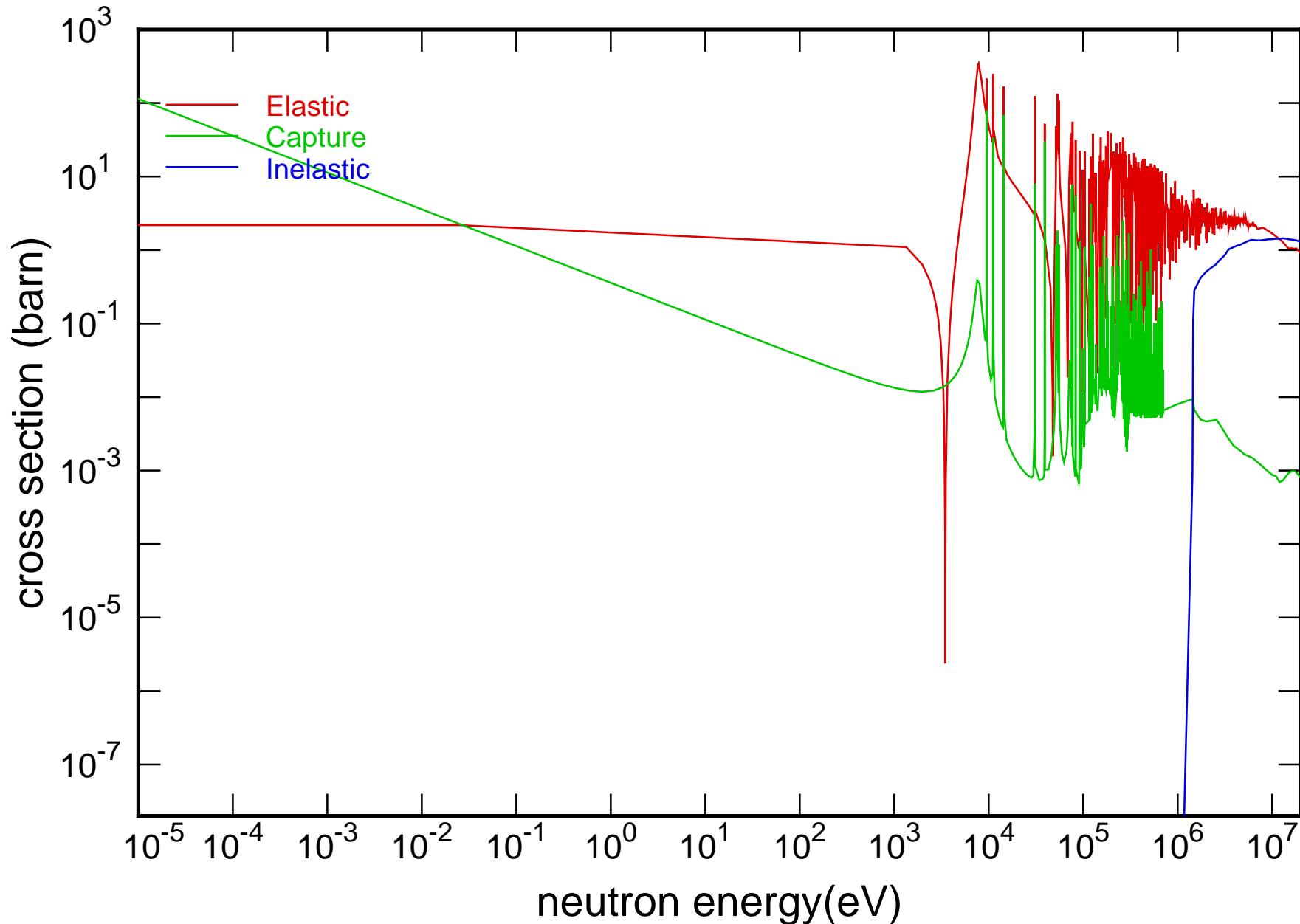
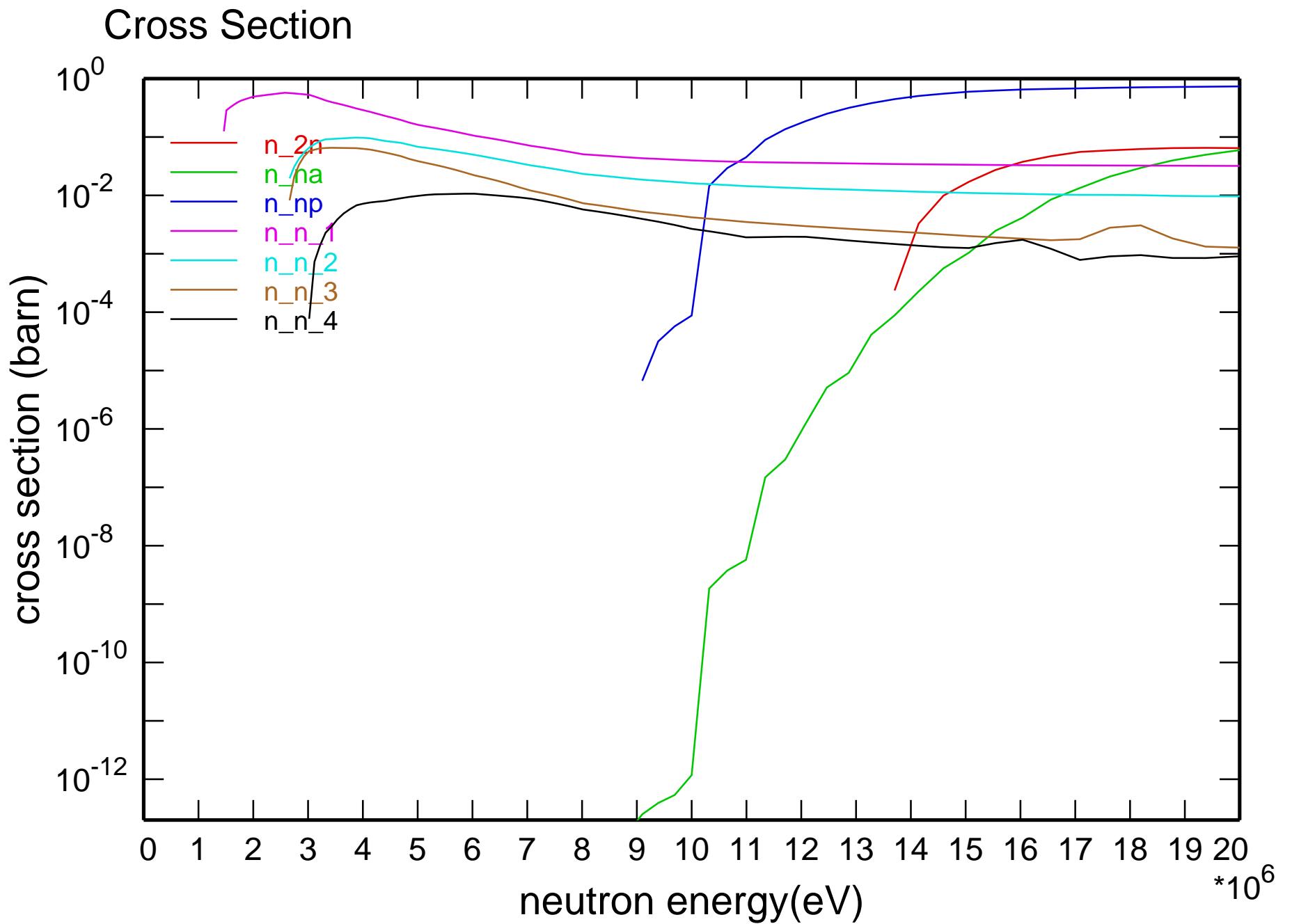
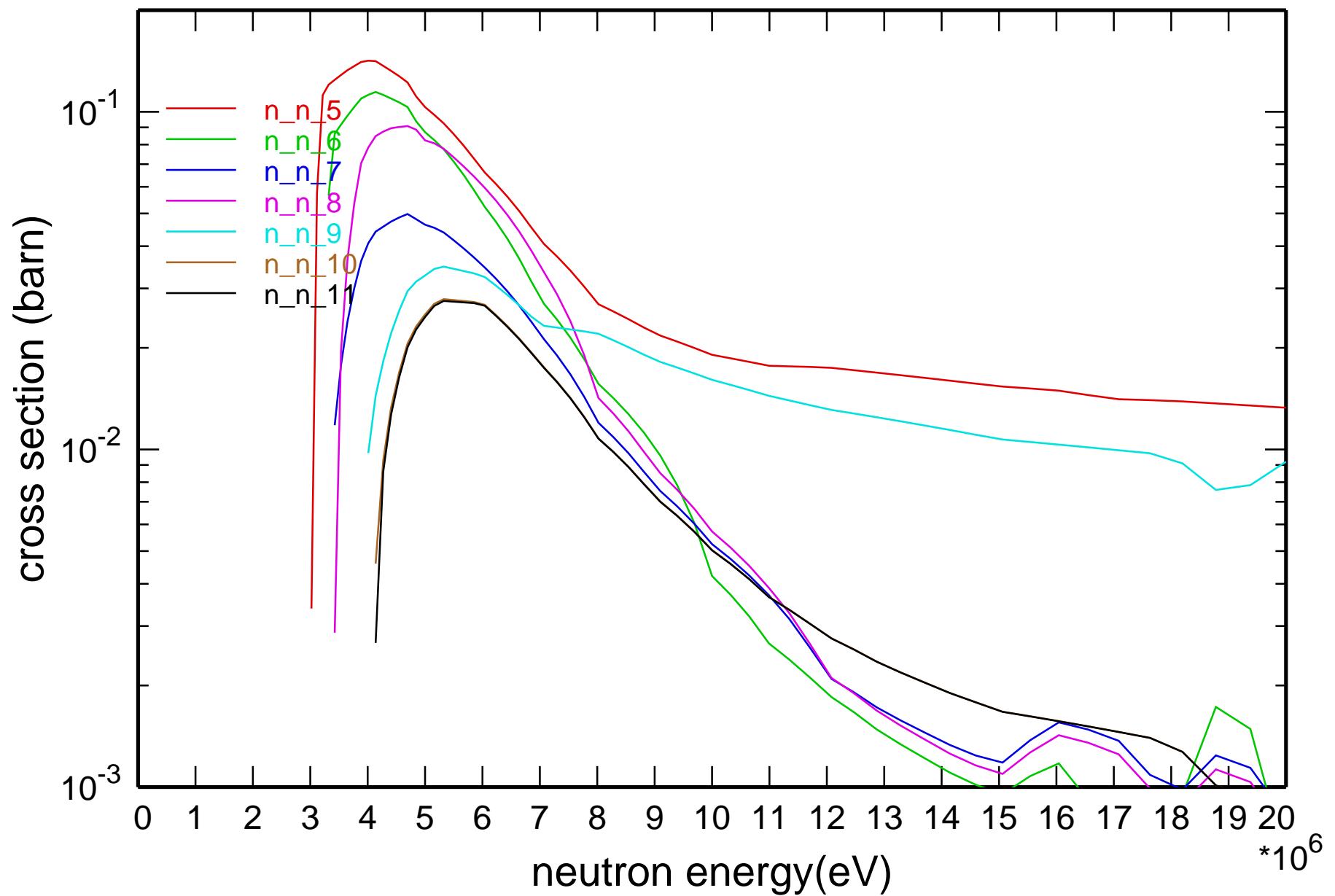


## Main Cross Sections

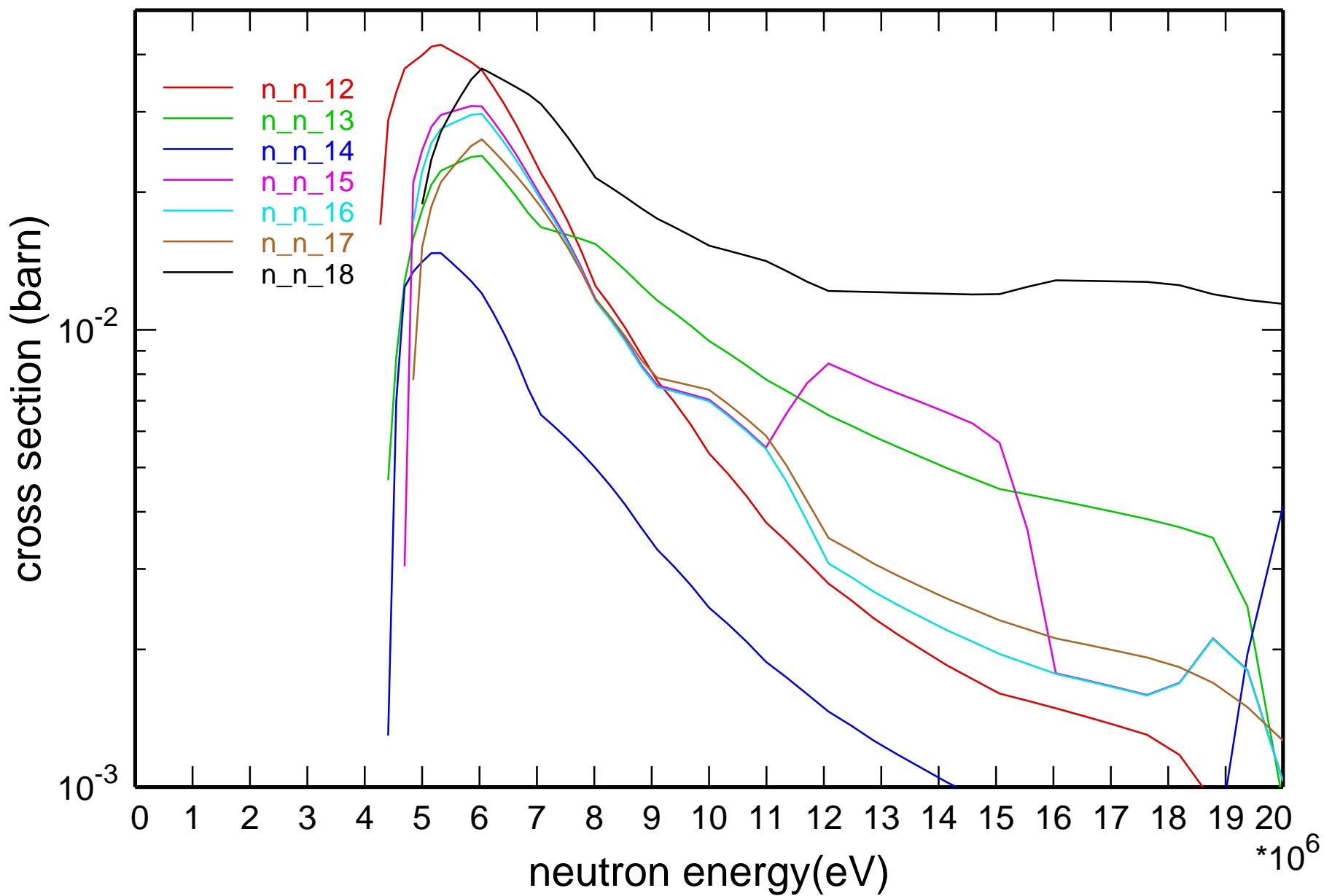




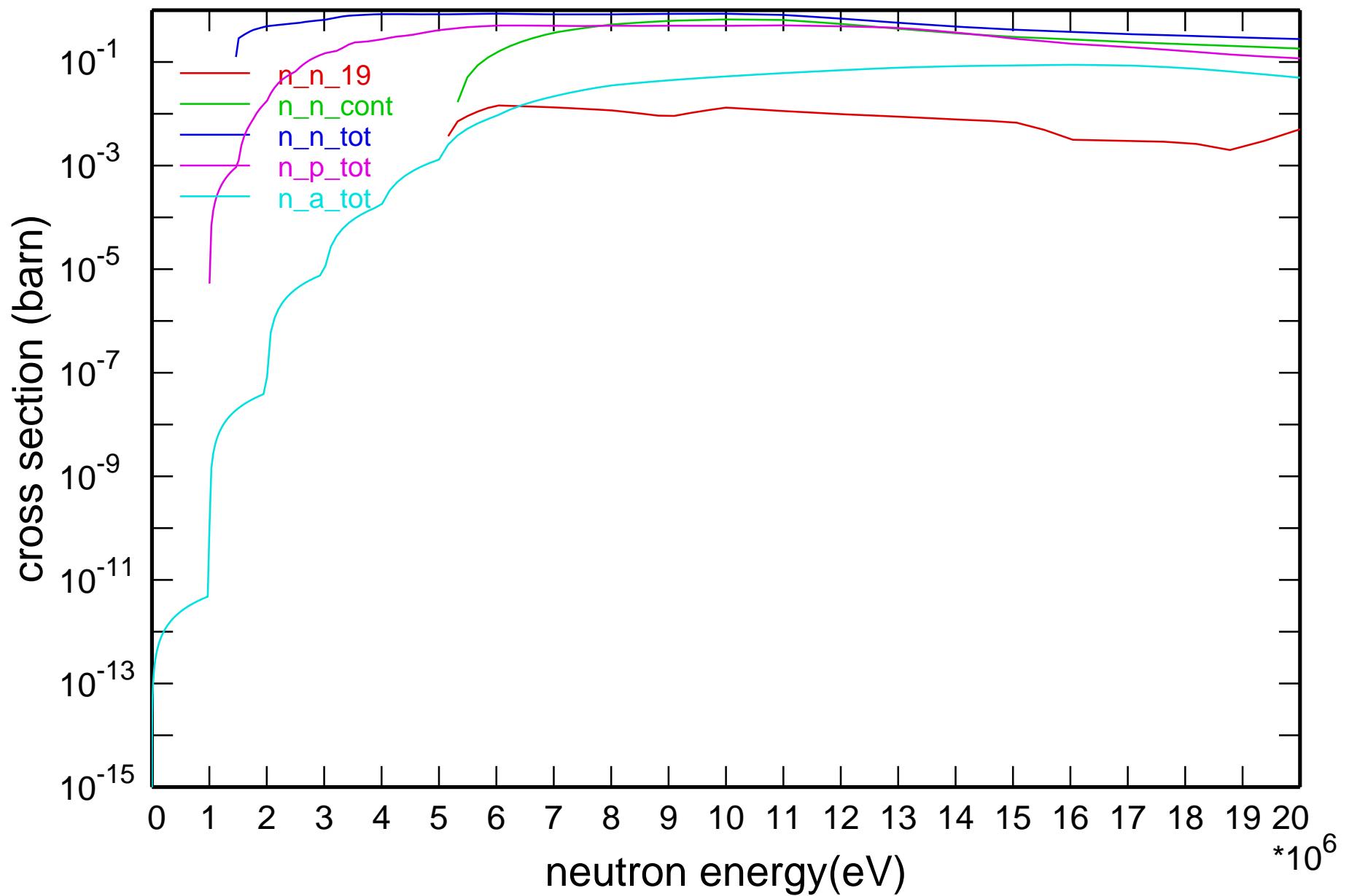
# Cross Section

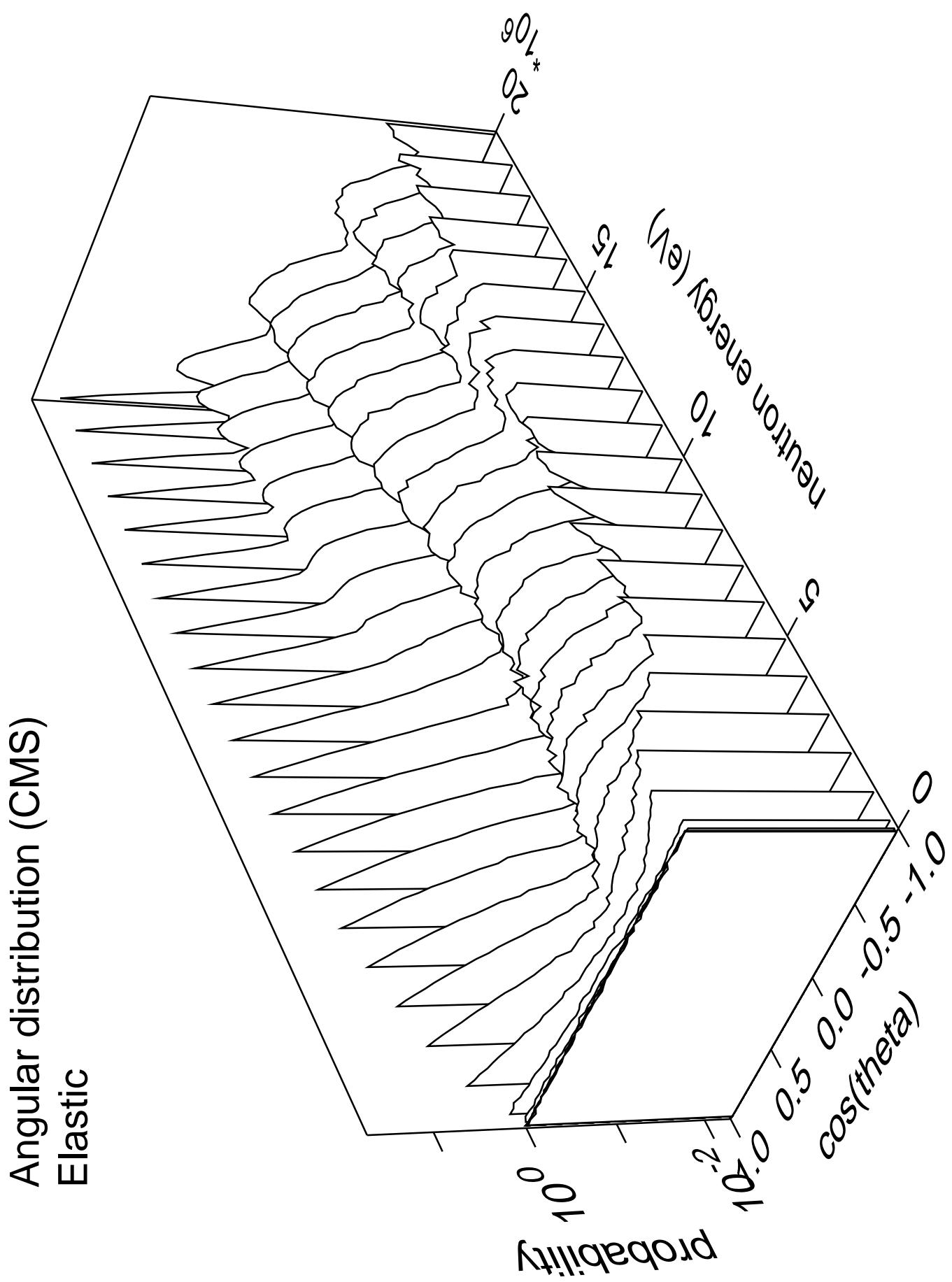


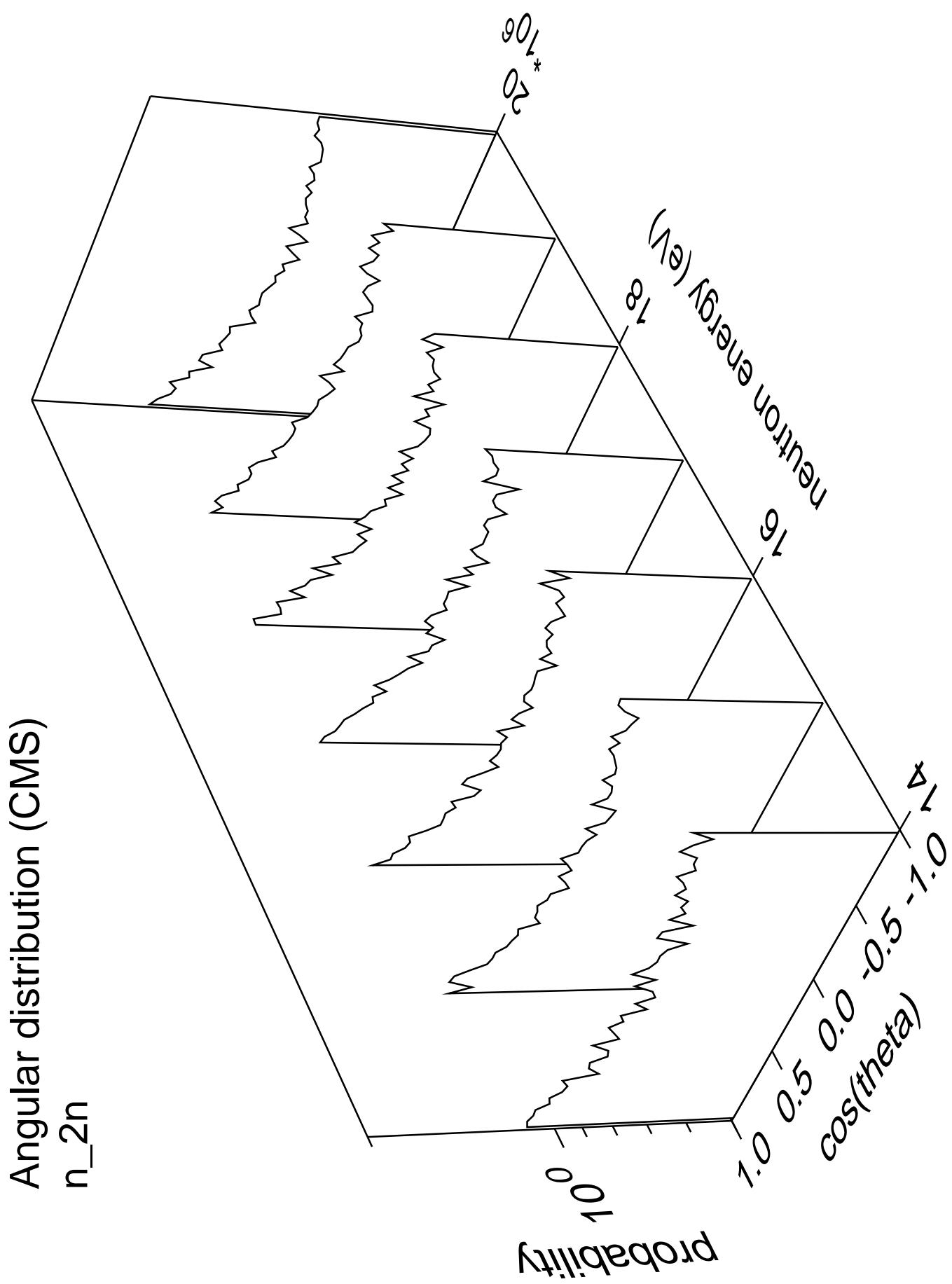
# Cross Section

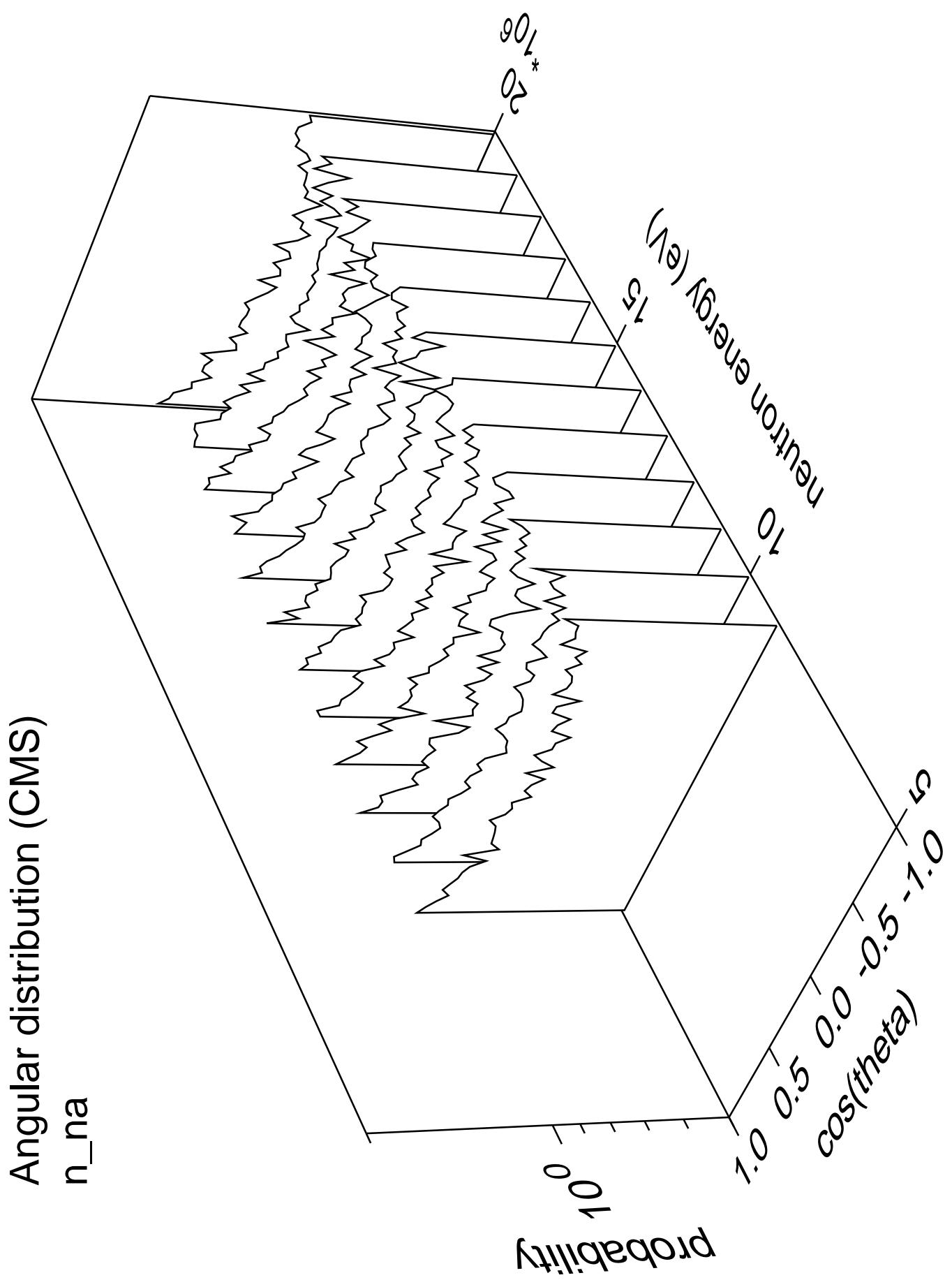


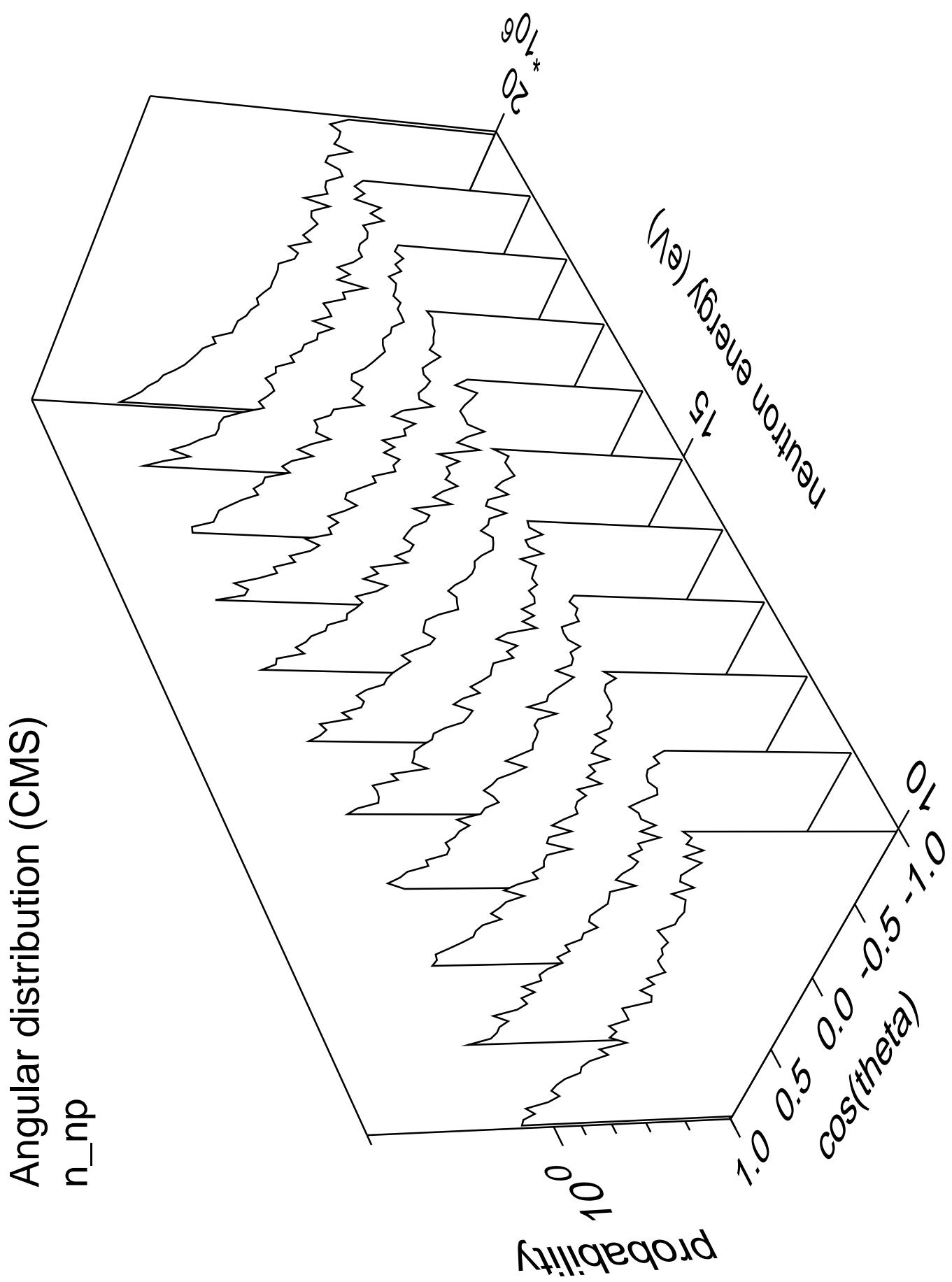
# Cross Section

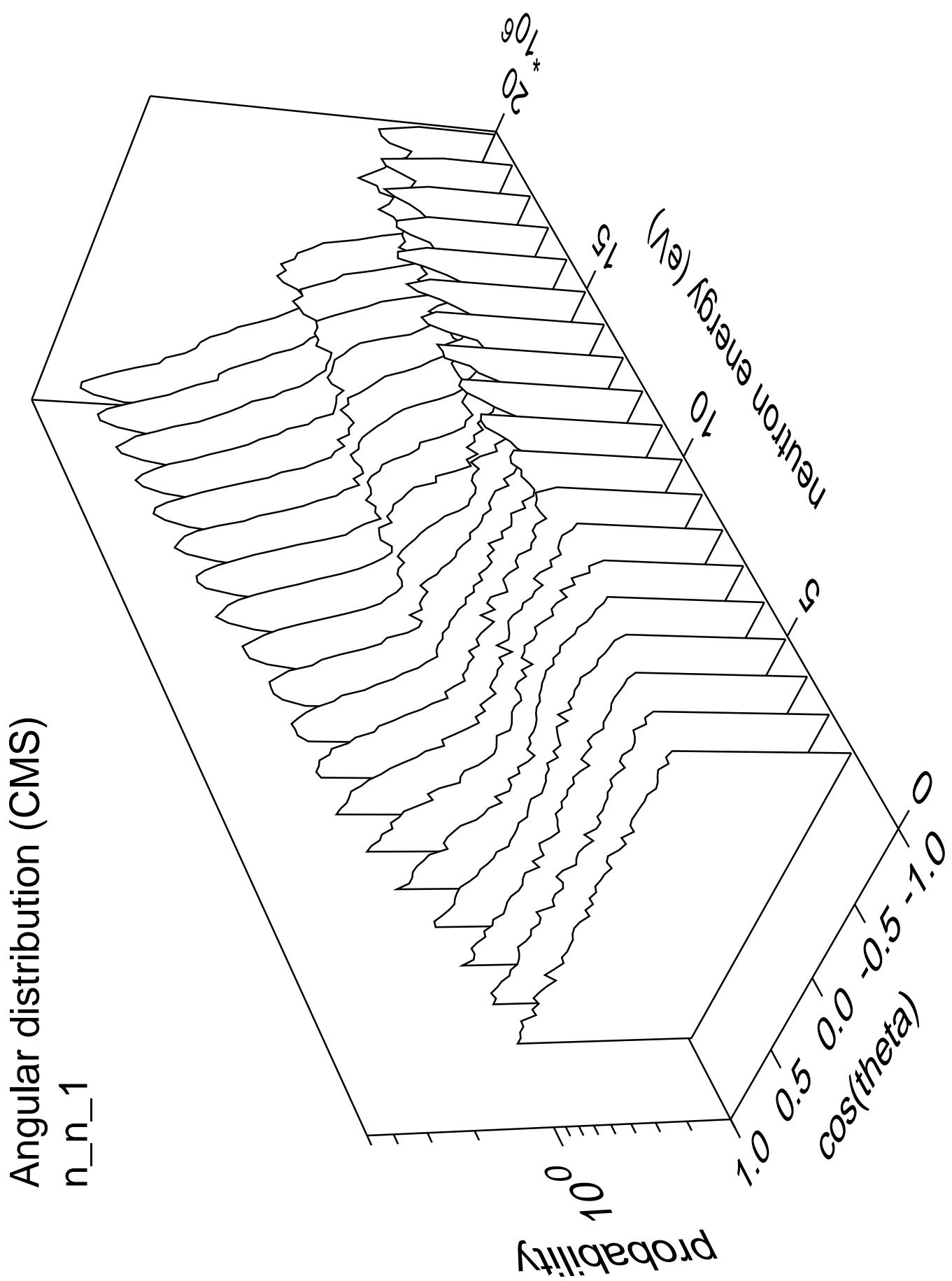


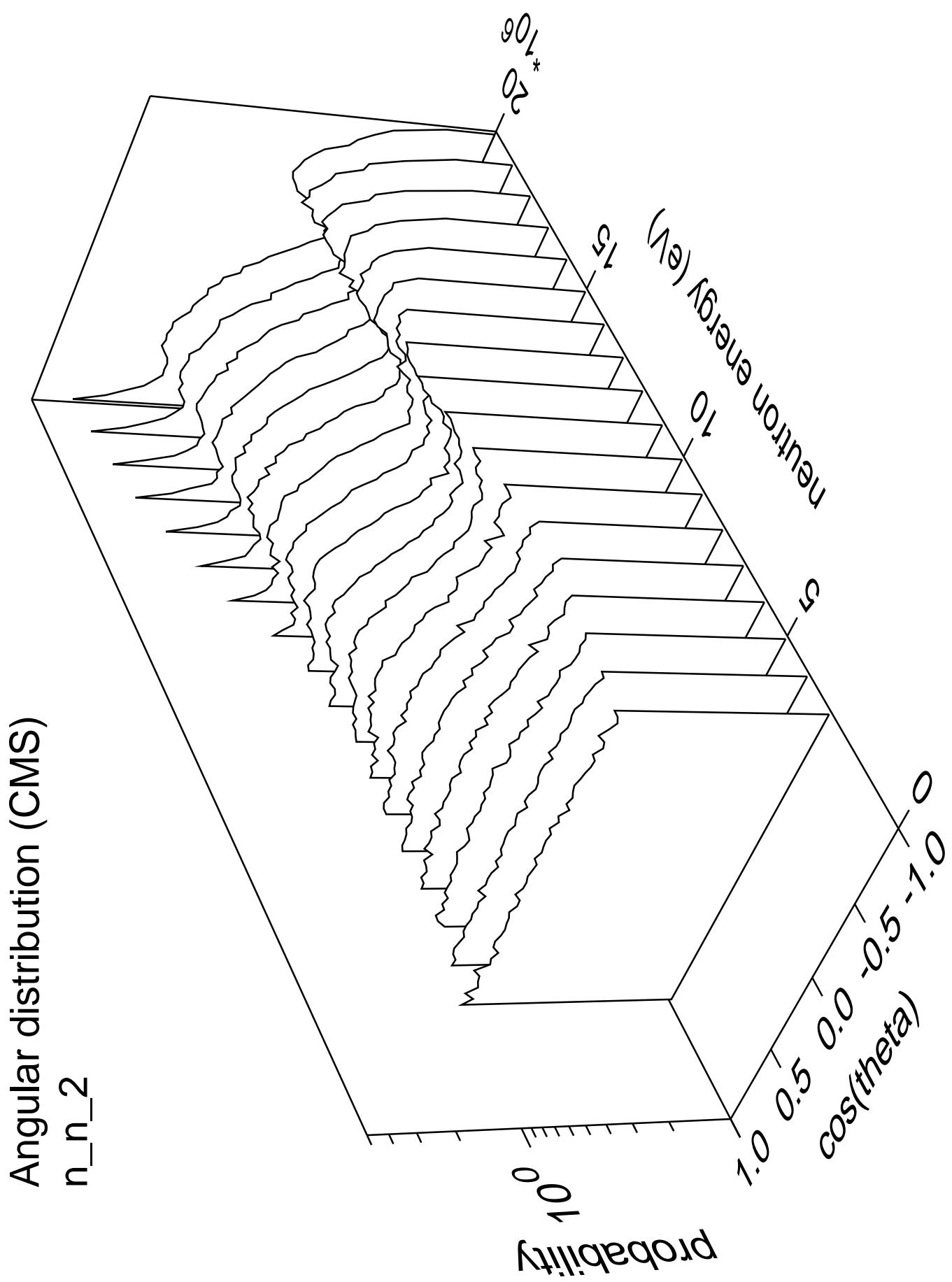


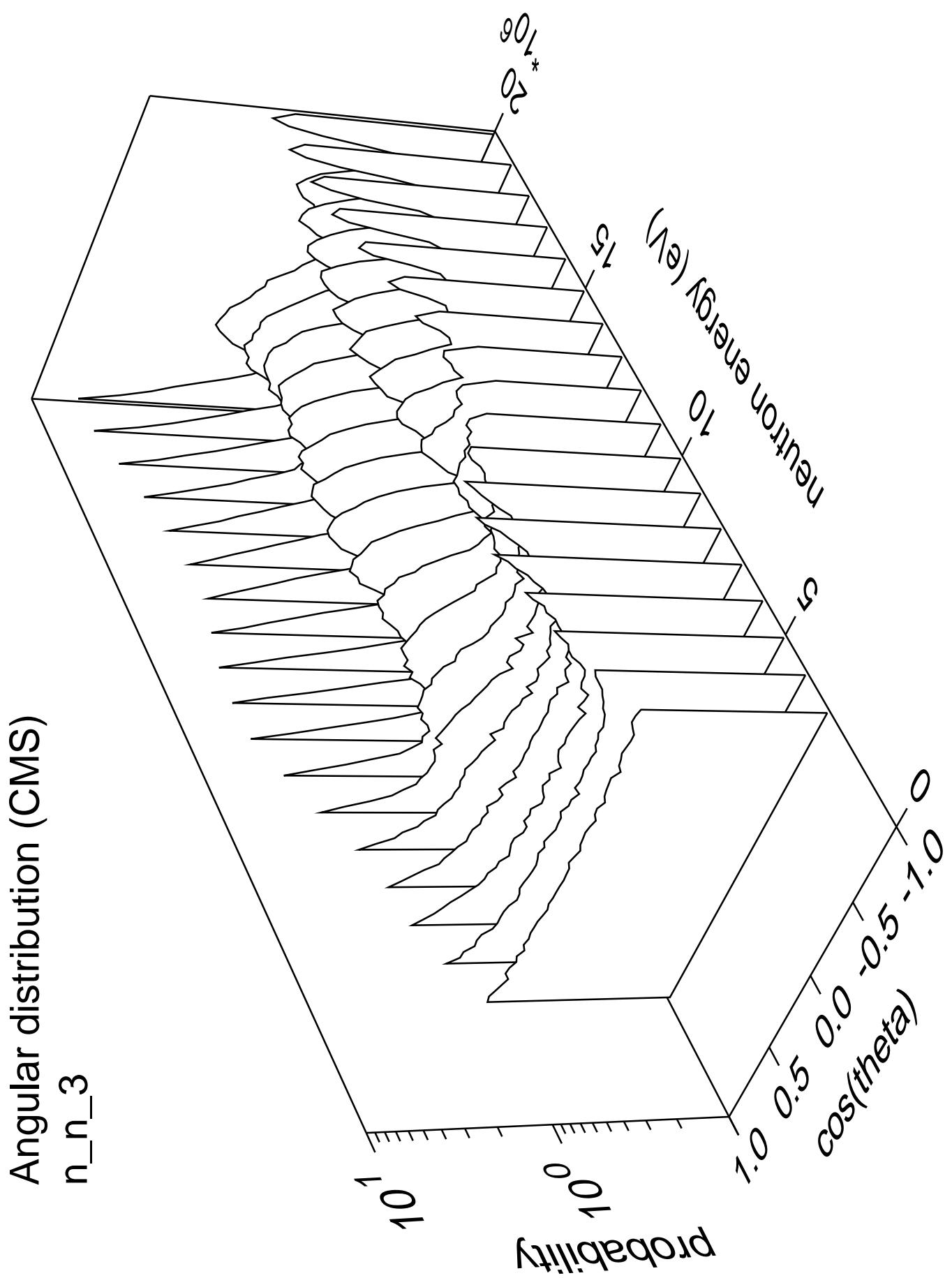


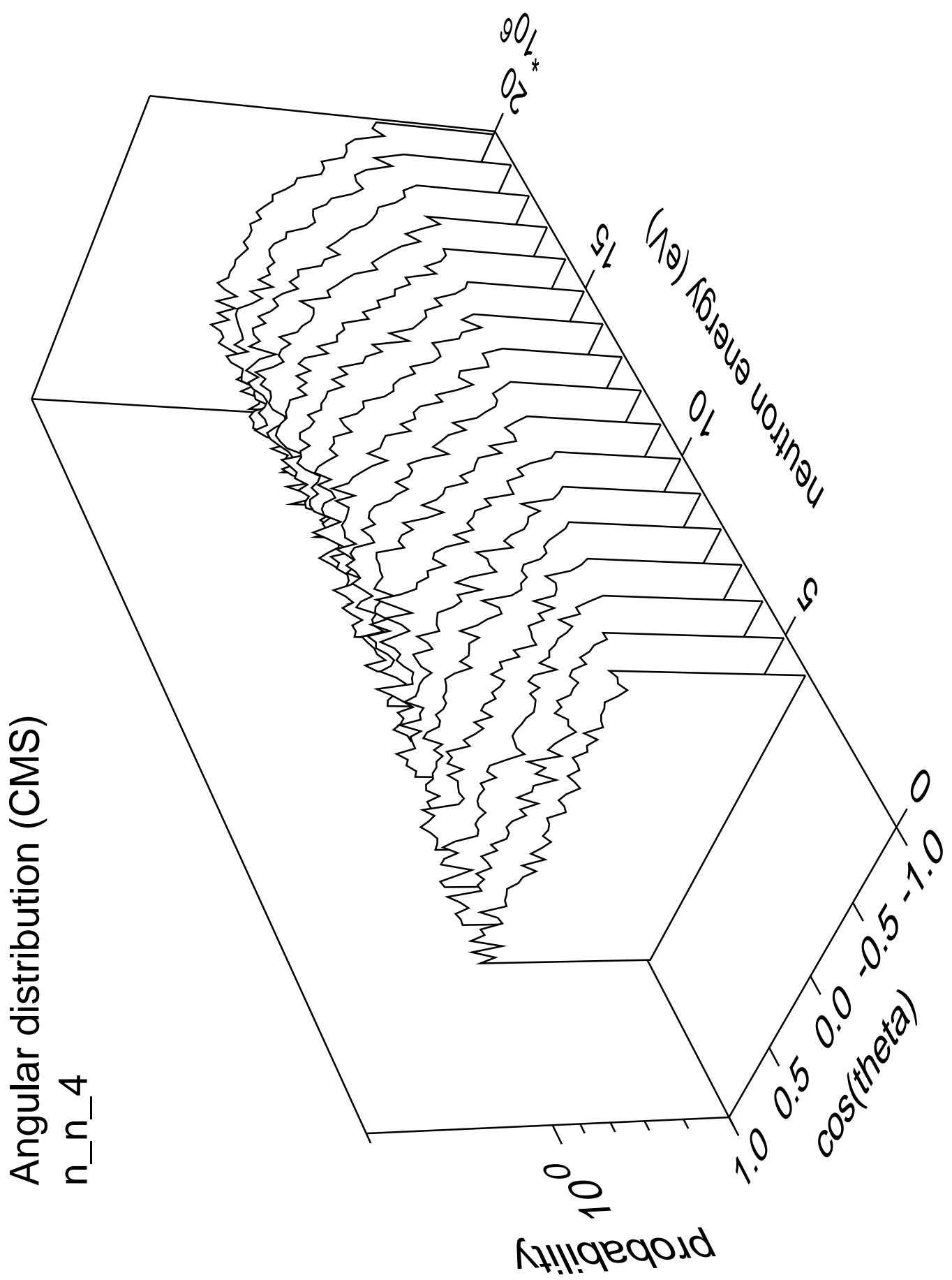


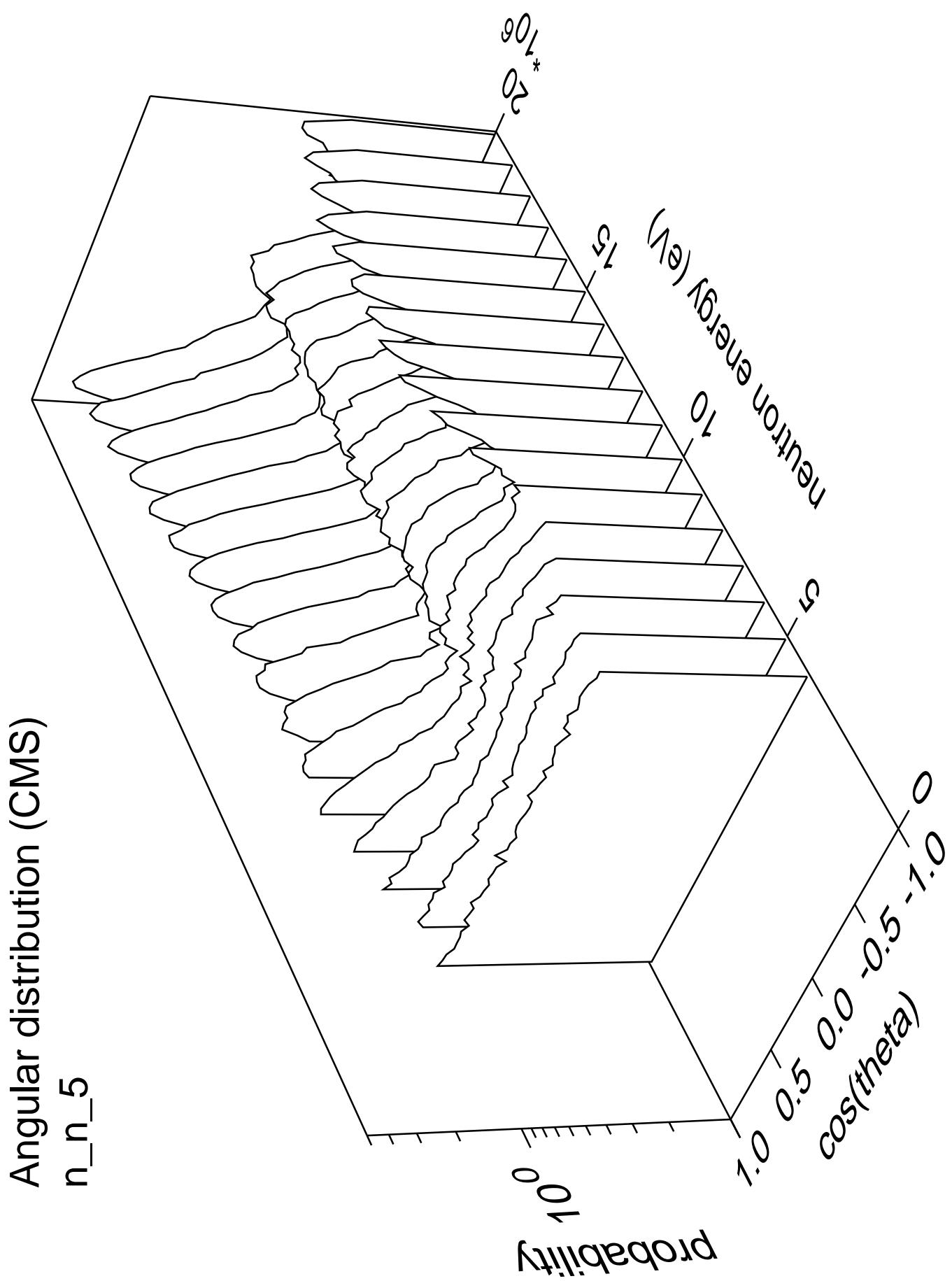


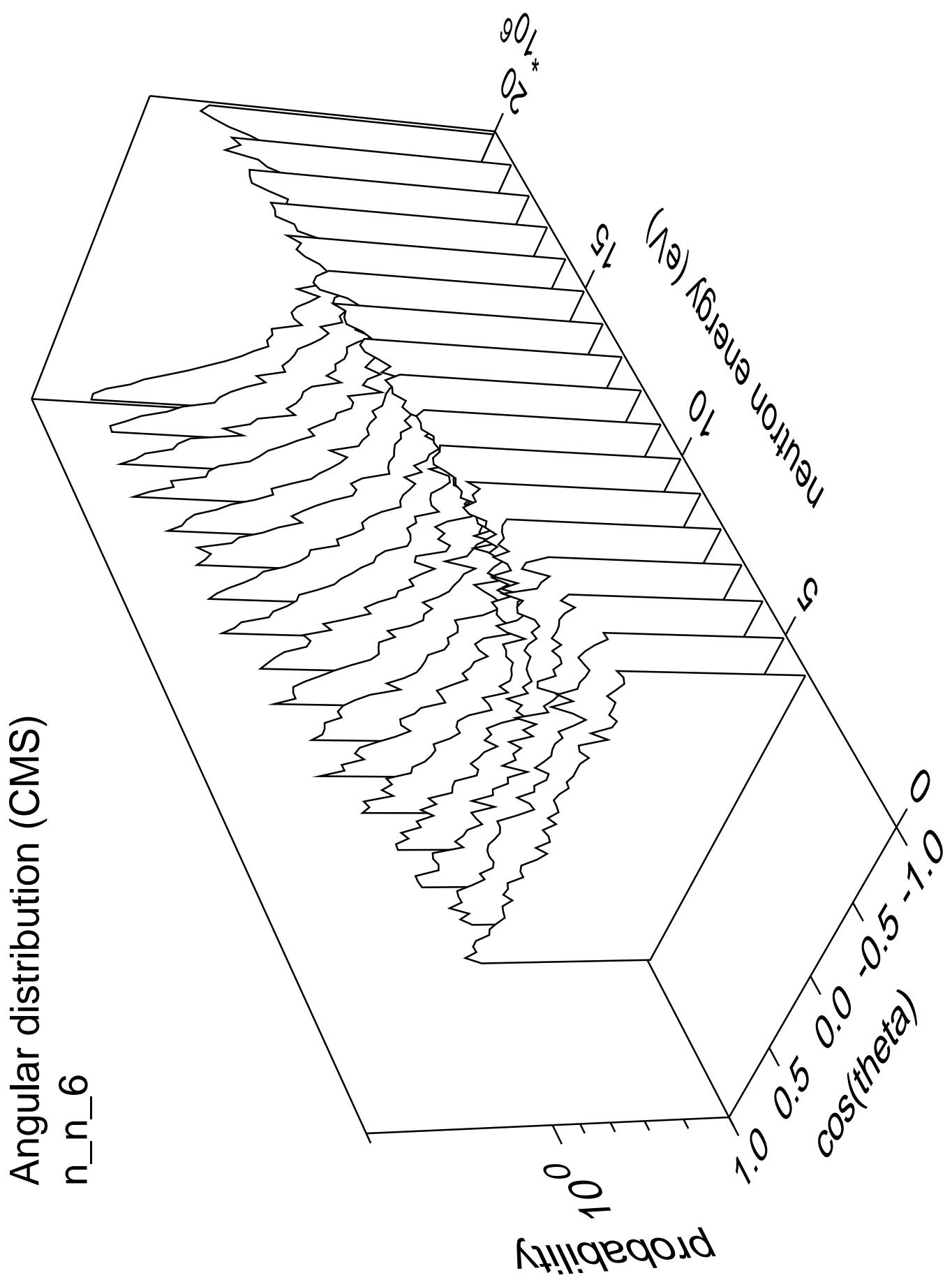


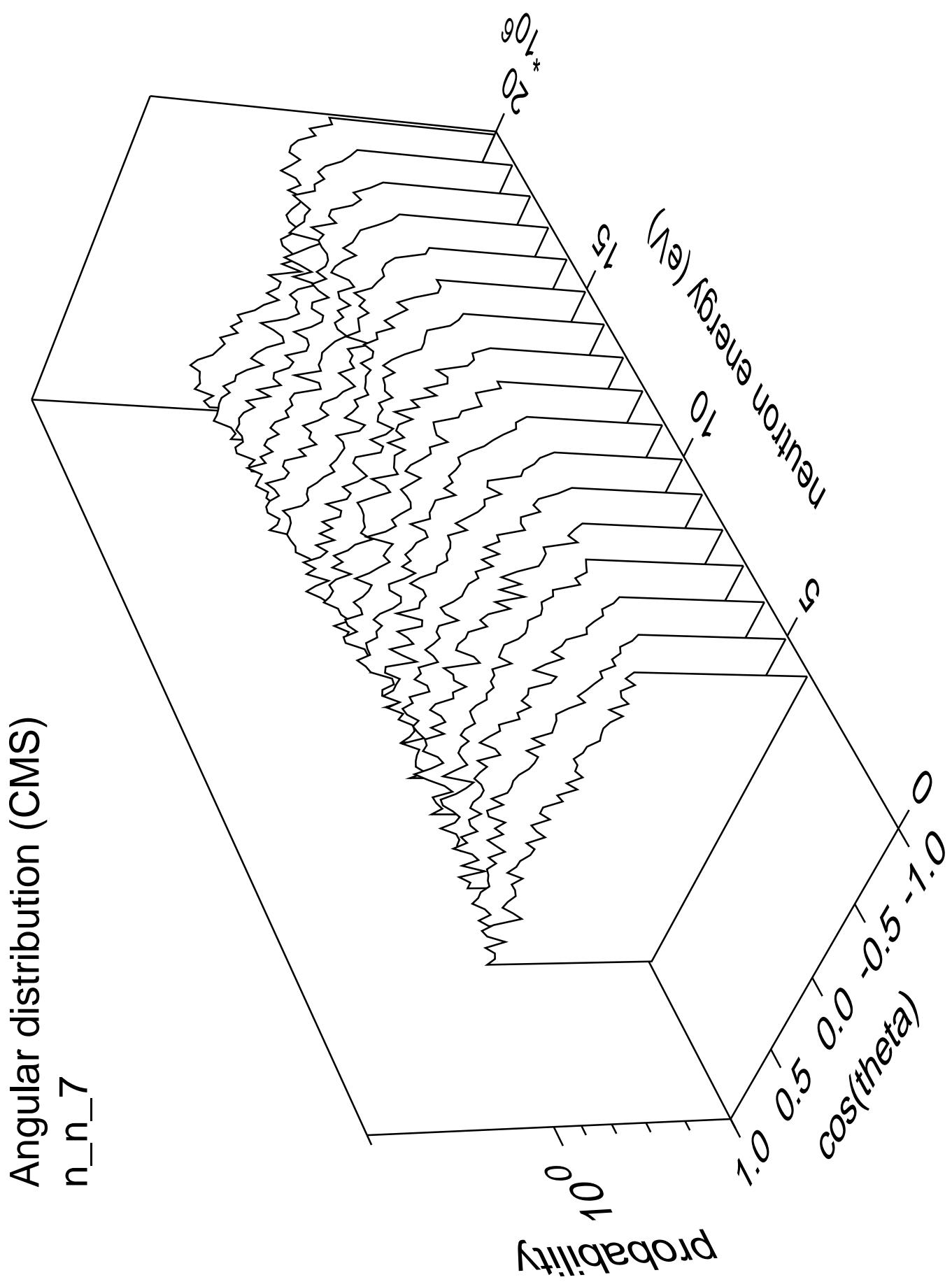


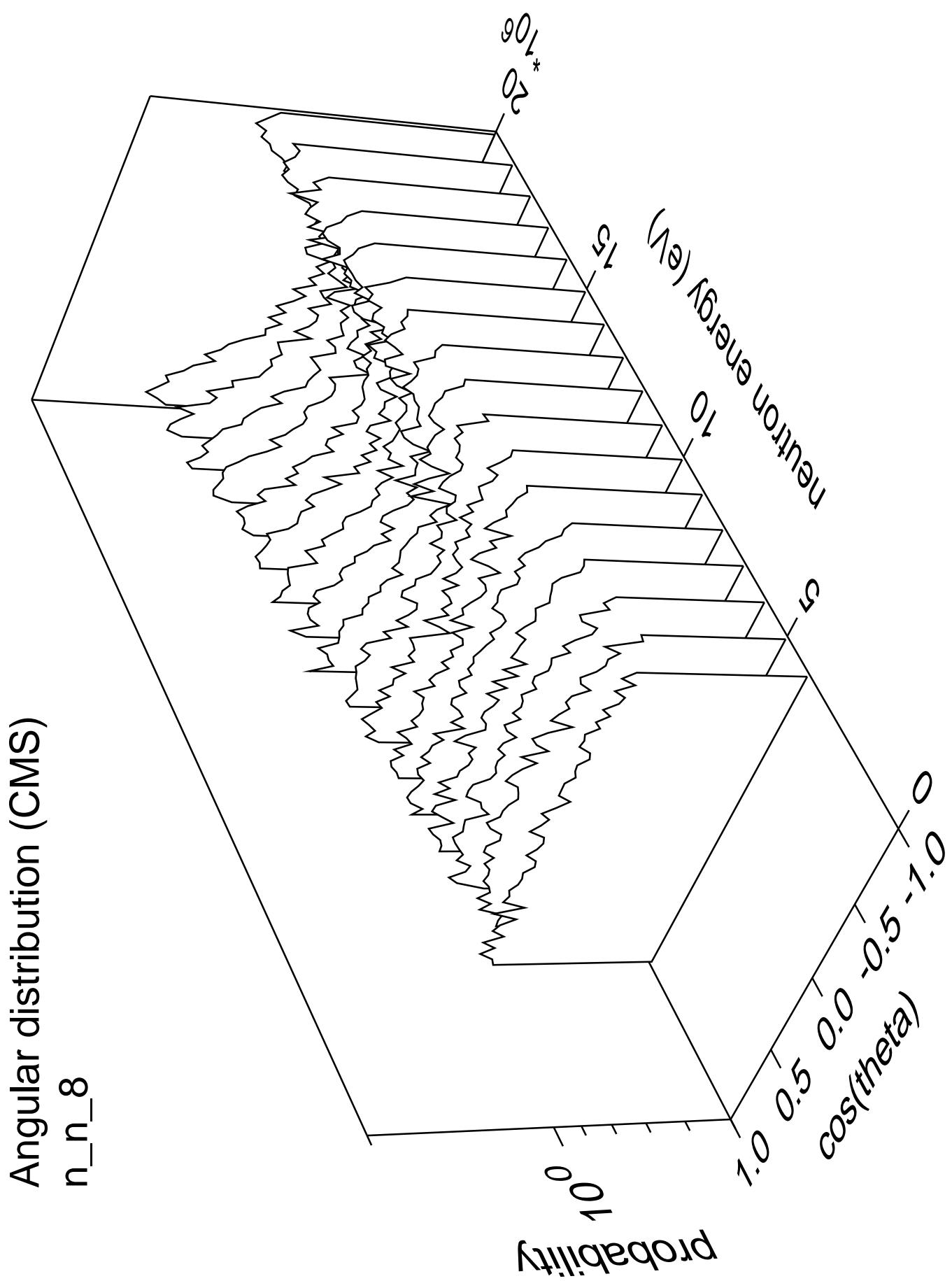


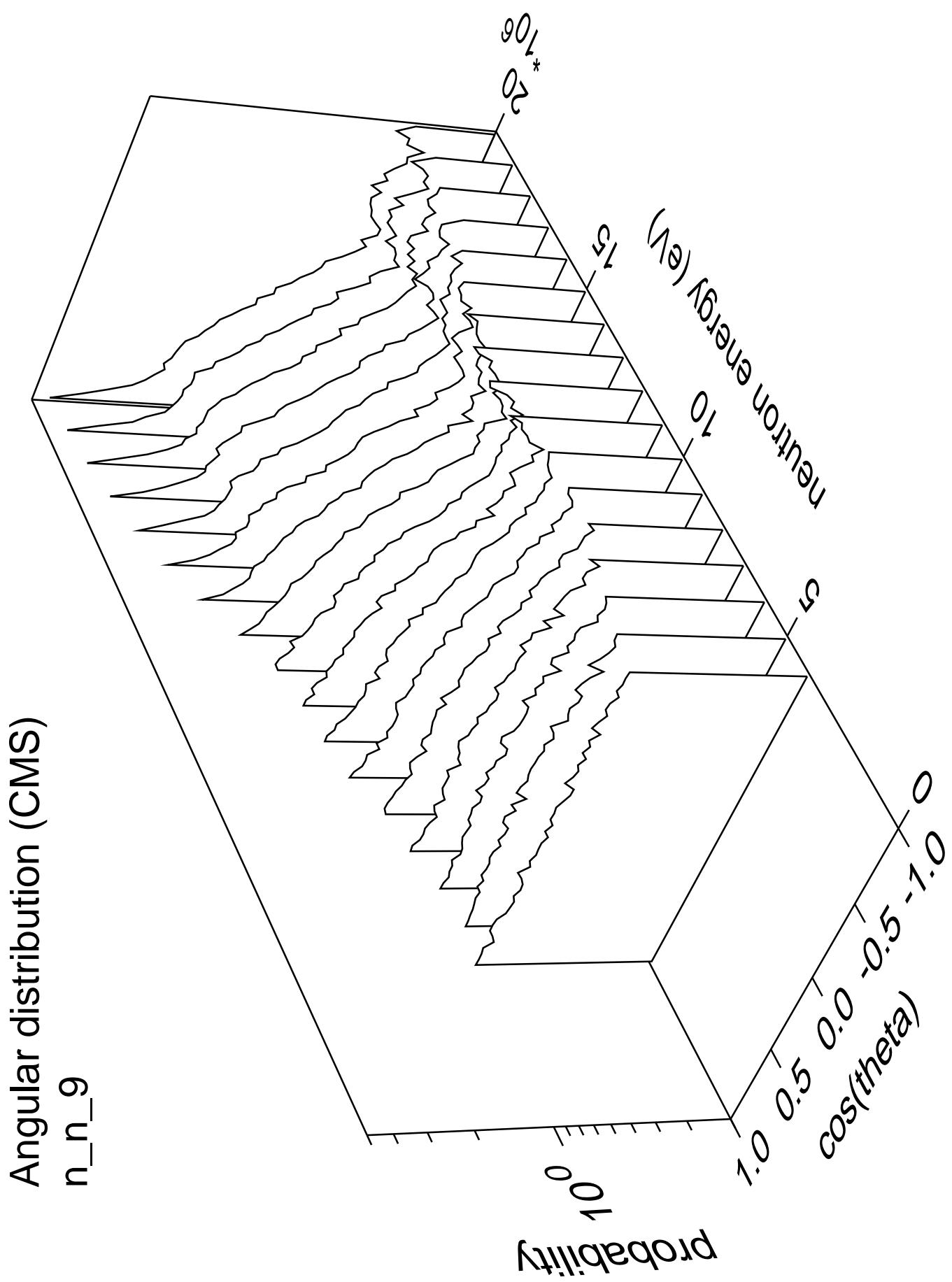


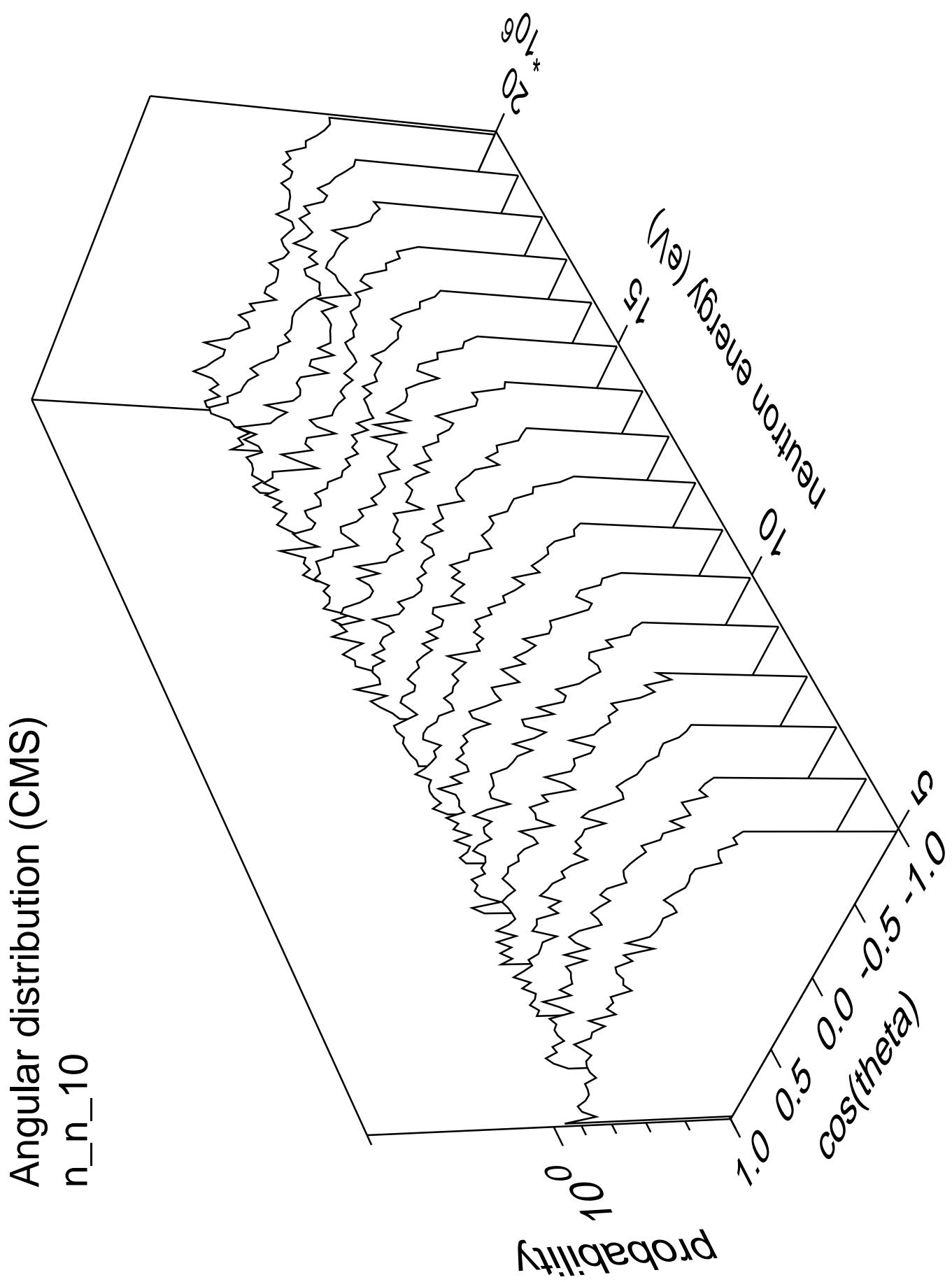


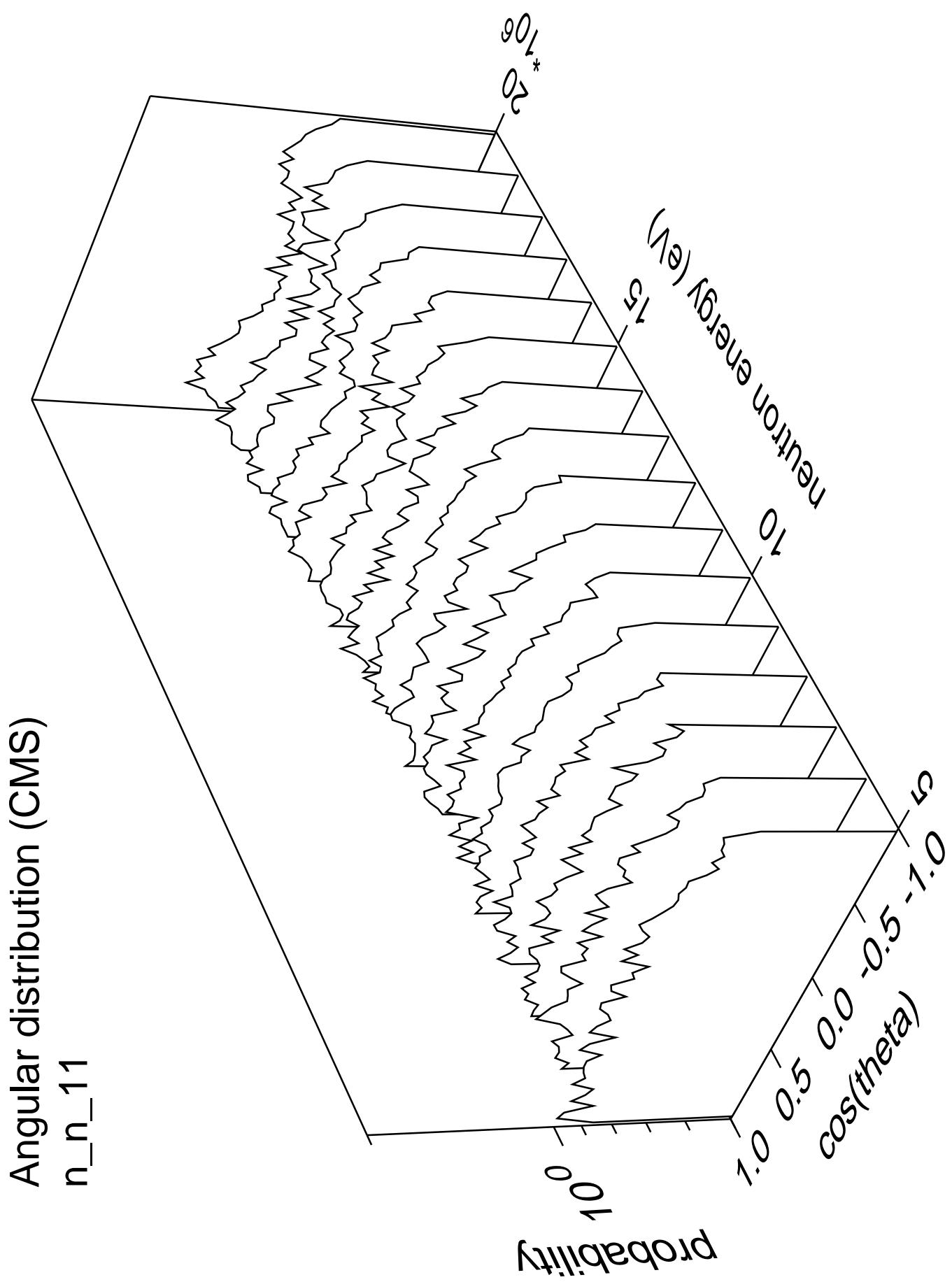


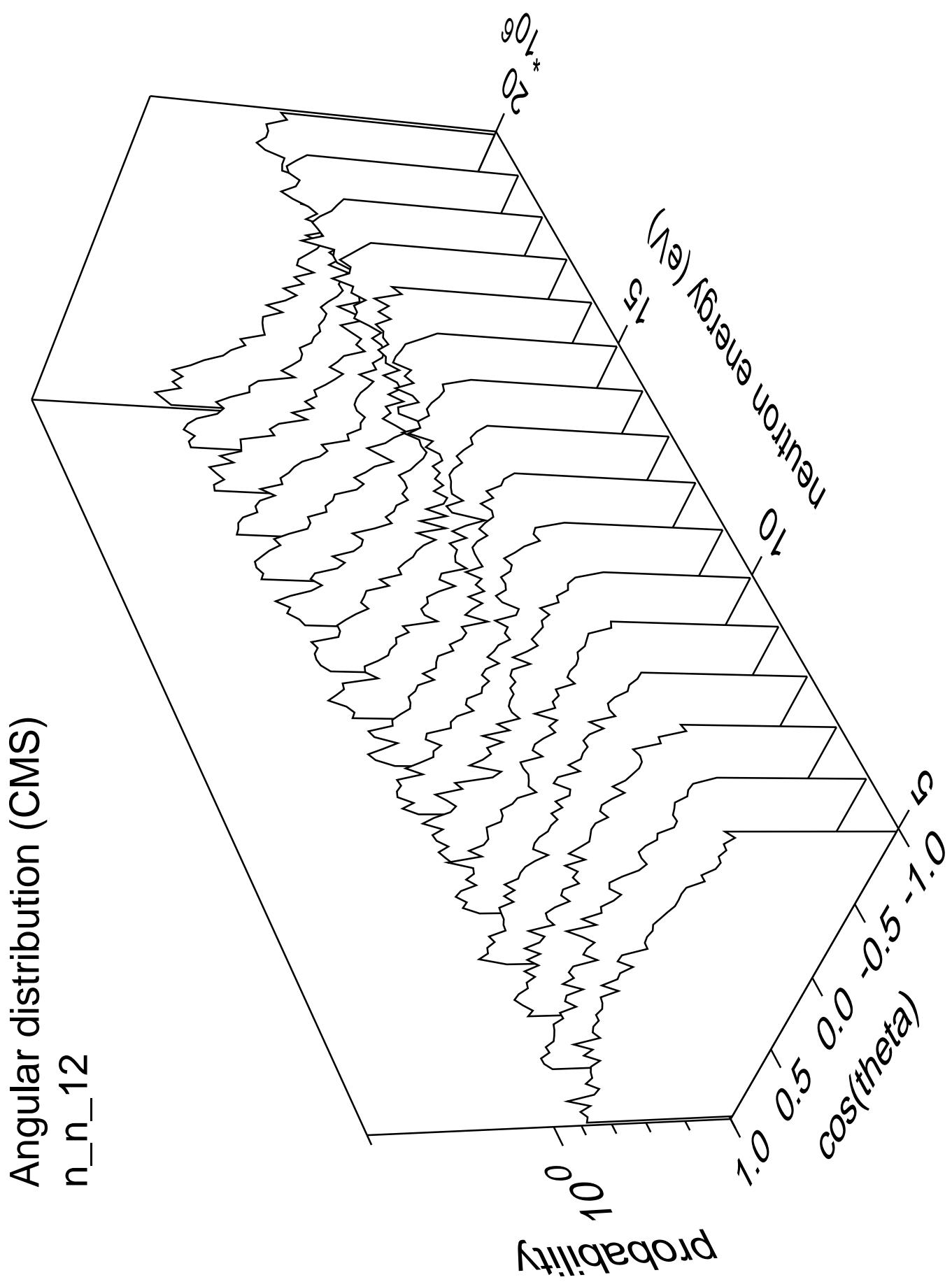




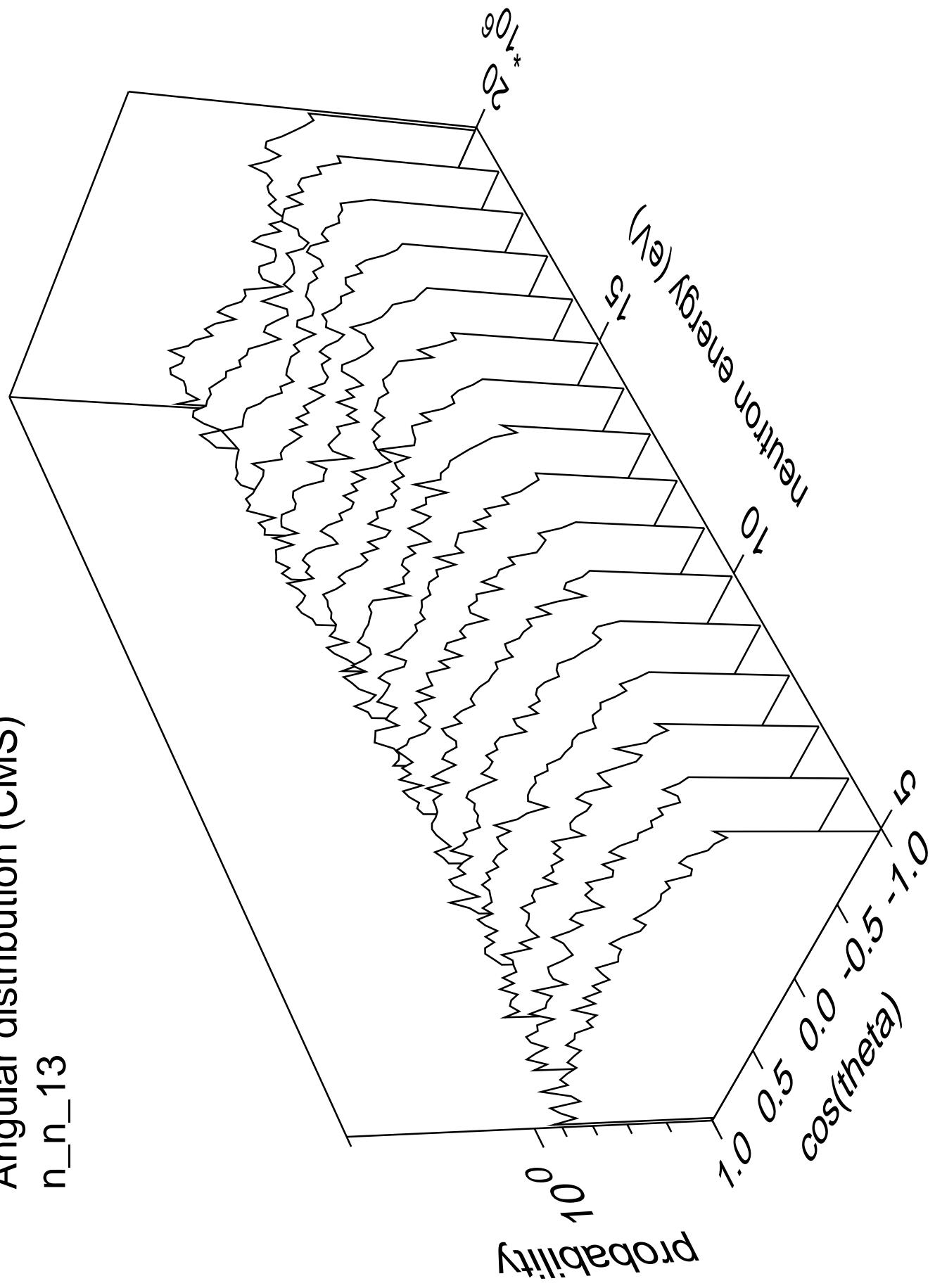


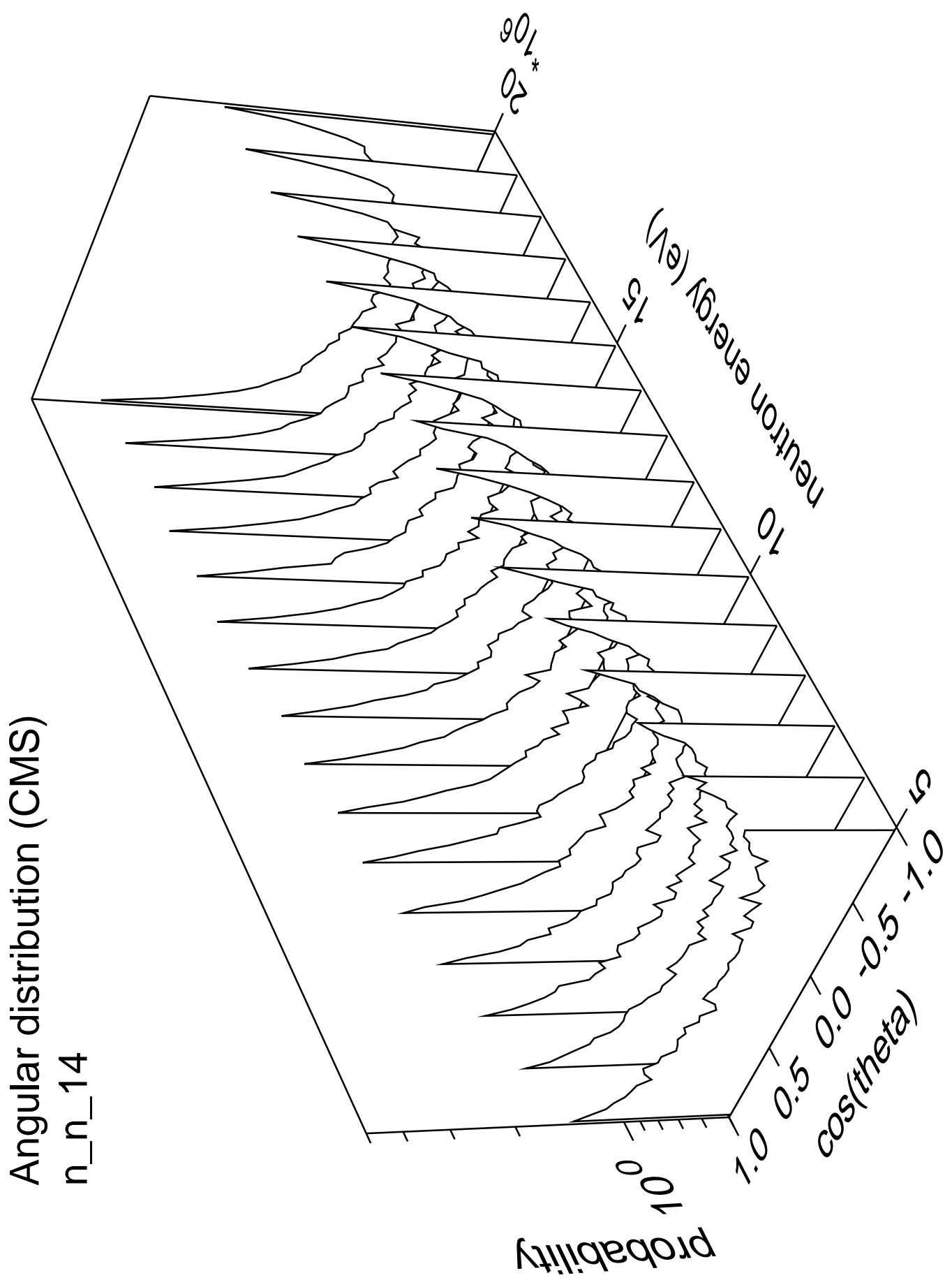


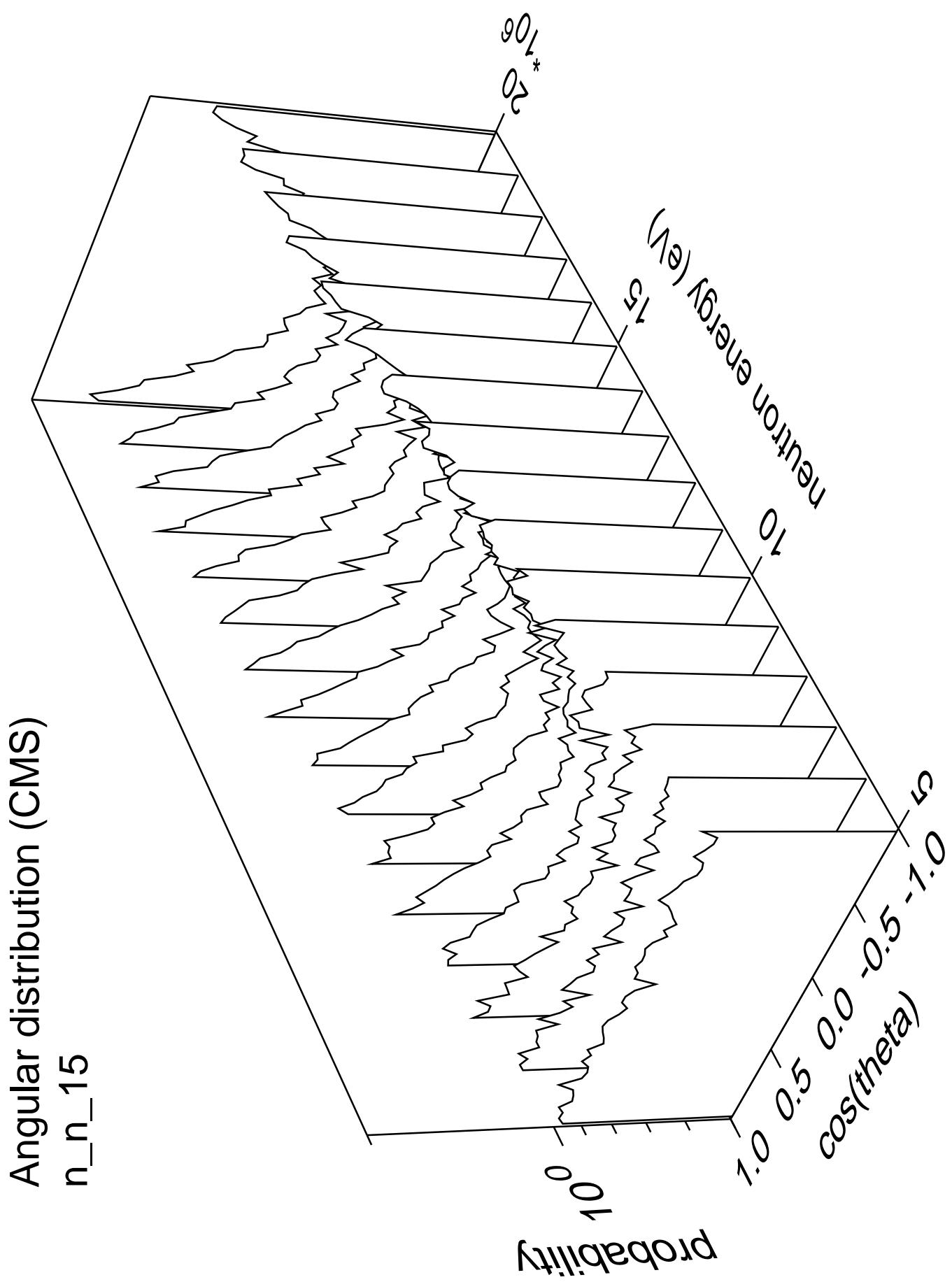


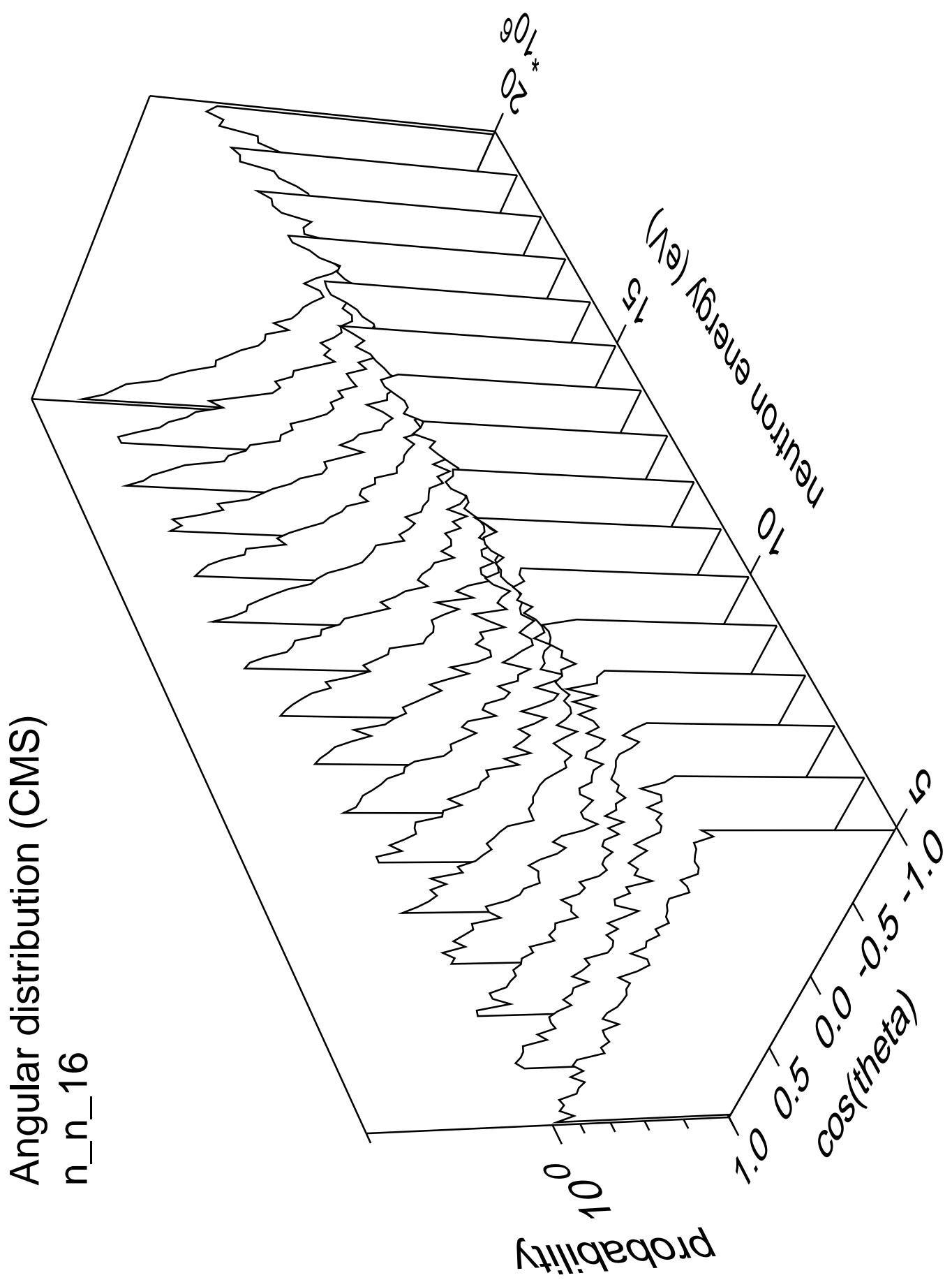


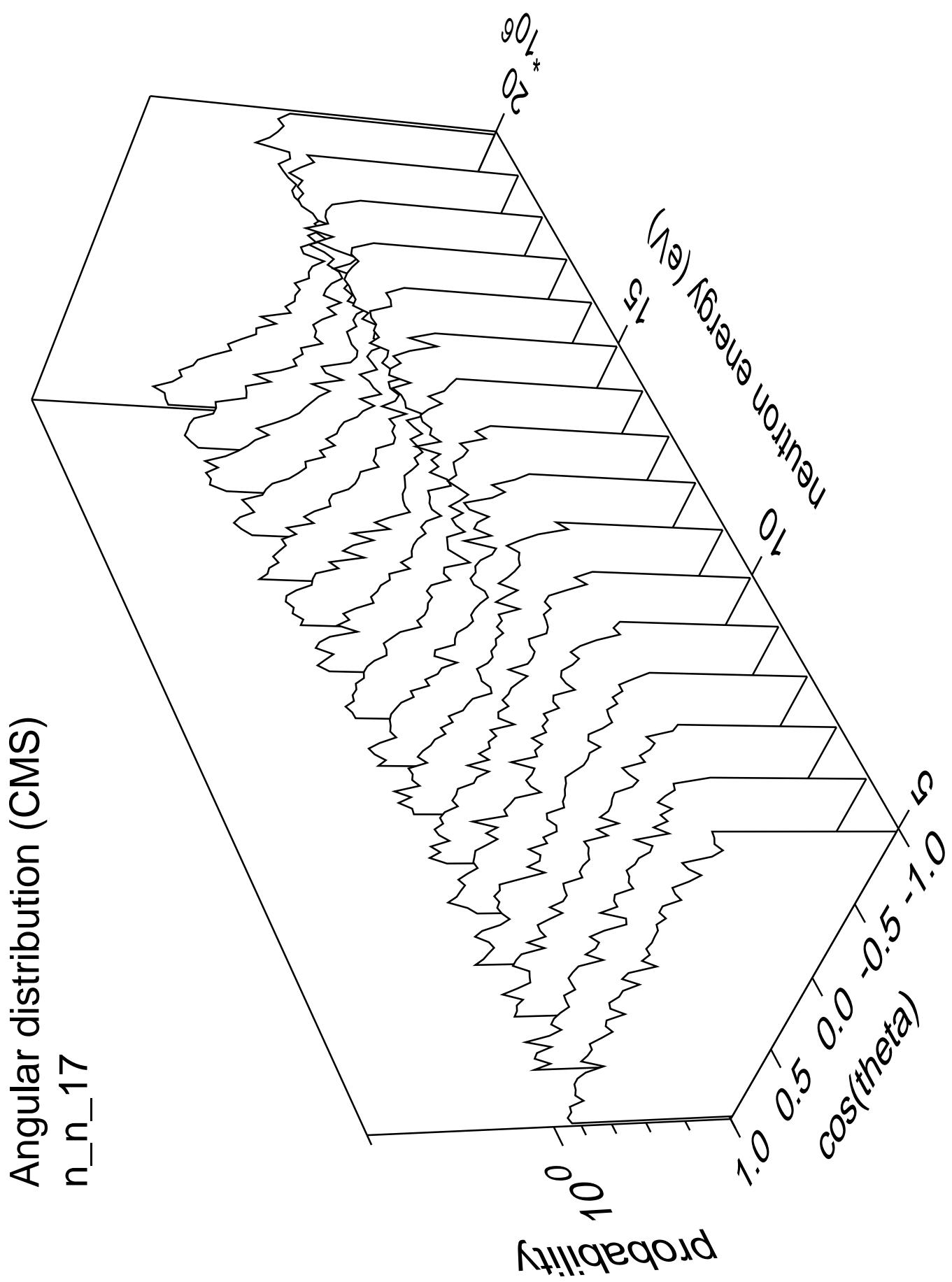
Angular distribution (CMS)  
n\_n\_13

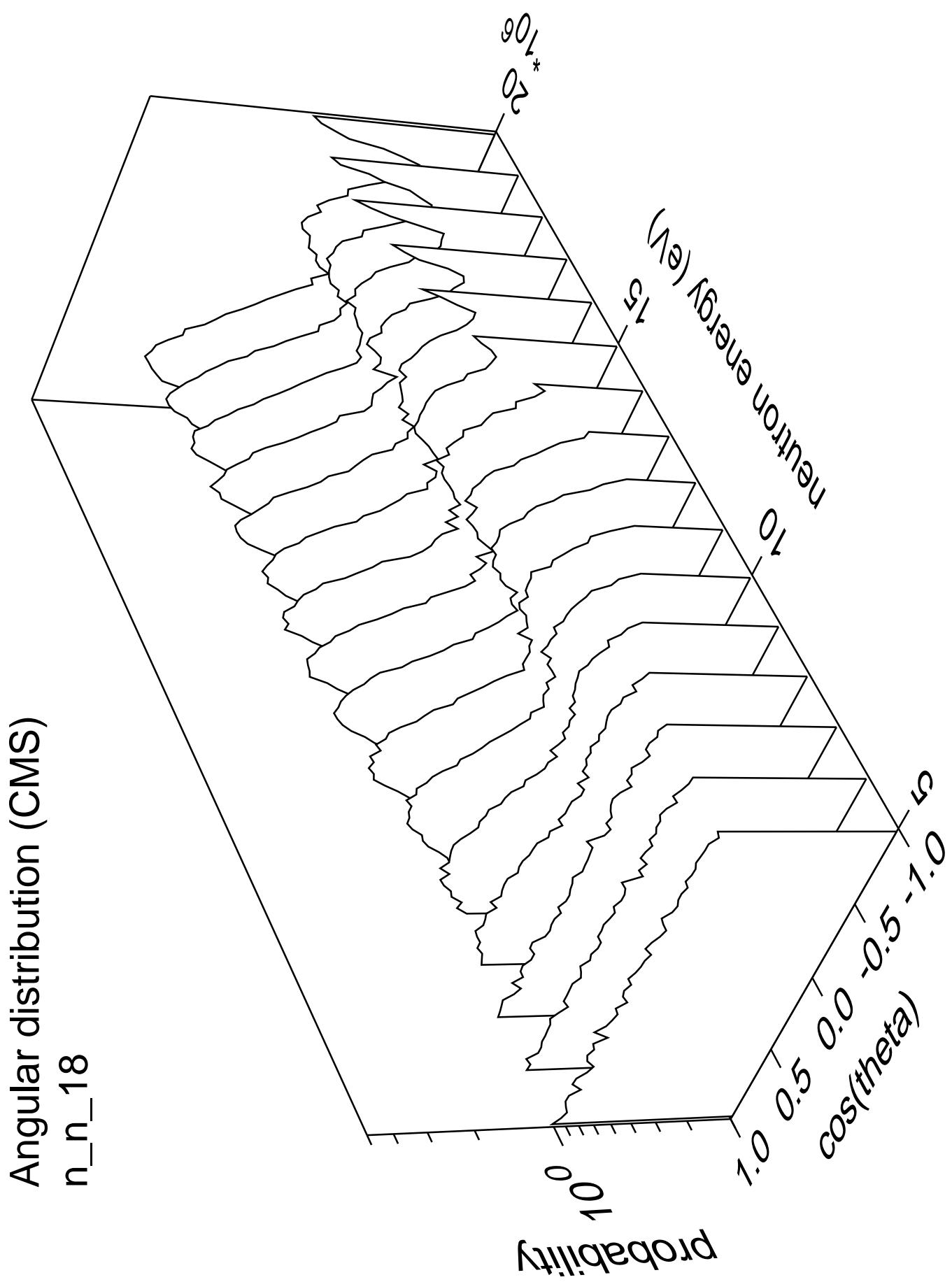


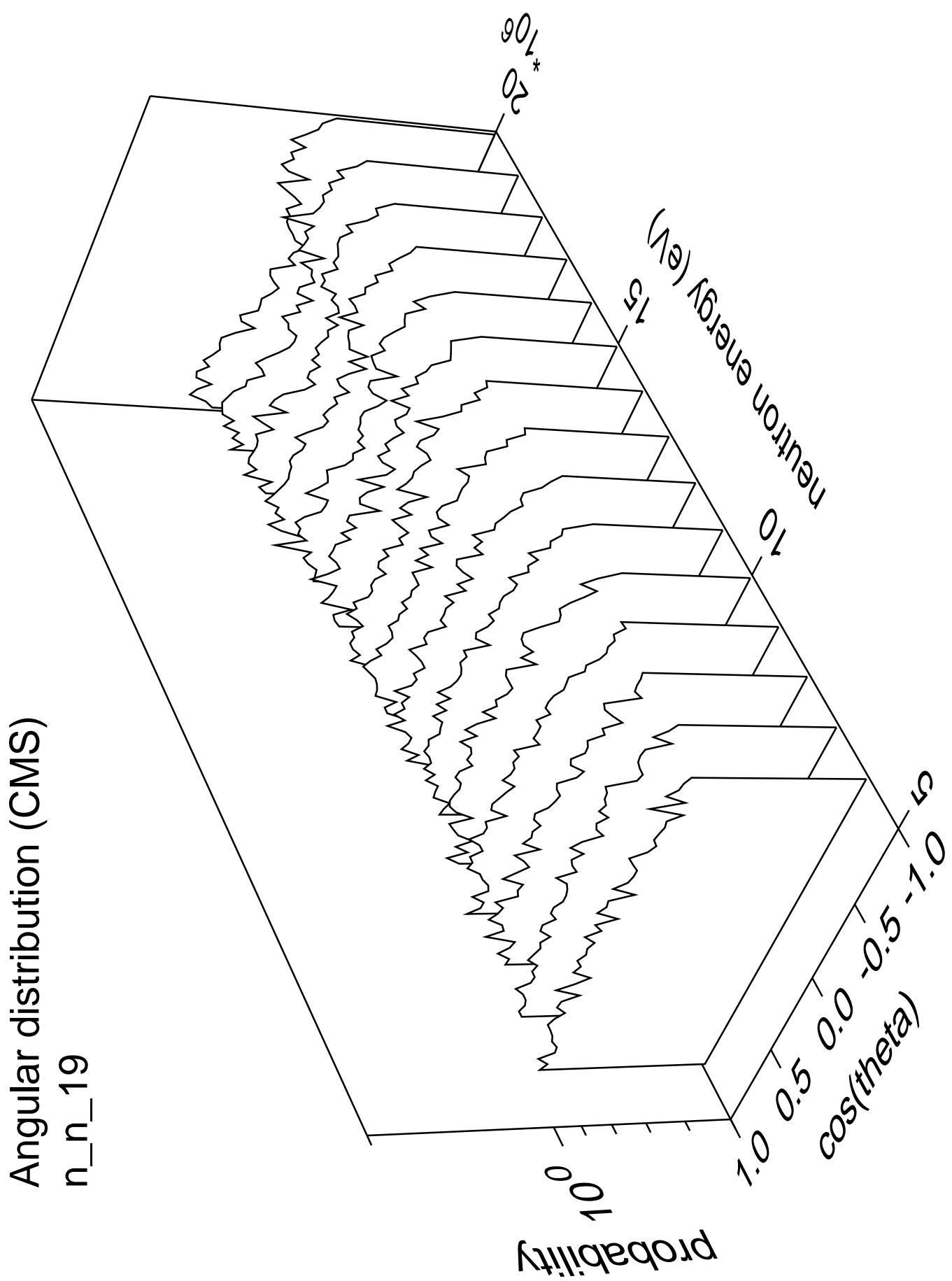


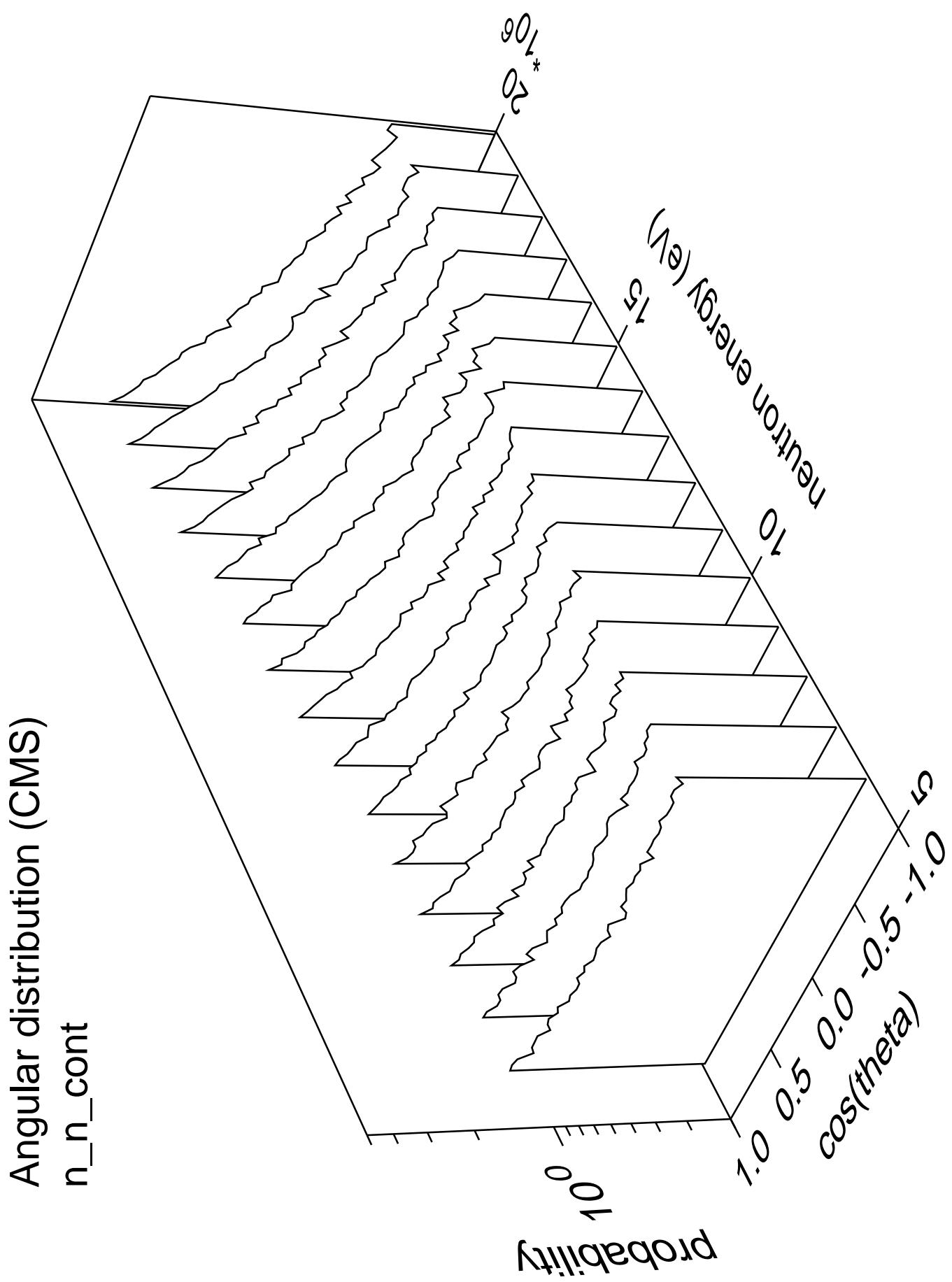


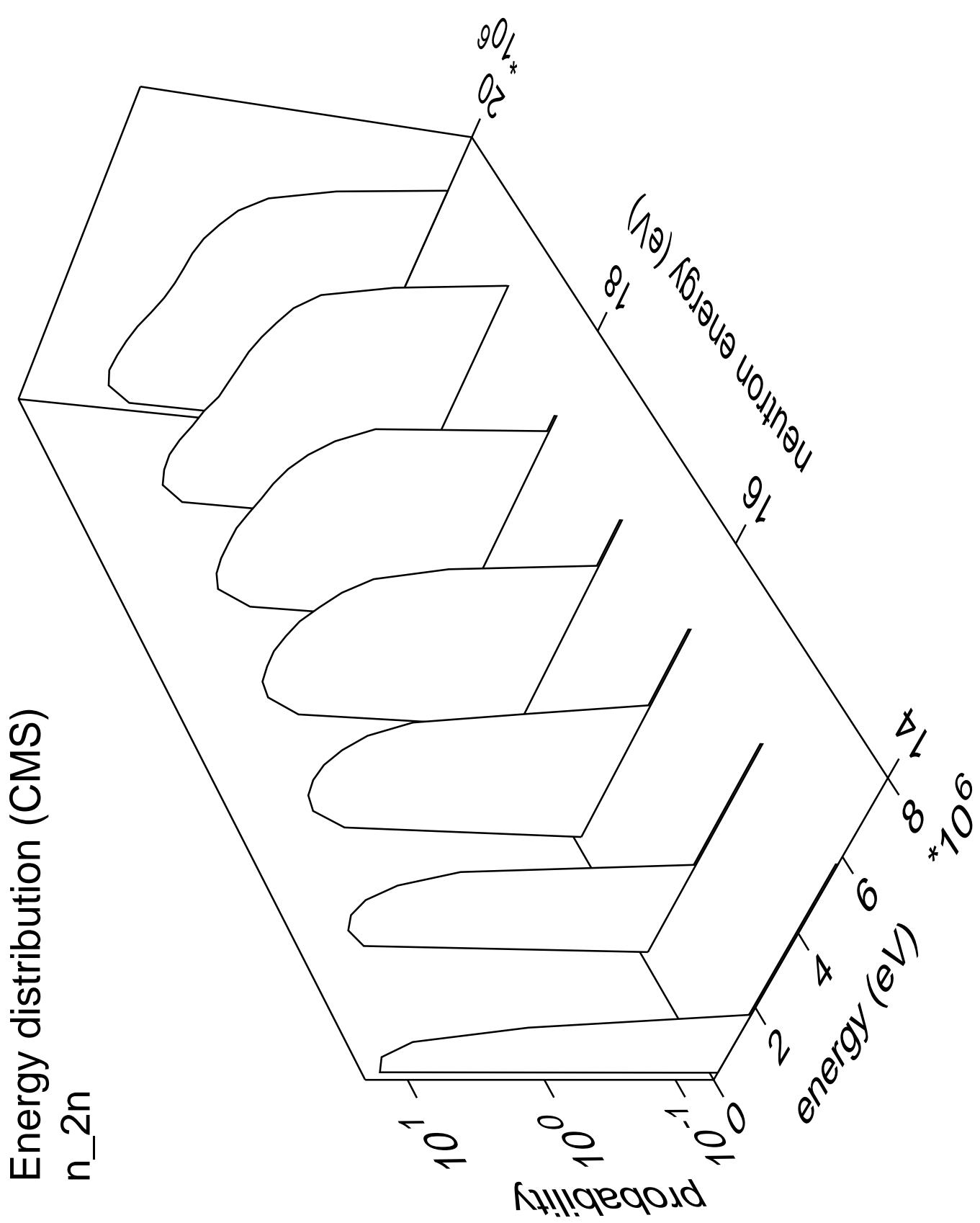


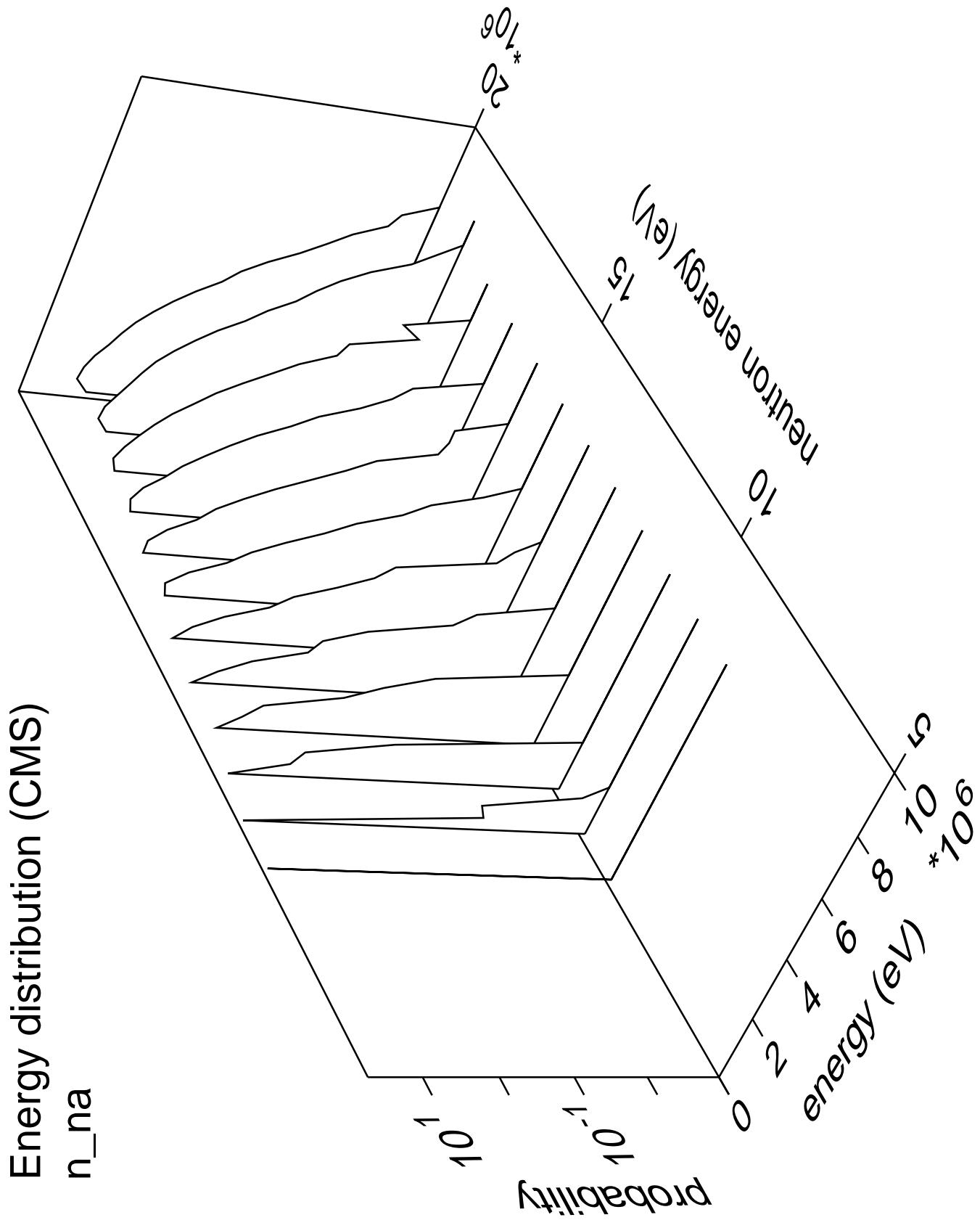


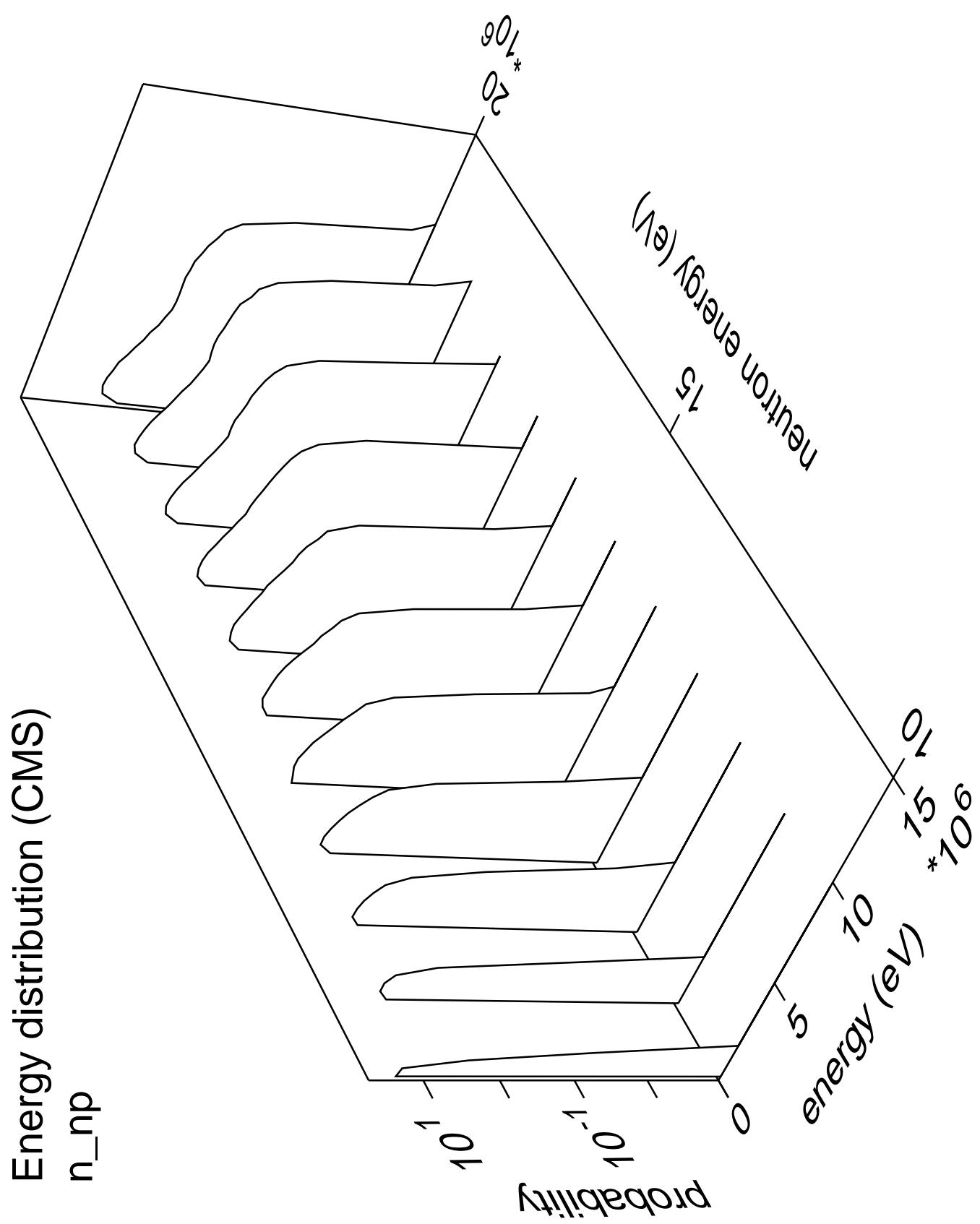


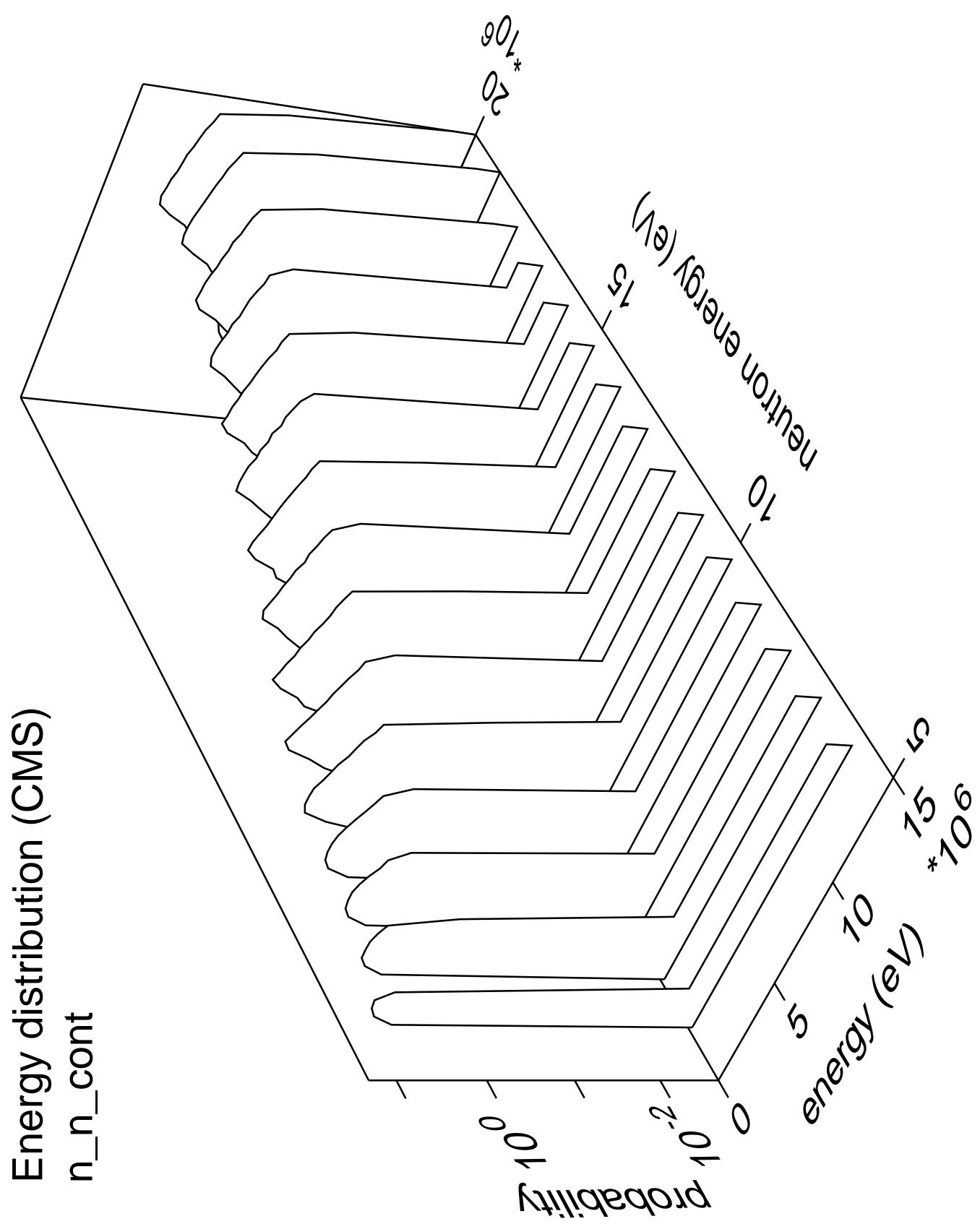




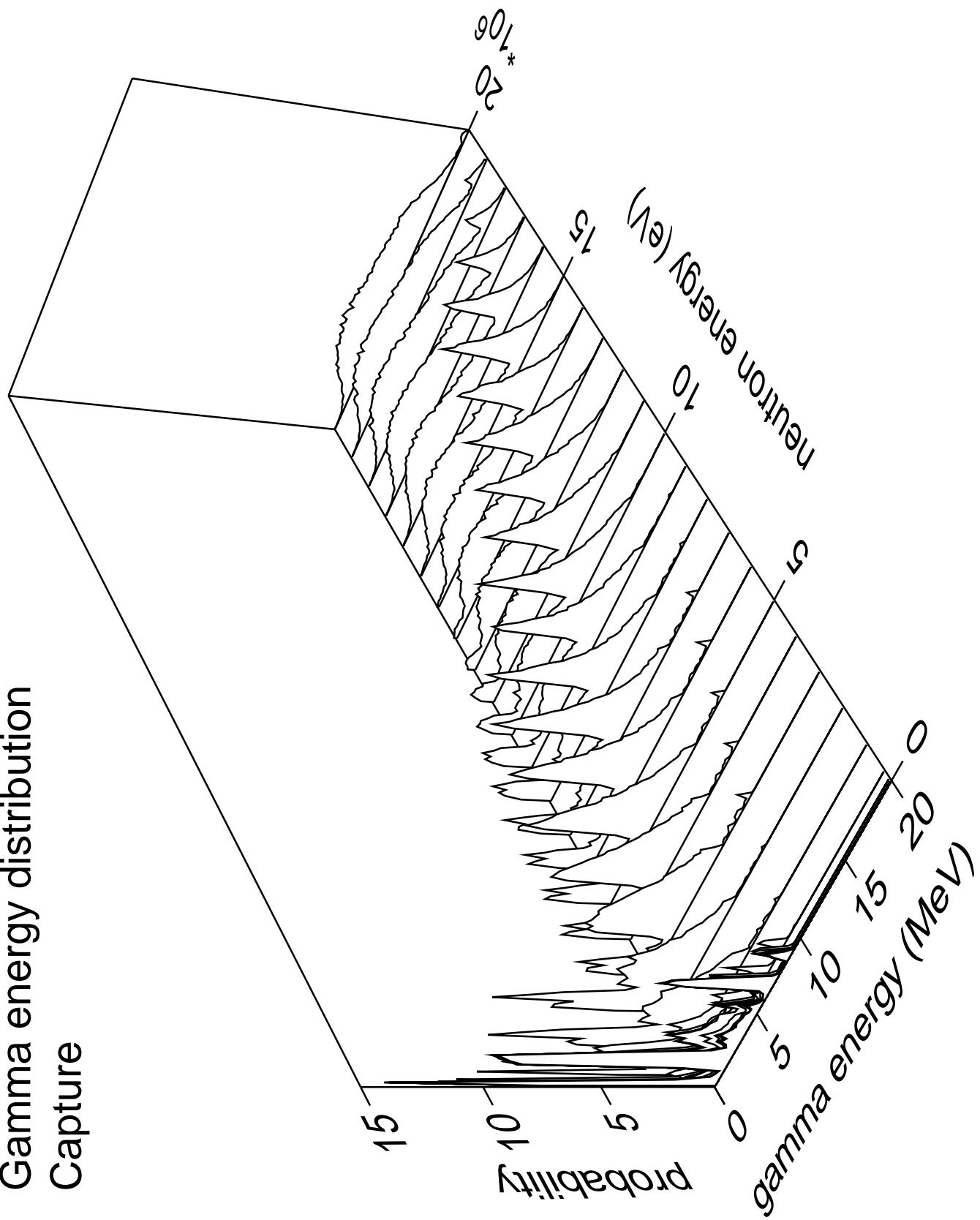




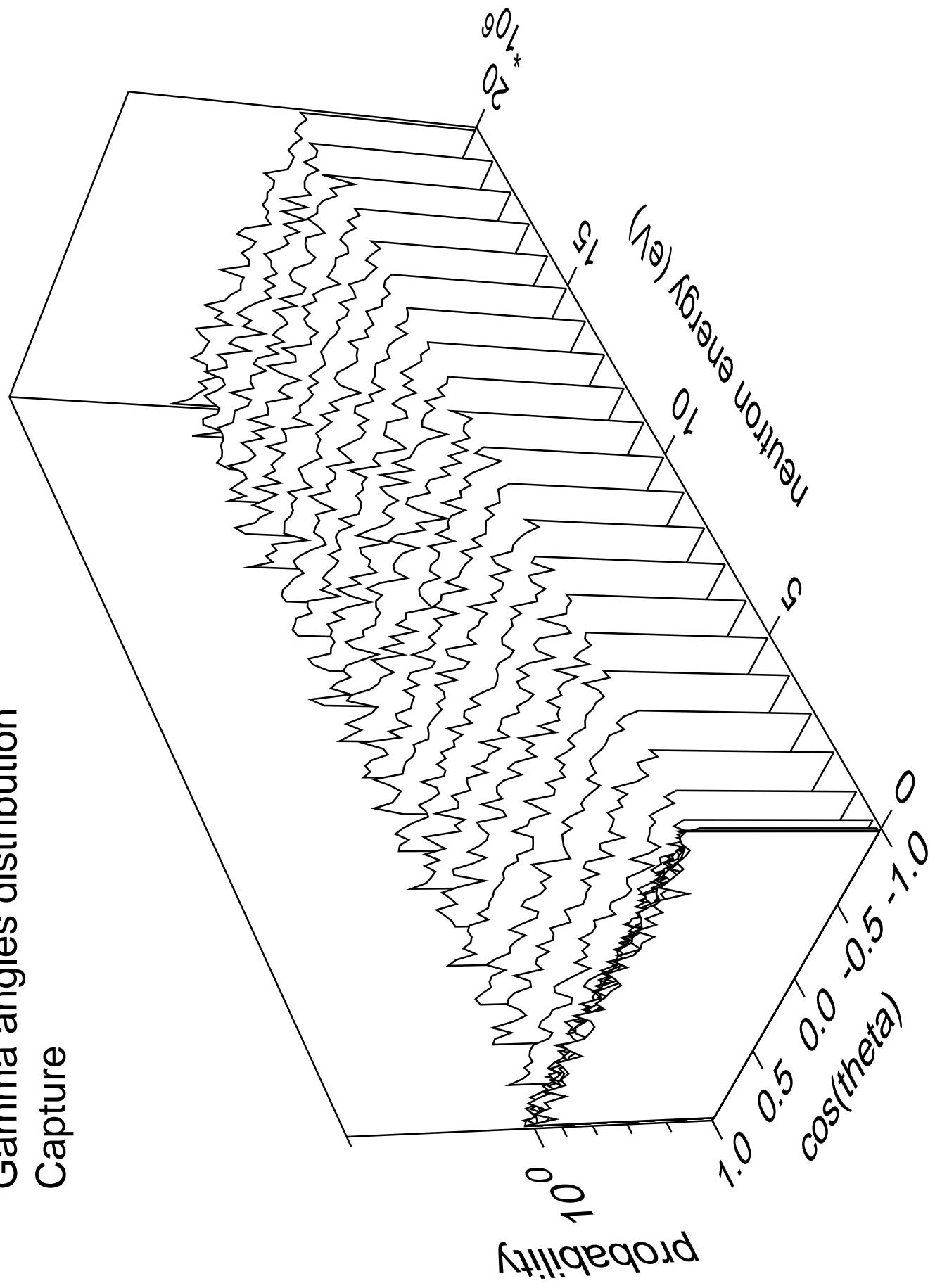




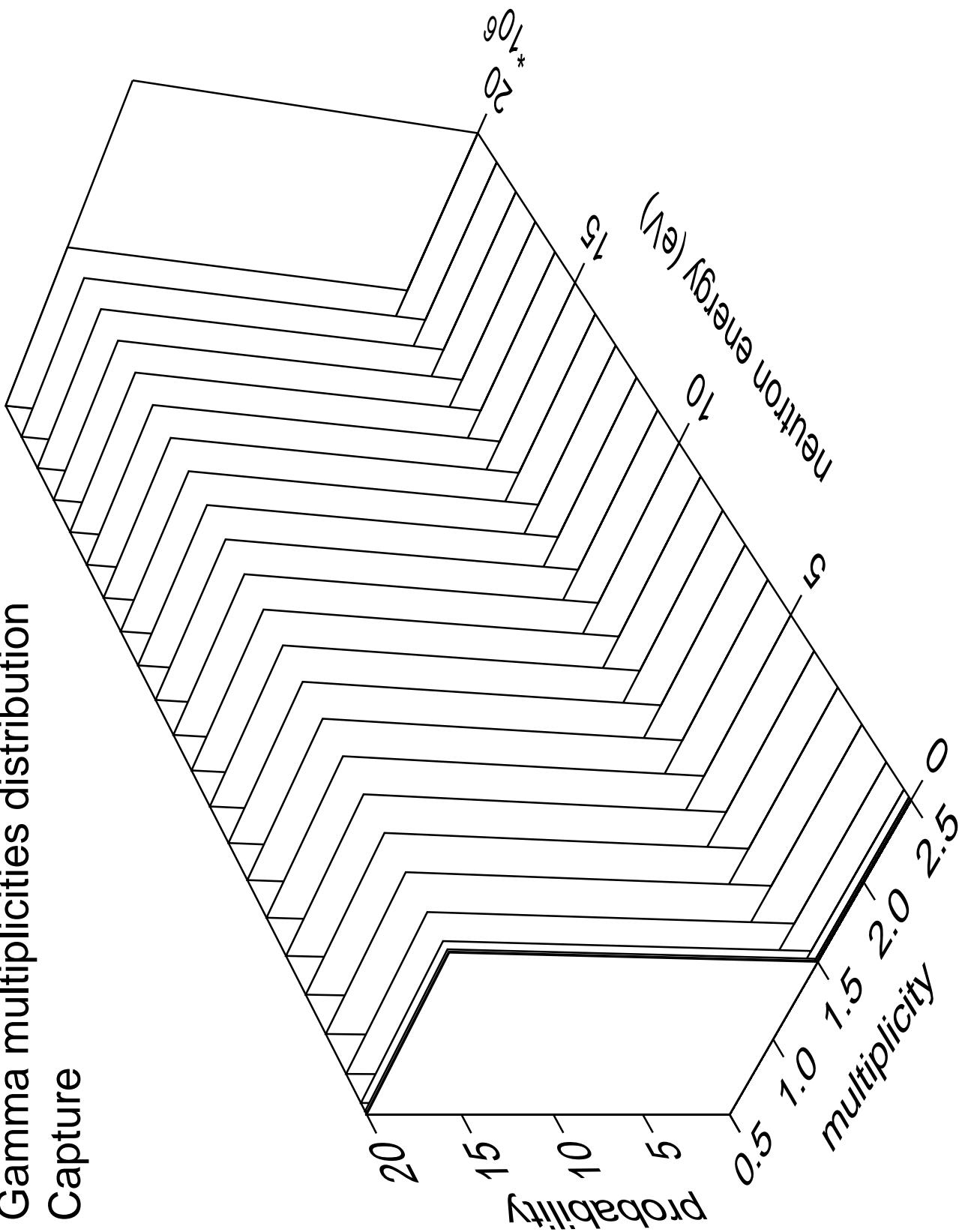
# Gamma energy distribution Capture



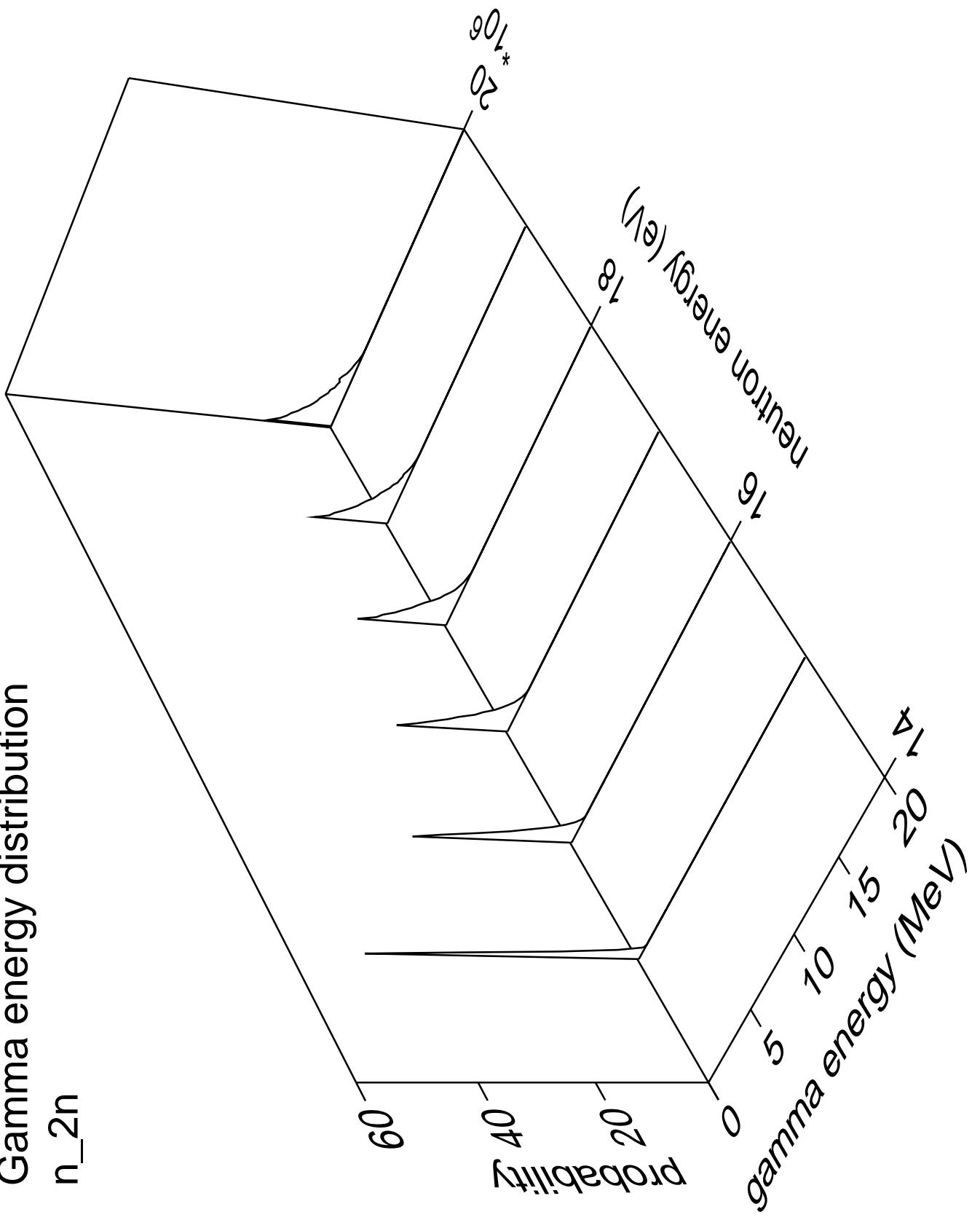
# Gamma angles distribution Capture



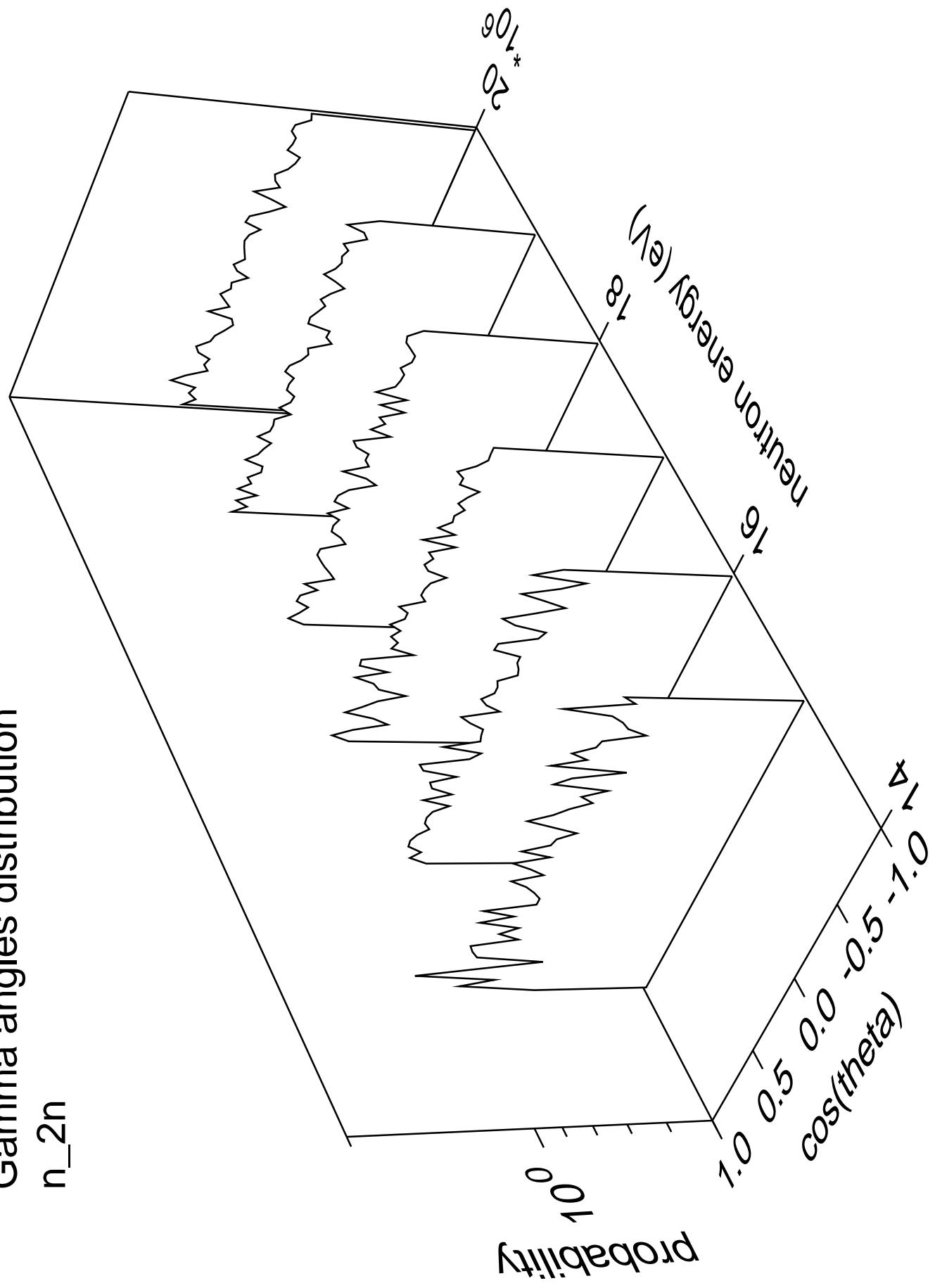
# Gamma multiplicities distribution Capture



## Gamma energy distribution n\_2n

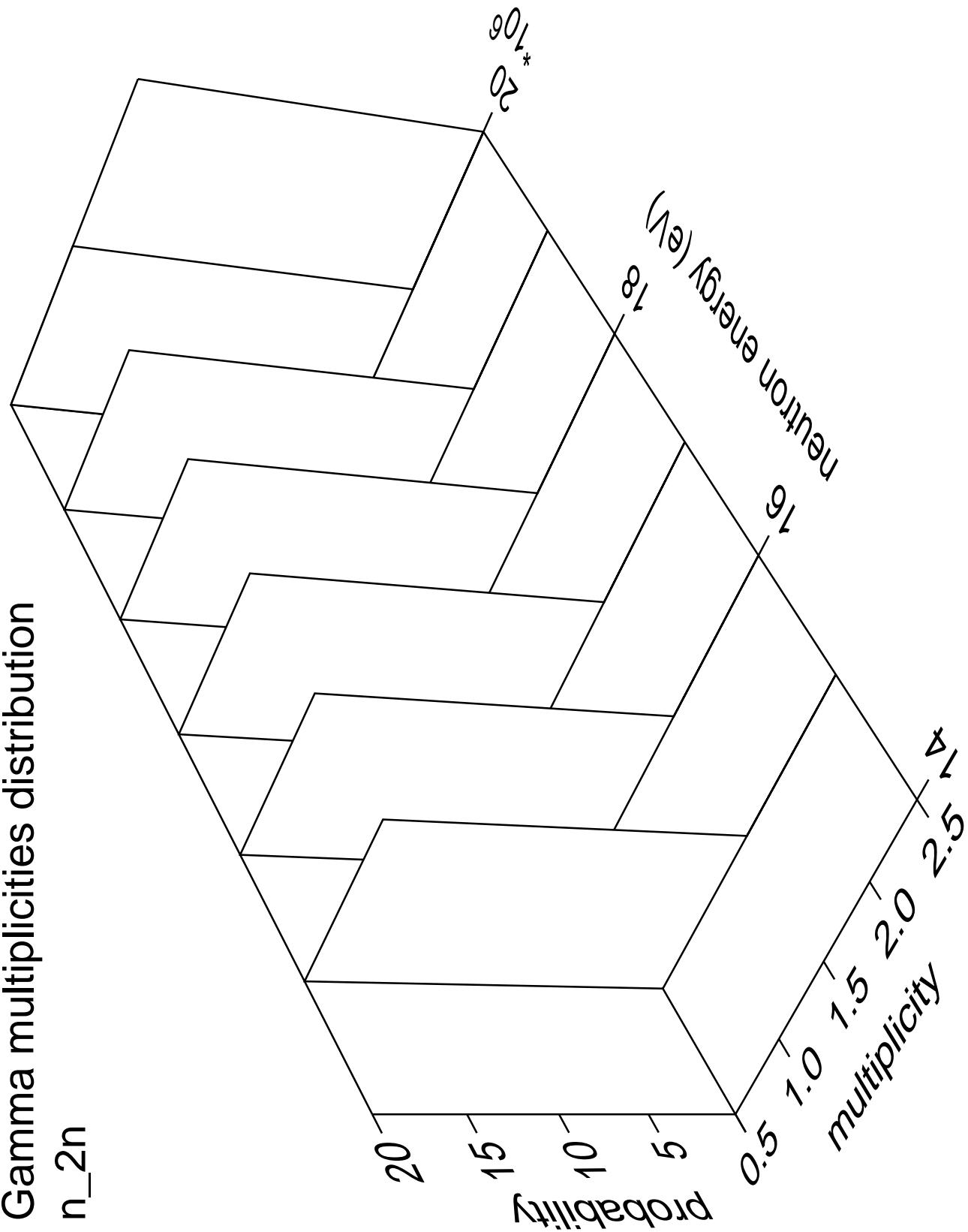


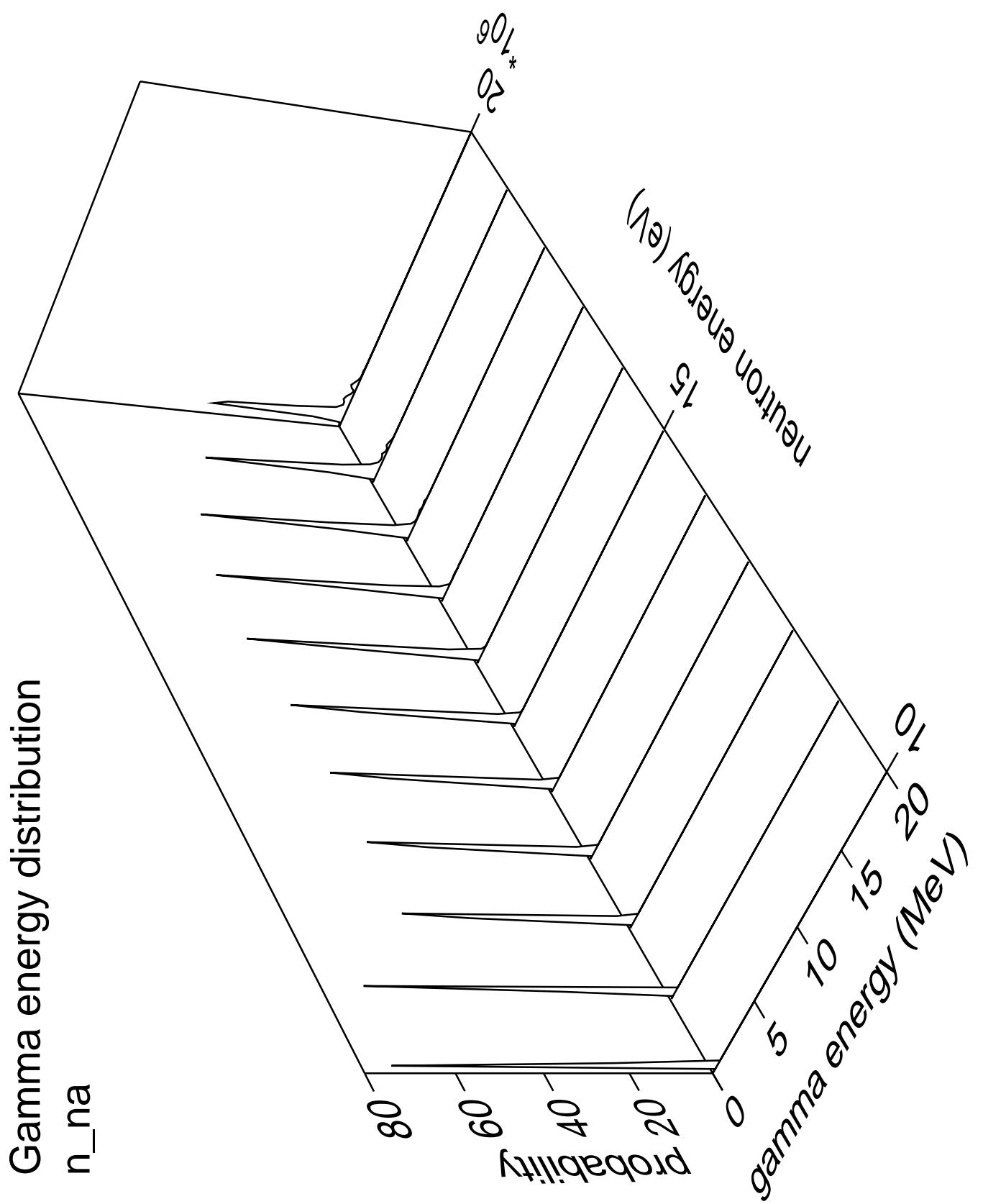
Gamma angles distribution  
n\_2n



## Gamma multiplicities distribution

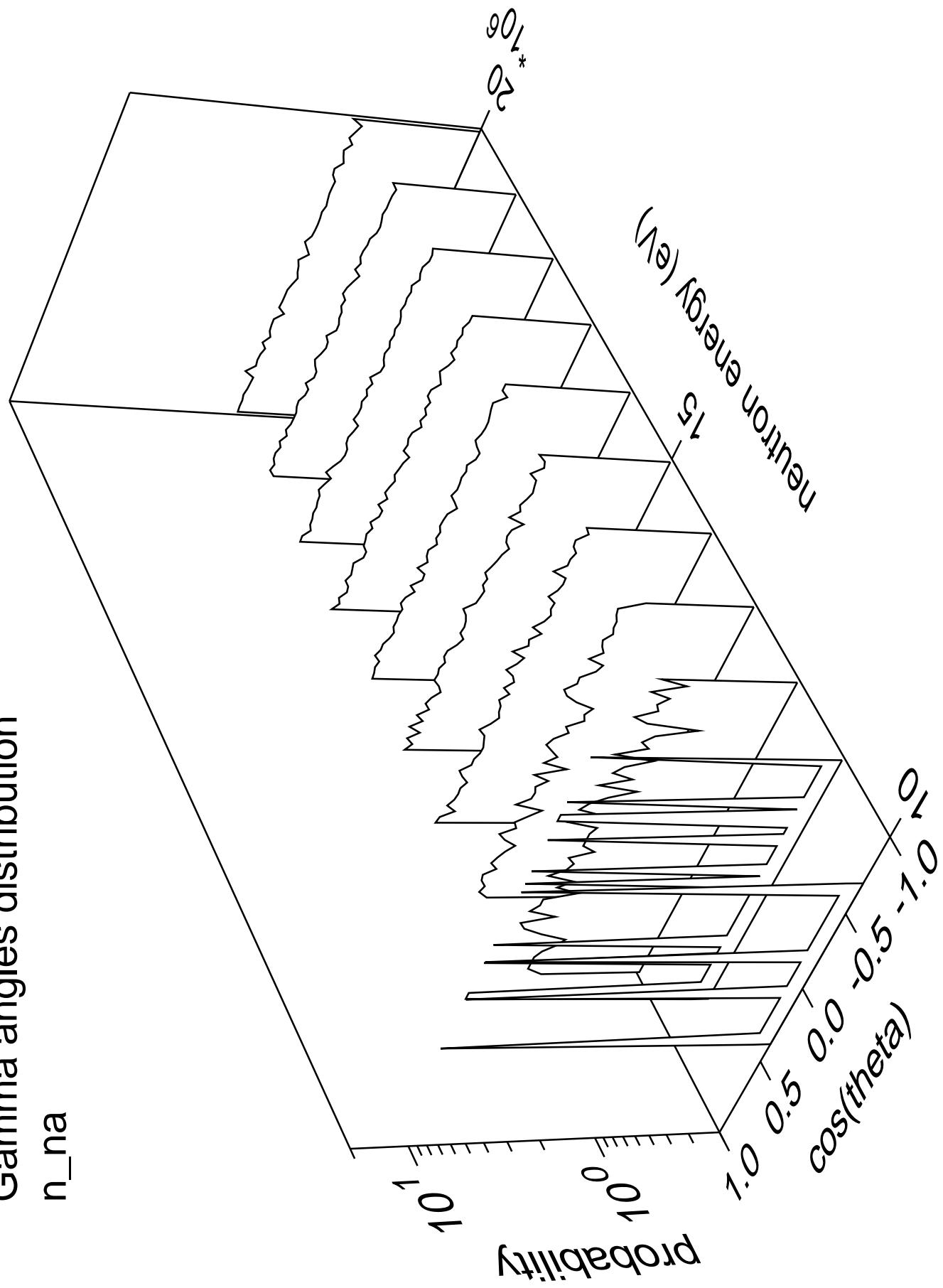
$n_{2n}$

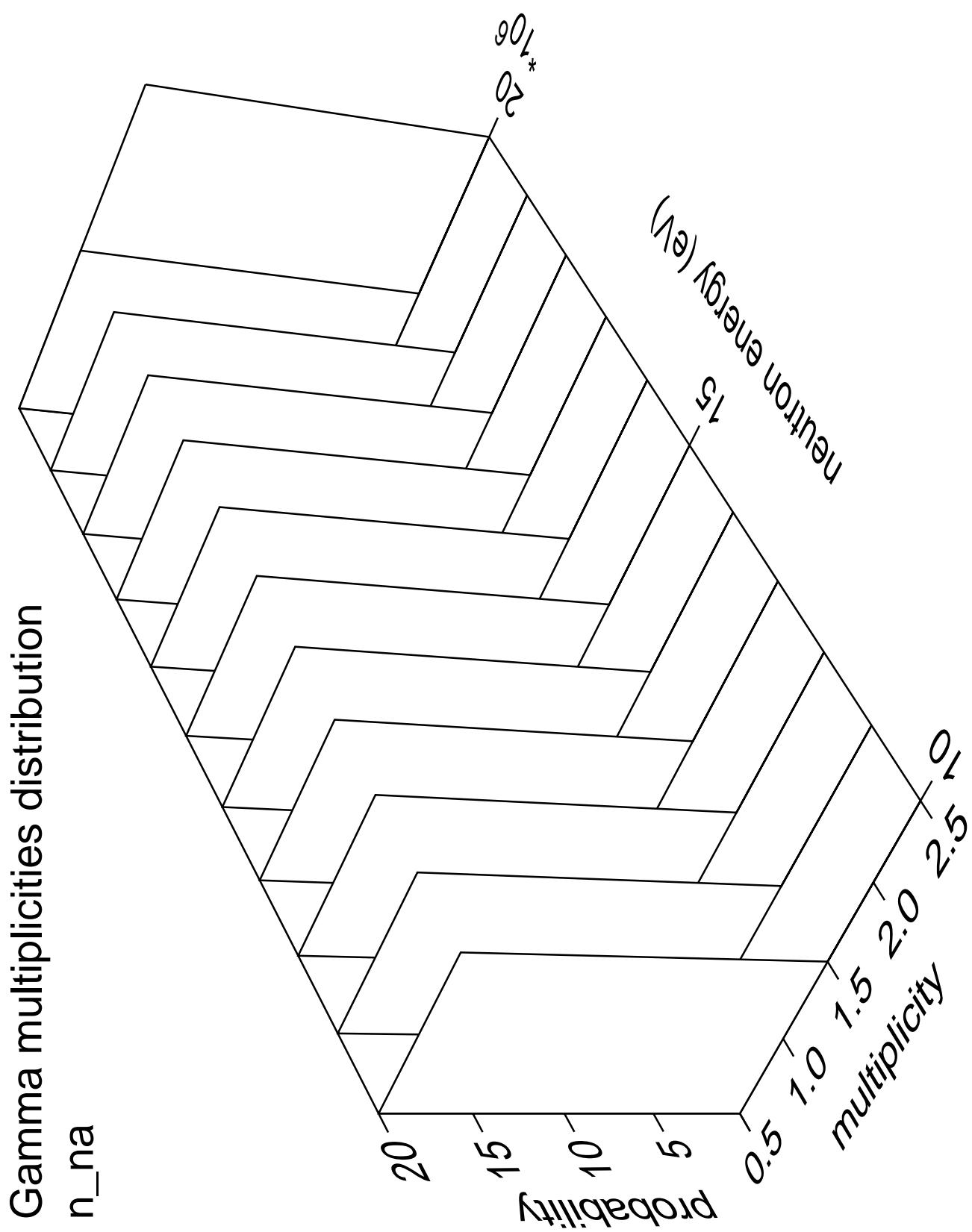




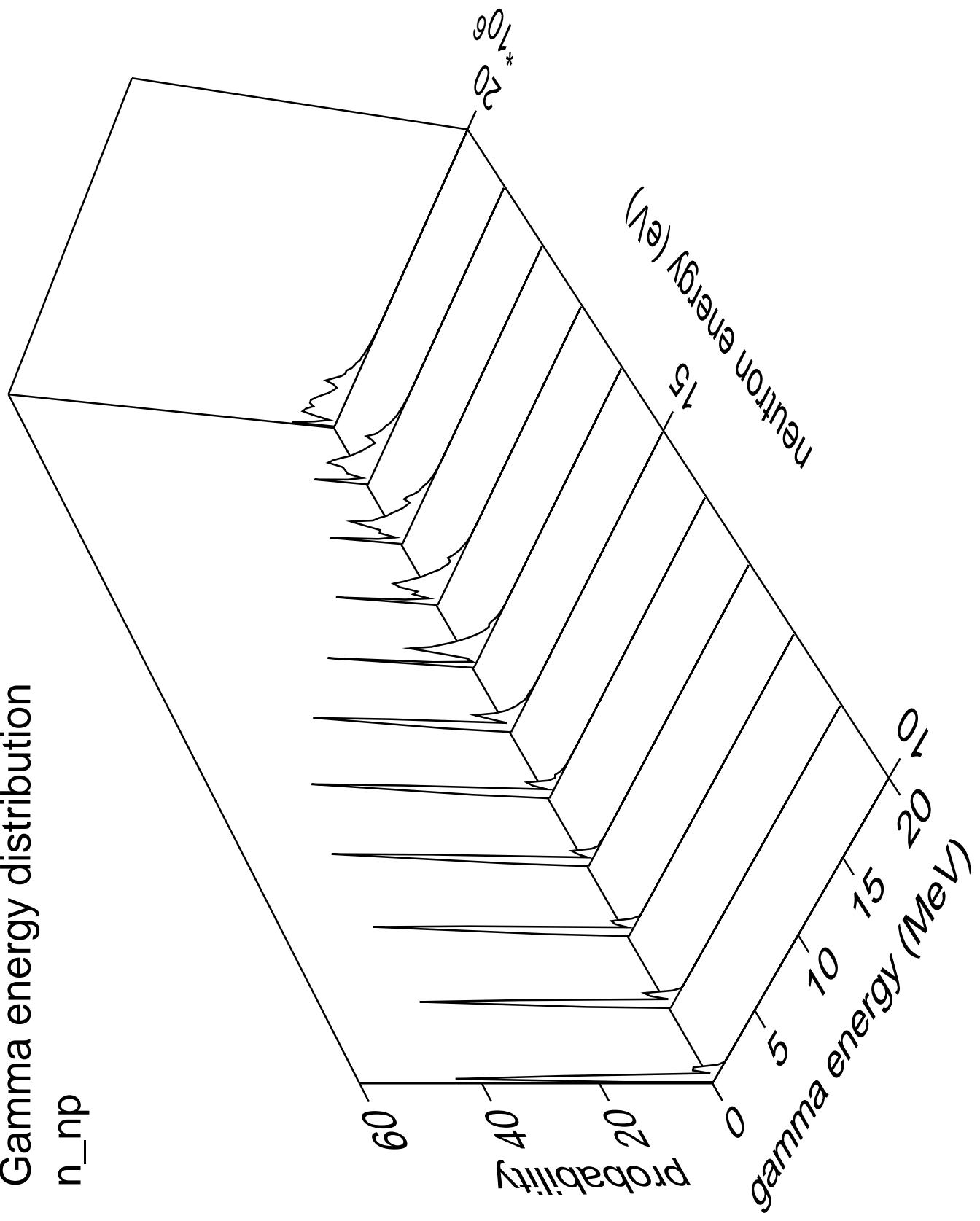
Gamma angles distribution

$n_{na}$





Gamma energy distribution  
 $n_{np}$



Gamma angles distribution

$n_{np}$

Probability

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

$\cos(\theta)$

1.0 0.5 0.0 -0.5 -1.0

neutron energy (eV)

$10^6$

$2 \times 10^6$

$5 \times 10^6$

$1 \times 10^7$

$2 \times 10^7$

$5 \times 10^7$

$1 \times 10^8$

$2 \times 10^8$

$5 \times 10^8$

$1 \times 10^9$

$2 \times 10^9$

$5 \times 10^9$

$1 \times 10^{10}$

$2 \times 10^{10}$

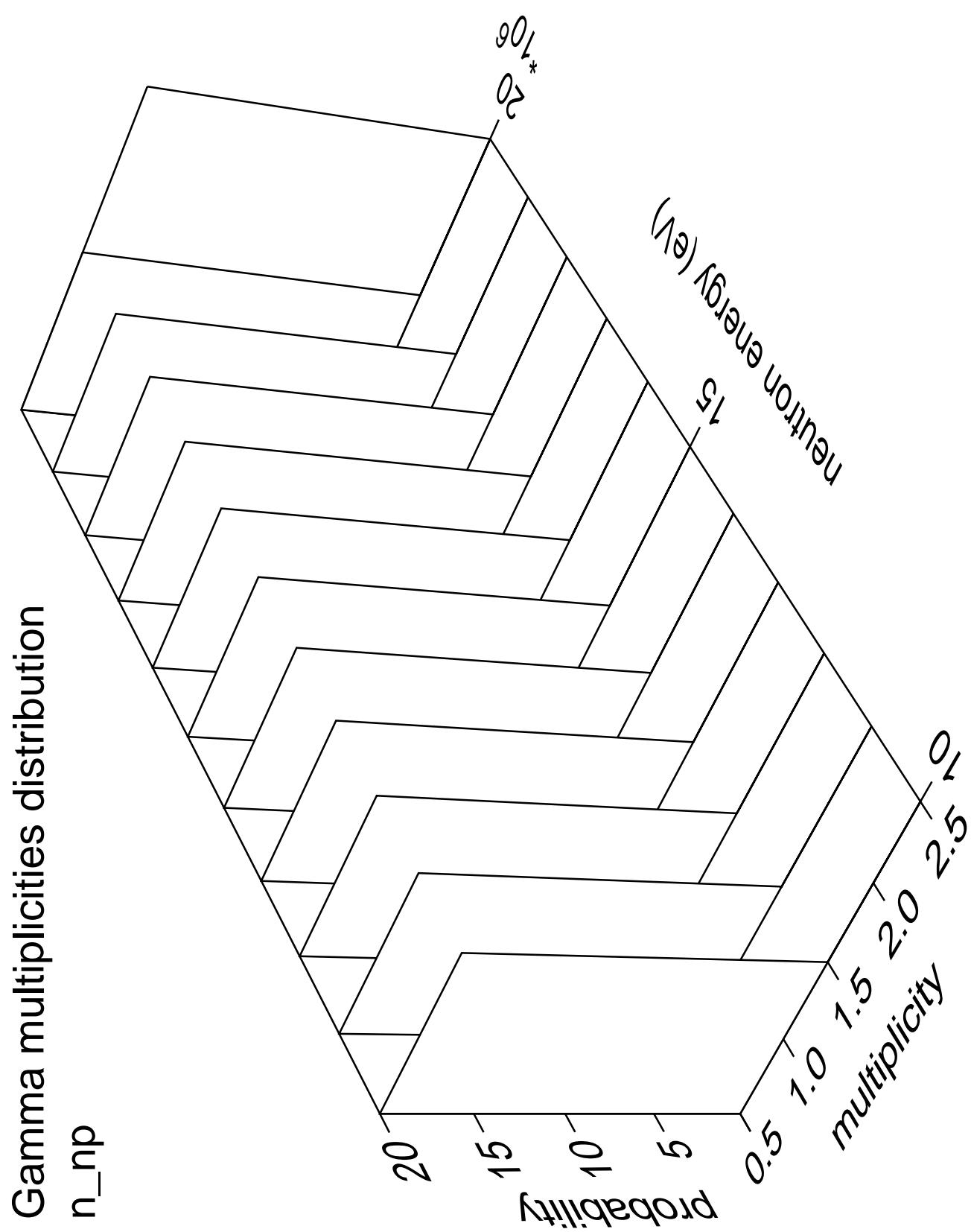
$5 \times 10^{10}$

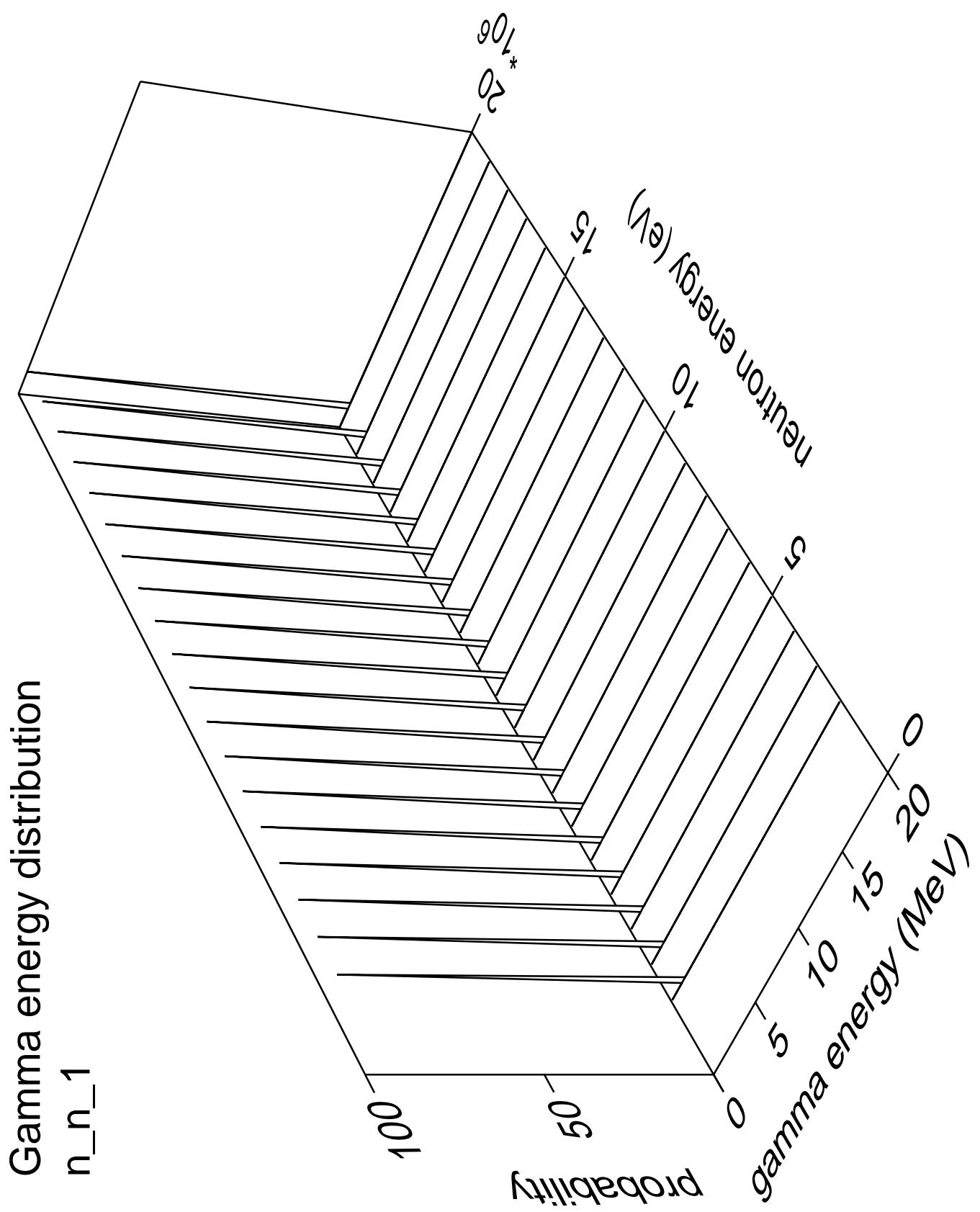
$1 \times 10^{11}$

$2 \times 10^{11}$

$5 \times 10^{11}$

$1 \times 10^{12}$





Gamma angles distribution

$n_{n_1}$

Probability

$10^0$

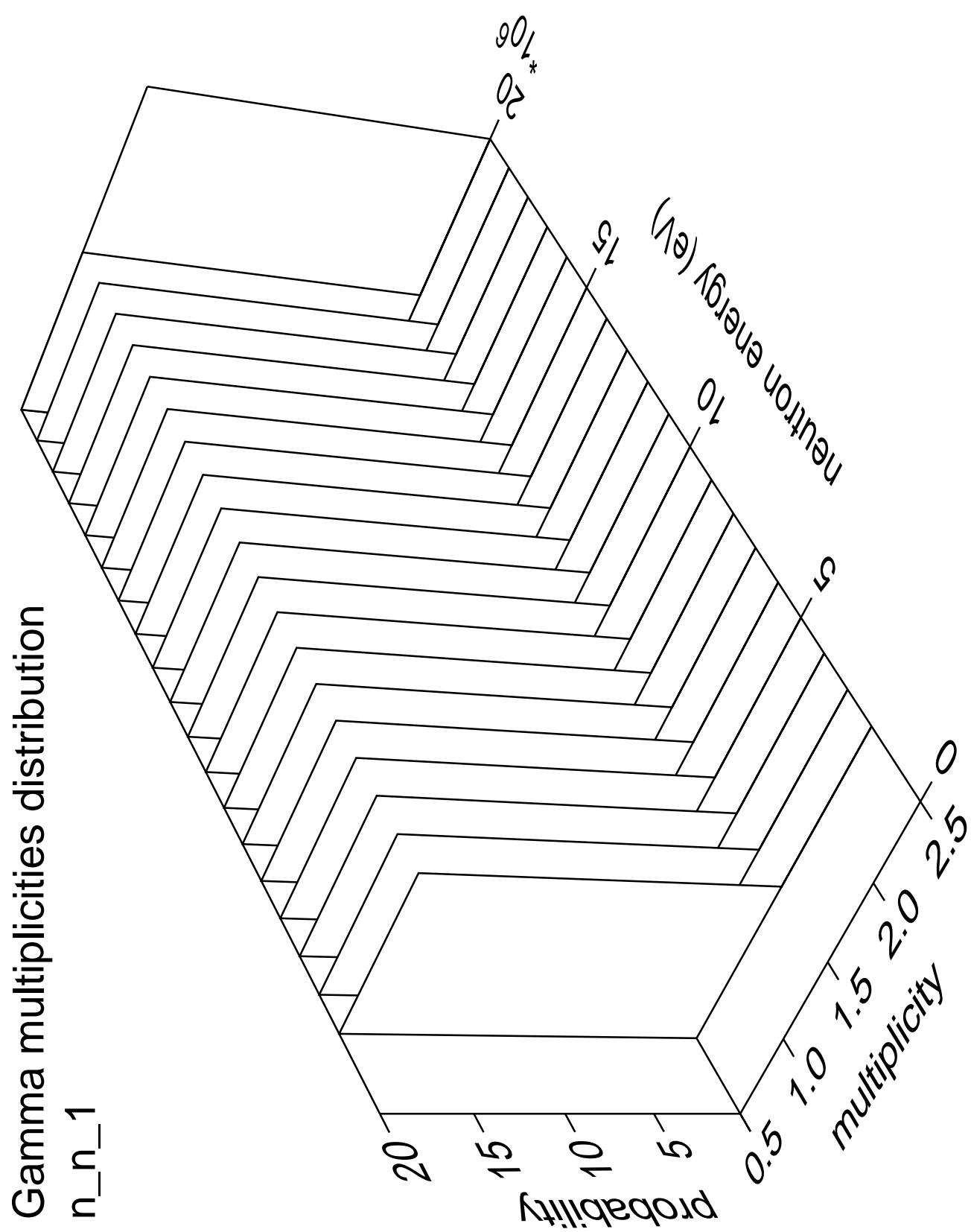
1.0

0.5  
0.0  
-0.5  
-1.0

$\cos(\theta)$

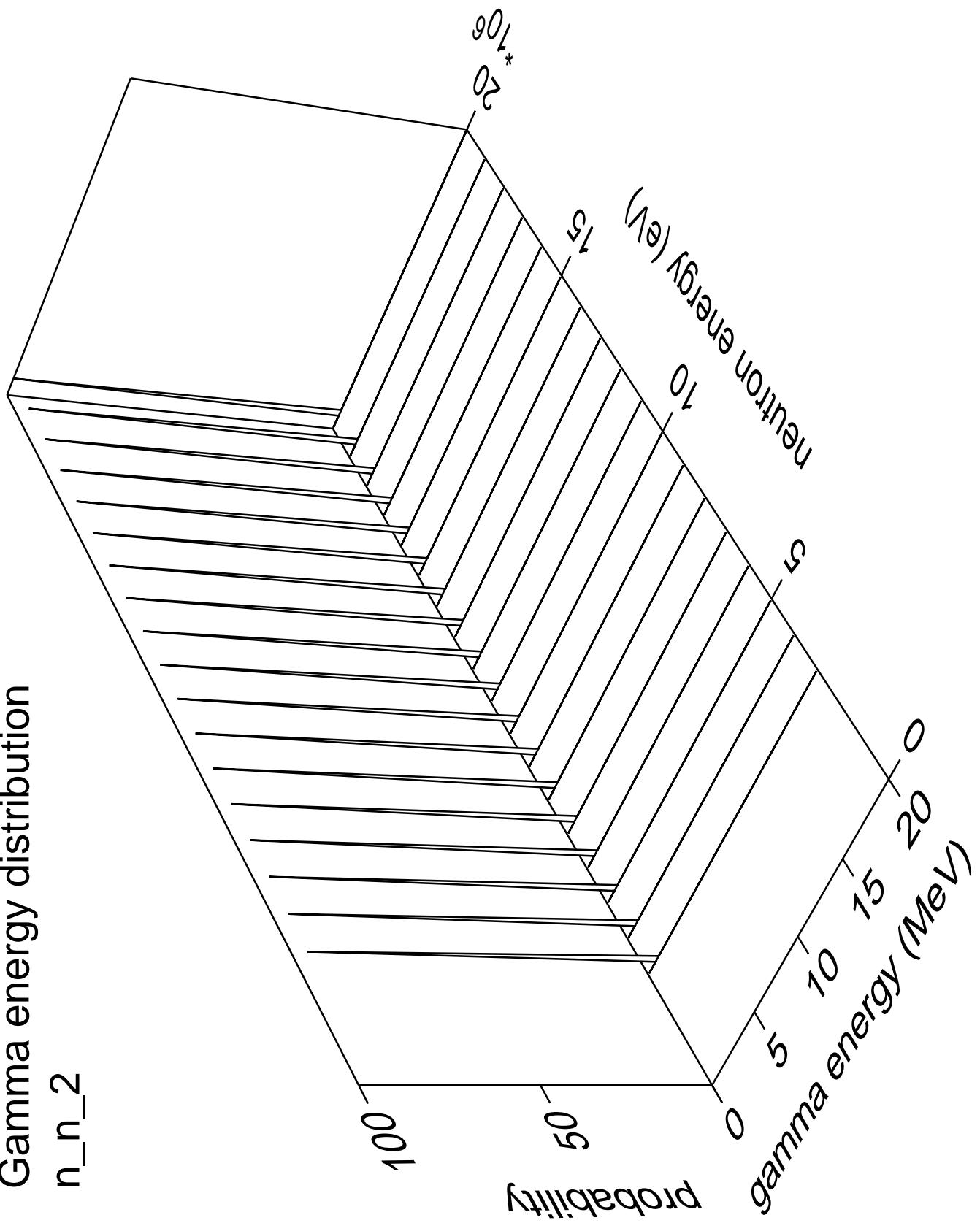
neutron energy (eV)

$10^6$   
 $20$   
 $15$   
 $10$   
 $5$



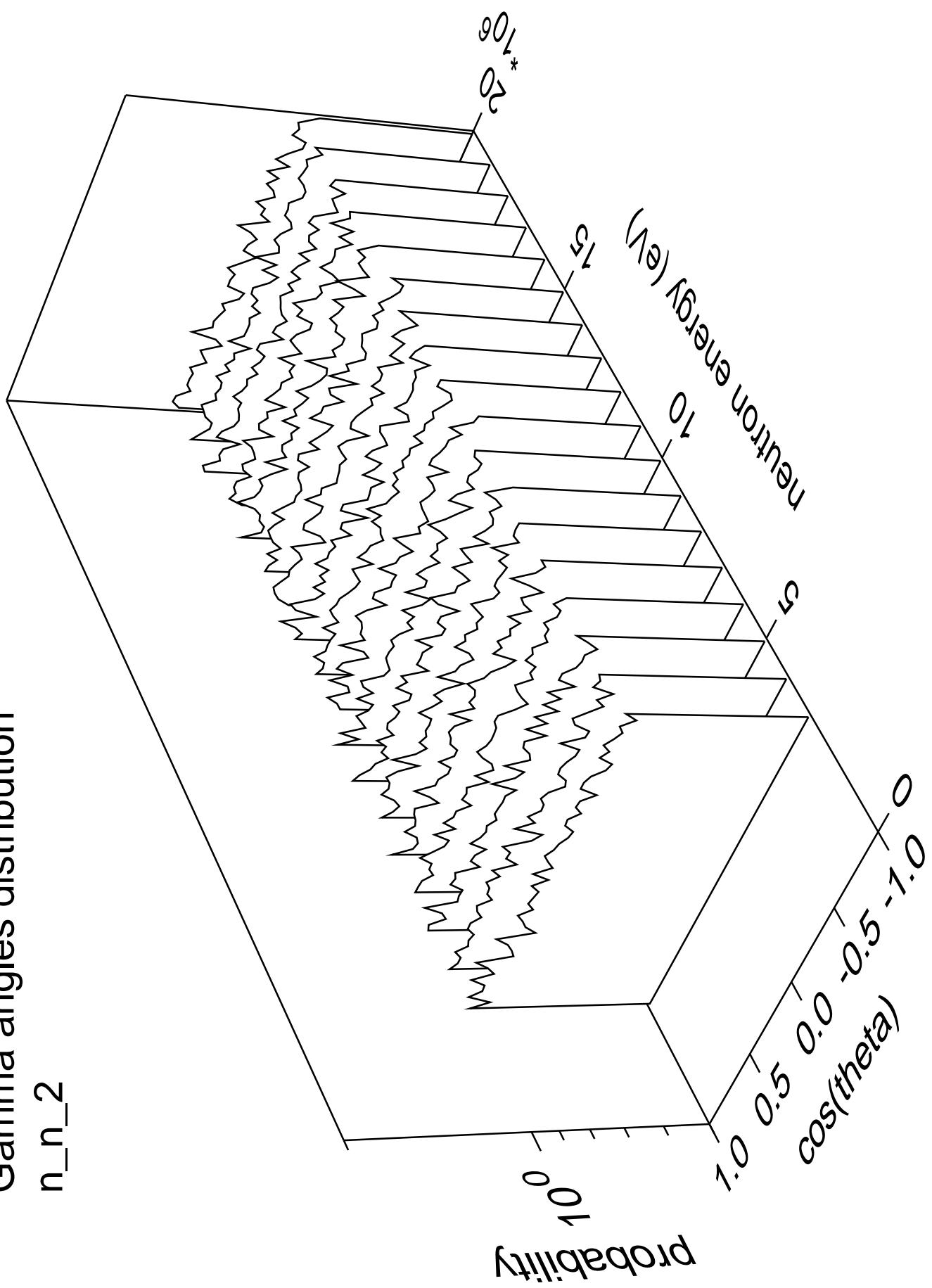
Gamma energy distribution

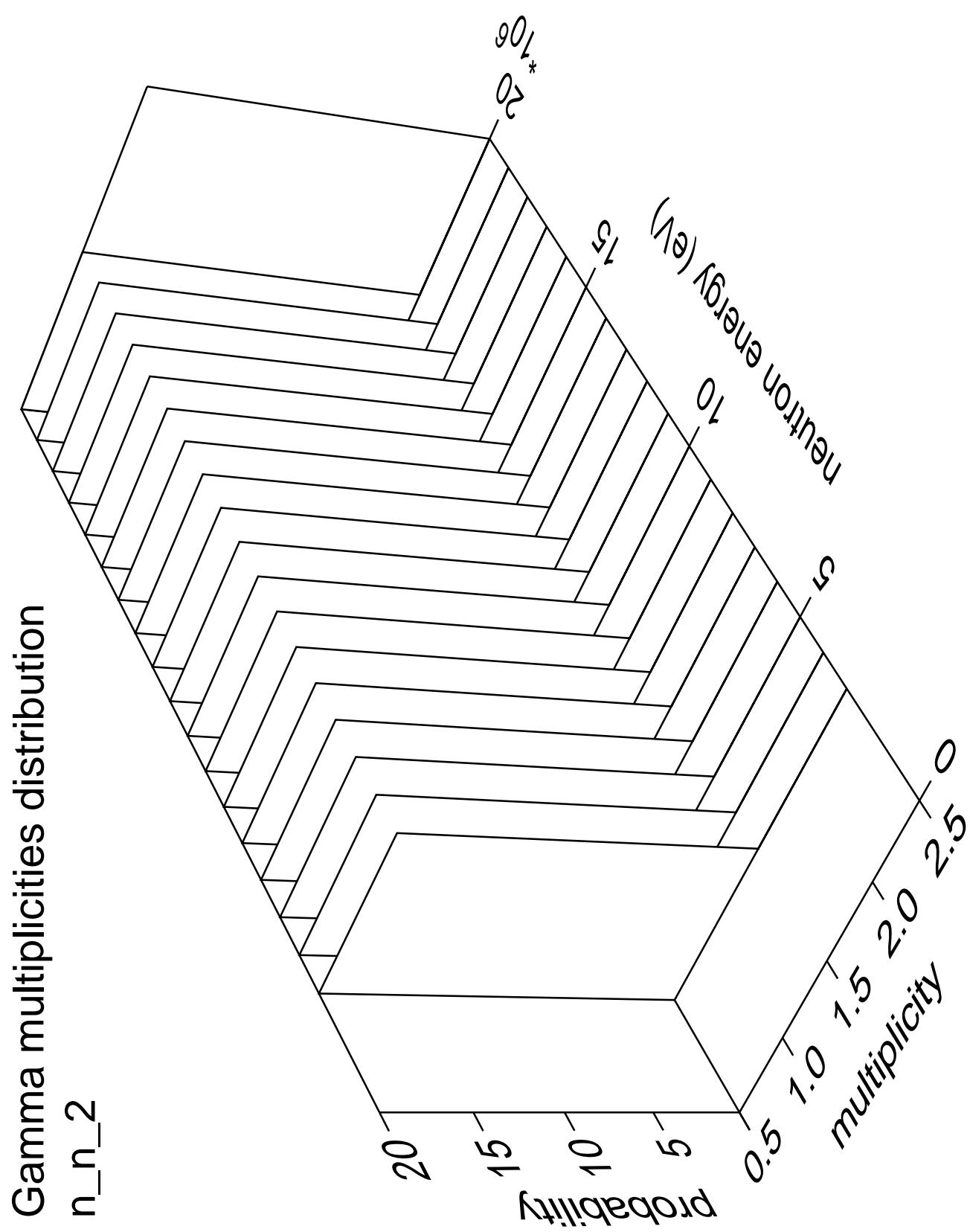
n\_n\_2



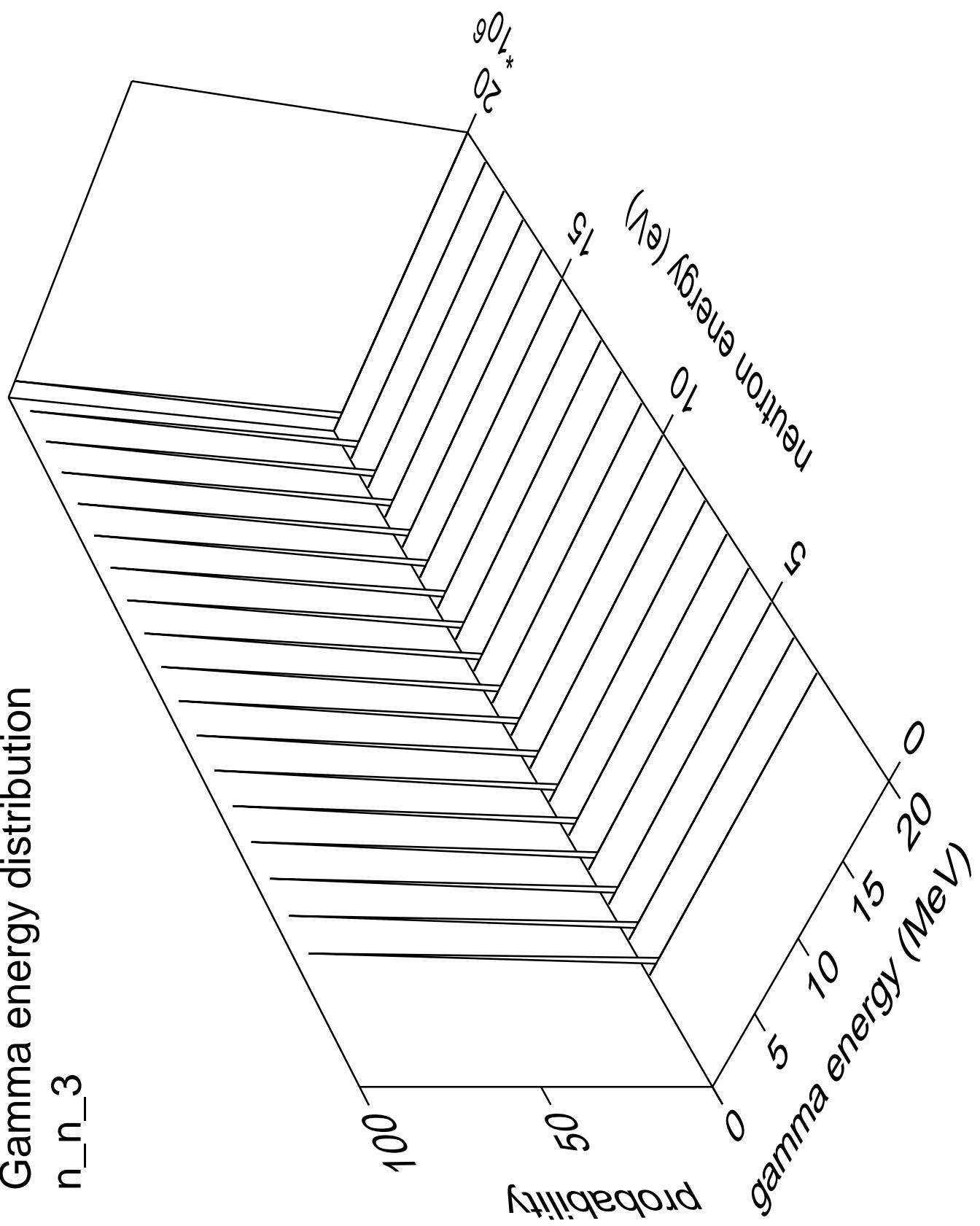
Gamma angles distribution

$n_{n\_2}$



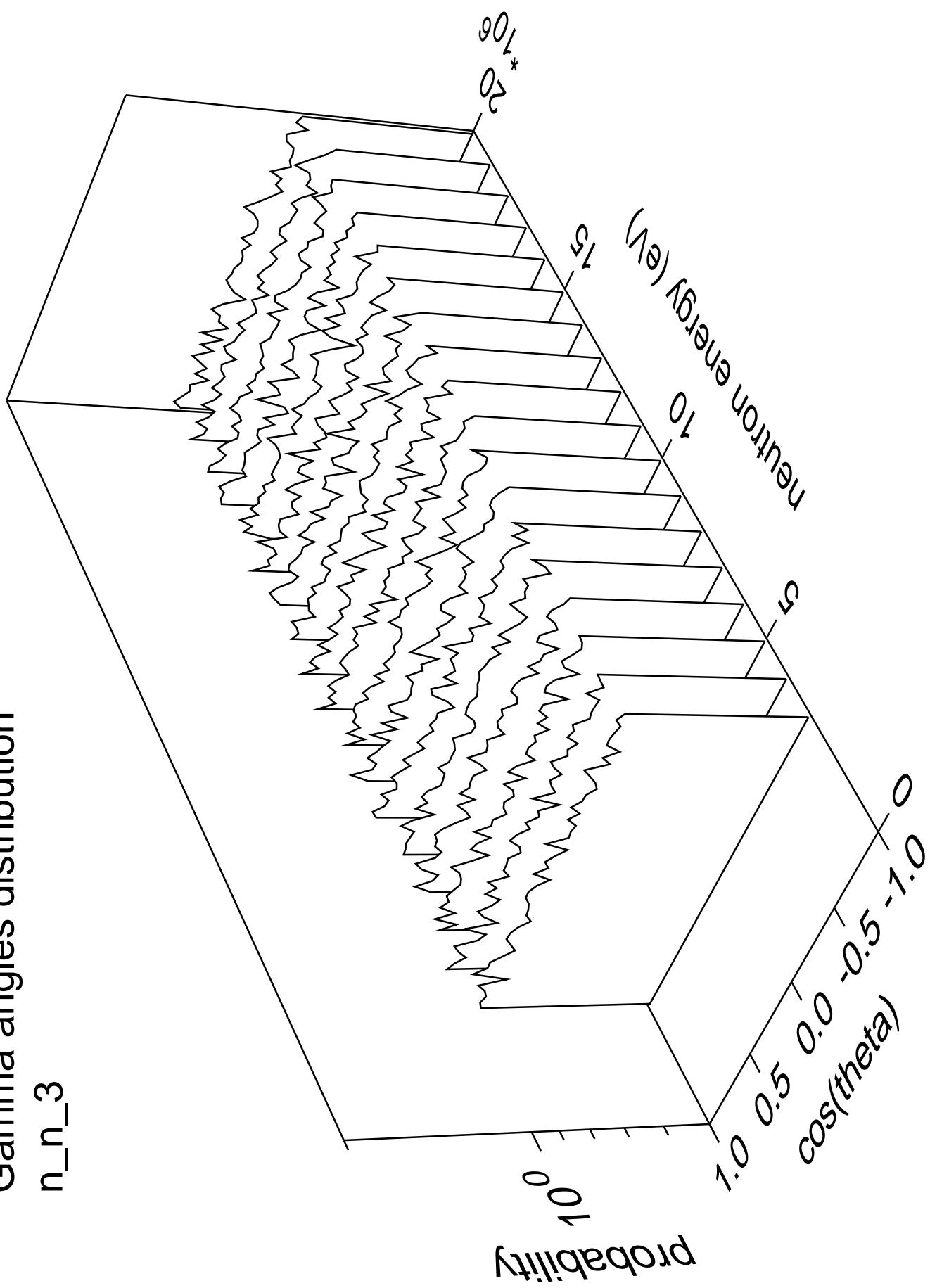


### Gamma energy distribution

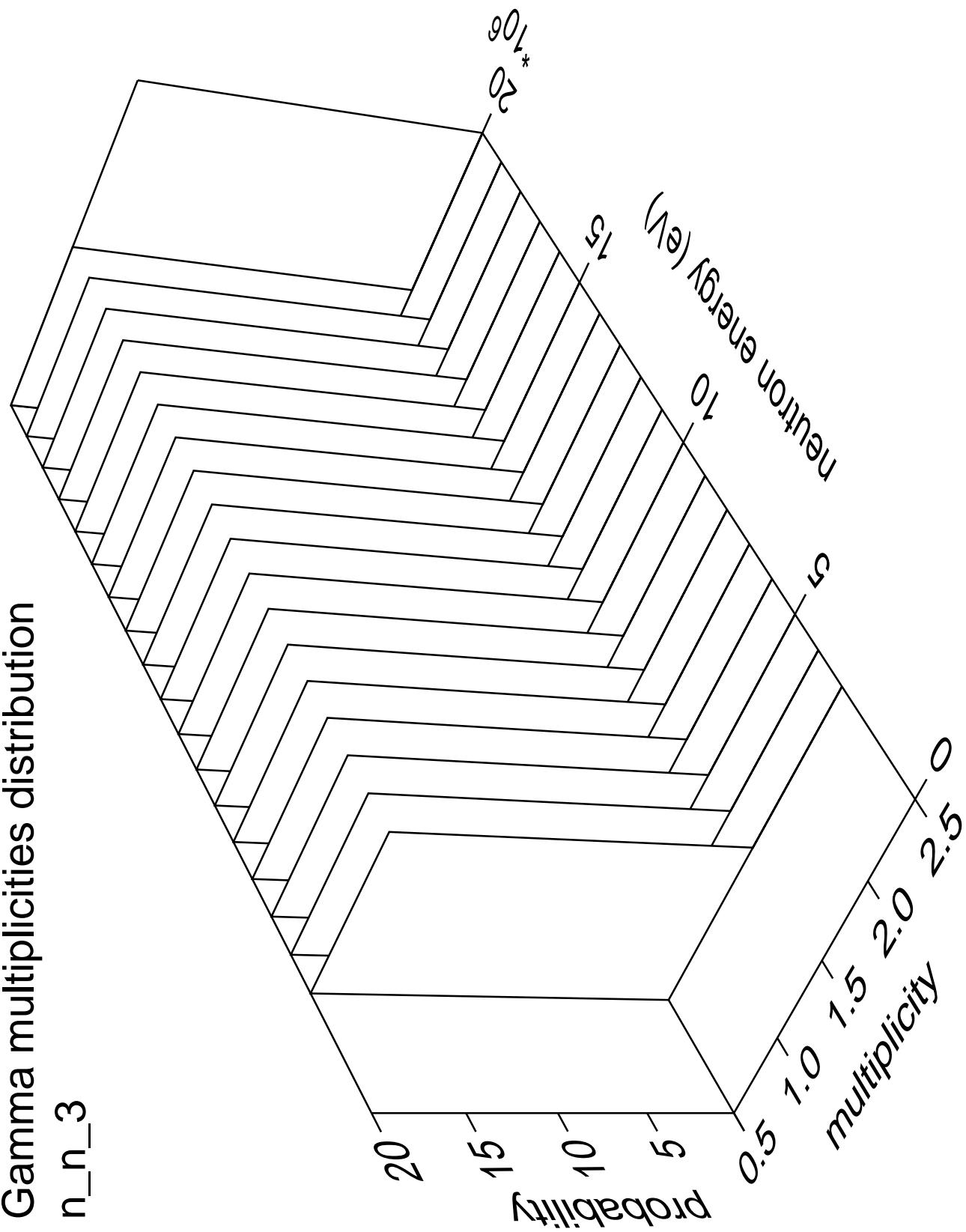


Gamma angles distribution

n\_n\_3

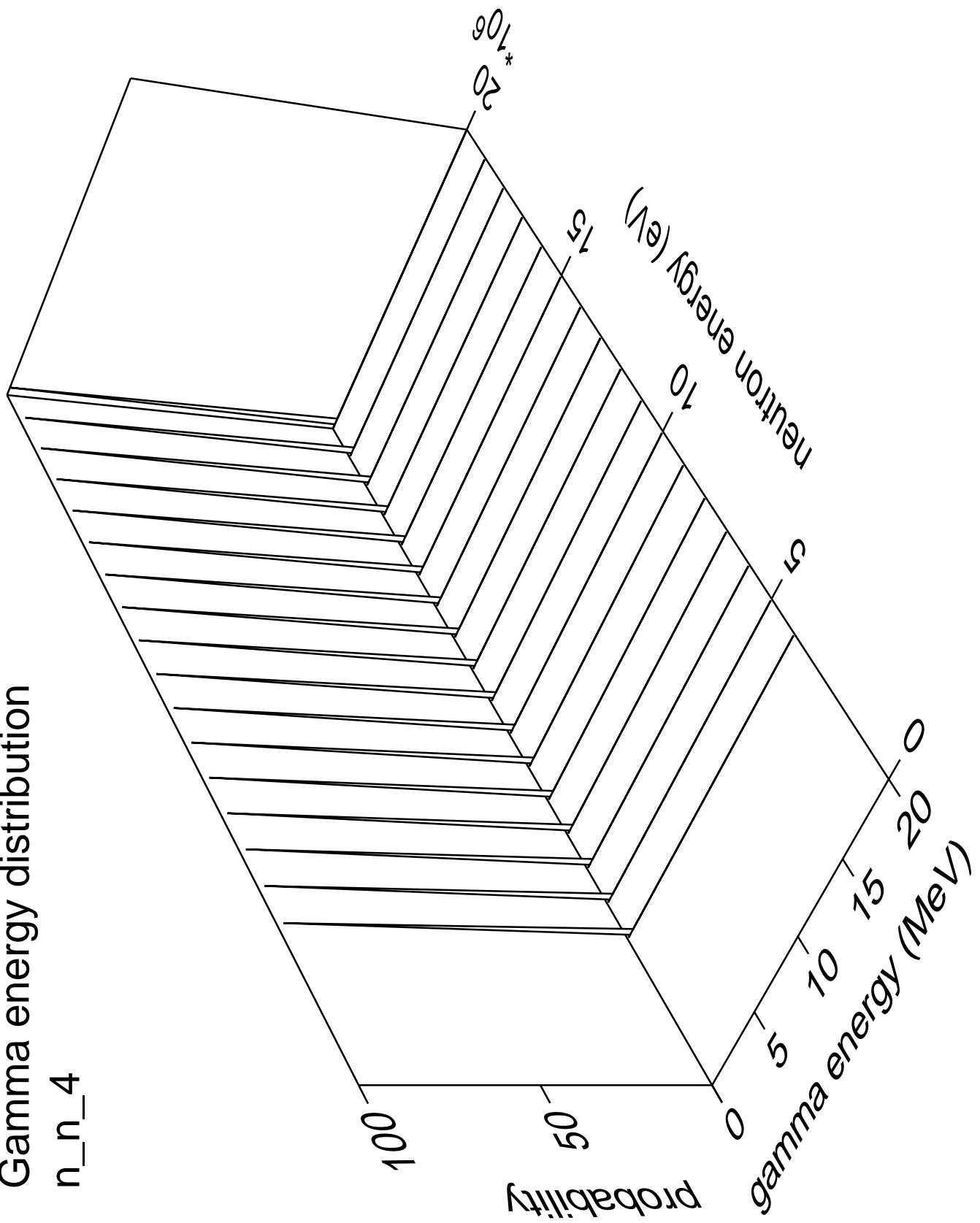


### Gamma multiplicities distribution



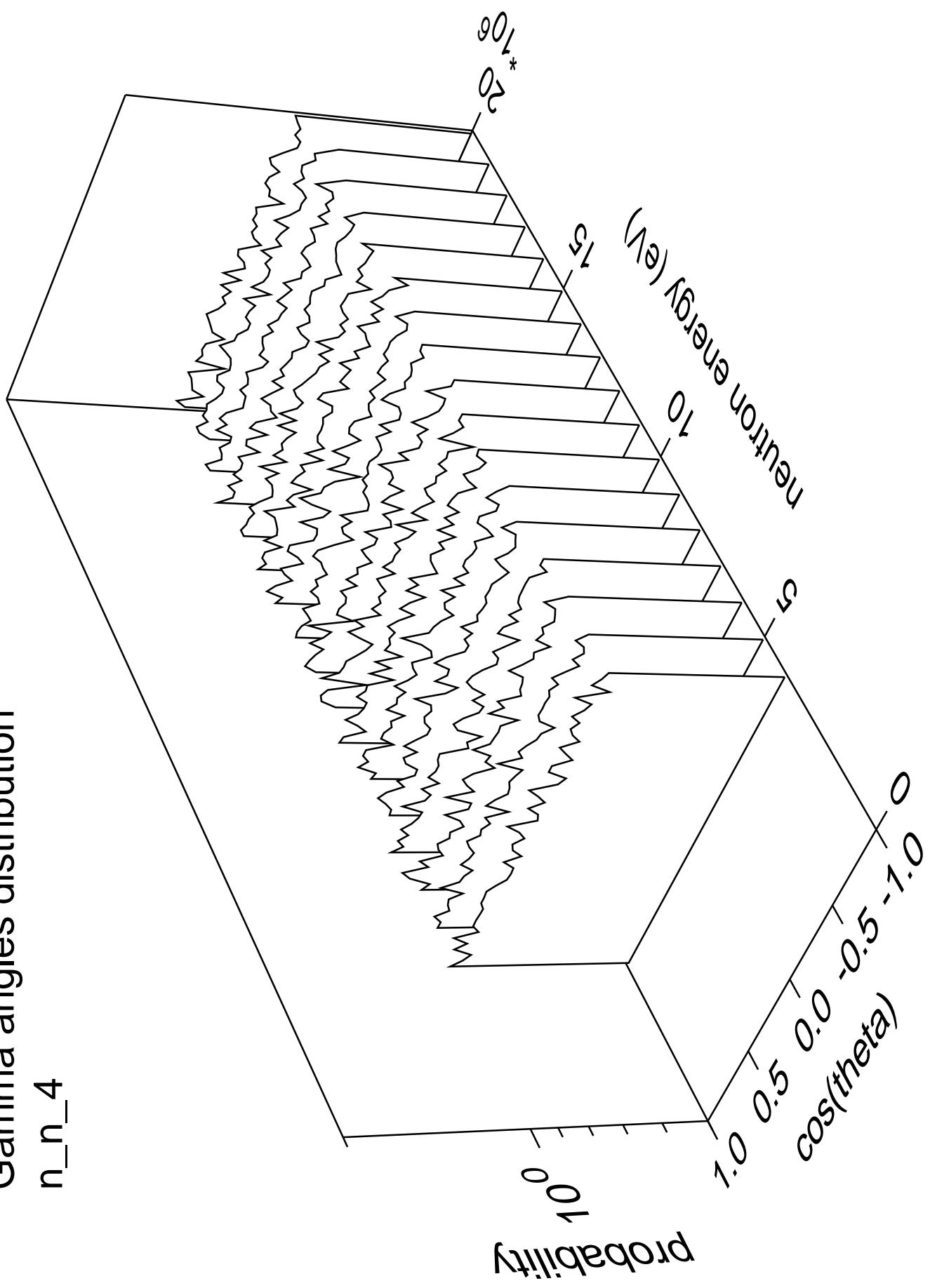
# n\_n\_4

## Gamma energy distribution

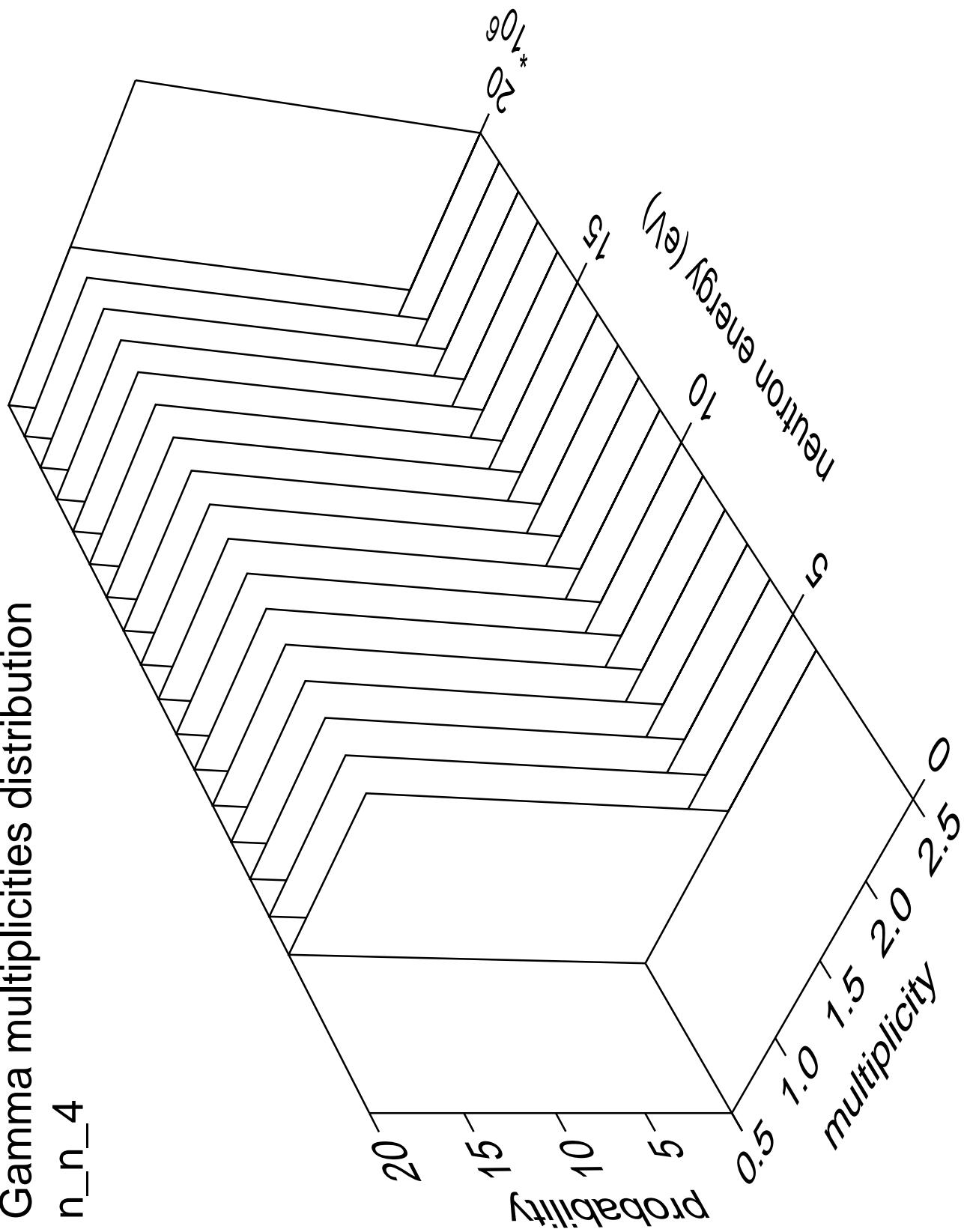


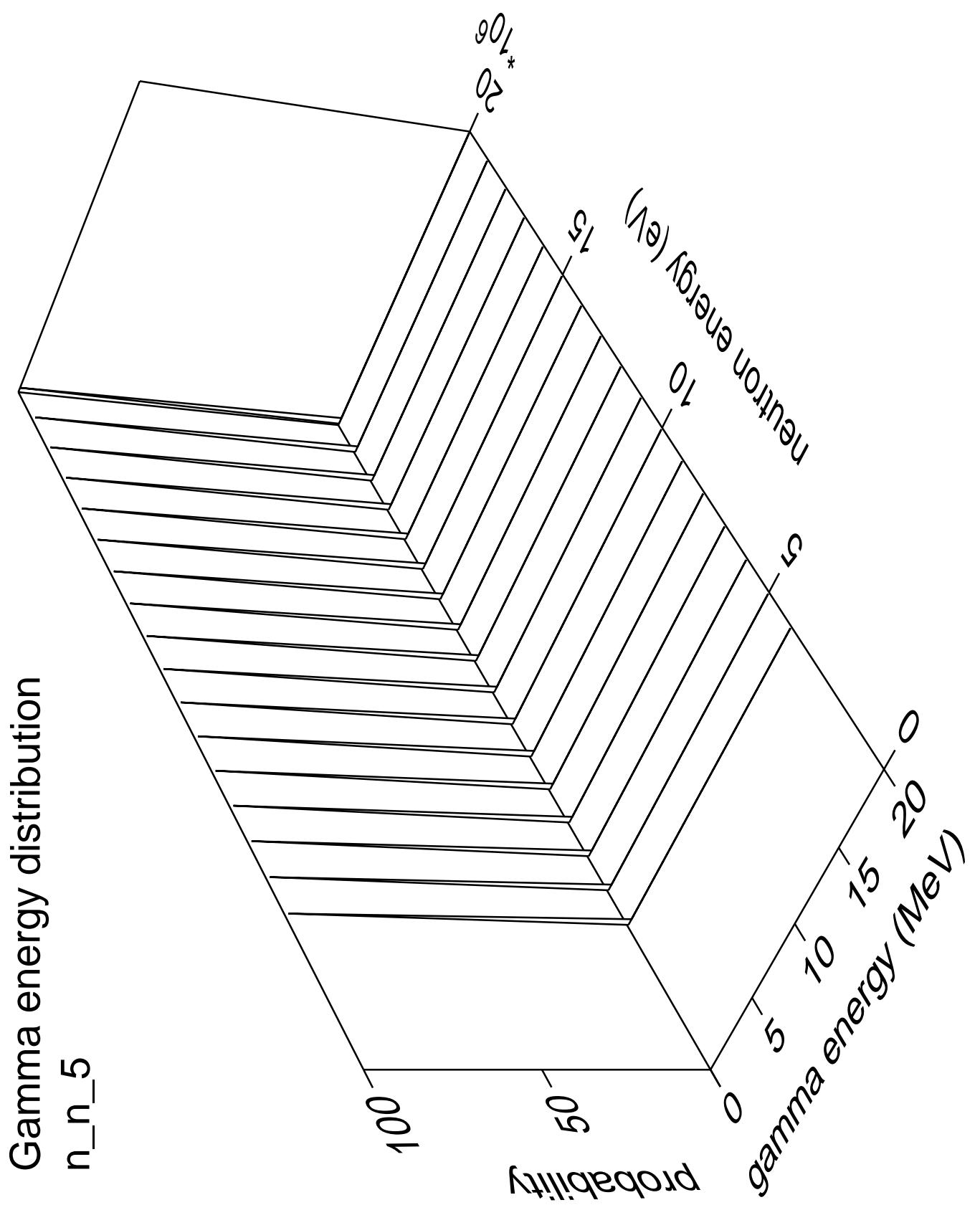
Gamma angles distribution

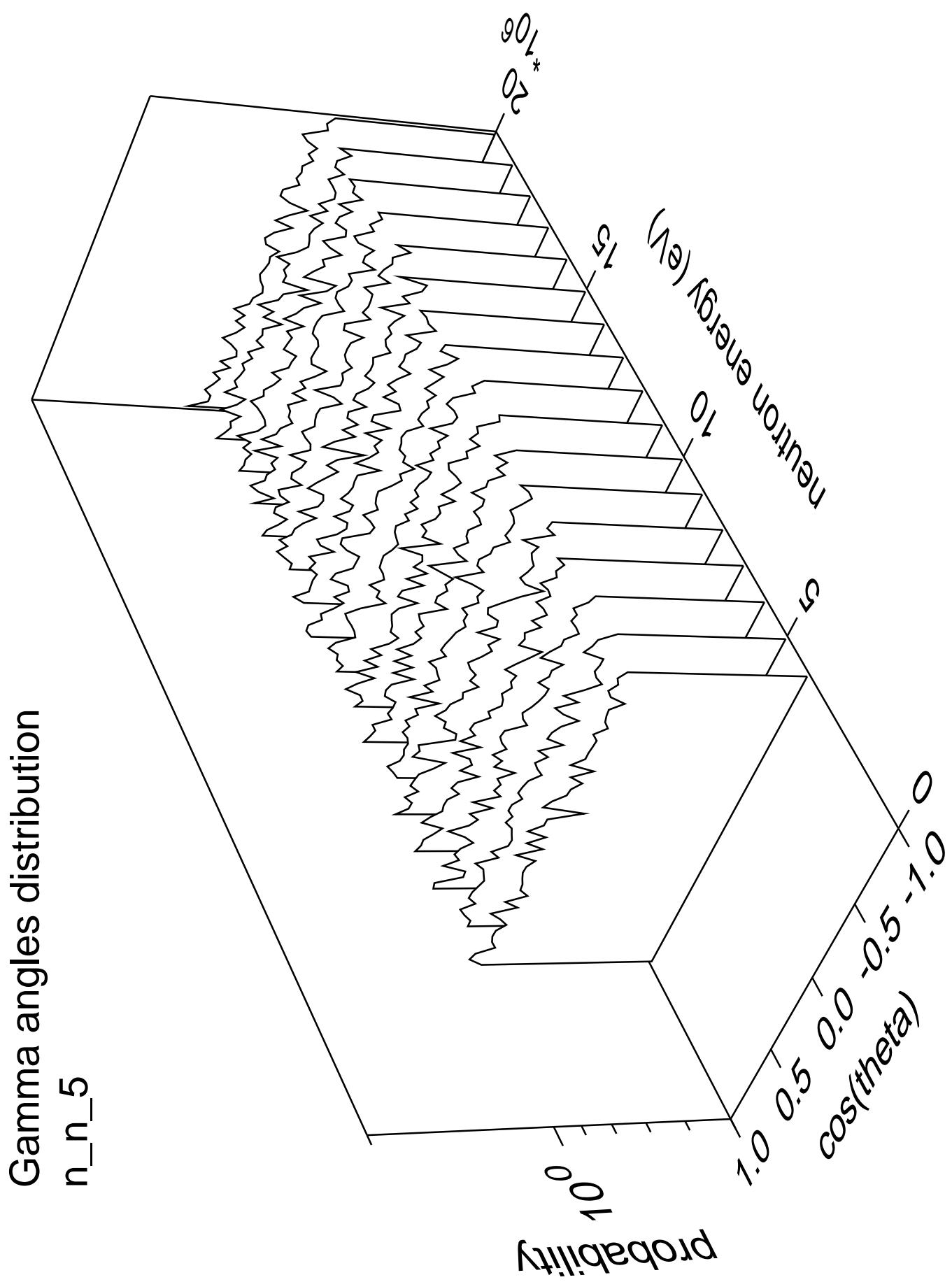
n\_n\_4



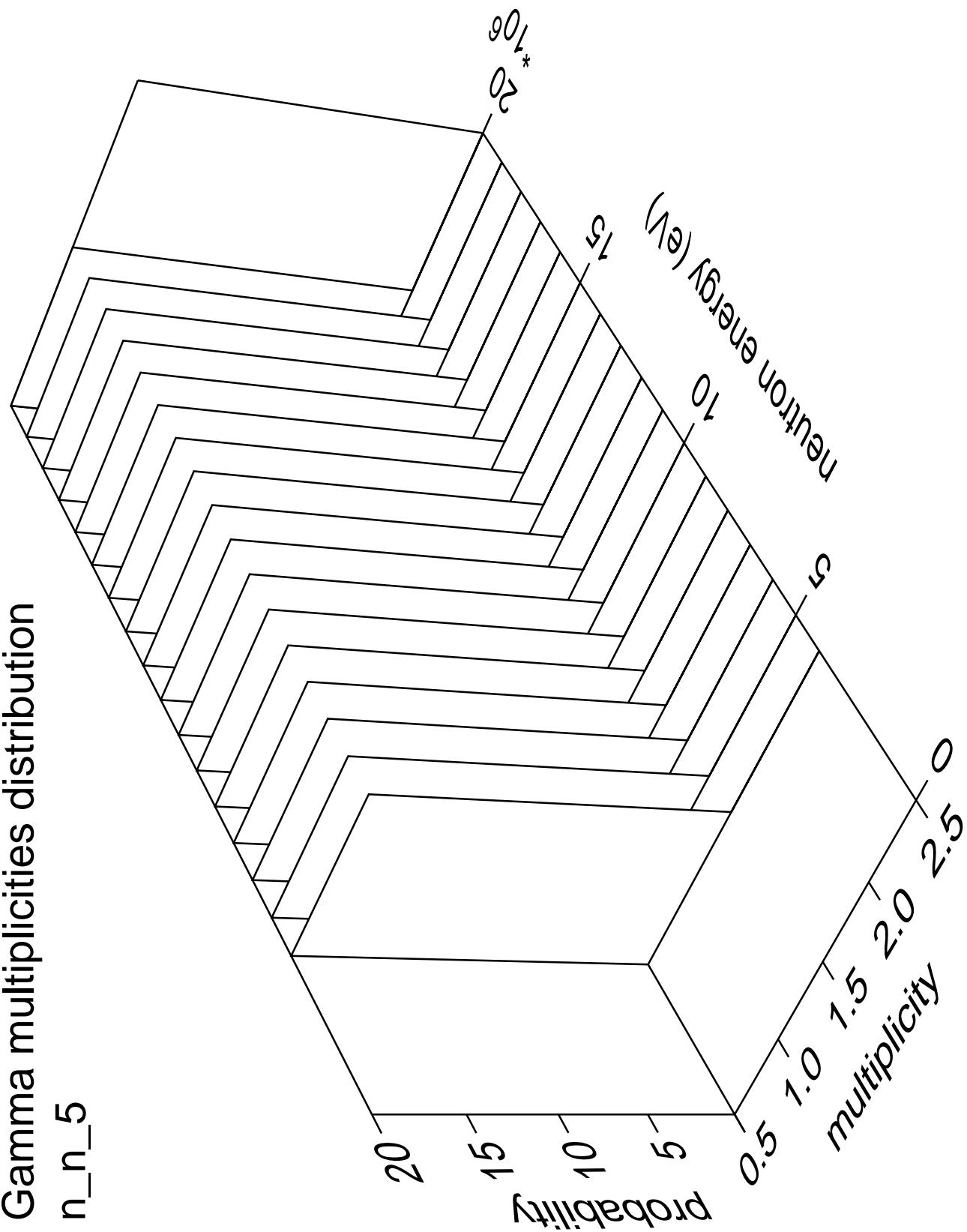
## Gamma multiplicities distribution

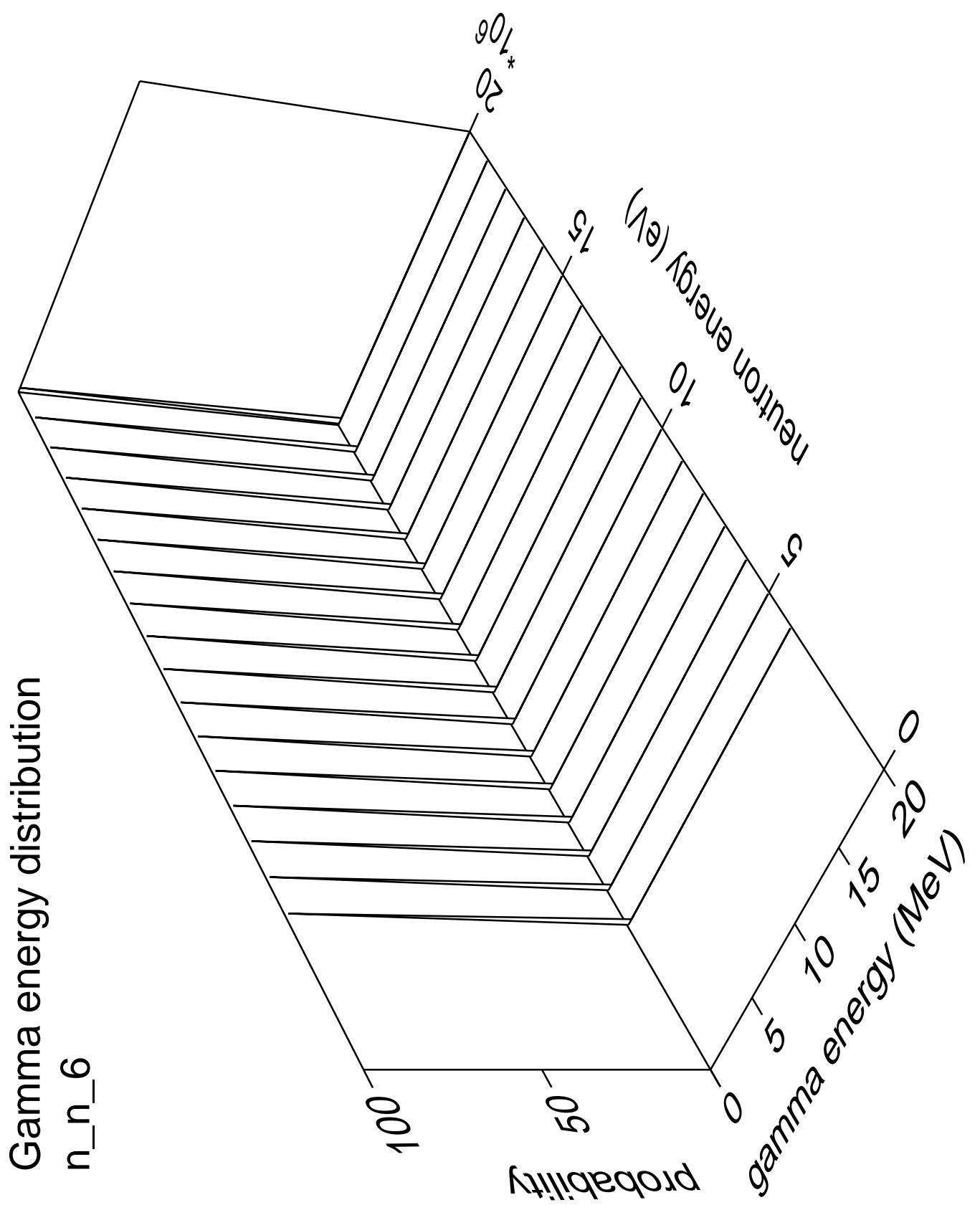






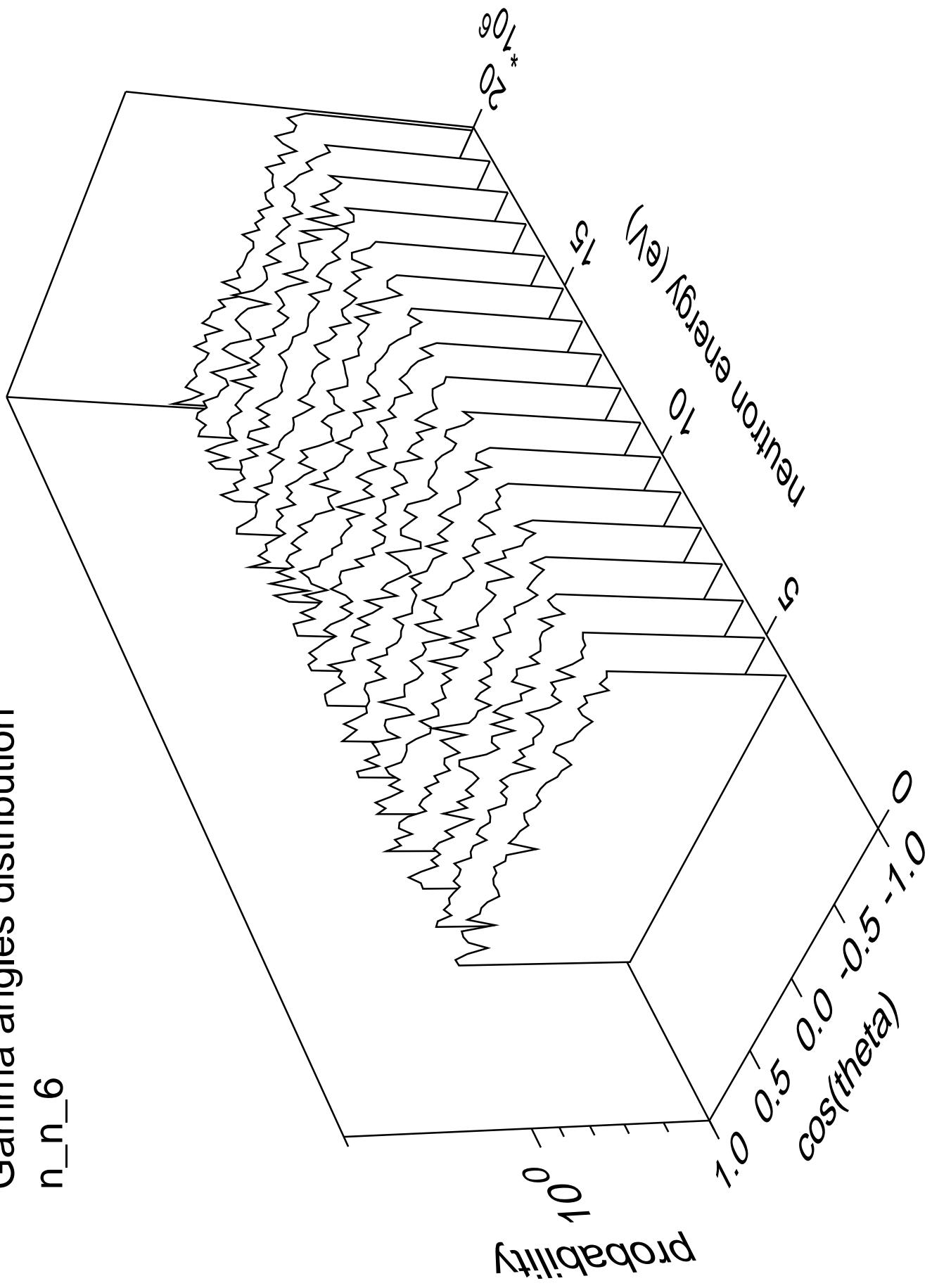
## Gamma multiplicities distribution



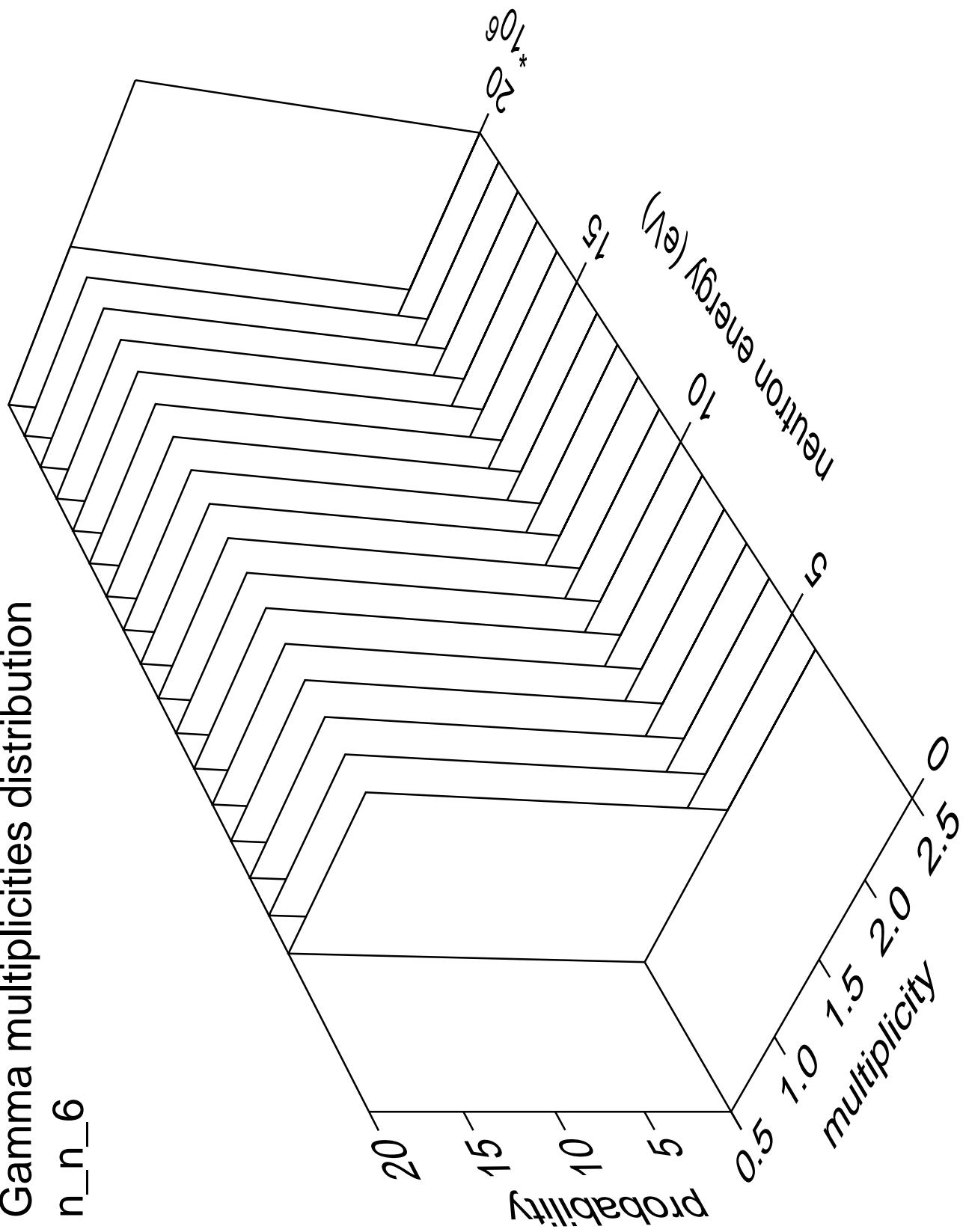


Gamma angles distribution

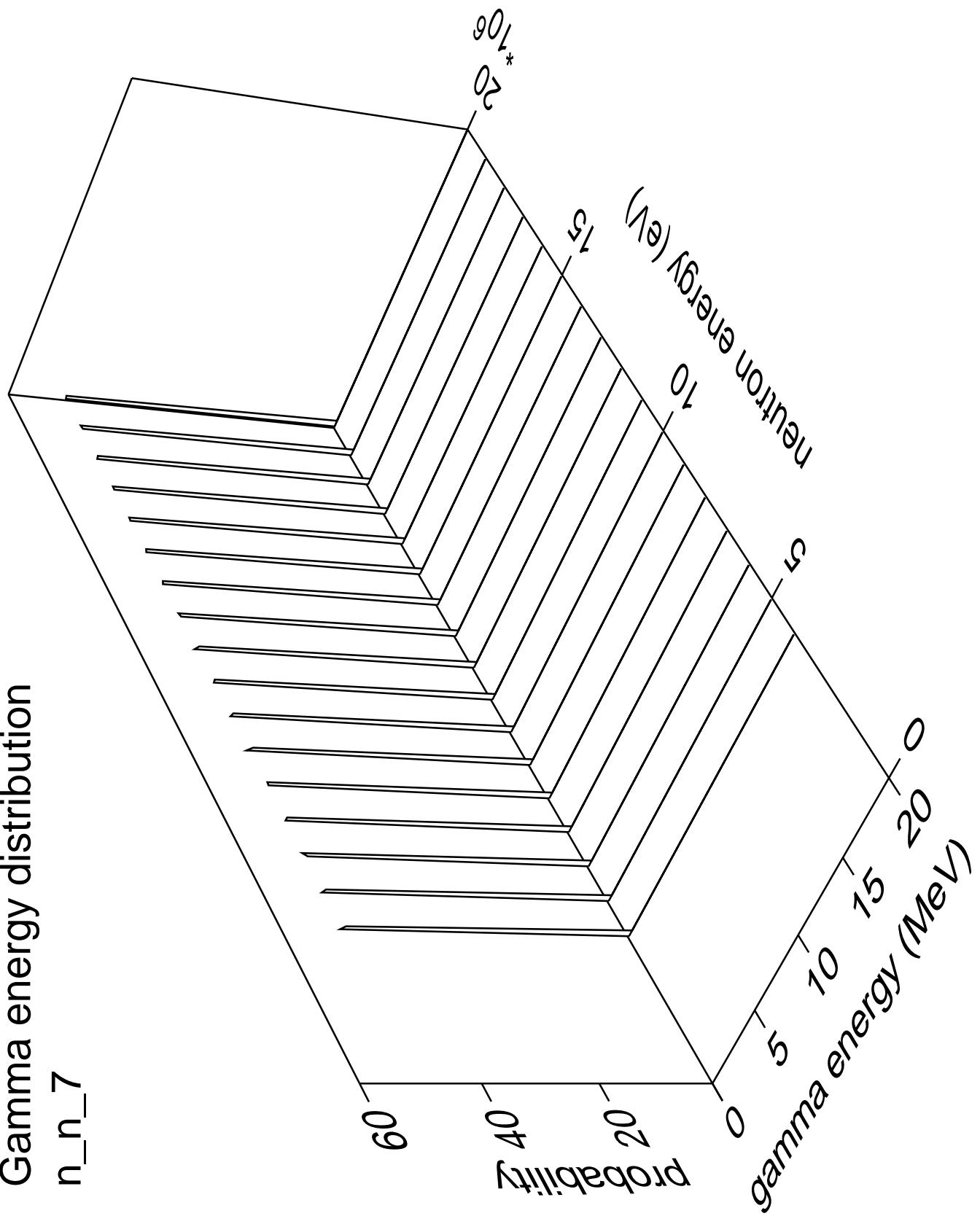
n\_n\_6



## Gamma multiplicities distribution

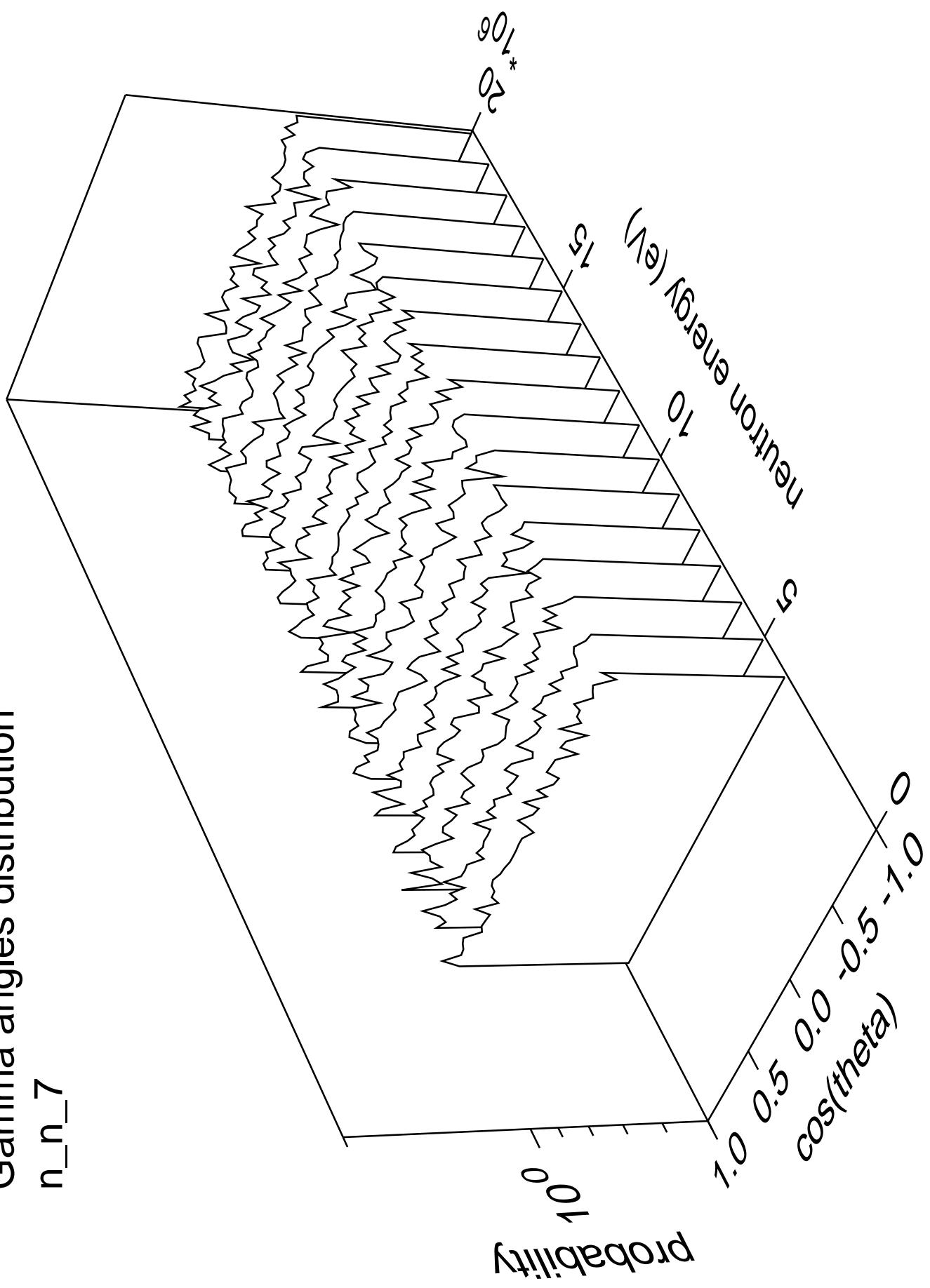


## Gamma energy distribution

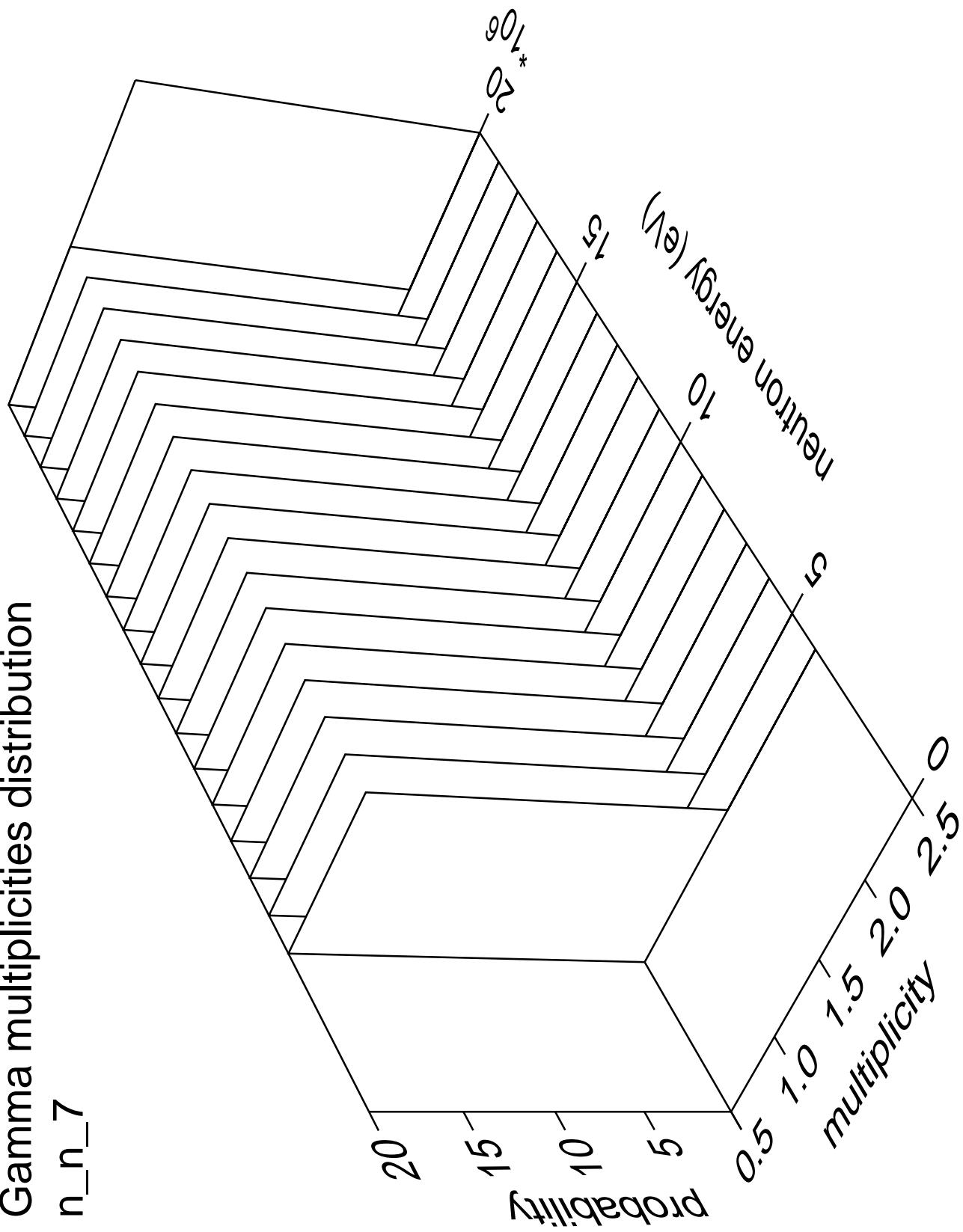


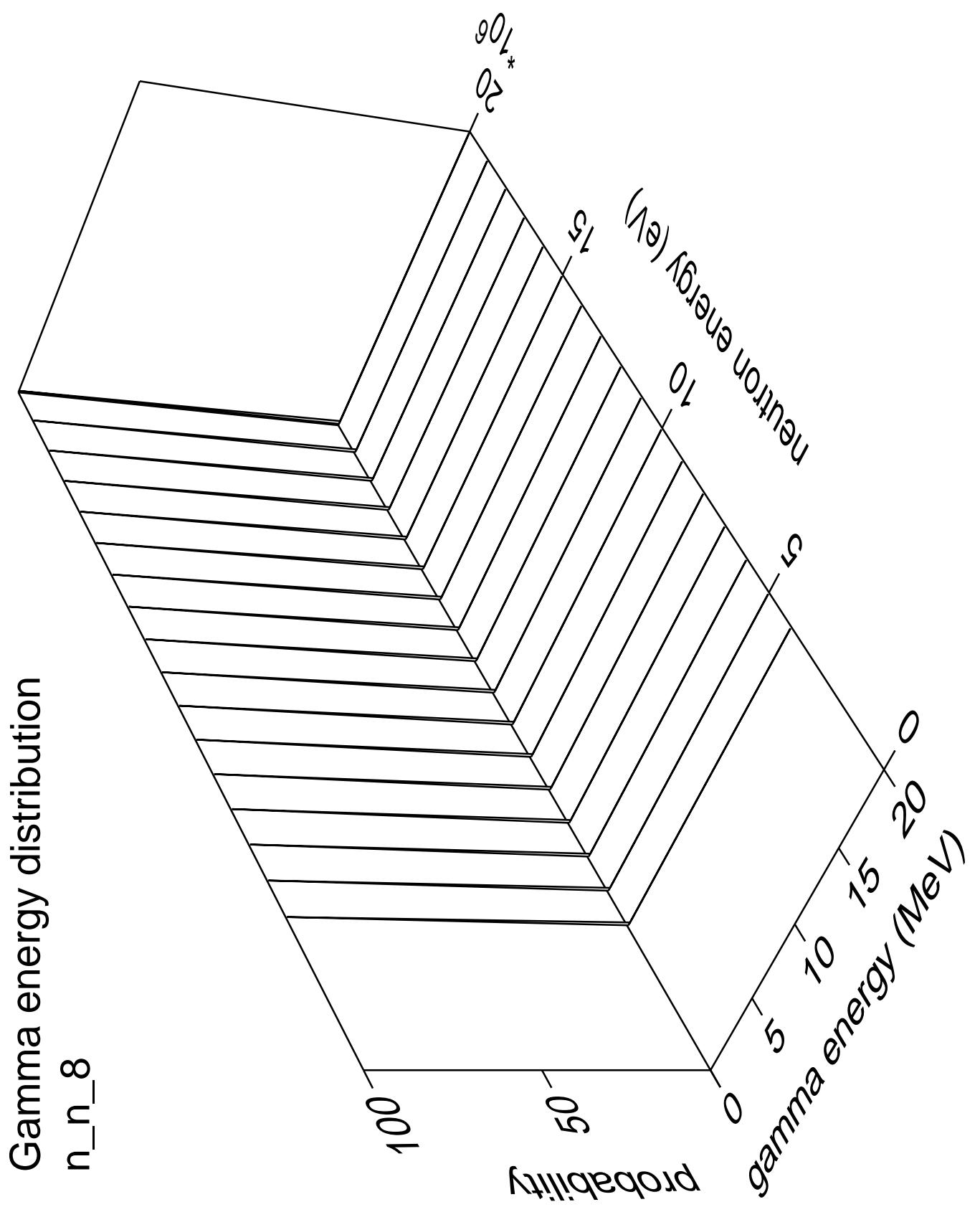
Gamma angles distribution

n\_n\_7



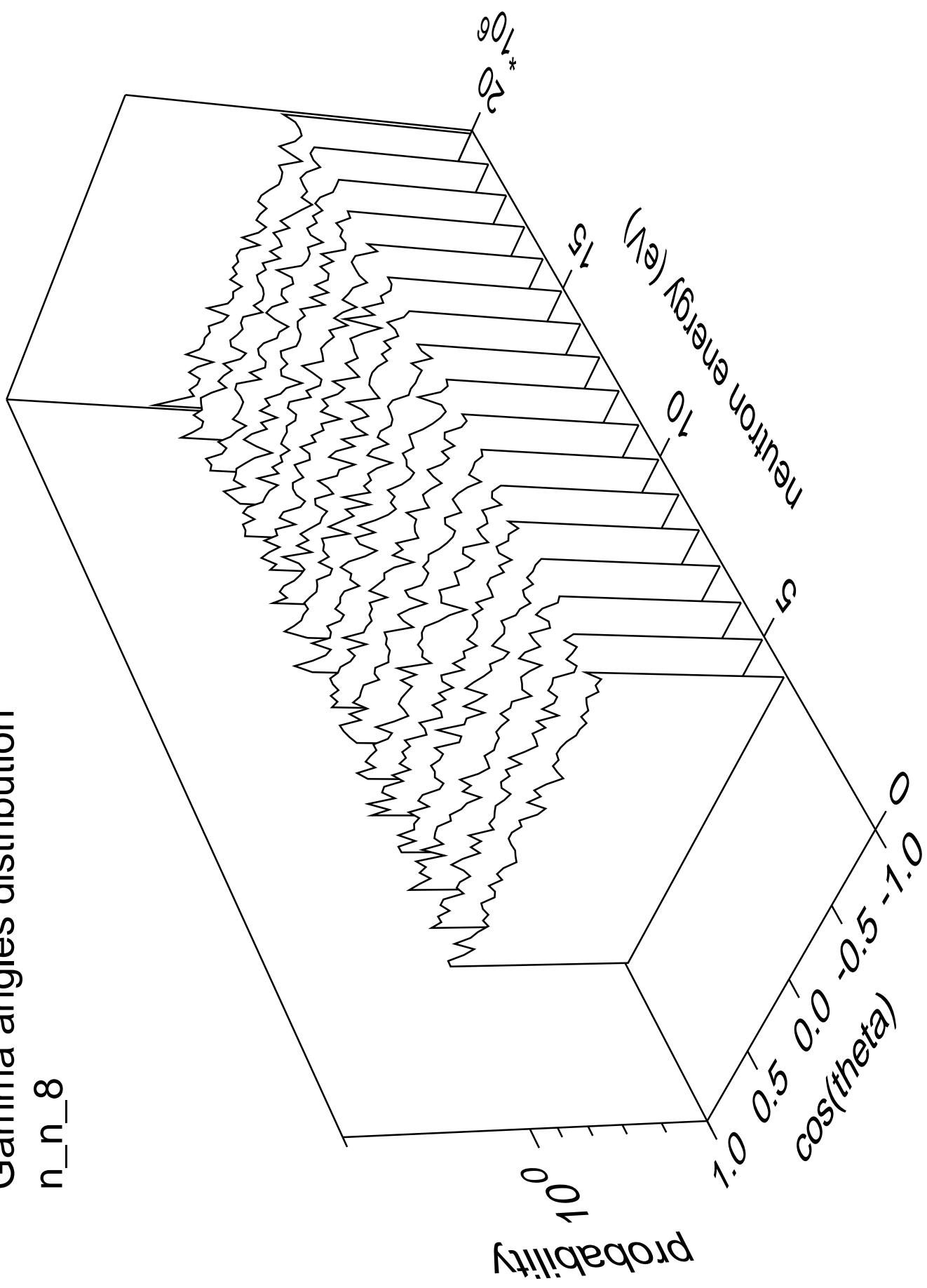
## Gamma multiplicities distribution

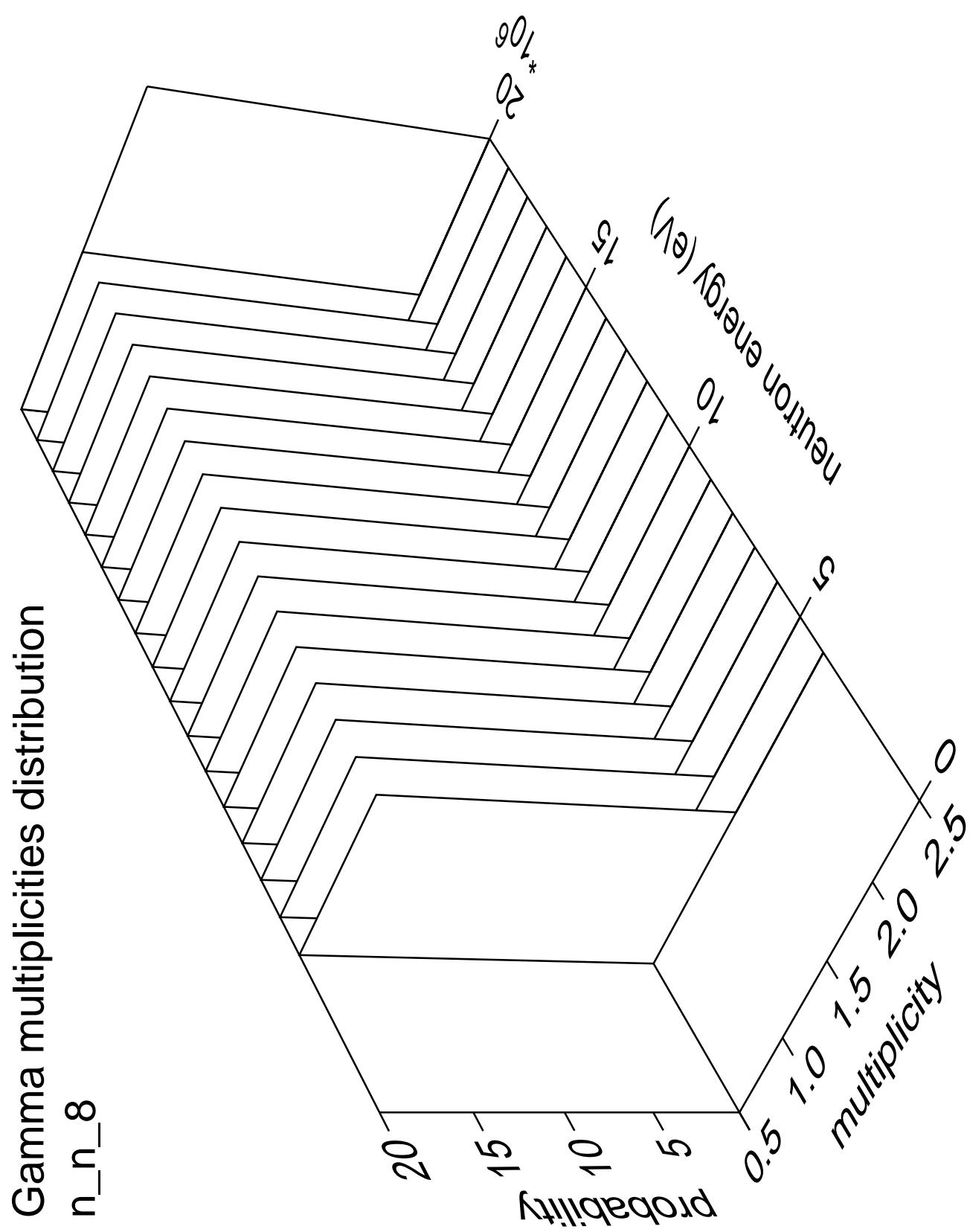


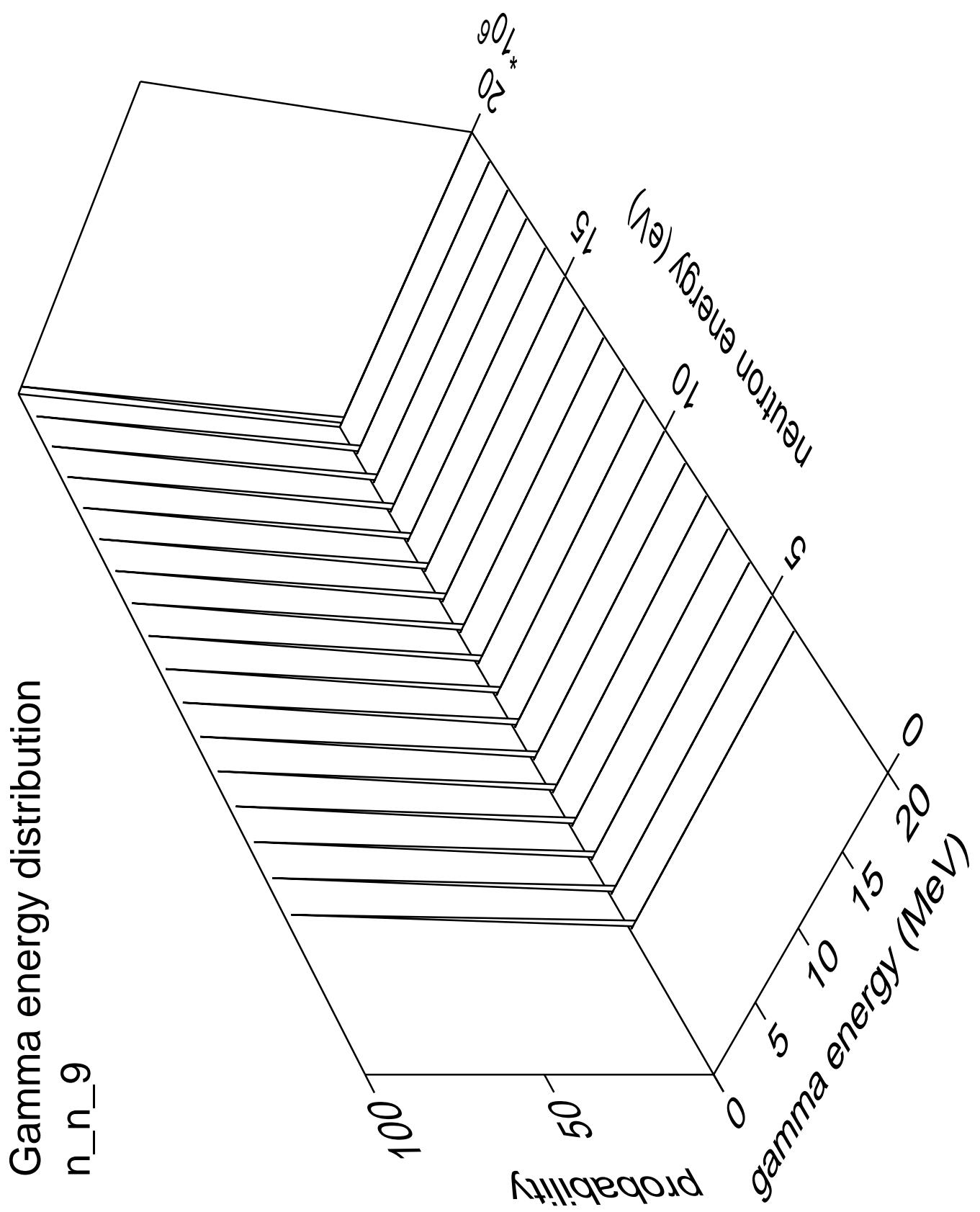


Gamma angles distribution

n\_n\_8

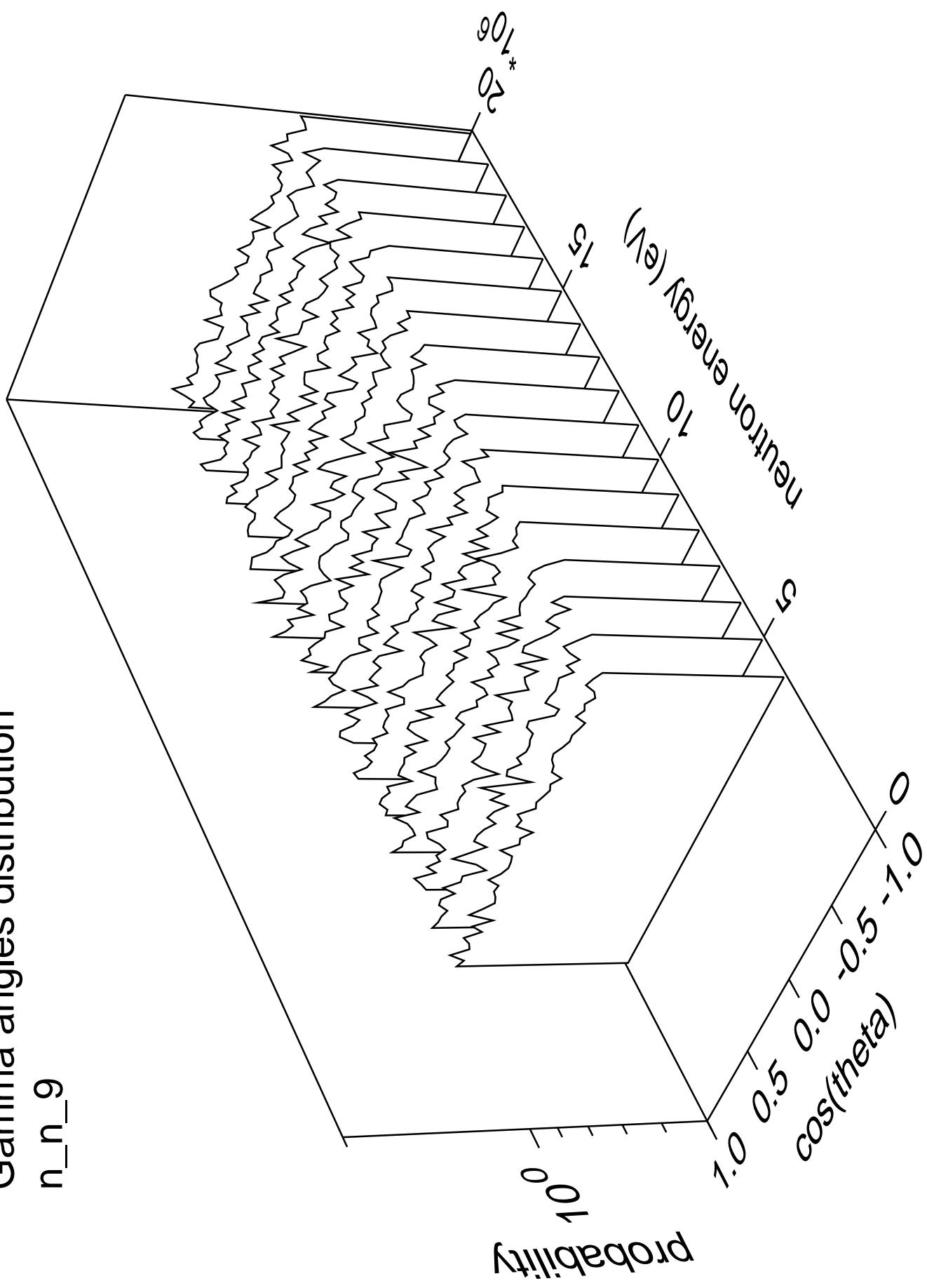




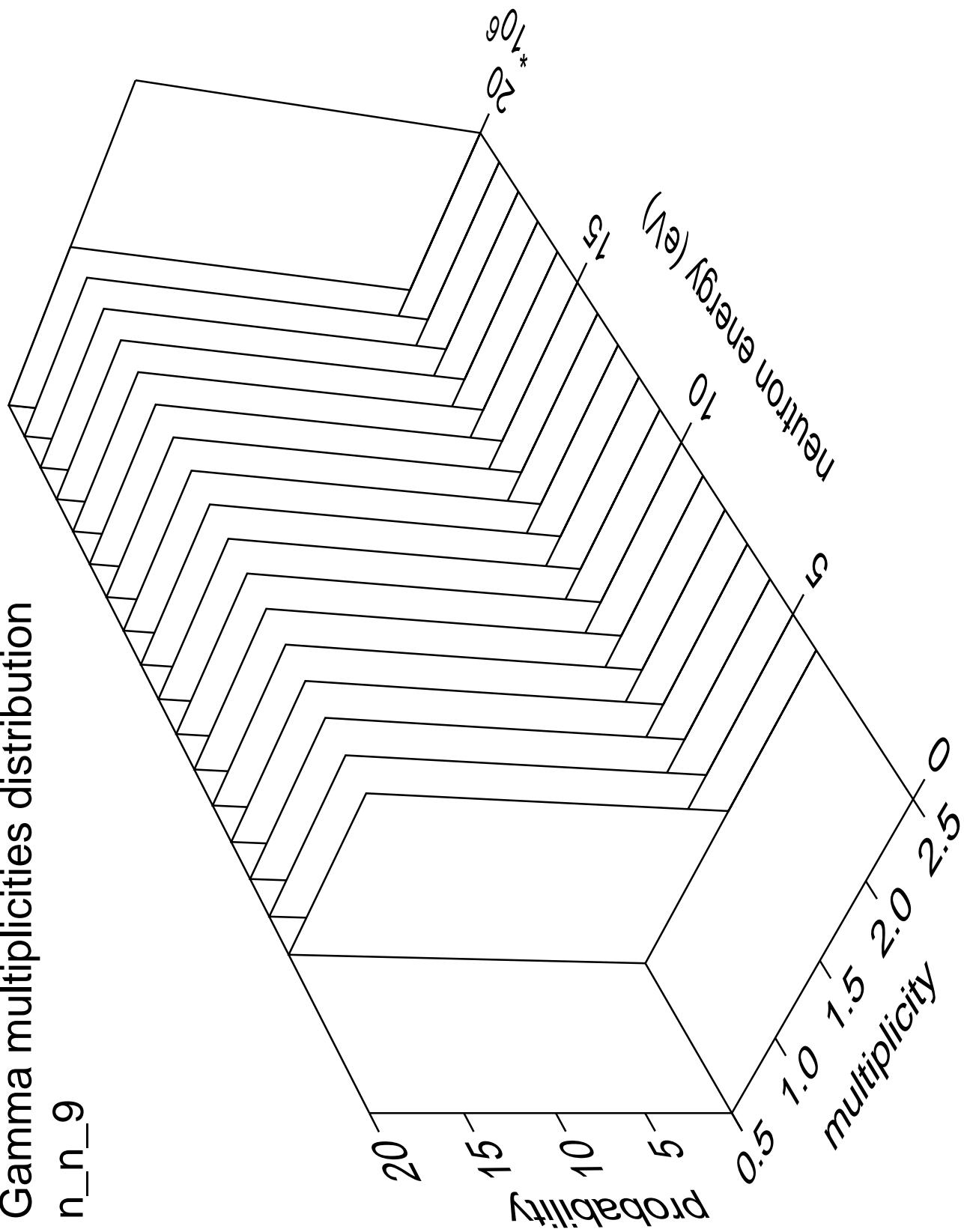


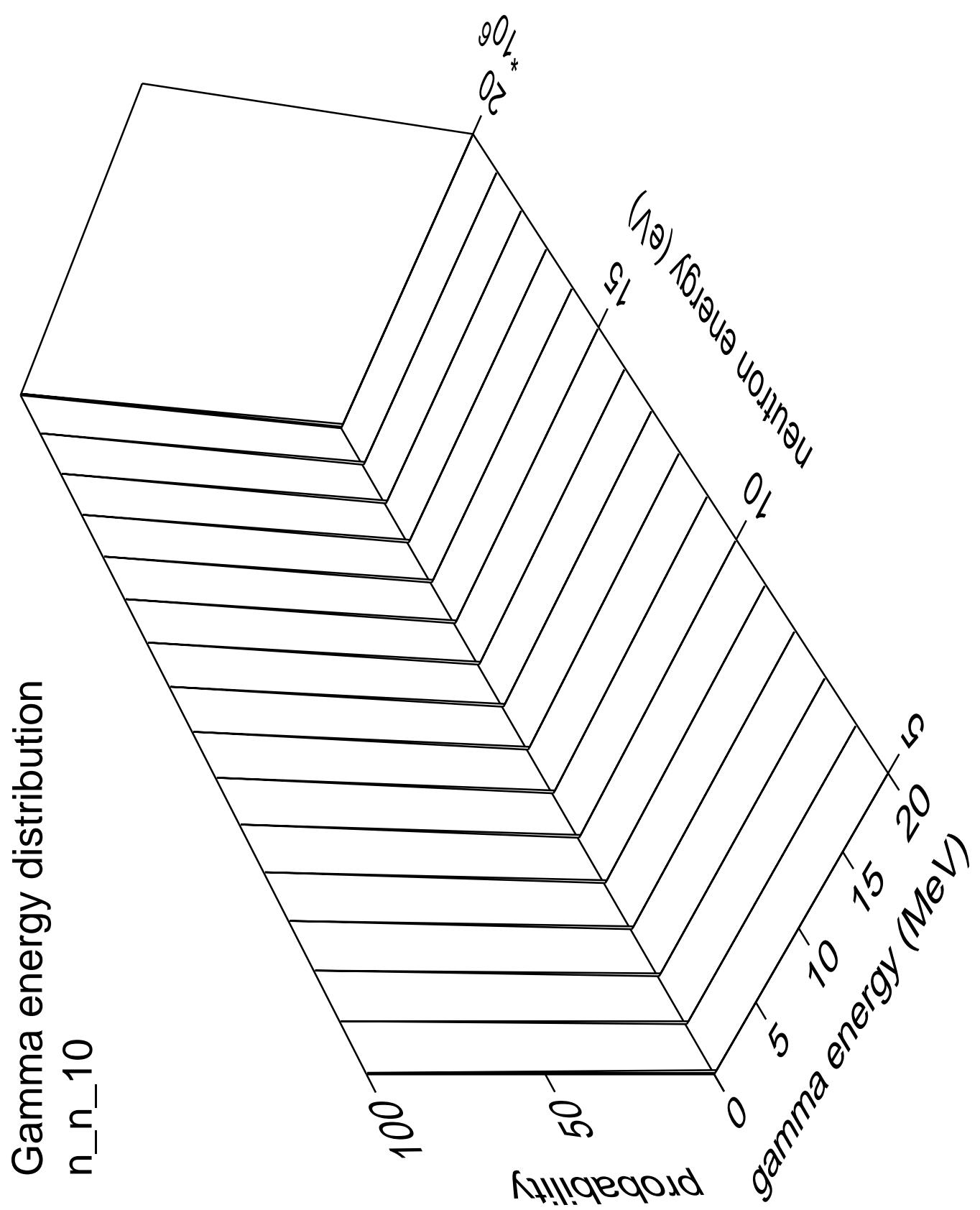
Gamma angles distribution

n\_n\_9



## Gamma multiplicities distribution





Gamma angles distribution

n\_n\_10

Probability

$10^0$

Neutron energy (eV)

$10^6$

$10^5$

$10^4$

$10^3$

$10^2$

$10^1$

$10^0$

$\cos(\theta)$

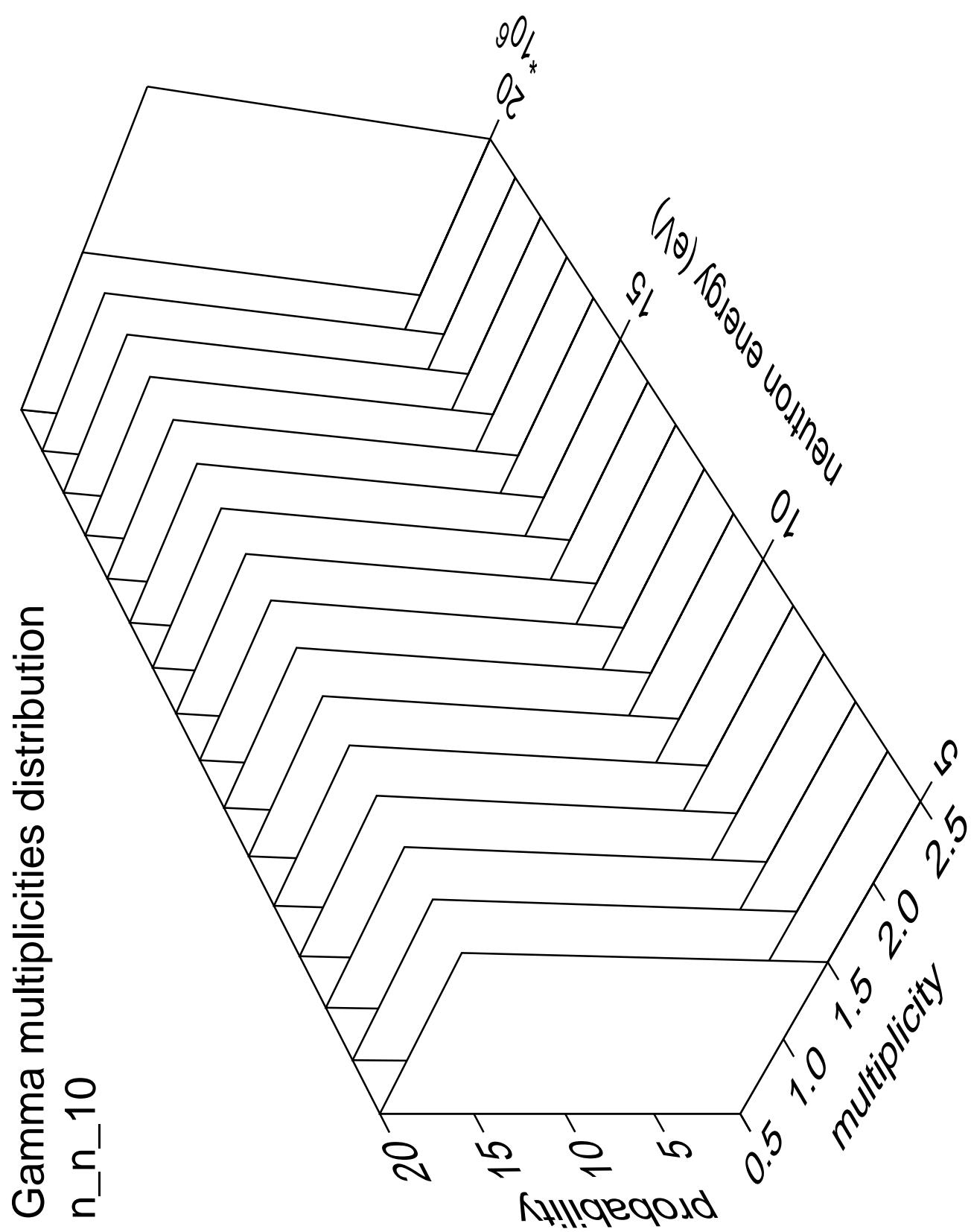
1.0

0.5

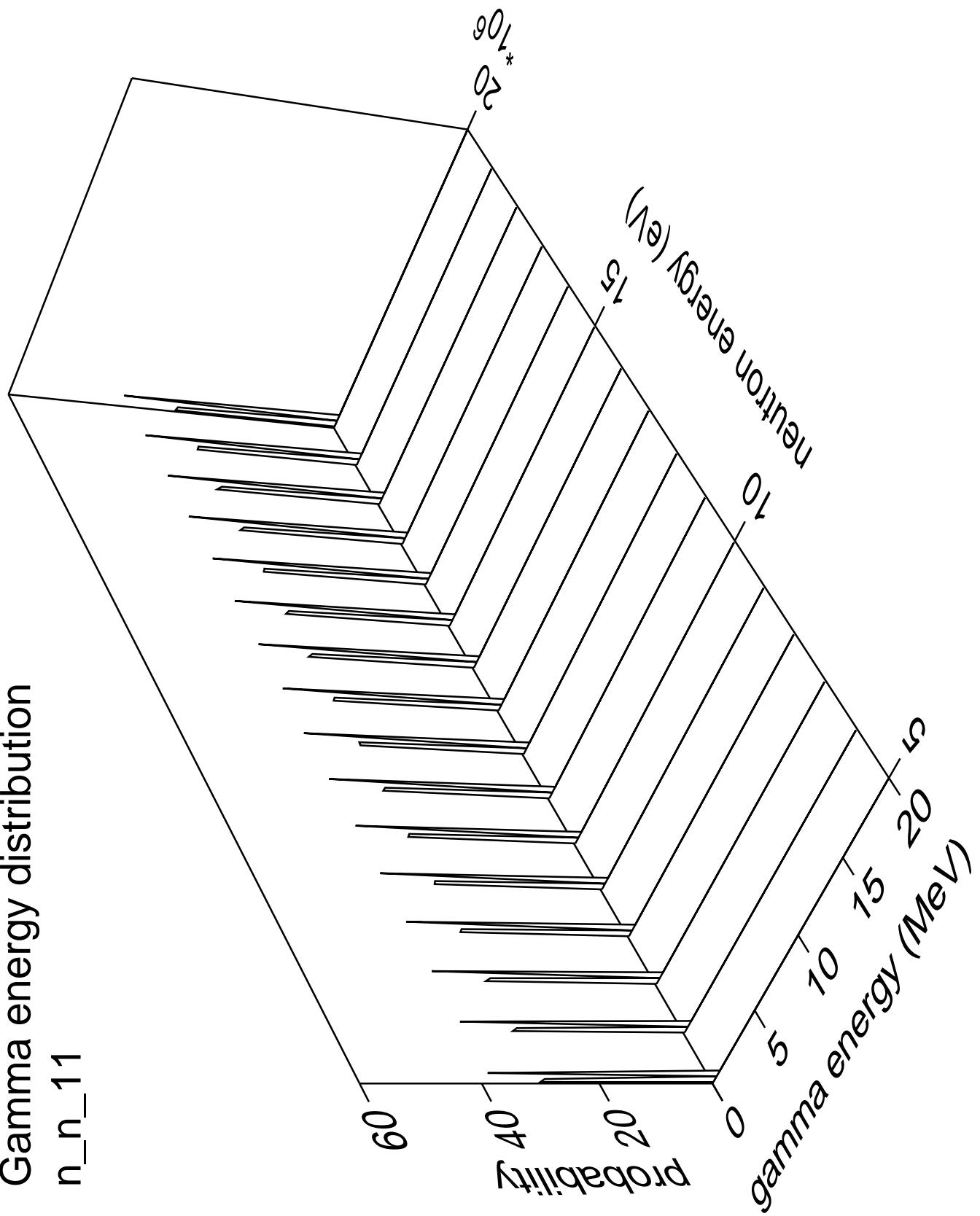
0.0

-0.5

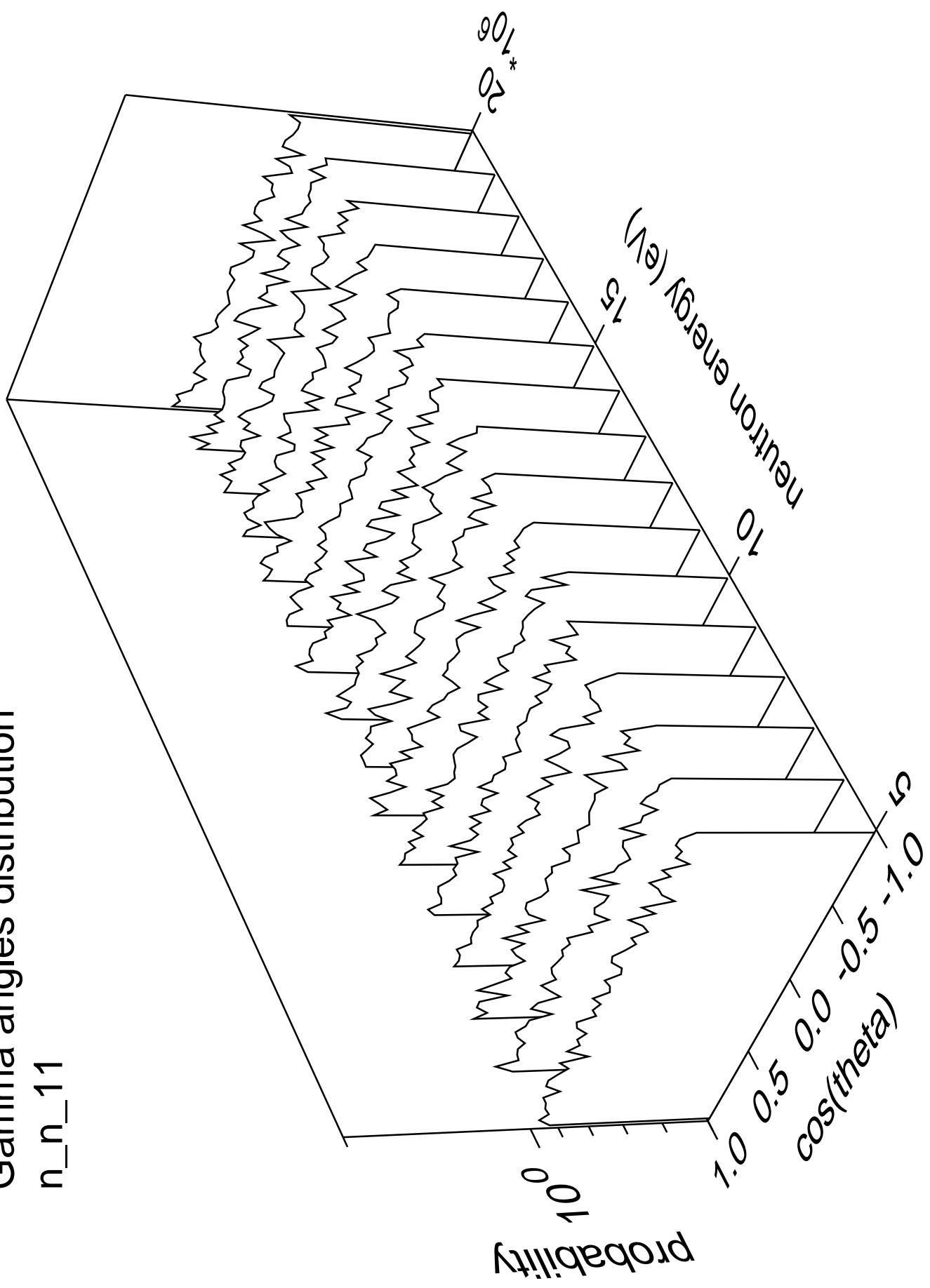
-1.0



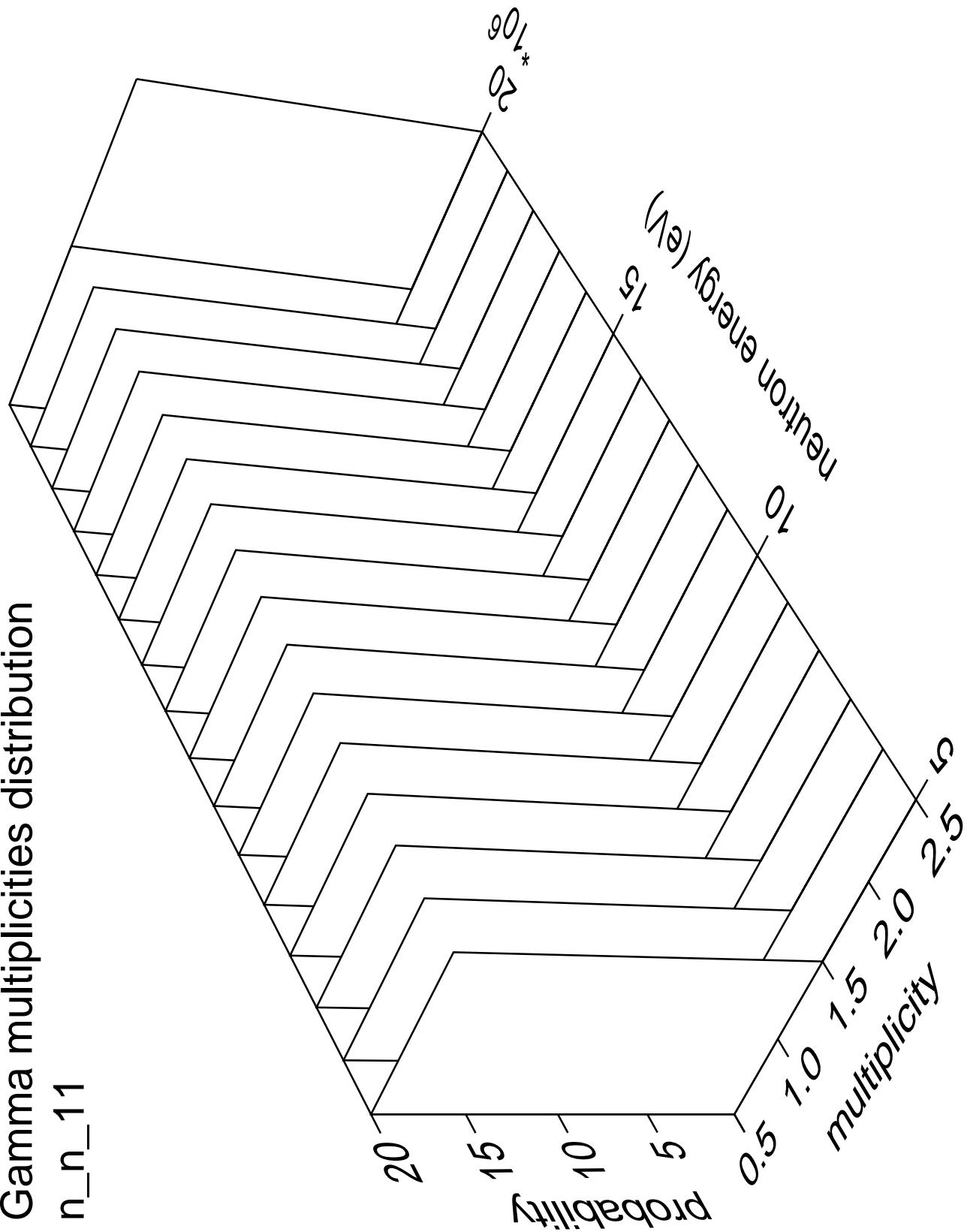
# Gamma energy distribution



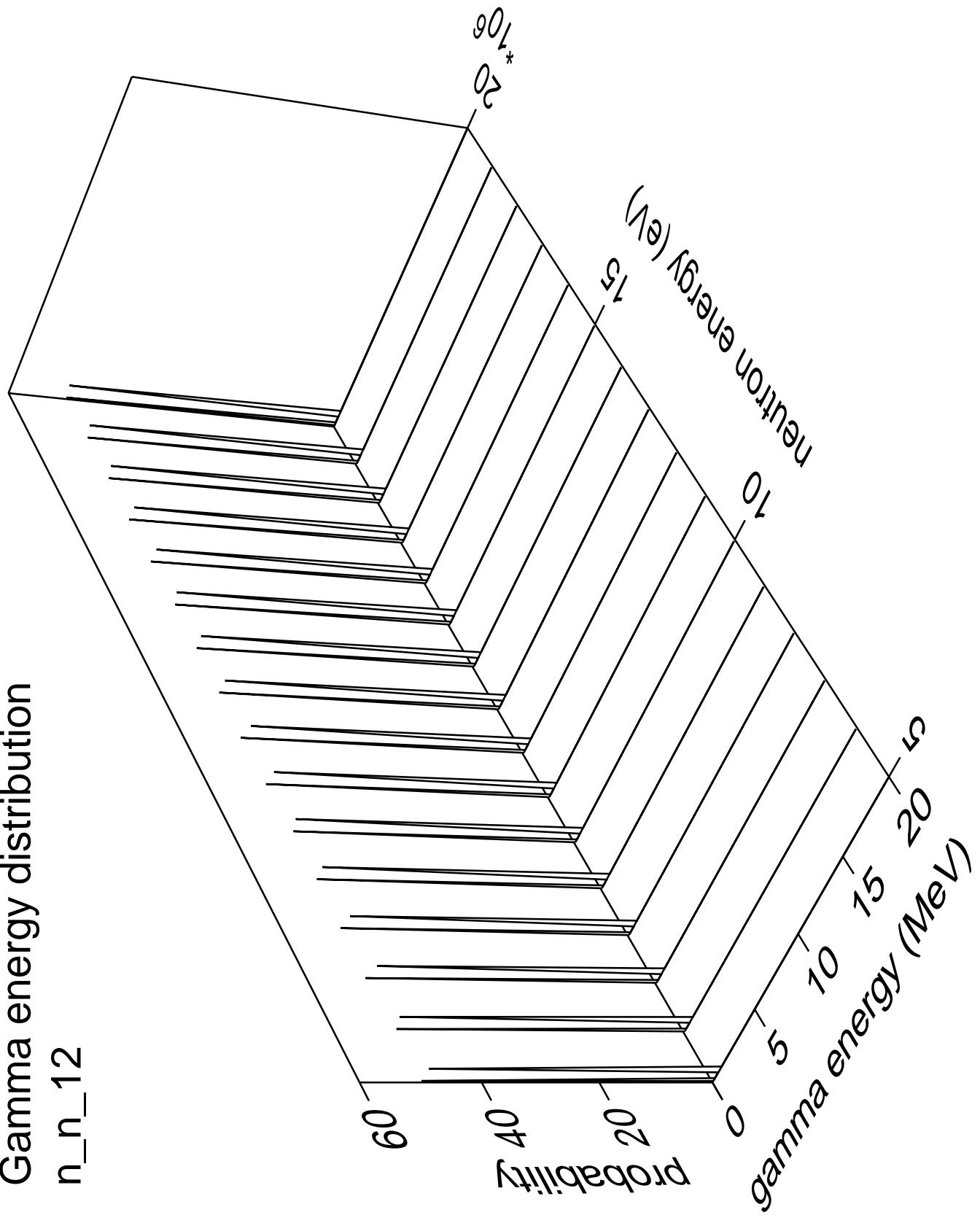
# Gamma angles distribution



## Gamma multiplicities distribution $n_n_{11}$

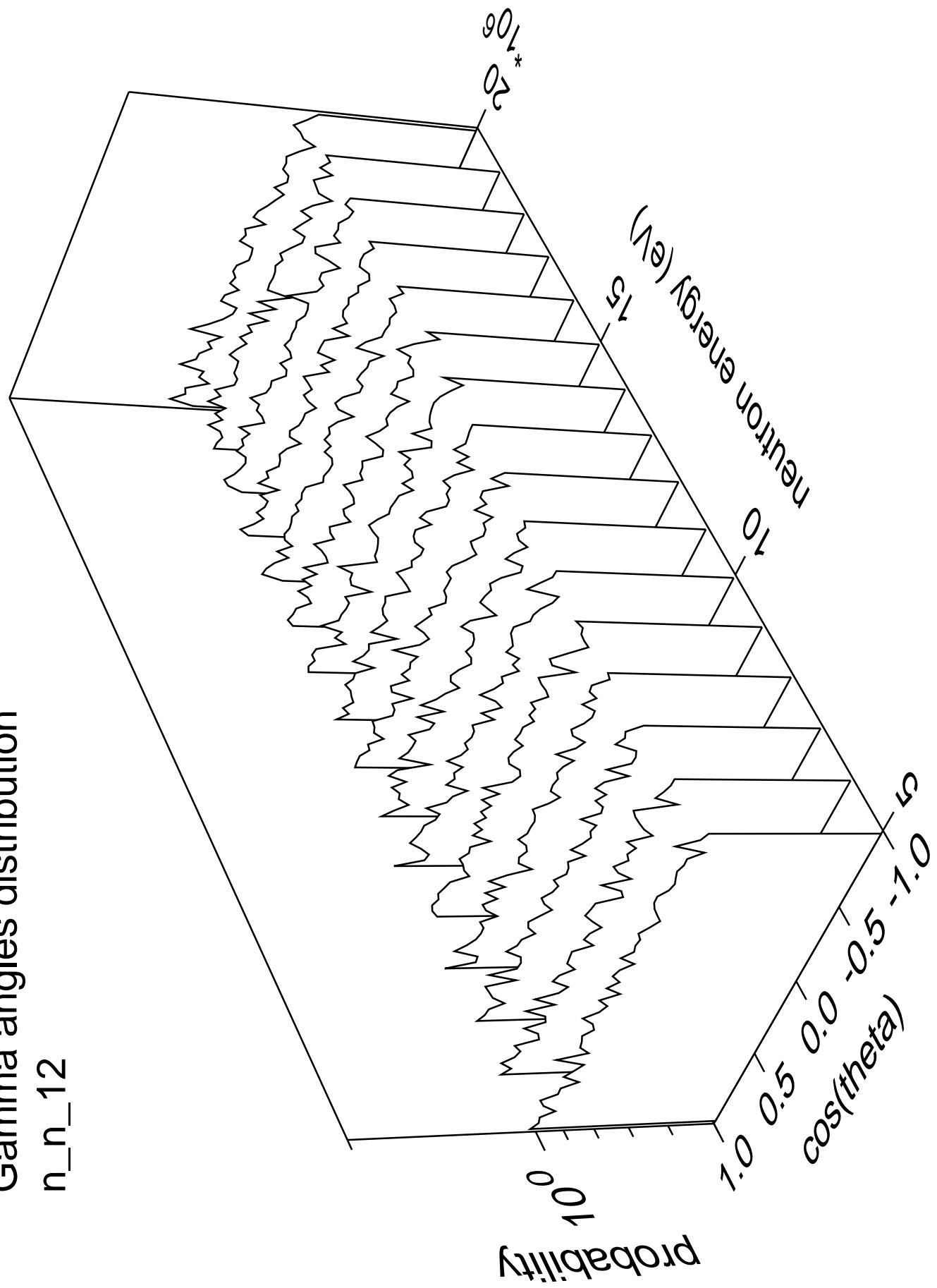


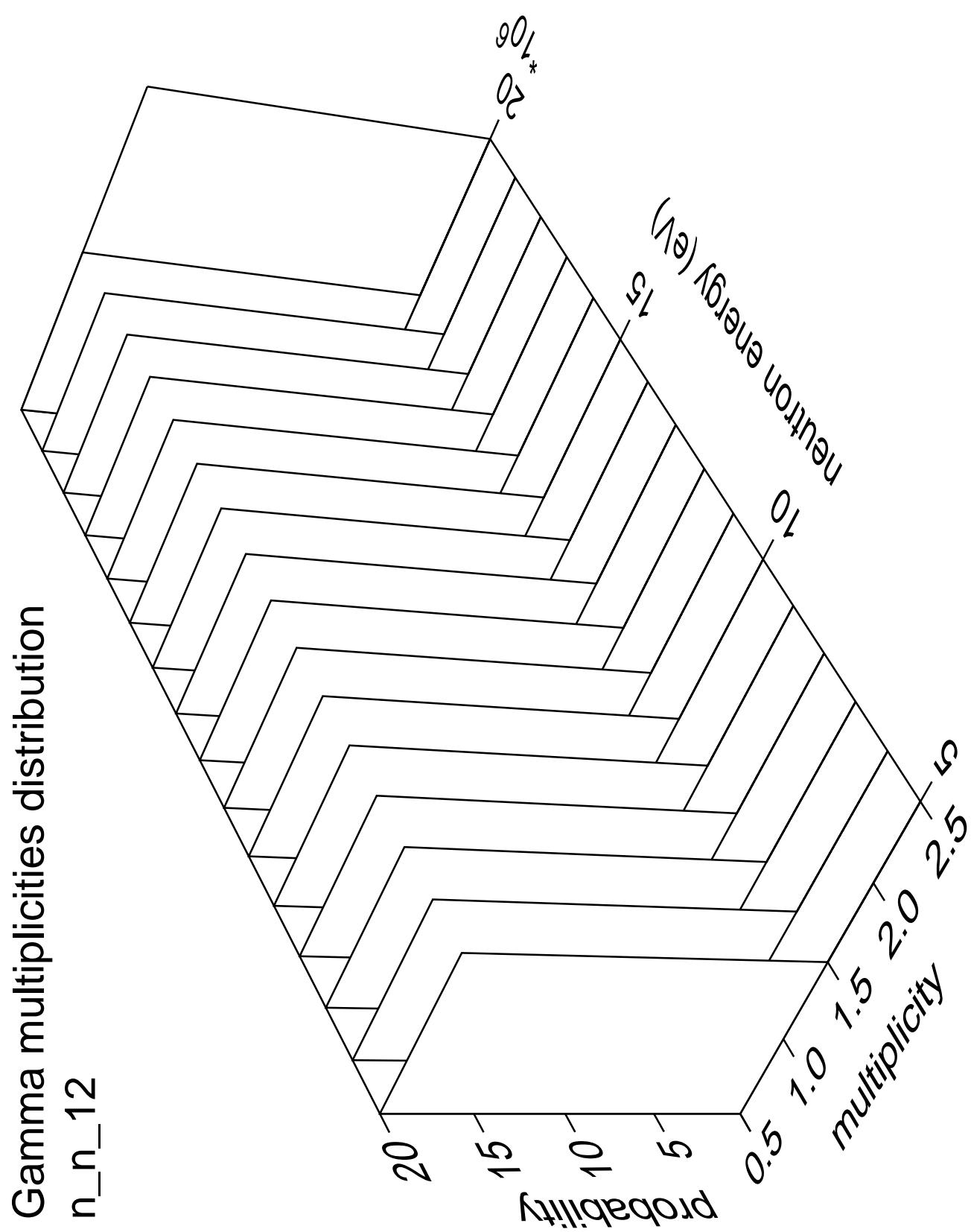
## Gamma energy distribution



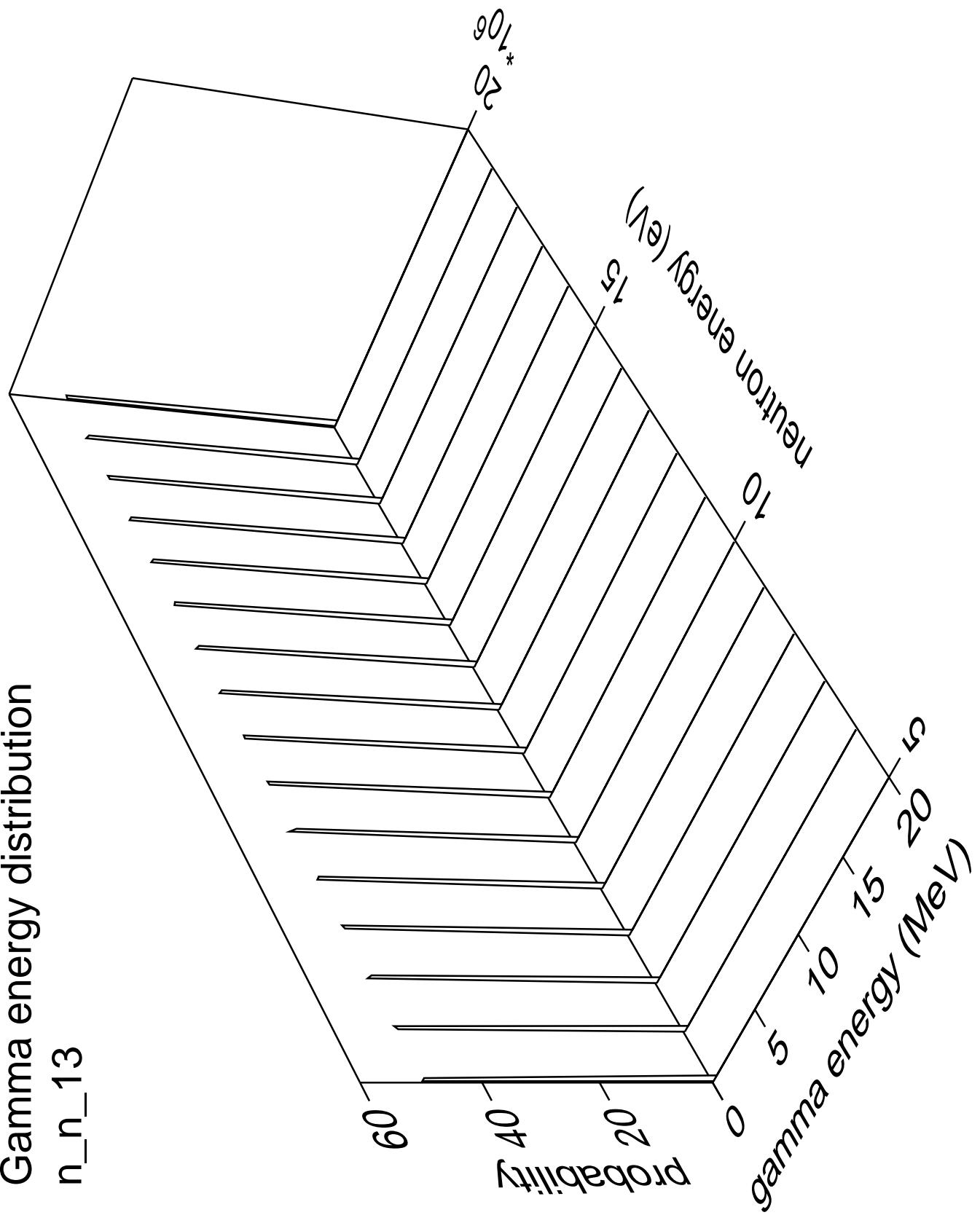
## Gamma angles distribution

$n_{n\_12}$



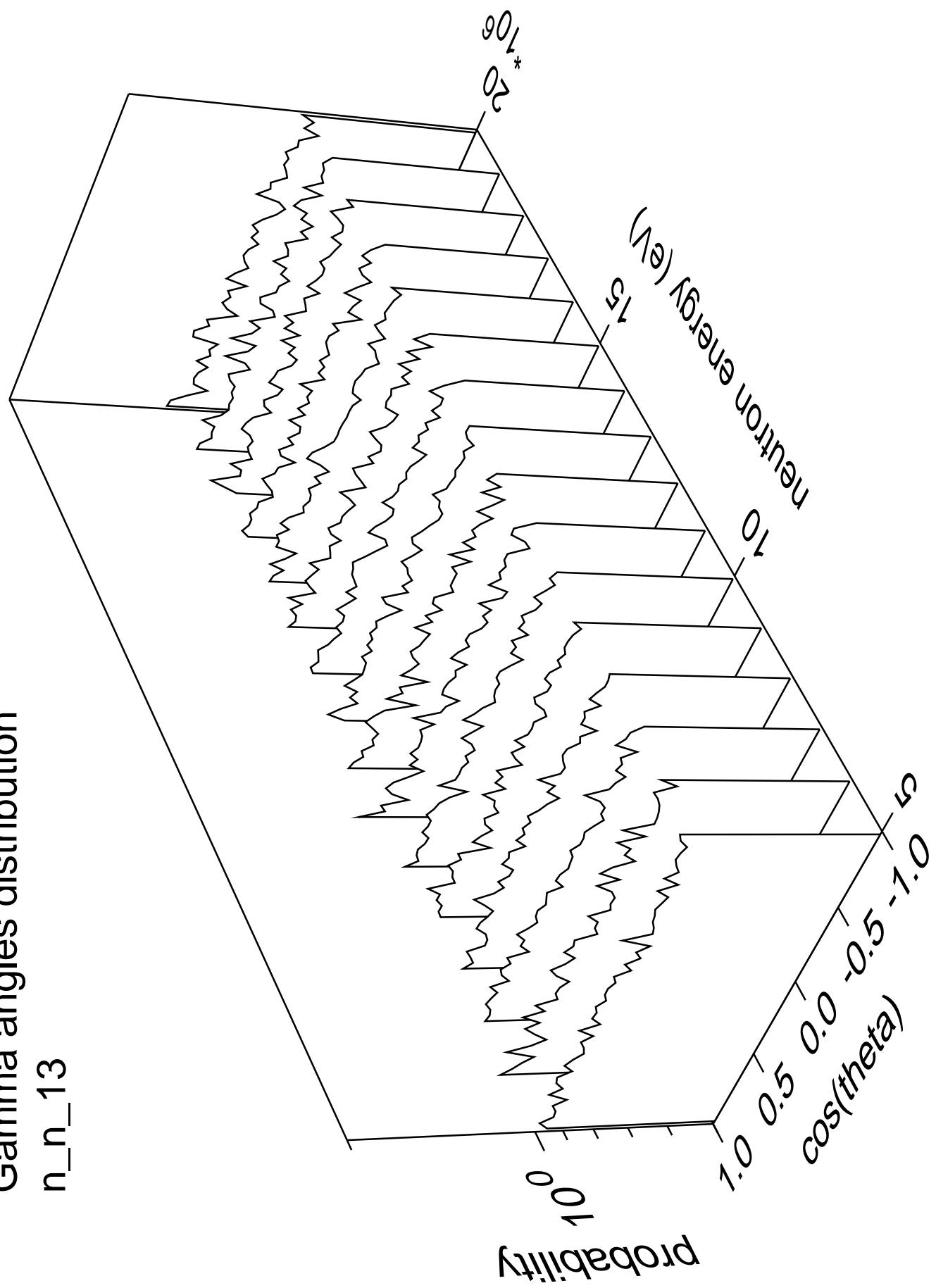


# Gamma energy distribution

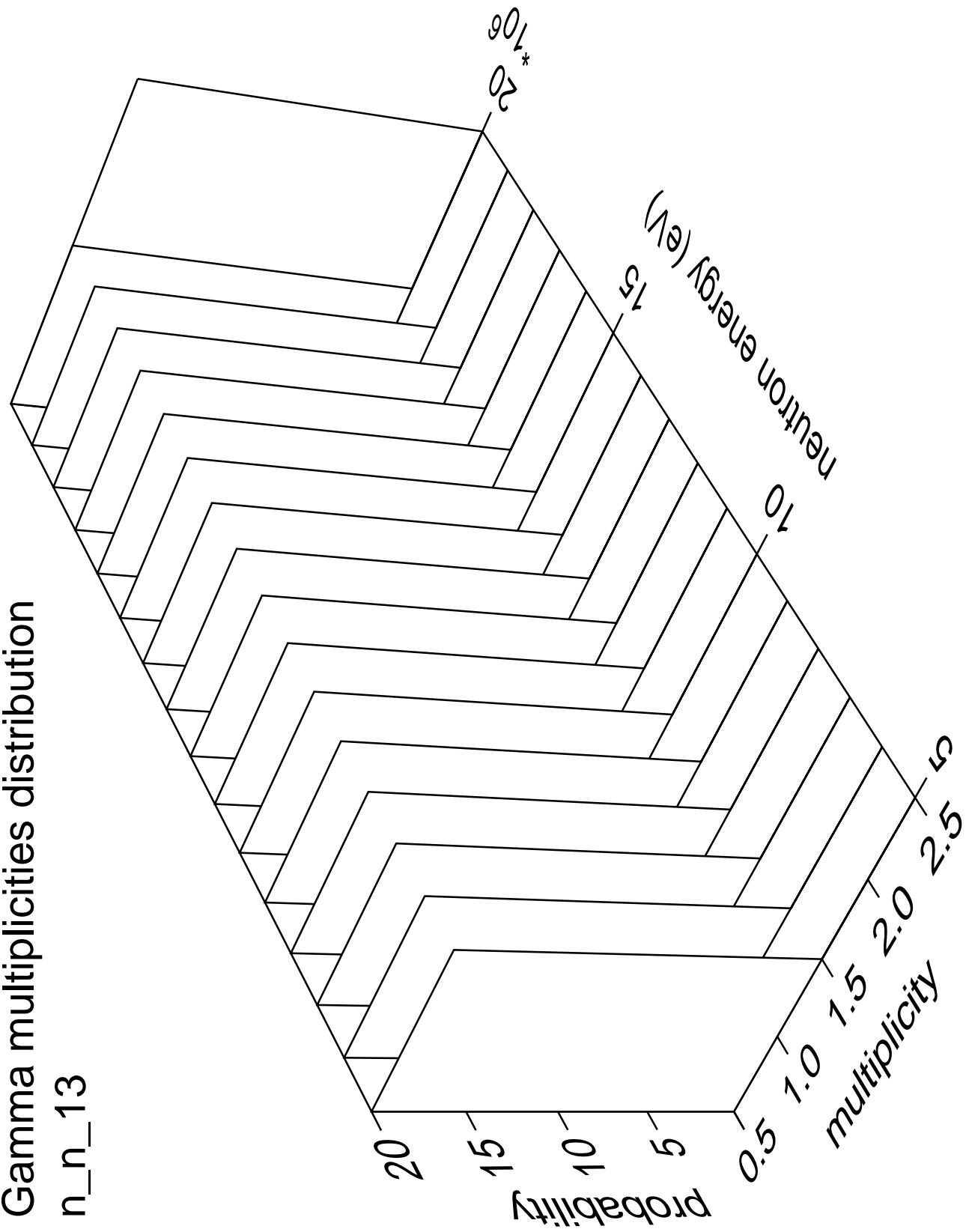


# Gamma angles distribution

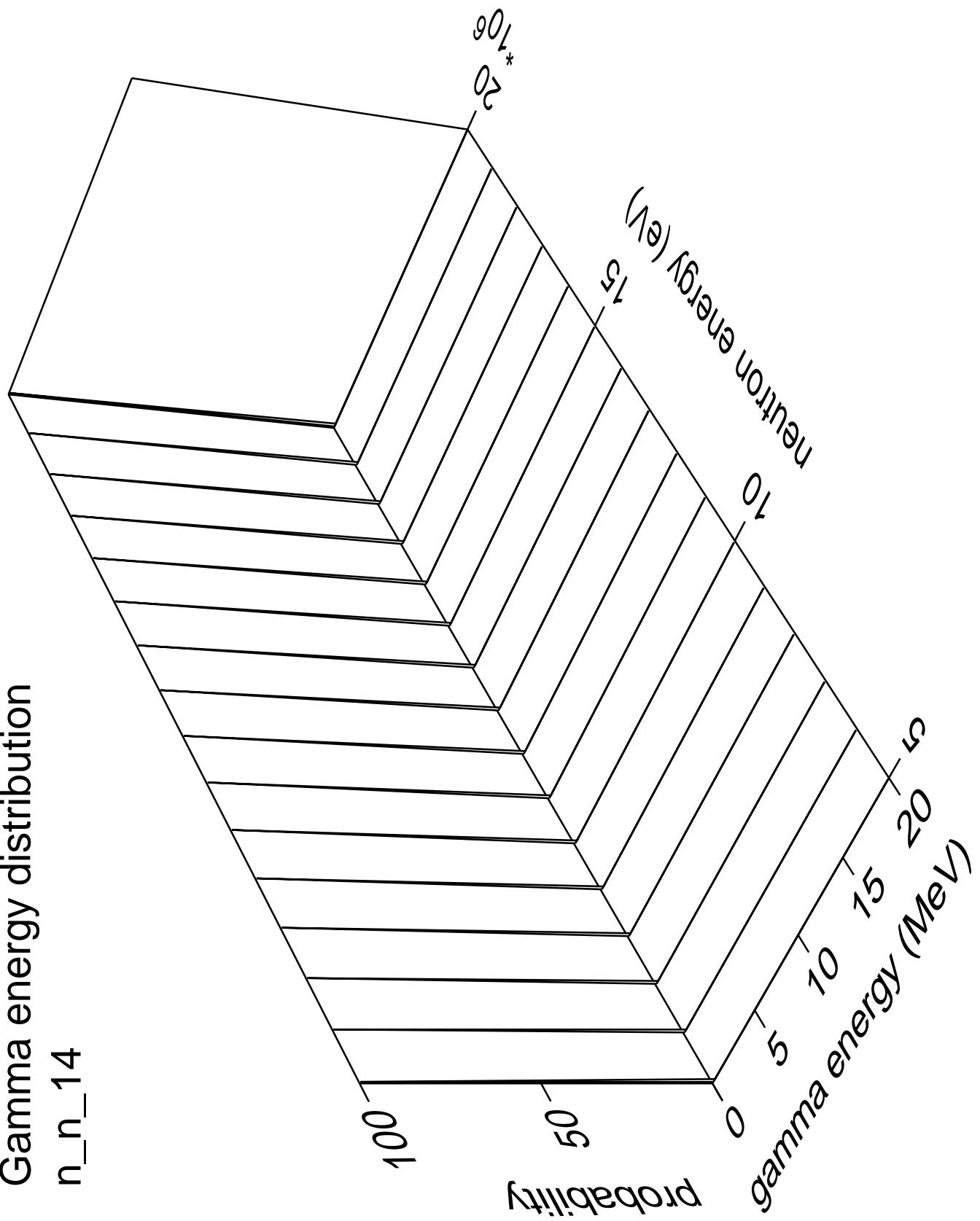
n\_n\_13



## Gamma multiplicities distribution

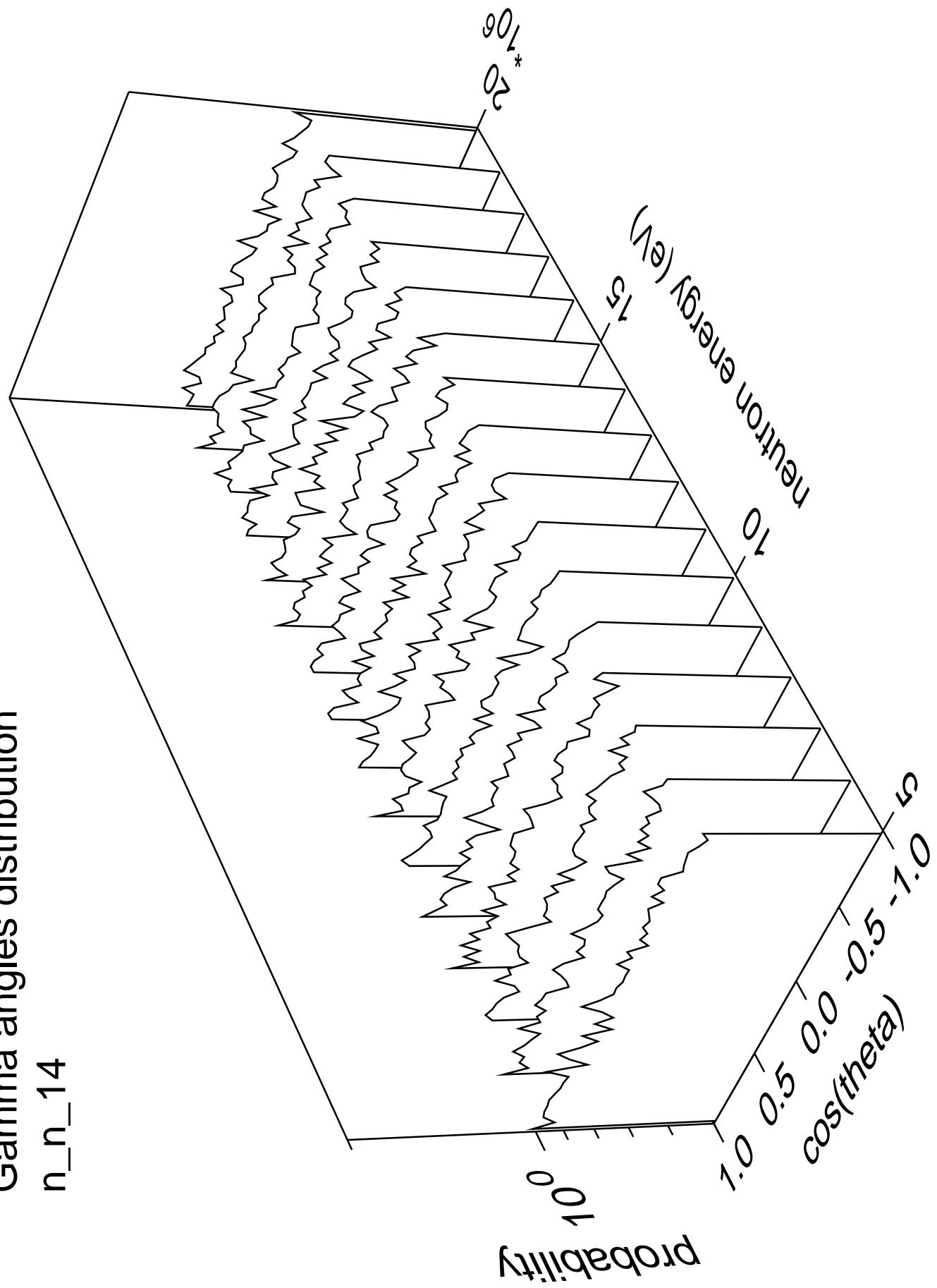


# n\_n\_14

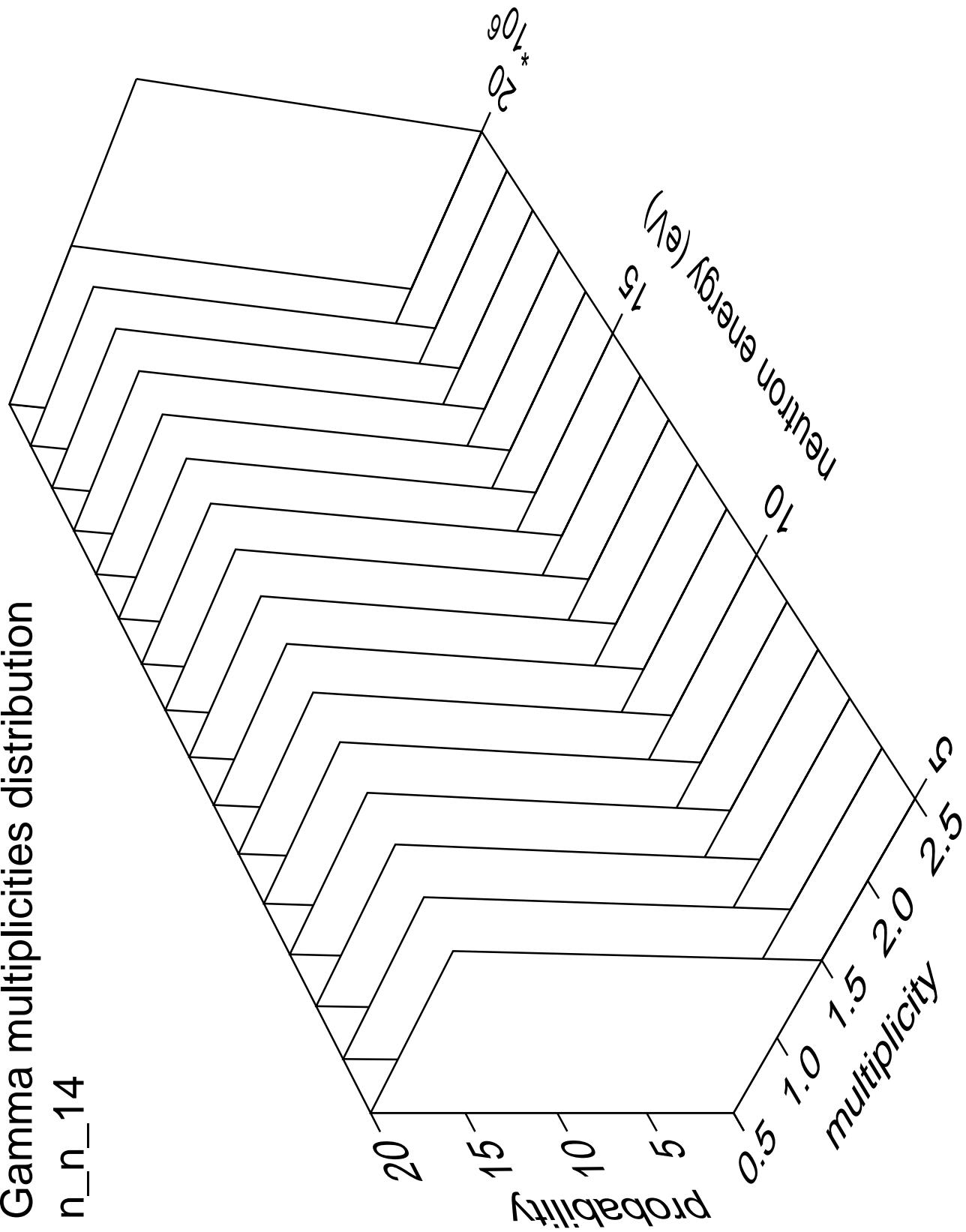


# Gamma angles distribution

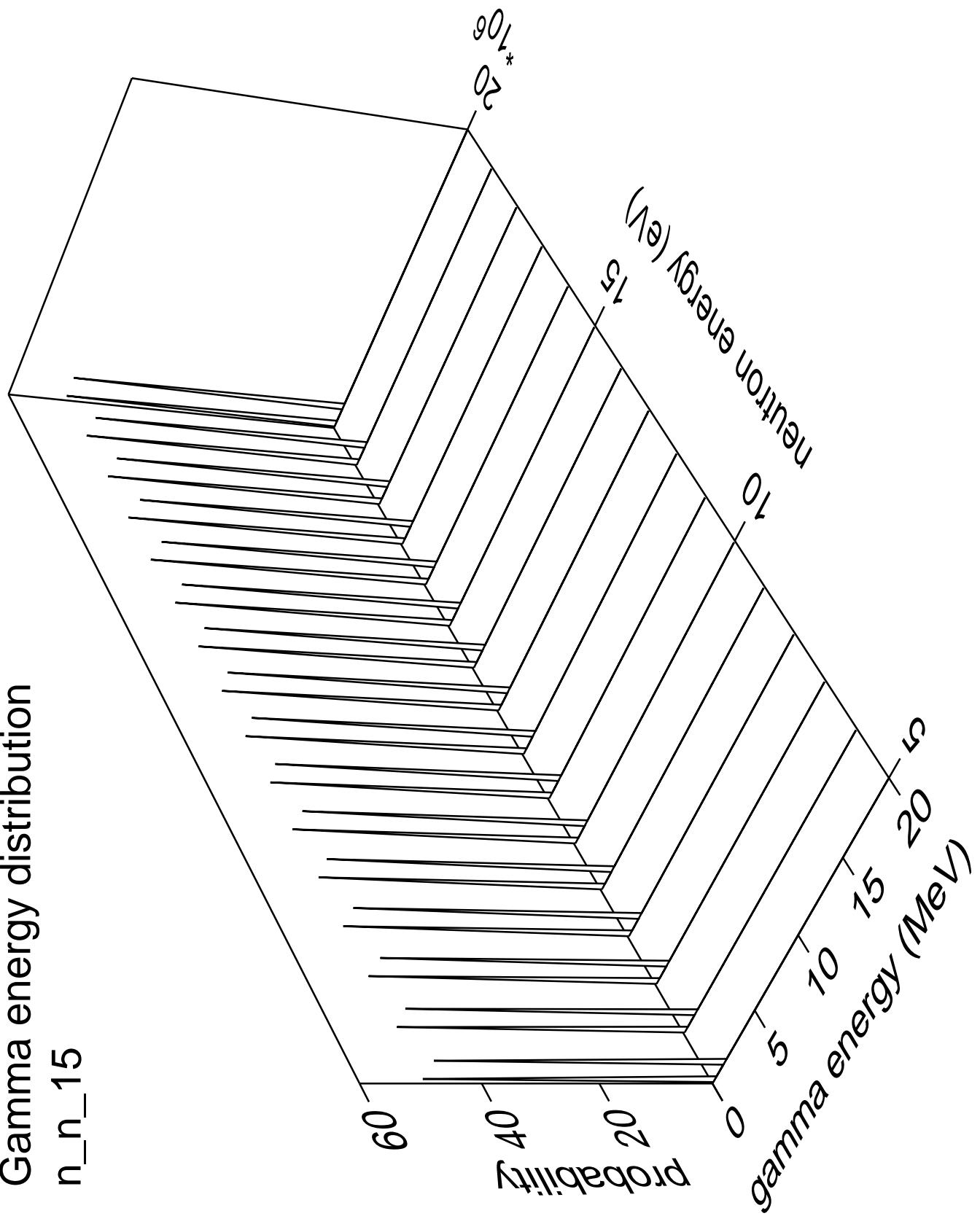
n\_n\_14



# Gamma multiplicities distribution n\_n\_14

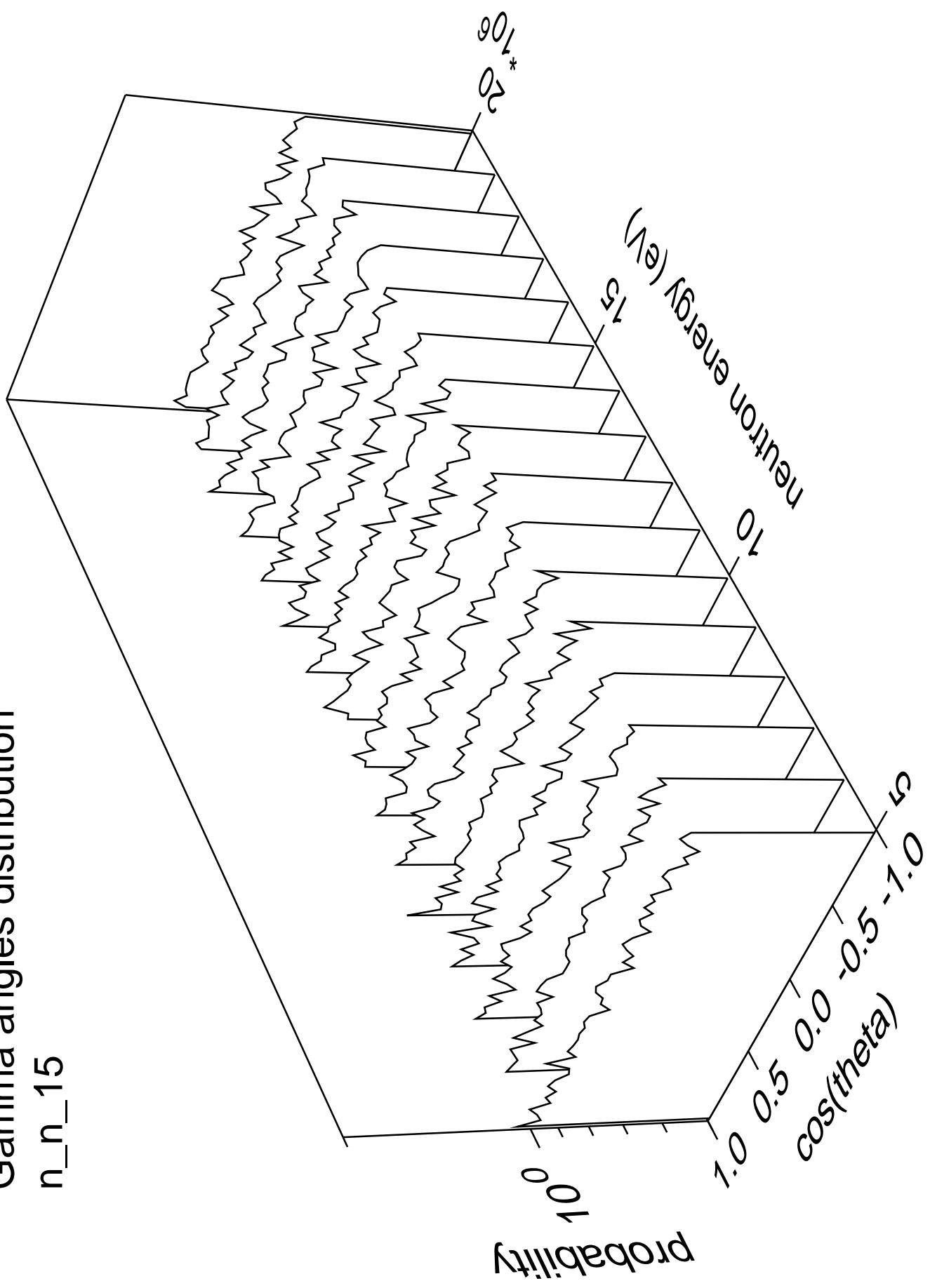


# Gamma energy distribution

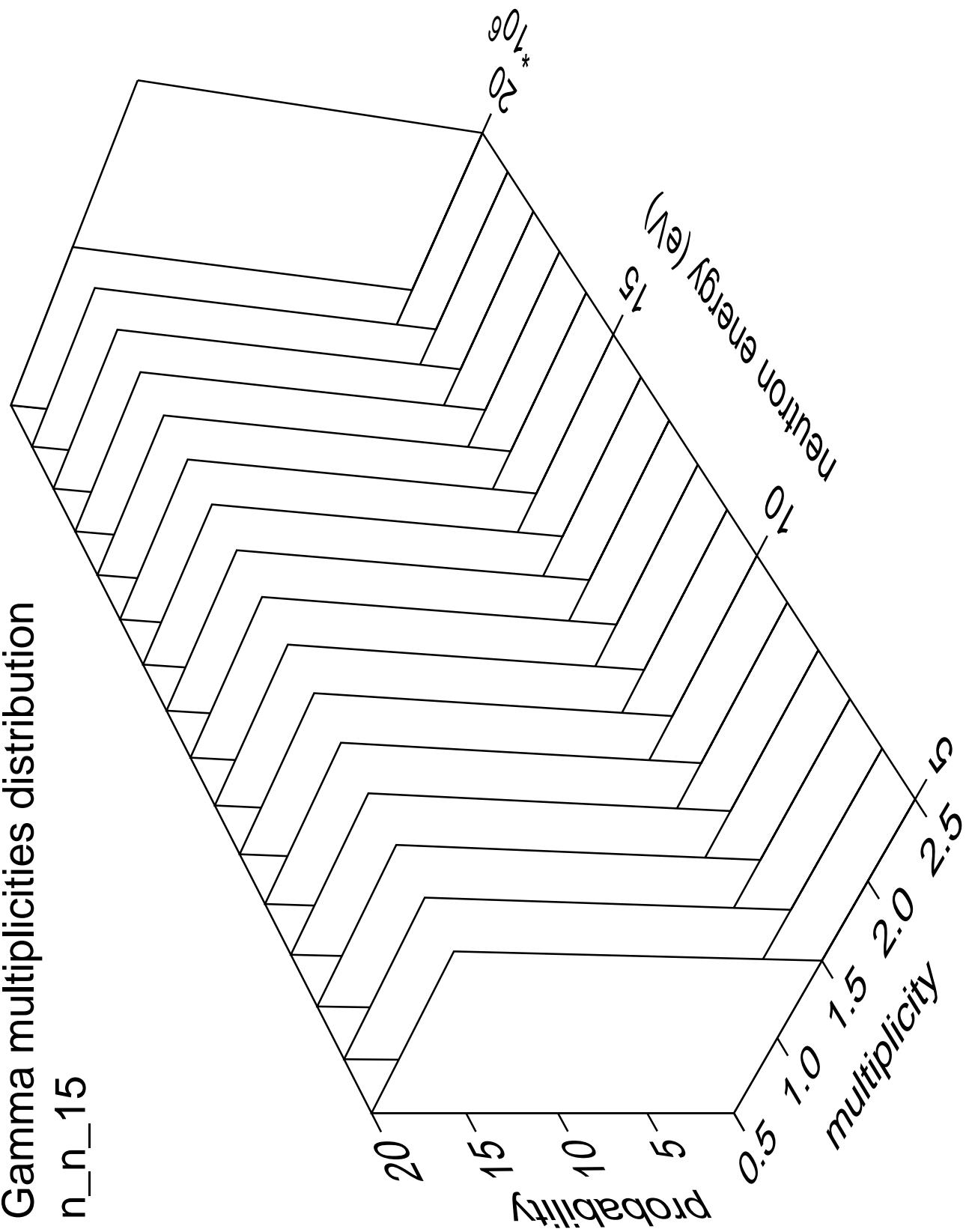


Gamma angles distribution

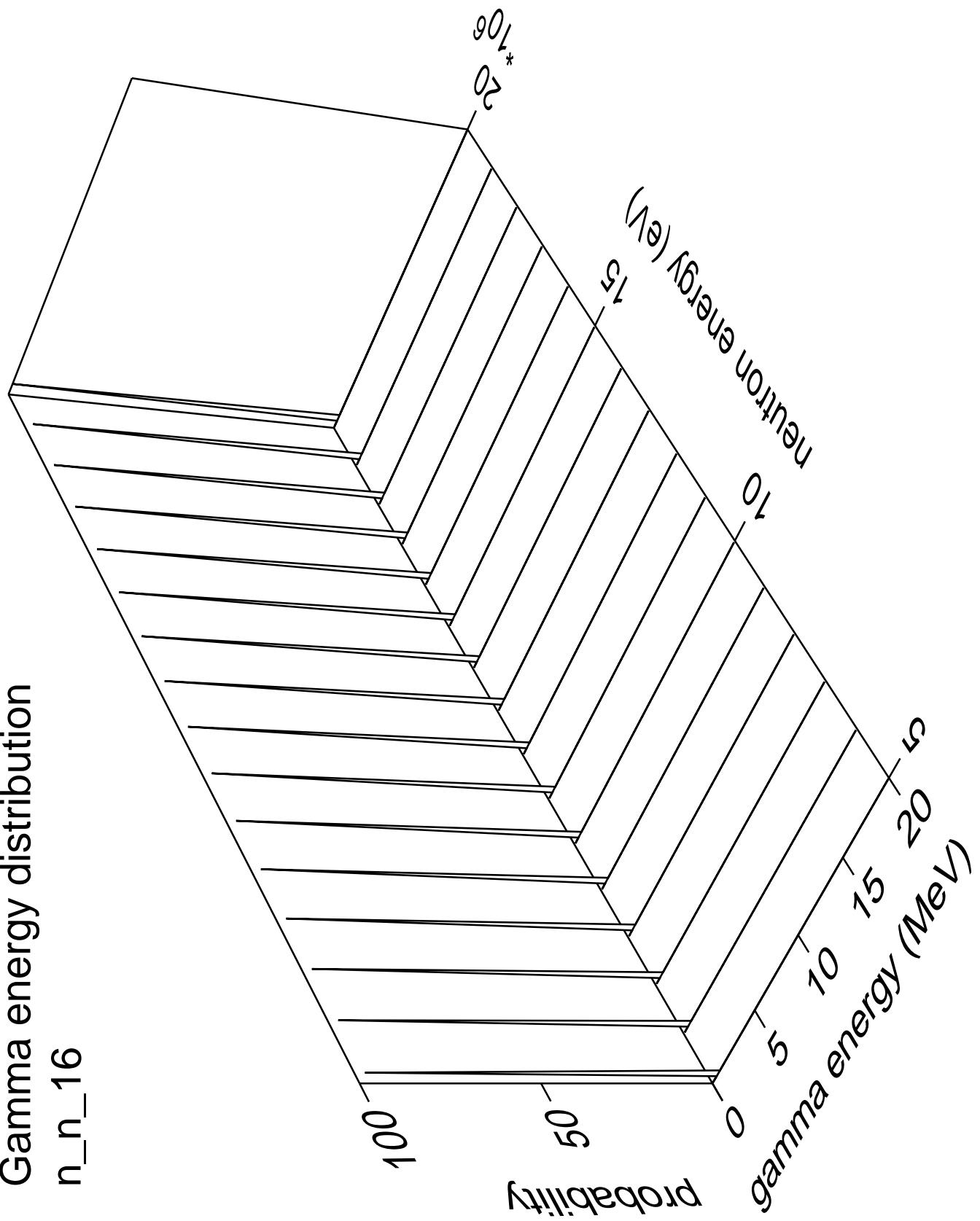
n\_n\_15



## Gamma multiplicities distribution

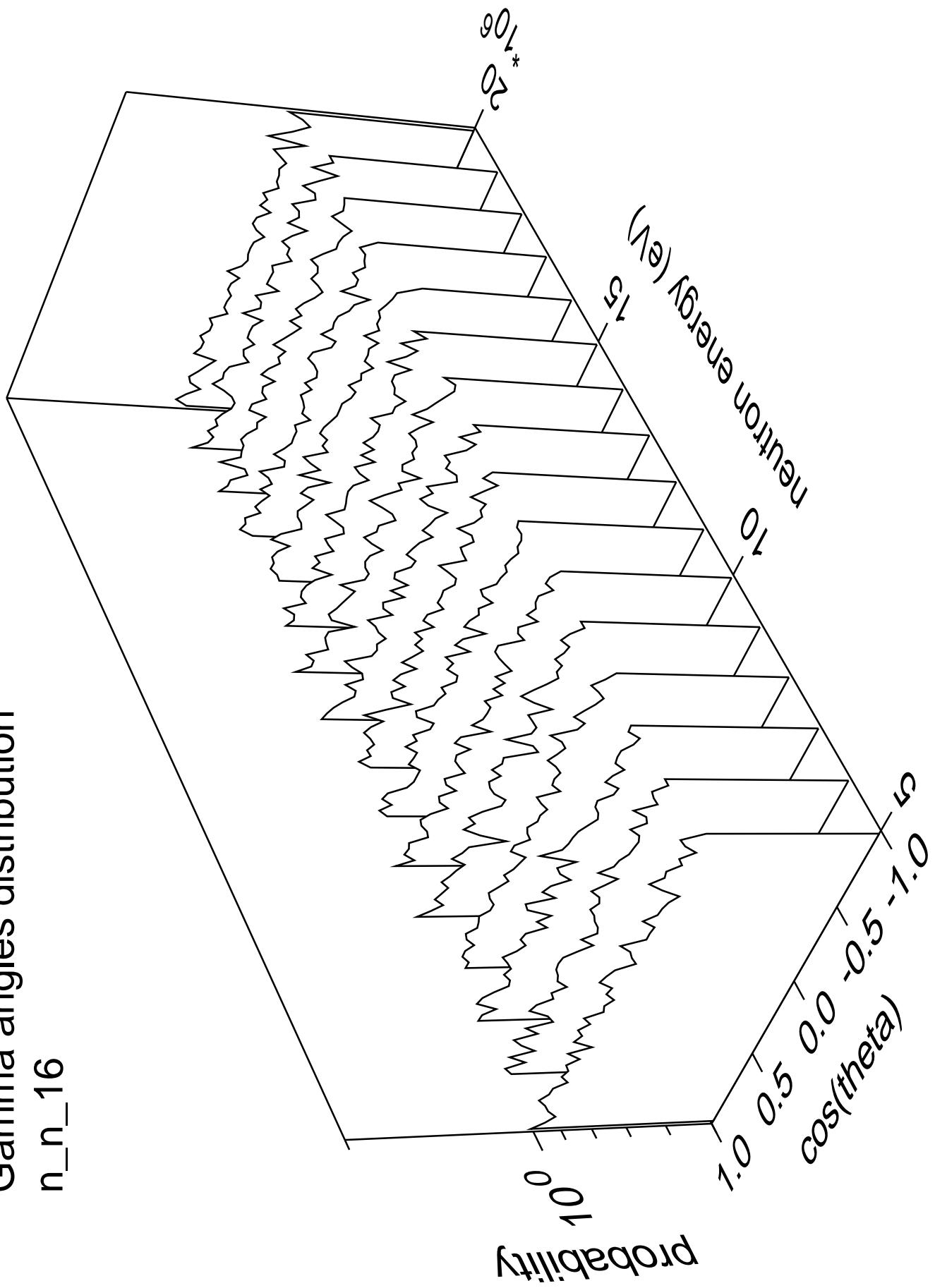


# Gamma energy distribution n\_n\_16

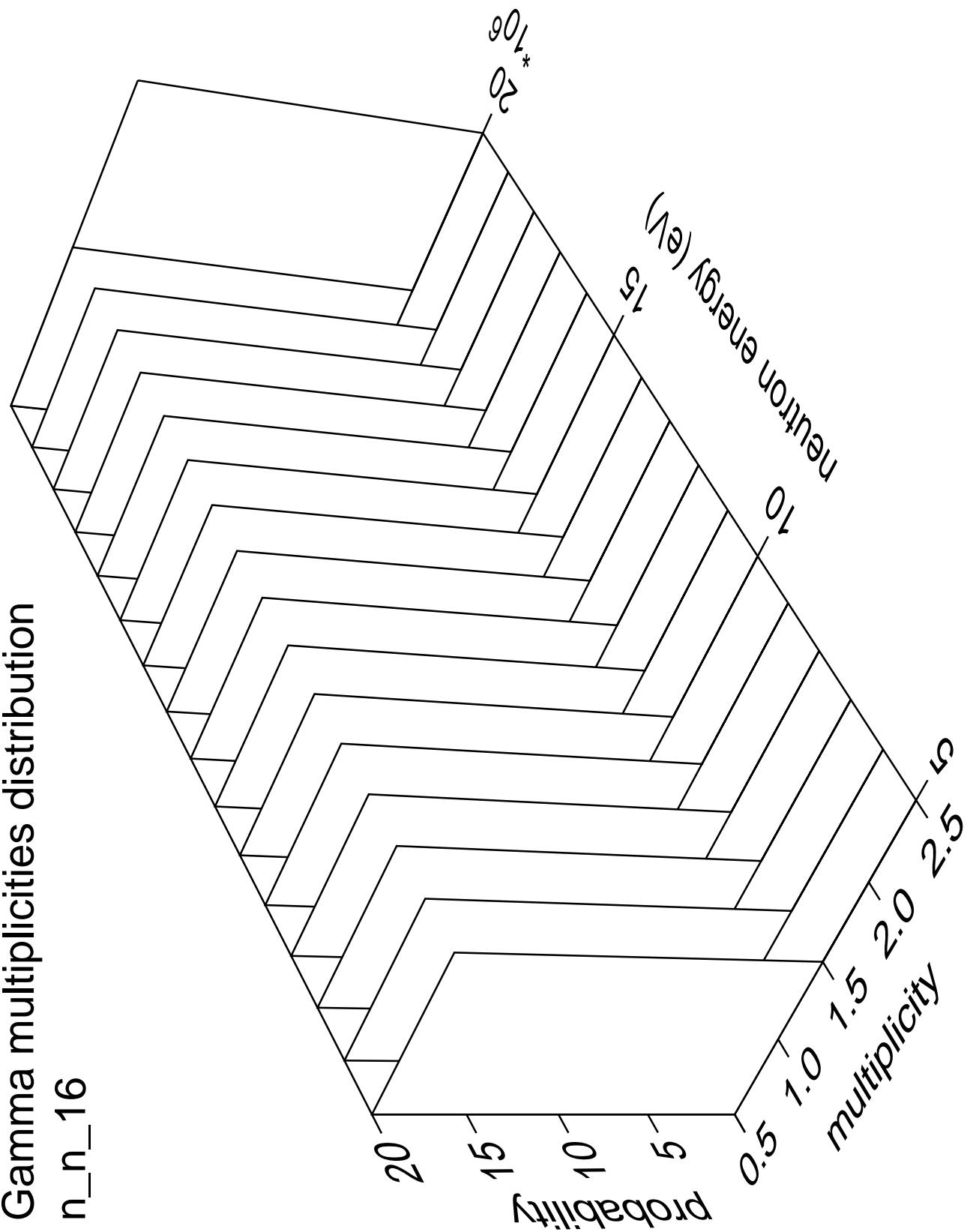


# Gamma angles distribution

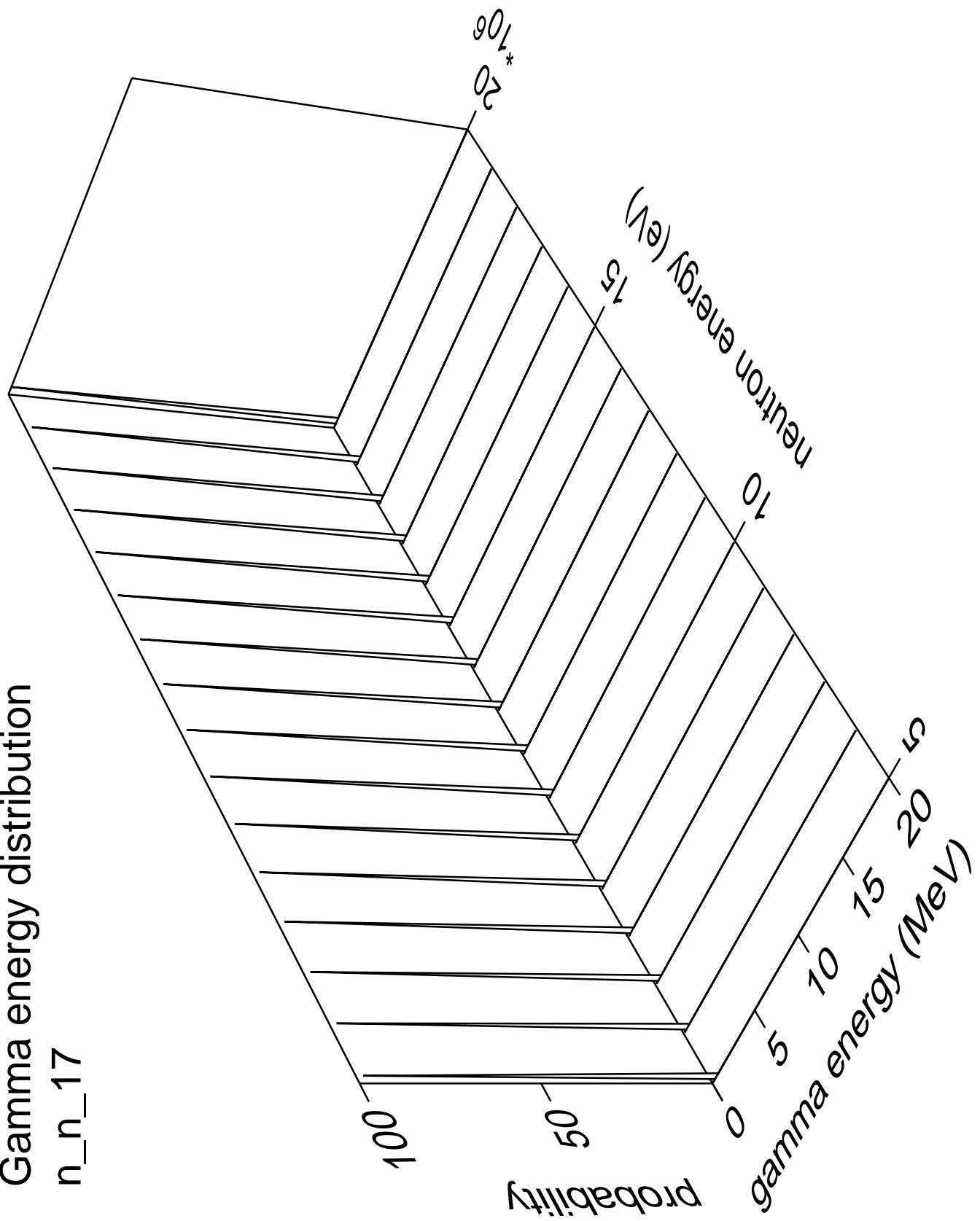
n\_n\_16



## Gamma multiplicities distribution

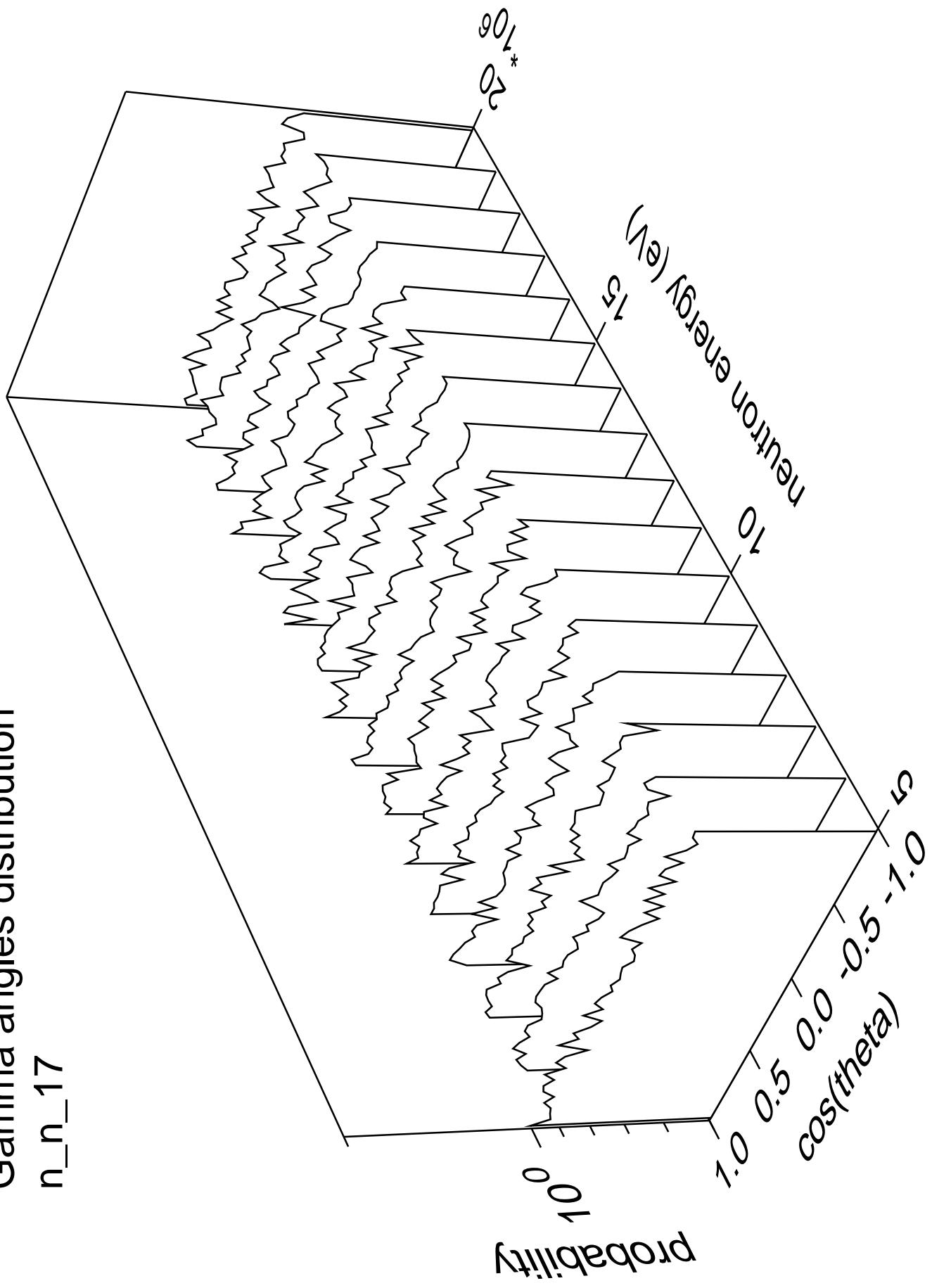


# Gamma energy distribution n\_n\_17

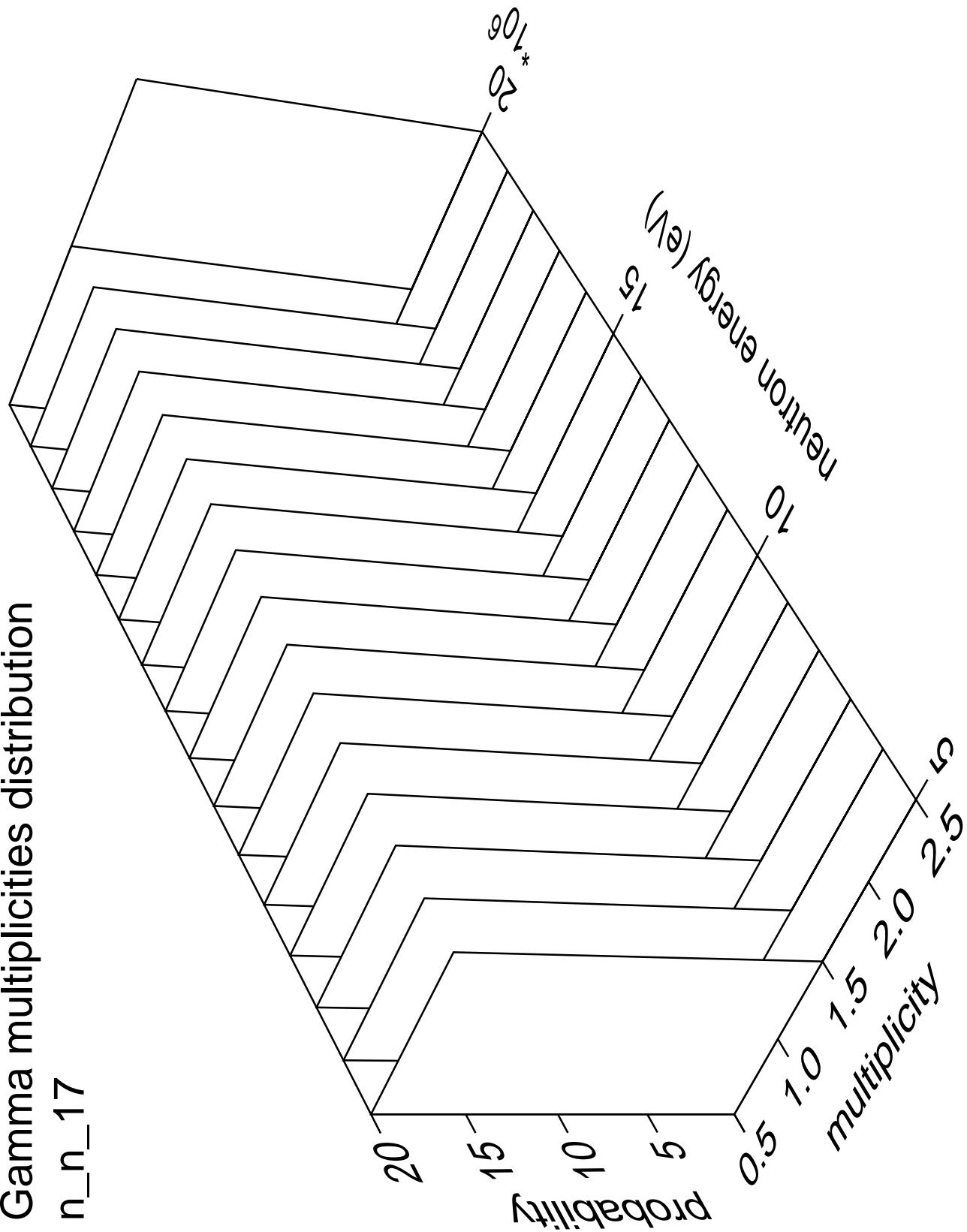


Gamma angles distribution

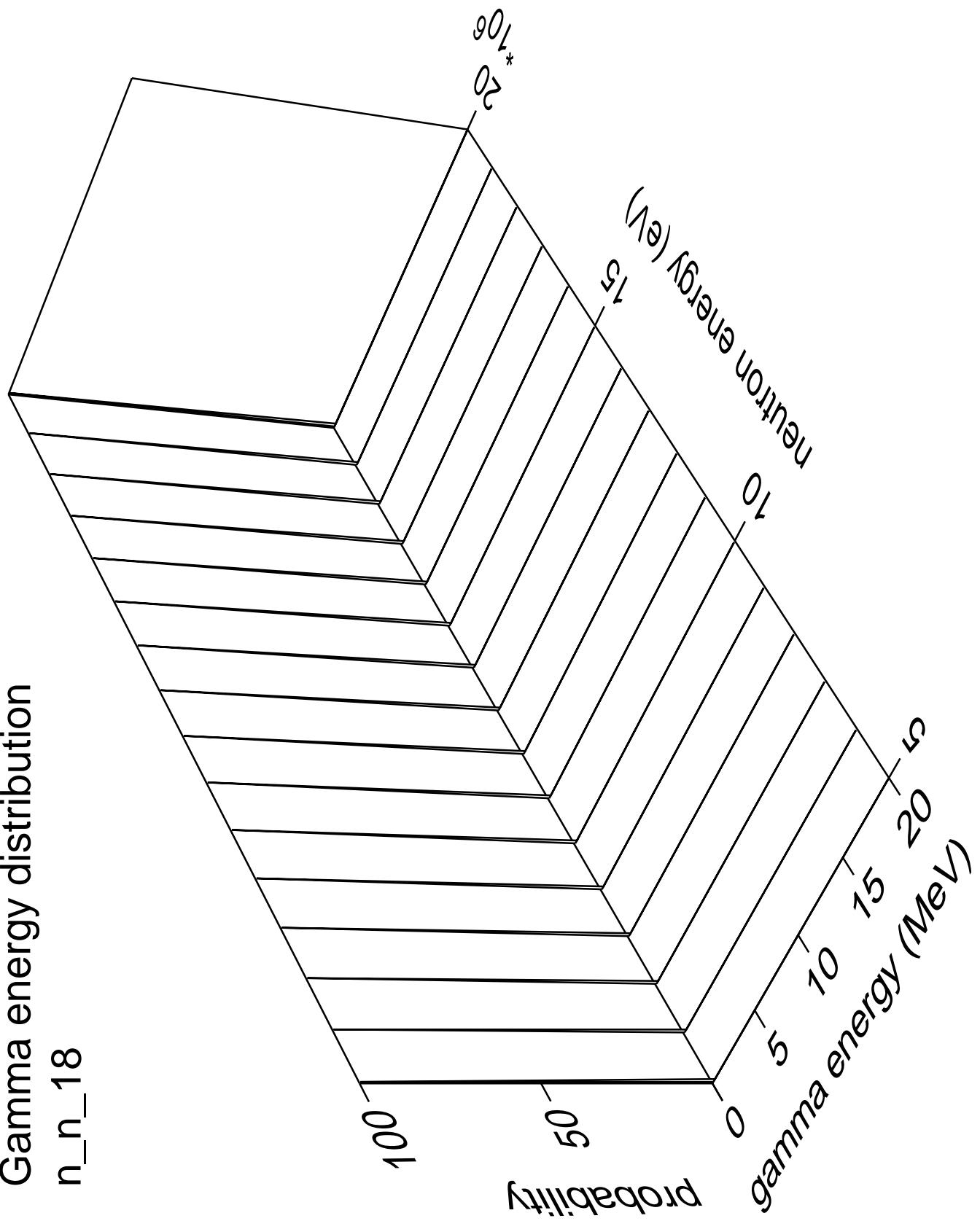
n\_n\_17



# Gamma multiplicities distribution n\_n\_17

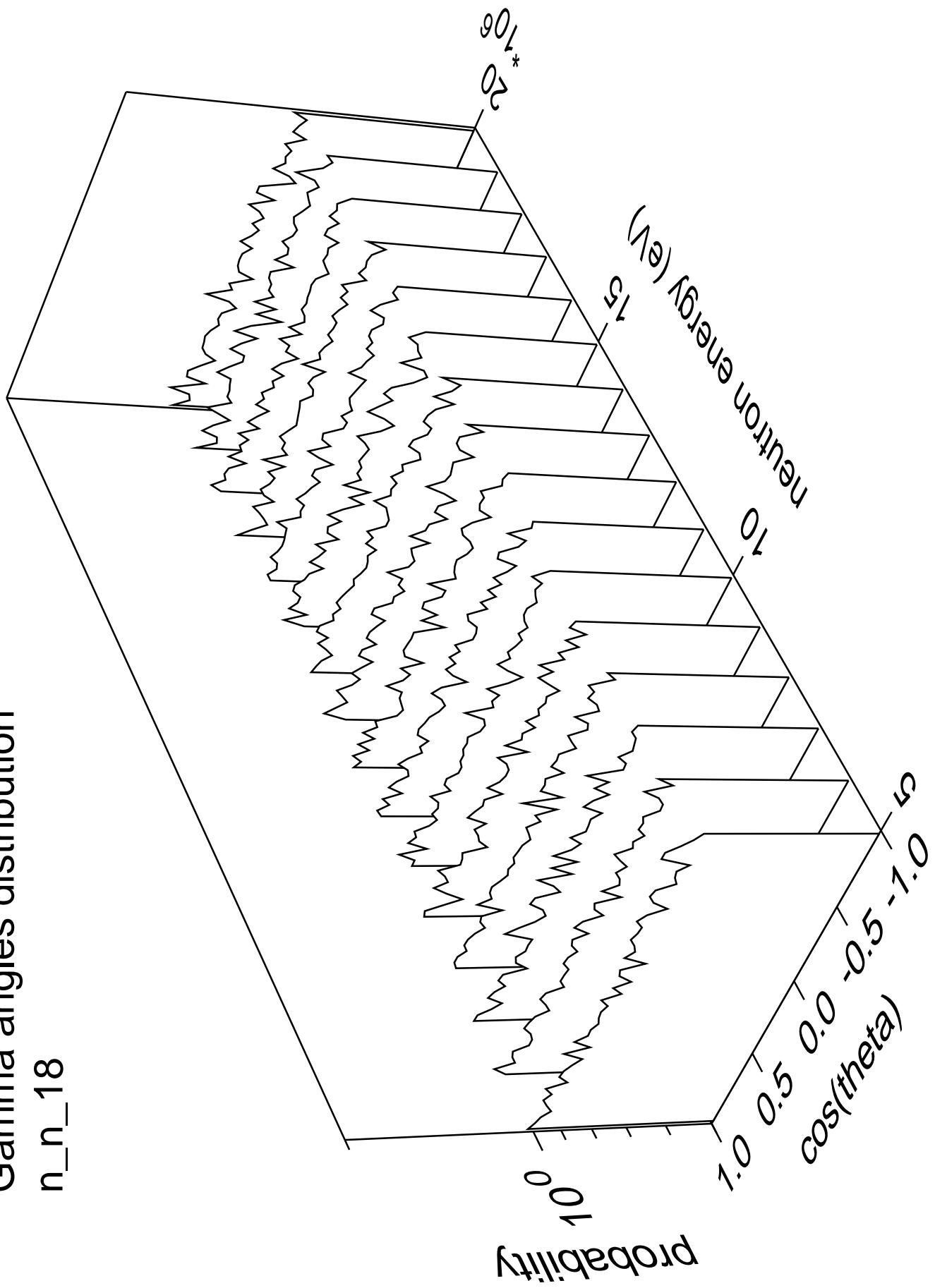


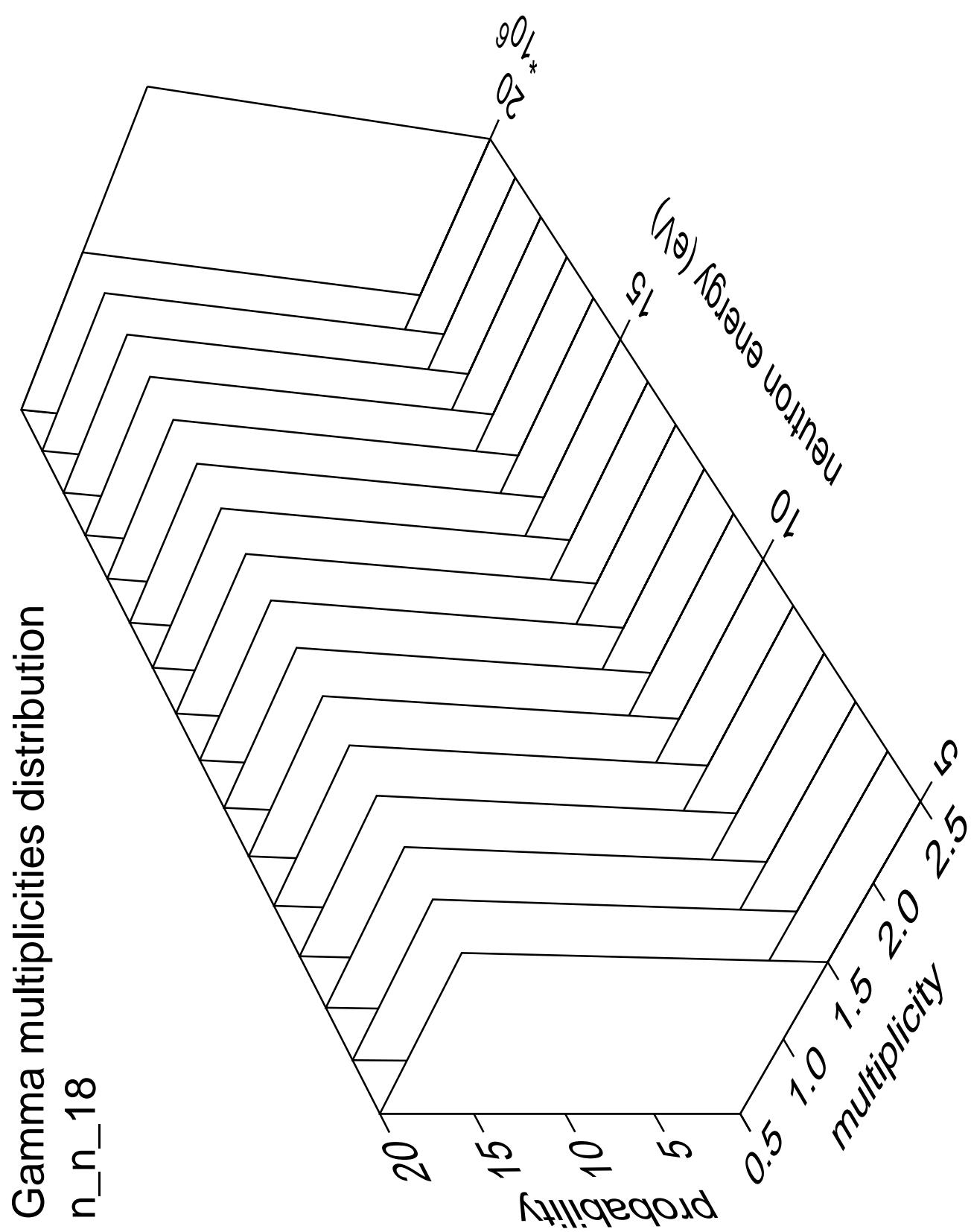
# n\_n\_18



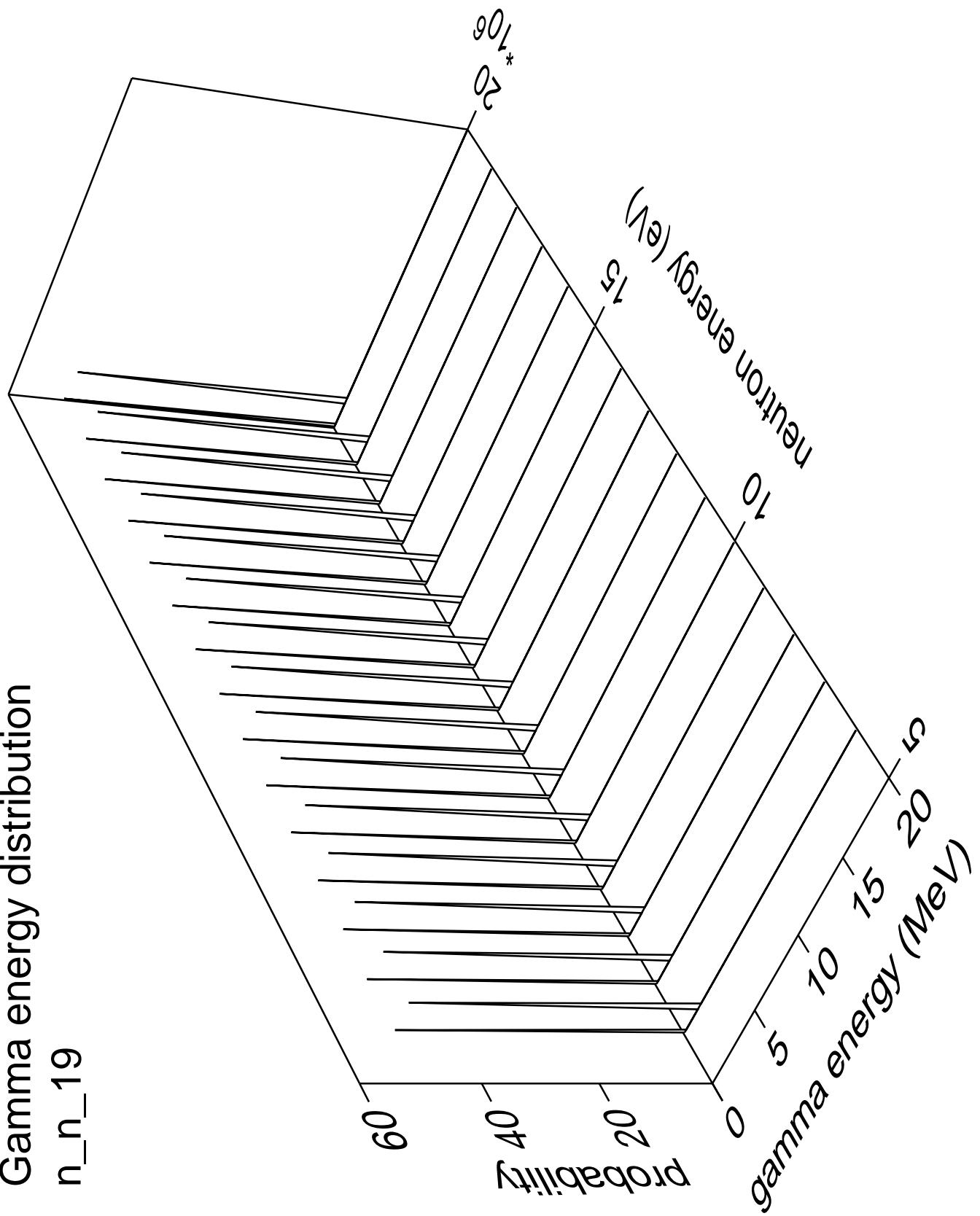
Gamma angles distribution

n\_n\_18



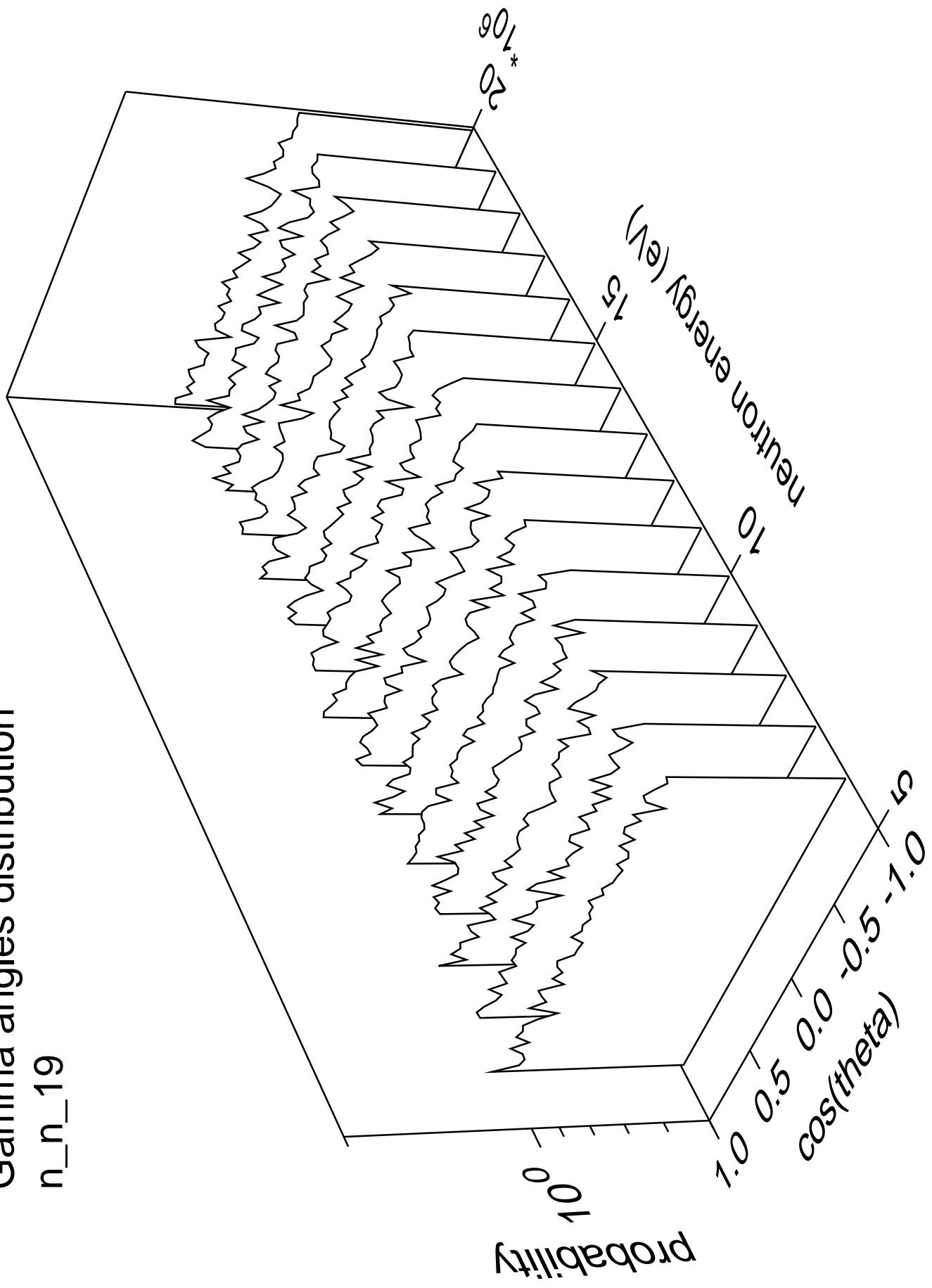


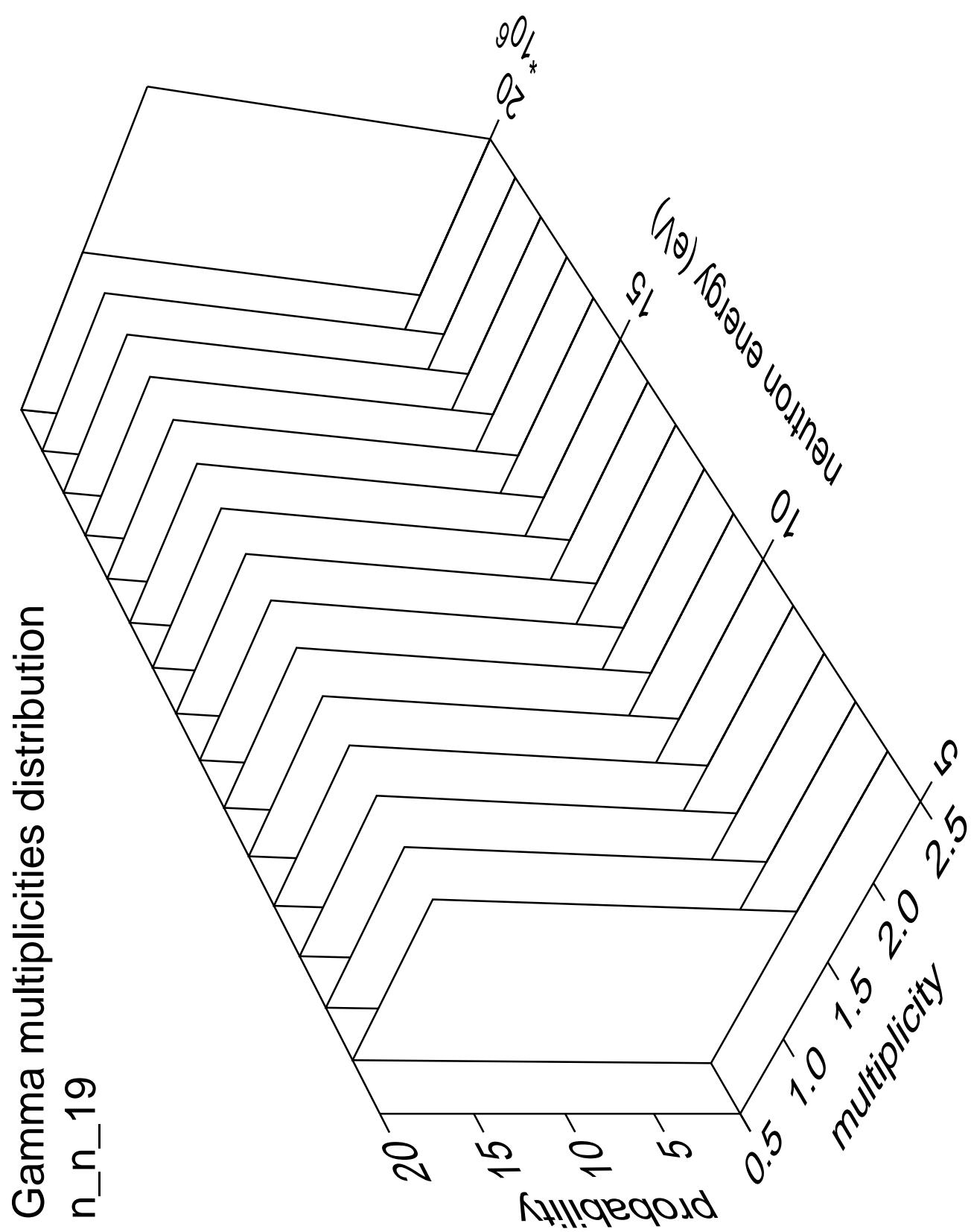
## Gamma energy distribution n\_n\_19



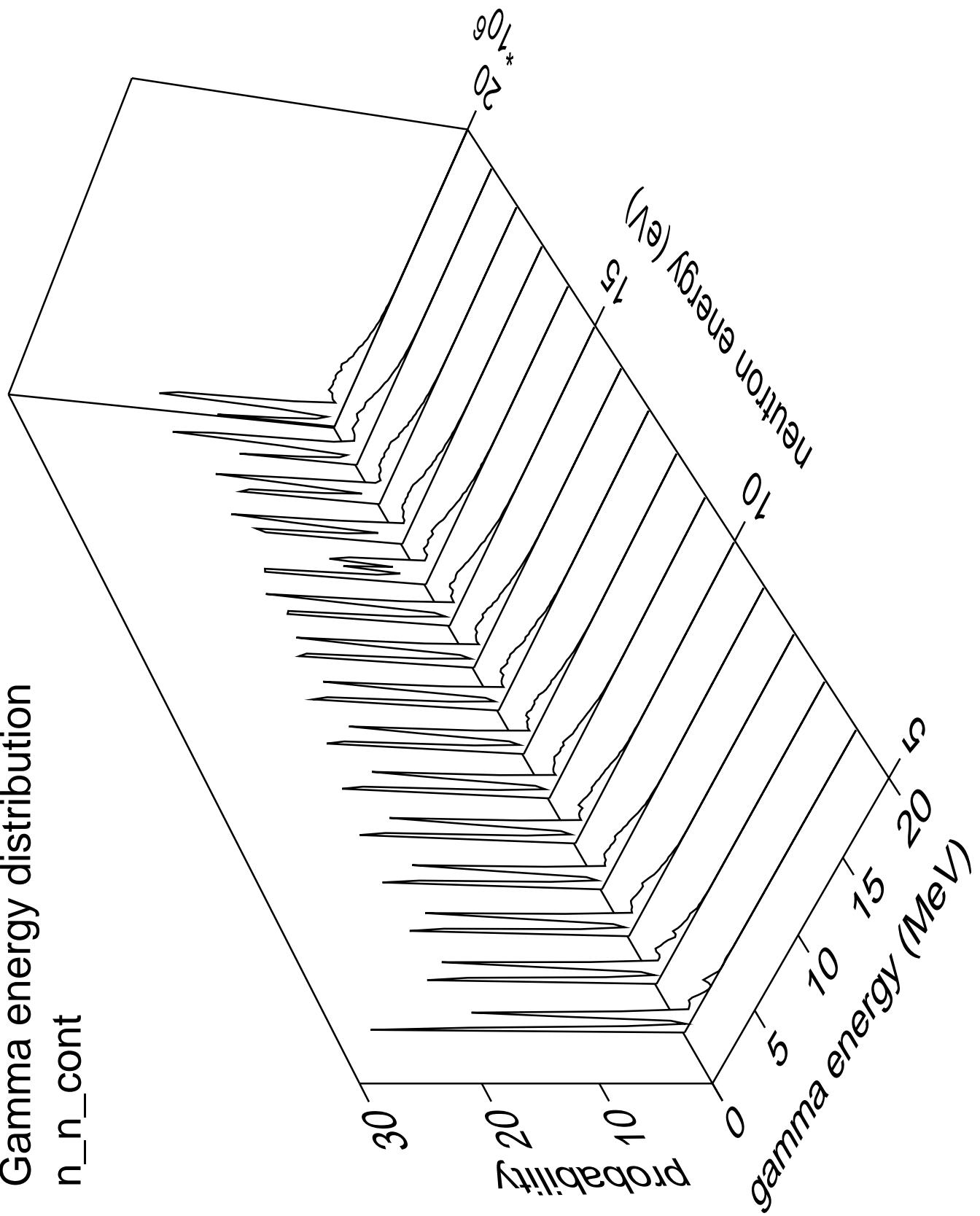
Gamma angles distribution

n\_n\_19



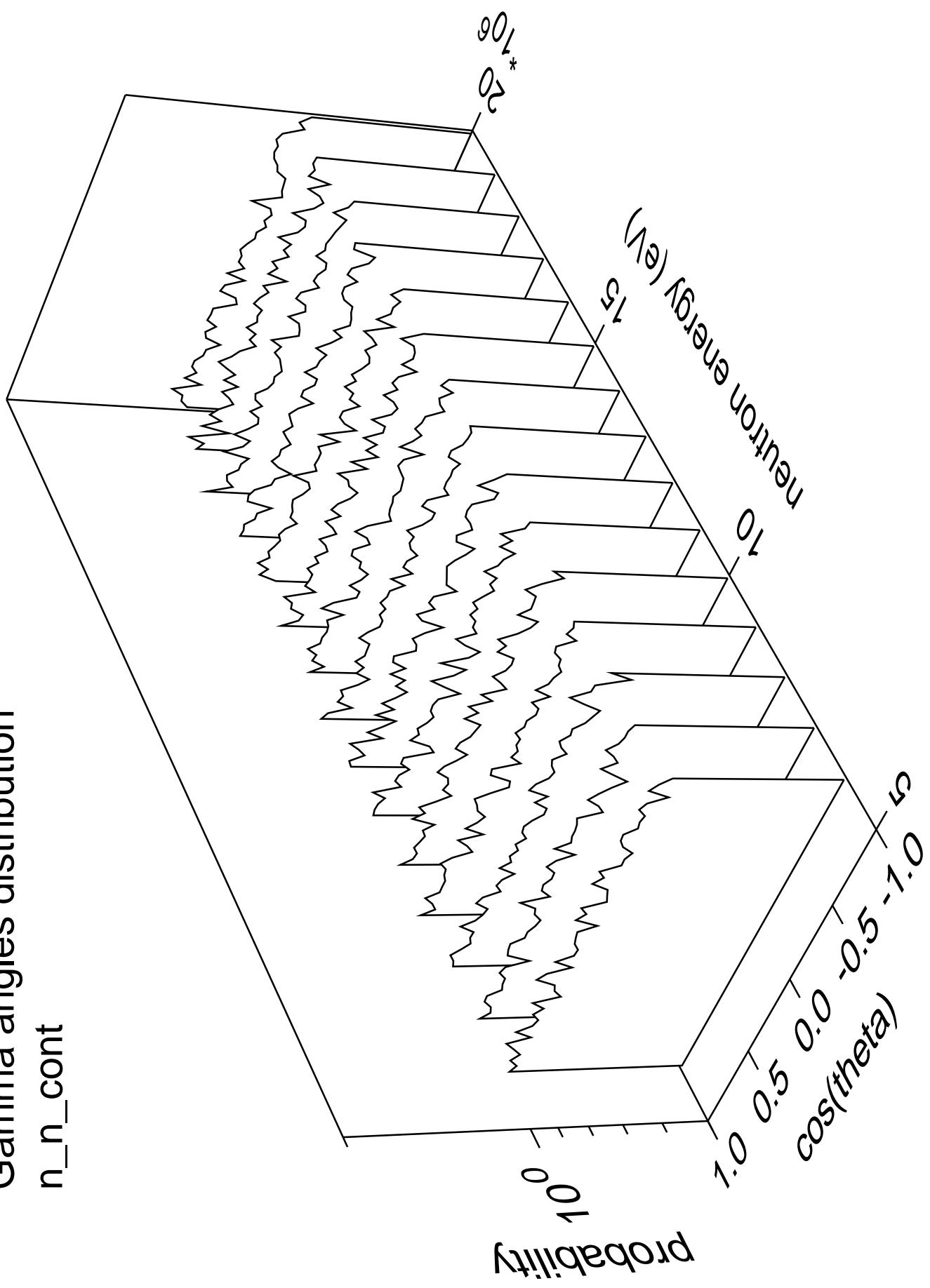


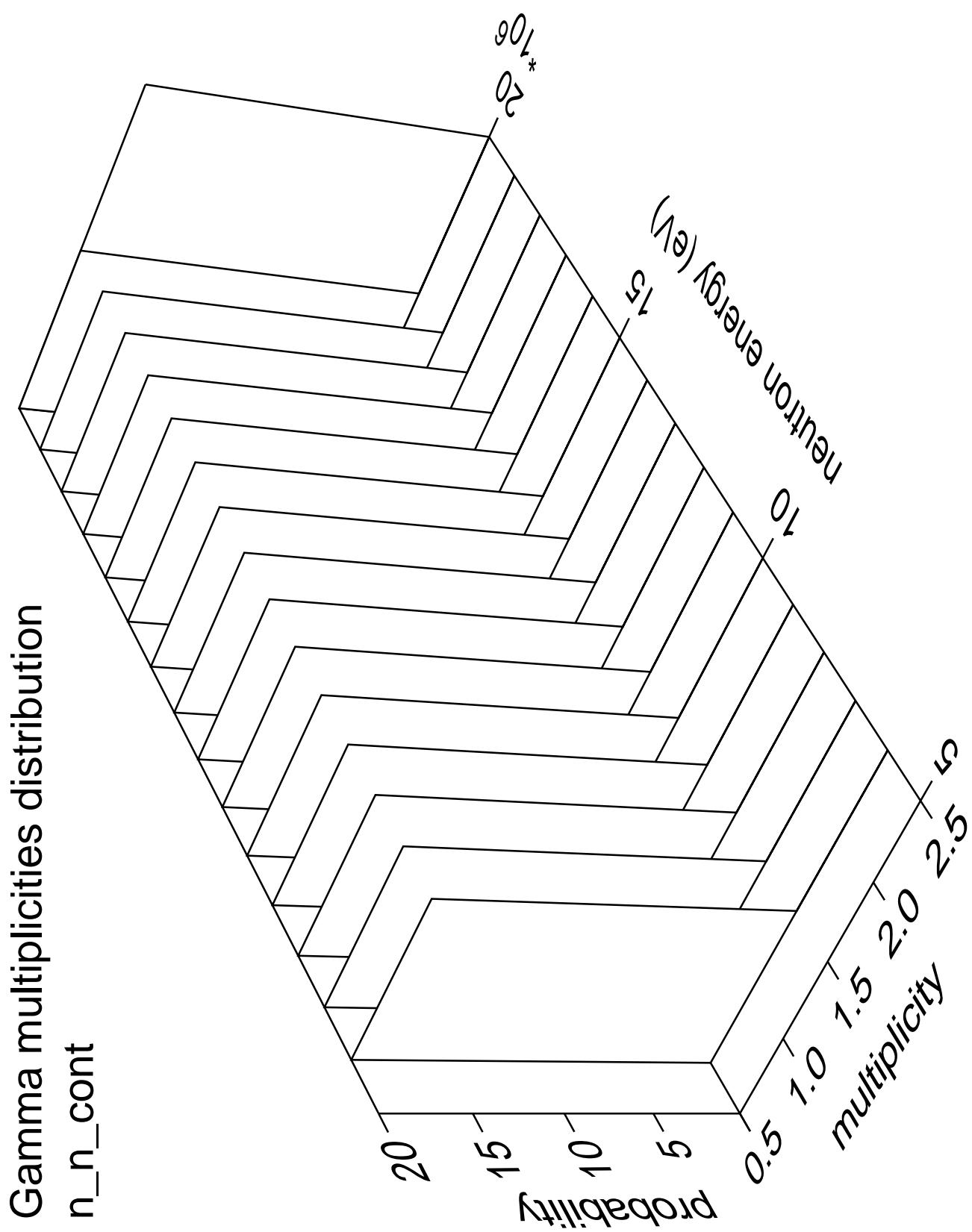
# Gamma energy distribution n\_n\_cont

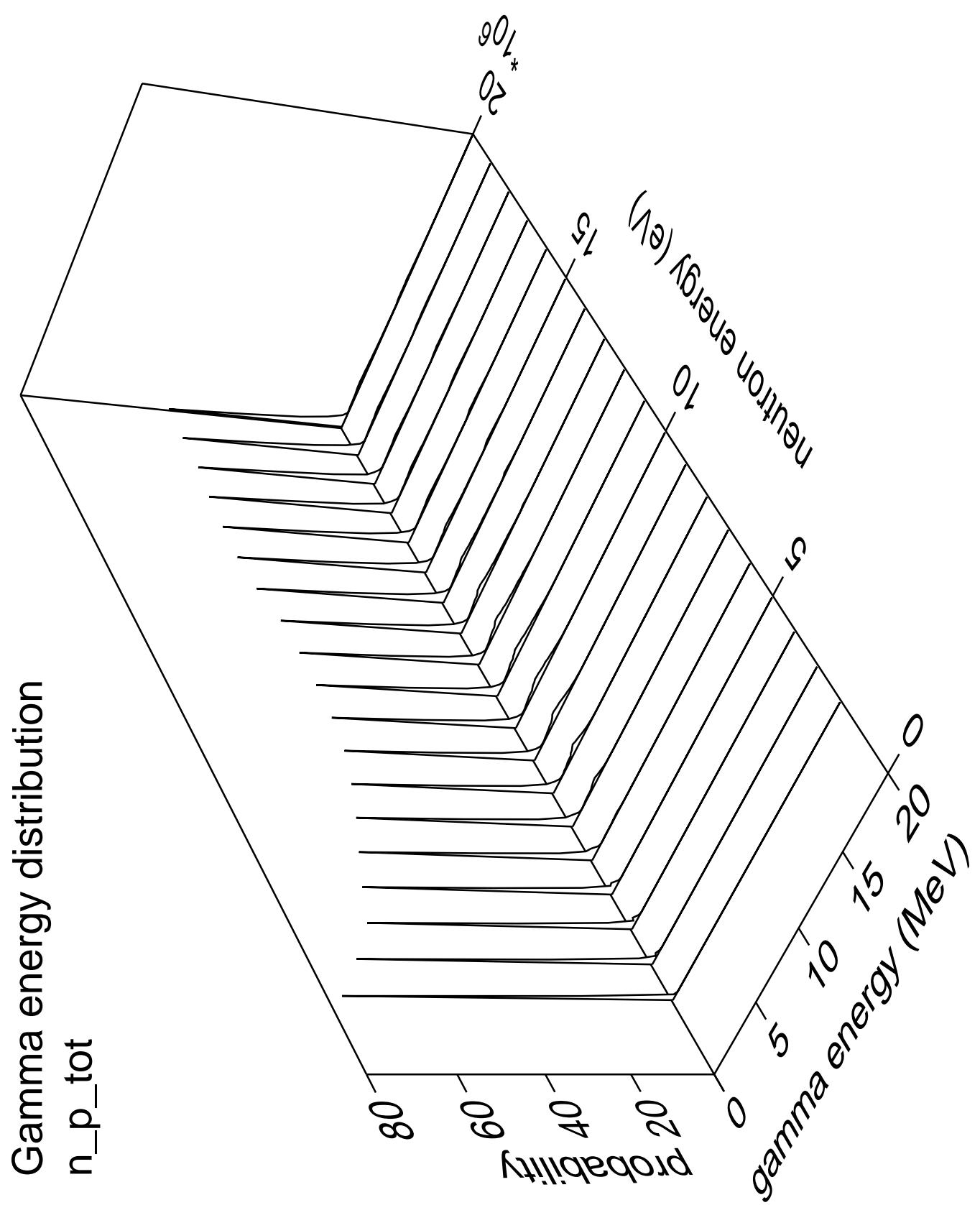


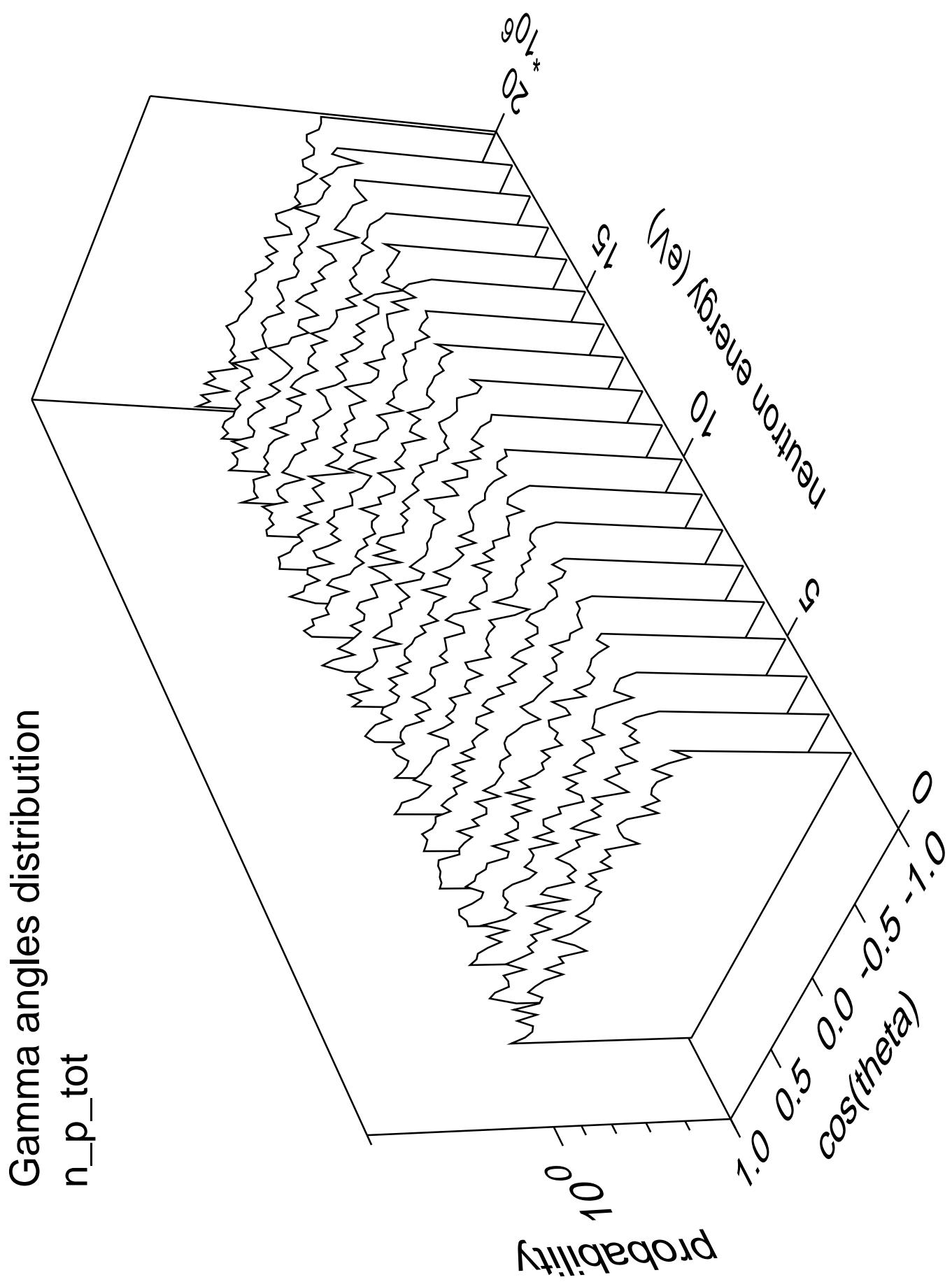
Gamma angles distribution

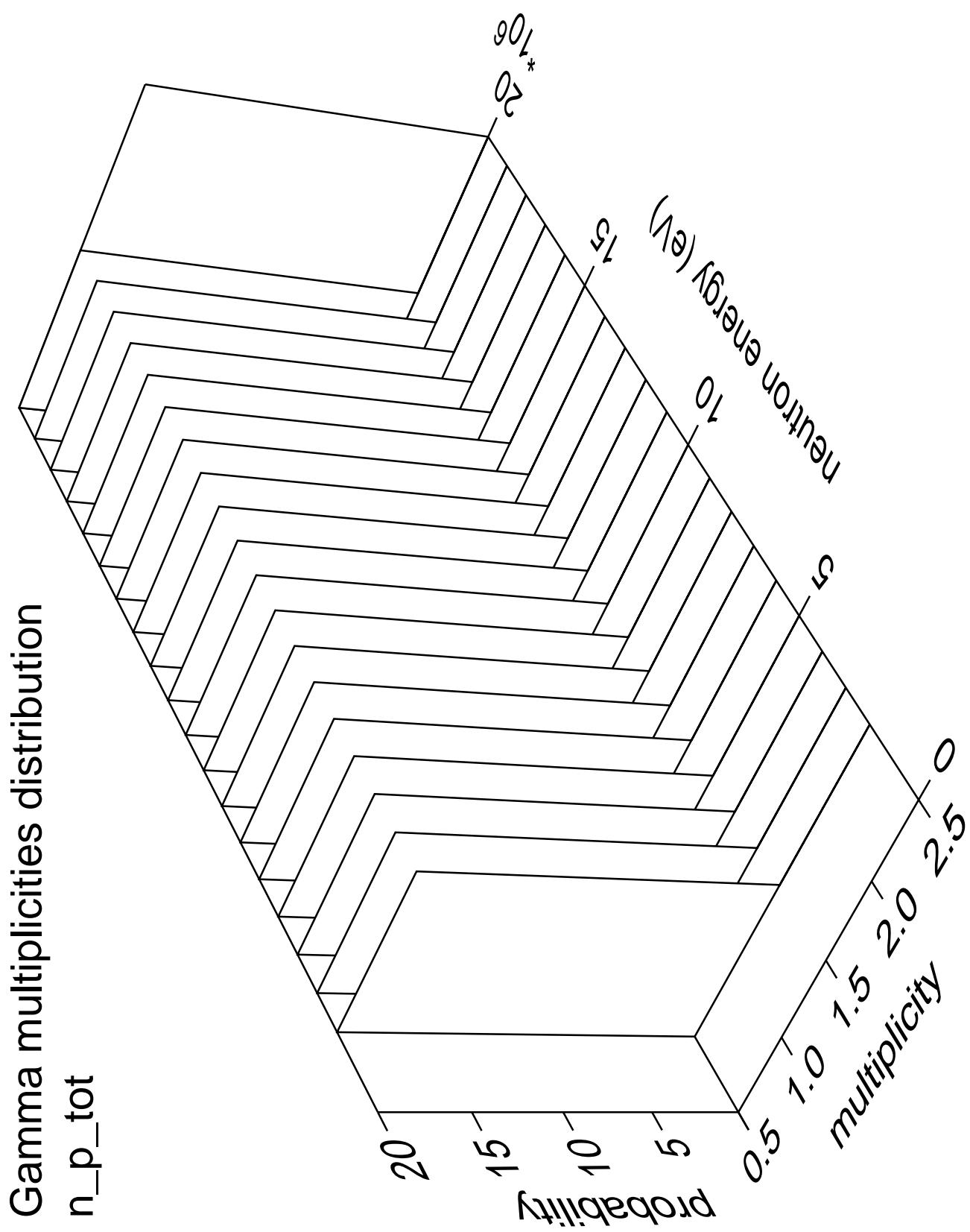
n\_n\_cont

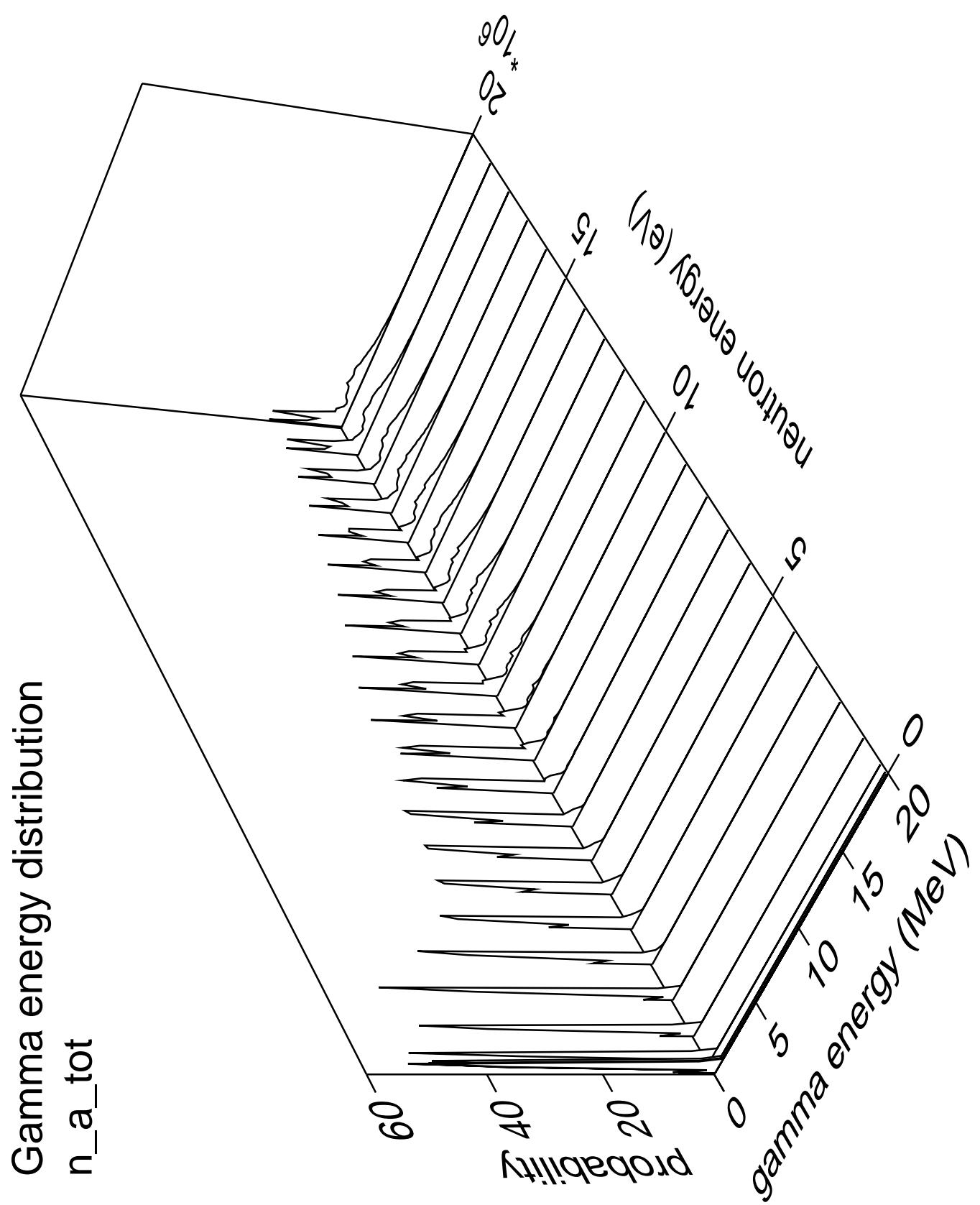












Gamma angles distribution

$n_a_{tot}$

