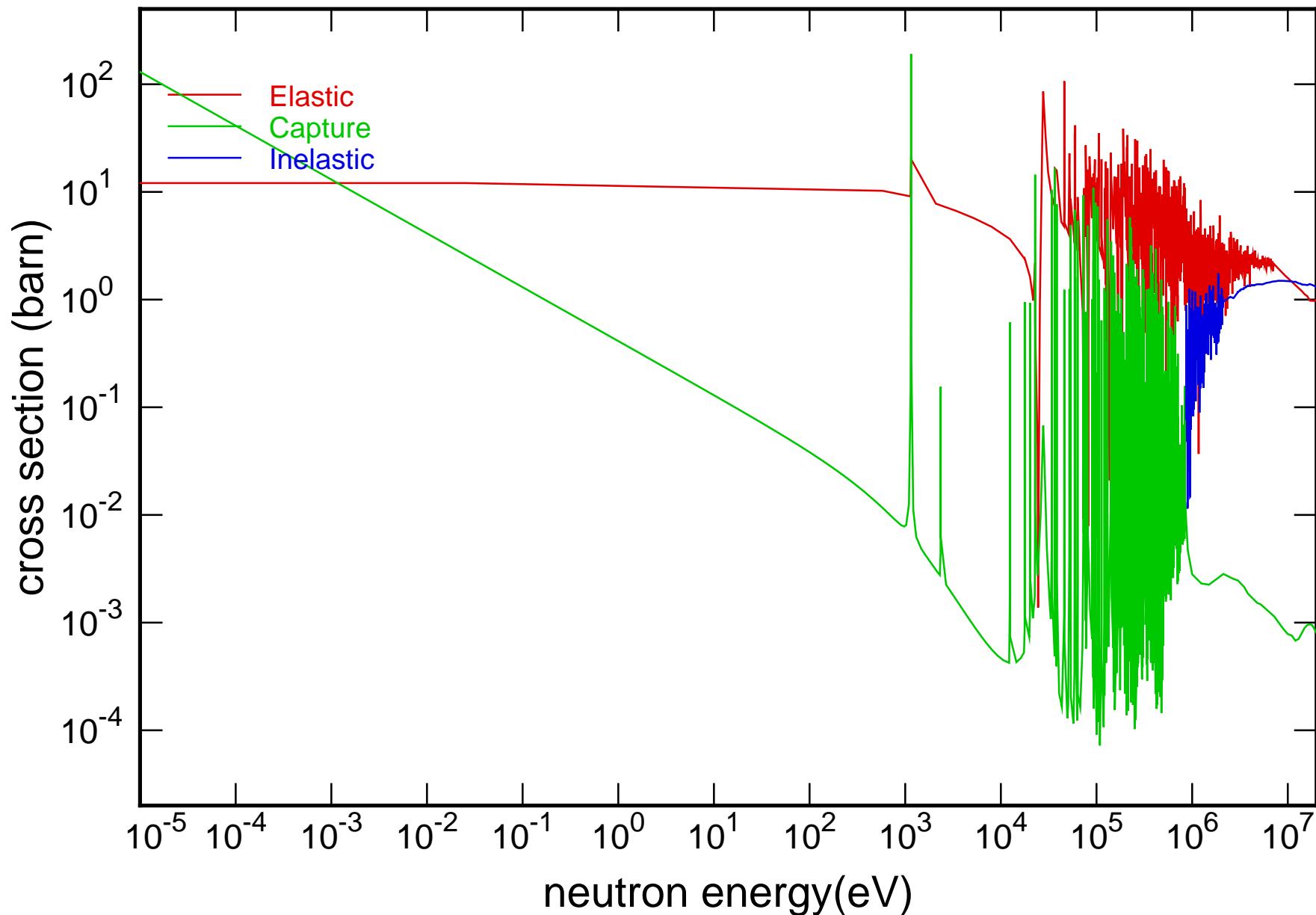
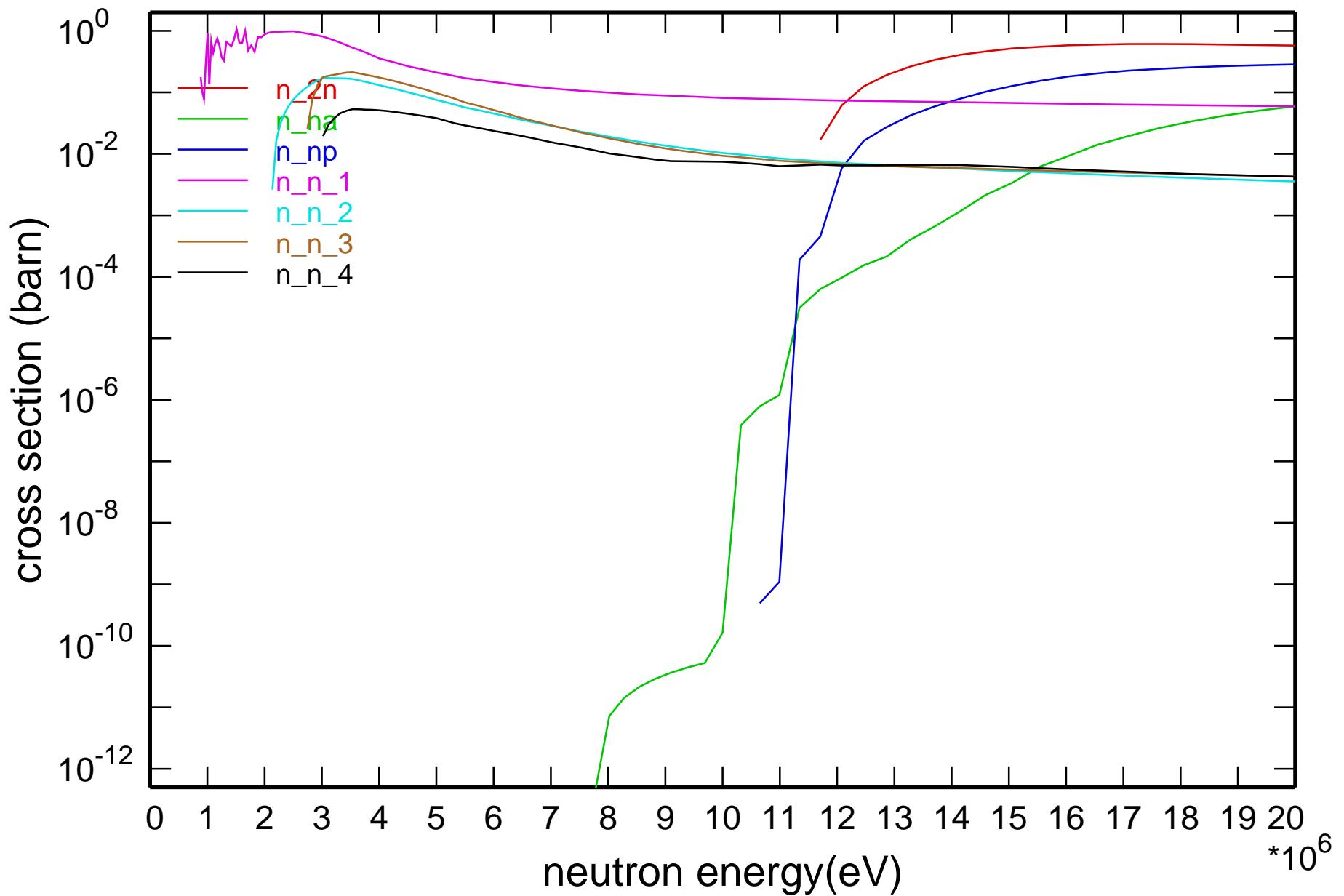


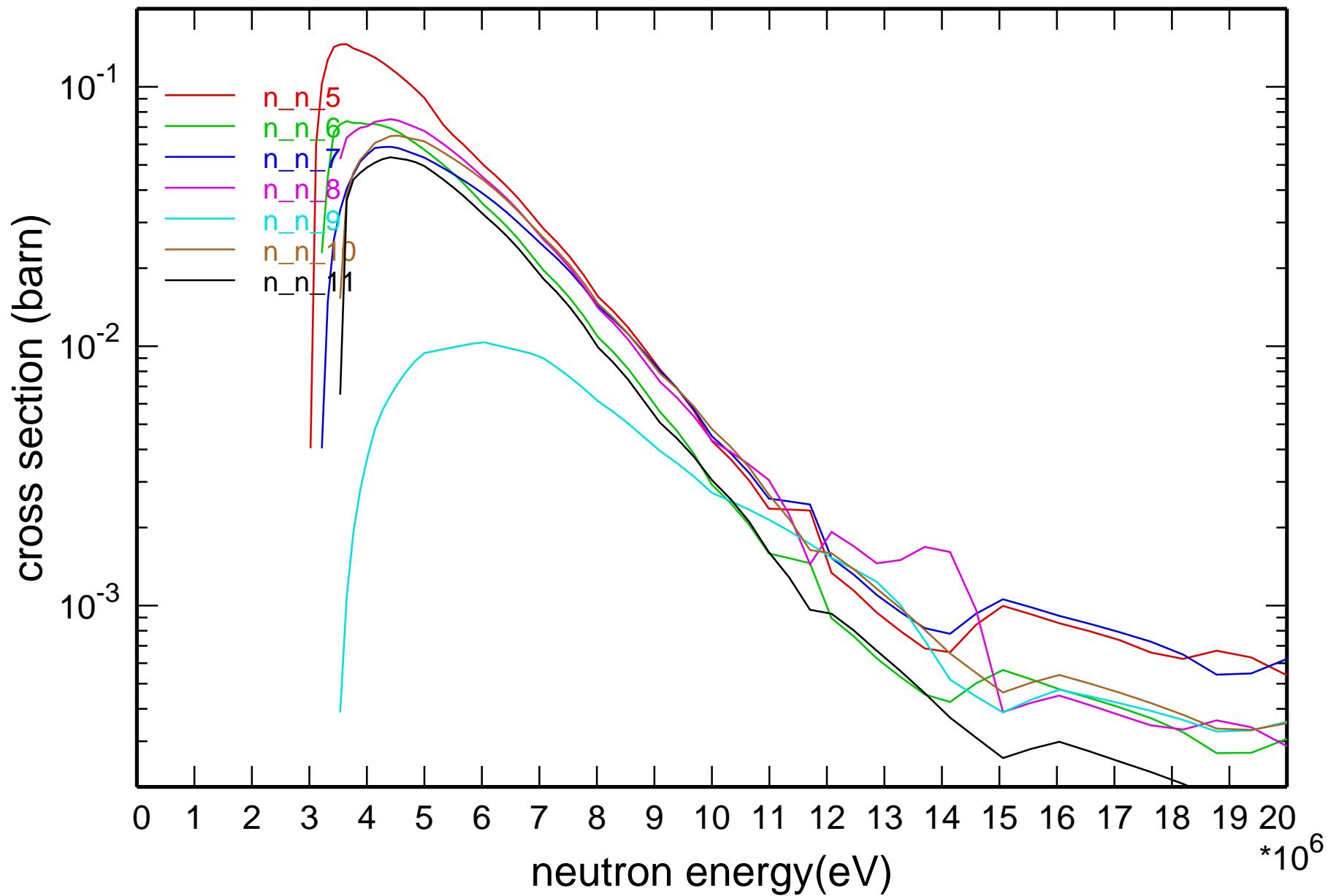
## Main Cross Sections

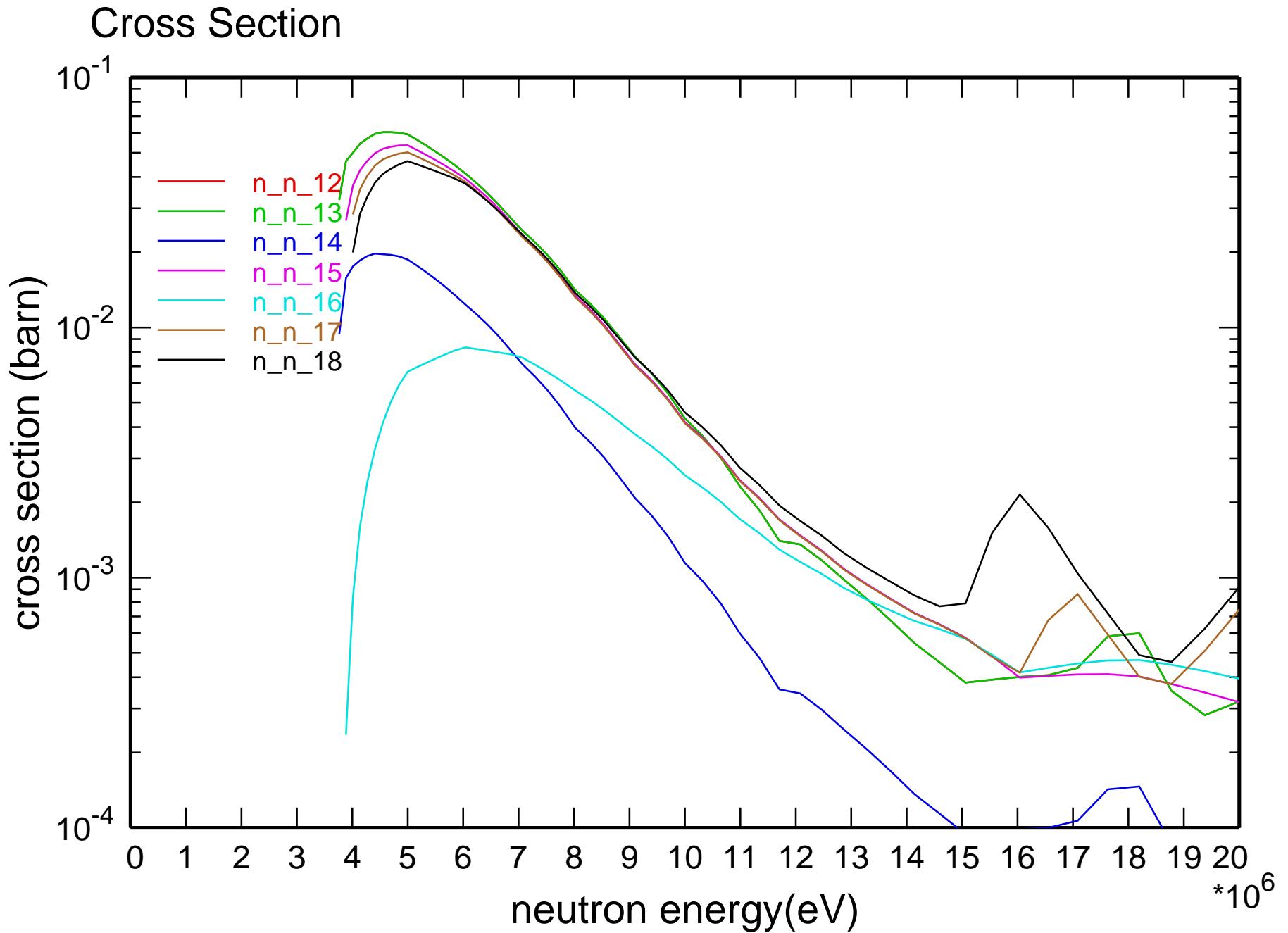


# Cross Section

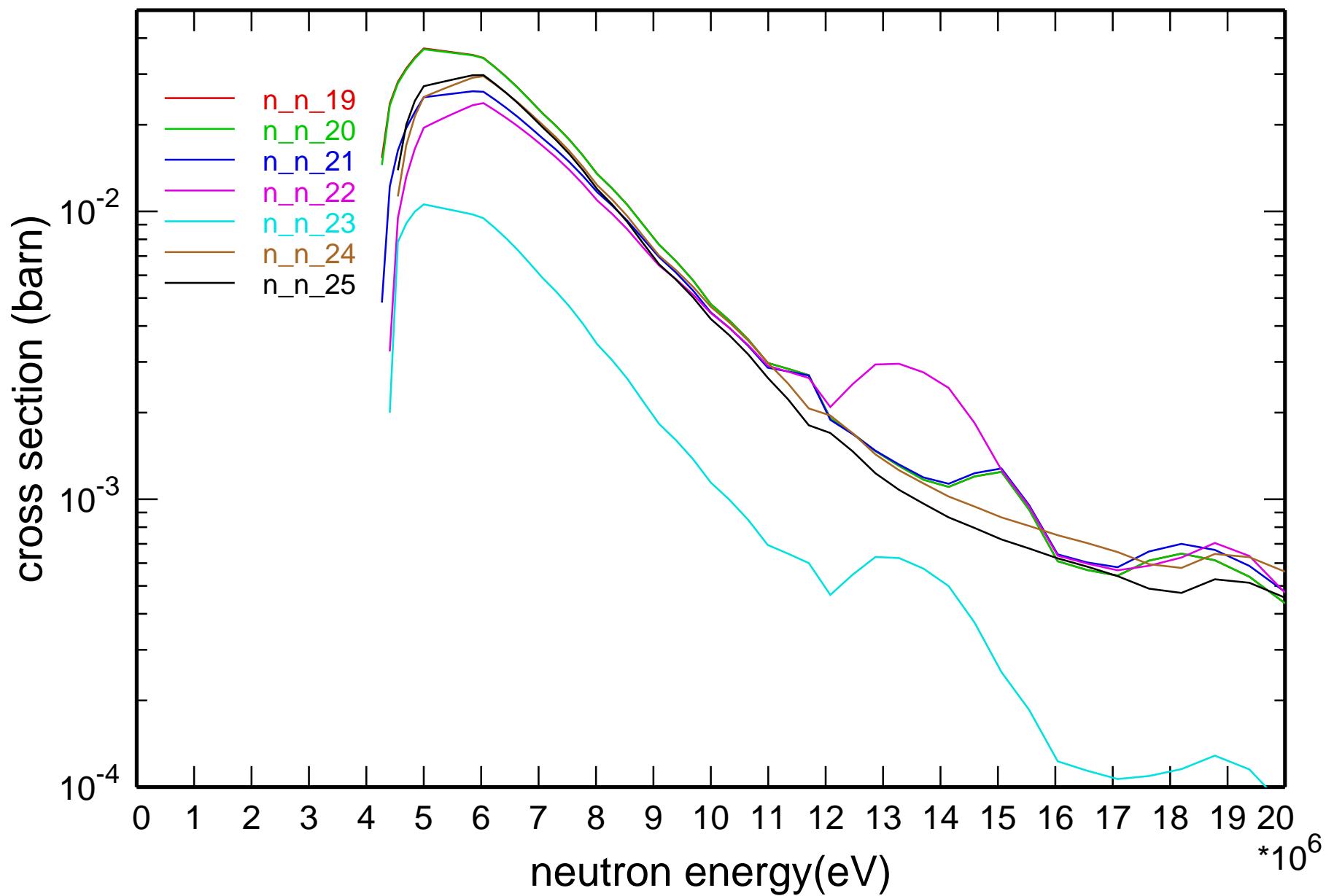


# Cross Section

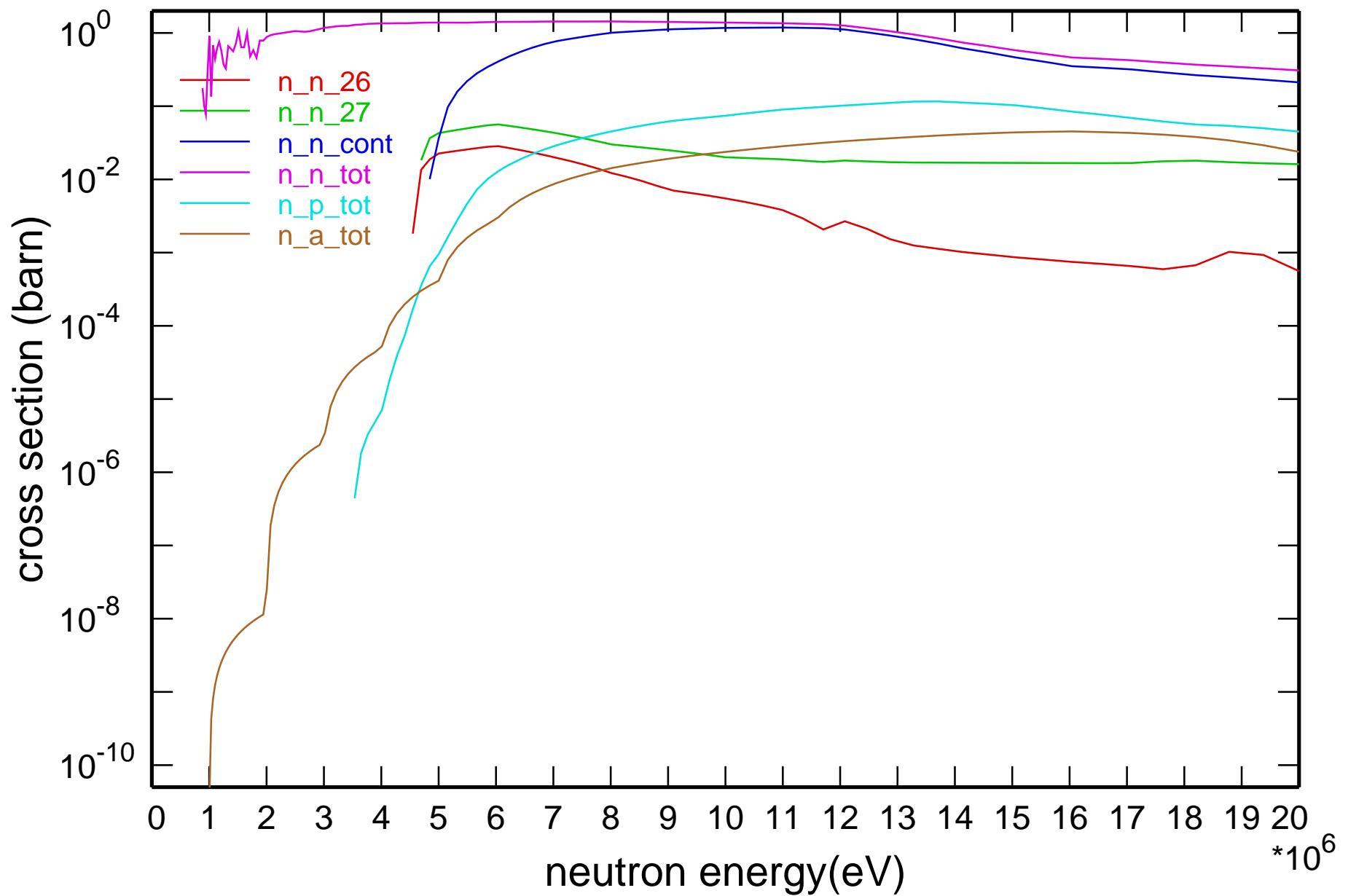


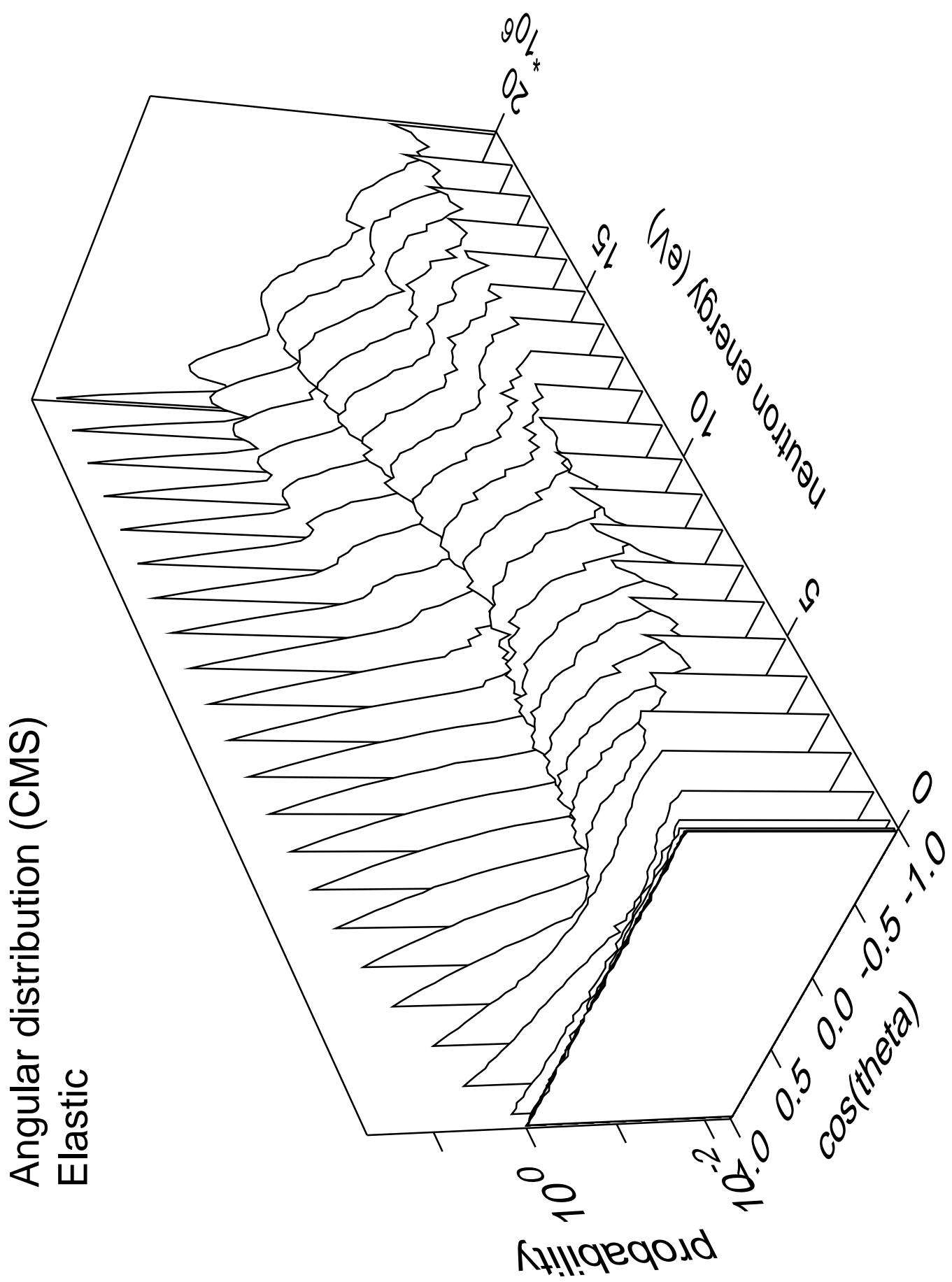


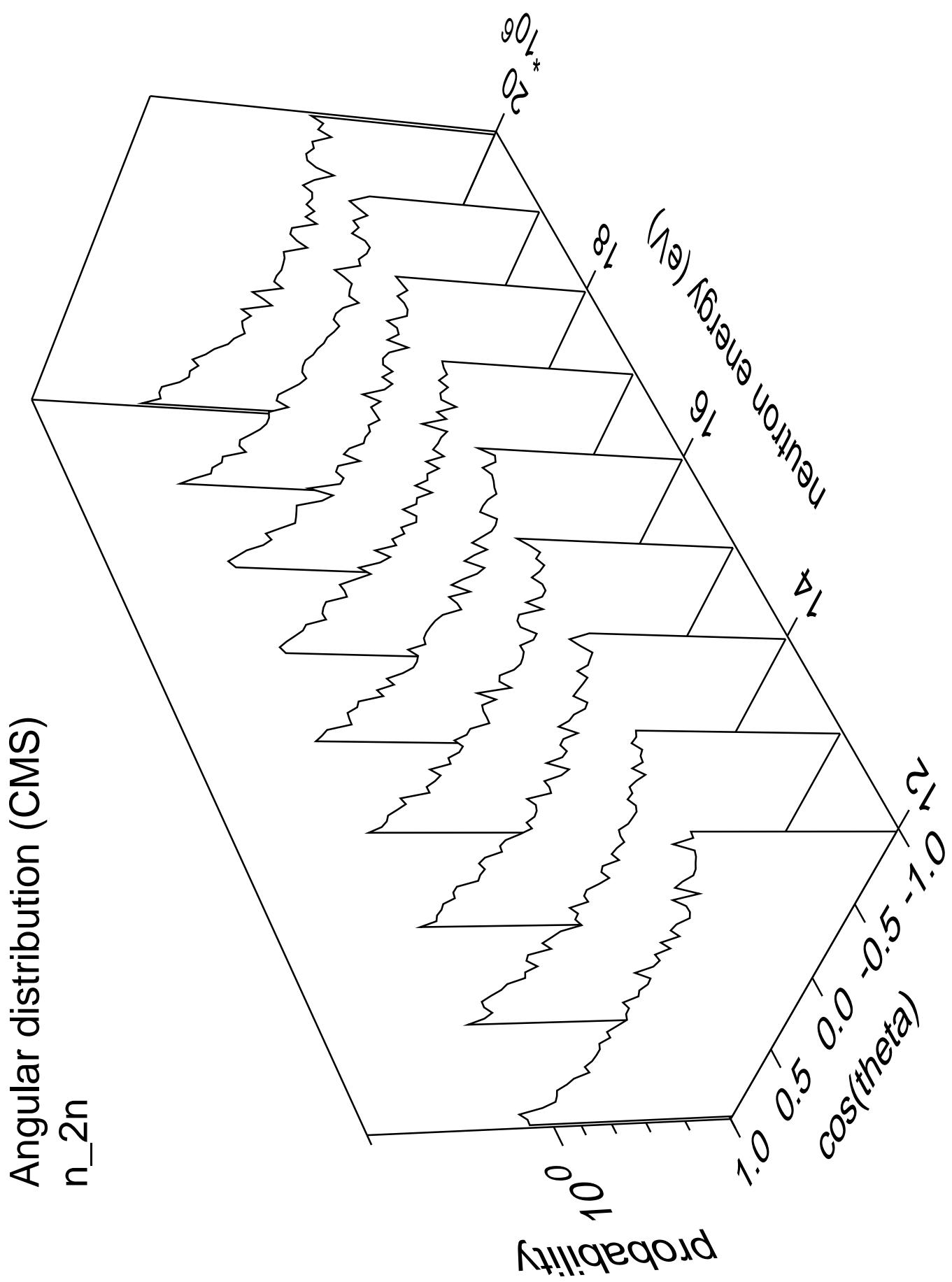
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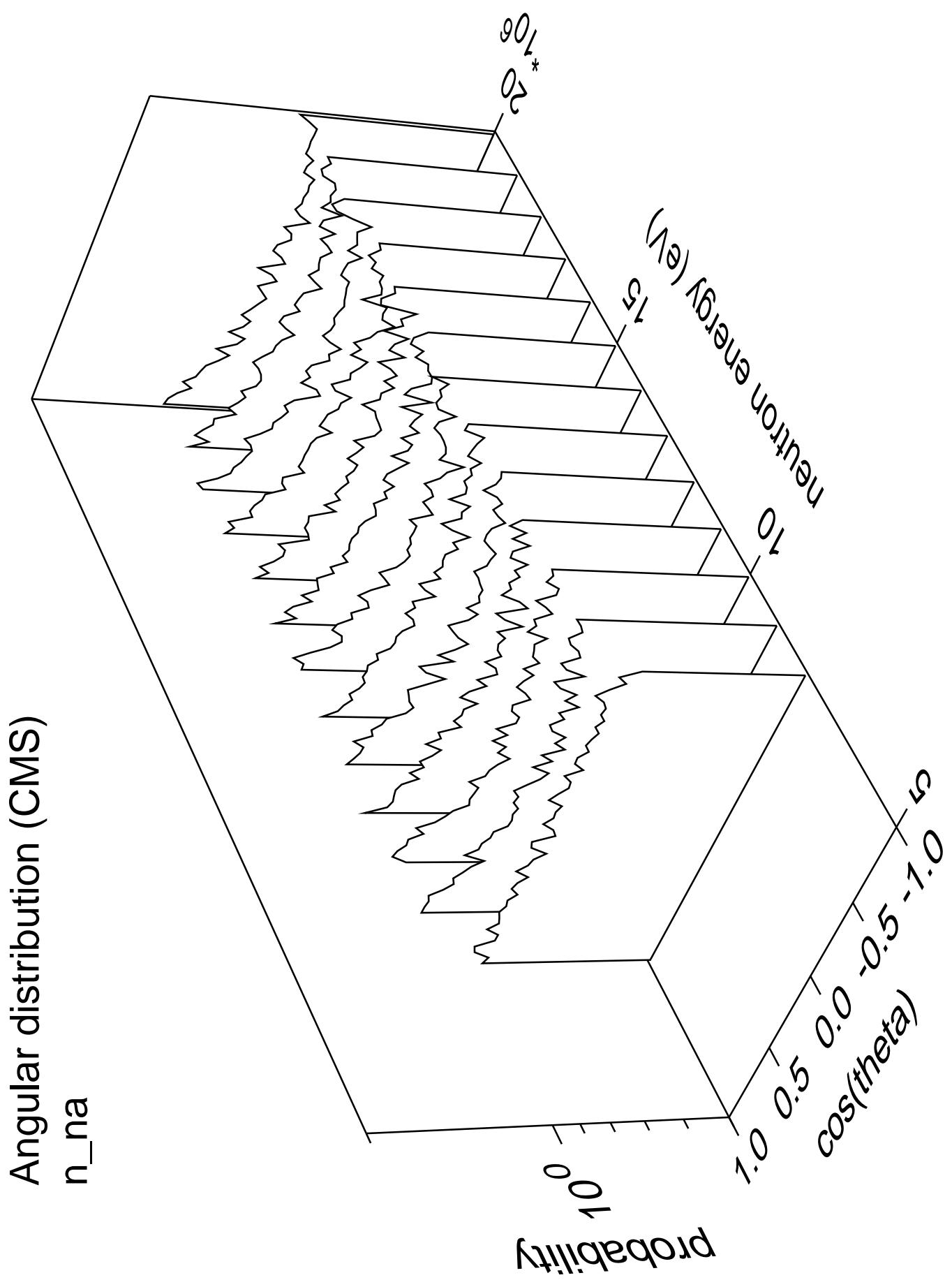


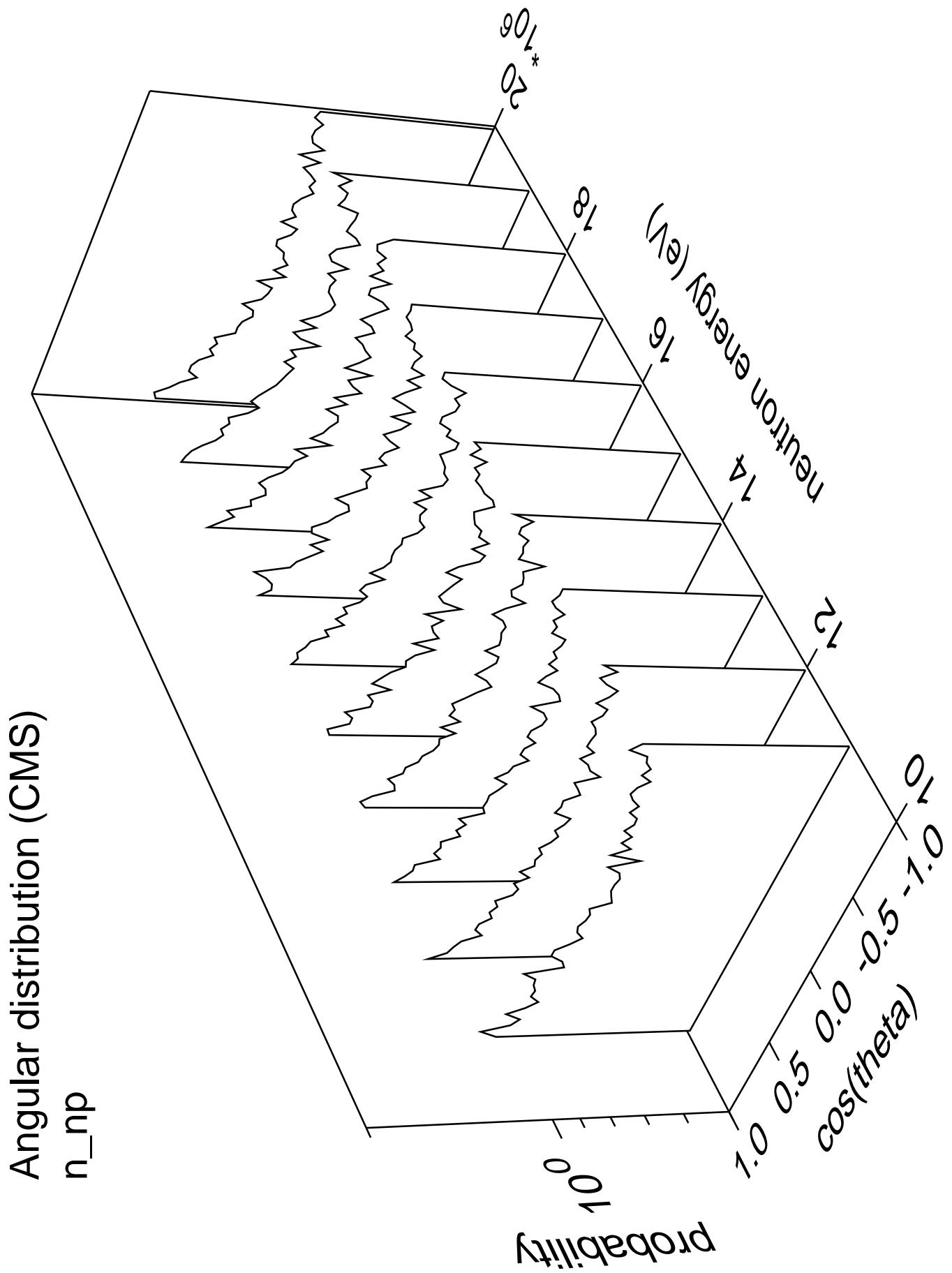
# Cross Section

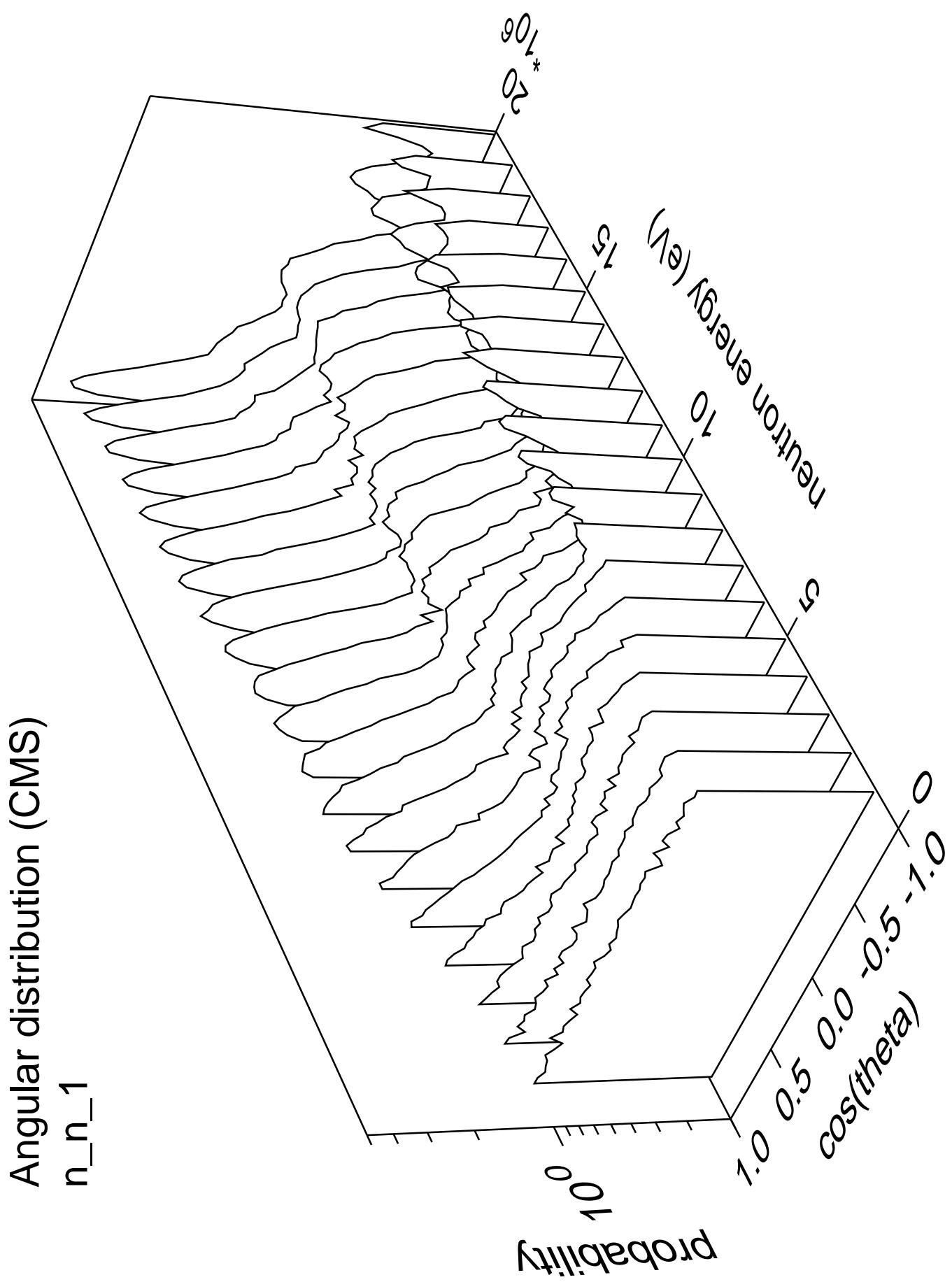


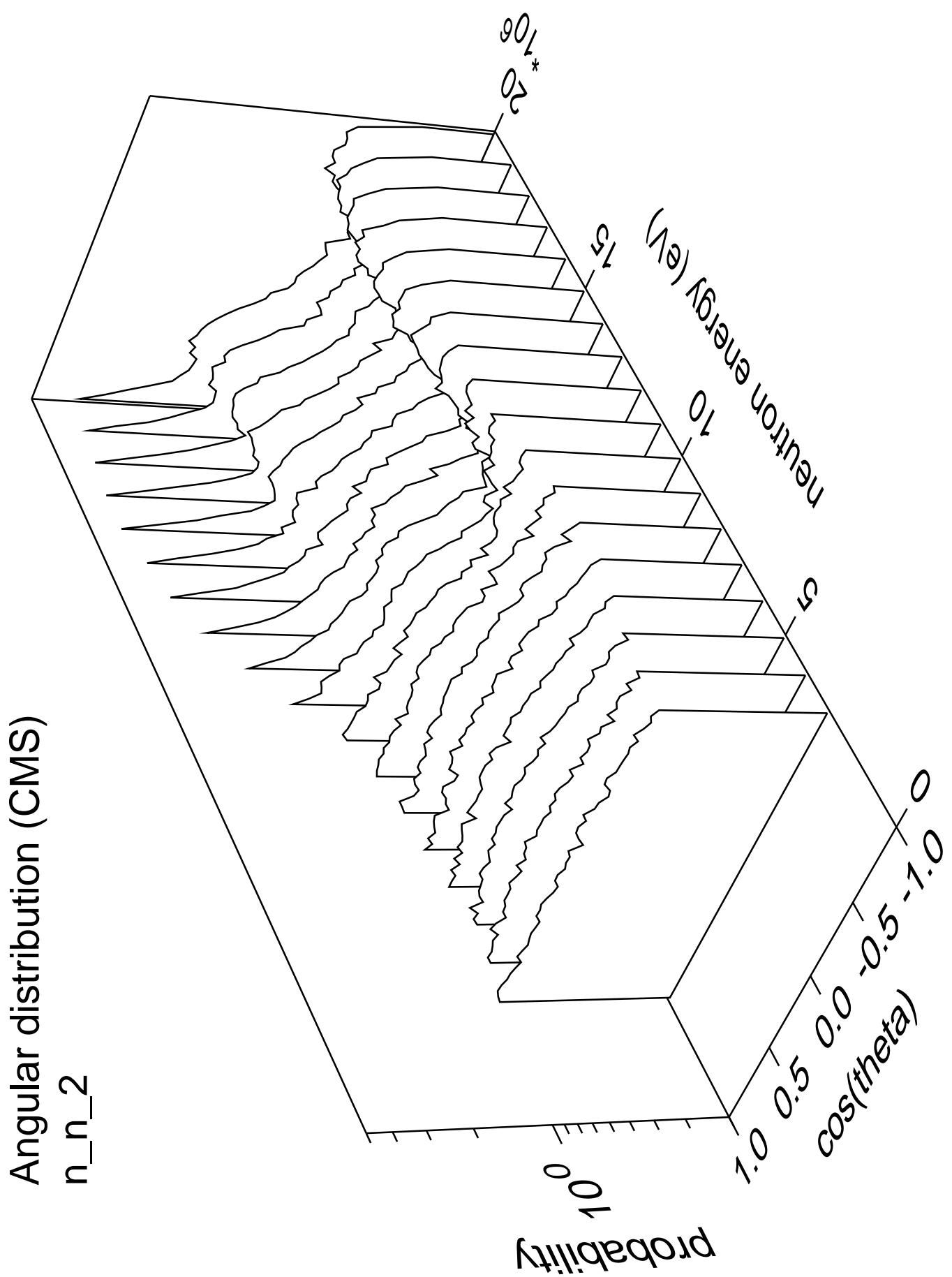


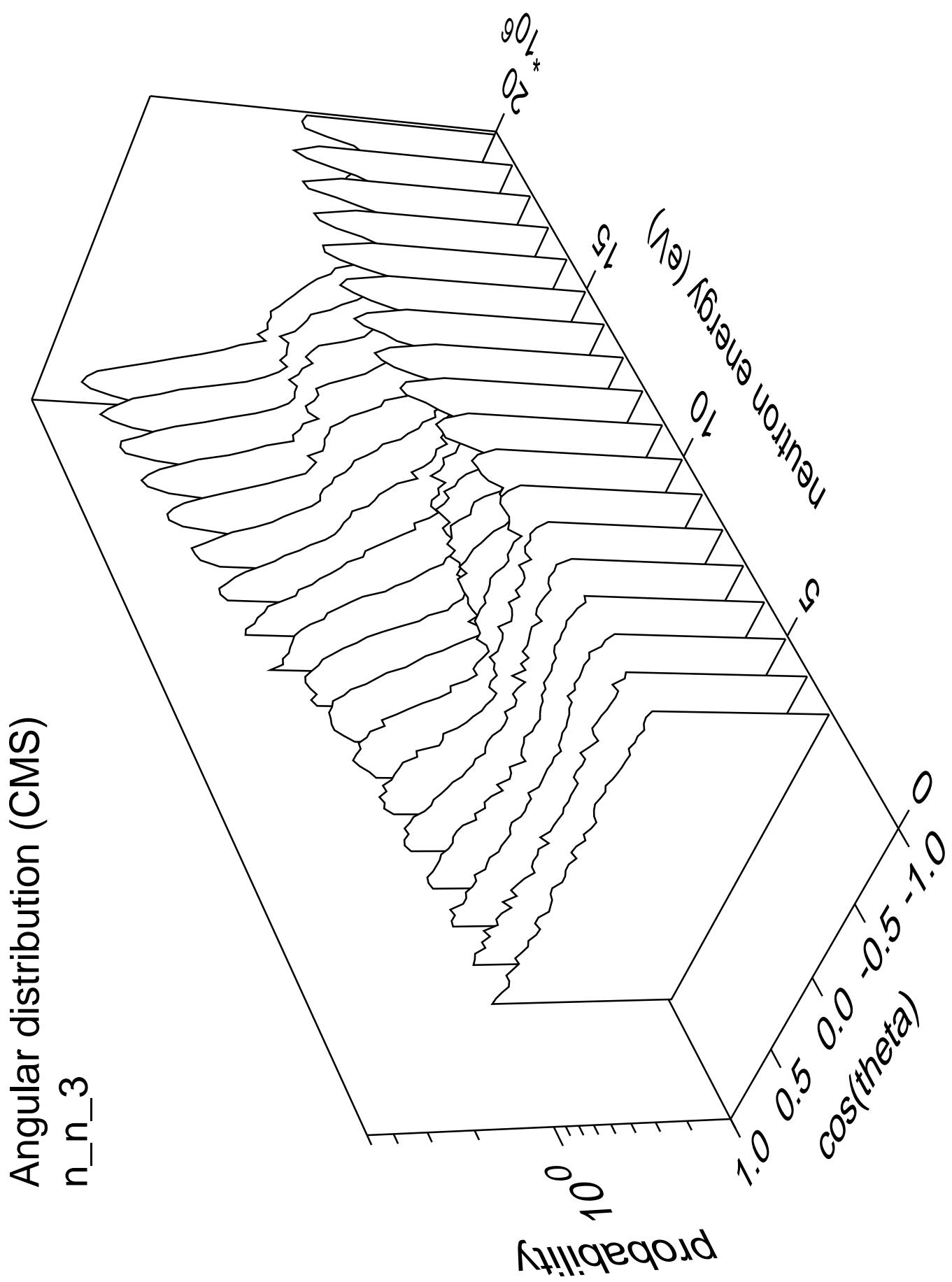


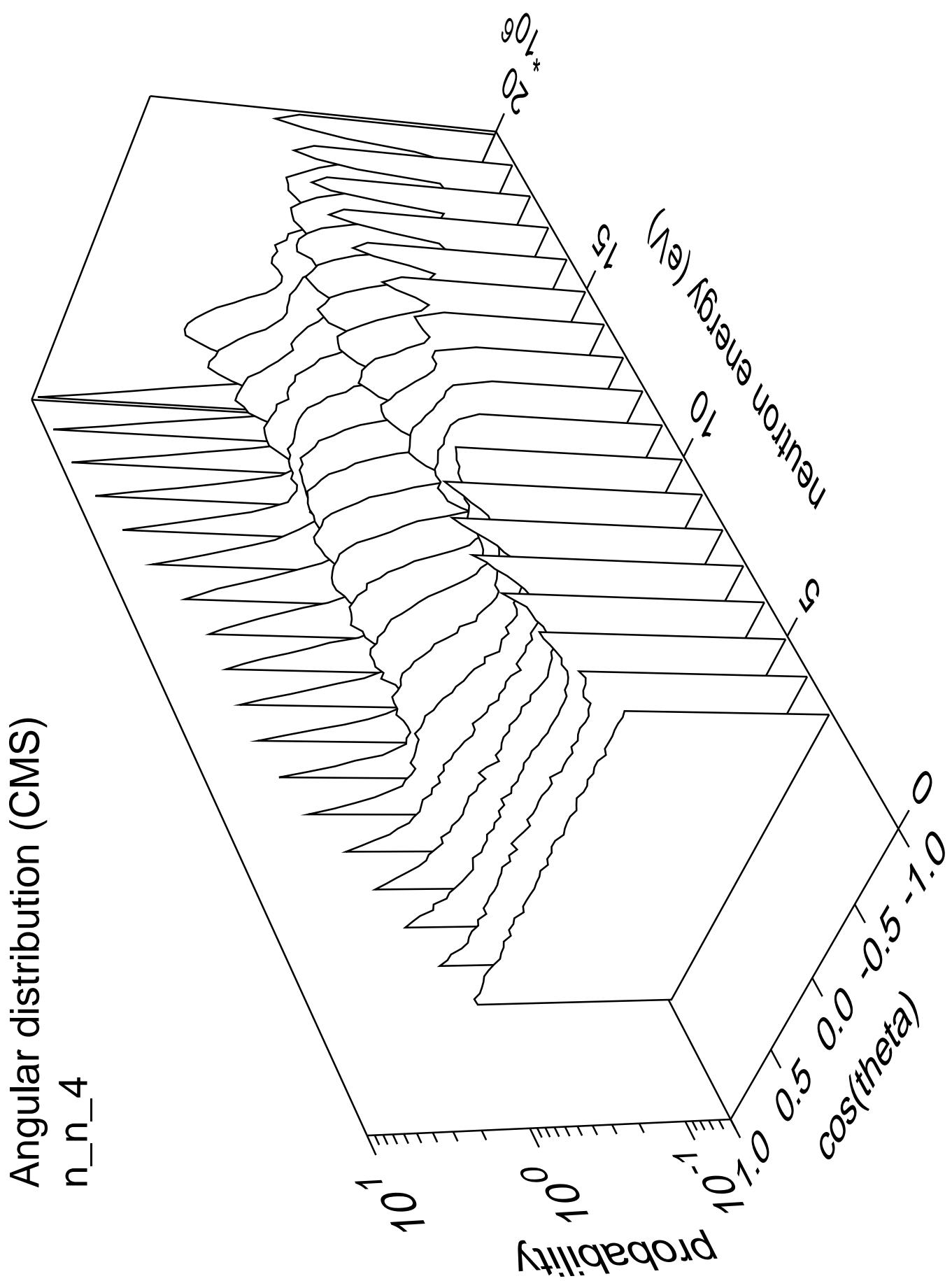


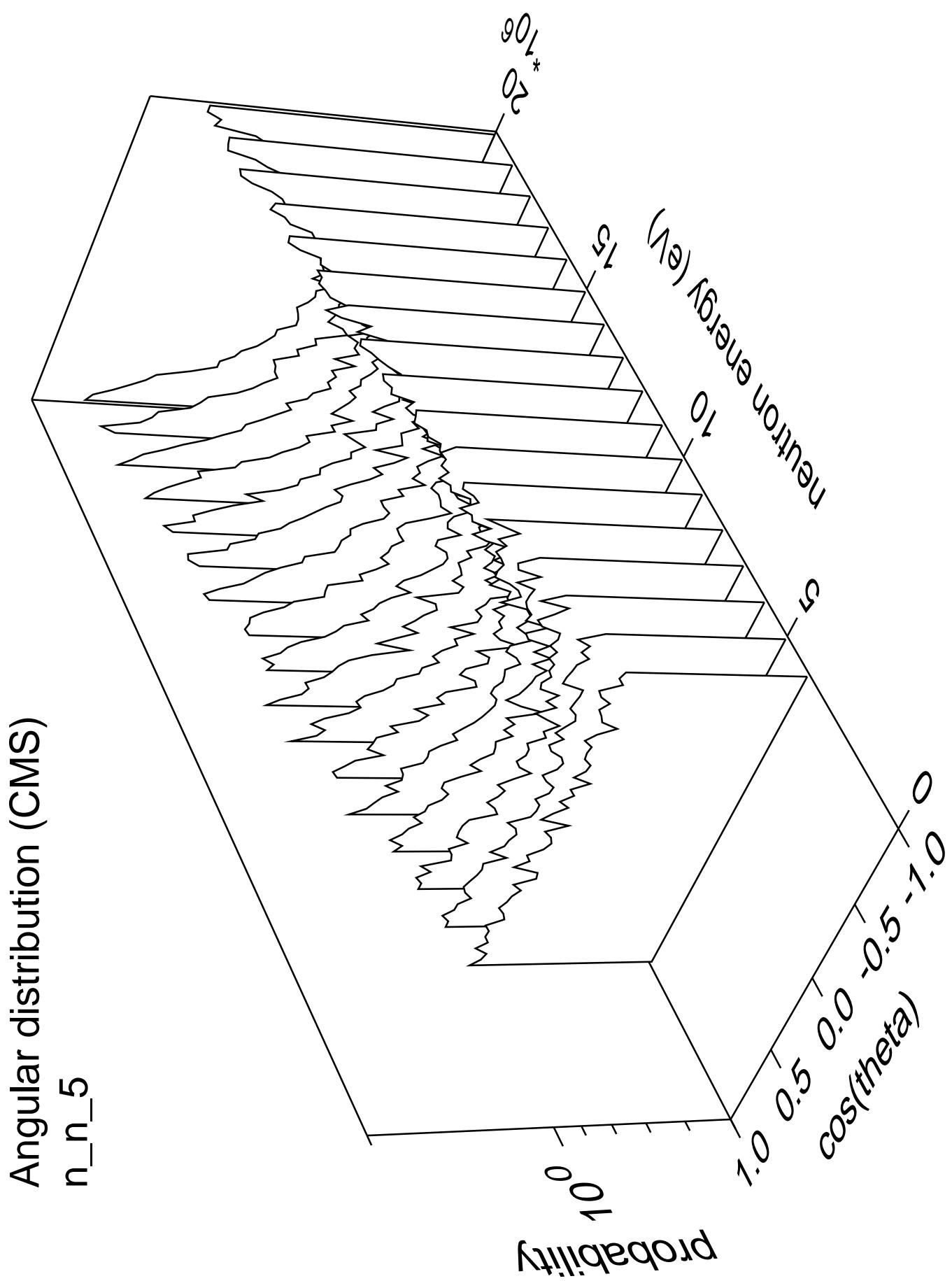


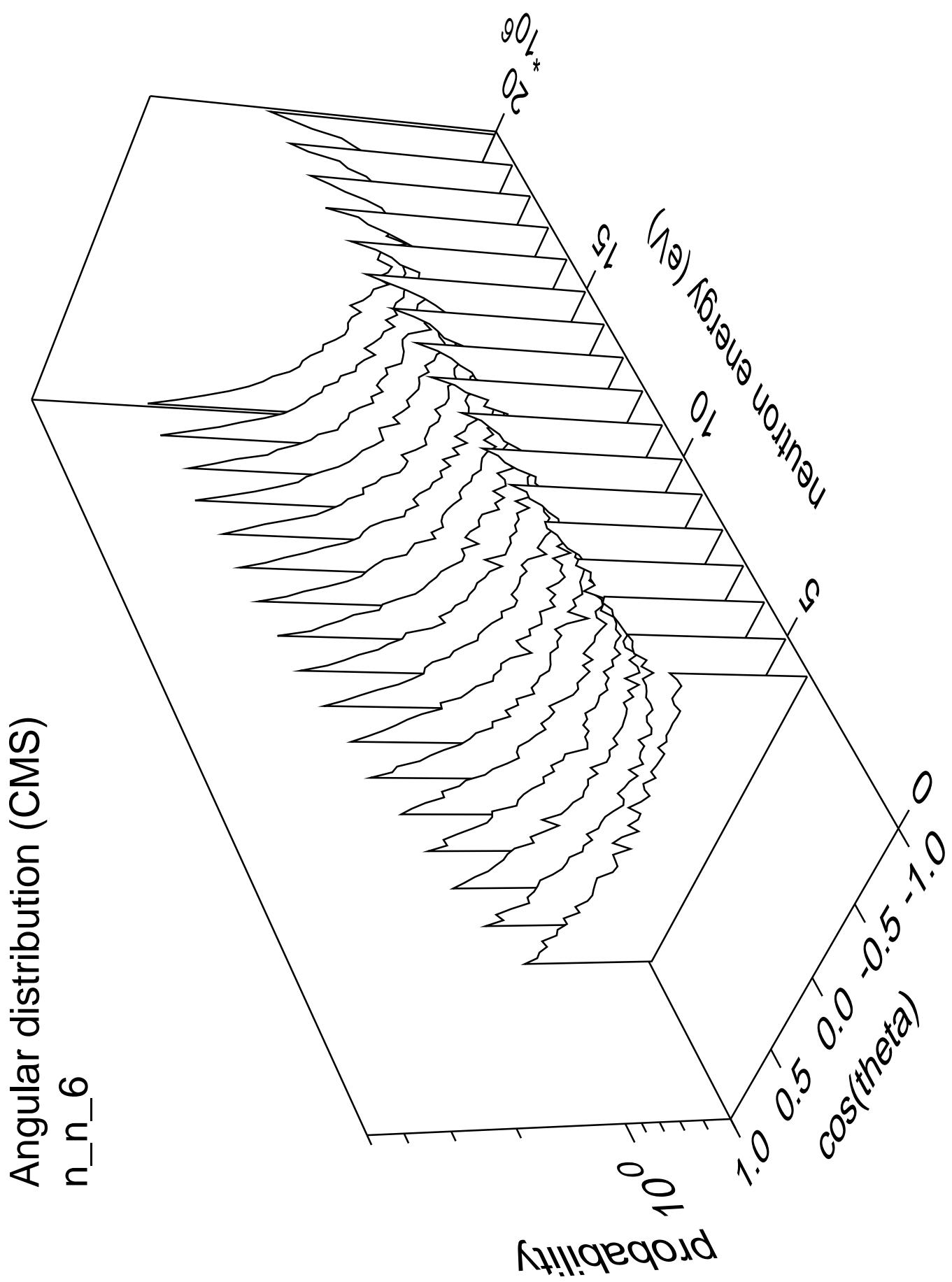


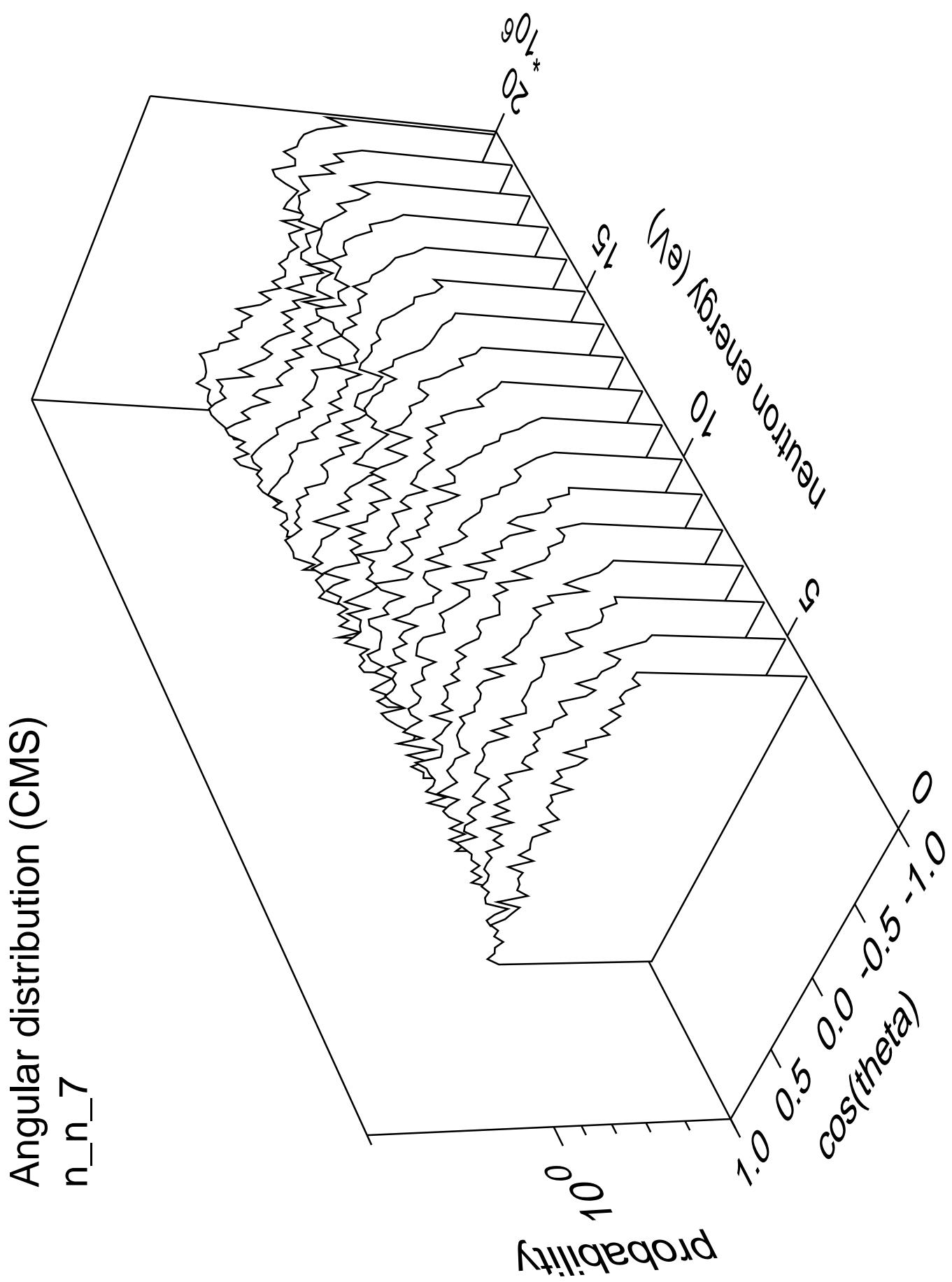


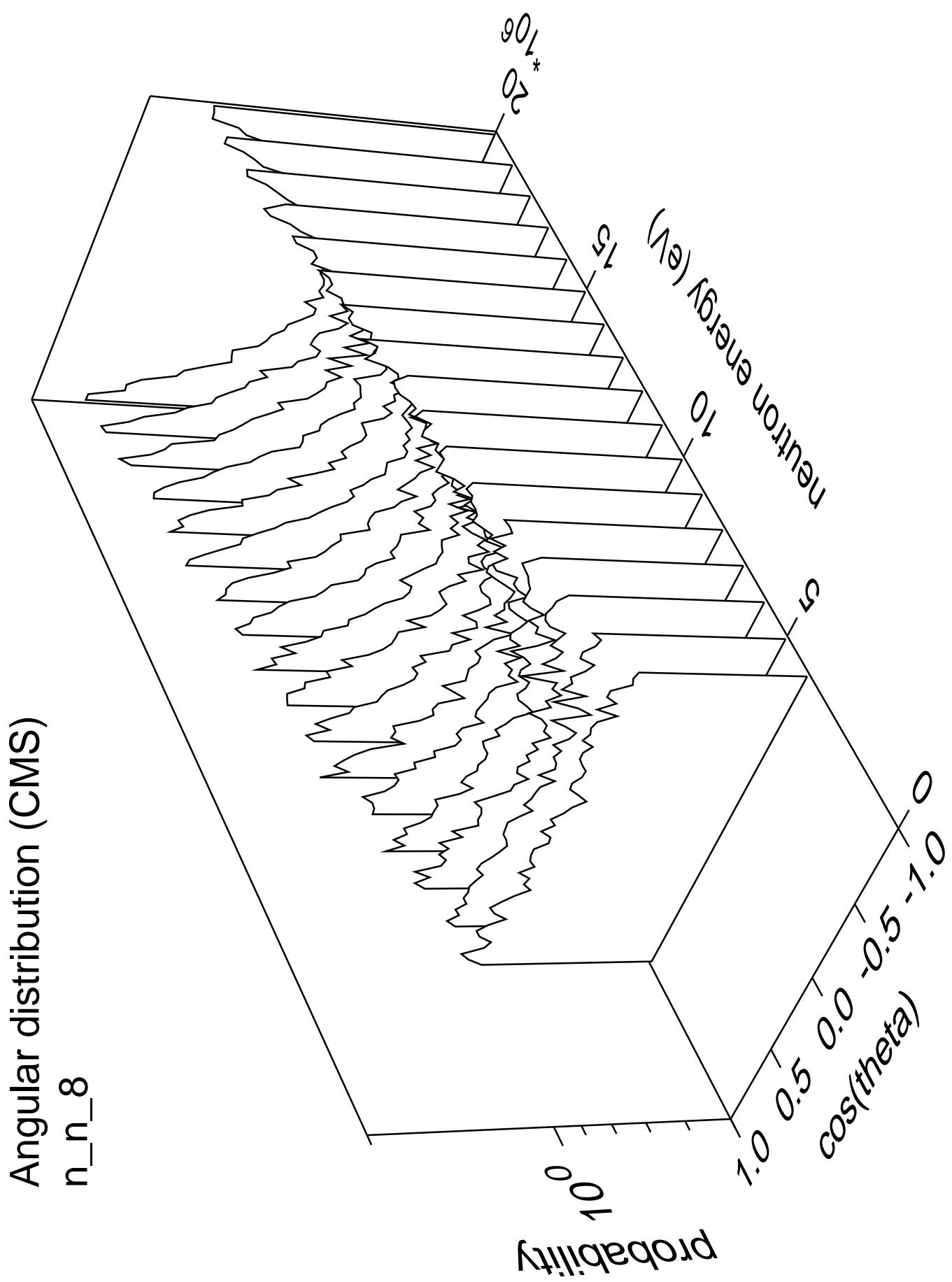


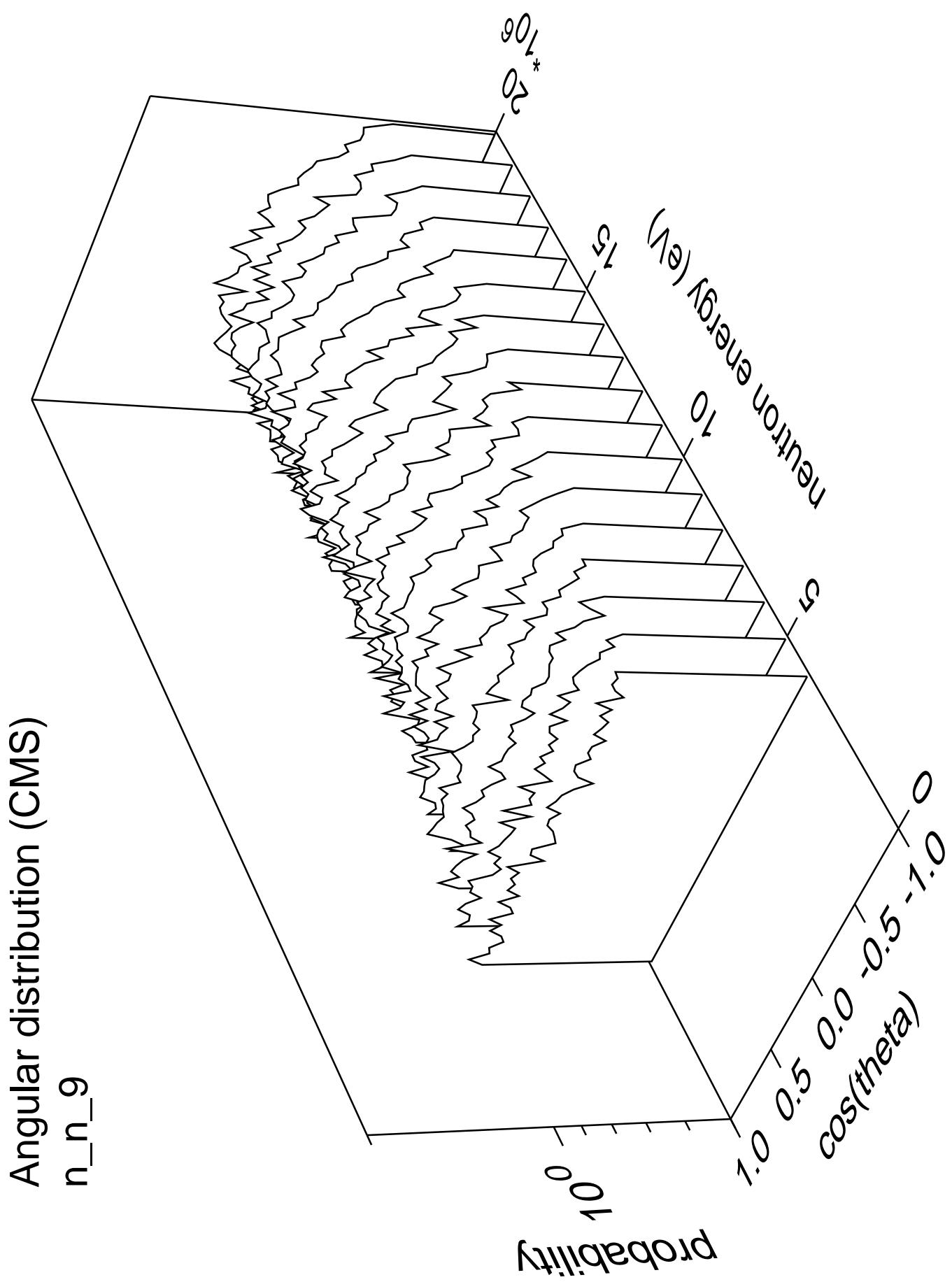


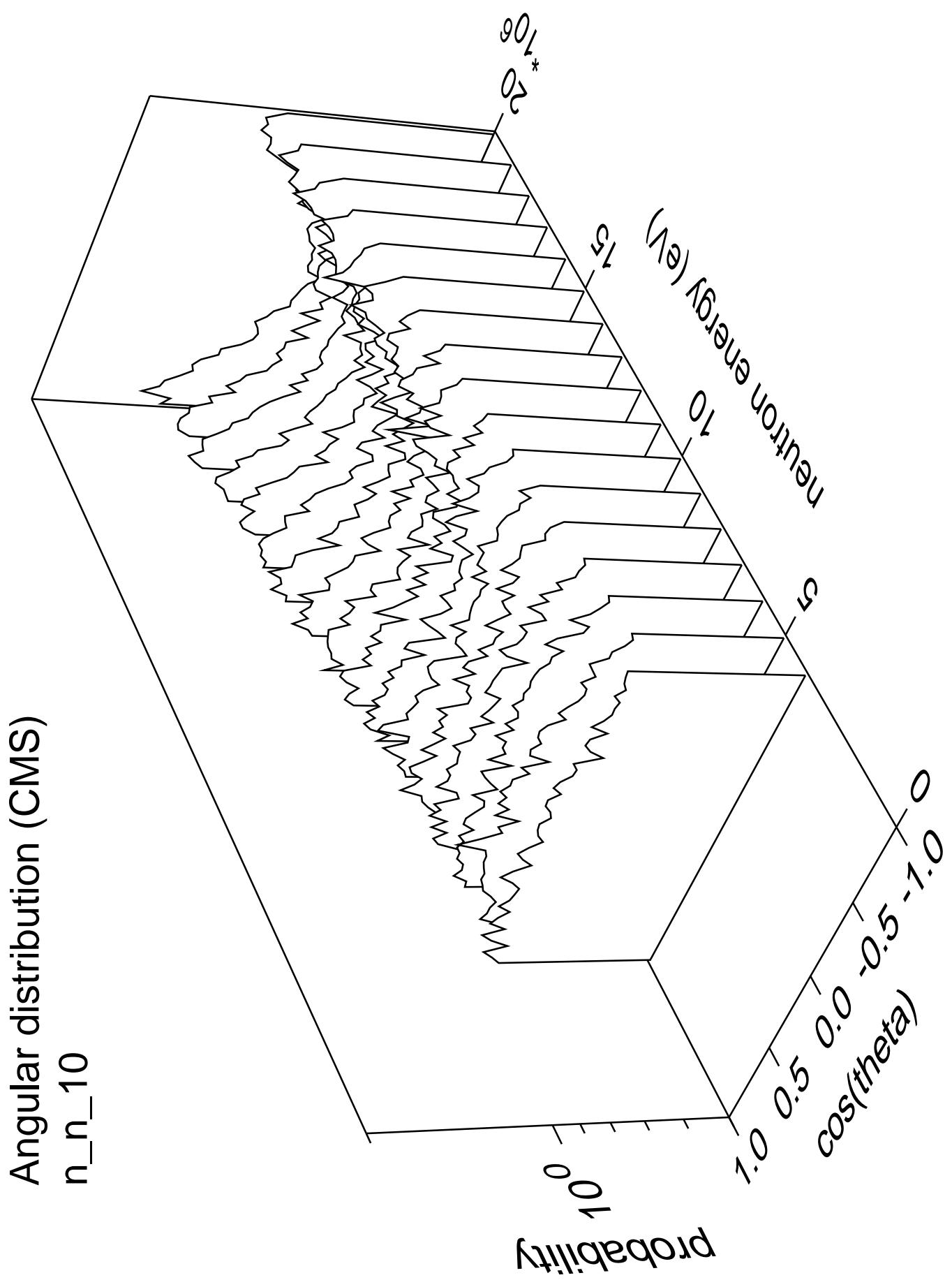


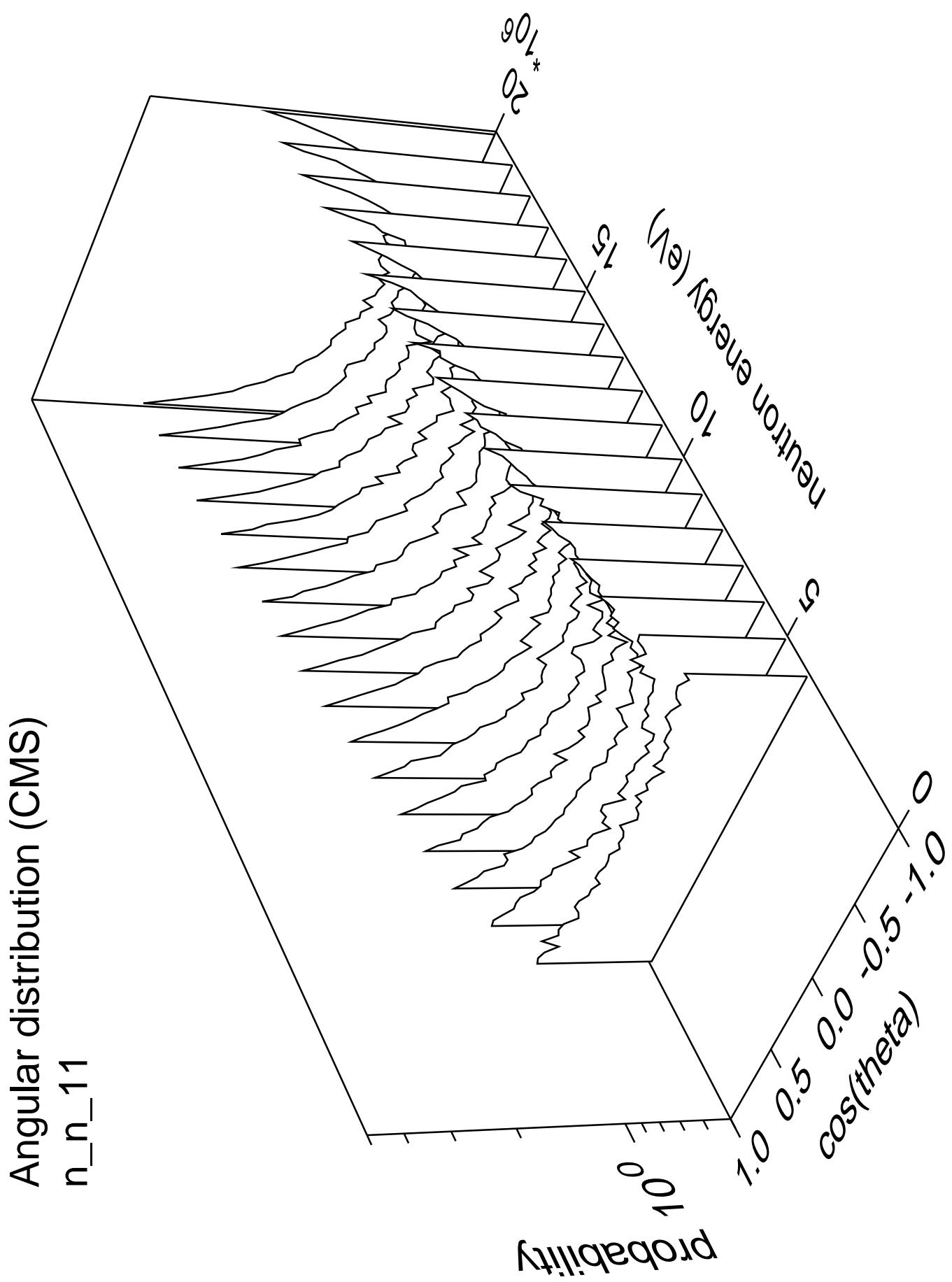


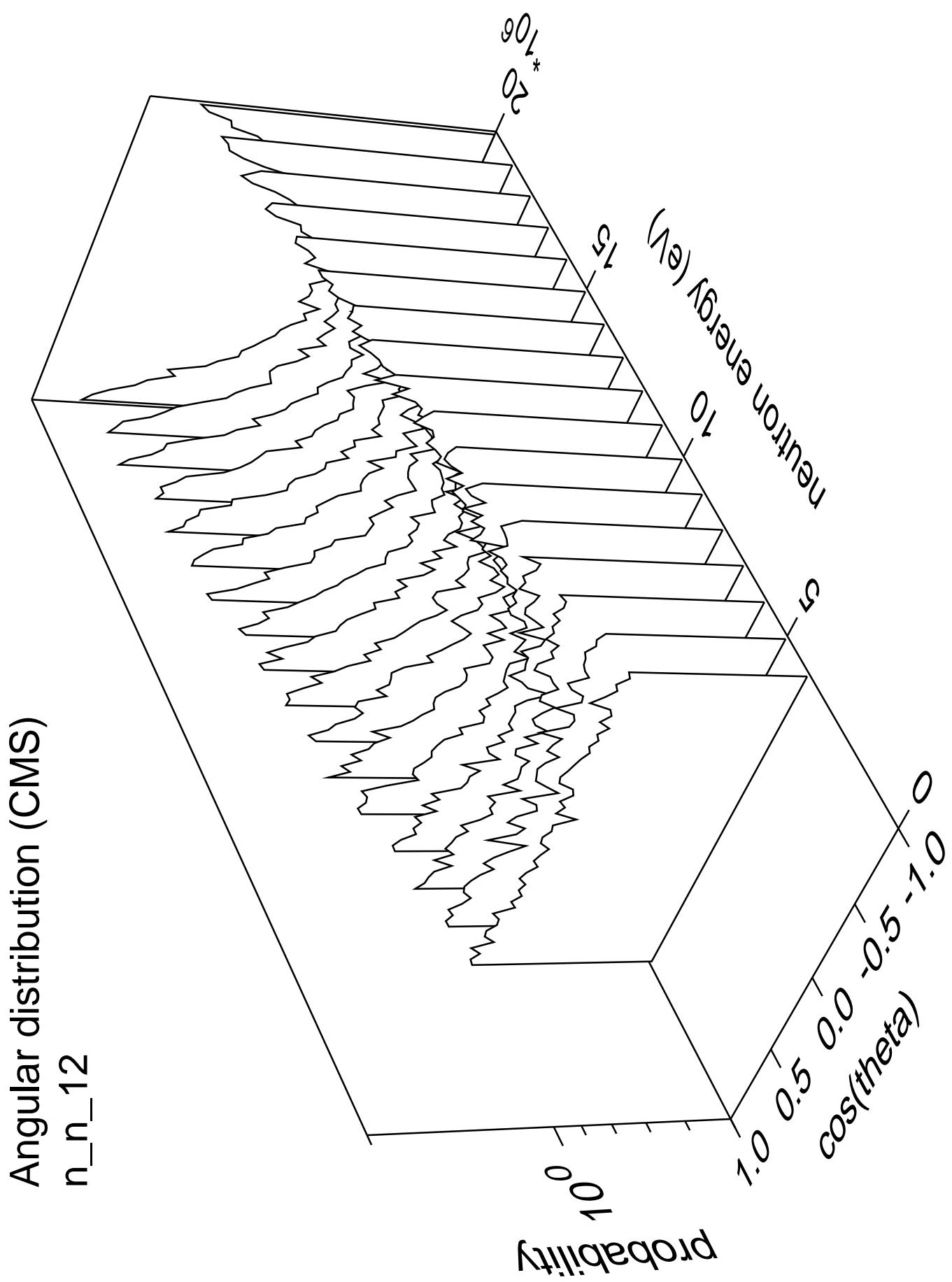


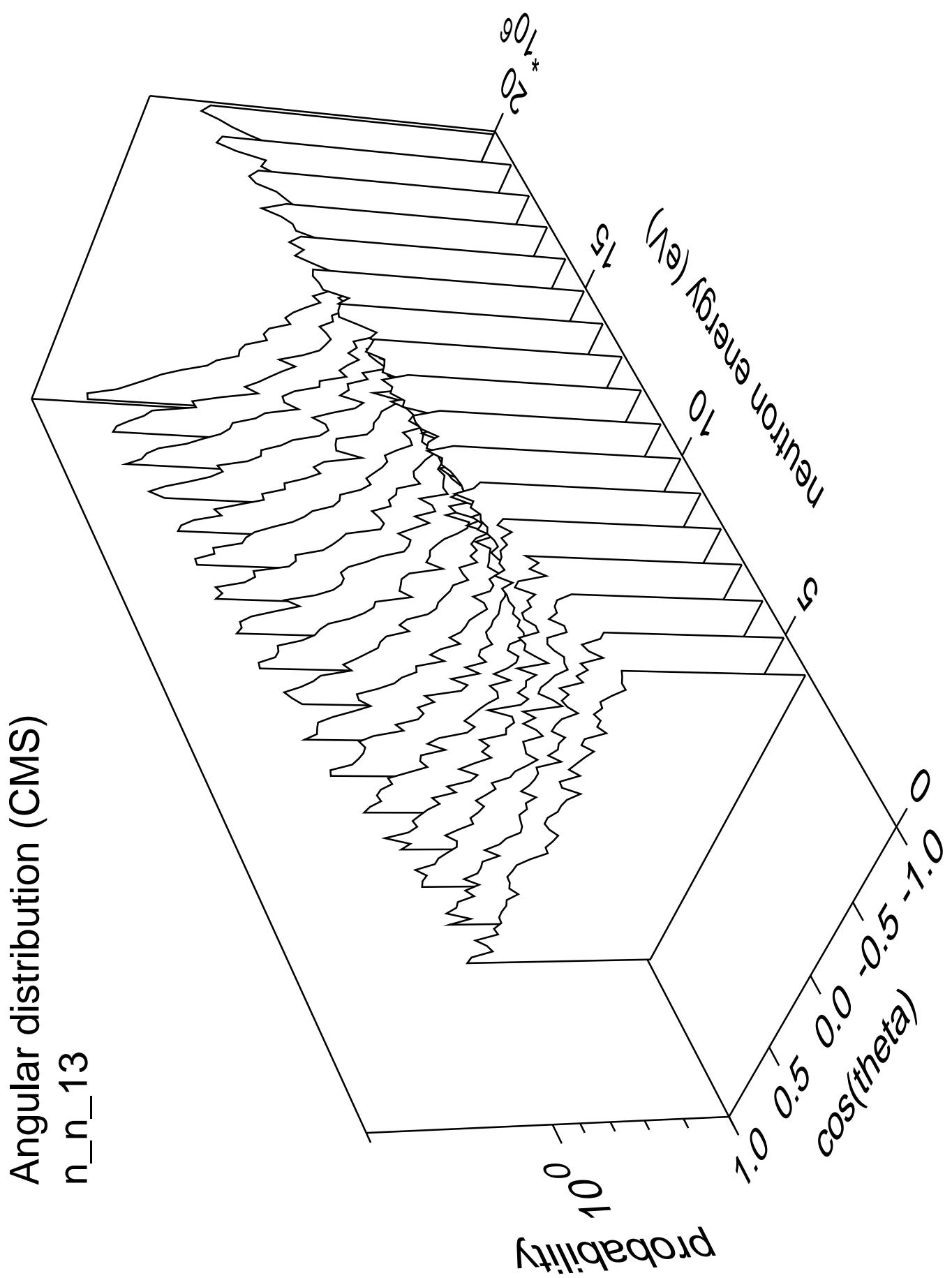


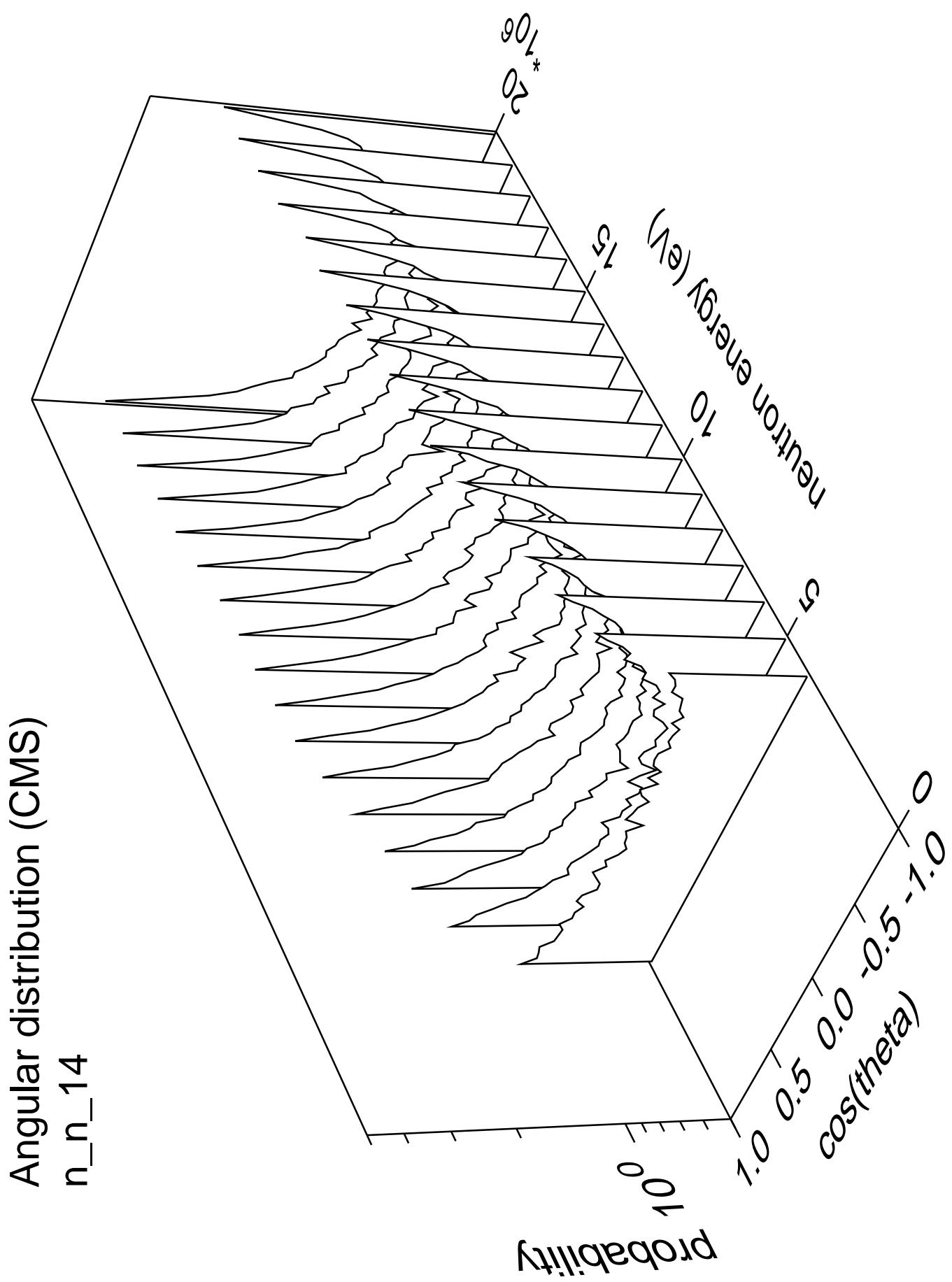


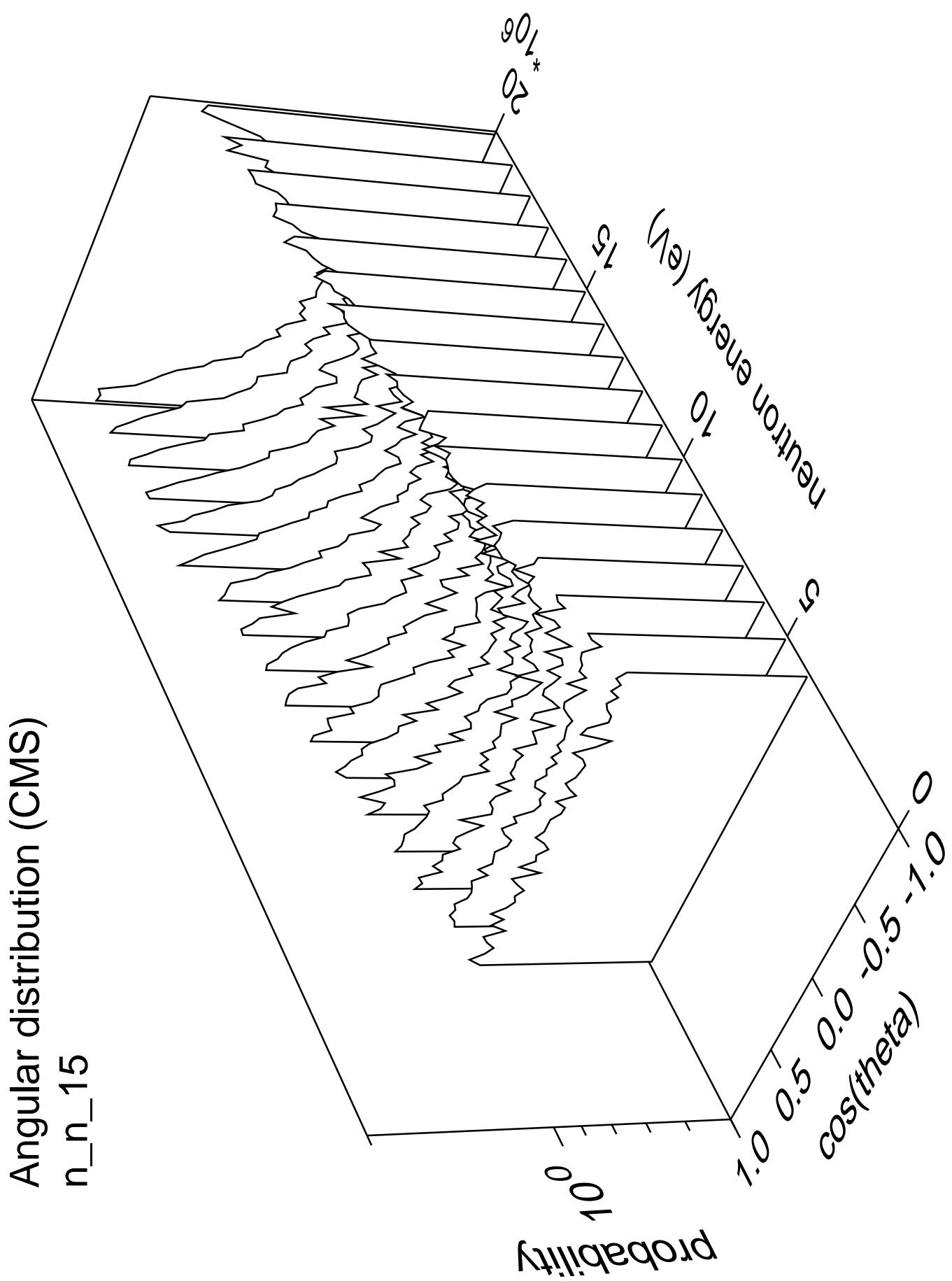


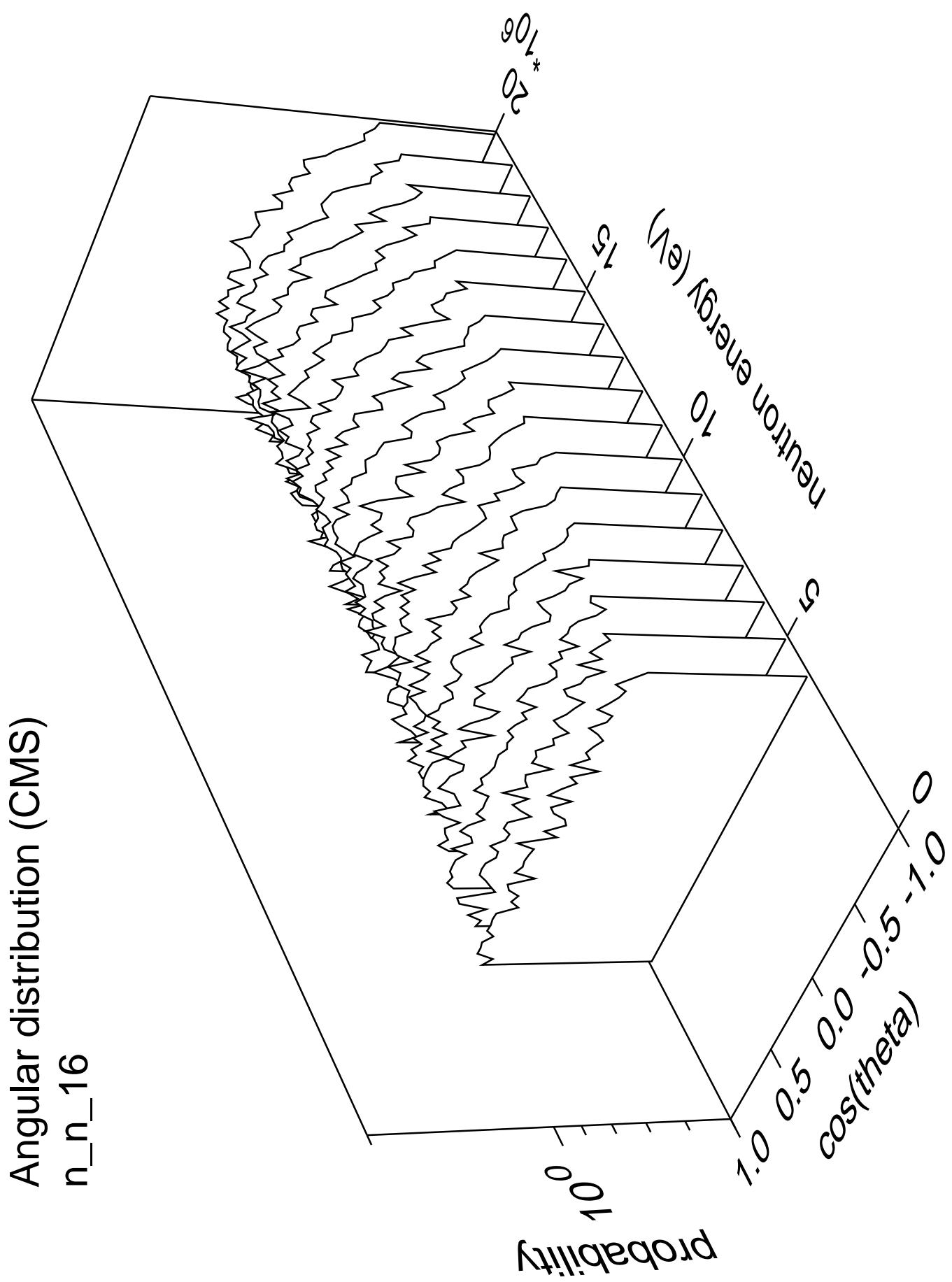


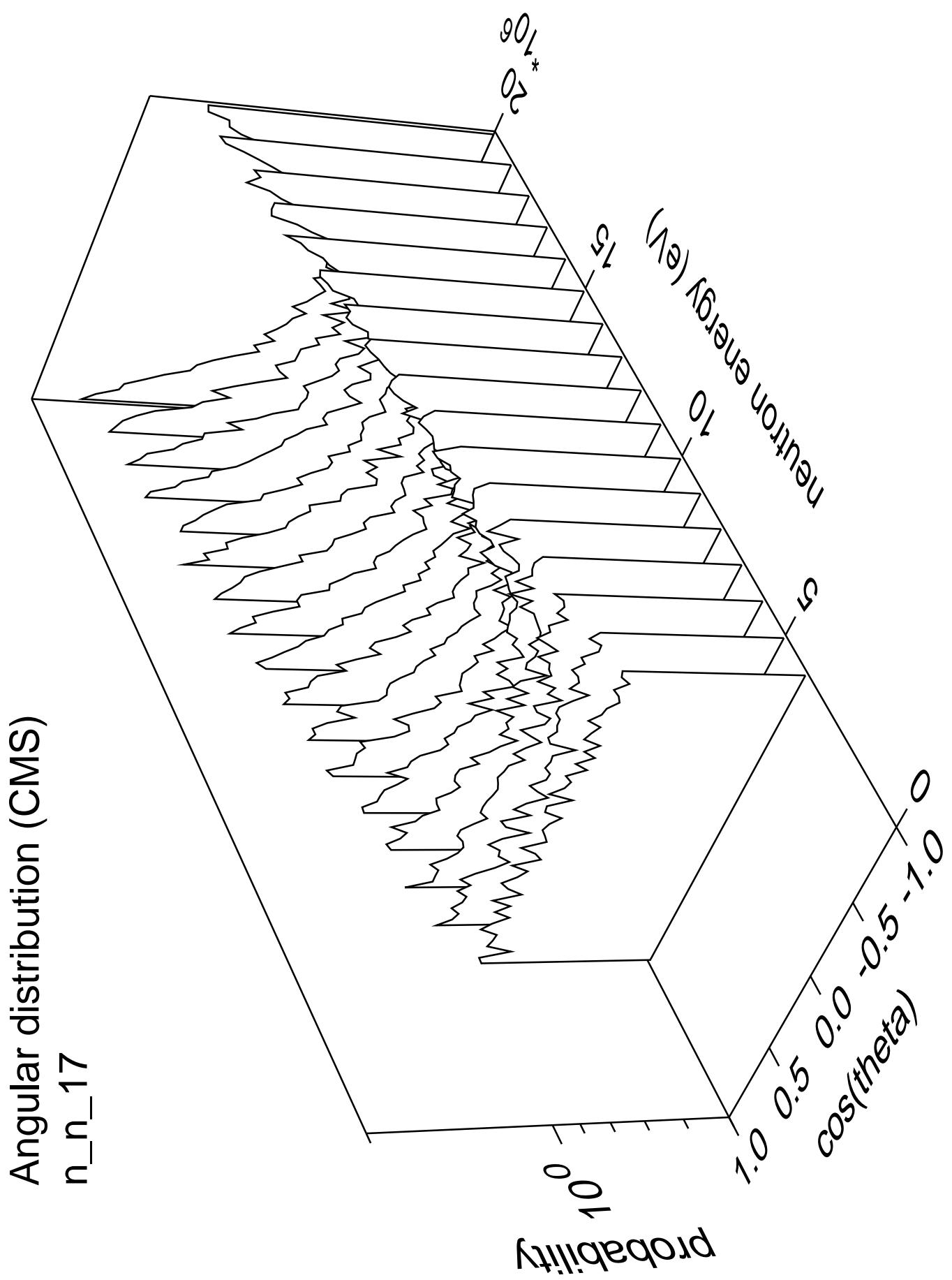


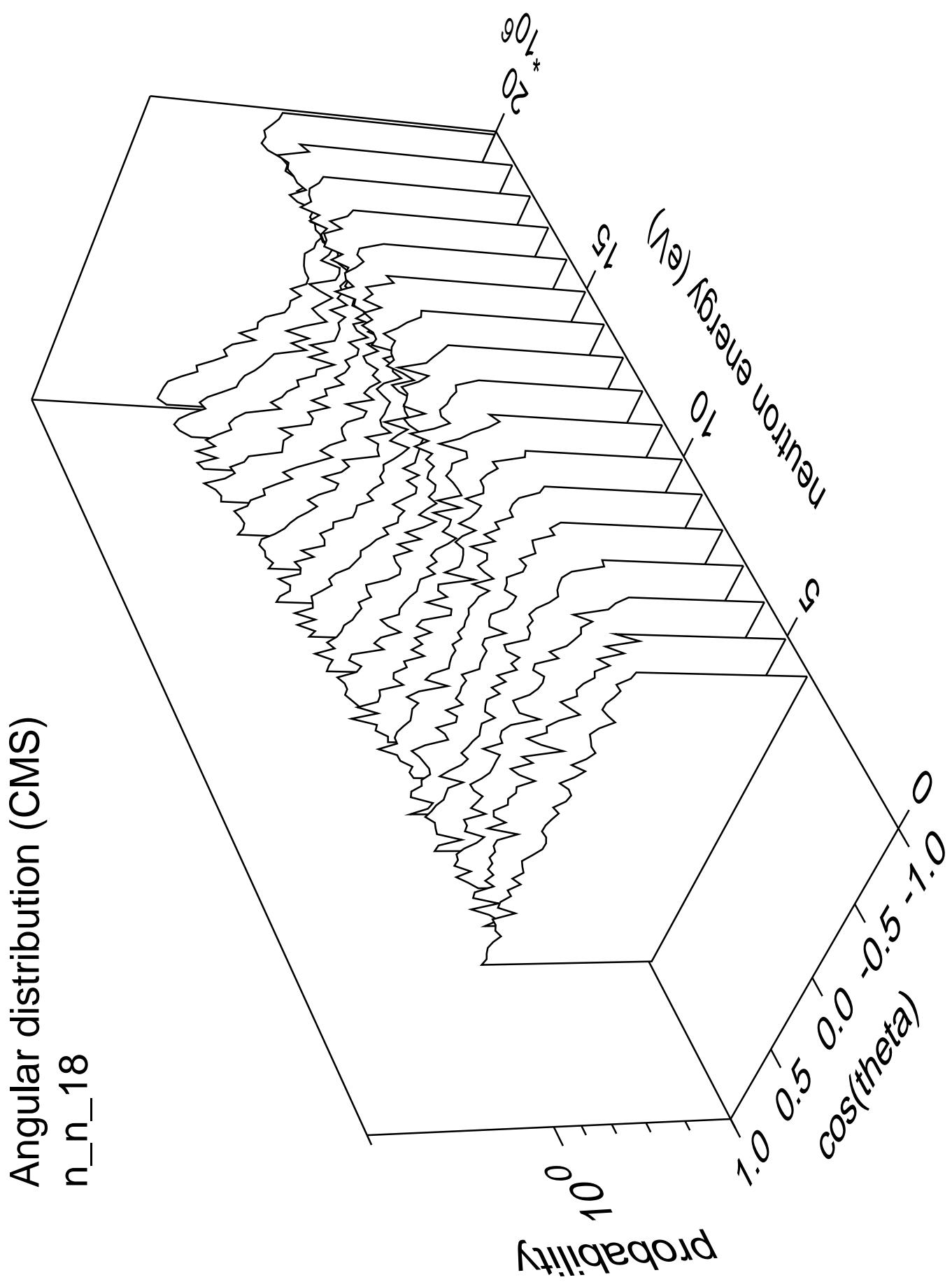


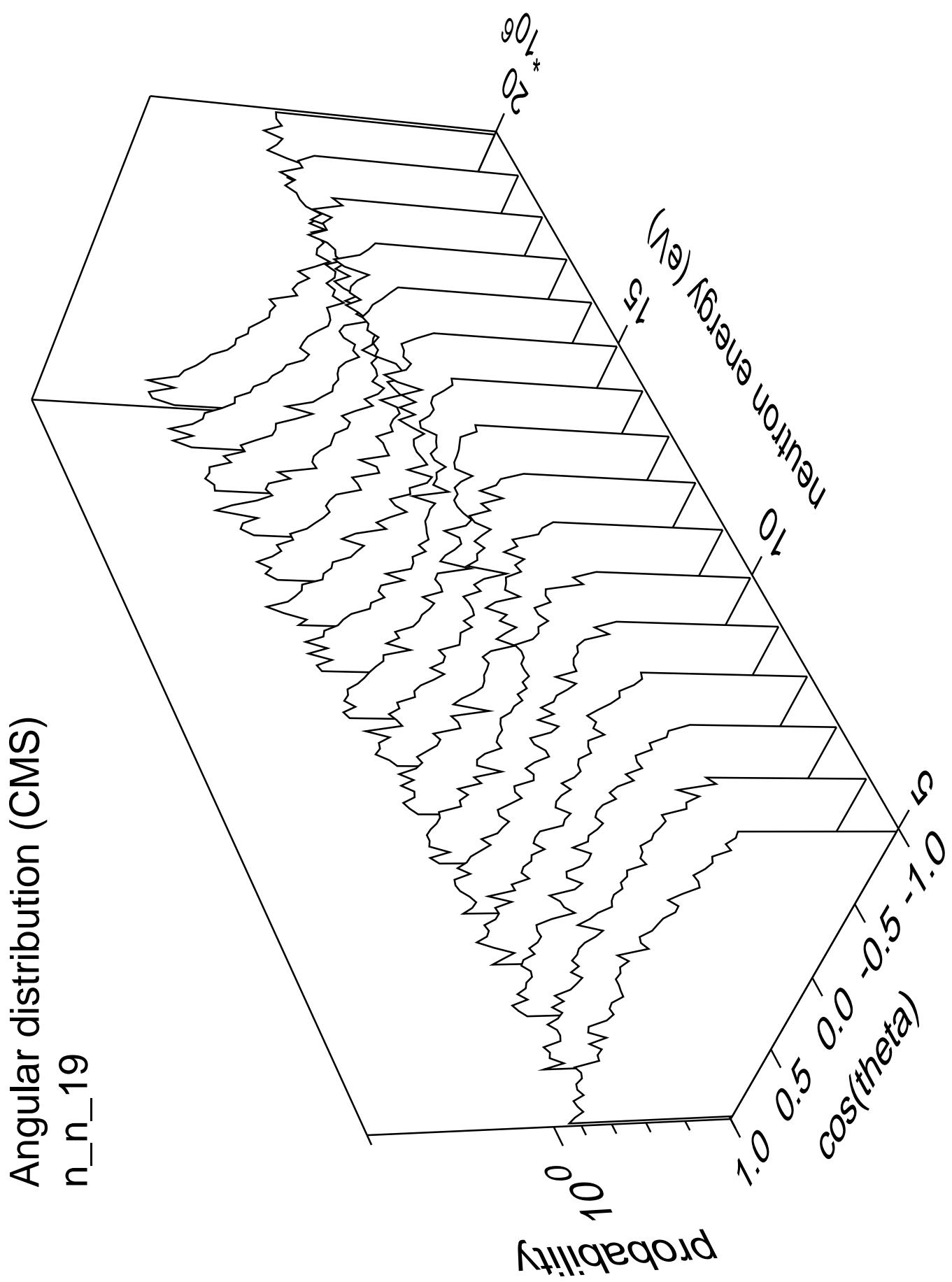


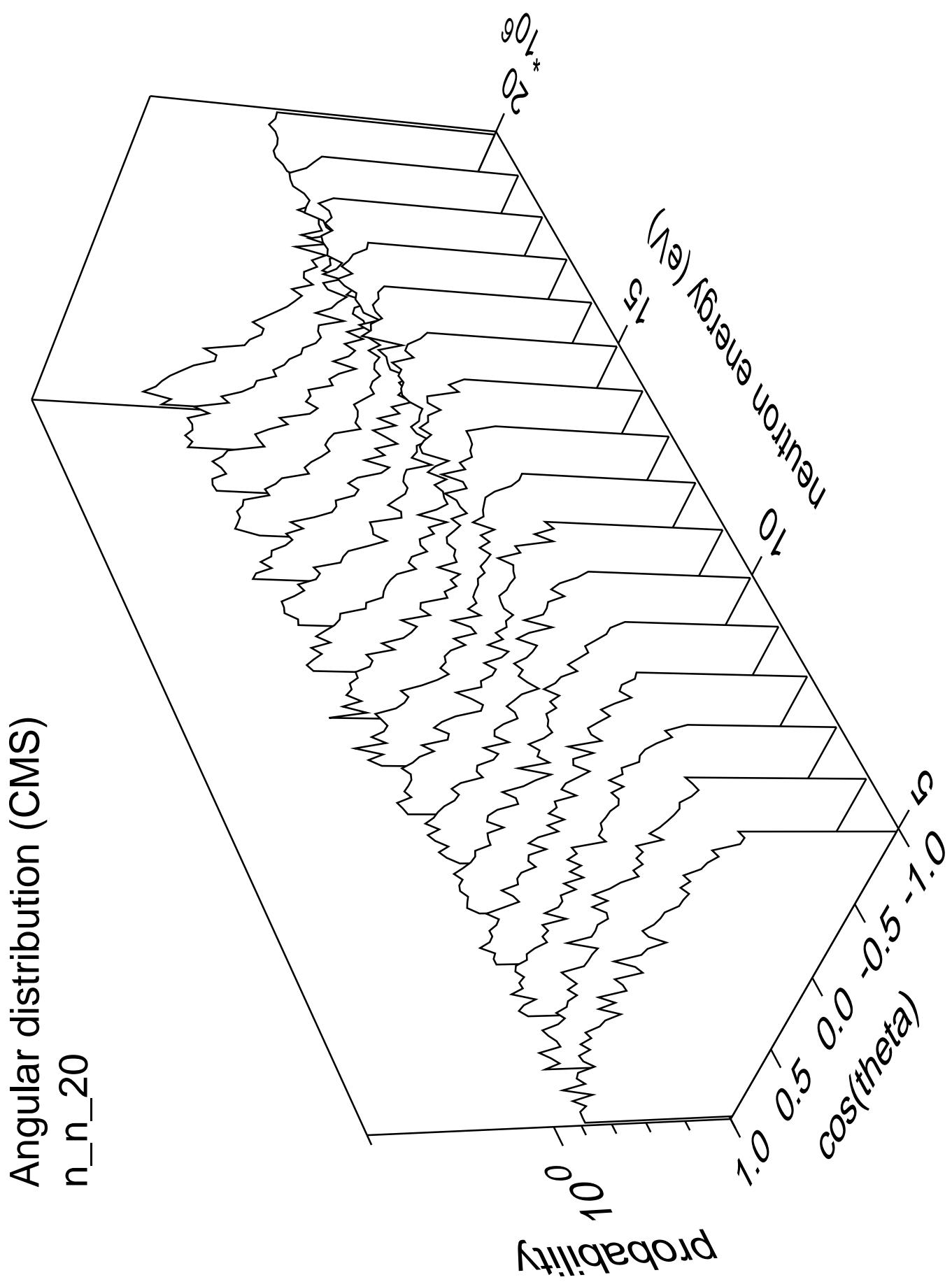


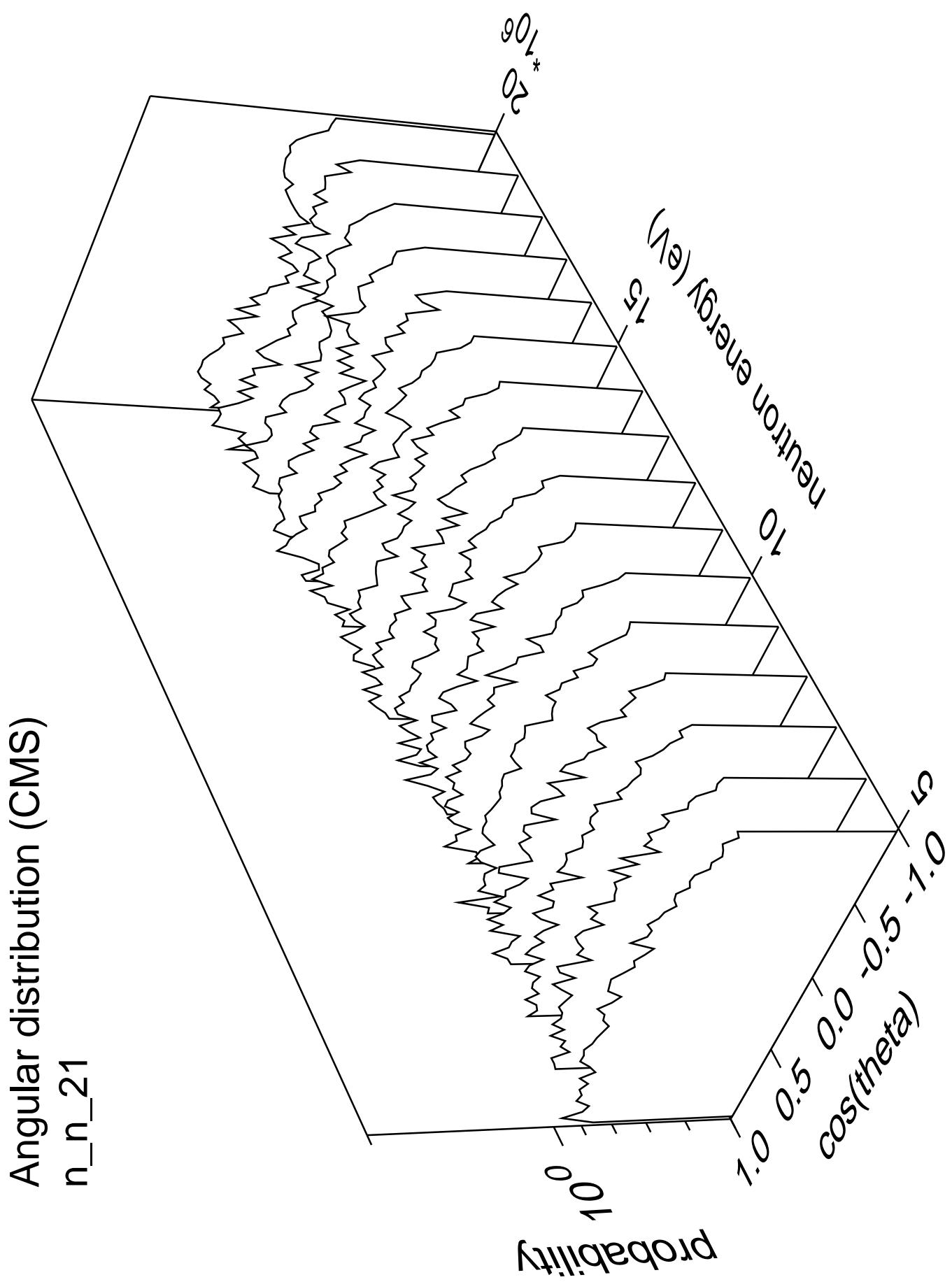


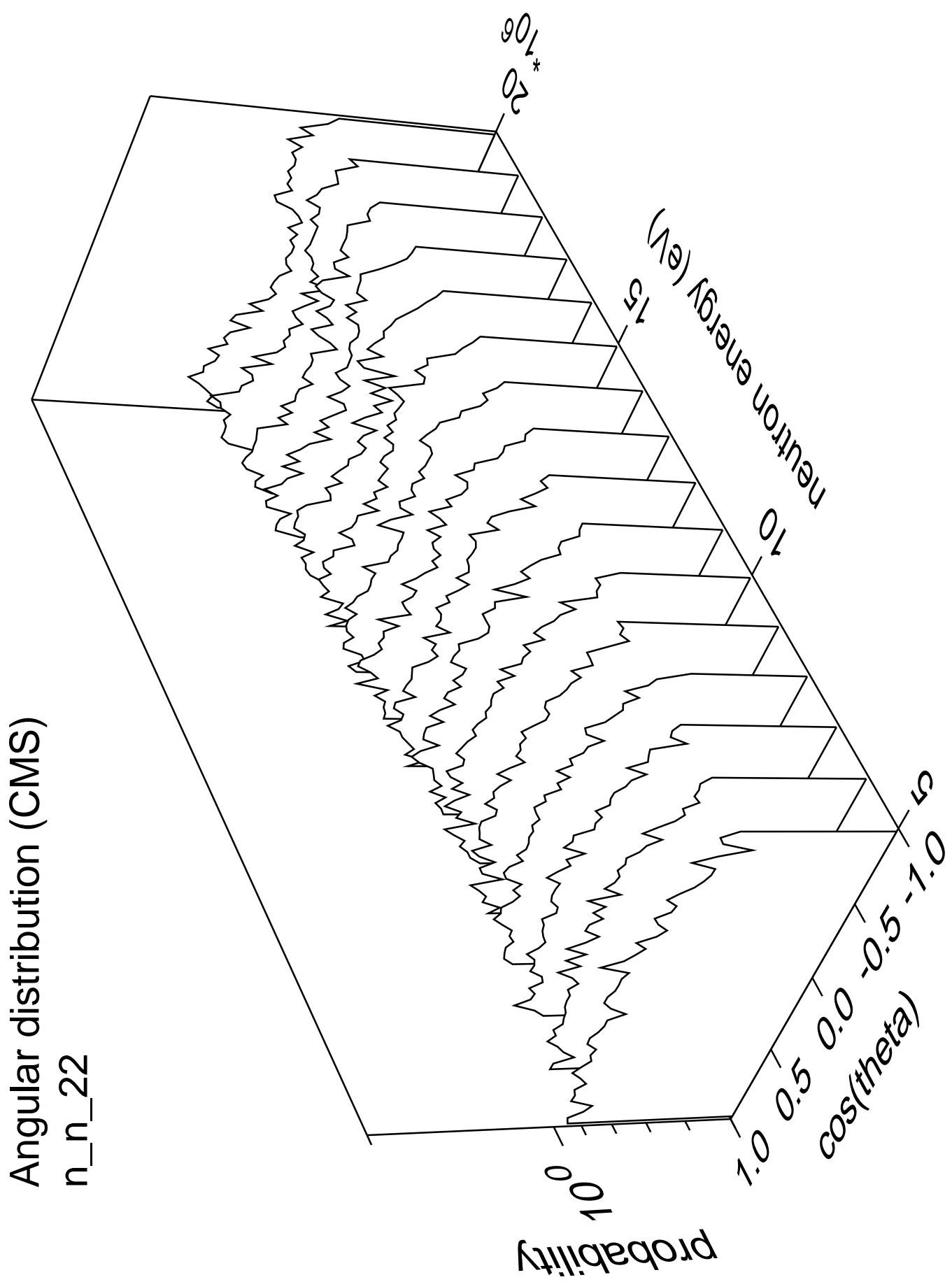


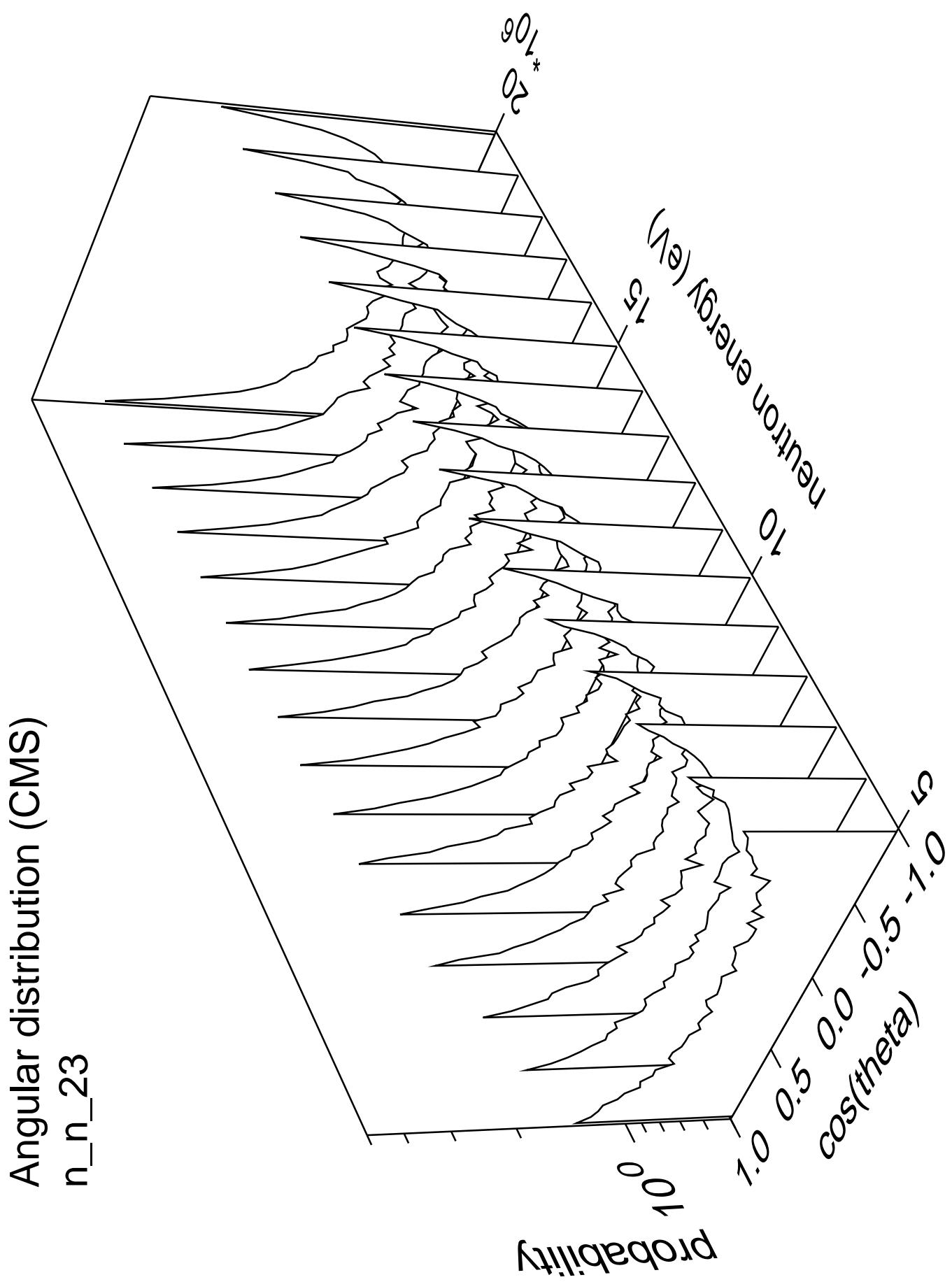


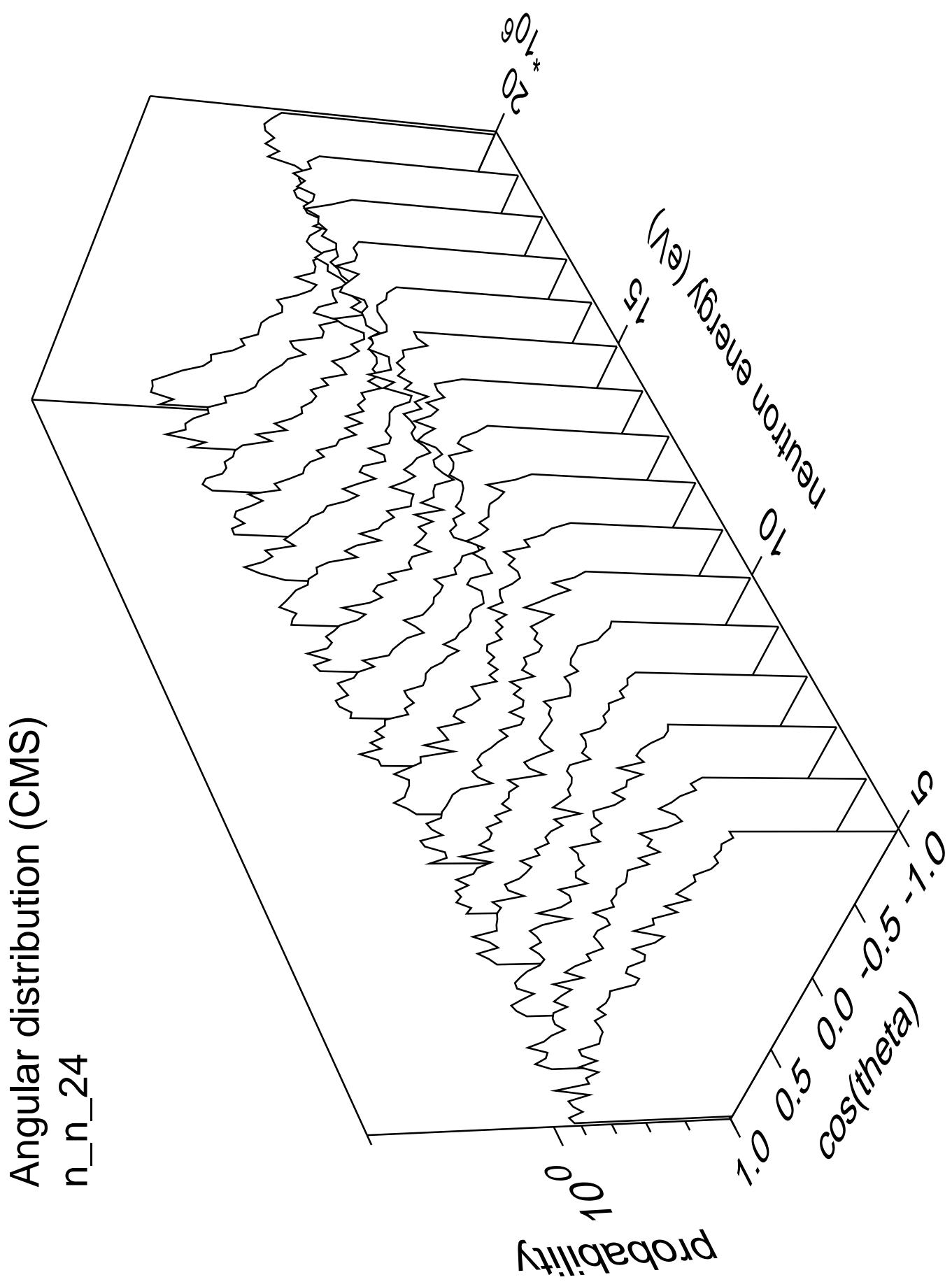


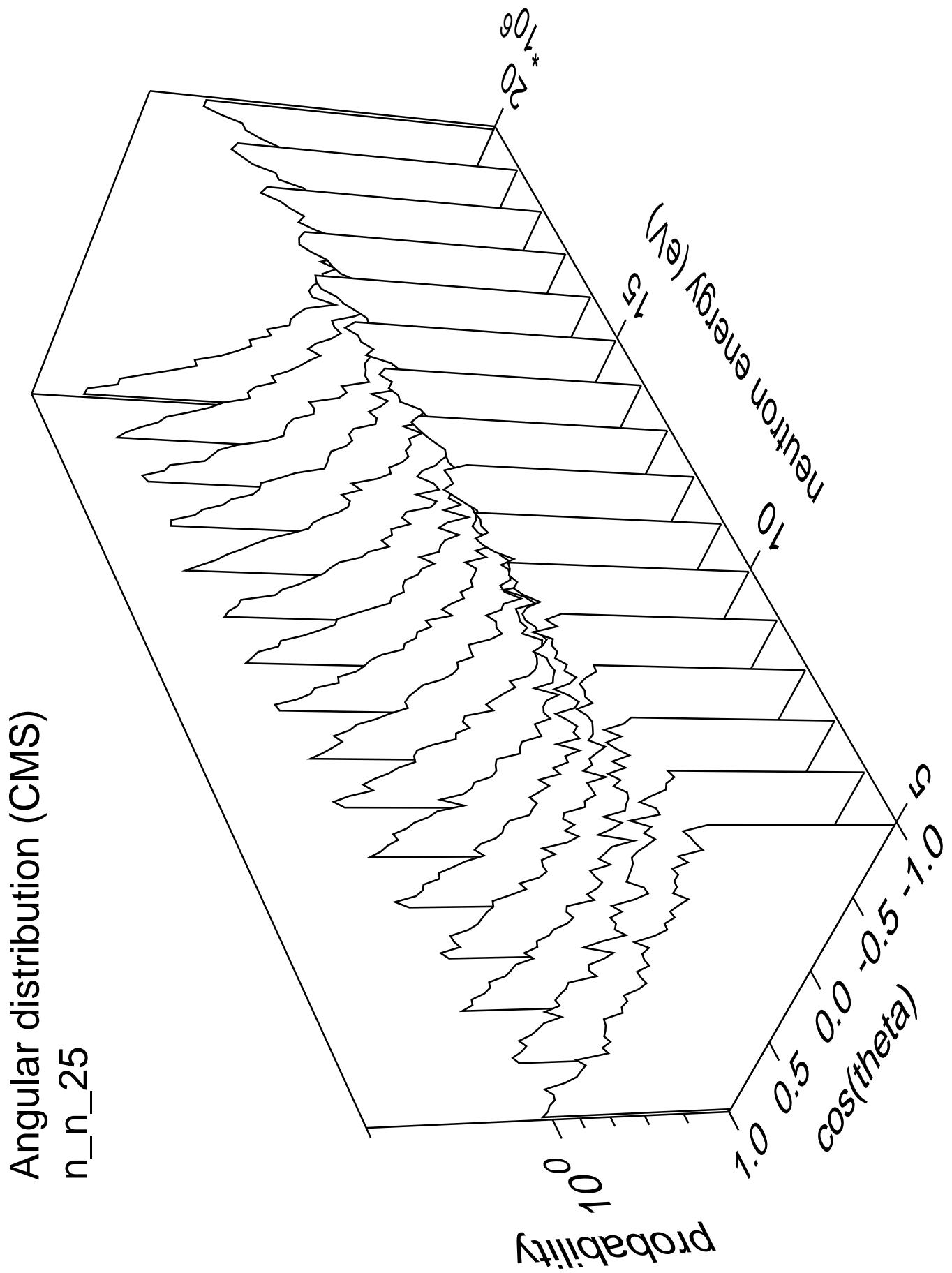


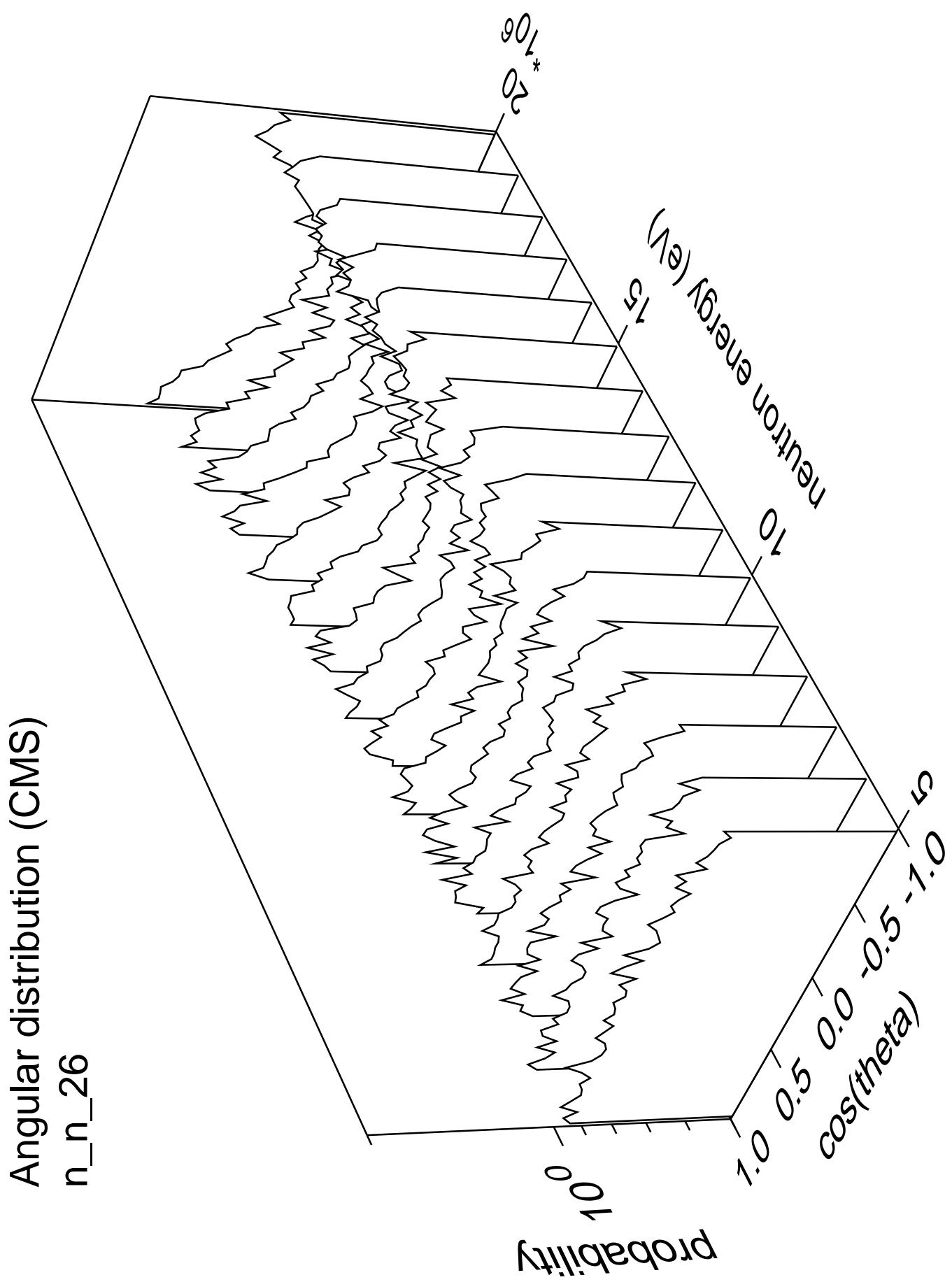


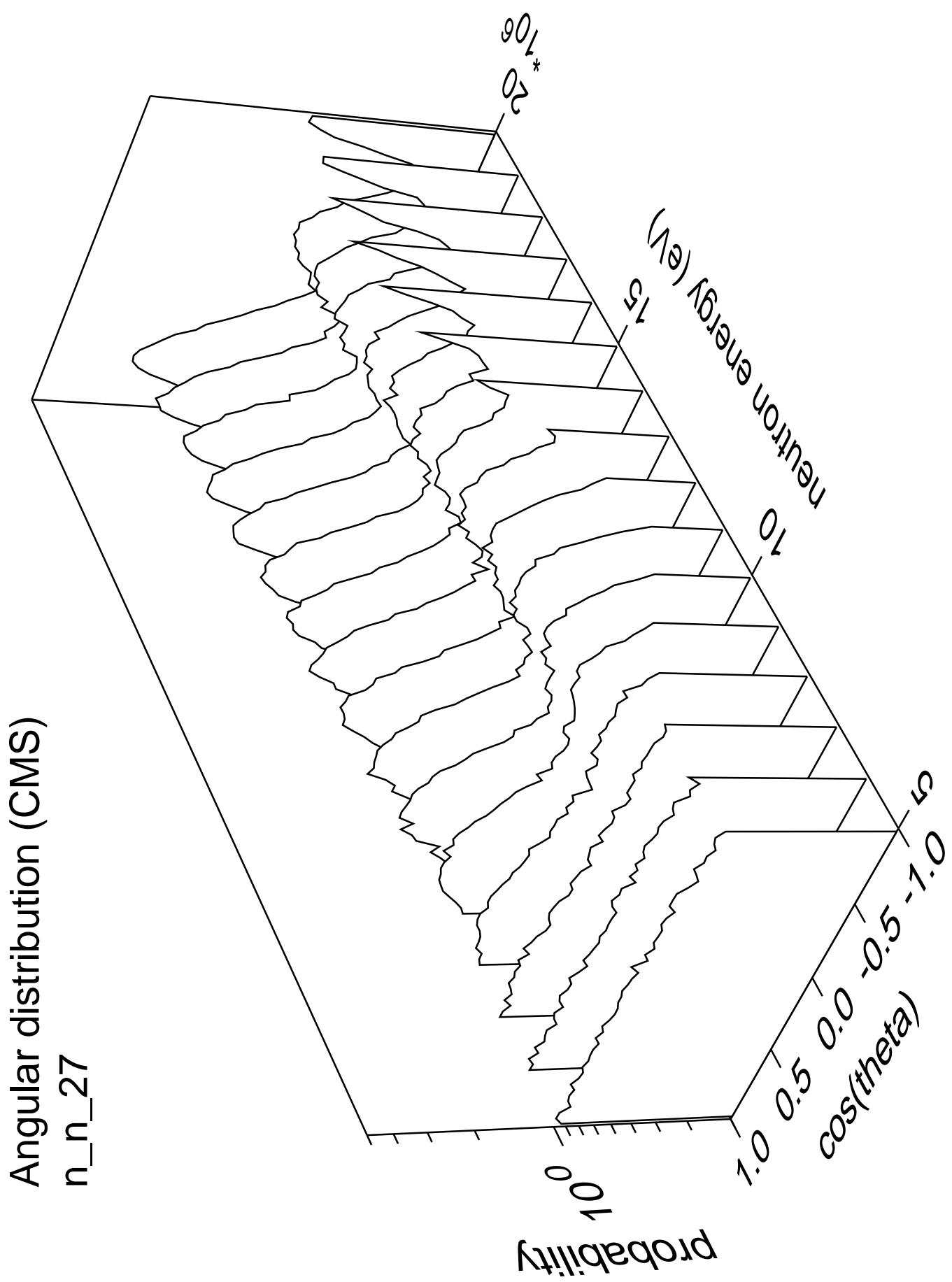


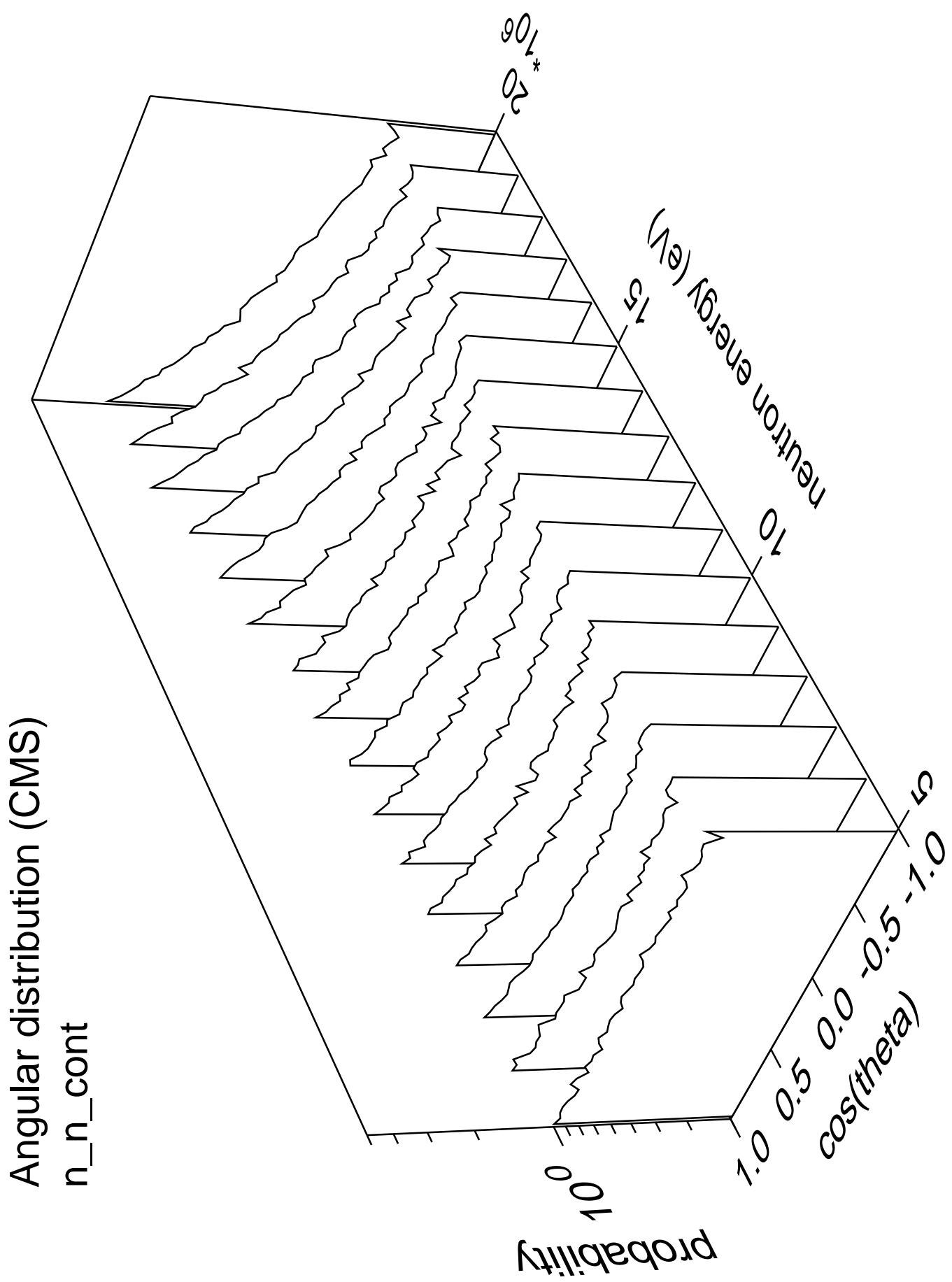


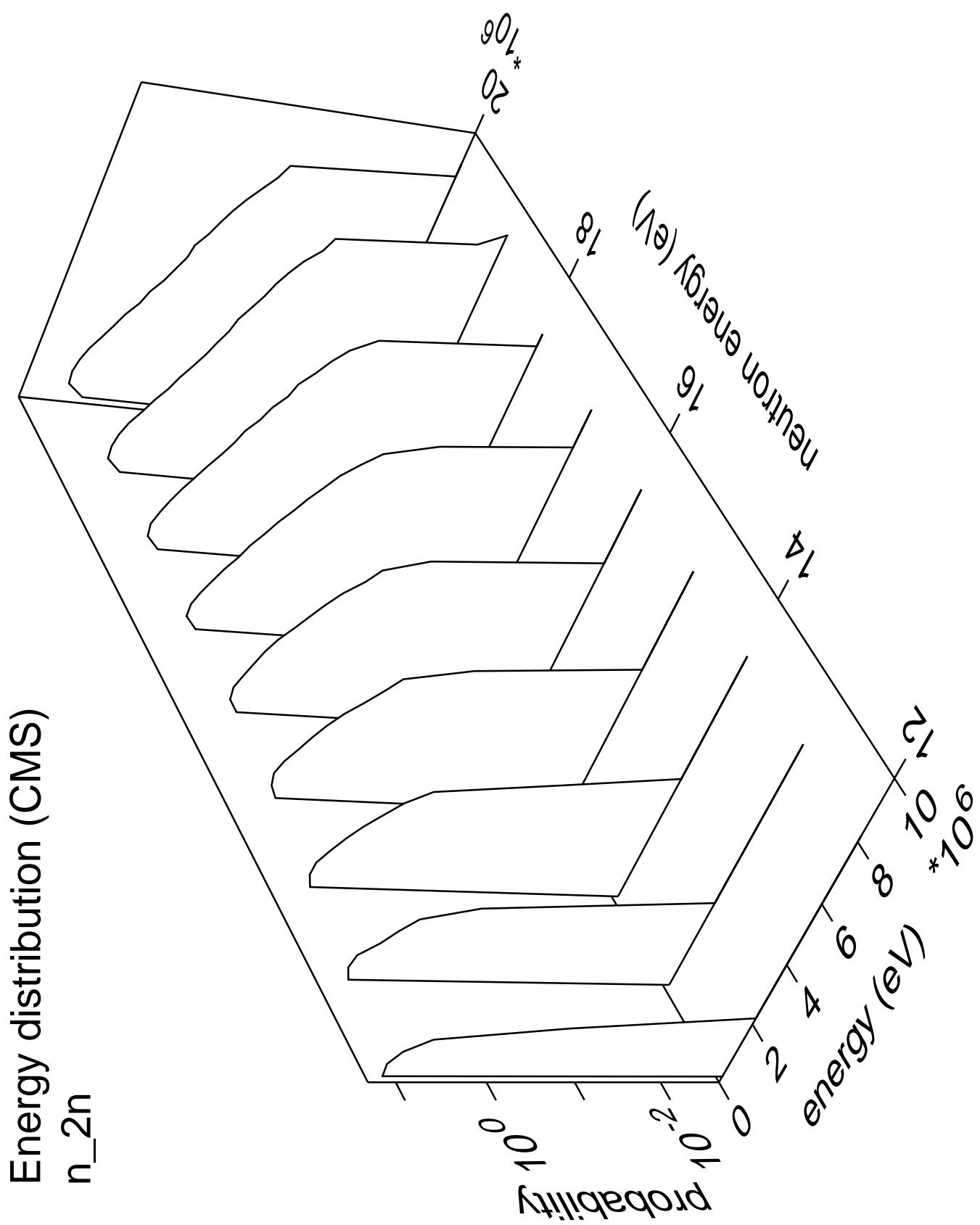


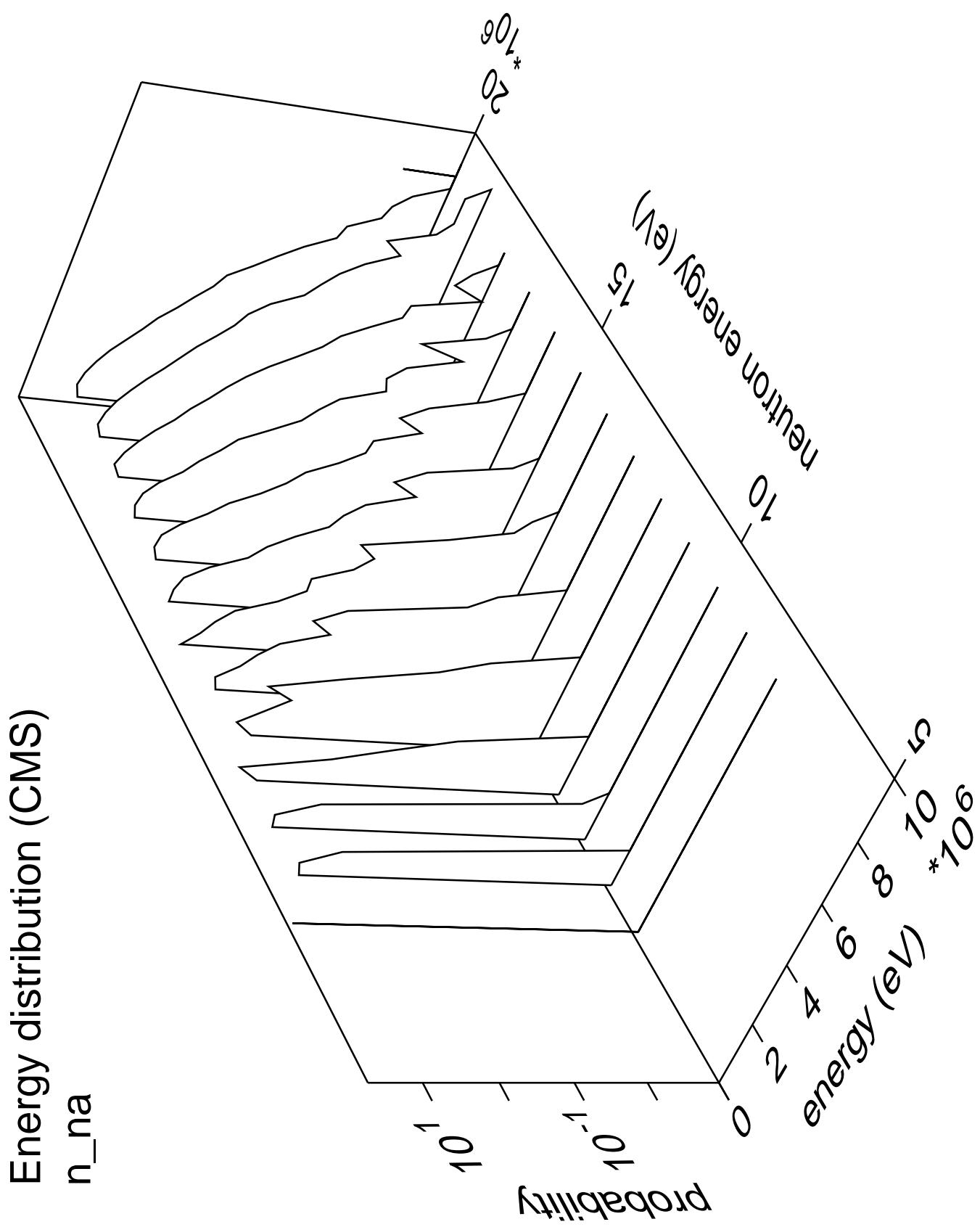


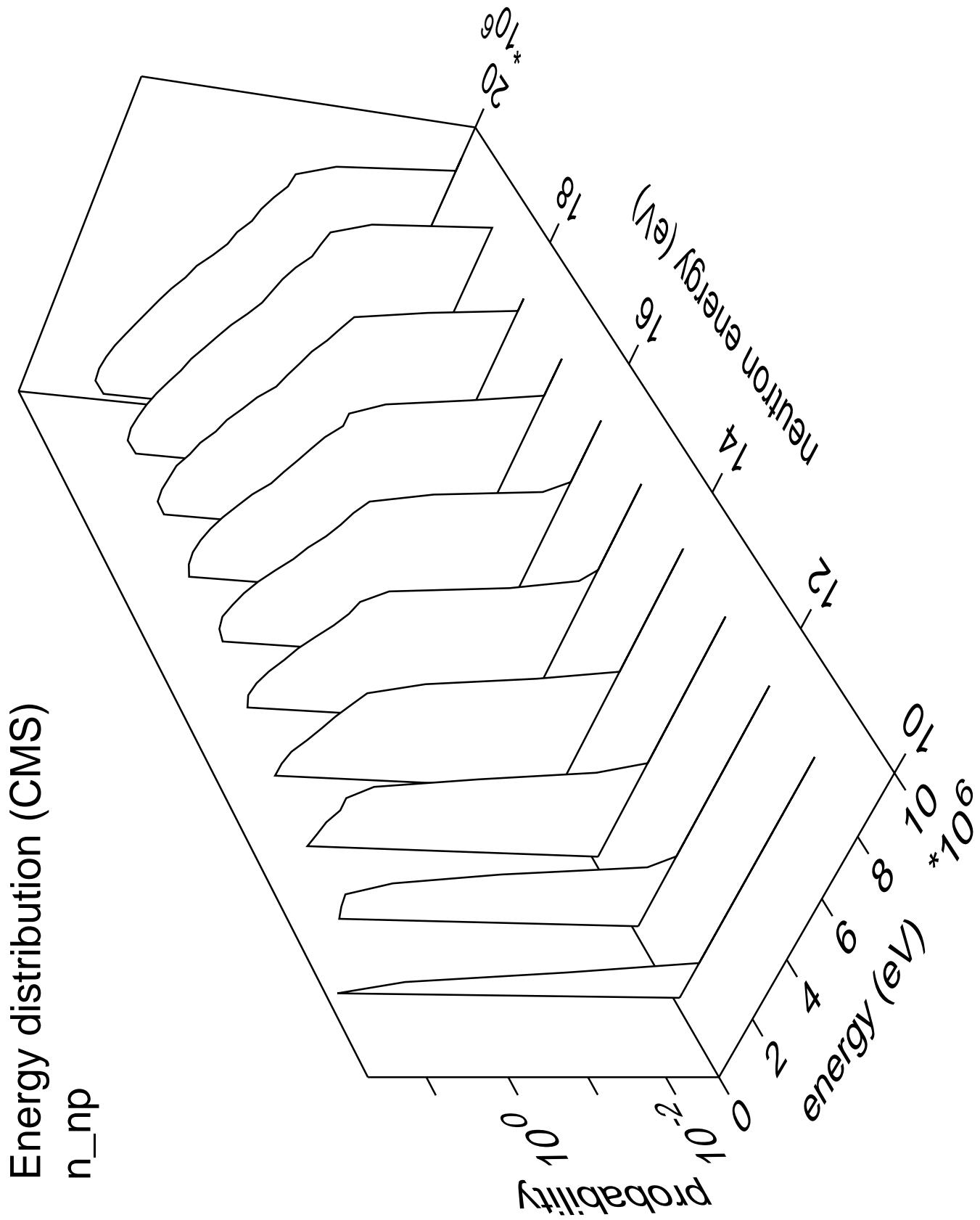




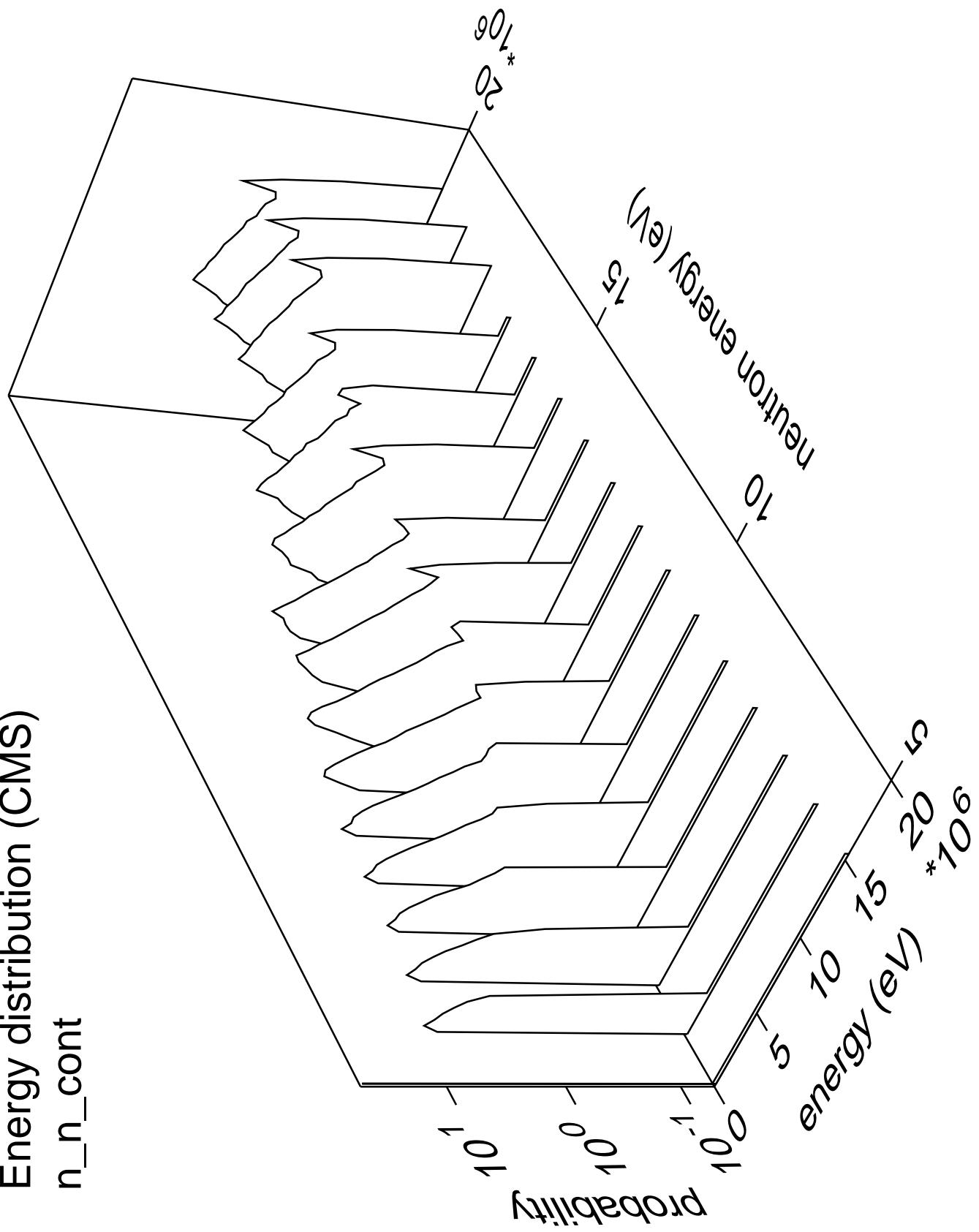




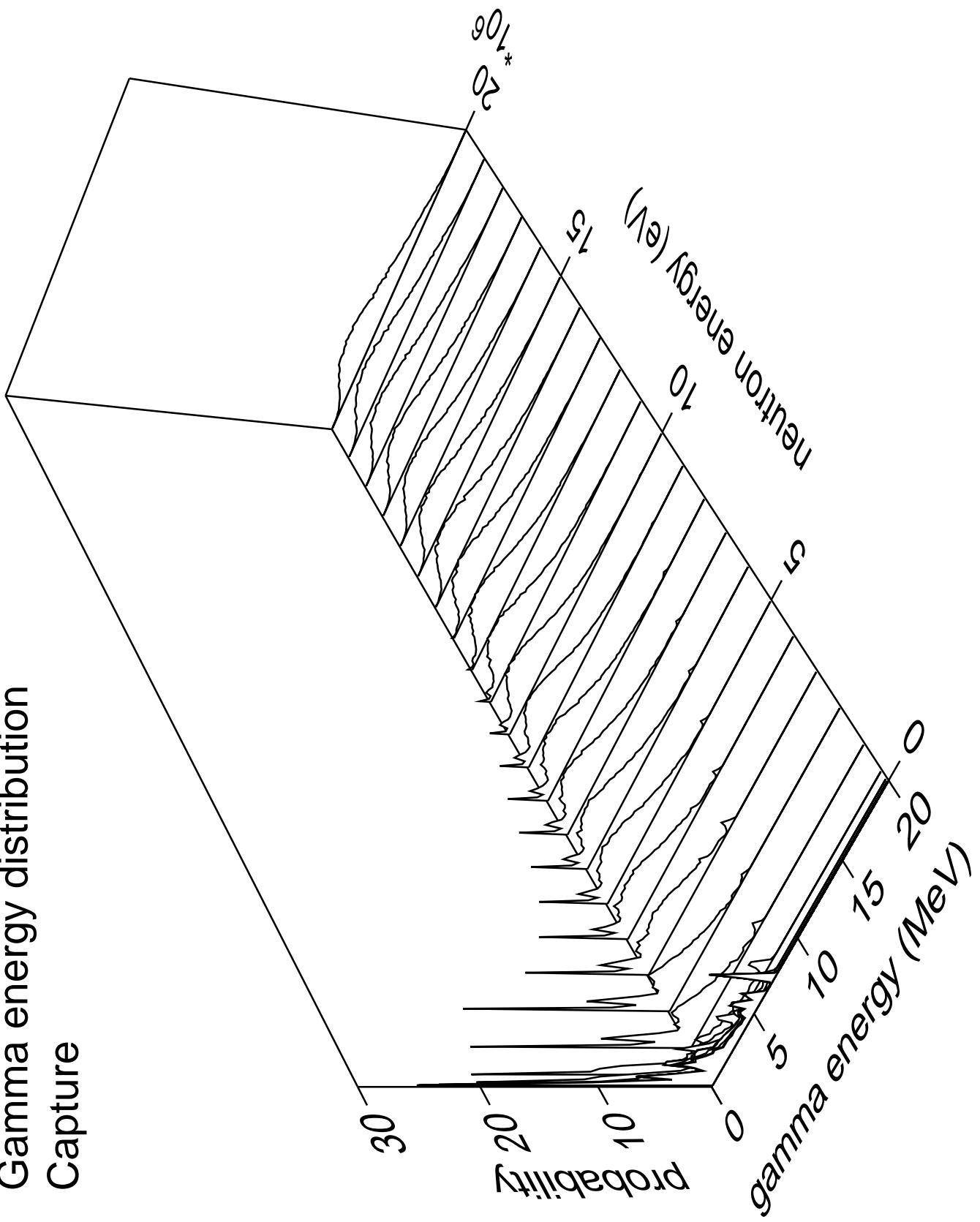




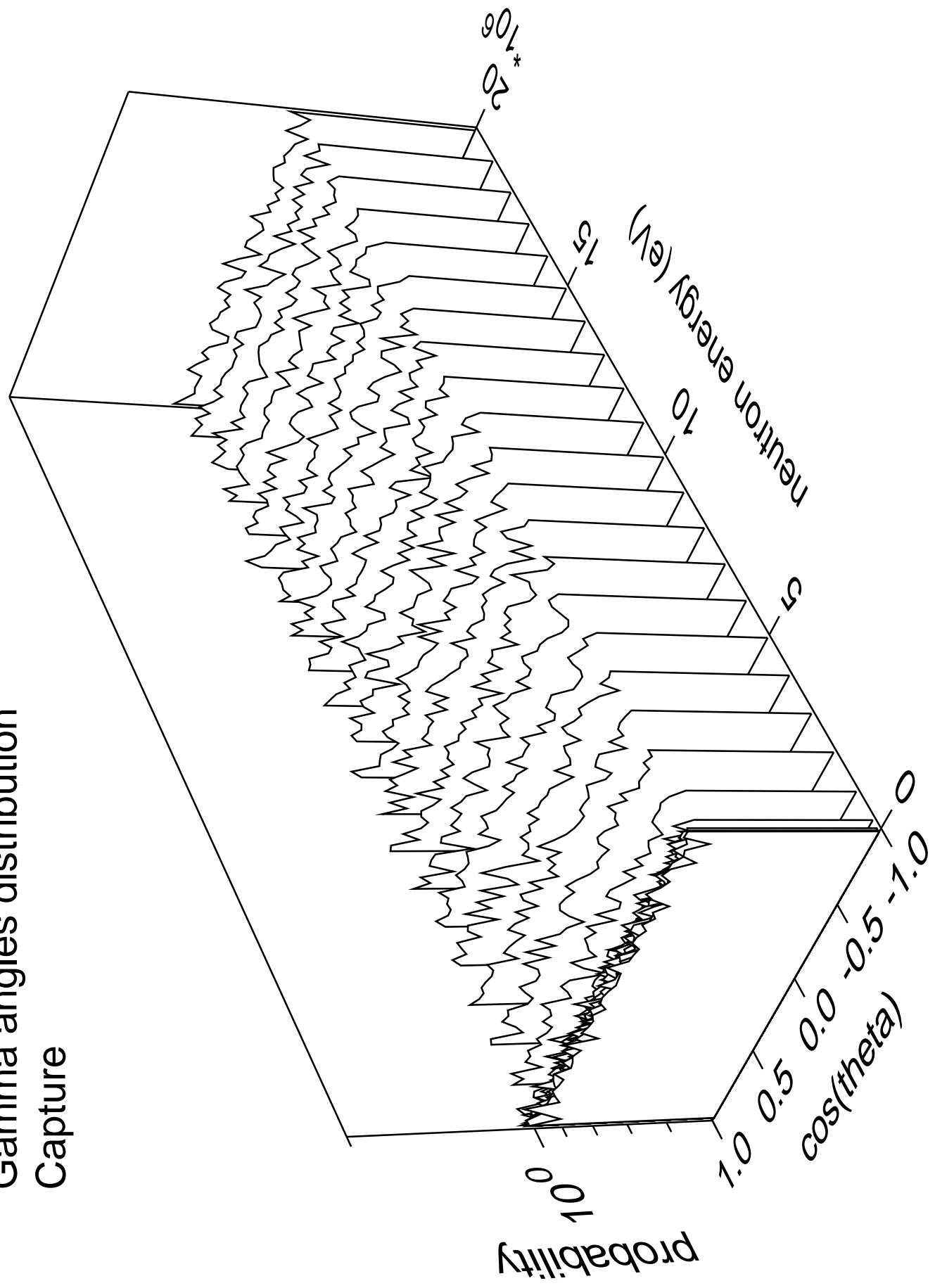
Energy distribution (CMS)  
 $n_n_{cont}$



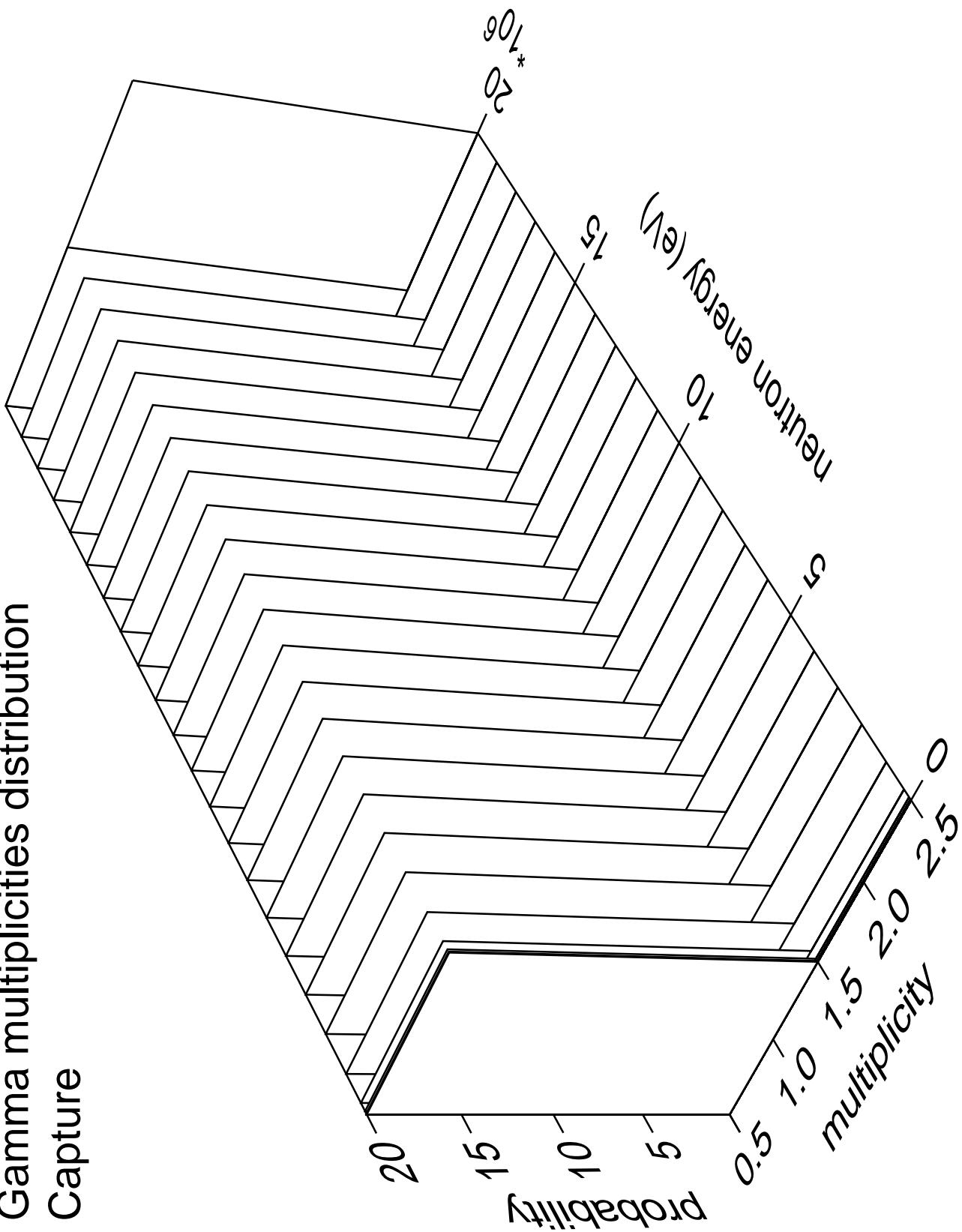
# Gamma energy distribution Capture



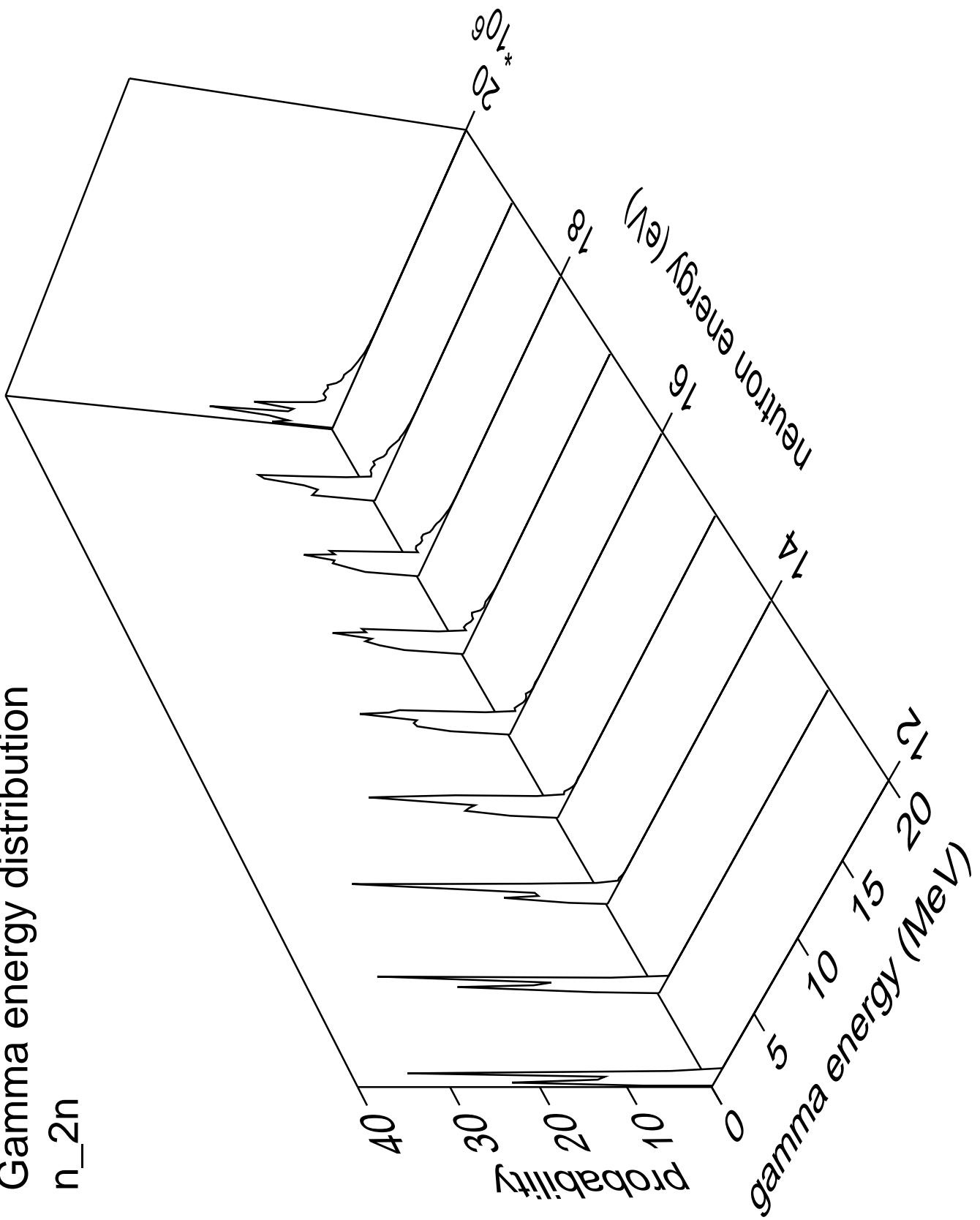
# Gamma angles distribution Capture



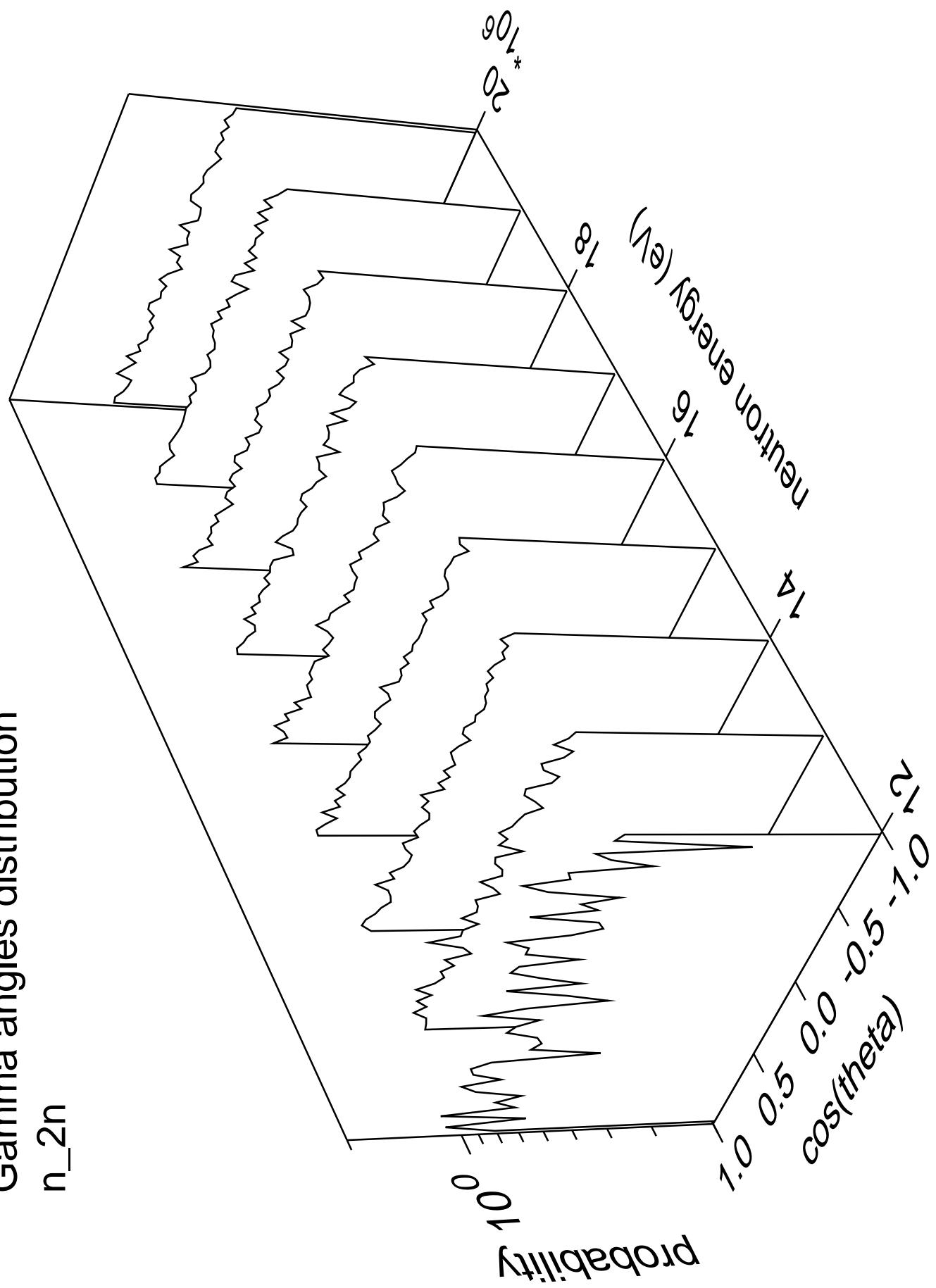
# Gamma multiplicities distribution Capture

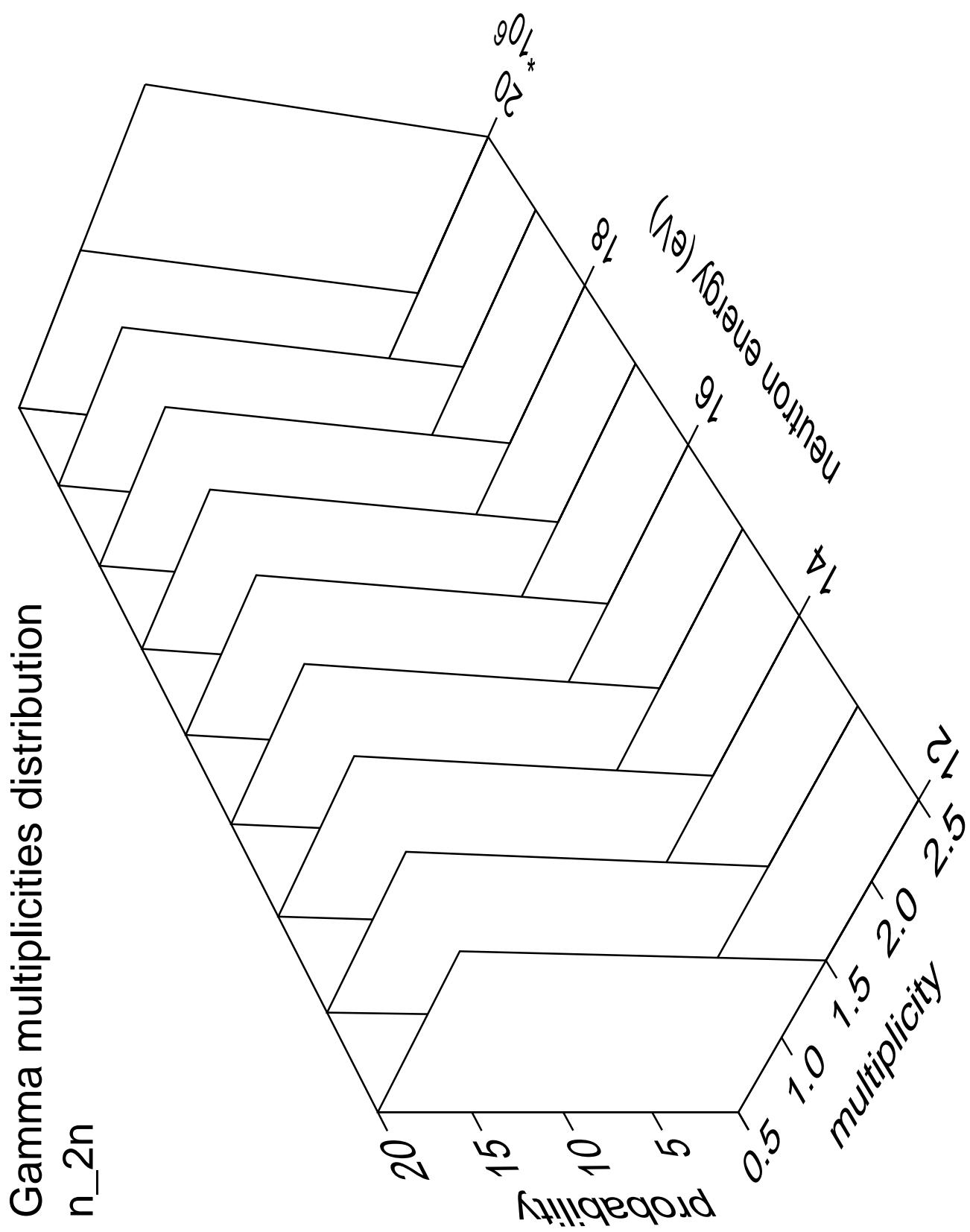


# Gamma energy distribution $n_{2n}$



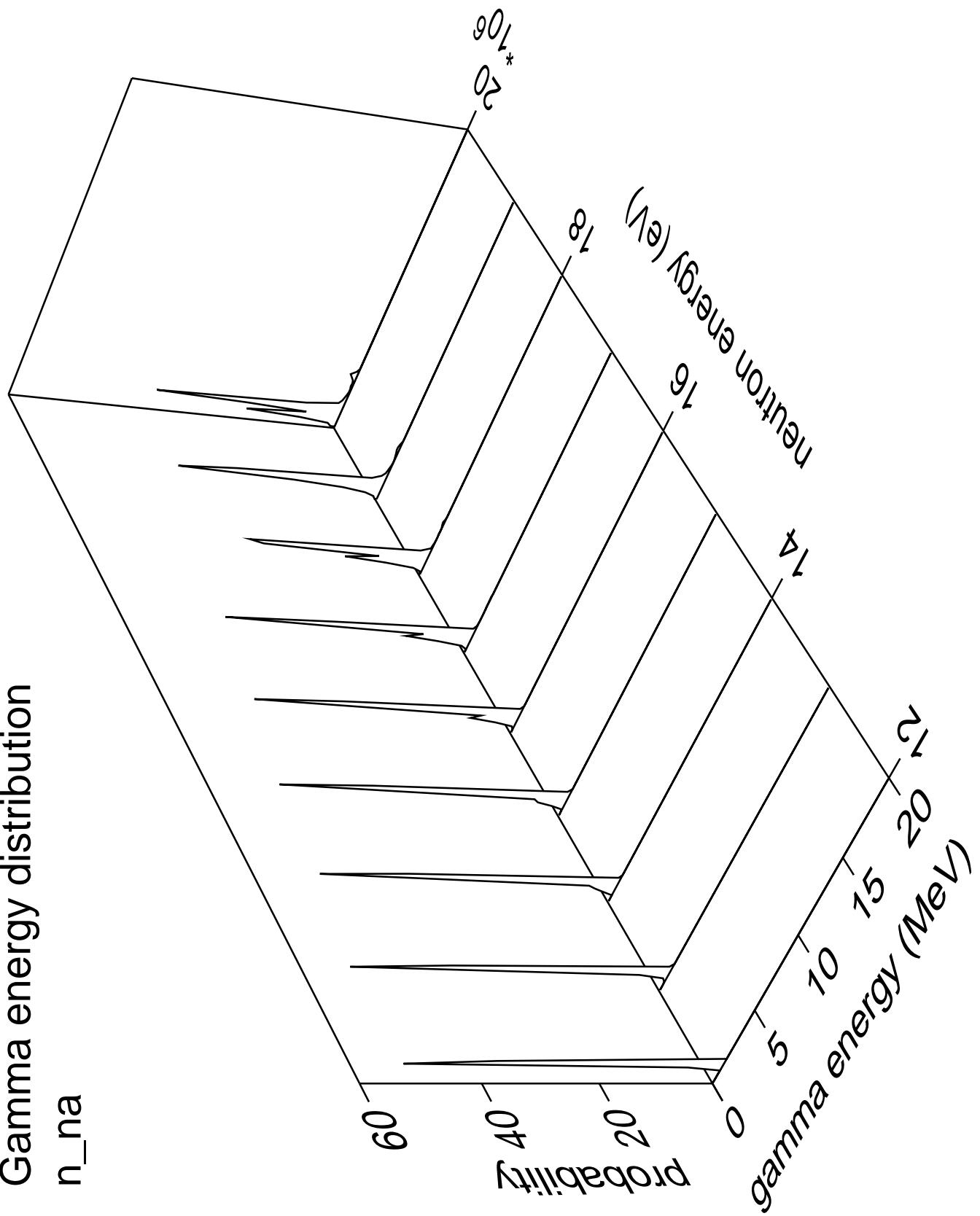
# Gamma angles distribution $n_{2n}$





Gamma energy distribution

$n_{na}$



Gamma angles distribution

$n_{na}$

$10^1$

$10^0$

Probability

$10^0$

$10^1$

$1.0$

$0.5$

$0.0$

$-0.5$

$-1.0$

$\cos(\theta)$

Neutron energy ( $eV$ )

$10^6$

$10^5$

$10^4$

$10^3$

$10^2$

$10^1$

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

$10^{-7}$

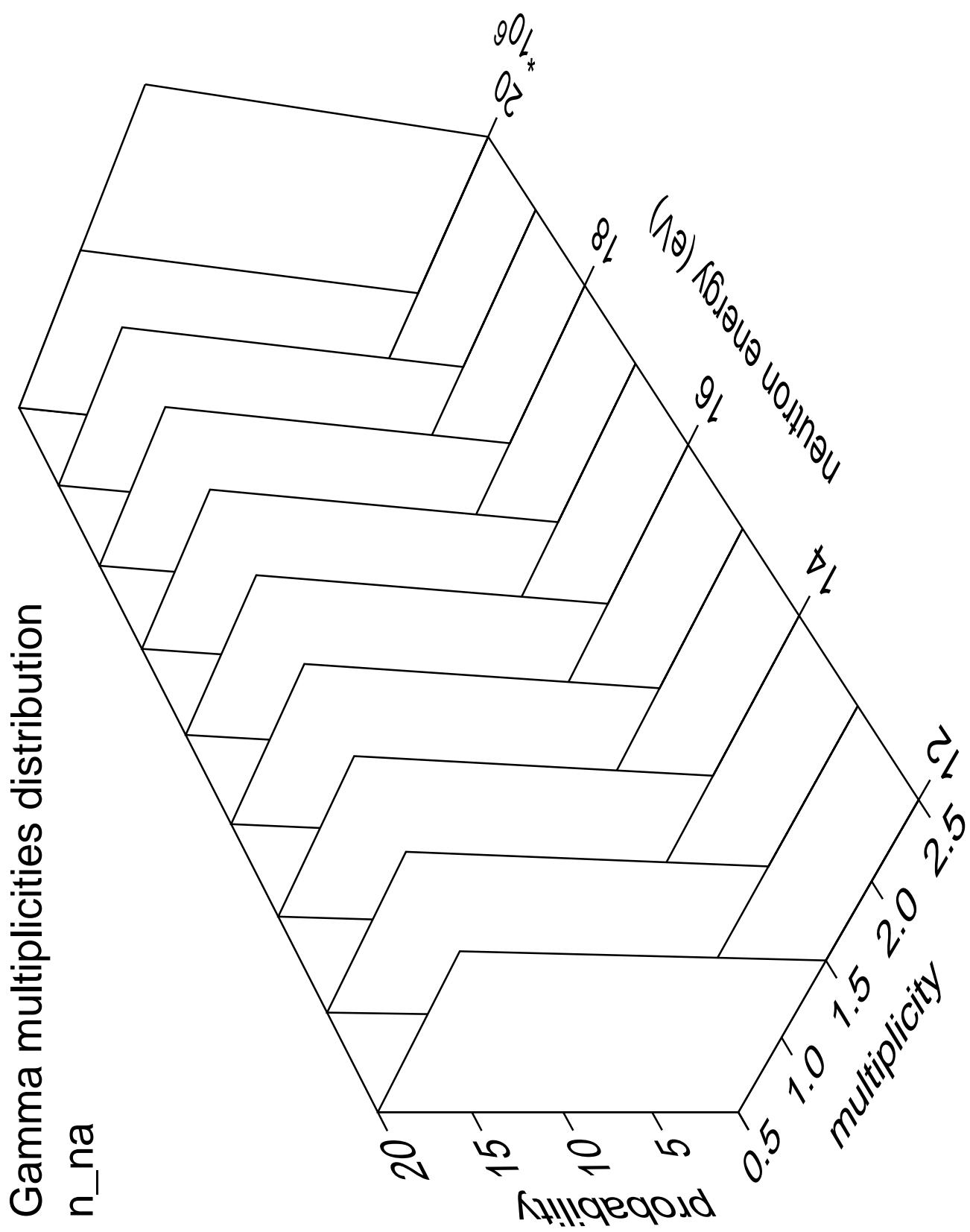
$10^{-8}$

$10^{-9}$

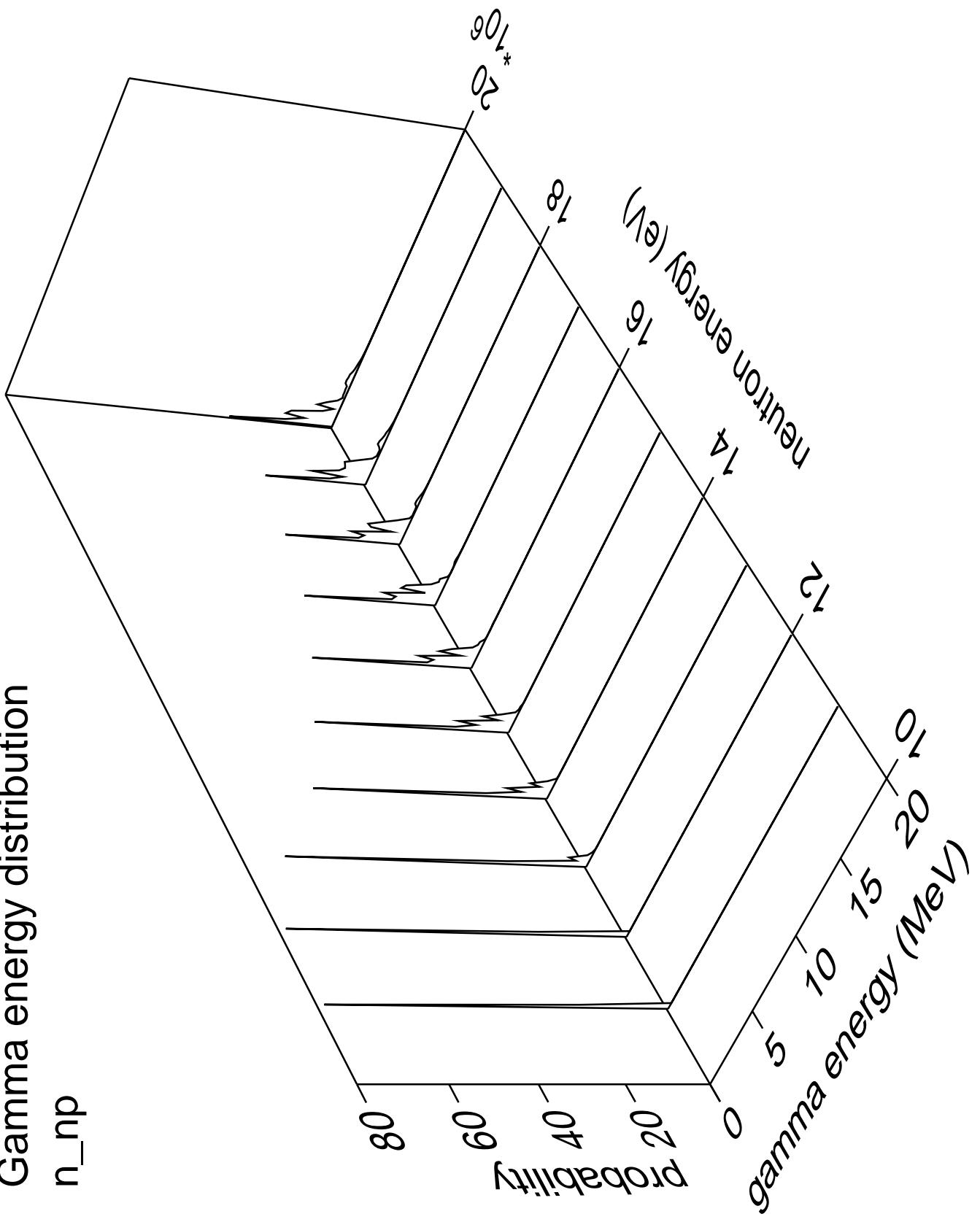
$10^{-10}$

$10^{-11}$

$10^{-12}$



Gamma energy distribution  
 $n_{np}$



Gamma angles distribution

$n_{np}$

Probability

$10^0$

Neutron energy (eV)

$10^6$

$10^5$

$10^4$

$10^3$

$10^2$

$10^1$

$10^0$

$\cos(\theta)$

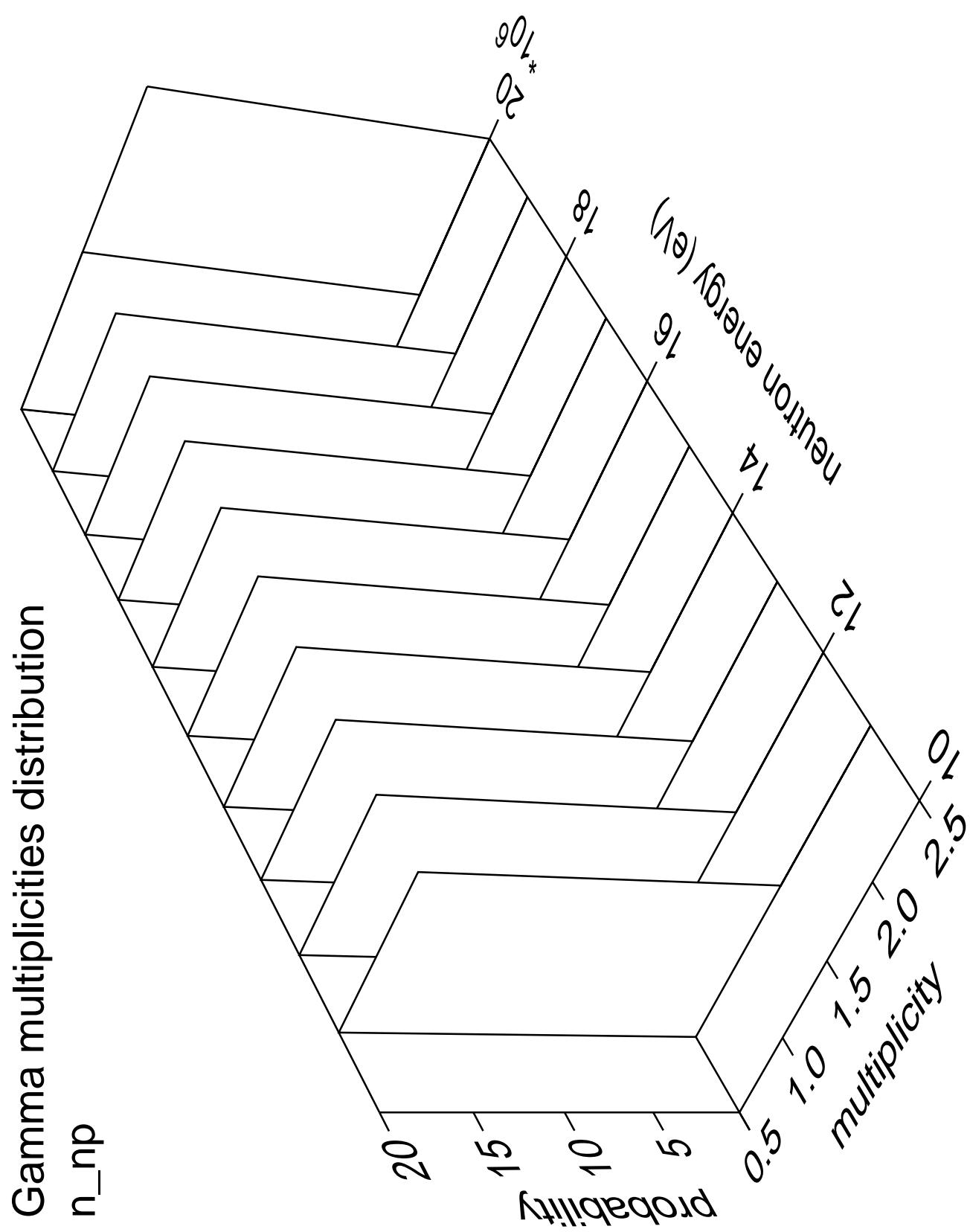
$1.0$

$0.5$

$0.0$

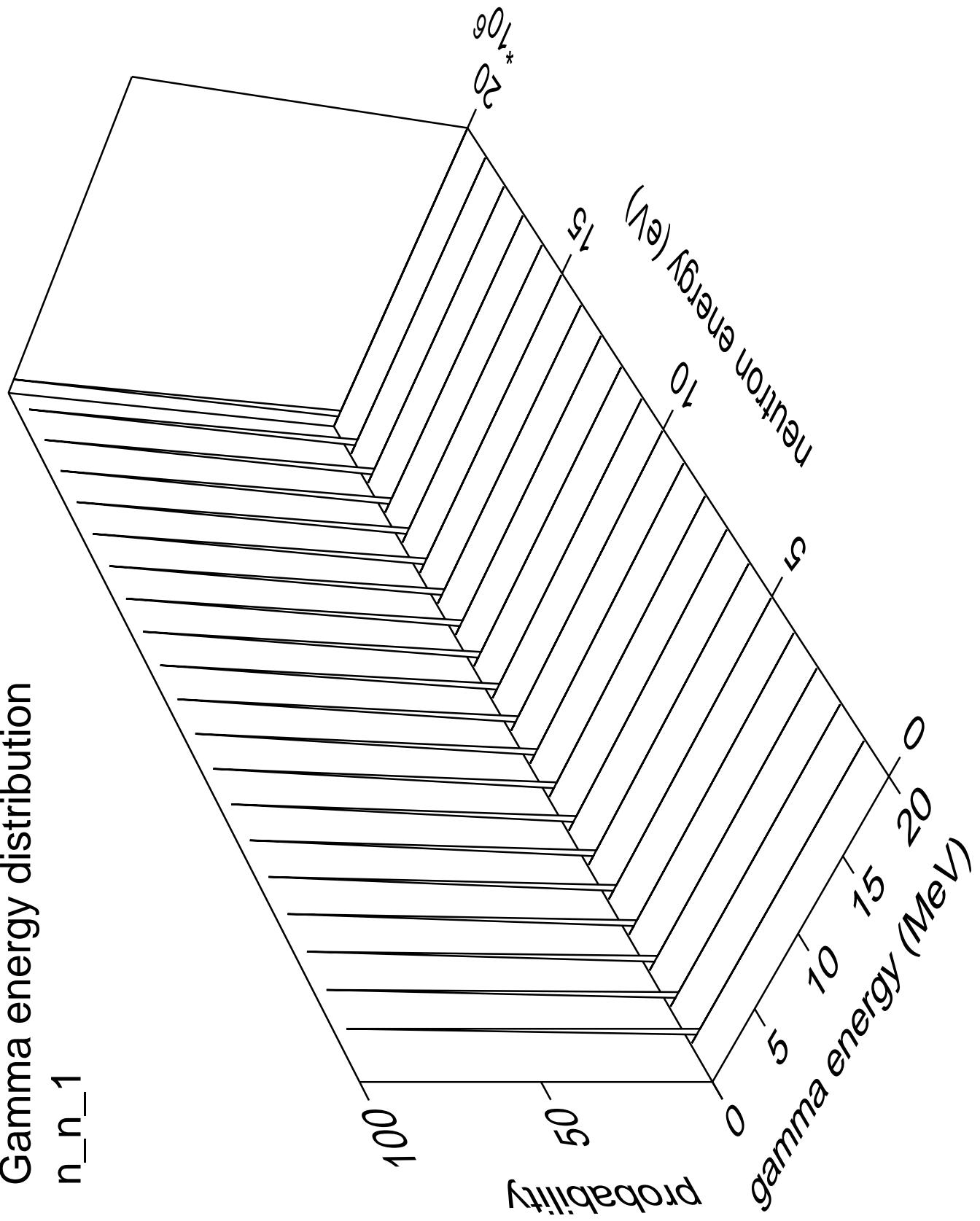
$-0.5$

$-1.0$



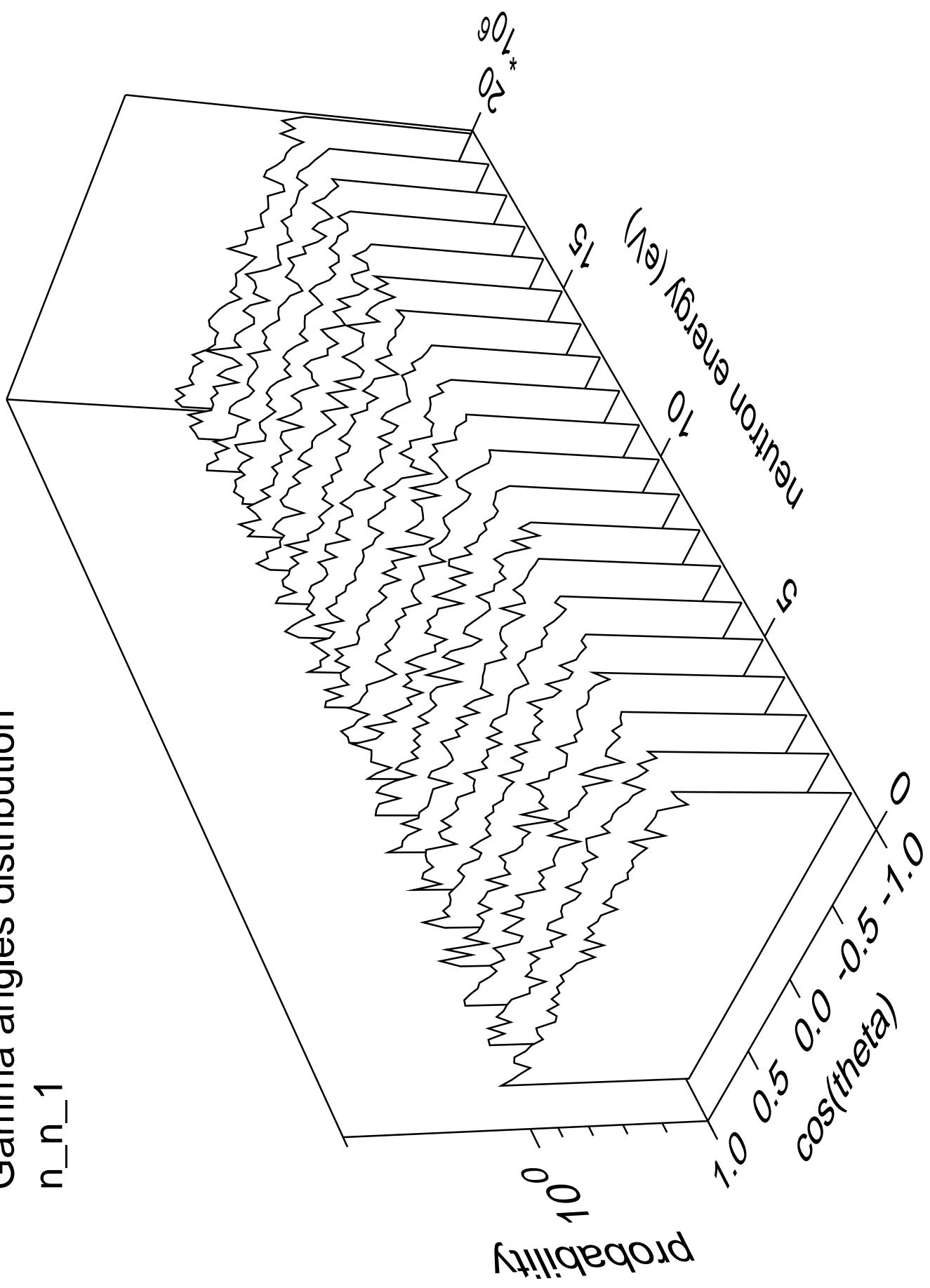
Gamma energy distribution

n\_n\_1

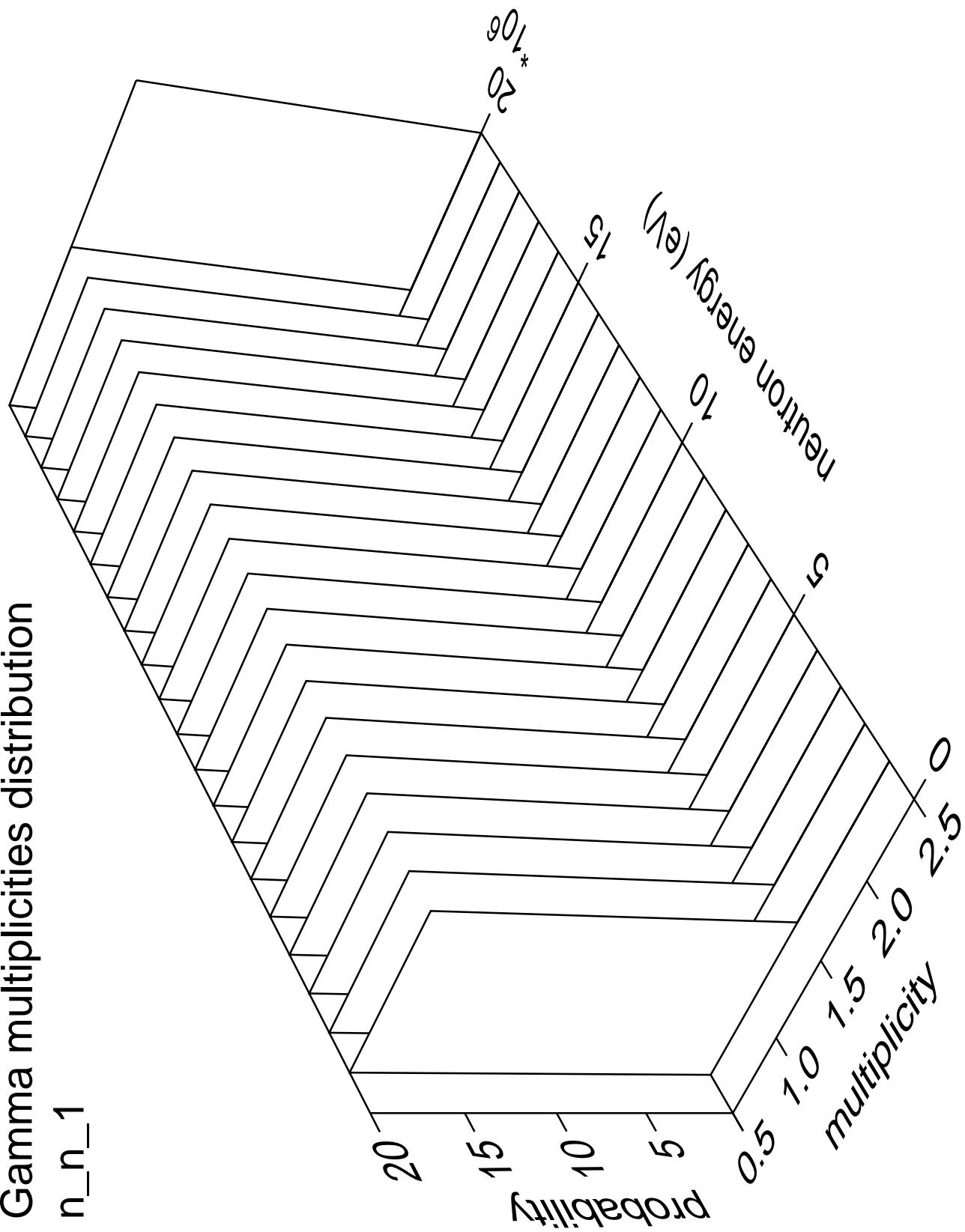


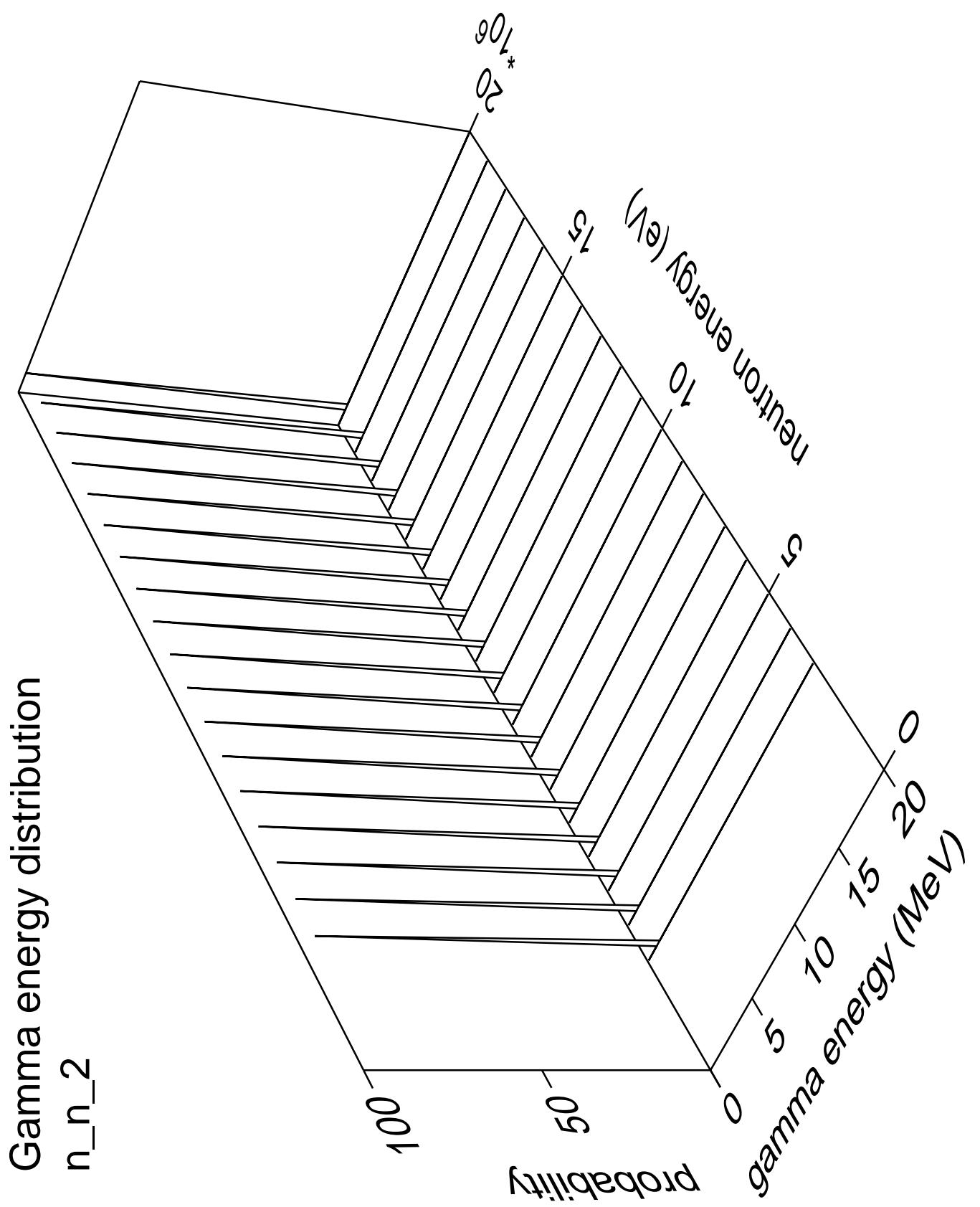
Gamma angles distribution

$n_{n_1}$



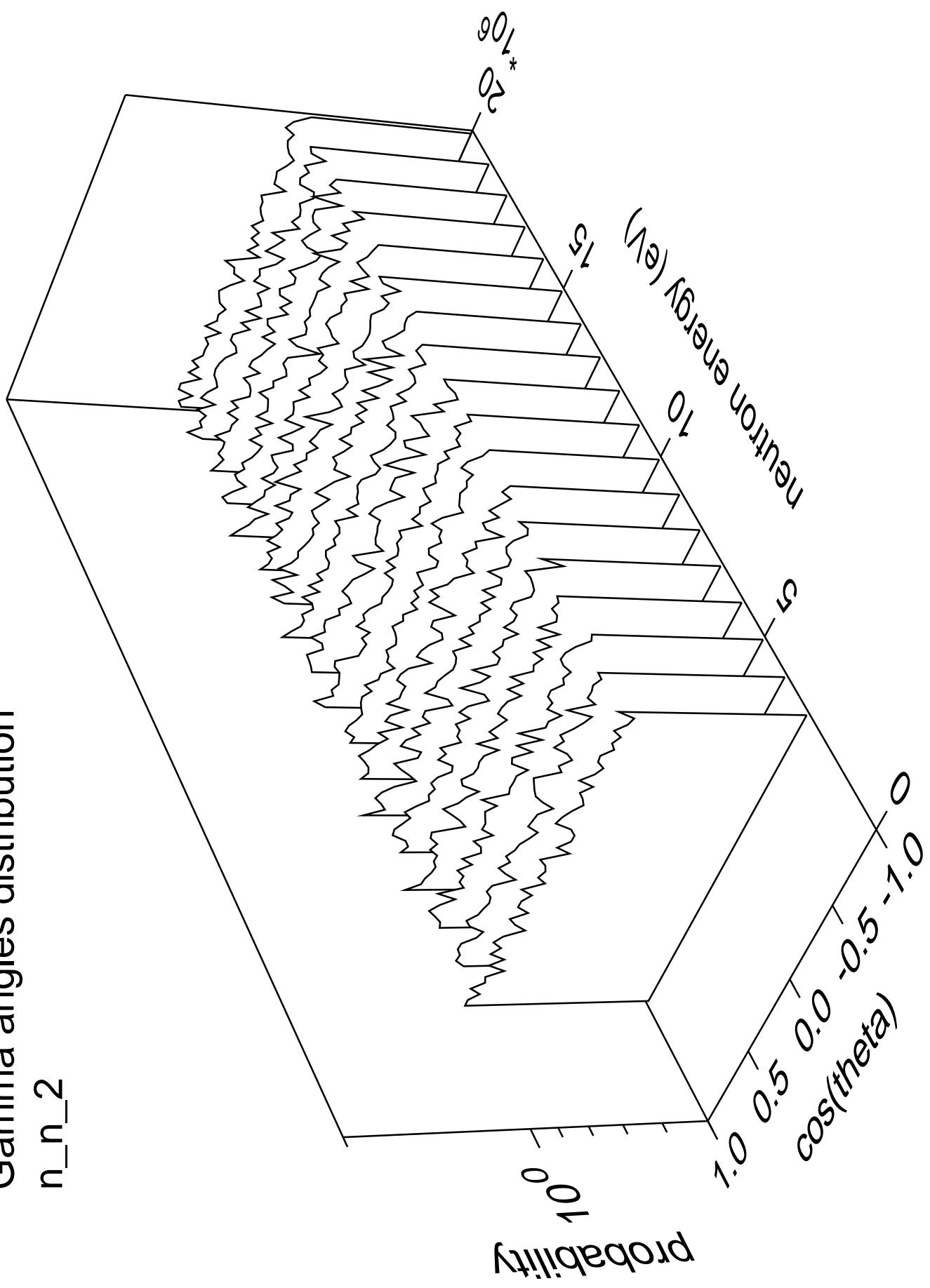
# Gamma multiplicities distribution

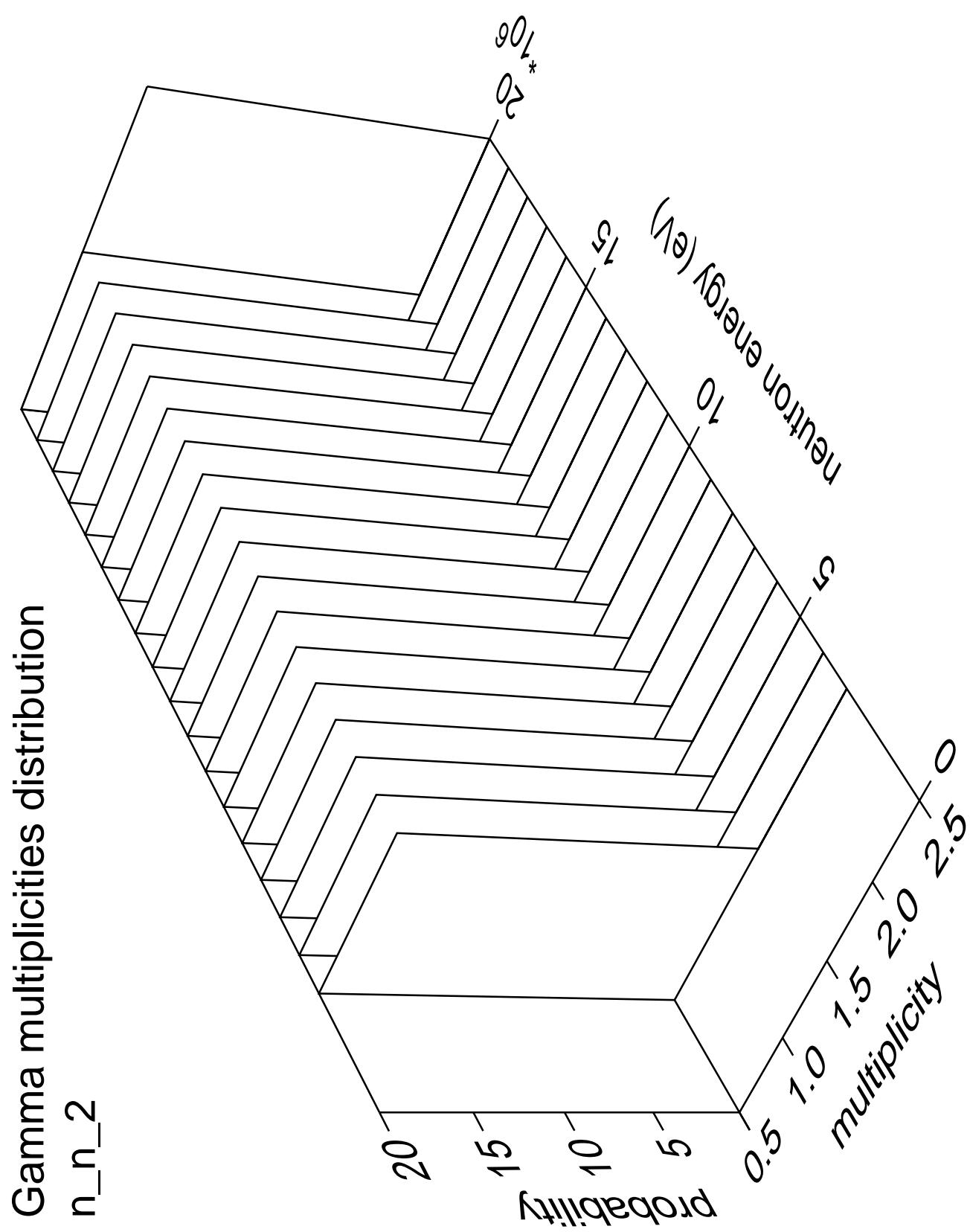




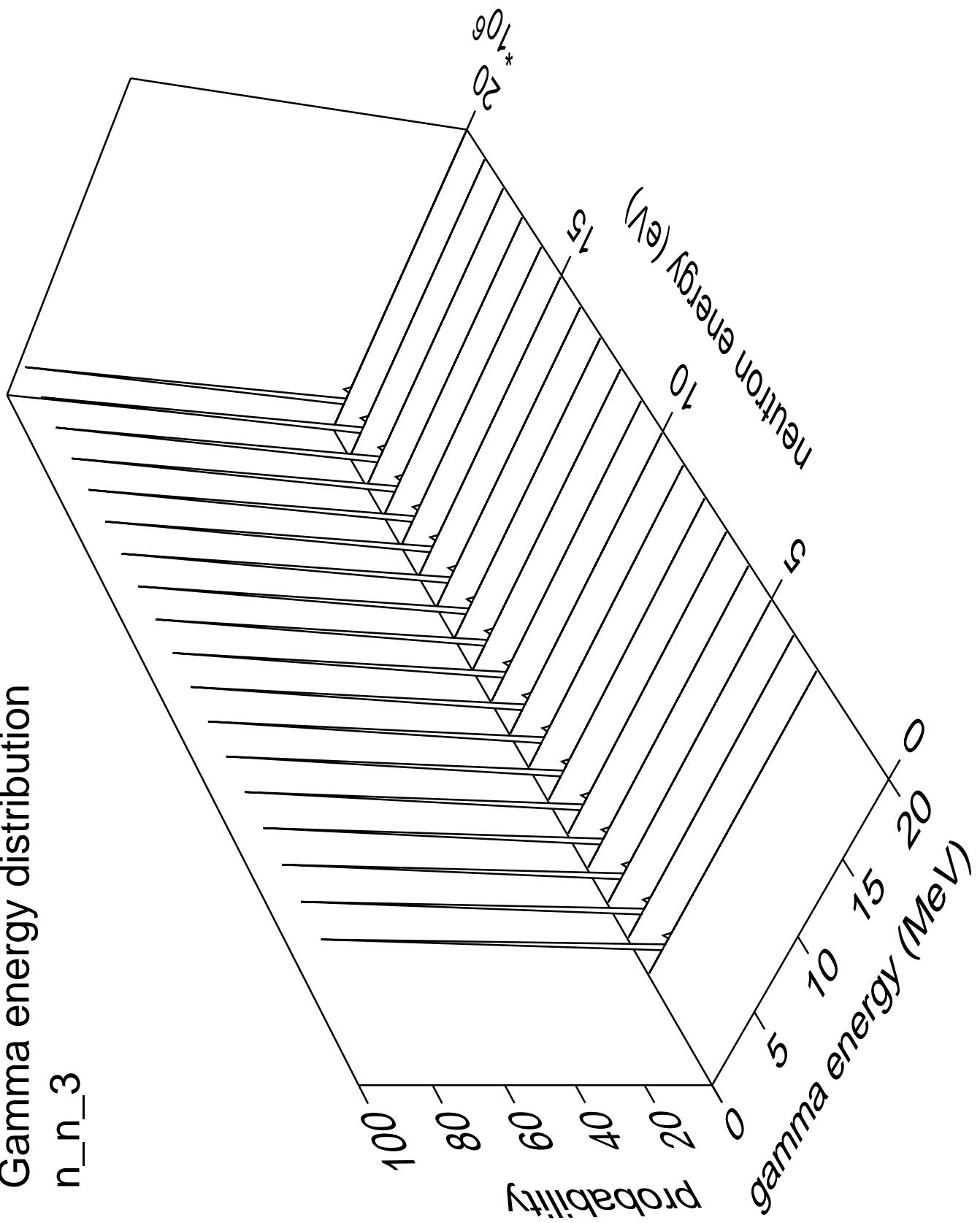
Gamma angles distribution

n\_n\_2



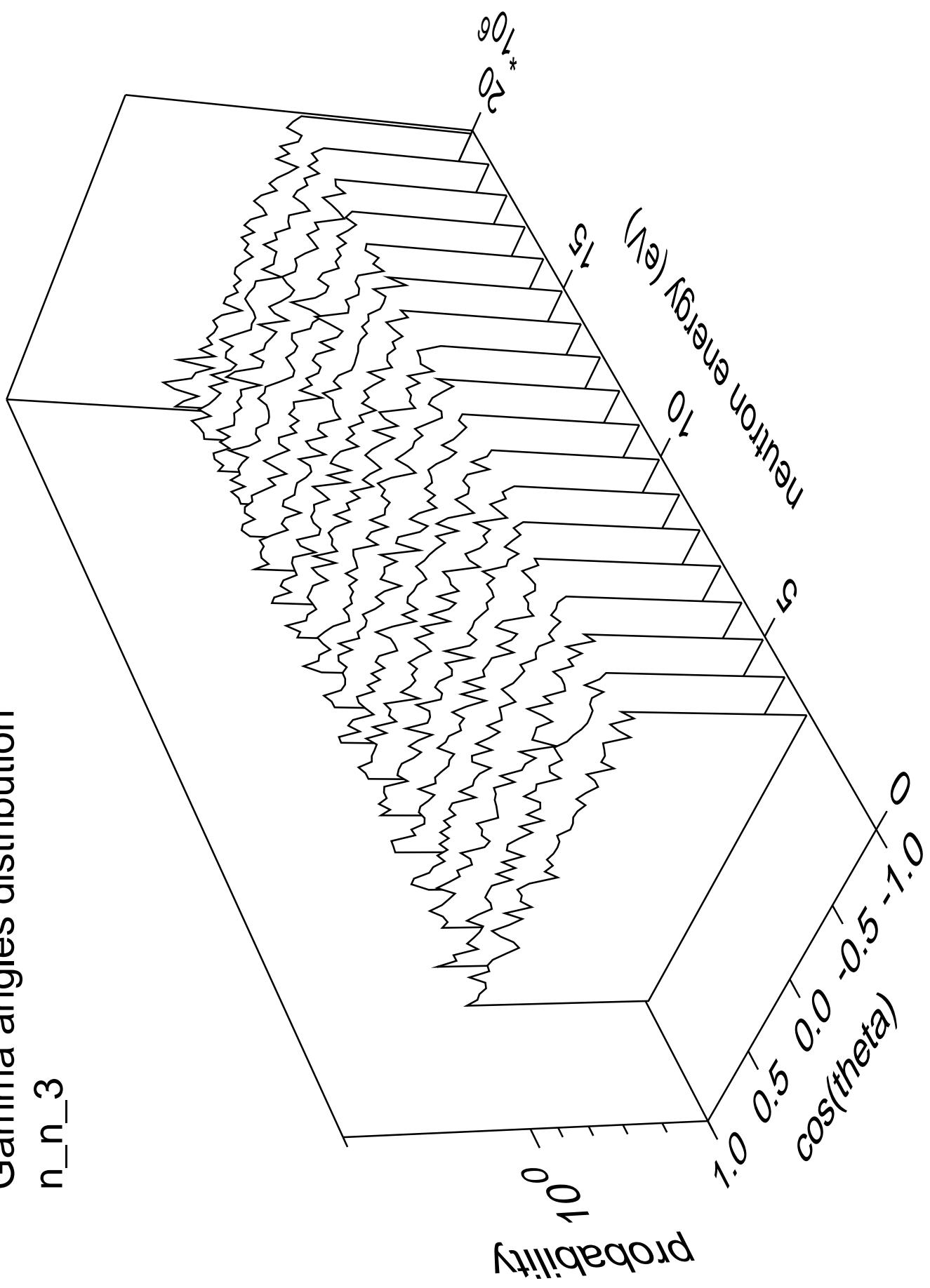


# Gamma energy distribution $n_n_3$

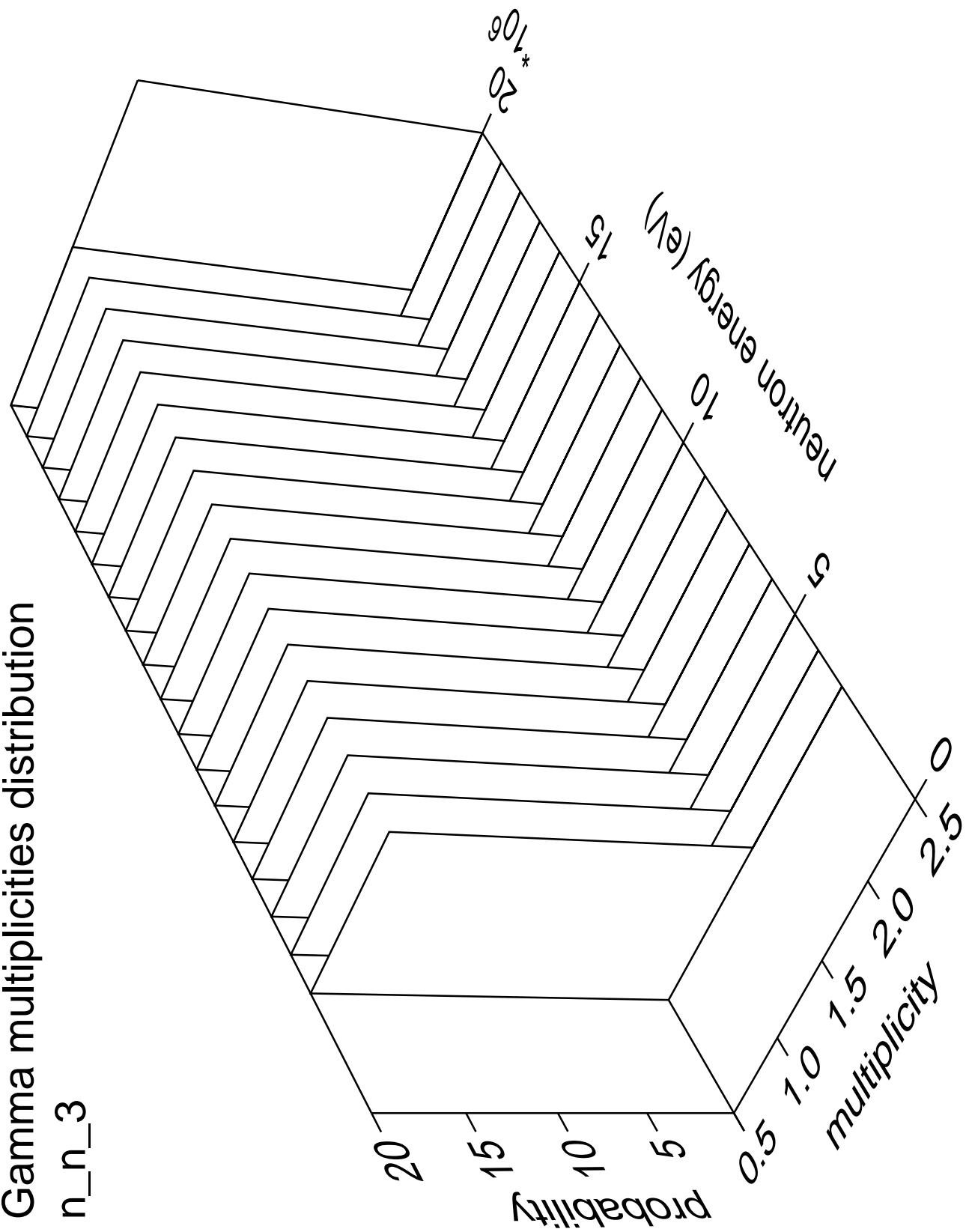


Gamma angles distribution

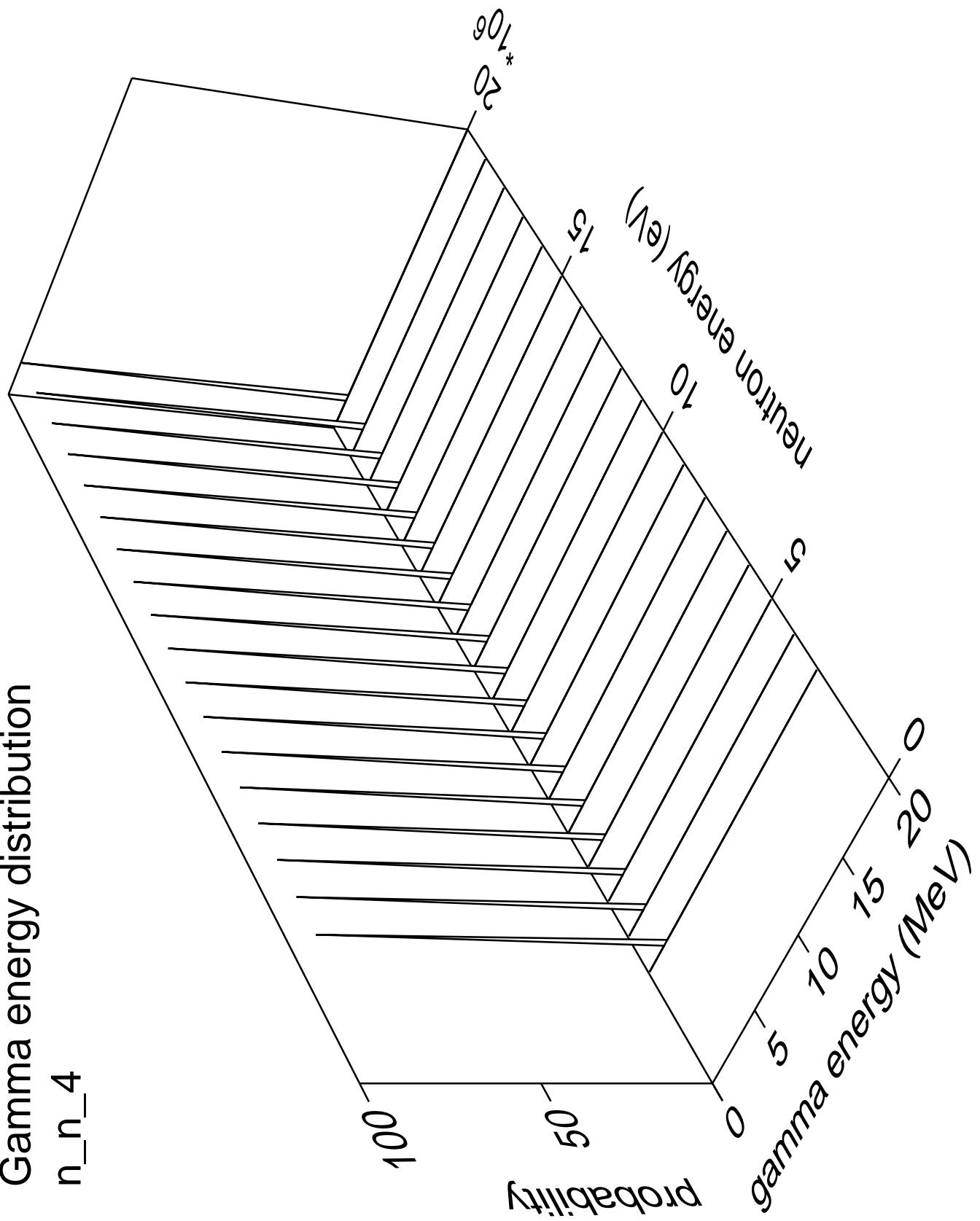
n\_n\_3



### Gamma multiplicities distribution

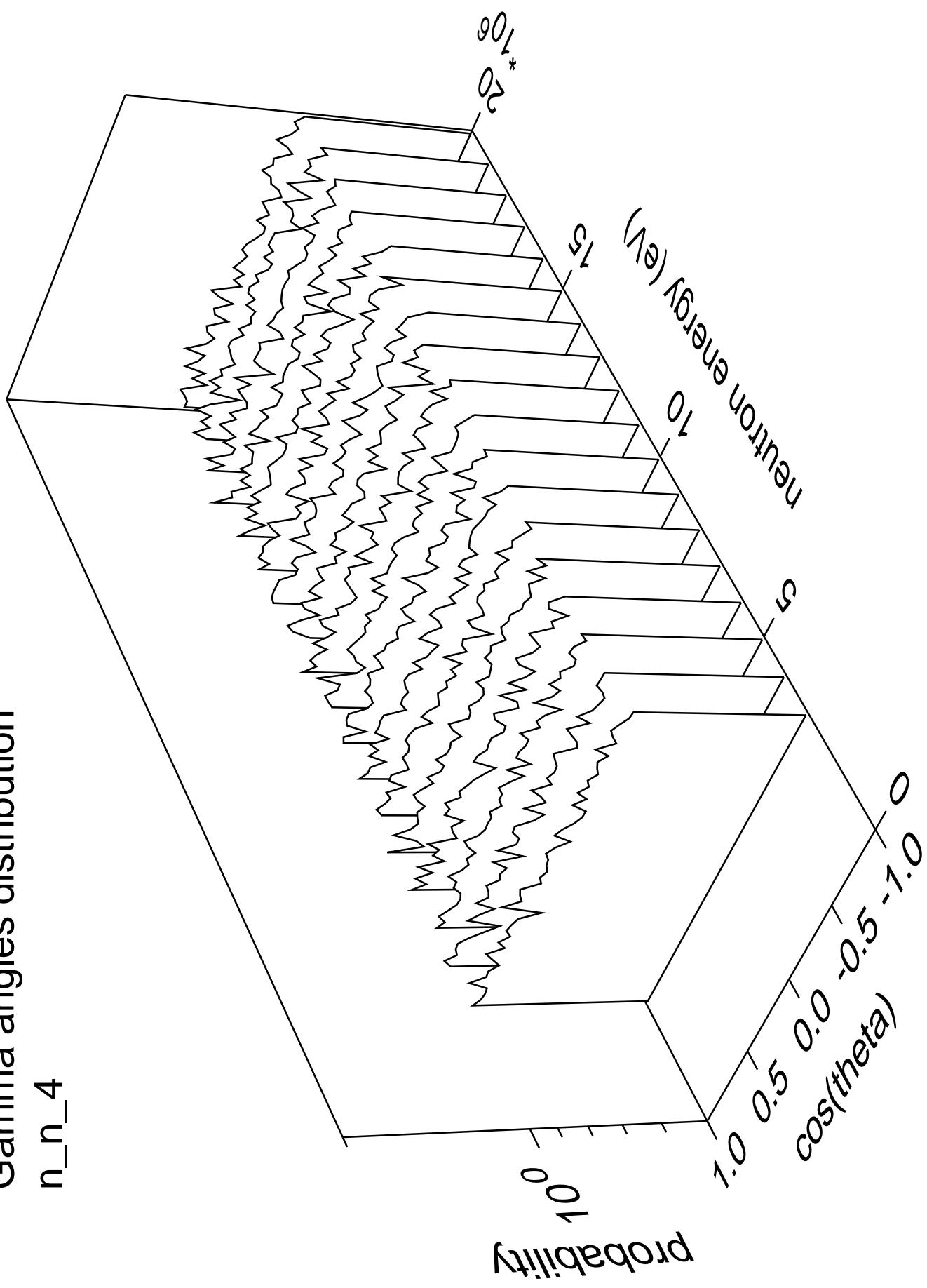


# $n_n_4$

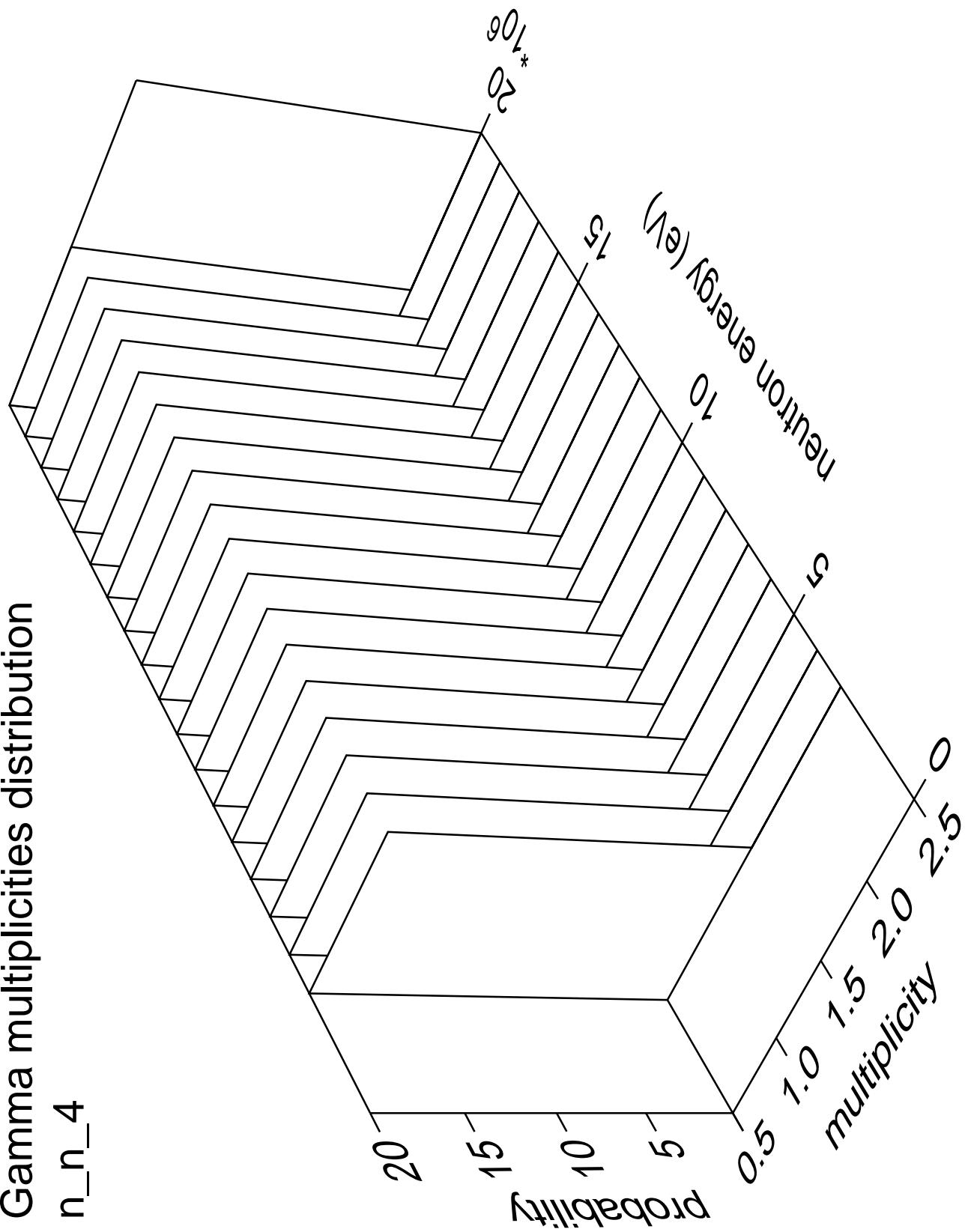


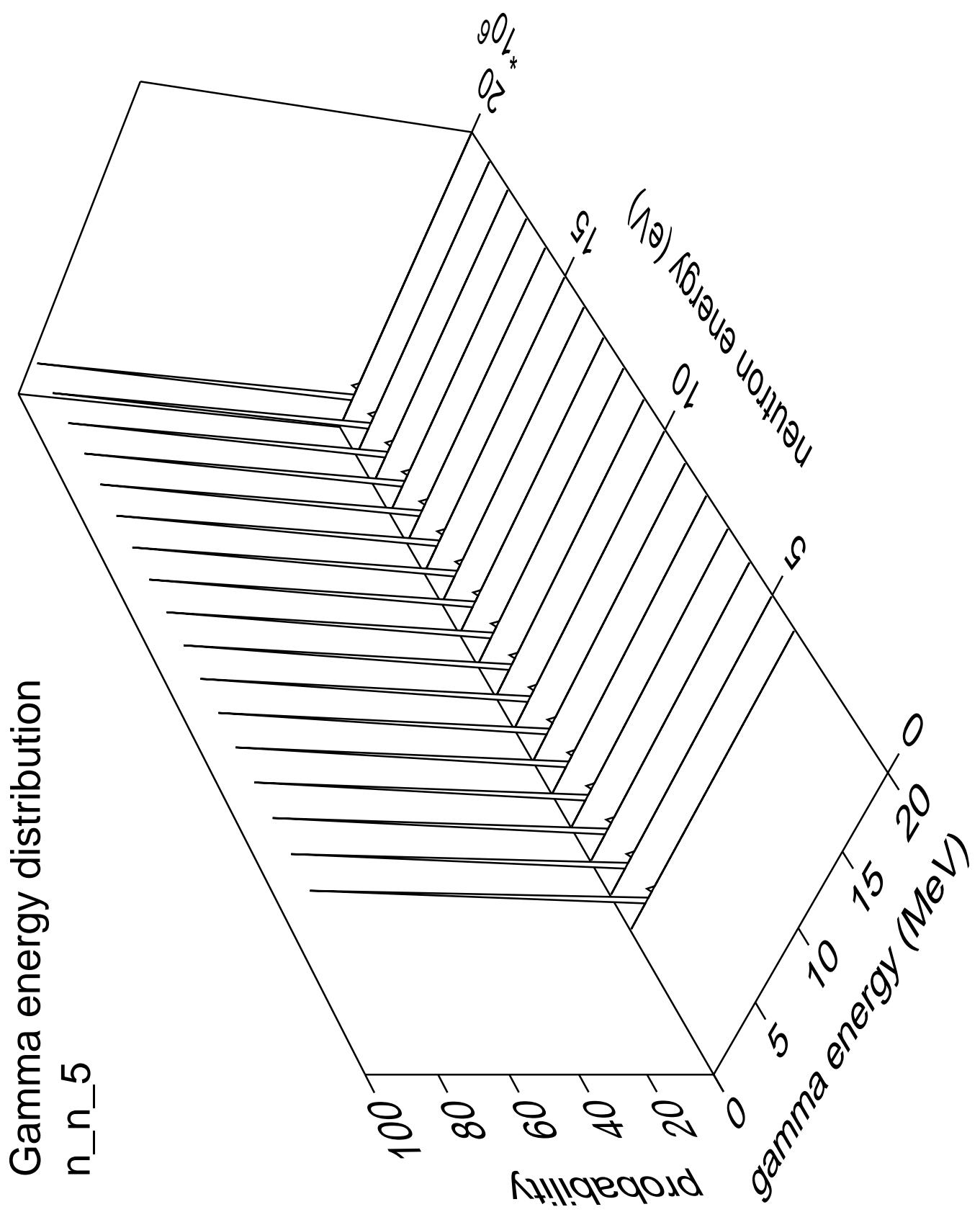
Gamma angles distribution

n\_n\_4



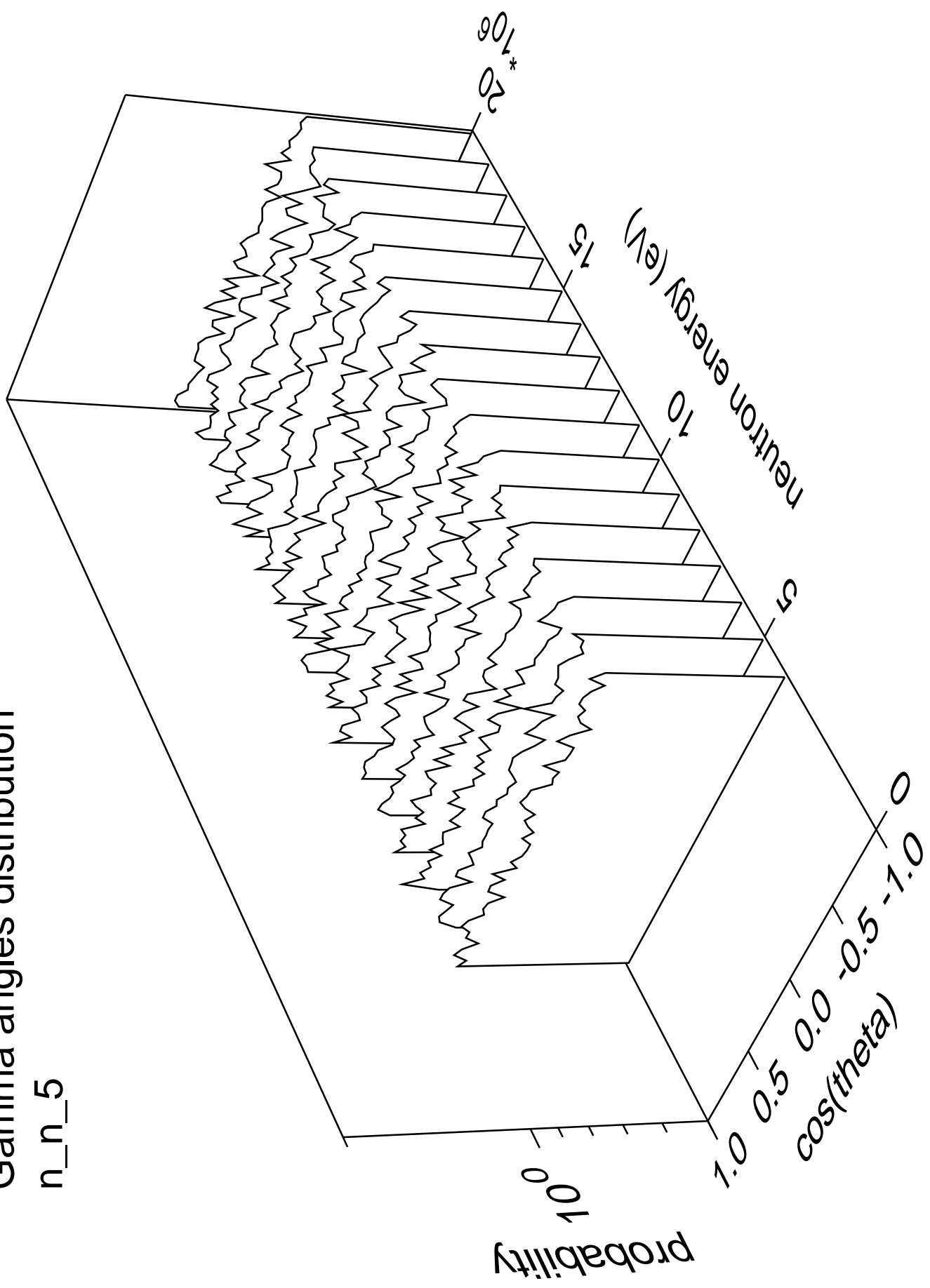
## Gamma multiplicities distribution



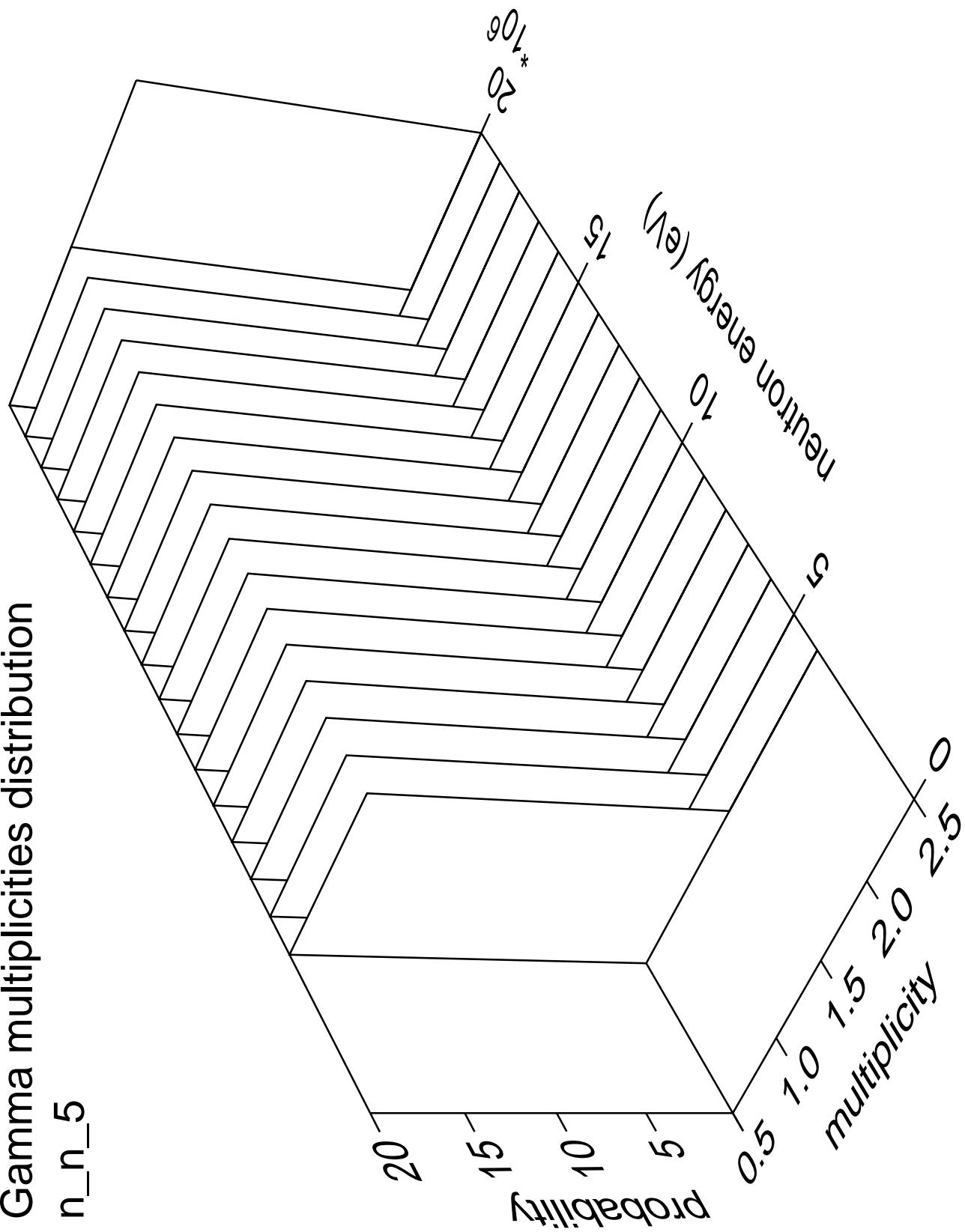


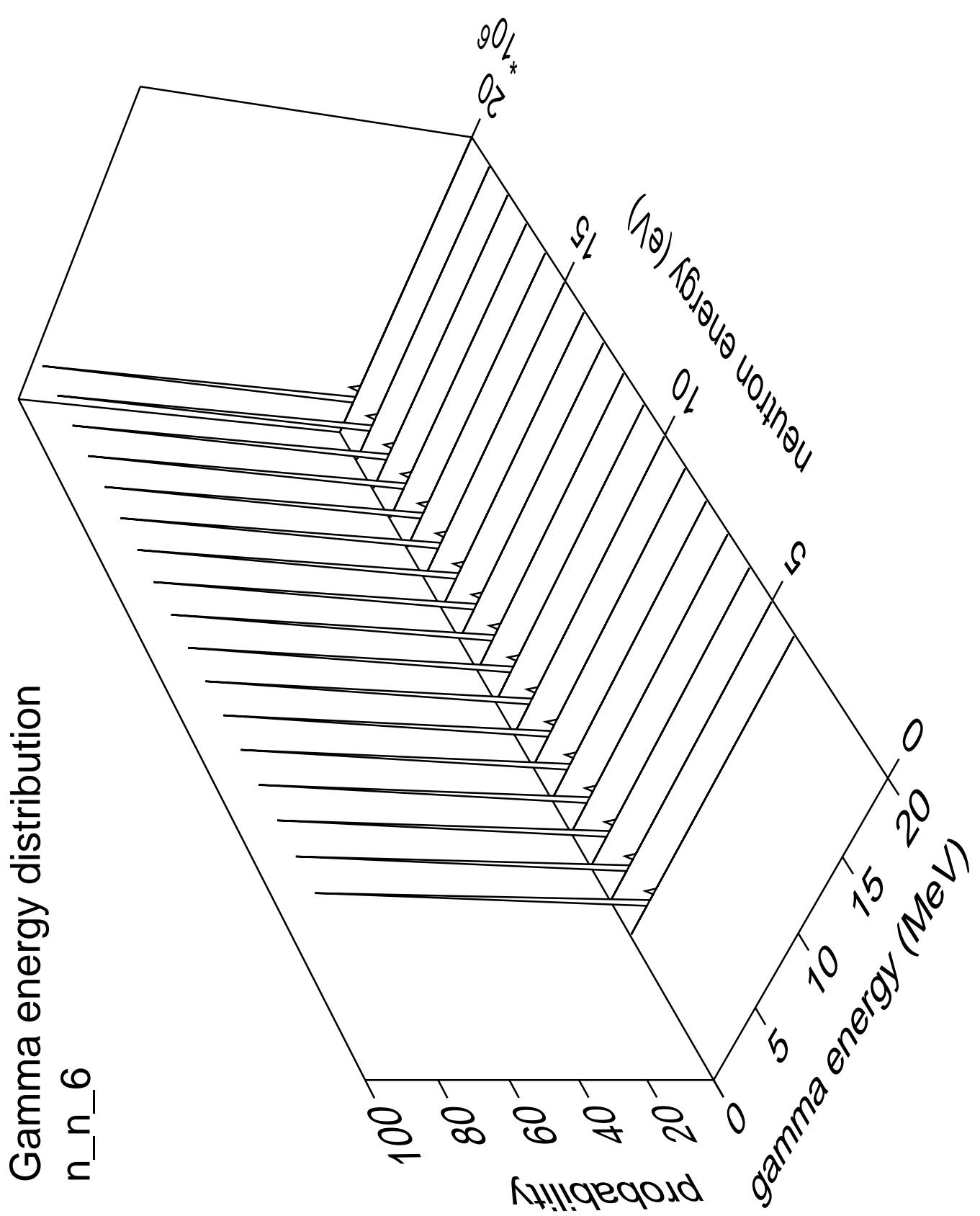
Gamma angles distribution

n\_n\_5



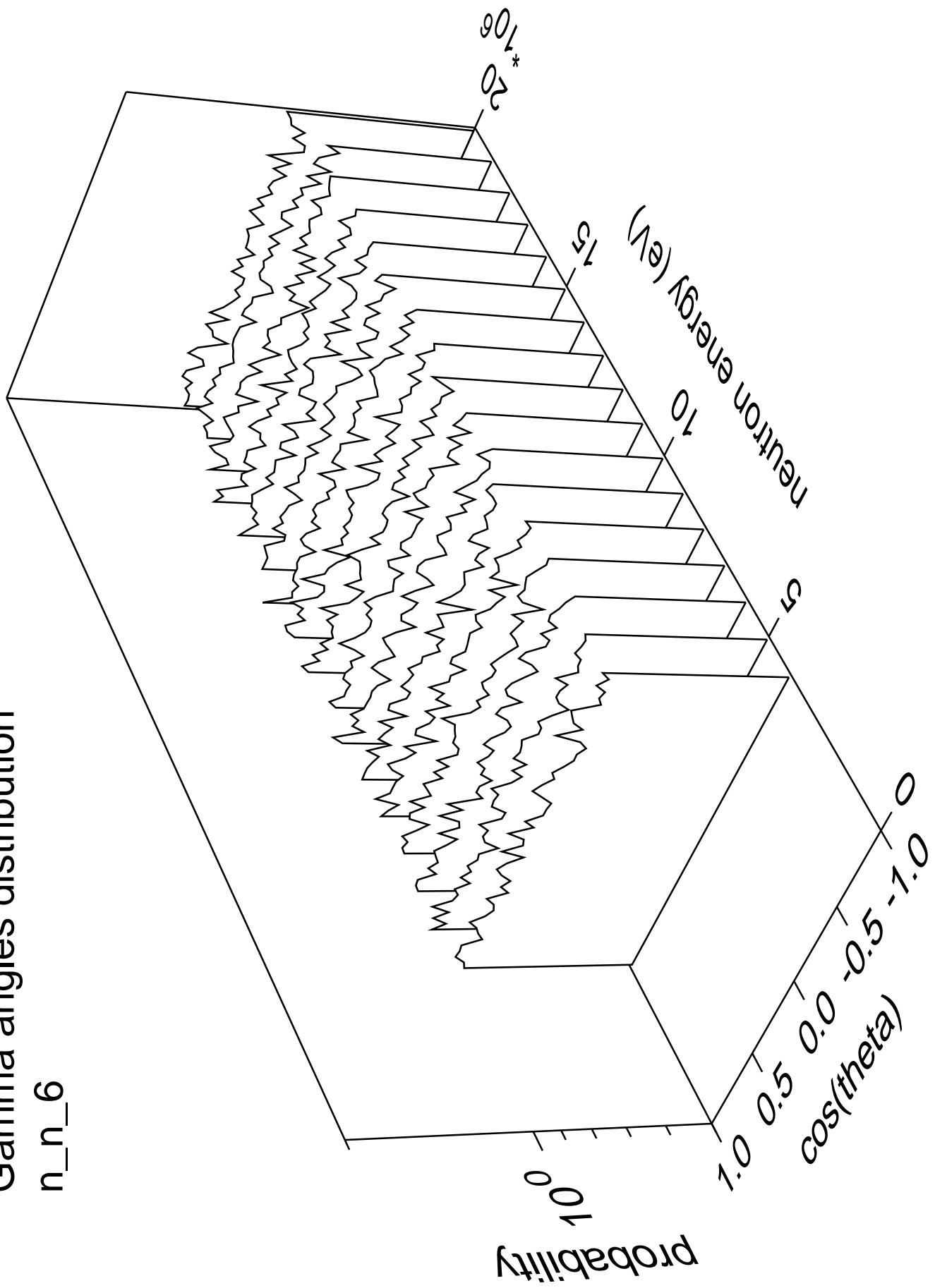
# Gamma multiplicities distribution



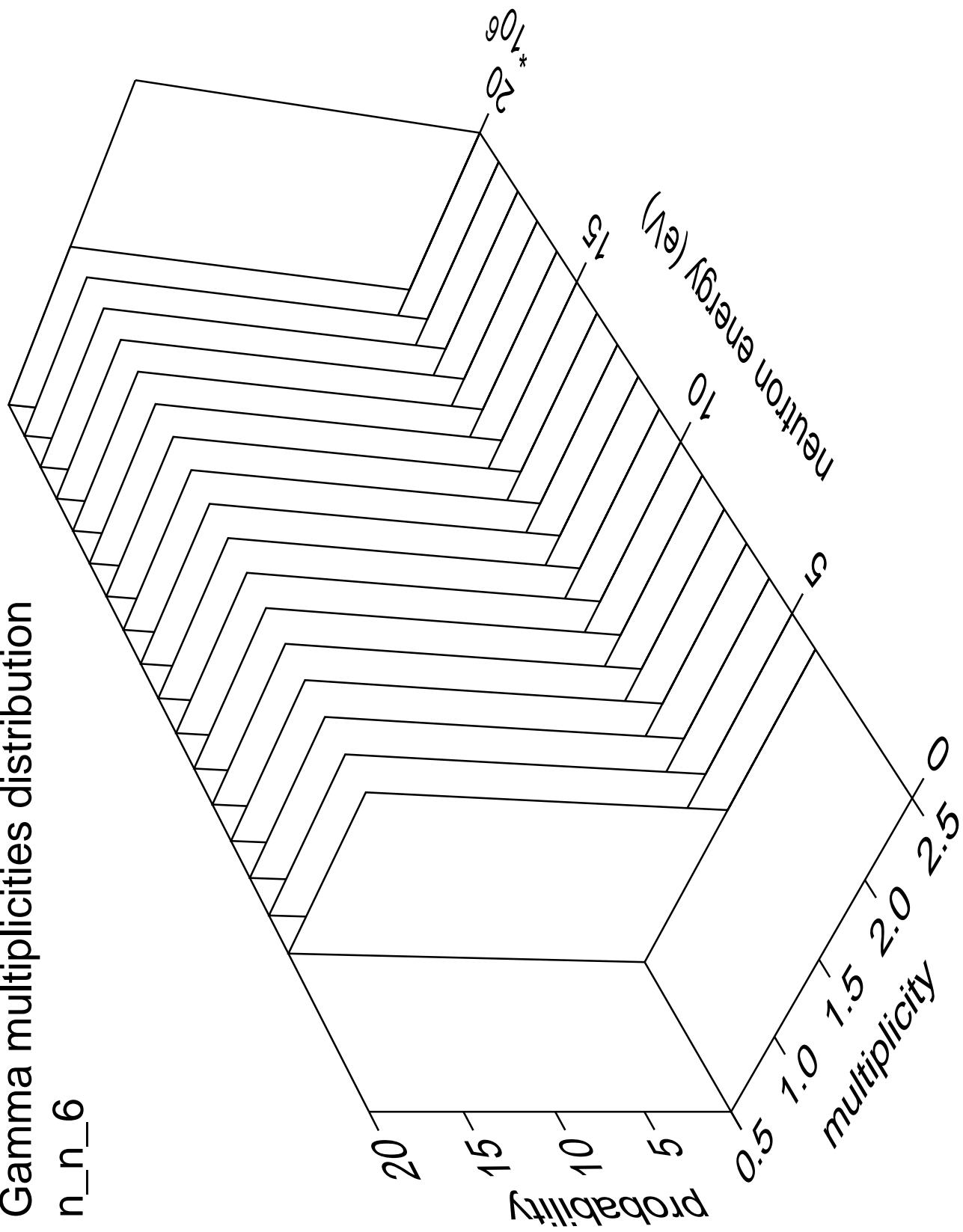


Gamma angles distribution

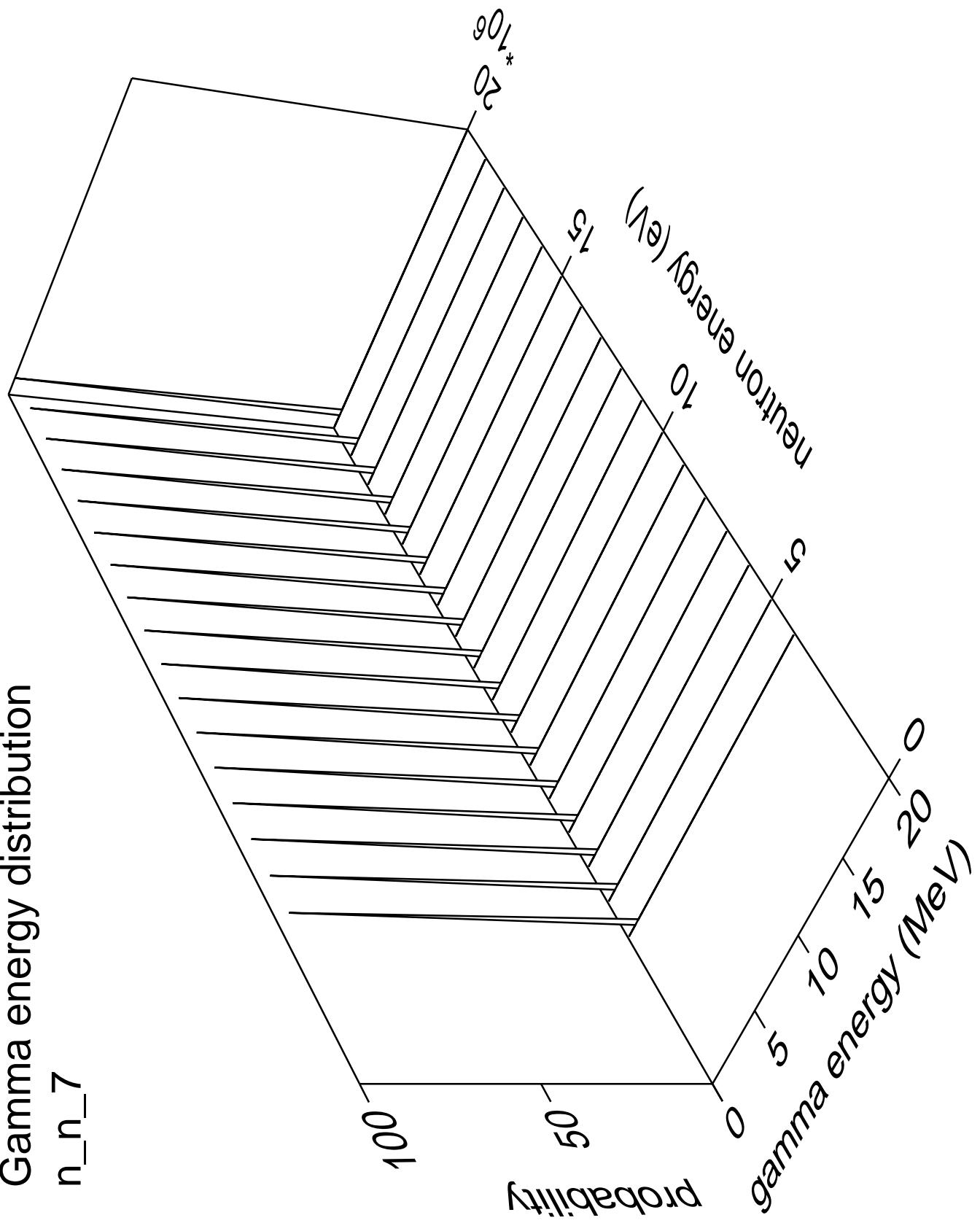
n\_n\_6



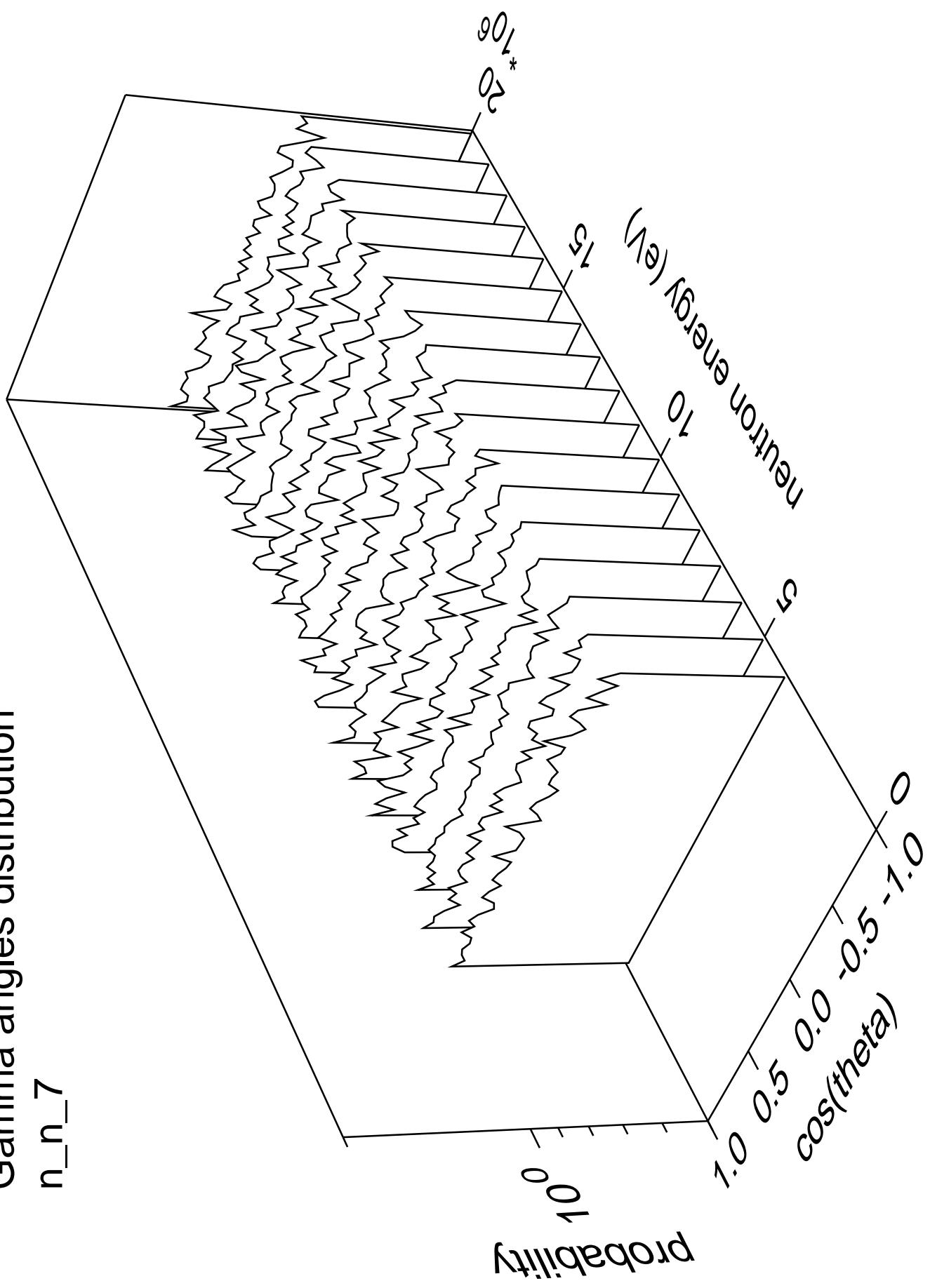
## Gamma multiplicities distribution



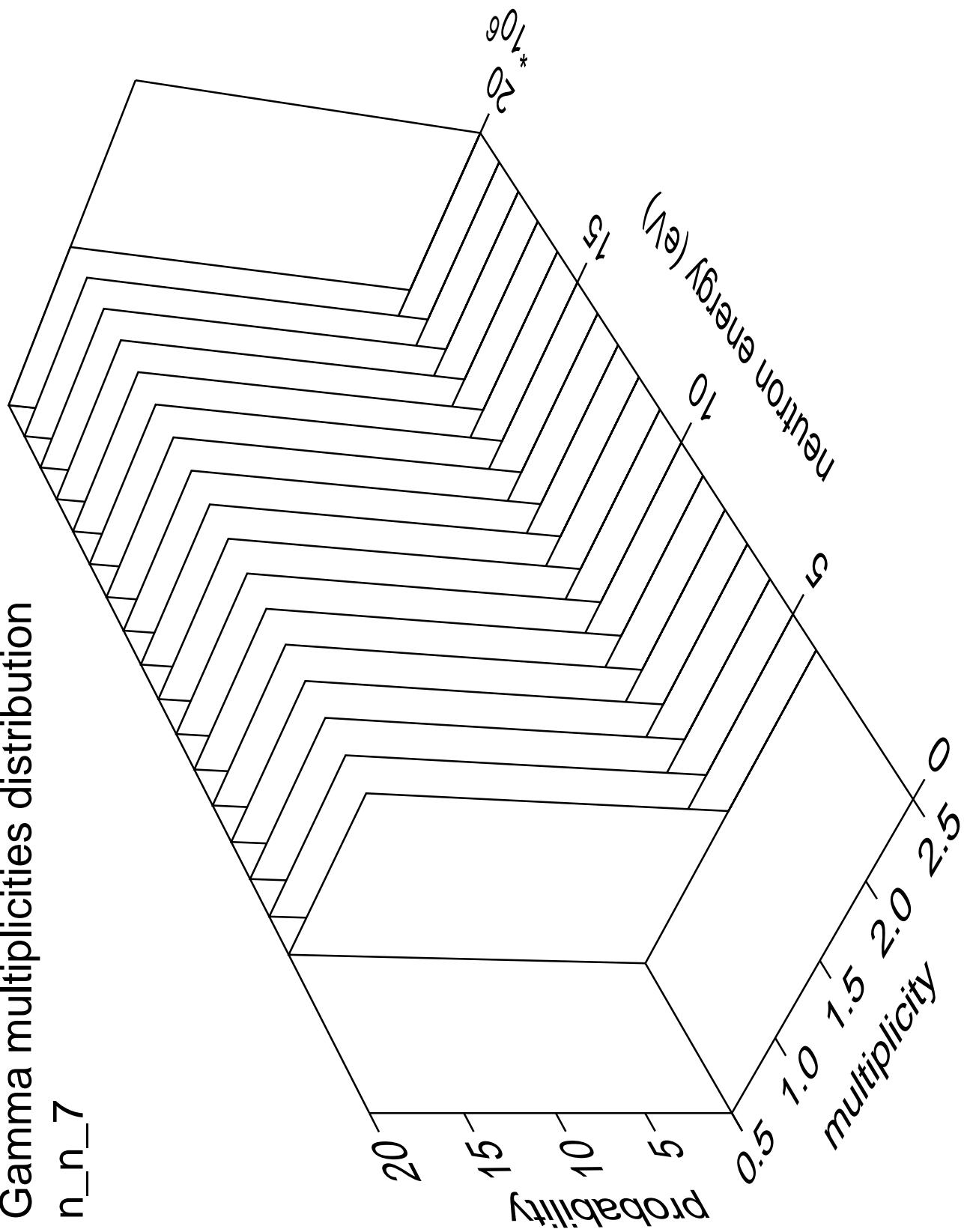
# Gamma energy distribution

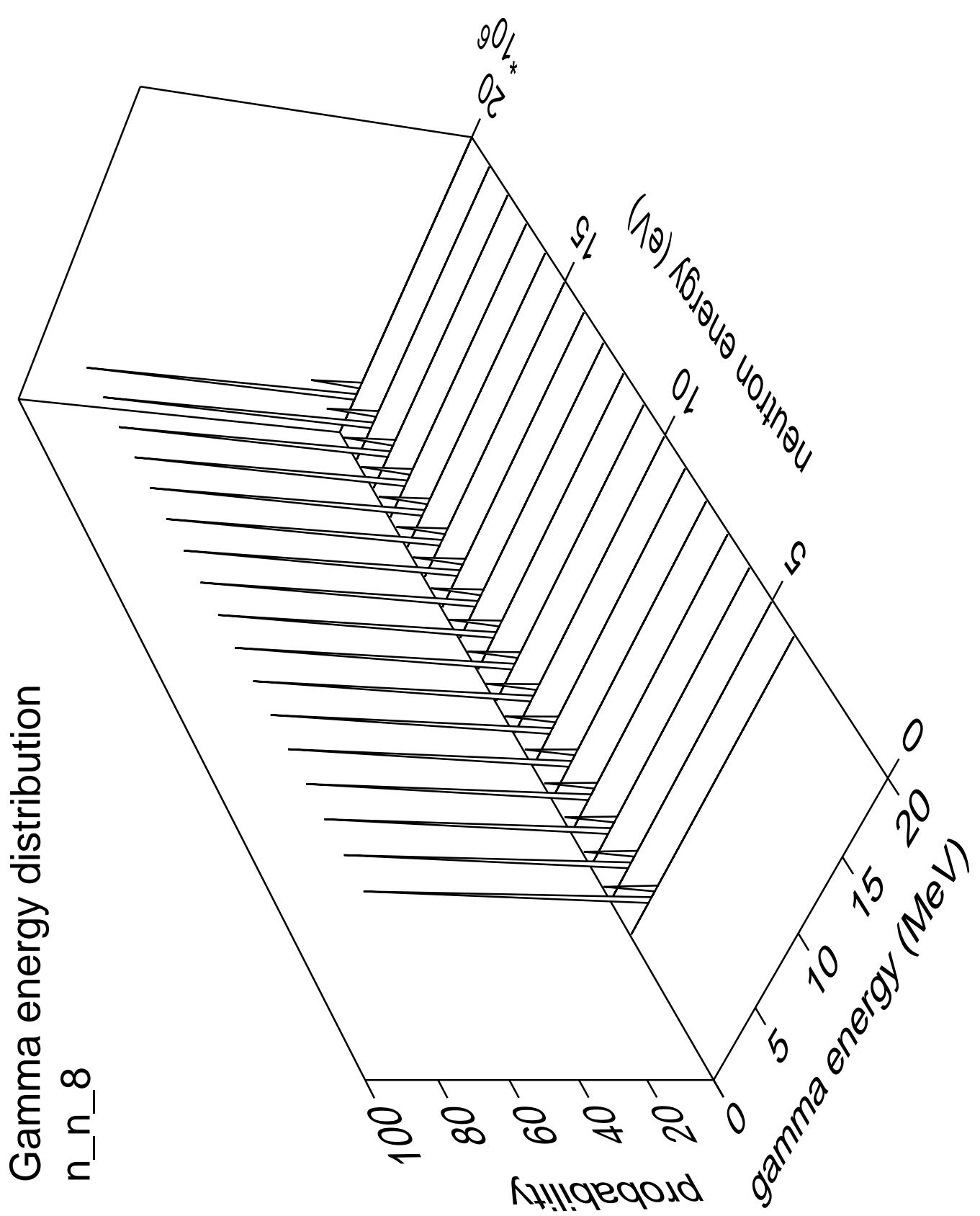


# Gamma angles distribution



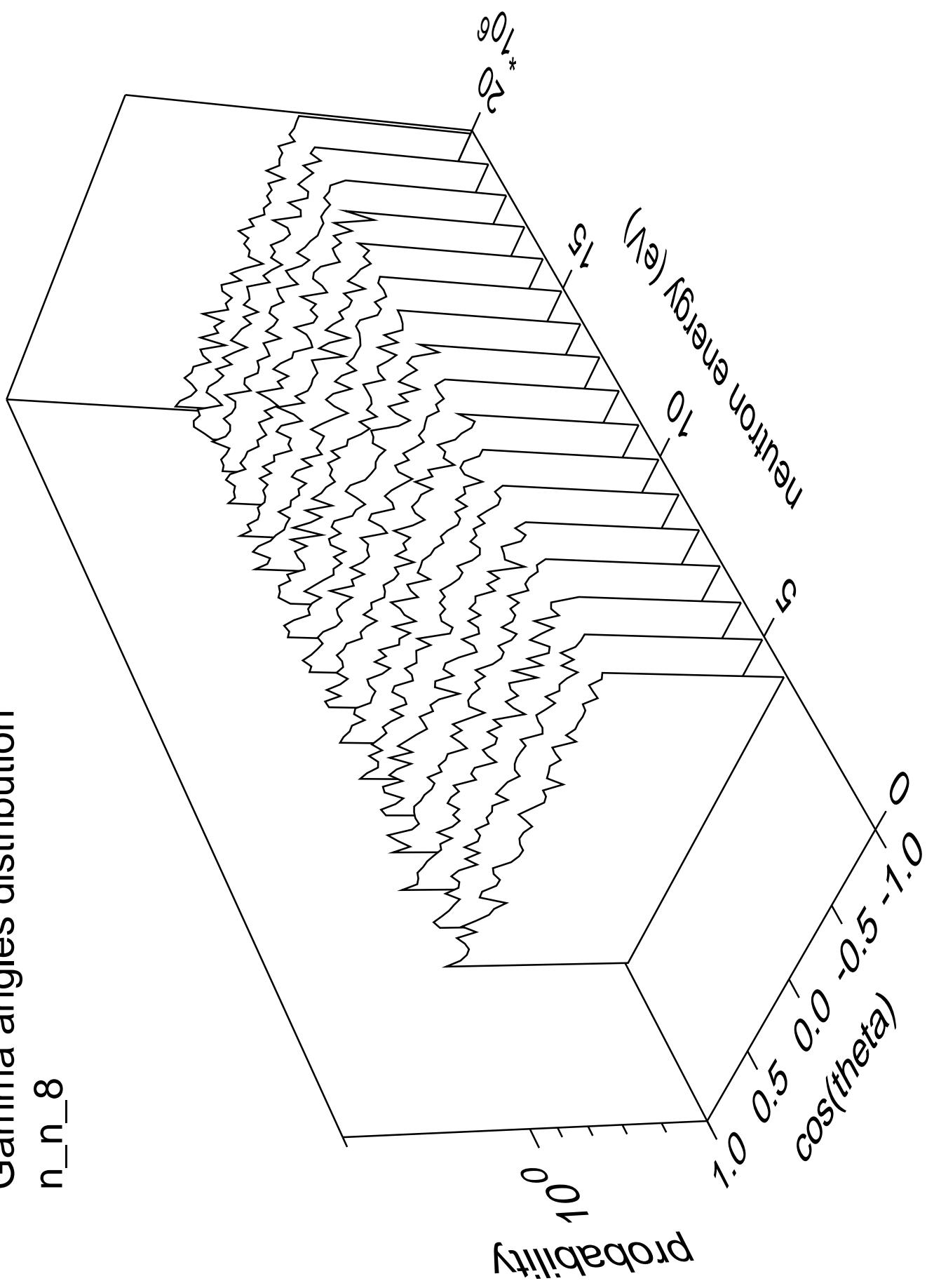
## Gamma multiplicities distribution

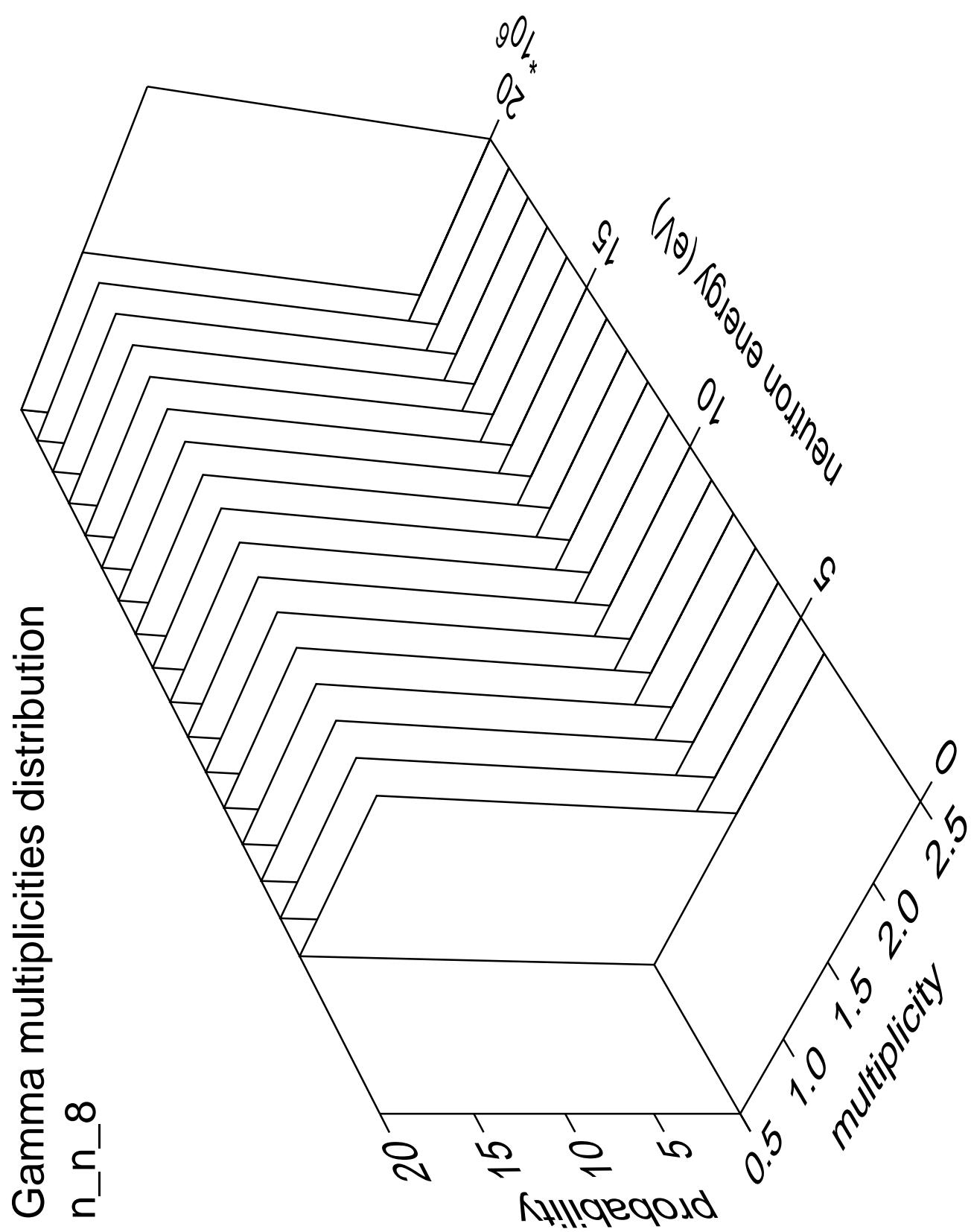


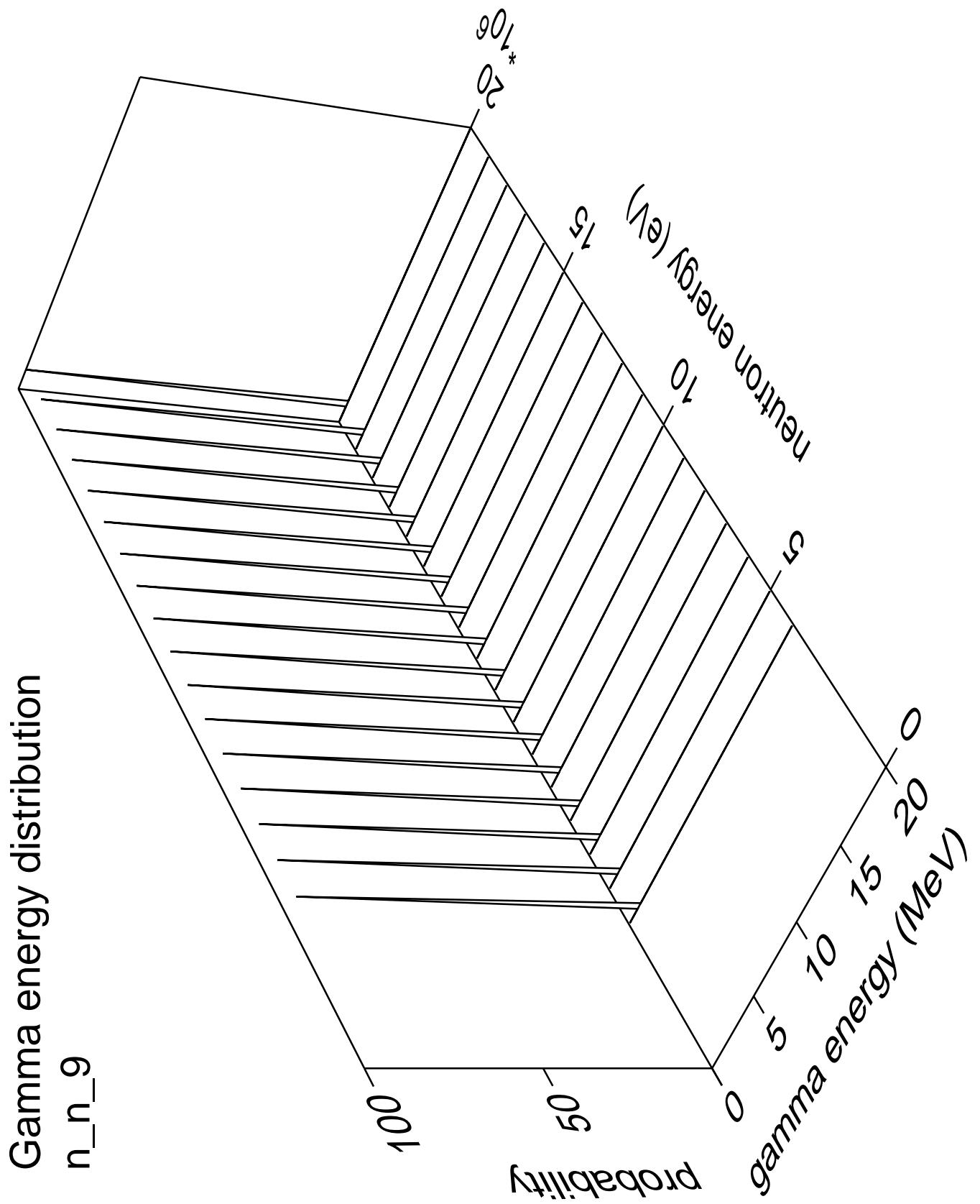


Gamma angles distribution

n\_n\_8

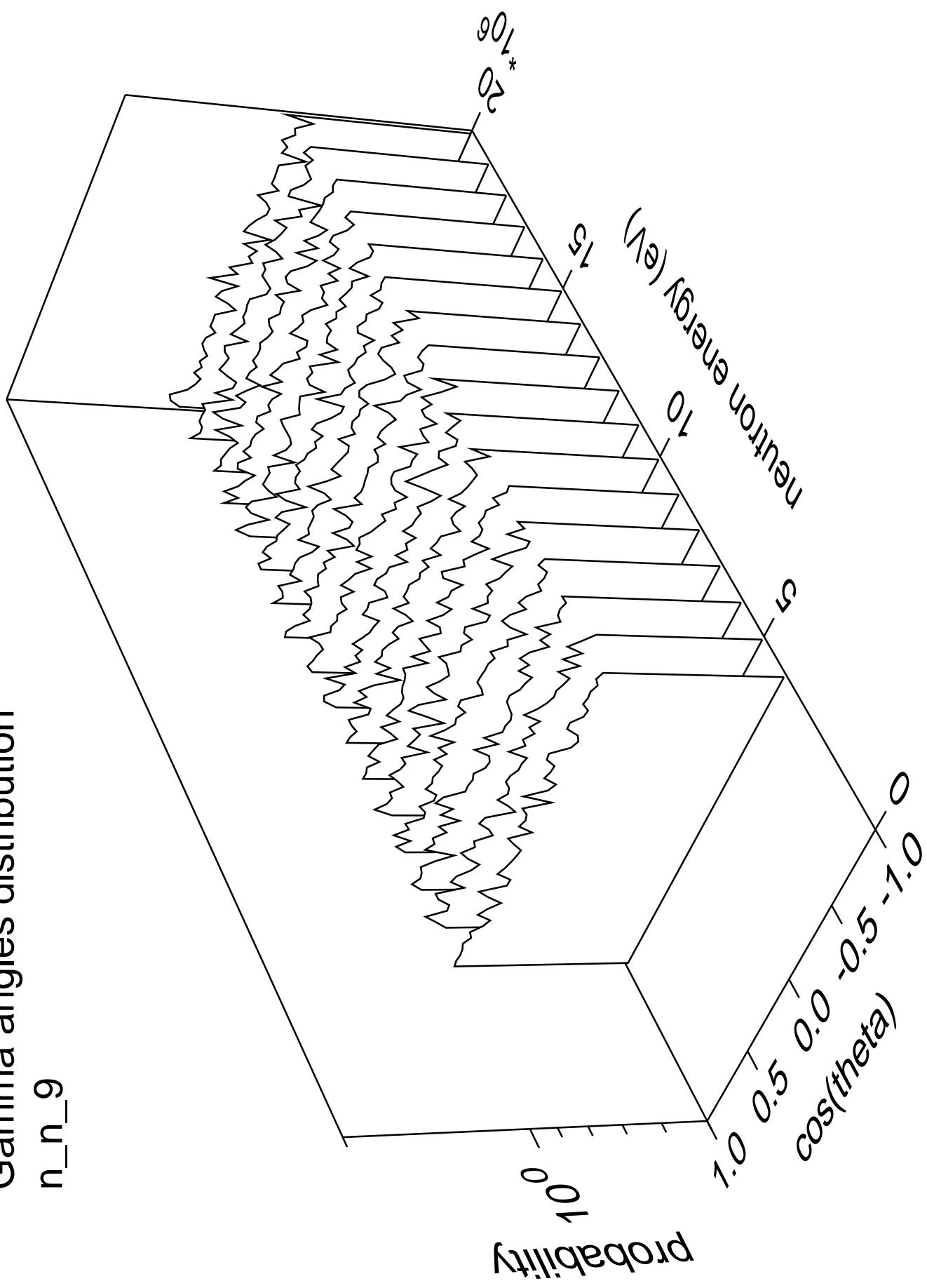




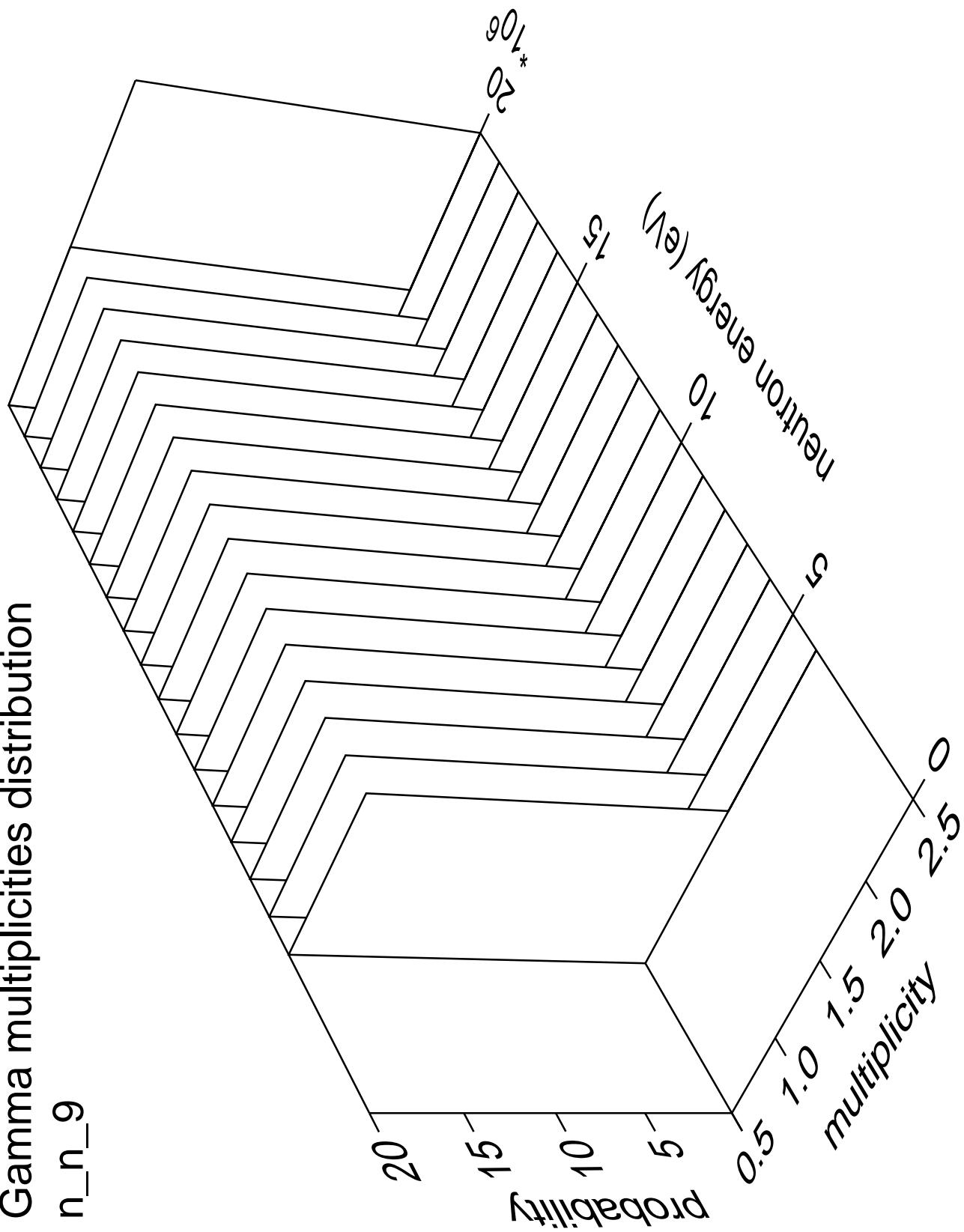


Gamma angles distribution

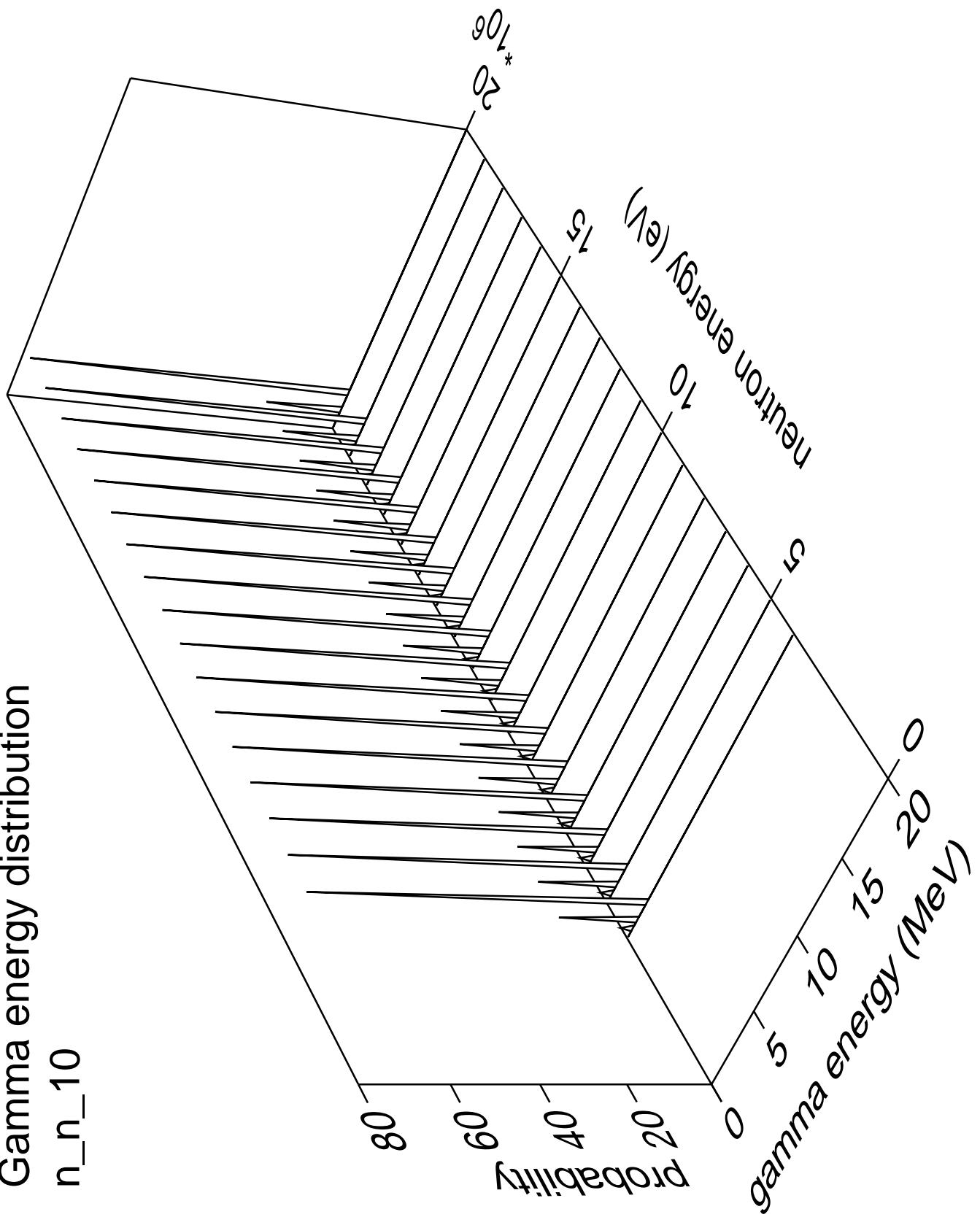
n\_n\_9



# Gamma multiplicities distribution

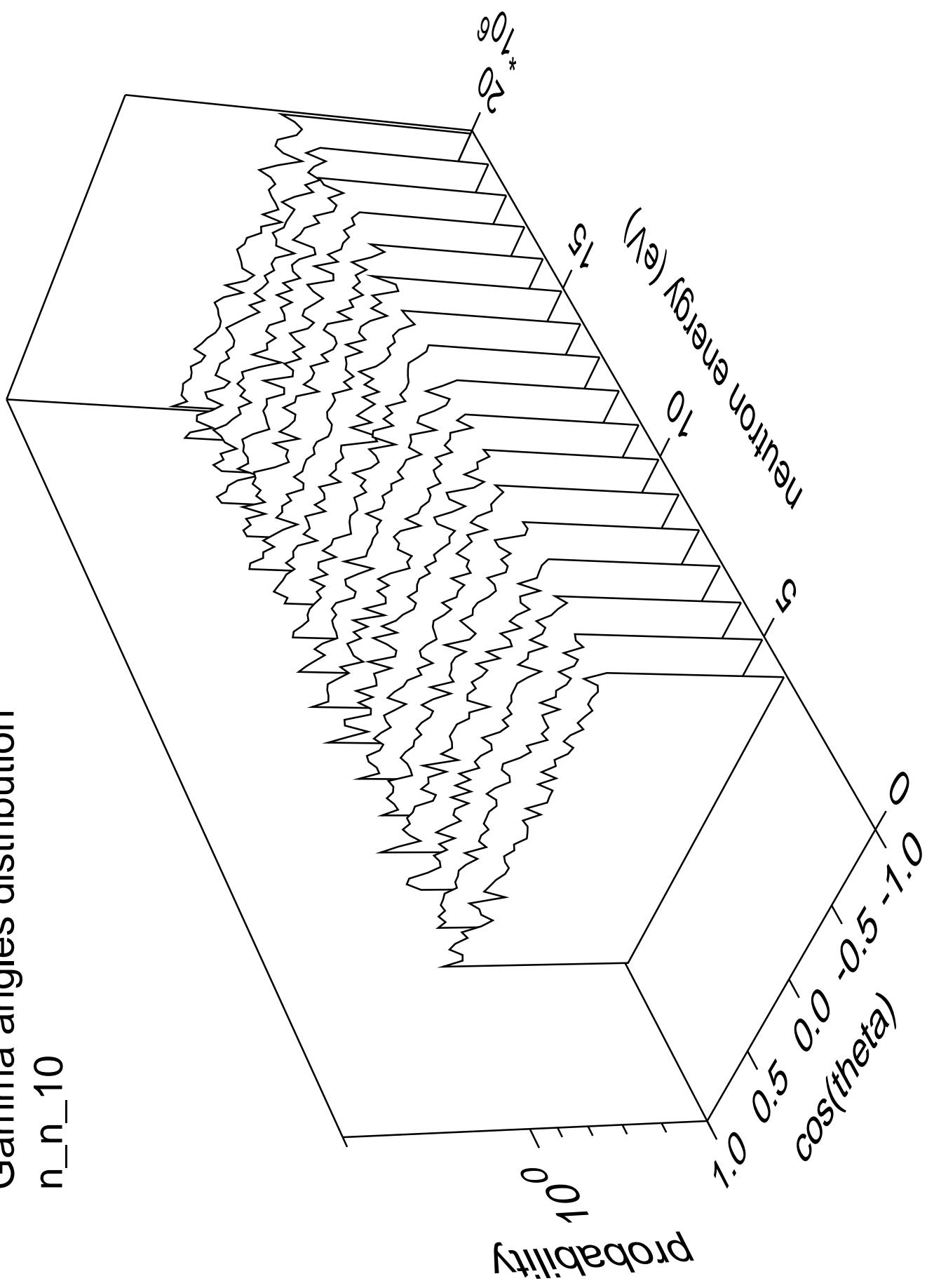


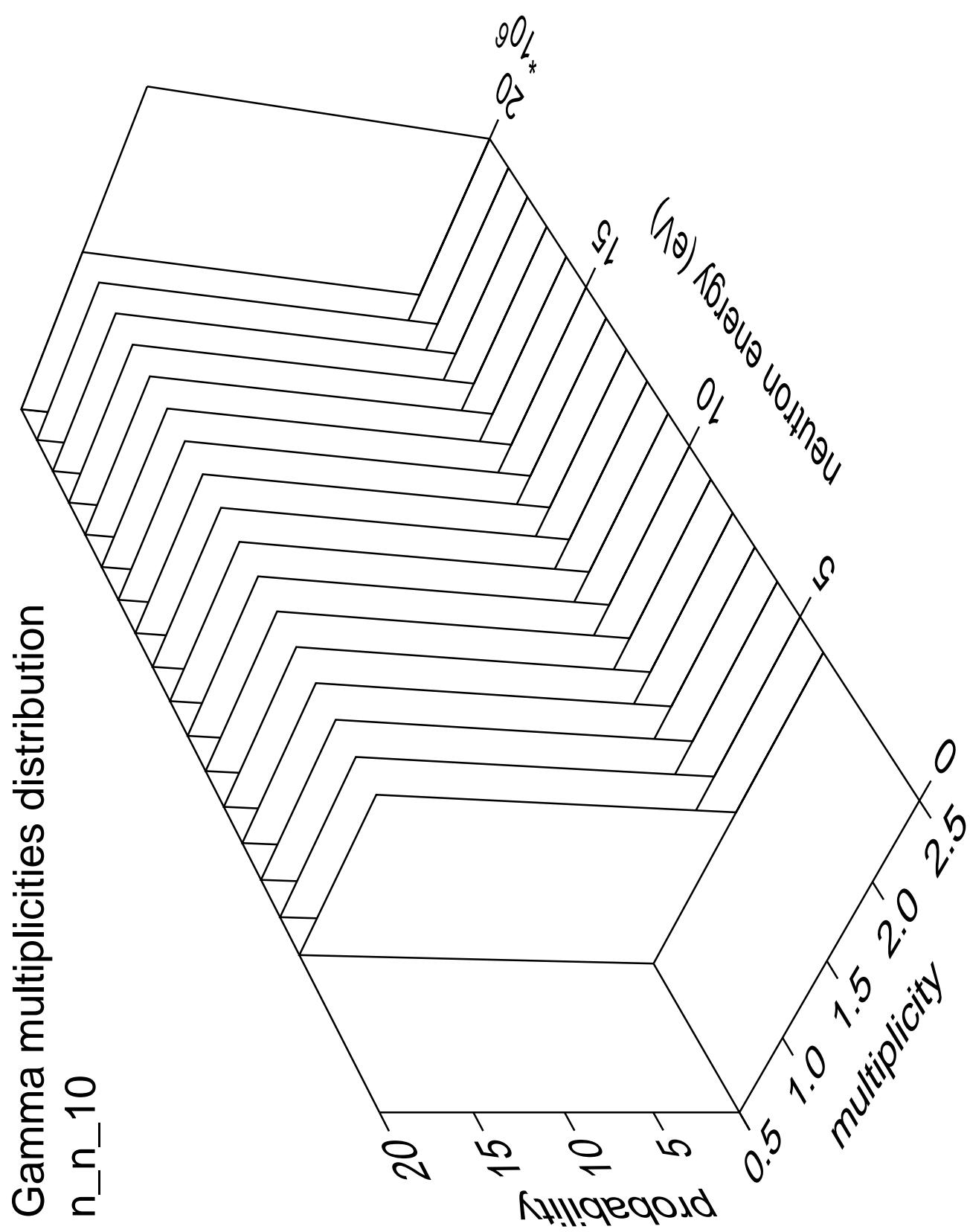
# Gamma energy distribution n\_n\_10



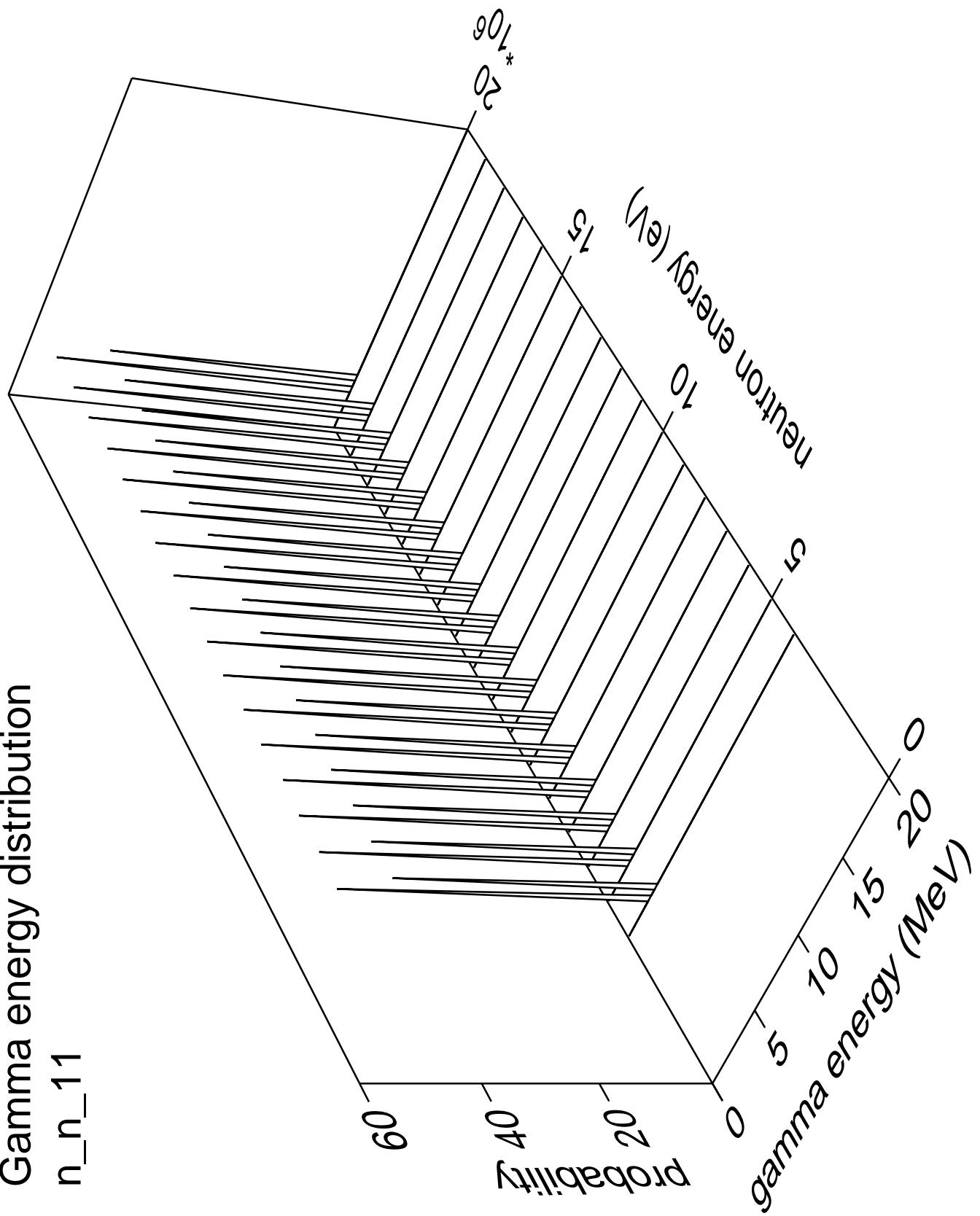
Gamma angles distribution

n\_n\_10



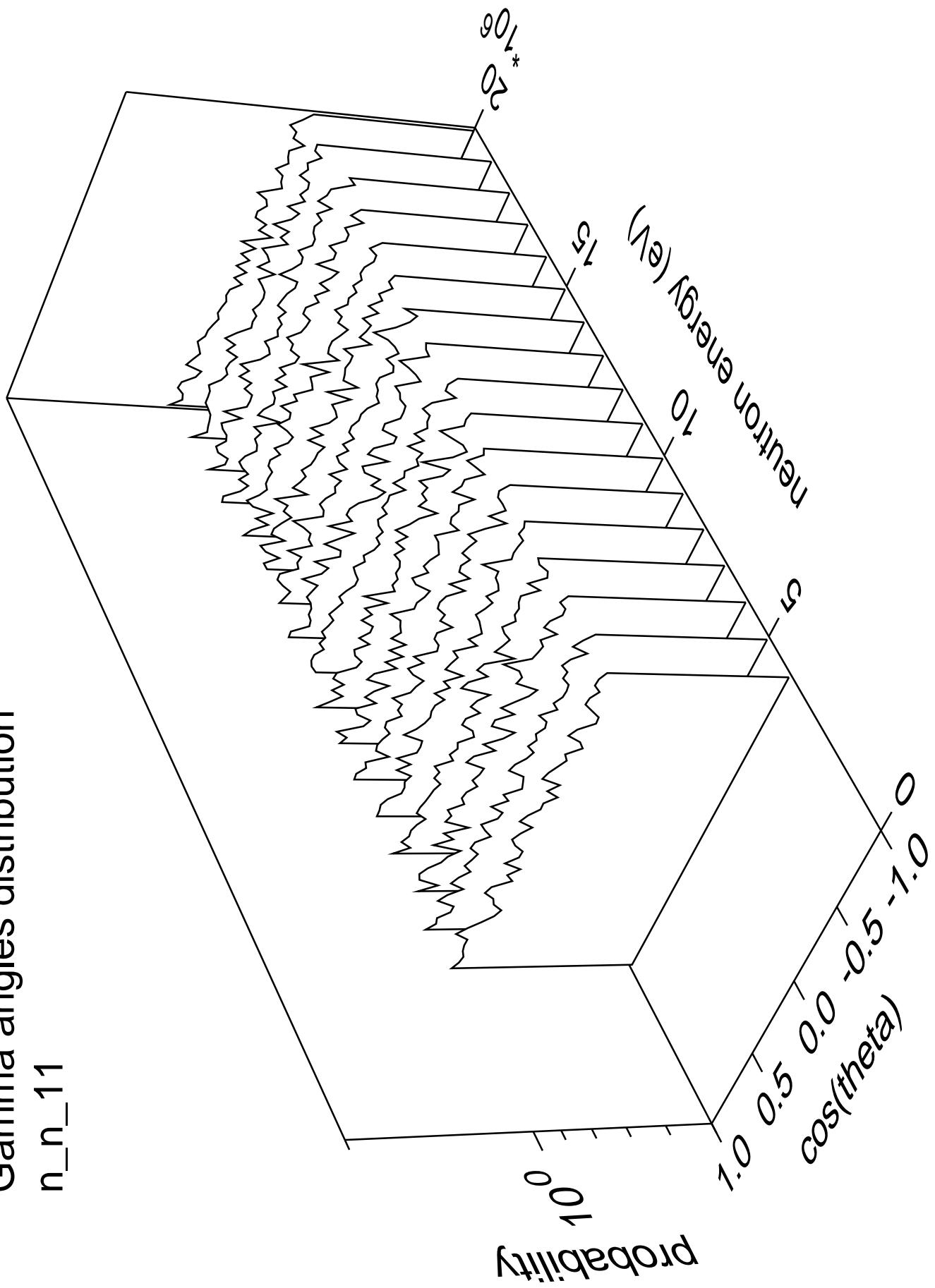


# Gamma energy distribution

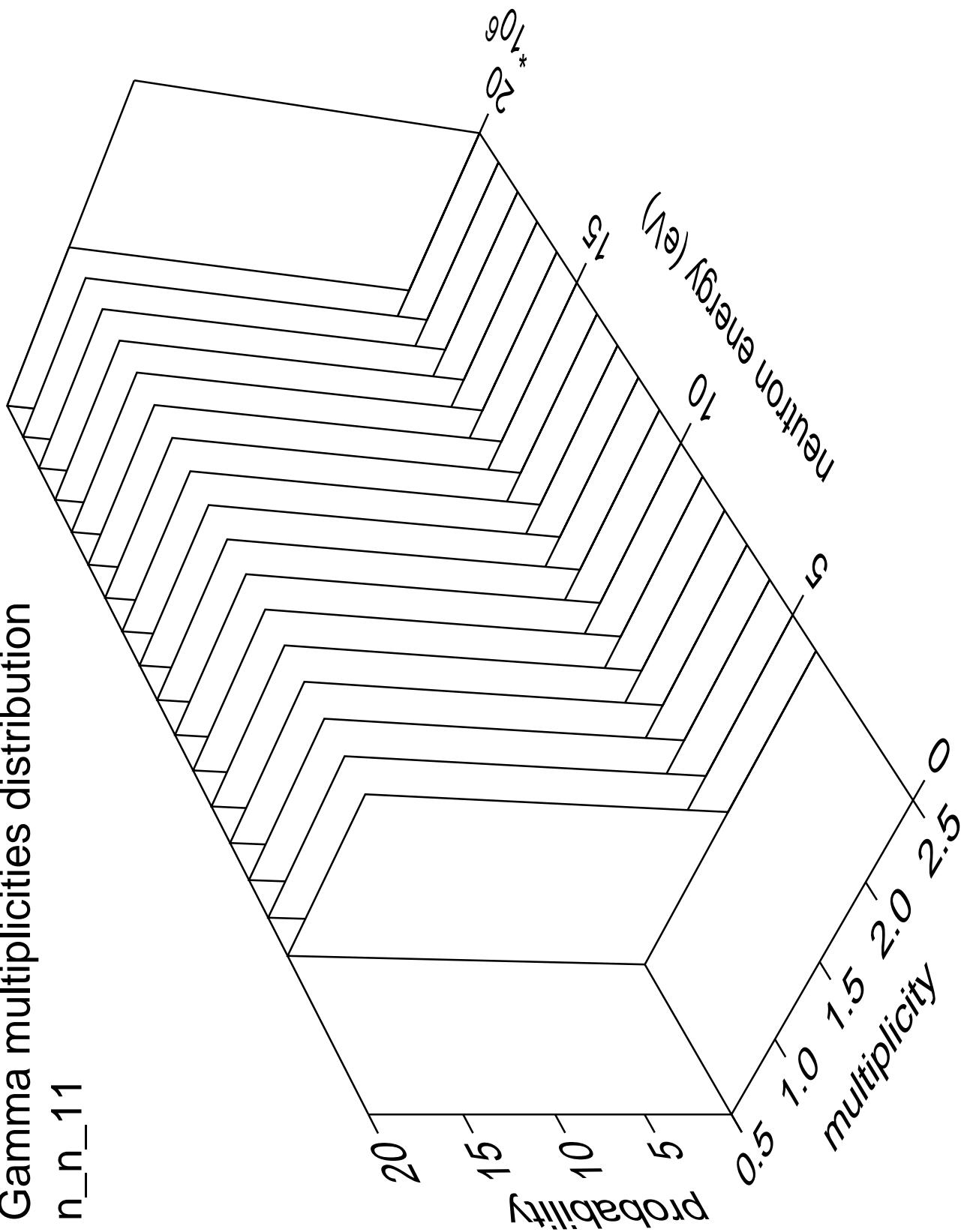


Gamma angles distribution

n\_n\_11

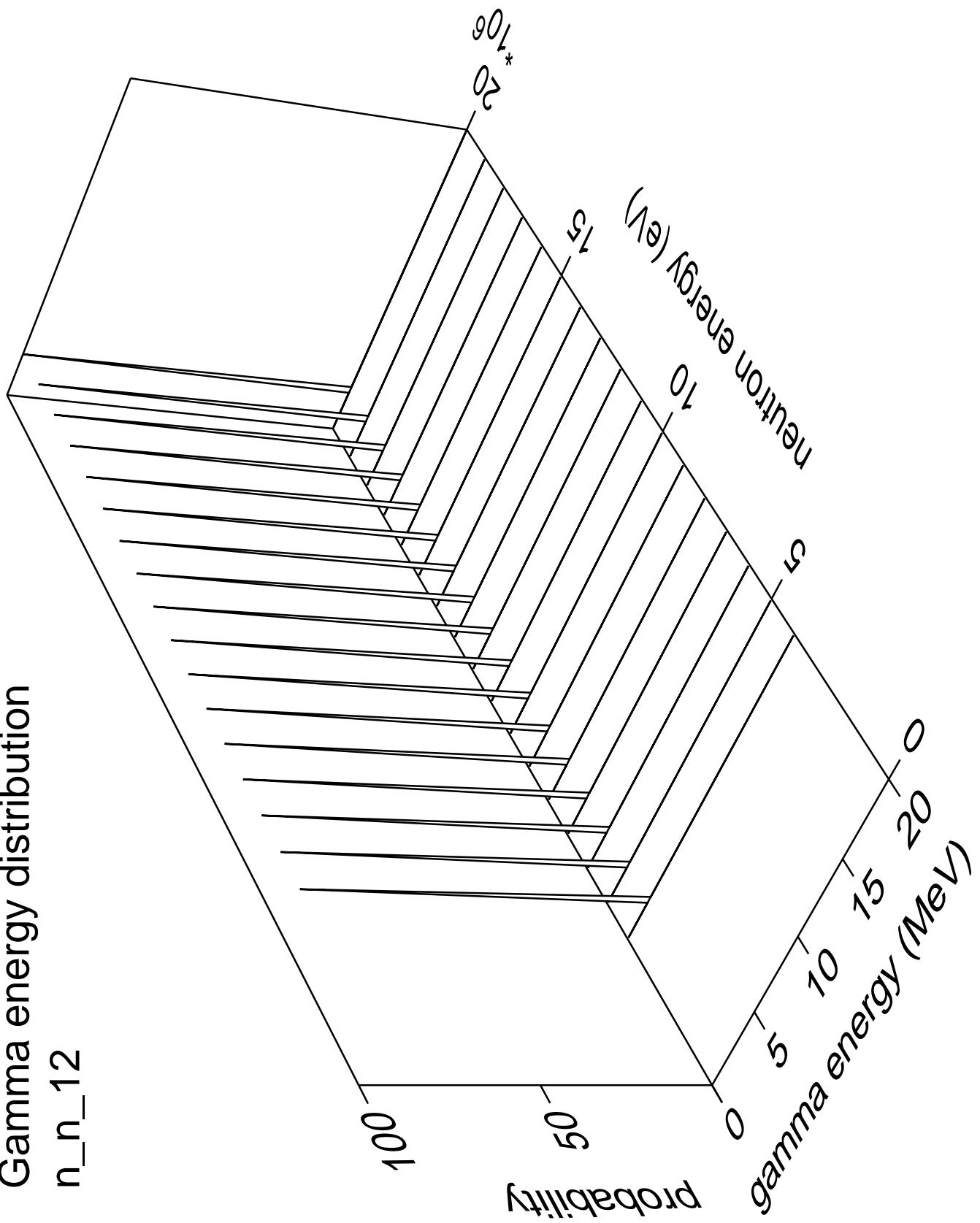


## Gamma multiplicities distribution



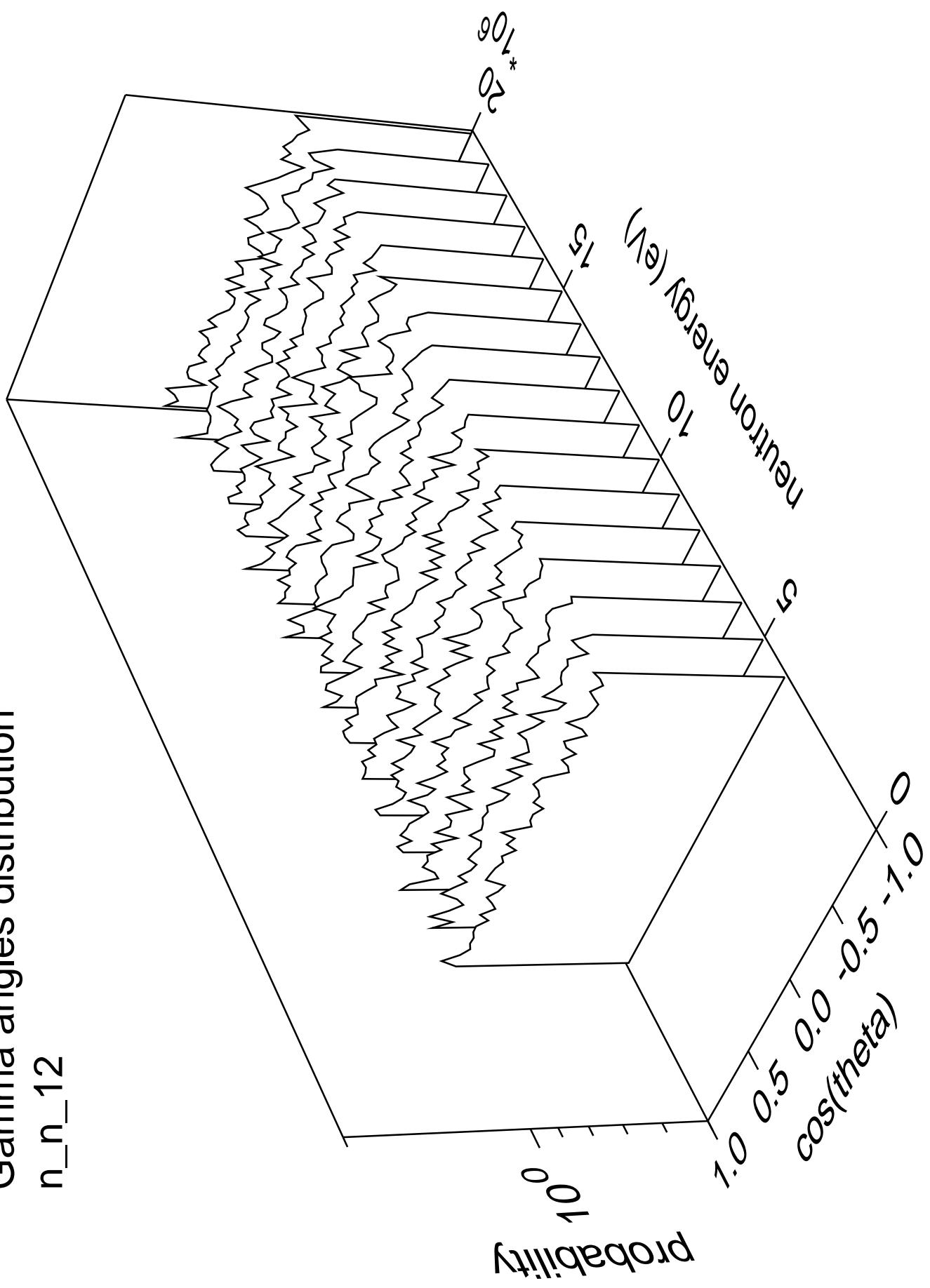
Gamma energy distribution

n\_n\_12

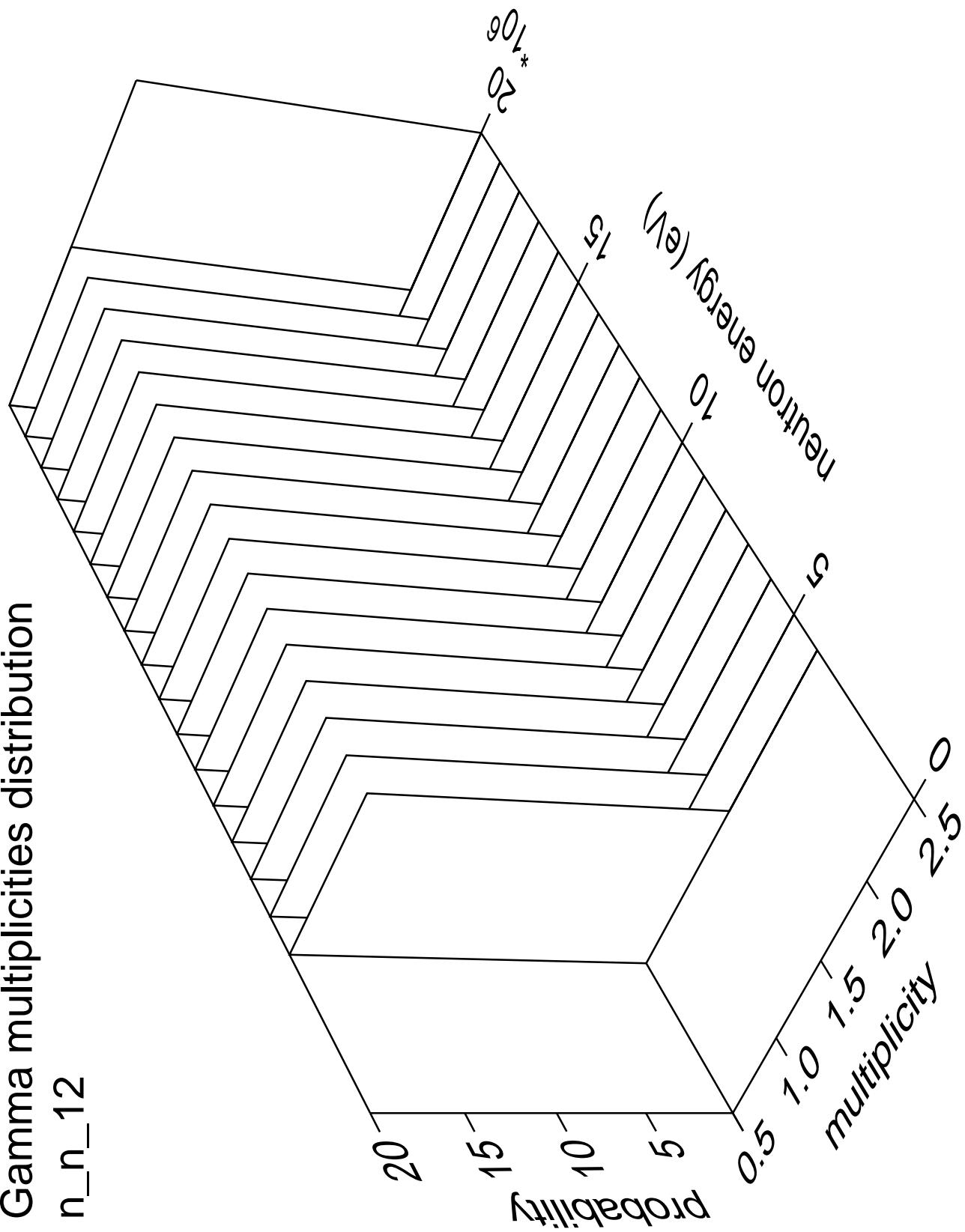


Gamma angles distribution

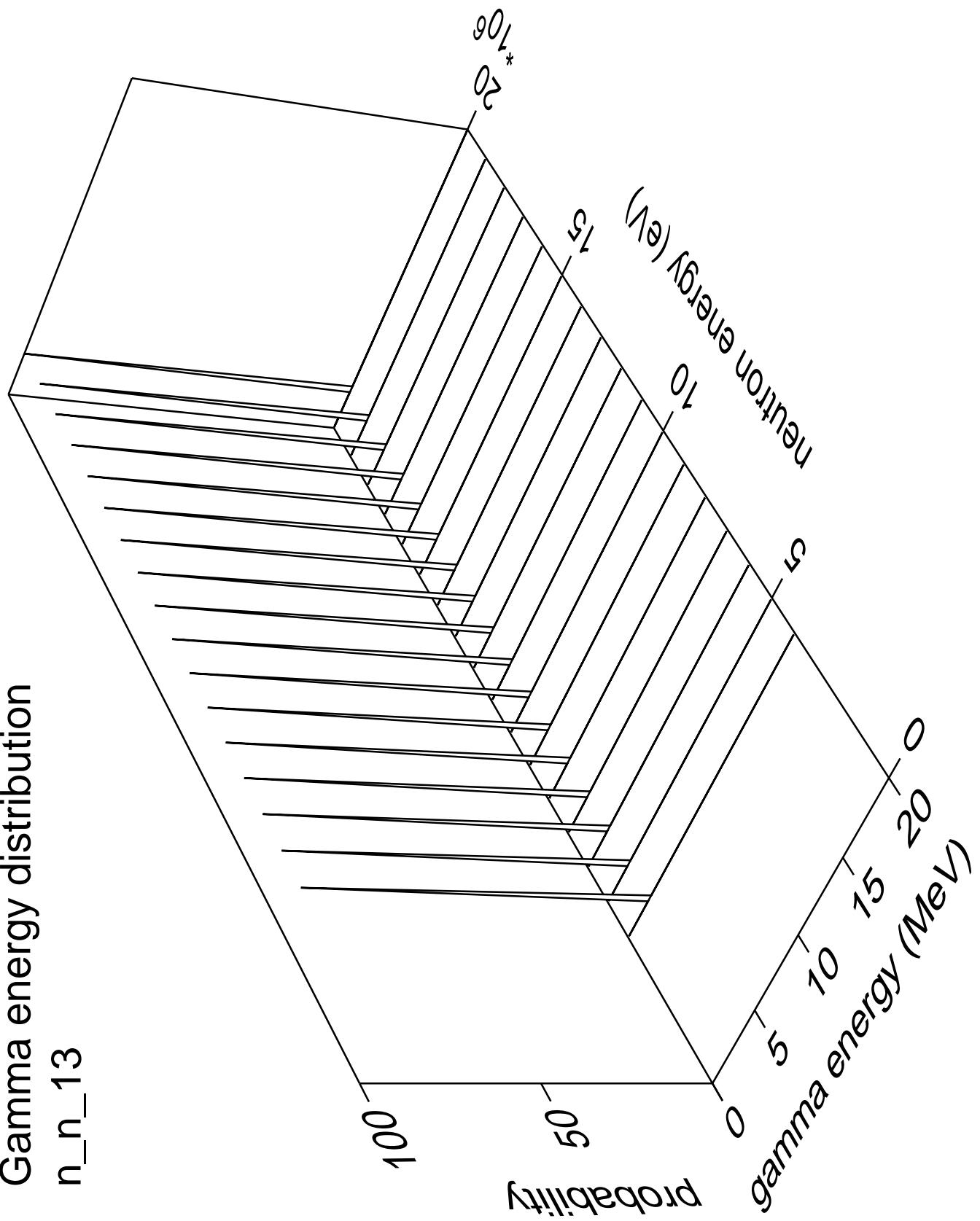
n\_n\_12



## Gamma multiplicities distribution

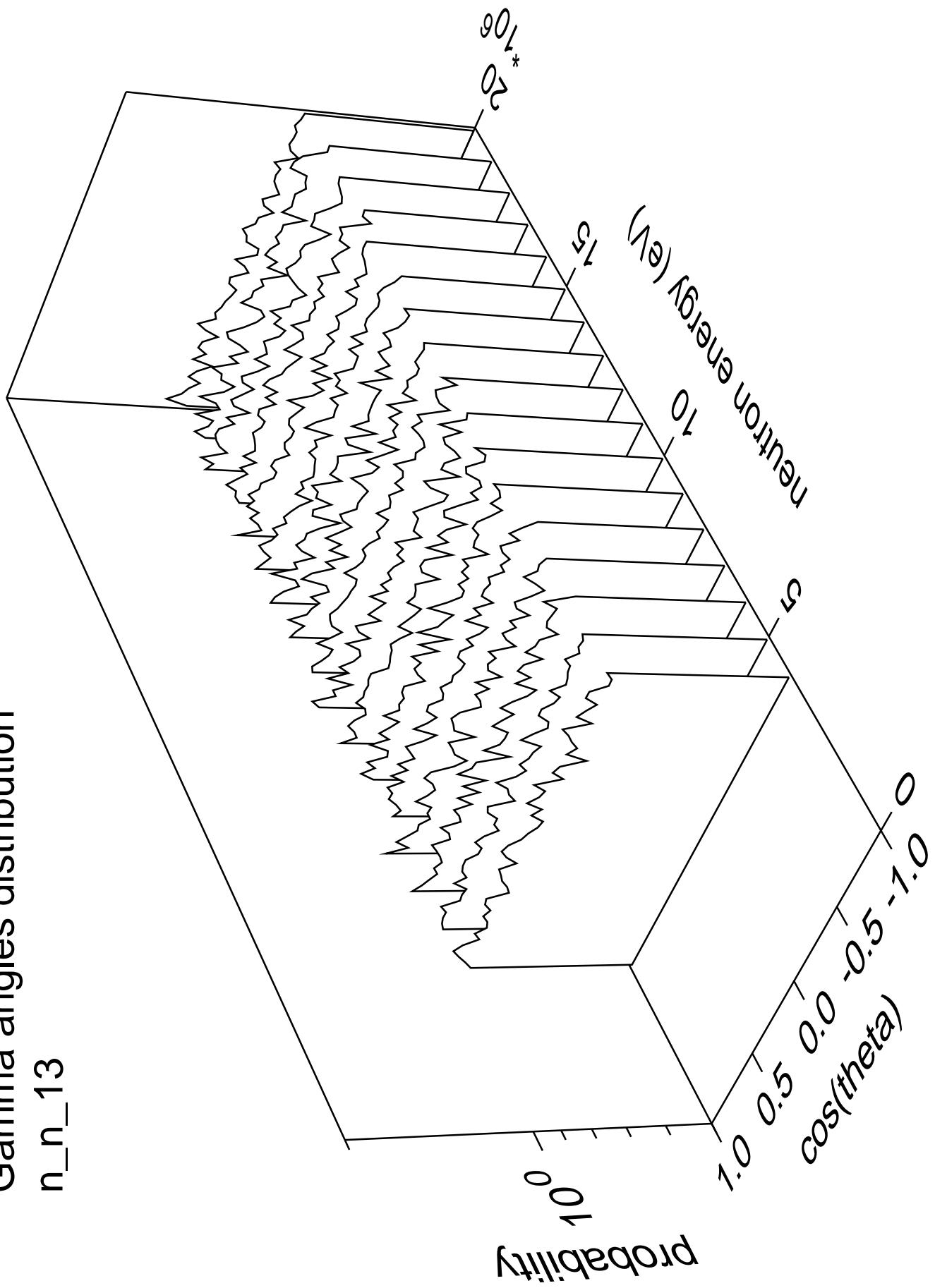


# Gamma energy distribution n\_n\_13

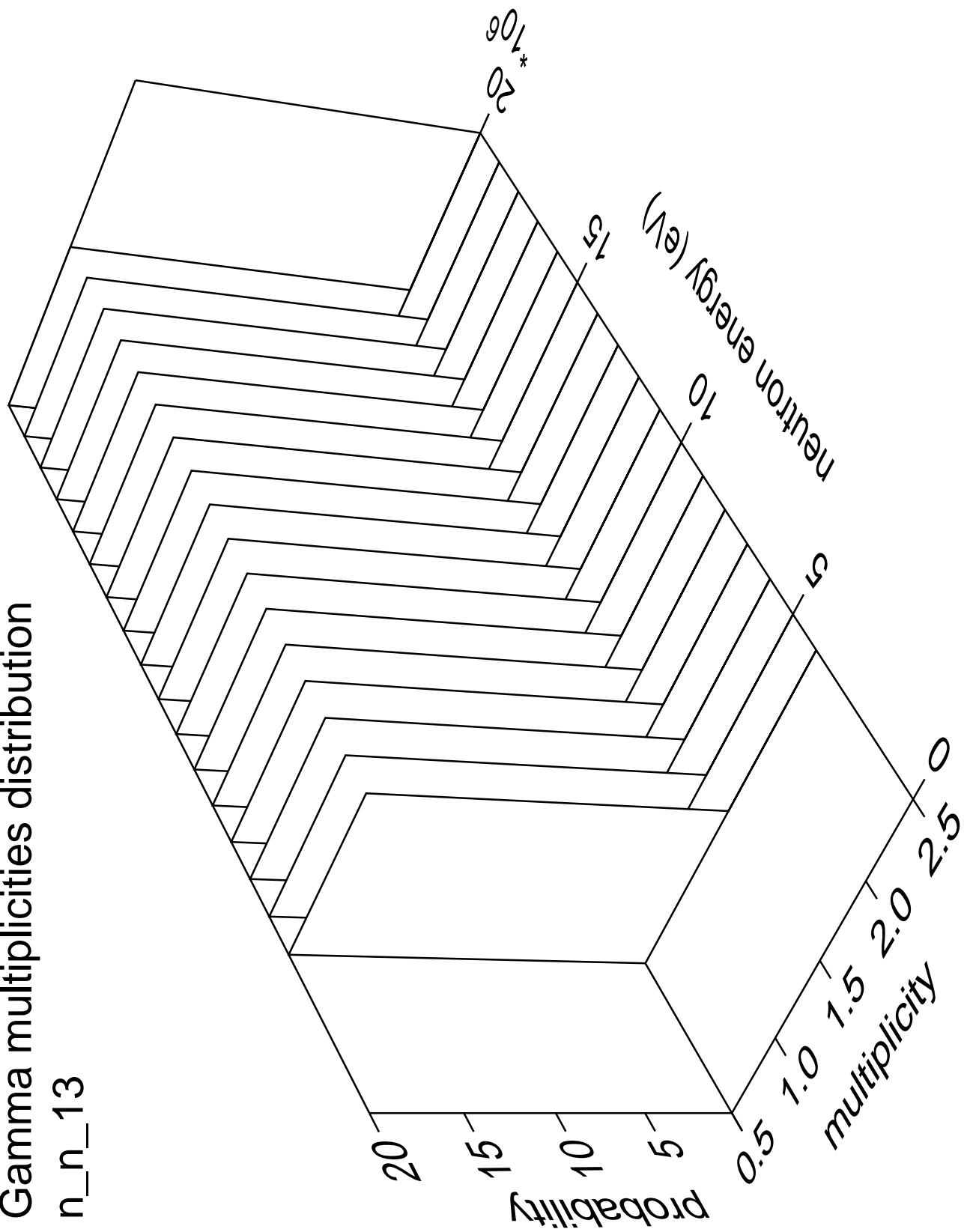


# Gamma angles distribution

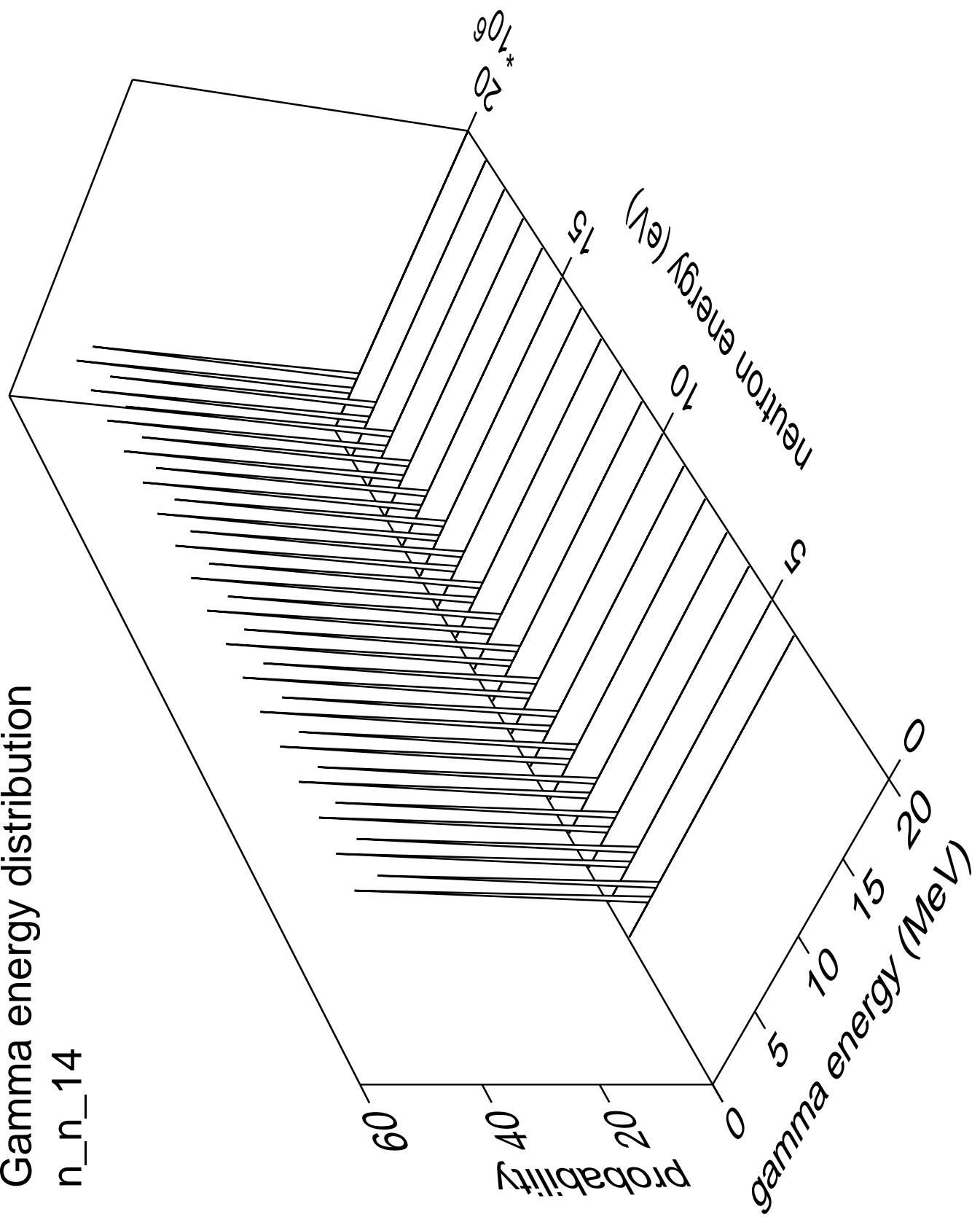
$n_{n\_13}$



# Gamma multiplicities distribution n\_n\_13

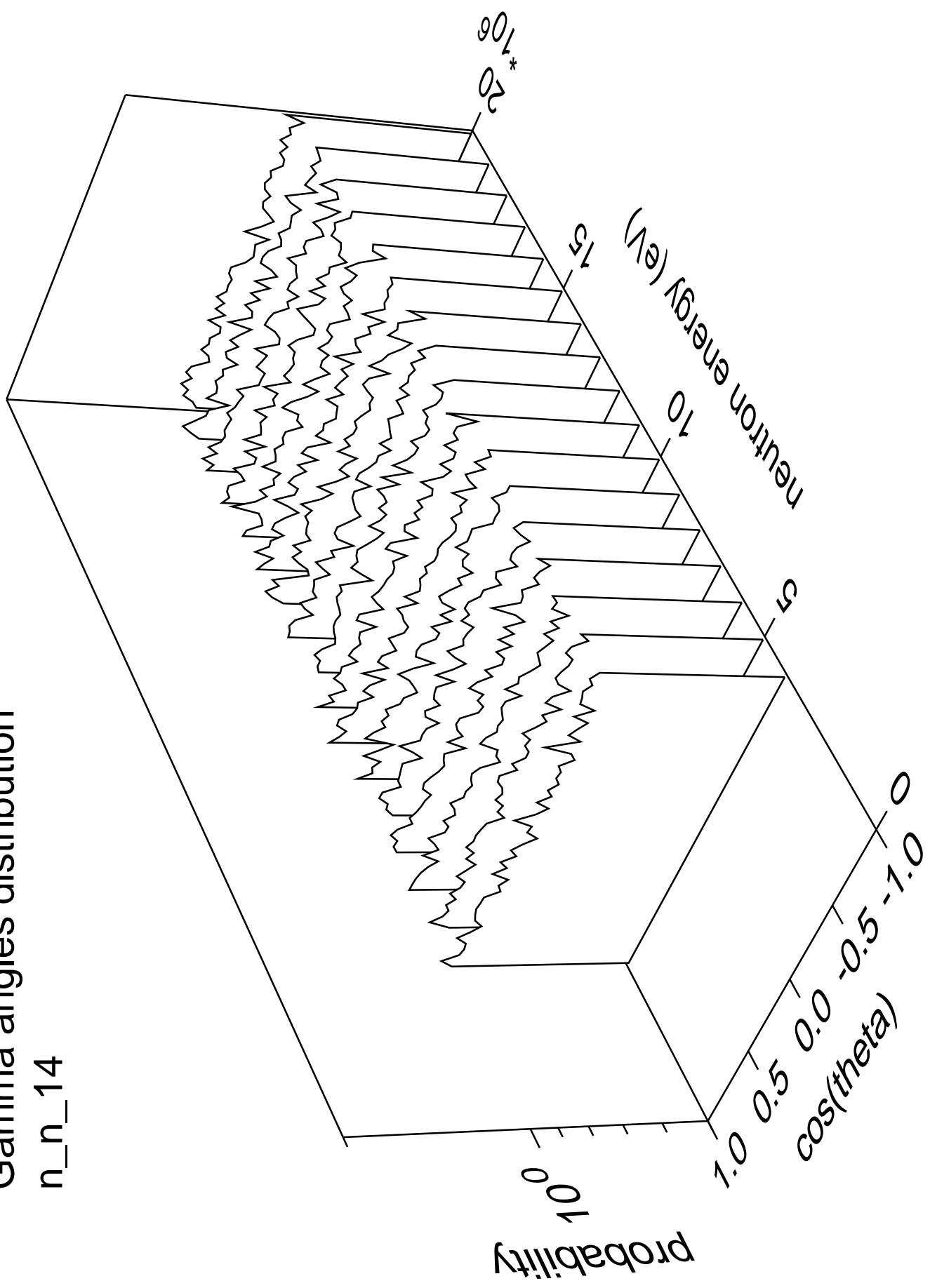


# Gamma energy distribution

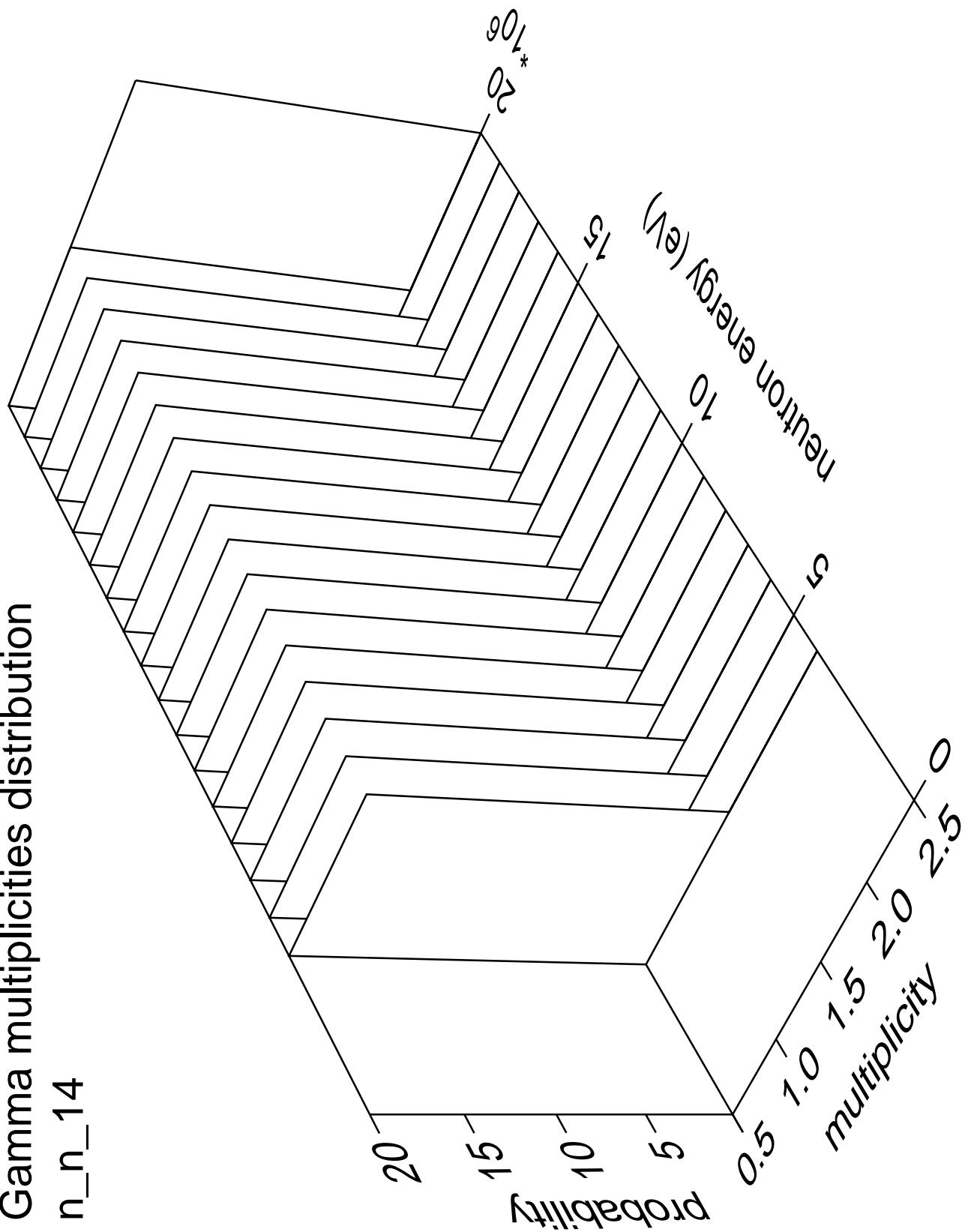


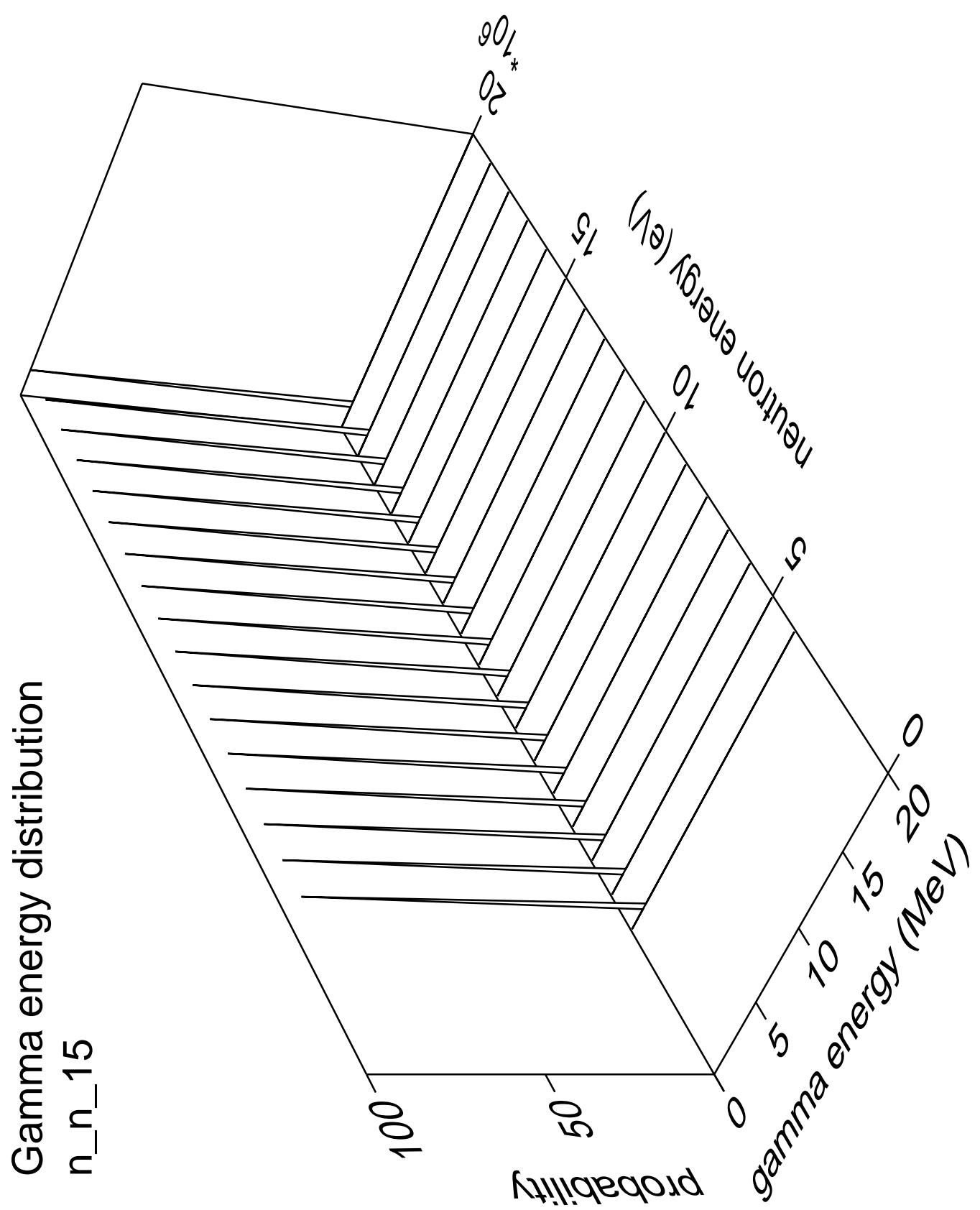
Gamma angles distribution

n\_n\_14

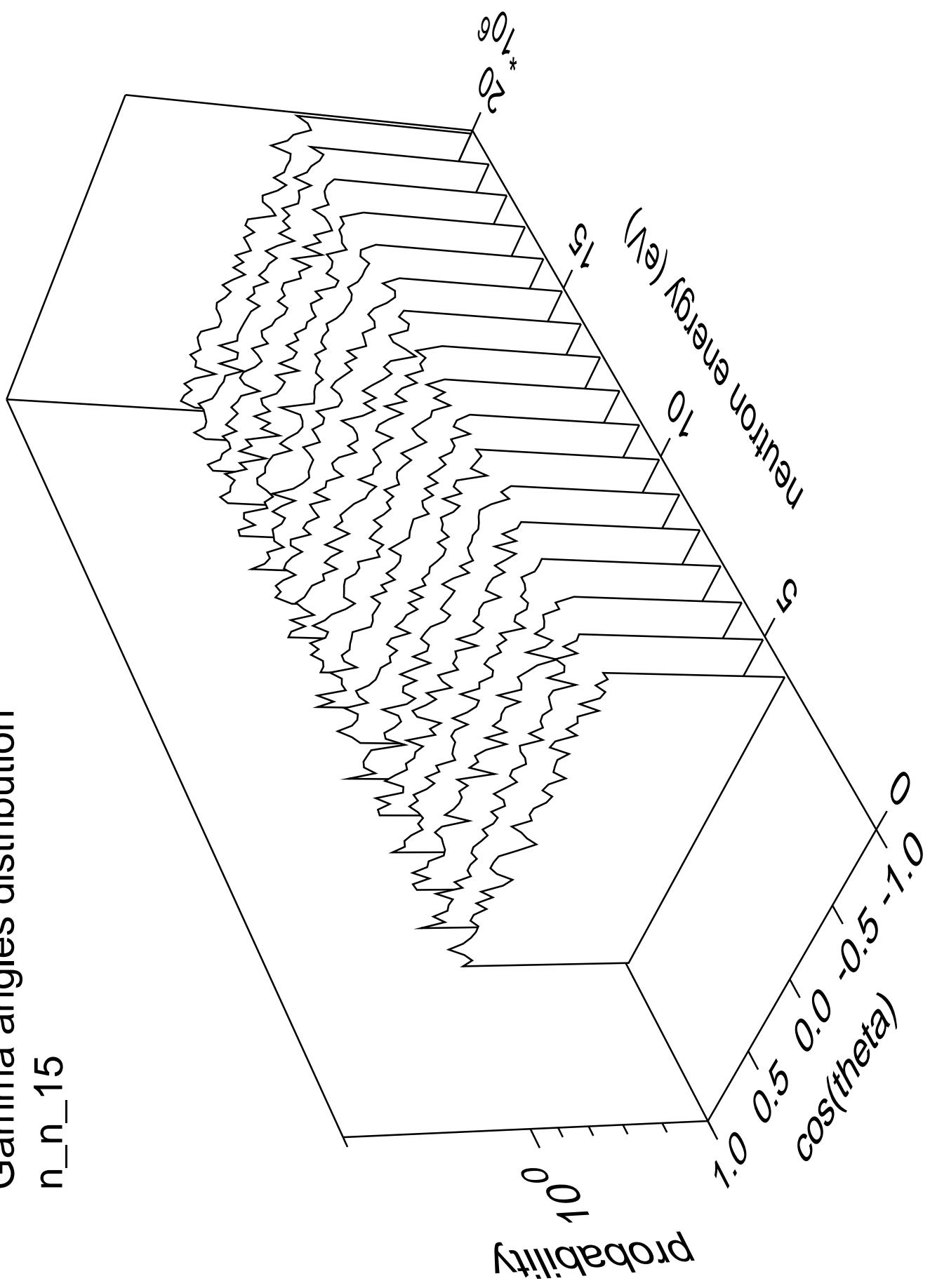


# Gamma multiplicities distribution n\_n\_14

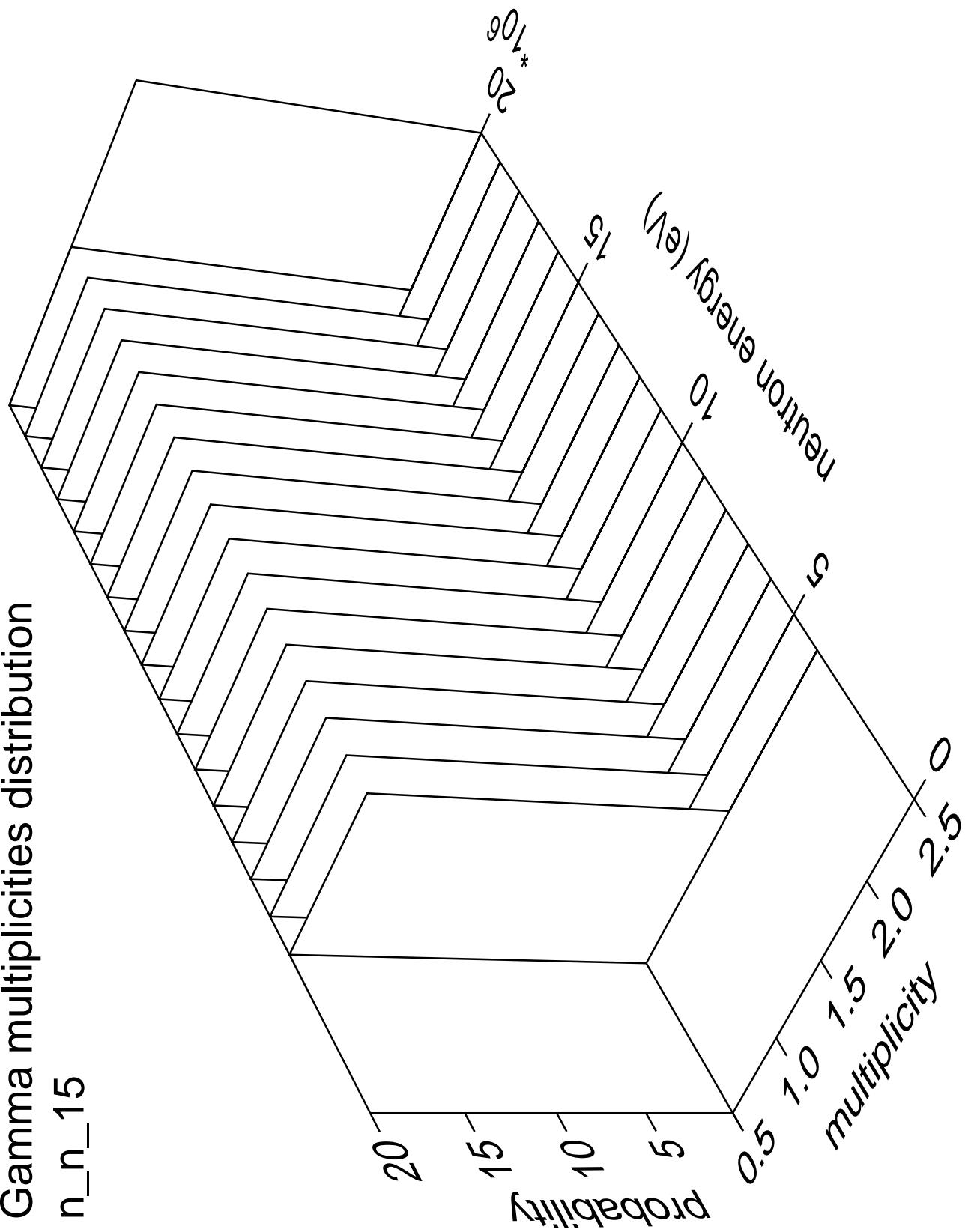




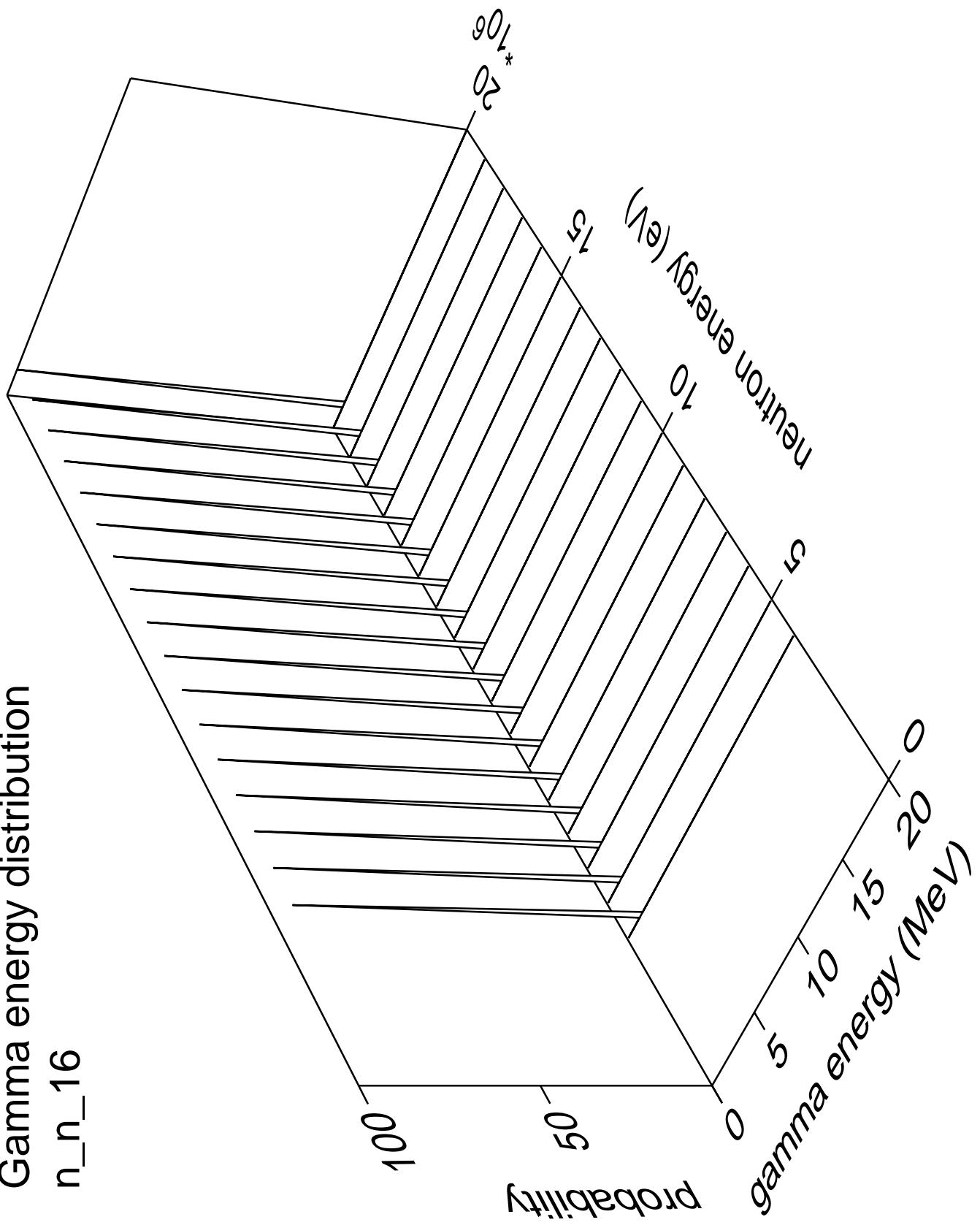
# Gamma angles distribution



## Gamma multiplicities distribution

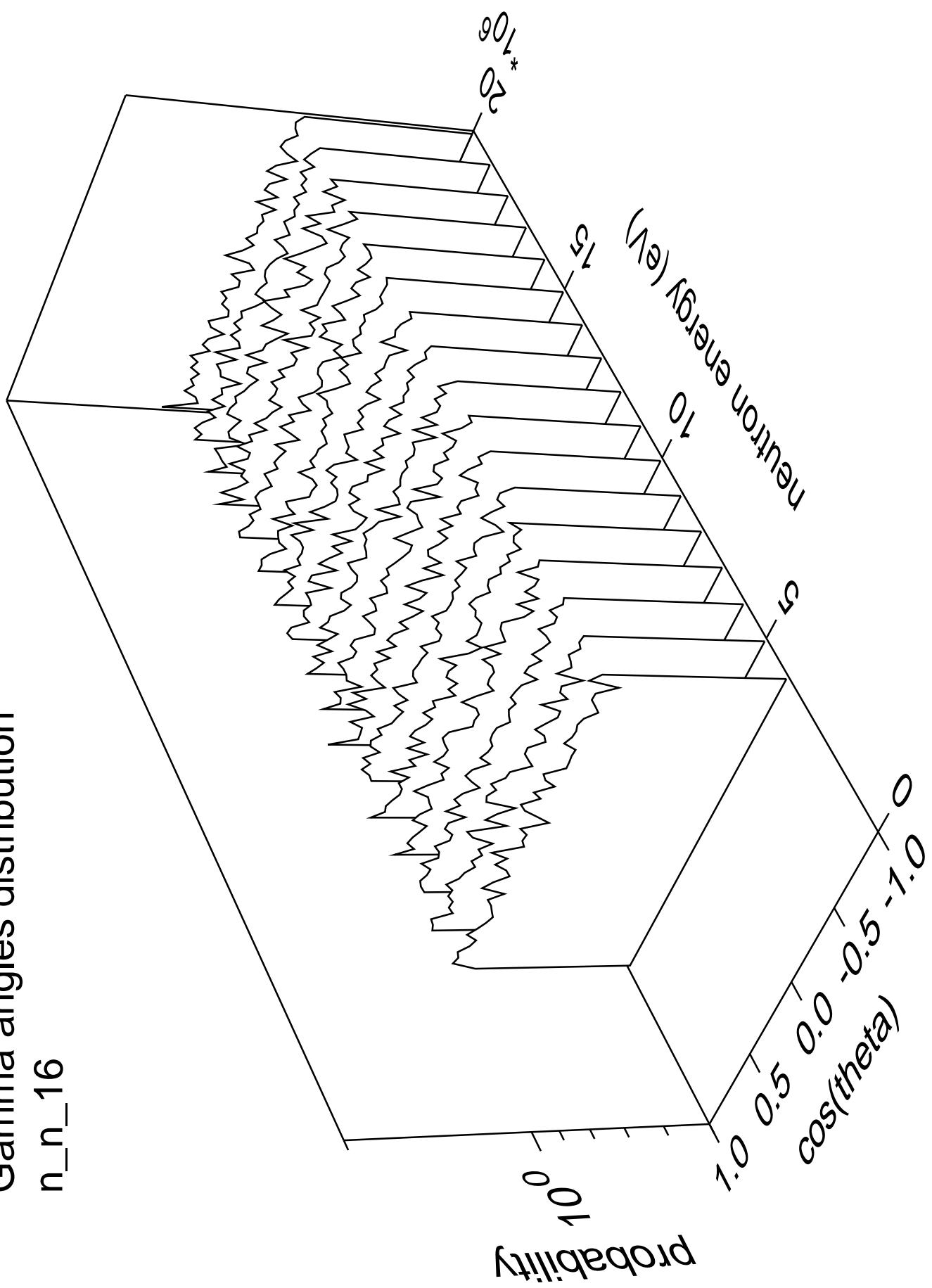


Gamma energy distribution  
n\_n\_16

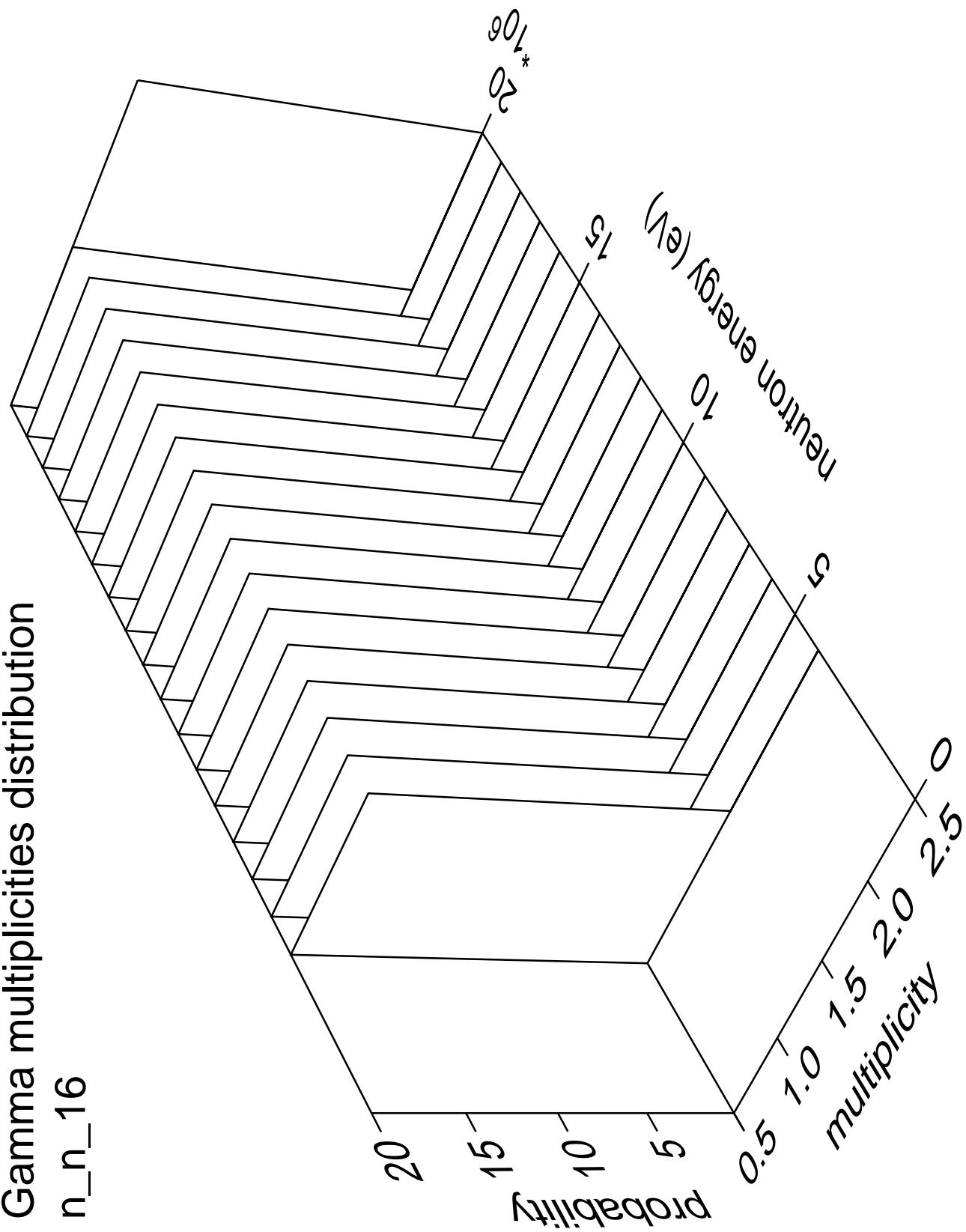


Gamma angles distribution

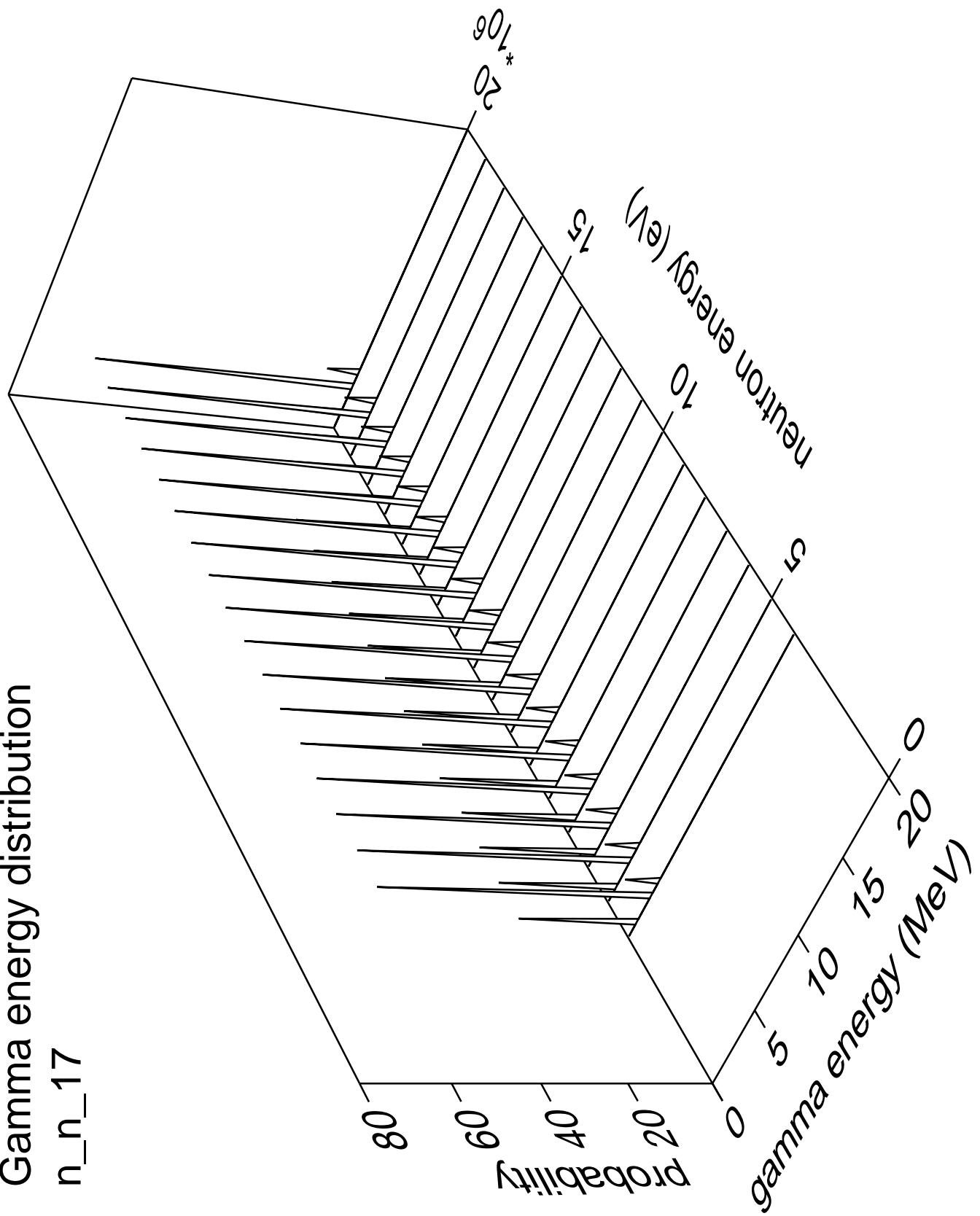
n\_n\_16



# Gamma multiplicities distribution

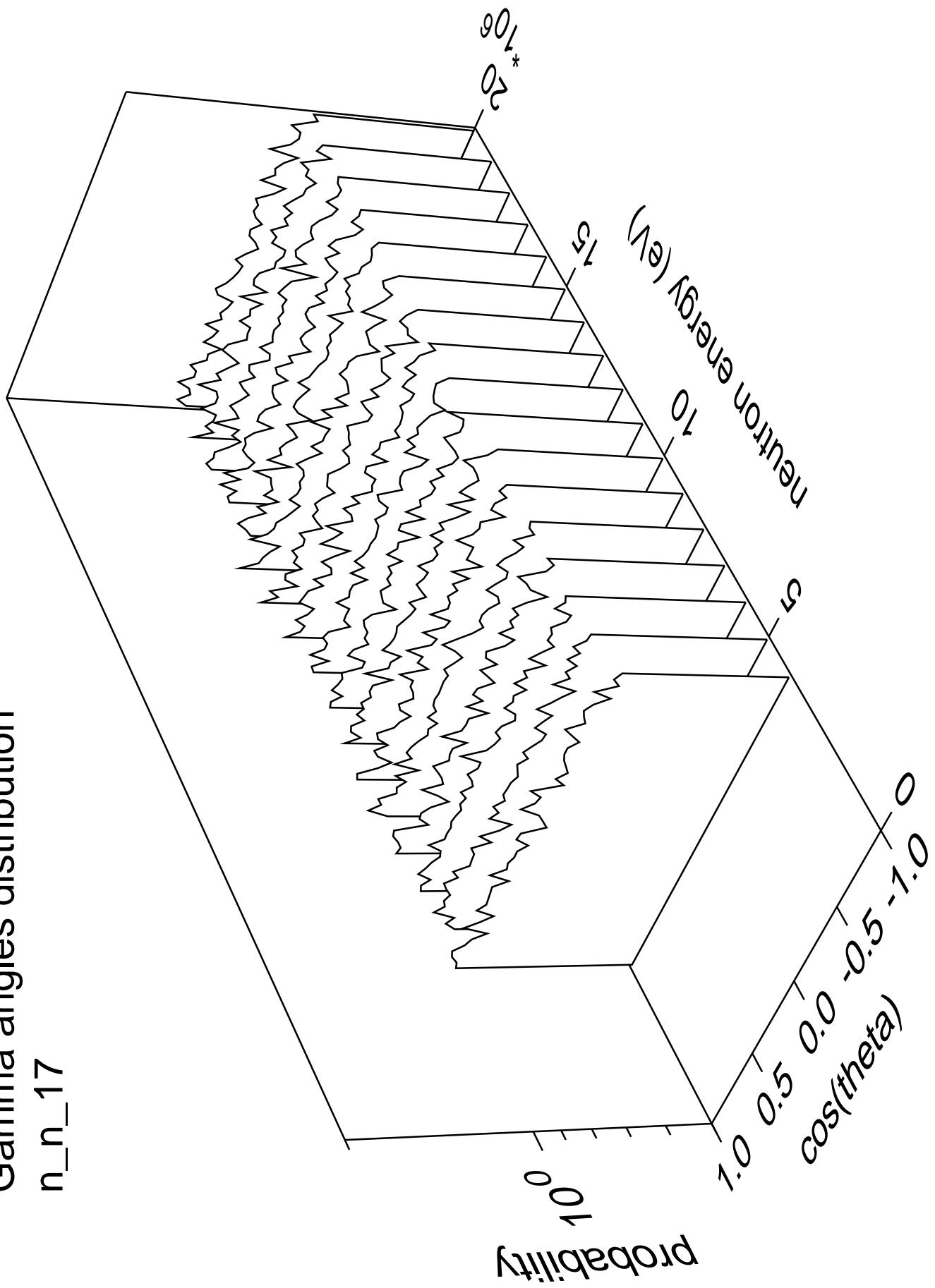


# Gamma energy distribution n\_n\_17

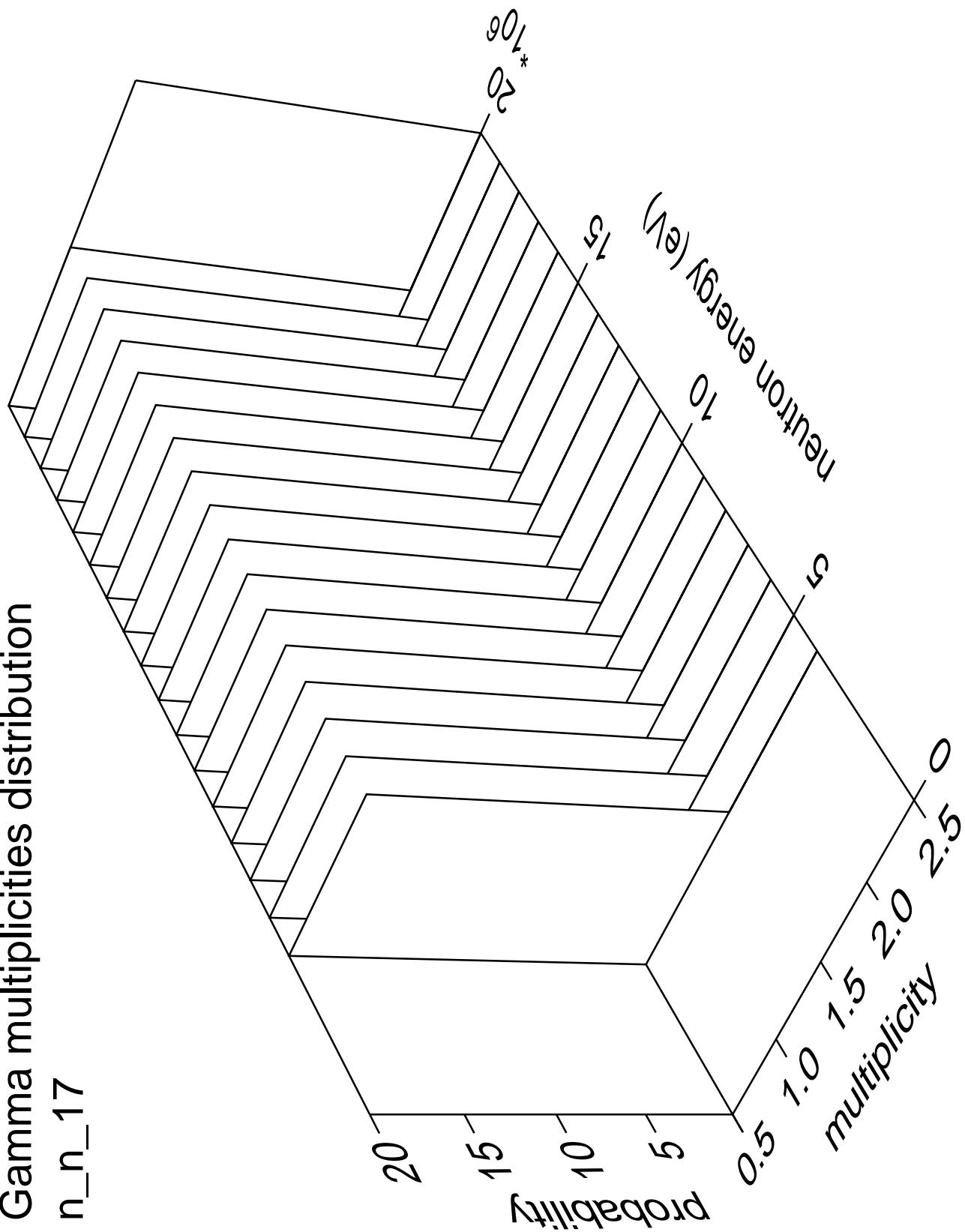


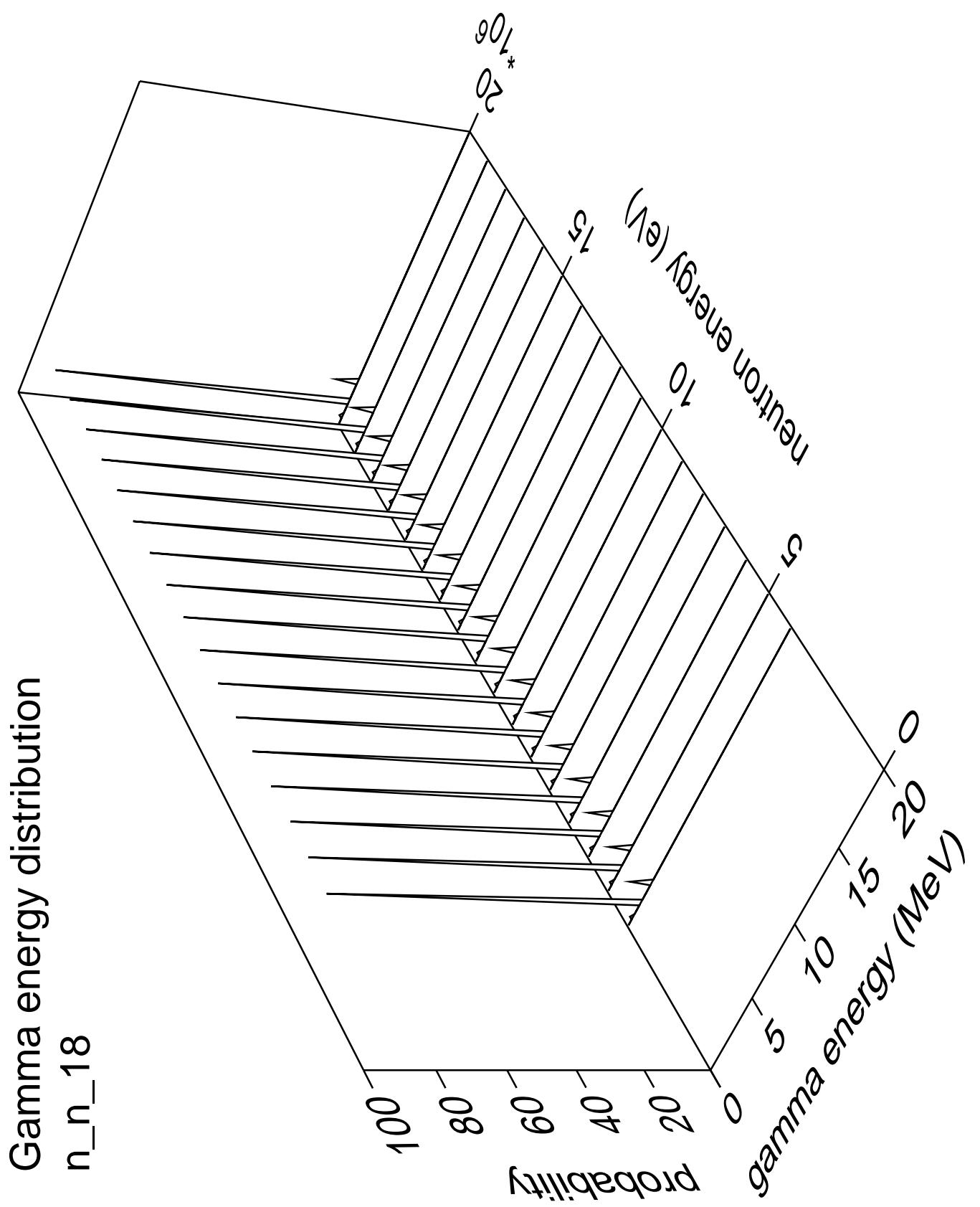
Gamma angles distribution

n\_n\_17



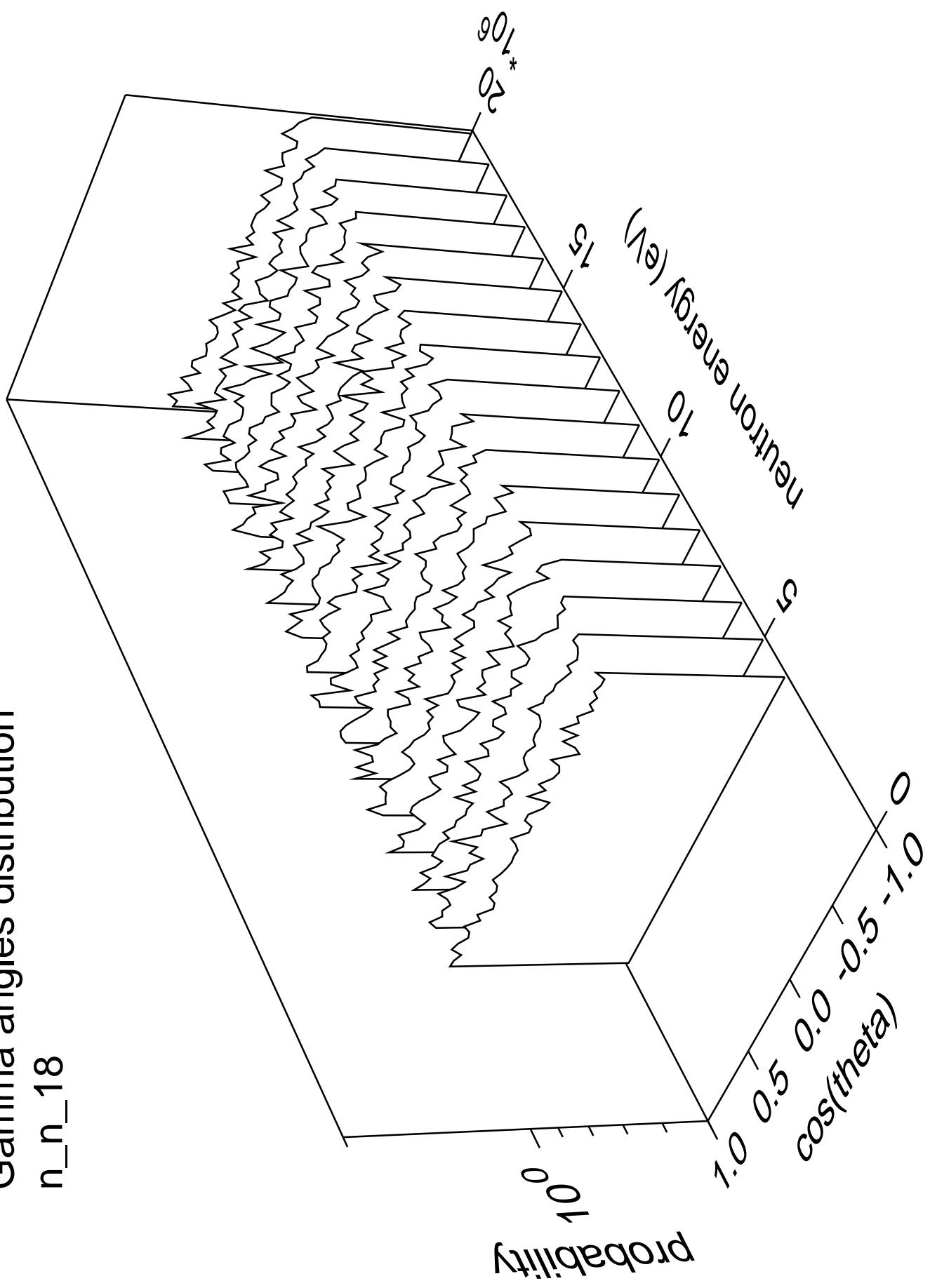
# Gamma multiplicities distribution n\_n\_17



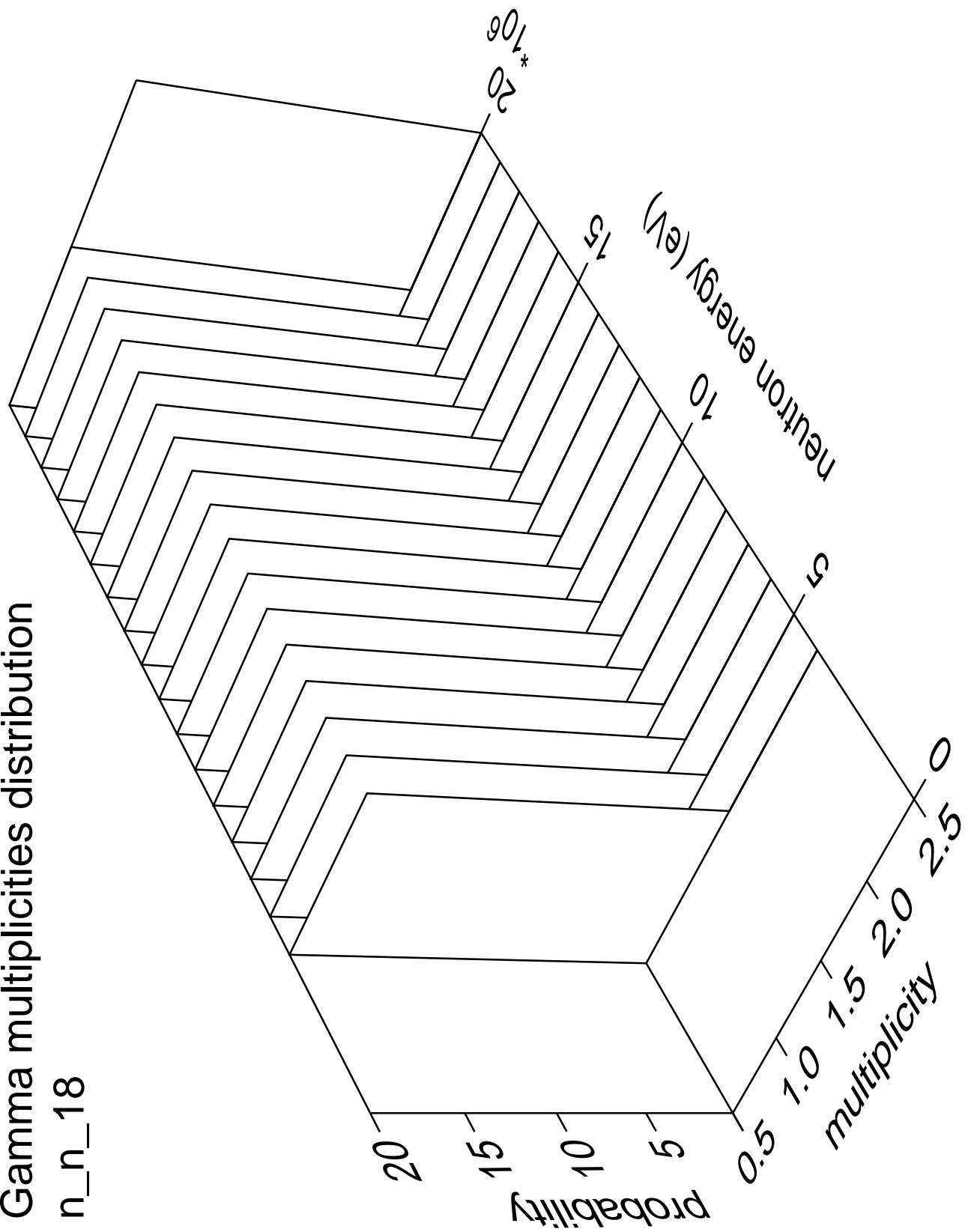


Gamma angles distribution

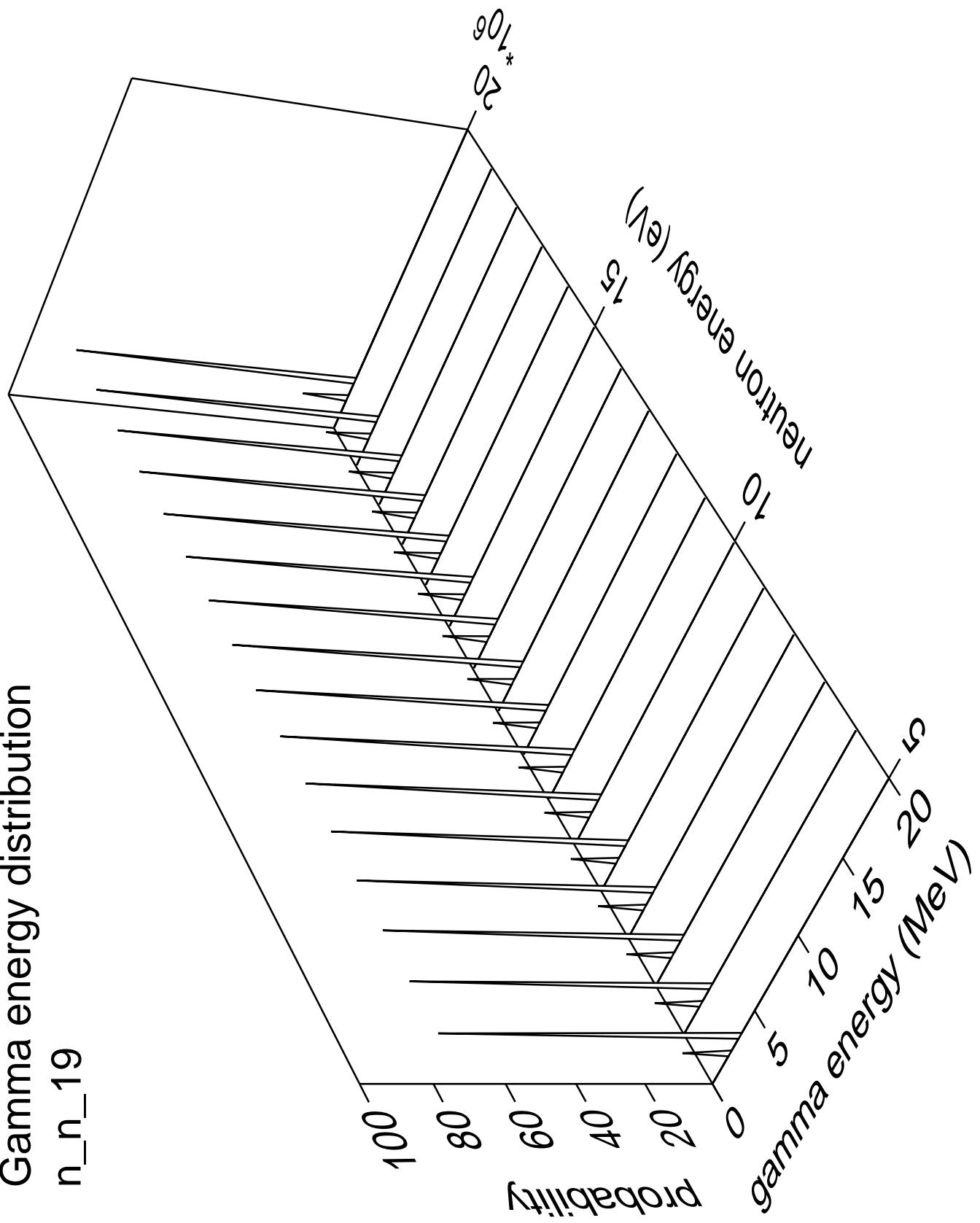
n\_n\_18



# Gamma multiplicities distribution

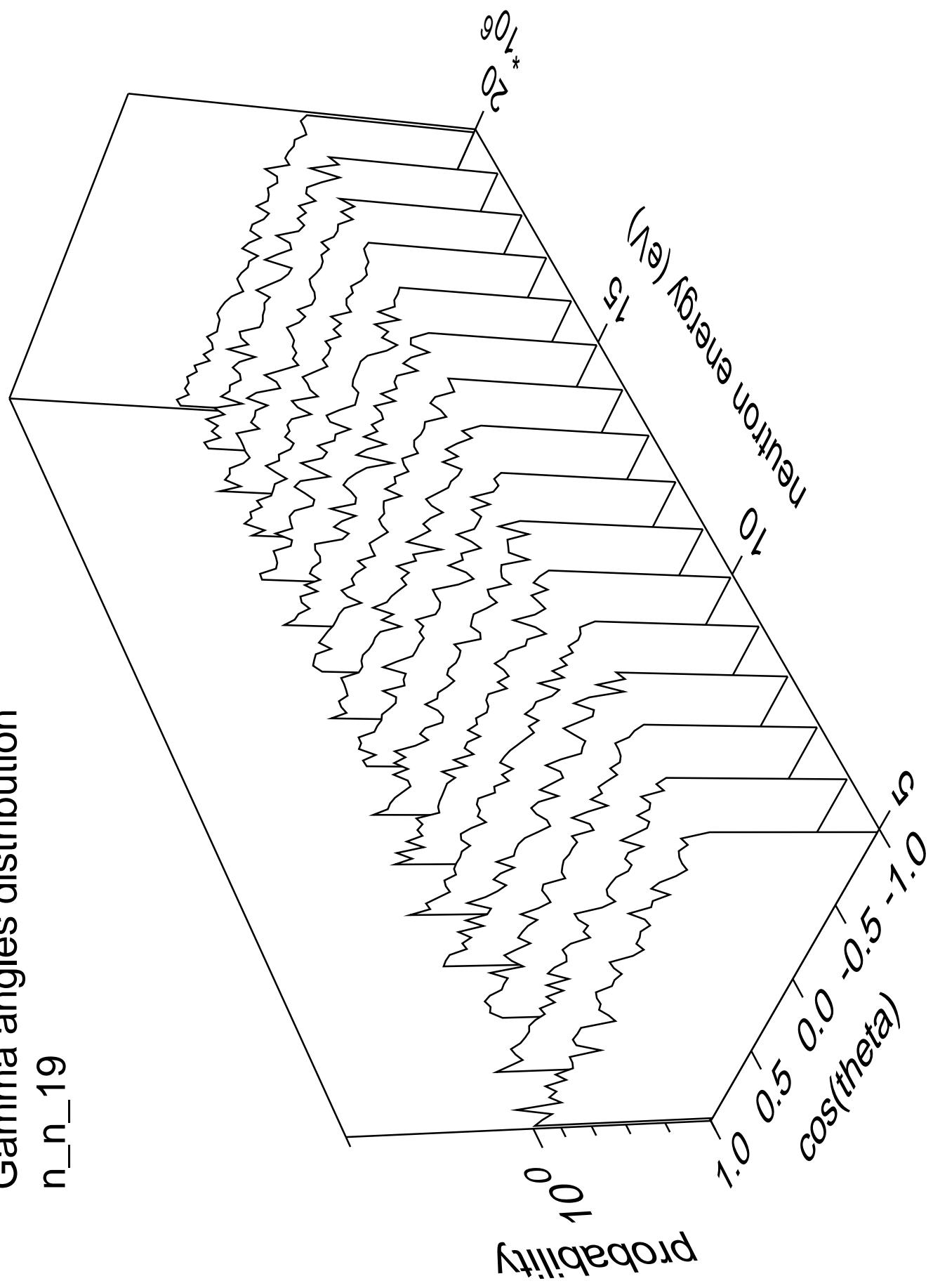


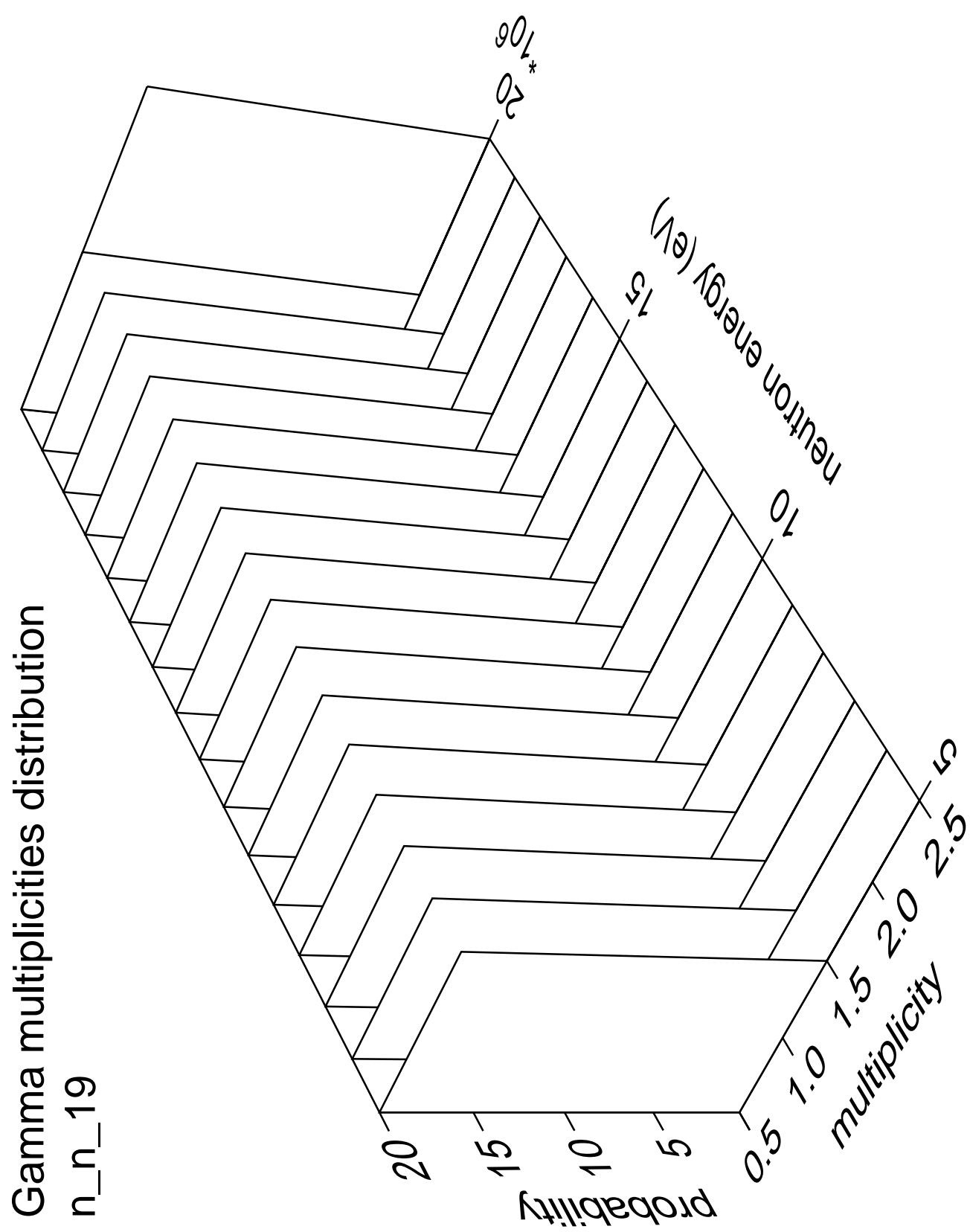
# Gamma energy distribution



# Gamma angles distribution

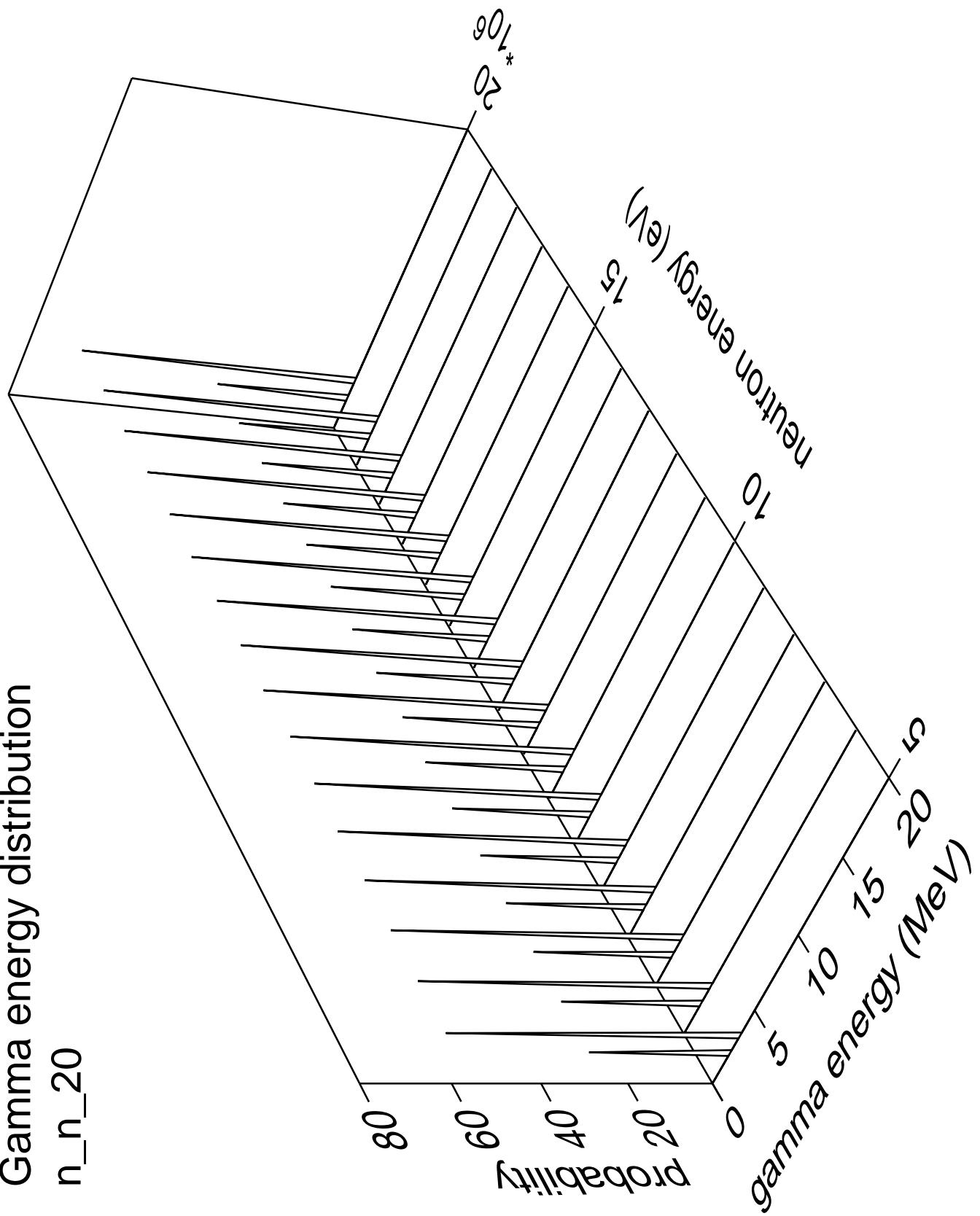
n\_n\_19





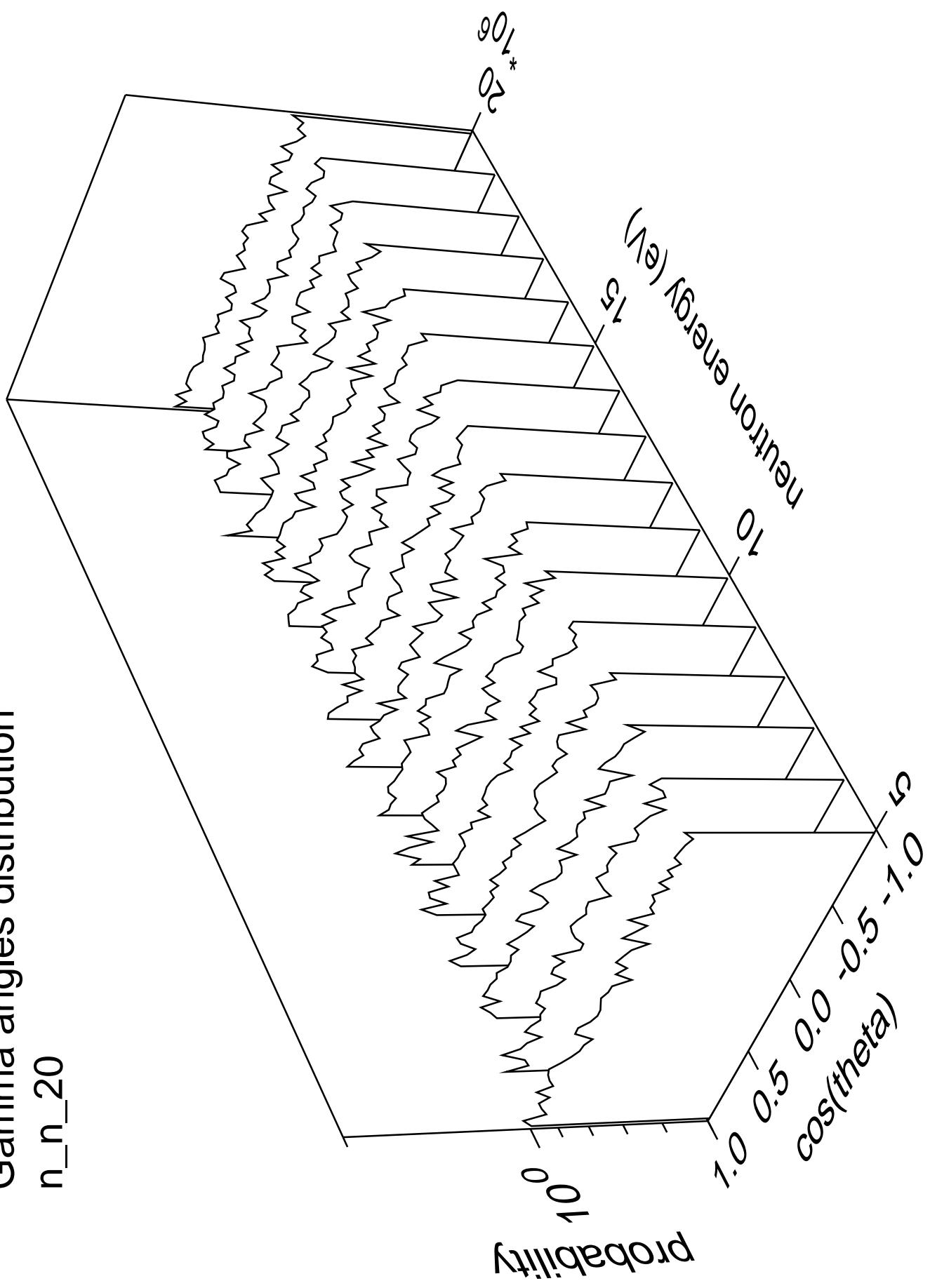
Gamma energy distribution

n\_n\_20

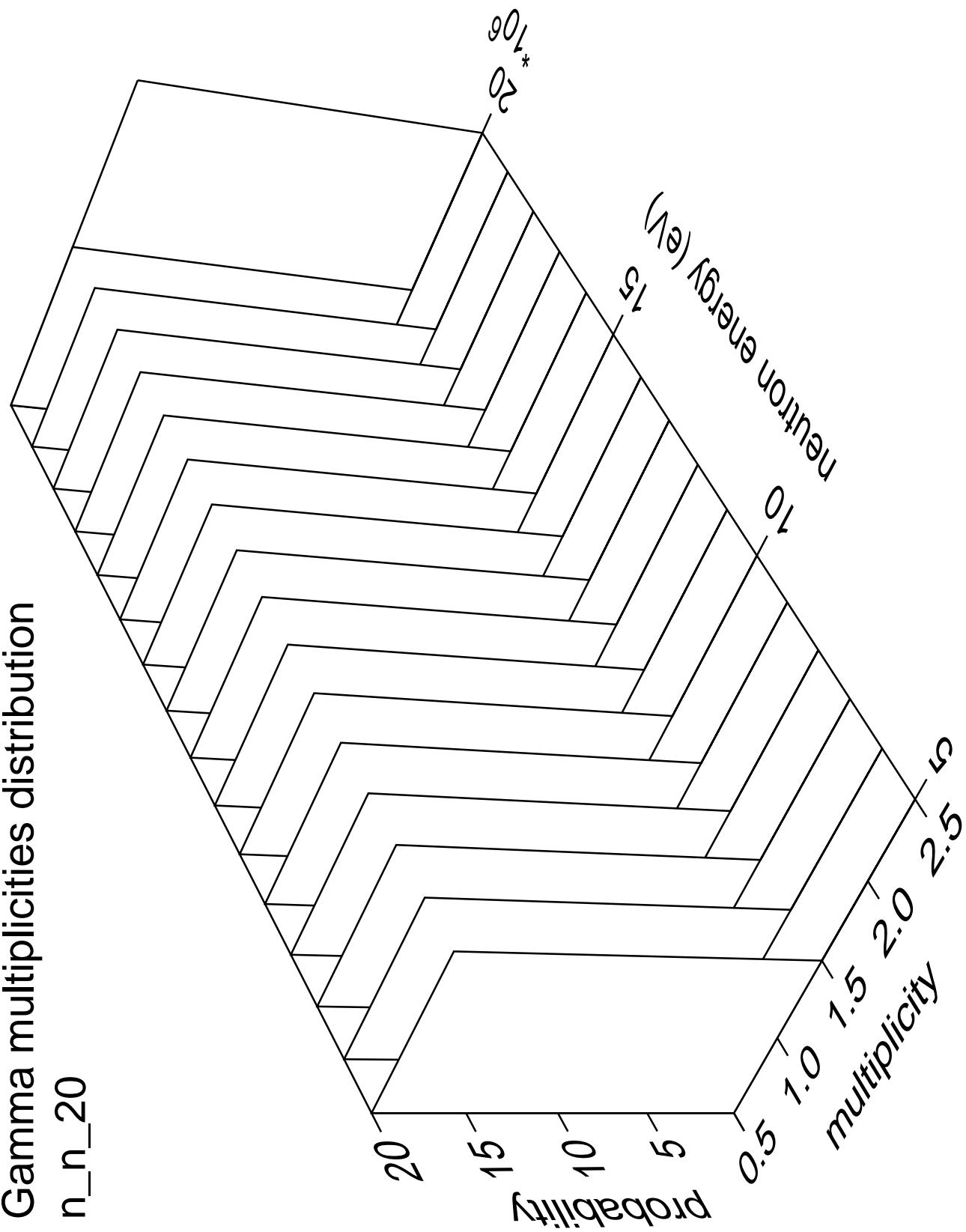


Gamma angles distribution

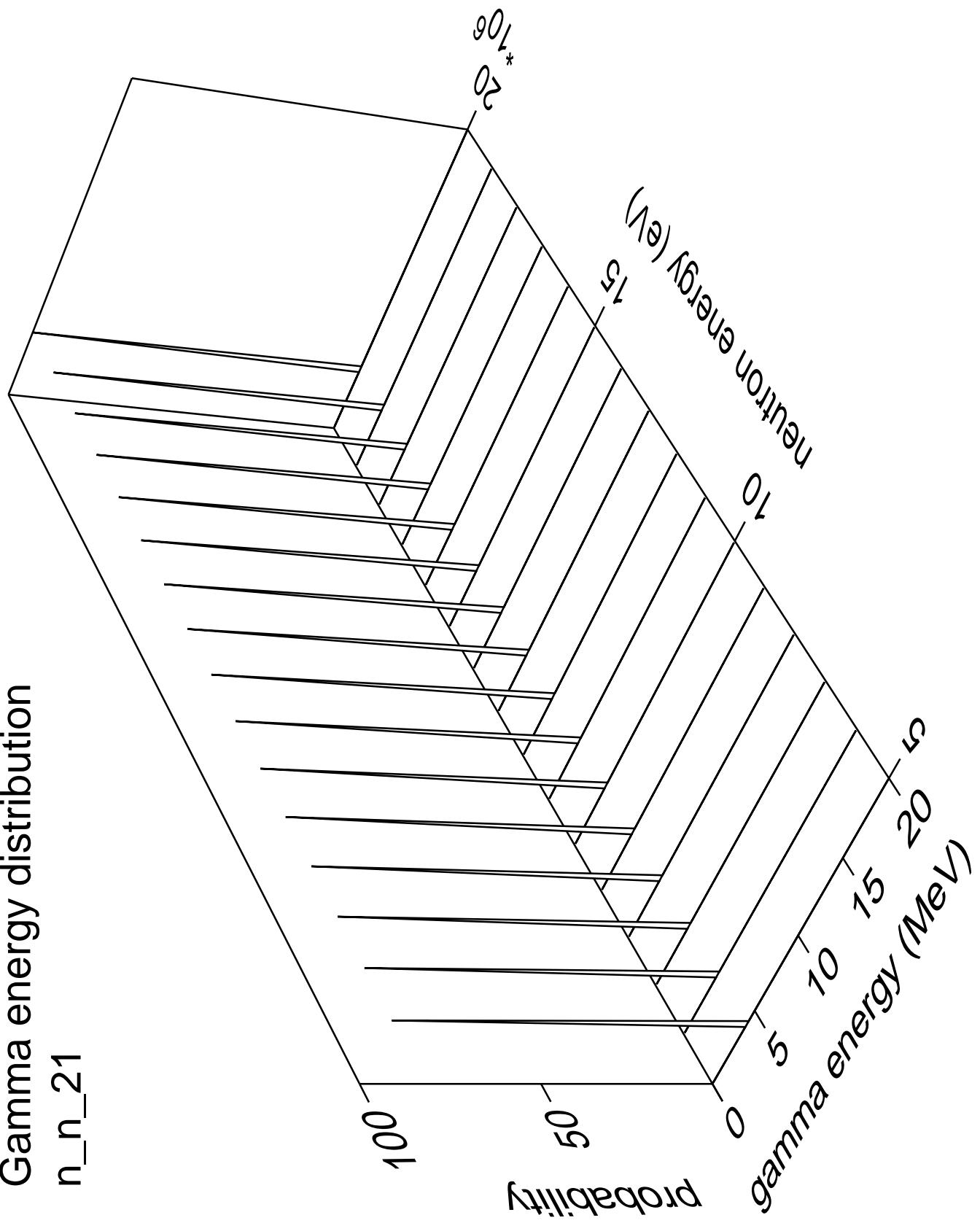
n\_n\_20



## Gamma multiplicities distribution

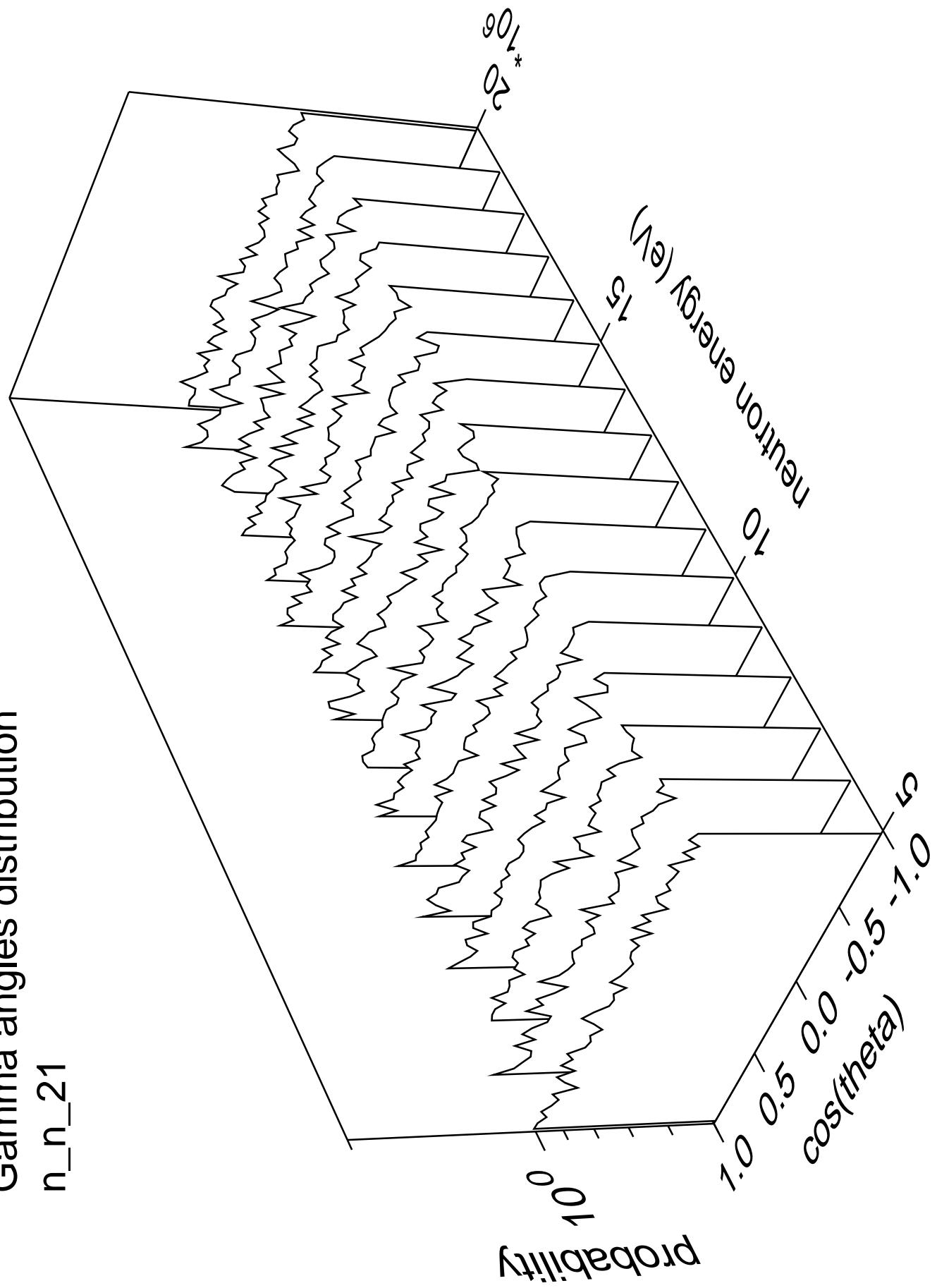


# Gamma energy distribution

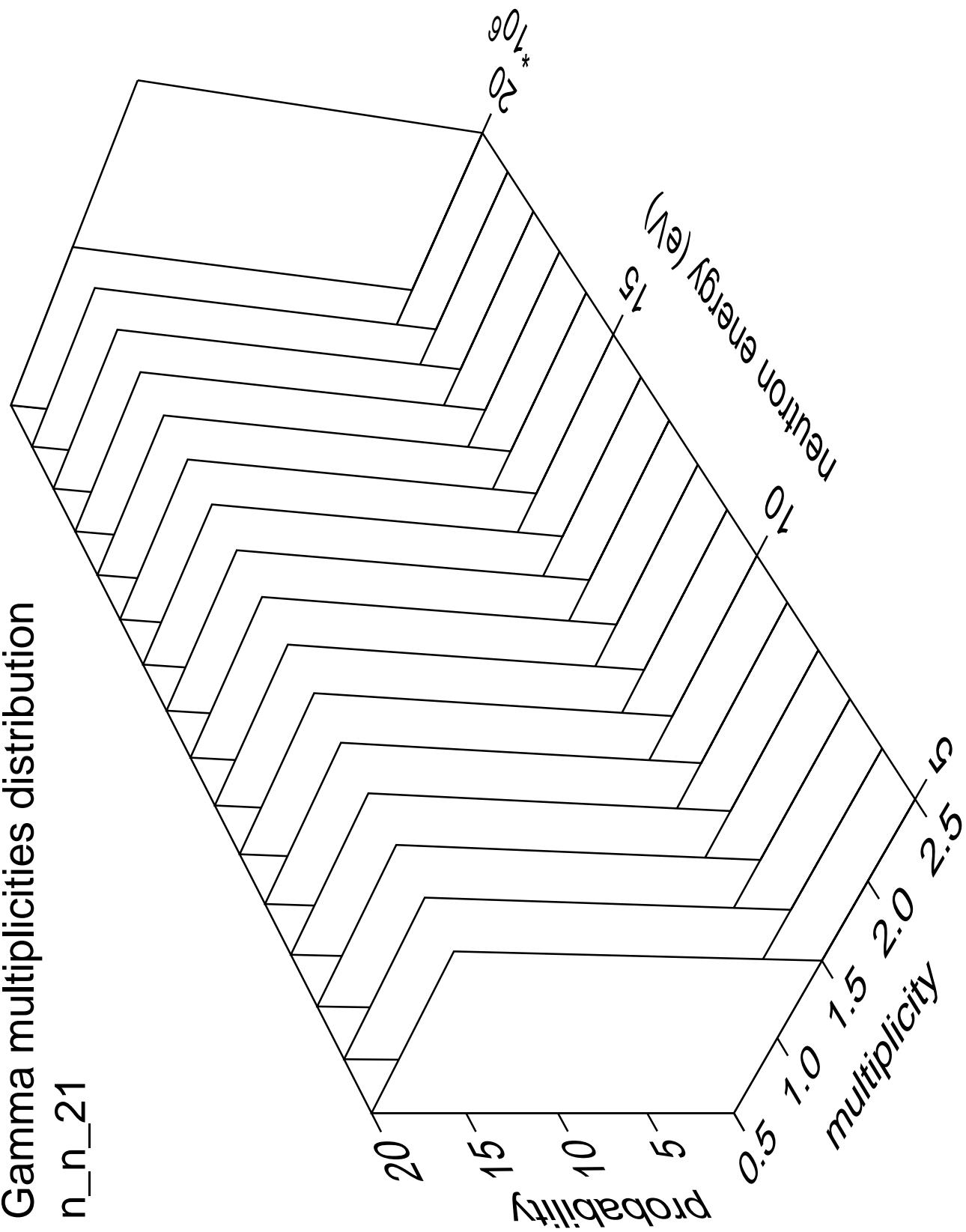


## Gamma angles distribution

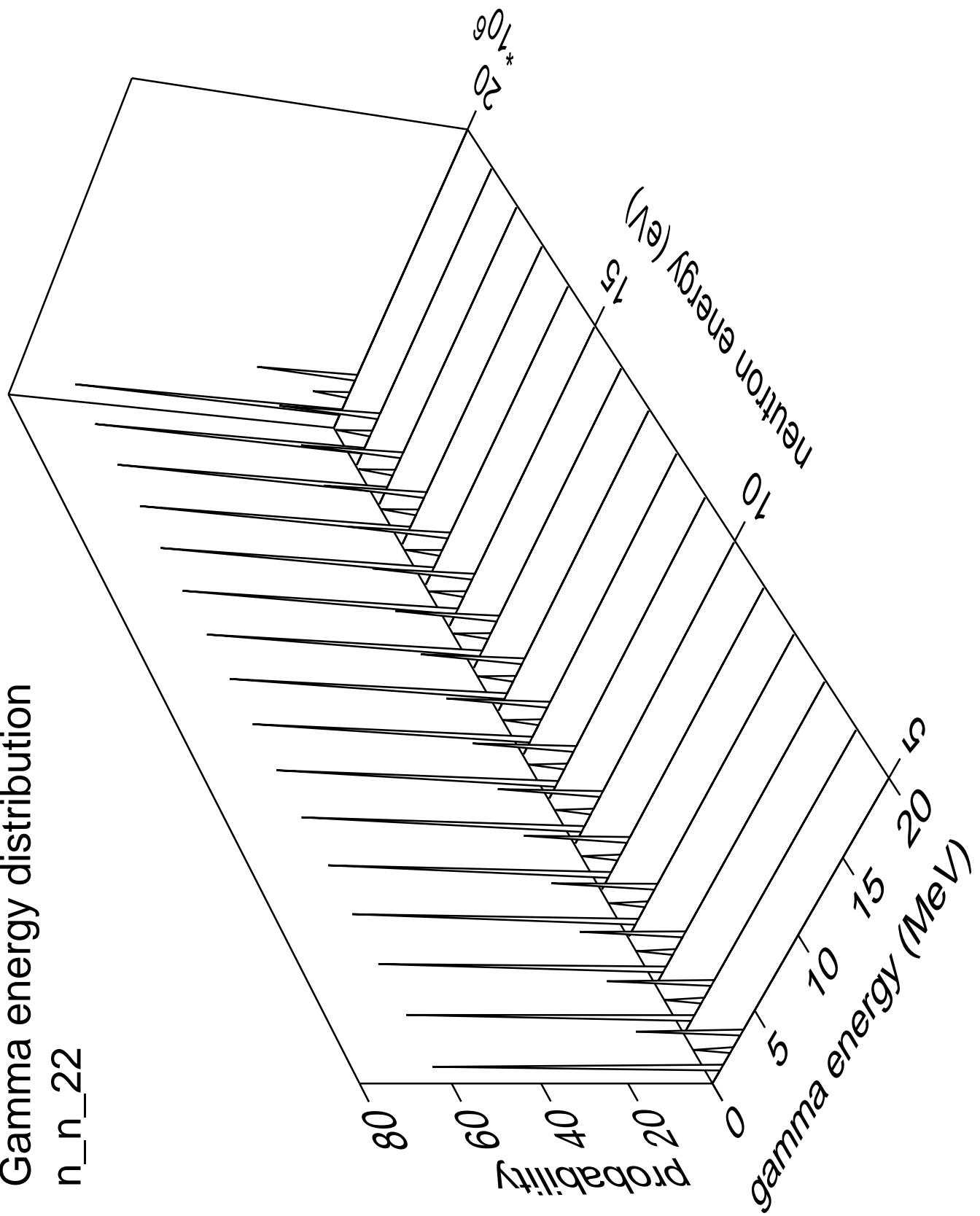
n\_n\_21



## Gamma multiplicities distribution

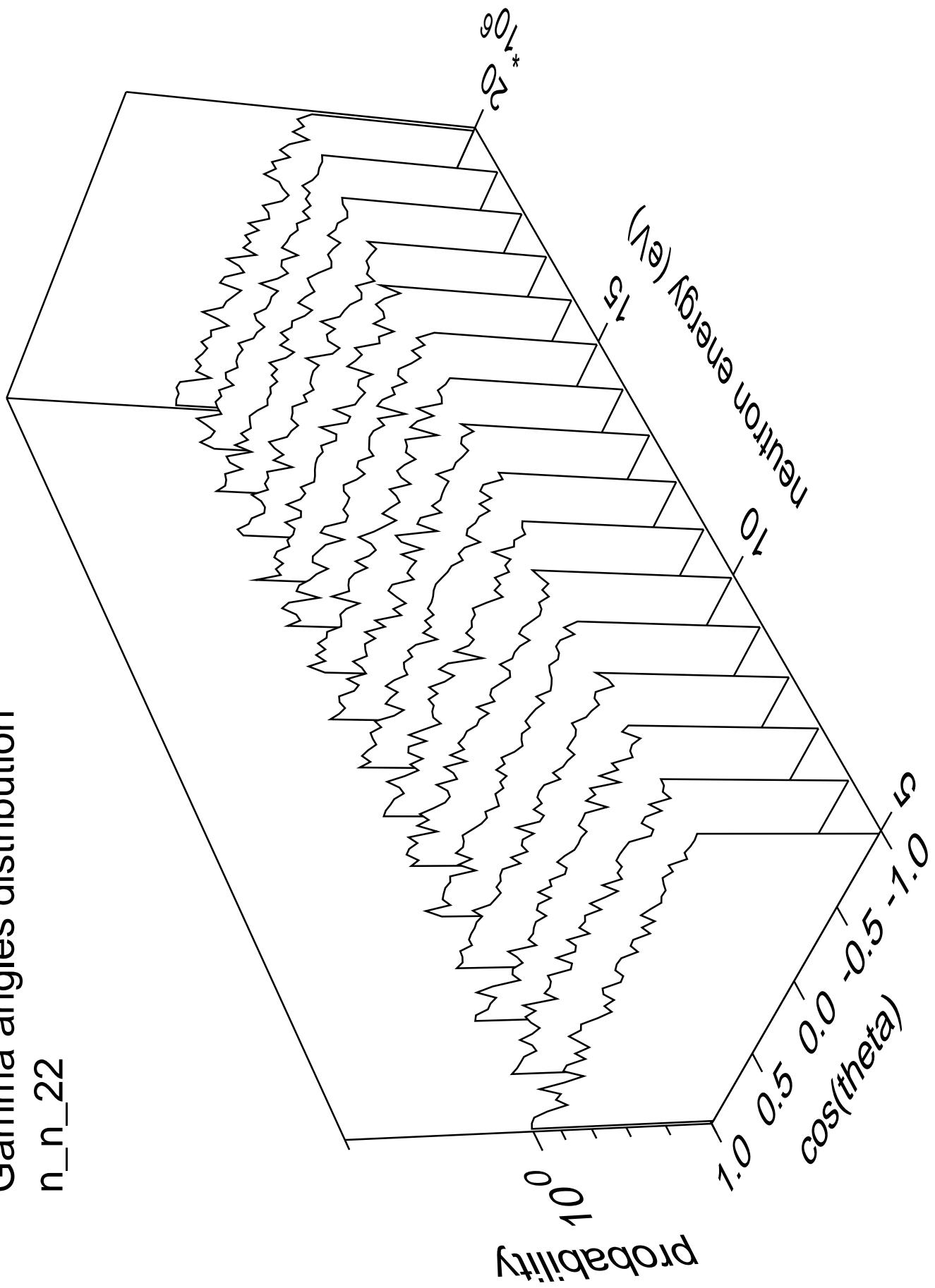


# Gamma energy distribution n\_n\_22



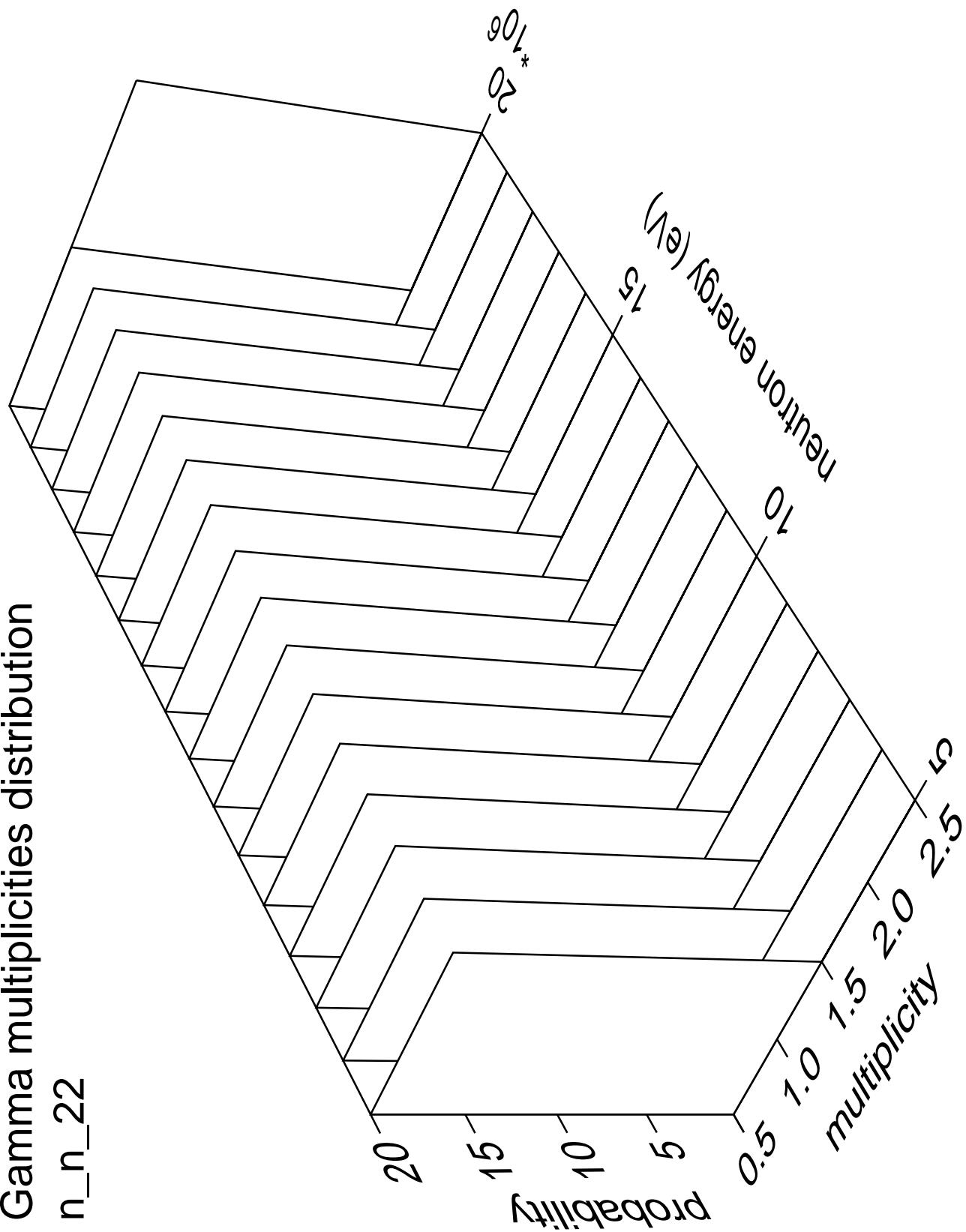
Gamma angles distribution

n\_n\_22



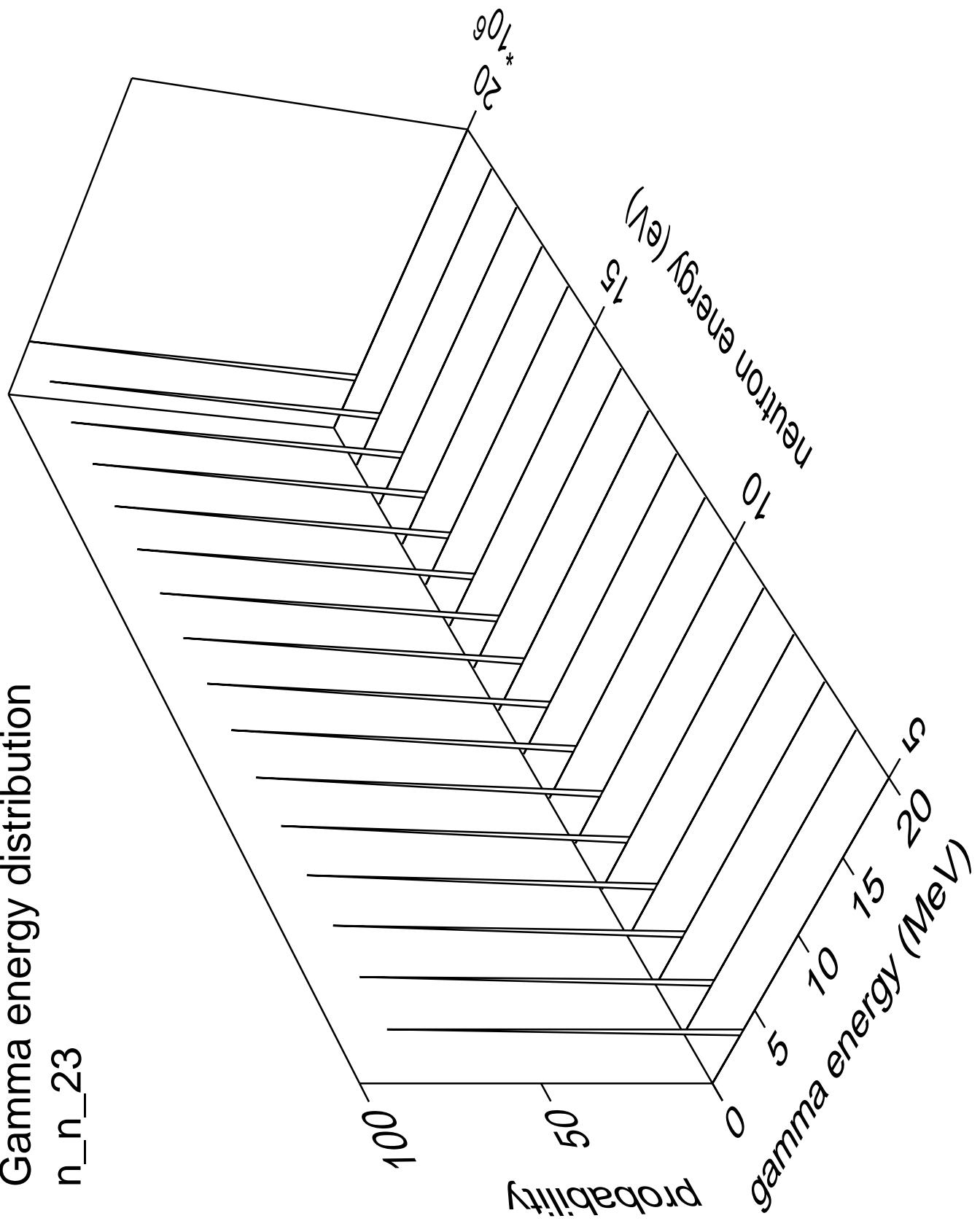
## Gamma multiplicities distribution

$n_n_{22}$



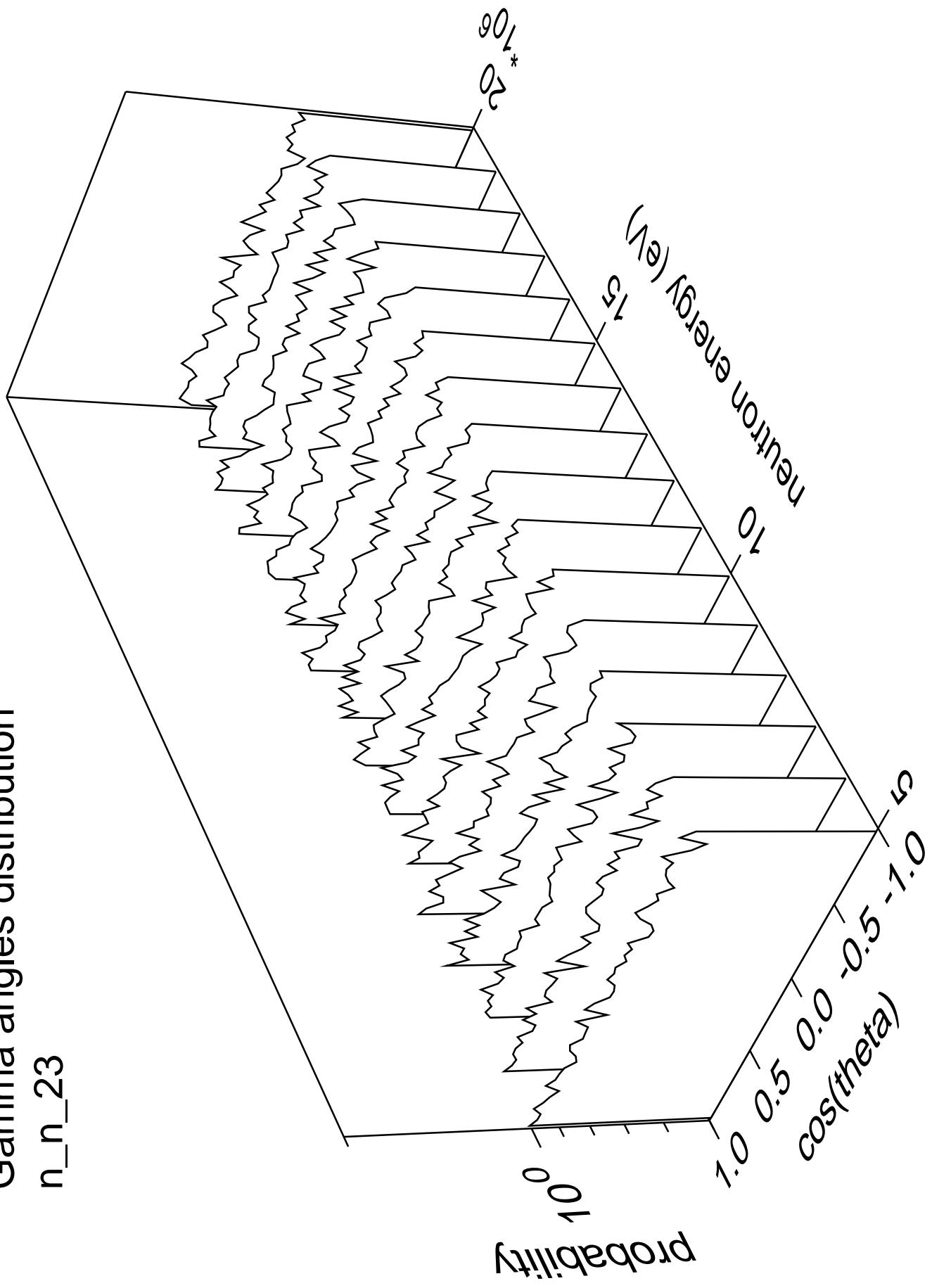
Gamma energy distribution

n\_n\_23



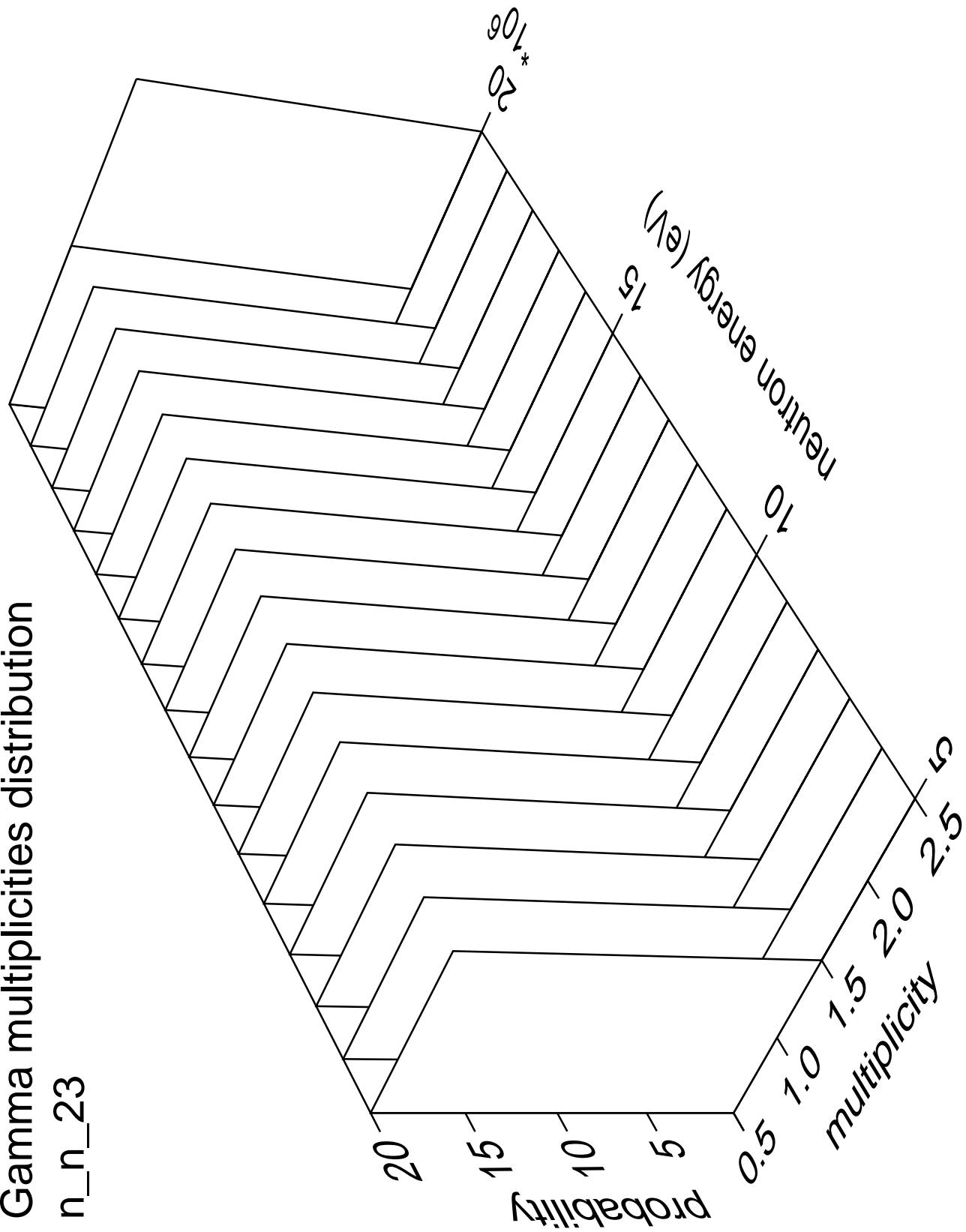
Gamma angles distribution

n\_n\_23

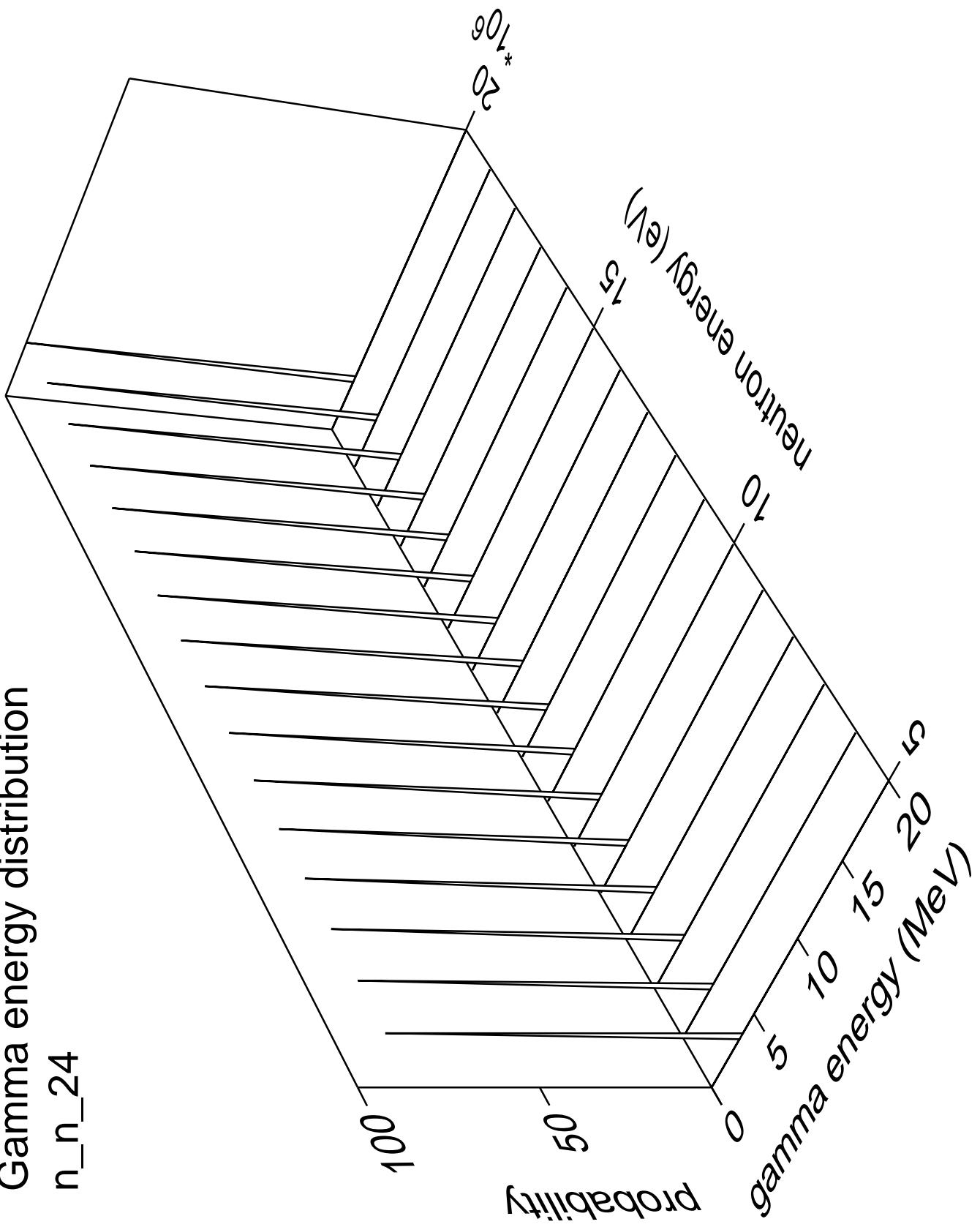


## Gamma multiplicities distribution

$n_n_{23}$

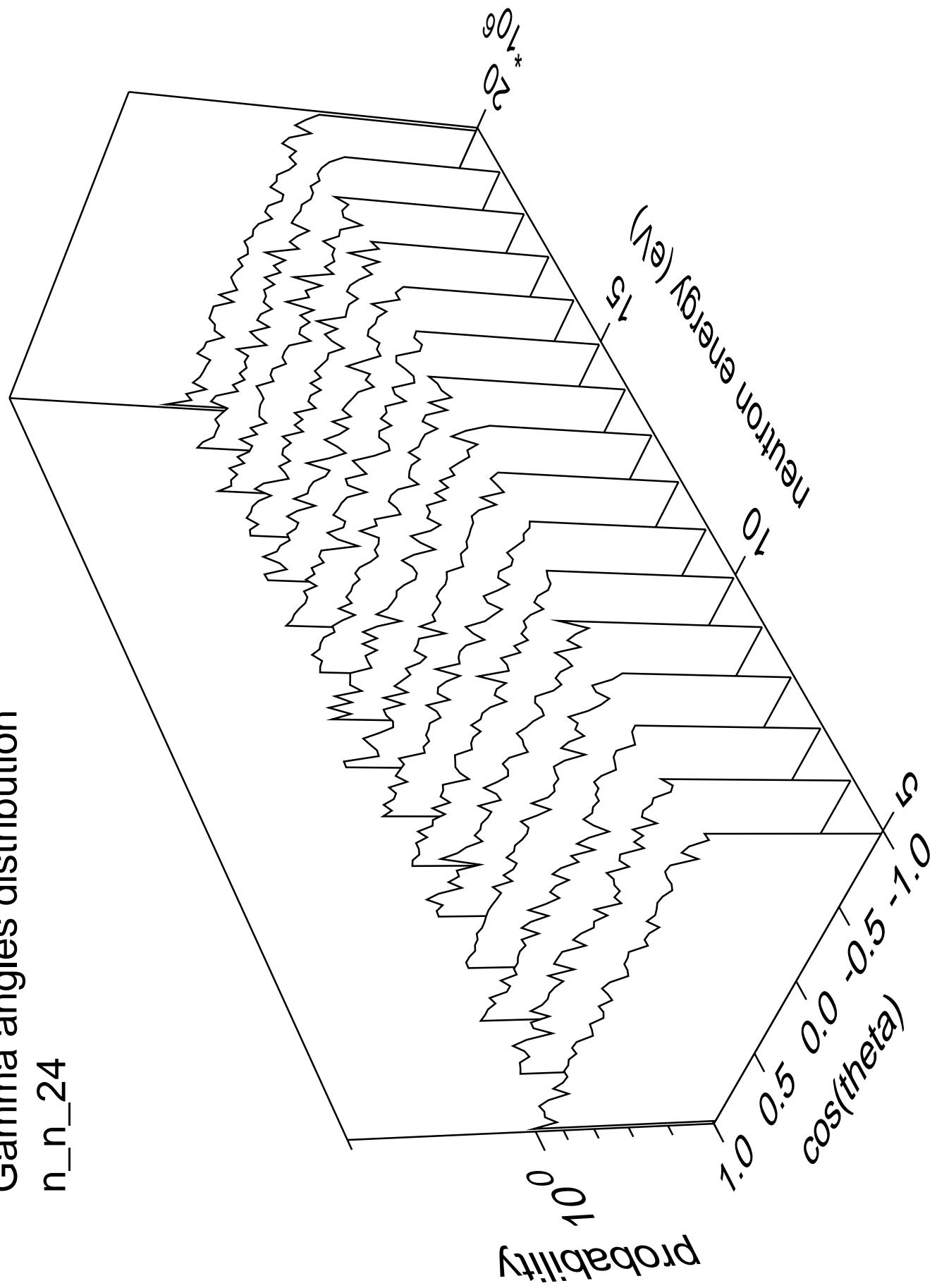


# Gamma energy distribution n\_n\_24

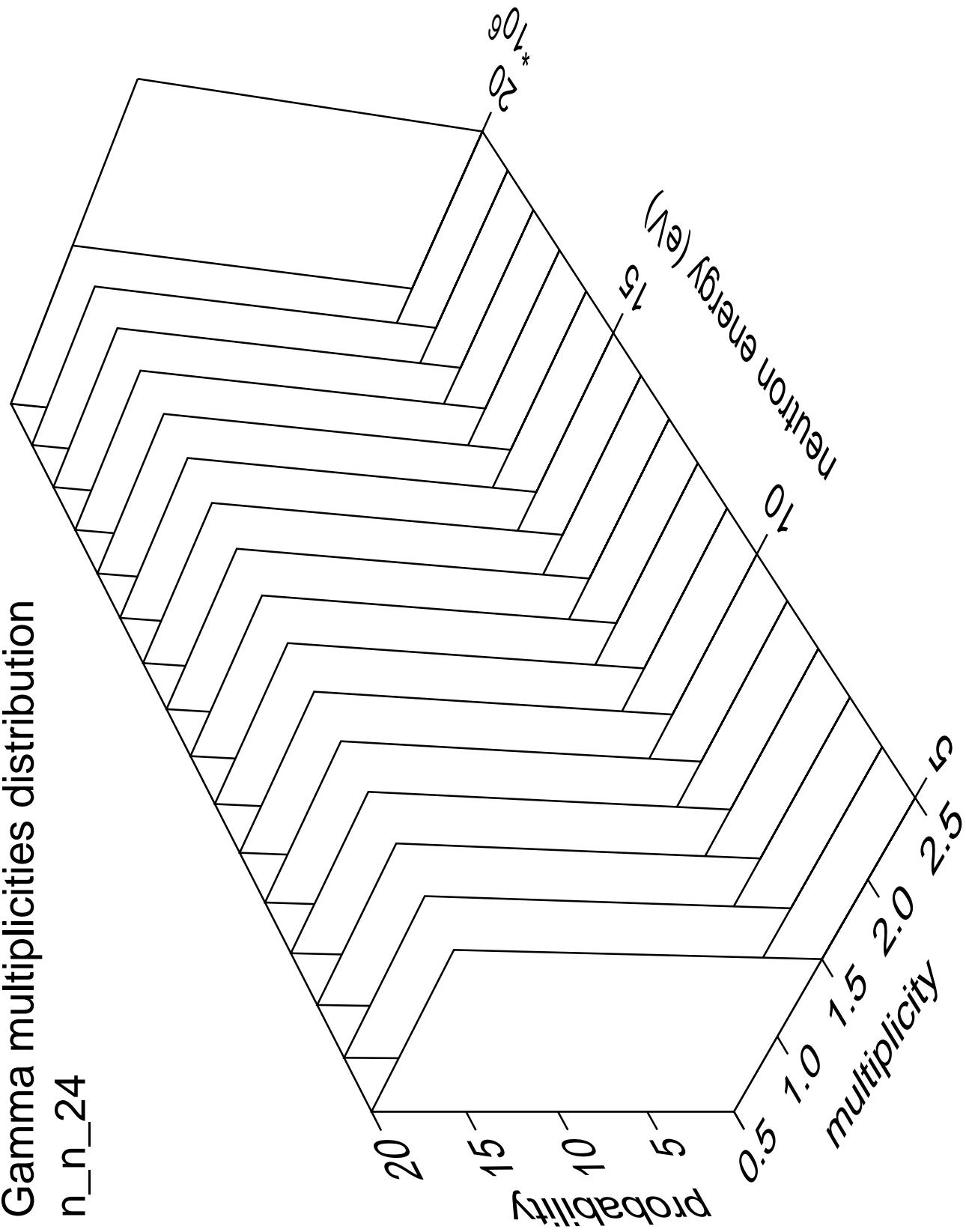


## Gamma angles distribution

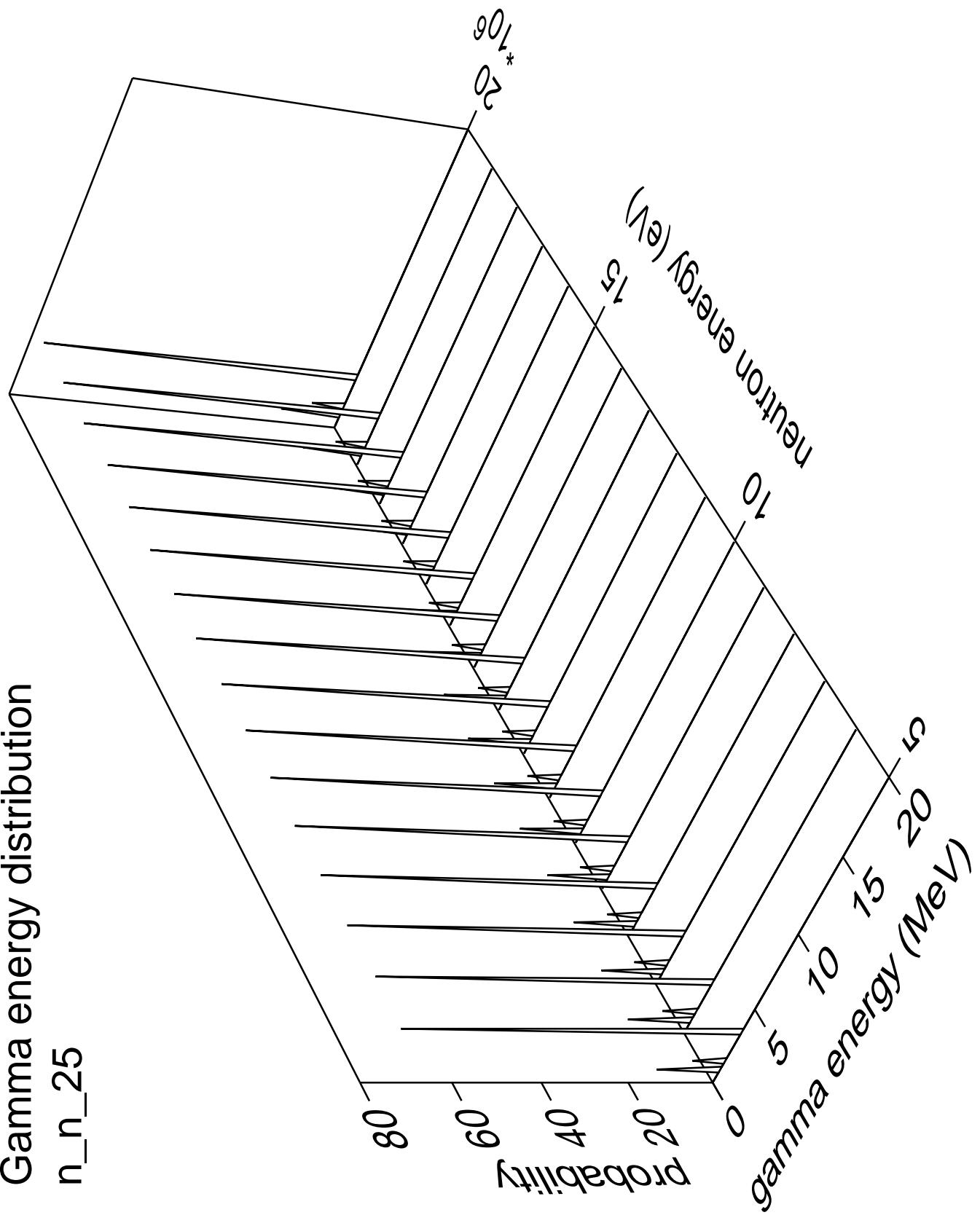
n\_n\_24



# Gamma multiplicities distribution

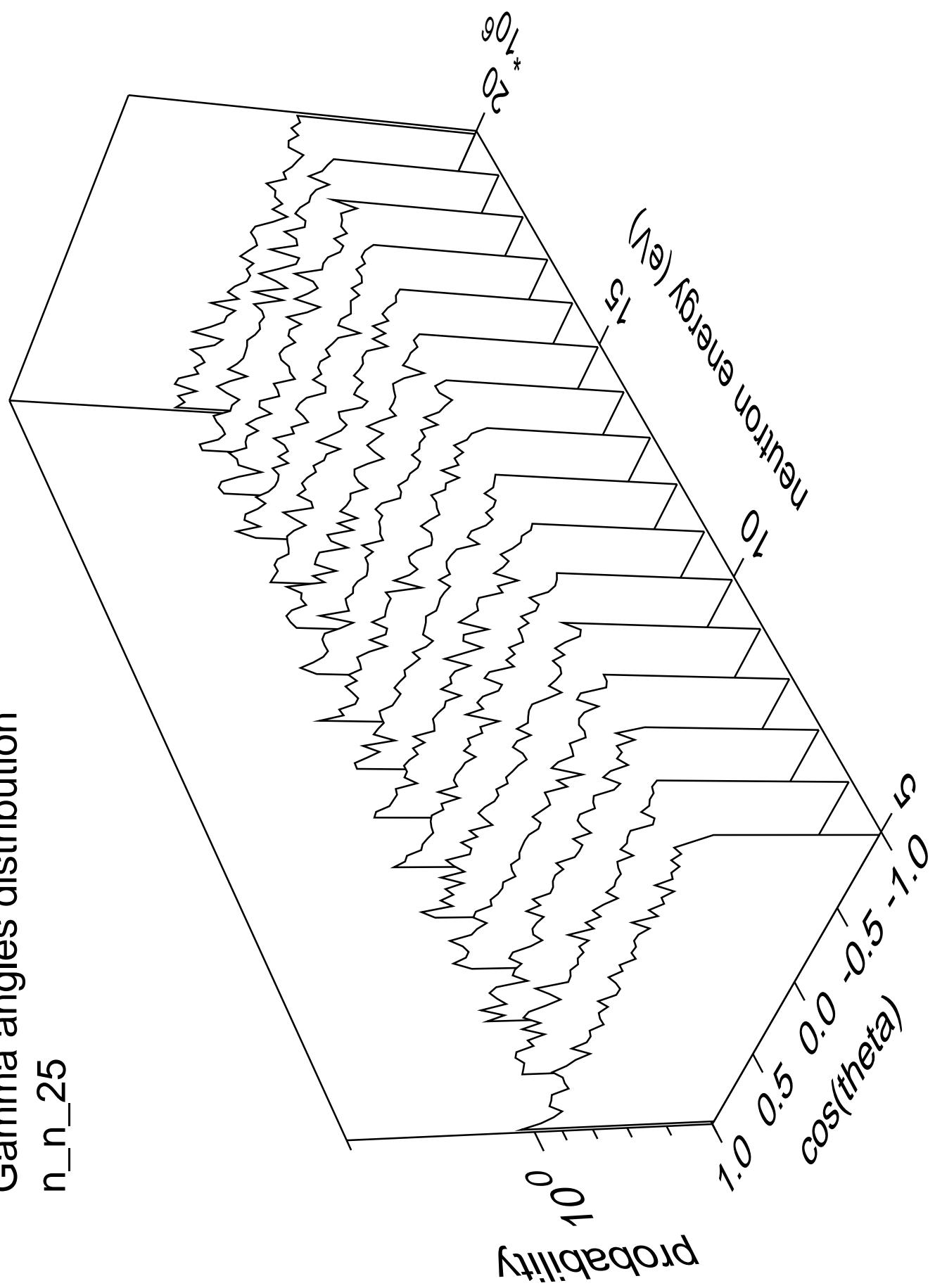


# Gamma energy distribution

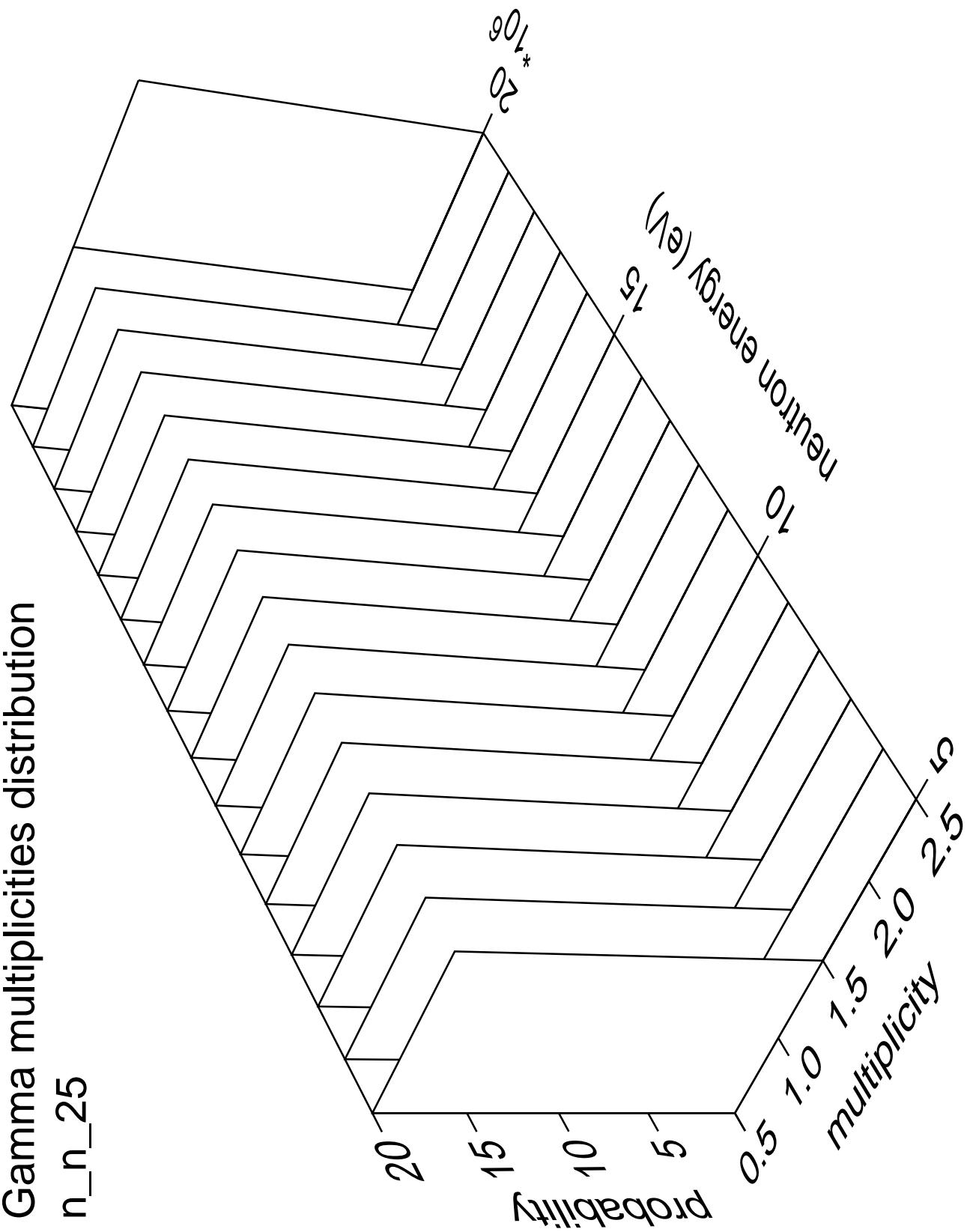


# Gamma angles distribution

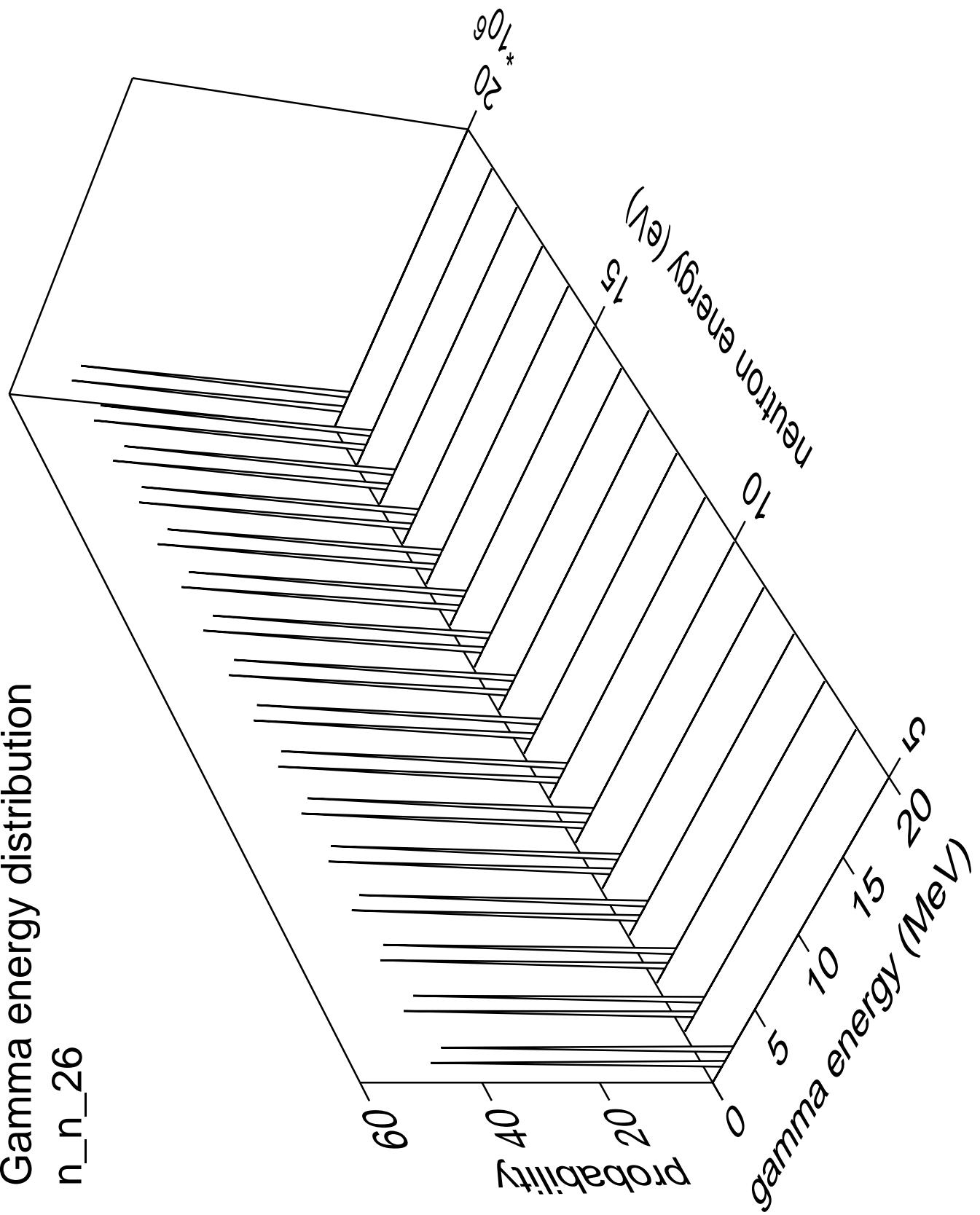
n\_n\_25



## Gamma multiplicities distribution

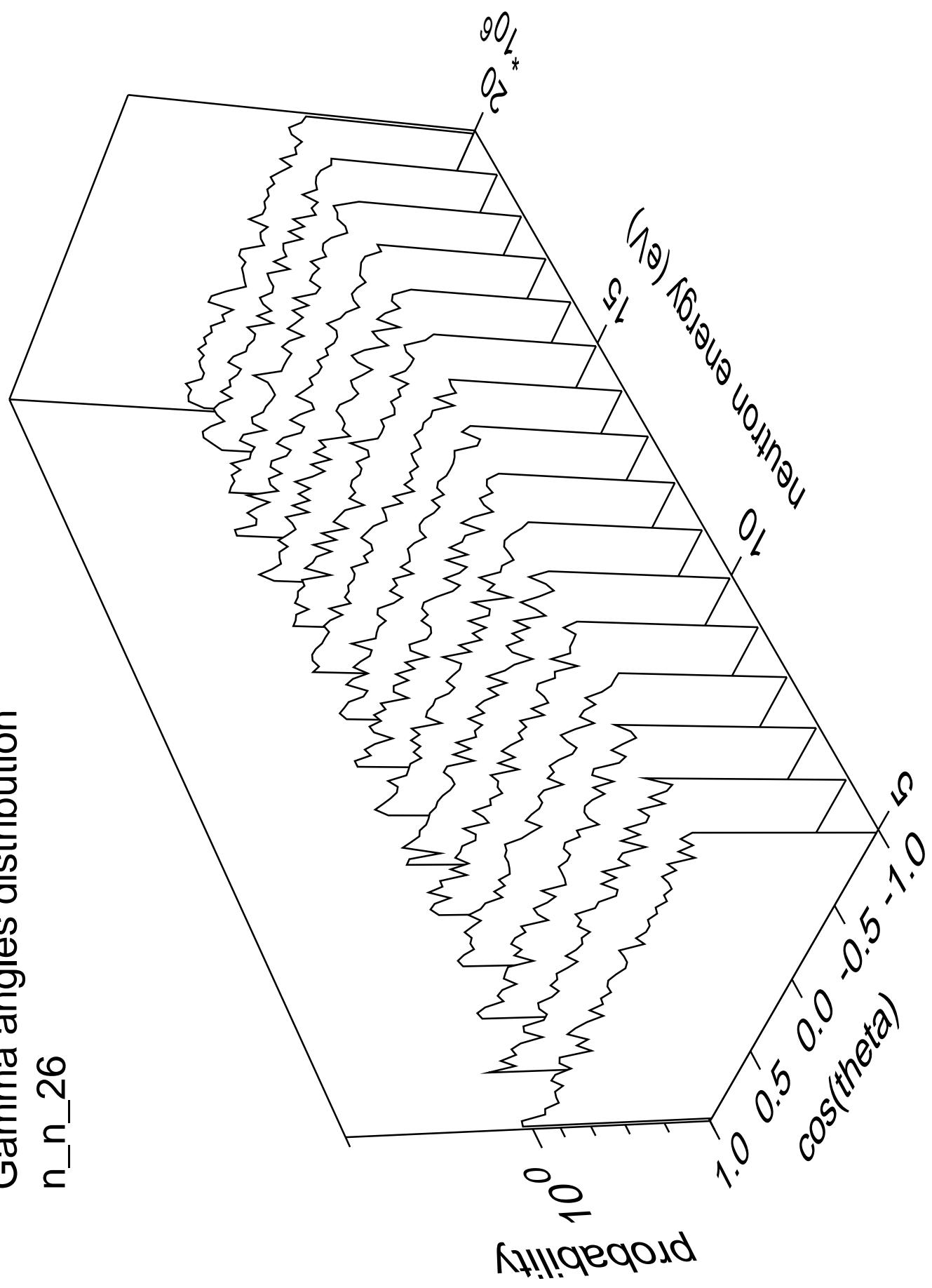


# Gamma energy distribution

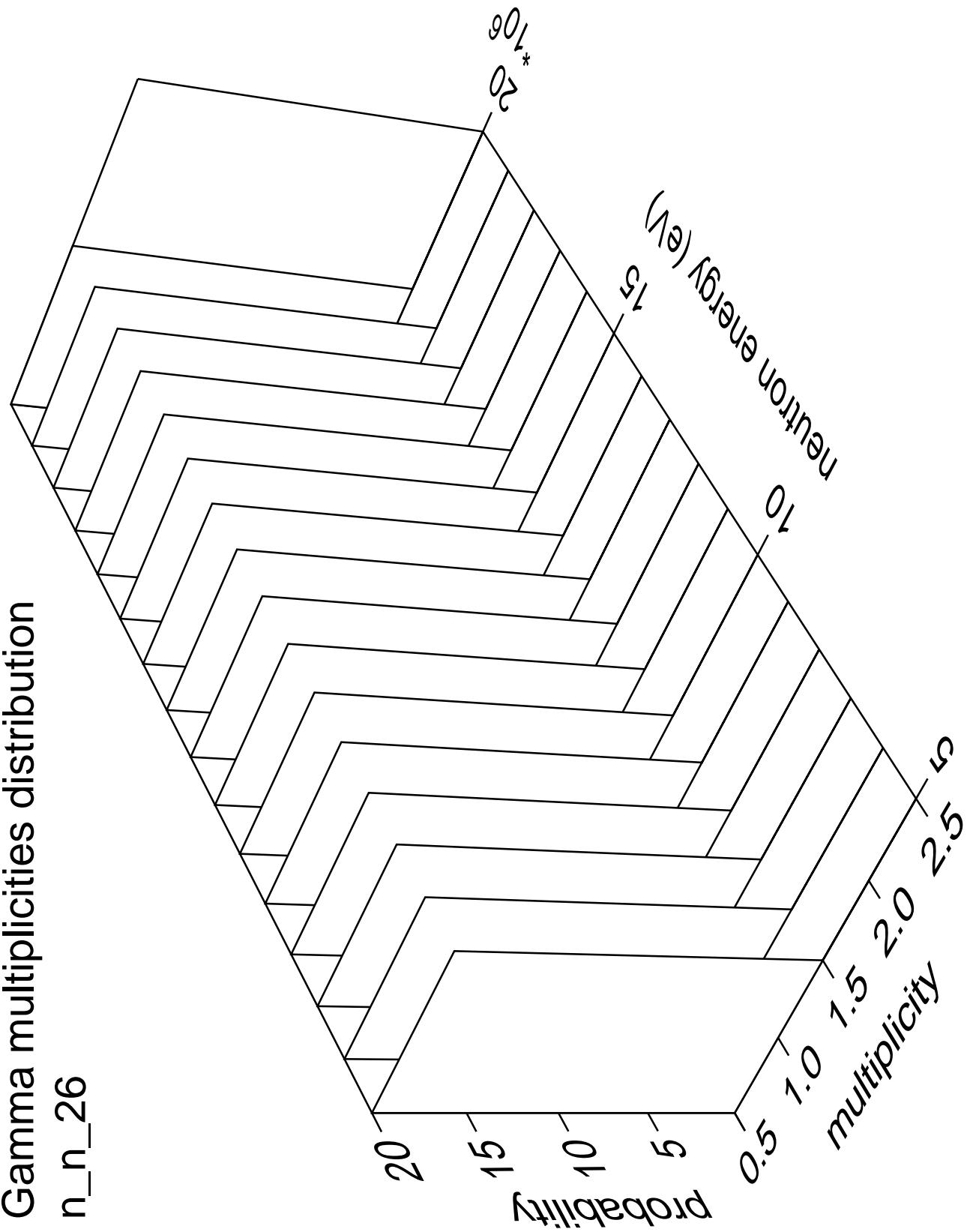


## Gamma angles distribution

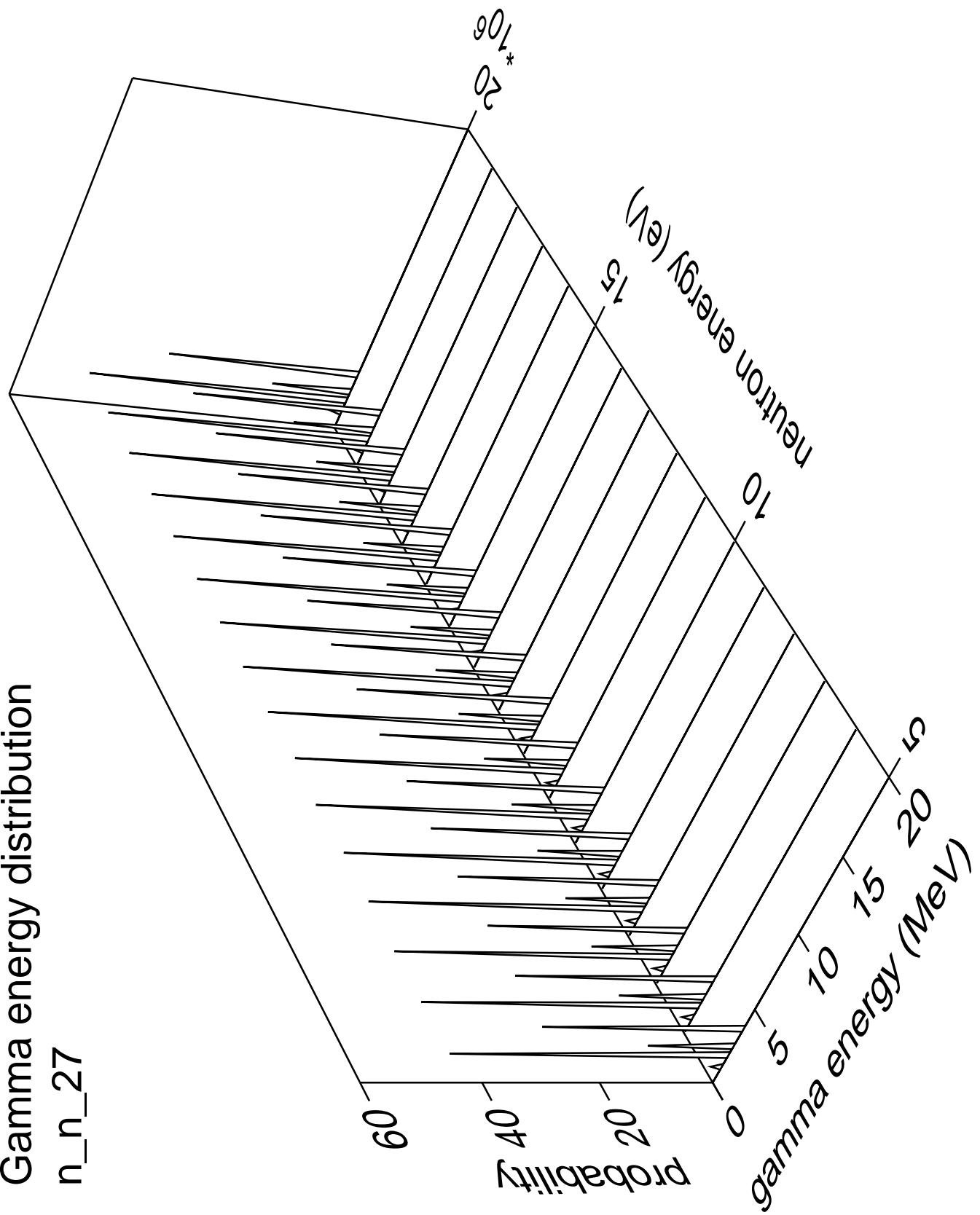
n\_n\_26



## Gamma multiplicities distribution

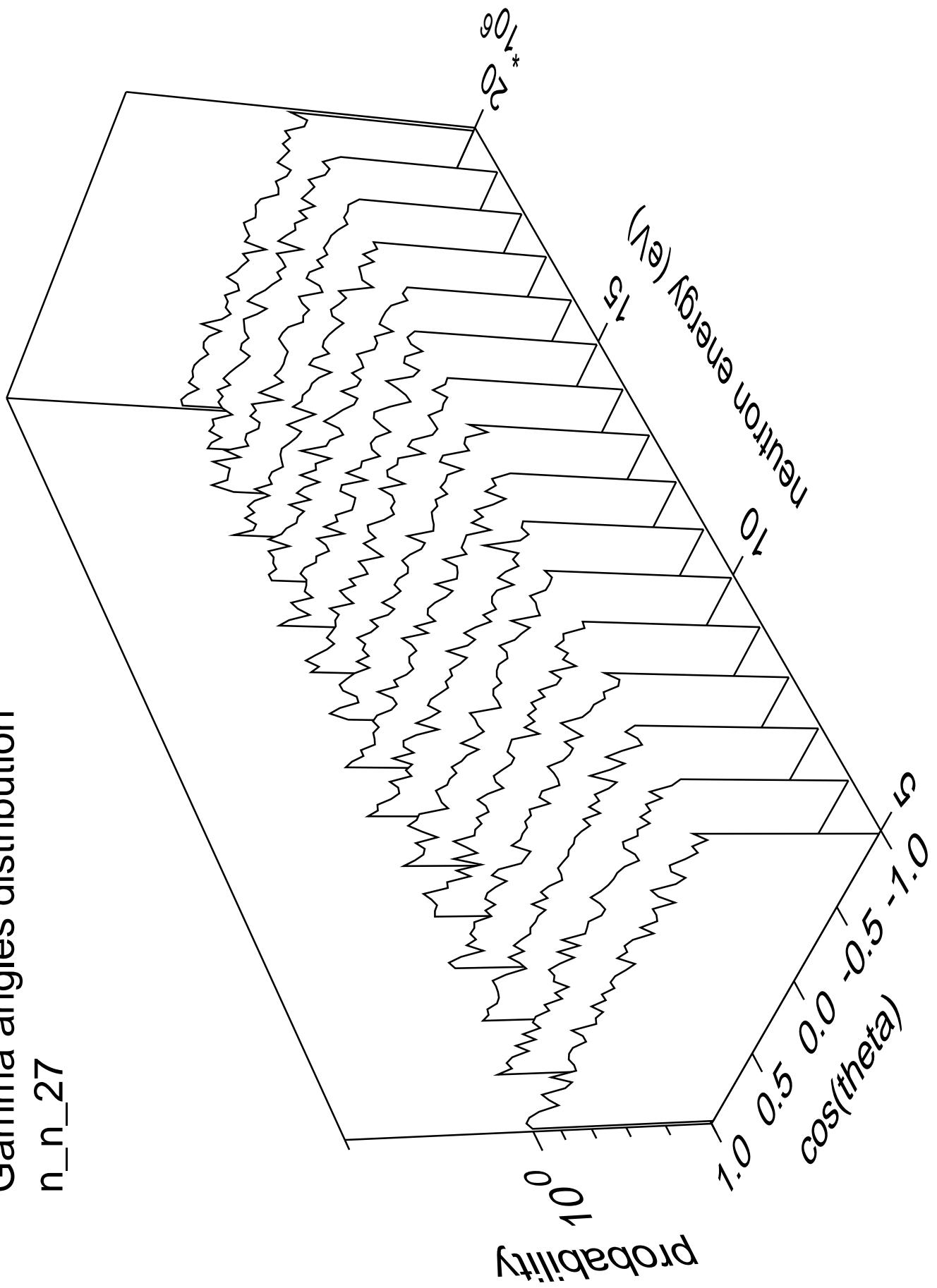


# Gamma energy distribution

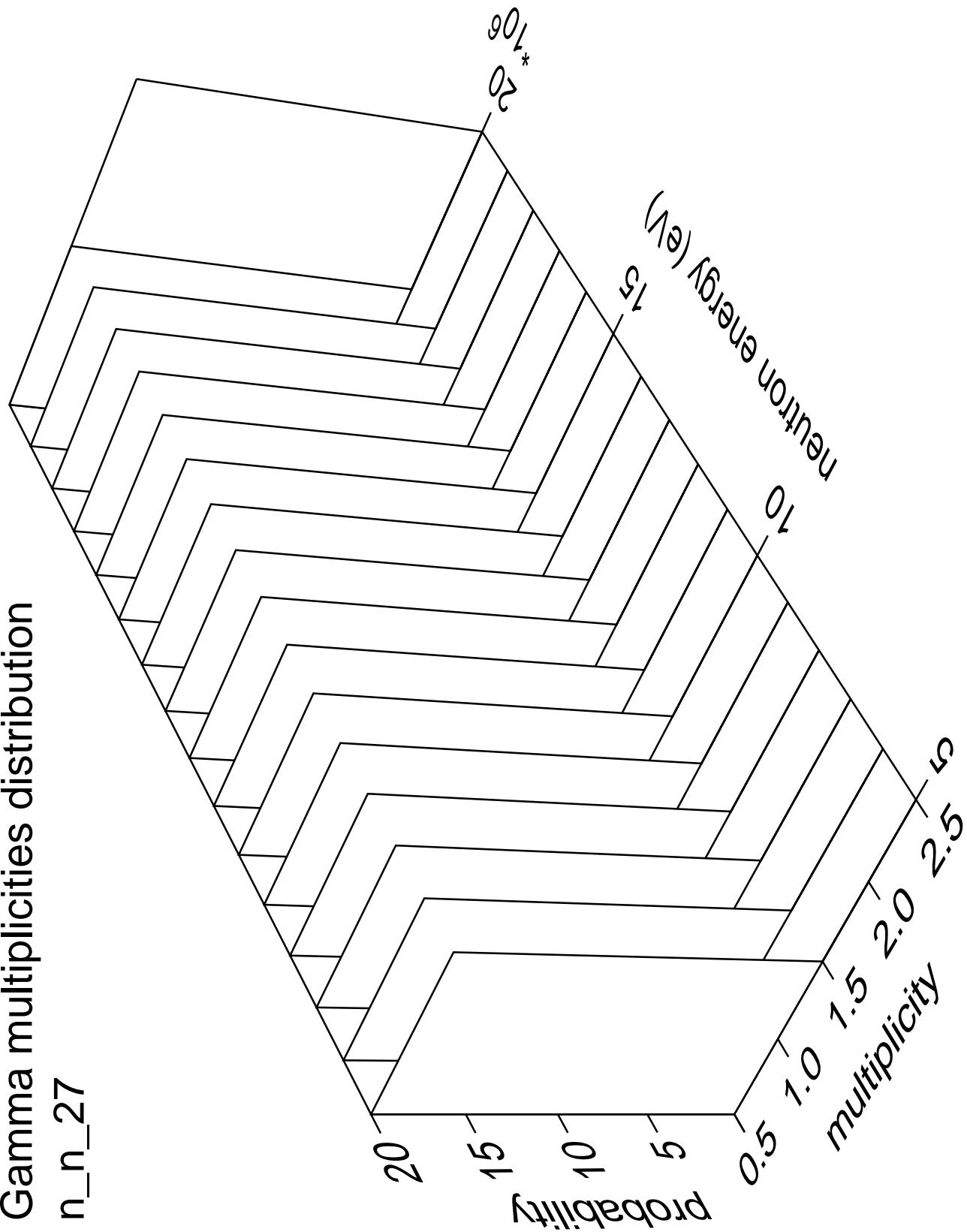


Gamma angles distribution

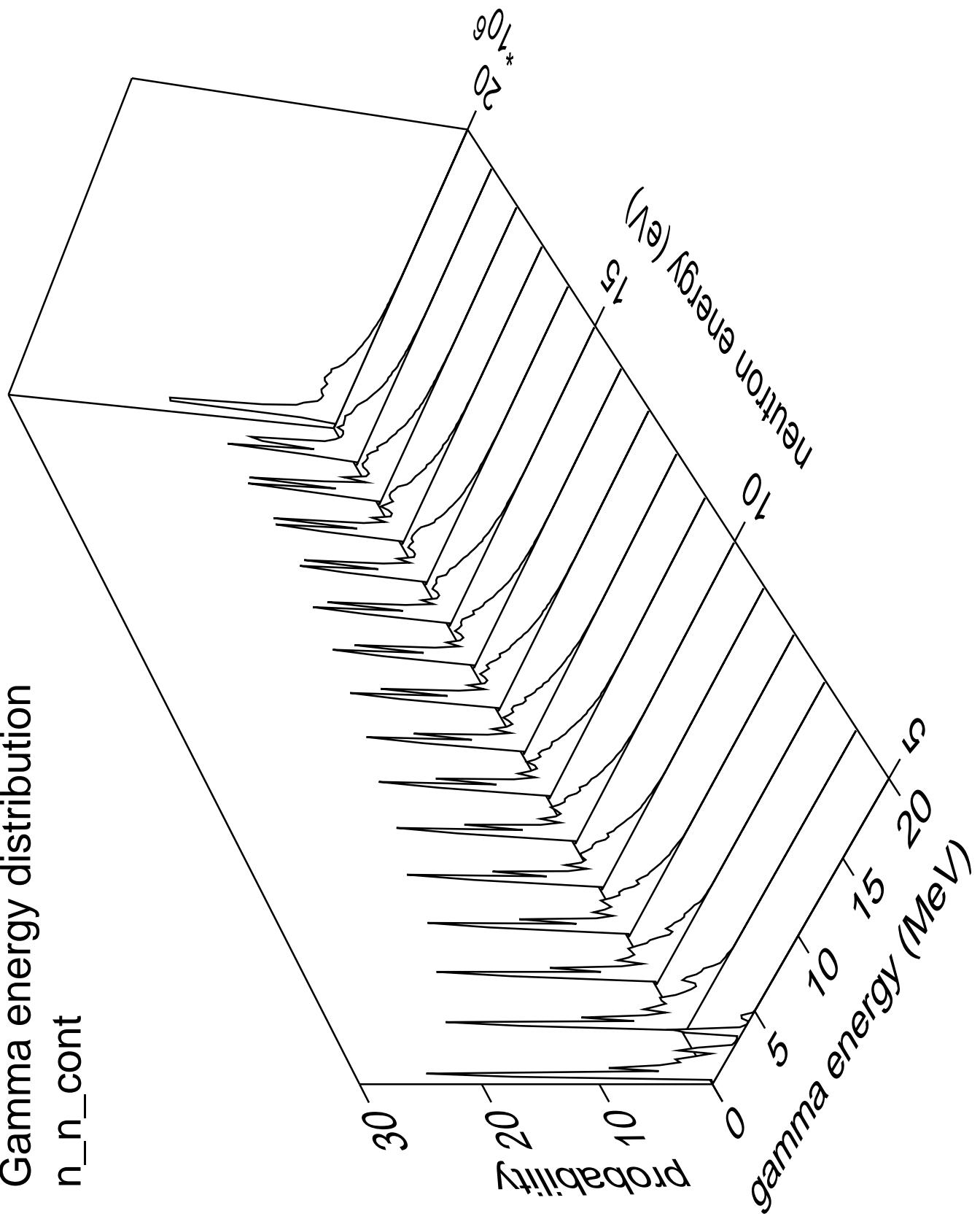
n\_n\_27



# Gamma multiplicities distribution n\_n\_27

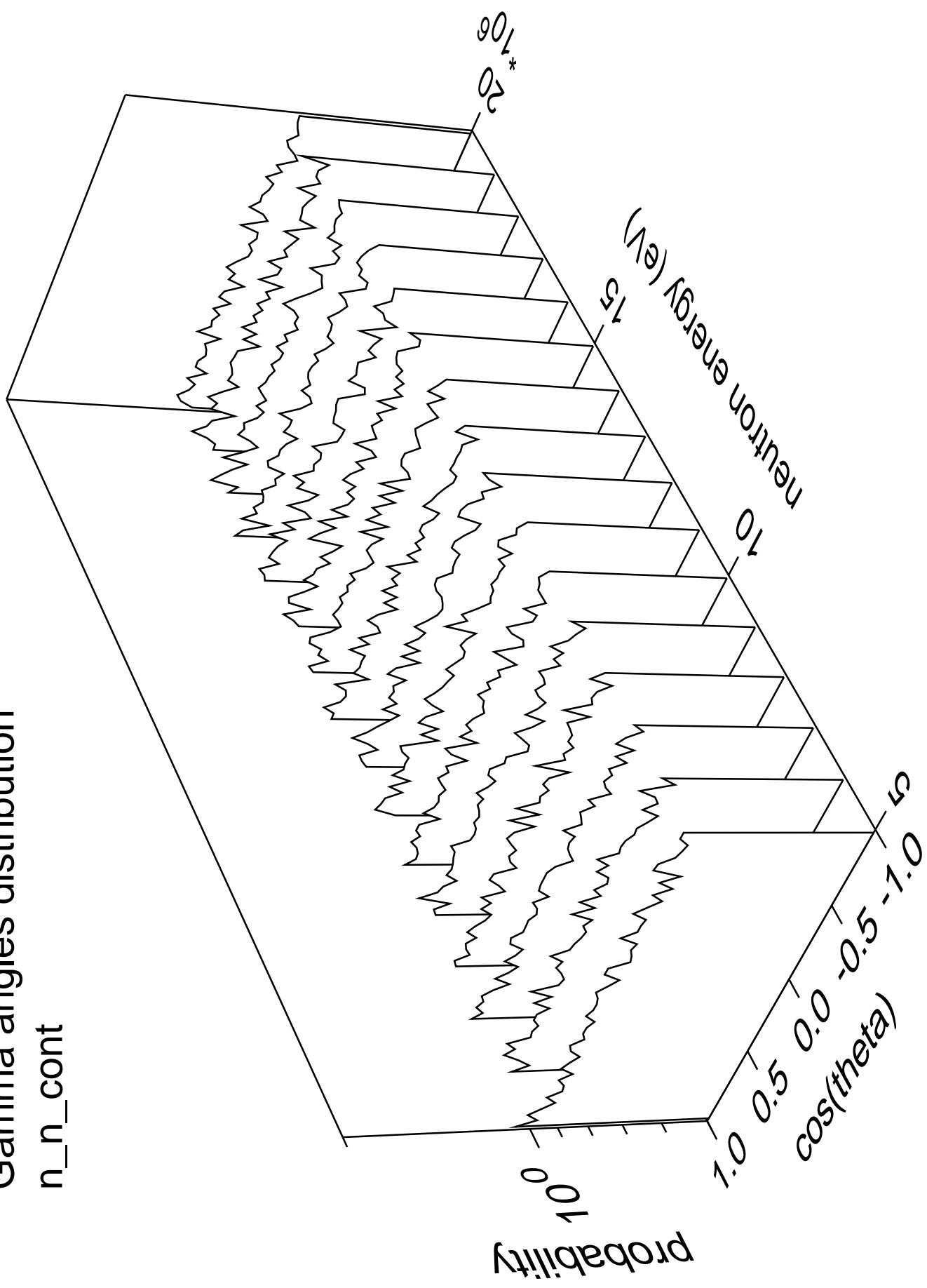


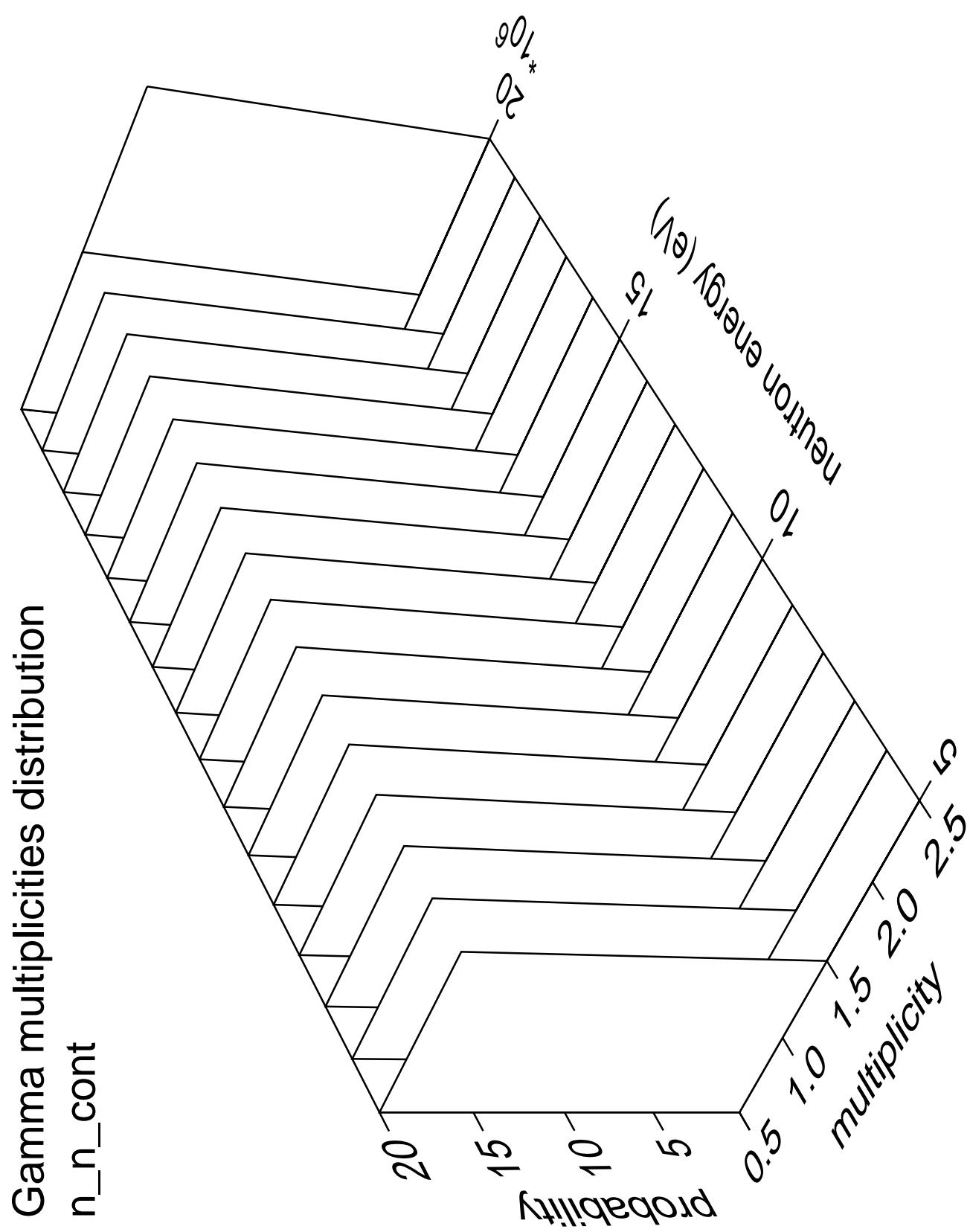
Gamma energy distribution  
n\_n\_cont

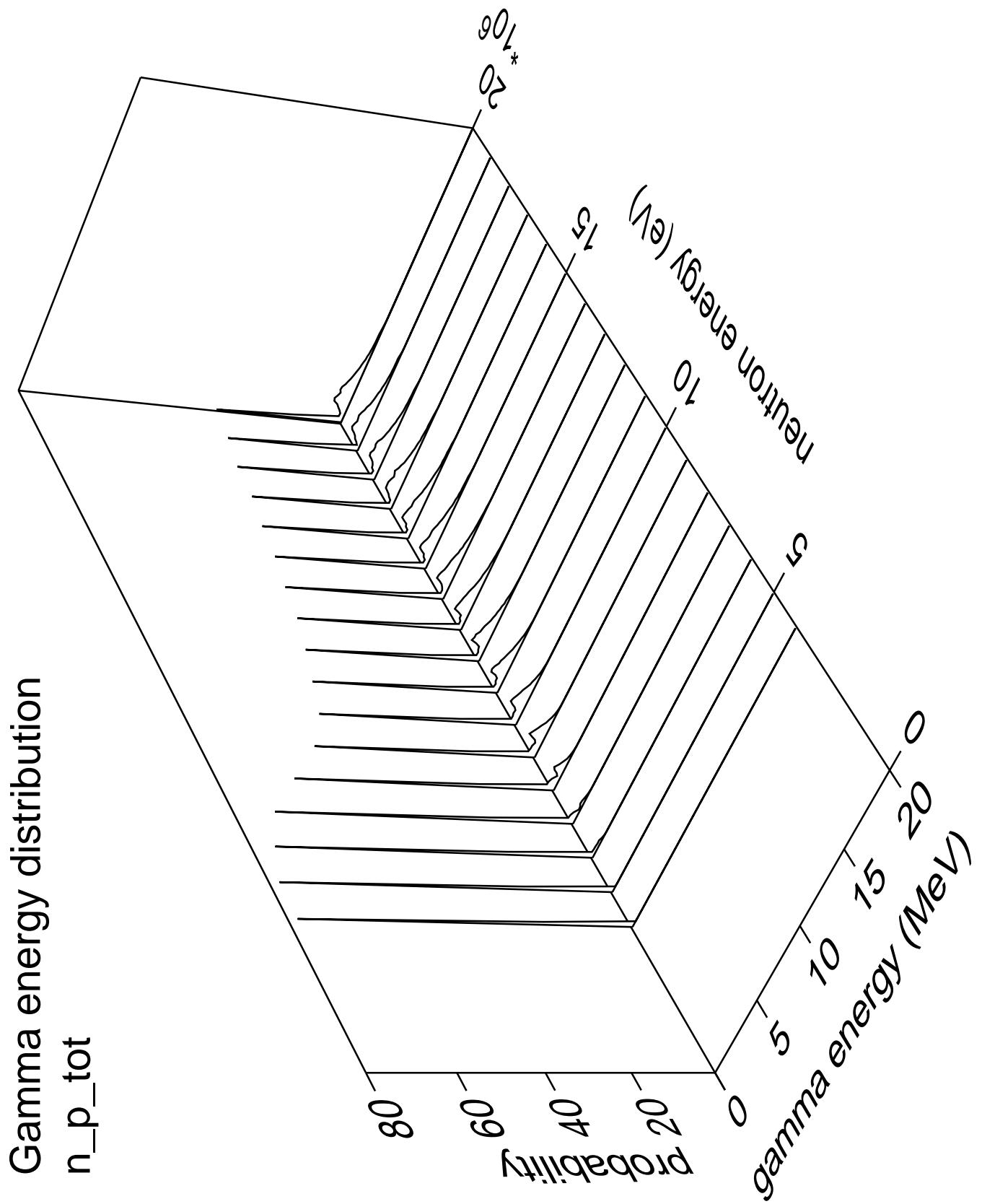


Gamma angles distribution

n\_n\_cont







Gamma angles distribution

$n_p_{tot}$

Probability

$10^0$

$10^{-1}$

$\vdots$

$1.0$

$0.5$

$0.0$

$-0.5$

$-1.0$

$\cos(\theta)$

neutron energy (eV)

$10^6$

$10^5$

$10^4$

$10^3$

$10^2$

$10^1$

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

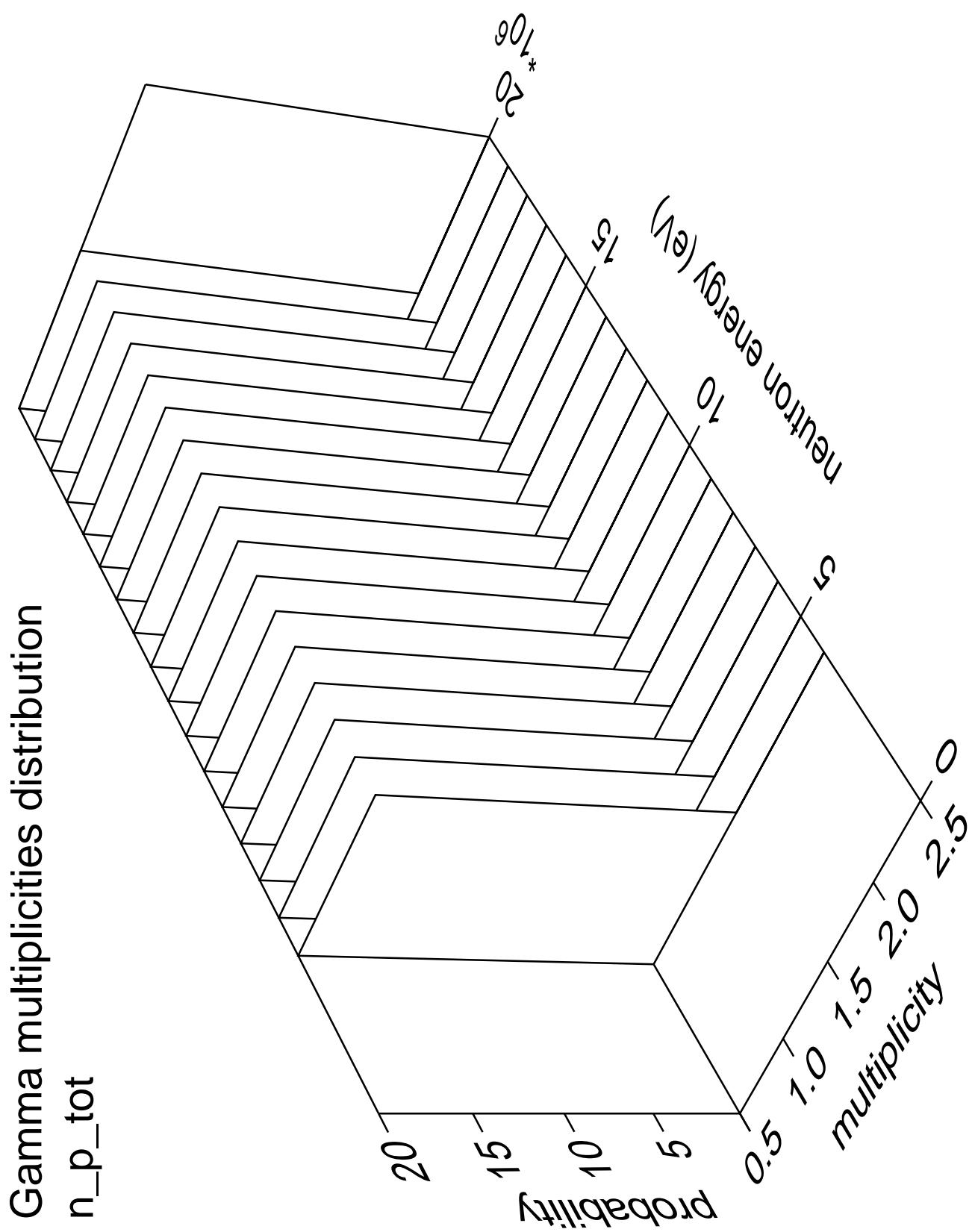
$10^{-5}$

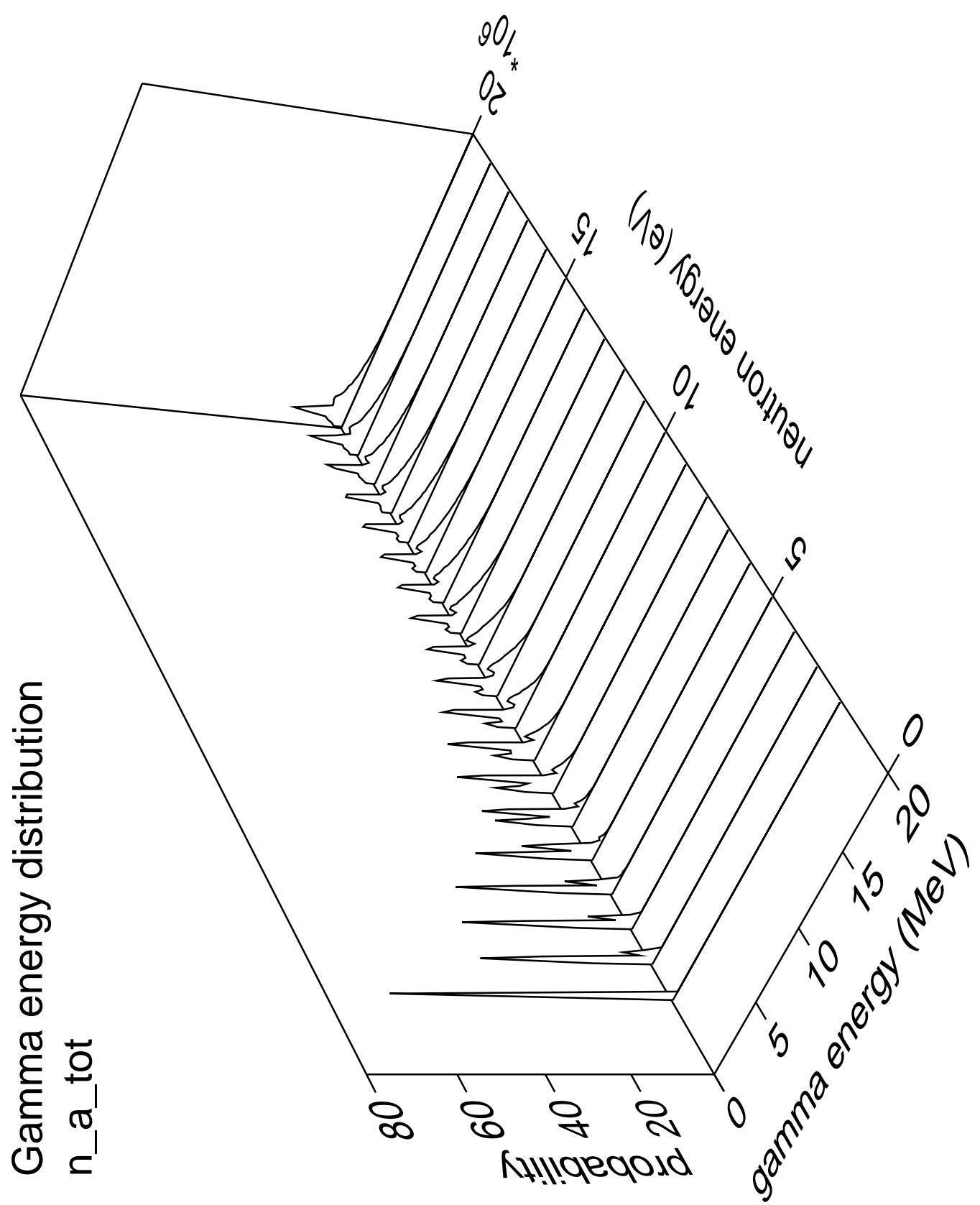
$10^{-6}$

$10^{-7}$

$10^{-8}$

$10^{-9}$





Gamma angles distribution

$n_a_{tot}$

