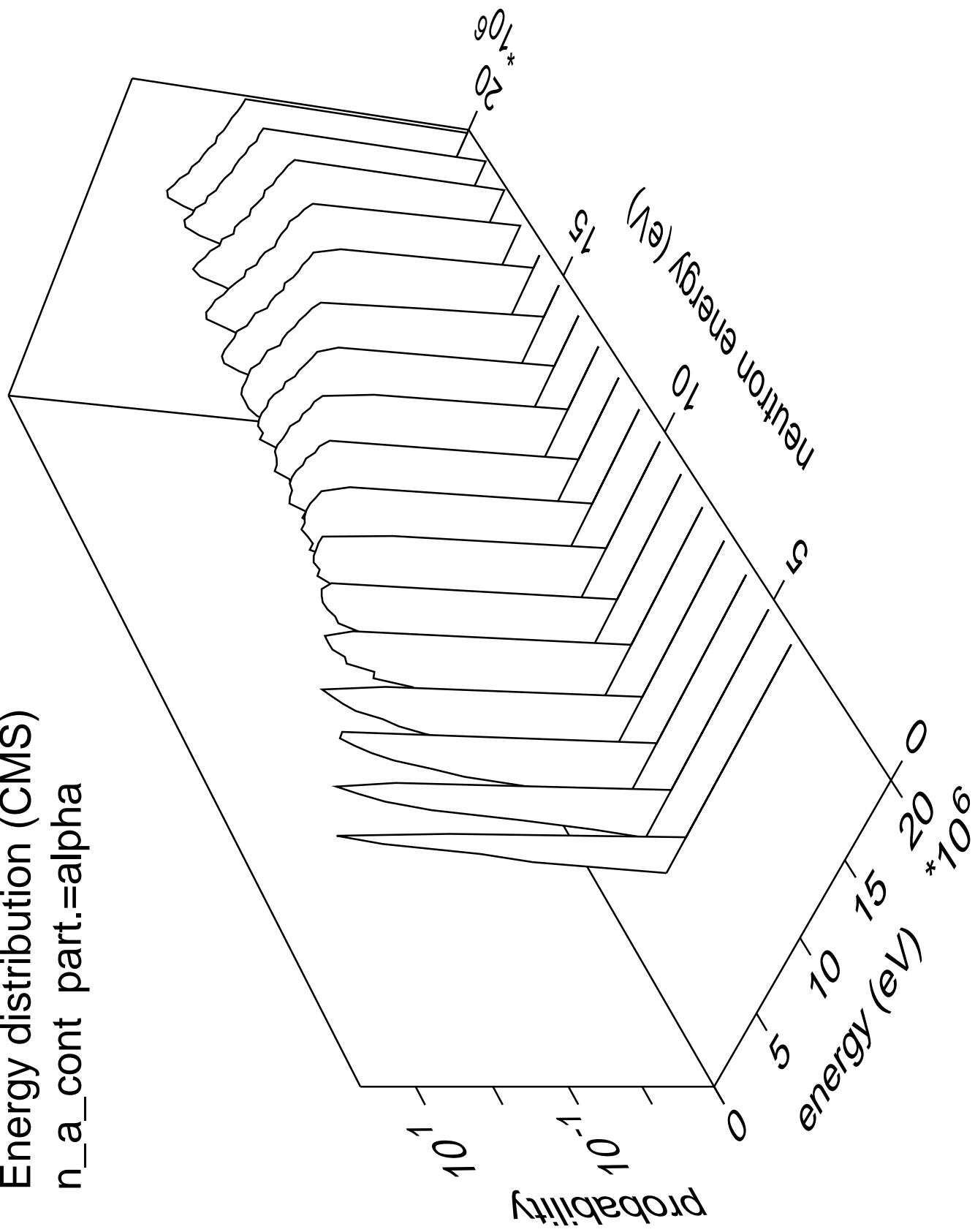


Energy distribution (CMS)  
 $n_{\text{He3\_tot}}$  part.= $3\text{He}$

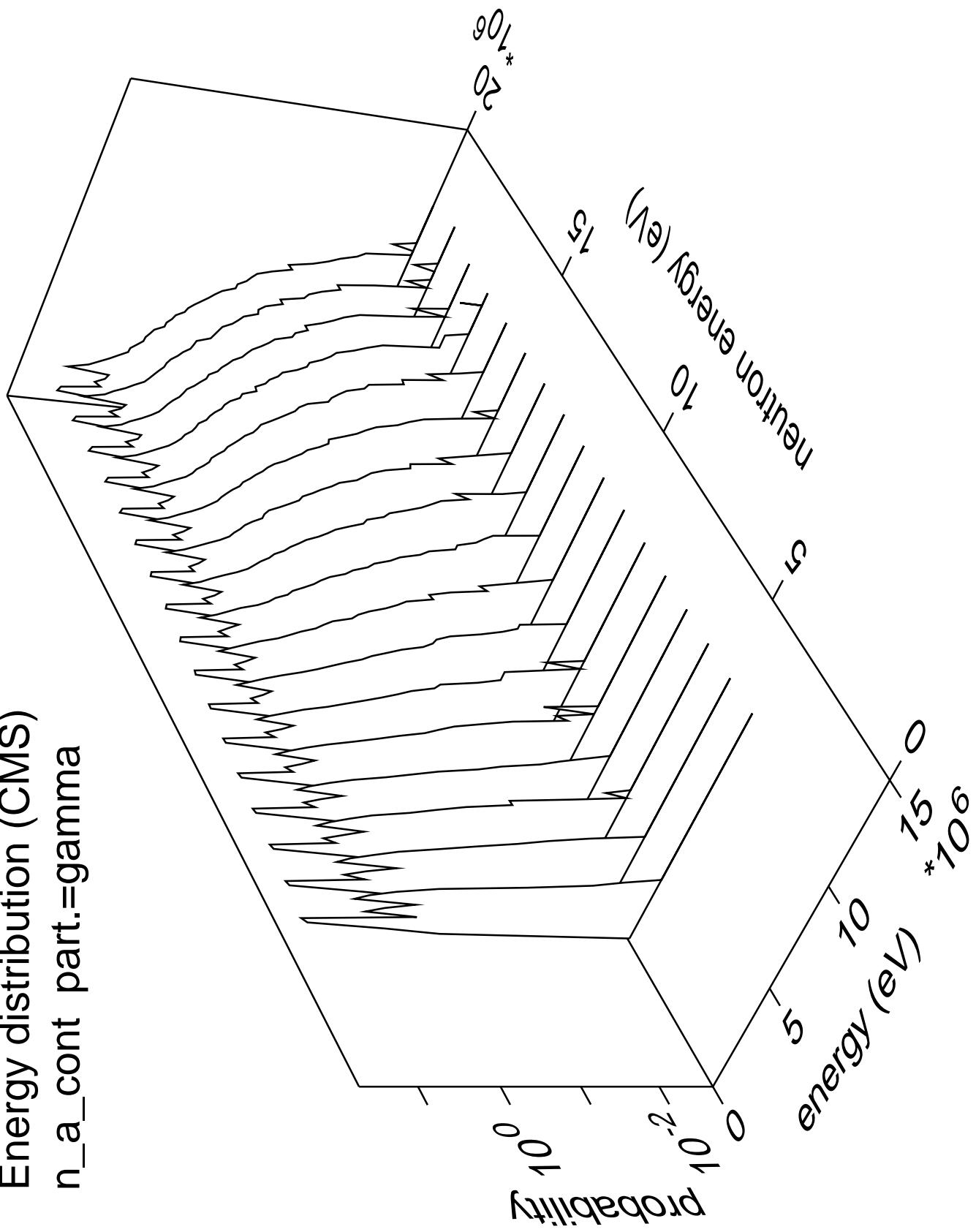




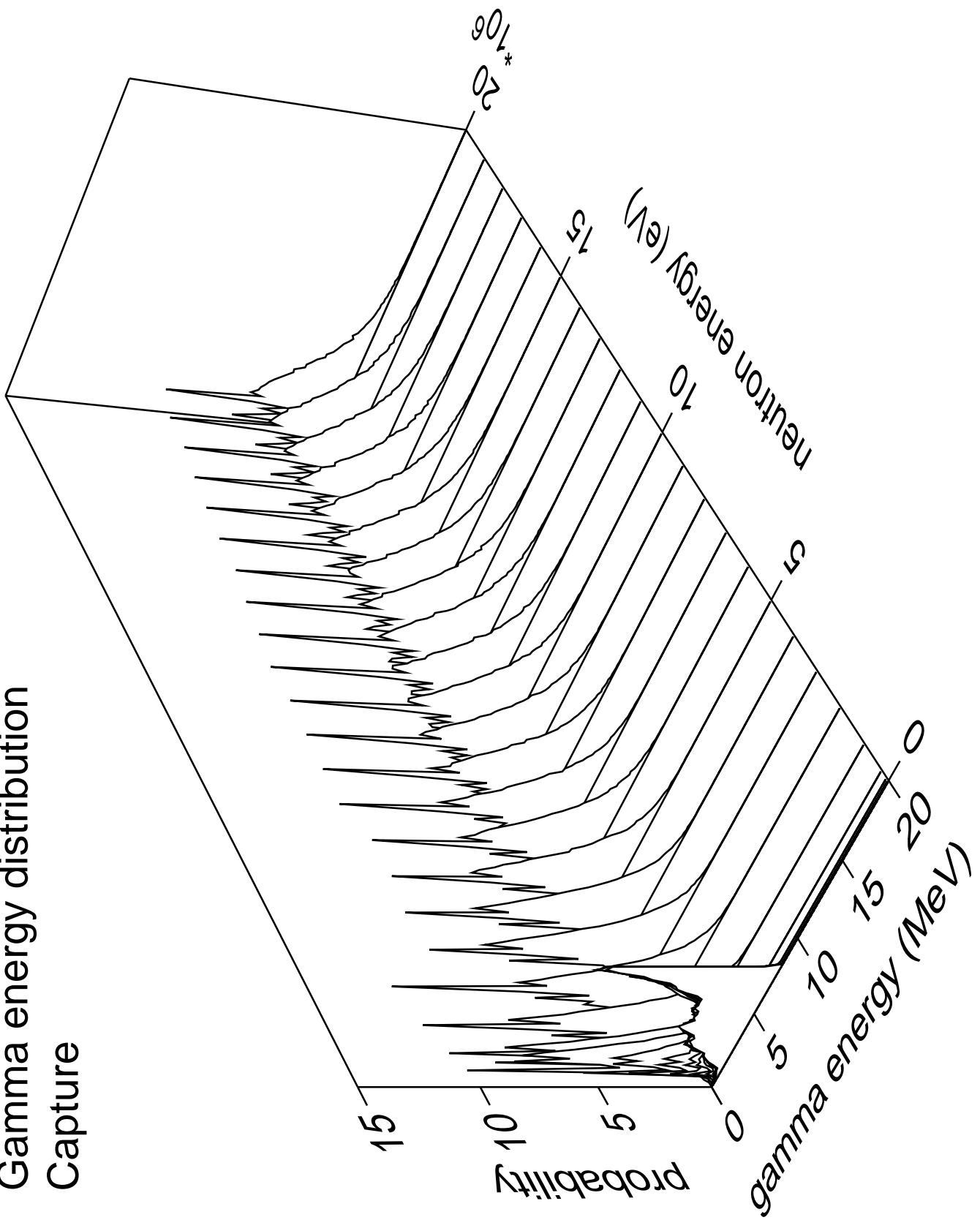
Energy distribution (CMS)  
n\_a\_cont part.=alpha



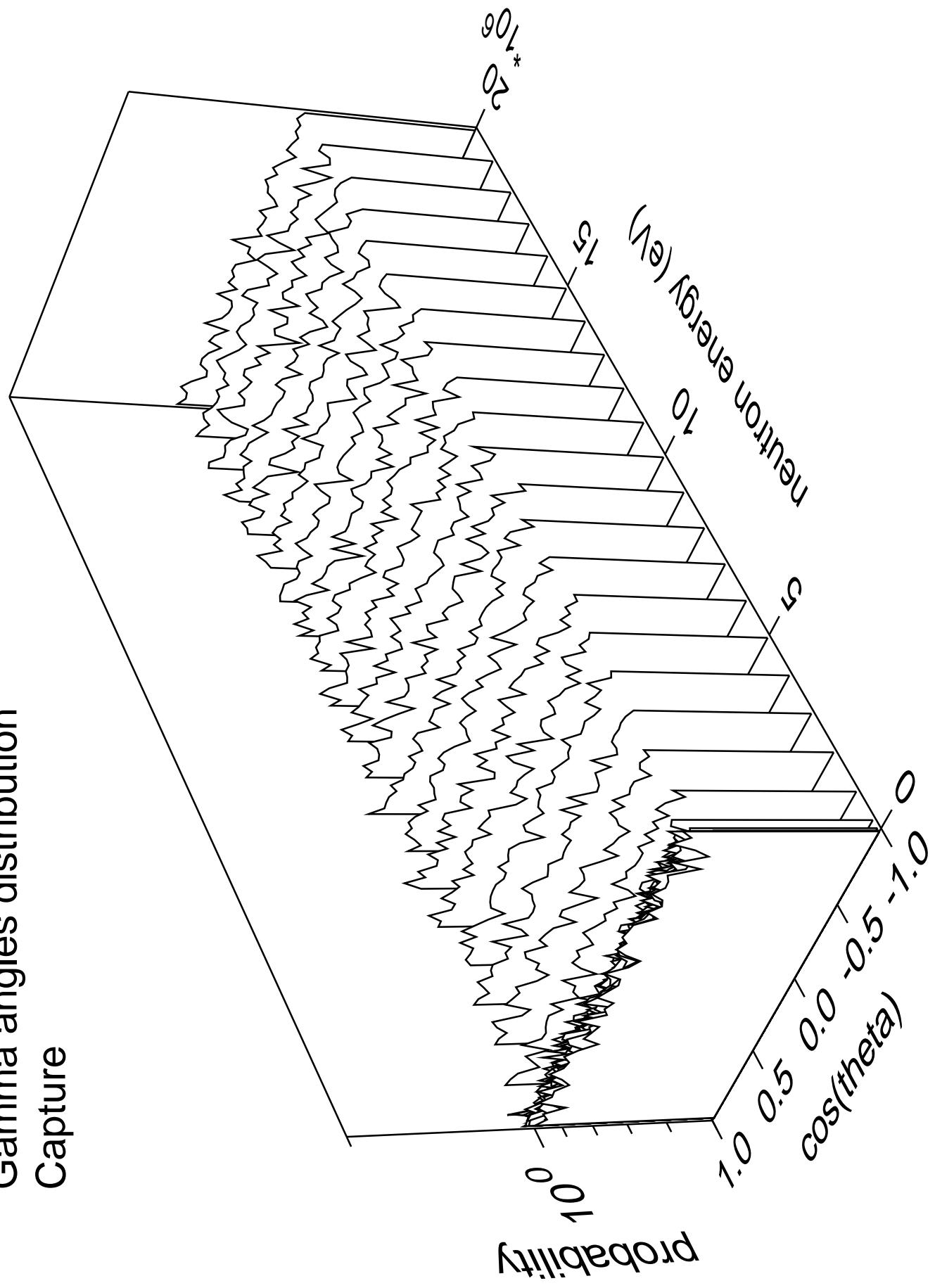
Energy distribution (CMS)  
n\_a\_cont part.=gamma



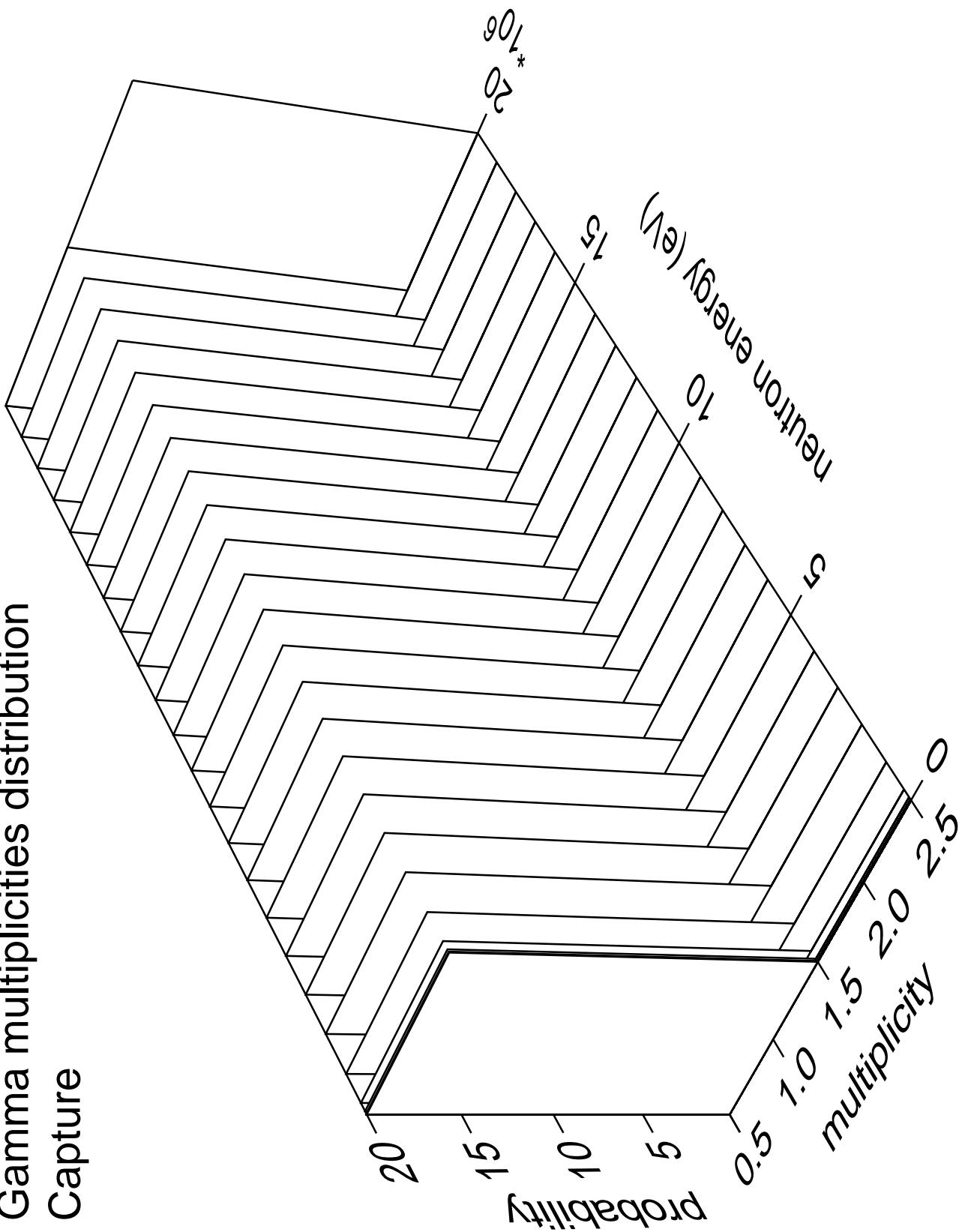
# Gamma energy distribution Capture

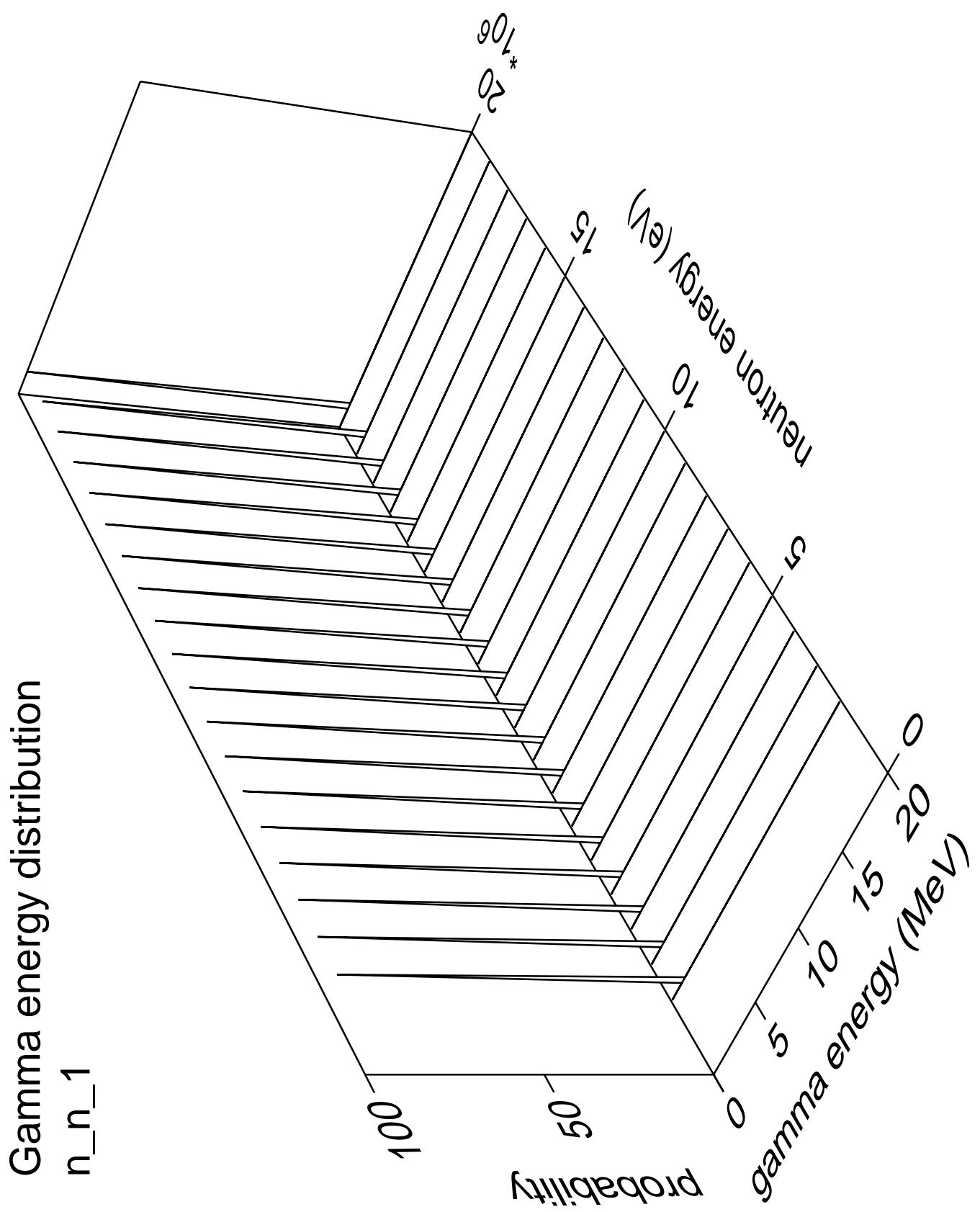


# Gamma angles distribution Capture



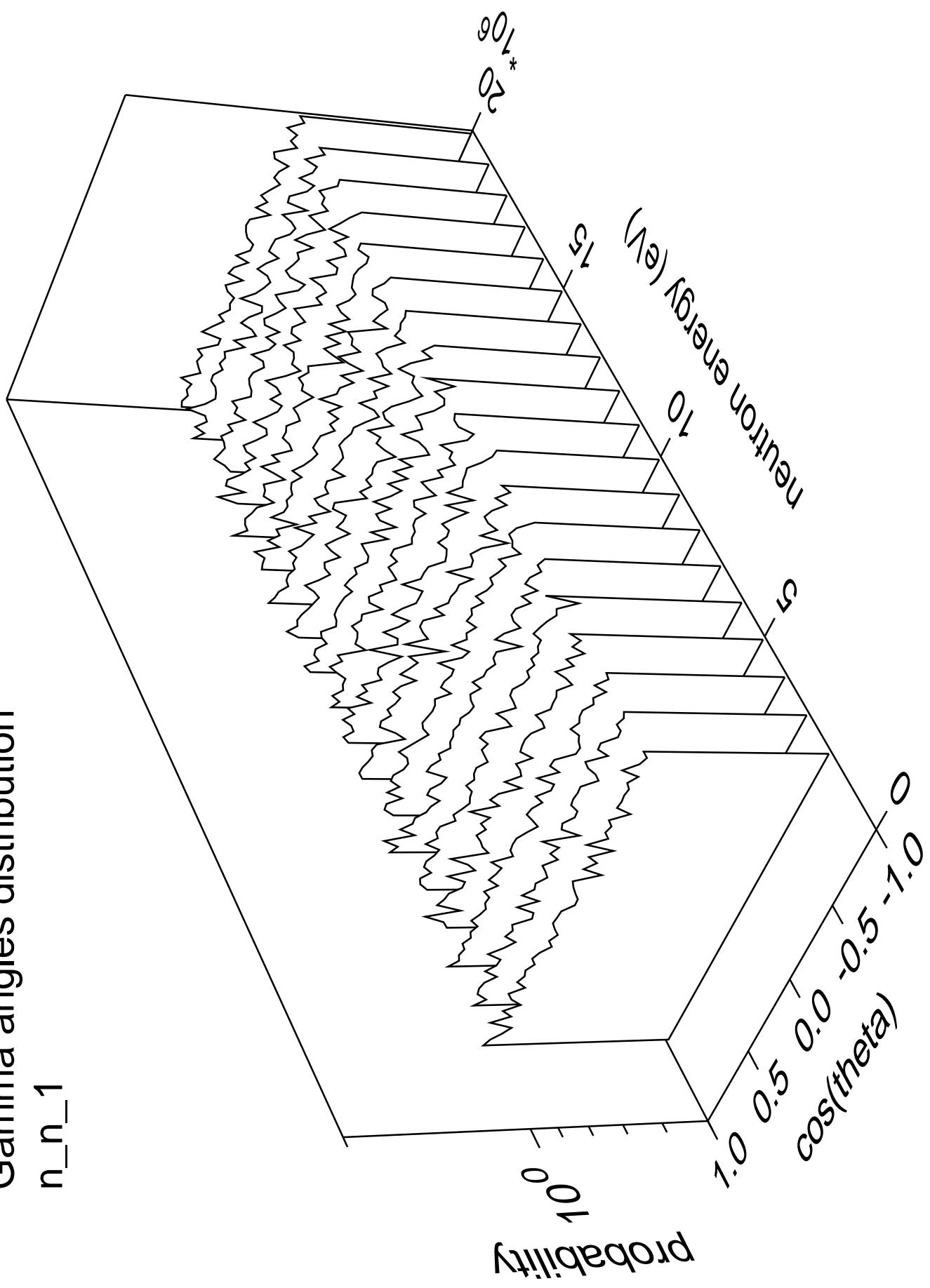
# Gamma multiplicities distribution Capture

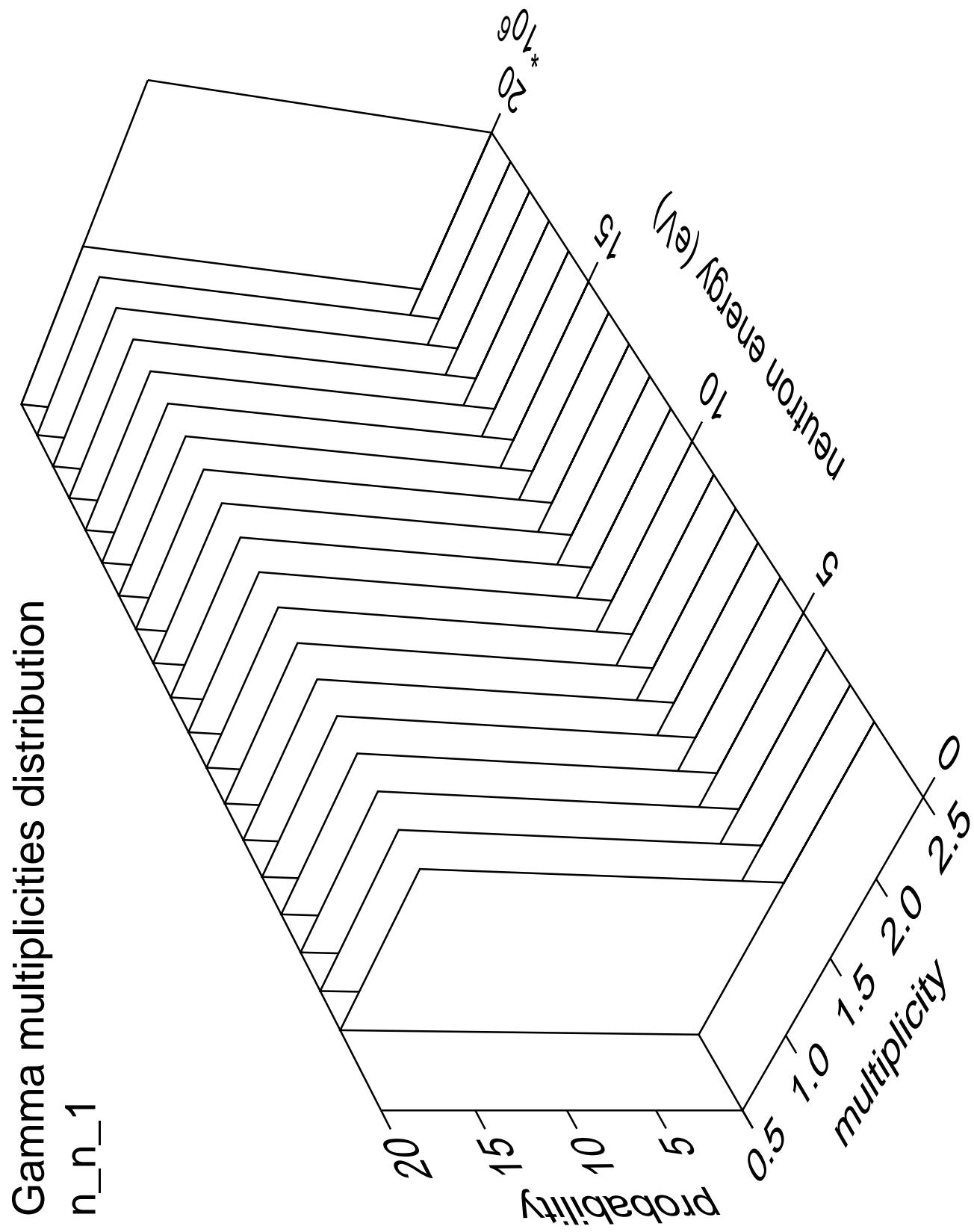


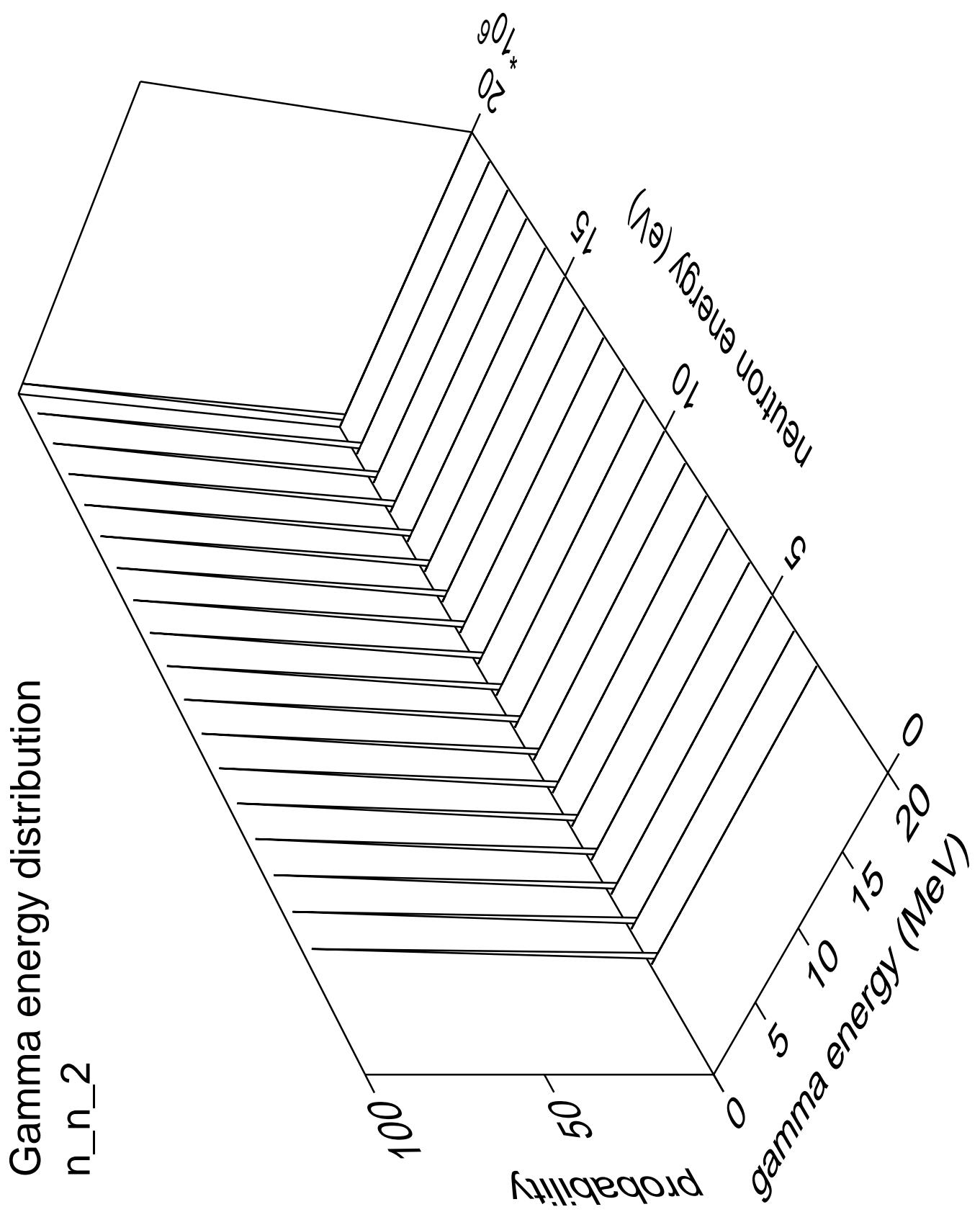


Gamma angles distribution

$n_{n_1}$

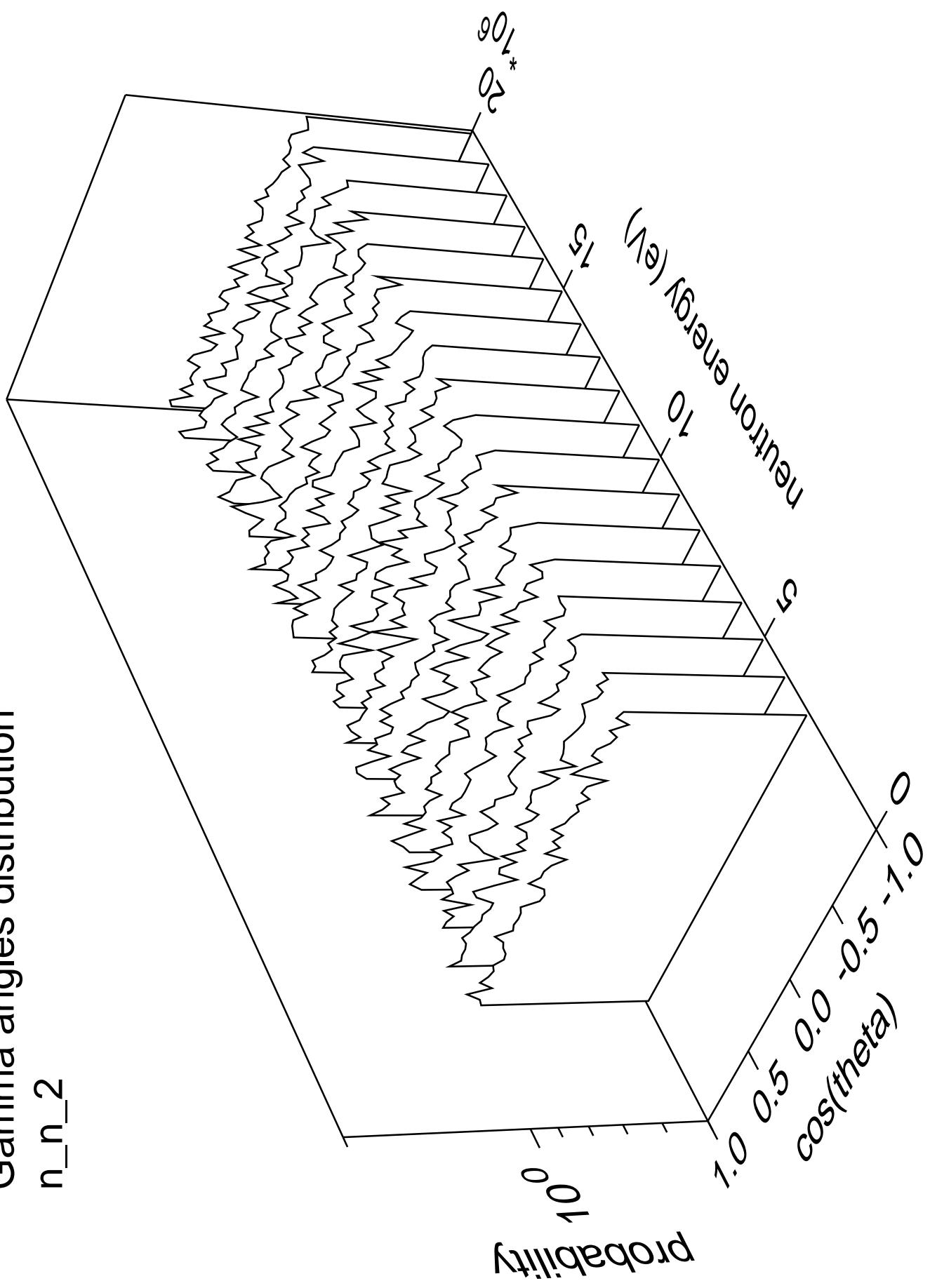


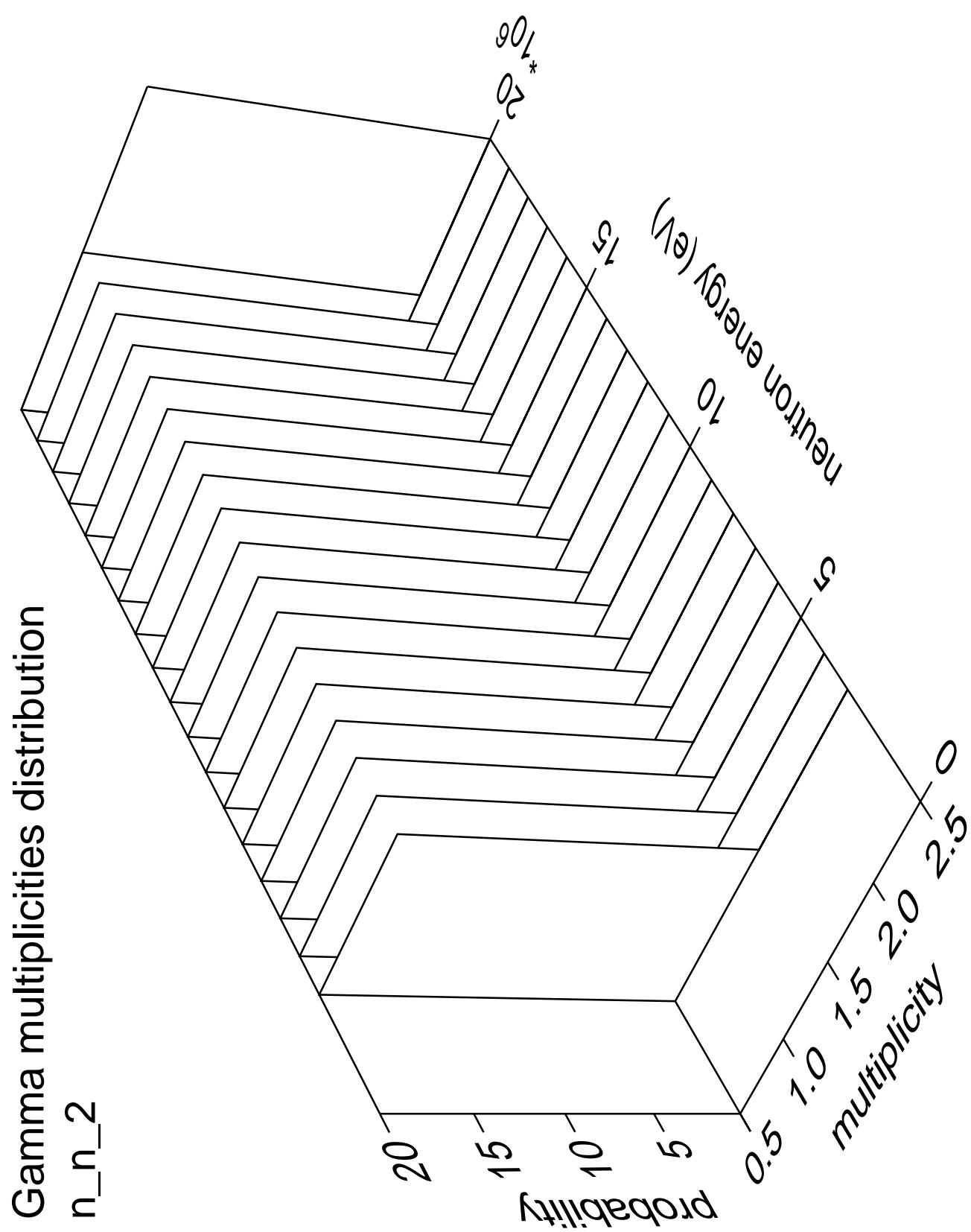




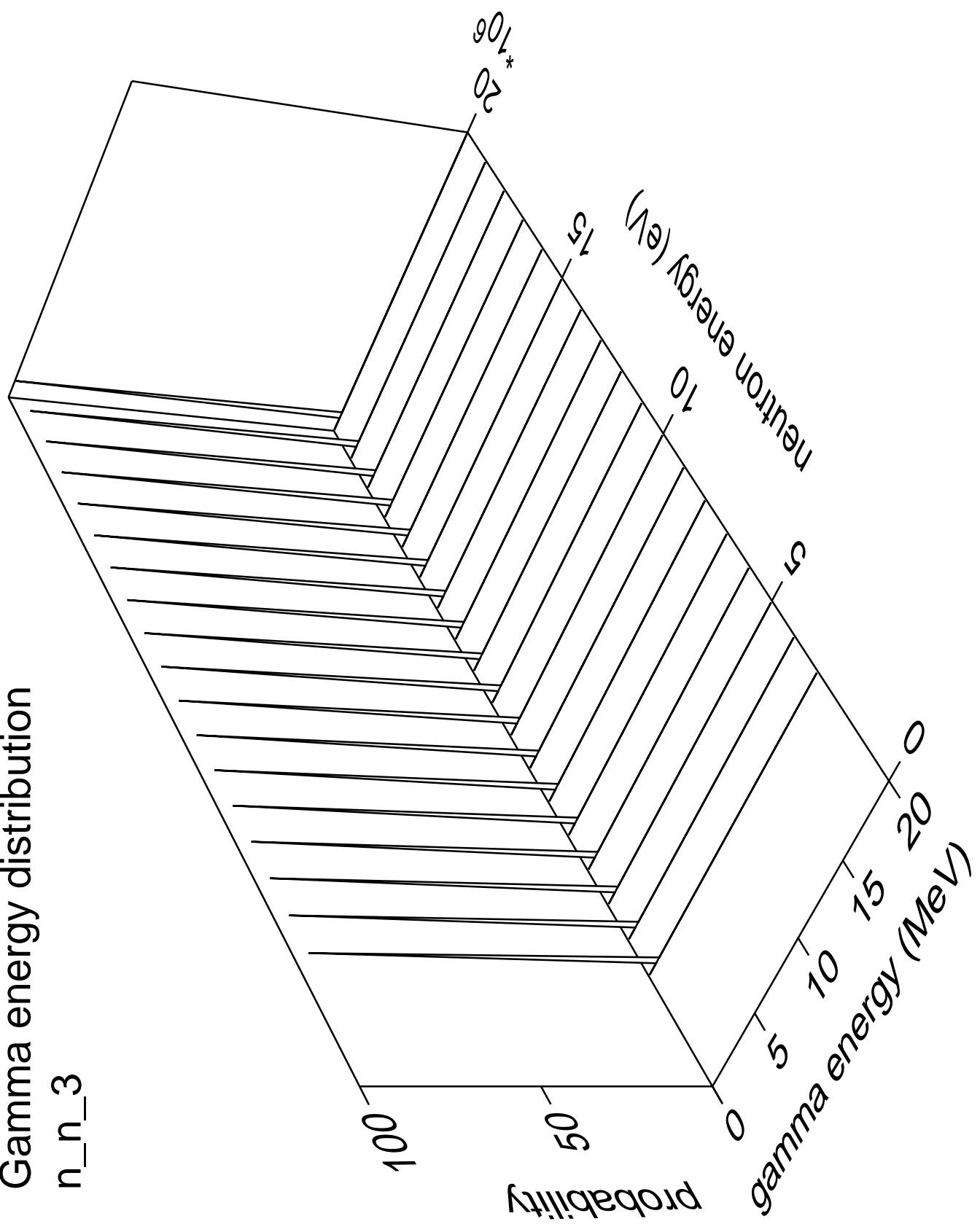
Gamma angles distribution

$n_{n\_2}$



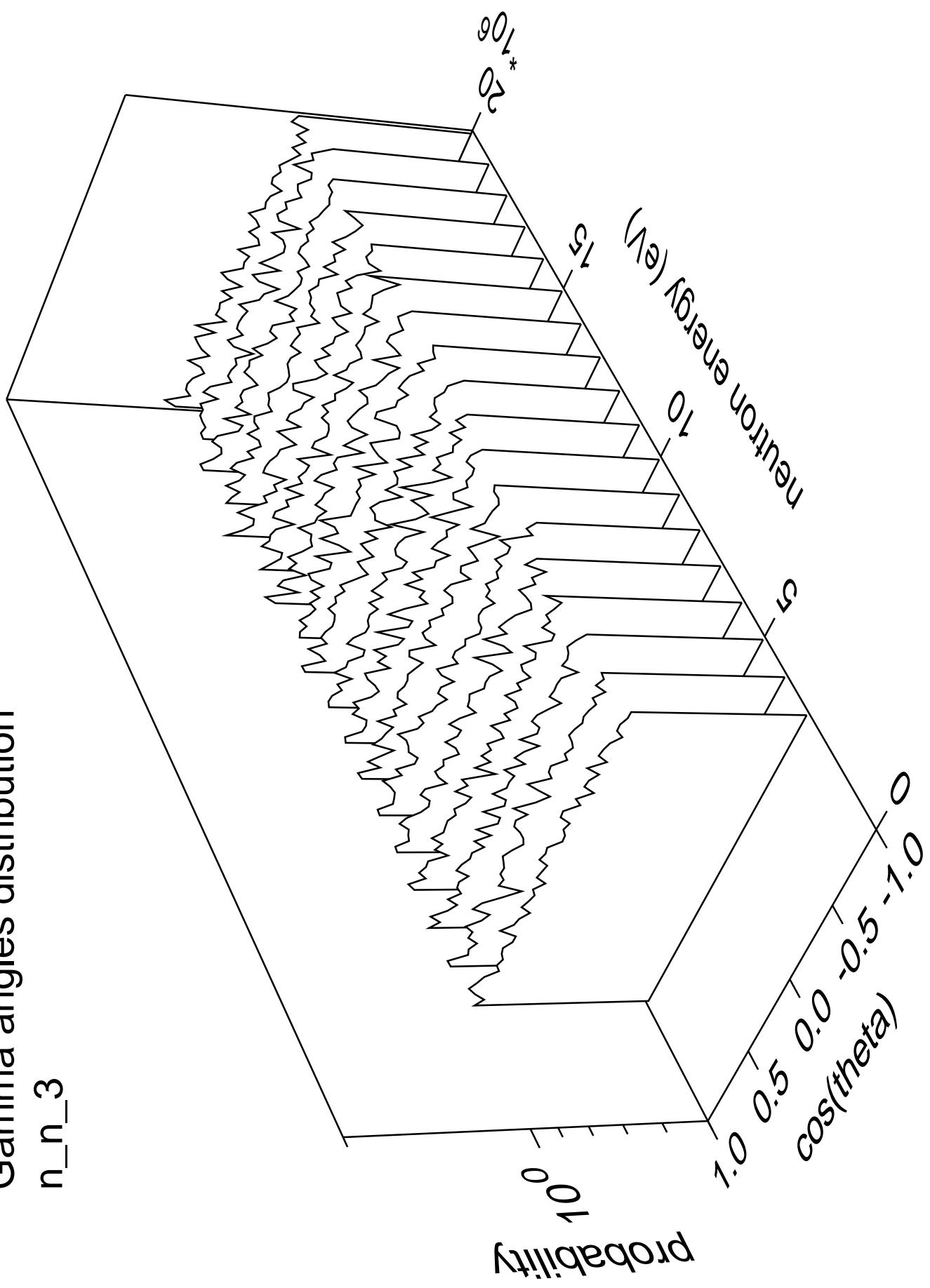


### Gamma energy distribution

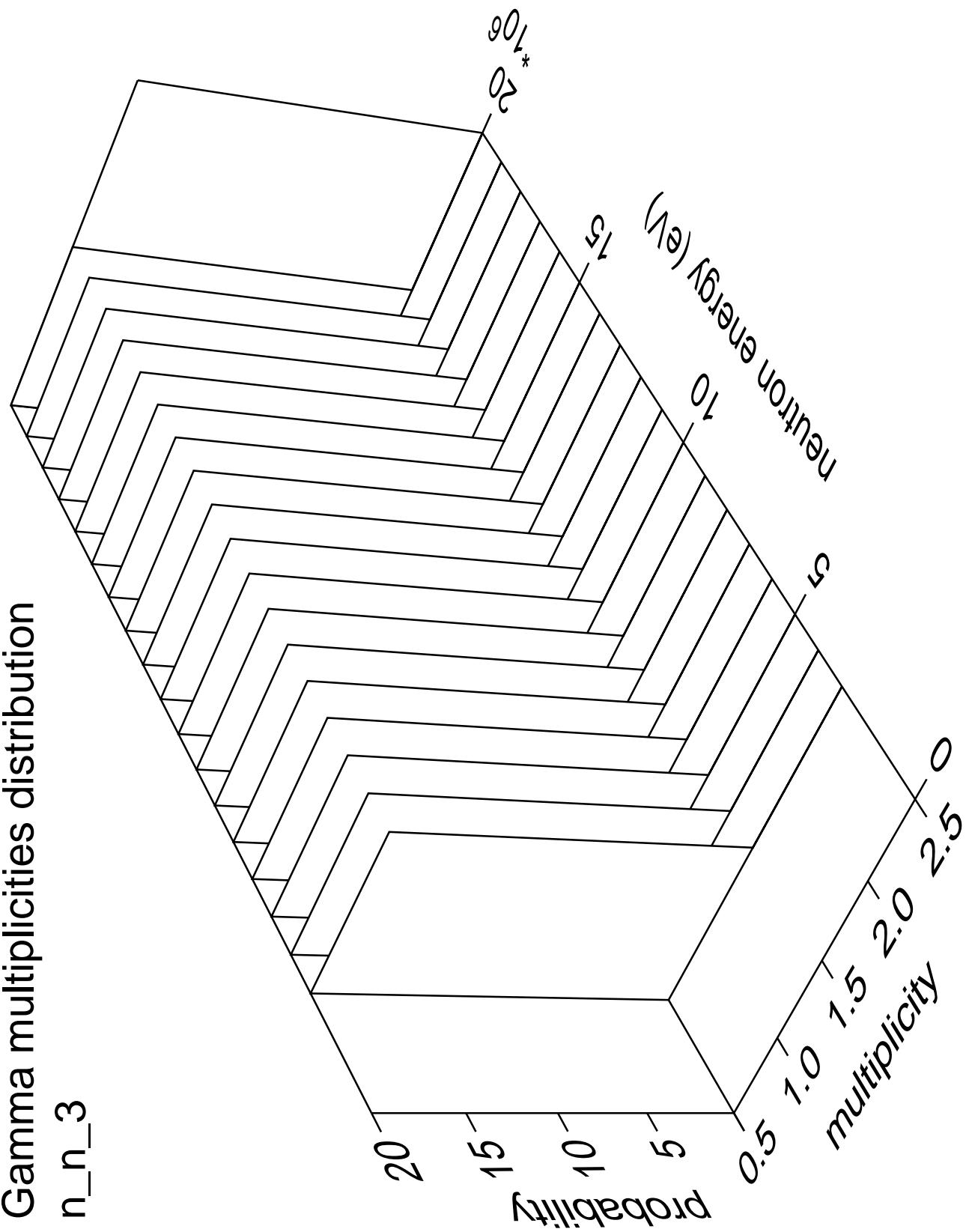


Gamma angles distribution

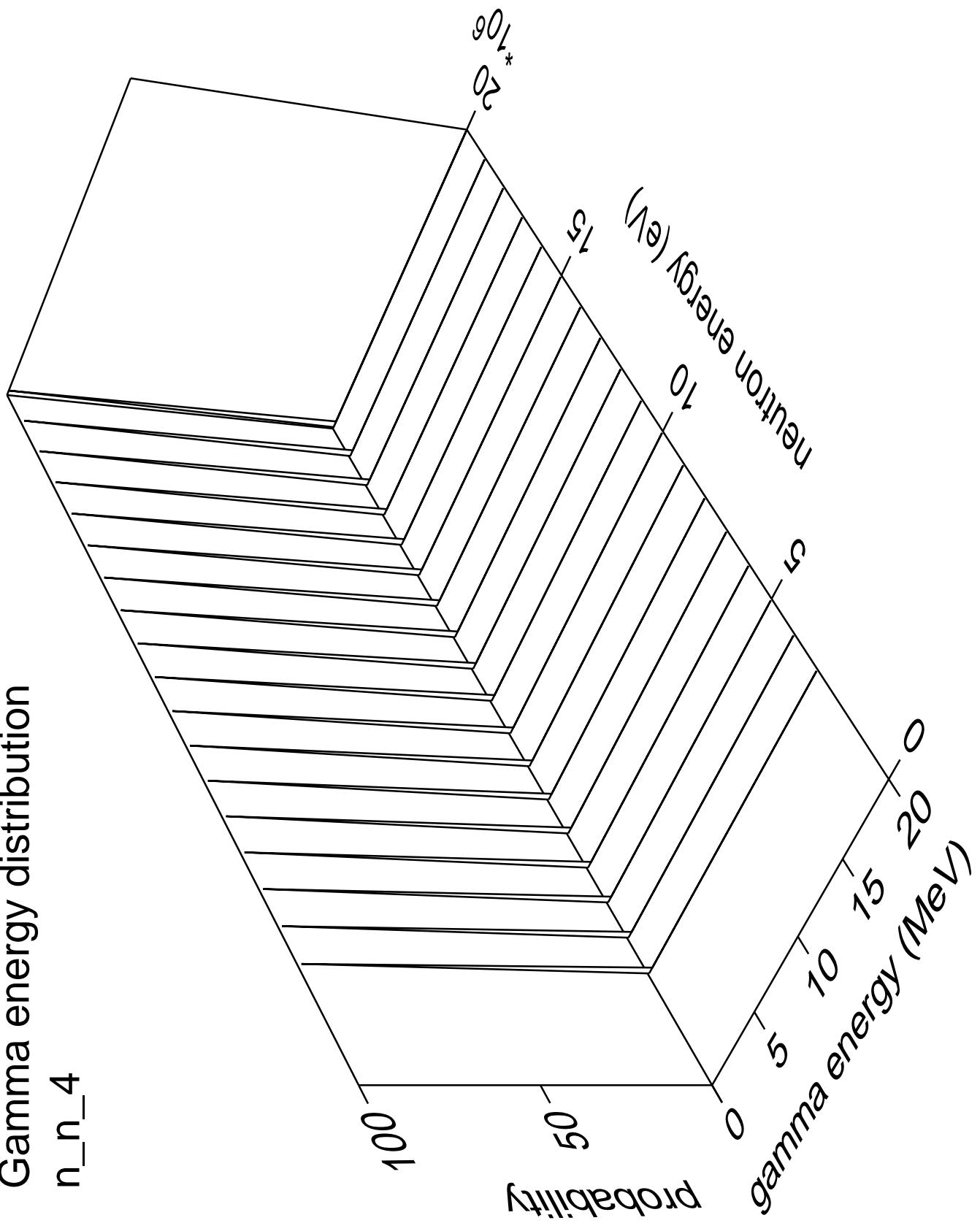
n\_n\_3



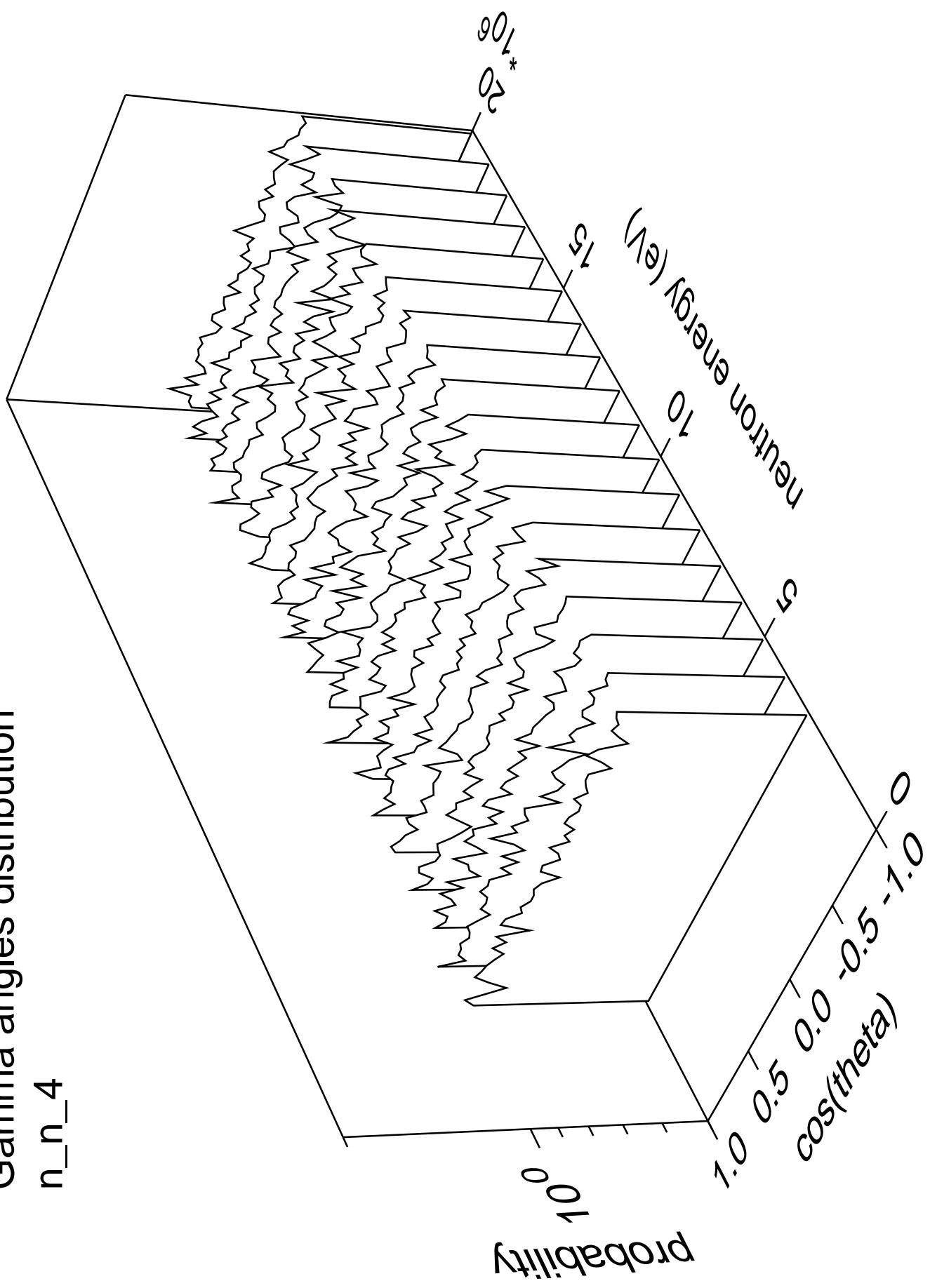
### Gamma multiplicities distribution



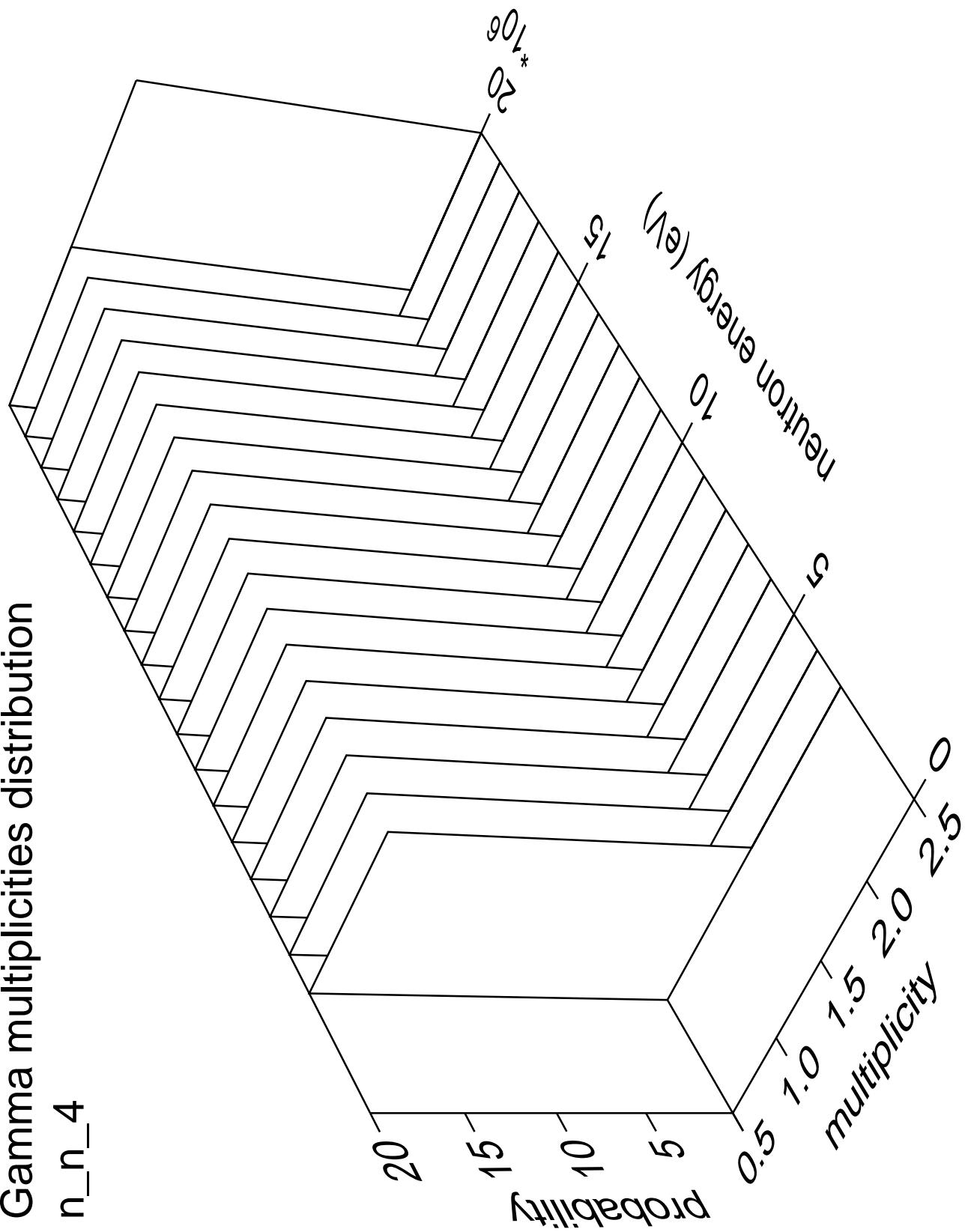
# Gamma energy distribution n\_n\_4

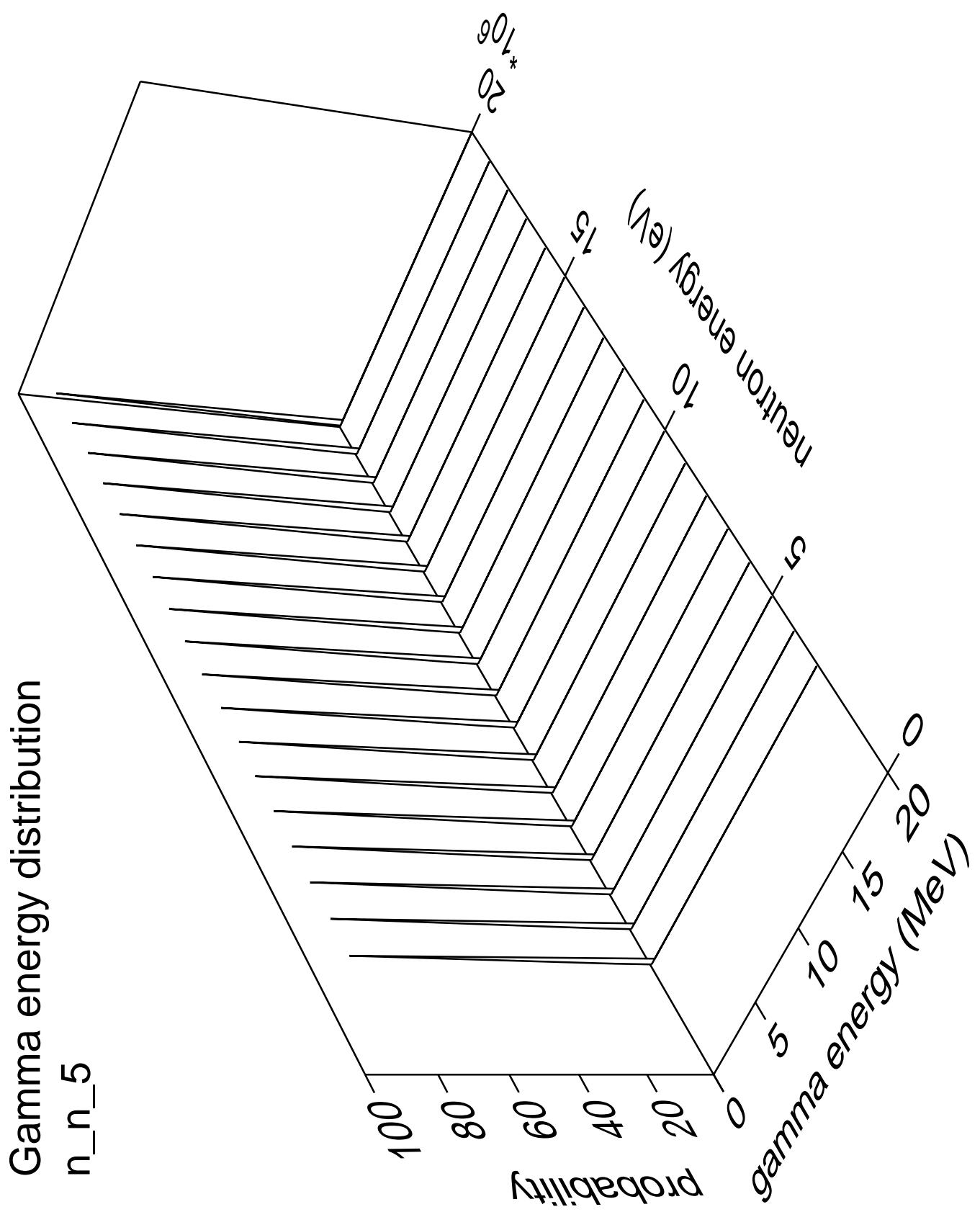


## Gamma angles distribution



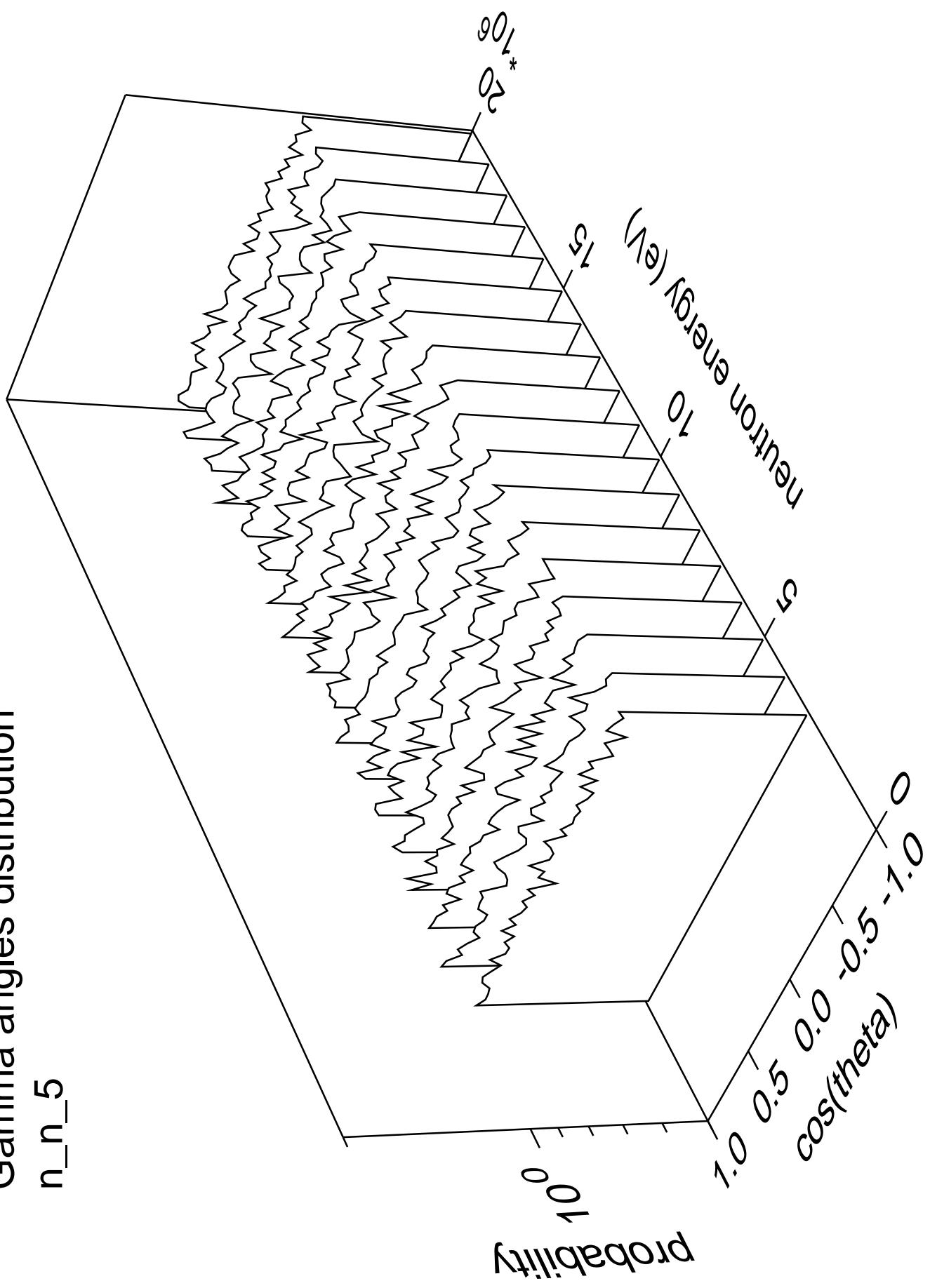
## Gamma multiplicities distribution



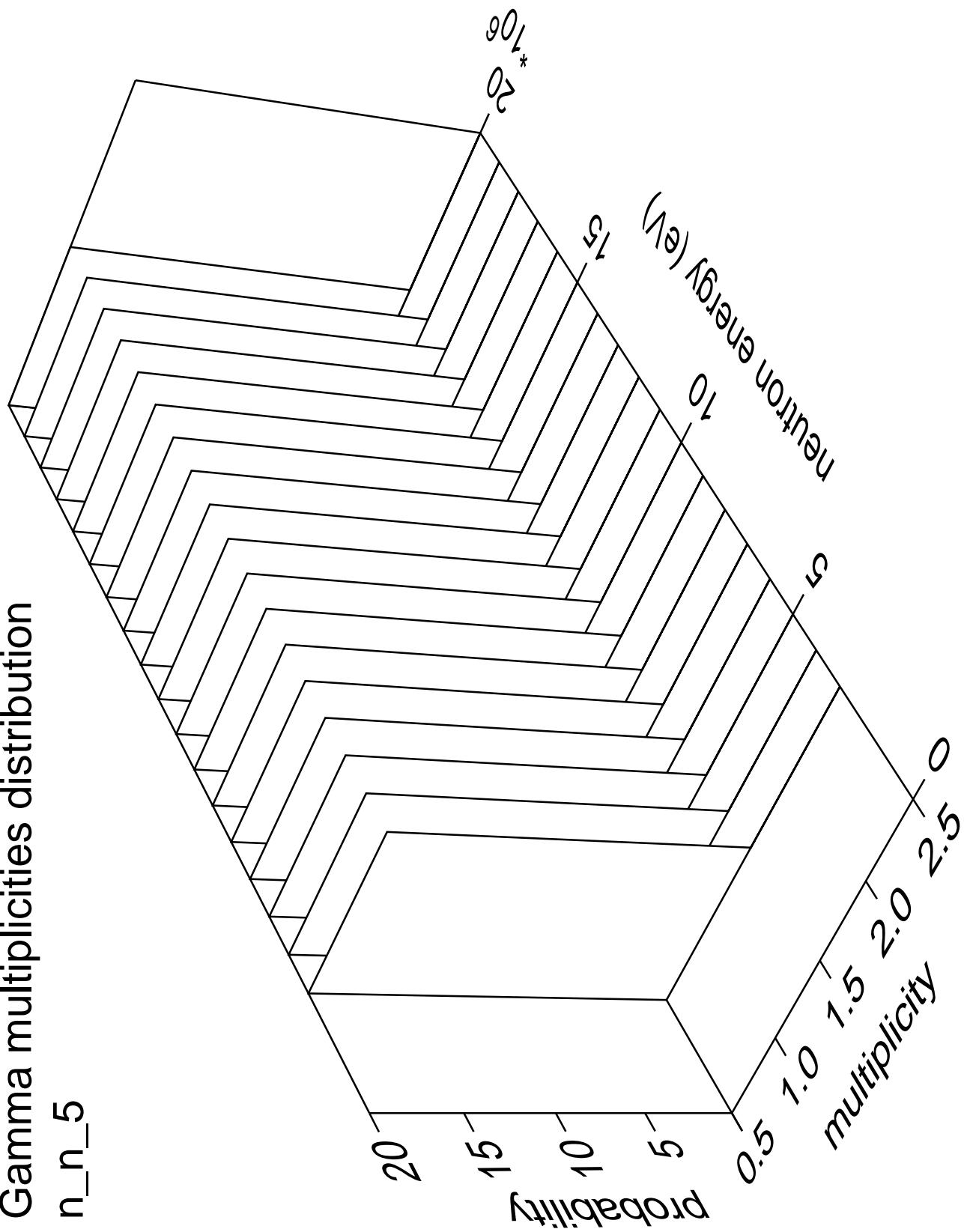


Gamma angles distribution

n\_n\_5

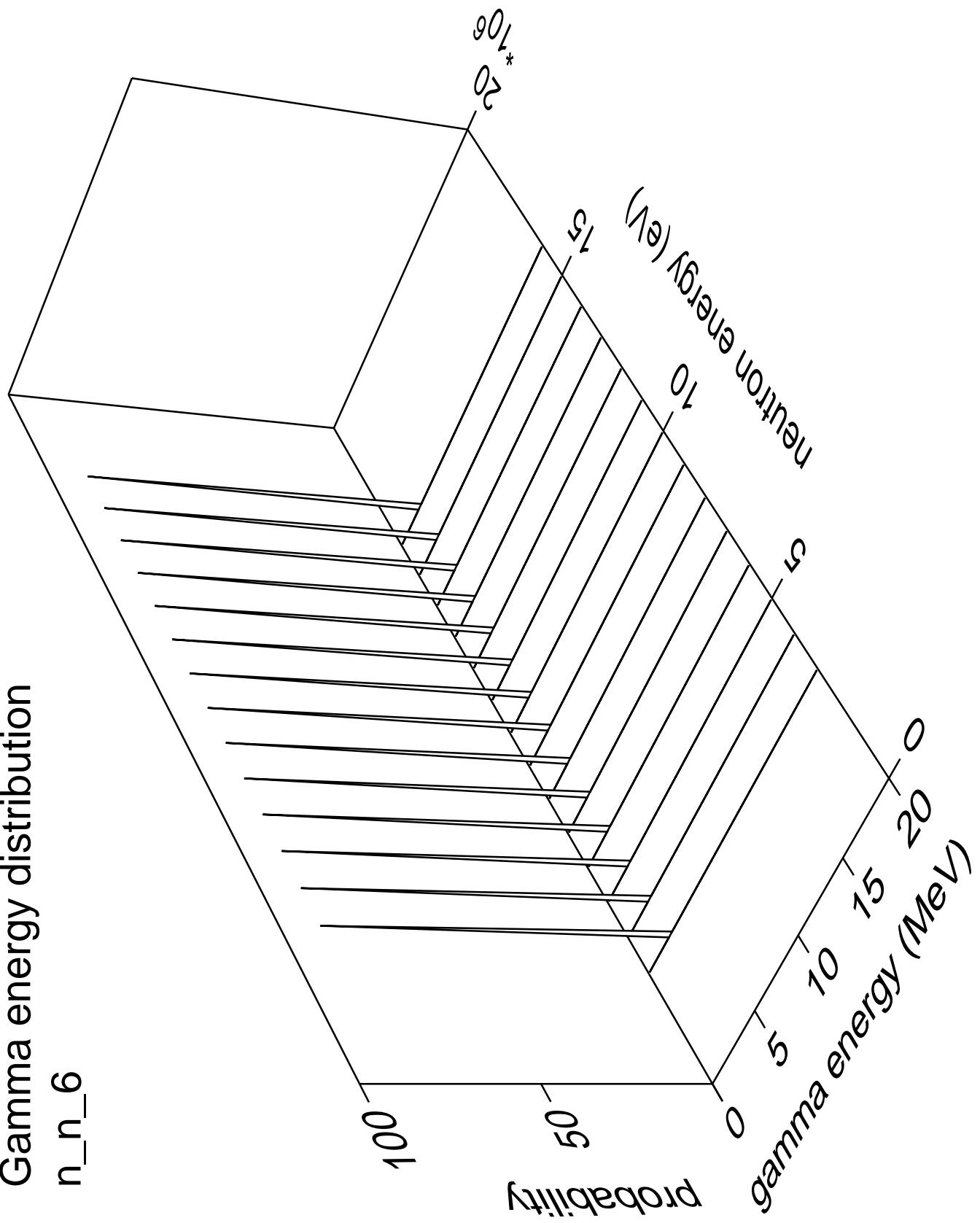


# Gamma multiplicities distribution

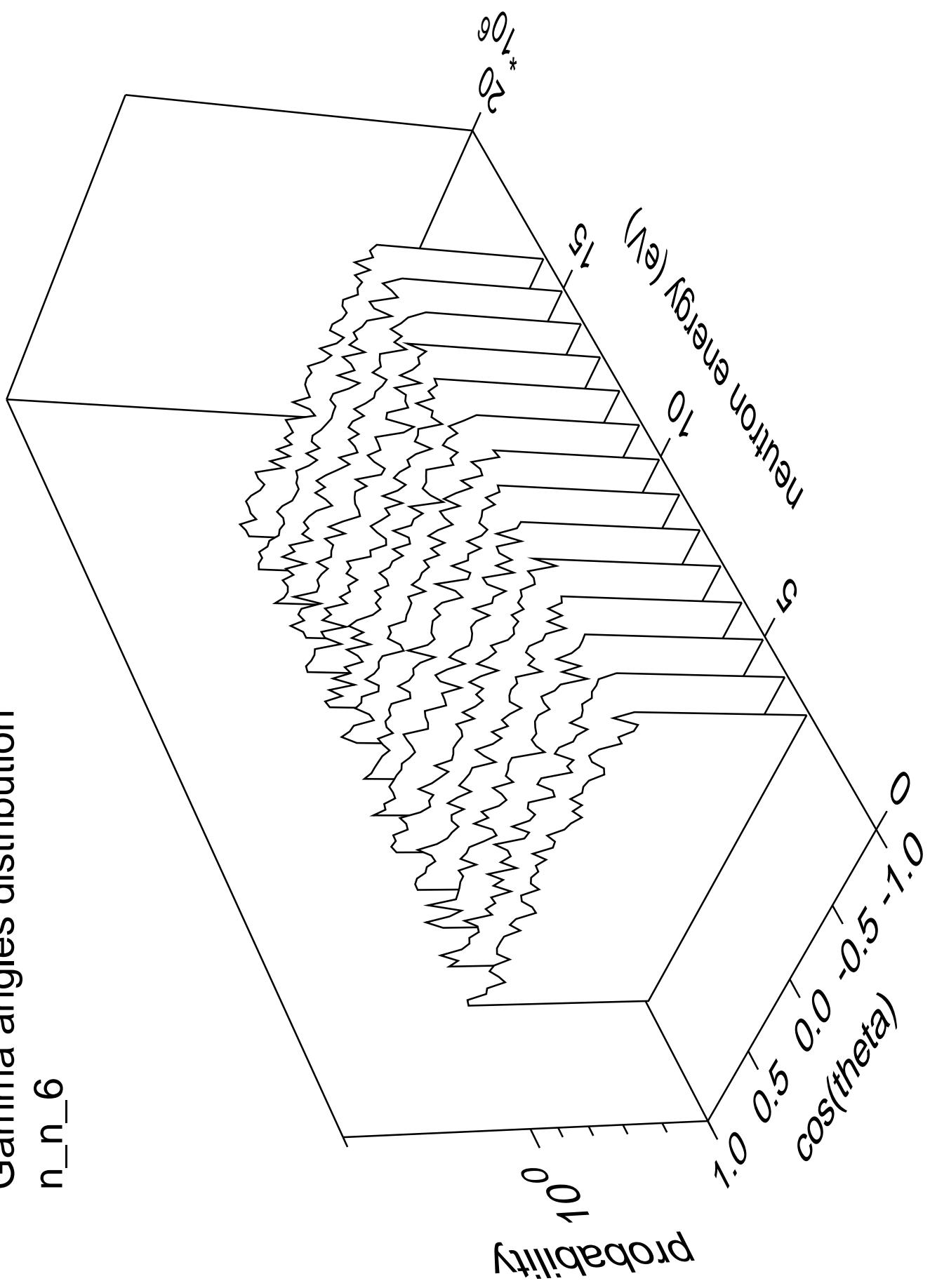


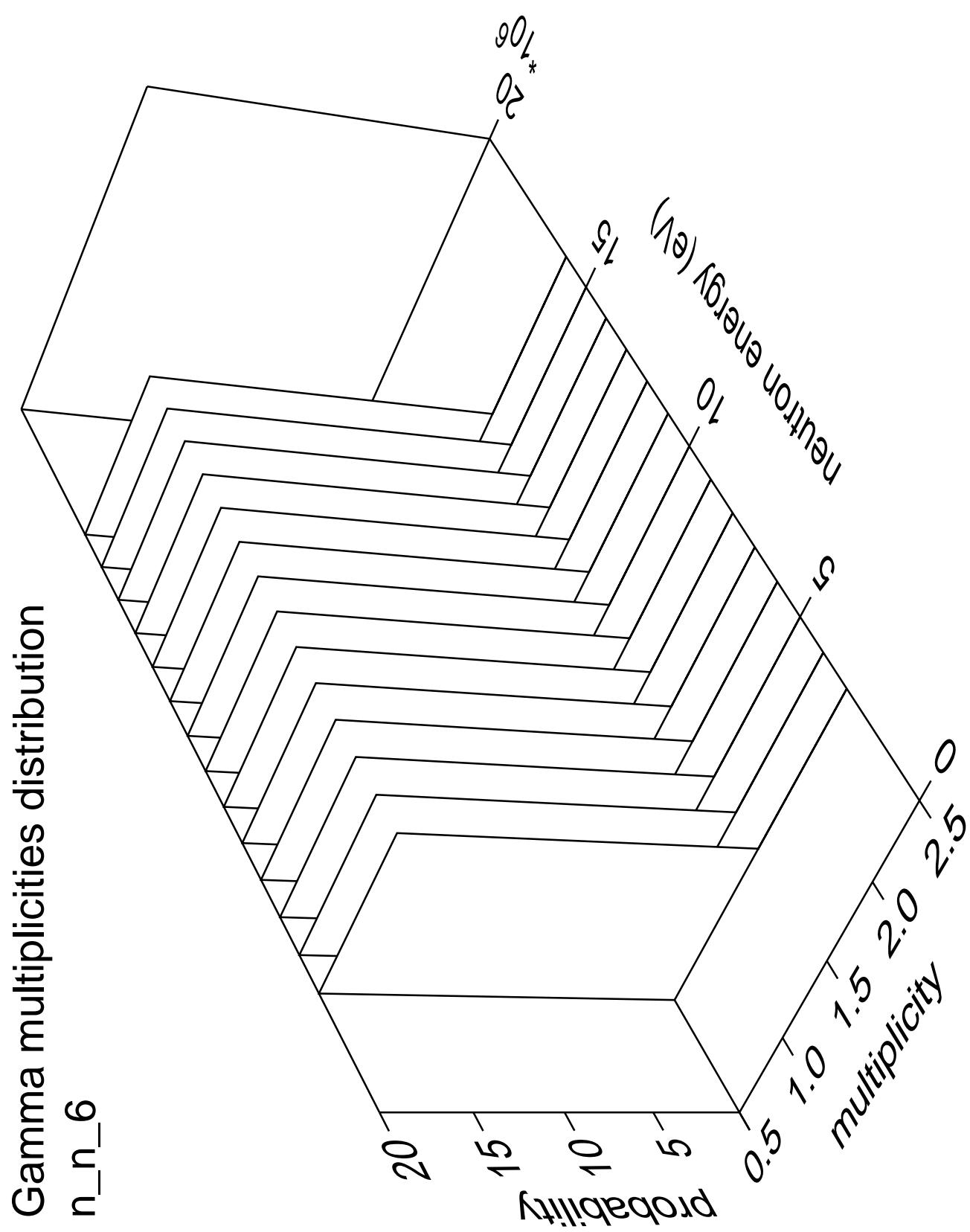
Gamma energy distribution

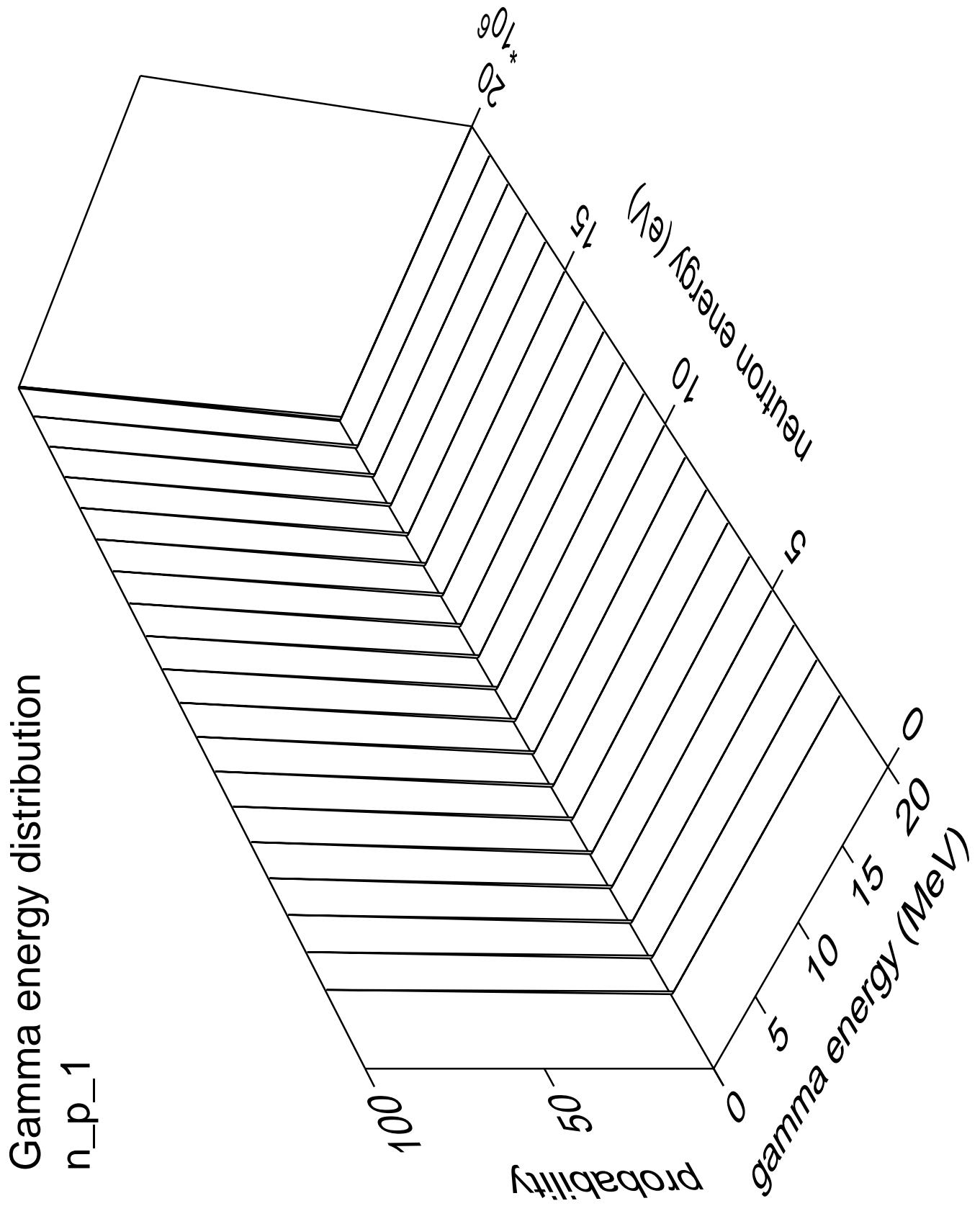
n\_n\_6



# Gamma angles distribution







Gamma angles distribution

$n_{p\_1}$

Probability

$10^0$

$10^1$

$10^2$

$10^3$

$10^4$

$10^5$

1.0 0.5 0.0 -0.5 -1.0

$\cos(\theta)$

Neutron energy (eV)

5

10

15

20

25

30

35

40

45

50

55

60

65

70

75

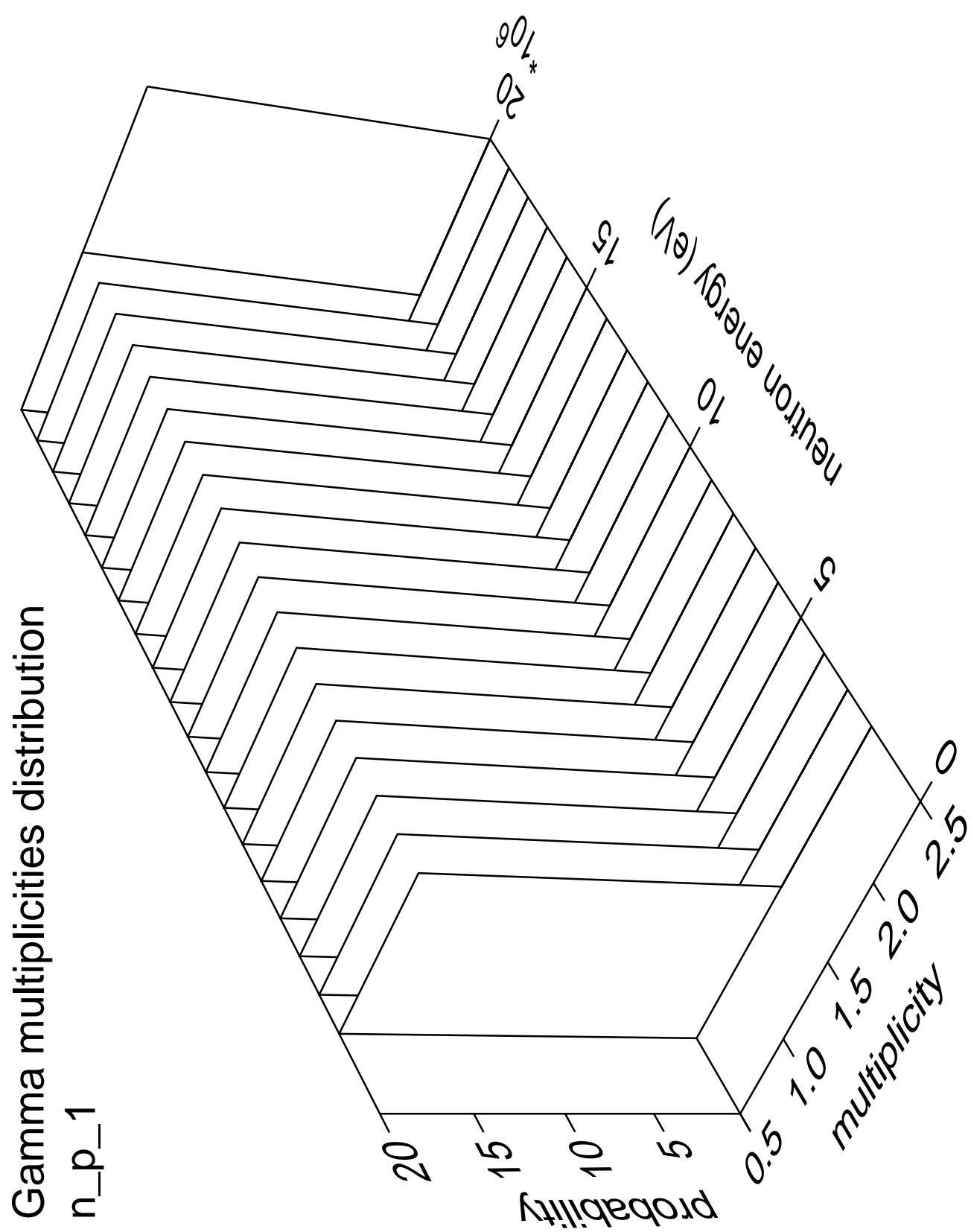
80

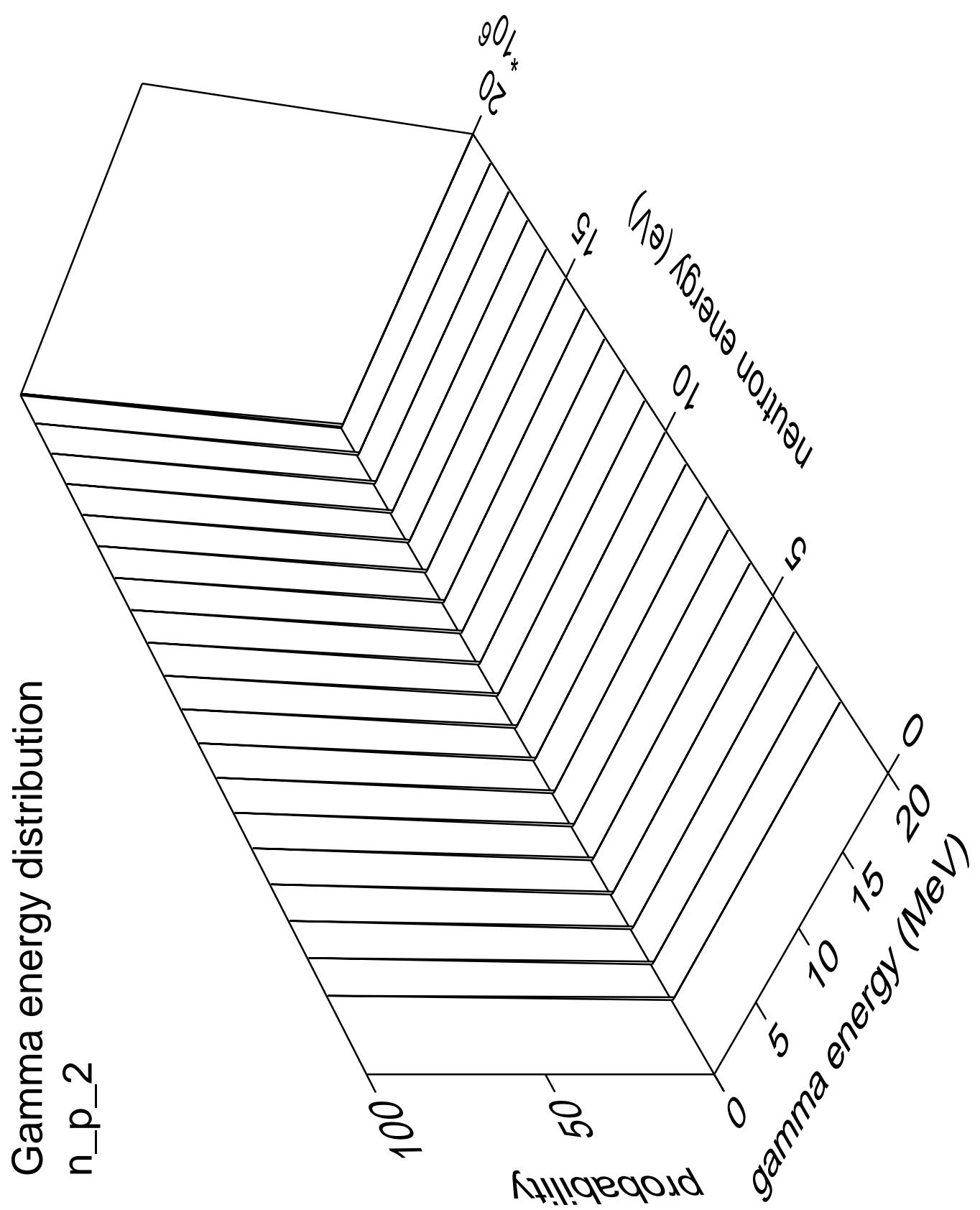
85

90

95

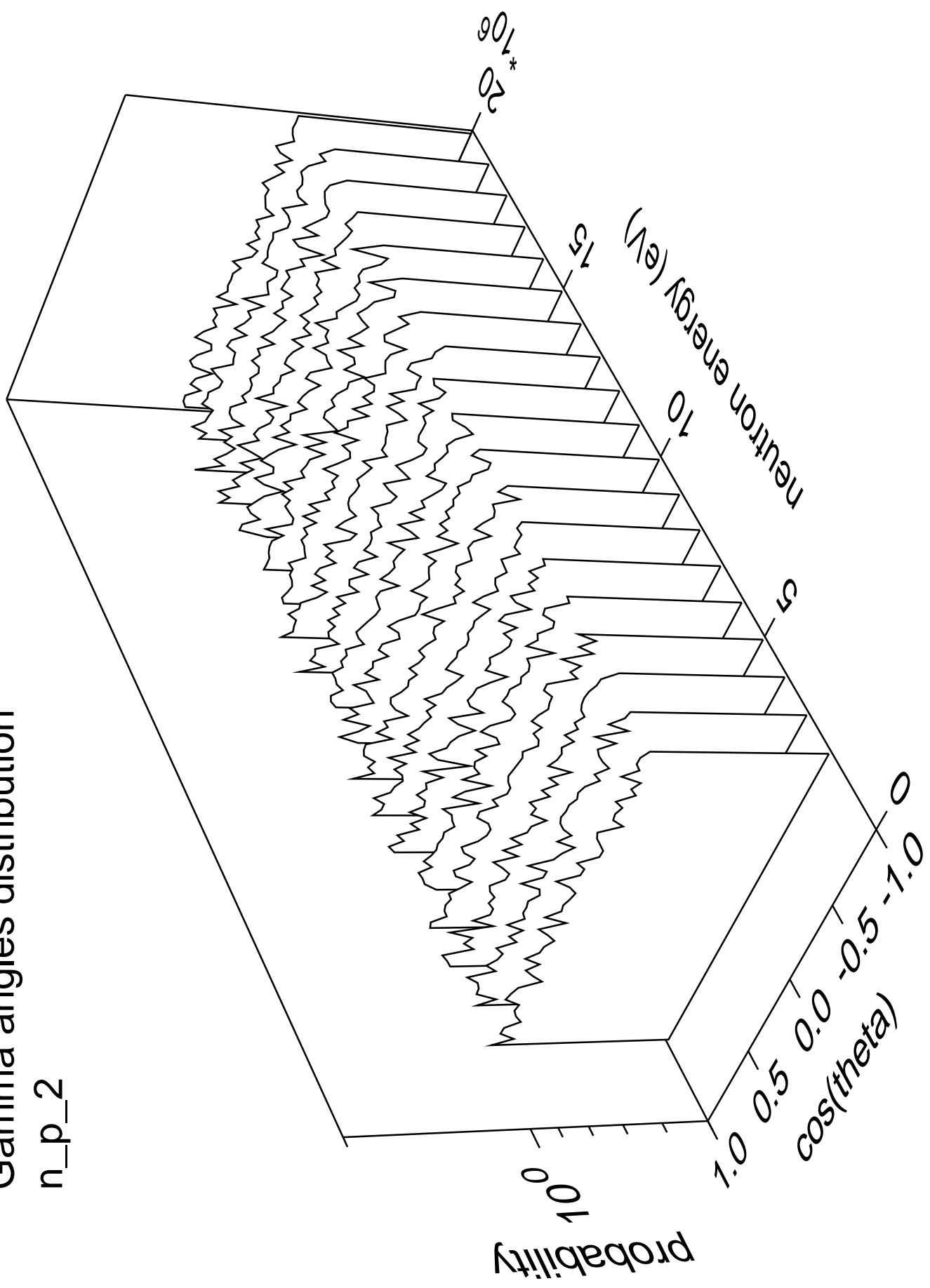
100

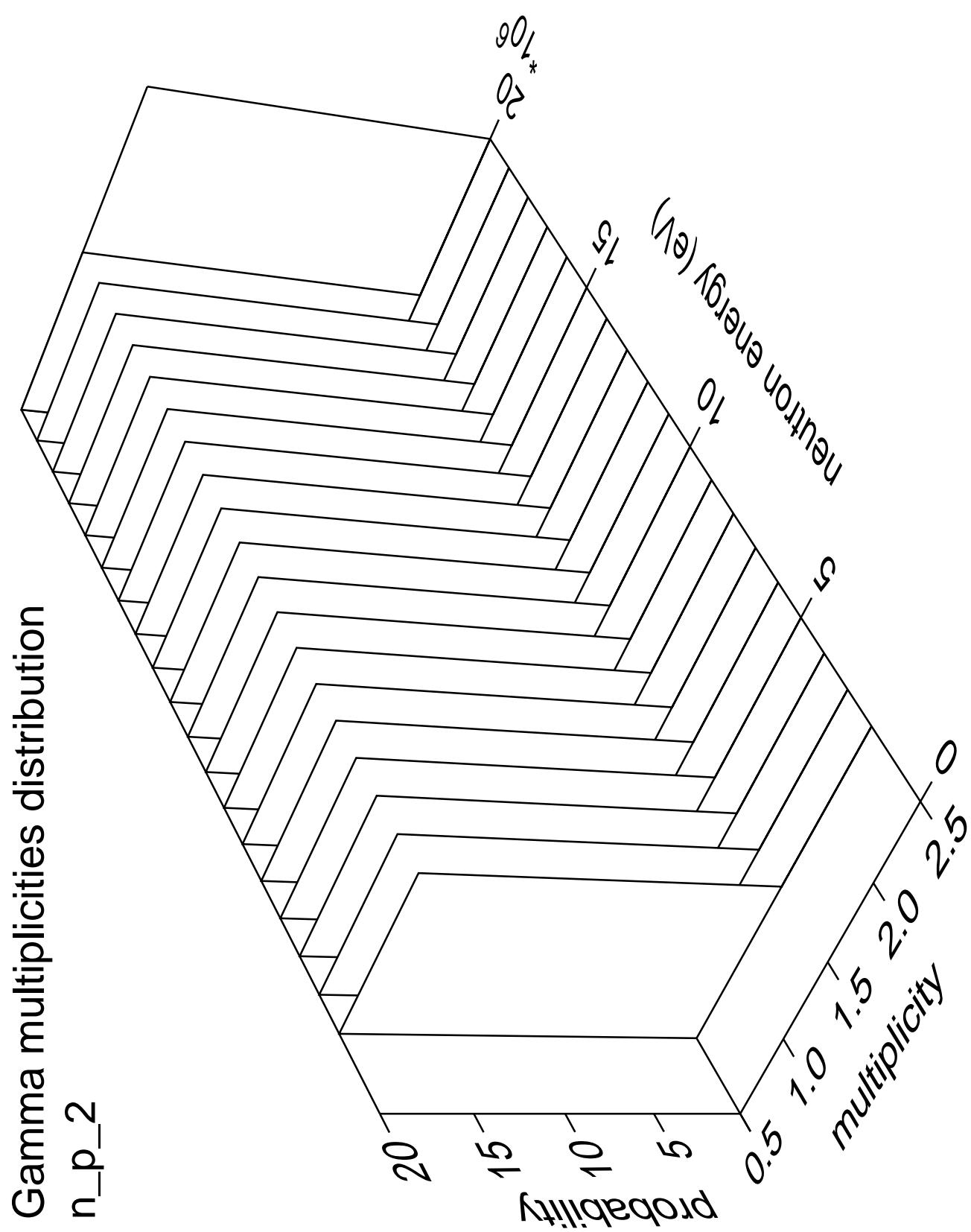


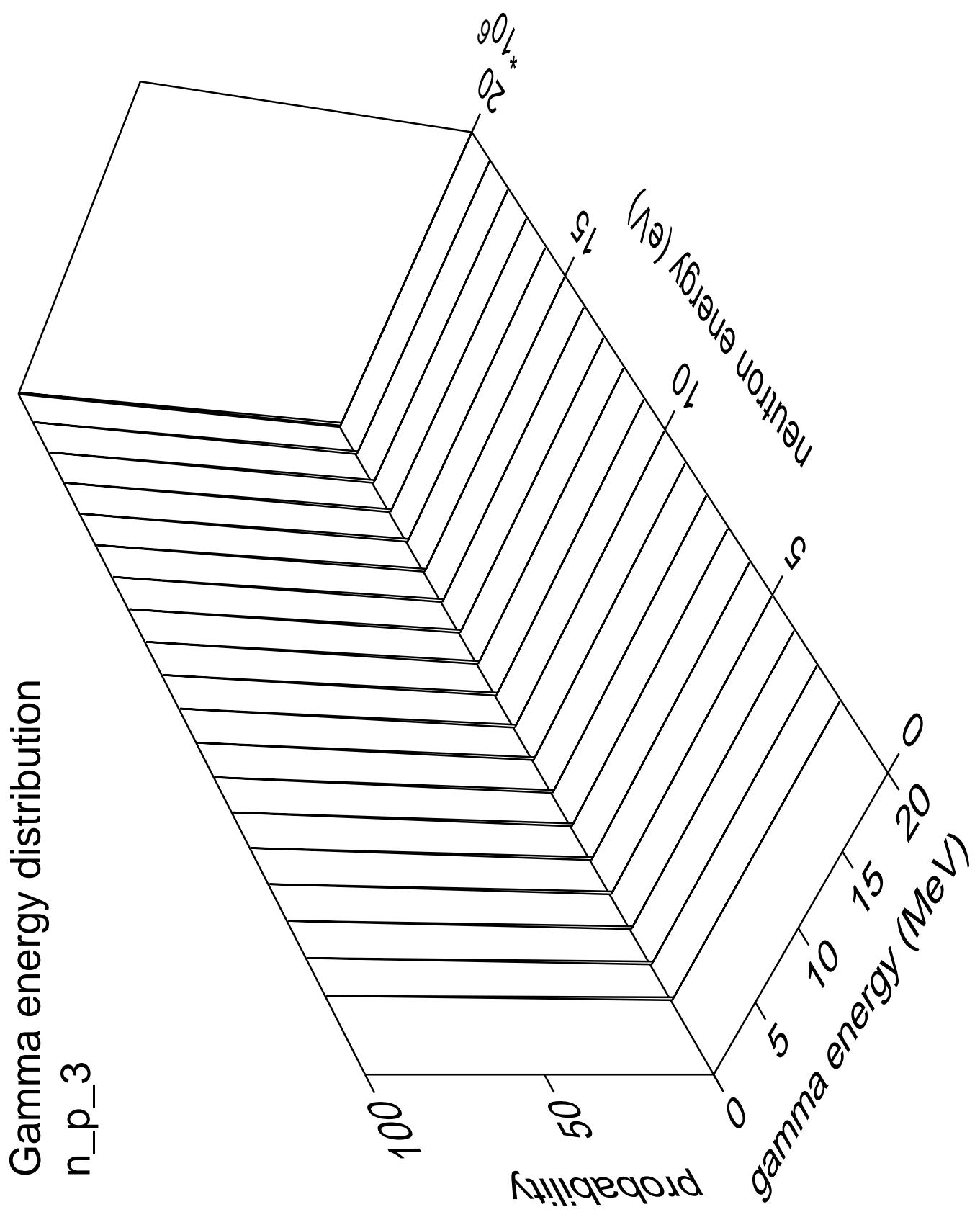


Gamma angles distribution

n\_p\_2

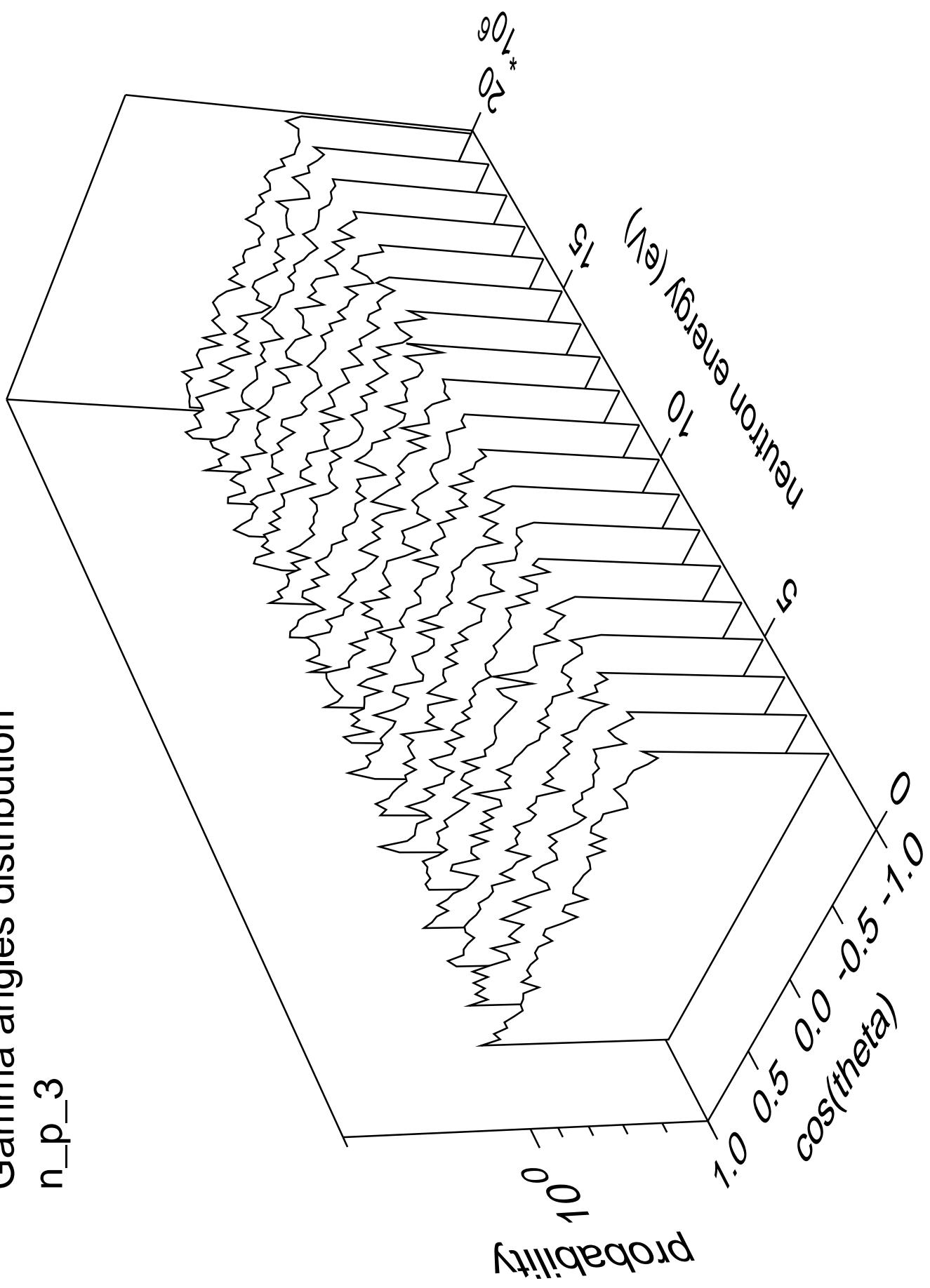


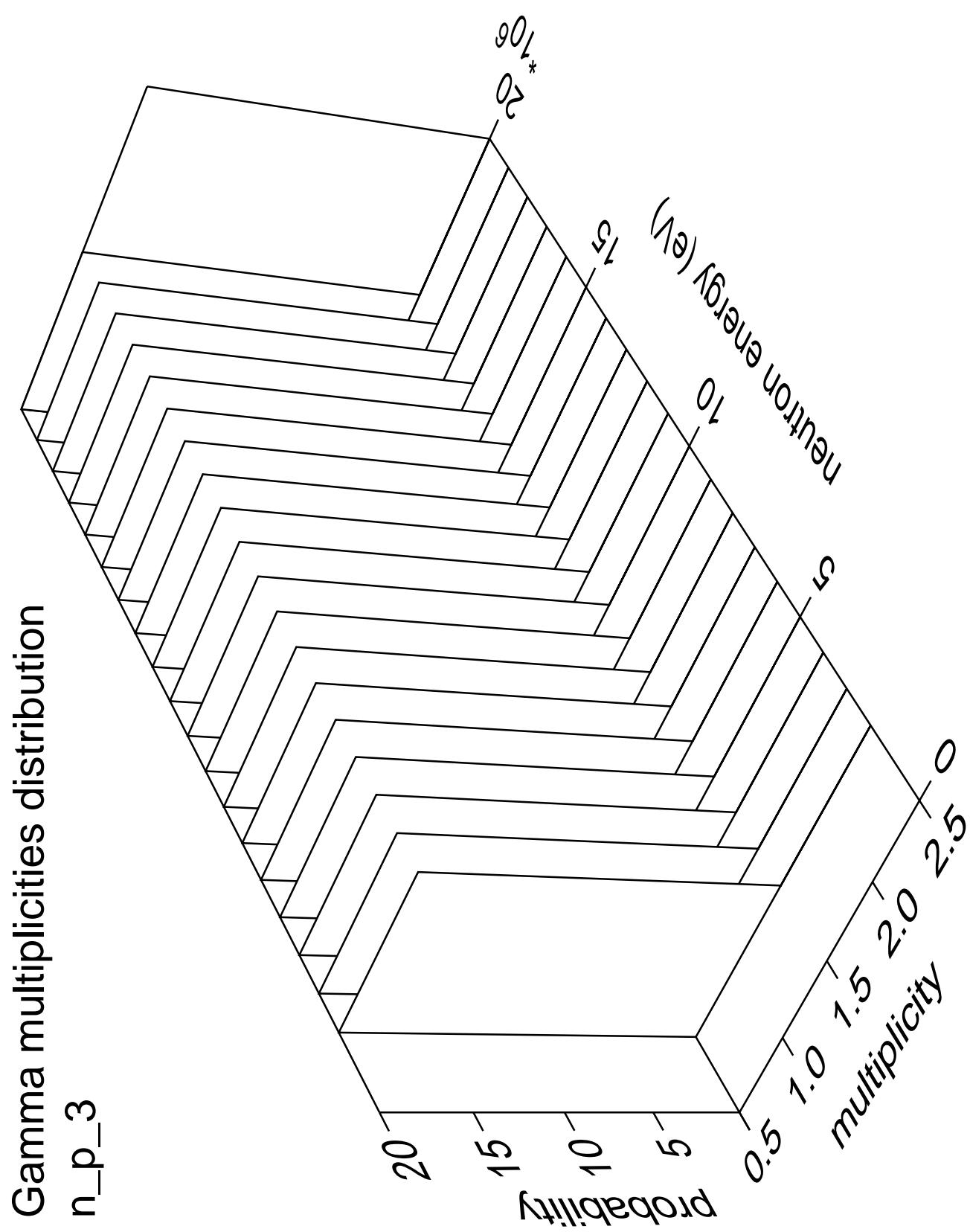




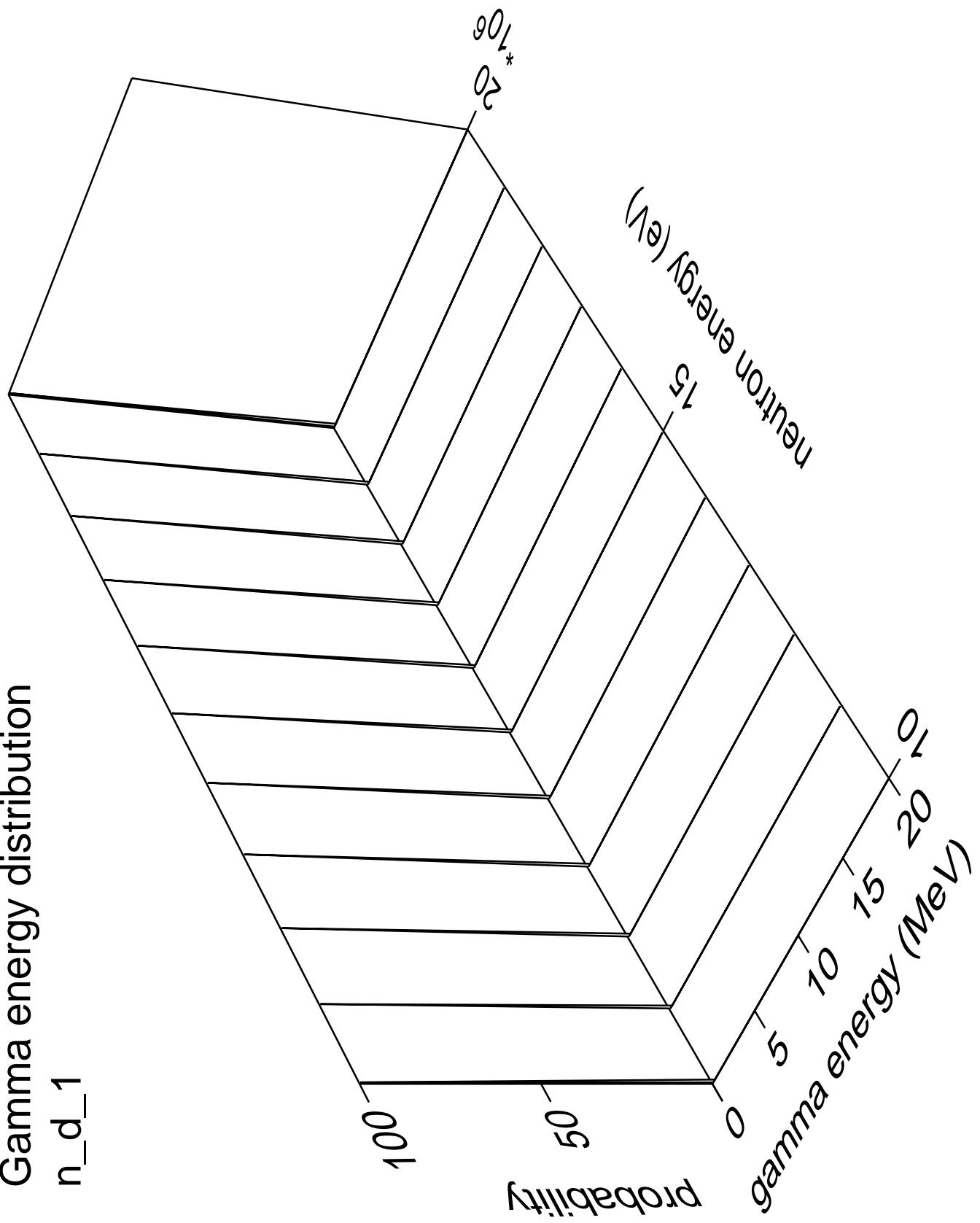
Gamma angles distribution

$n_{p\_3}$





Gamma energy distribution  
n\_d\_1



Gamma angles distribution

$n_d_1$

Probability

$10^0$

Neutron energy (eV)

10<sup>6</sup>  
20  
10<sup>5</sup>  
15

cos(theta)

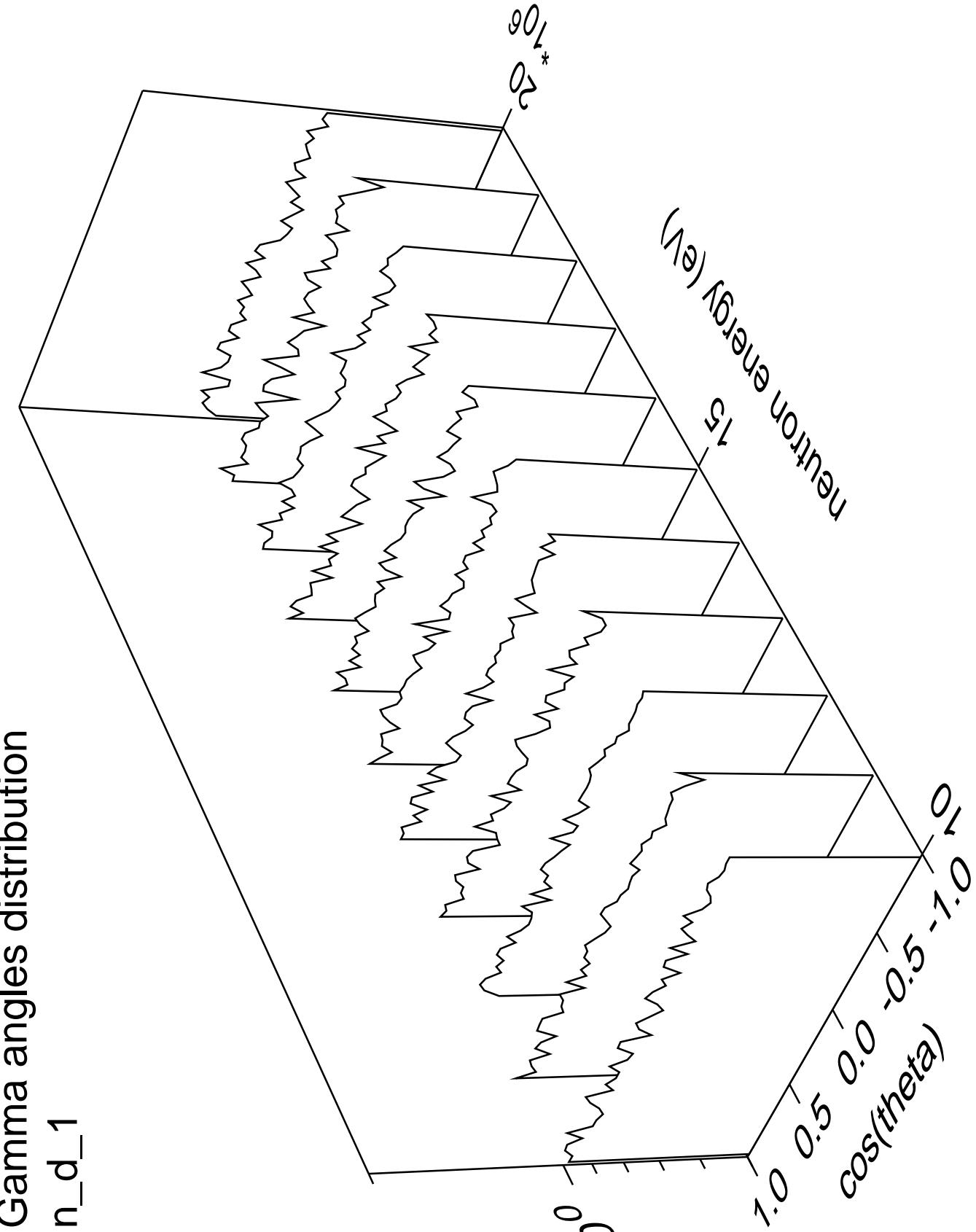
1.0  
0.5  
0.0

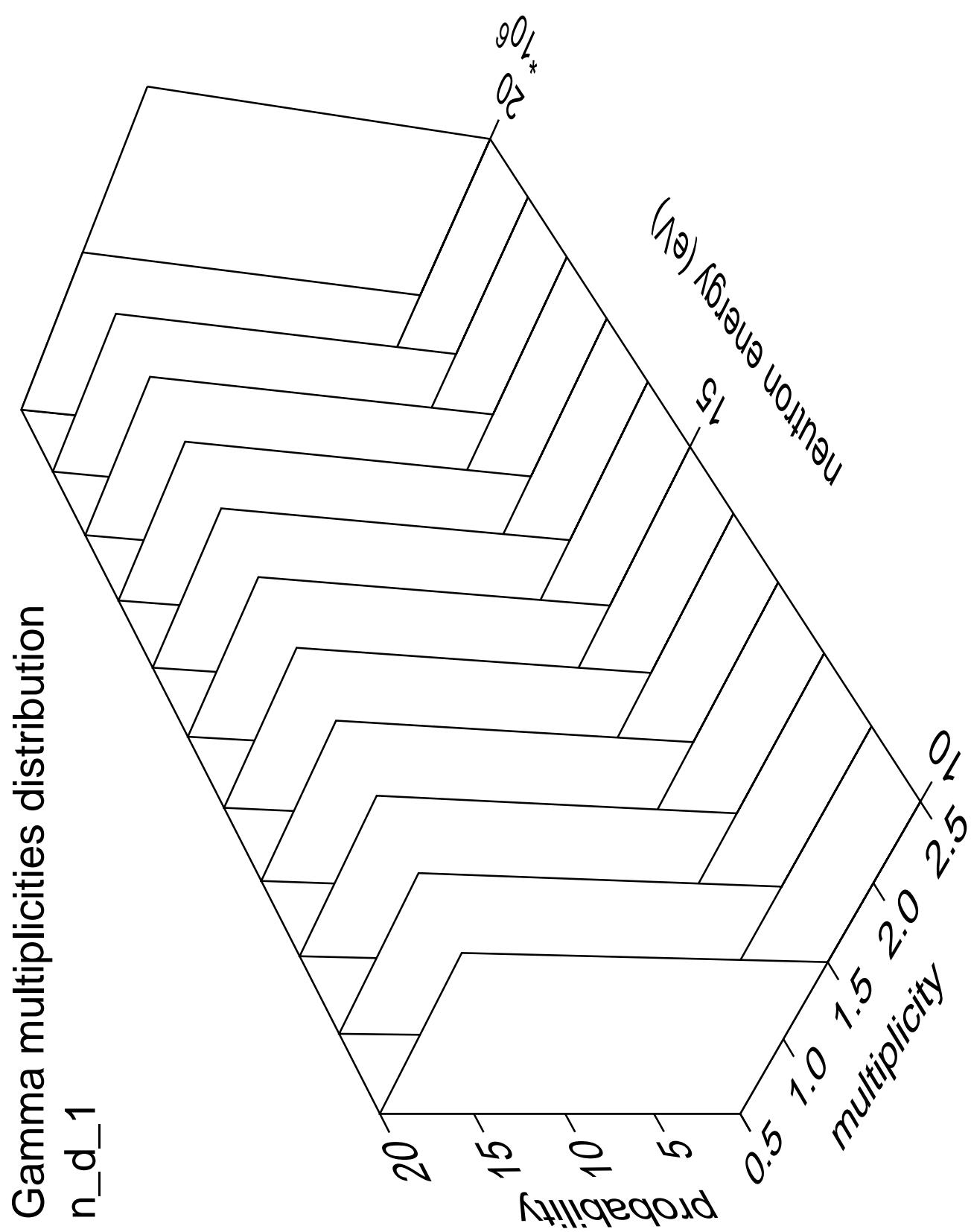
1.0  
0.5  
0.0

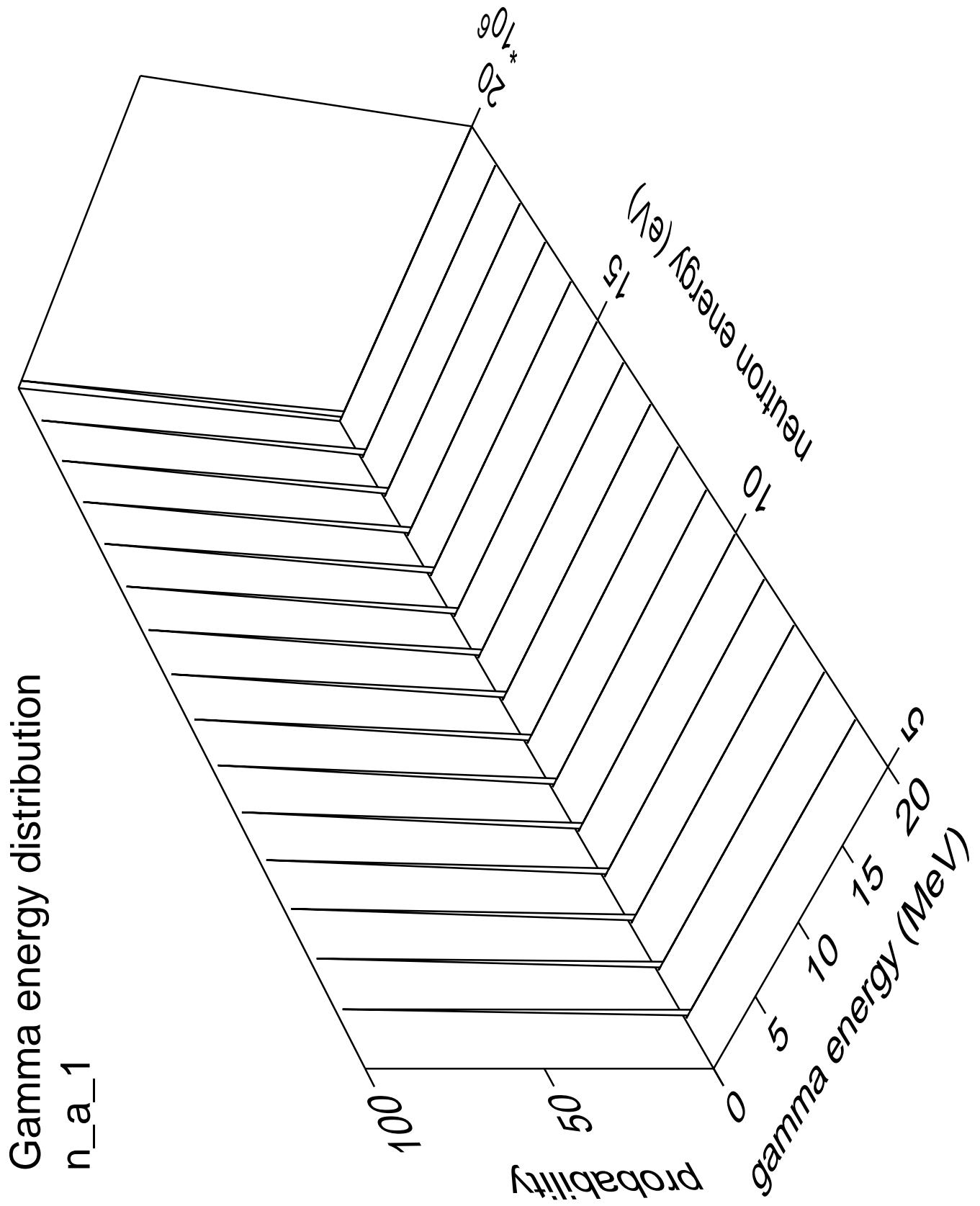
1.0  
0.5  
0.0

1.0  
0.5  
0.0

1.0  
0.5  
0.0

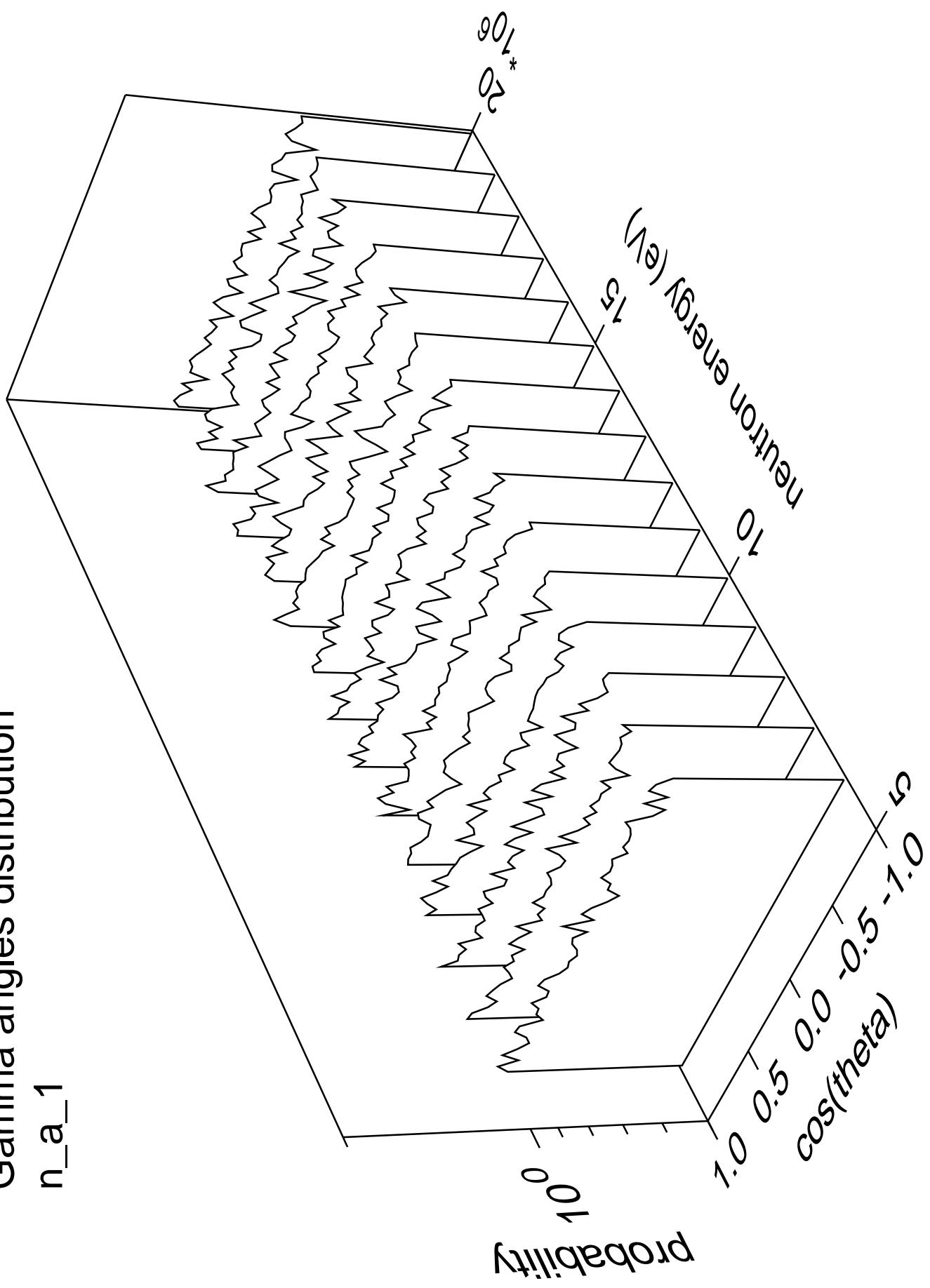


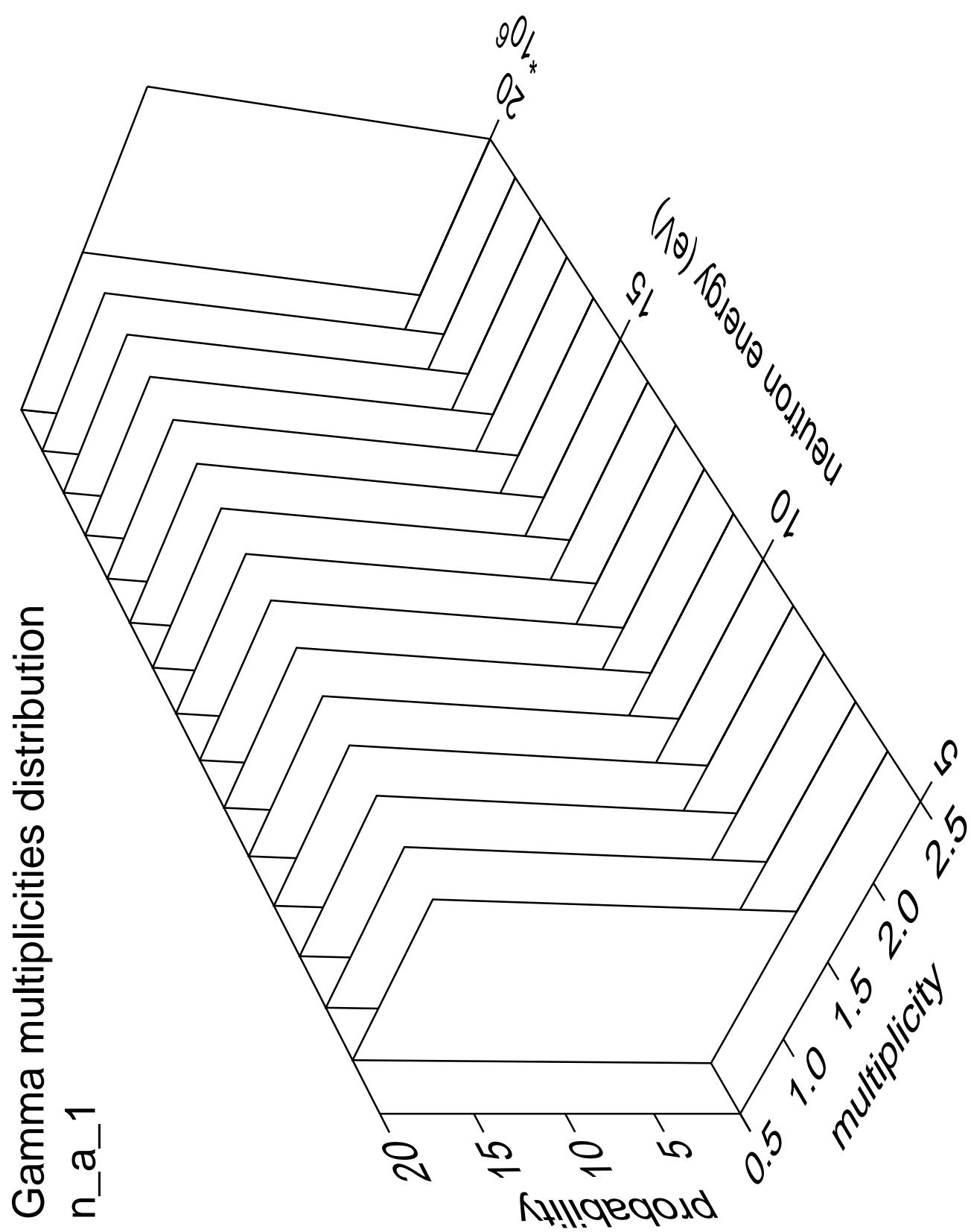




Gamma angles distribution

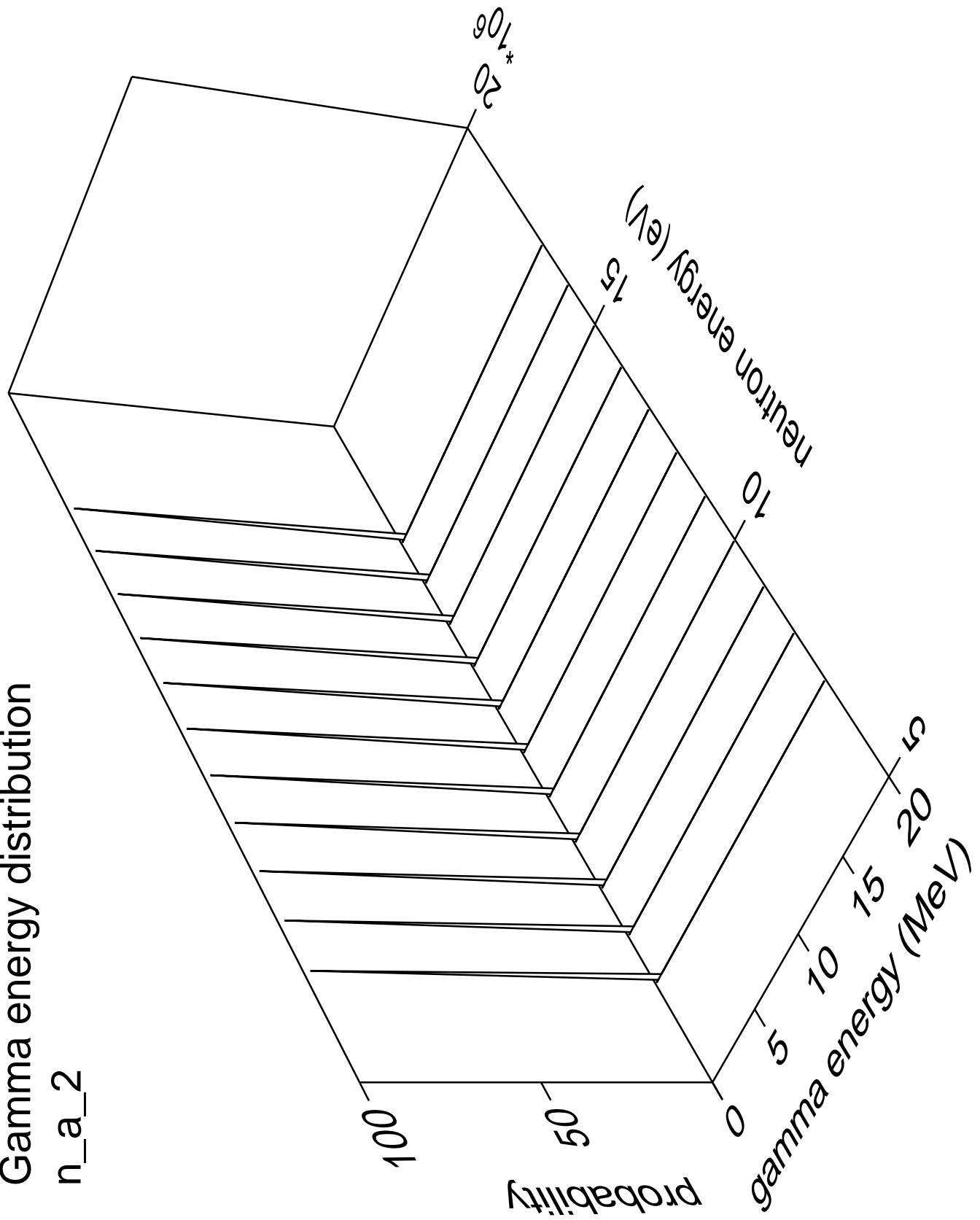
$n_a_1$





## Gamma energy distribution

n\_a\_2



Gamma angles distribution

$n_a_2$

Probability

$10^0$

Neutron energy (eV)

$10^6$

$10^5$

$10^4$

$10^3$

$10^2$

$10^1$

$10^0$

$\cos(\theta)$

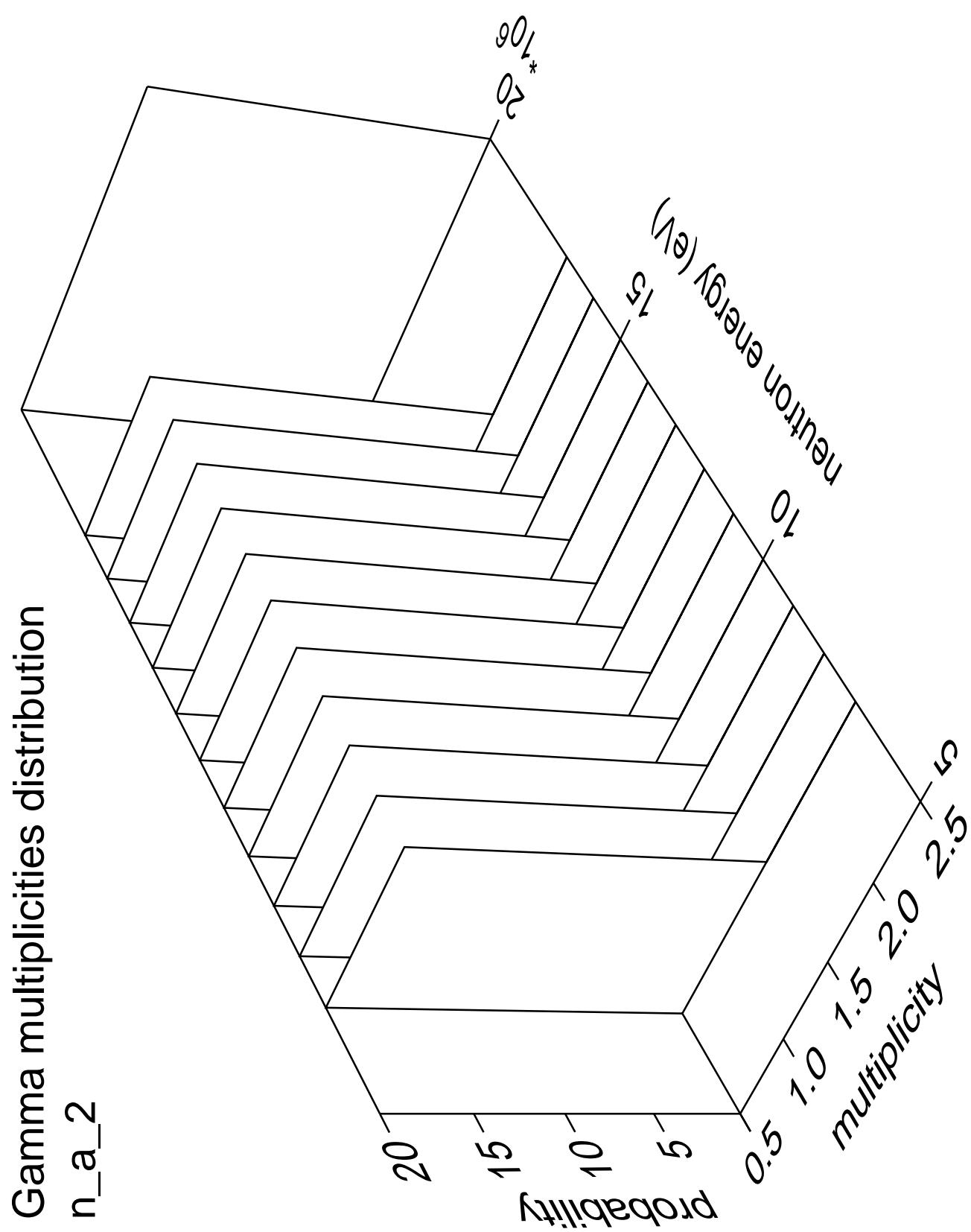
$1.0$

$0.5$

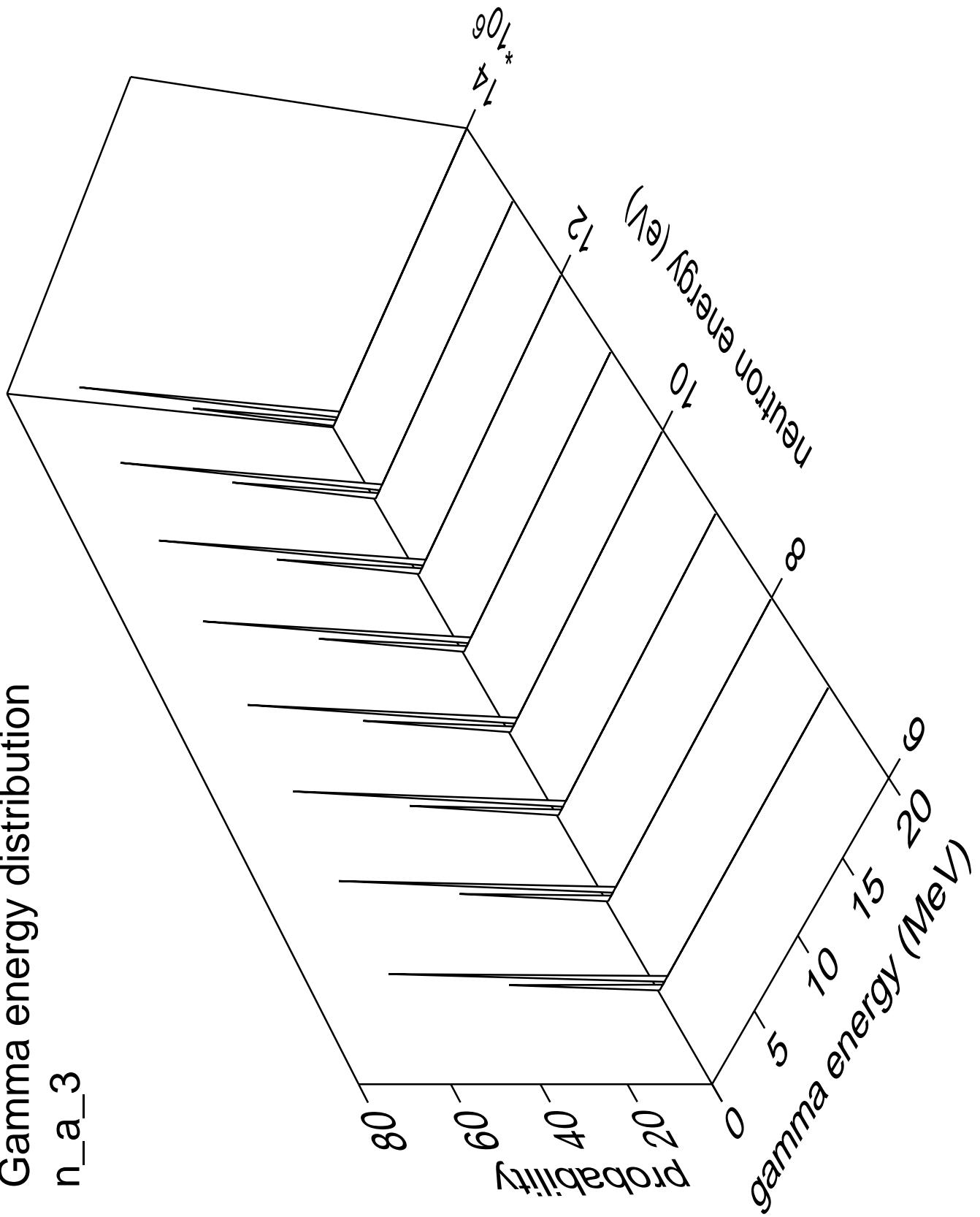
$0.0$

$-0.5$

$-1.0$



# Gamma energy distribution n\_a\_3



# Gamma angles distribution

n\_a\_3

