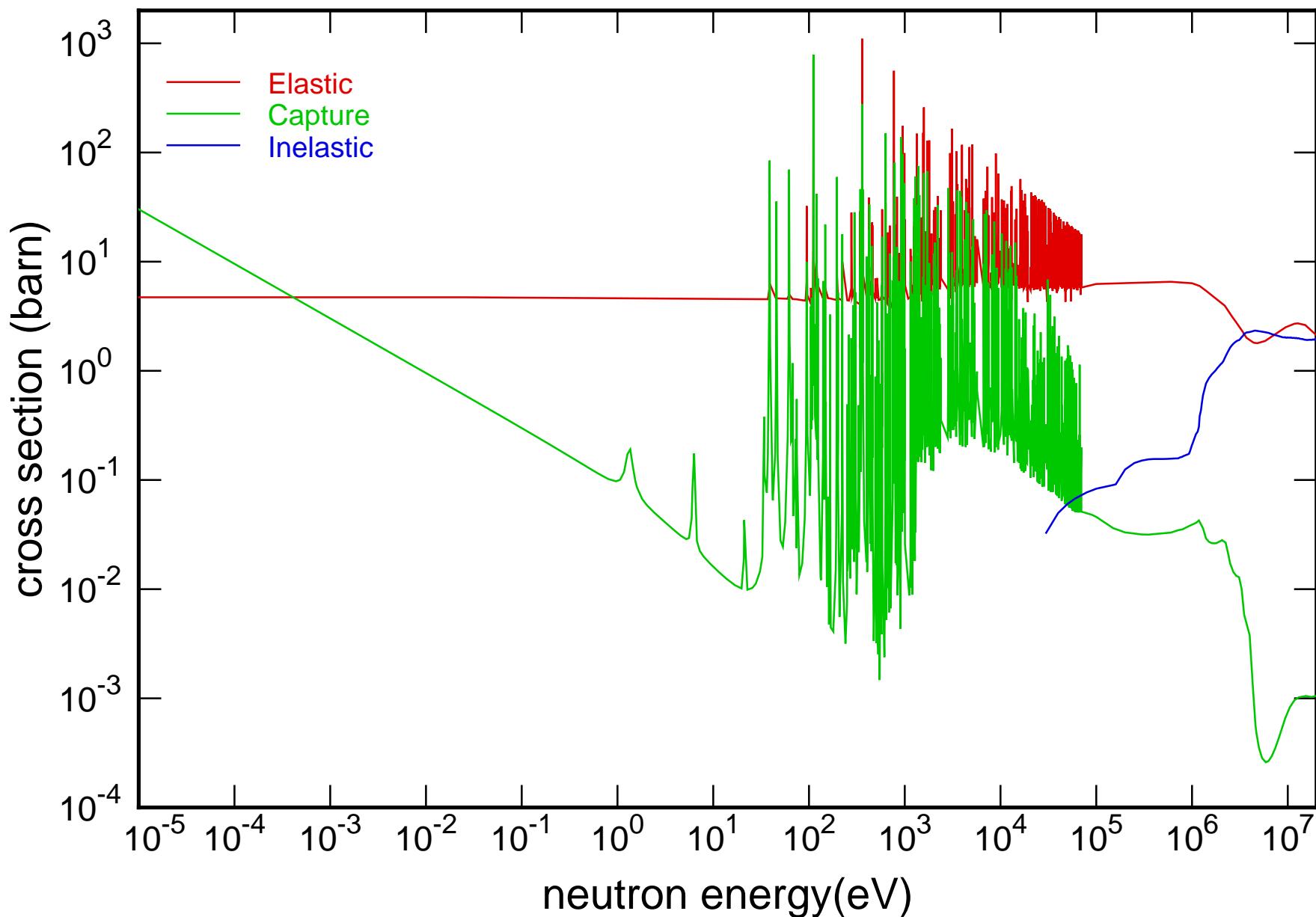
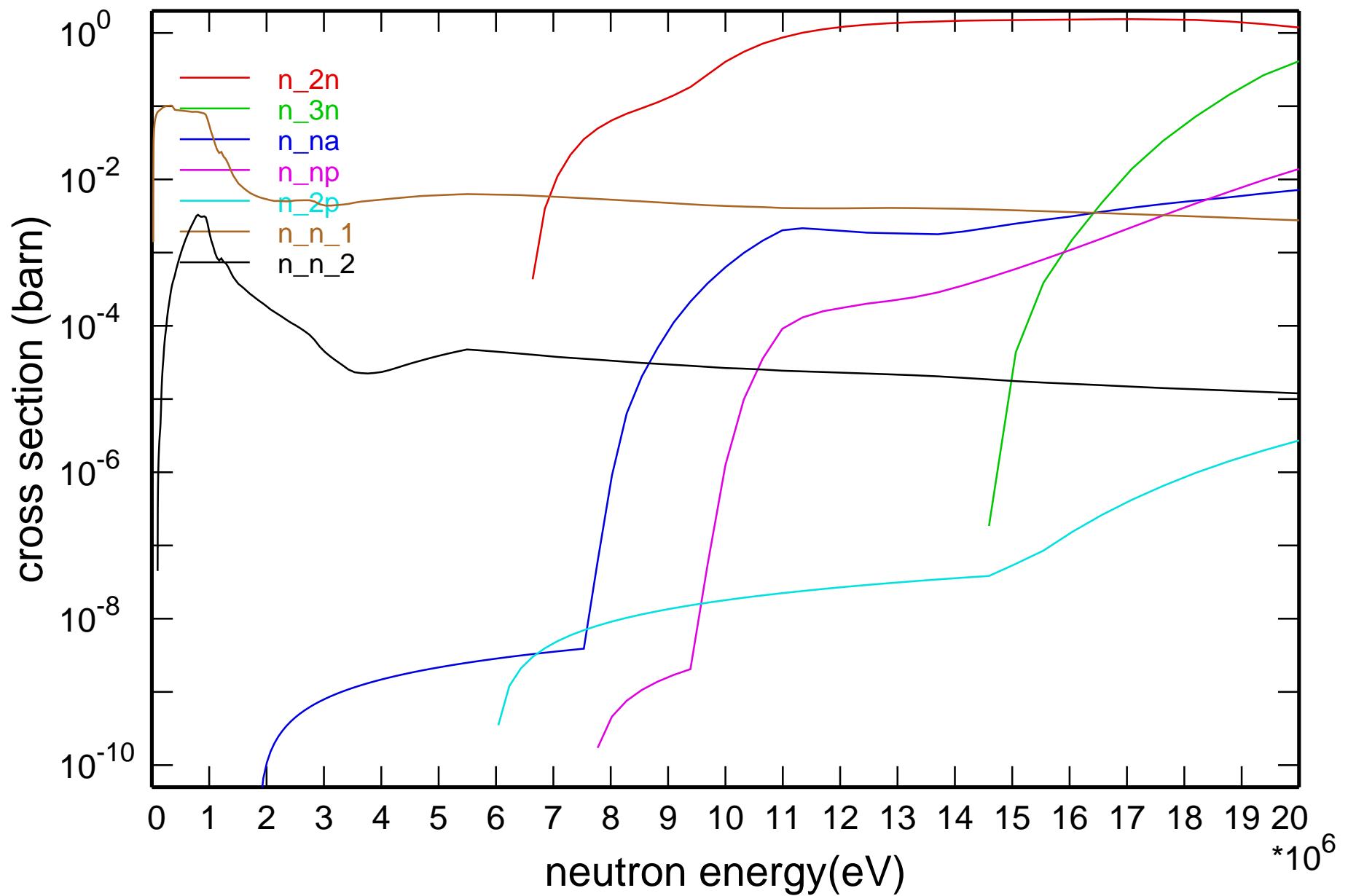
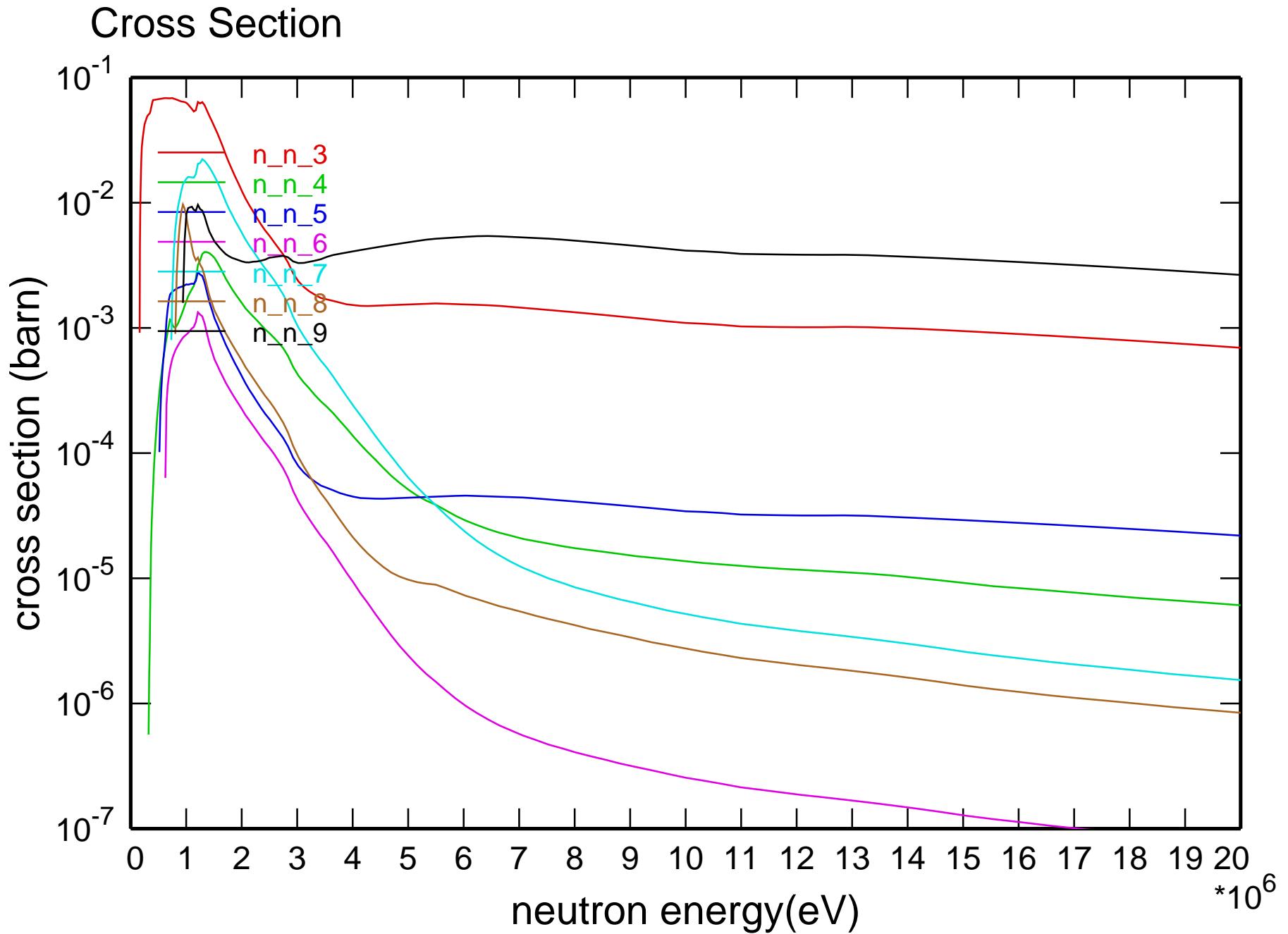


## Main Cross Sections

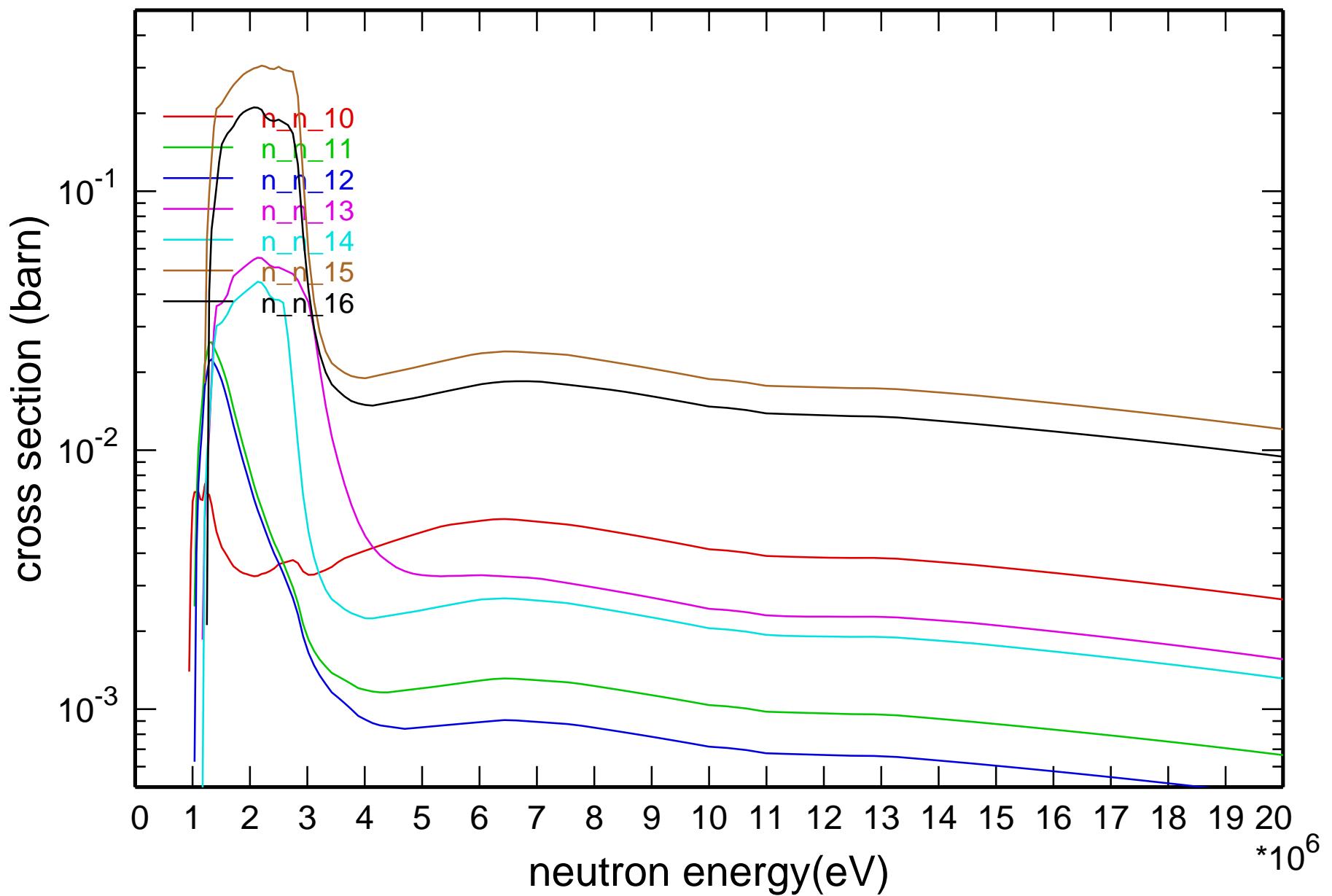


## Cross Section

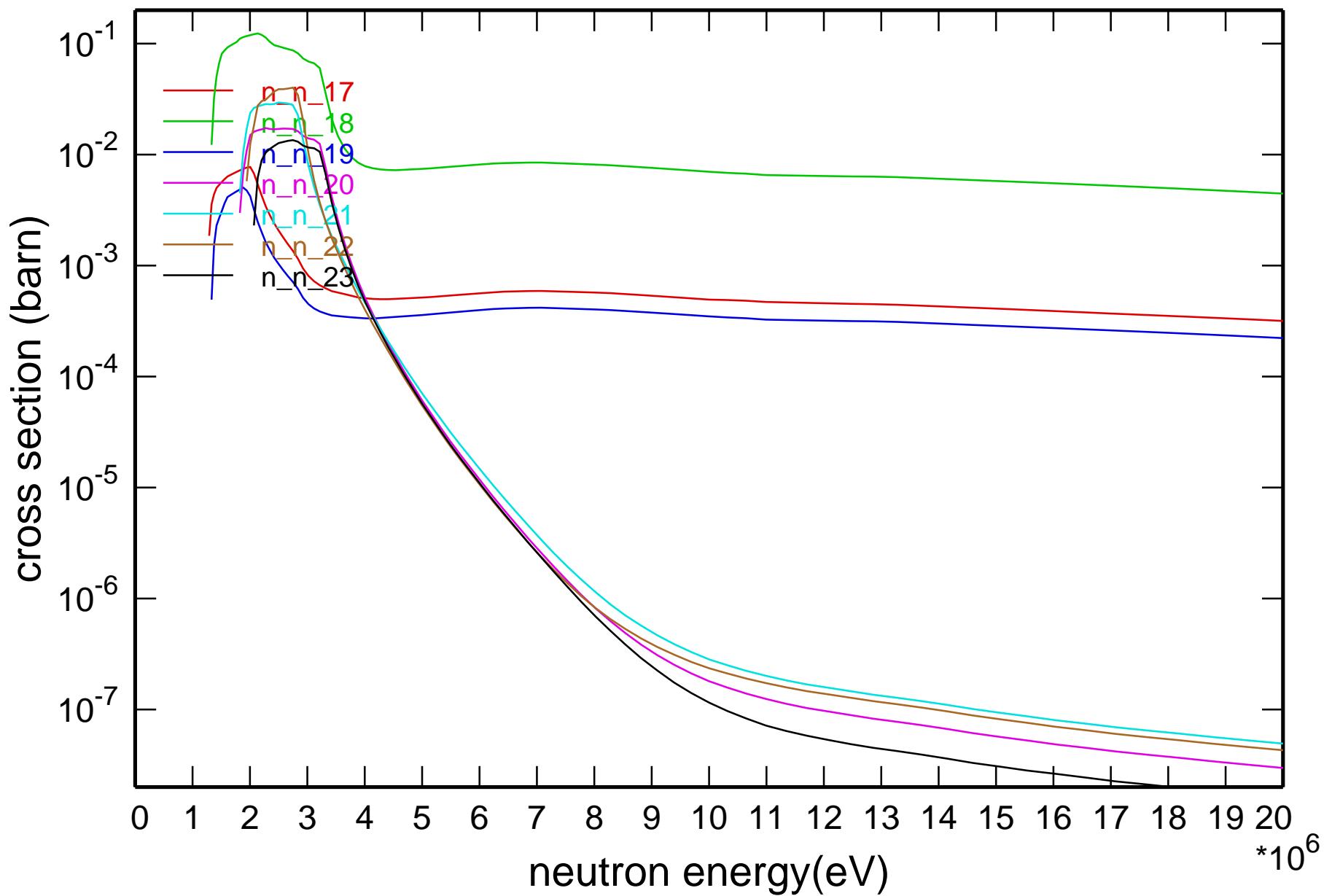




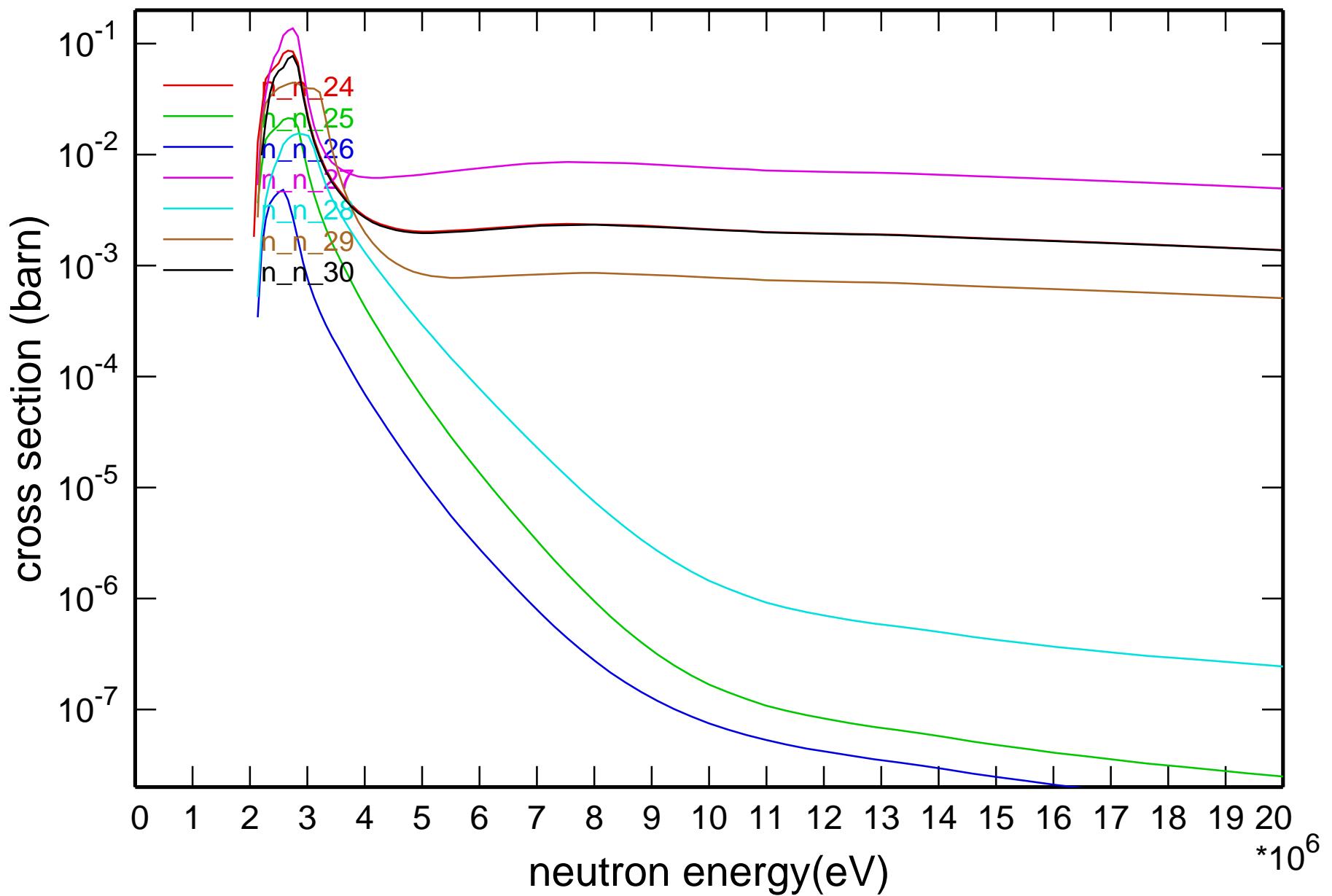
# Cross Section



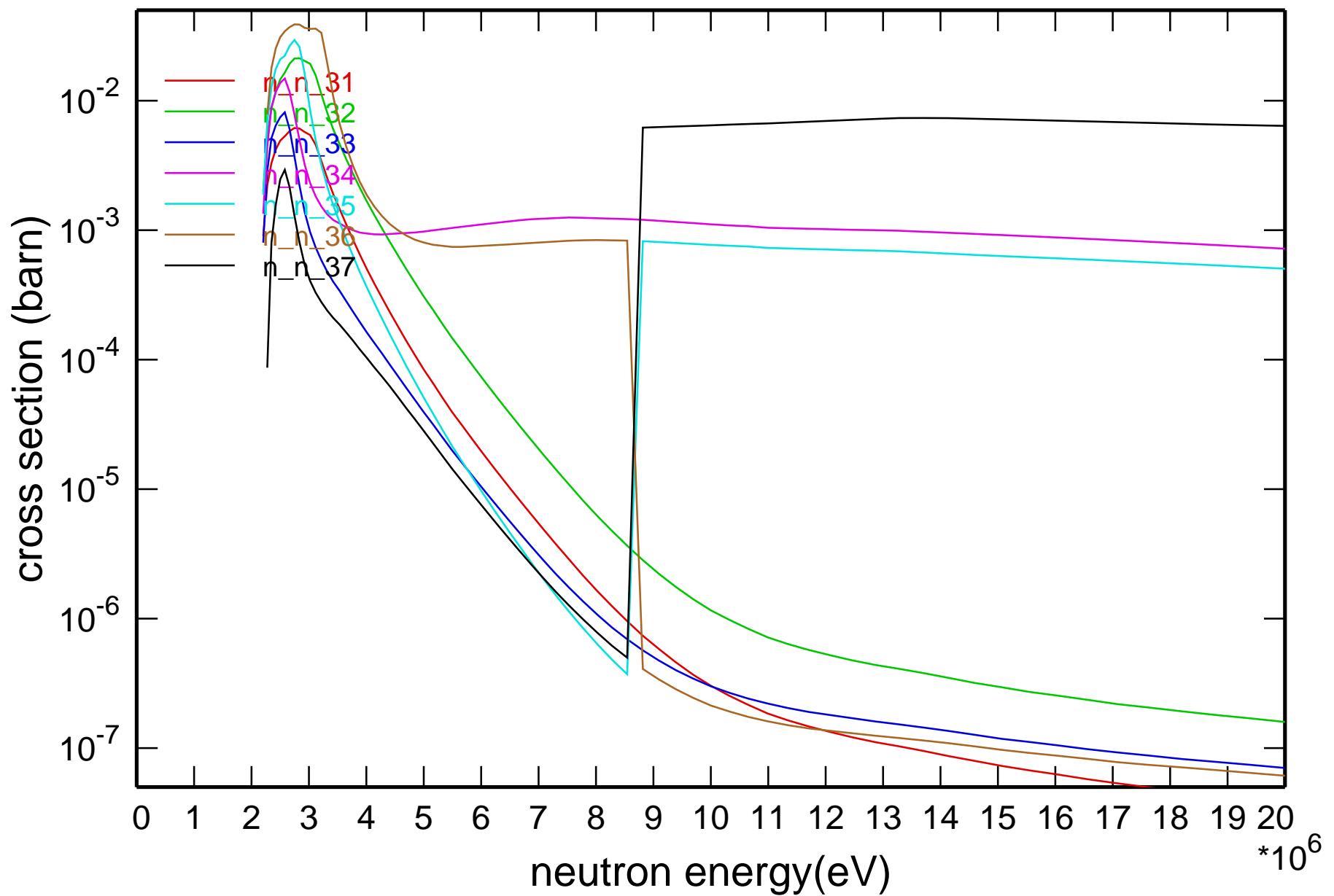
## Cross Section



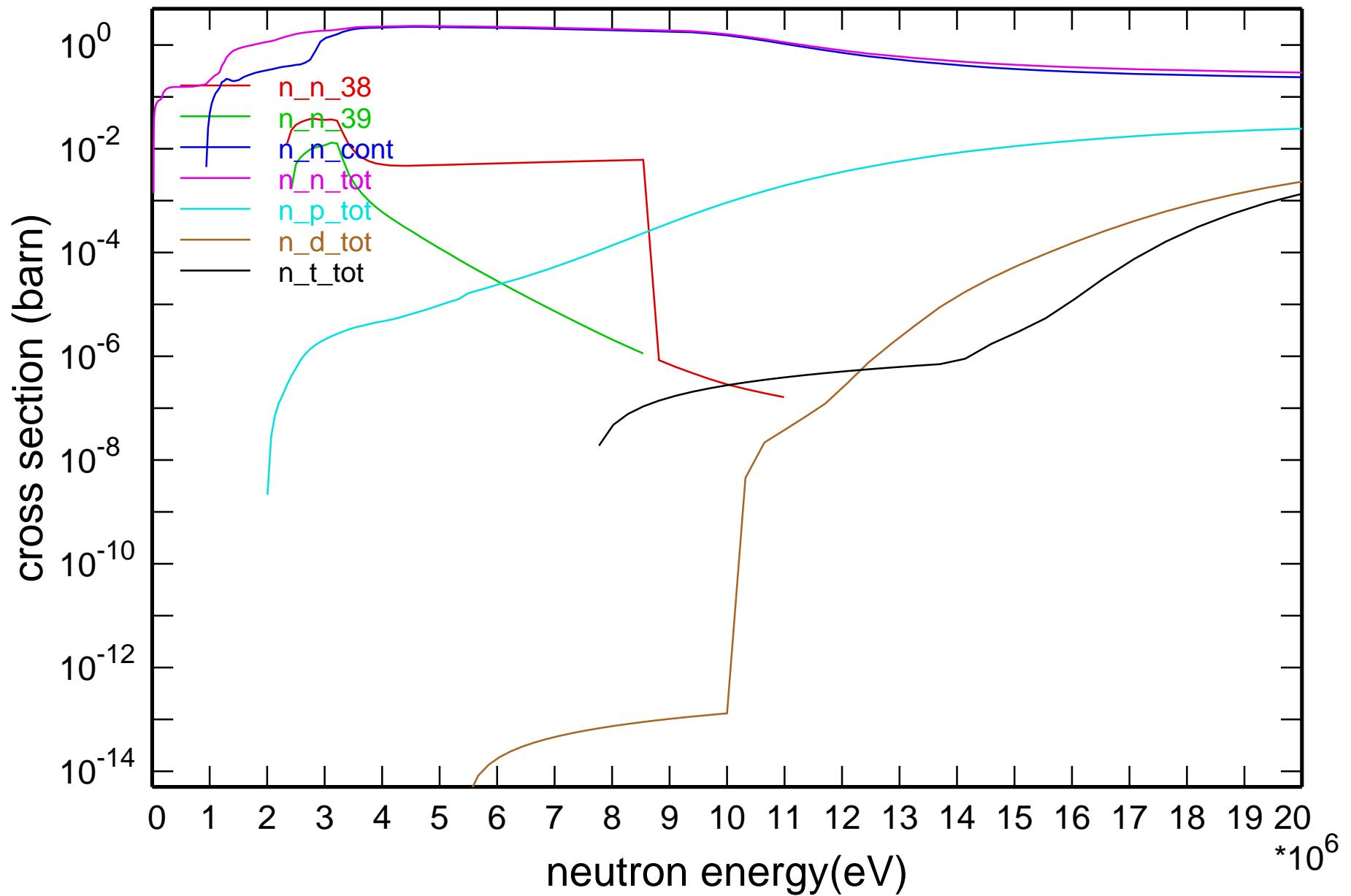
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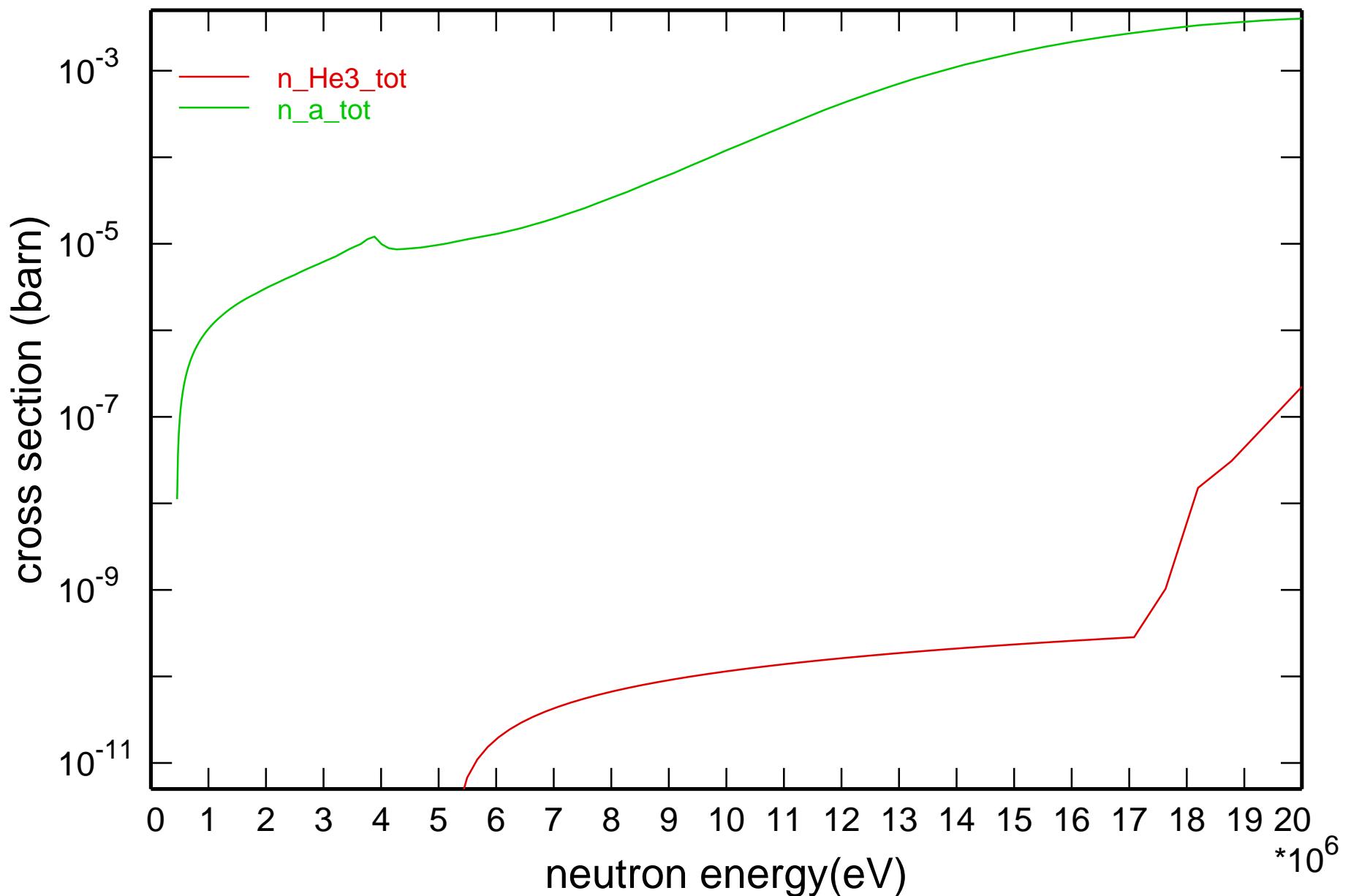
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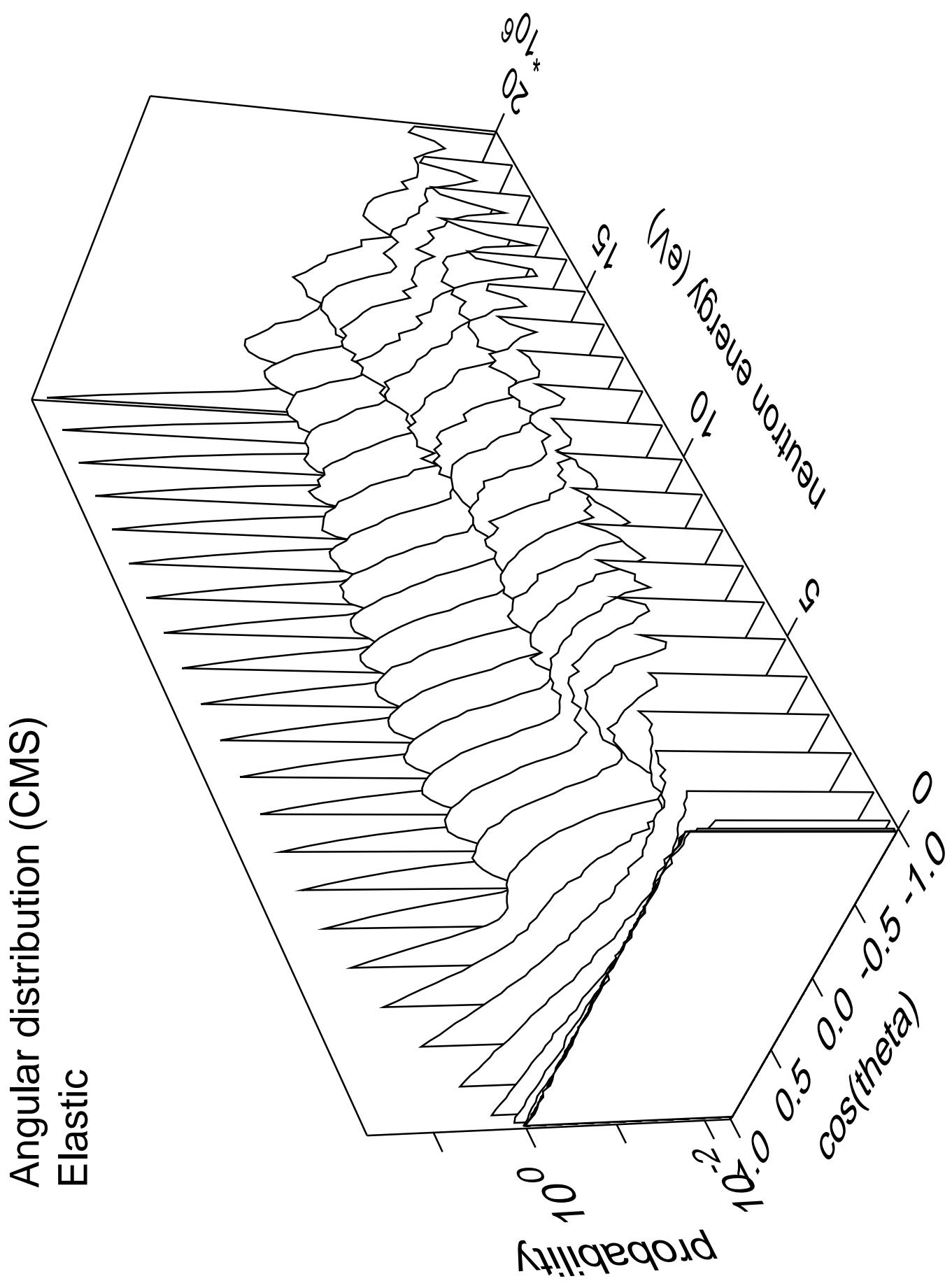


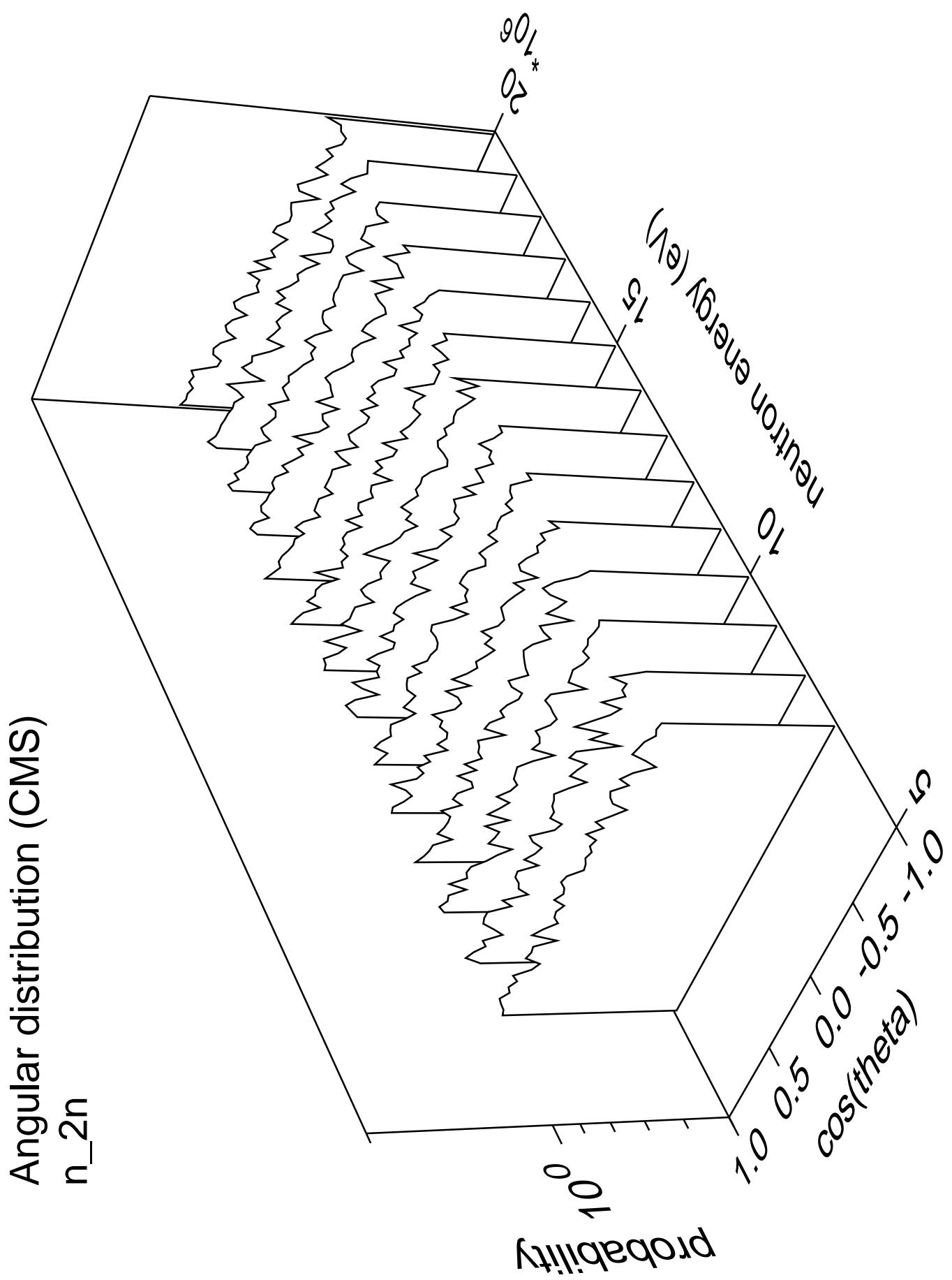
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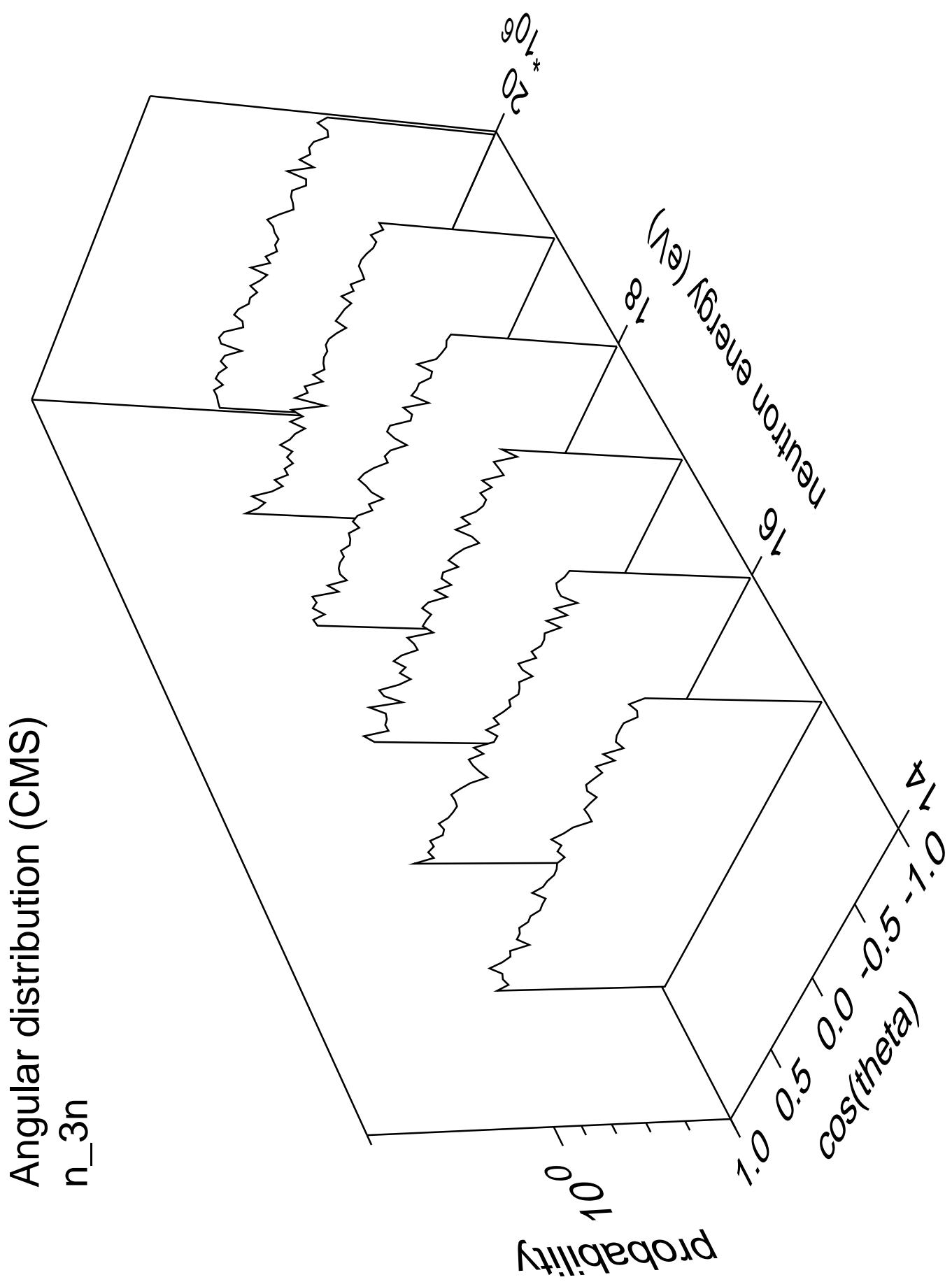


## Cross Section

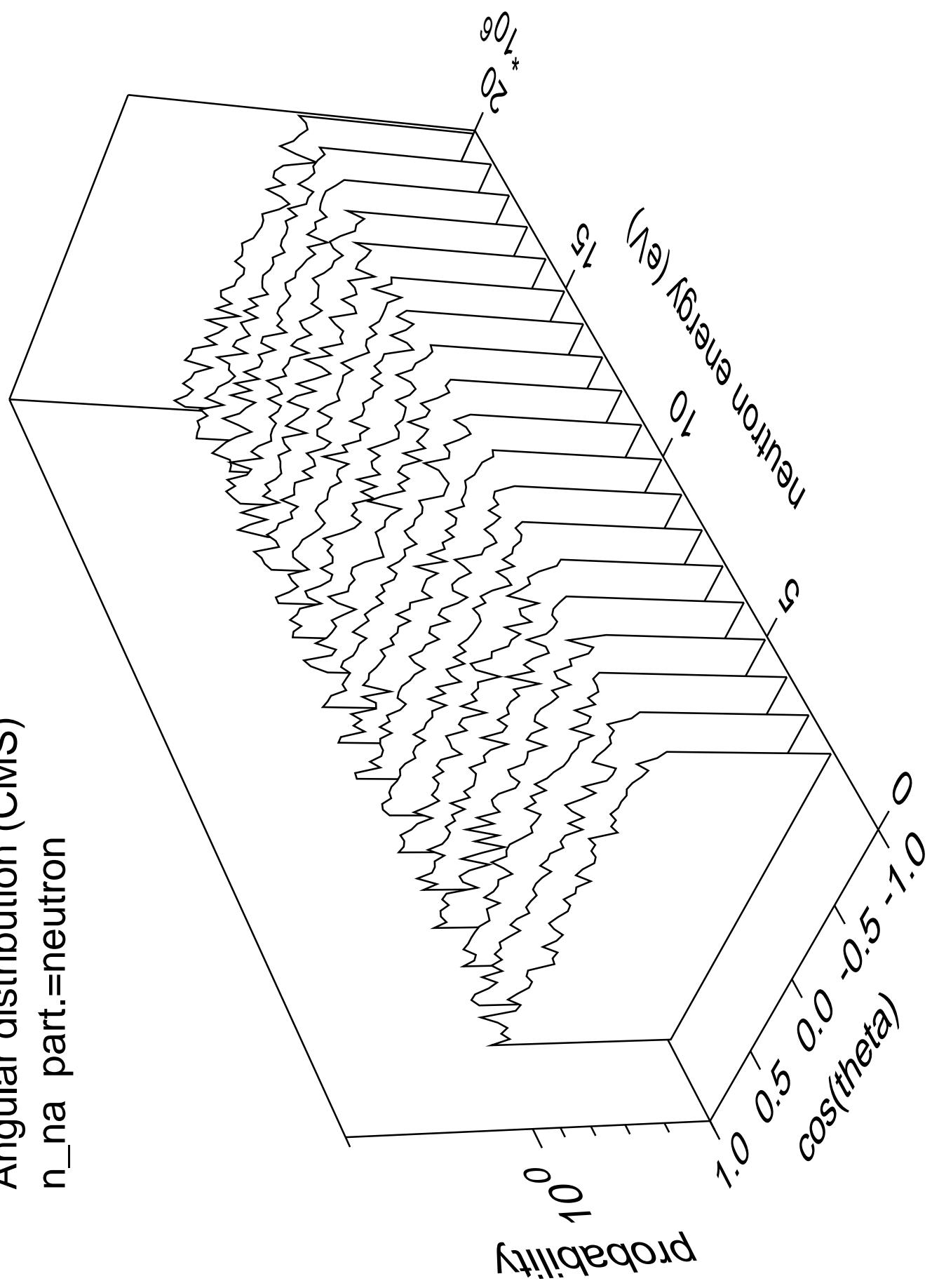




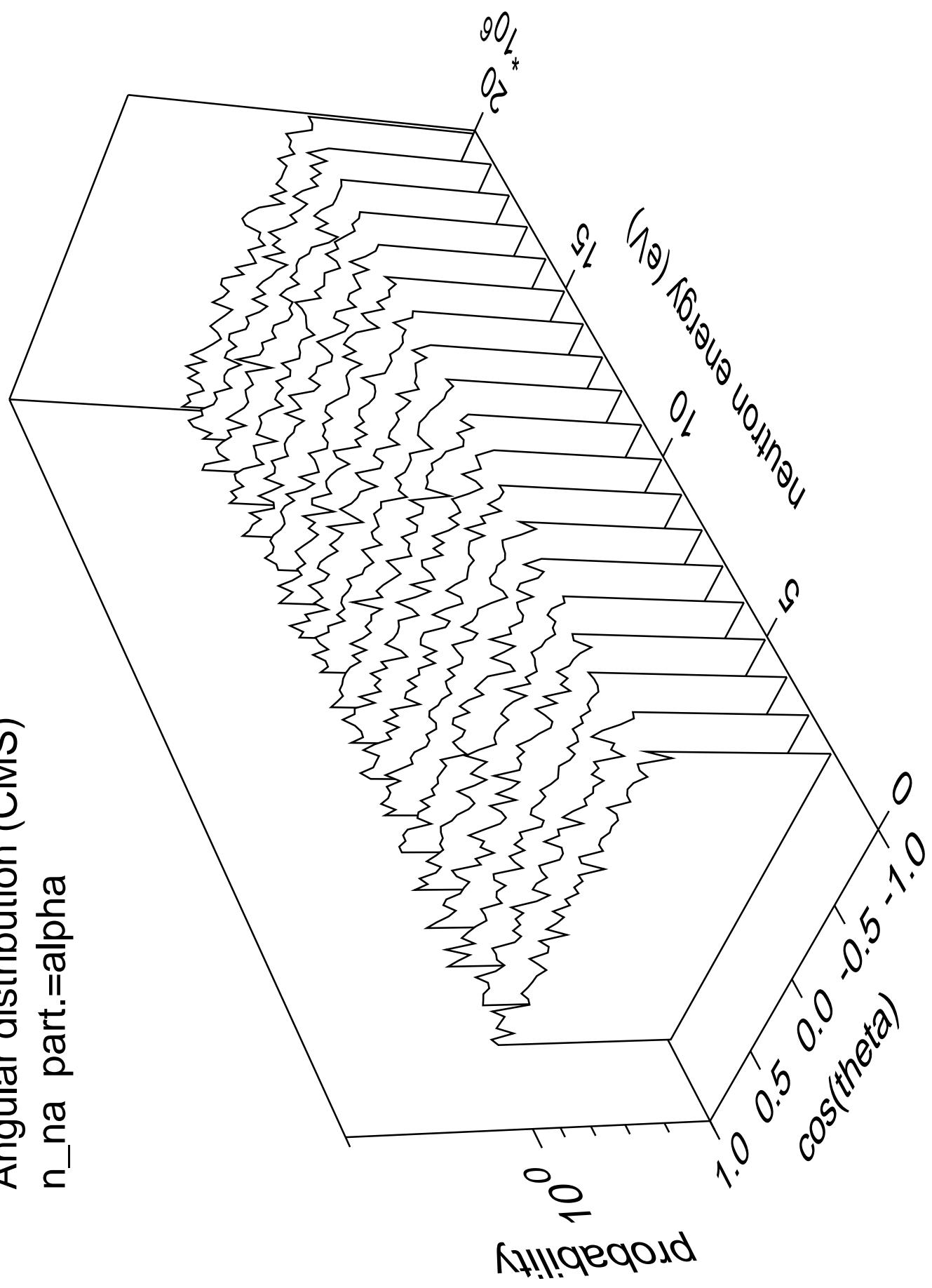


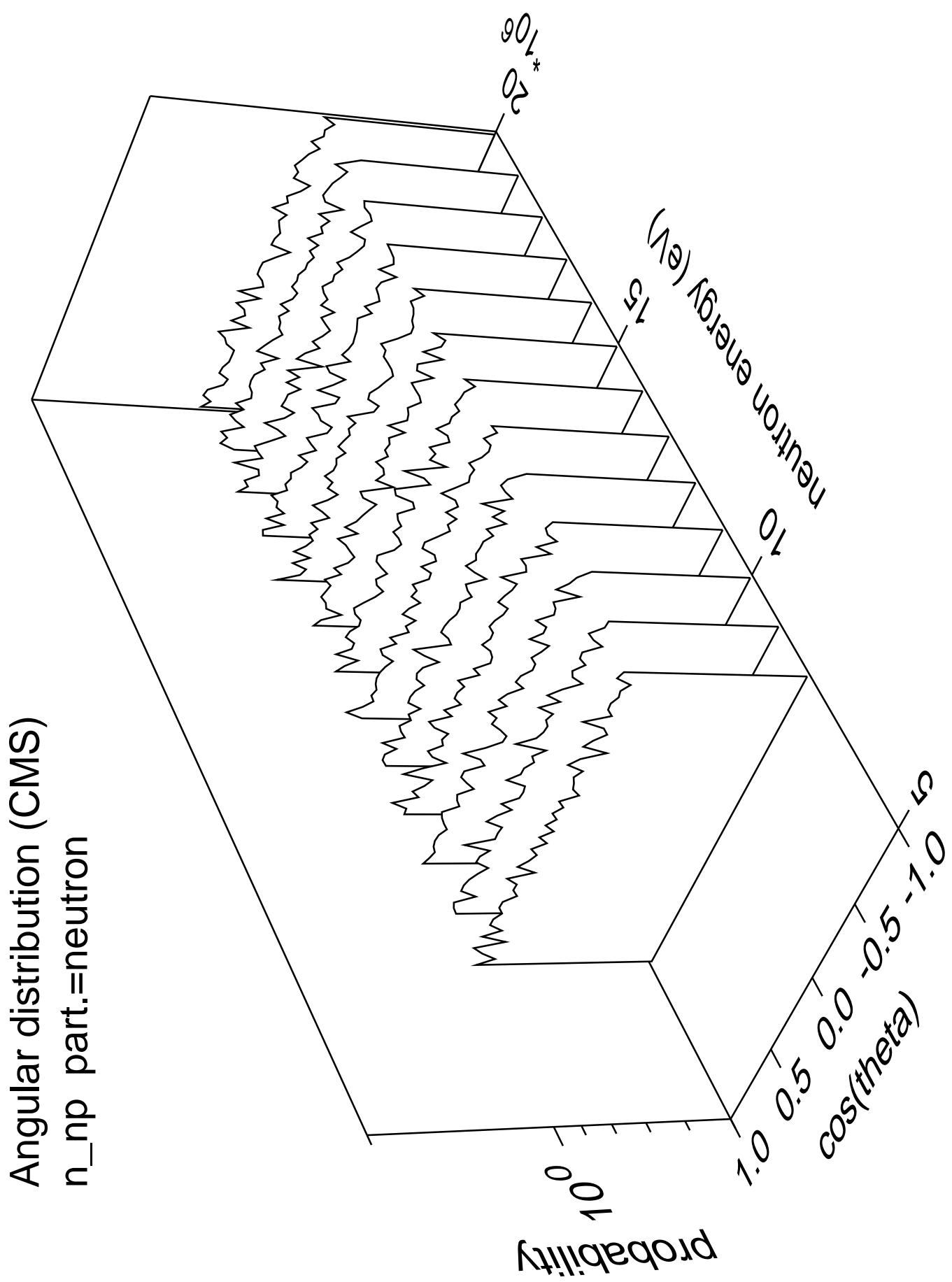


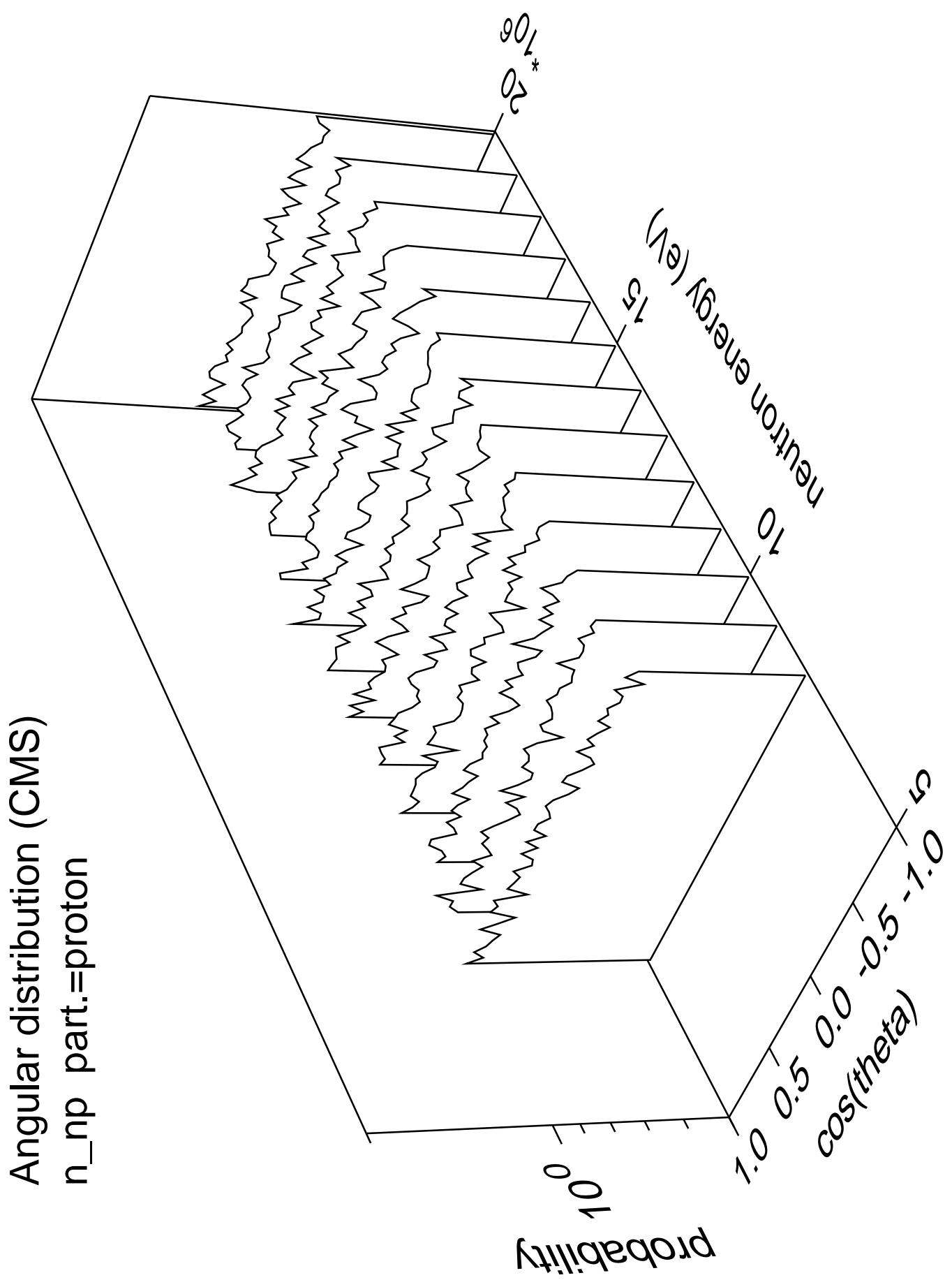
Angular distribution (CMS)  
 $n_{na}$  part.=neutron

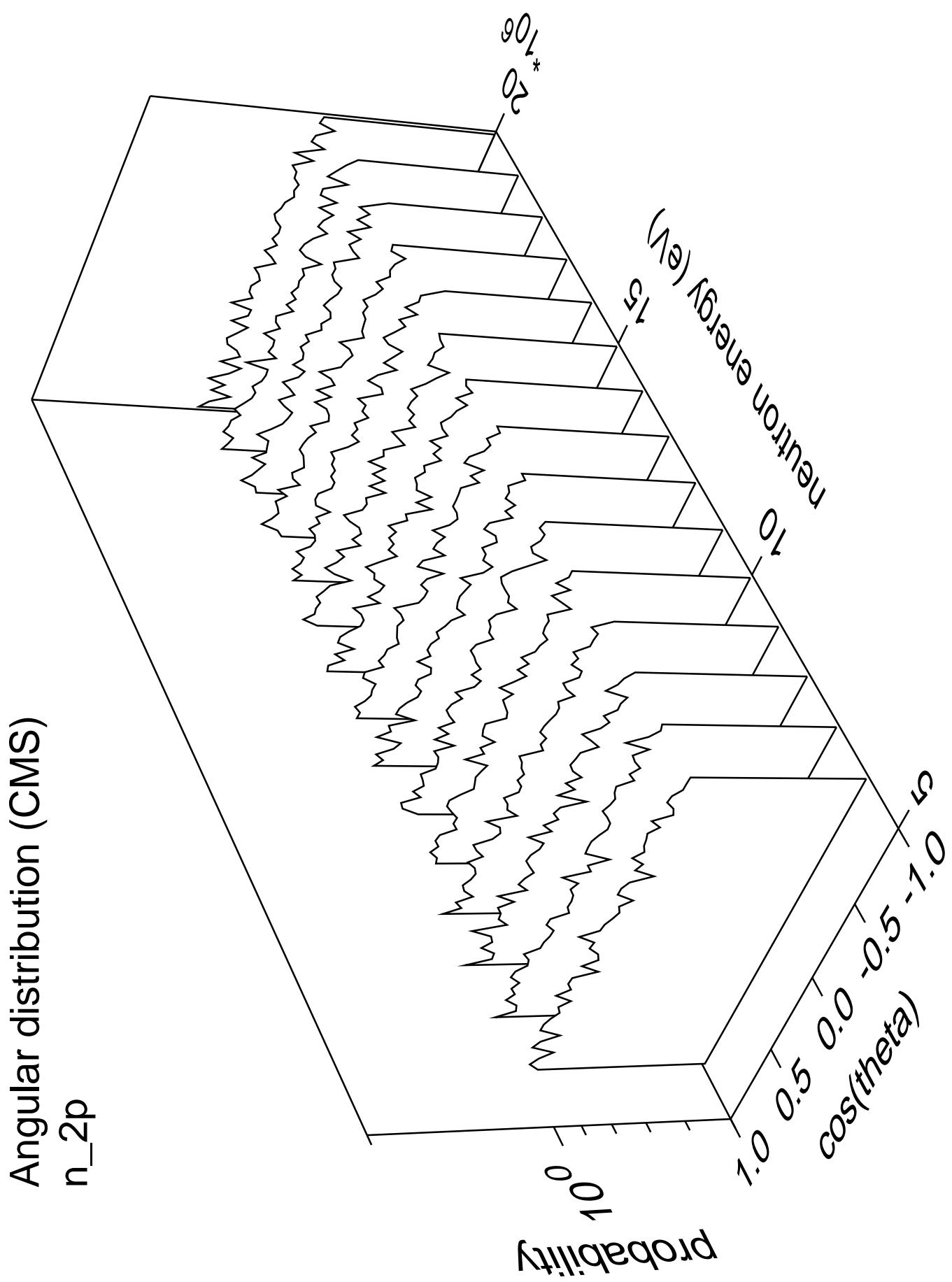


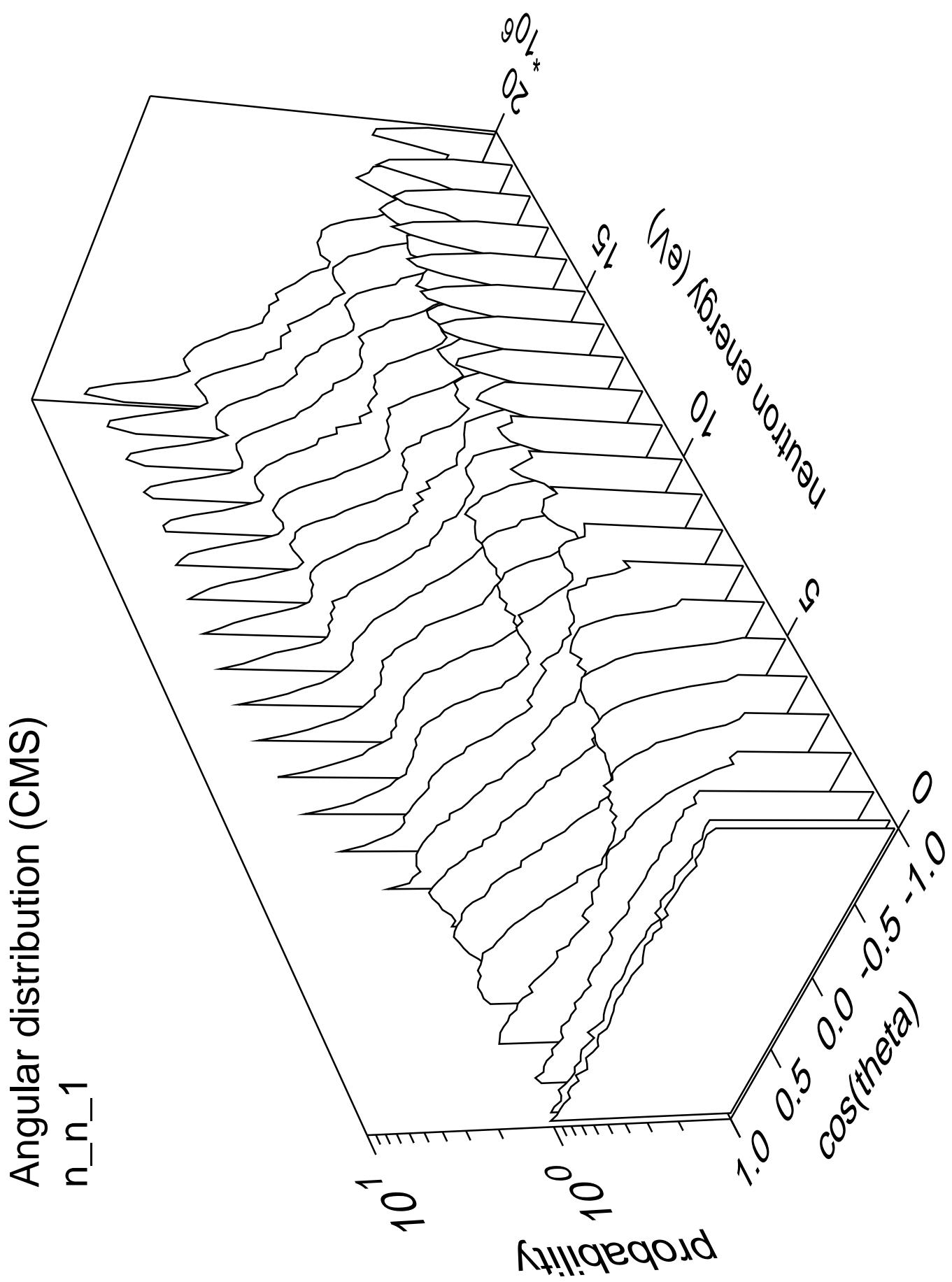
Angular distribution (CMS)  
 $n_{\text{na}}$  part.=alpha

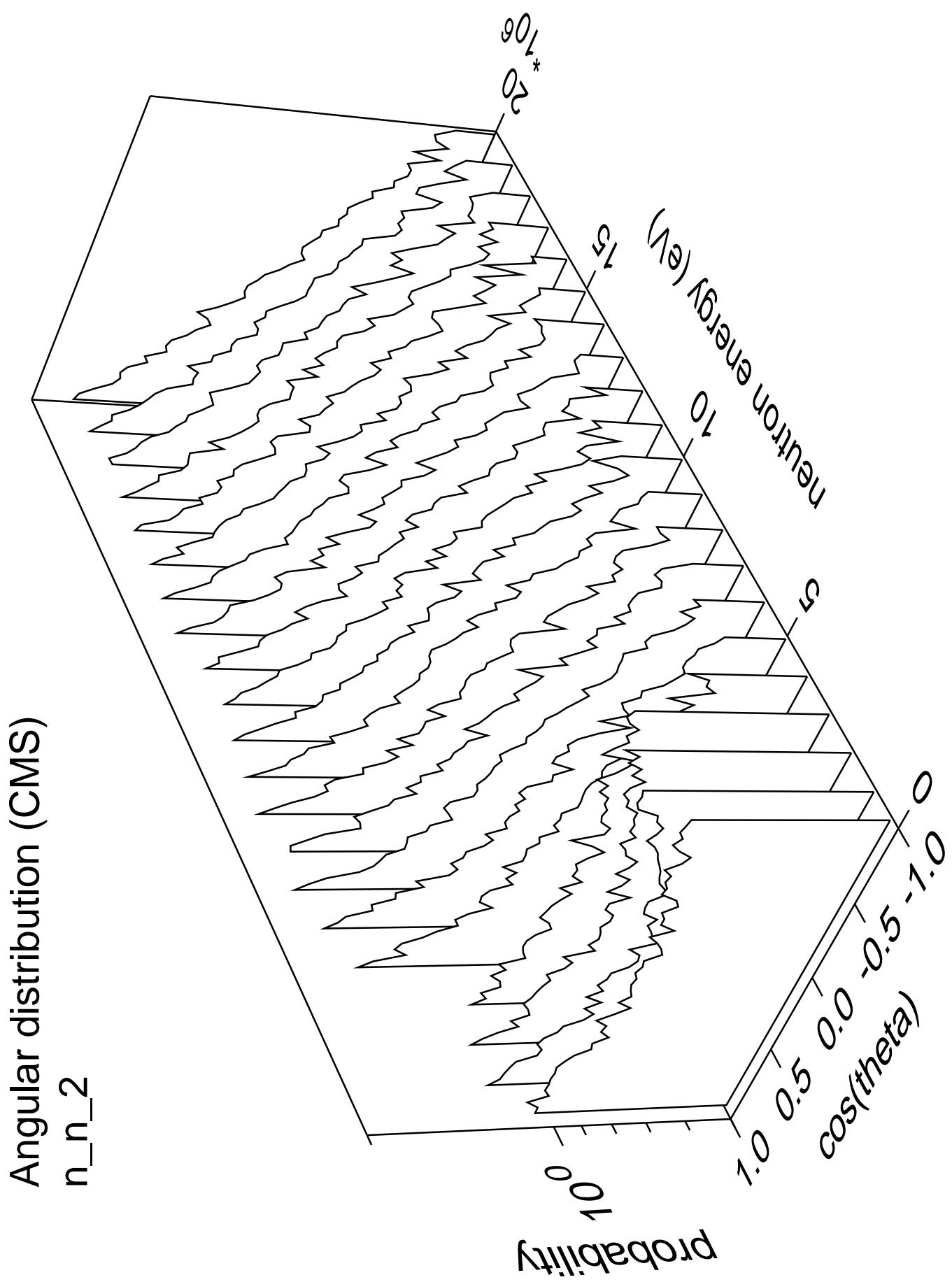


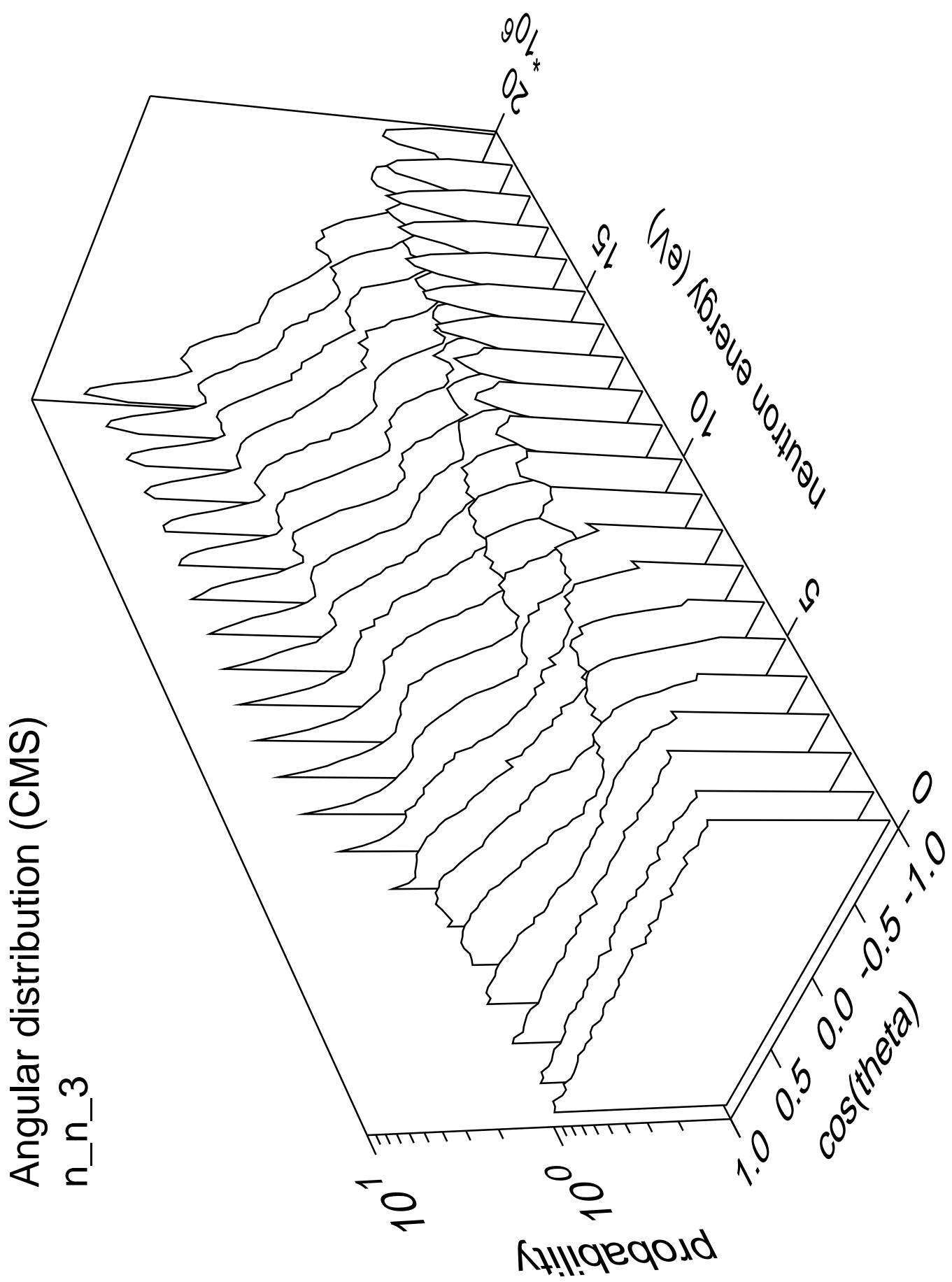


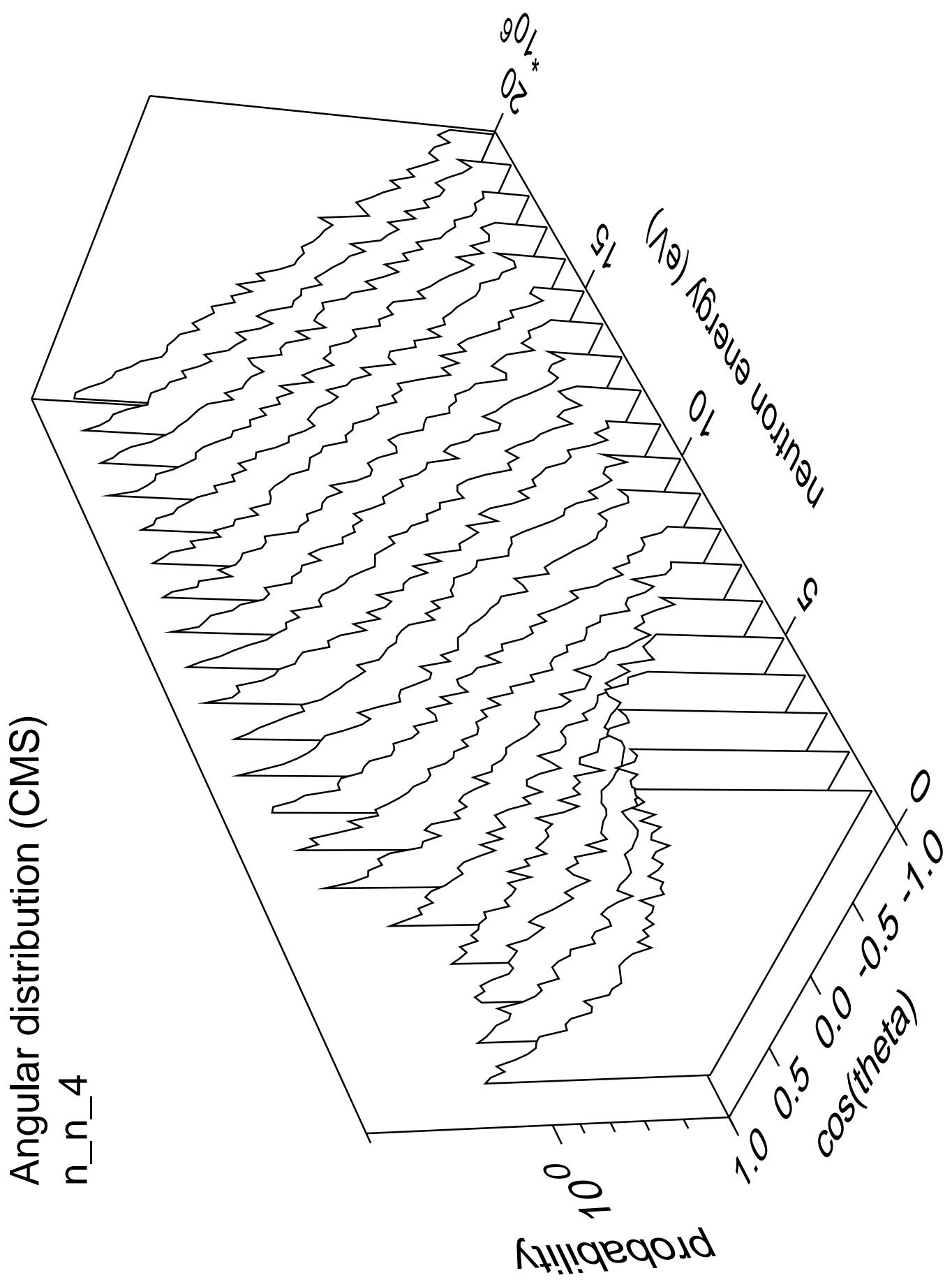


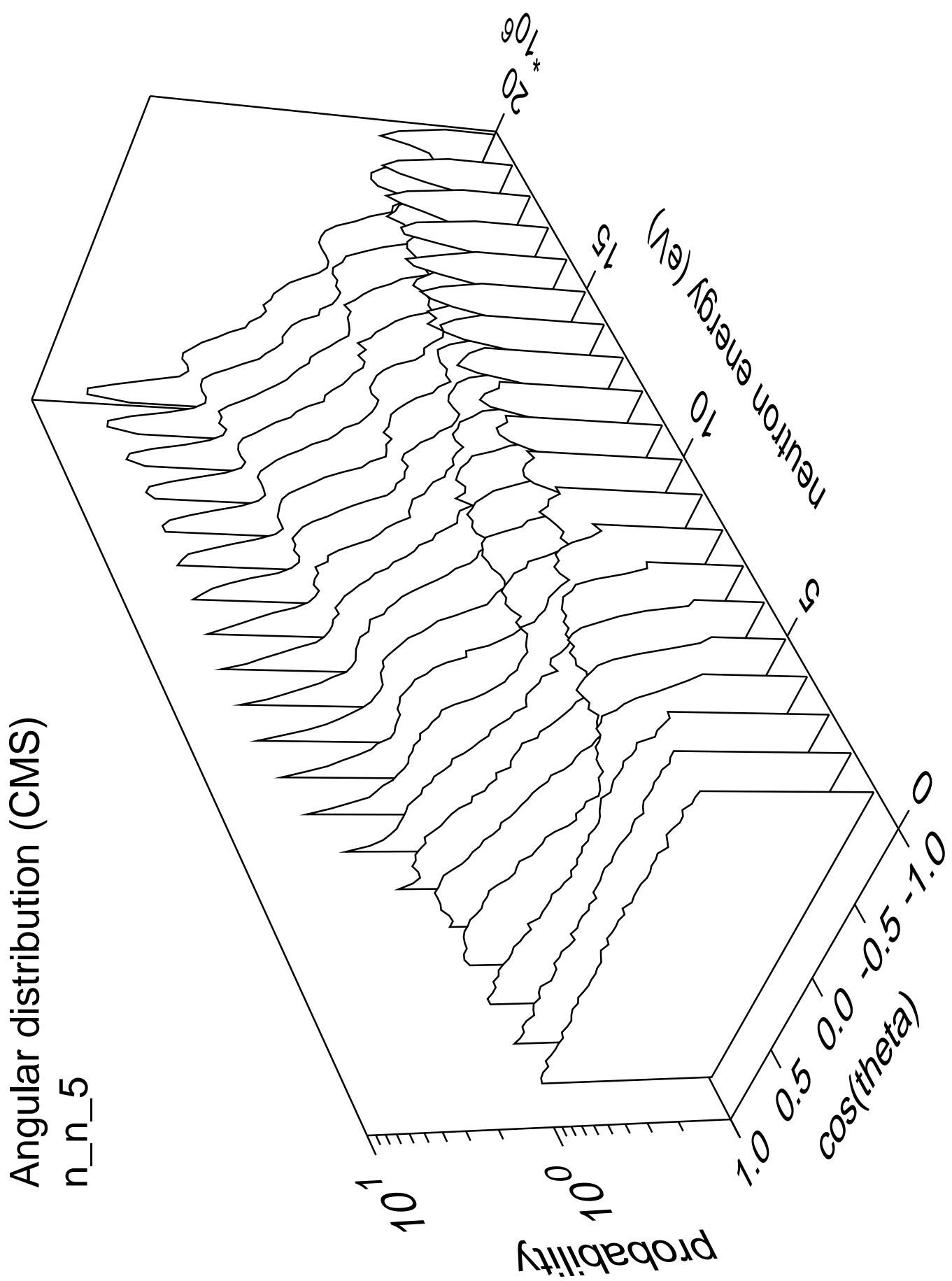


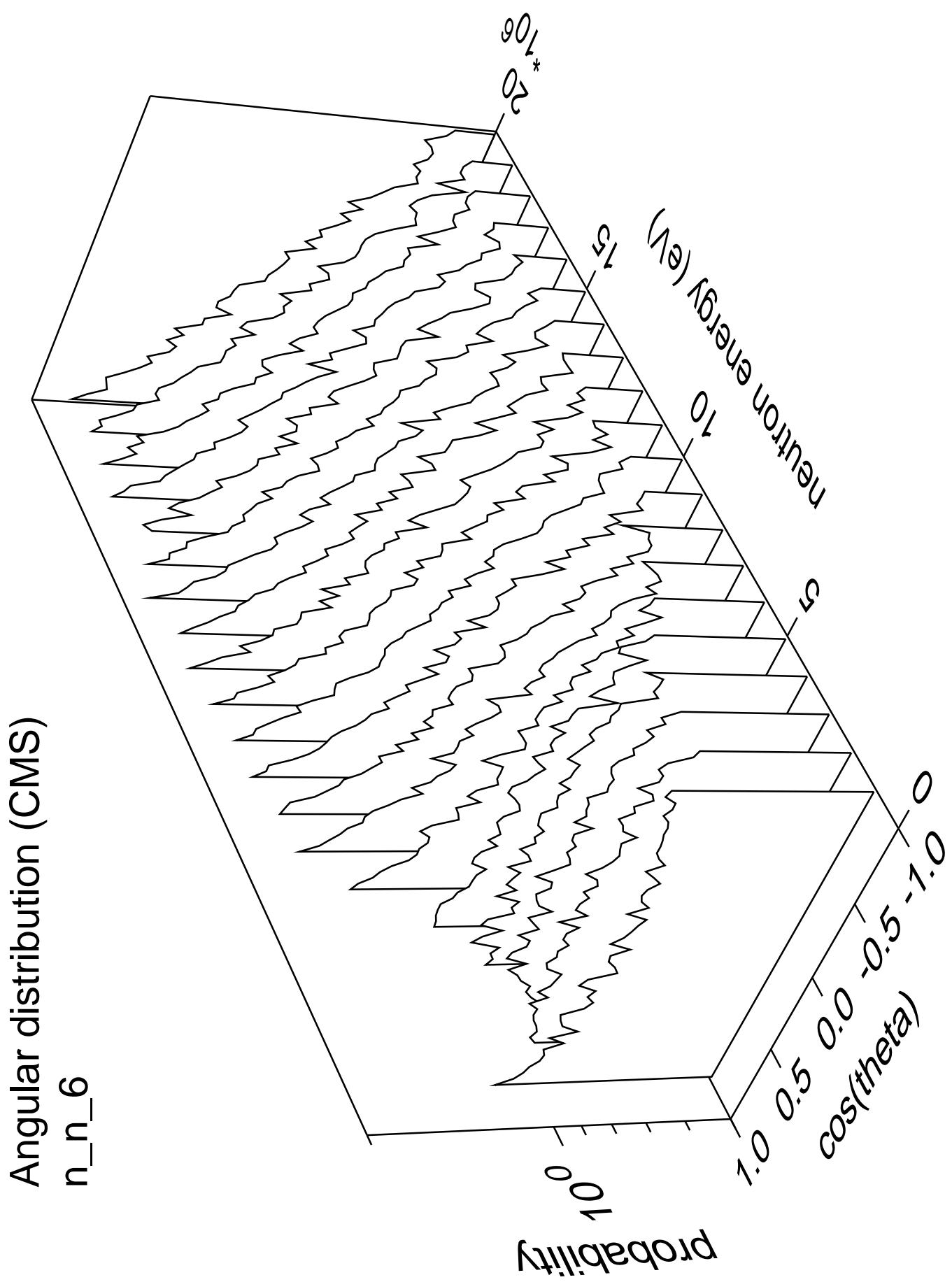


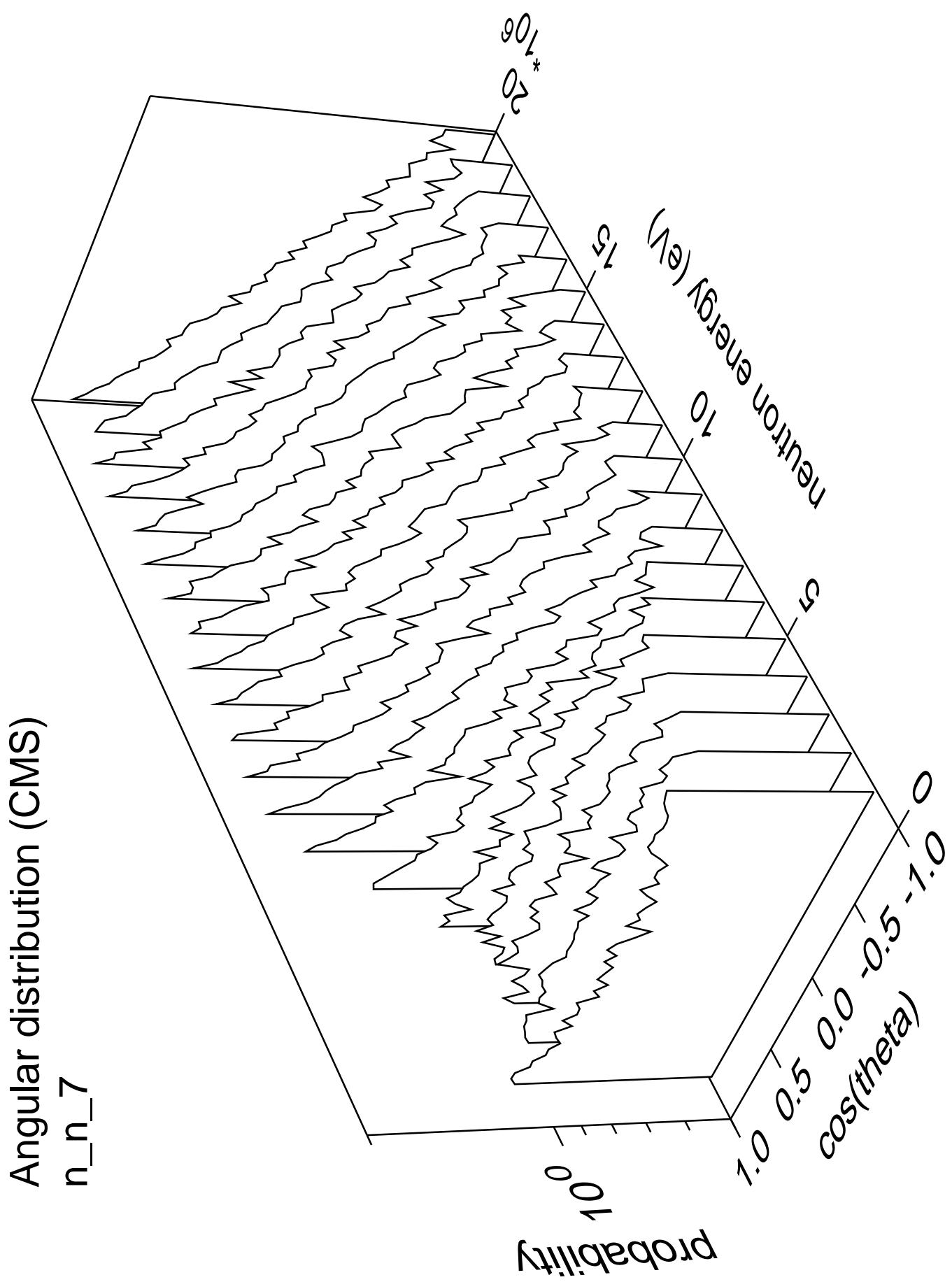


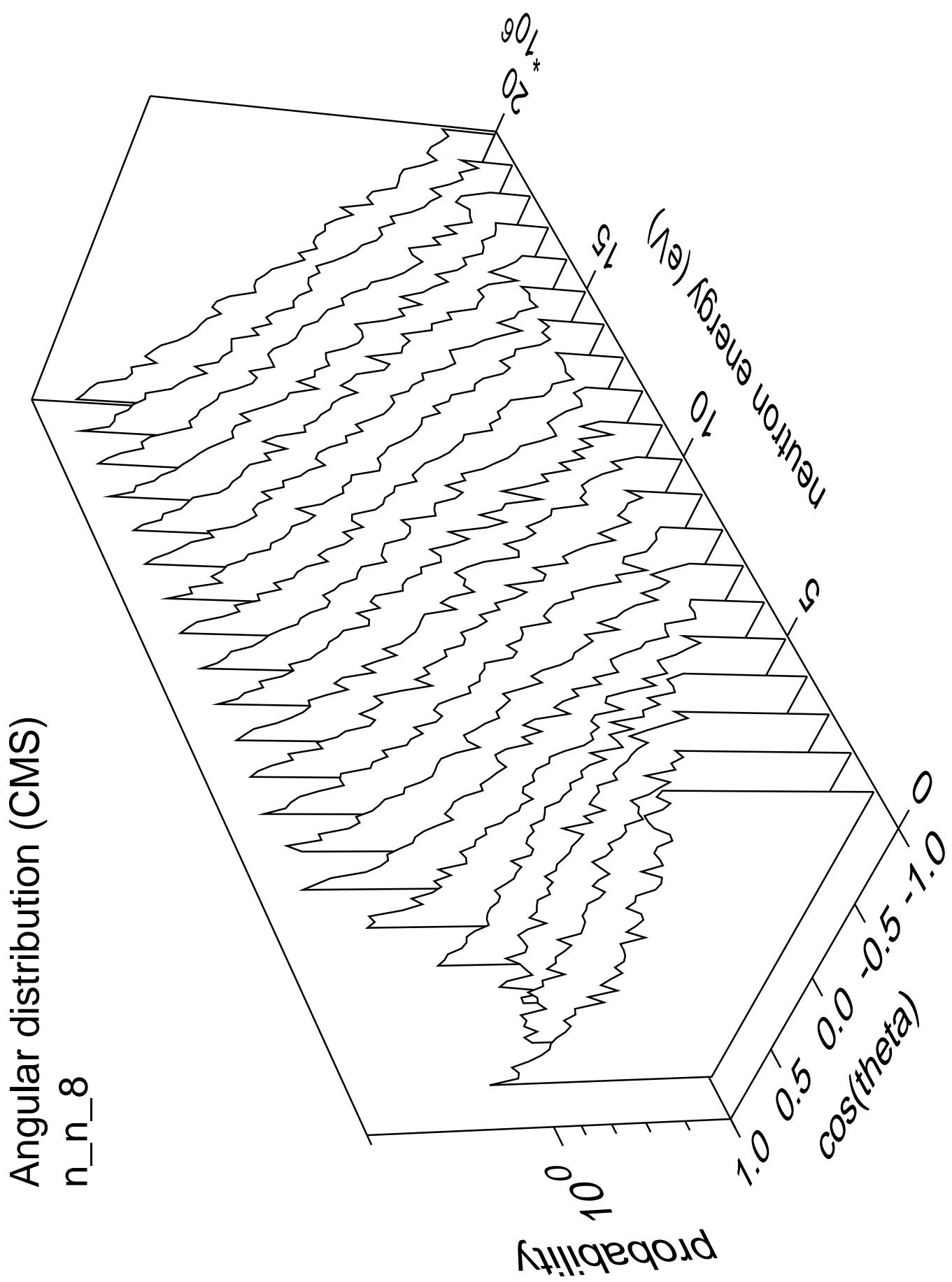


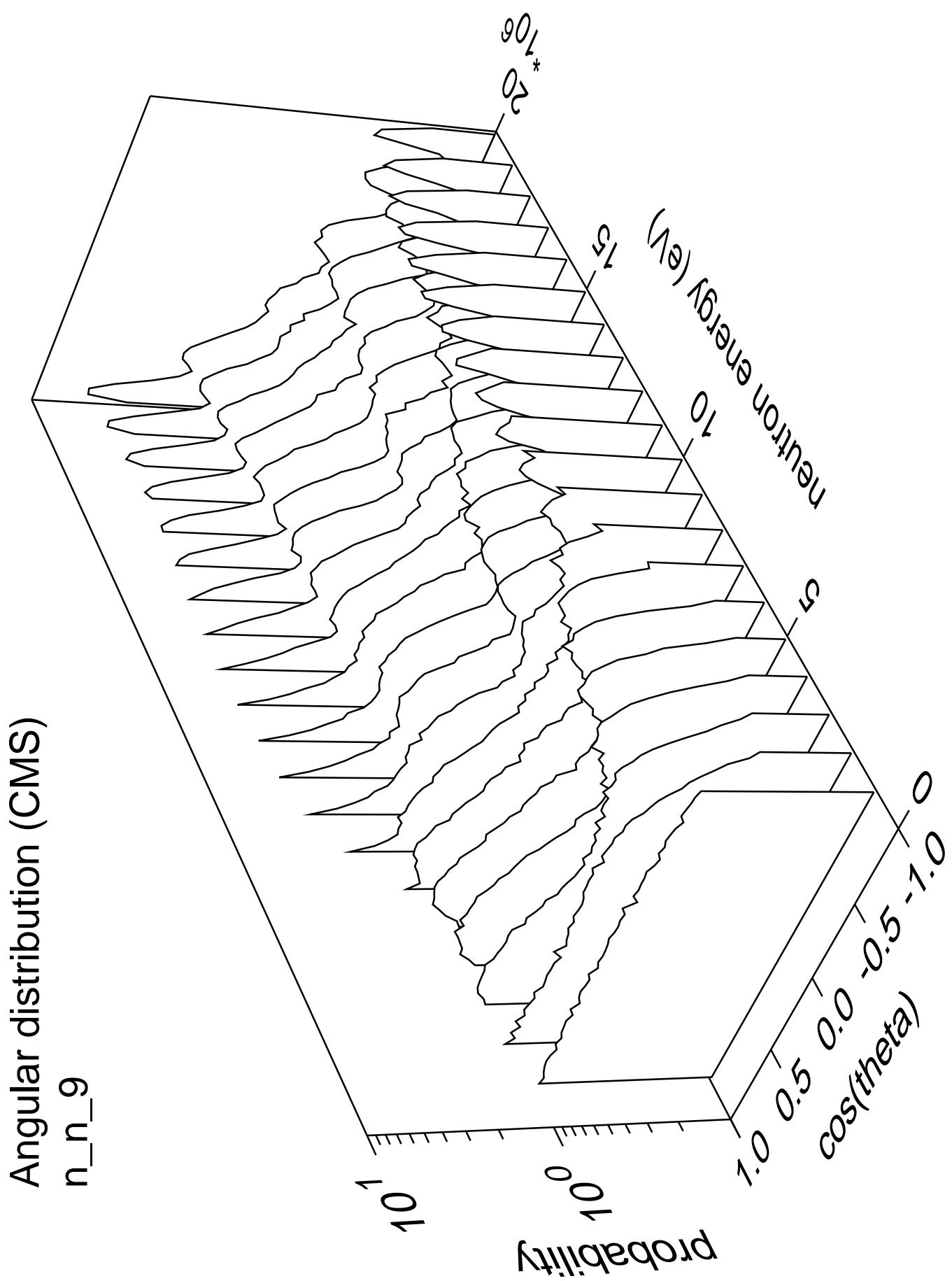


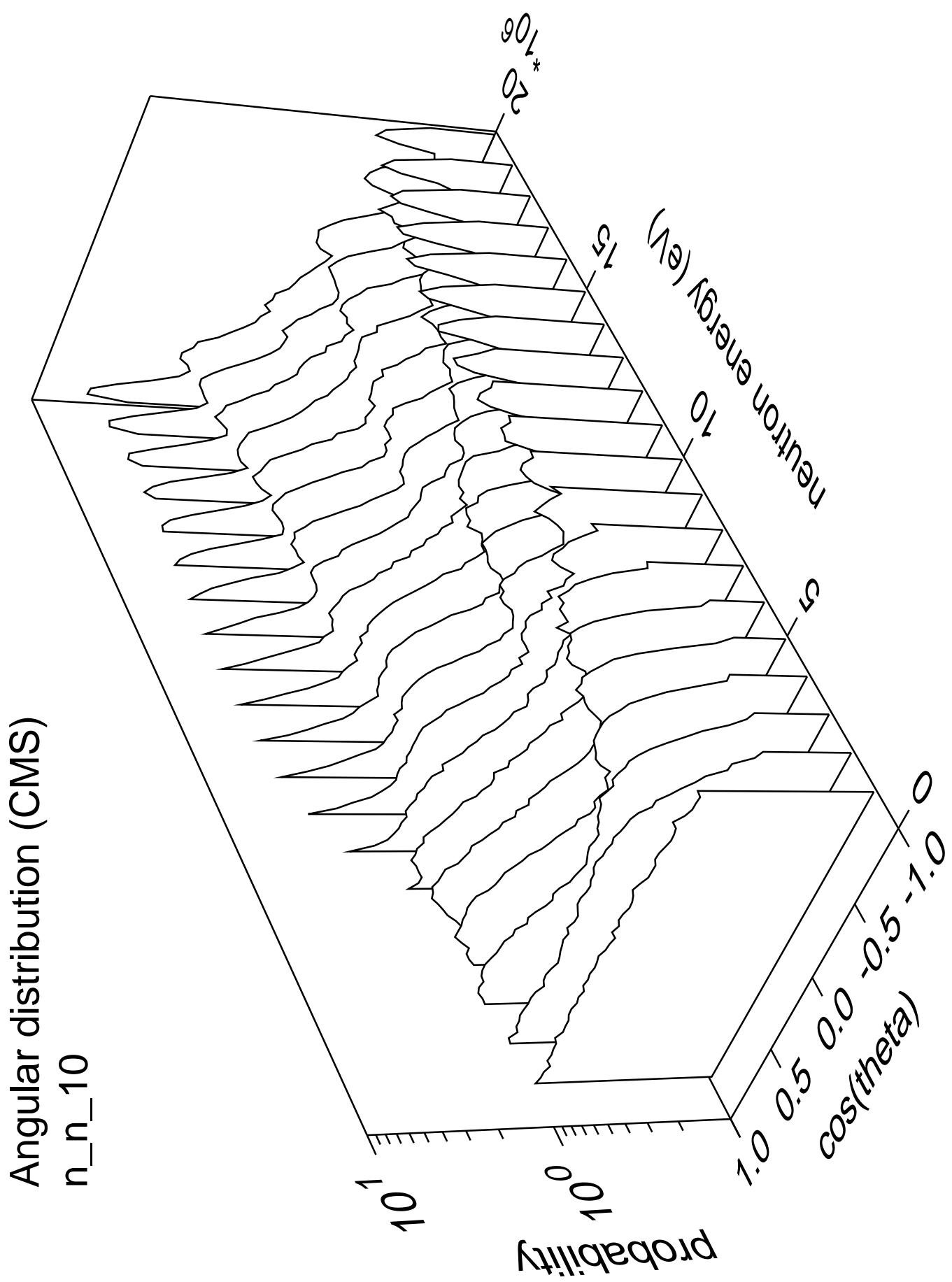


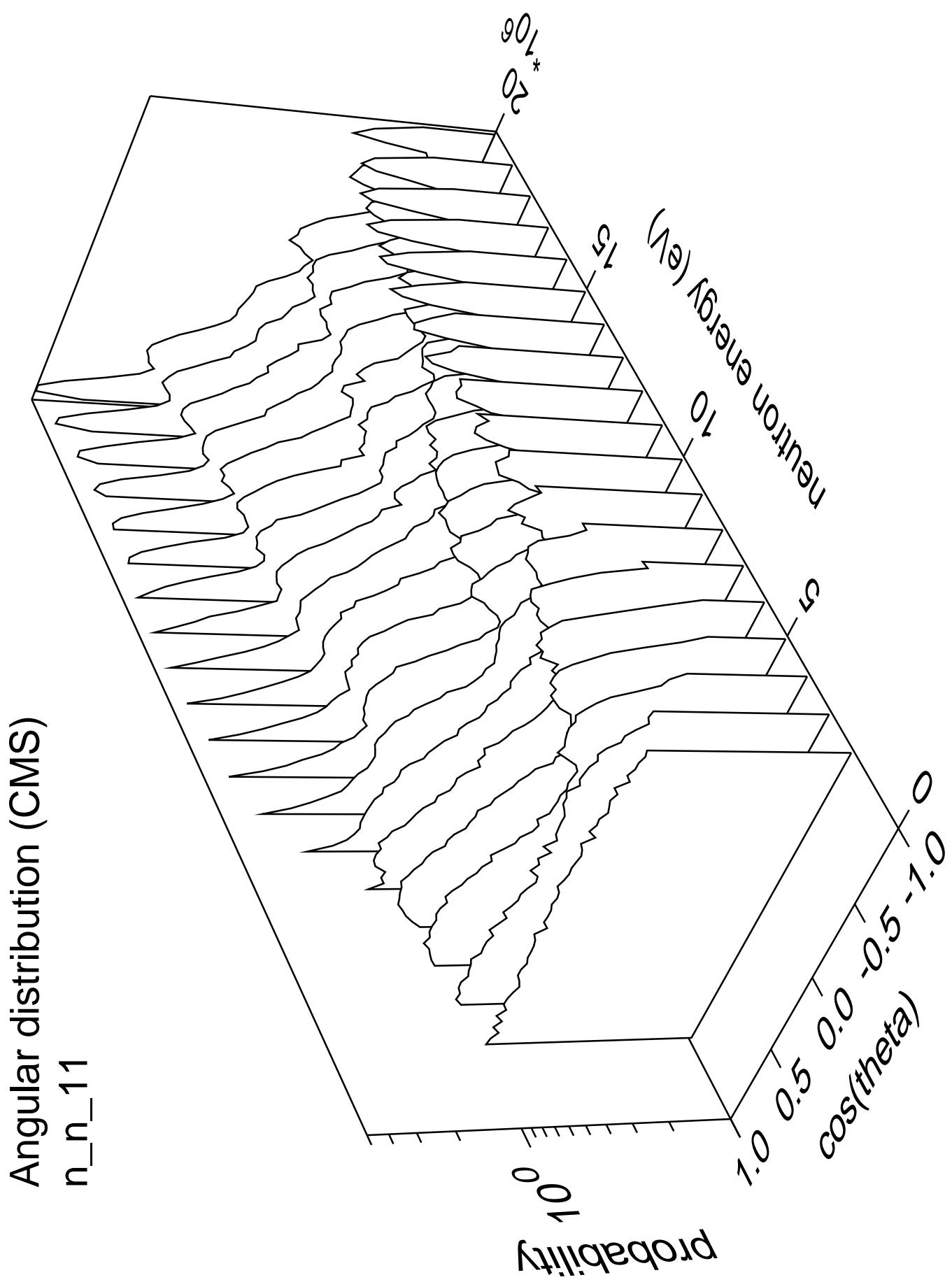


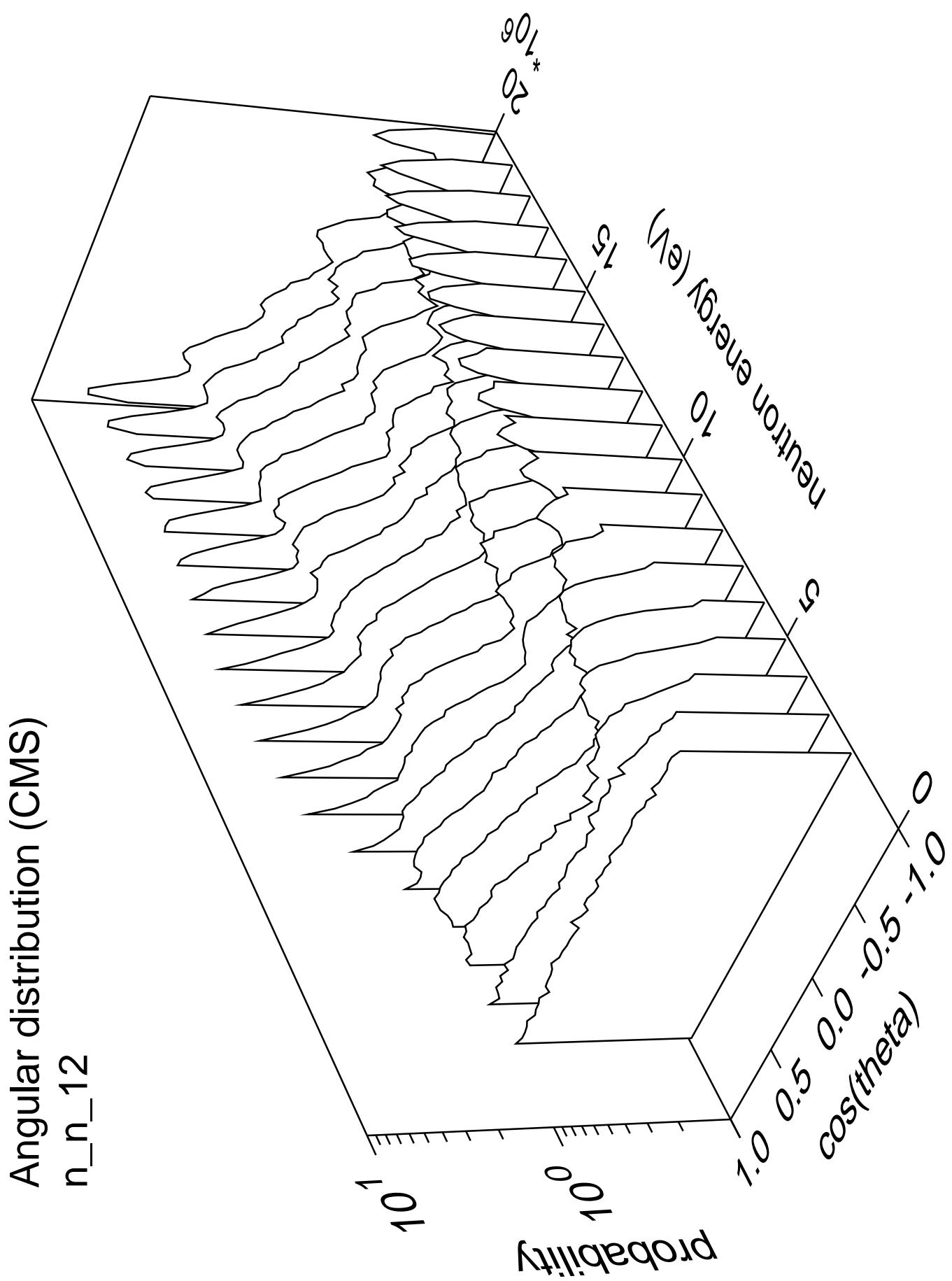


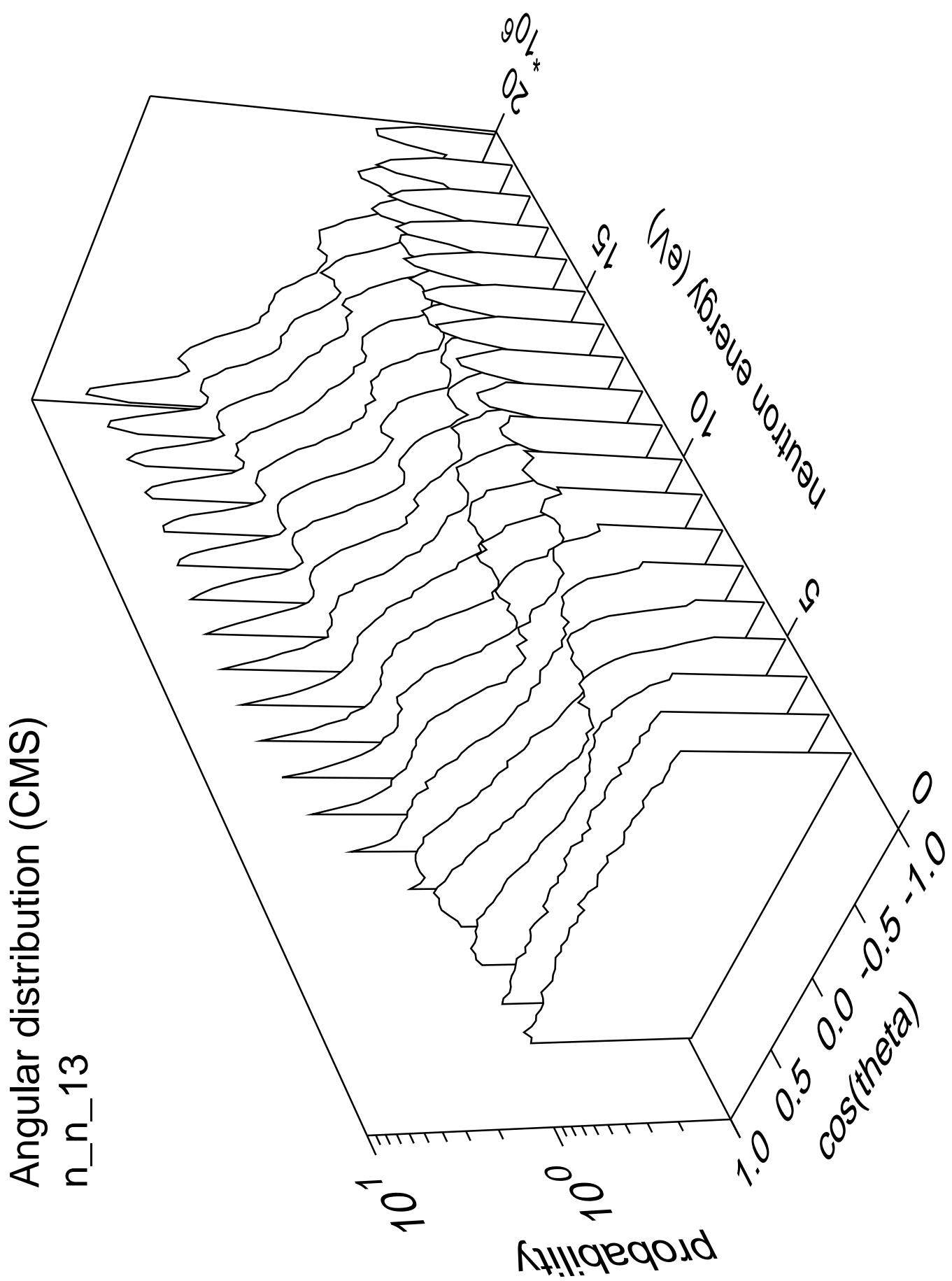






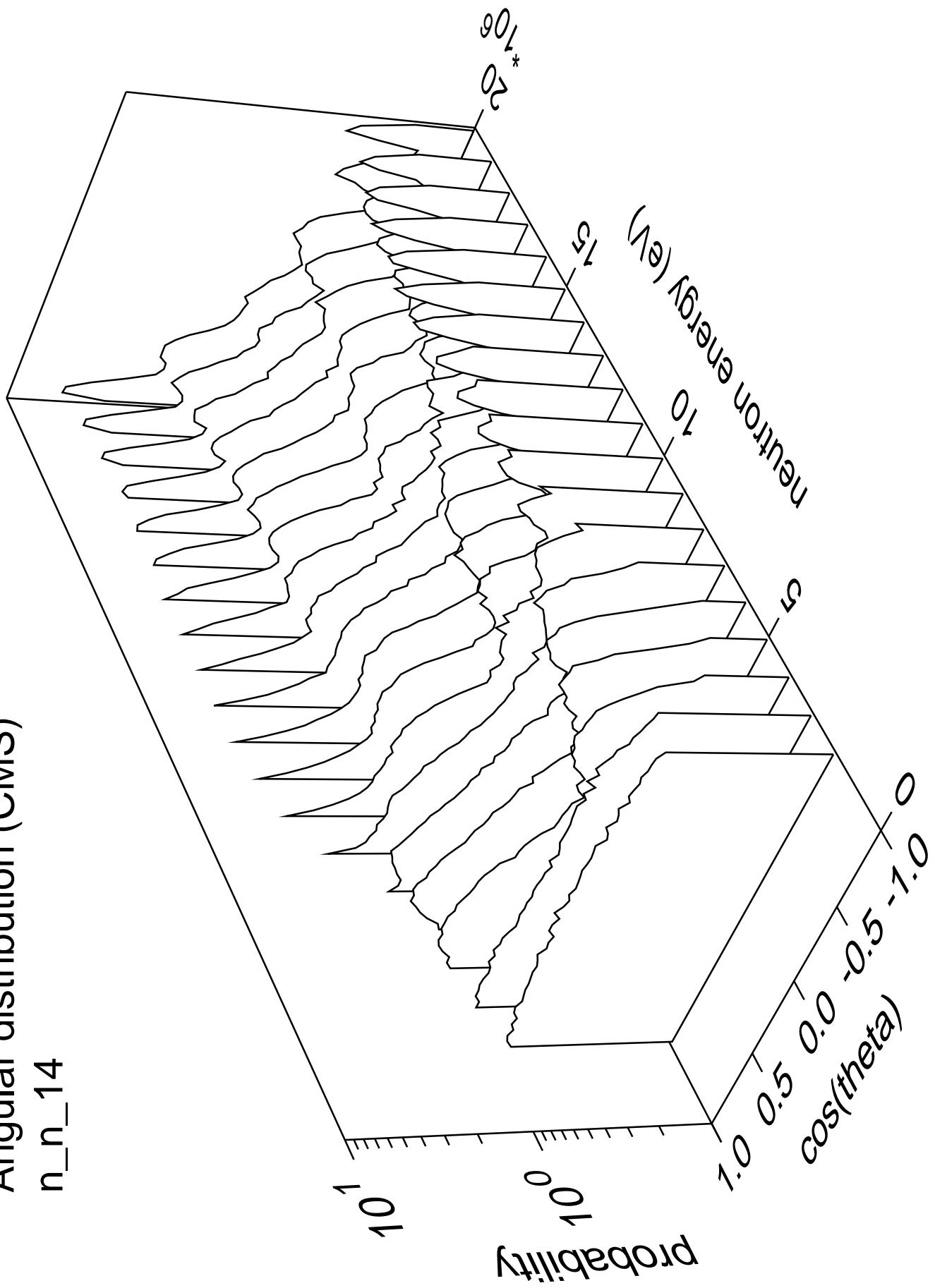


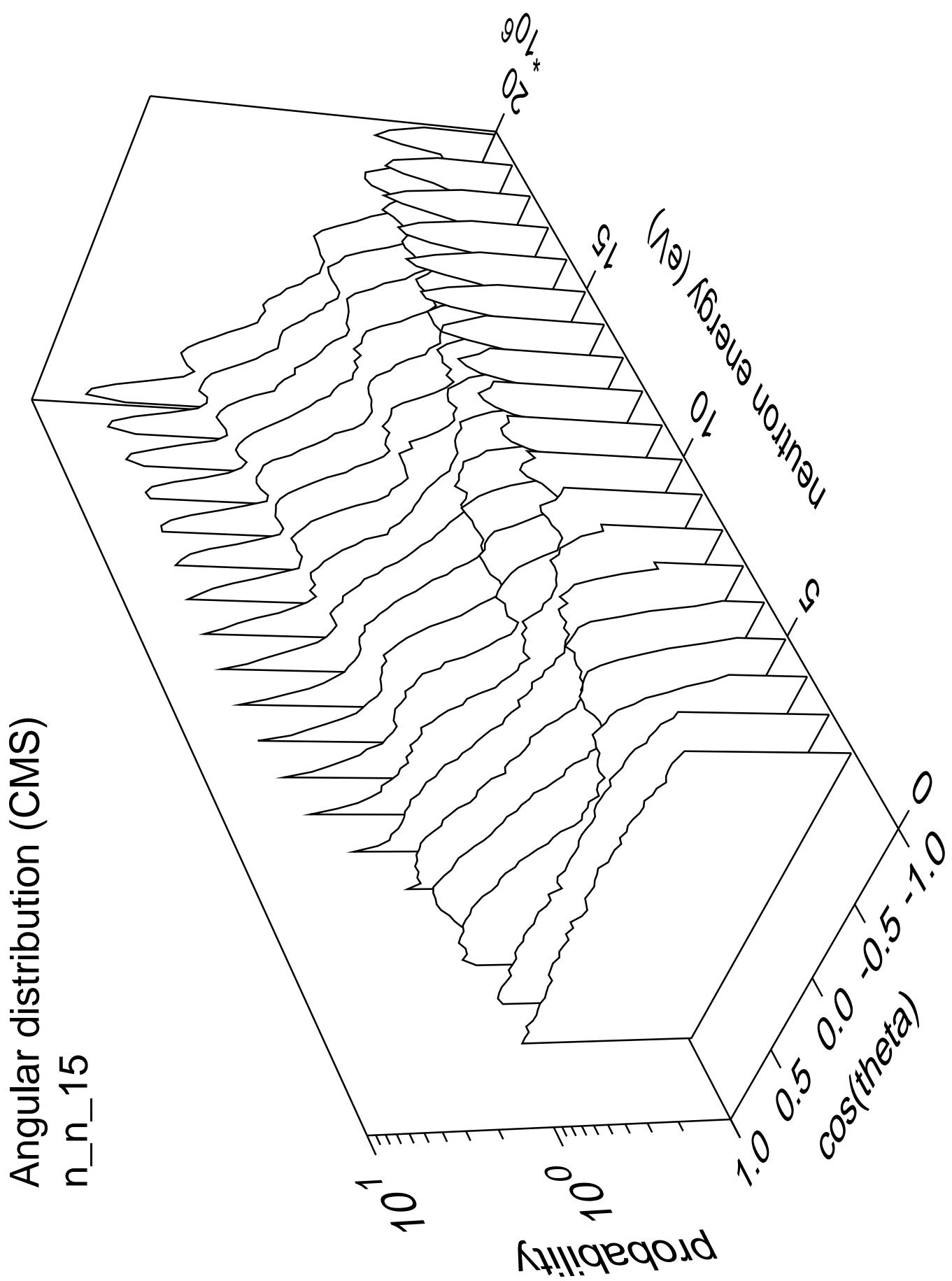


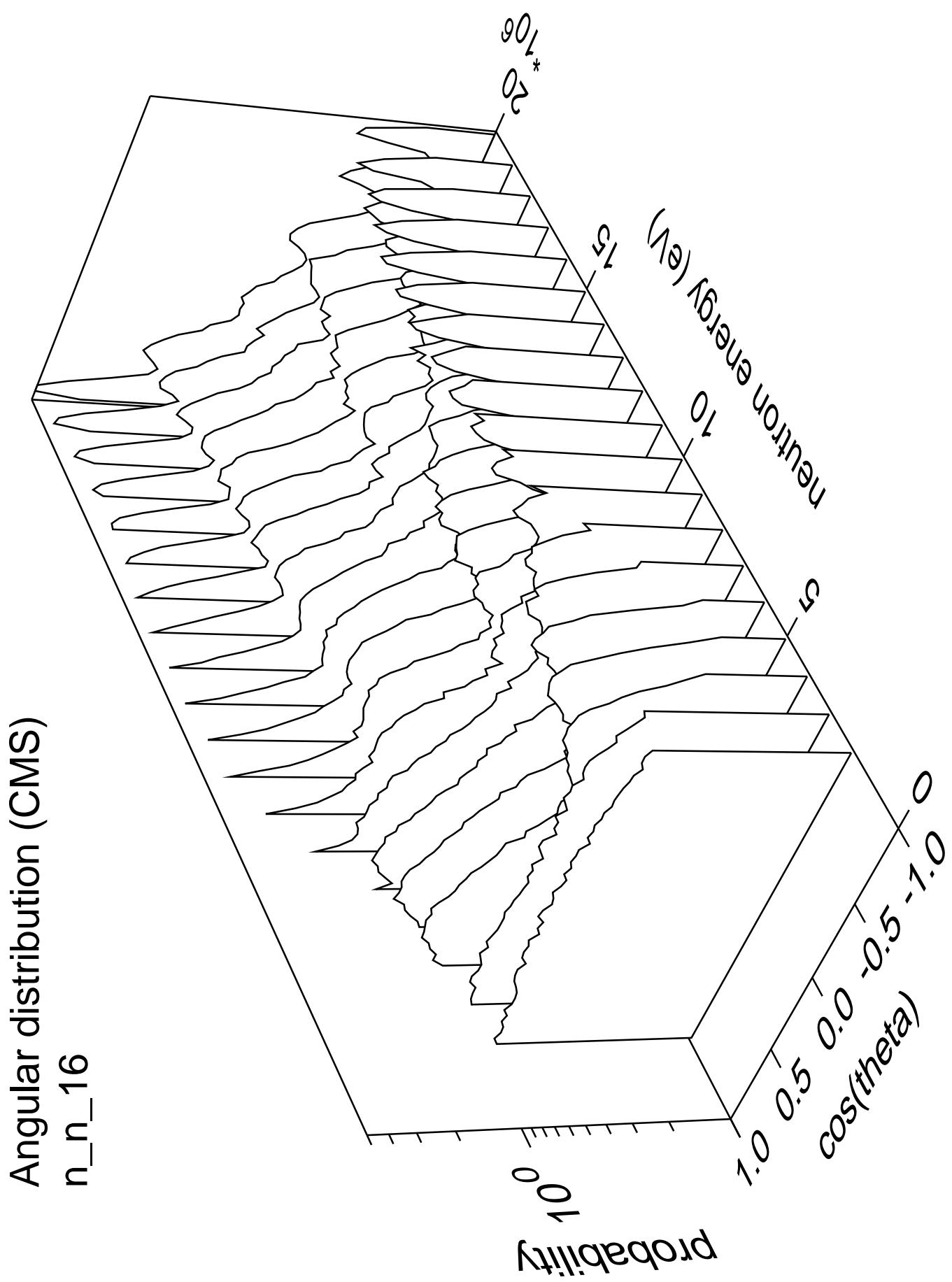


Angular distribution (CMS)

n\_n\_14

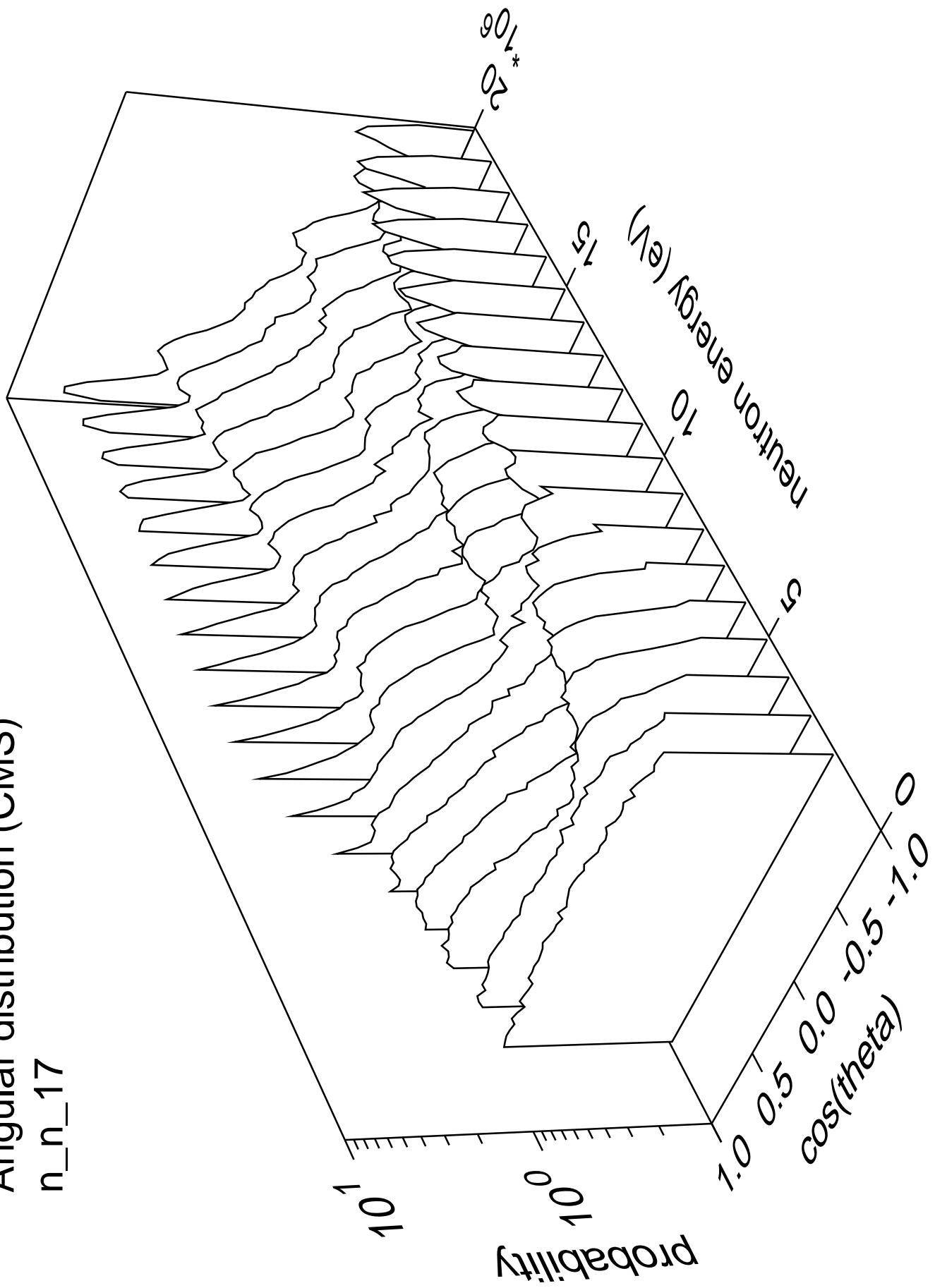


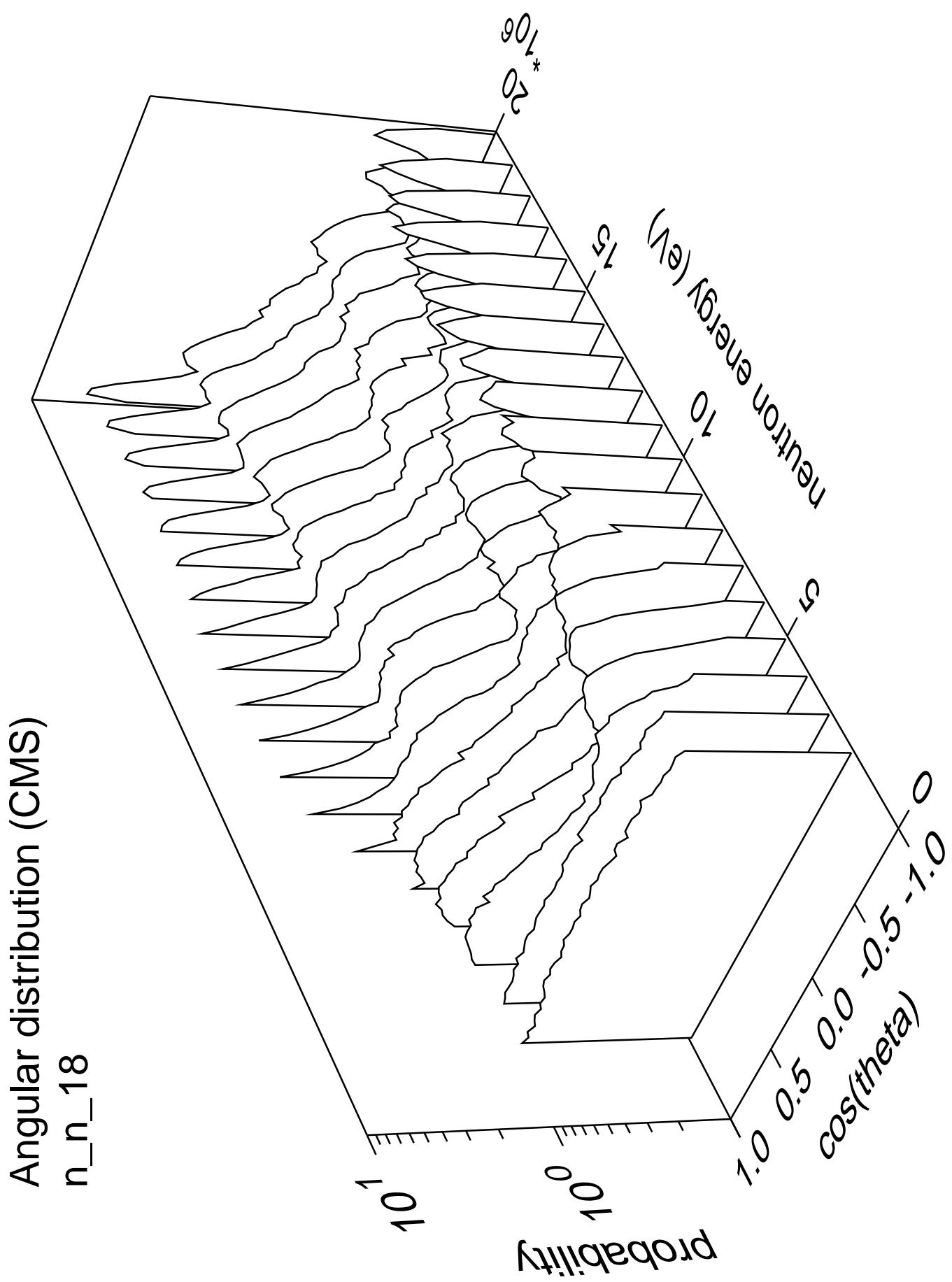


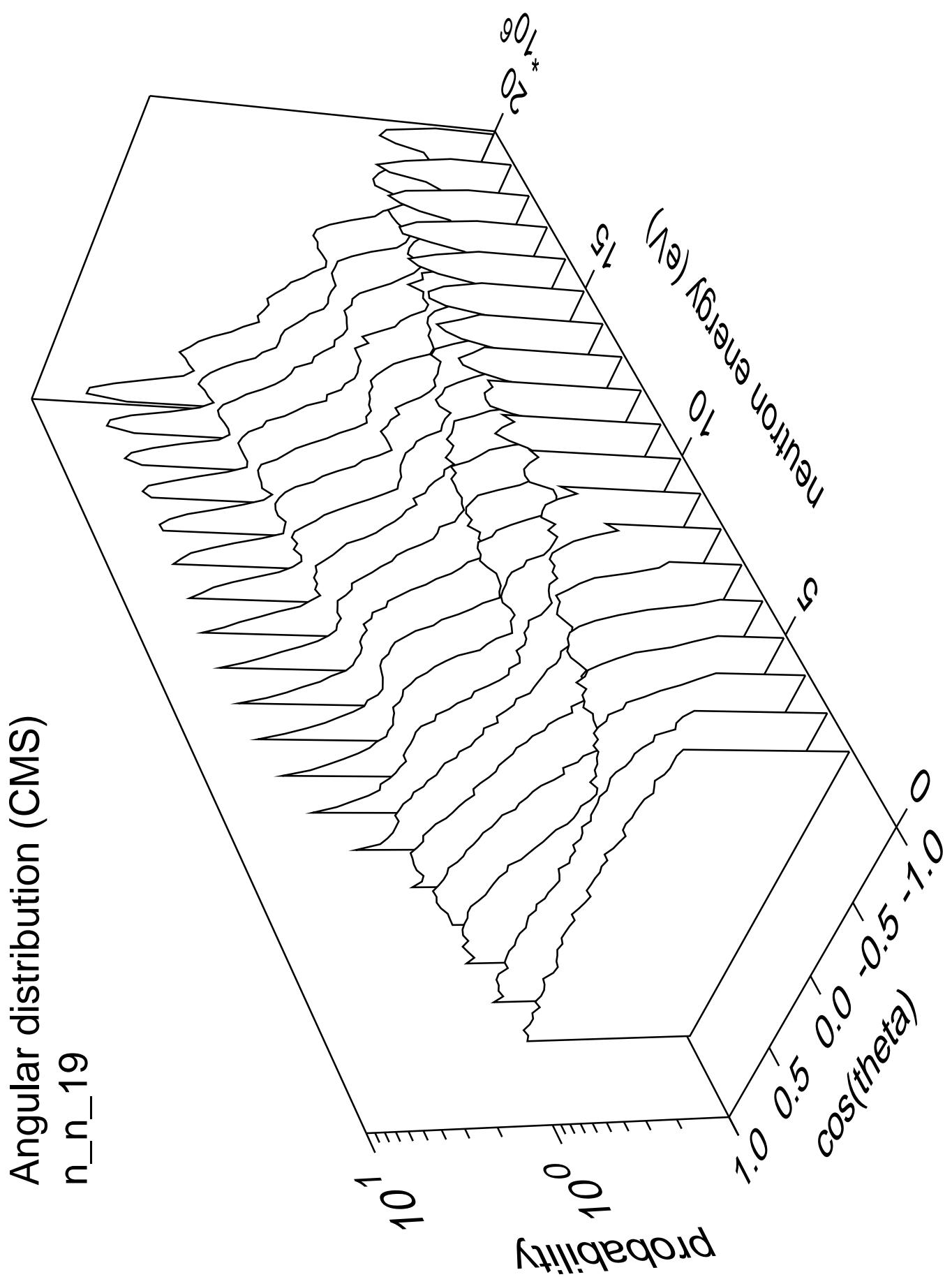


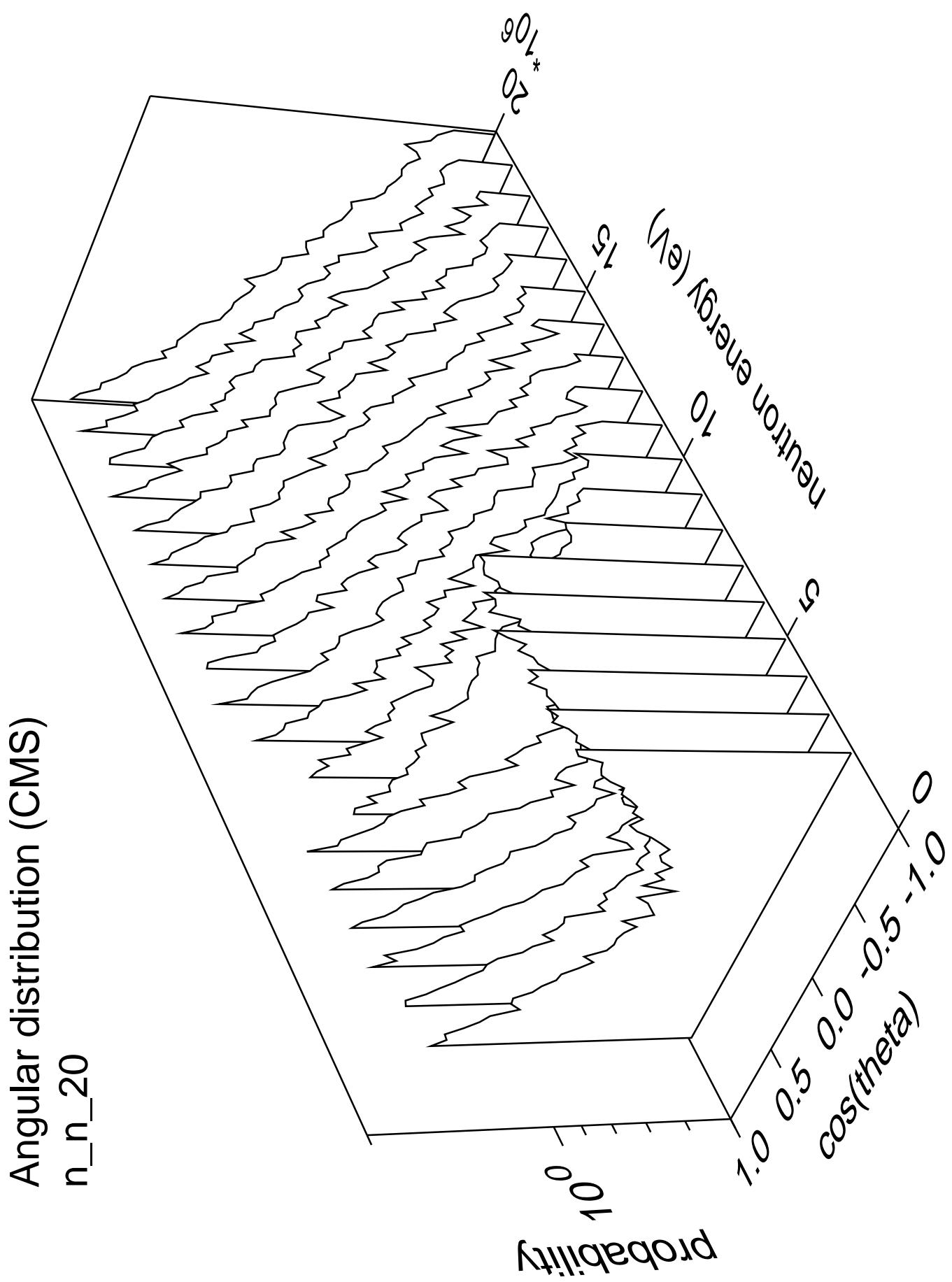
Angular distribution (CMS)

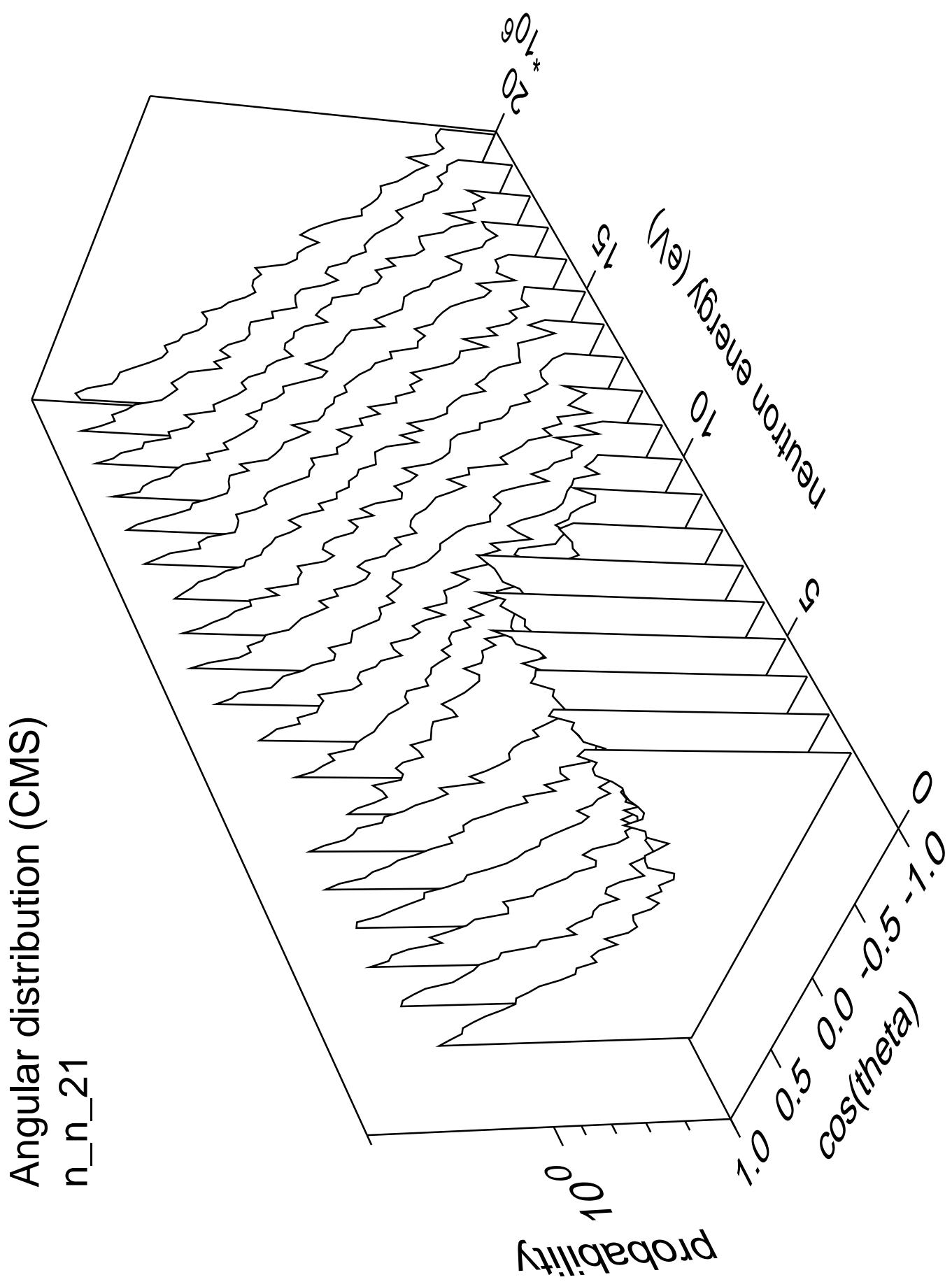
n\_n\_17

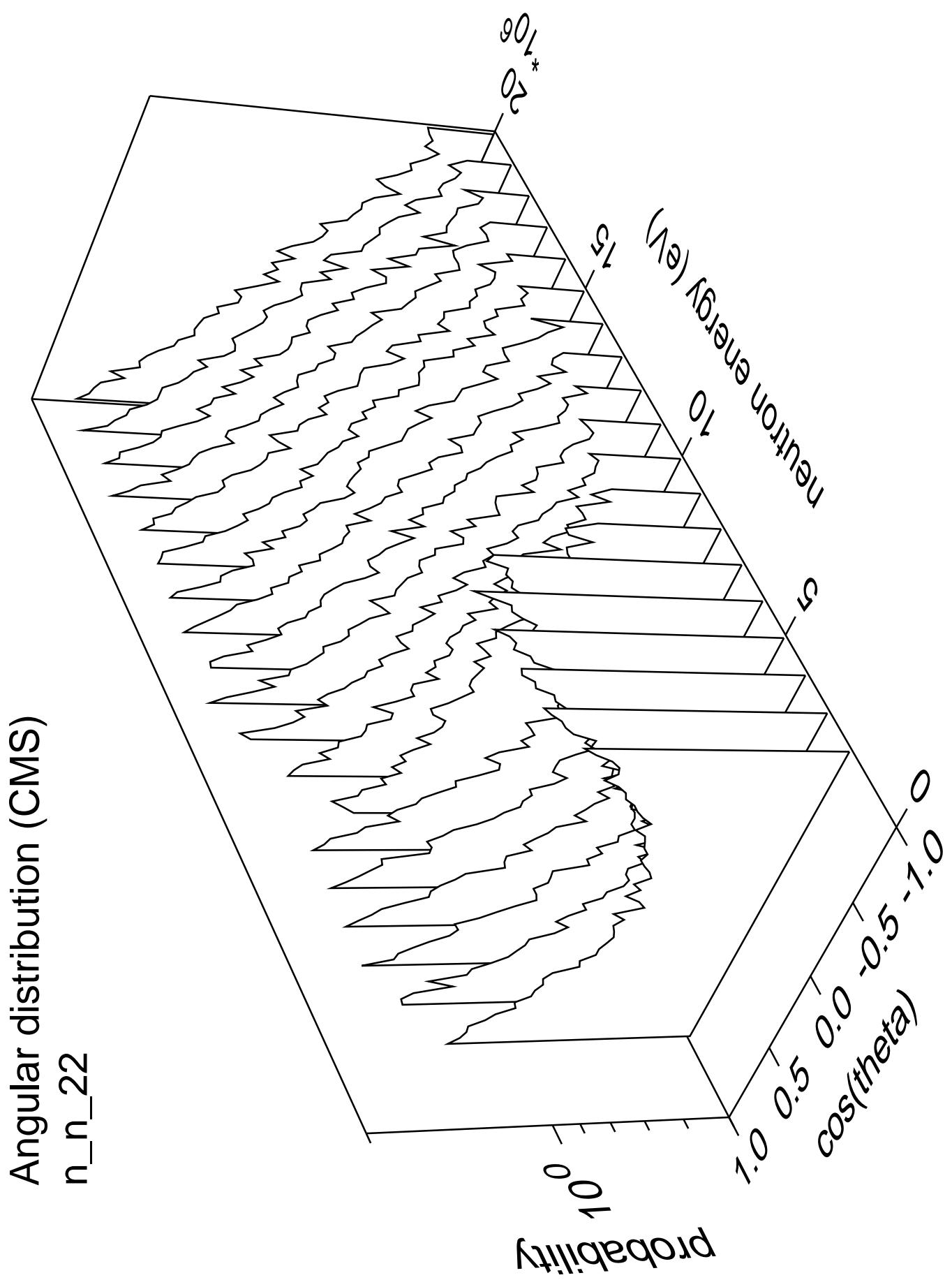


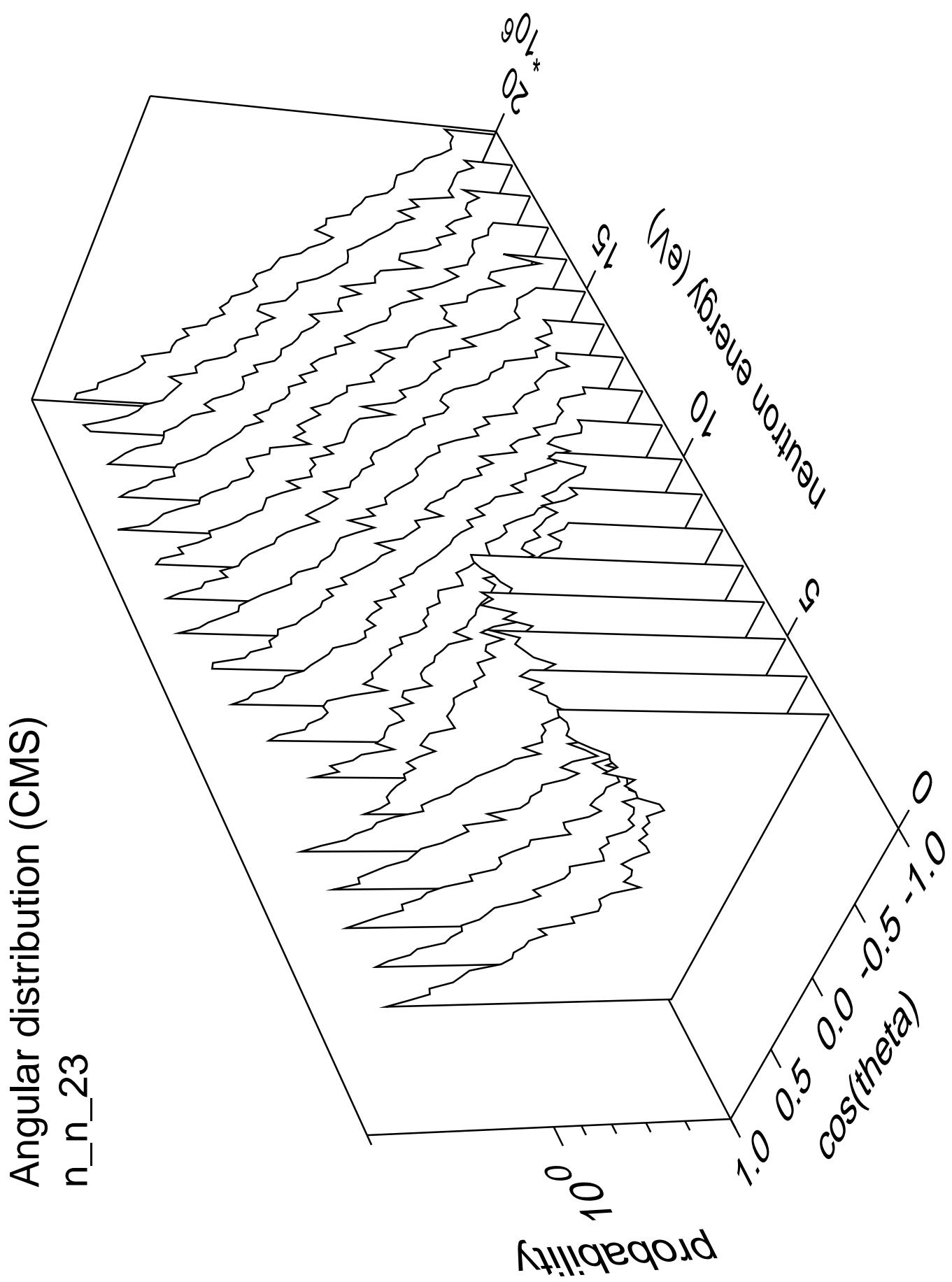


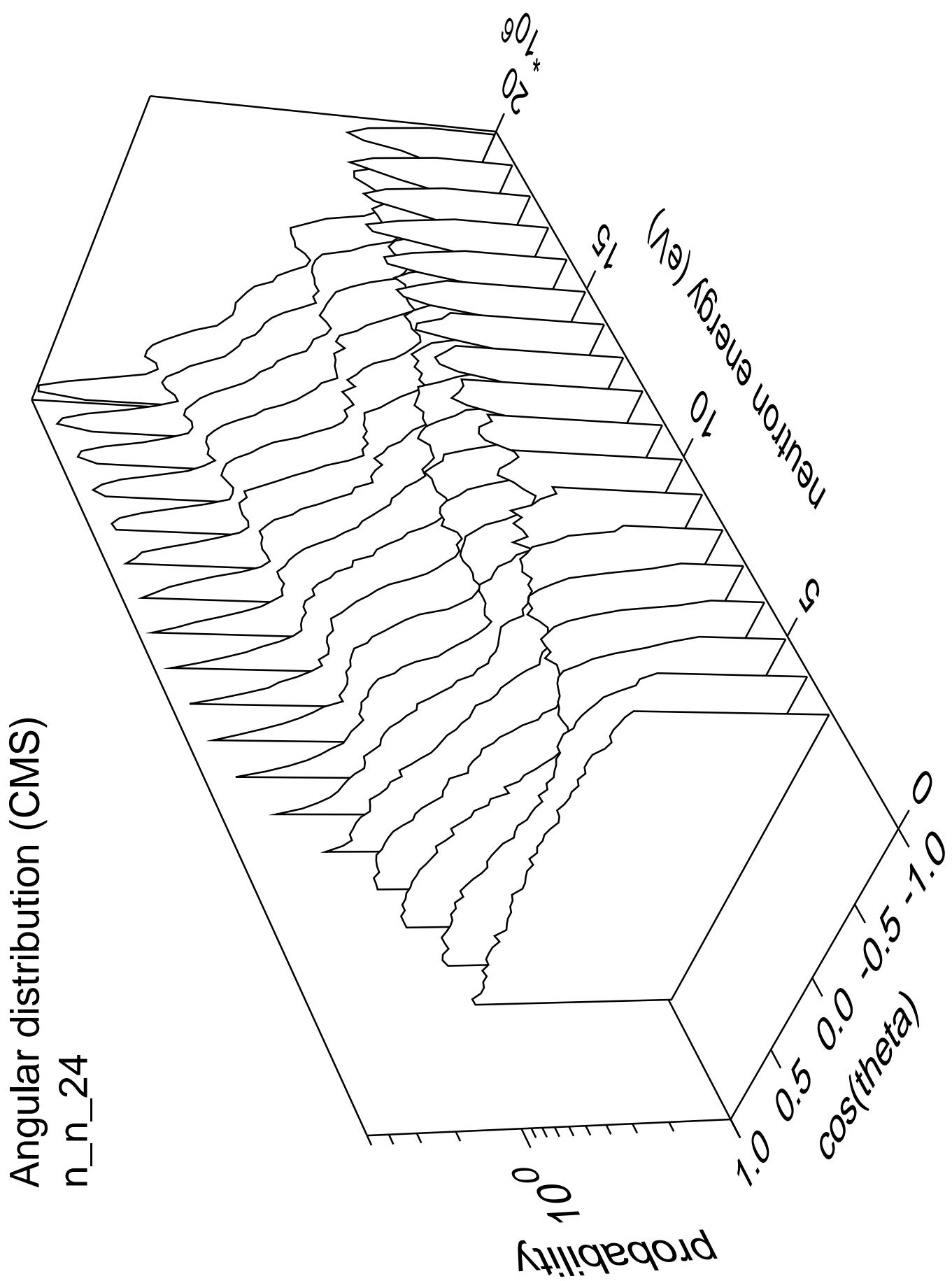


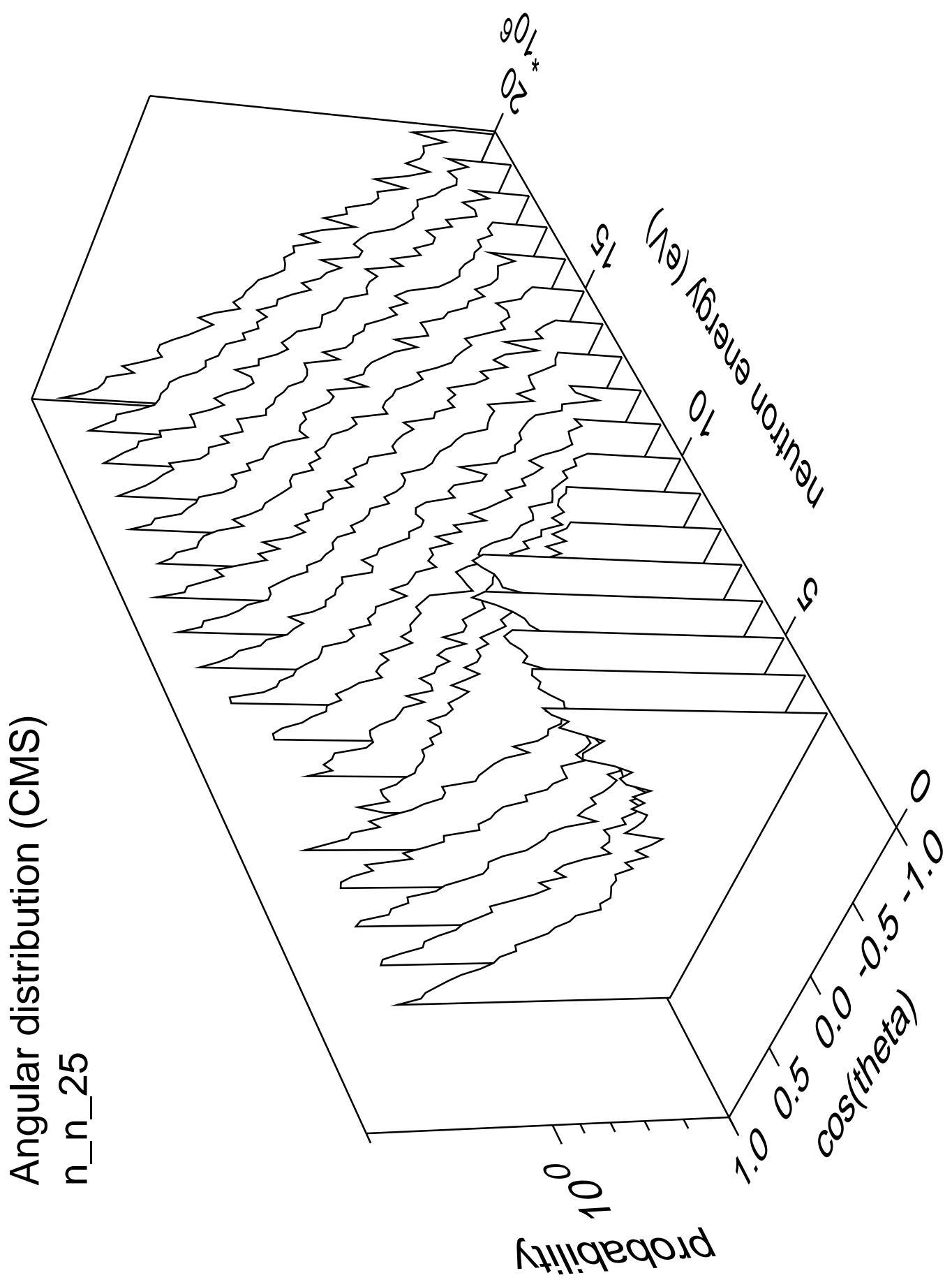


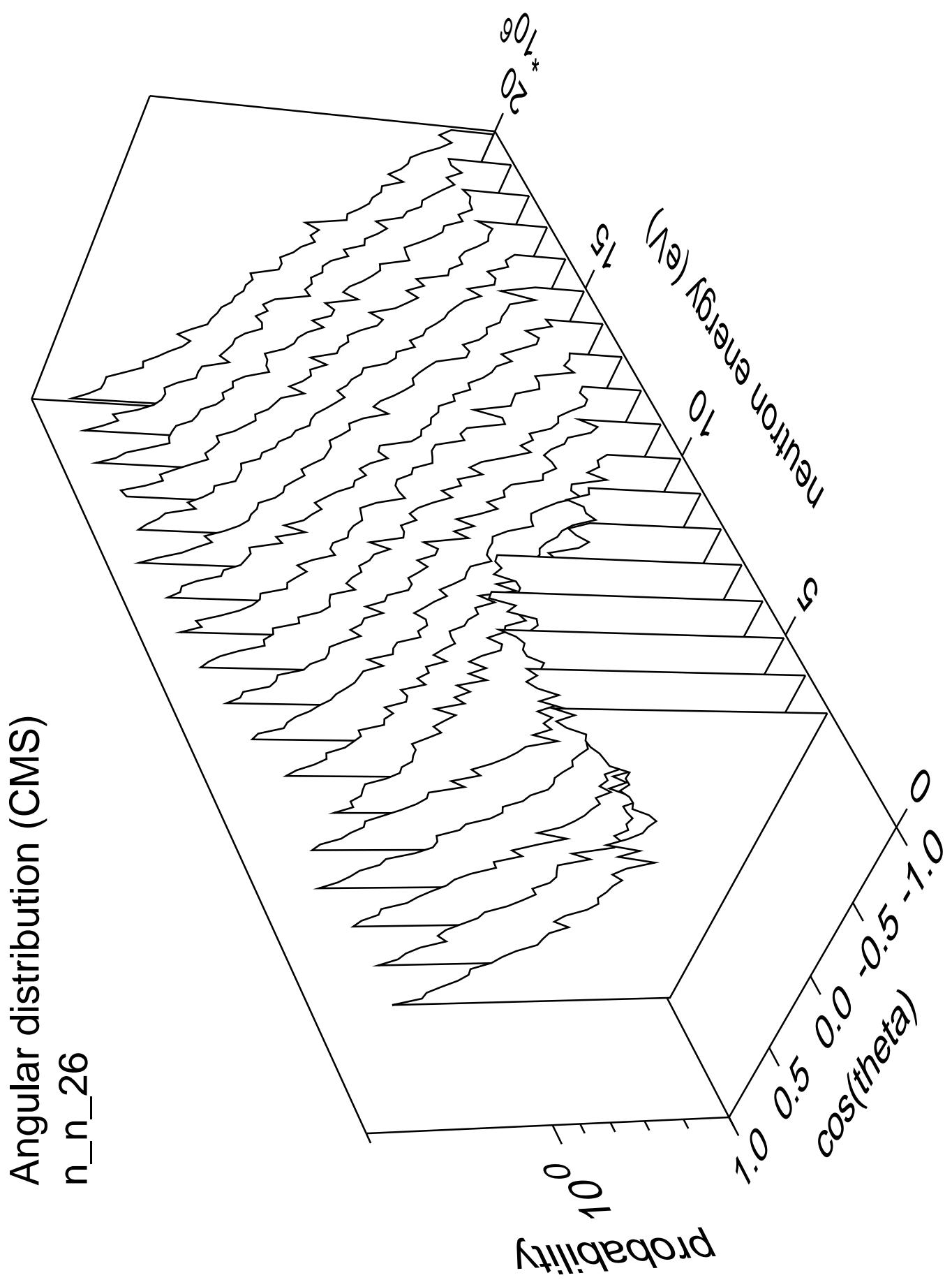


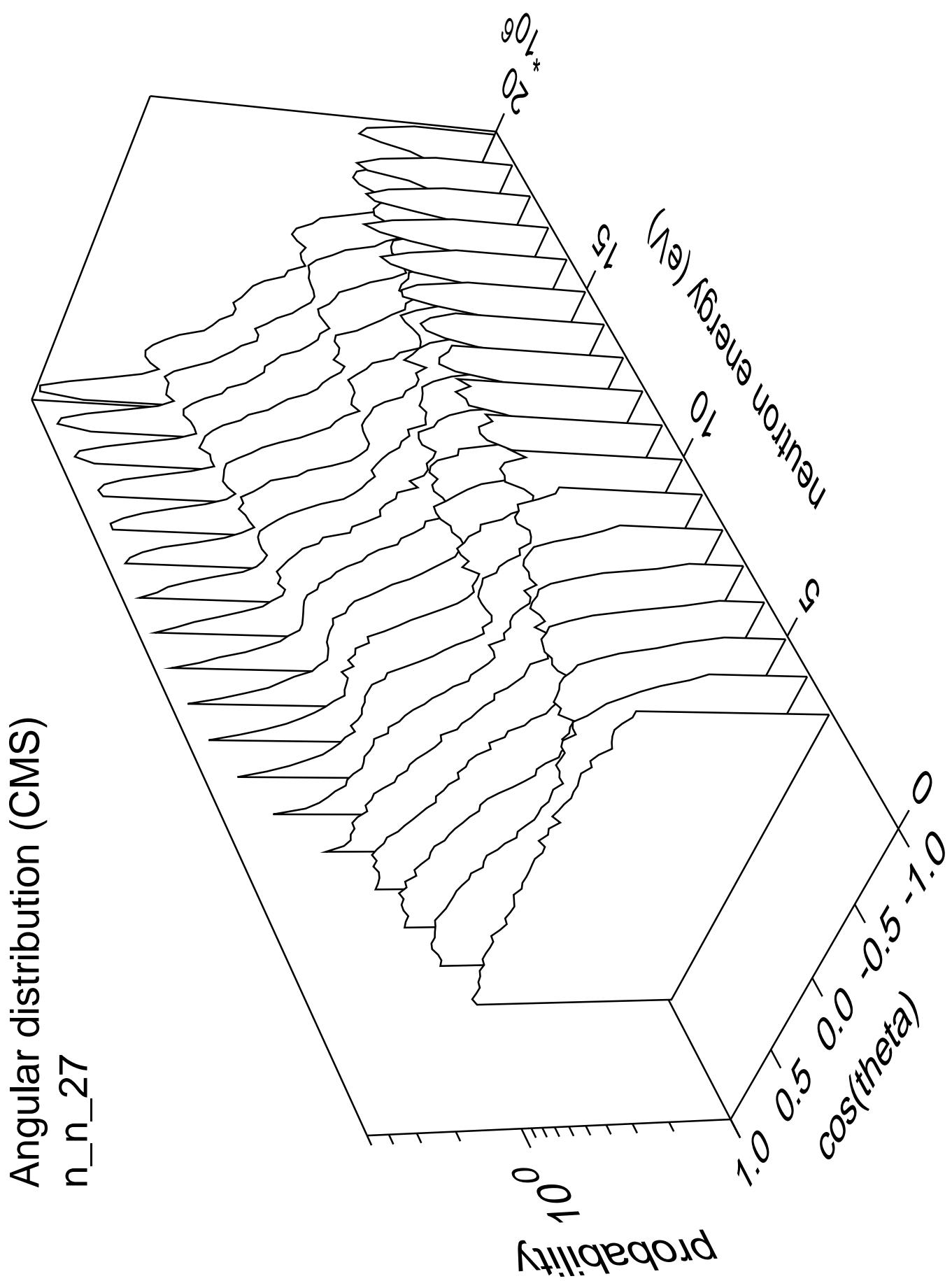


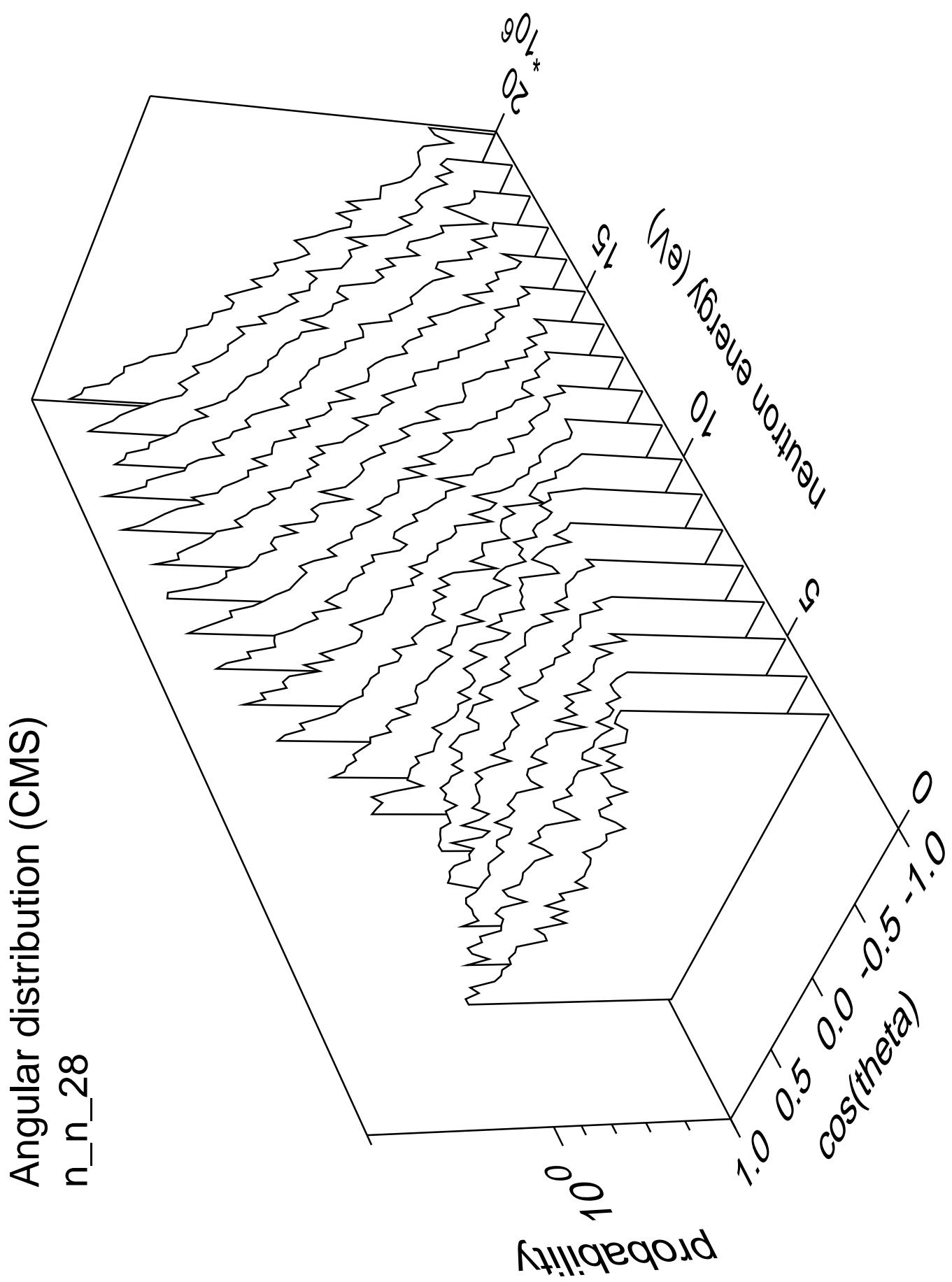


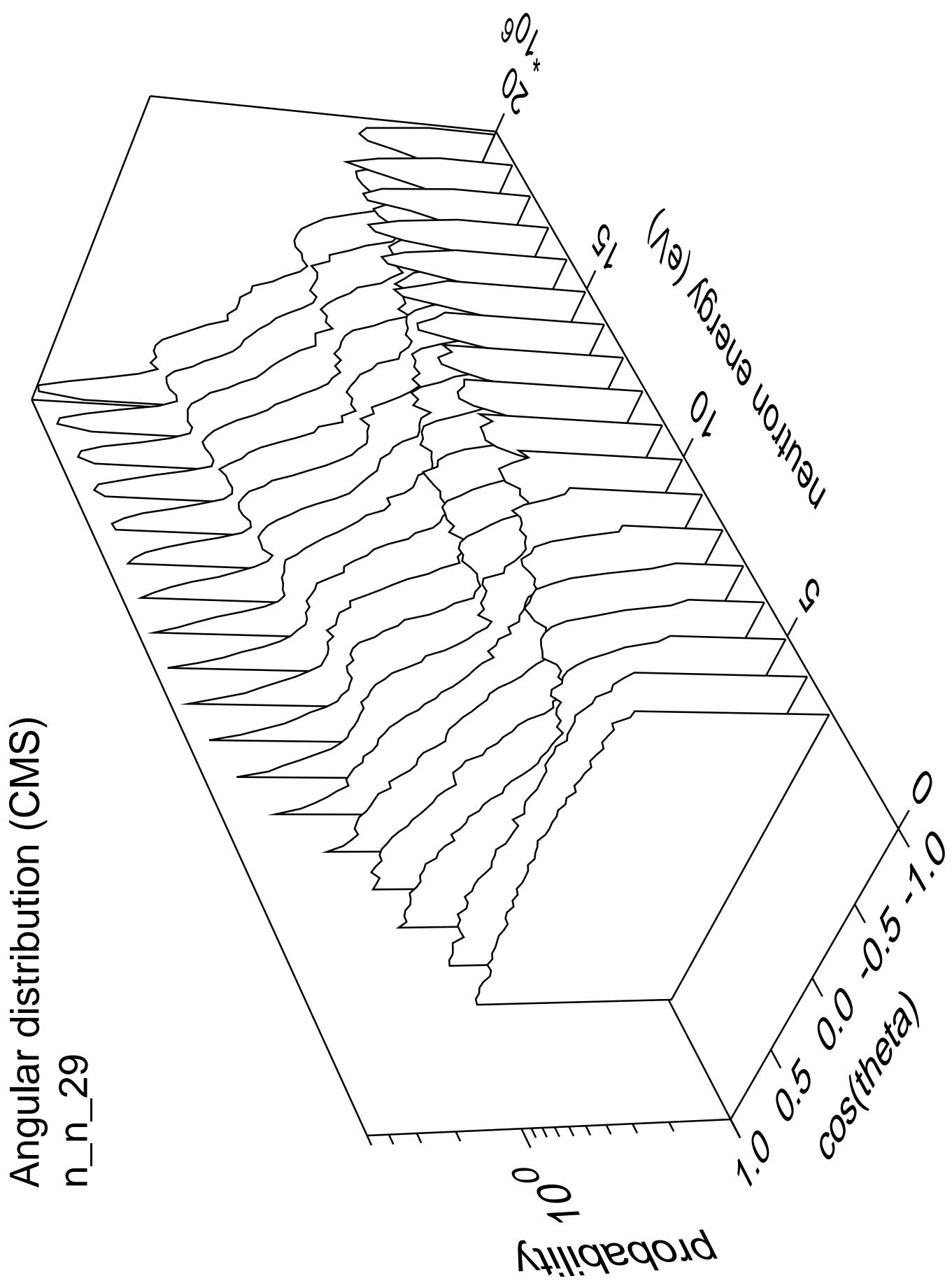


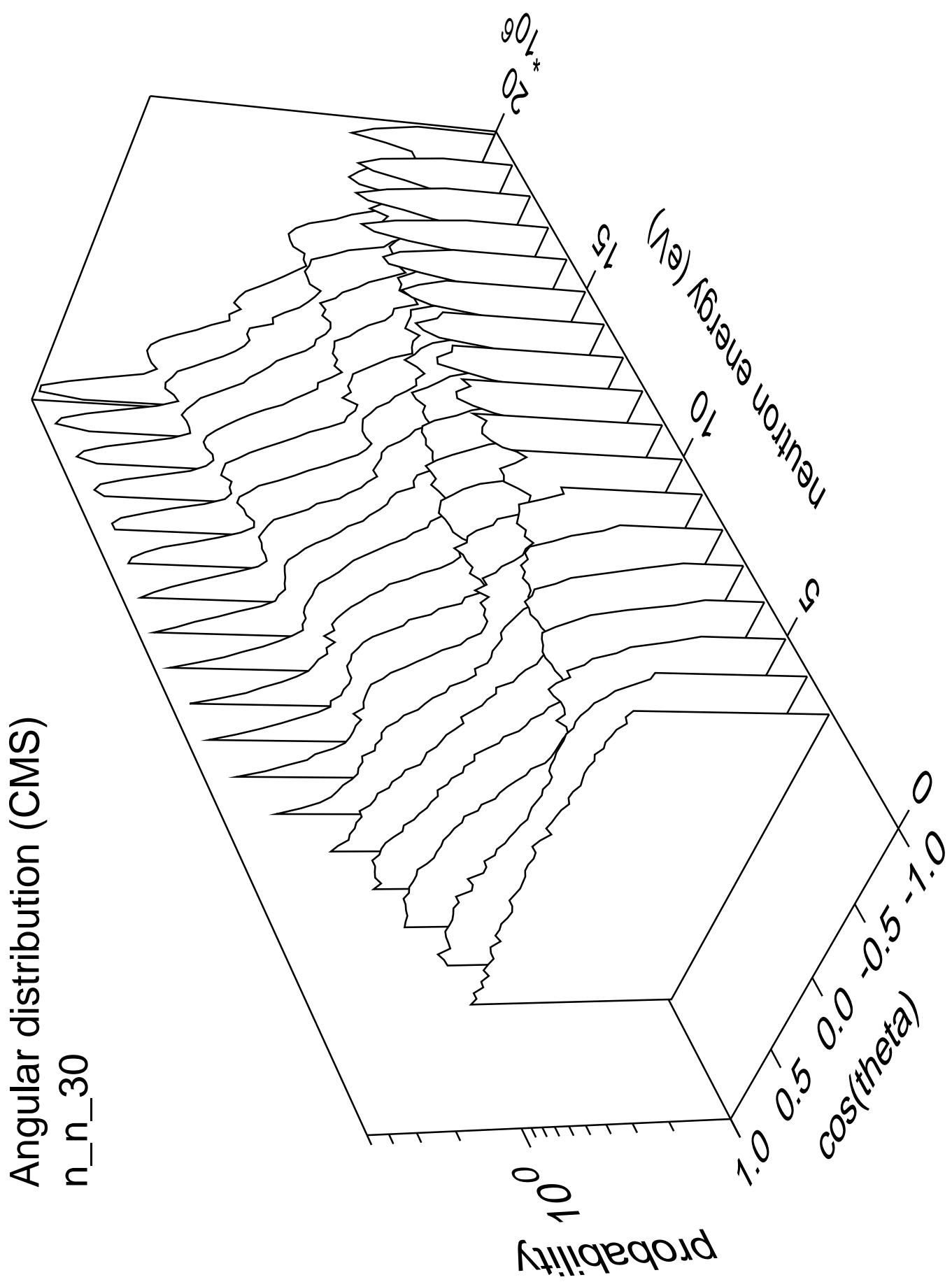


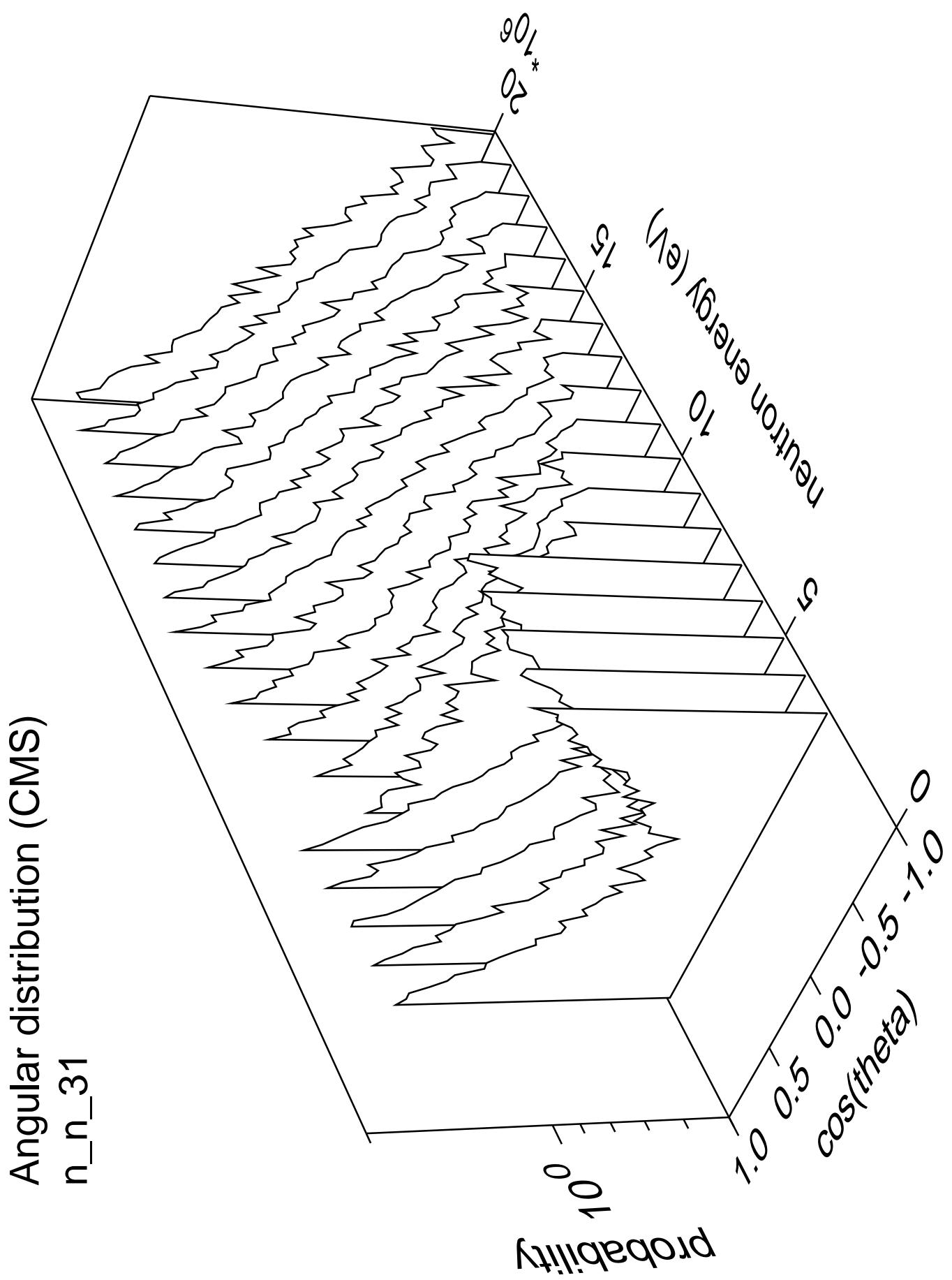


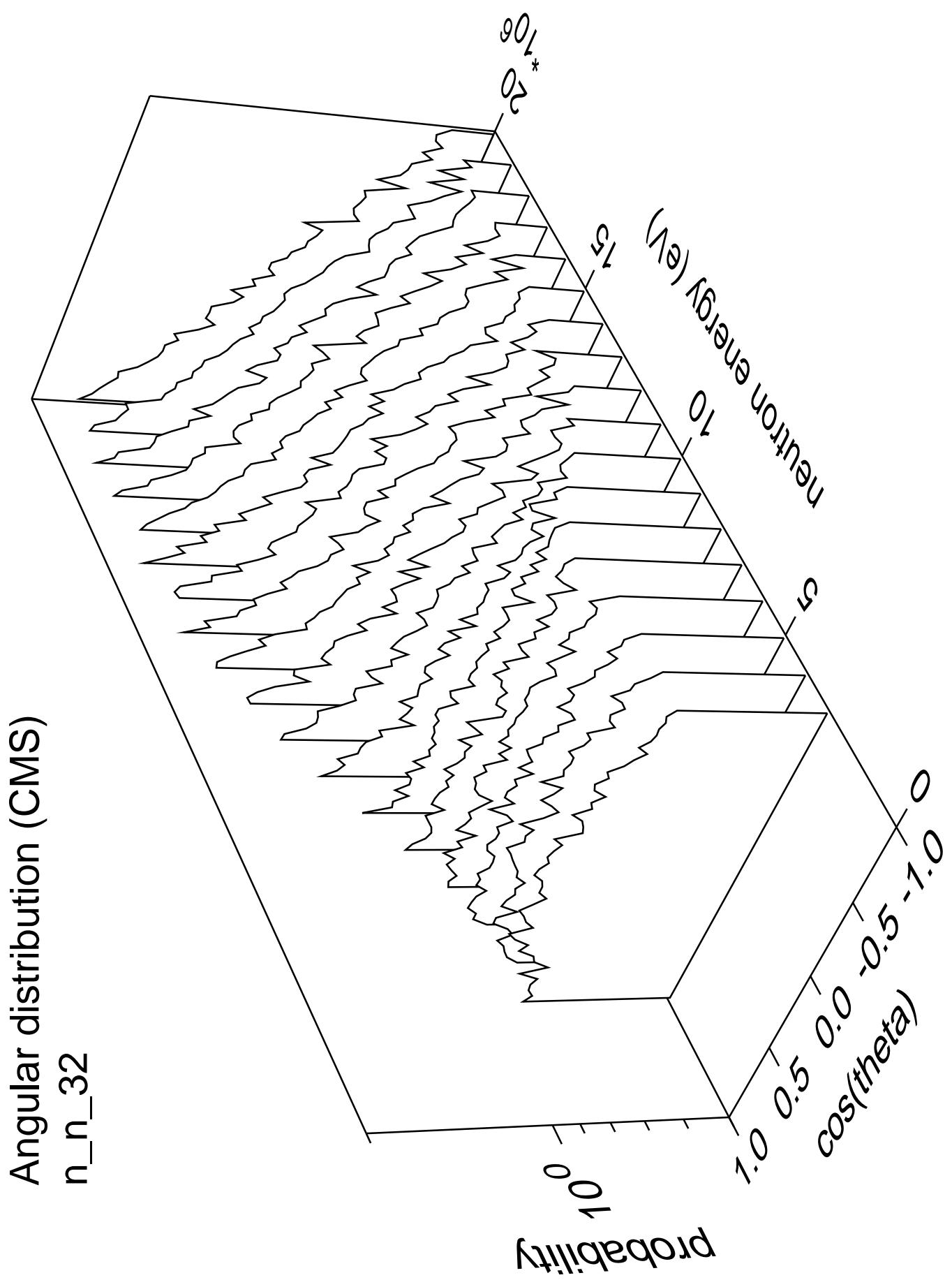


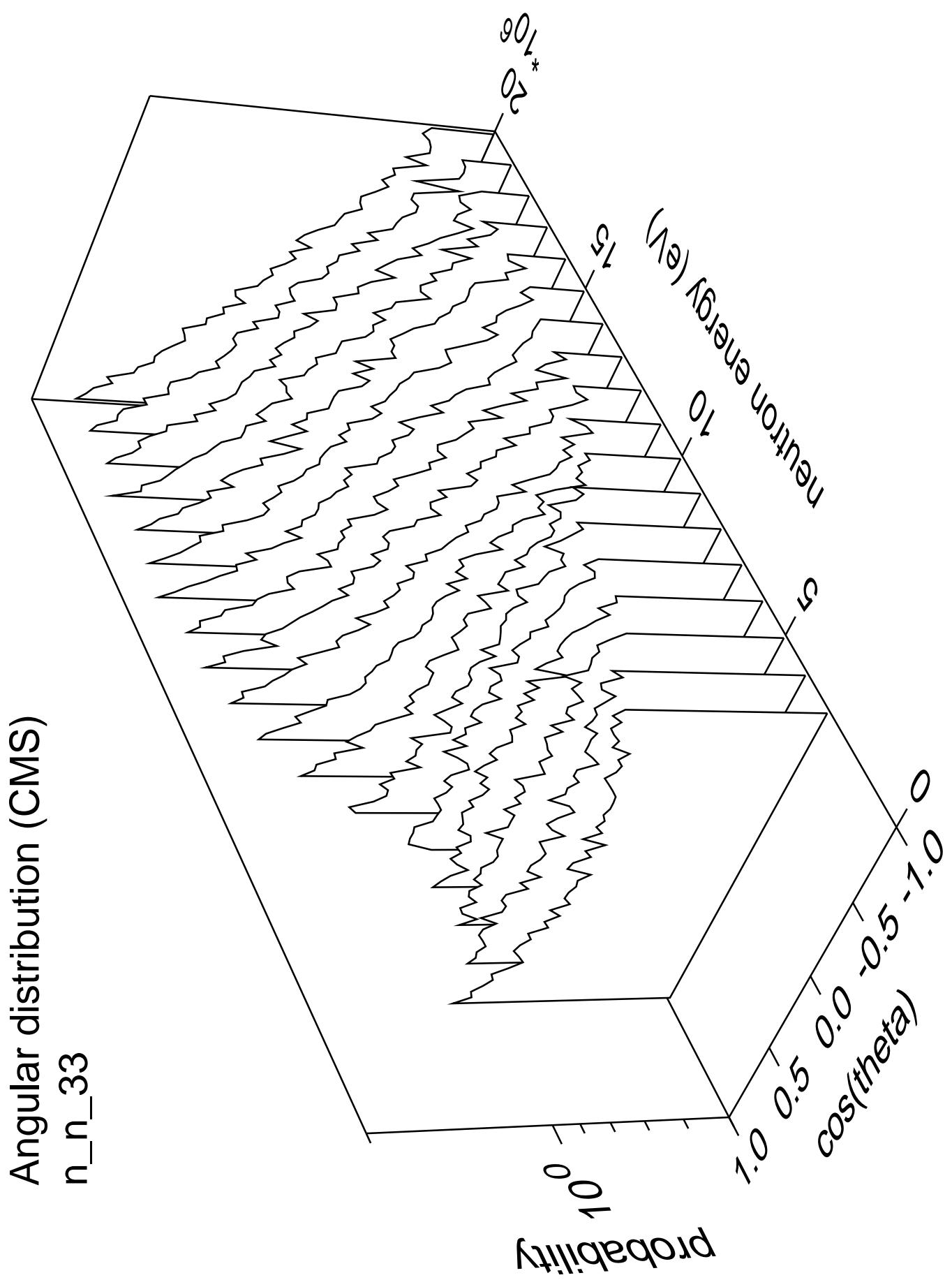




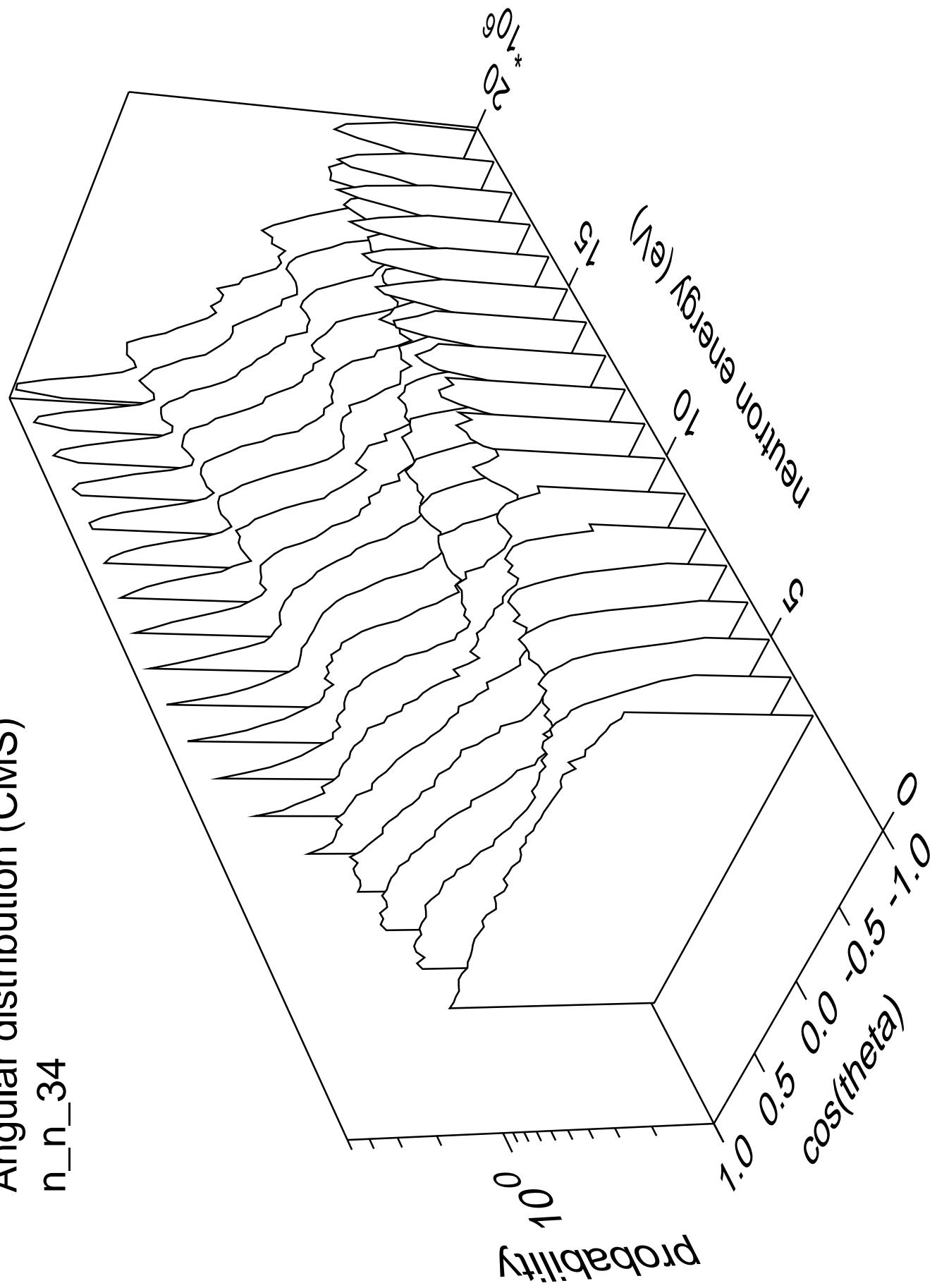


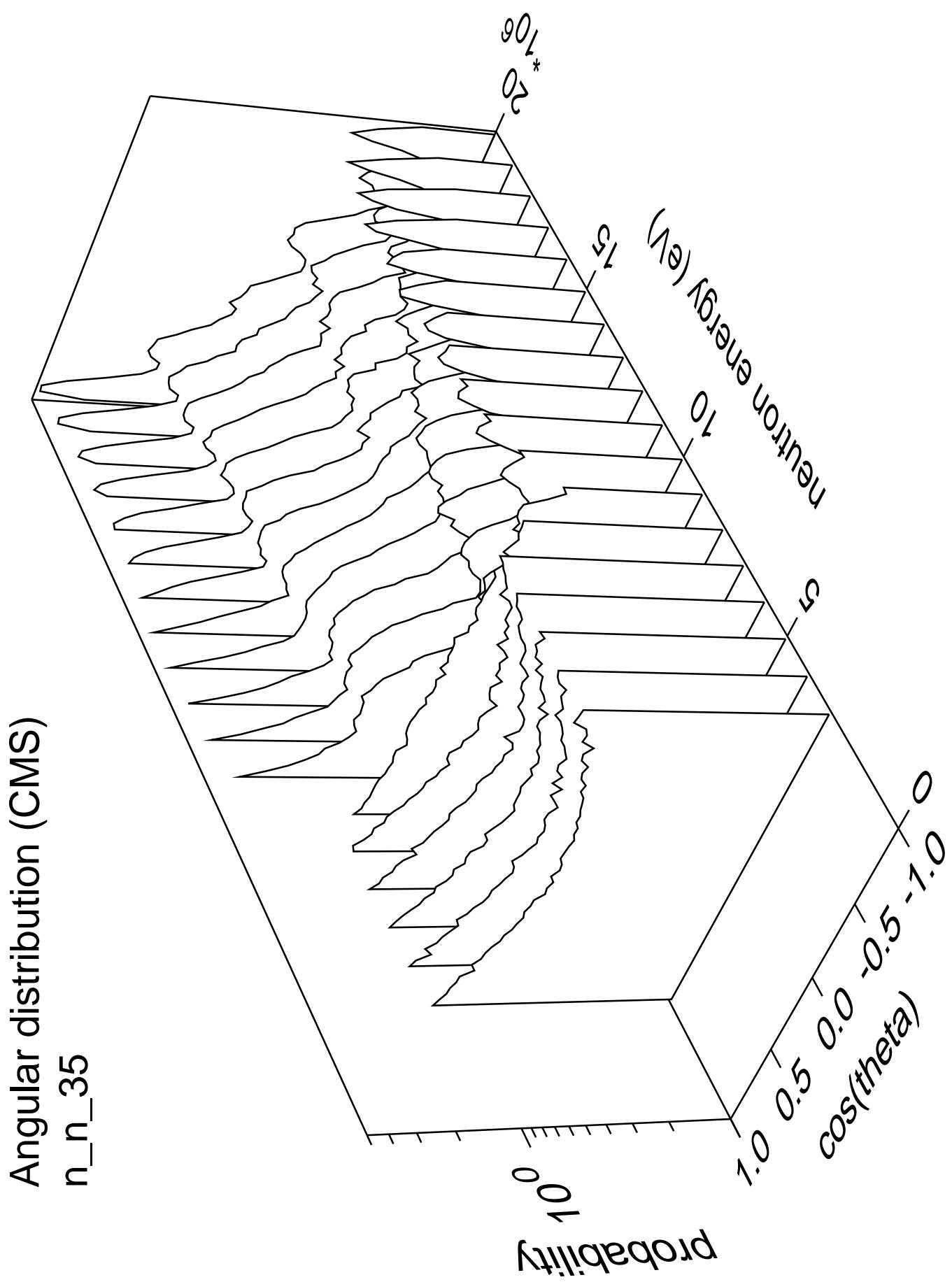


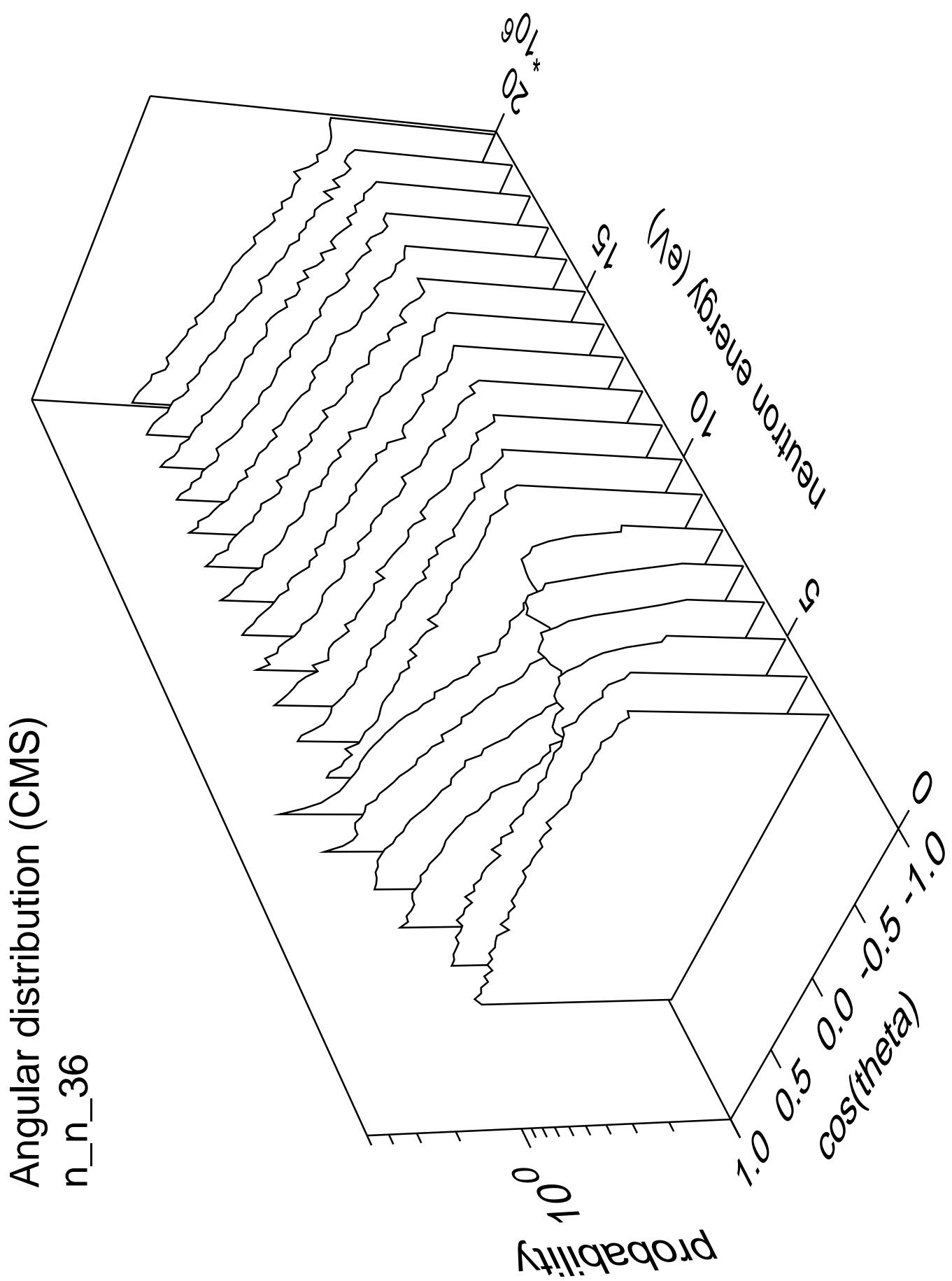


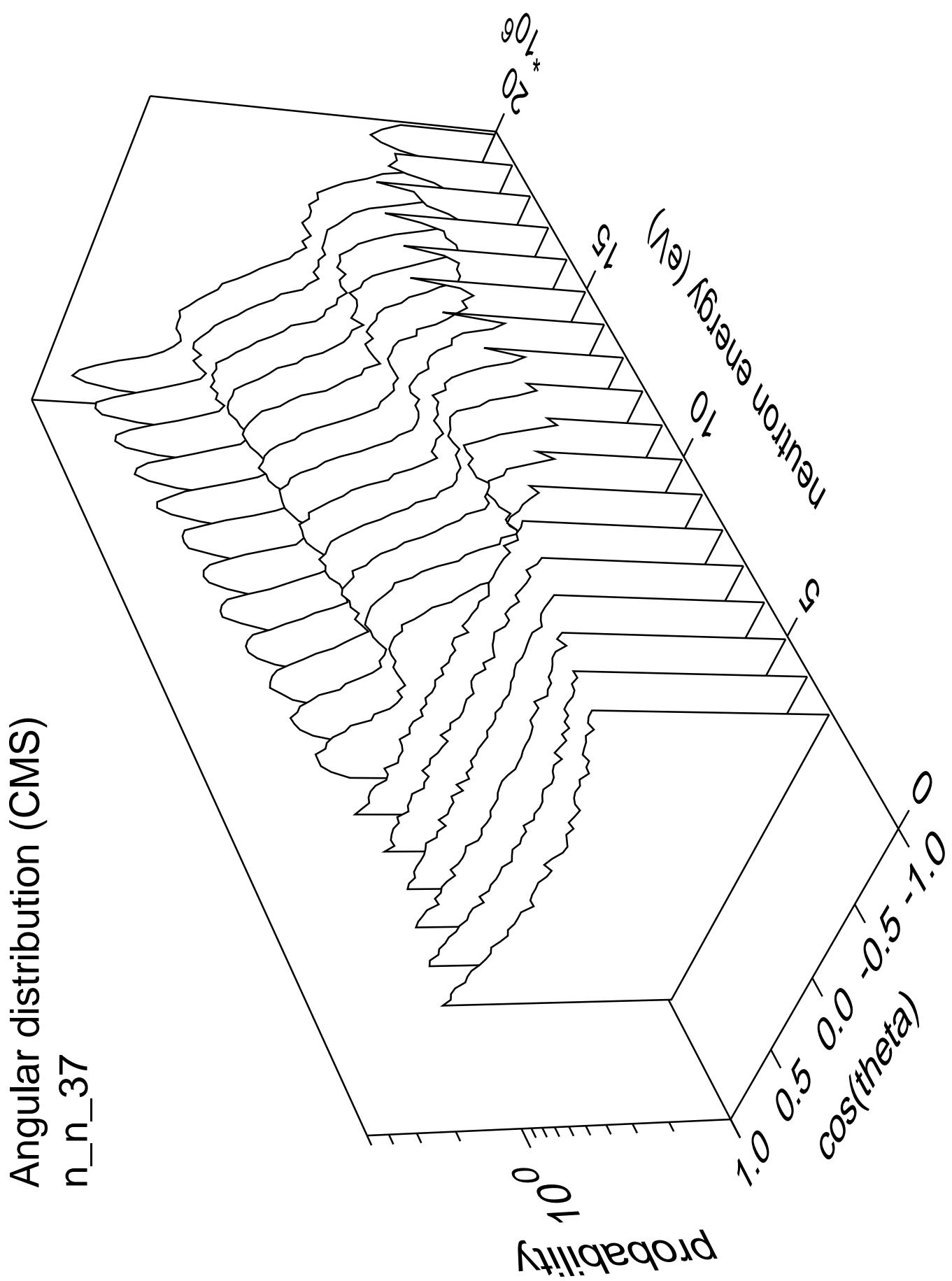


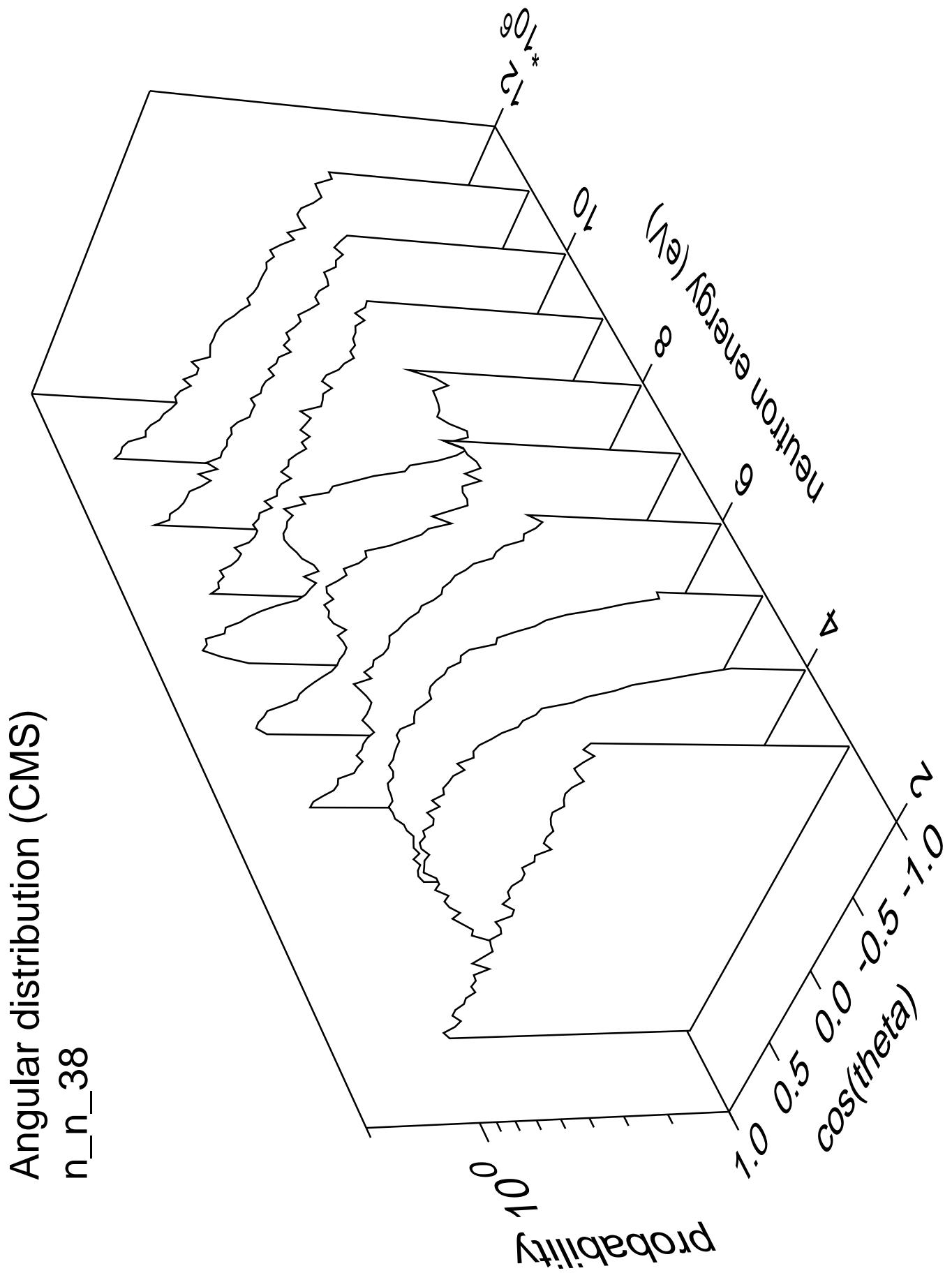
Angular distribution (CMS)  
n\_n\_34

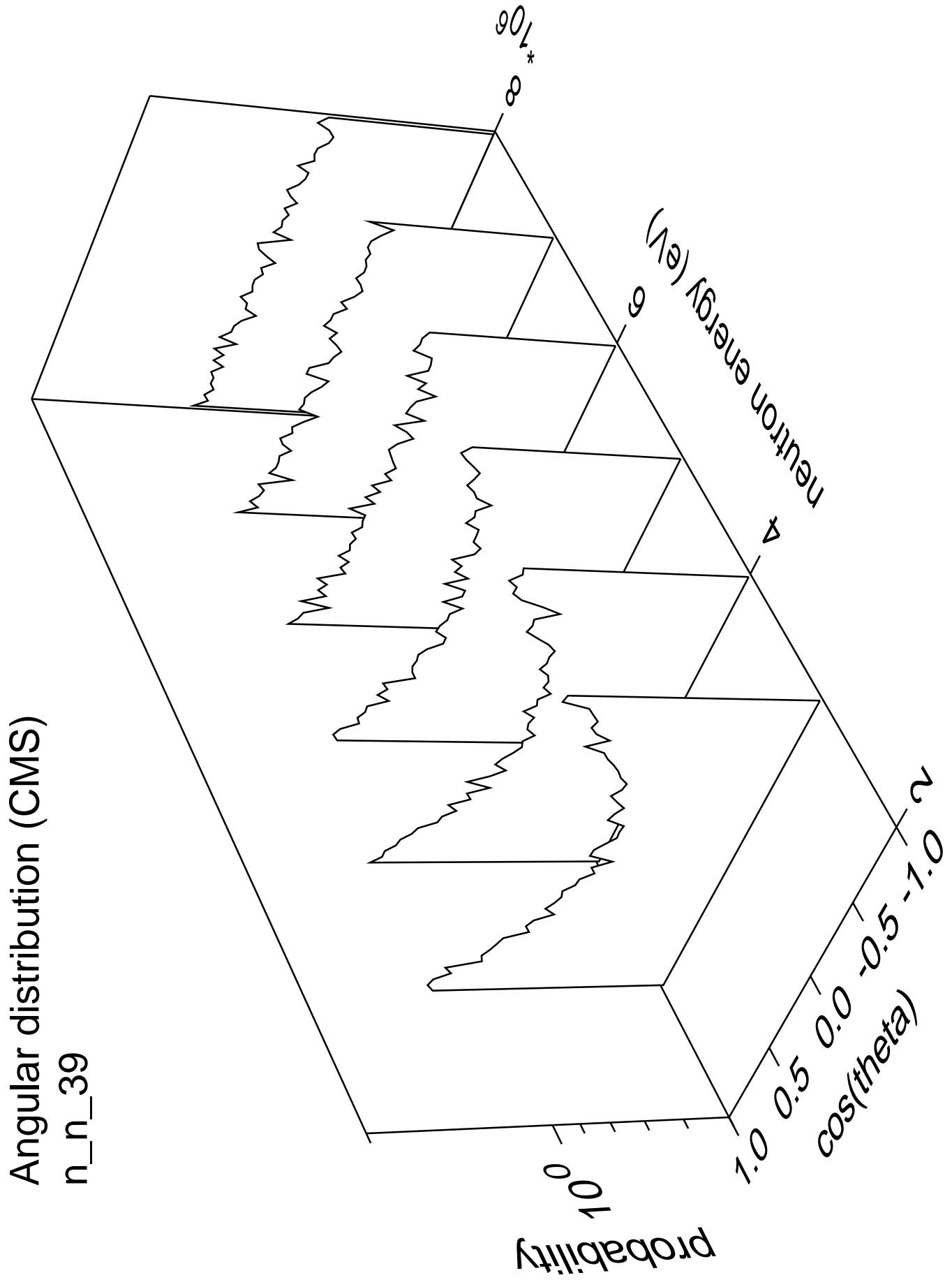


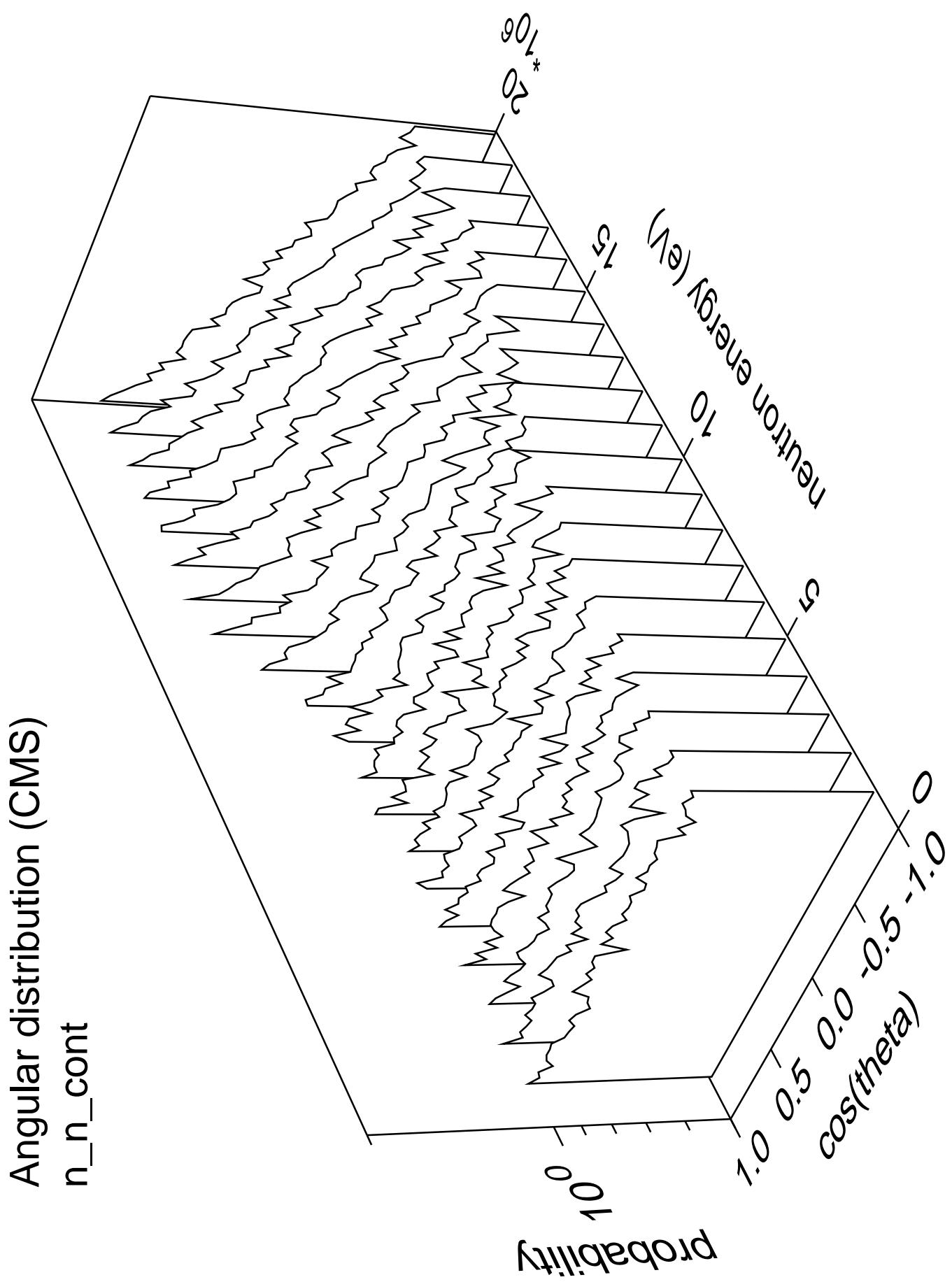


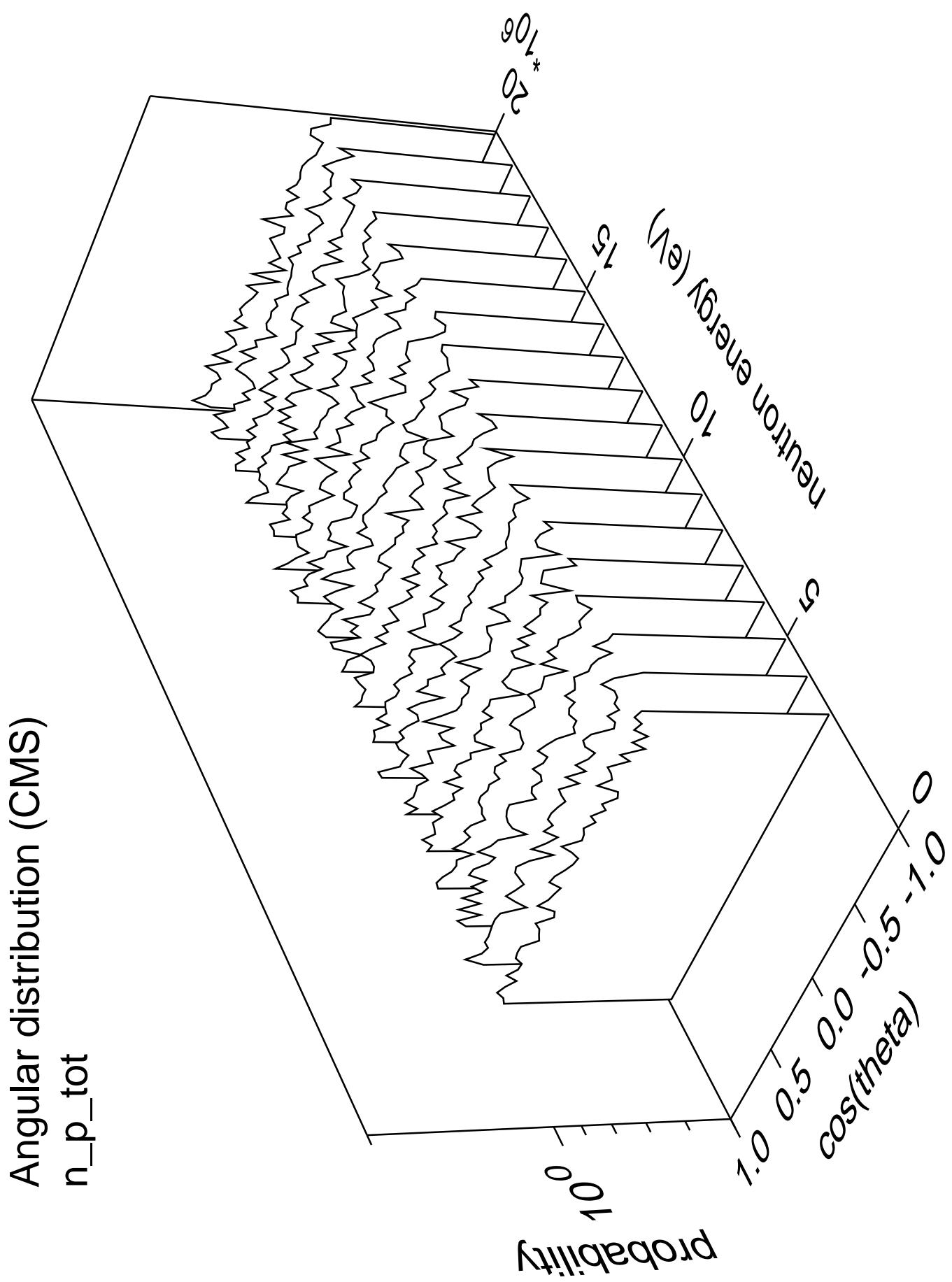


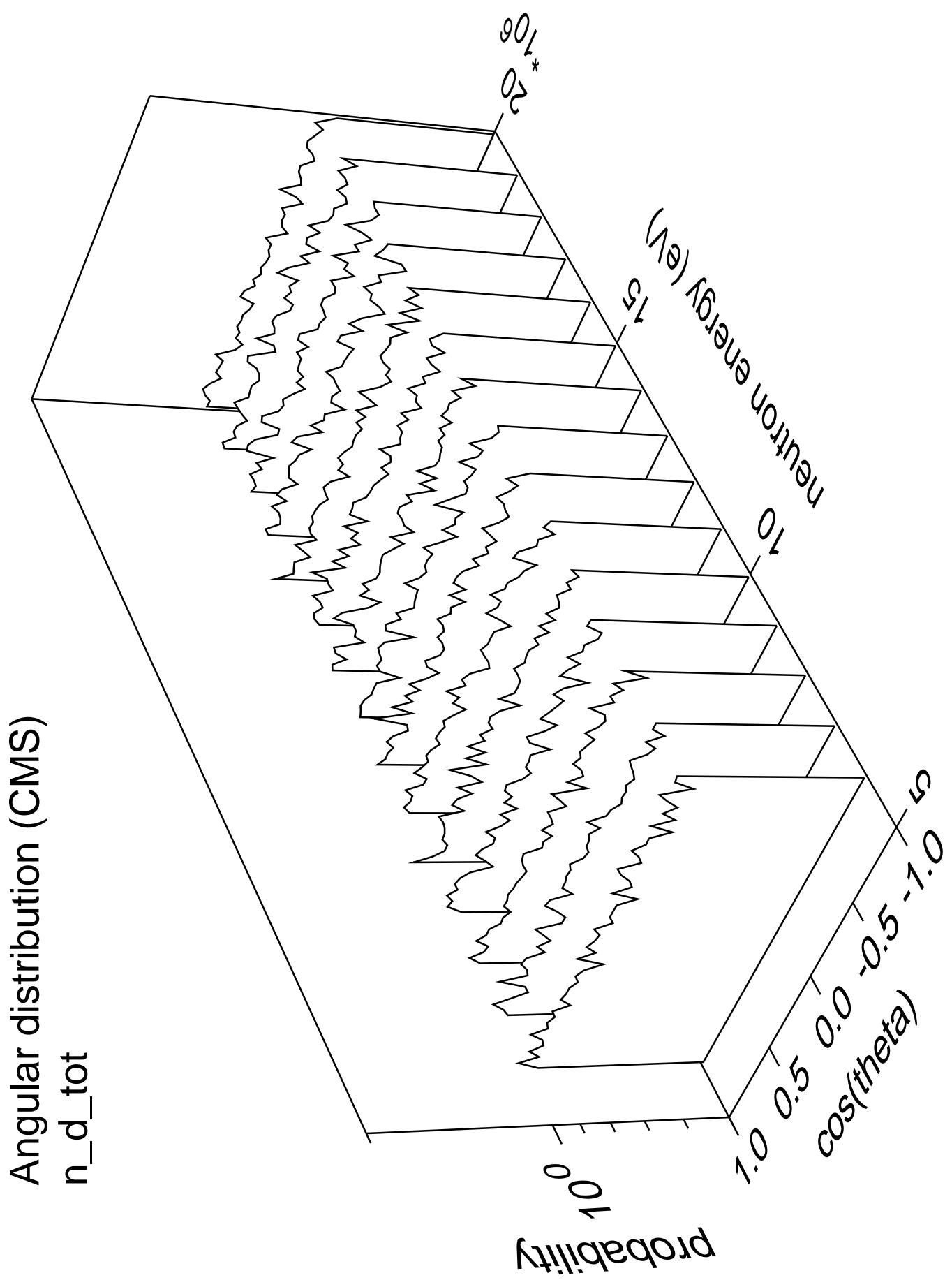


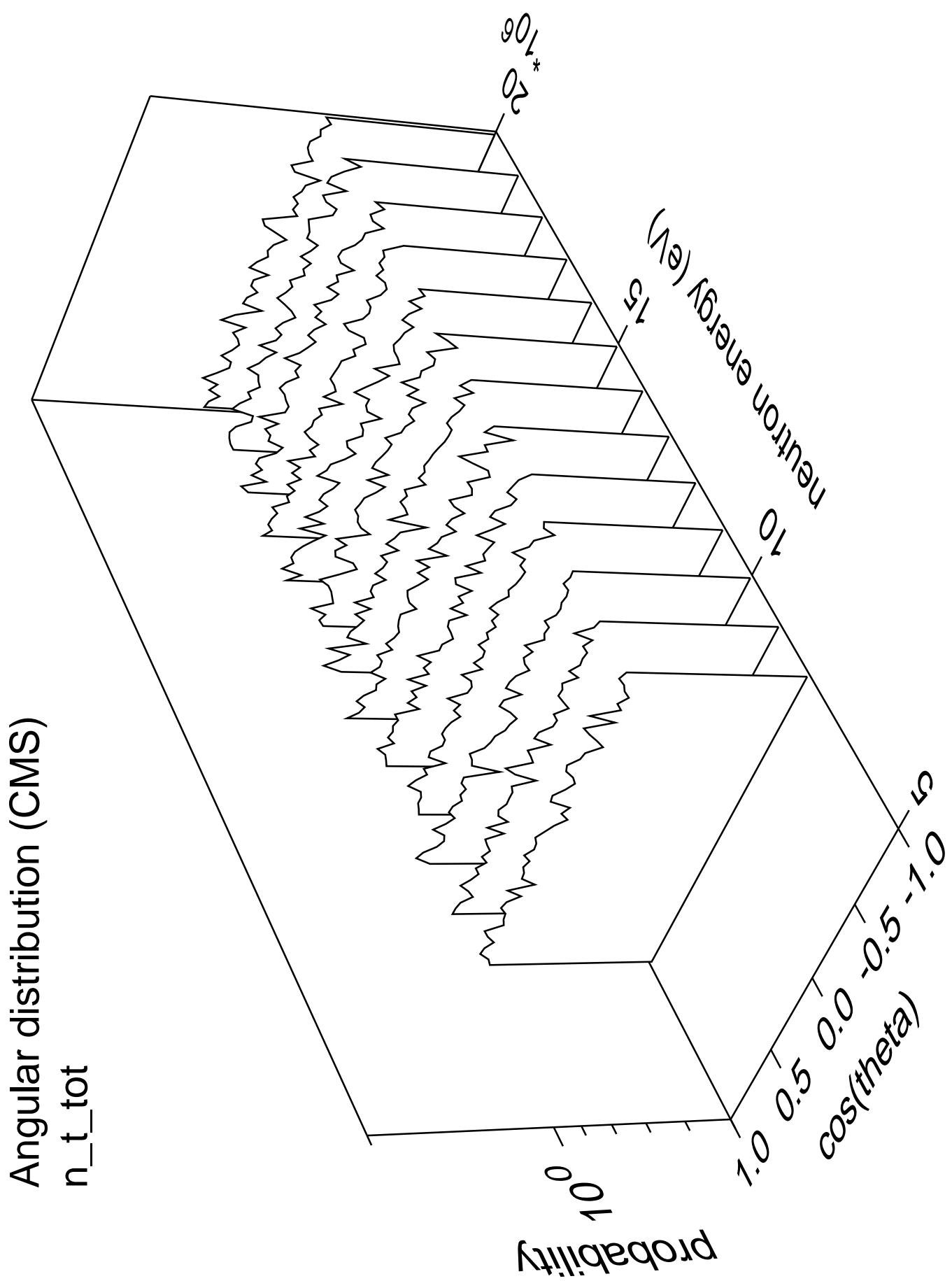


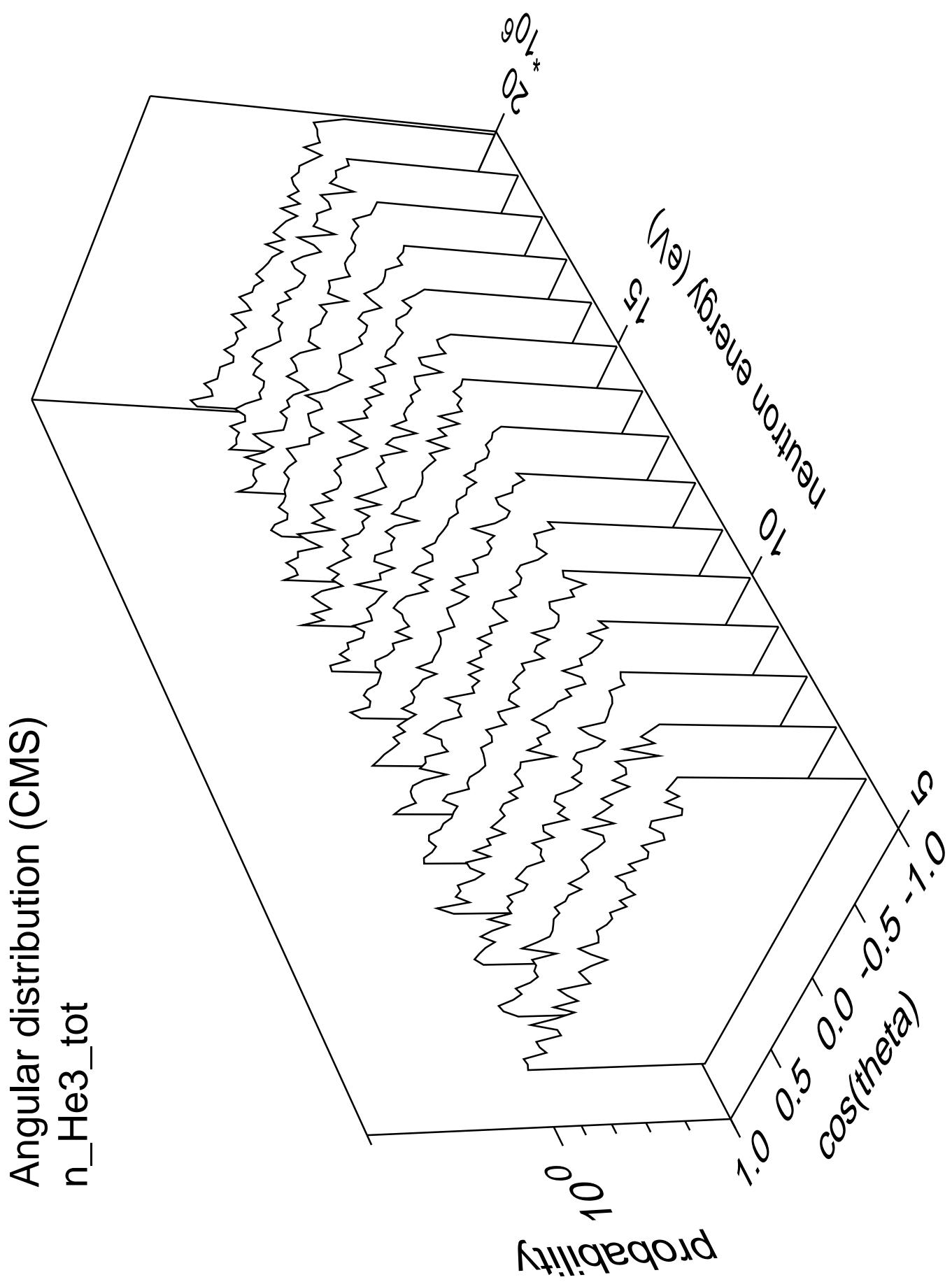


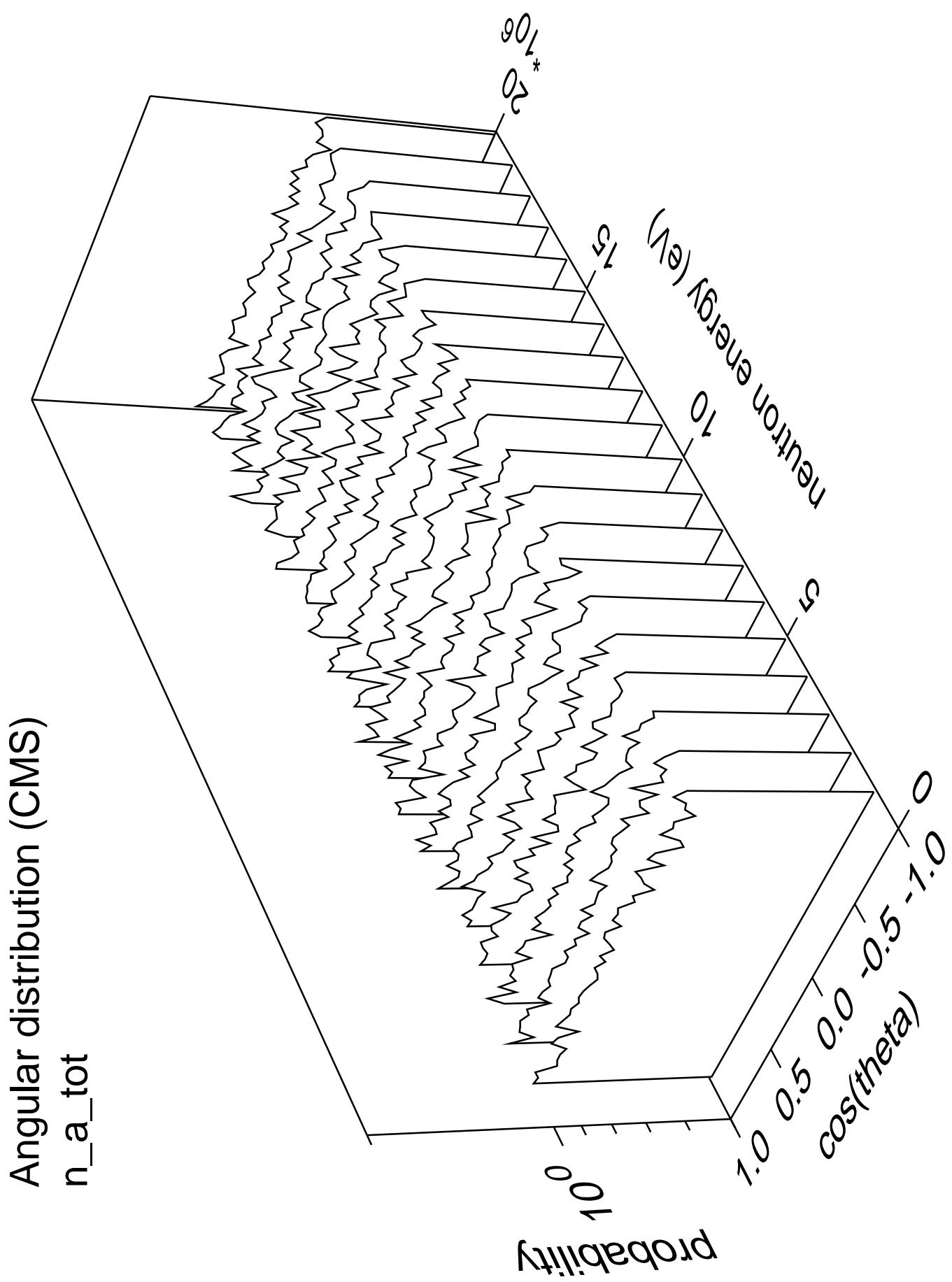


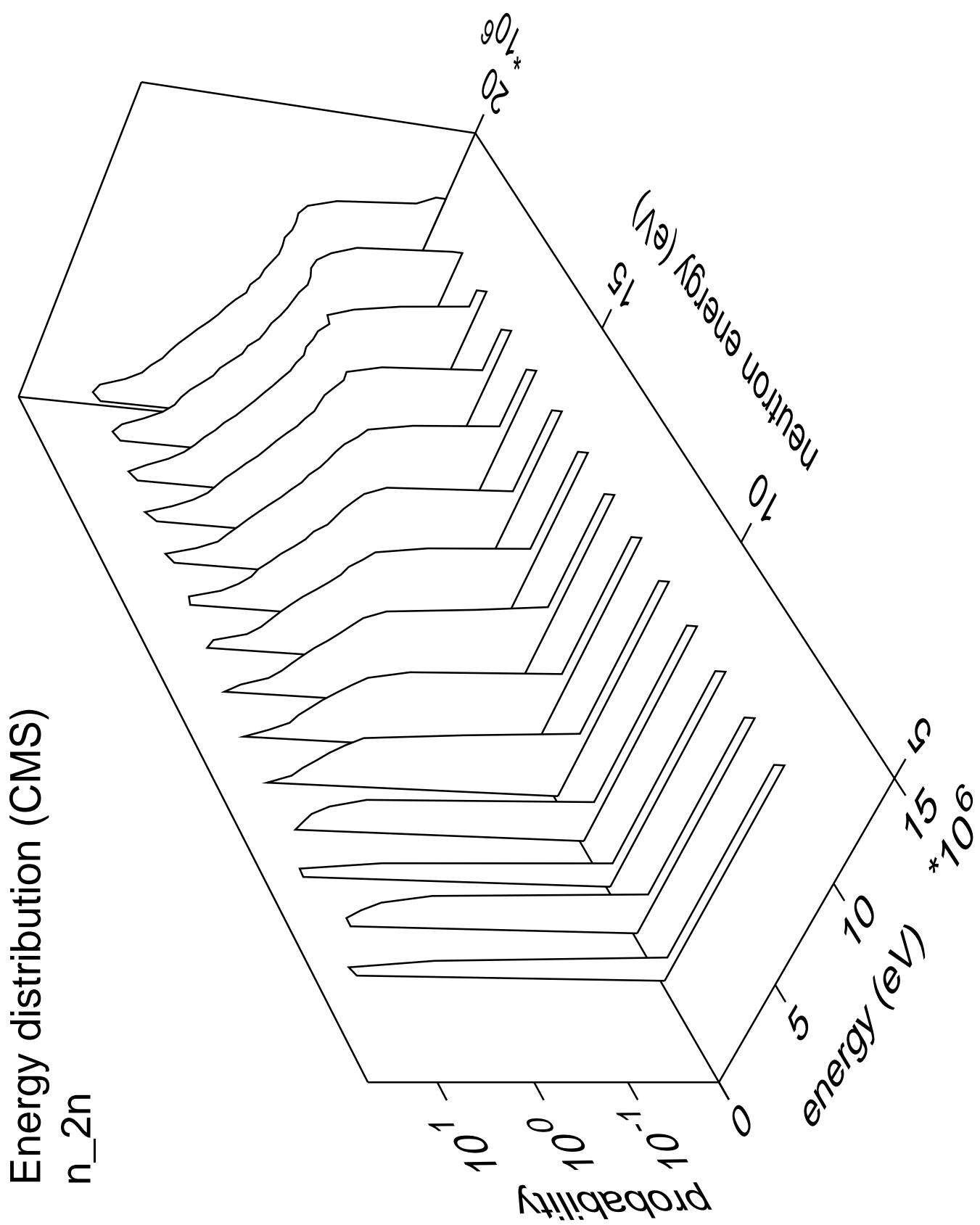


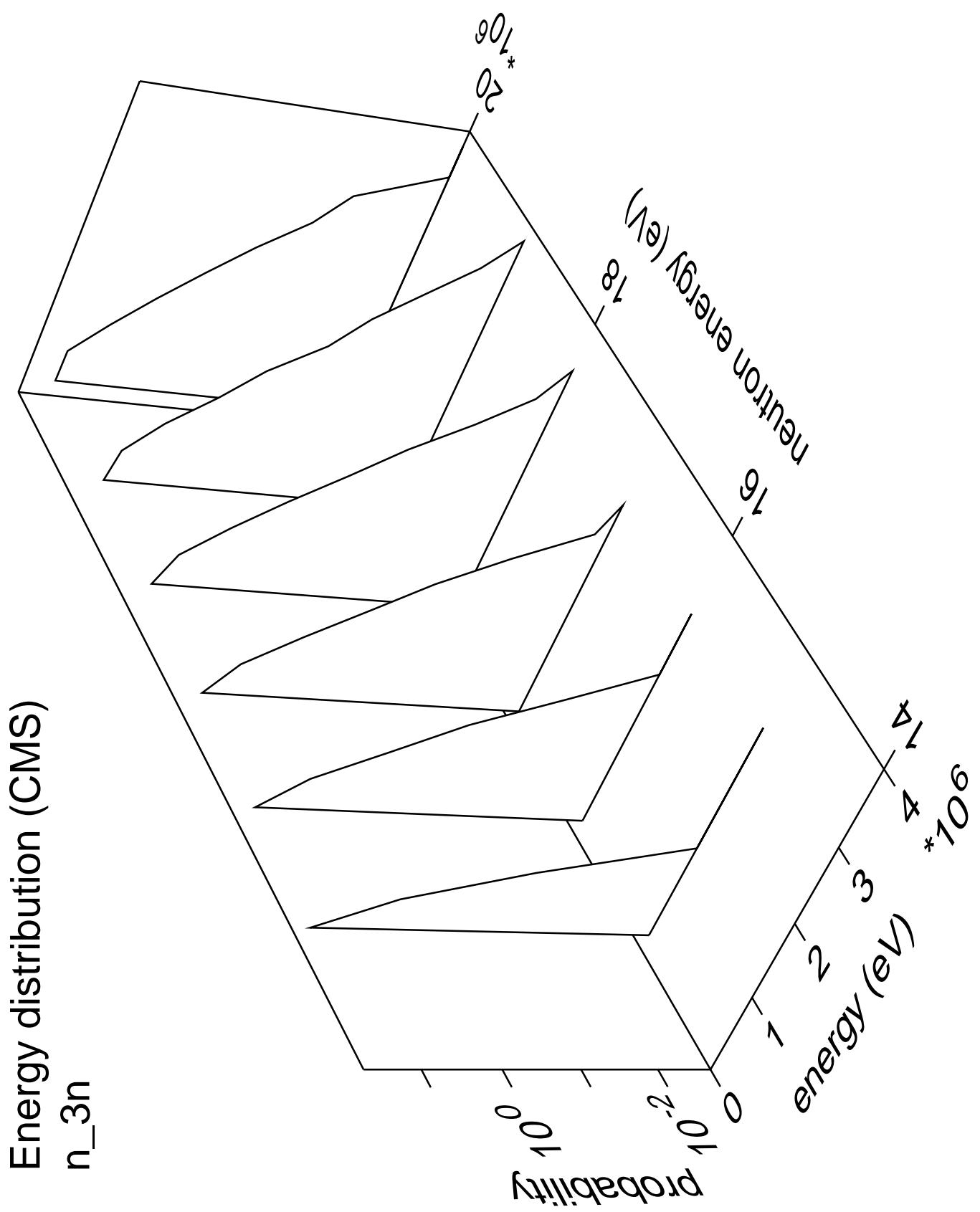


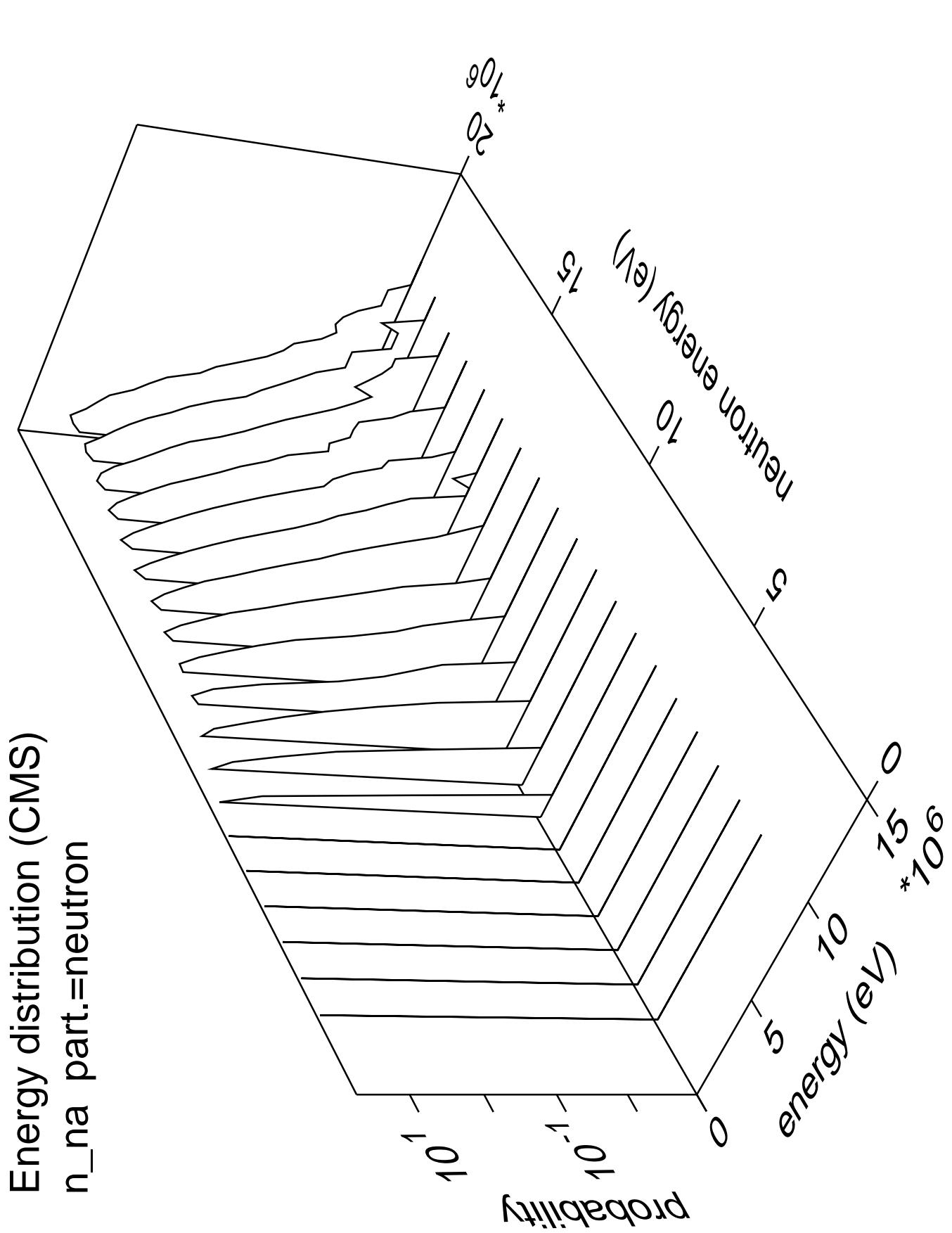




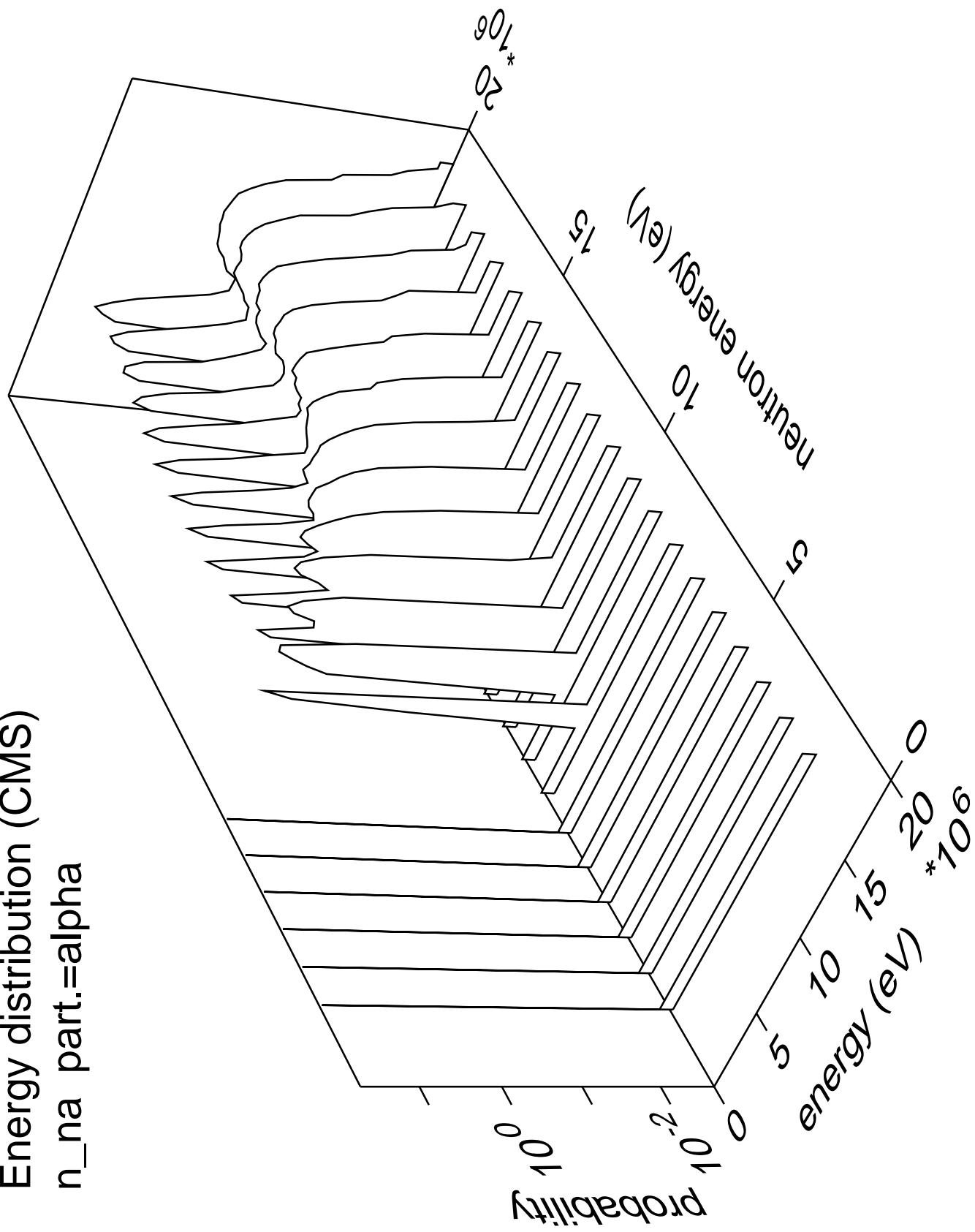




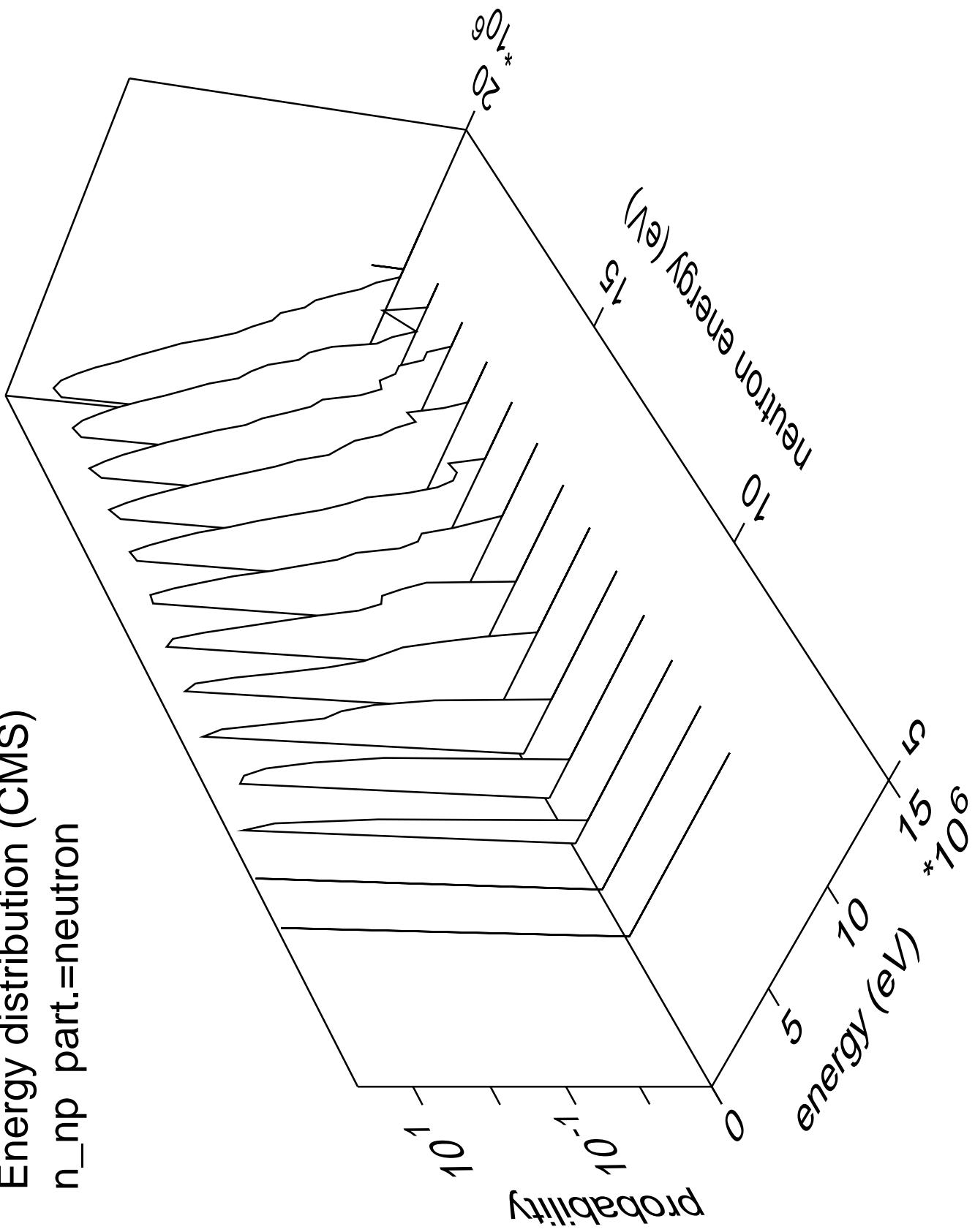


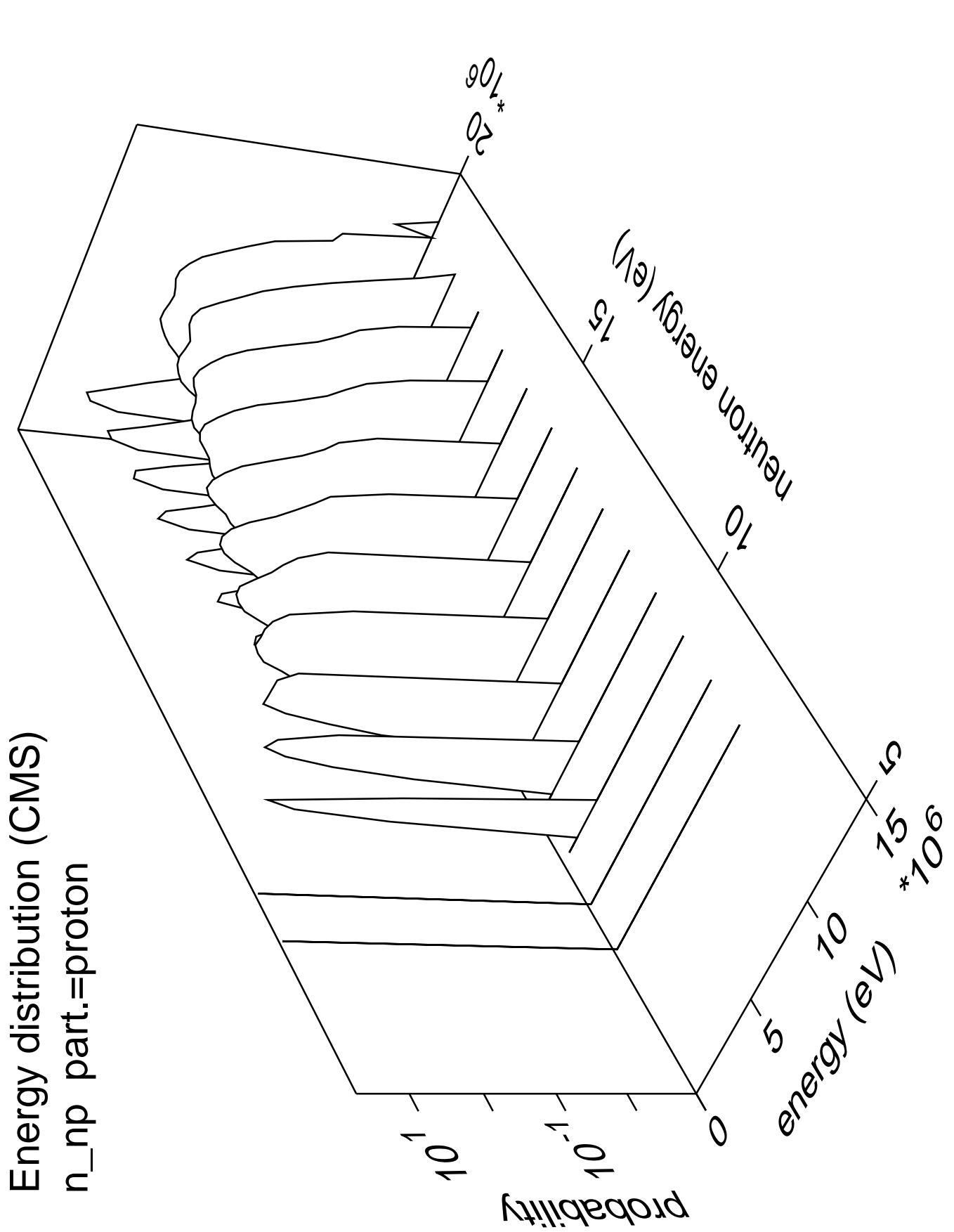


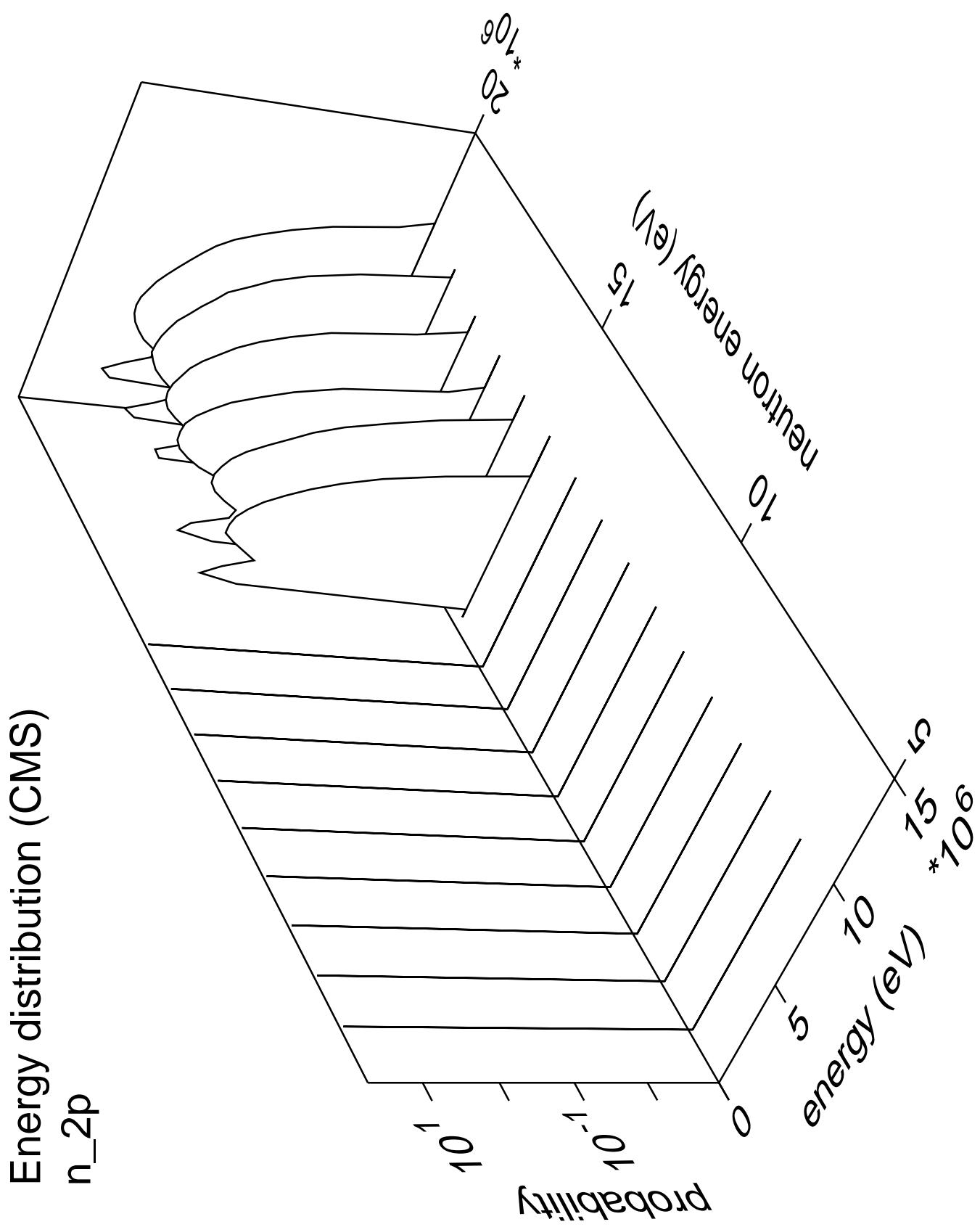
Energy distribution (CMS)  
 $n_{\text{na}} \text{ part.} = \text{alpha}$

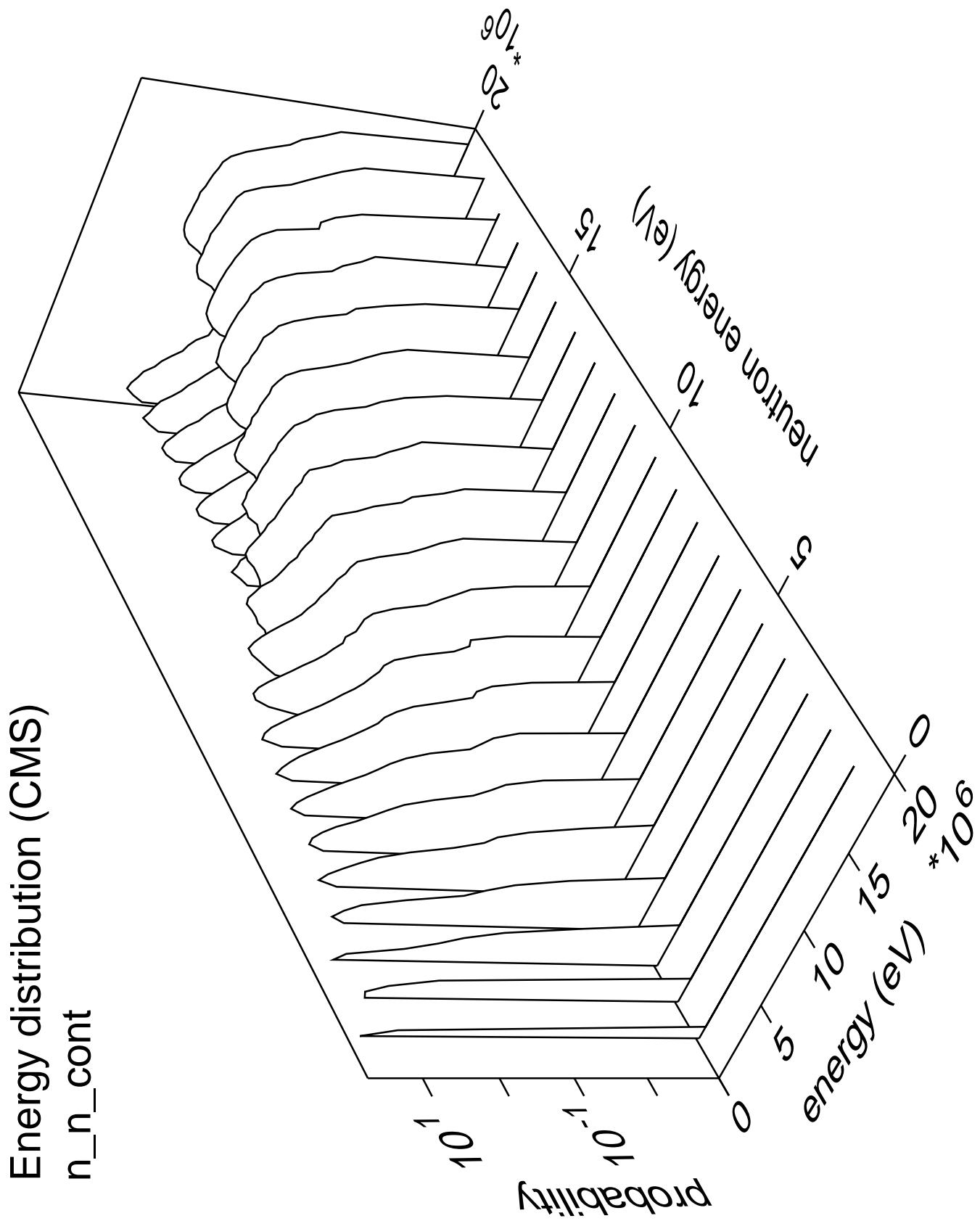


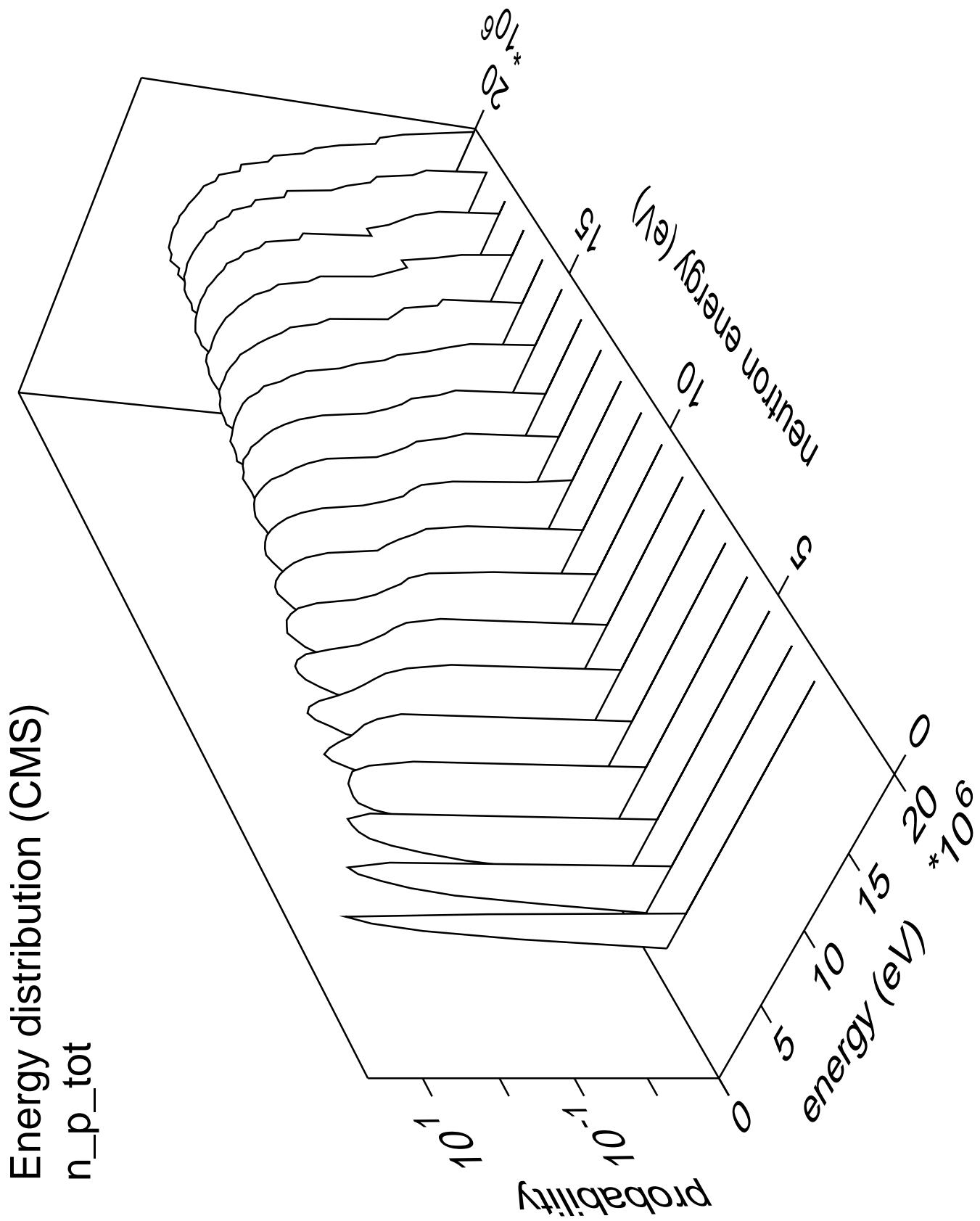
Energy distribution (CMS)  
 $n_{np}$  part.=neutron

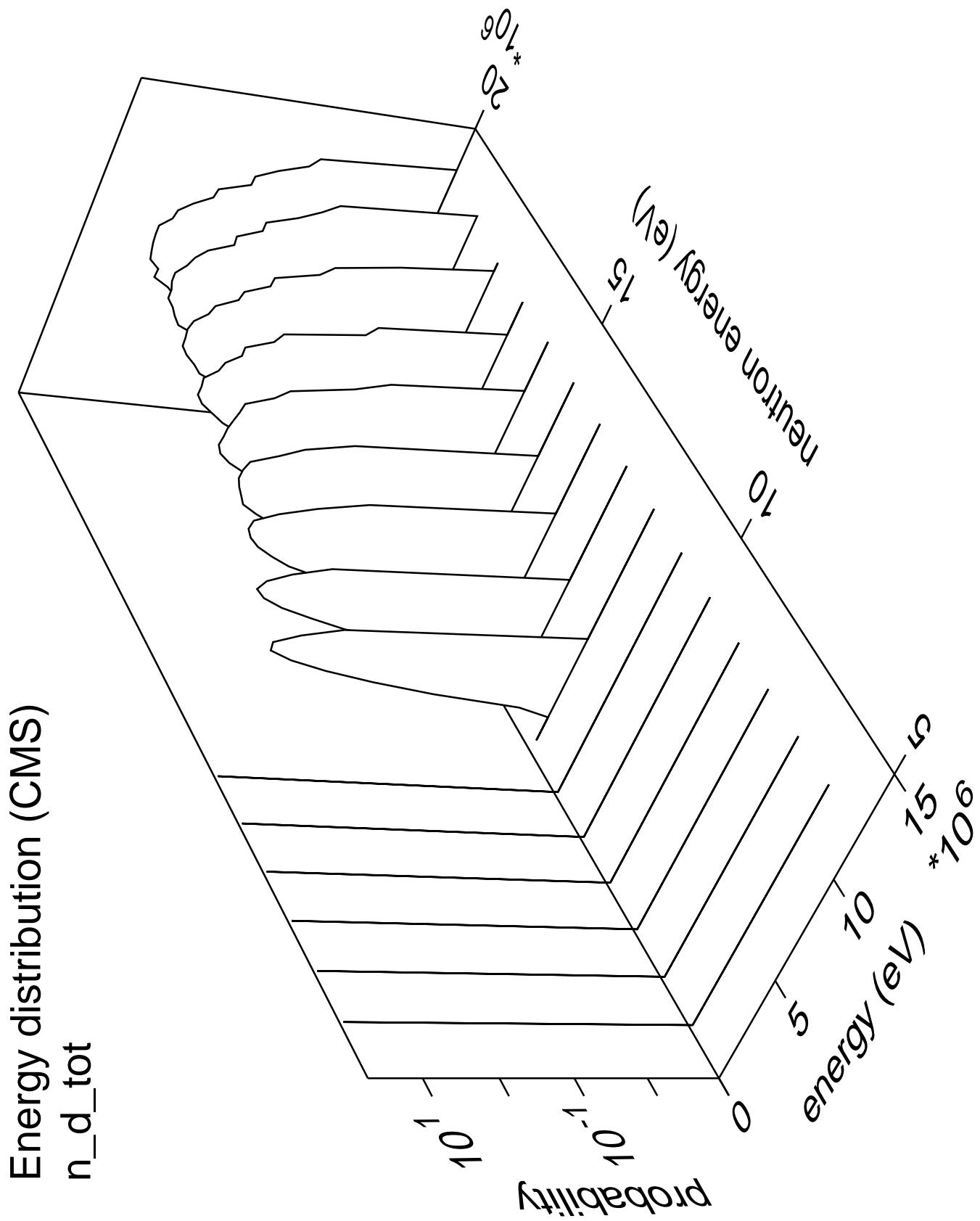


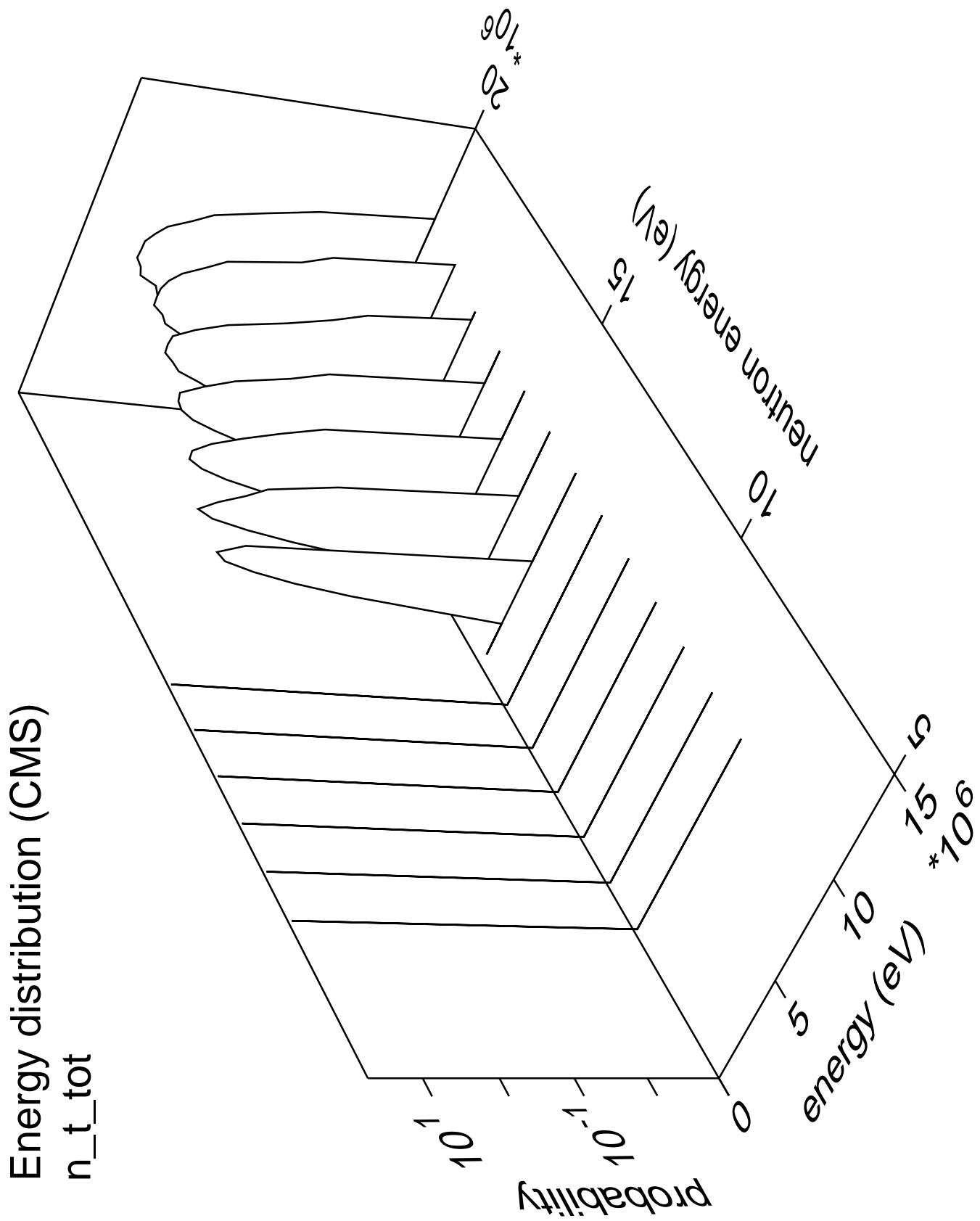


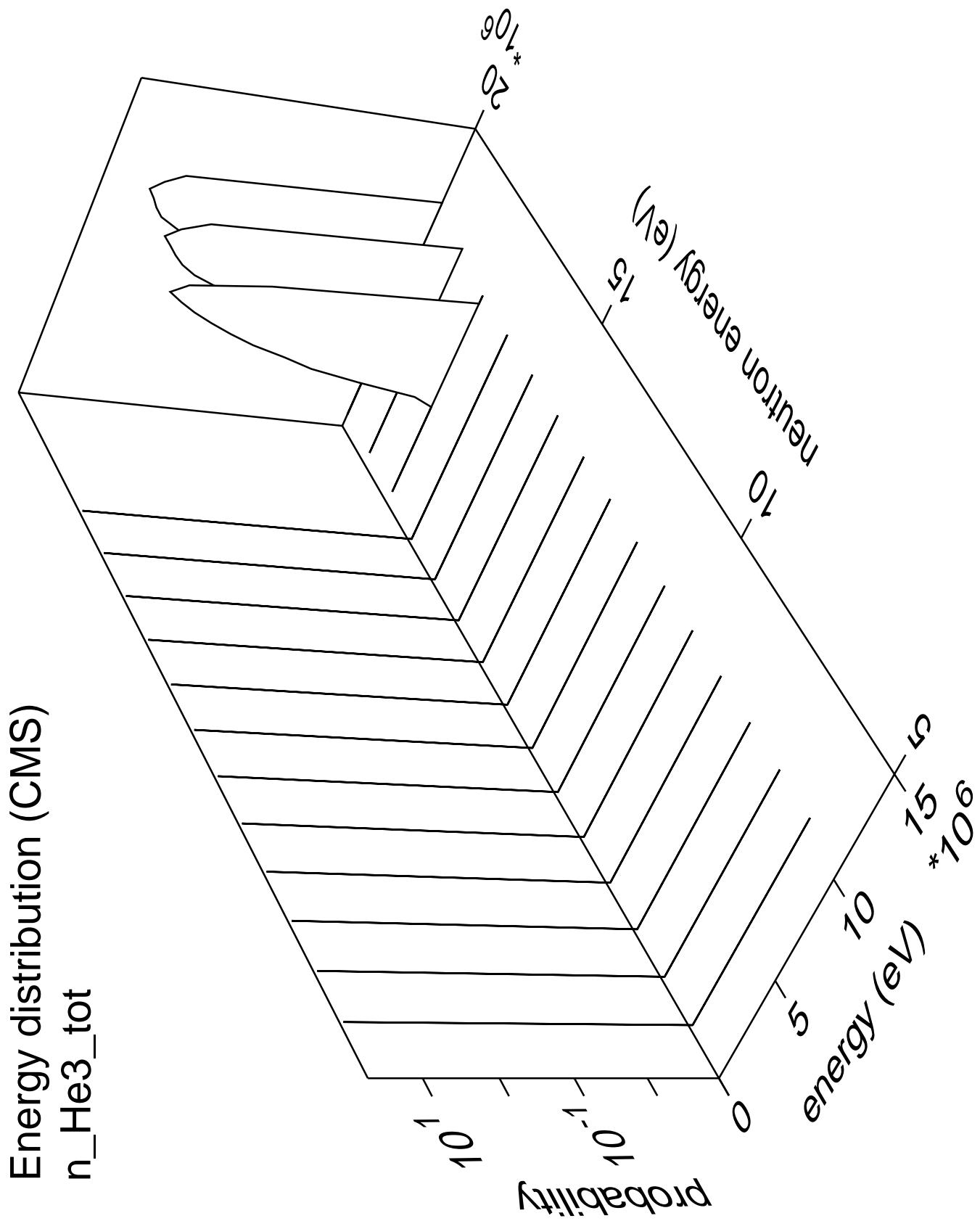


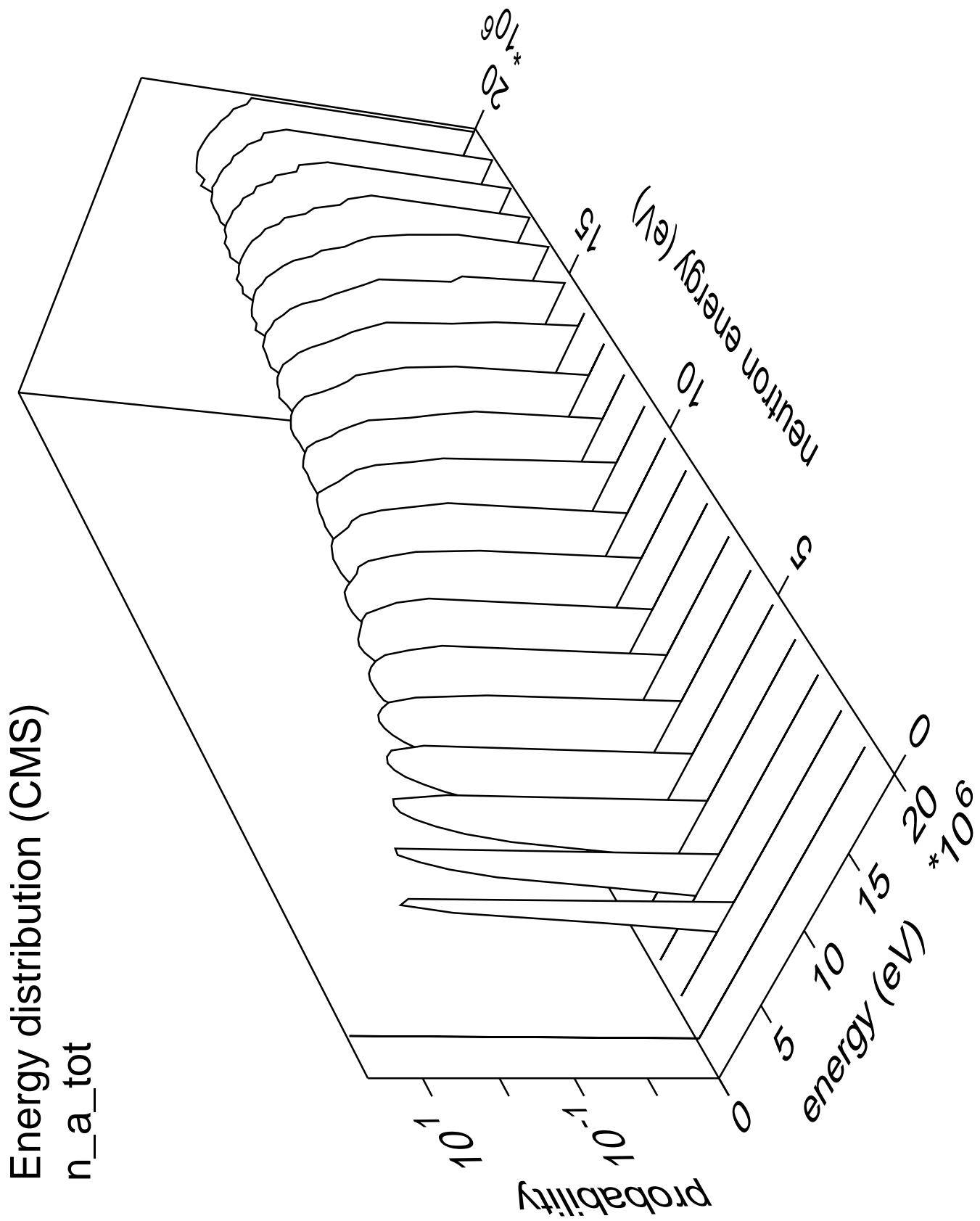




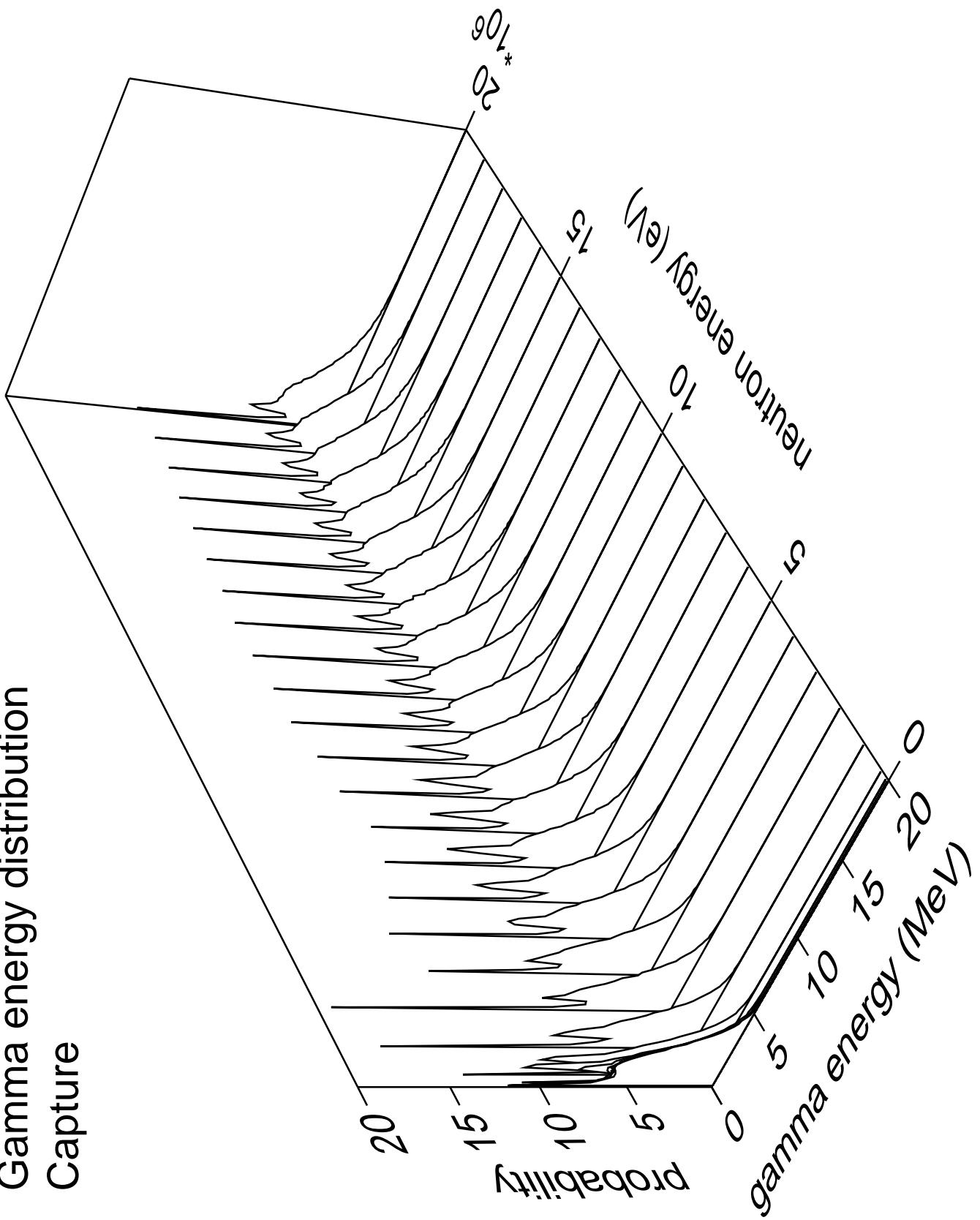




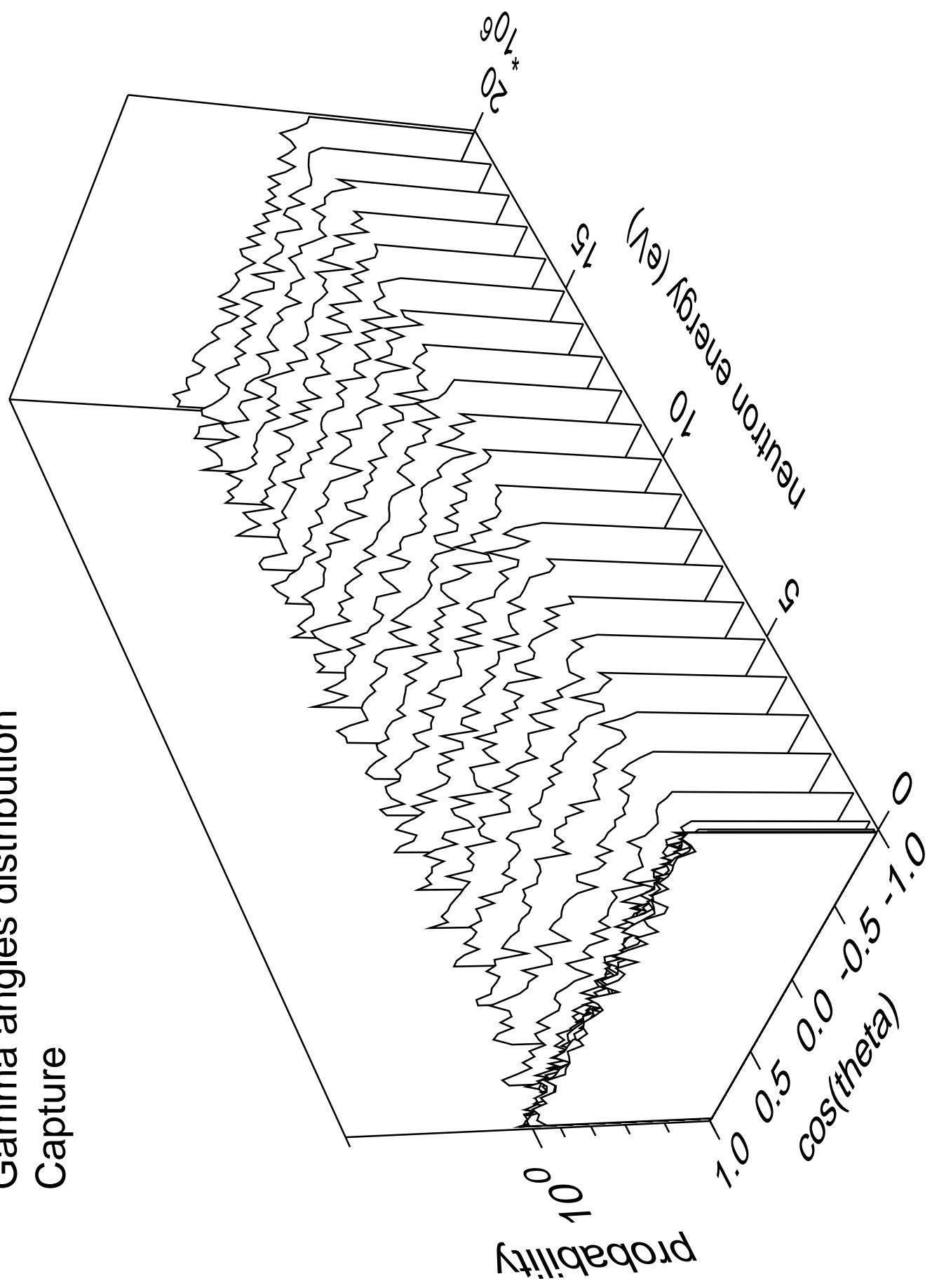




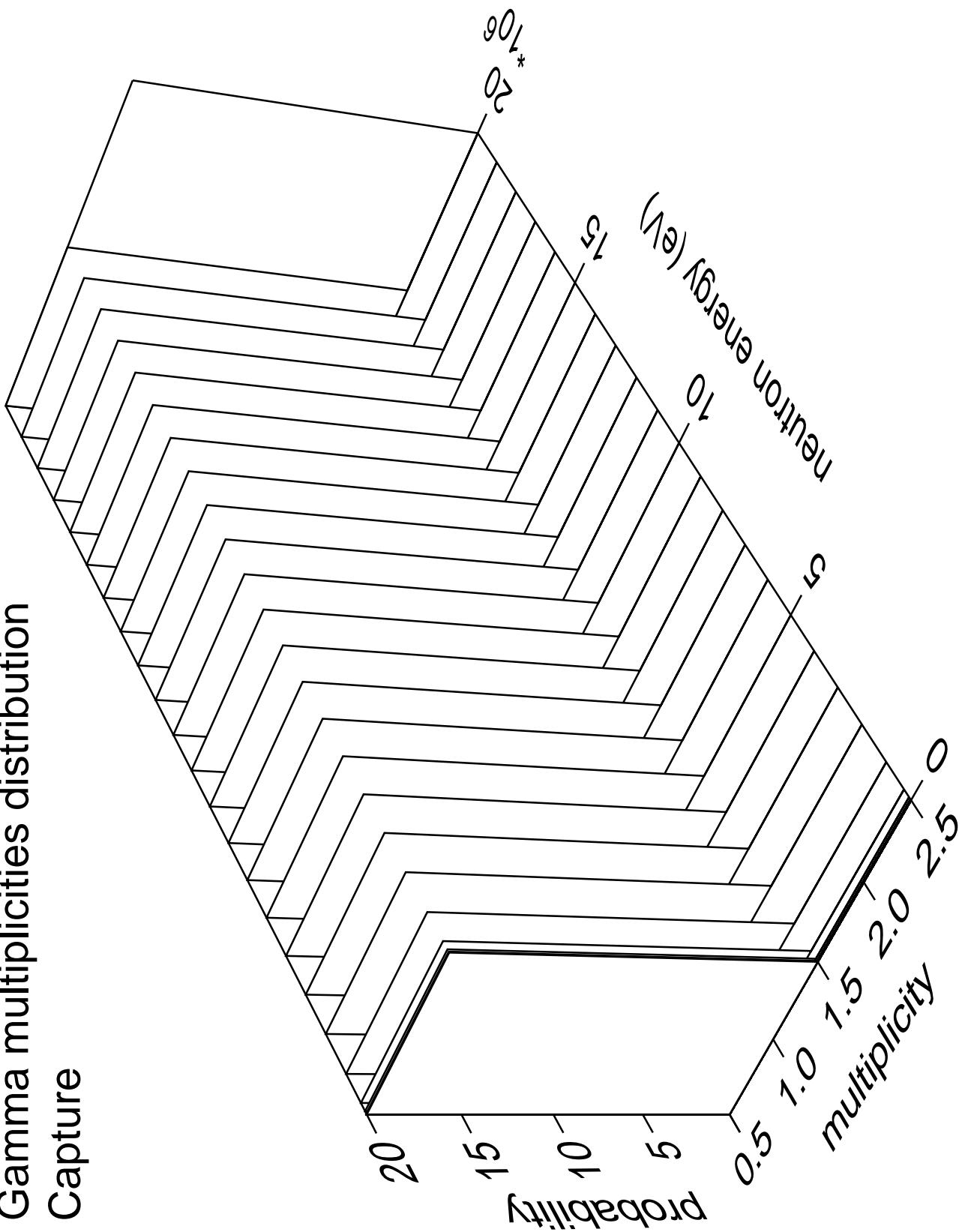
# Gamma energy distribution Capture



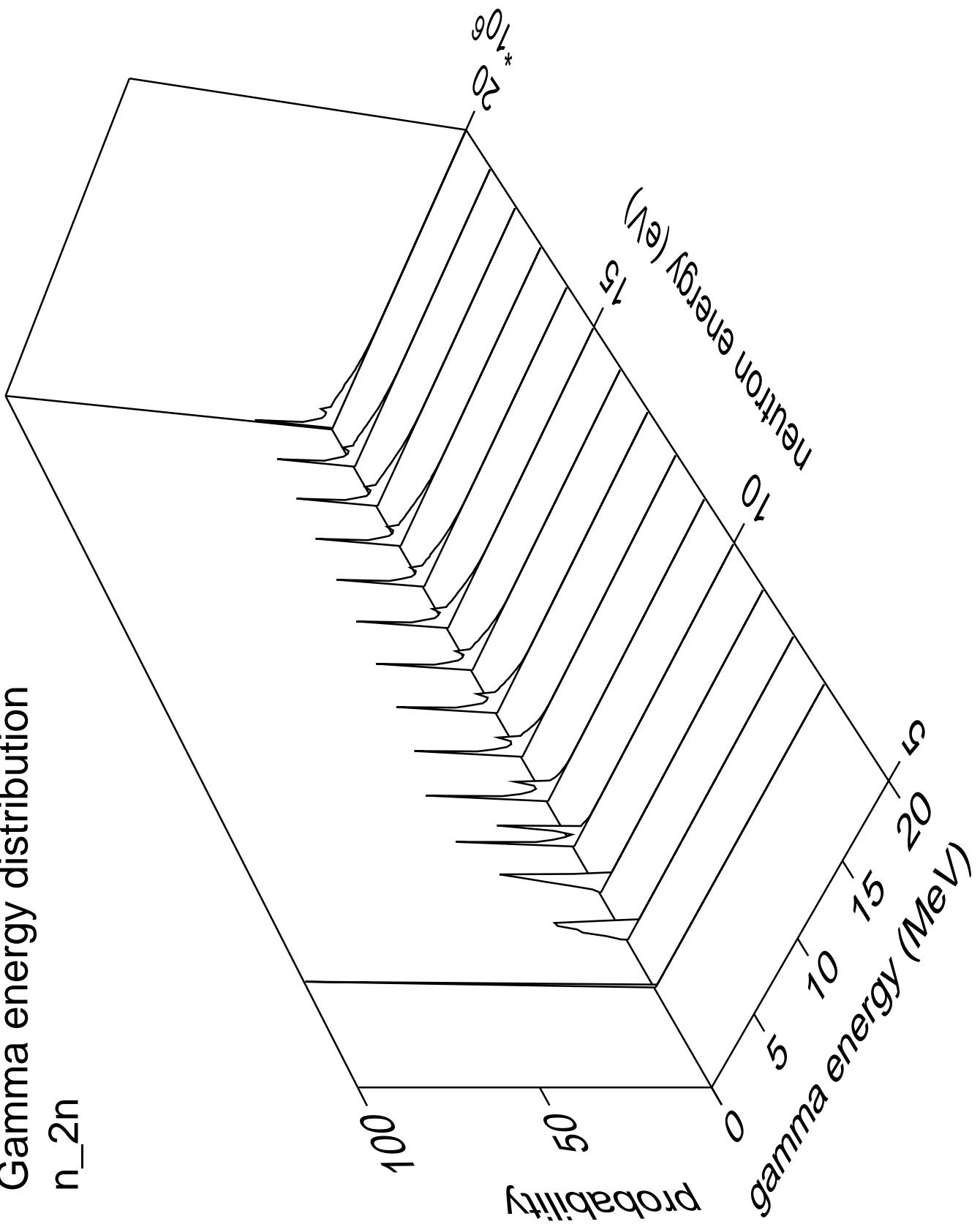
# Gamma angles distribution Capture



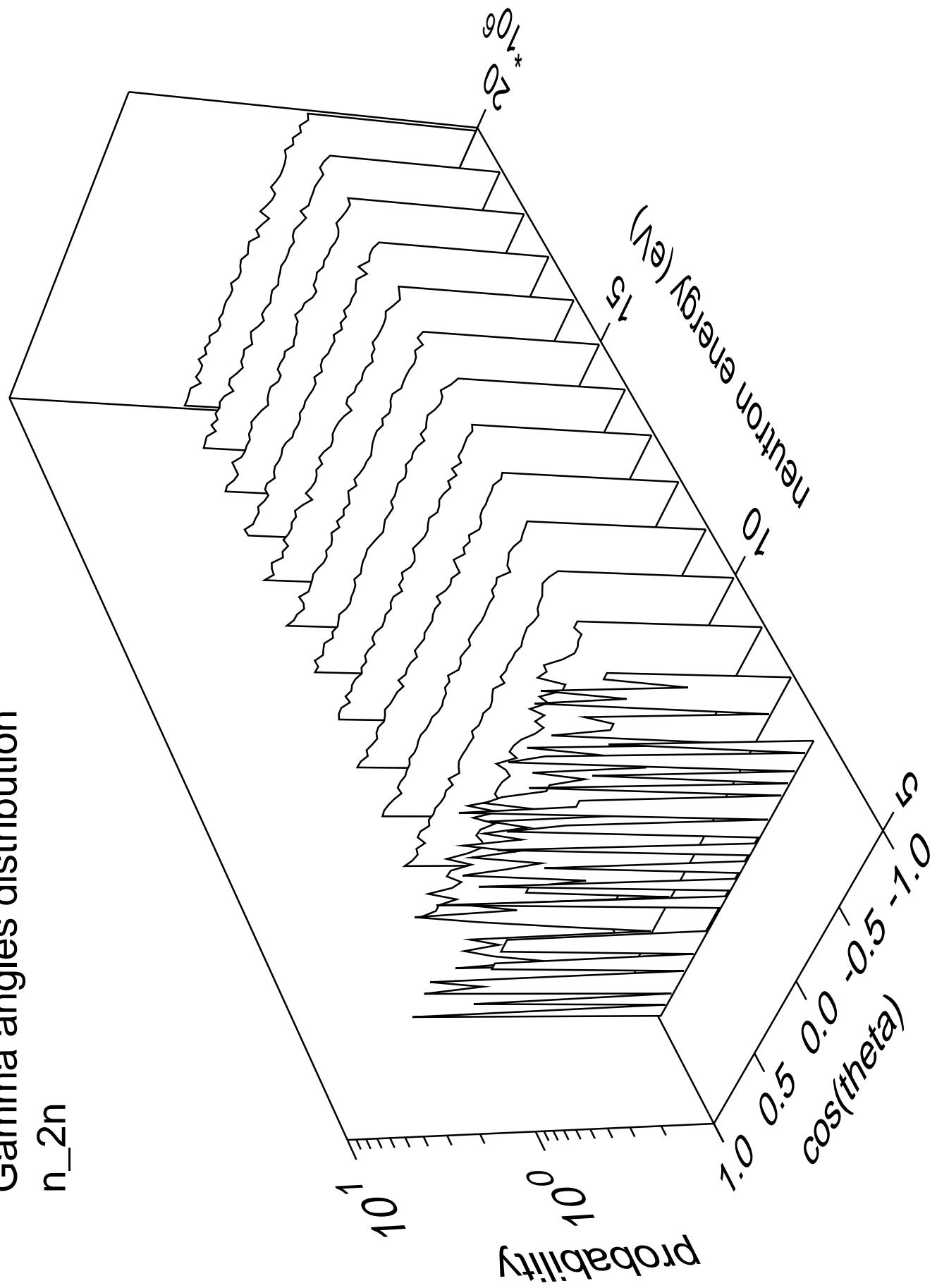
# Gamma multiplicities distribution Capture

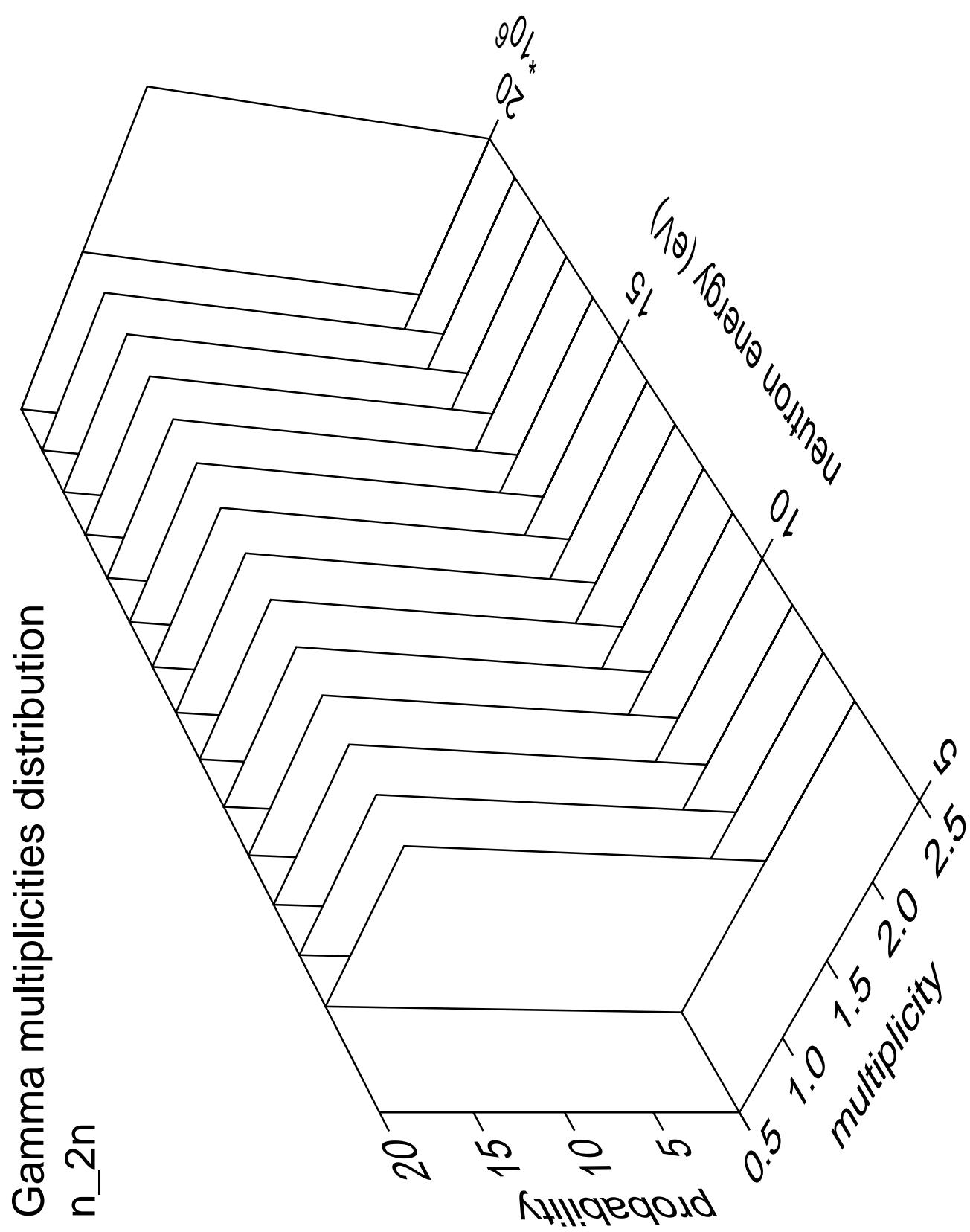


# Gamma energy distribution n\_2n

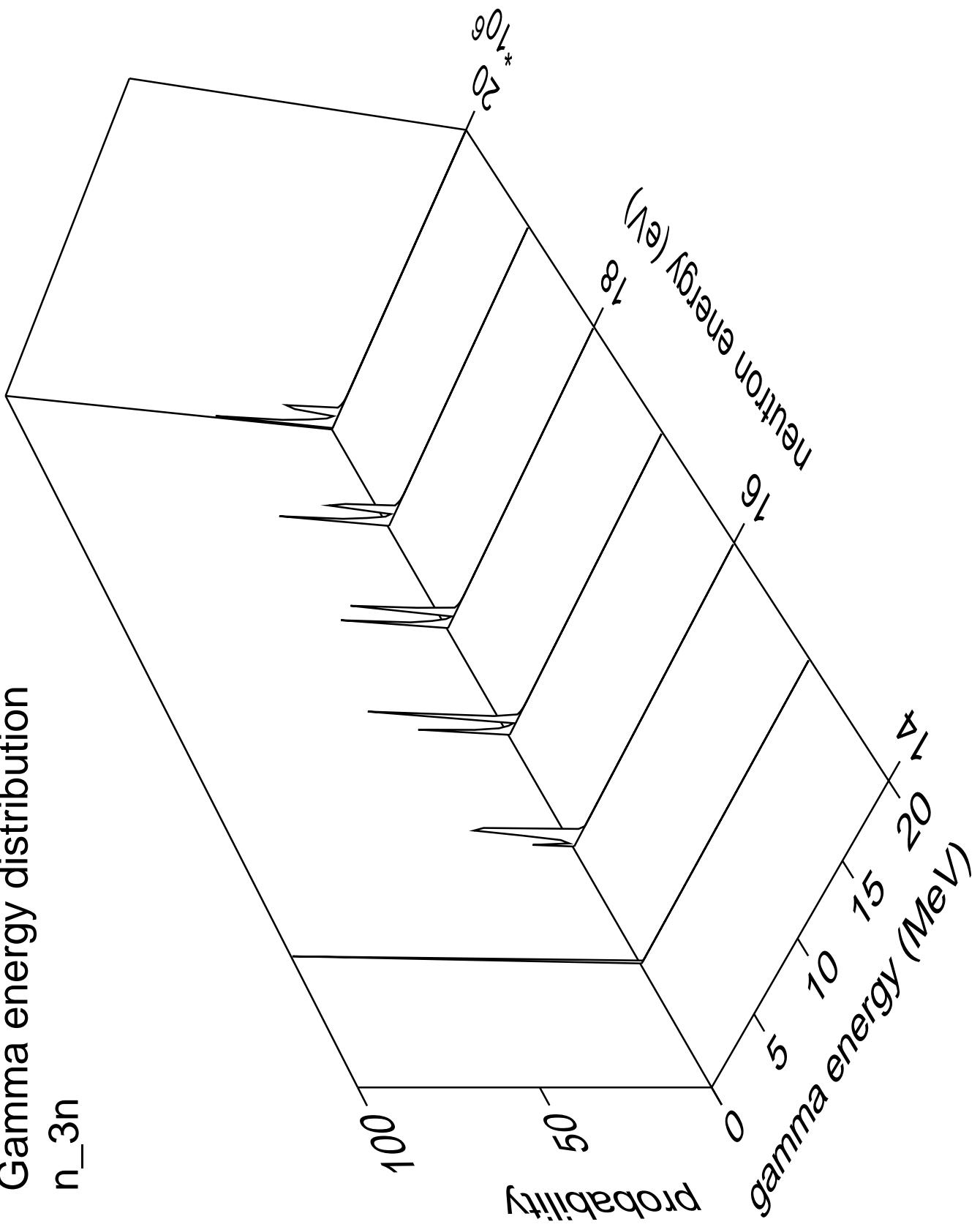


# Gamma angles distribution $n_{2n}$





# Gamma energy distribution $n_{-}3n$



# Gamma angles distribution

$n_{3n}$

Probability

$10^0$

$10^1$

$10^2$

$10^3$

$10^4$

$10^5$

$10^6$

$\gamma_1$   
 $\gamma_2$   
 $\gamma_3$

Neutron energy ( $eV$ )

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

## Gamma multiplicities distribution

$n_{3n}$

Probability

100

20

10

5

2

1

0.5

Neutron energy (eV)

16

8

4

2

1

0.5

multiplicity

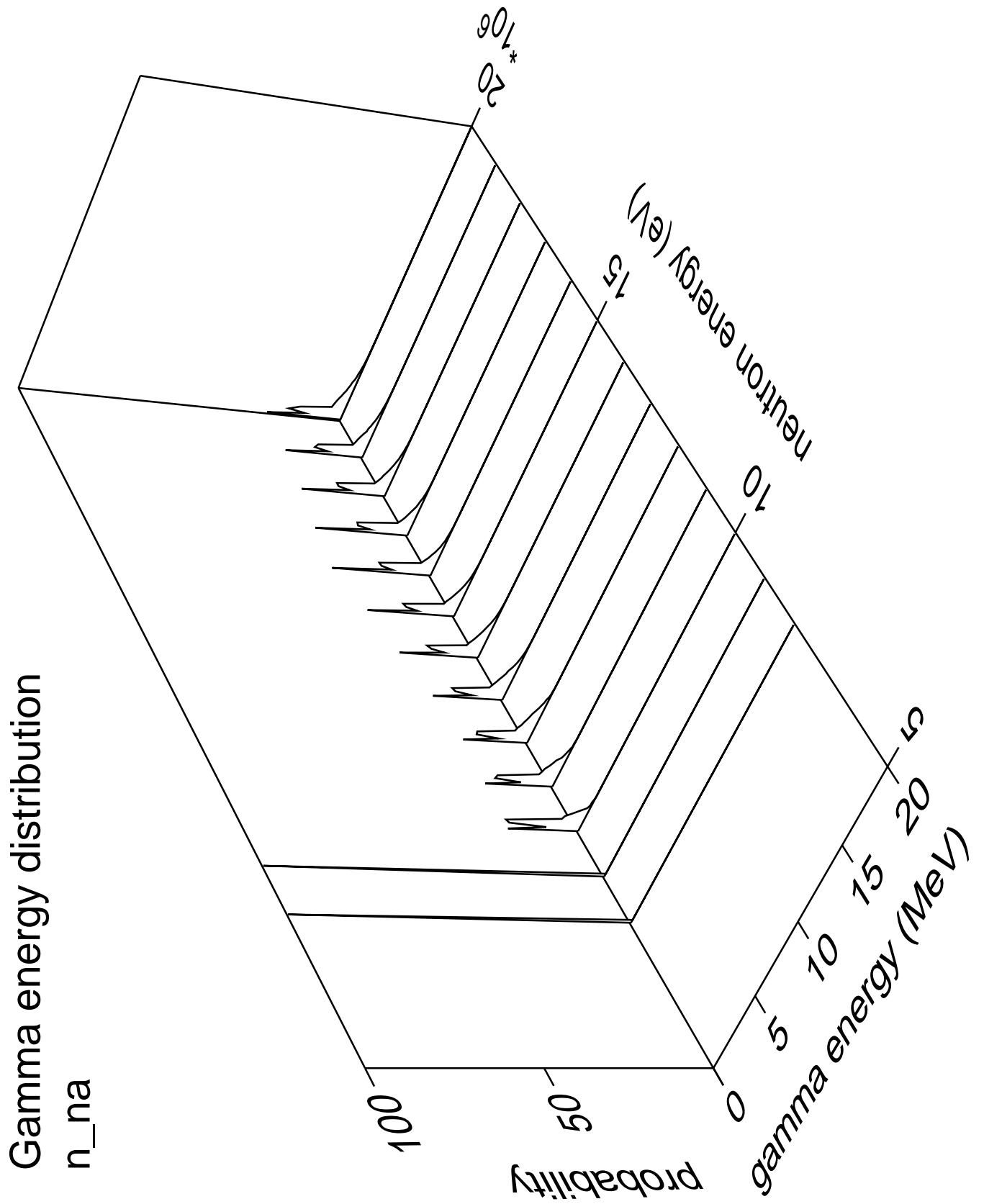
4

3

2

1

0.5



Gamma angles distribution

$n_{na}$

Probability

$10^0$

Neutron energy ( $\text{eV}$ )

$10^6$

$10^5$

$10^4$

$10^3$

$10^2$

$10^1$

$10^0$

$\cos(\theta)$

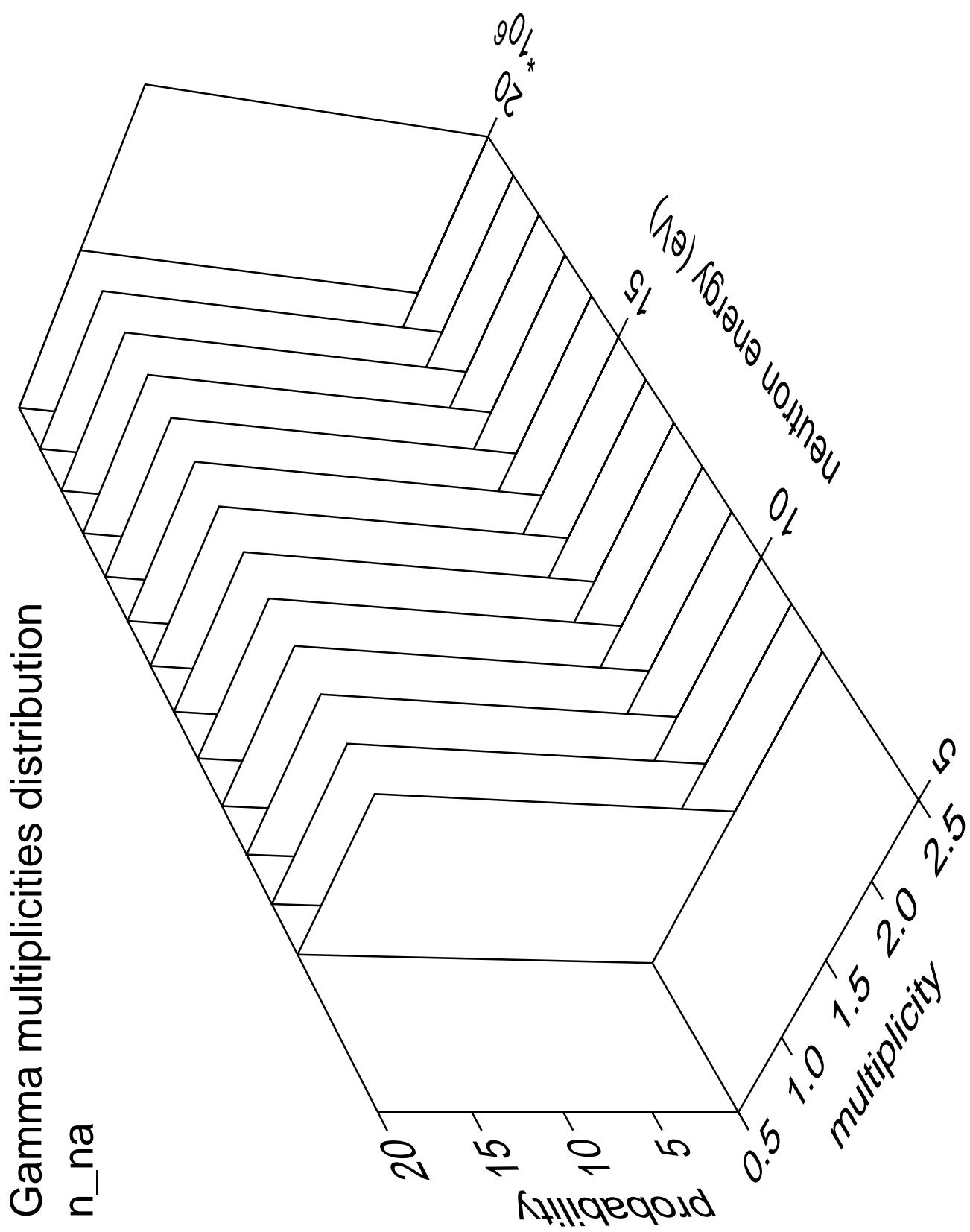
$-1.0$

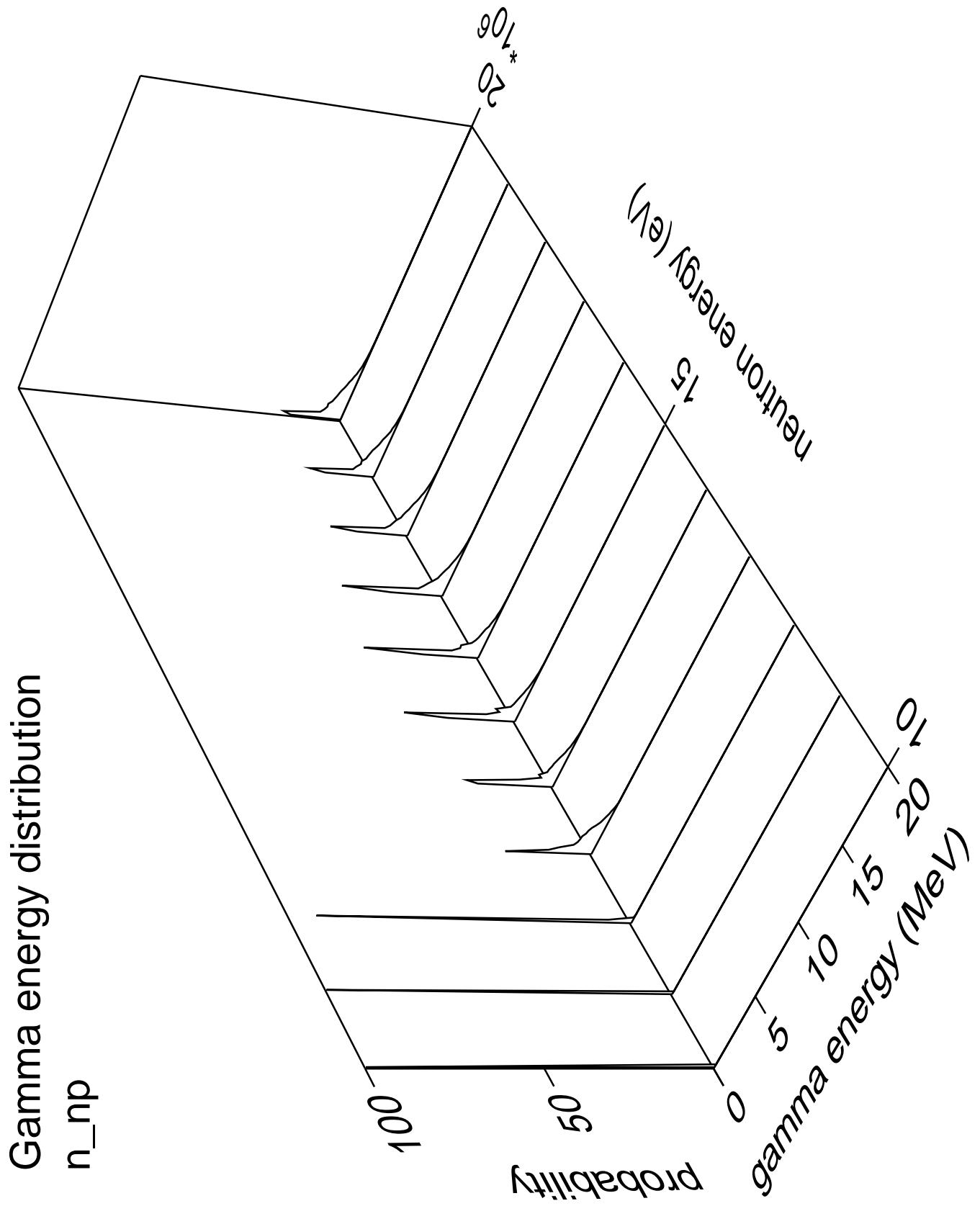
$-0.5$

$0.0$

$0.5$

$1.0$





Gamma angles distribution

$n_{np}$

Probability

$10^0$

$10^1$

$10^2$

$10^3$

$10^4$

$10^5$

$10^6$

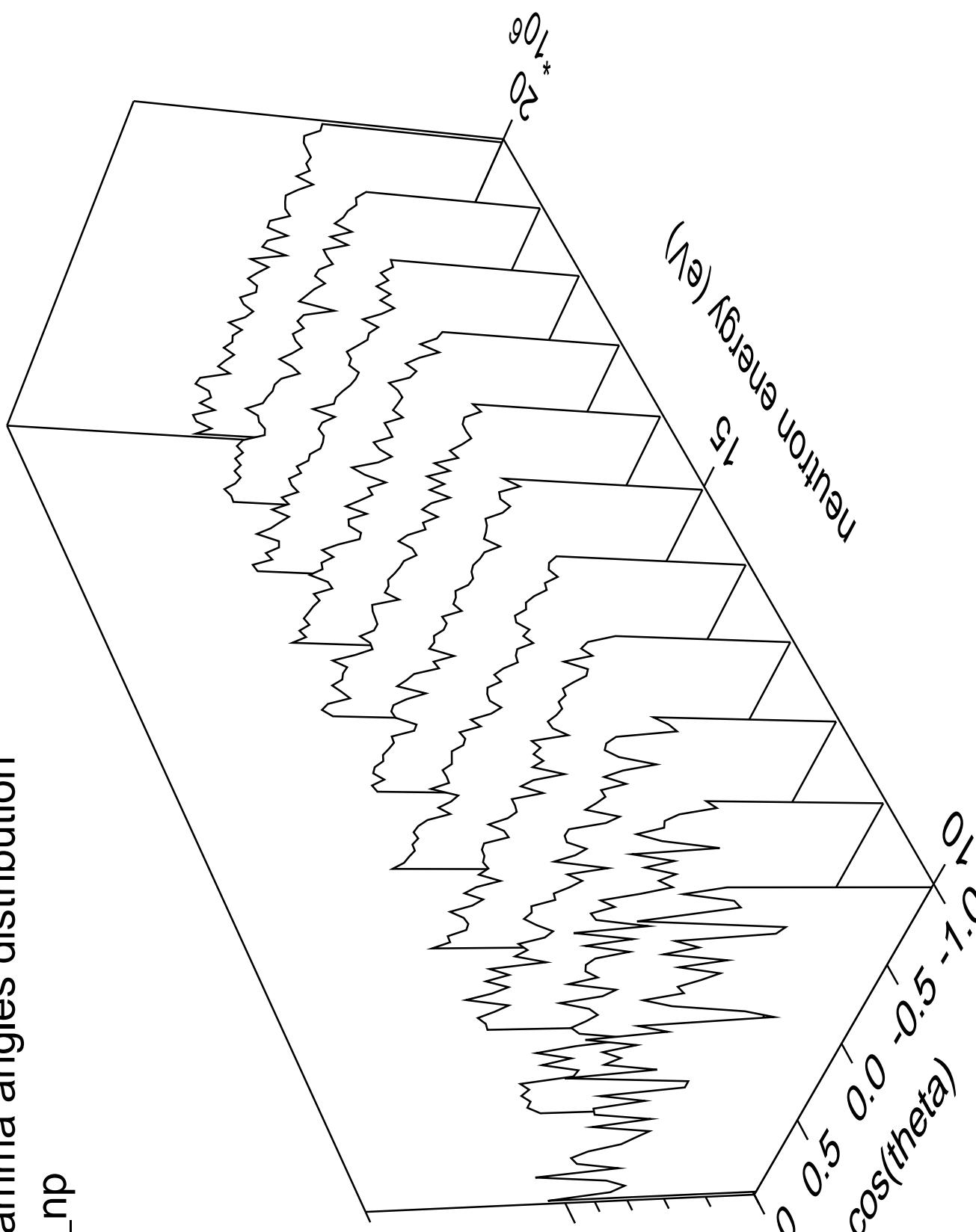
$\cos(\theta)$

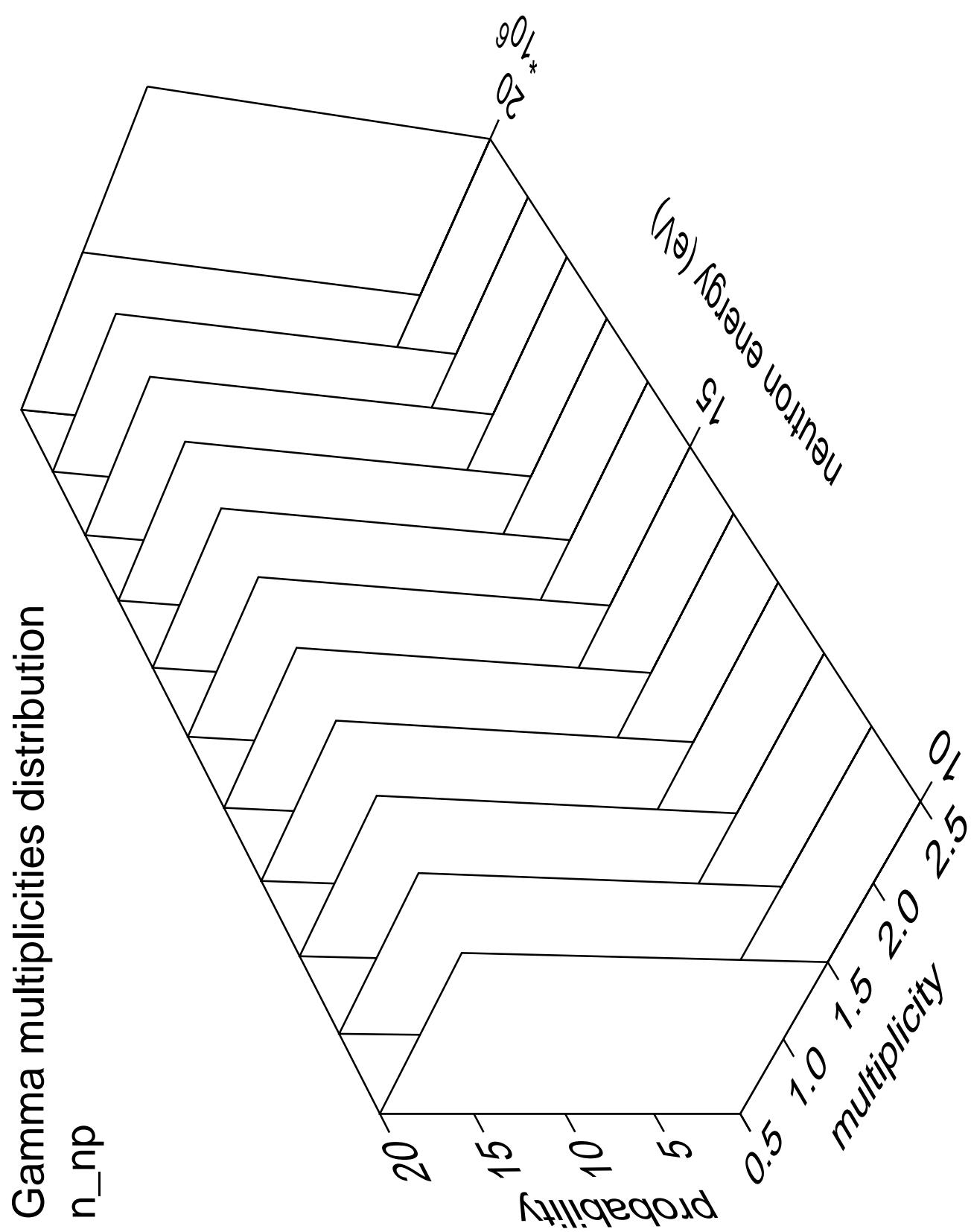
1.0 0.5 0.0 -0.5 -1.0

neutron energy (eV)

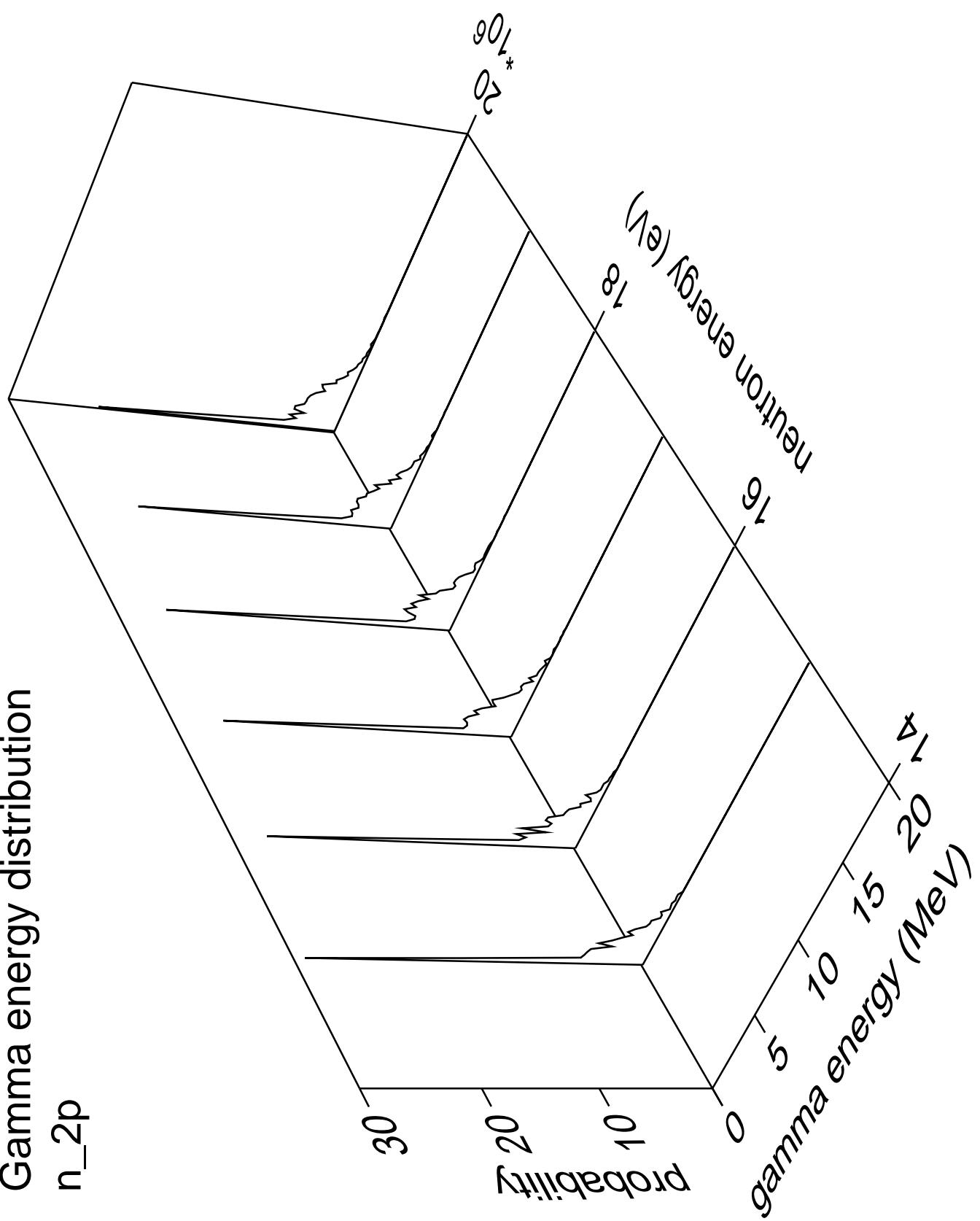
20 15 10

100

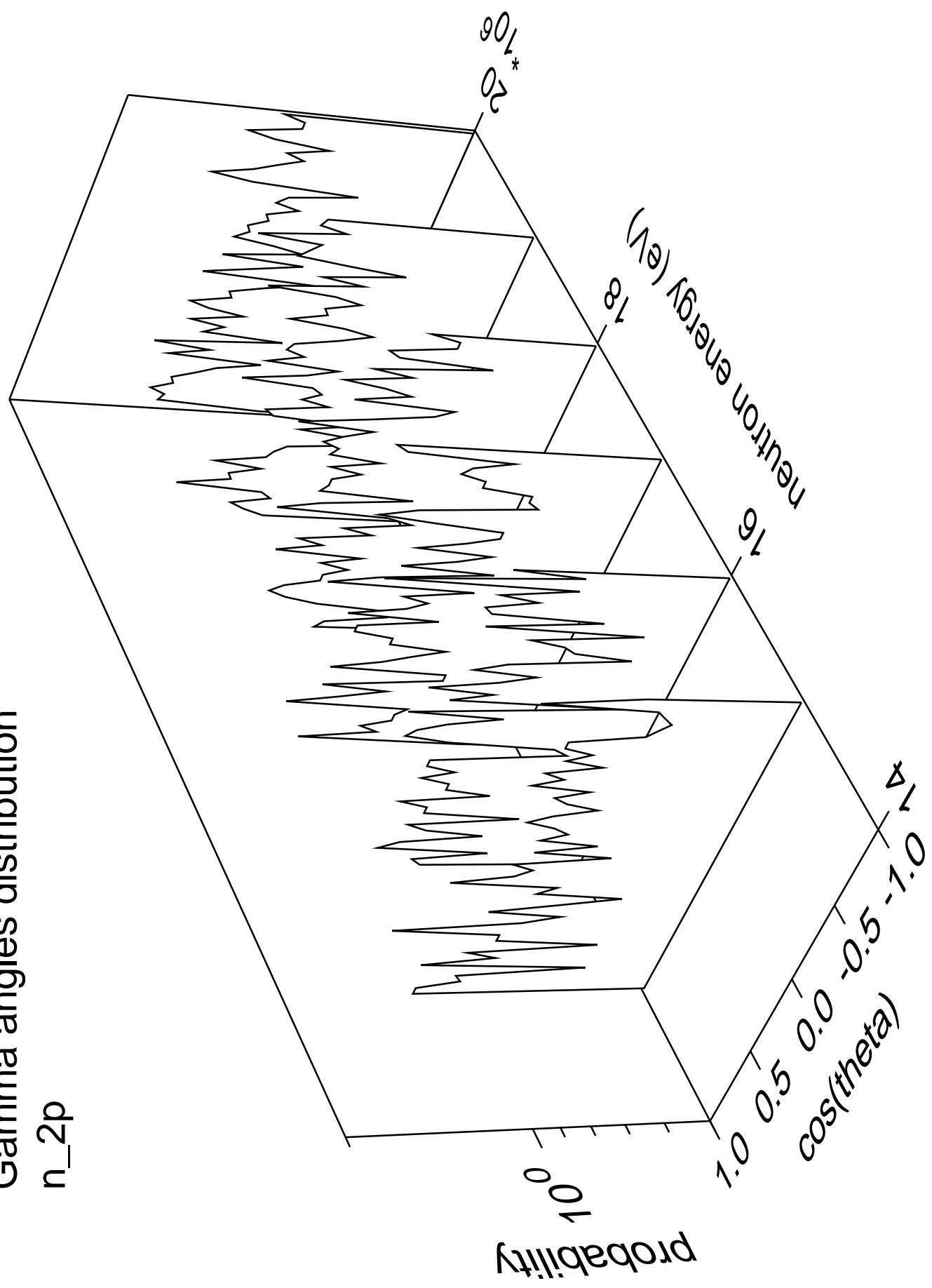




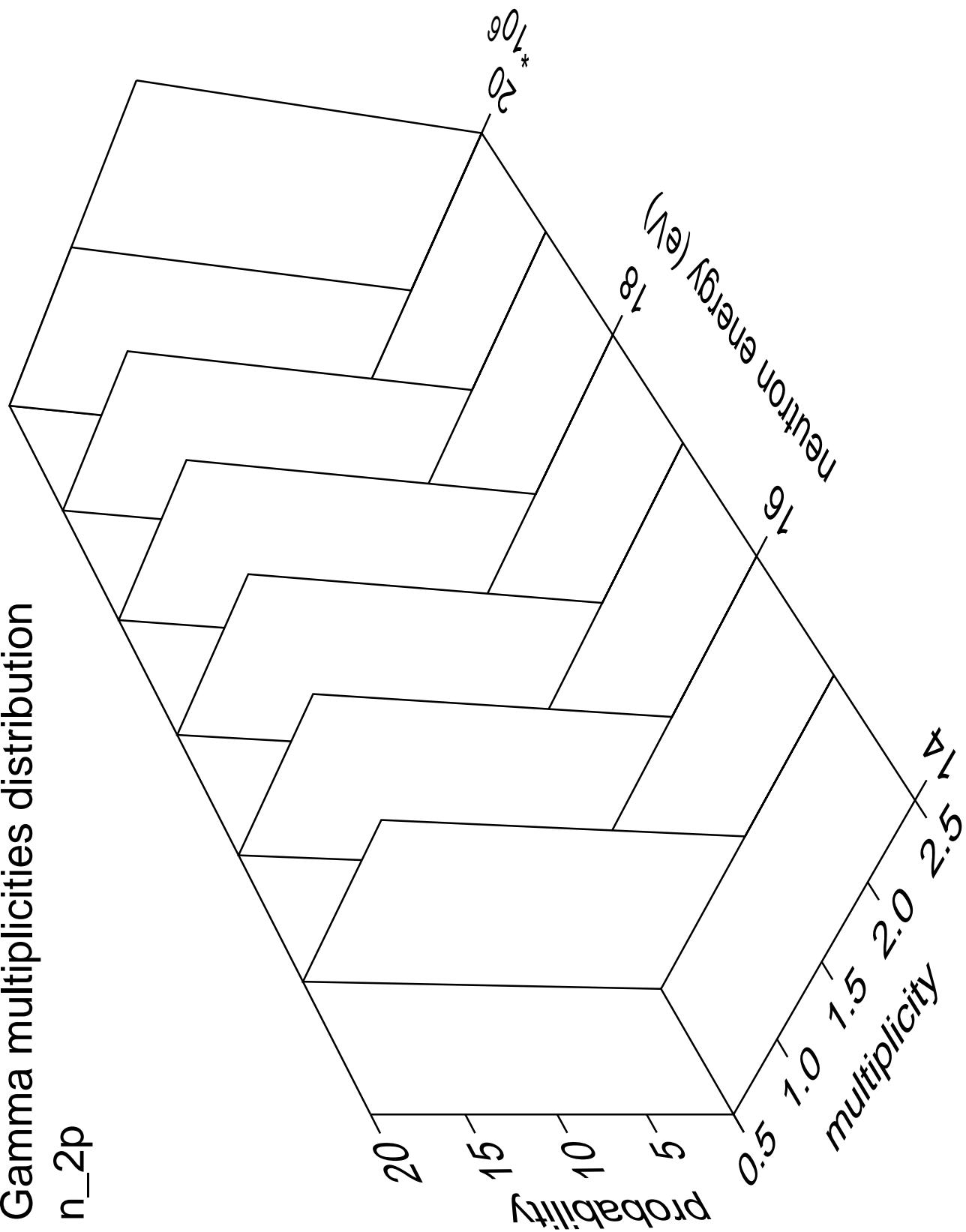
# Gamma energy distribution $n_{2p}$

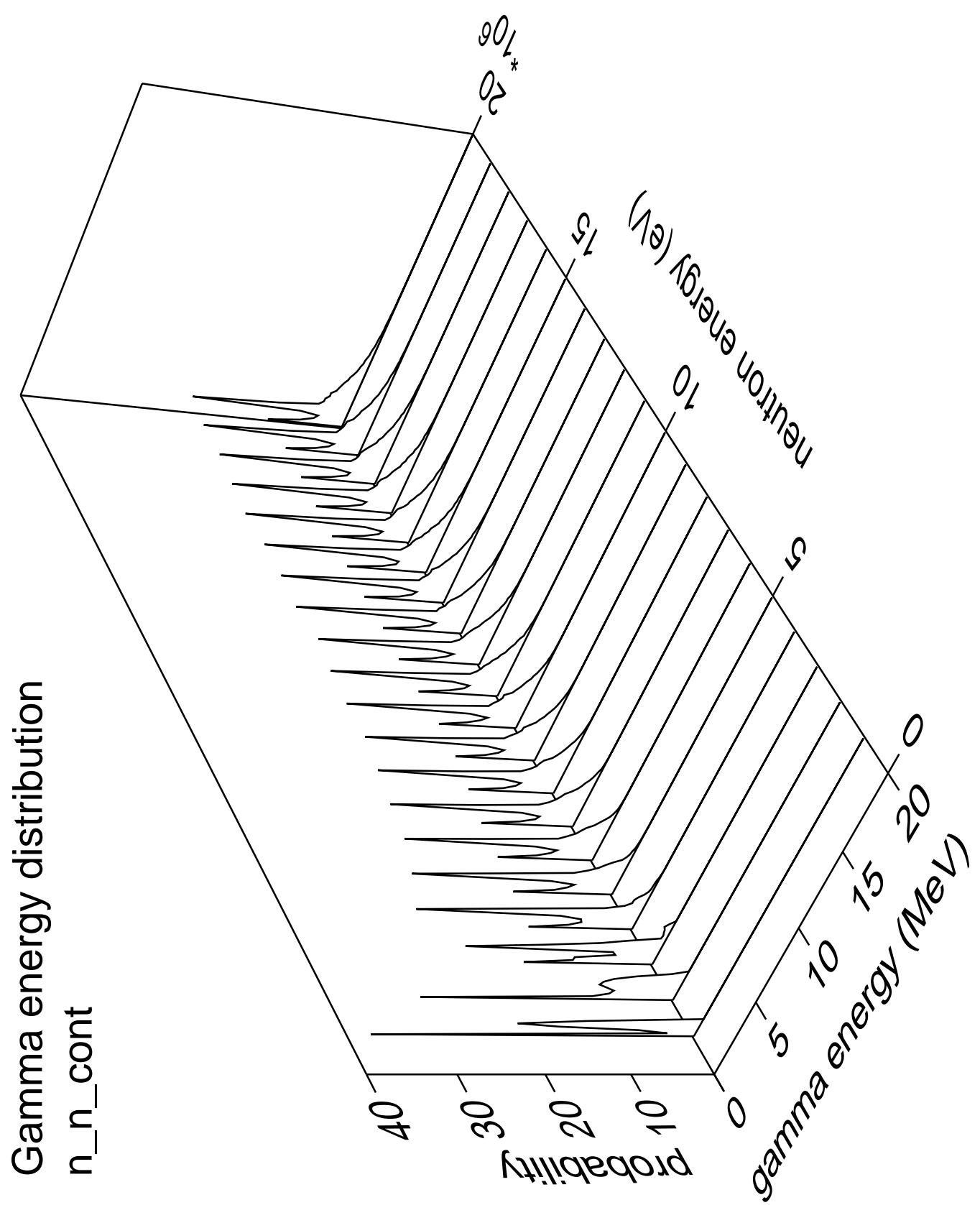


Gamma angles distribution  
n\_2p



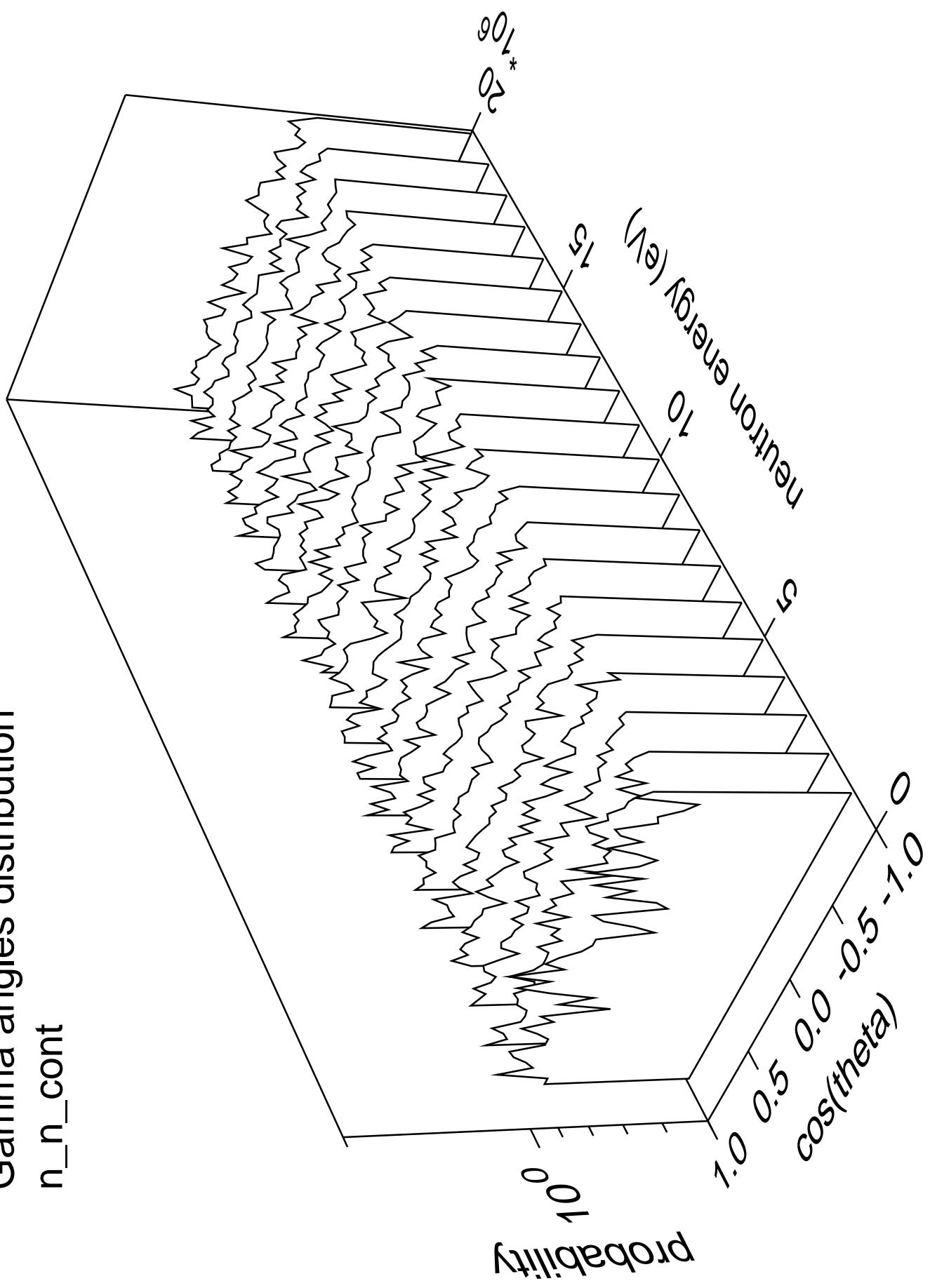
# Gamma multiplicities distribution n\_2p

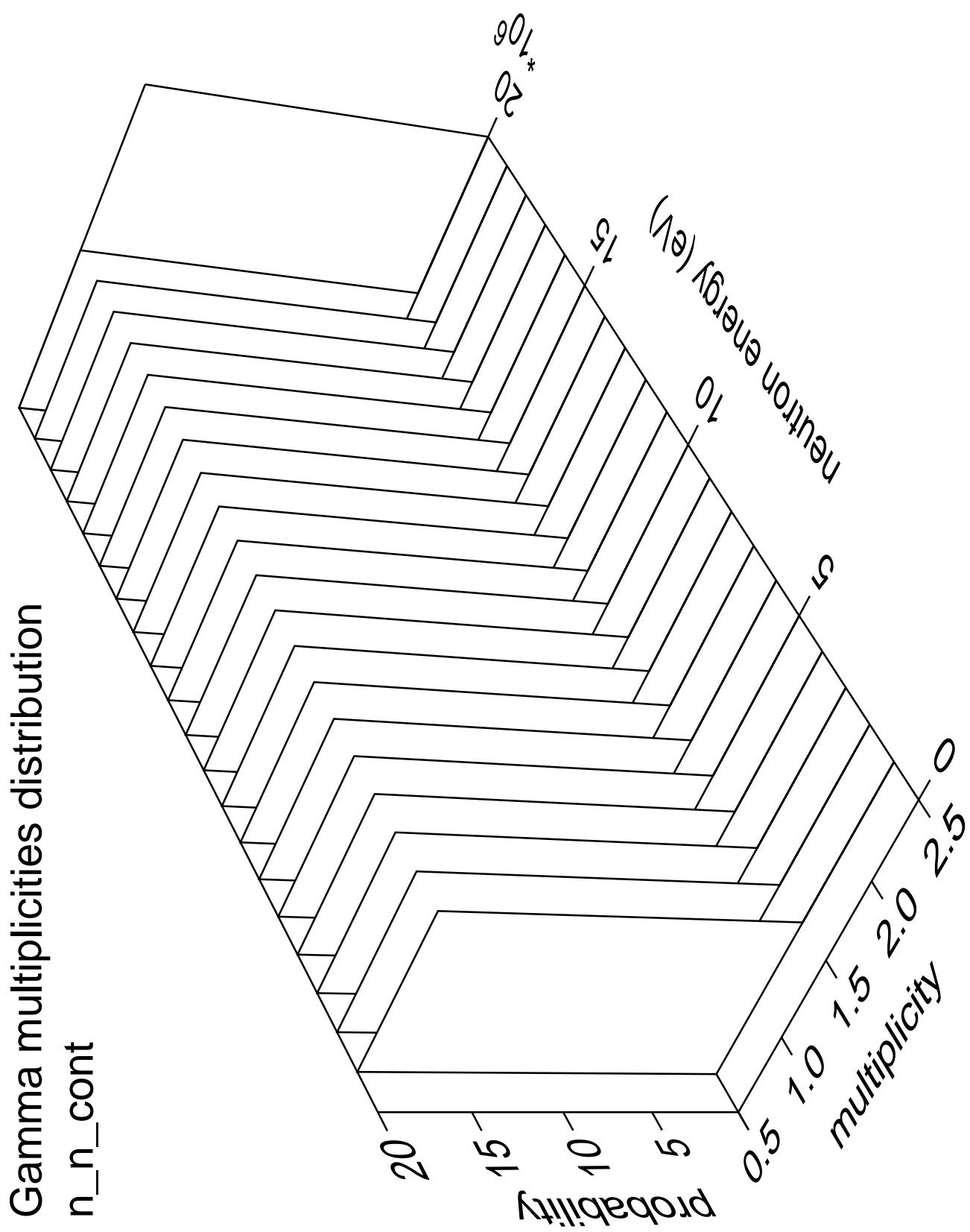


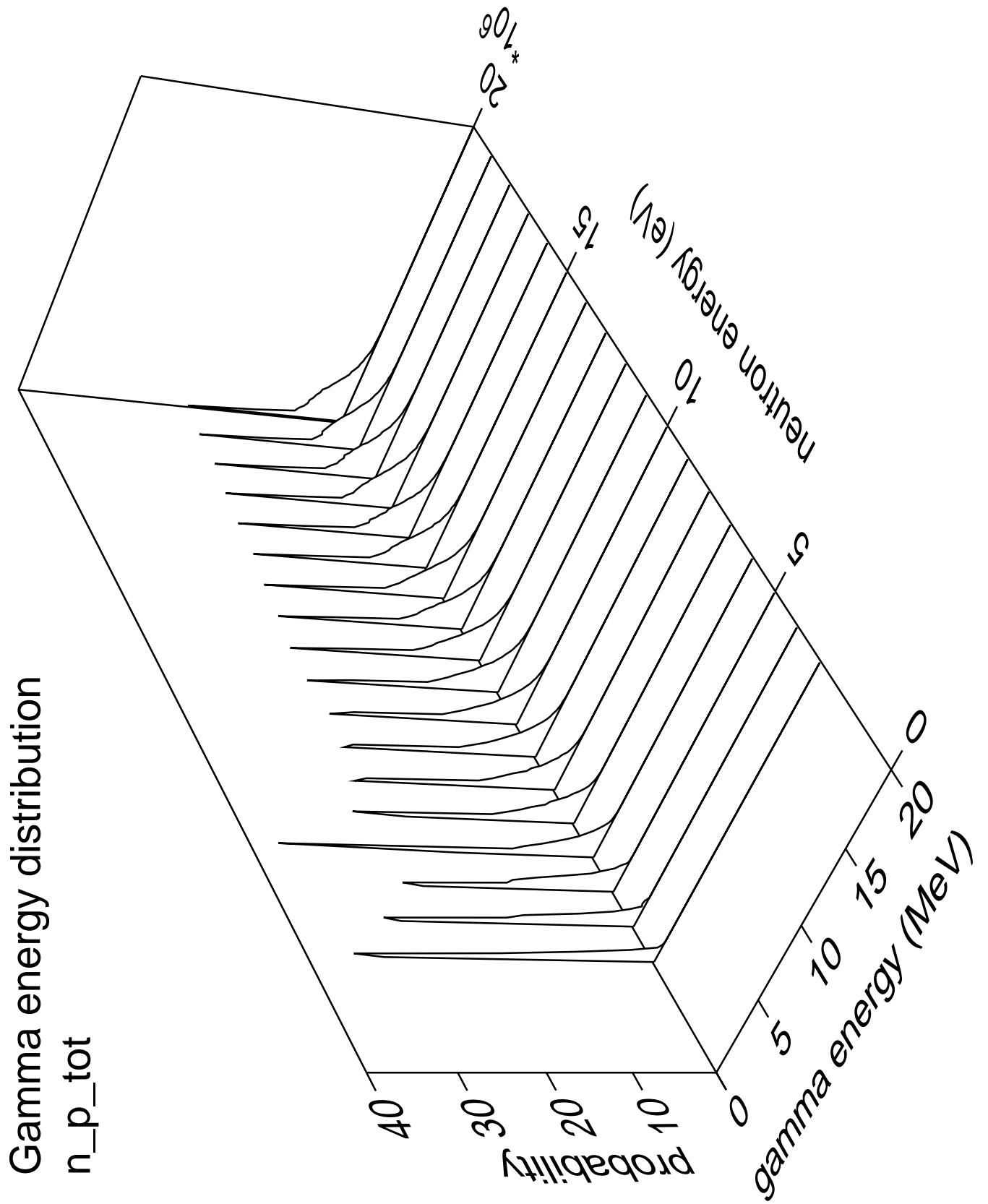


Gamma angles distribution

n\_n\_cont

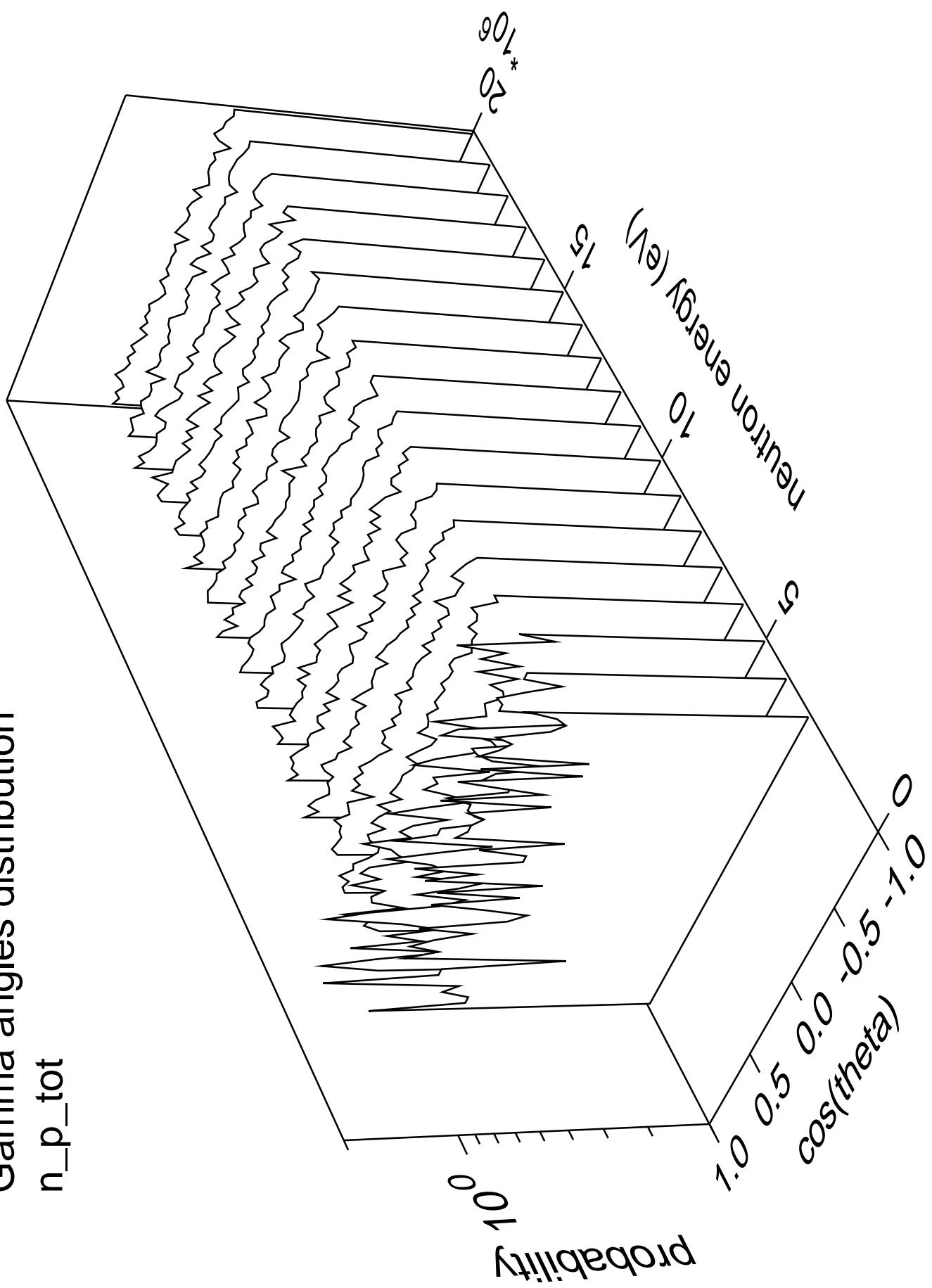






Gamma angles distribution

$n_{p\_tot}$



Probability

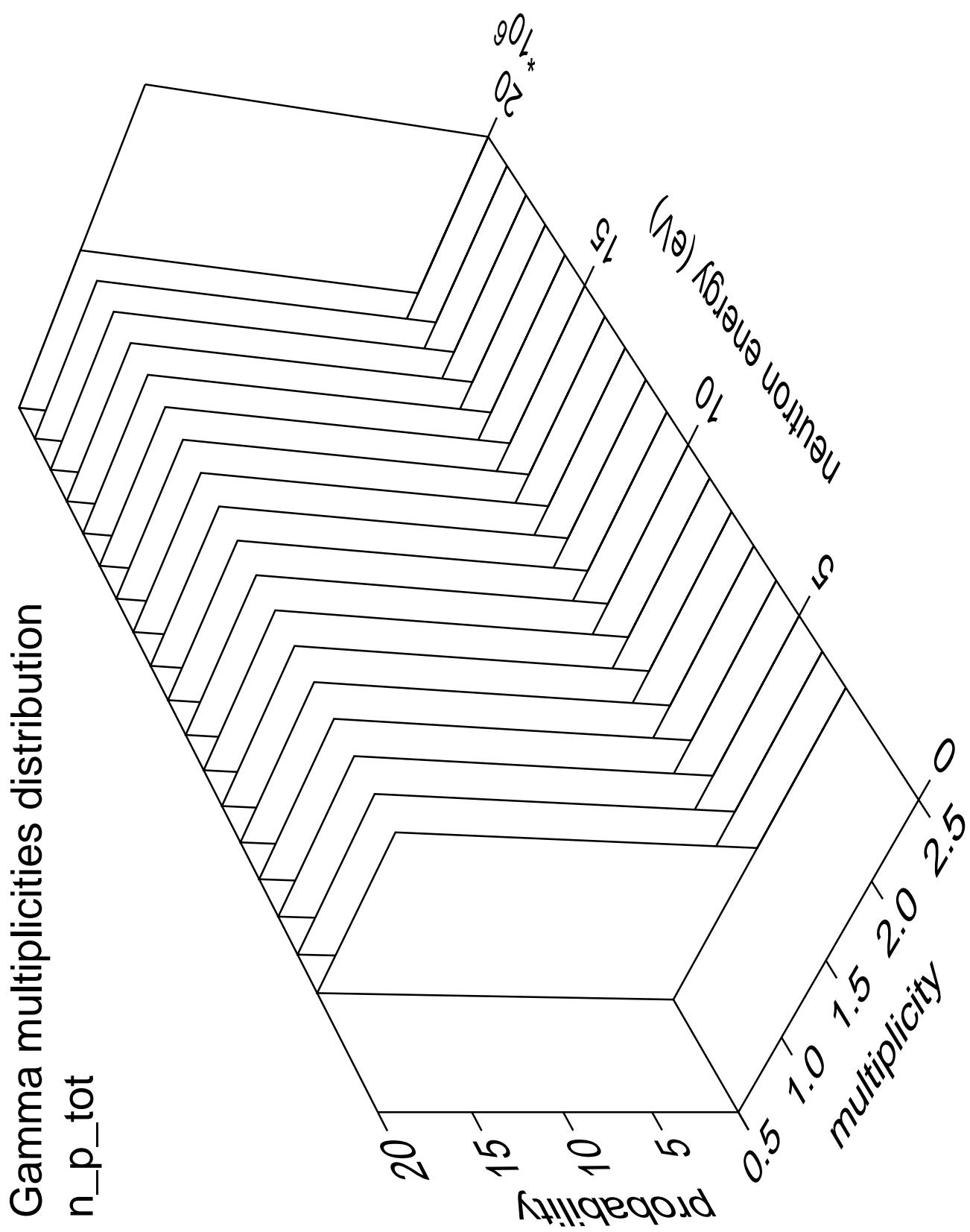
10<sup>0</sup>

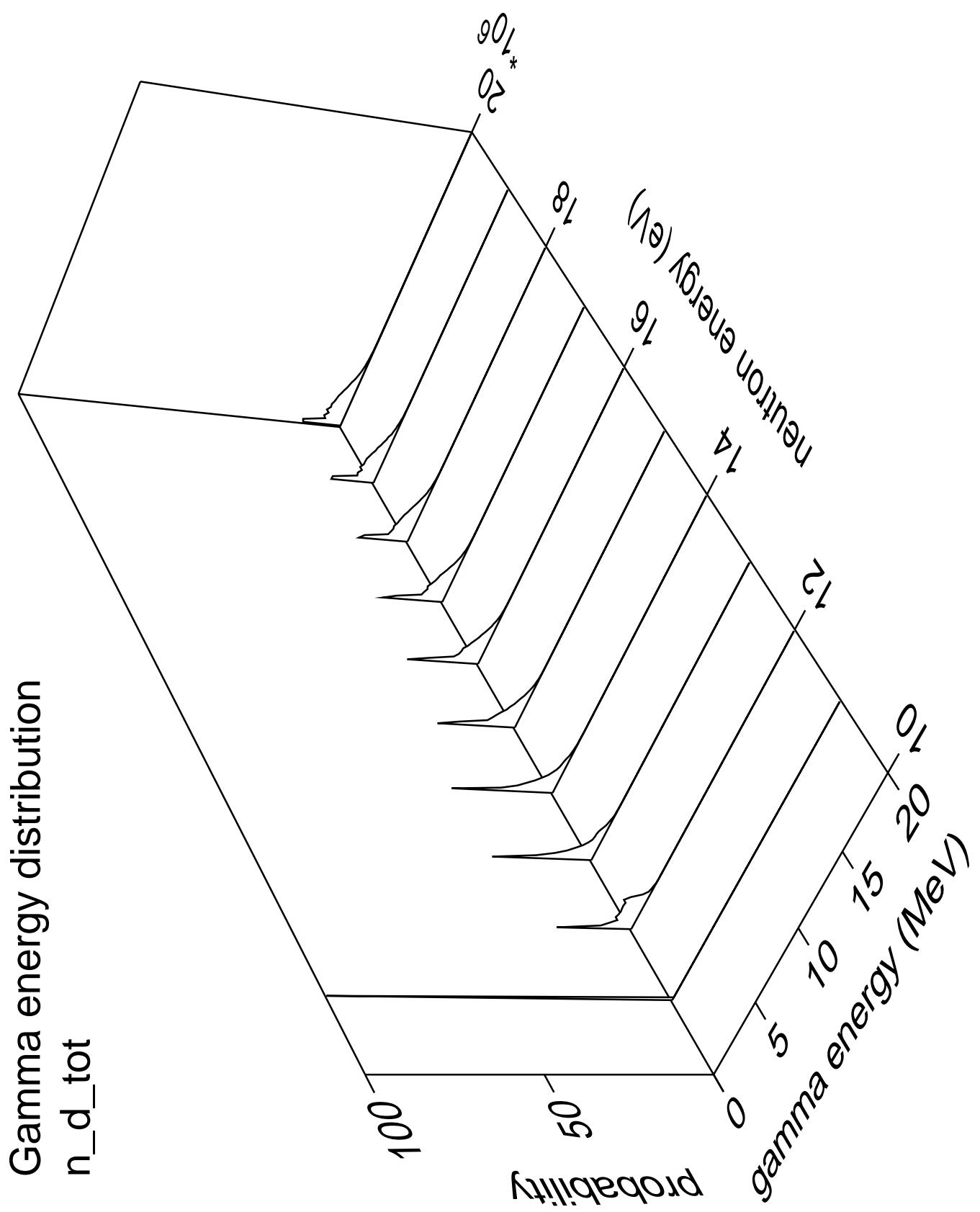
cos(theta)

1.0 0.5 0.0 -0.5 -1.0

Neutron energy (eV)

10<sup>4</sup>  
10<sup>3</sup>  
10<sup>2</sup>  
10<sup>1</sup>





Gamma angles distribution

$n_d_{tot}$

Probability

$10^0$

$10^{-1}$

$\vdots$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$cos(\theta)$

$1.0$

$0.5$

$0.0$

$-0.5$

$-1.0$

$Neutron energy (eV)$

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^0$

$10^0$

$10^{-1}$

$10^{-2}$

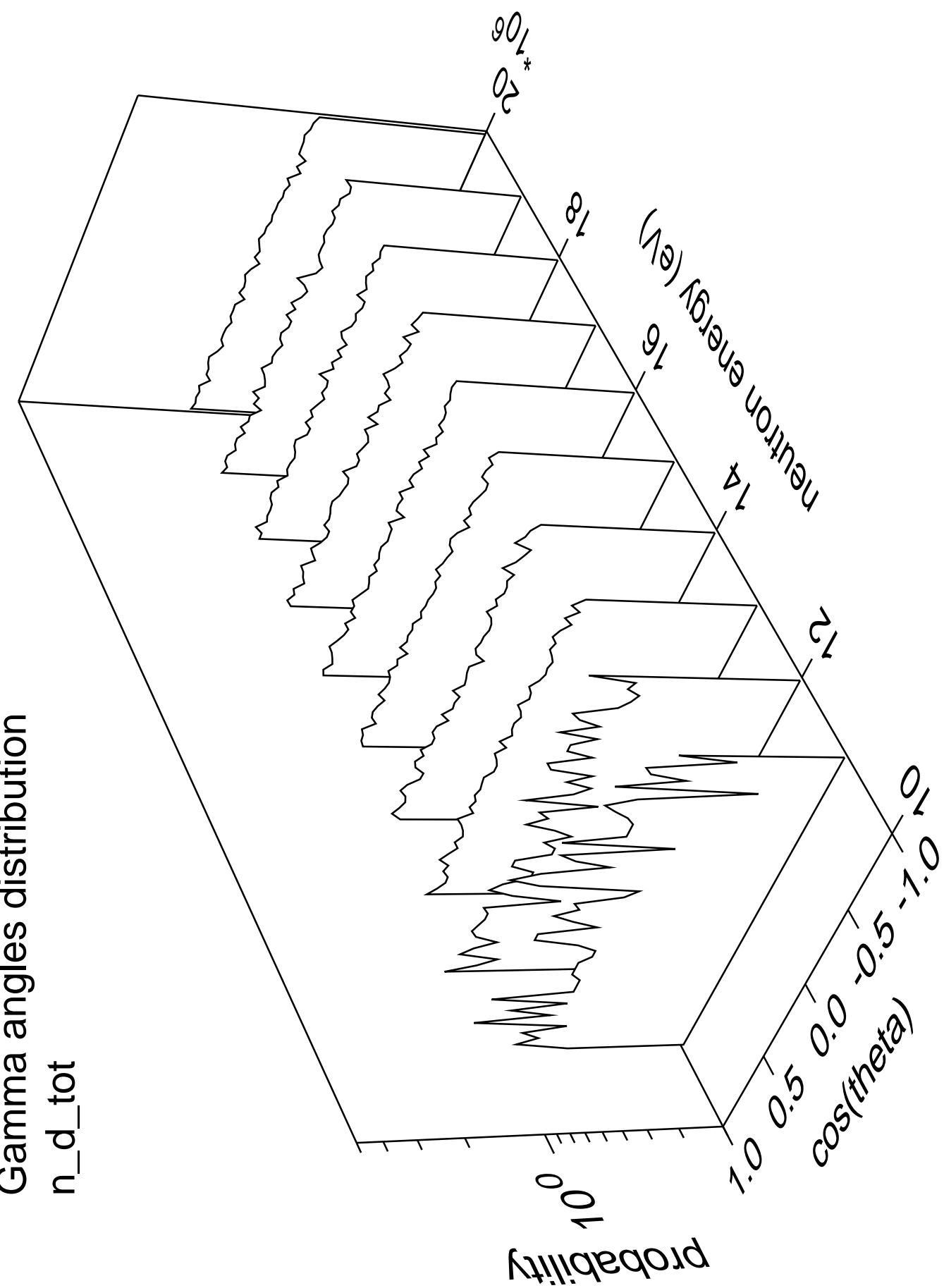
$10^{-3}$

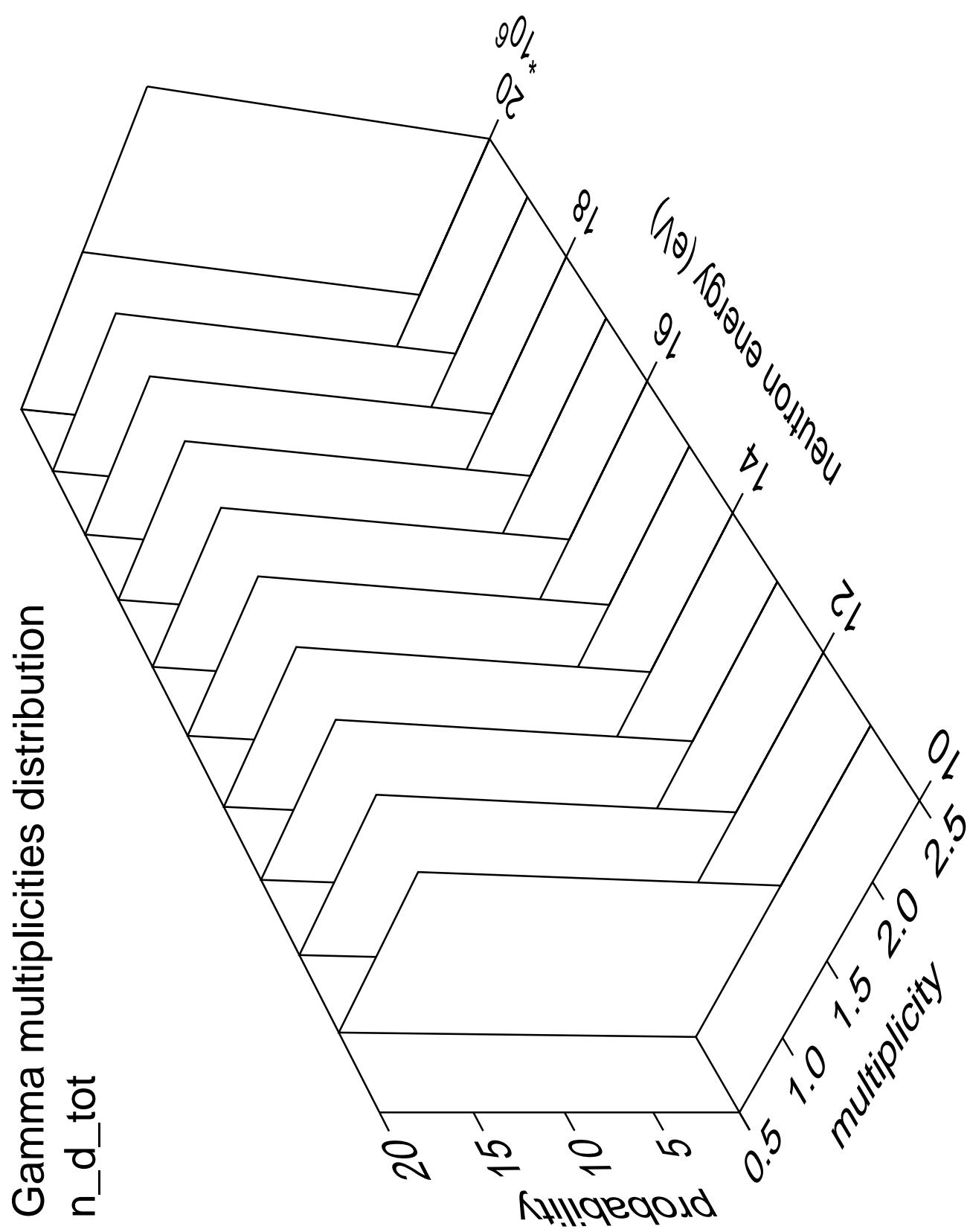
$10^{-4}$

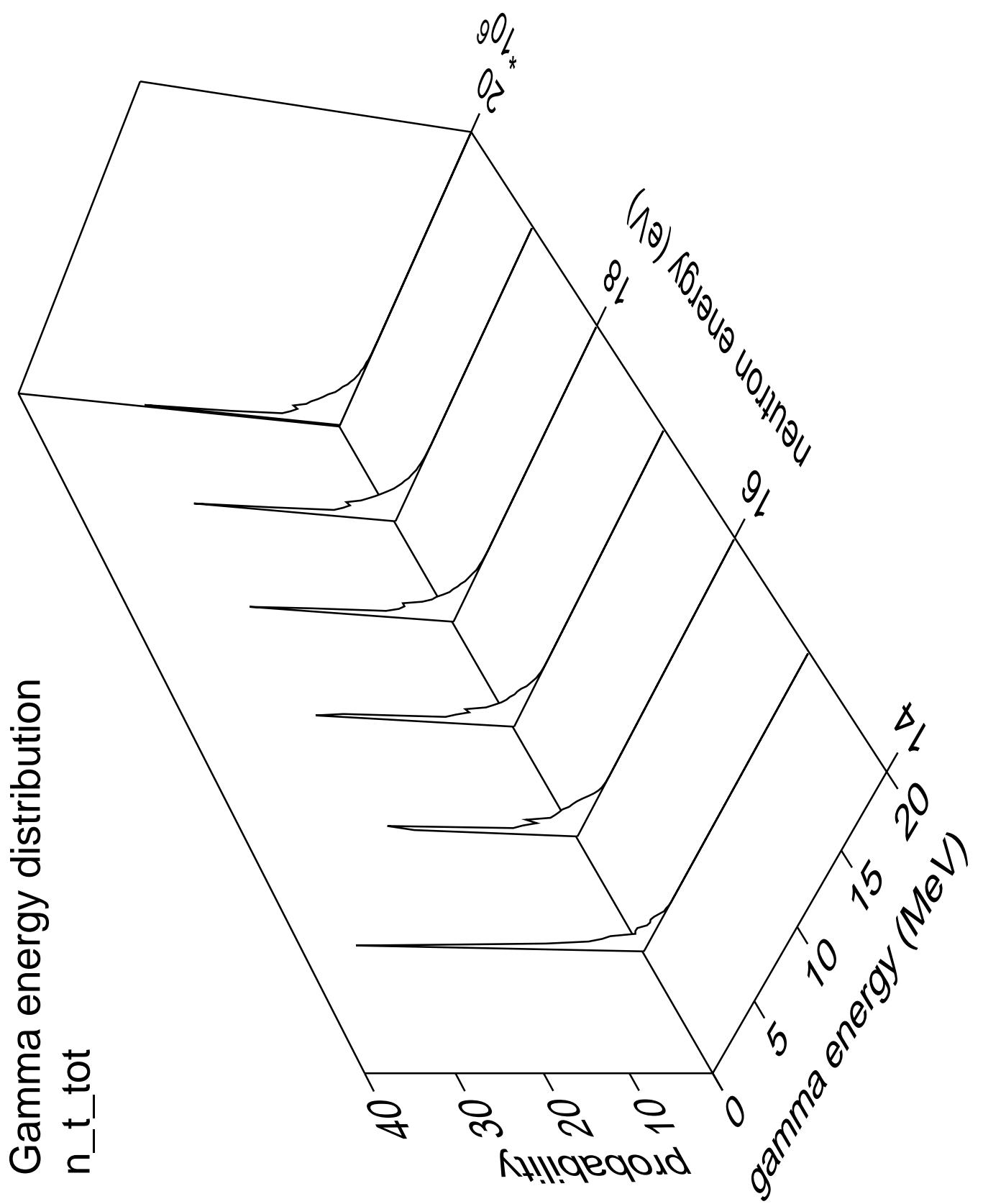
$10^{-5}$

$10^{-6}$

$10^{-7}$







Gamma angles distribution

$n_t_{tot}$

Probability

$10^0$

$10^6$

$10^8$

$10^{10}$

$10^{12}$

$10^{14}$

$10^{16}$

$10^{18}$

$10^{20}$

$10^{22}$

$10^{24}$

$10^{26}$

$10^{28}$

$10^{30}$

$10^{32}$

$10^{34}$

$10^{36}$

$10^{38}$

$10^{40}$

$10^{42}$

$10^{44}$

$10^{46}$

$10^{48}$

$10^{50}$

$10^{52}$

$10^{54}$

$10^{56}$

$10^{58}$

$10^{60}$

$10^{62}$

$10^{64}$

$10^{66}$

$10^{68}$

$10^{70}$

$10^{72}$

$10^{74}$

$10^{76}$

$10^{78}$

$10^{80}$

$10^{82}$

$10^{84}$

$10^{86}$

$10^{88}$

$10^{90}$

$10^{92}$

$10^{94}$

$10^{96}$

$10^{98}$

$10^{100}$

$10^{102}$

$10^{104}$

$10^{106}$

$10^{108}$

$10^{110}$

$10^{112}$

$10^{114}$

$10^{116}$

$10^{118}$

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$10^{122}$

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$10^{500}$

$10^{502}$

$10^{504}$

$10^{506}$

$10^{508}$

$10^{510}$

$10^{512}$

$10^{514}$

$10^{516}$

$10^{518}$

$10^{520}$

$10^{522}$

$10^{524}$

$10^{526}$

$10^{528}$

&lt;

Gamma multiplicities distribution

$n_t_{tot}$

20

15

10

5

0.5

Probability

1.5  
2.0  
multiplicity

2.5

3.0

Neutron energy (eV)

16

18

20

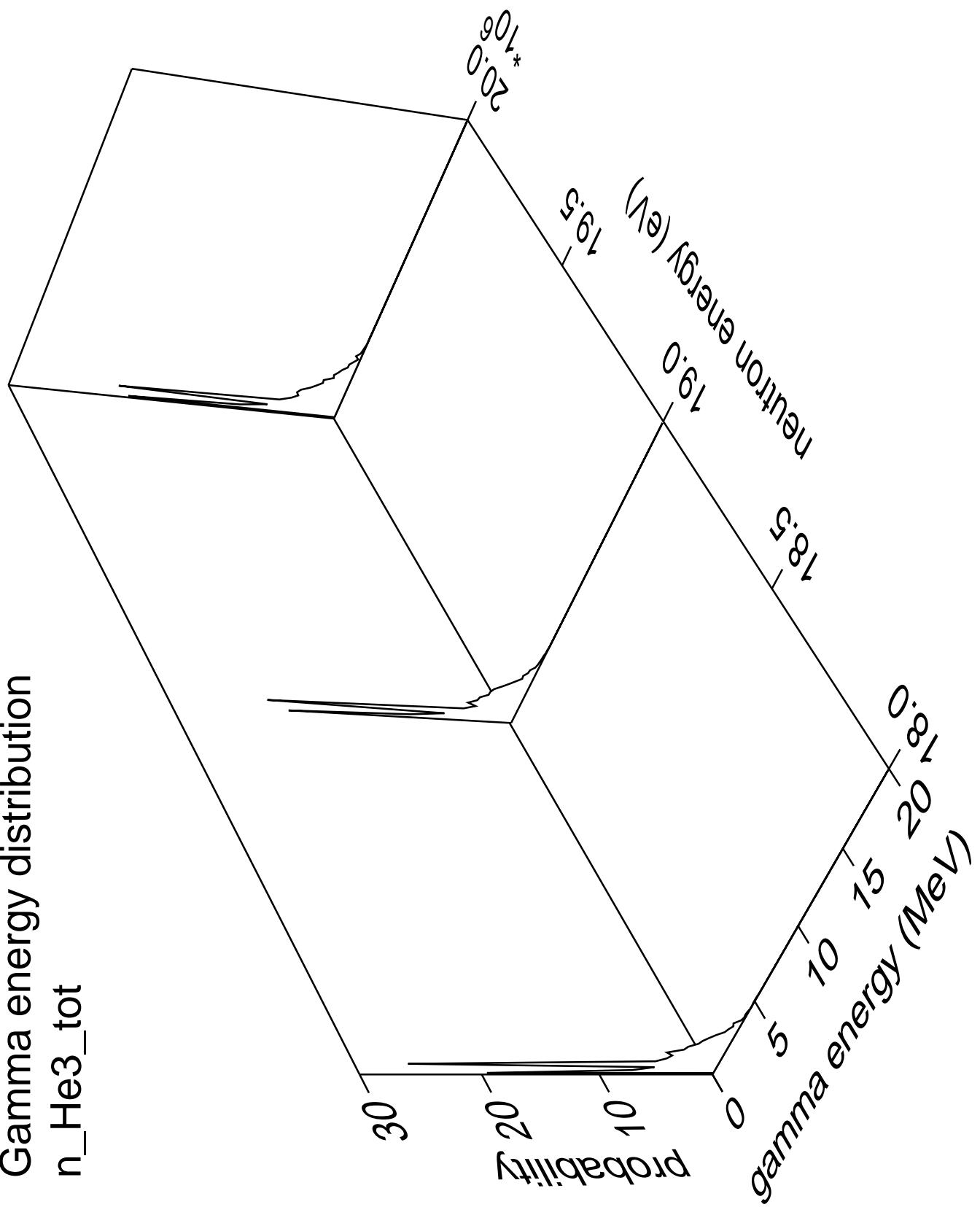
22

24

26

100  
200

# Gamma energy distribution $n_{\text{He3\_tot}}$



Gamma angles distribution

n\_He3\_tot

Probability

$10^0$

\*

1.0

0.5

0.0

-0.5

-1.0

$\cos(\theta)$

0.0 -1.0

0.5 -0.5

1.0 -1.0

0.8

0.5

0.2

0.0

-0.2

-0.5

-0.8

-1.0

Neutron energy (eV)

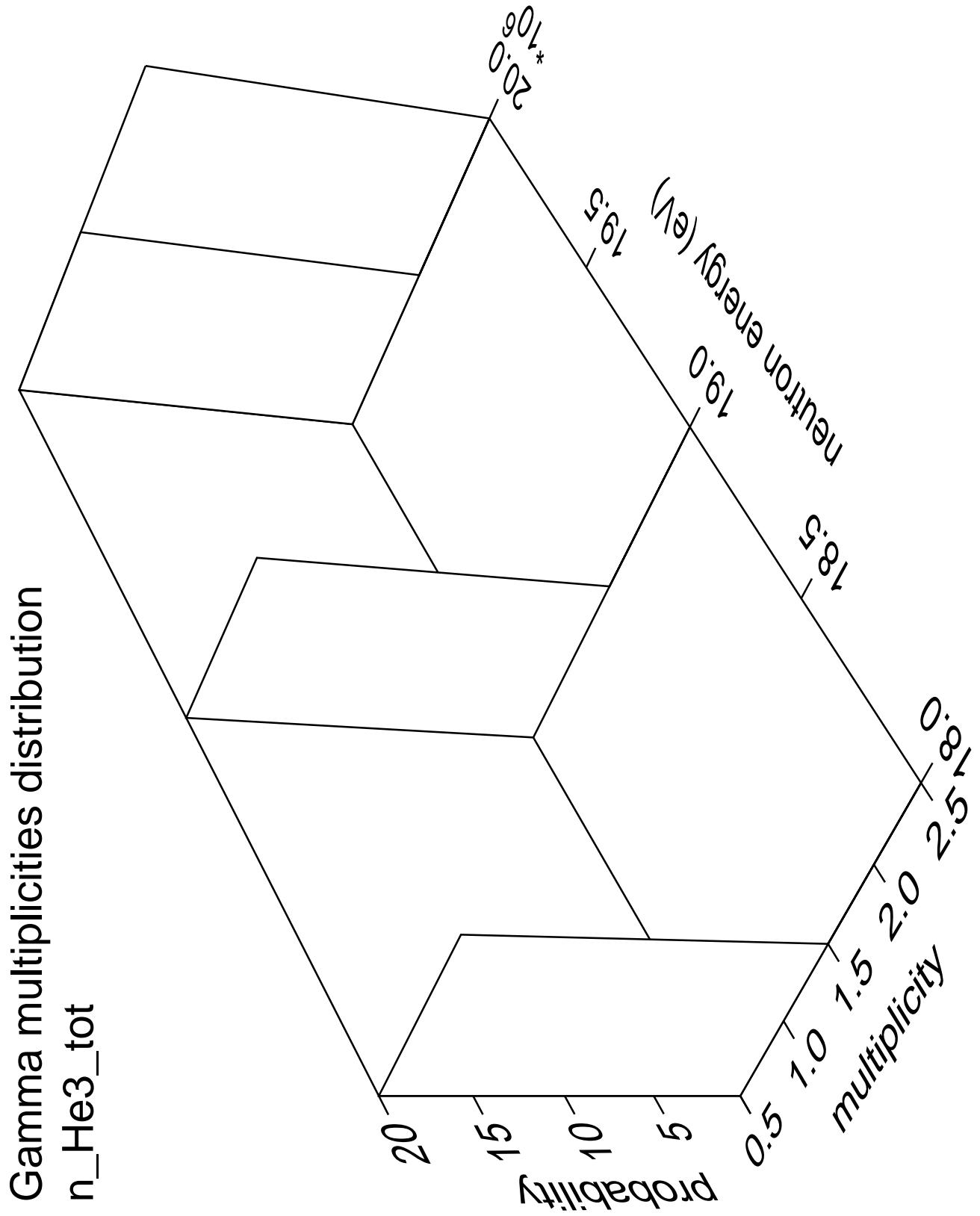
19.0

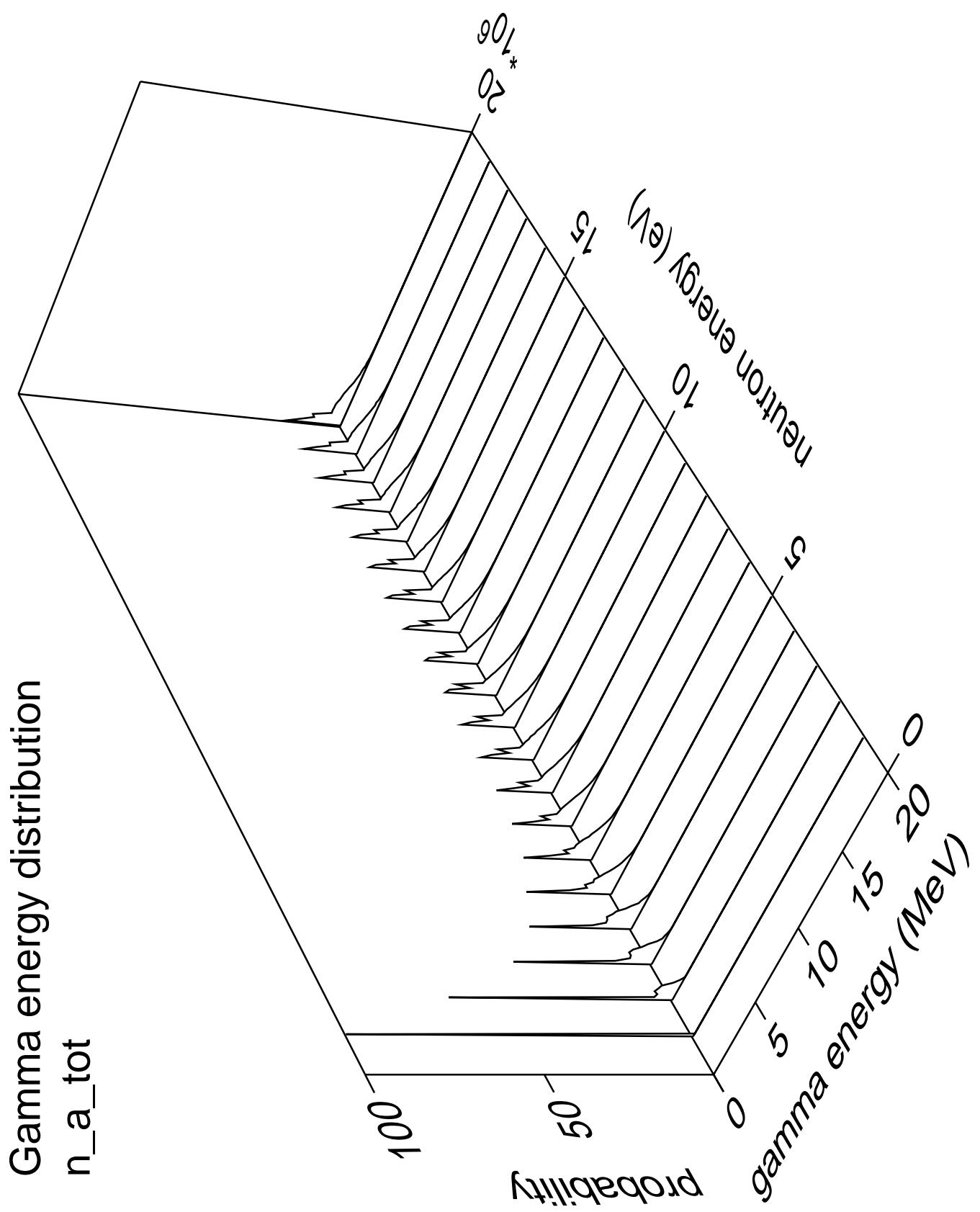
19.5

20.0

20.5

21.0





Gamma angles distribution

$n_a_{tot}$

