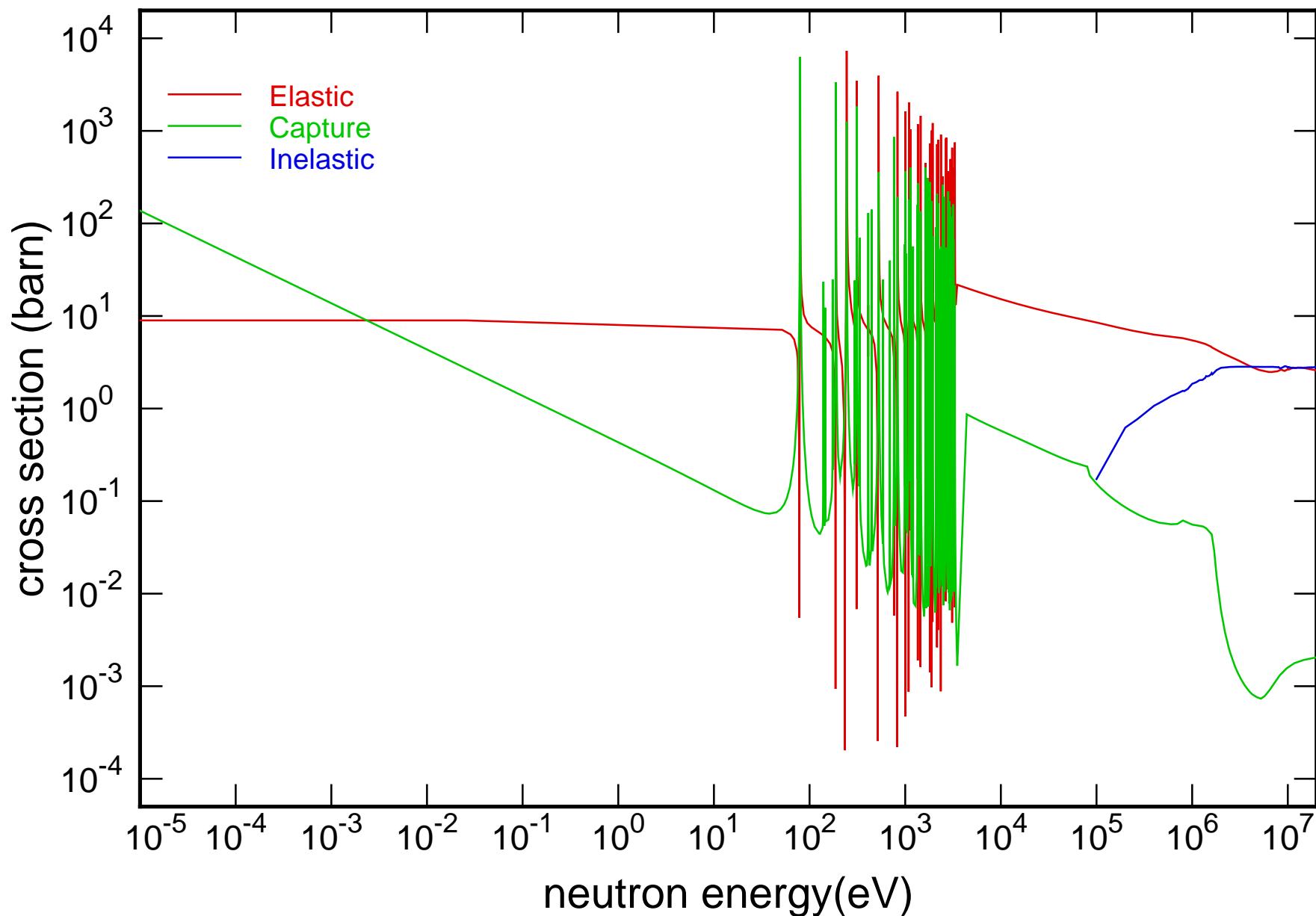
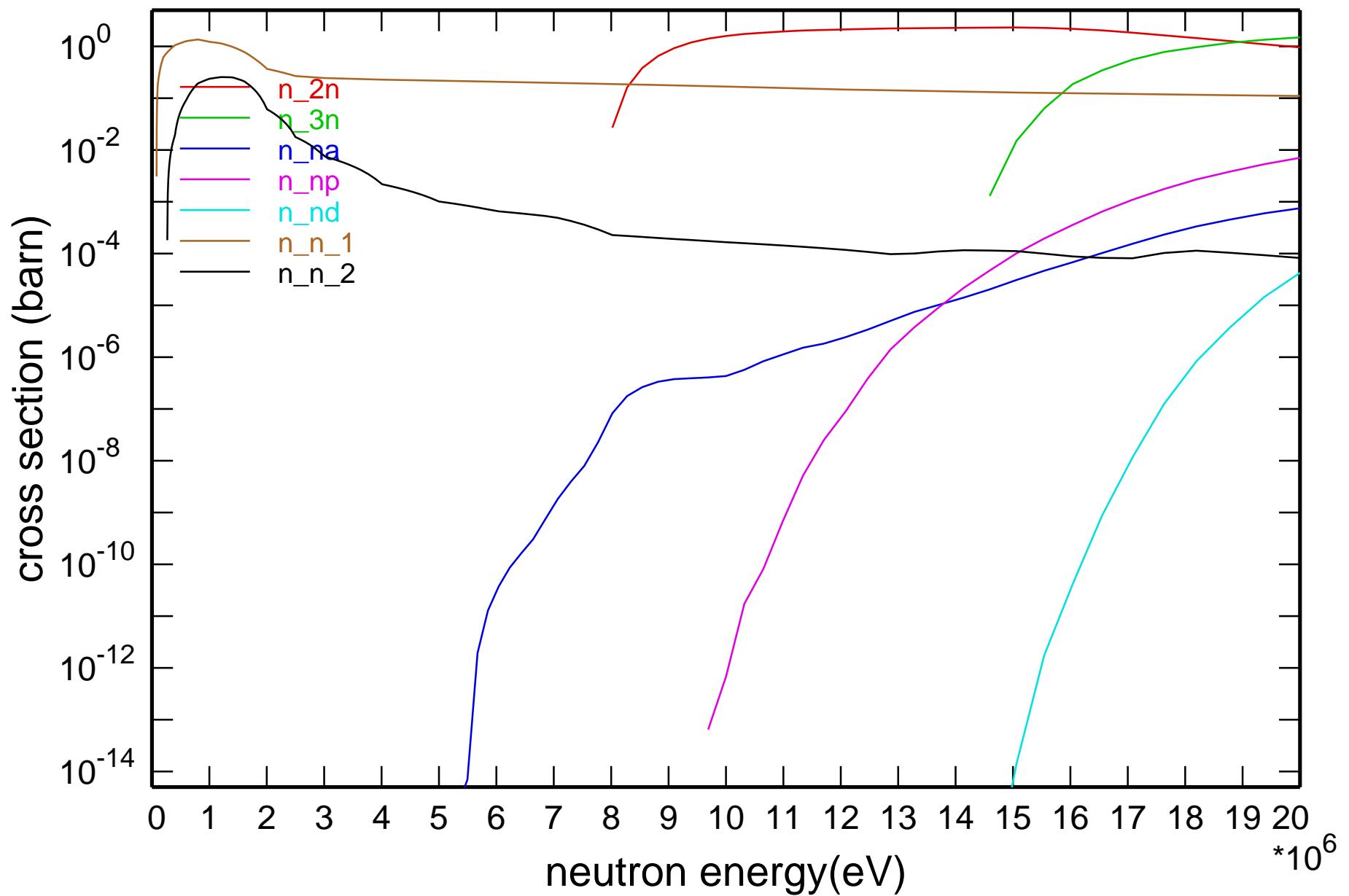


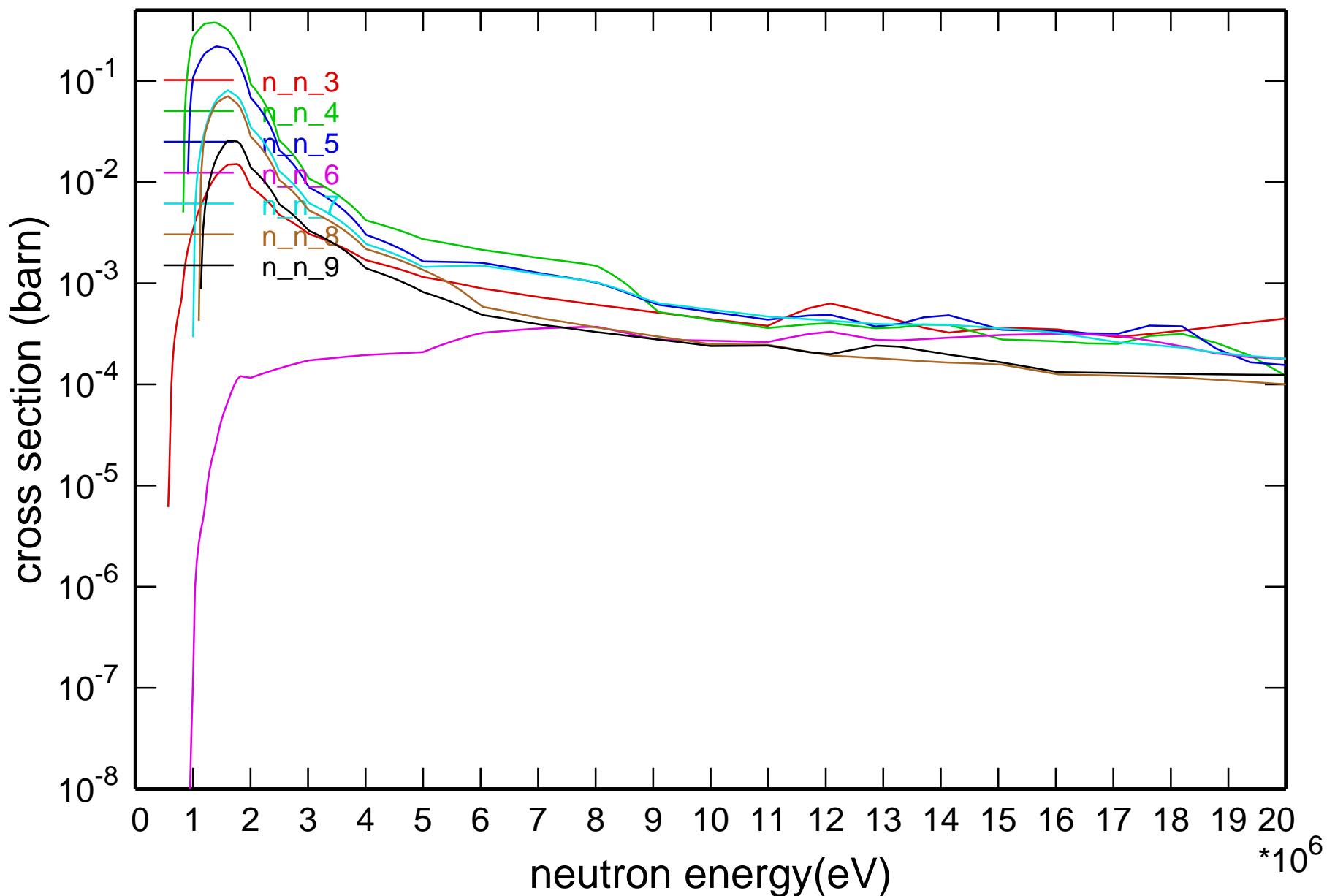
## Main Cross Sections



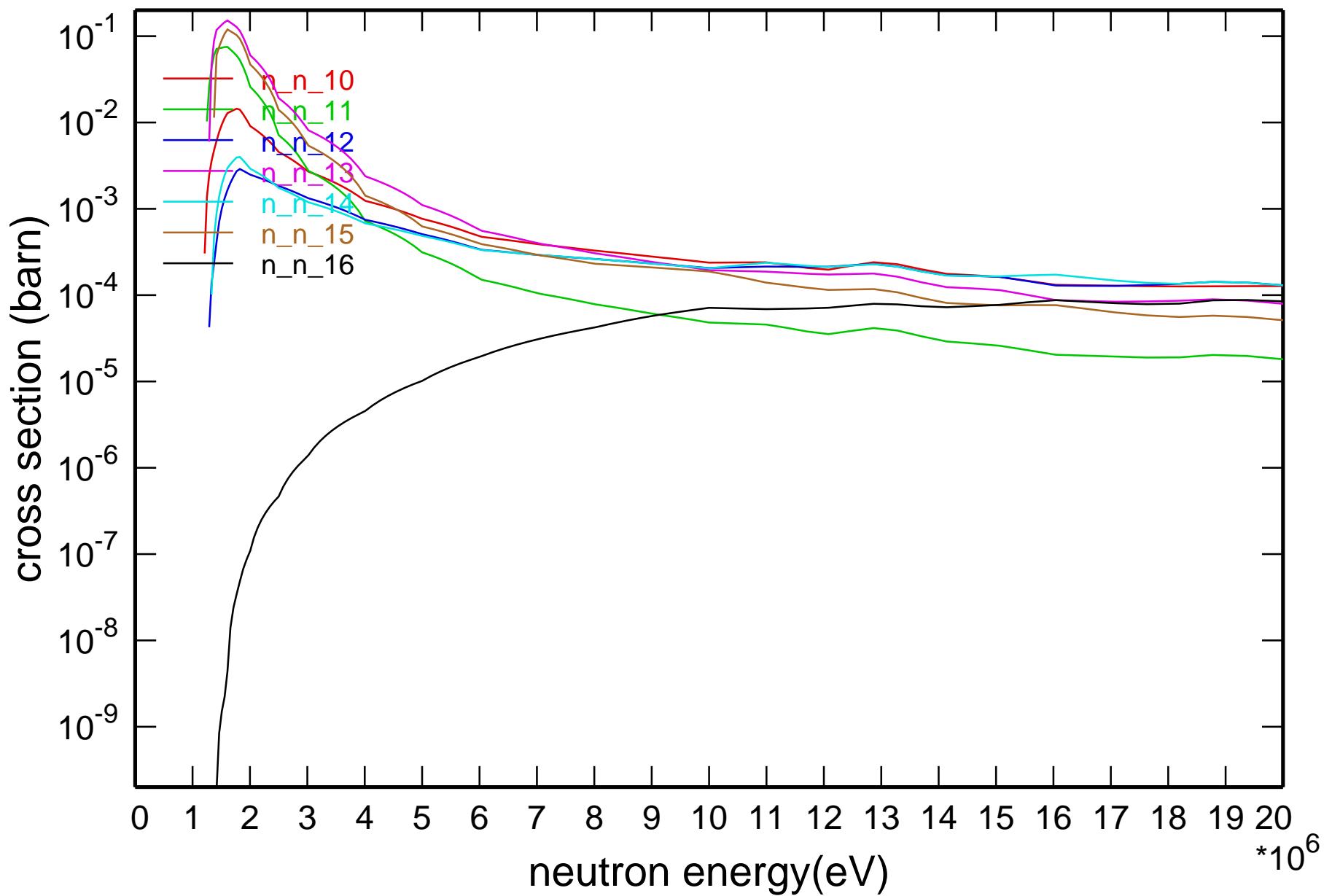
# Cross Section

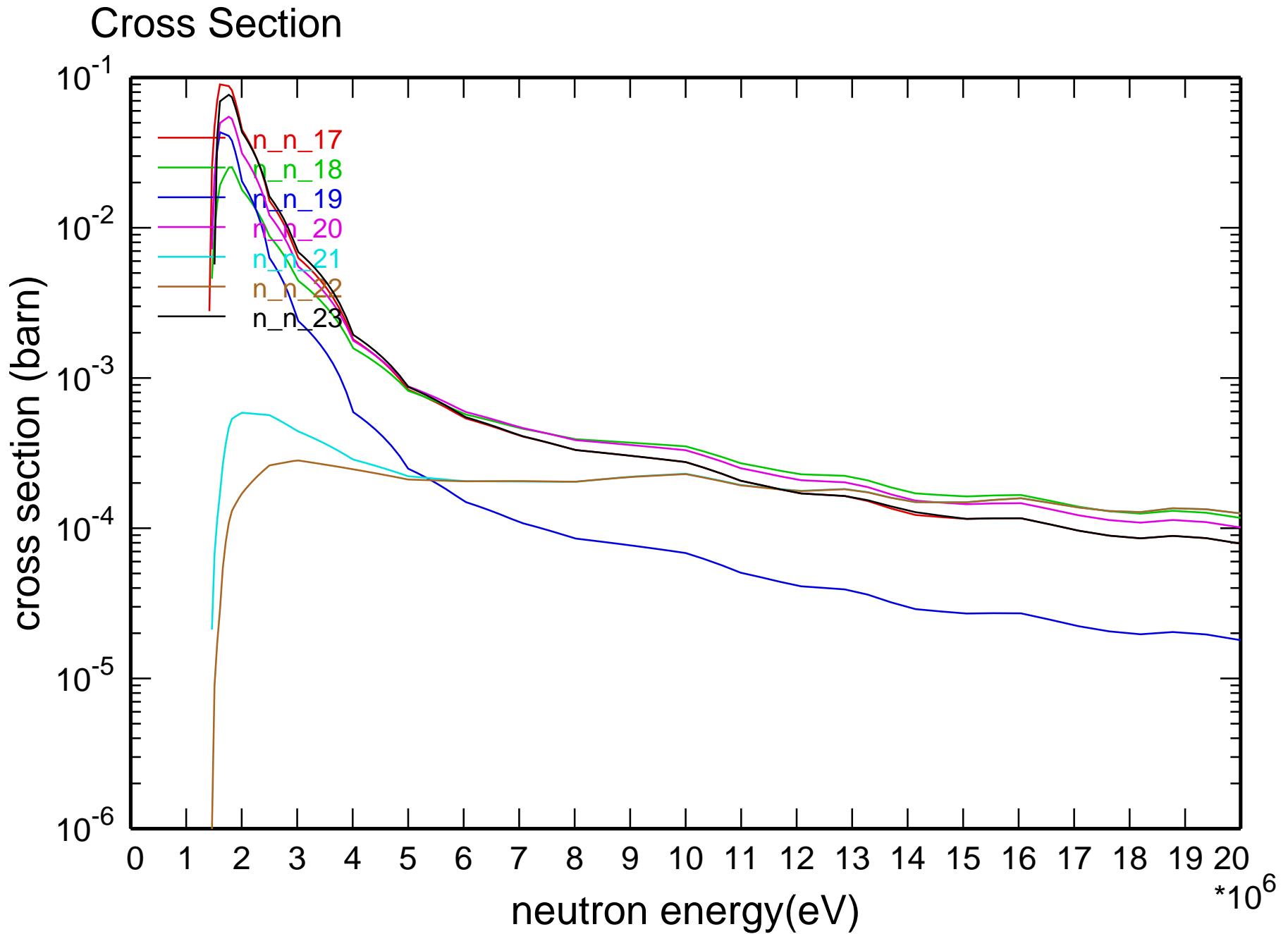


# Cross Section

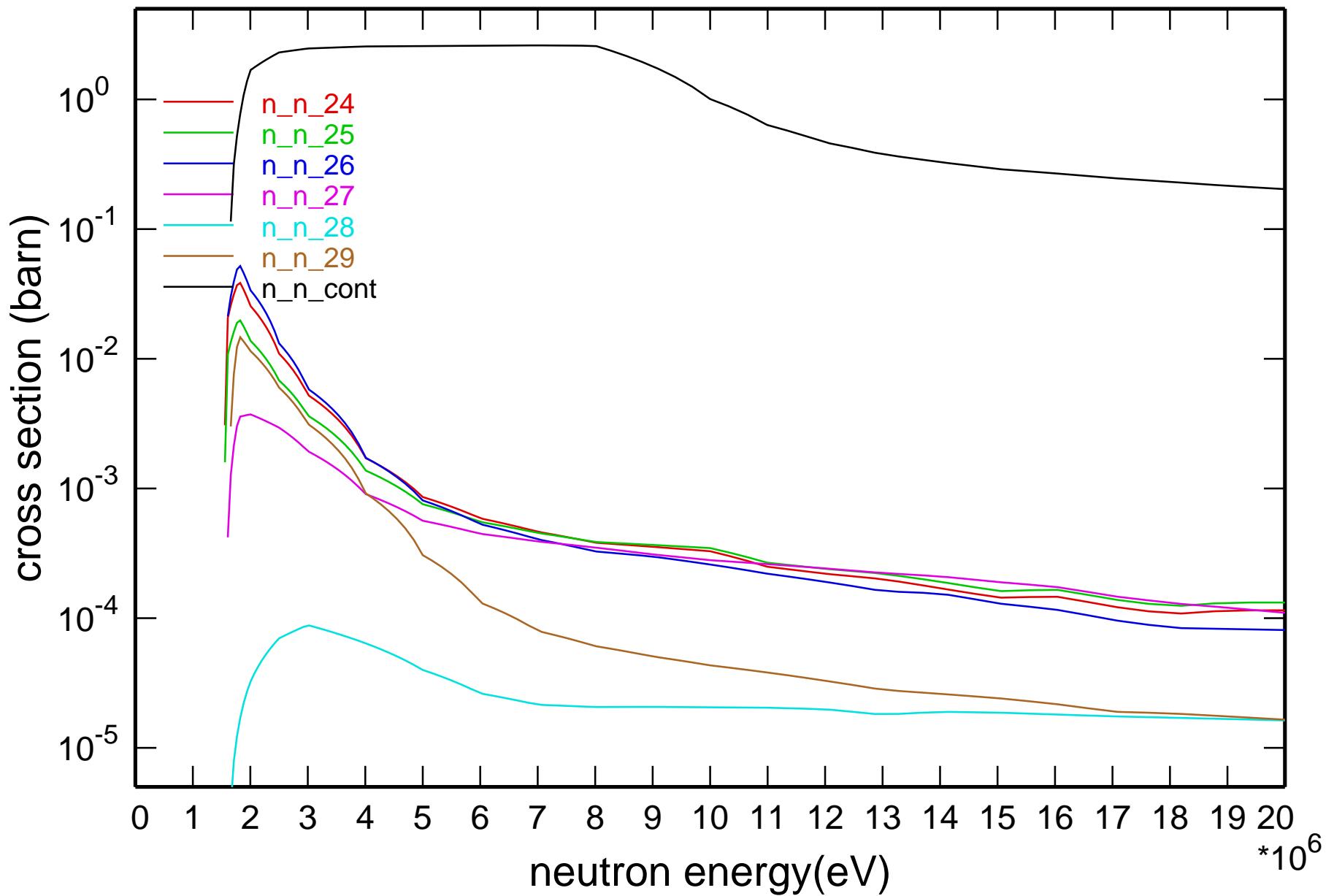


# Cross Section

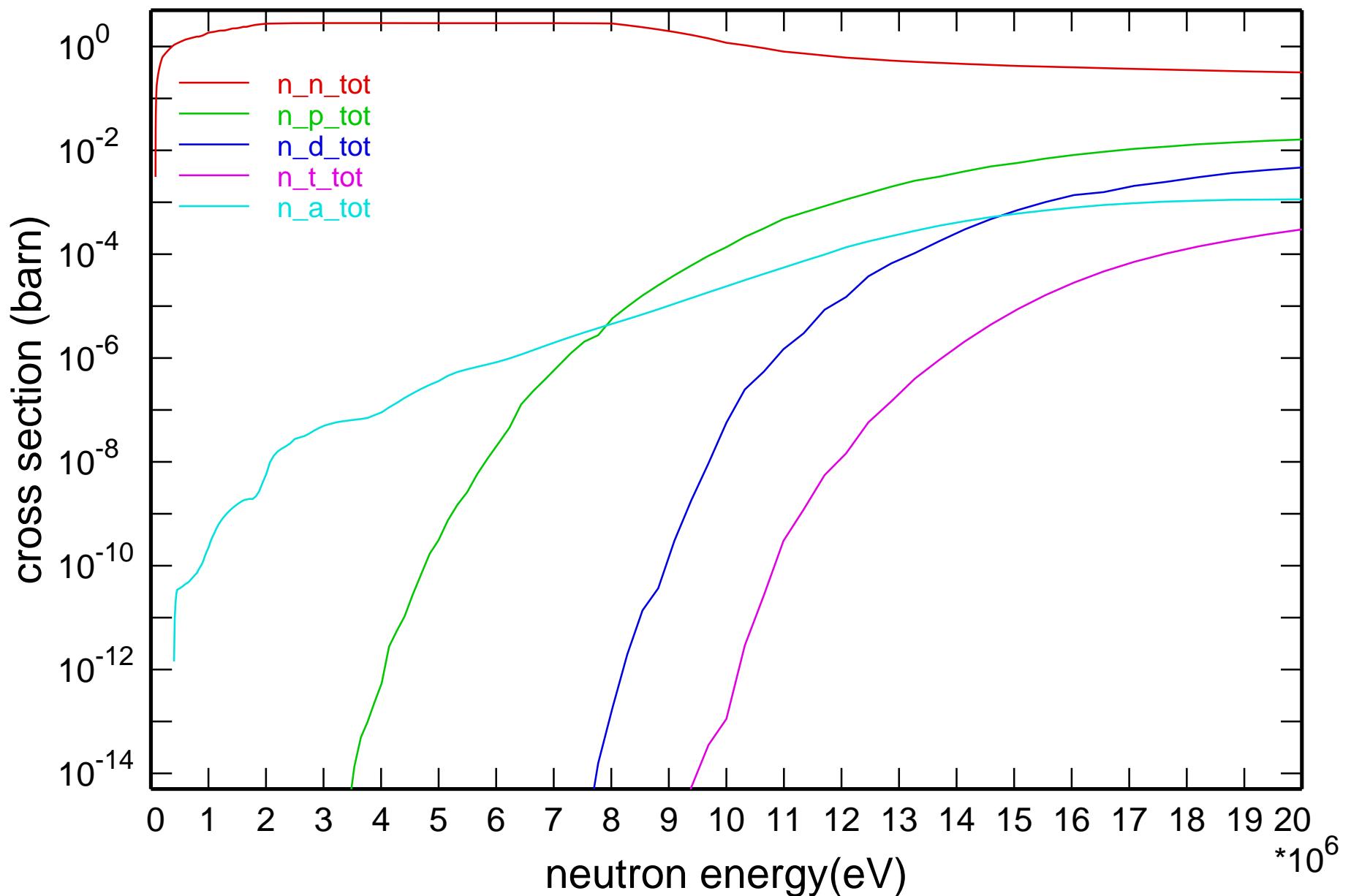


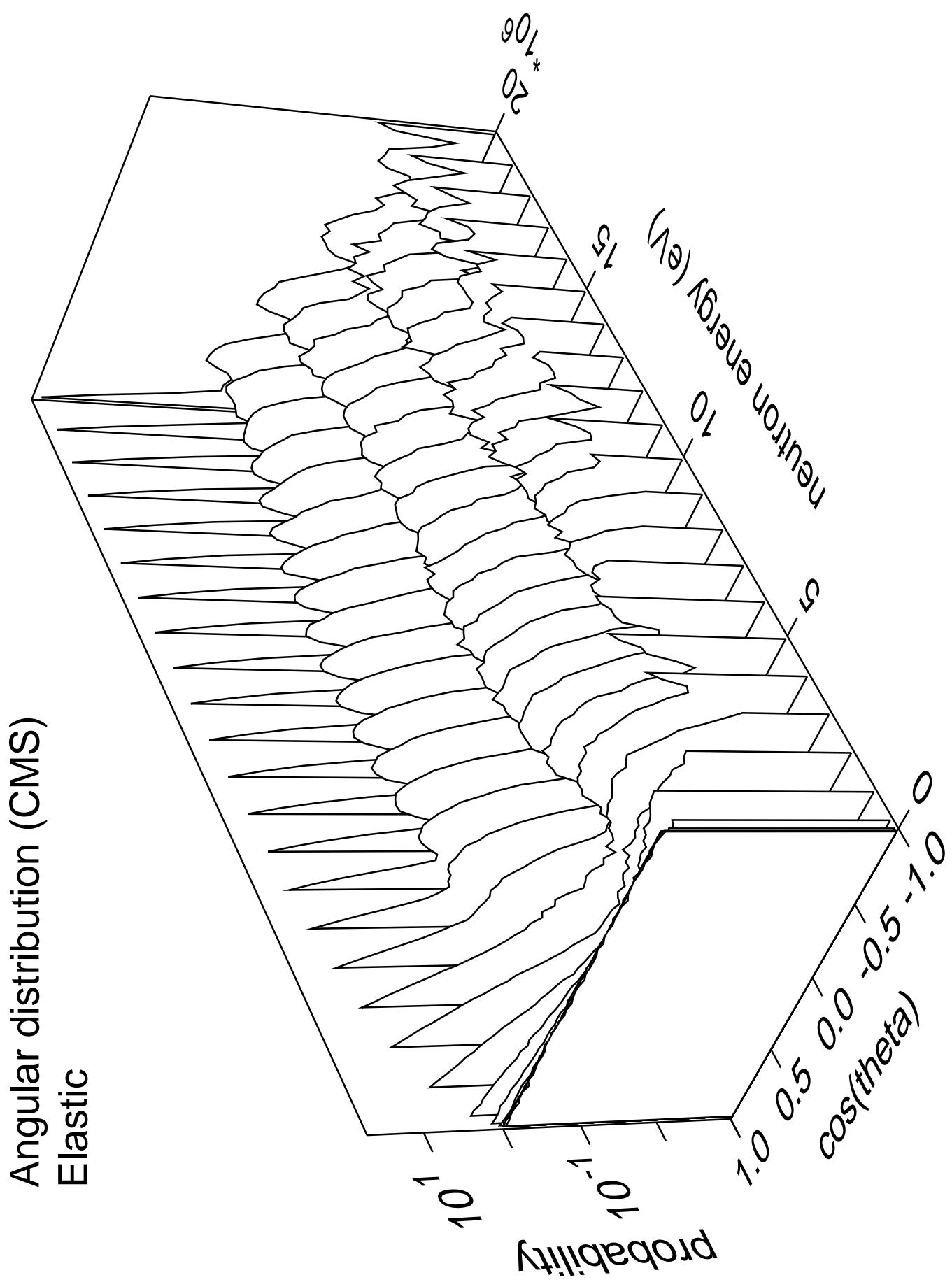


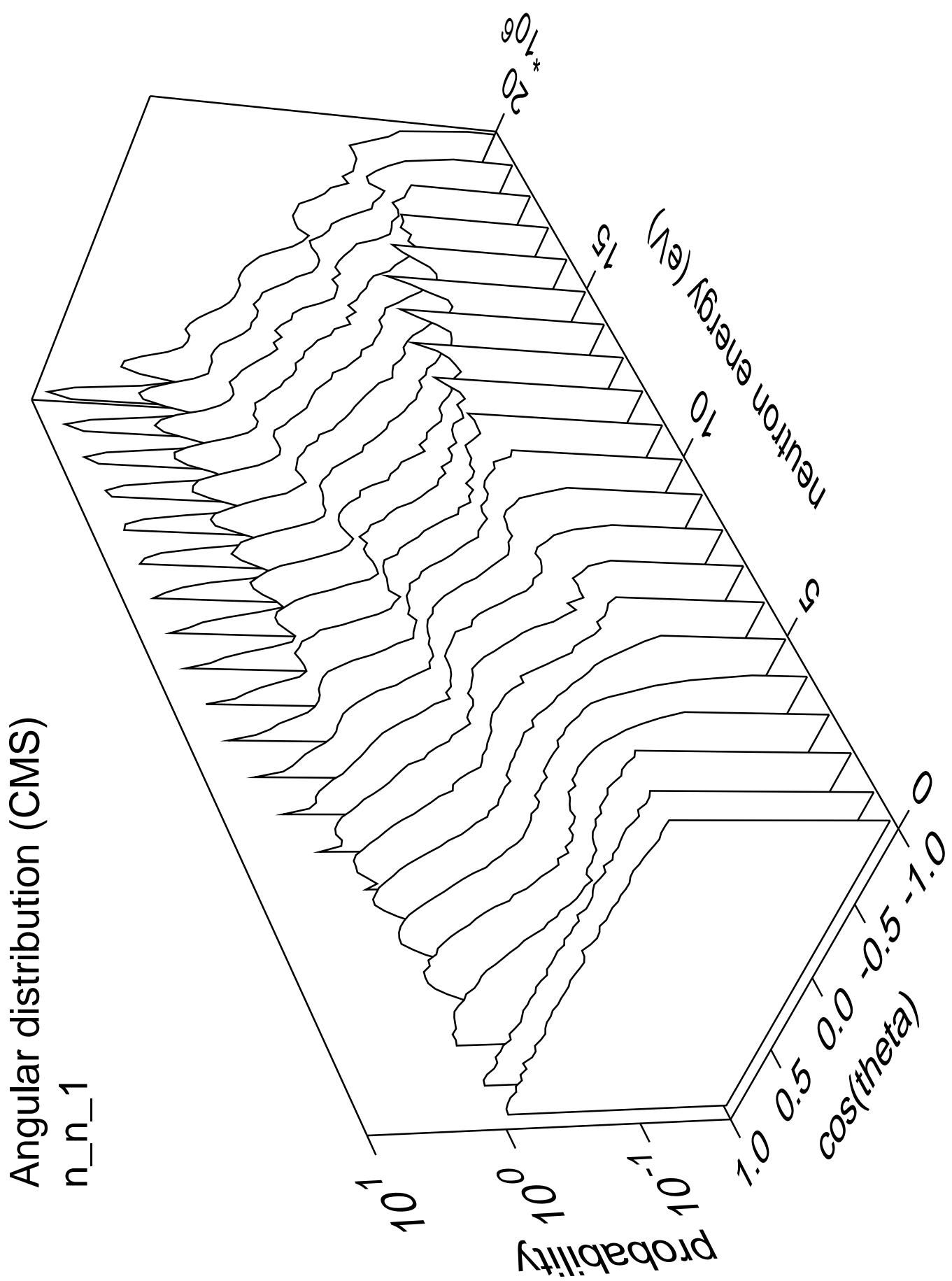
# Cross Section

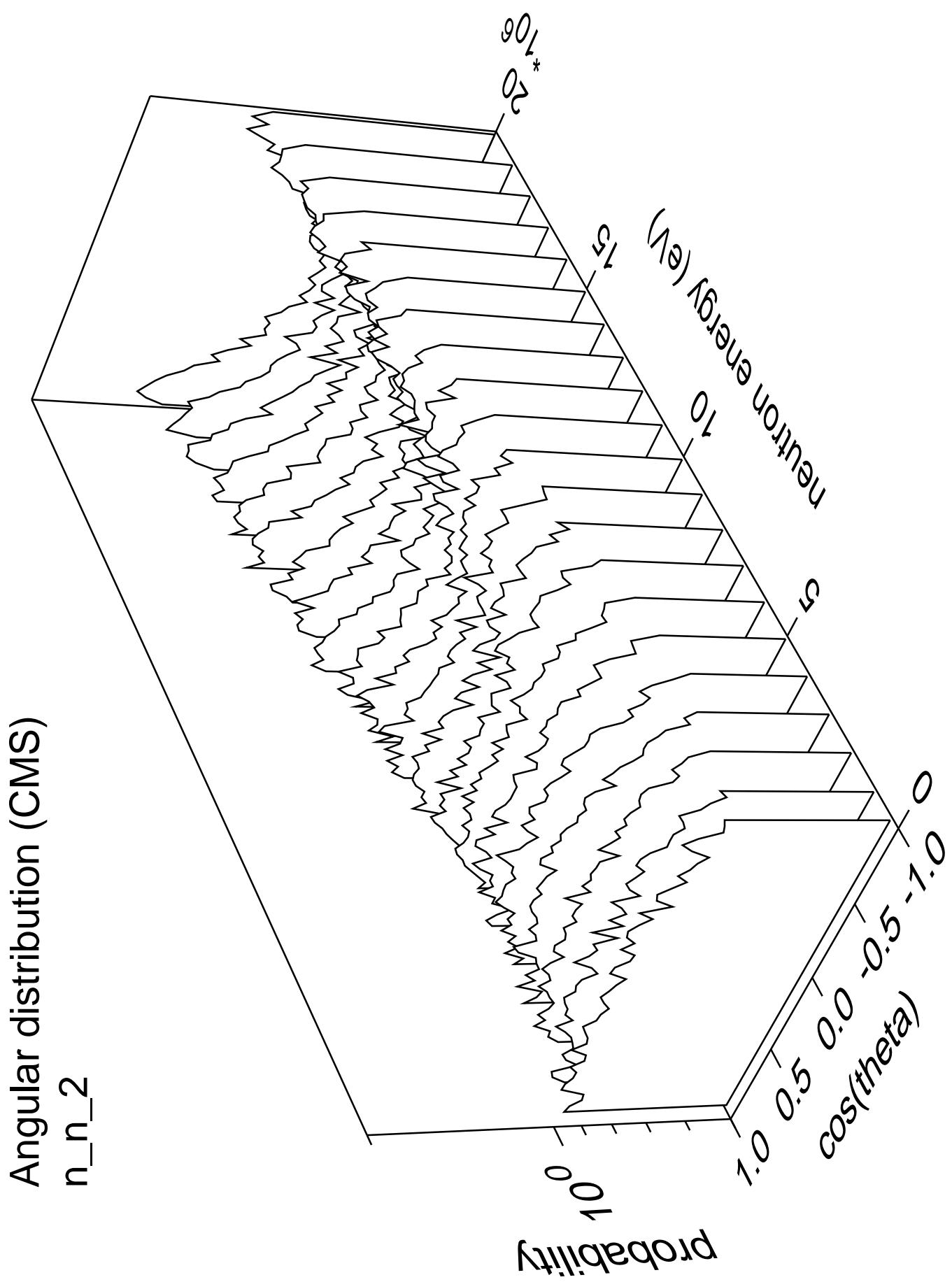


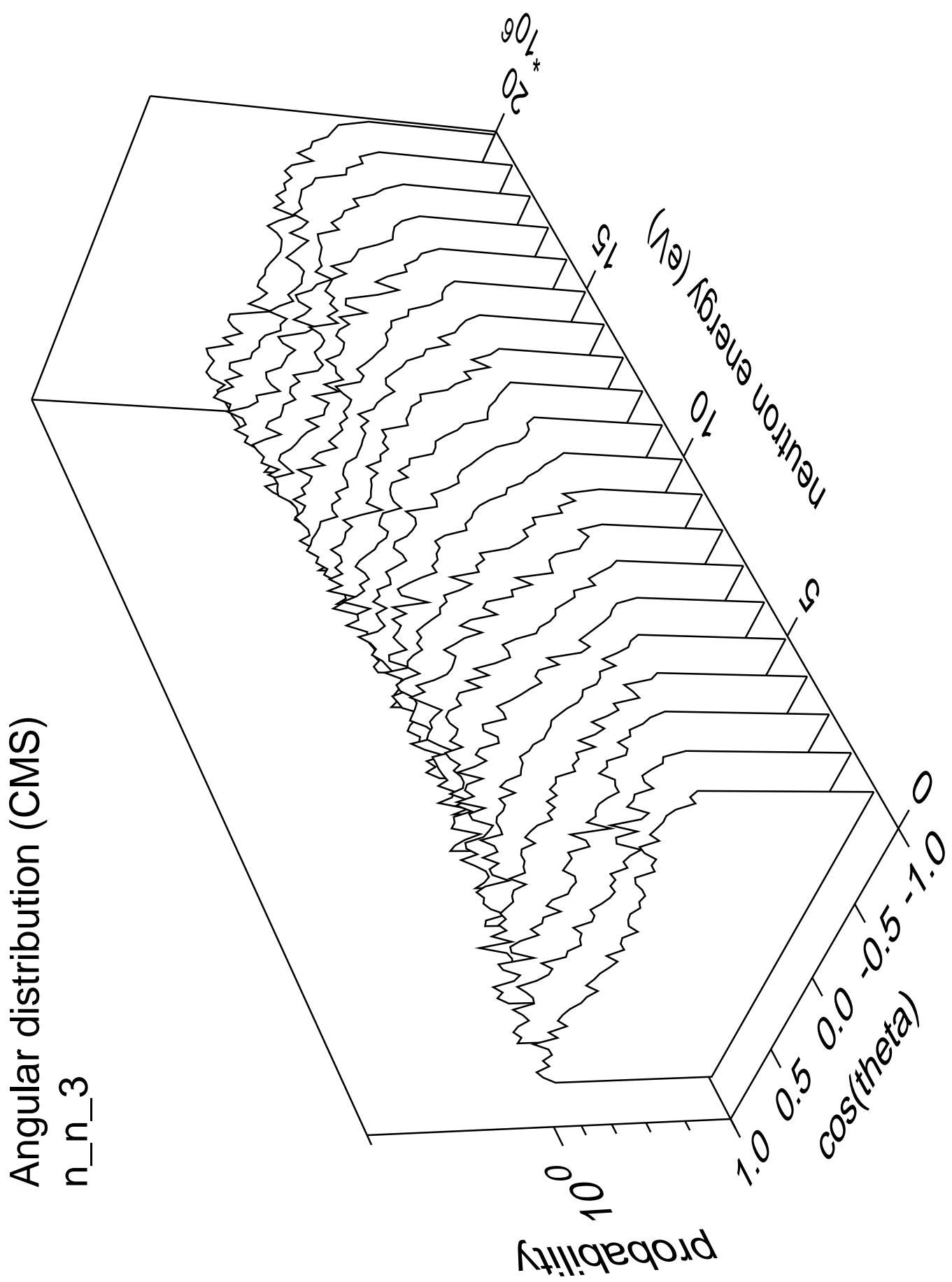
# Cross Section

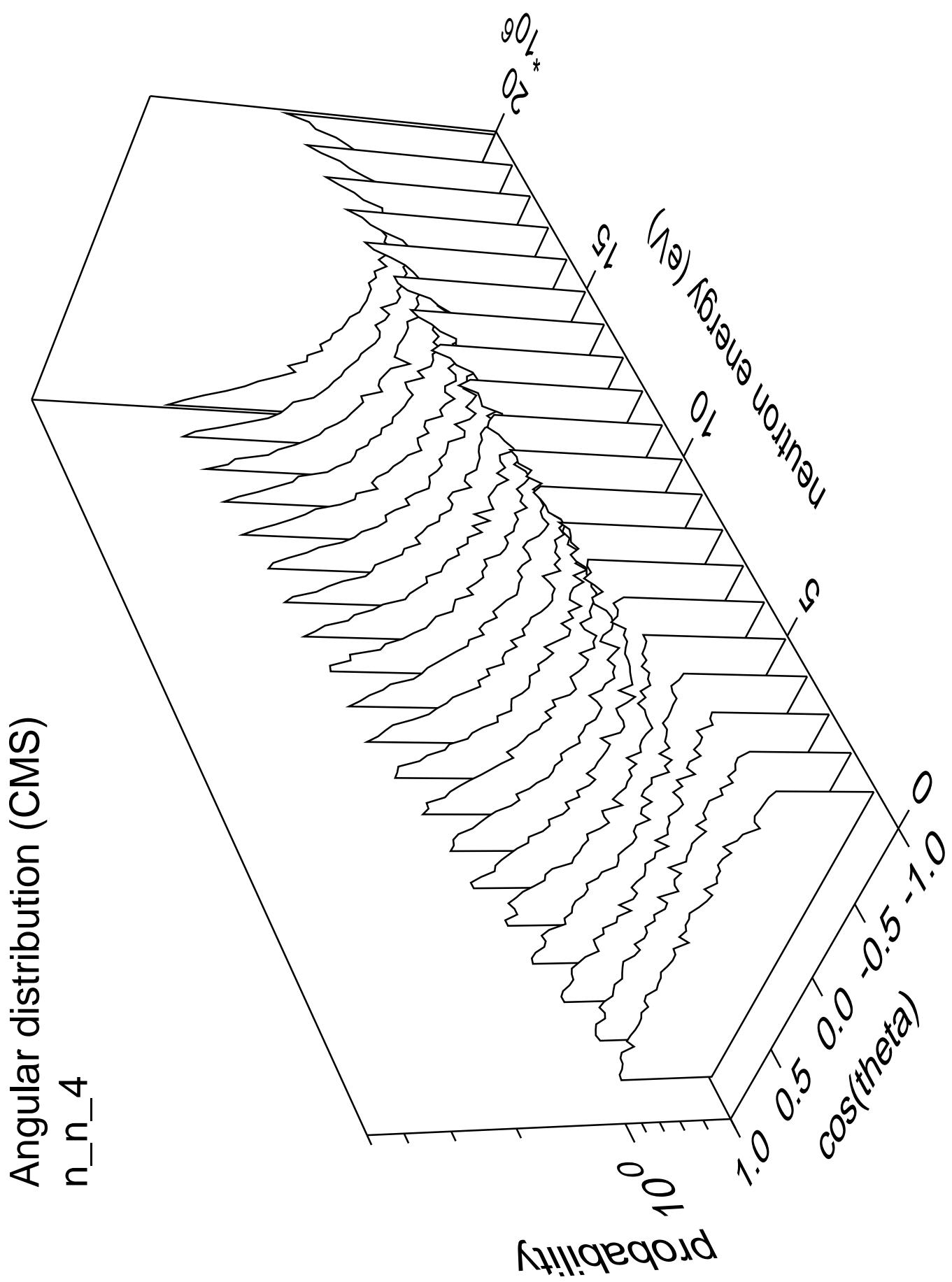


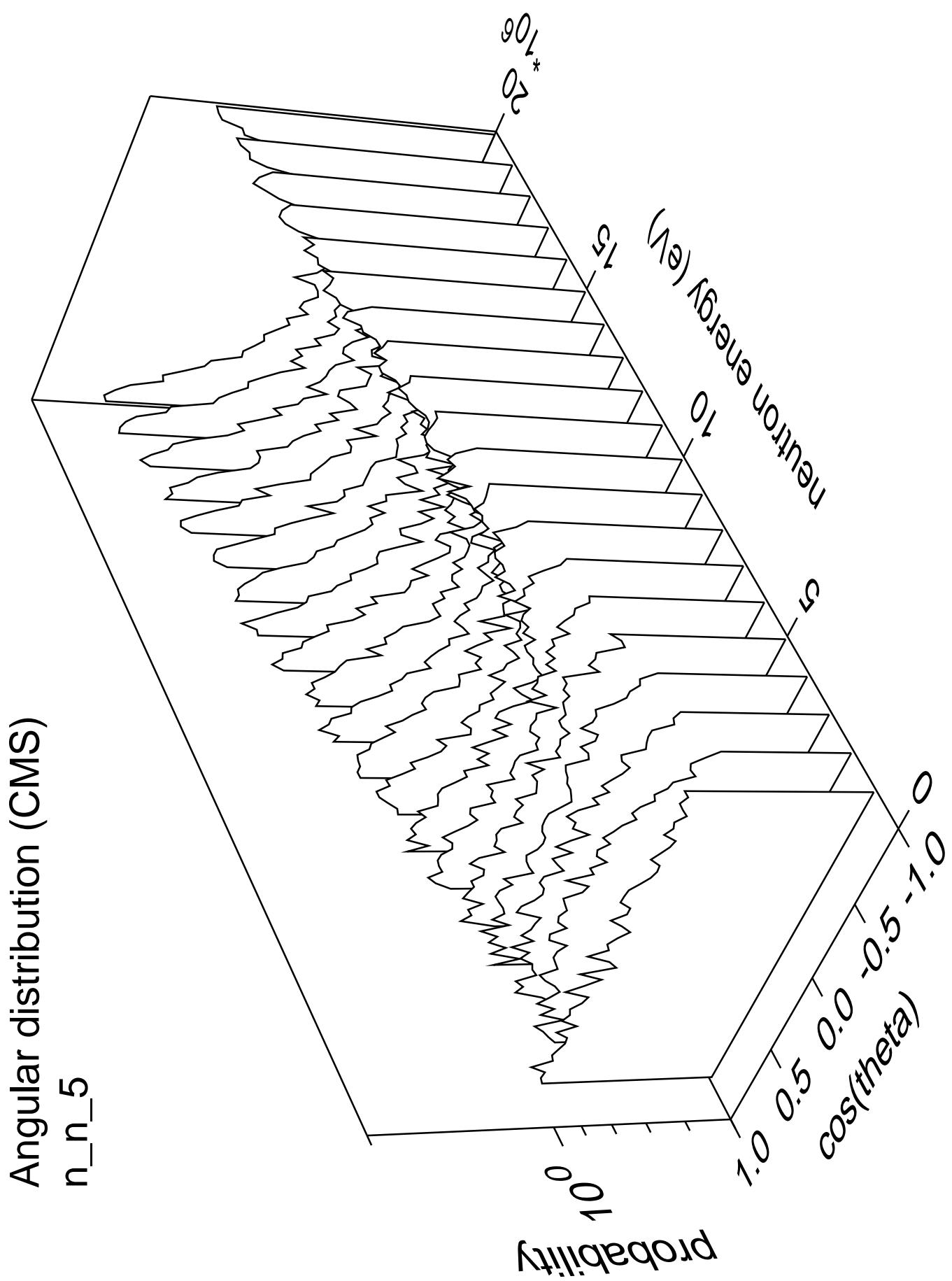


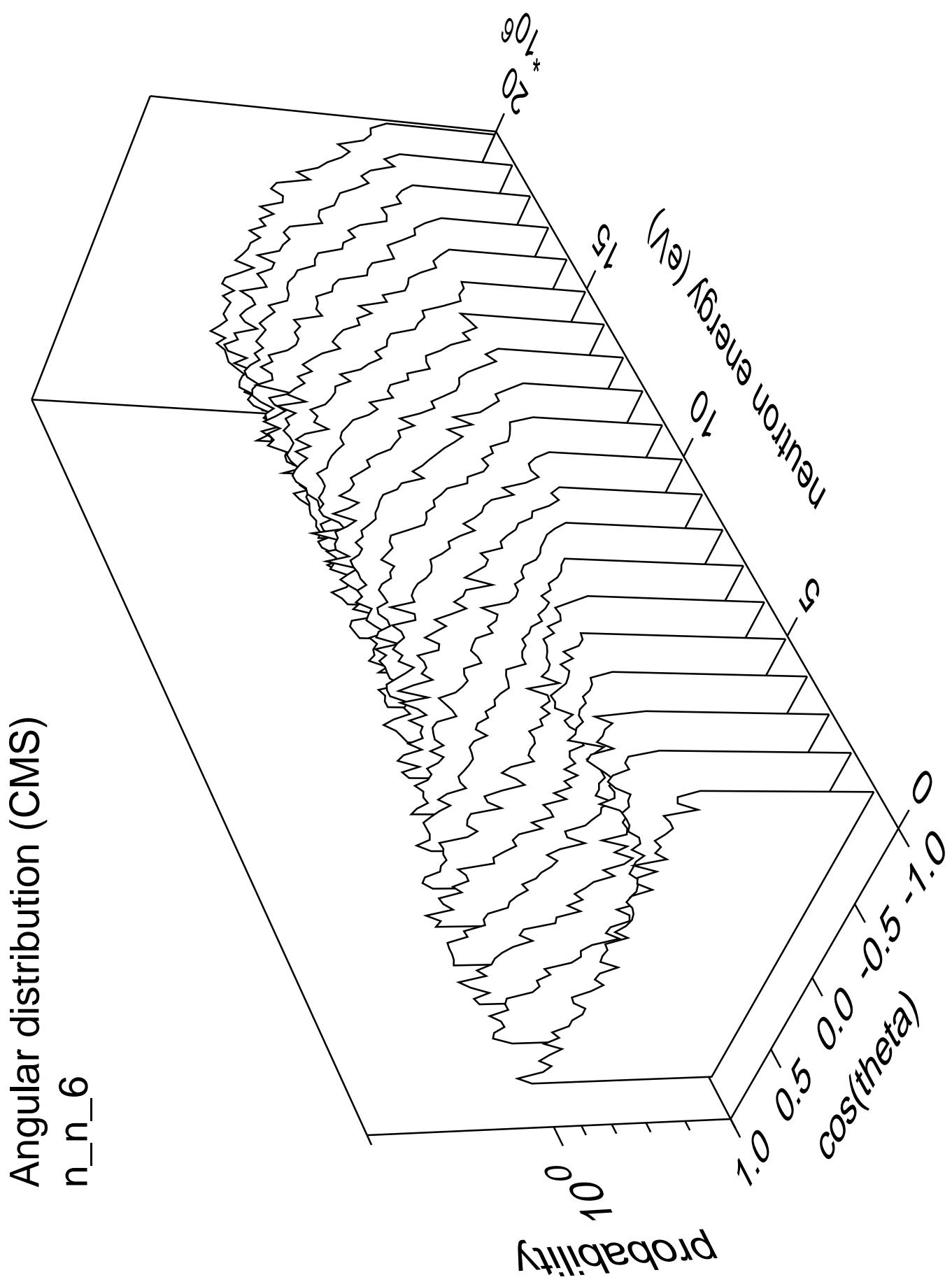


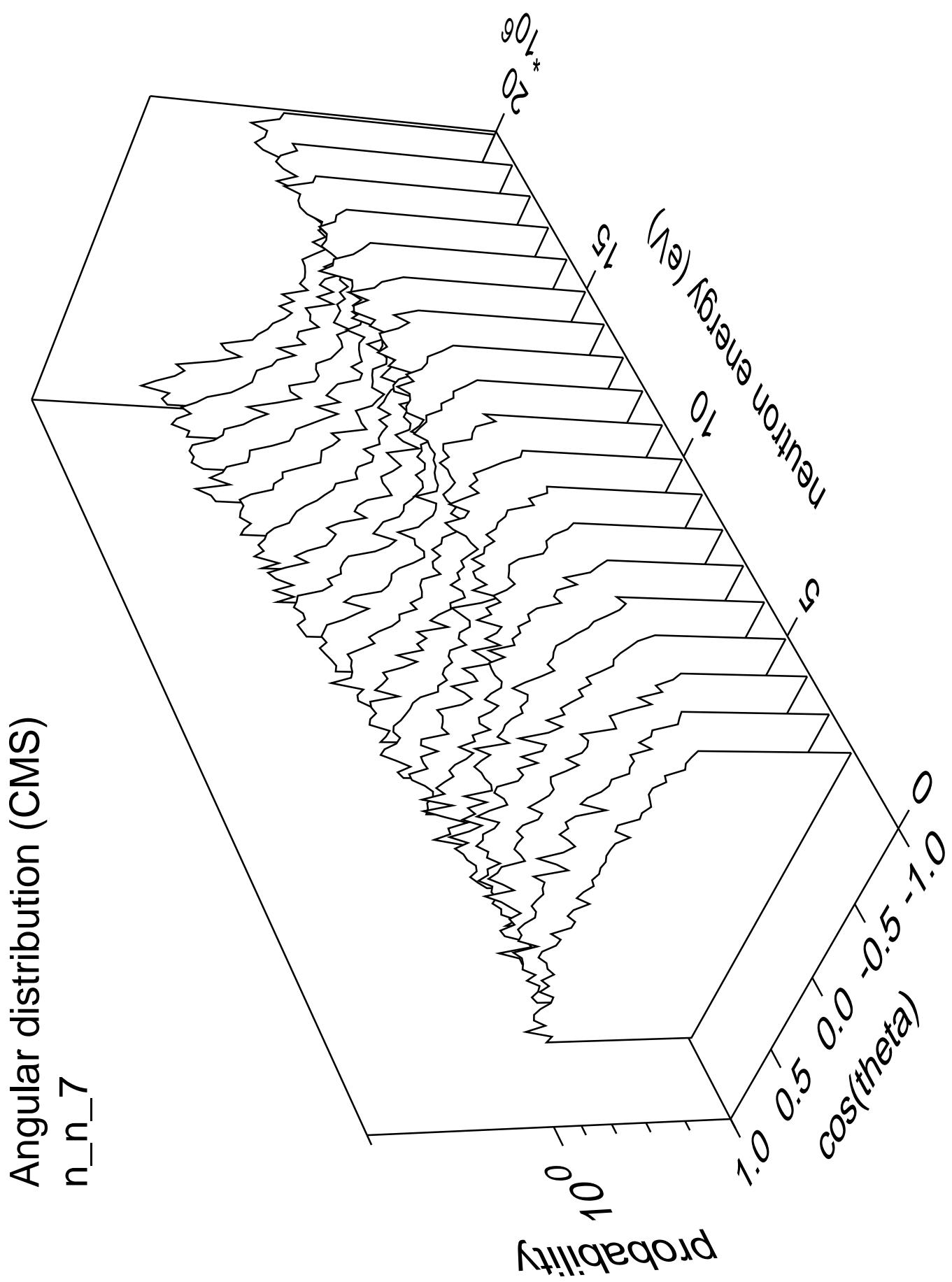


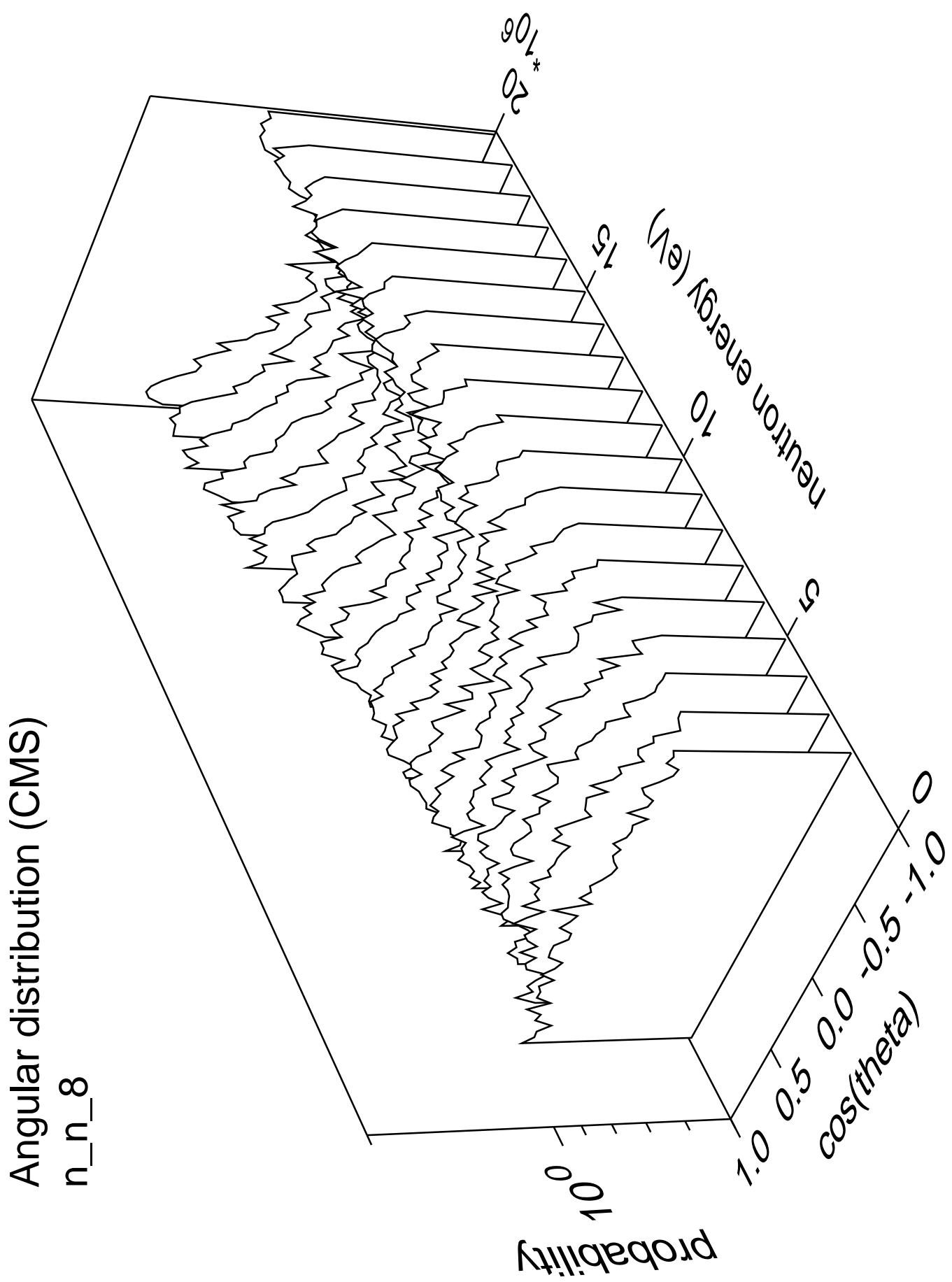


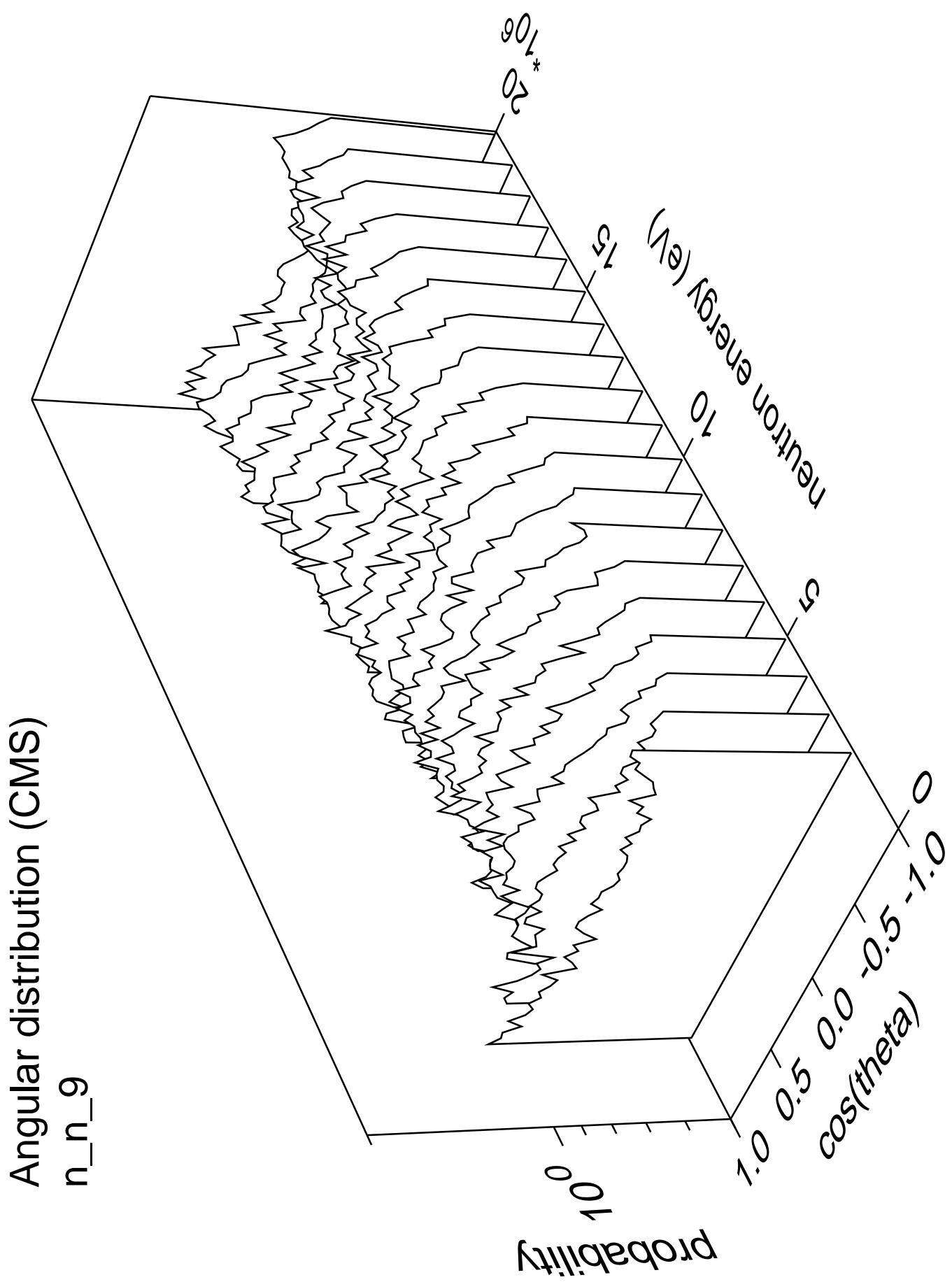


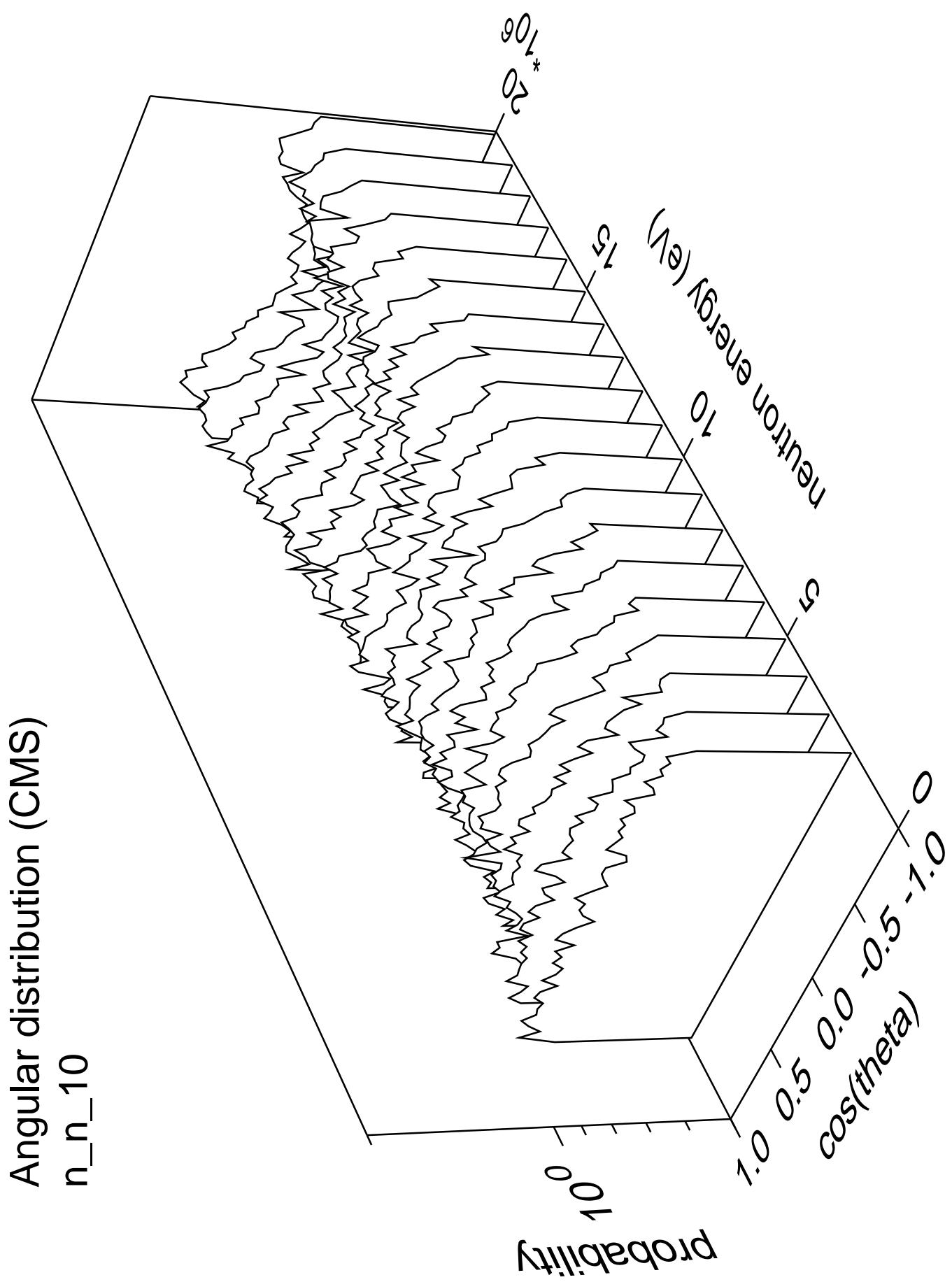


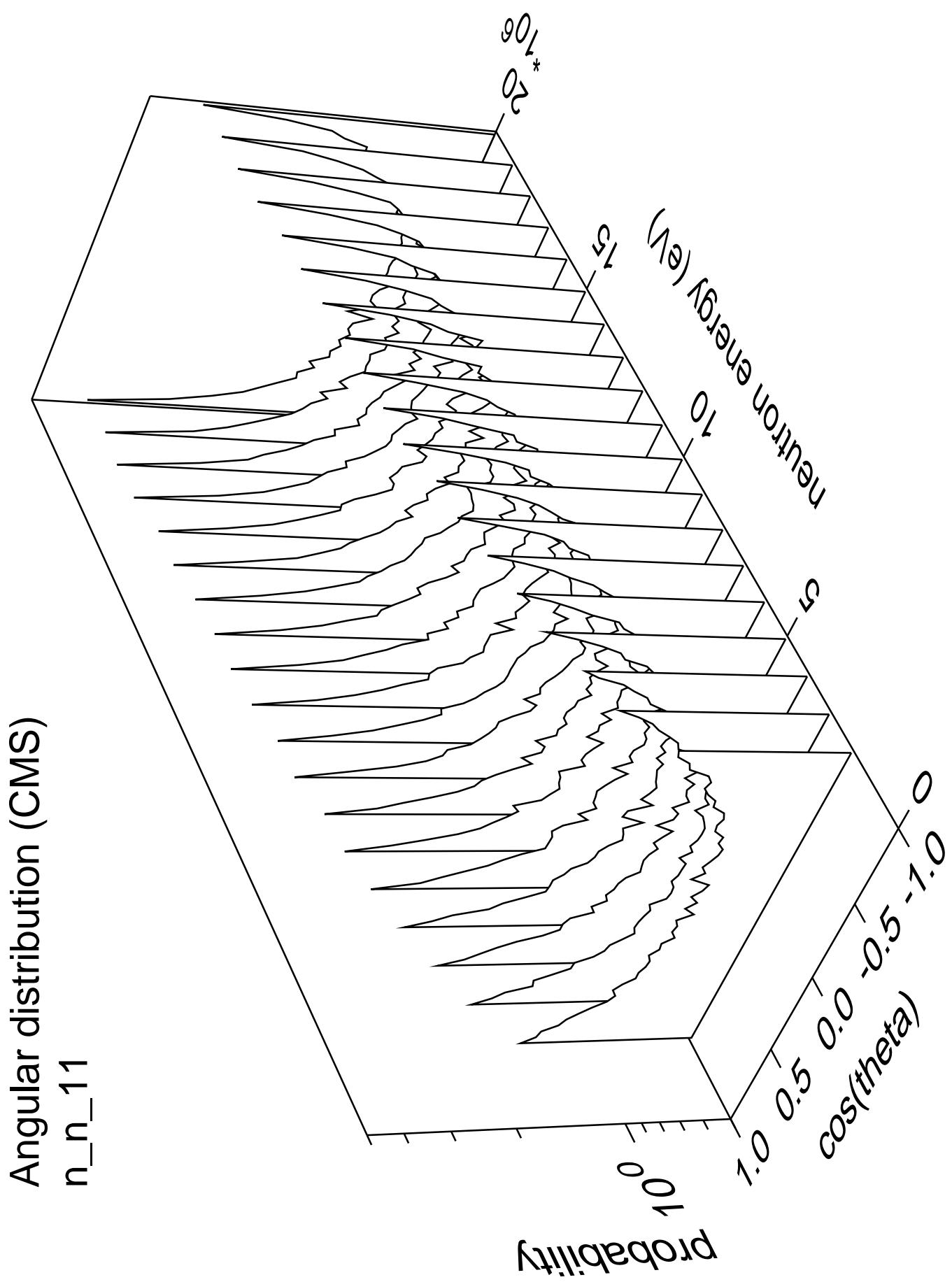


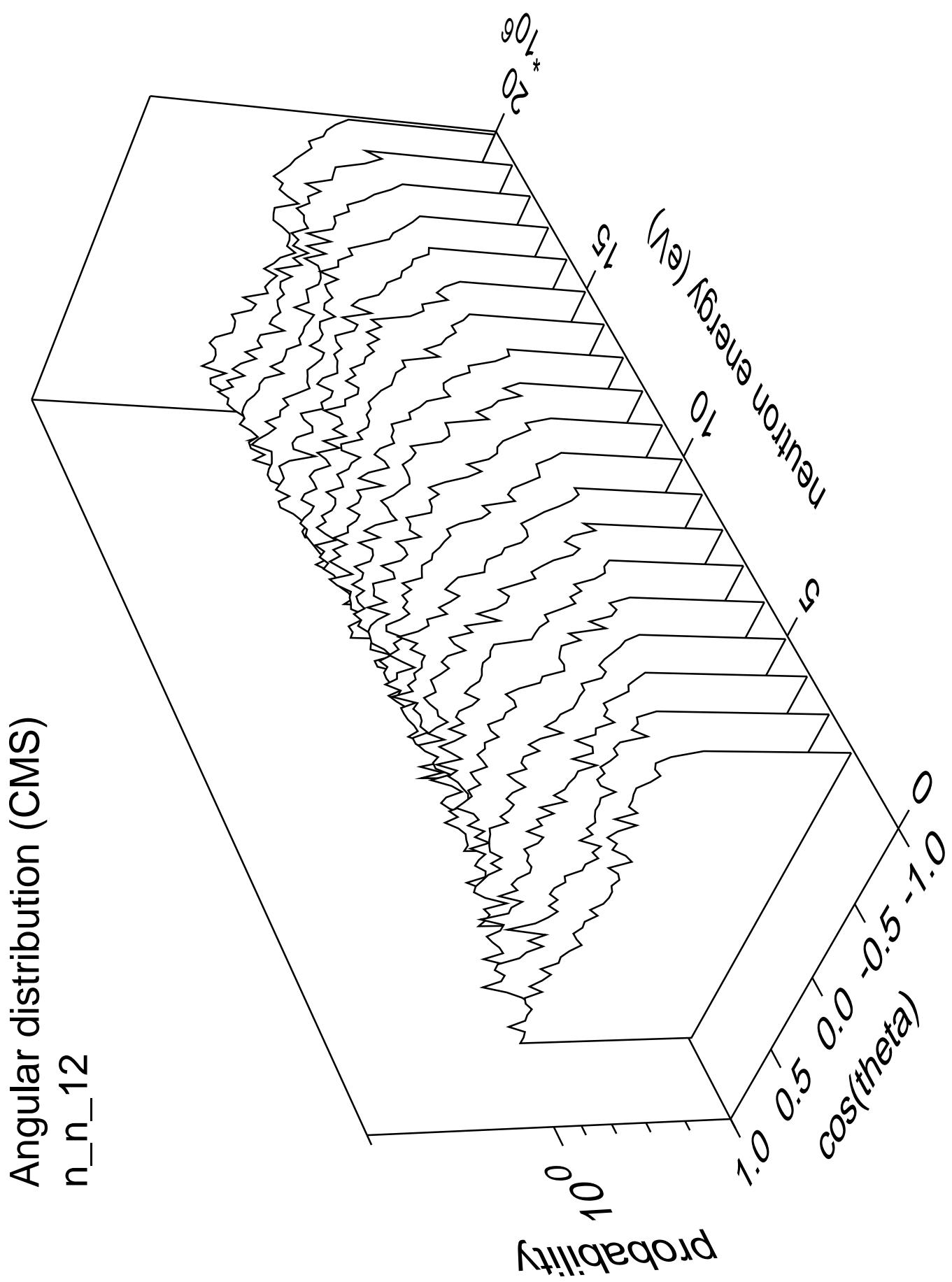


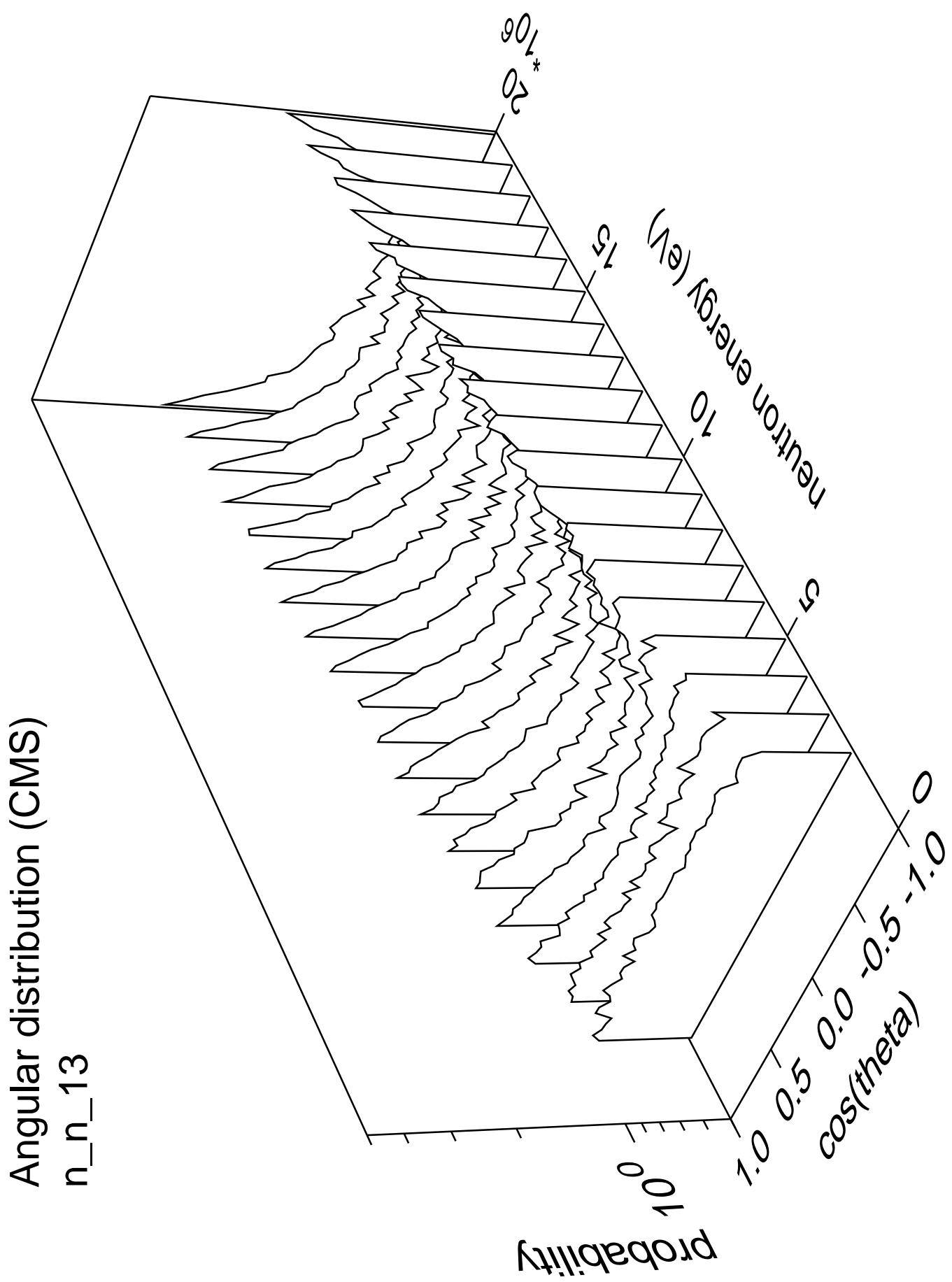


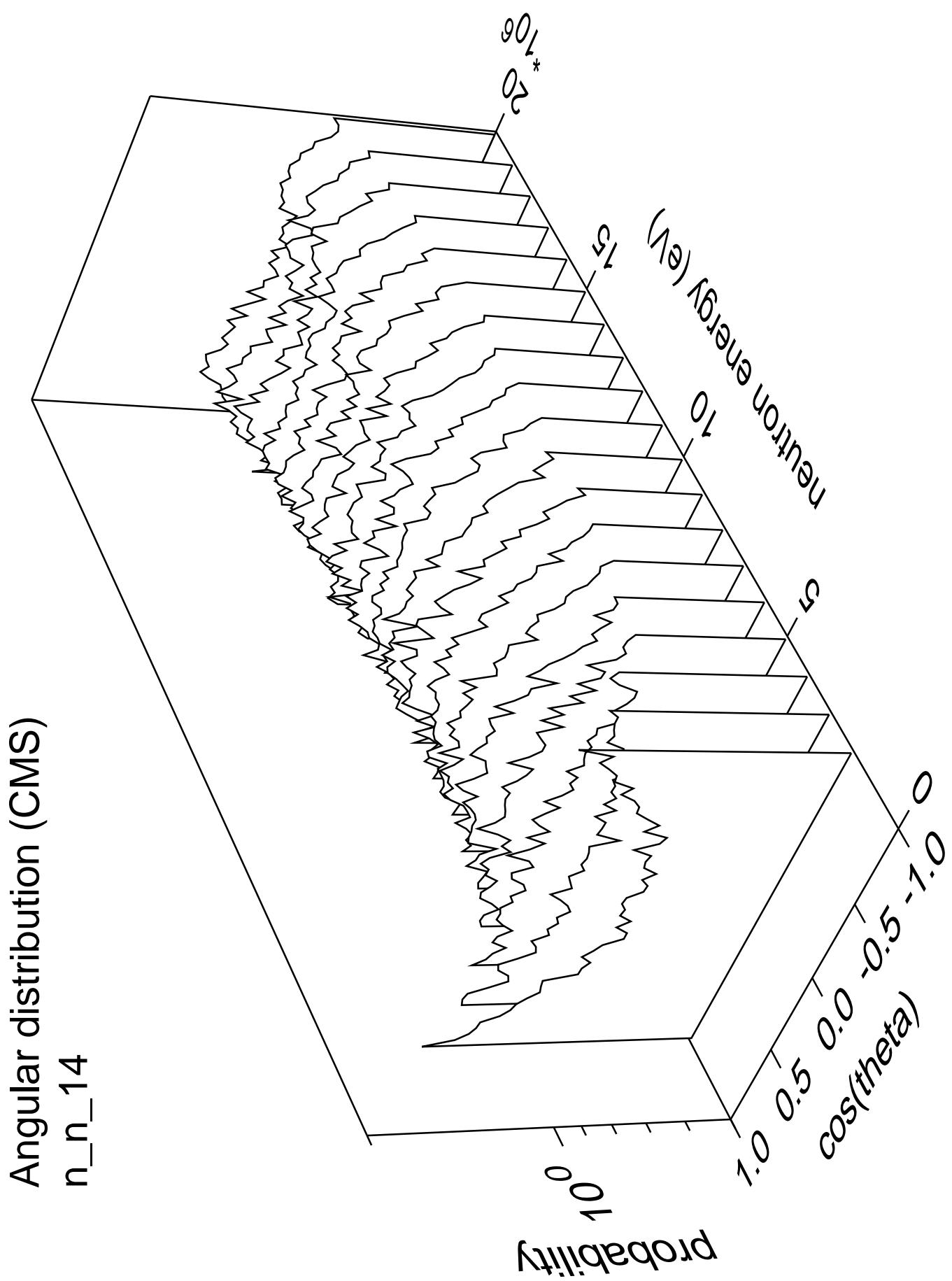


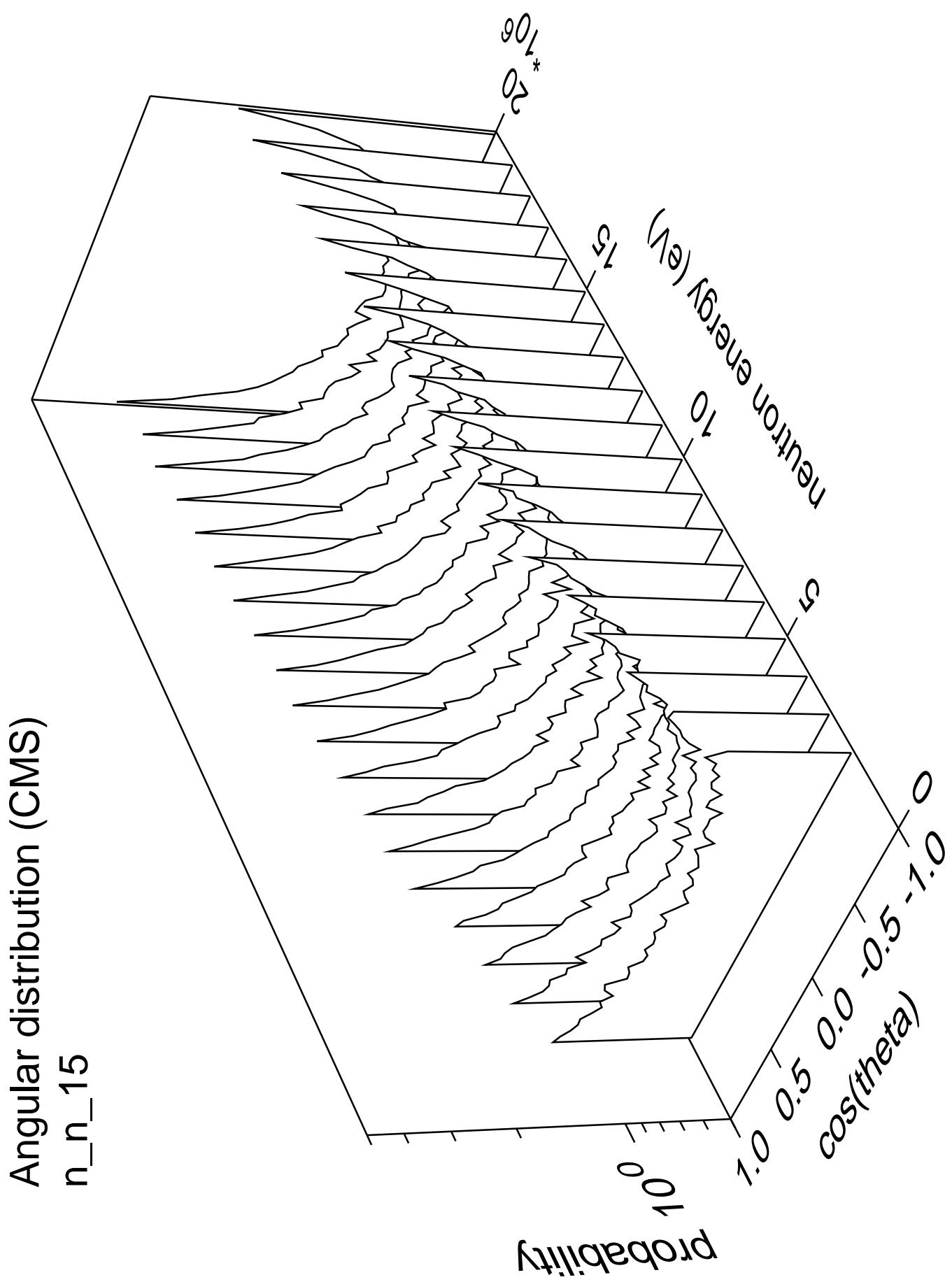




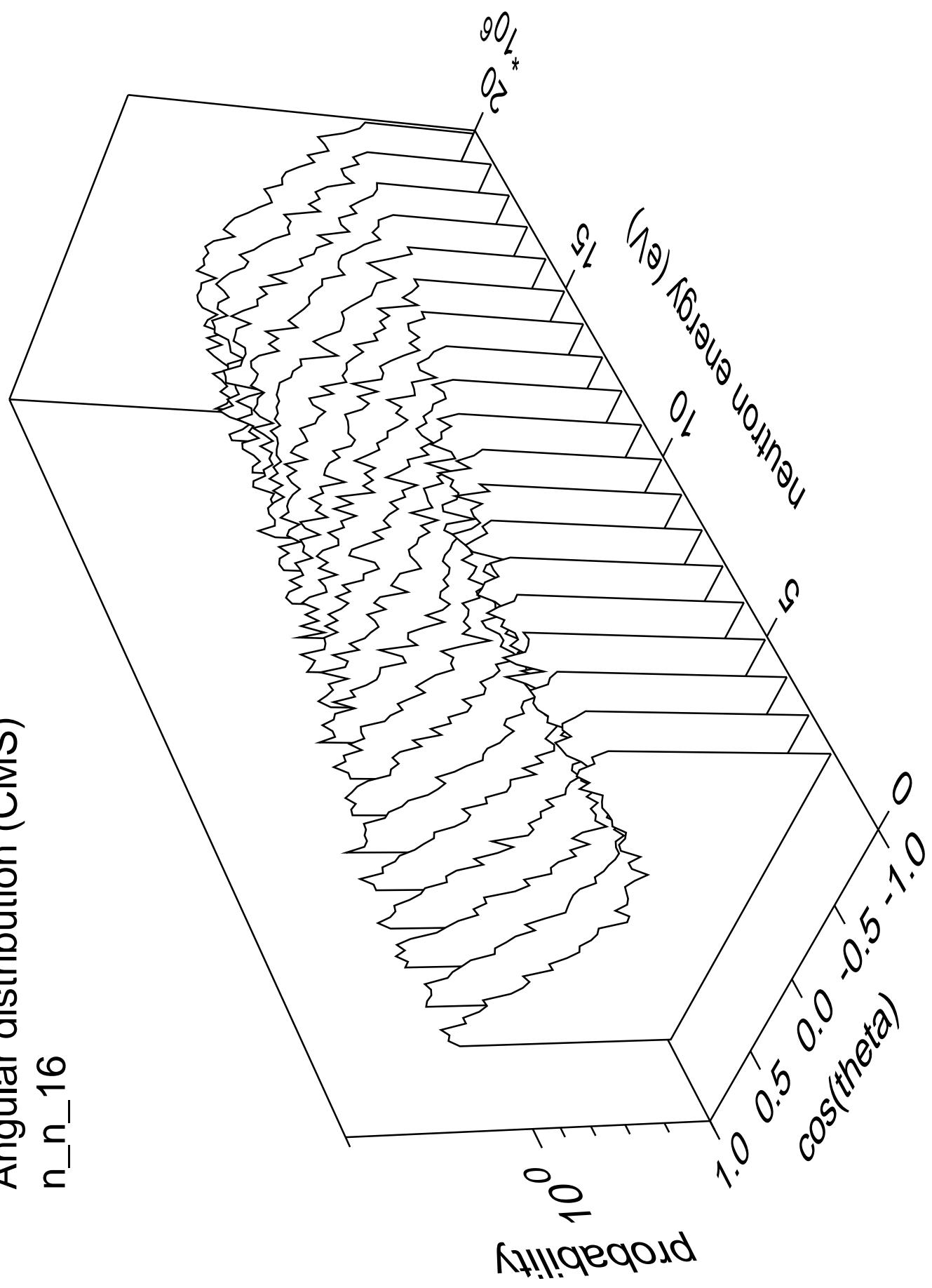


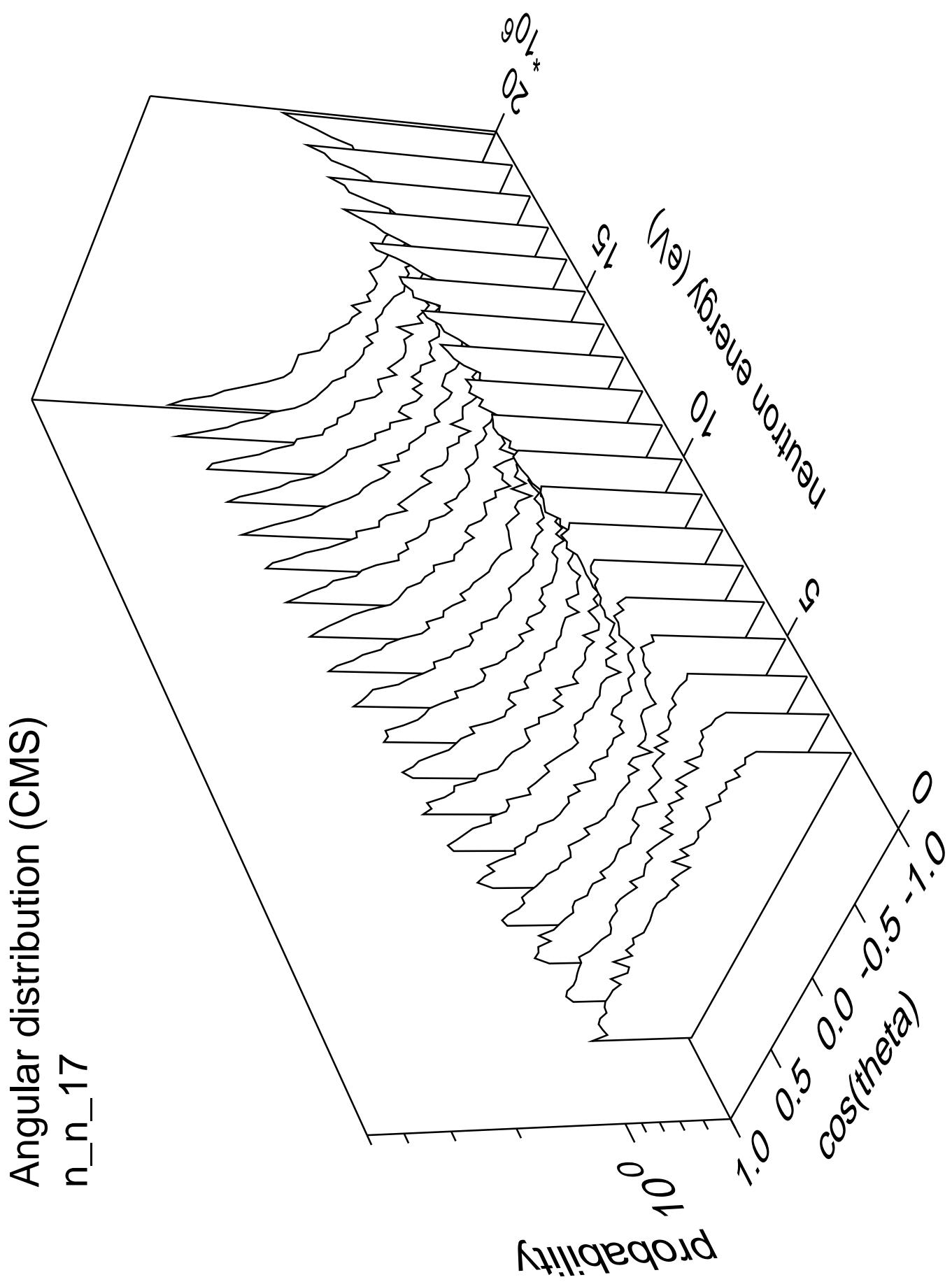


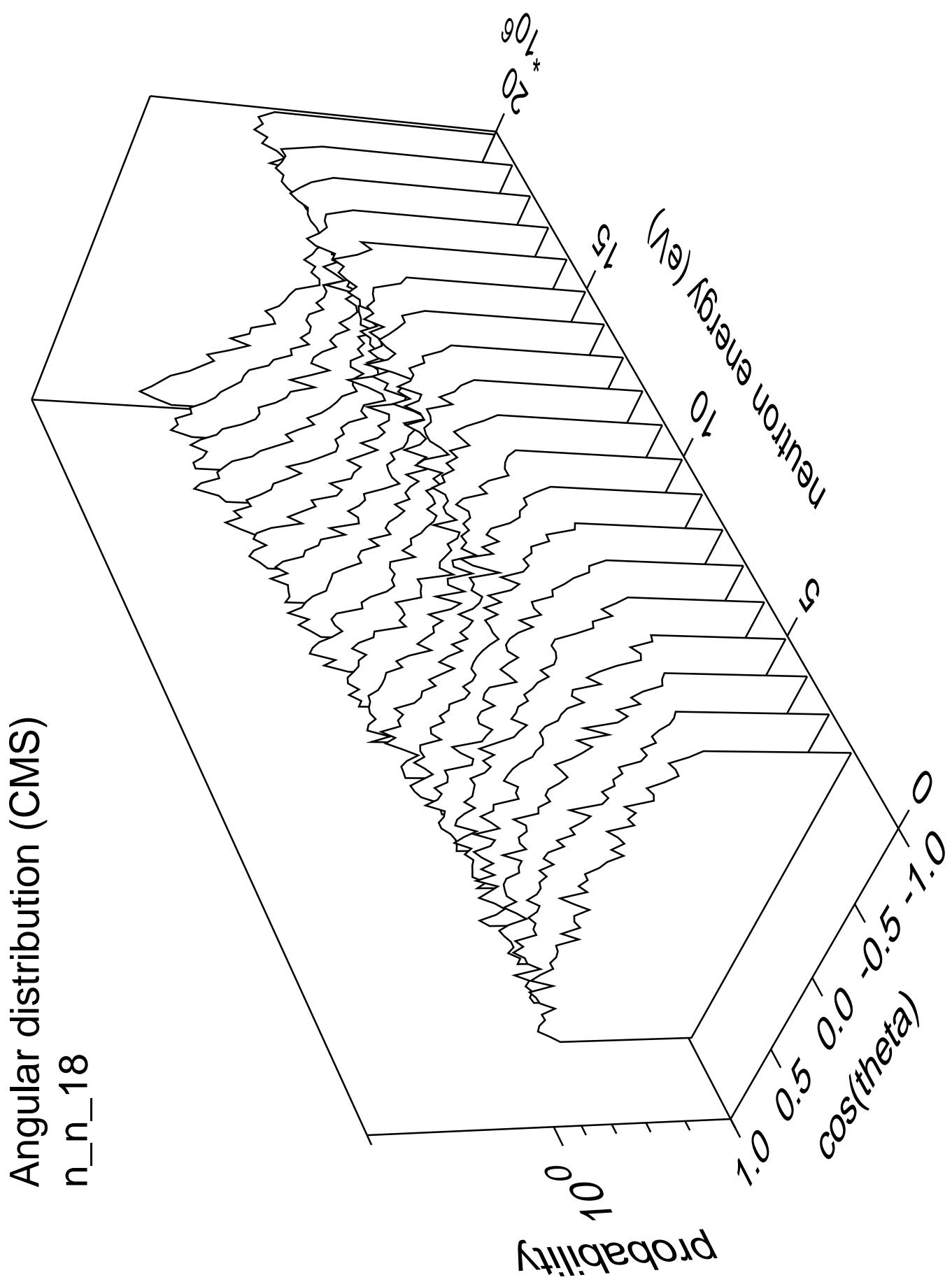


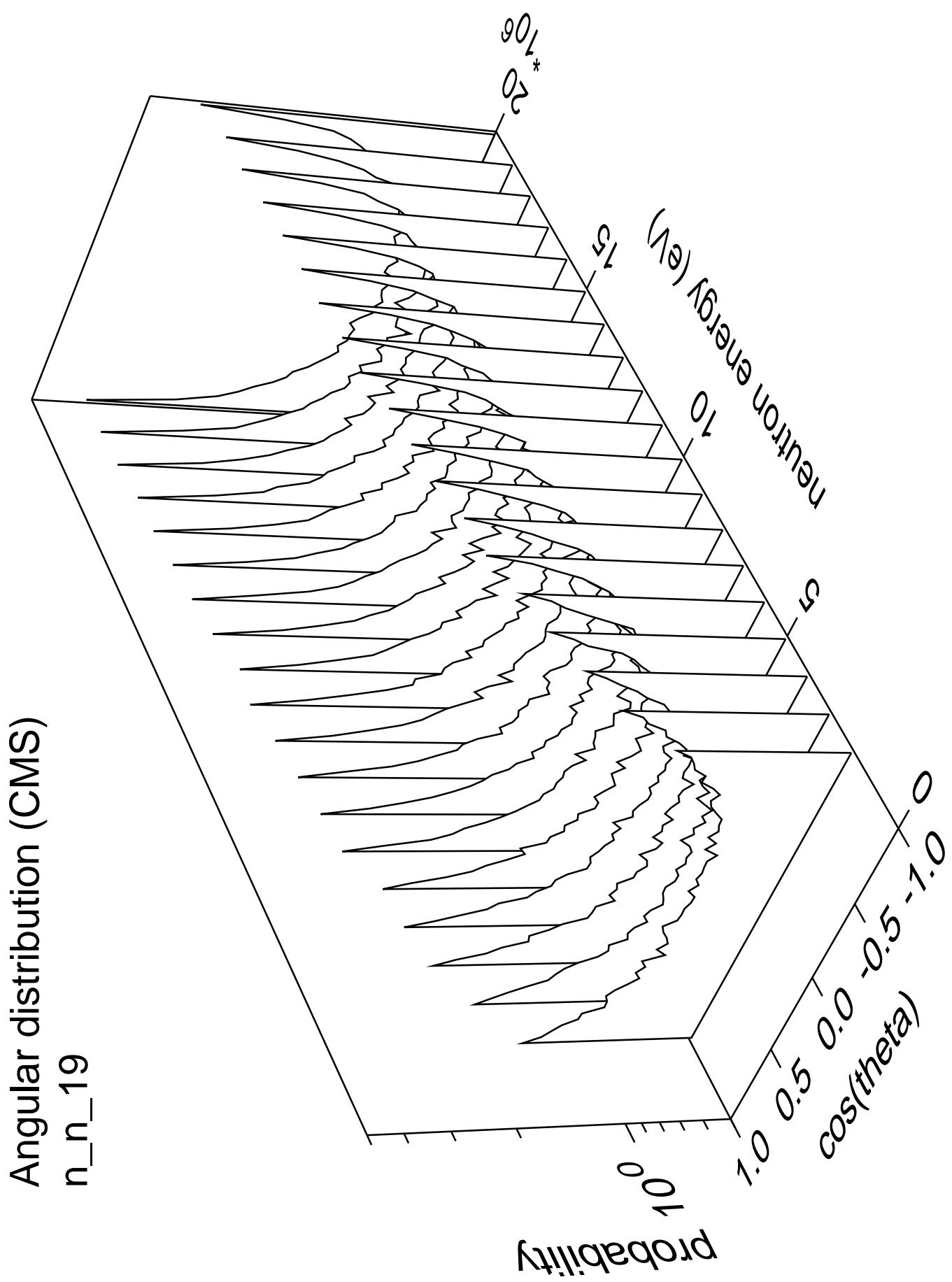


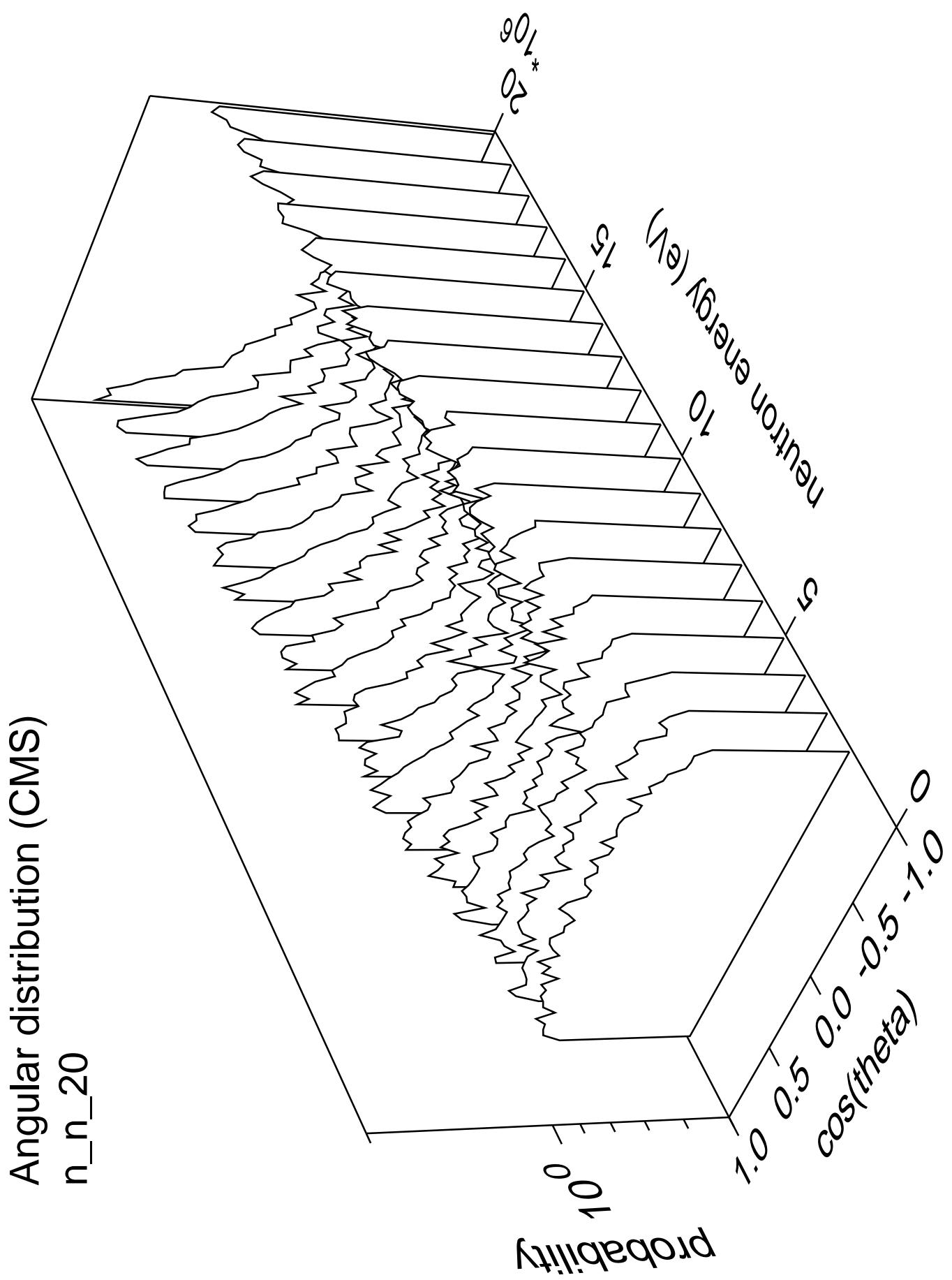
Angular distribution (CMS)  
n\_n\_16

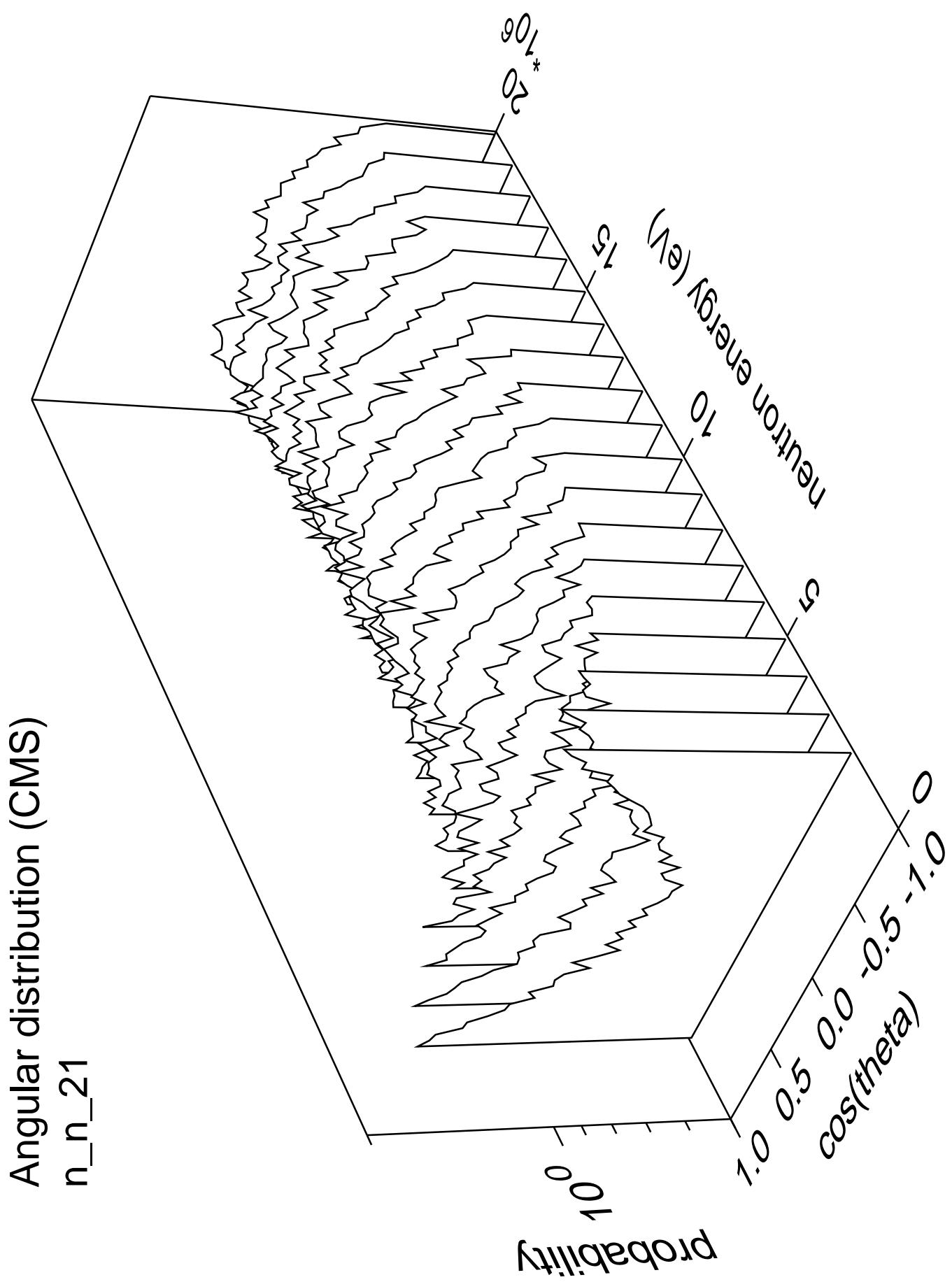


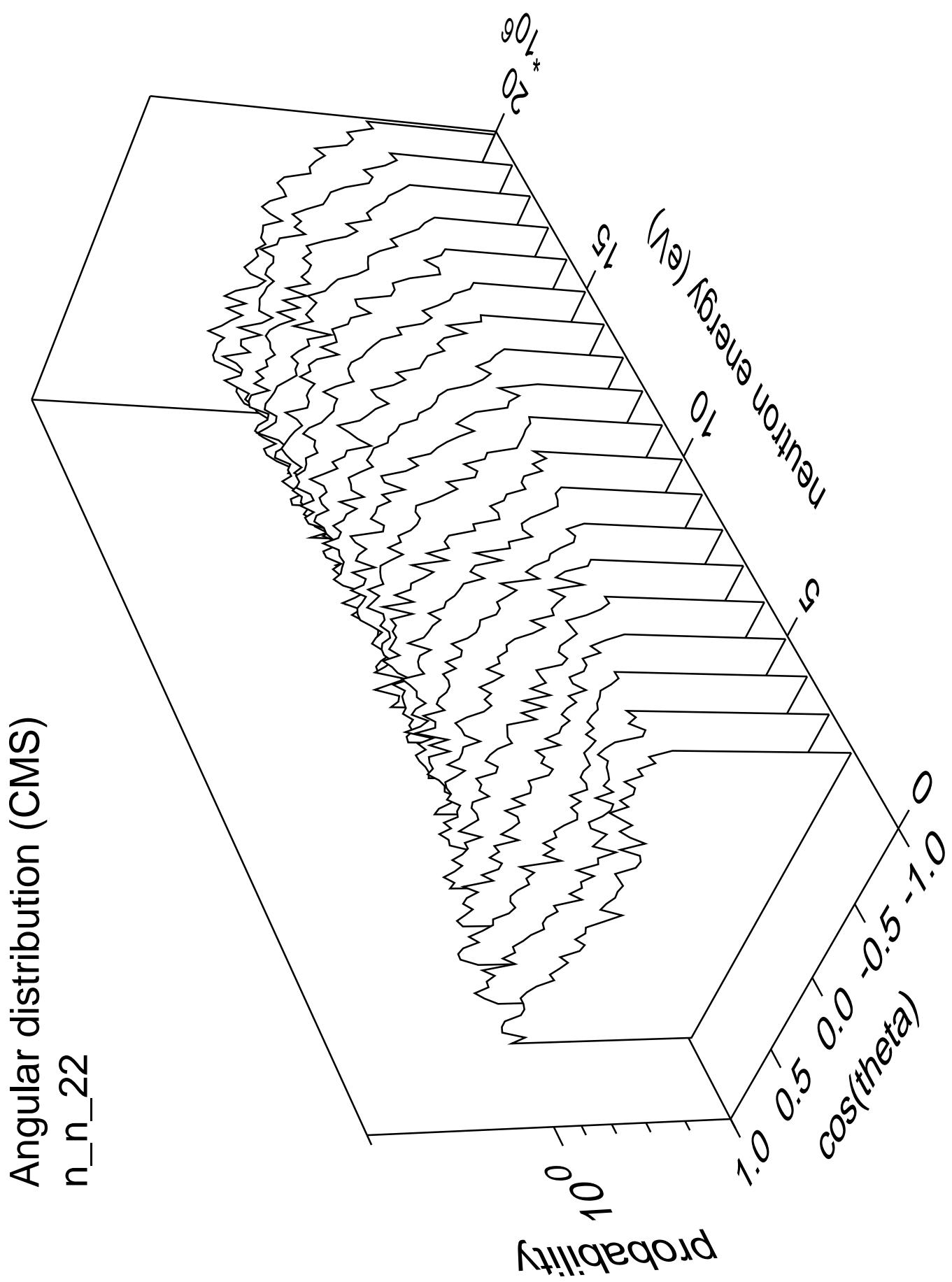


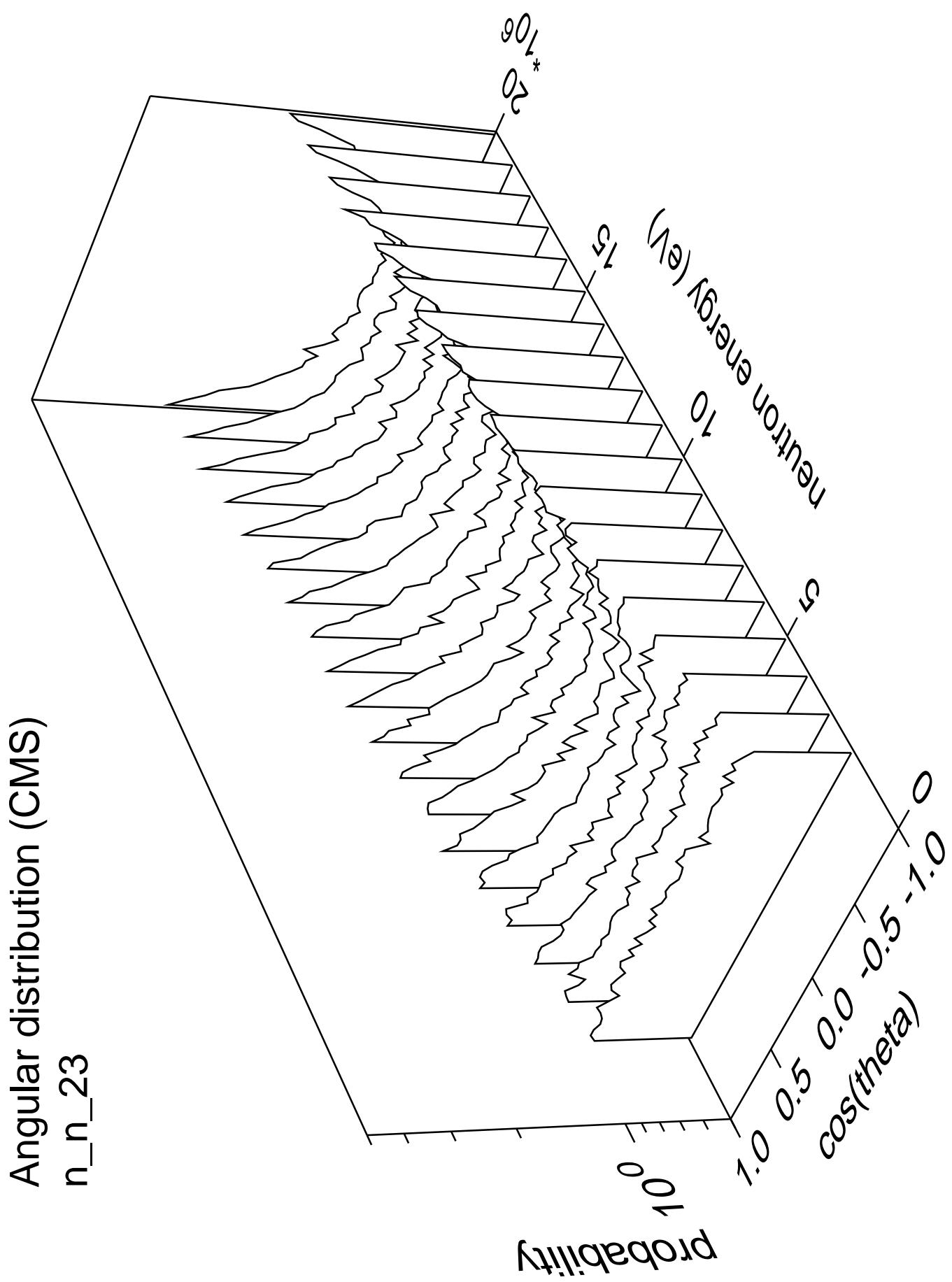


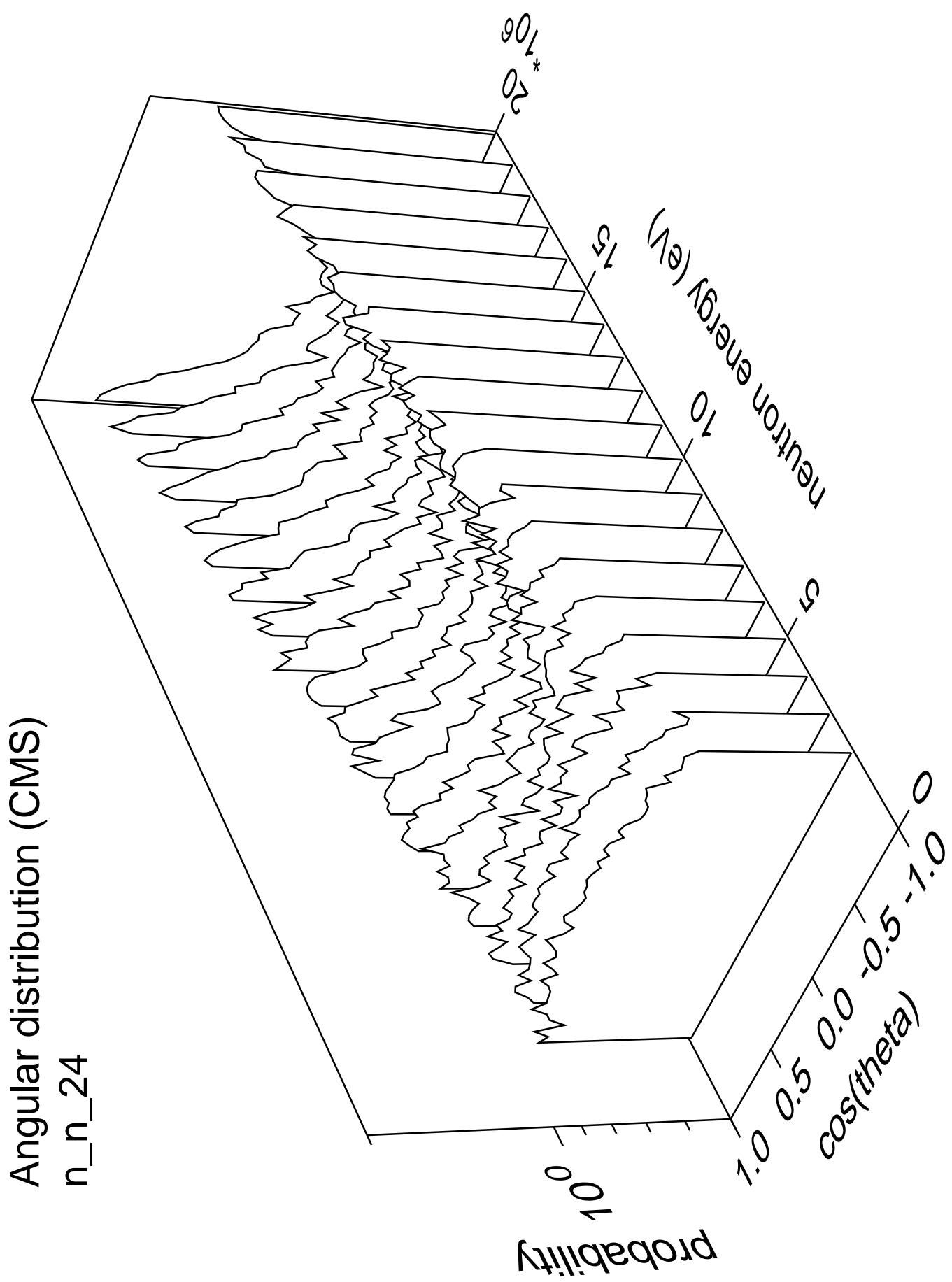


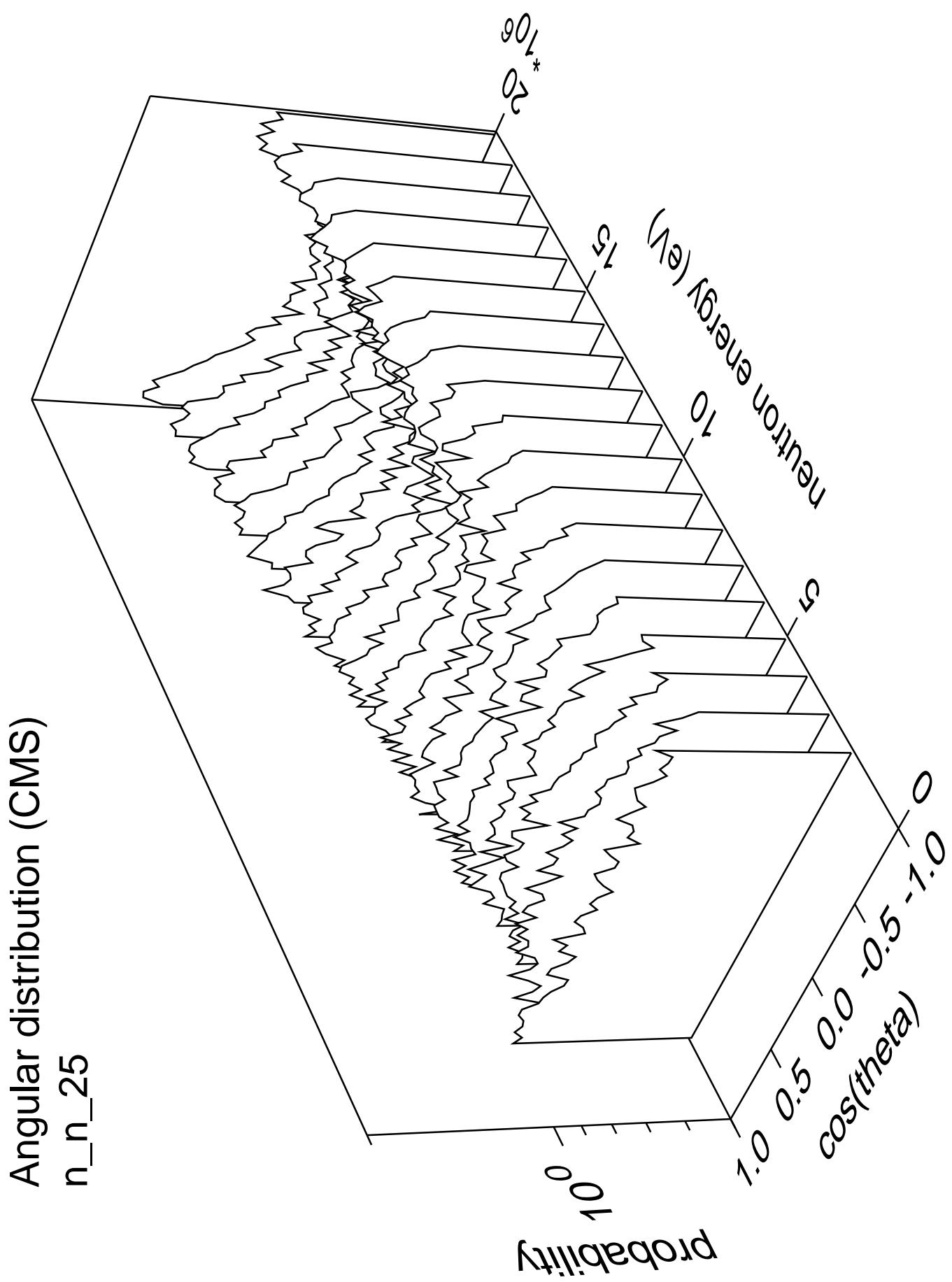


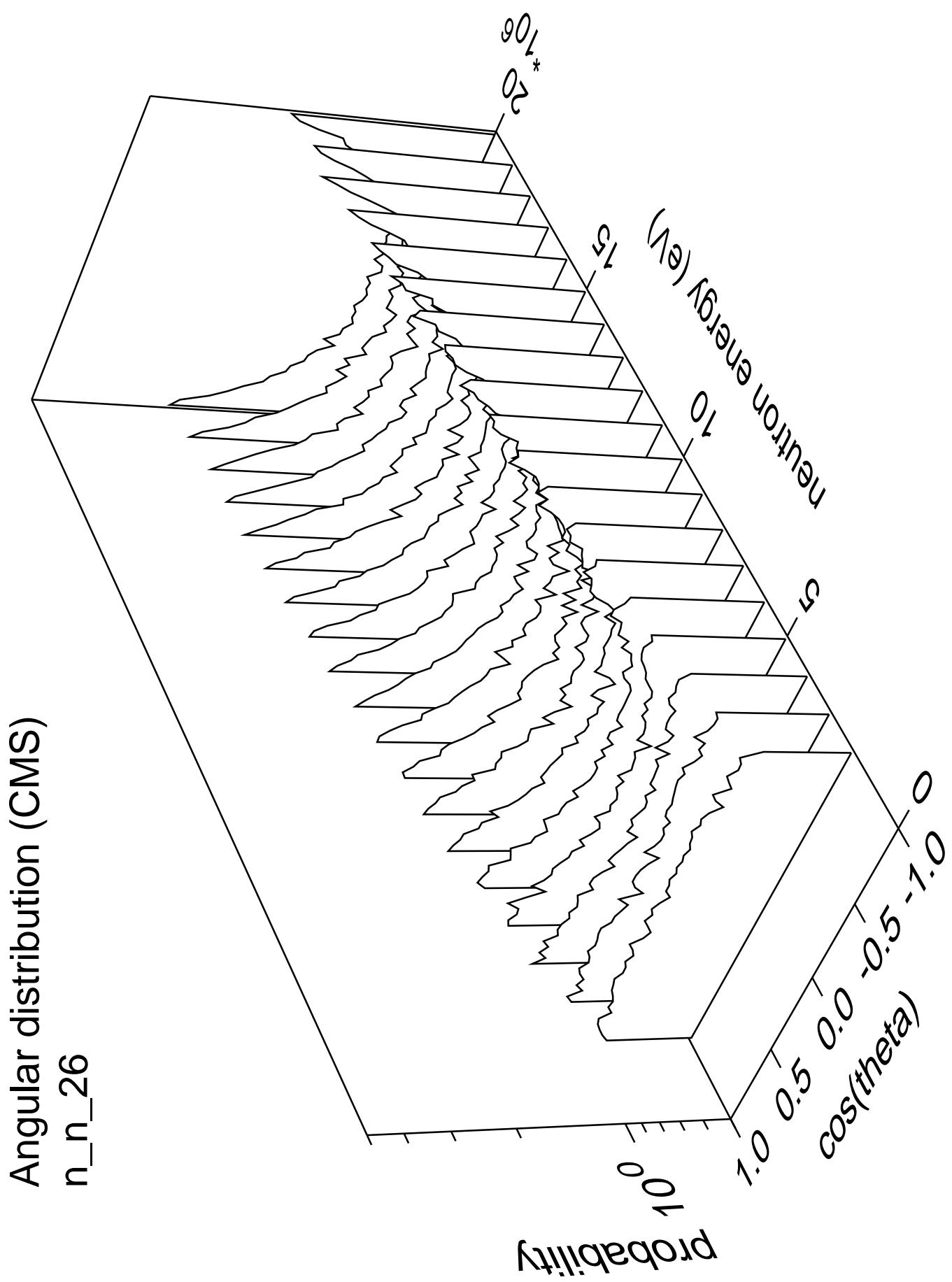


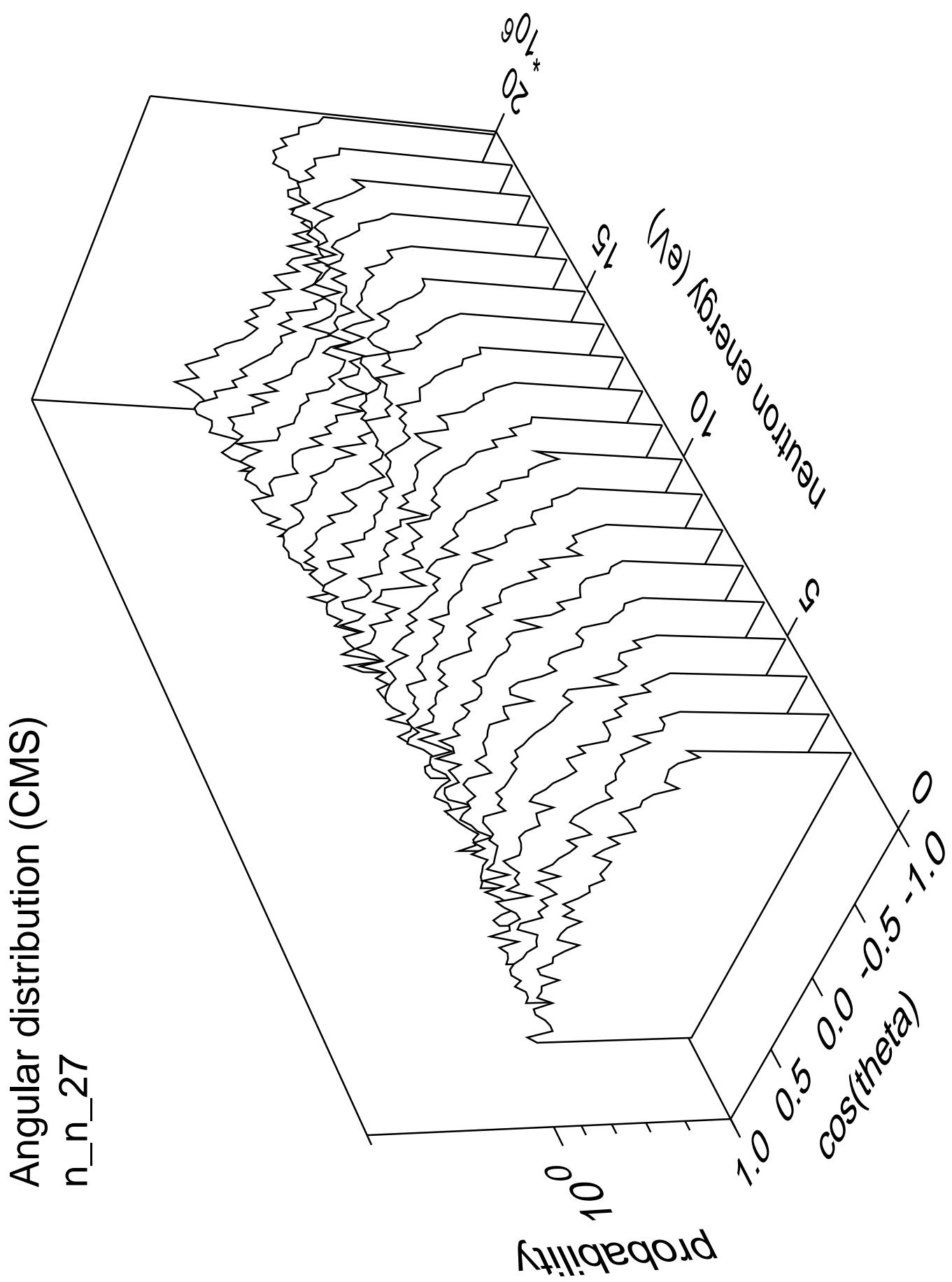


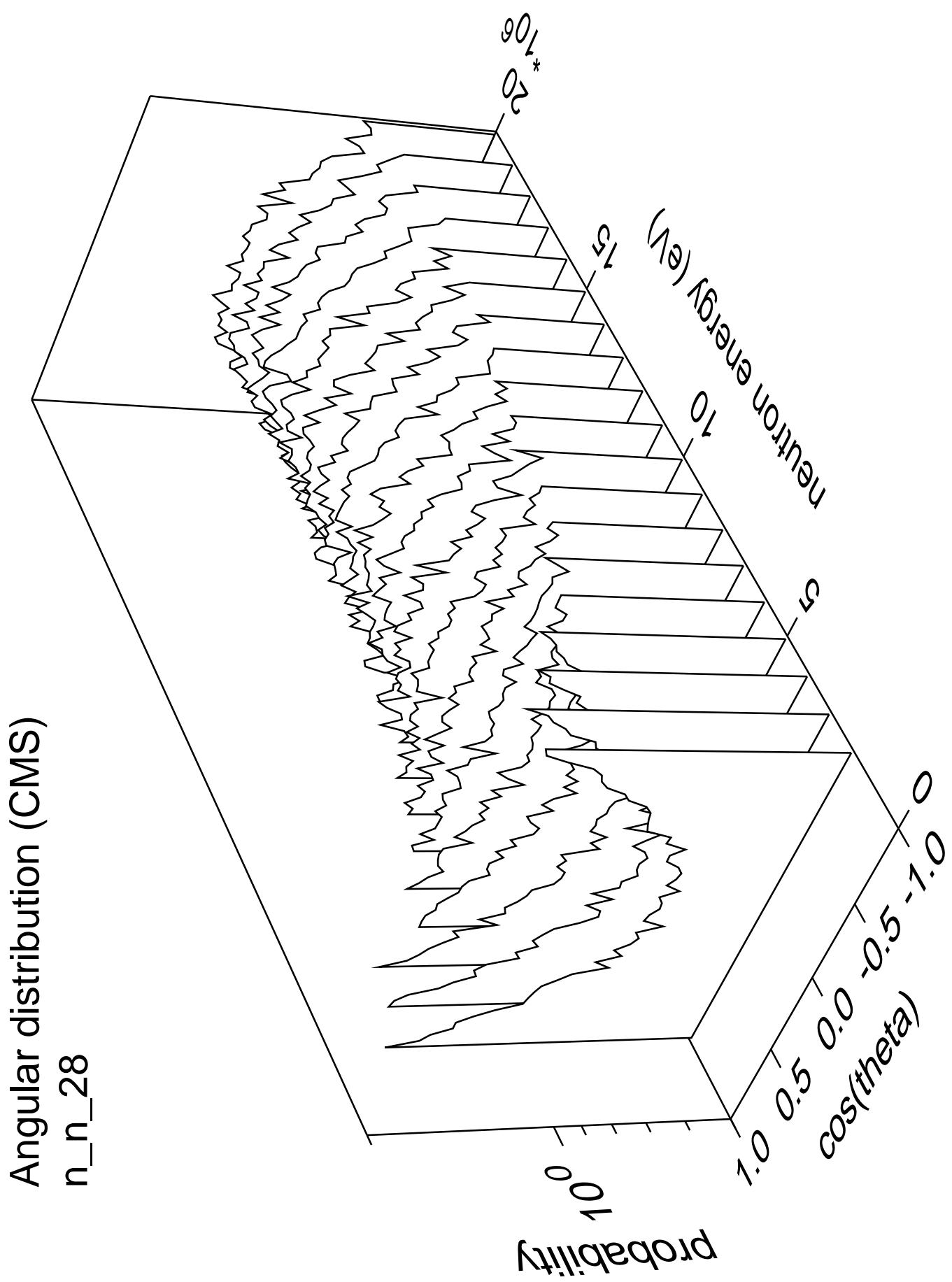


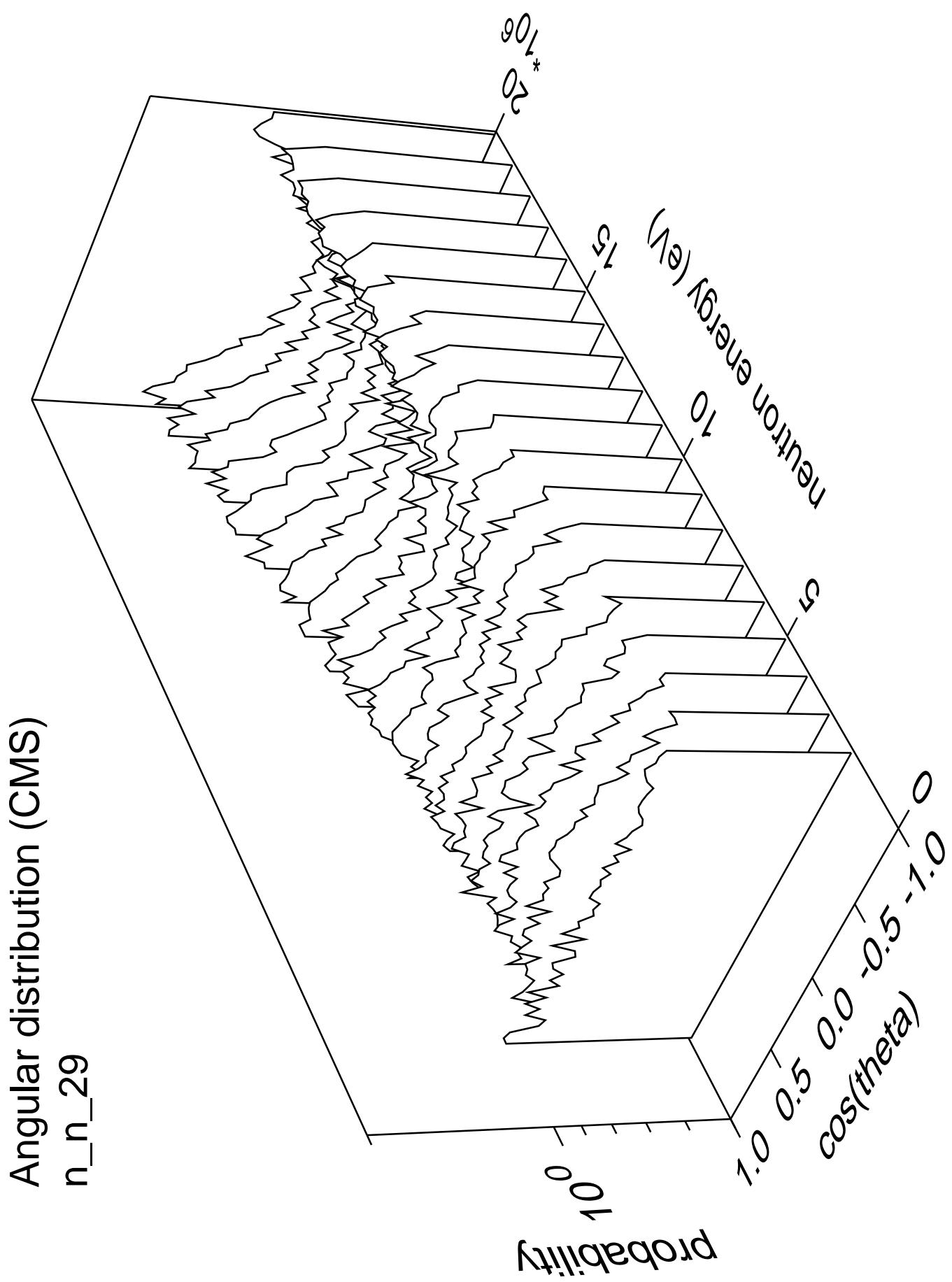


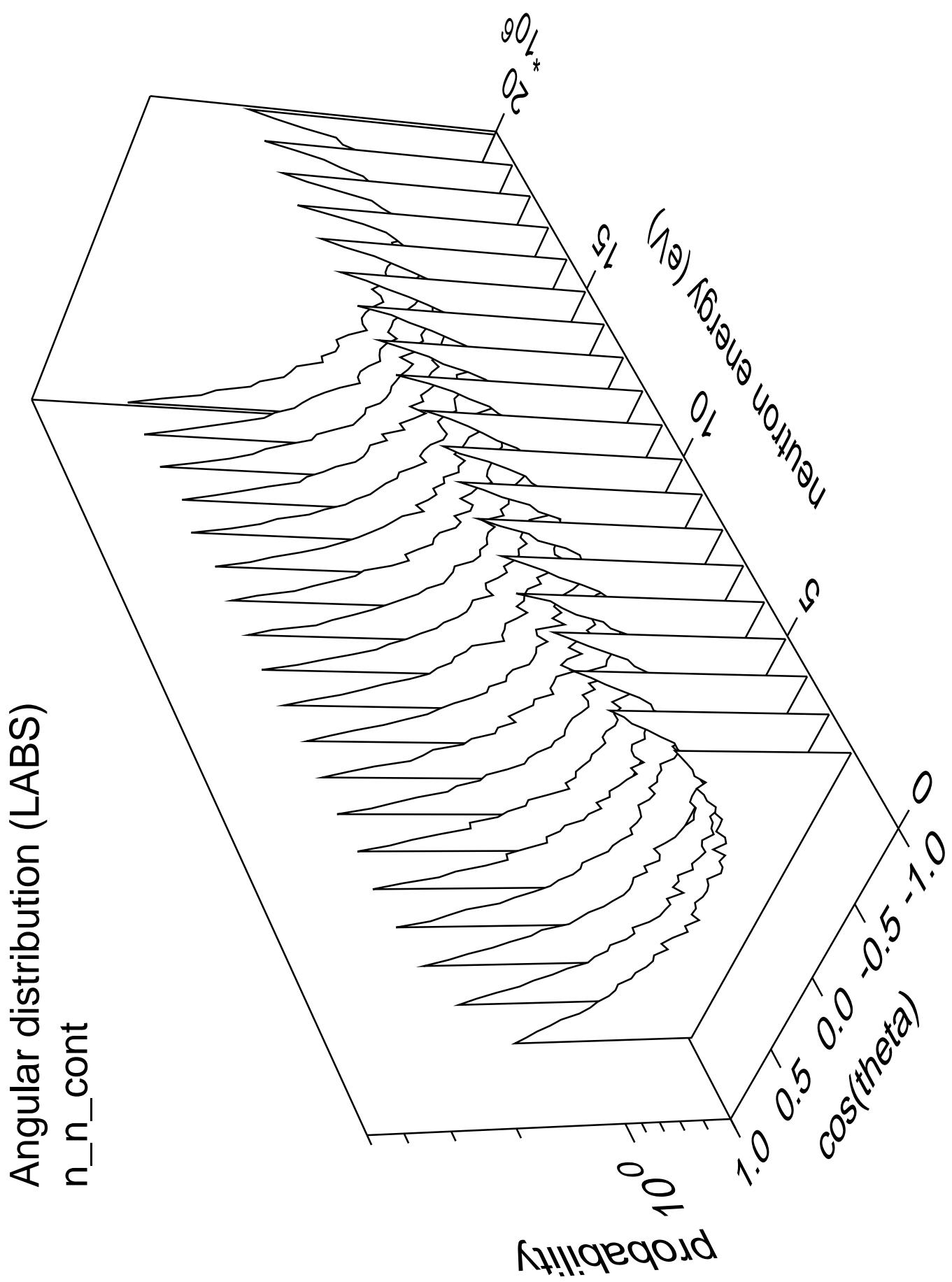


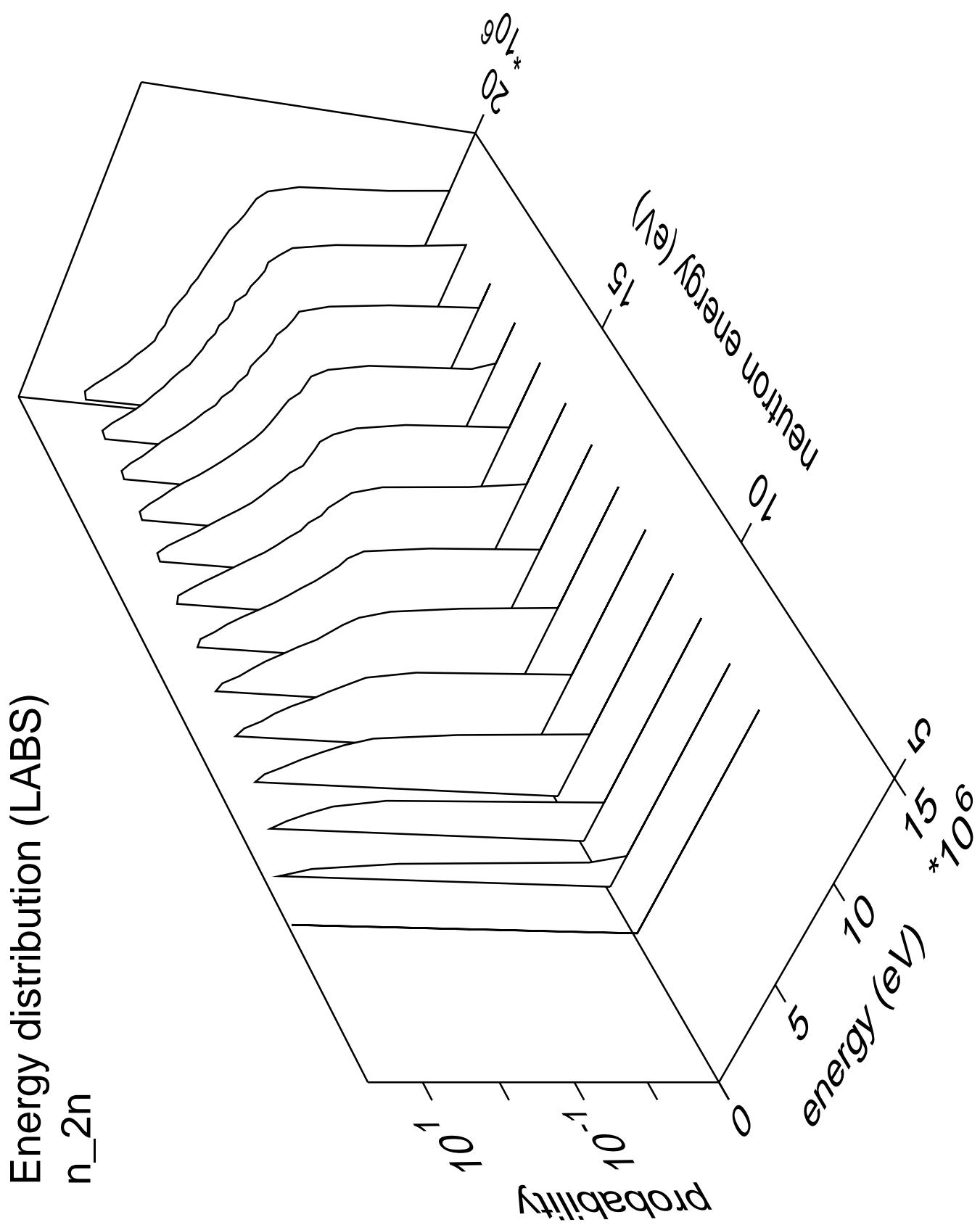


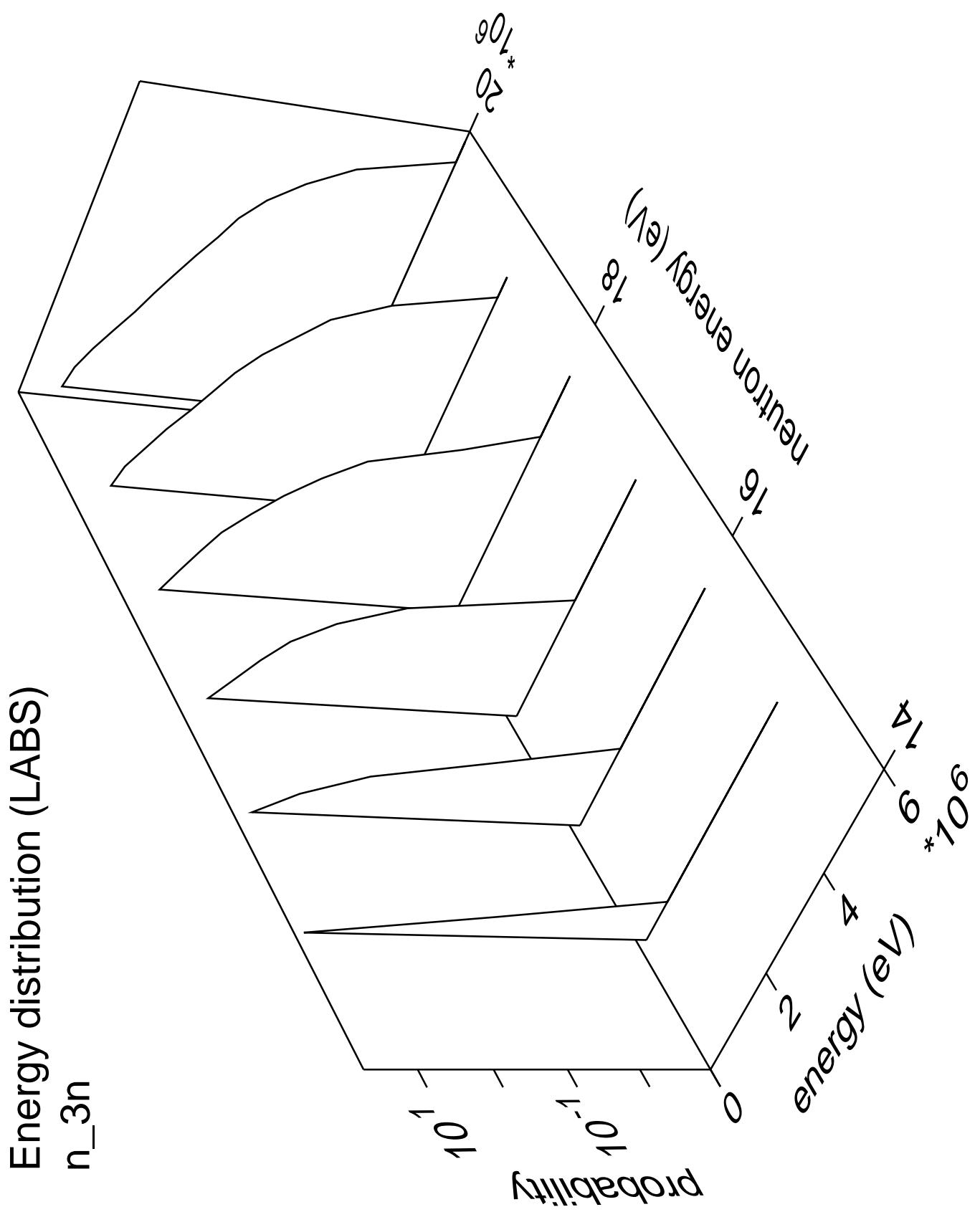


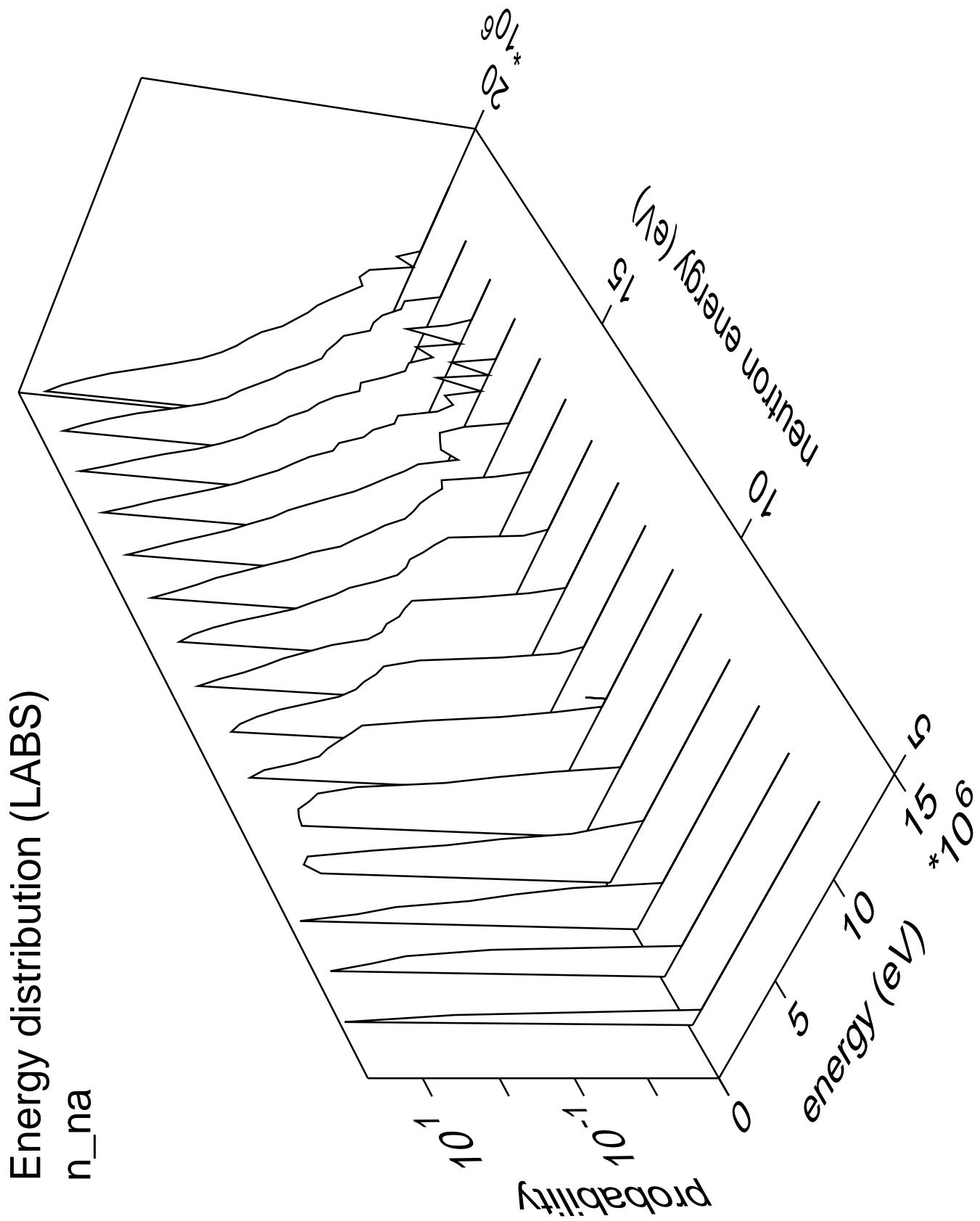


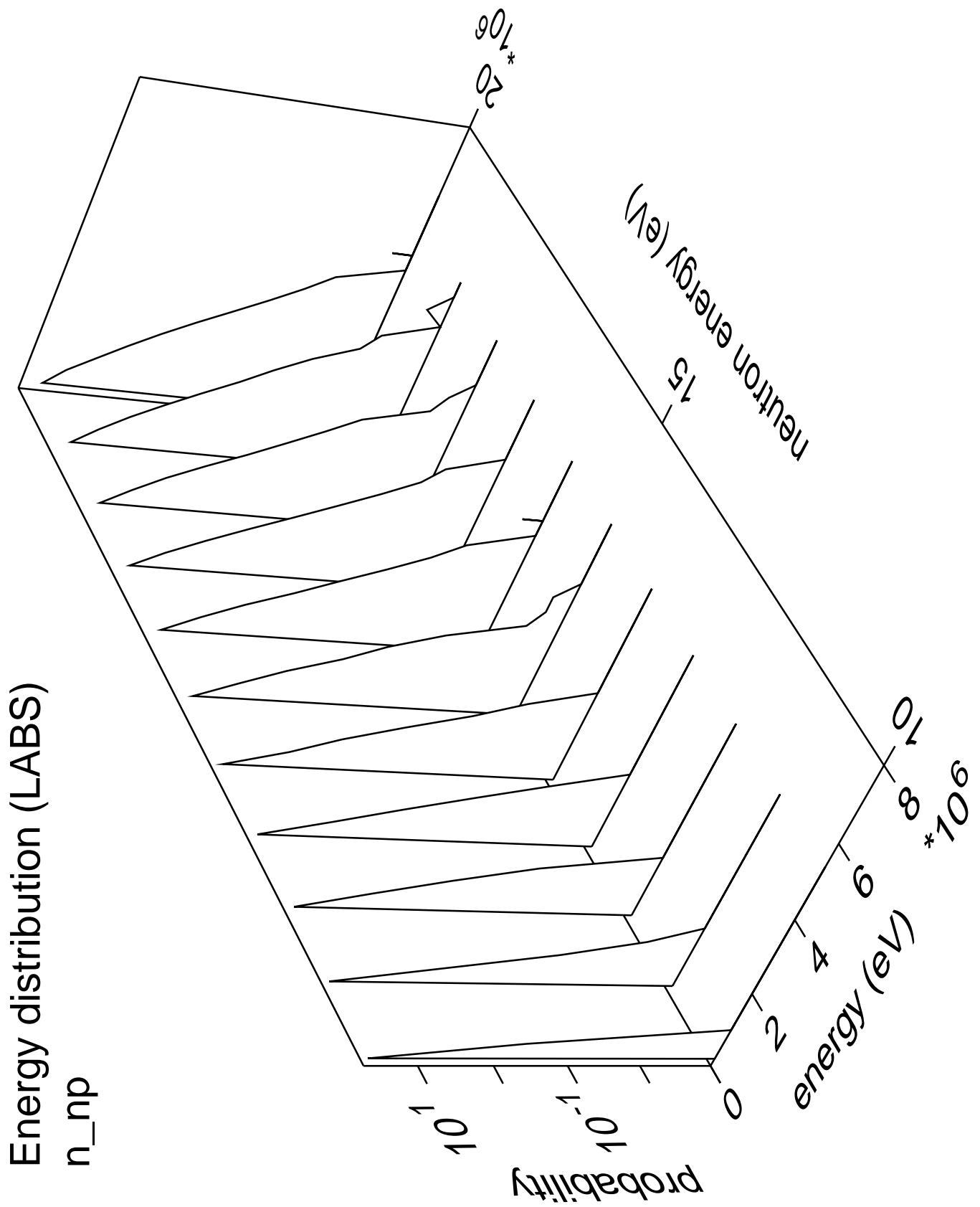


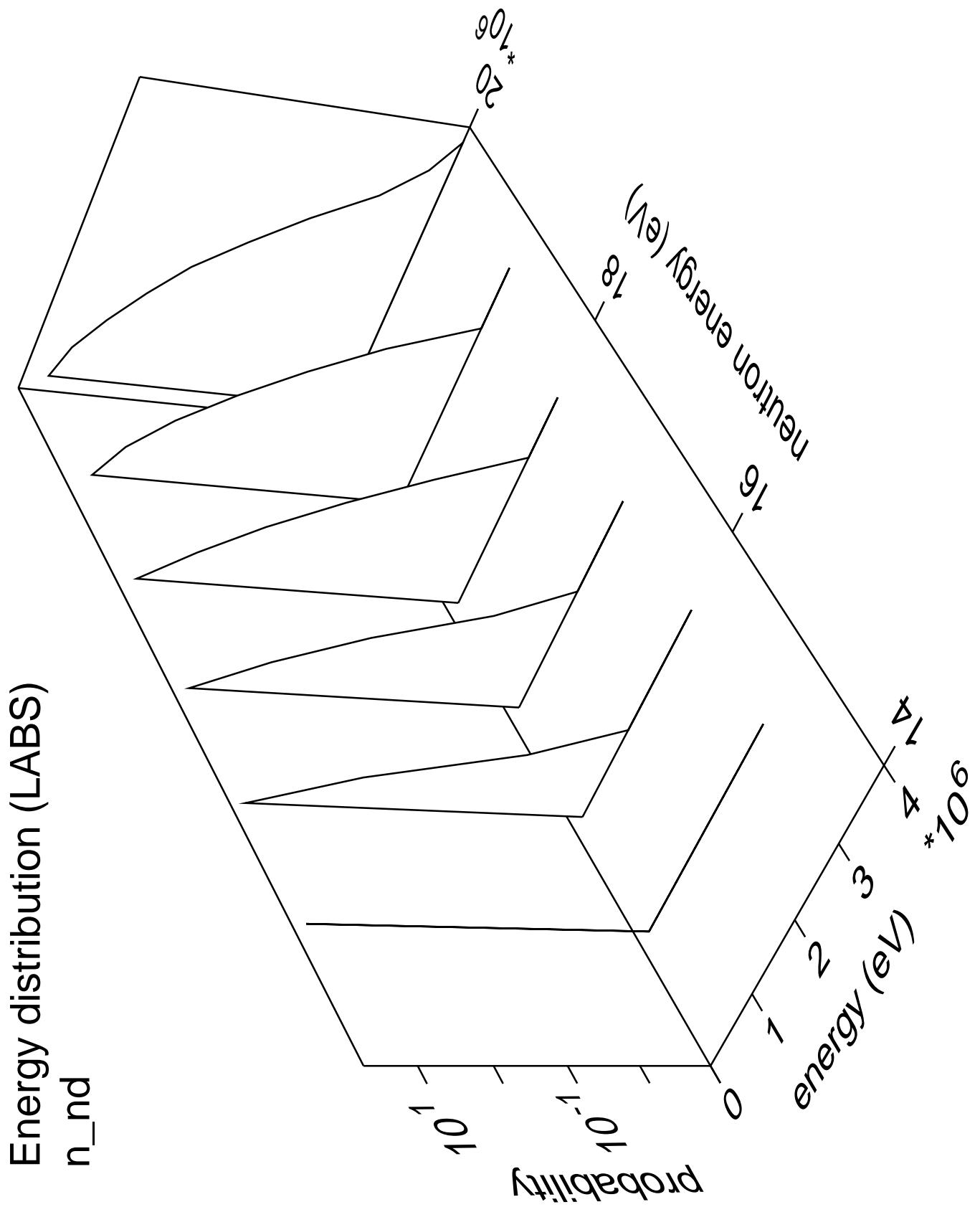


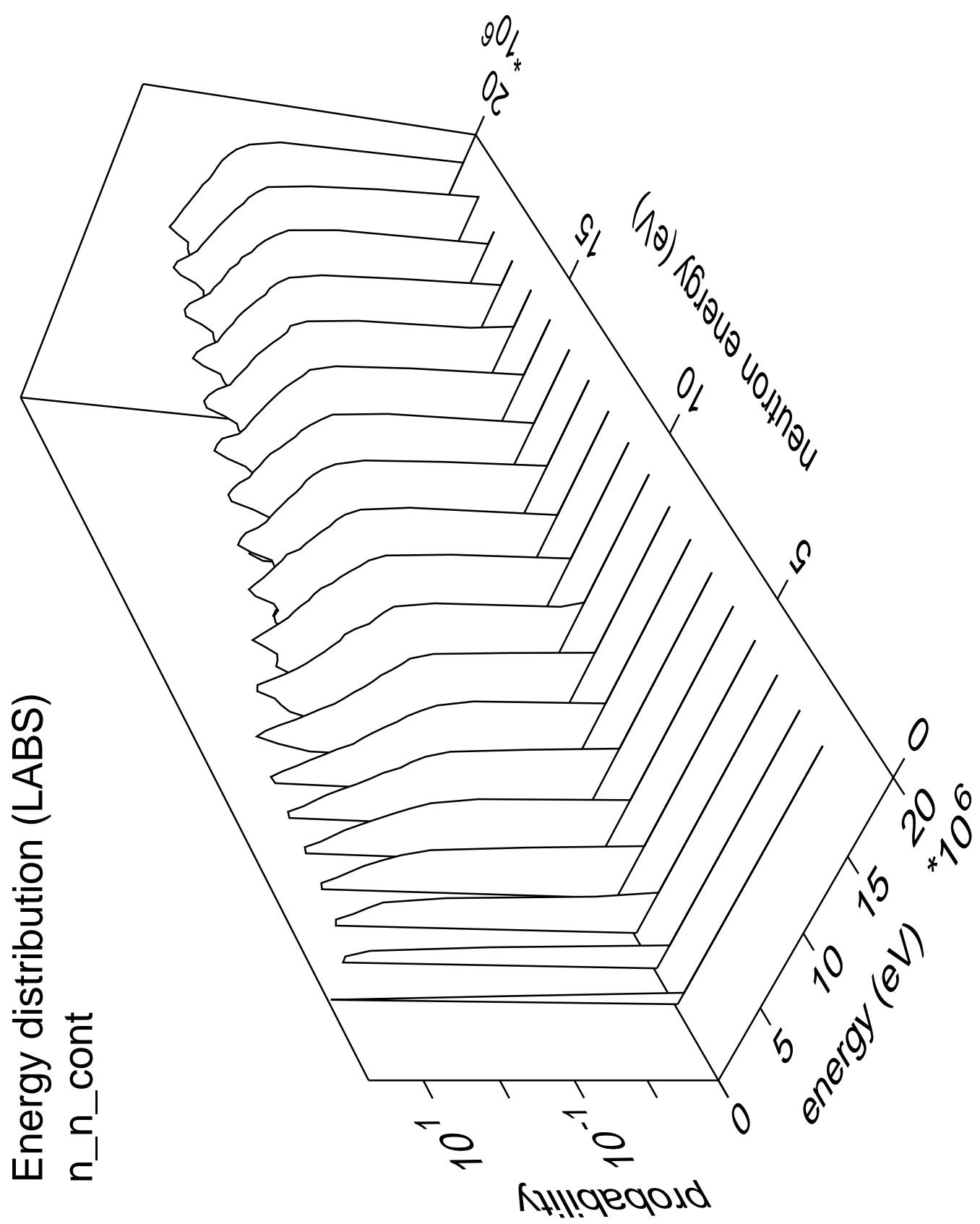




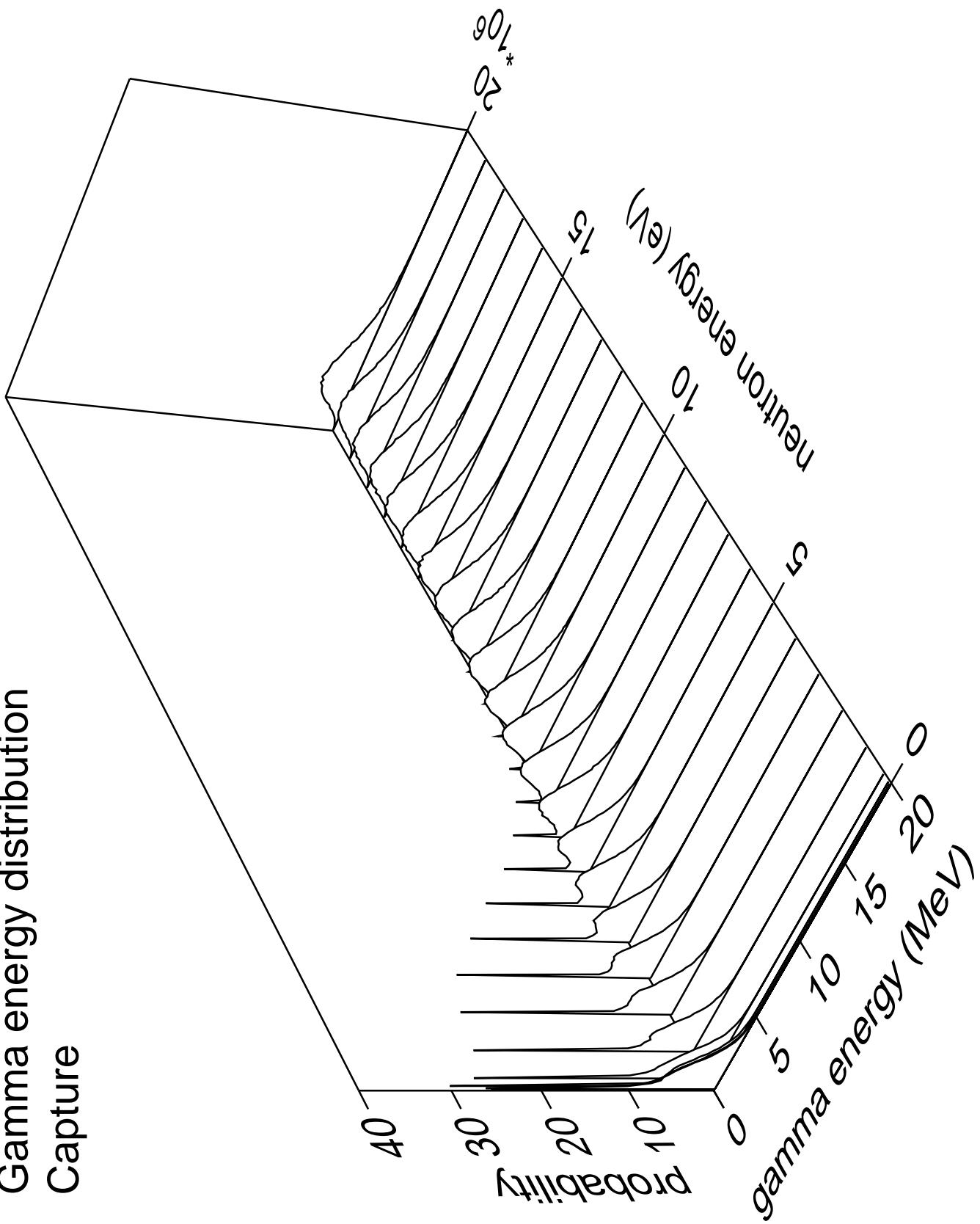




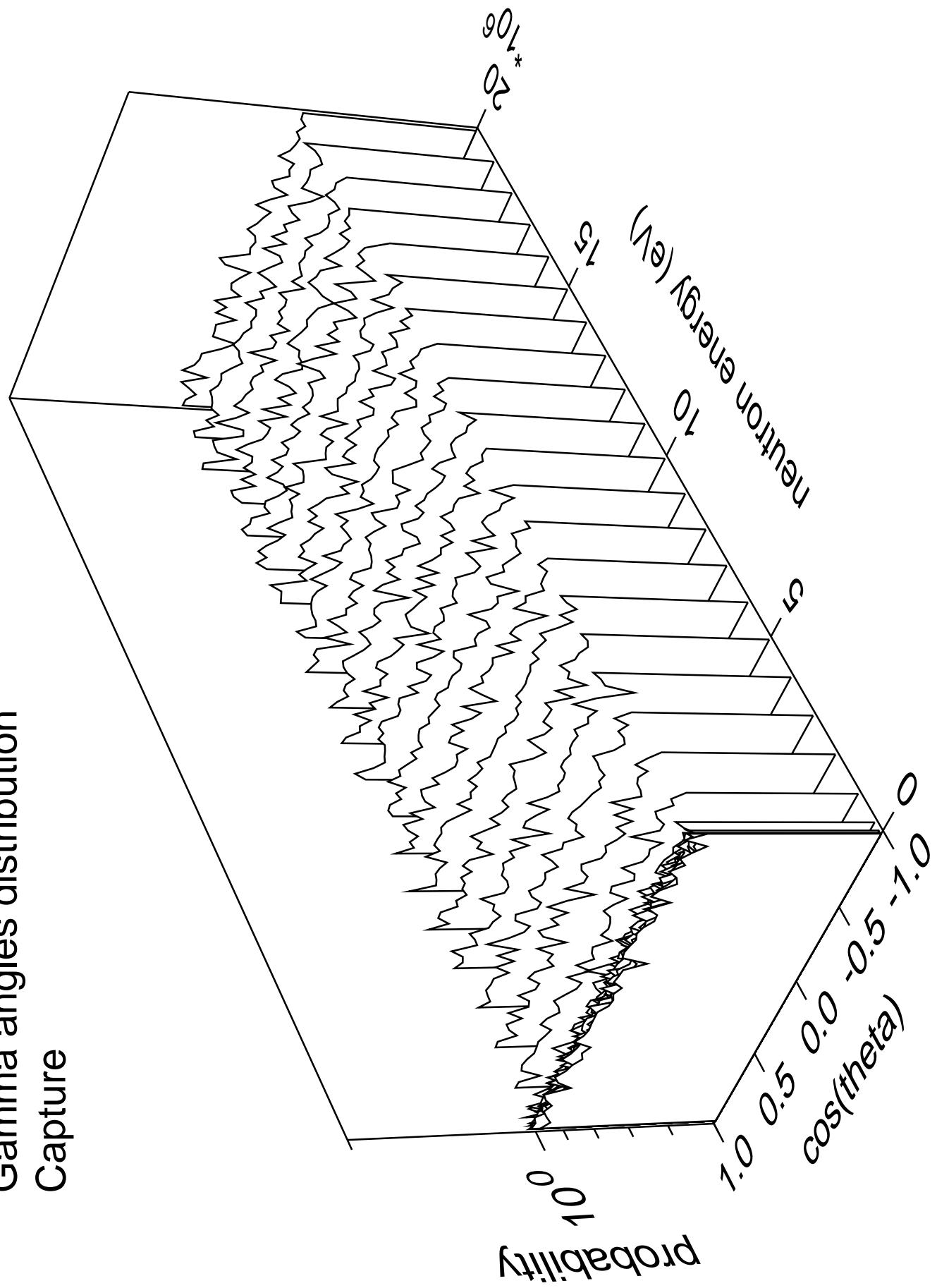




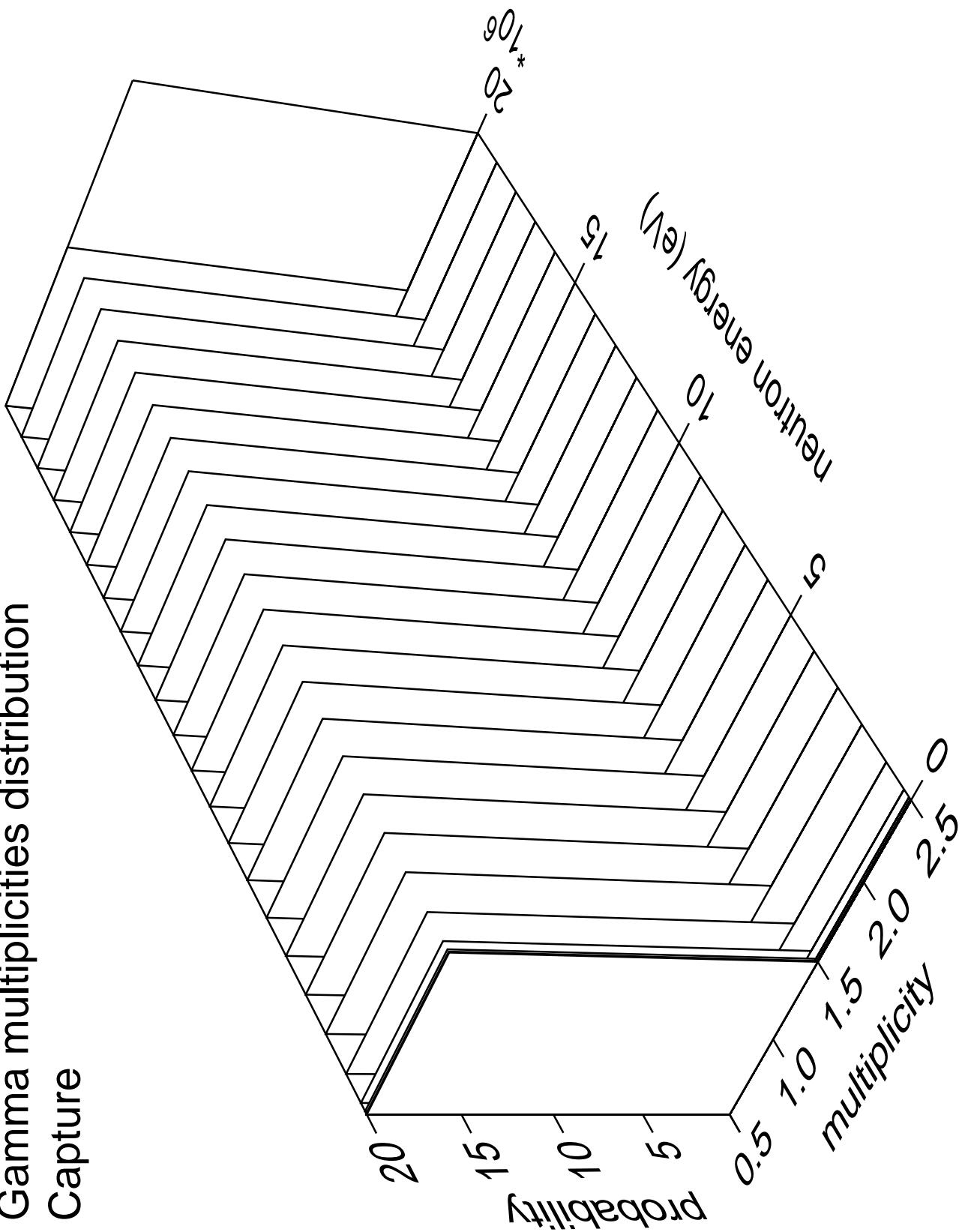
# Gamma energy distribution Capture



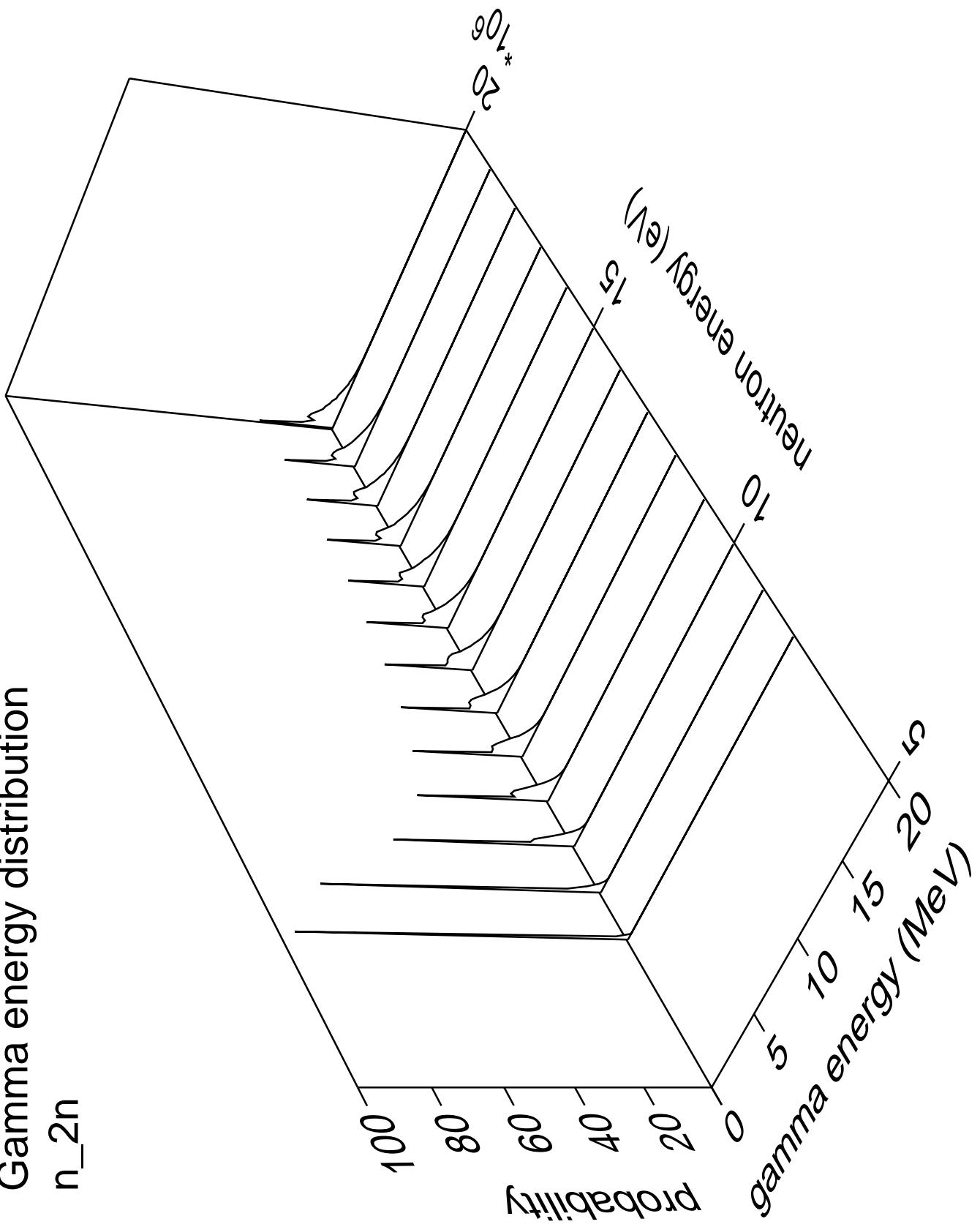
# Gamma angles distribution Capture



# Gamma multiplicities distribution Capture



# Gamma energy distribution $n_{2n}$



# Gamma angles distribution

$n_{2n}$

Probability

$10^0$

Neutron energy ( $\text{eV}$ )

$10^6$

$20$

$15$

$10$

$5$

$0$

$\cos(\theta)$

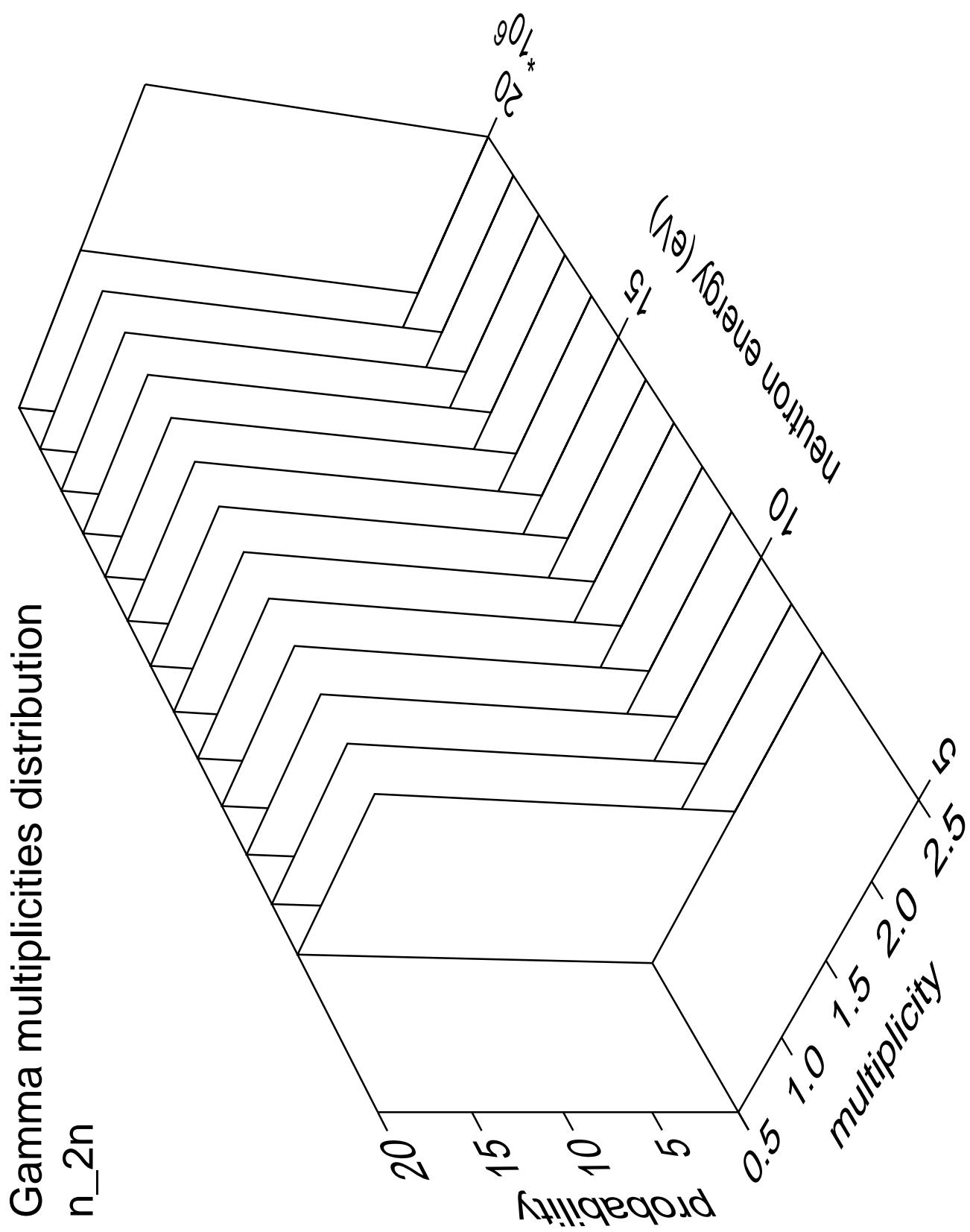
$1.0$

$0.5$

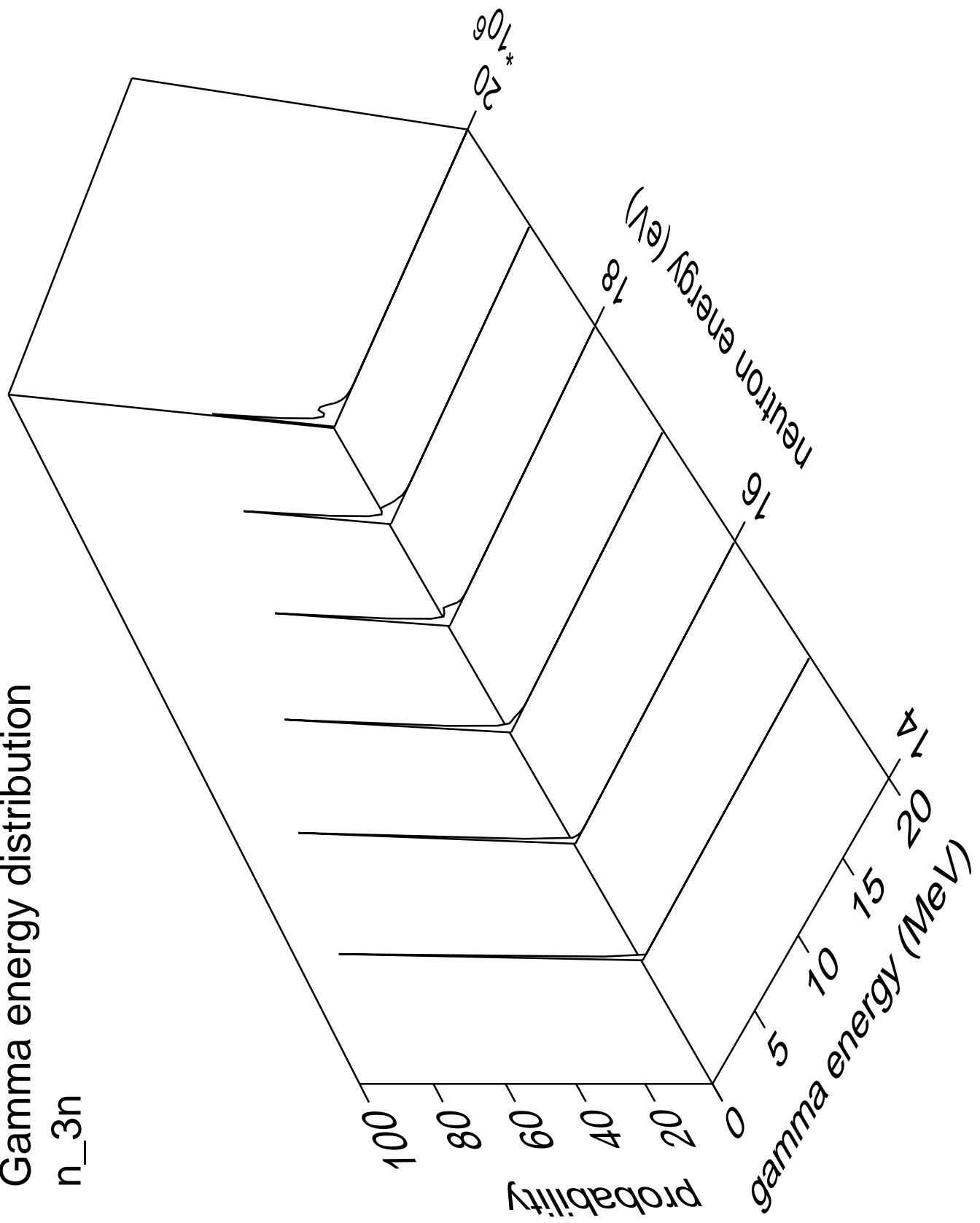
$0.0$

$-0.5$

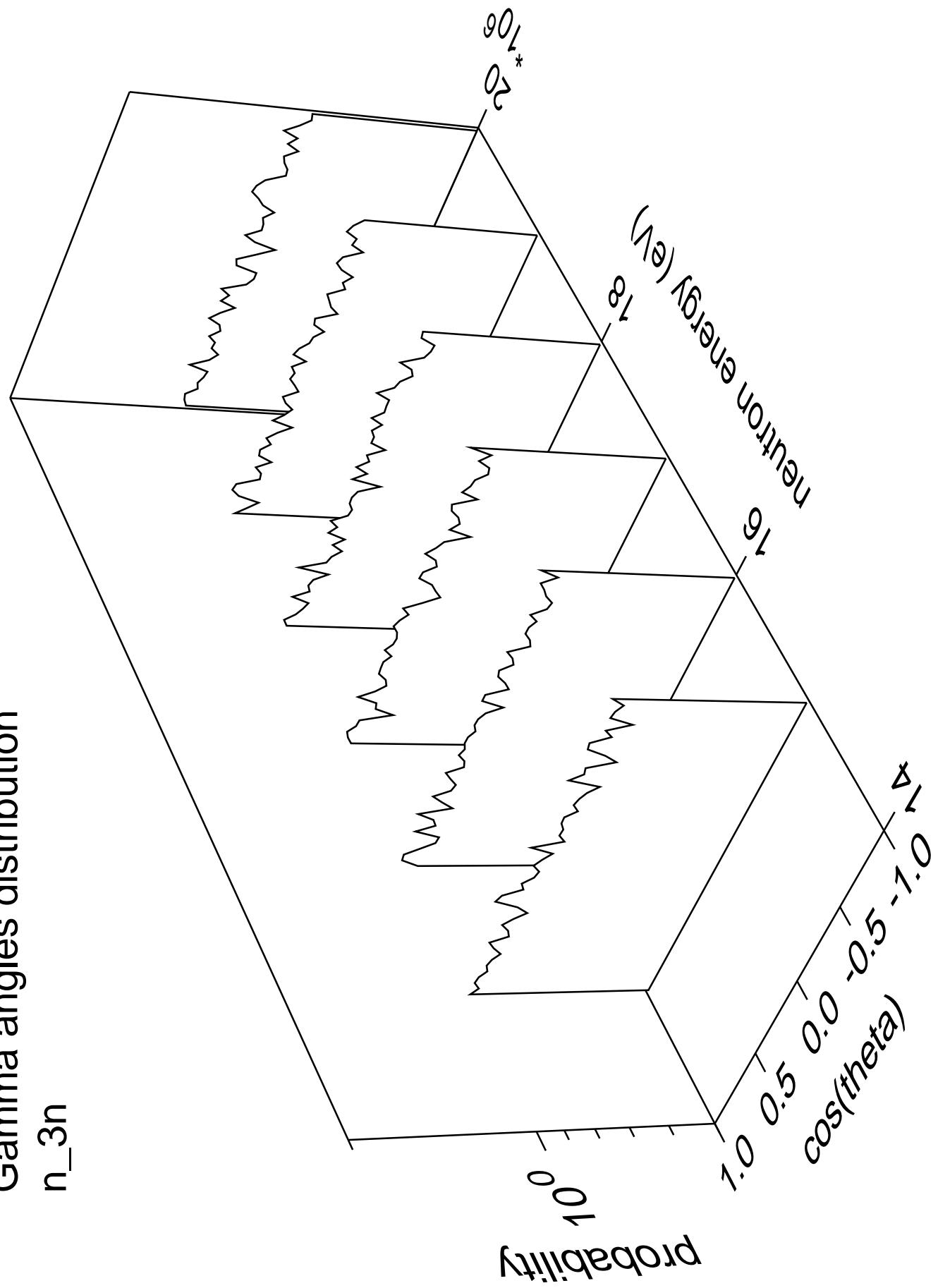
$-1.0$



# Gamma energy distribution $n_{3n}$



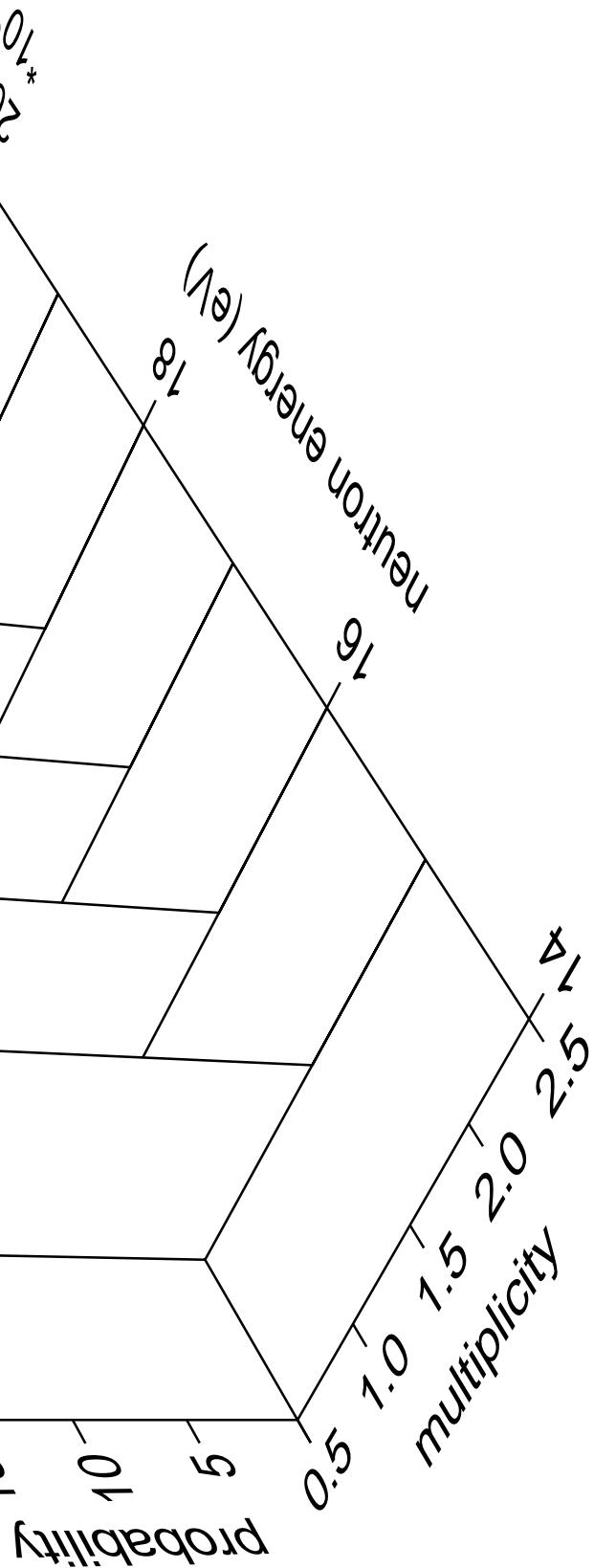
# Gamma angles distribution $n_{3n}$

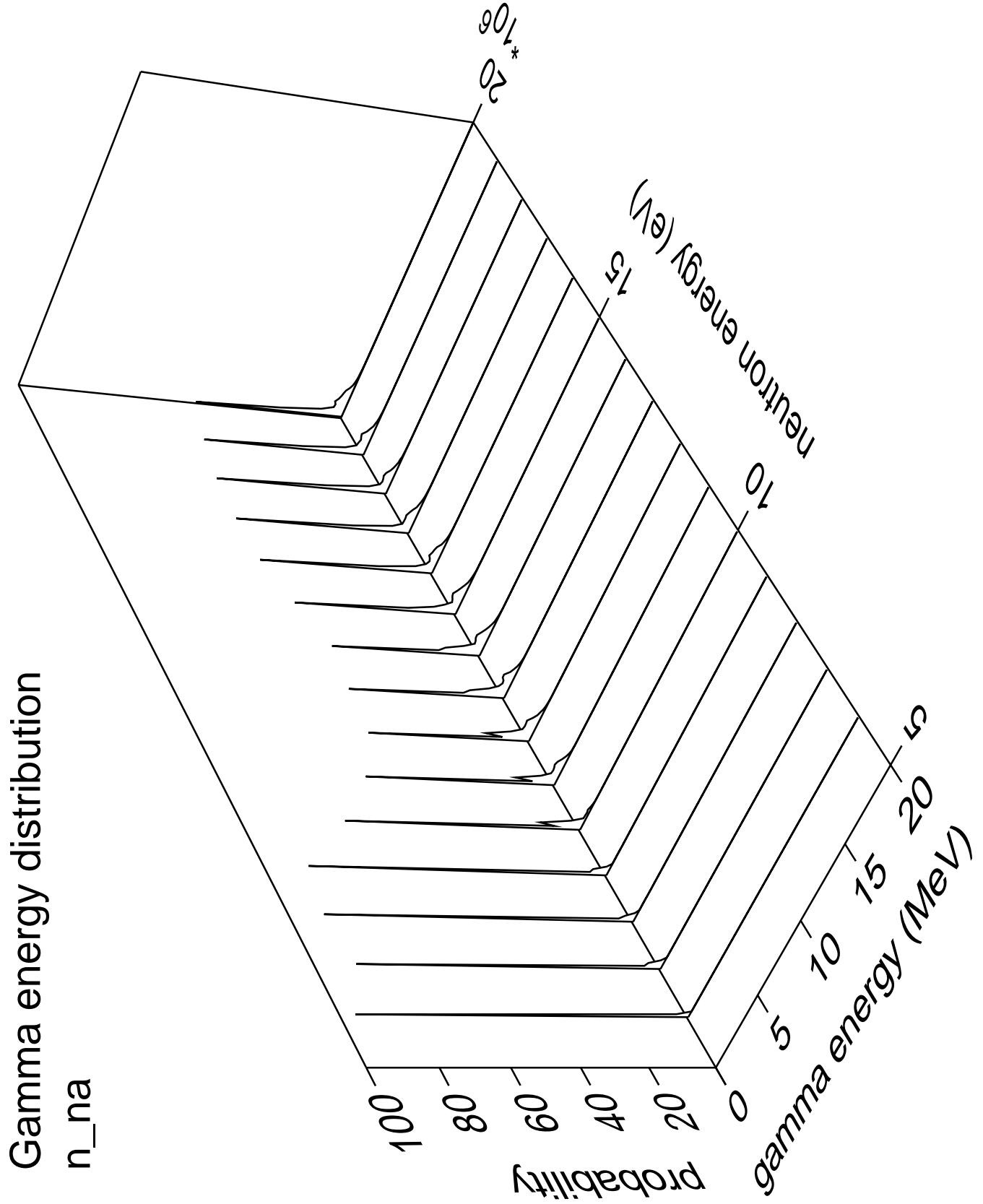


## Gamma multiplicities distribution

$n_{3n}$

Probability





Gamma angles distribution

$n_{na}$

Probability

$10^0$

Neutron energy ( $\text{eV}$ )

$10^6$

$10^5$

$10^4$

$10^3$

$10^2$

$10^1$

$10^0$

$\cos(\theta)$

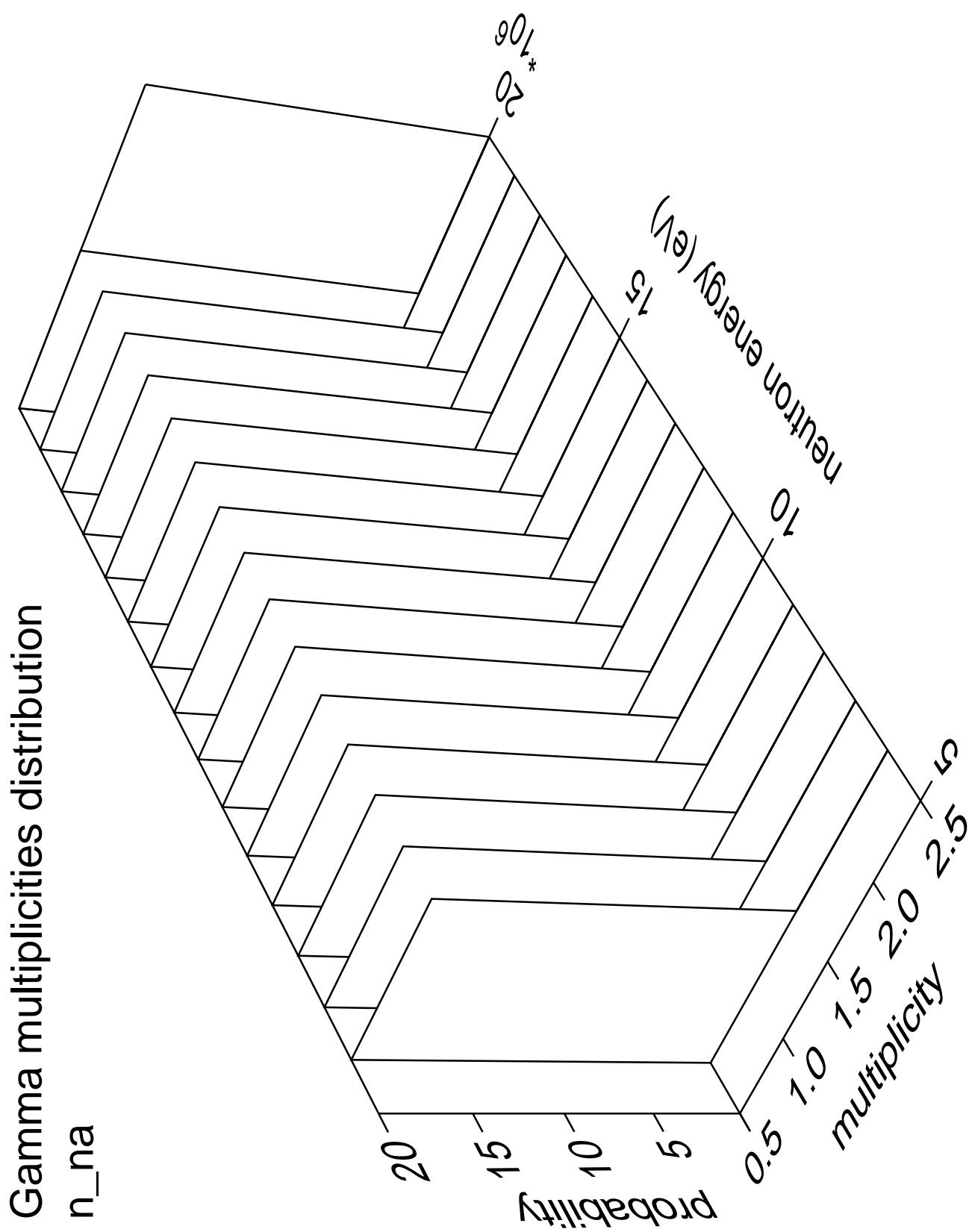
$-1.0$

$-0.5$

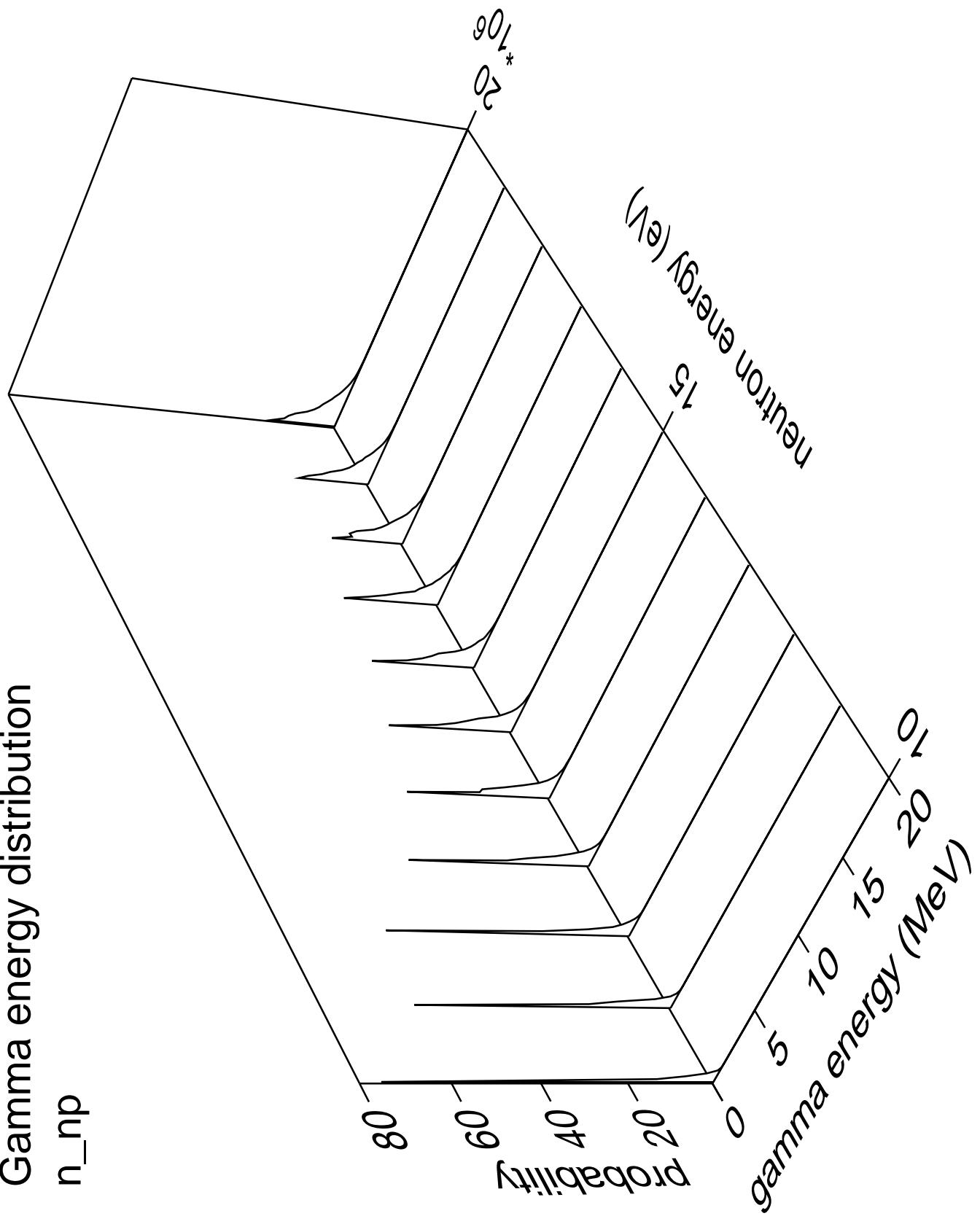
$0.0$

$0.5$

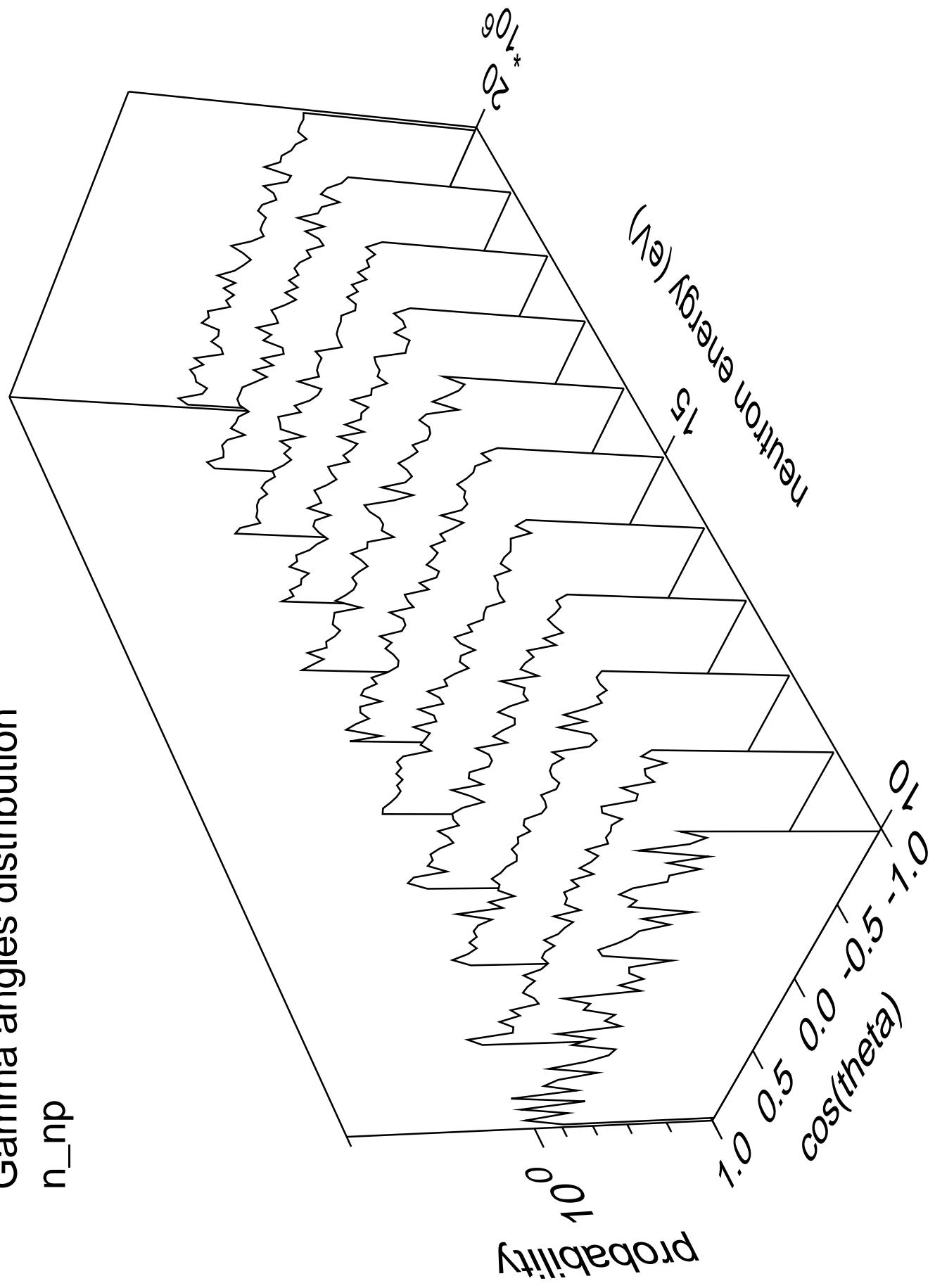
$1.0$

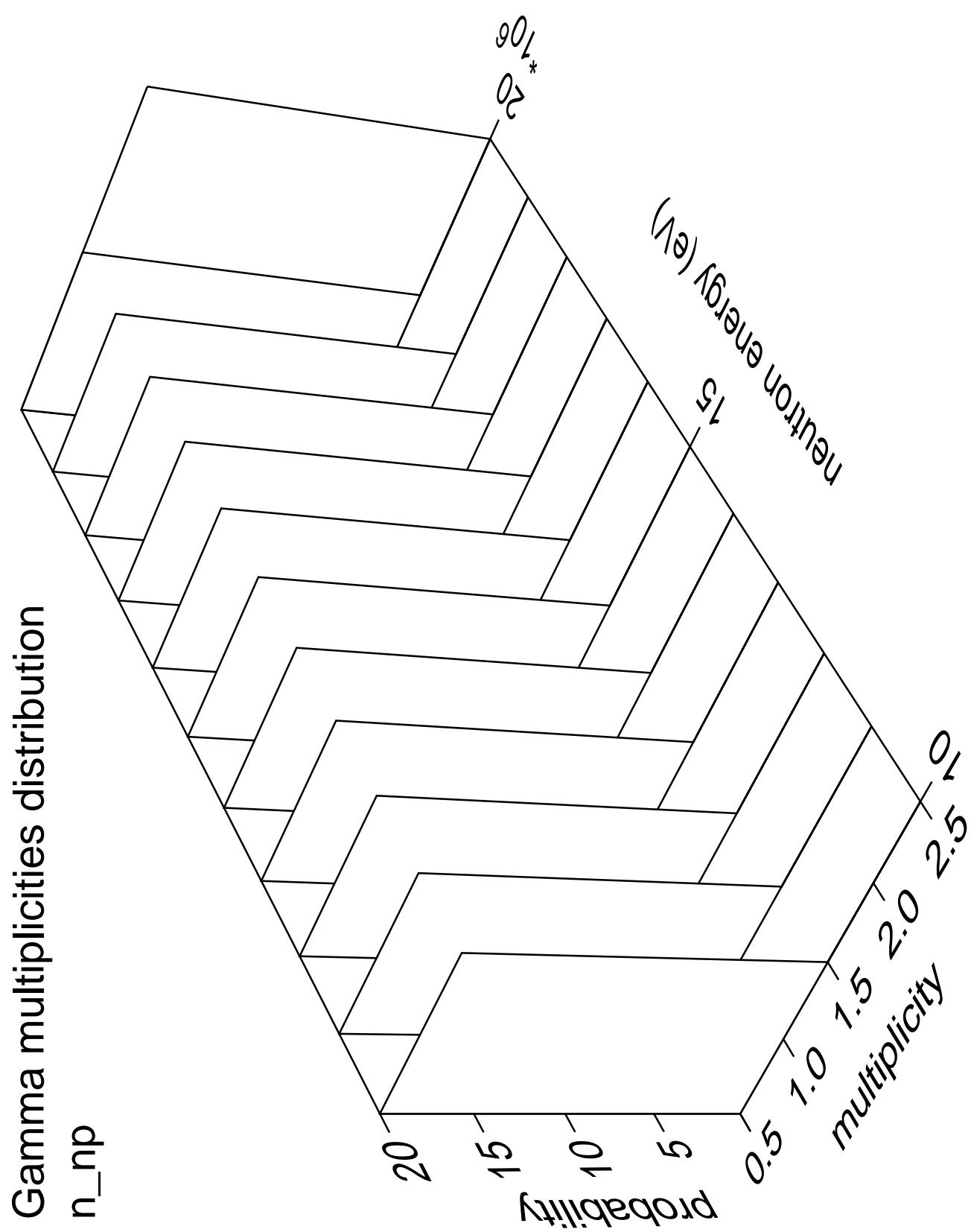


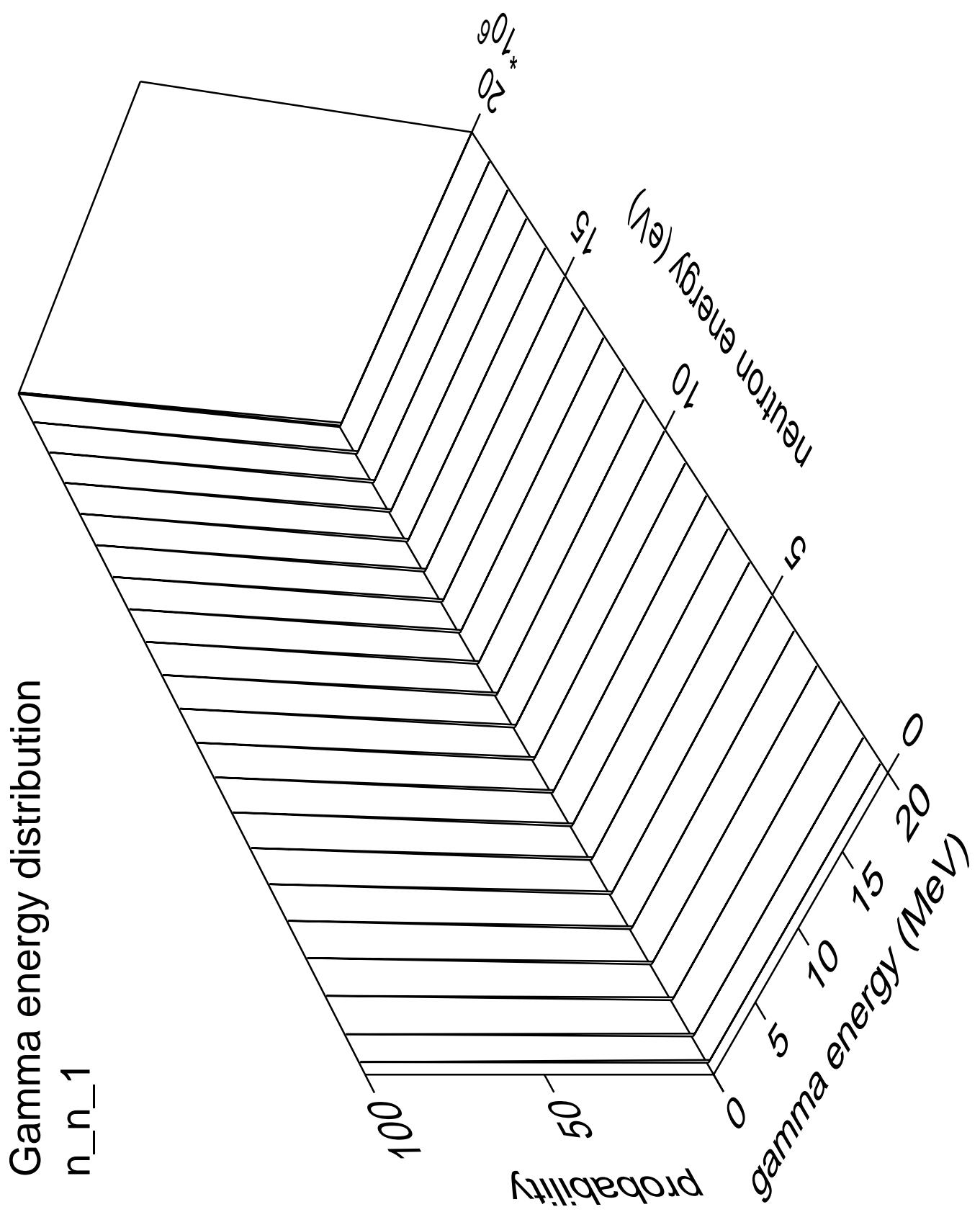
Gamma energy distribution  
 $n_{np}$



Gamma angles distribution  
 $n_{np}$

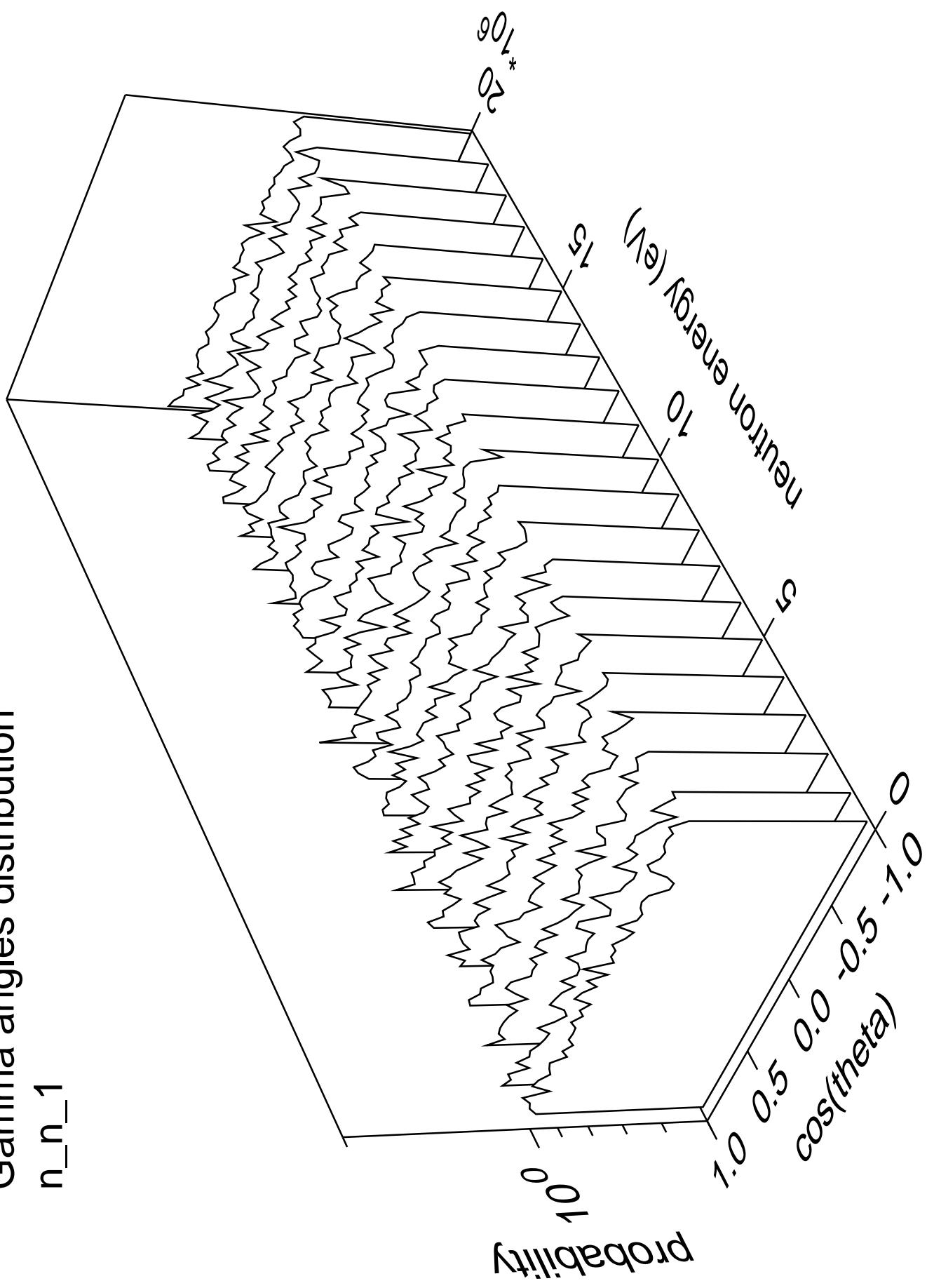




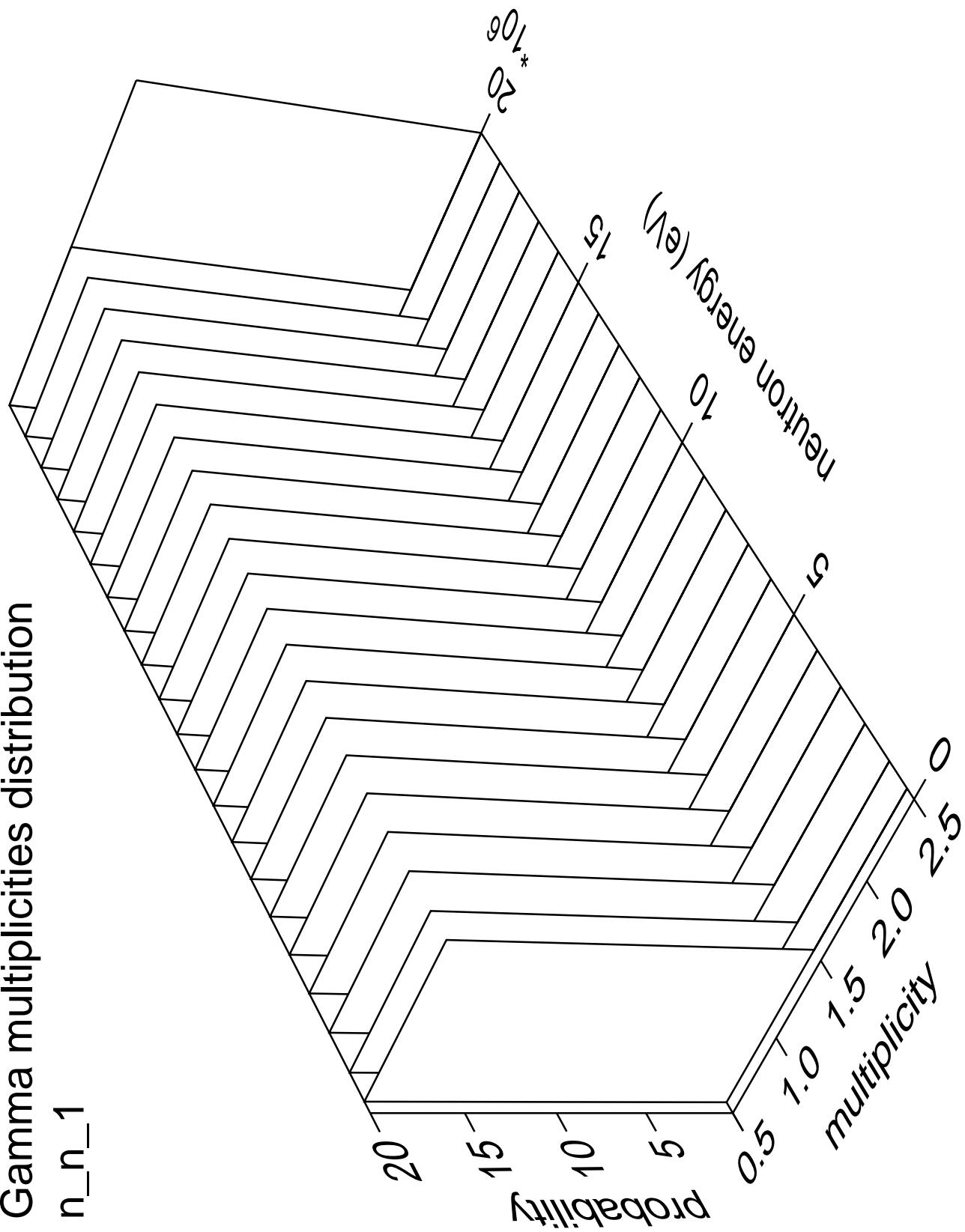


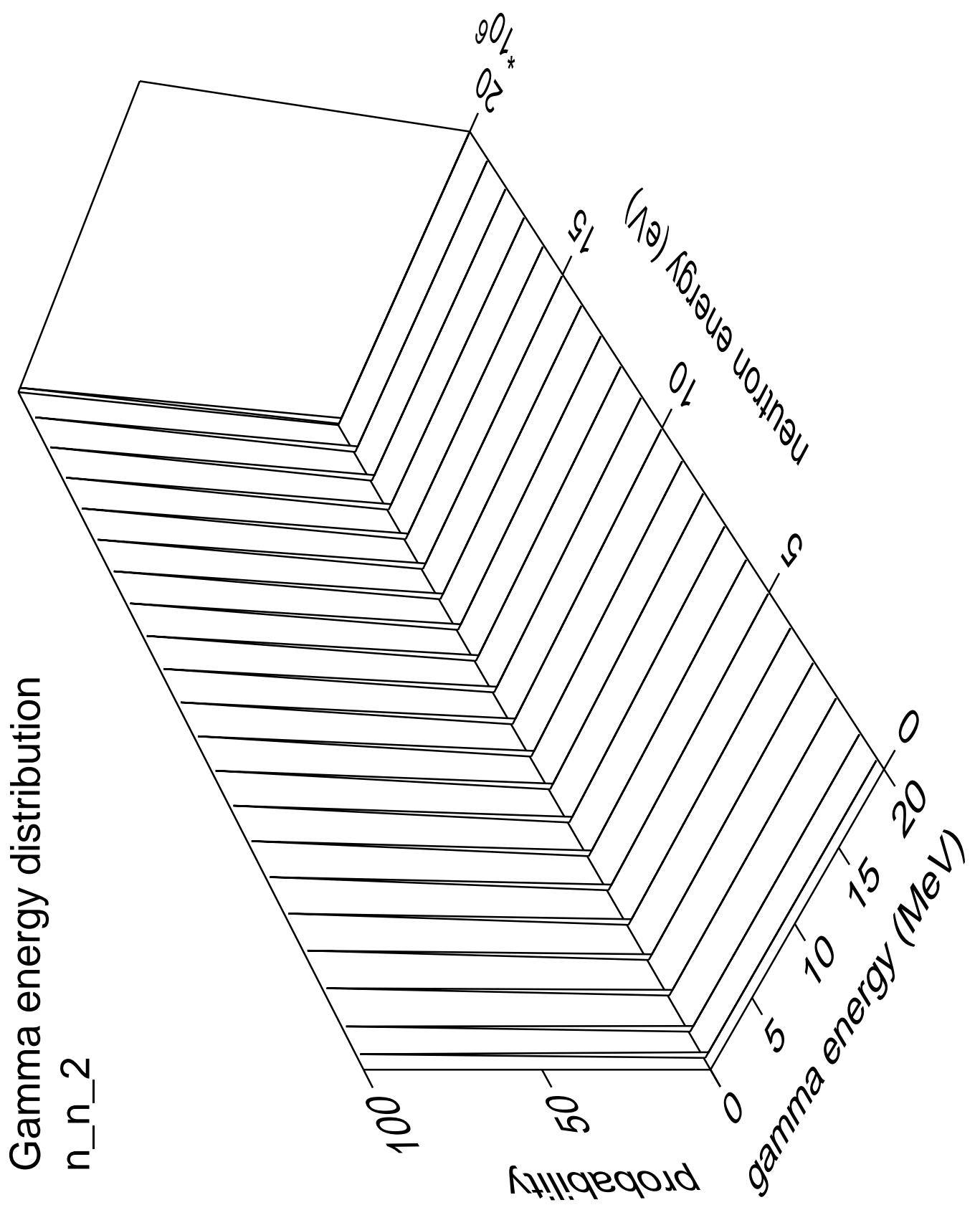
Gamma angles distribution

$n_{n_1}$



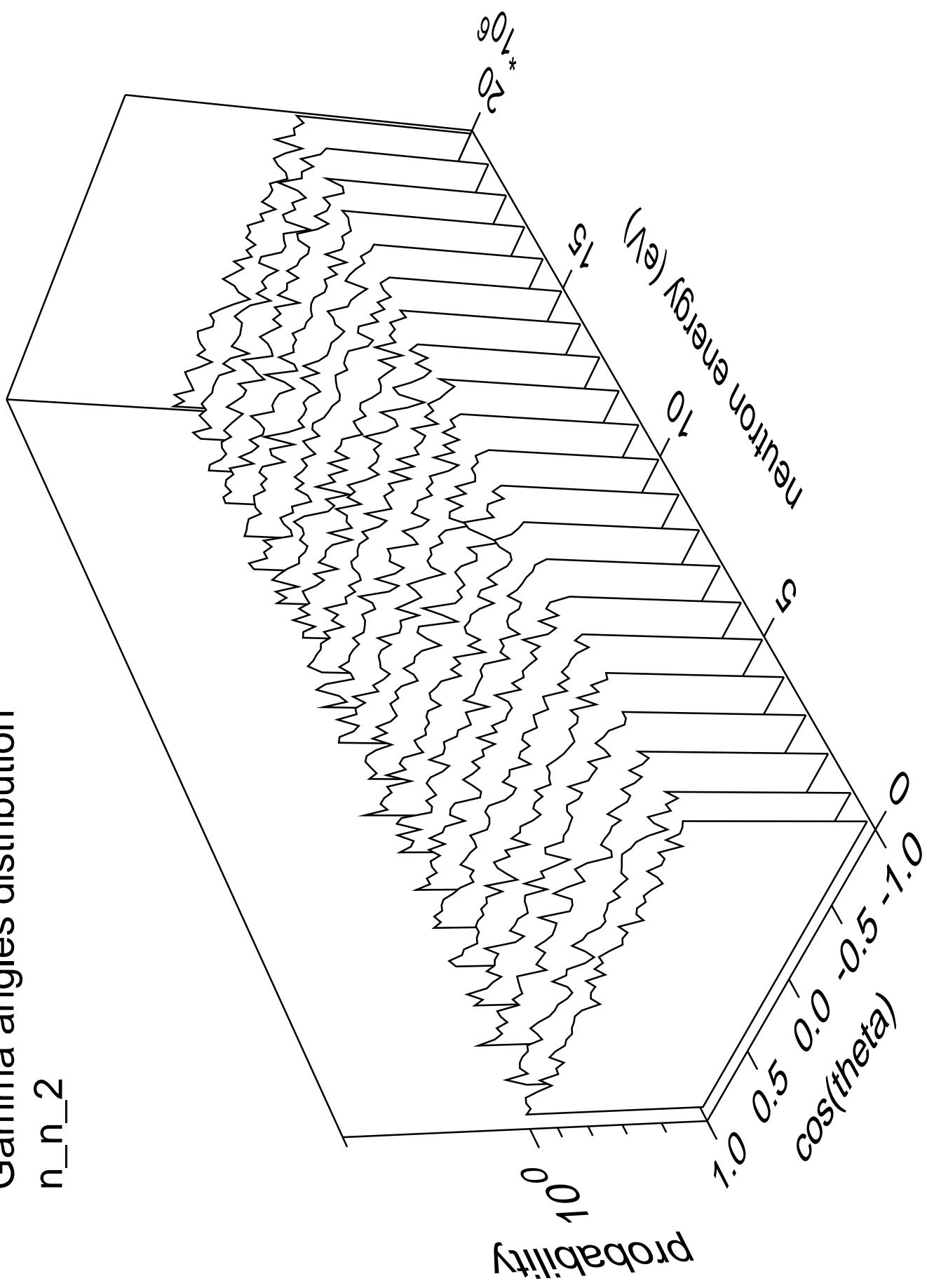
# Gamma multiplicities distribution



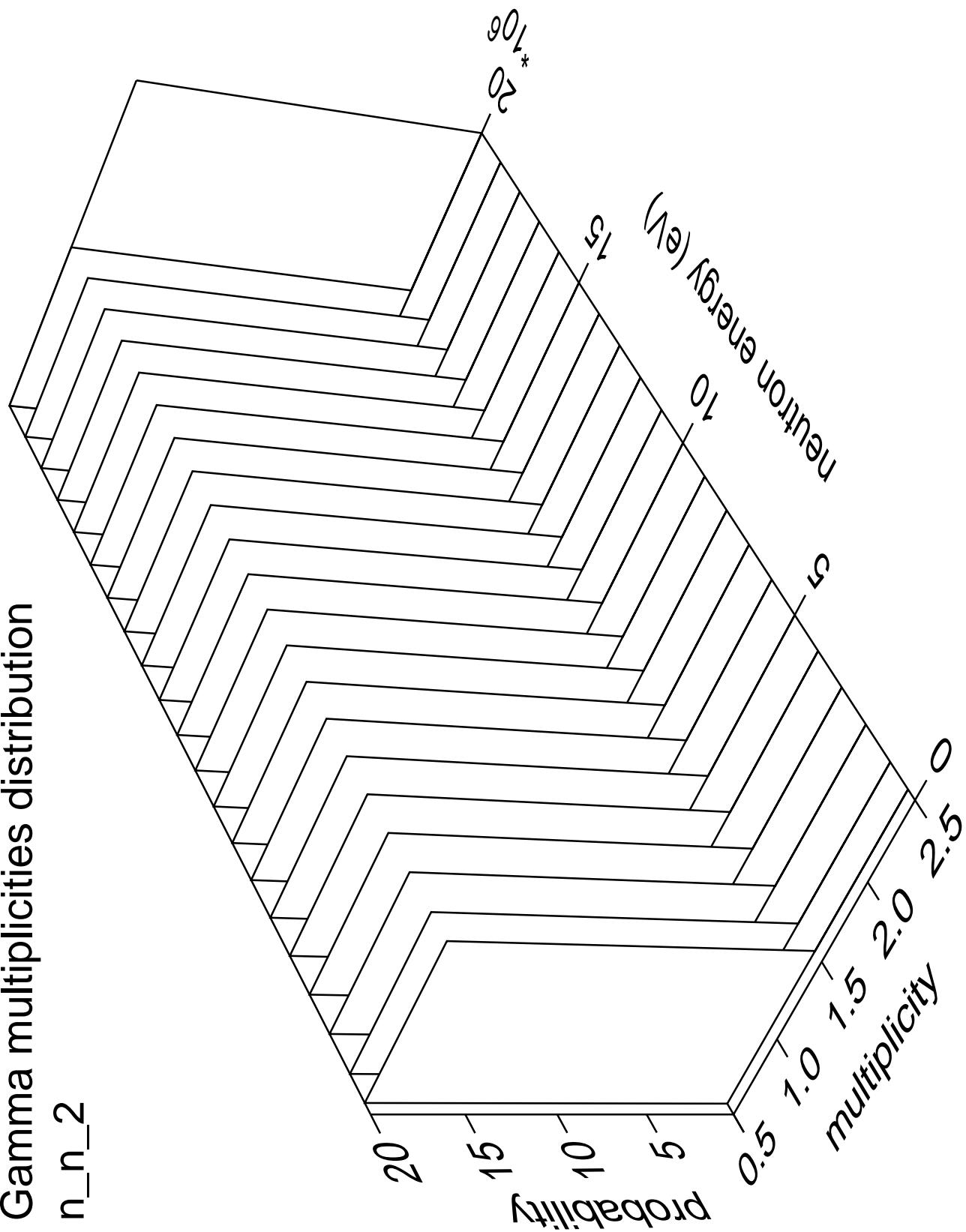


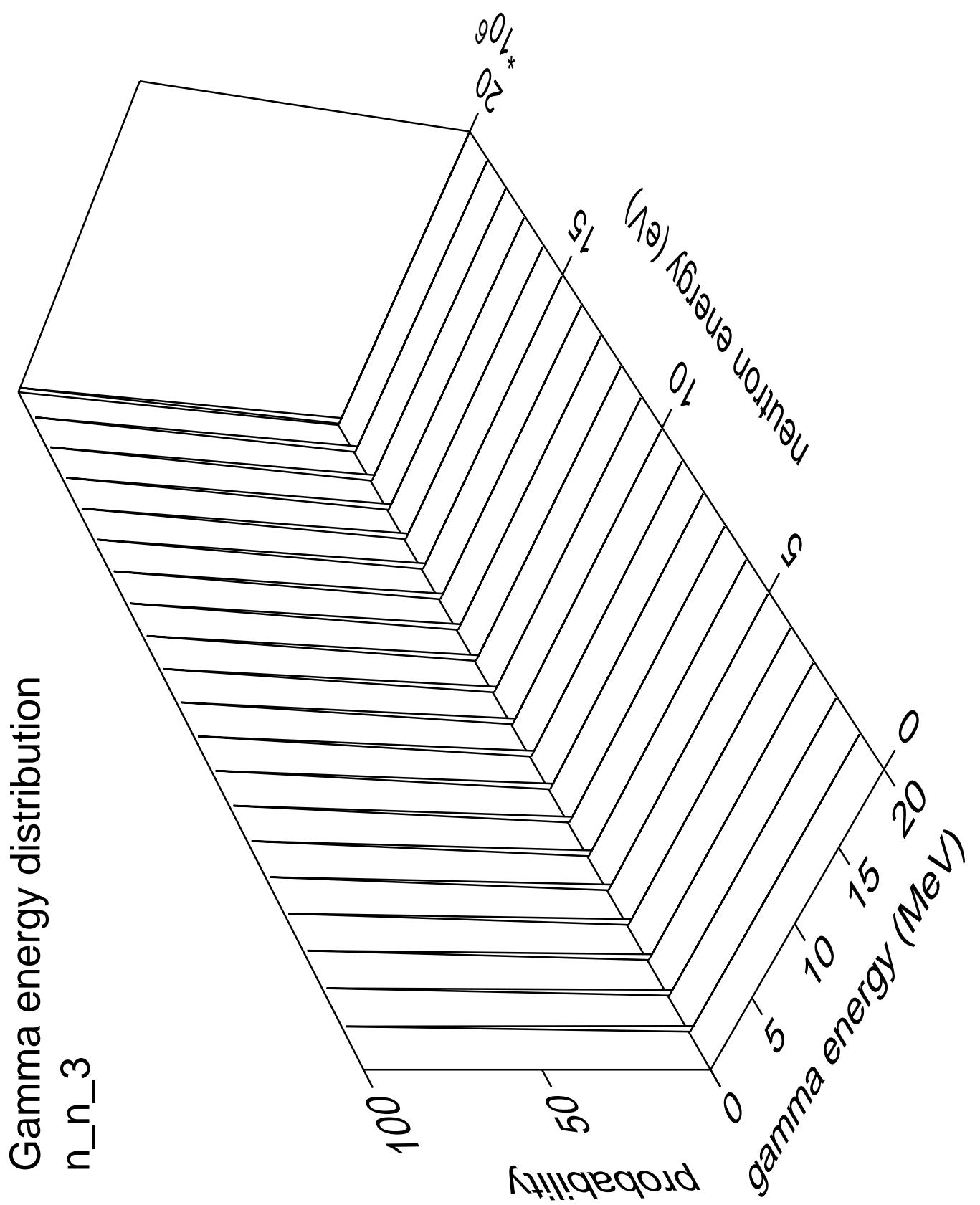
Gamma angles distribution

n\_n\_2



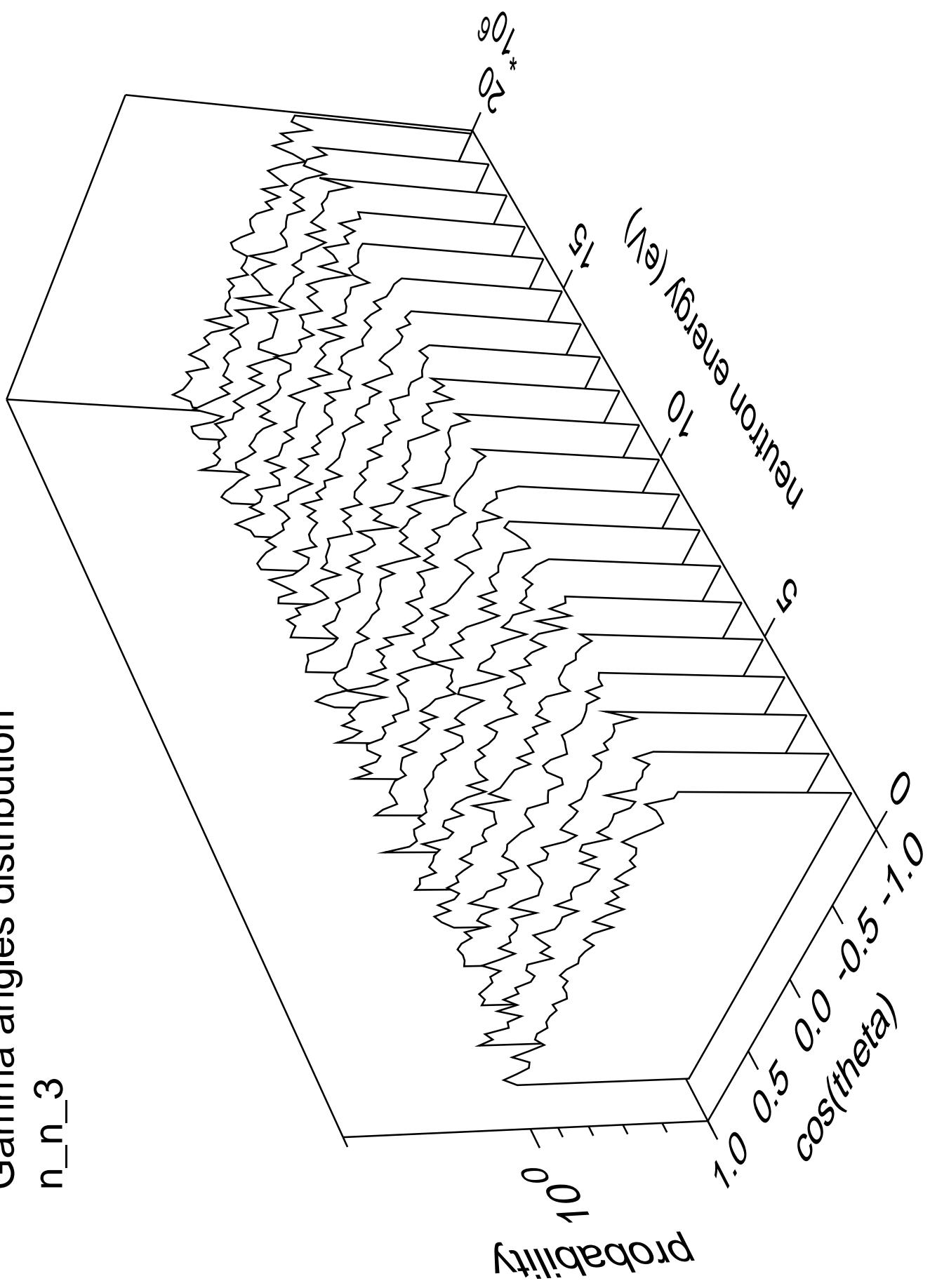
## Gamma multiplicities distribution



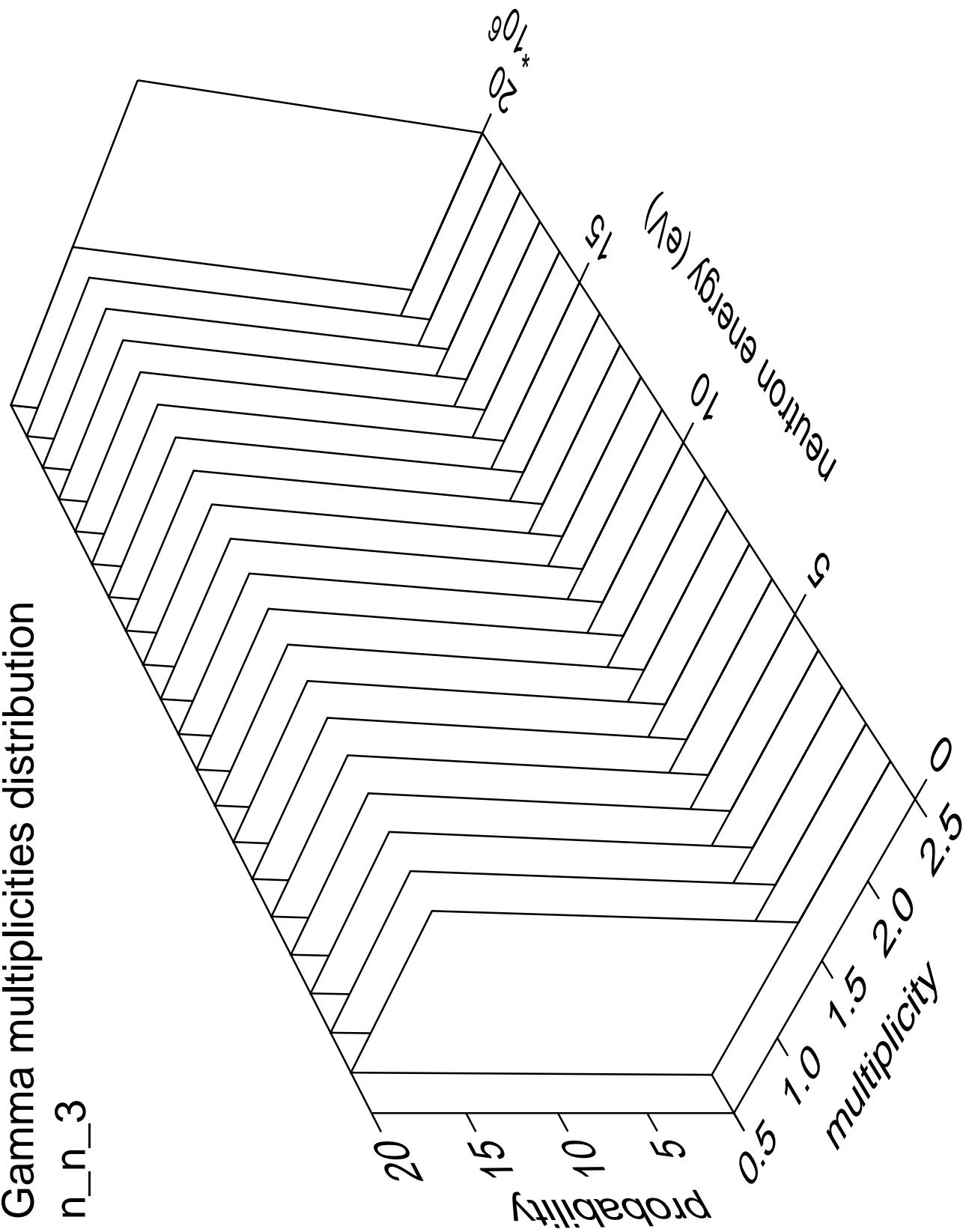


Gamma angles distribution

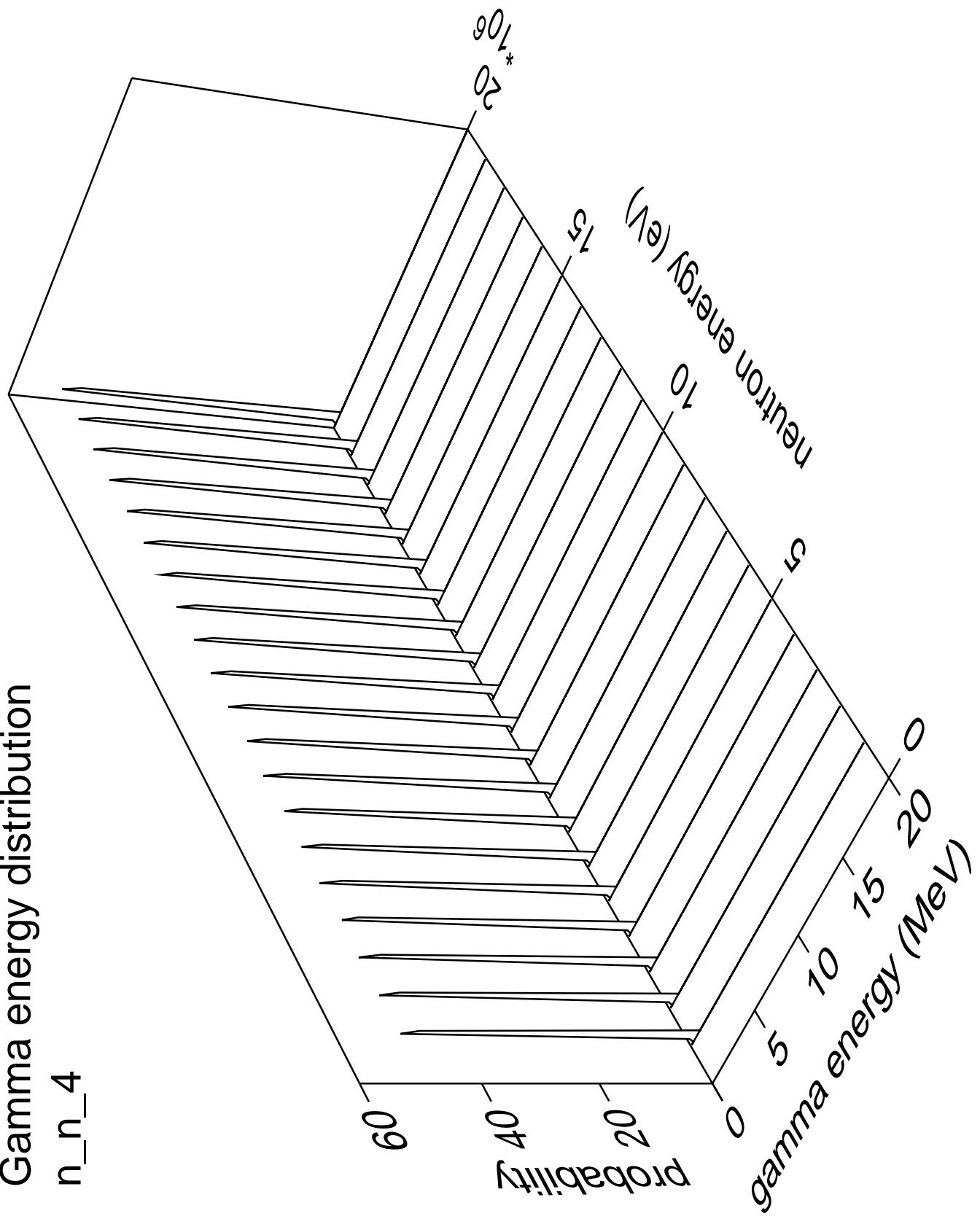
n\_n\_3



### Gamma multiplicities distribution

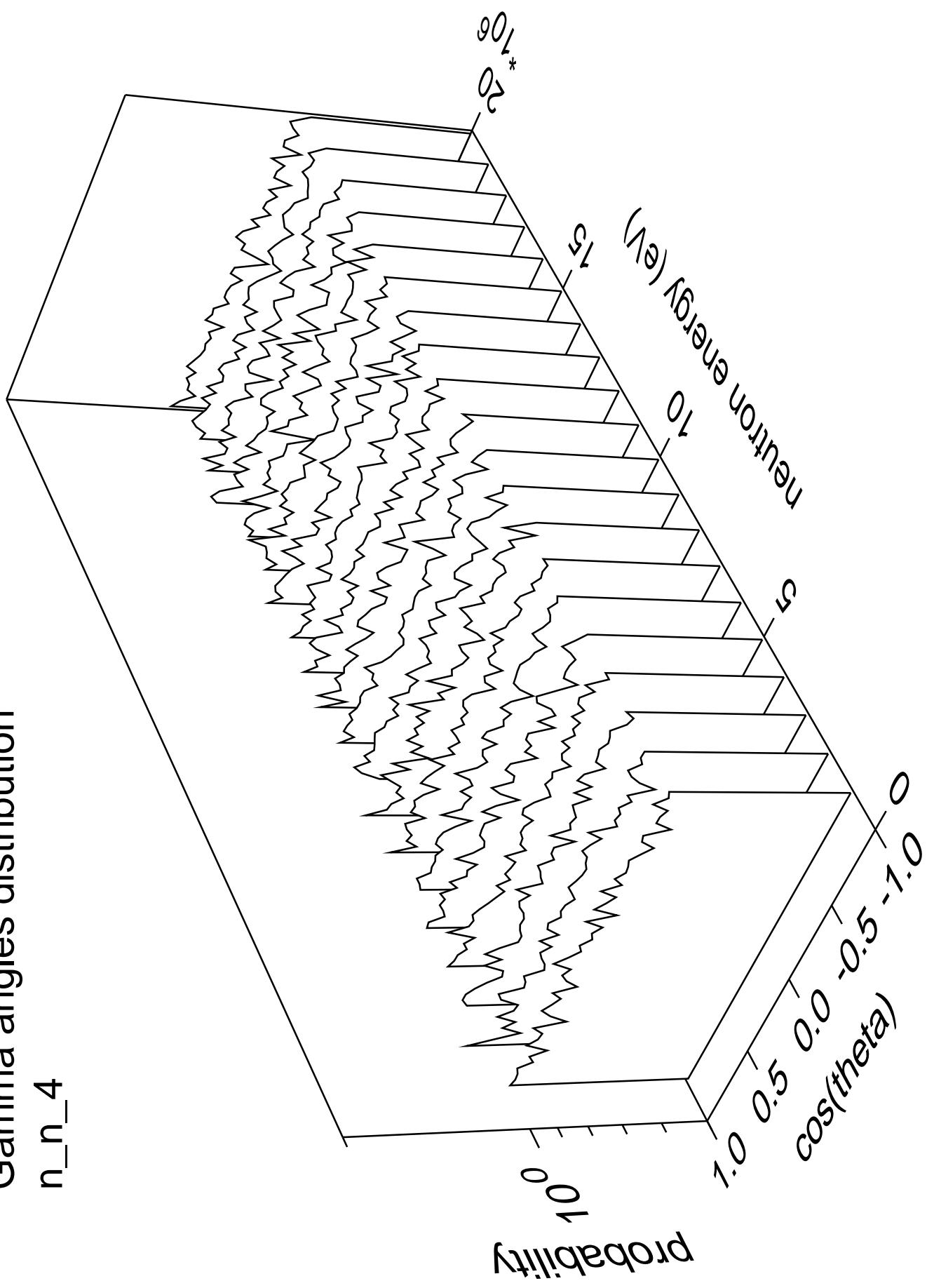


# Gamma energy distribution n\_n\_4

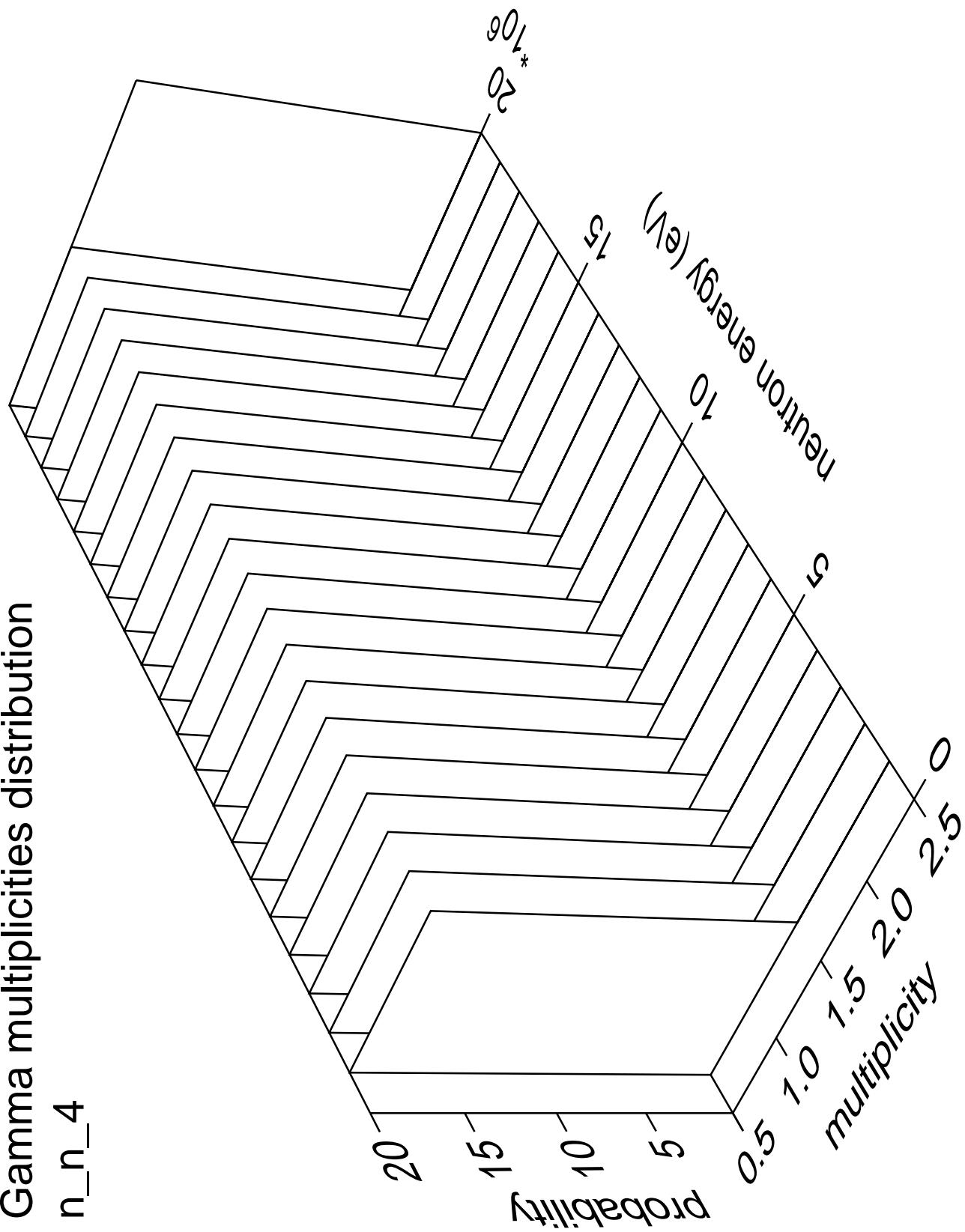


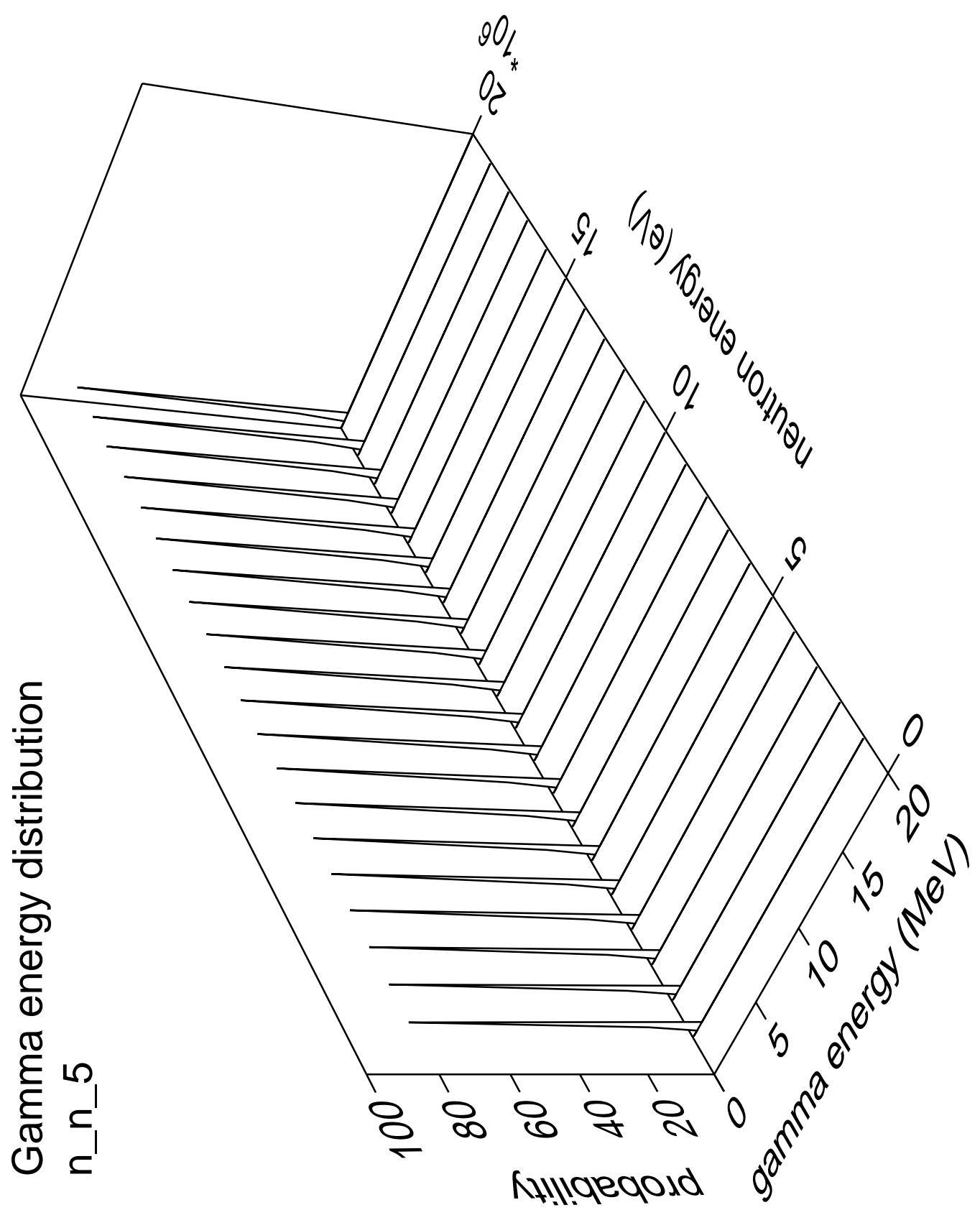
Gamma angles distribution

n\_n\_4



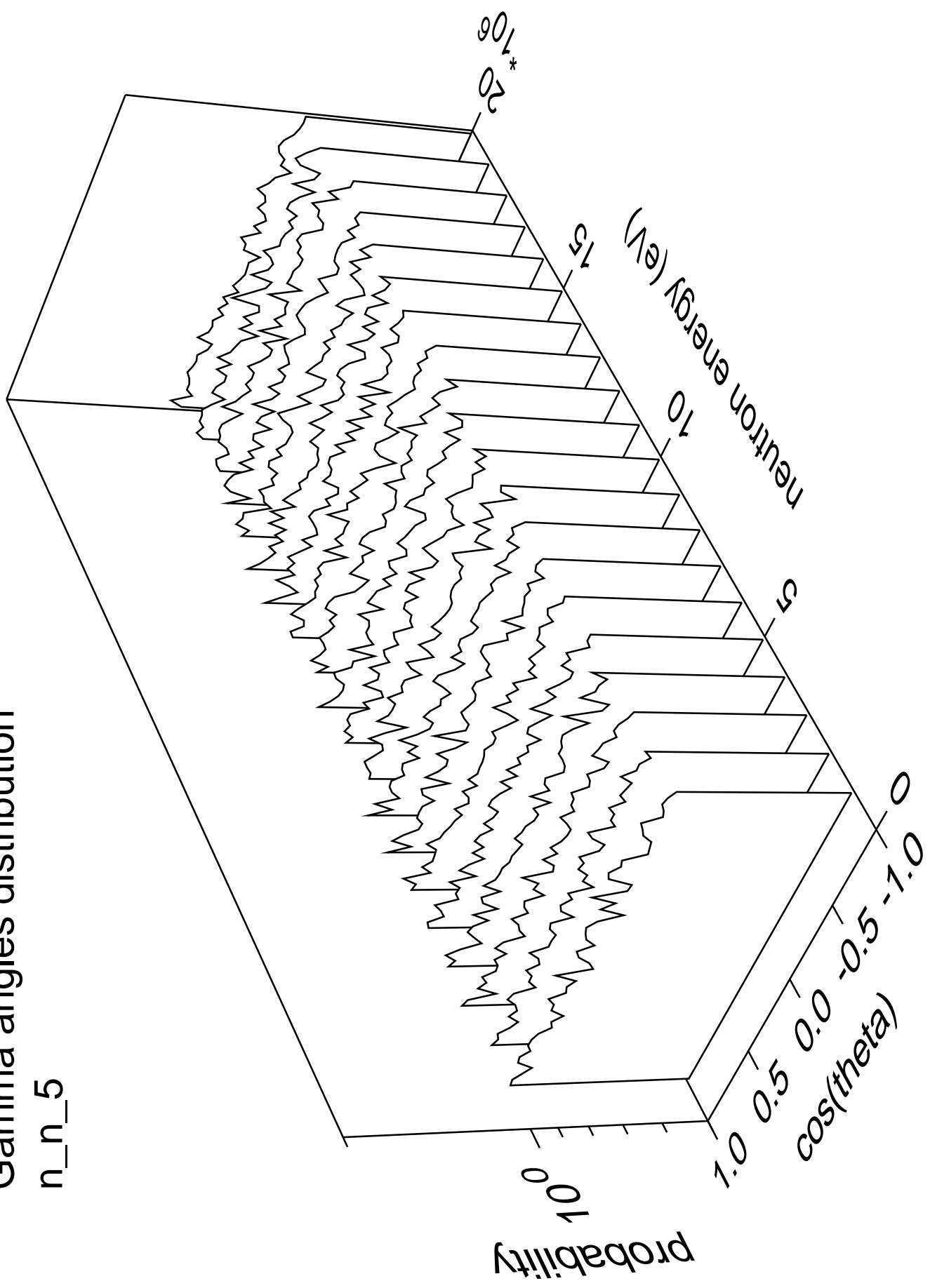
## Gamma multiplicities distribution

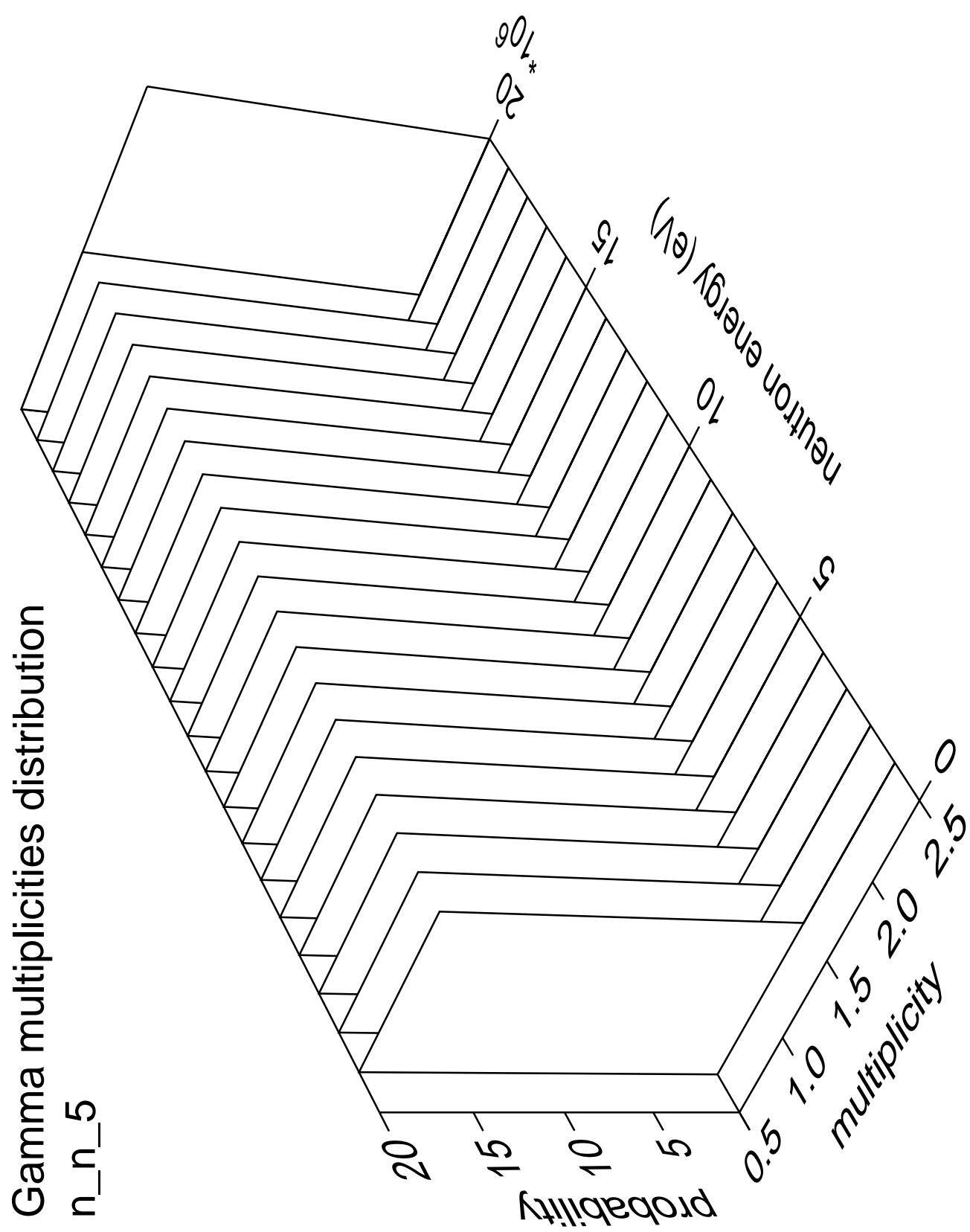


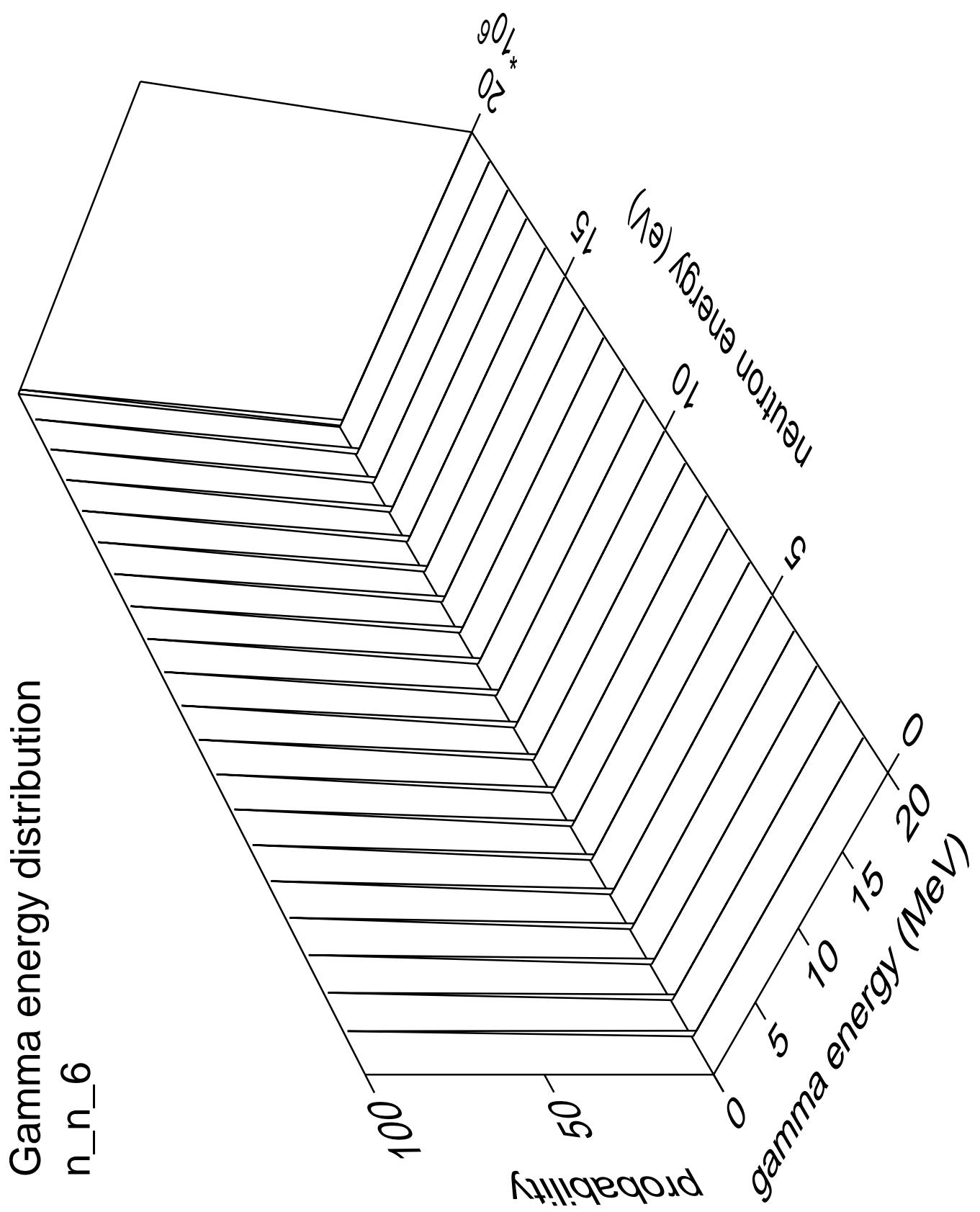


Gamma angles distribution

n\_n\_5

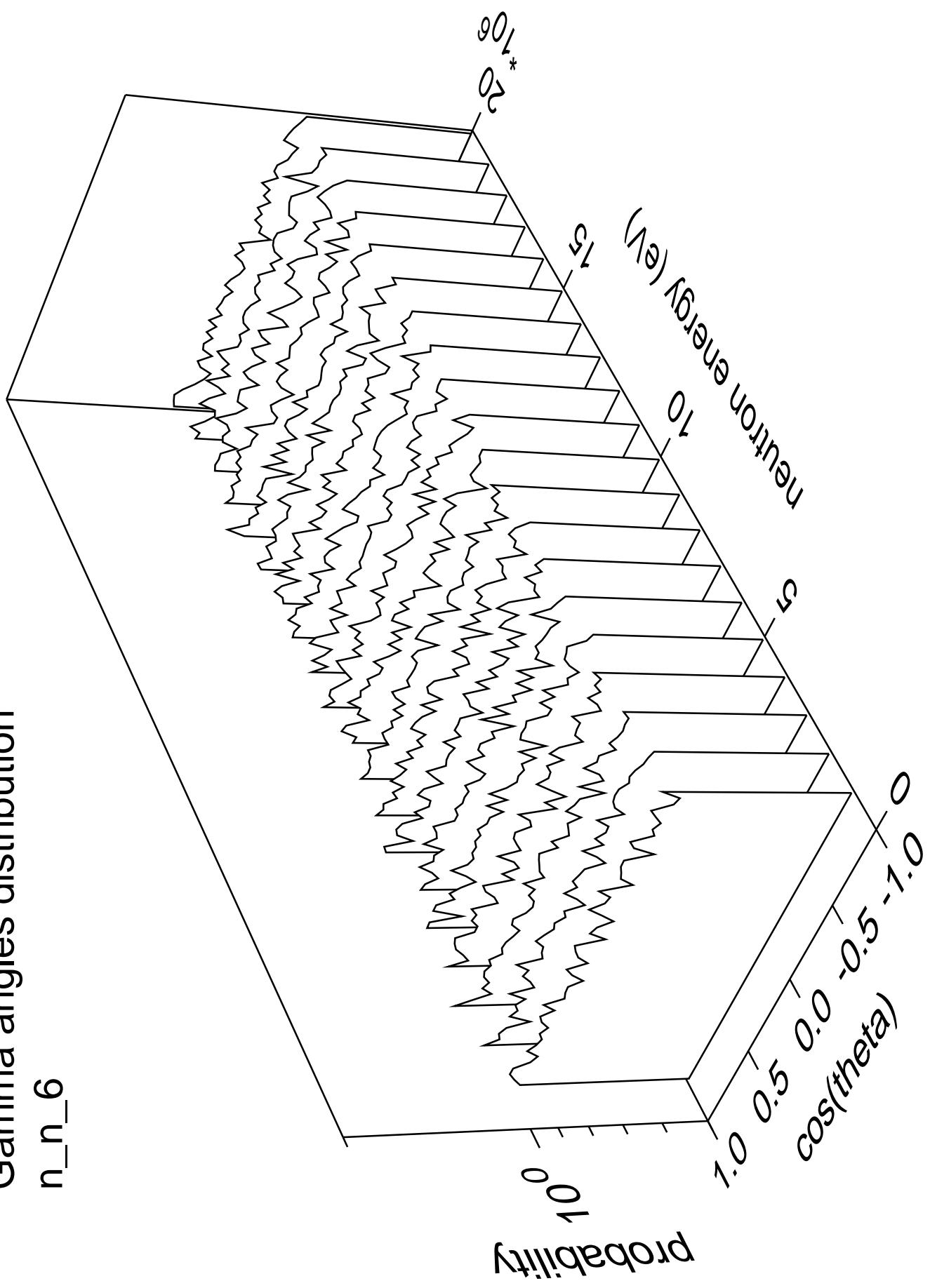




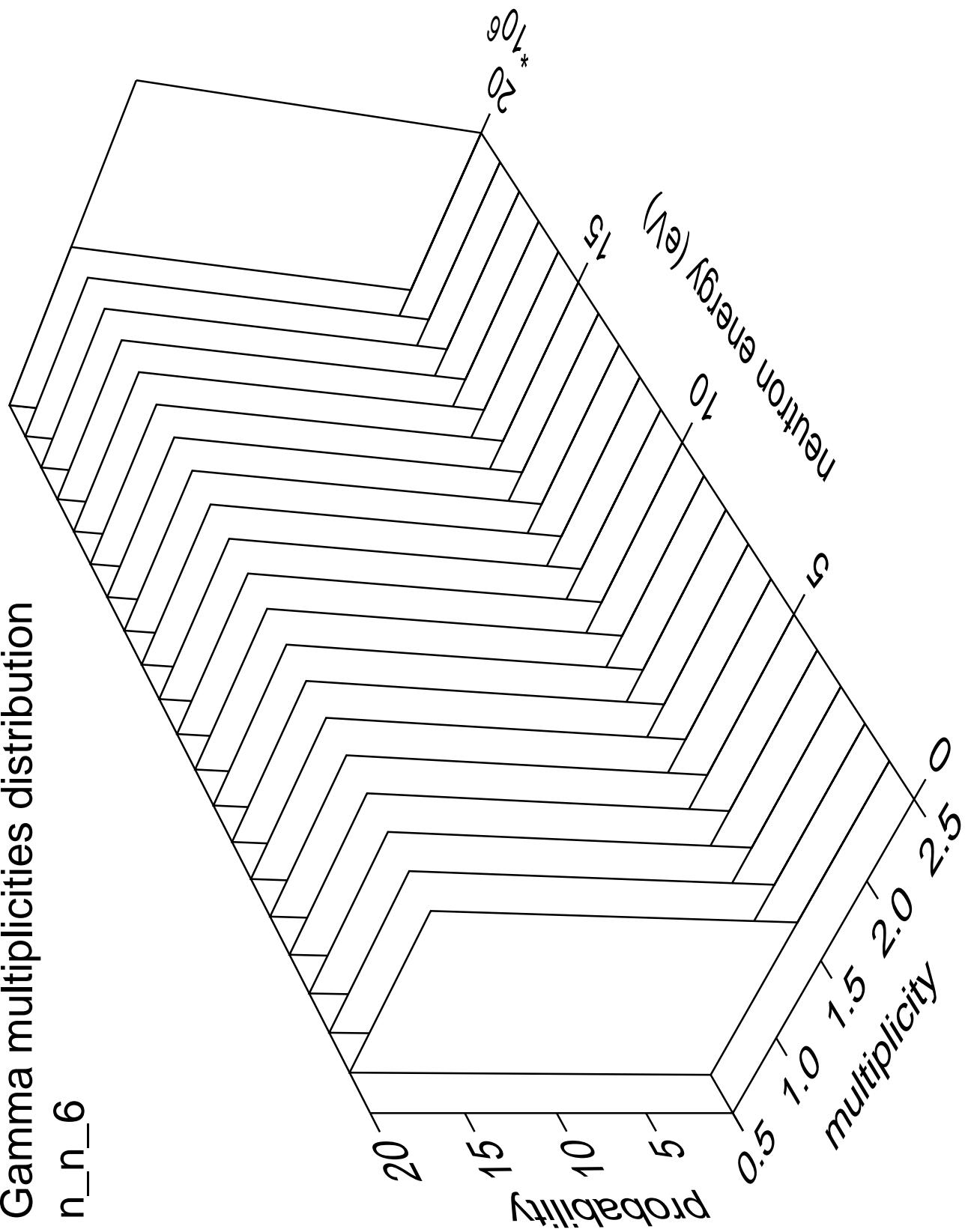


Gamma angles distribution

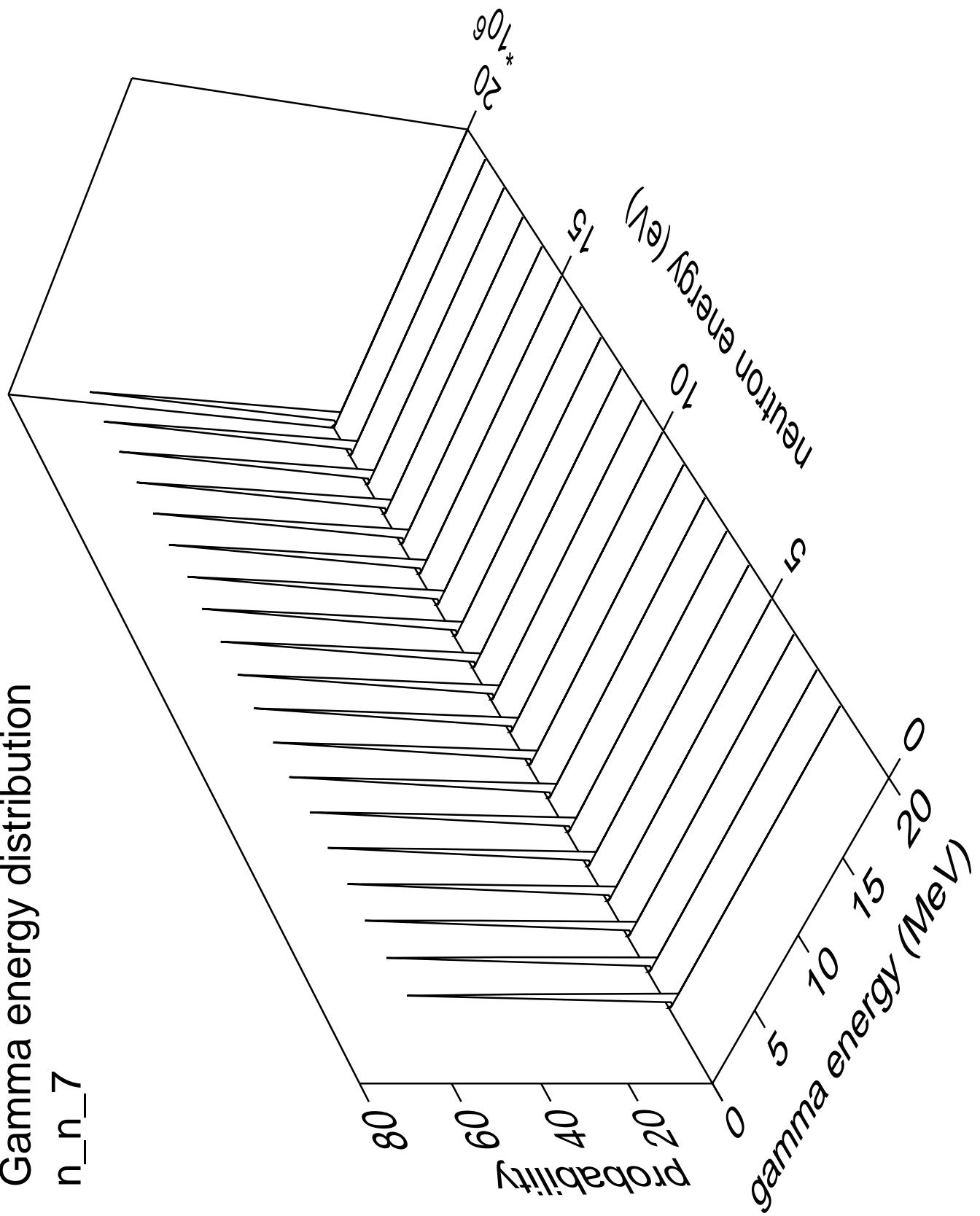
n\_n\_6



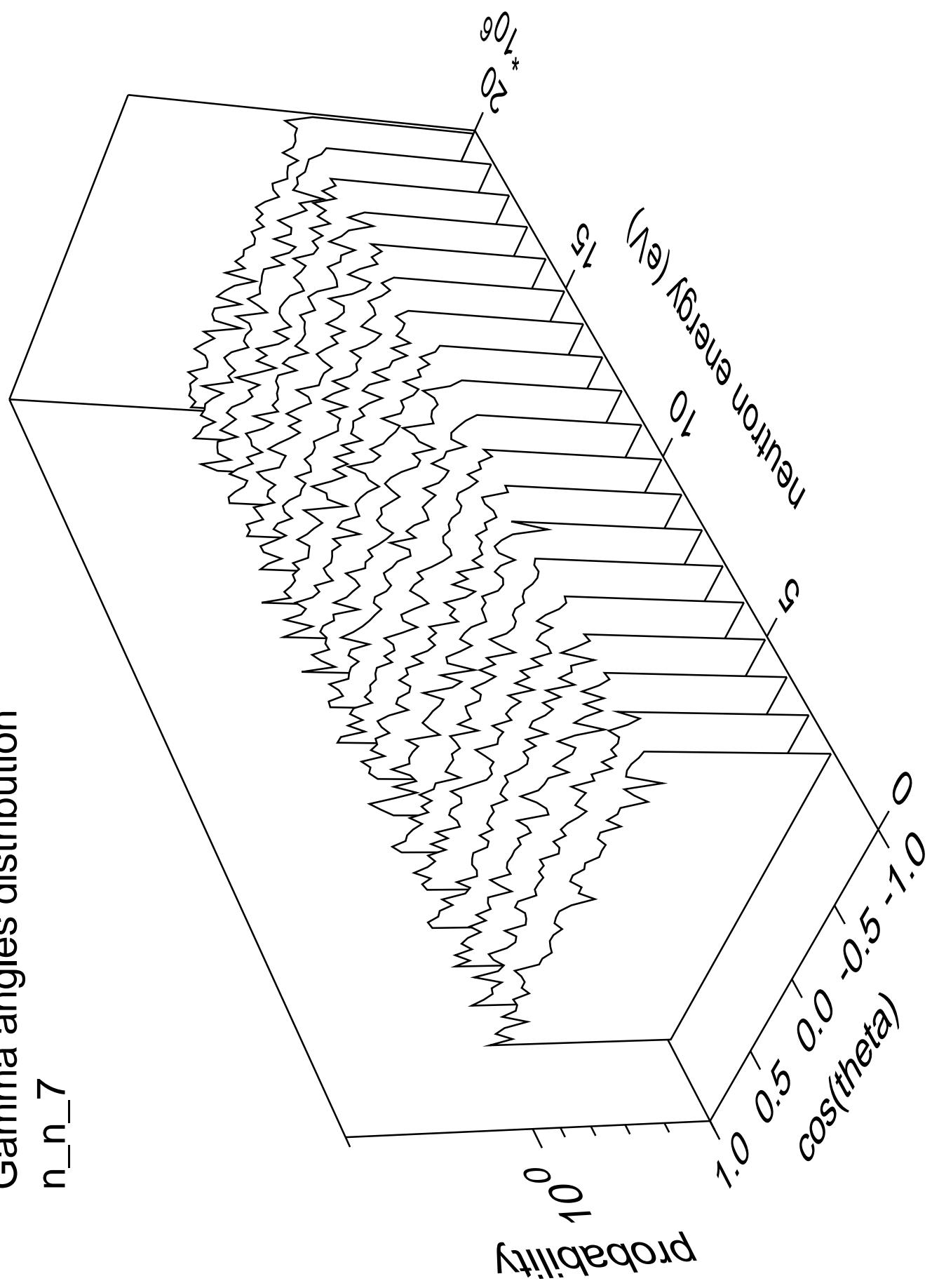
# Gamma multiplicities distribution



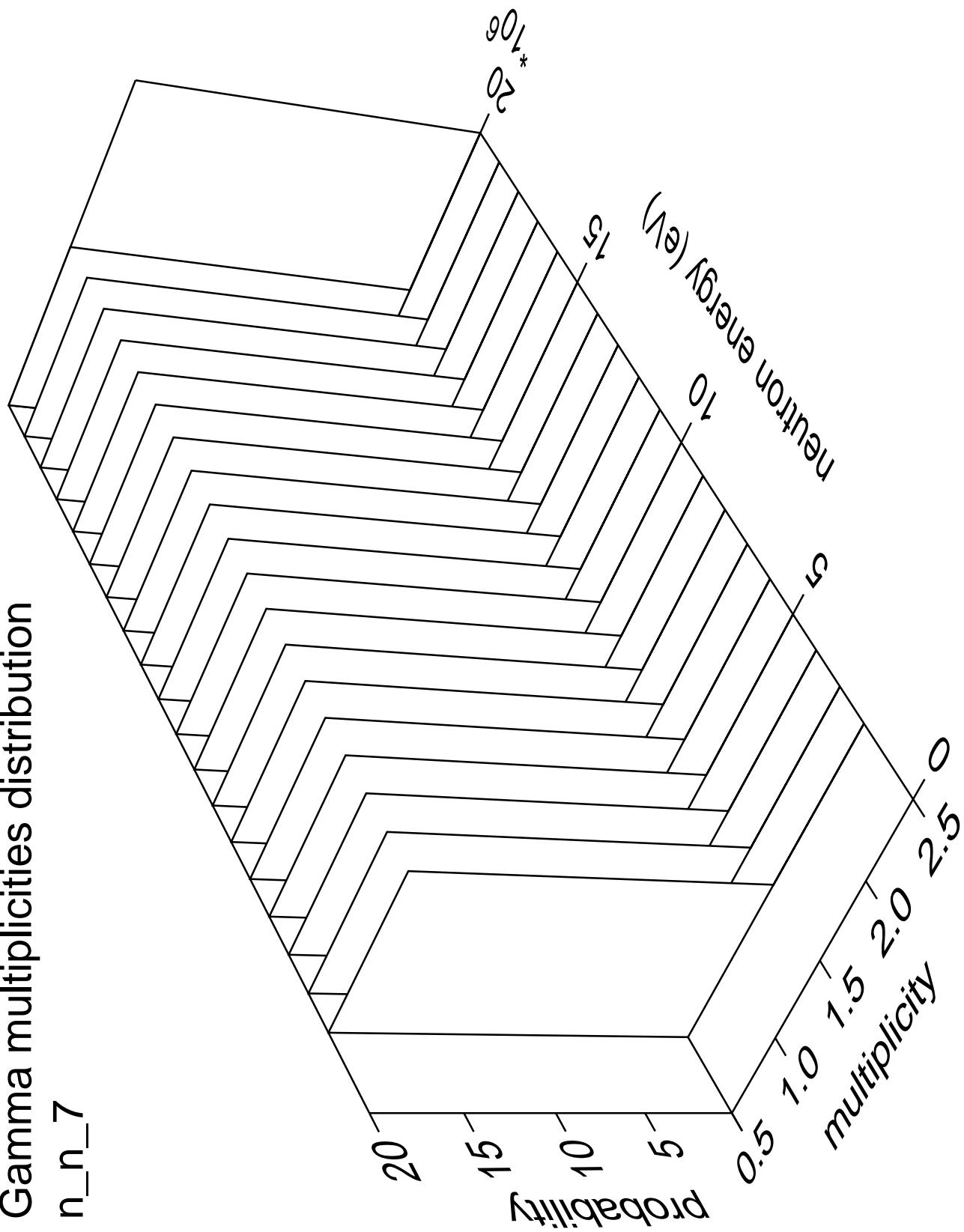
# Gamma energy distribution

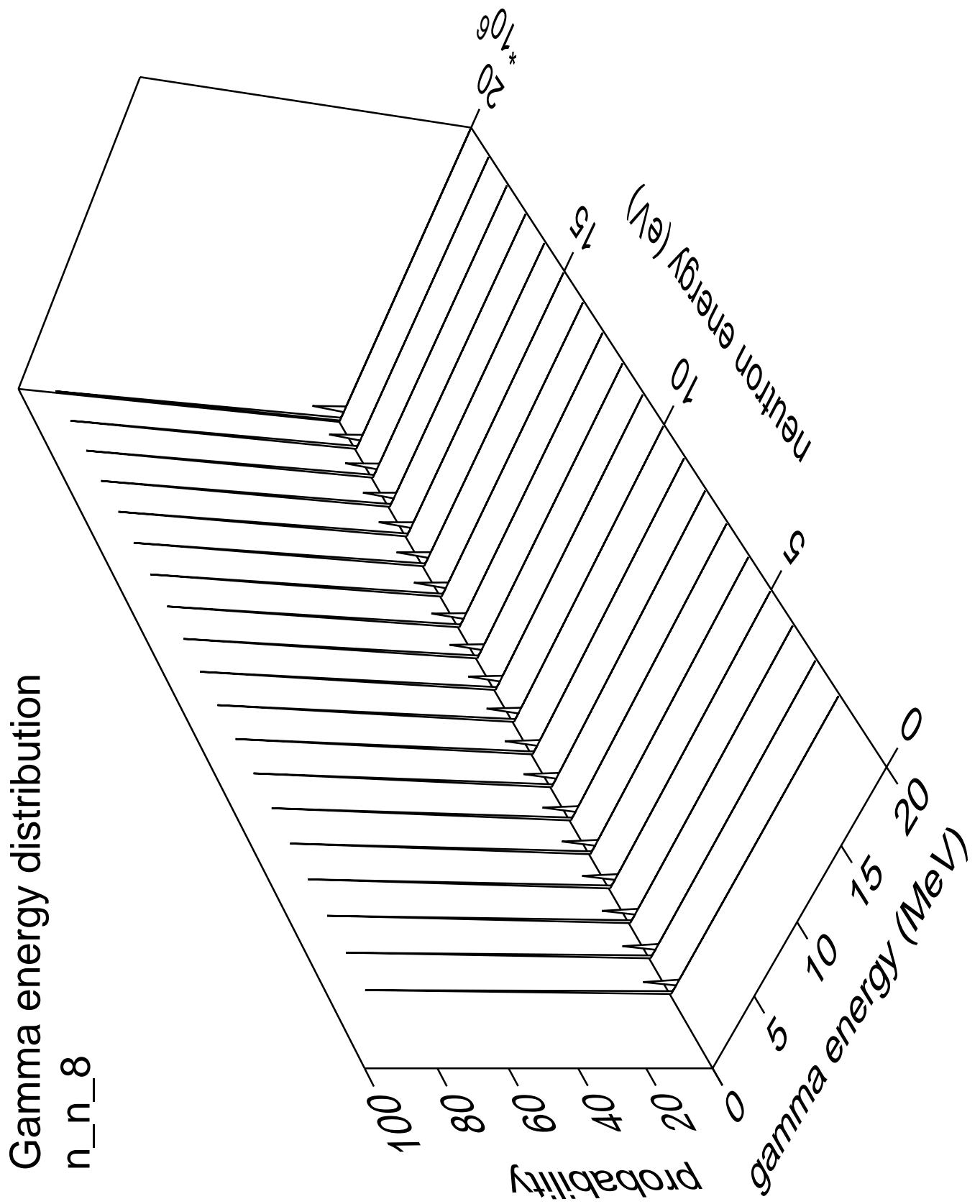


# Gamma angles distribution



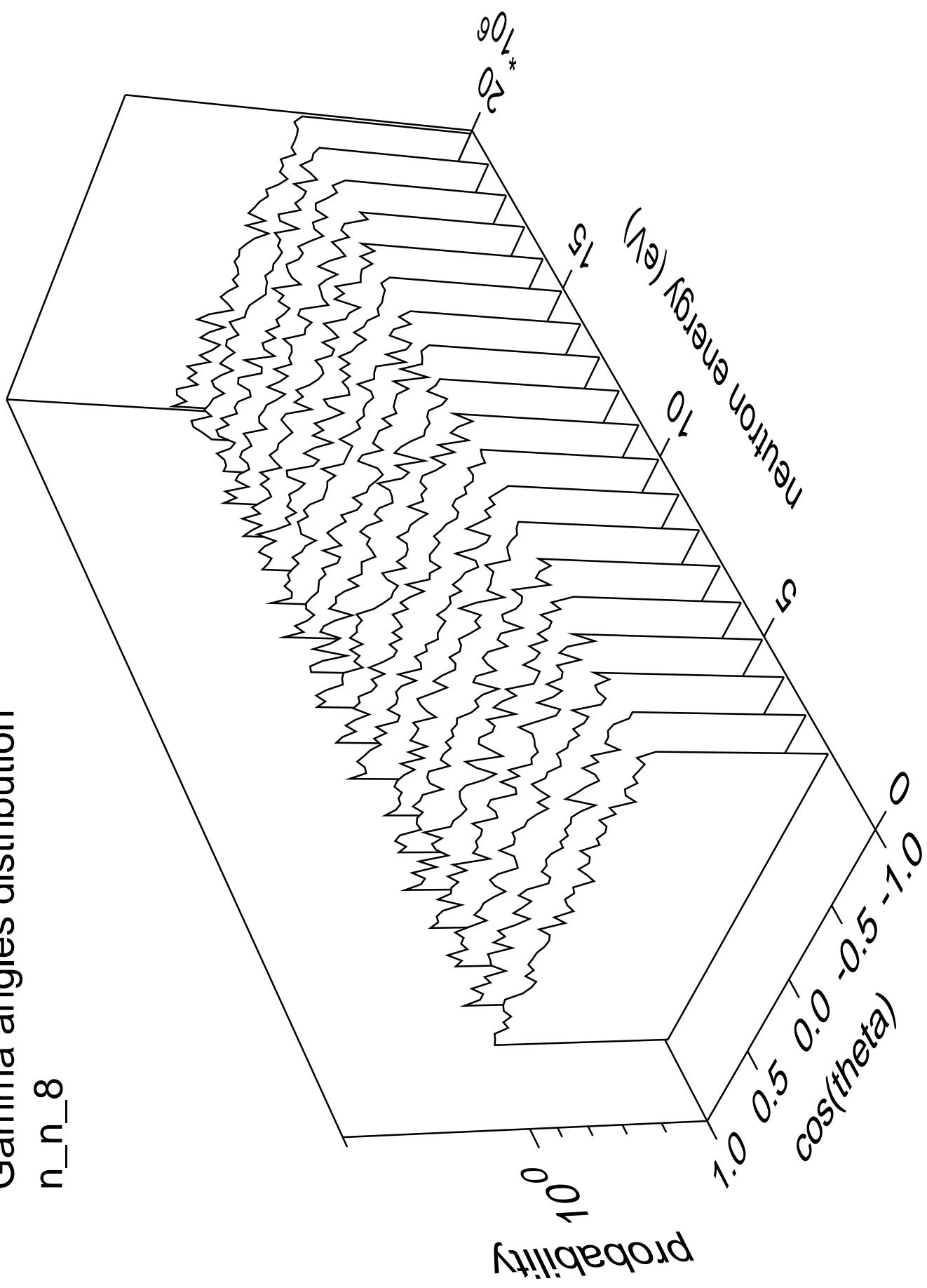
# Gamma multiplicities distribution

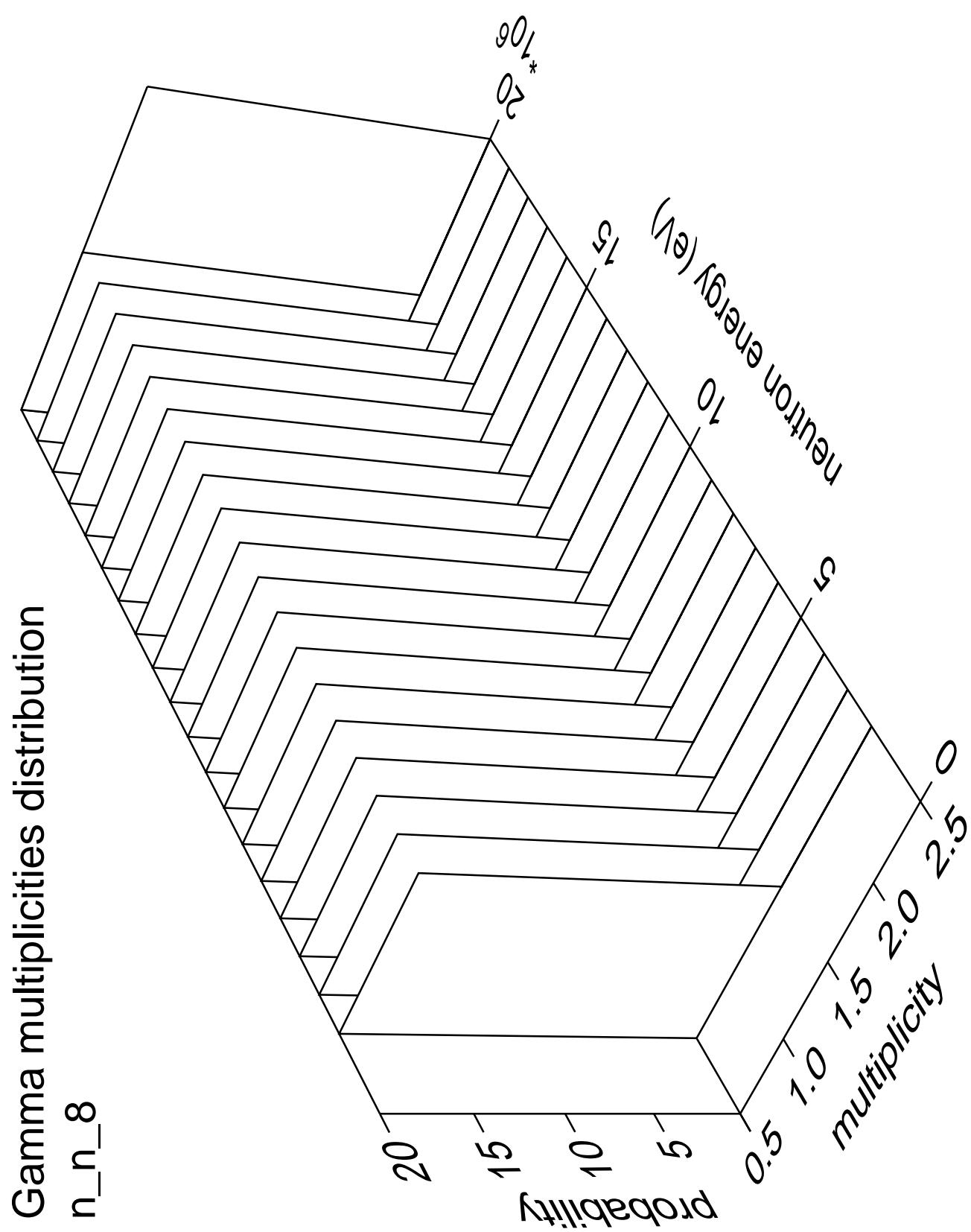




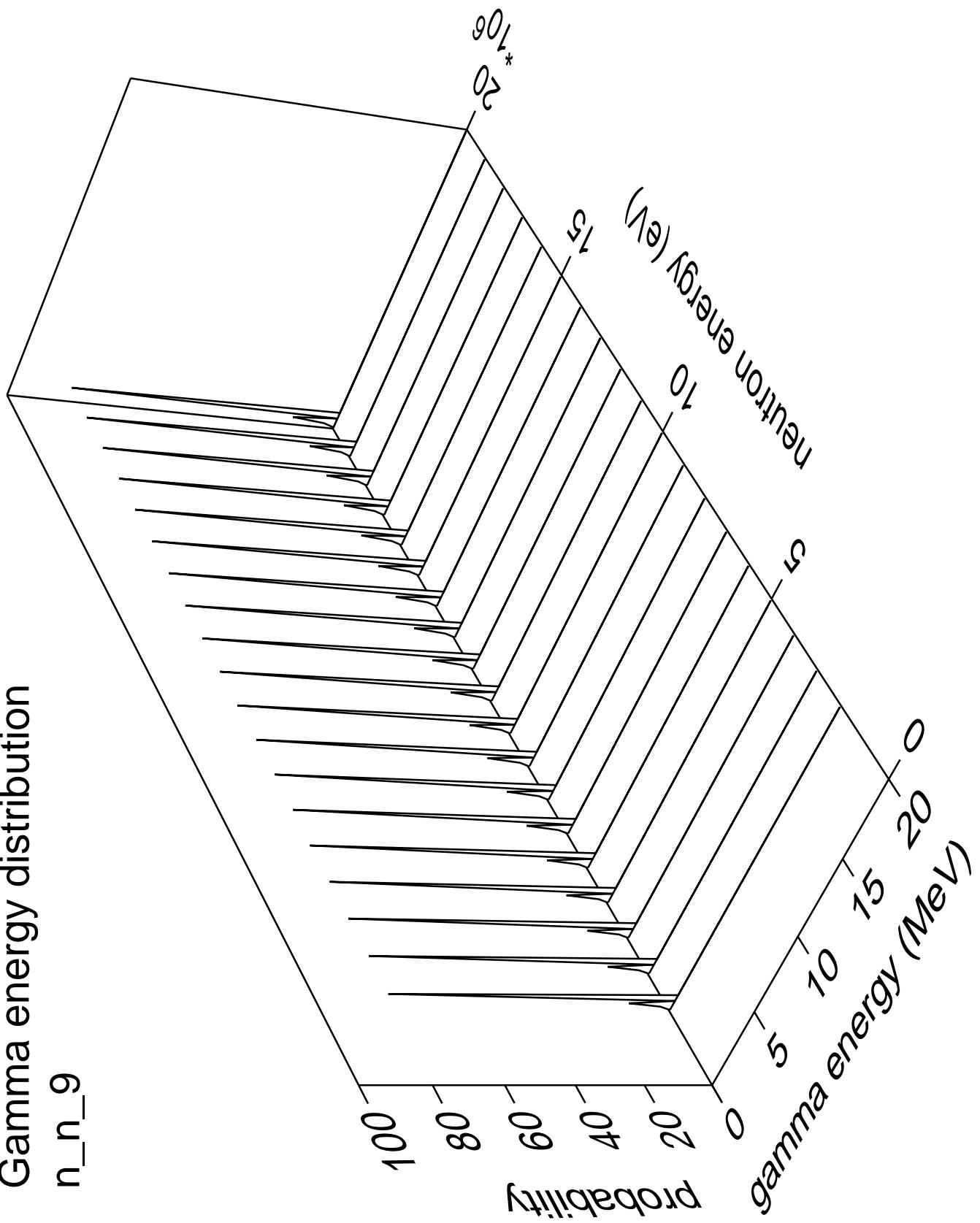
Gamma angles distribution

n\_n\_8



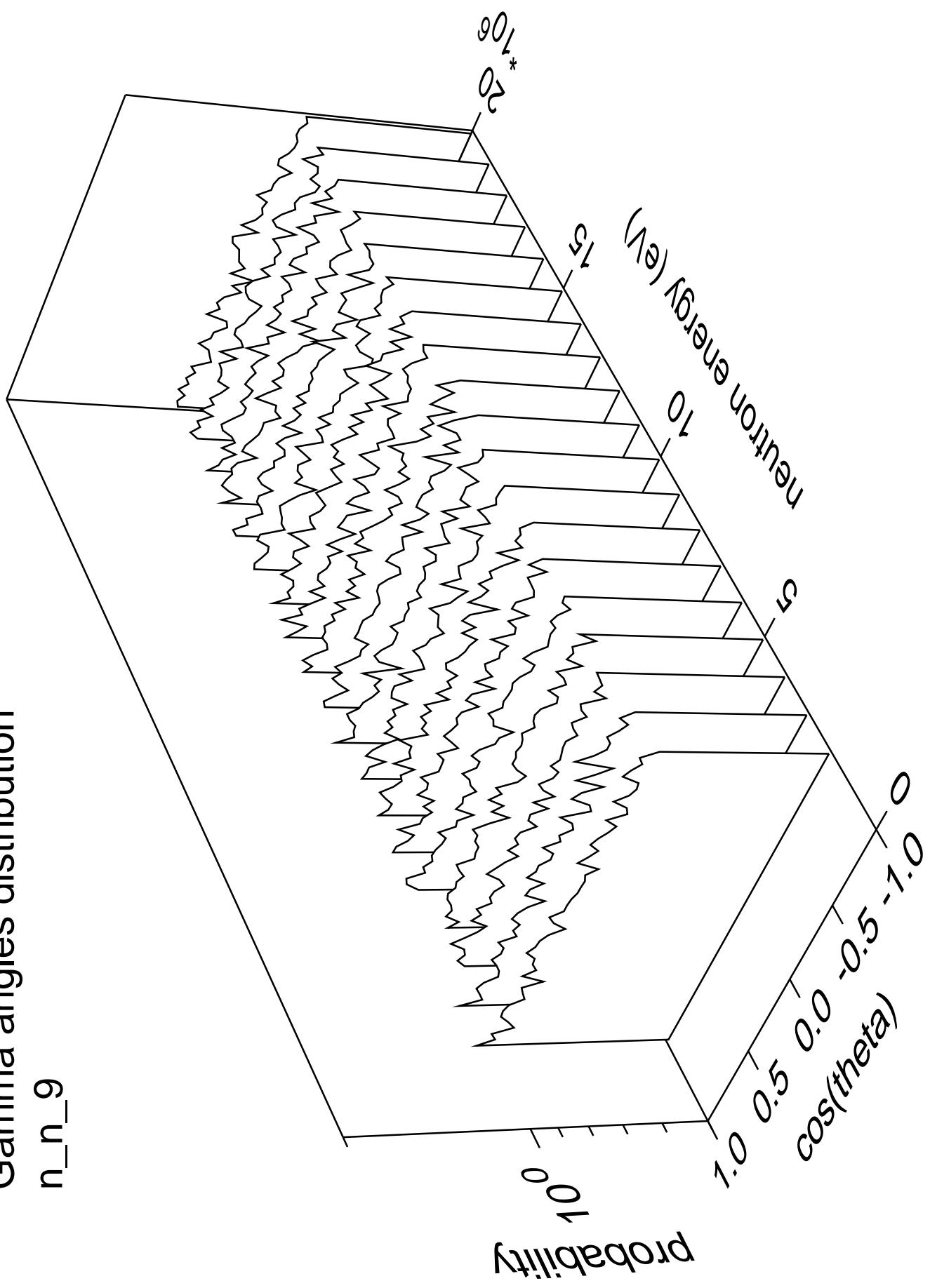


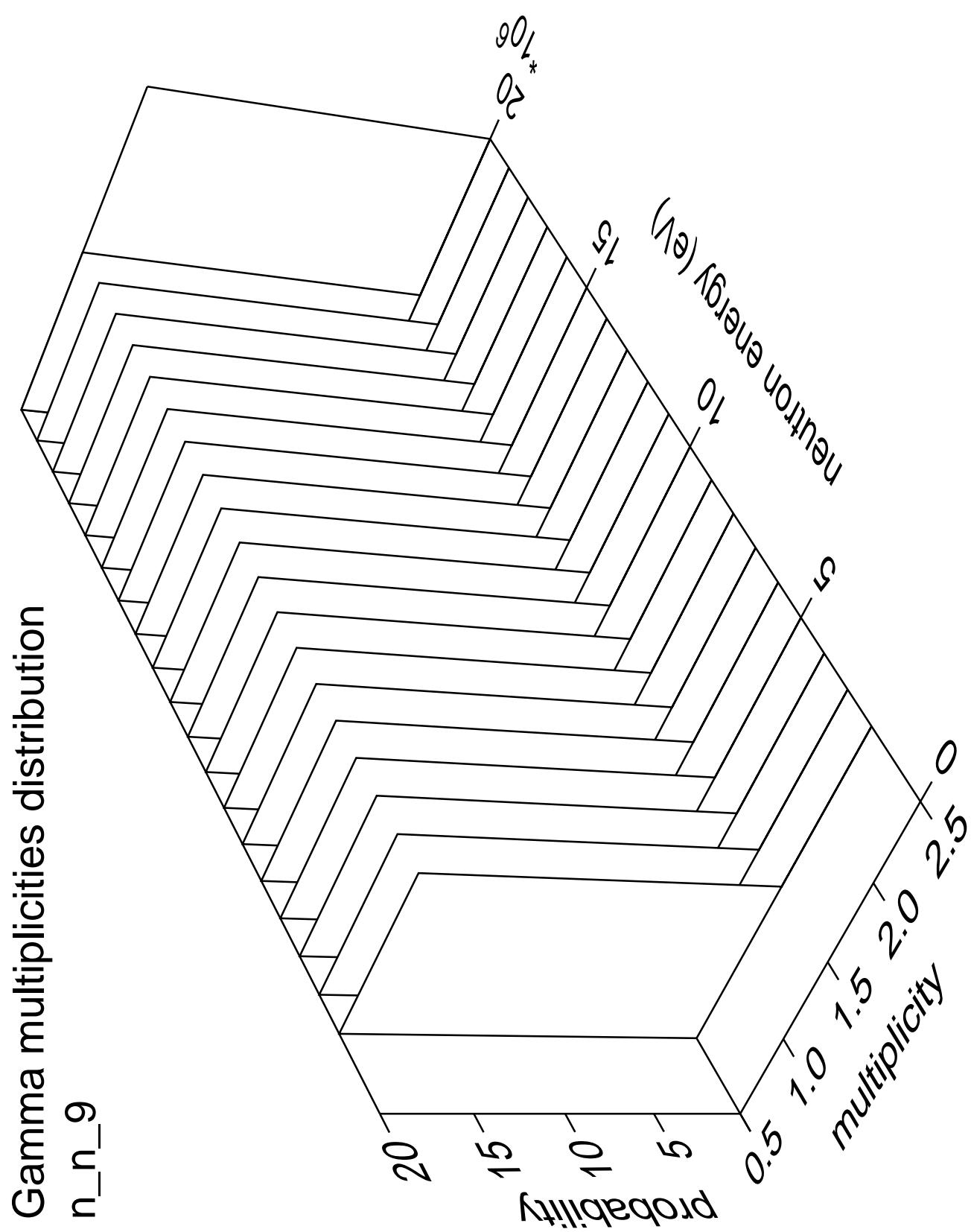
Gamma energy distribution  
n\_n\_9



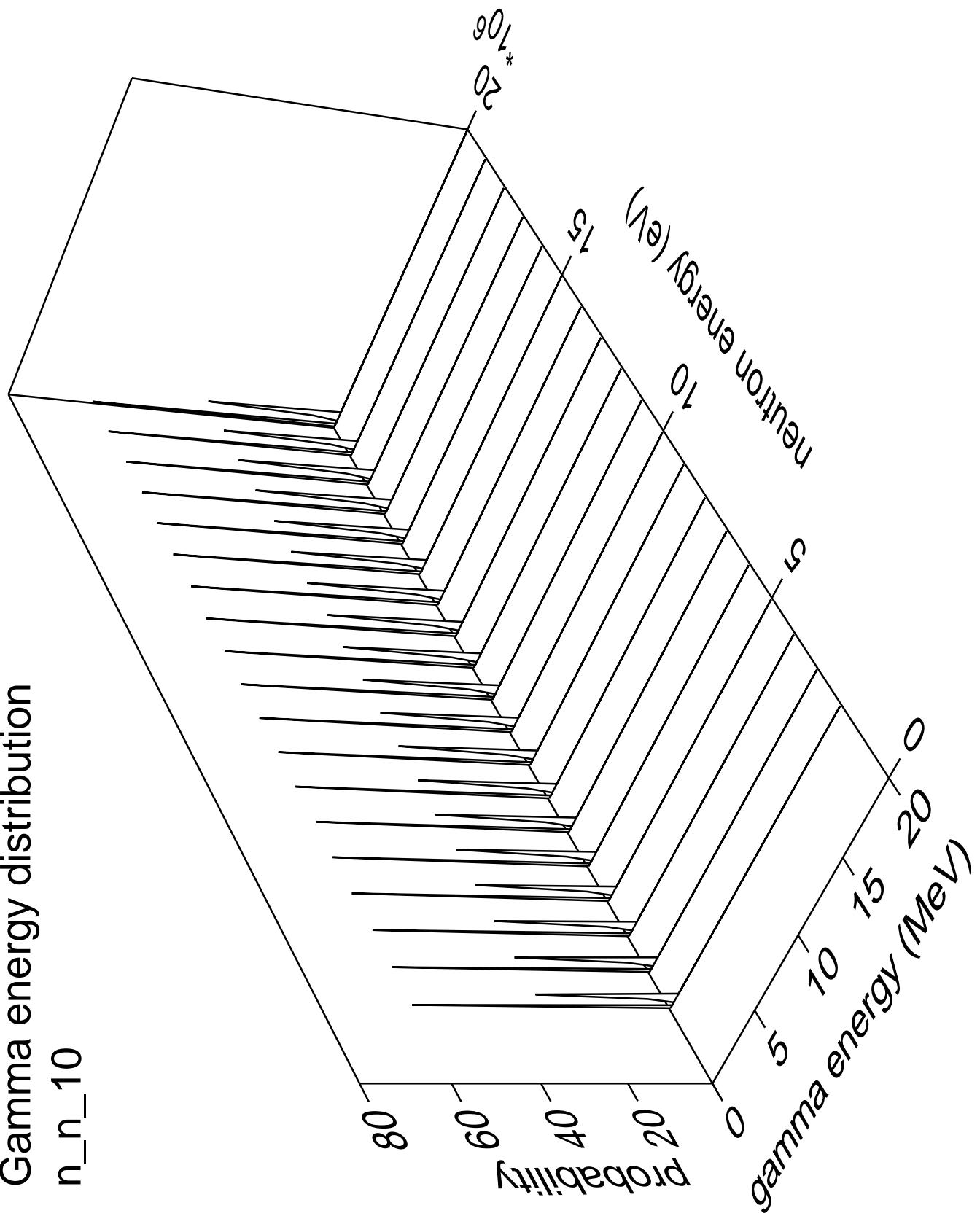
Gamma angles distribution

n\_n\_9



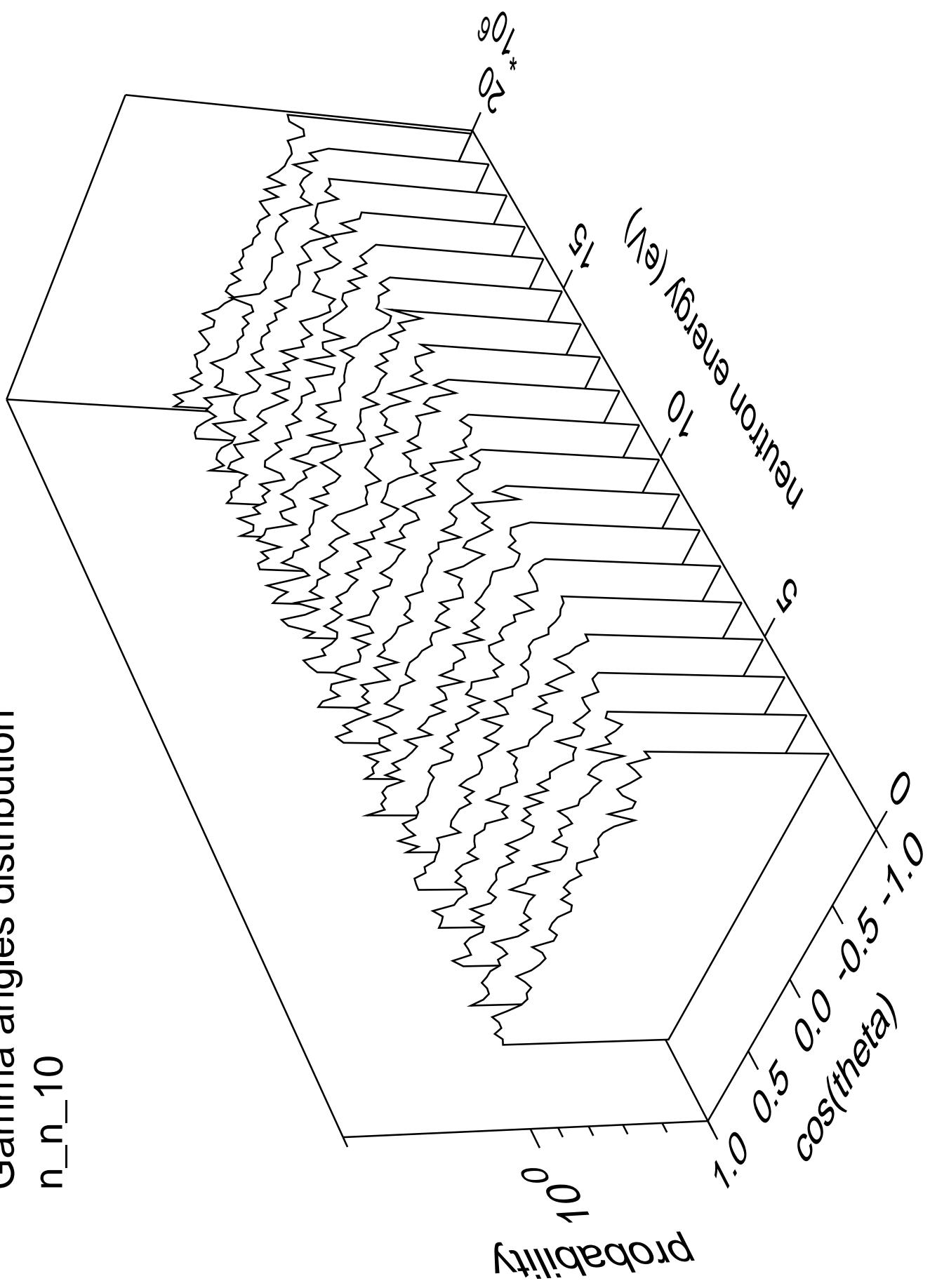


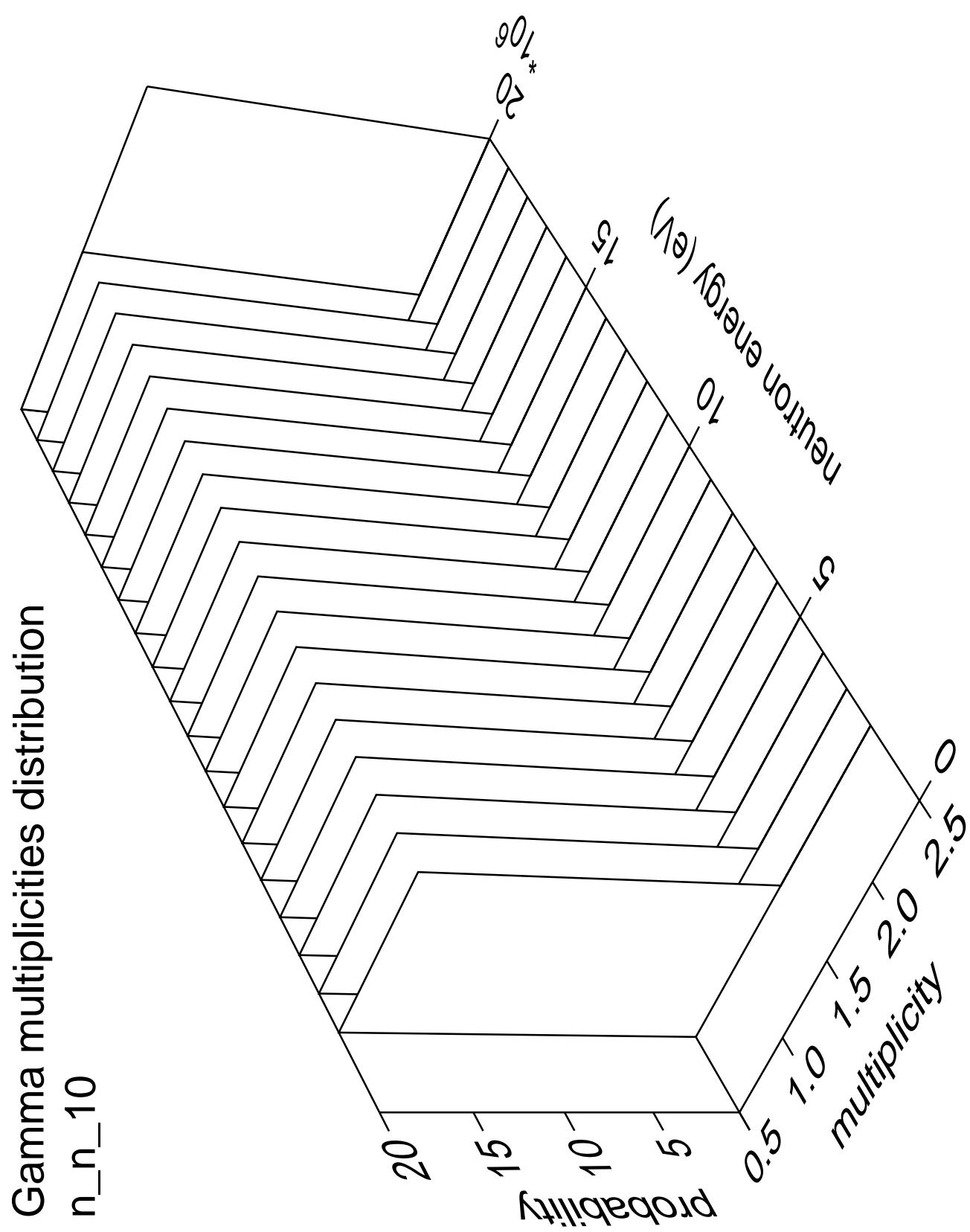
# Gamma energy distribution



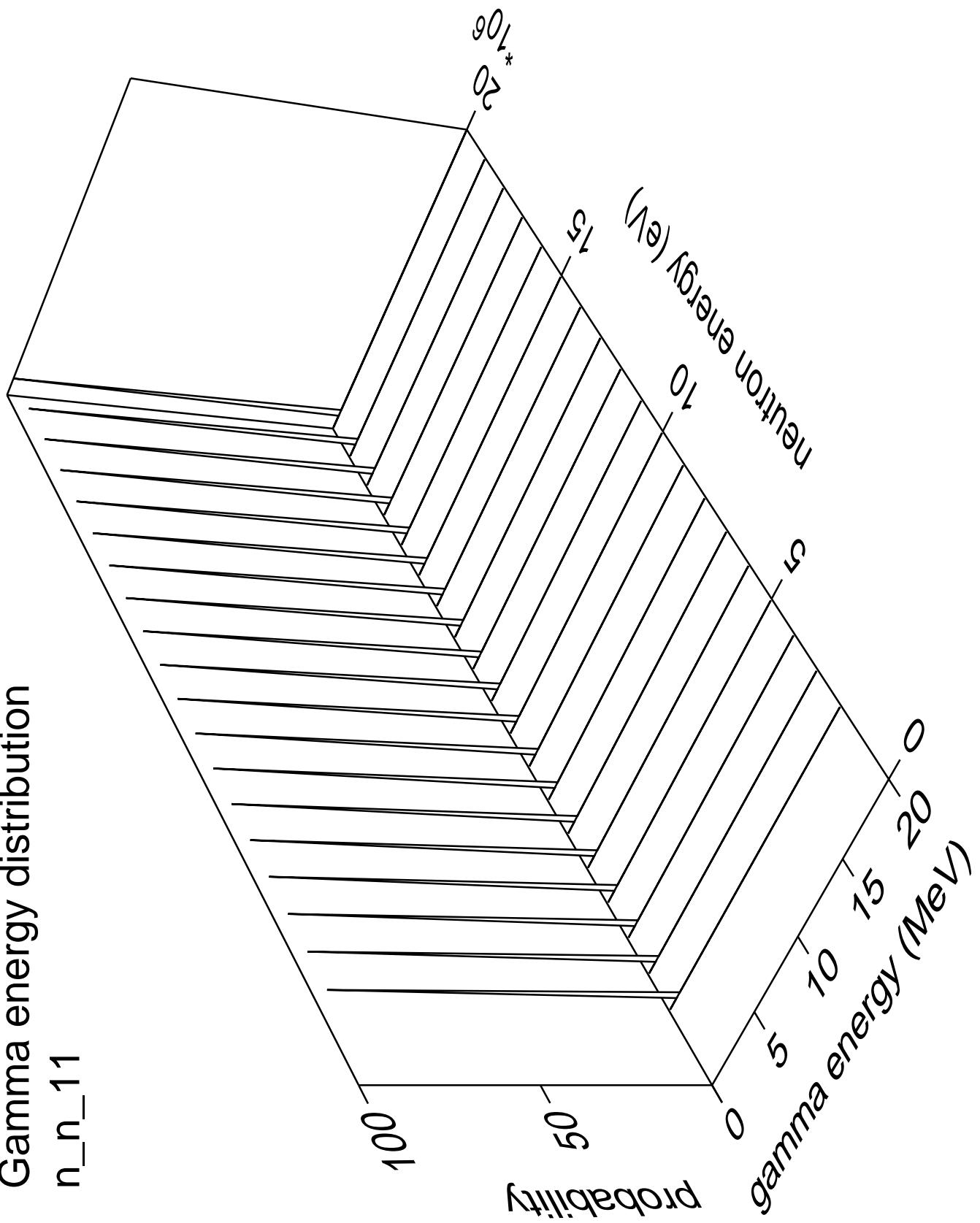
Gamma angles distribution

n\_n\_10



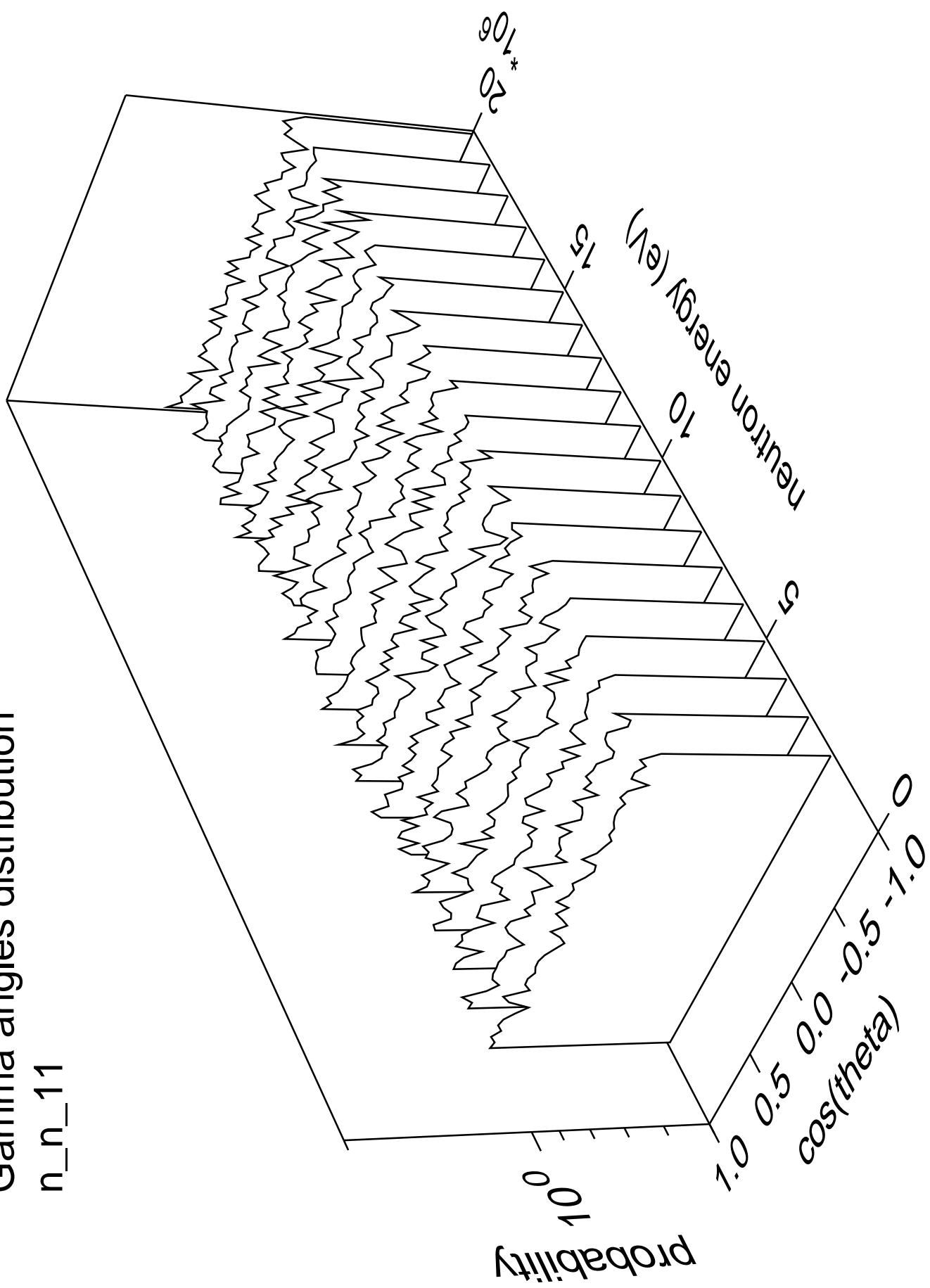


# Gamma energy distribution

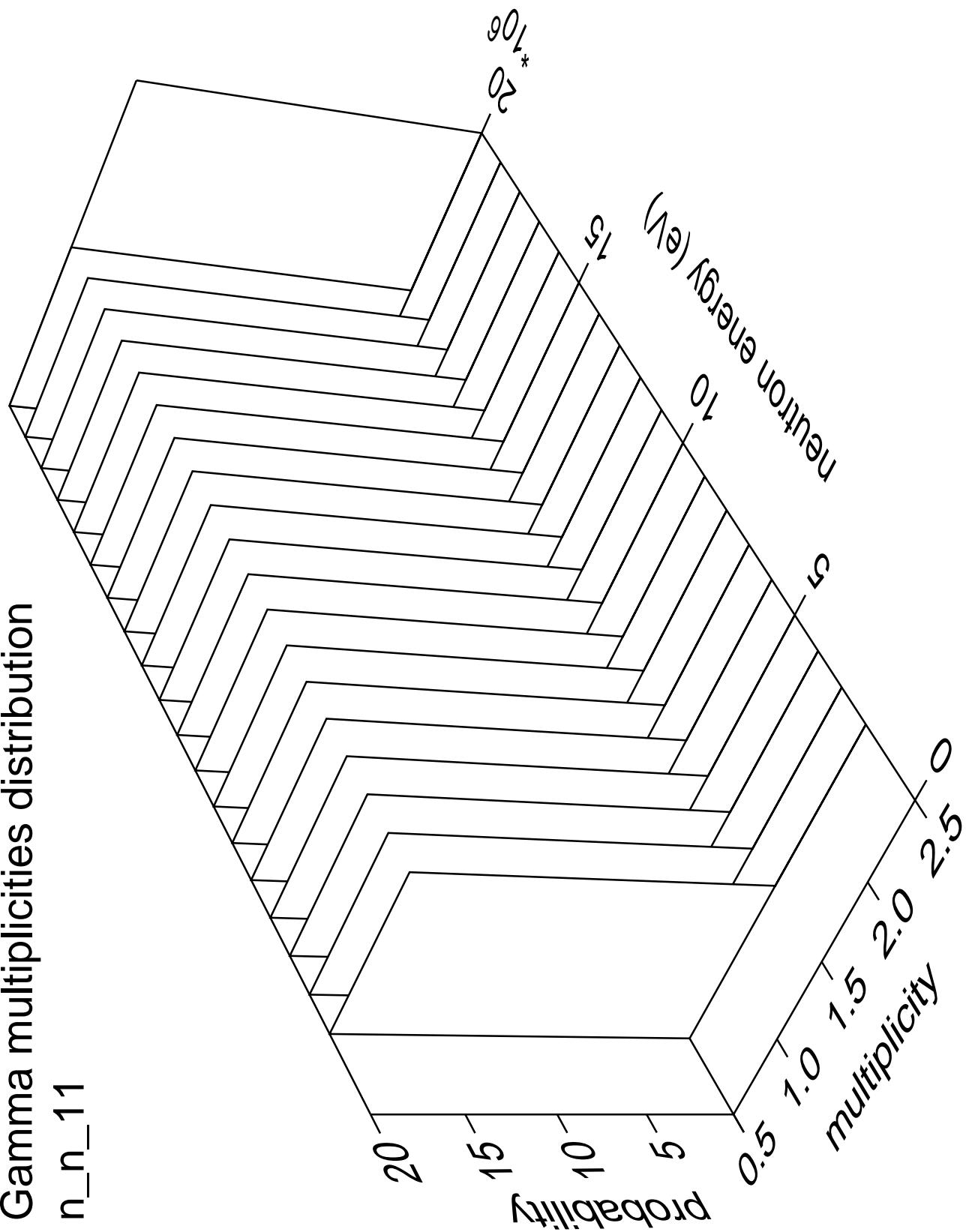


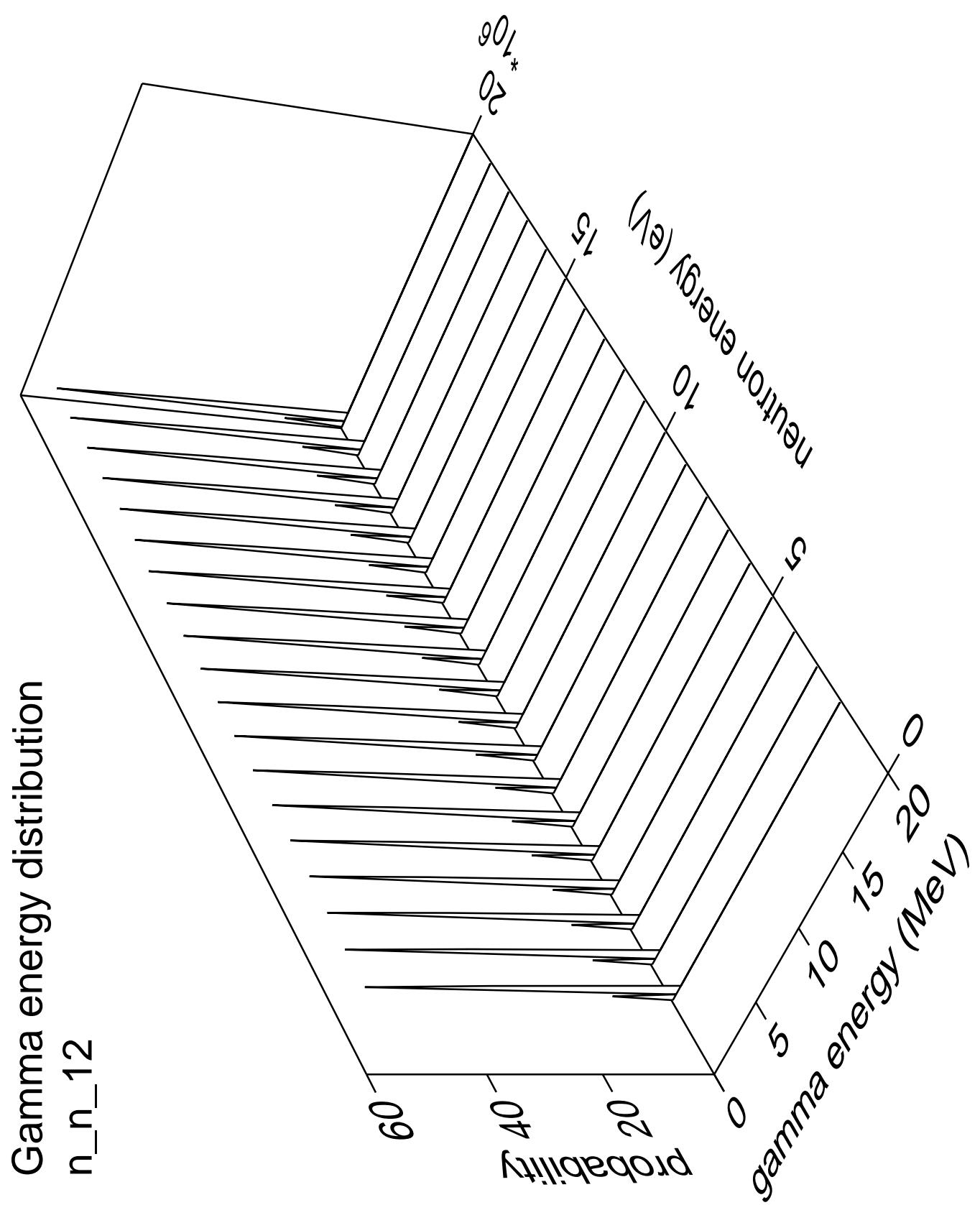
Gamma angles distribution

n\_n\_11



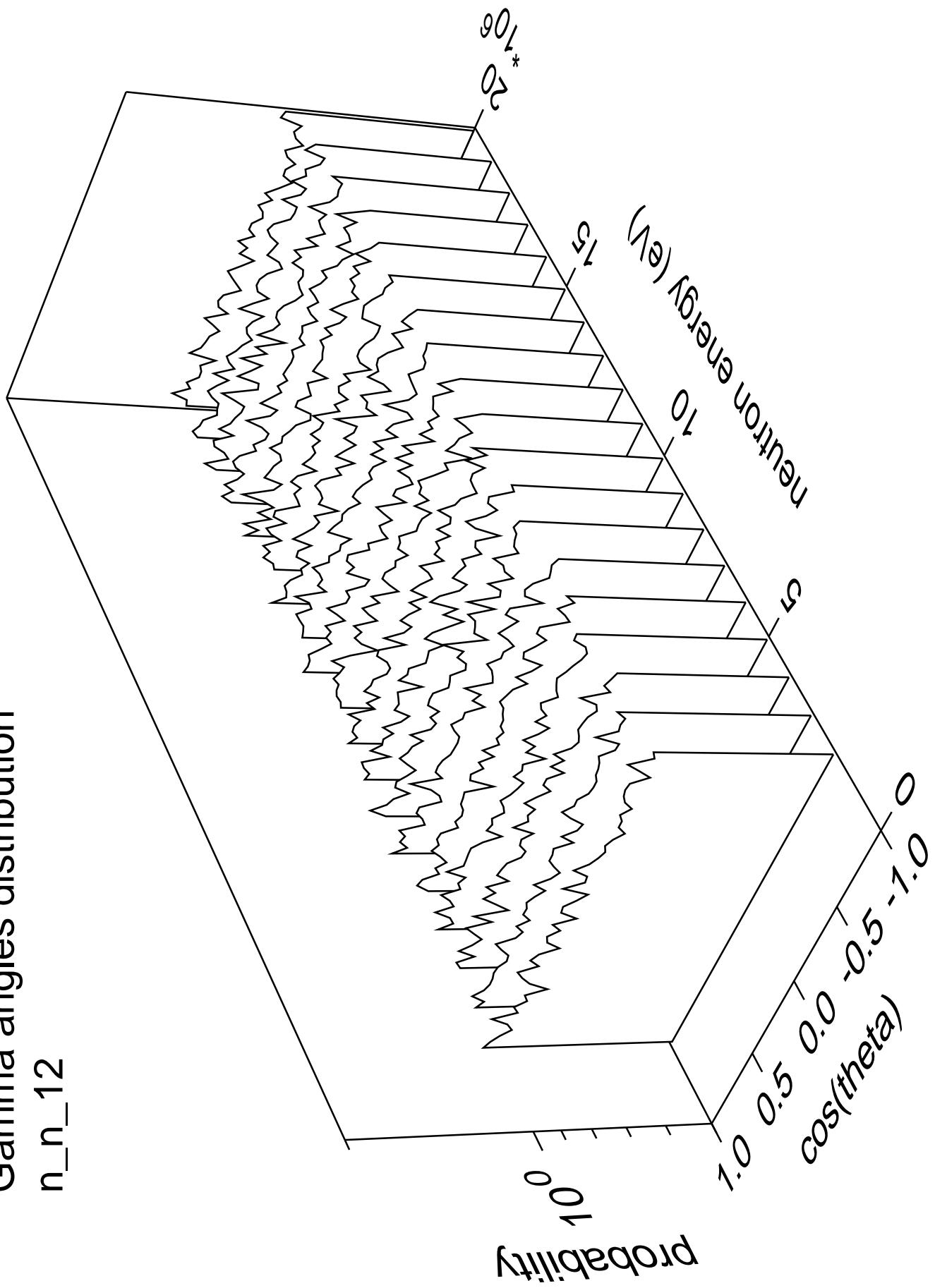
# Gamma multiplicities distribution



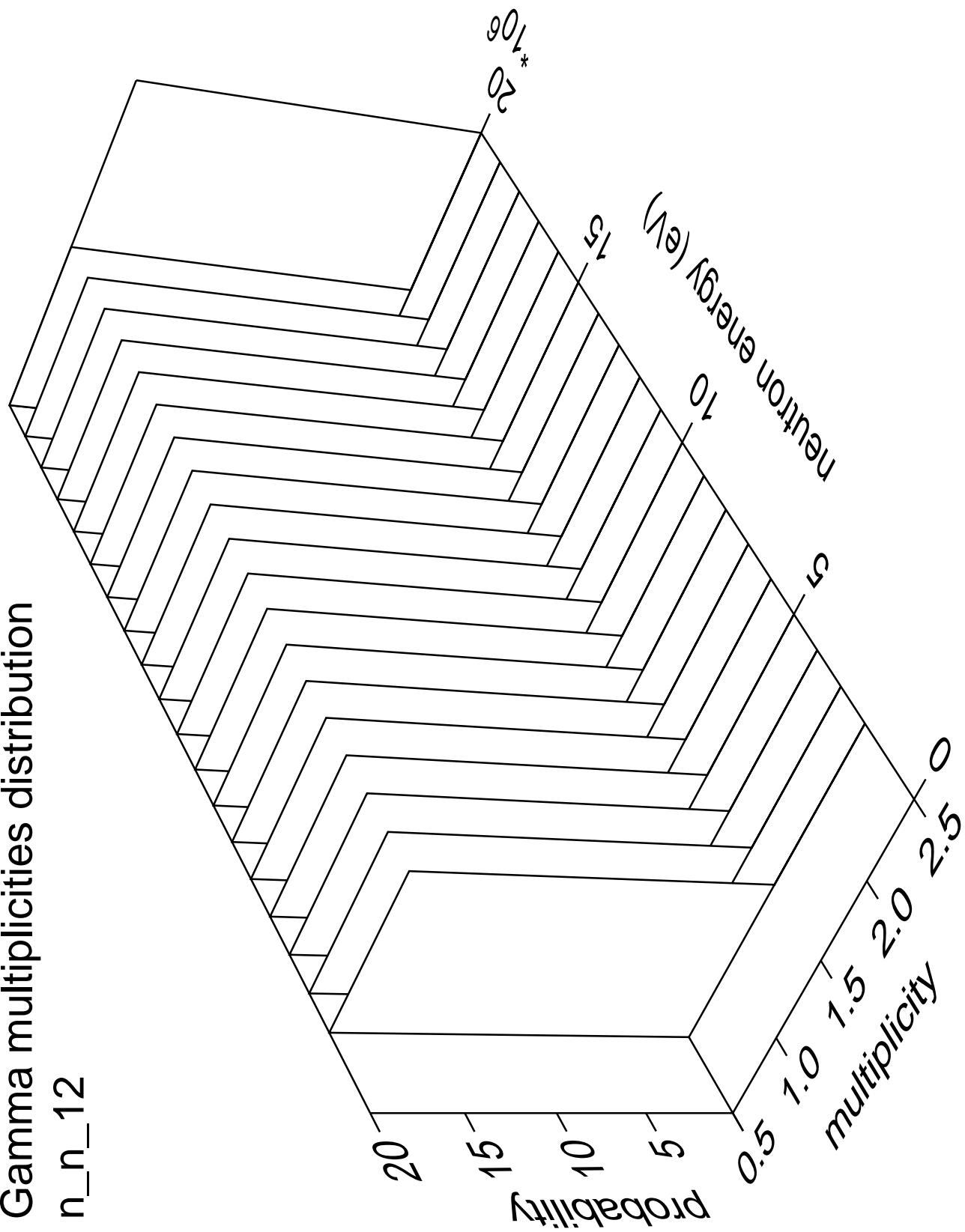


# Gamma angles distribution

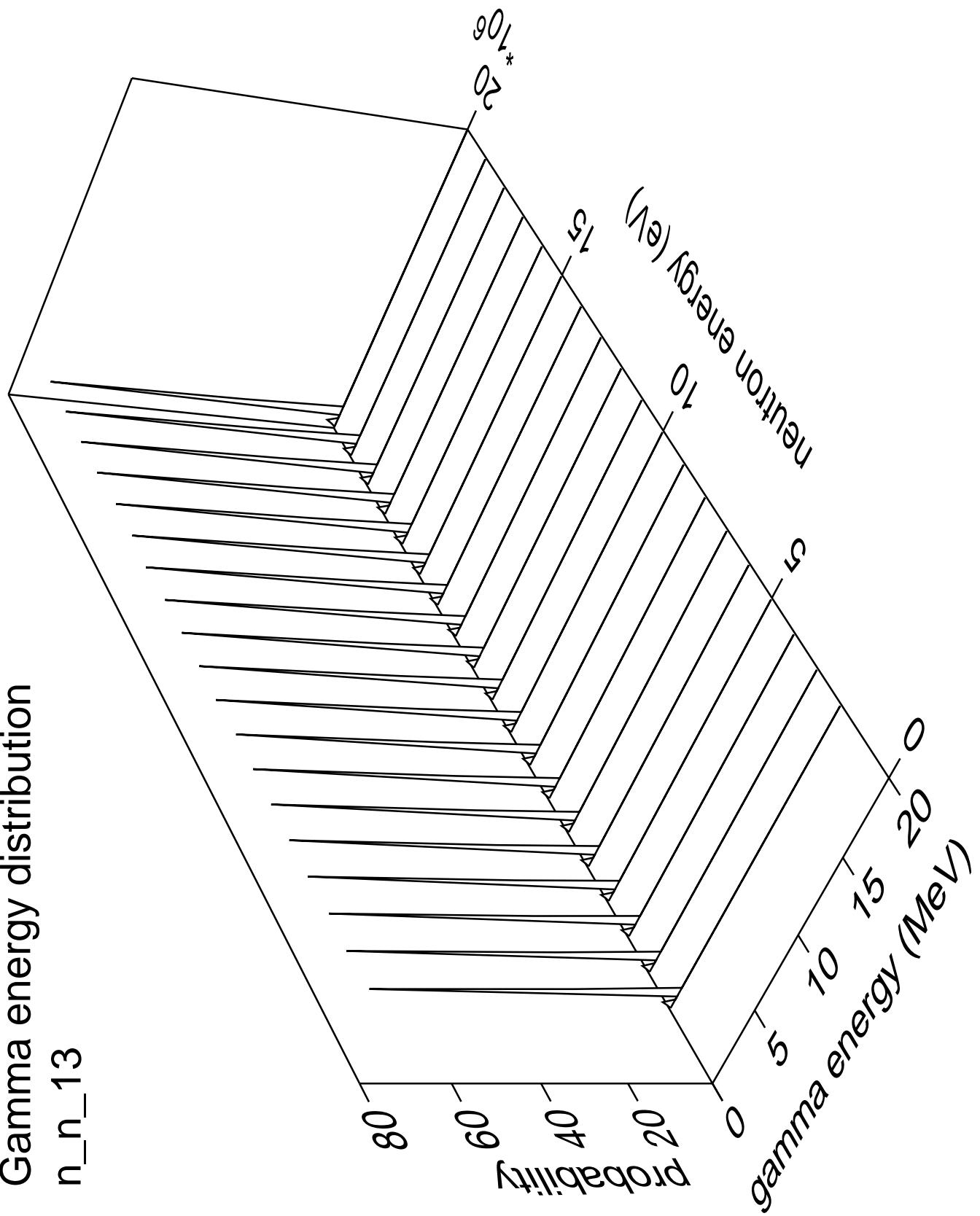
$n_{n\_12}$



## Gamma multiplicities distribution

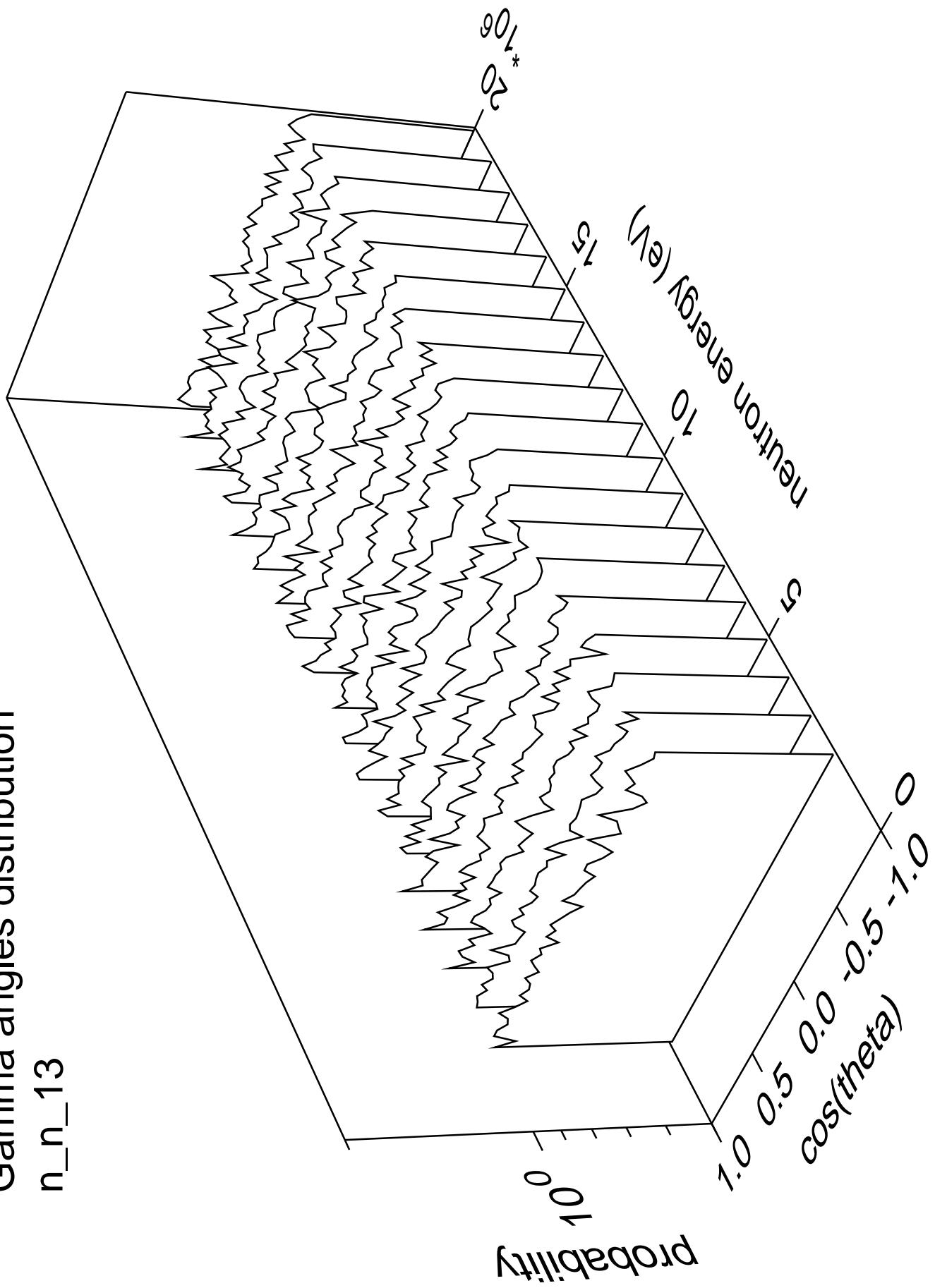


# Gamma energy distribution $n_{n\_13}$

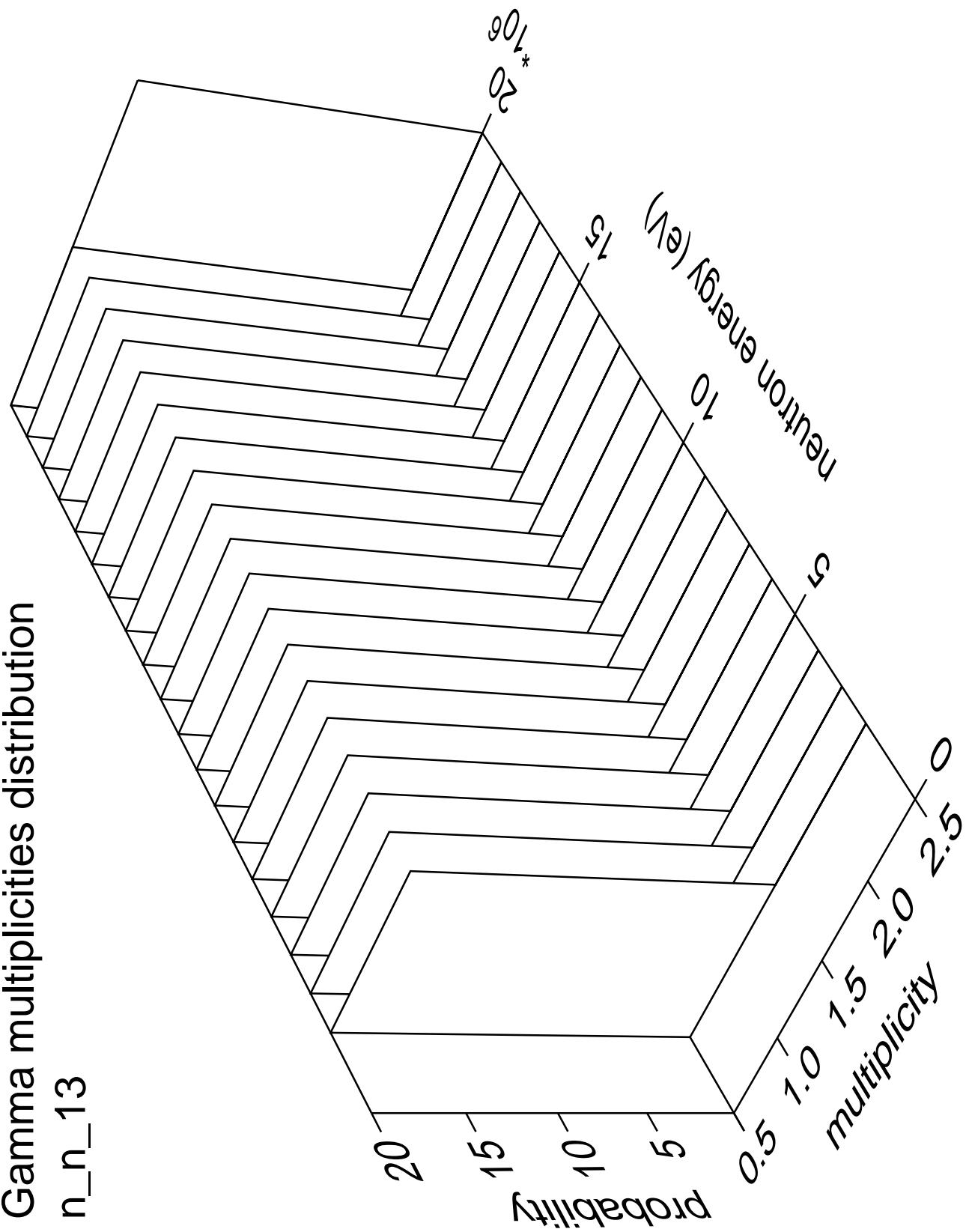


# Gamma angles distribution

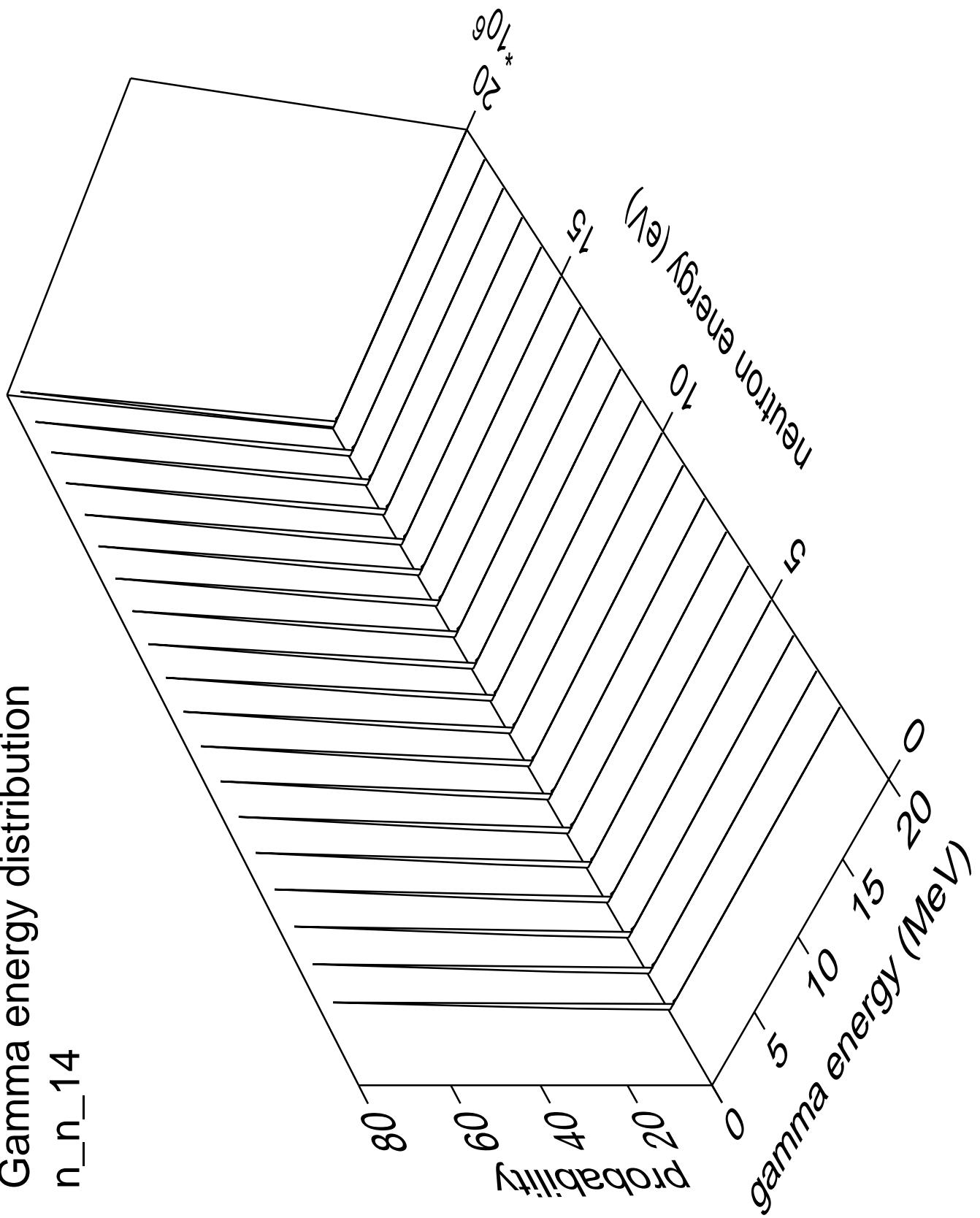
n\_n\_13



# Gamma multiplicities distribution

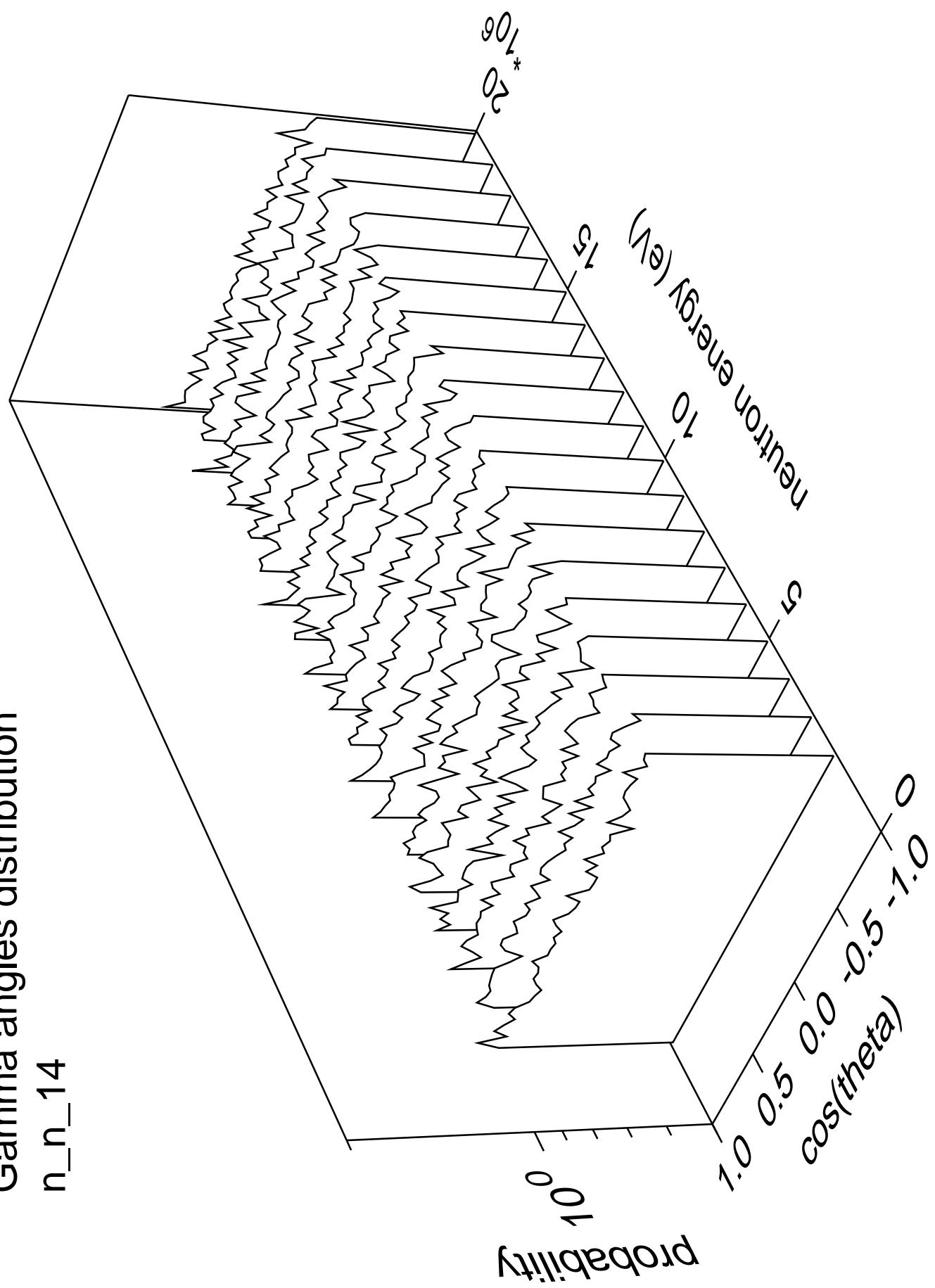


# Gamma energy distribution n\_n\_14

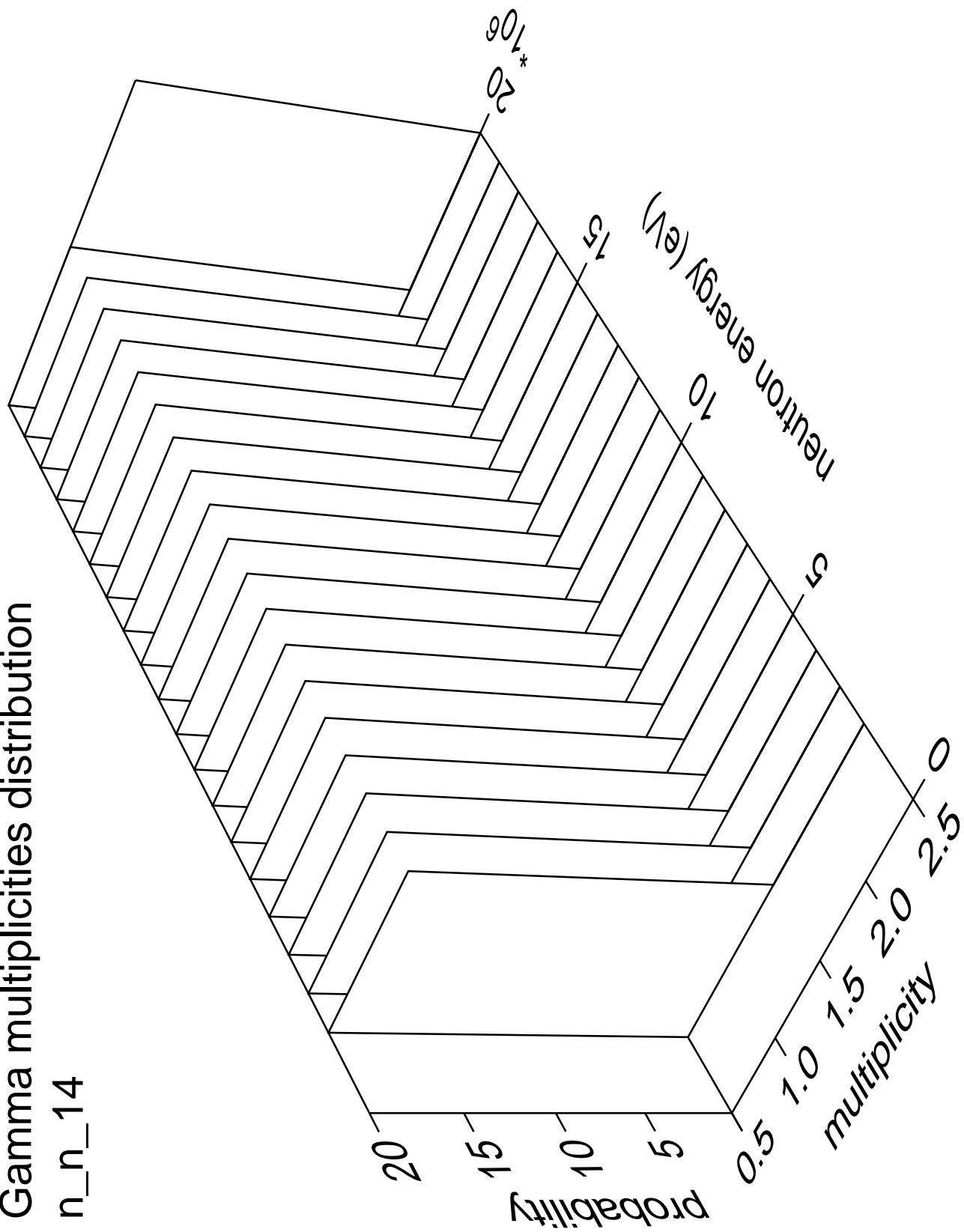


# Gamma angles distribution

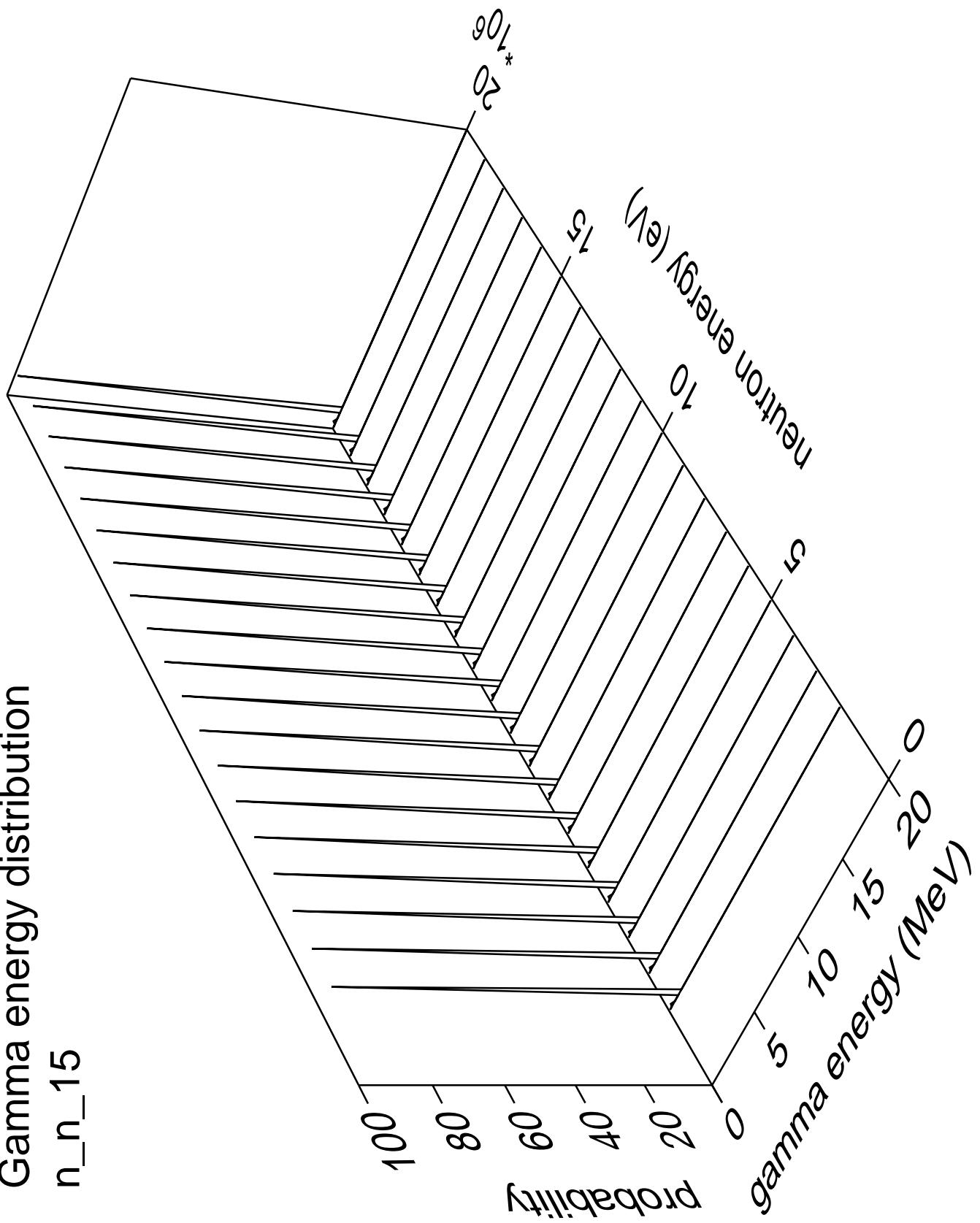
n\_n\_14



# Gamma multiplicities distribution n\_n\_14

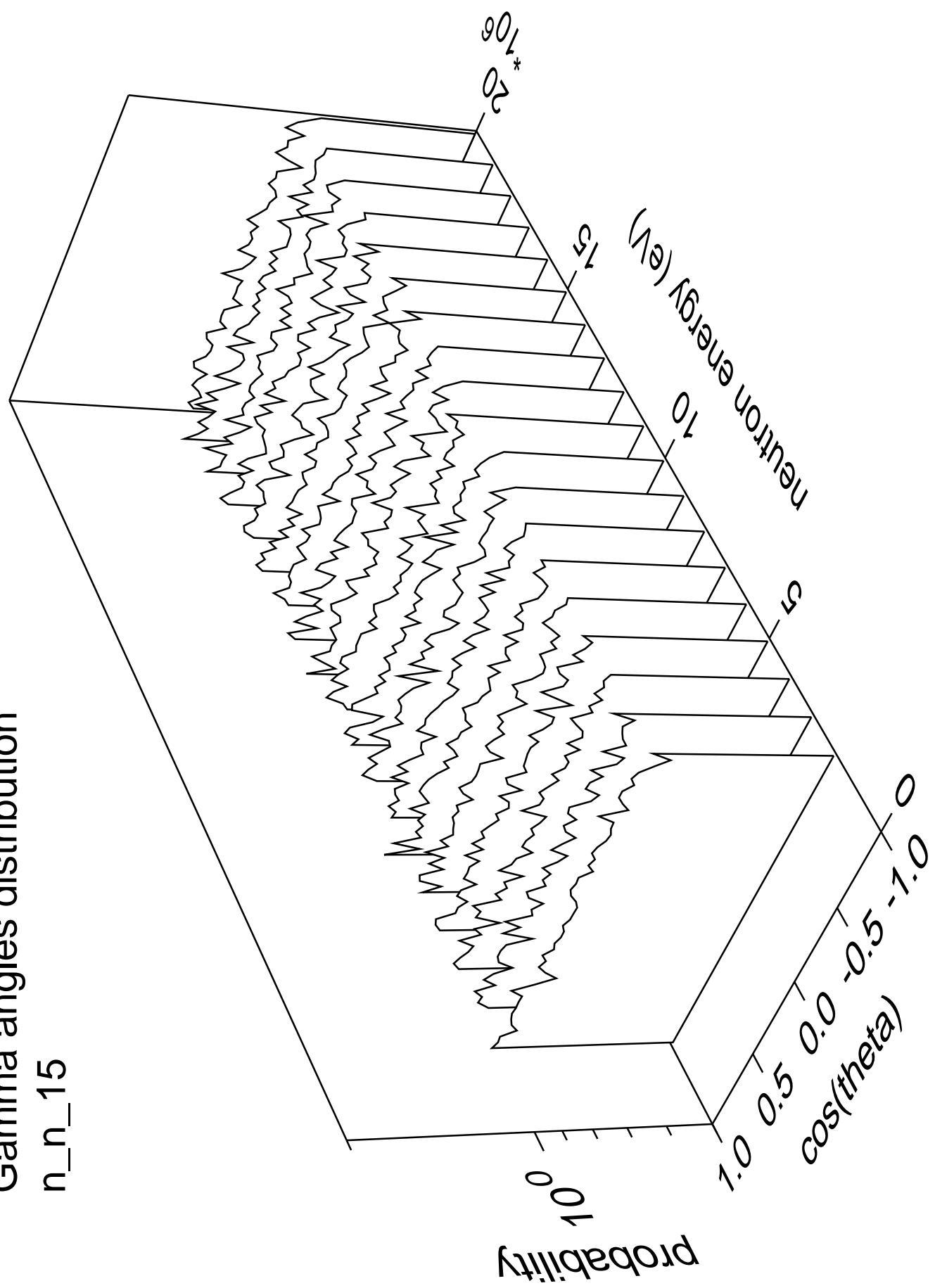


# Gamma energy distribution n\_n\_15

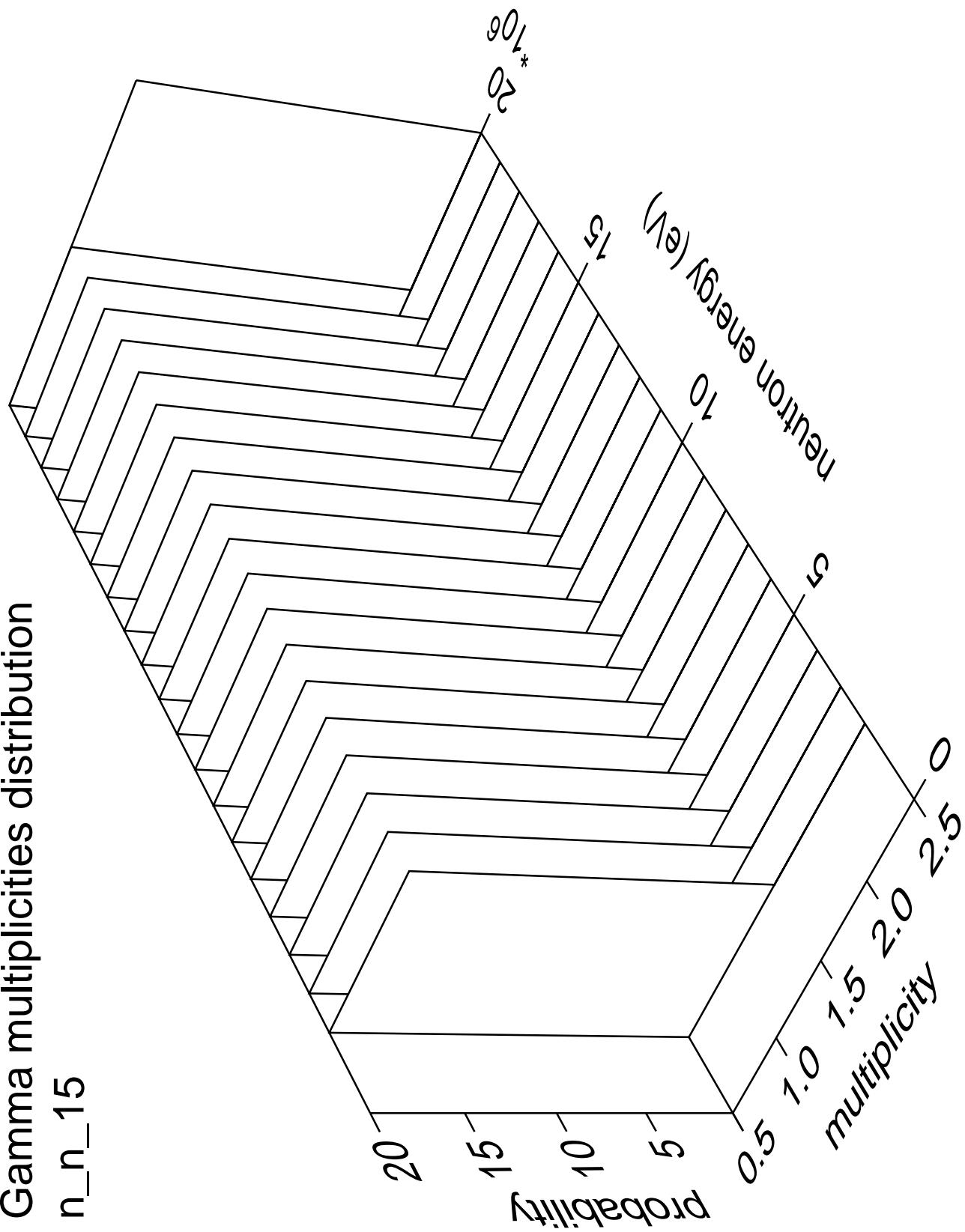


# Gamma angles distribution

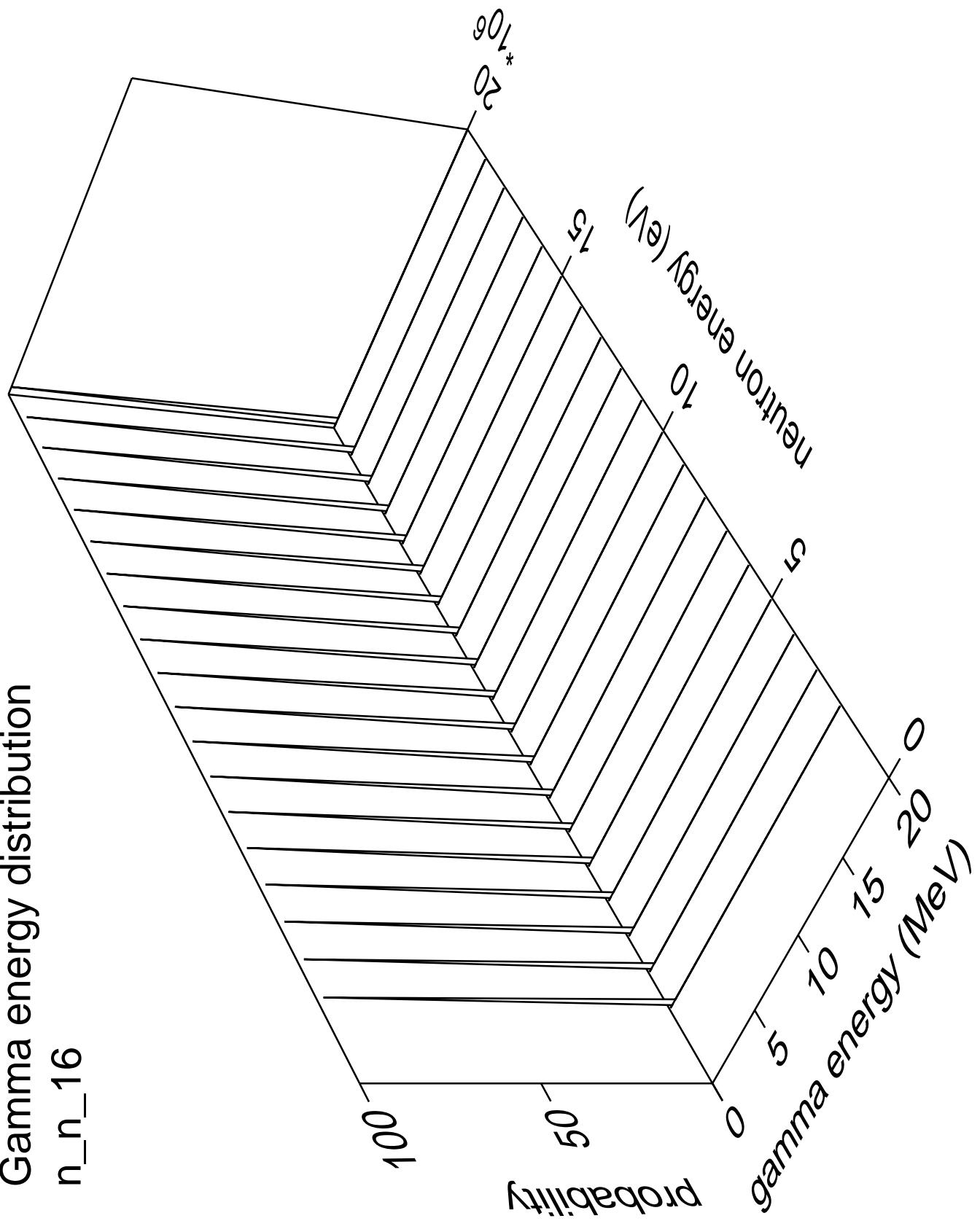
n\_n\_15



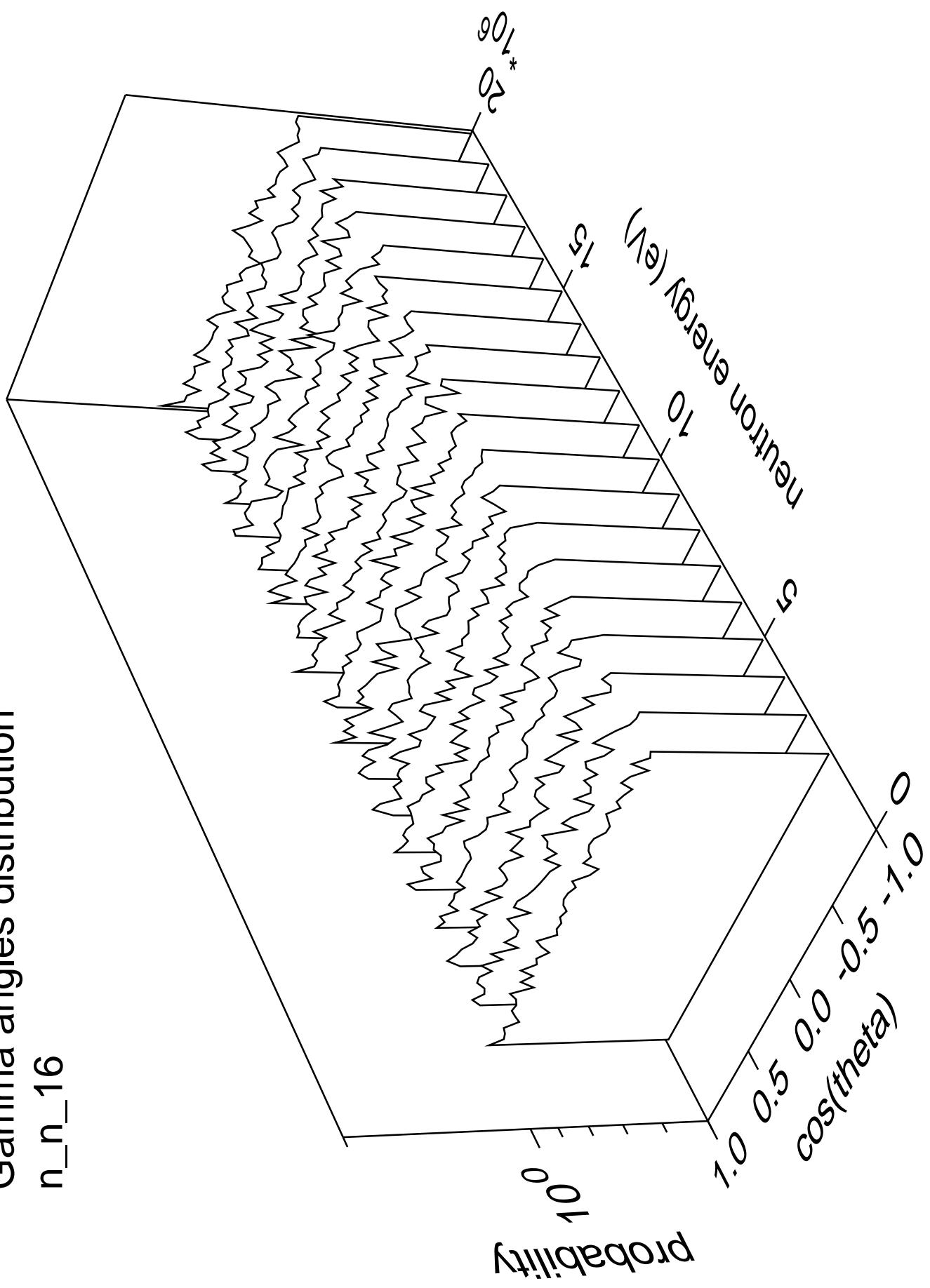
# Gamma multiplicities distribution



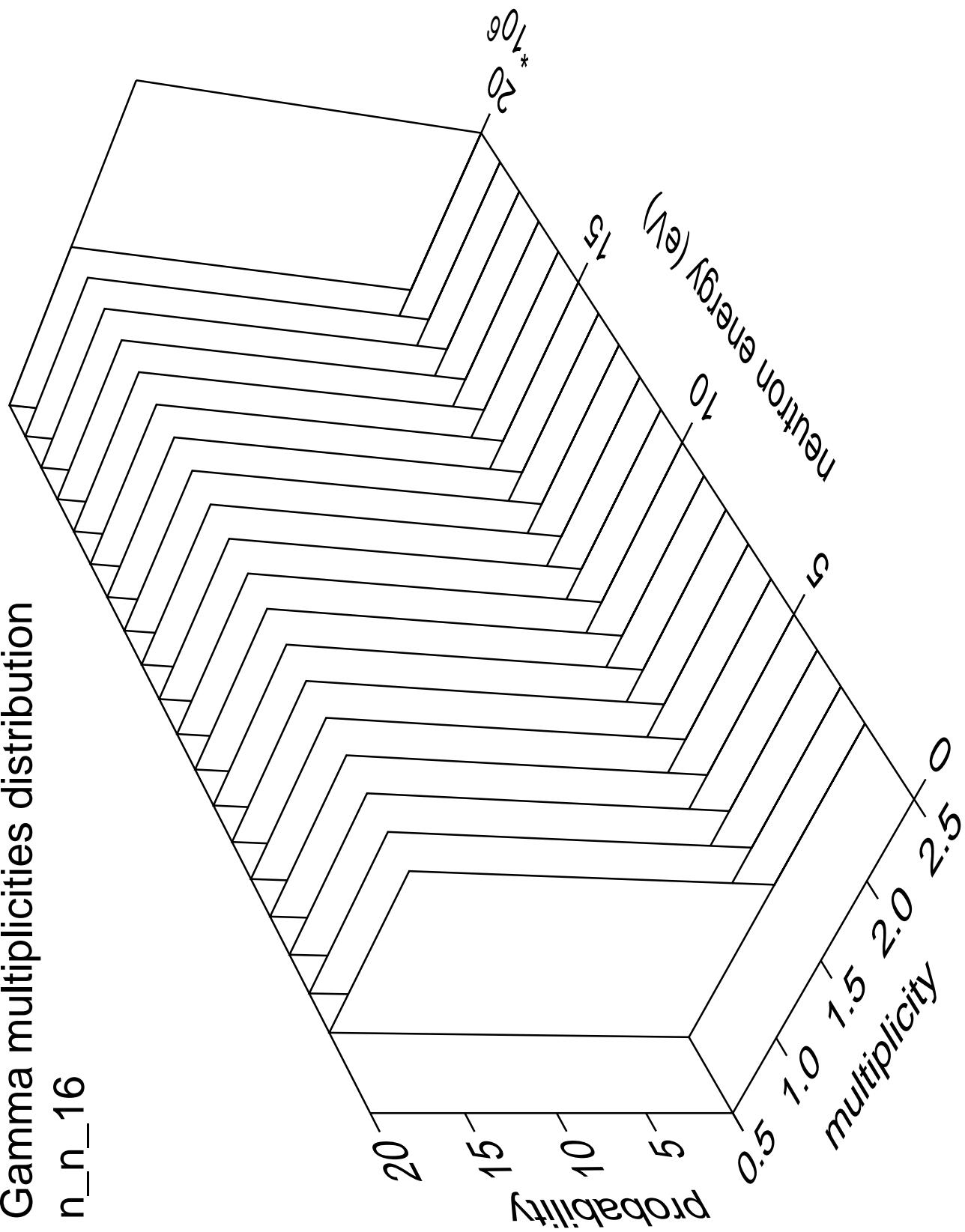
# Gamma energy distribution n\_n\_16



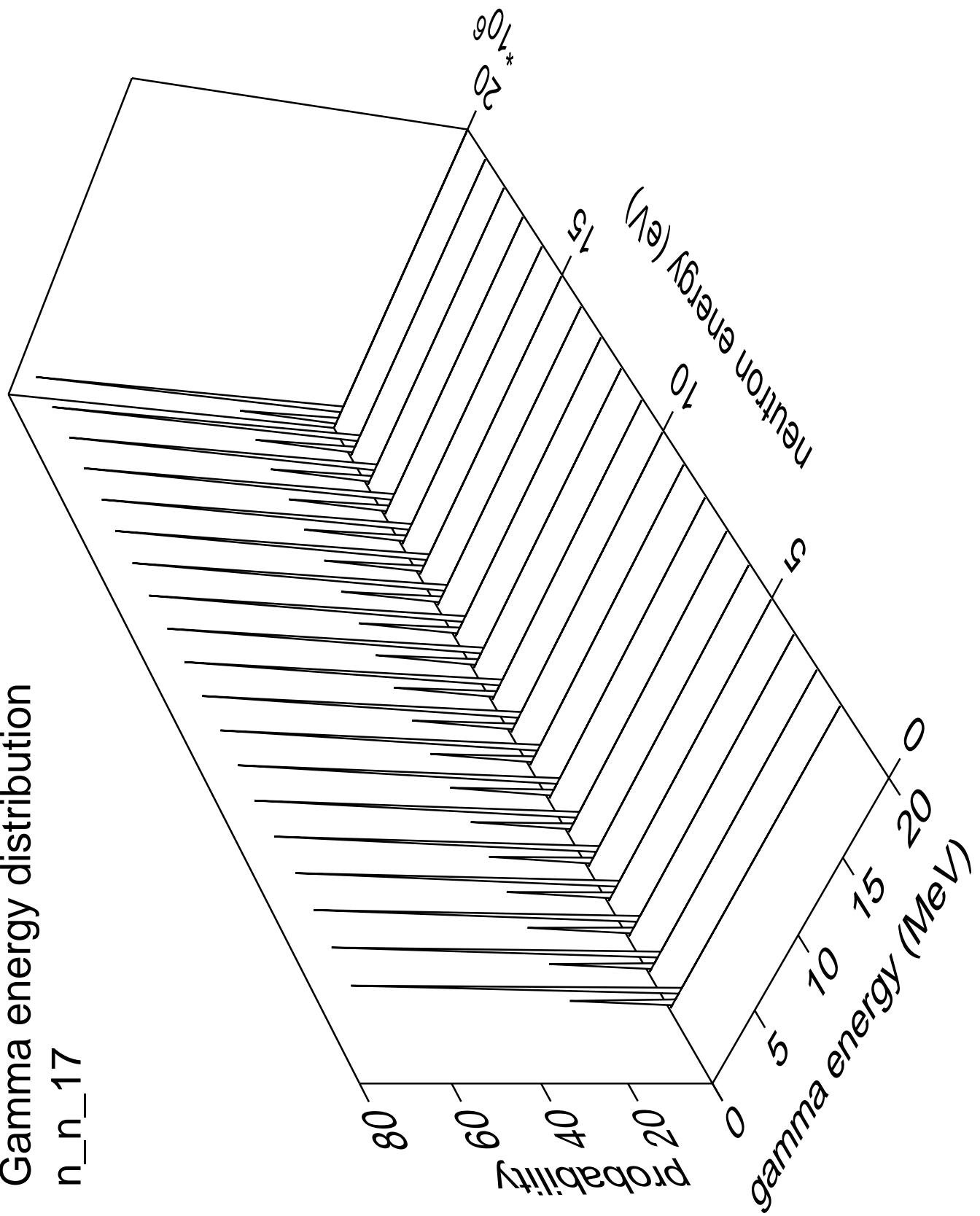
# Gamma angles distribution



# Gamma multiplicities distribution

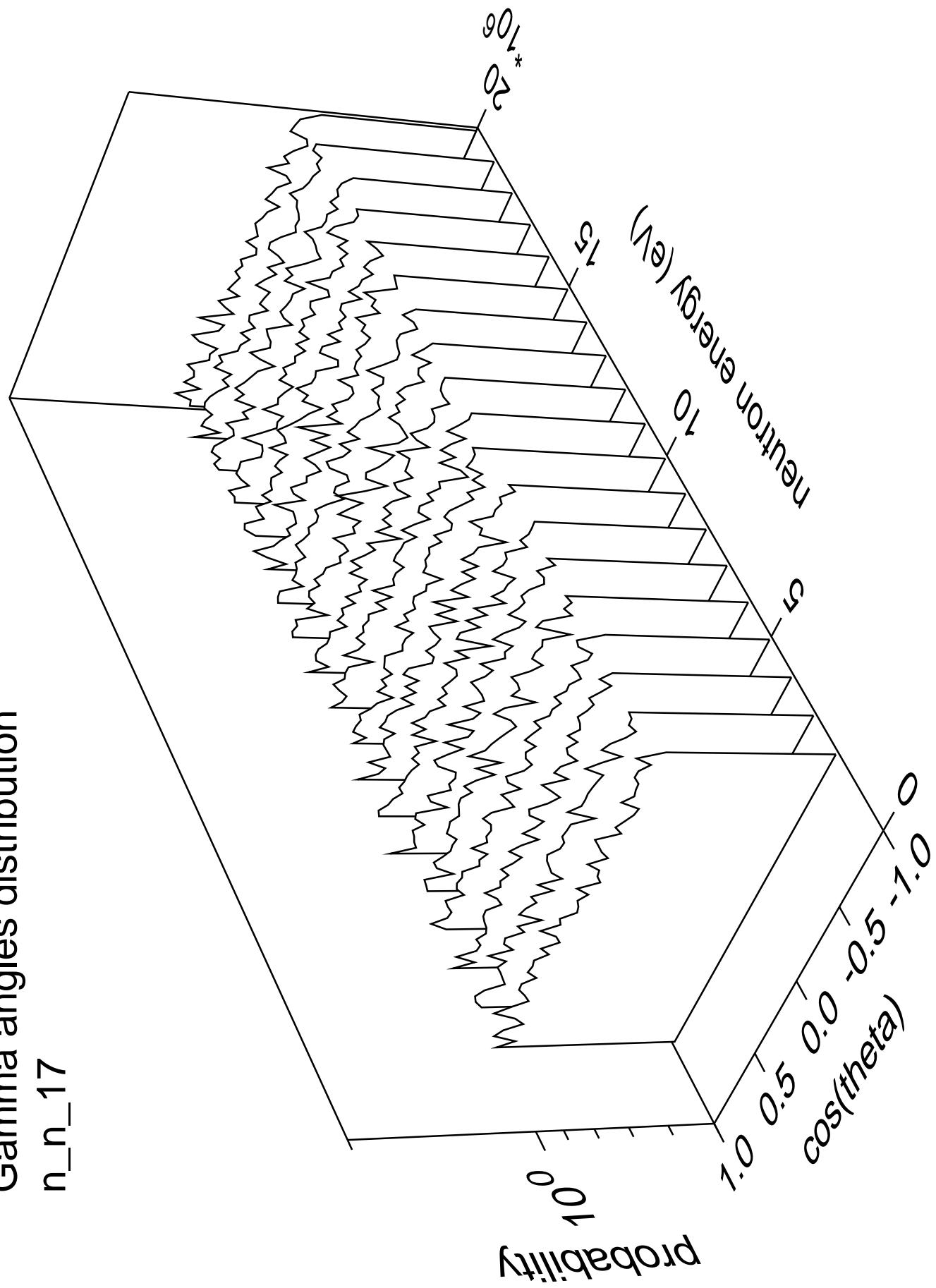


# Gamma energy distribution n\_n\_17

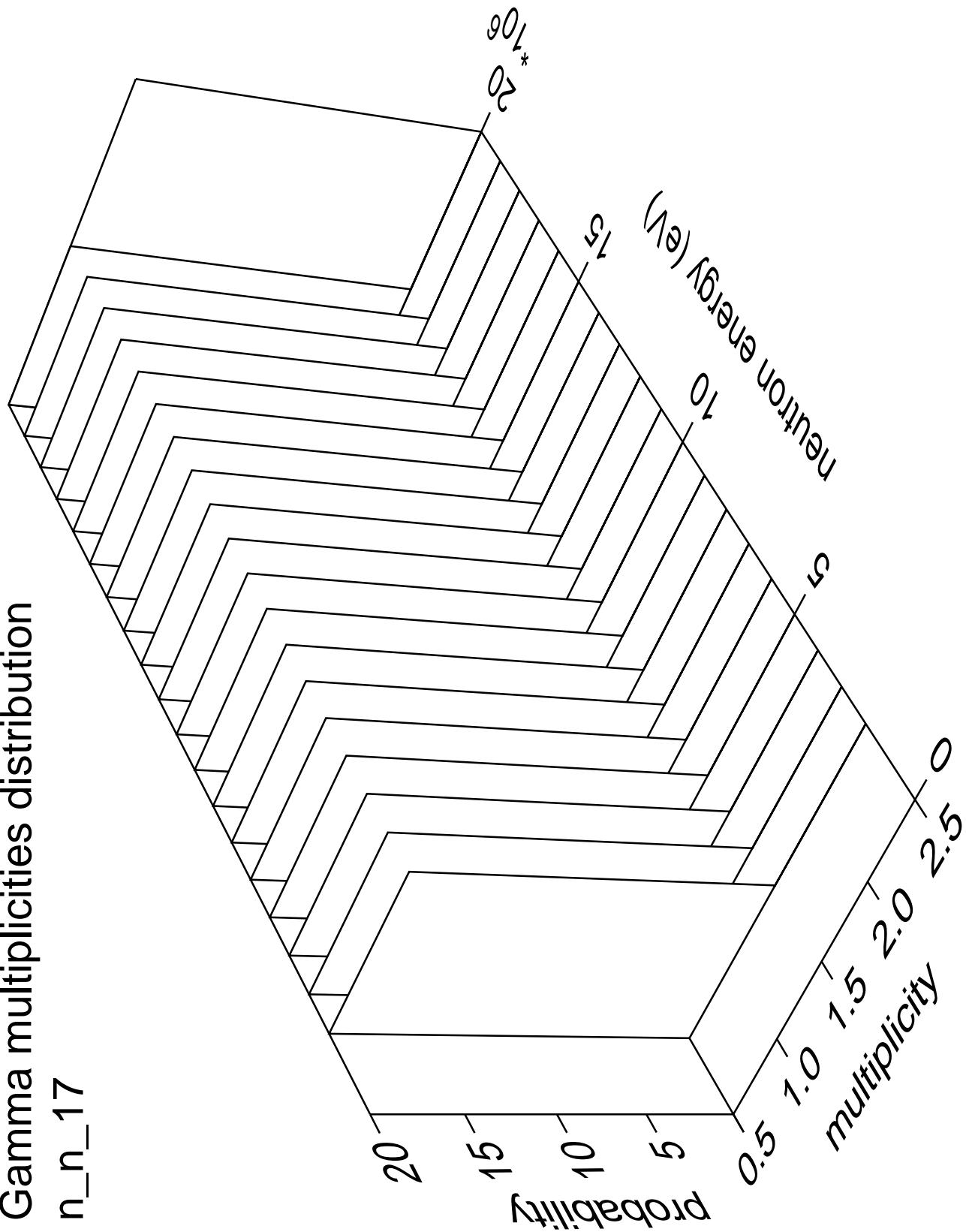


# Gamma angles distribution

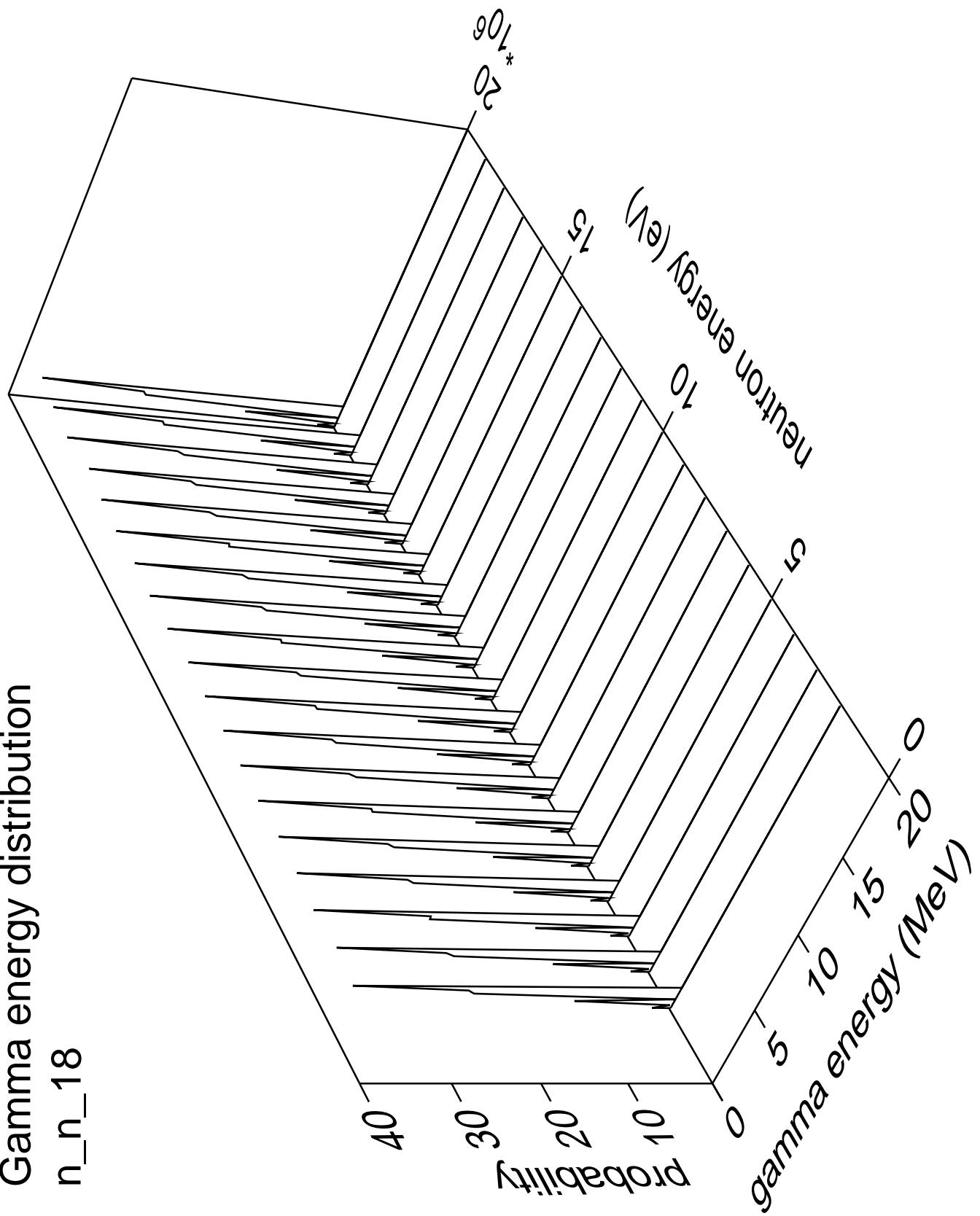
n\_n\_17



# Gamma multiplicities distribution n\_n\_17

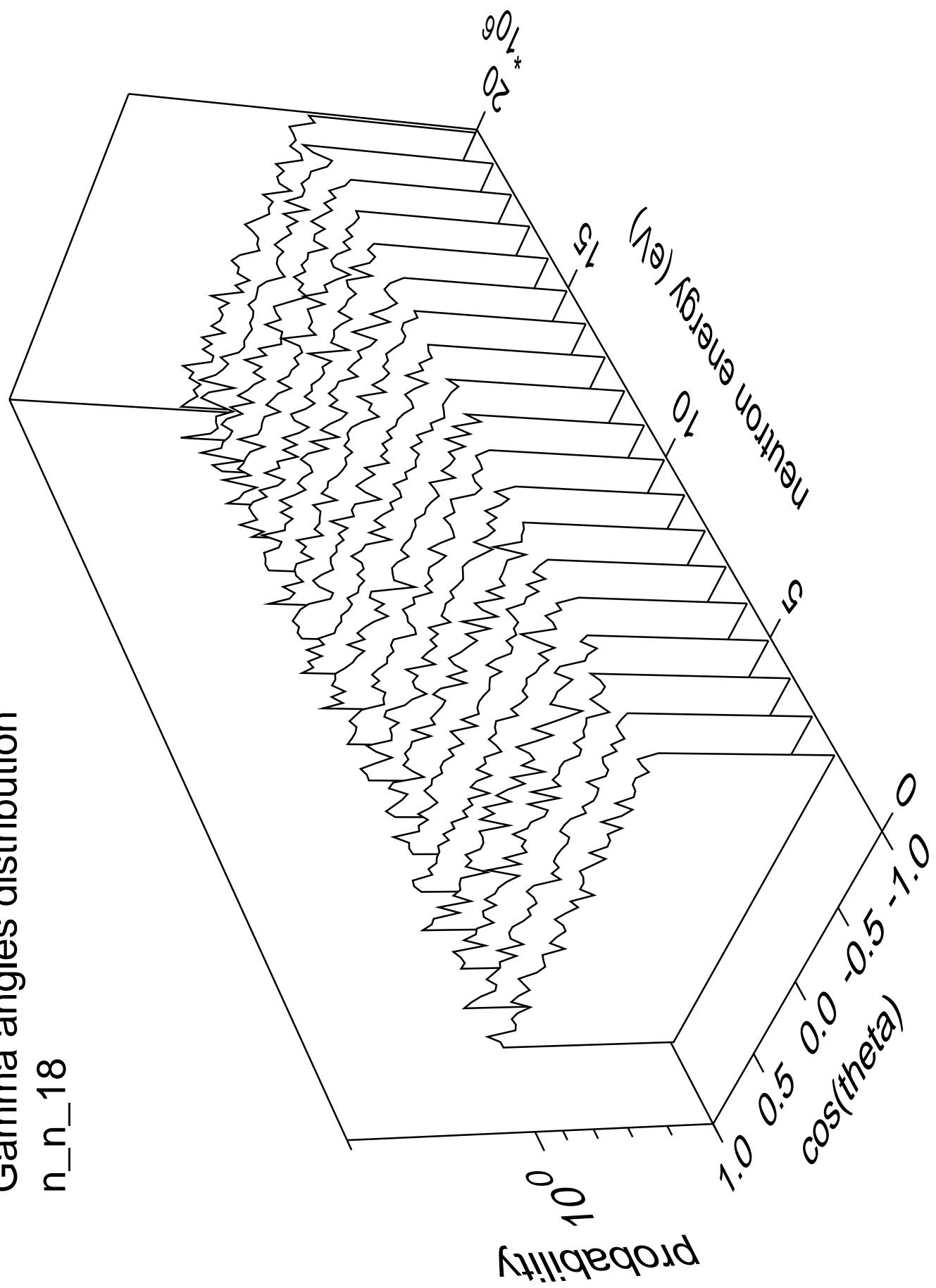


# Gamma energy distribution n\_n\_18

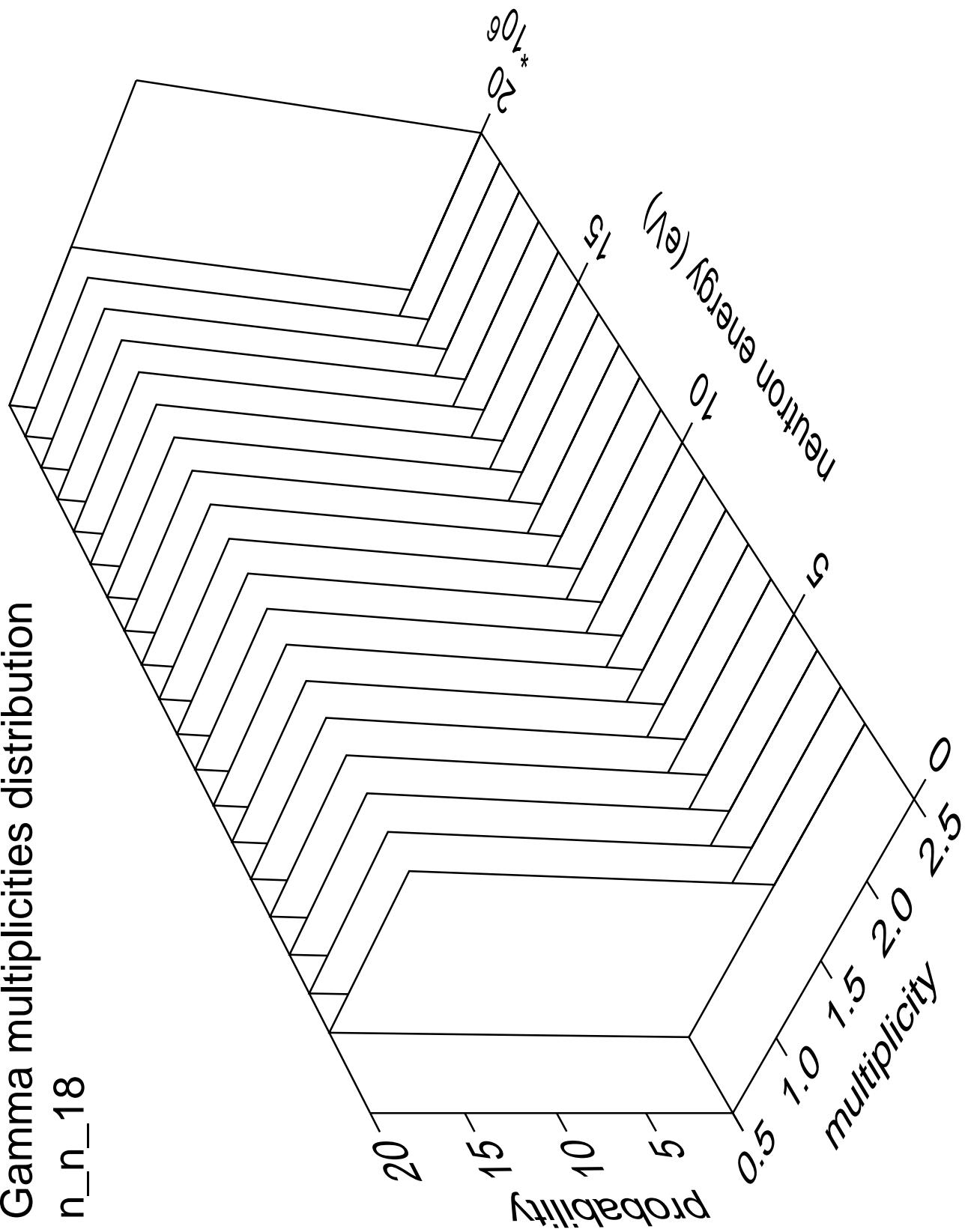


# Gamma angles distribution

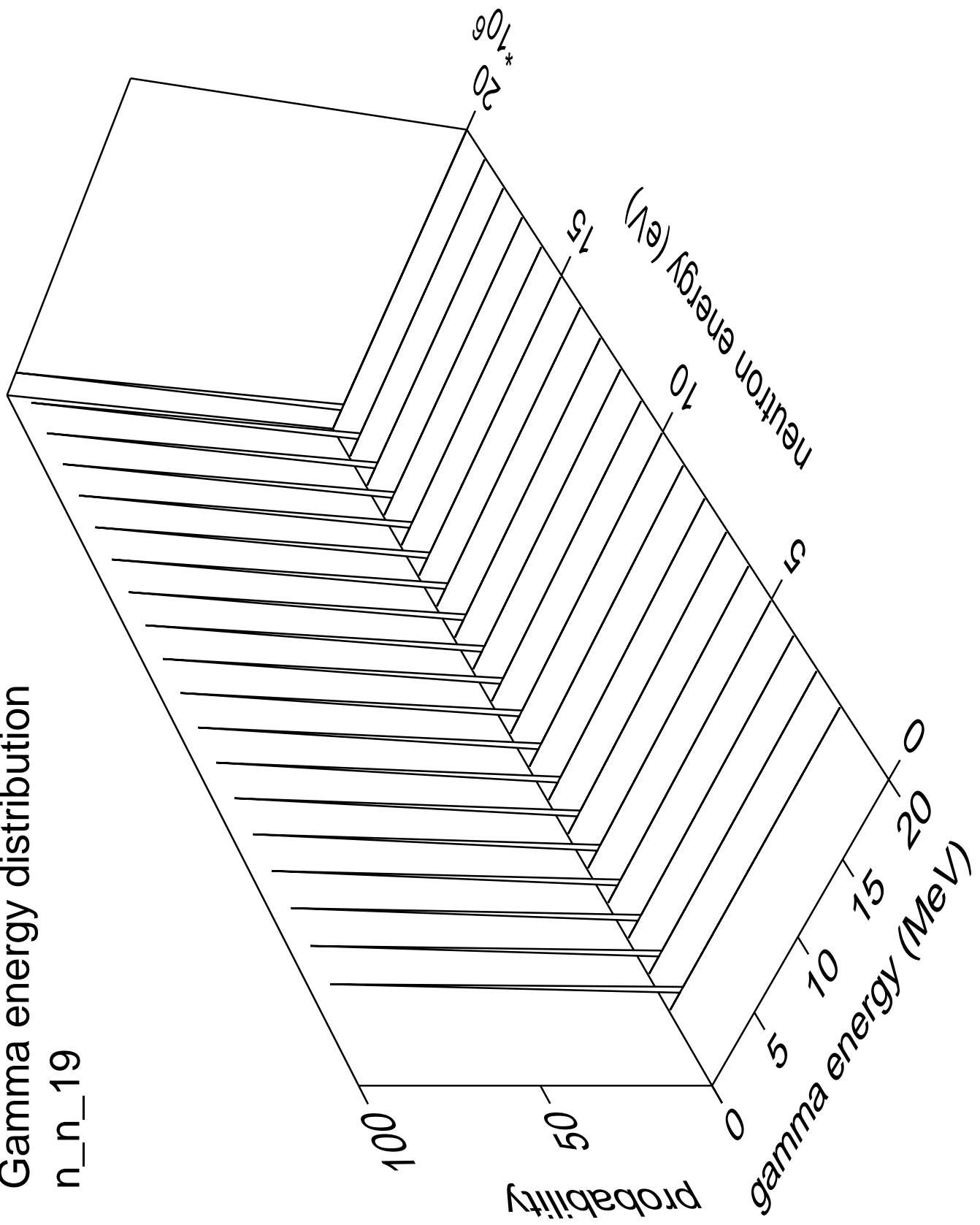
n\_n\_18



# Gamma multiplicities distribution

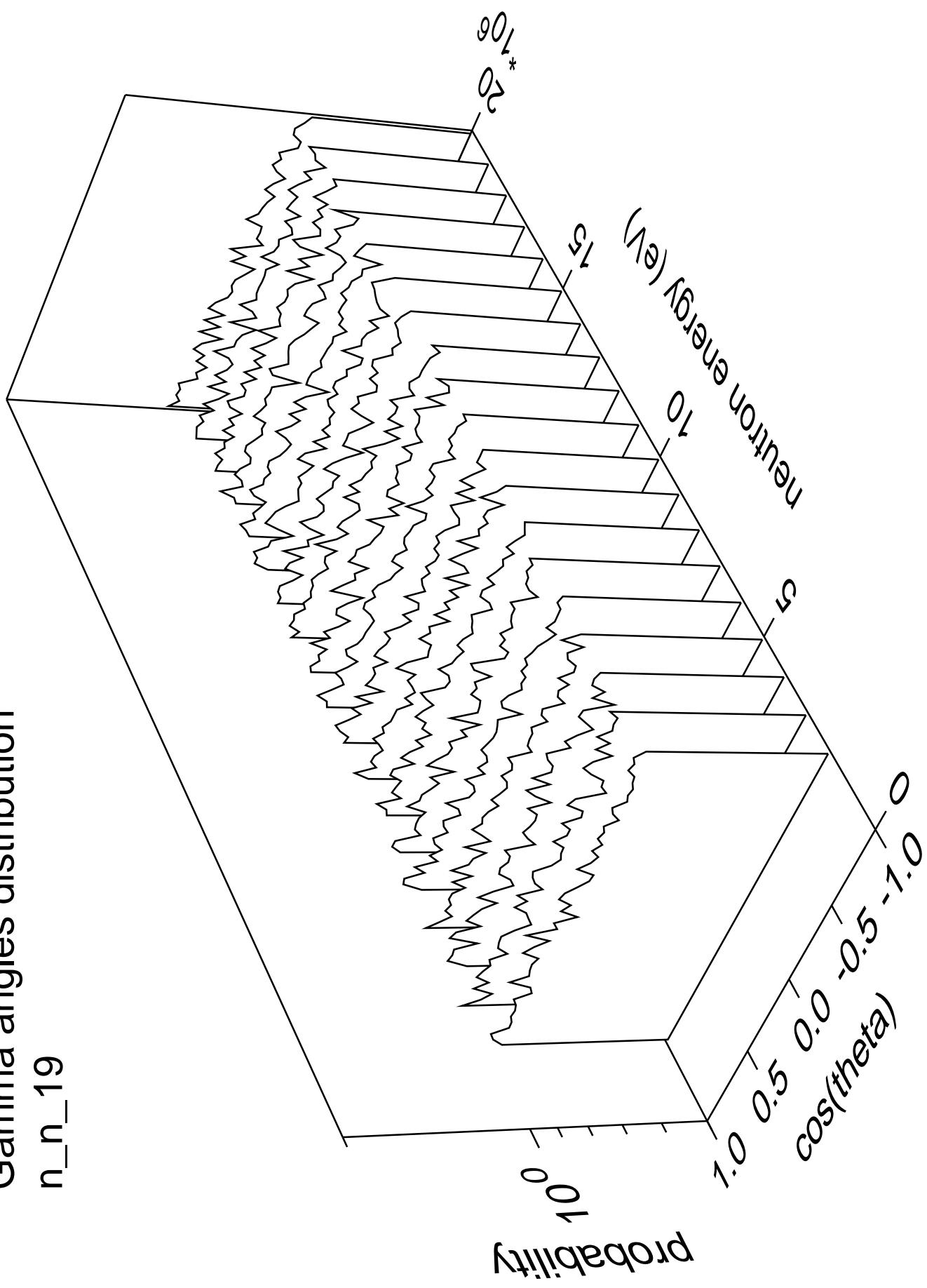


# Gamma energy distribution $n_n_{19}$

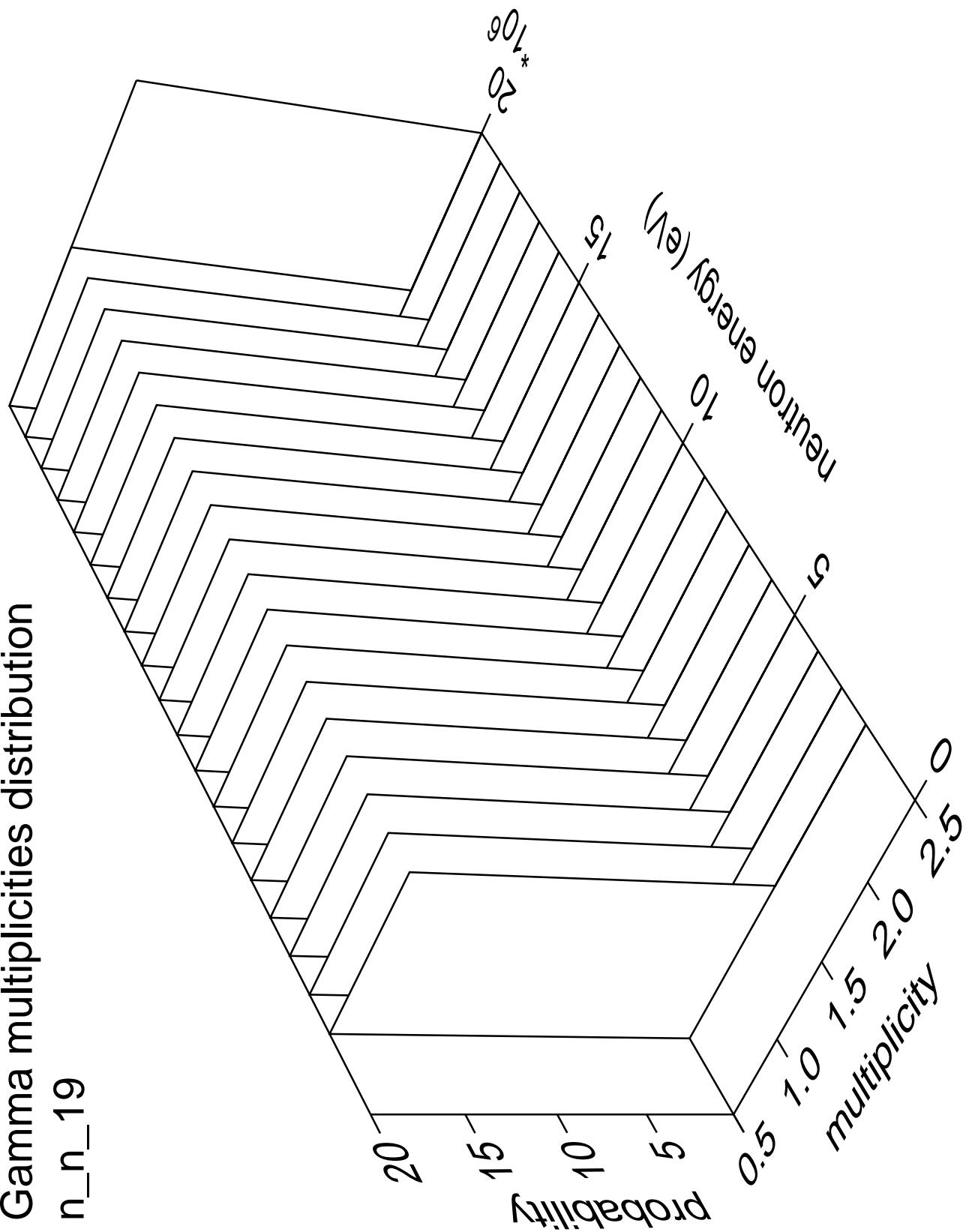


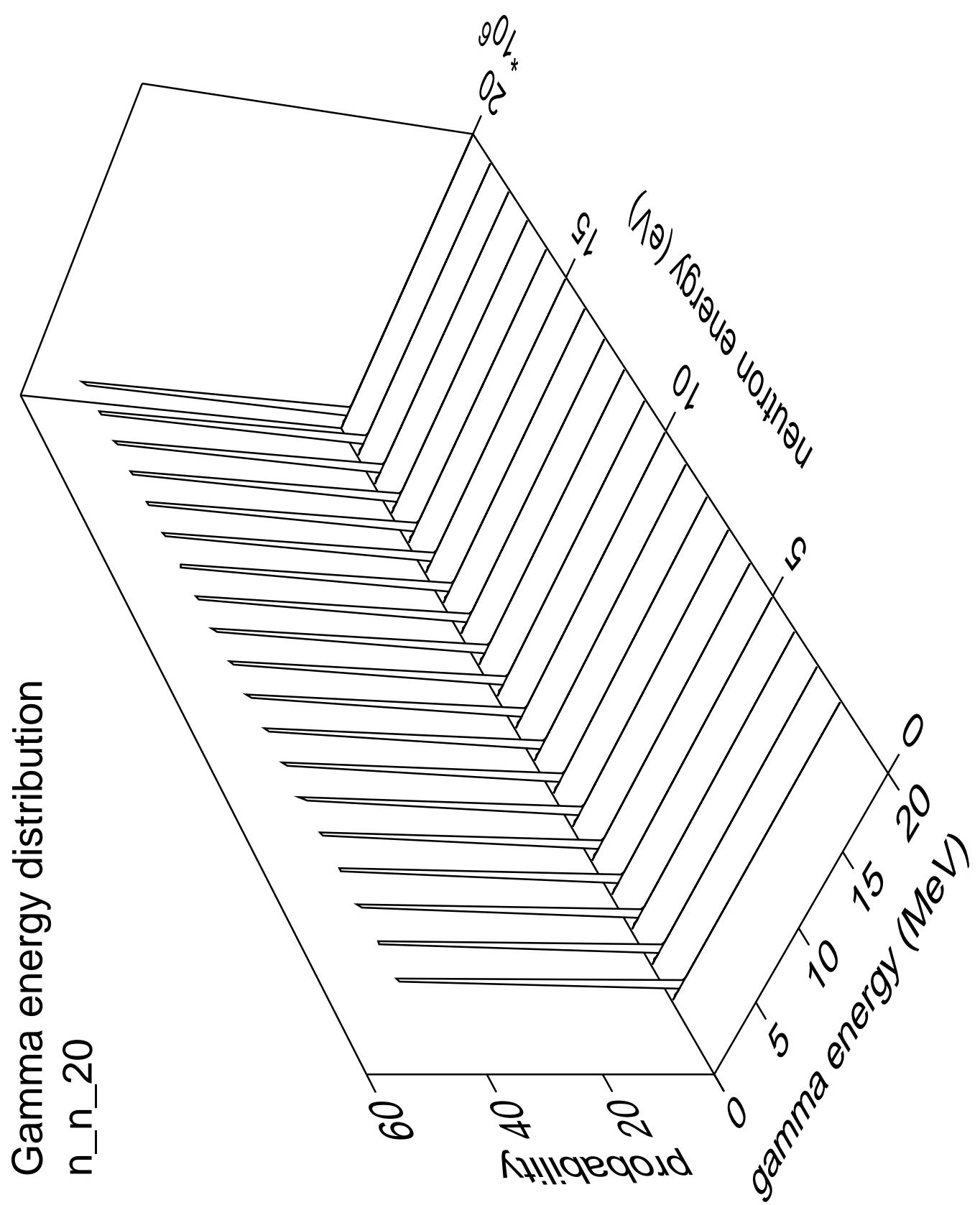
Gamma angles distribution

n\_n\_19



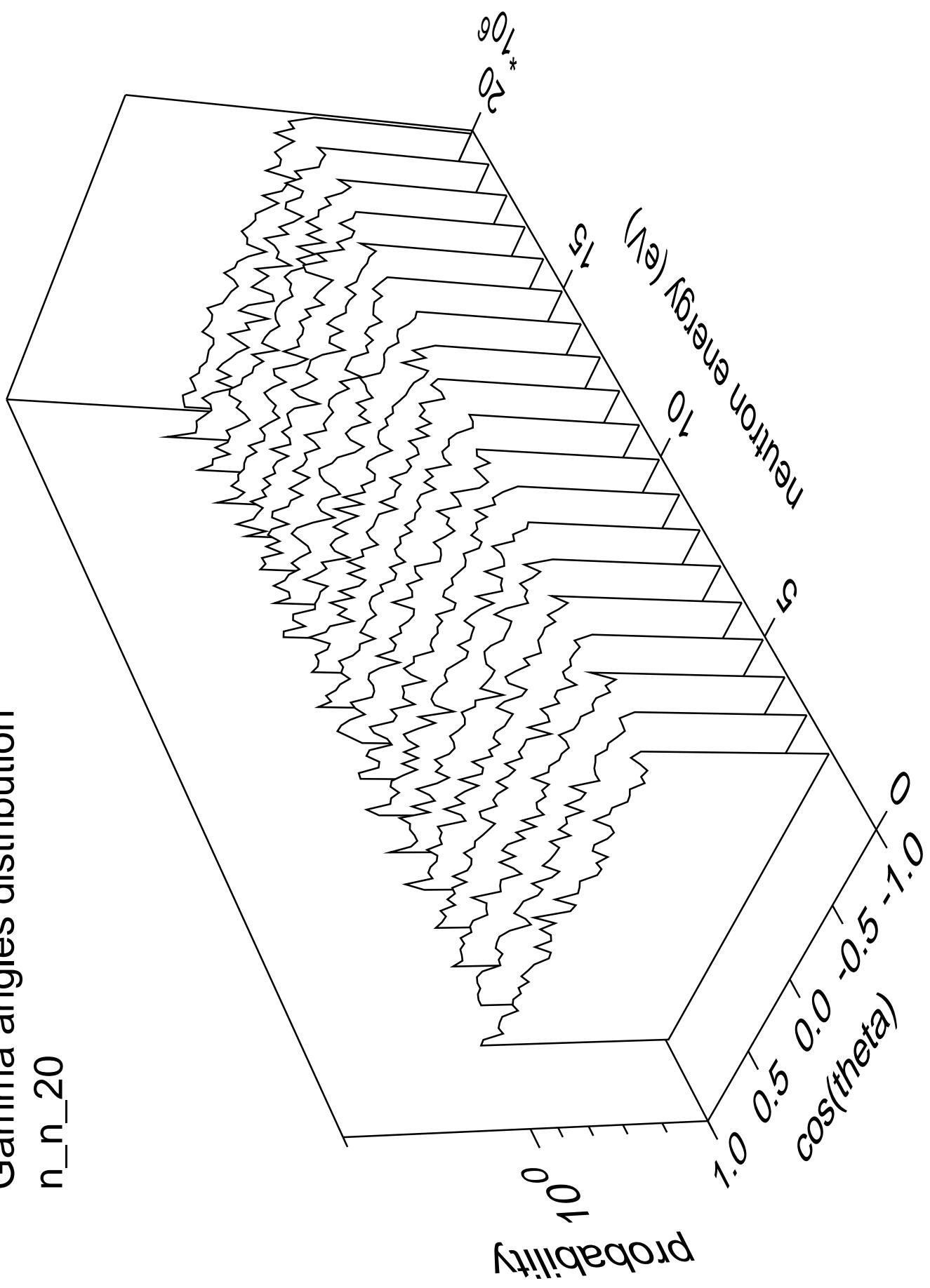
# Gamma multiplicities distribution



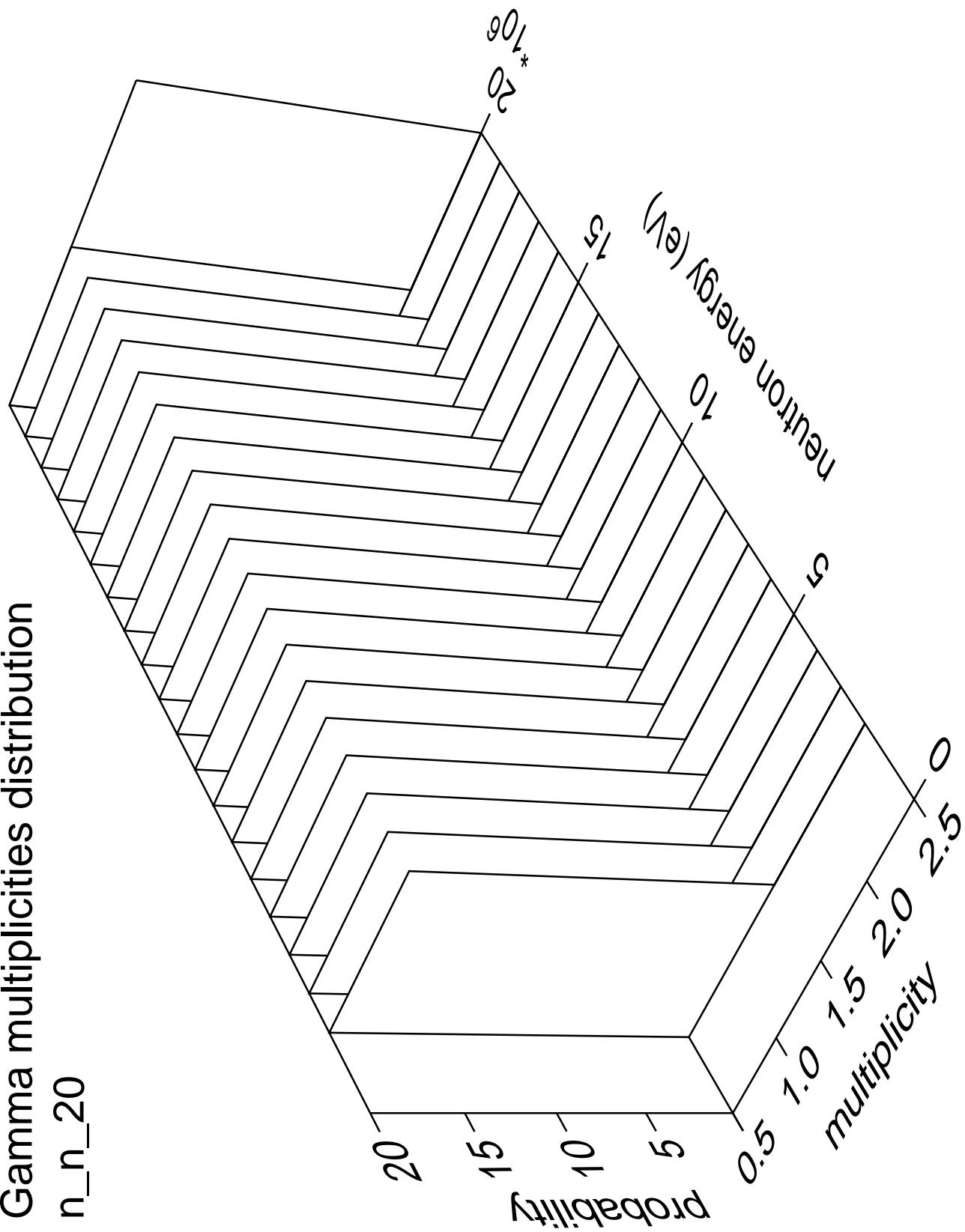


Gamma angles distribution

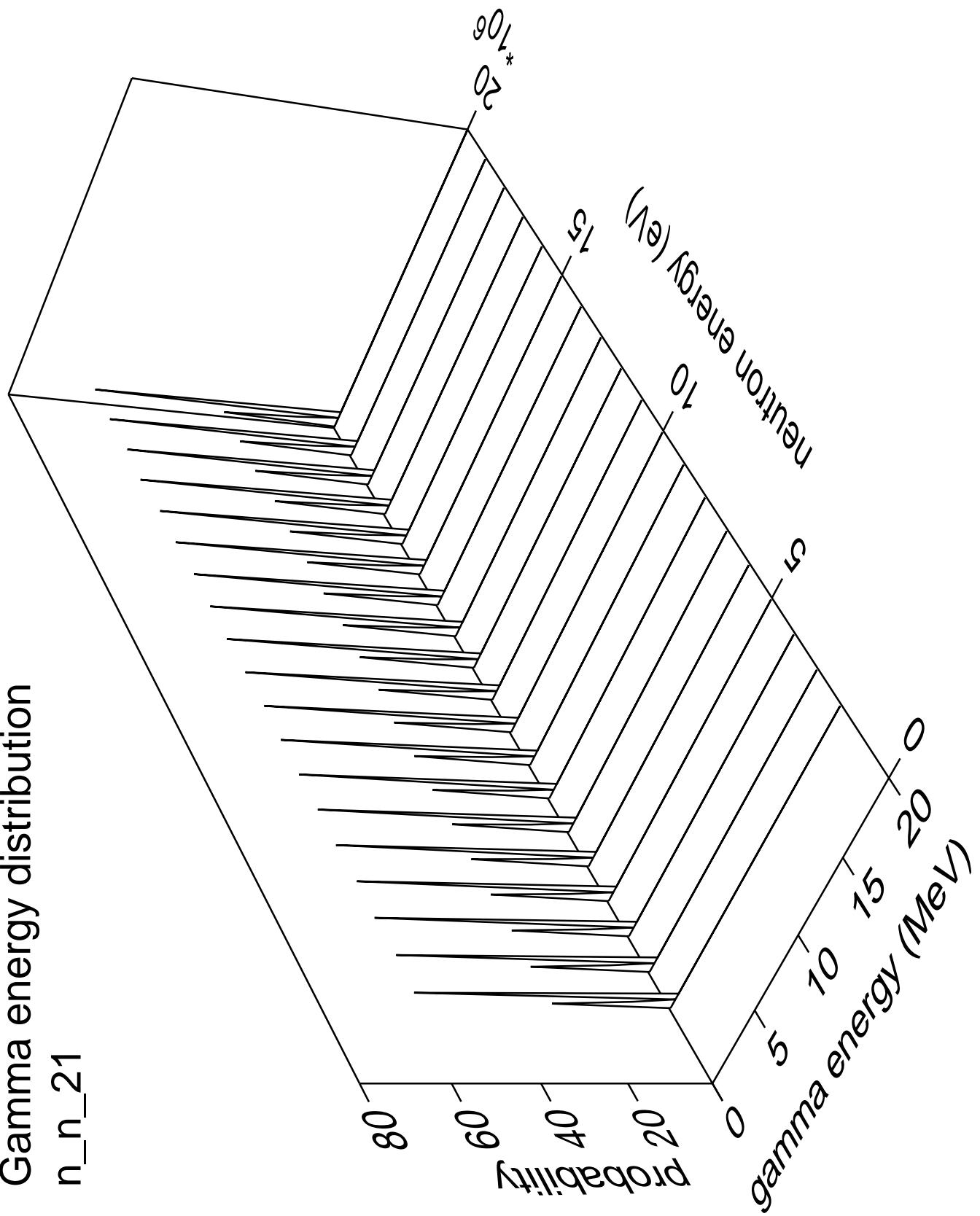
n\_n\_20



# Gamma multiplicities distribution

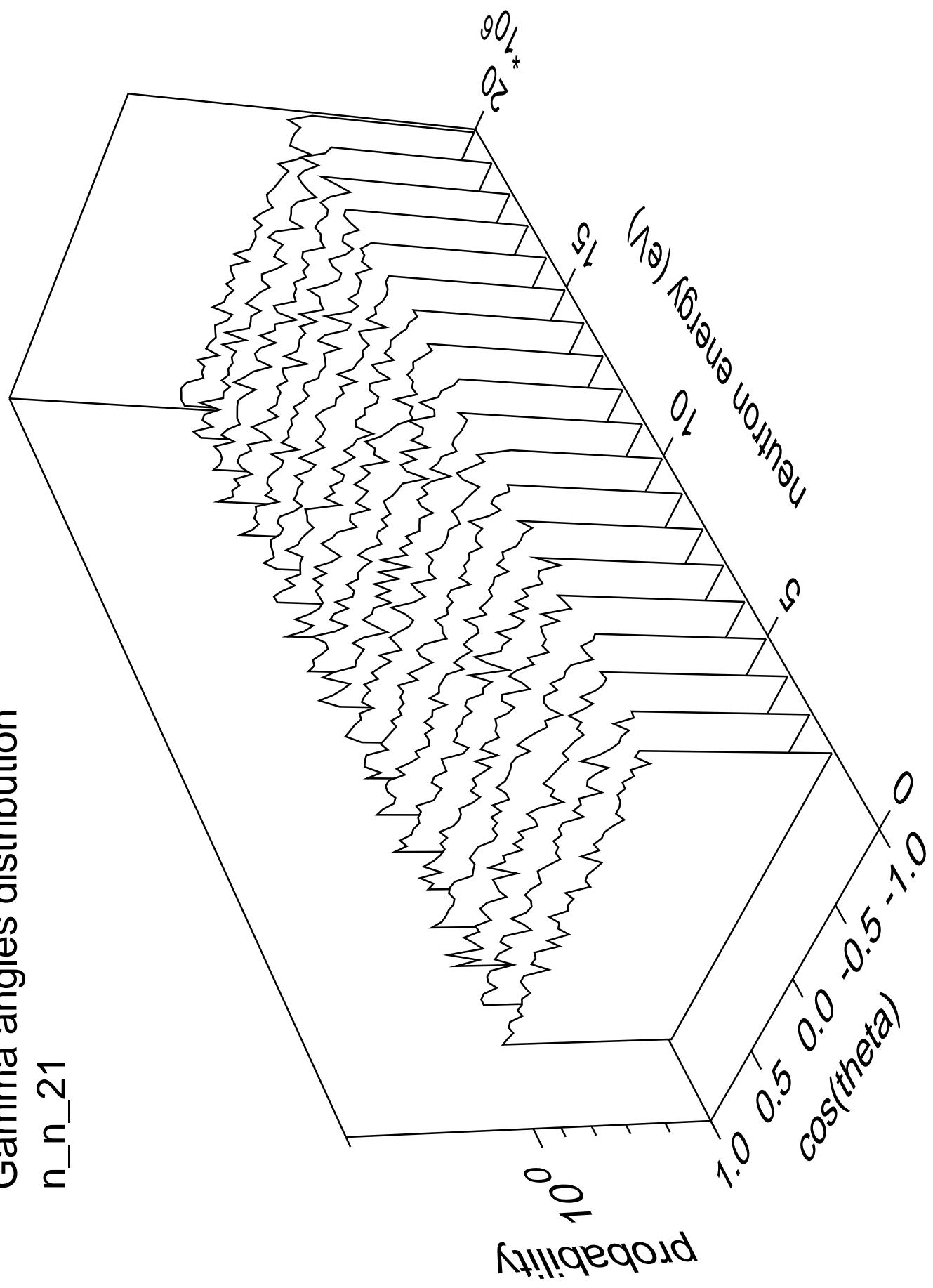


## Gamma energy distribution

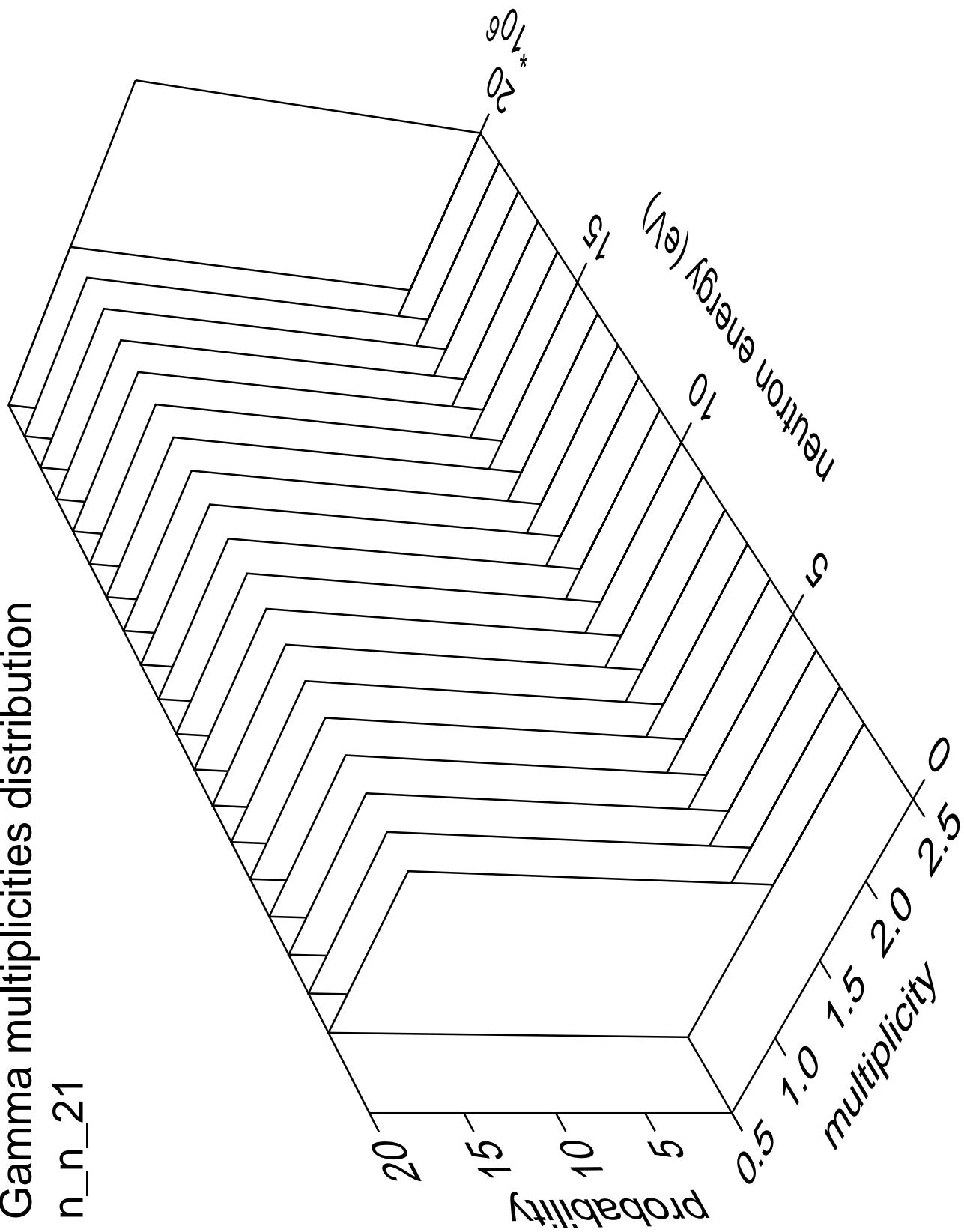


# Gamma angles distribution

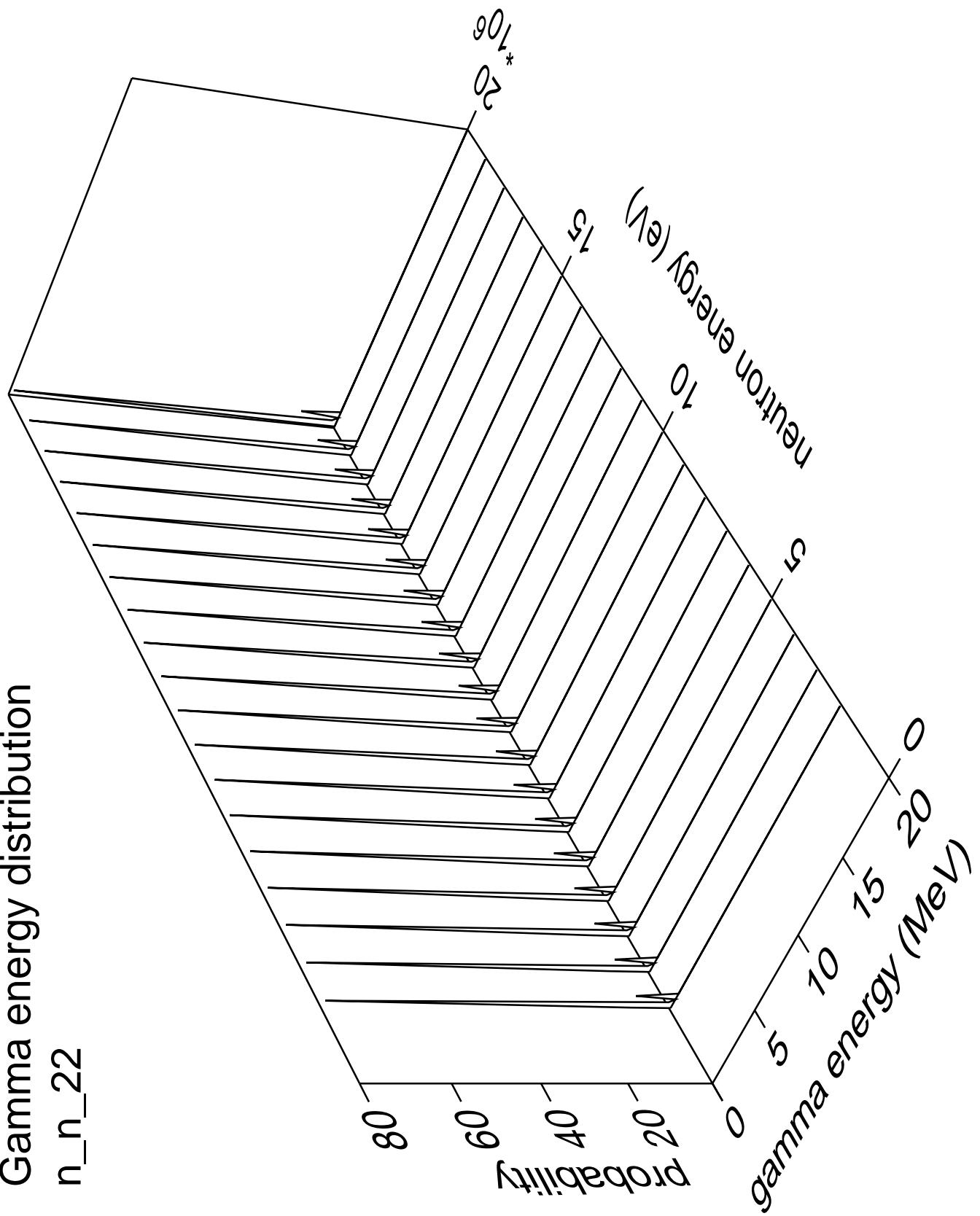
n\_n\_21



# Gamma multiplicities distribution

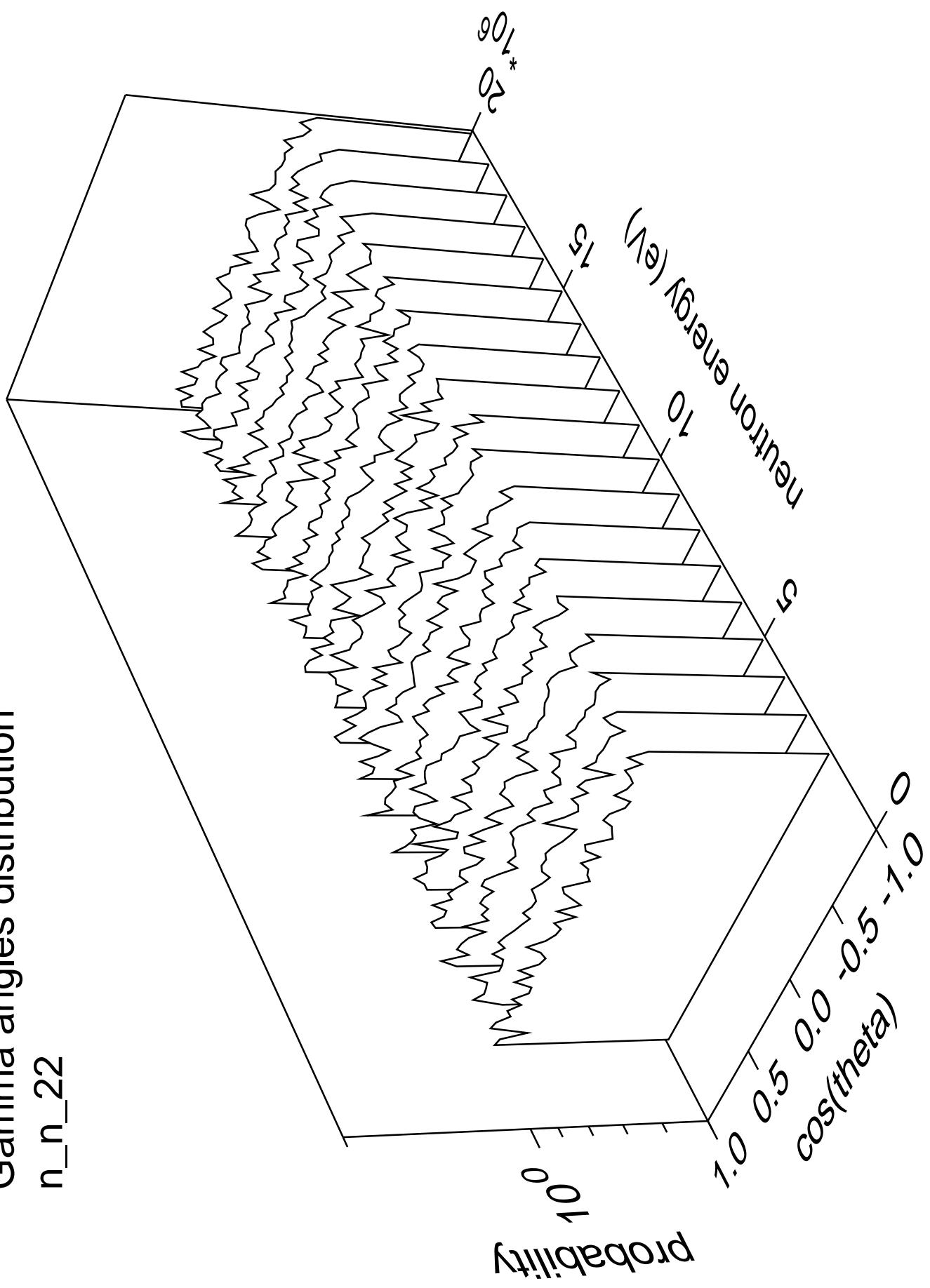


# Gamma energy distribution n\_n\_22

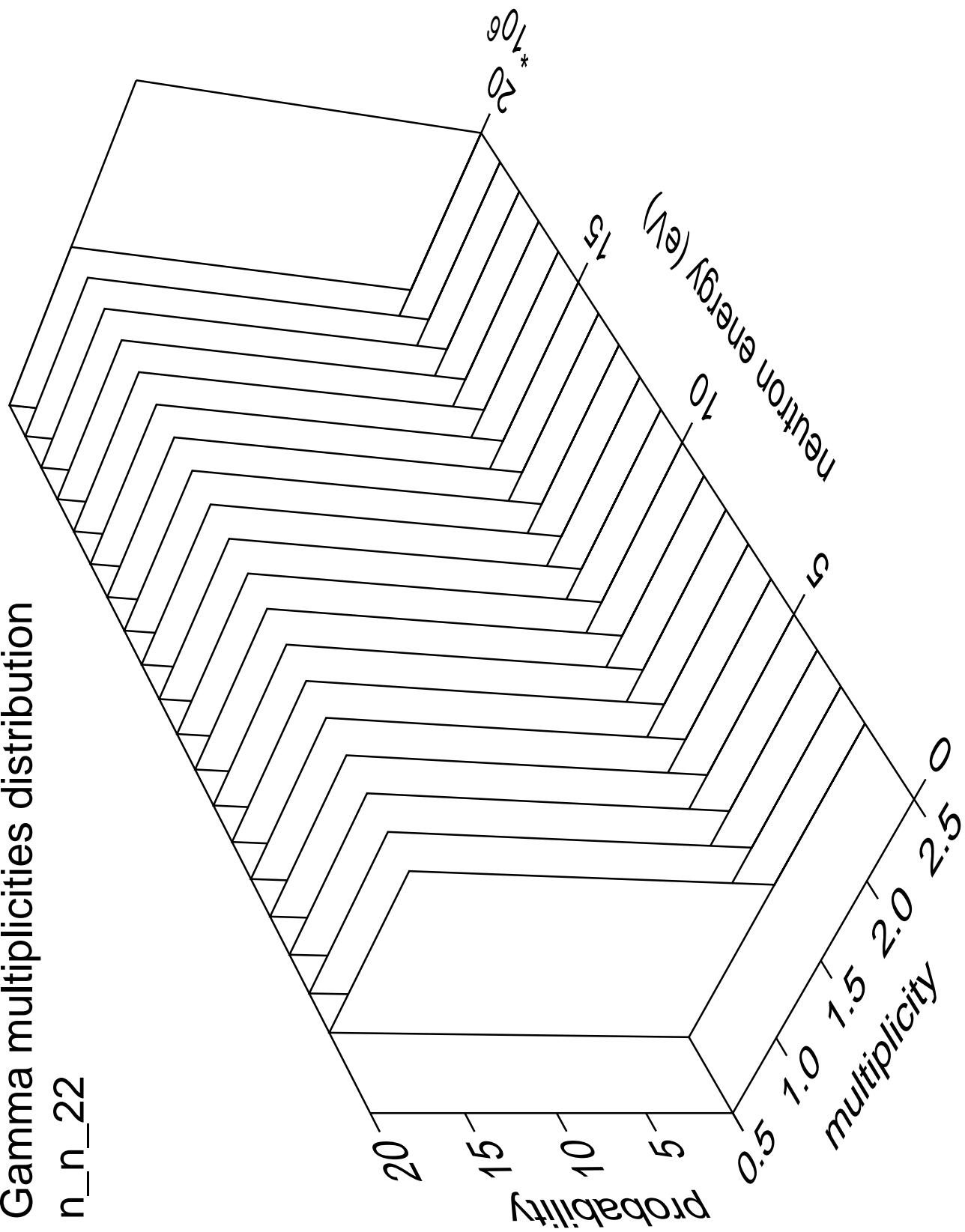


Gamma angles distribution

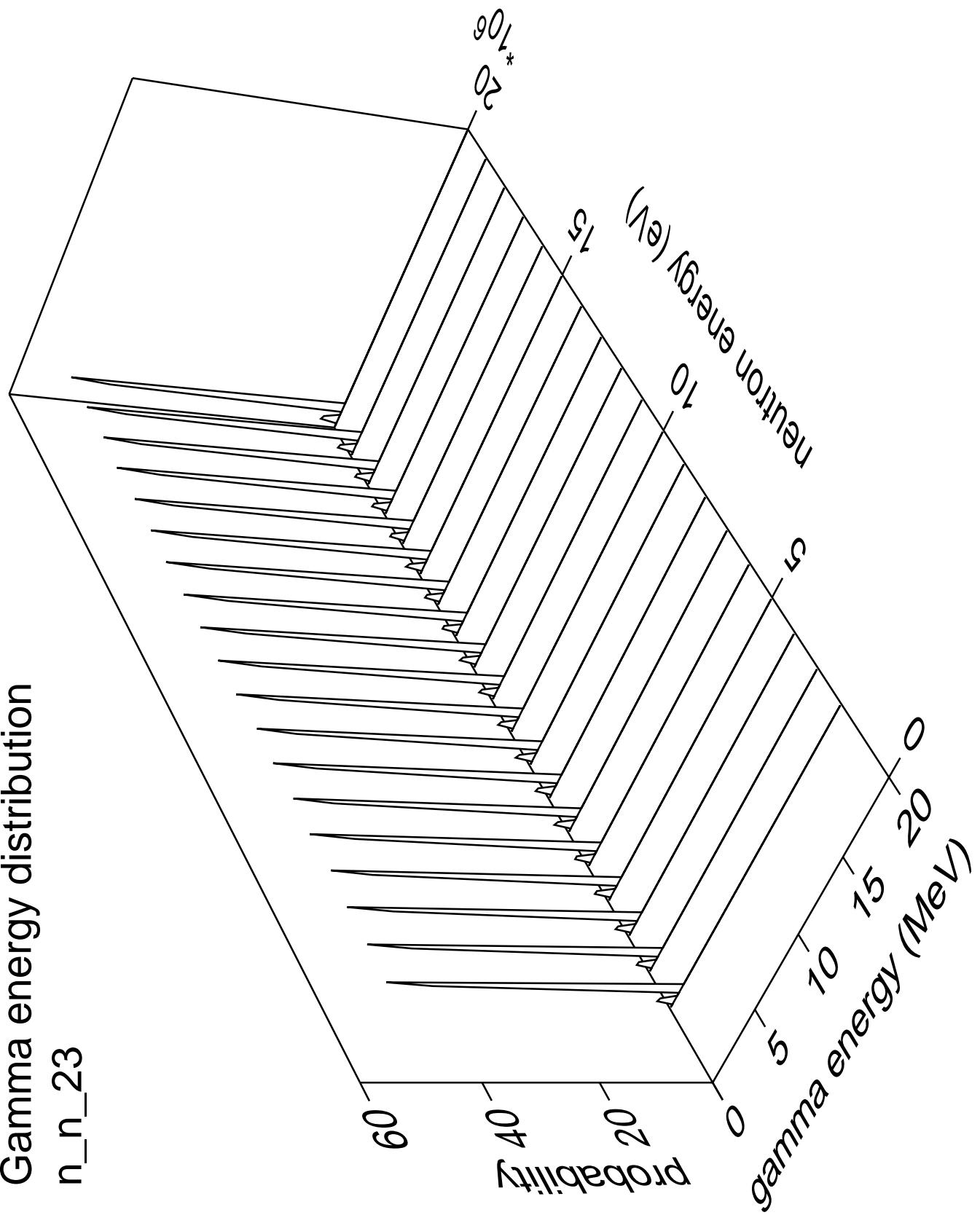
n\_n\_22



# Gamma multiplicities distribution

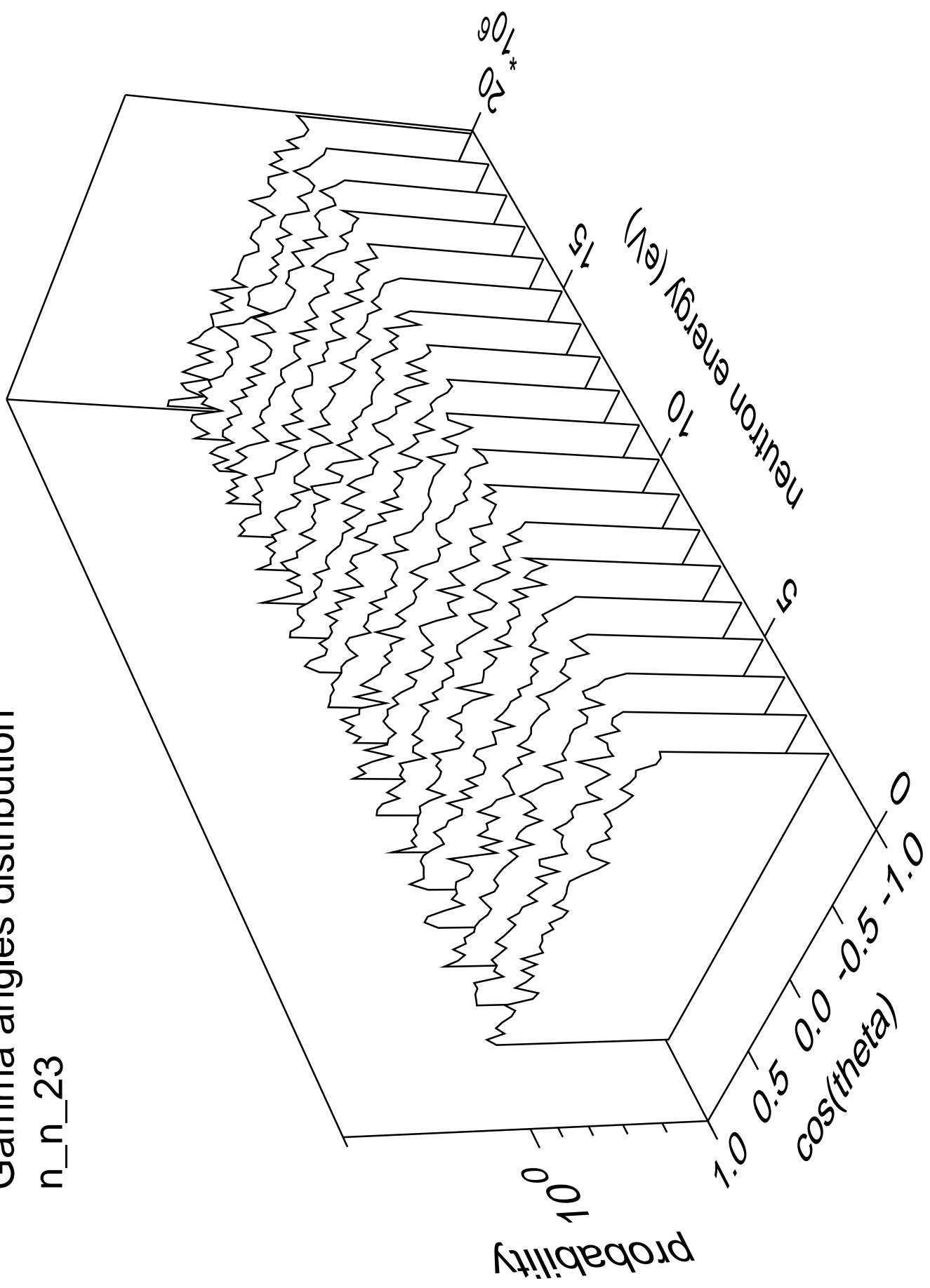


# Gamma energy distribution

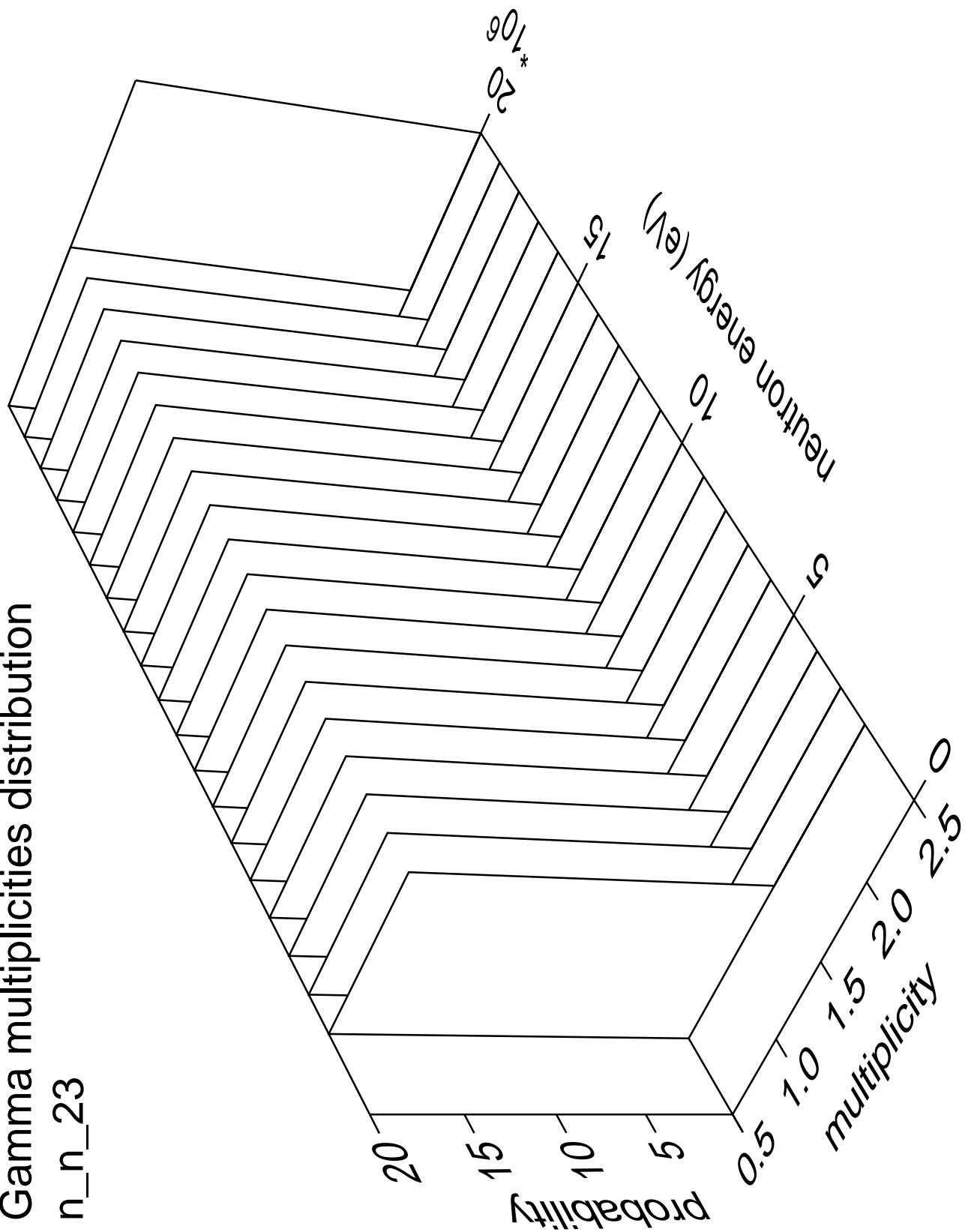


Gamma angles distribution

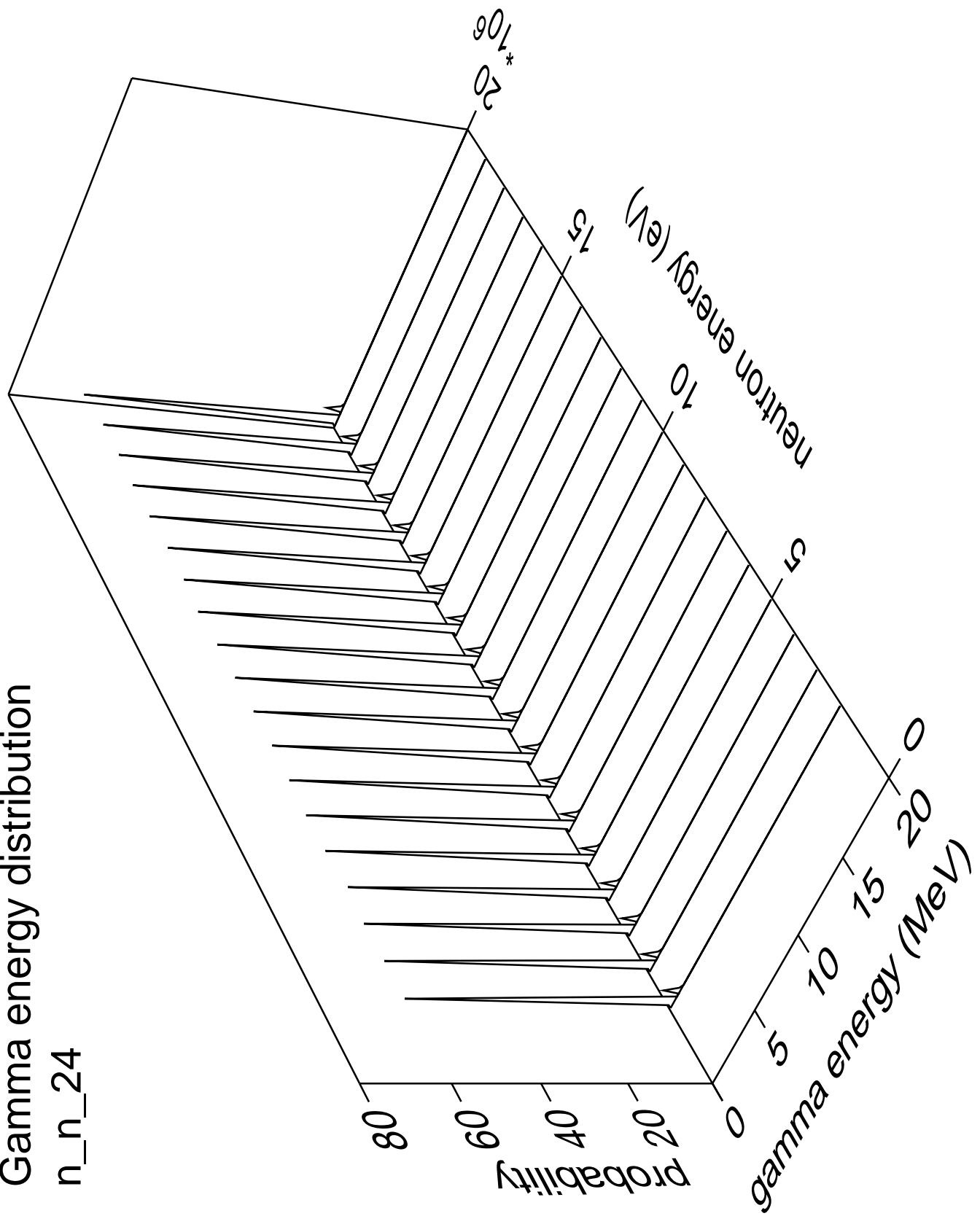
n\_n\_23



# Gamma multiplicities distribution $n_n_{23}$

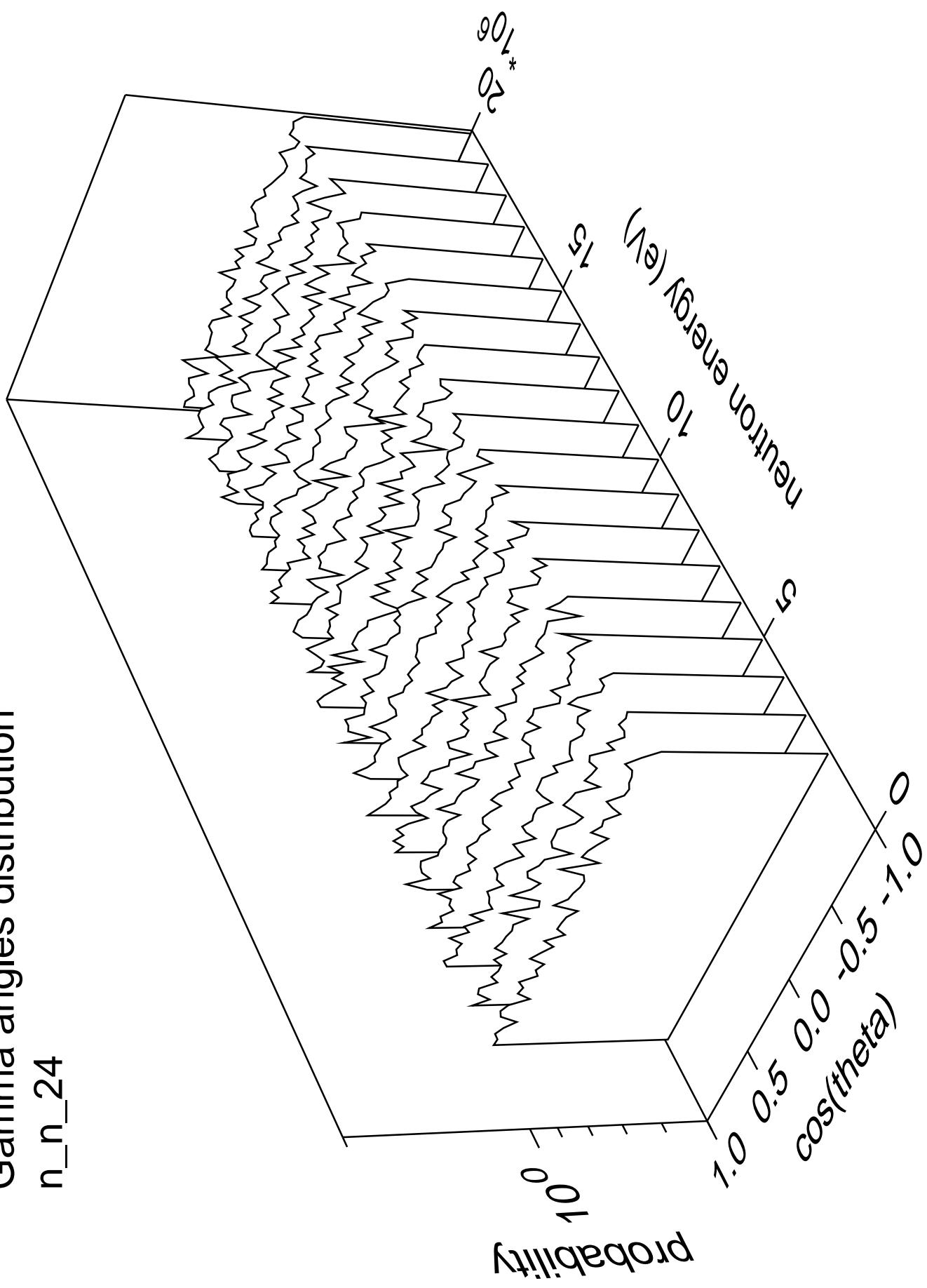


# Gamma energy distribution n\_n\_24

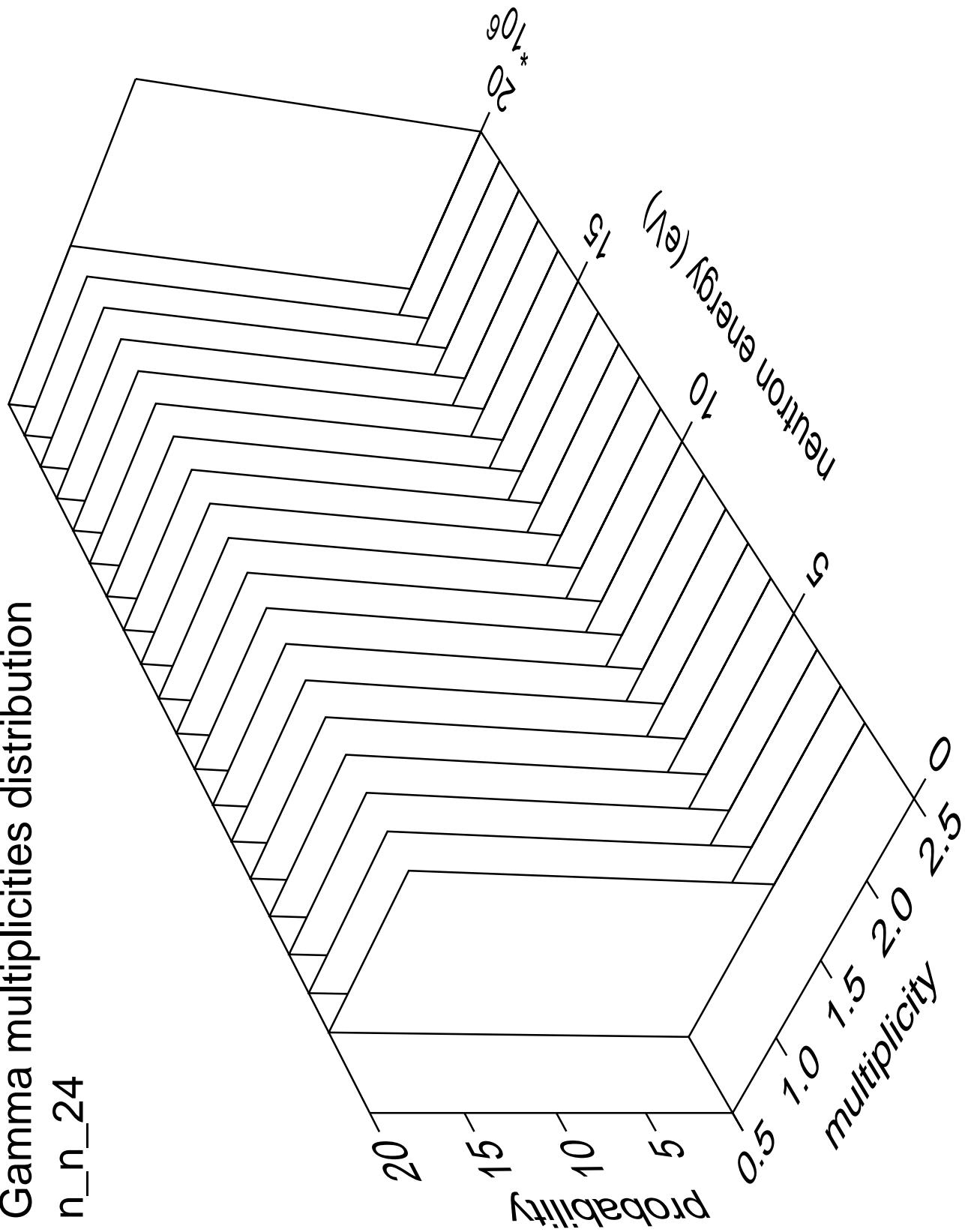


Gamma angles distribution

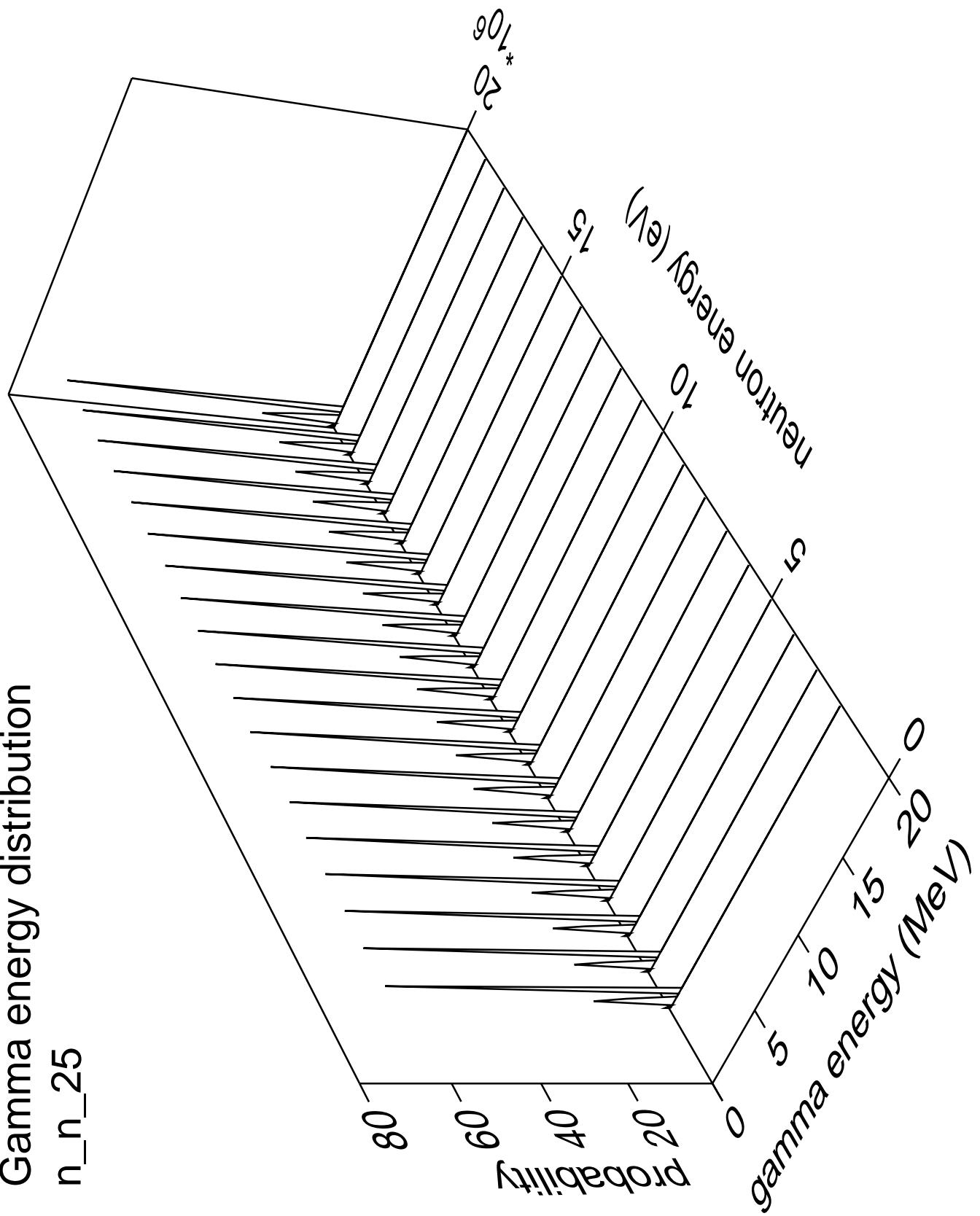
n\_n\_24



# Gamma multiplicities distribution

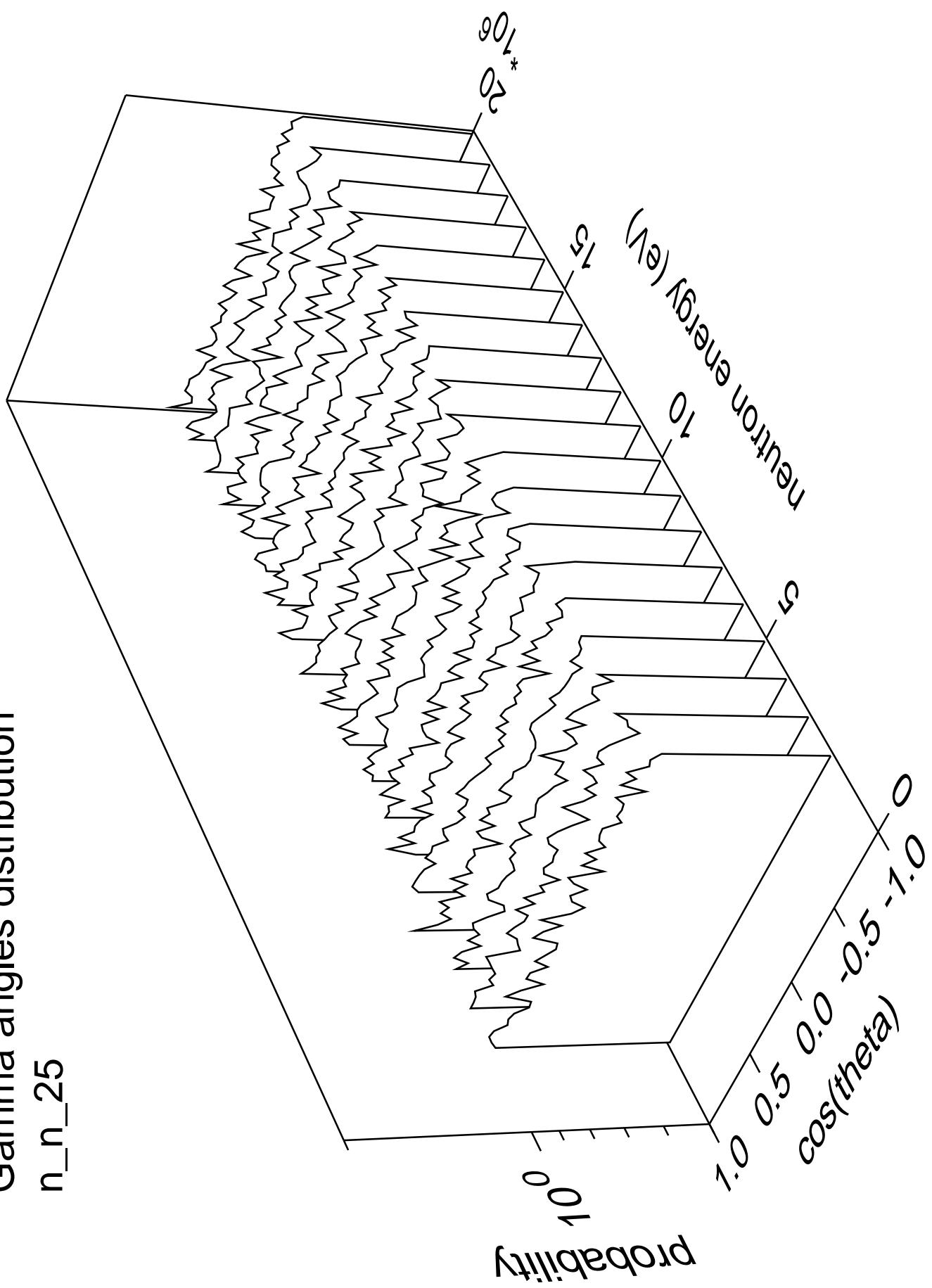


# n\_n\_25

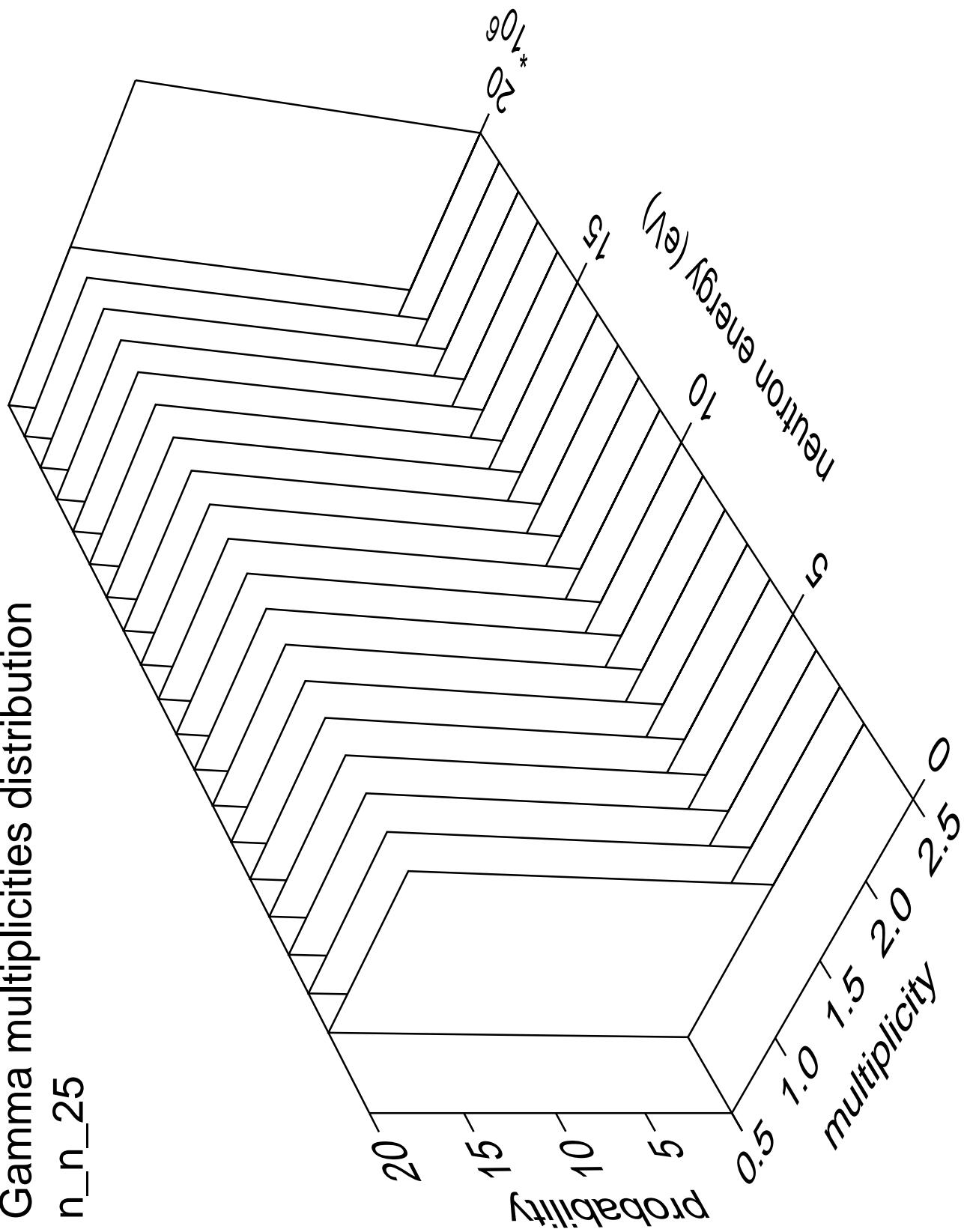


Gamma angles distribution

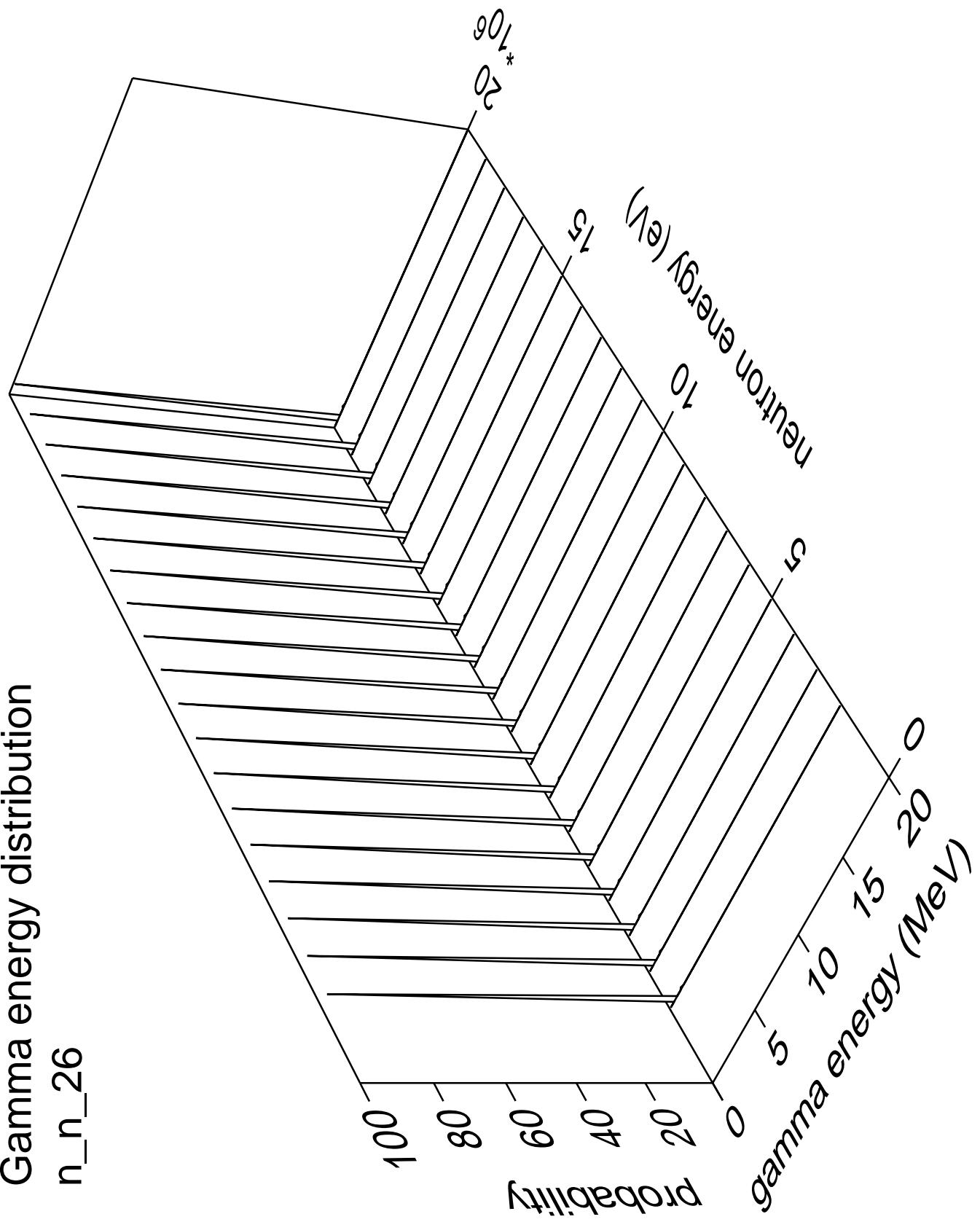
n\_n\_25



# Gamma multiplicities distribution

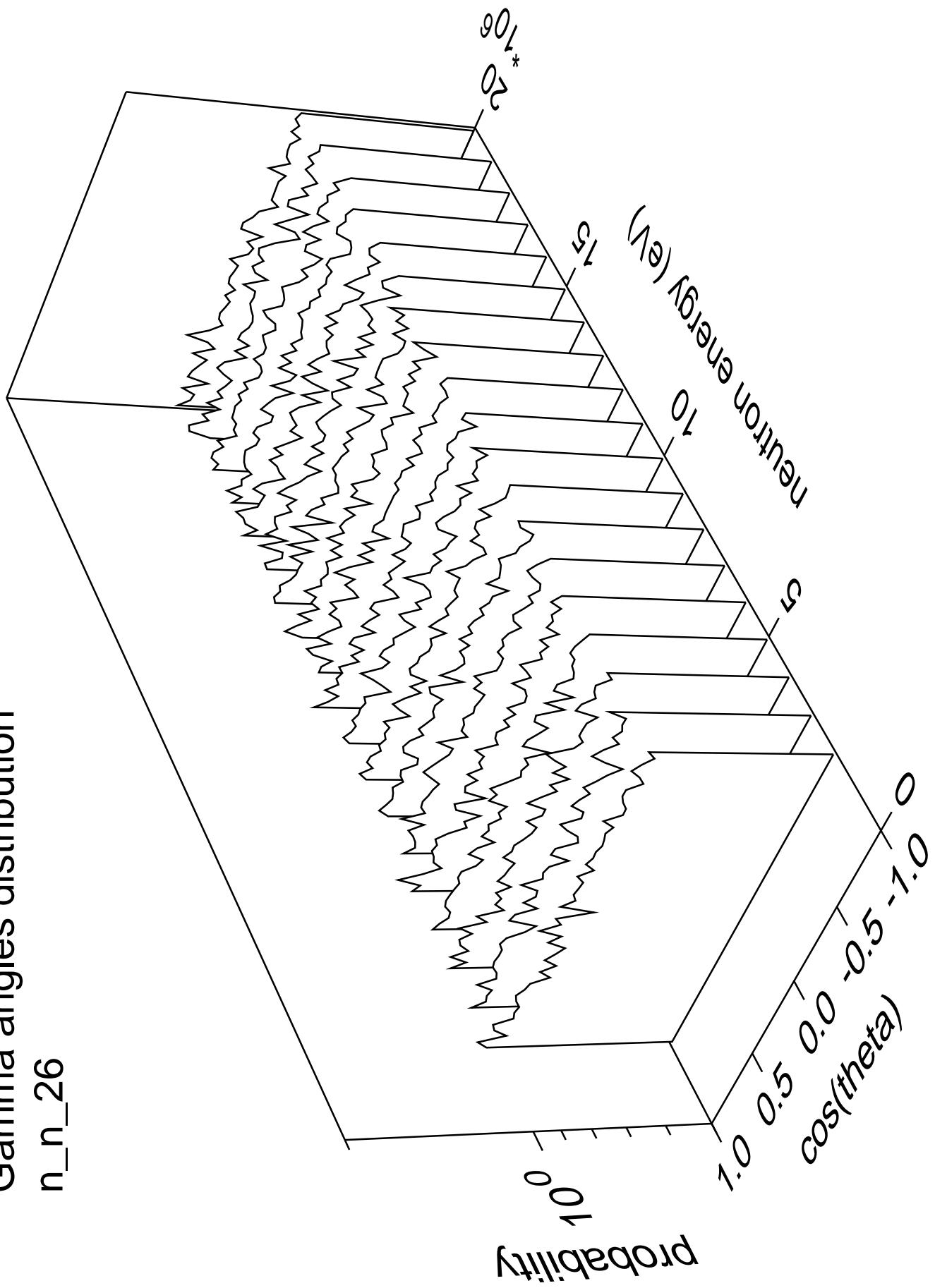


# Gamma energy distribution

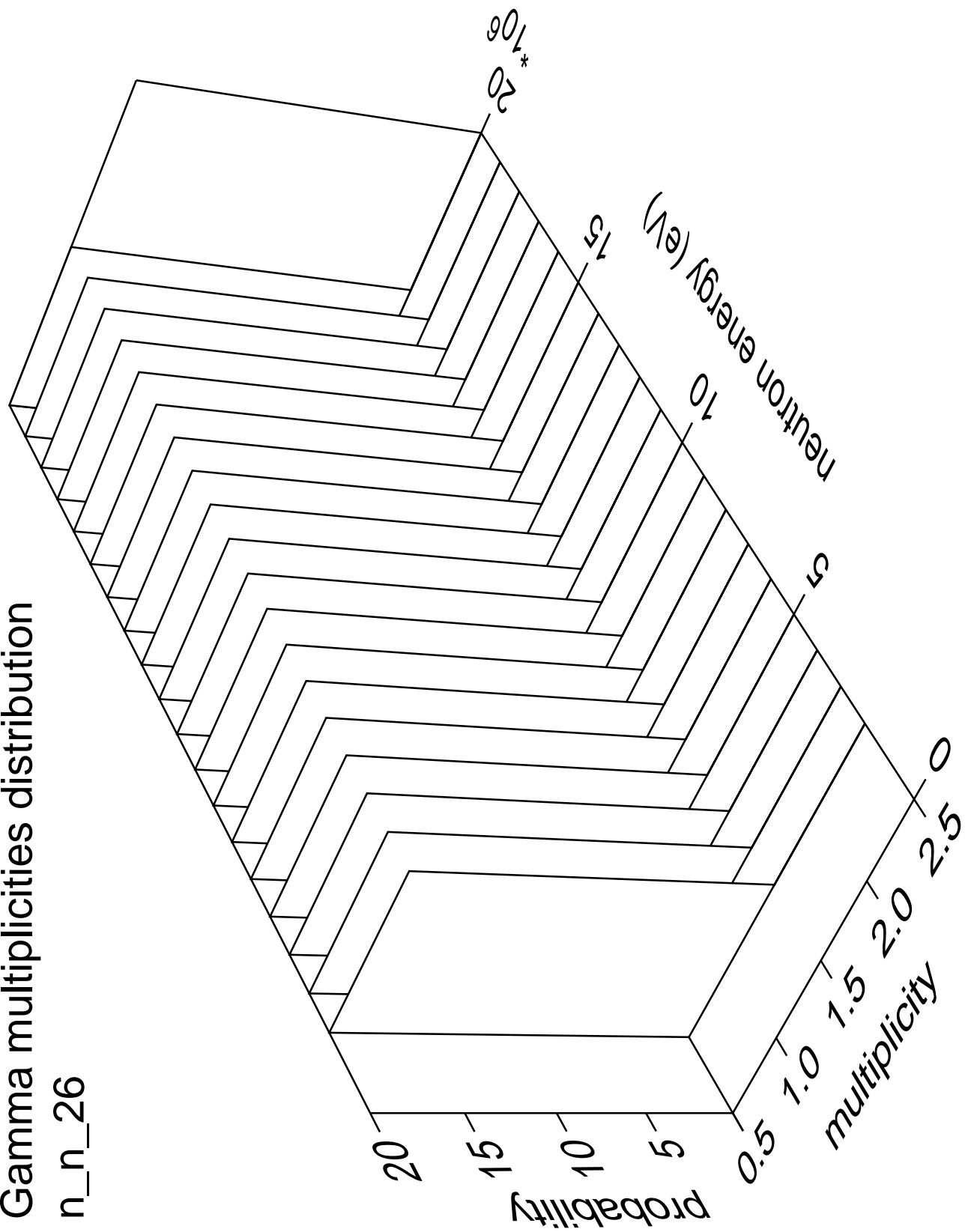


Gamma angles distribution

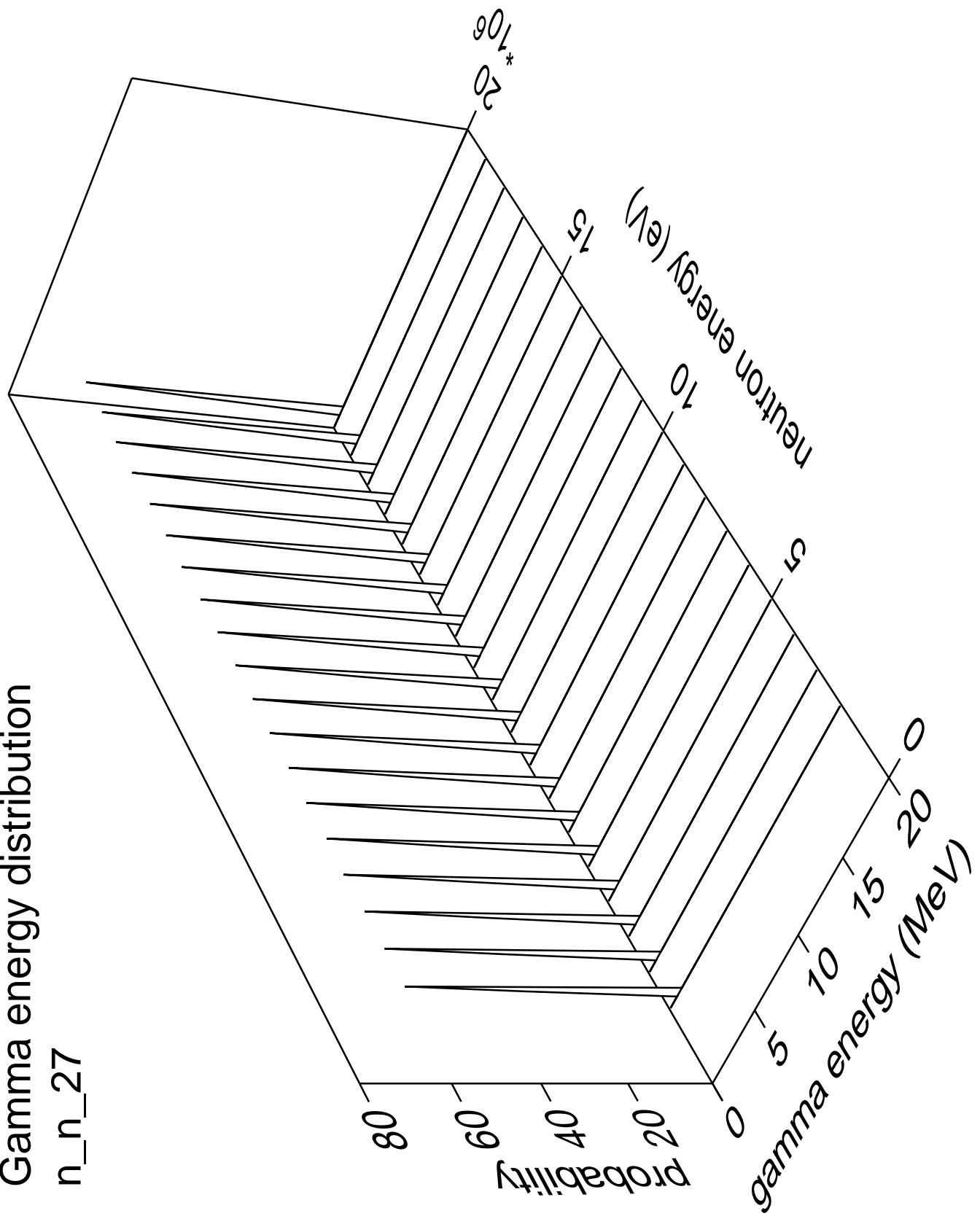
n\_n\_26



# Gamma multiplicities distribution

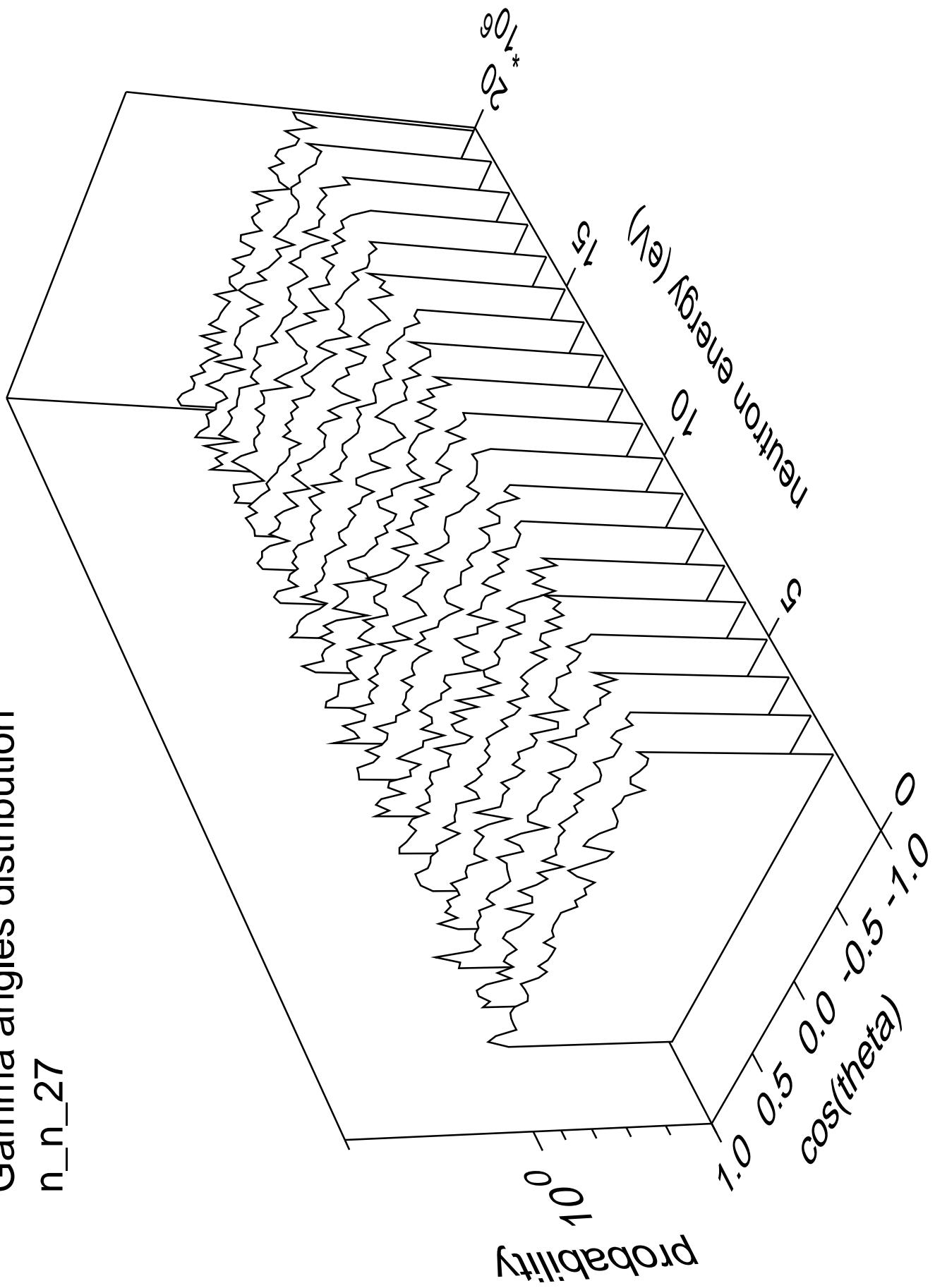


# Gamma energy distribution n\_n\_27

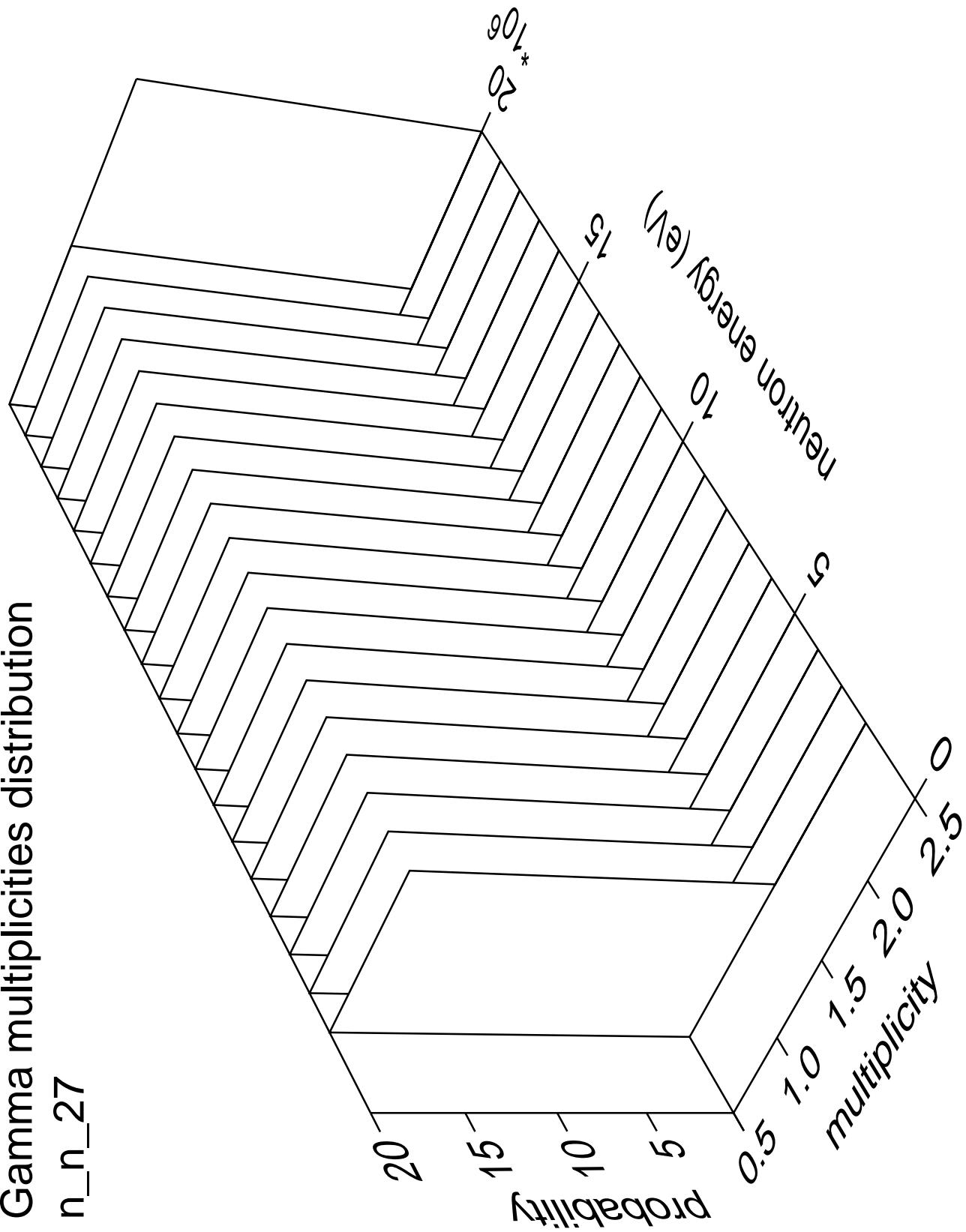


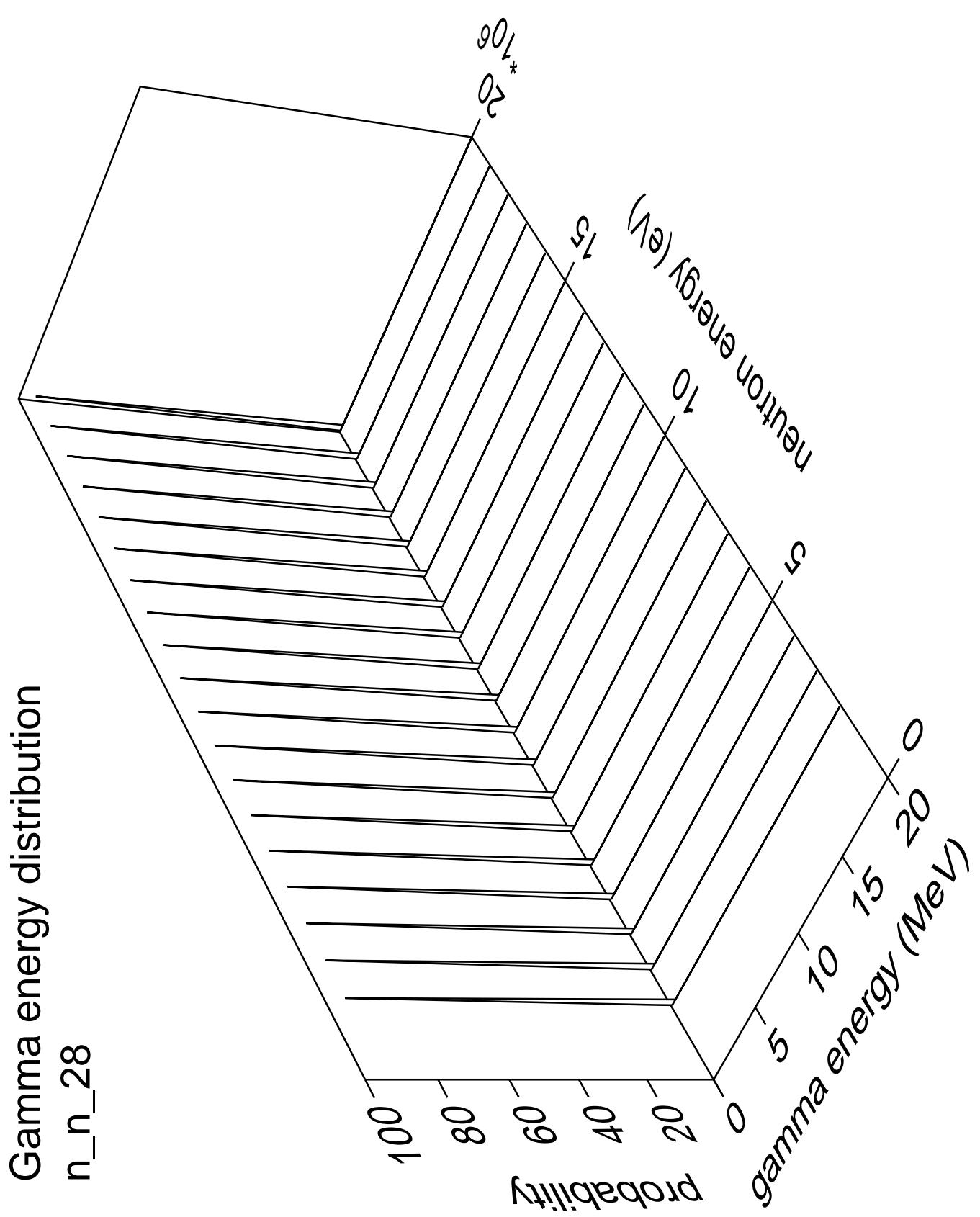
Gamma angles distribution

n\_n\_27



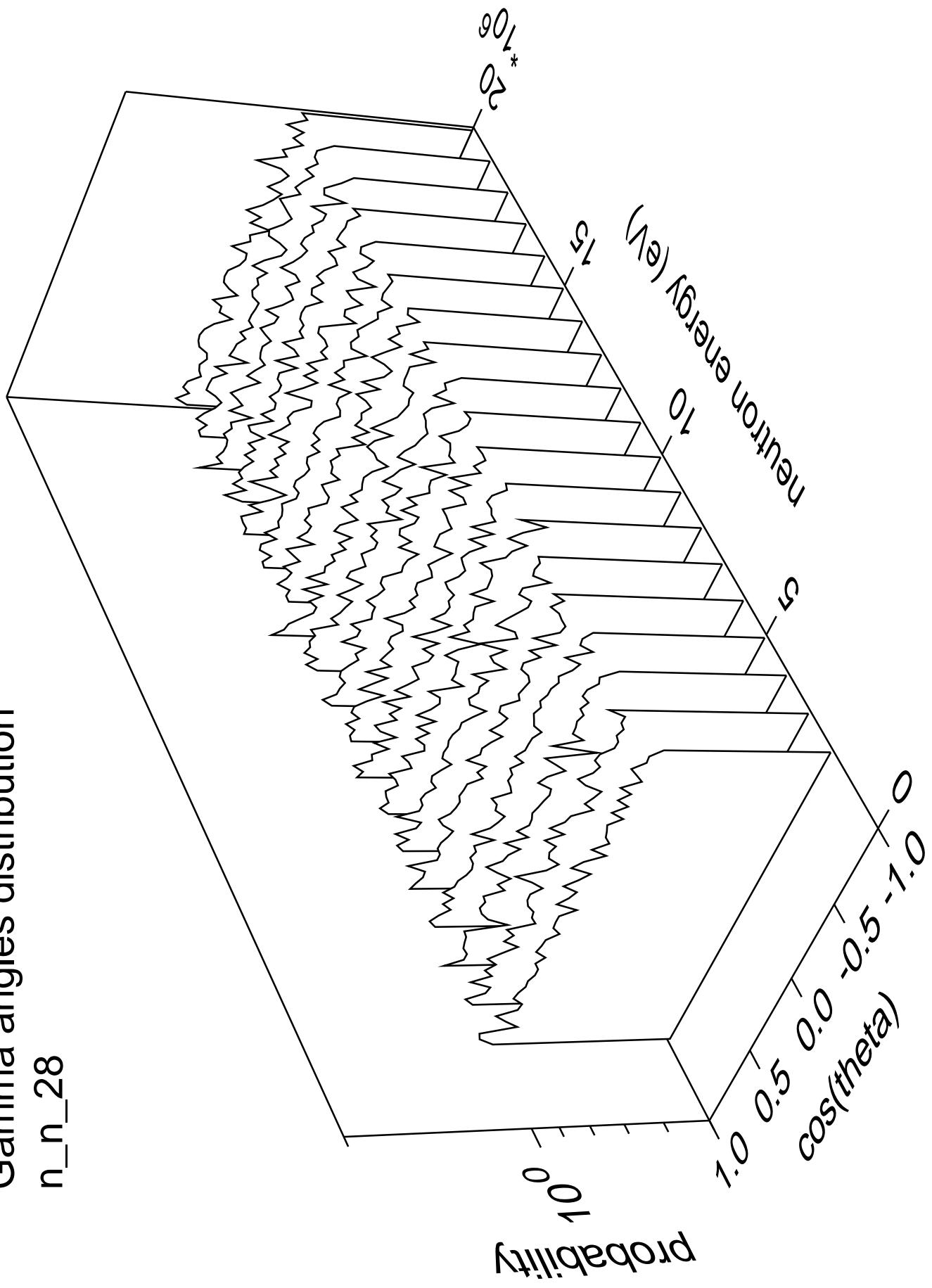
# Gamma multiplicities distribution



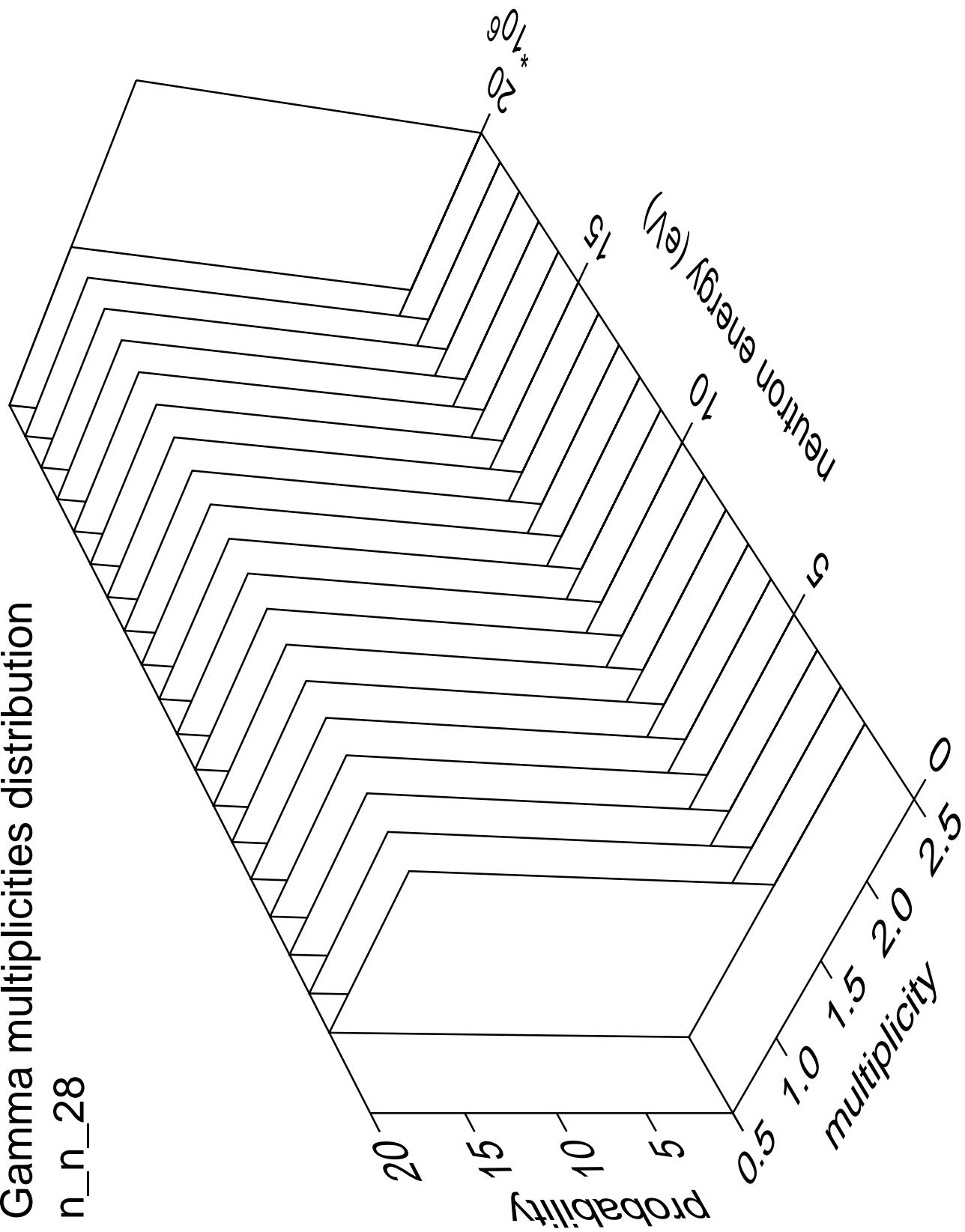


Gamma angles distribution

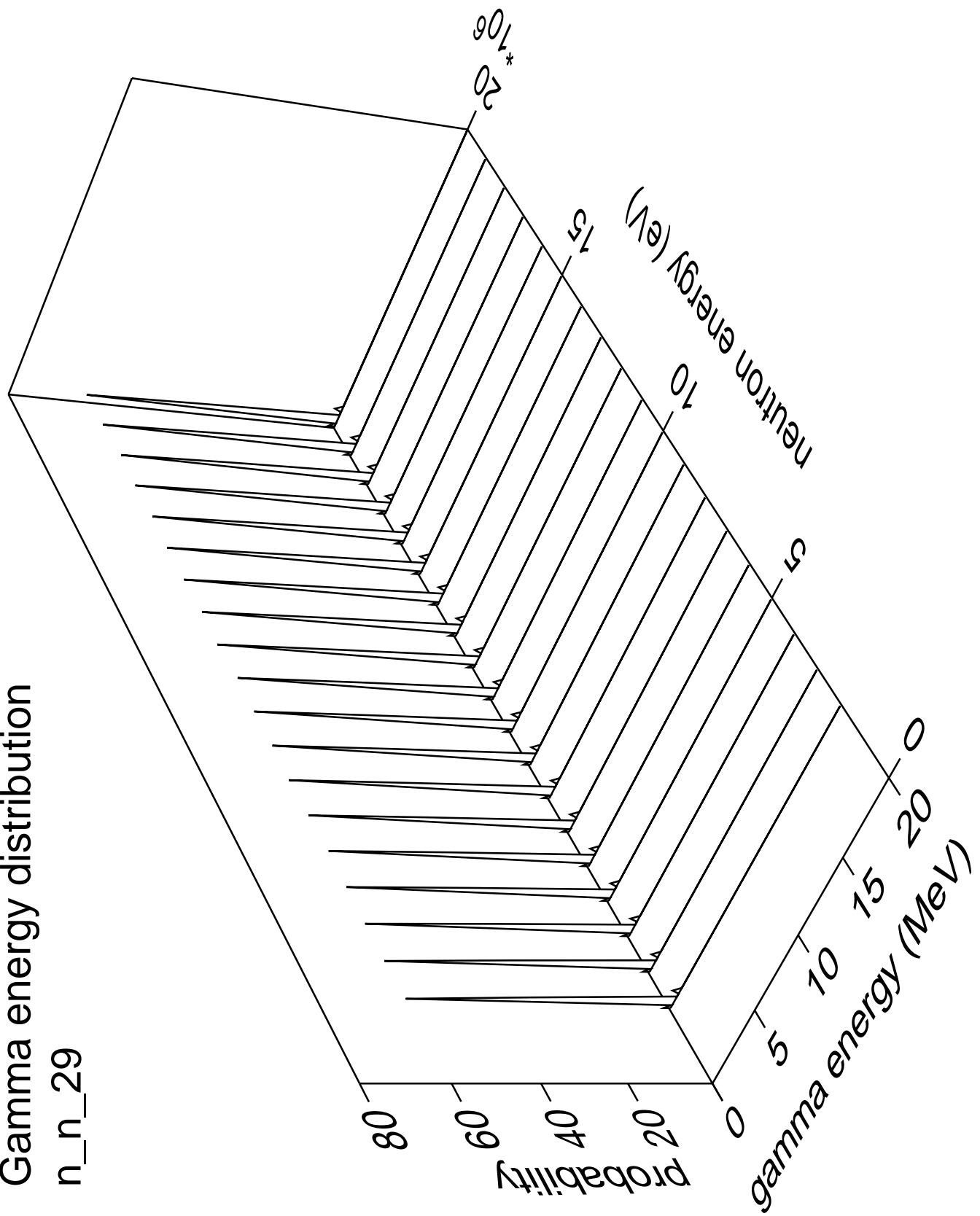
n\_n\_28



# Gamma multiplicities distribution

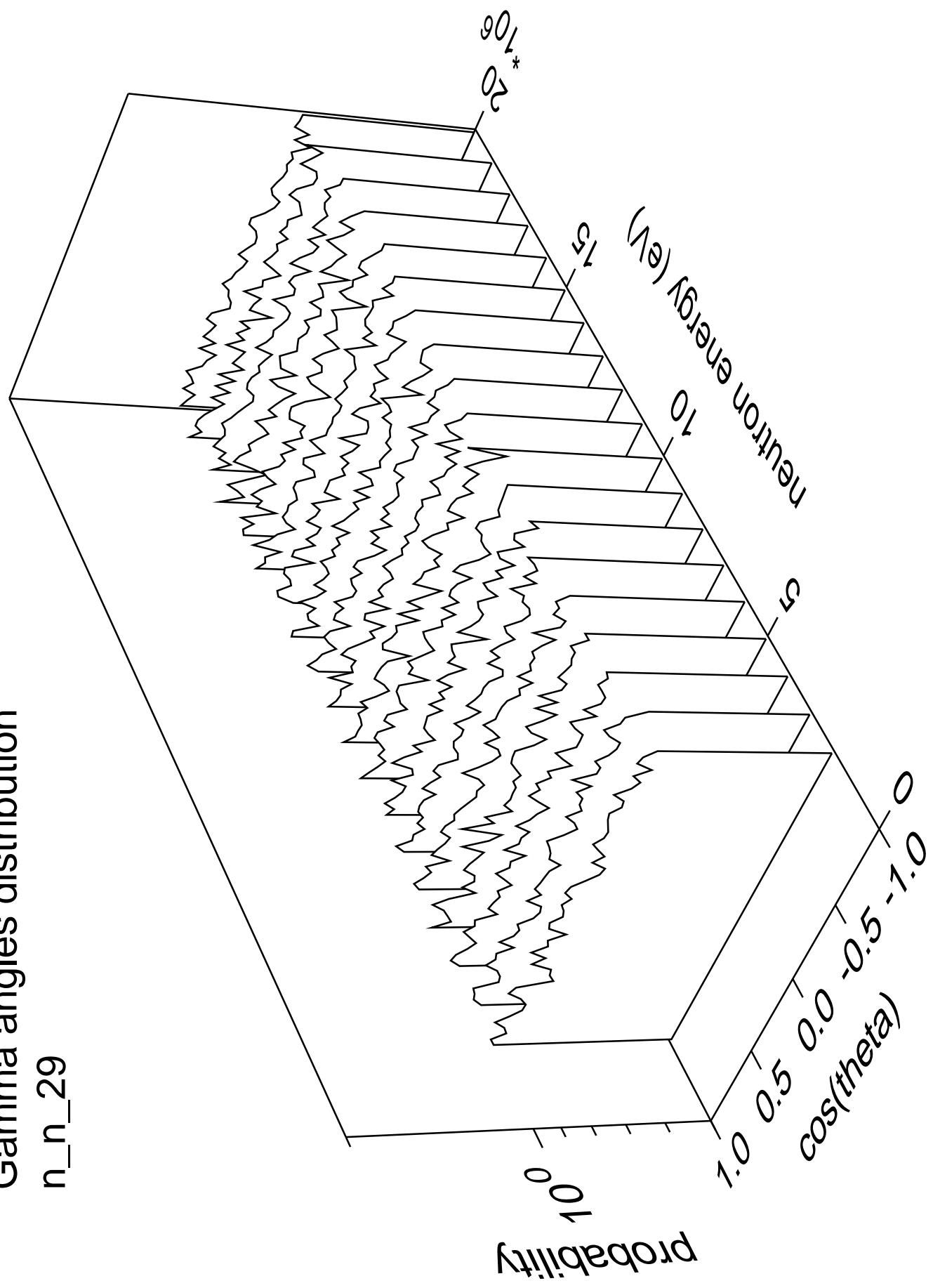


# Gamma energy distribution n\_n\_29

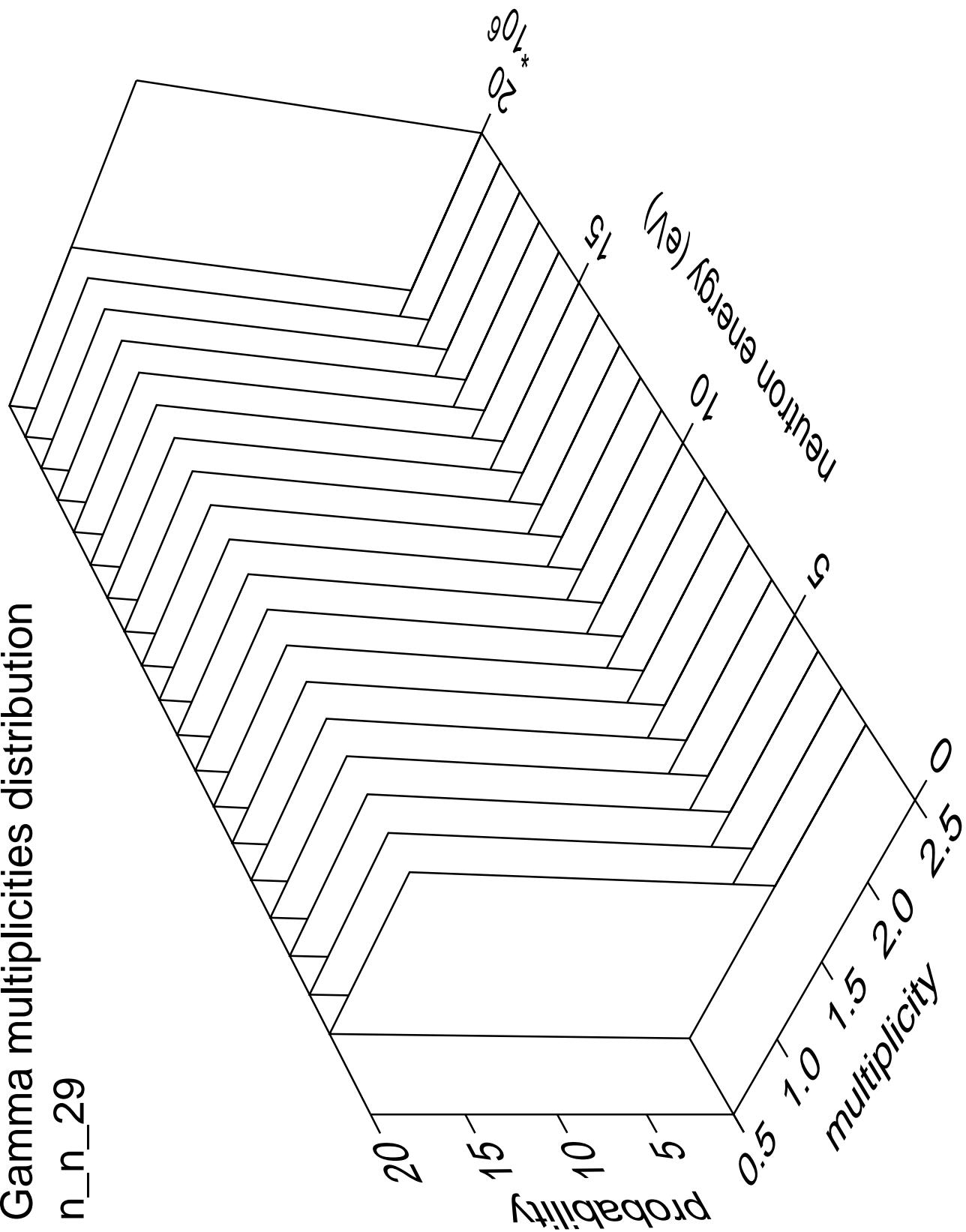


## Gamma angles distribution

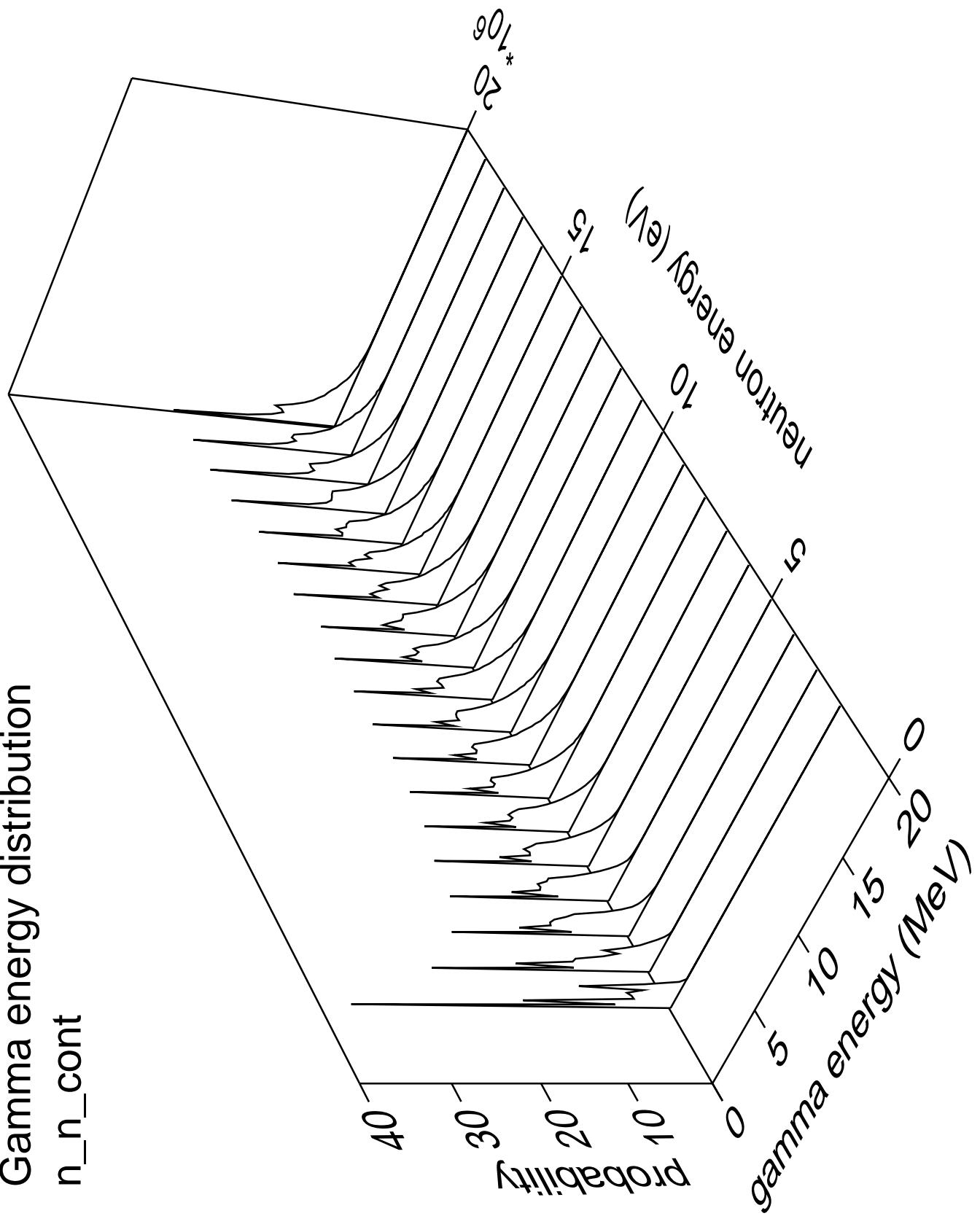
n\_n\_29



# Gamma multiplicities distribution

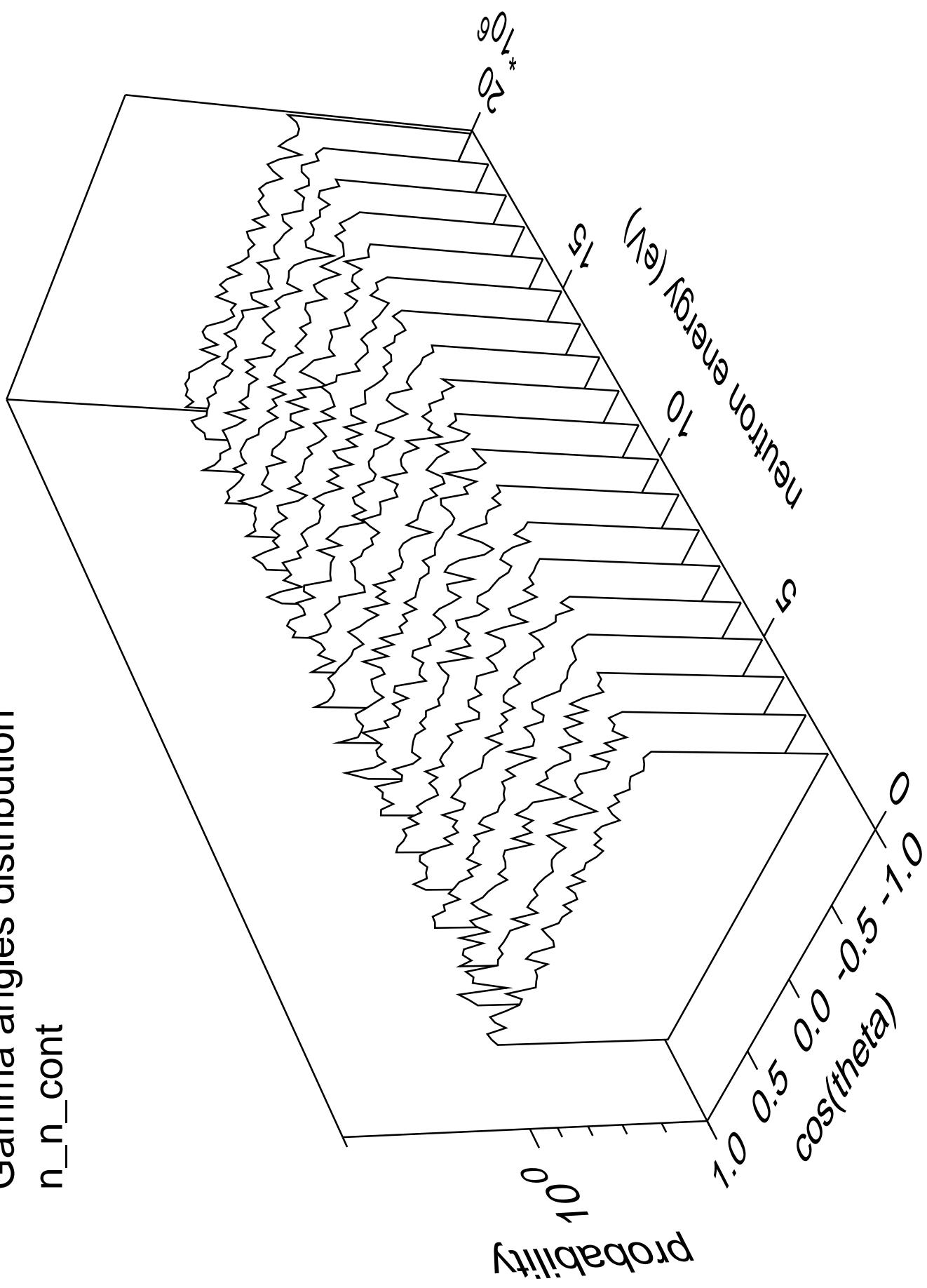


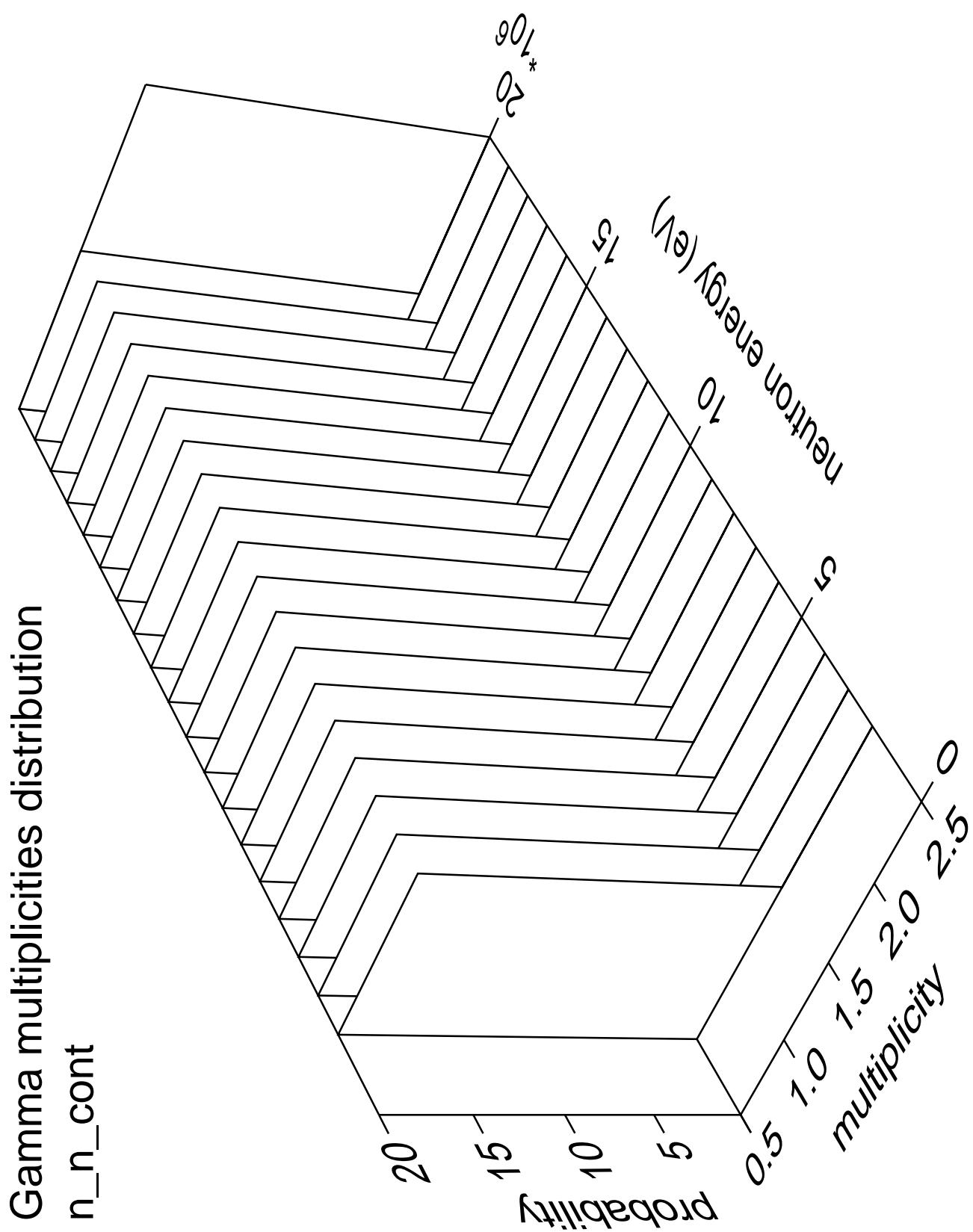
Gamma energy distribution  
n\_n\_cont

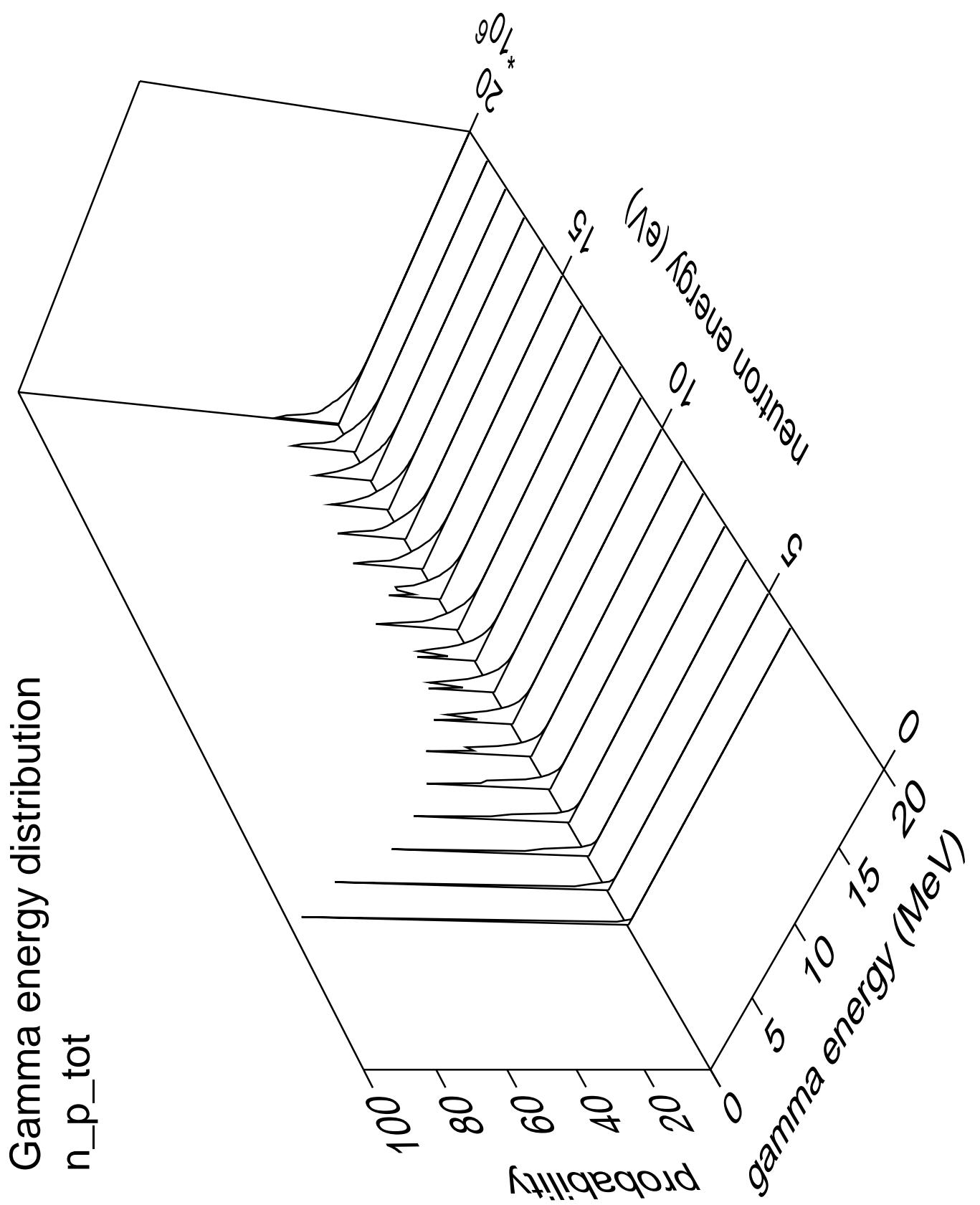


Gamma angles distribution

n\_n\_cont







Gamma angles distribution

$n_p_{tot}$

Probability

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

$1.0$

$0.5$

$0.0$

$-0.5$

$-1.0$

$\cos(\theta)$

neutron energy (eV)

$10^6$

$10^5$

$10^4$

$10^3$

$10^2$

$10^1$

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

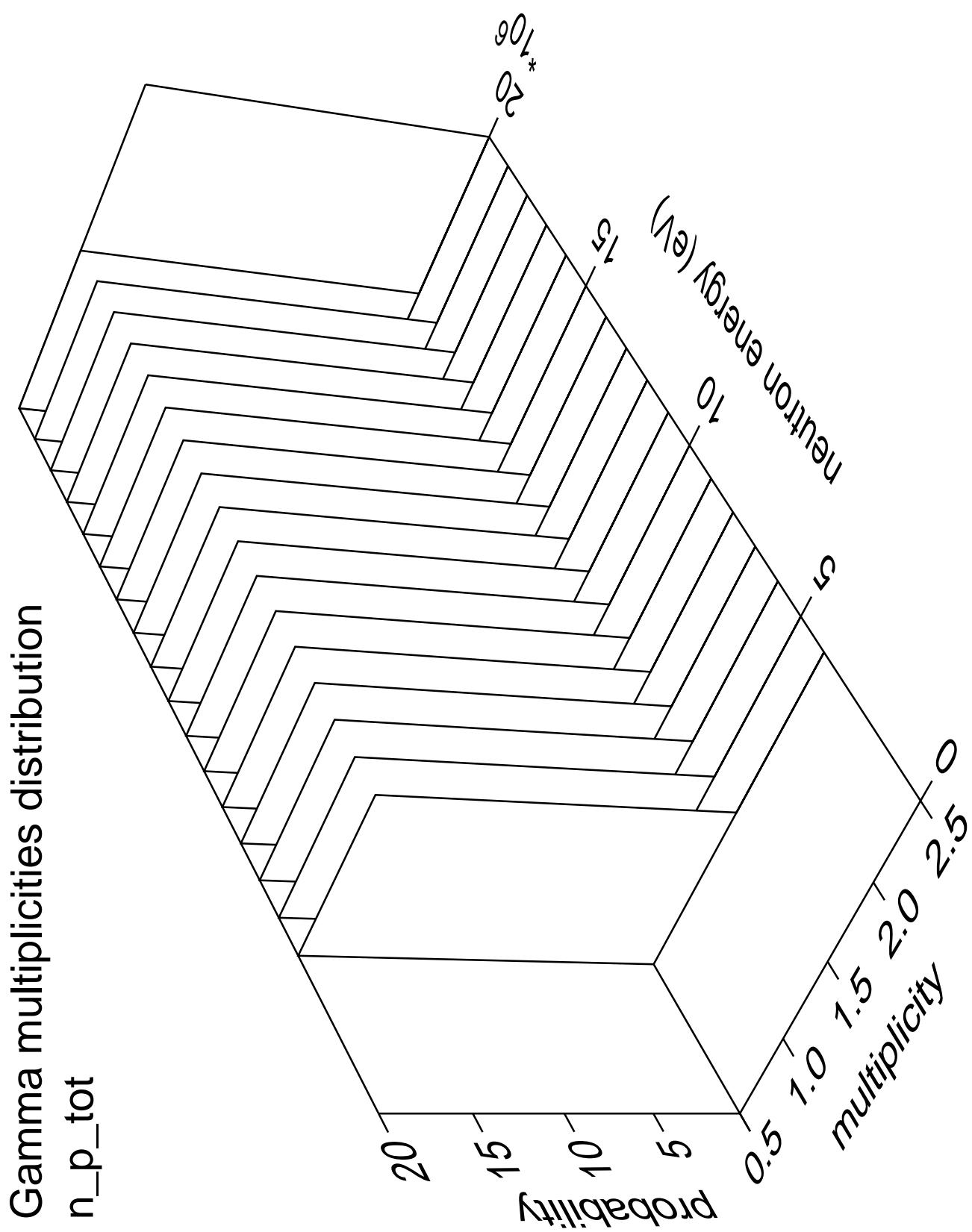
$10^{-7}$

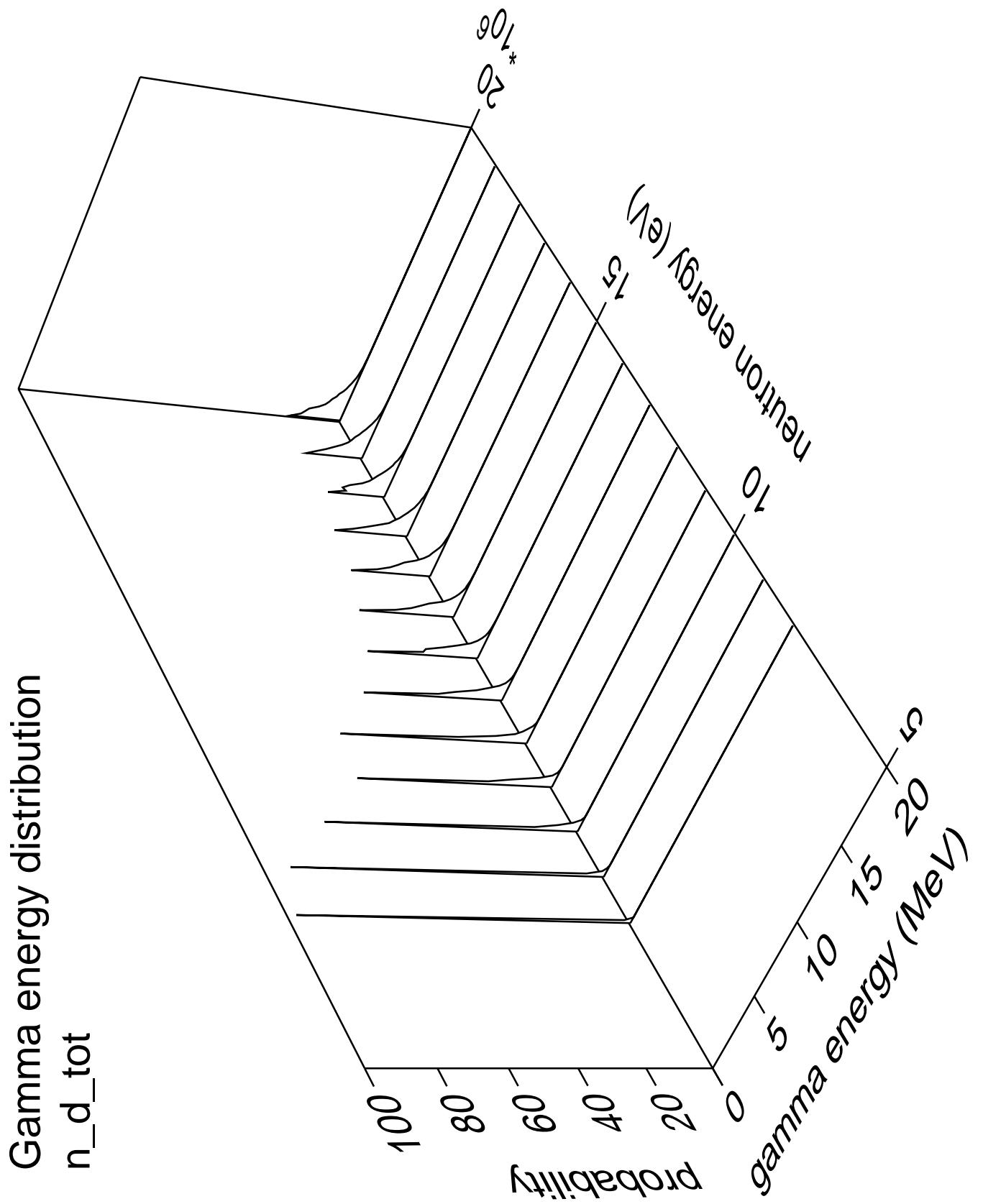
$10^{-8}$

$10^{-9}$

$10^{-10}$

$10^{-11}$





Gamma angles distribution

$n_d_{tot}$

Probability

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

$10^{-7}$

$10^{-8}$

$10^{-9}$

neutron energy (eV)

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$\cos(\theta)$

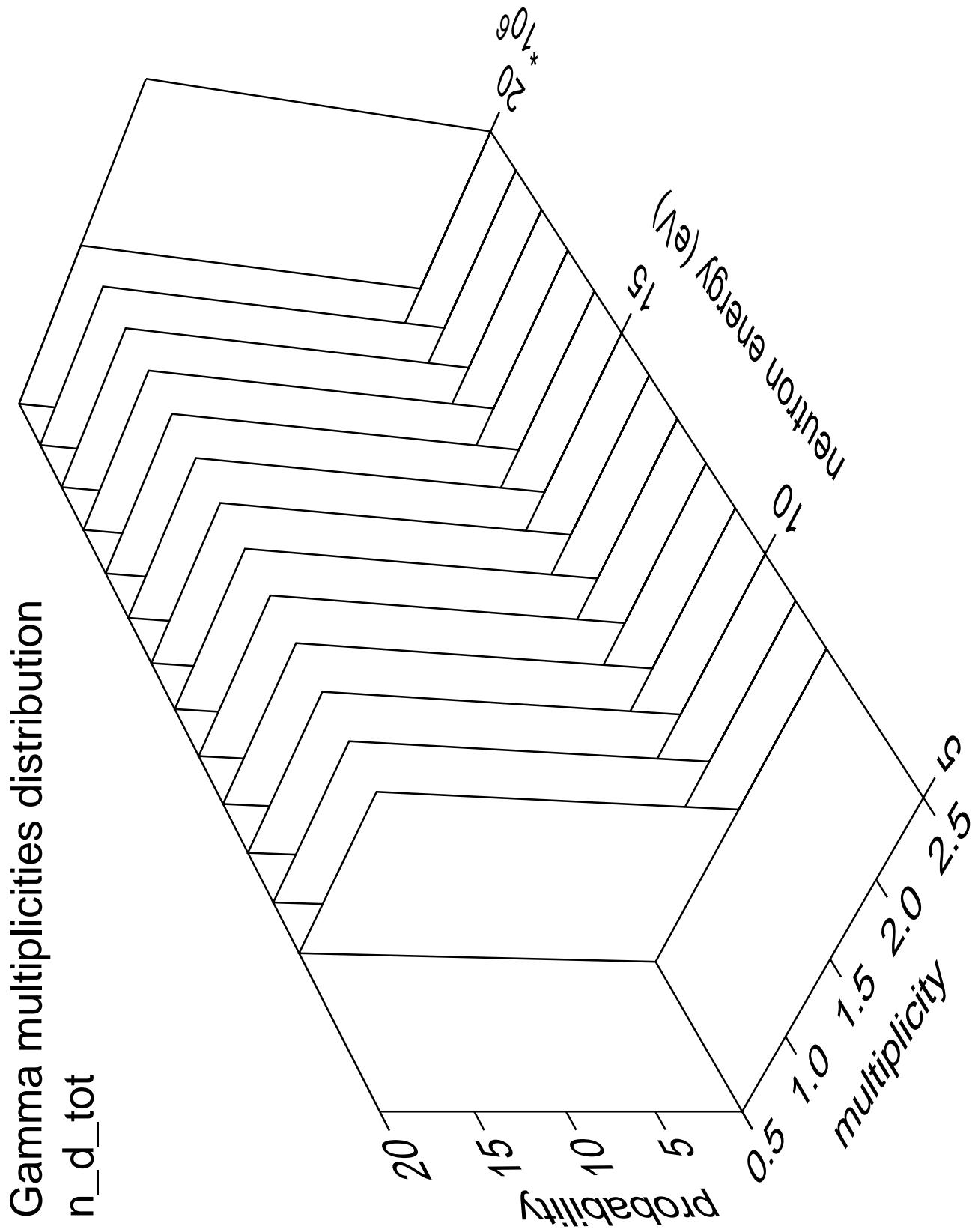
$1.0$

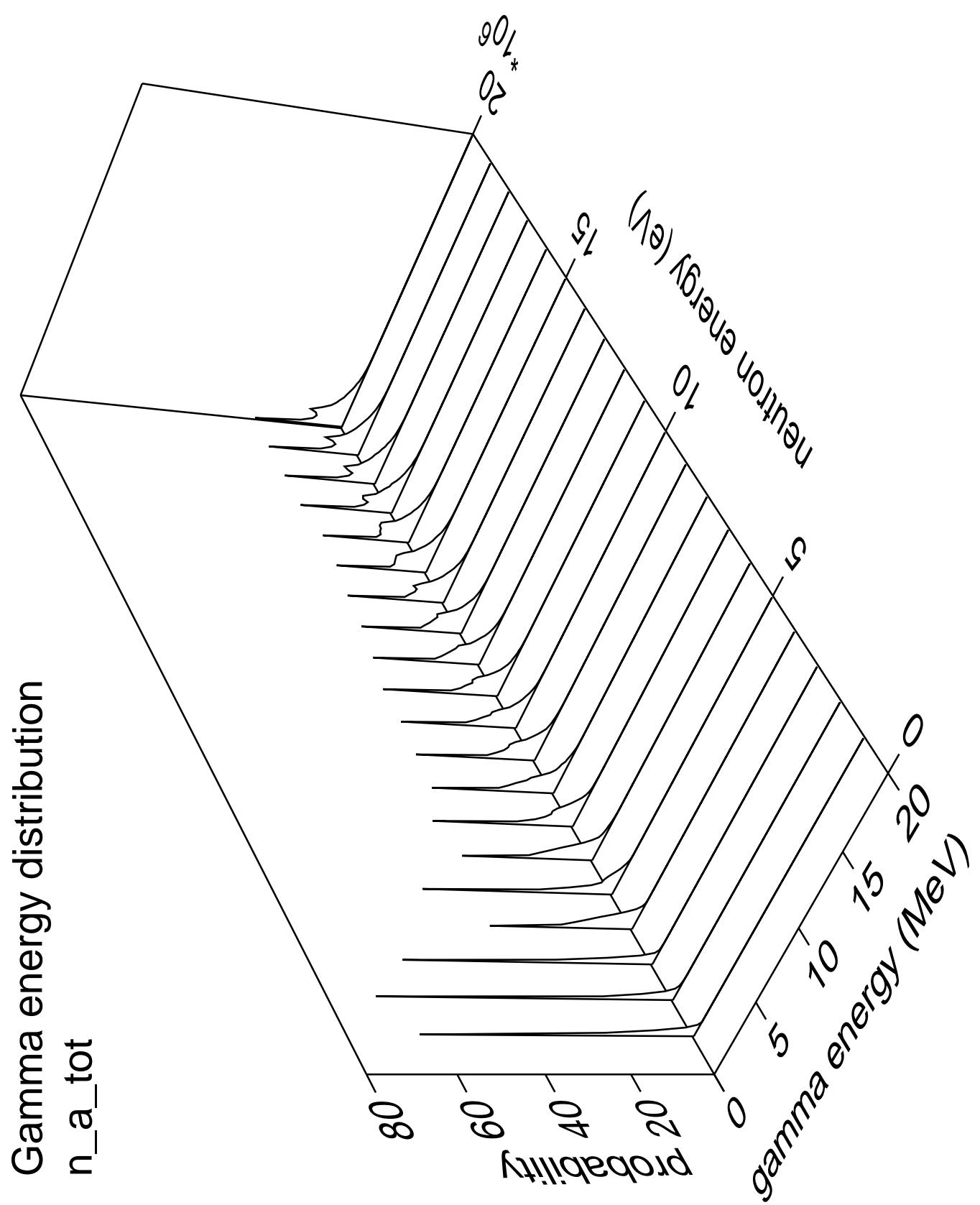
$0.5$

$0.0$

$-0.5$

$-1.0$





Gamma angles distribution

$n_a_{tot}$

