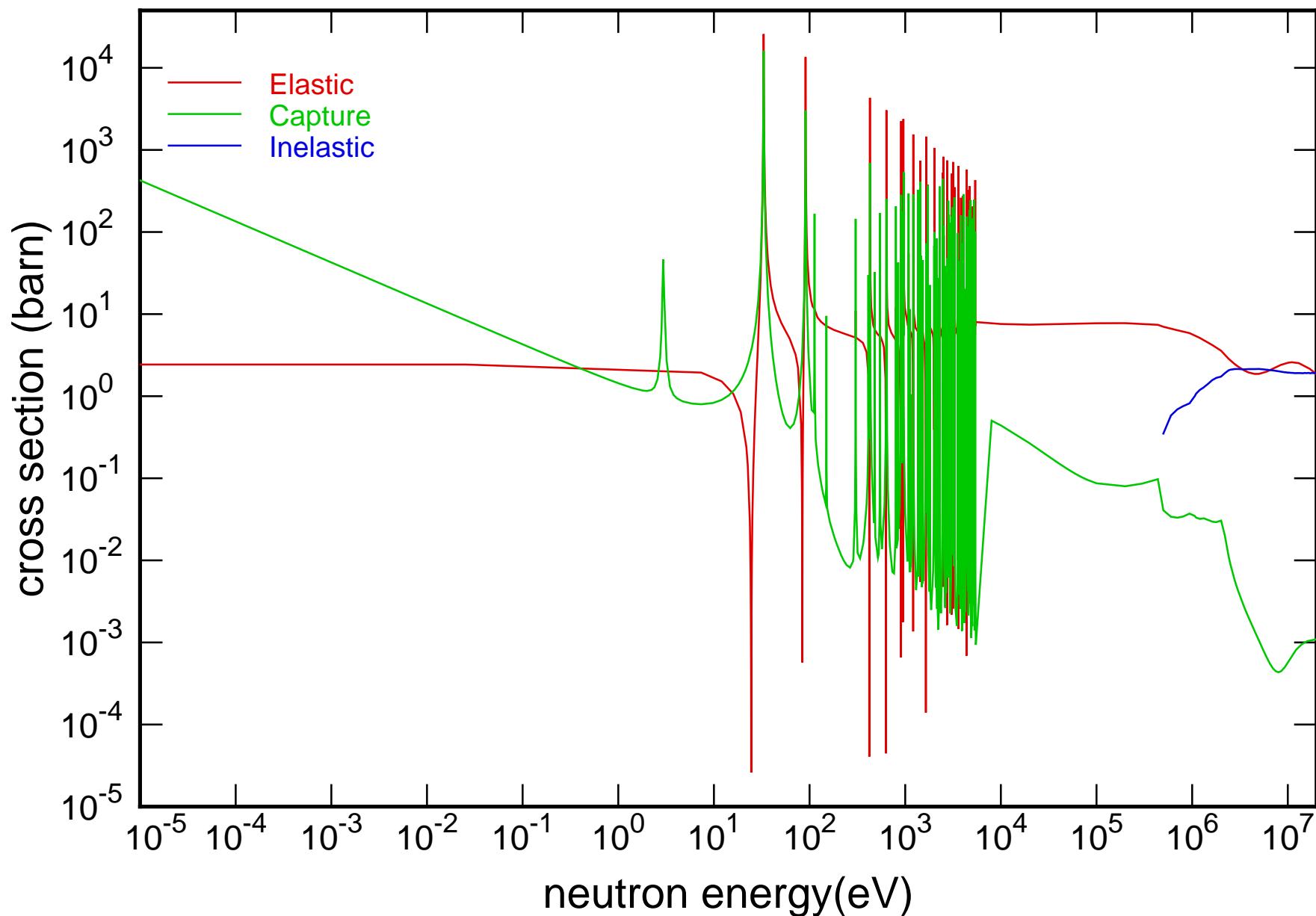
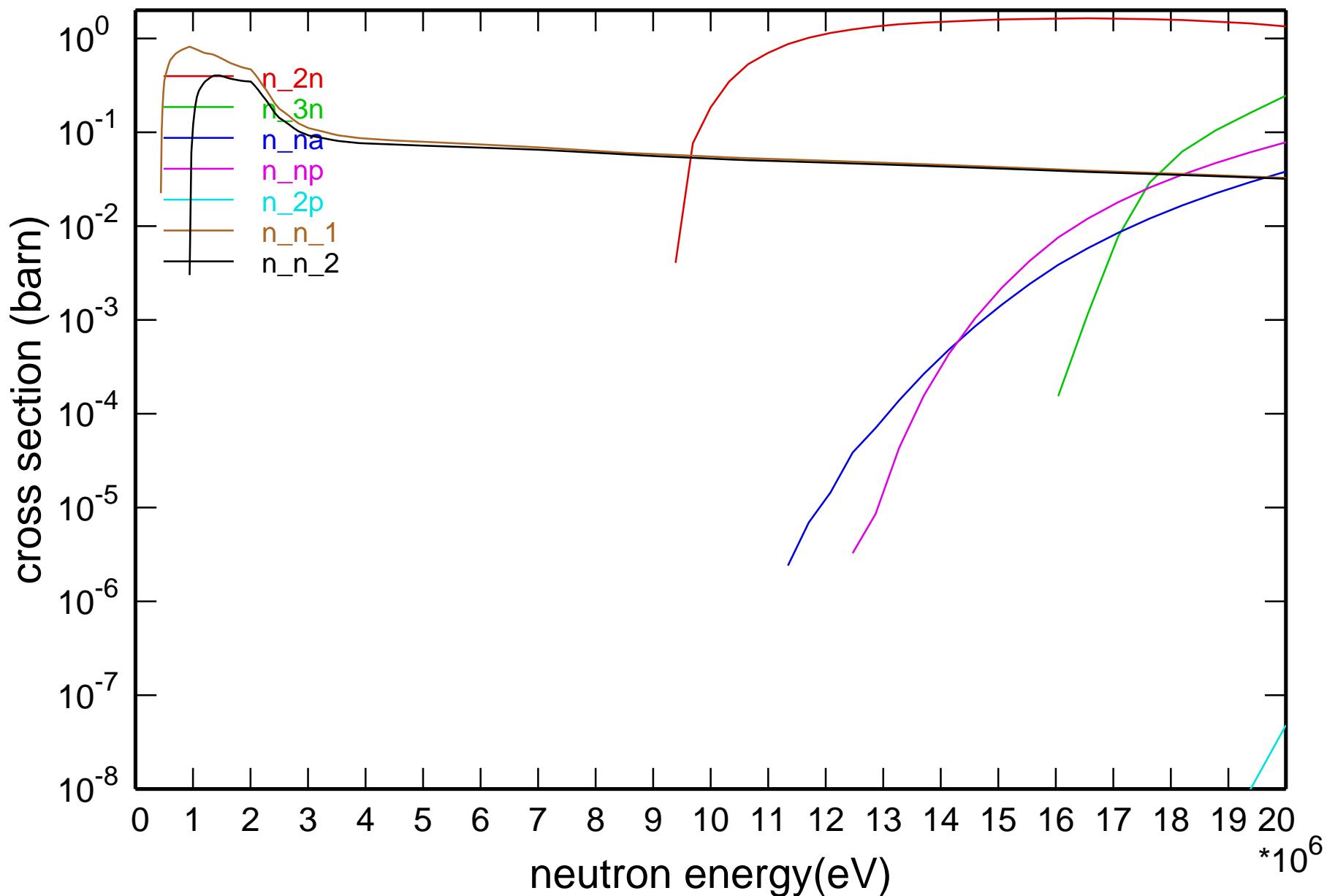


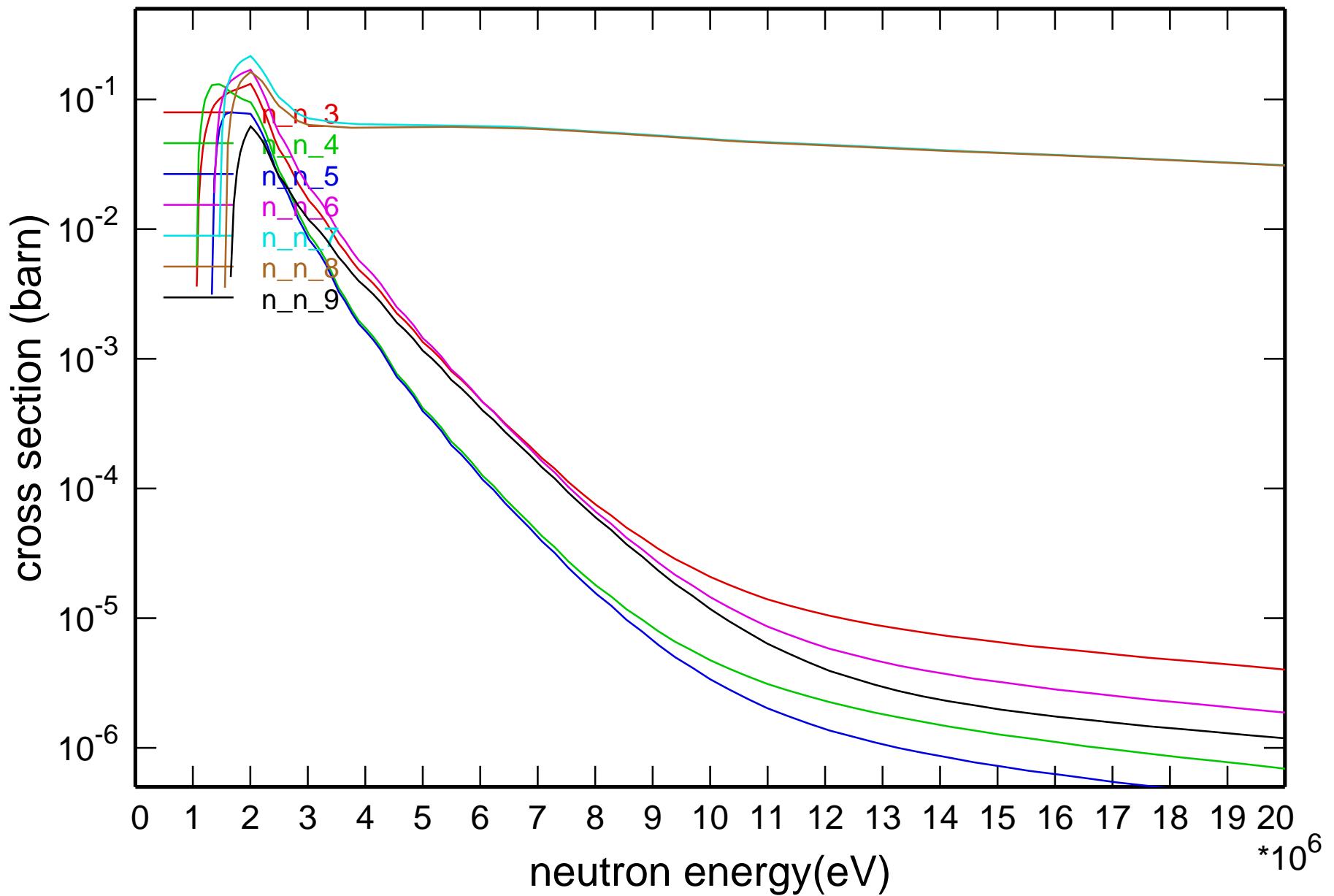
Main Cross Sections



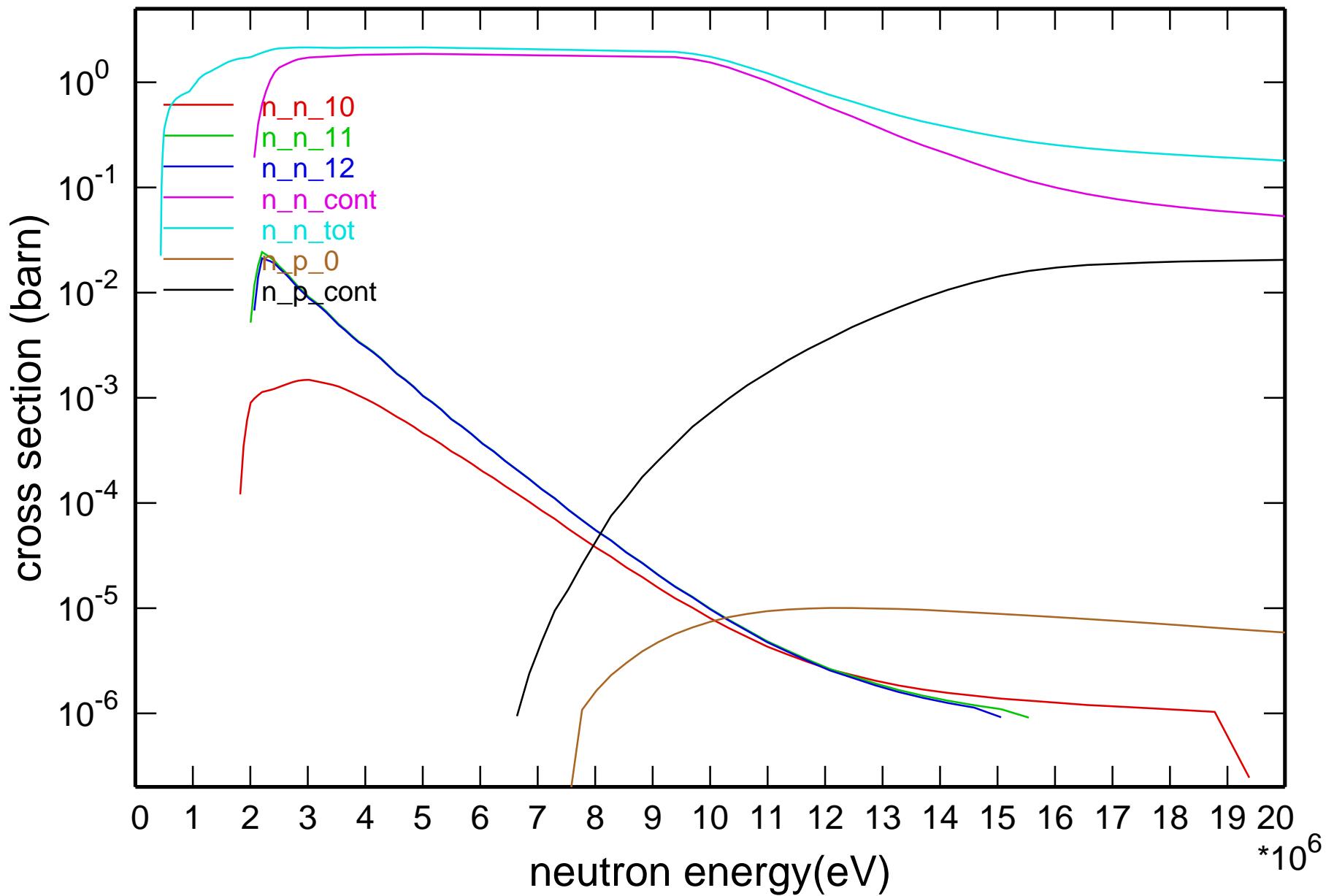
Cross Section



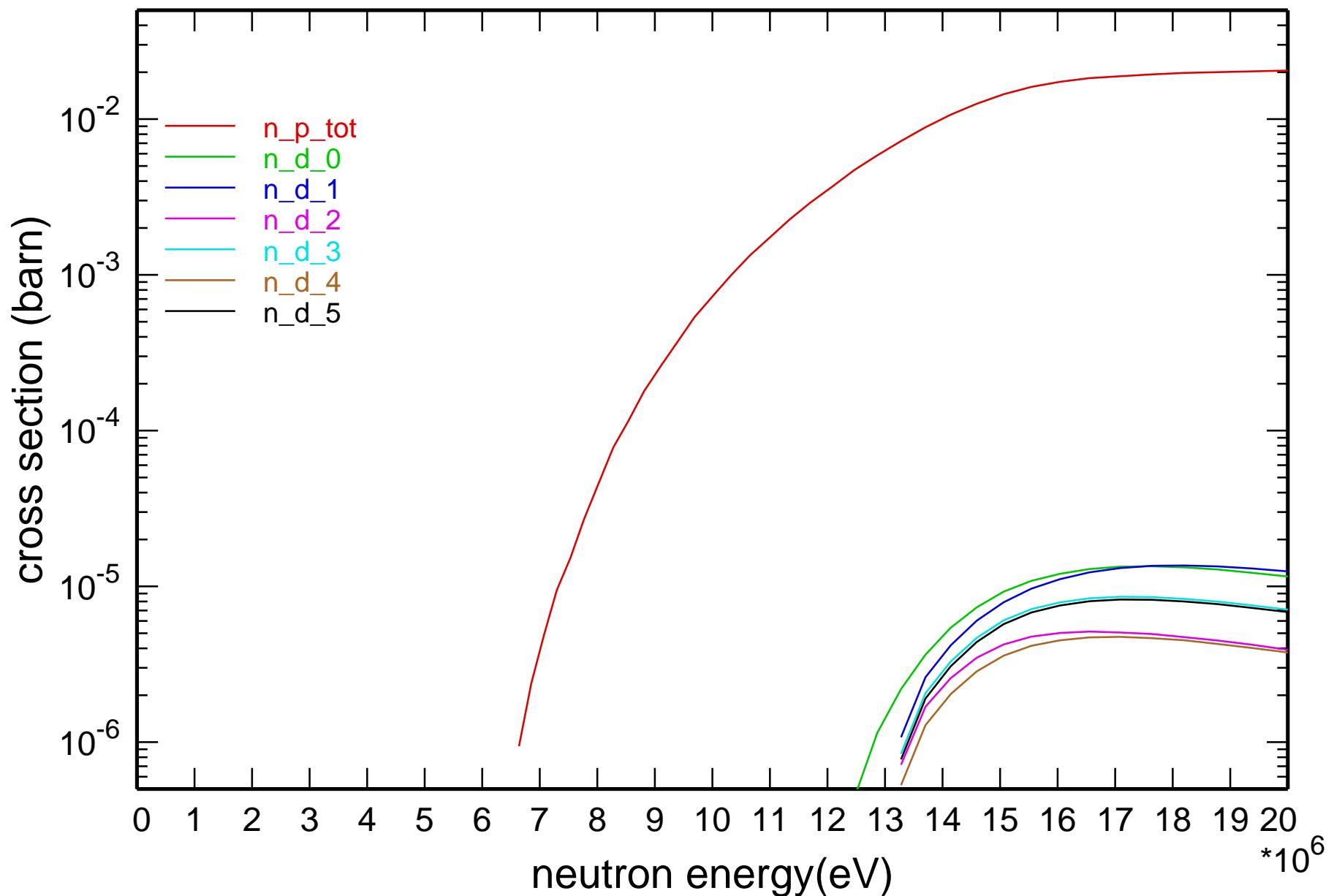
Cross Section



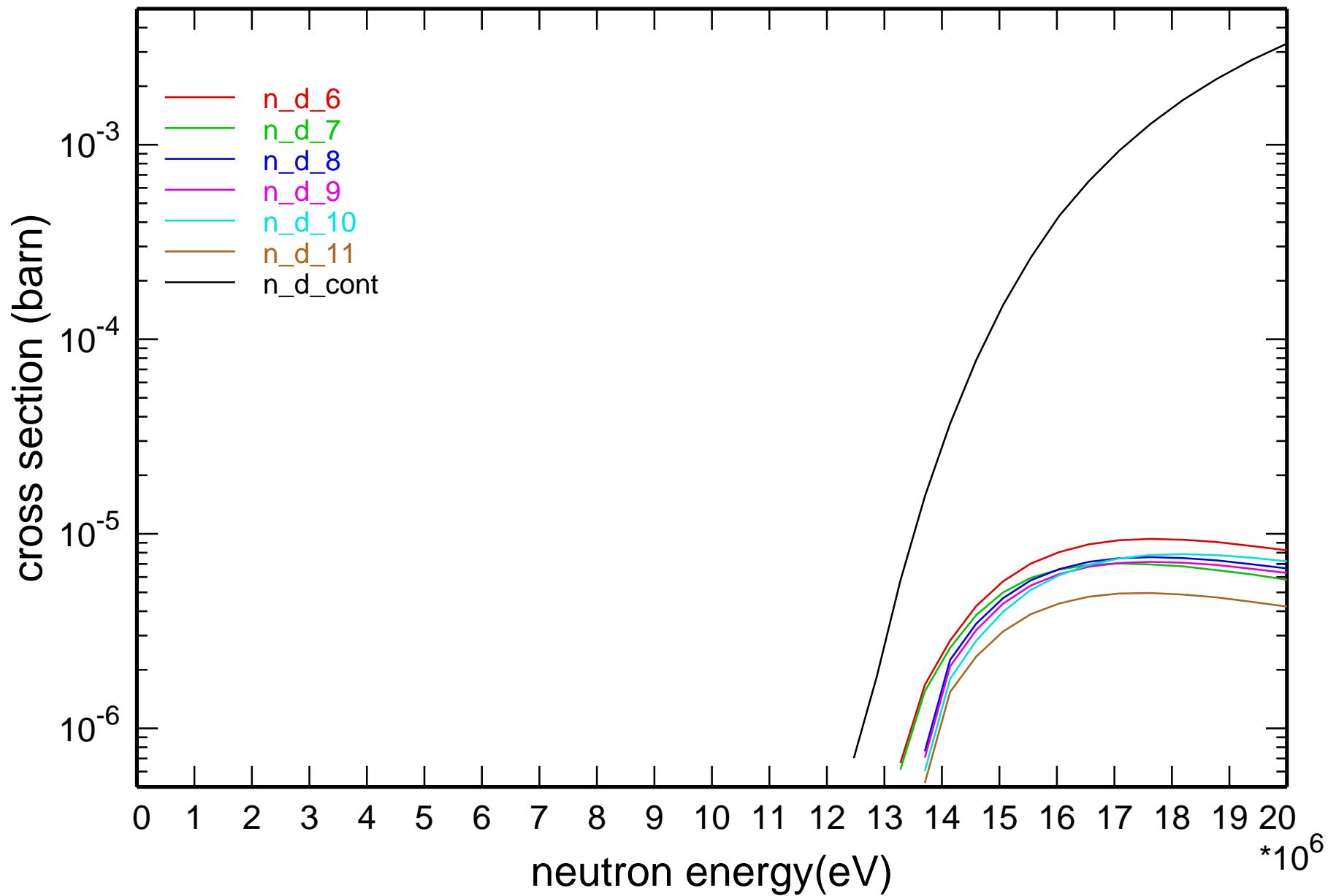
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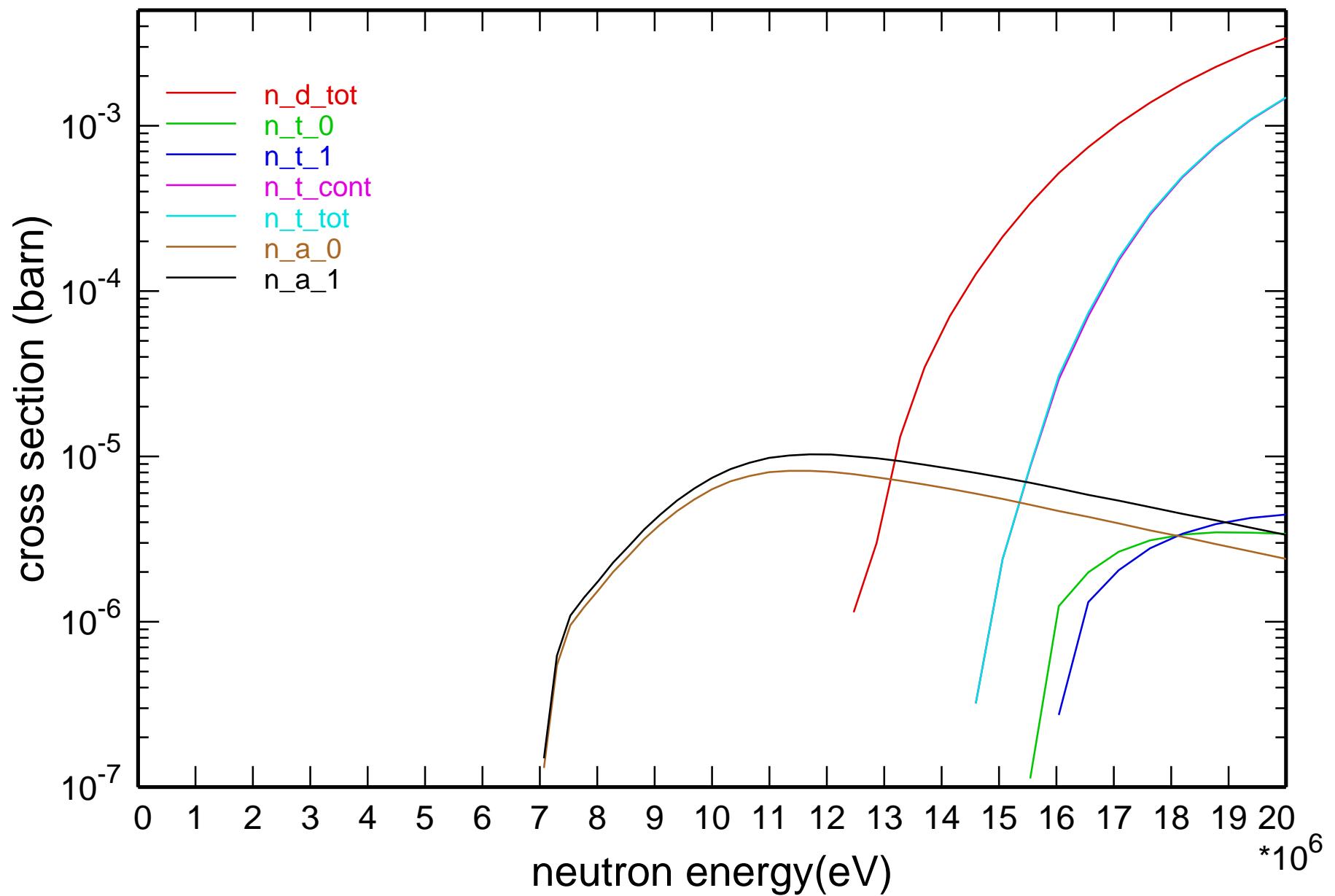
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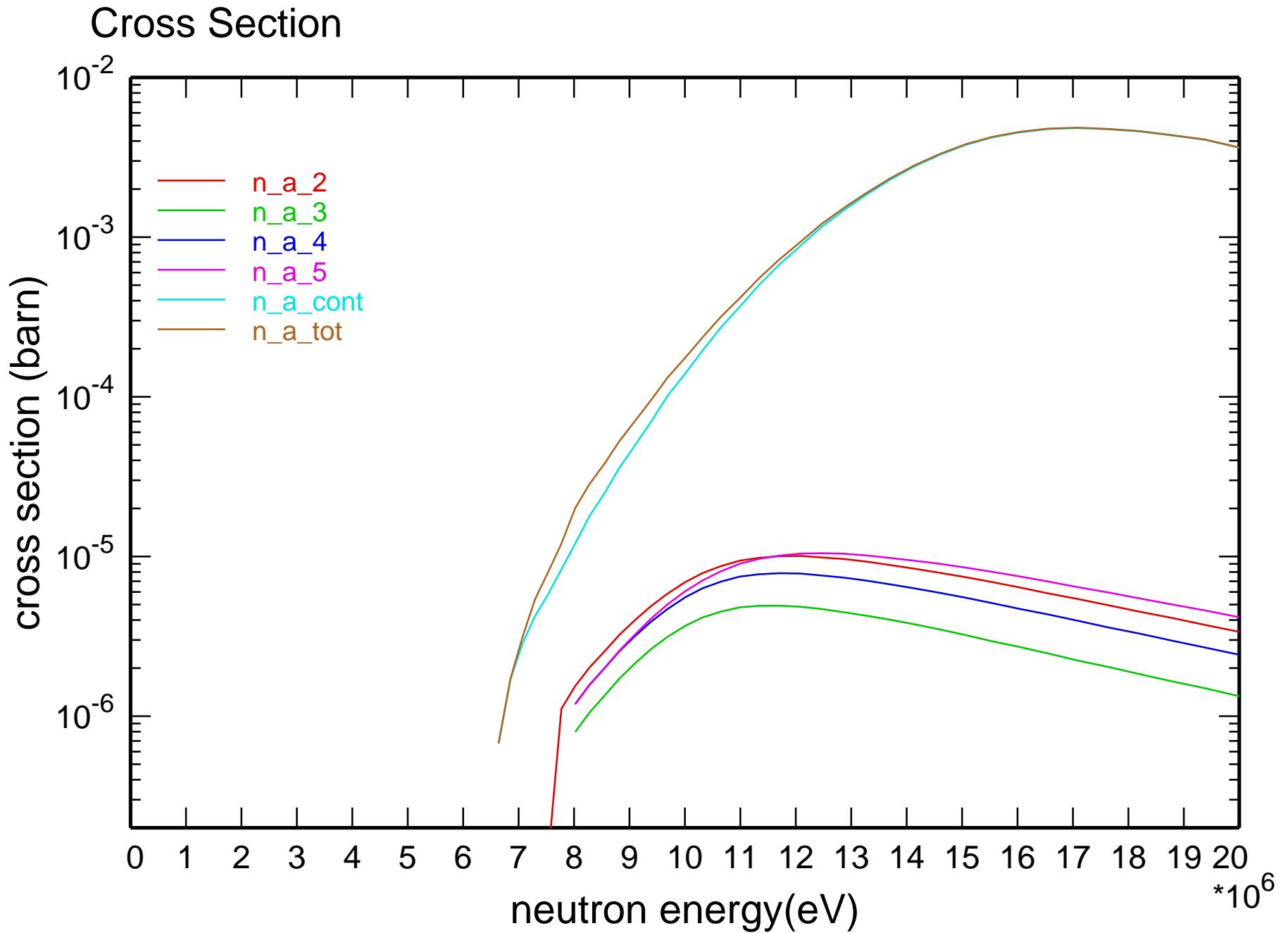


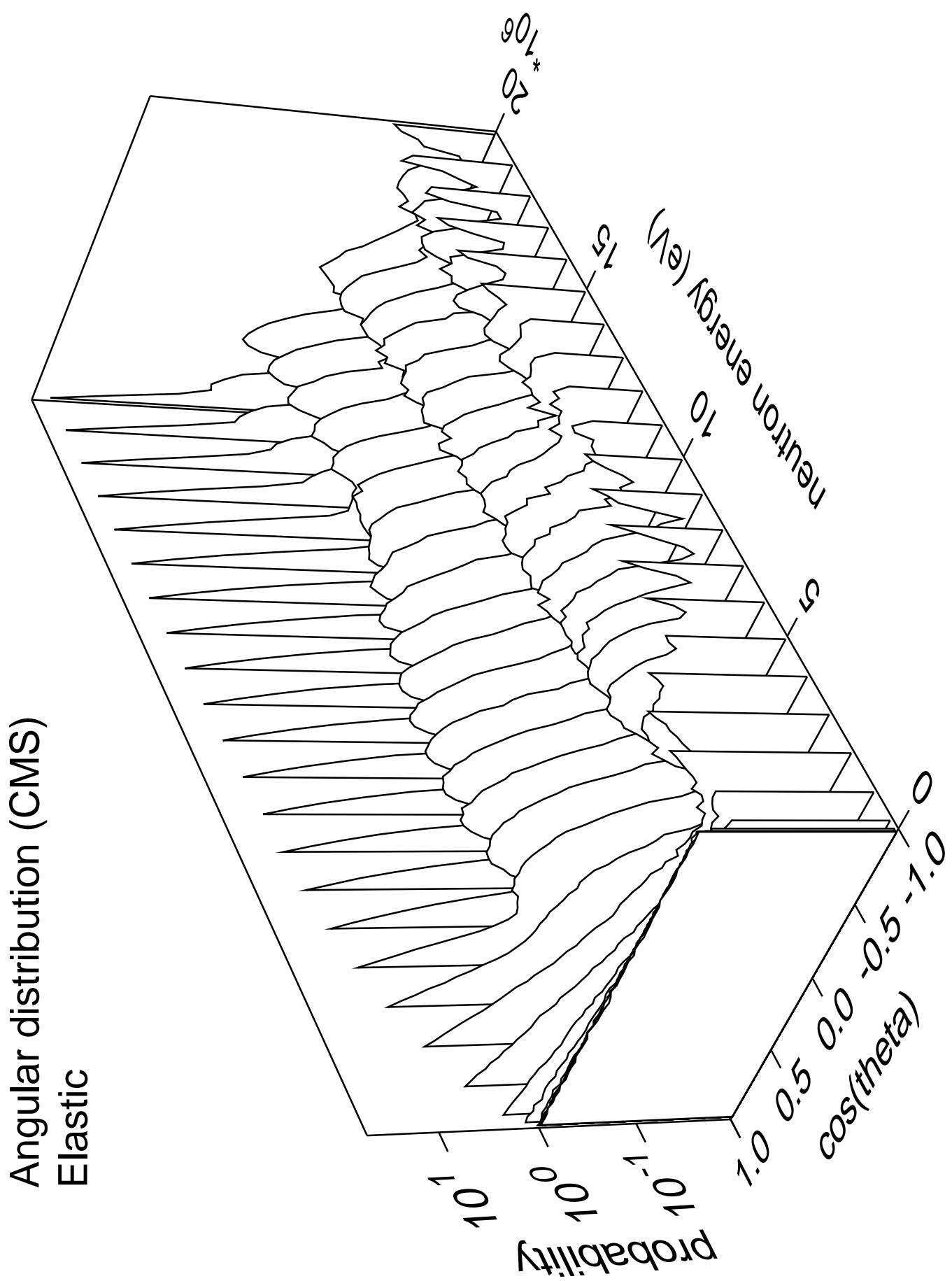
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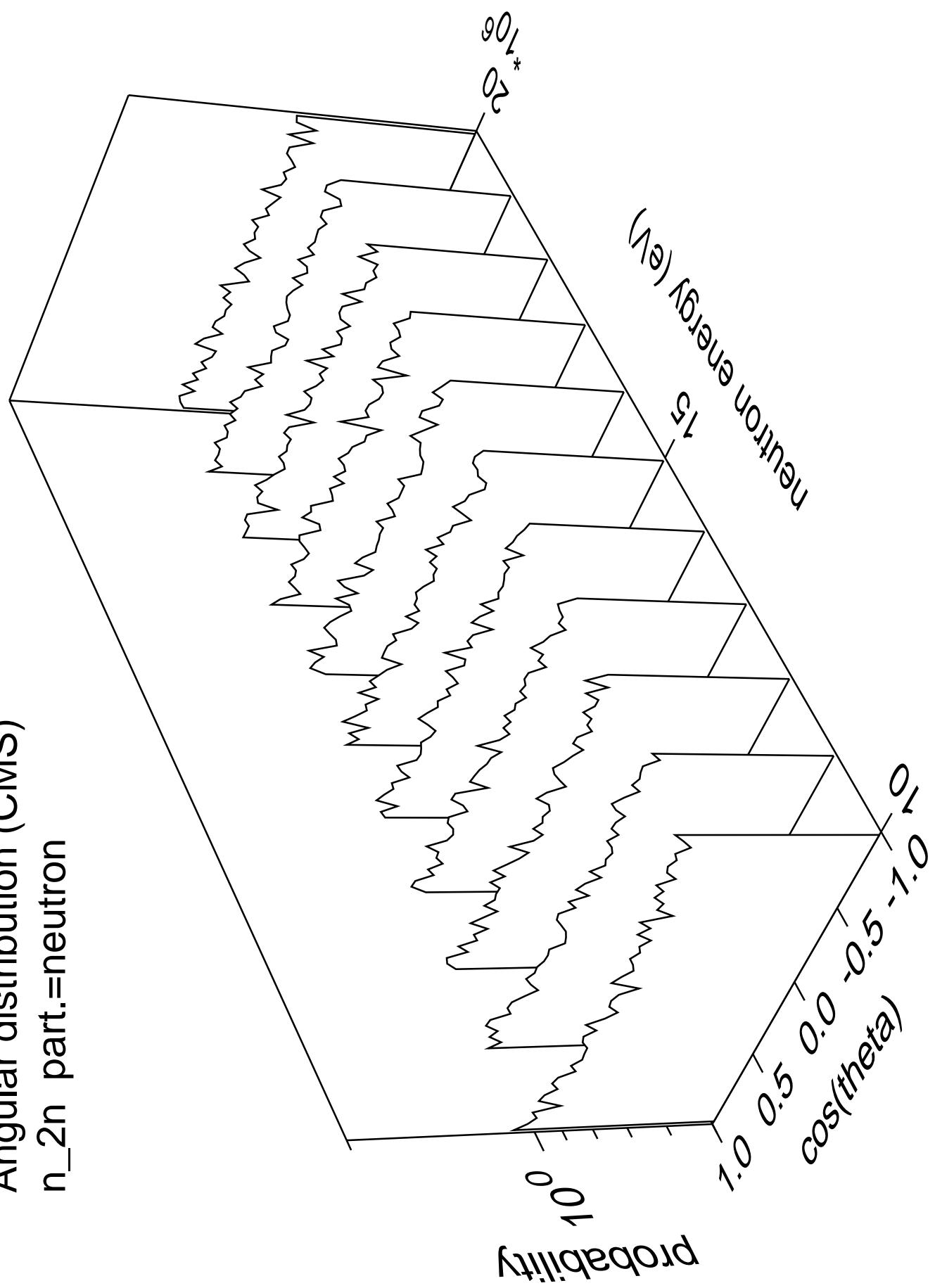
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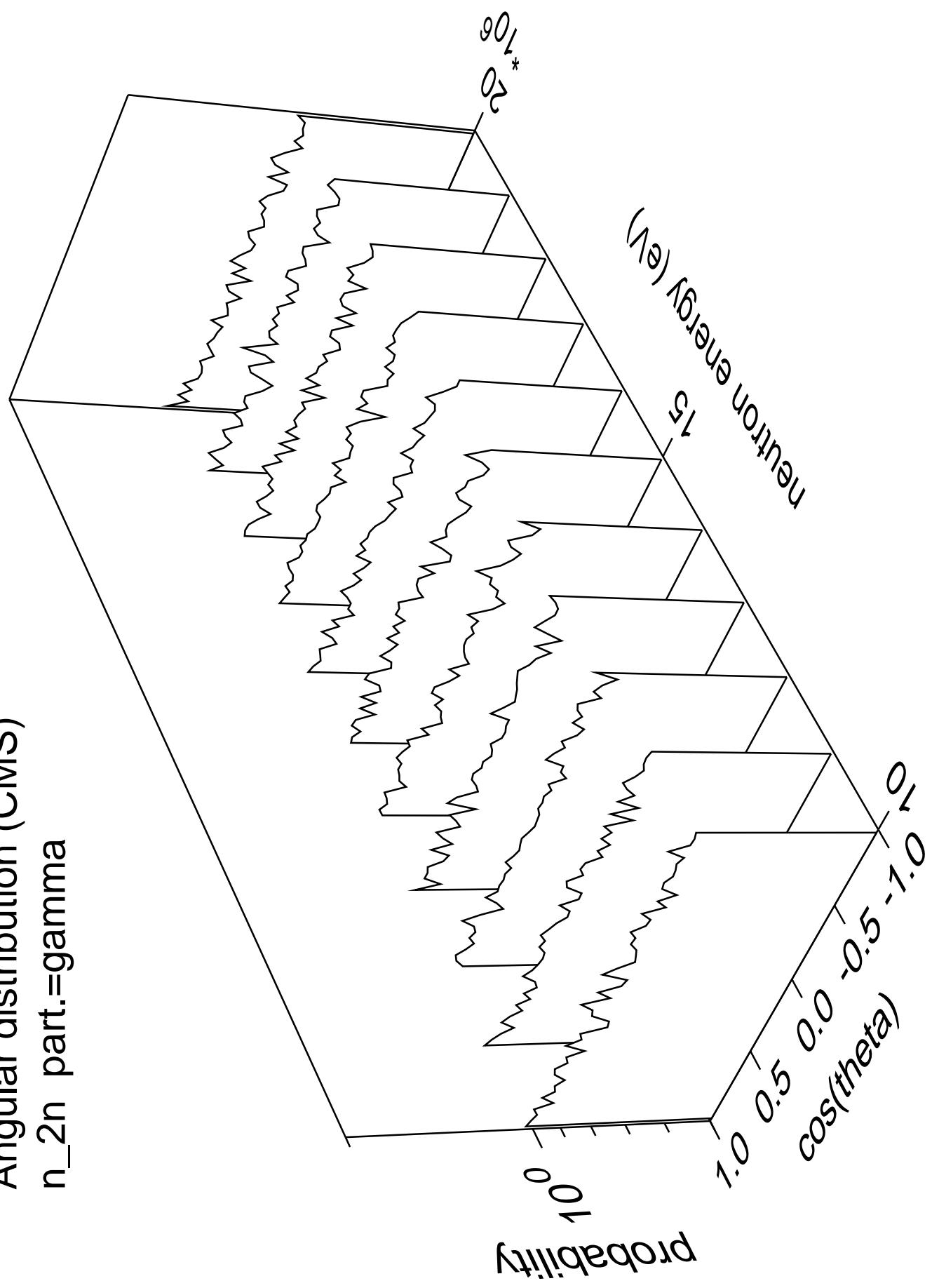




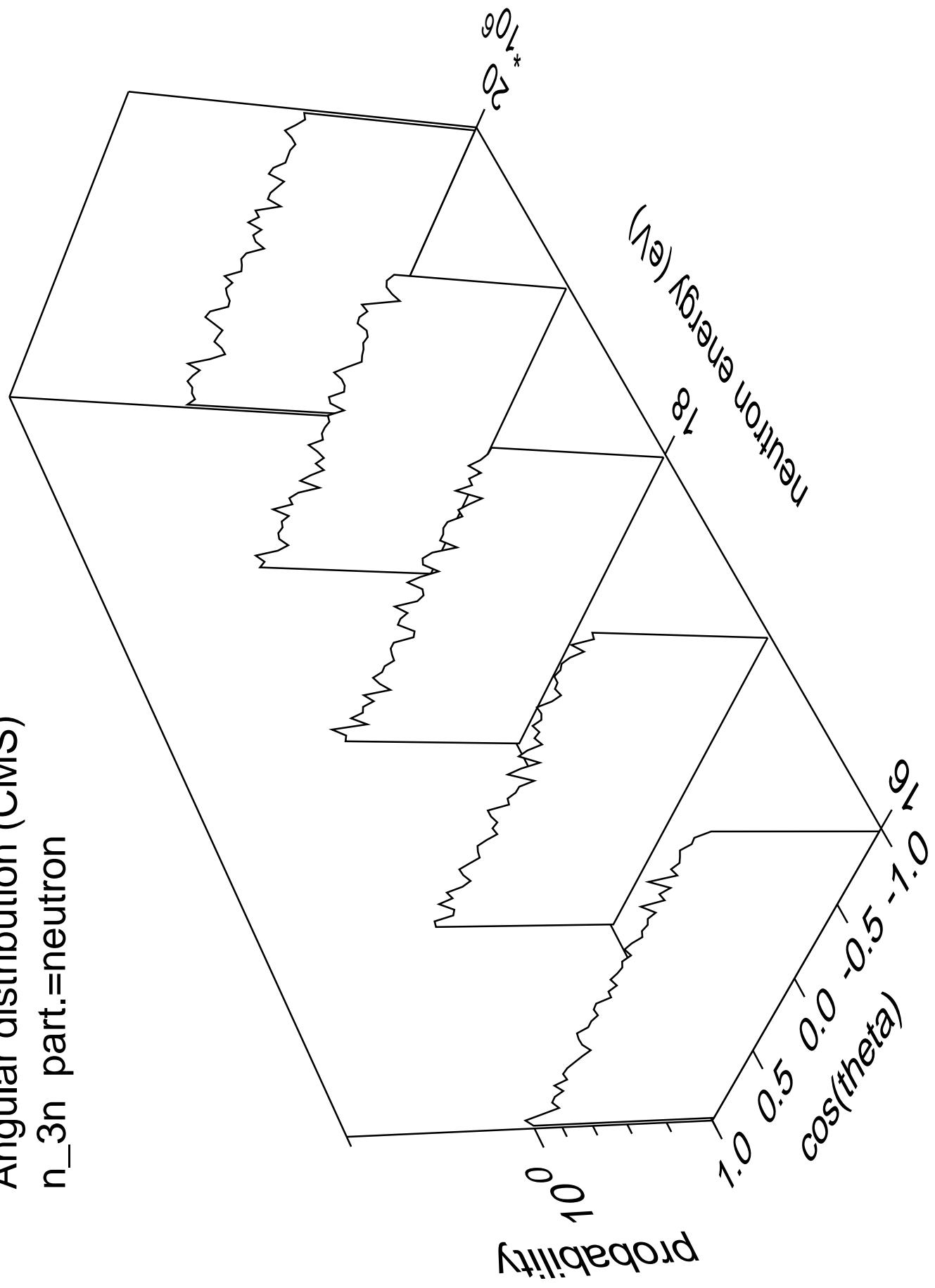
Angular distribution (CMS)
 n_{2n} part.=neutron



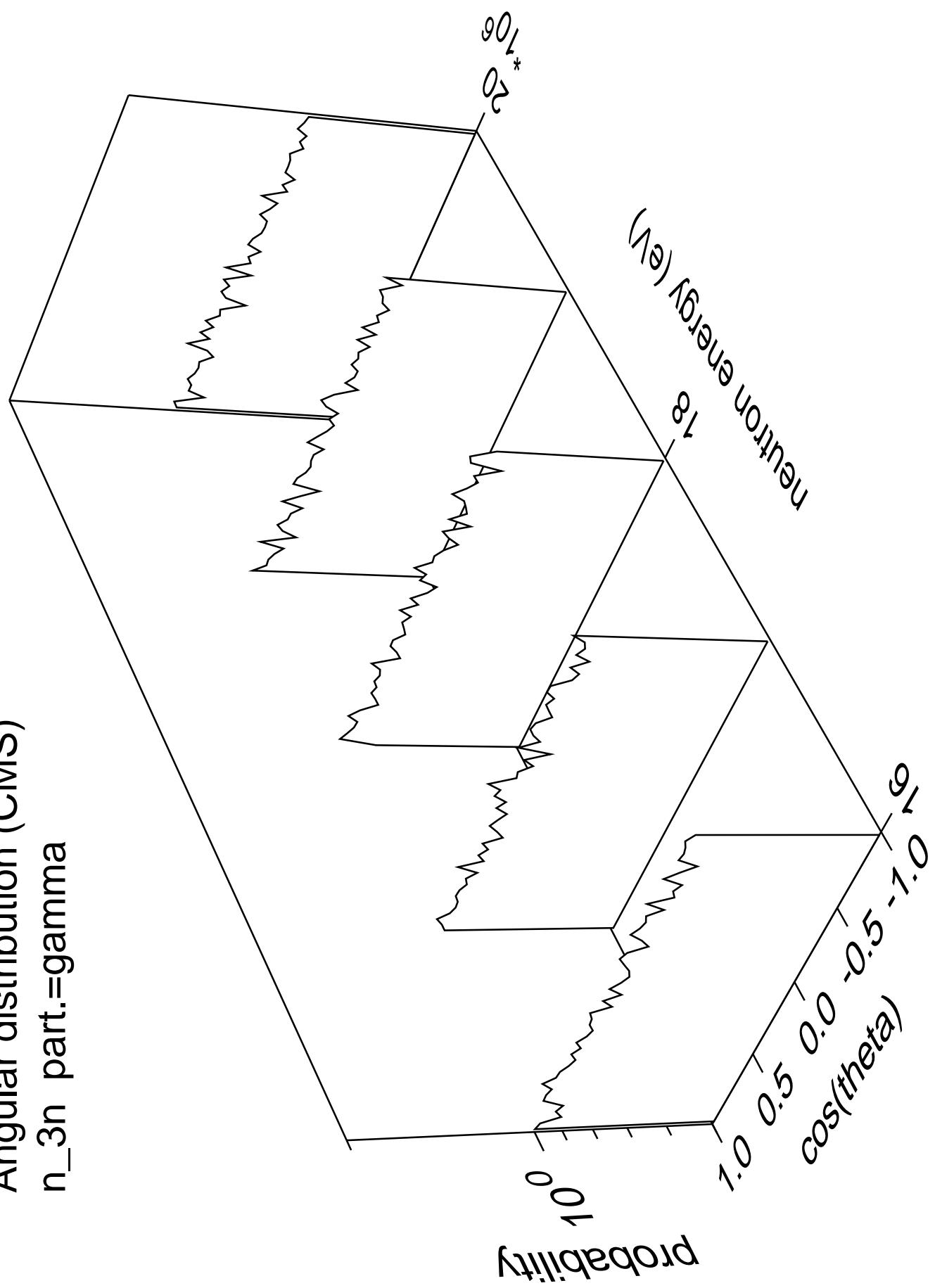
Angular distribution (CMS)
 n_{2n} part.=gamma



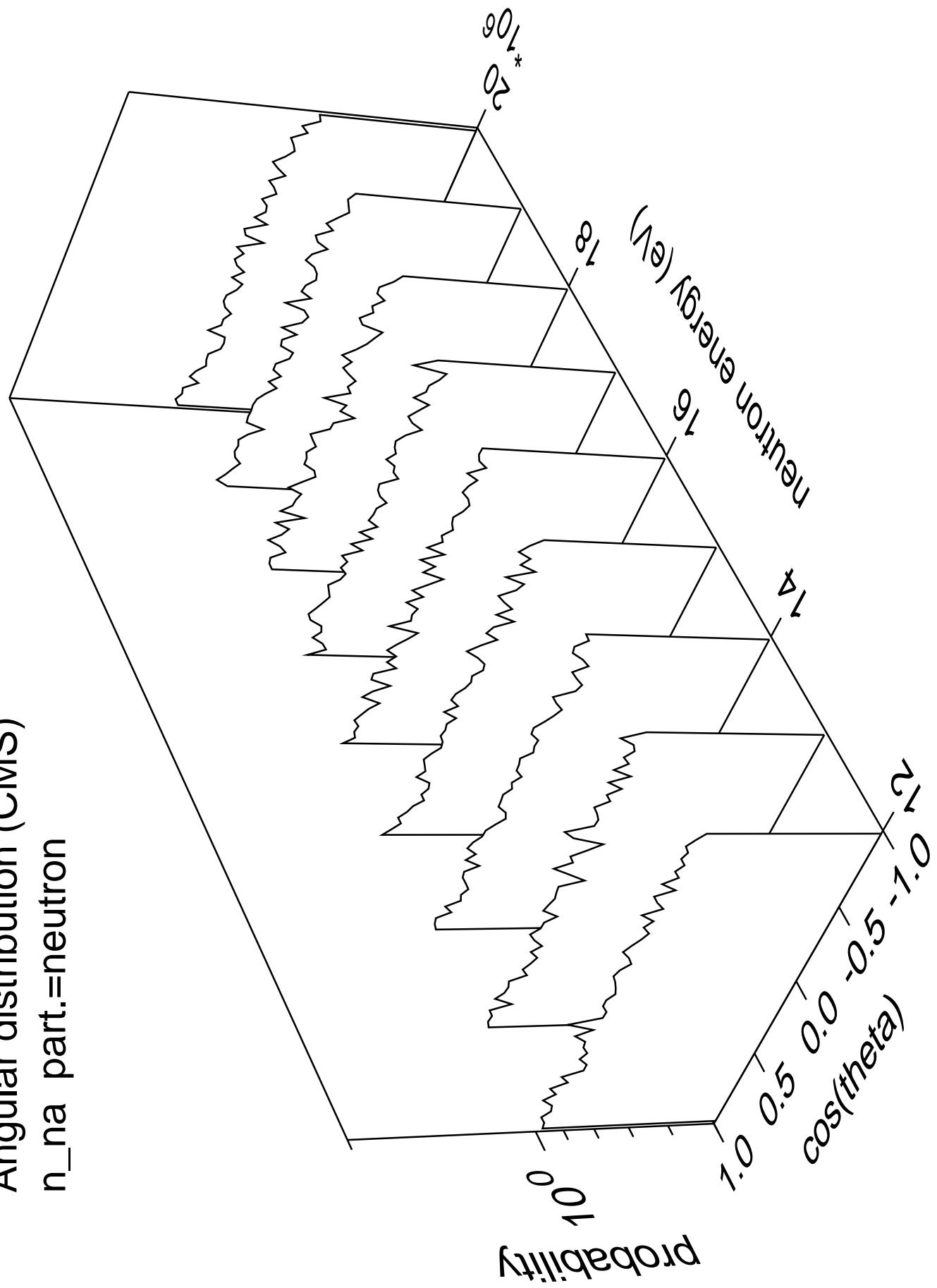
Angular distribution (CMS)
 n_{3n} part.=neutron



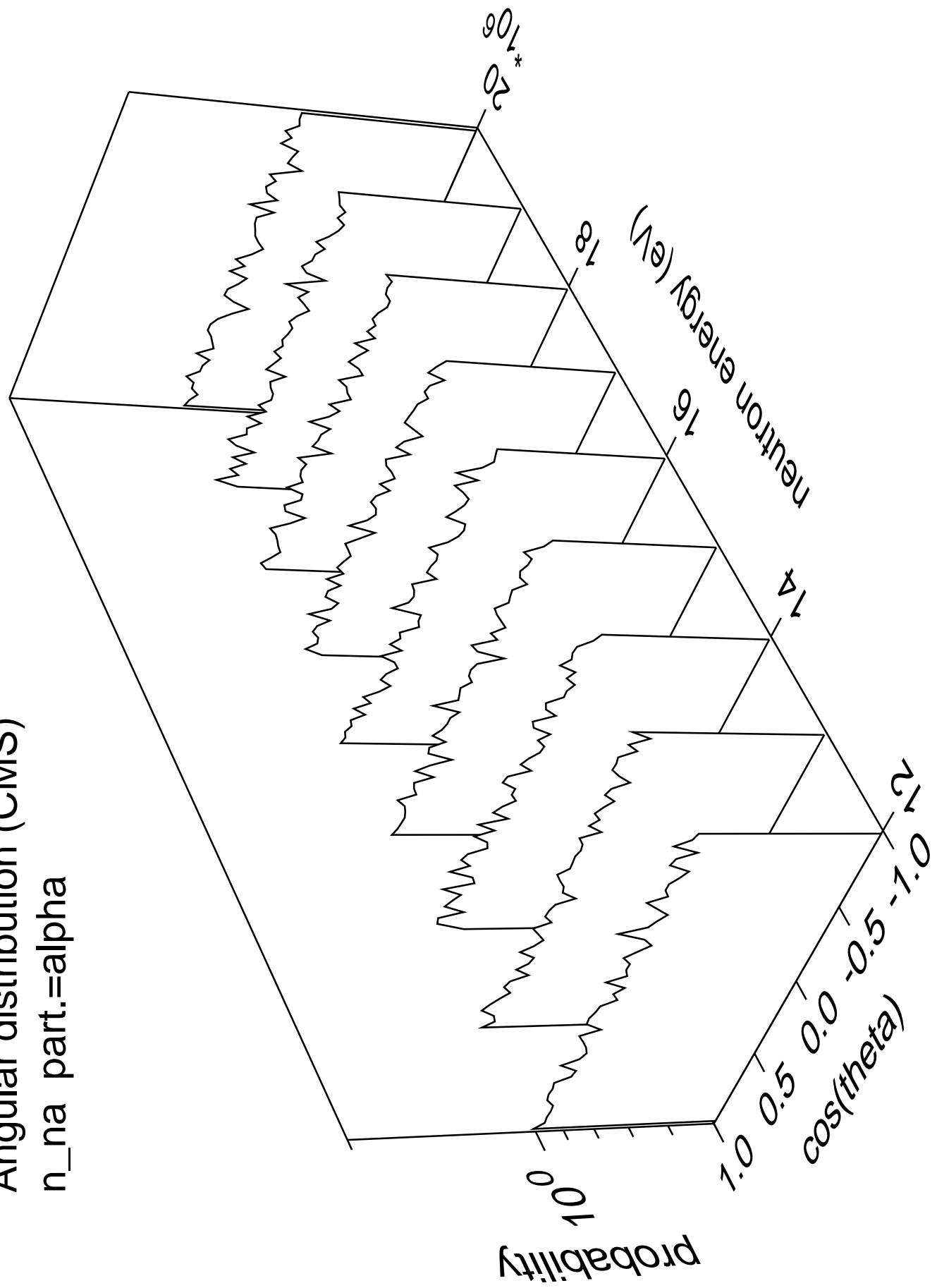
Angular distribution (CMS)
 n_{3n} part.=gamma



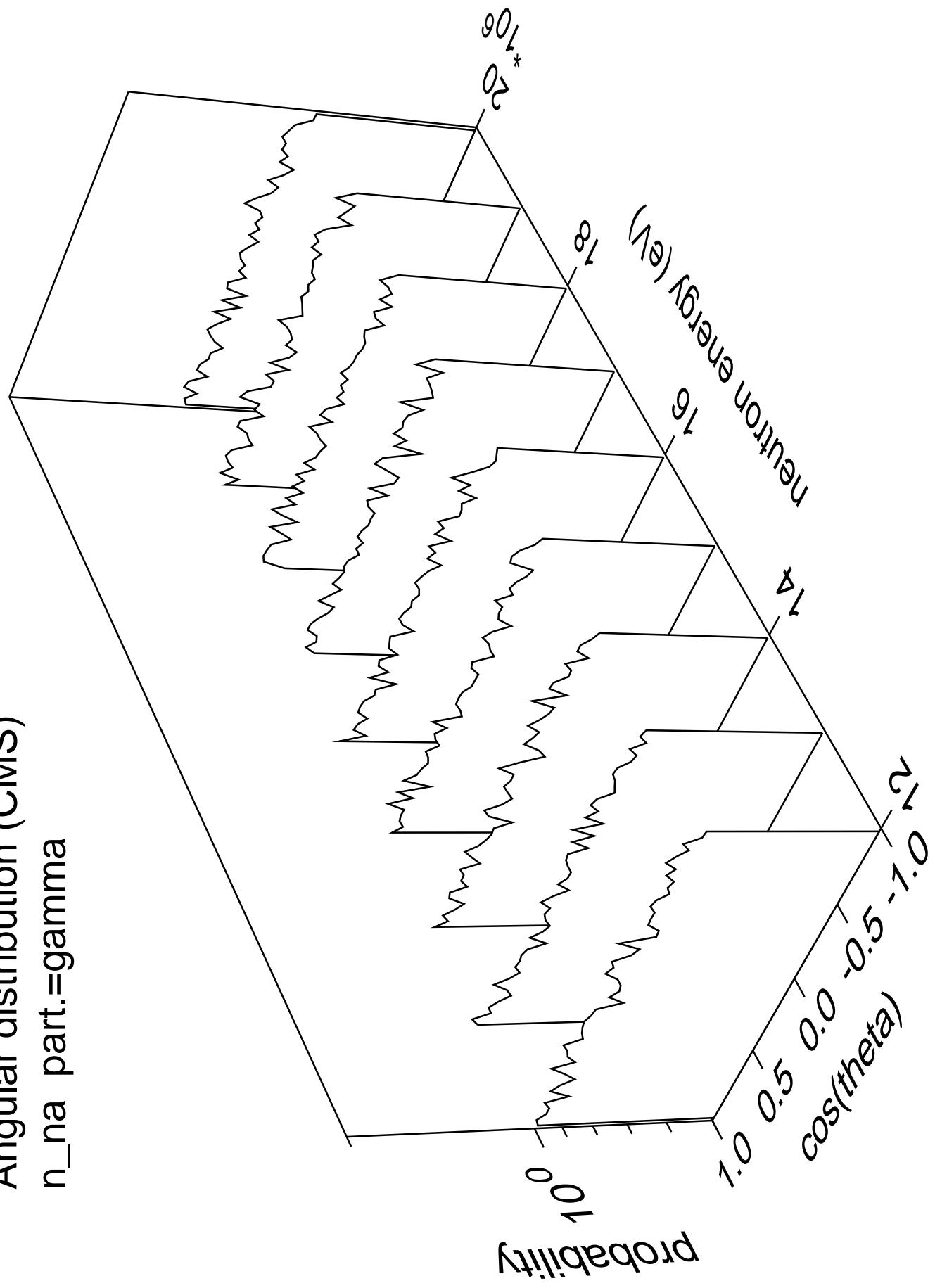
Angular distribution (CMS)
 n_{na} part.=neutron

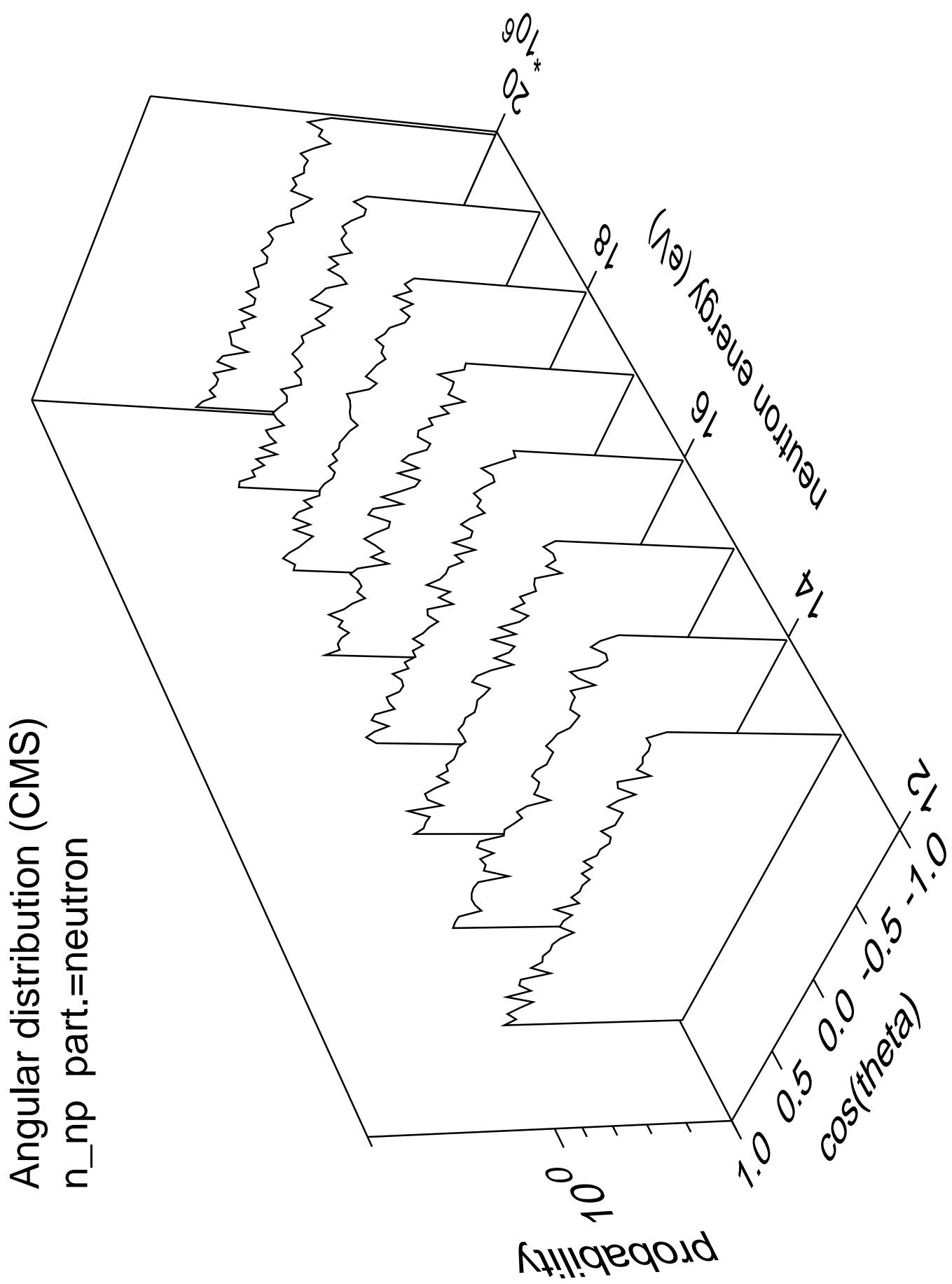


Angular distribution (CMS)
 n_{na} part.=alpha

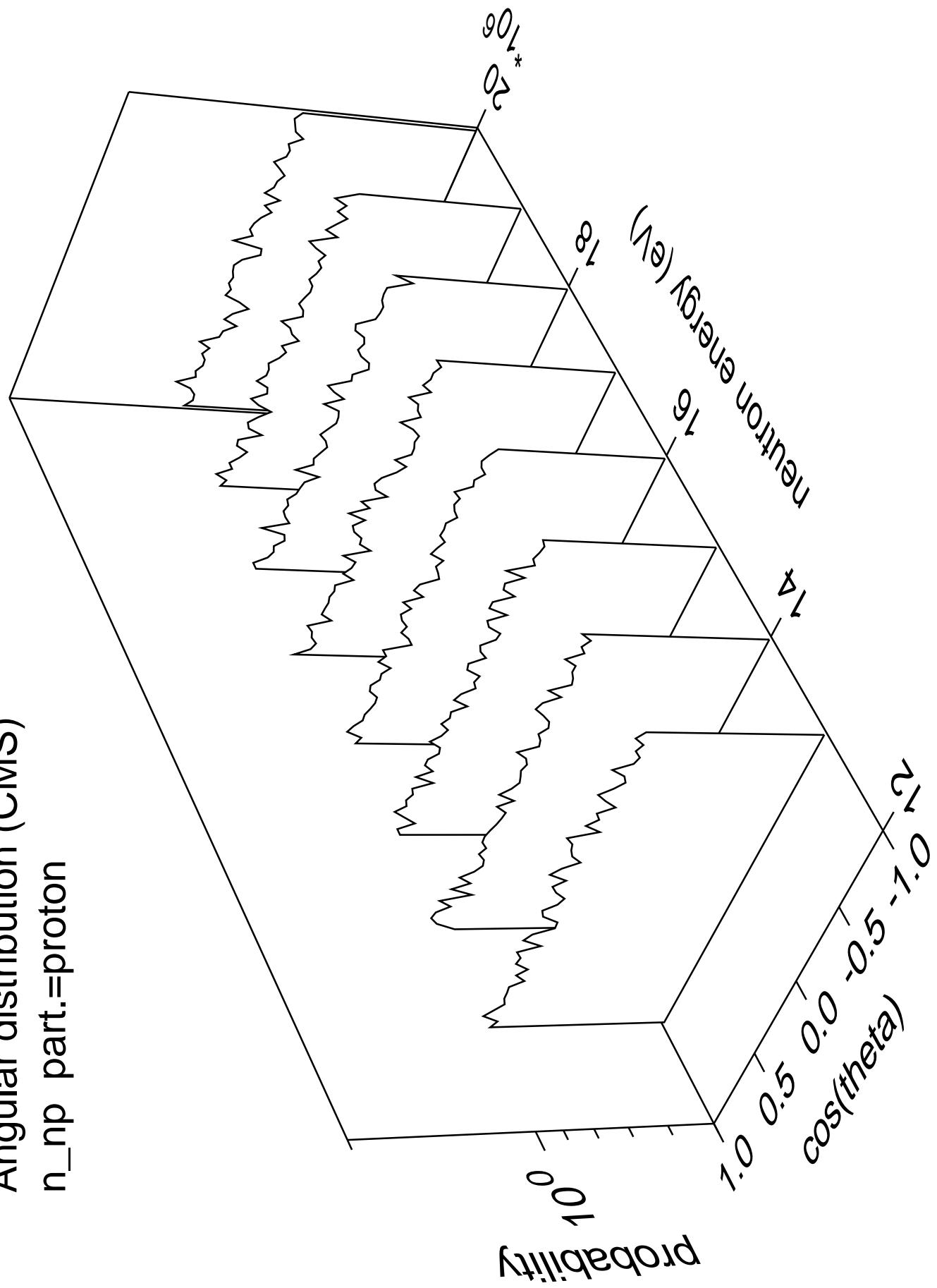


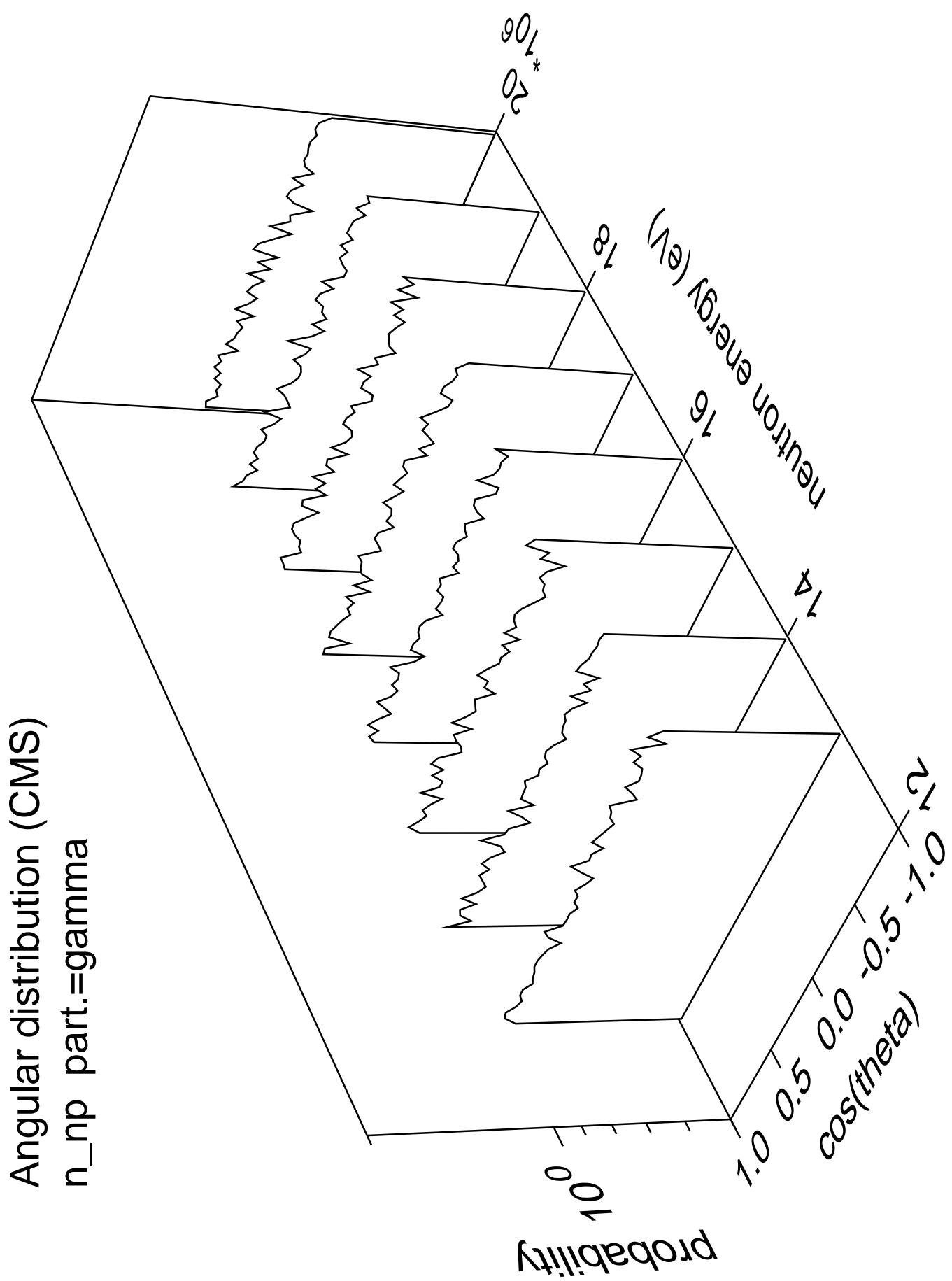
Angular distribution (CMS)
 n_{na} part.=gamma

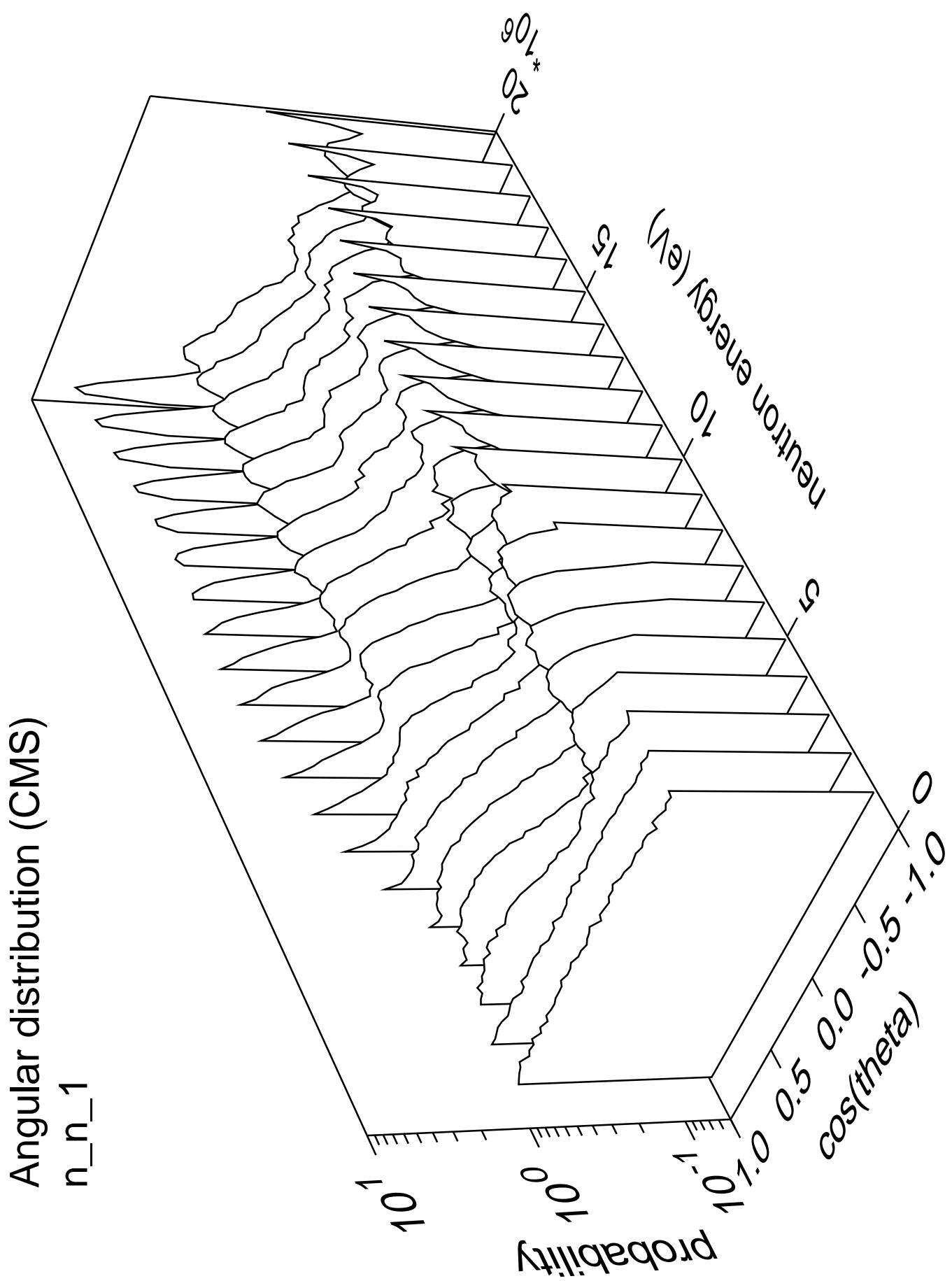


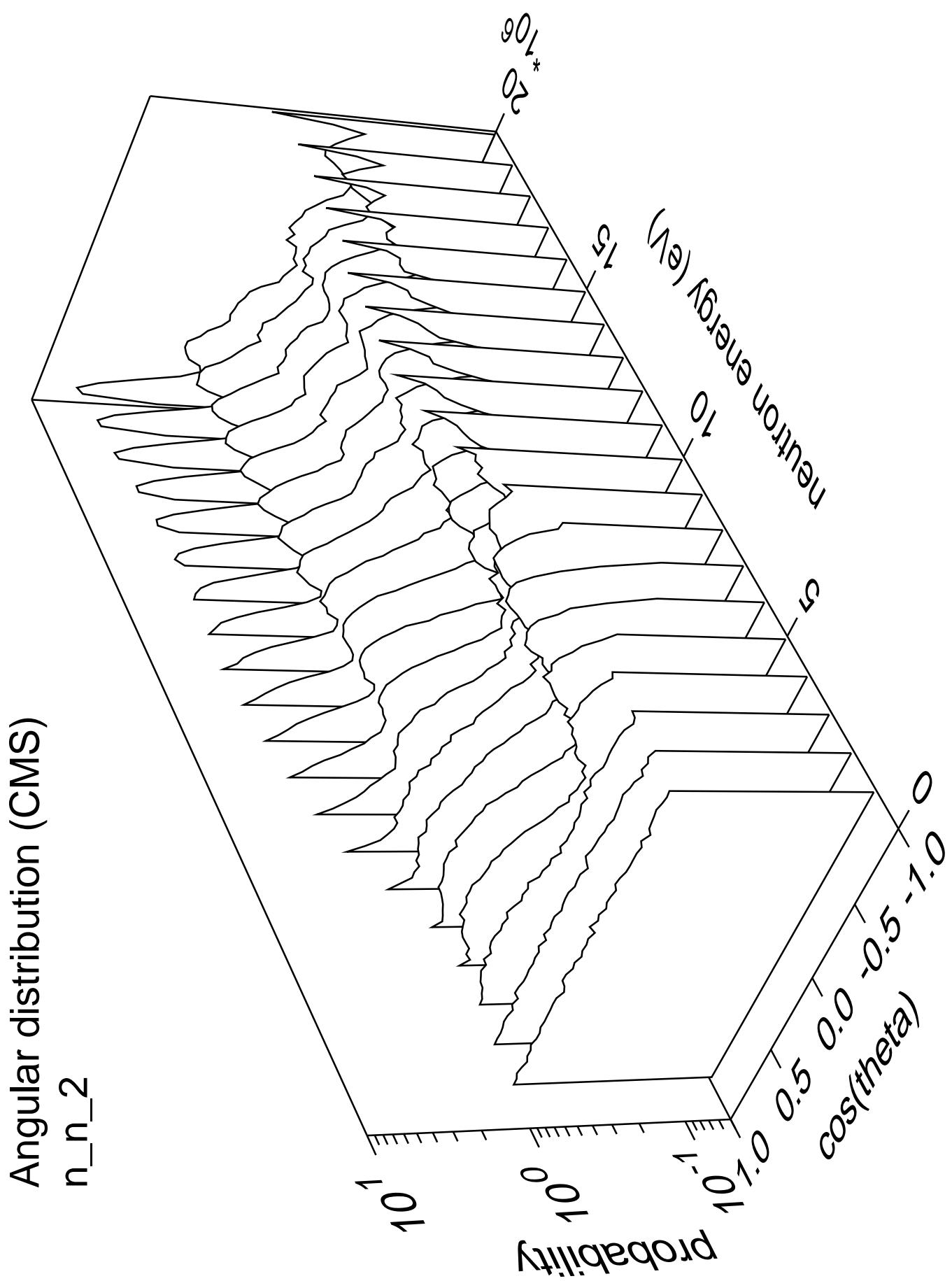


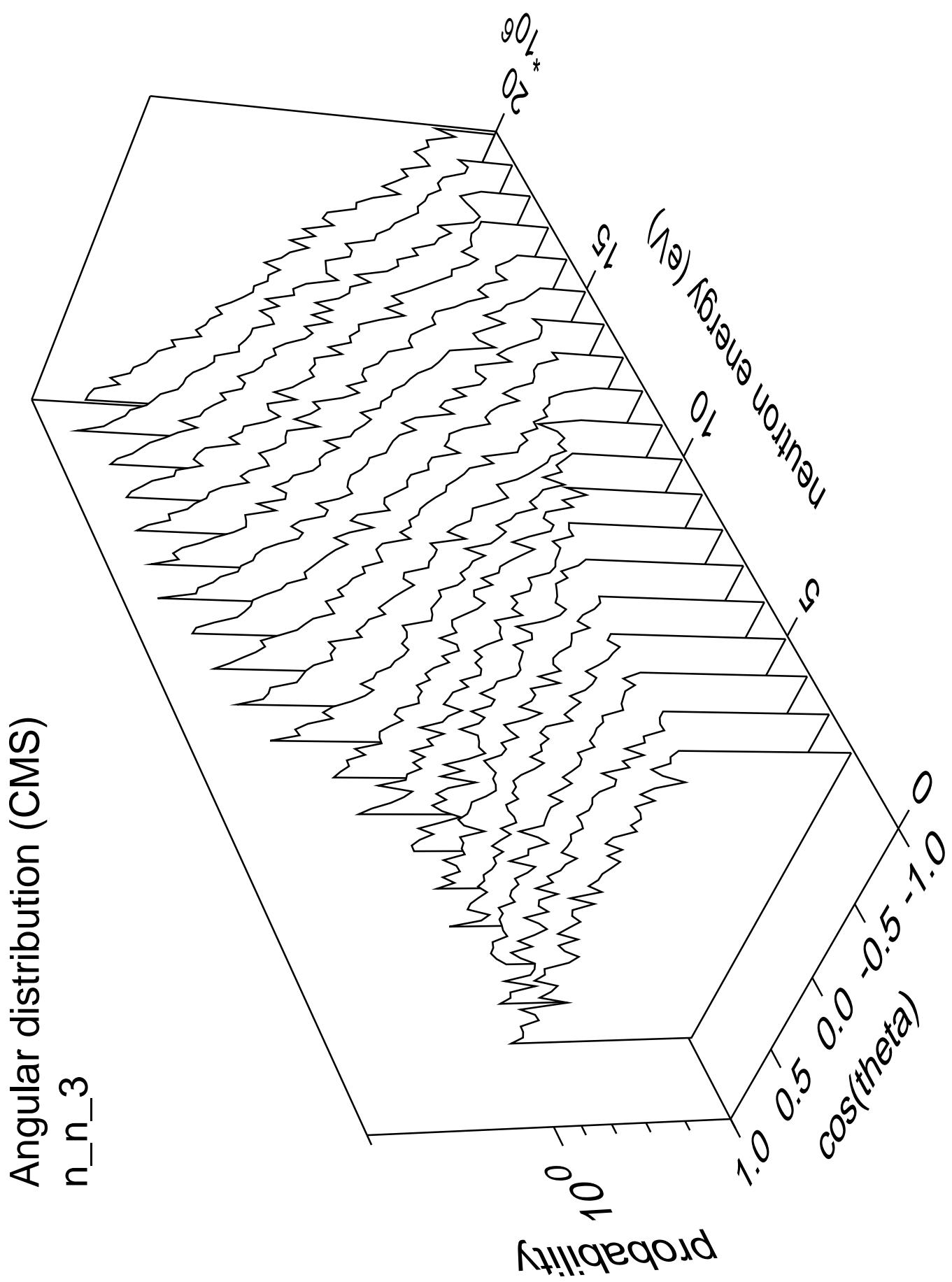
Angular distribution (CMS)
 n_{np} part.=proton

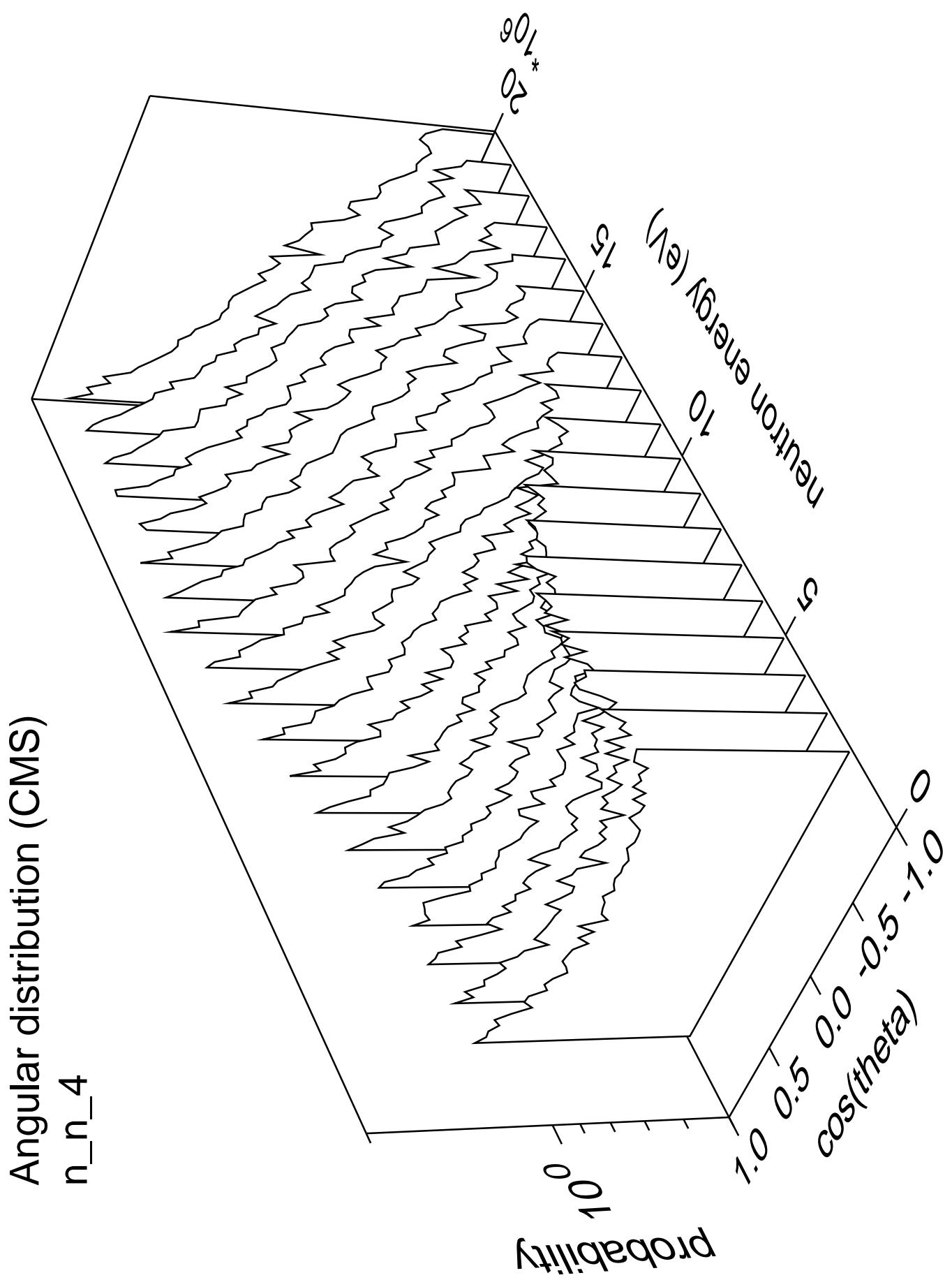


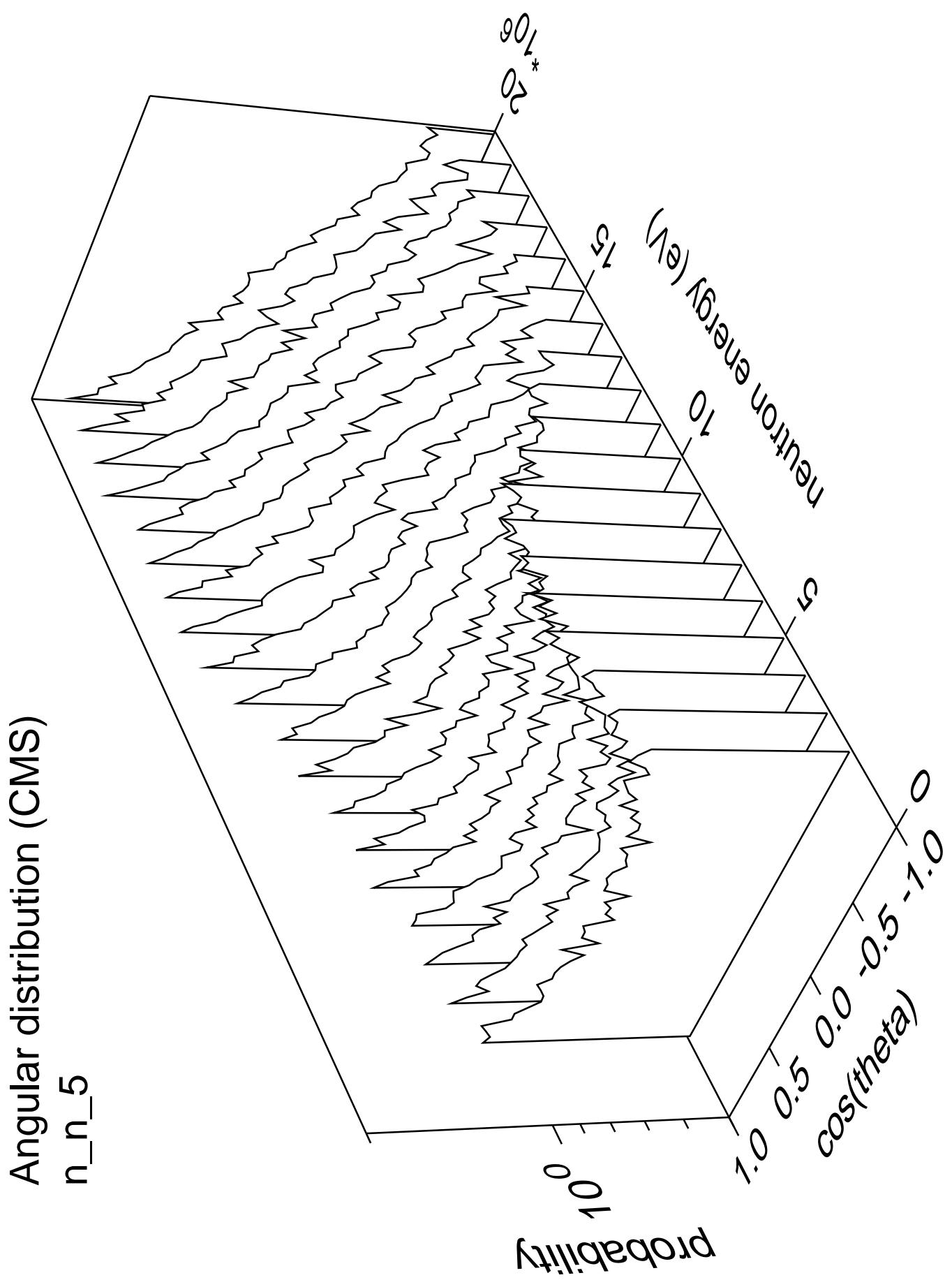


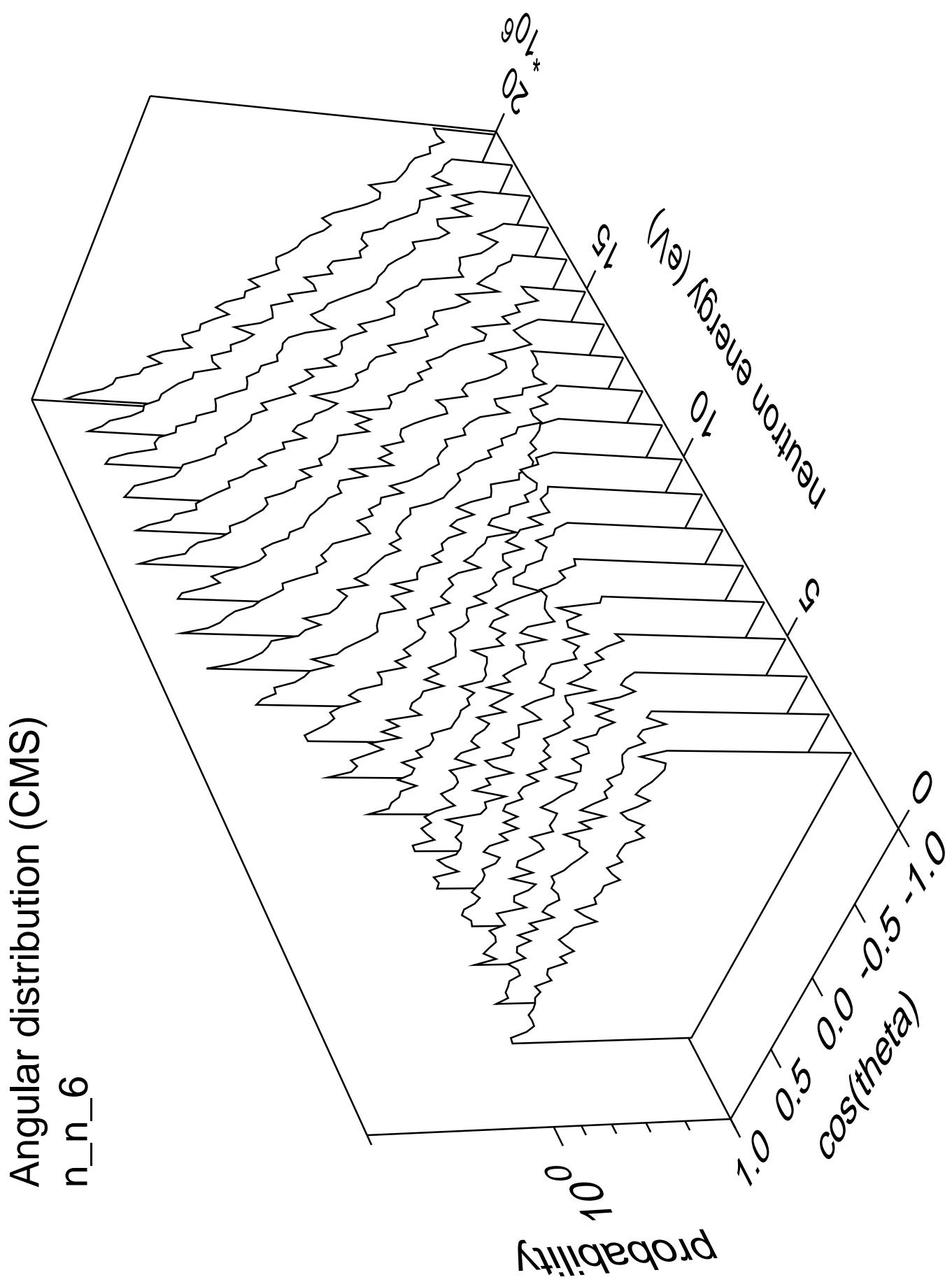


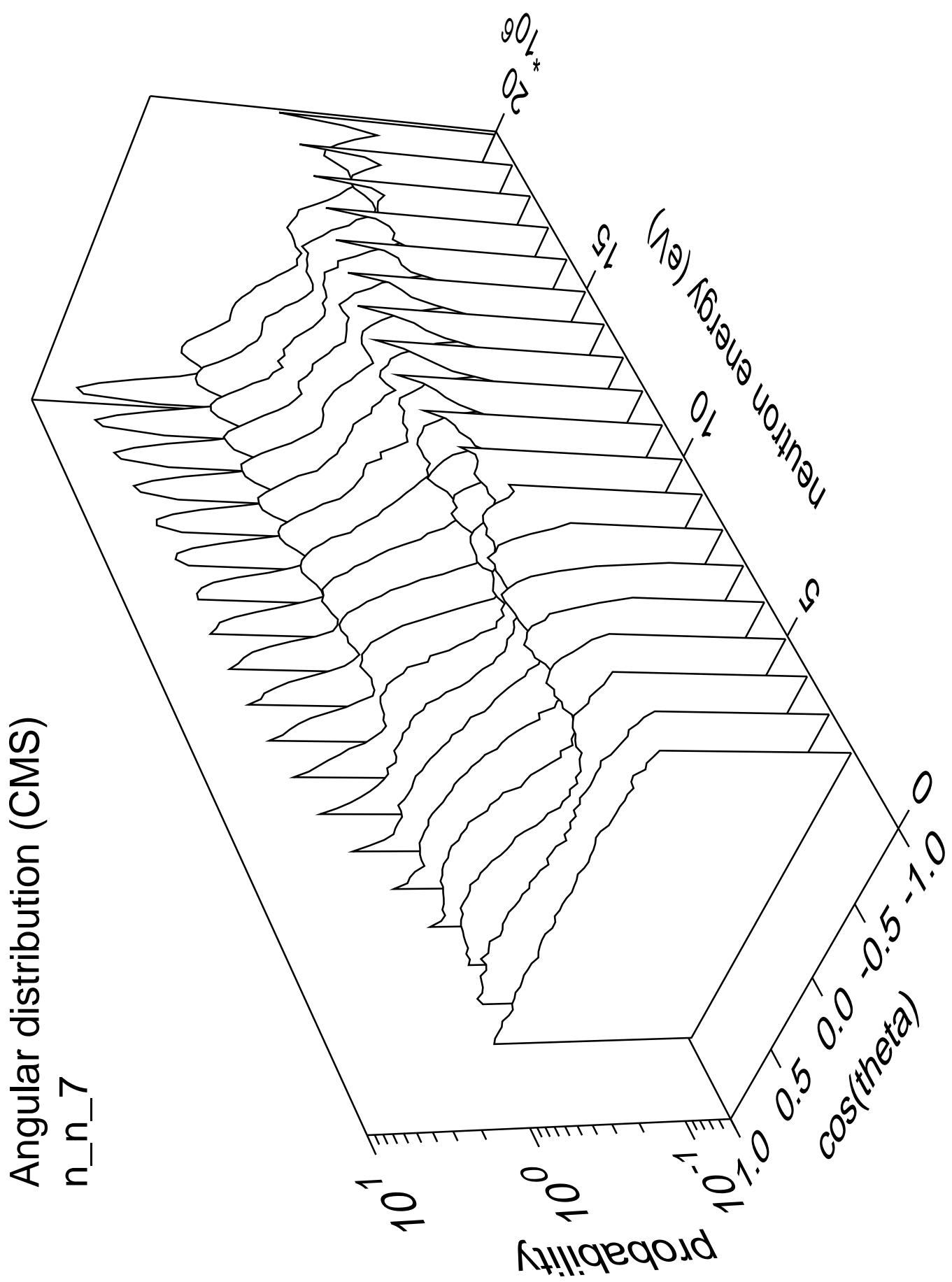


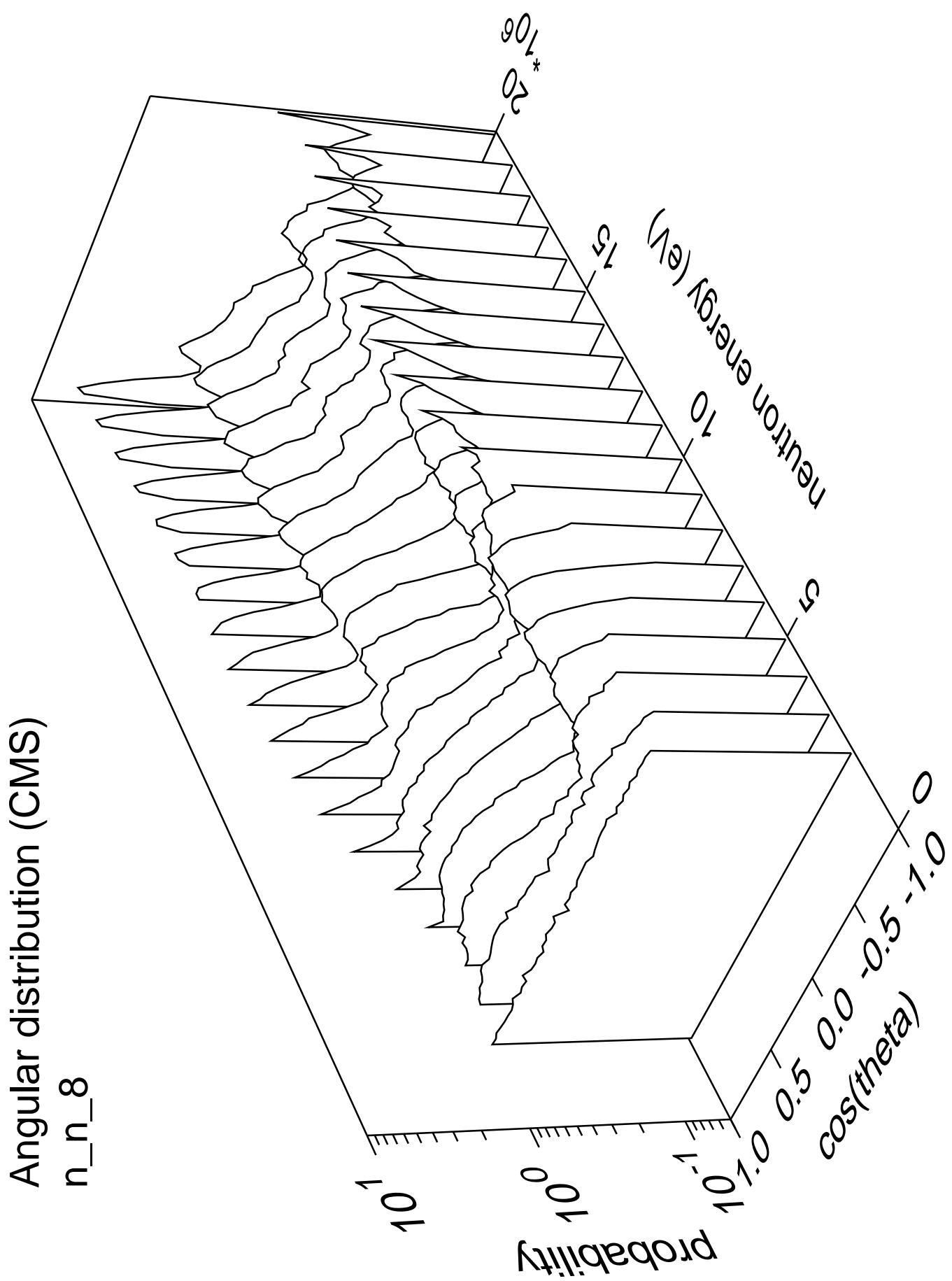


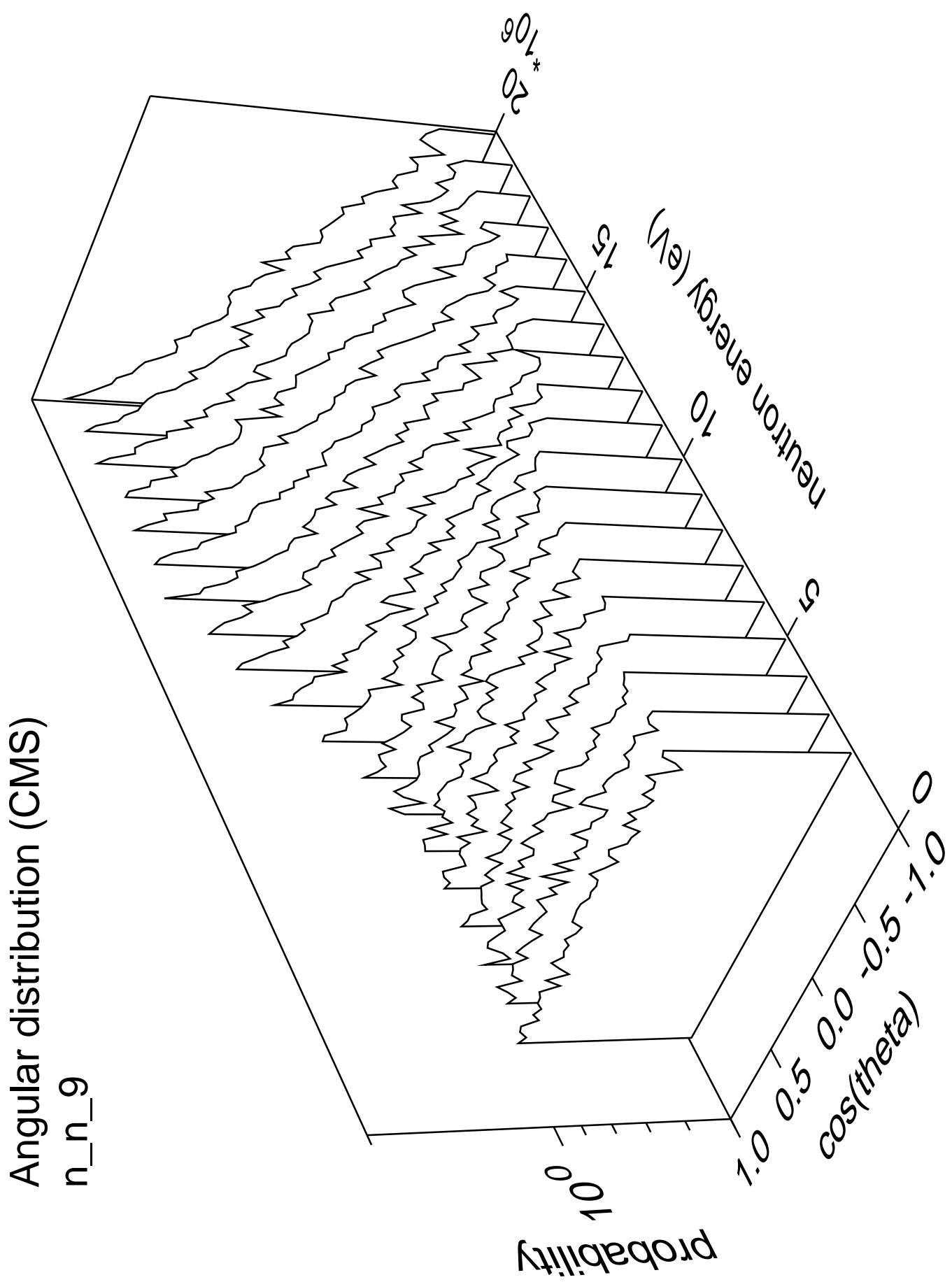


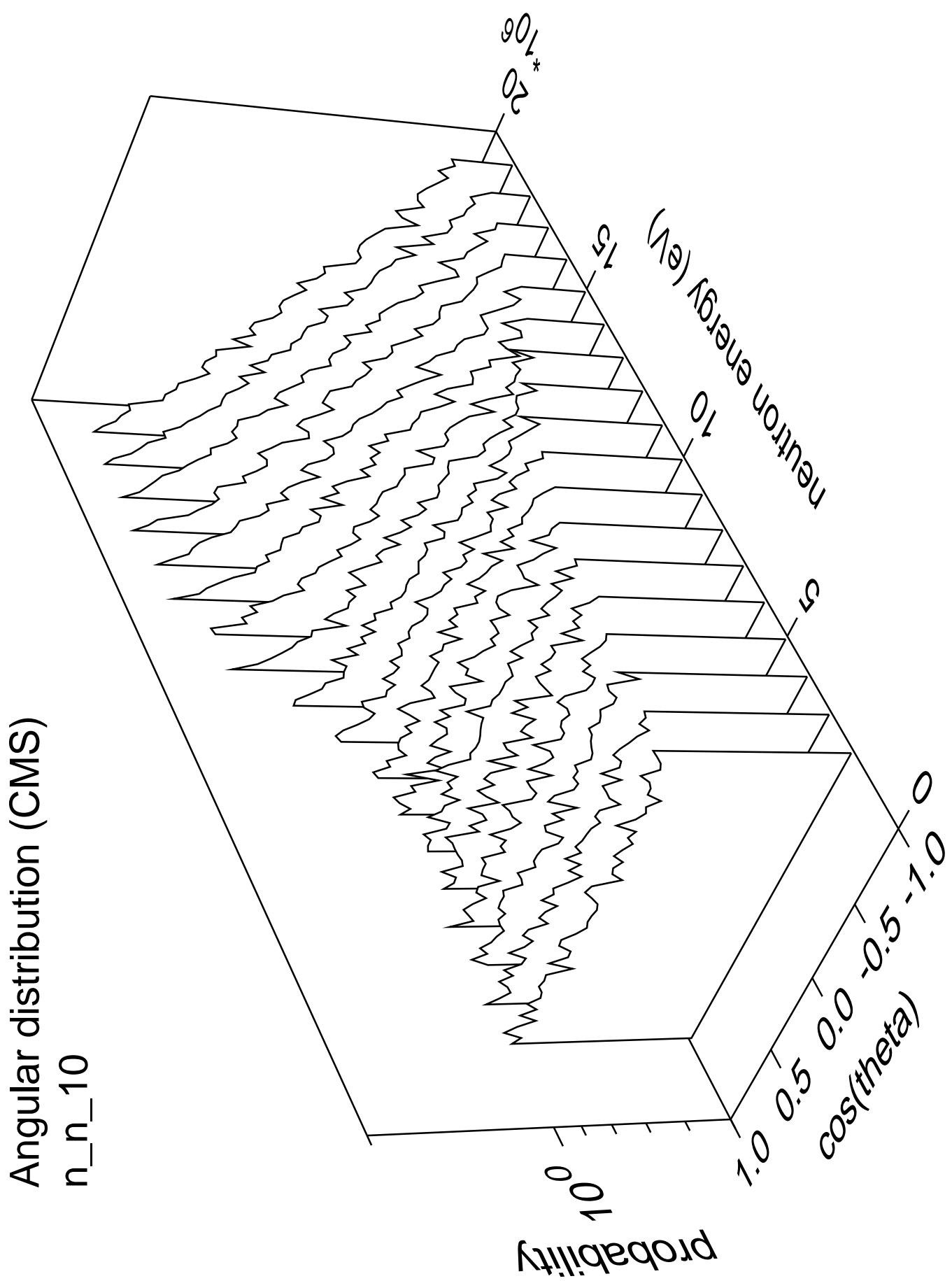


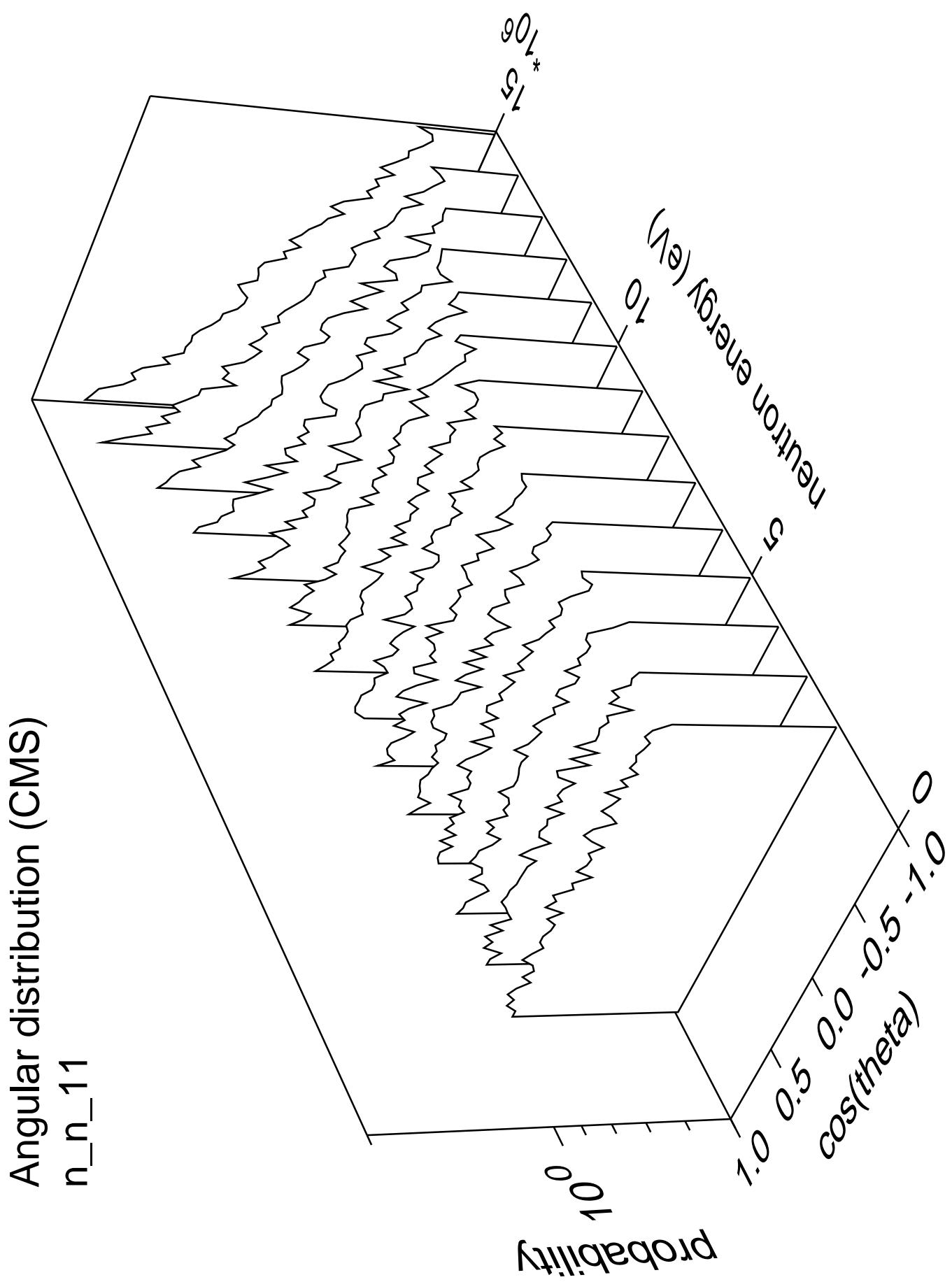


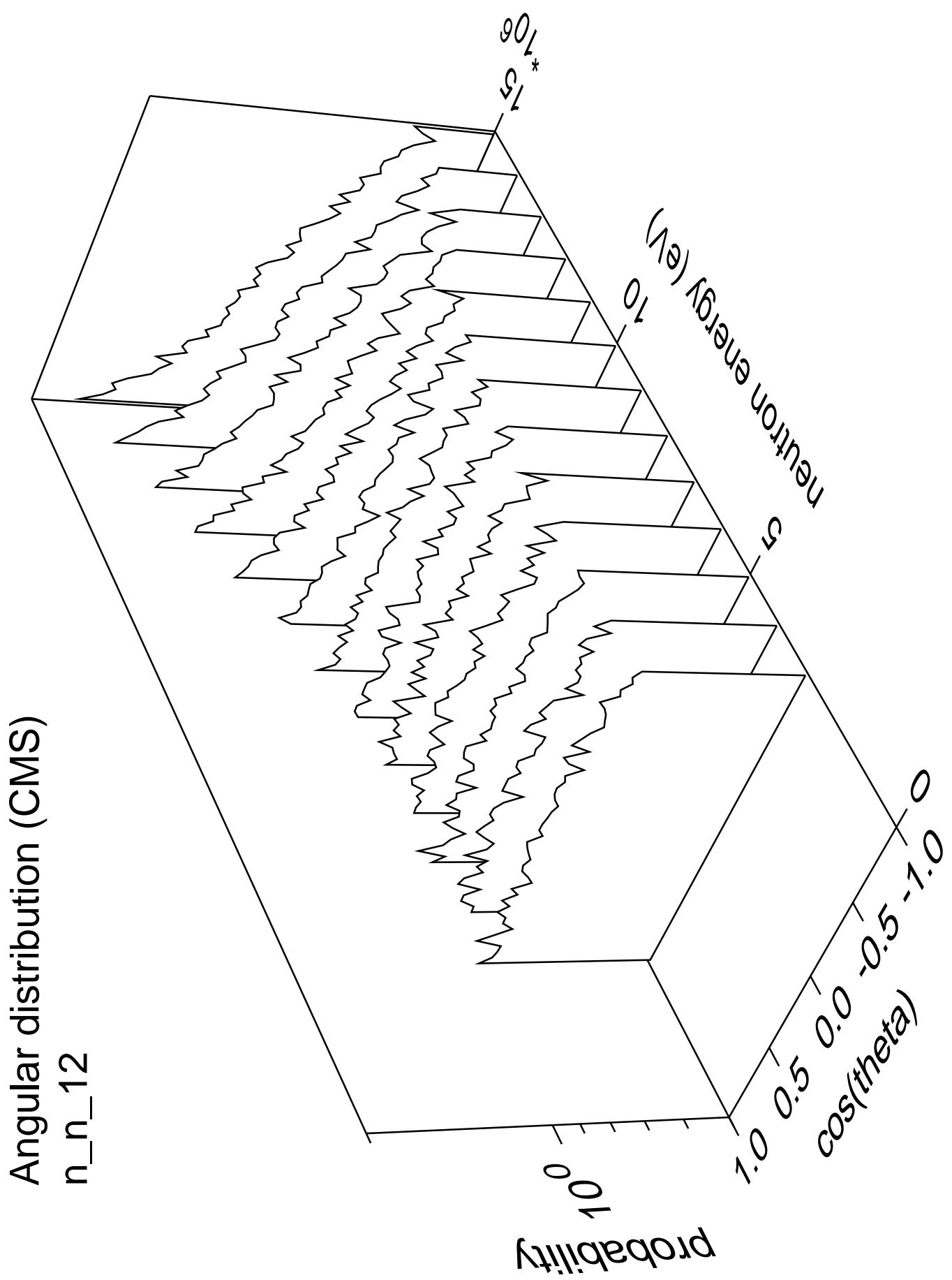




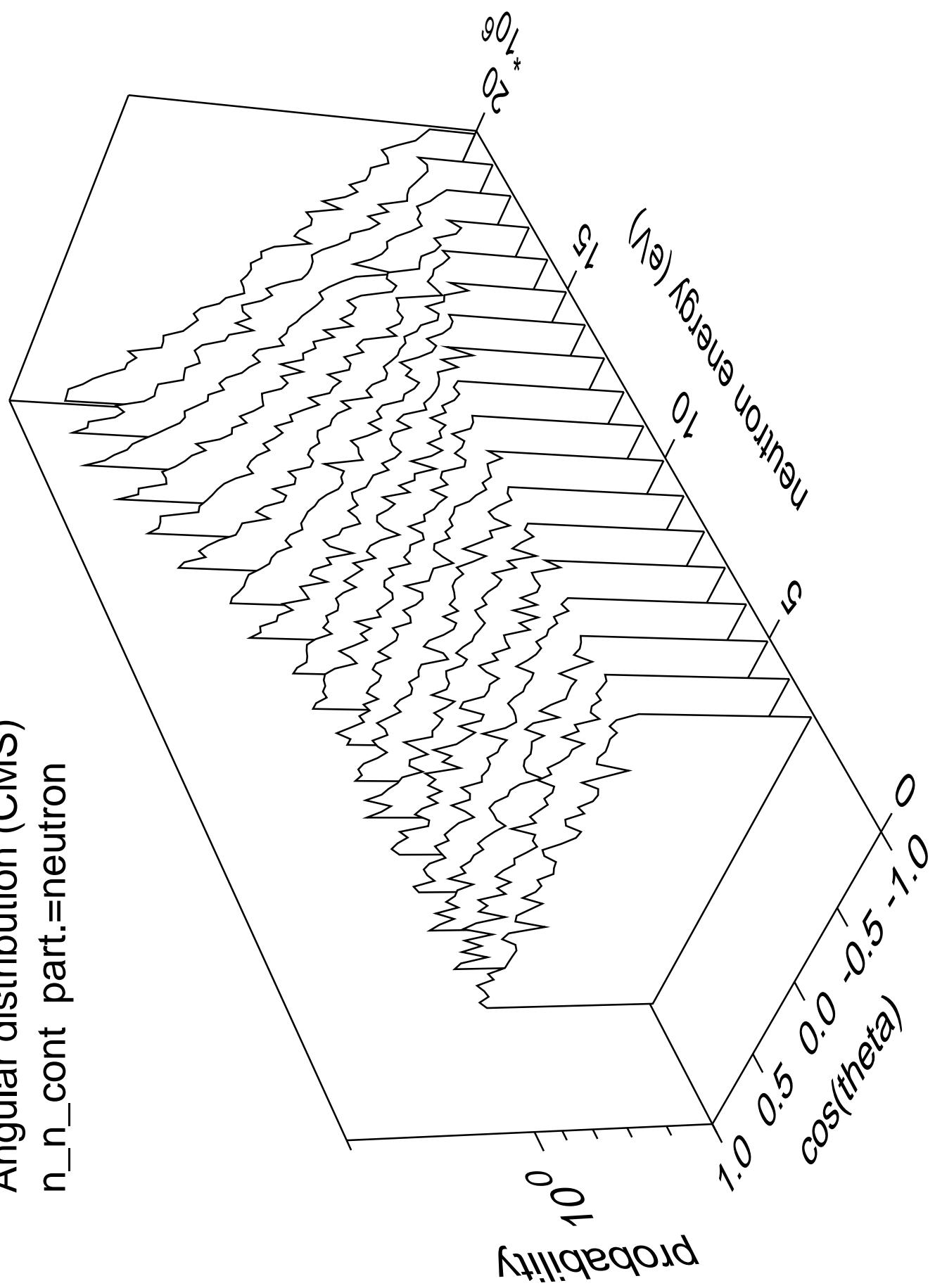




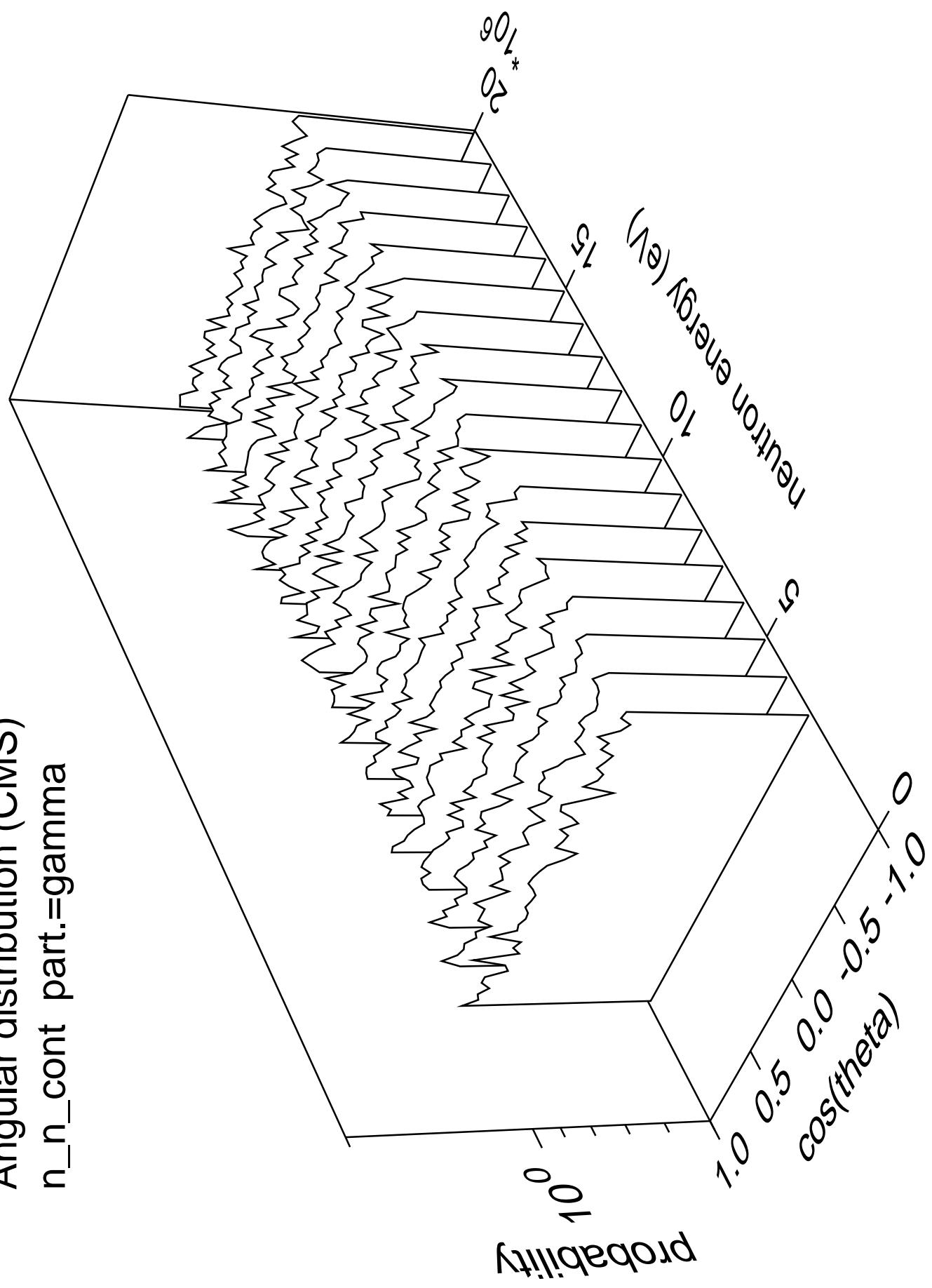


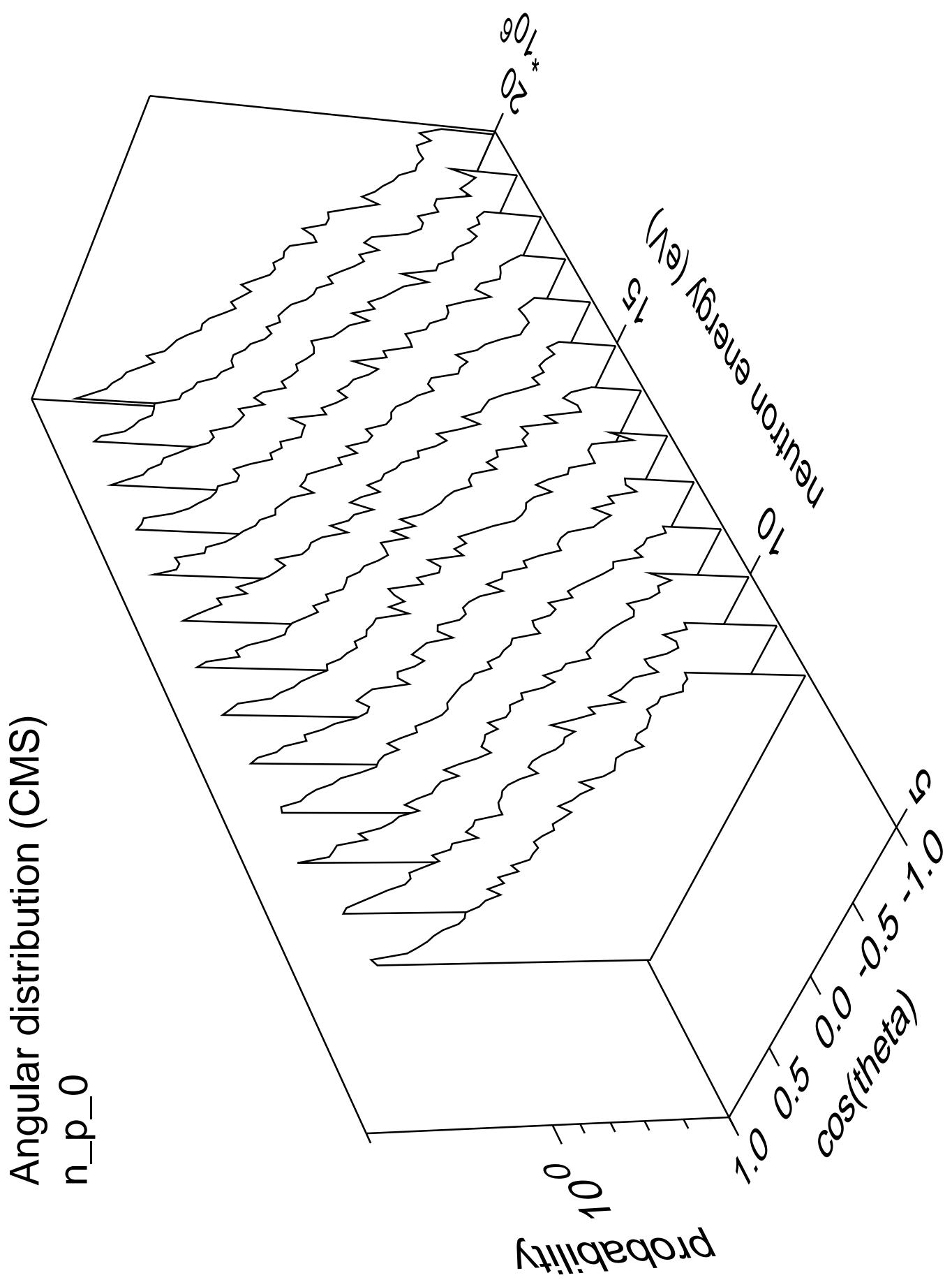


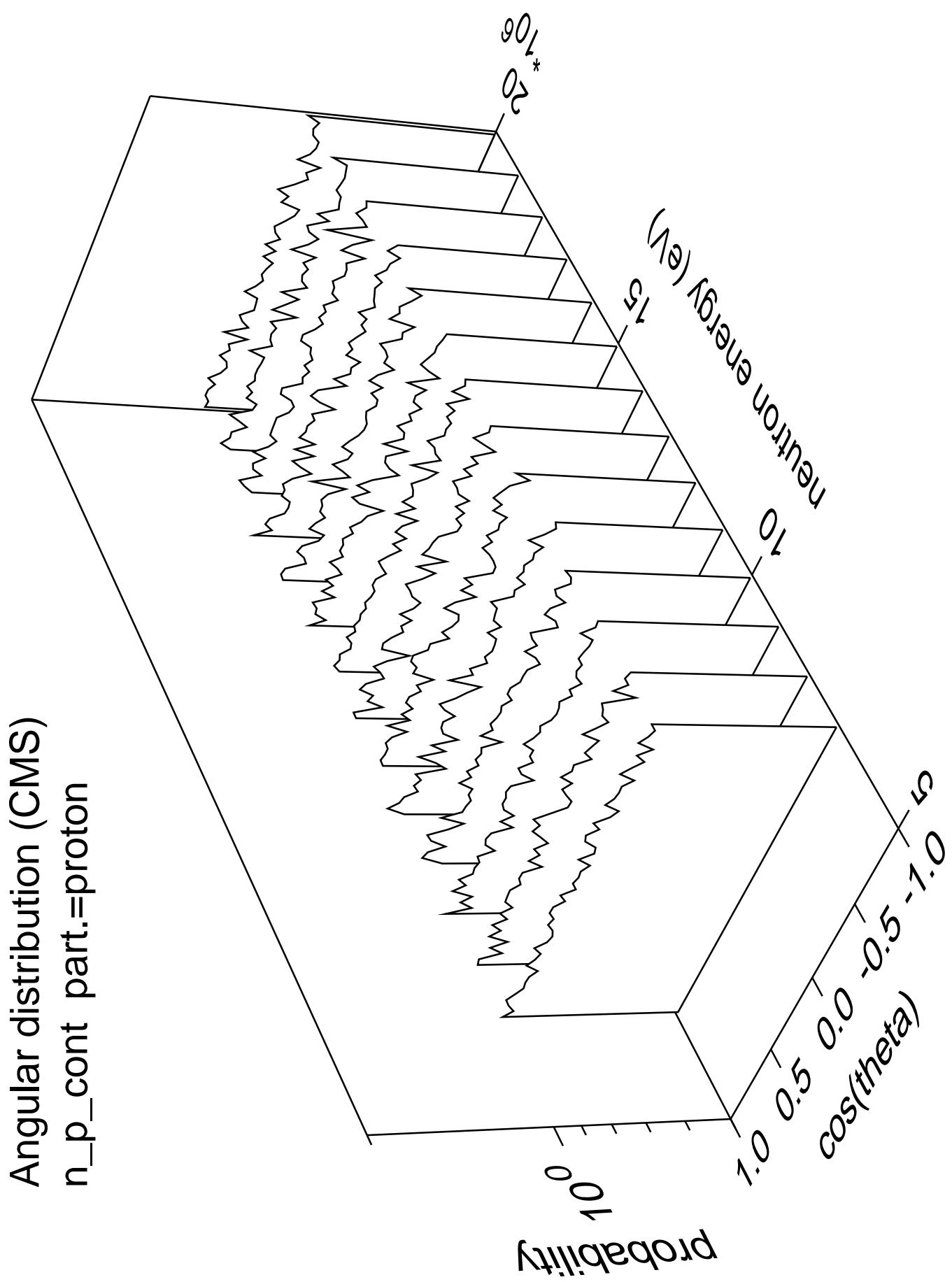
Angular distribution (CMS)
n_n_cont part.=neutron

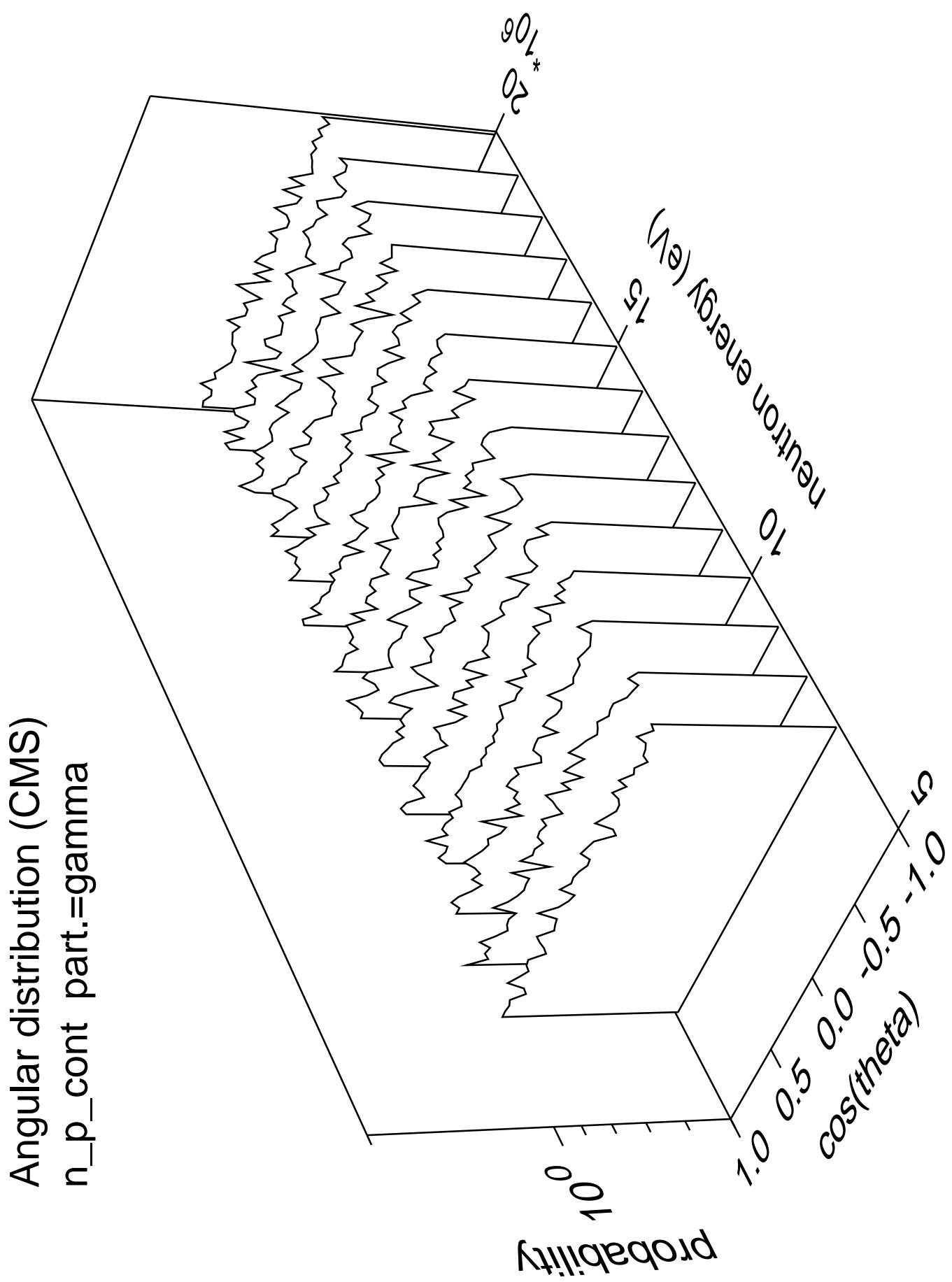


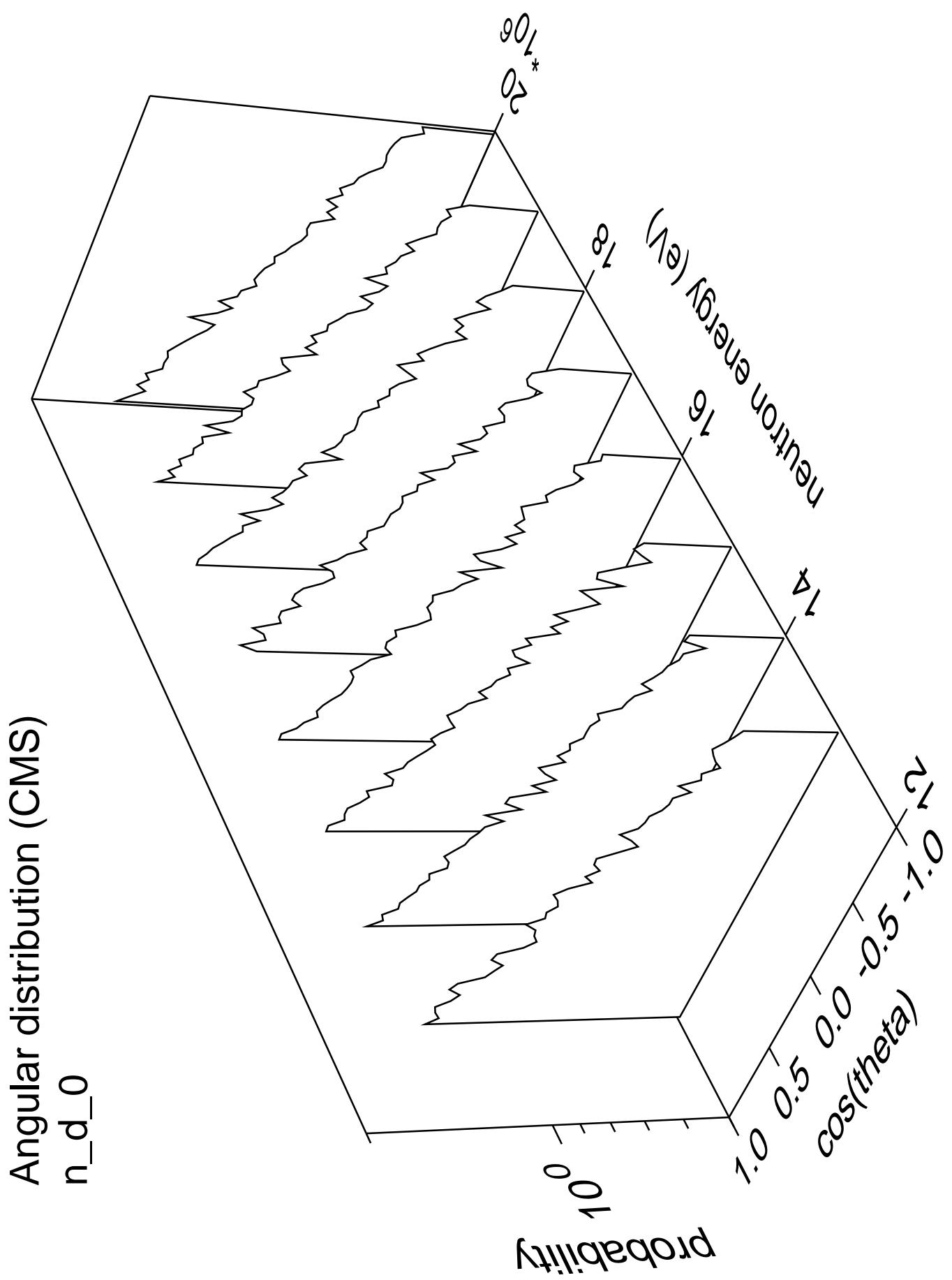
Angular distribution (CMS)
n_n_cont part.=gamma

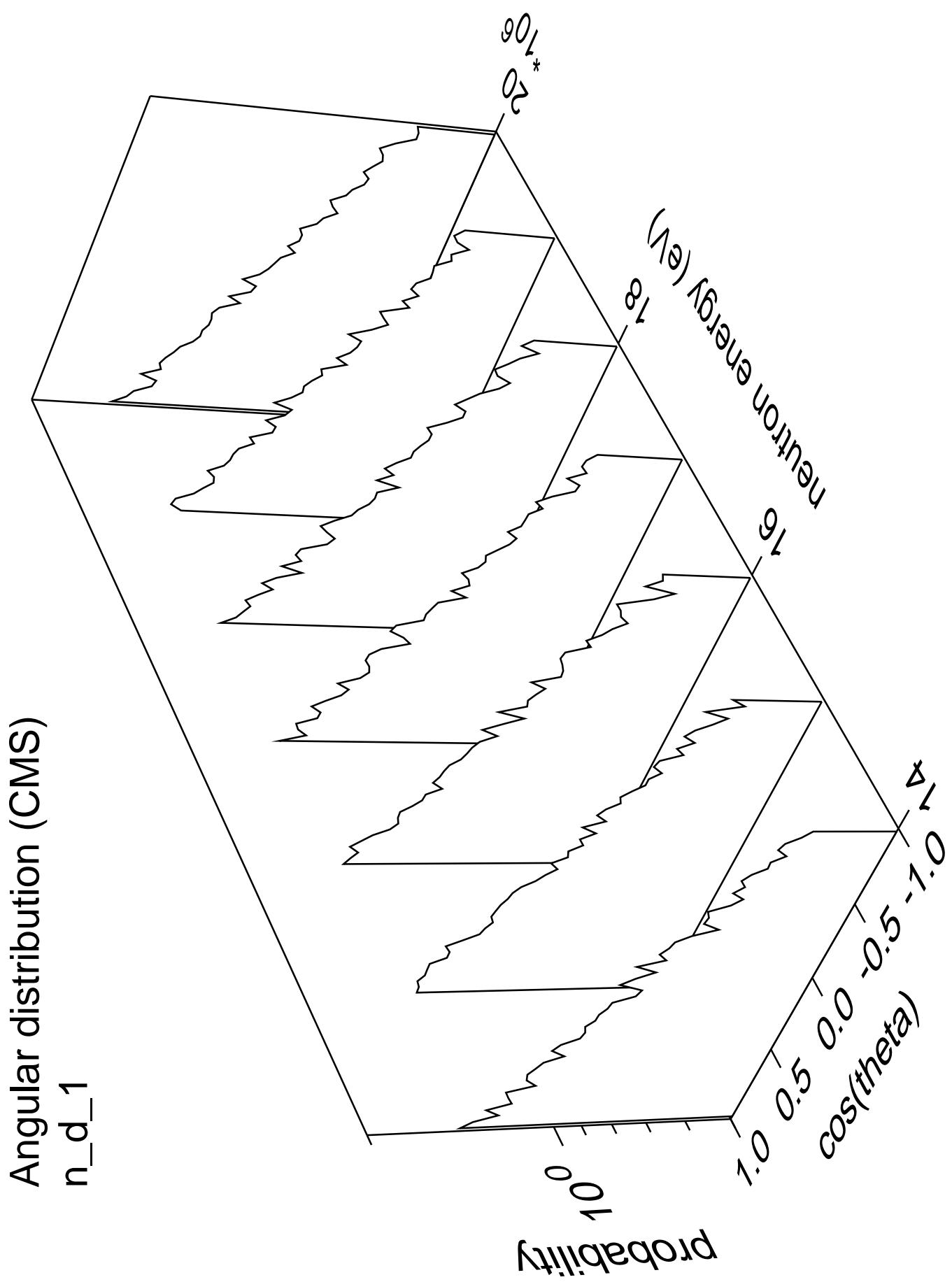


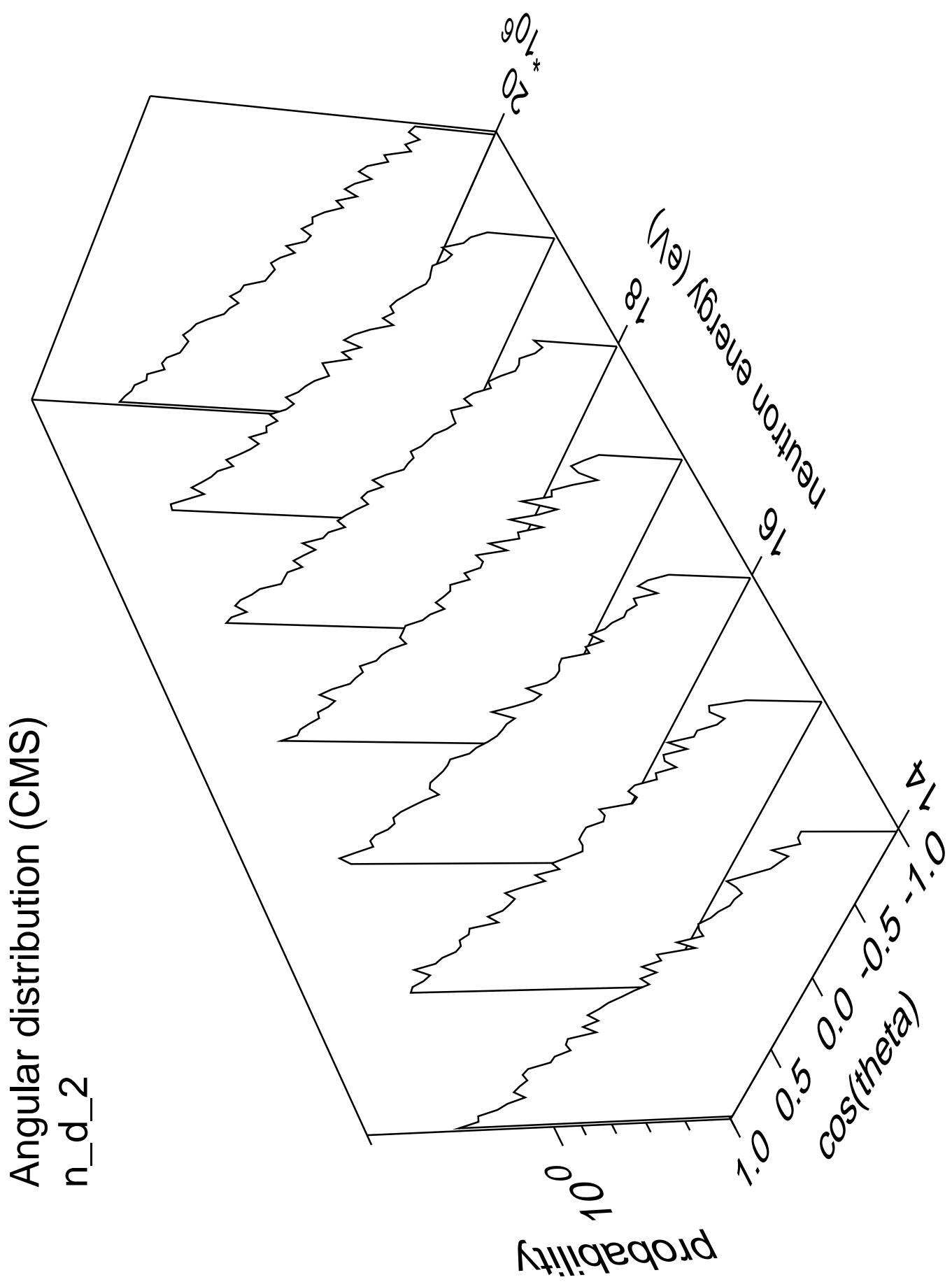


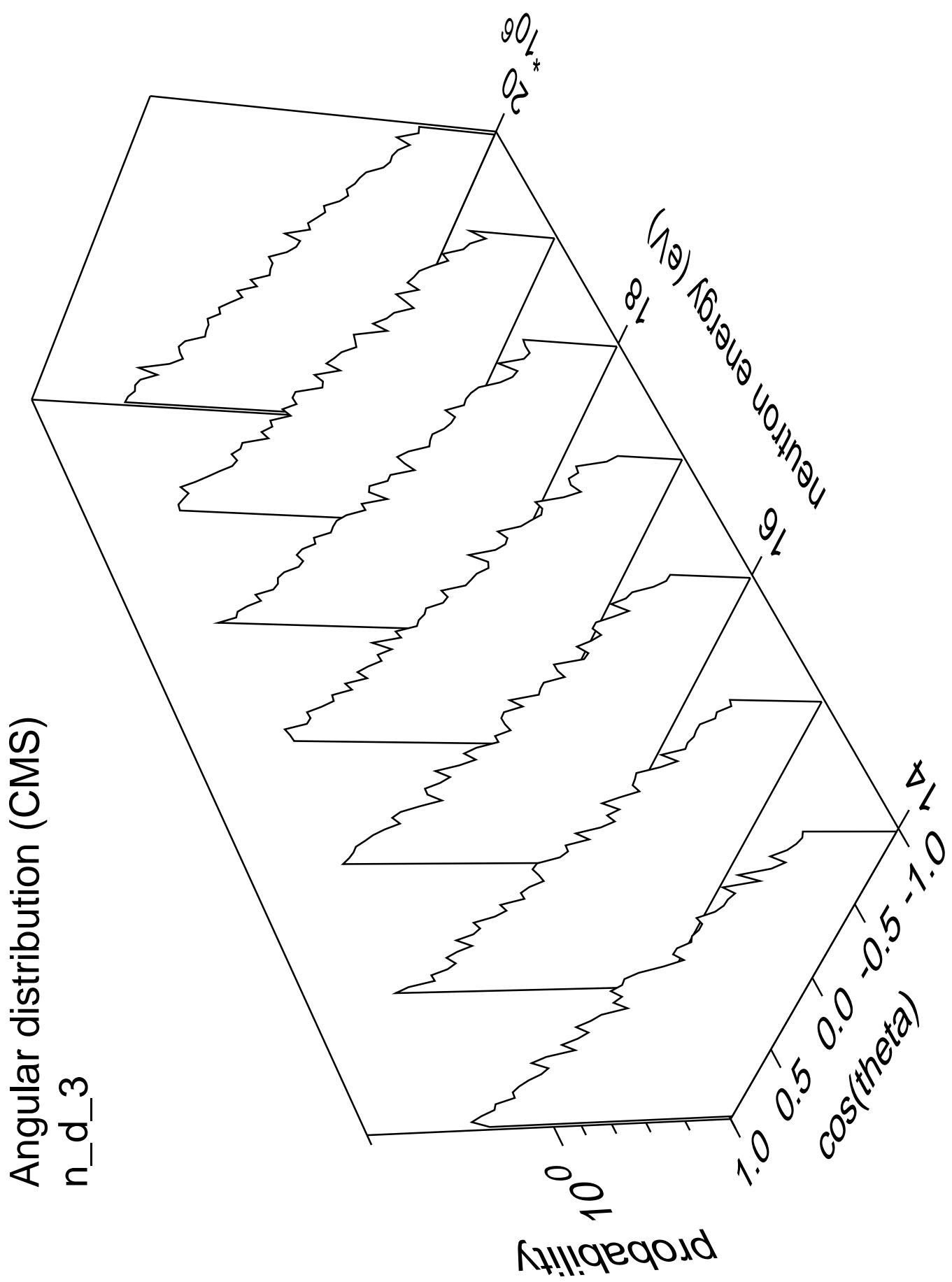


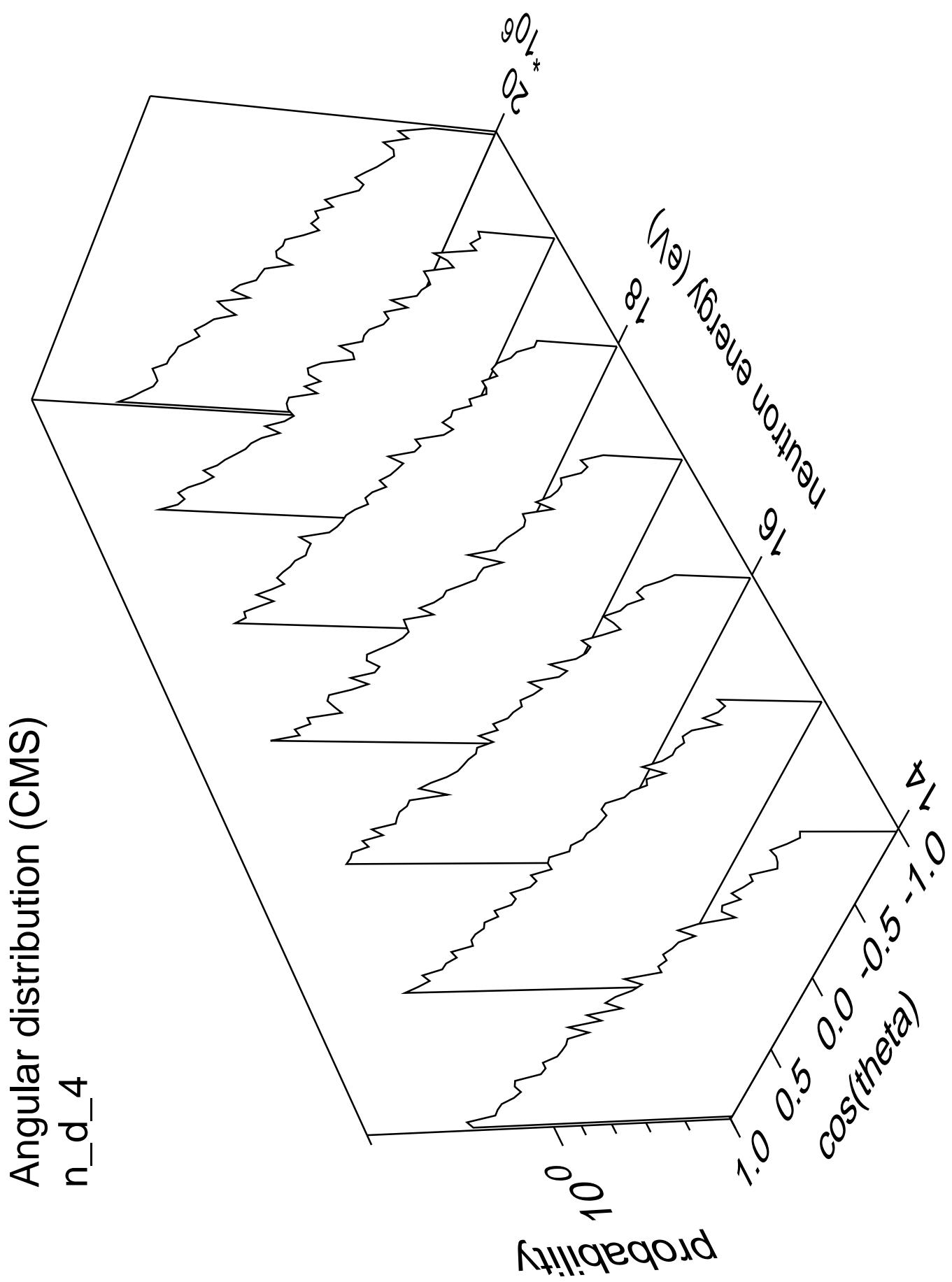


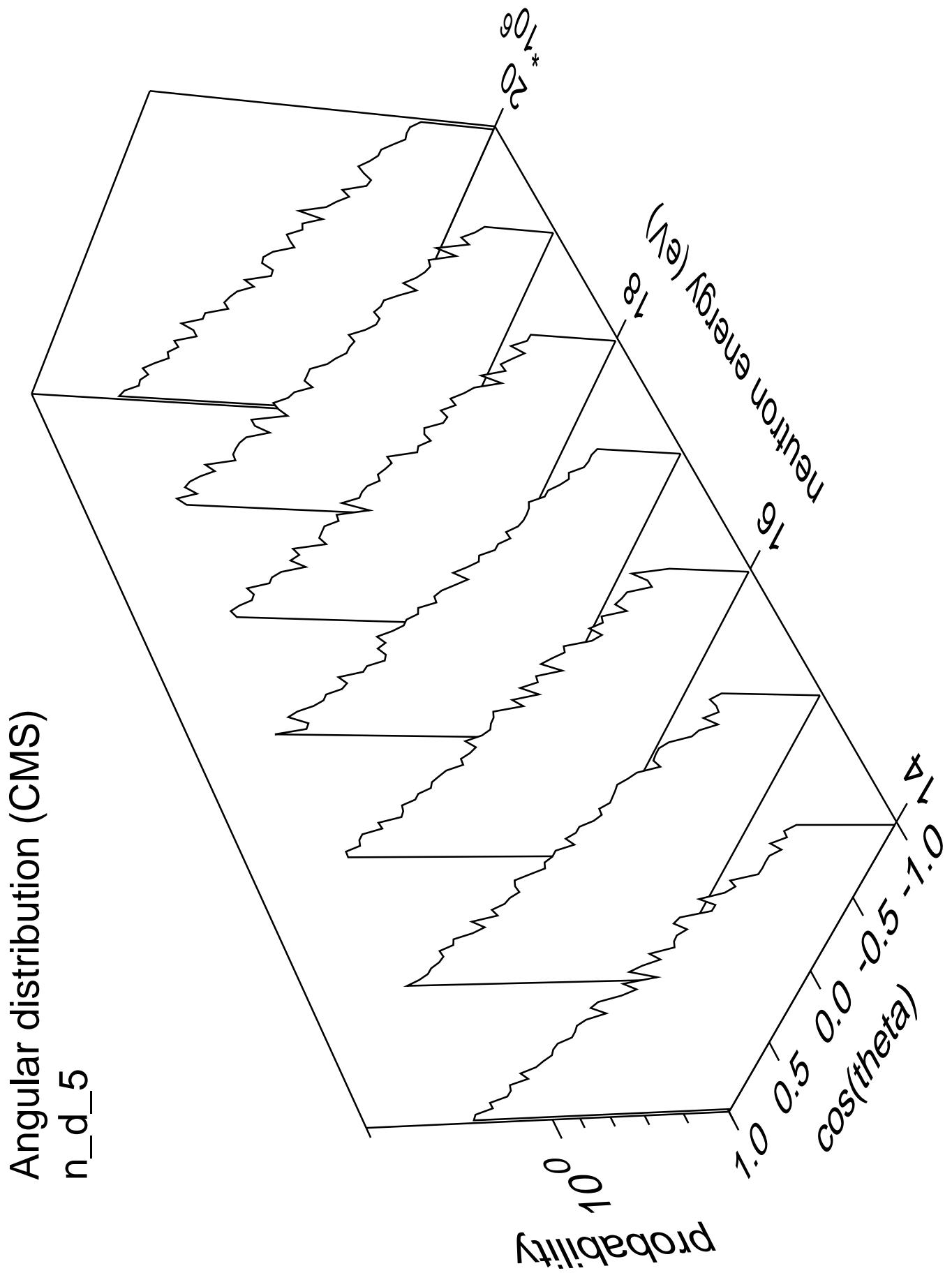


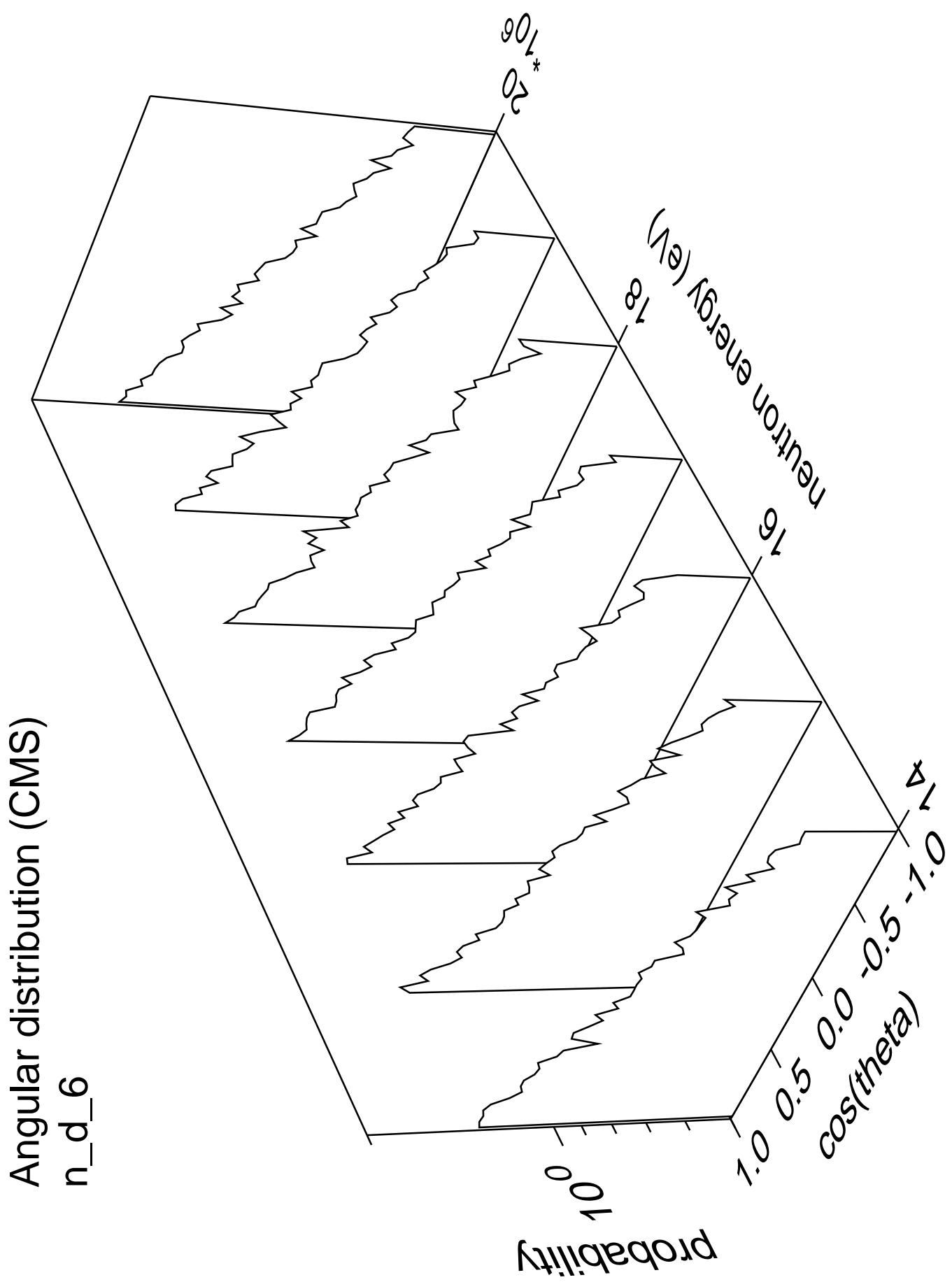


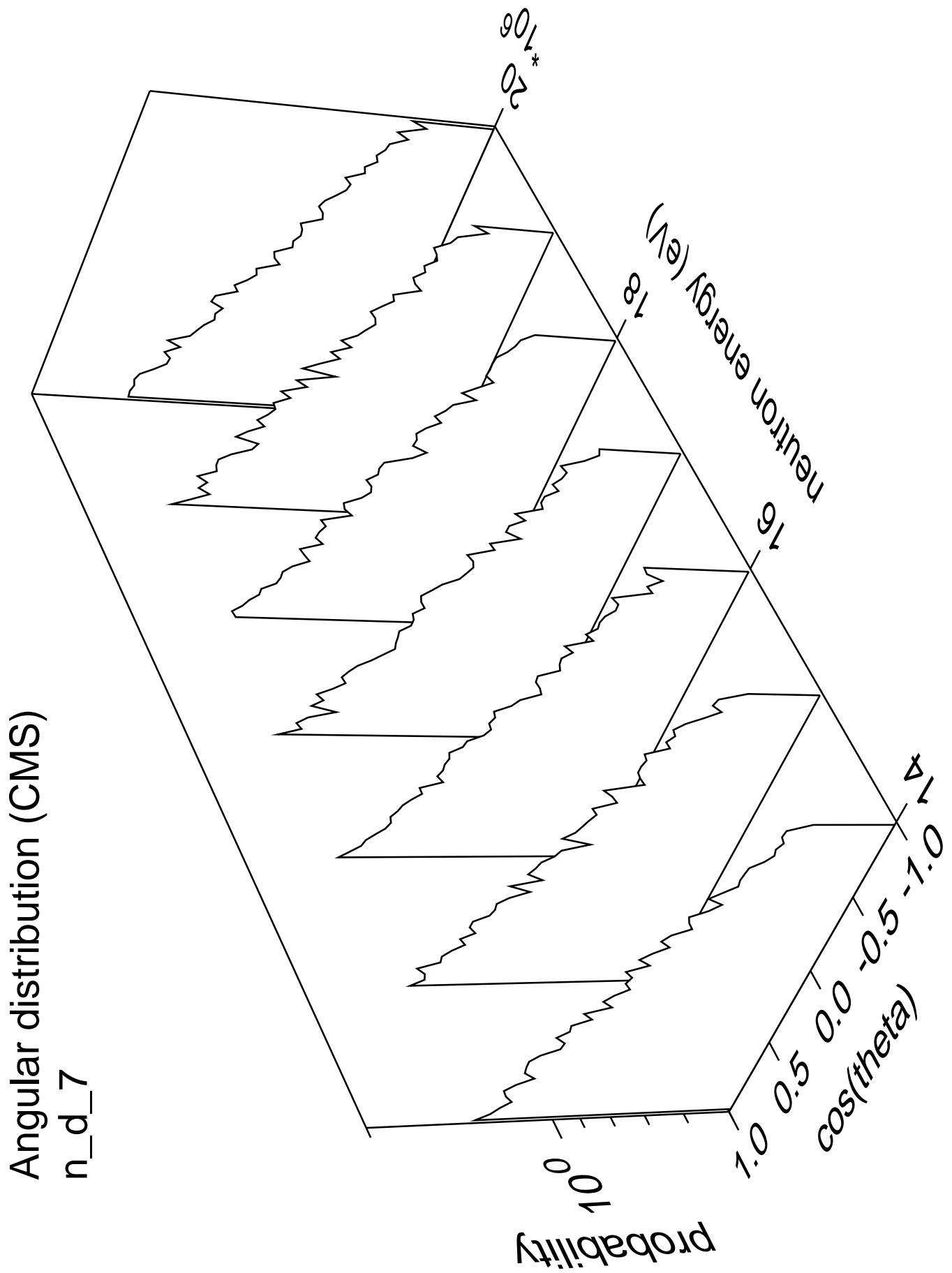


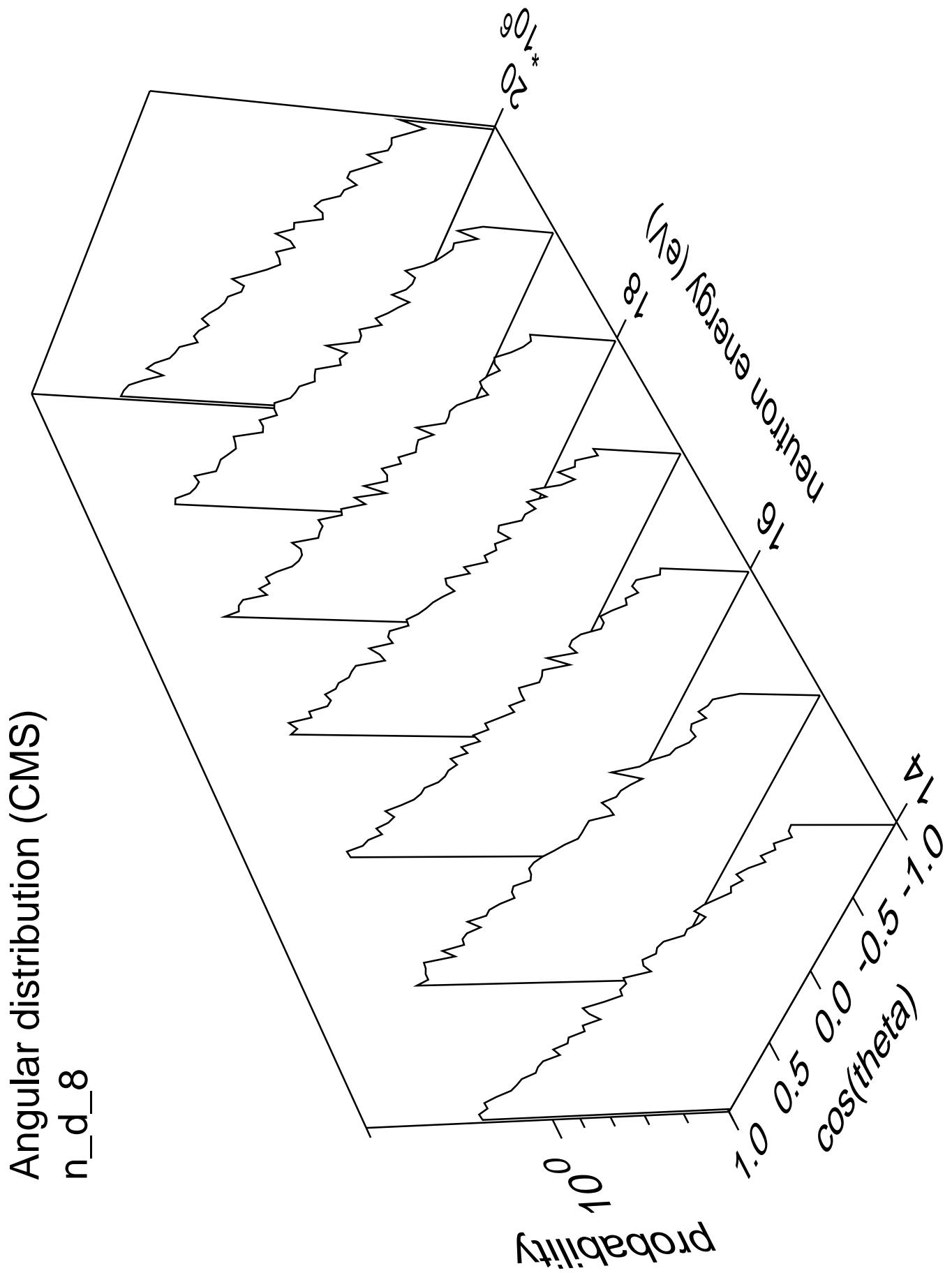


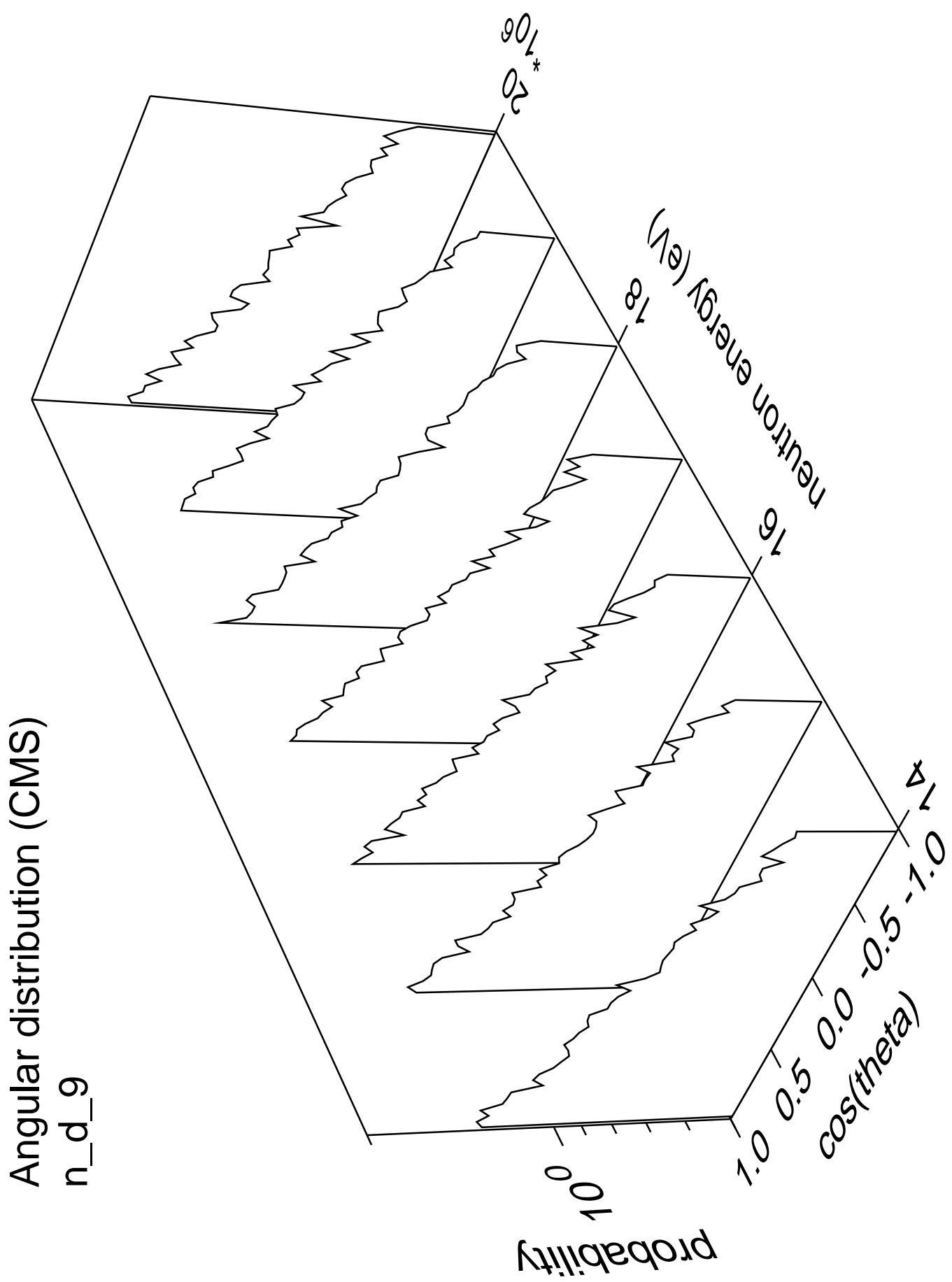


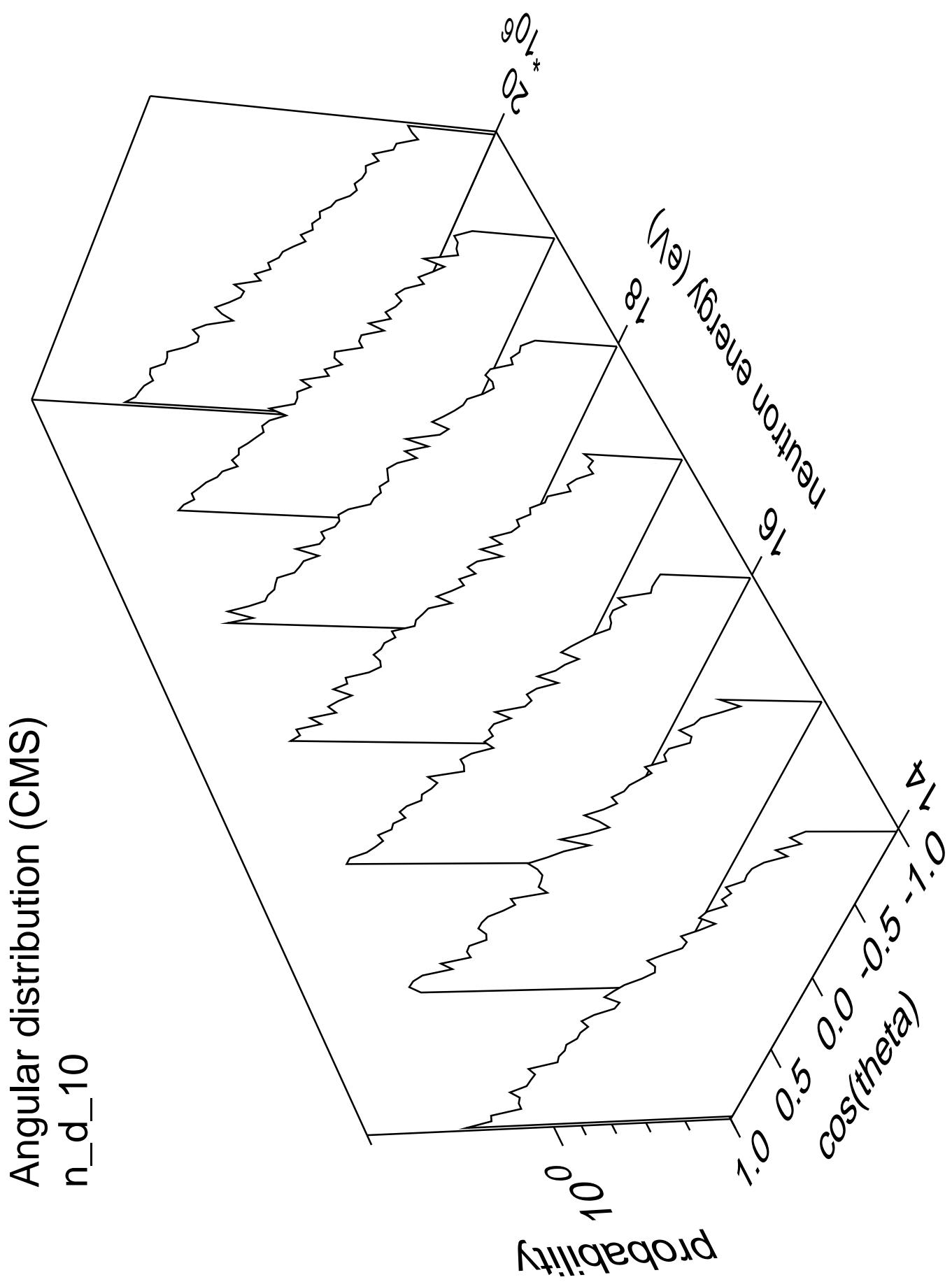


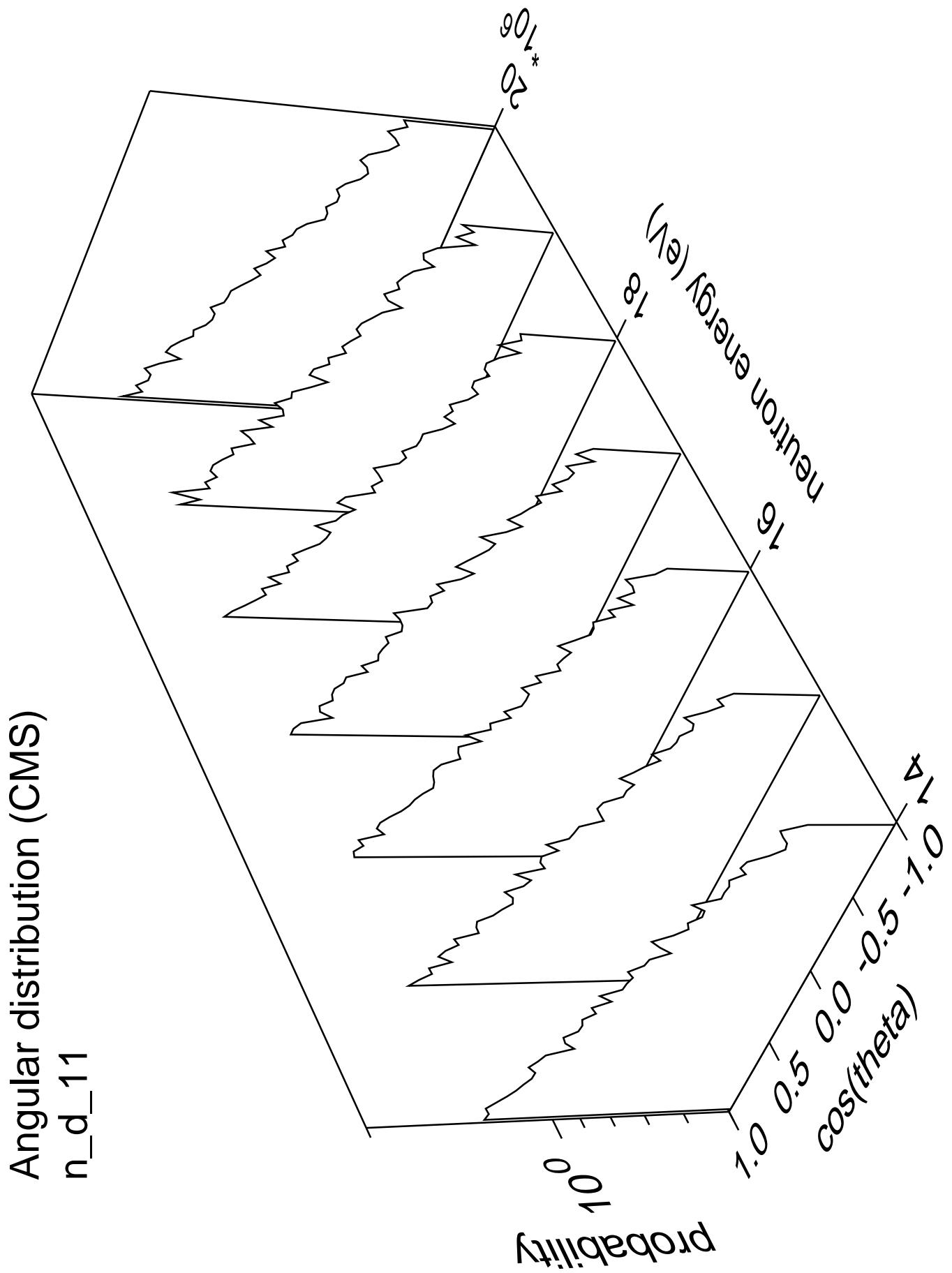




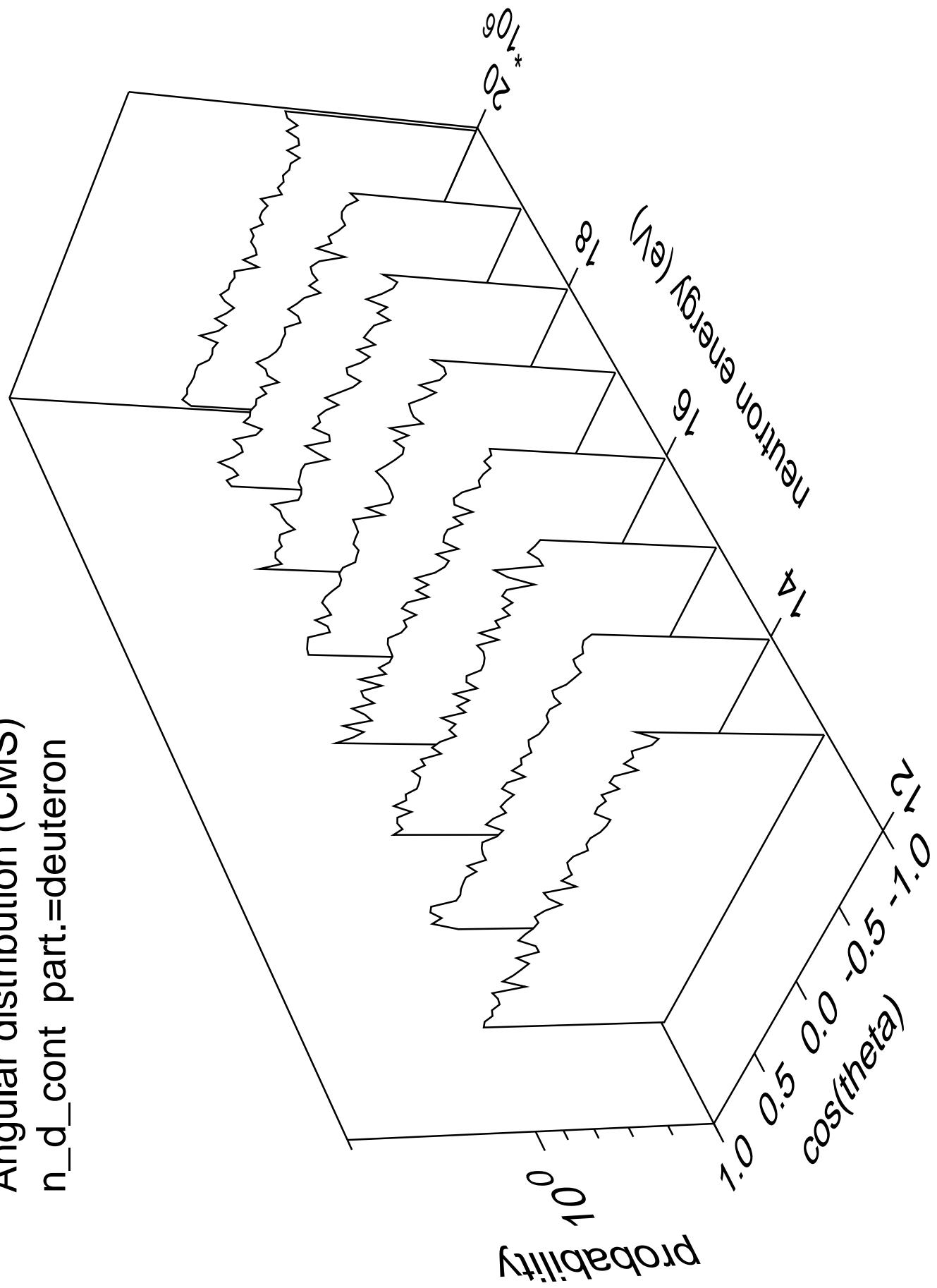




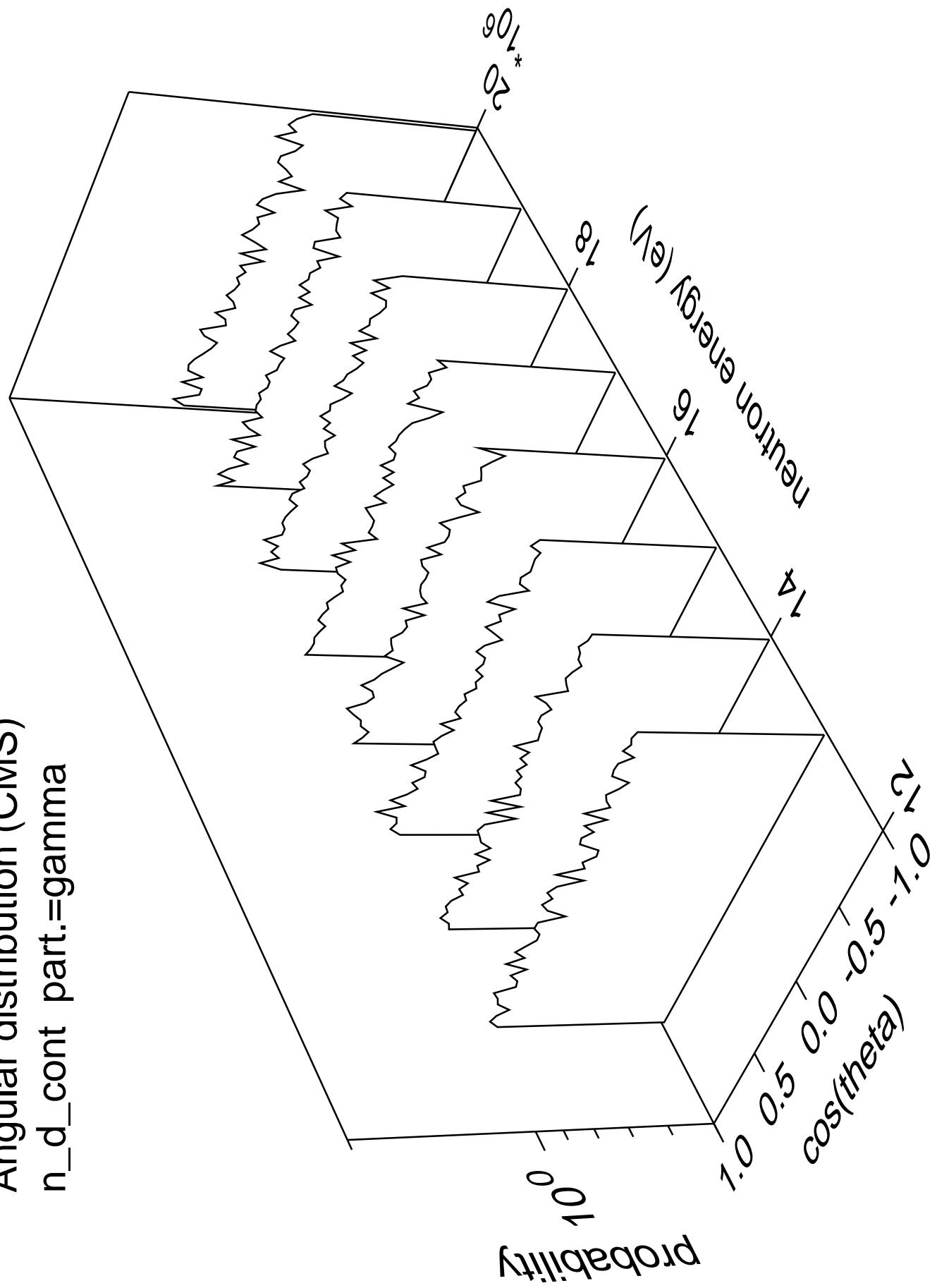


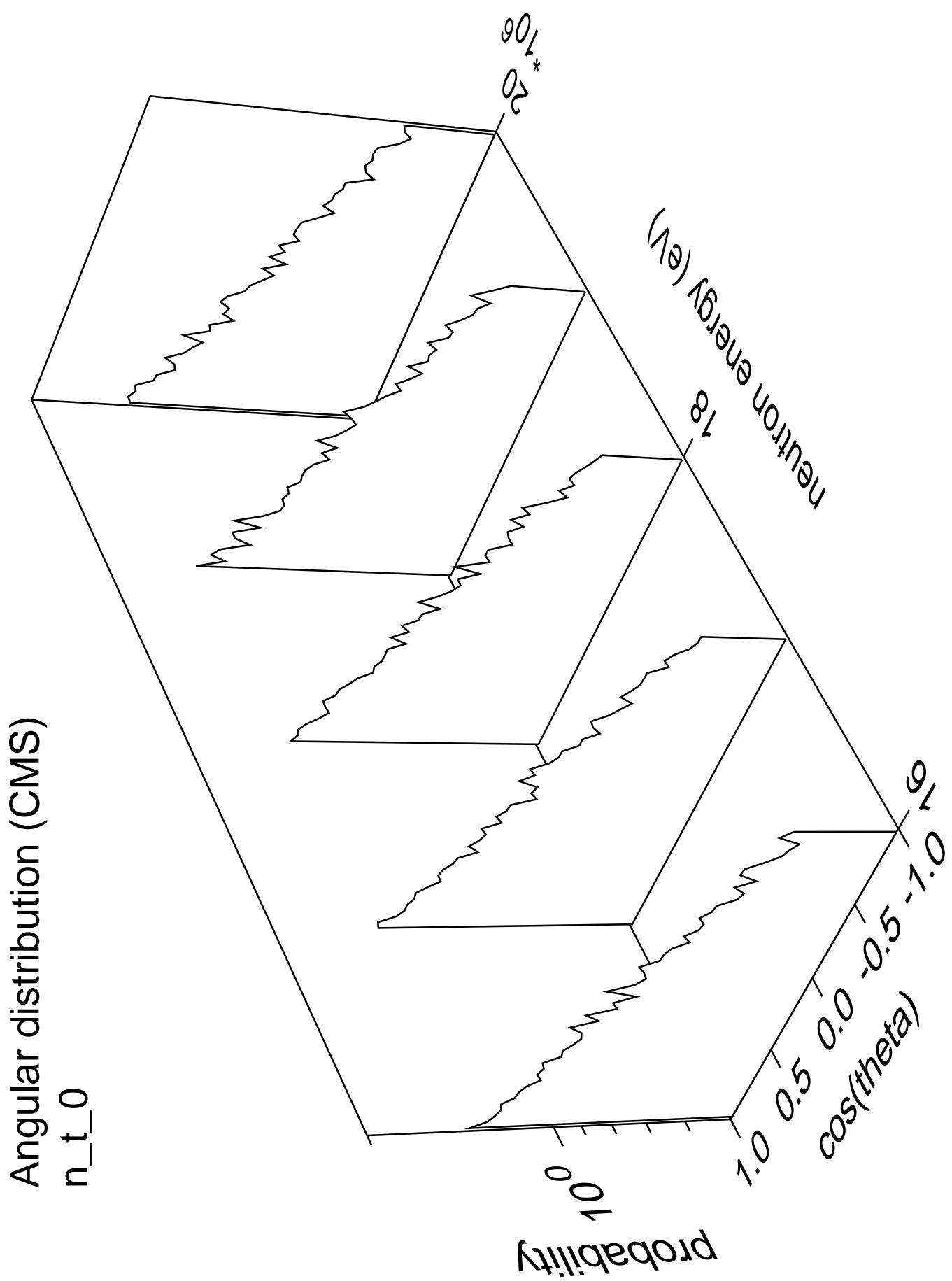


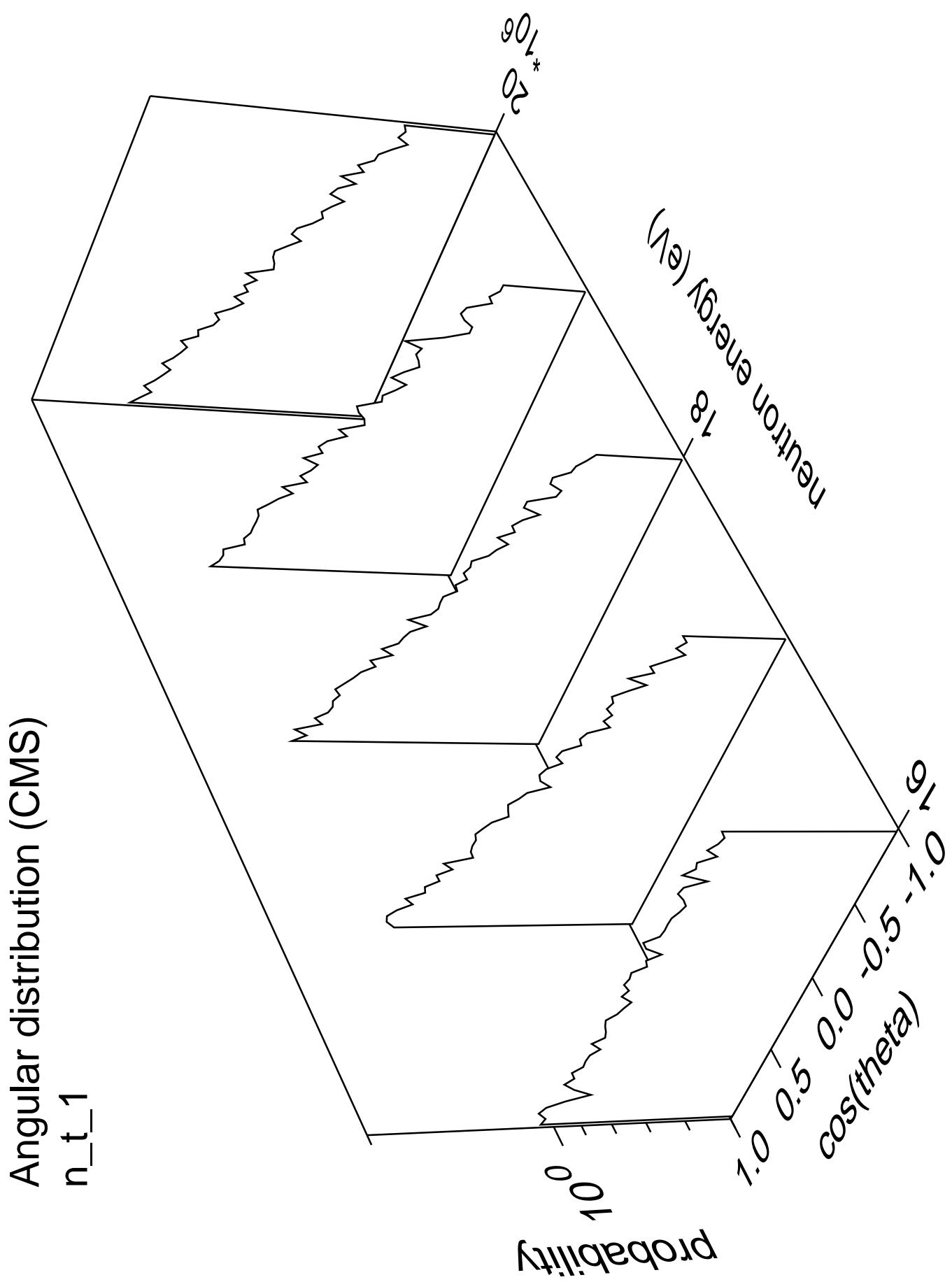
Angular distribution (CMS)
 n_d cont part.=deuteron

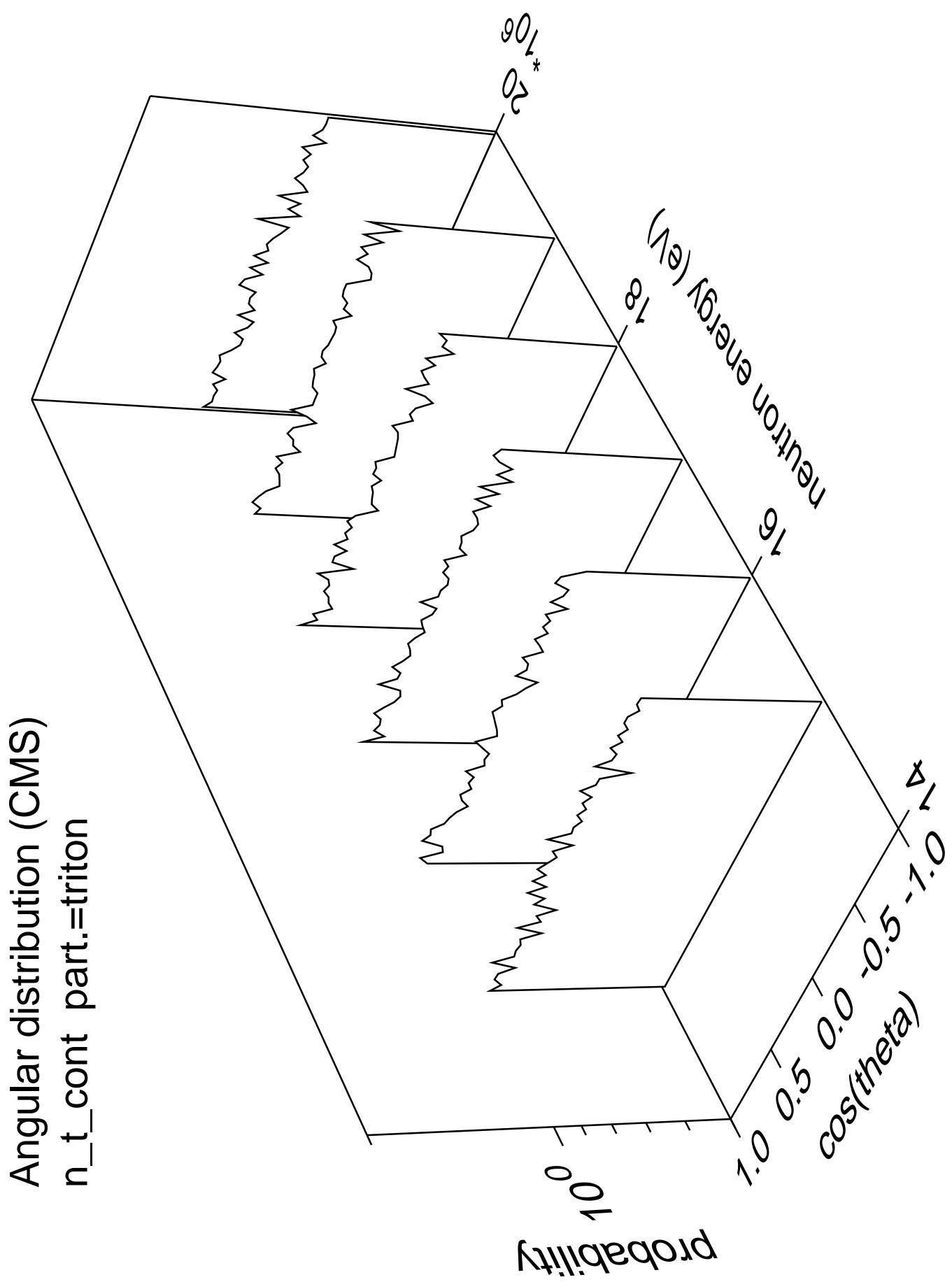


Angular distribution (CMS)
 n_d cont part.=gamma

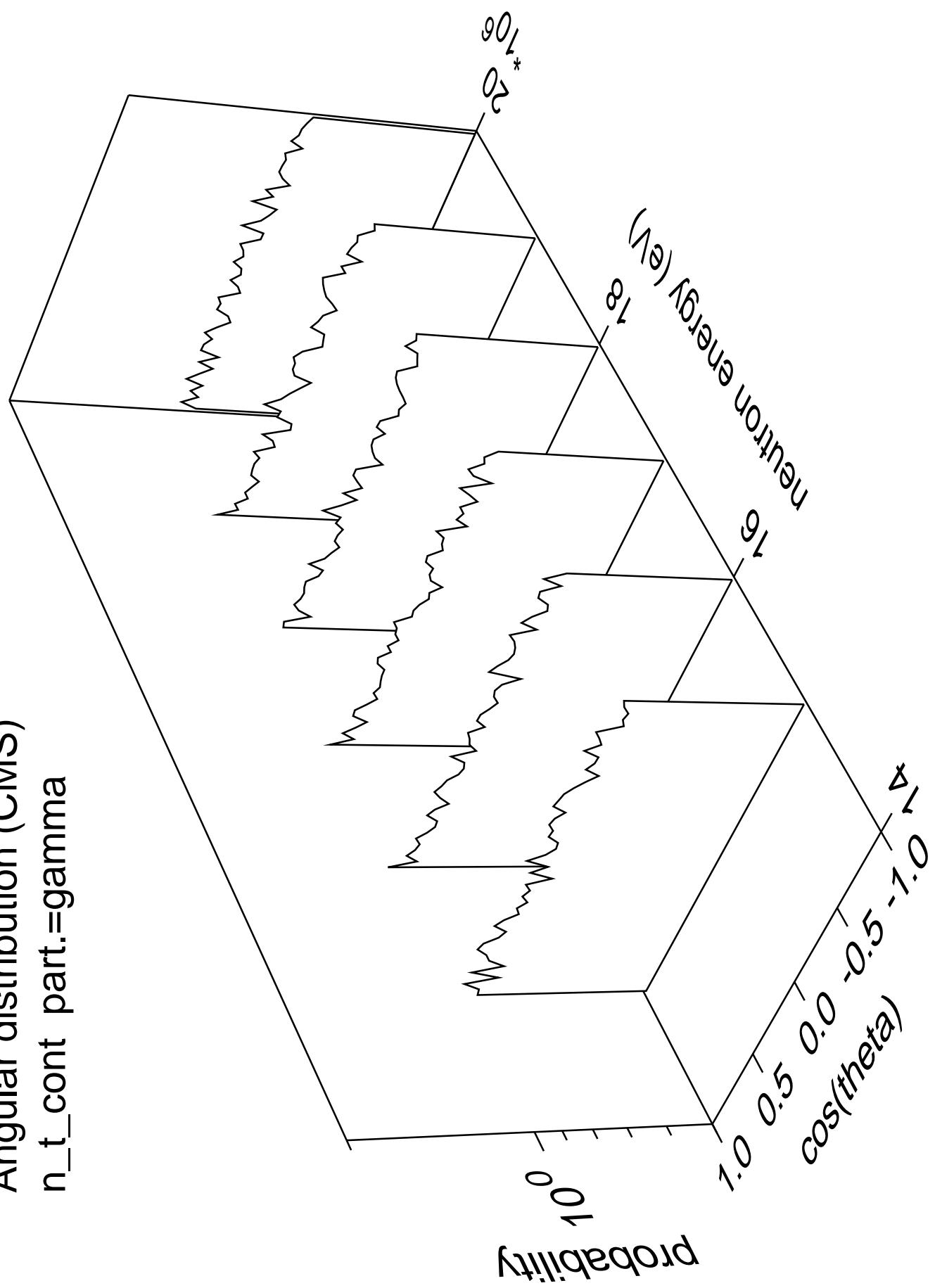


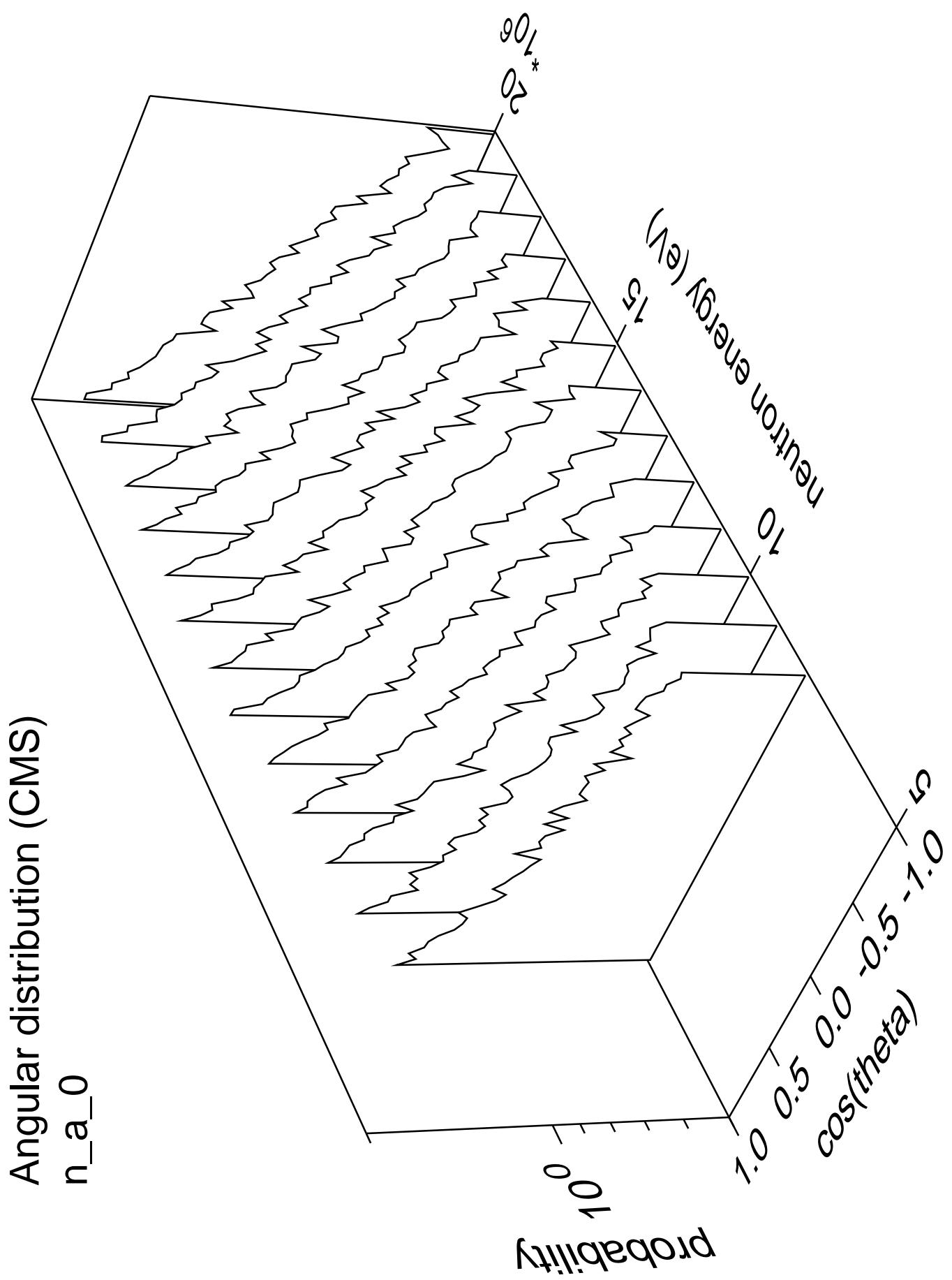


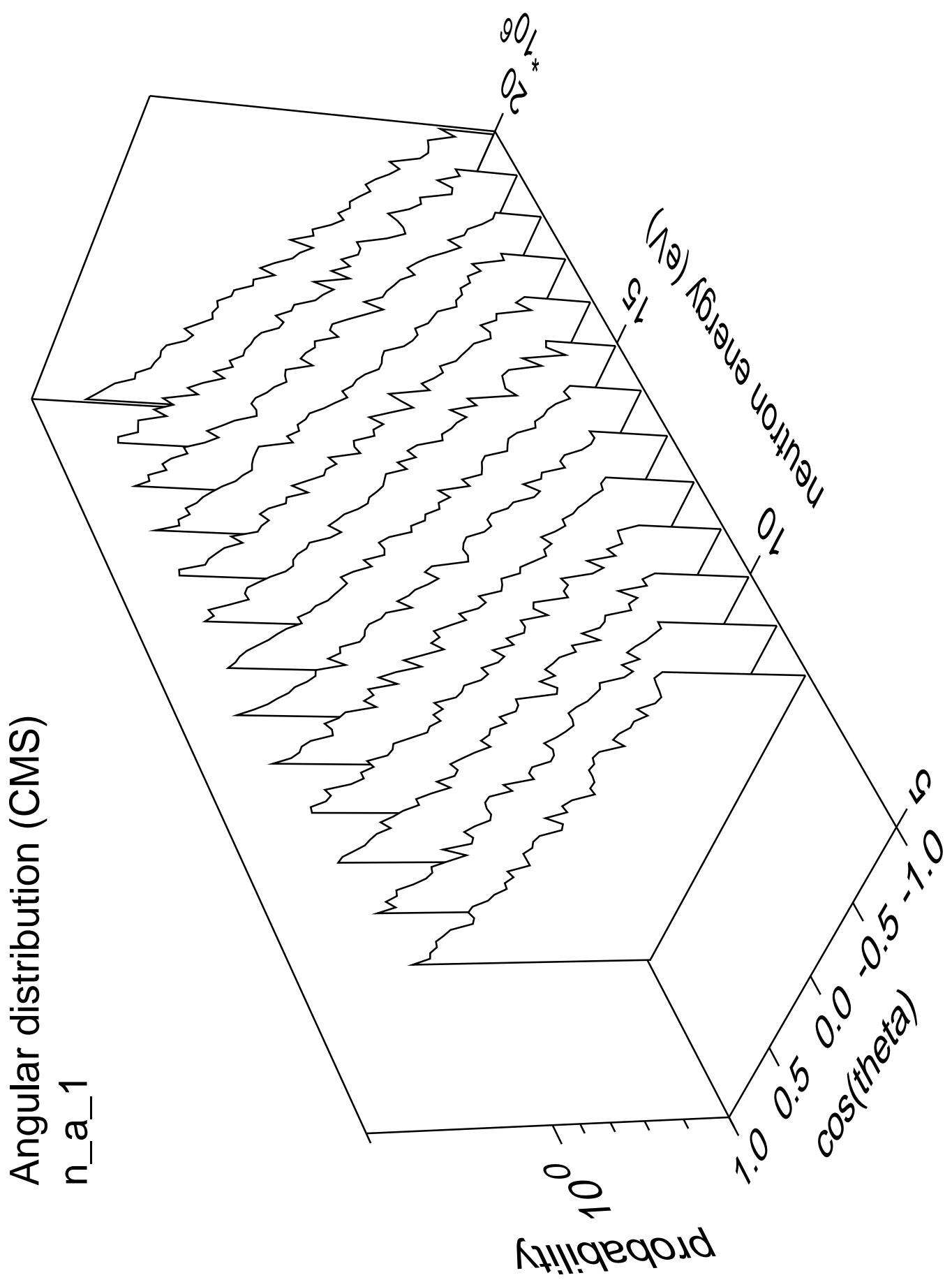


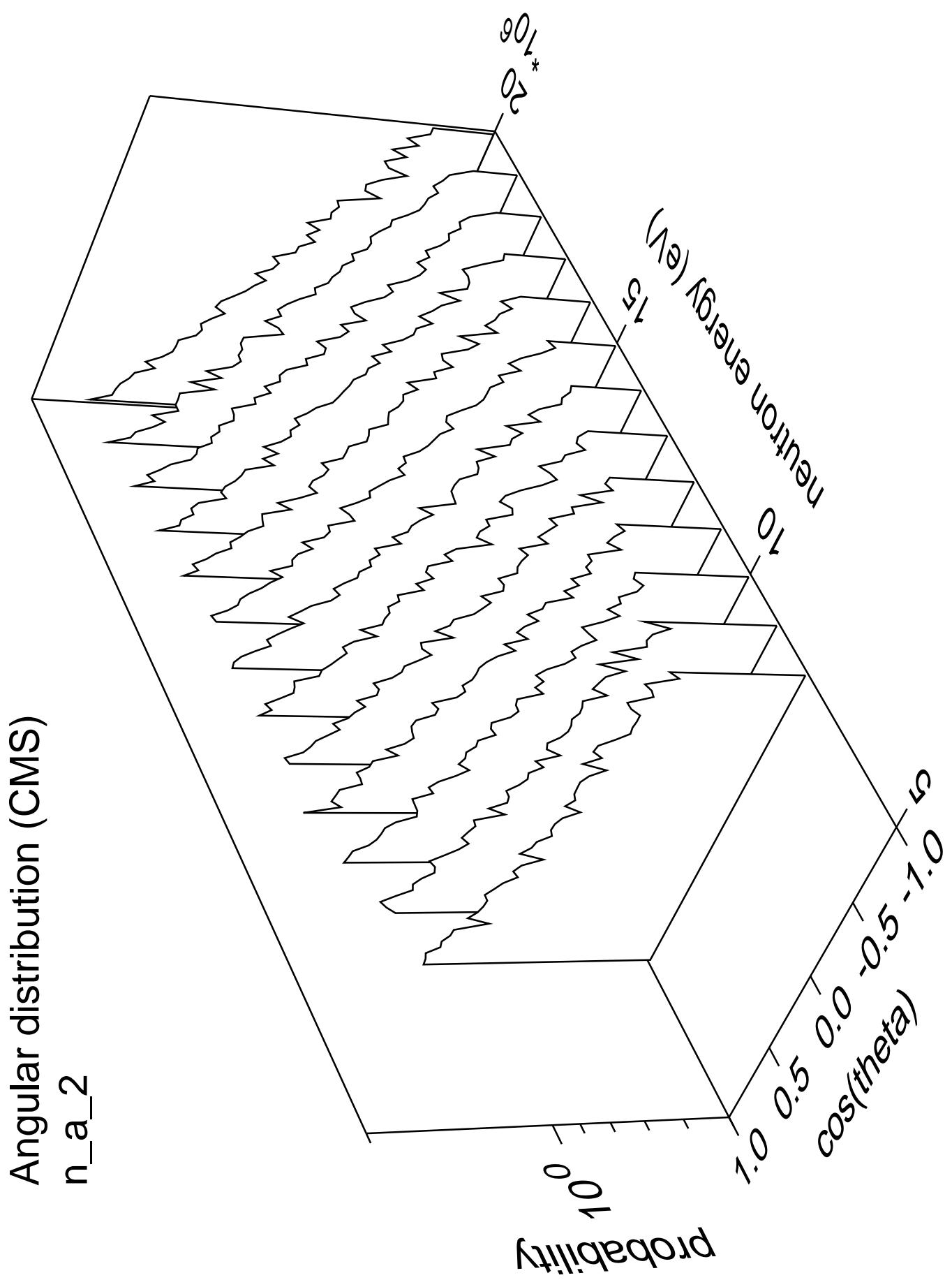


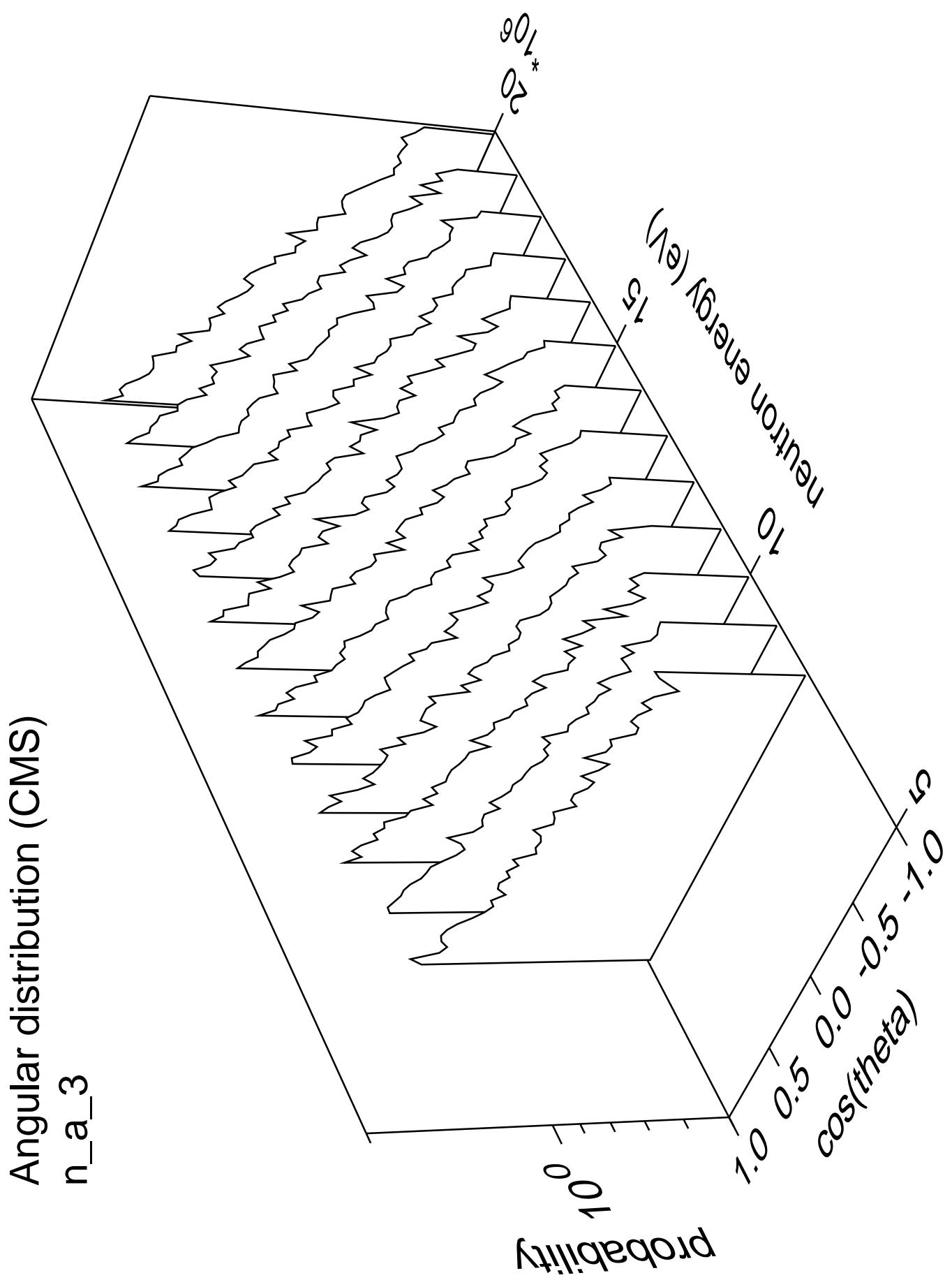
Angular distribution (CMS)
 n_t cont part.=gamma

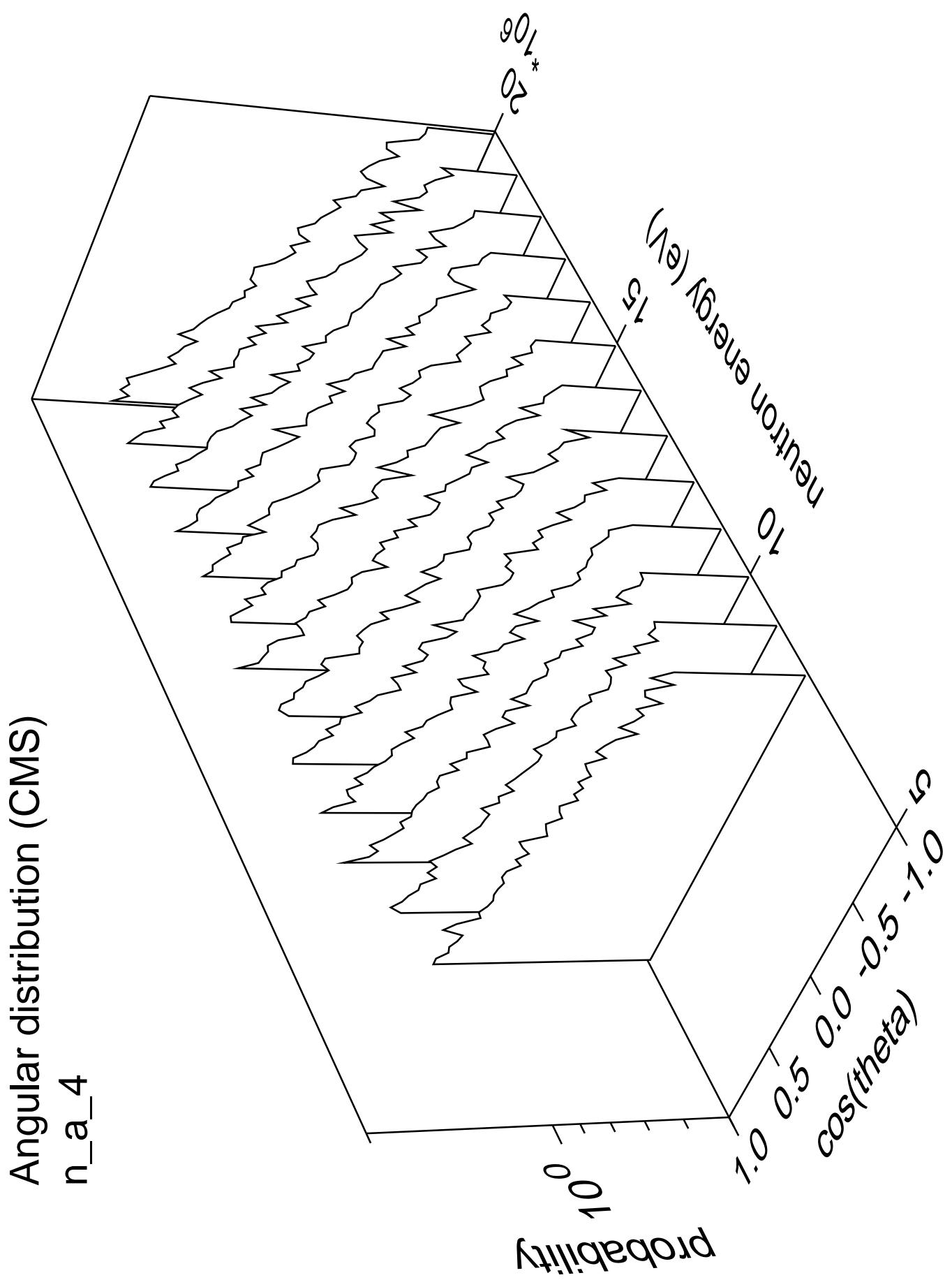


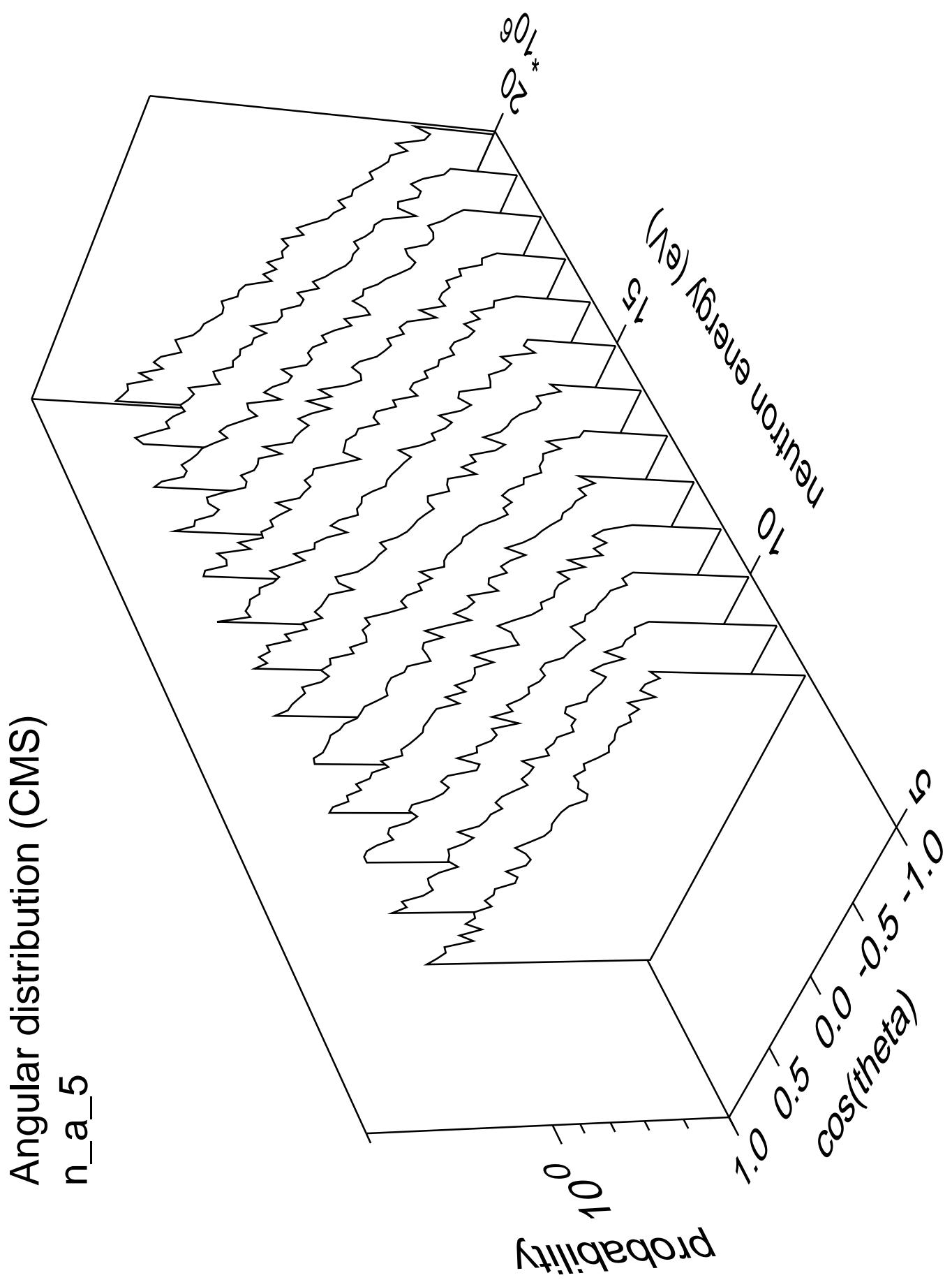




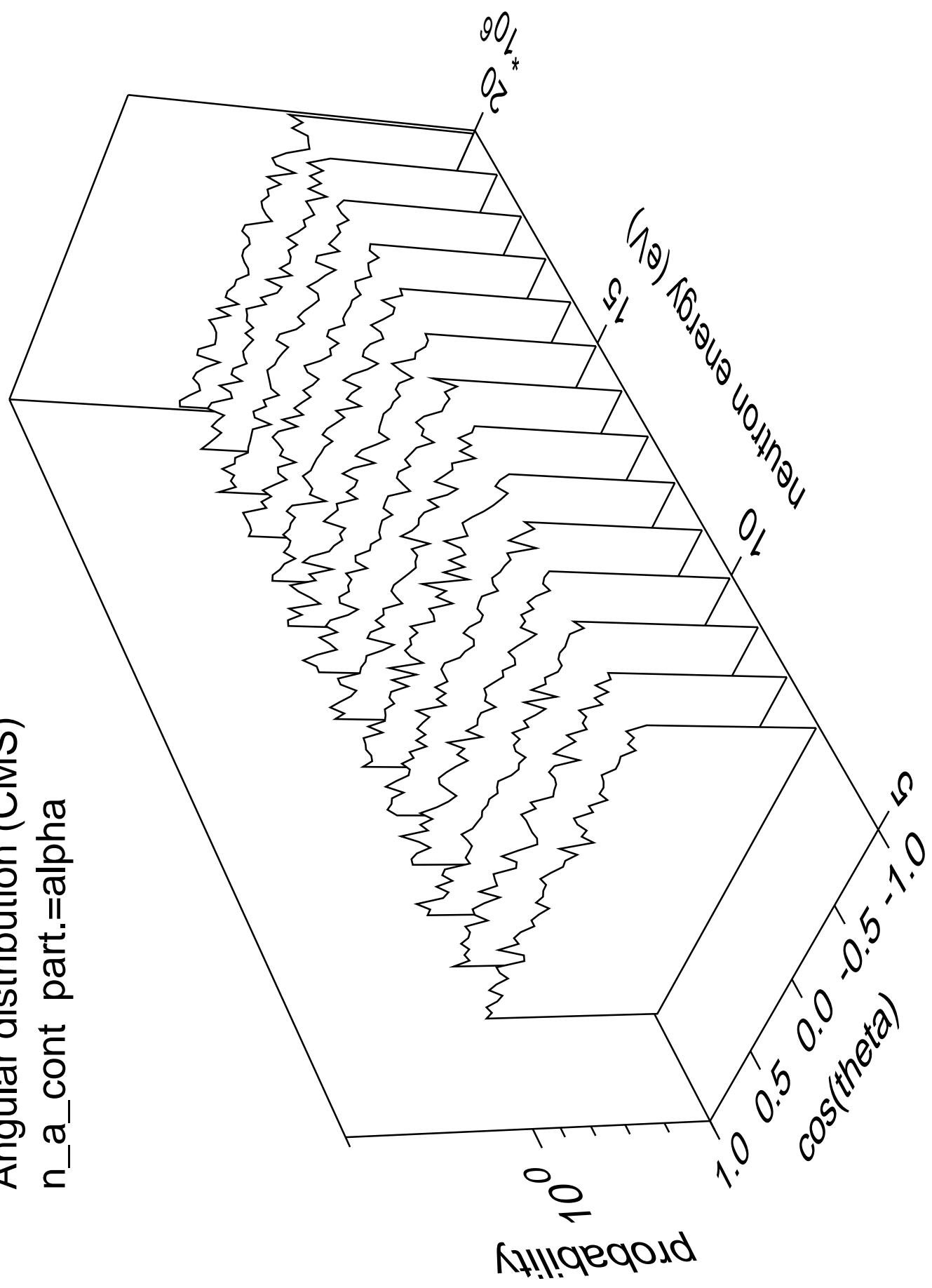




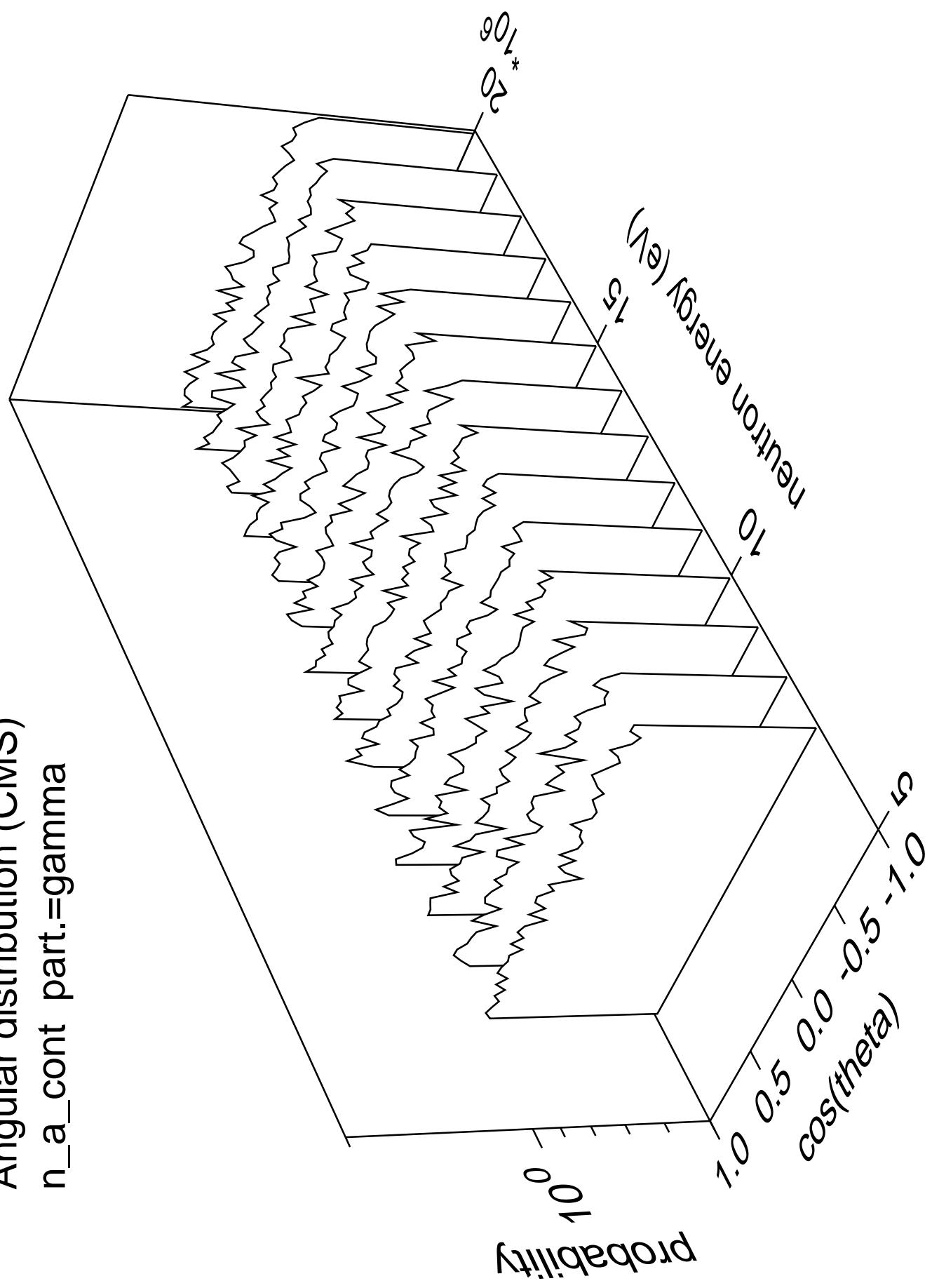




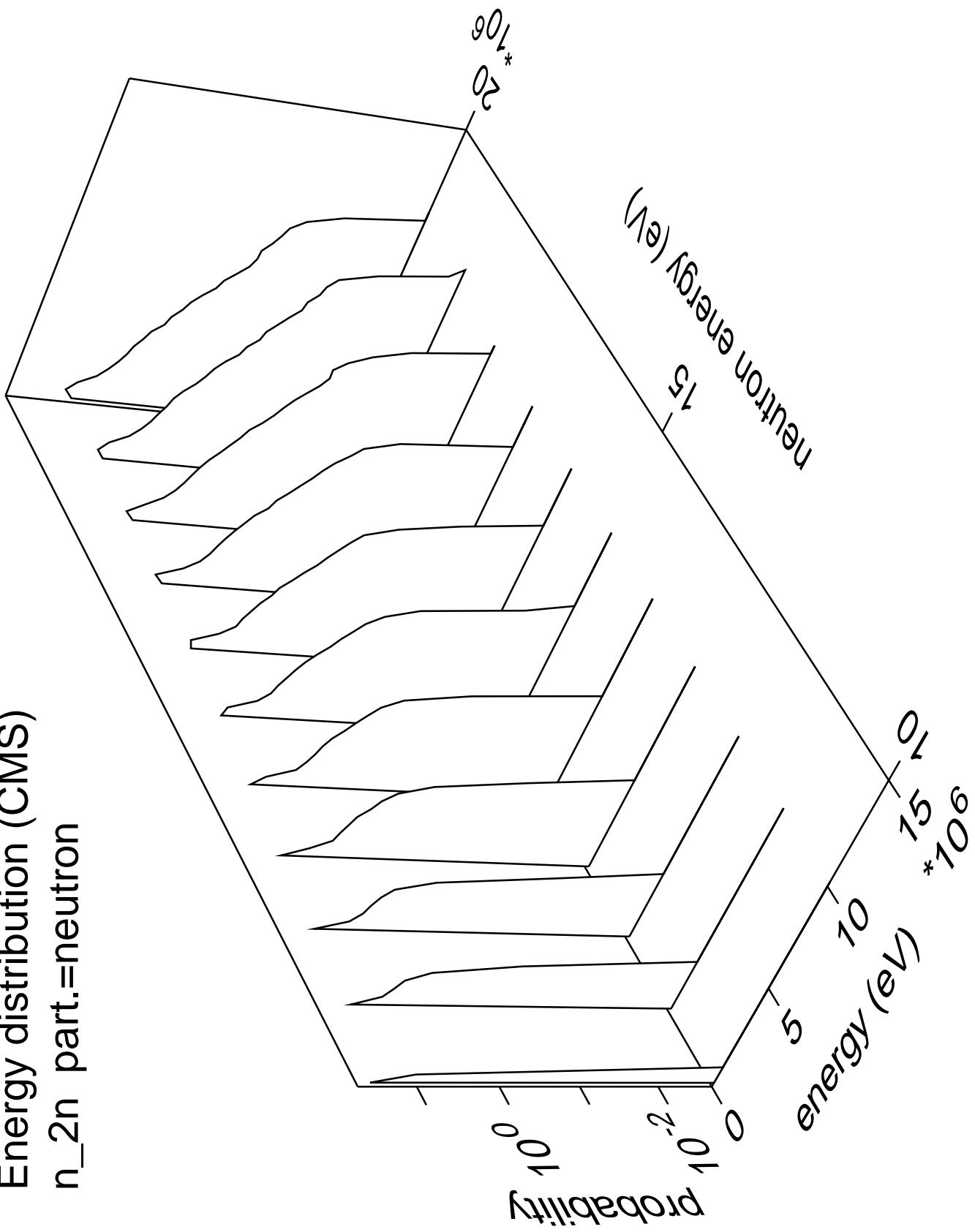
Angular distribution (CMS)
 n_a _cont part.=alpha

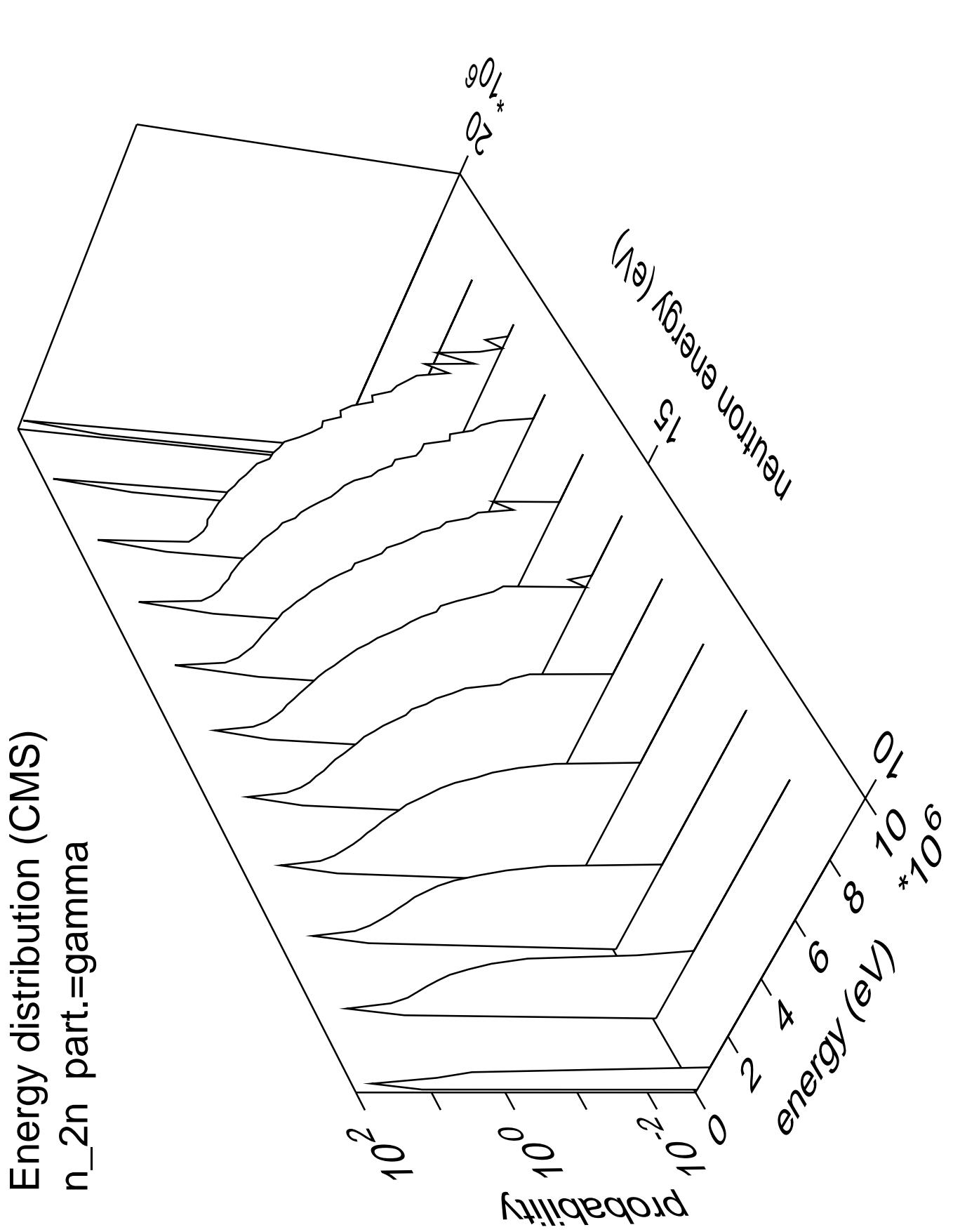


Angular distribution (CMS)
n_a_cont part.=gamma

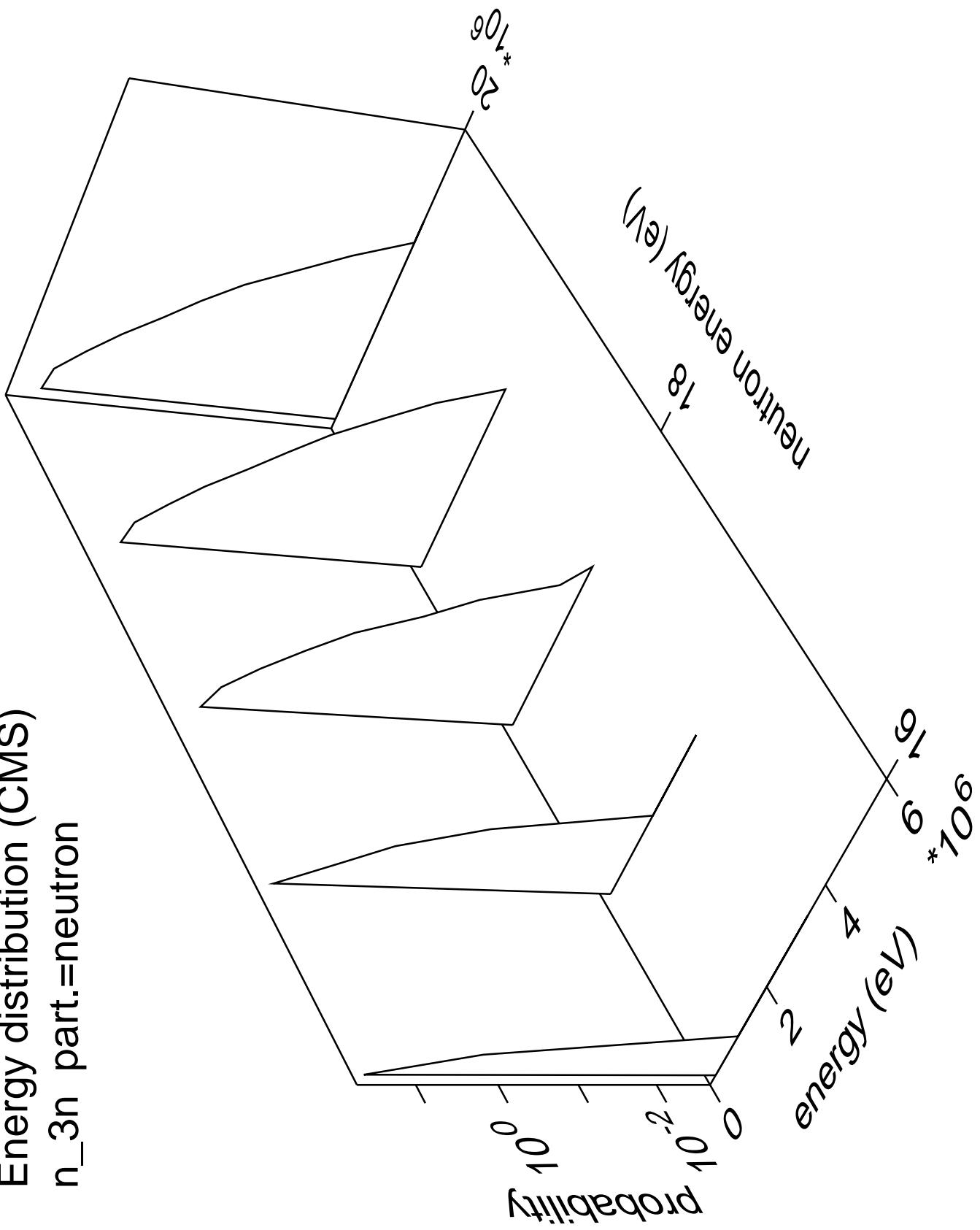


Energy distribution (CMS)
 n_{2n} part.=neutron

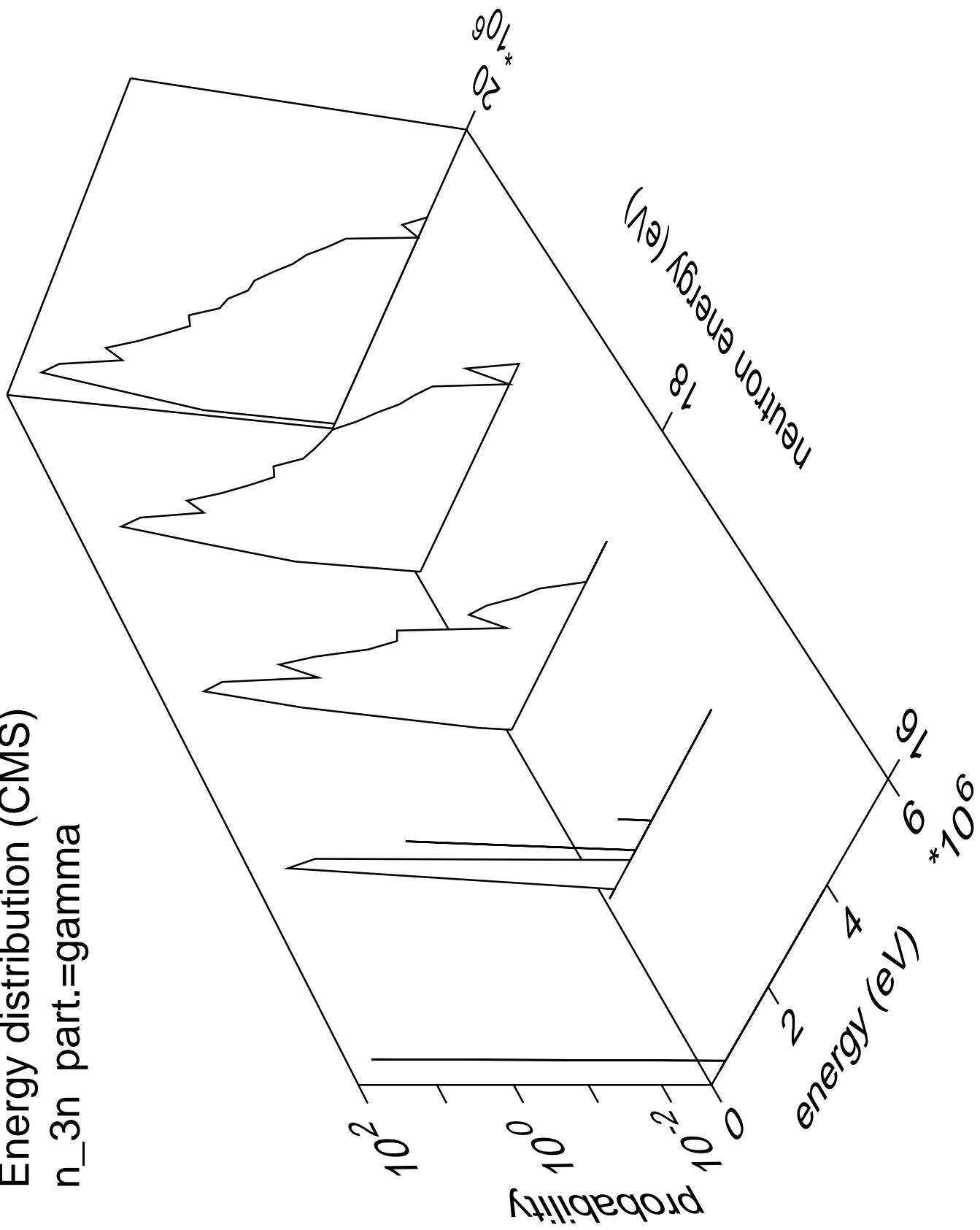


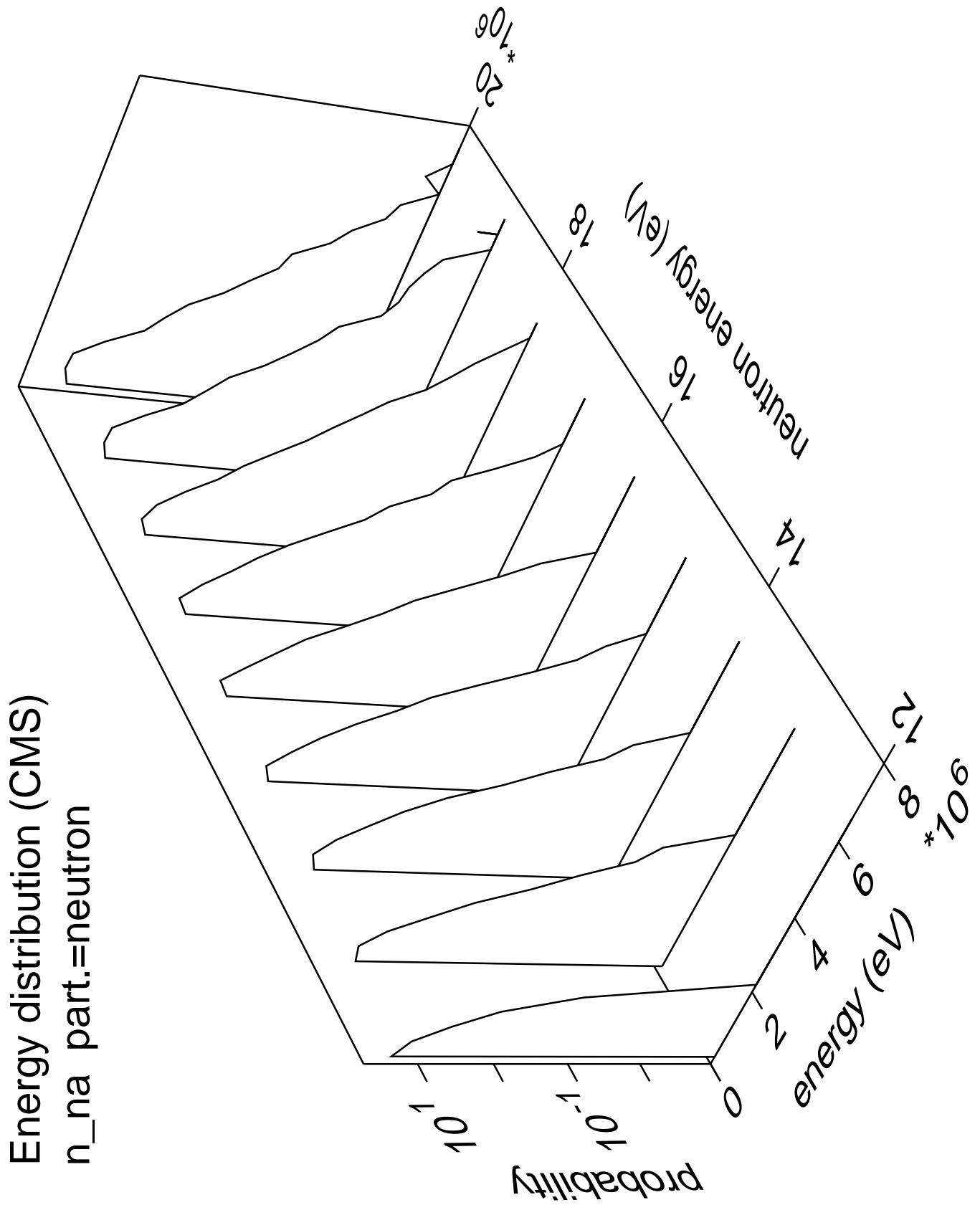


Energy distribution (CMS)
 n_{3n} part.=neutron

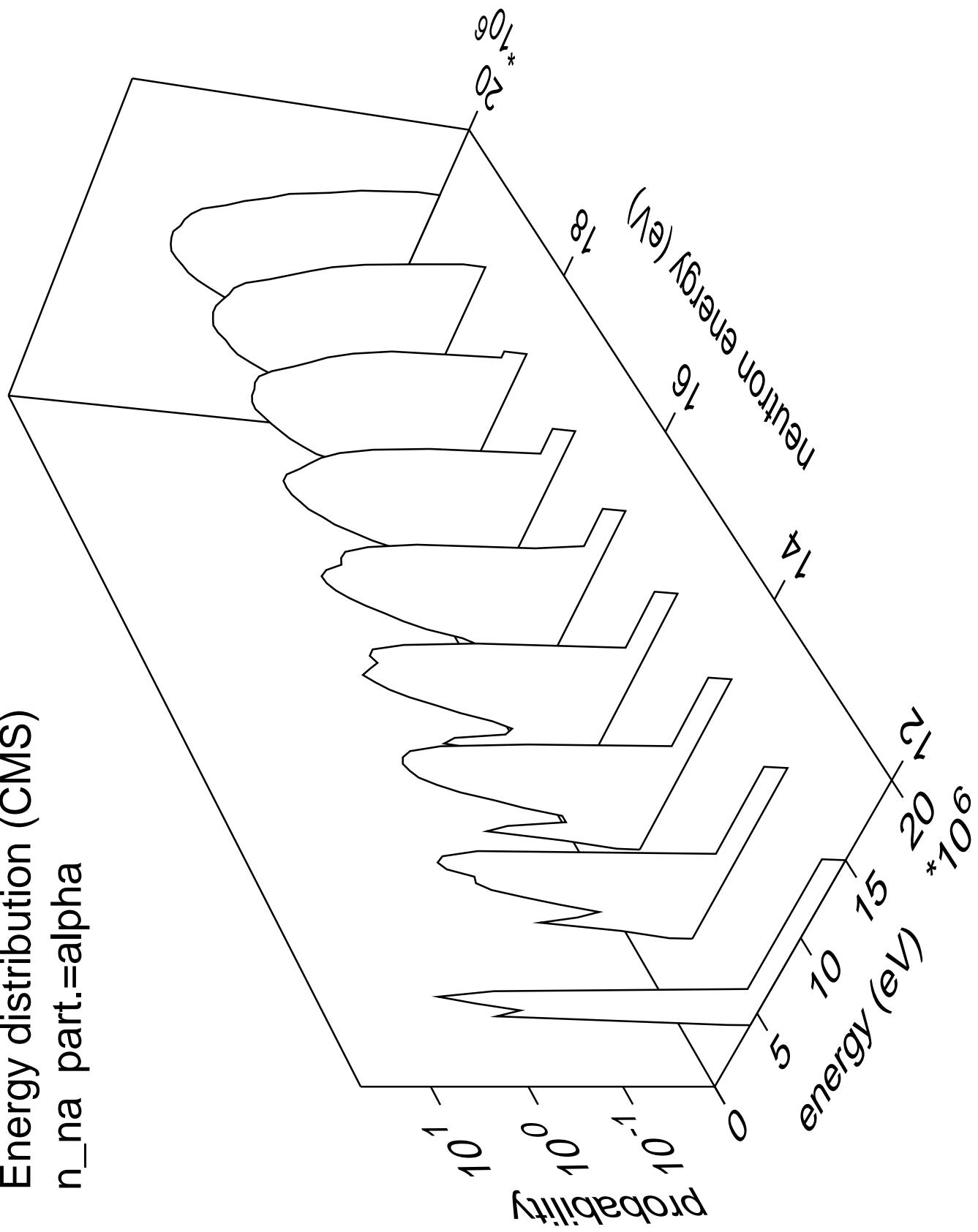


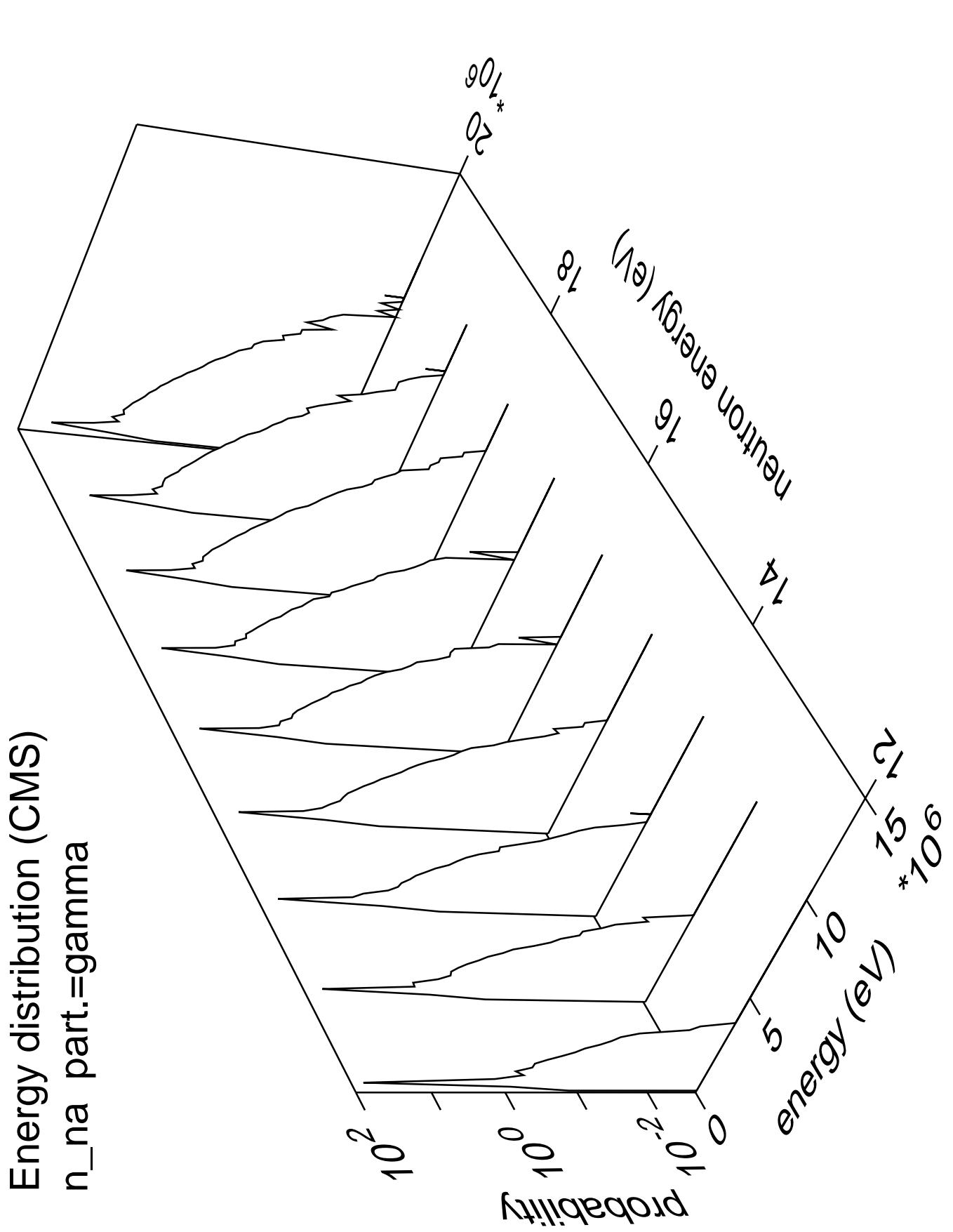
Energy distribution (CMS)
 n_{3n} part.=gamma

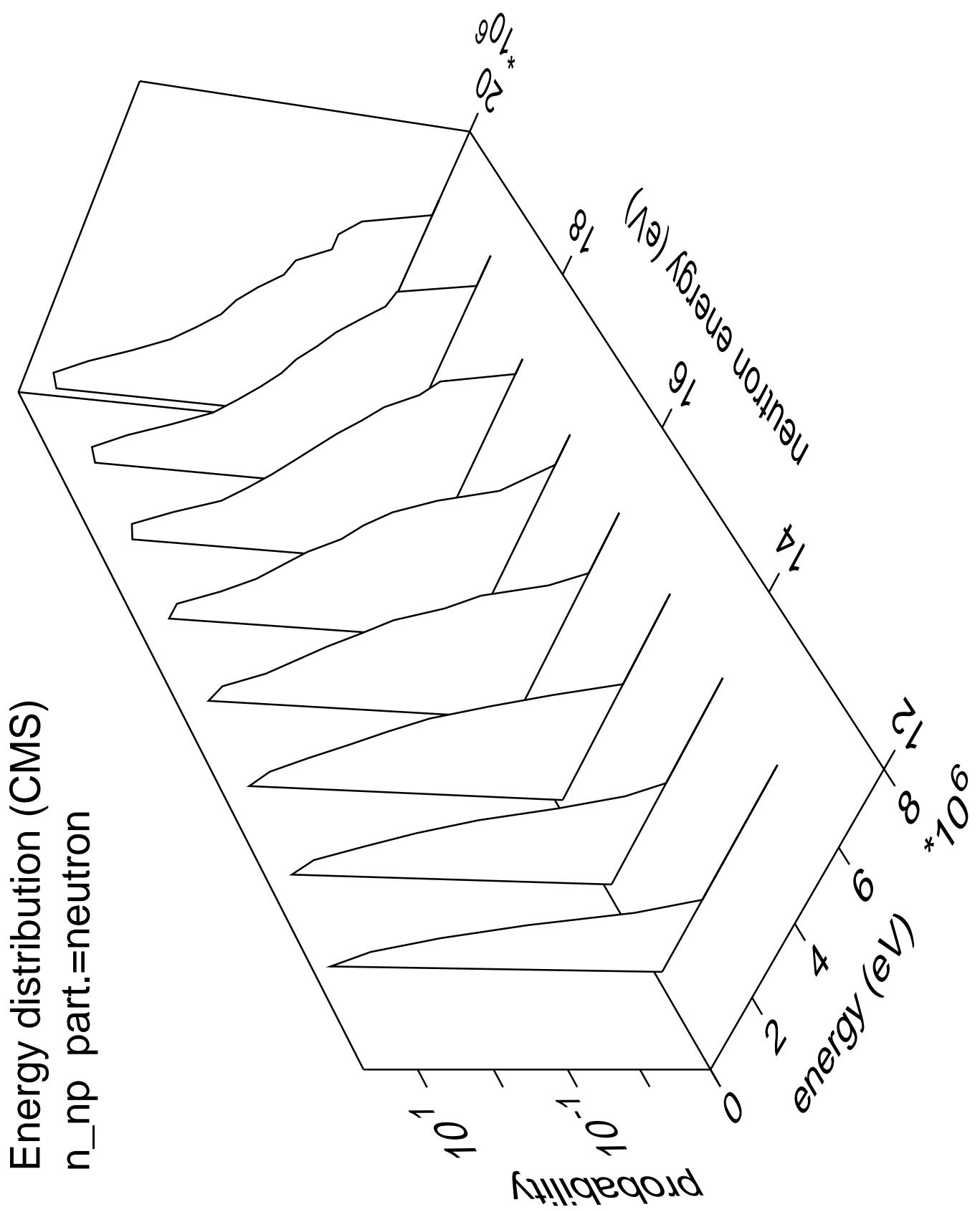




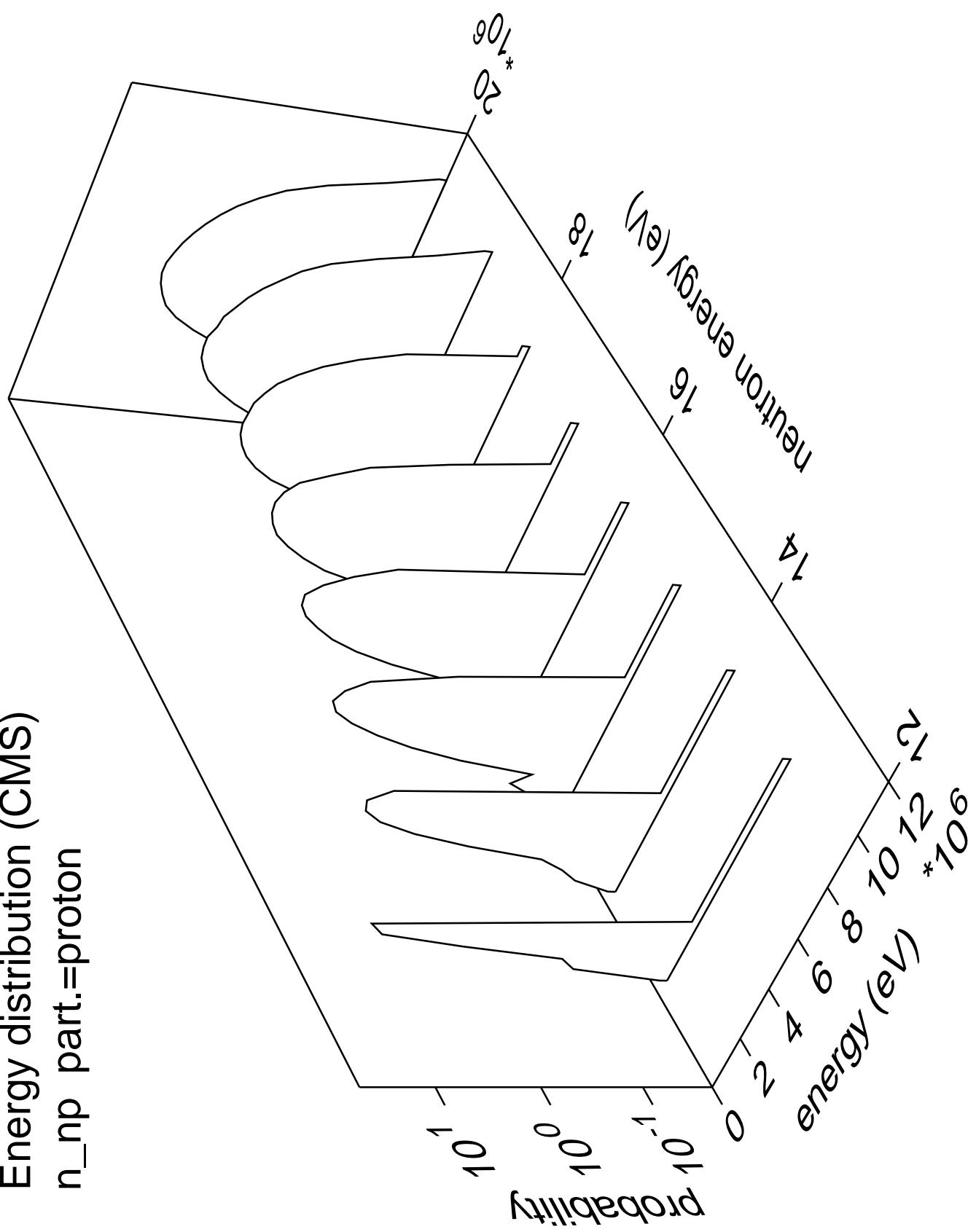
Energy distribution (CMS)
 n_{na} part.=alpha



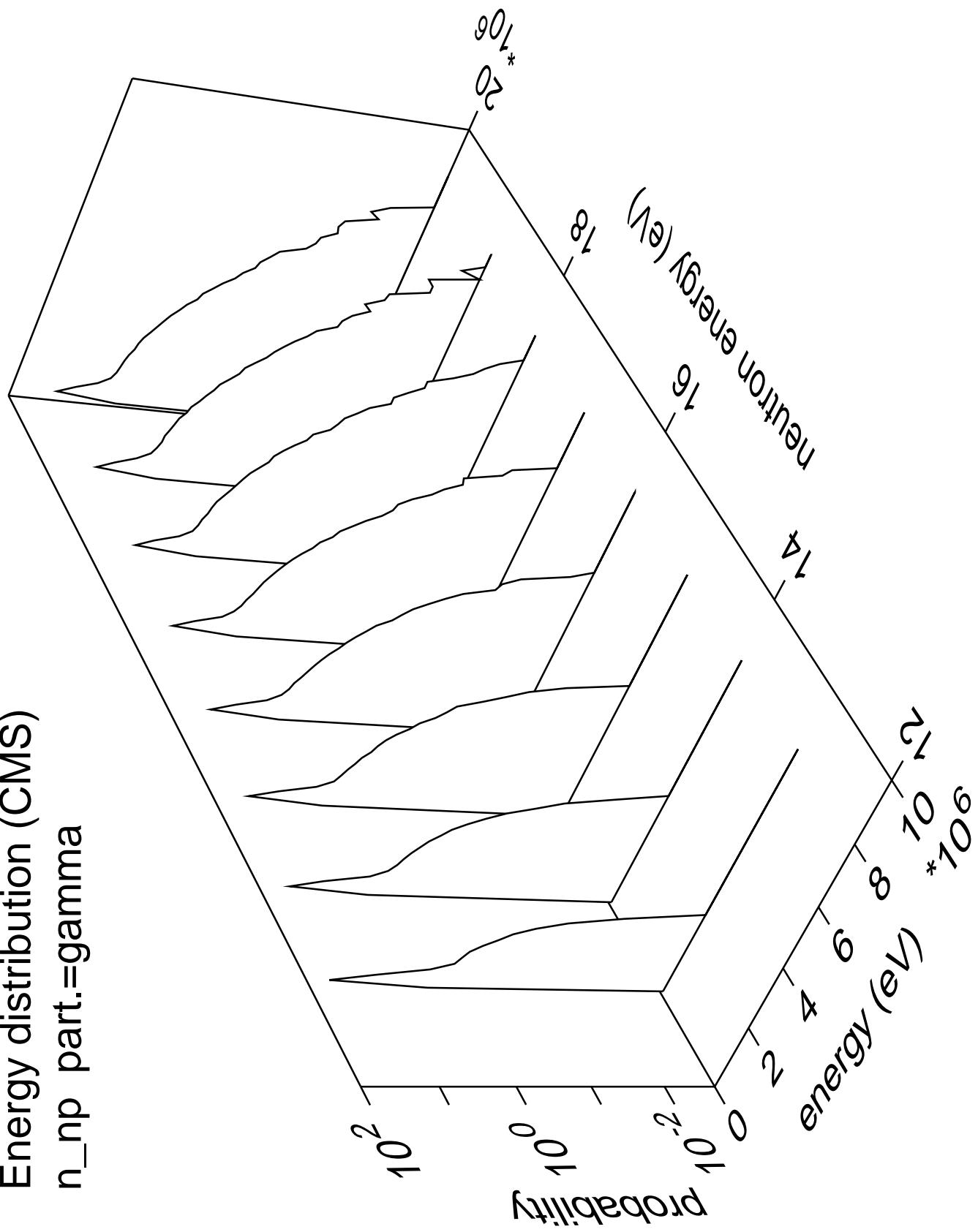




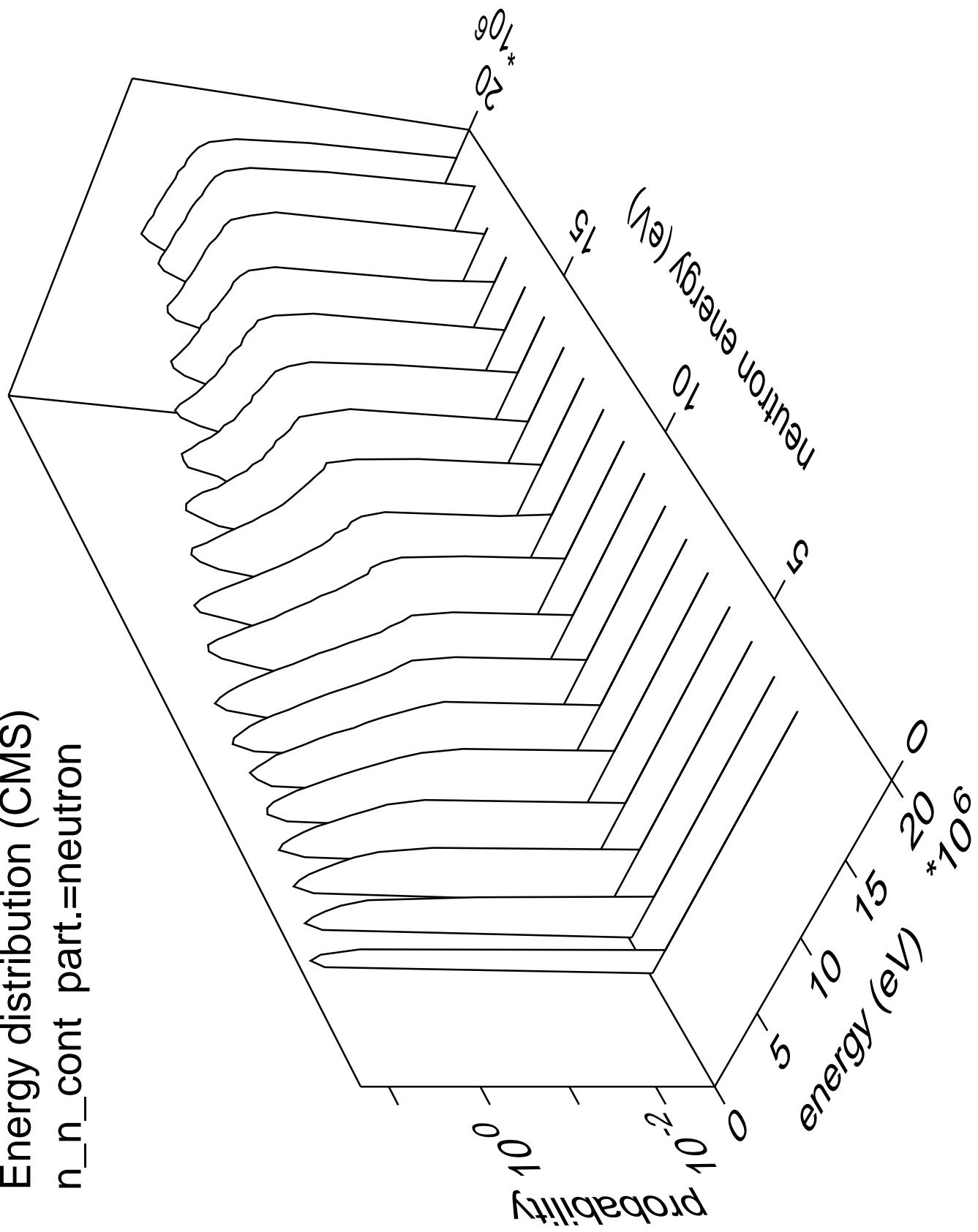
Energy distribution (CMS)
 n_{np} part.=proton

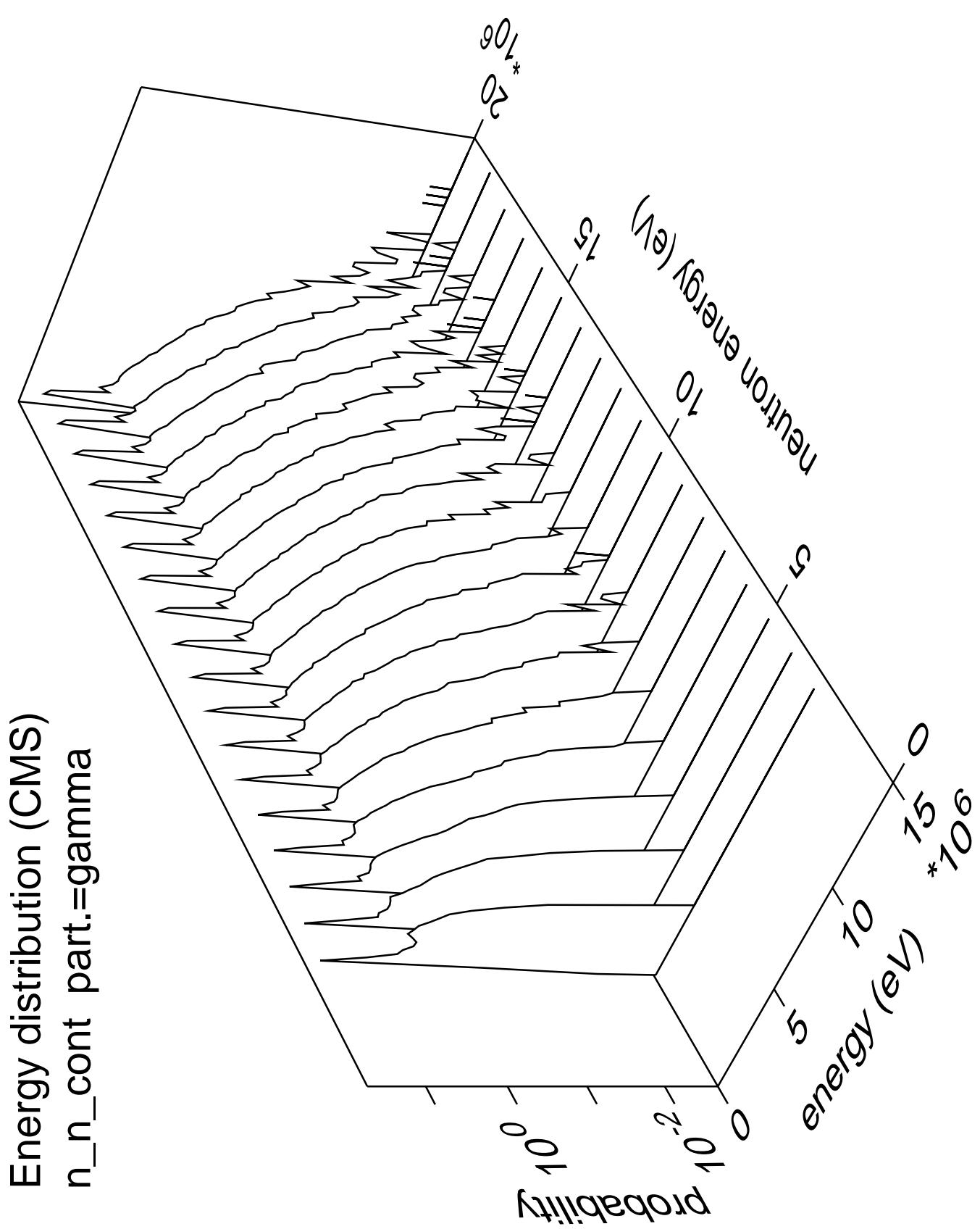


Energy distribution (CMS)
 n_{np} part.=gamma

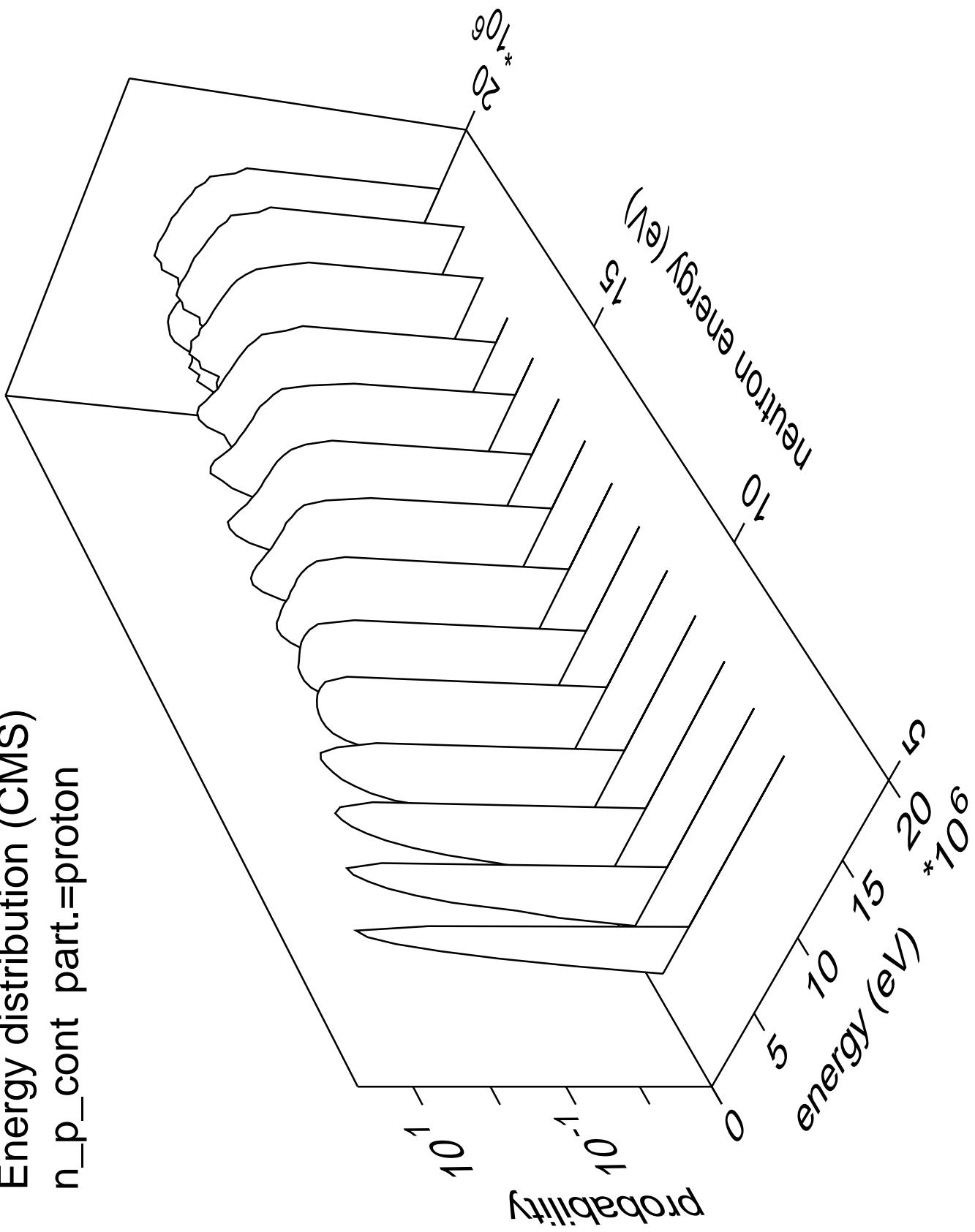


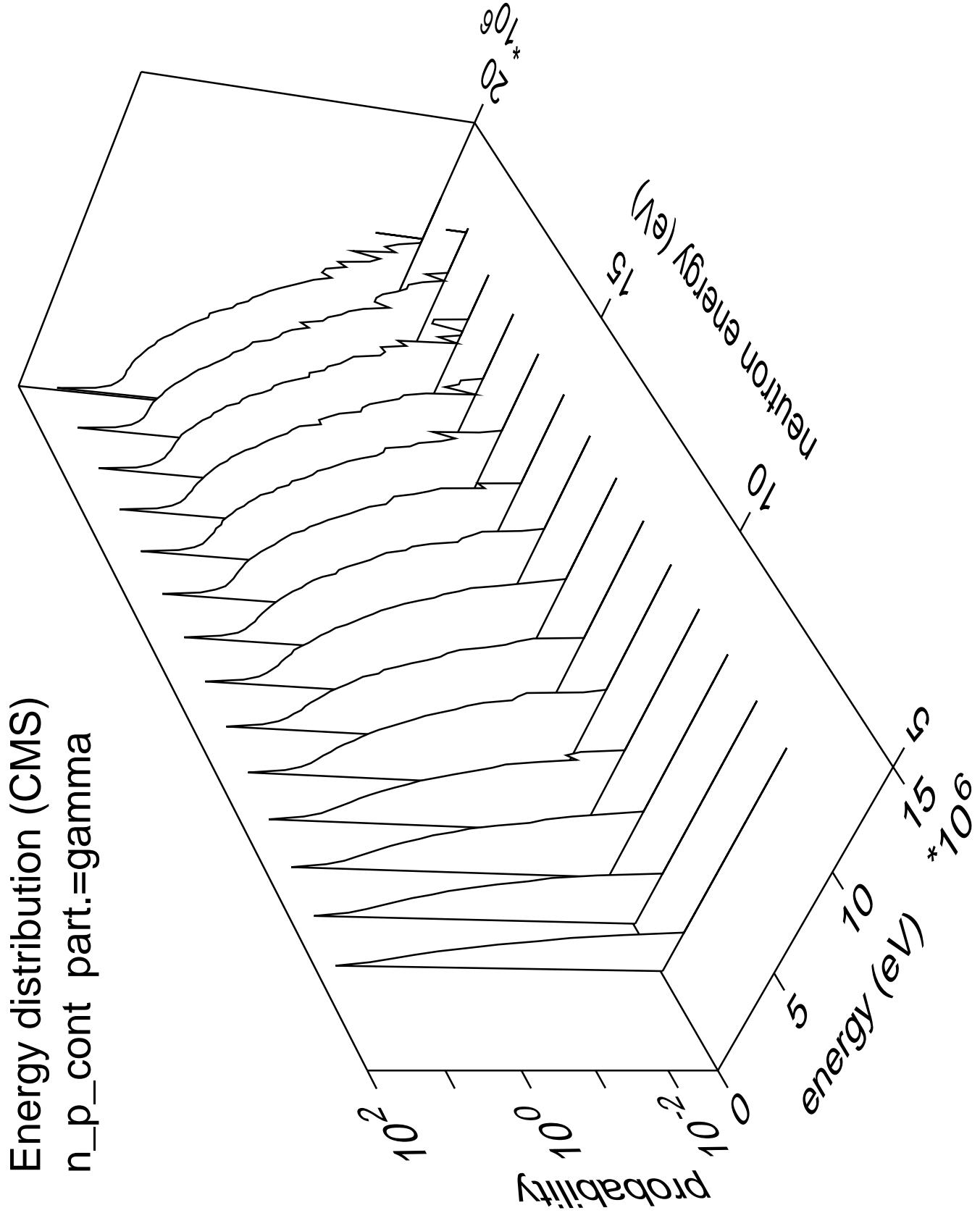
Energy distribution (CMS)
 n_n_{cont} part.=neutron



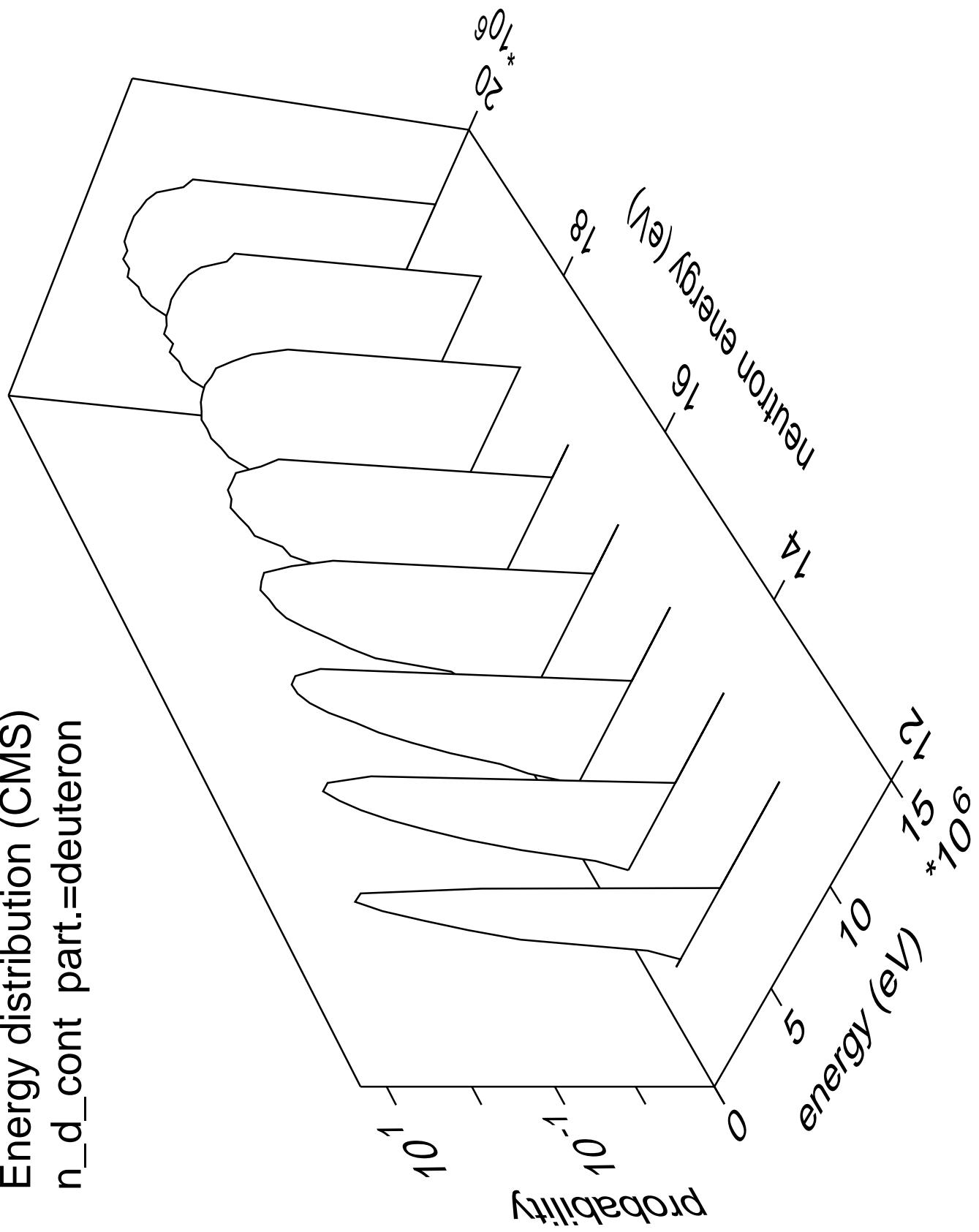


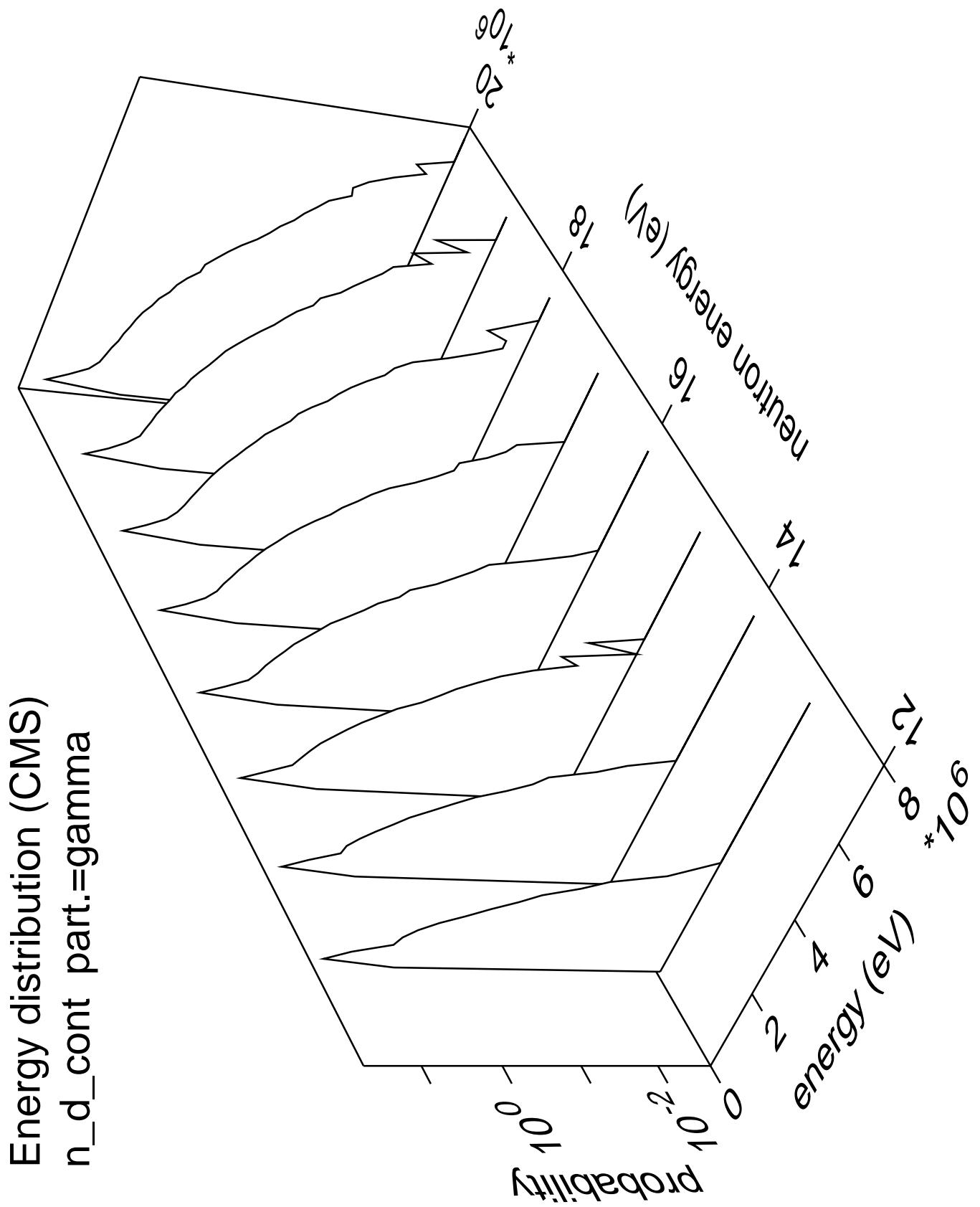
Energy distribution (CMS)
 $n_p_{\text{cont}} \text{ part.} = \text{proton}$



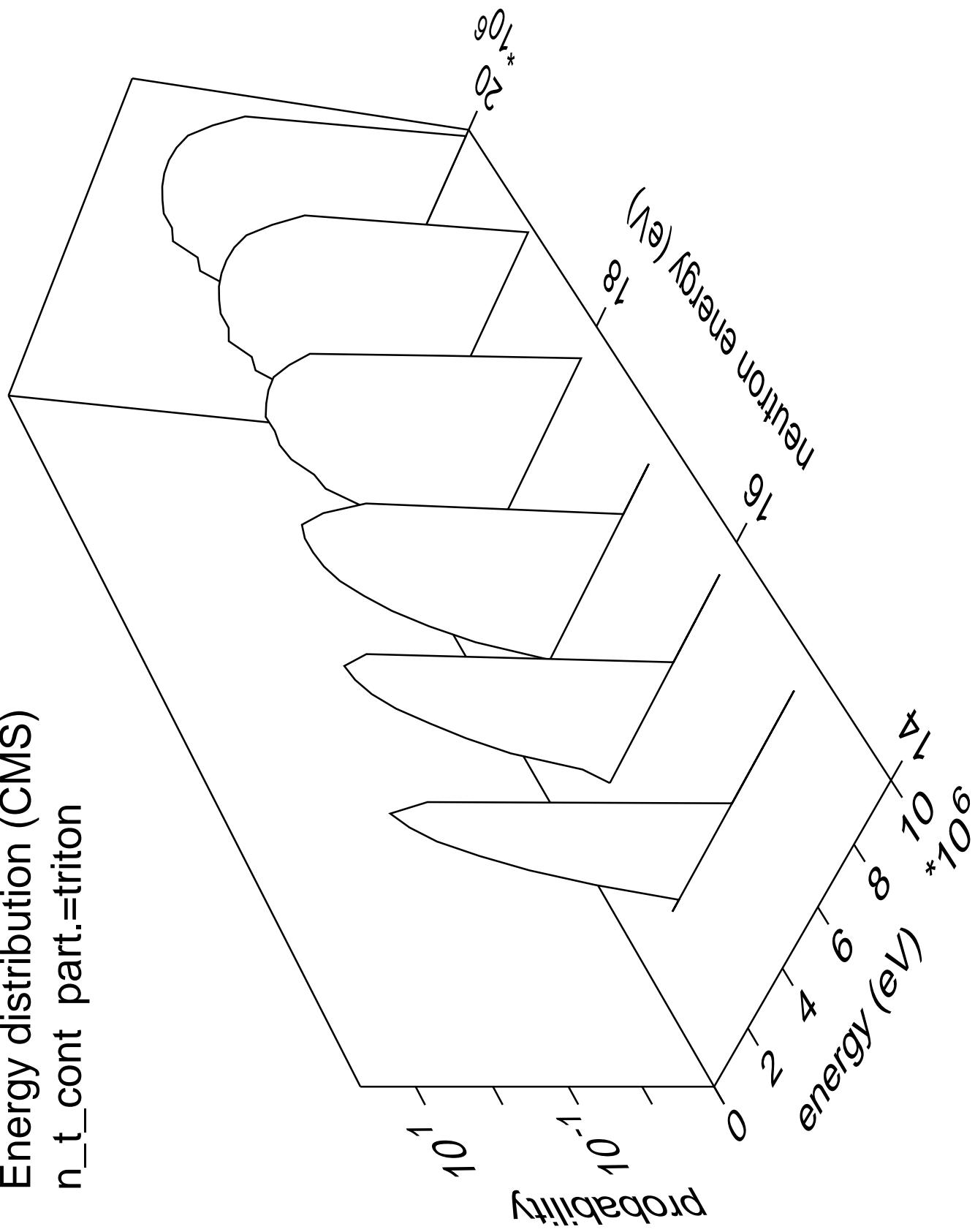


Energy distribution (CMS)
 n_d cont part.=deuteron

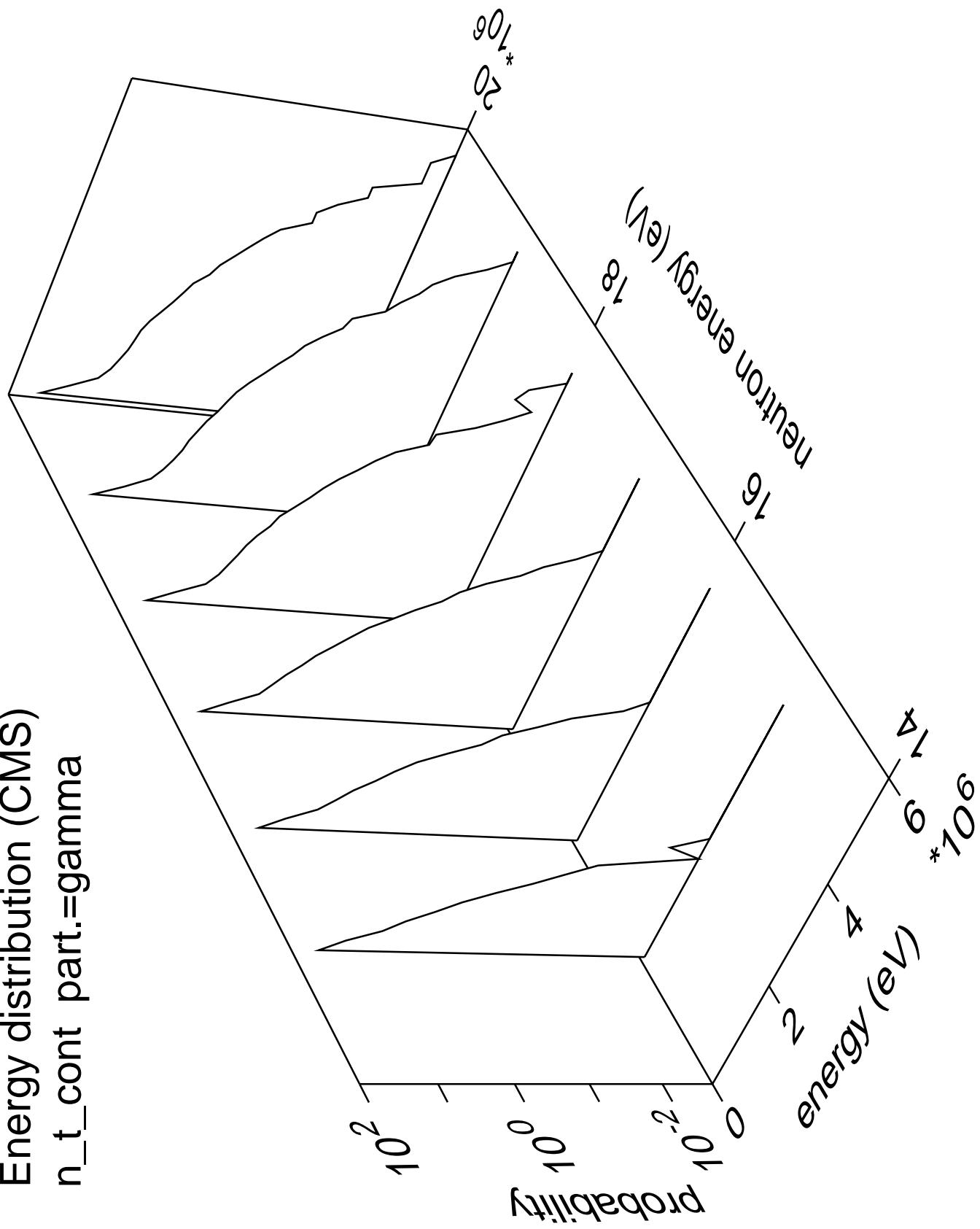




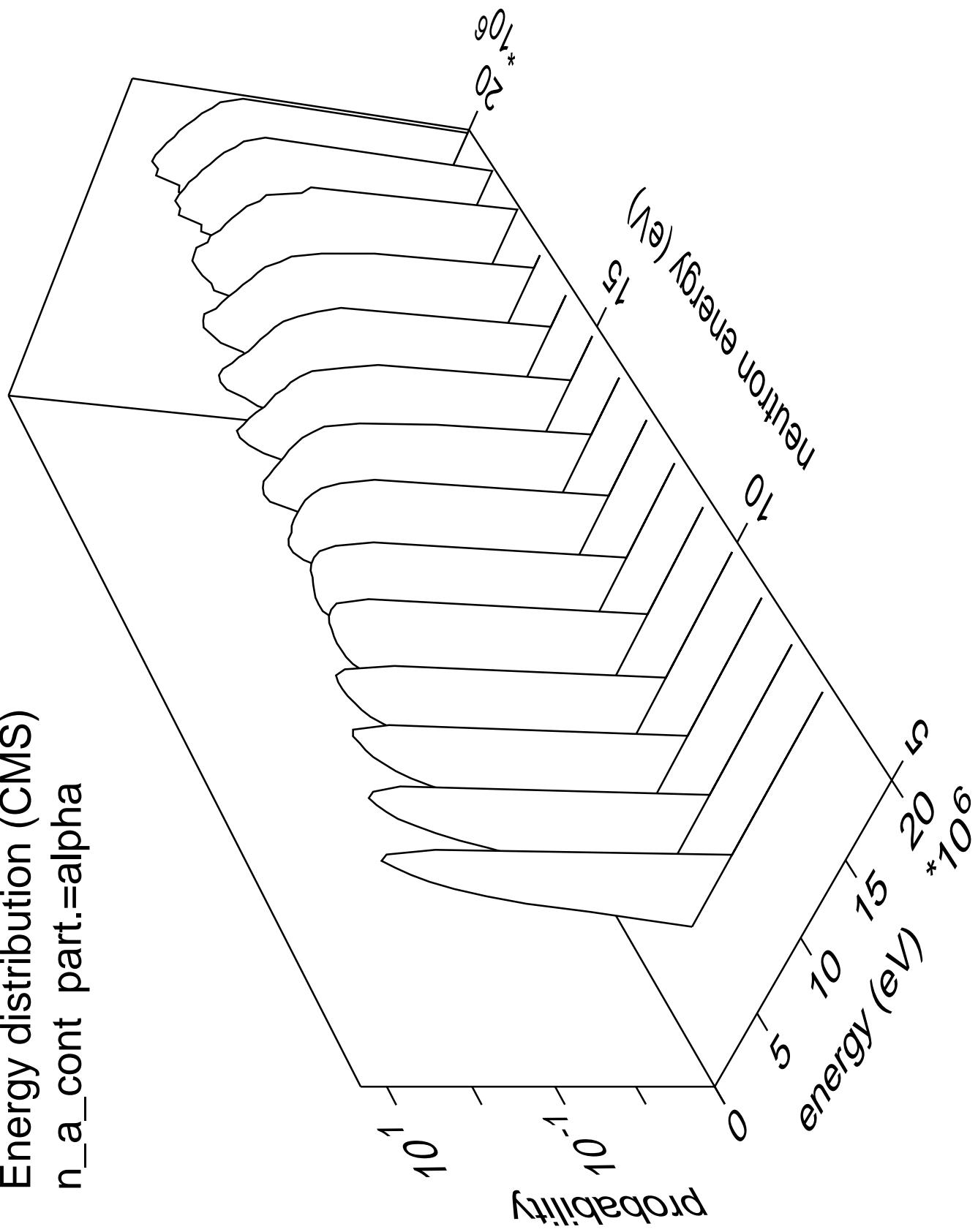
Energy distribution (CMS)
 n_t cont part.=triton

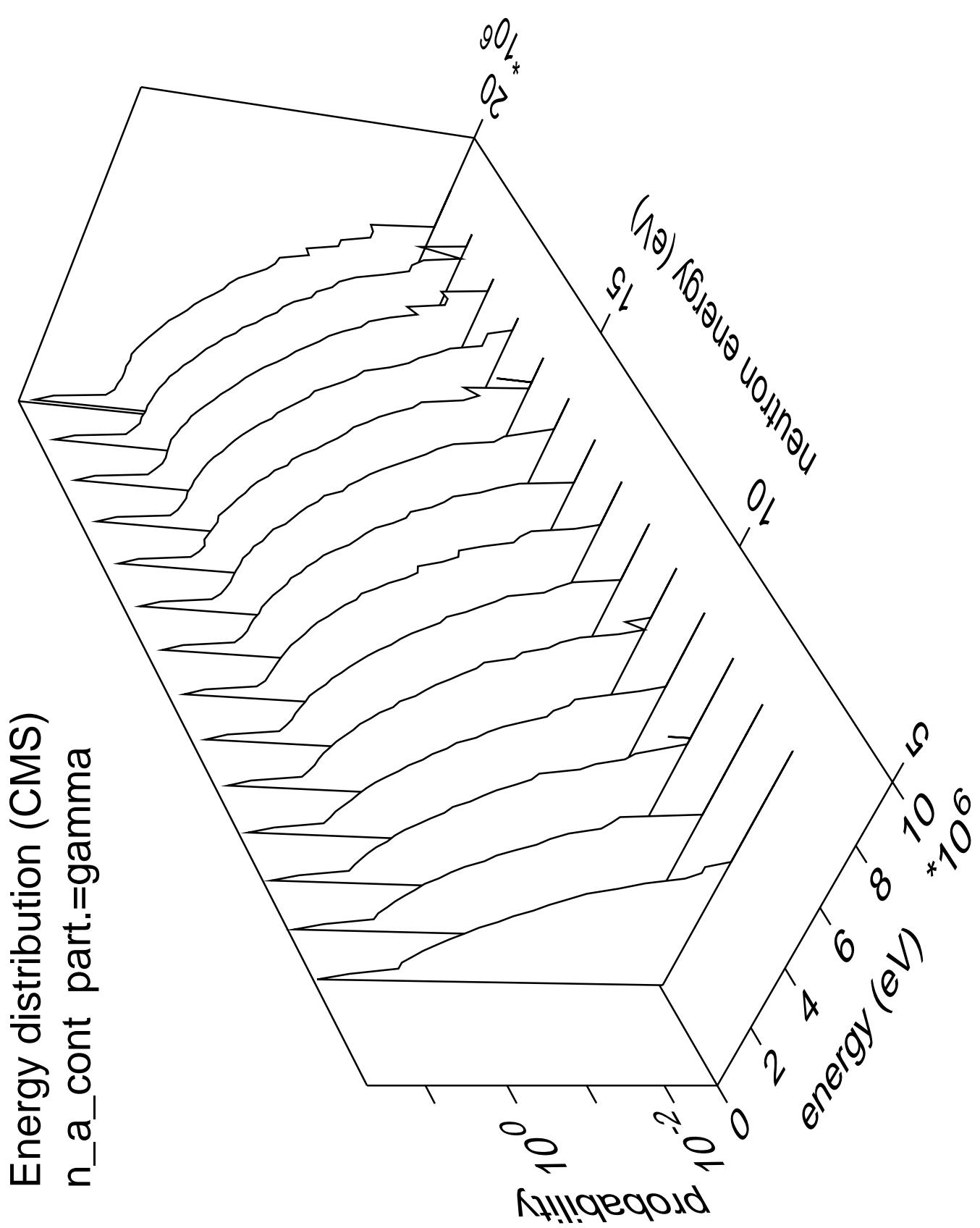


Energy distribution (CMS)
 n_t cont part.=gamma

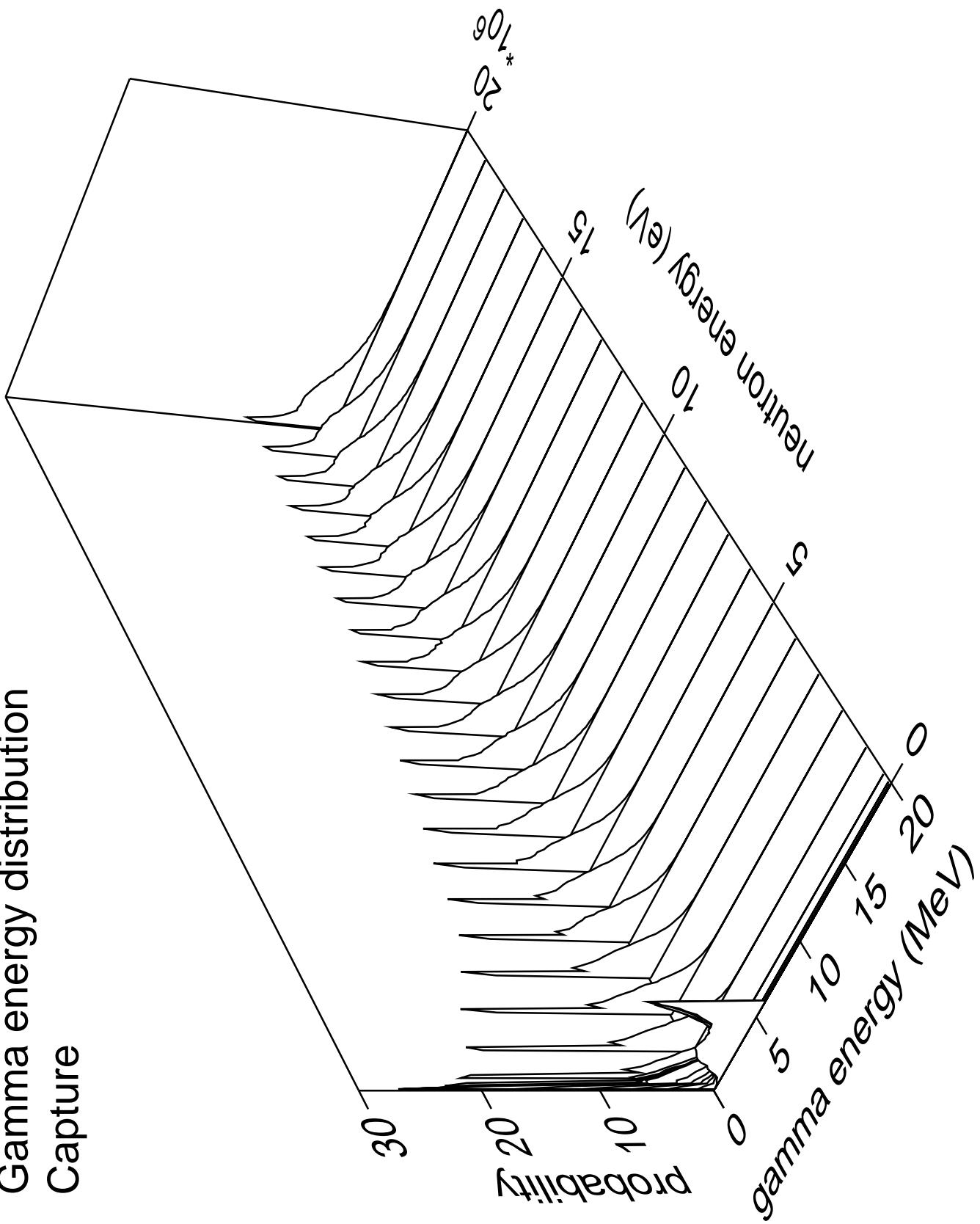


Energy distribution (CMS)
n_a_cont part.=alpha

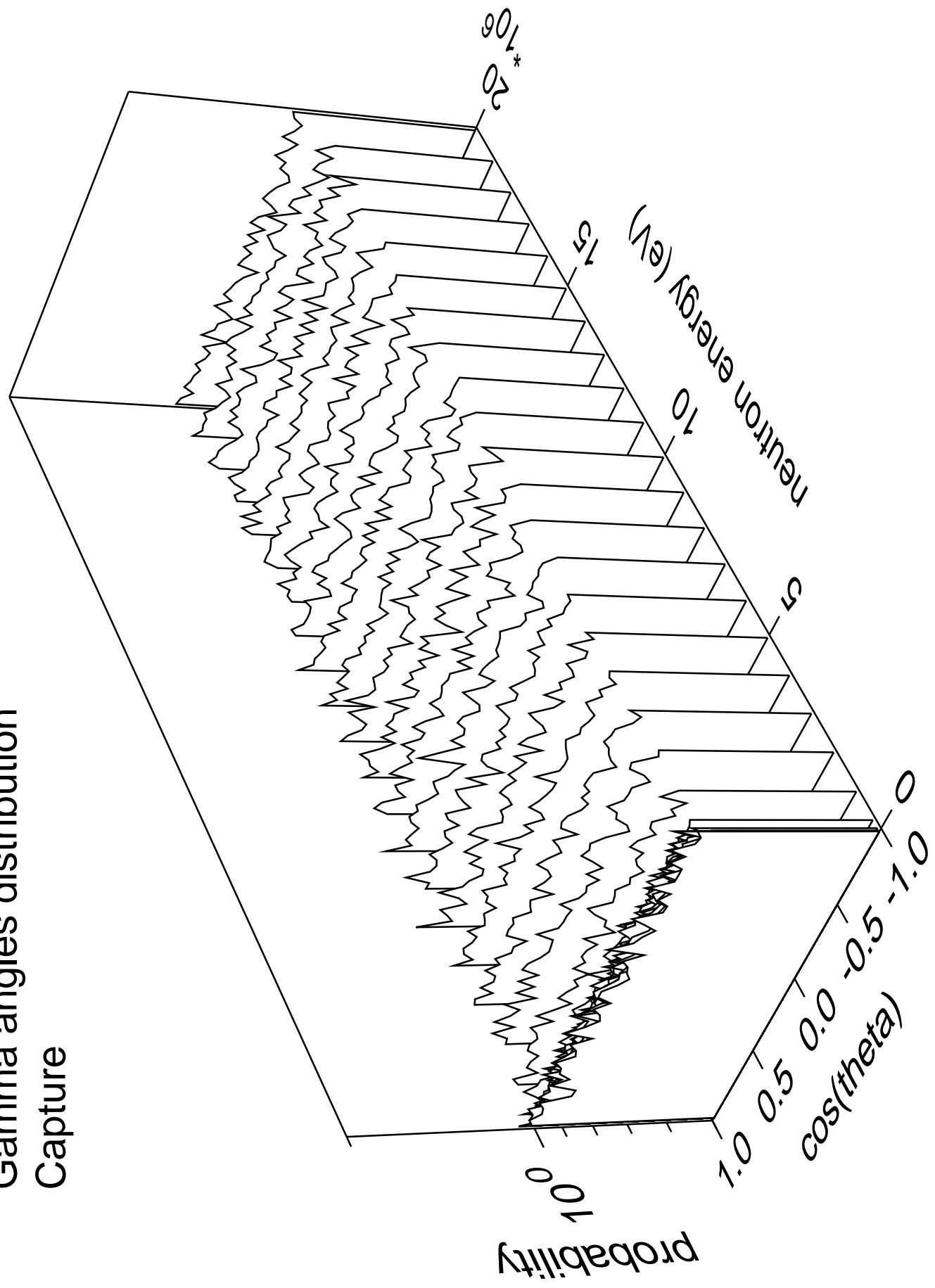




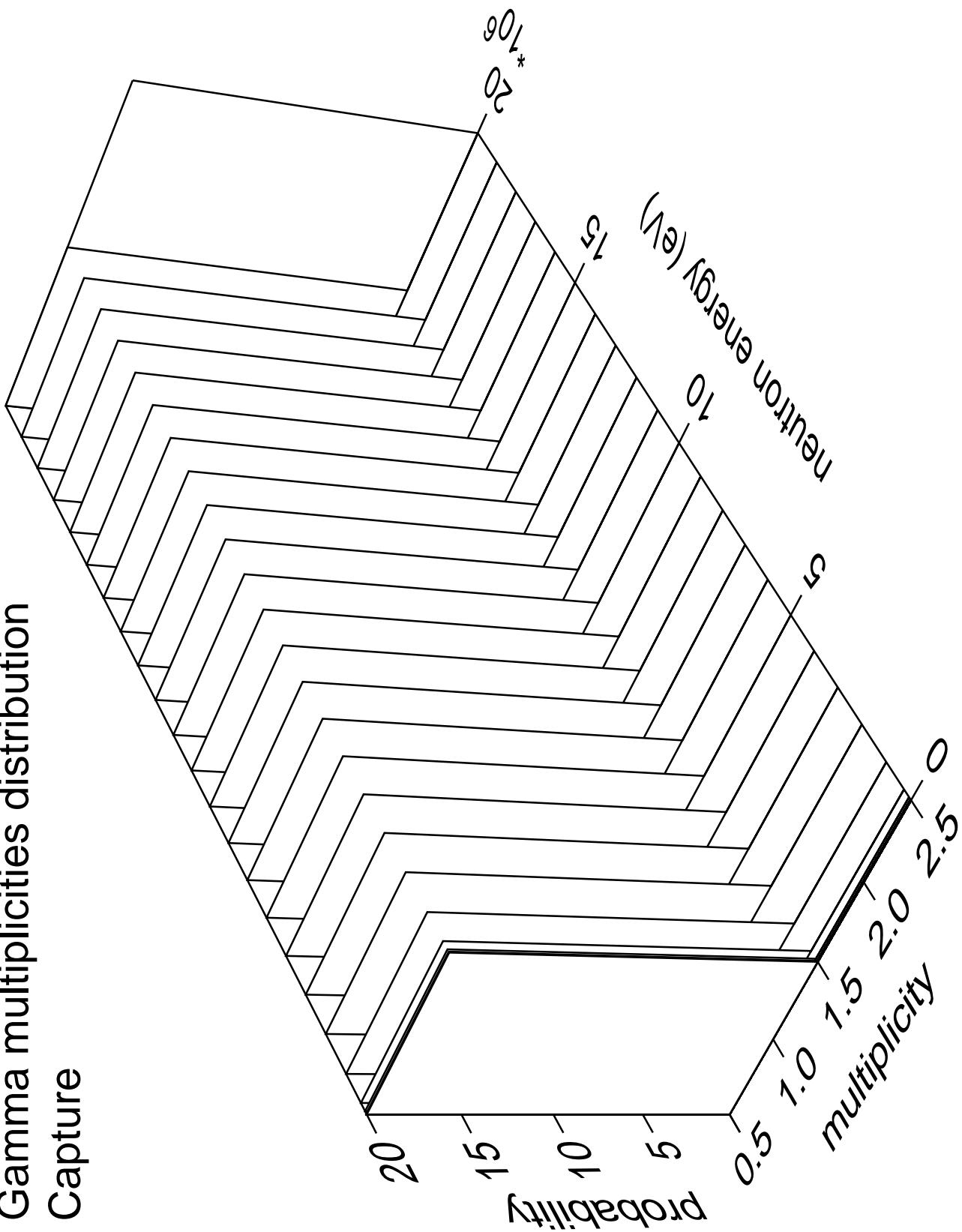
Gamma energy distribution Capture

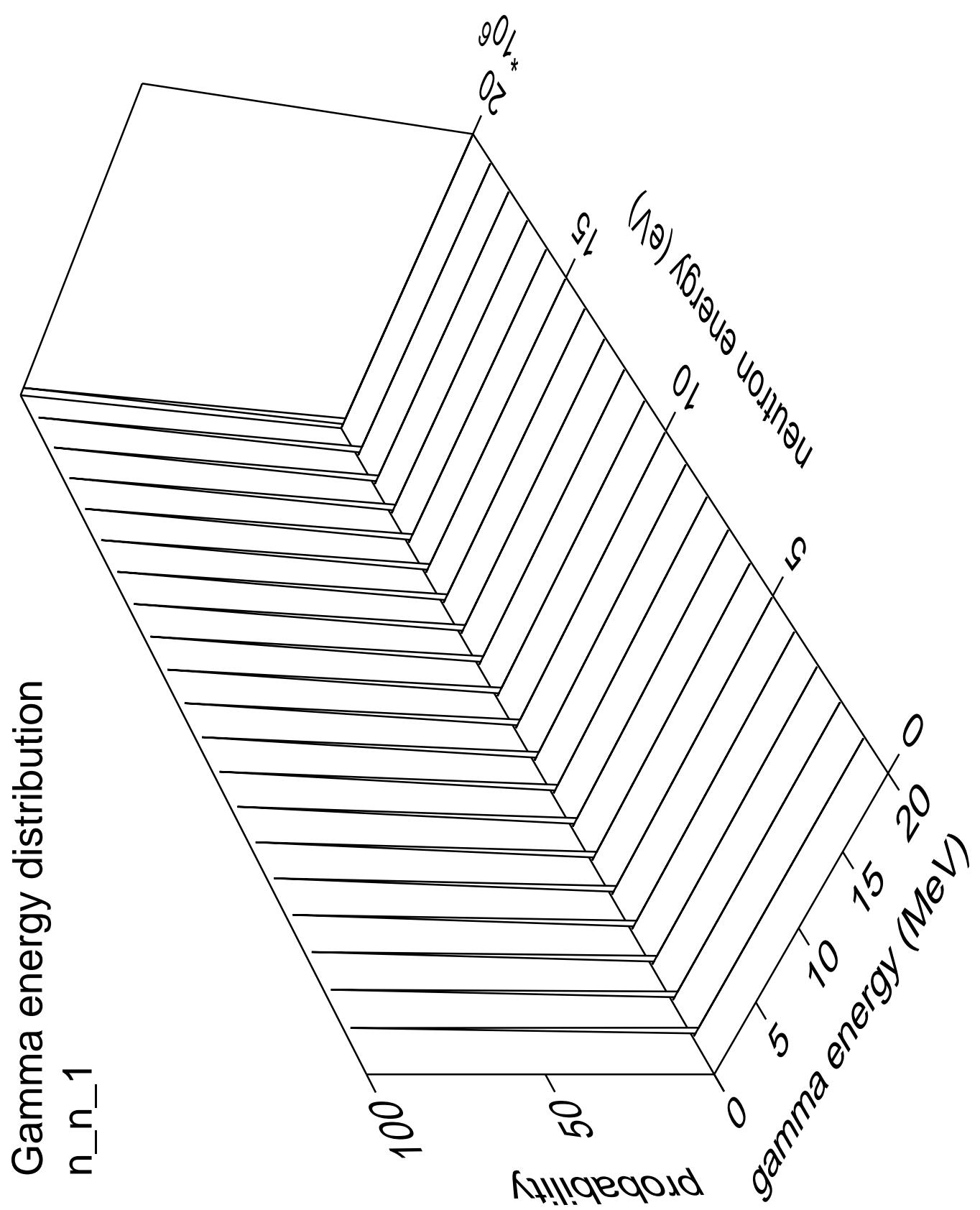


Gamma angles distribution Capture



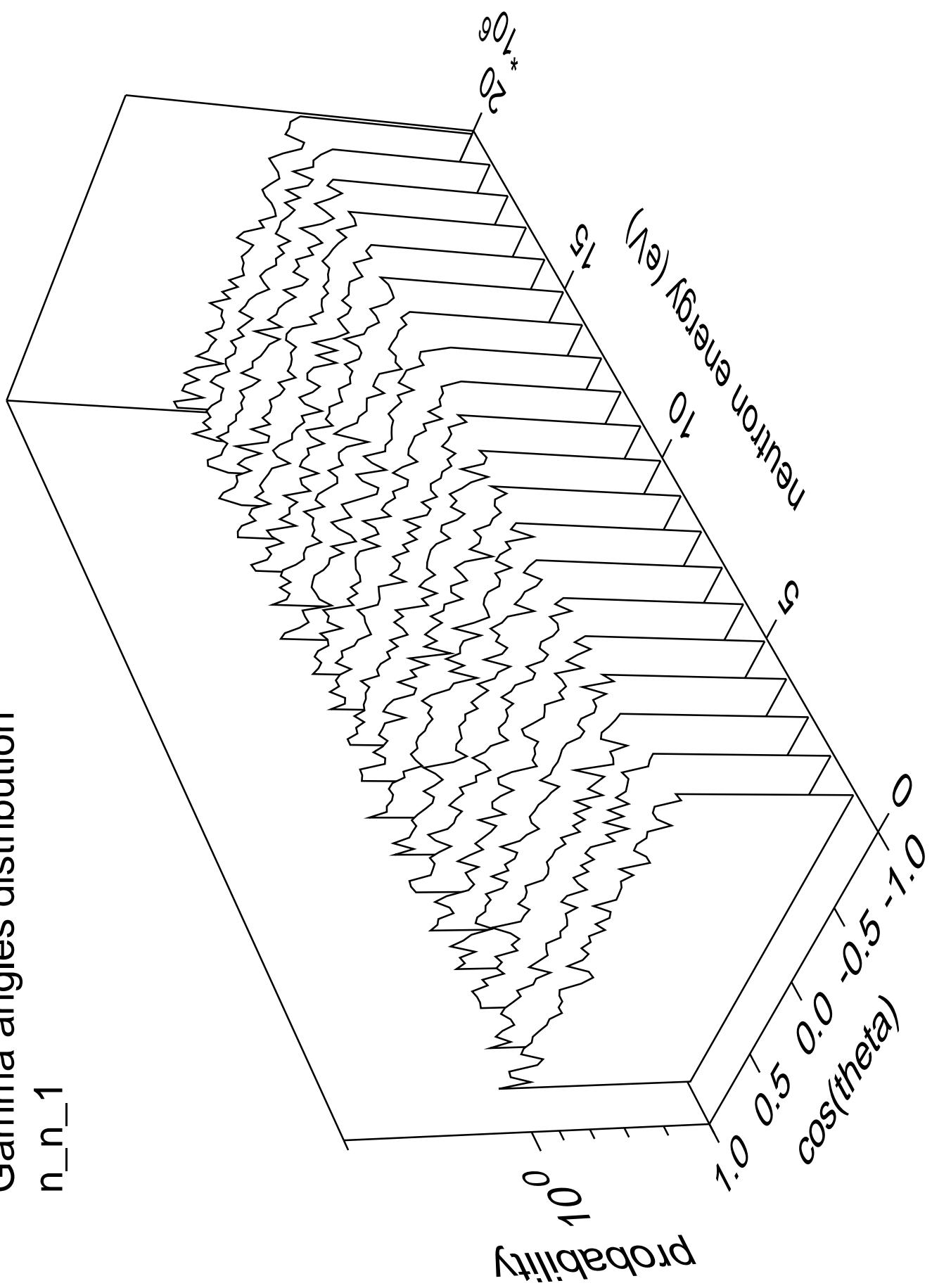
Gamma multiplicities distribution Capture



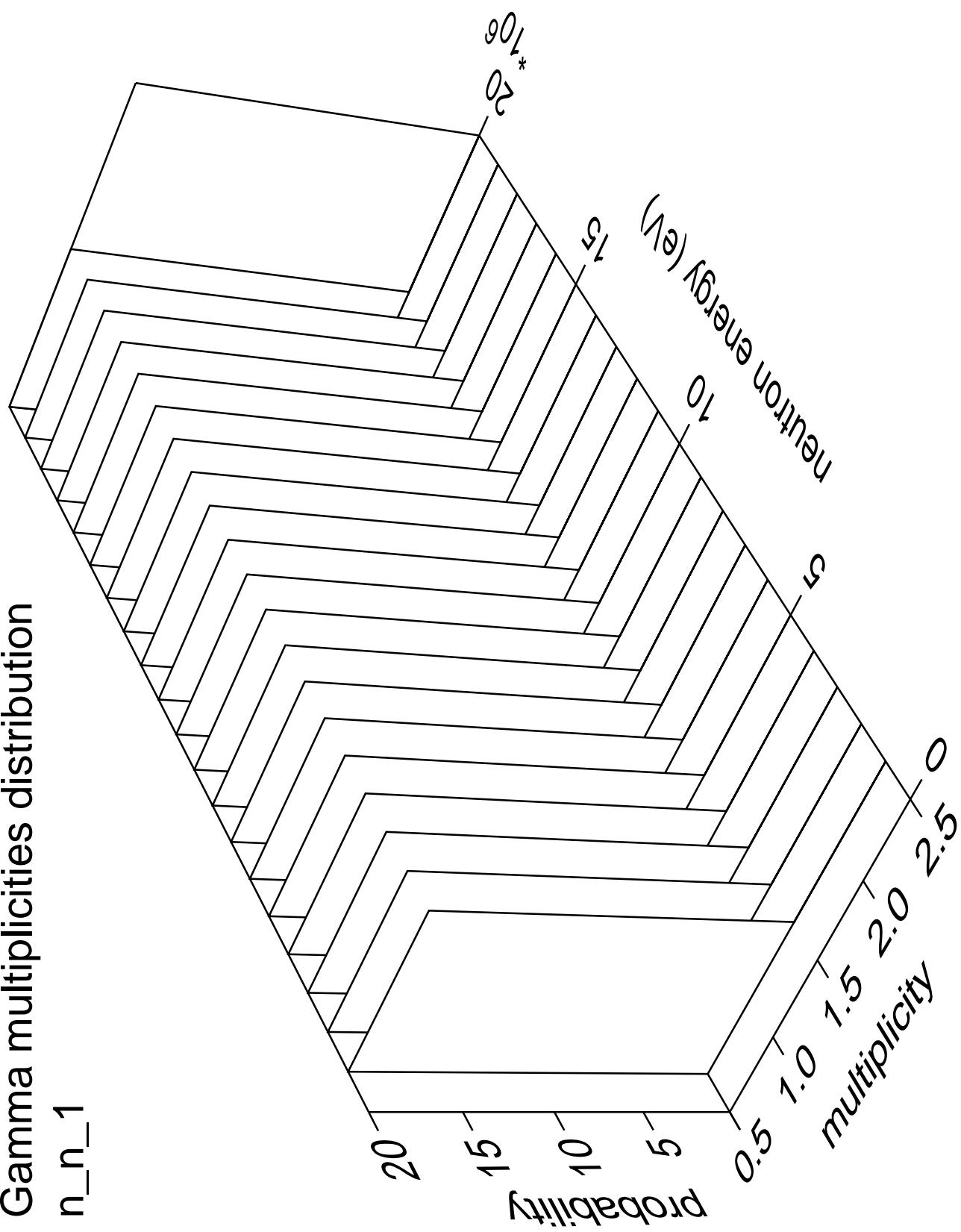


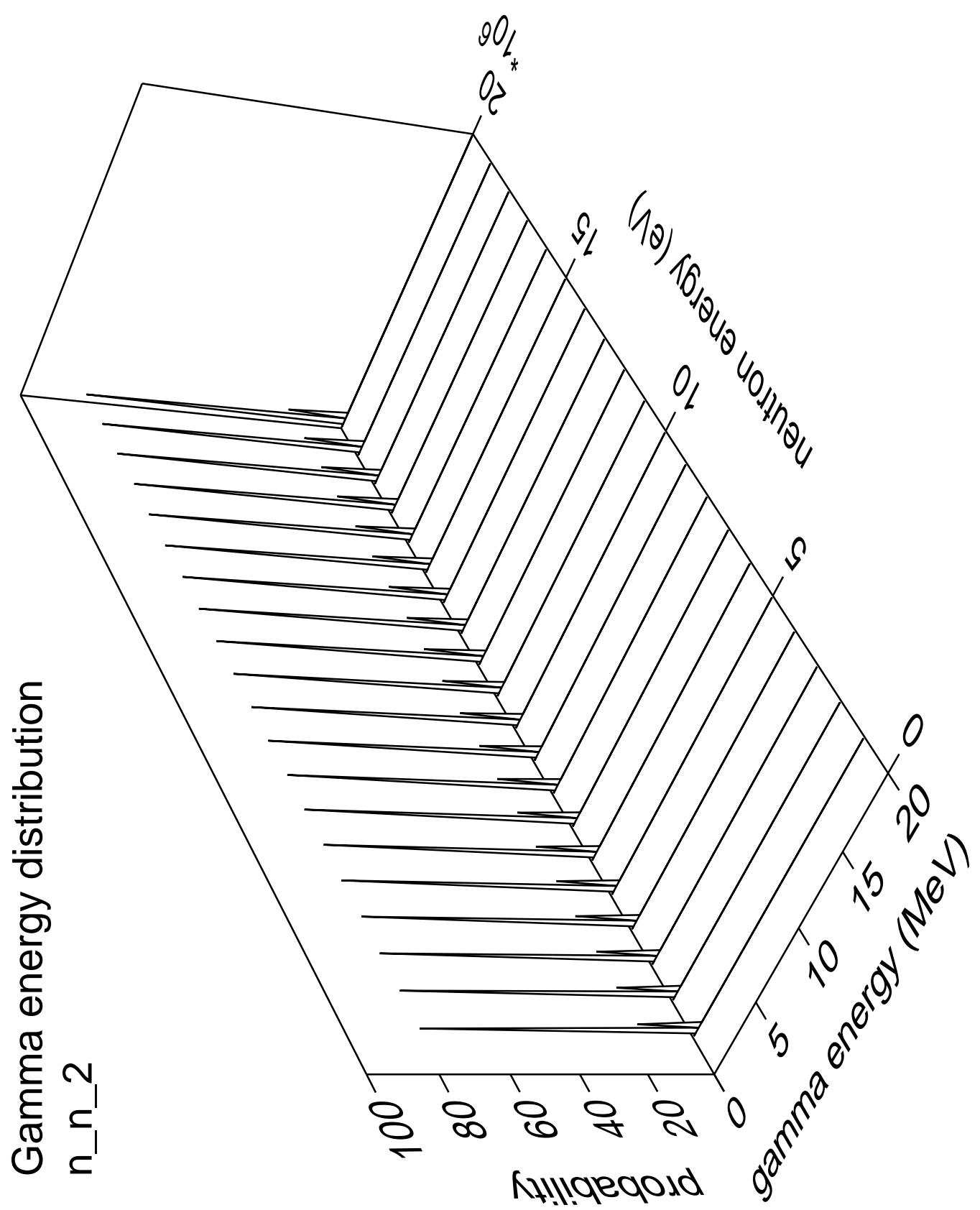
Gamma angles distribution

n_{n_1}



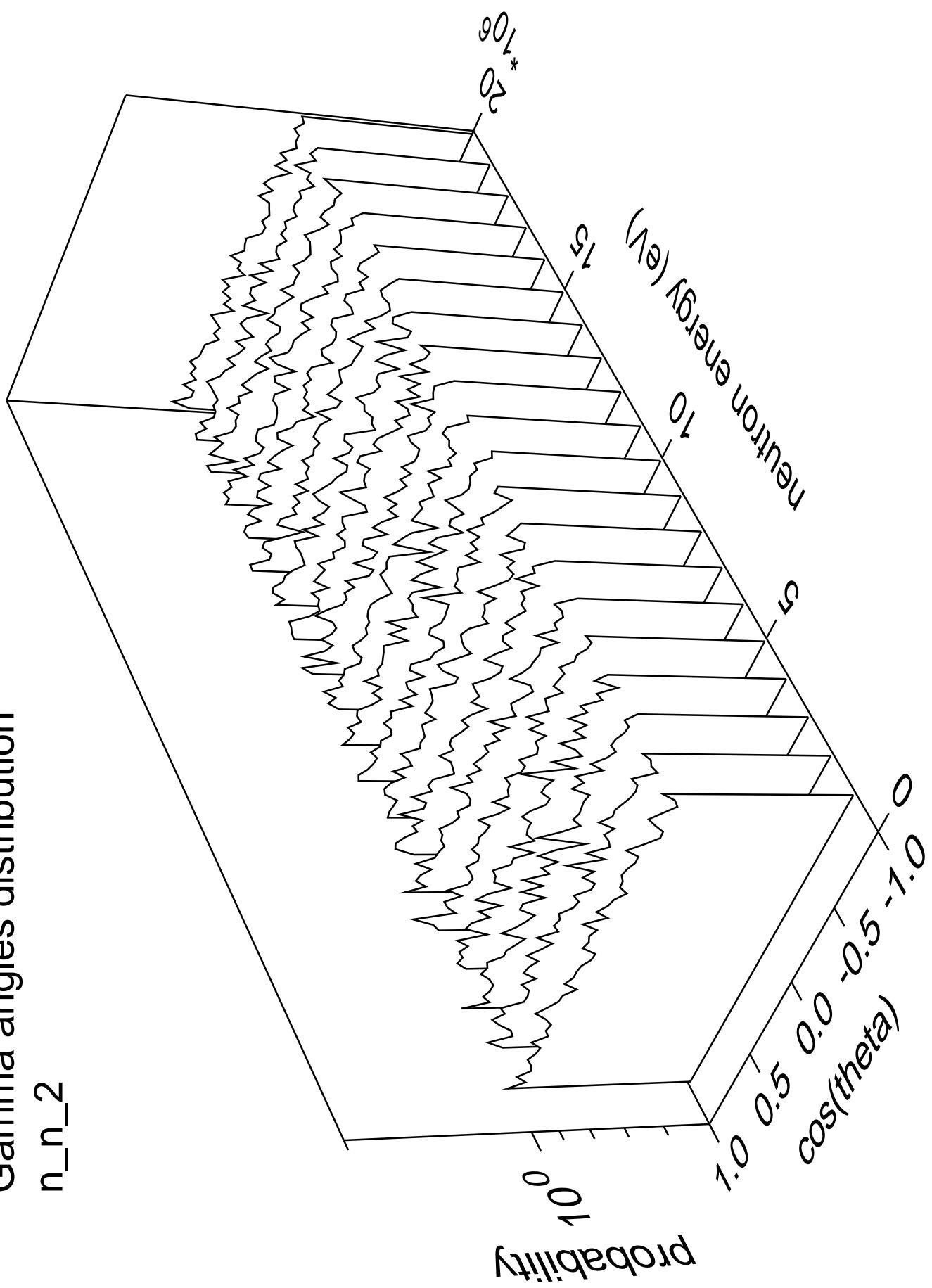
Gamma multiplicities distribution

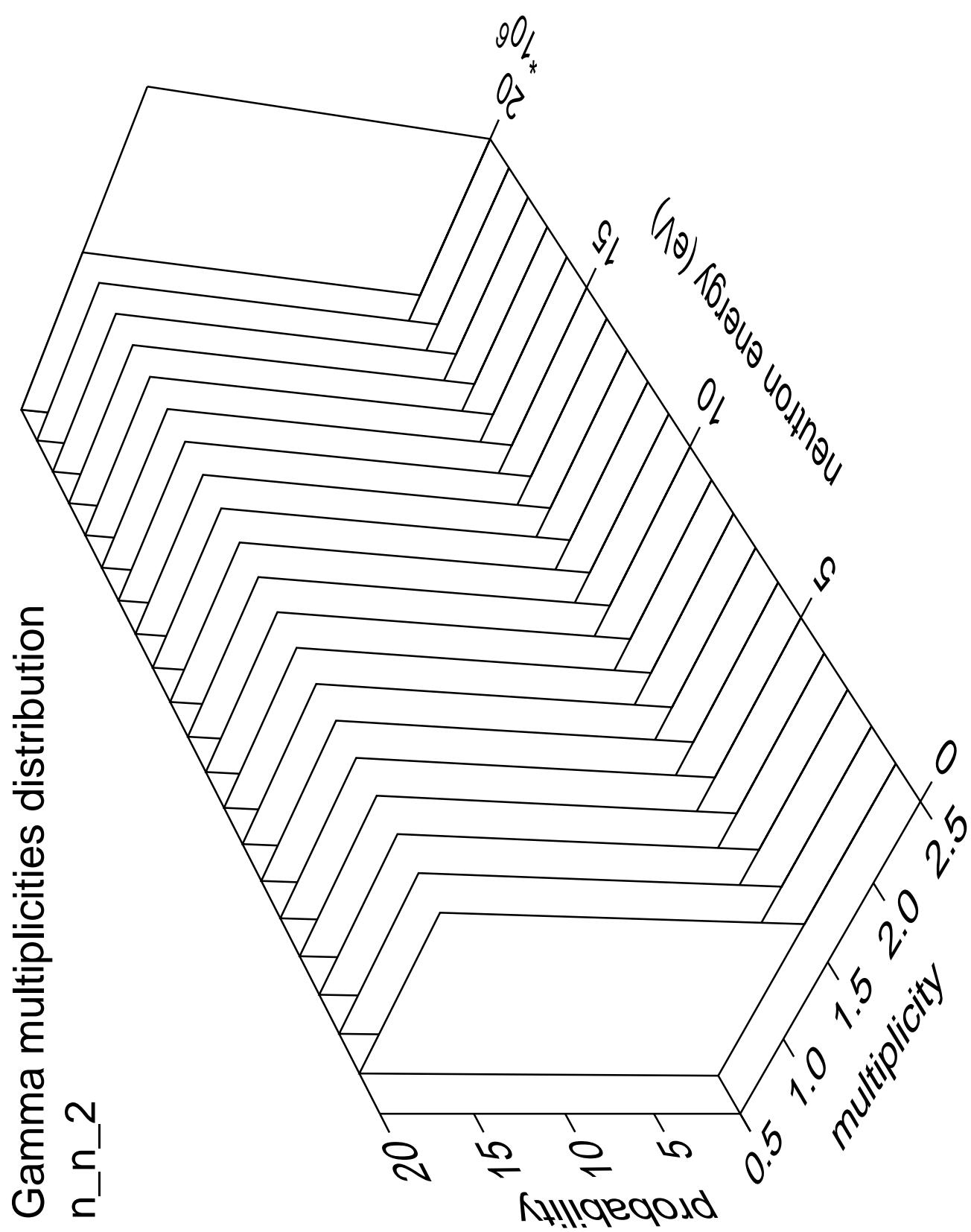




Gamma angles distribution

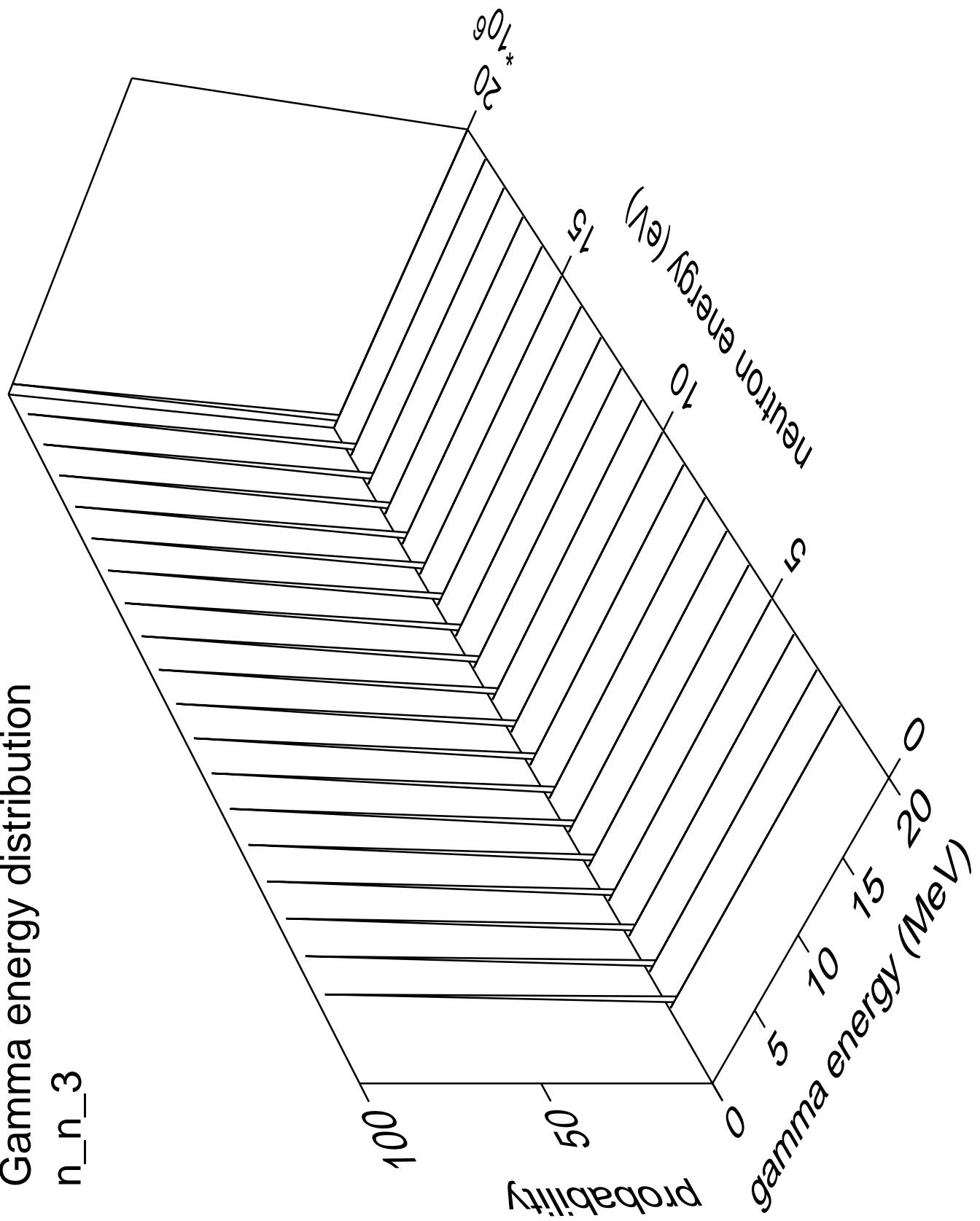
n_n_2





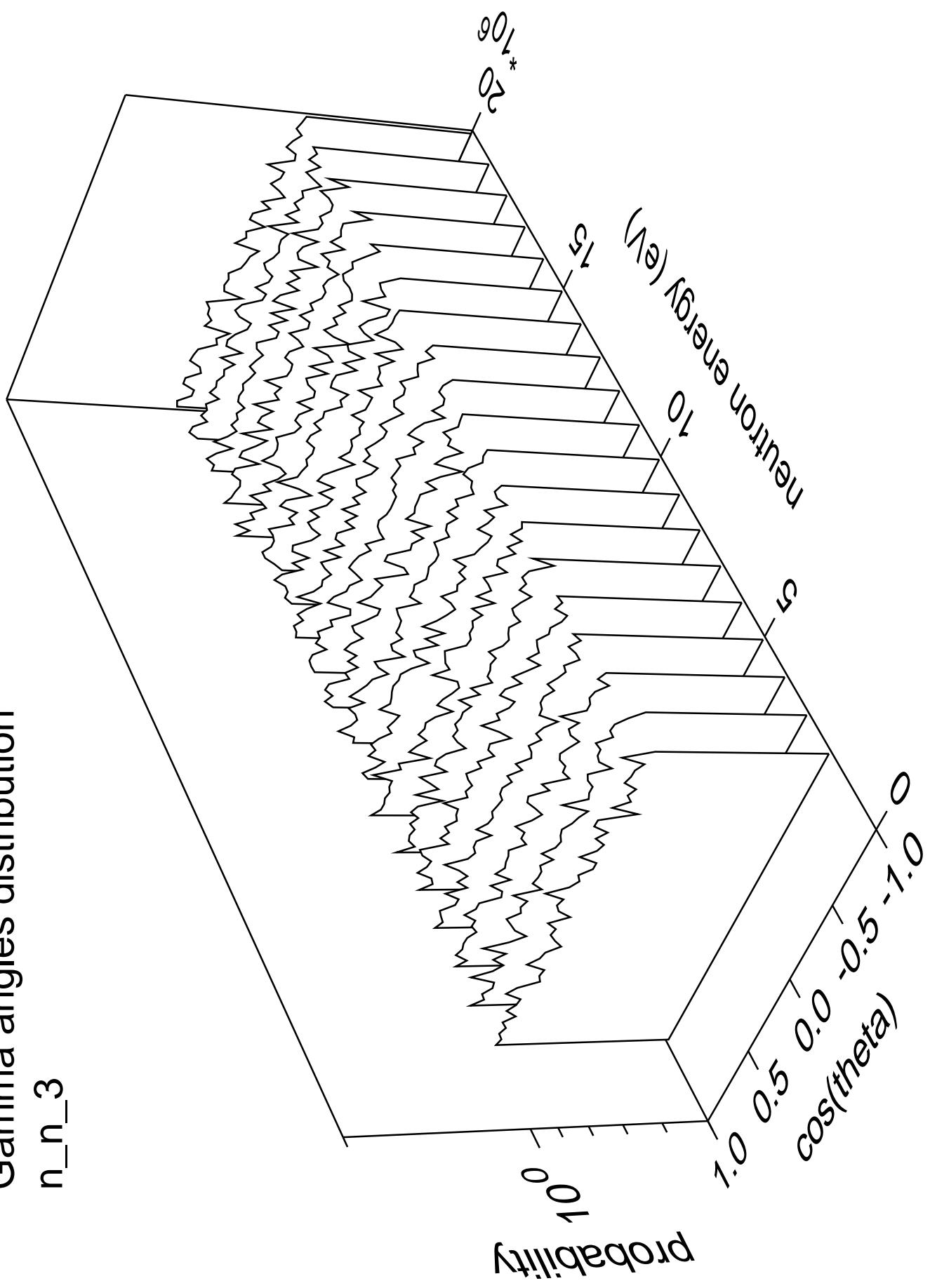
Gamma energy distribution

n_n_3

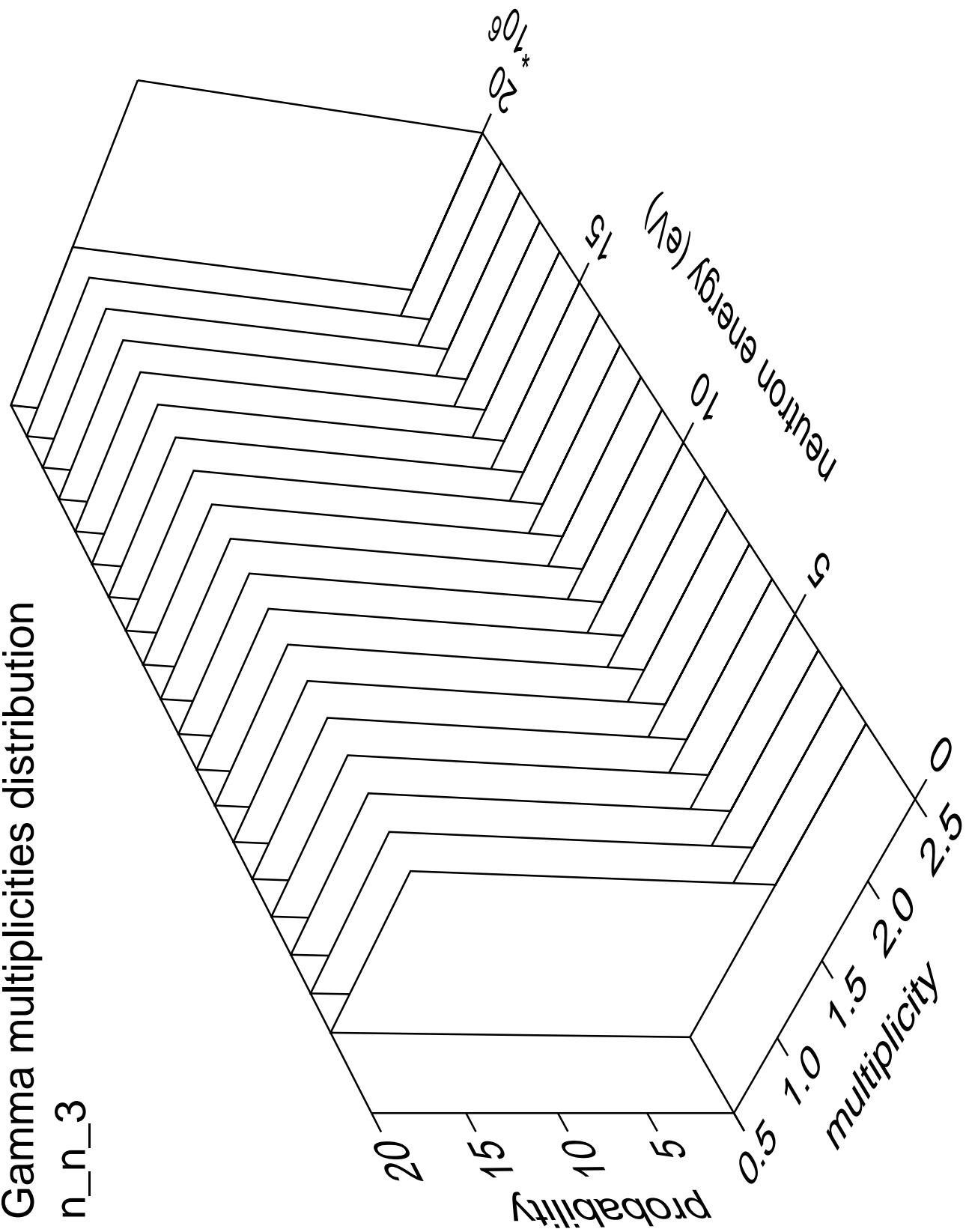


Gamma angles distribution

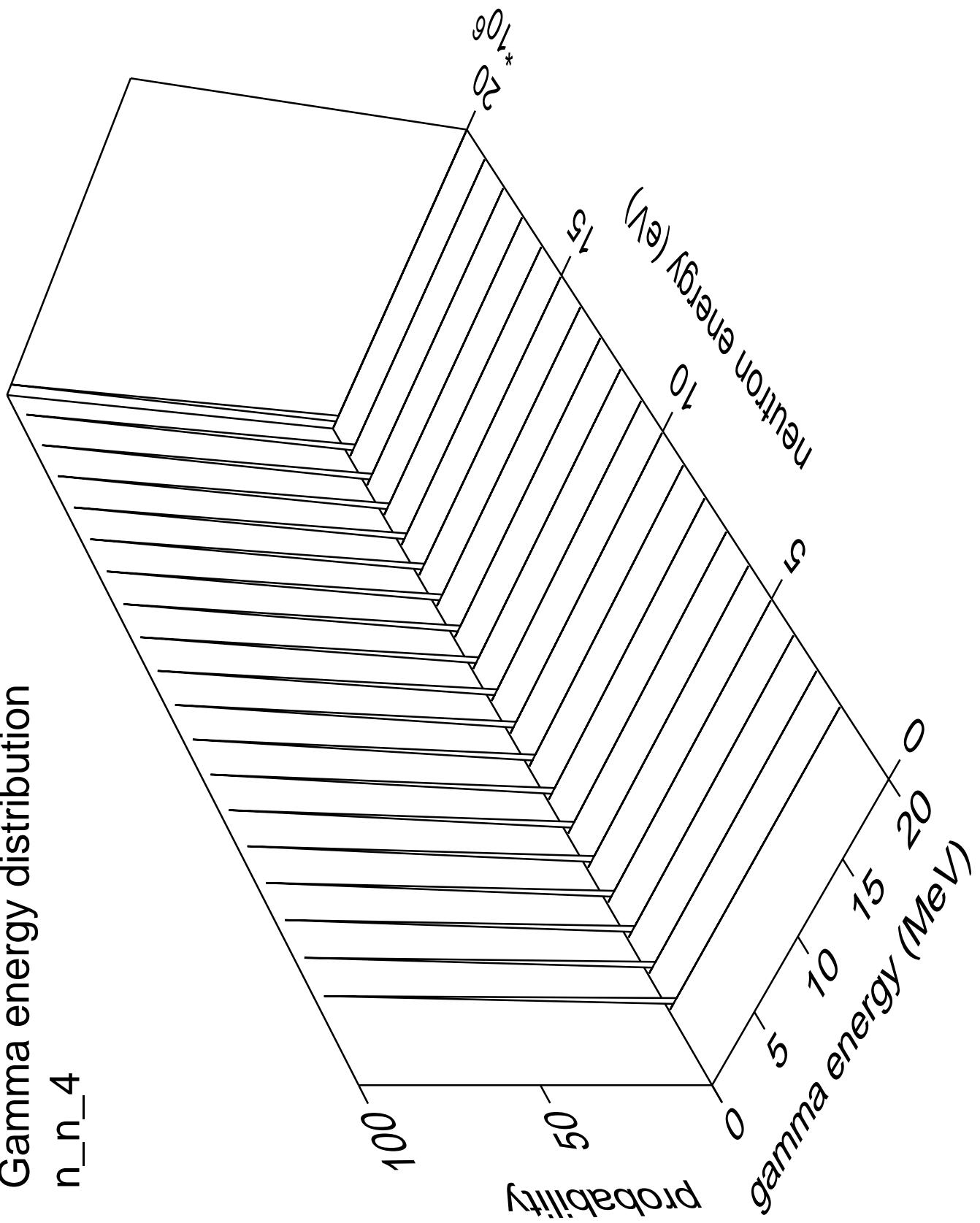
n_n_3



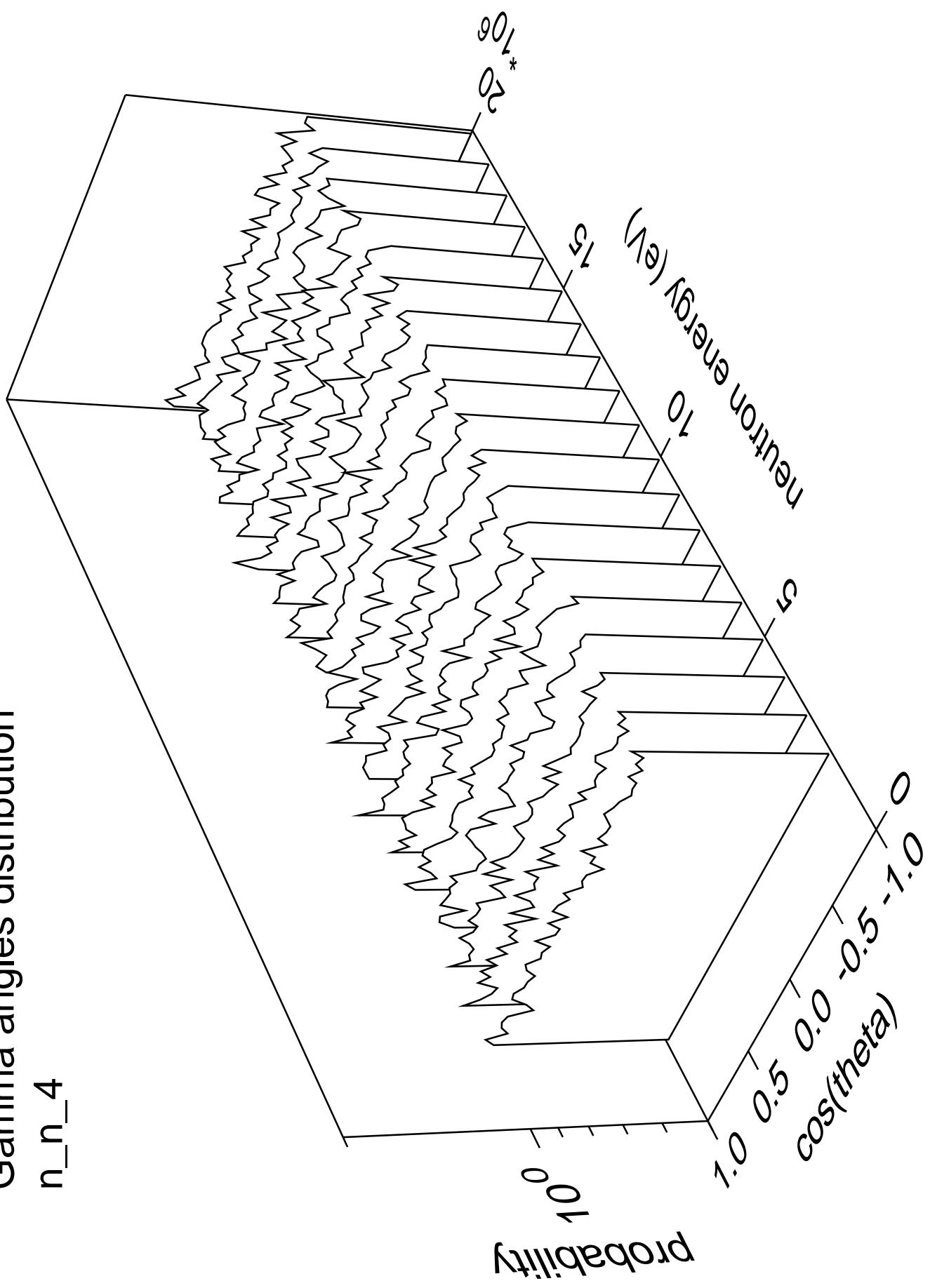
Gamma multiplicities distribution



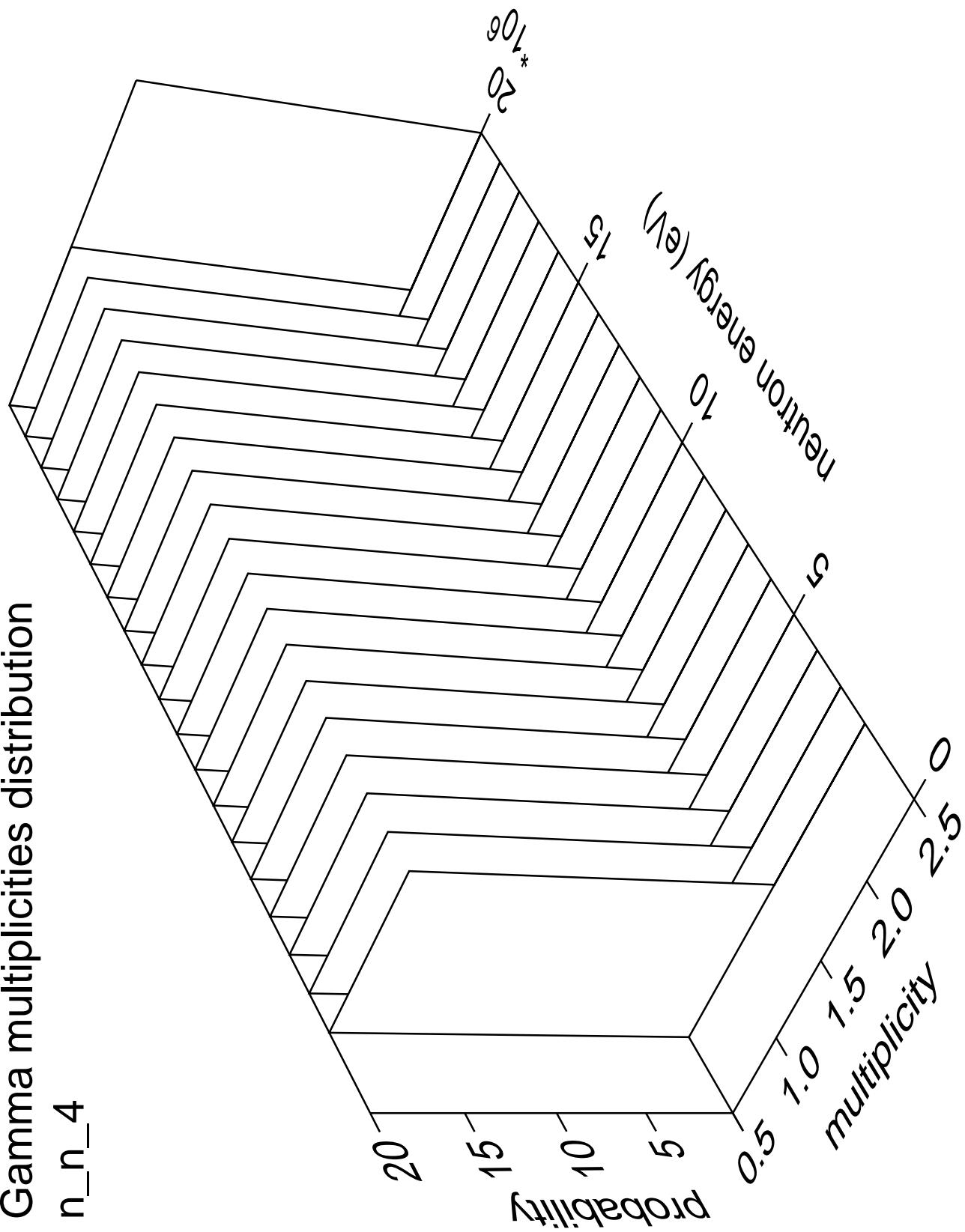
Gamma energy distribution n_n_4



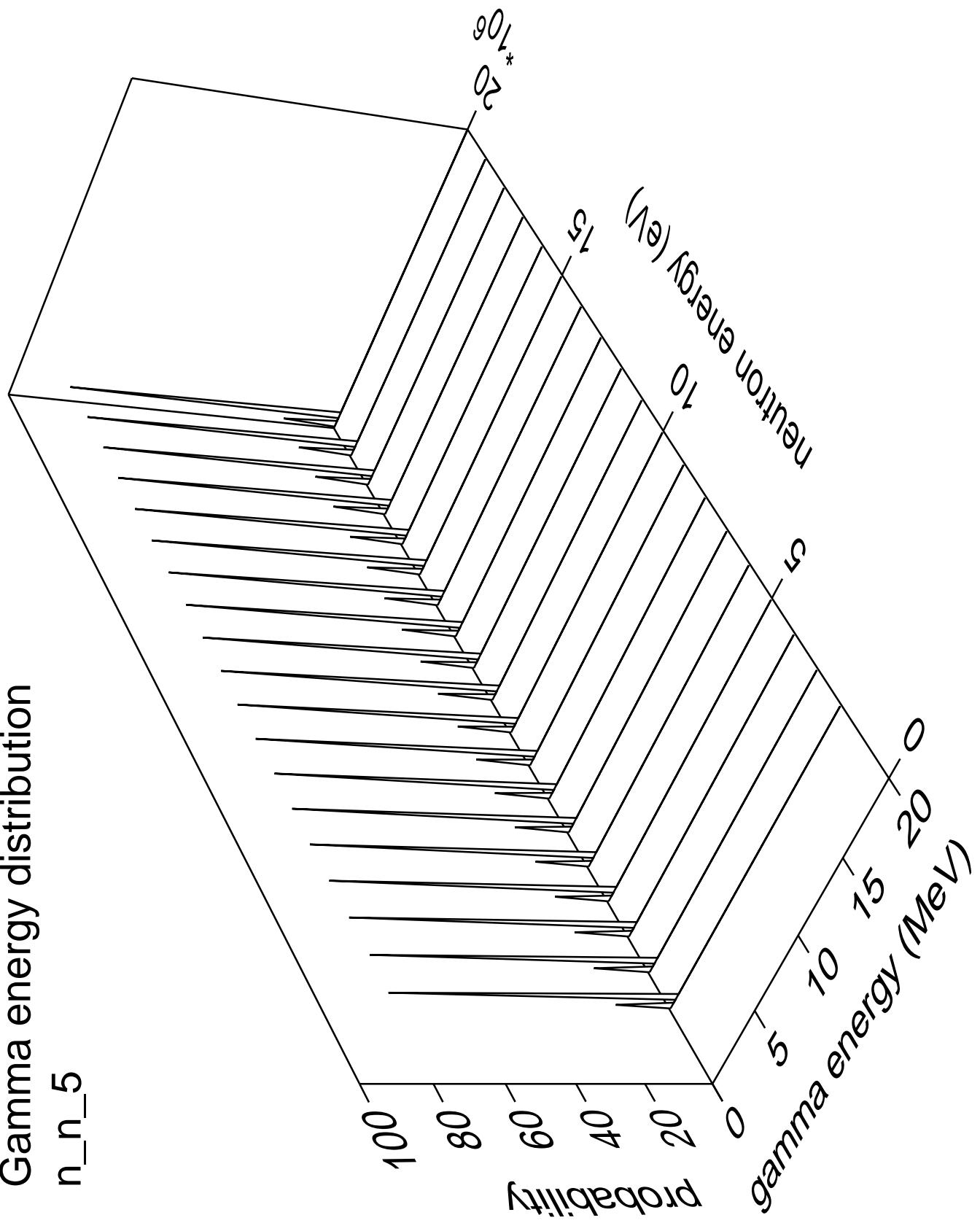
Gamma angles distribution



Gamma multiplicities distribution

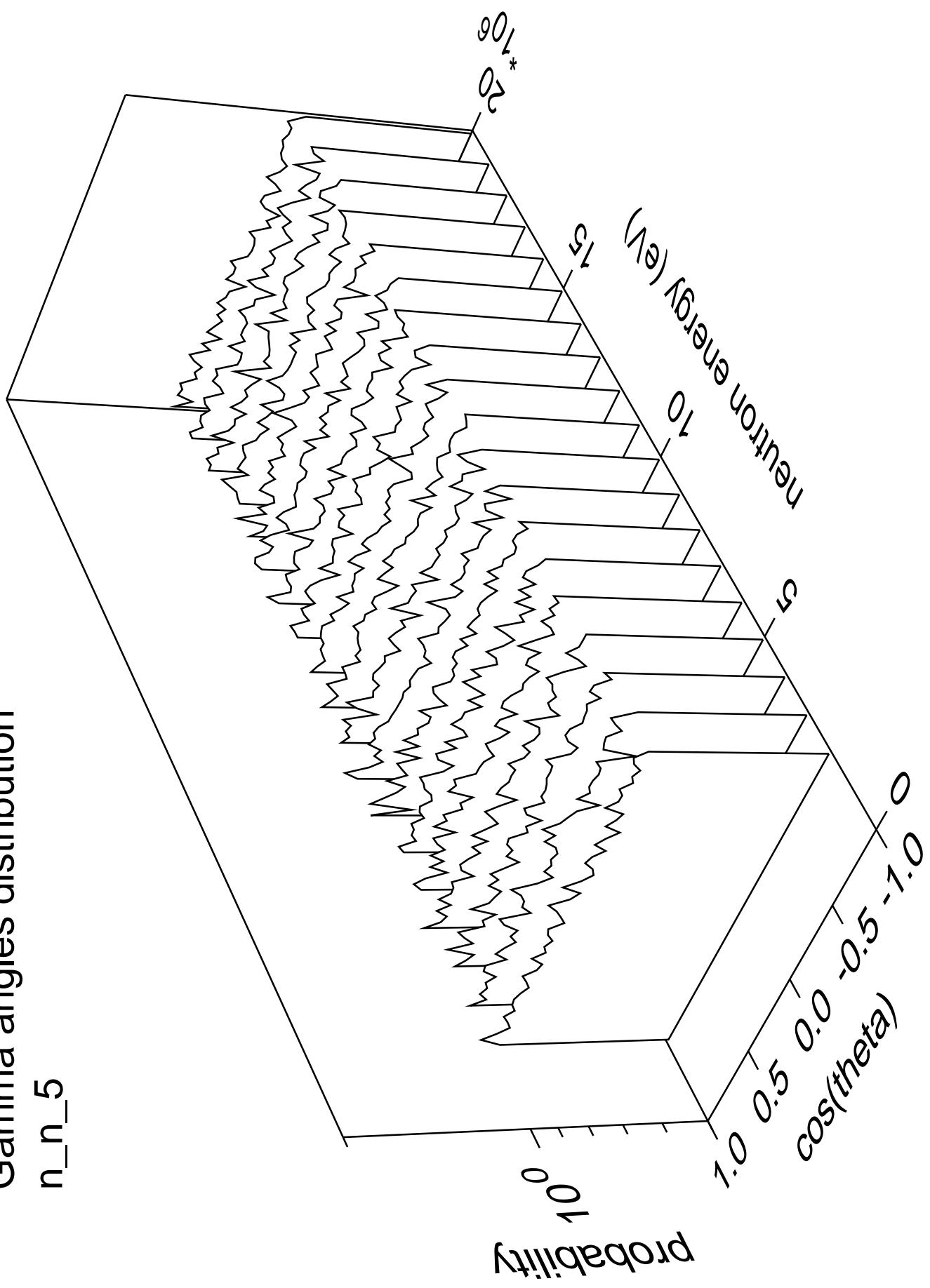


n_n_5

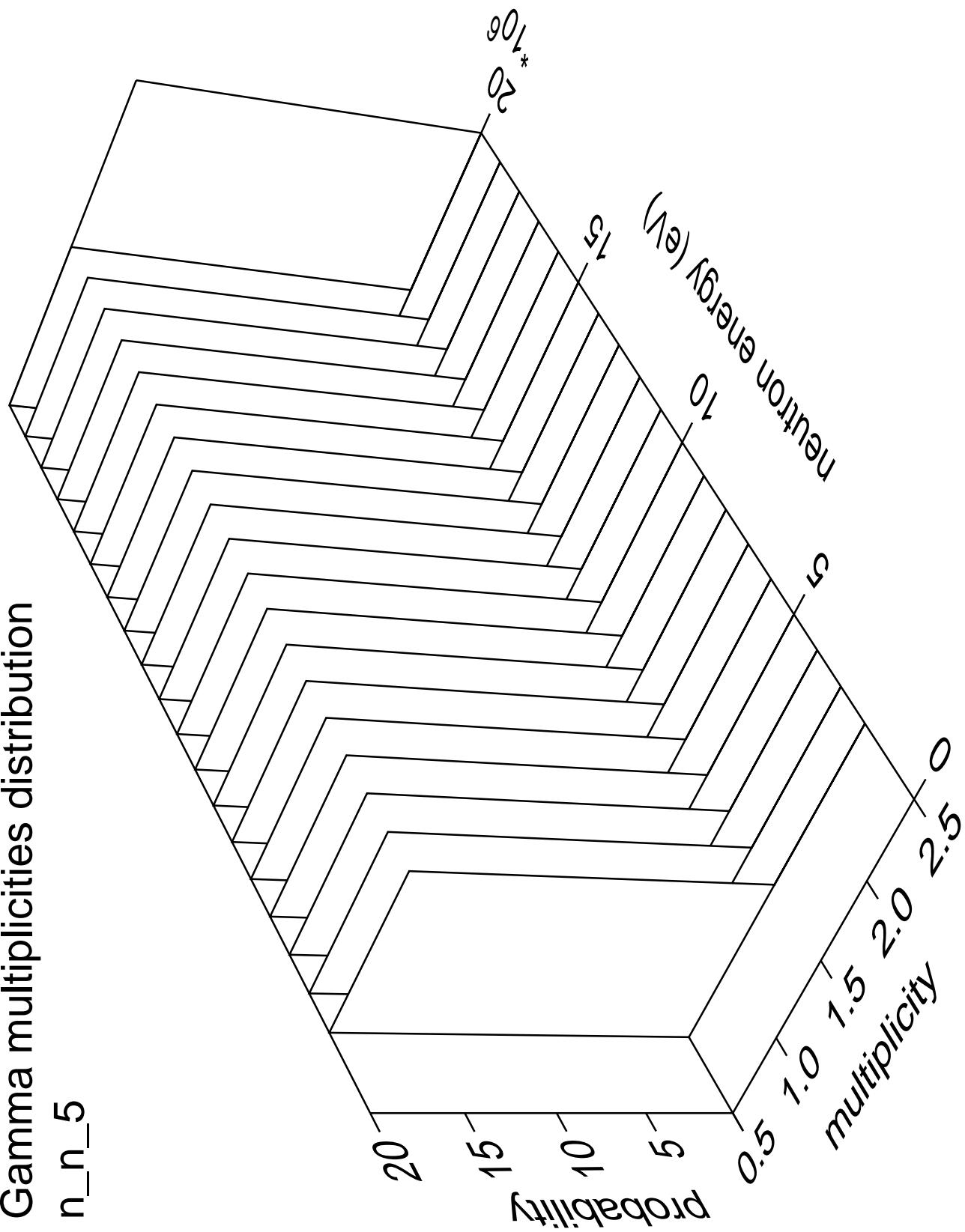


Gamma angles distribution

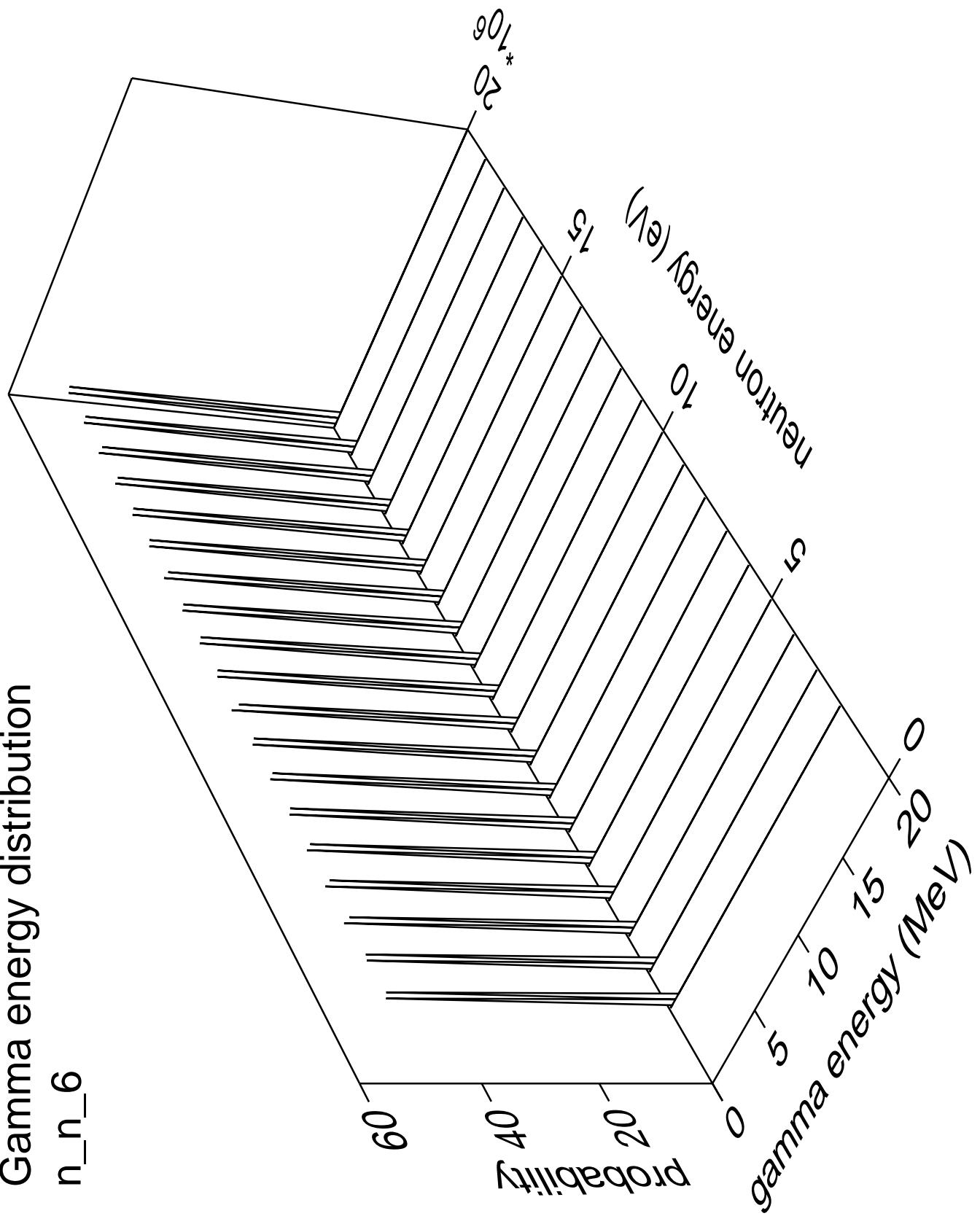
n_n_5



Gamma multiplicities distribution

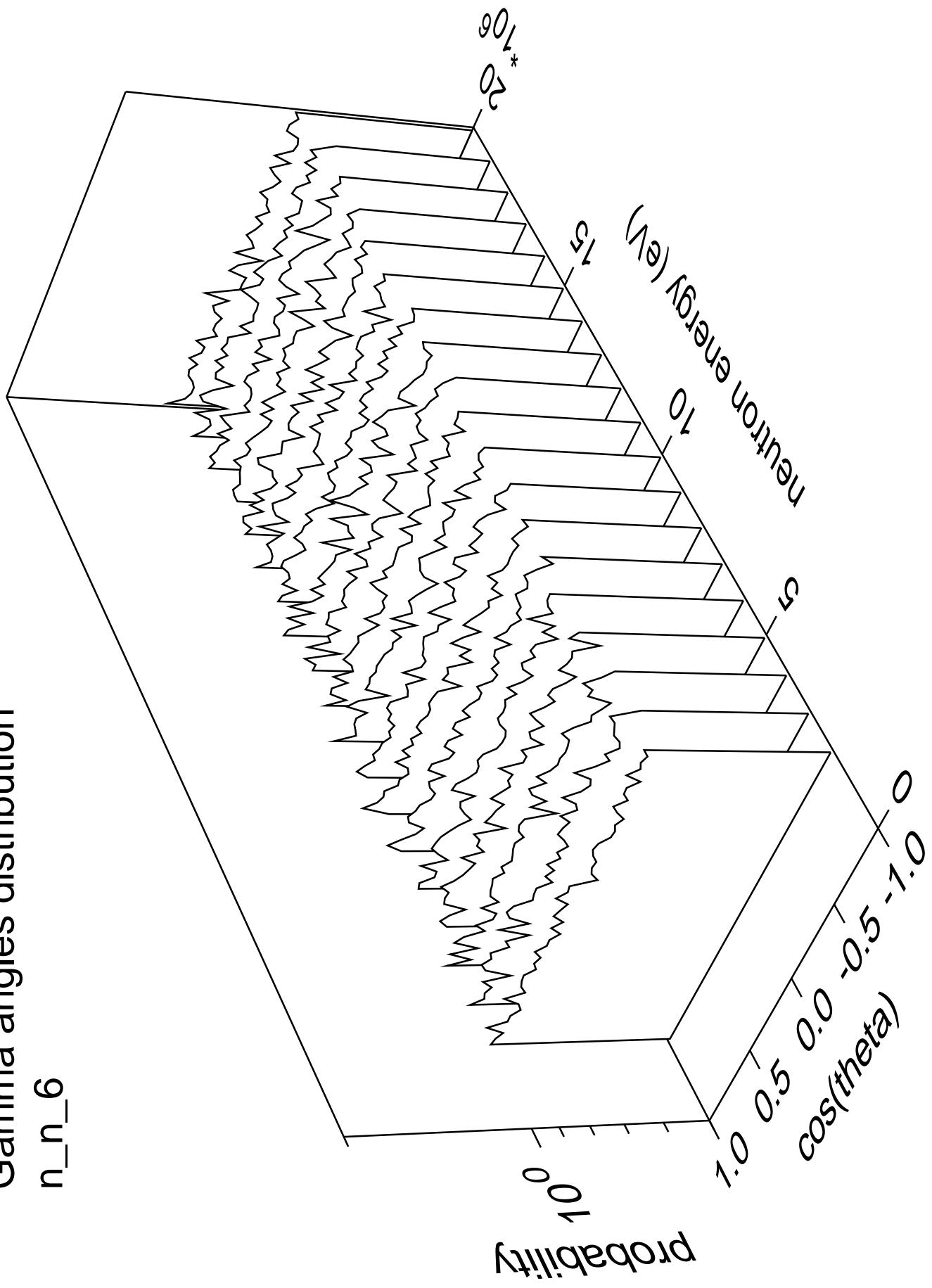


Gamma energy distribution

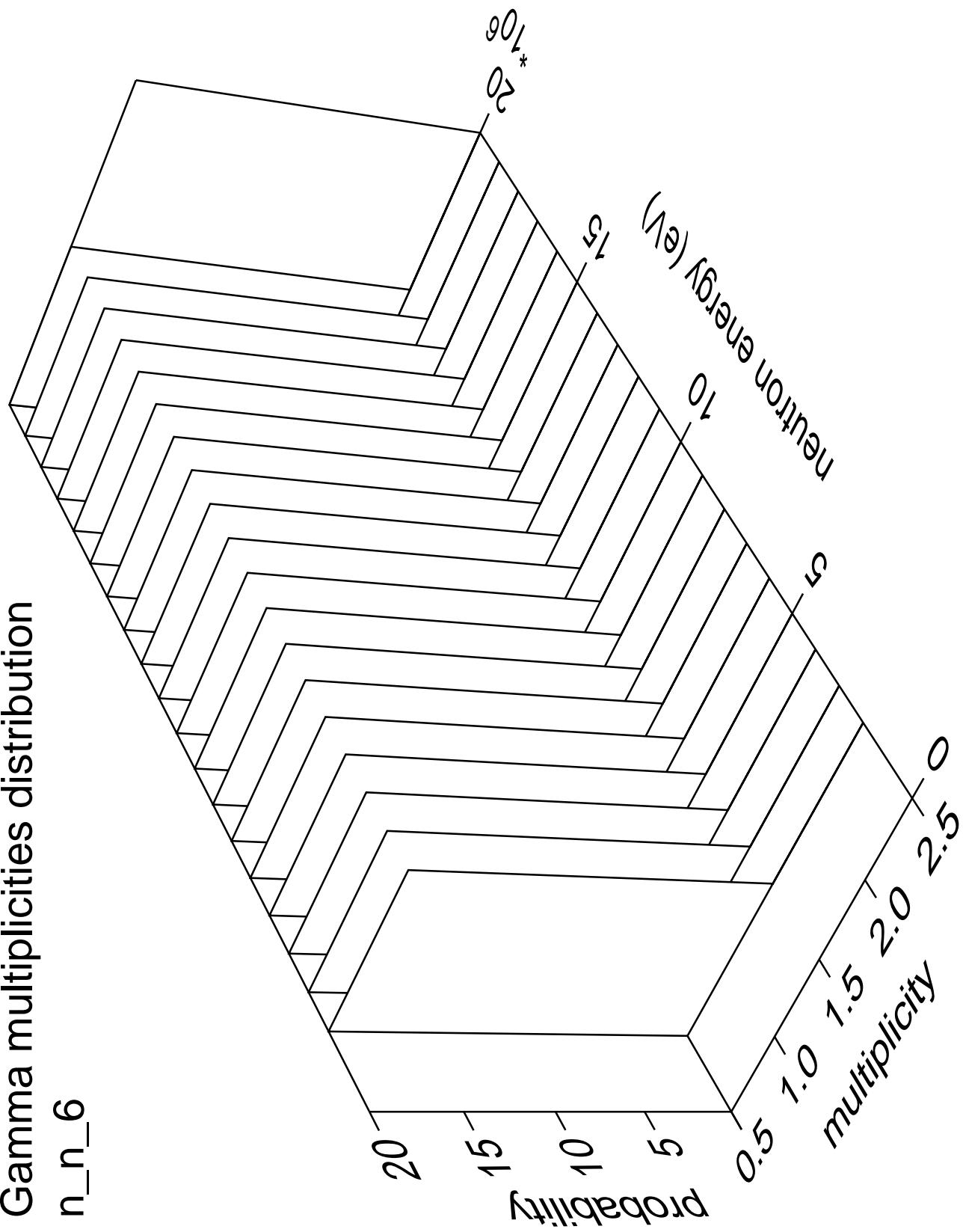


Gamma angles distribution

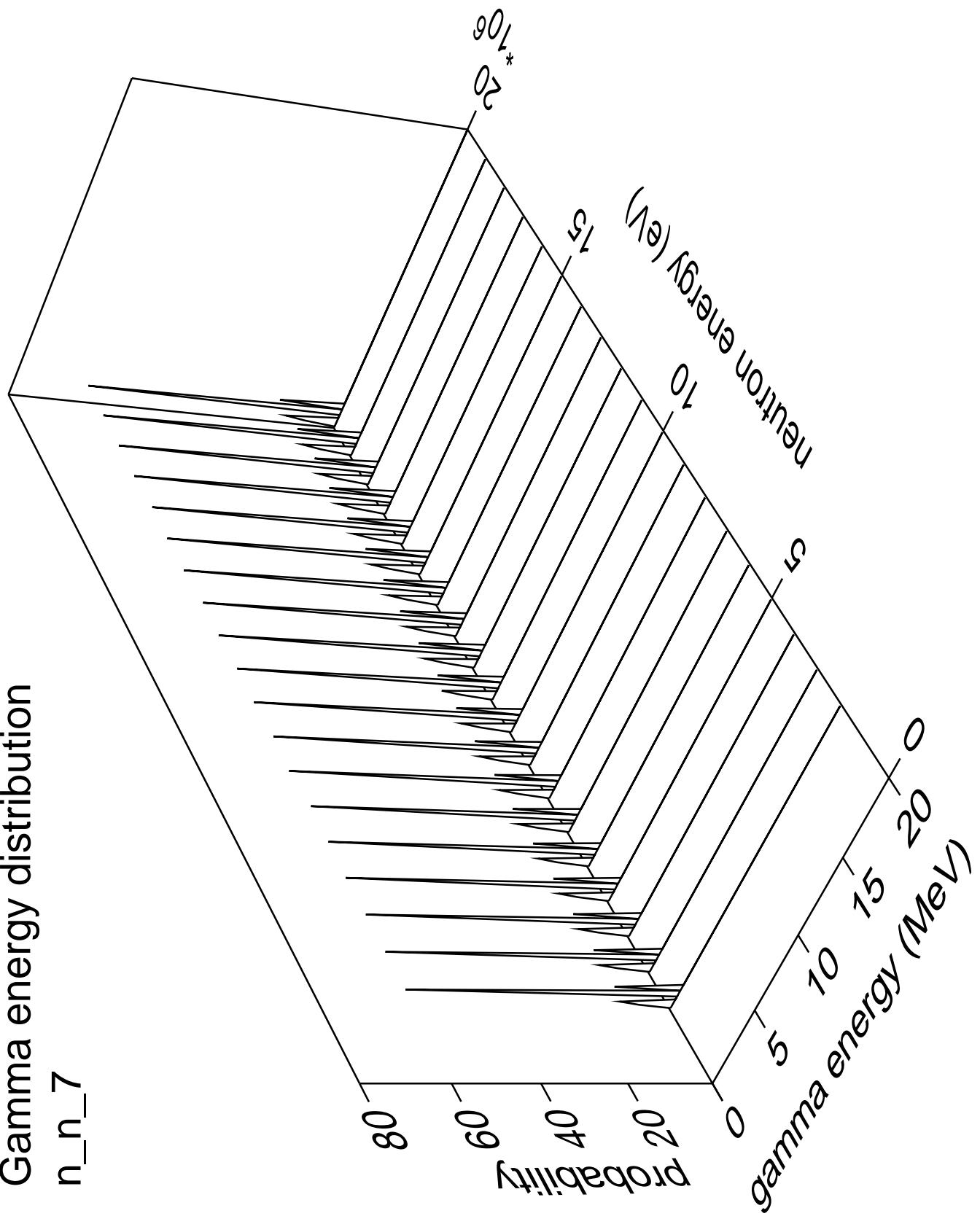
n_n_6



Gamma multiplicities distribution

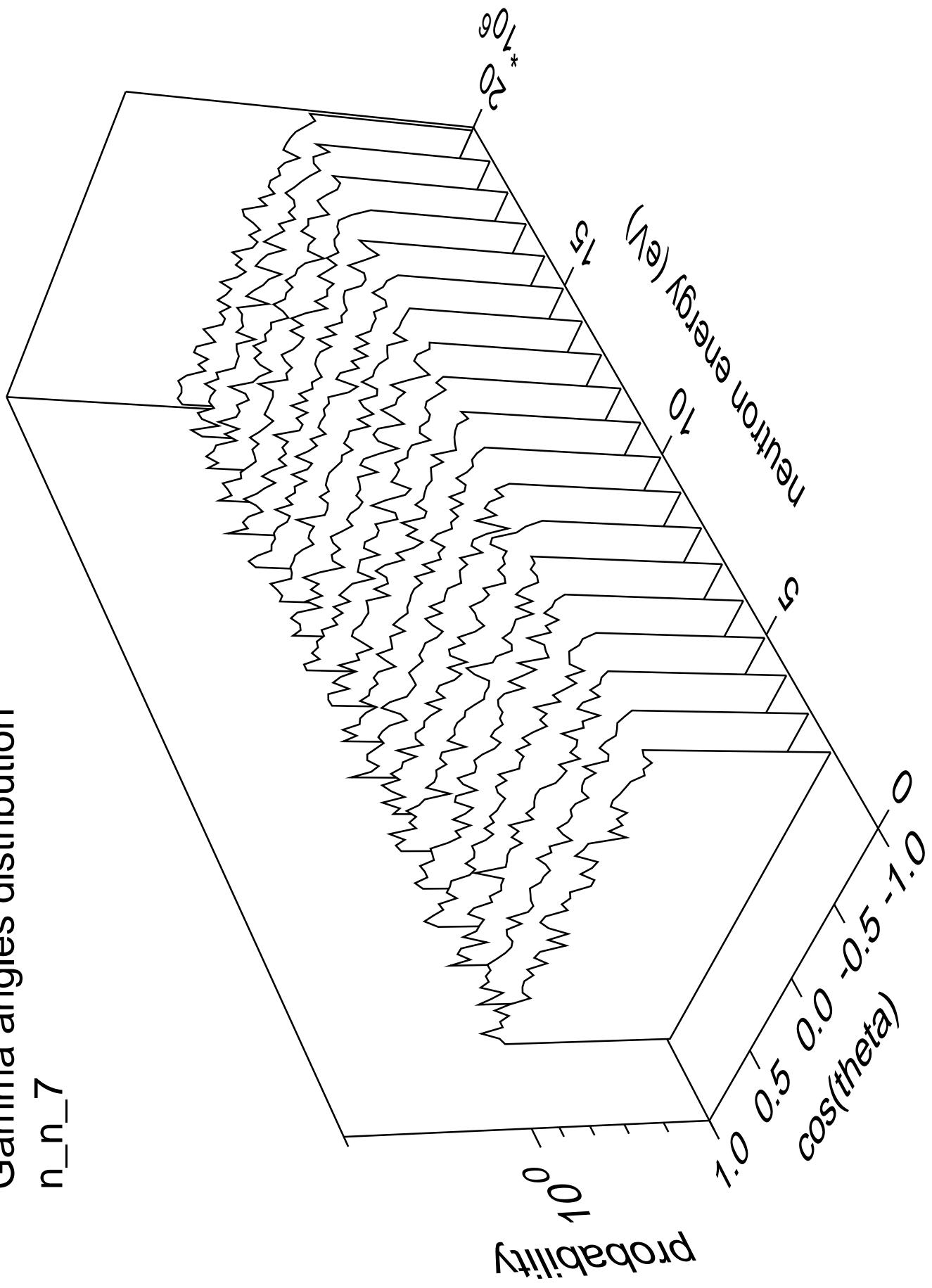


Gamma energy distribution

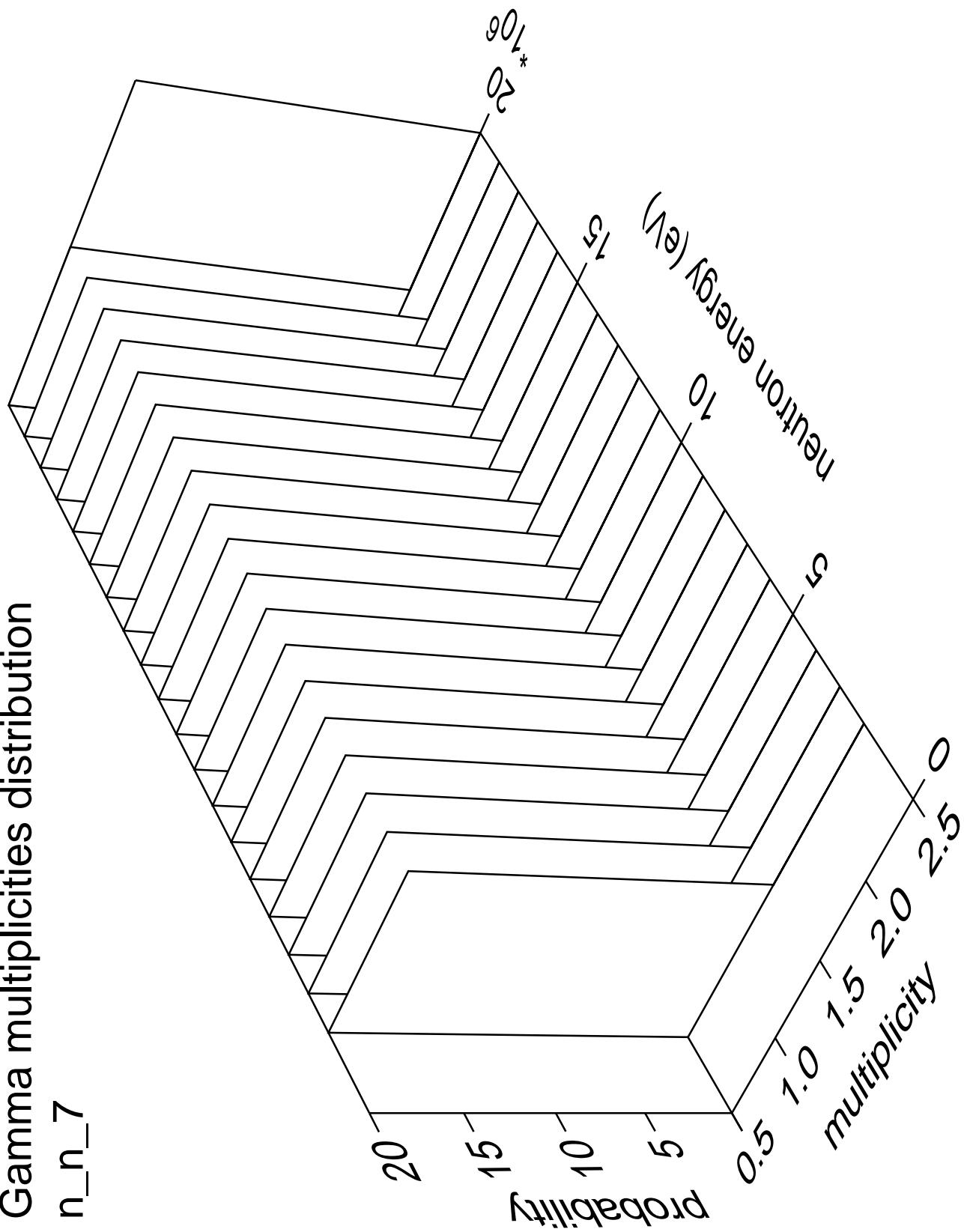


Gamma angles distribution

n_n_7

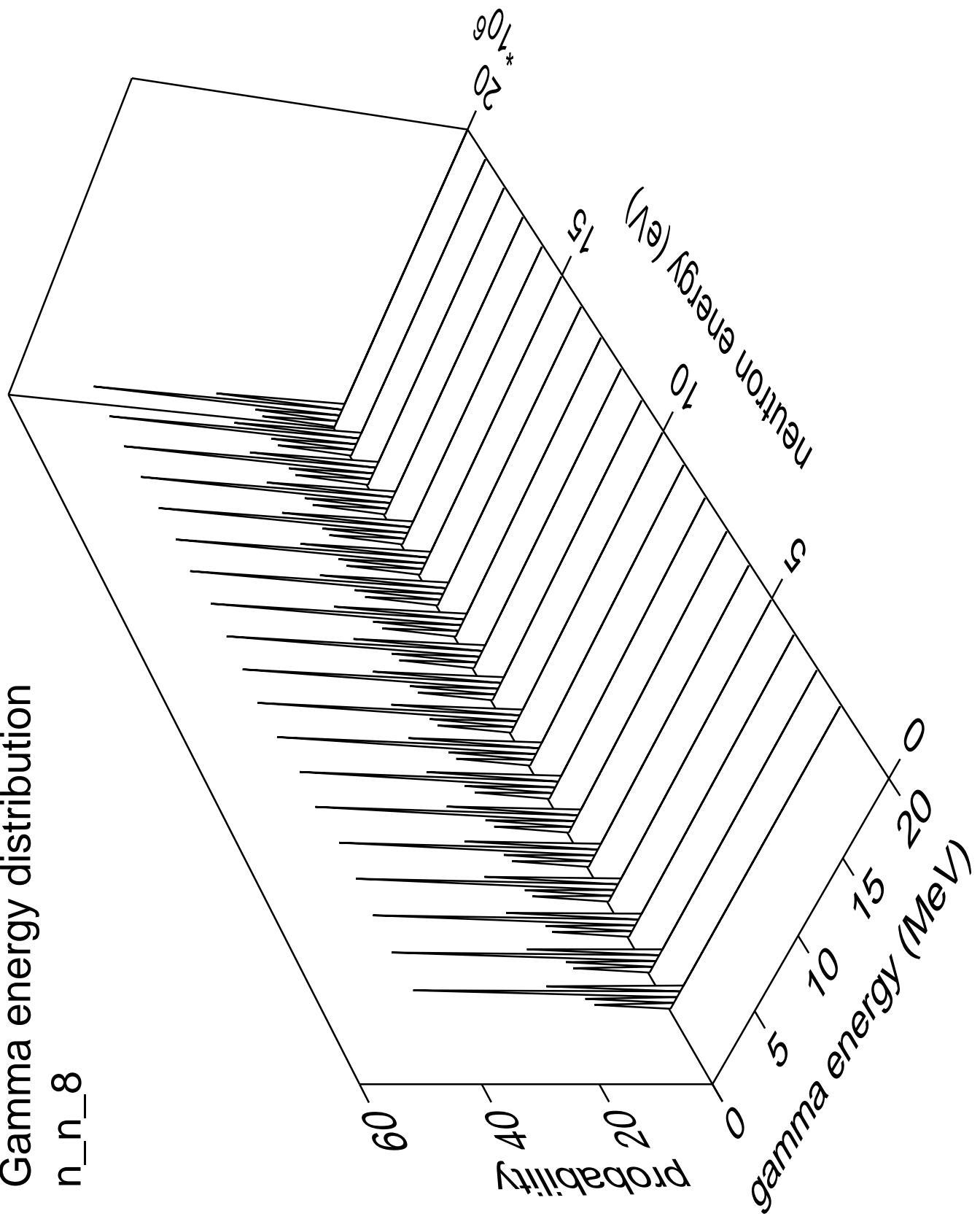


Gamma multiplicities distribution



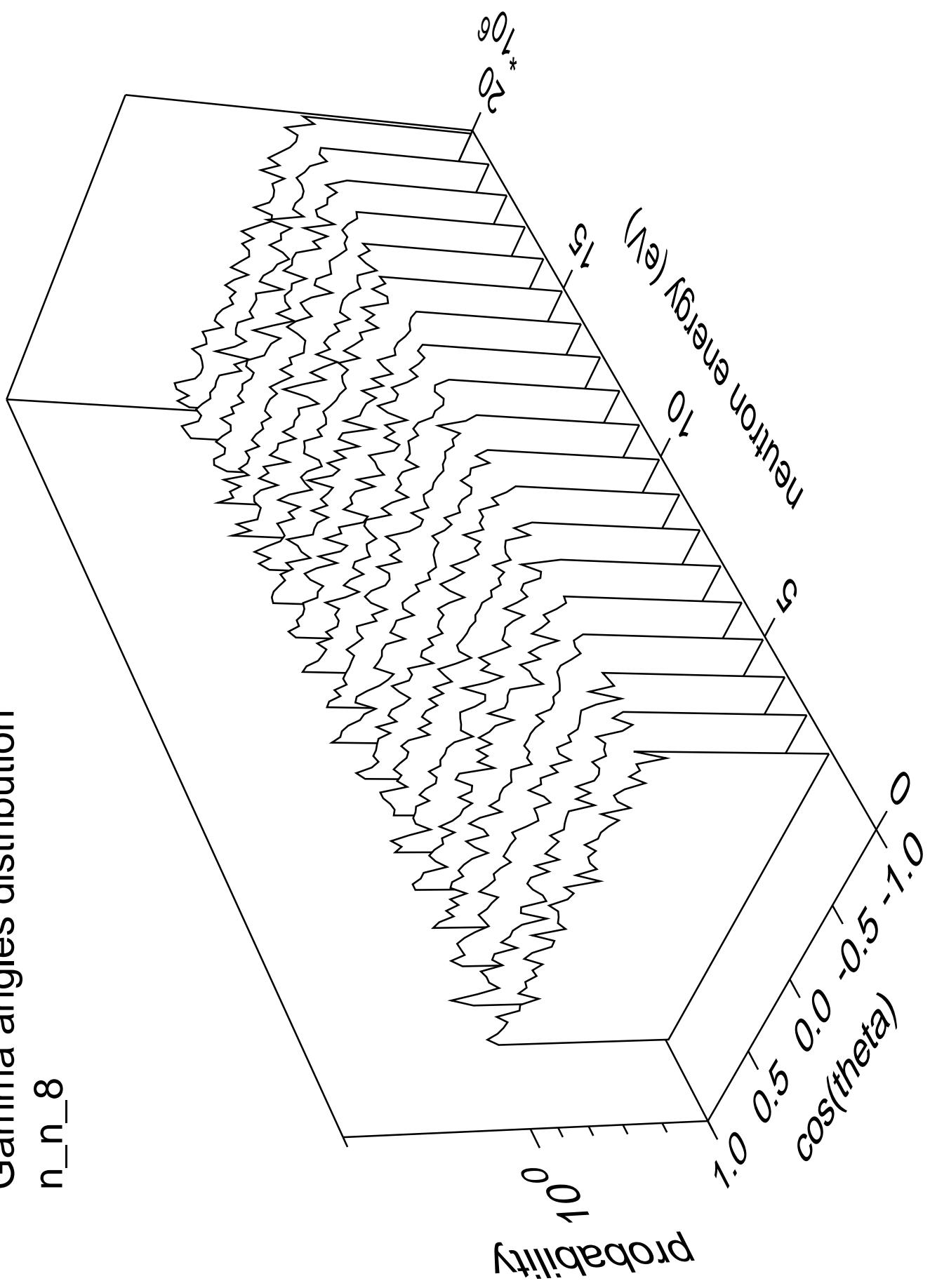
n_n_8

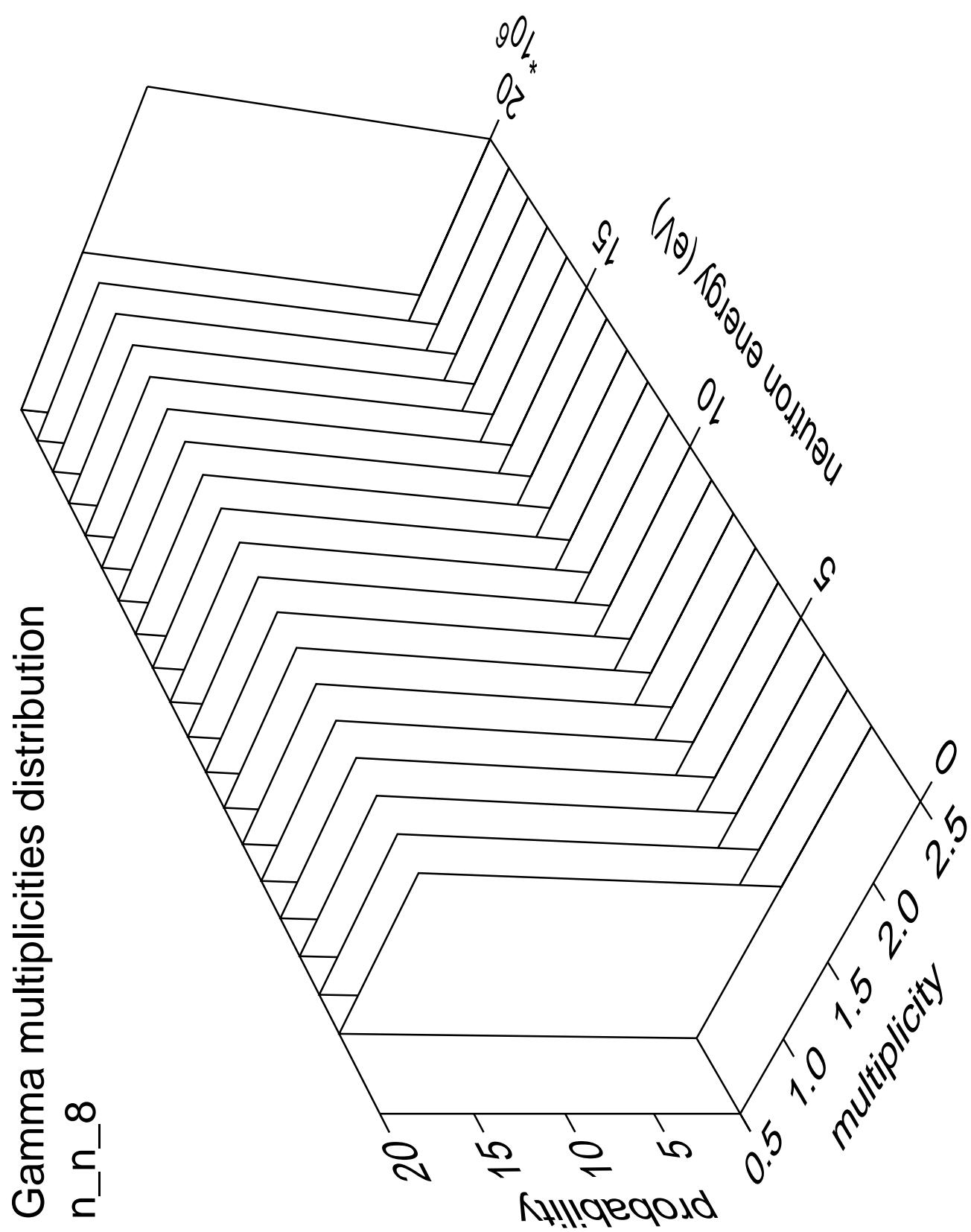
Gamma energy distribution

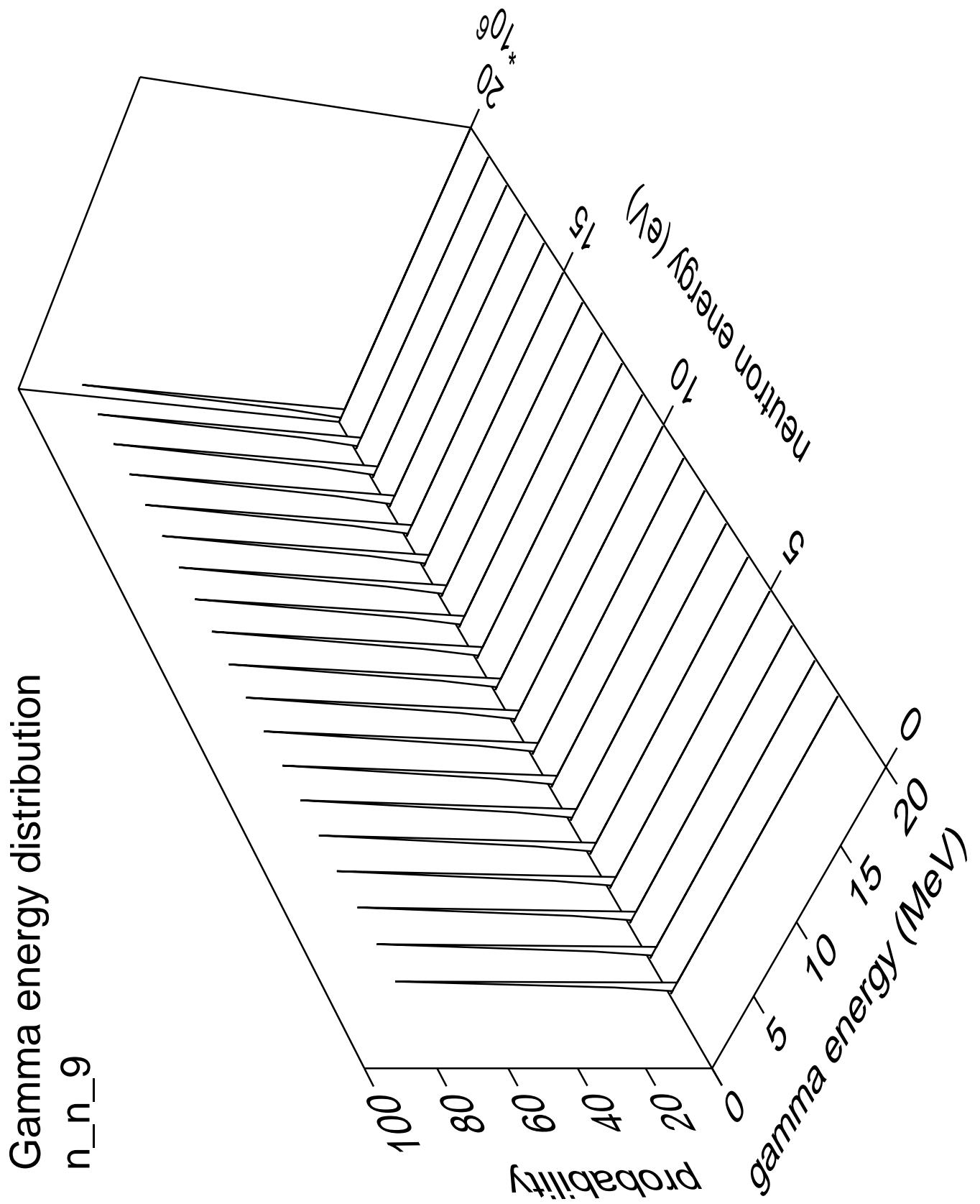


Gamma angles distribution

n_n_8

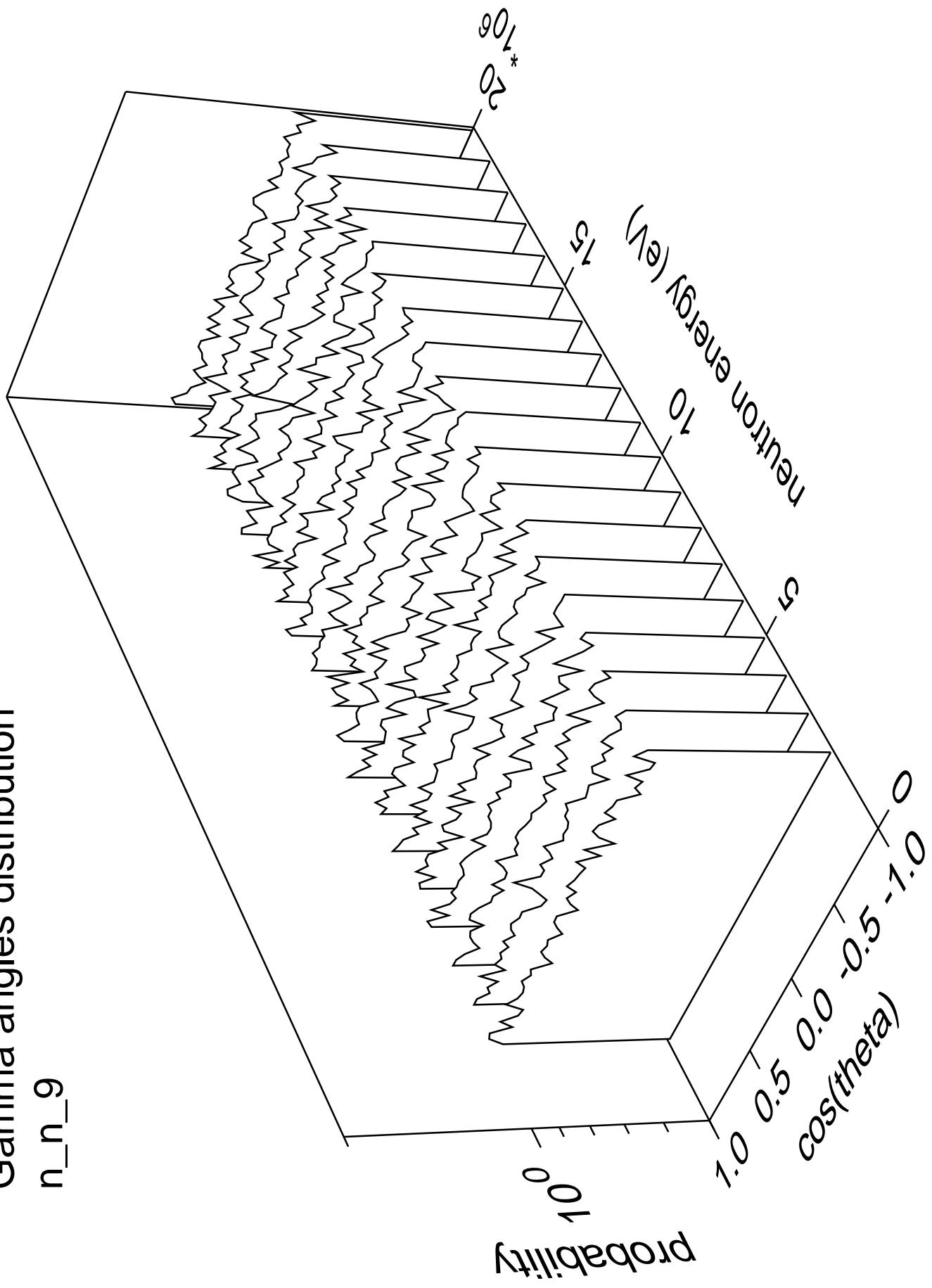


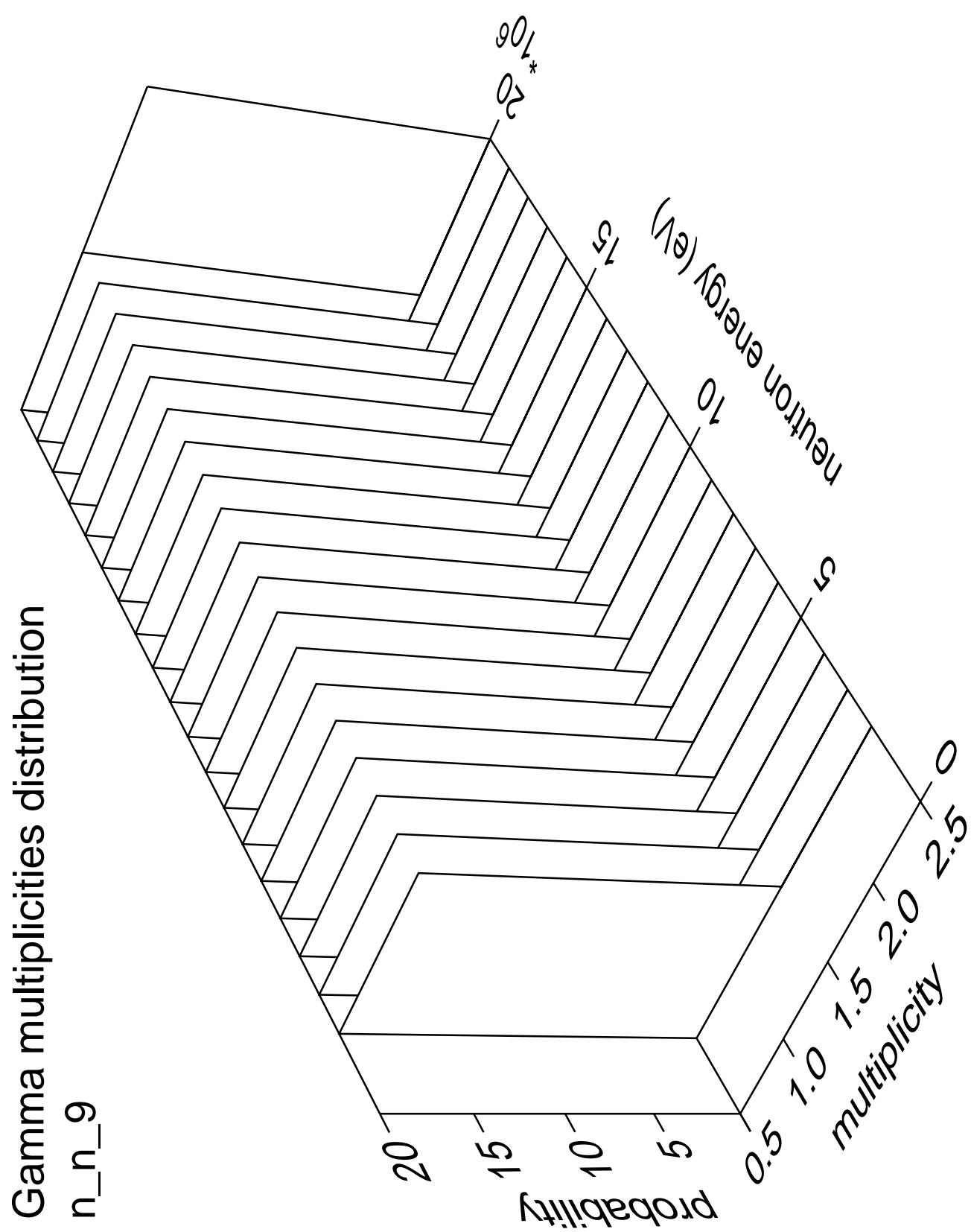


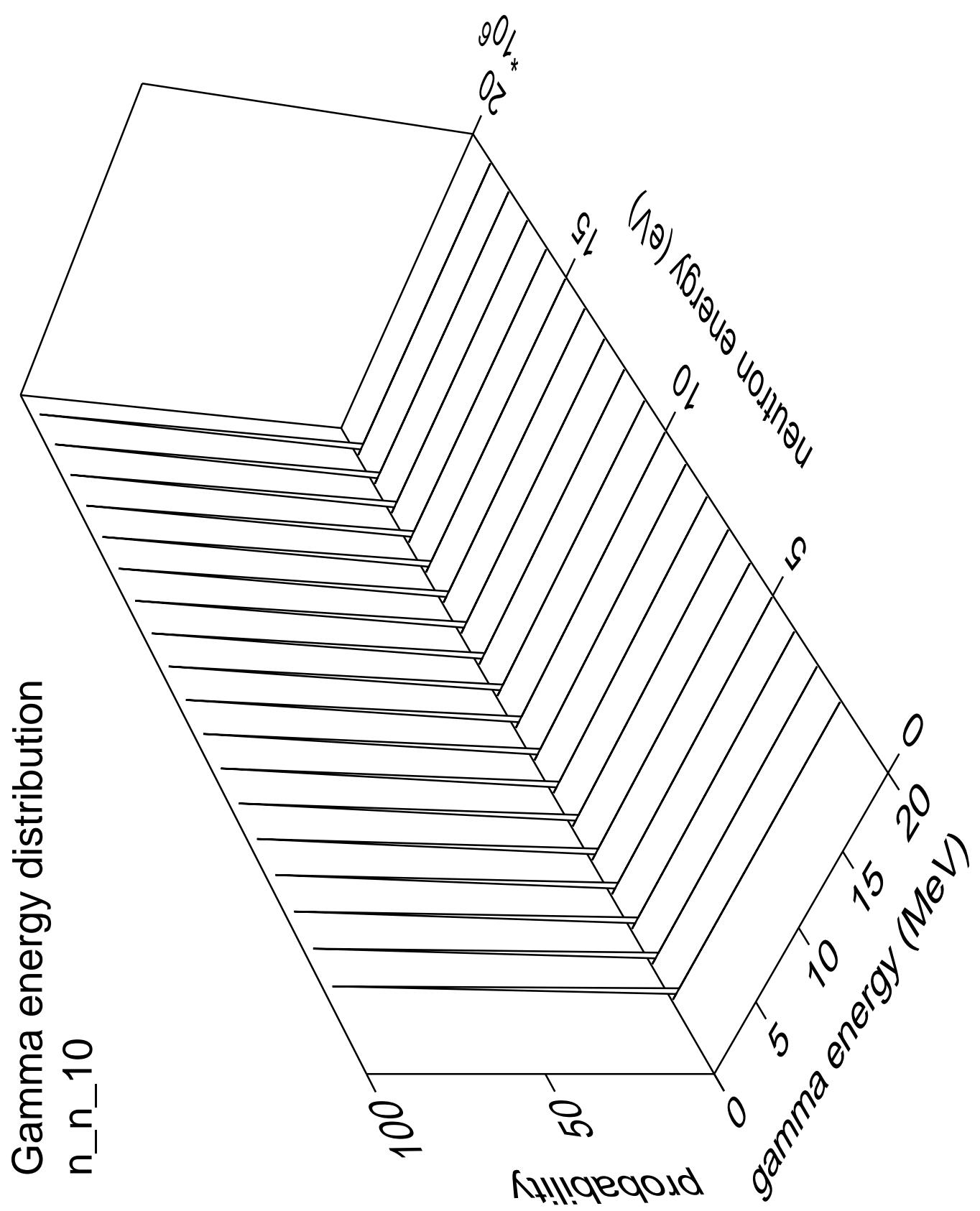


Gamma angles distribution

n_n_9

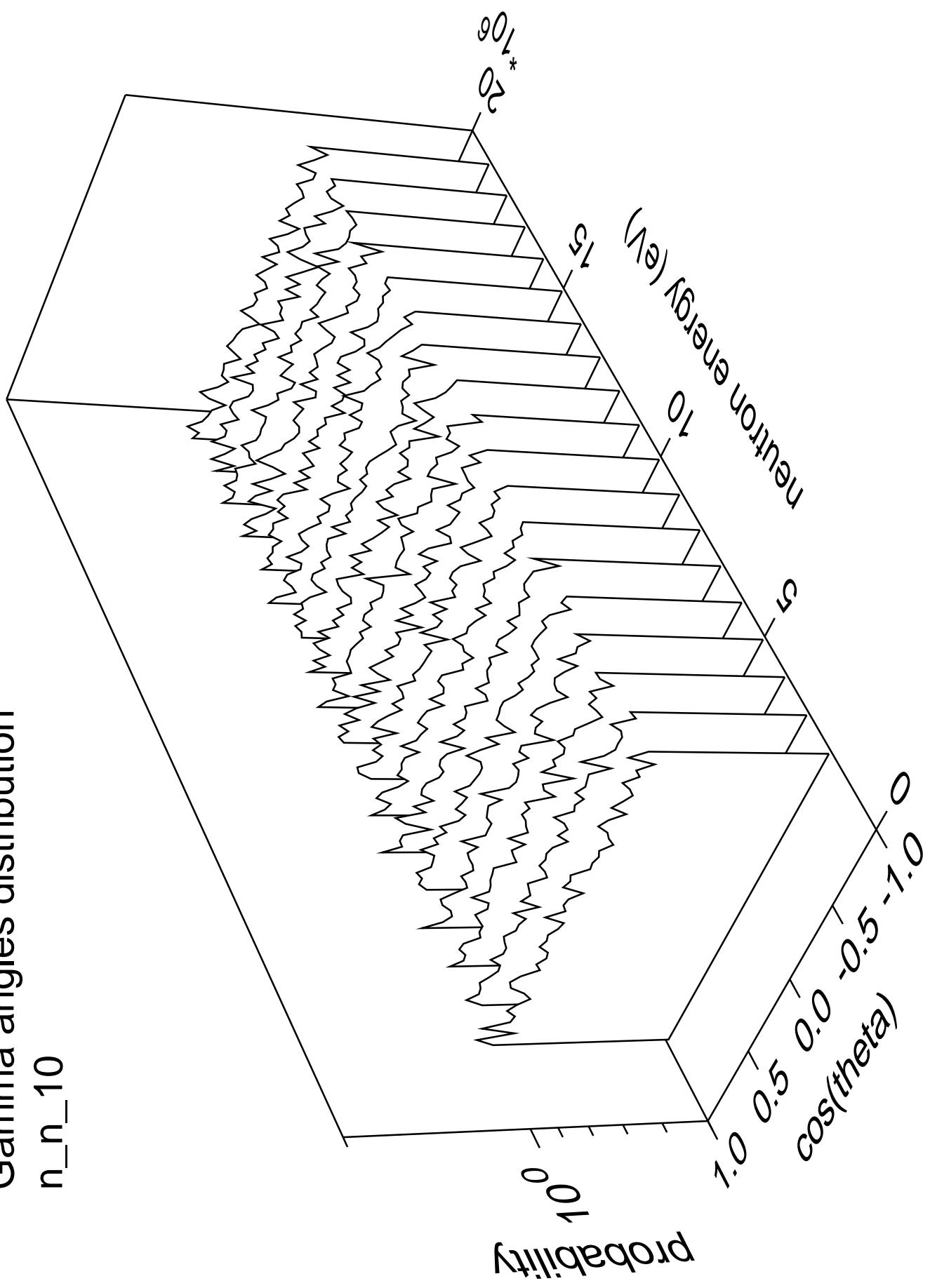


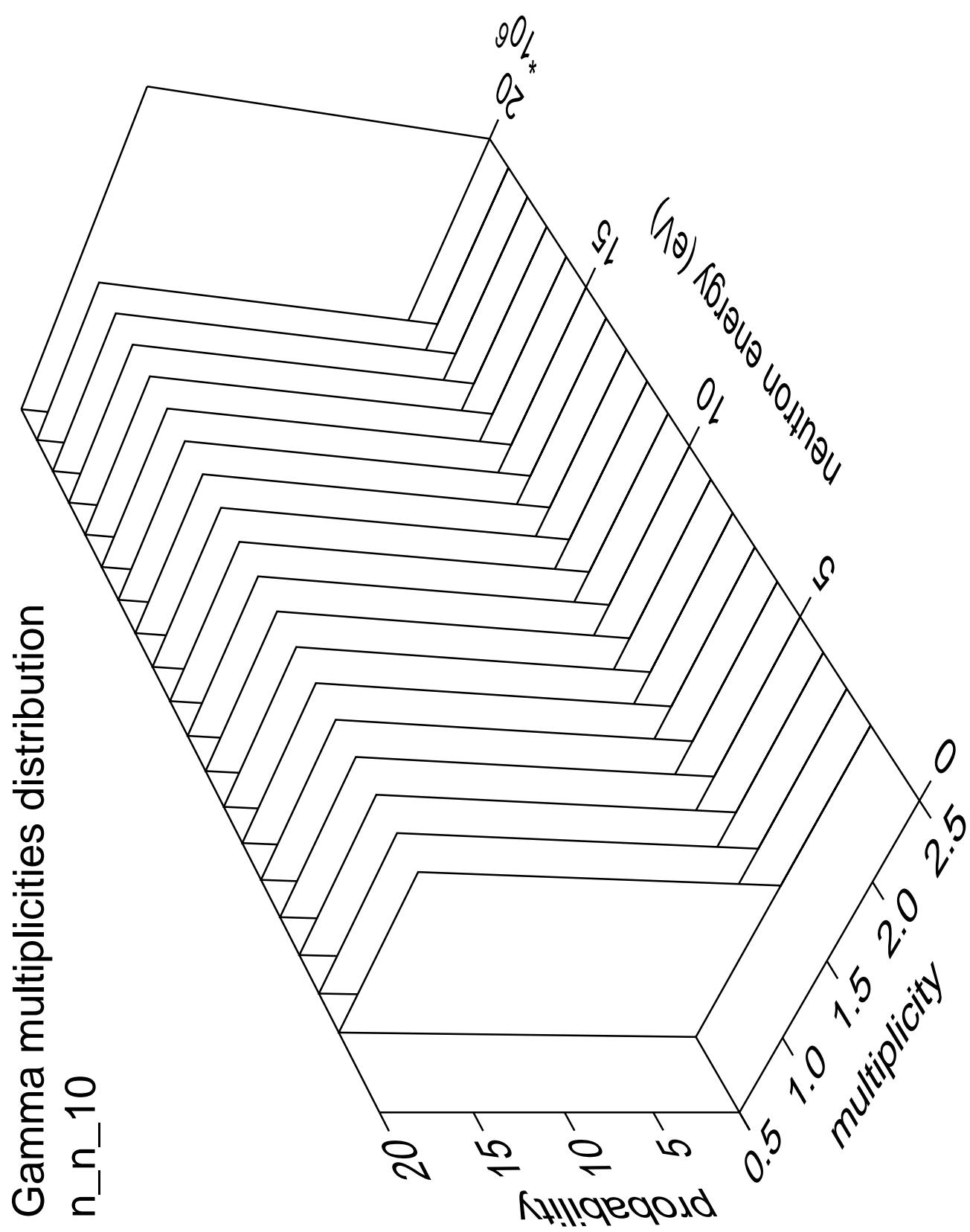




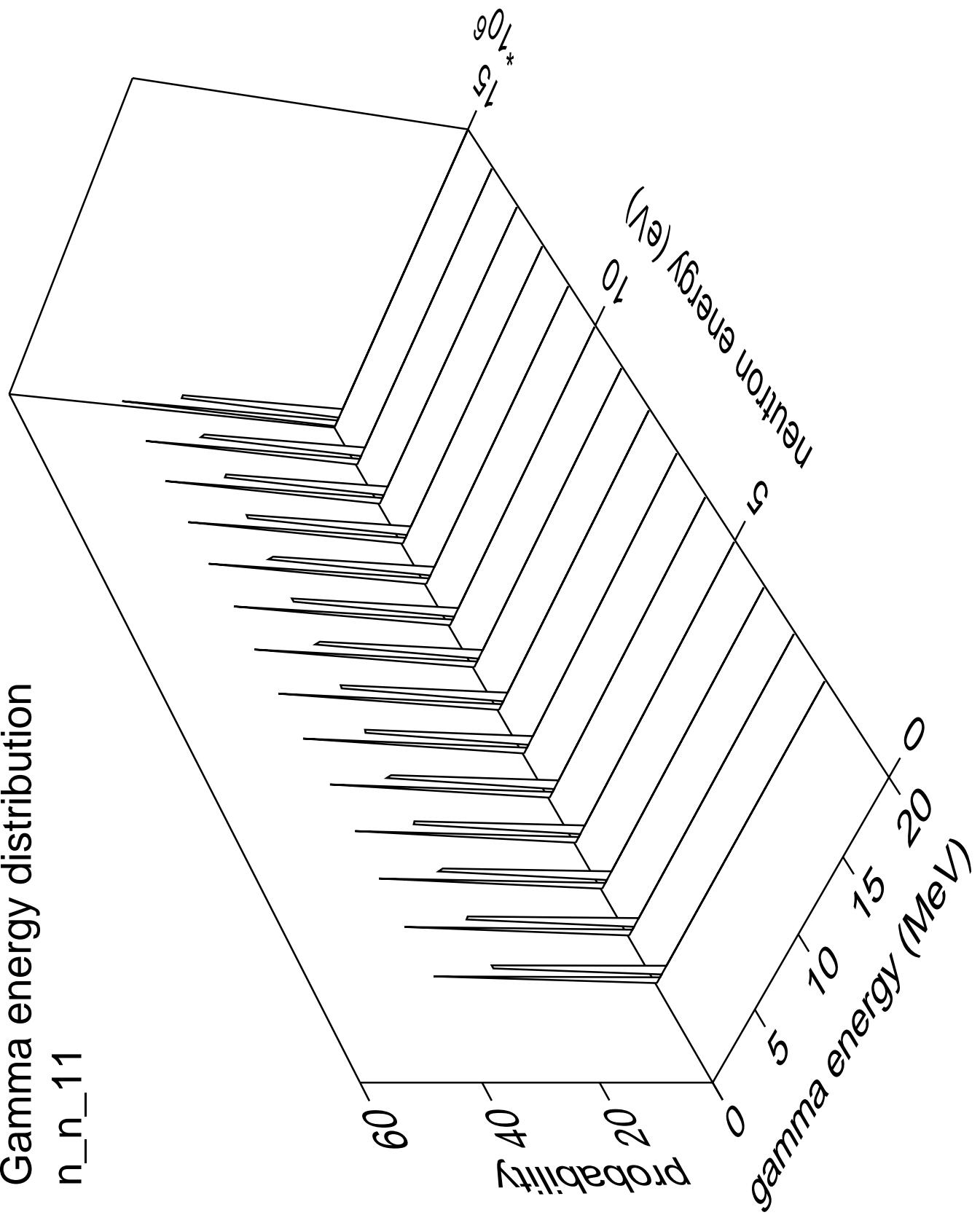
Gamma angles distribution

n_n_10

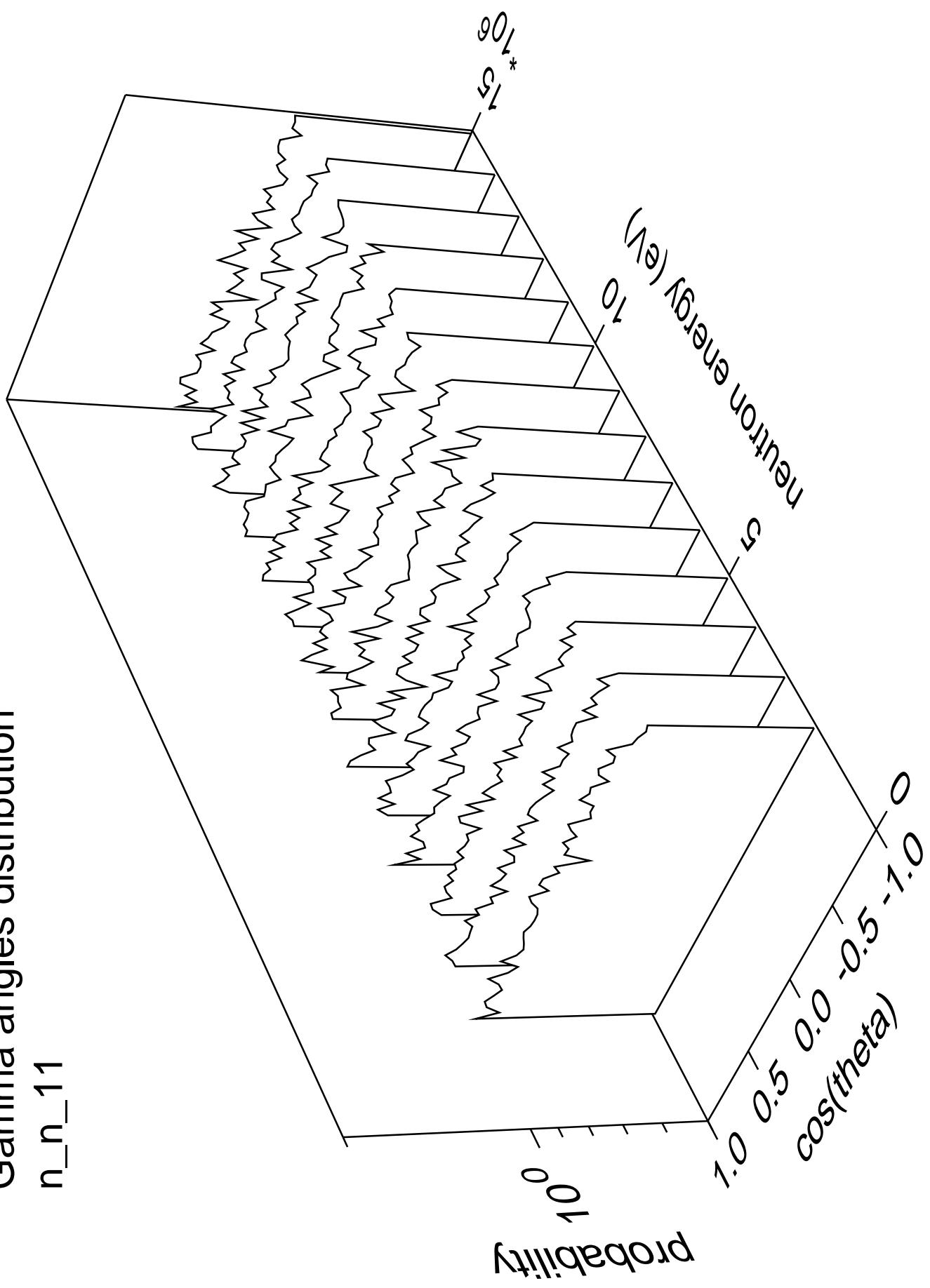


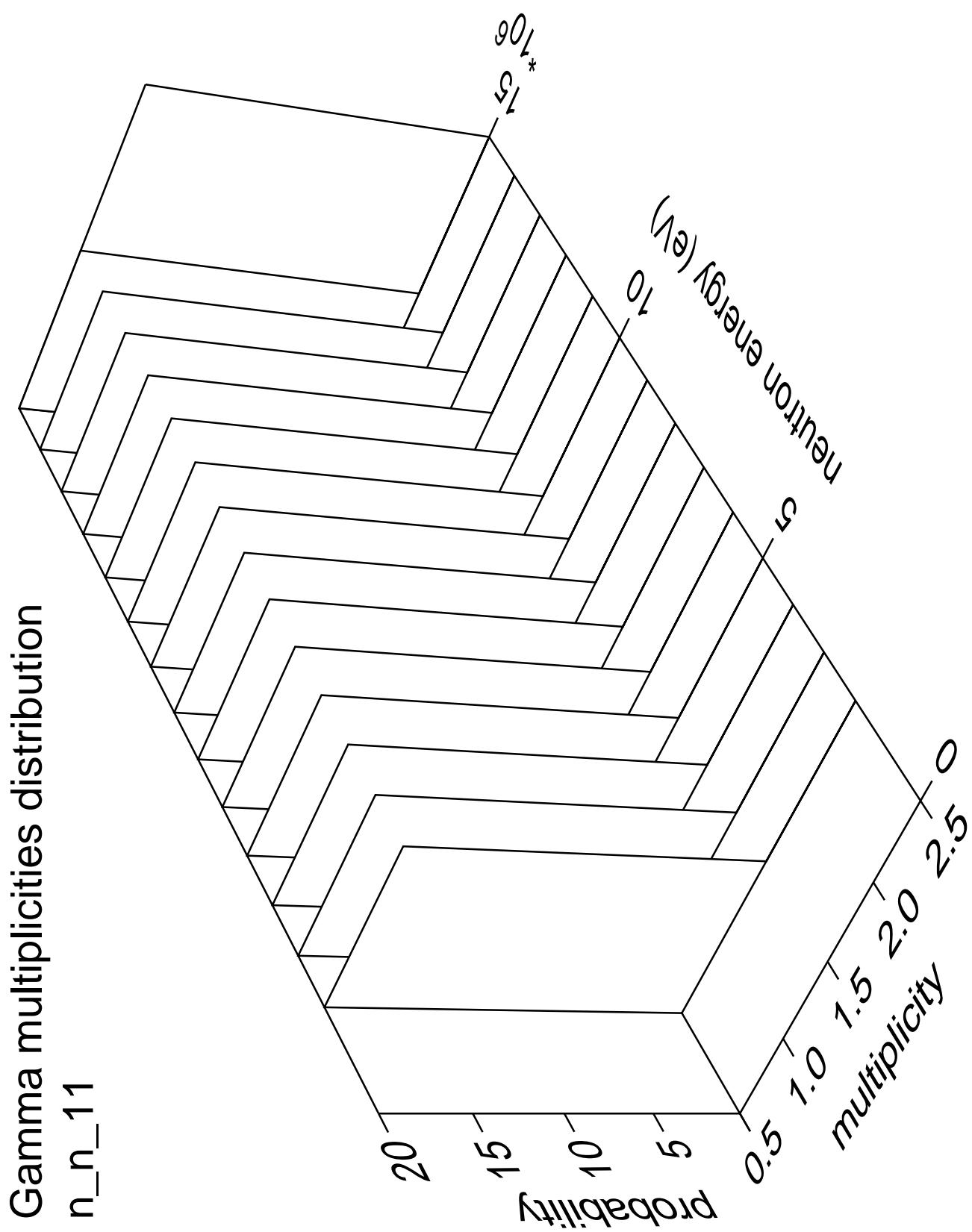


Gamma energy distribution

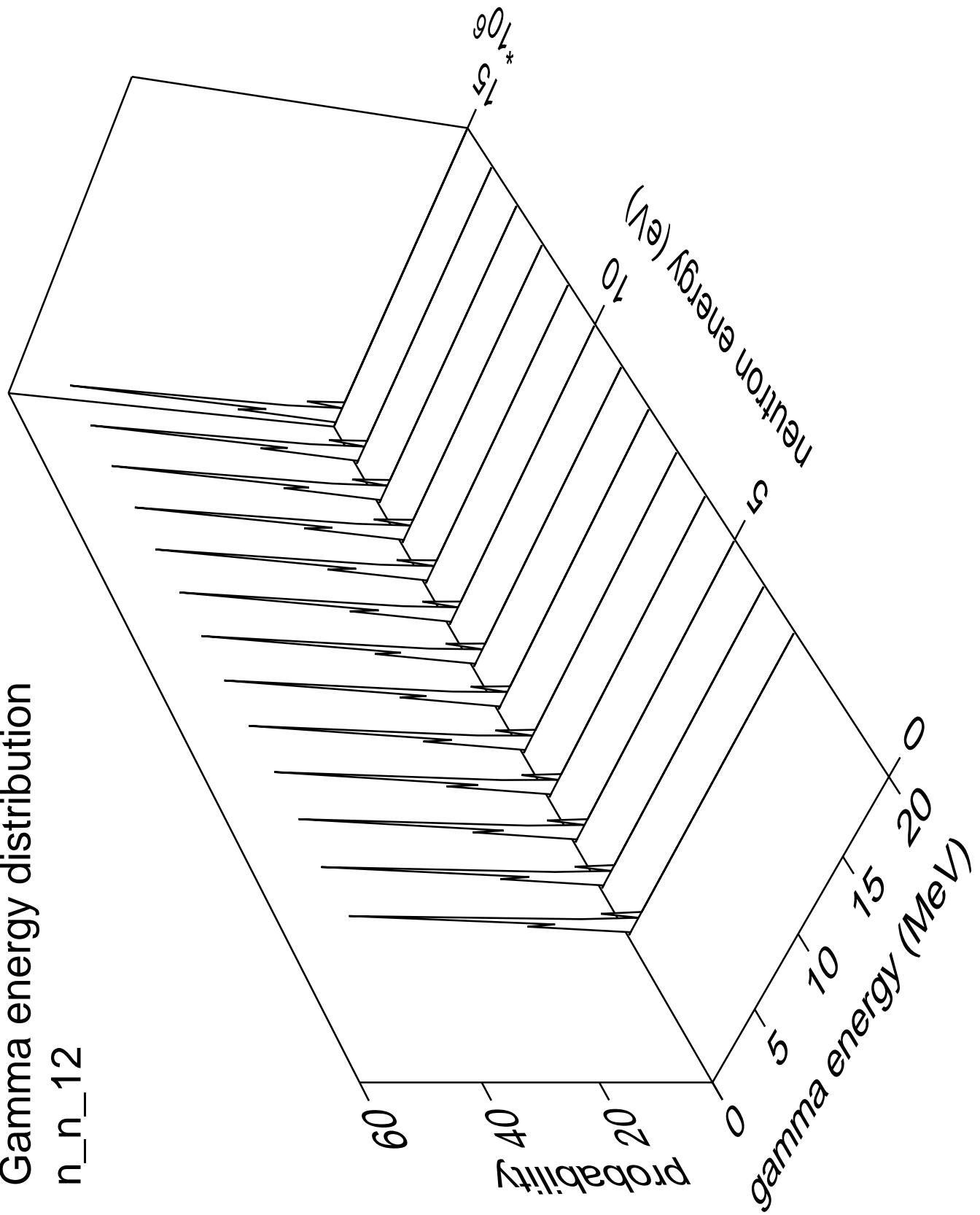


Gamma angles distribution



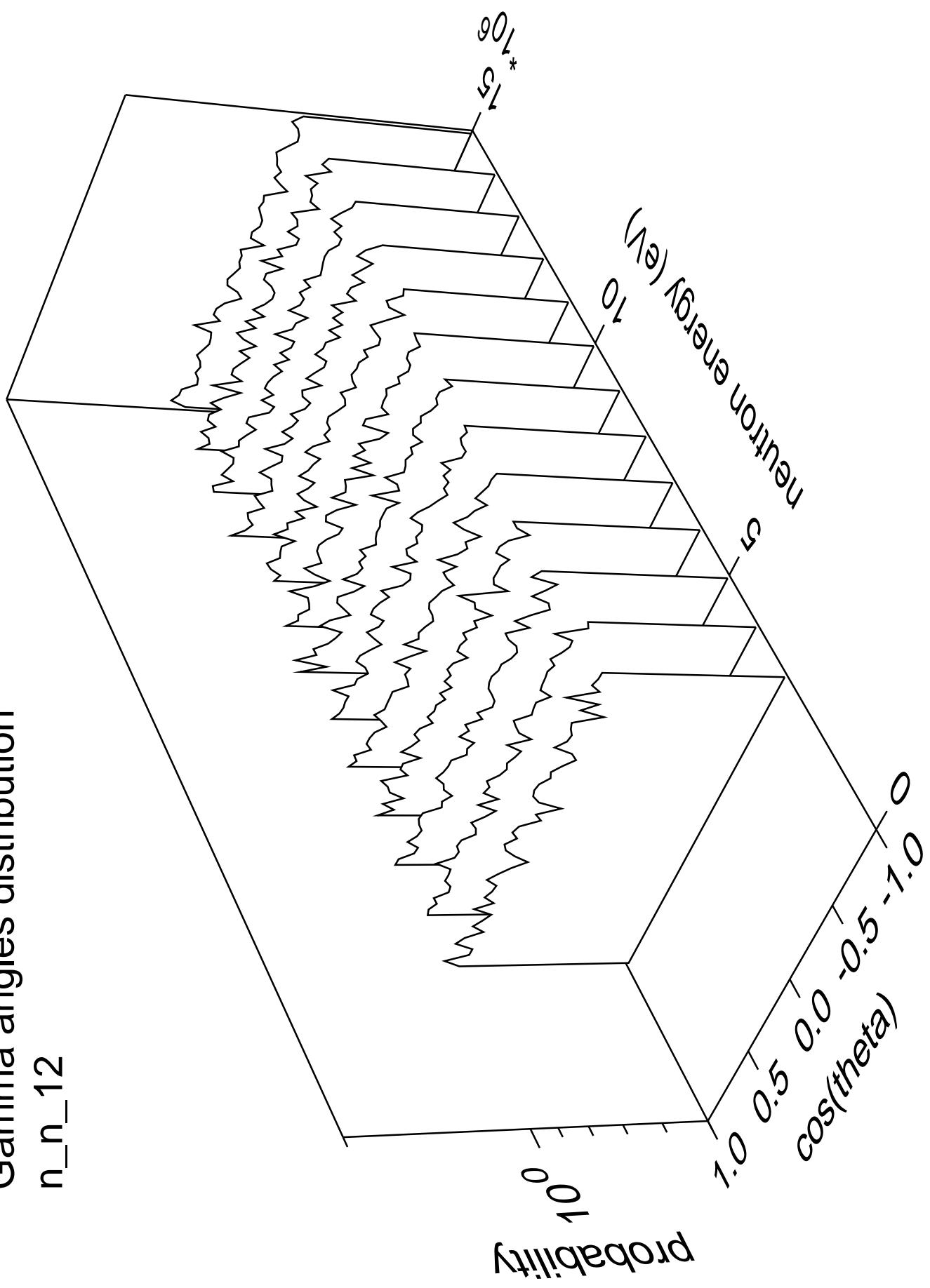


Gamma energy distribution



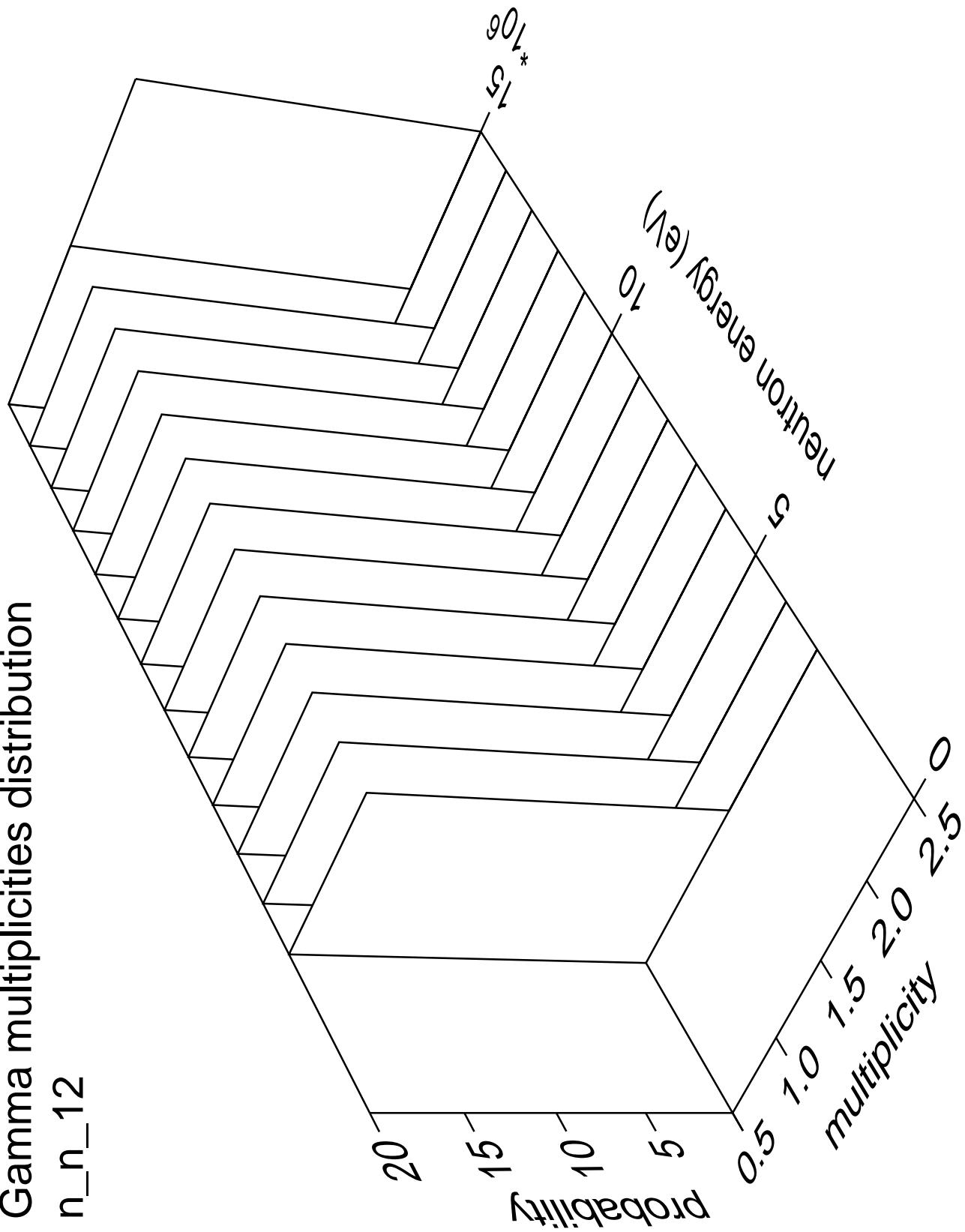
Gamma angles distribution

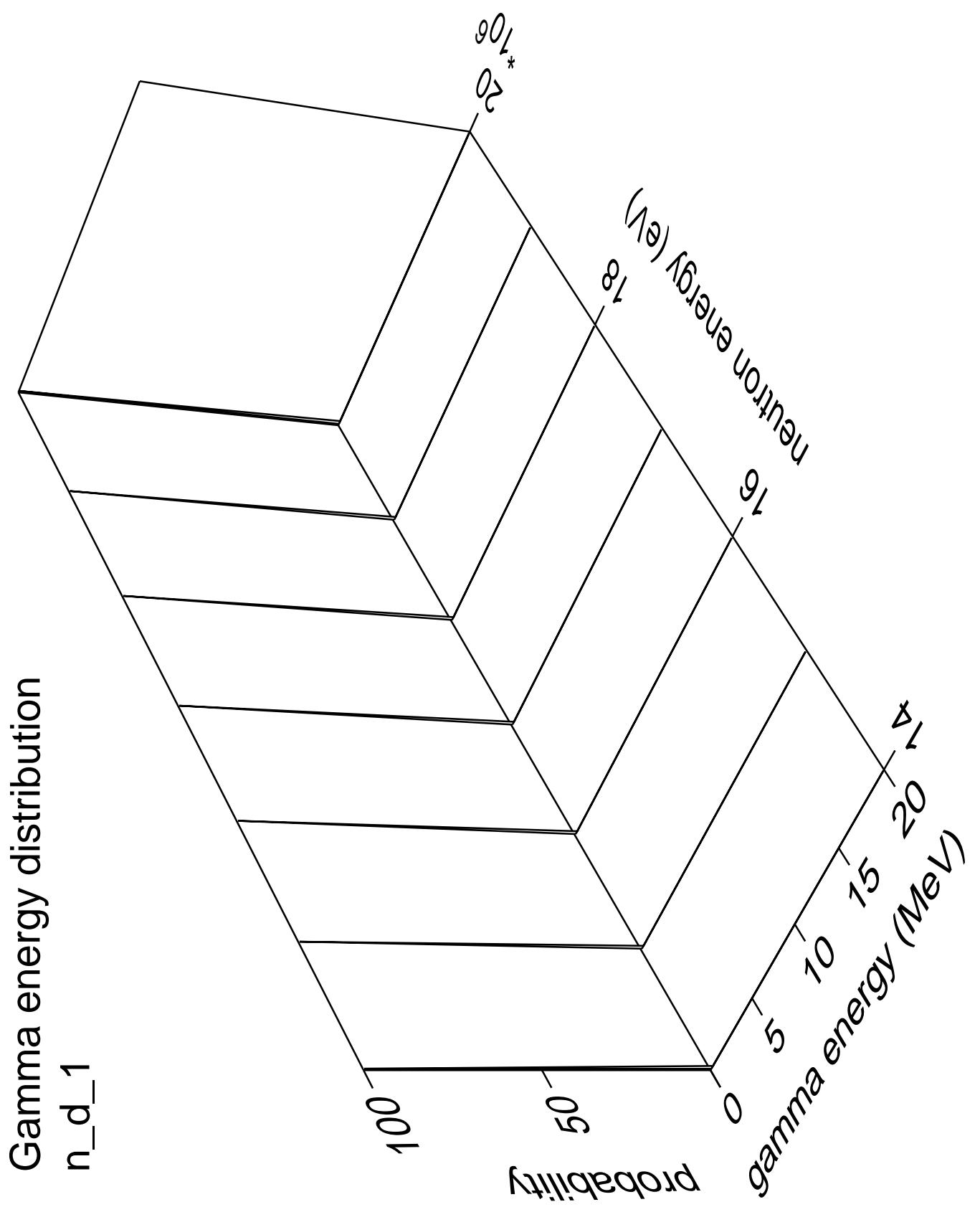
n_{n_12}



Gamma multiplicities distribution

n_n_{12}





Gamma angles distribution

n_{d_1}

Probability

10^0

10^6

10^2

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}

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10^{466}

10^{468}

10^{470}

10^{472}

10^{474}

10^{476}

10^{478}

10^{480}

10^{482}

10^{484}

10^{486}

10^{488}

10^{490}

10^{492}

10^{494}

10^{496}

10^{498}

10^{500}

10^{502}

10^{504}

10^{506}

Gamma multiplicities distribution

n_{d_1}

Probability

multiplicity

4

2.0

1.5

1.0

0.5

5

10

15

20

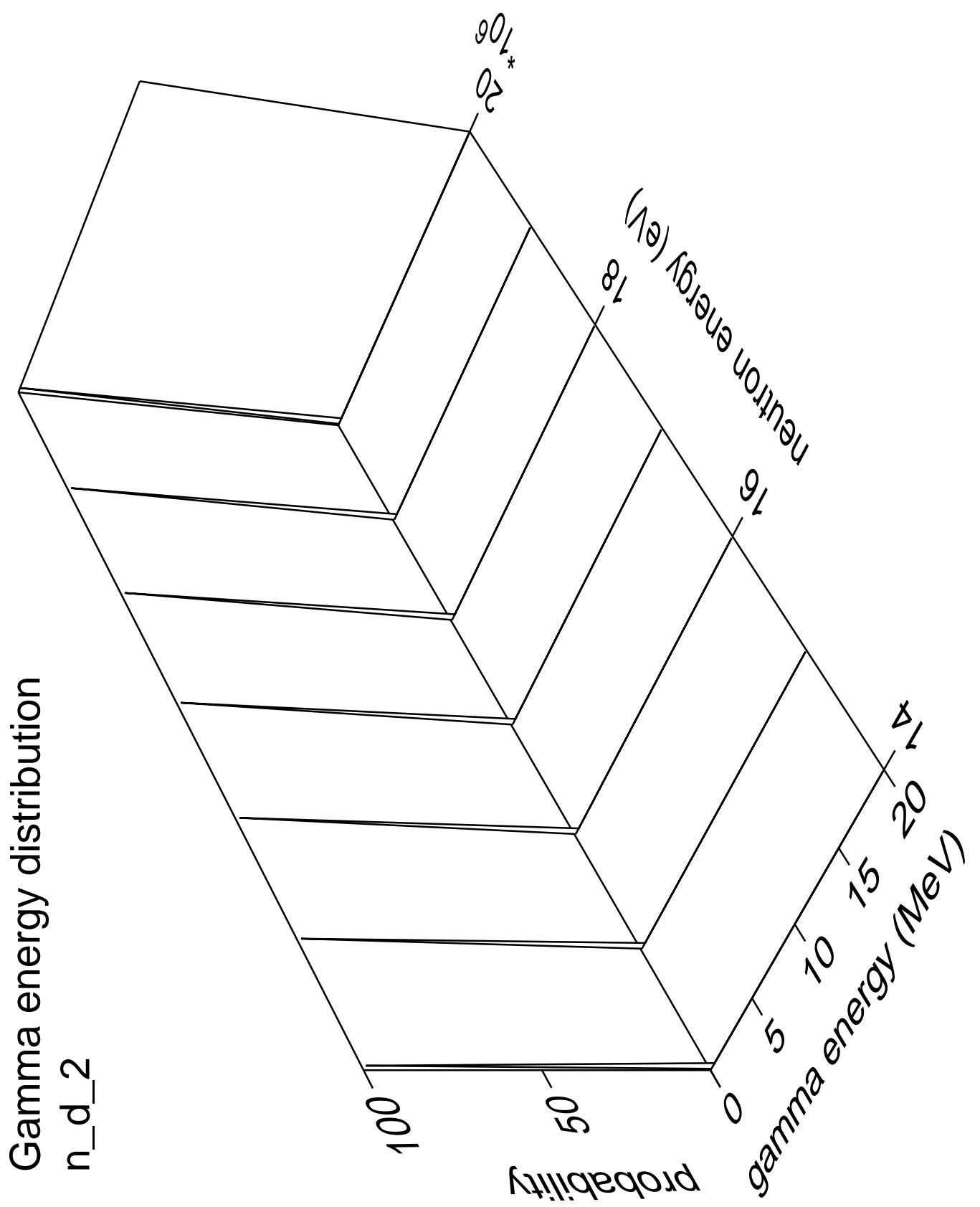
Neutron energy (eV)

16

20

10

0



Gamma angles distribution

n_d_2

Probability

10^0

10² 10⁶

Neutron energy (eV)

10⁶

cos(theta)

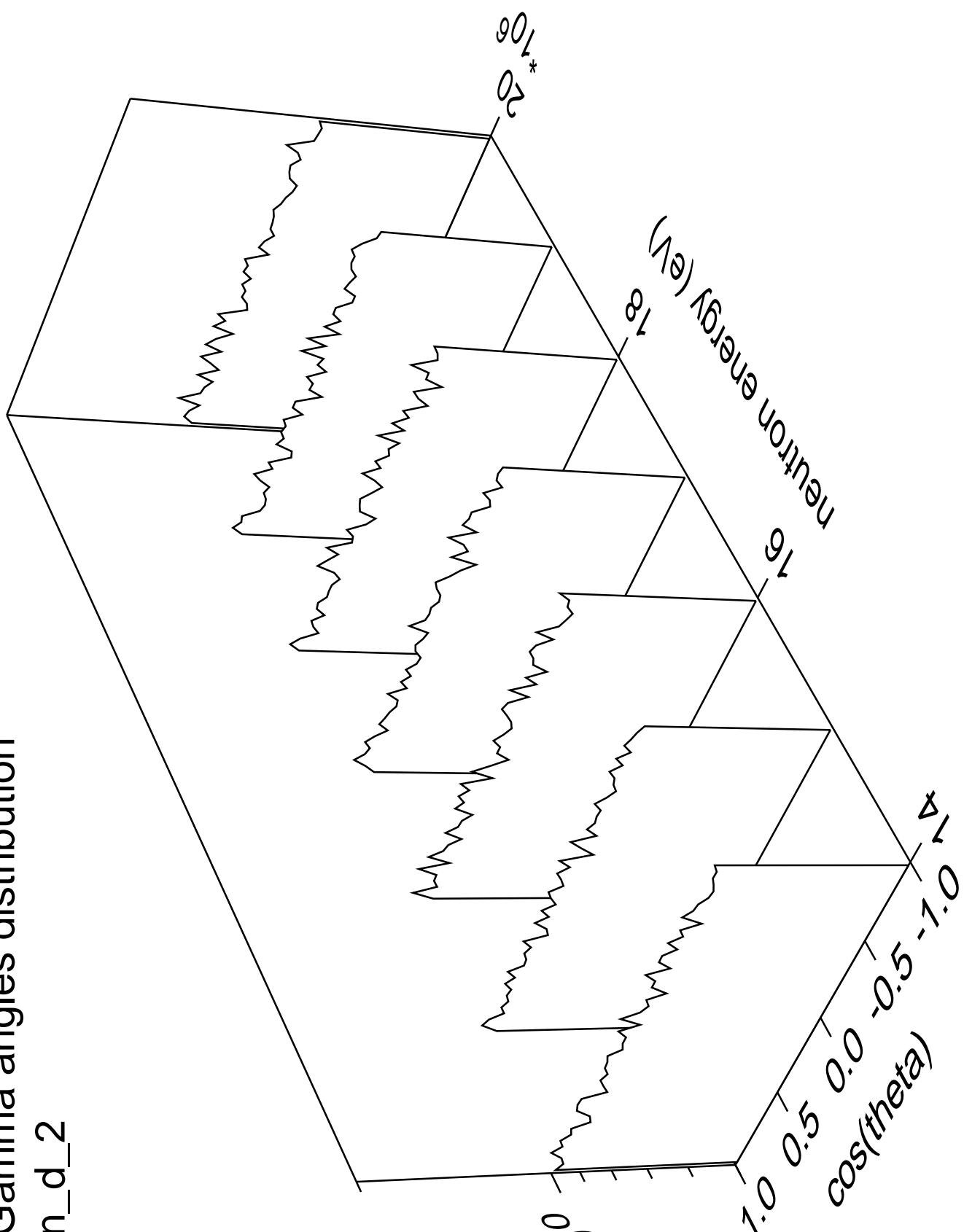
1.0

0.5

0.0

-0.5

-1.0



Gamma multiplicities distribution

n_d_2

Probability

n_d_2

multiplicity

Δ

2.0

1.5

1.0

0.5

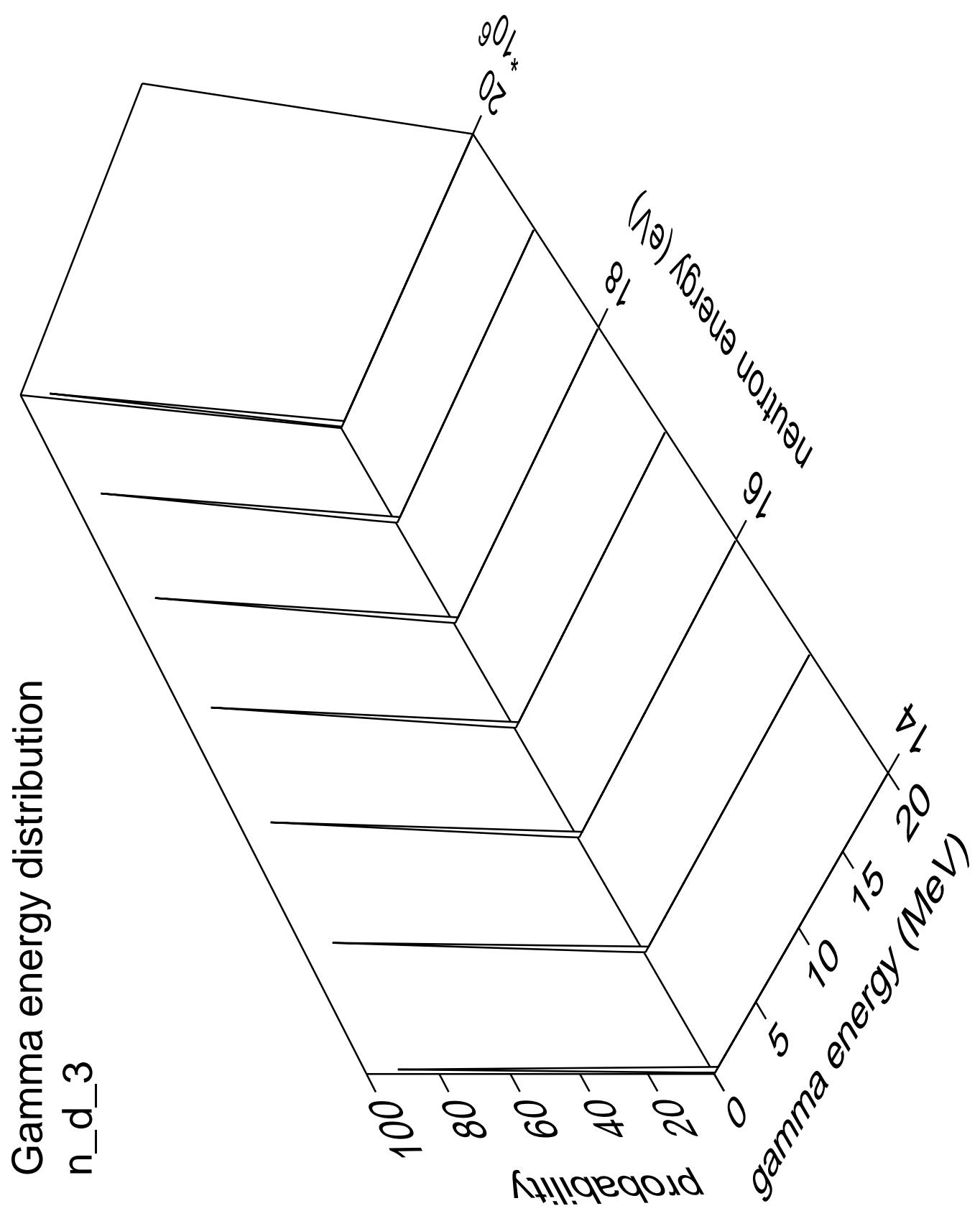
Neutron energy (eV)

16

18

100

20



Gamma angles distribution

n_d_3

Probability

10^0

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

Neutron energy (eV)

10⁰

10¹

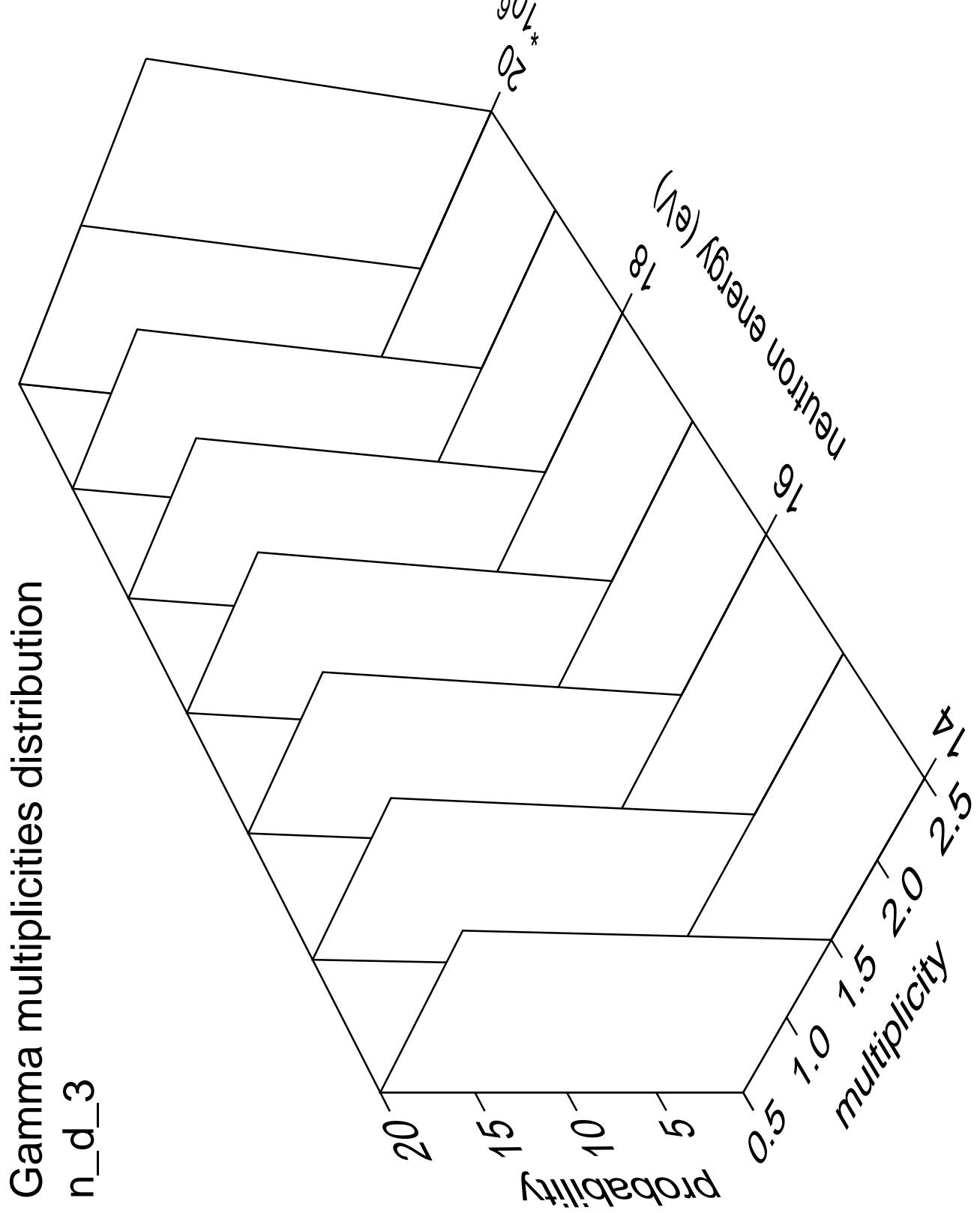
10²

10³

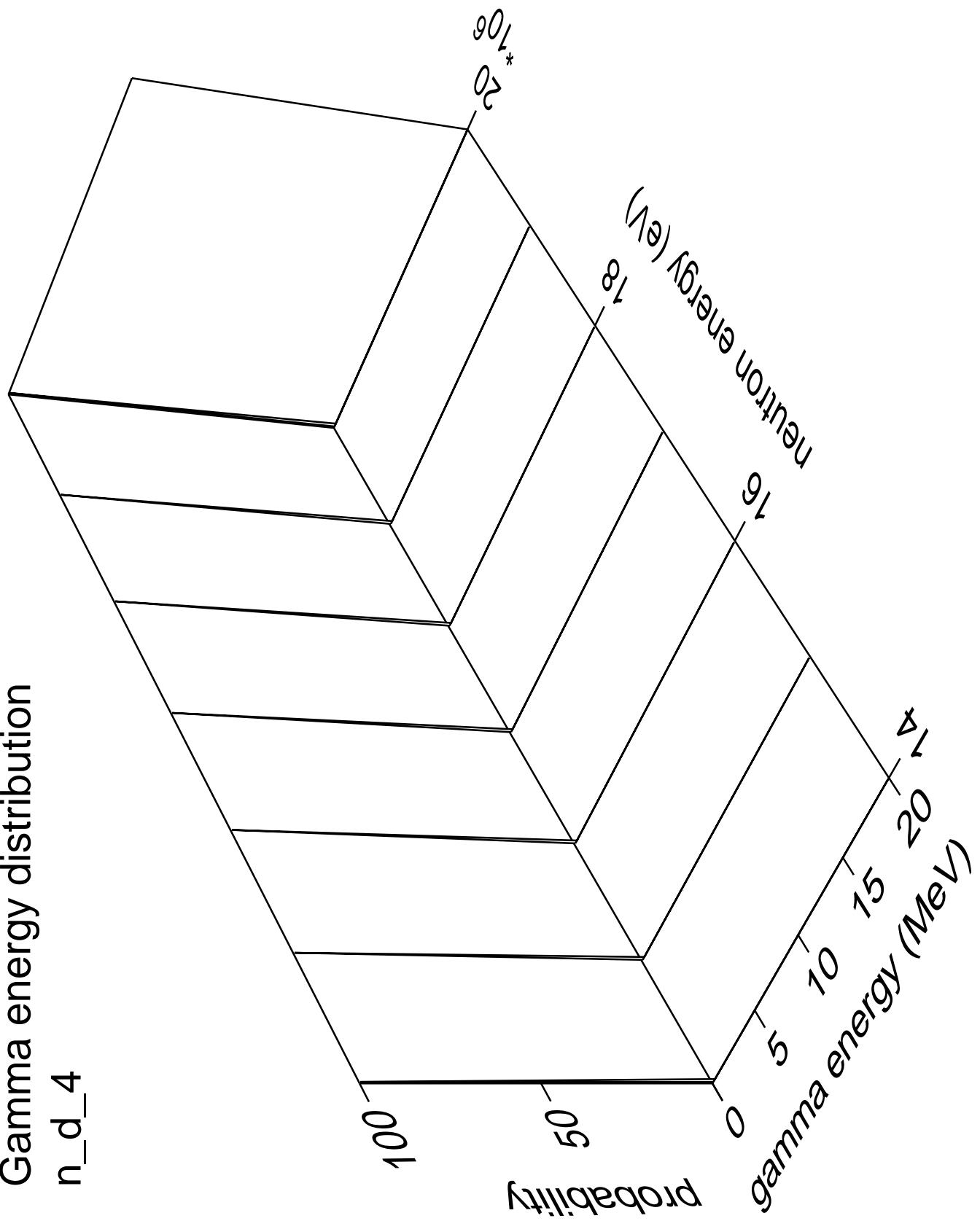
10⁴

10⁵

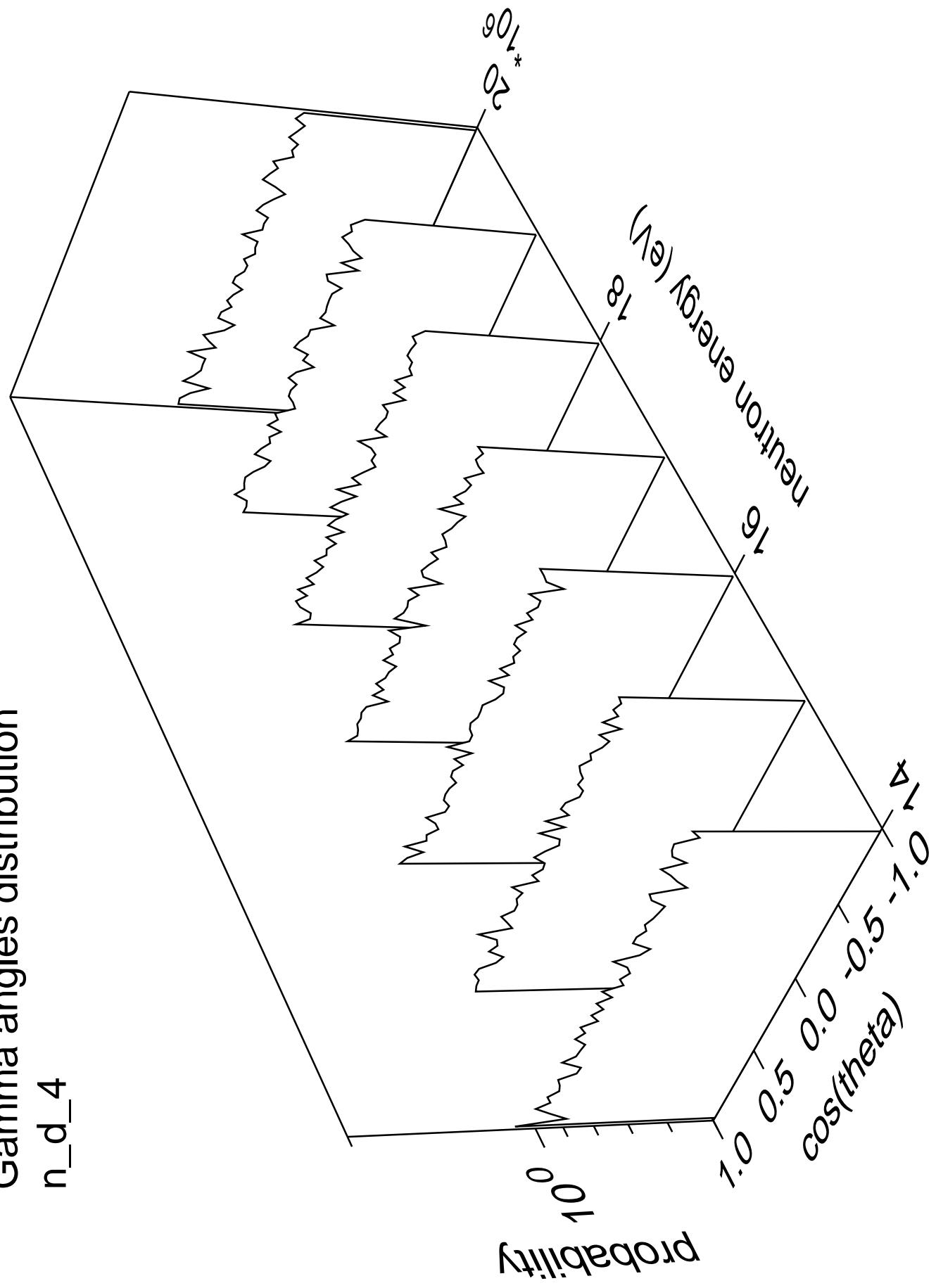
10⁶



Gamma energy distribution n_d_4



Gamma angles distribution
n_d_4



Gamma multiplicities distribution

n_d_4

Probability

multiplicity

4

2.0

1.5

1.0

0.5

Neutron energy (eV)

100
200
300

180
160
140

120
100
80

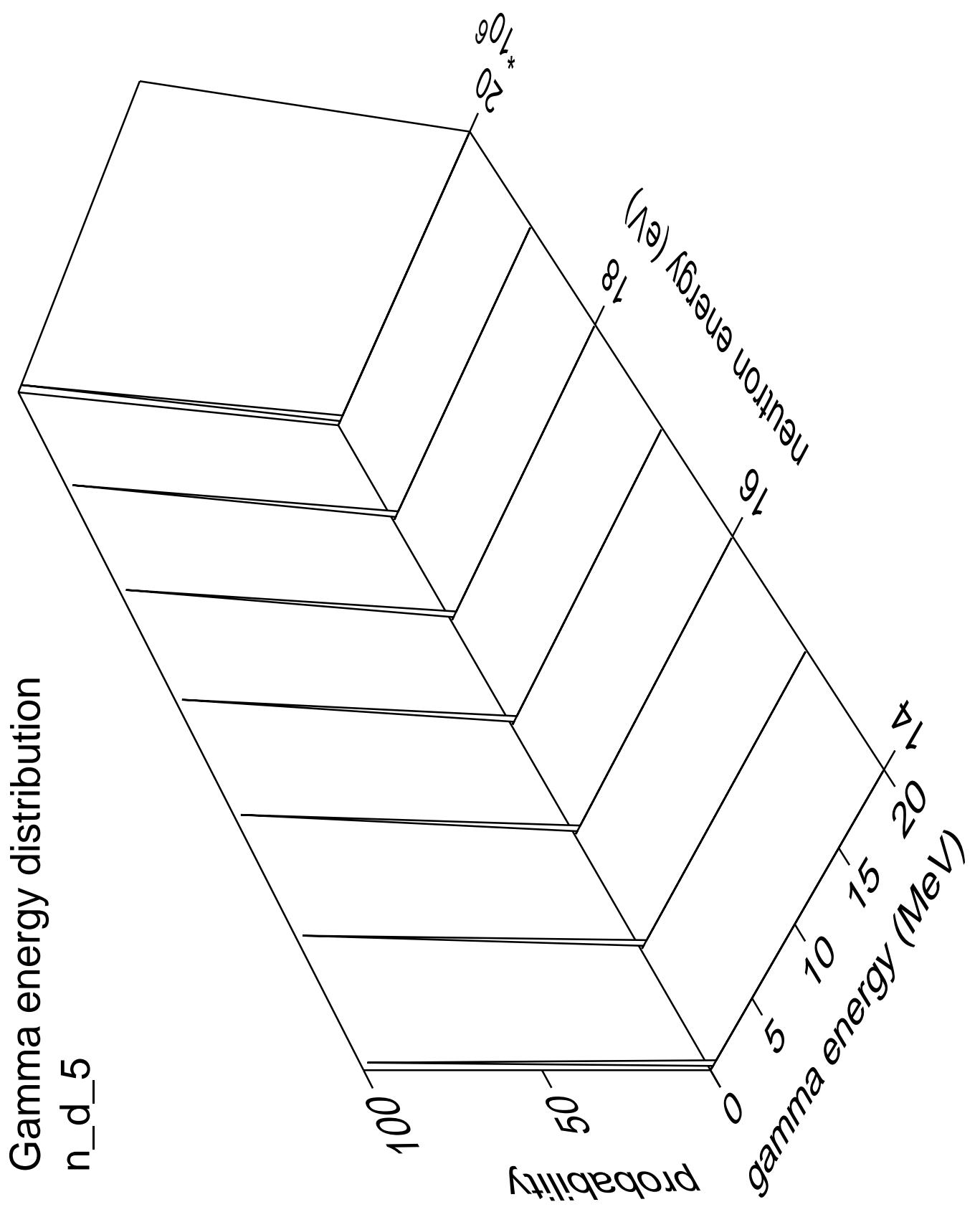
100
80
60

80
60
40

60
40
20

40
20

20



Gamma angles distribution

n_d_5

Probability

10^0

Neutron energy (eV)

10⁶

10⁵

10⁴

10³

10²

10¹

10⁰

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

Gamma multiplicities distribution

n_{d_5}

Probability

100

20

Neutron energy (eV)

16

multiplicity

4

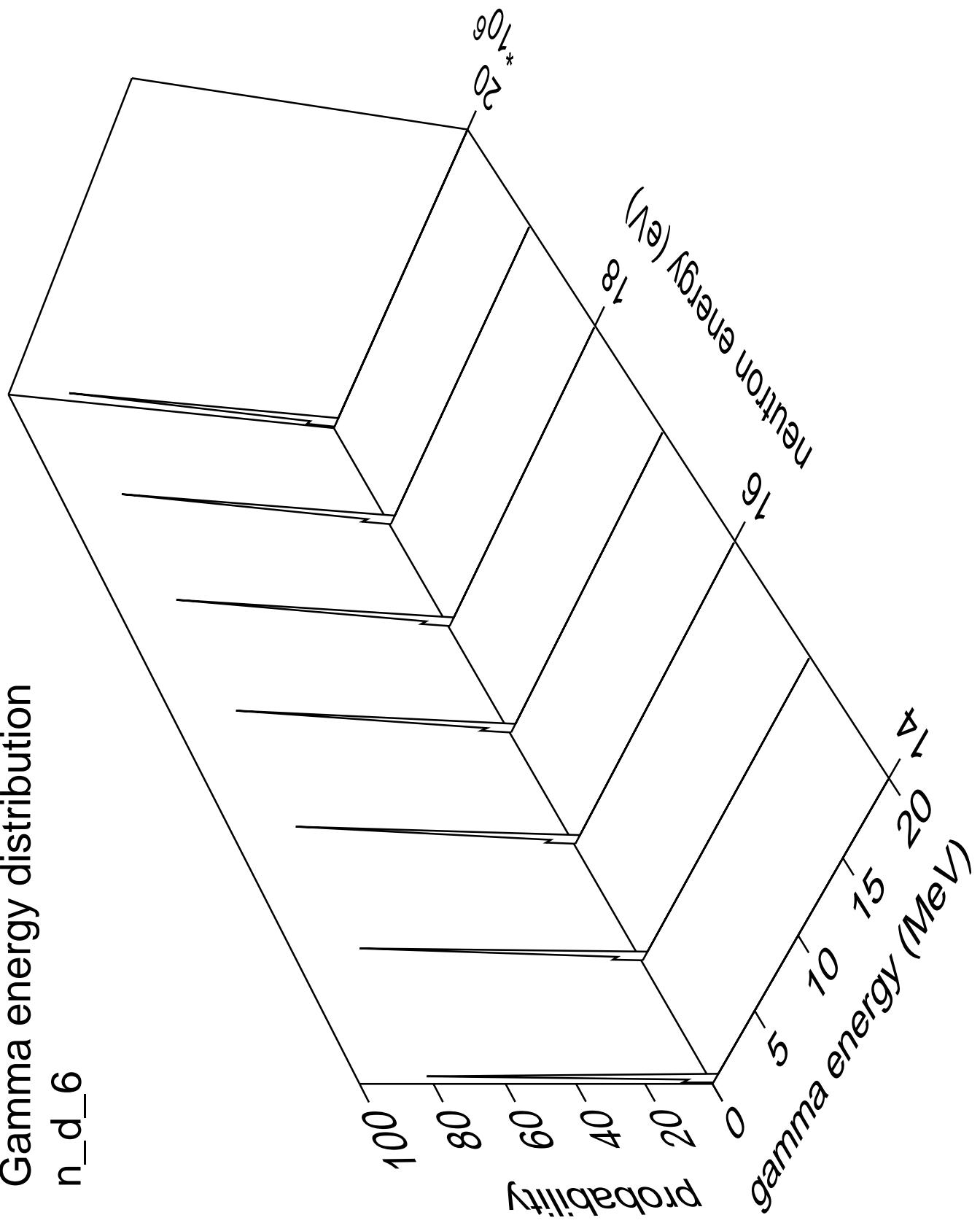
2.0

1.5

1.0

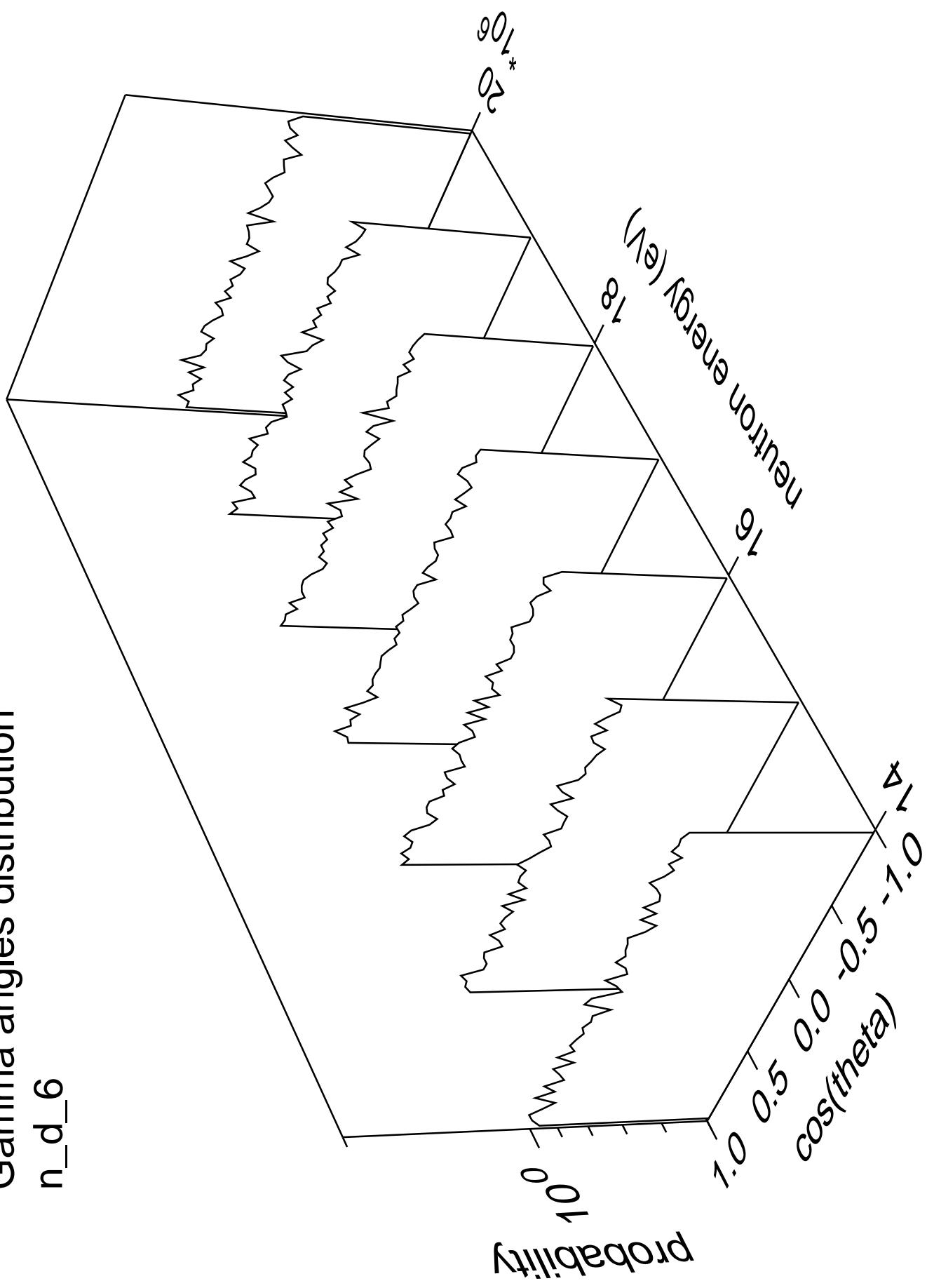
0.5

Gamma energy distribution n_d_6



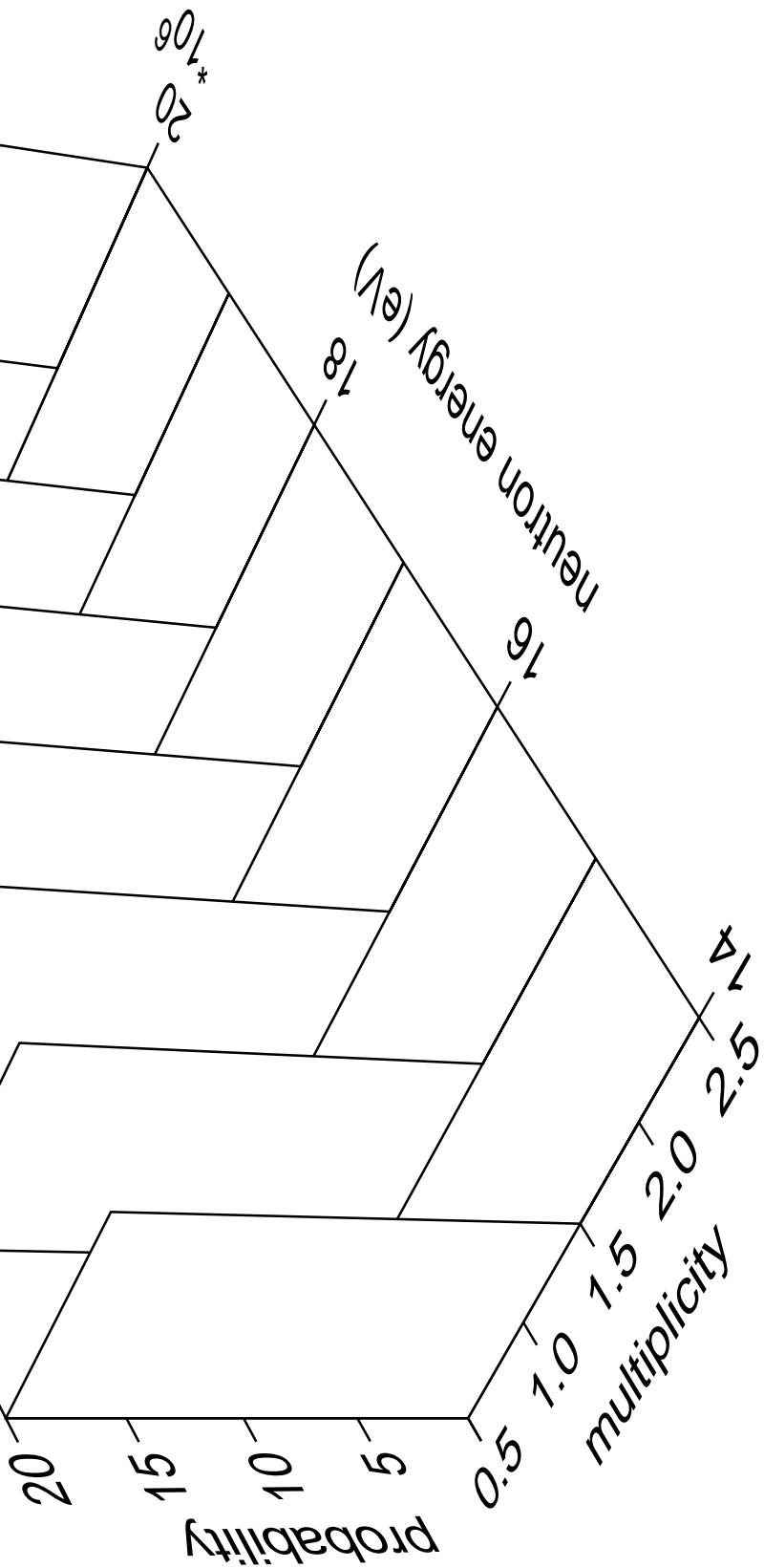
Gamma angles distribution

n_d_6

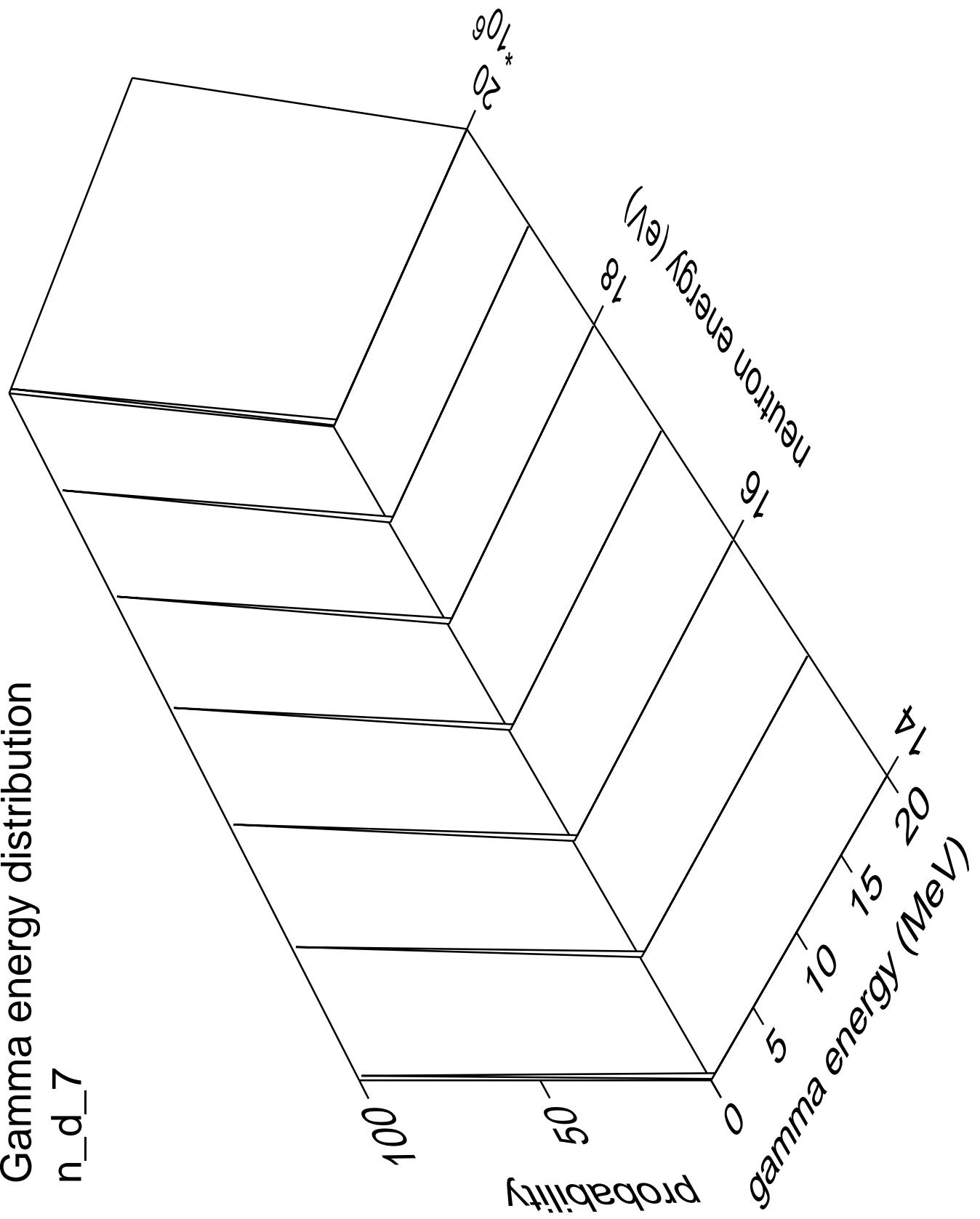


Gamma multiplicities distribution

n_{d_6}



Gamma energy distribution



Gamma angles distribution

n_d_7

Probability

10^0

Δ

1.0

0.5

0.0

-0.5

-1.0

$\cos(\theta)$

10^0

20

30

40

50

60

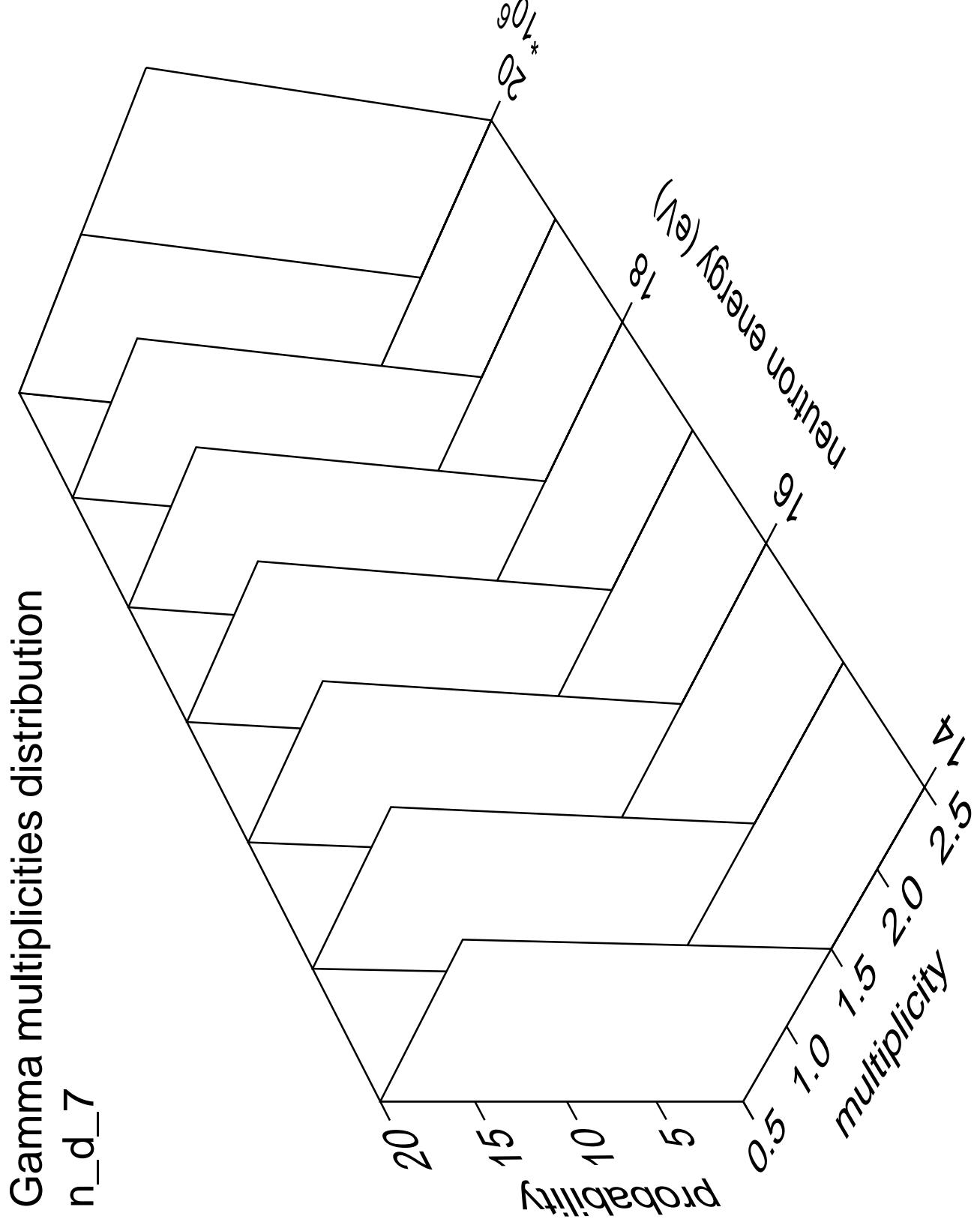
70

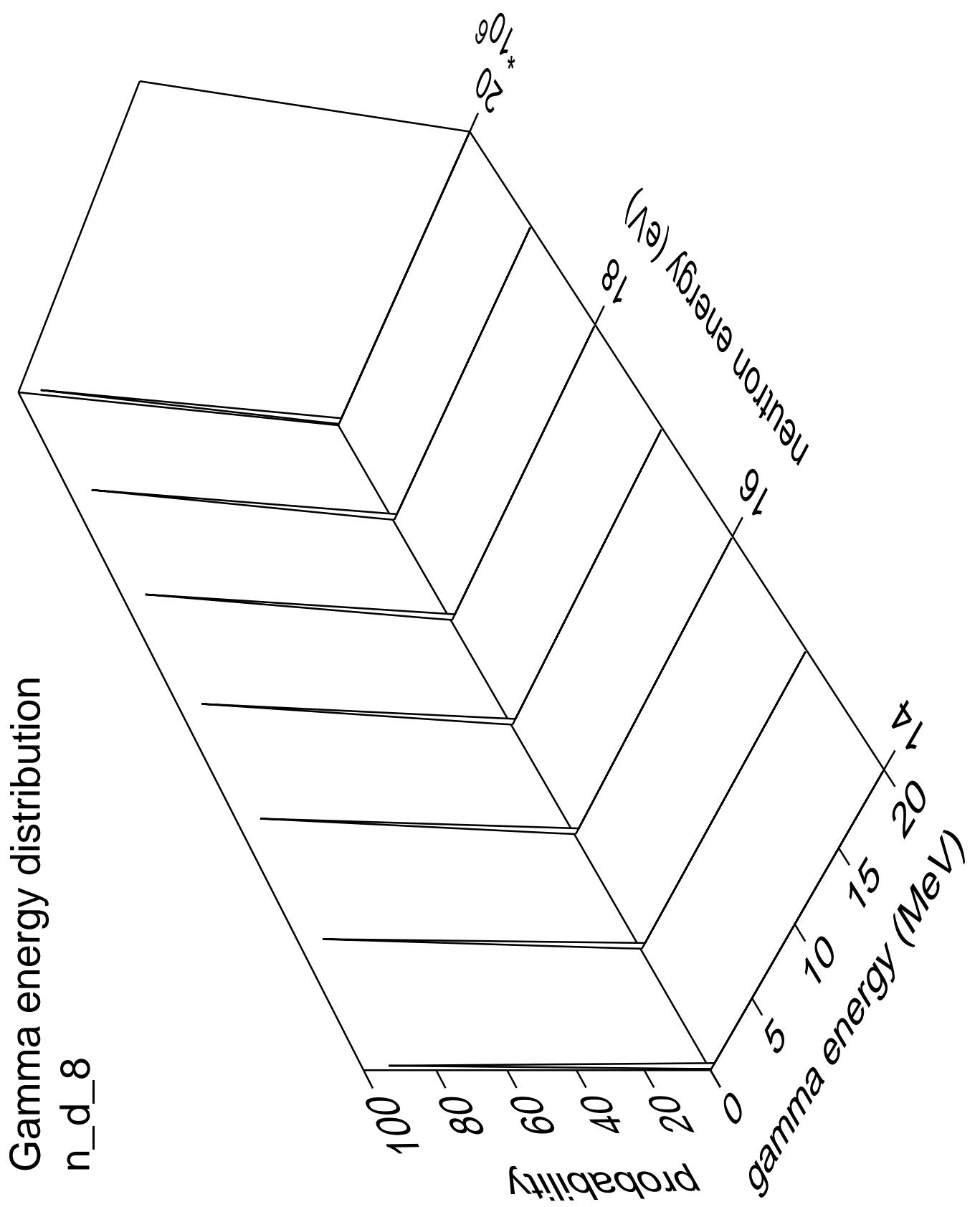
80

90

100

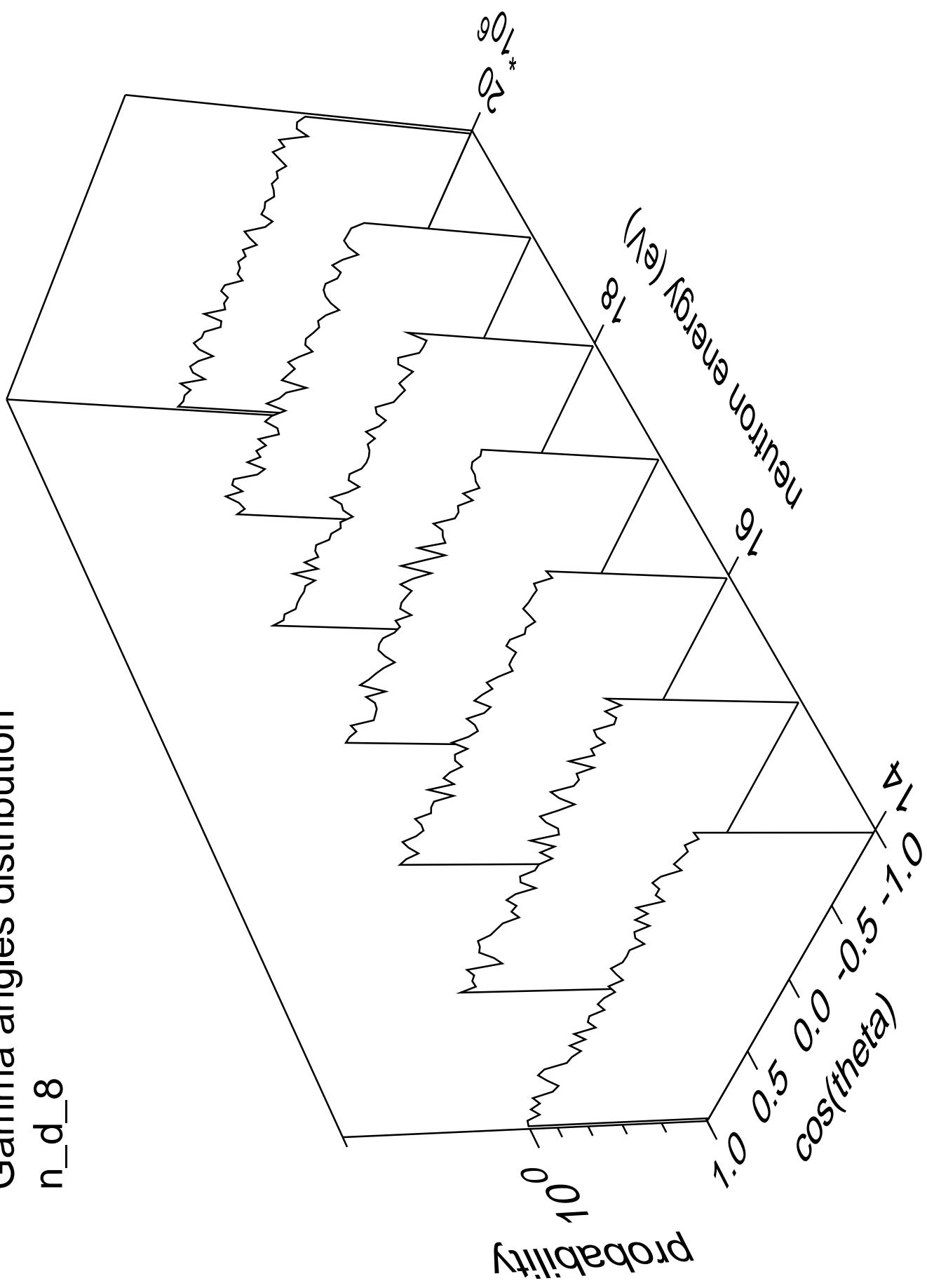
neutron energy (eV)





Gamma angles distribution

n_d_8



Gamma multiplicities distribution

n_d_8

Probability

100

20

Neutron energy (eV)

16

multiplicity

4

2.5

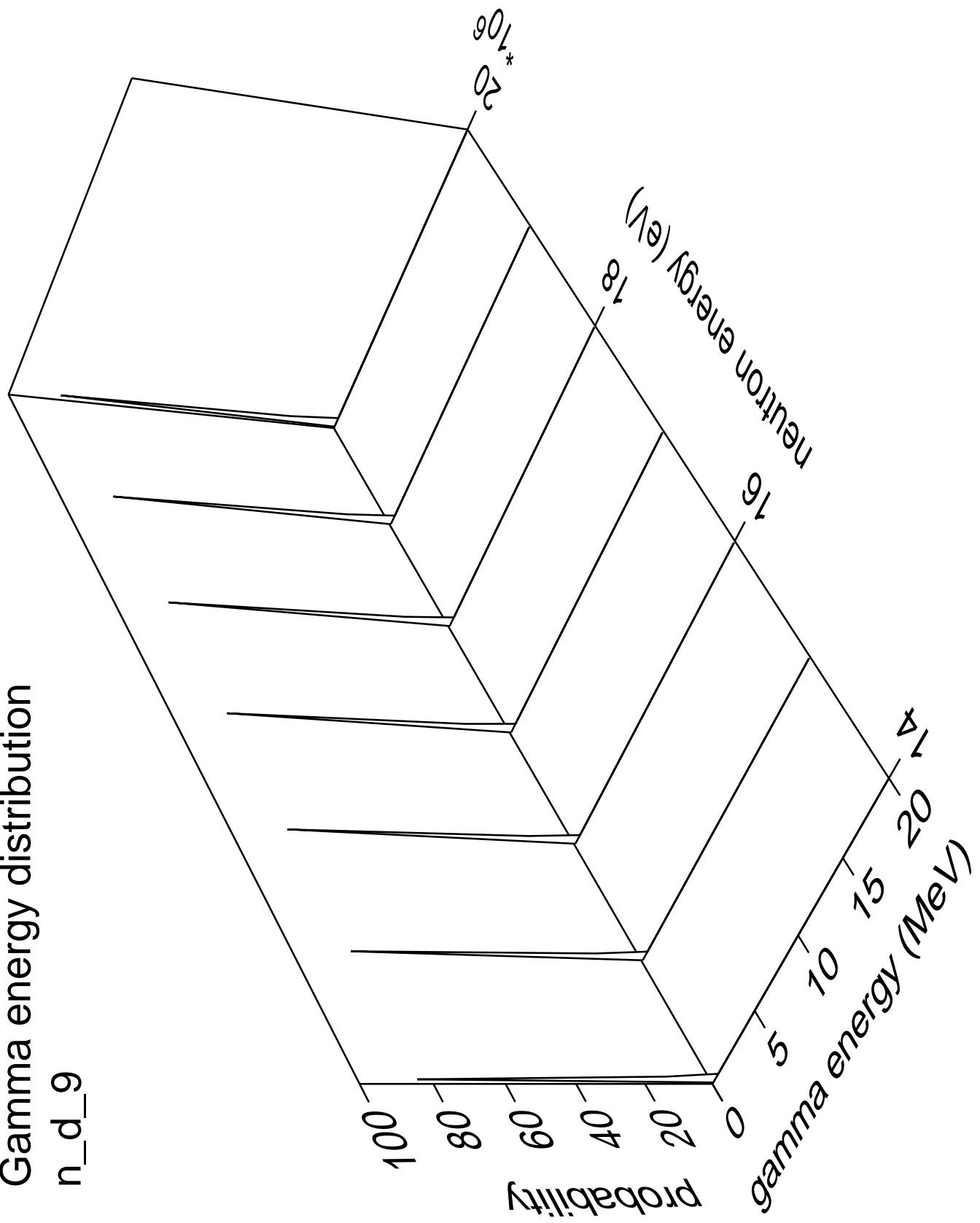
2.0

1.5

1.0

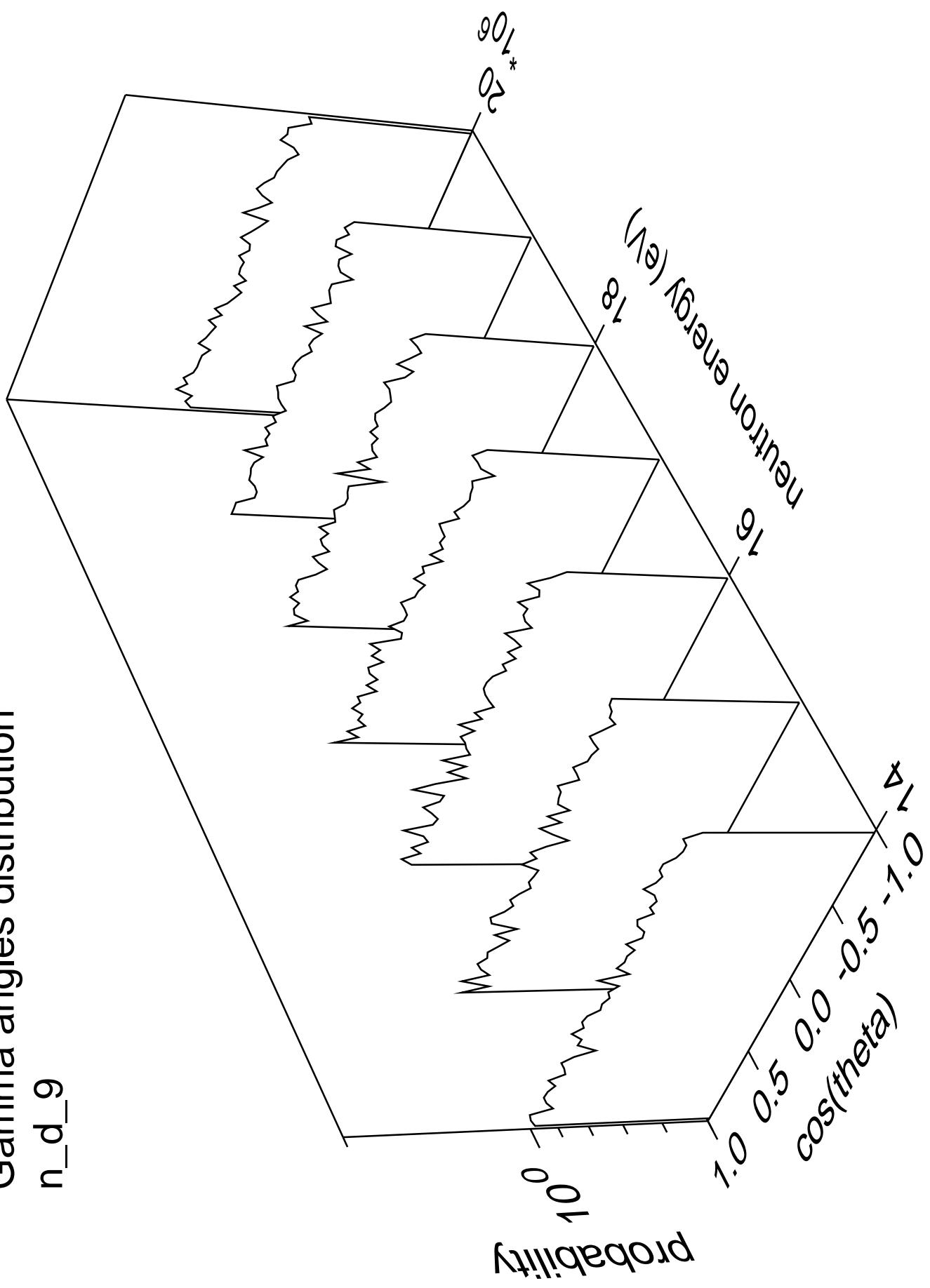
0.5

Gamma energy distribution n_d_9



Gamma angles distribution

n_d_9



Gamma multiplicities distribution

n_d_9

Probability

100

20

Neutron energy (eV)

16

multiplicity

4

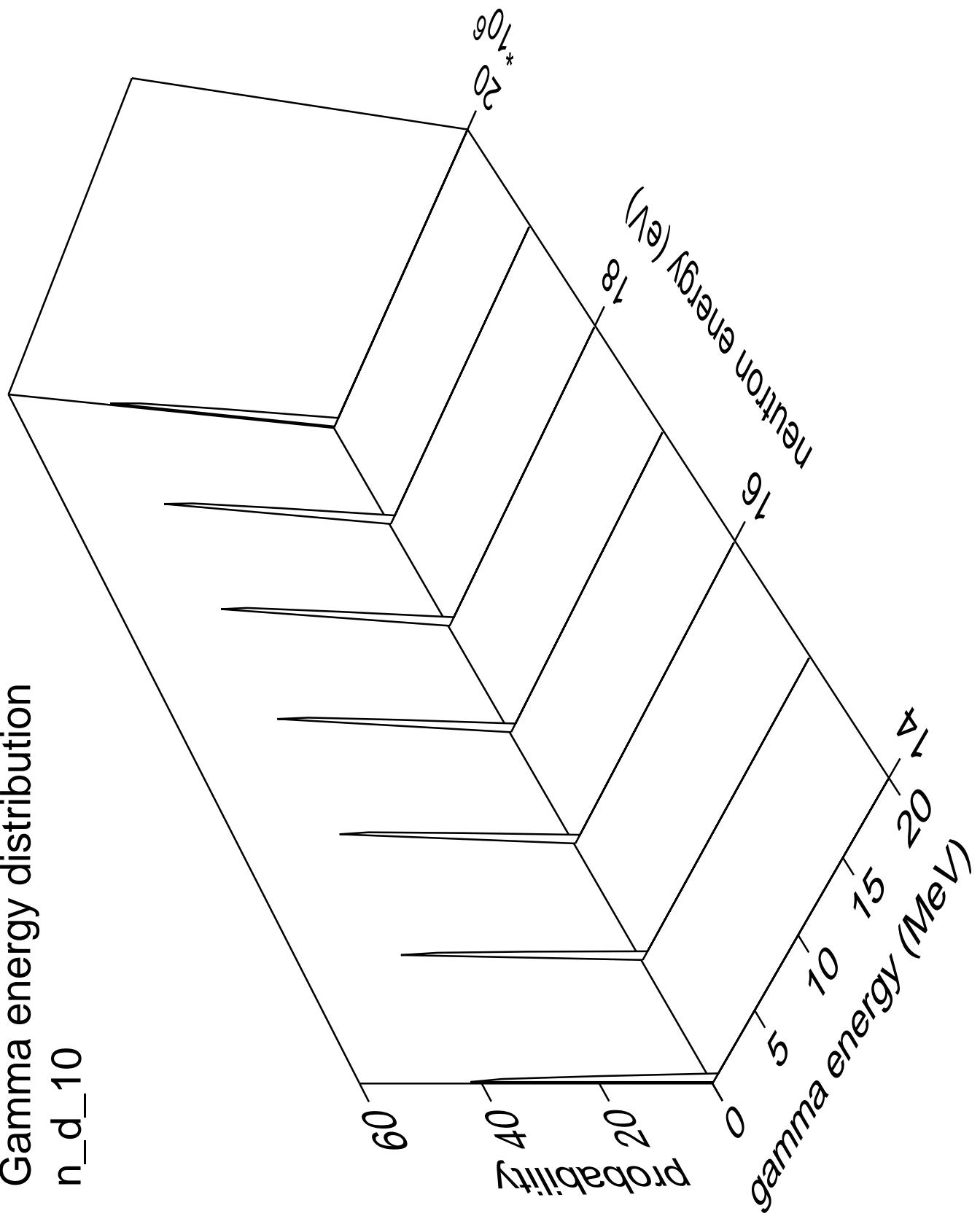
2.0

1.5

1.0

0.5

Gamma energy distribution n_d_10



Gamma angles distribution

n_d_10

Probability

10^0

10^6

10^2

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}

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10^{430}

10^{432}

10^{434}

10^{436}

10^{438}

10^{440}

10^{442}

10^{444}

10^{446}

10^{448}

10^{450}

10^{452}

10^{454}

10^{456}

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10^{466}

10^{468}

10^{470}

10^{472}

10^{474}

10^{476}

10^{478}

10^{480}

10^{482}

10^{484}

10^{486}

10^{488}

10^{490}

10^{492}

10^{494}

10^{496}

10^{498}

10^{500}

10^{502}

10^{504}

10^{506} </p

Gamma multiplicities distribution

n_d_{10}

Probability

multiplicity

4

2.5

2.0

1.5

1.0

0.5

Neutron energy (eV)

16

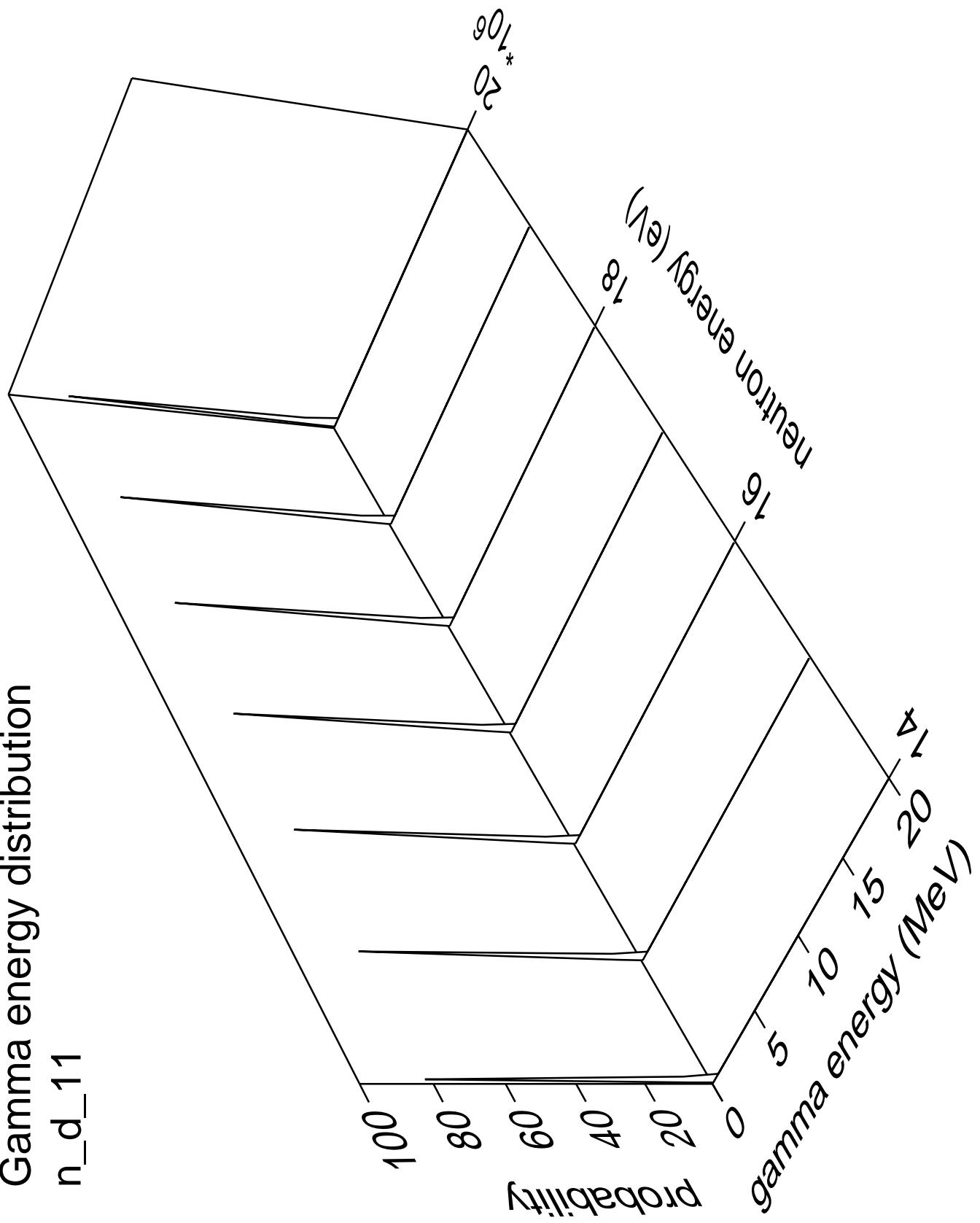
18

20

100

*

Gamma energy distribution n_d_11



Gamma angles distribution

n_d_{11}

Probability

10^0

10^6

10^2

10^8

10^4

10^1

10^{-1}

10^{-2}

10^{-3}

10^{-4}

10^{-5}

10^{-6}

10^{-7}

10^{-8}

10^{-9}

10^{-10}

10^{-11}

10^{-12}

10^{-13}

10^{-14}

10^{-15}

10^{-16}

10^{-17}

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10^{-244}

10^{-245}

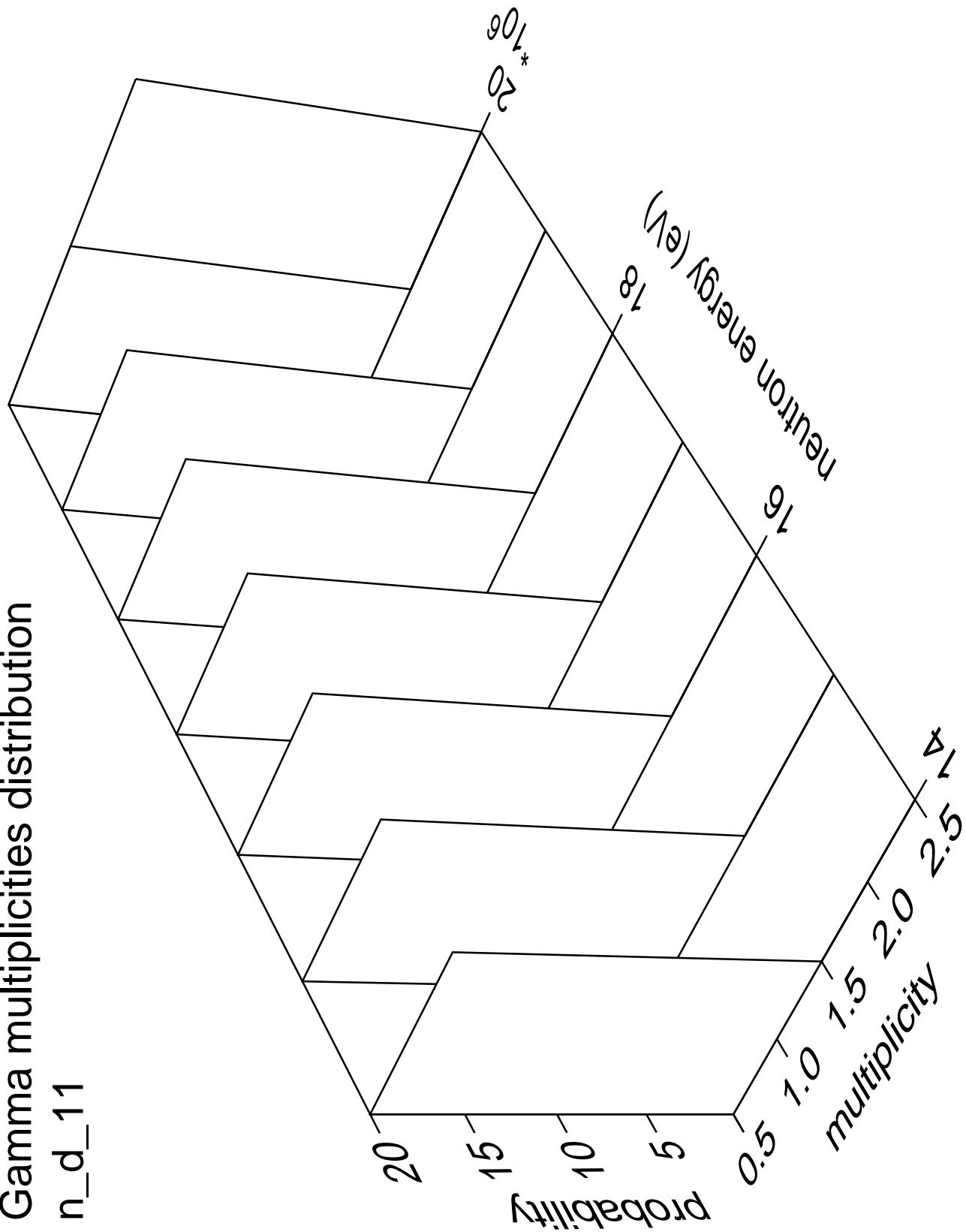
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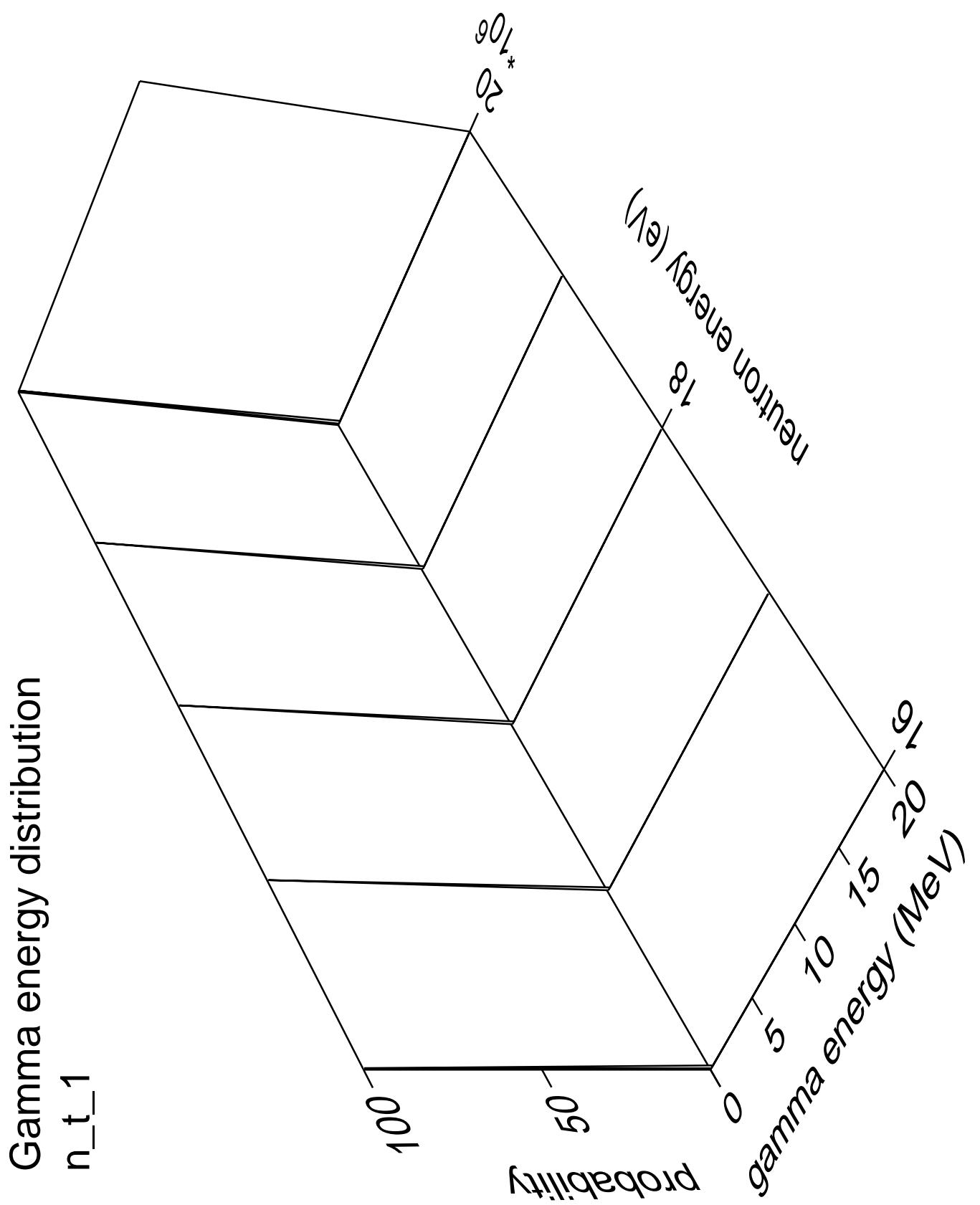
10^{-247}

10^{-248}

Gamma multiplicities distribution

n_d_{11}





Gamma angles distribution

n_{t_1}

Probability

10^0

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

neutron energy (eV)

10^8

10^7

10^6

10^5

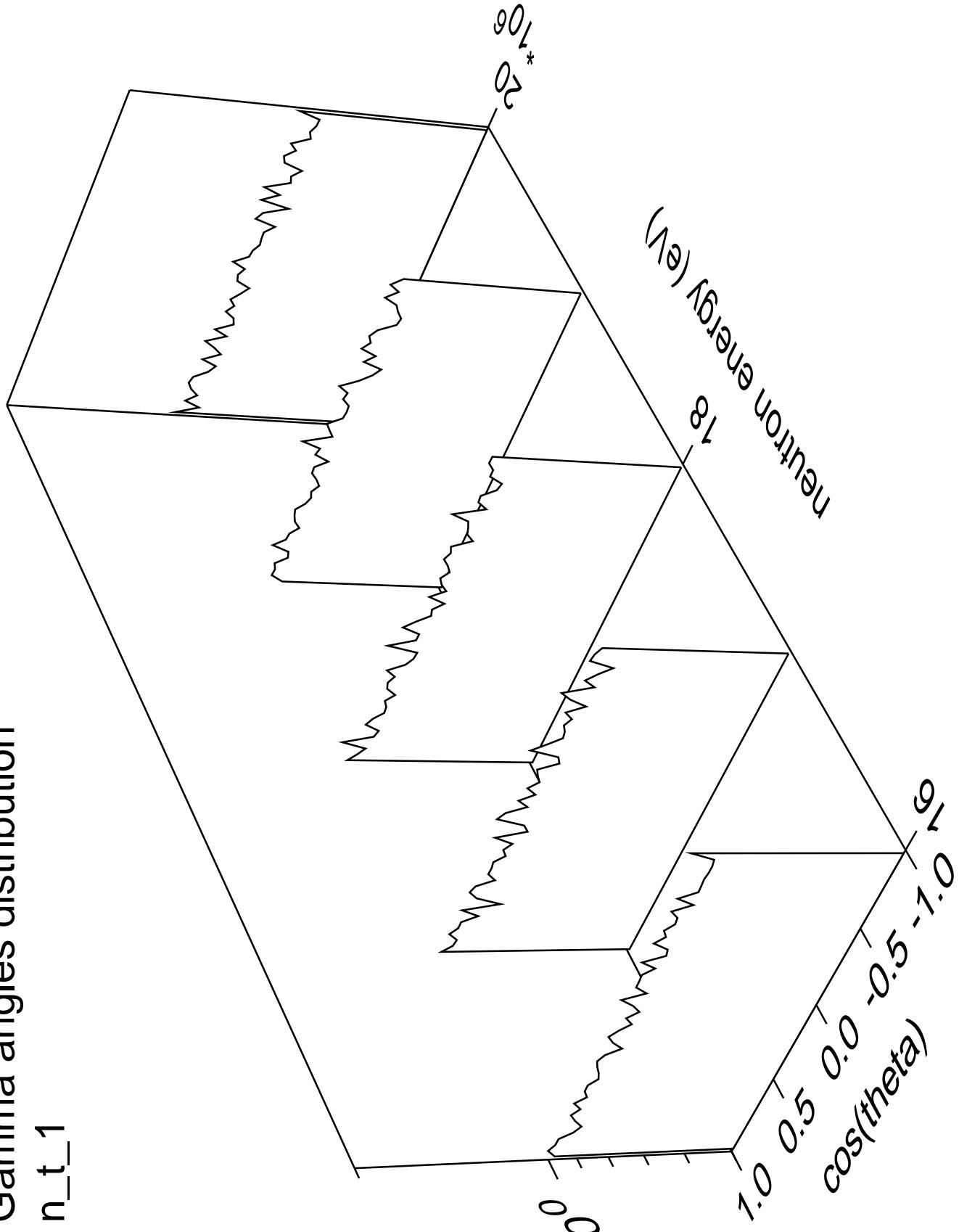
10^4

10^3

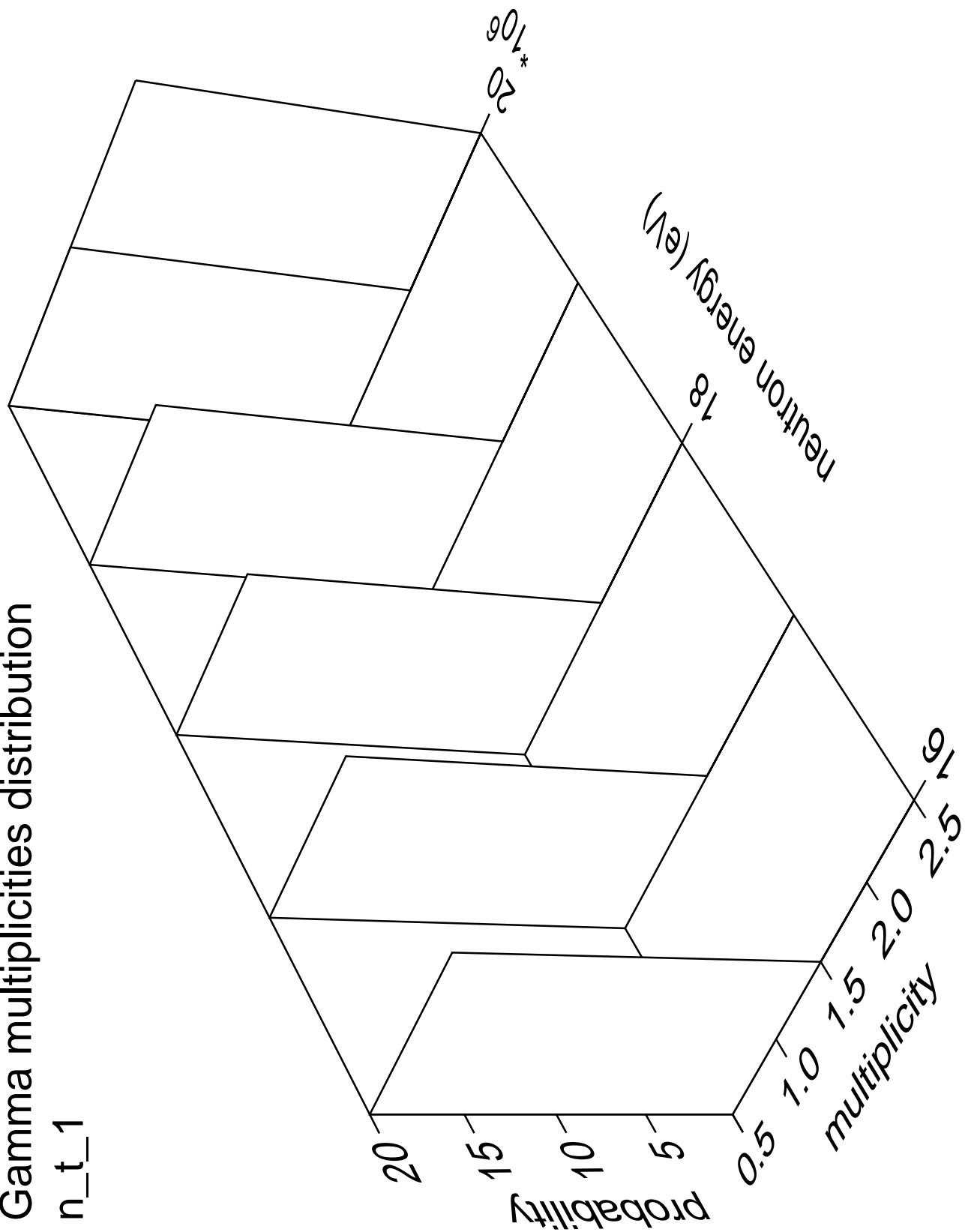
10^2

10^1

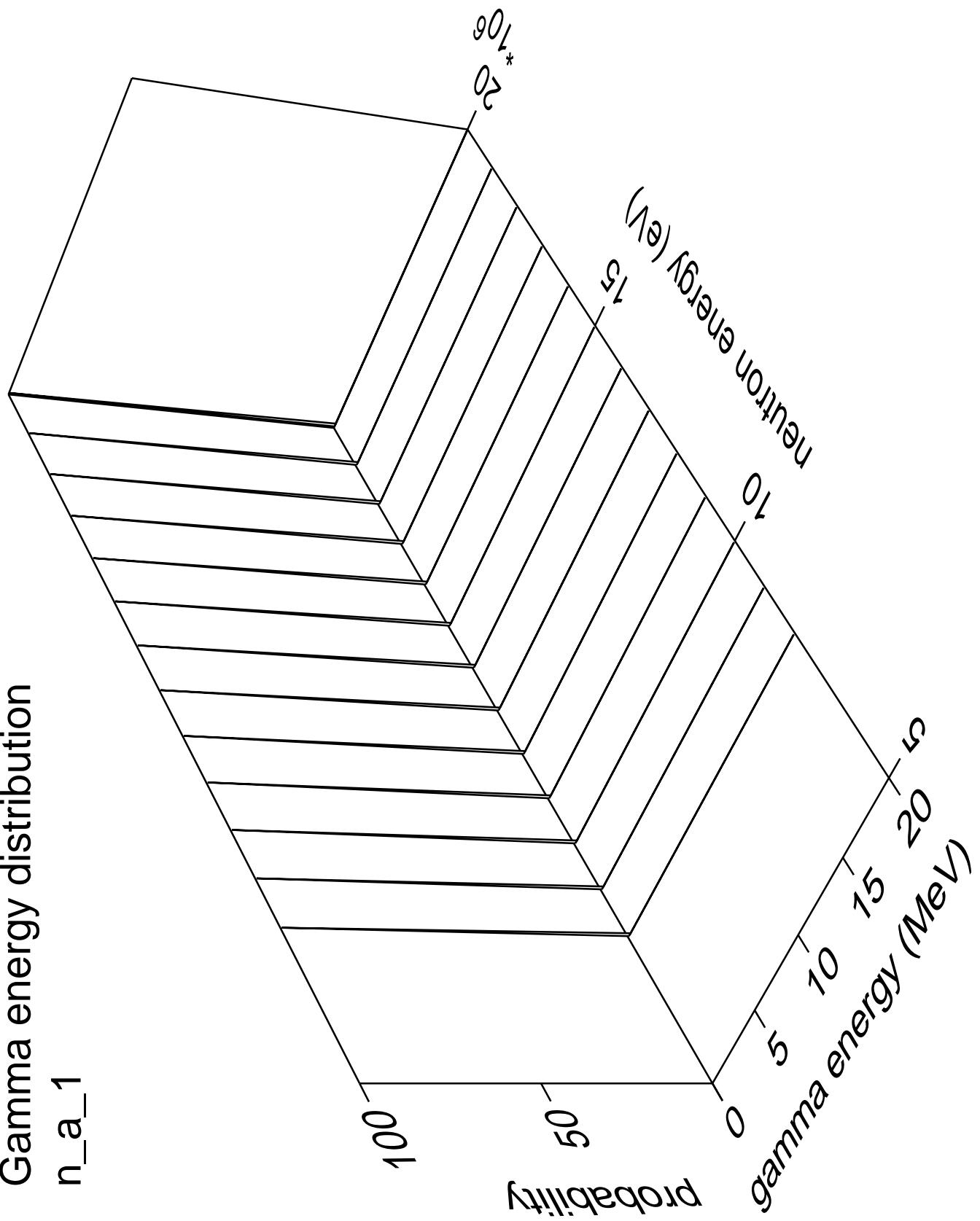
10^0



Gamma multiplicities distribution
 n_{t_1}



n_{α_1}



Gamma angles distribution

n_a_1

Probability

10^0

Neutron energy (eV)

10^6

10^5

10^4

10^3

10^2

10^1

10^0

$\cos(\theta)$

1.0

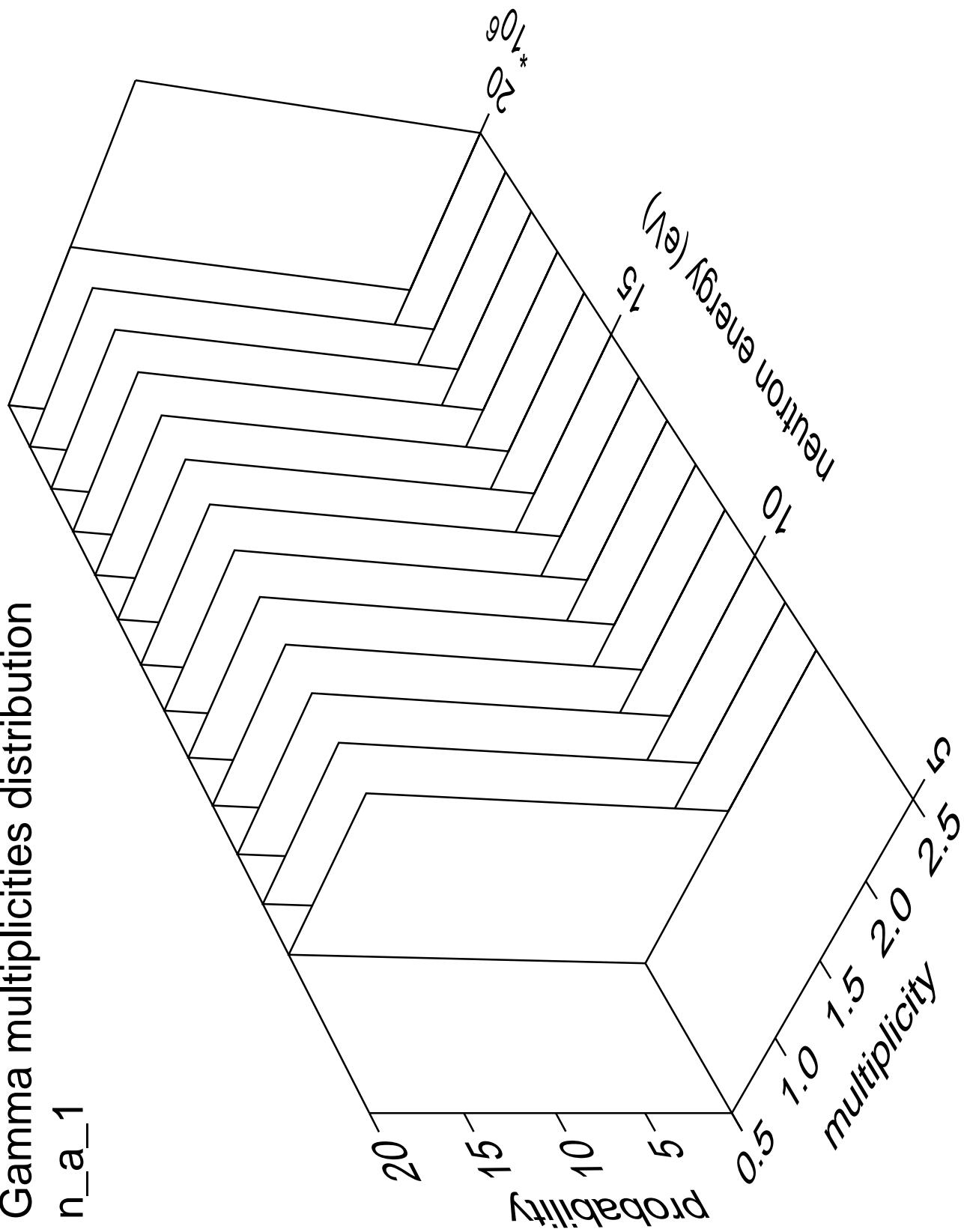
0.5

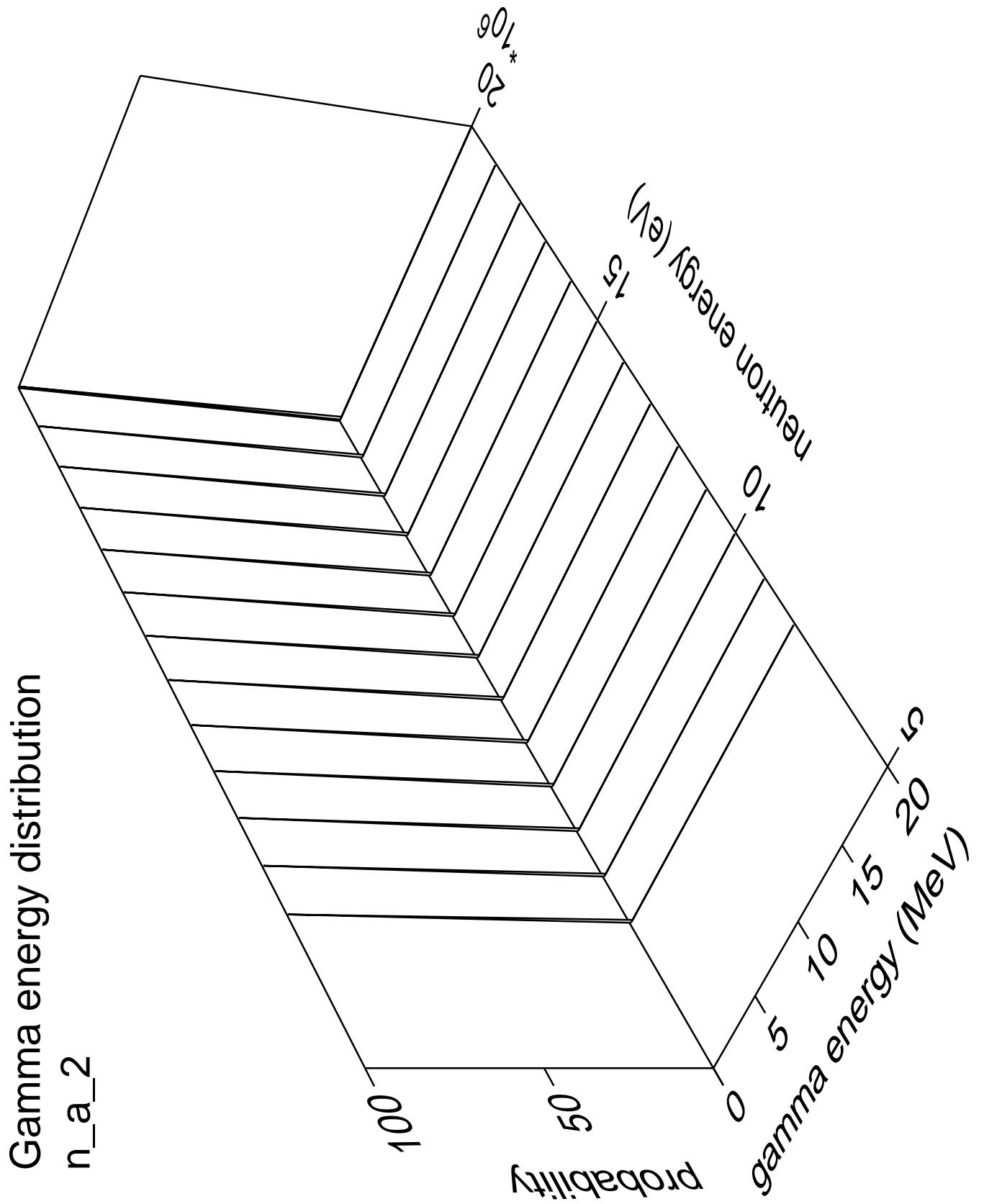
0.0

-0.5

-1.0

Gamma multiplicities distribution



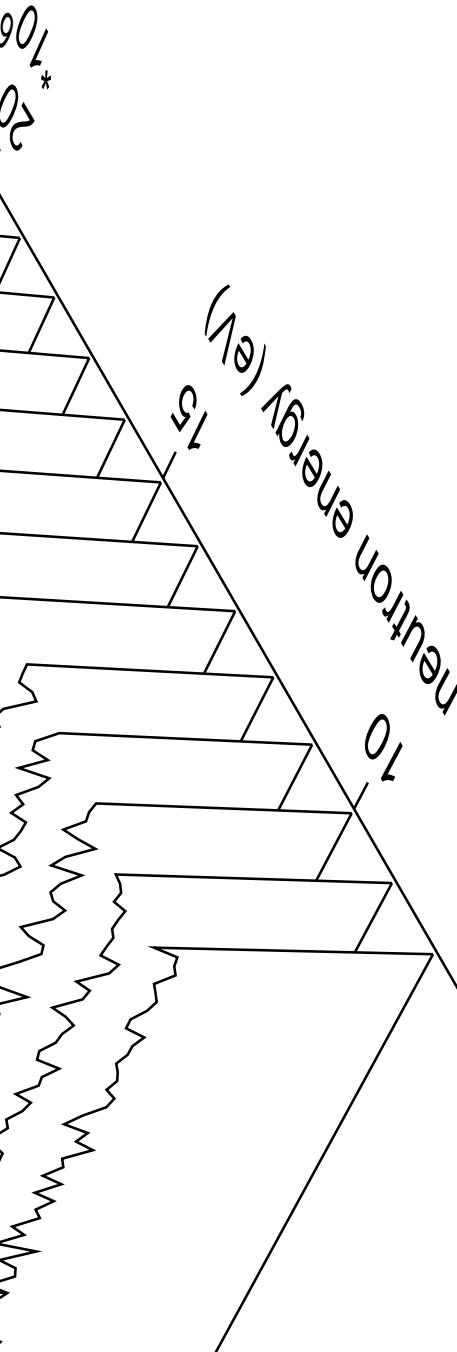


Gamma angles distribution

n_a_2

Probability

10^0



cos(theta)

-1.0

0.0

0.5

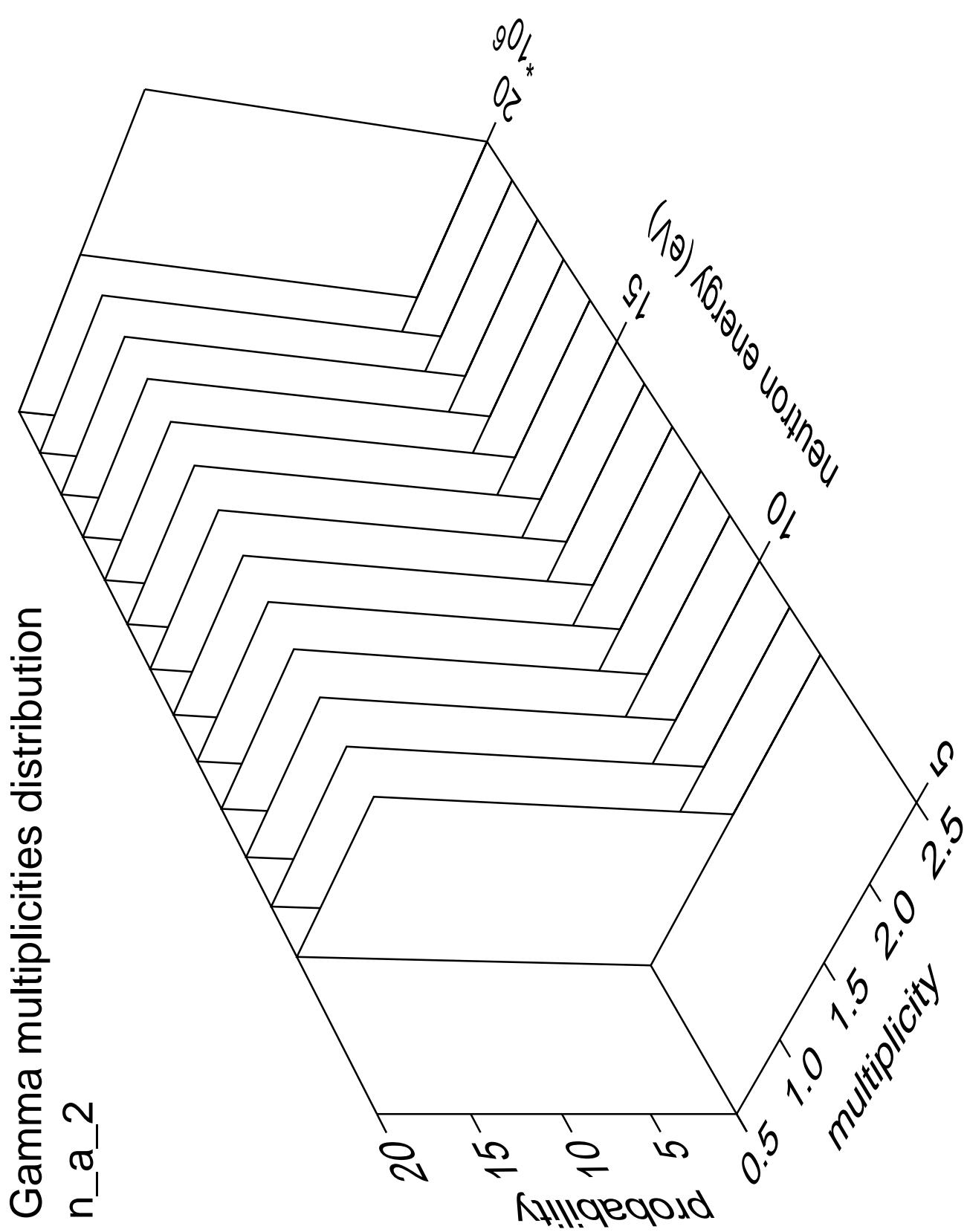
1.0

neutron energy (eV)

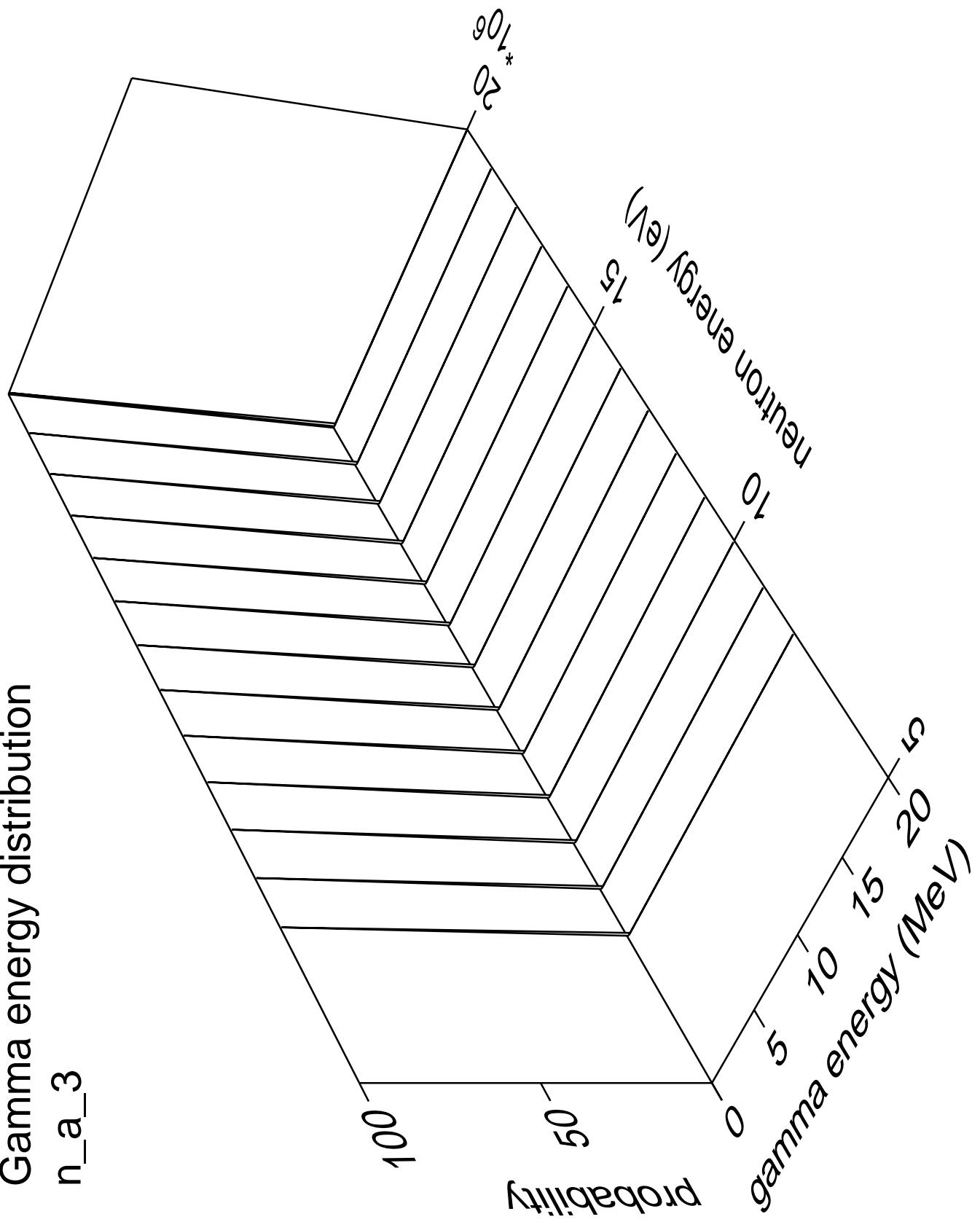
0

10^3

10^6

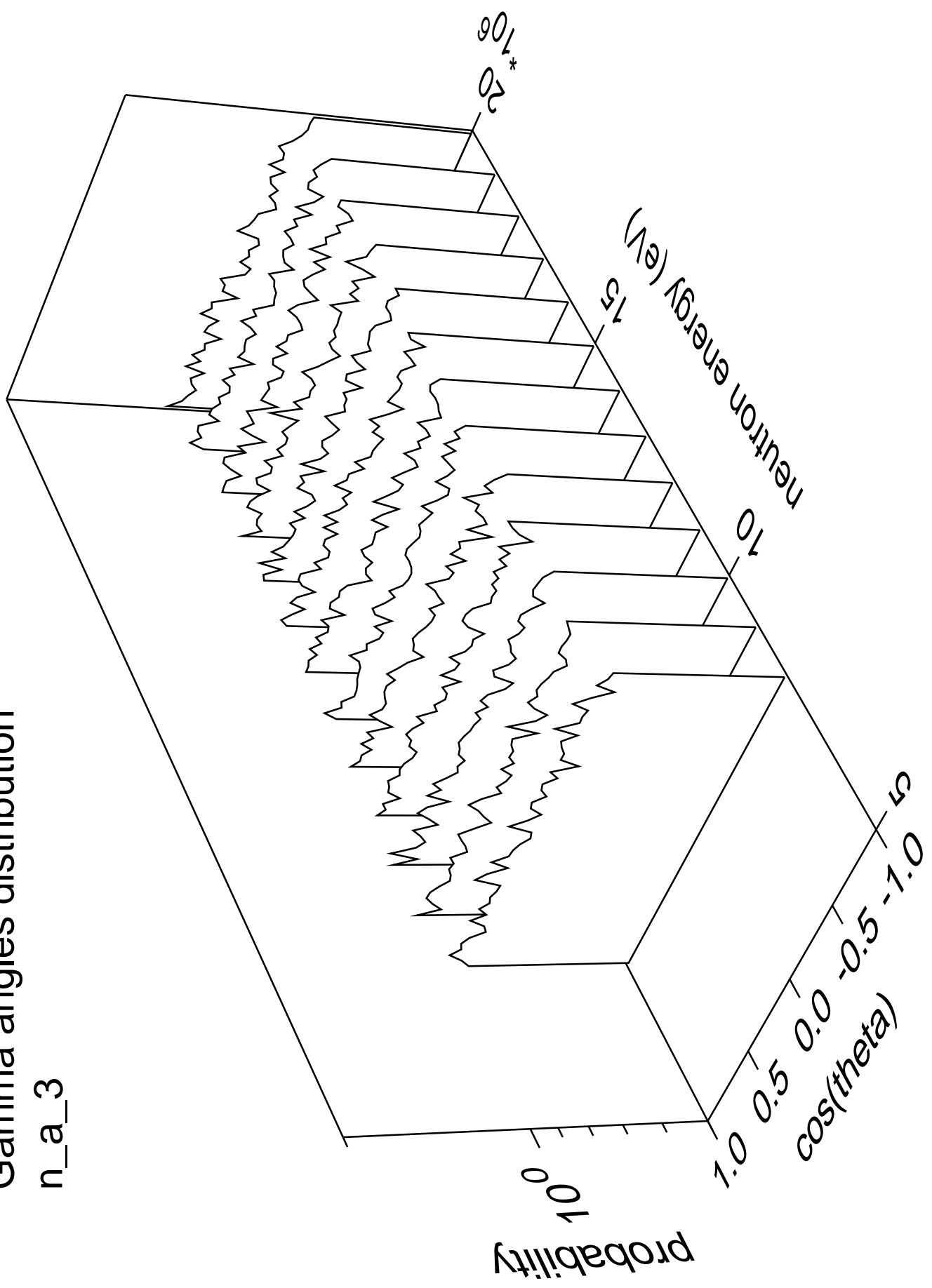


Gamma energy distribution n_a_3

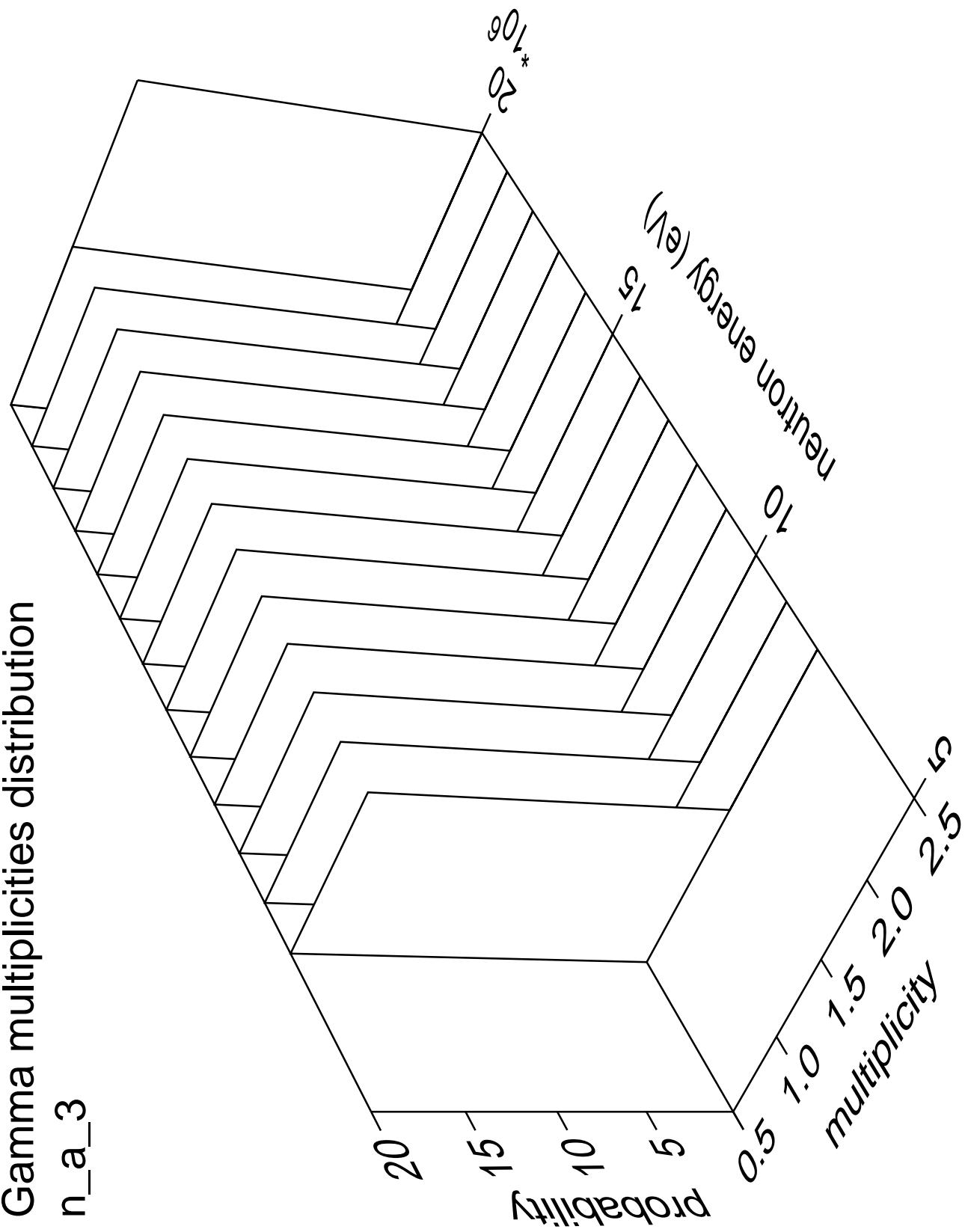


Gamma angles distribution

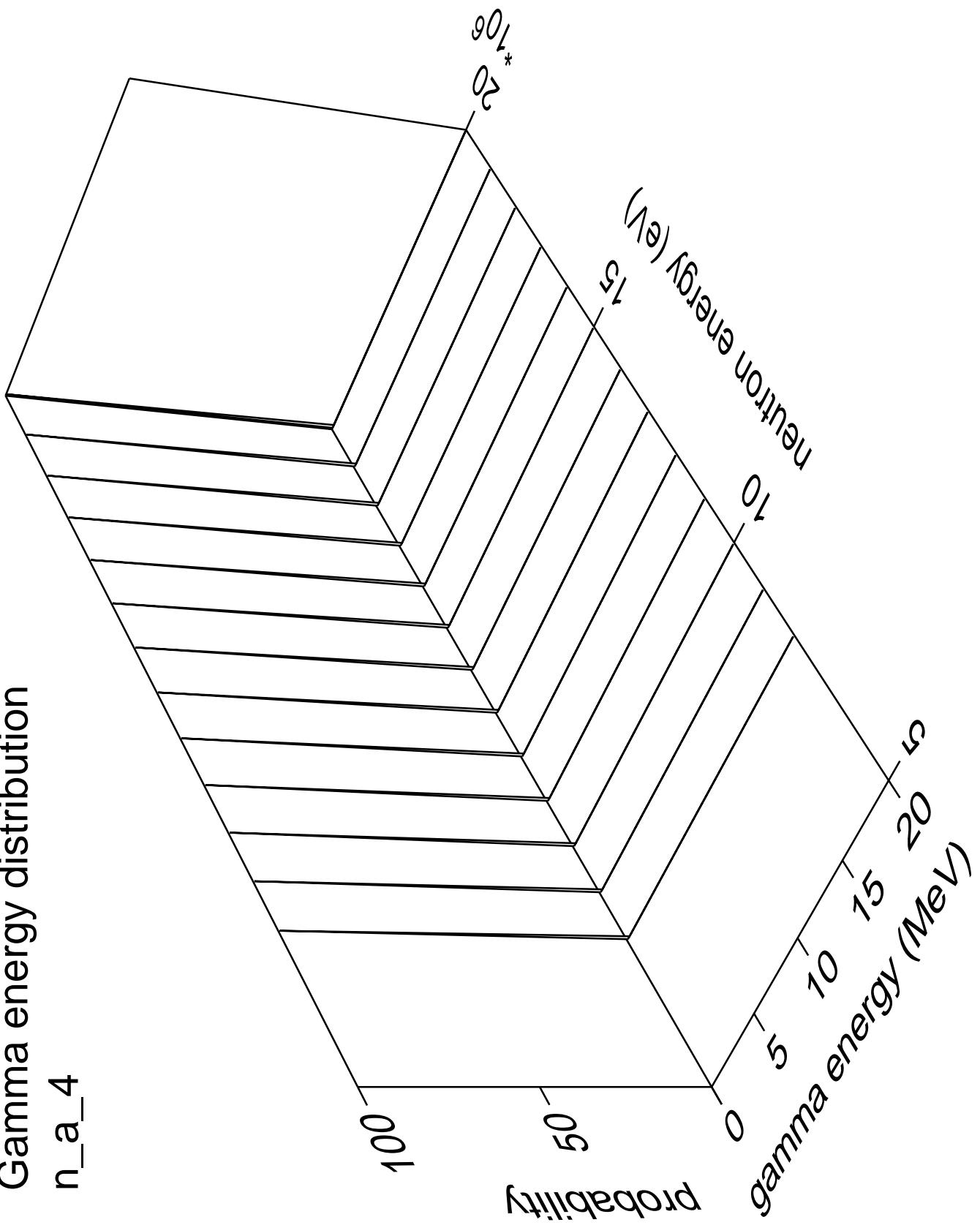
n_a_3



Gamma multiplicities distribution

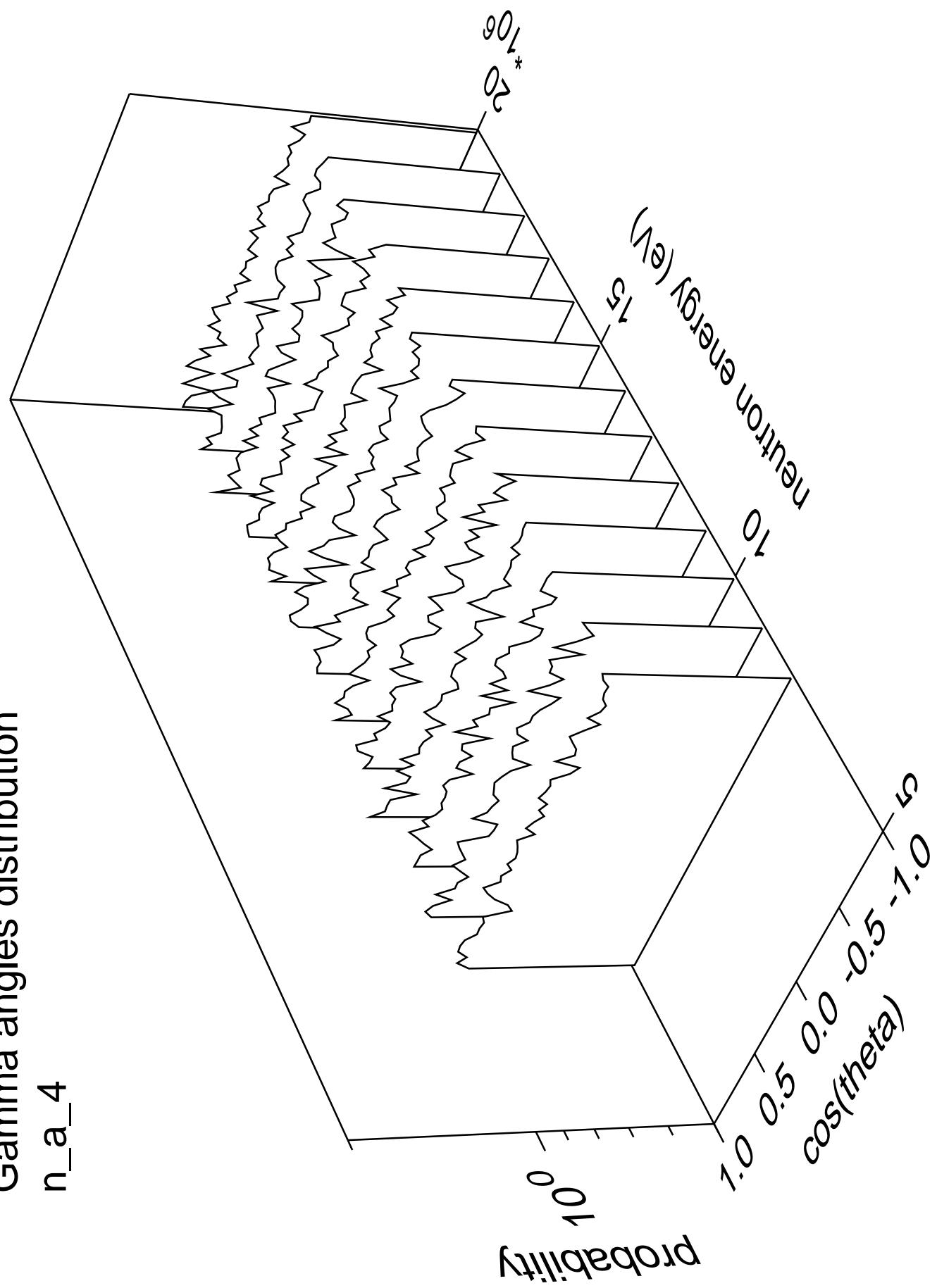


Gamma energy distribution n_a_4

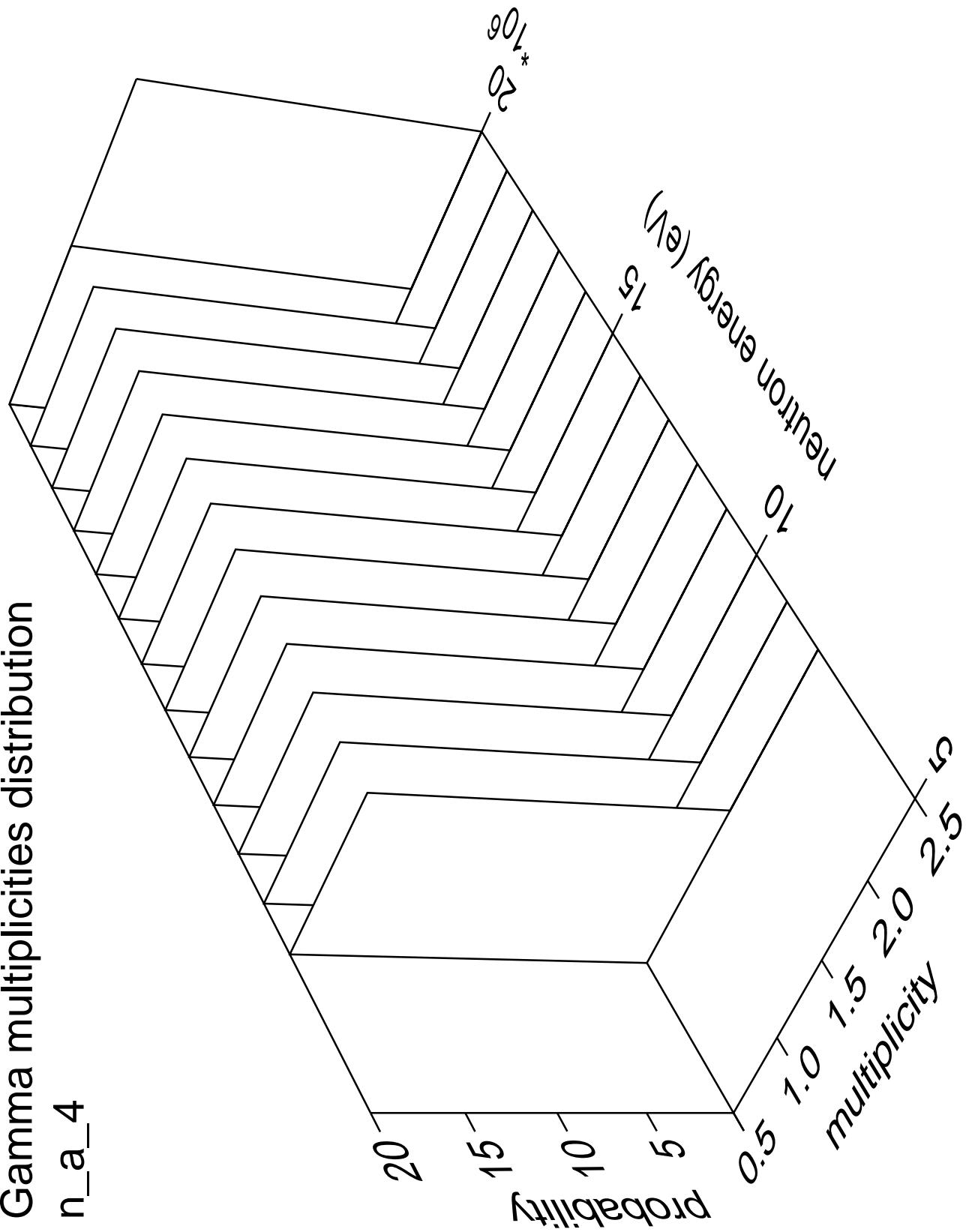


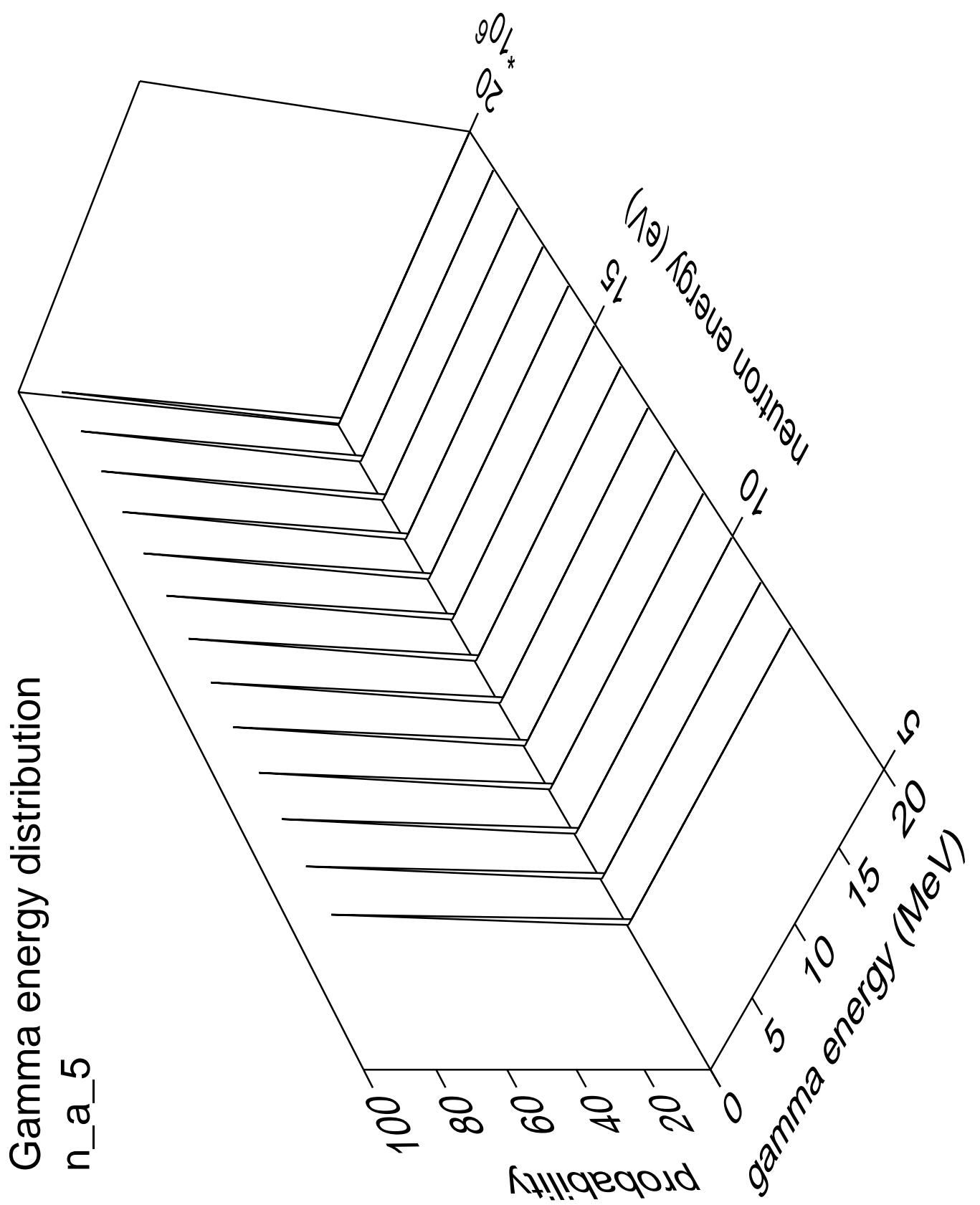
Gamma angles distribution

n_a_4



Gamma multiplicities distribution n_a_4





Gamma angles distribution

n_a_5

