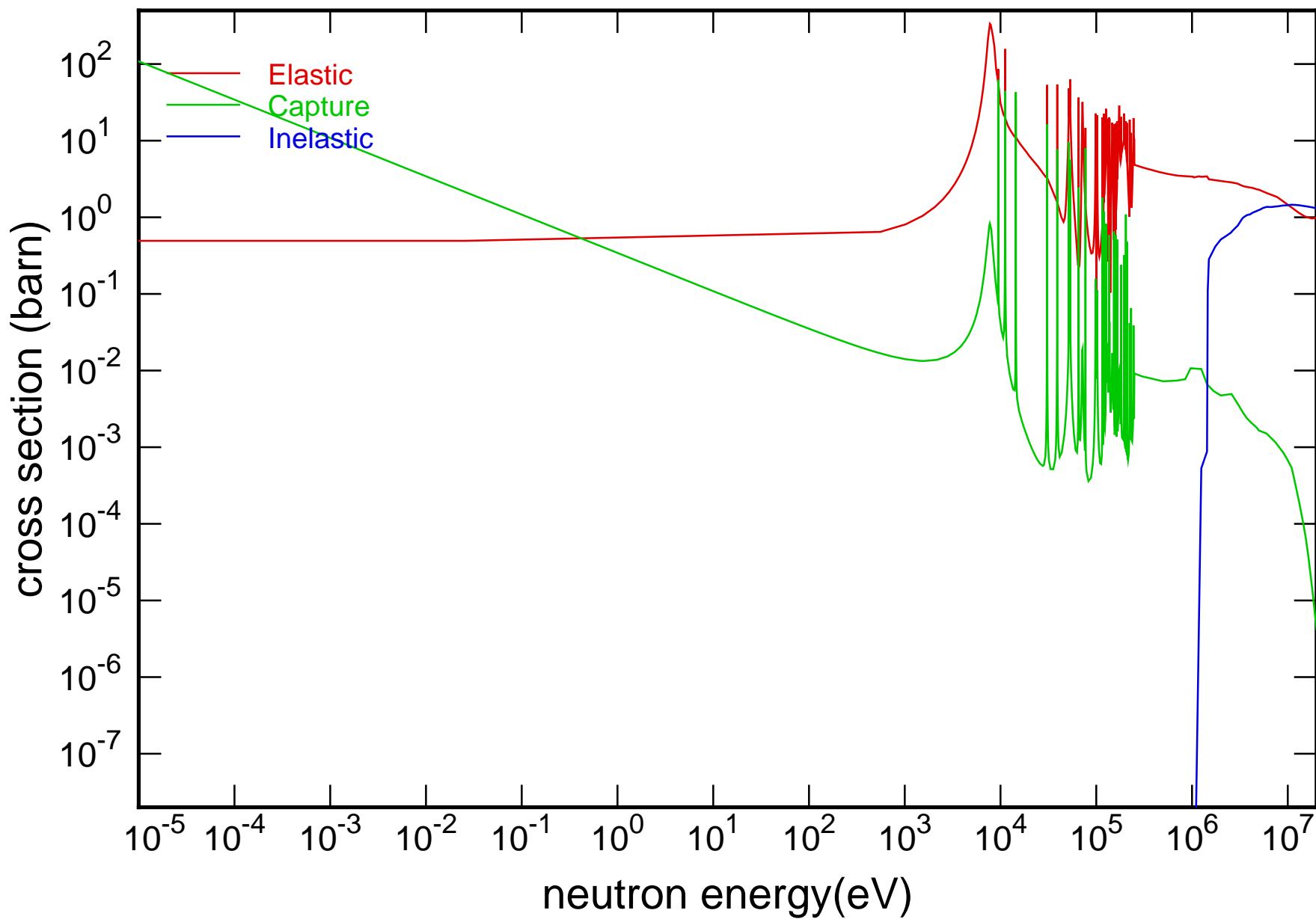
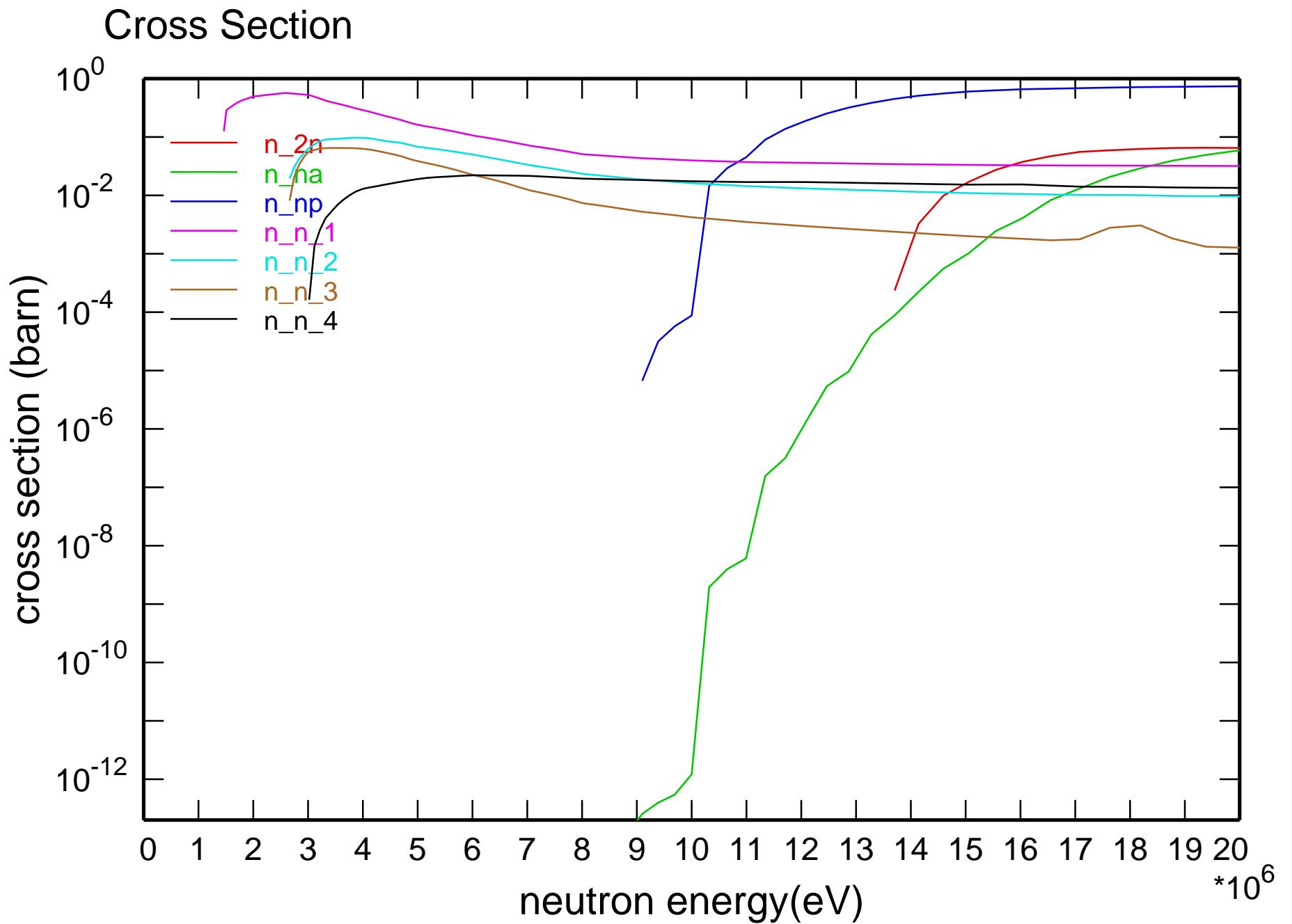
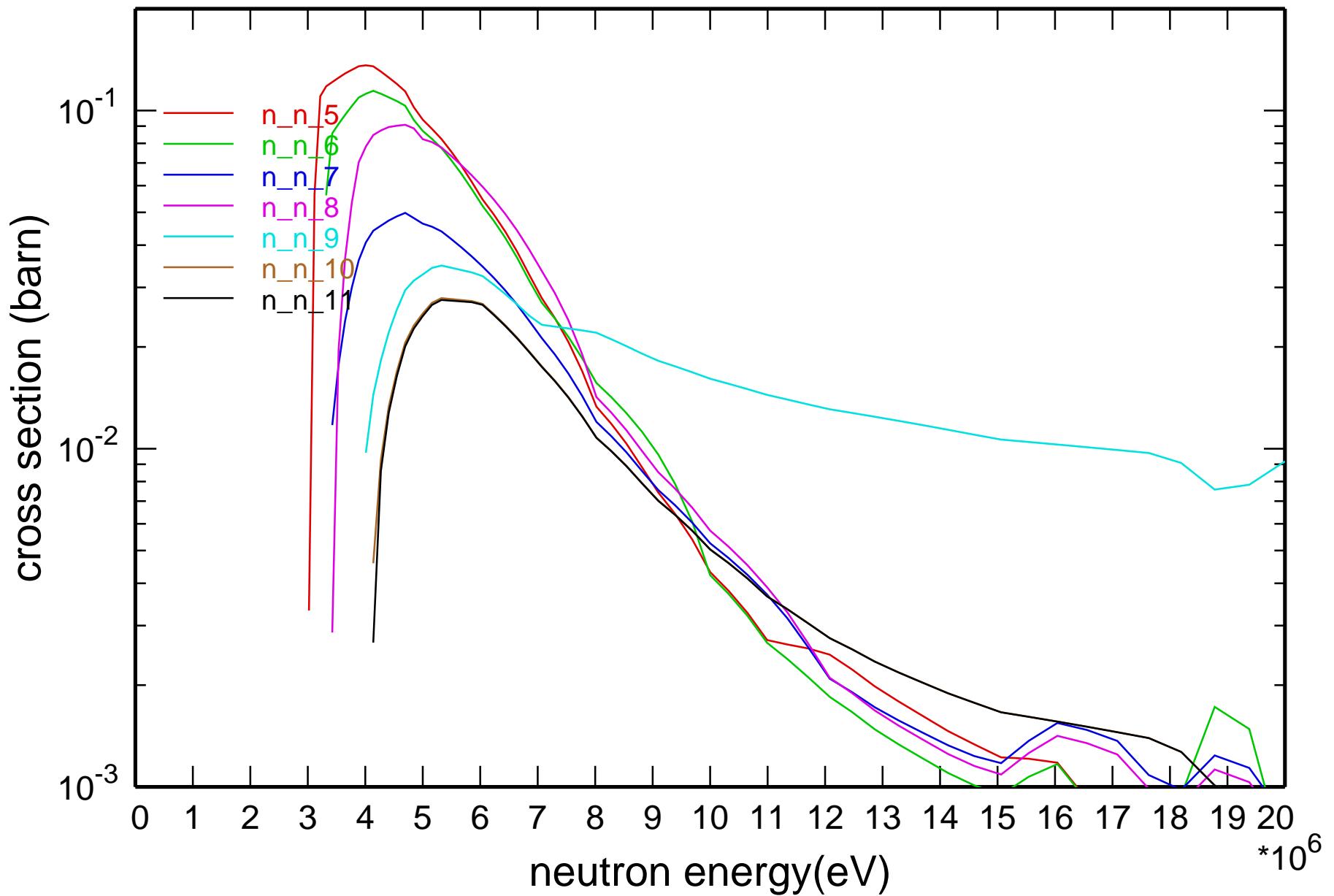


## Main Cross Sections

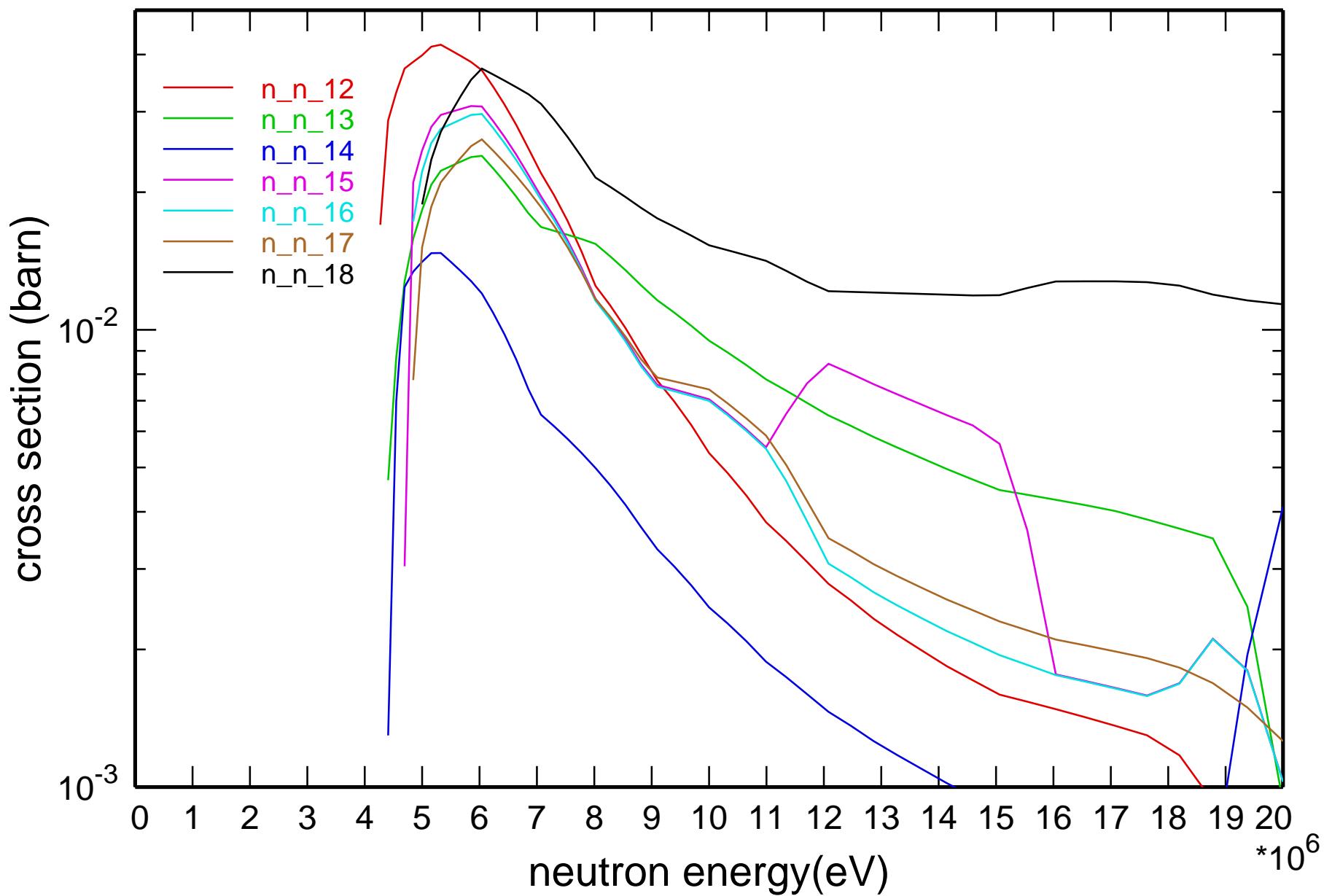




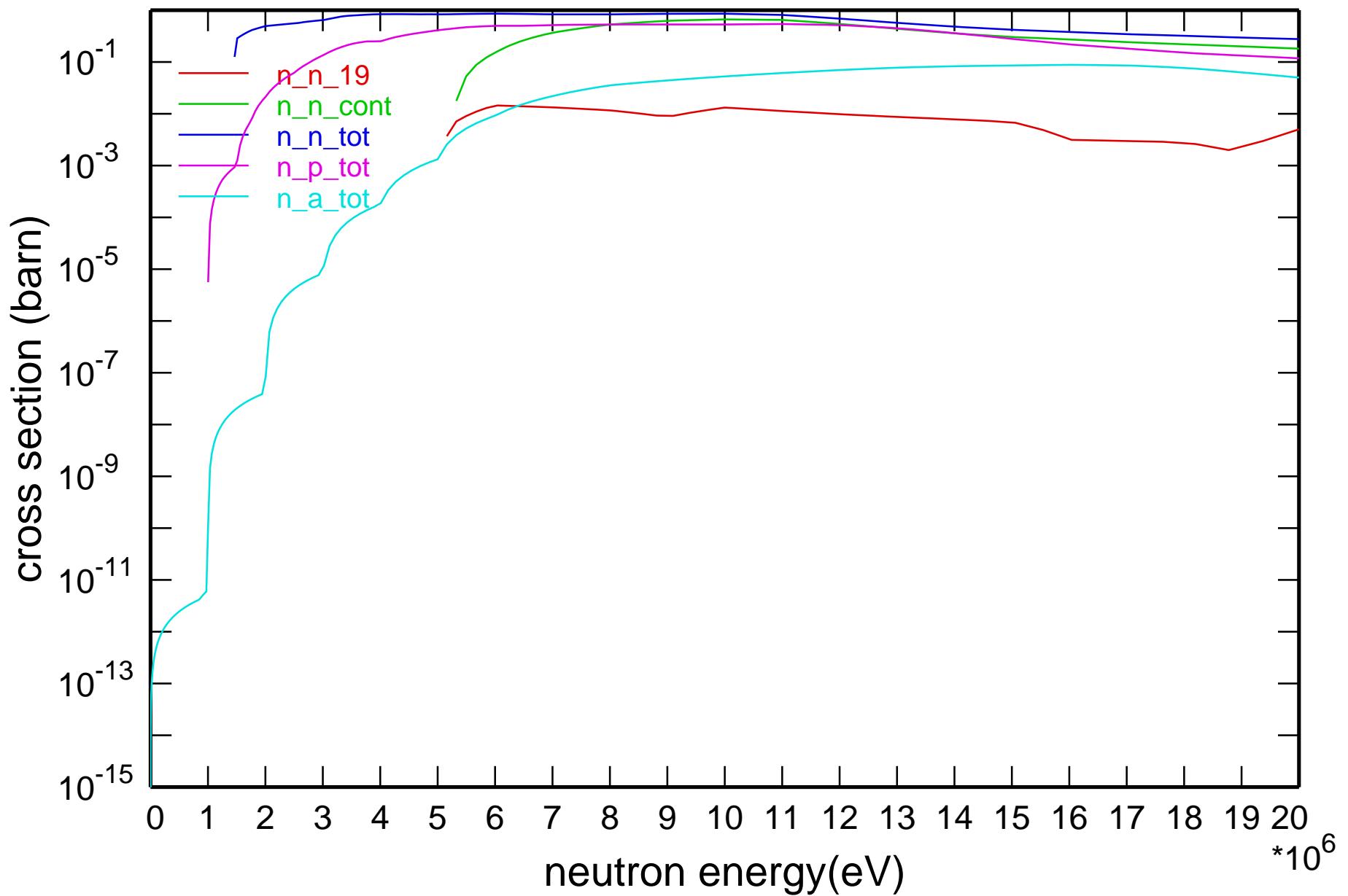
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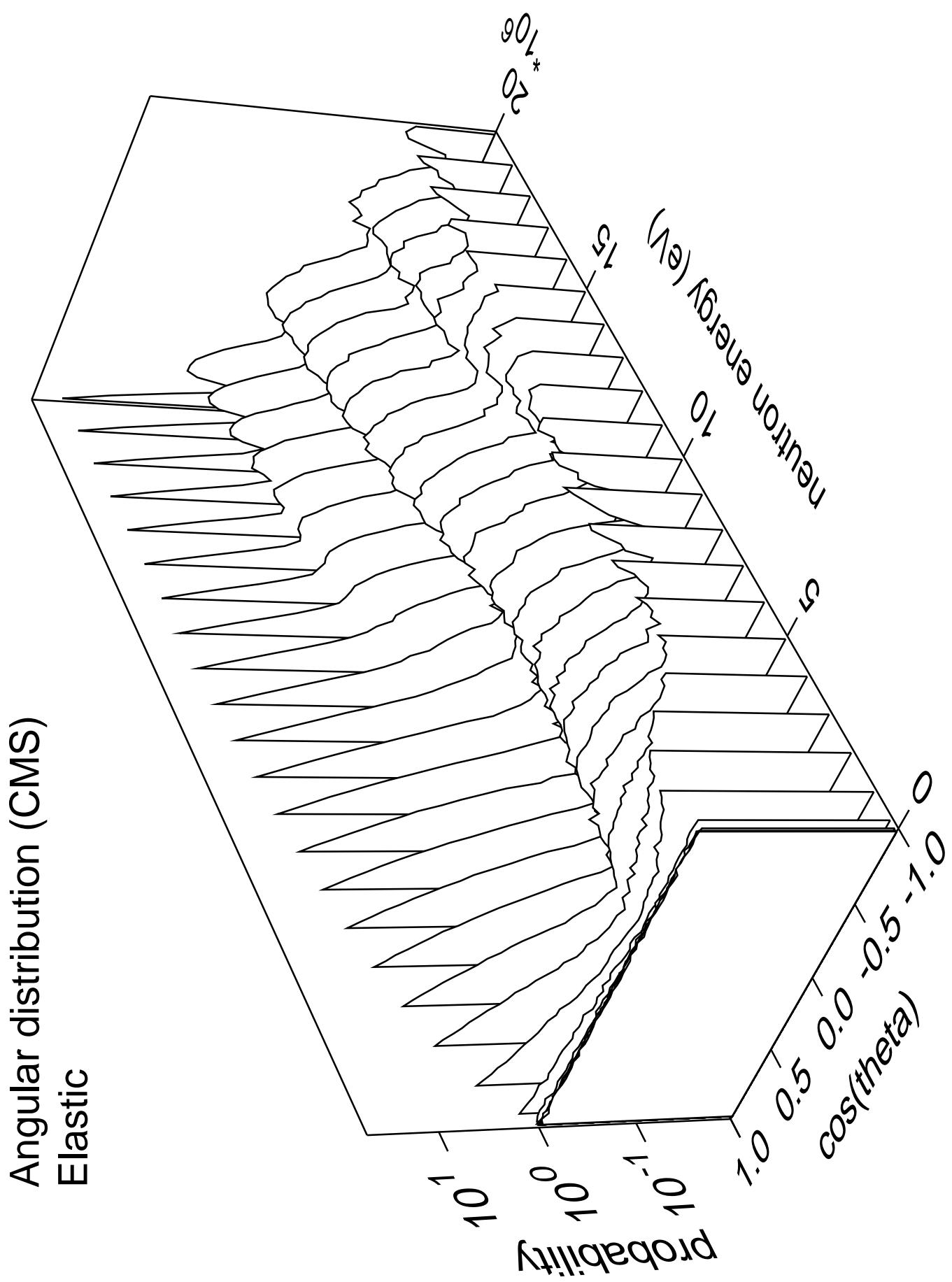


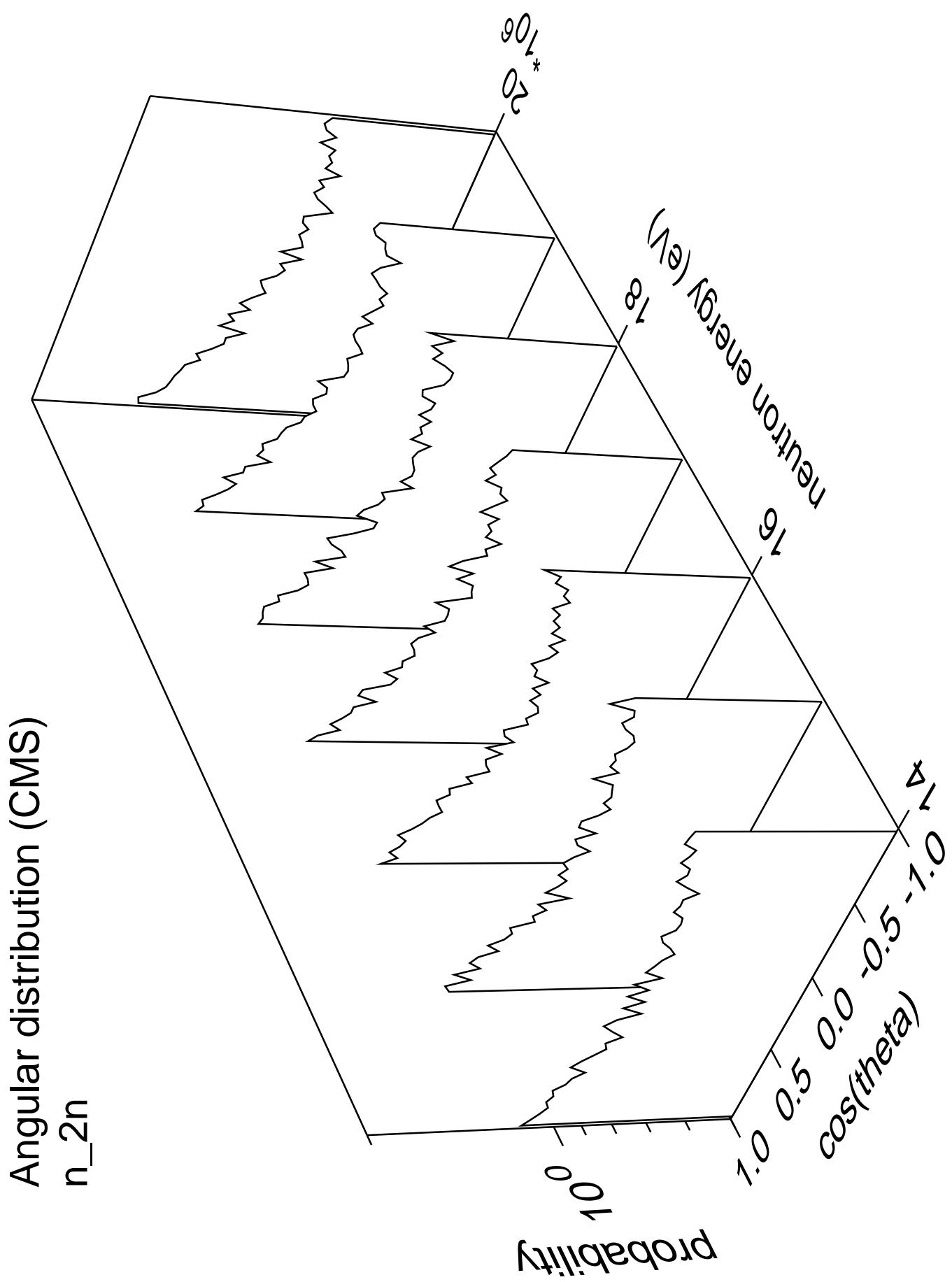
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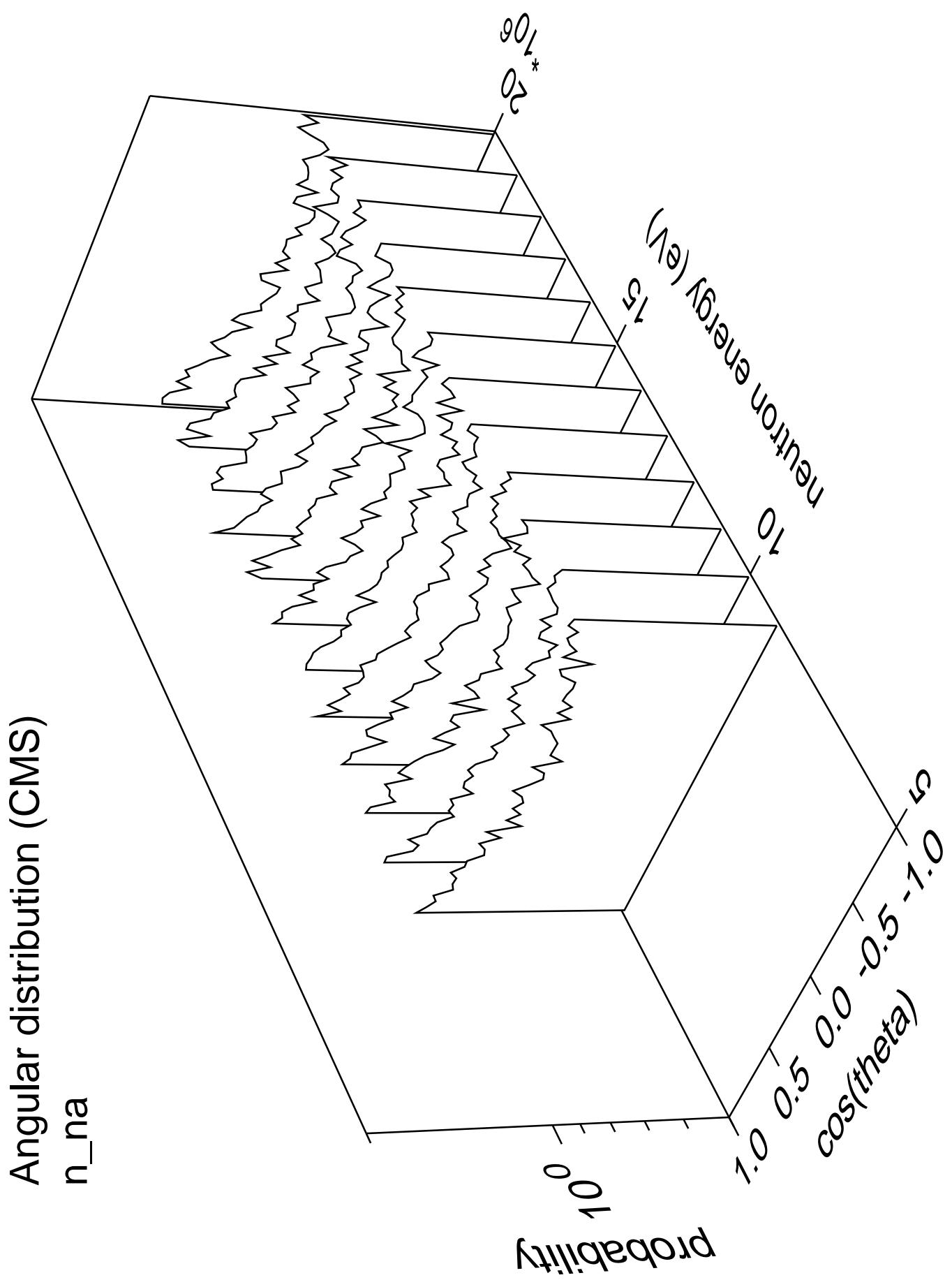


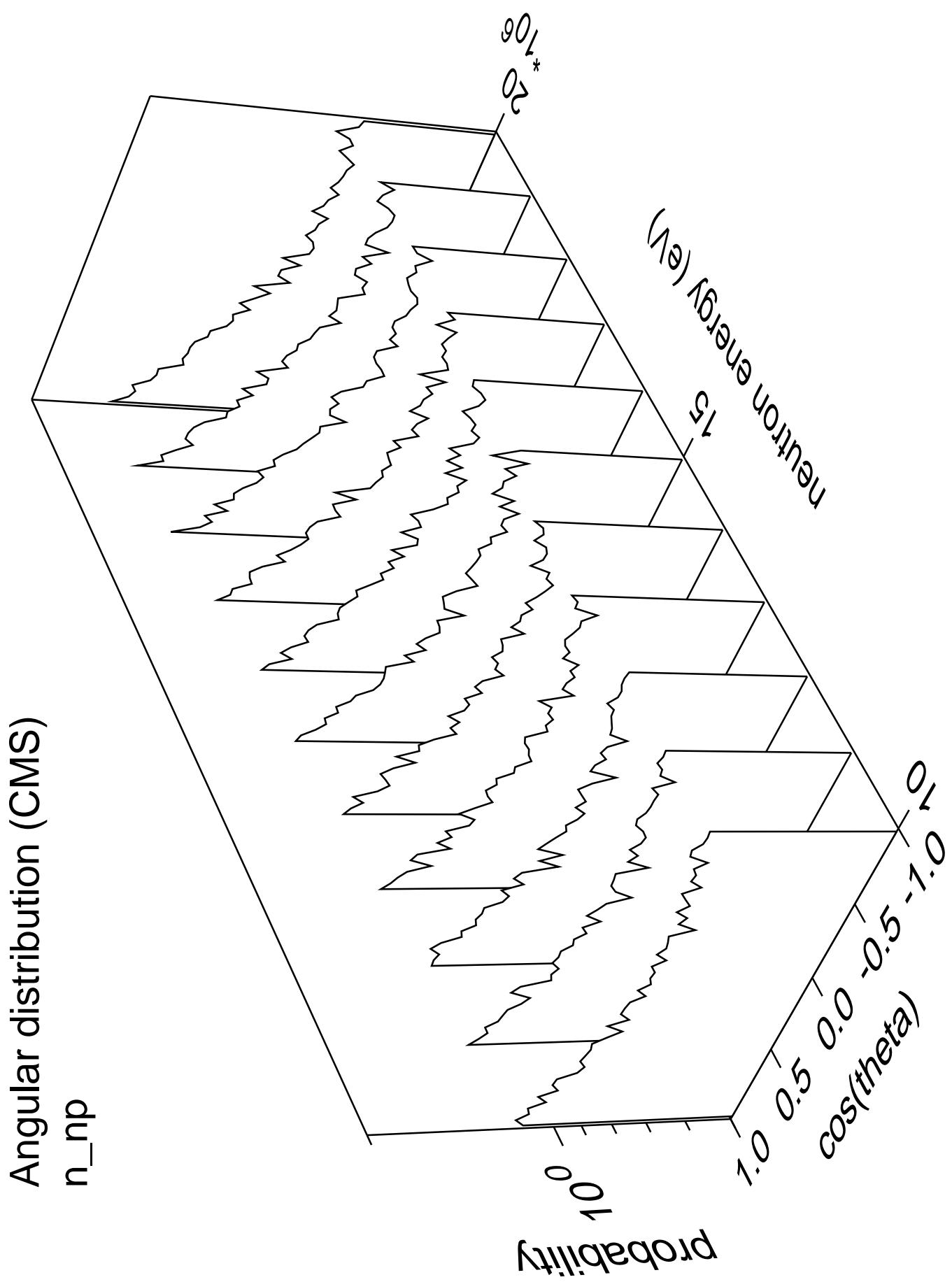
# Cross Section

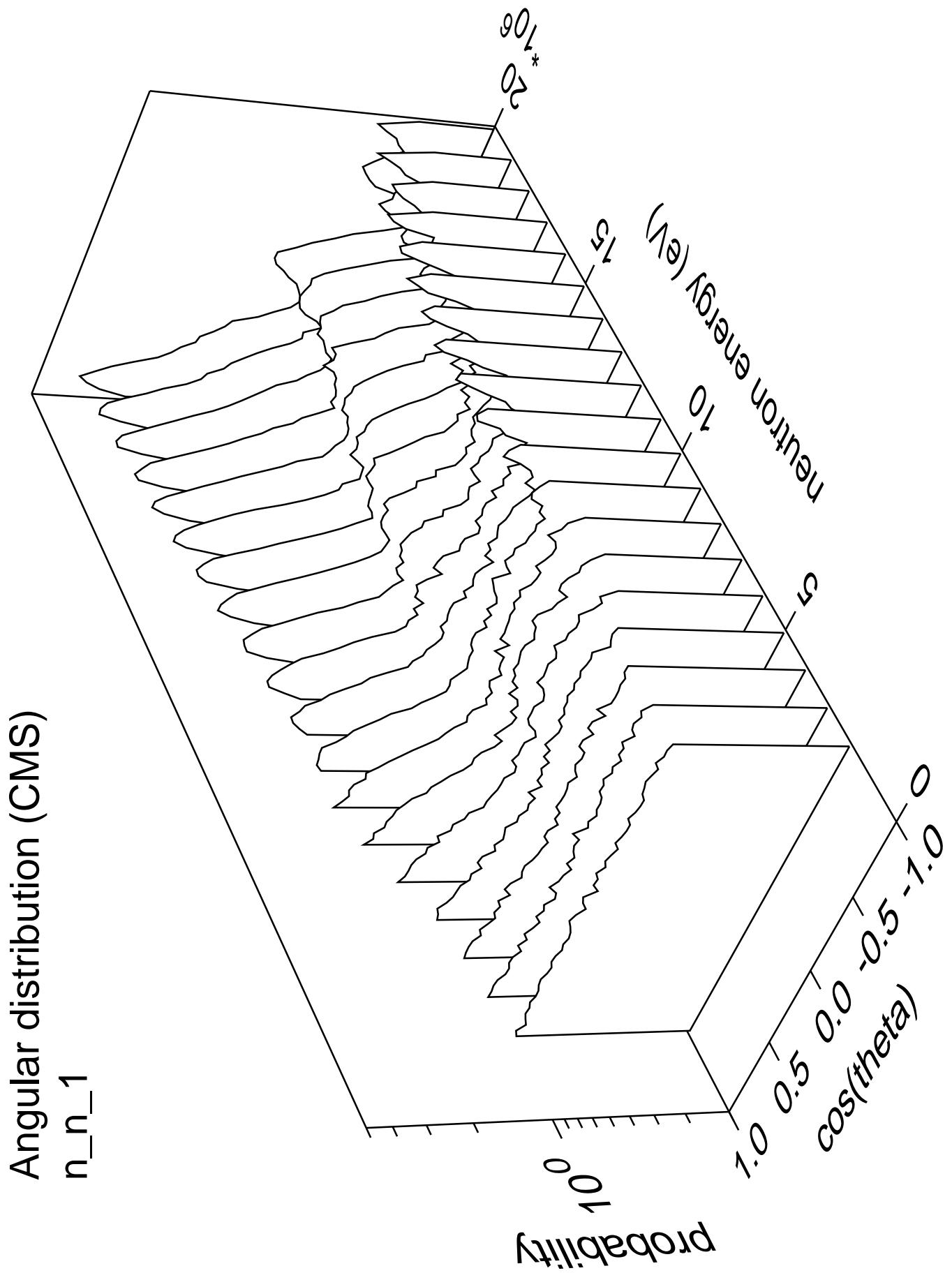


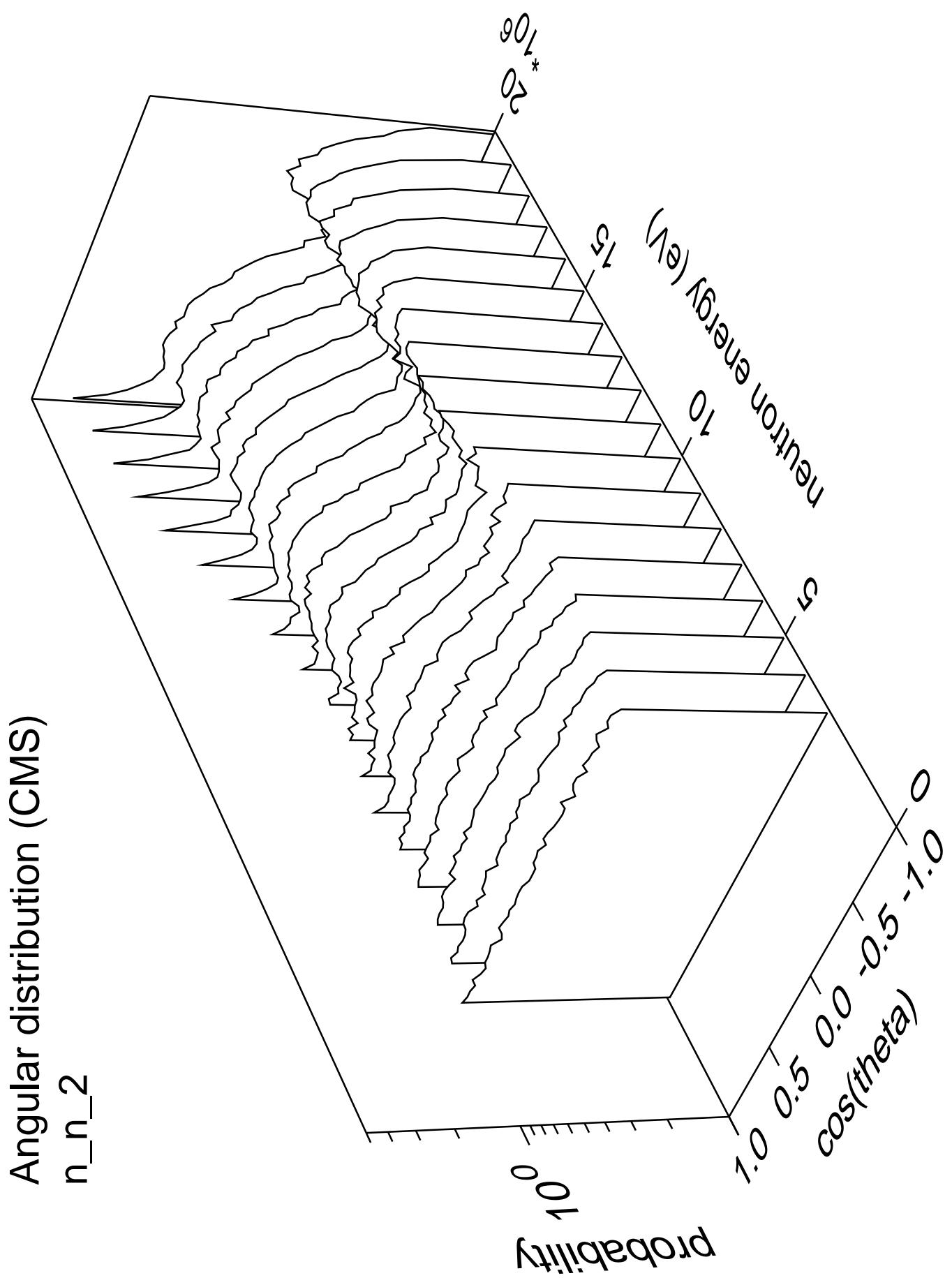


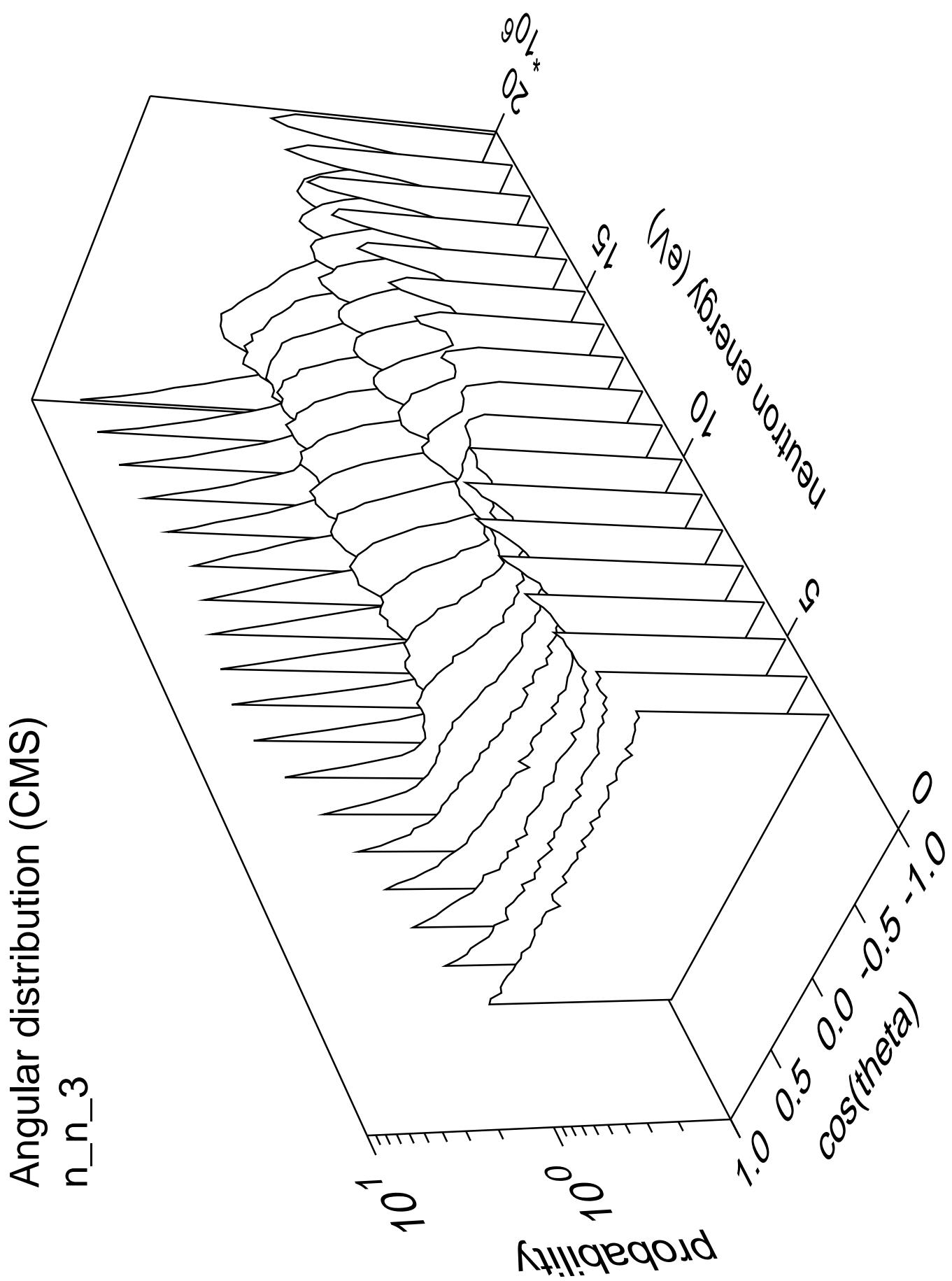


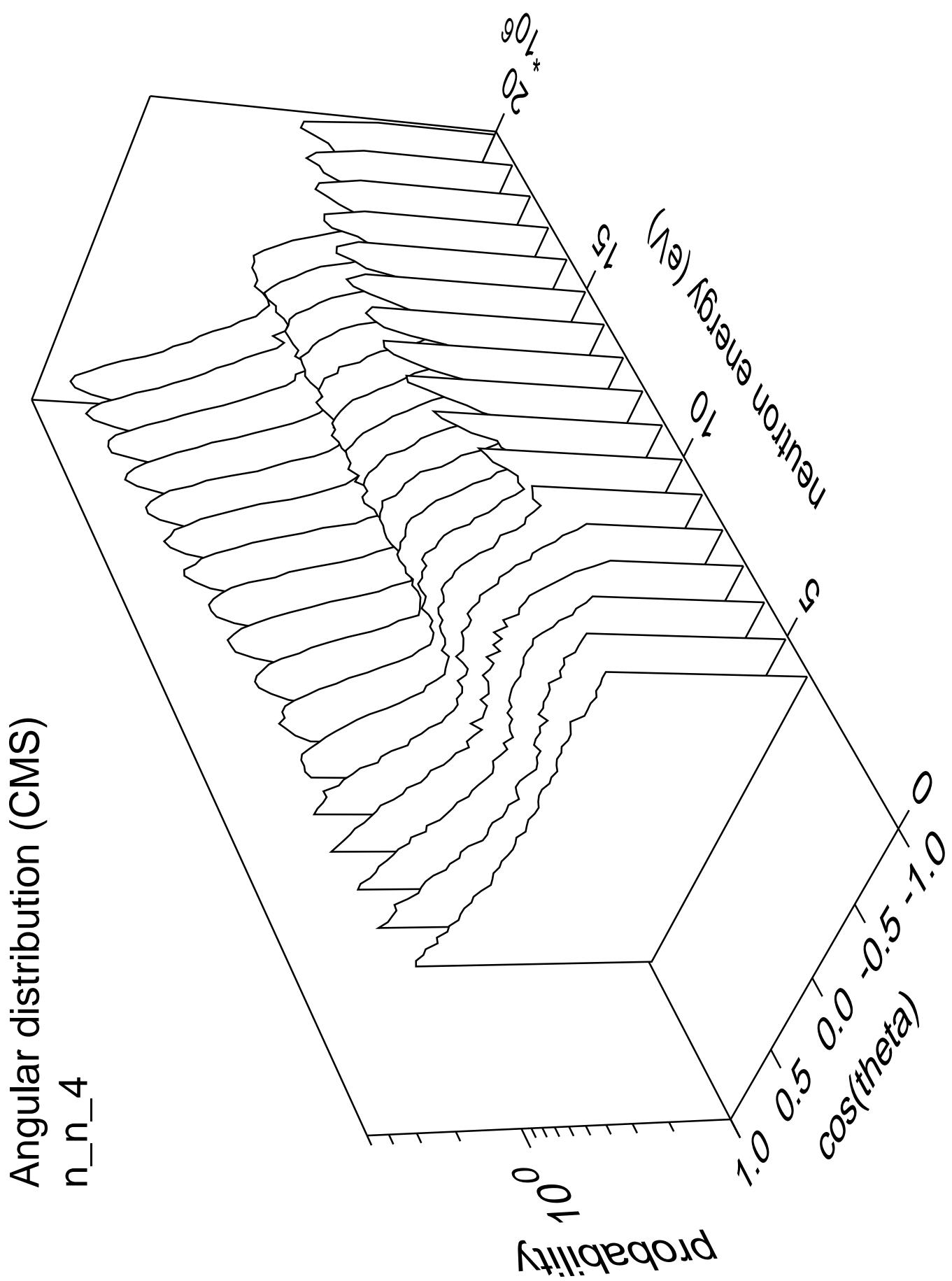


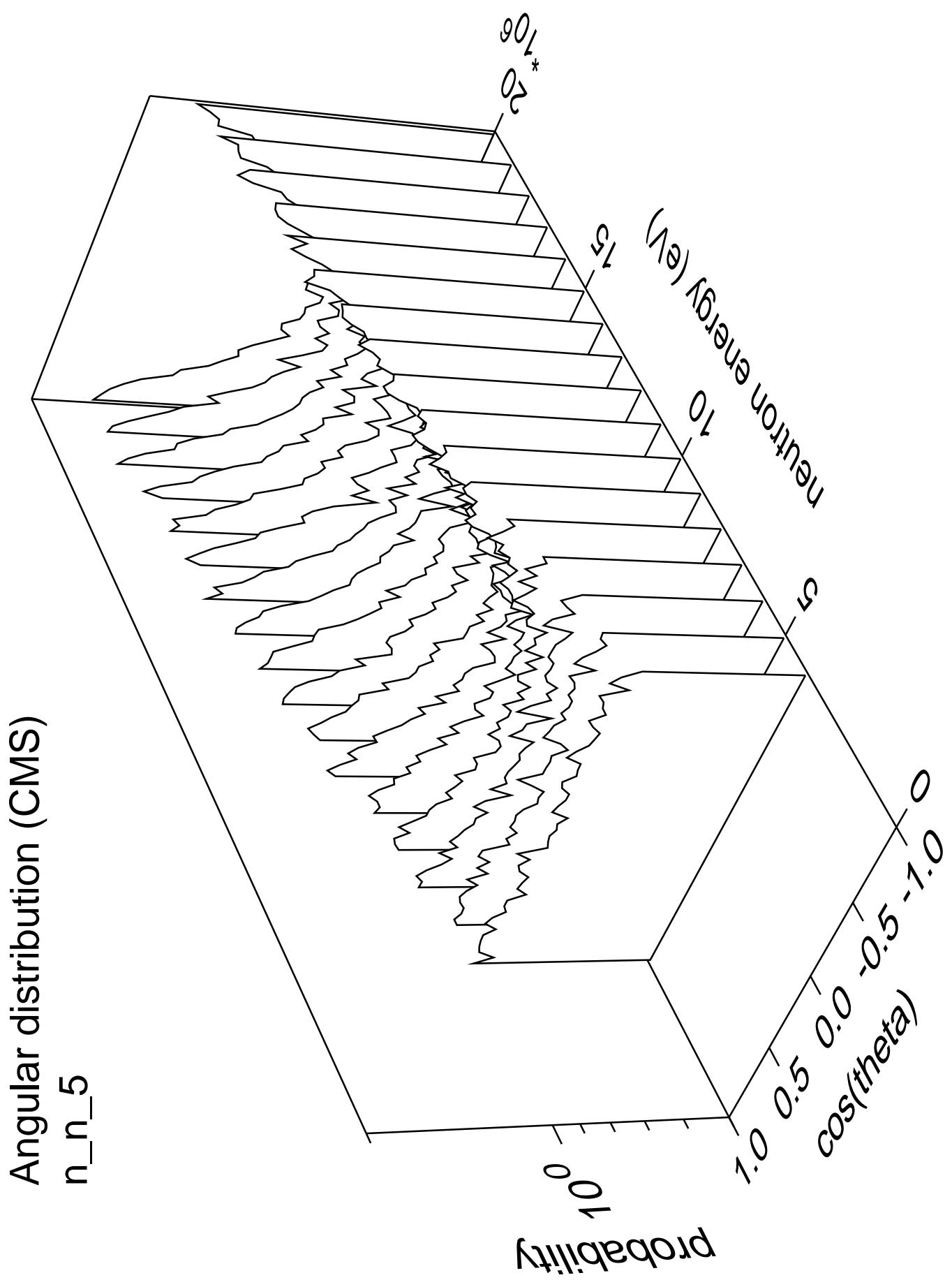


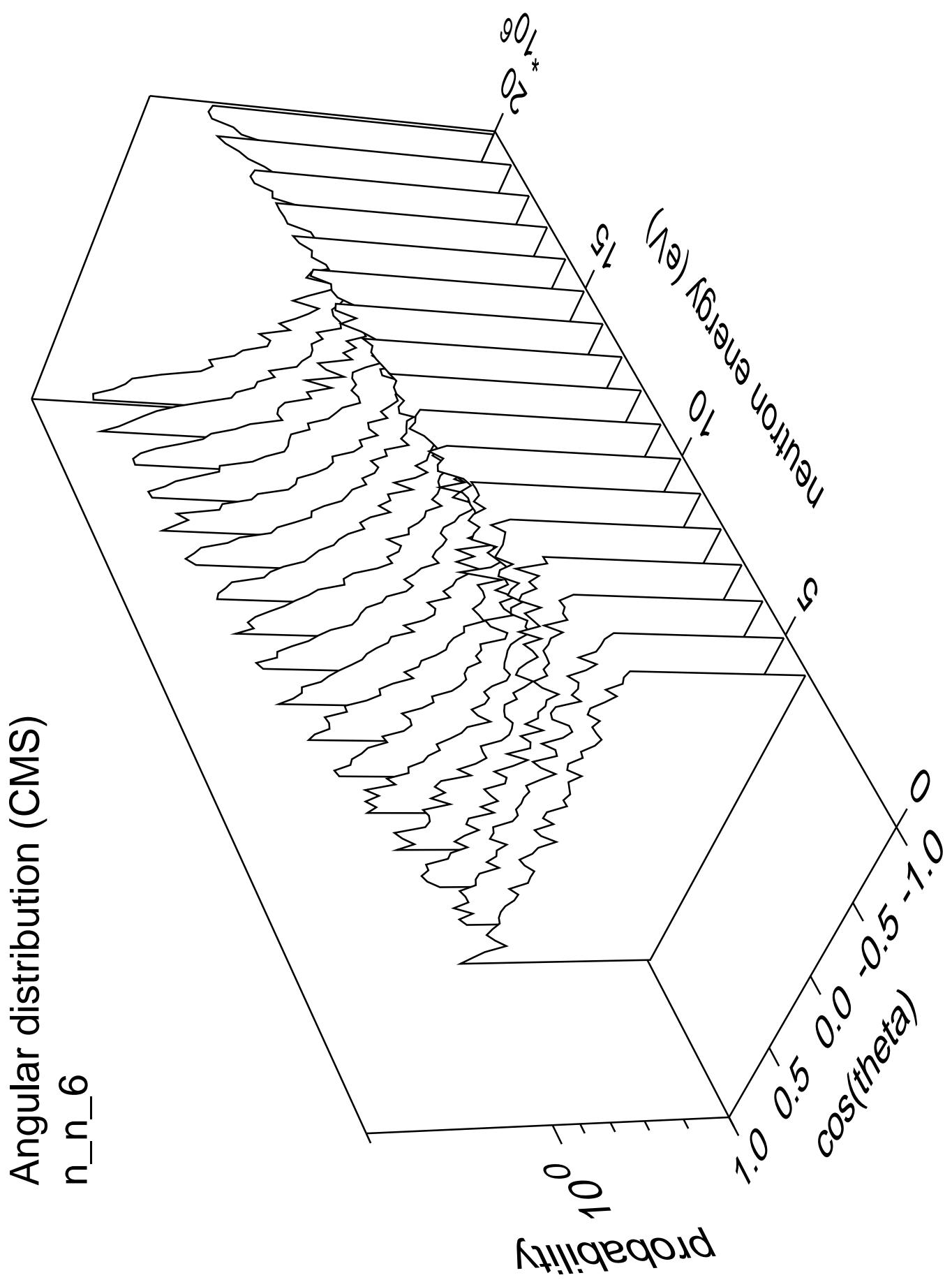


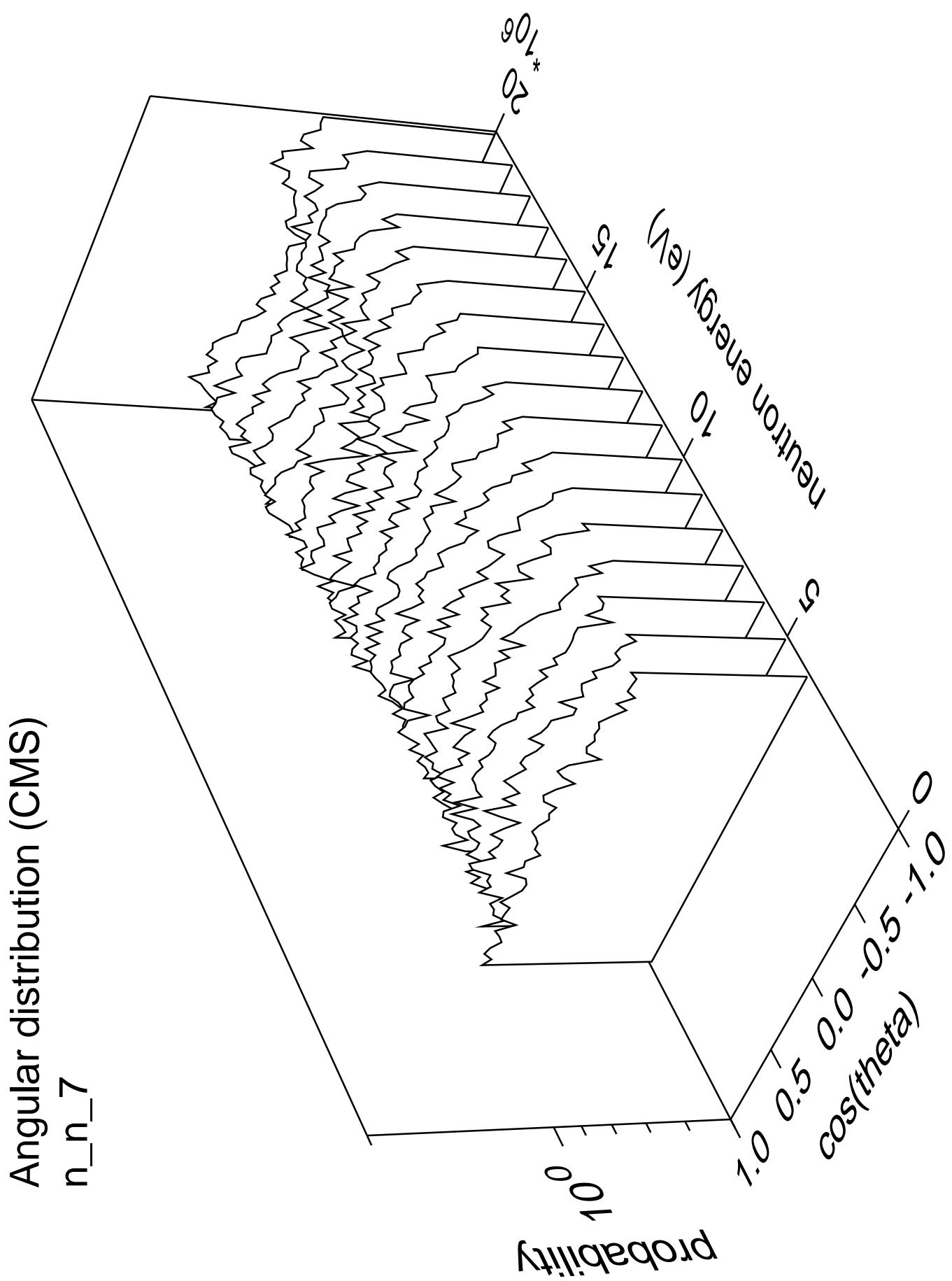


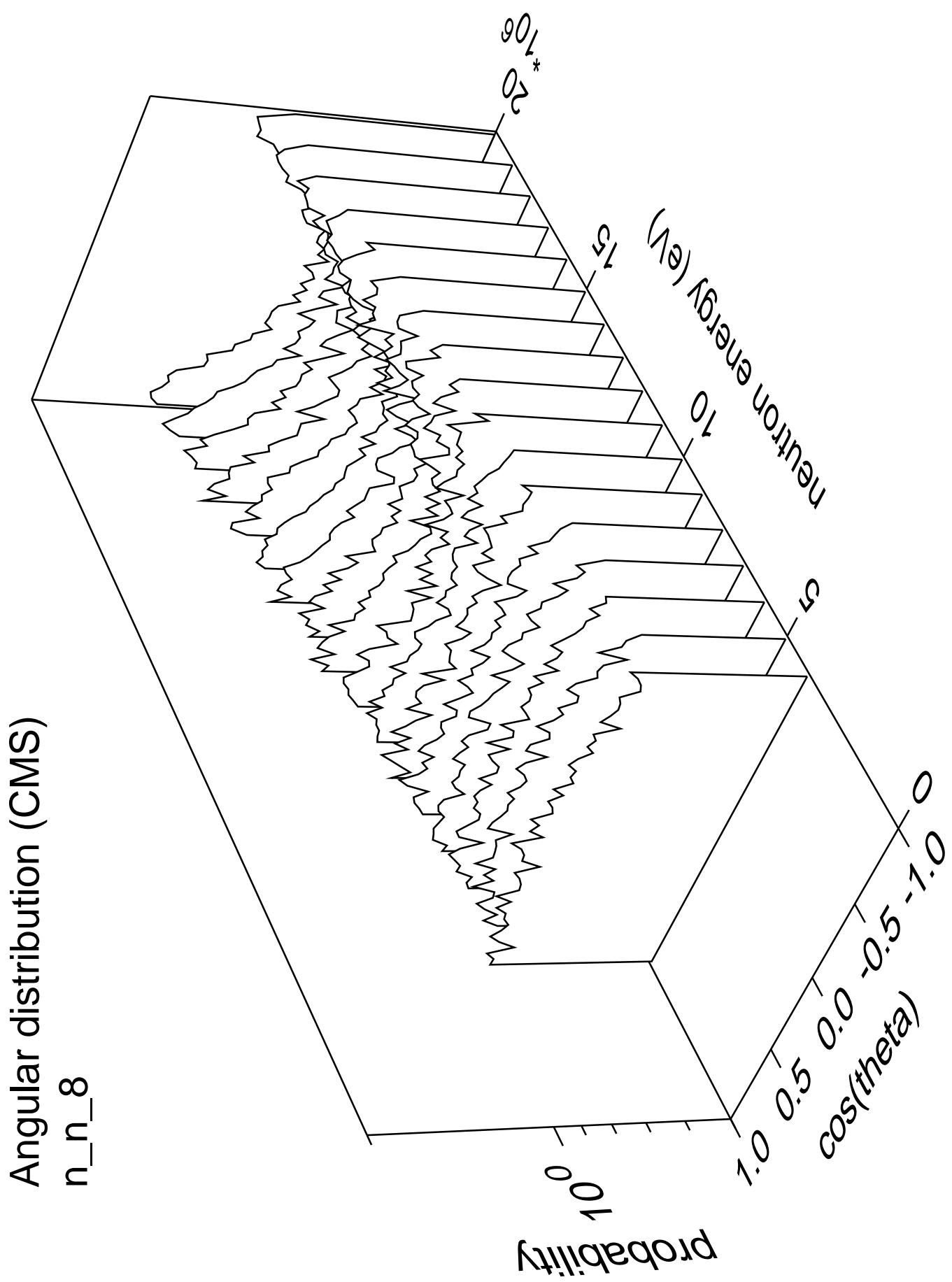


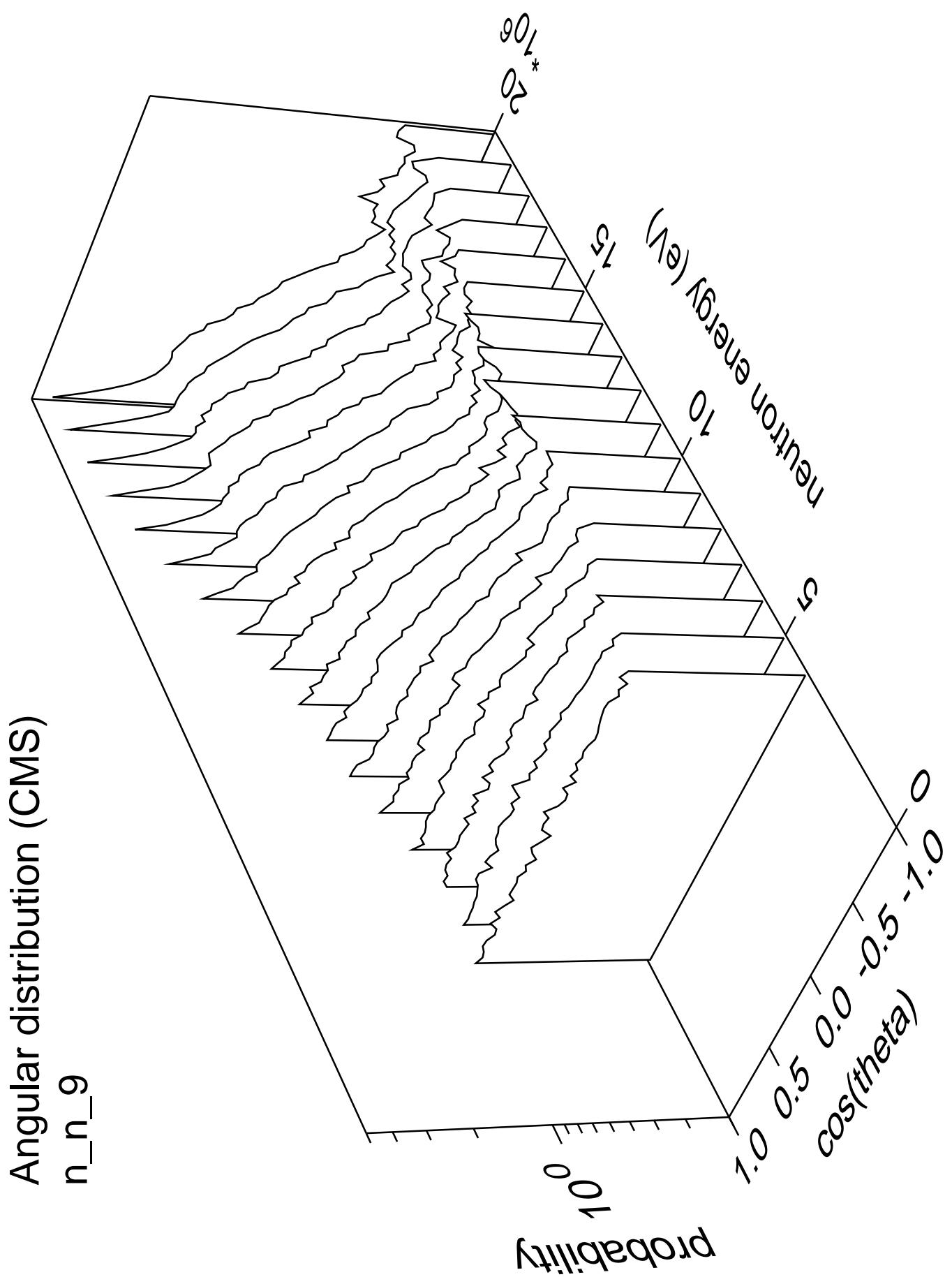


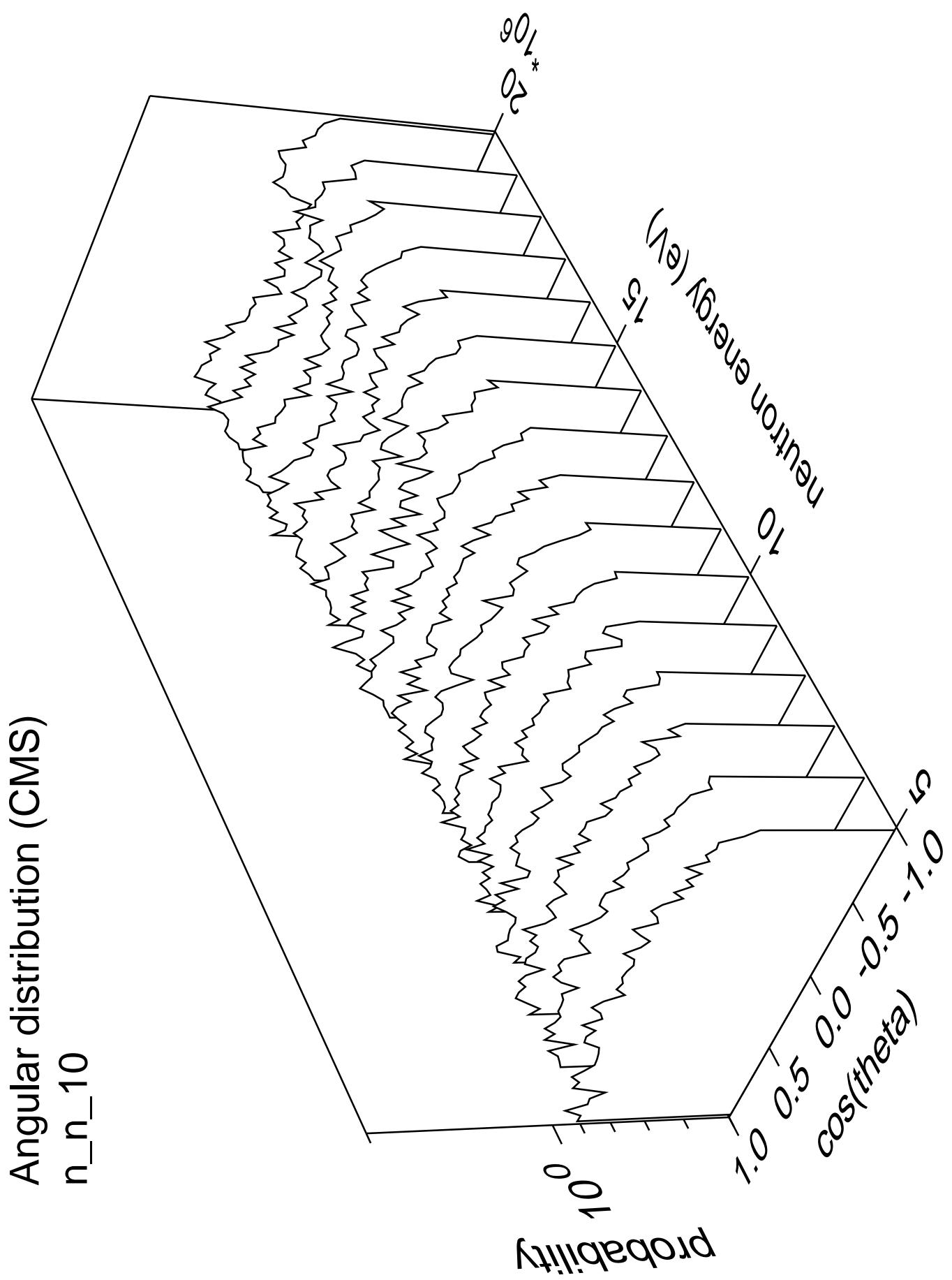


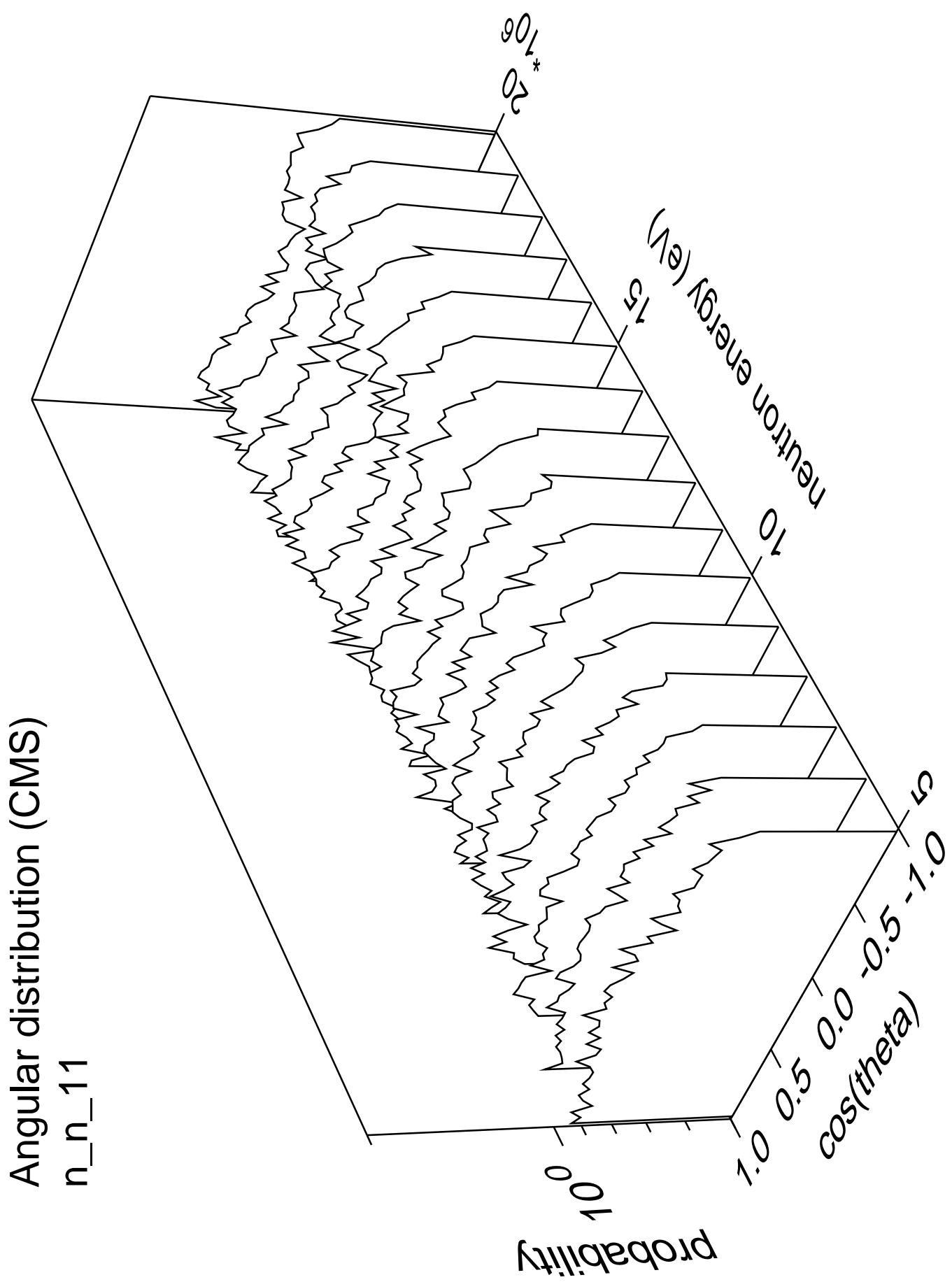


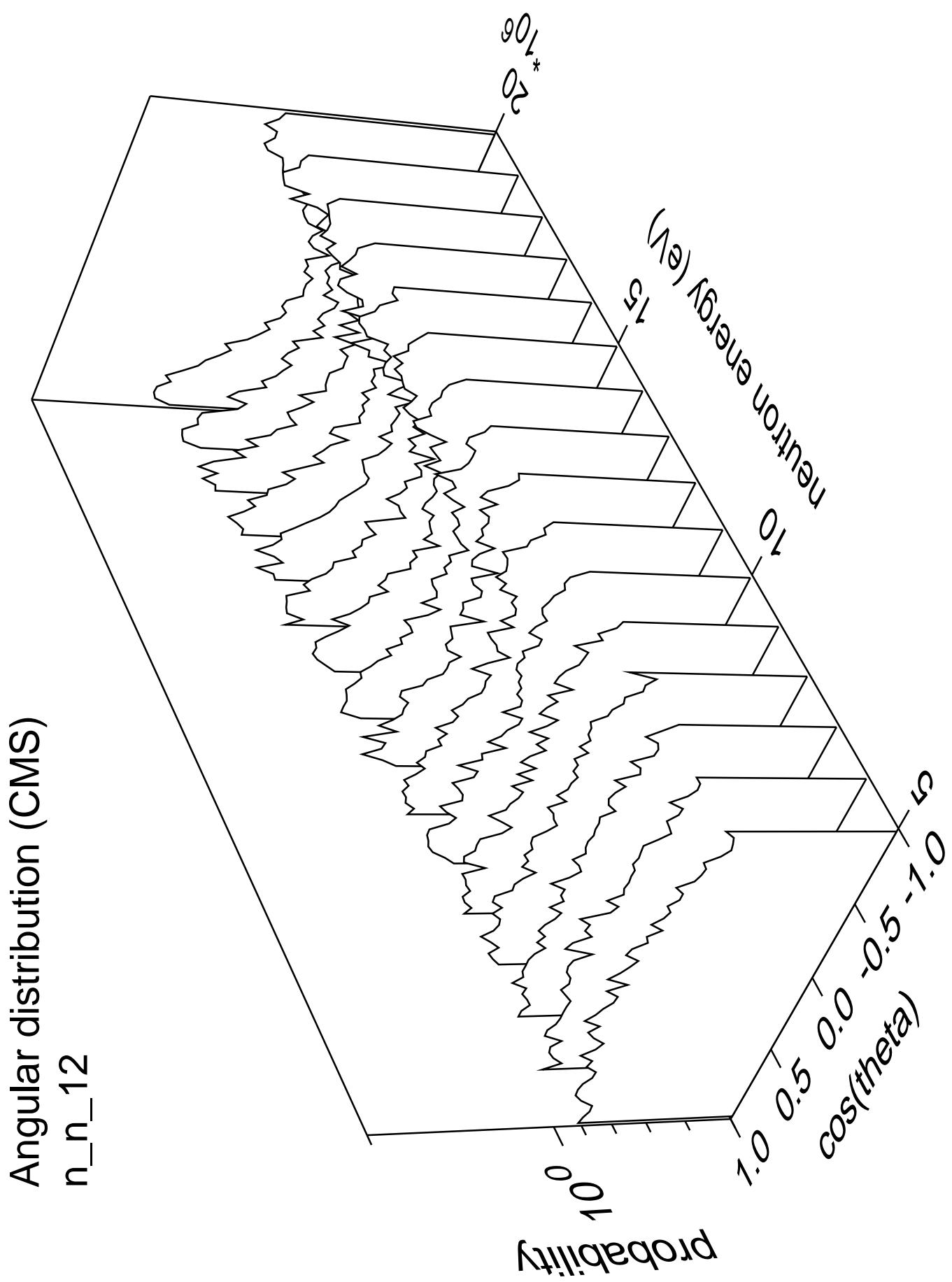


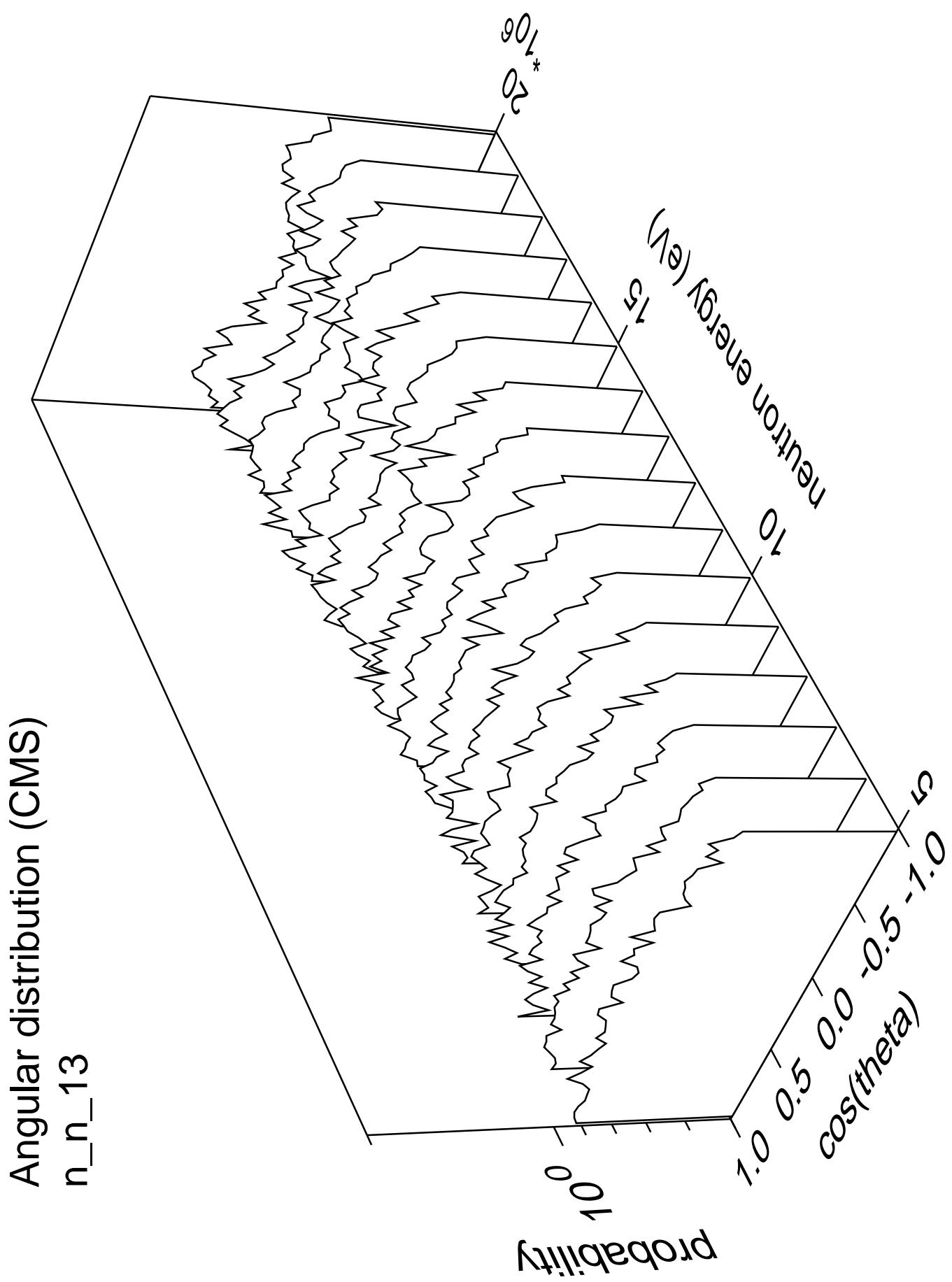


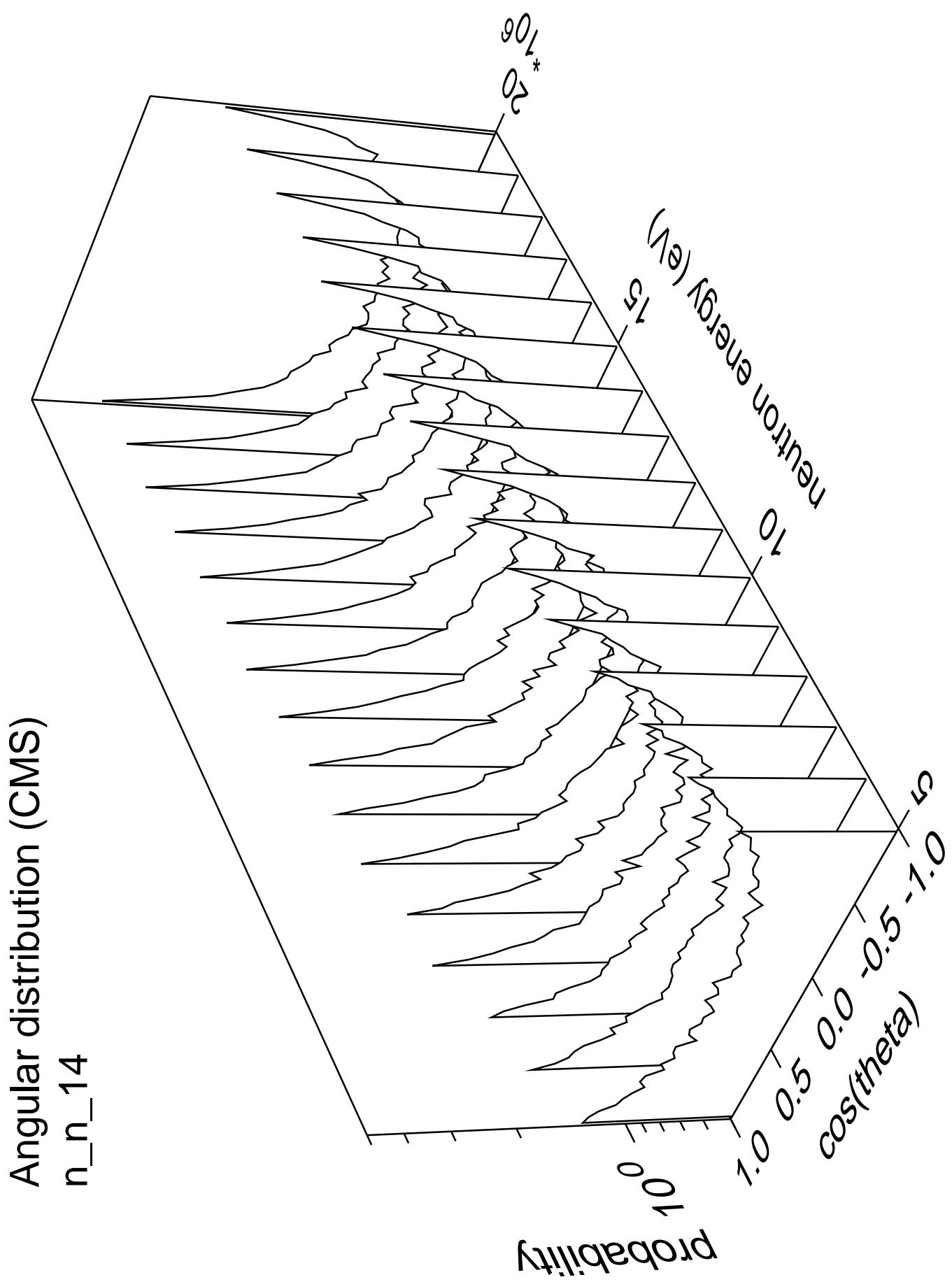


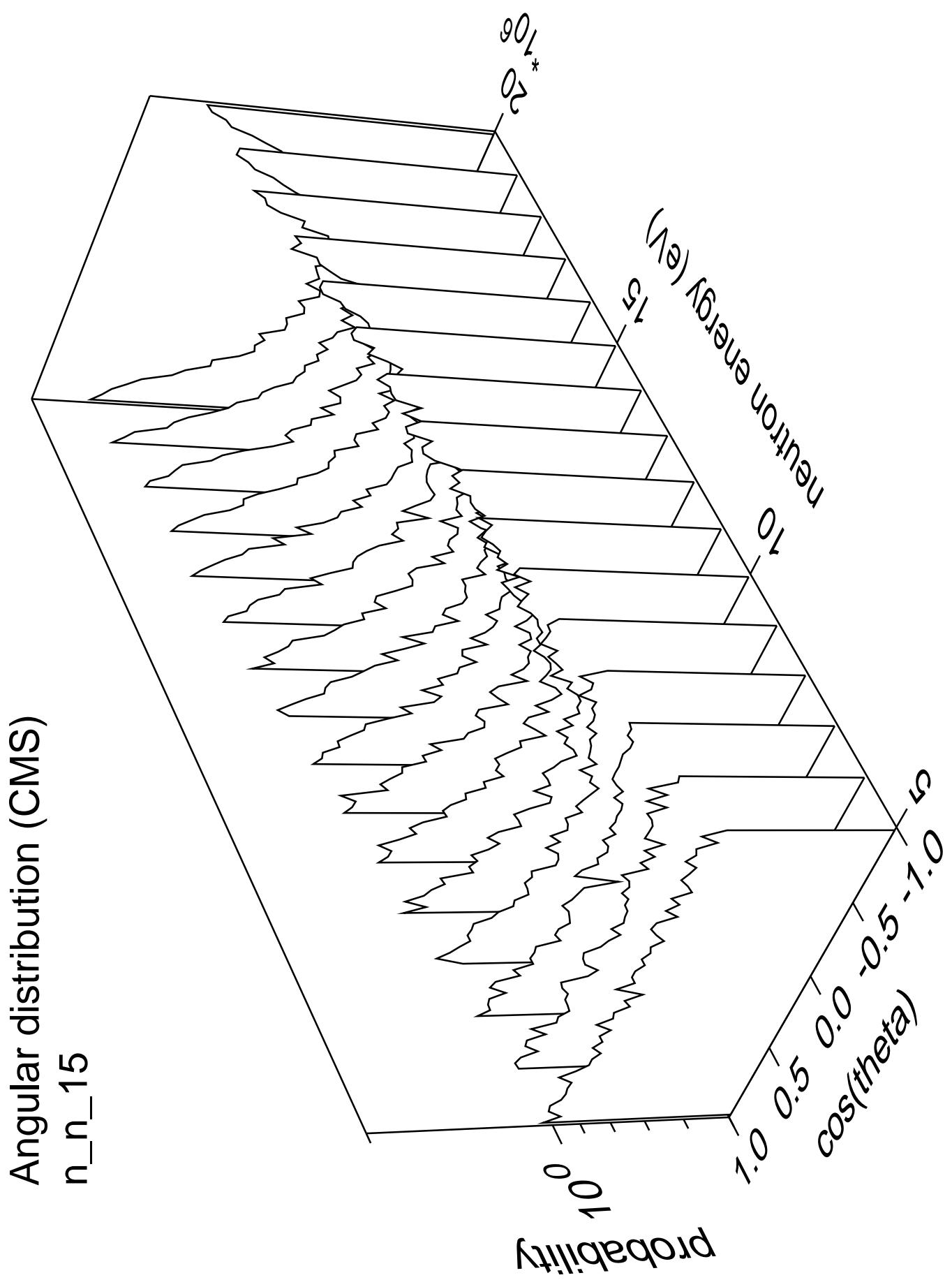


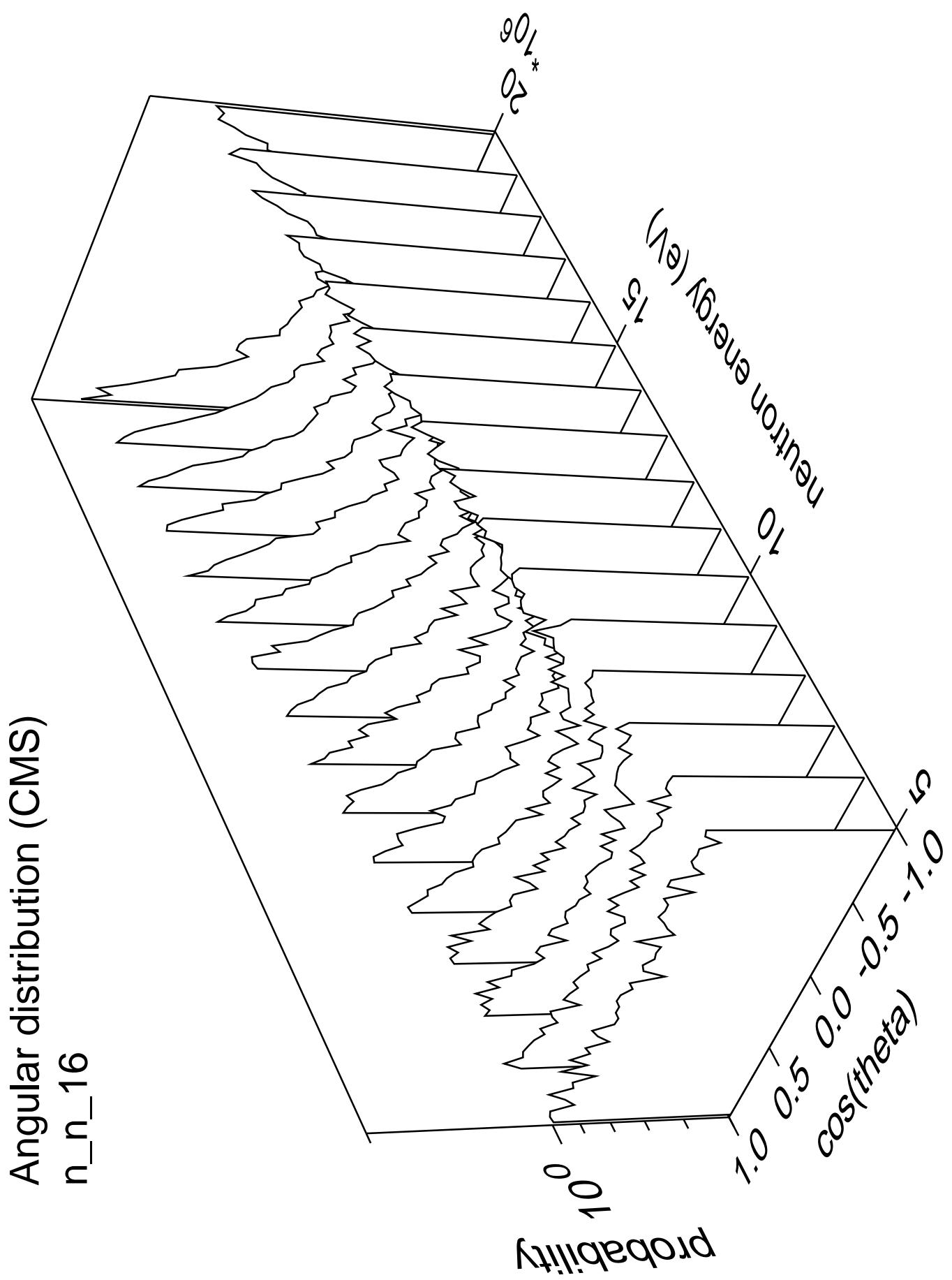


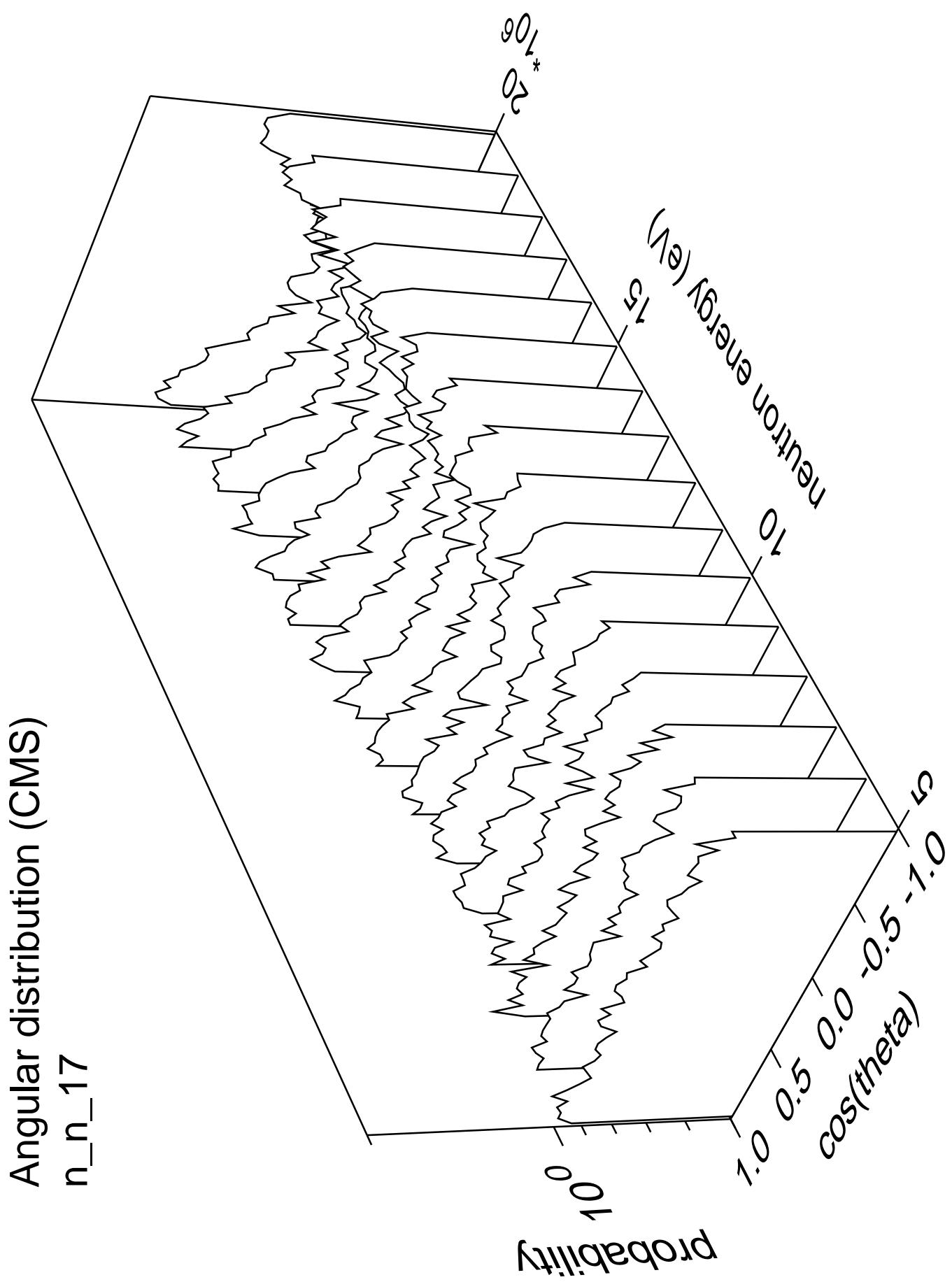


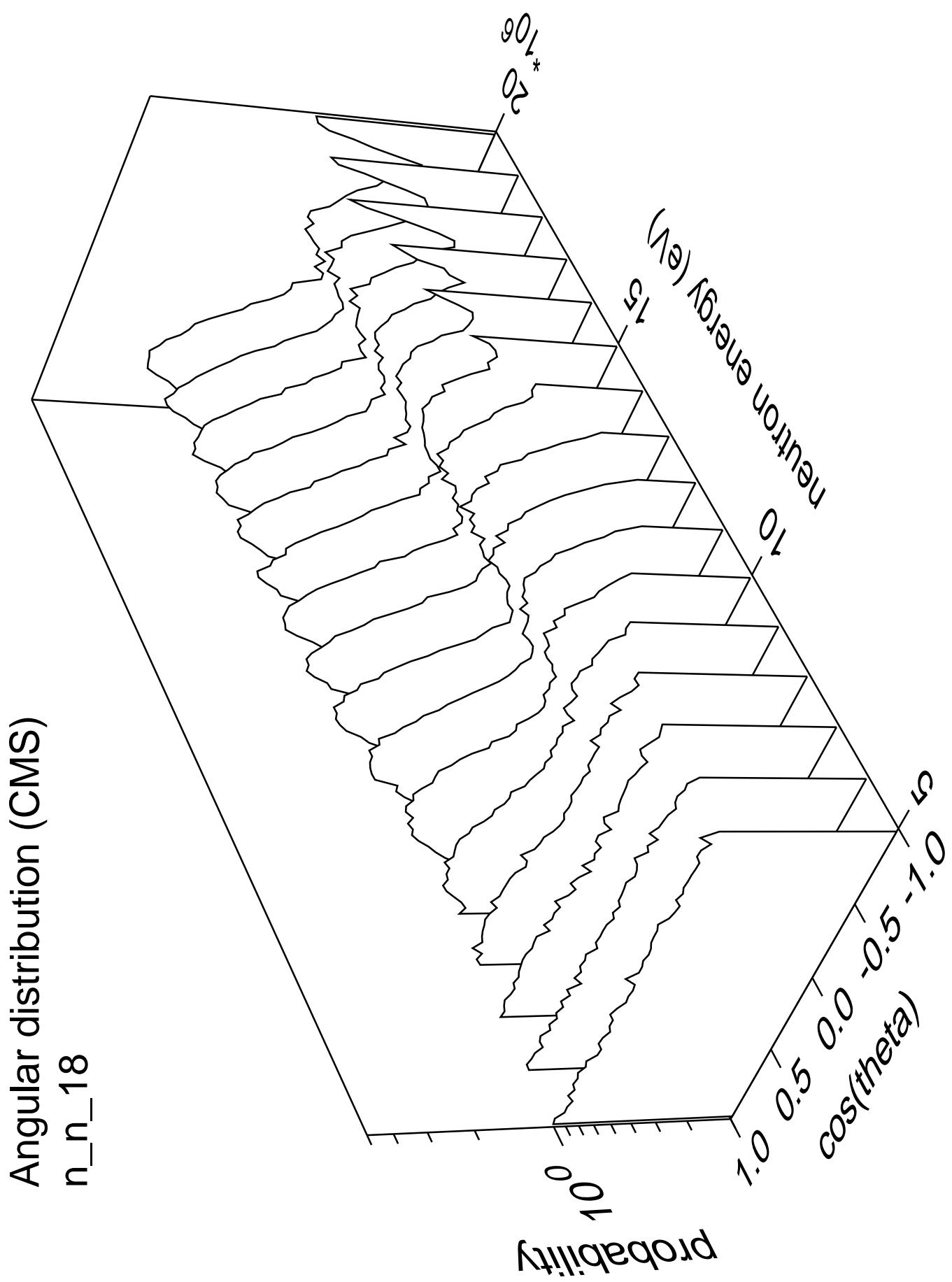


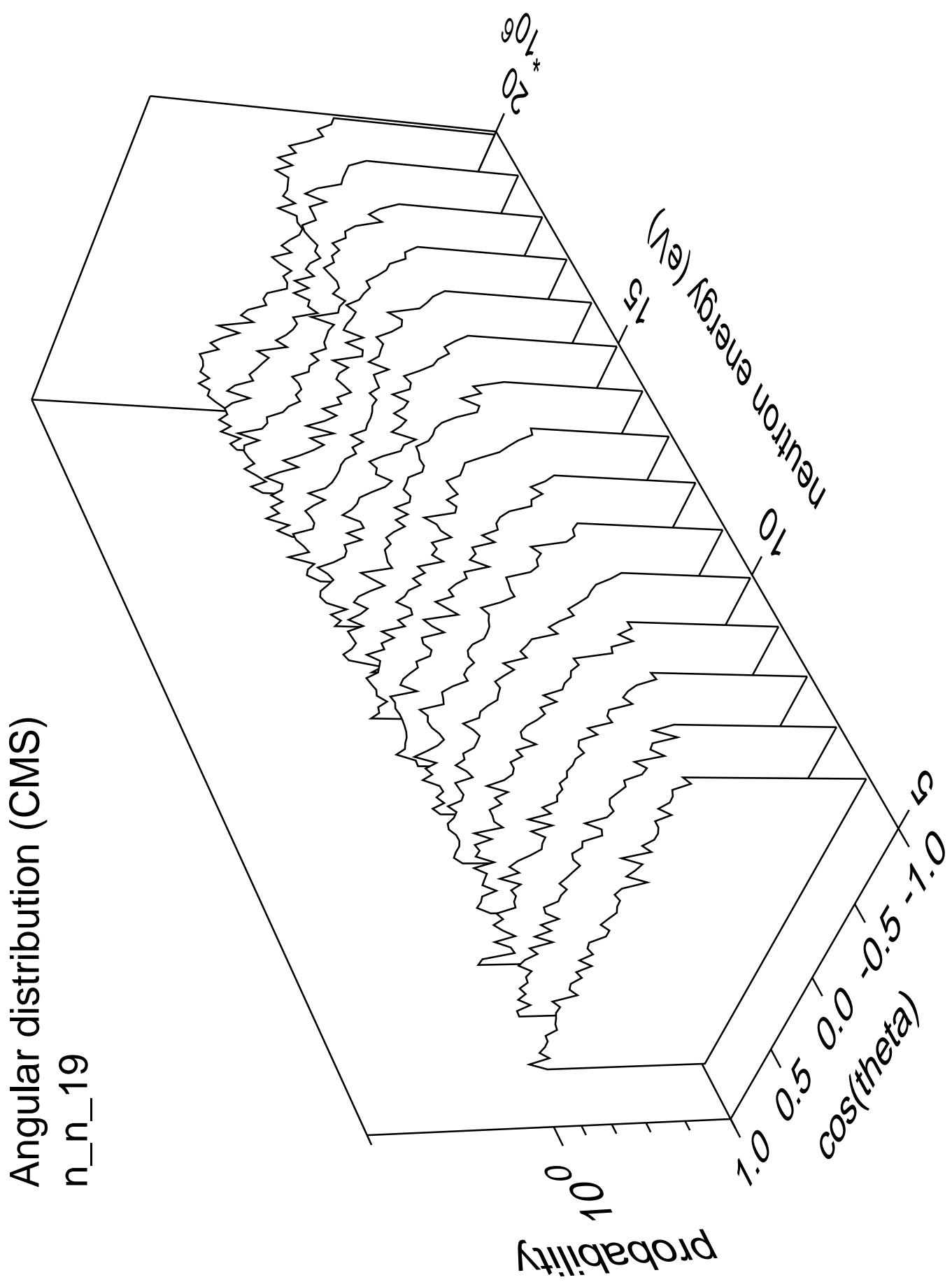


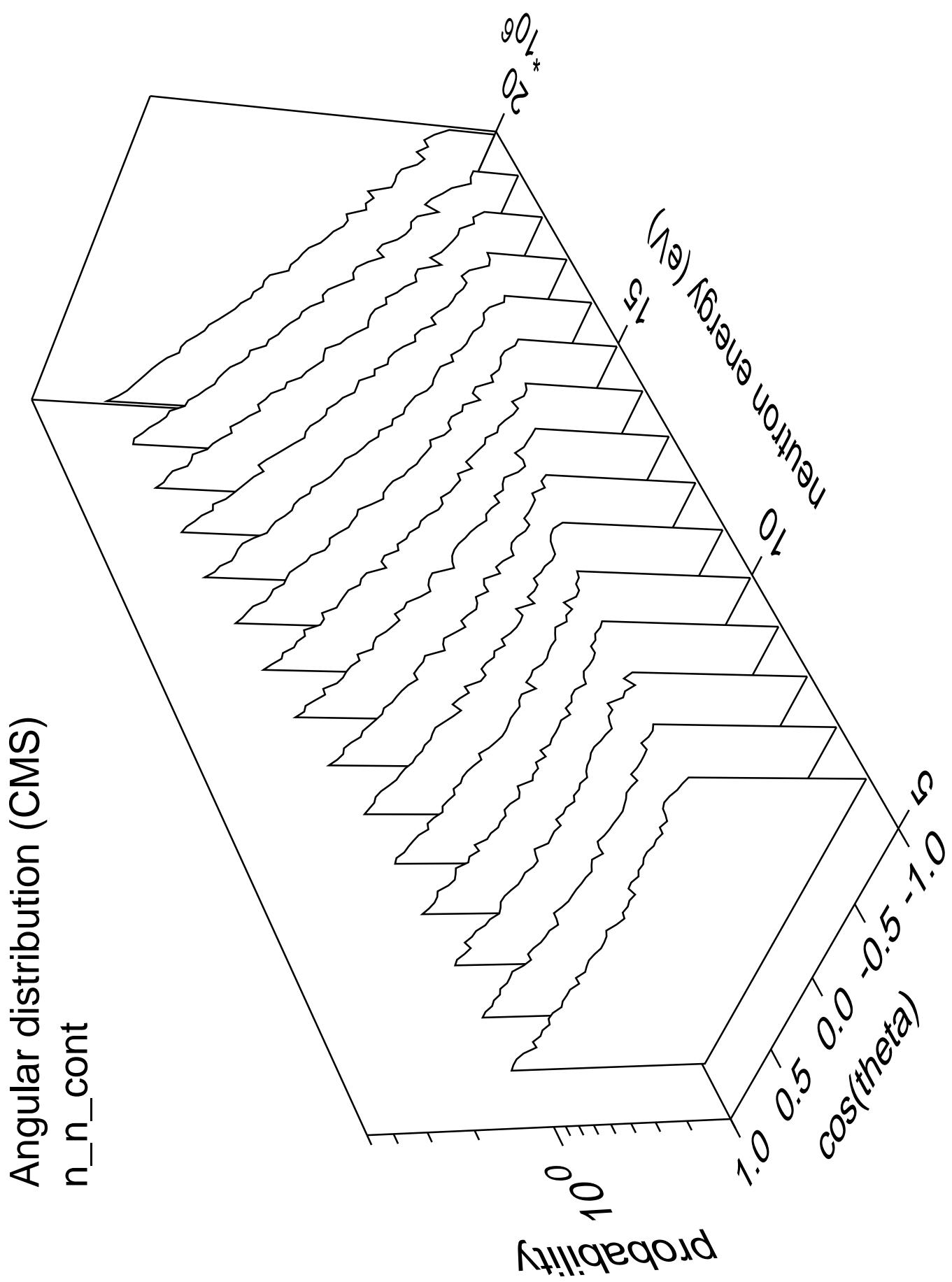




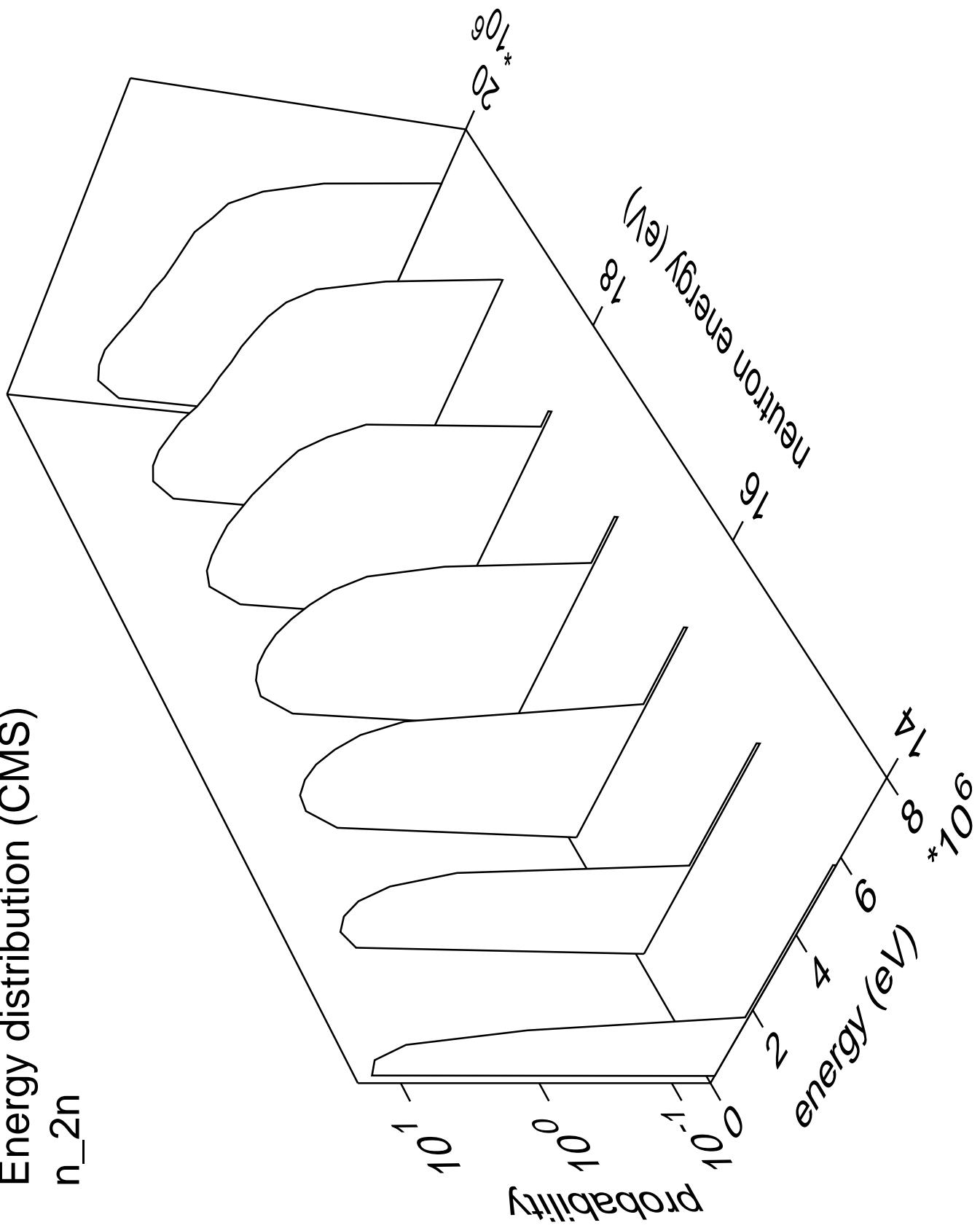


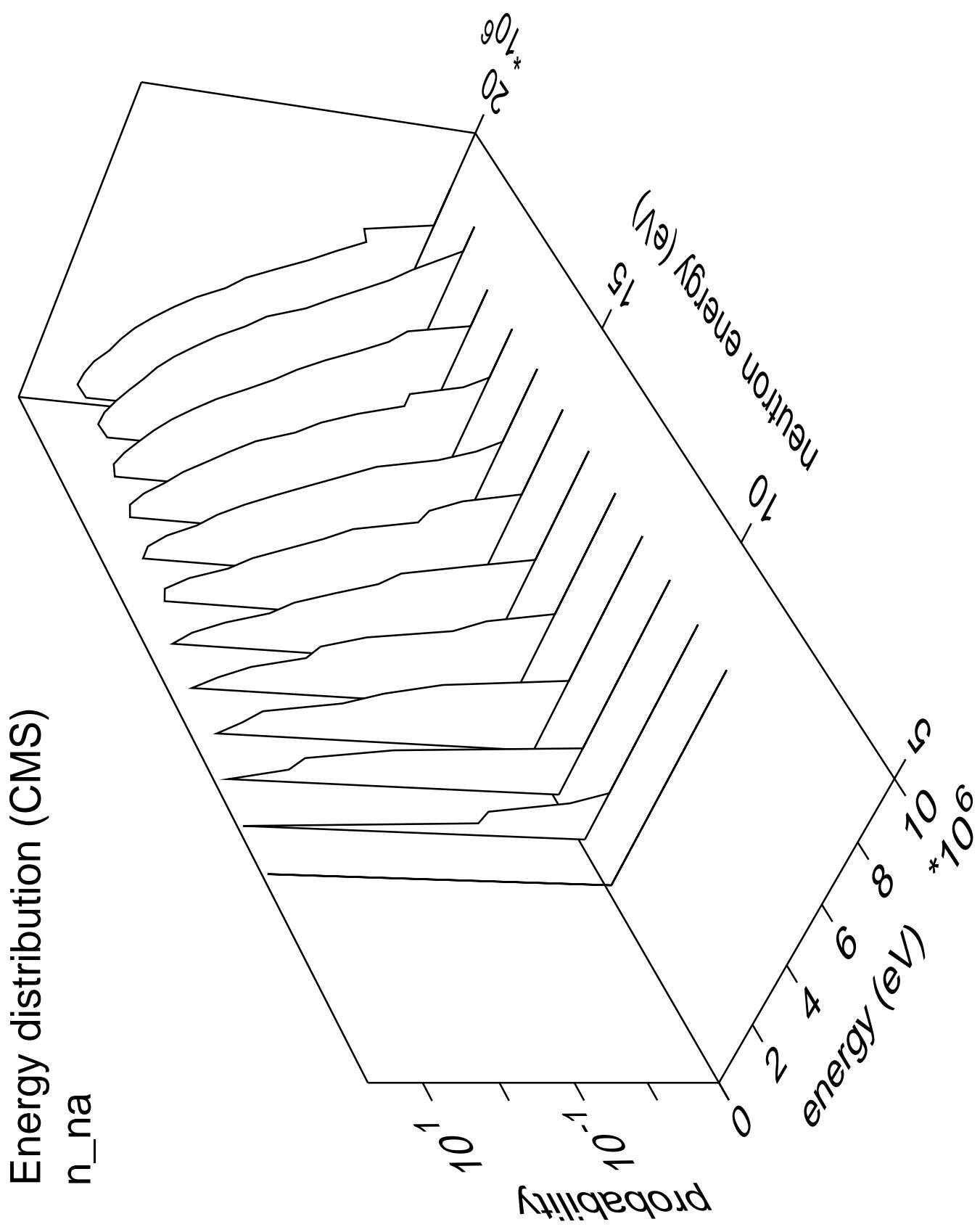


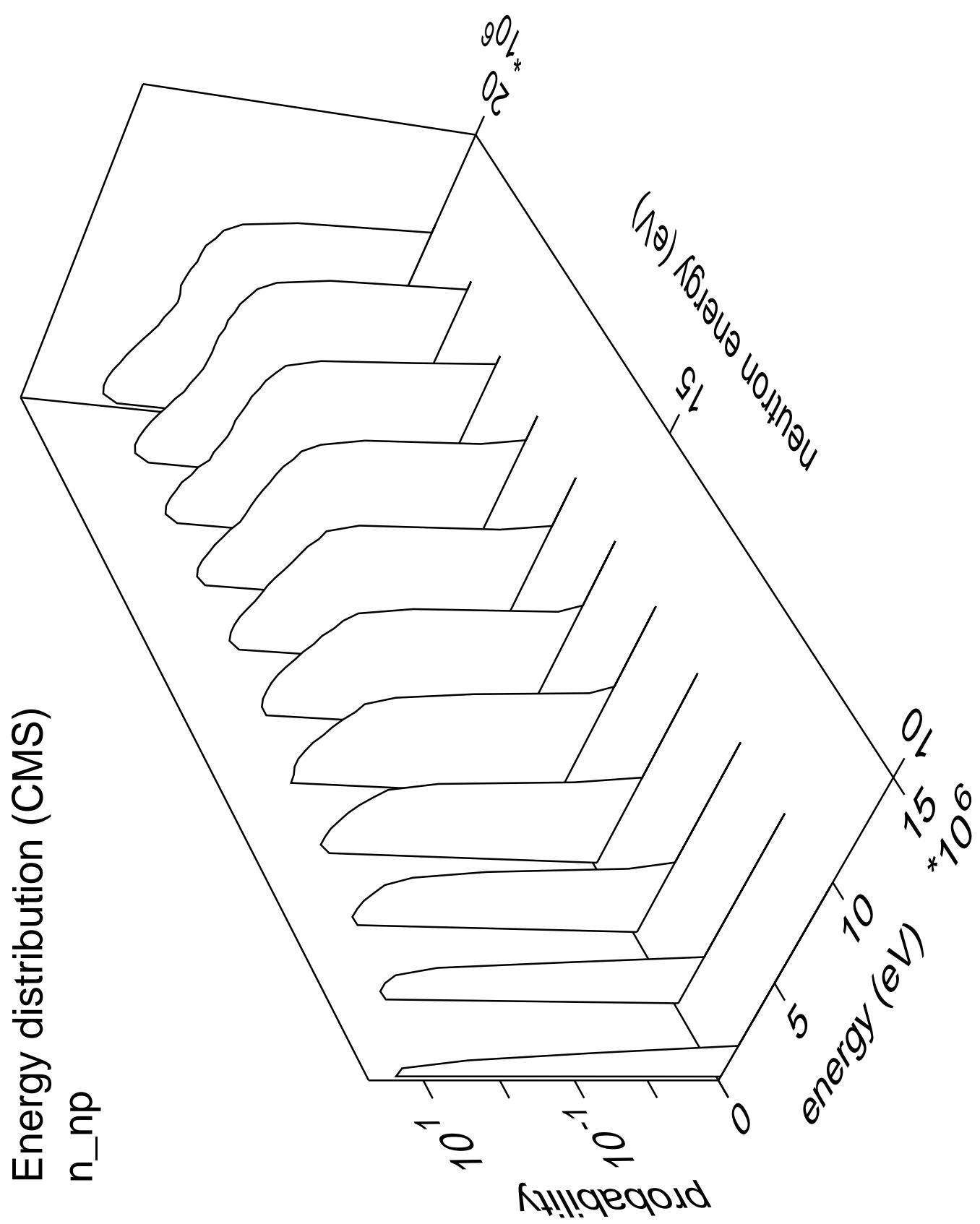


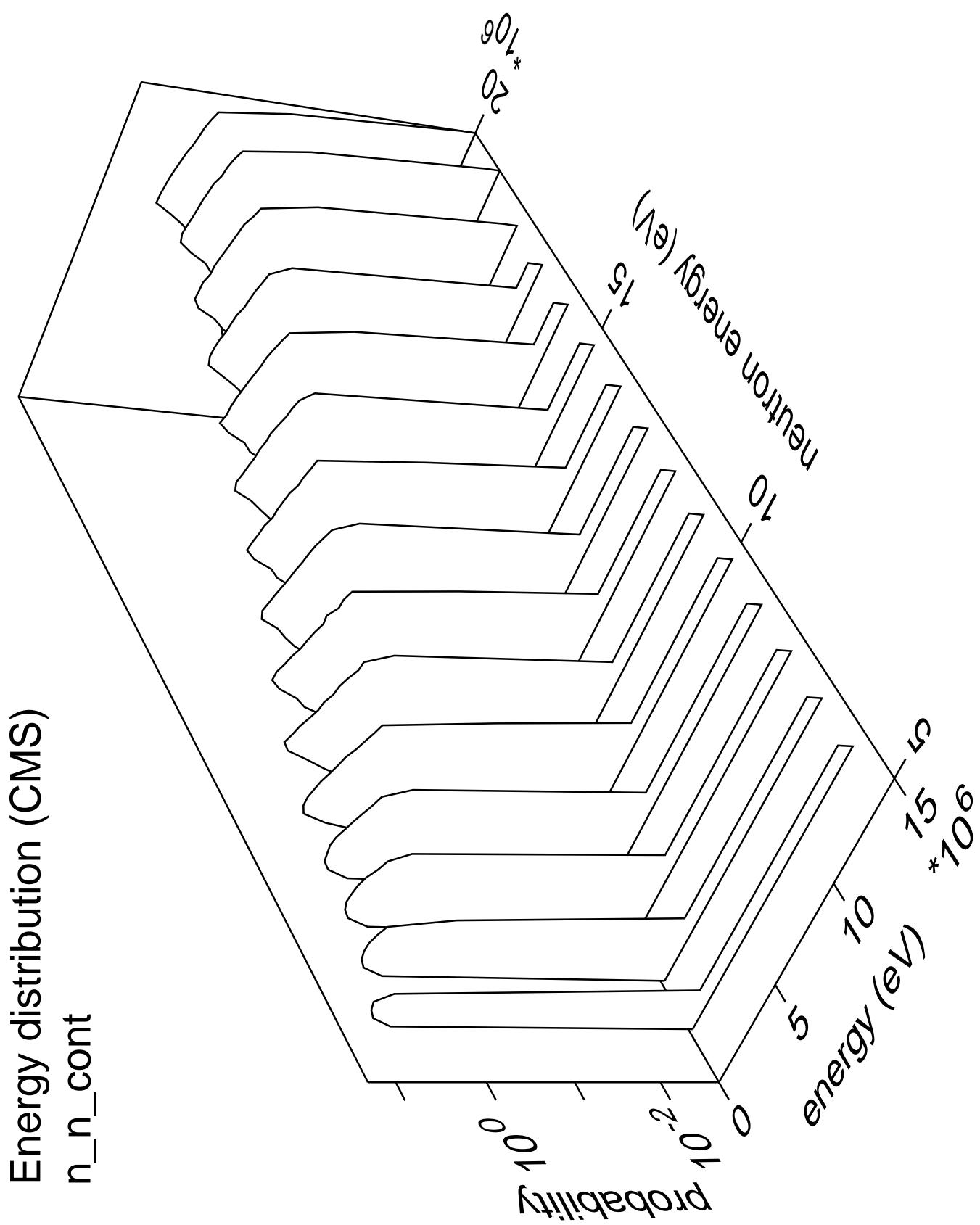


Energy distribution (CMS)  
 $n_{2n}$

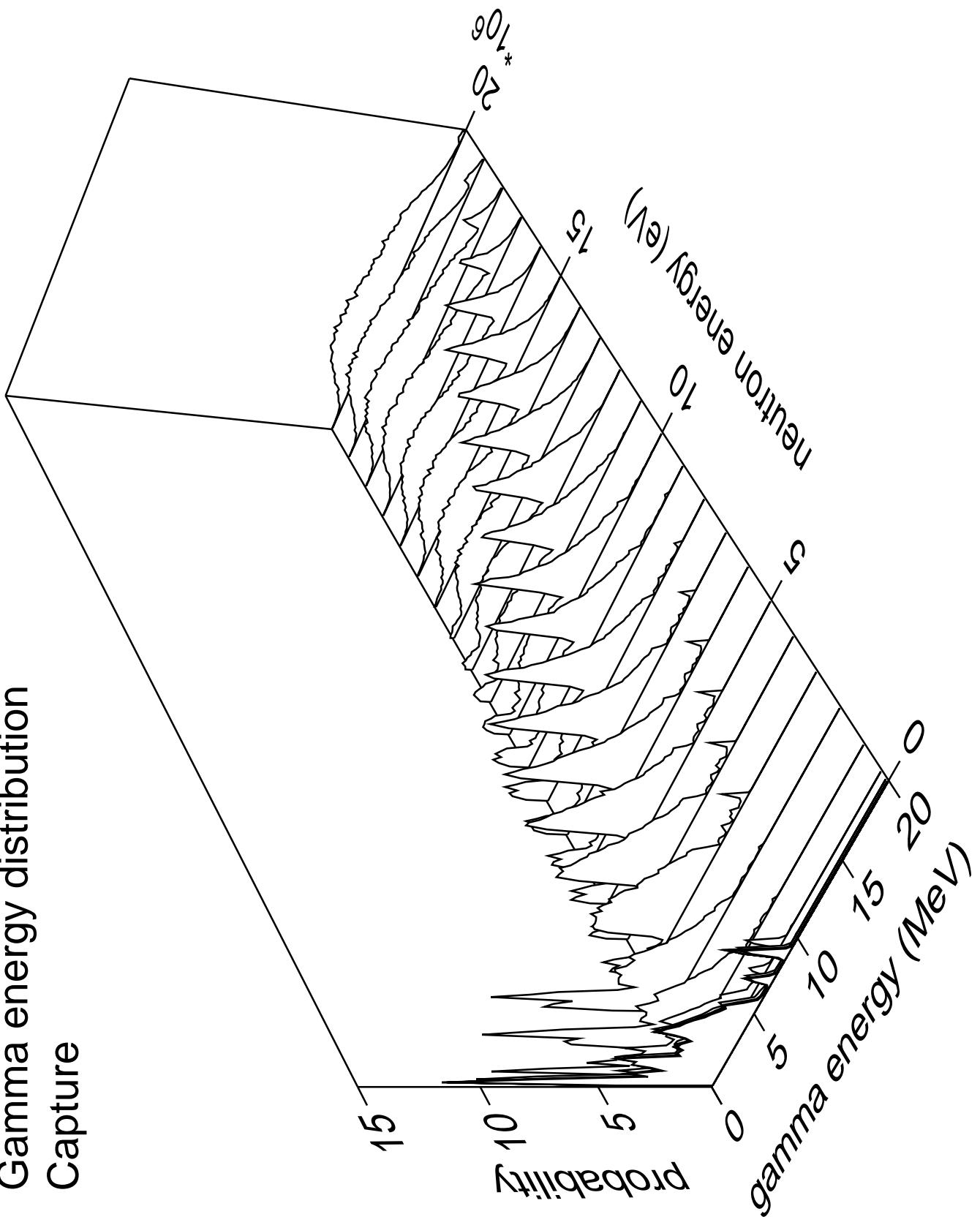




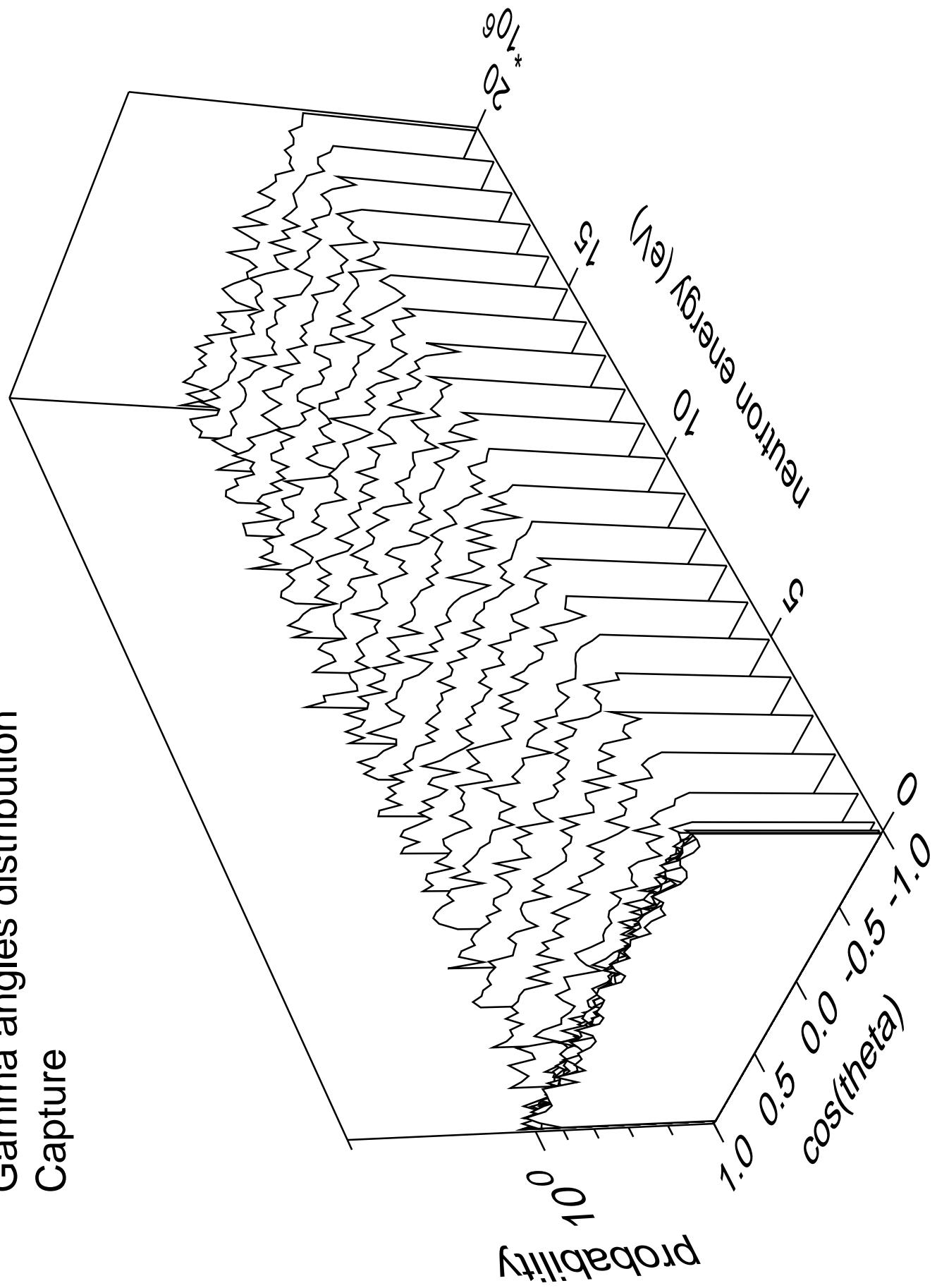




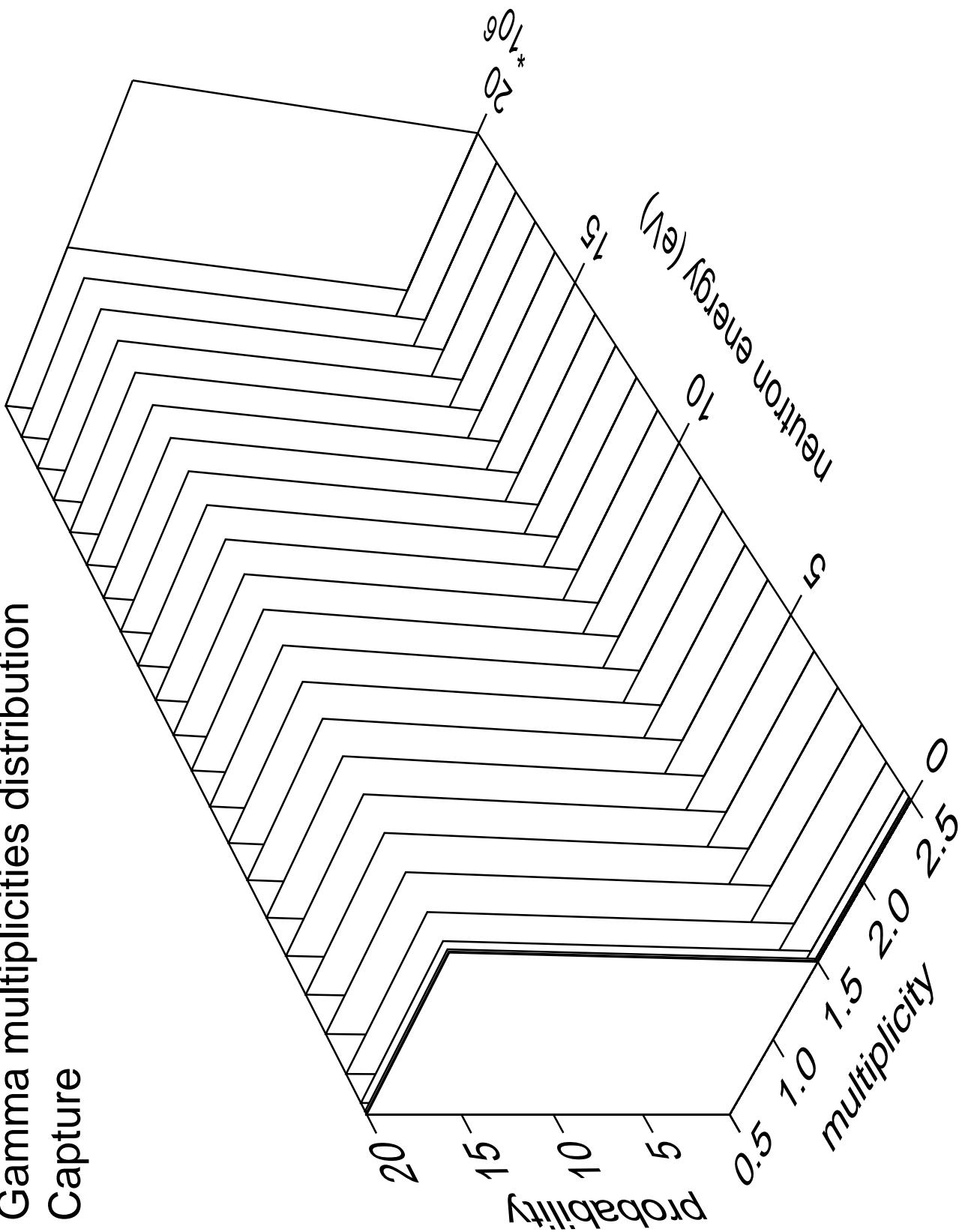
# Gamma energy distribution Capture



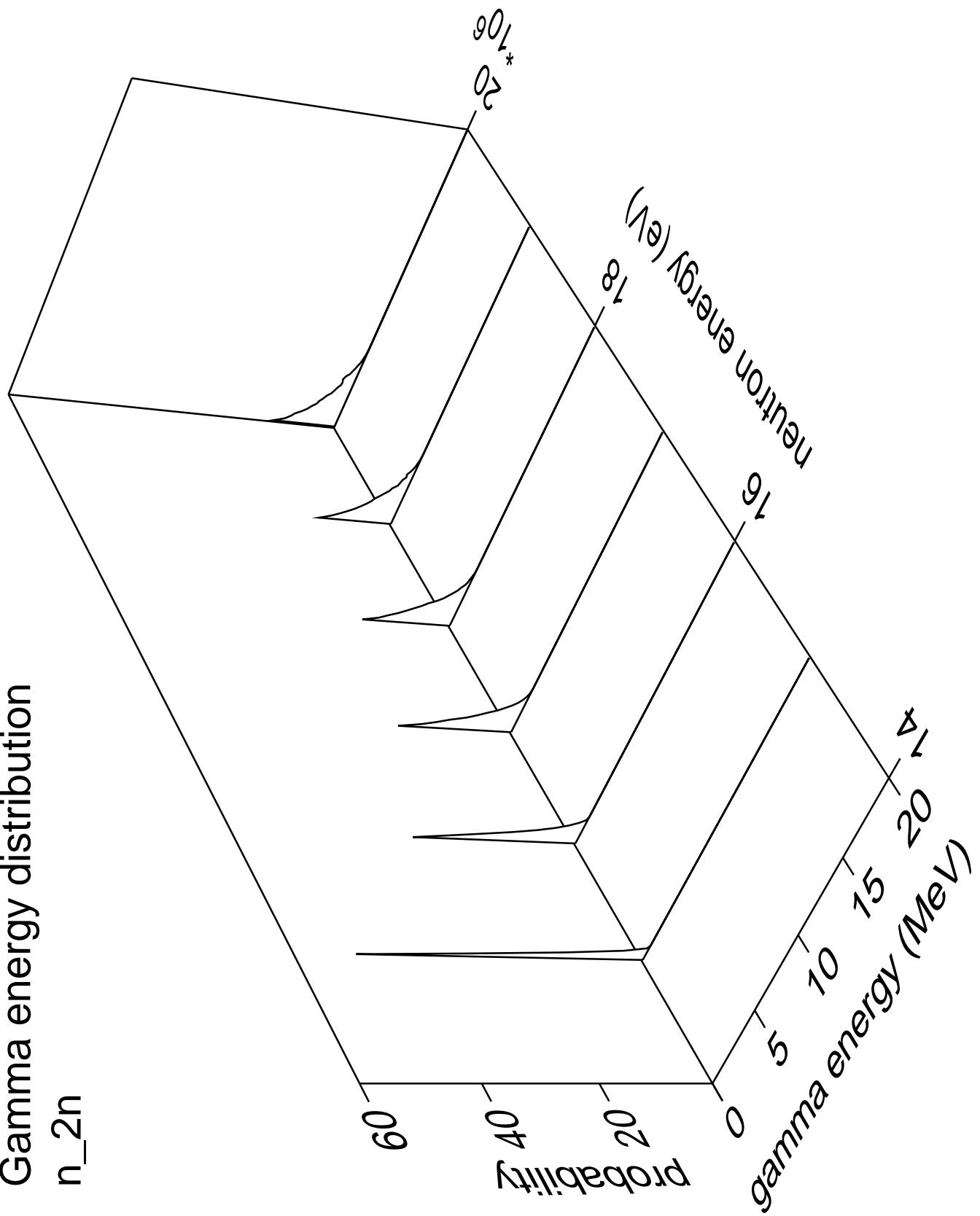
# Gamma angles distribution Capture



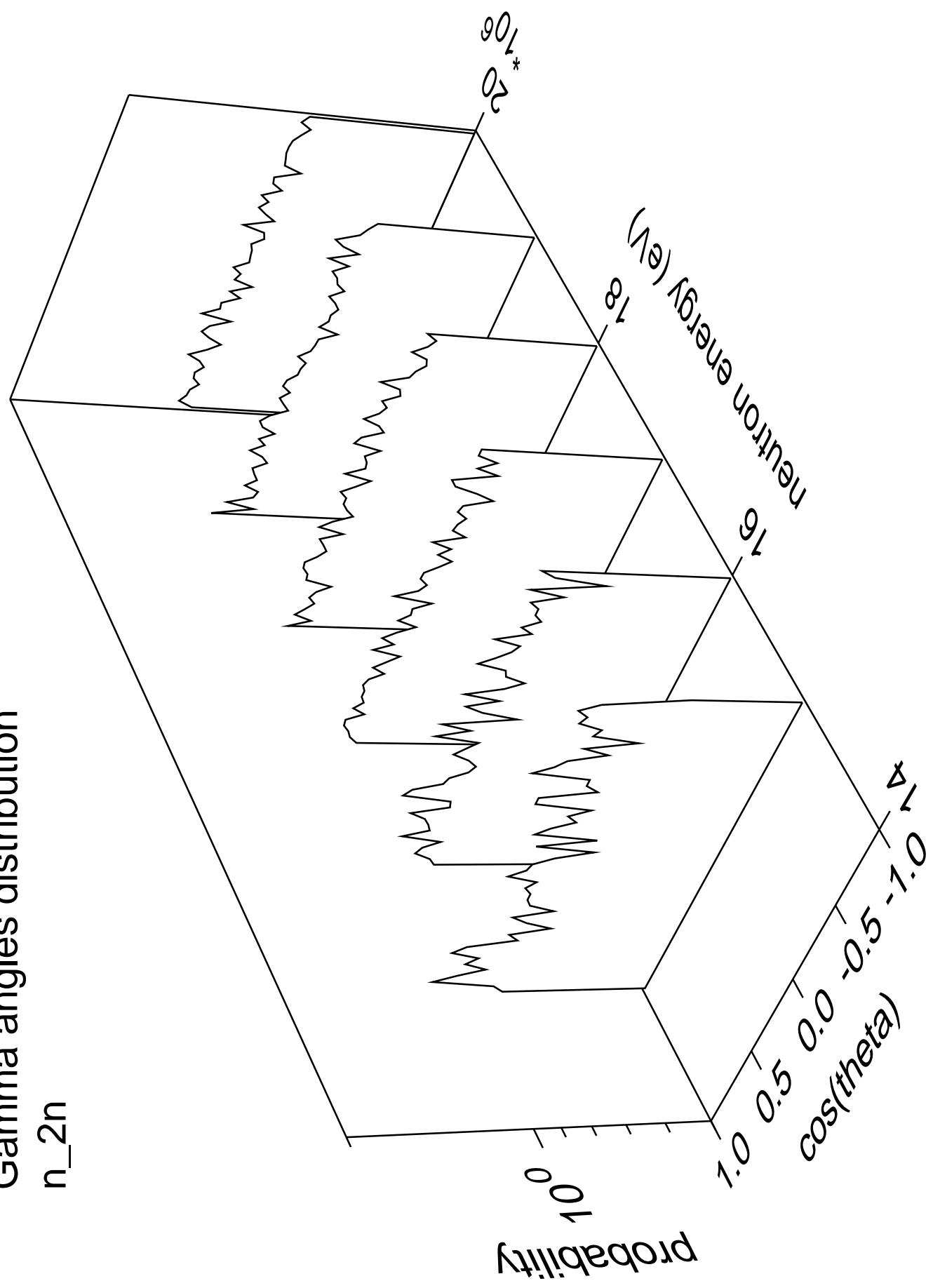
# Gamma multiplicities distribution Capture

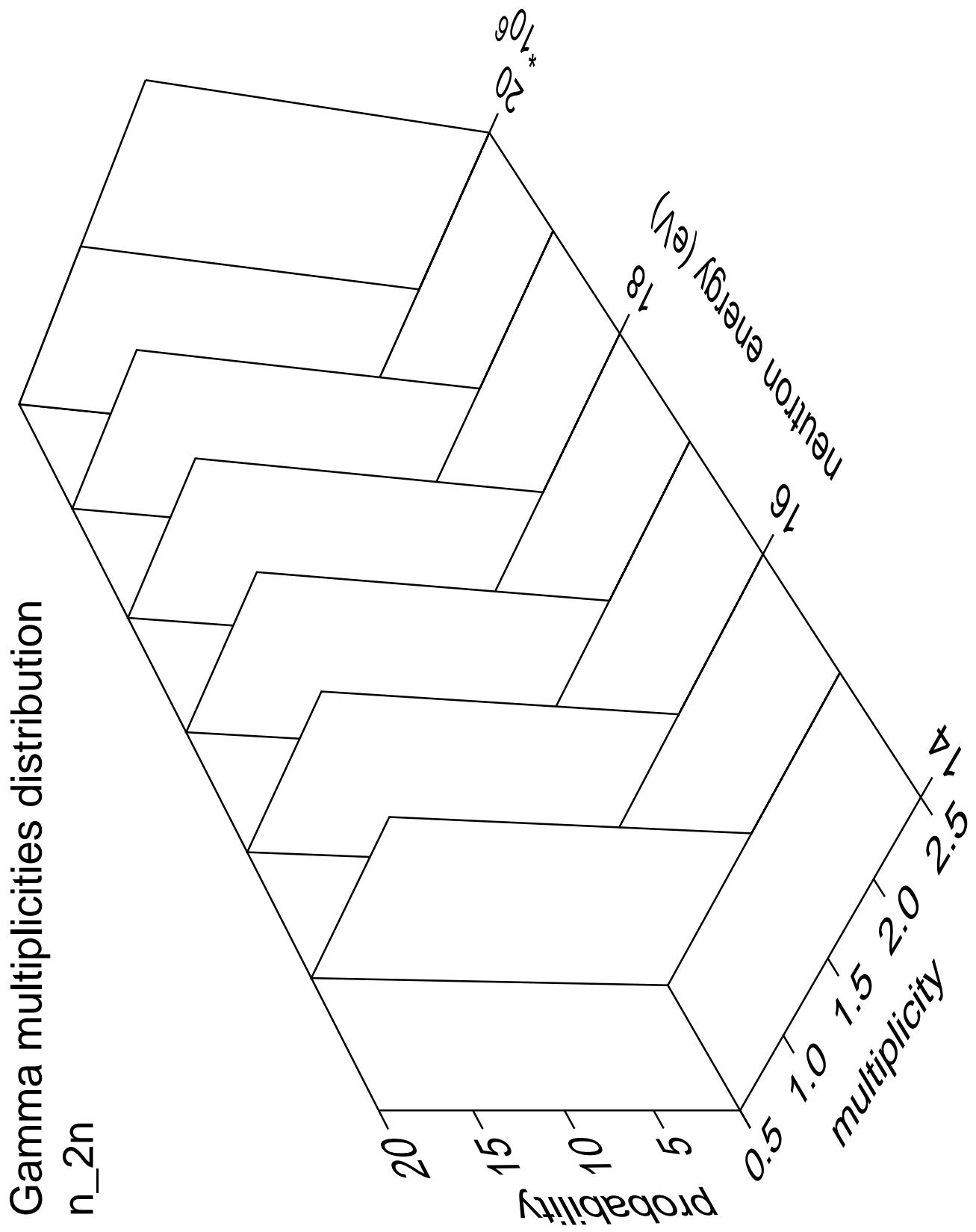


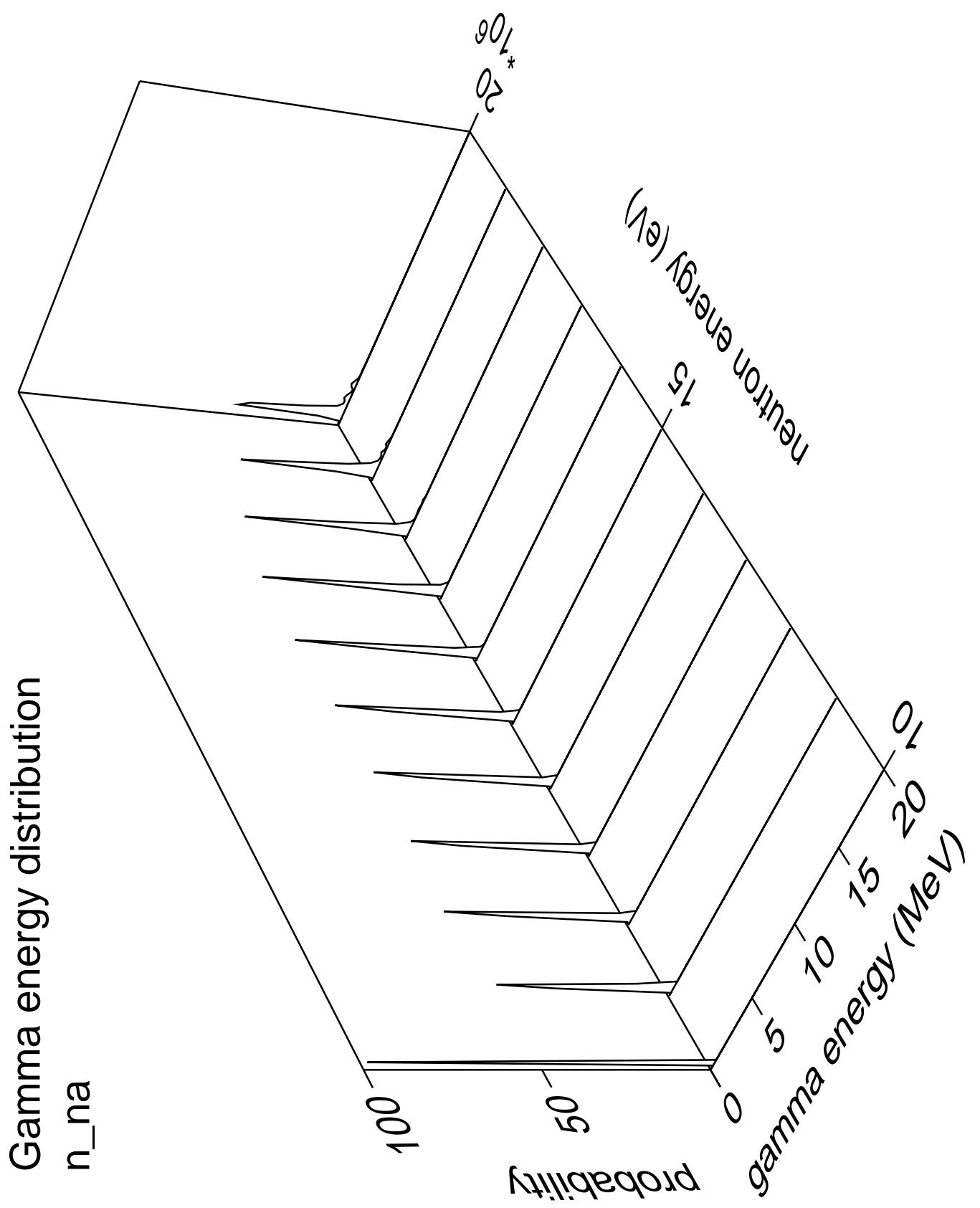
# Gamma energy distribution n\_2n



Gamma angles distribution  
n\_2n

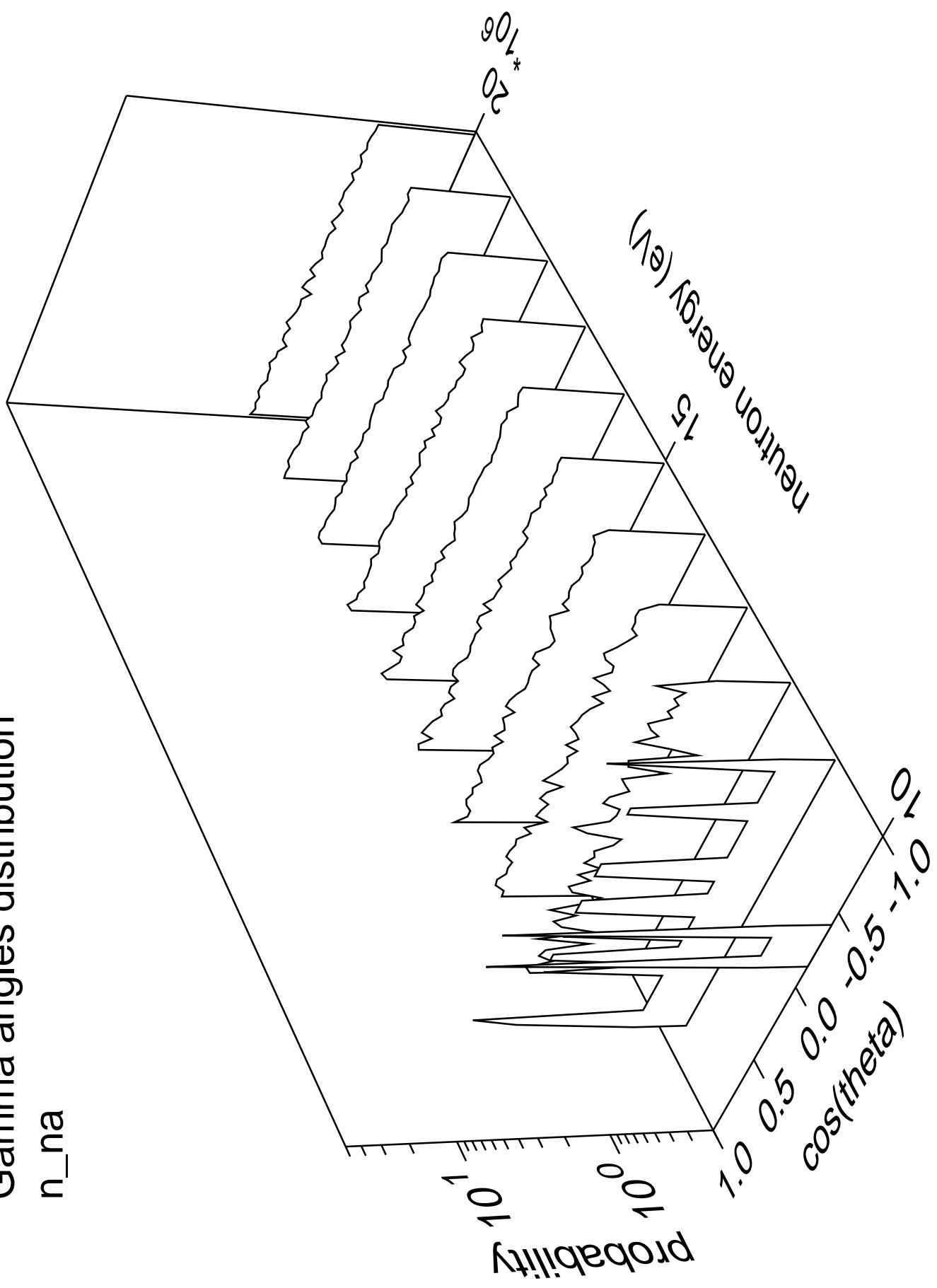


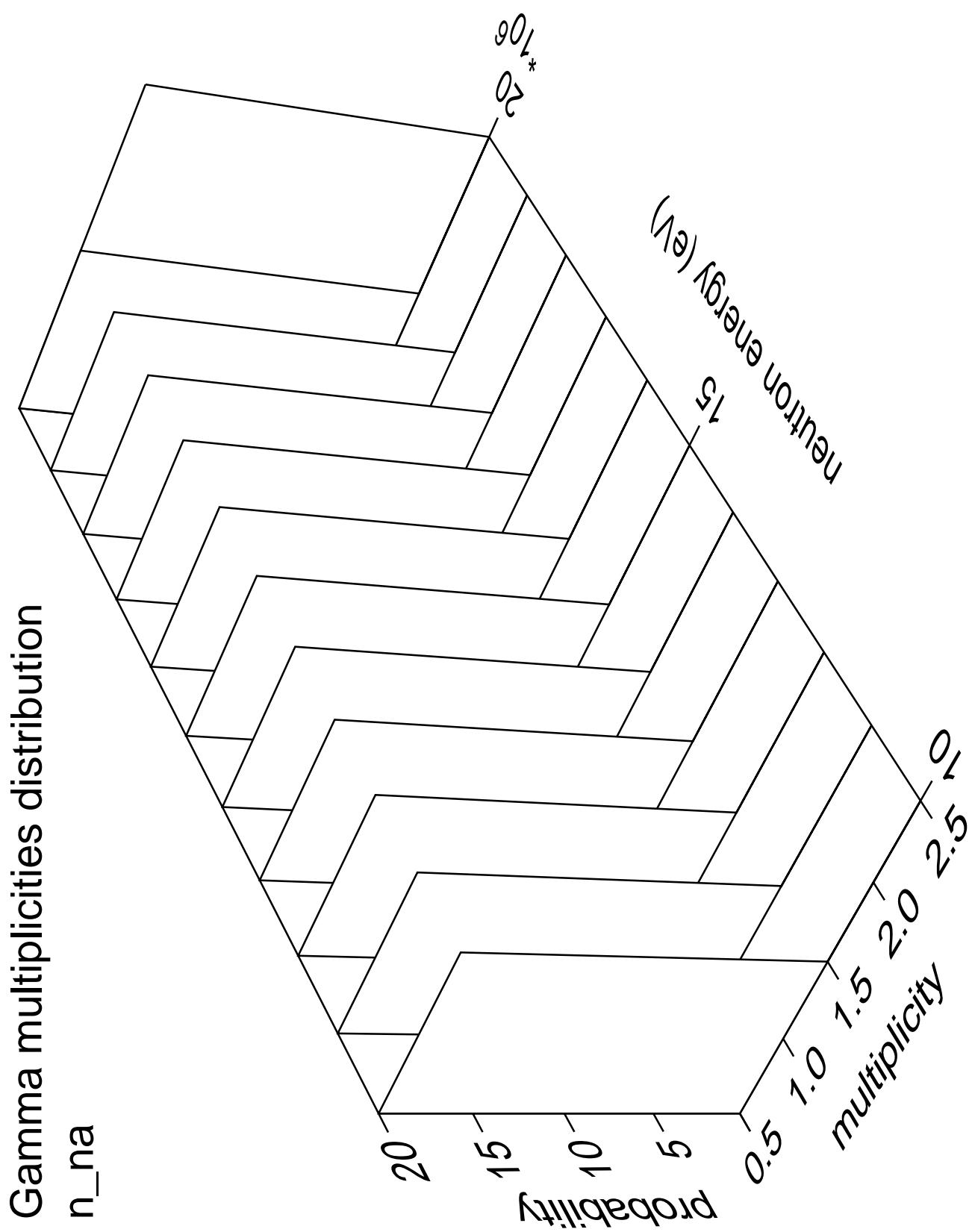




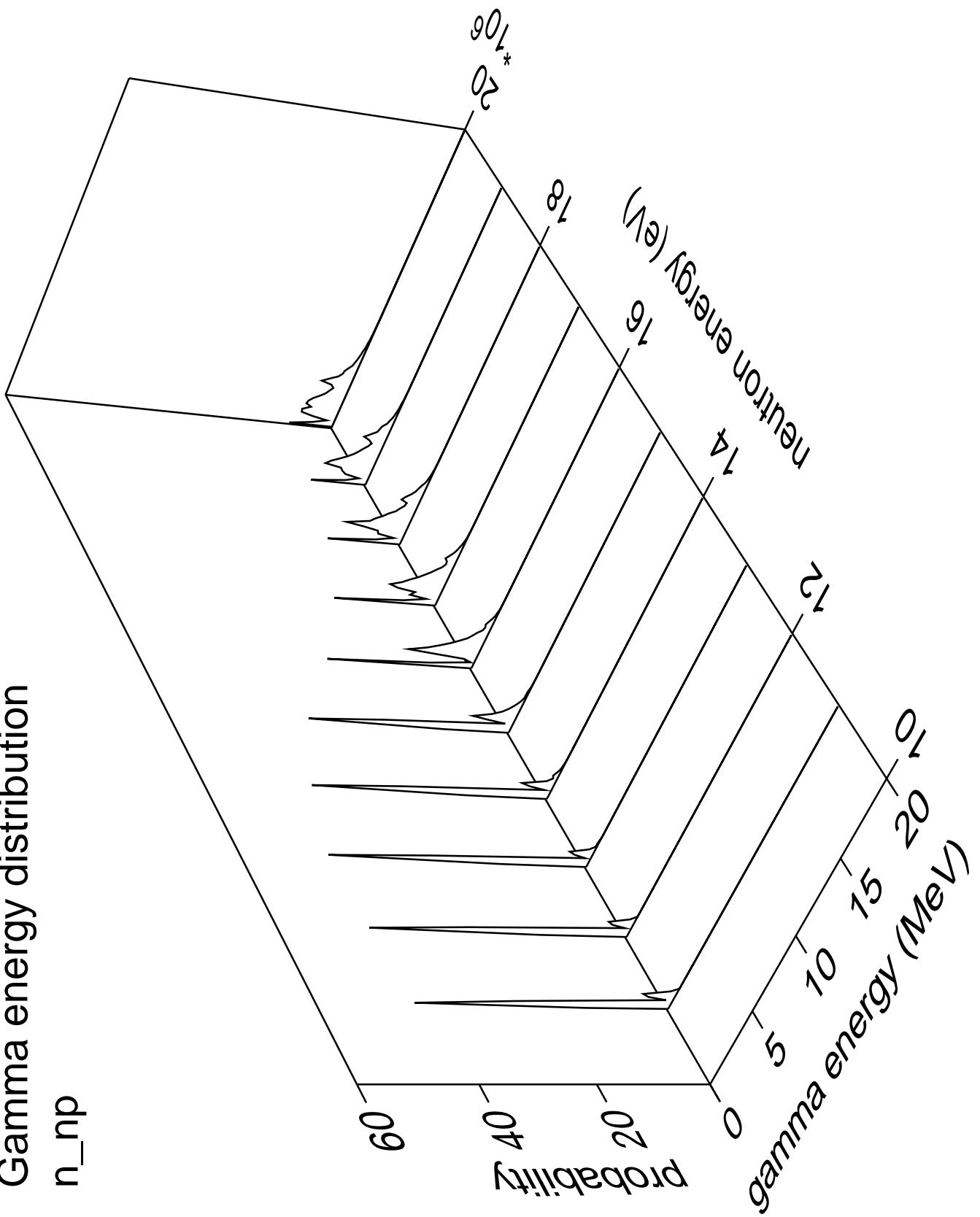
Gamma angles distribution

$n_{na}$





Gamma energy distribution  
 $n_{np}$



Gamma angles distribution

$n_{np}$

Probability

$10^0$

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

neutron energy (eV)

16

18

20

106

106

20

18

16

14

12

10

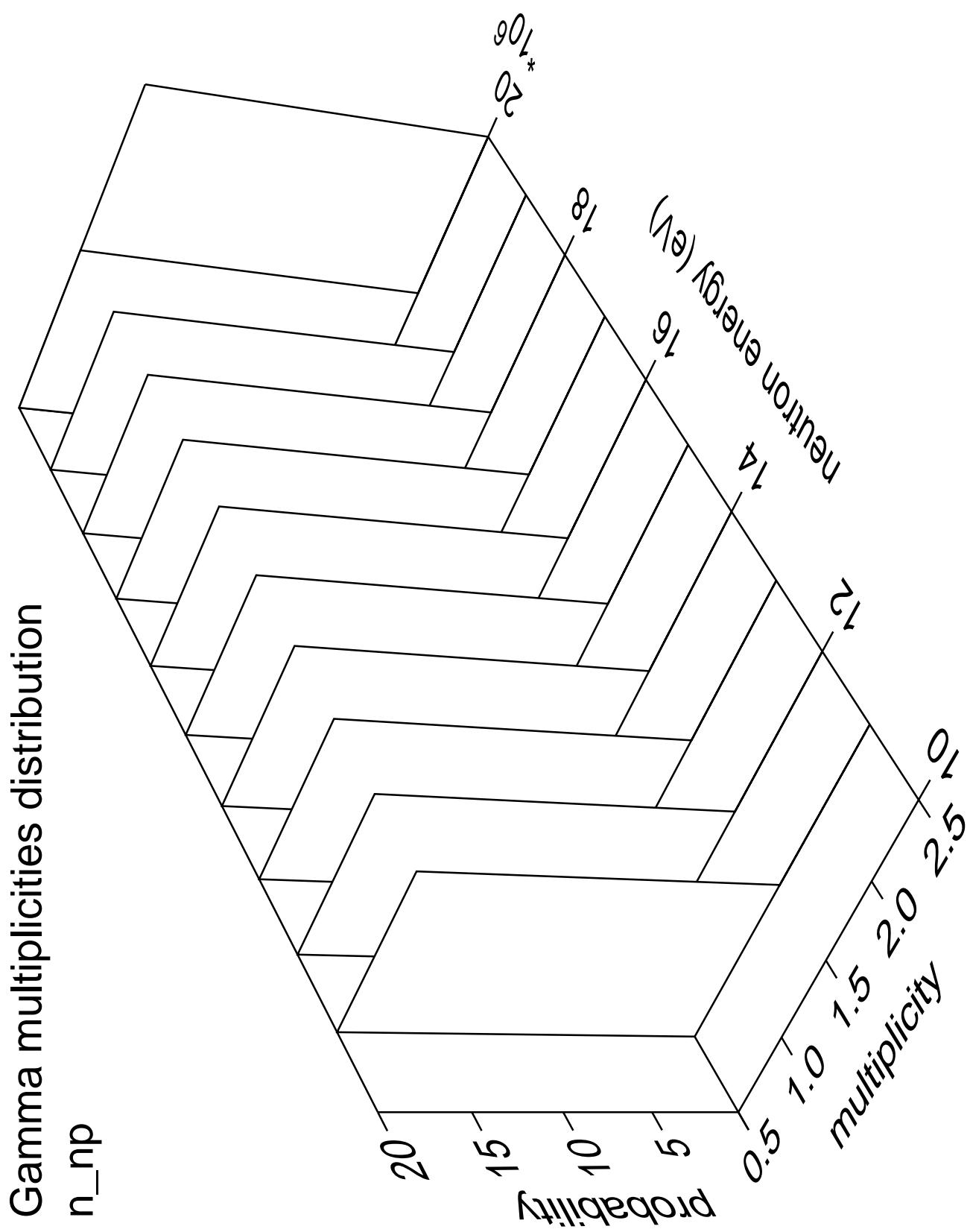
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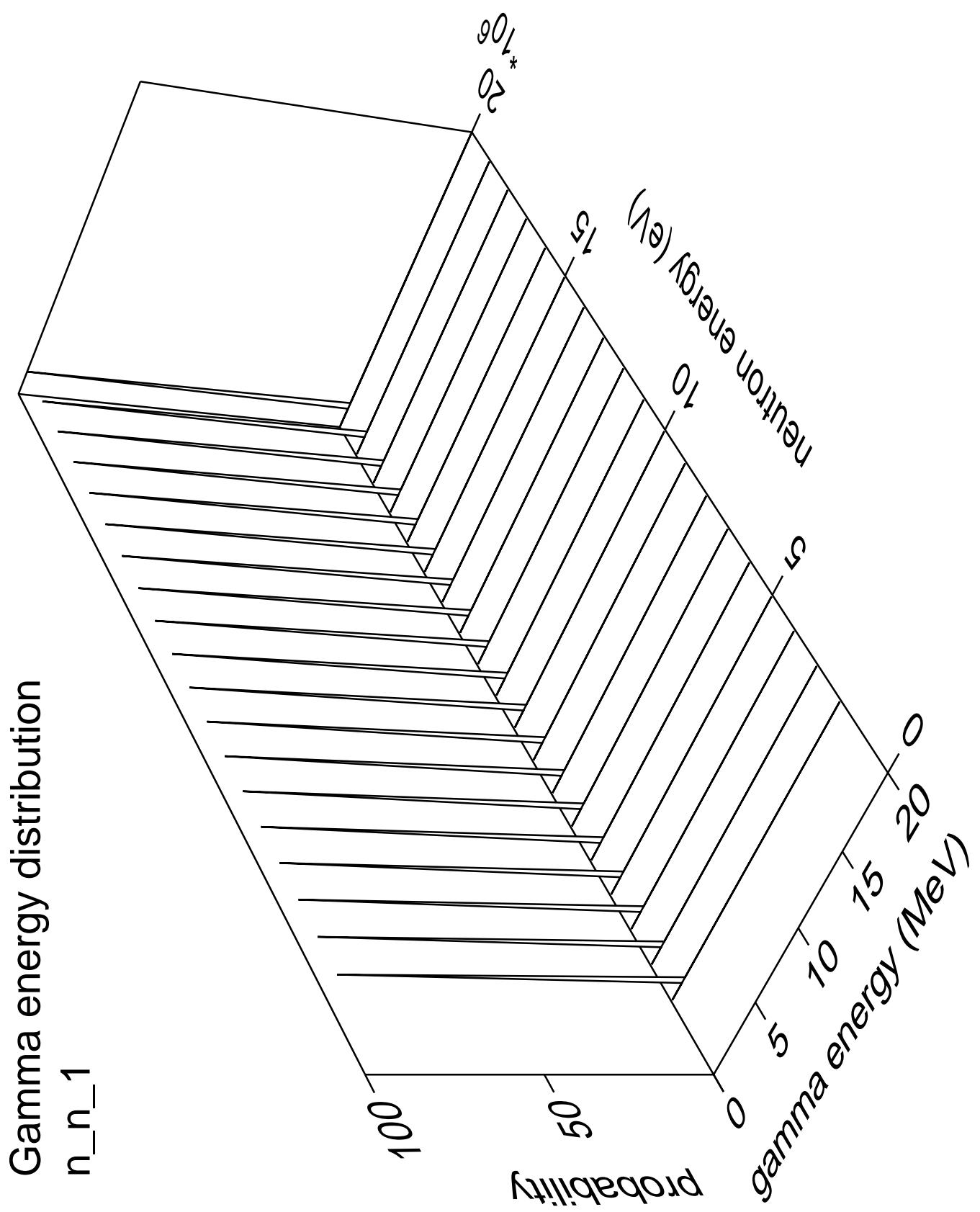
6

4

2

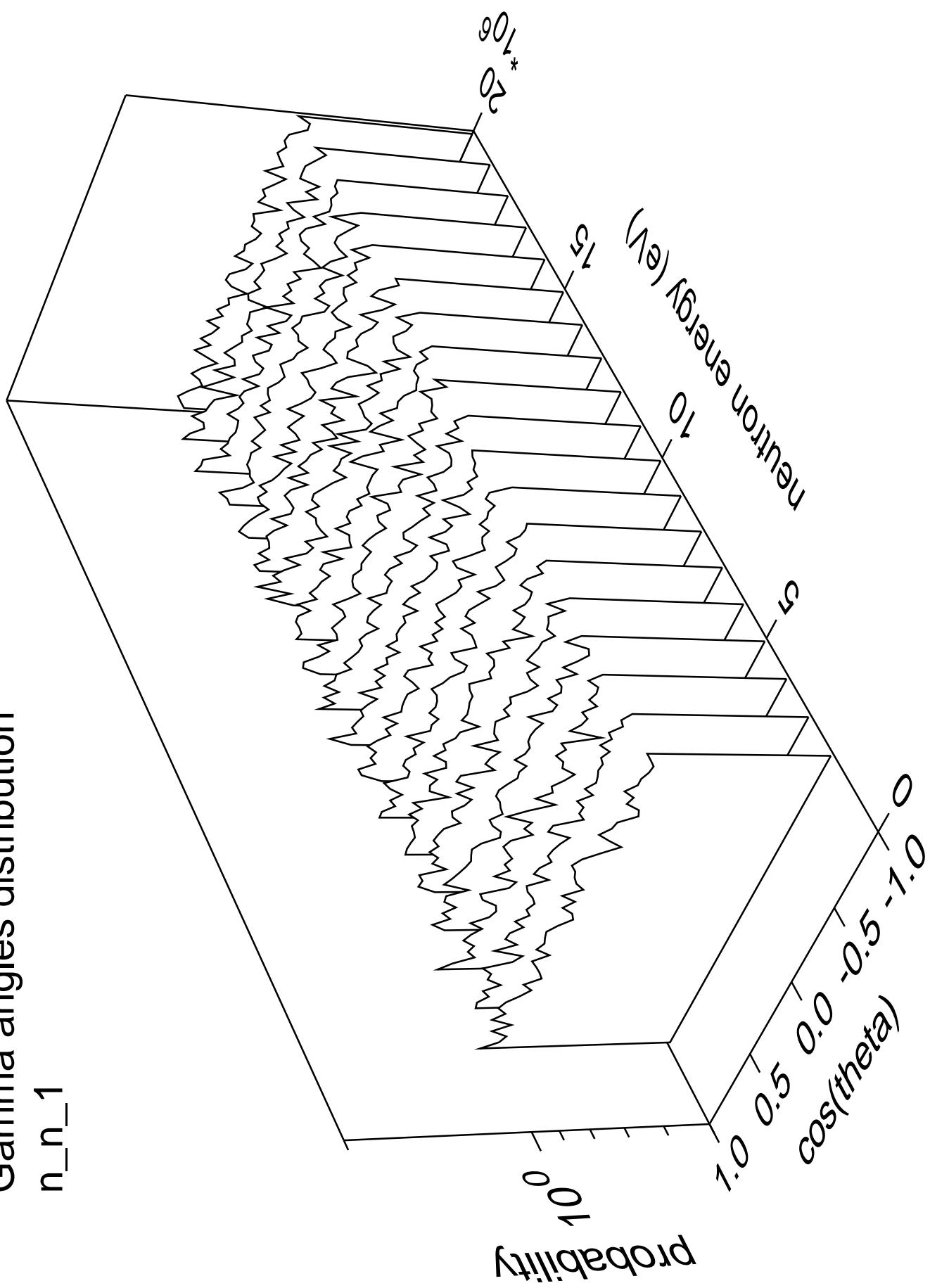
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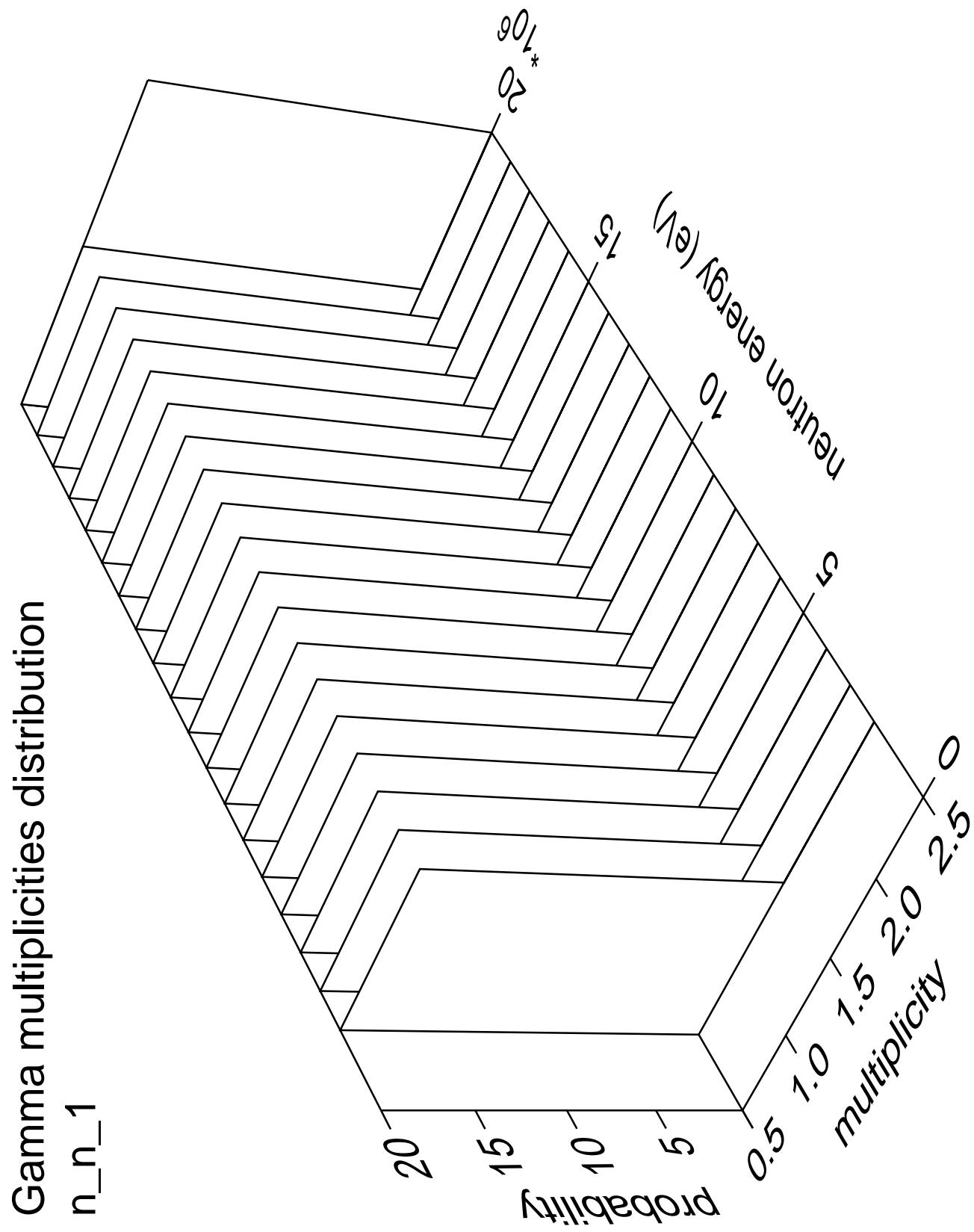




Gamma angles distribution

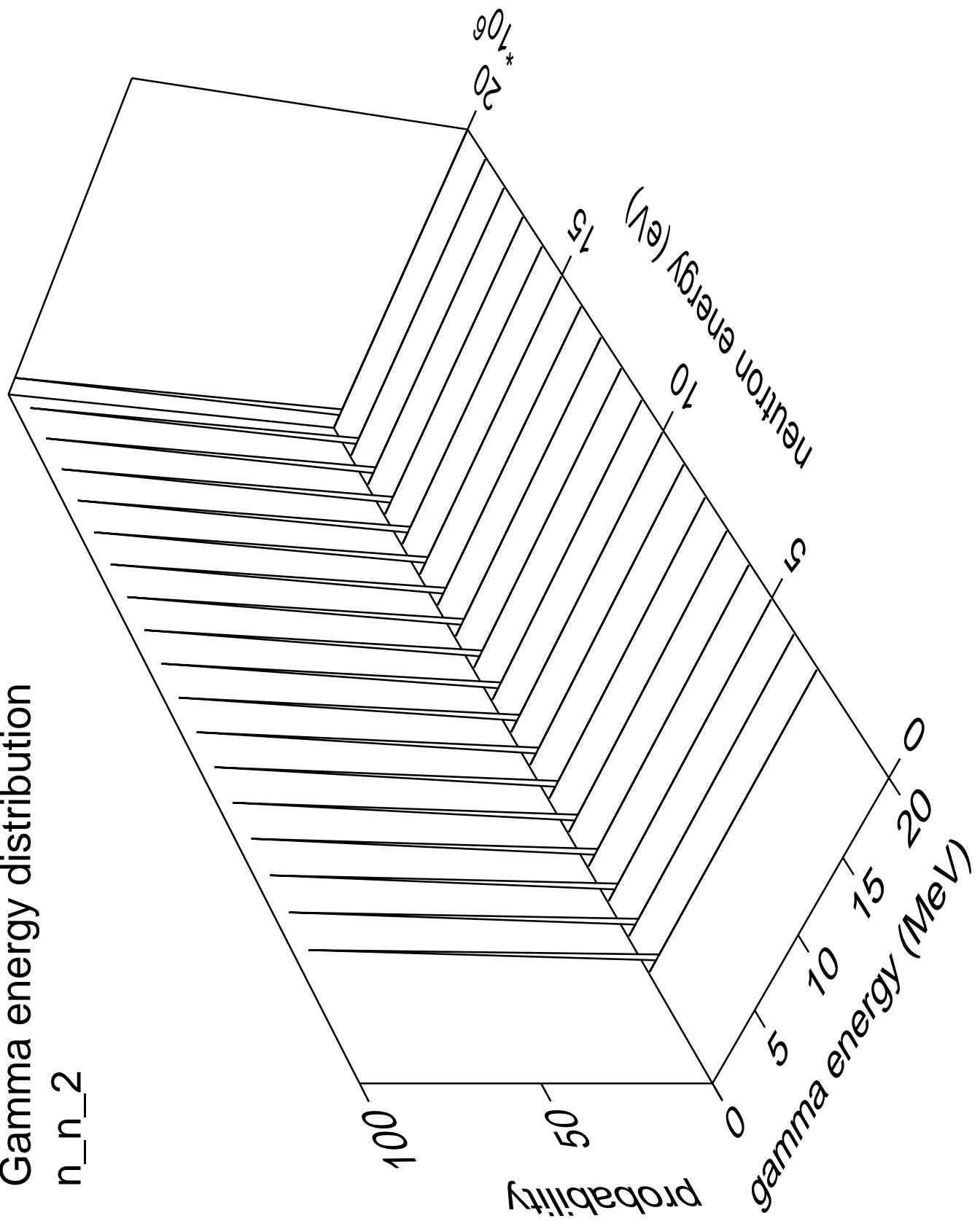
$n_{n_1}$





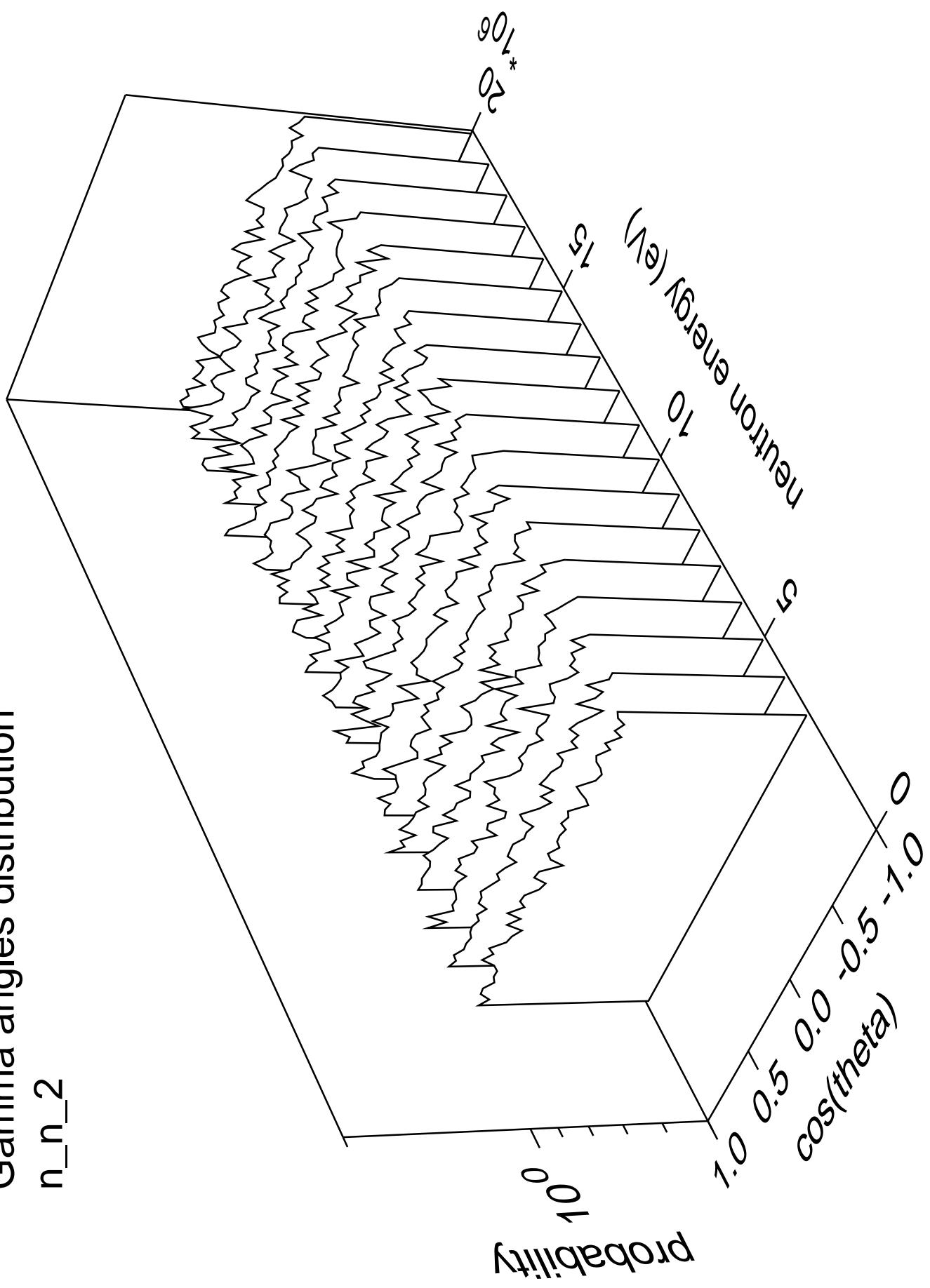
Gamma energy distribution

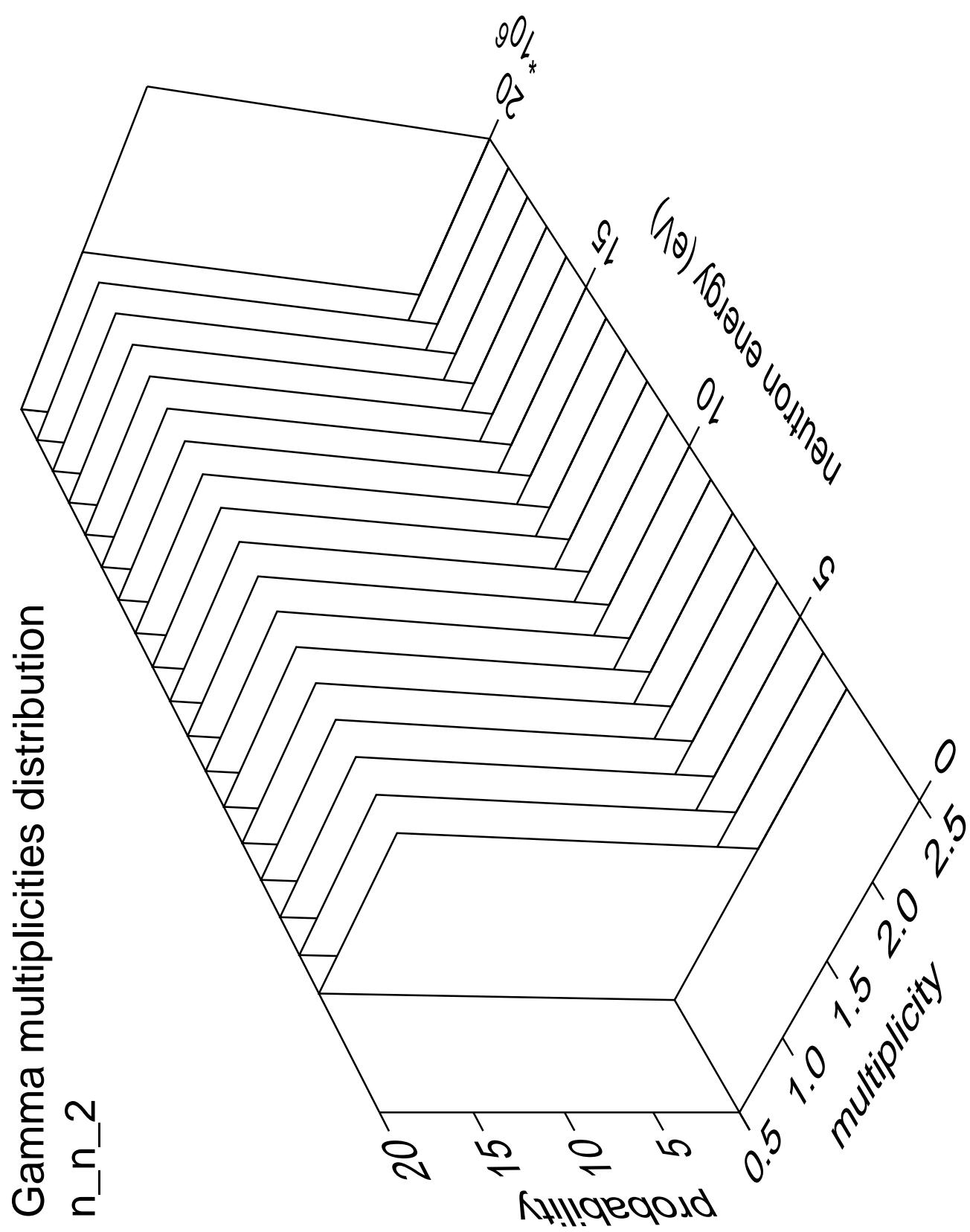
n\_n\_2



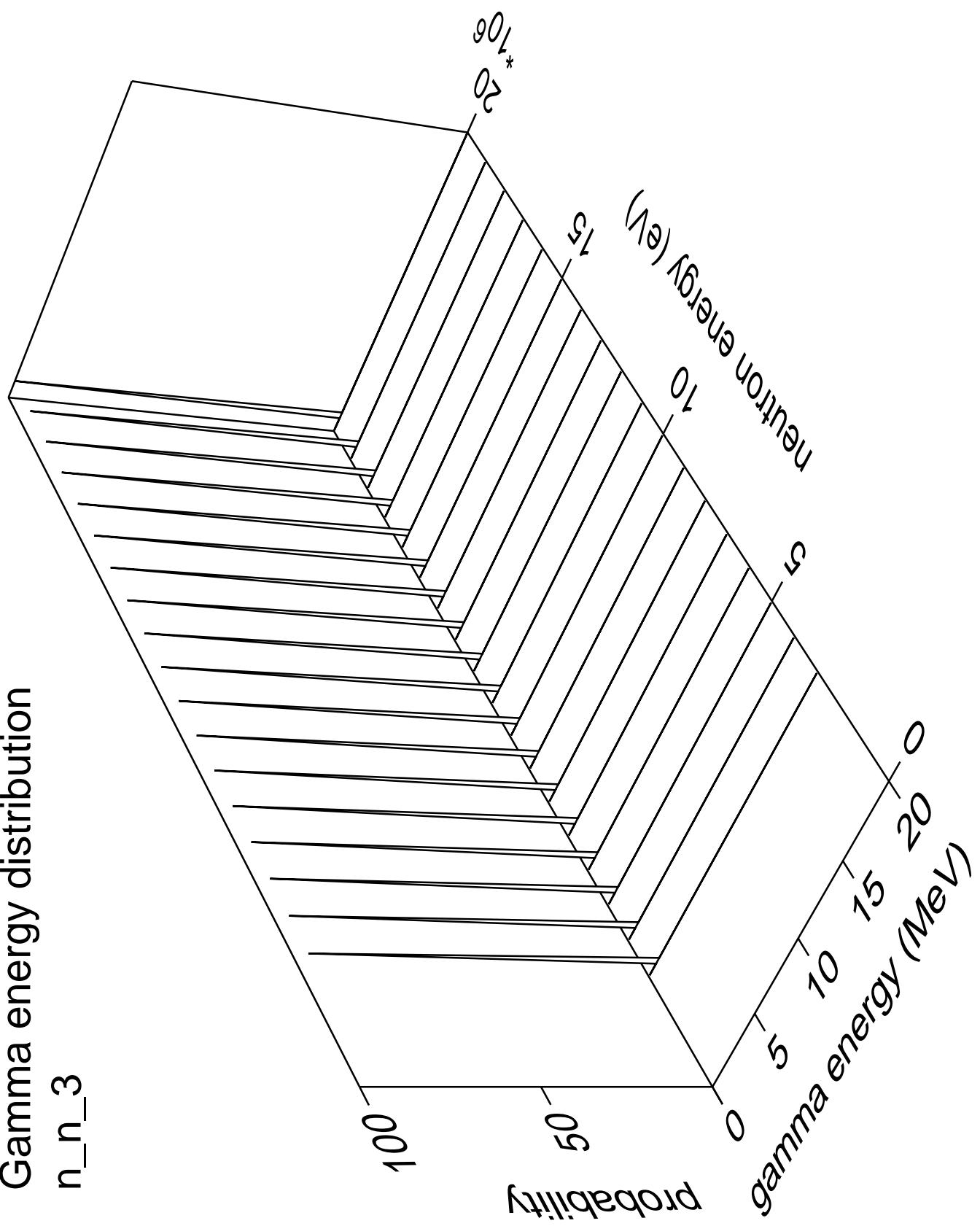
Gamma angles distribution

$n_n_2$



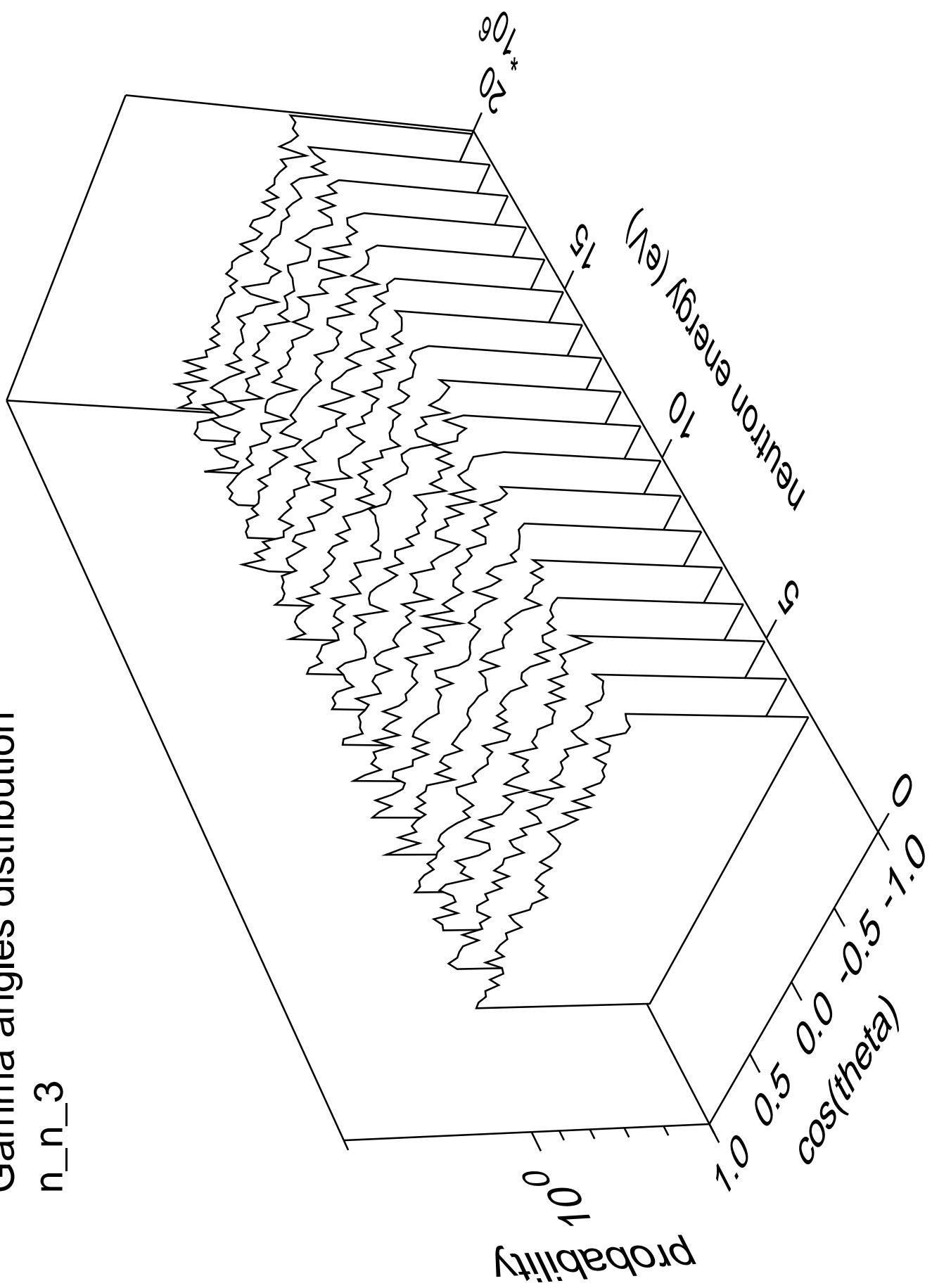


### Gamma energy distribution

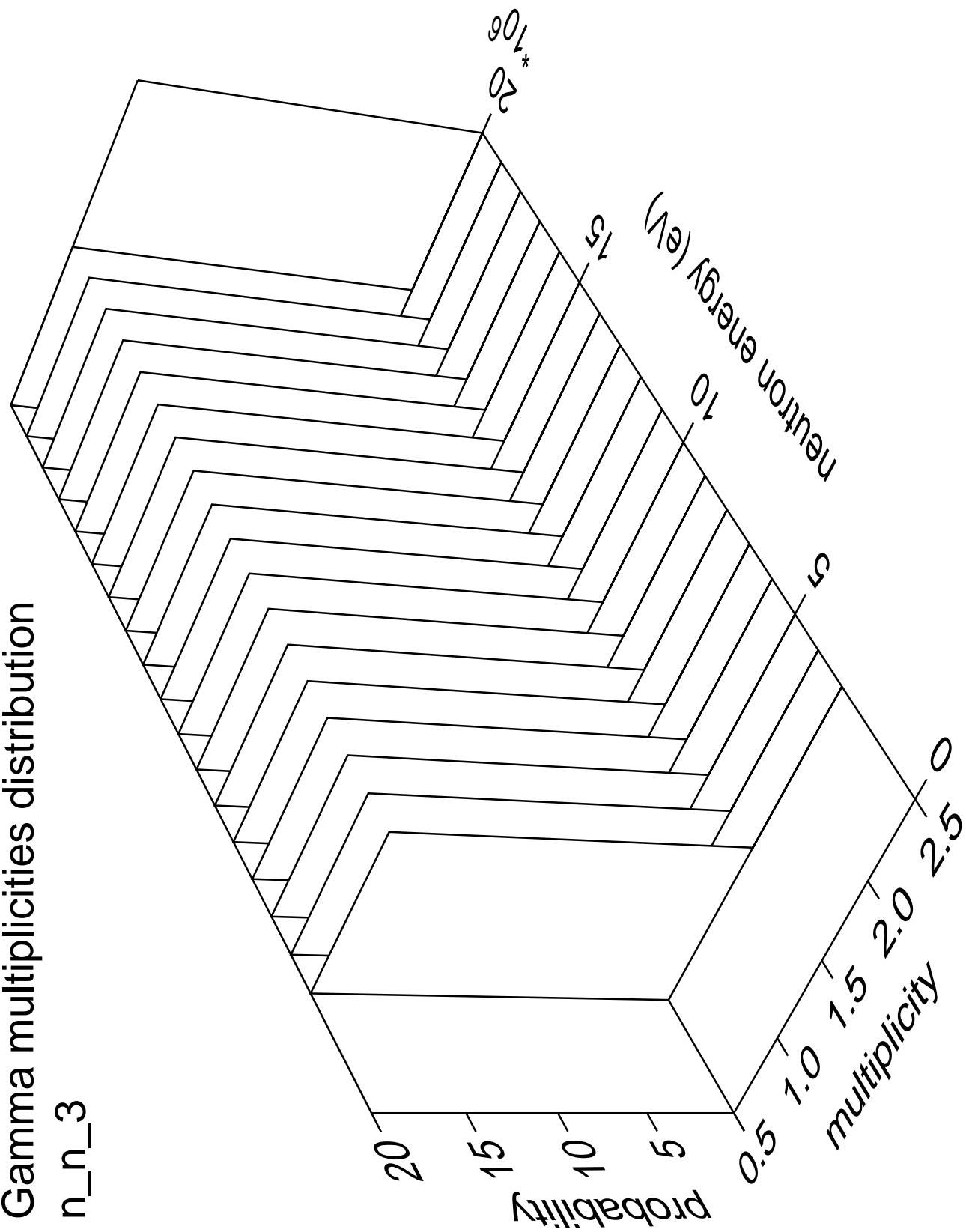


Gamma angles distribution

n\_n\_3

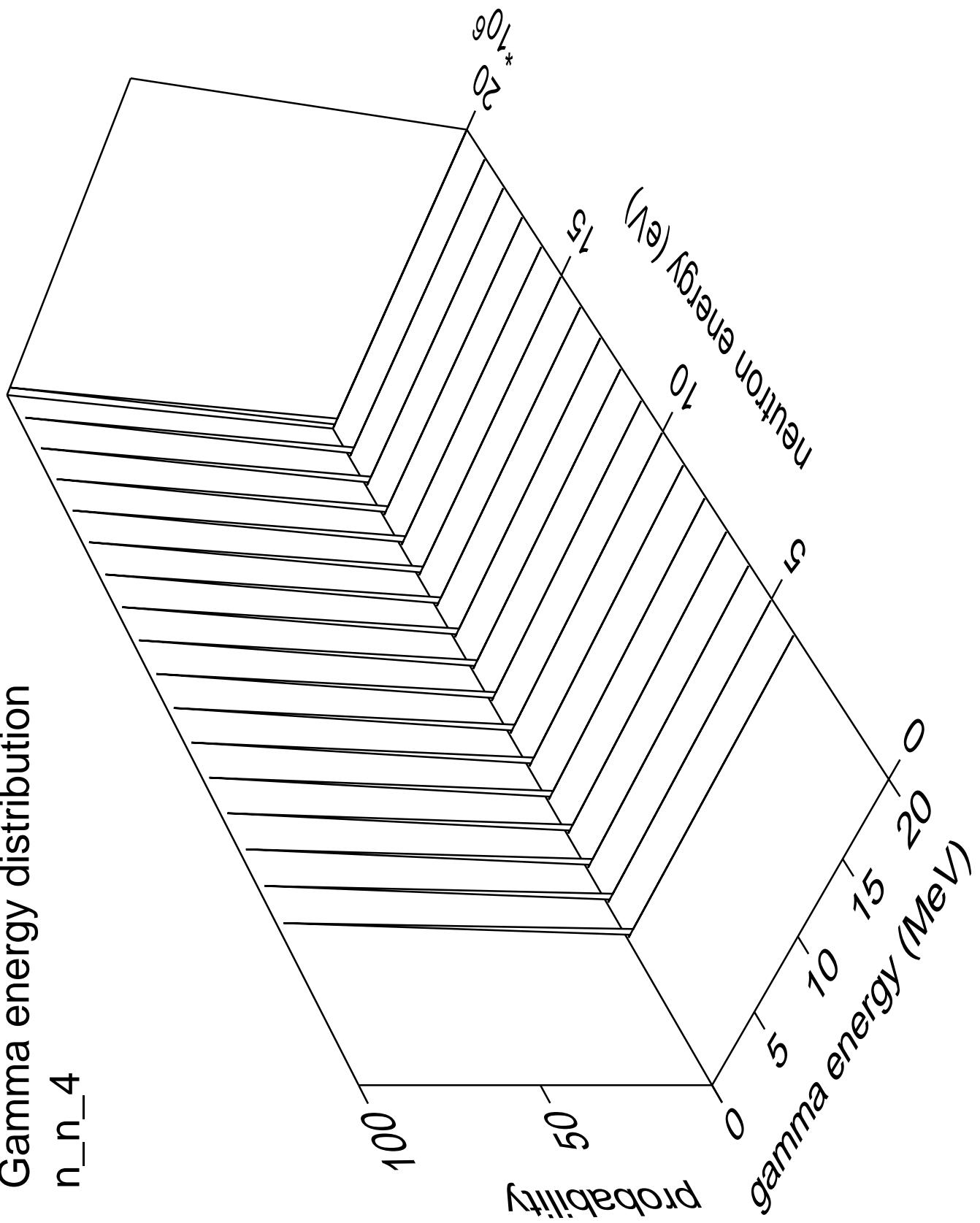


### Gamma multiplicities distribution



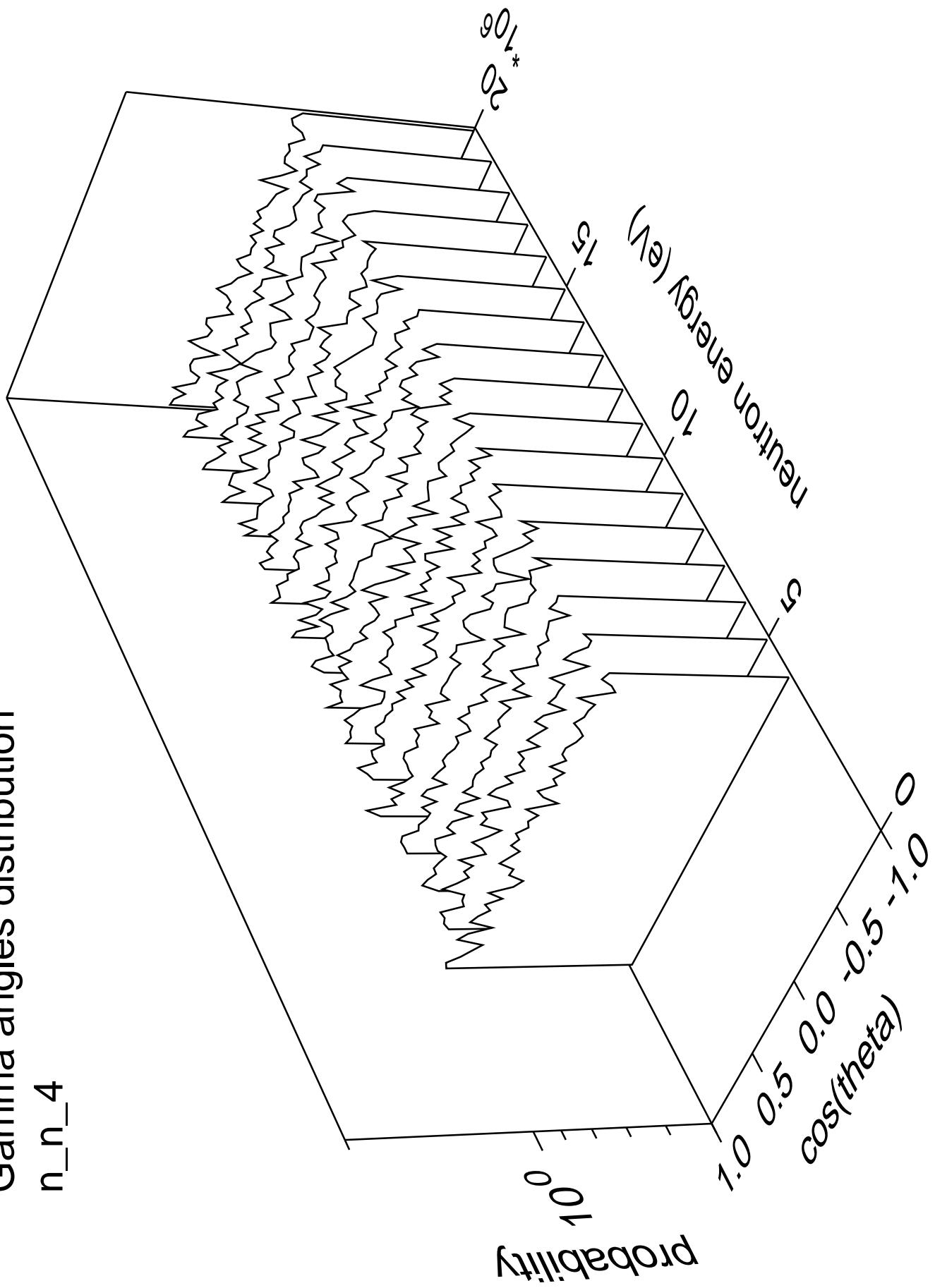
# n\_n\_4

## Gamma energy distribution

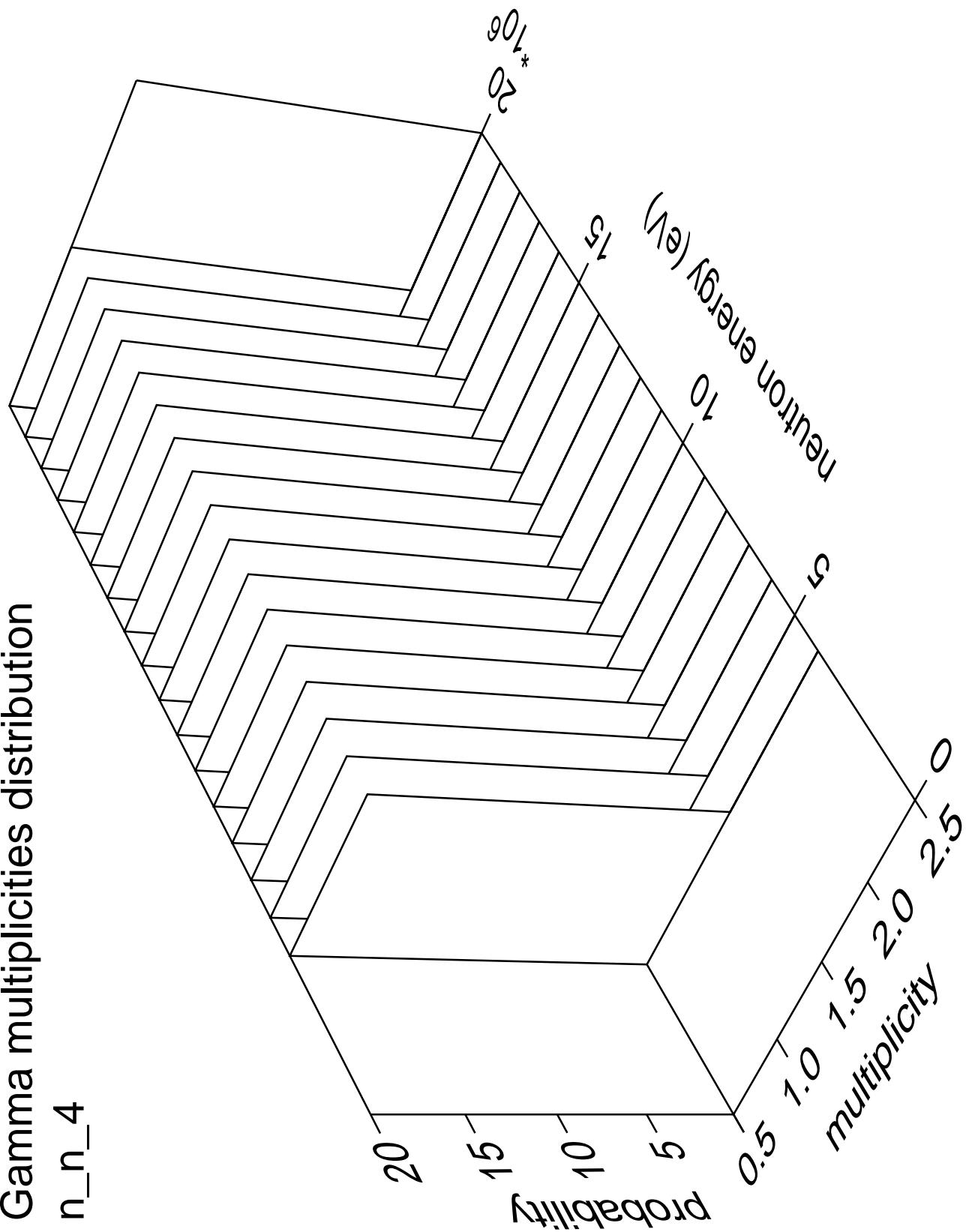


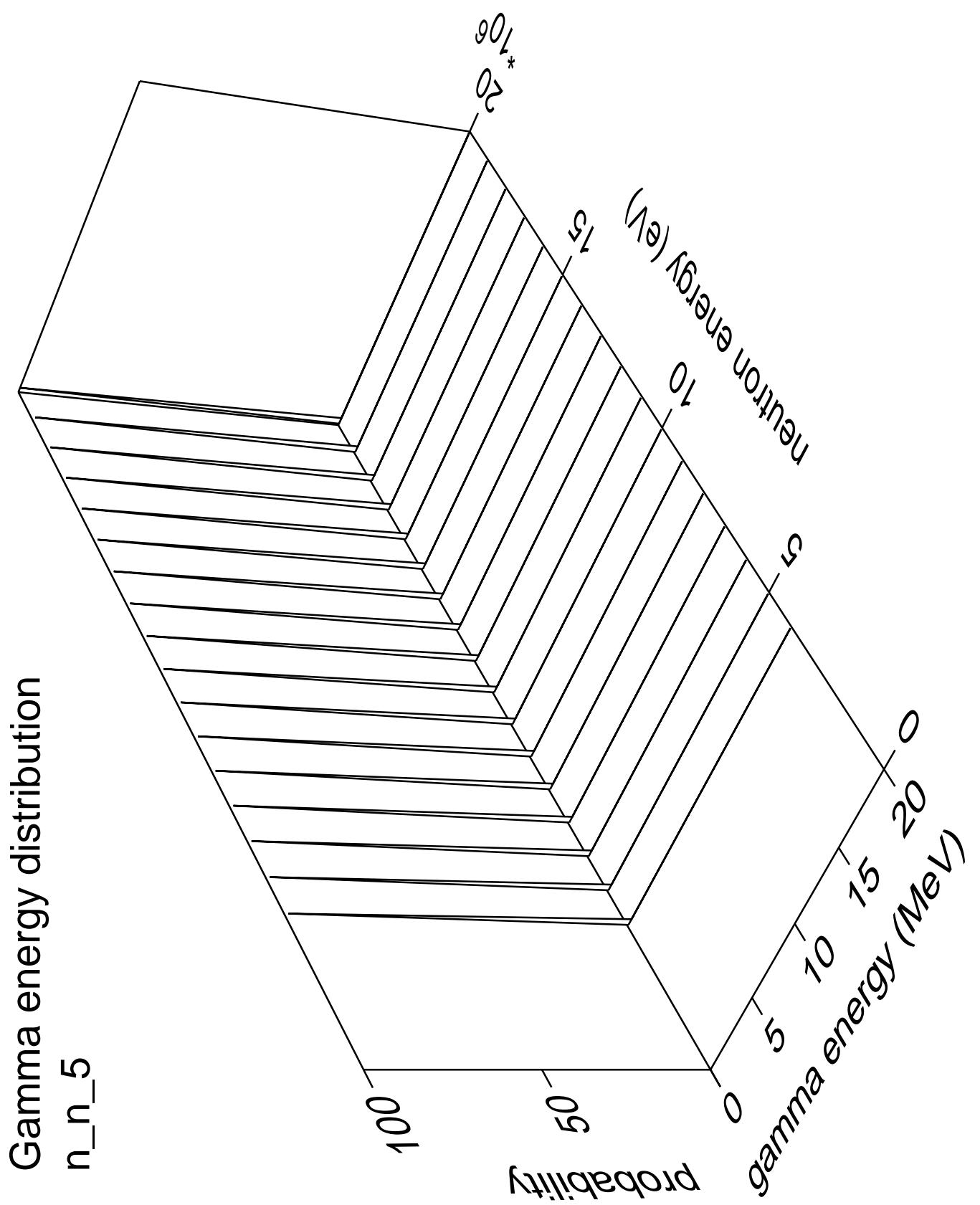
# Gamma angles distribution

n\_n\_4



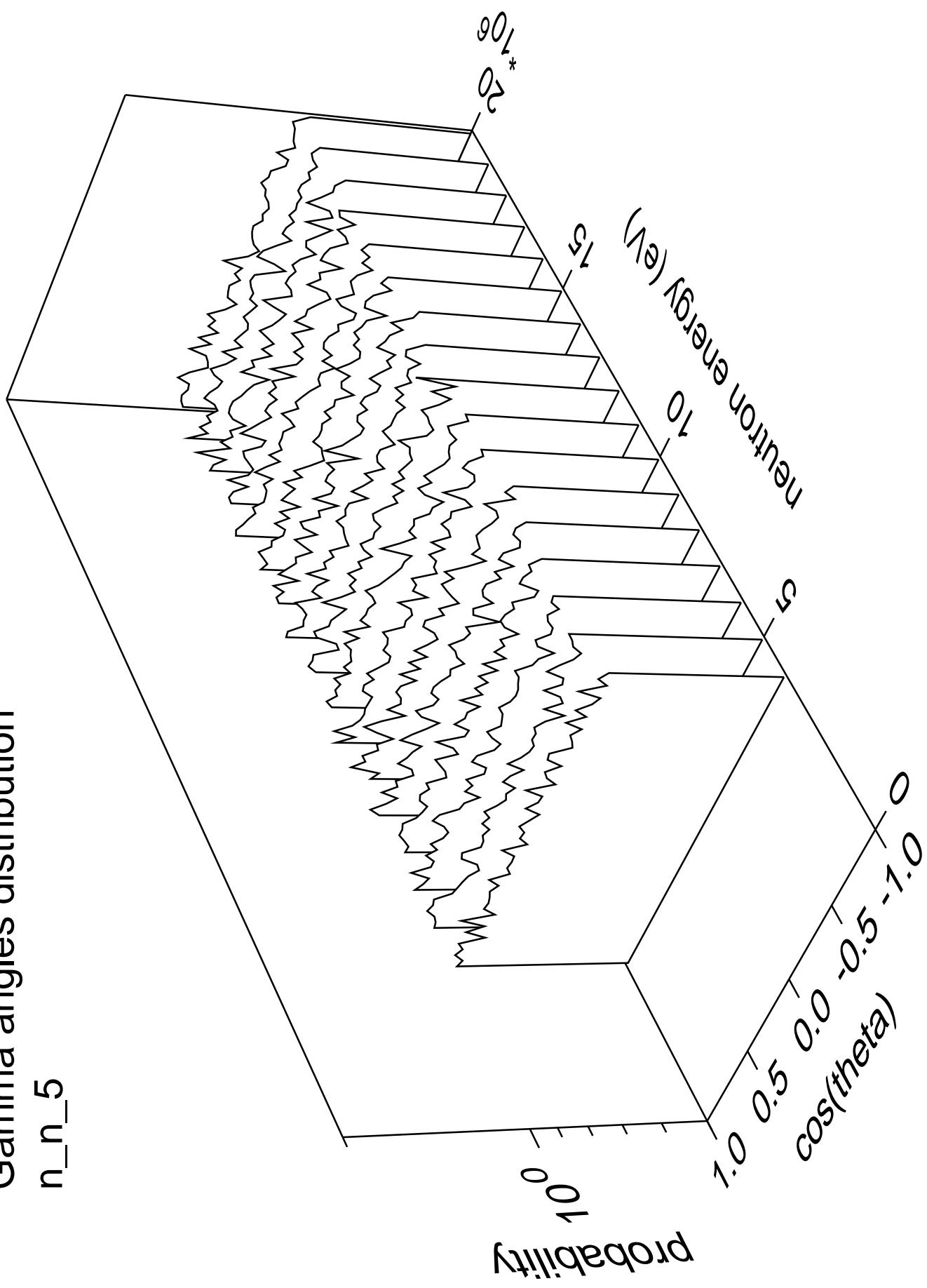
## Gamma multiplicities distribution



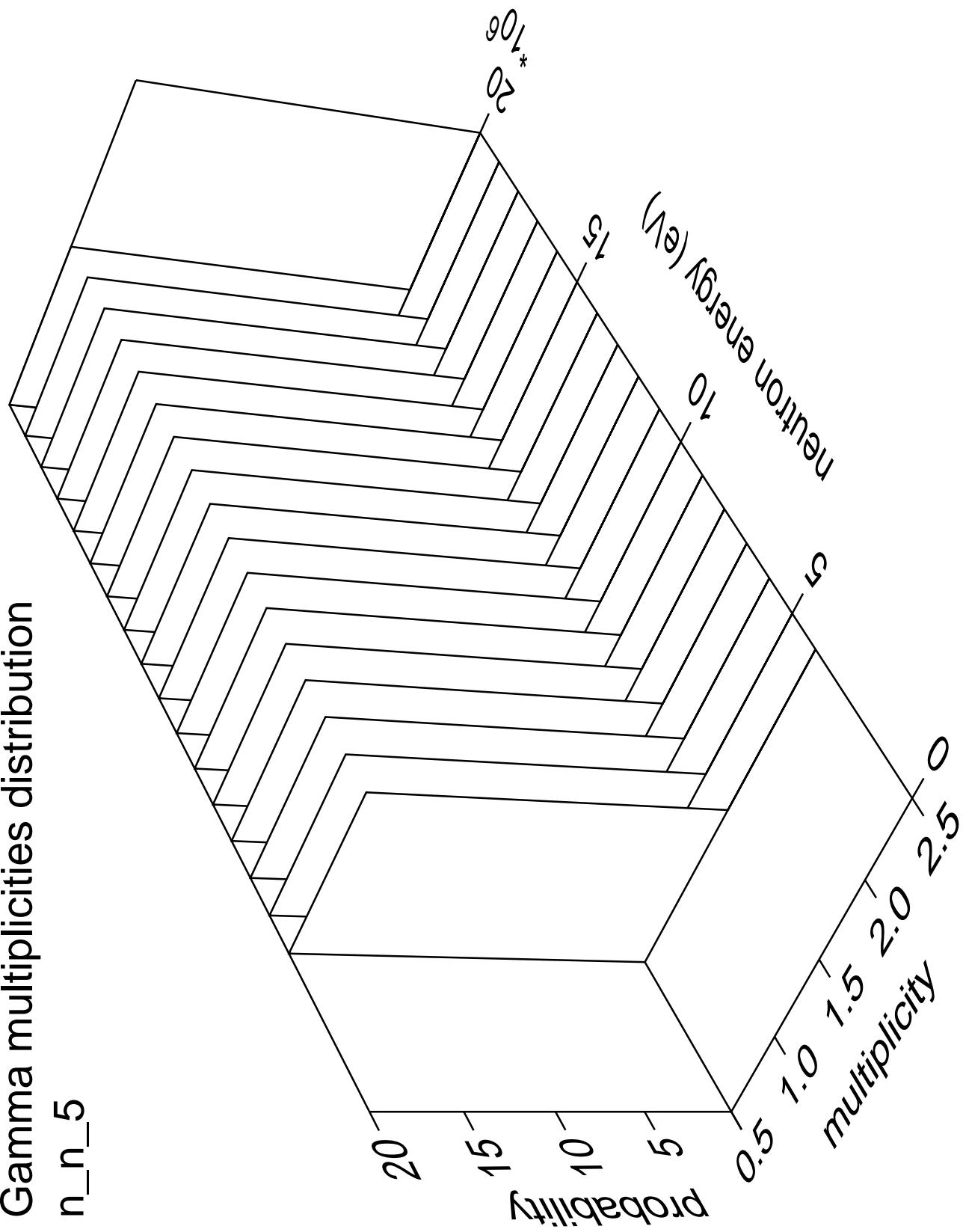


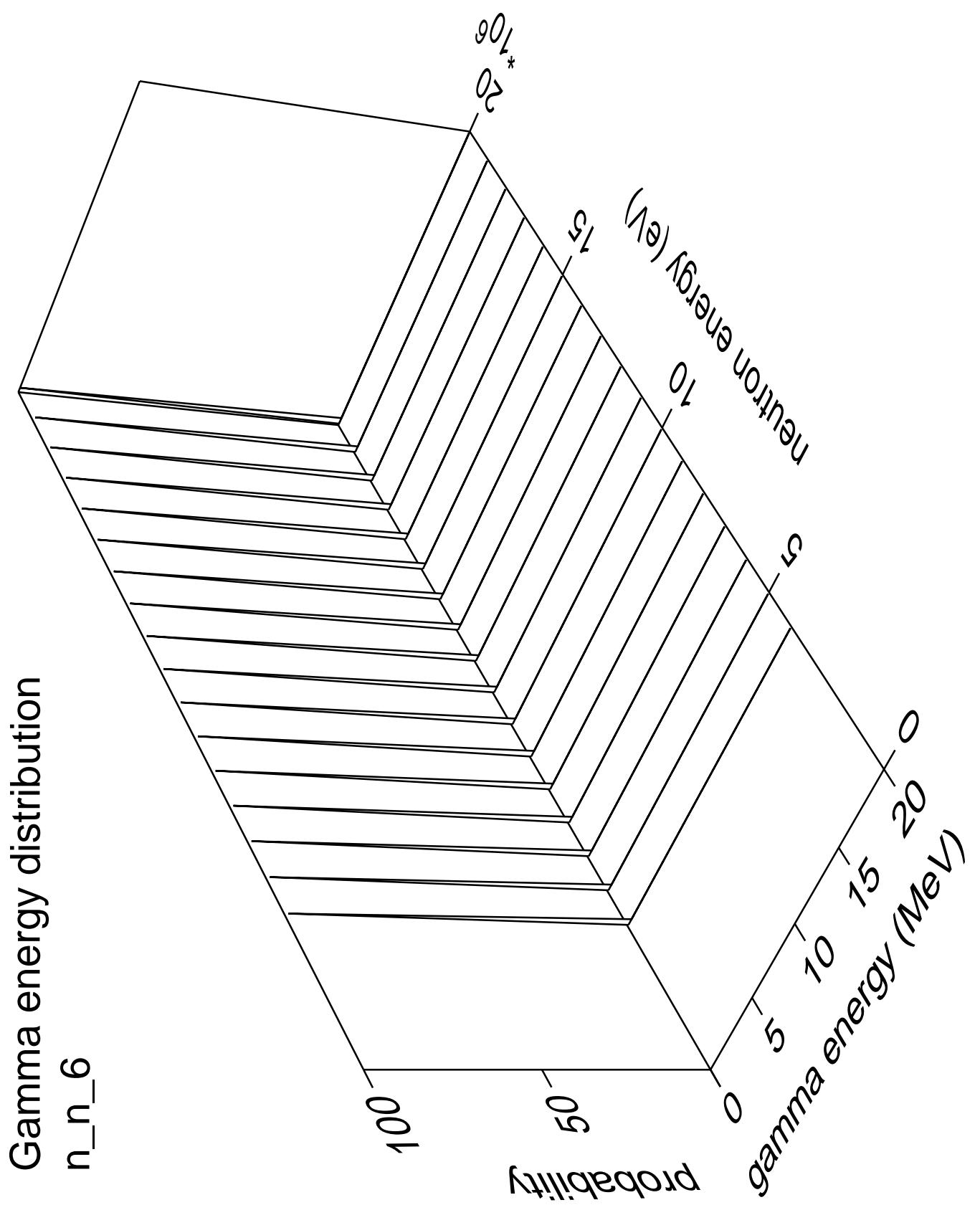
Gamma angles distribution

n\_n\_5



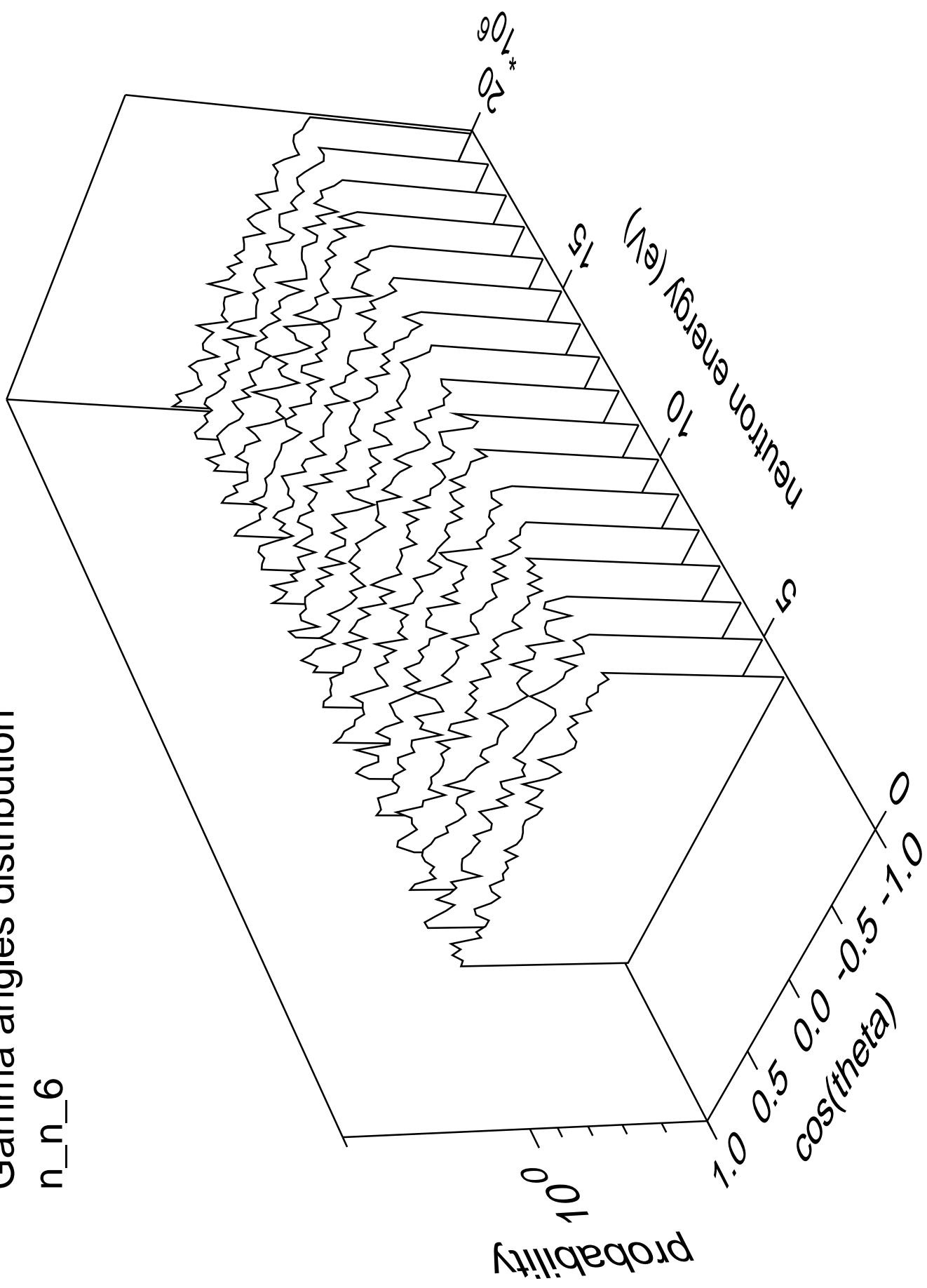
## Gamma multiplicities distribution



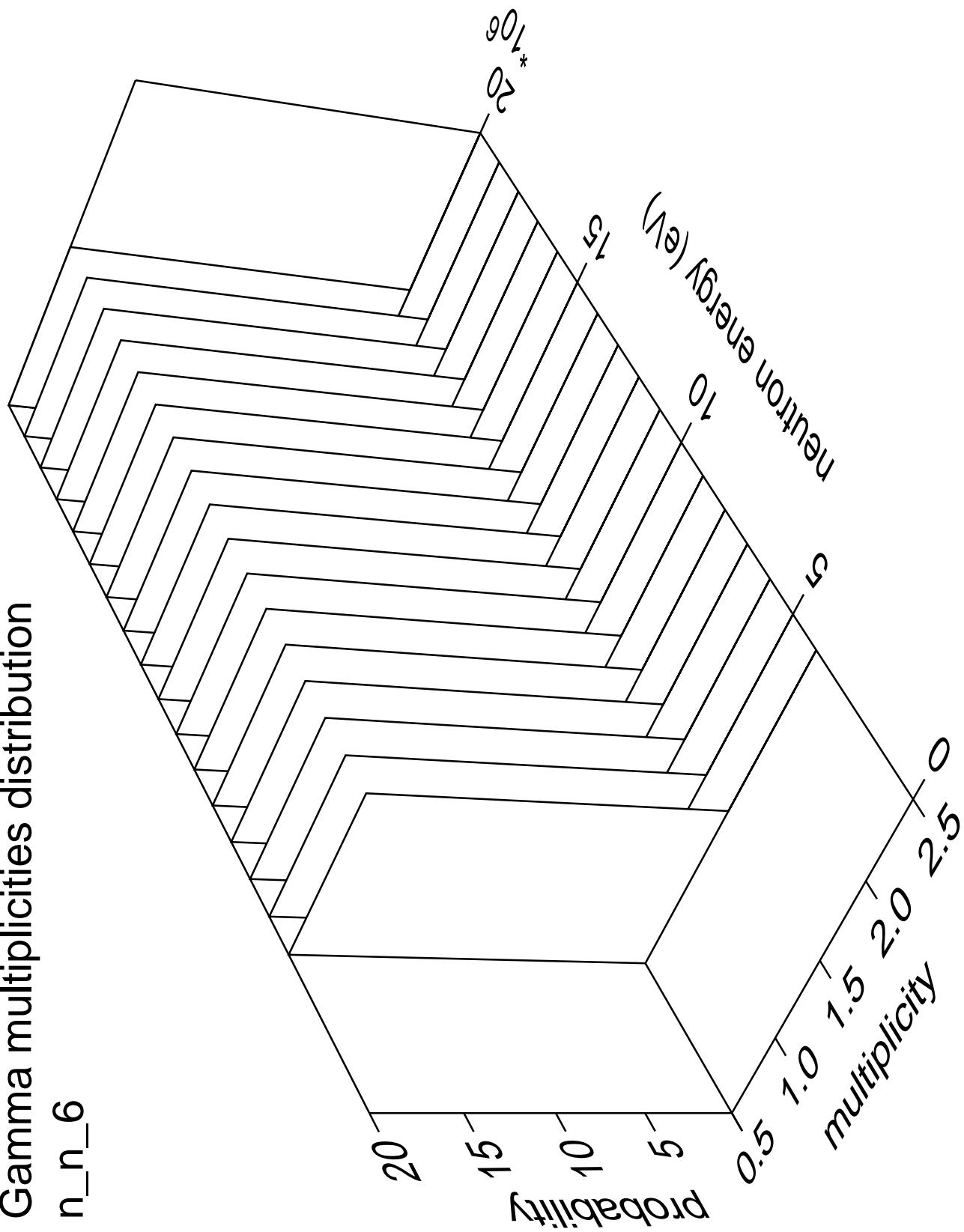


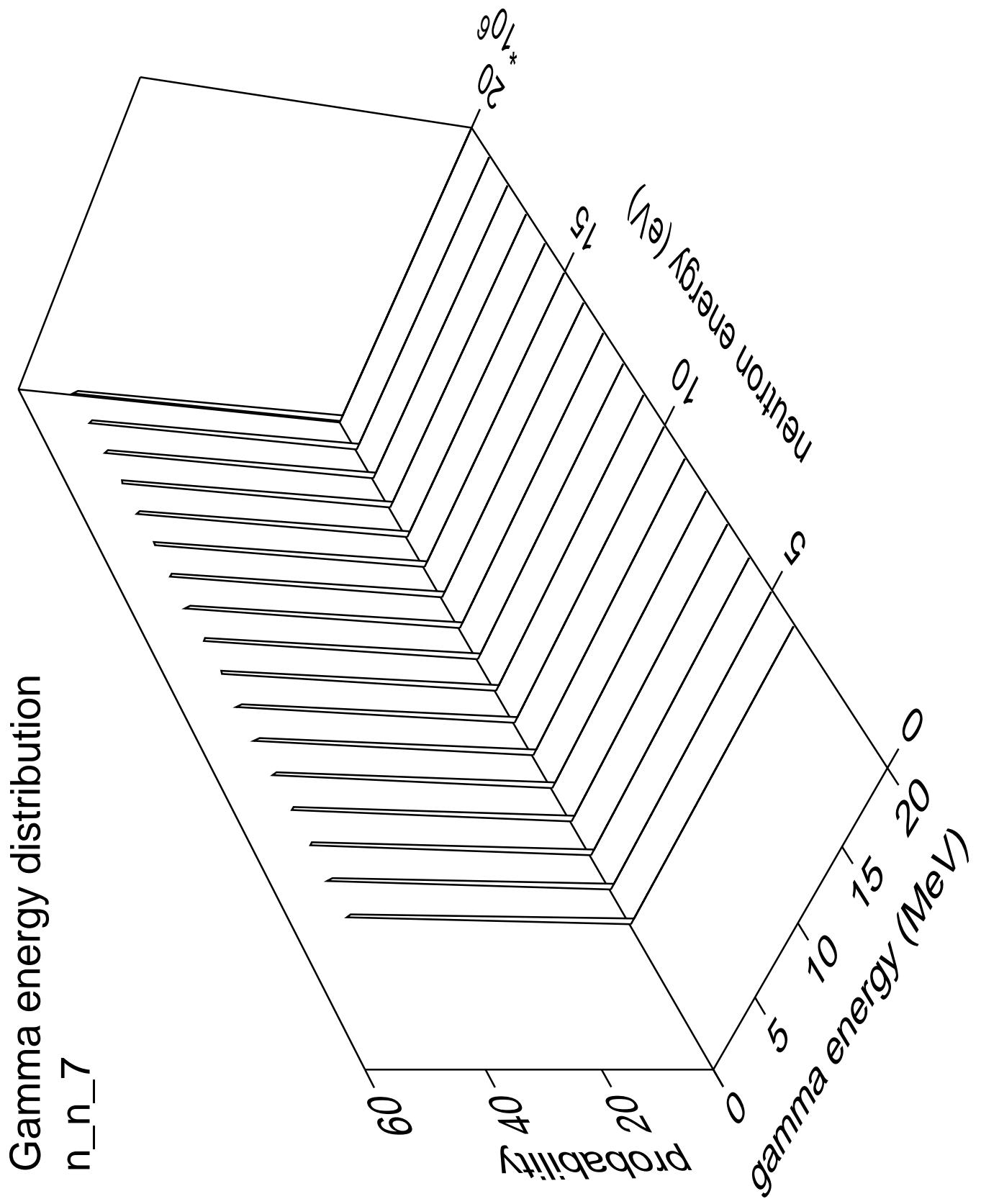
Gamma angles distribution

n\_n\_6



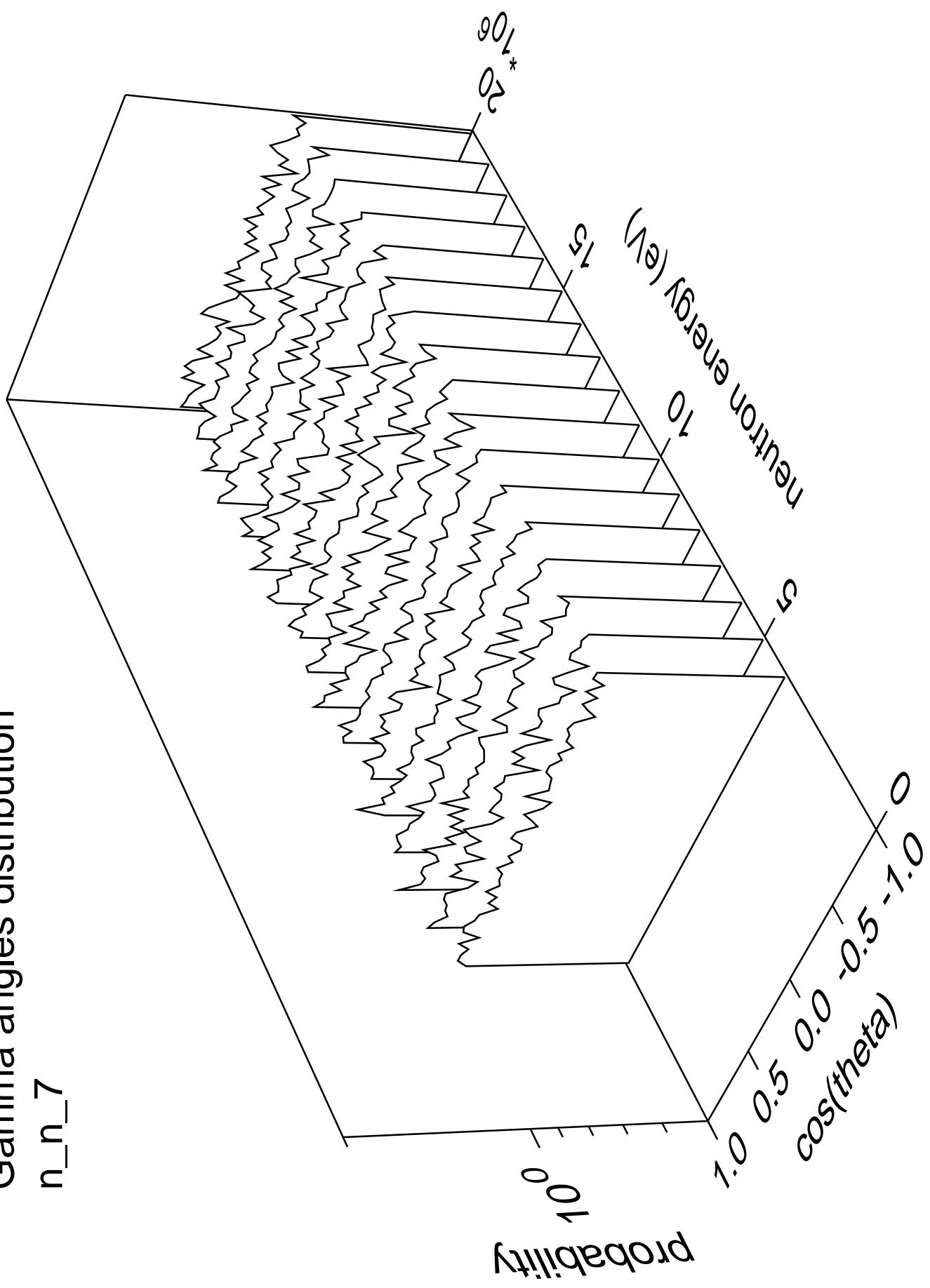
## Gamma multiplicities distribution



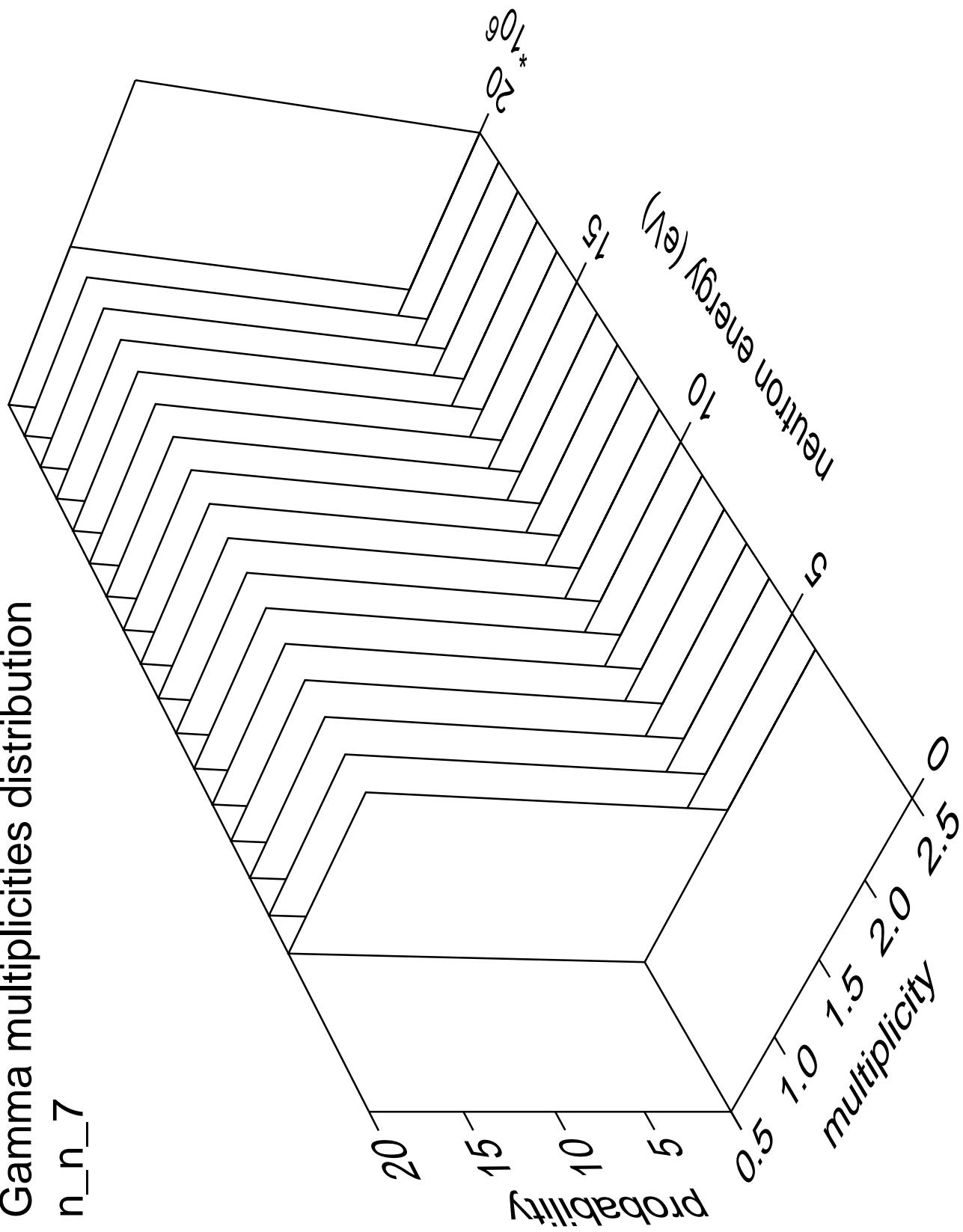


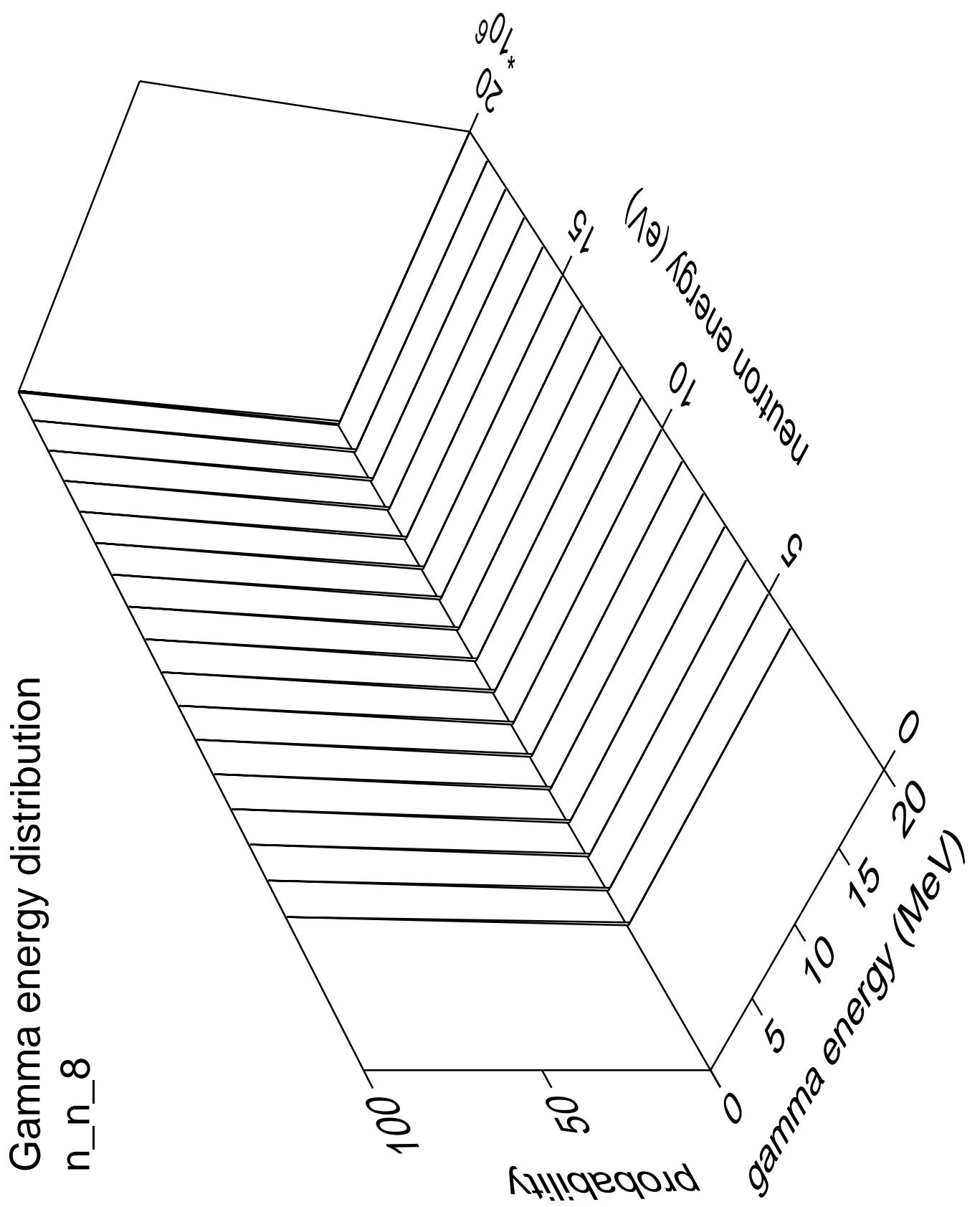
Gamma angles distribution

n\_n\_7



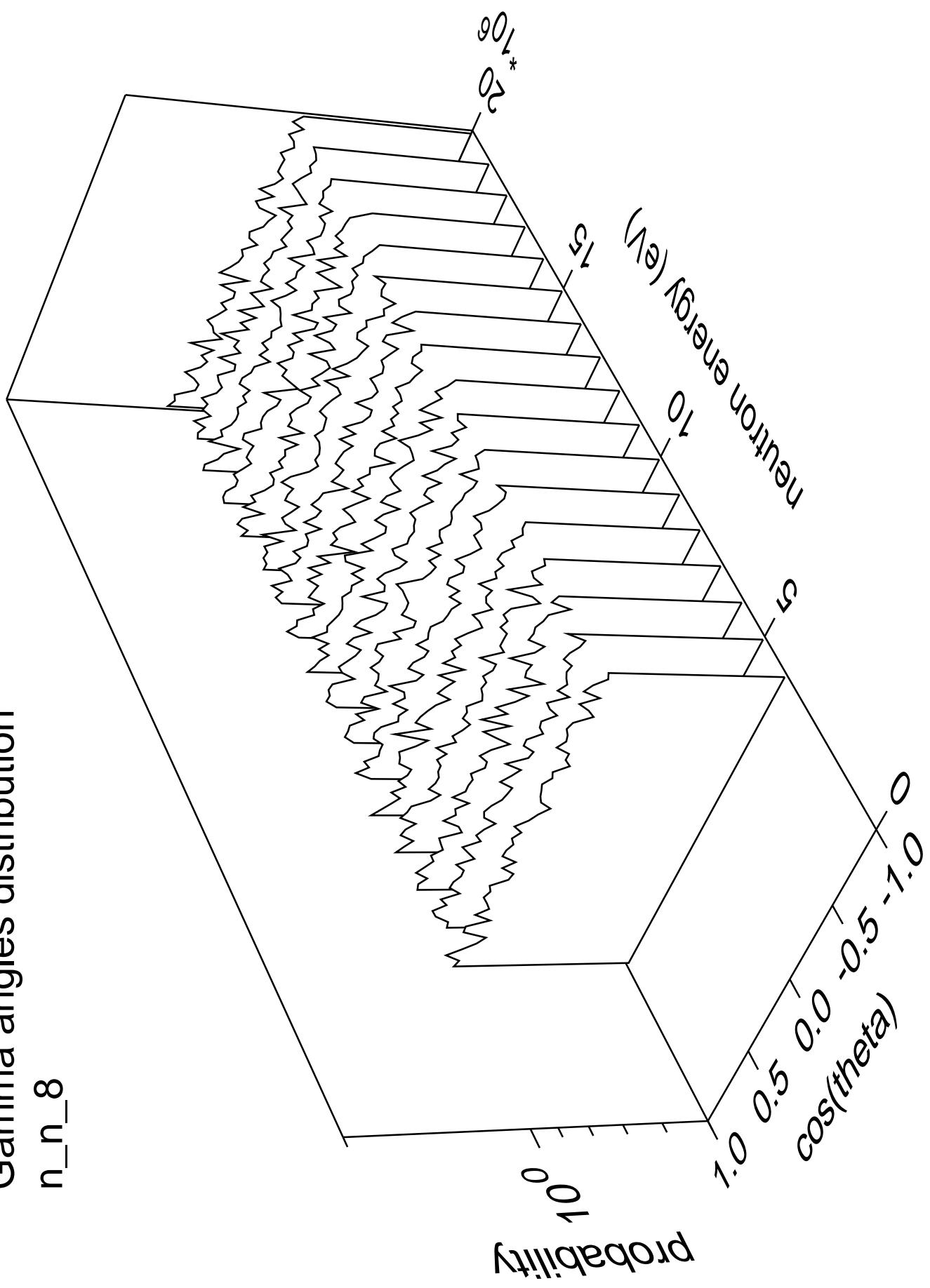
## Gamma multiplicities distribution



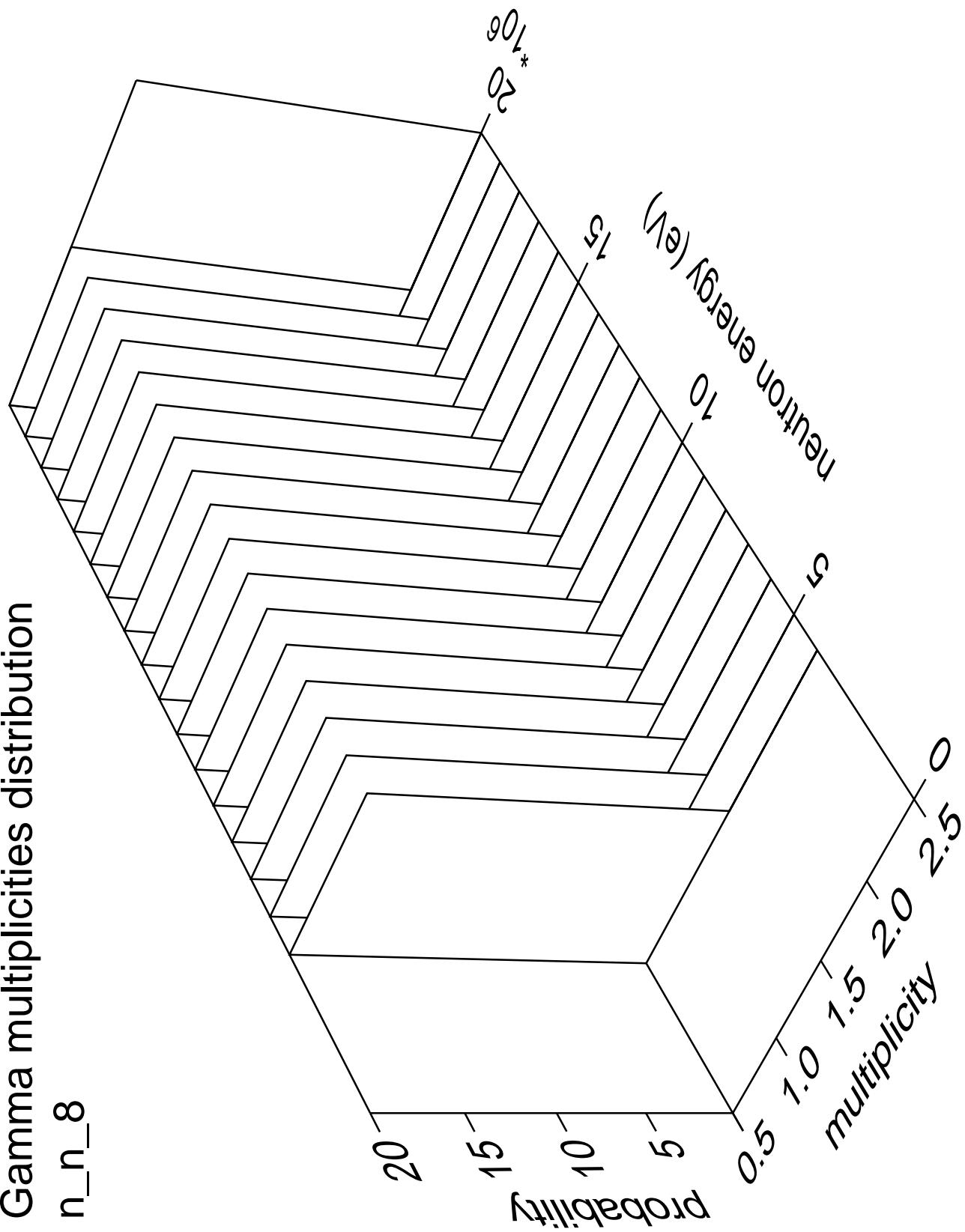


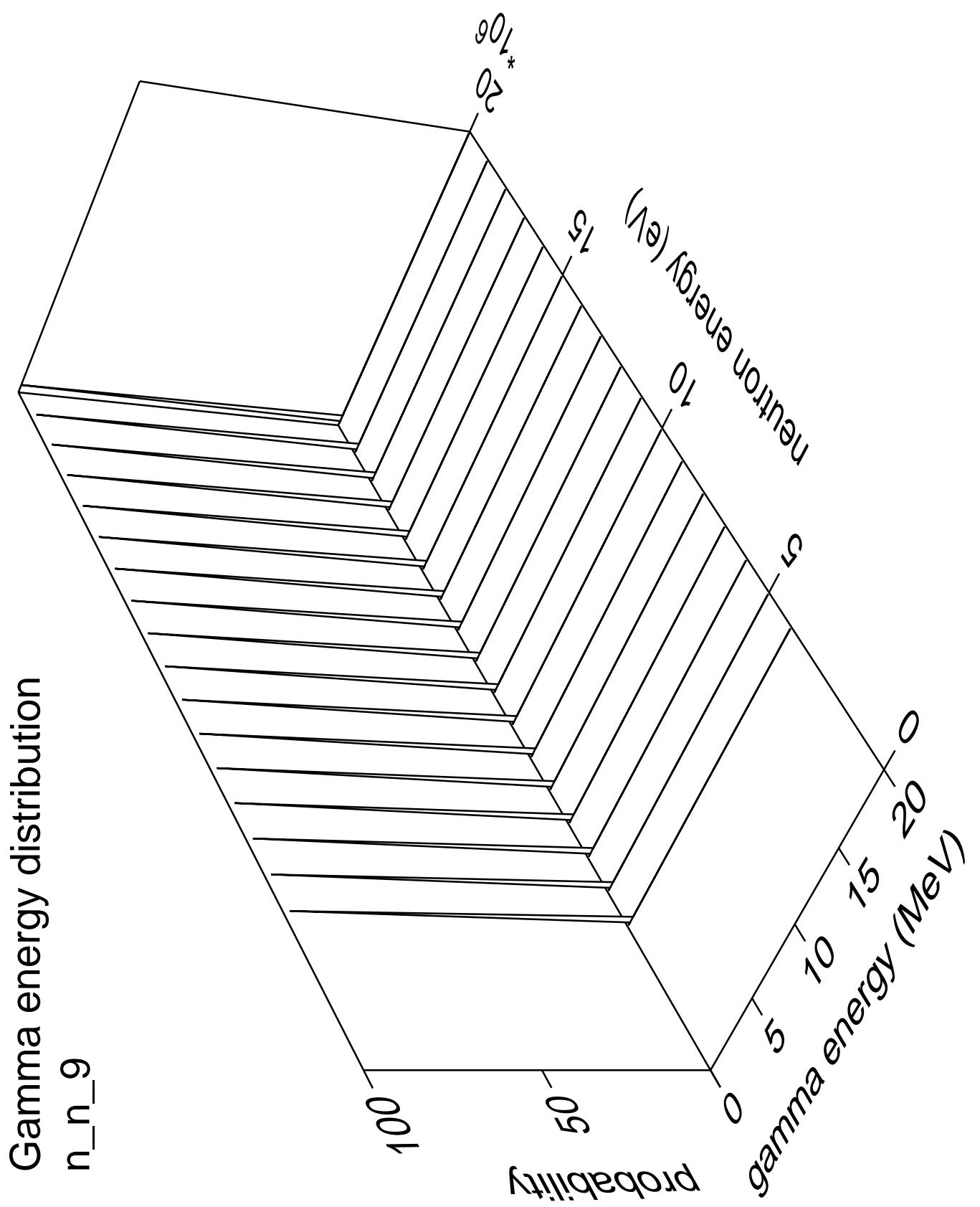
Gamma angles distribution

n\_n\_8



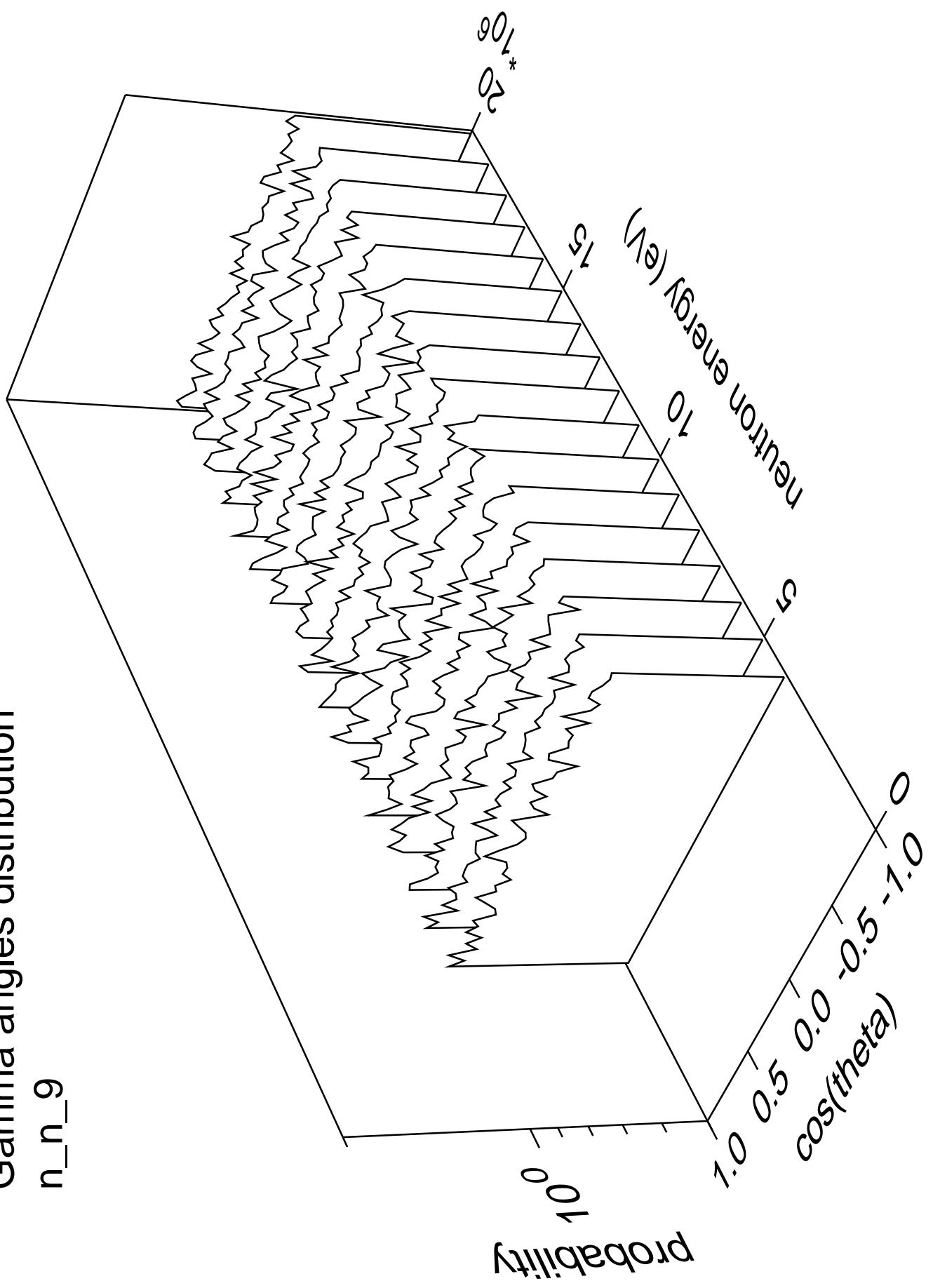
# Gamma multiplicities distribution

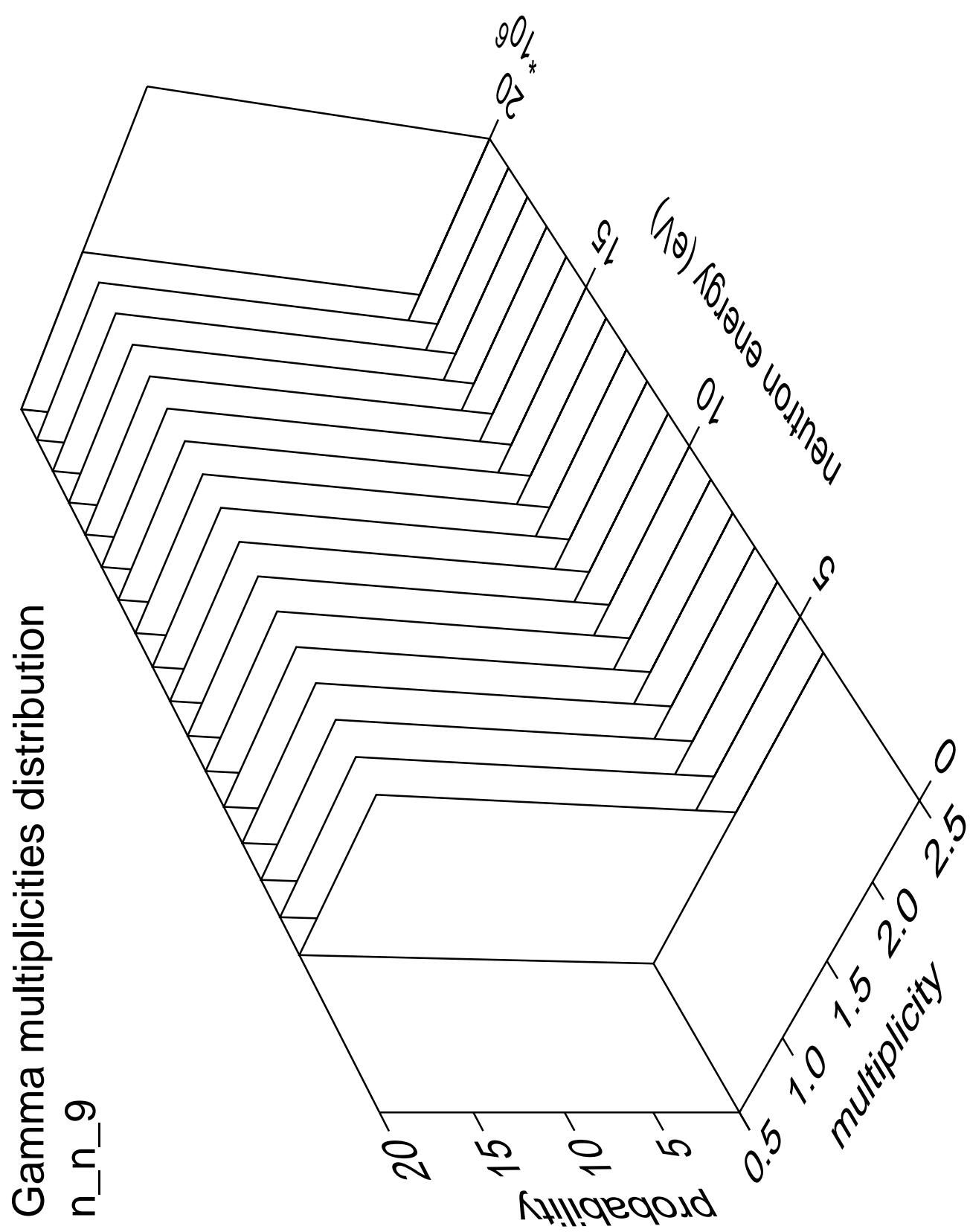


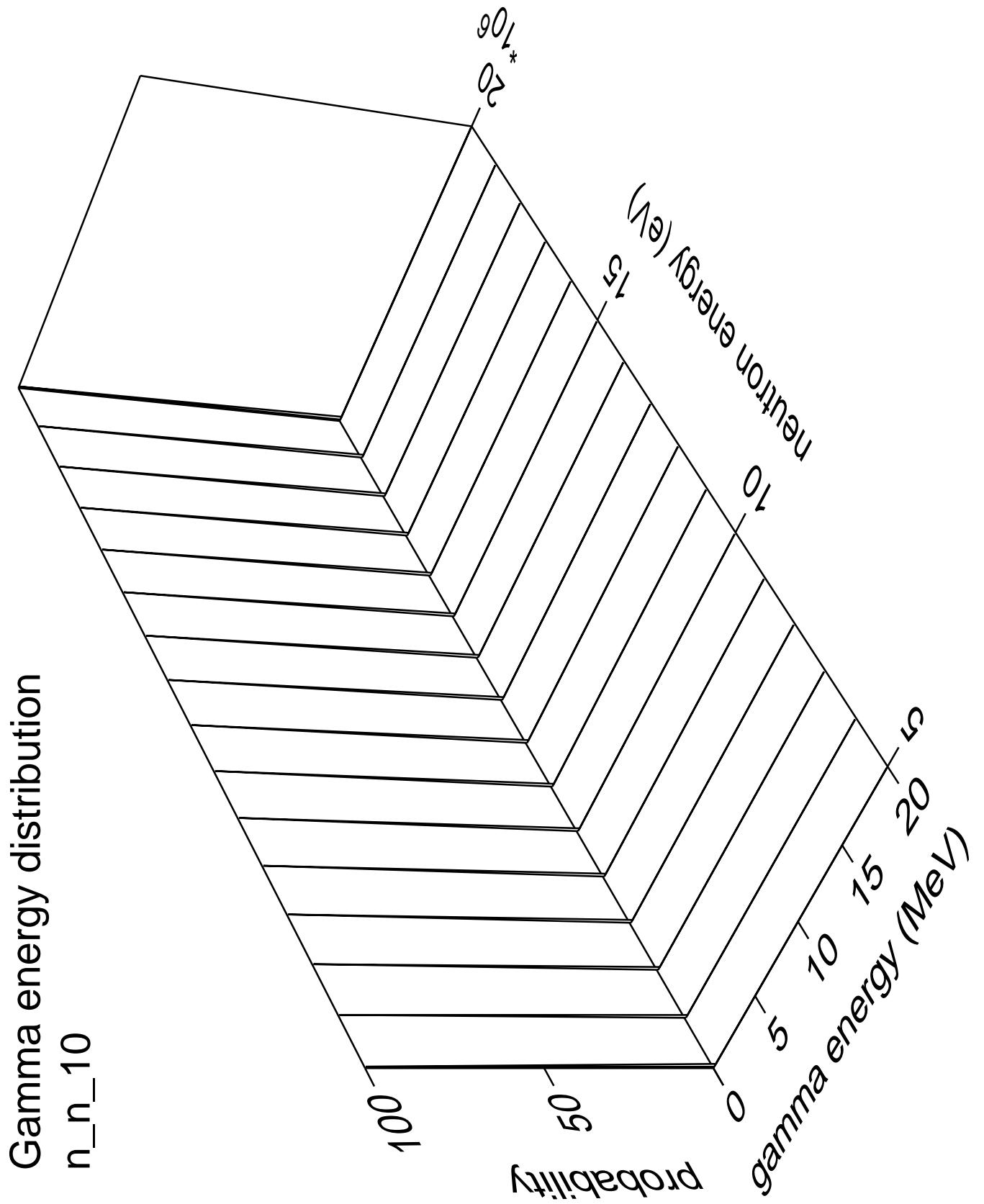


Gamma angles distribution

n\_n\_9

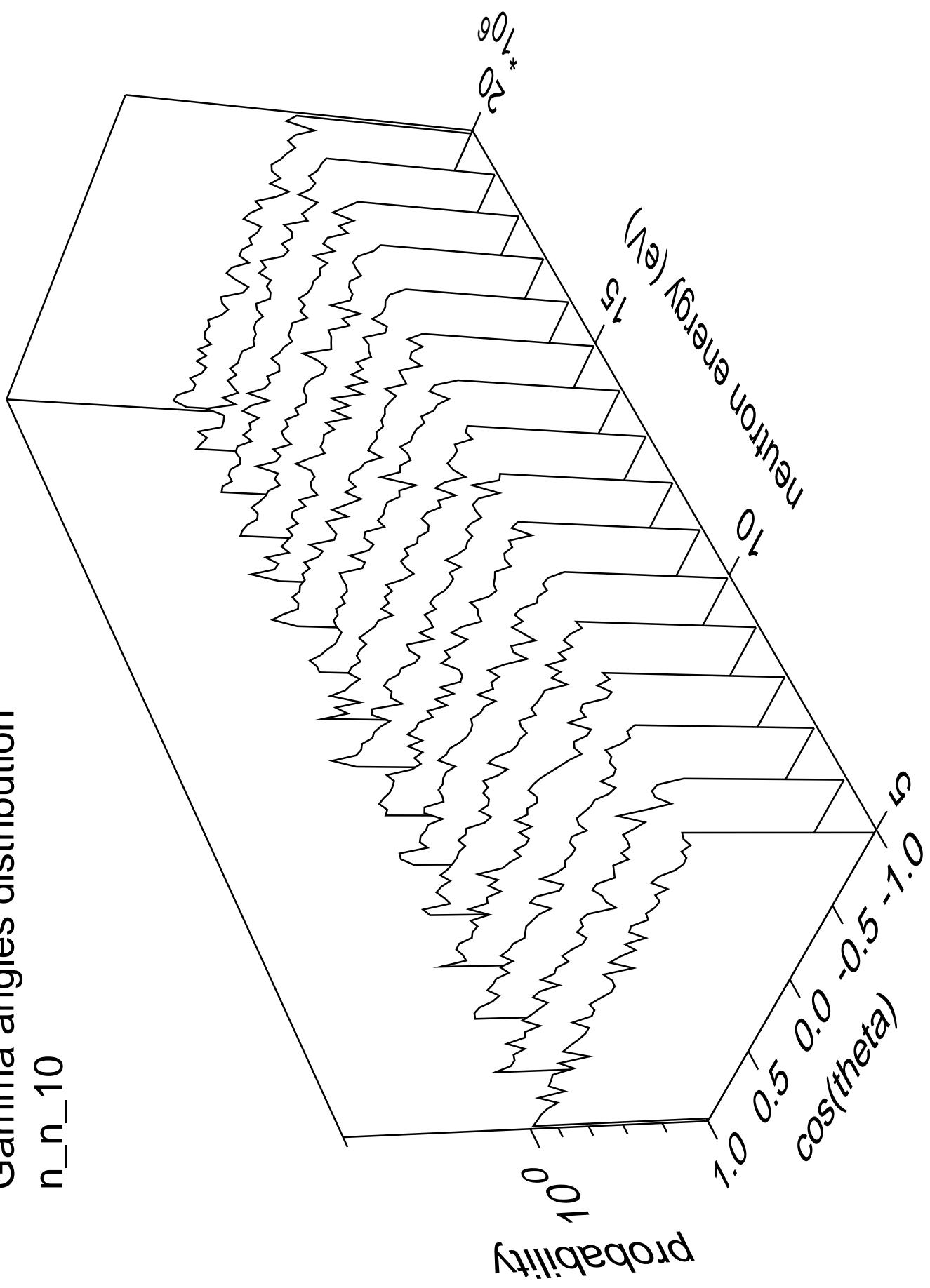


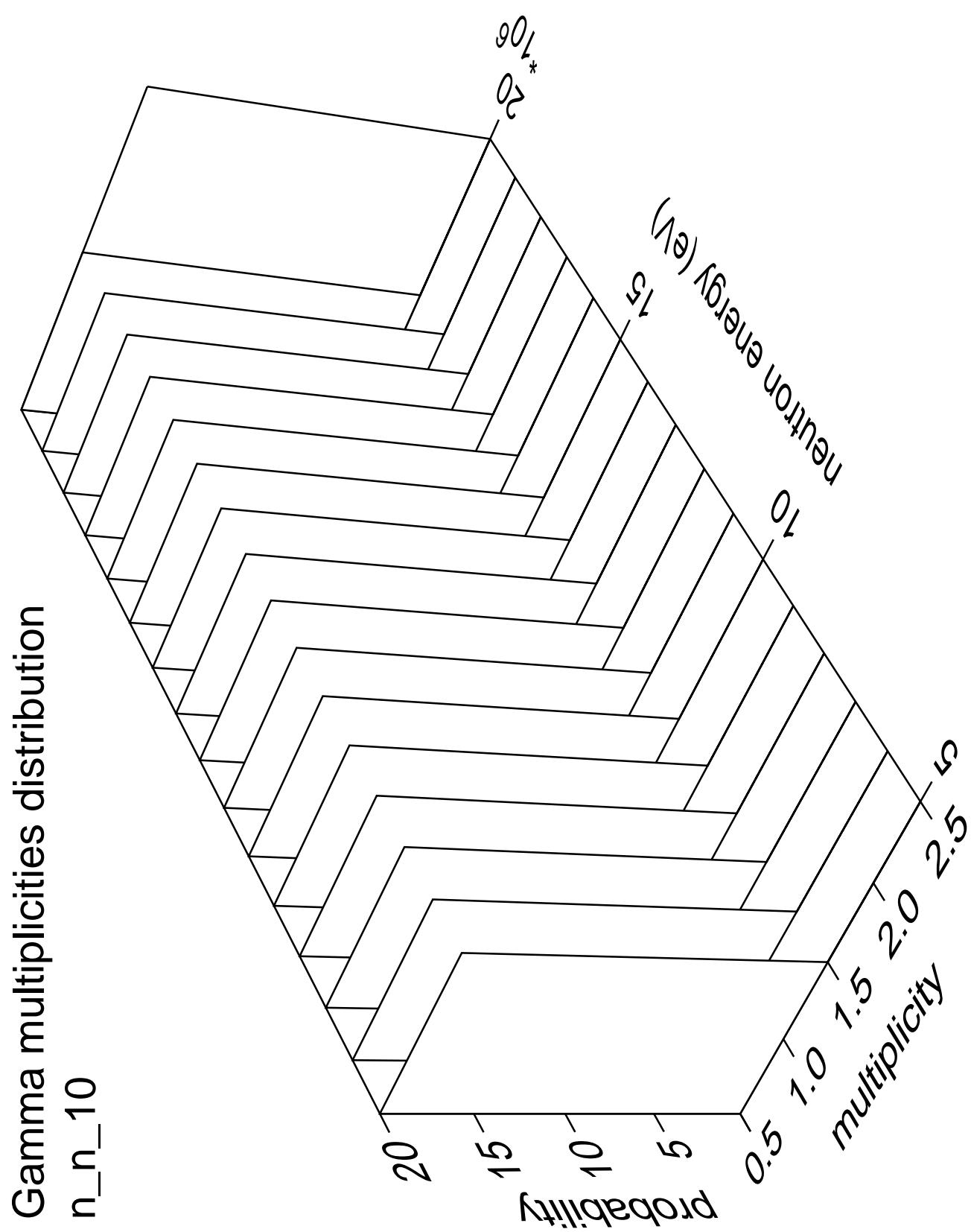




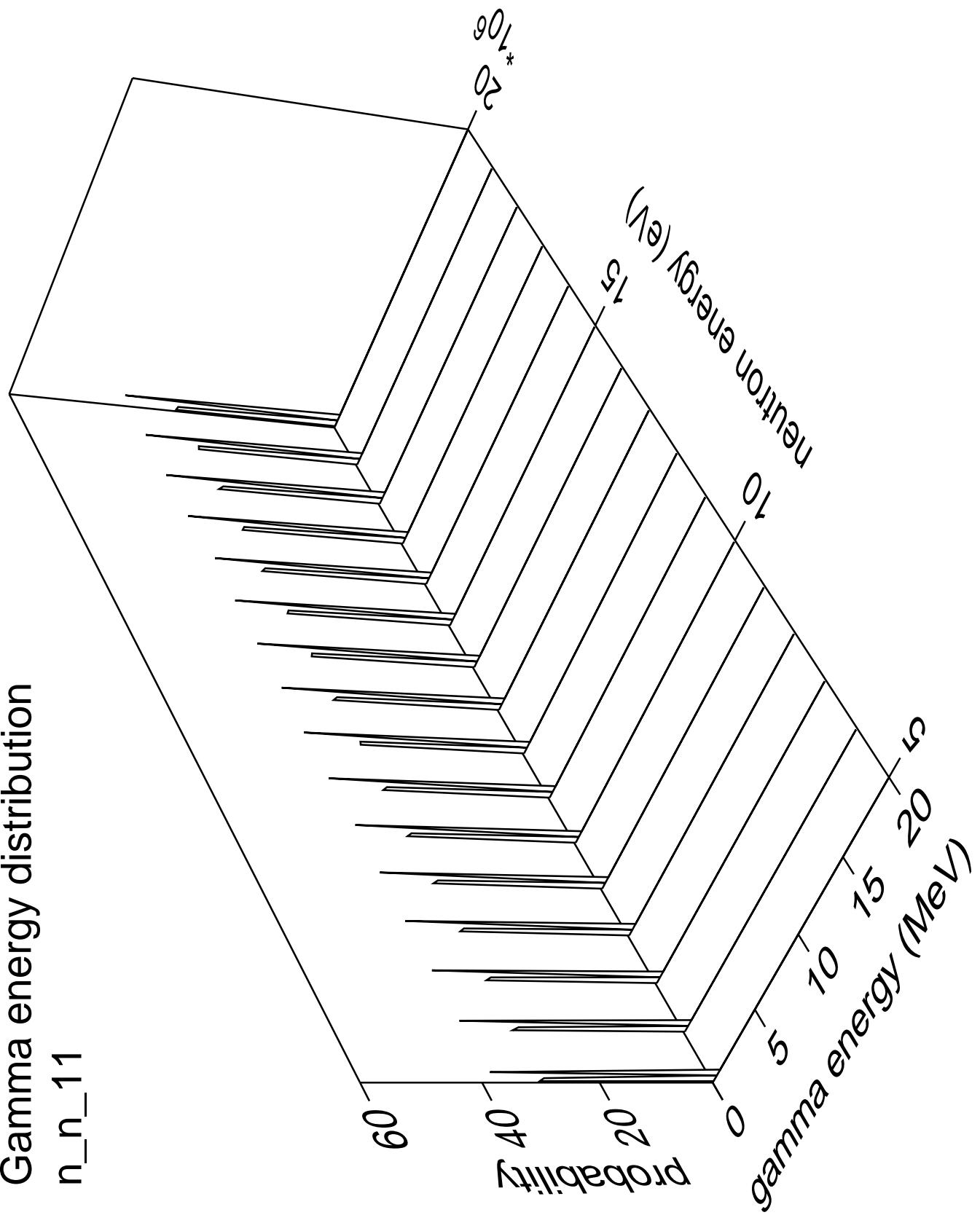
Gamma angles distribution

n\_n\_10



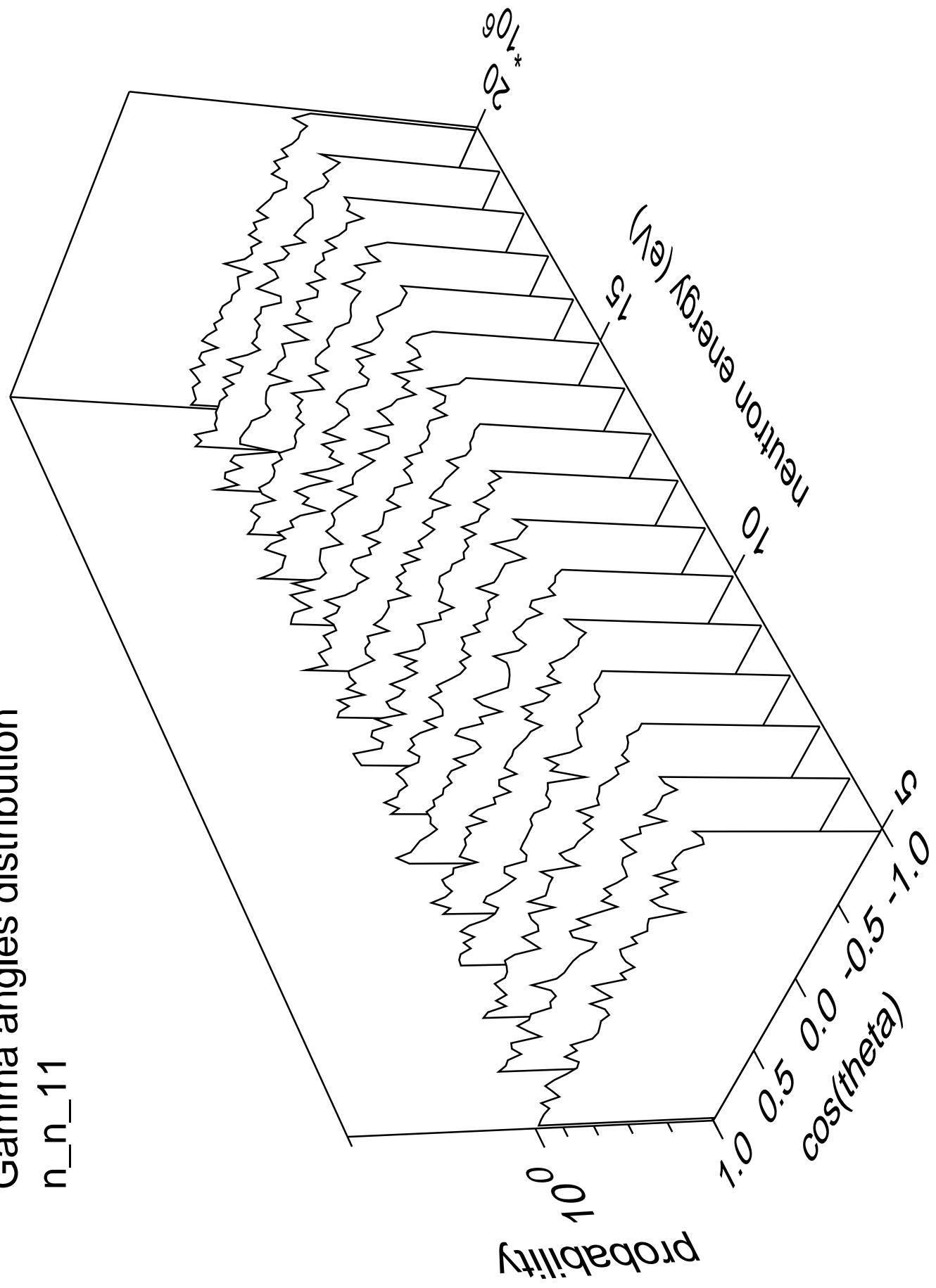


# Gamma energy distribution

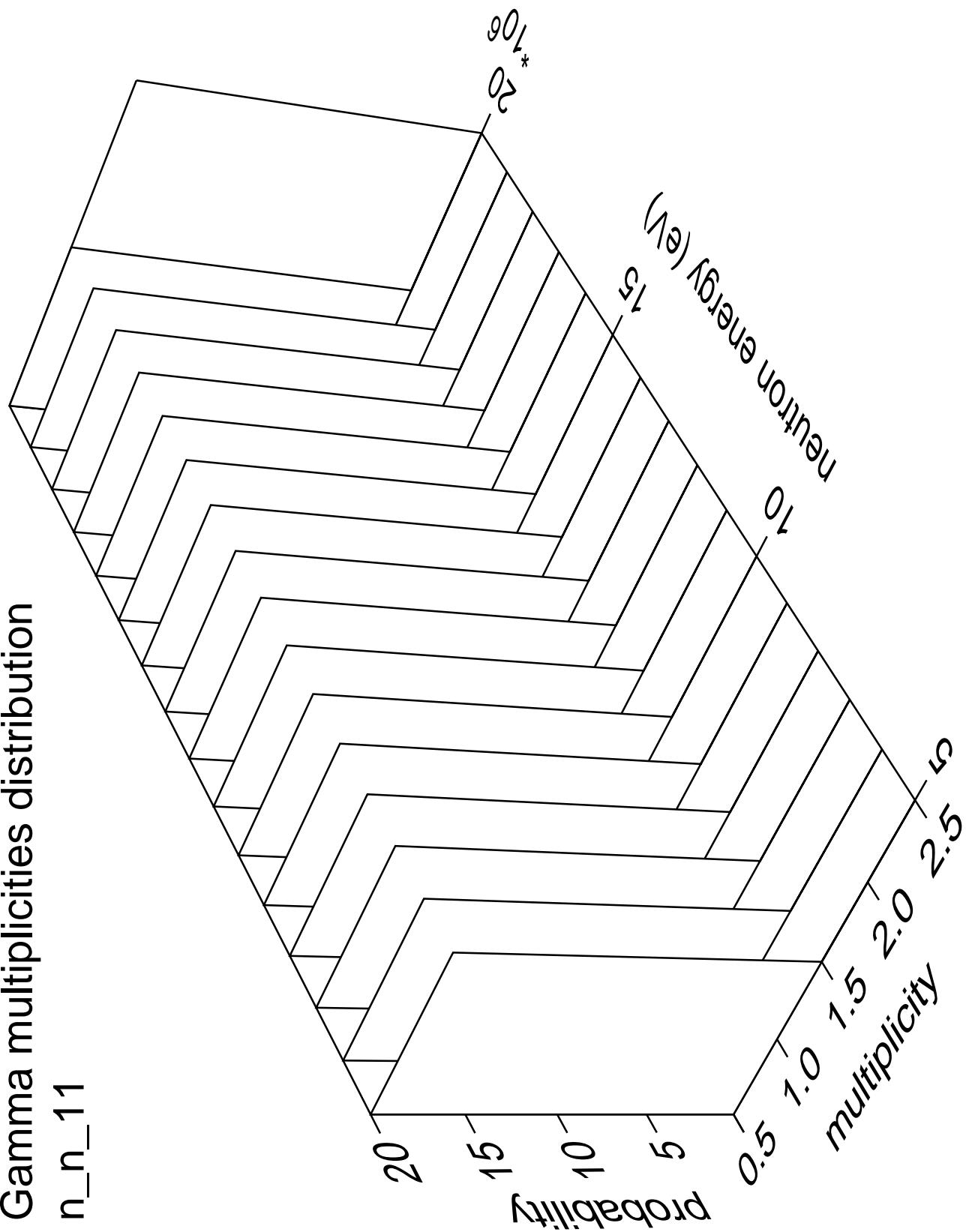


# Gamma angles distribution

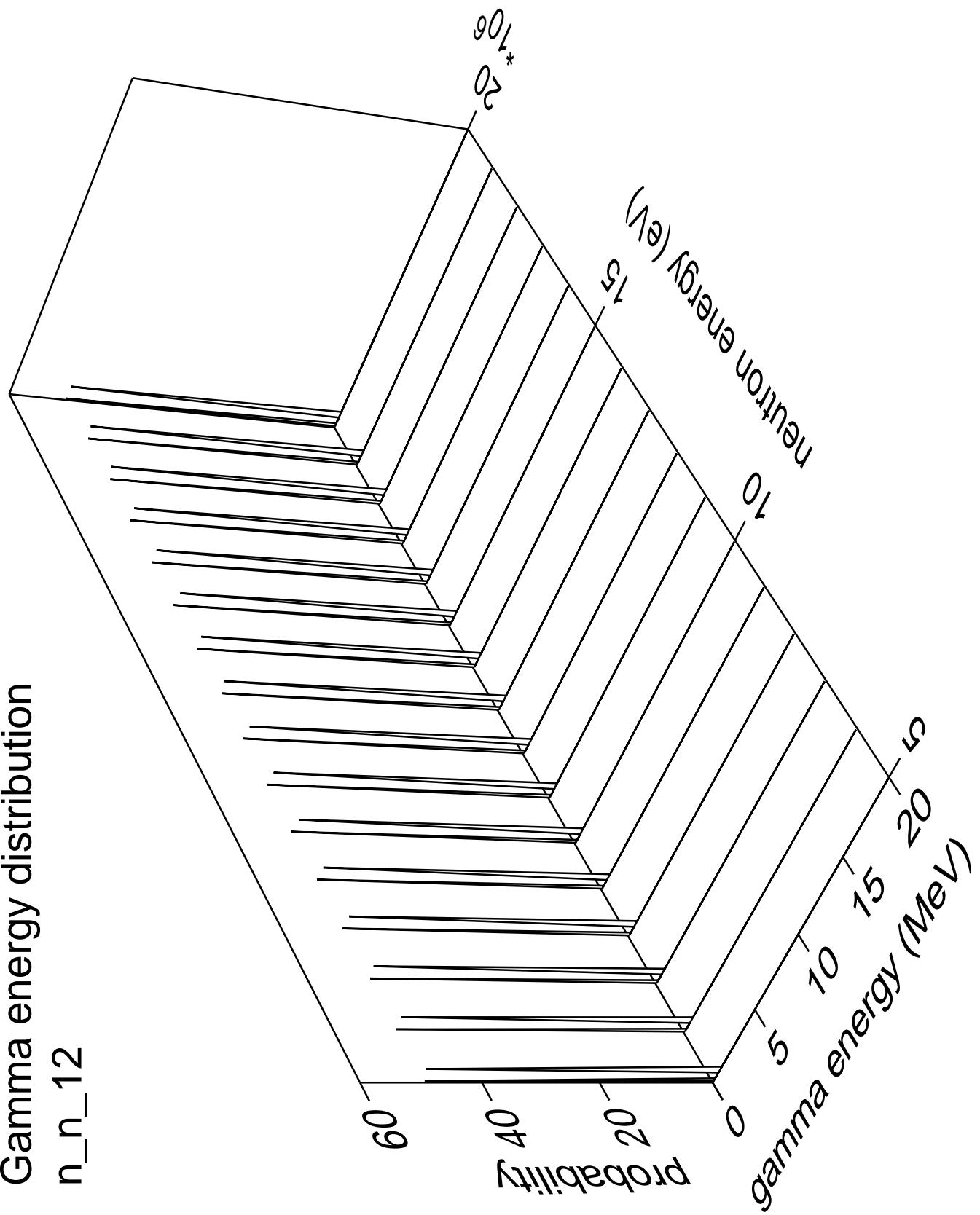
$n_{n\_11}$



## Gamma multiplicities distribution $n_n_{11}$



## Gamma energy distribution



Gamma angles distribution

$n_{n\_12}$

Probability

$10^0$

$\gamma$

$\cos(\theta)$

$1.0$

$0.5$

$0.0$

$-0.5$

$-1.0$

Neutron energy ( $eV$ )

$10^6$

$10^5$

$10^4$

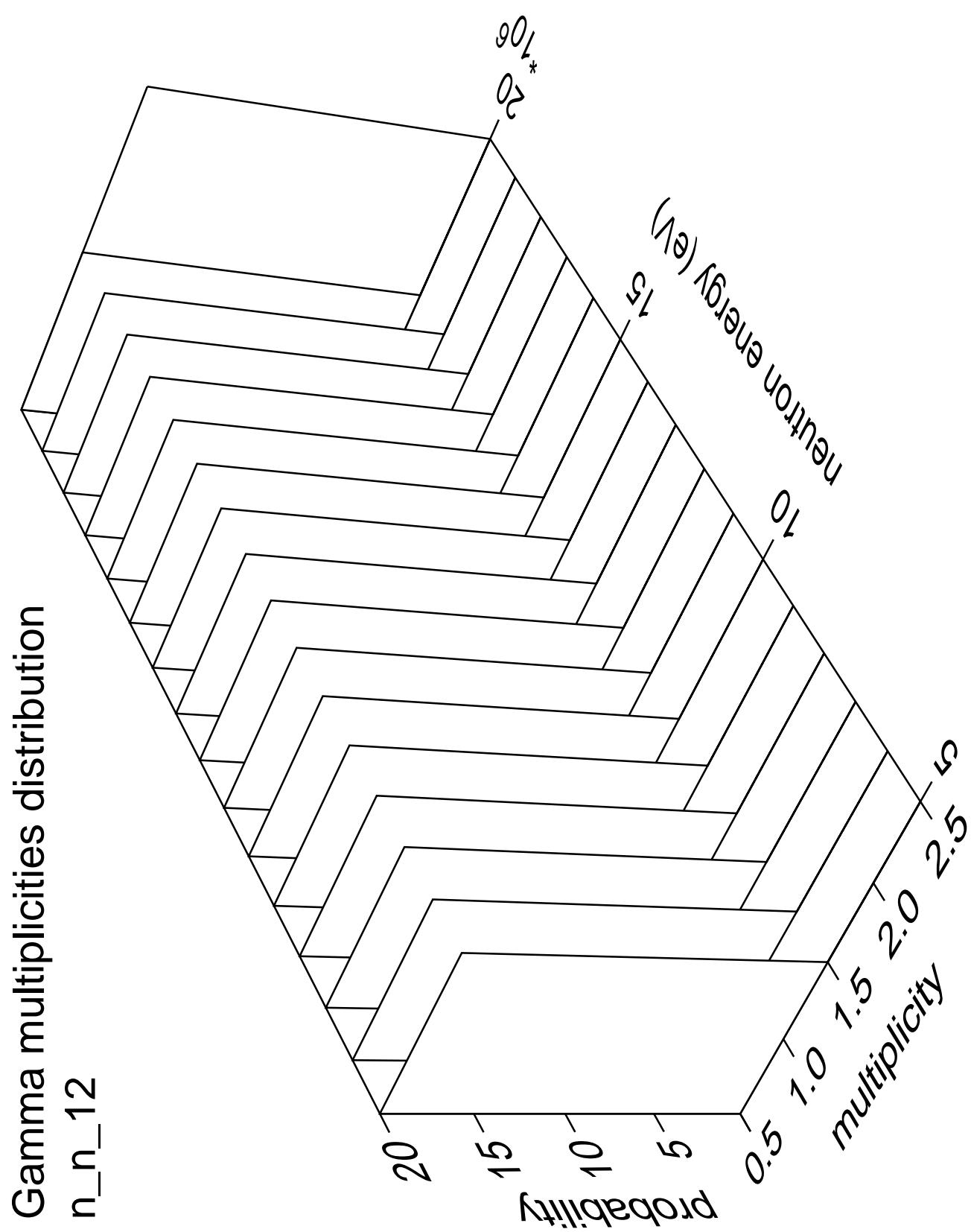
$10^3$

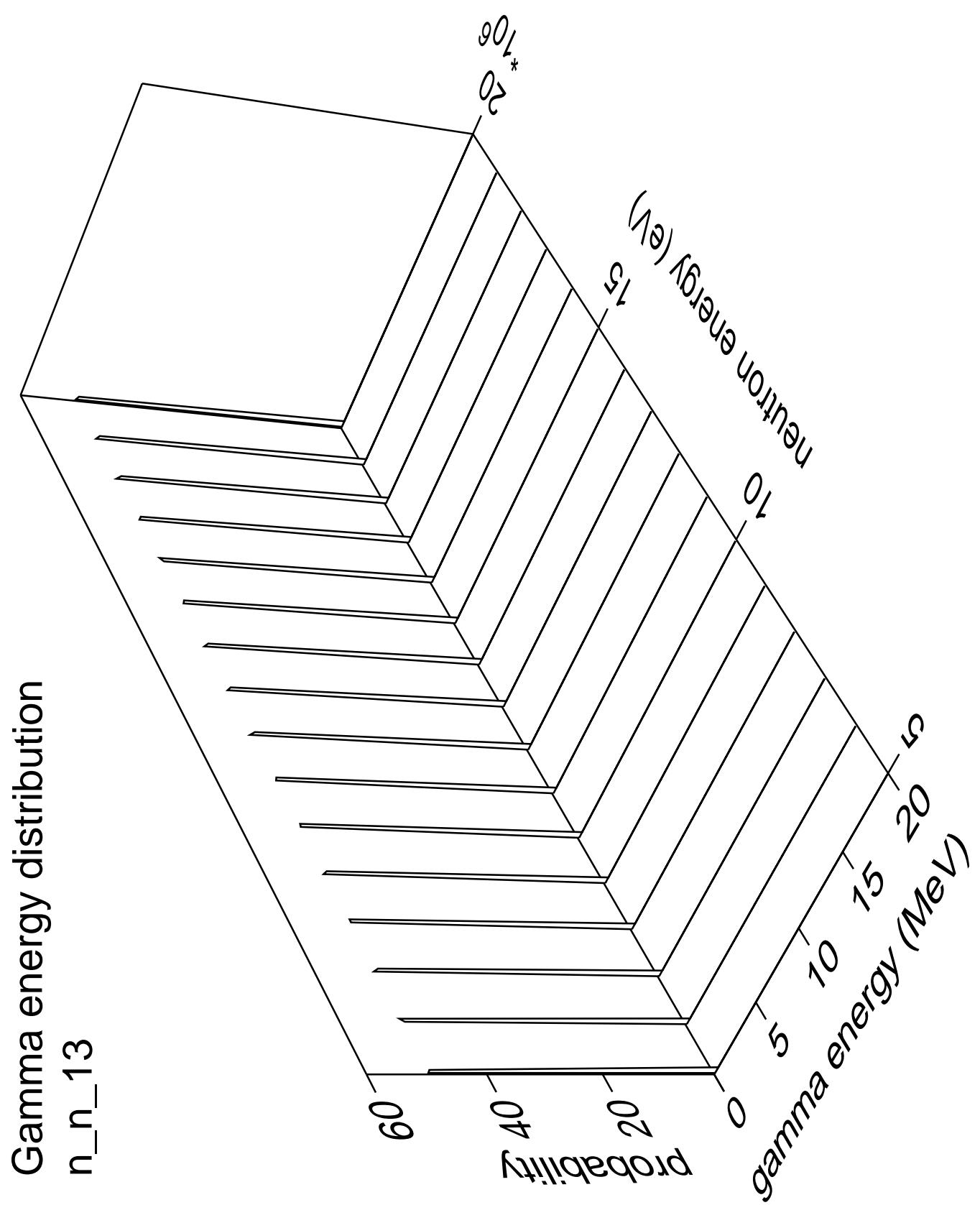
$10^2$

$10^1$

$10^0$

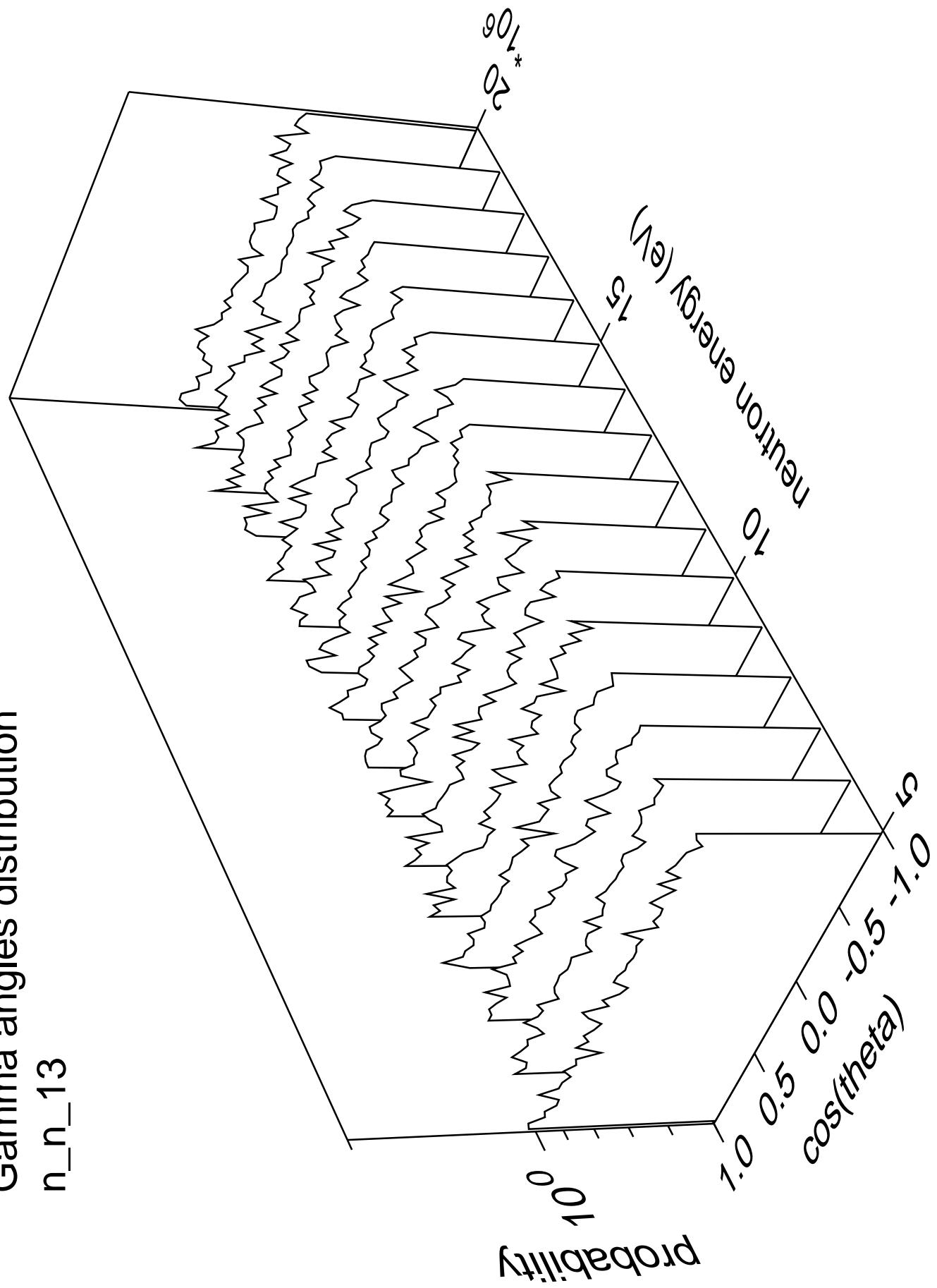
$\gamma$



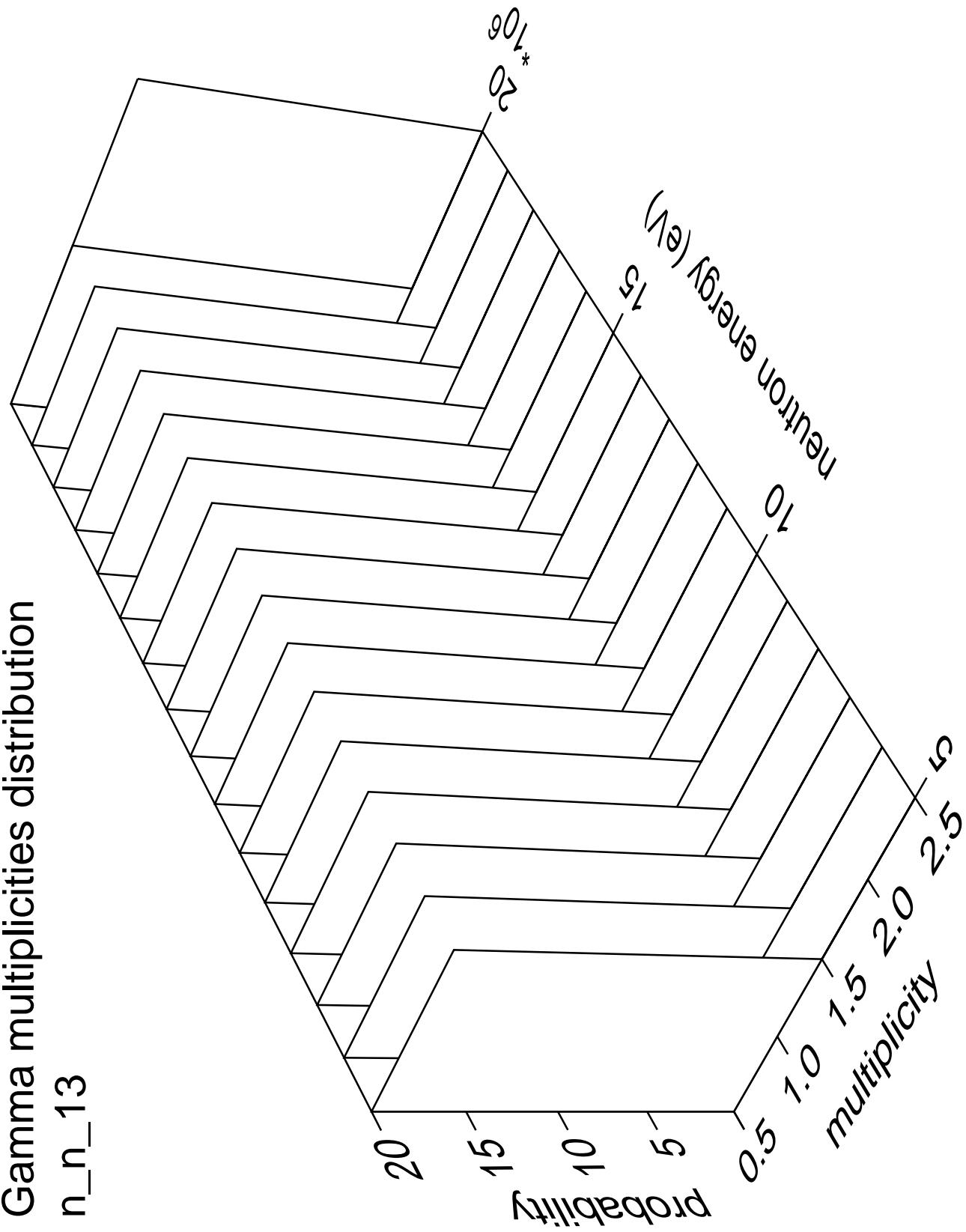


# Gamma angles distribution

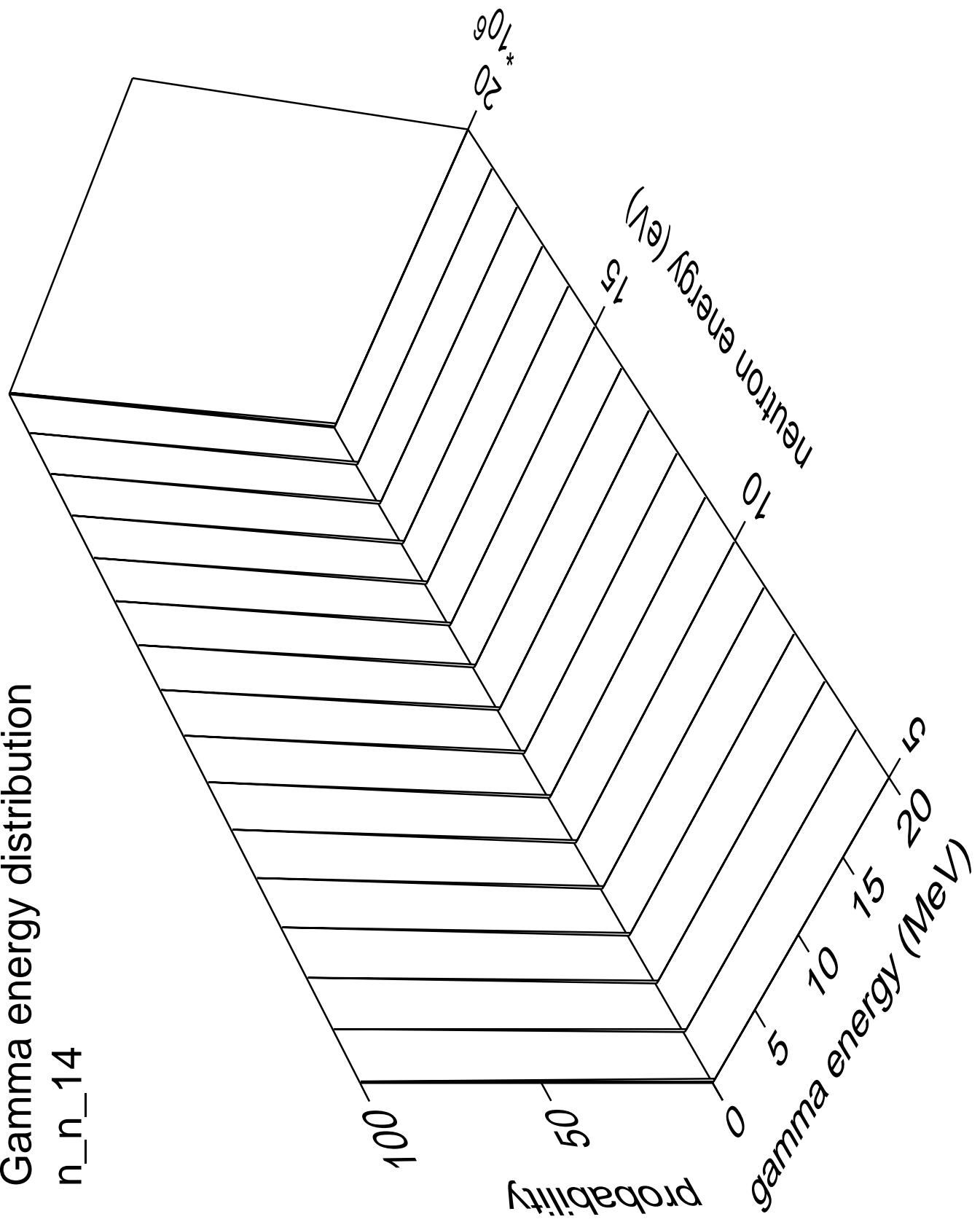
n\_n\_13



## Gamma multiplicities distribution

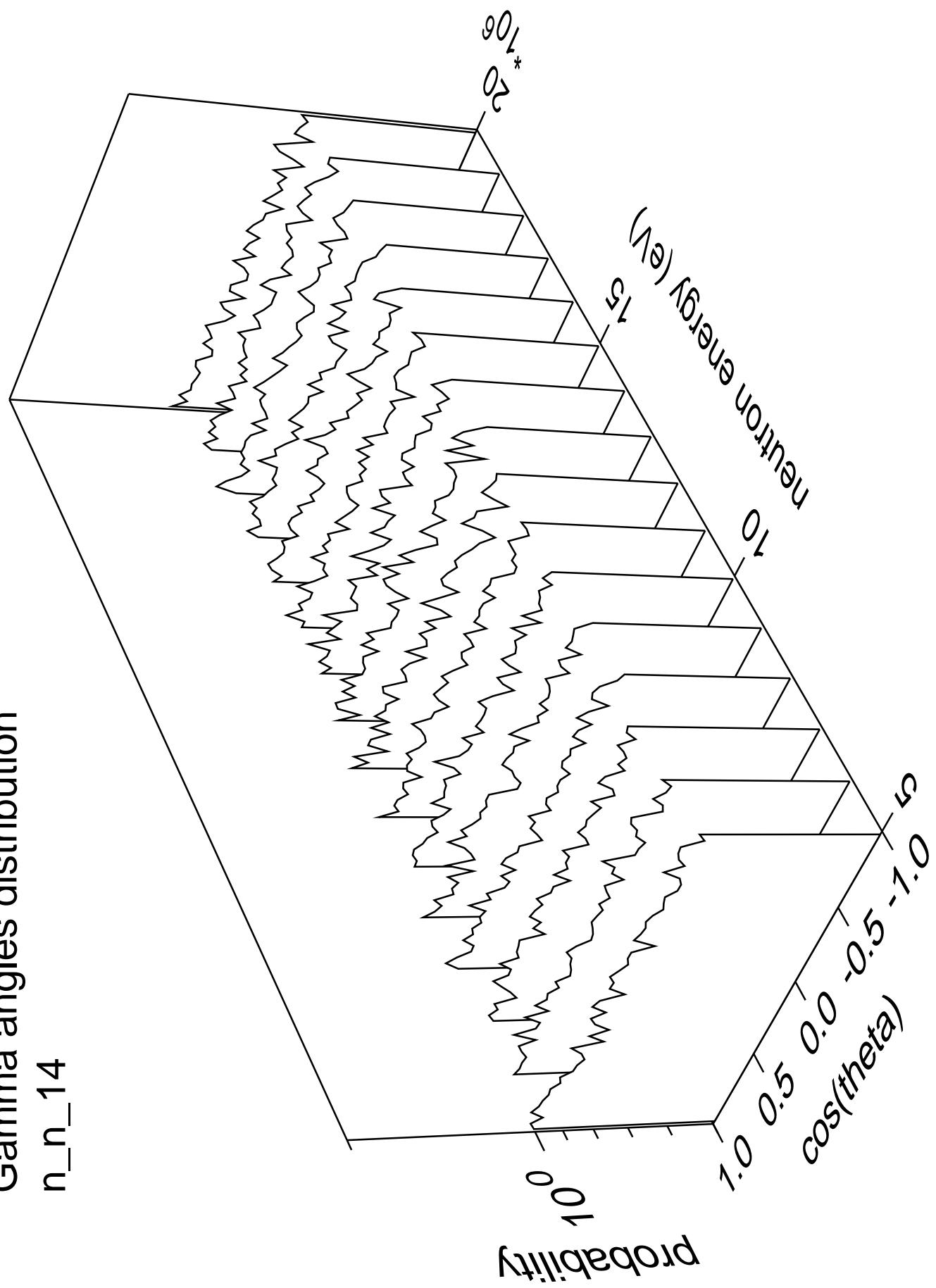


# n\_n\_14

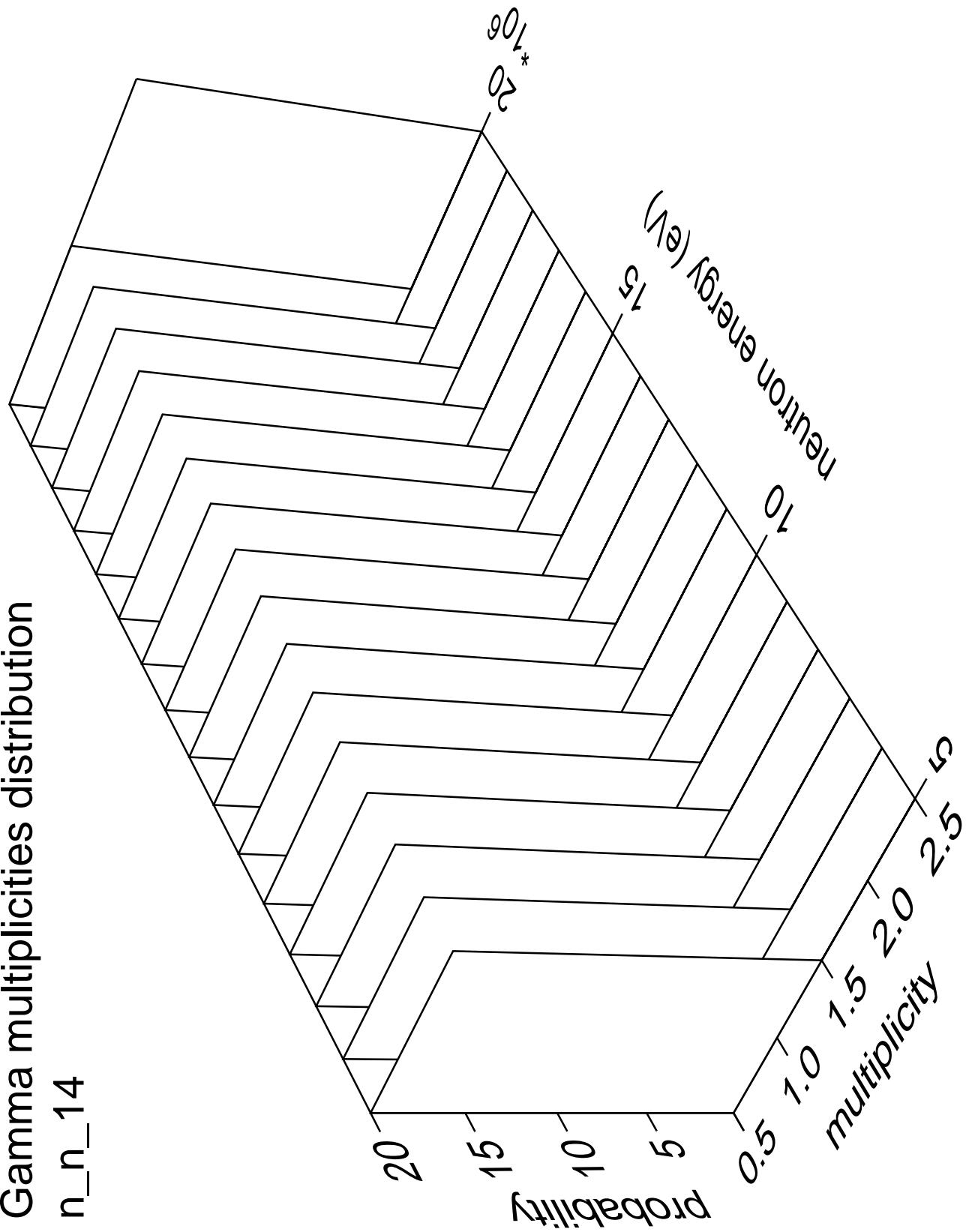


## Gamma angles distribution

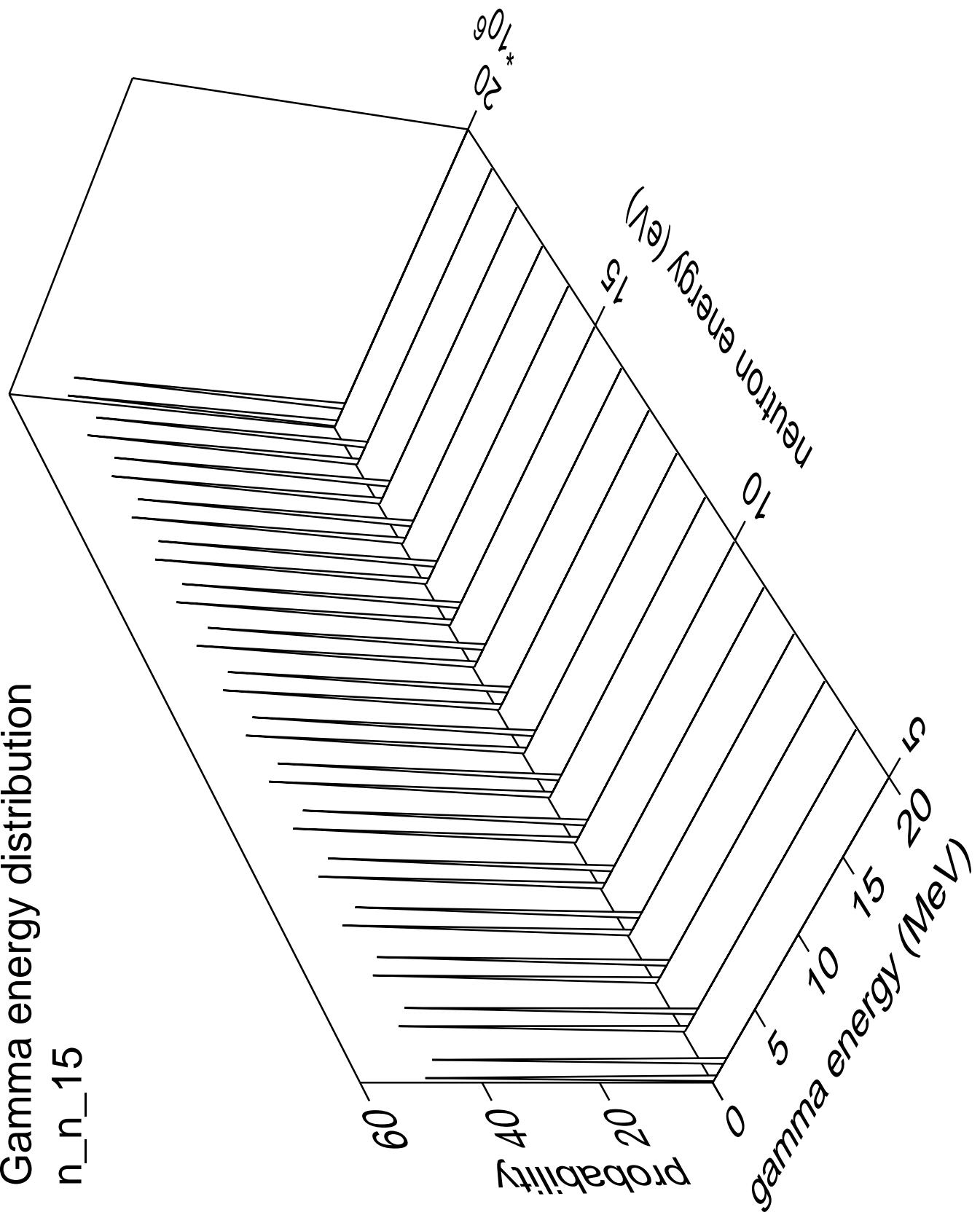
n\_n\_14



# Gamma multiplicities distribution n\_n\_14

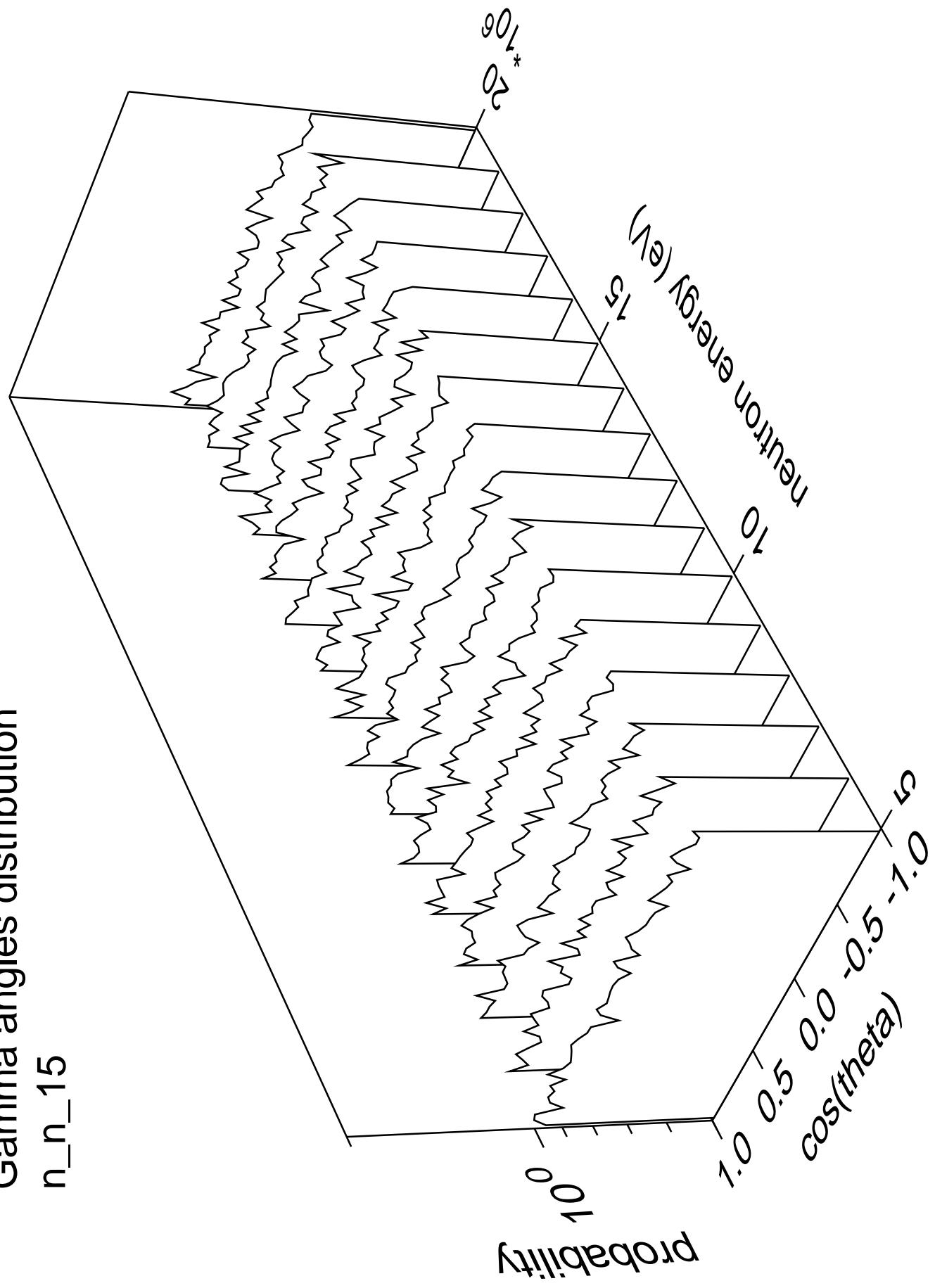


## Gamma energy distribution

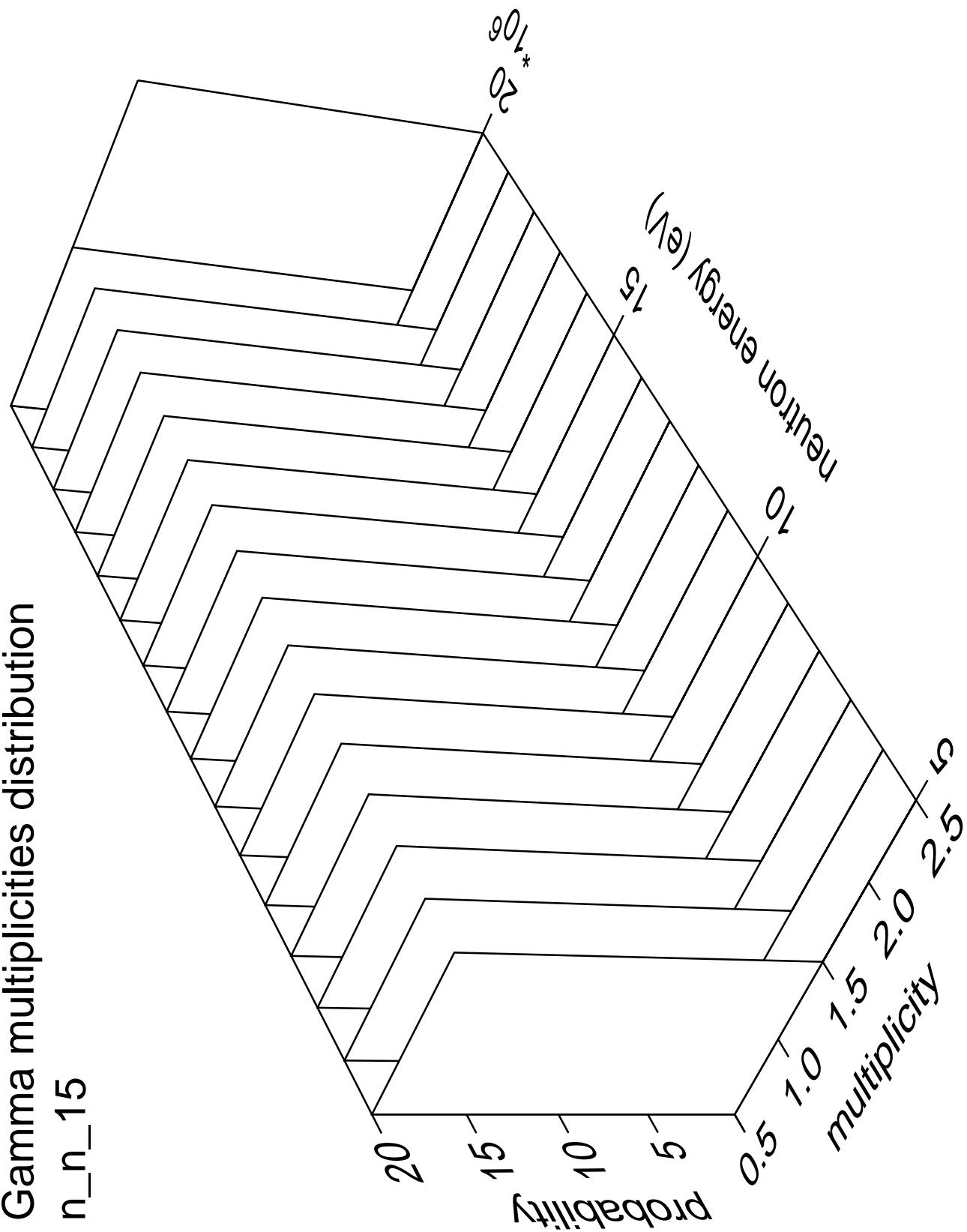


# Gamma angles distribution

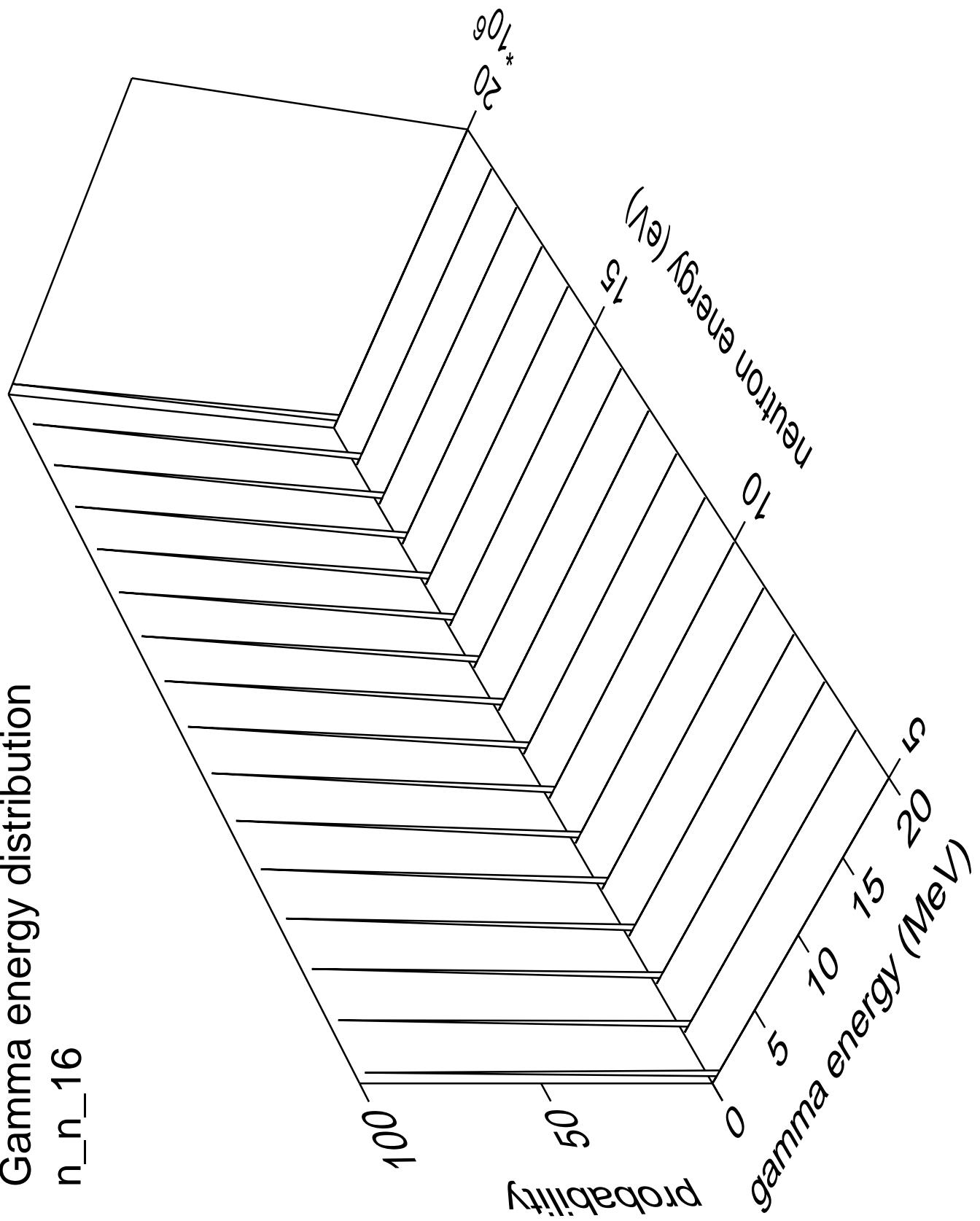
n\_n\_15



## Gamma multiplicities distribution

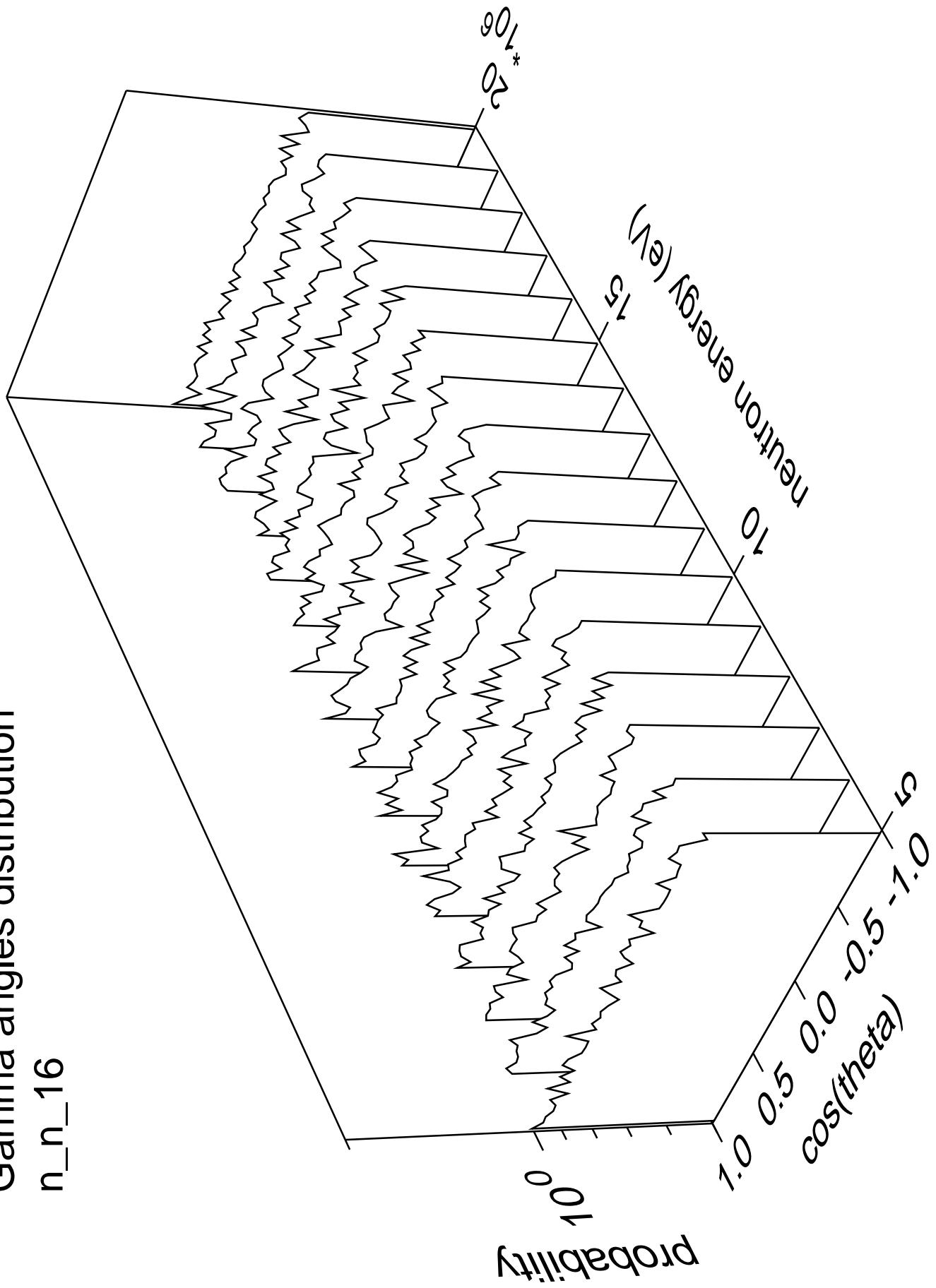


# Gamma energy distribution n\_n\_16

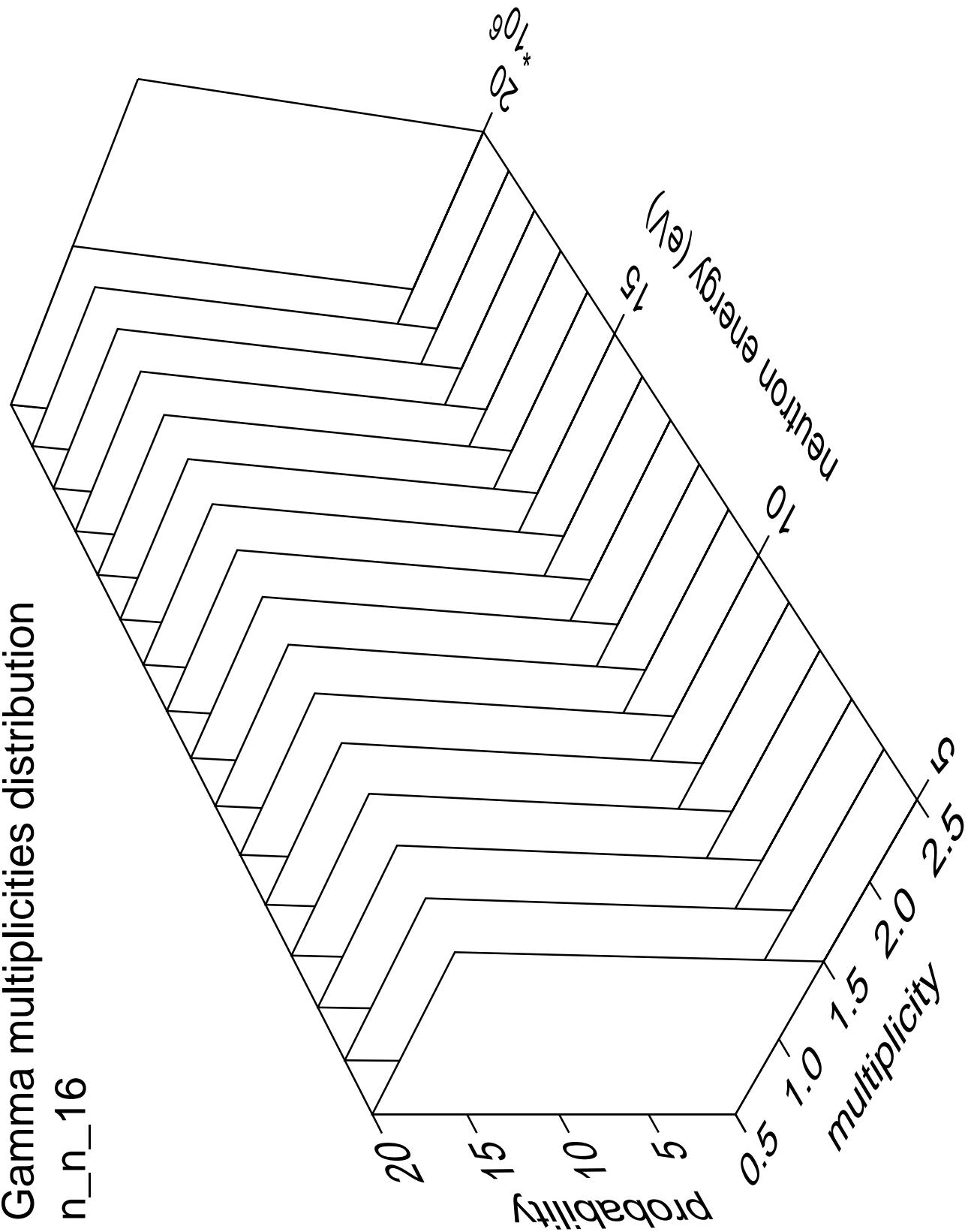


# Gamma angles distribution

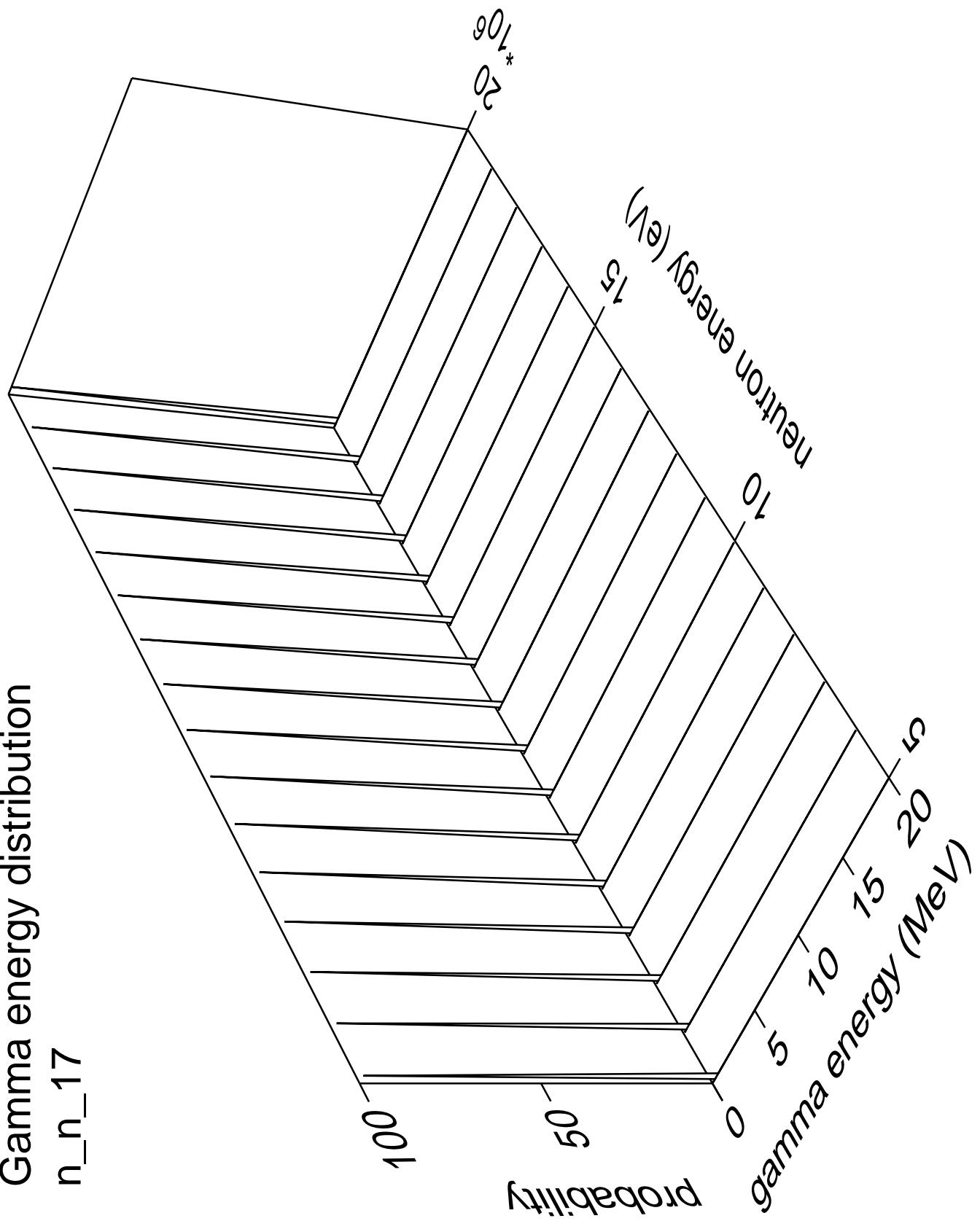
n\_n\_16



## Gamma multiplicities distribution

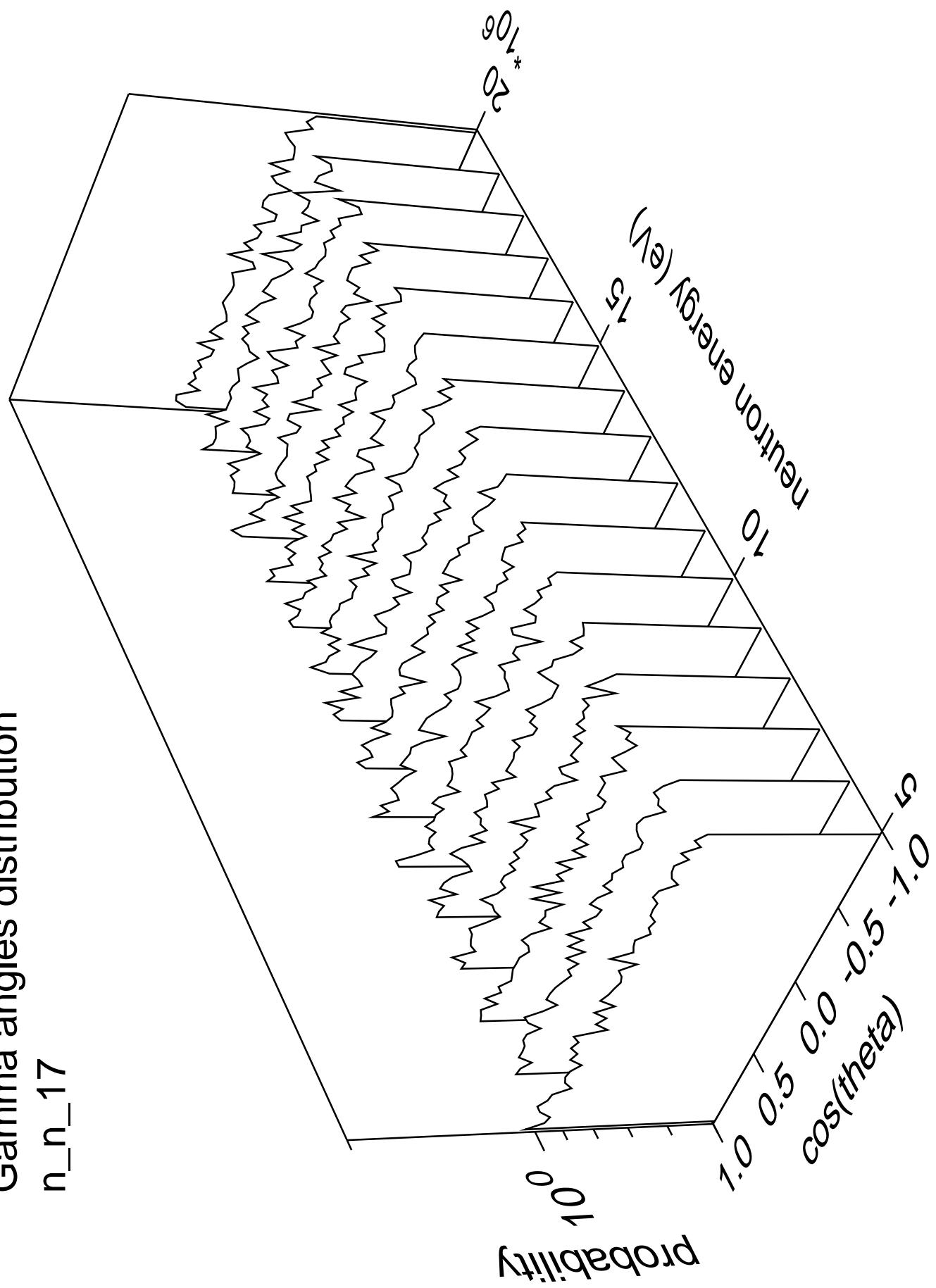


# Gamma energy distribution n\_n\_17

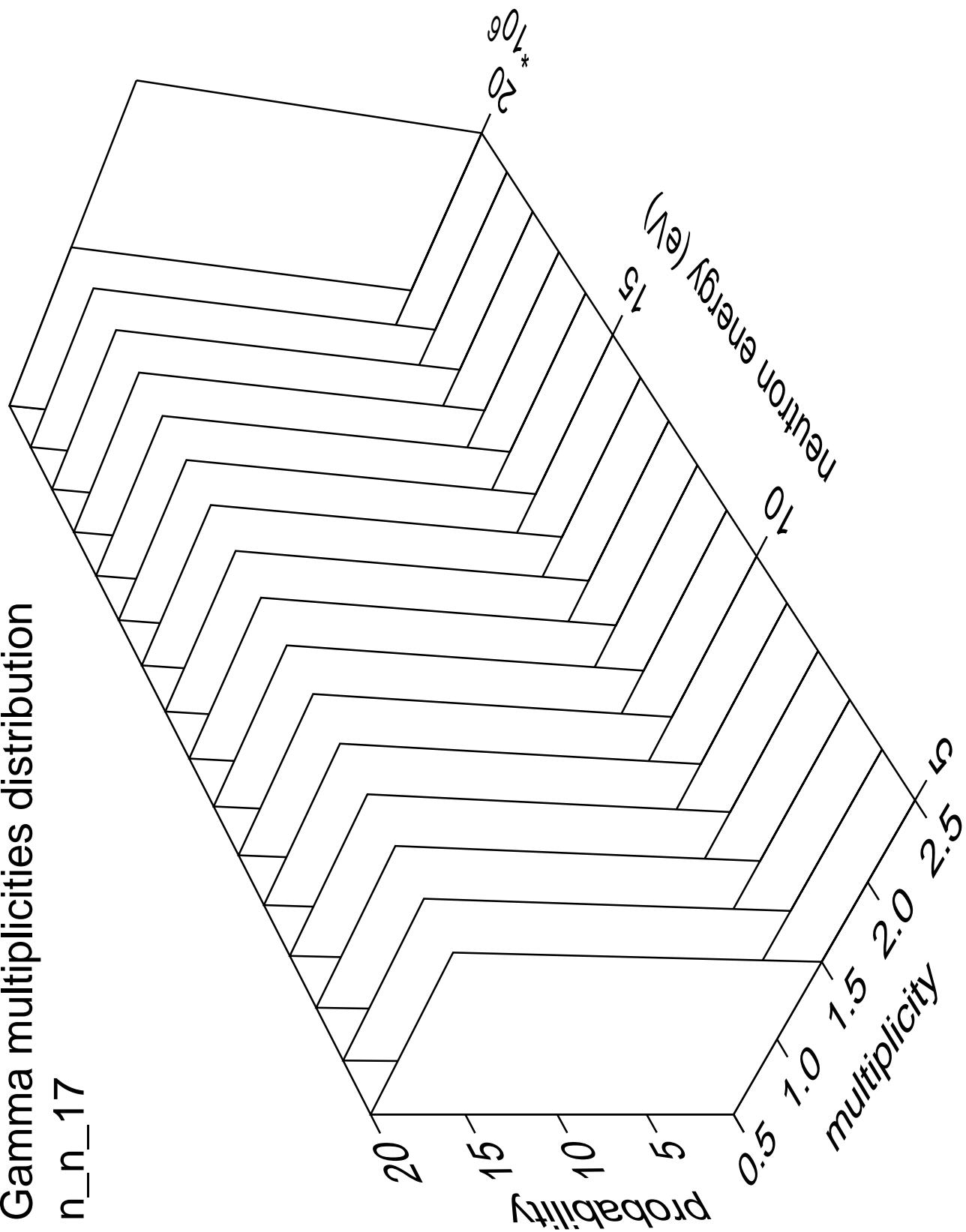


# Gamma angles distribution

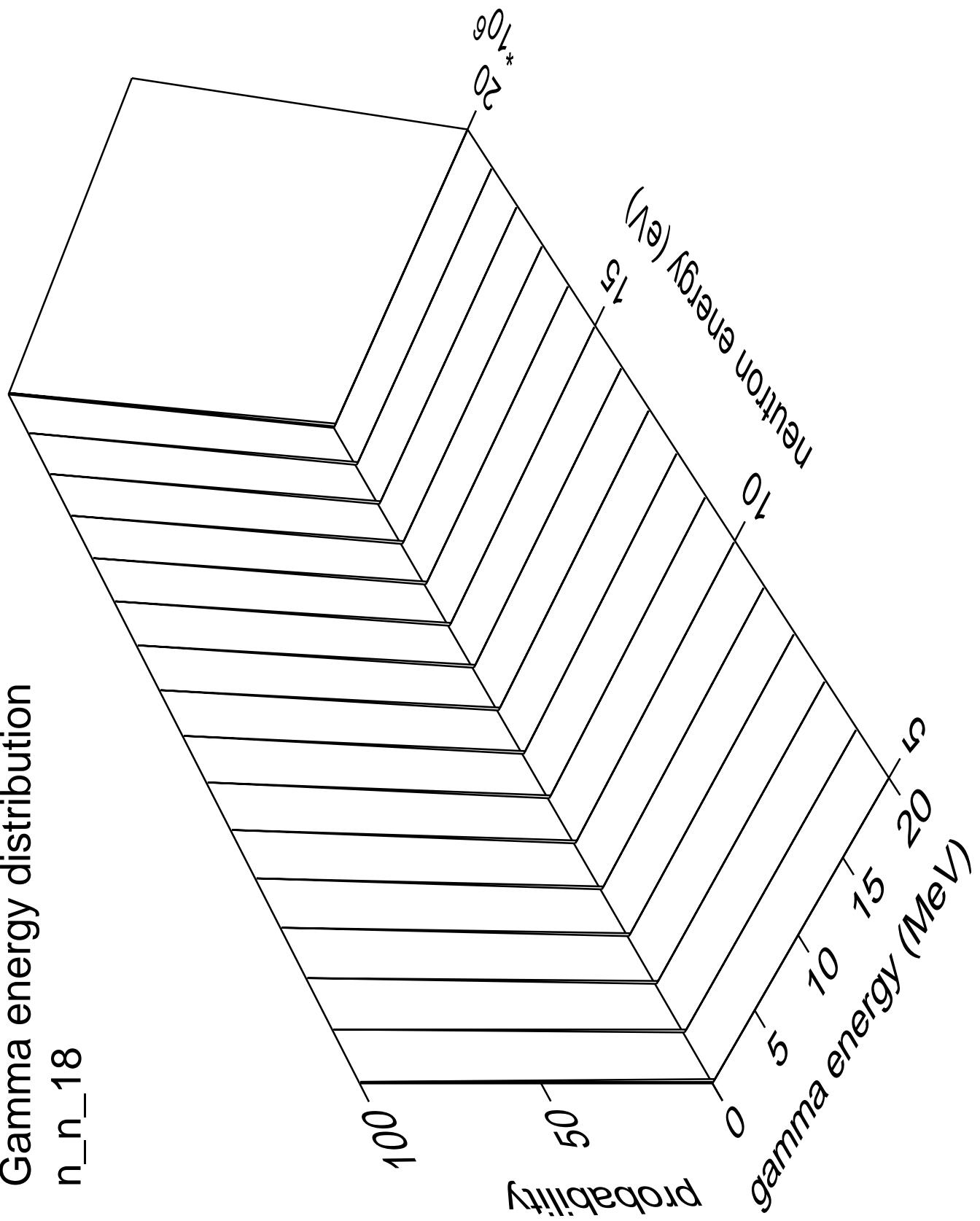
n\_n\_17



# Gamma multiplicities distribution n\_n\_17

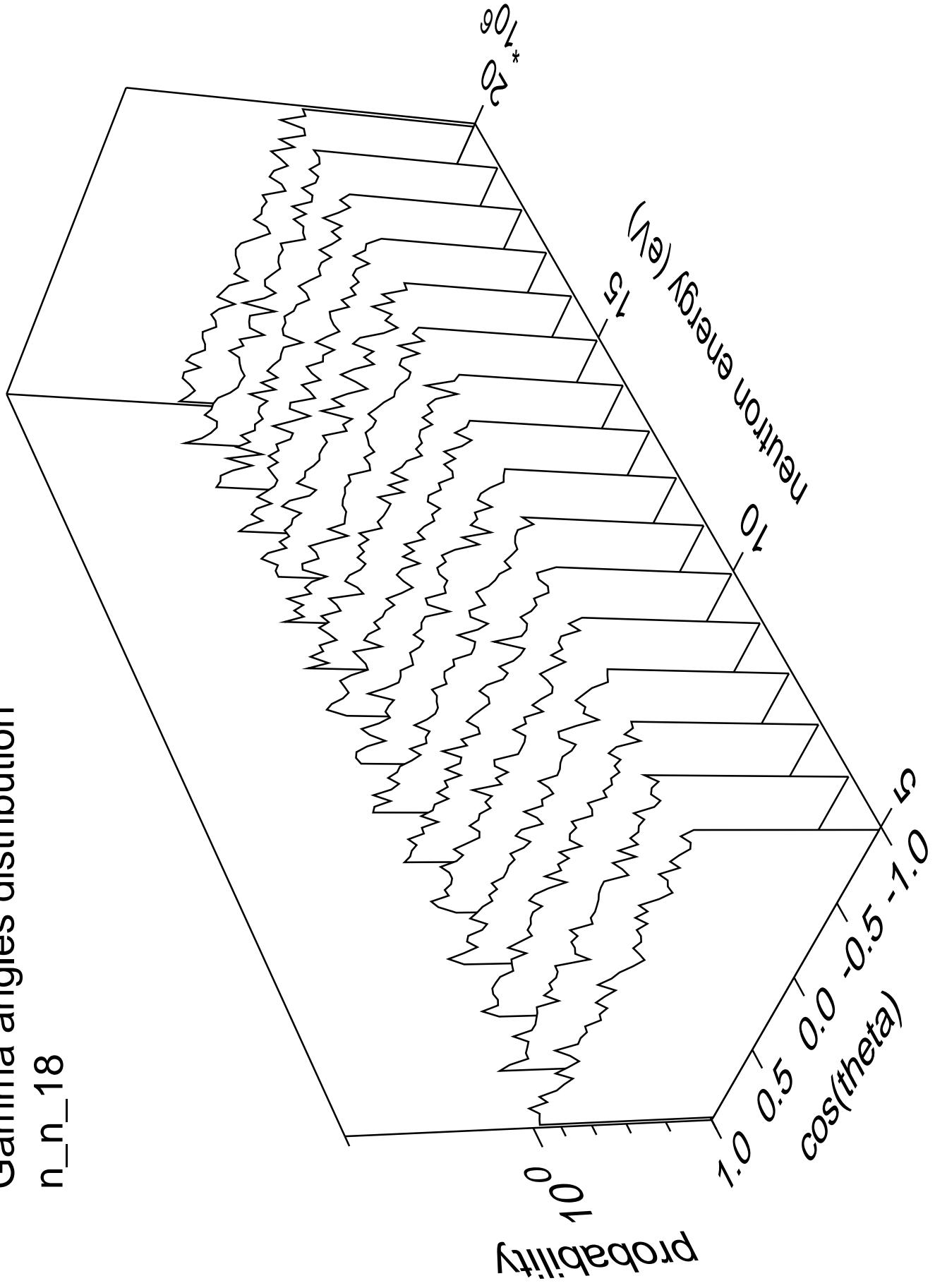


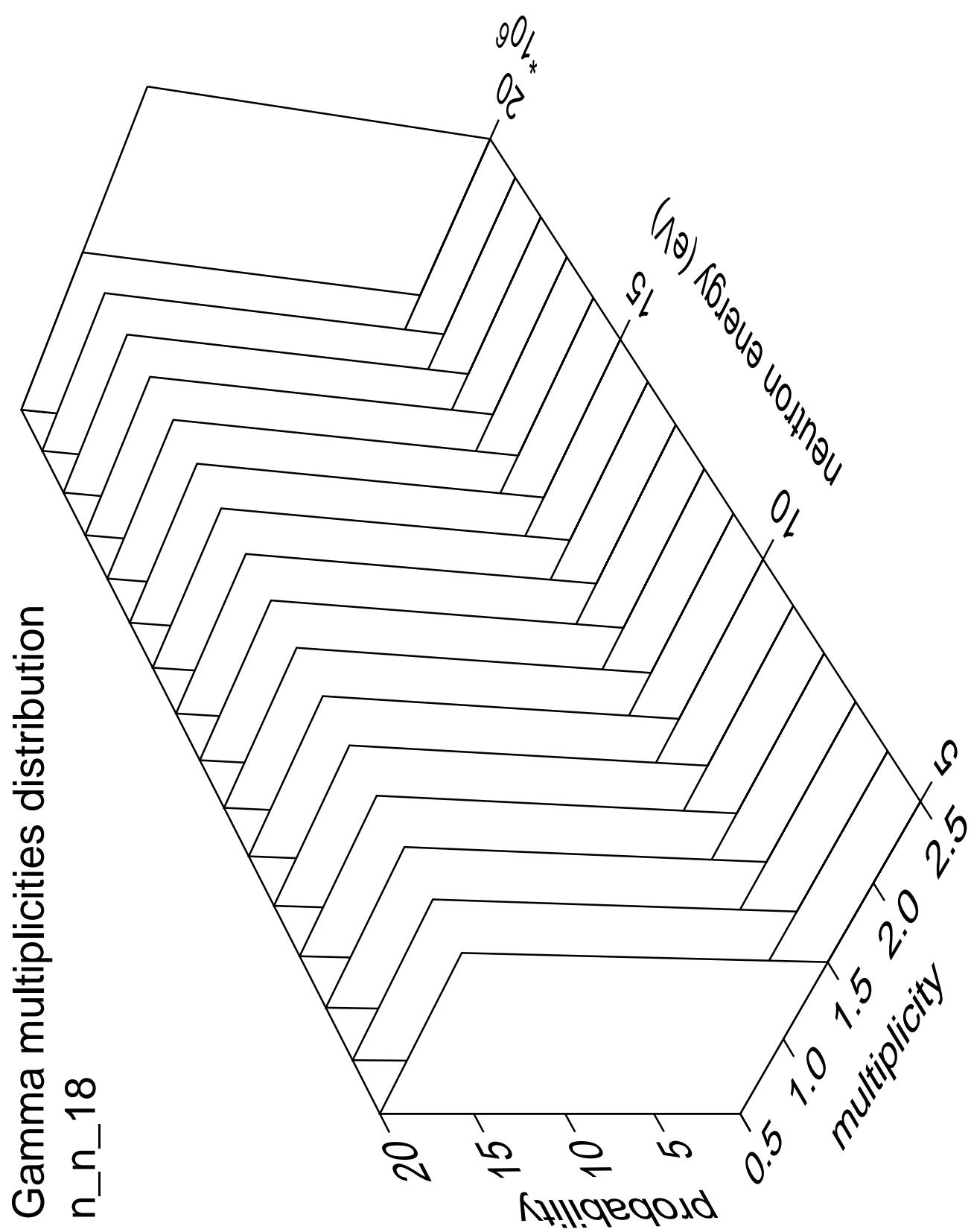
# n\_n\_18



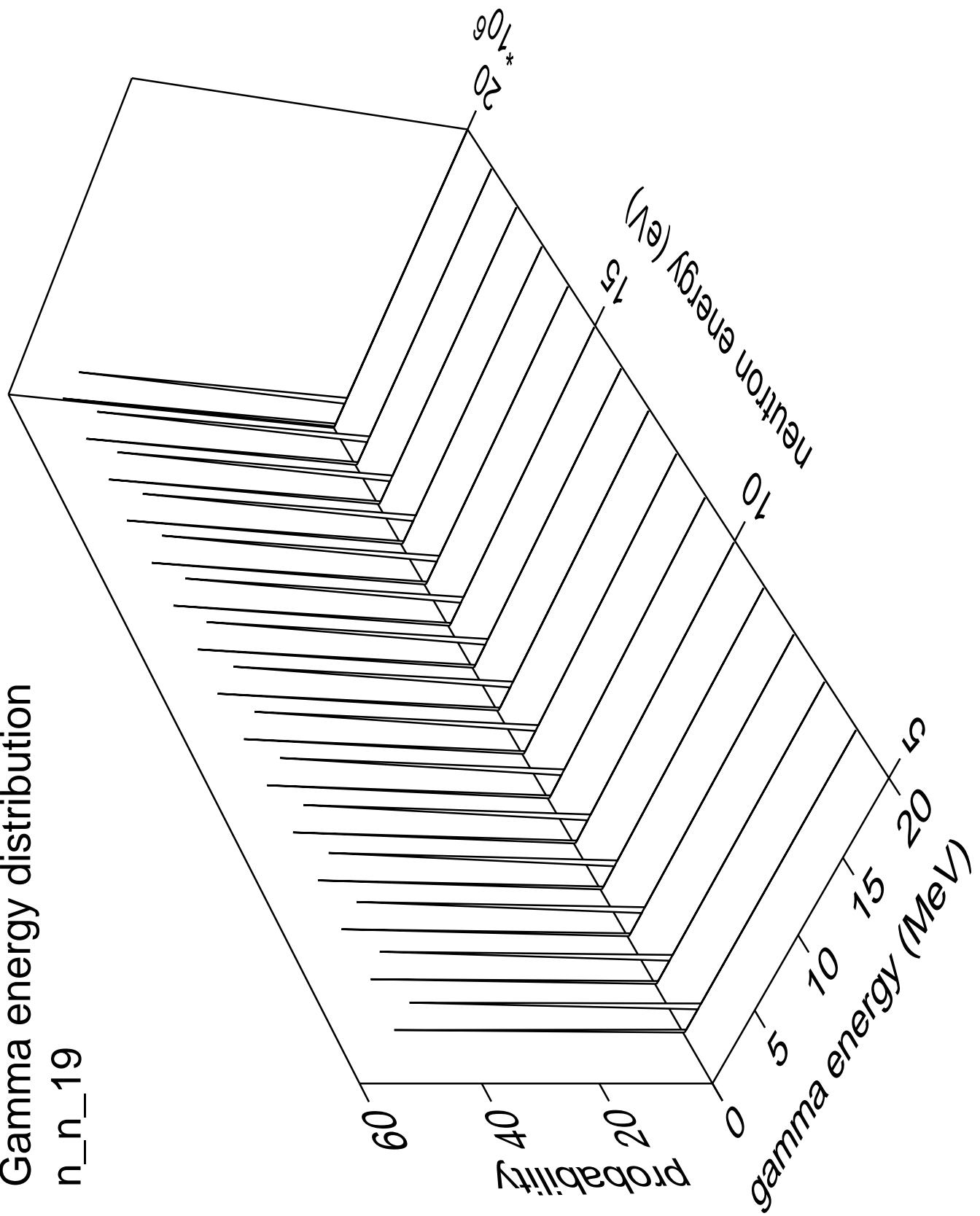
# Gamma angles distribution

n\_n\_18



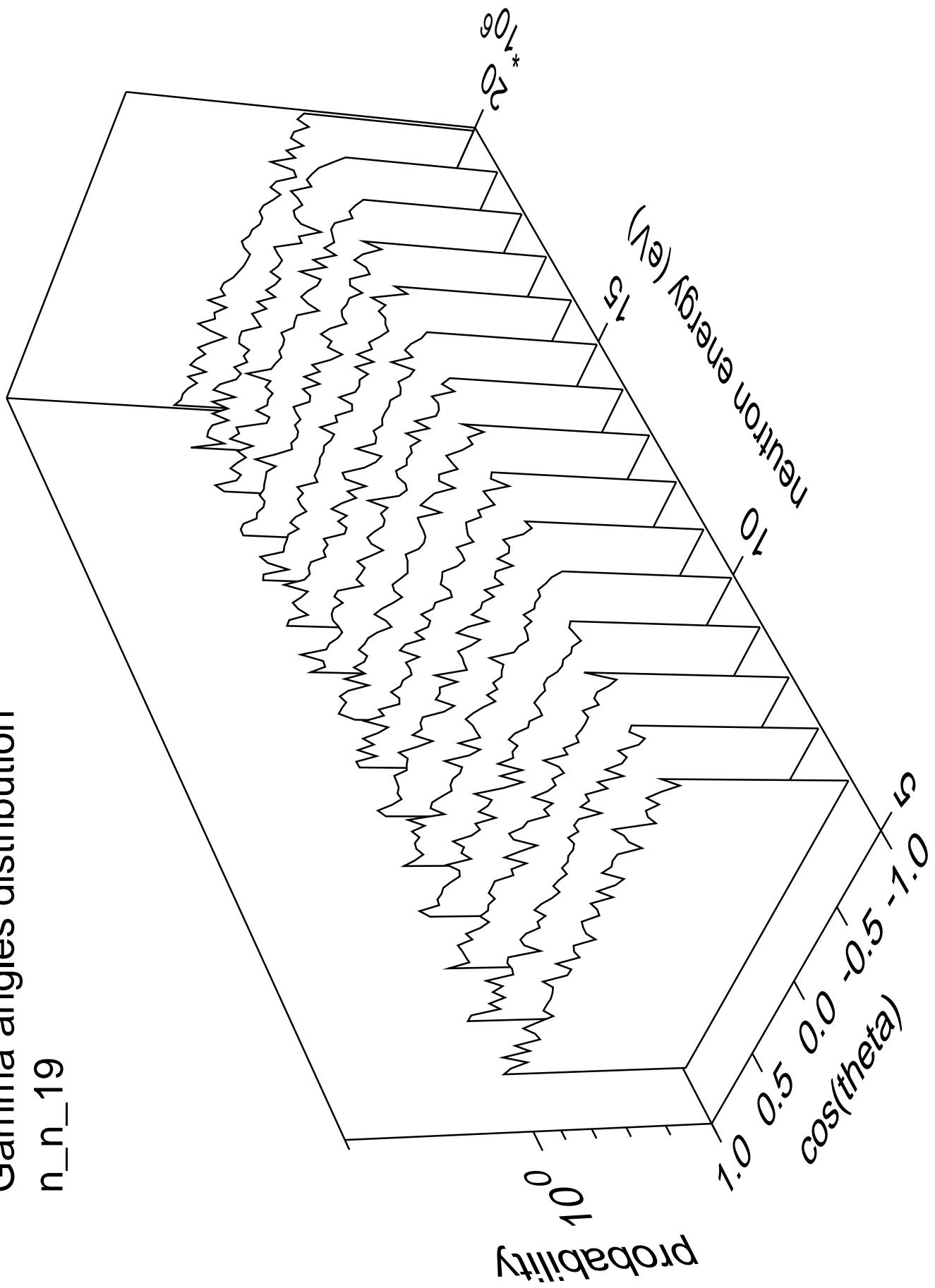


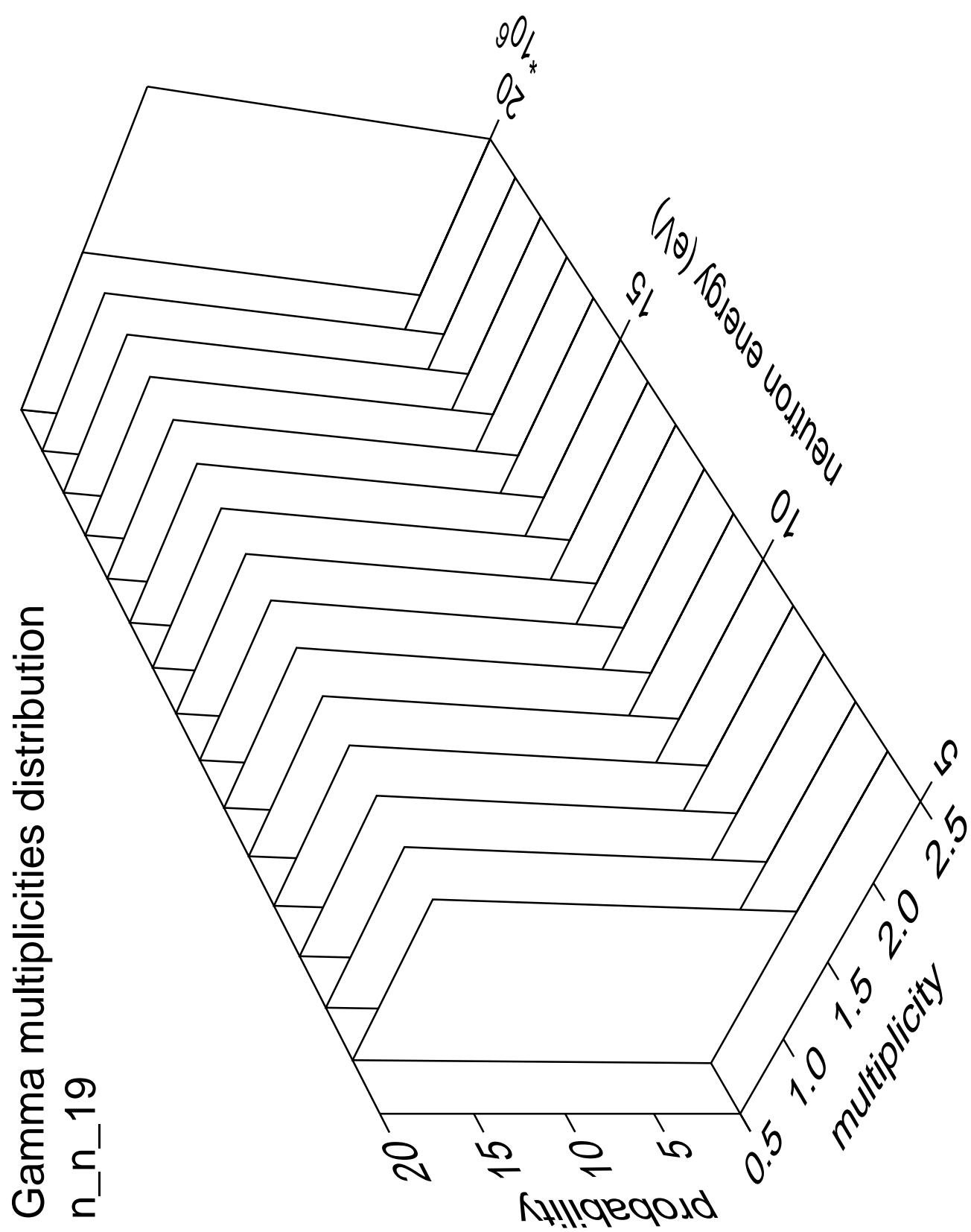
# Gamma energy distribution



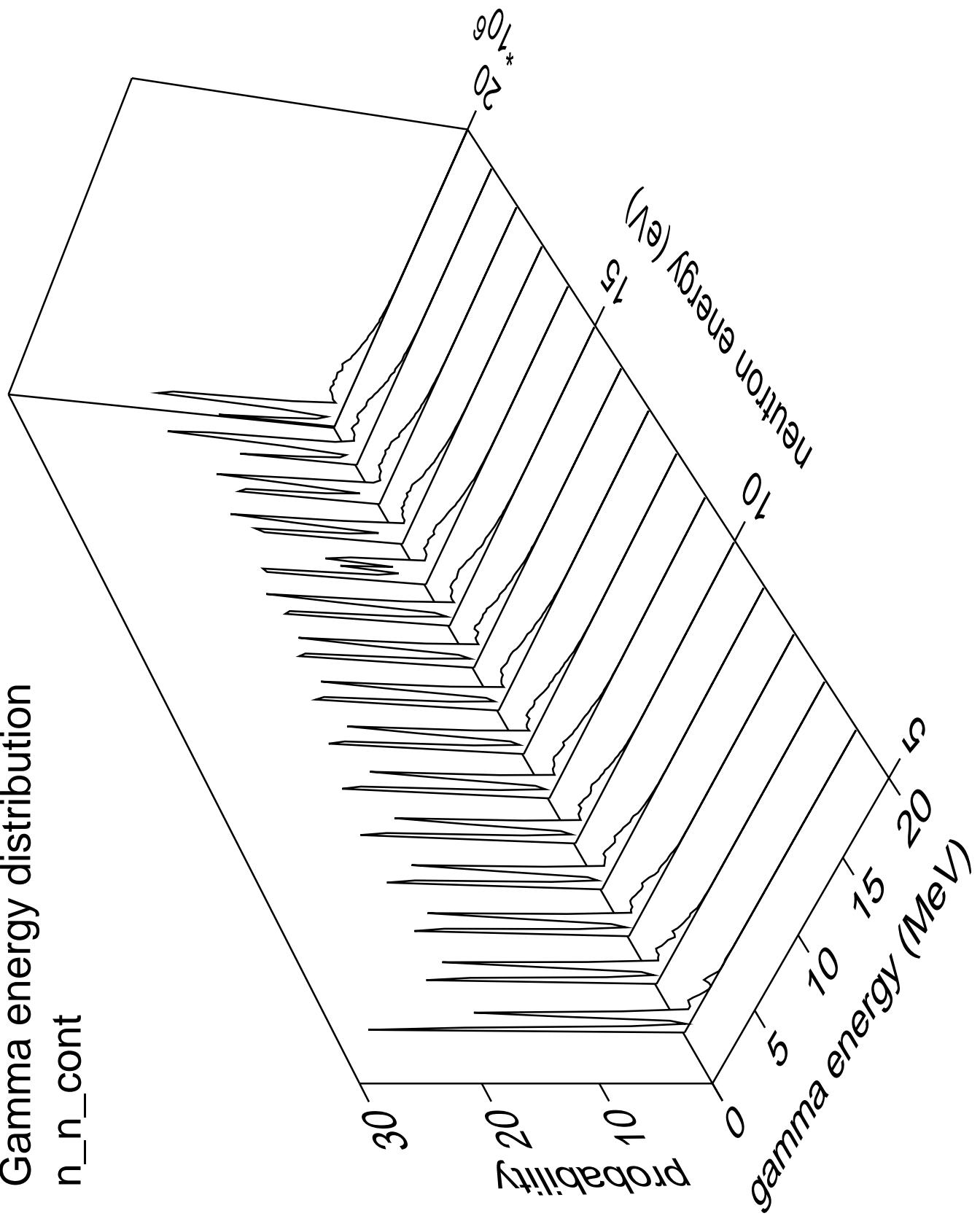
Gamma angles distribution

n\_n\_19



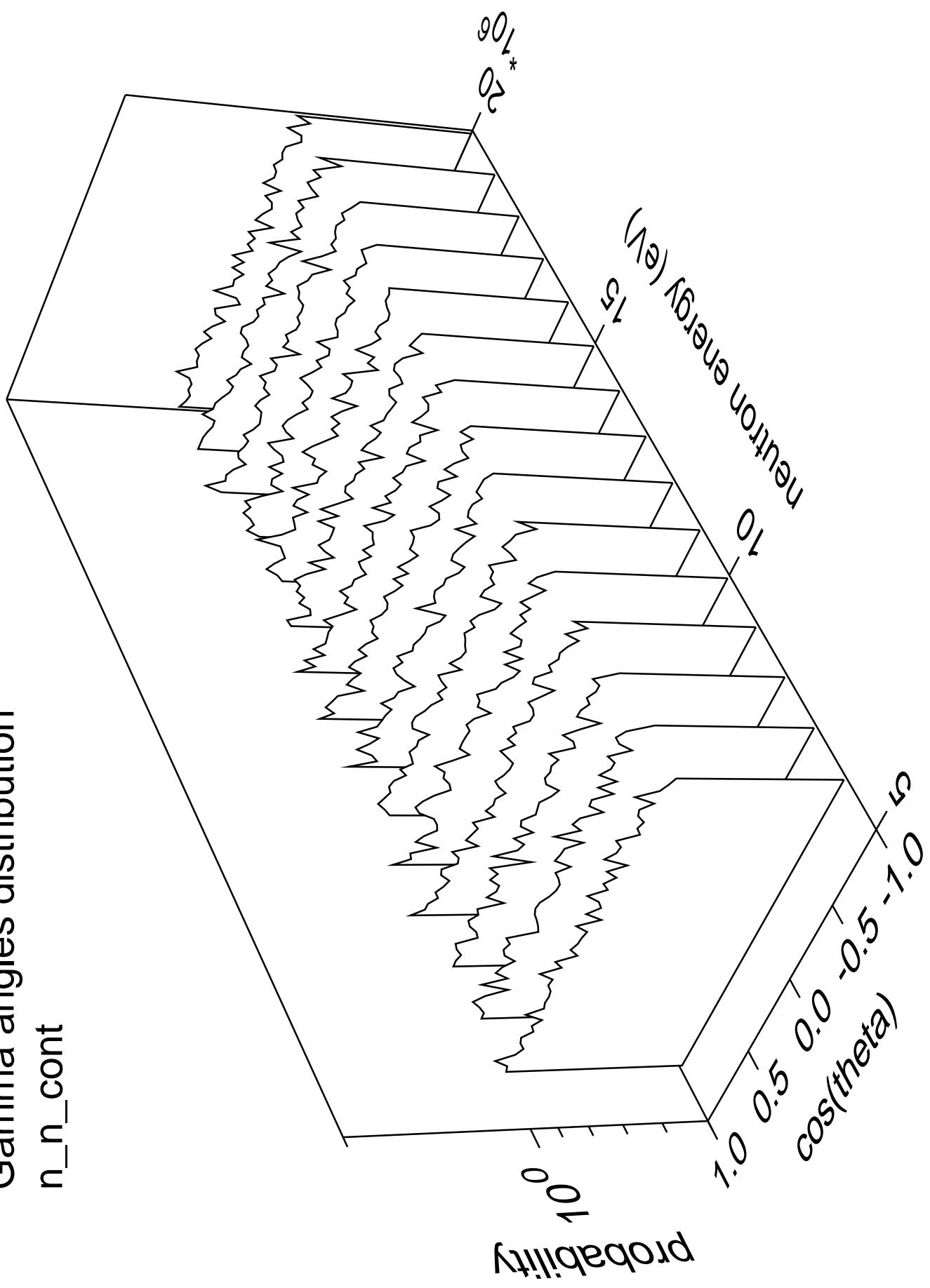


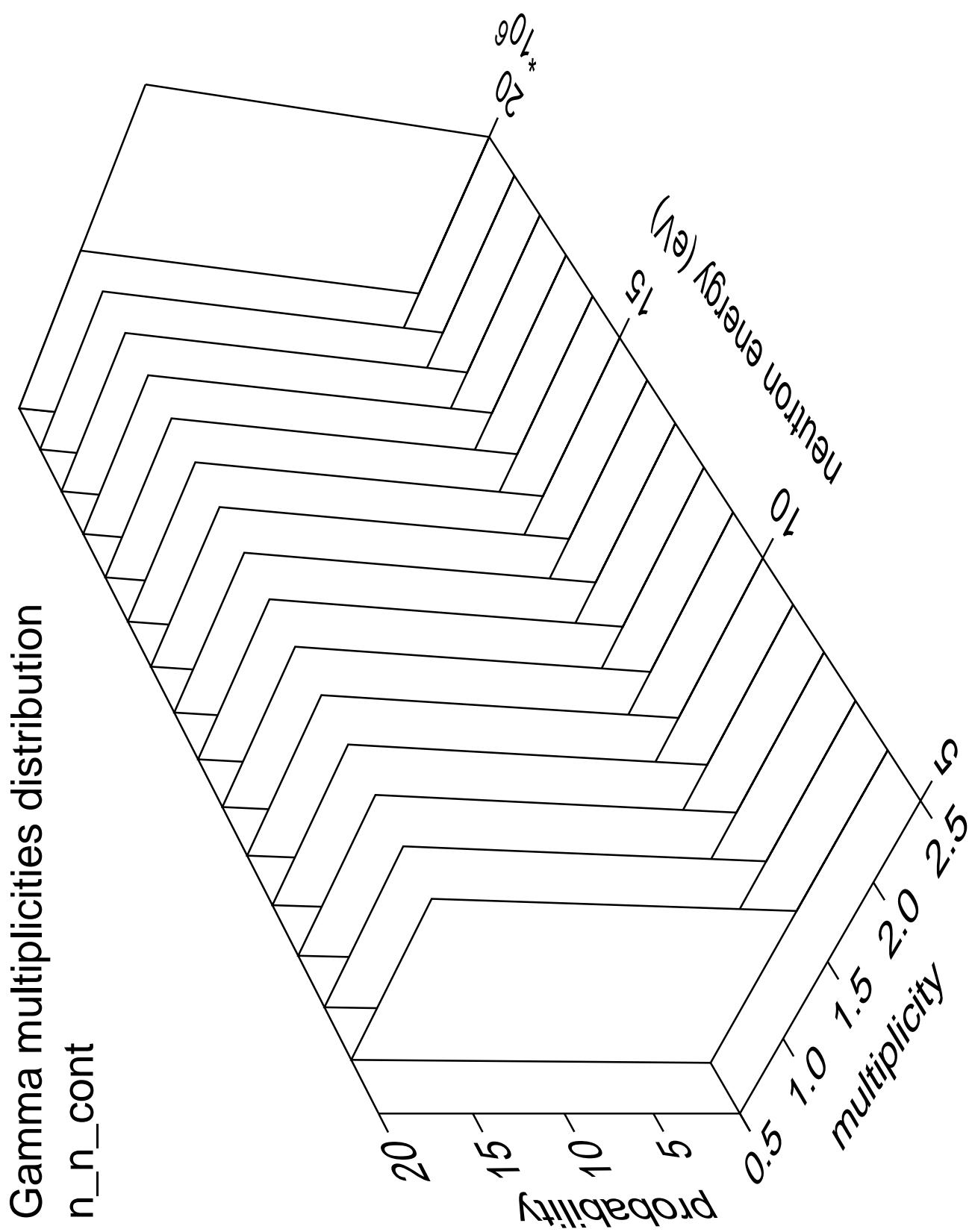
# Gamma energy distribution n\_n\_cont

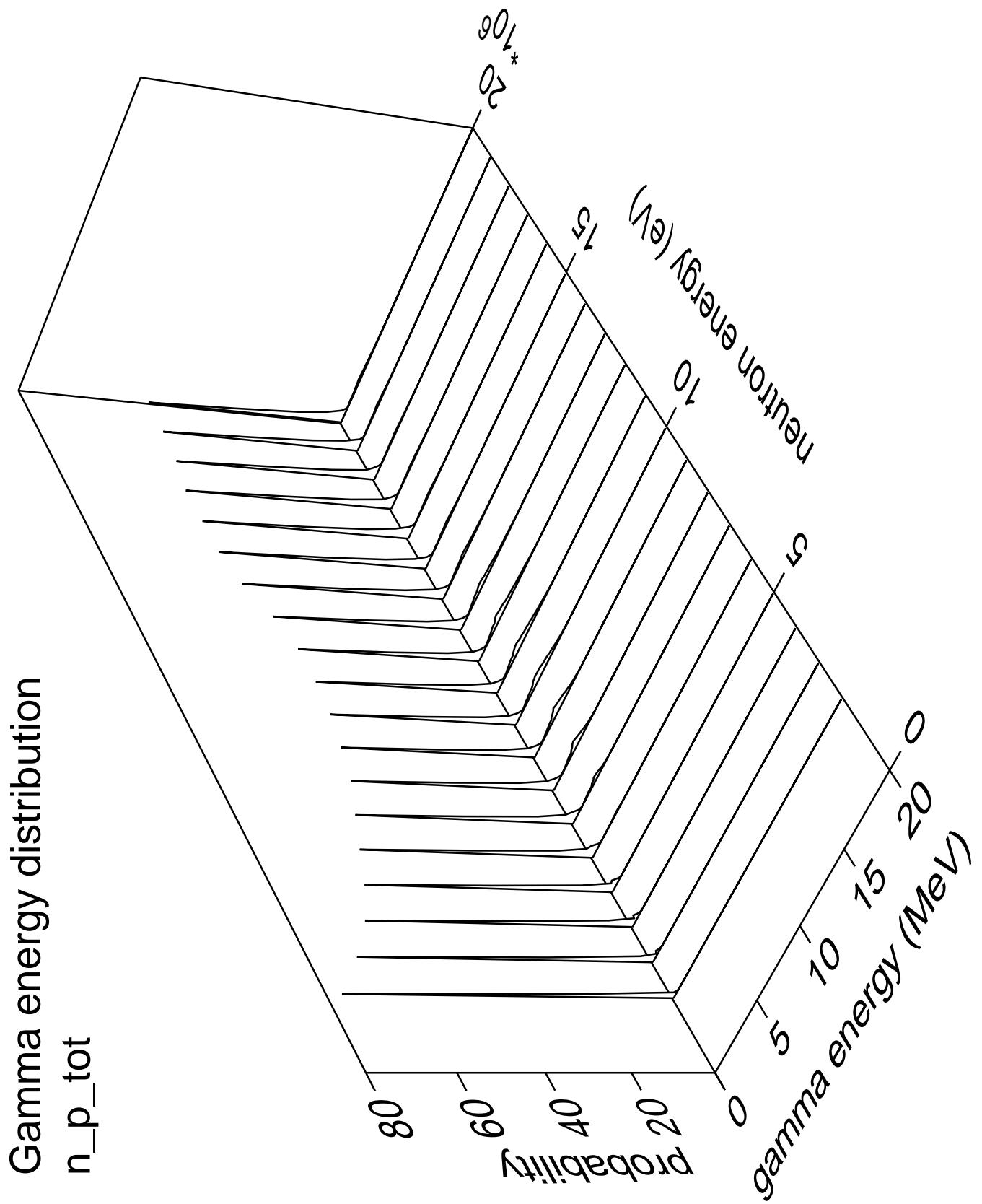


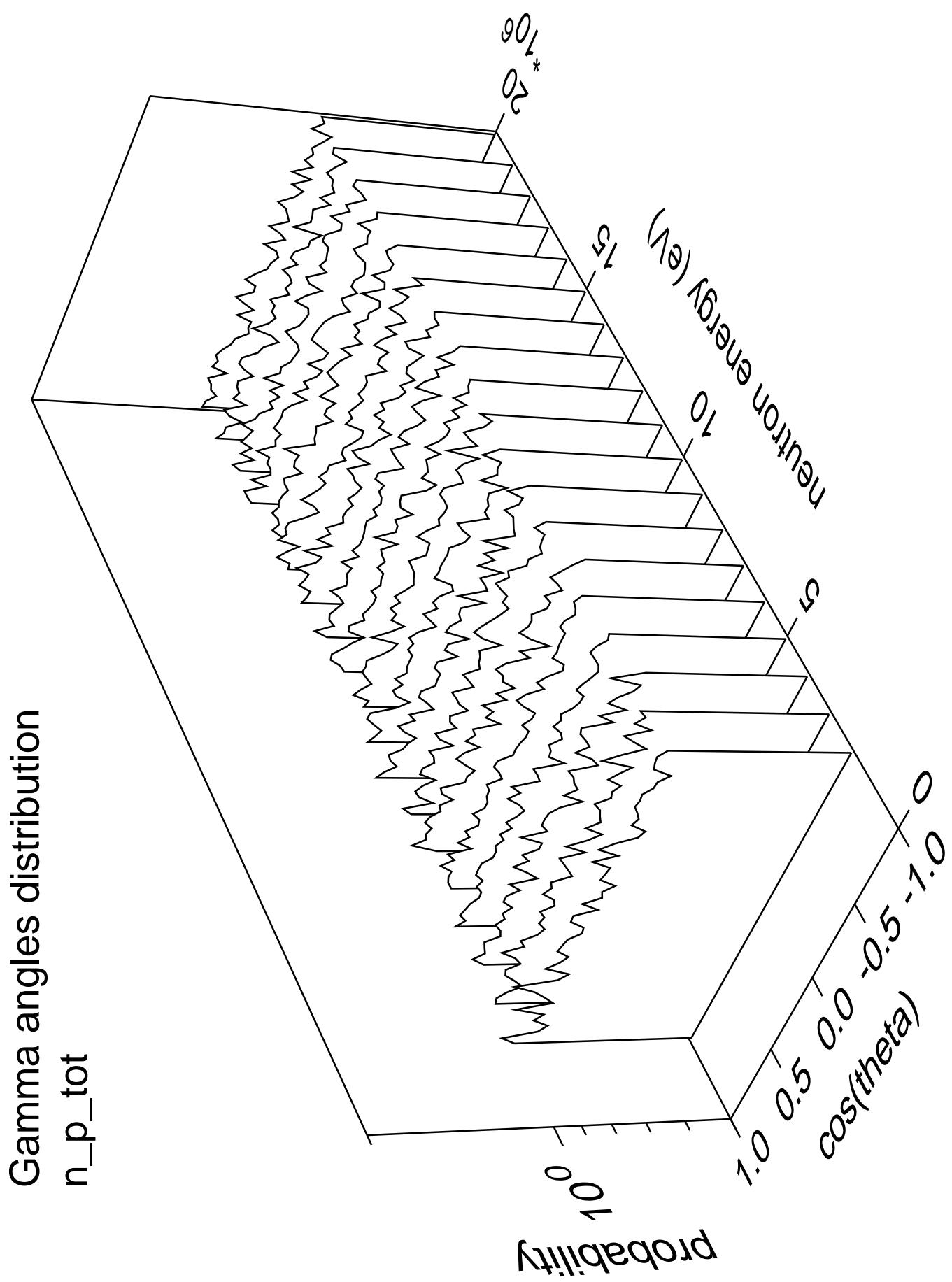
Gamma angles distribution

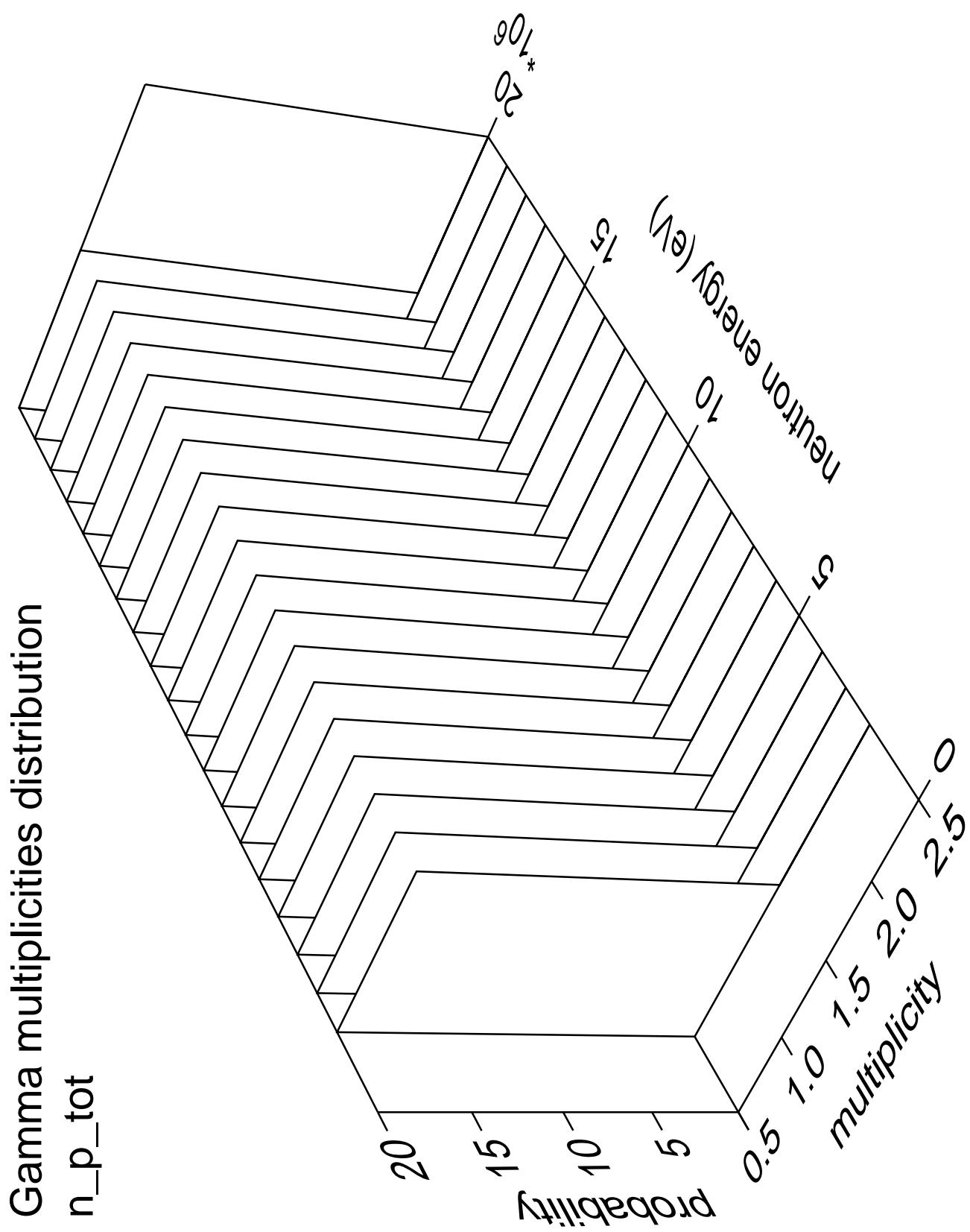
n\_n\_cont

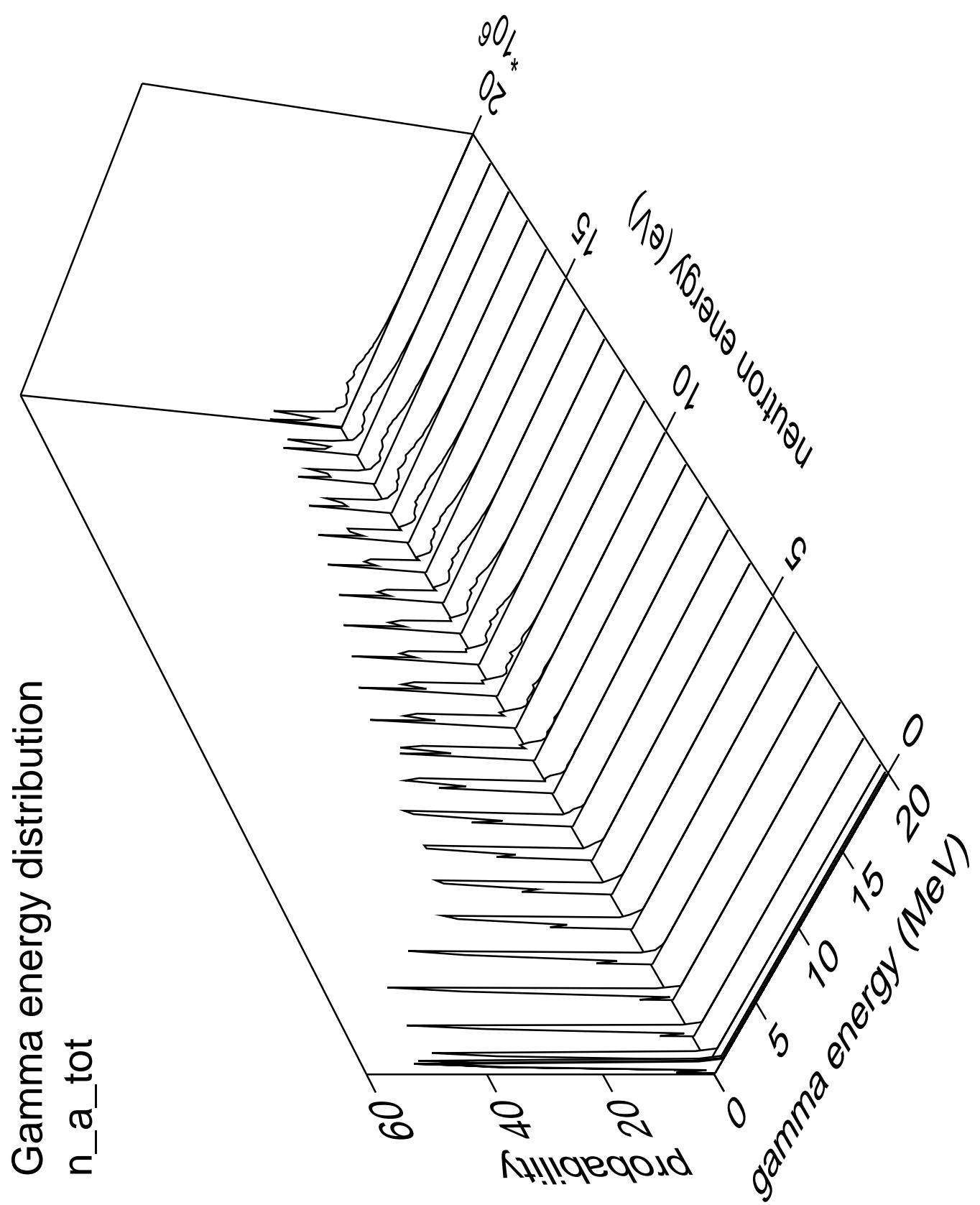












Gamma angles distribution

$n_a_{tot}$

