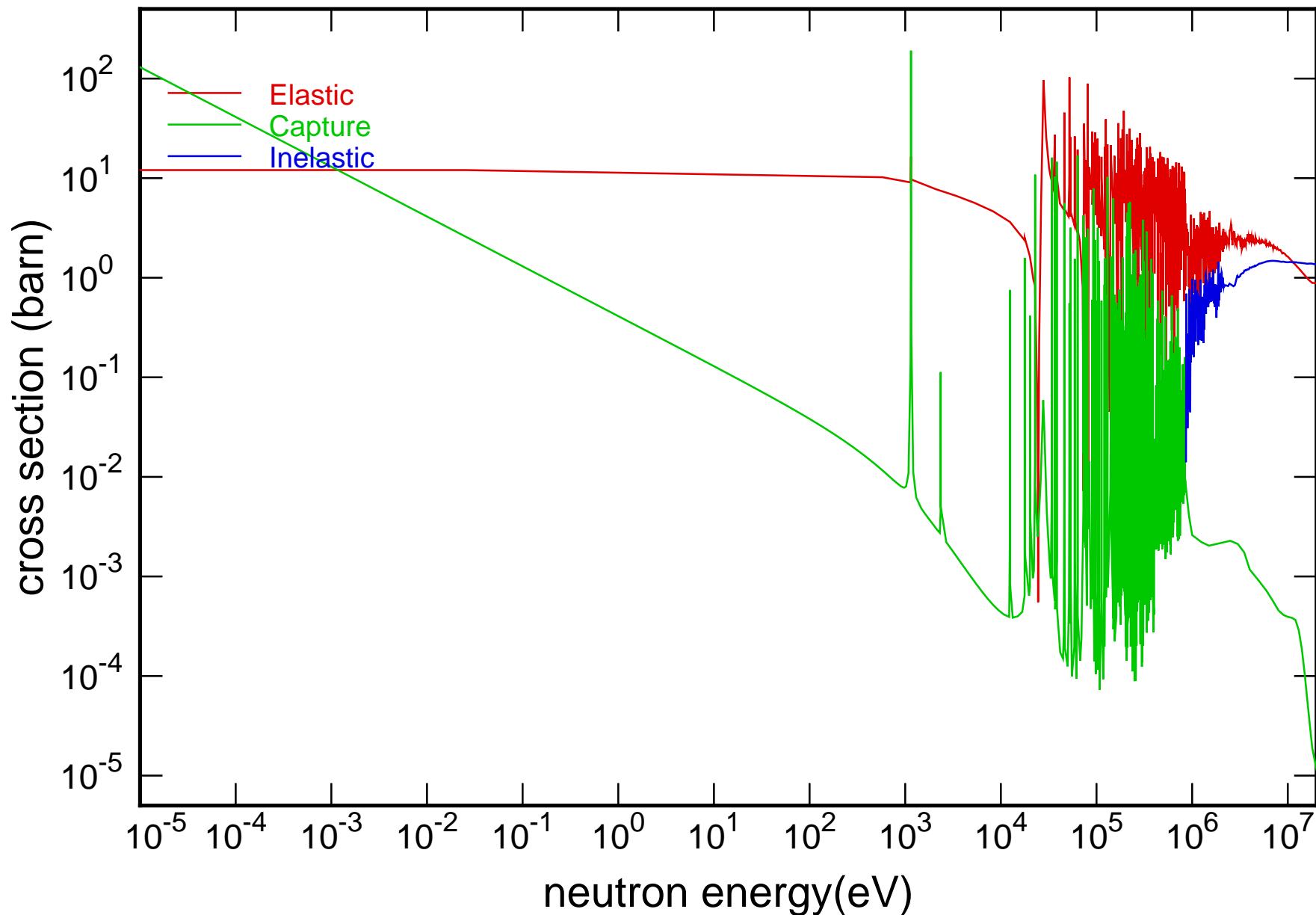
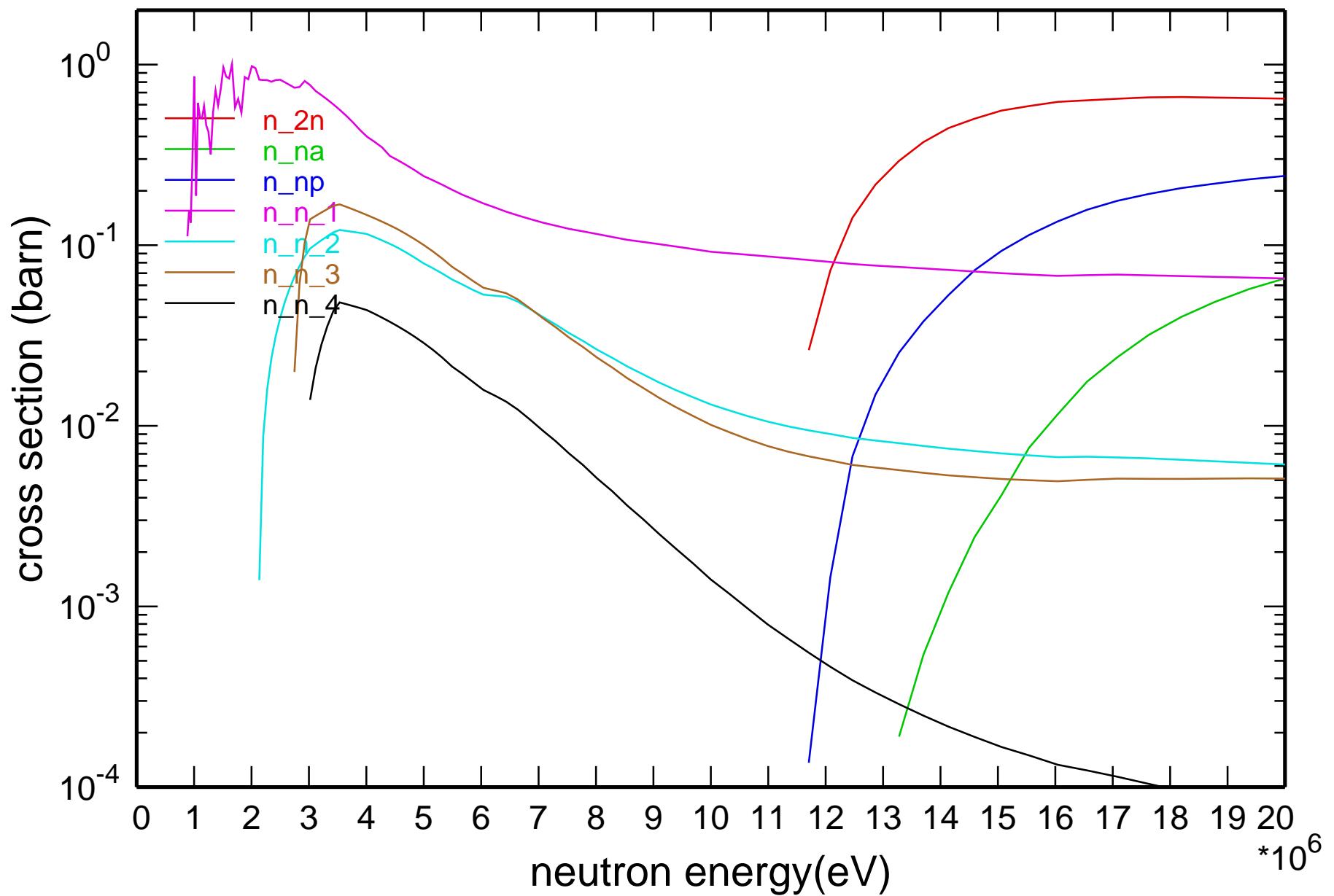


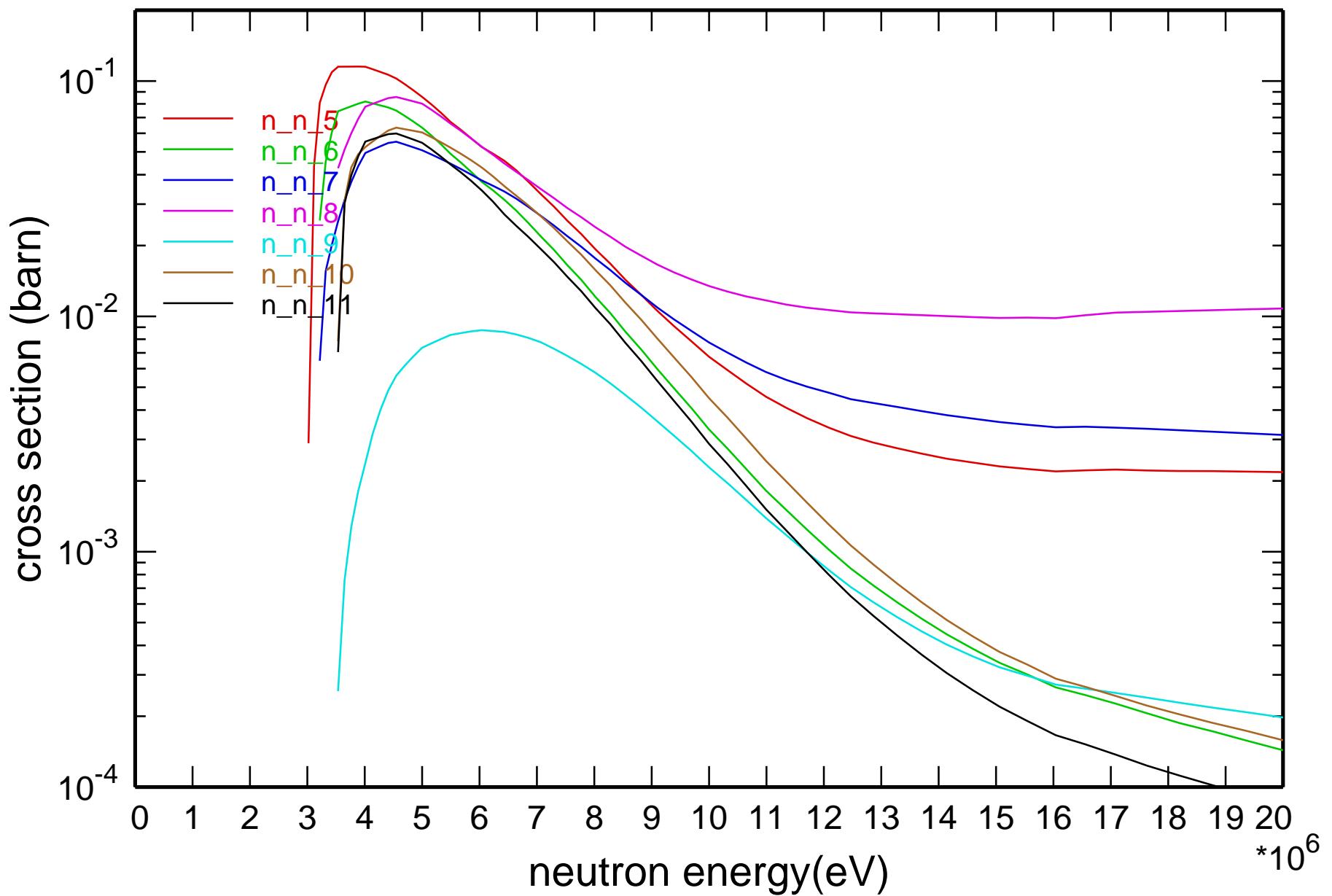
## Main Cross Sections

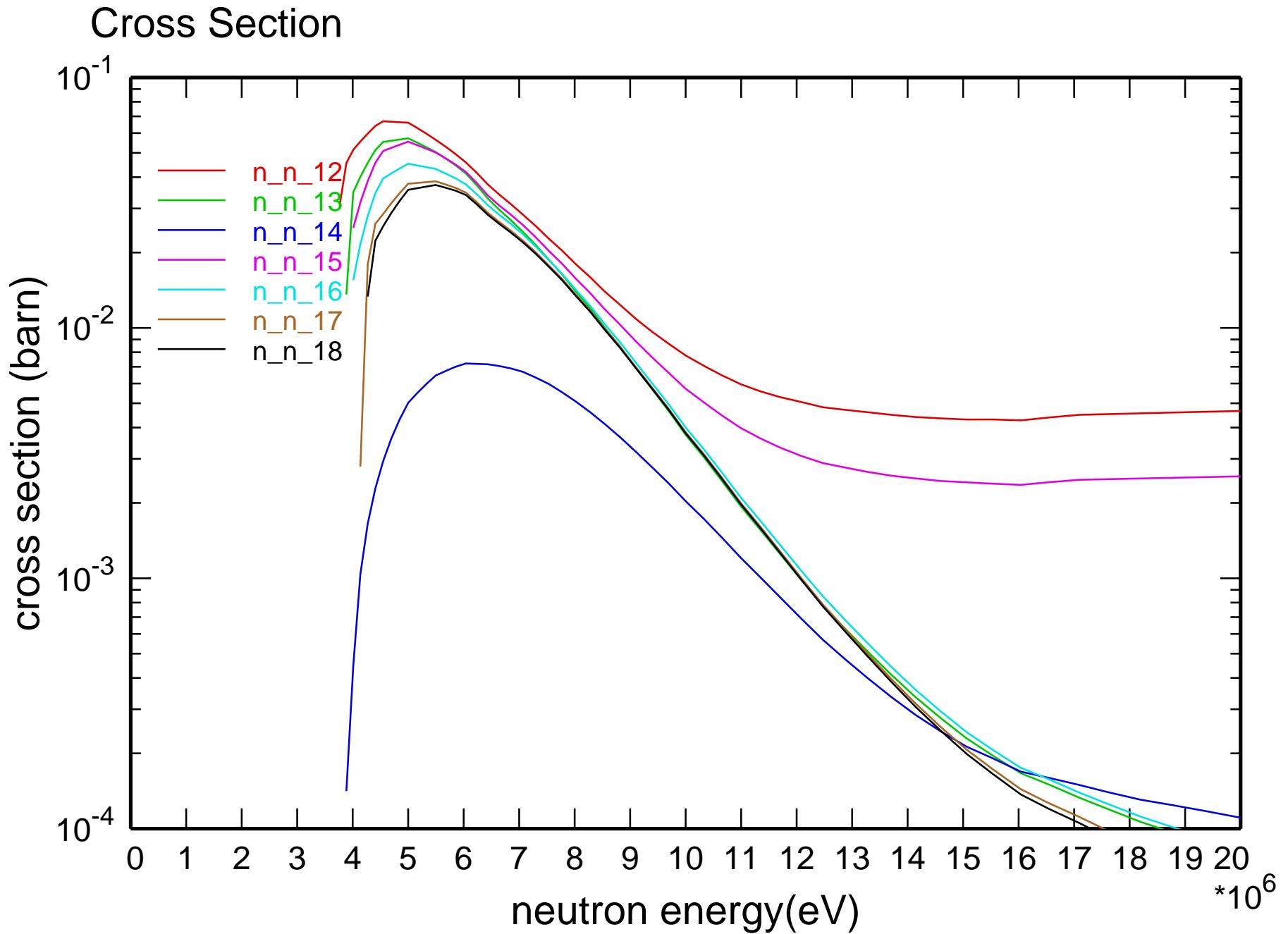


# Cross Section

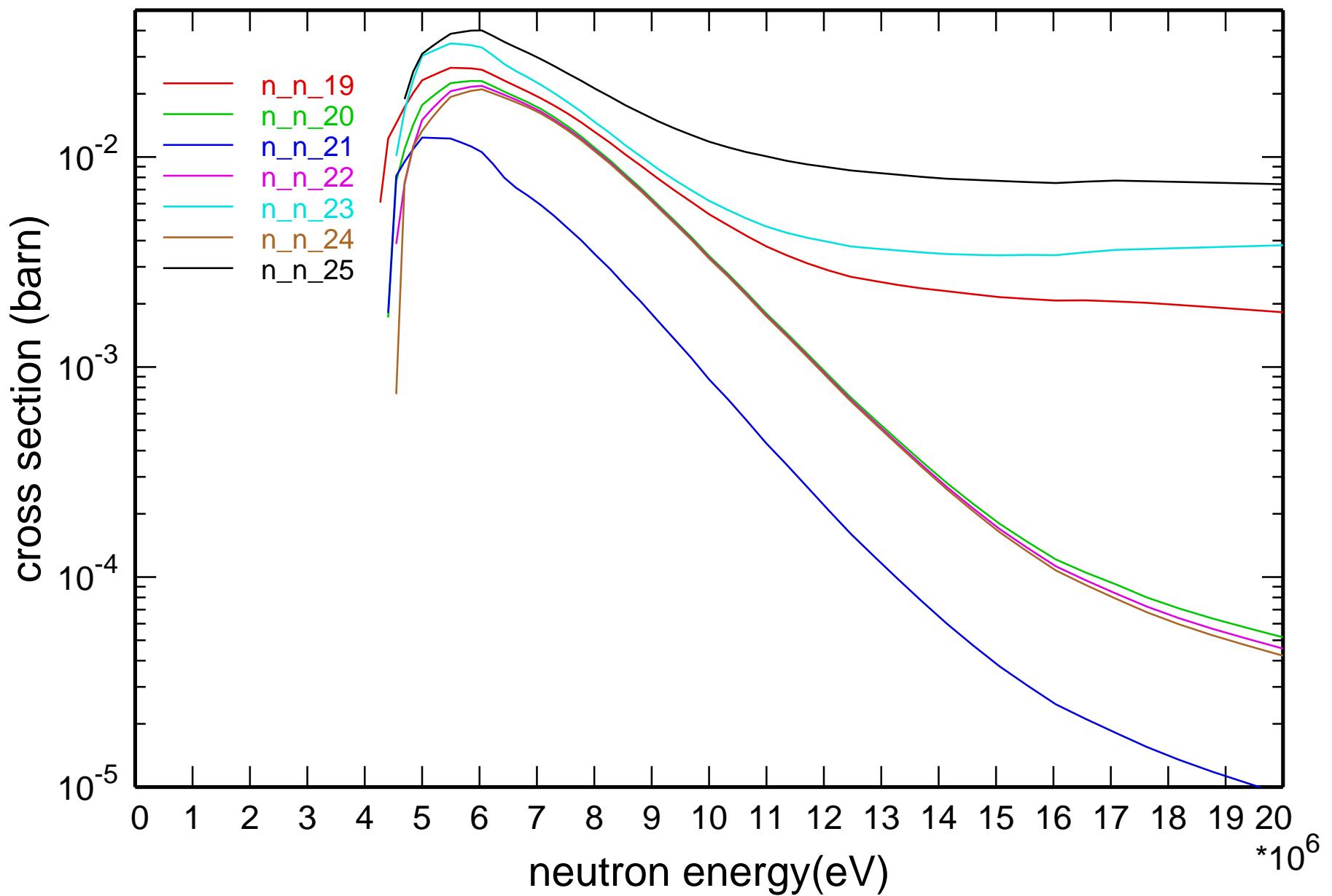


# Cross Section

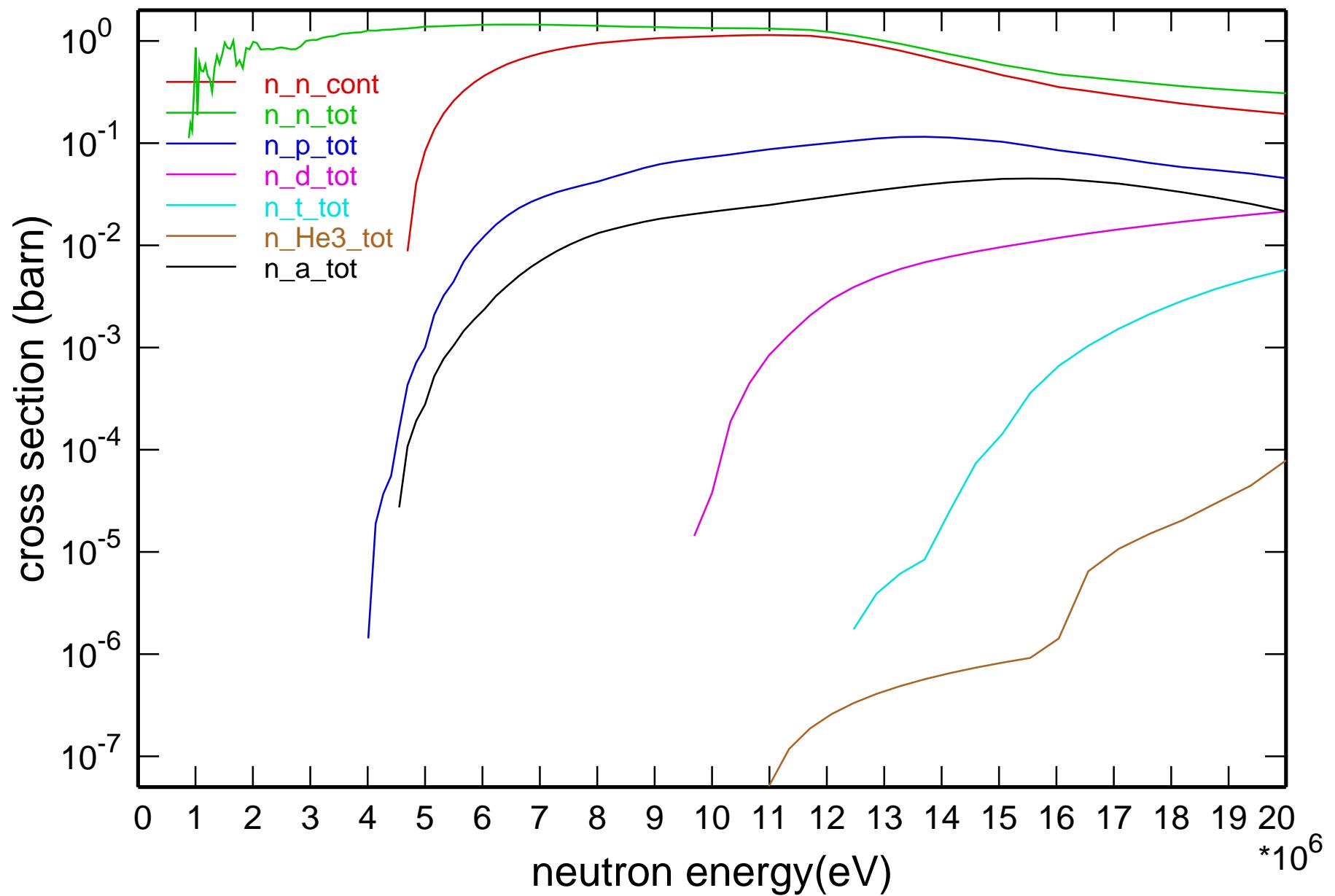


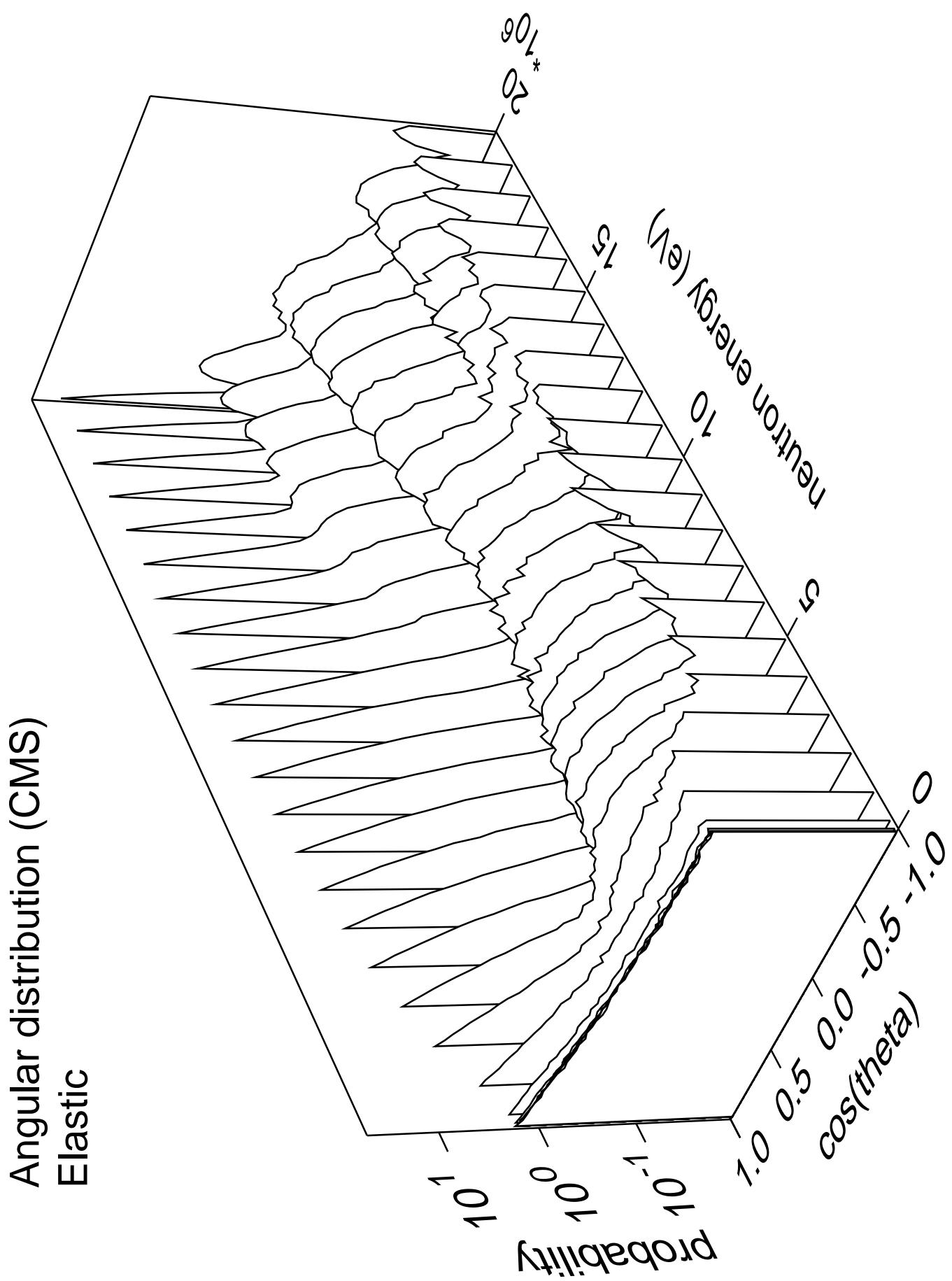


# Cross Section

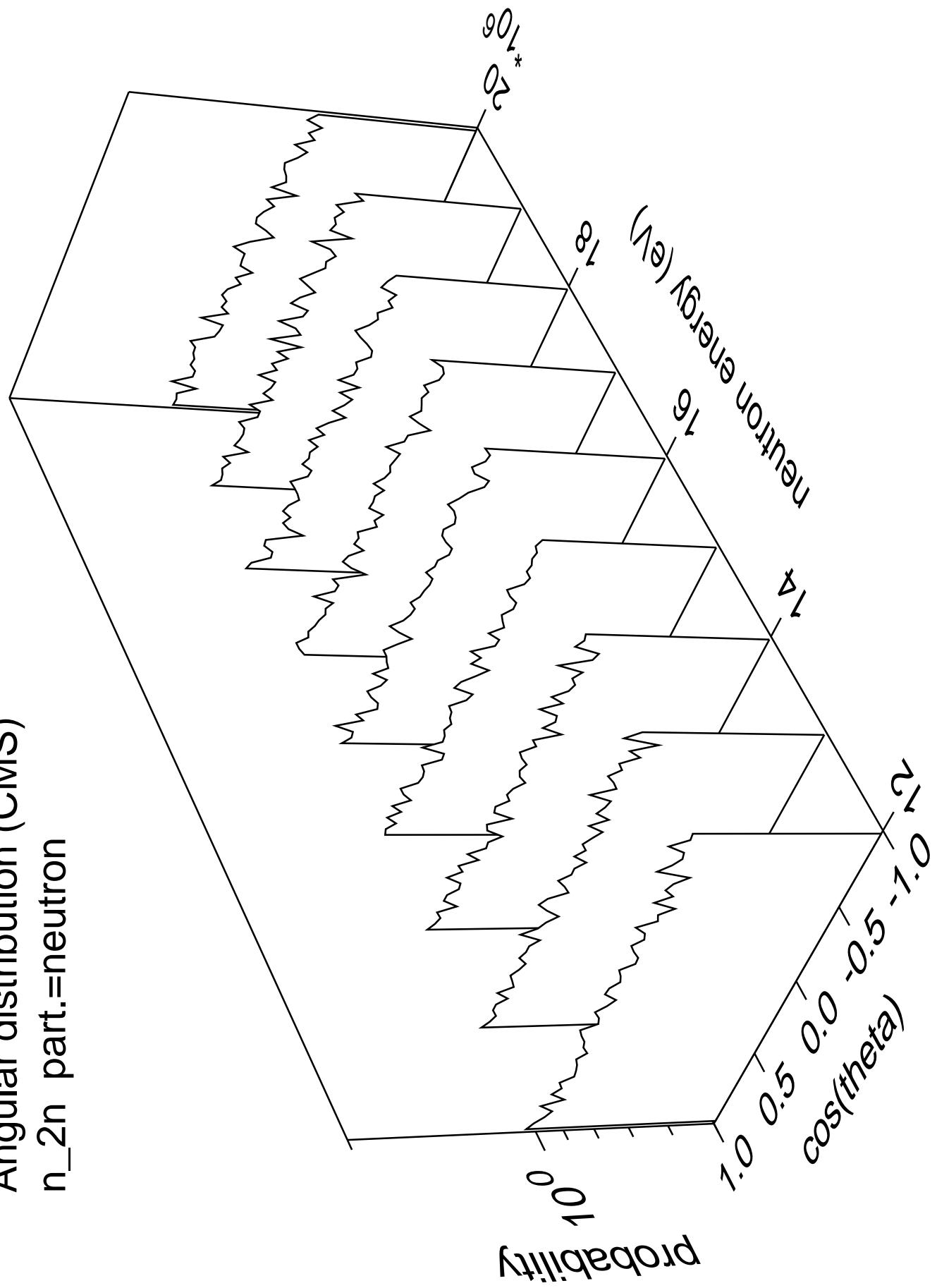


# Cross Section

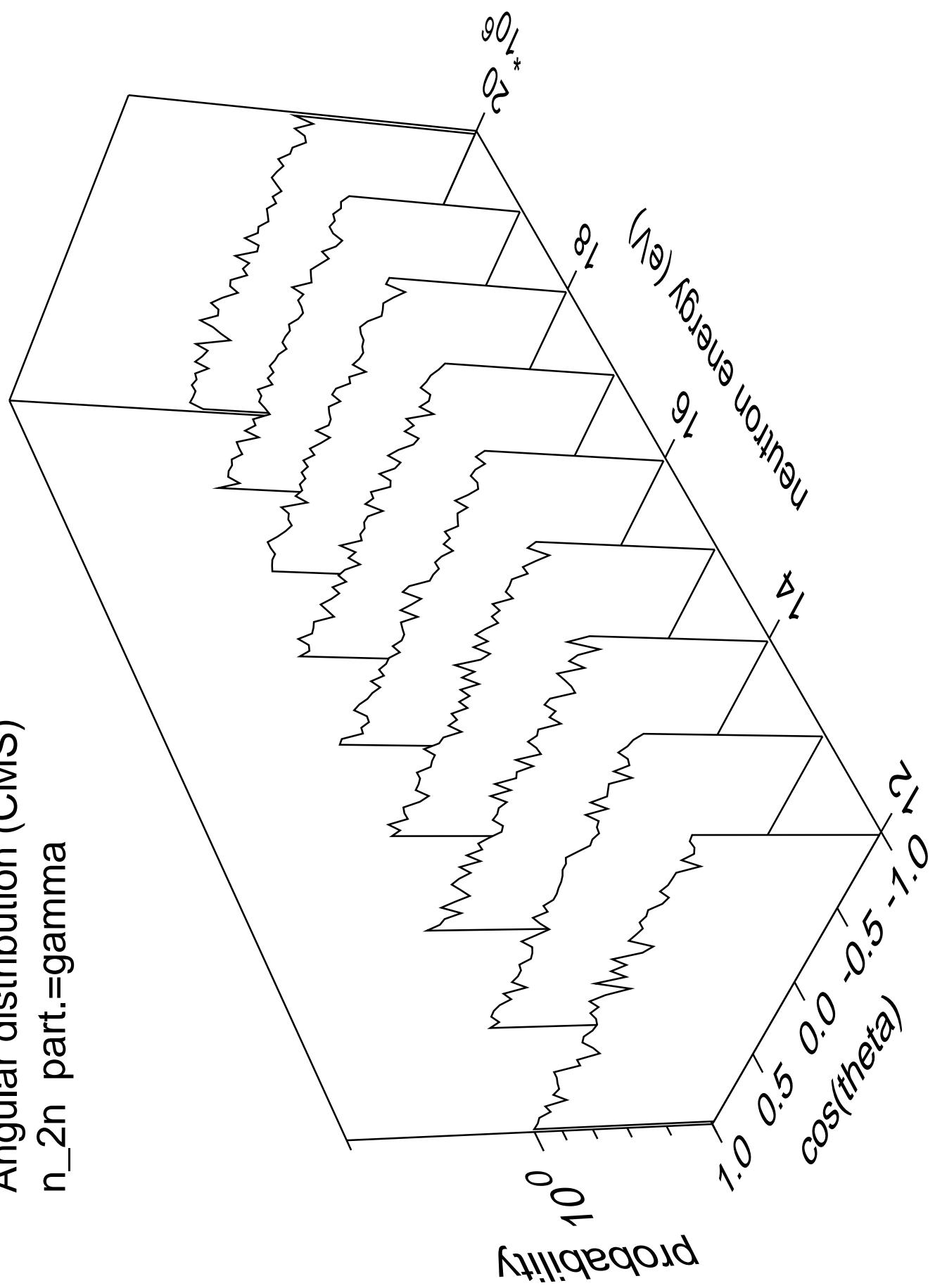




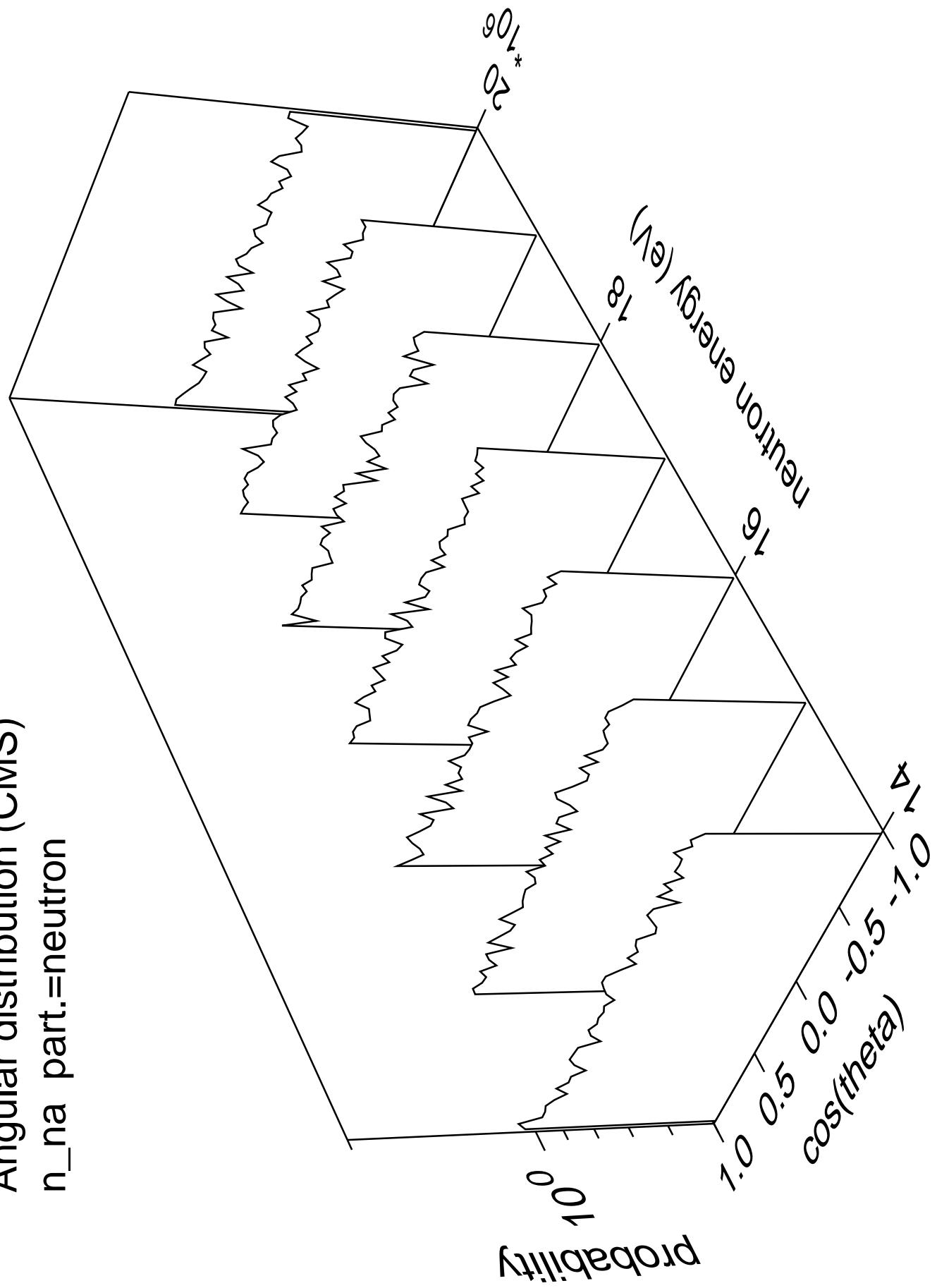
Angular distribution (CMS)  
 $n_{2n}$  part.=neutron



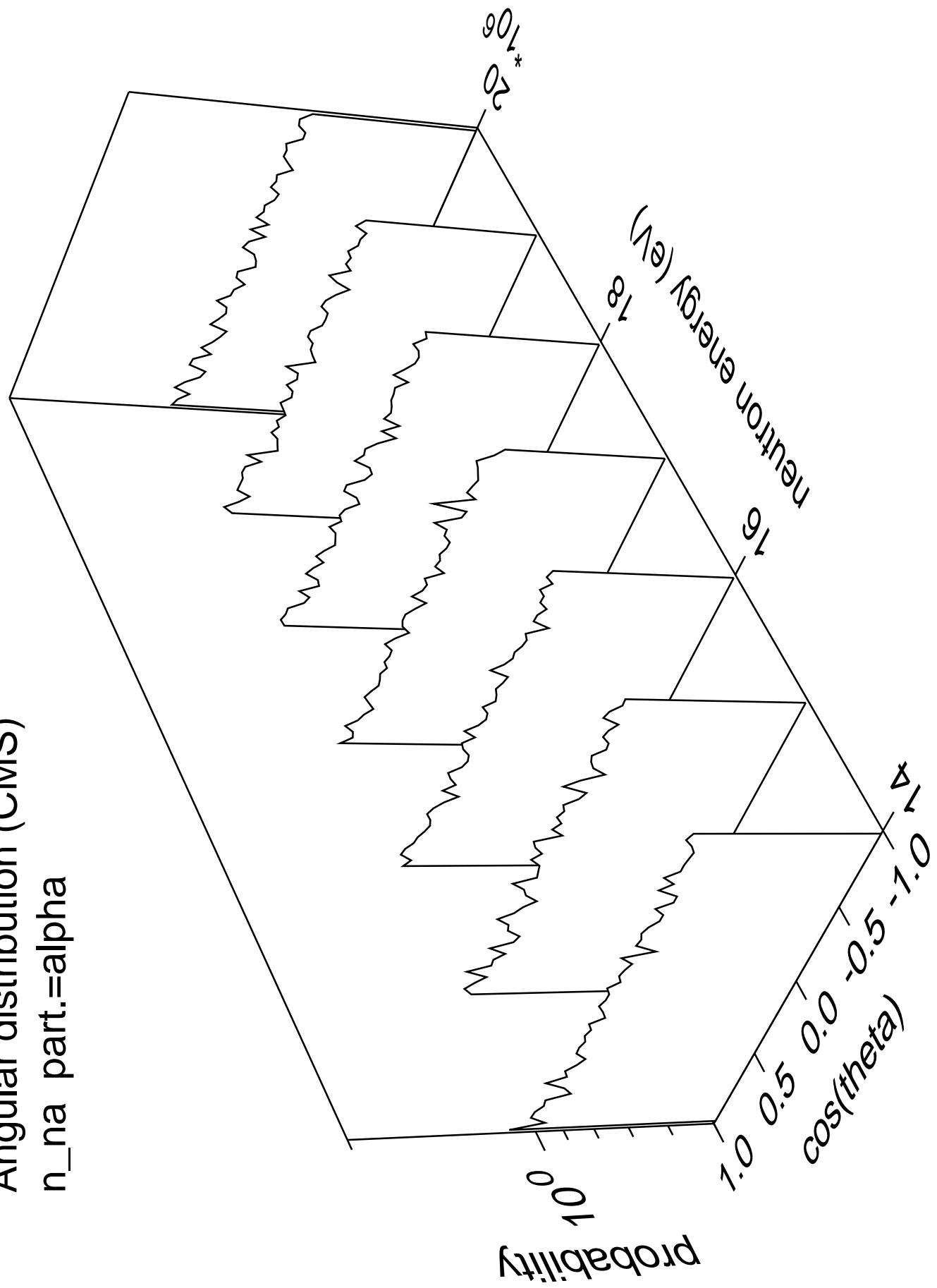
Angular distribution (CMS)  
 $n_{2n}$  part.=gamma



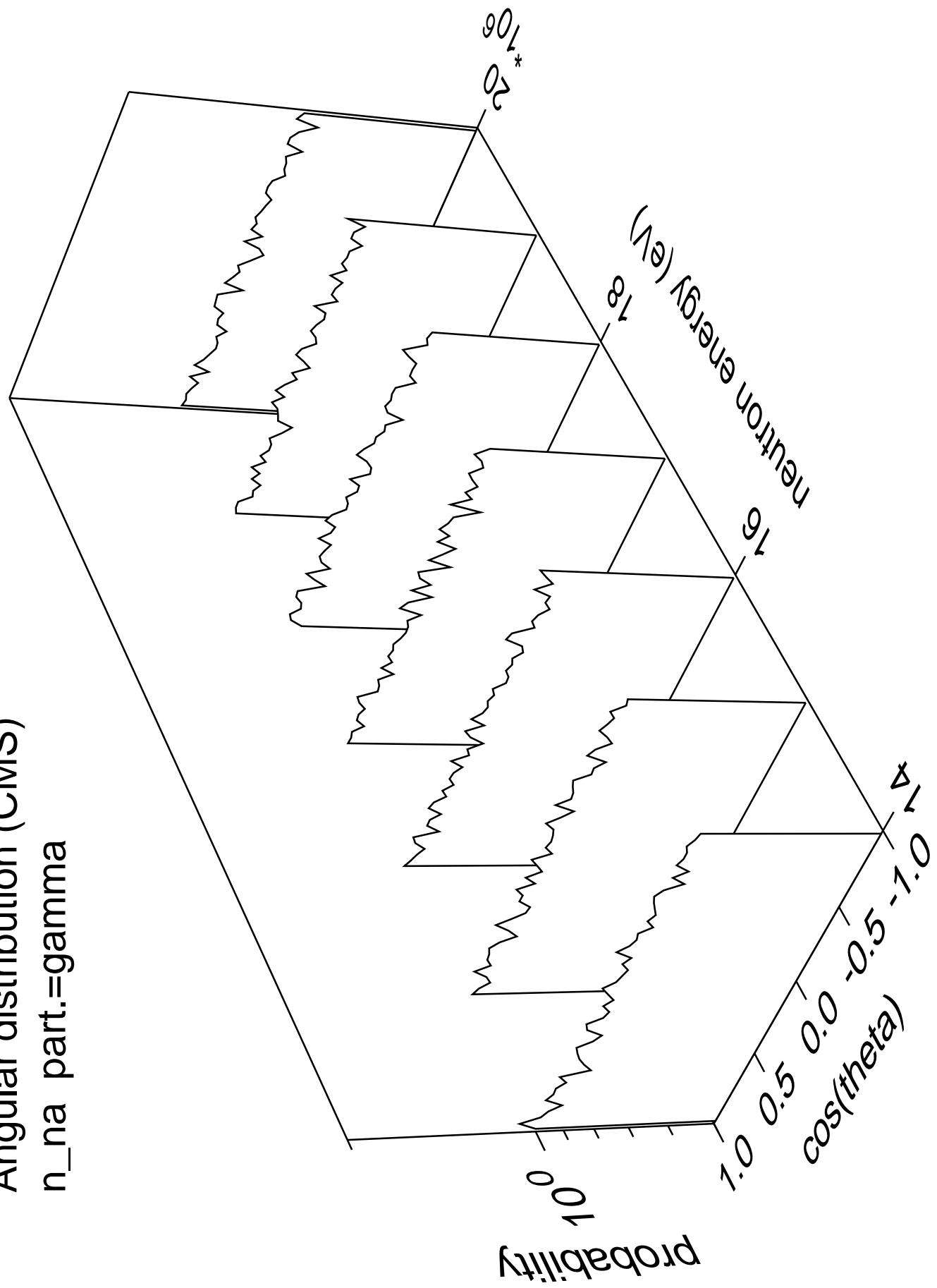
Angular distribution (CMS)  
 $n_{\text{na}}$  part.=neutron



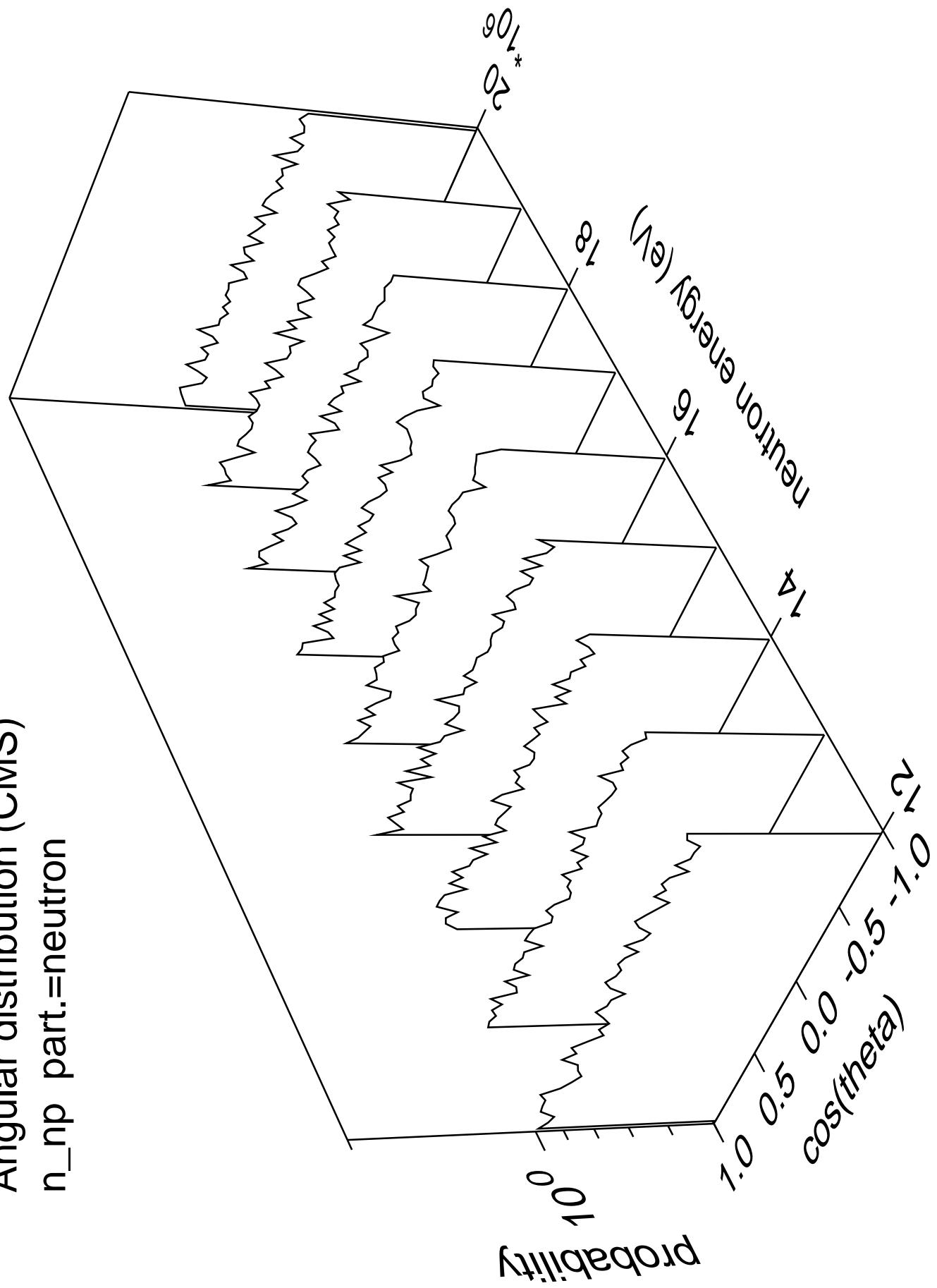
Angular distribution (CMS)  
 $n_{\text{na}}$  part.=alpha



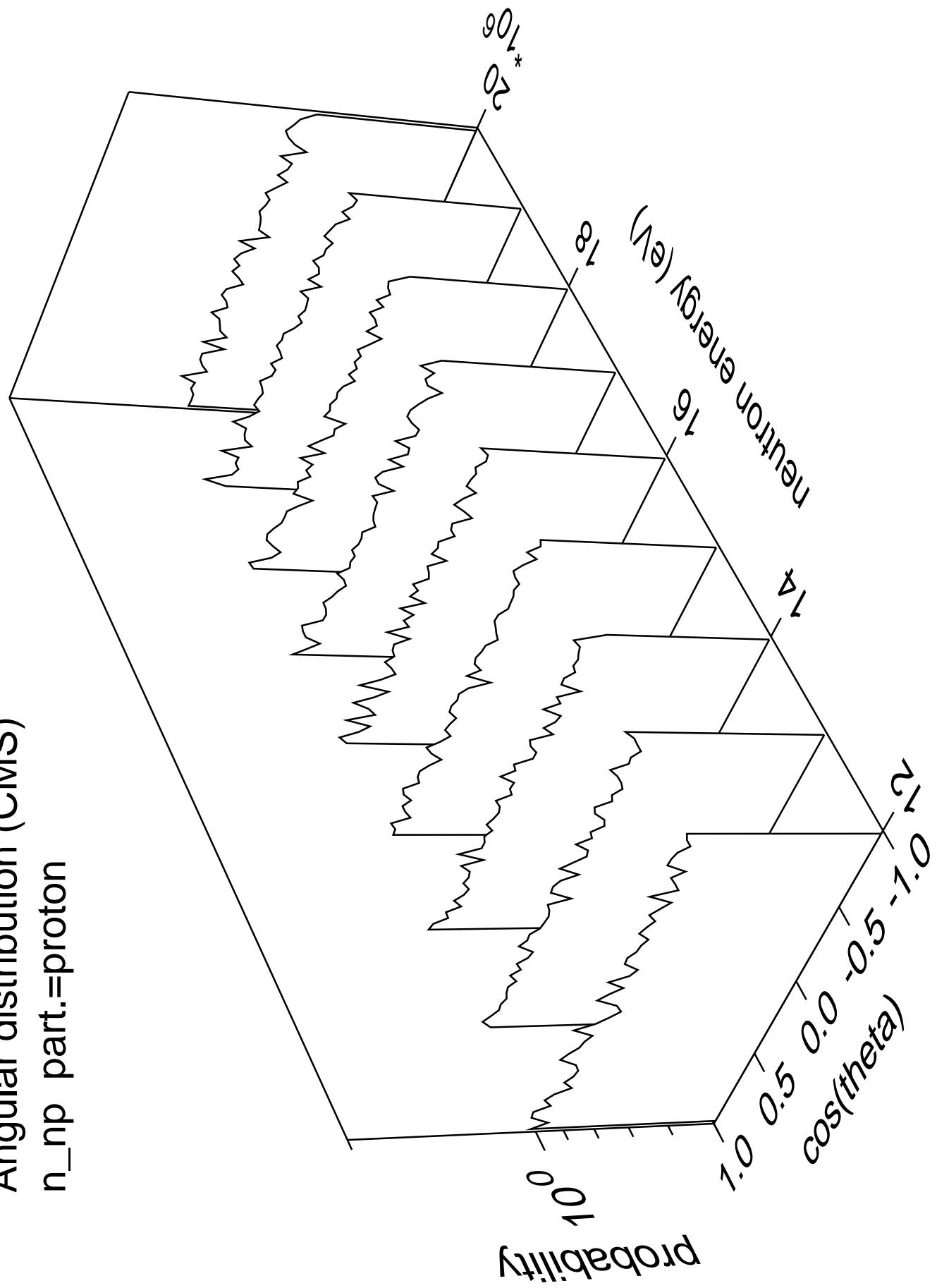
Angular distribution (CMS)  
 $n_{\text{na}}$  part.=gamma



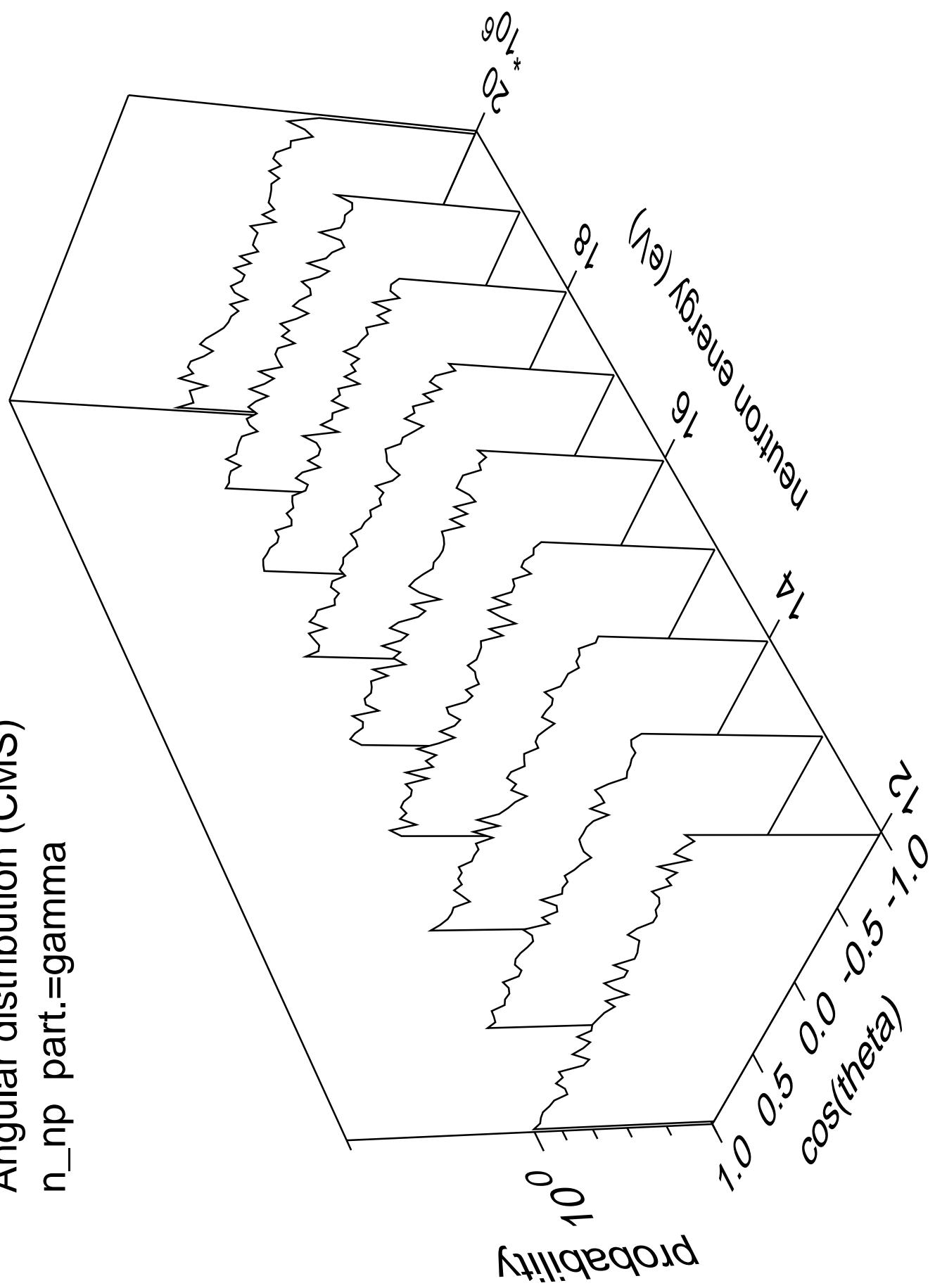
Angular distribution (CMS)  
 $n_{np}$  part.=neutron

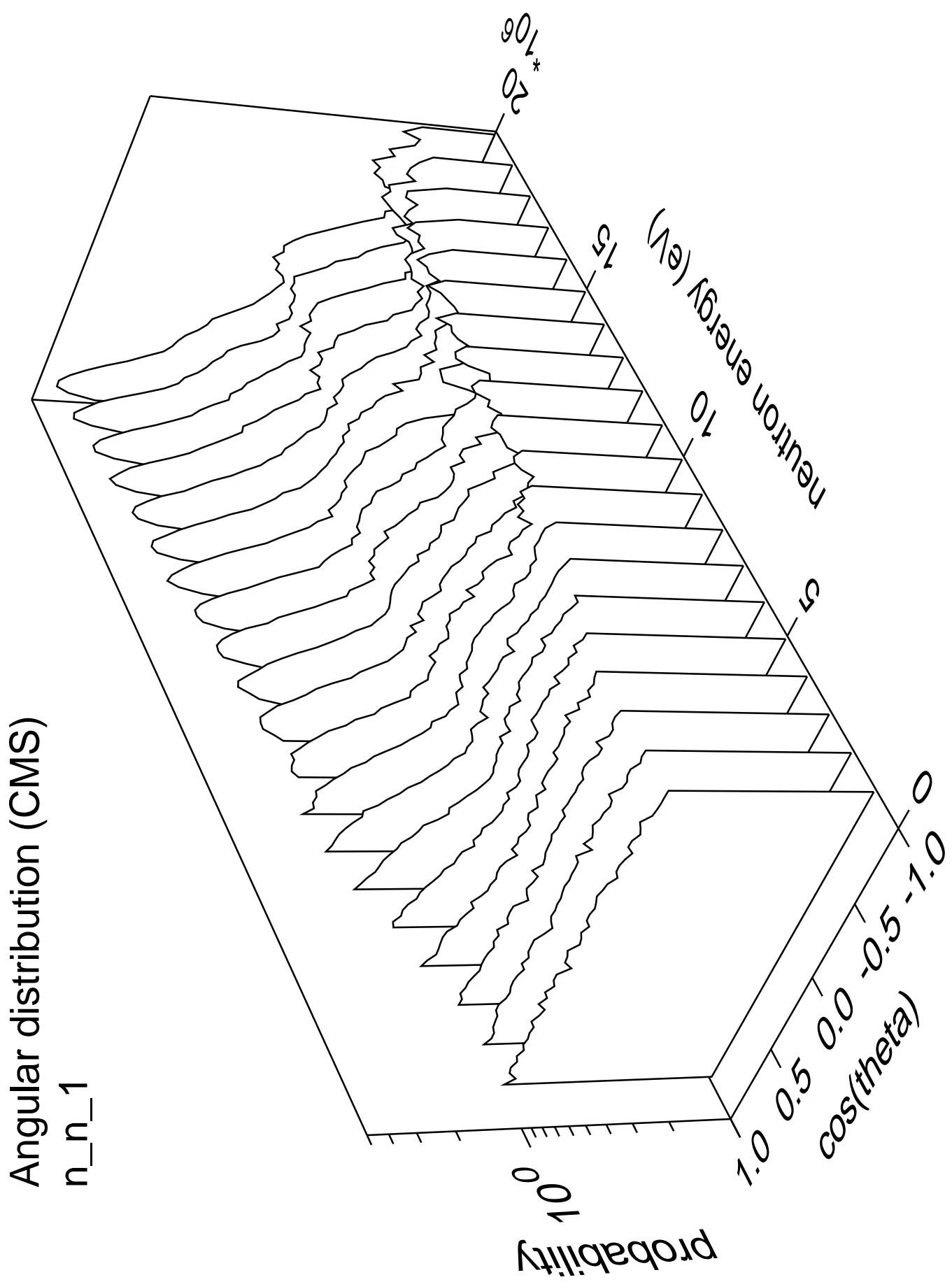


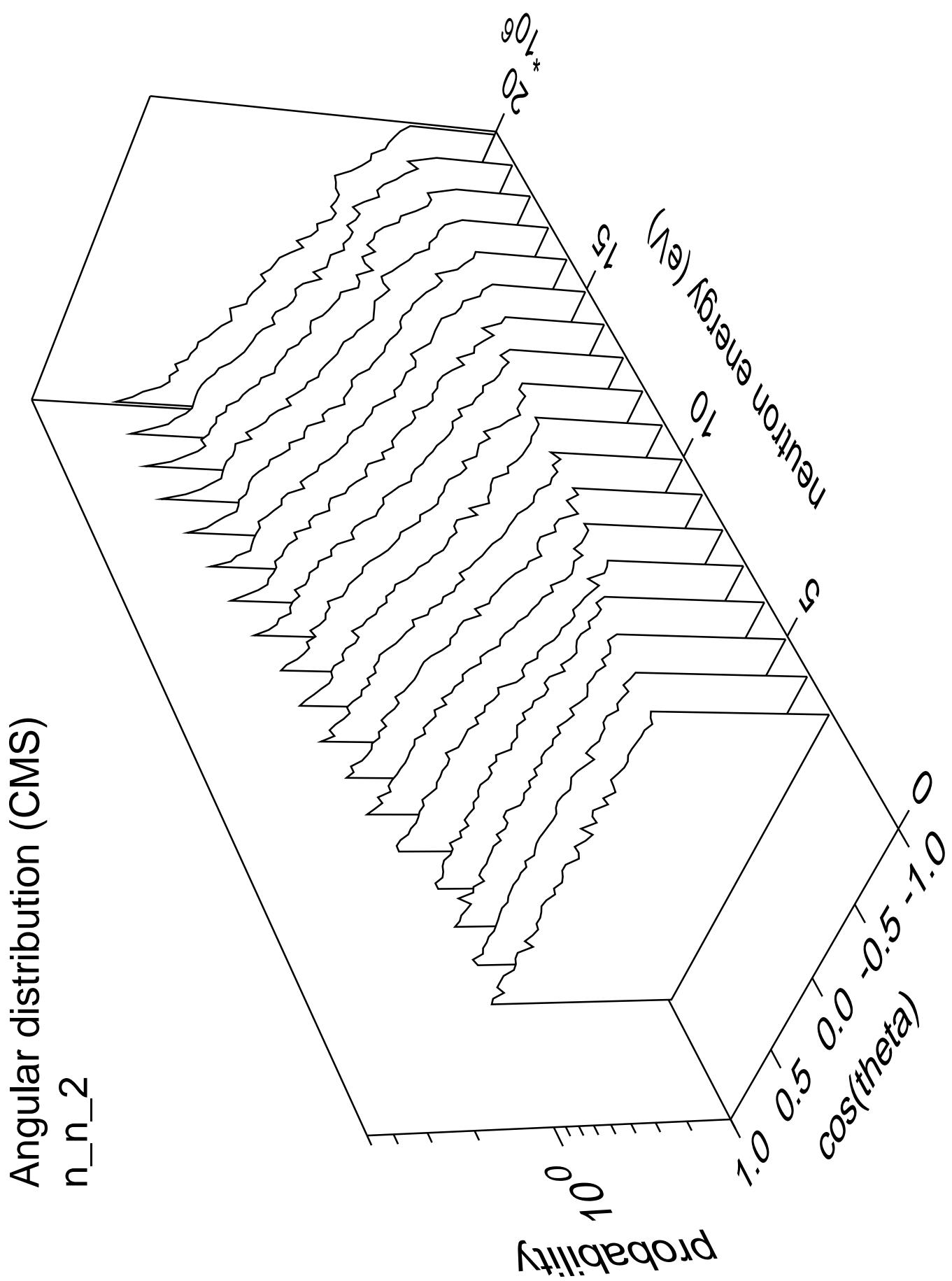
Angular distribution (CMS)  
 $n_{np}$  part.=proton

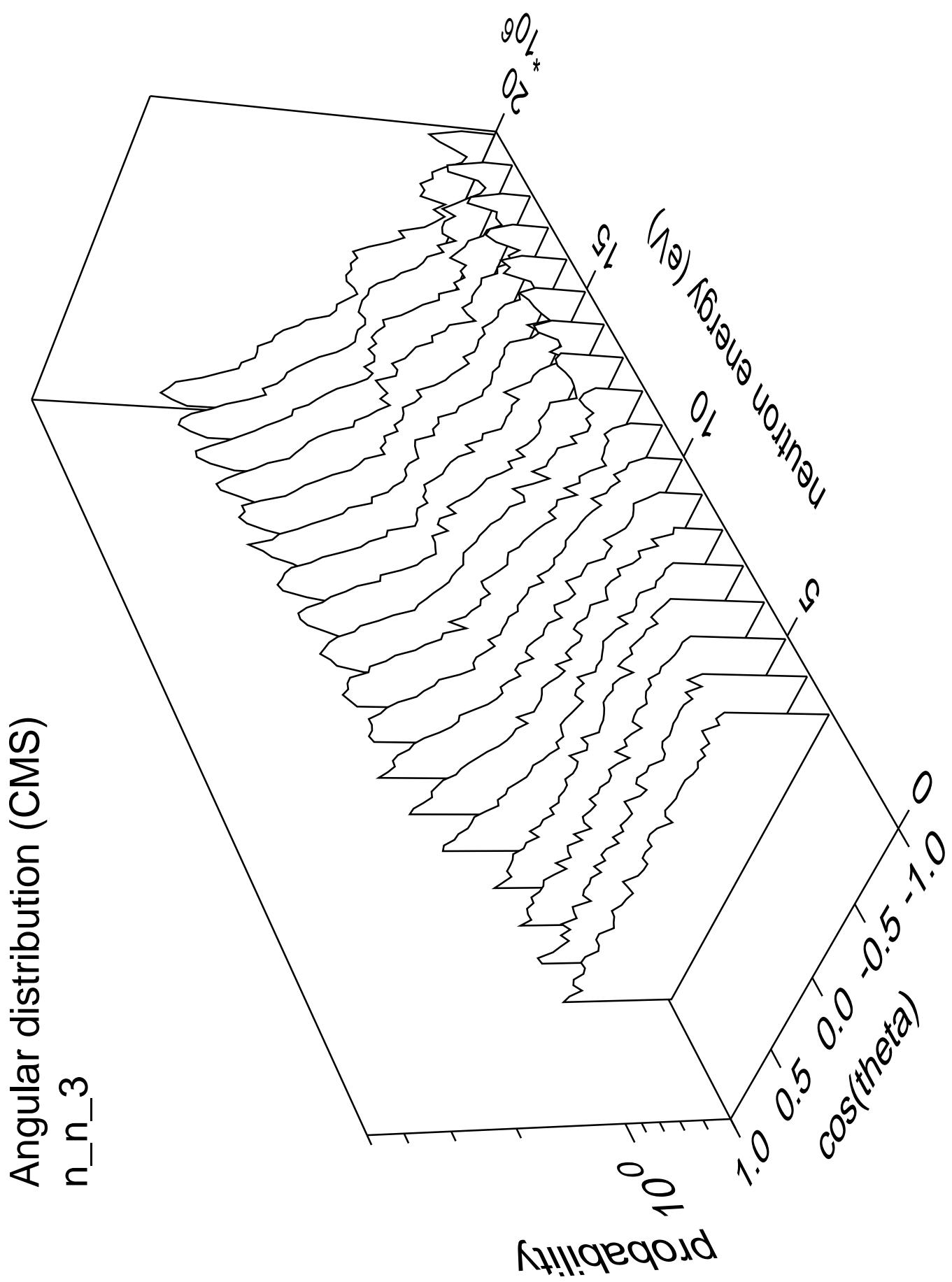


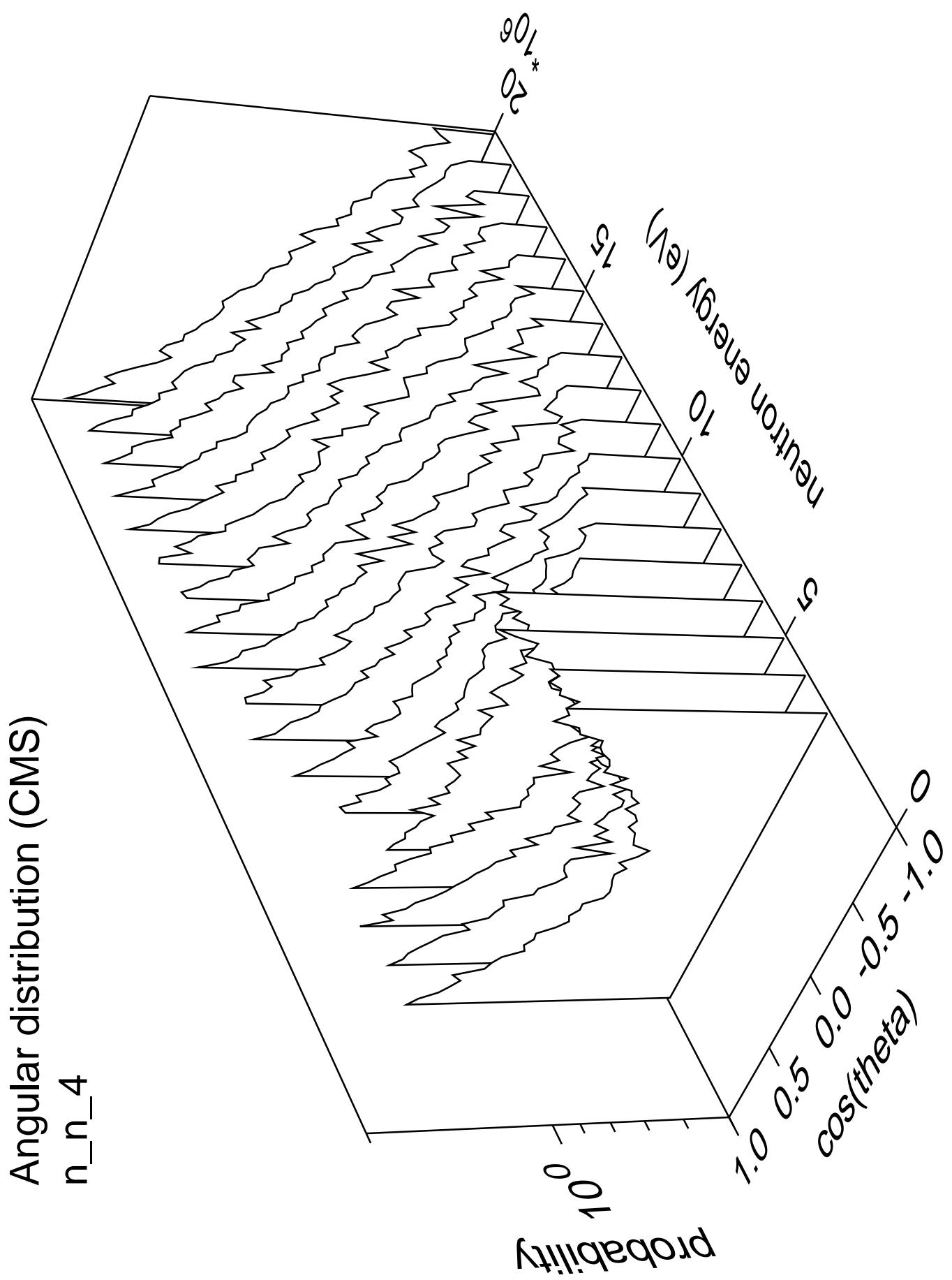
Angular distribution (CMS)  
 $n_{np}$  part.=gamma

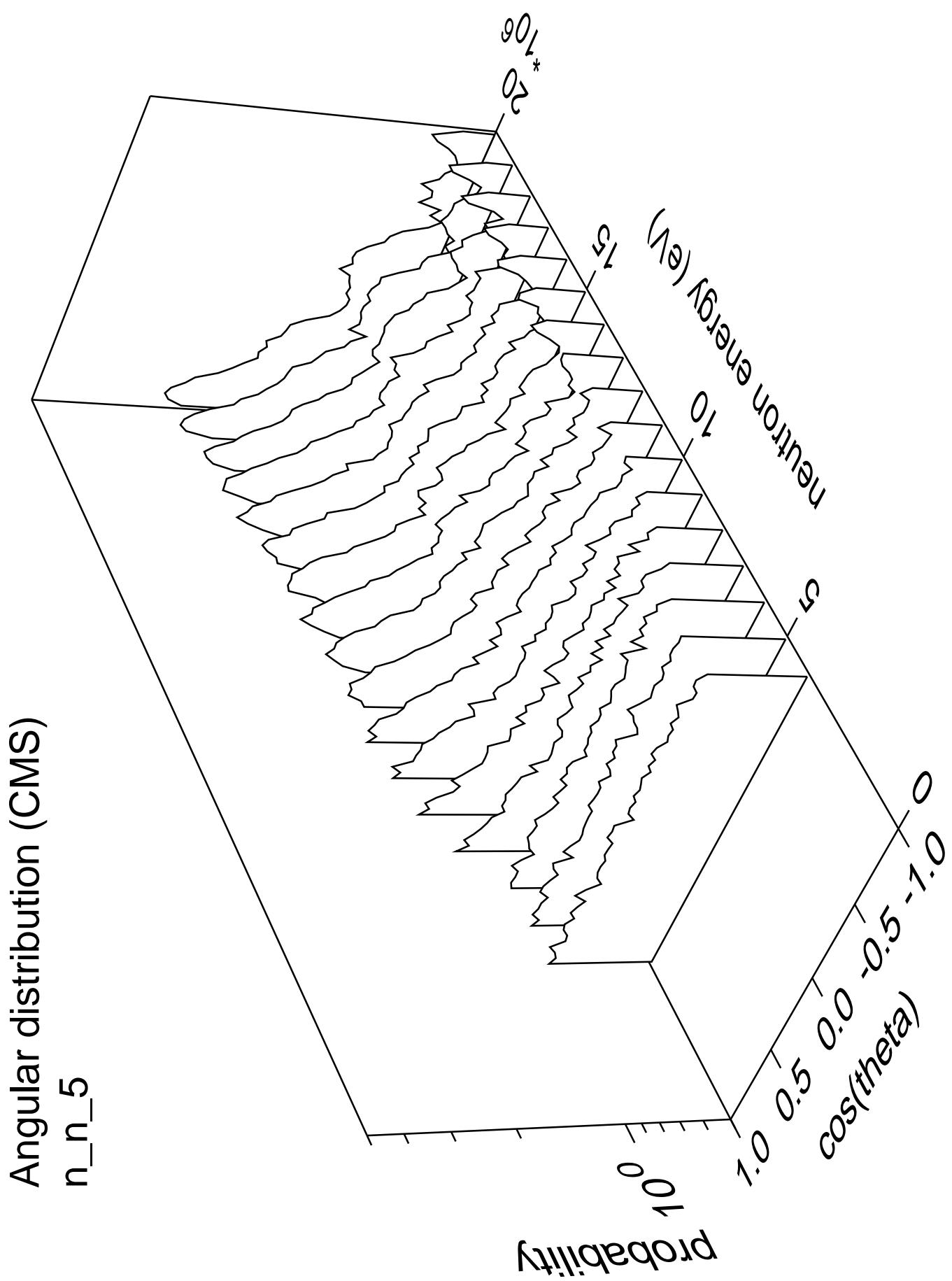


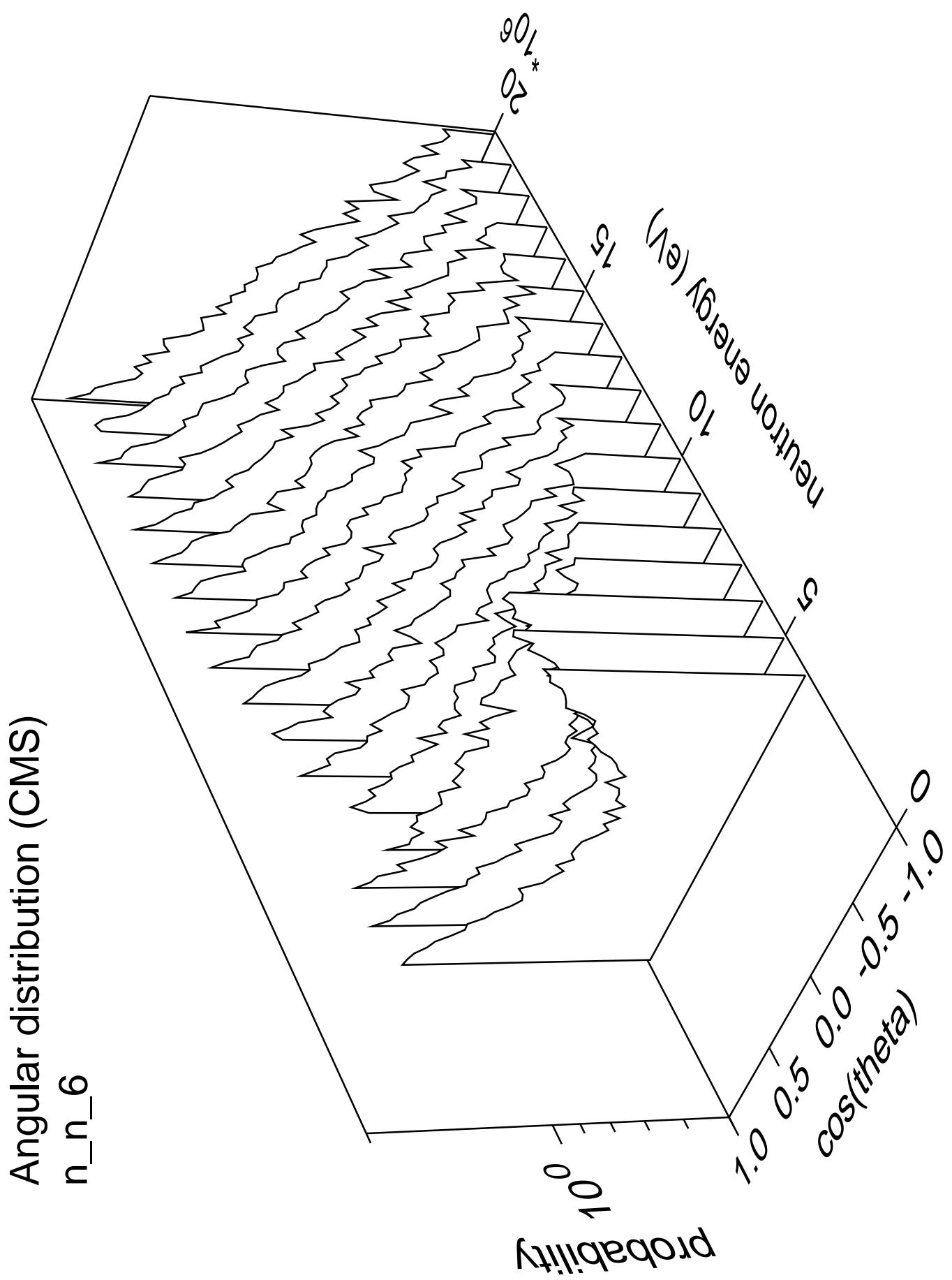


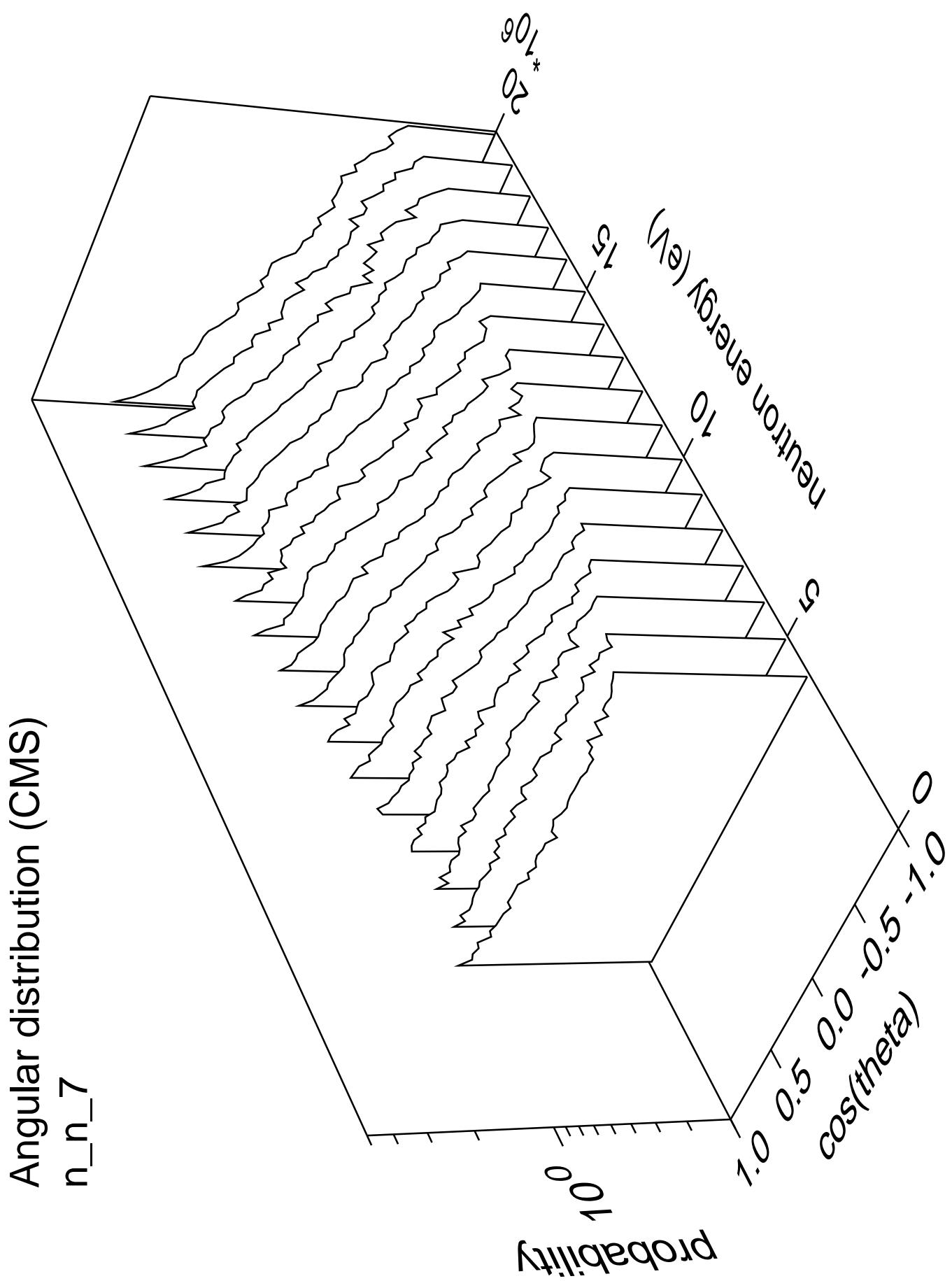


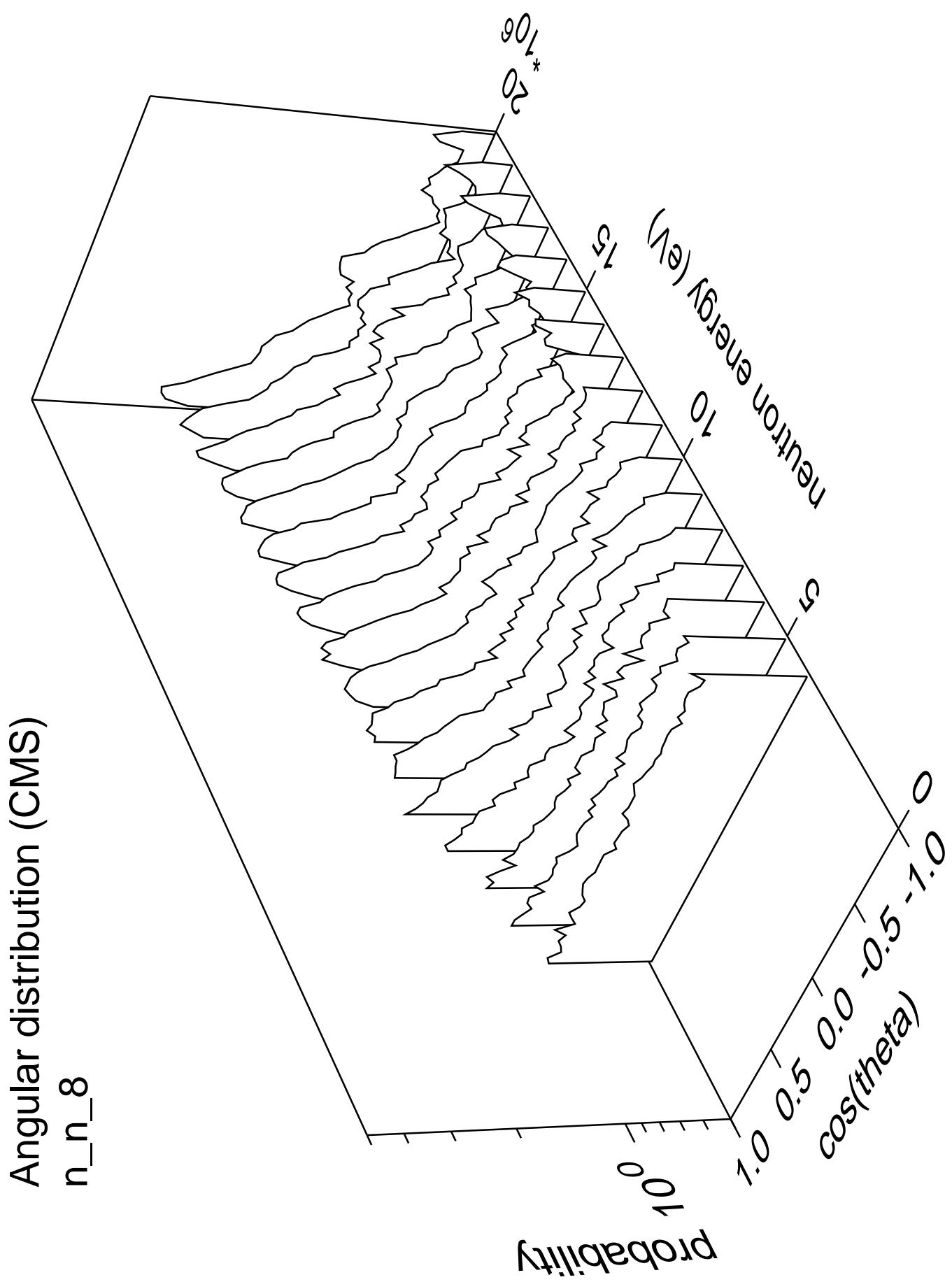


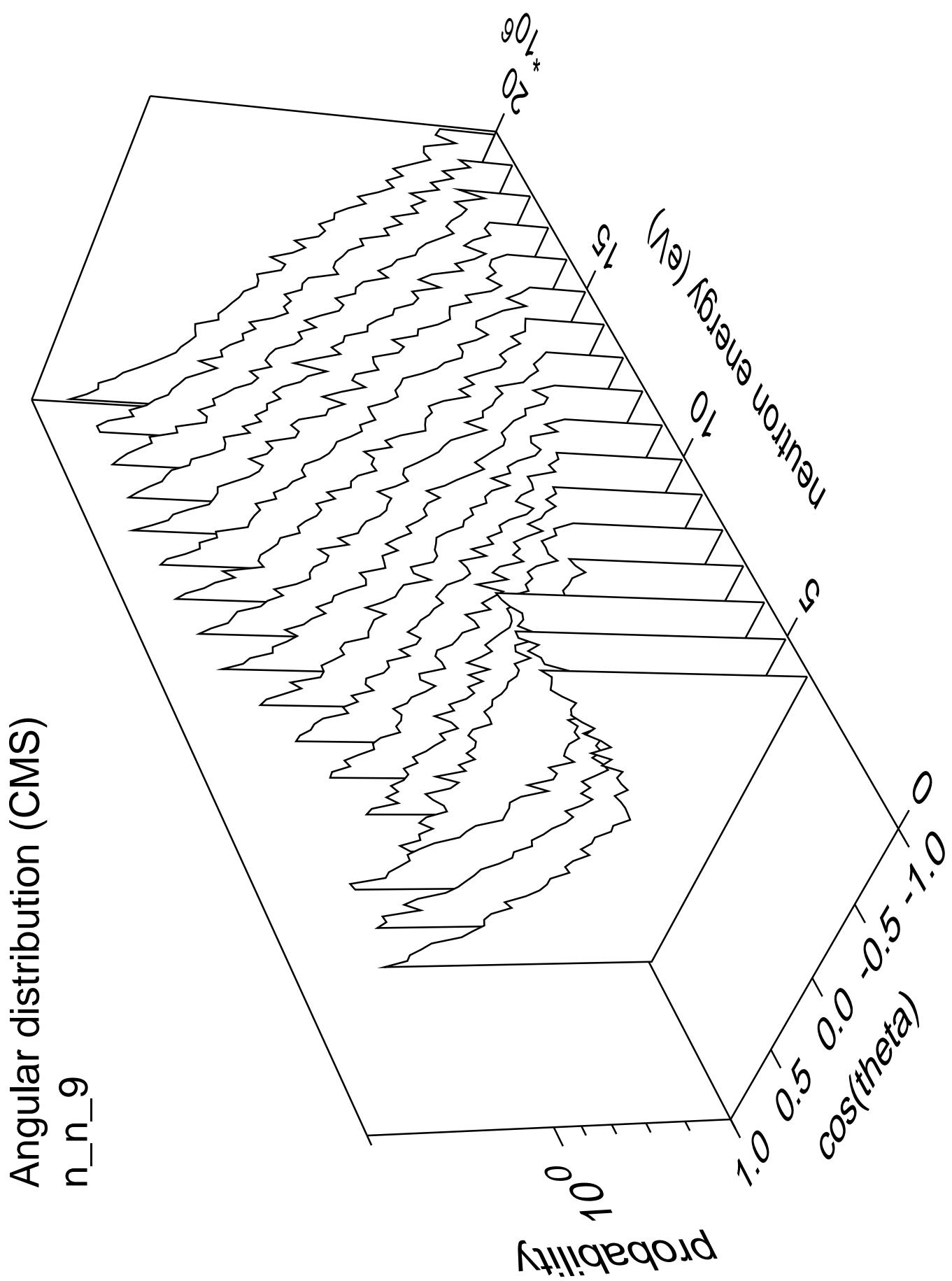


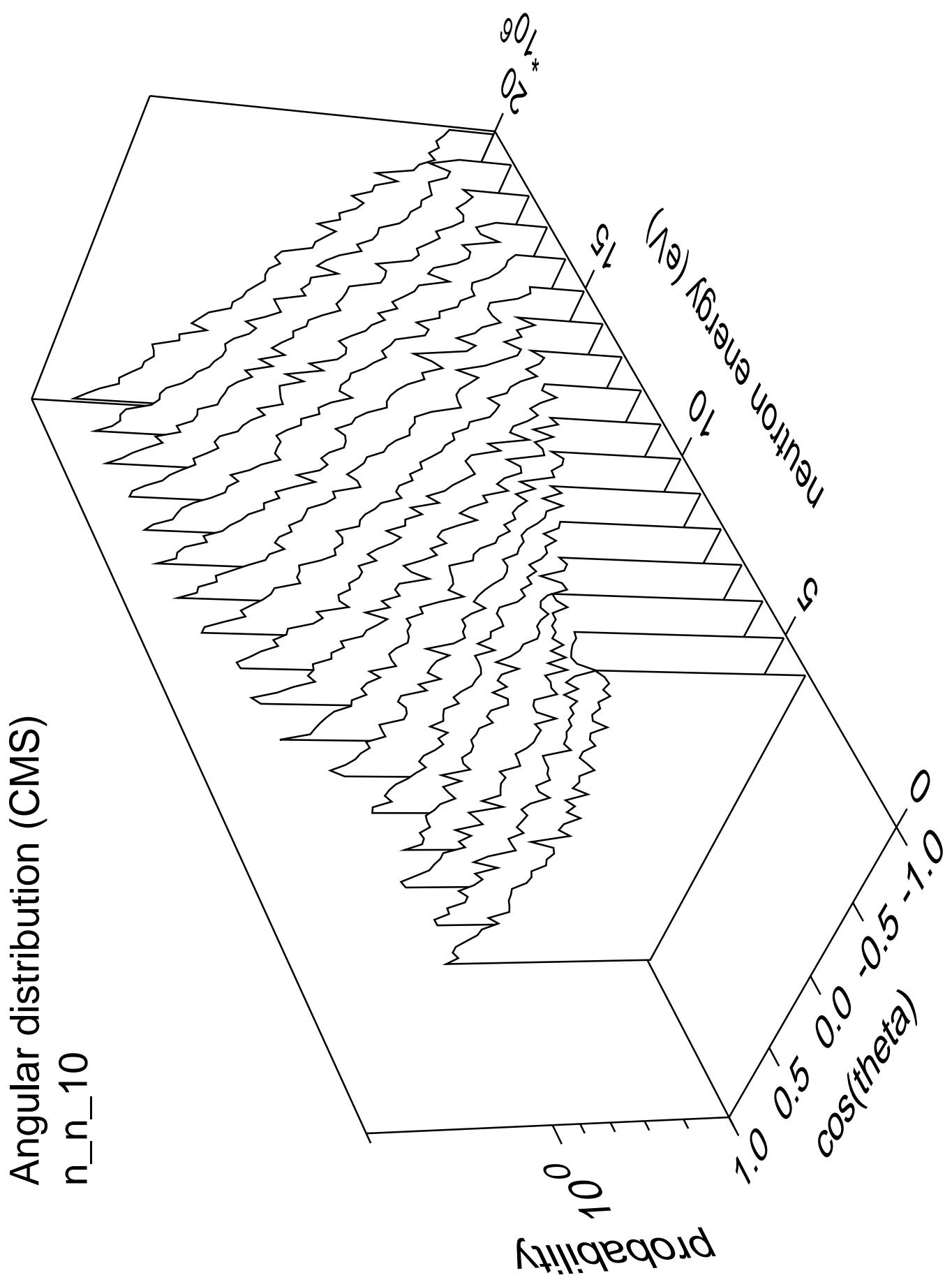


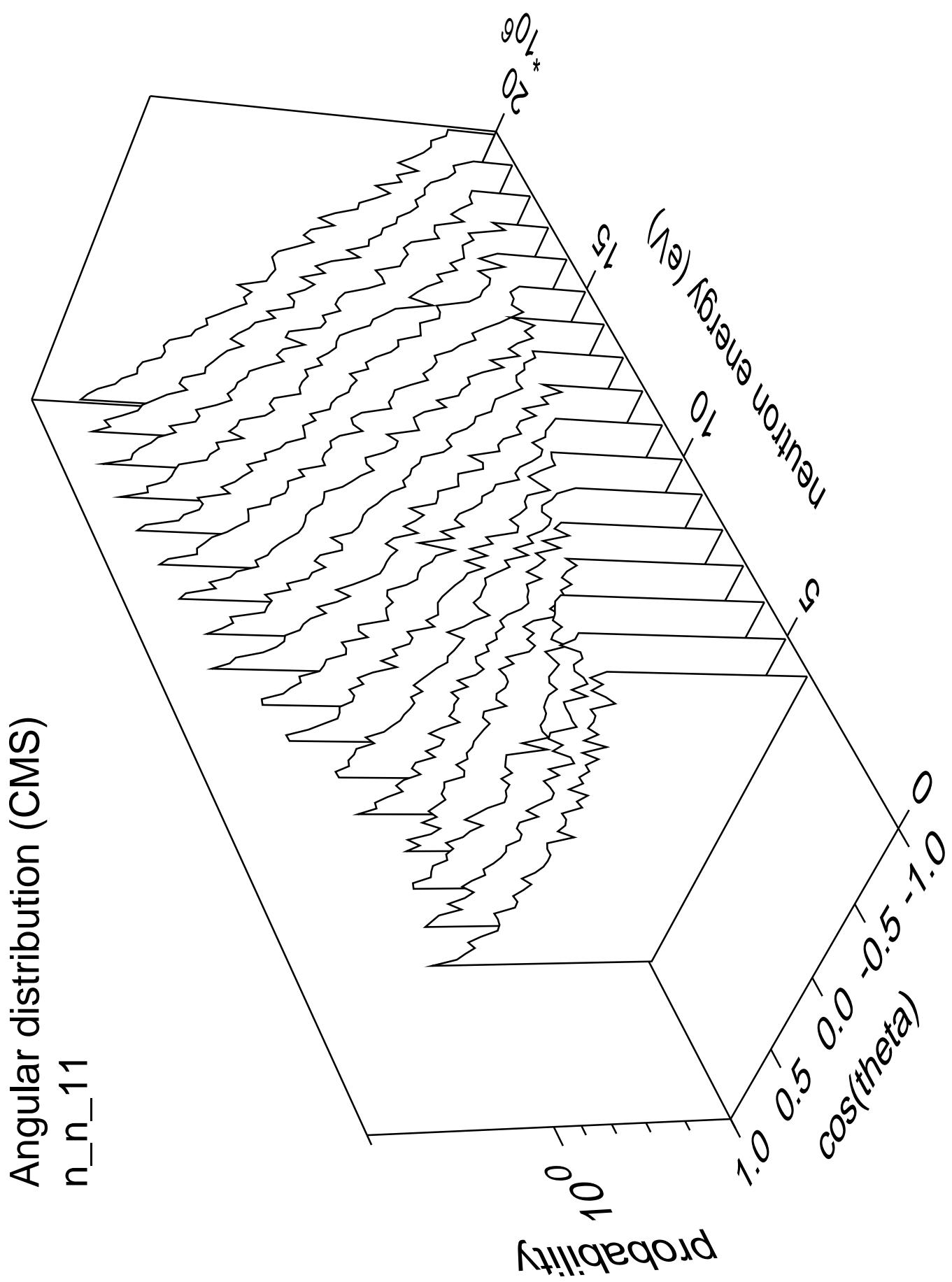


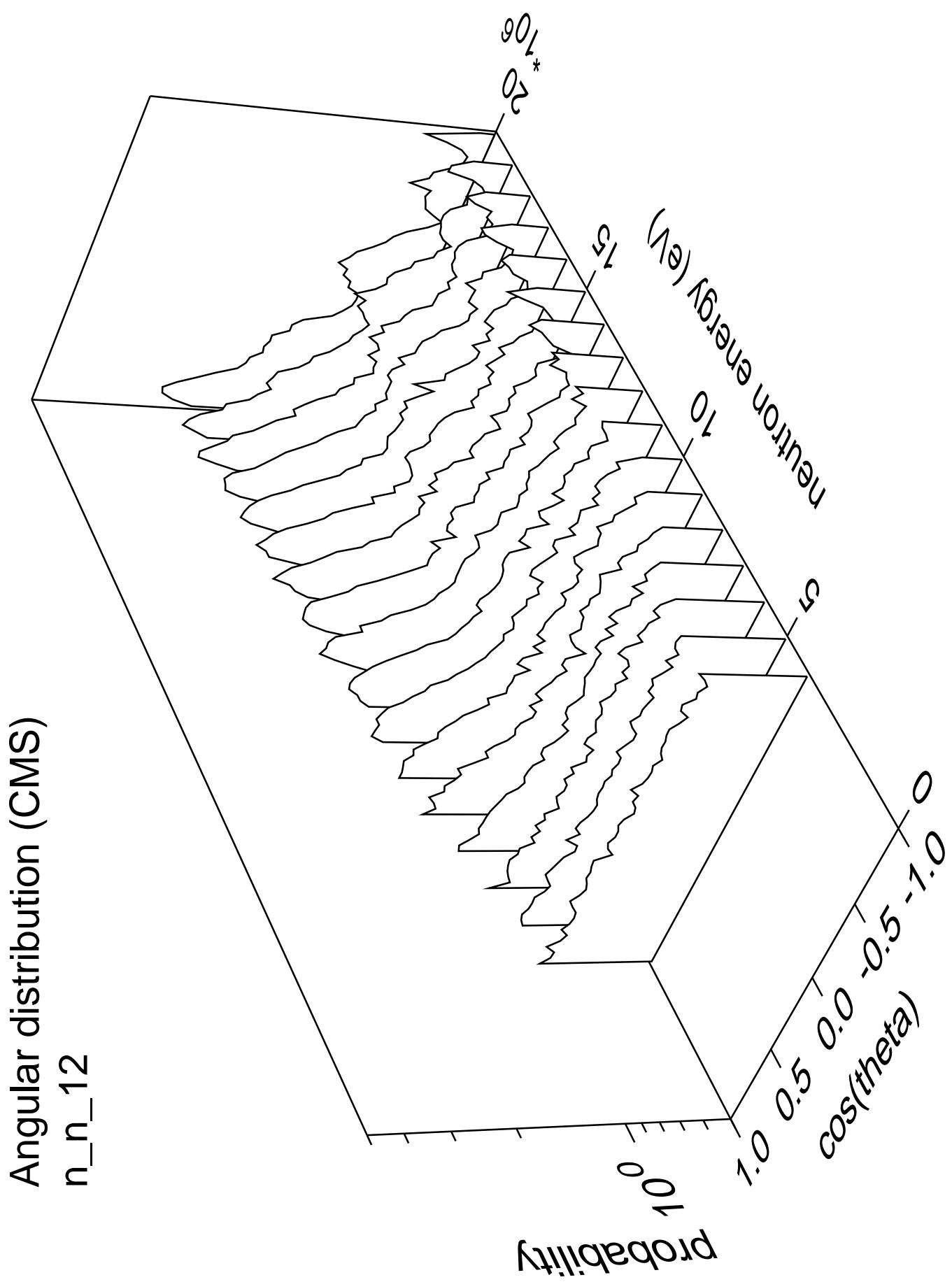


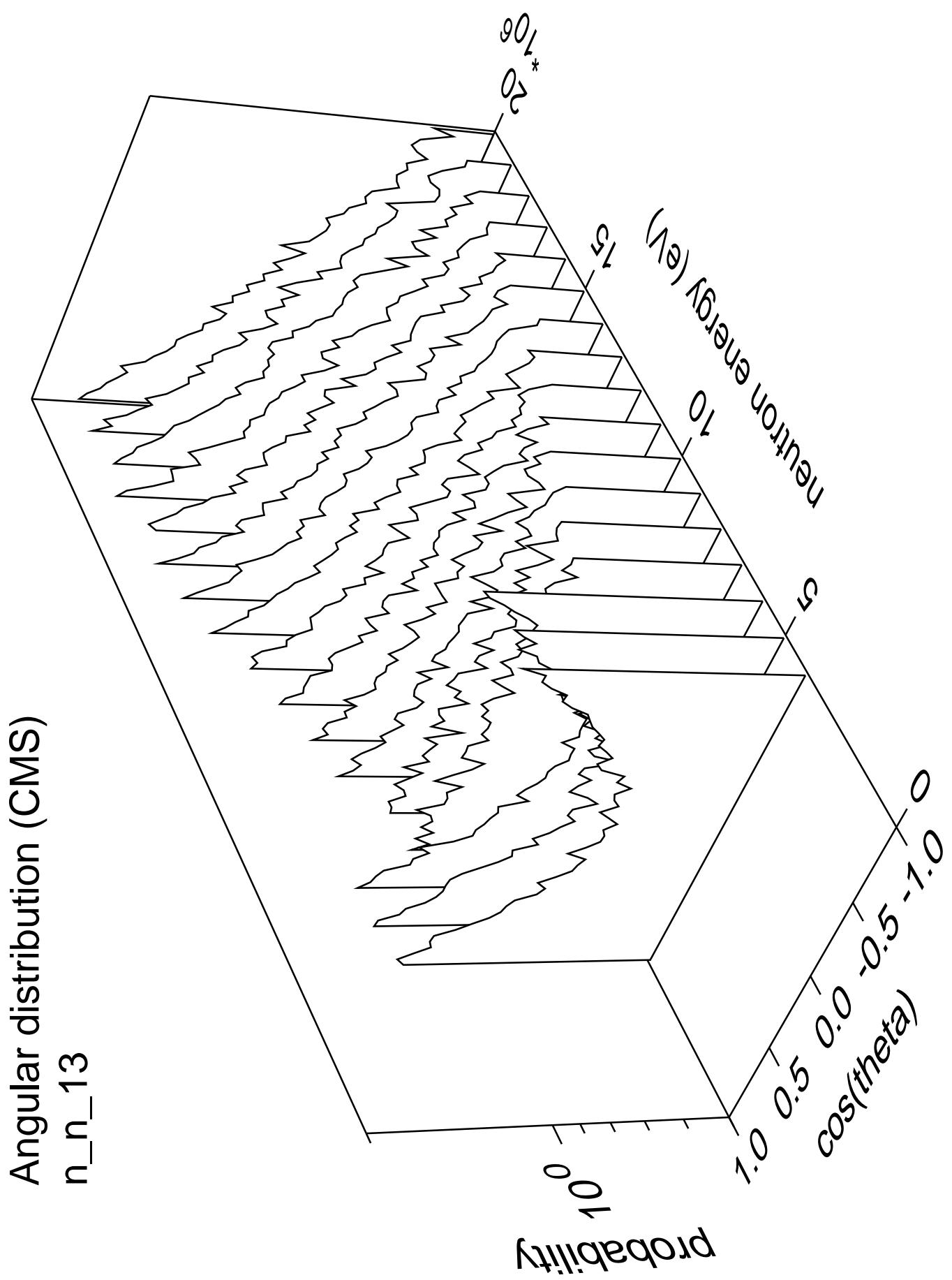


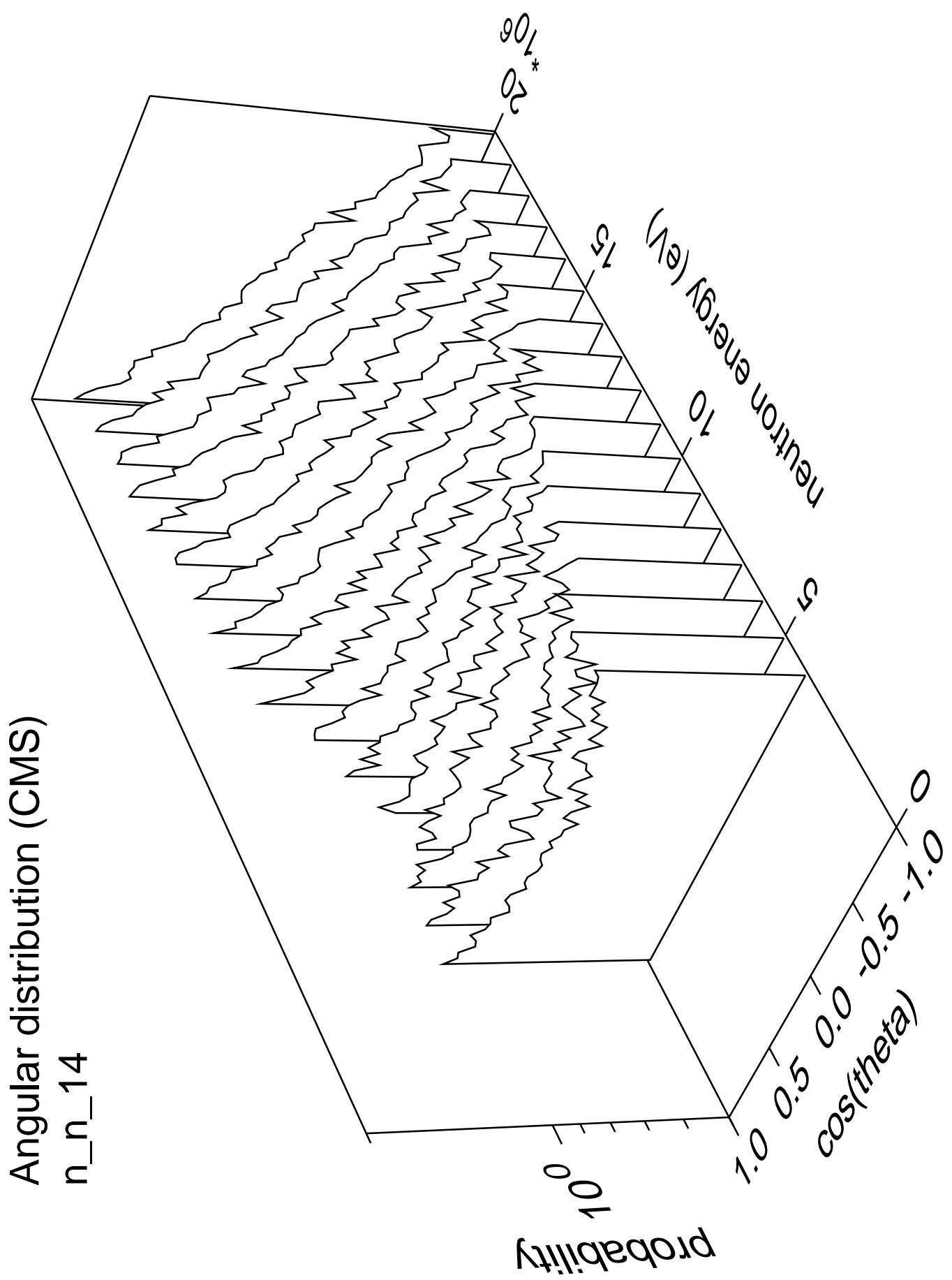


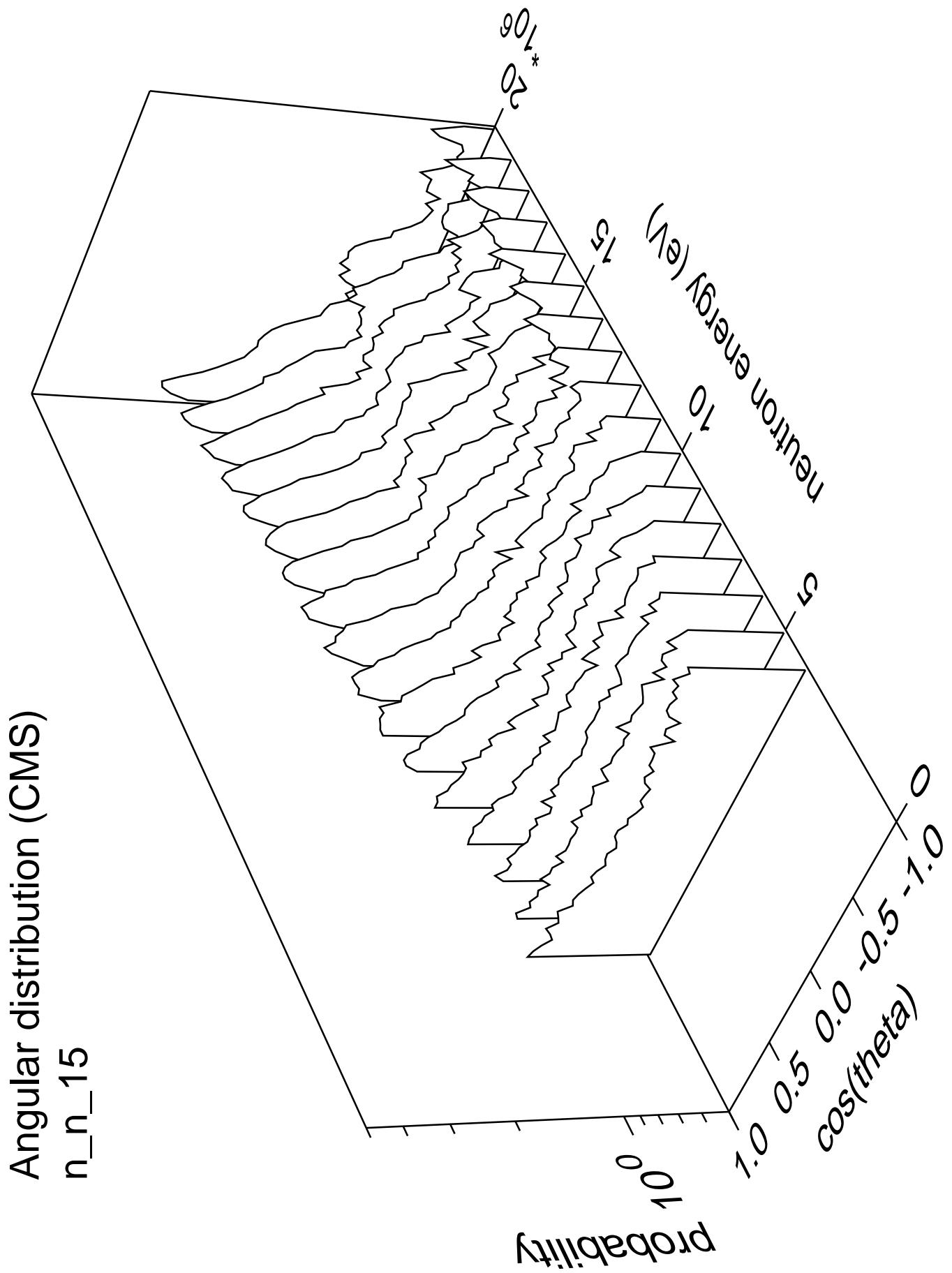


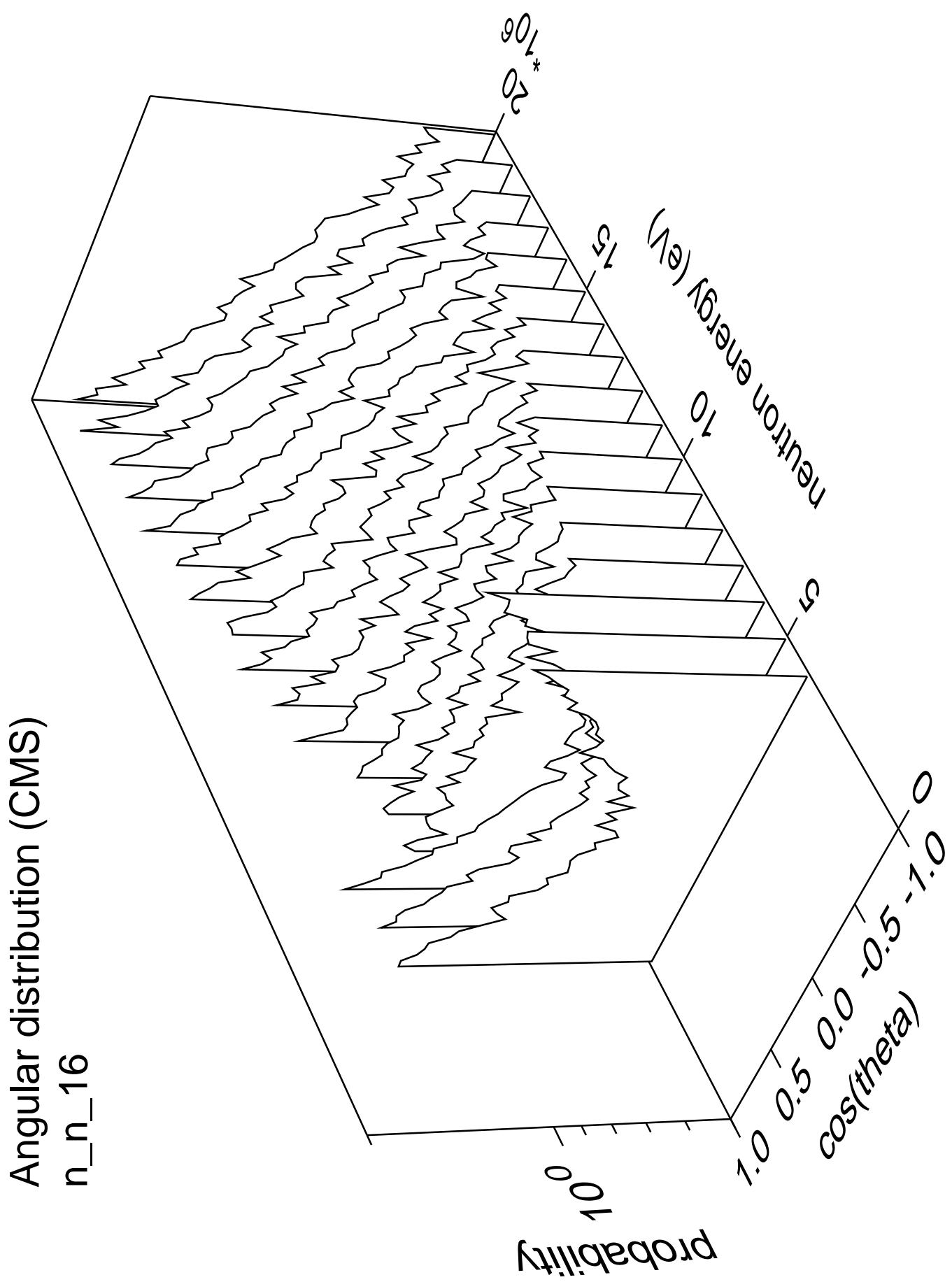


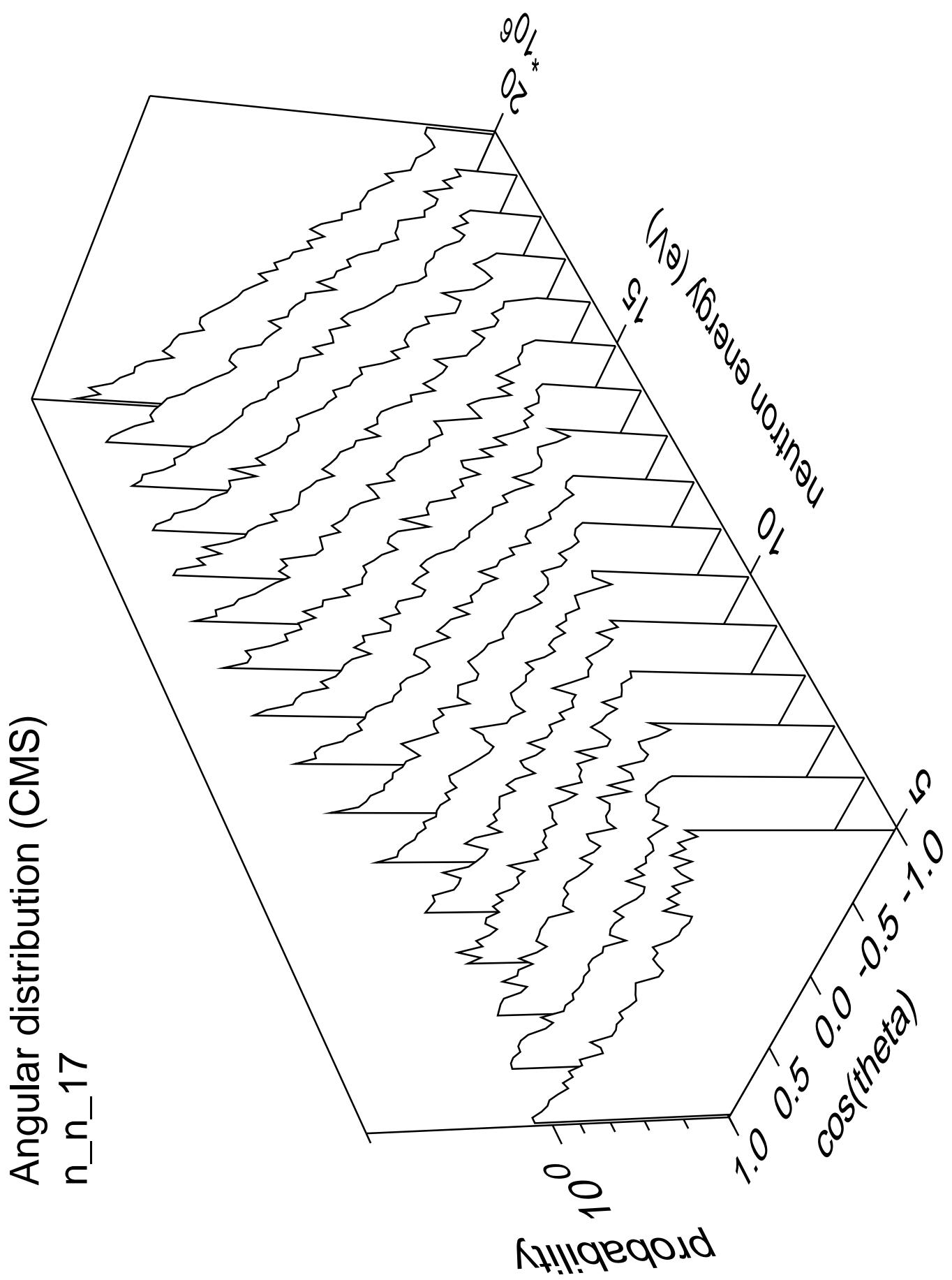


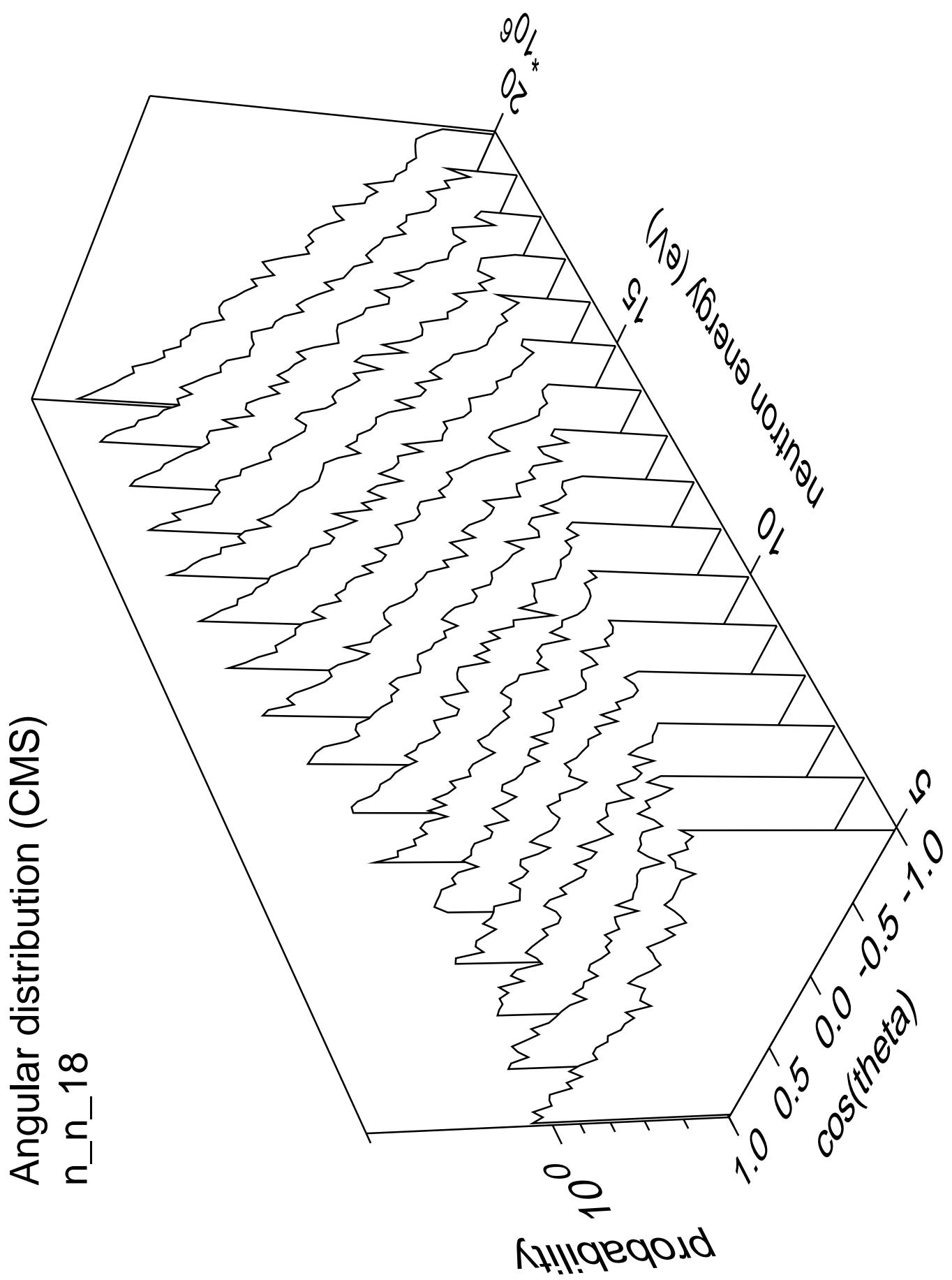


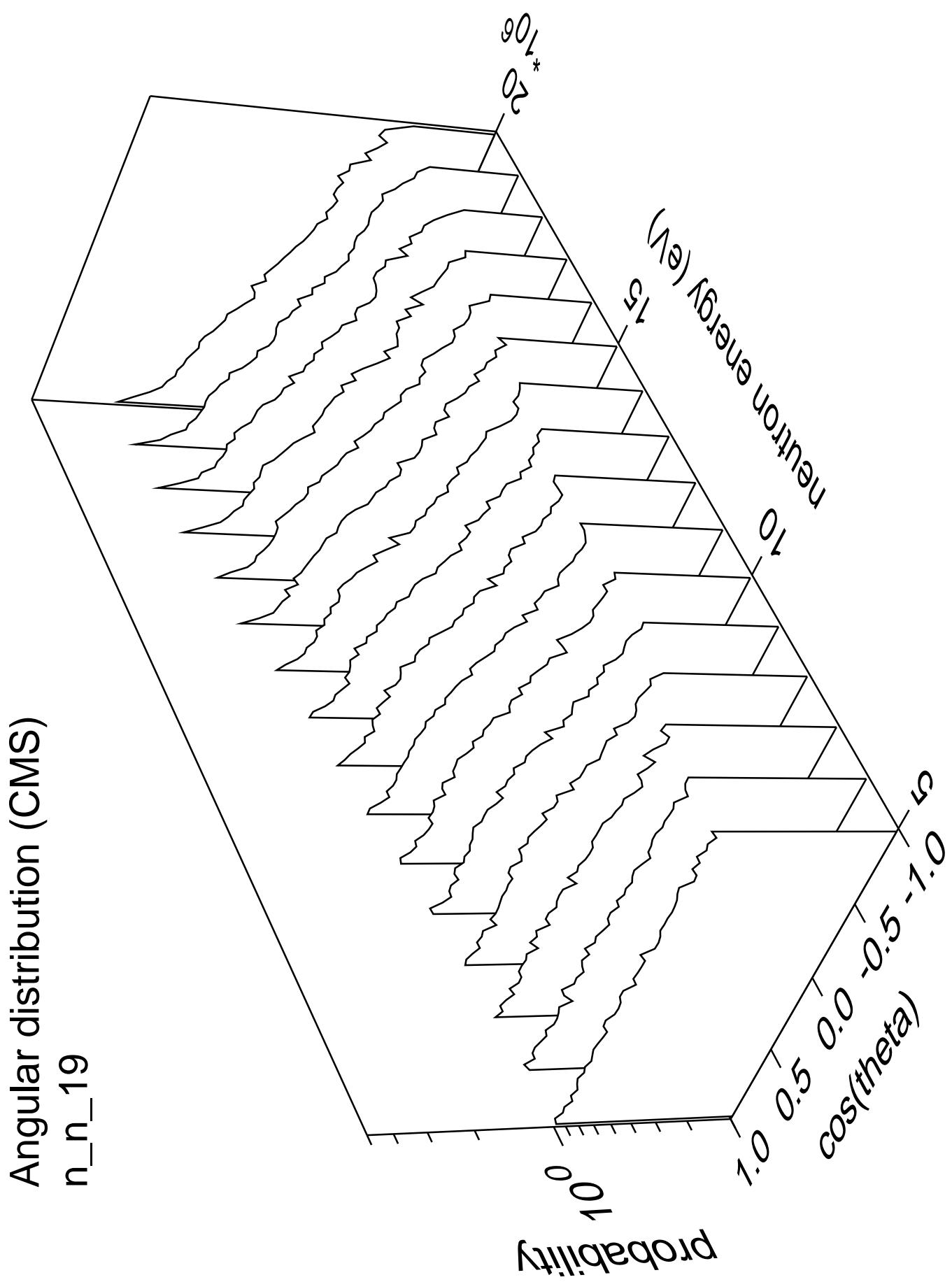


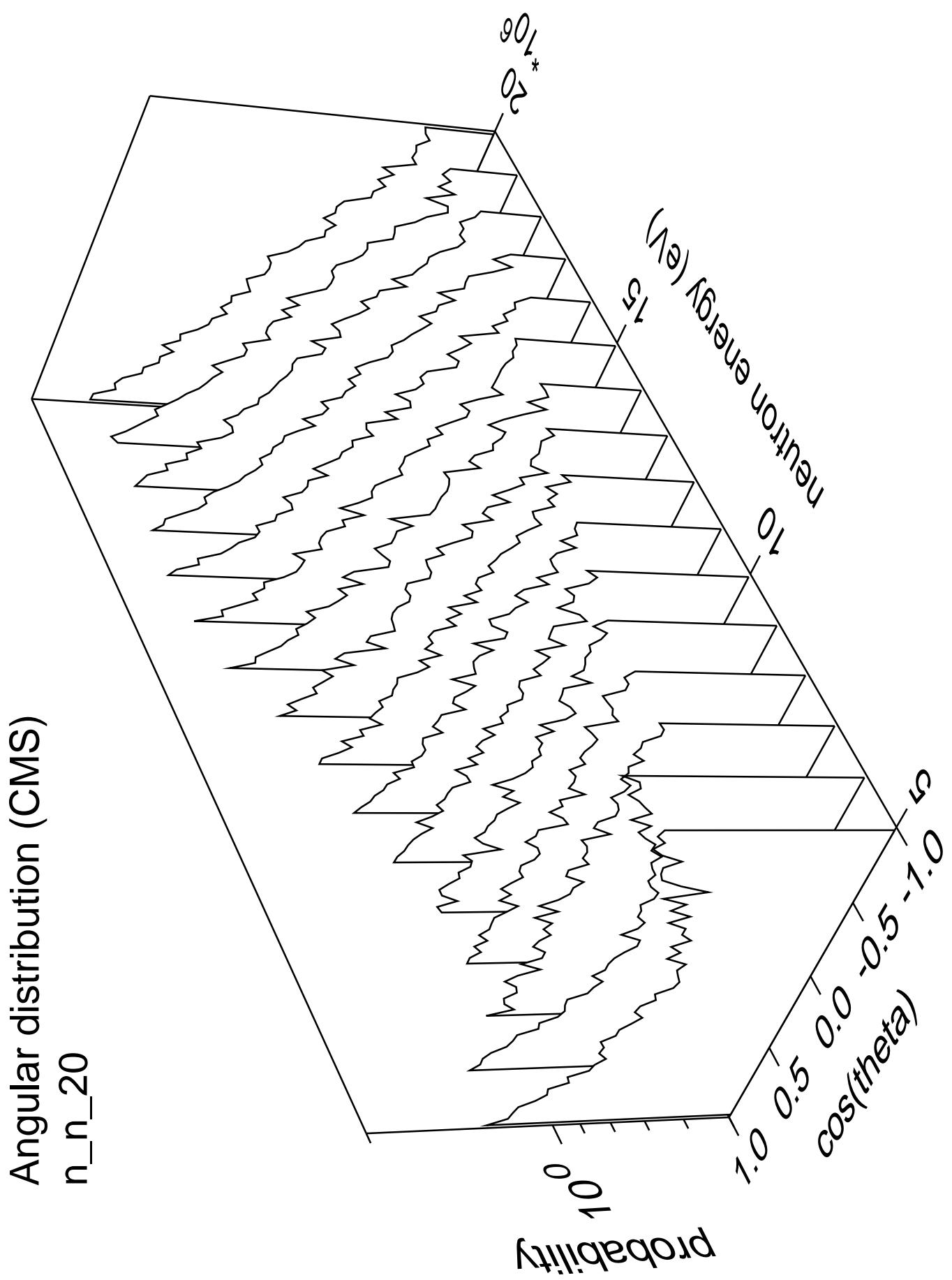


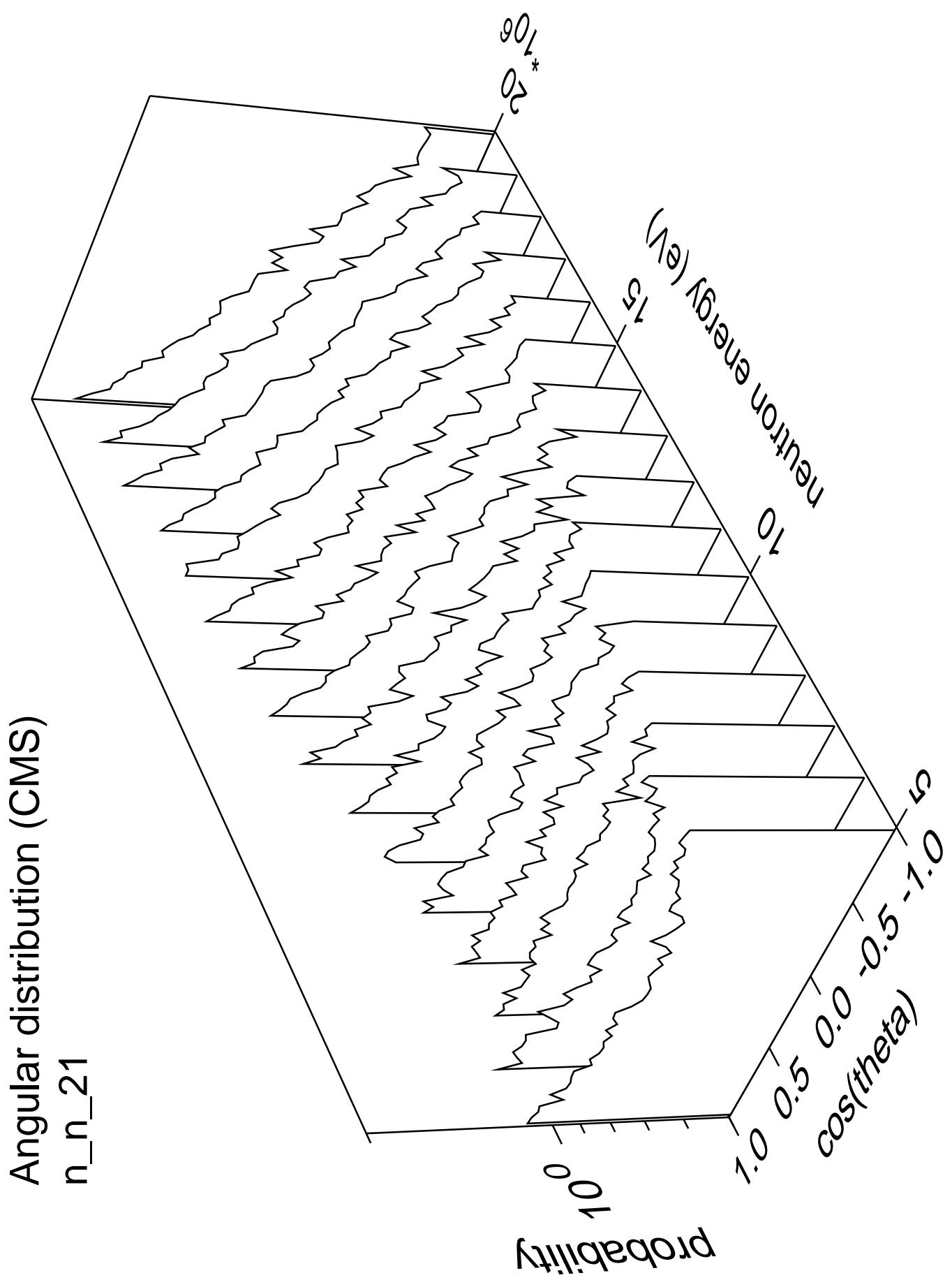


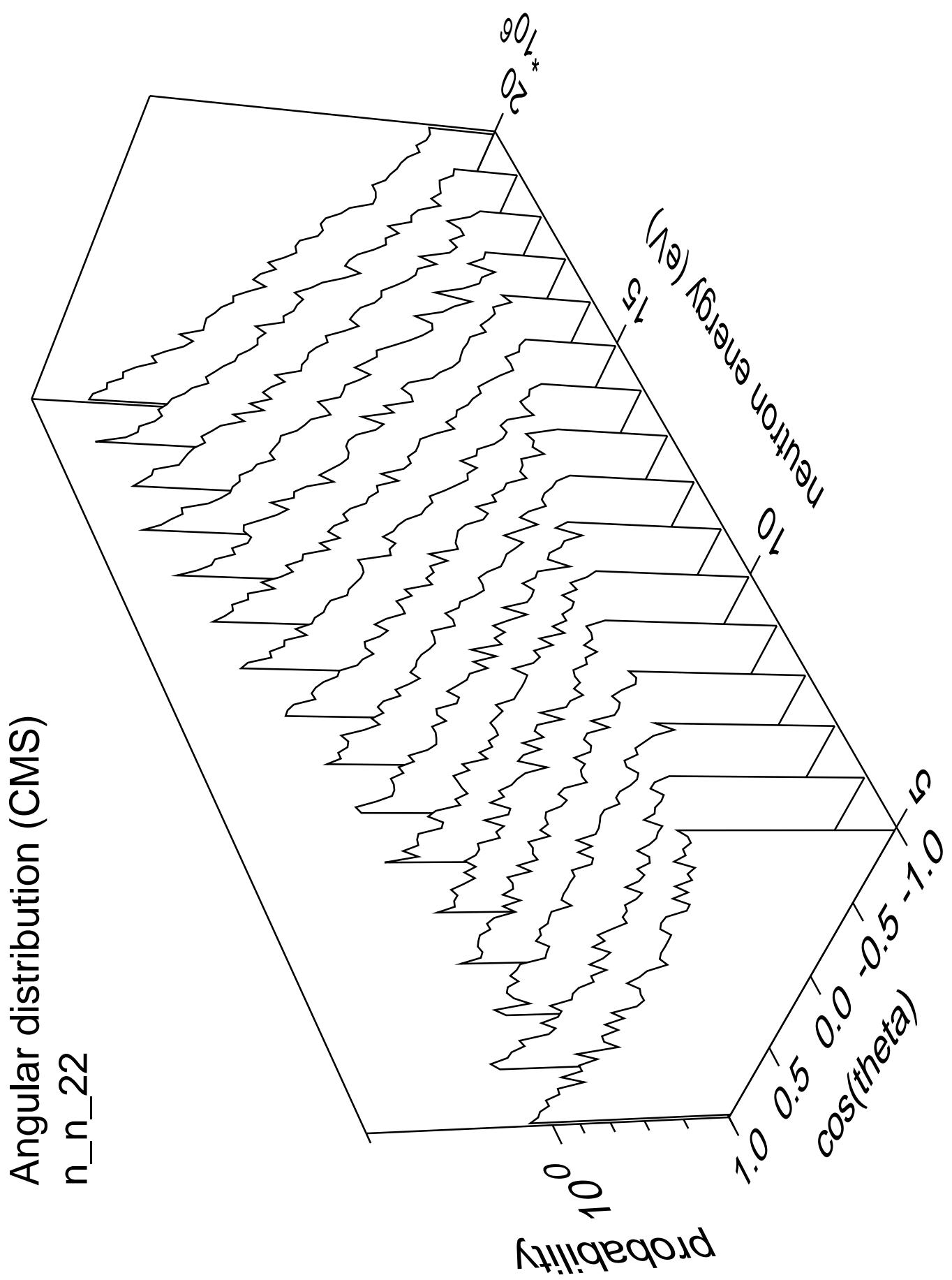


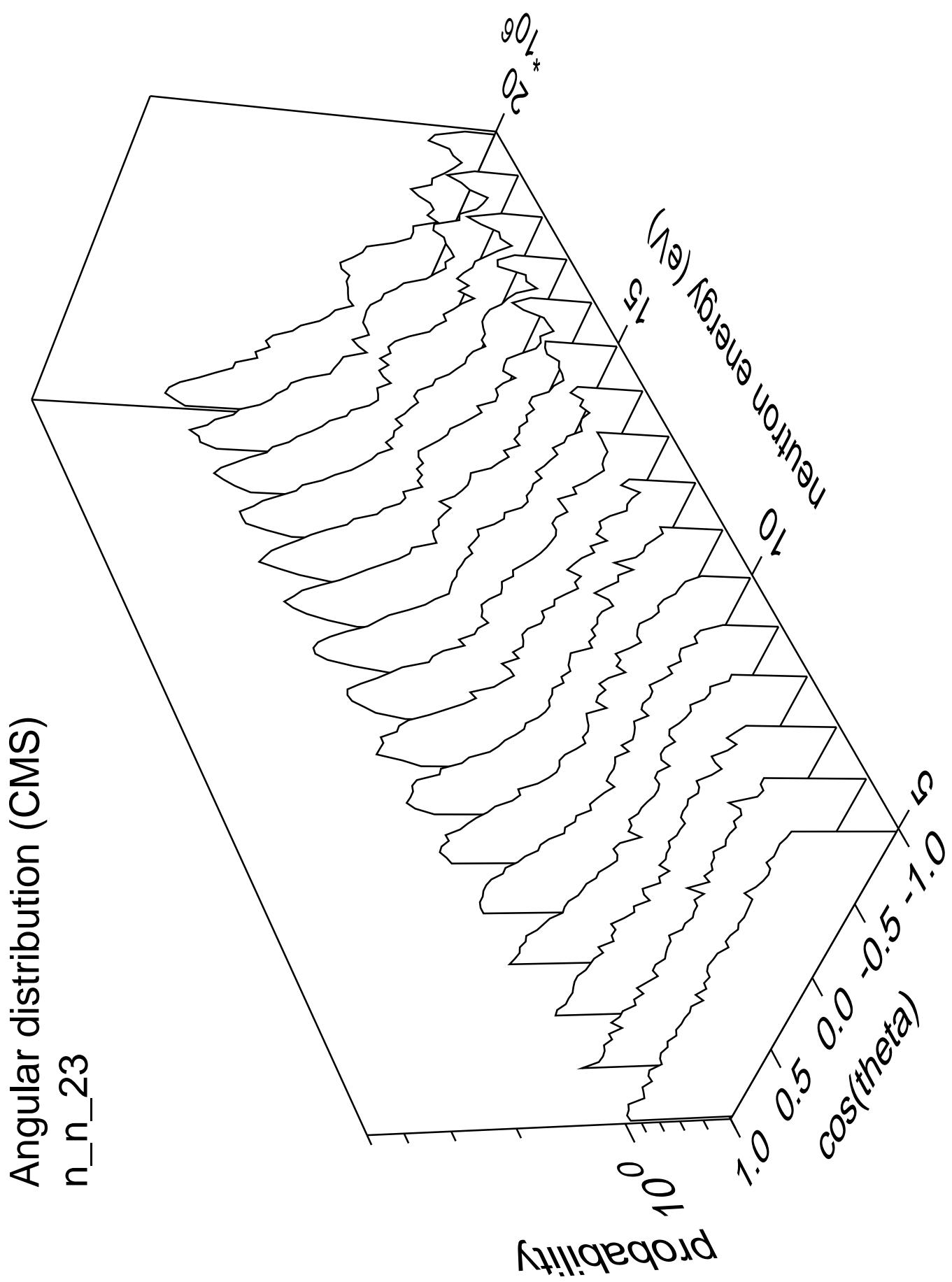


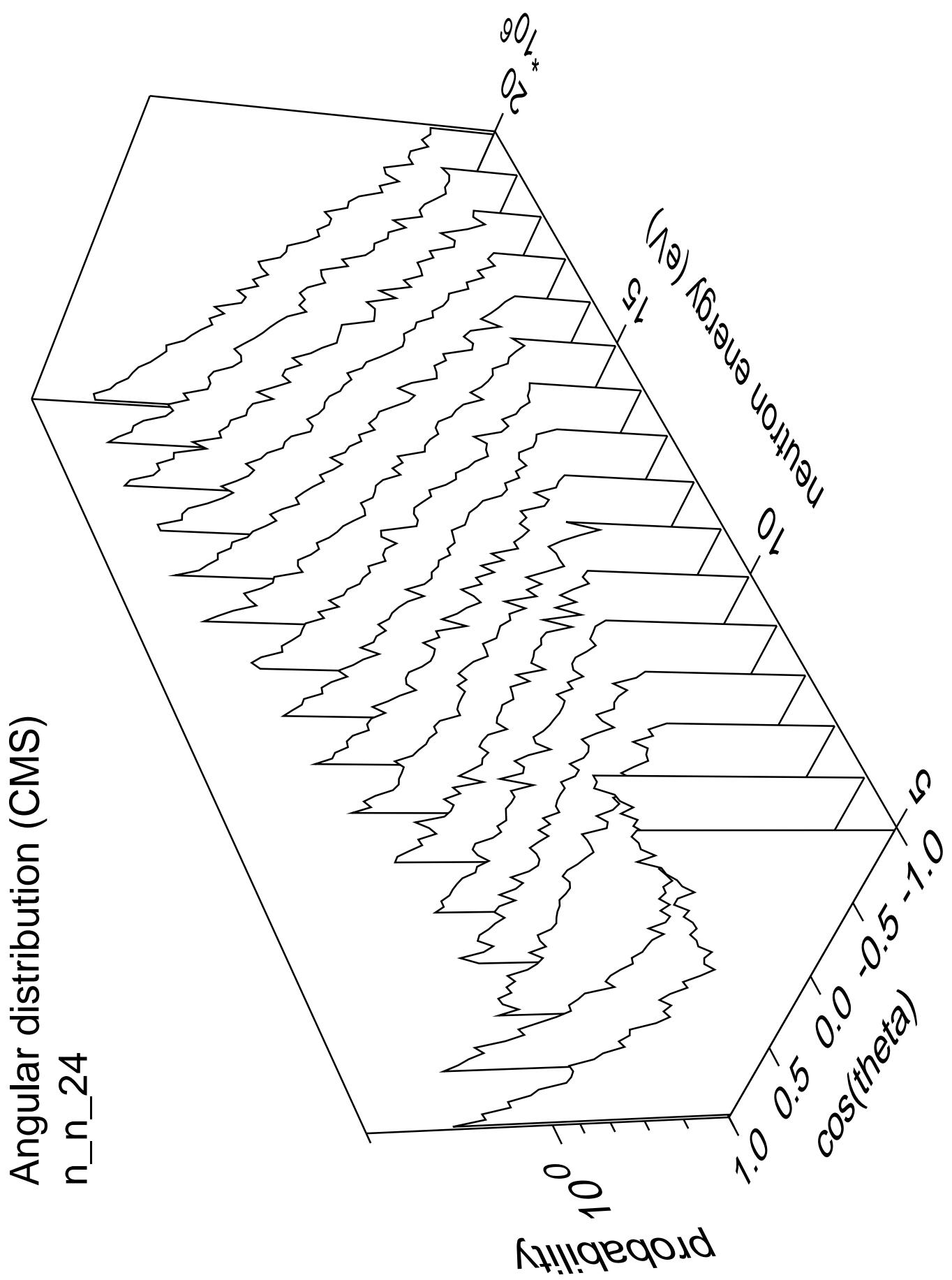


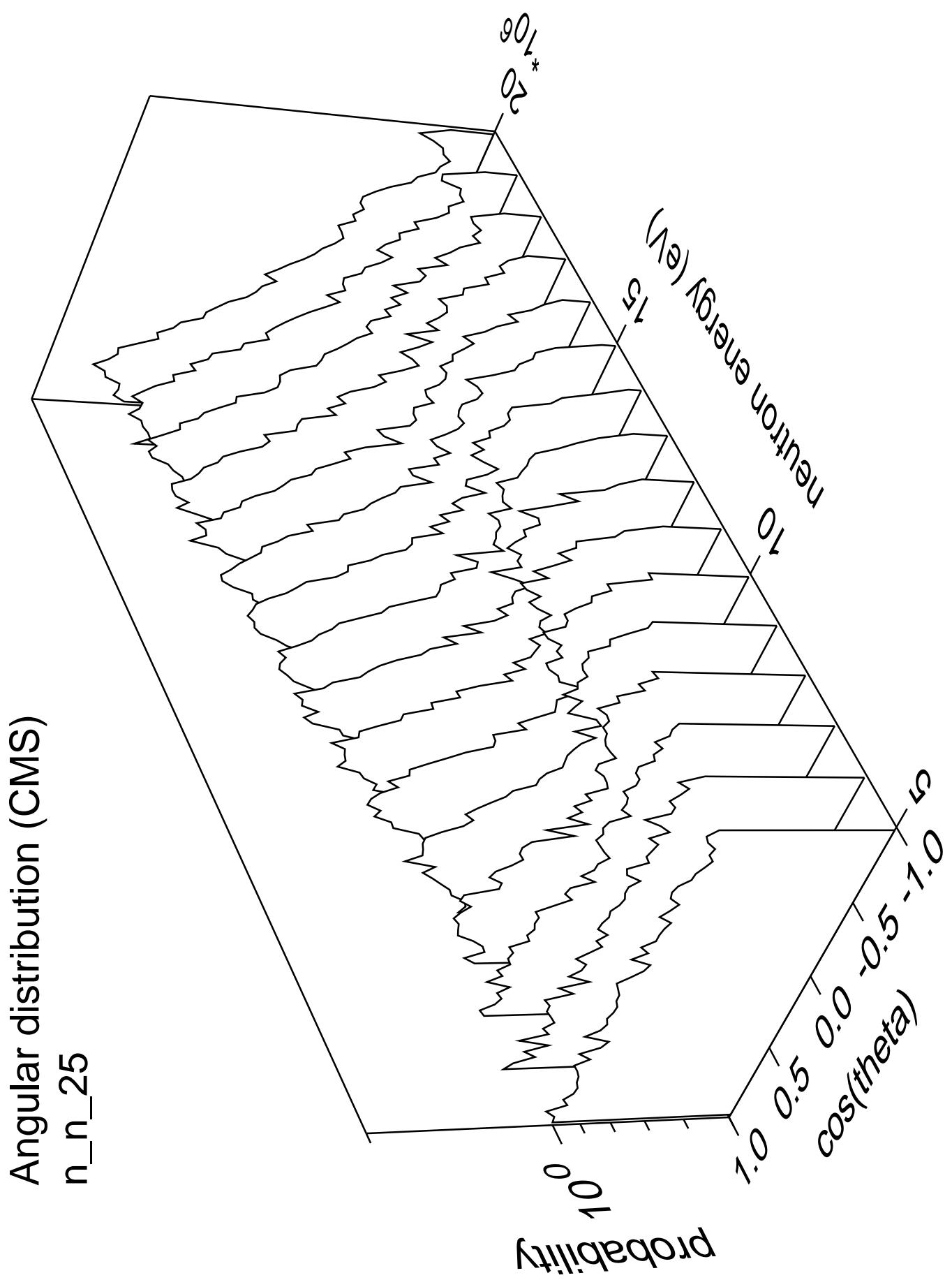




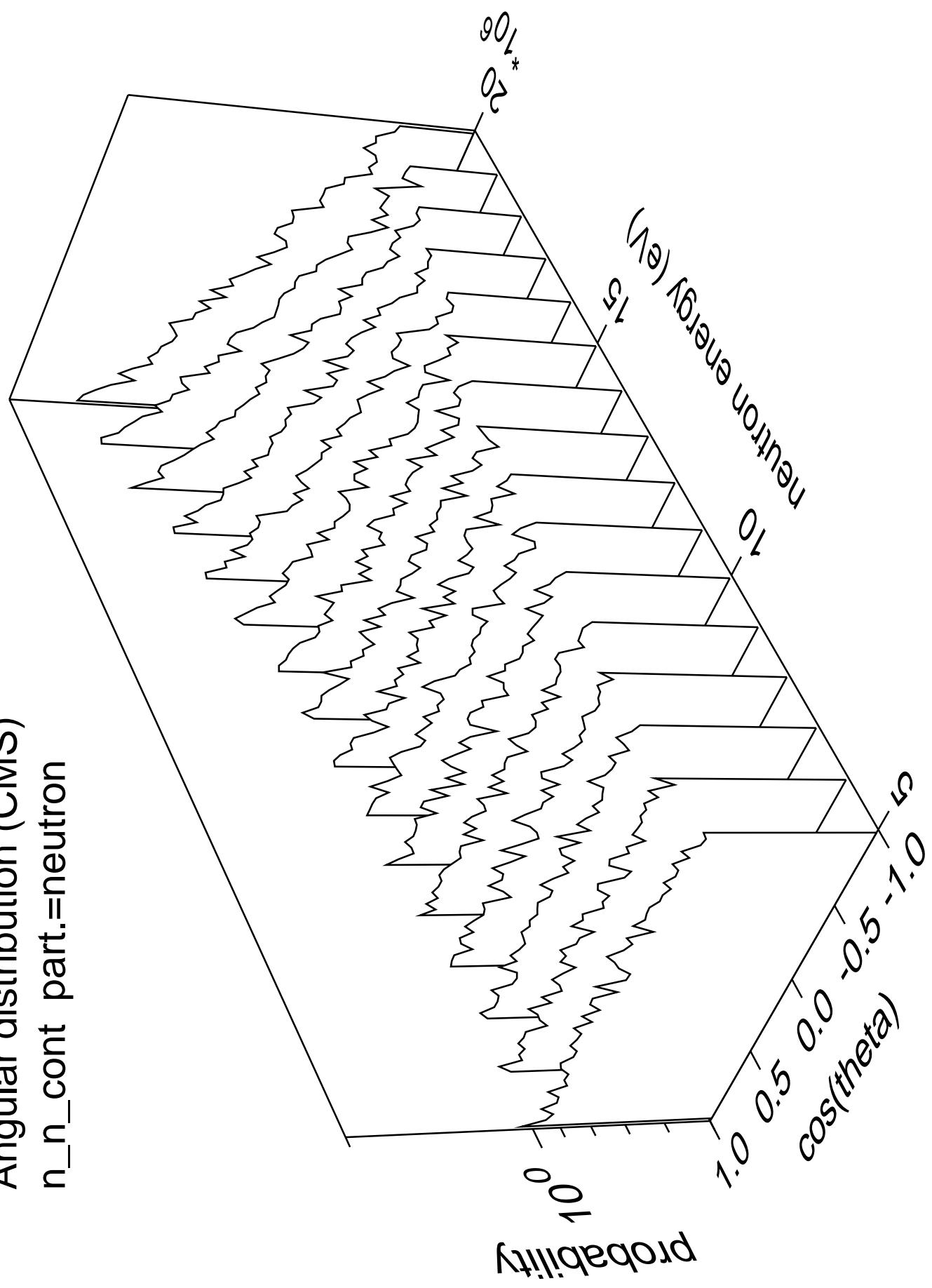




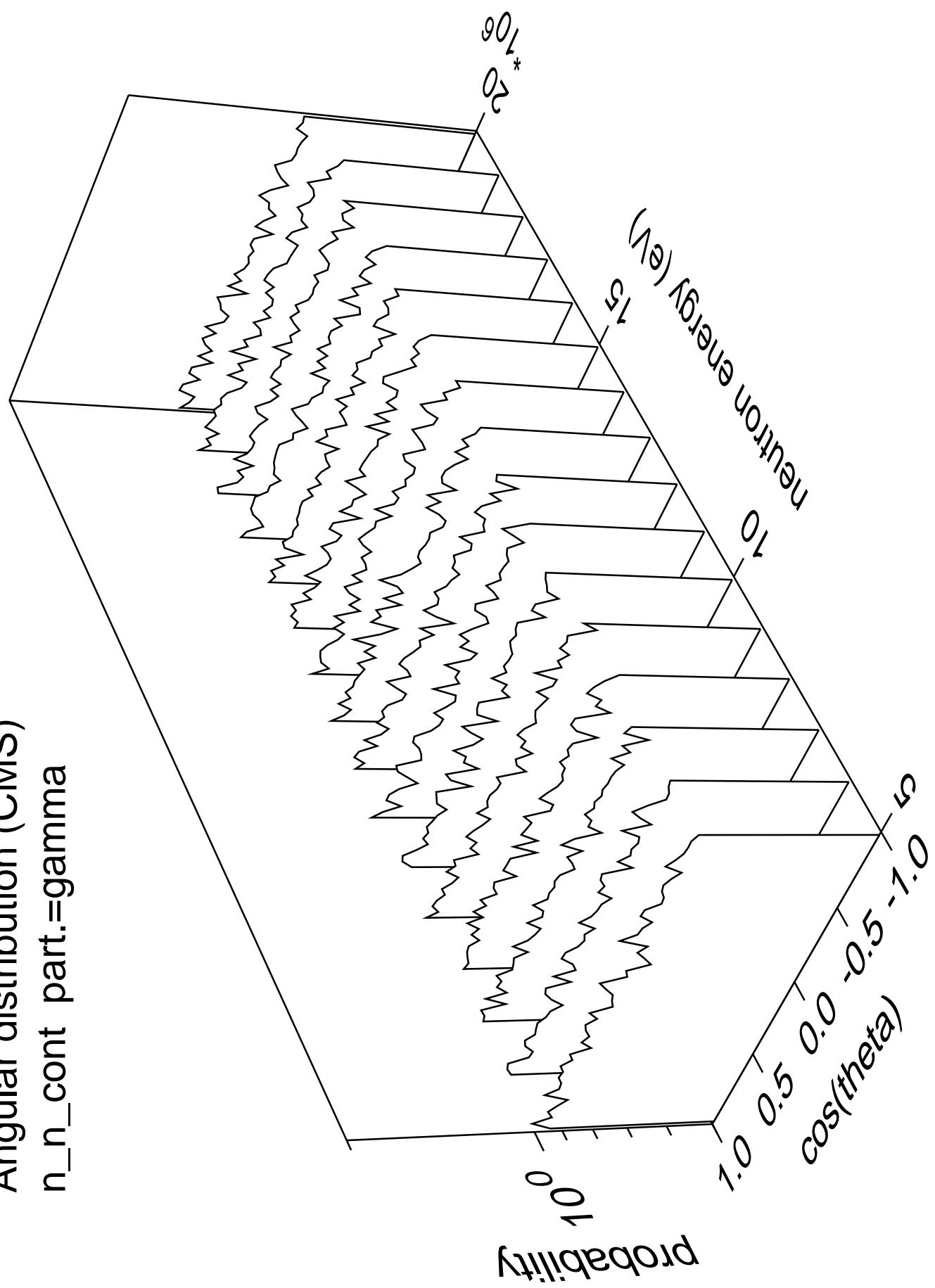




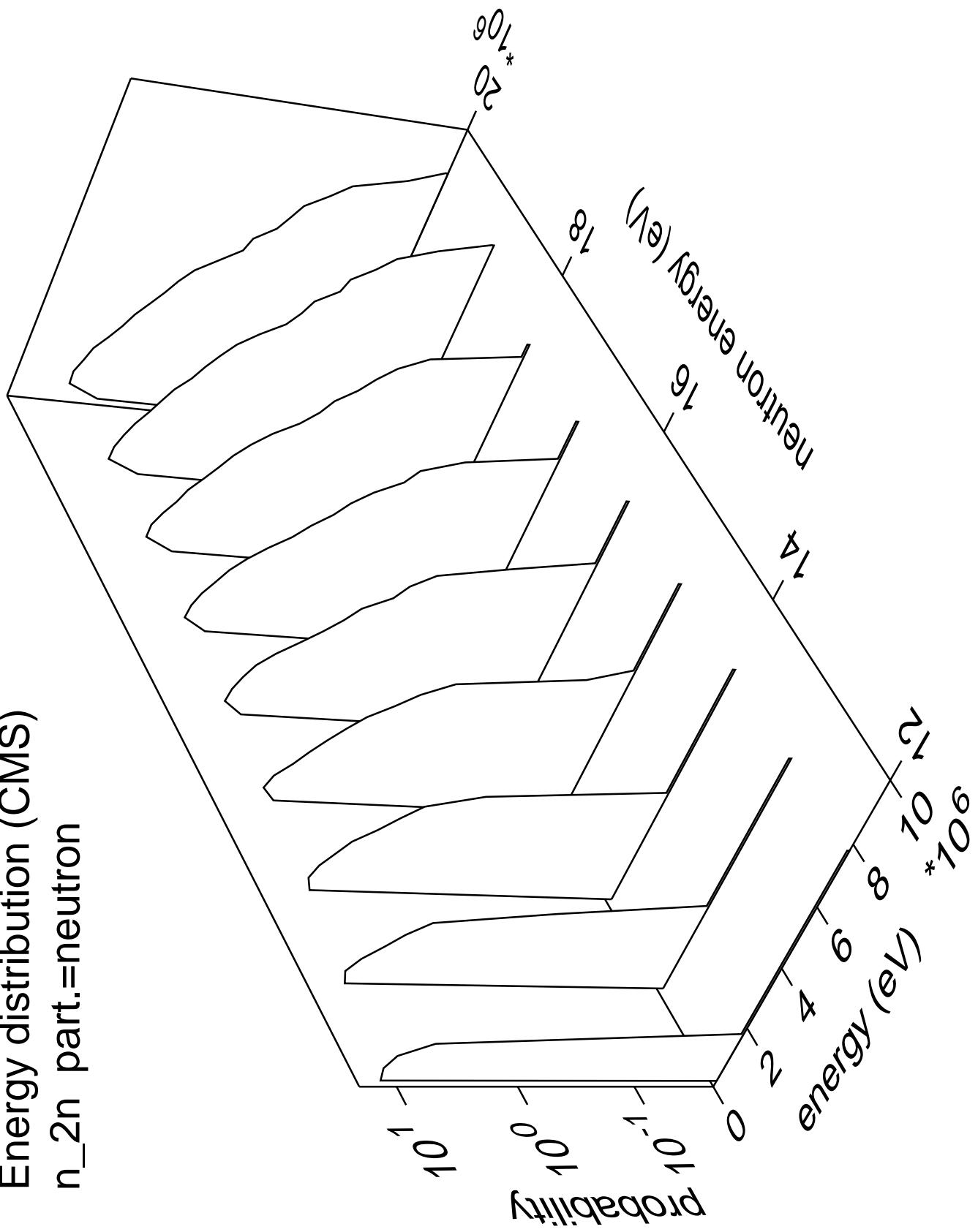
Angular distribution (CMS)  
 $n_n_{cont}$  part.=neutron



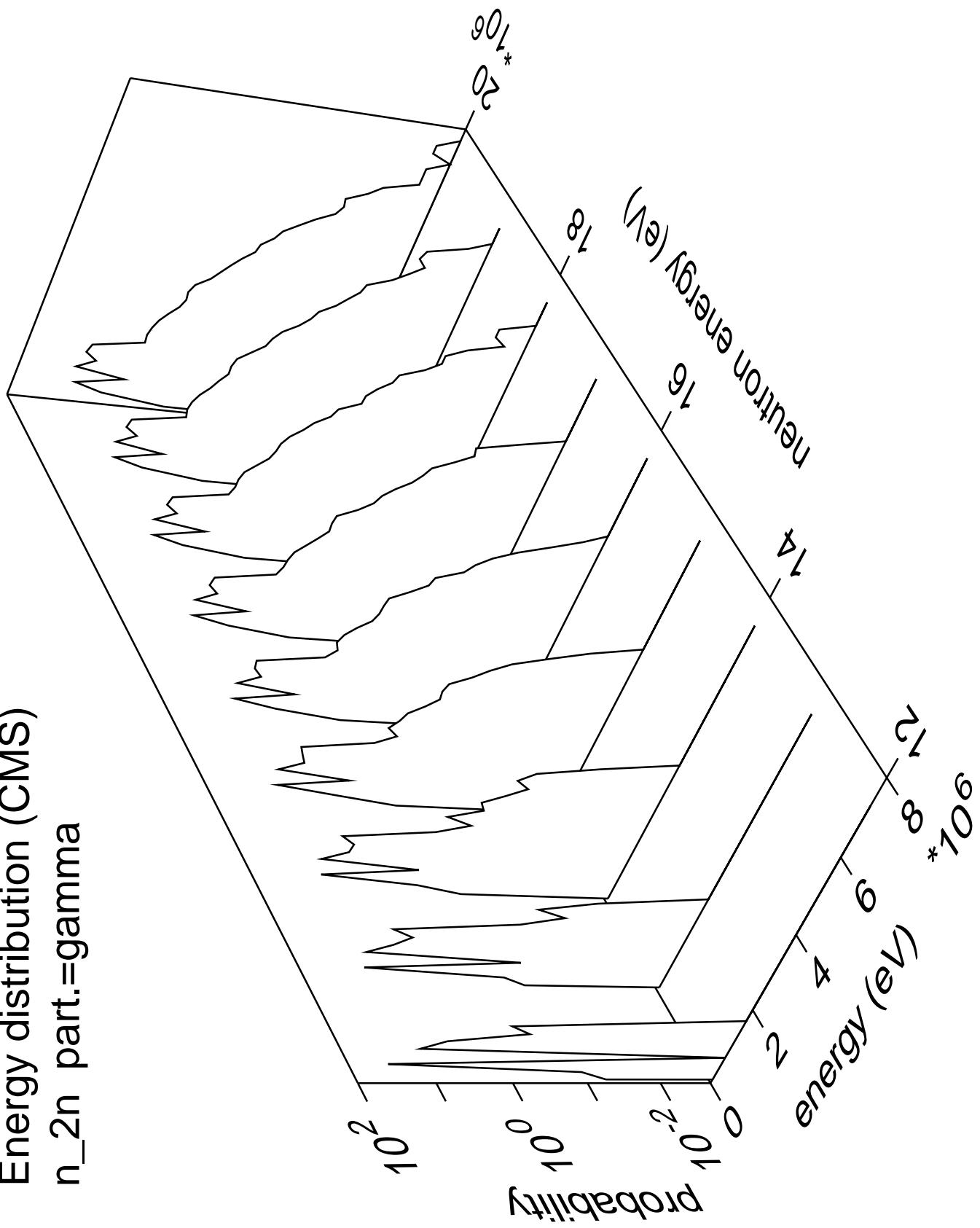
Angular distribution (CMS)  
n\_n\_cont part.=gamma



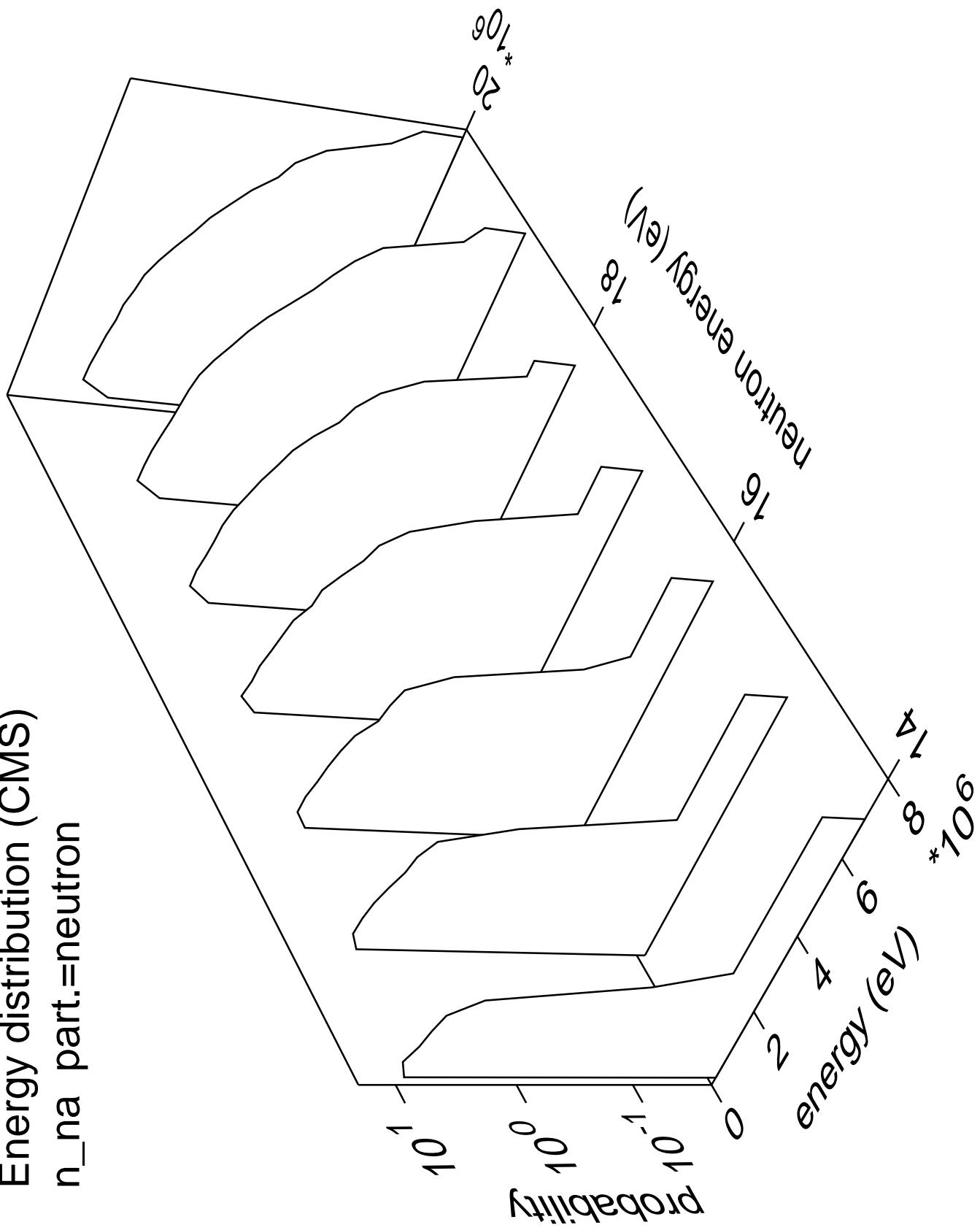
Energy distribution (CMS)  
 $n_{2n}$  part.=neutron



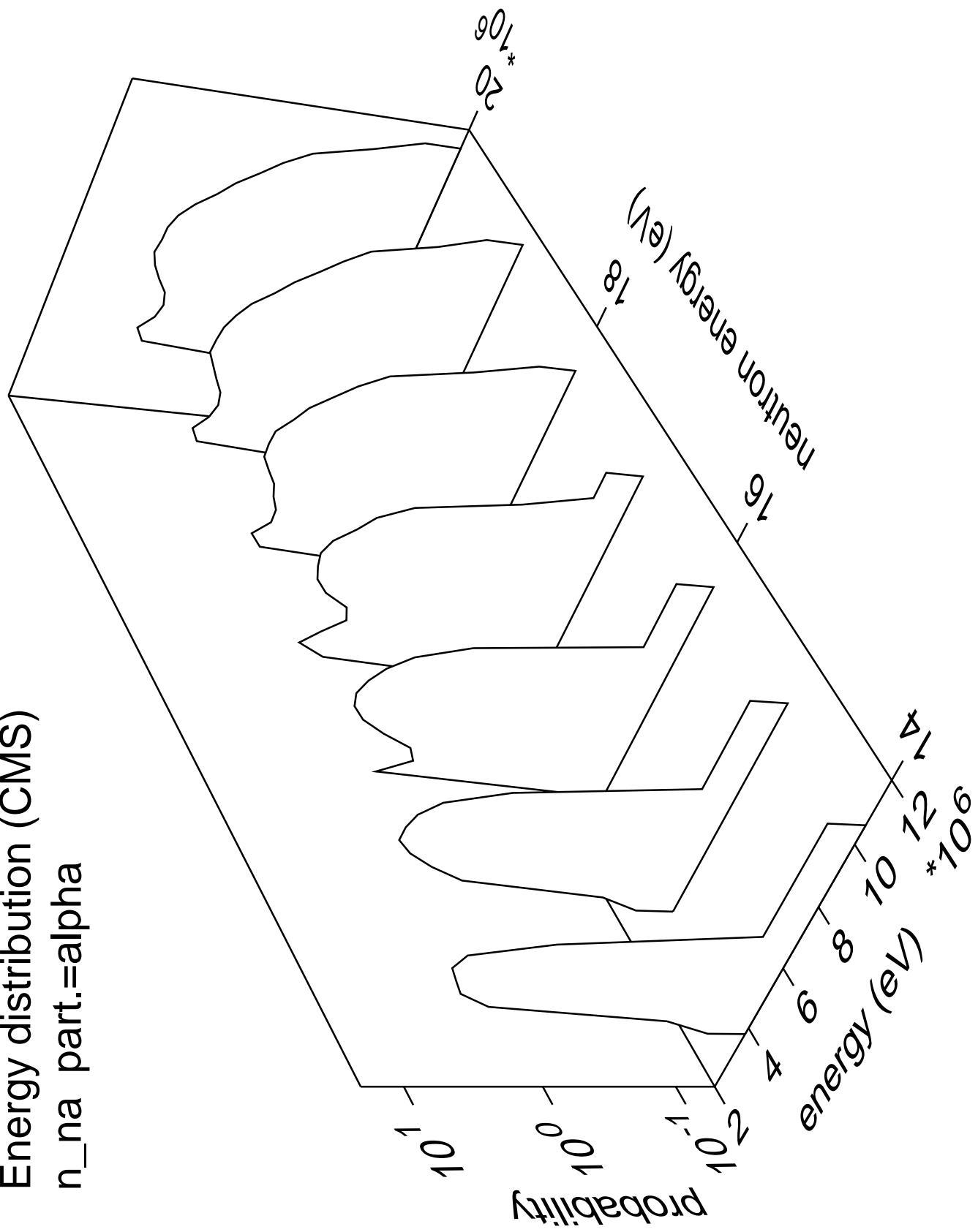
Energy distribution (CMS)  
n\_2n part.=gamma



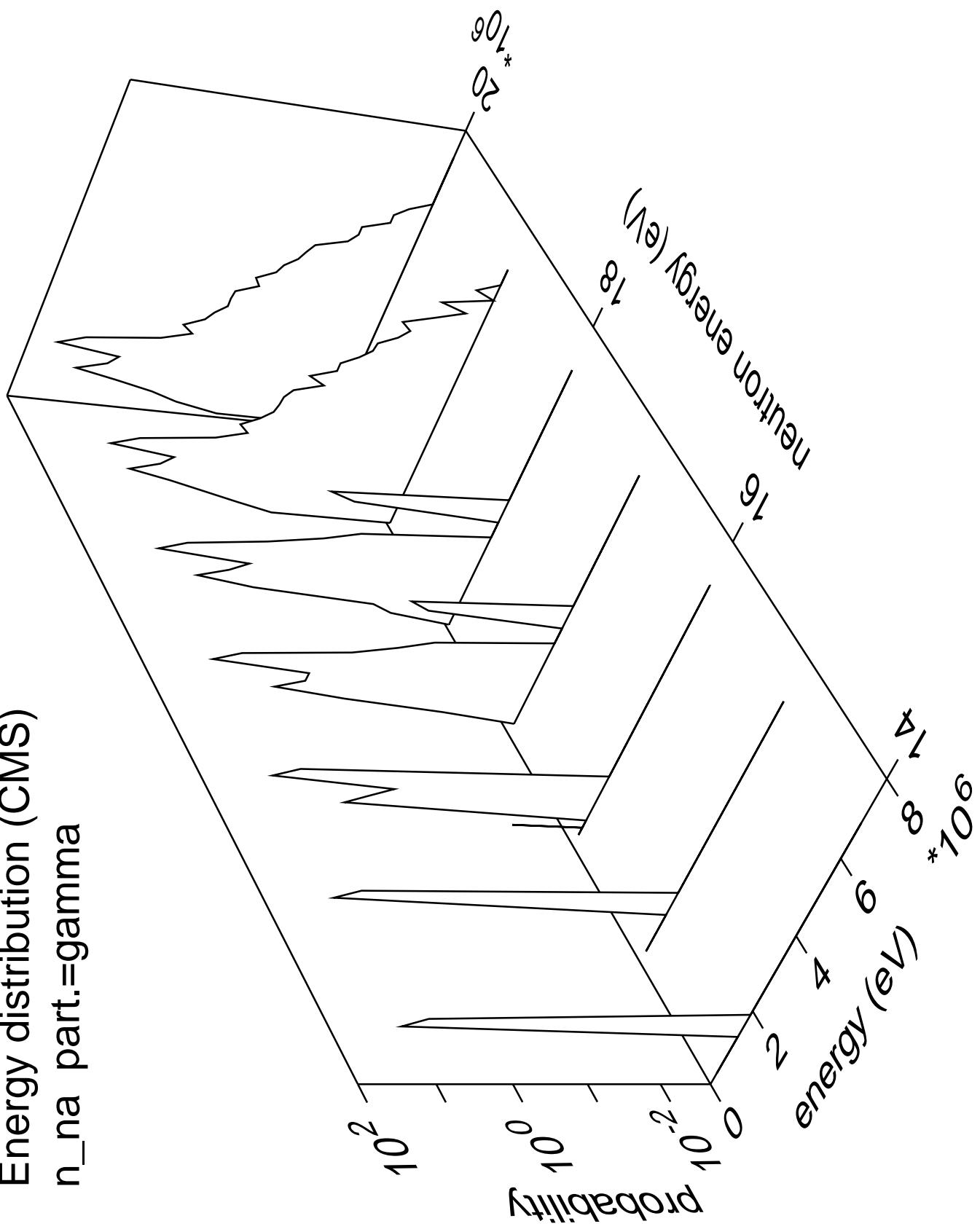
Energy distribution (CMS)  
 $n_{\text{na}} \text{ part.} = \text{neutron}$



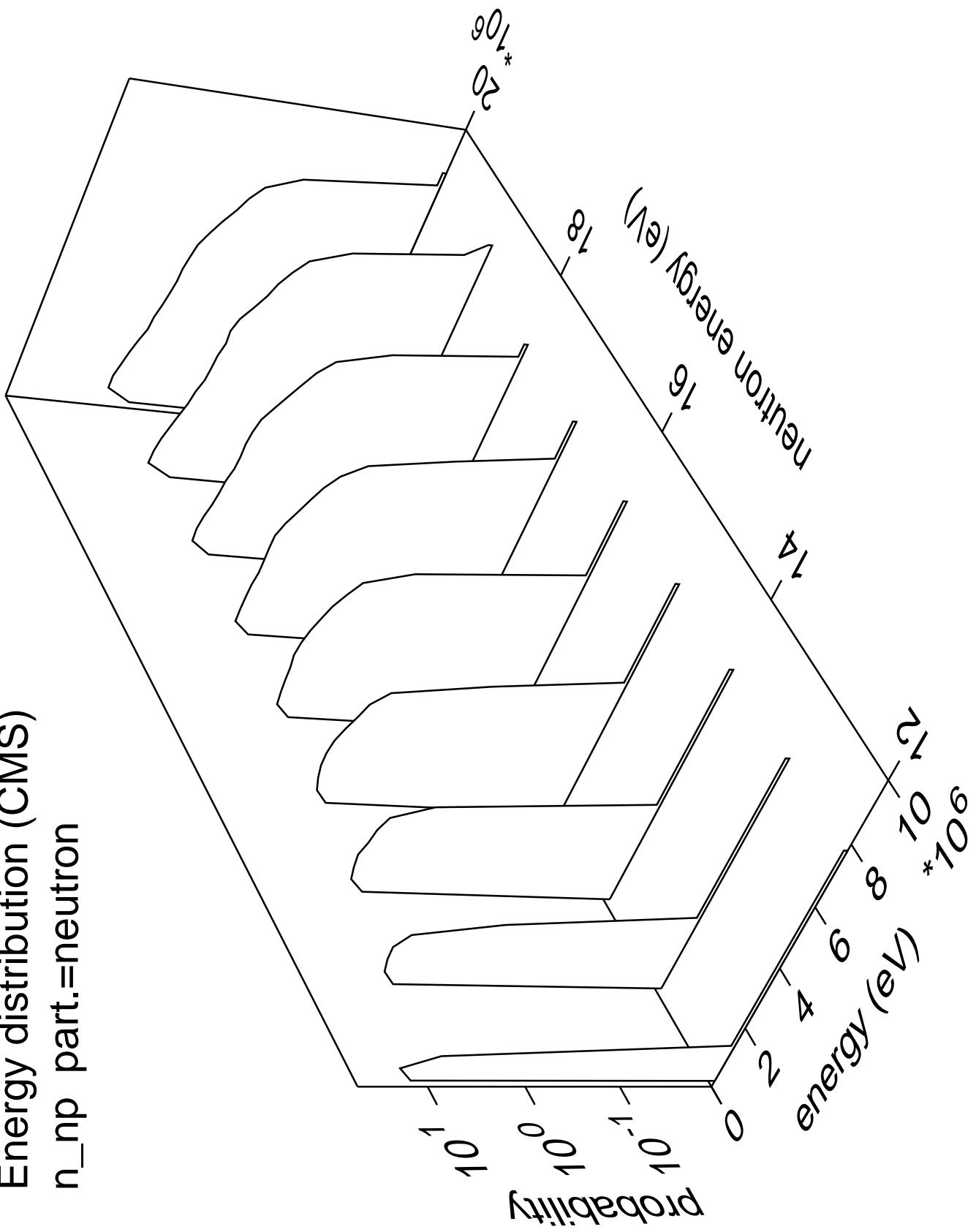
Energy distribution (CMS)  
 $n_{\text{na}} \text{ part.} = \text{alpha}$



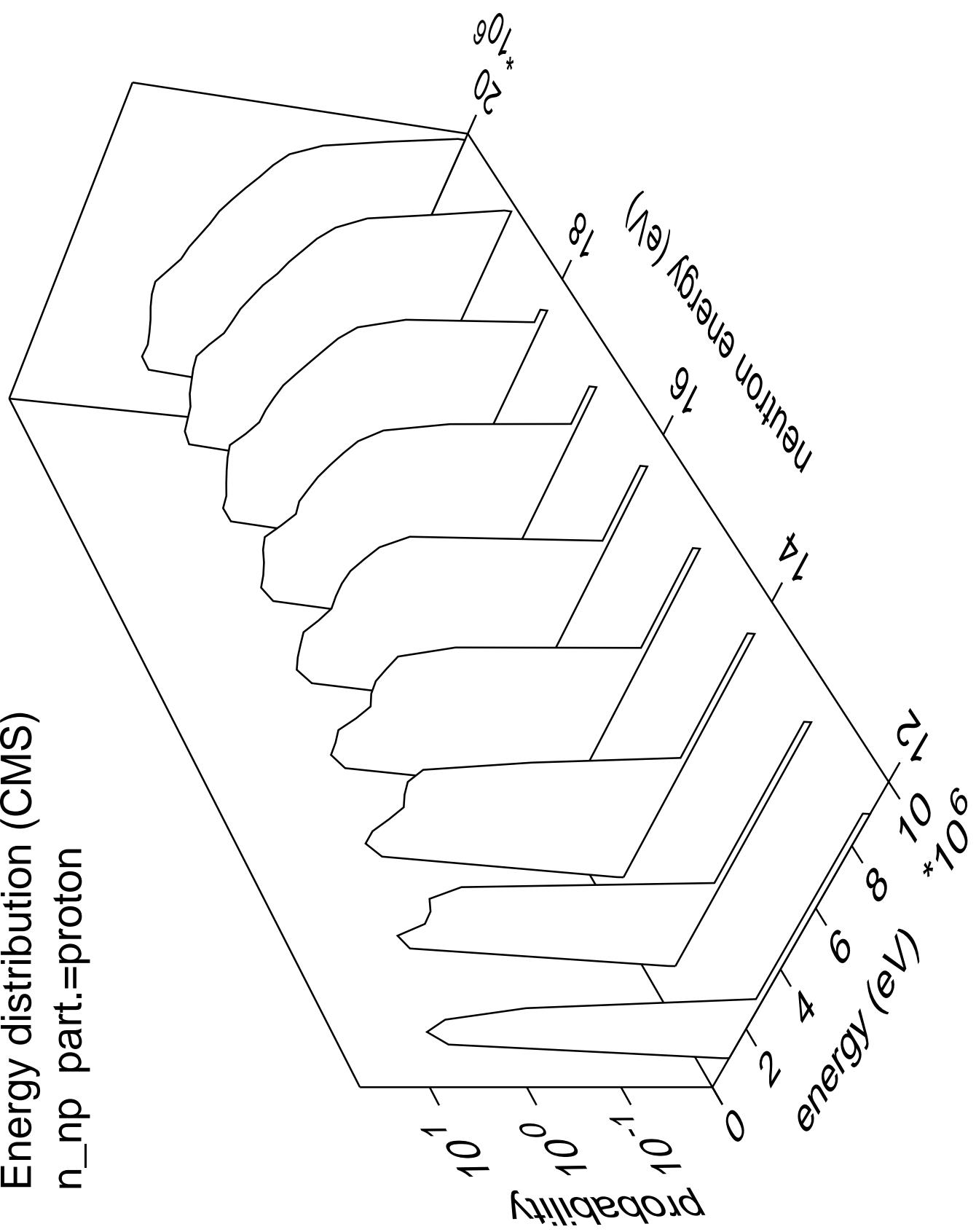
Energy distribution (CMS)  
 $n_{\text{na}}$  part.=gamma



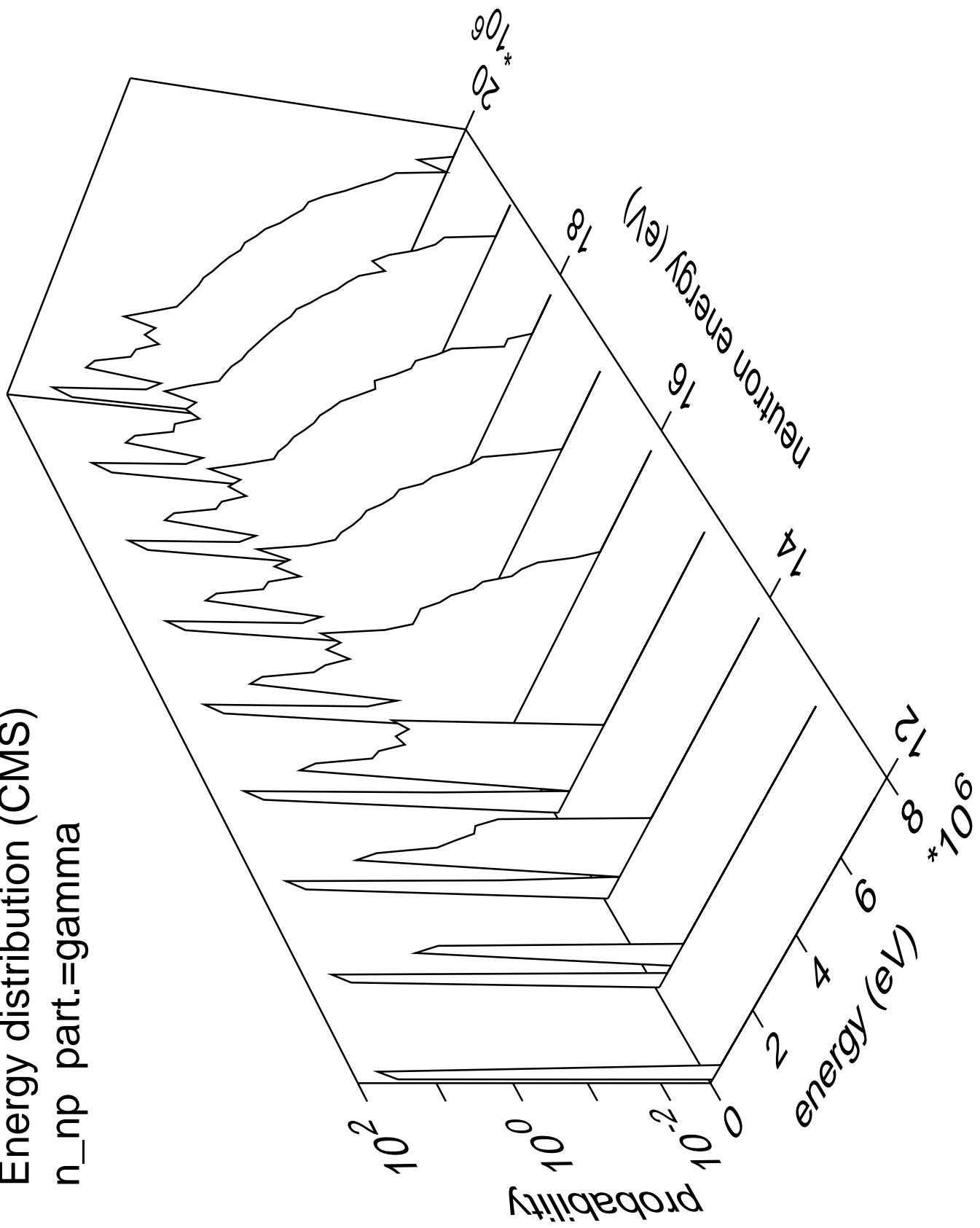
Energy distribution (CMS)  
 $n_{np}$  part.=neutron



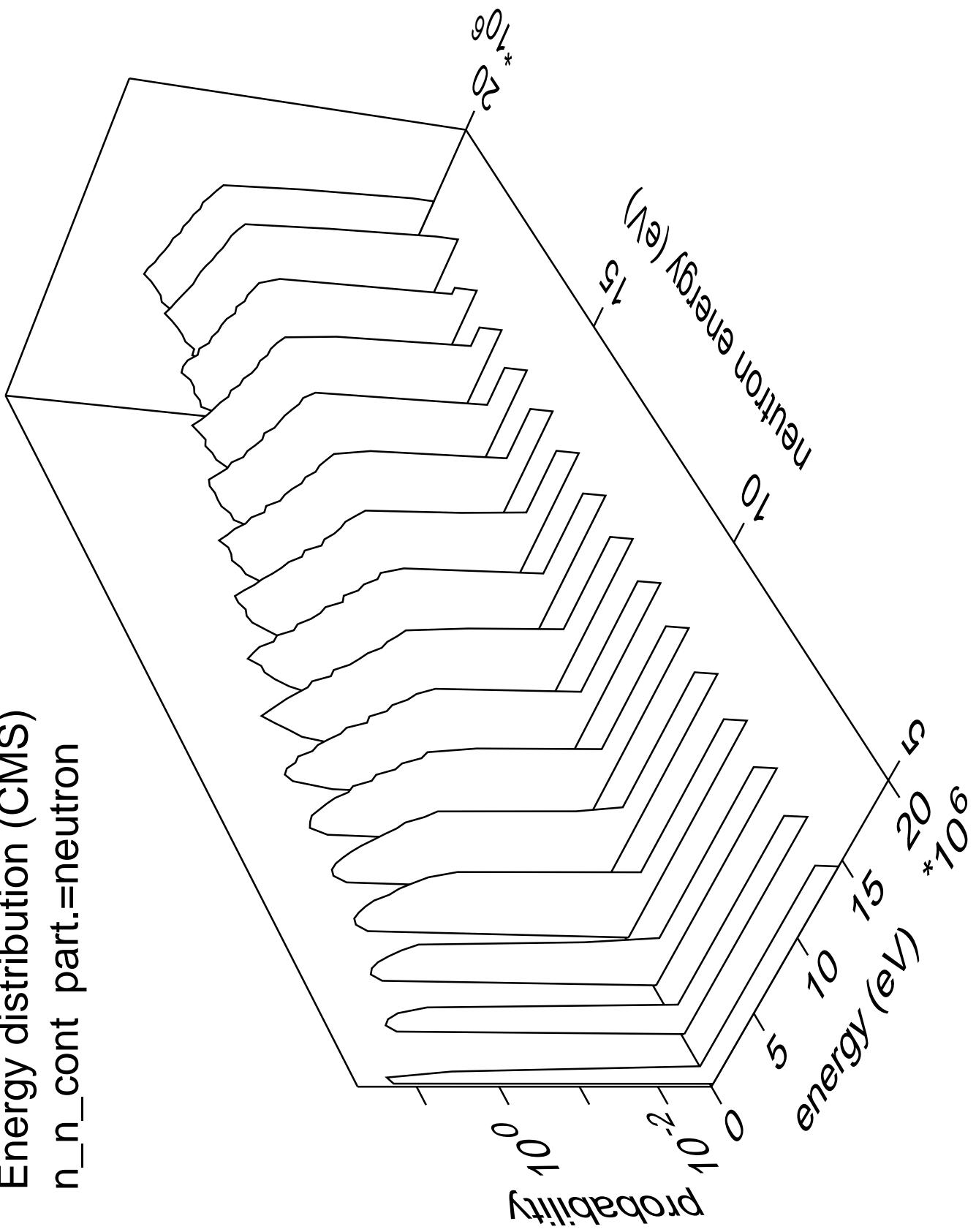
Energy distribution (CMS)  
 $n_{np}$  part.=proton



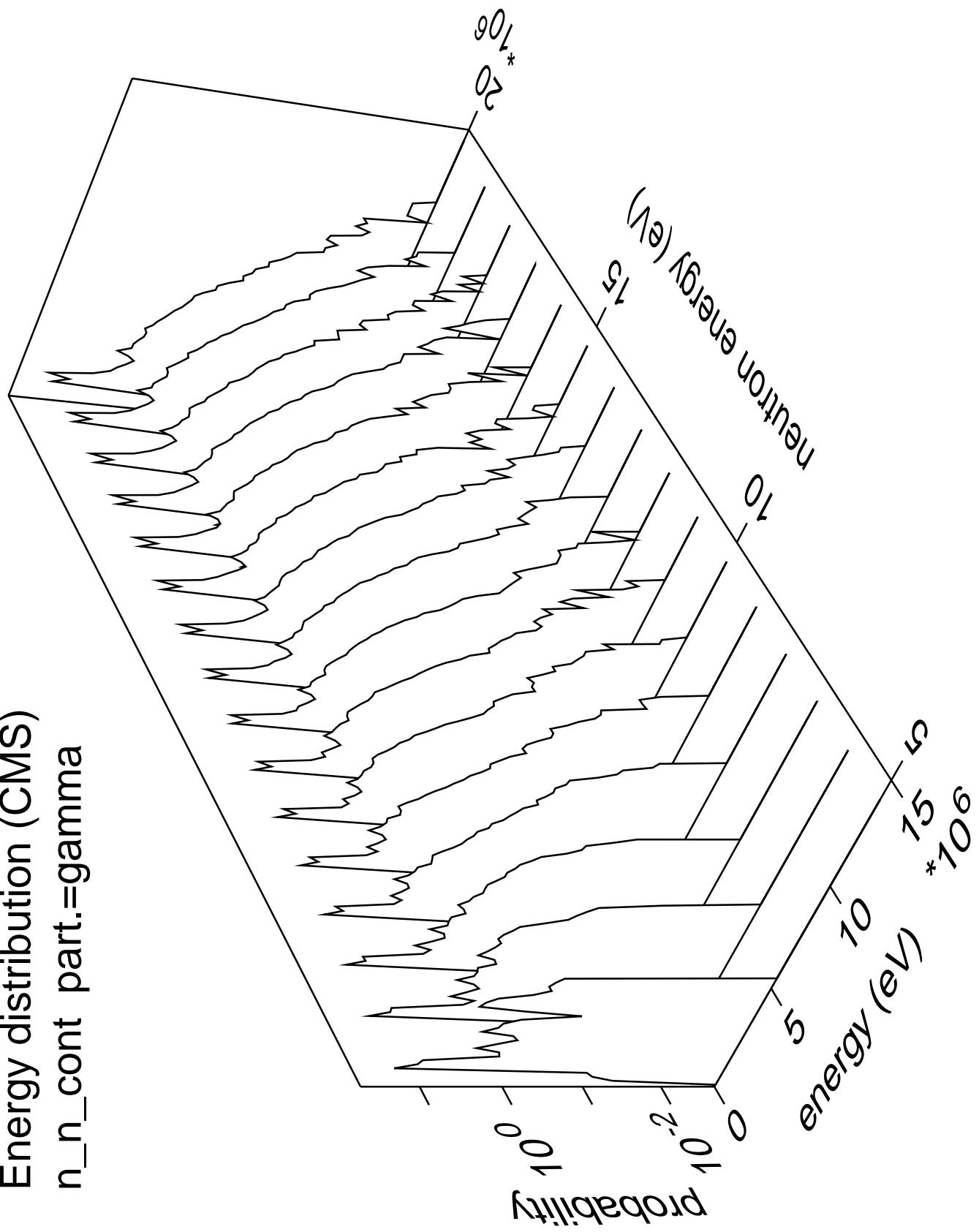
Energy distribution (CMS)  
 $n_{np}$  part.=gamma



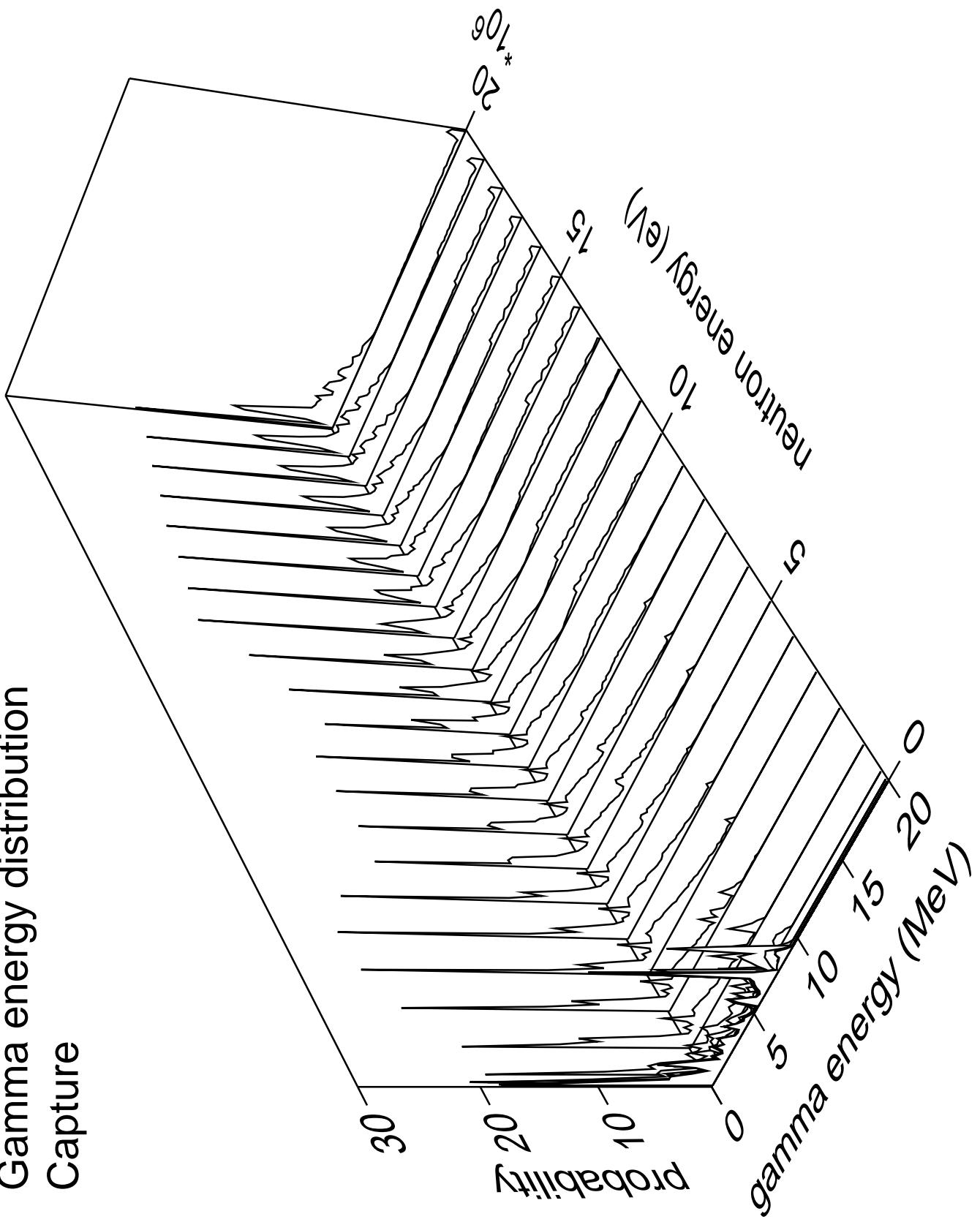
Energy distribution (CMS)  
n\_n\_cont part.=neutron



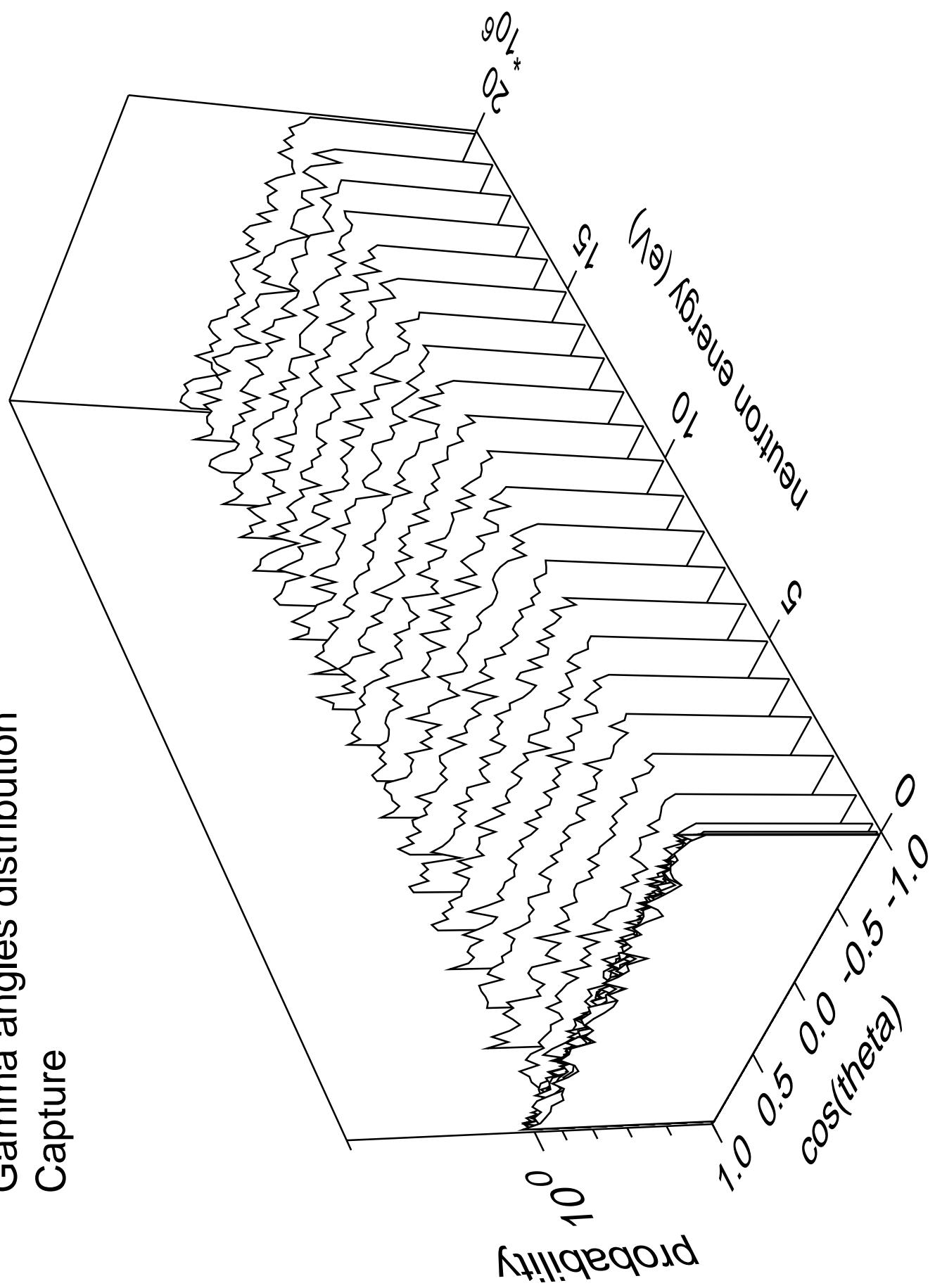
Energy distribution (CMS)  
n\_n\_cont part.=gamma



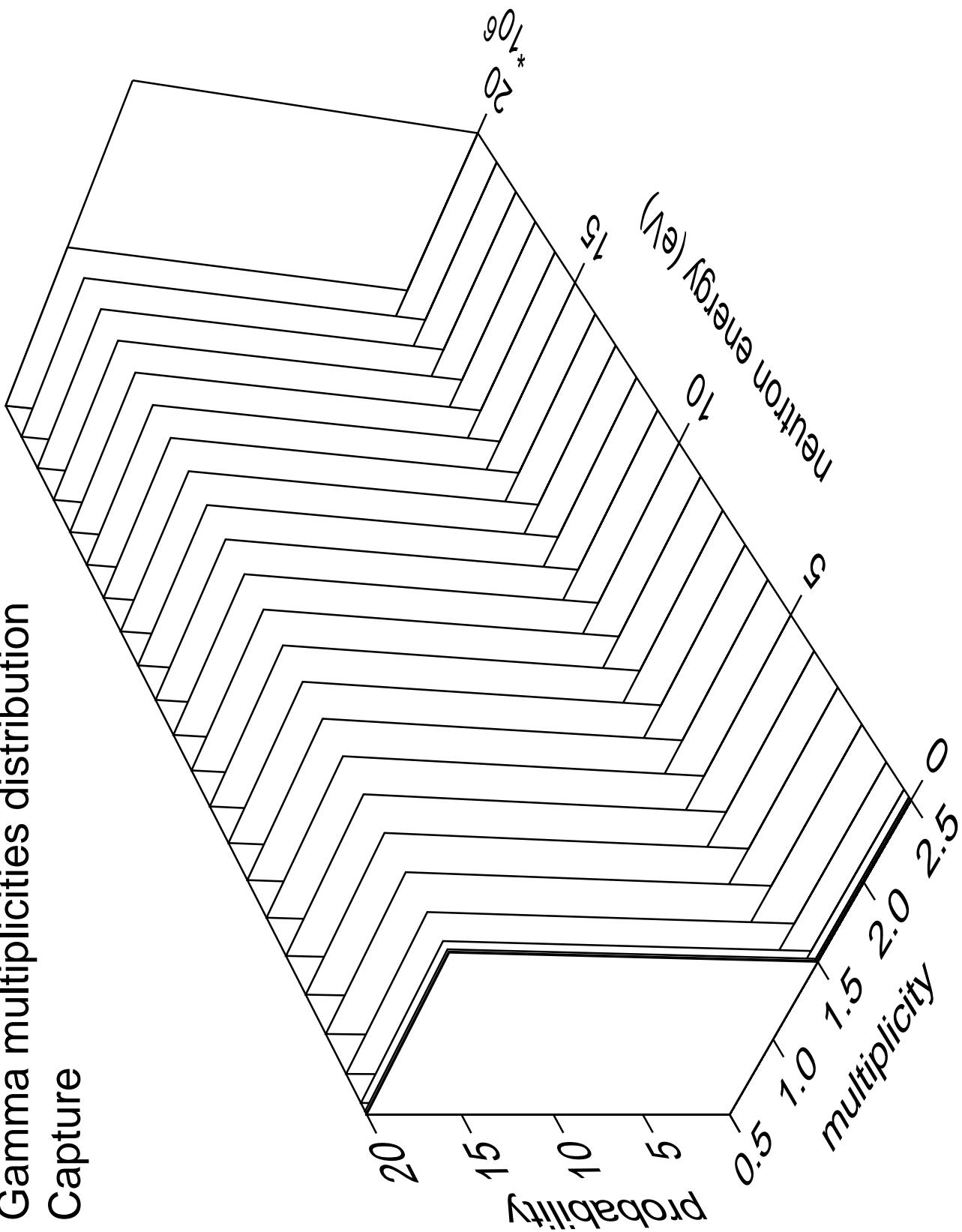
# Gamma energy distribution Capture



# Gamma angles distribution Capture

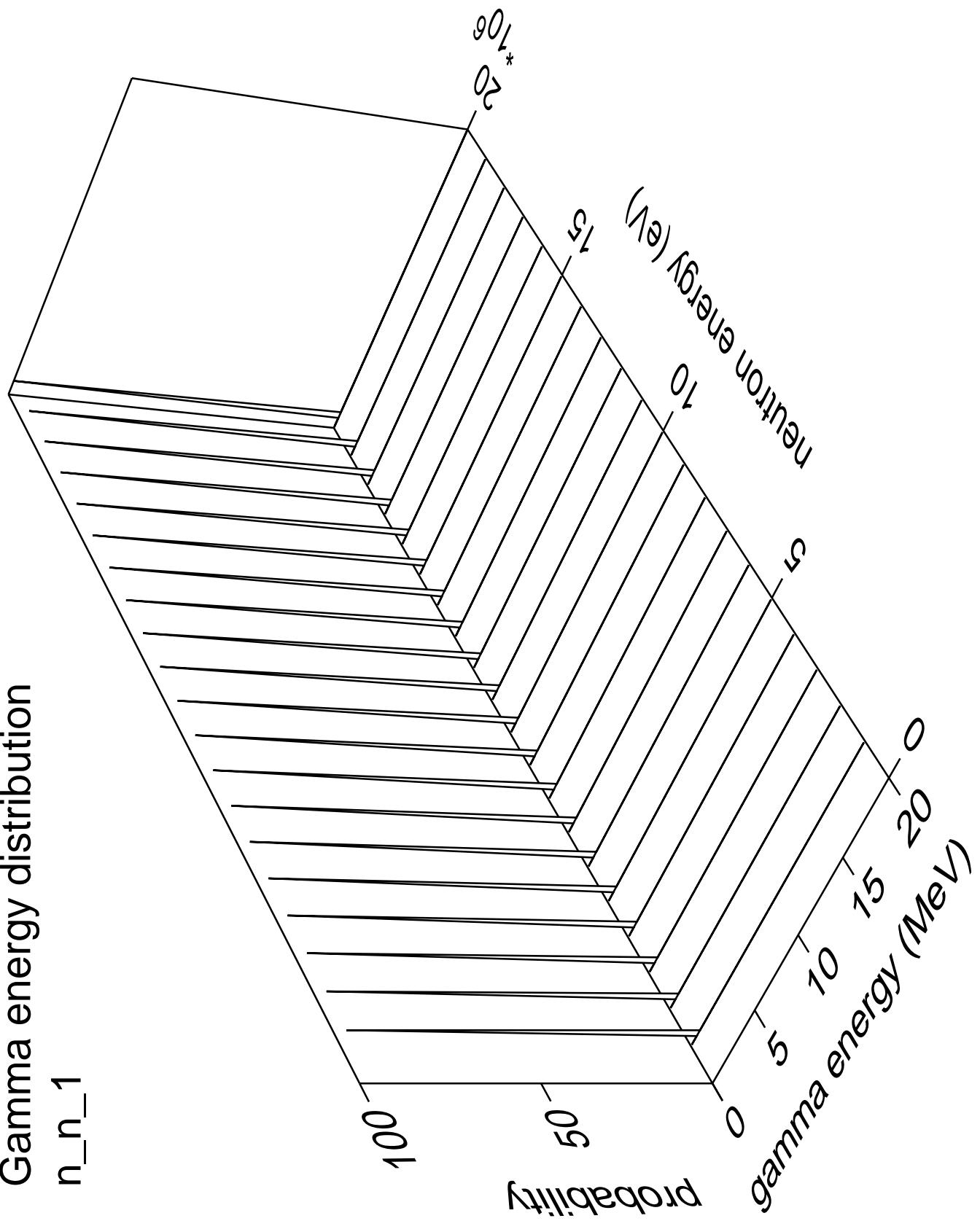


# Gamma multiplicities distribution Capture



Gamma energy distribution

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

20

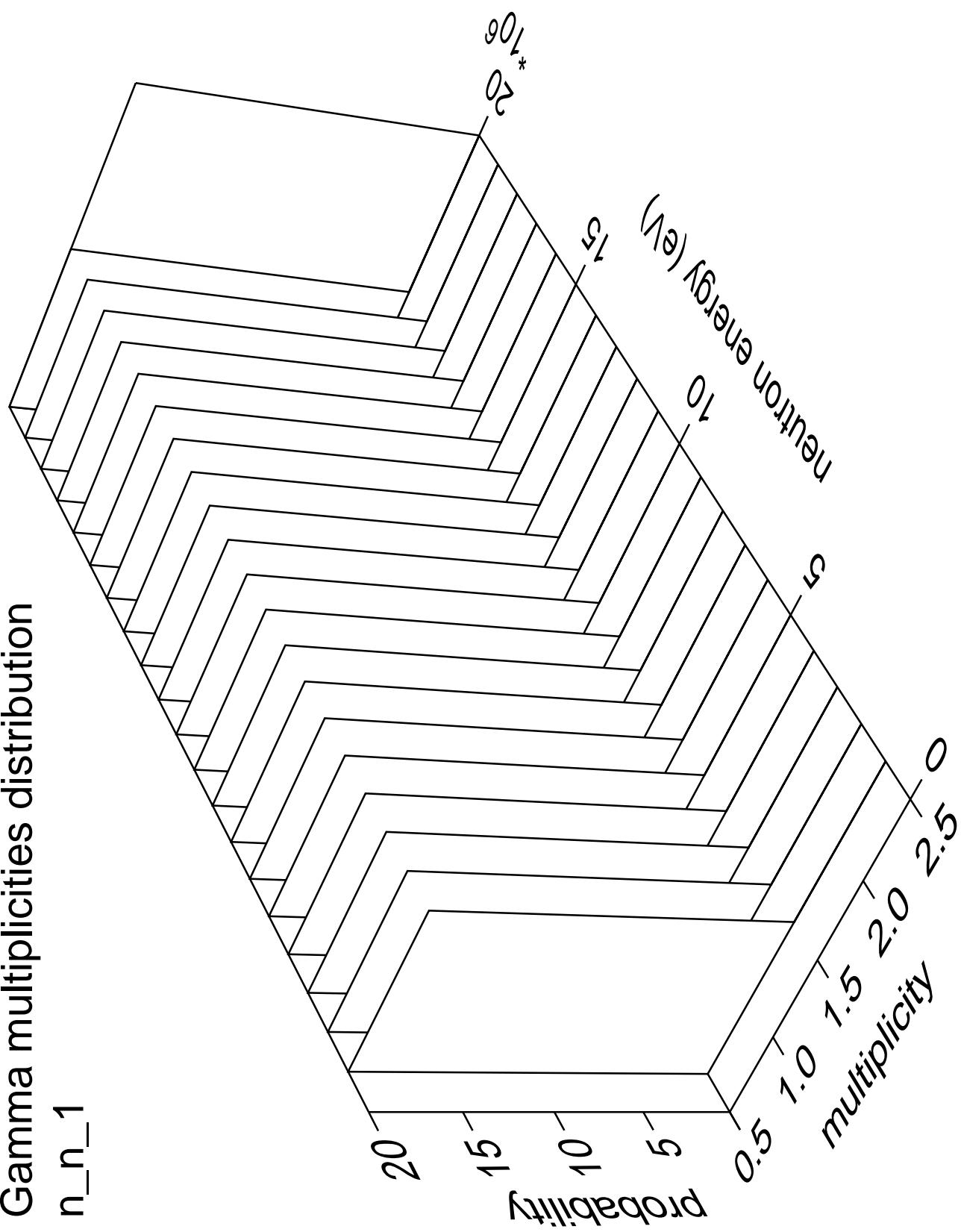
15

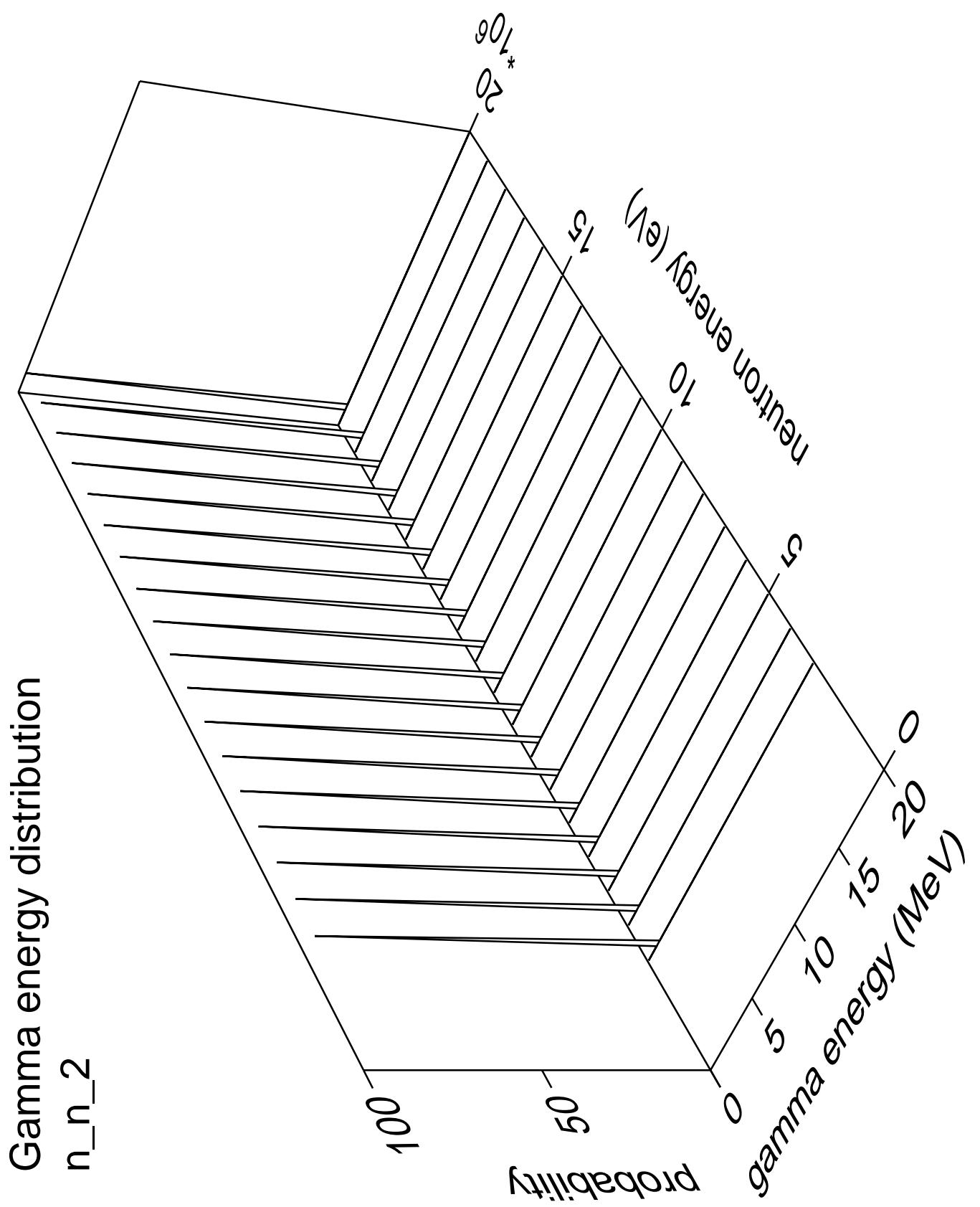
10

5

0

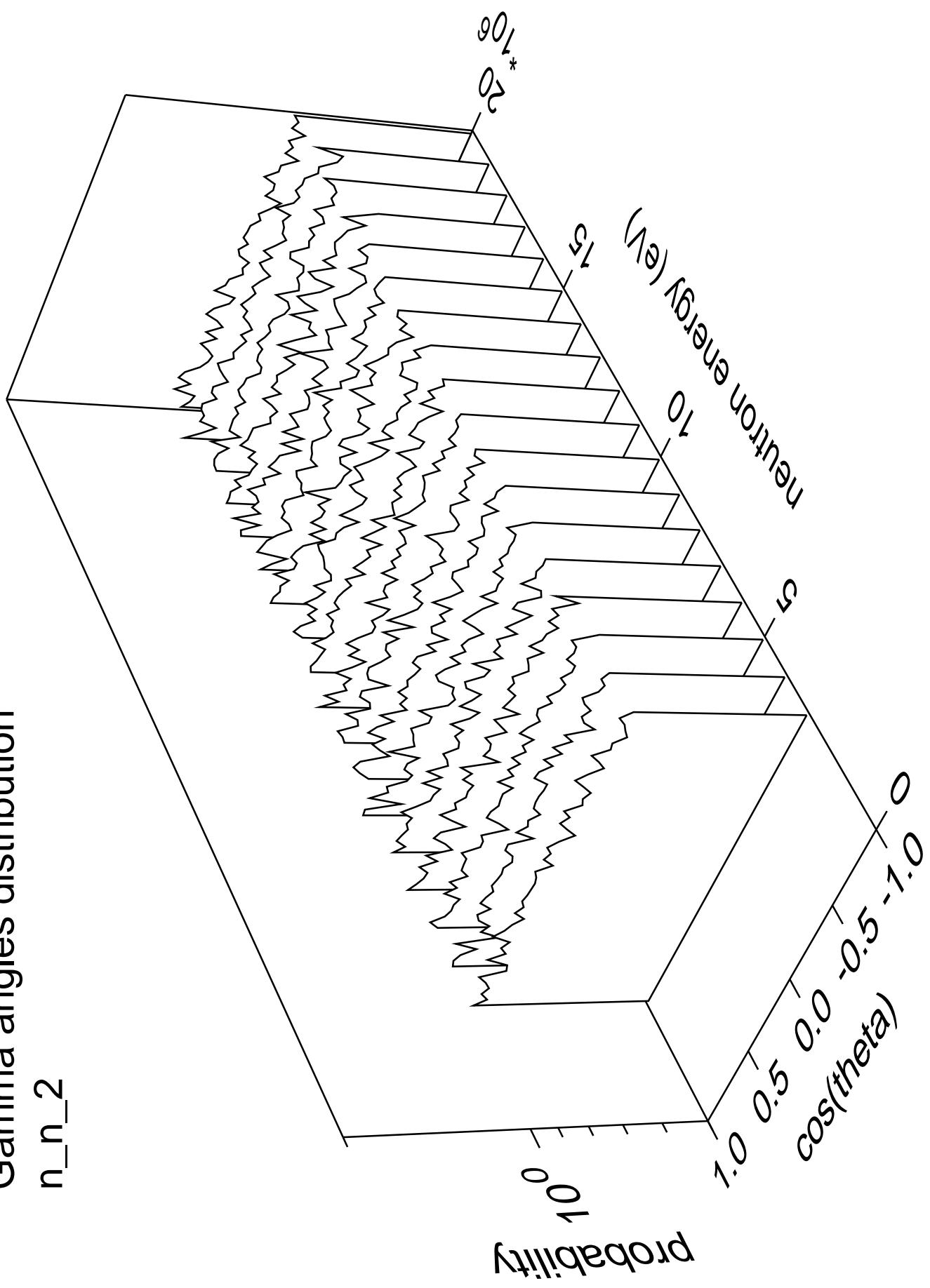
Gamma multiplicities distribution

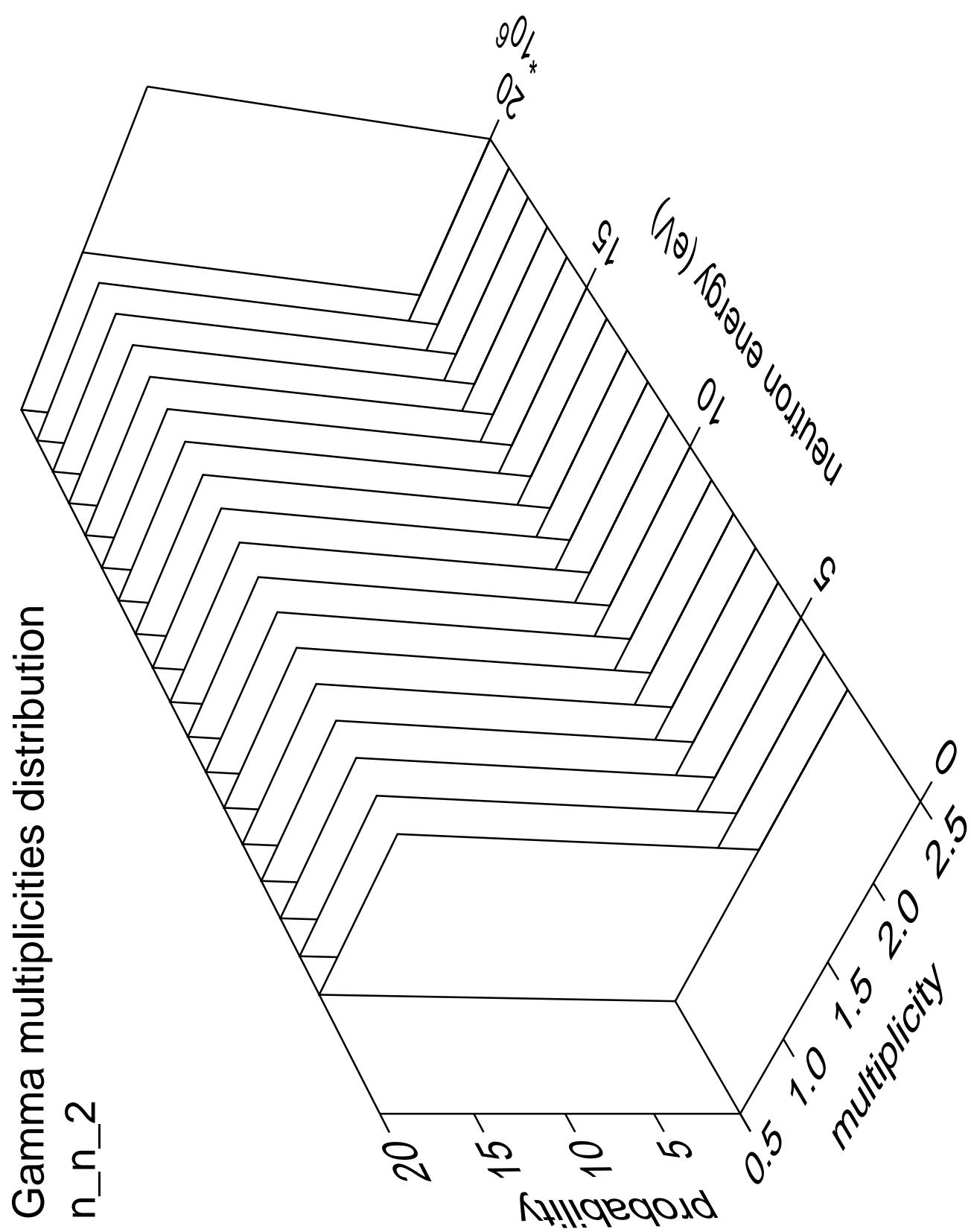




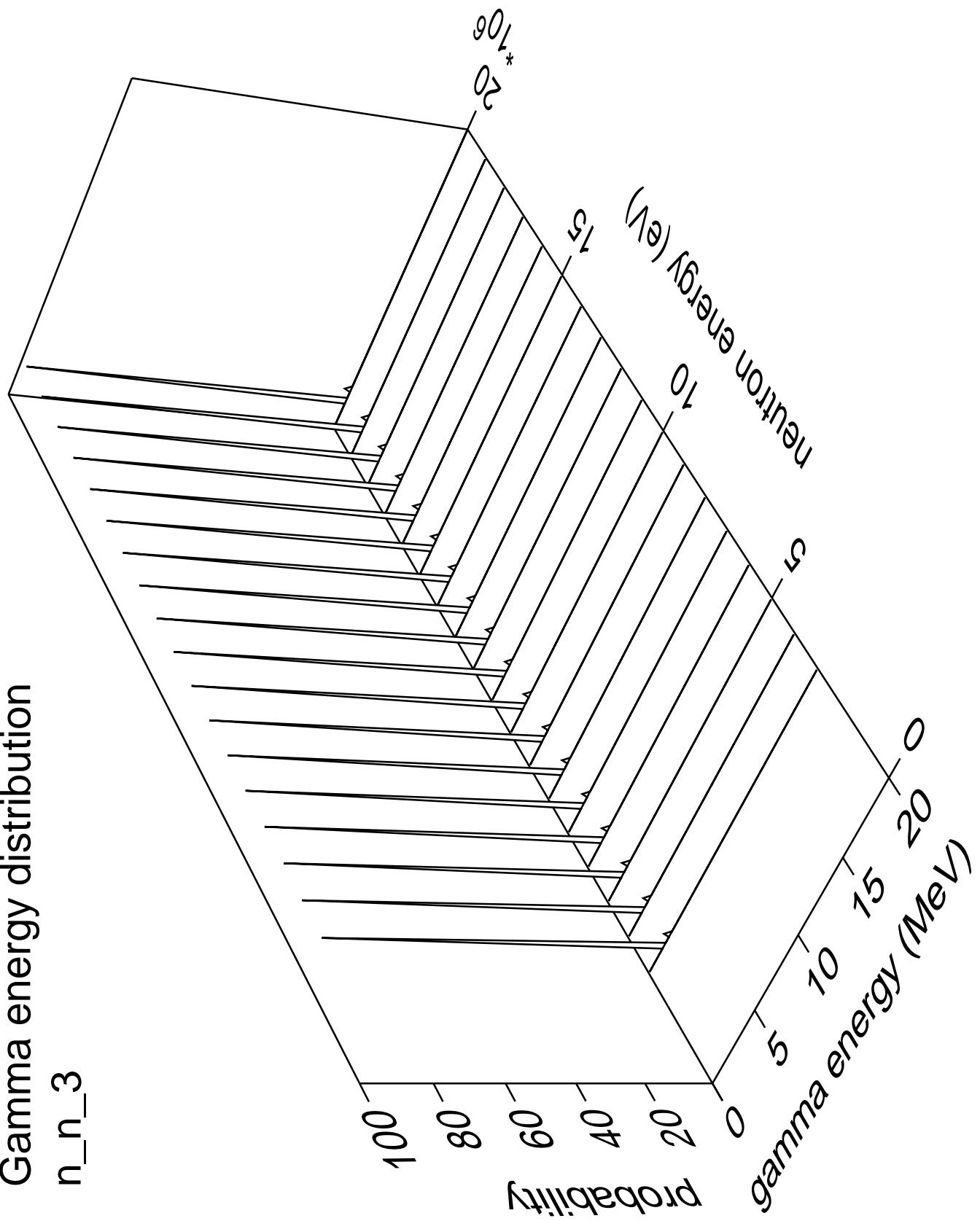
Gamma angles distribution

n\_n\_2



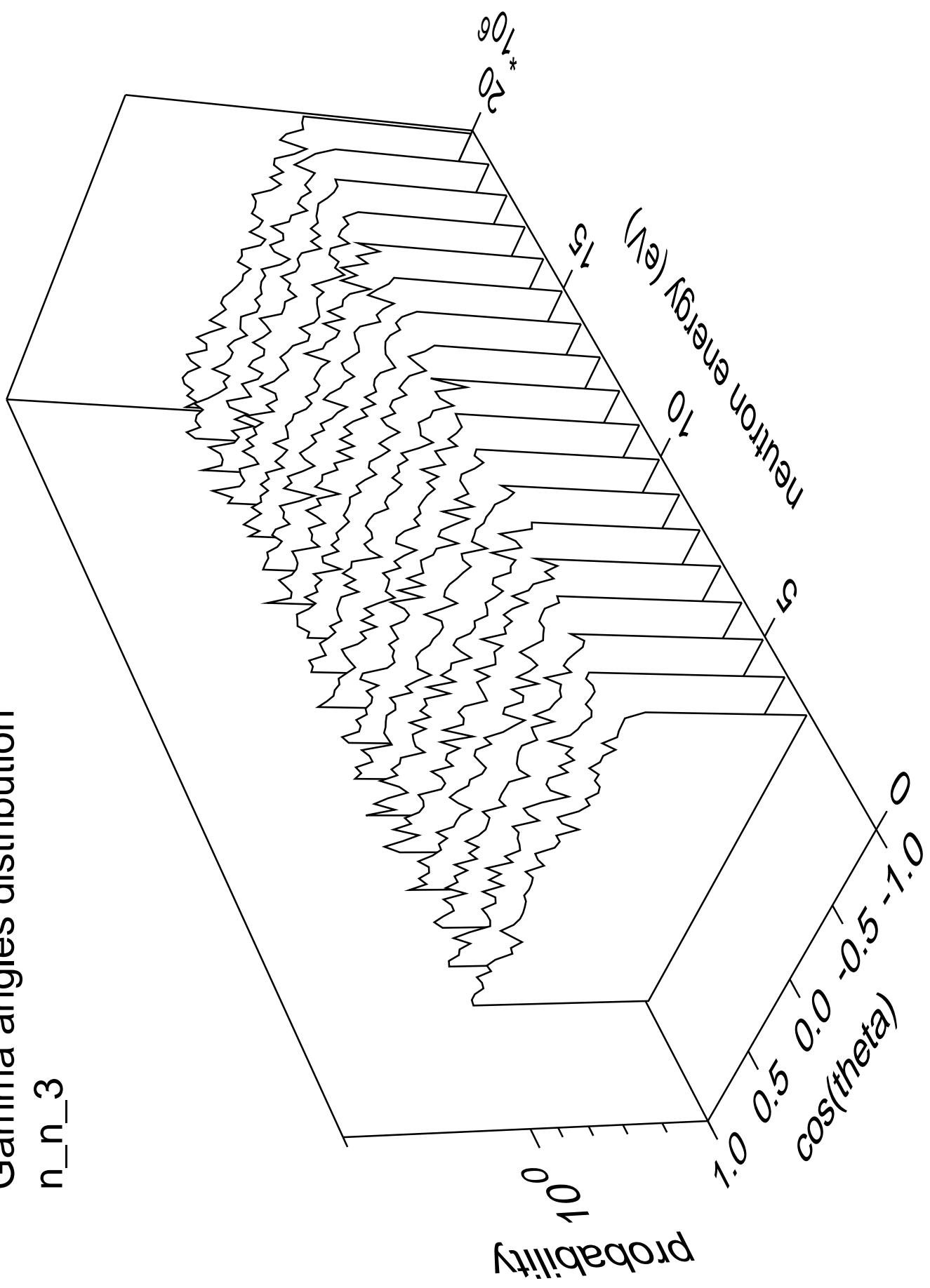


### Gamma energy distribution

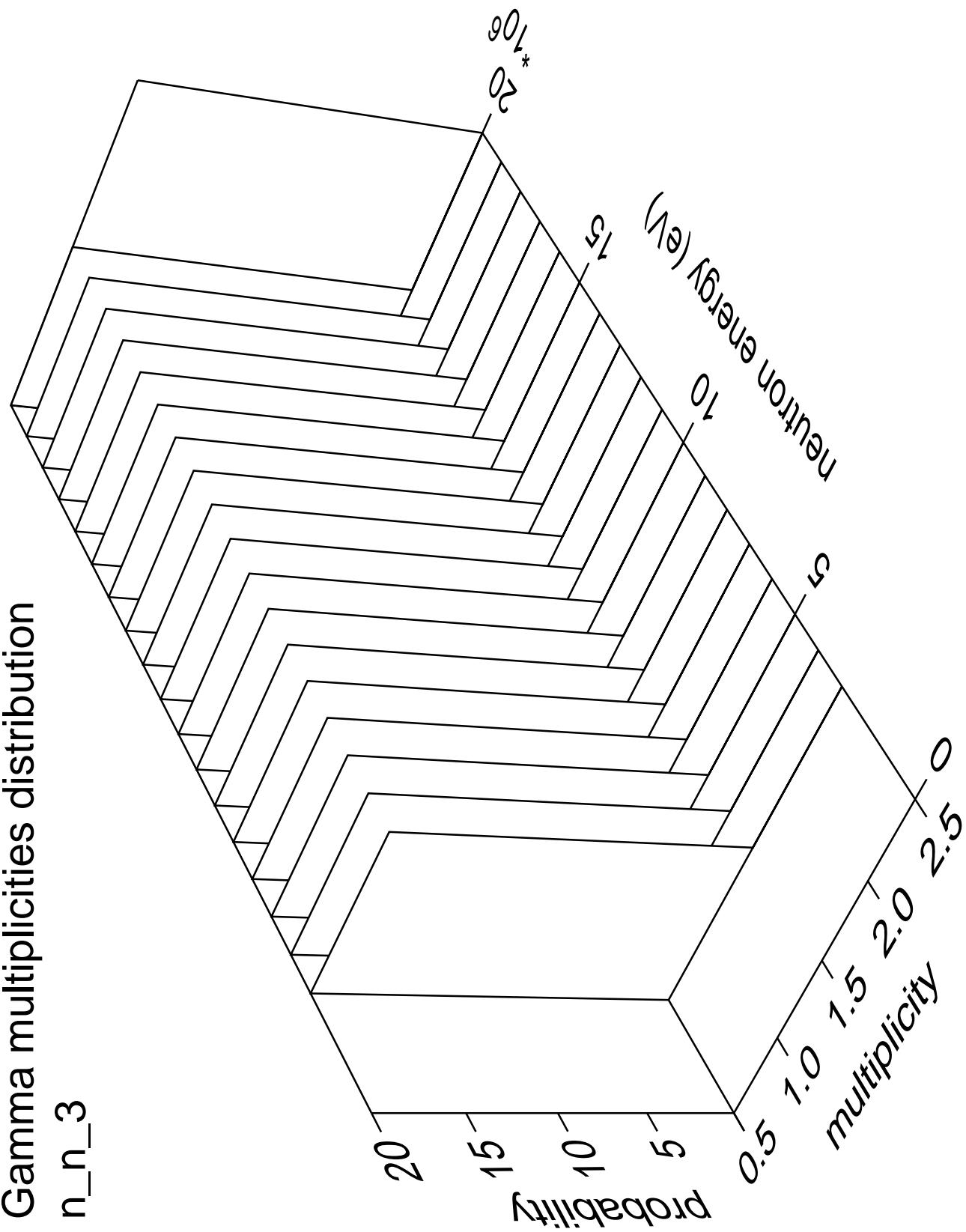


Gamma angles distribution

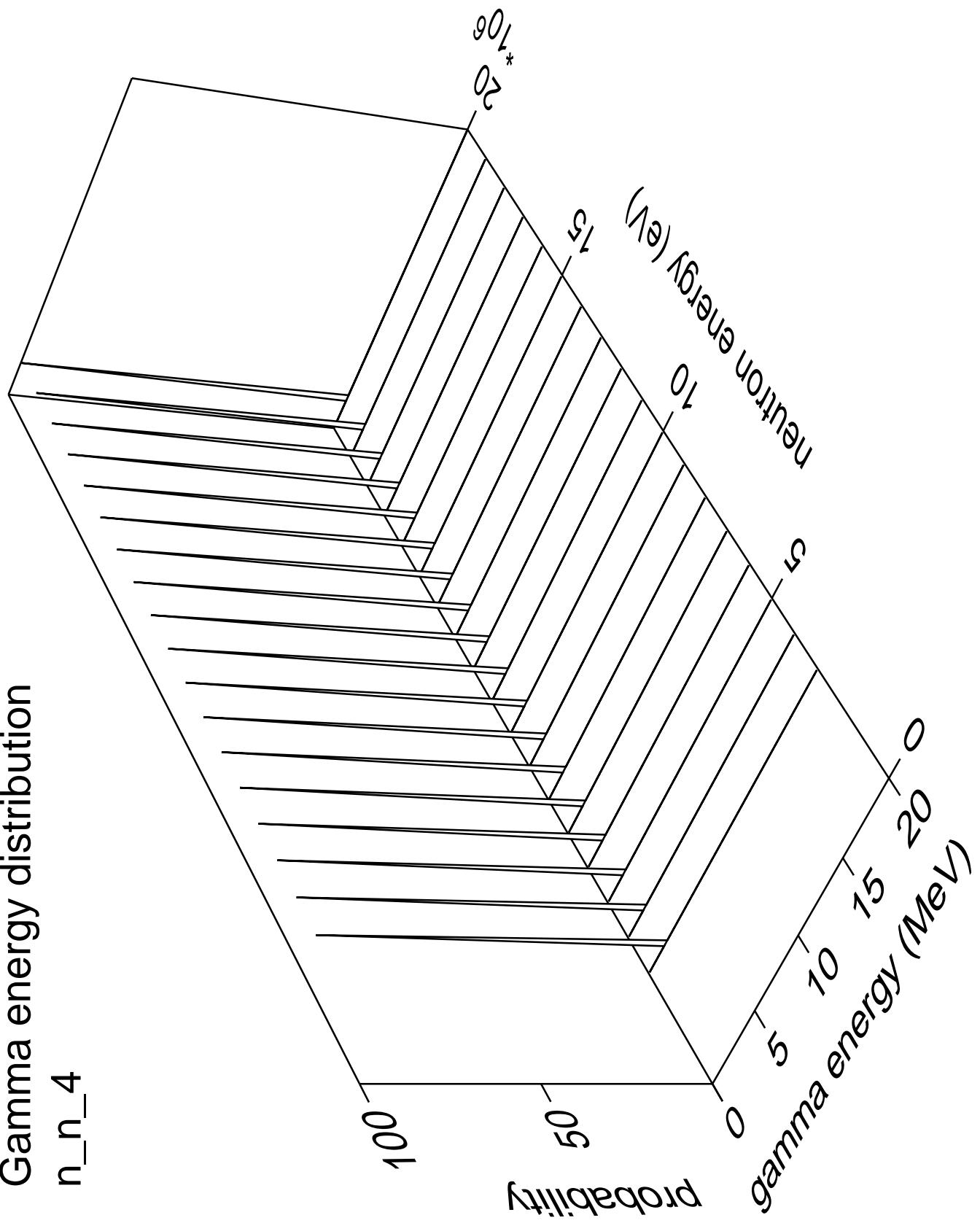
n\_n\_3



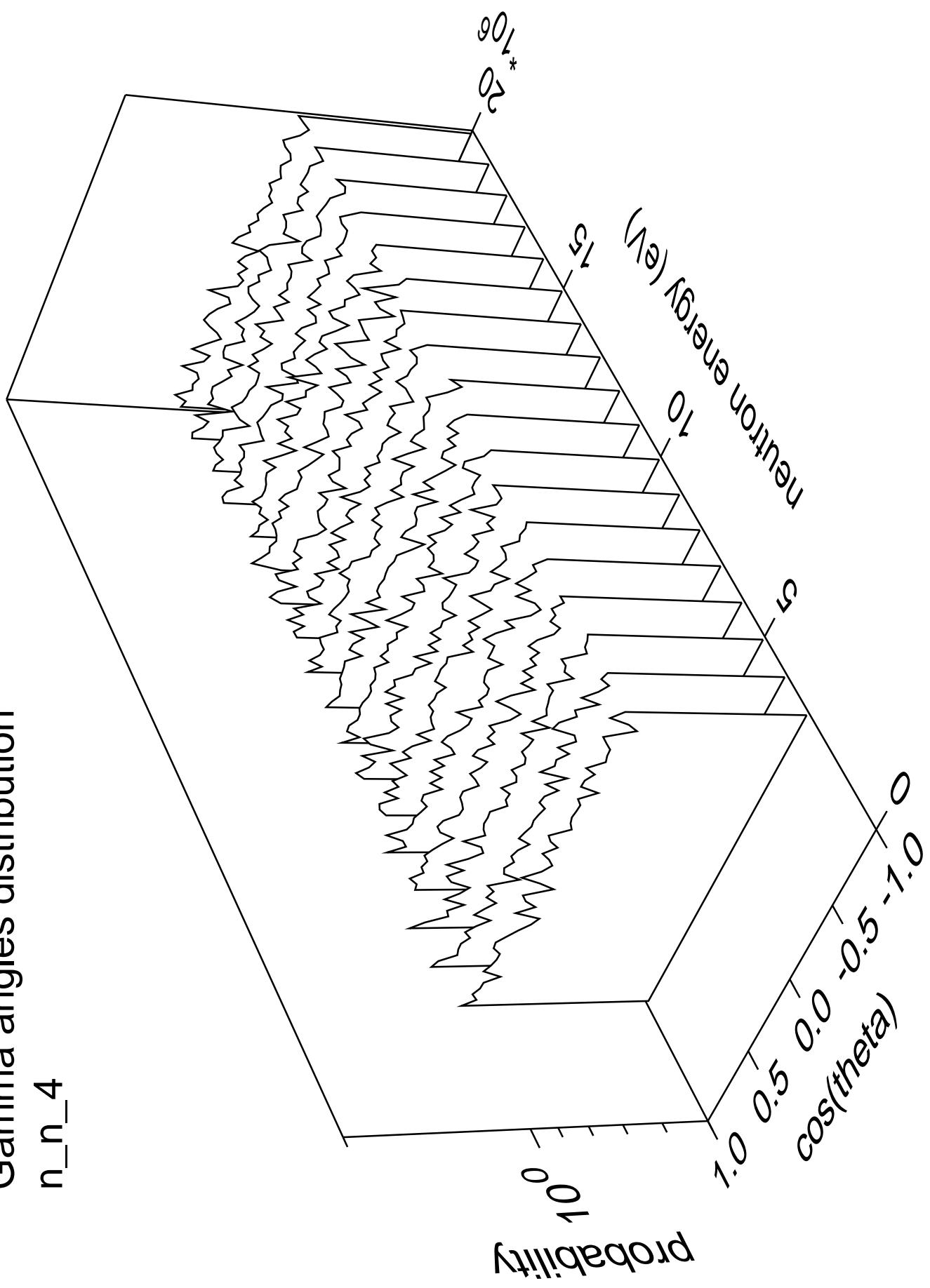
### Gamma multiplicities distribution



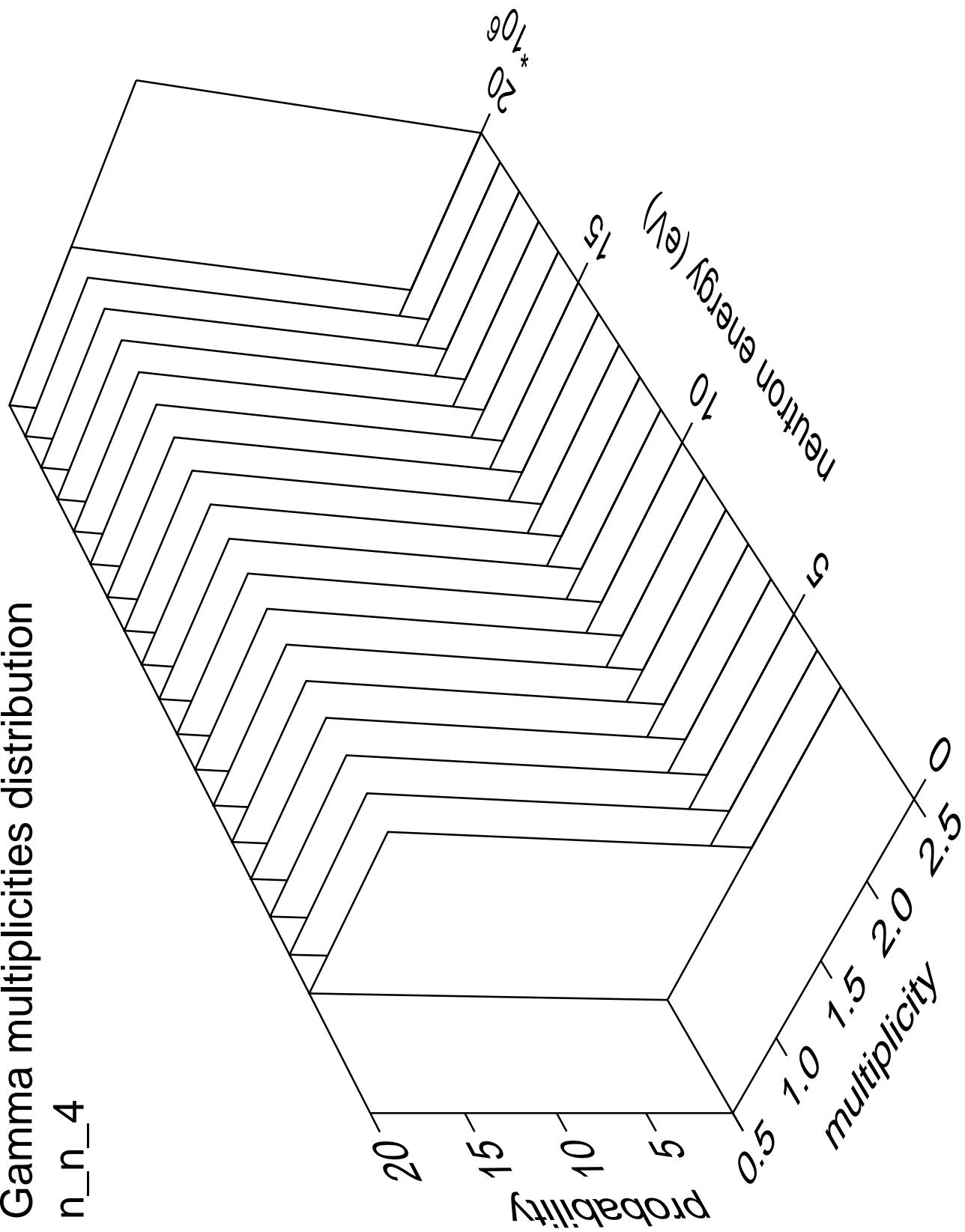
# $n_n_4$

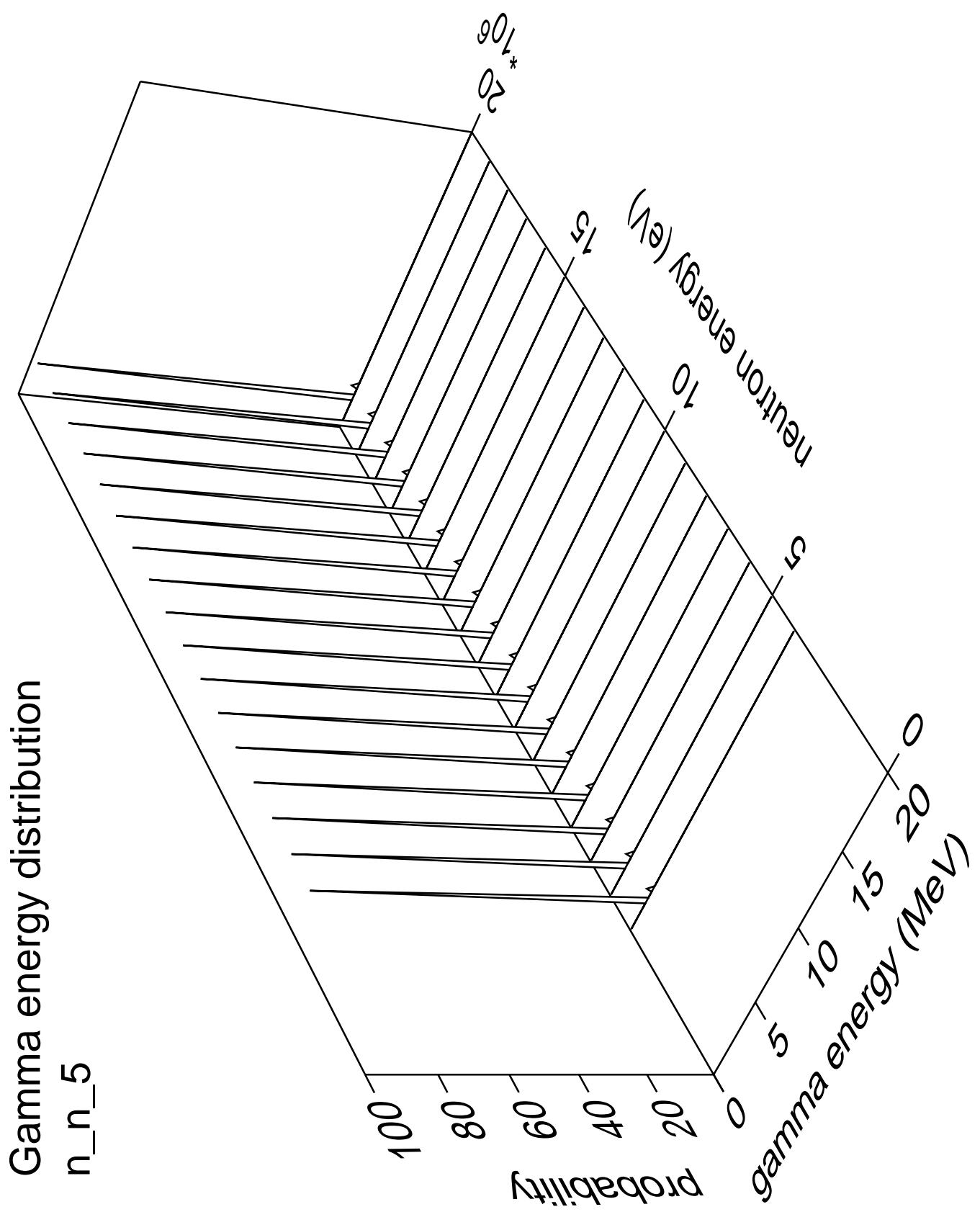


## Gamma angles distribution



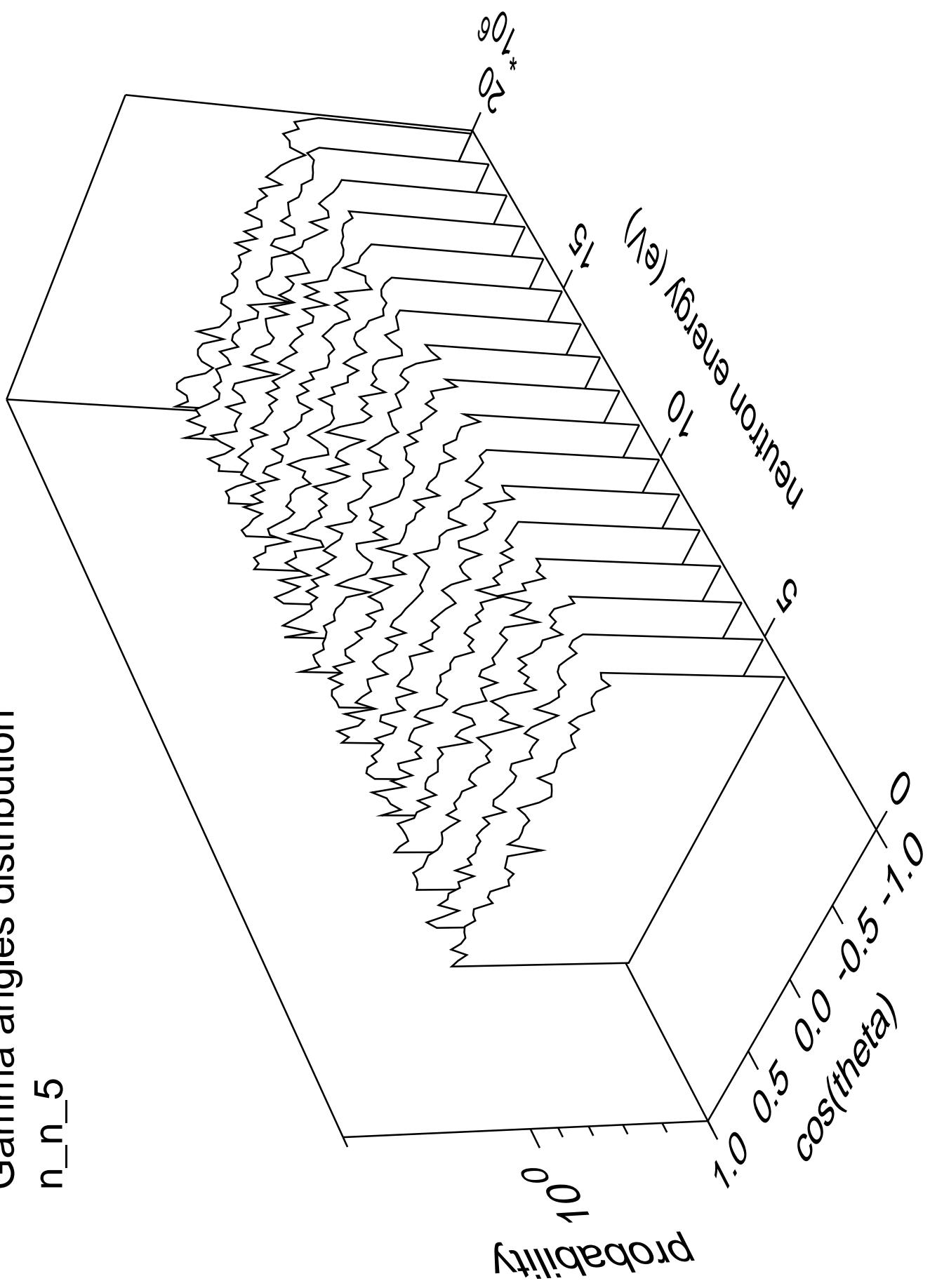
## Gamma multiplicities distribution



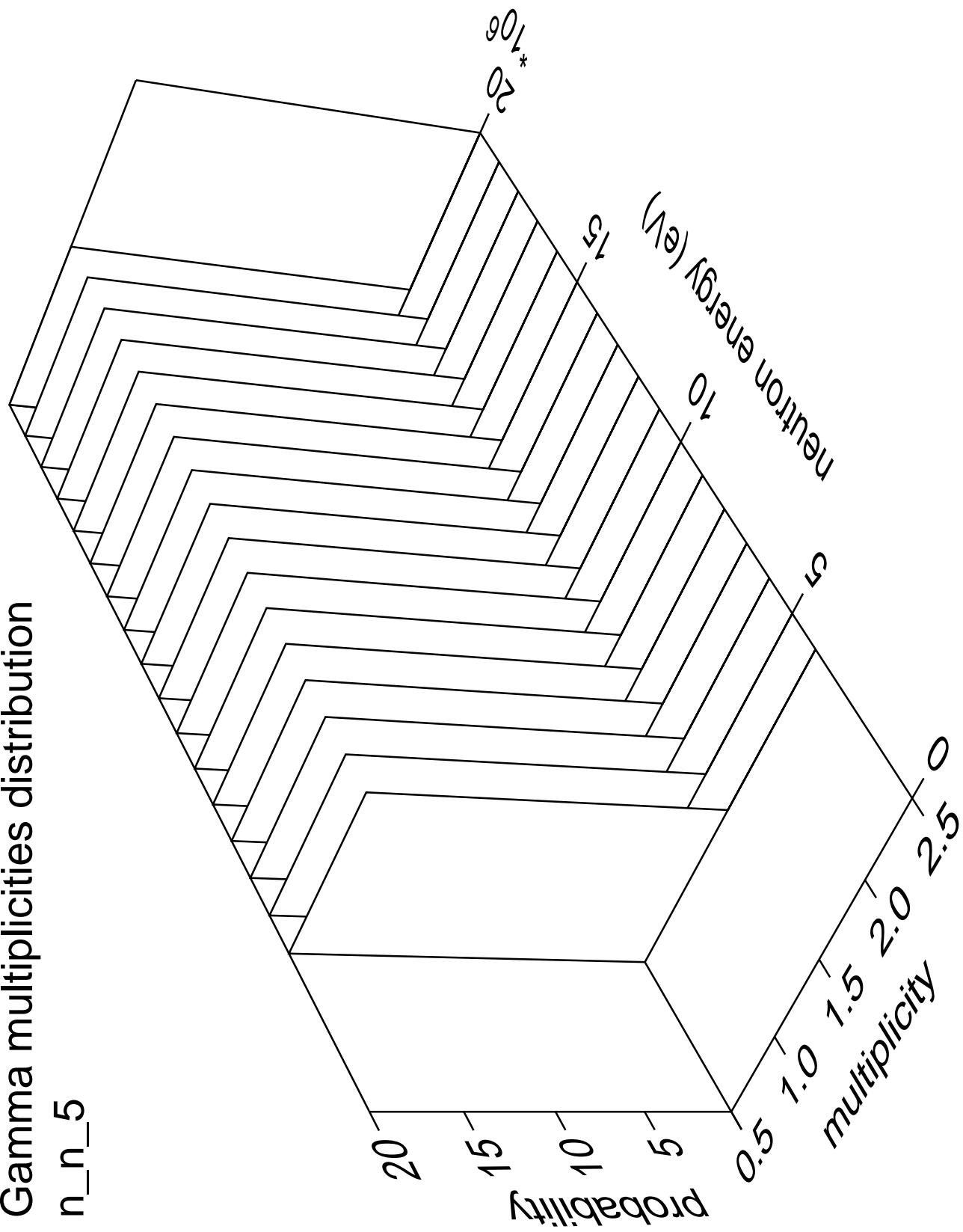


Gamma angles distribution

n\_n\_5

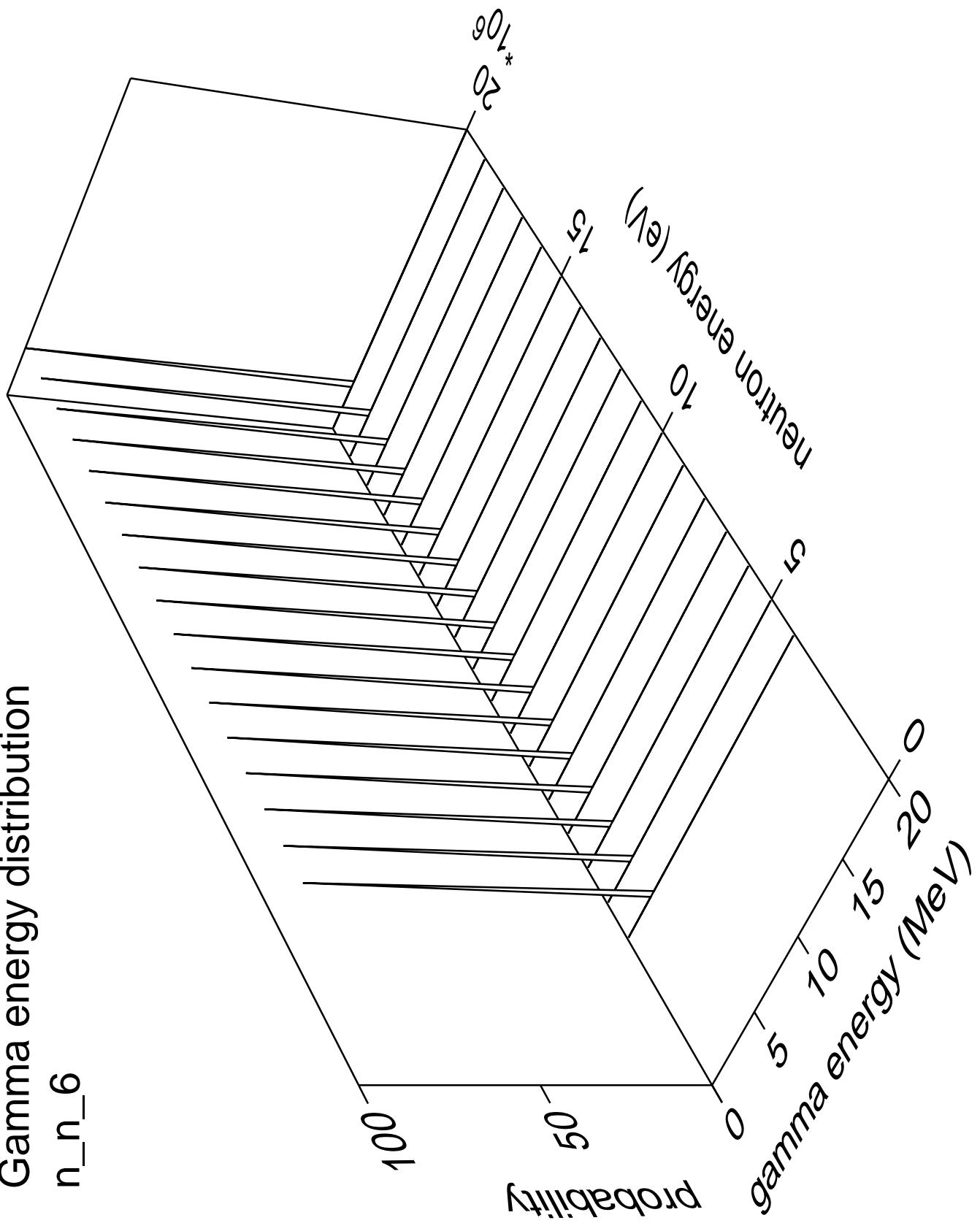


## Gamma multiplicities distribution



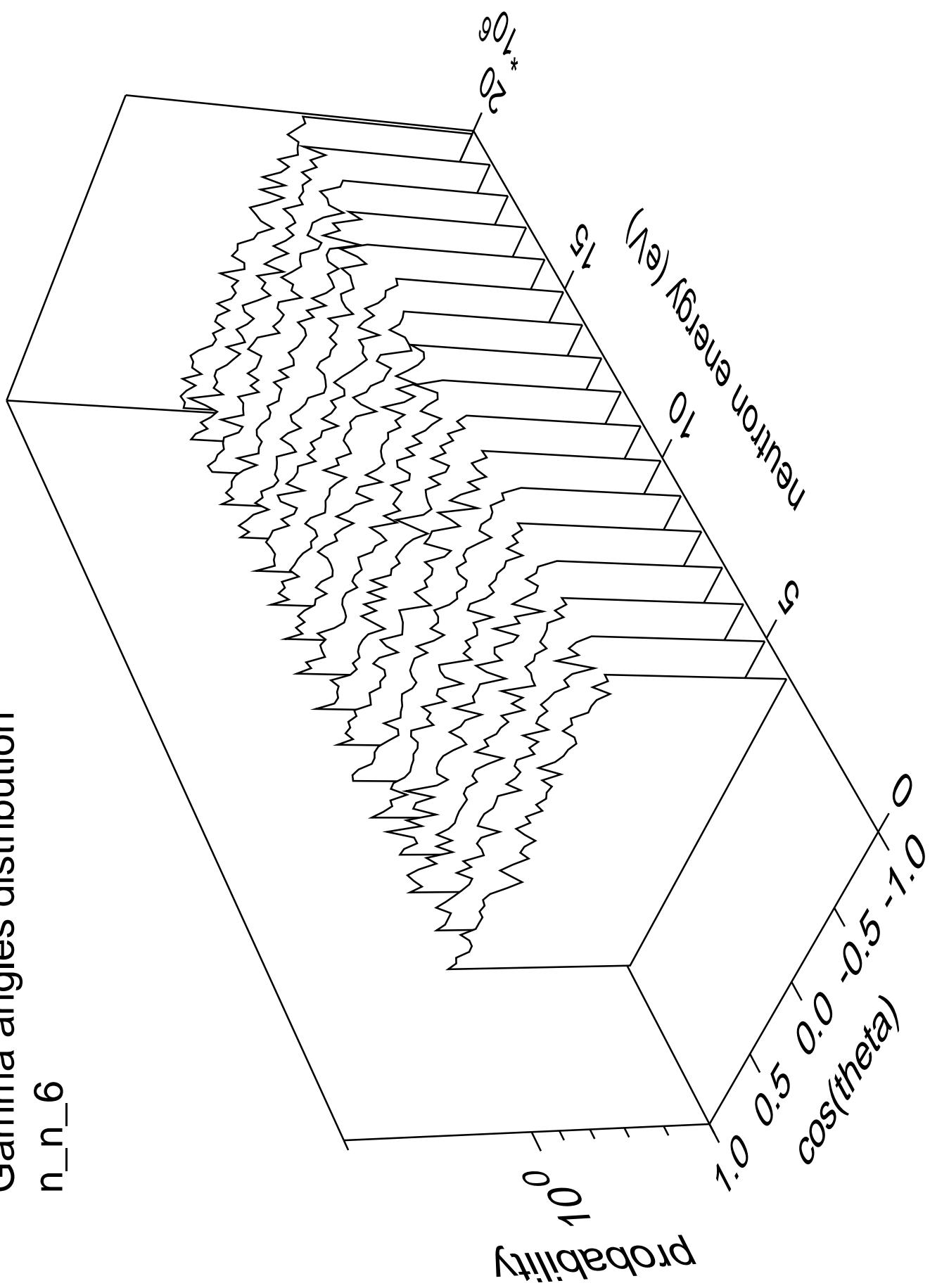
Gamma energy distribution

n\_n\_6

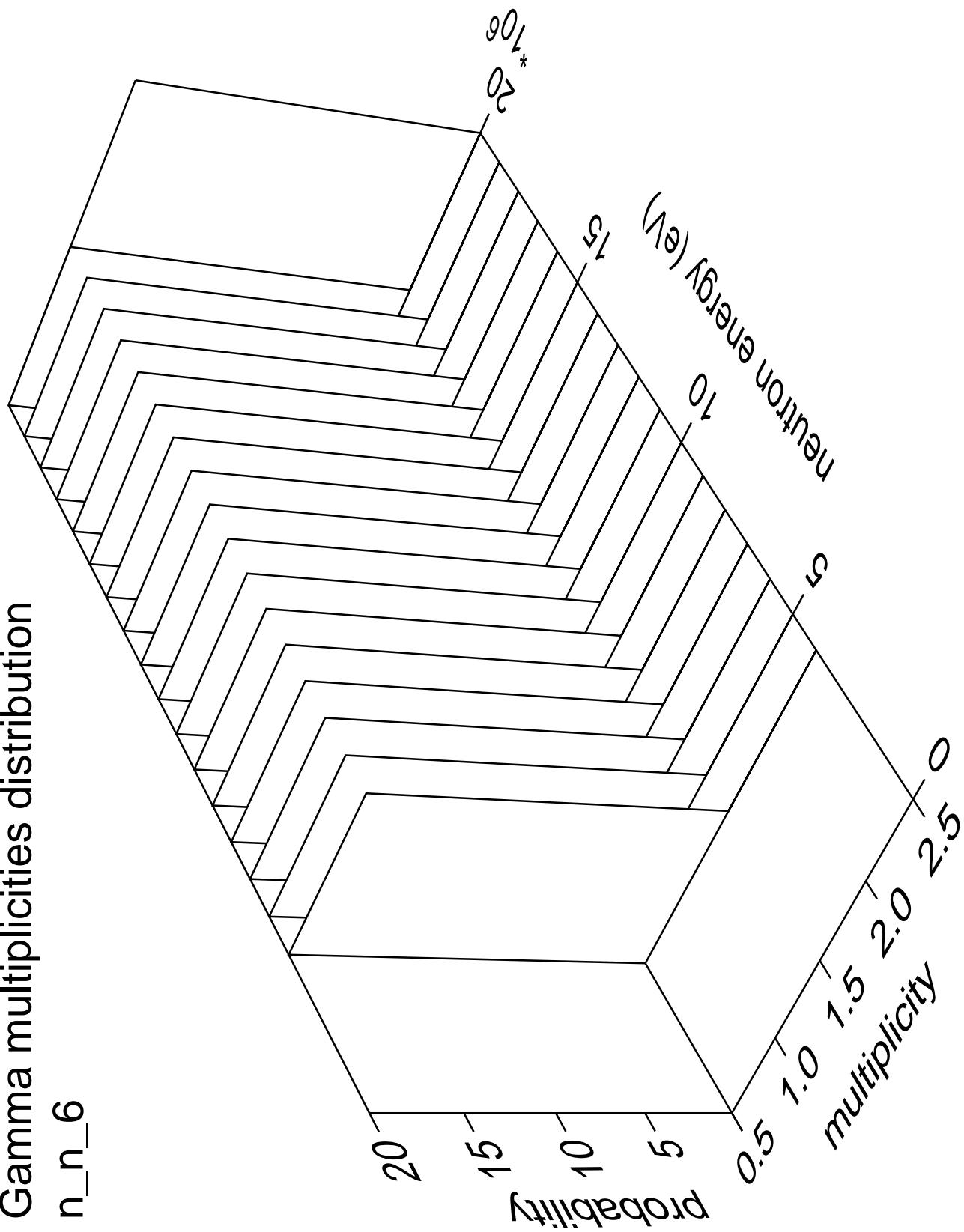


Gamma angles distribution

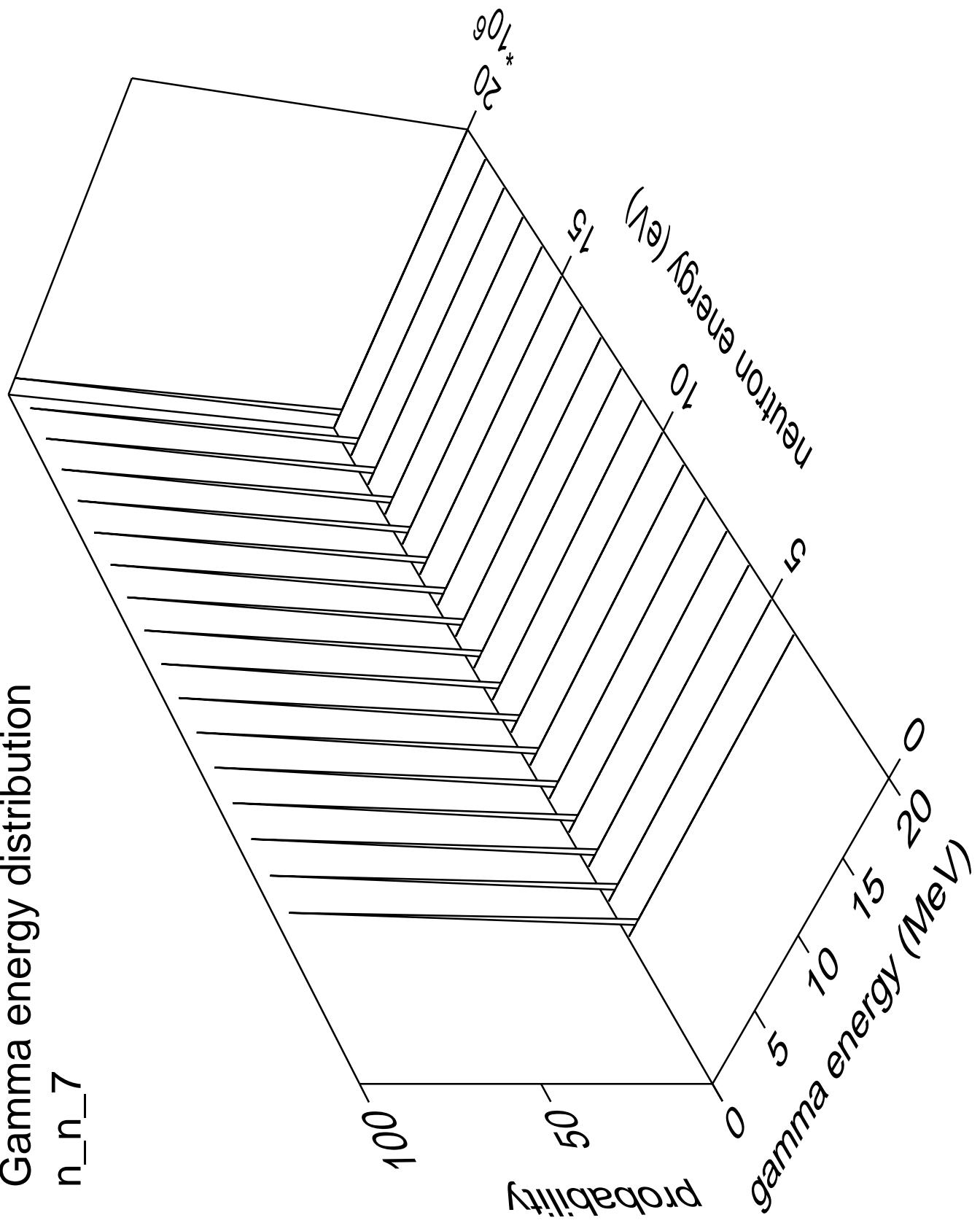
n\_n\_6



## Gamma multiplicities distribution

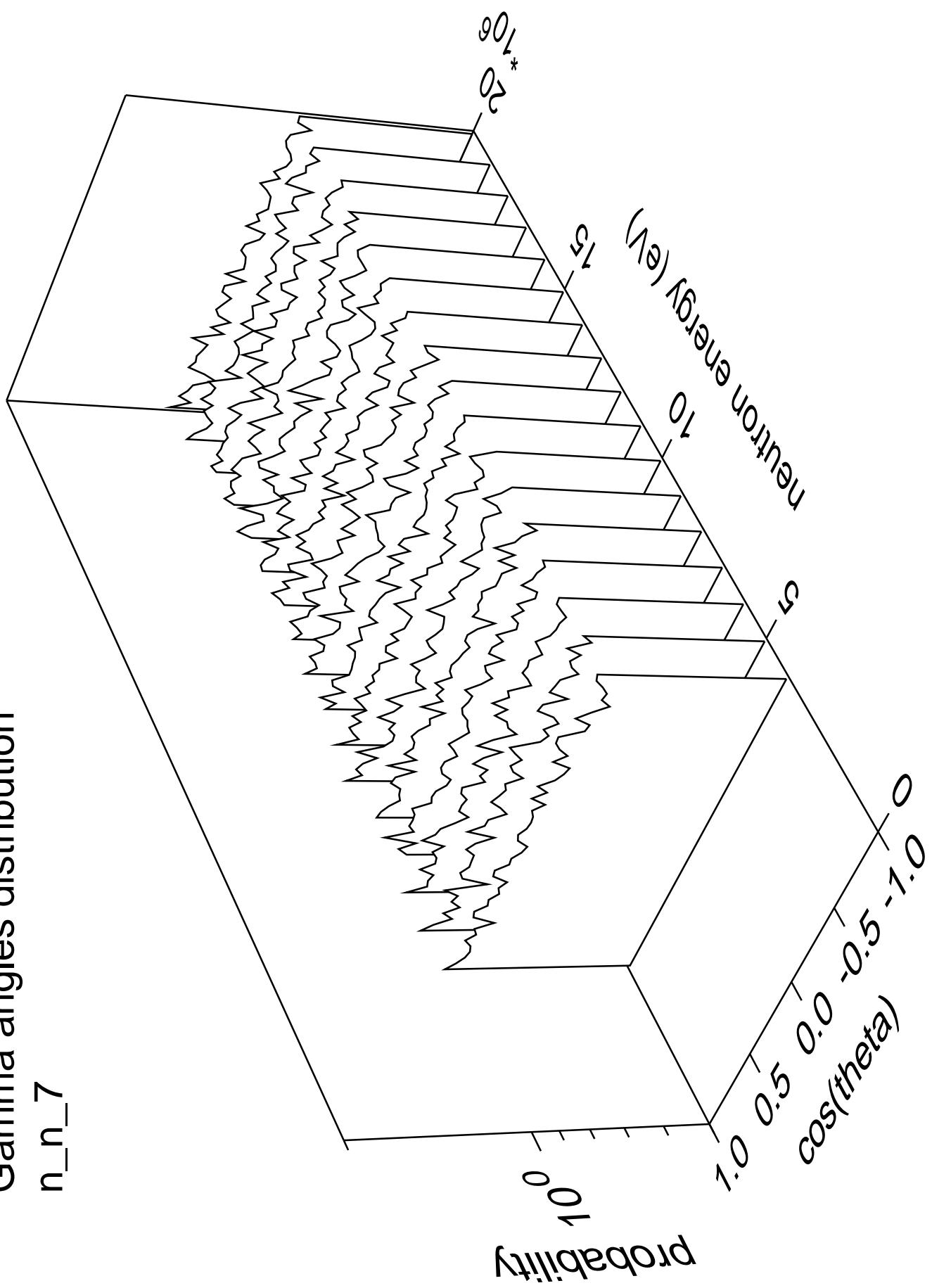


# Gamma energy distribution

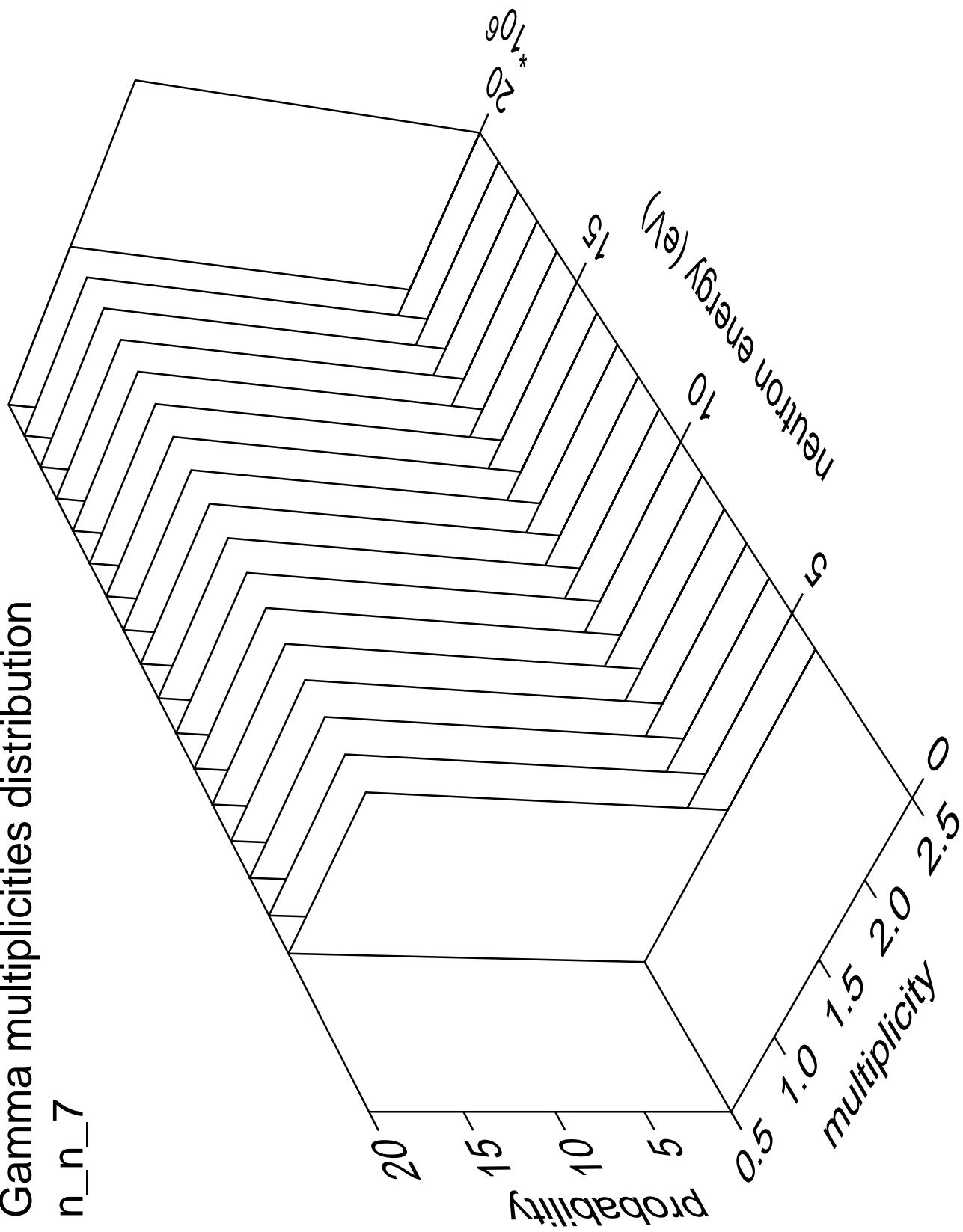


Gamma angles distribution

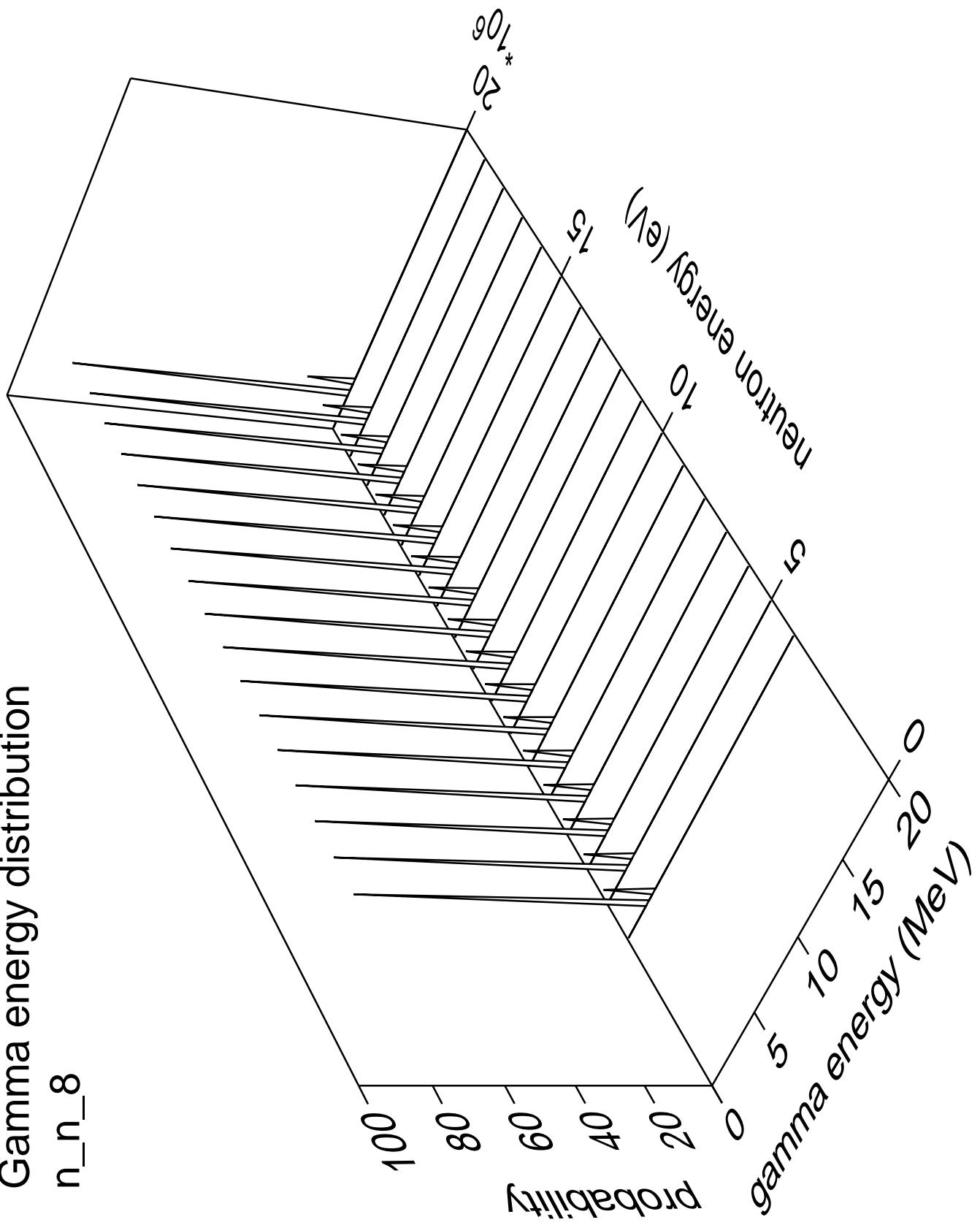
n\_n\_7



## Gamma multiplicities distribution

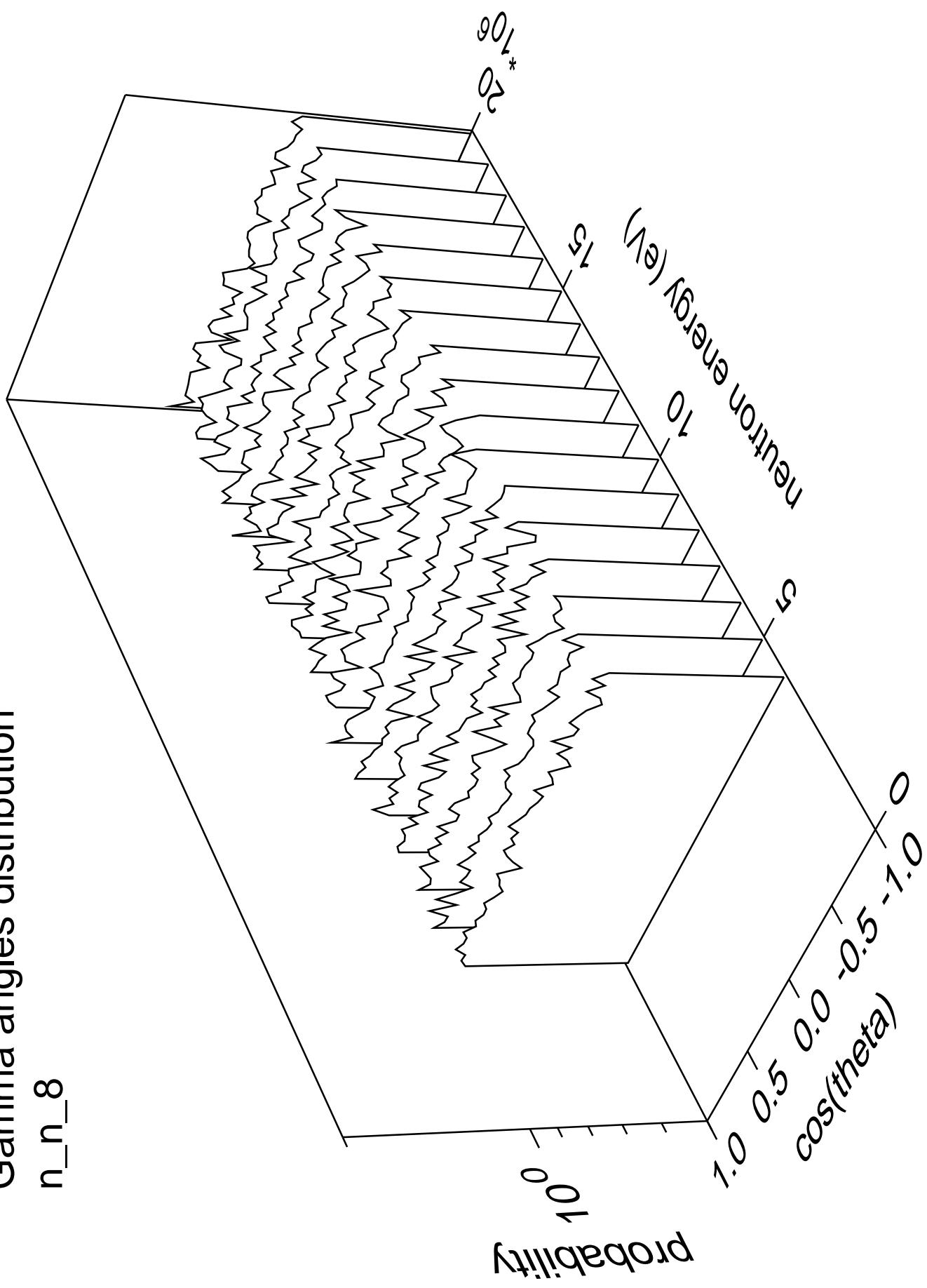


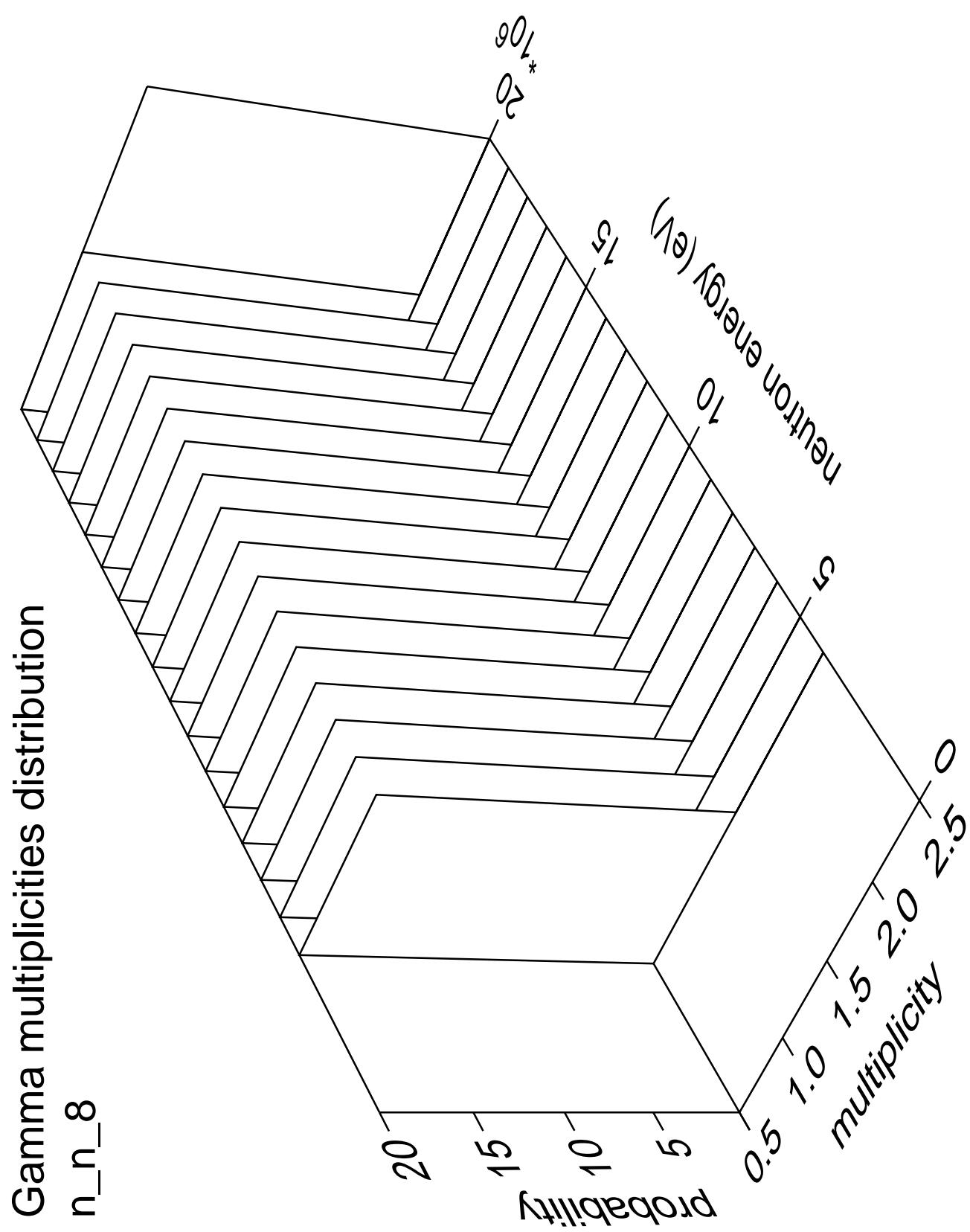
# Gamma energy distribution n\_n\_8

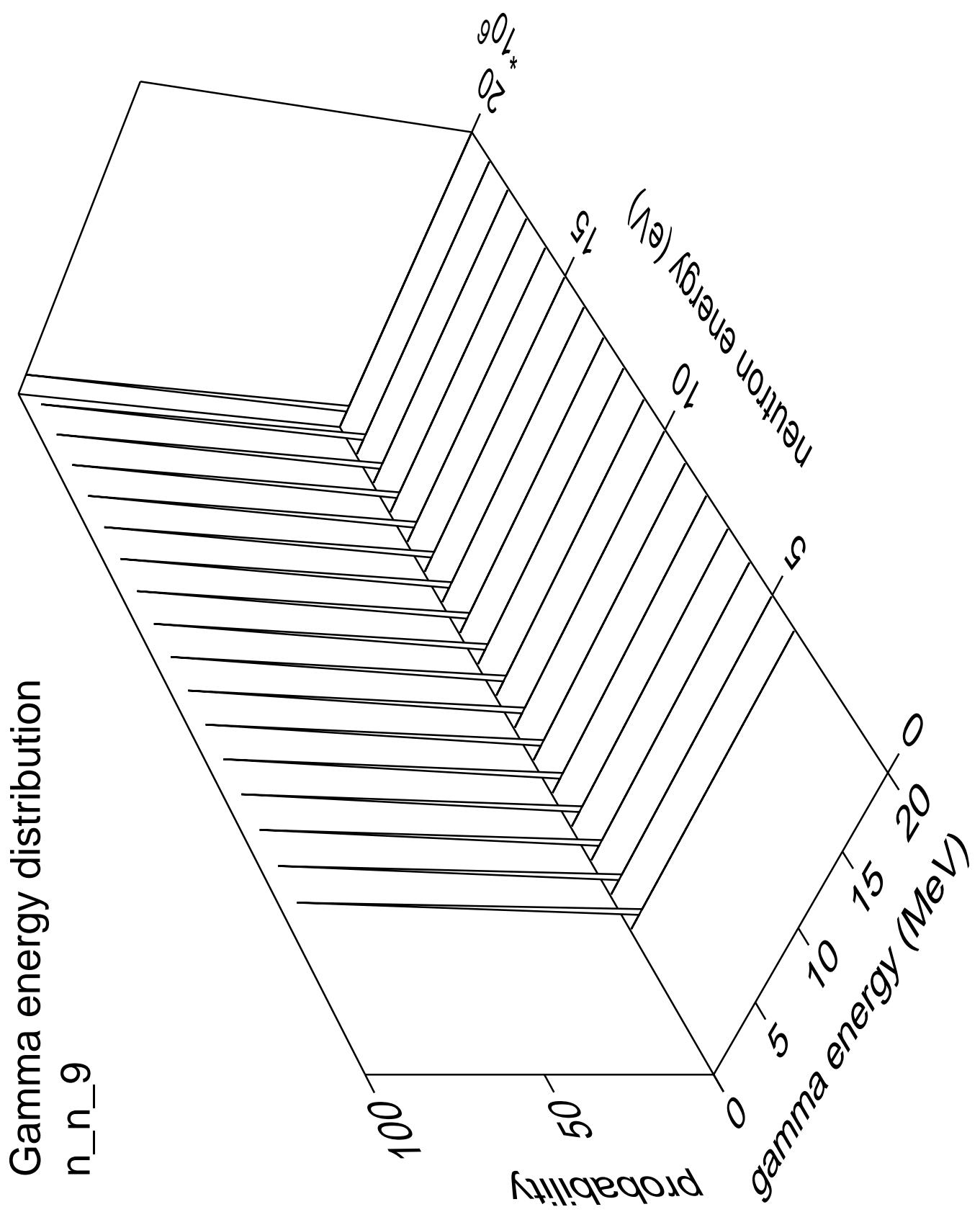


Gamma angles distribution

n\_n\_8

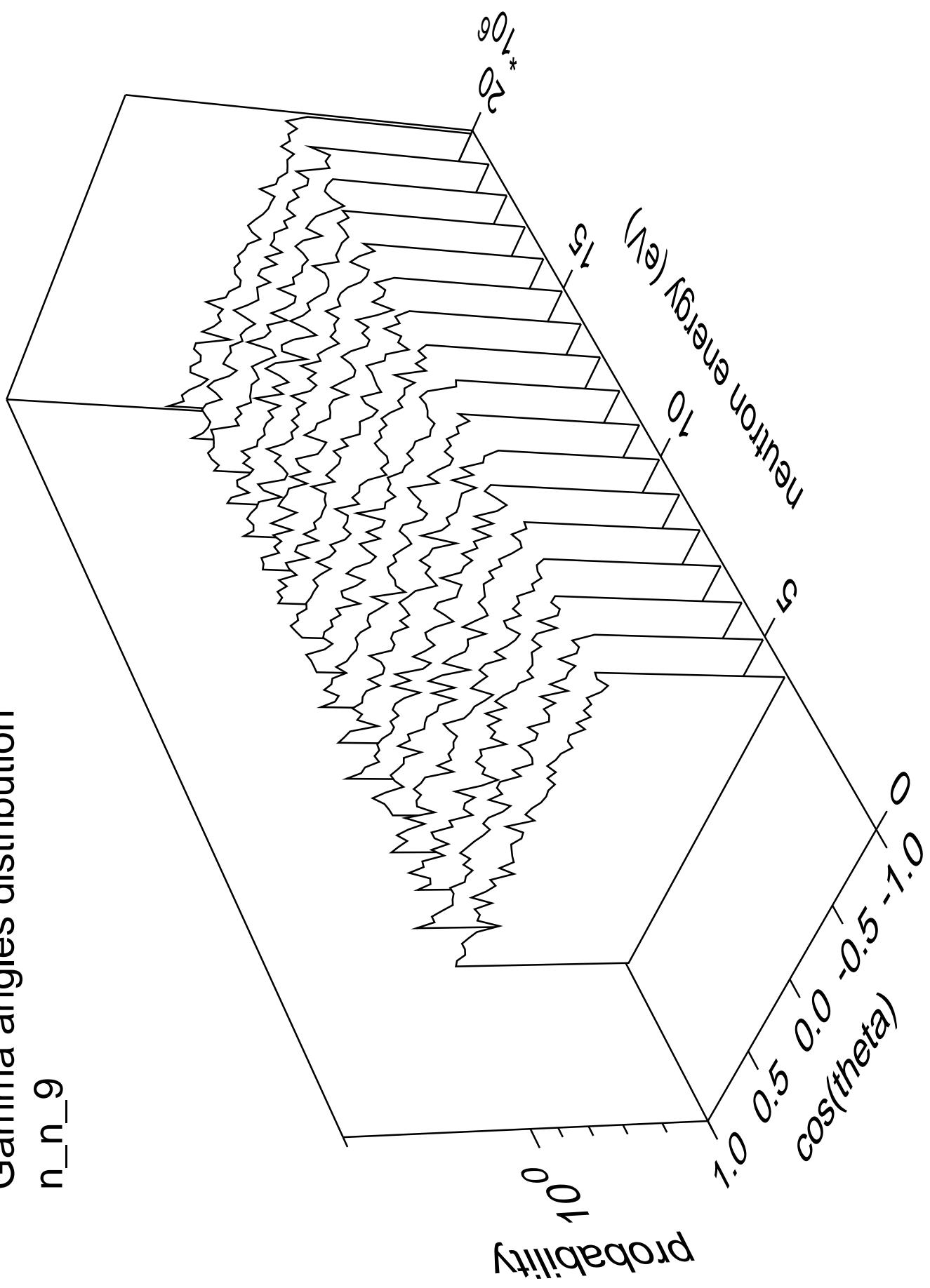




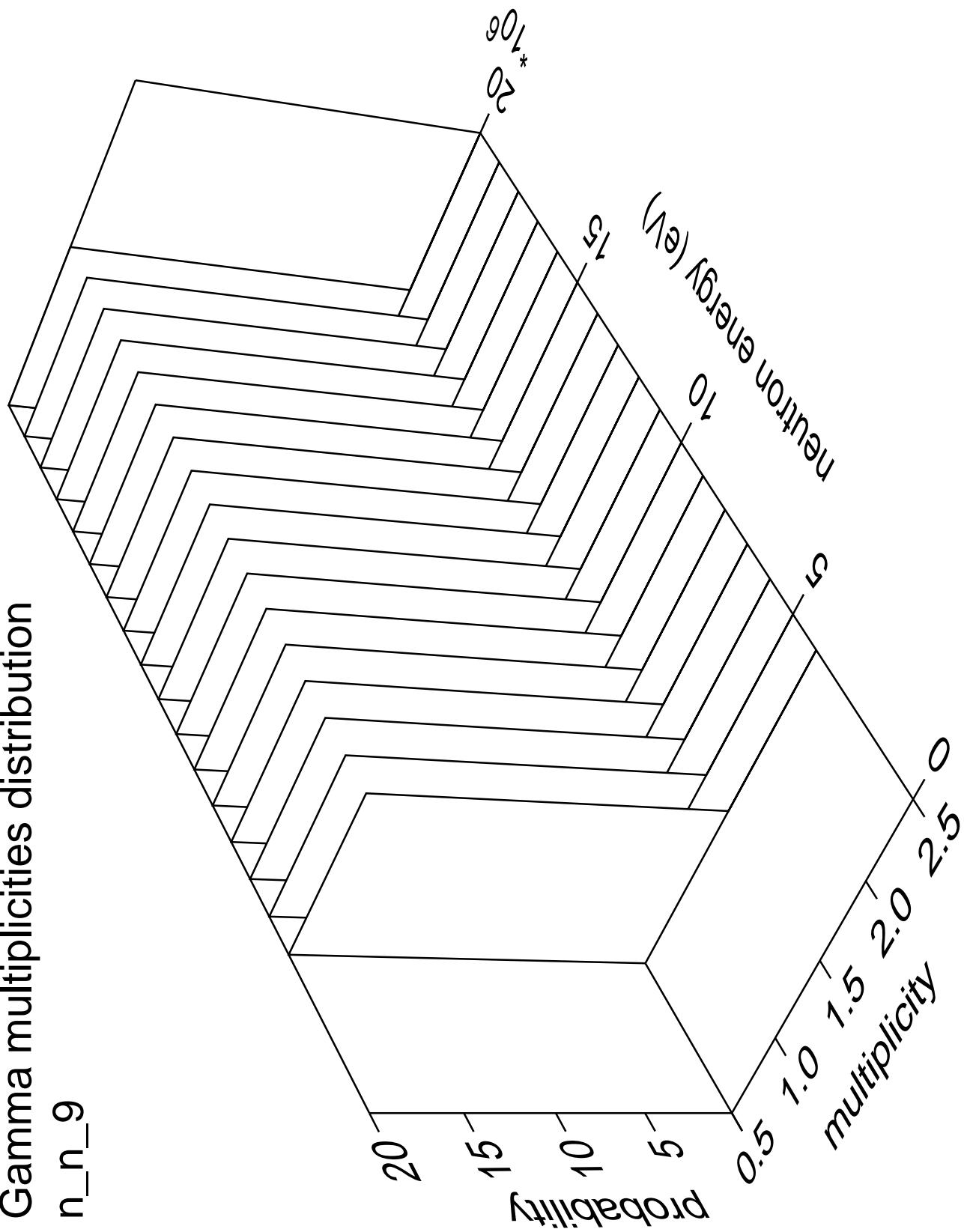


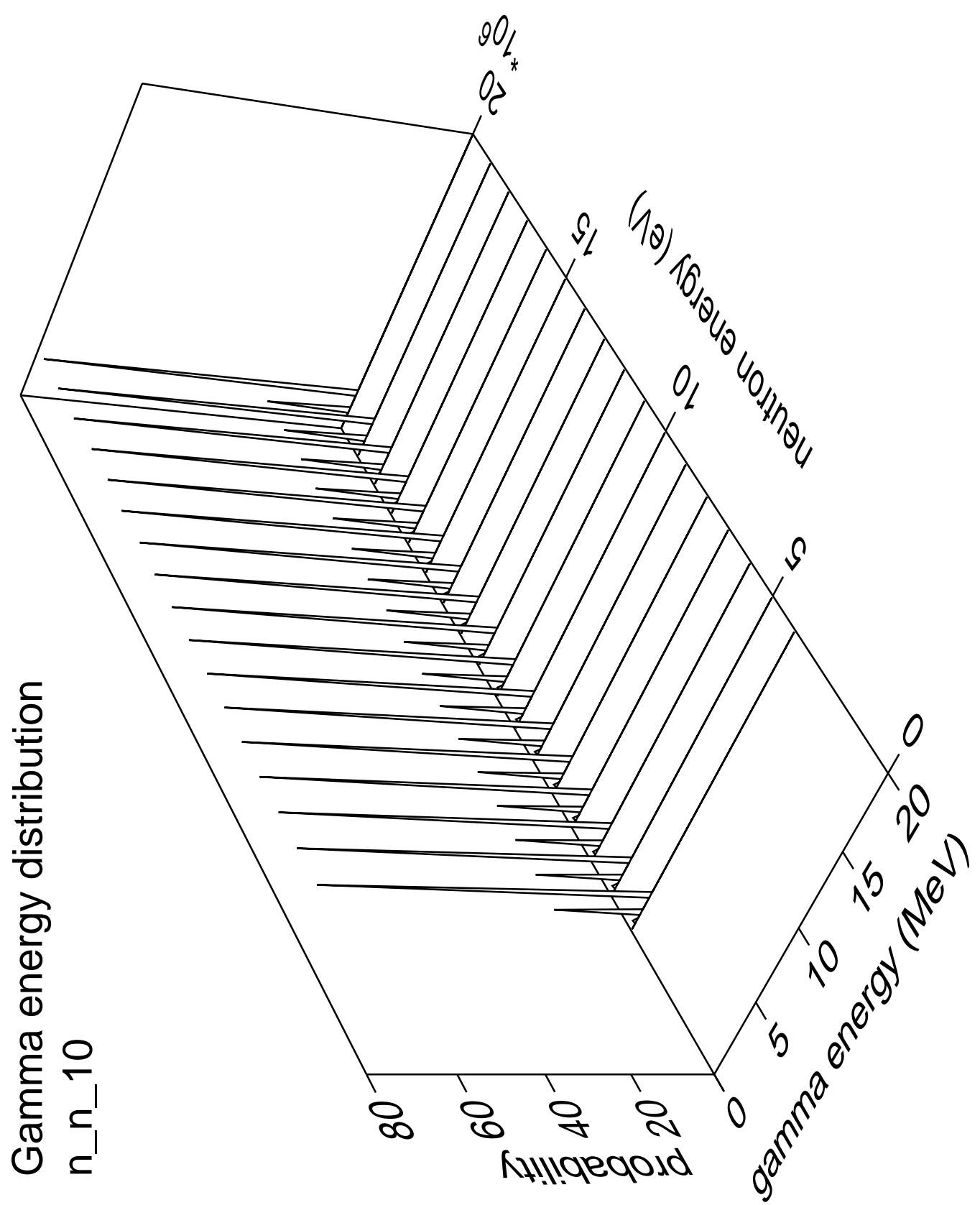
Gamma angles distribution

n\_n\_9



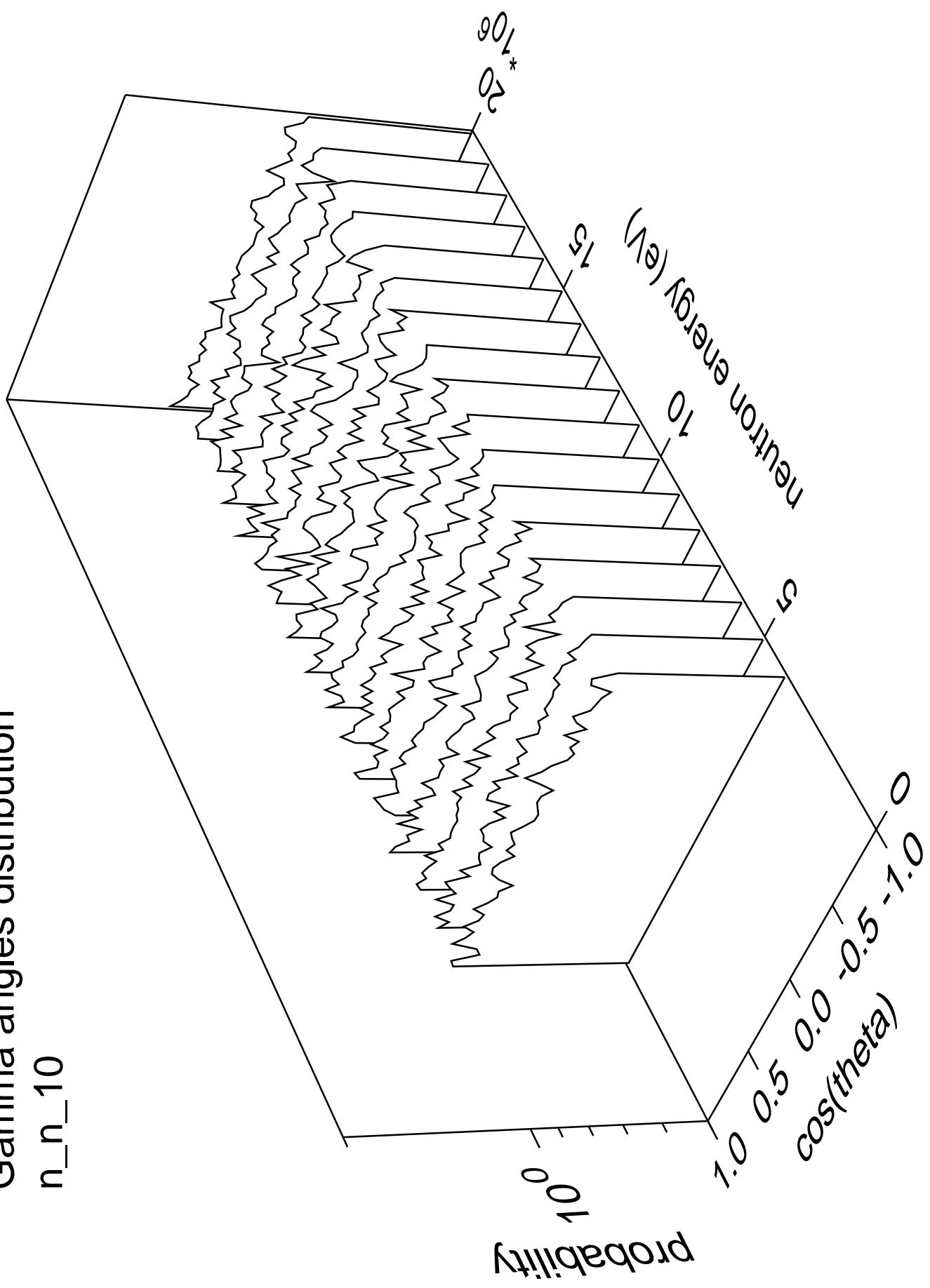
## Gamma multiplicities distribution

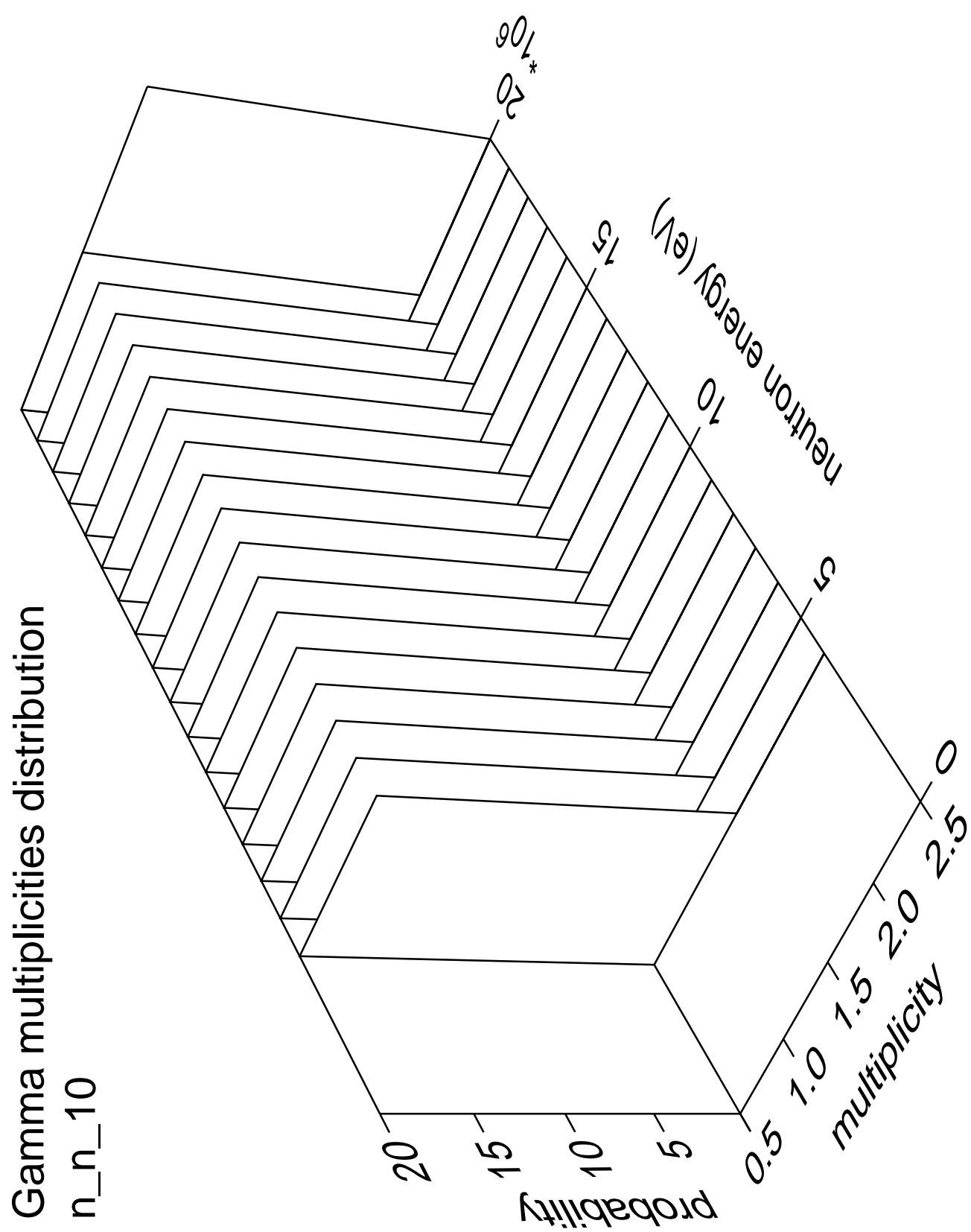




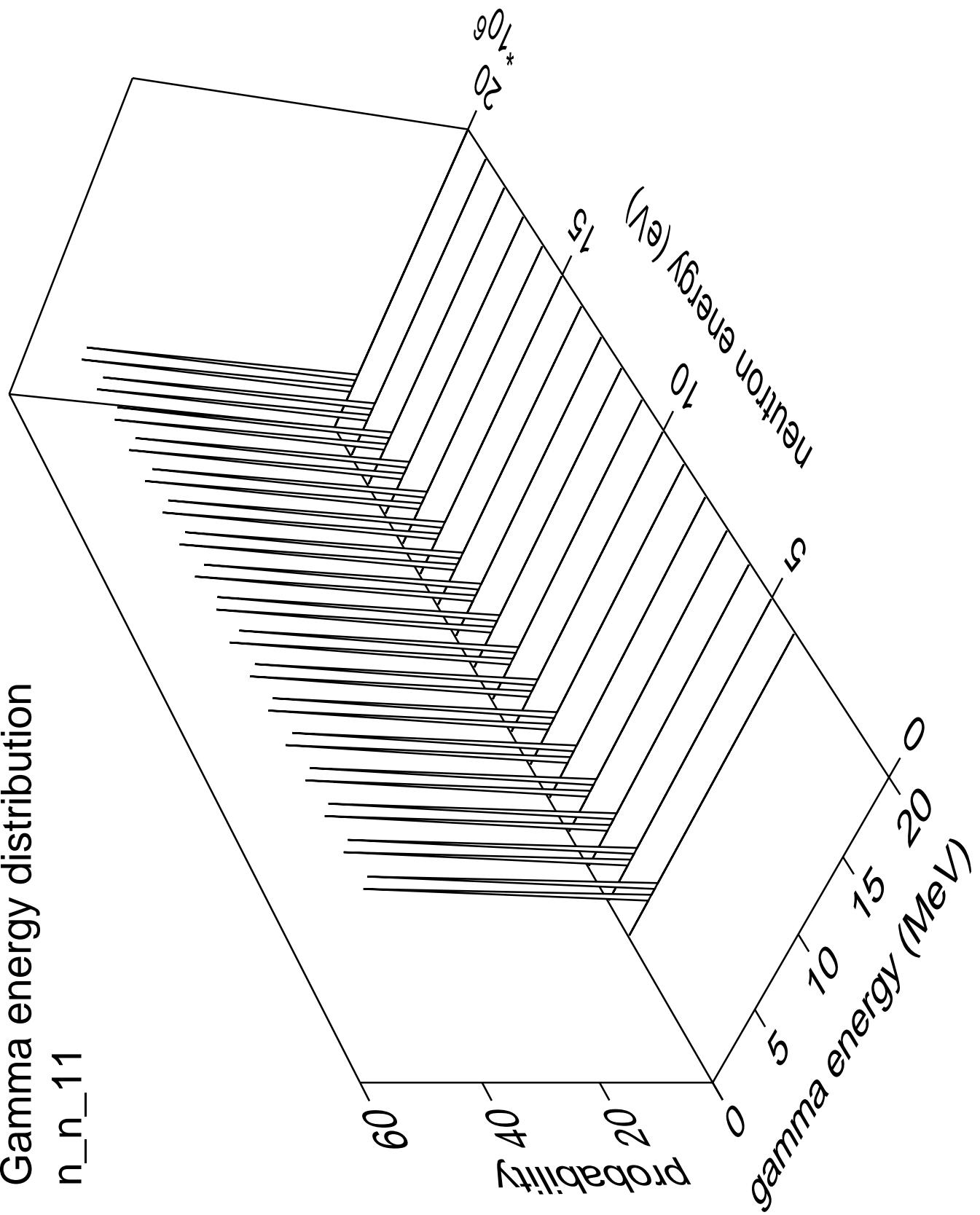
Gamma angles distribution

n\_n\_10



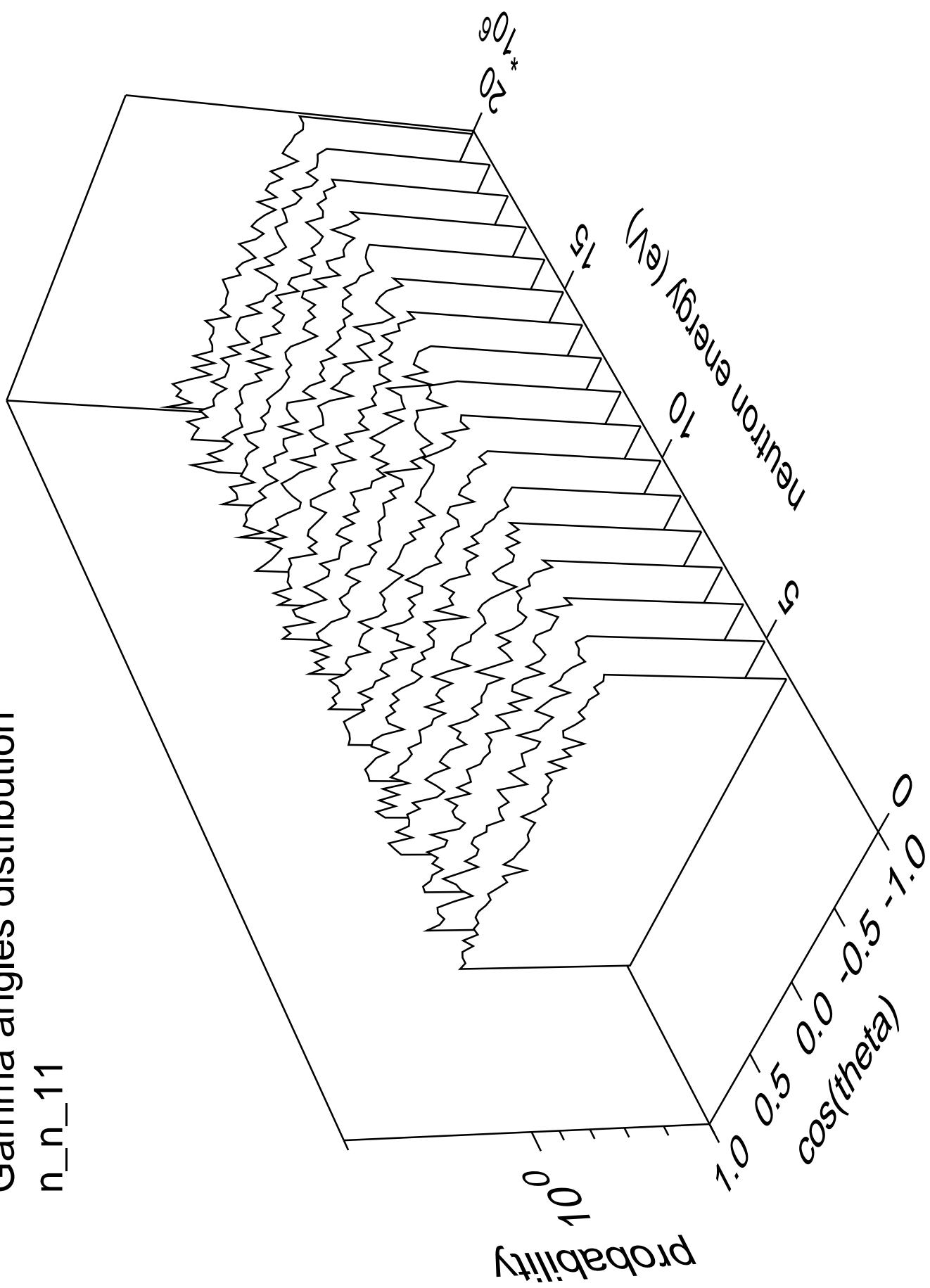


# Gamma energy distribution

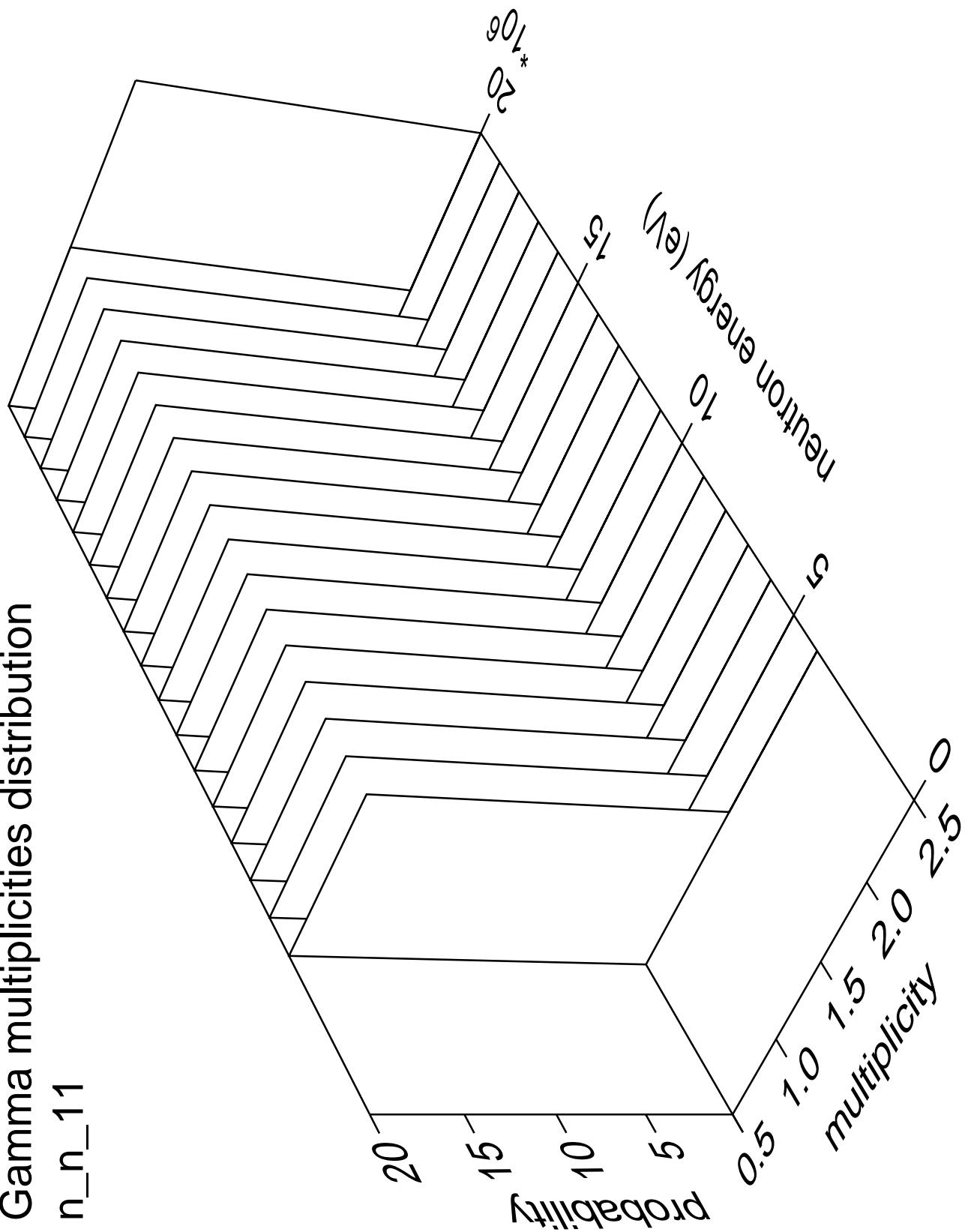


Gamma angles distribution

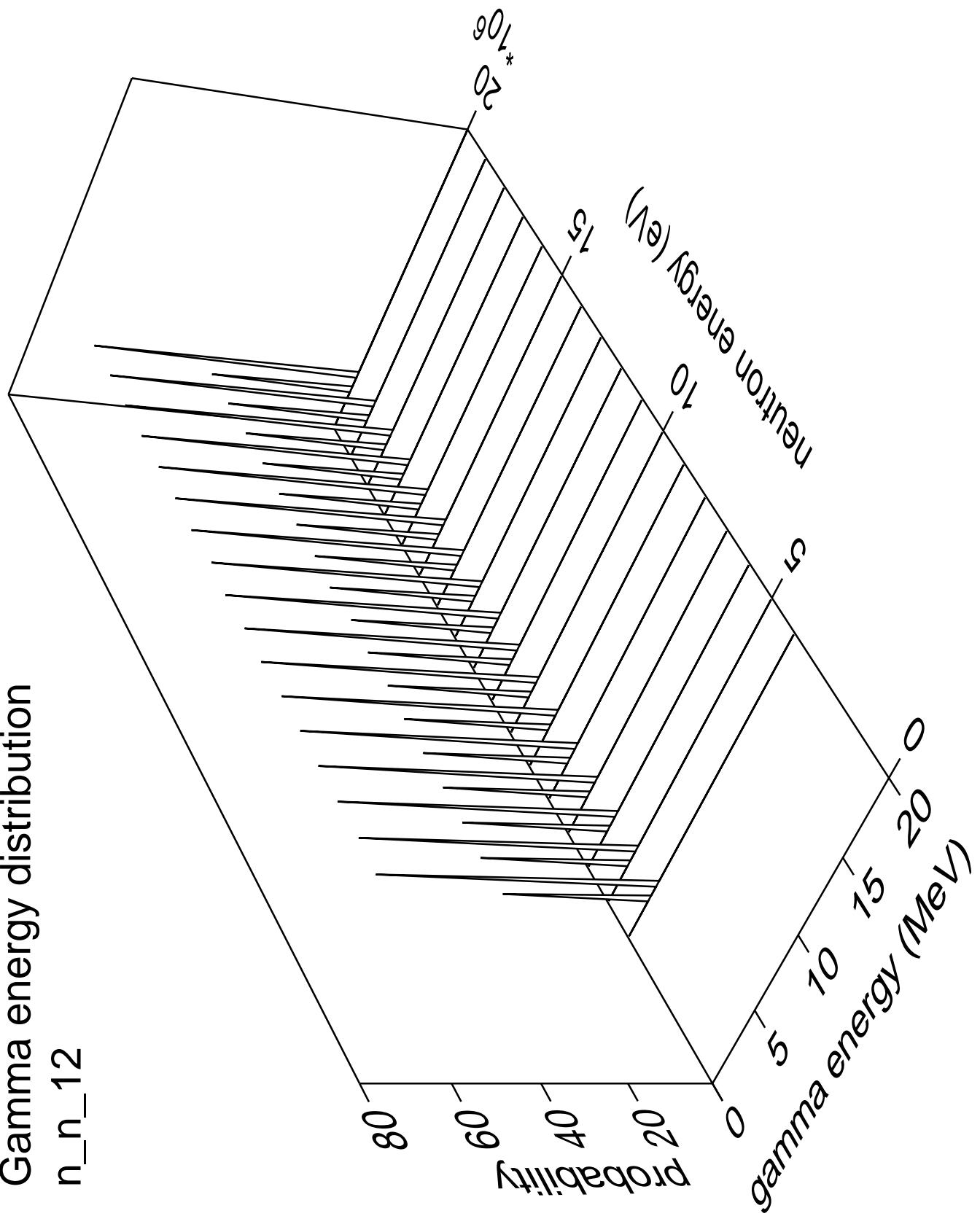
n\_n\_11



## Gamma multiplicities distribution

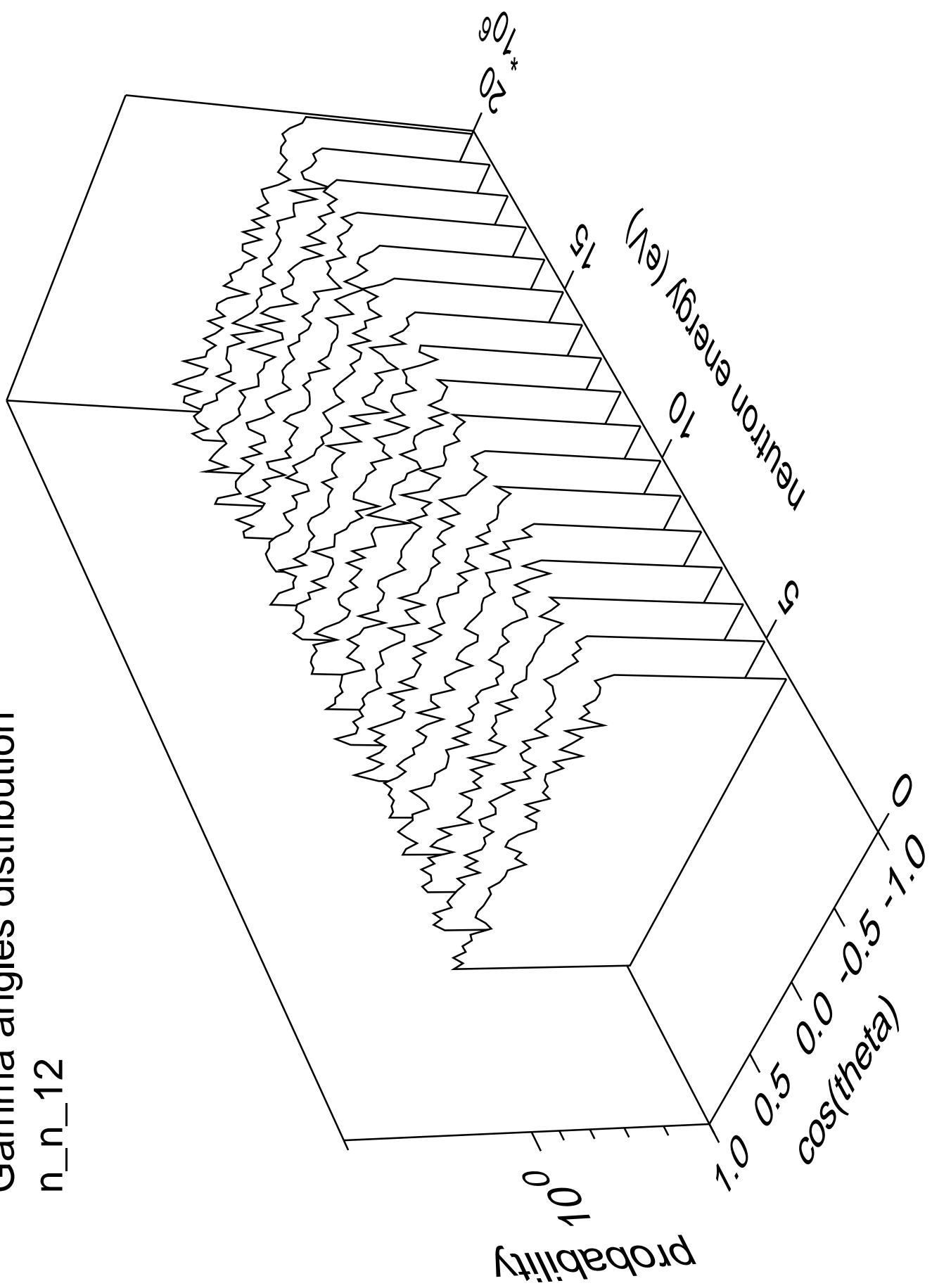


## Gamma energy distribution

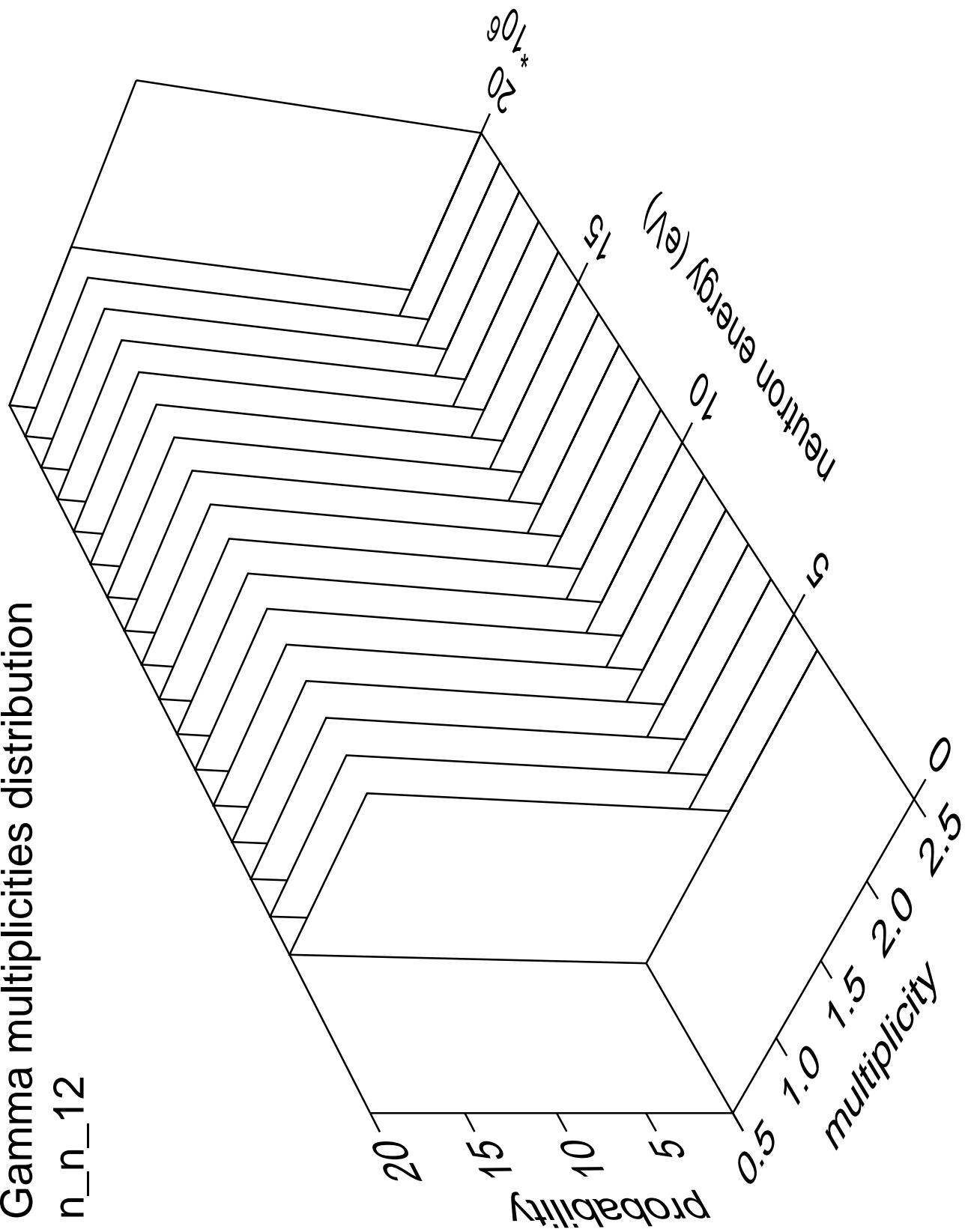


Gamma angles distribution

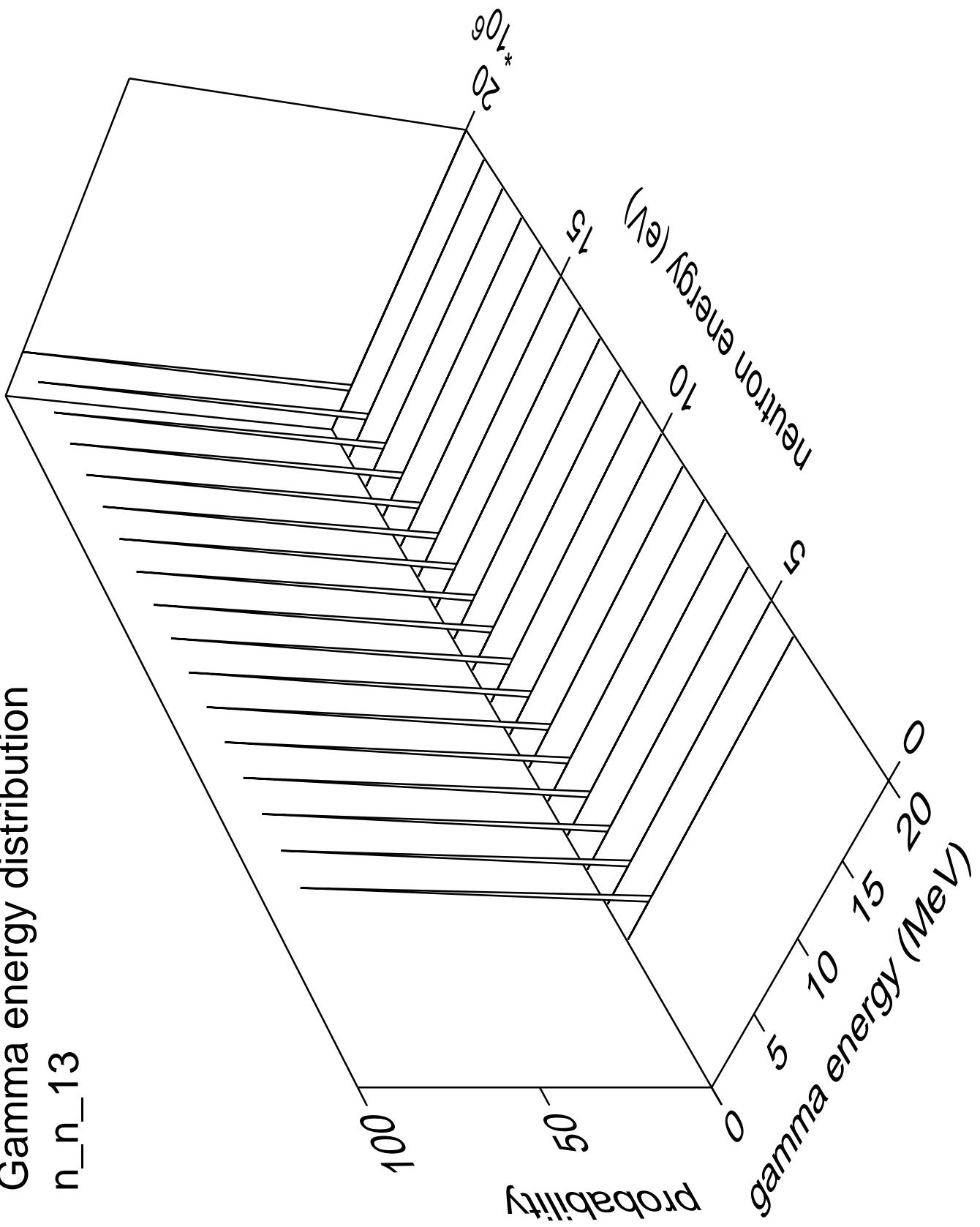
$n_{n\_12}$



## Gamma multiplicities distribution

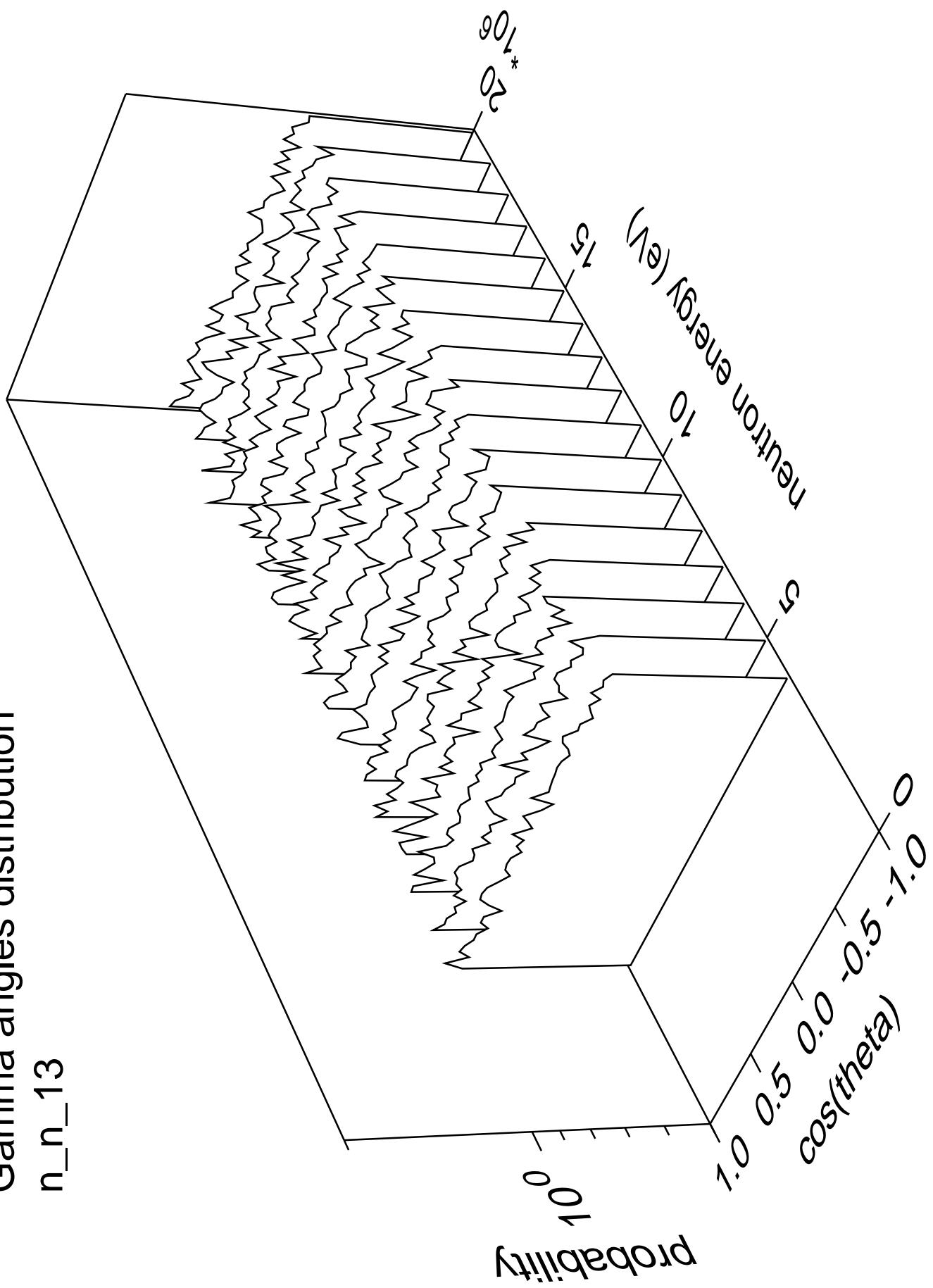


Gamma energy distribution  
n\_n\_13

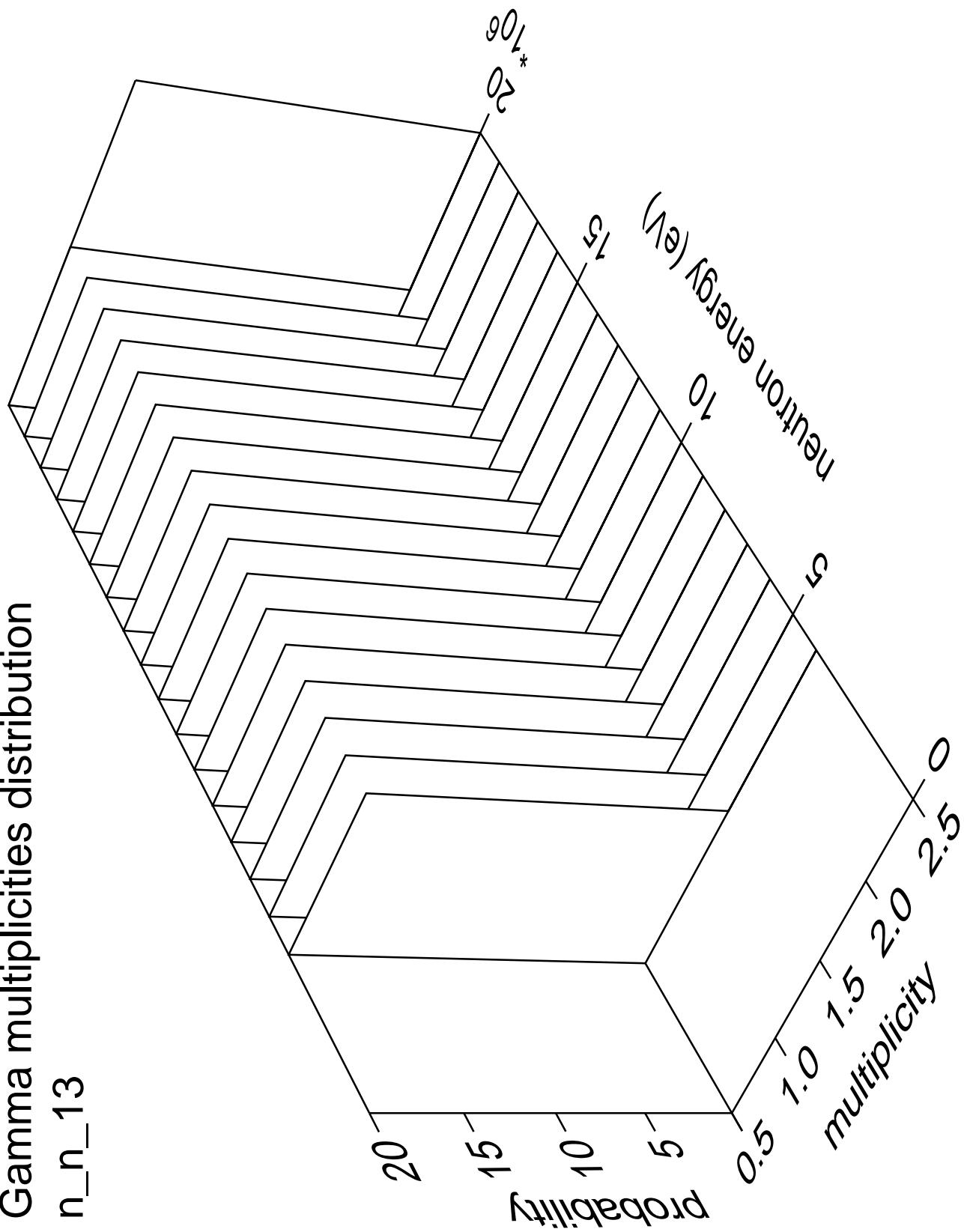


# Gamma angles distribution

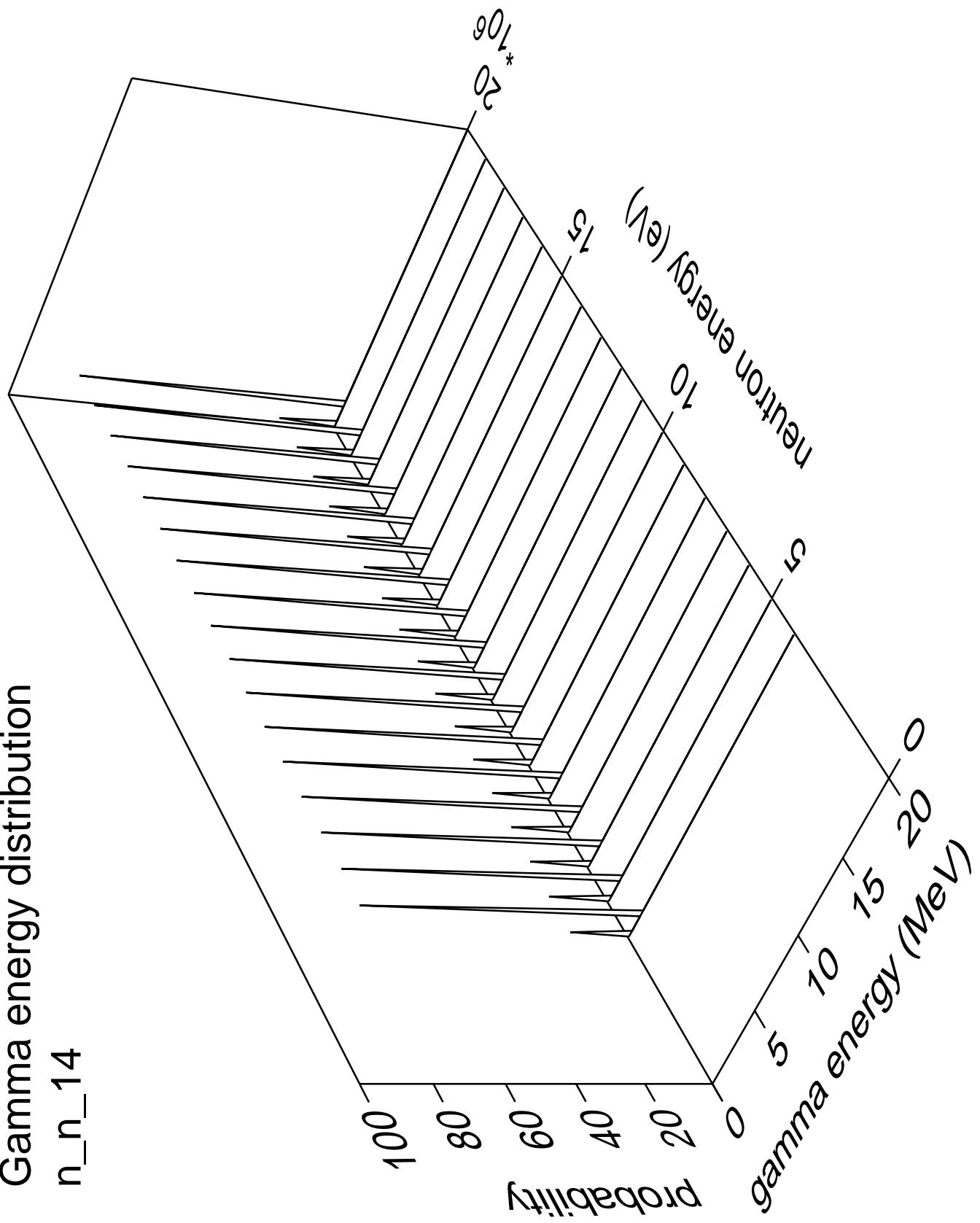
n\_n\_13



# Gamma multiplicities distribution n\_n\_13

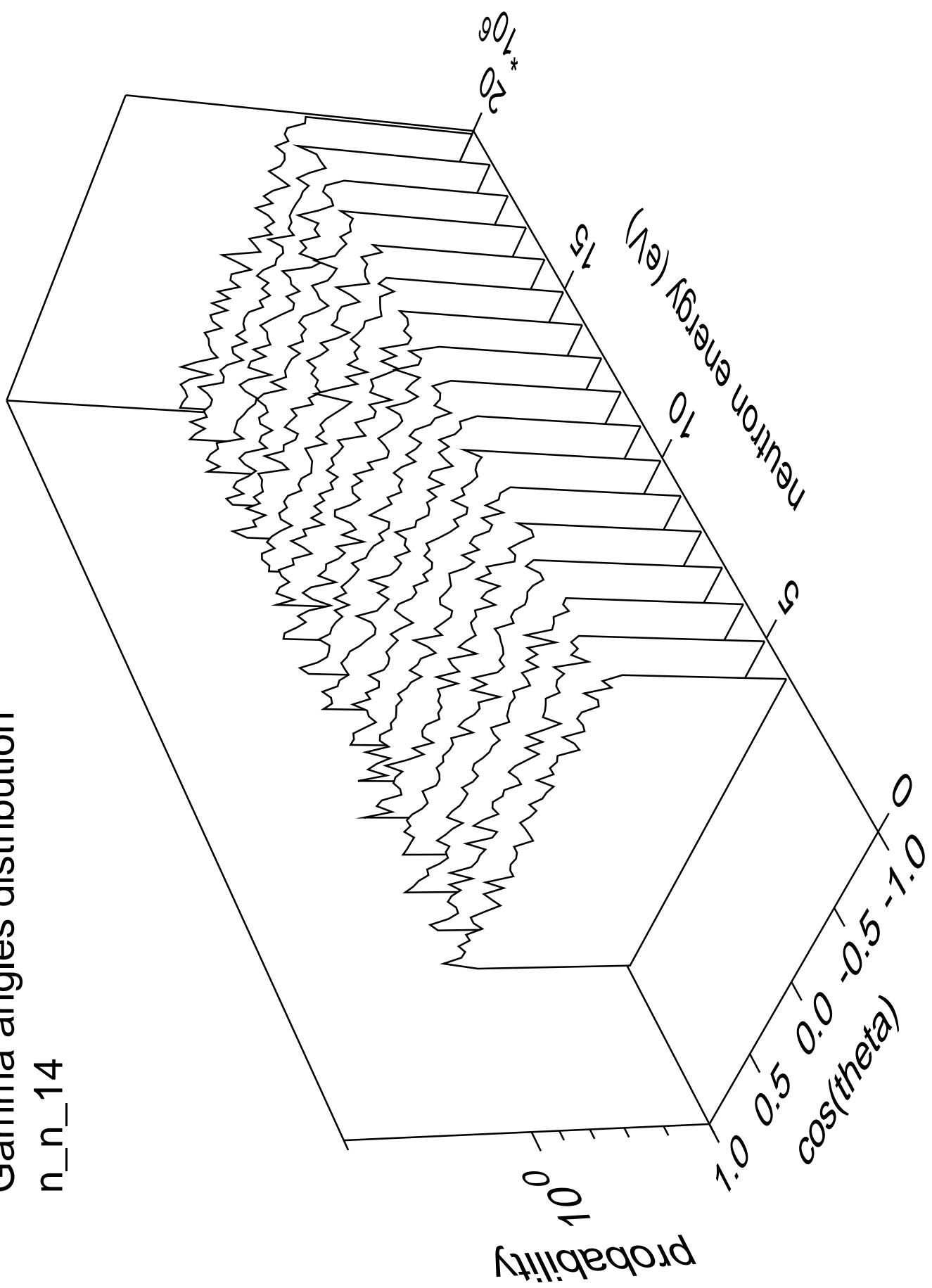


# Gamma energy distribution

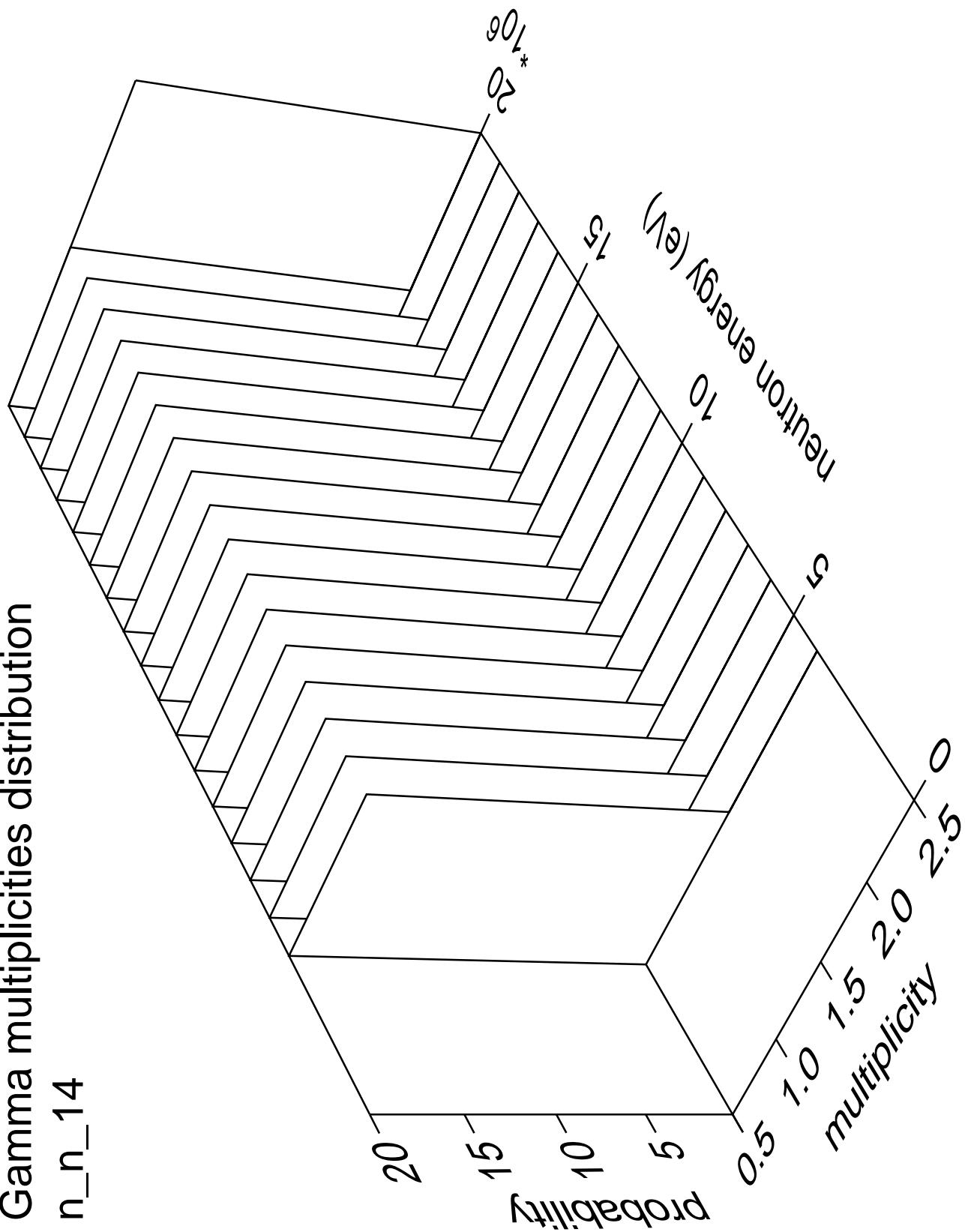


# Gamma angles distribution

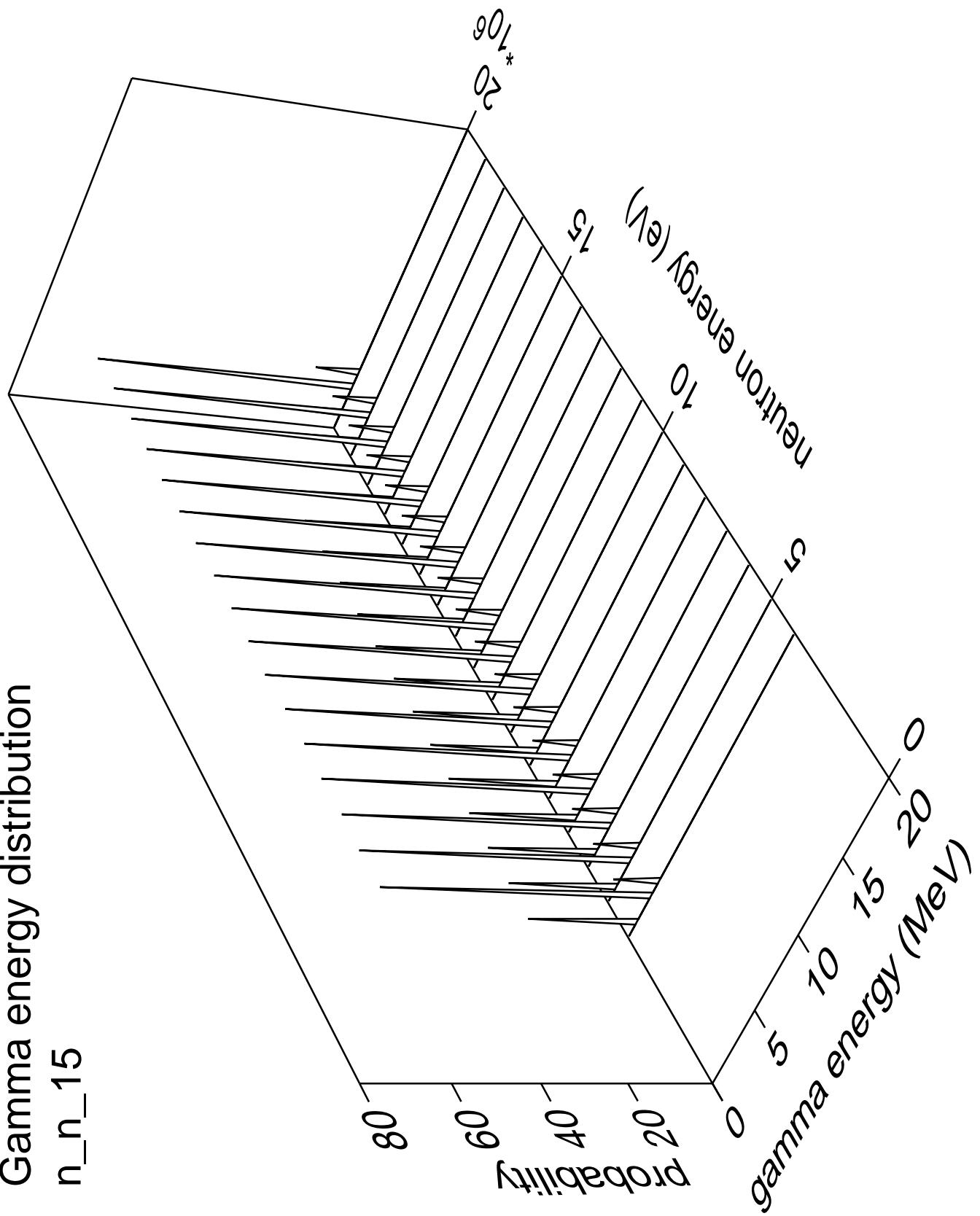
n\_n\_14



# Gamma multiplicities distribution n\_n\_14

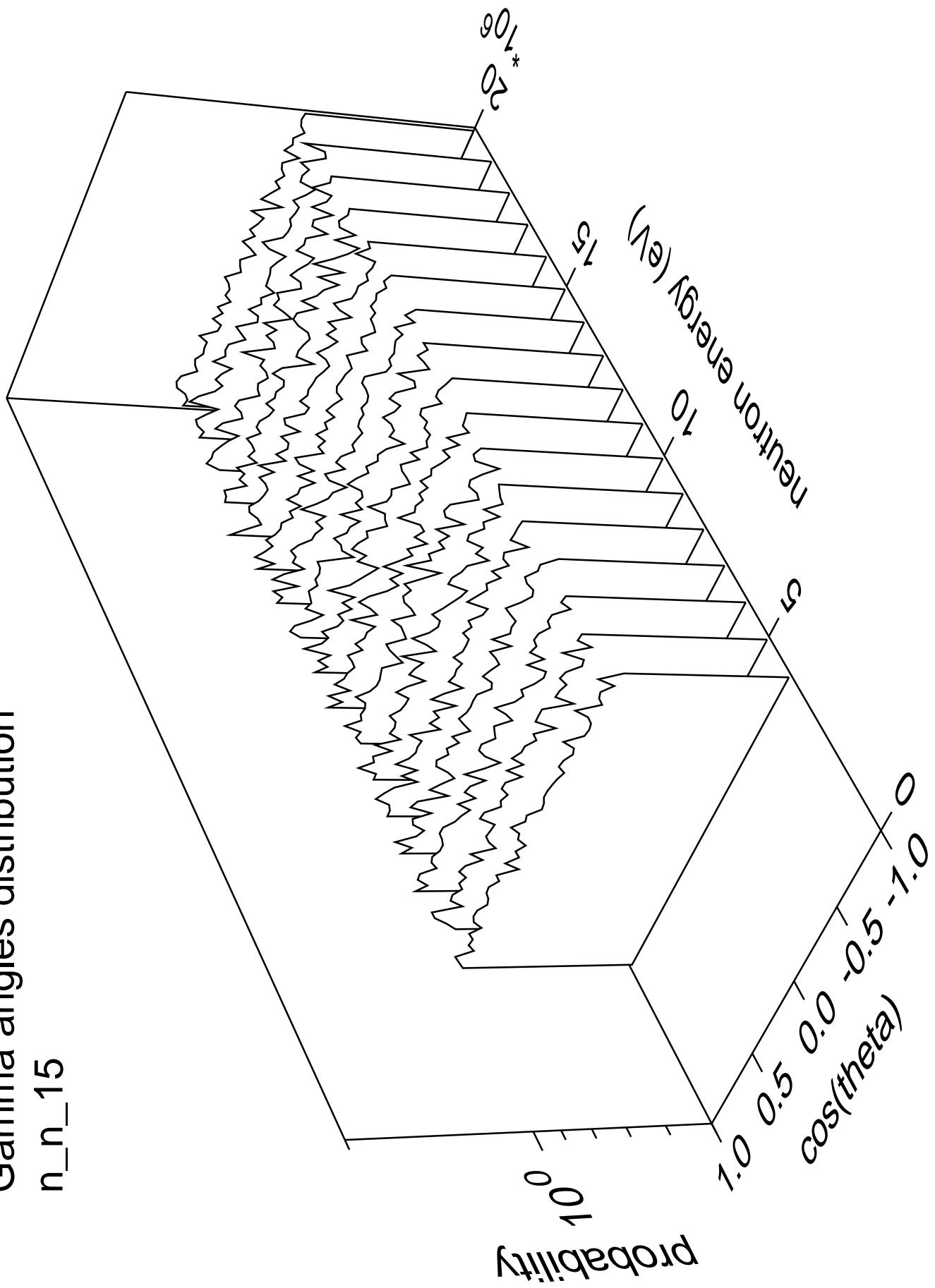


# Gamma energy distribution

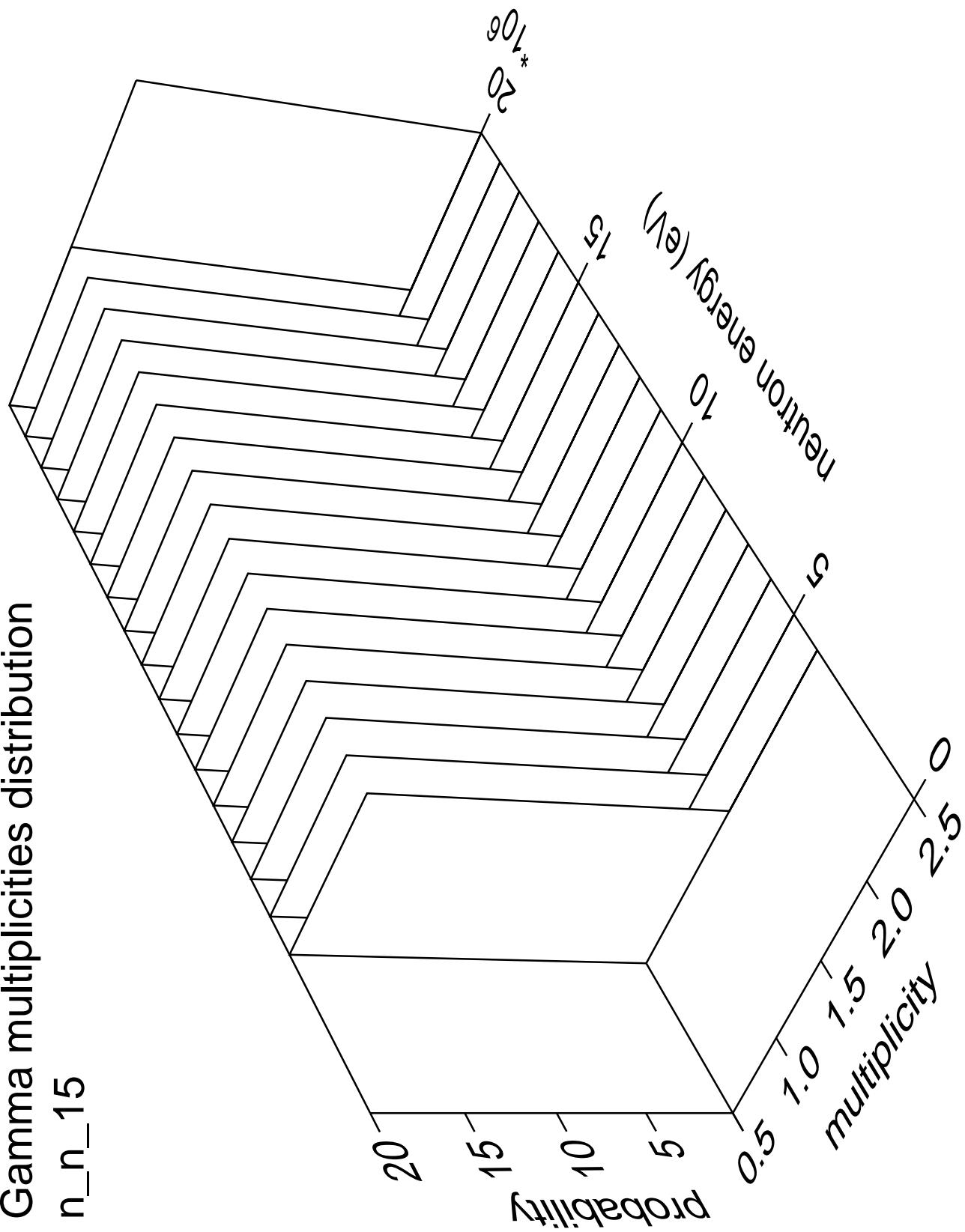


# Gamma angles distribution

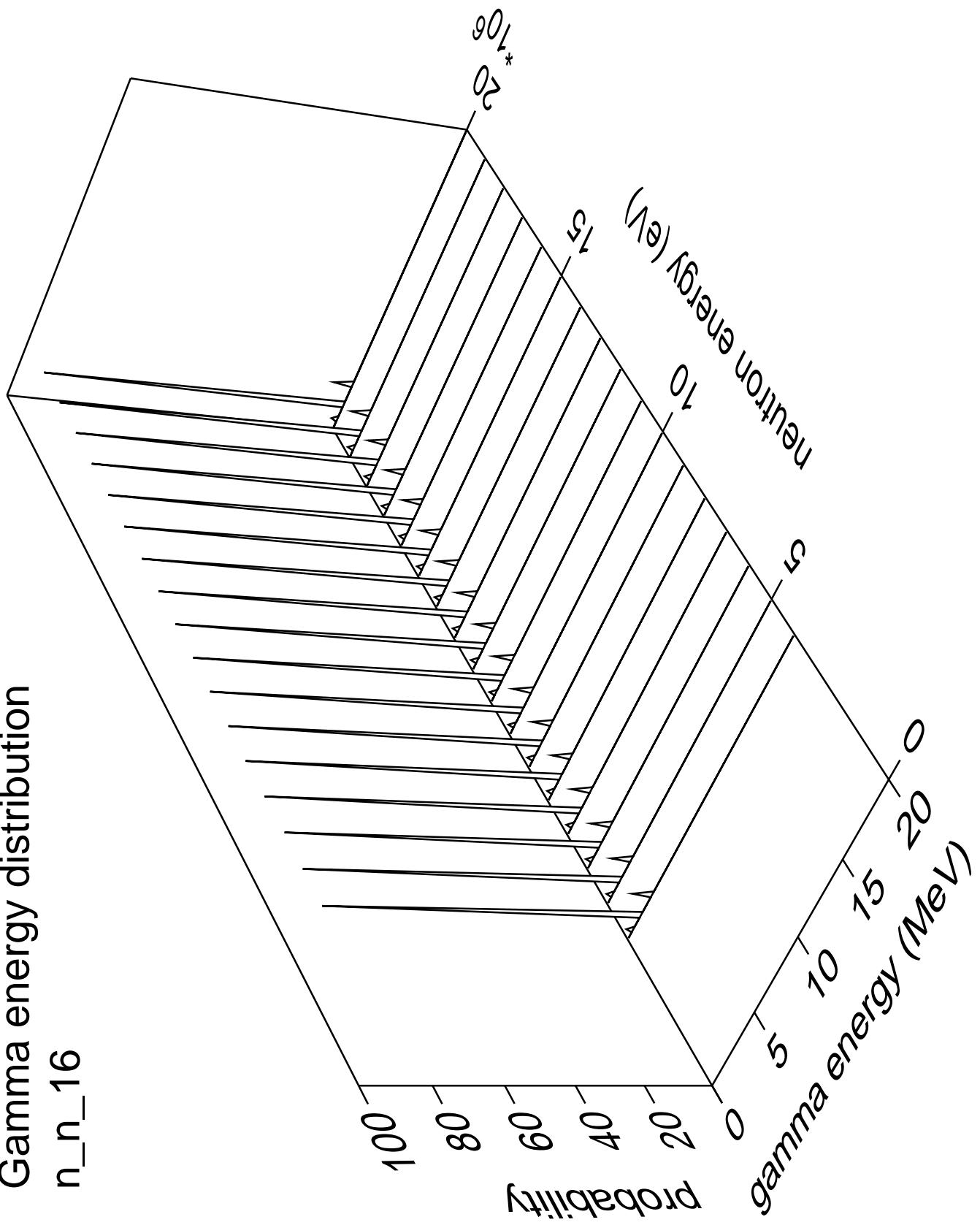
n\_n\_15



# Gamma multiplicities distribution

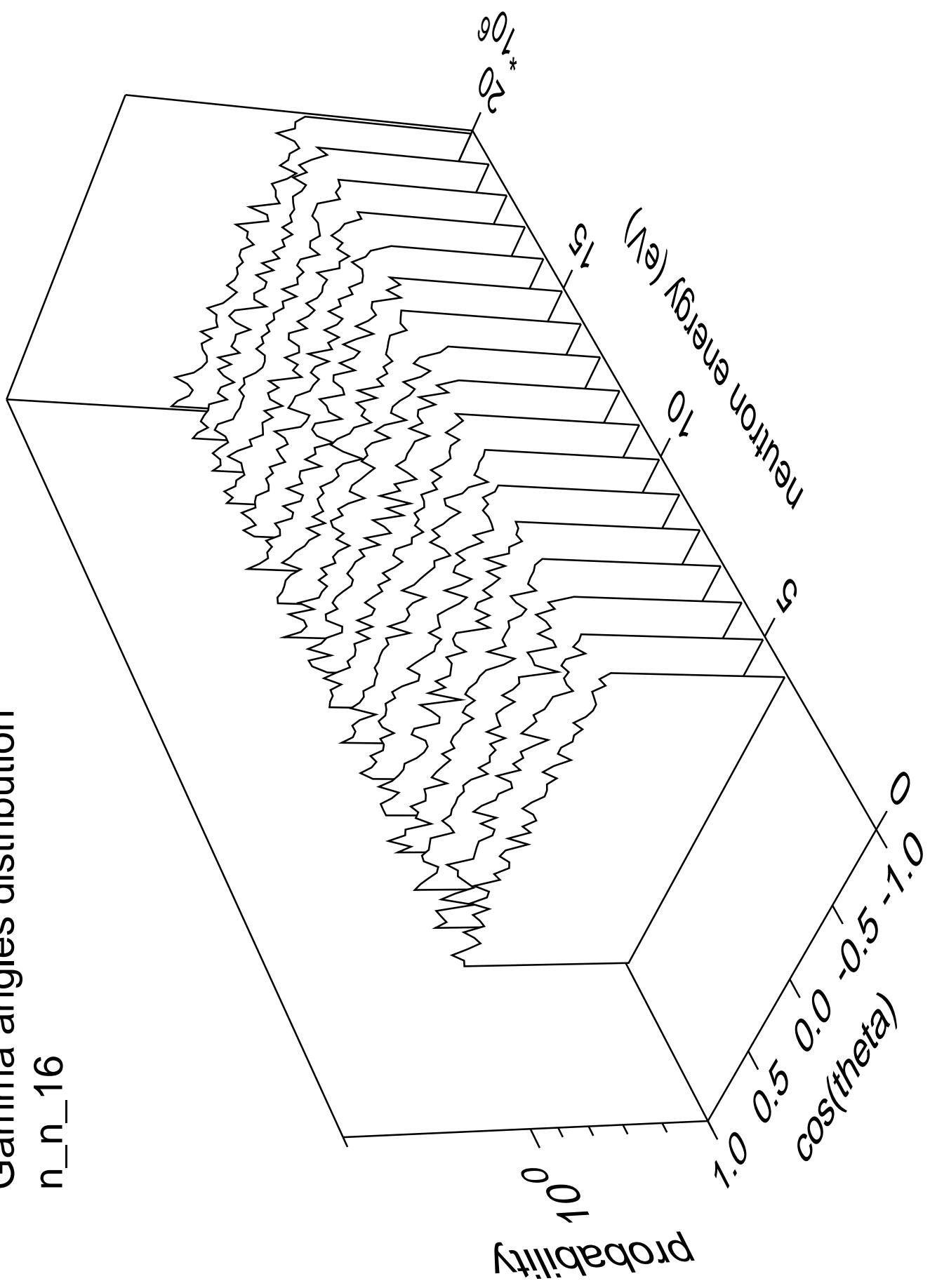


# Gamma energy distribution n\_n\_16

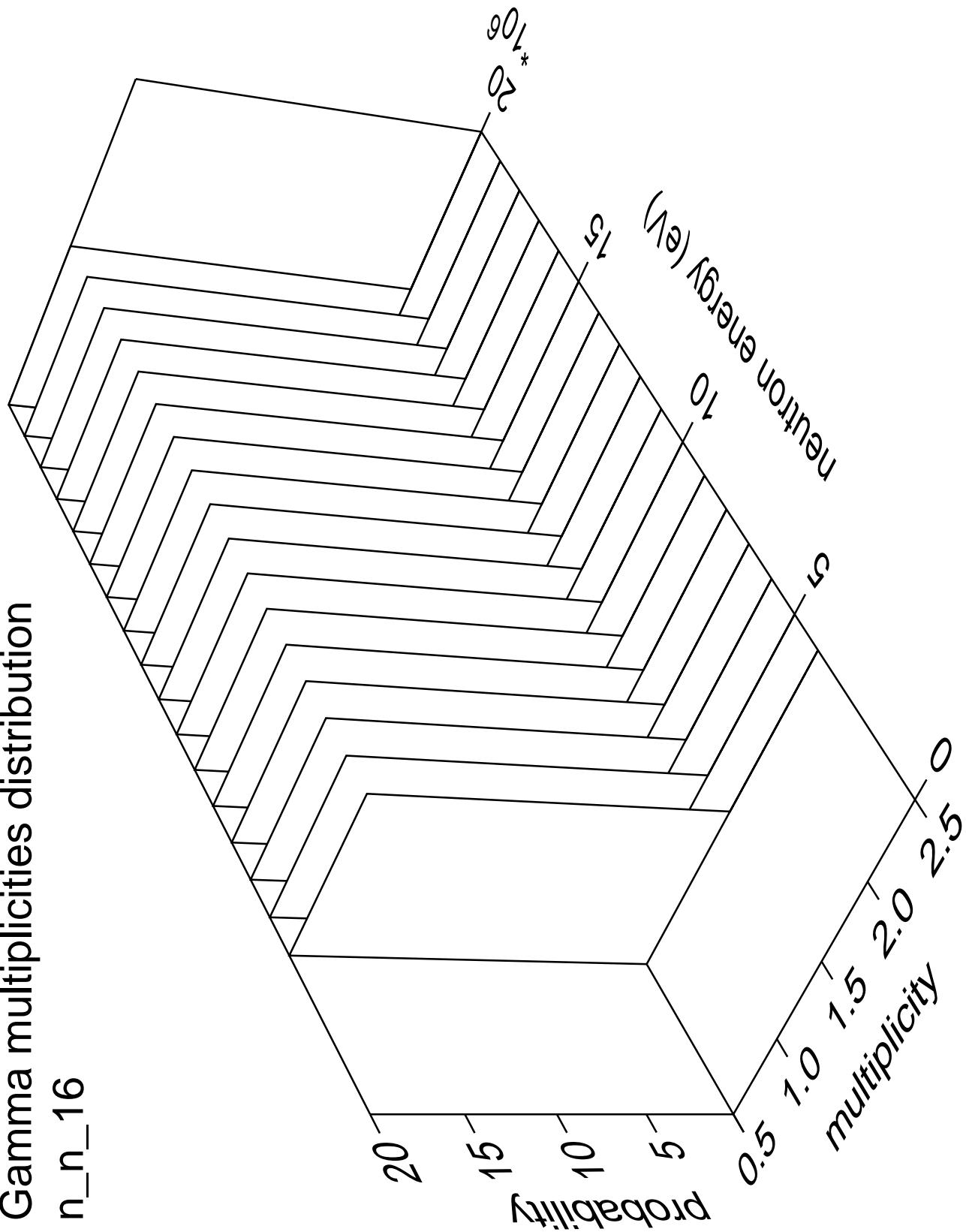


Gamma angles distribution

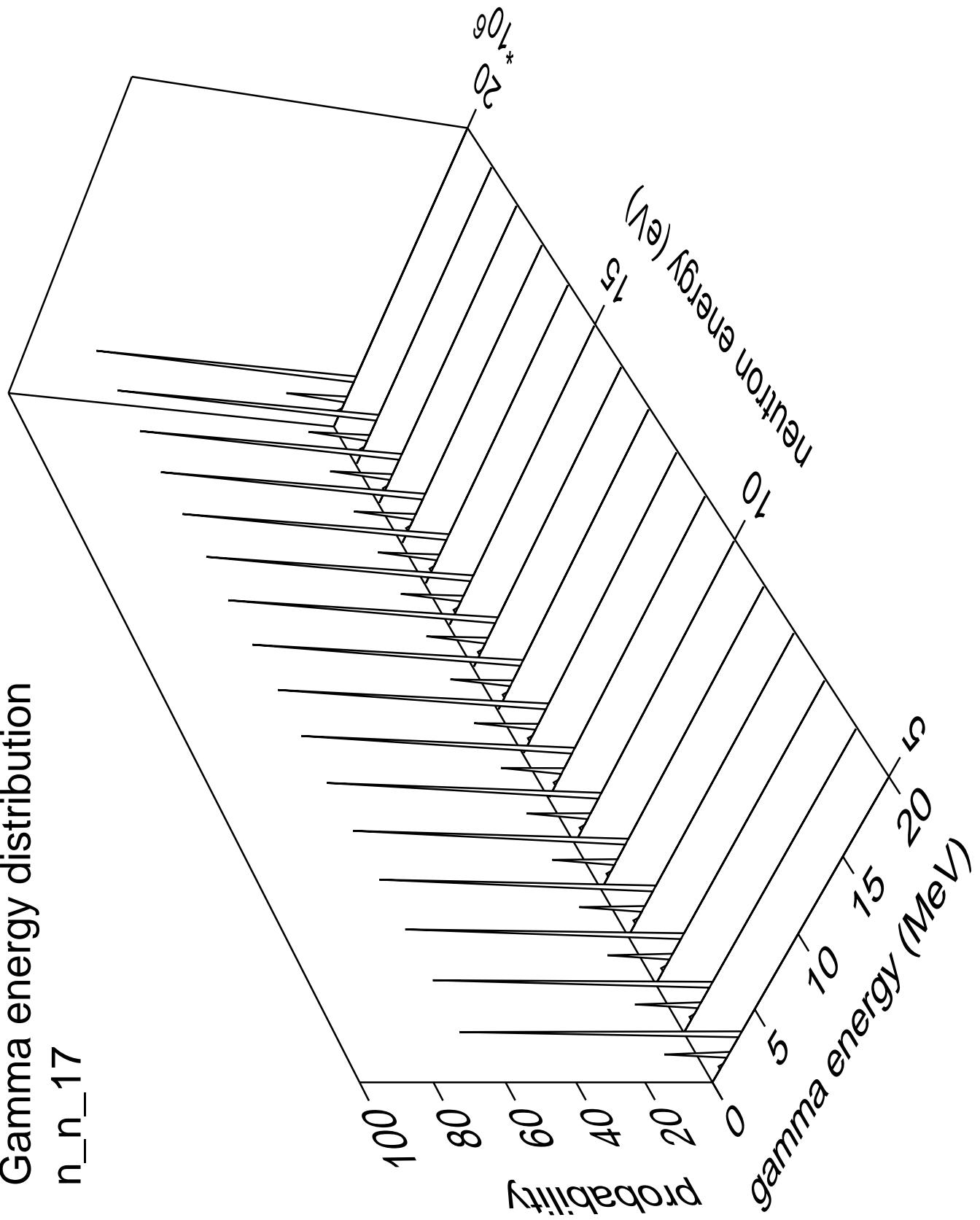
n\_n\_16



# Gamma multiplicities distribution

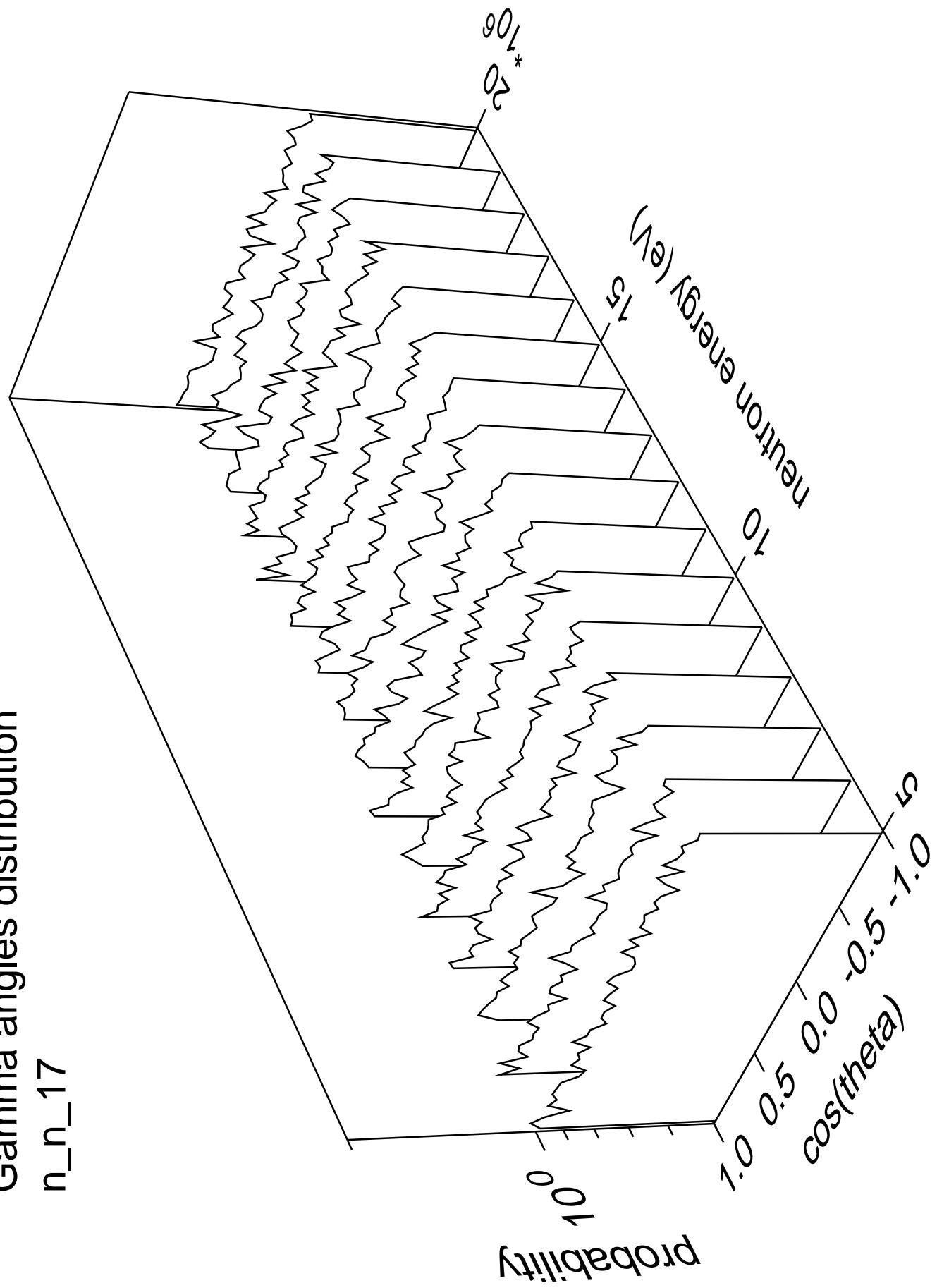


# Gamma energy distribution

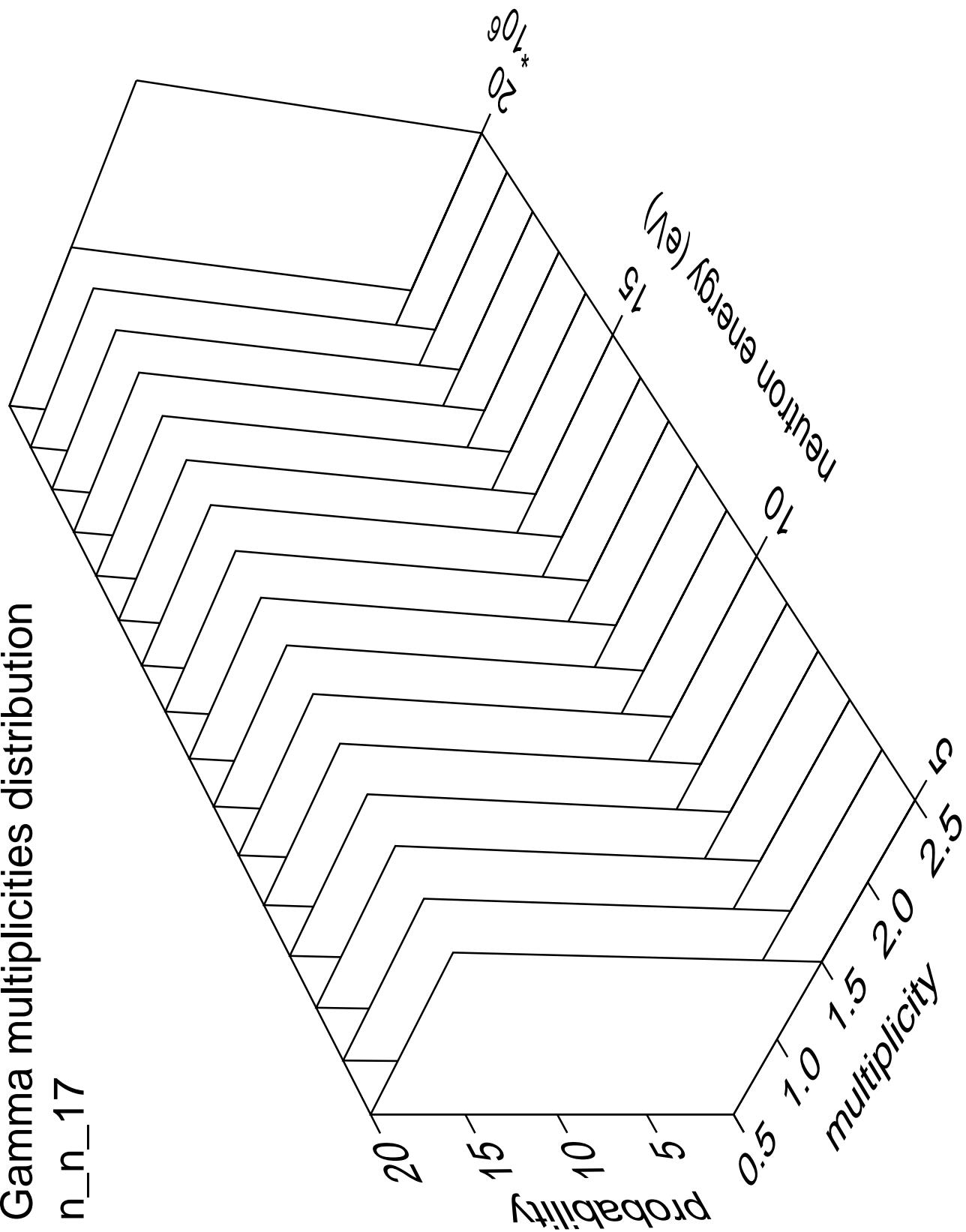


# Gamma angles distribution

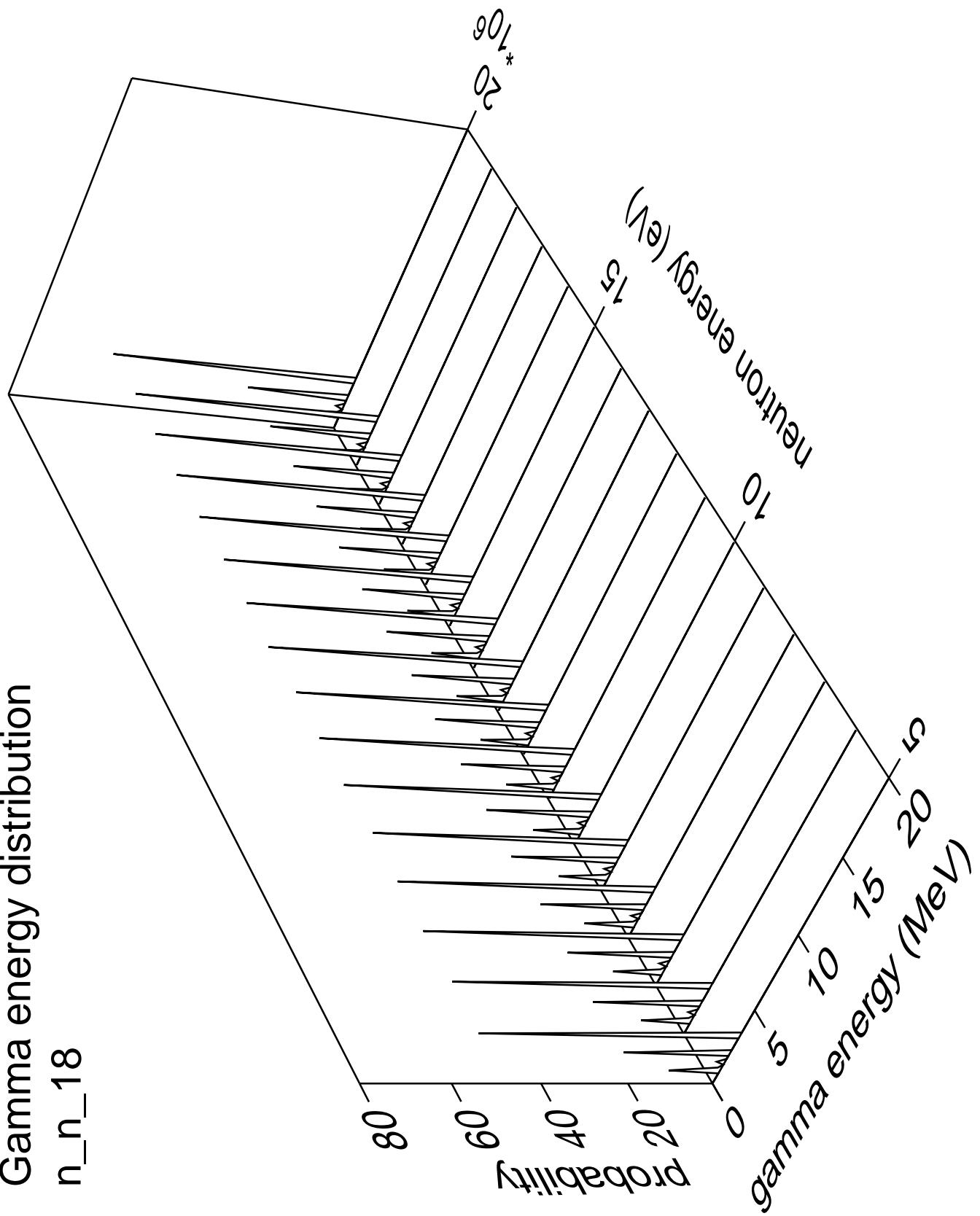
n\_n\_17



# Gamma multiplicities distribution n\_n\_17

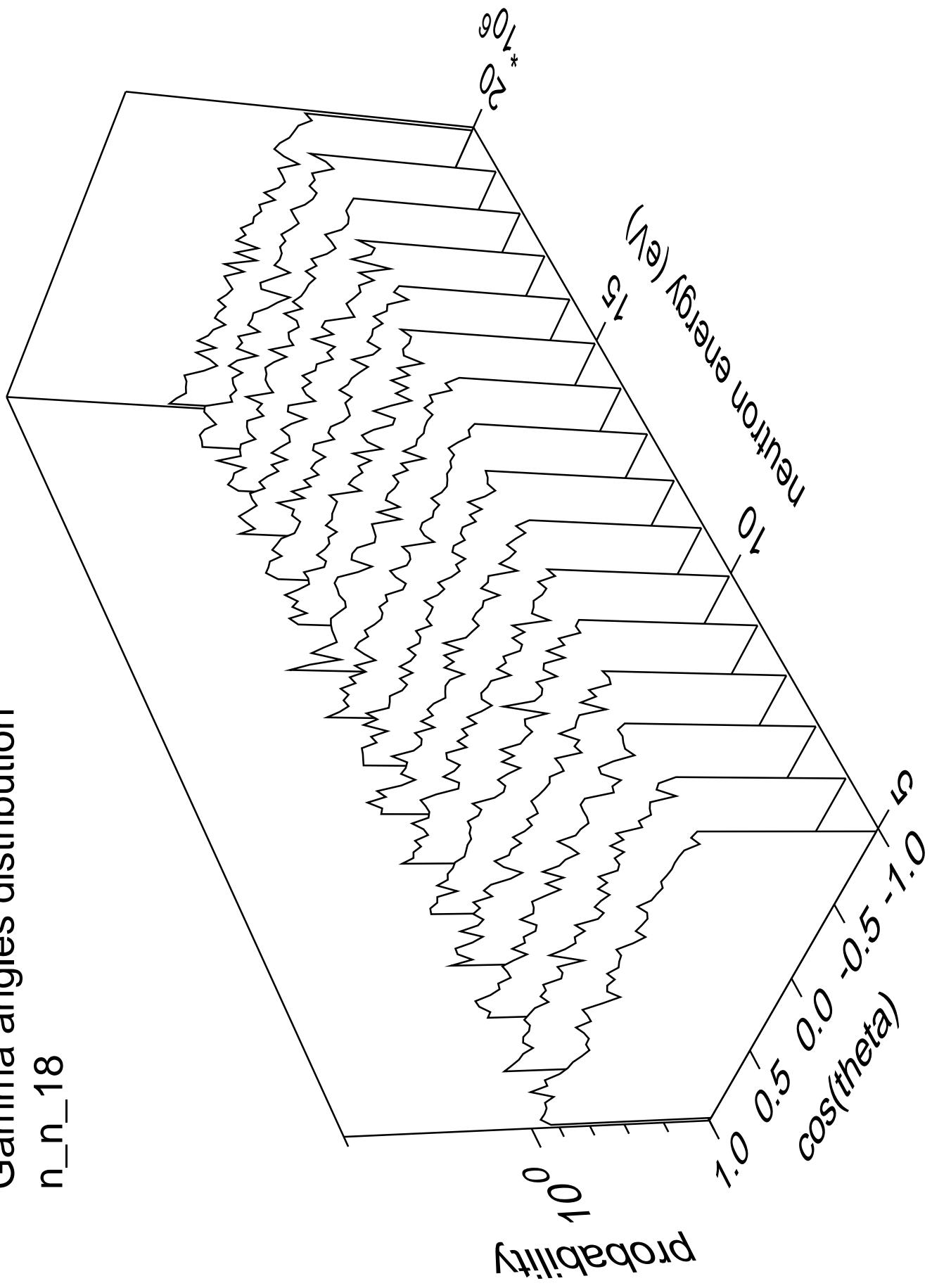


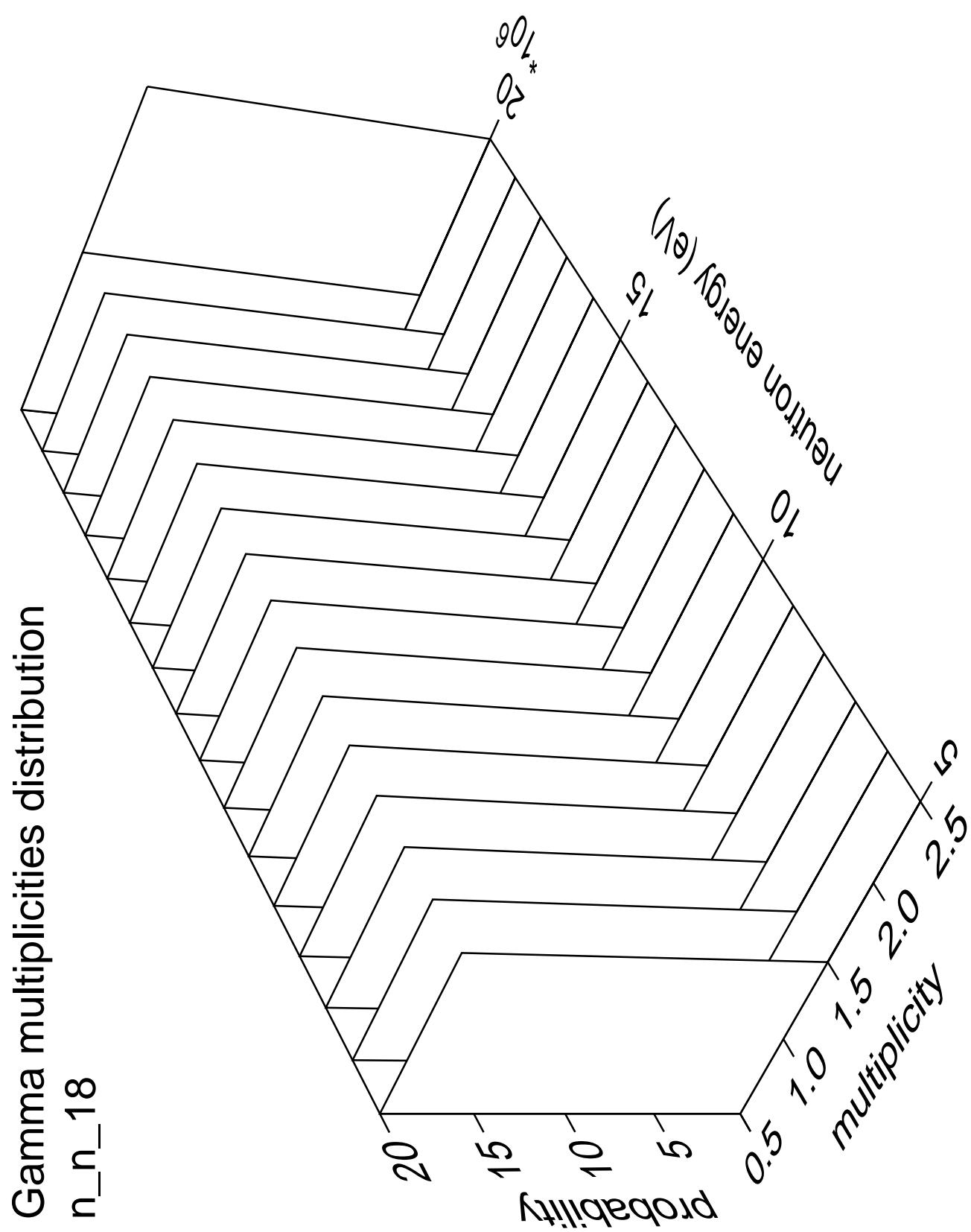
# Gamma energy distribution $n_n_{18}$



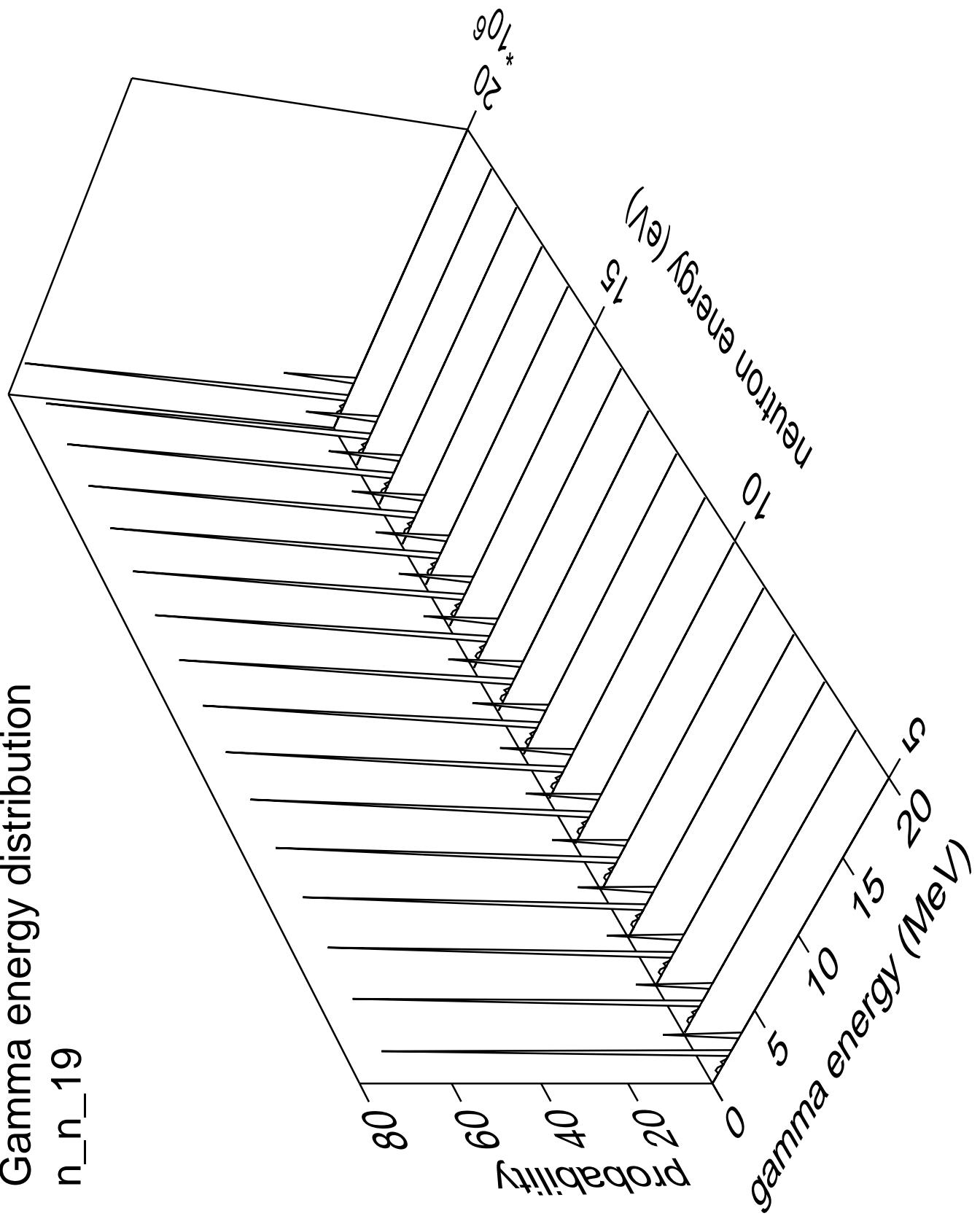
Gamma angles distribution

n\_n\_18



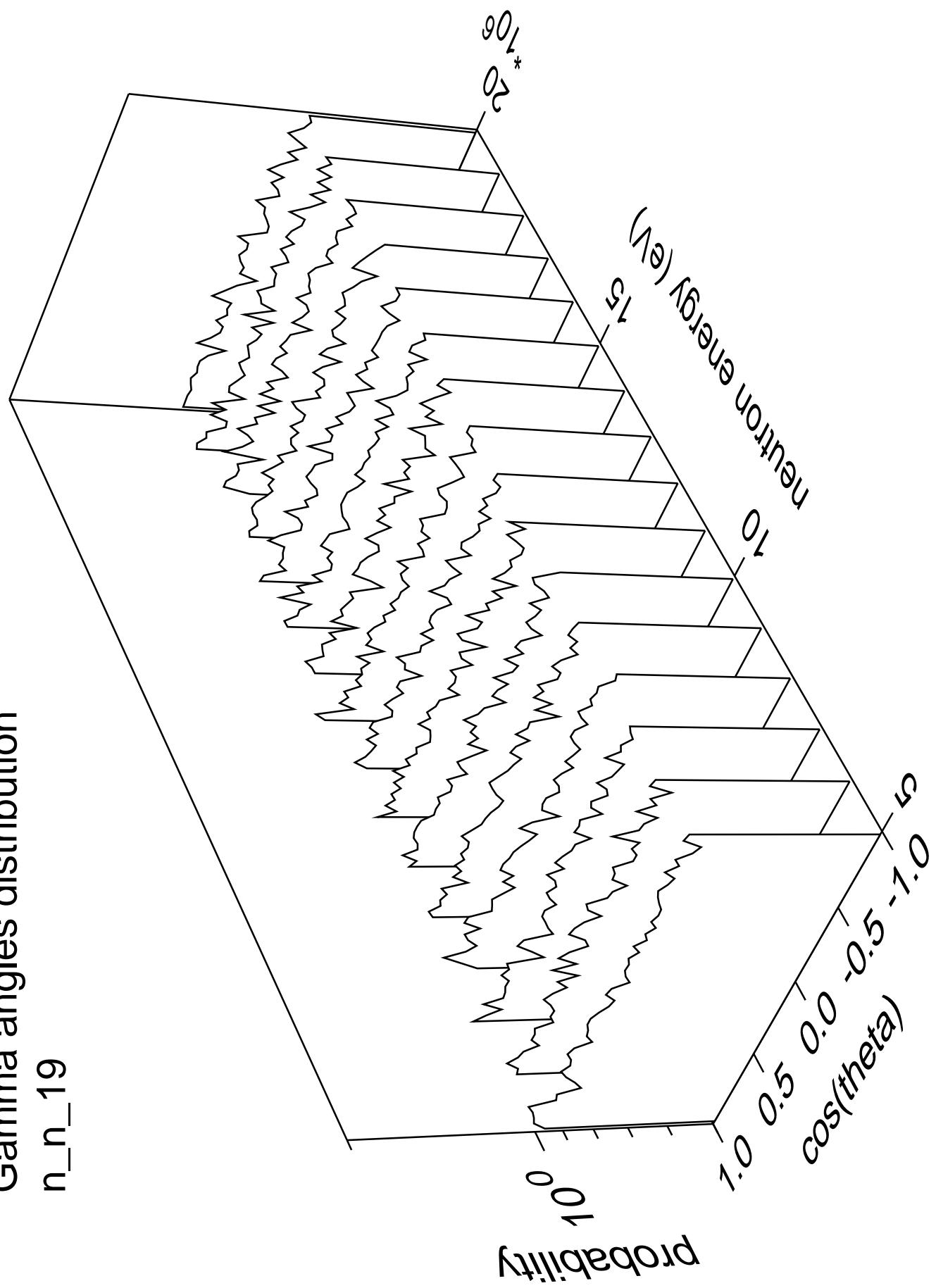


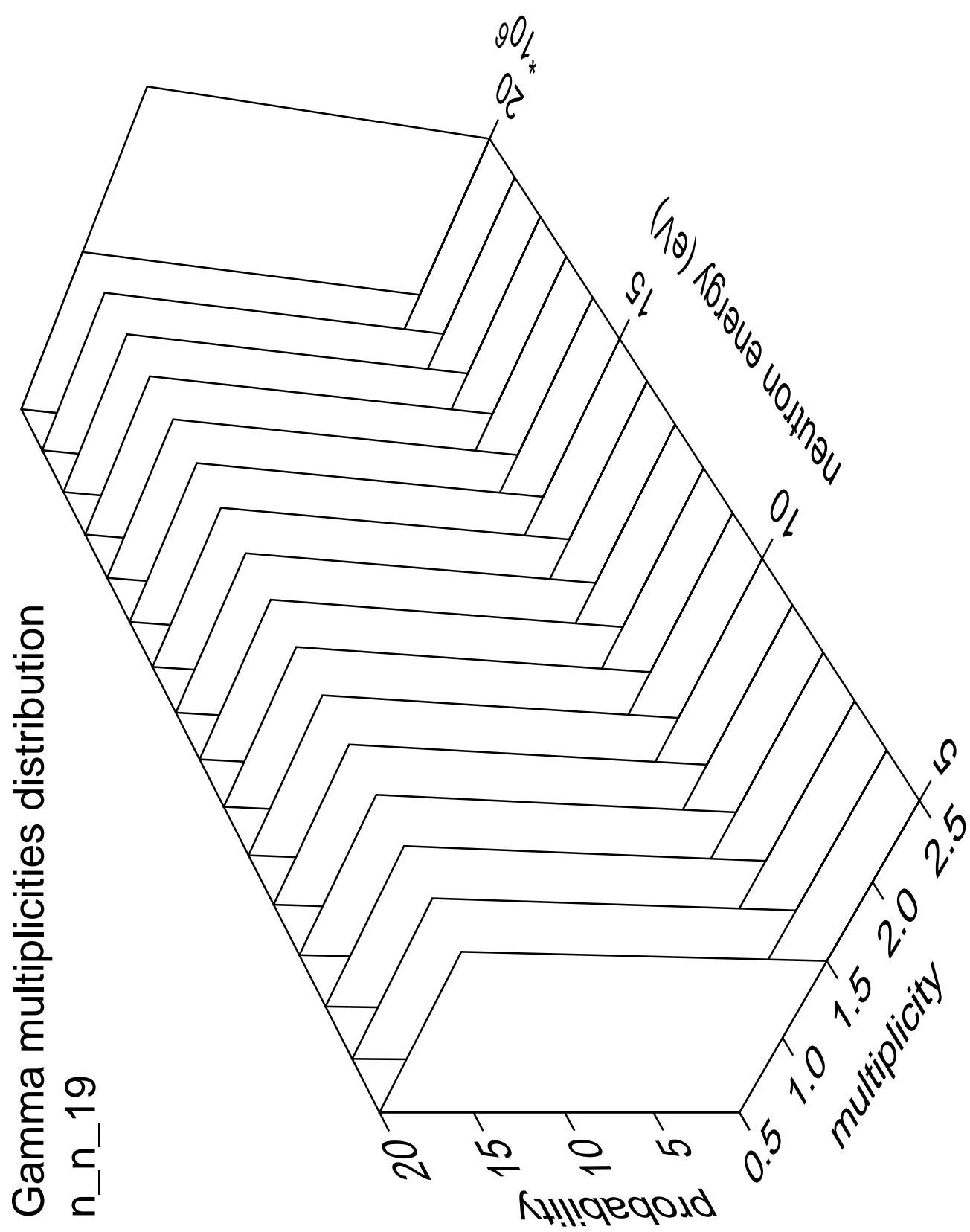
# Gamma energy distribution



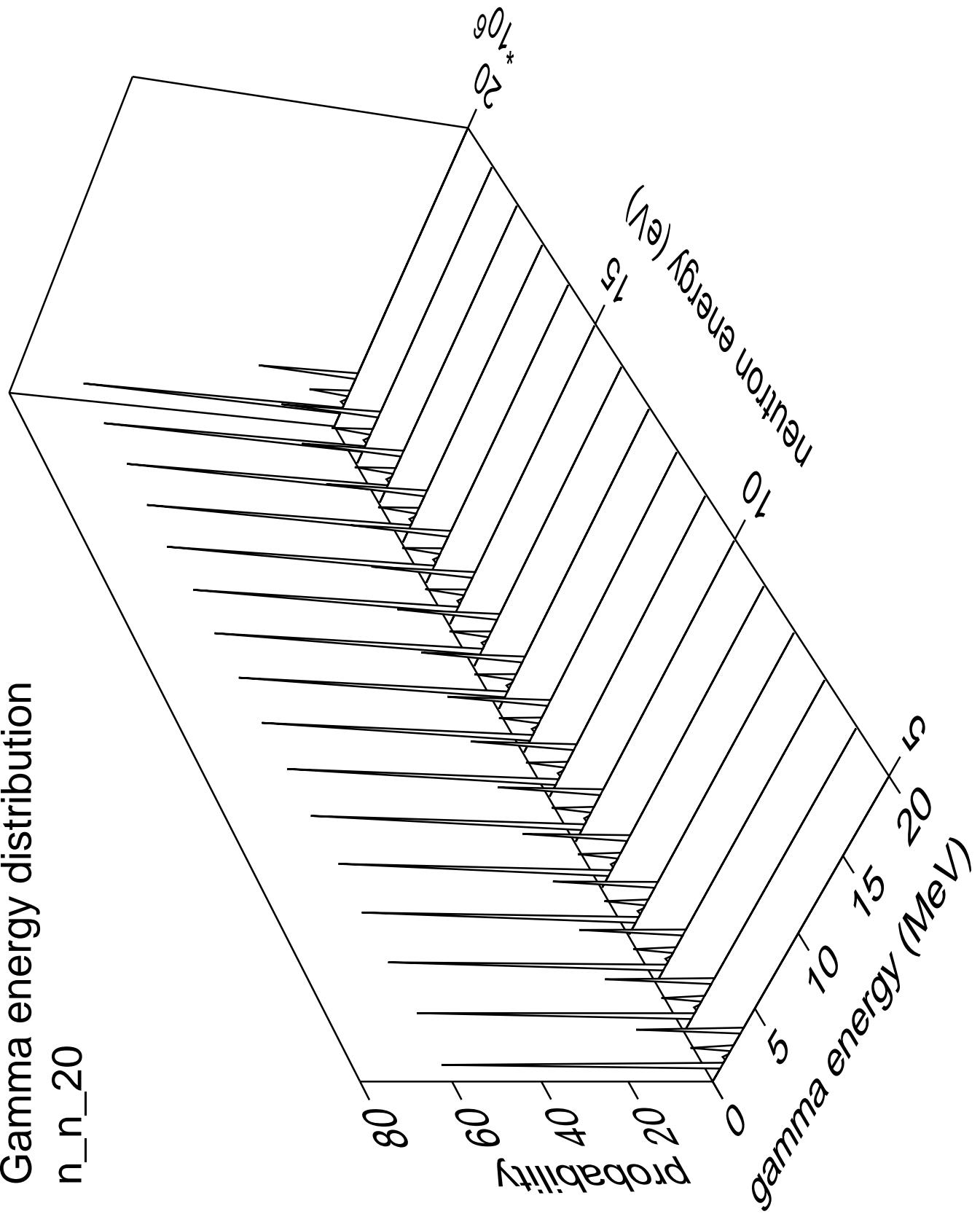
# Gamma angles distribution

n\_n\_19



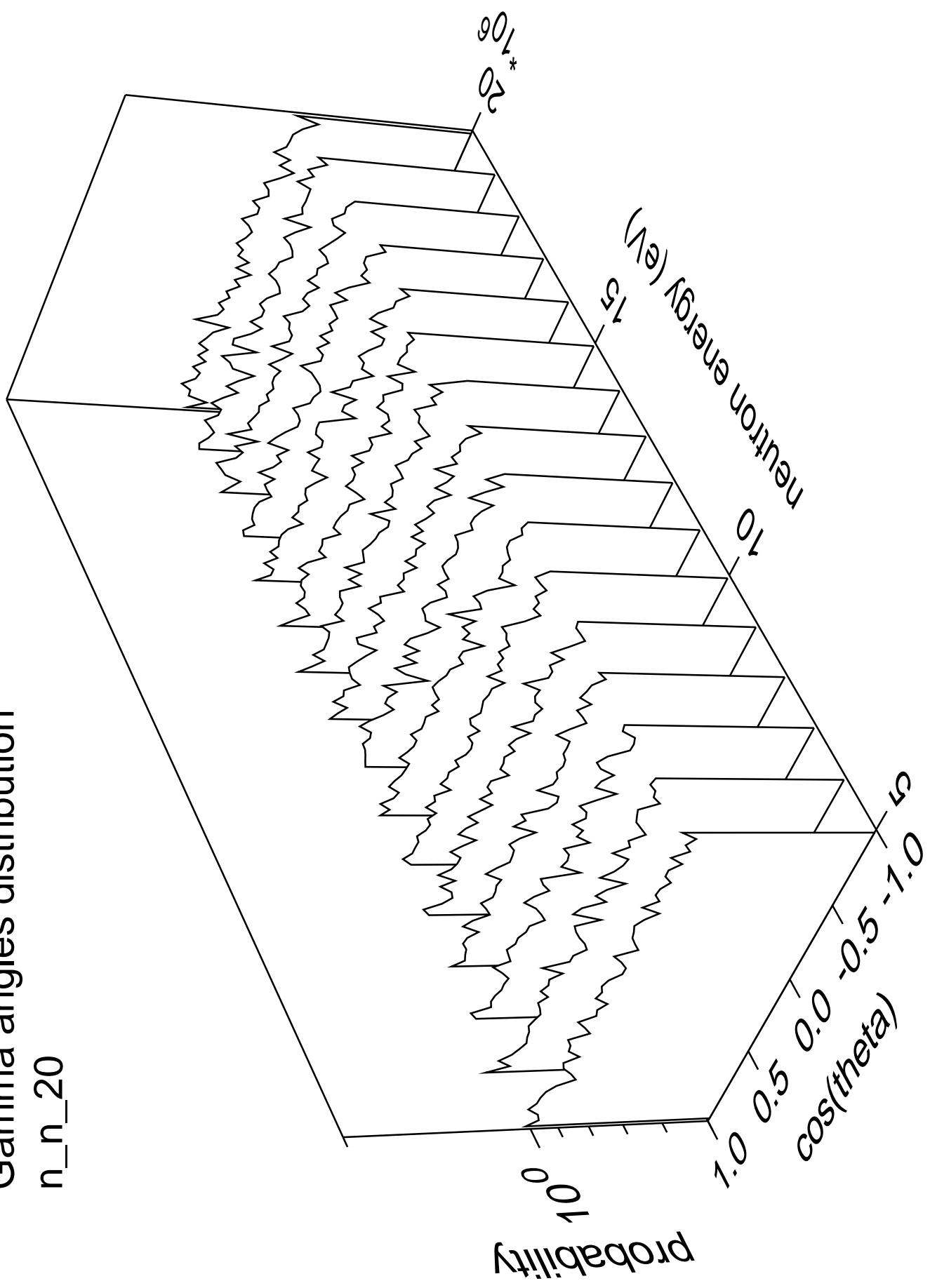


# Gamma energy distribution

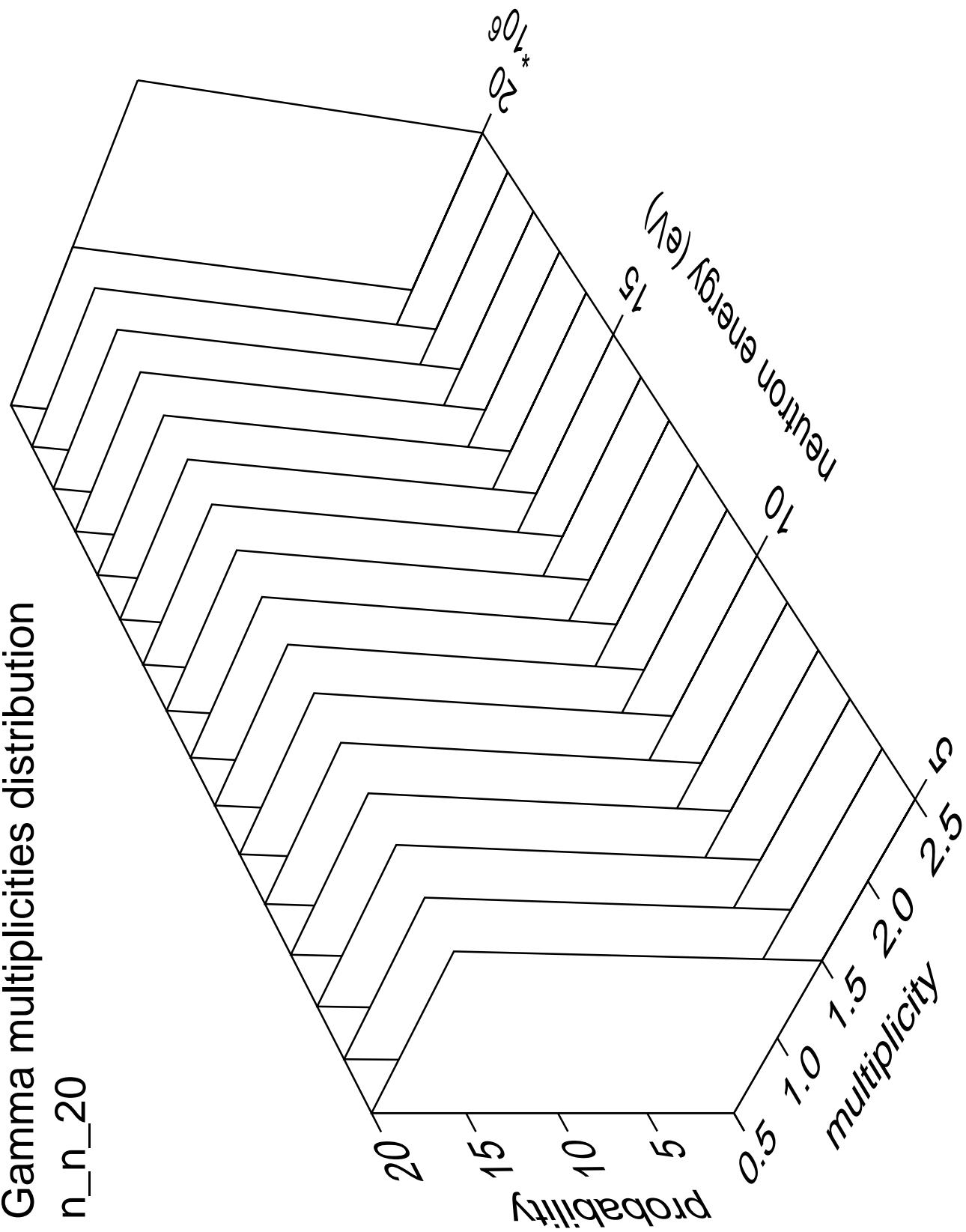


Gamma angles distribution

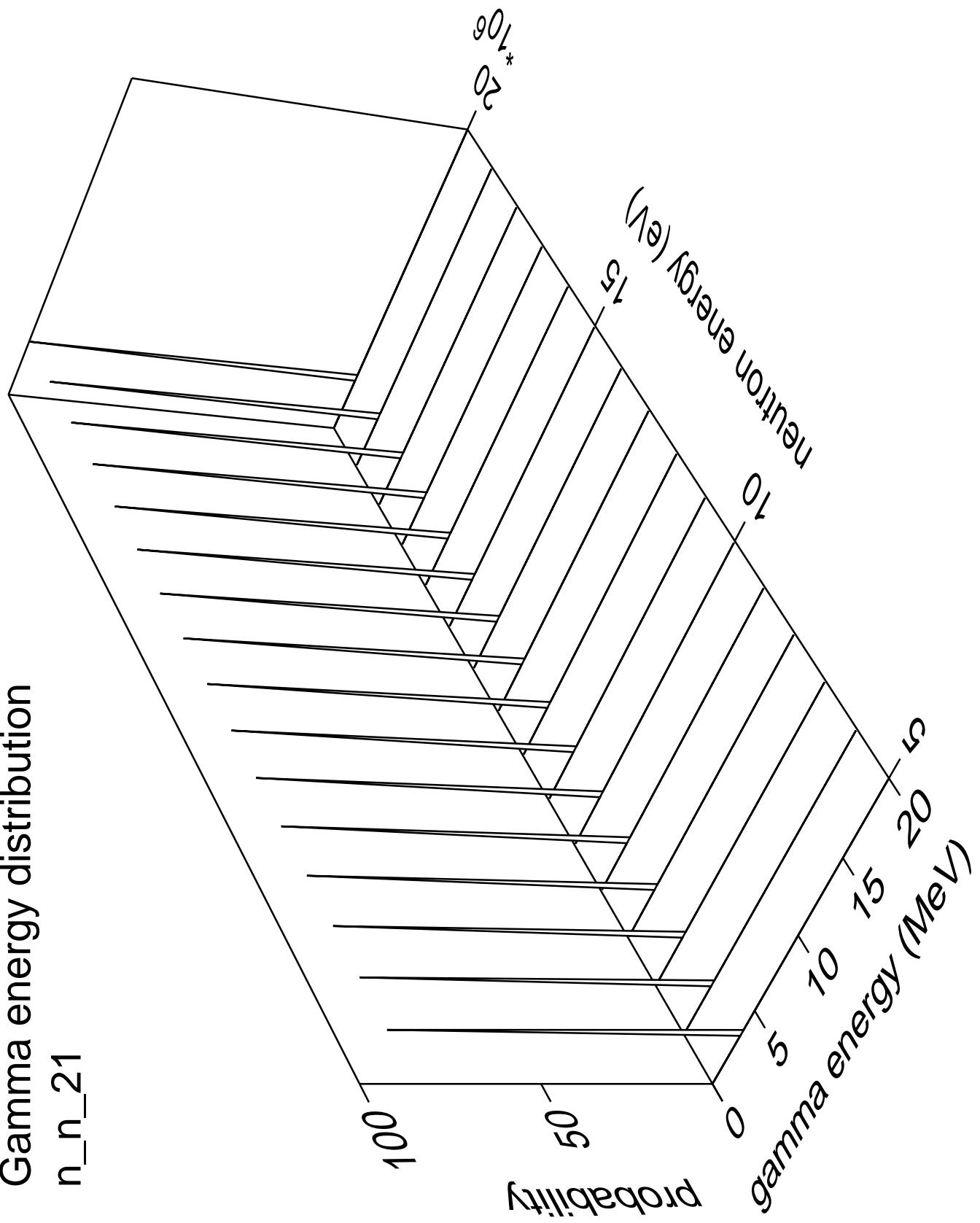
n\_n\_20



## Gamma multiplicities distribution

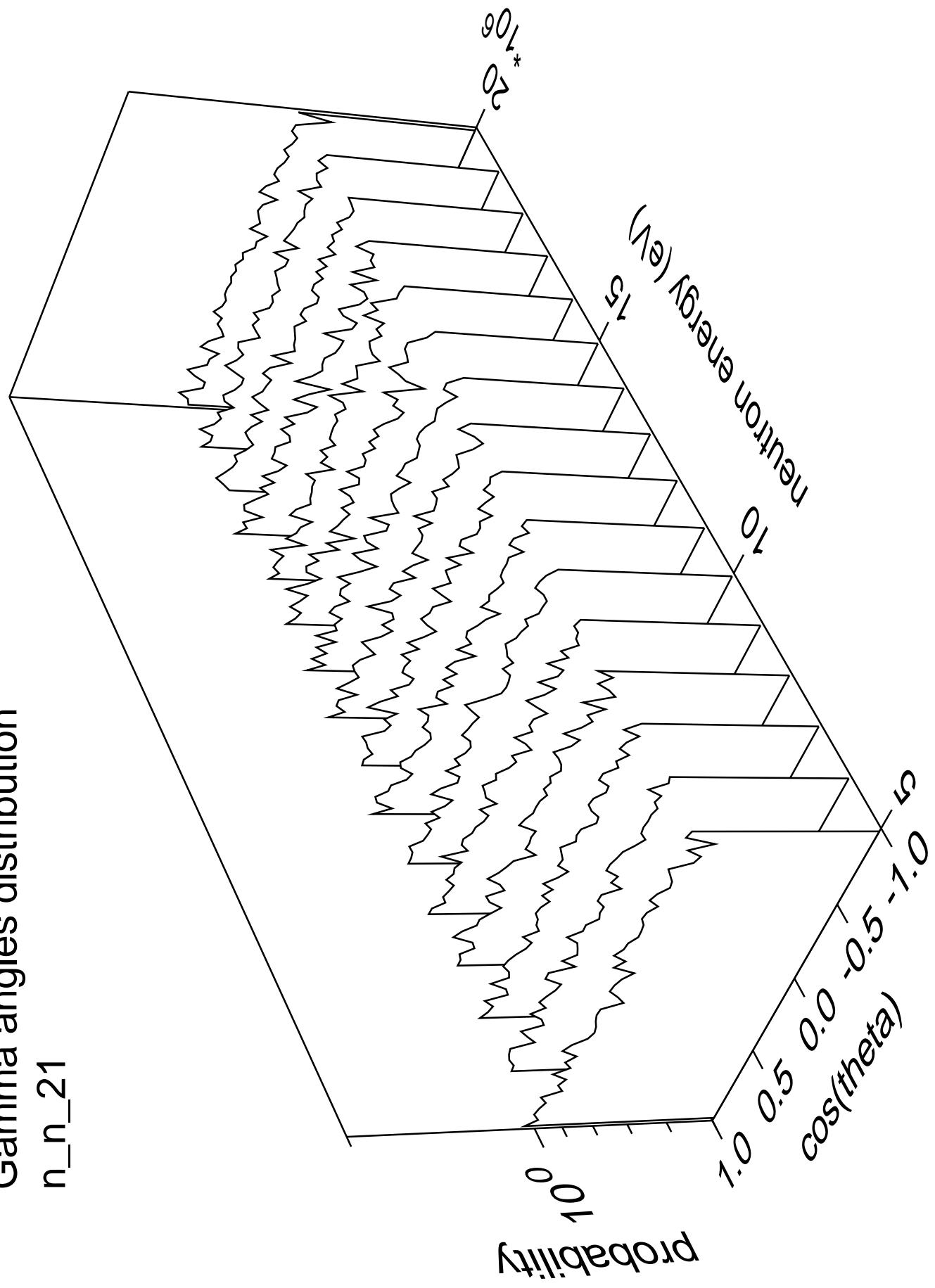


# Gamma energy distribution

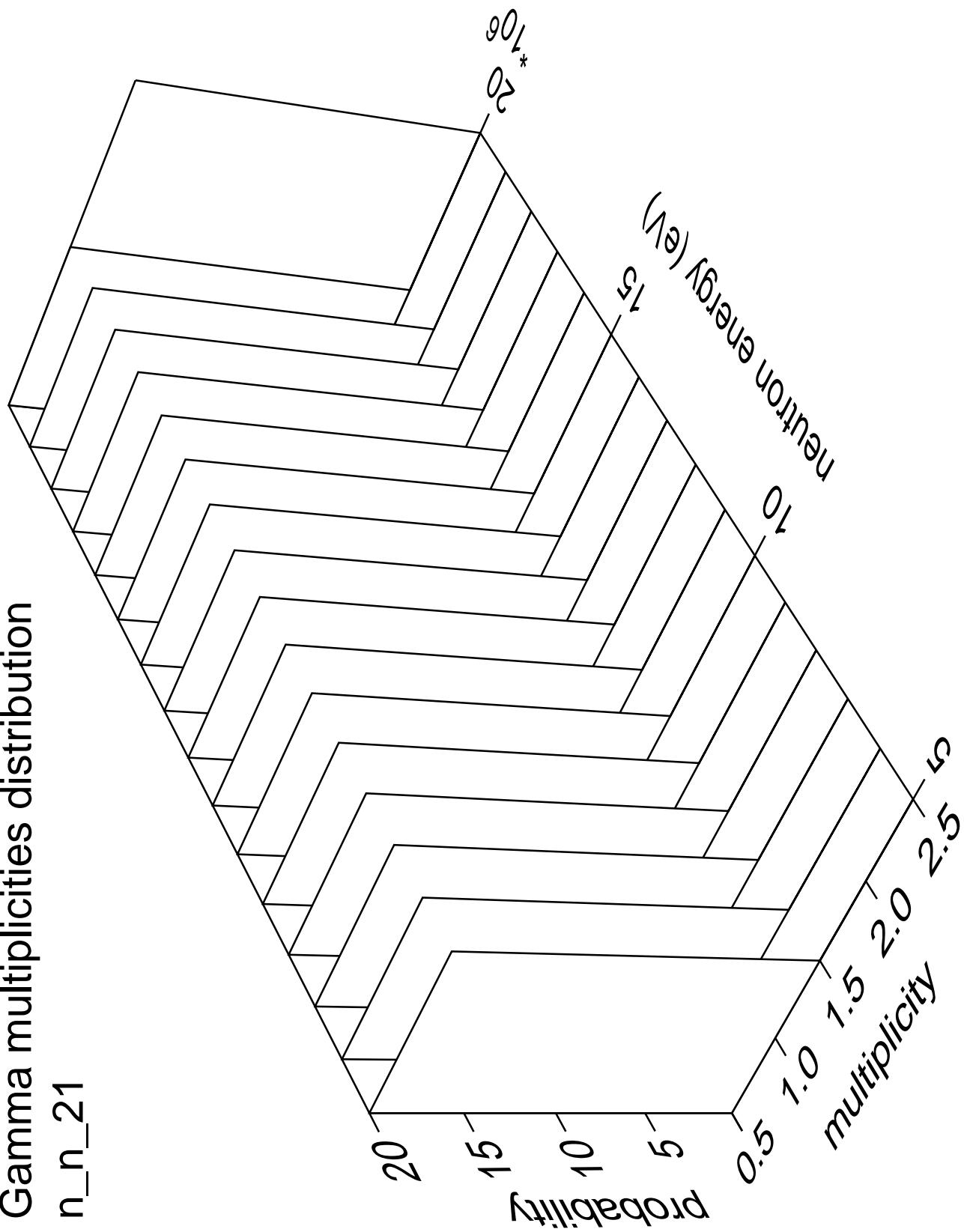


## Gamma angles distribution

$n_{n\_21}$

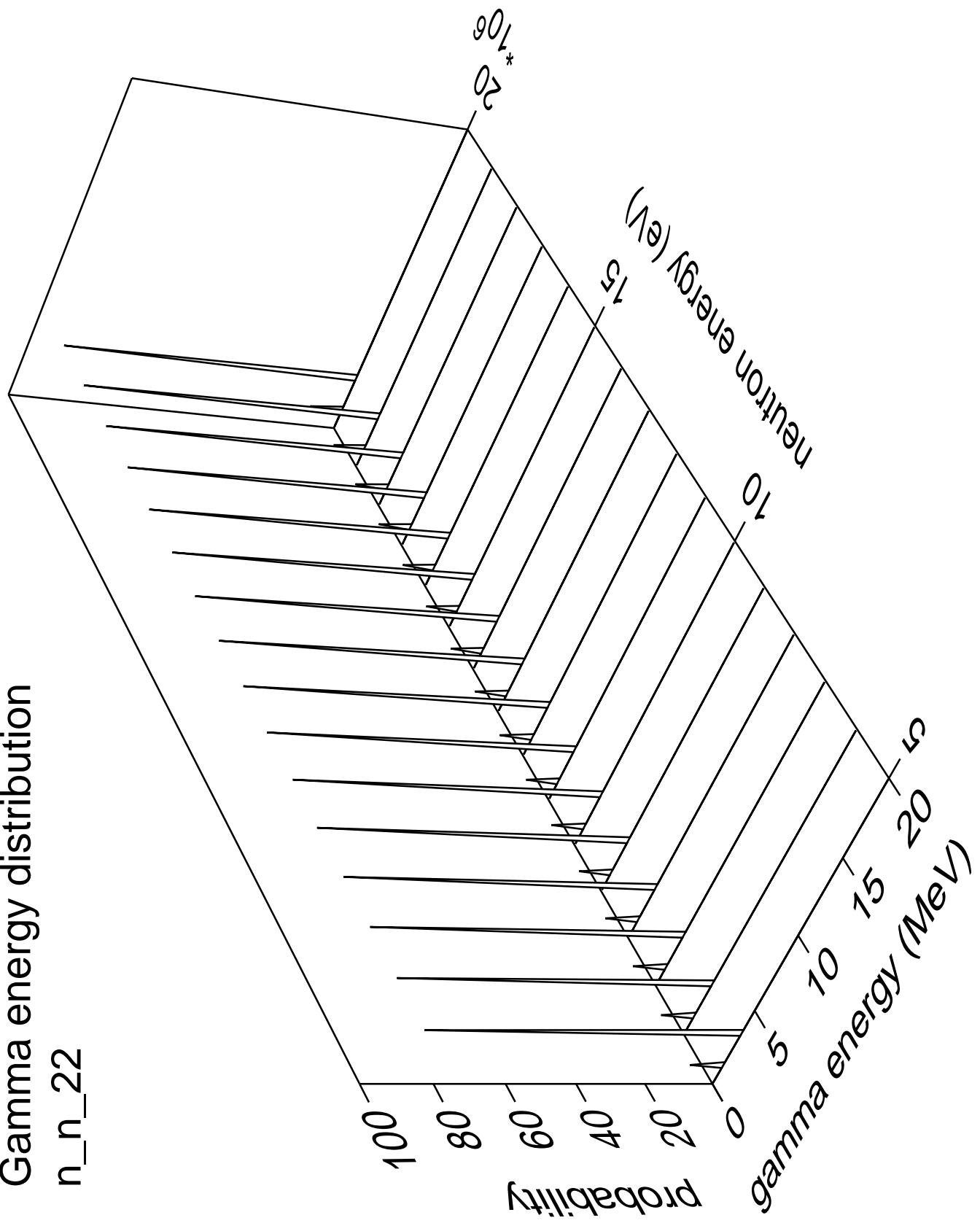


## Gamma multiplicities distribution



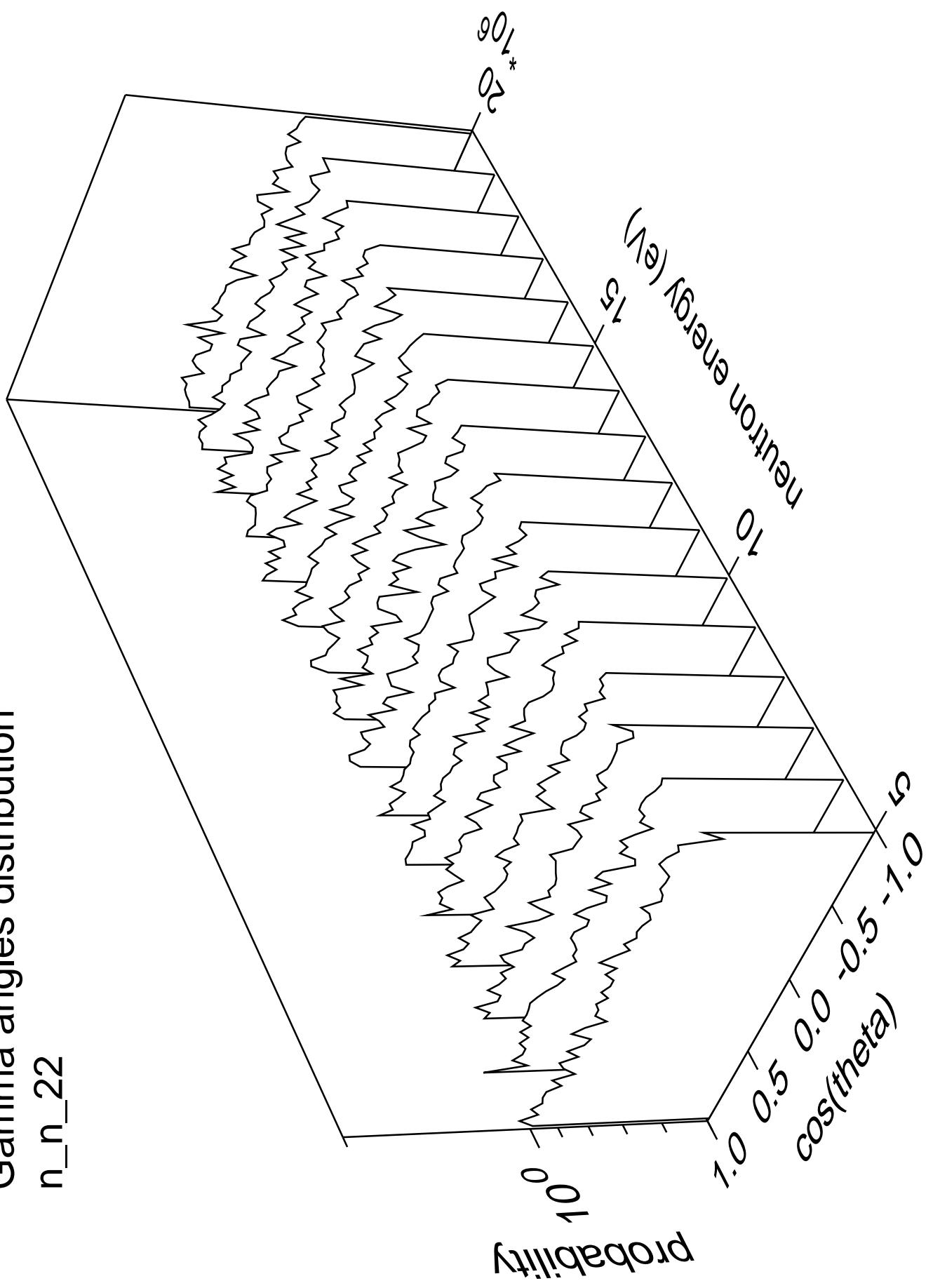
# Gamma energy distribution

n\_n\_22



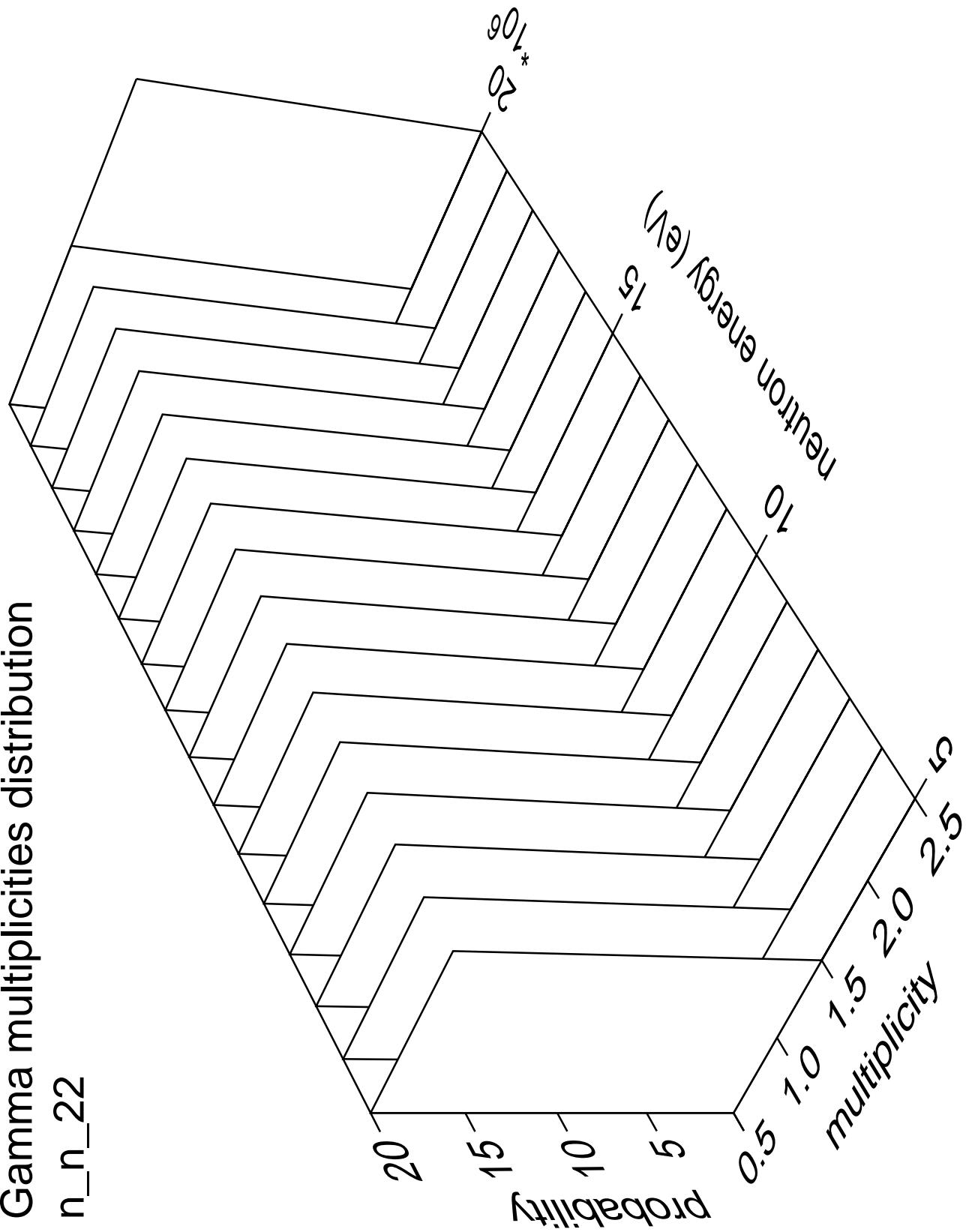
Gamma angles distribution

n\_n\_22

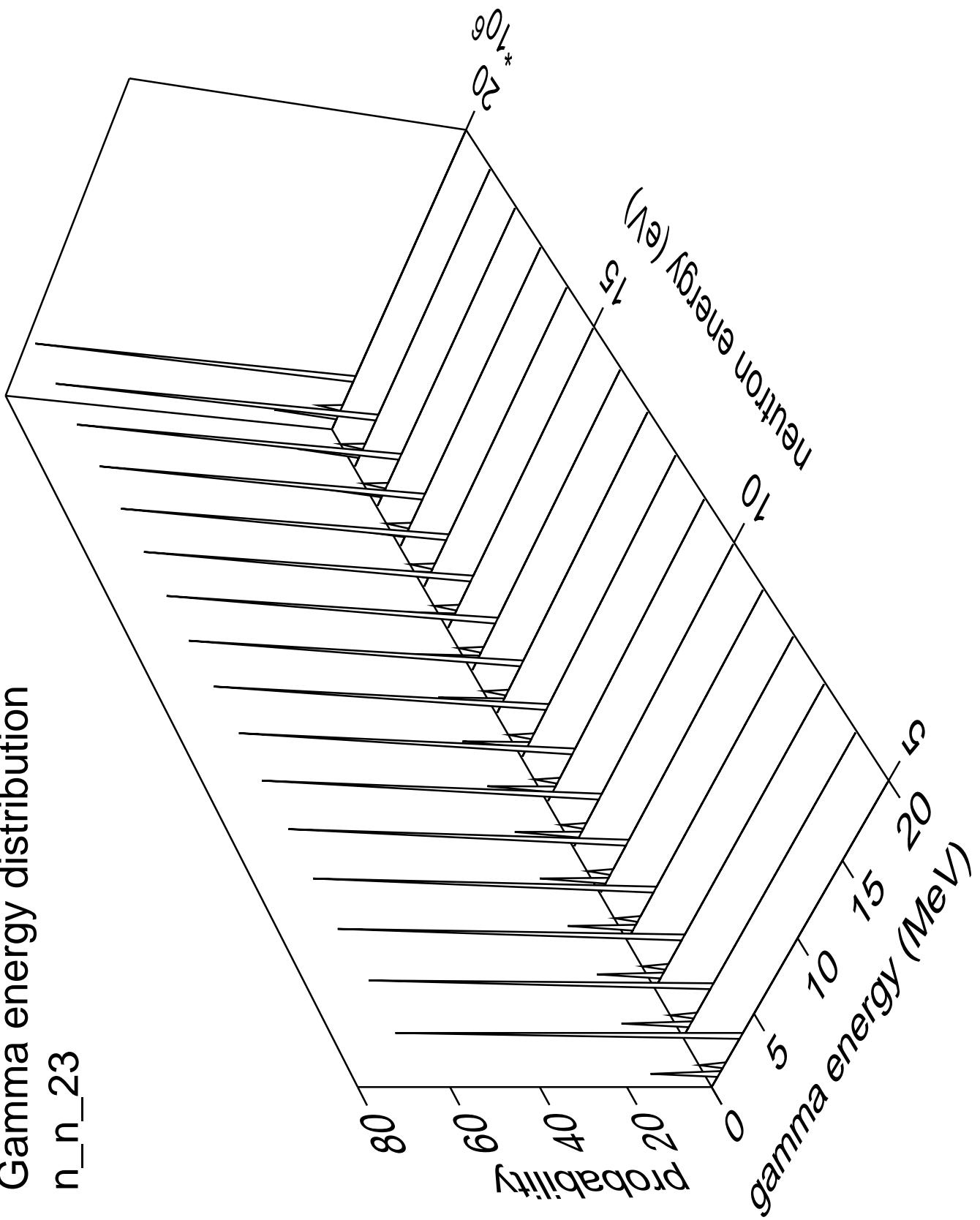


## Gamma multiplicities distribution

$n_n_{22}$

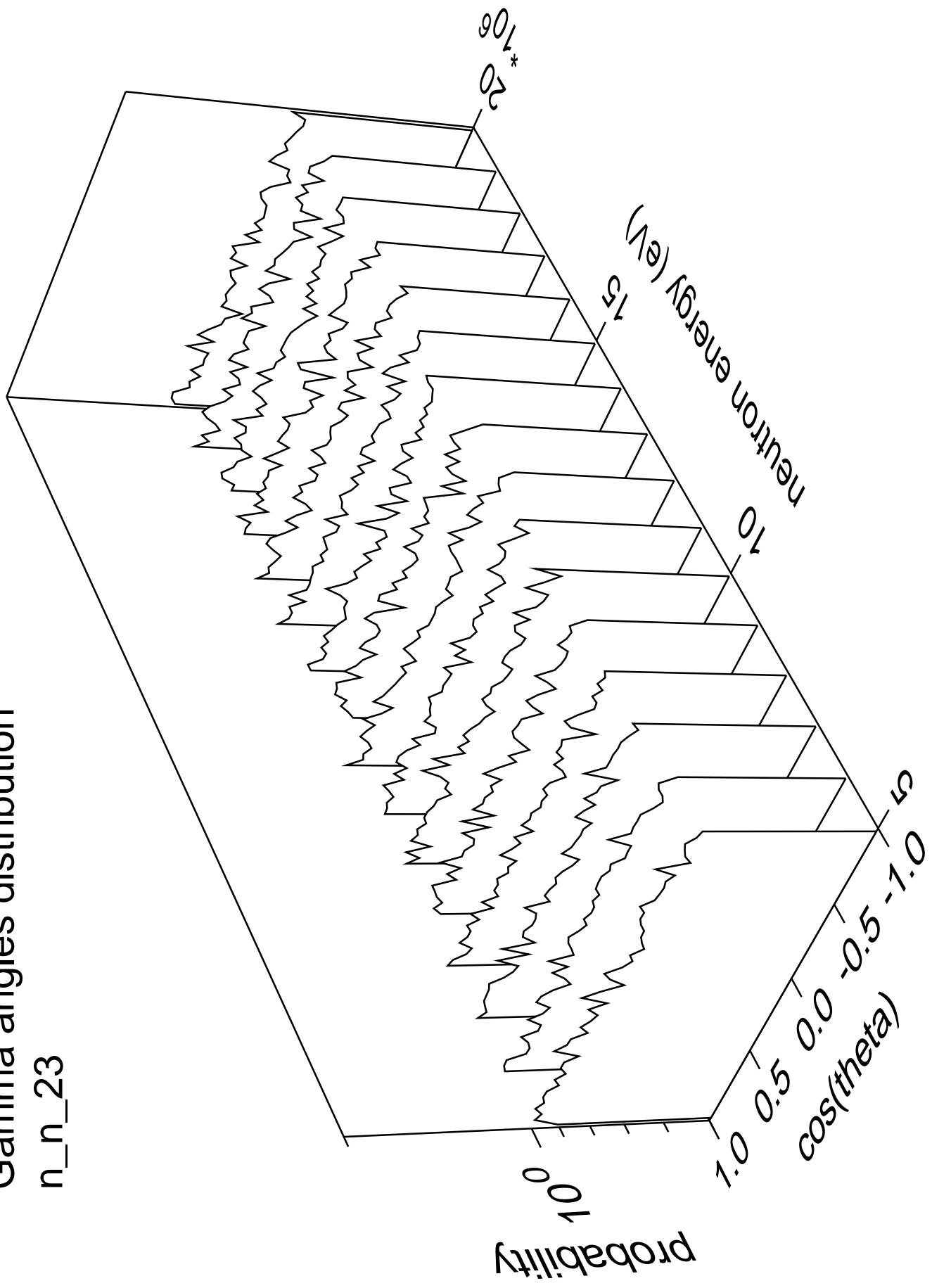


# Gamma energy distribution n\_n\_23



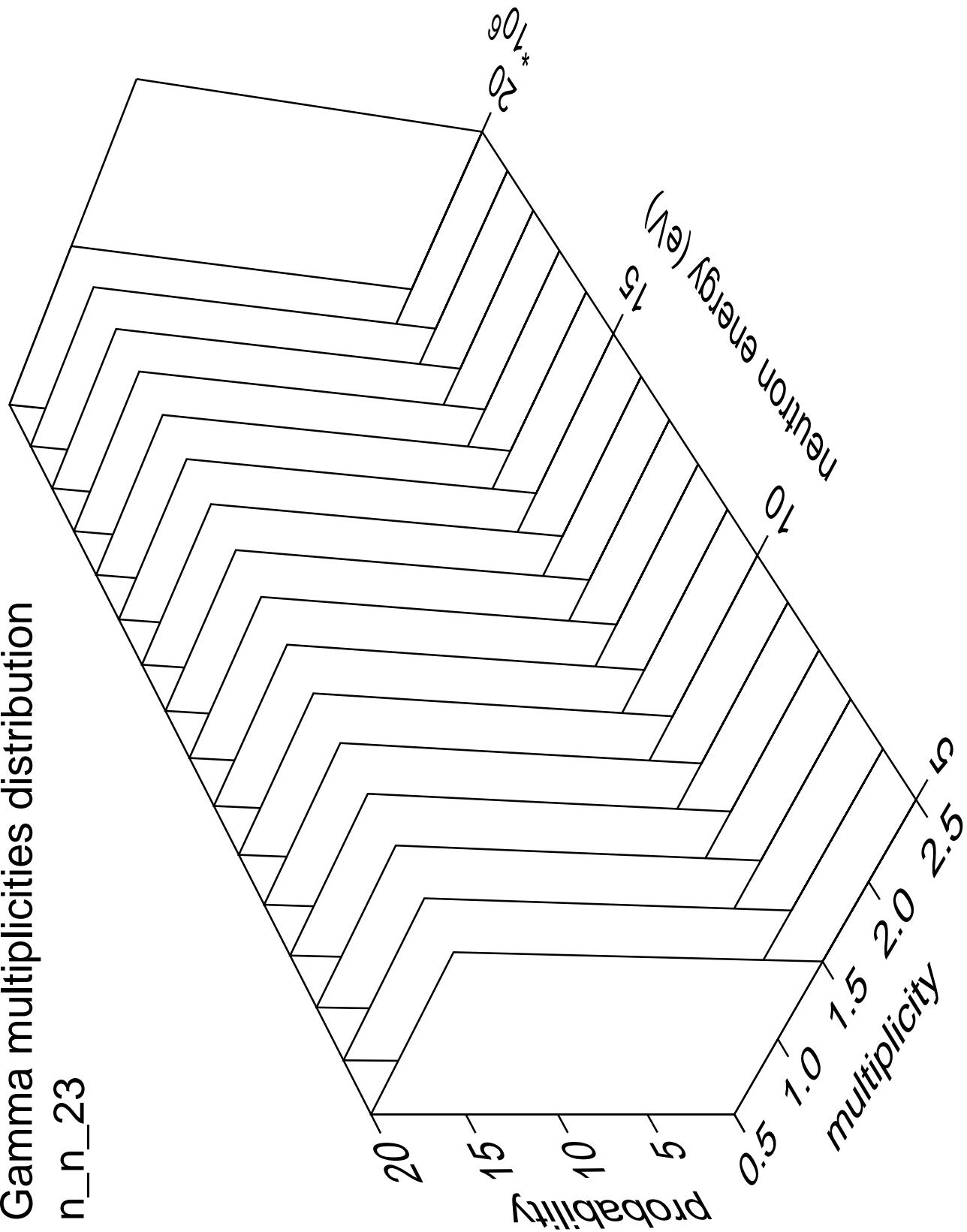
Gamma angles distribution

n\_n\_23

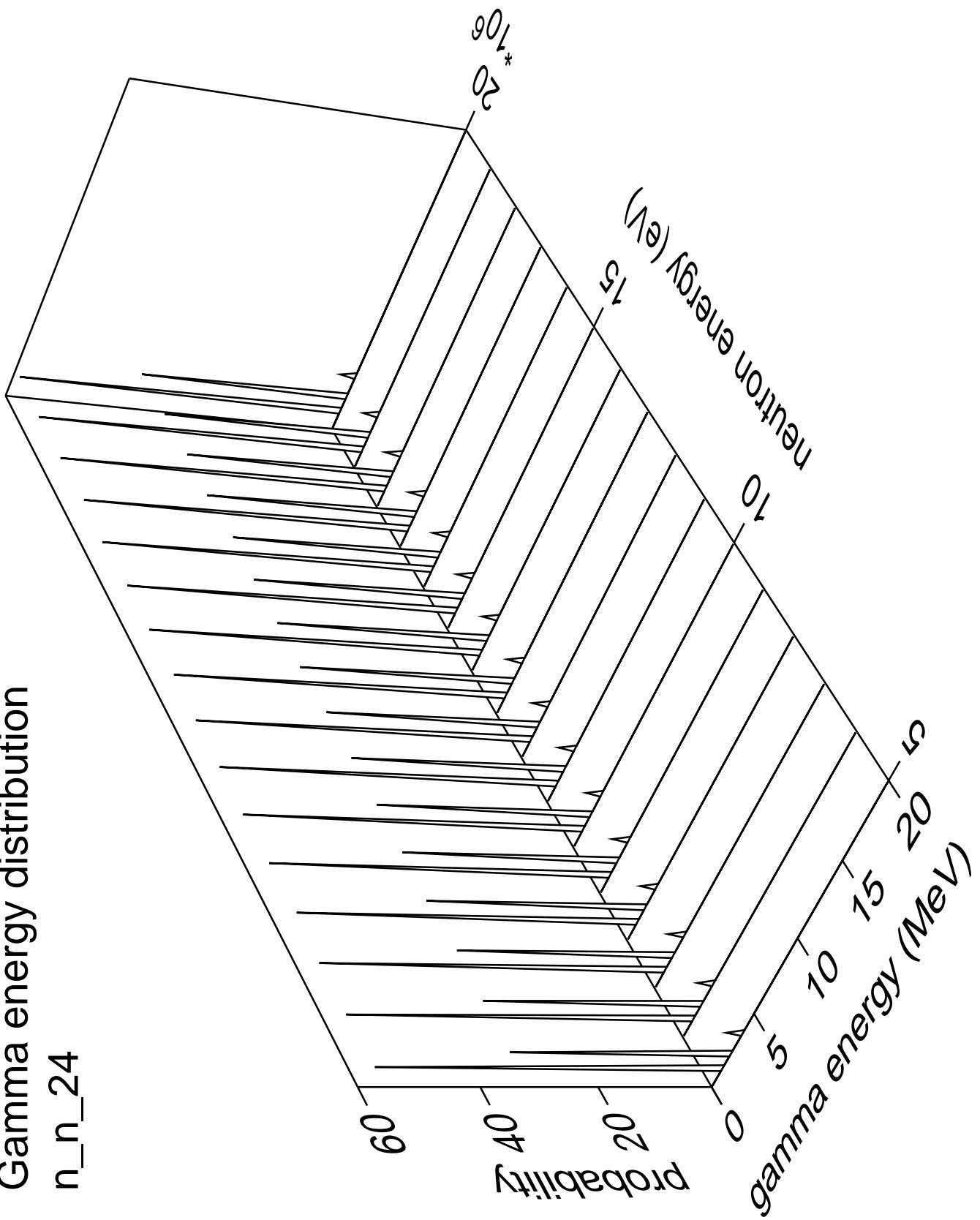


## Gamma multiplicities distribution

$n_n_{23}$

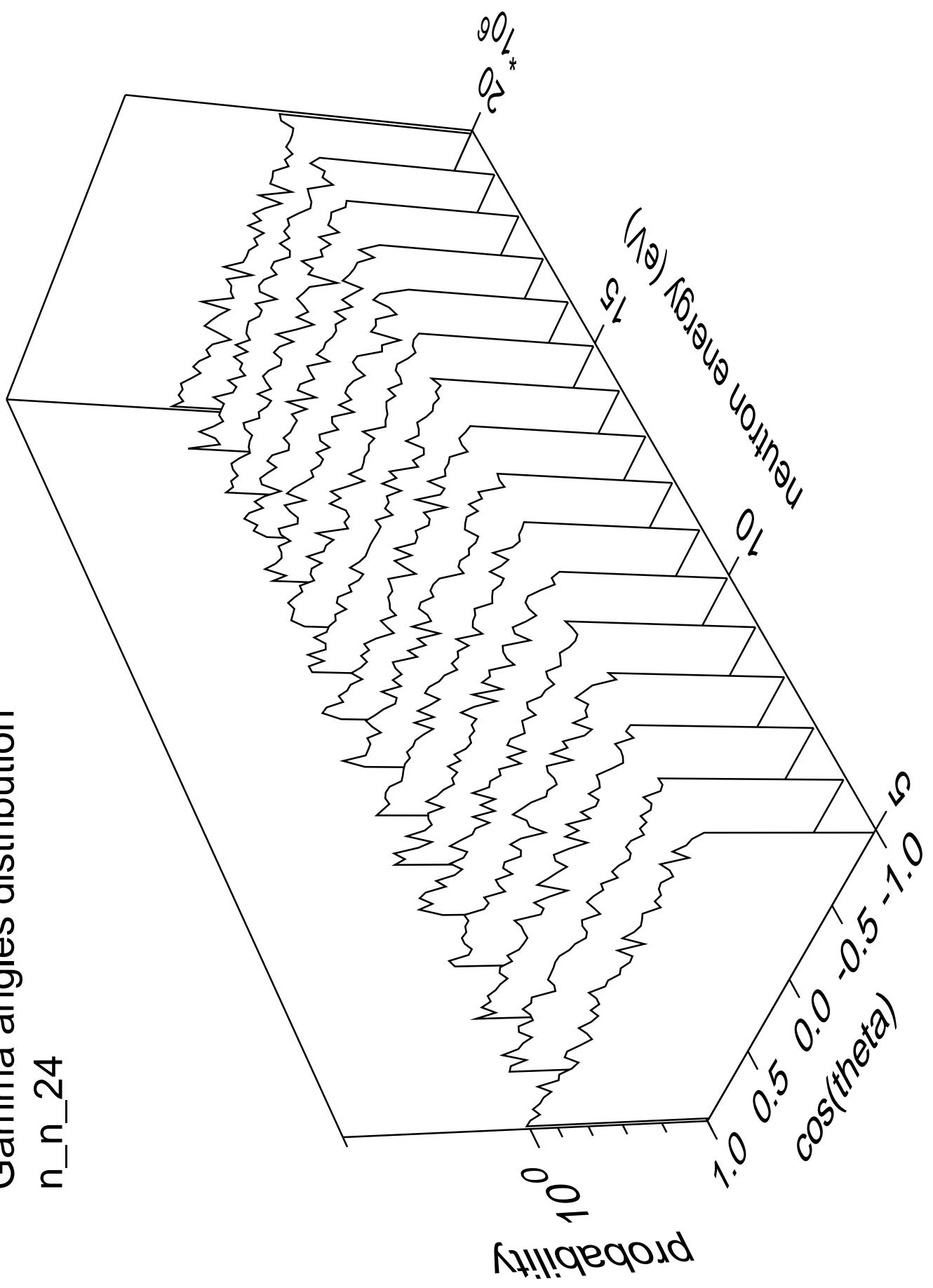


# Gamma energy distribution n\_n\_24

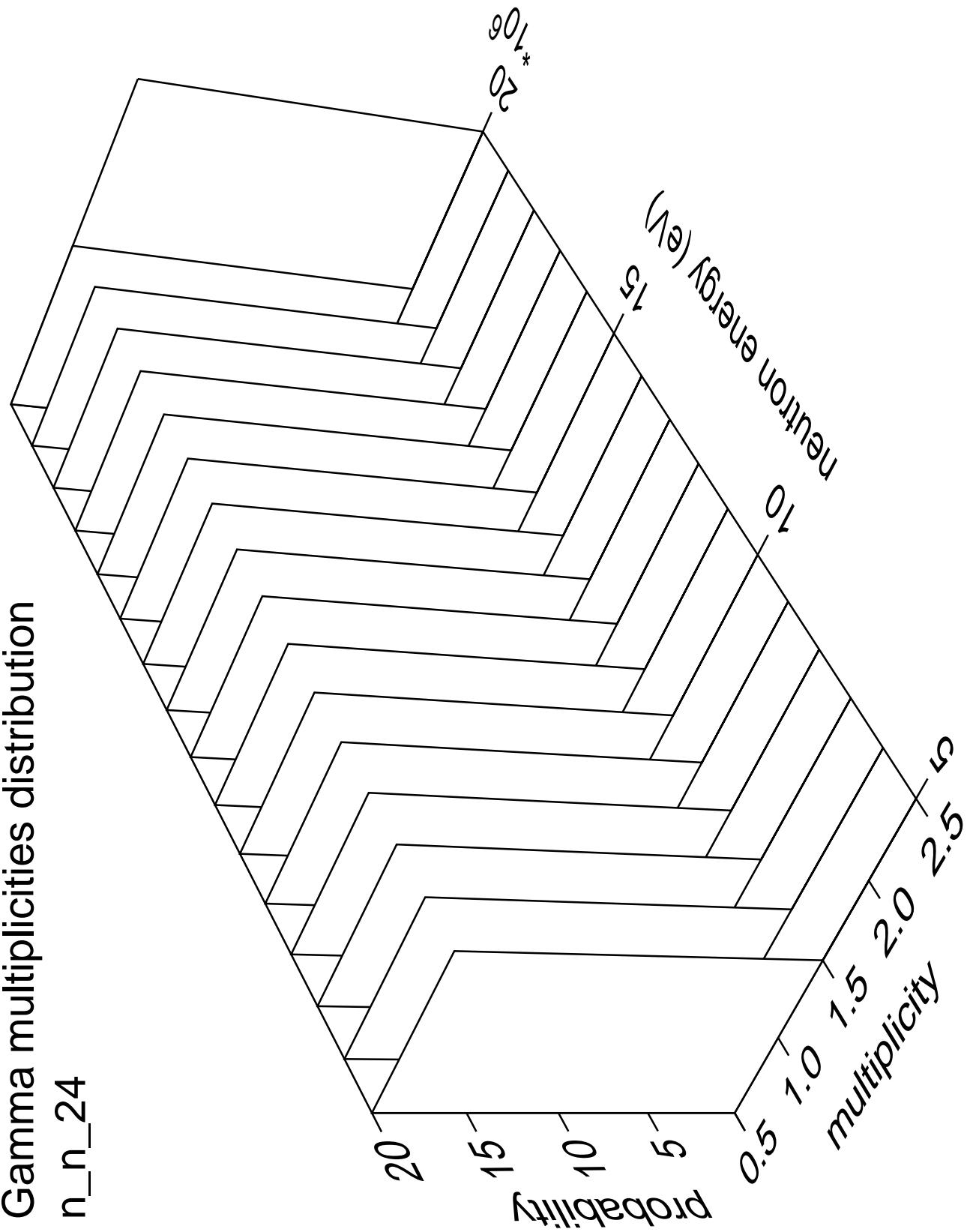


Gamma angles distribution

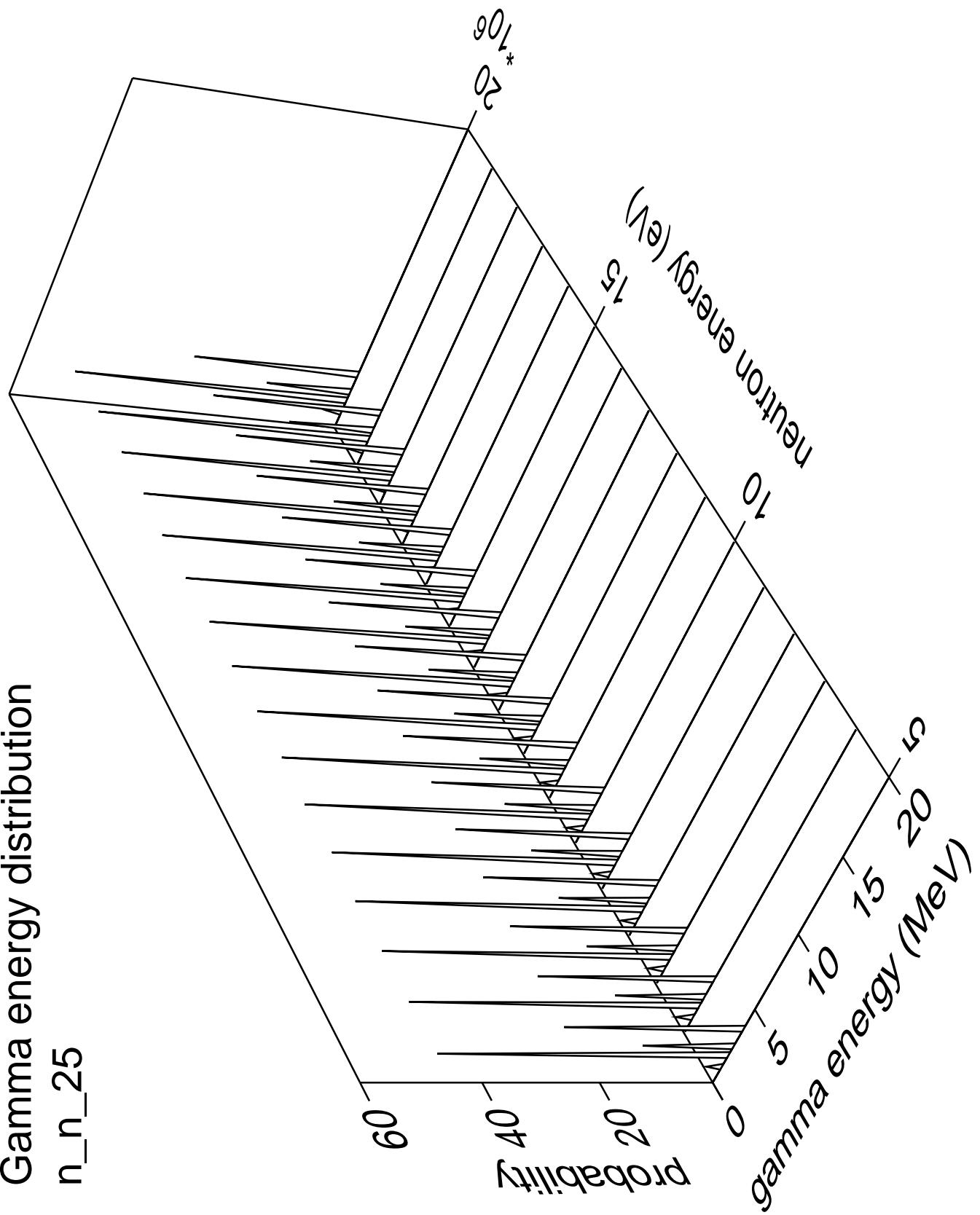
n\_n\_24



# Gamma multiplicities distribution

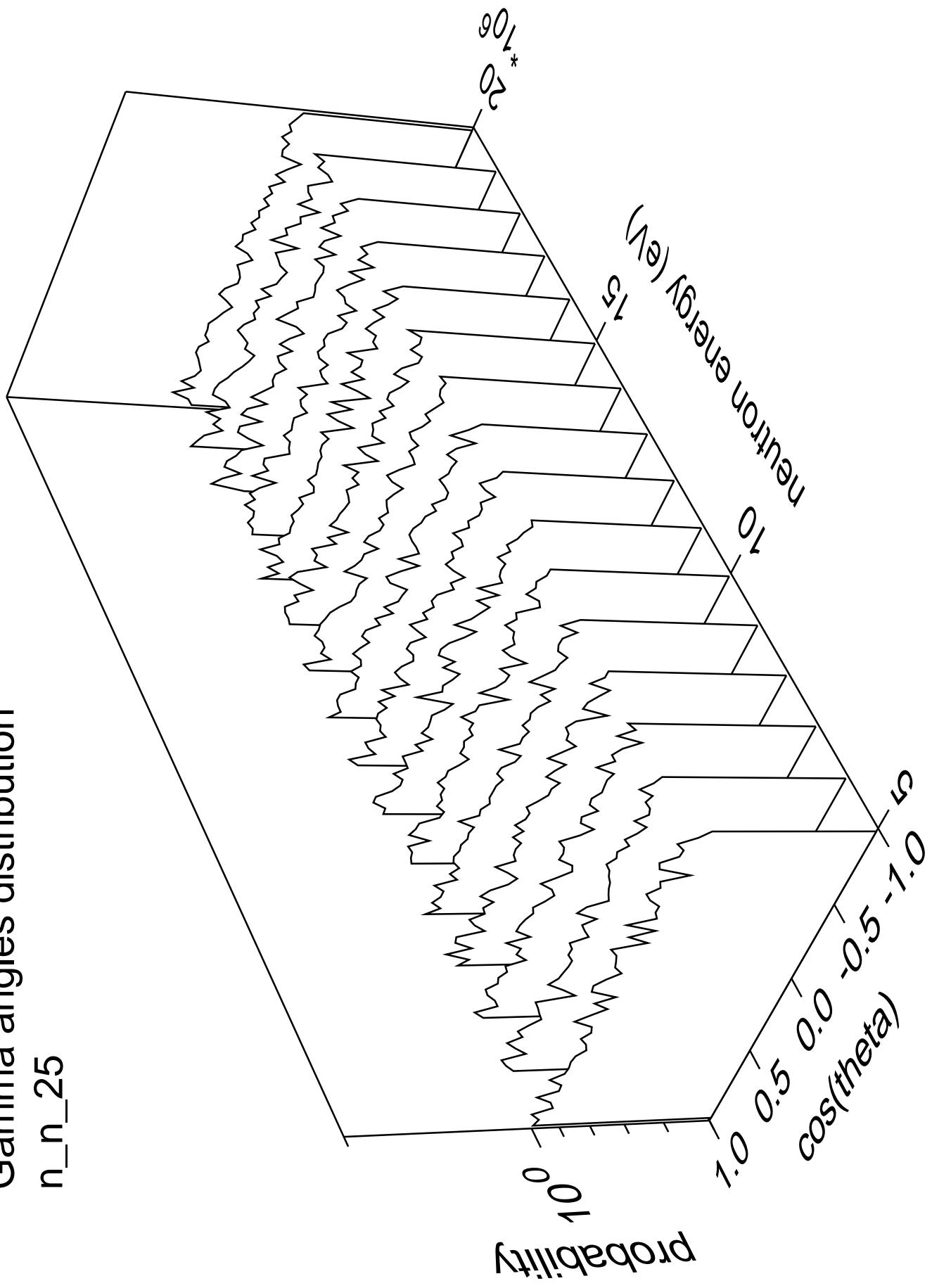


# Gamma energy distribution



Gamma angles distribution

n\_n\_25



## Gamma multiplicities distribution

