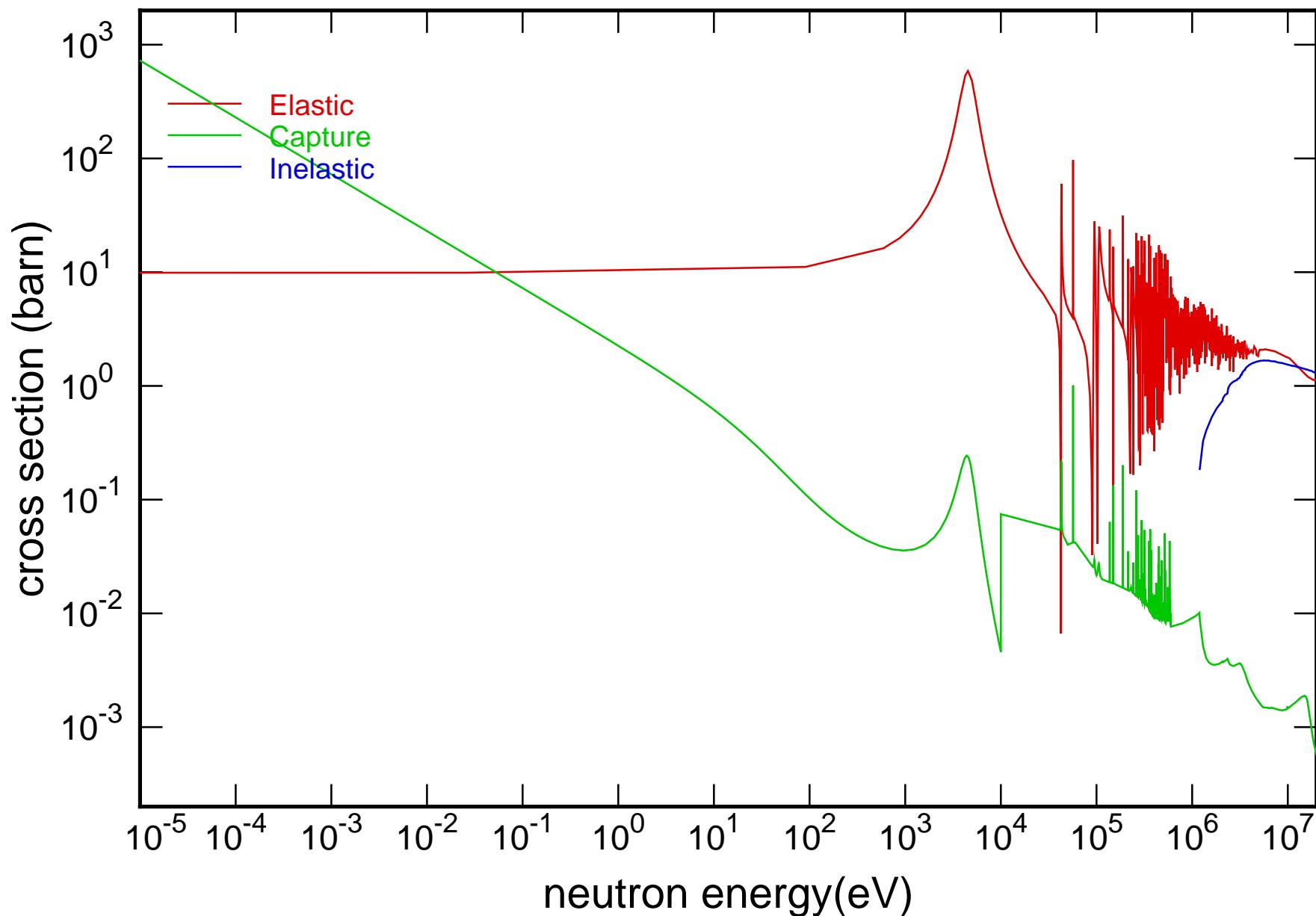
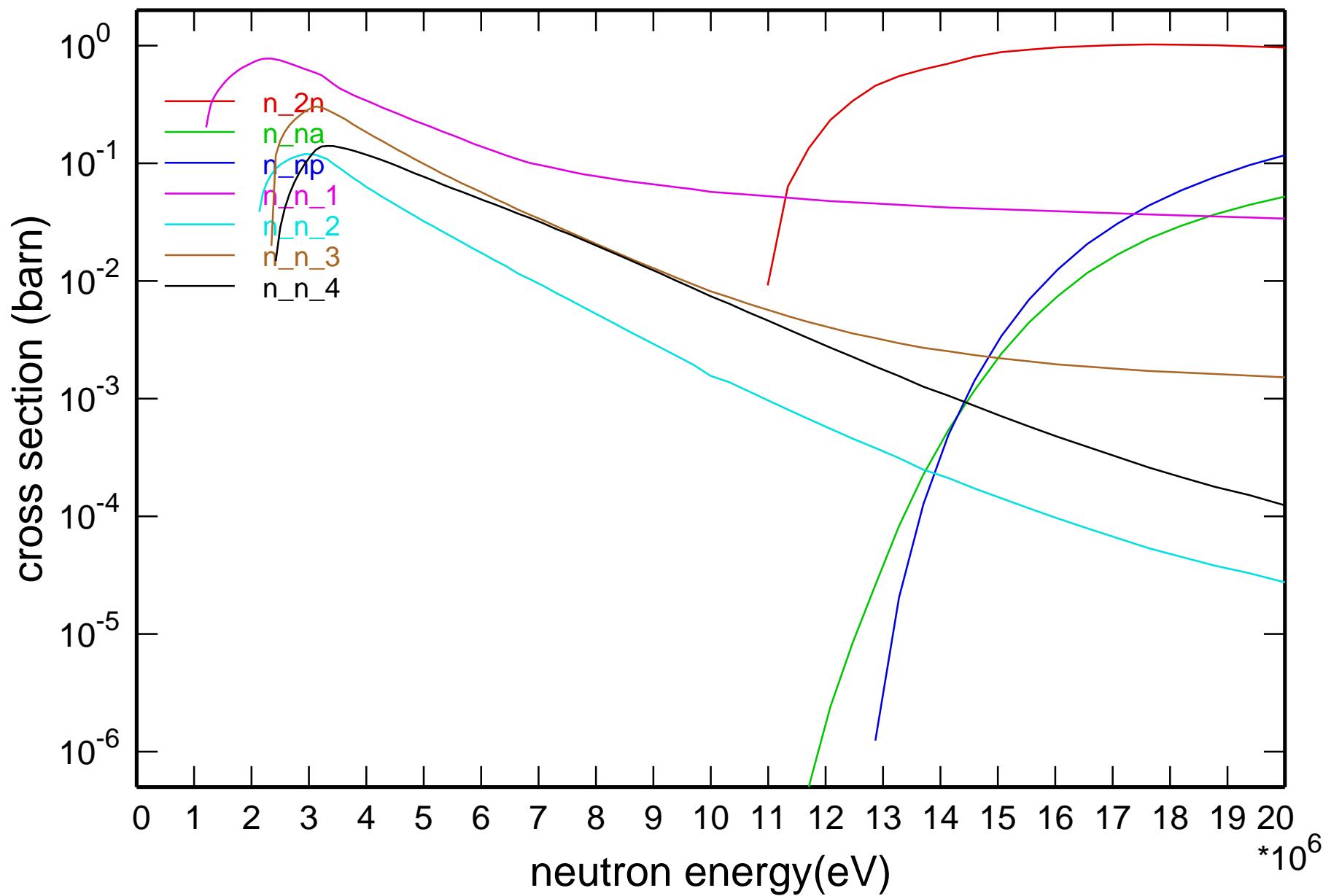


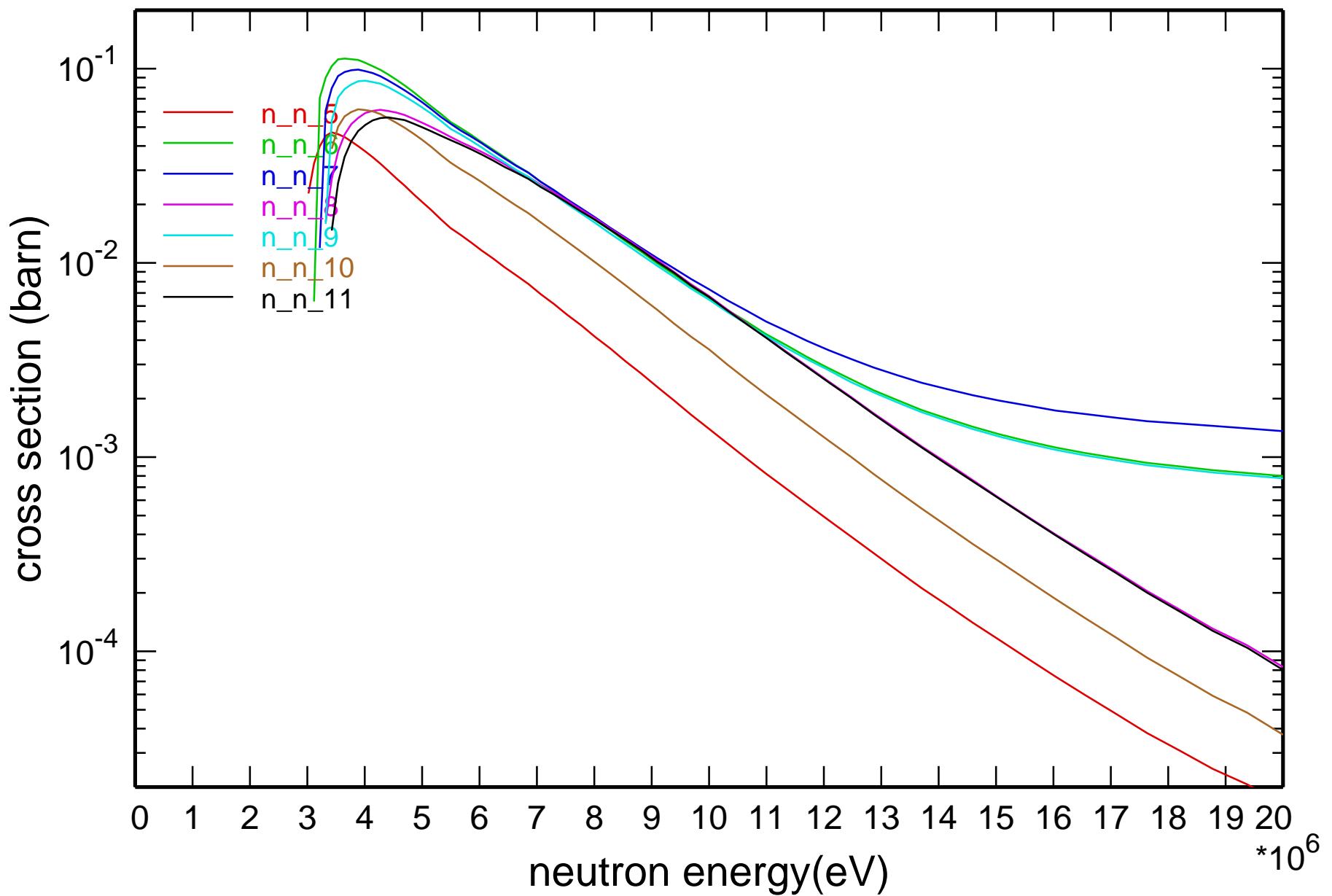
Main Cross Sections



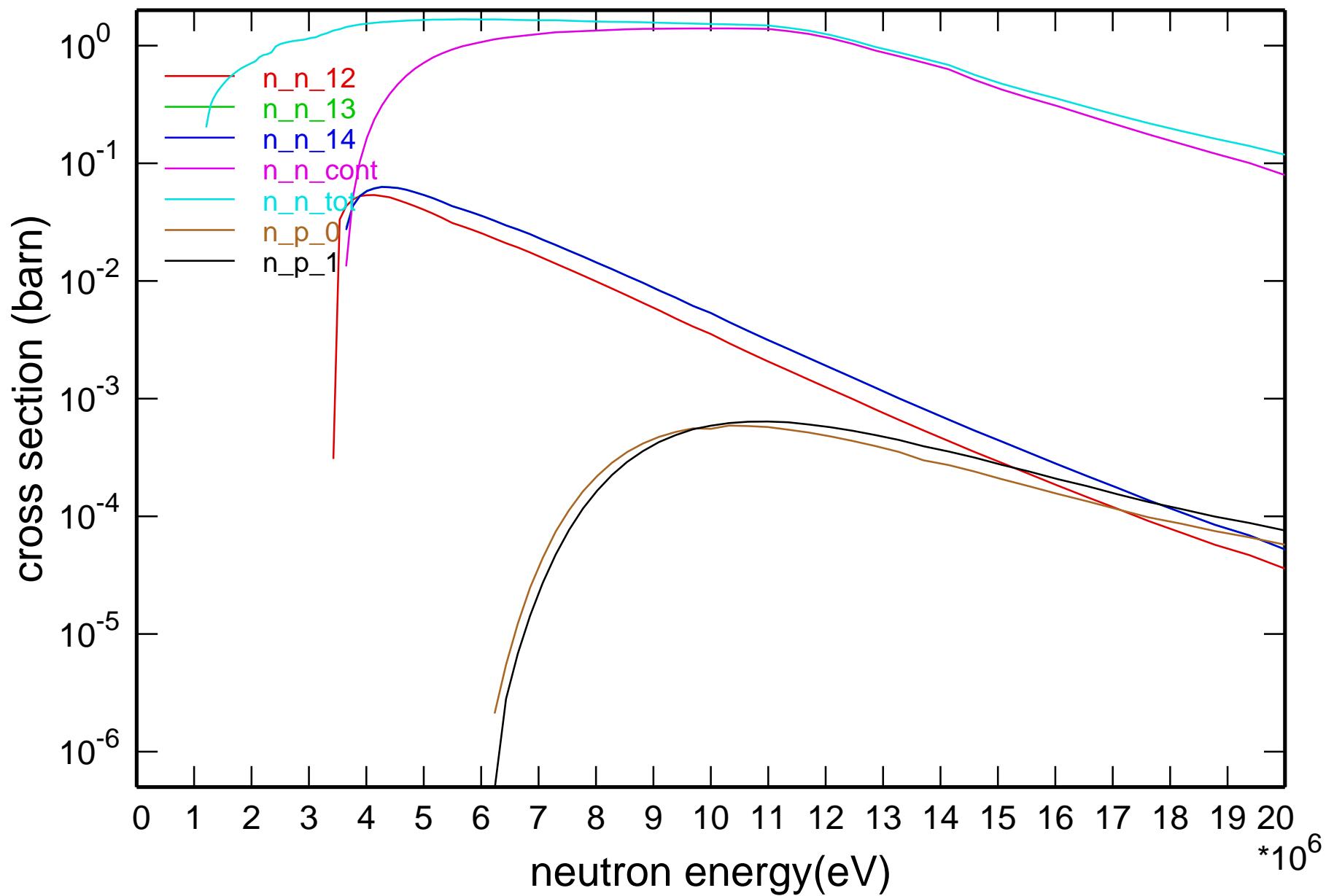
Cross Section



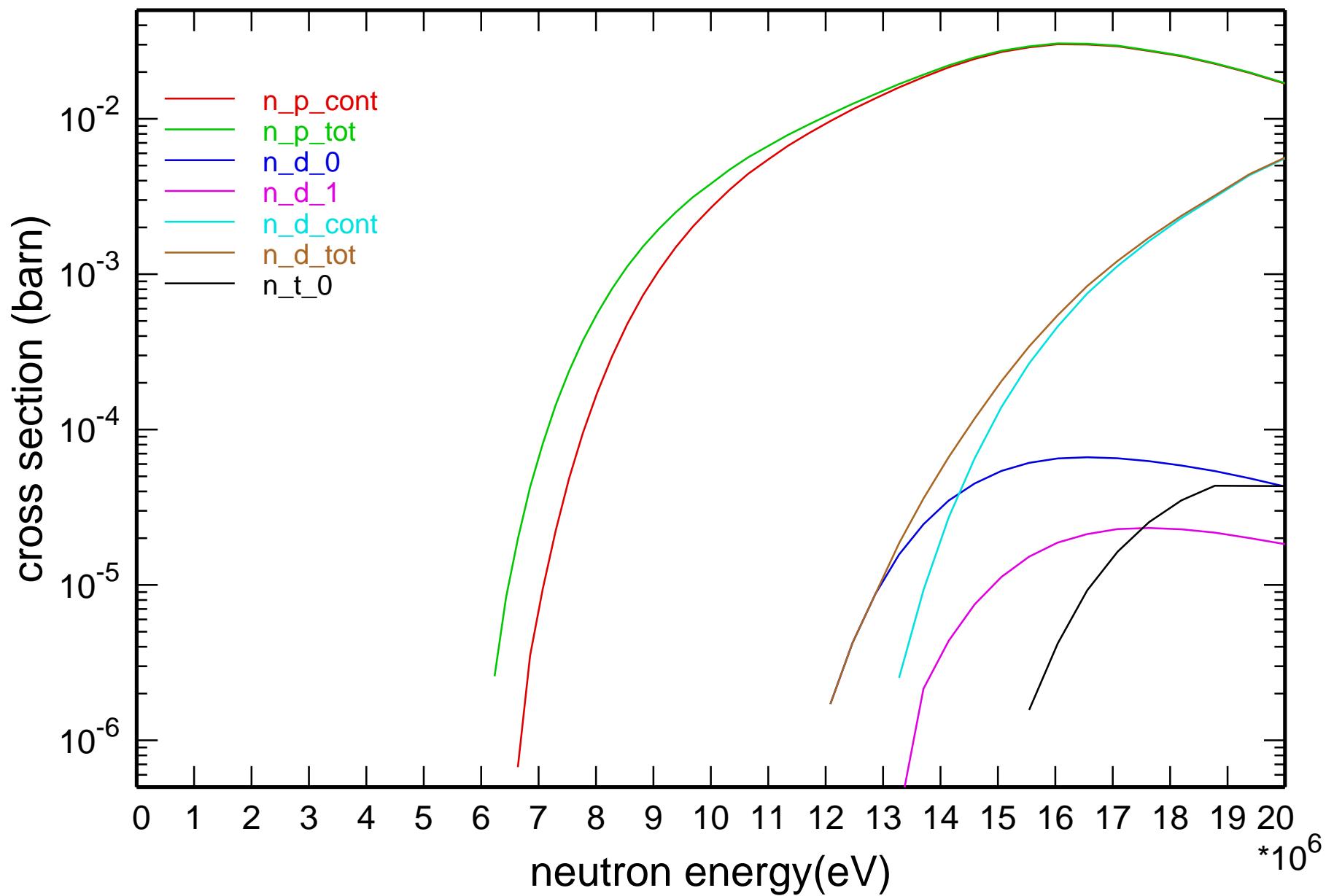
Cross Section



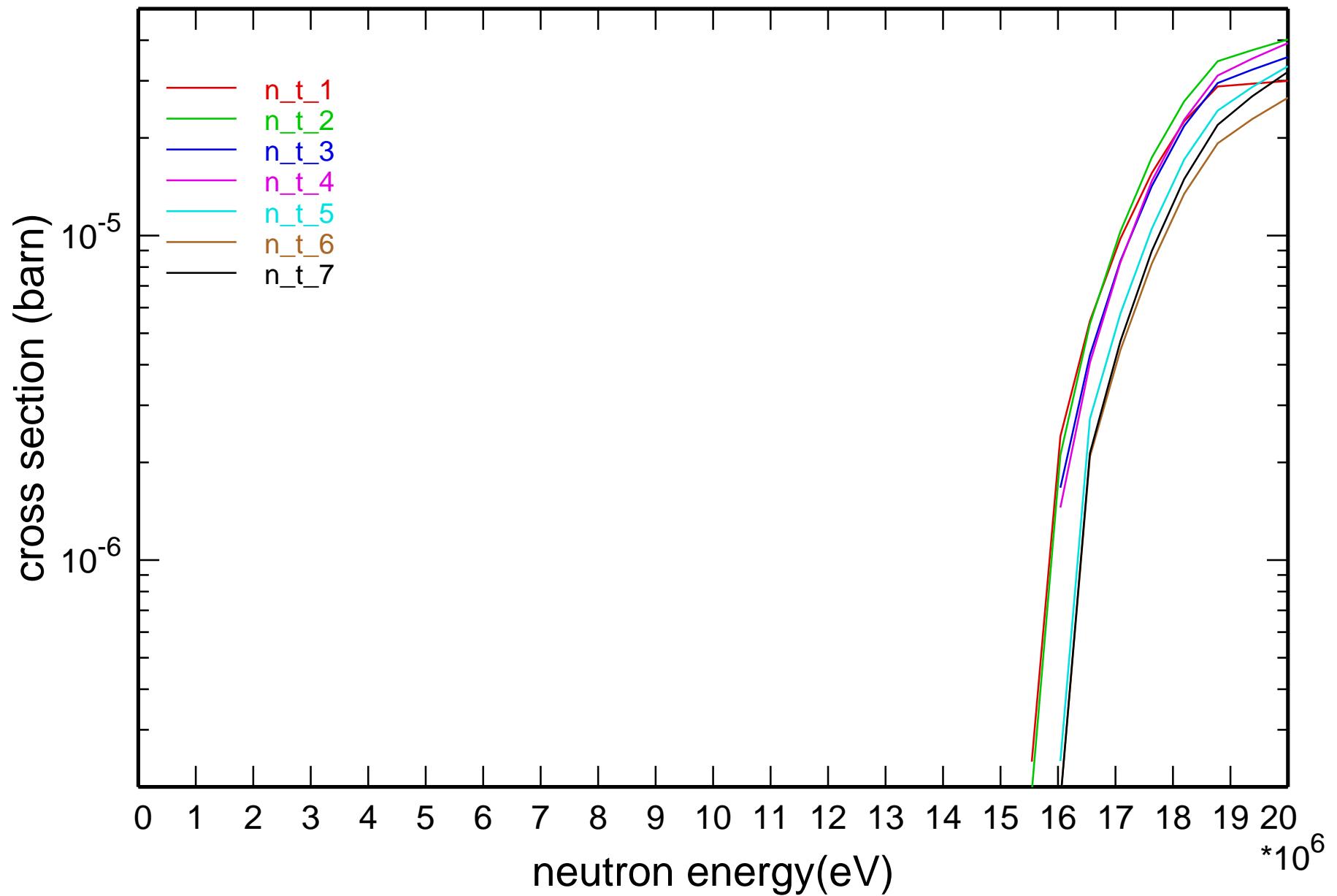
Cross Section



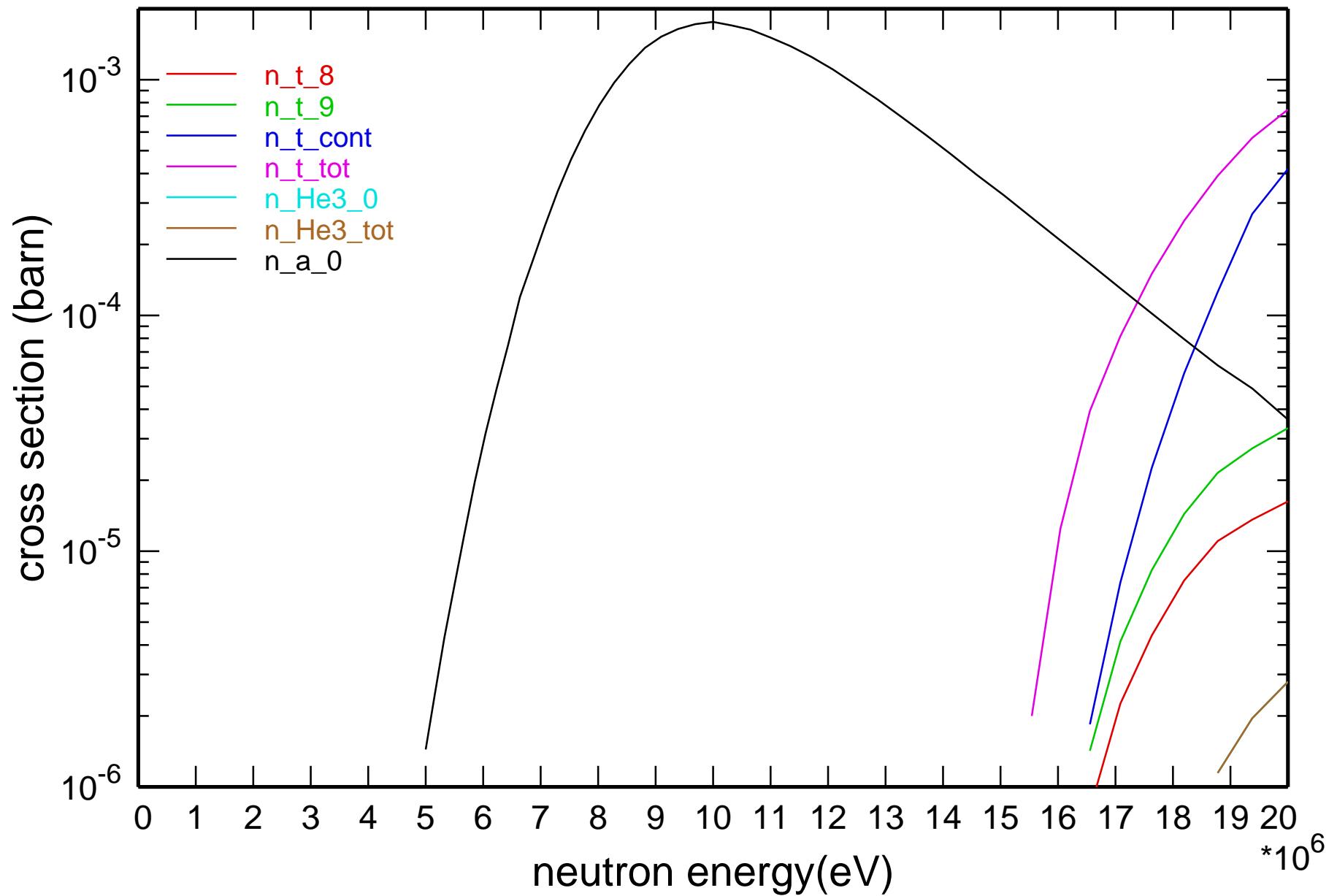
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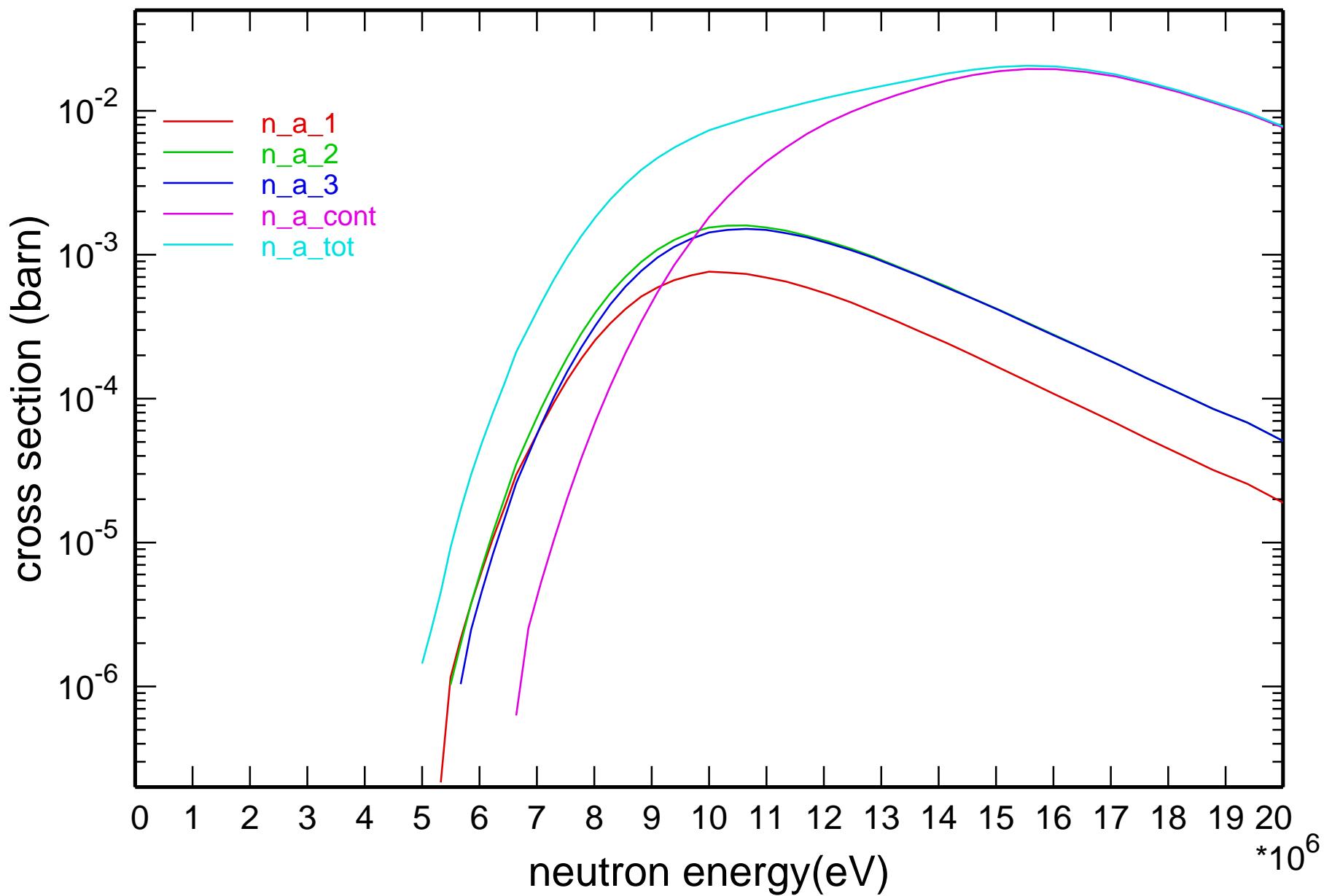
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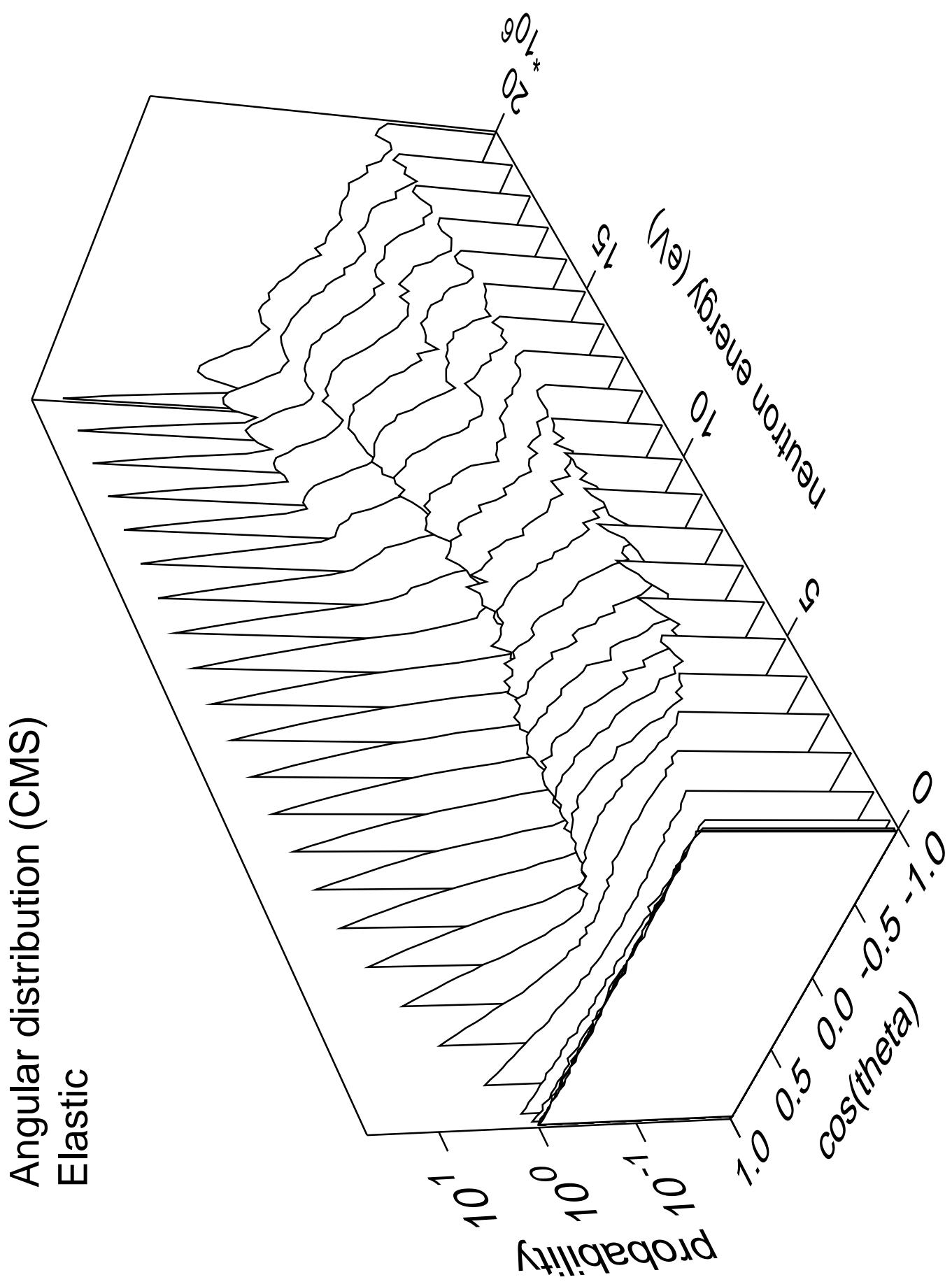


Cross Section

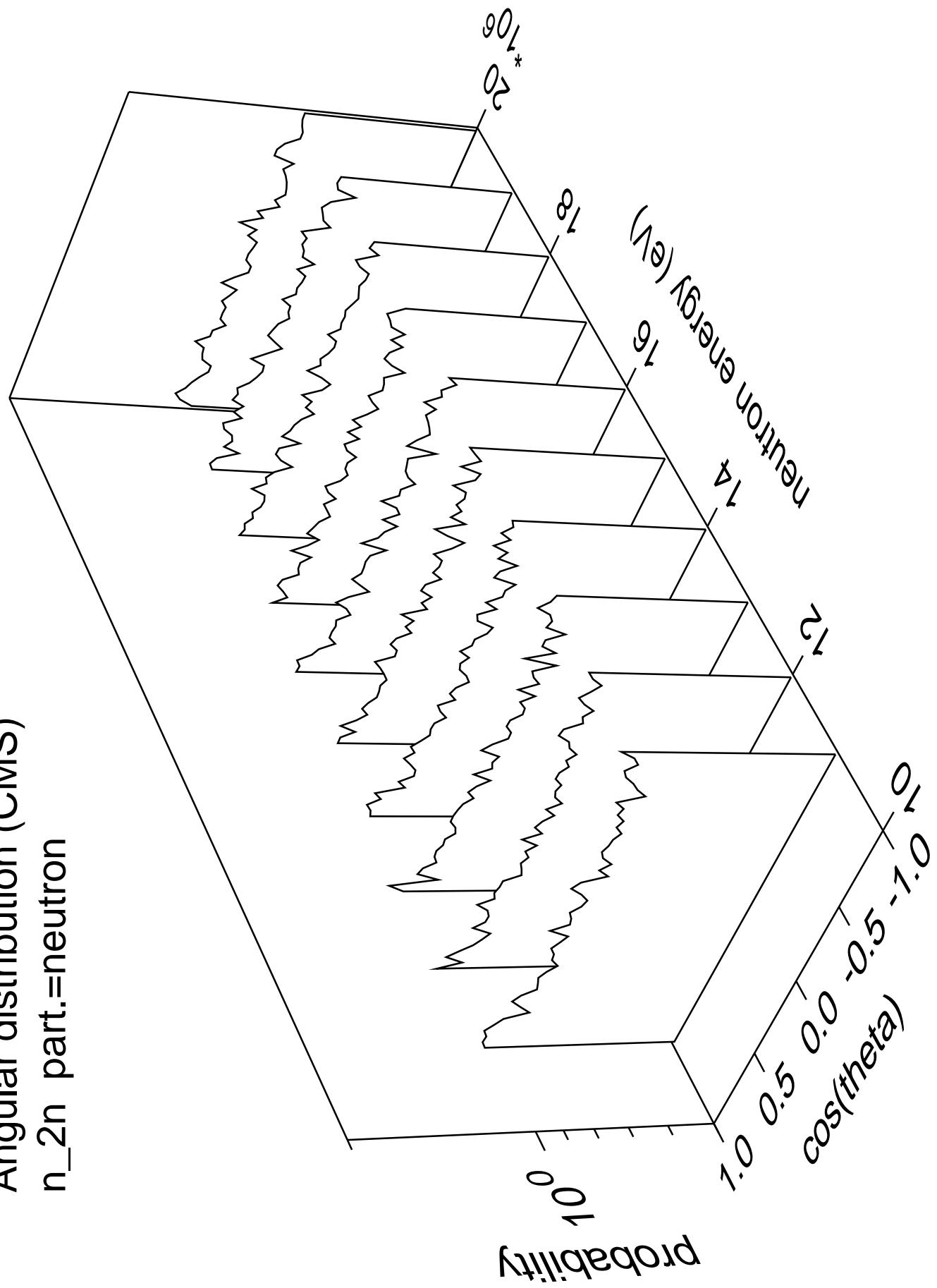


Cross Section

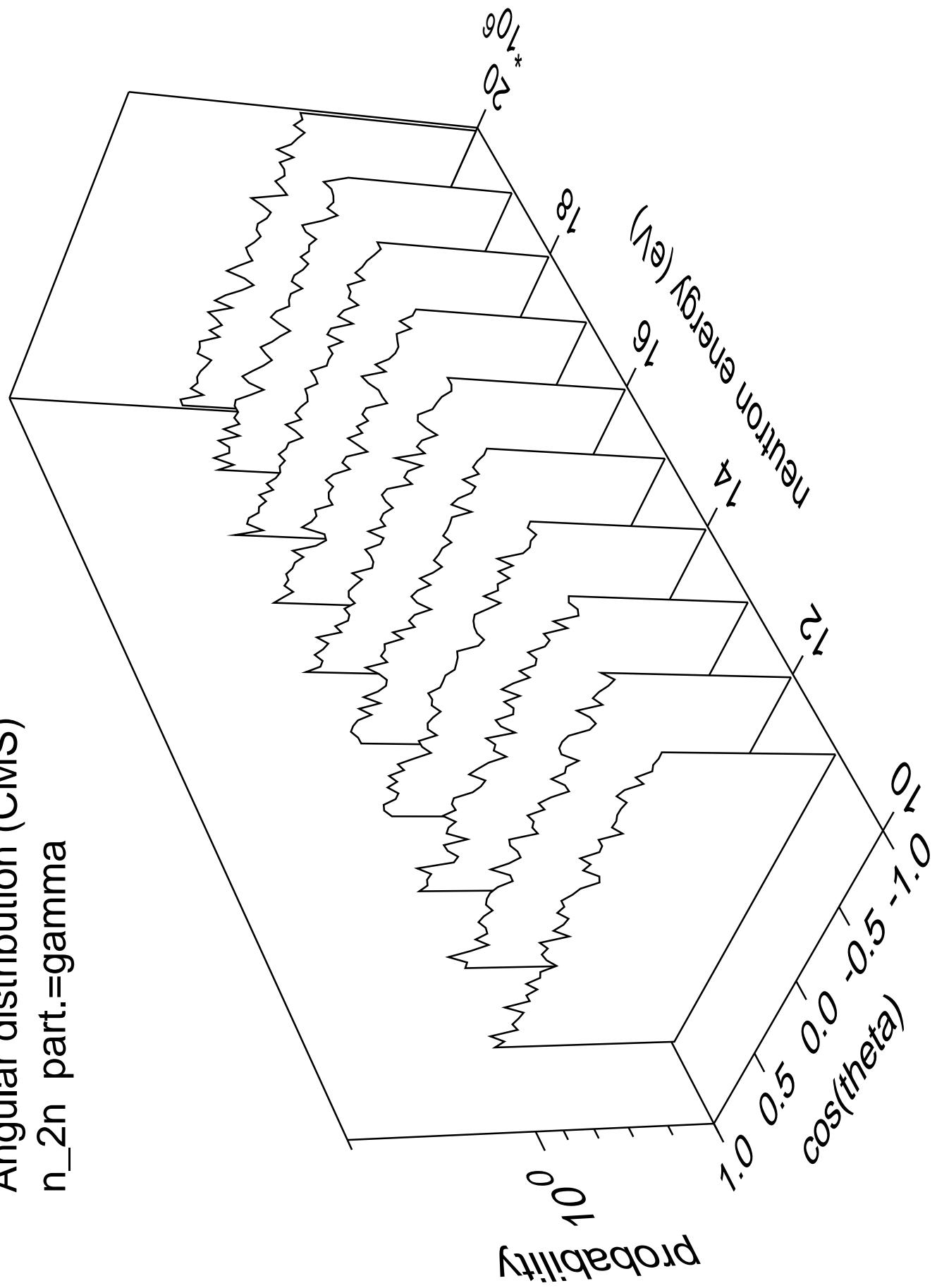




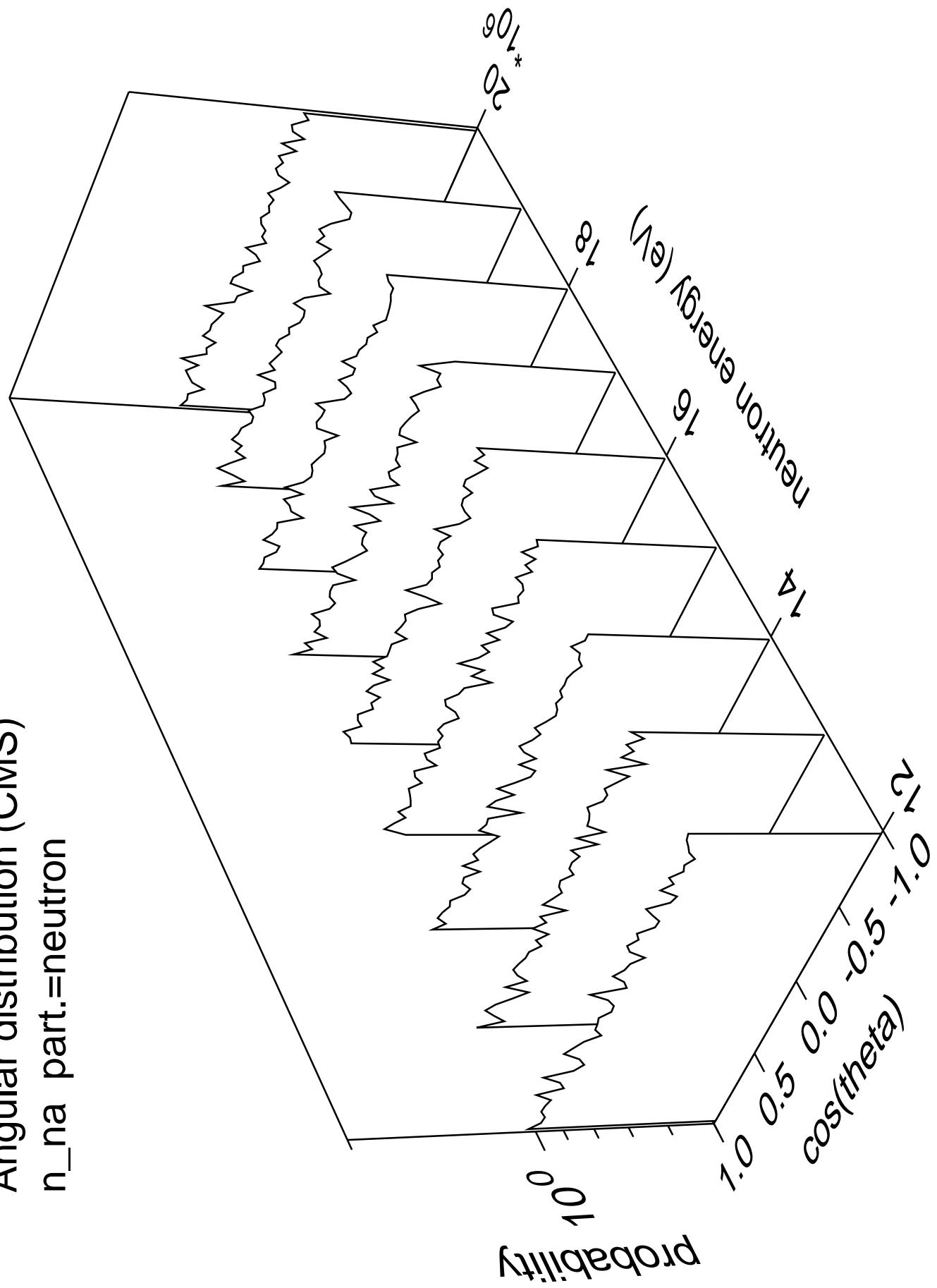
Angular distribution (CMS)
 n_{2n} part.=neutron



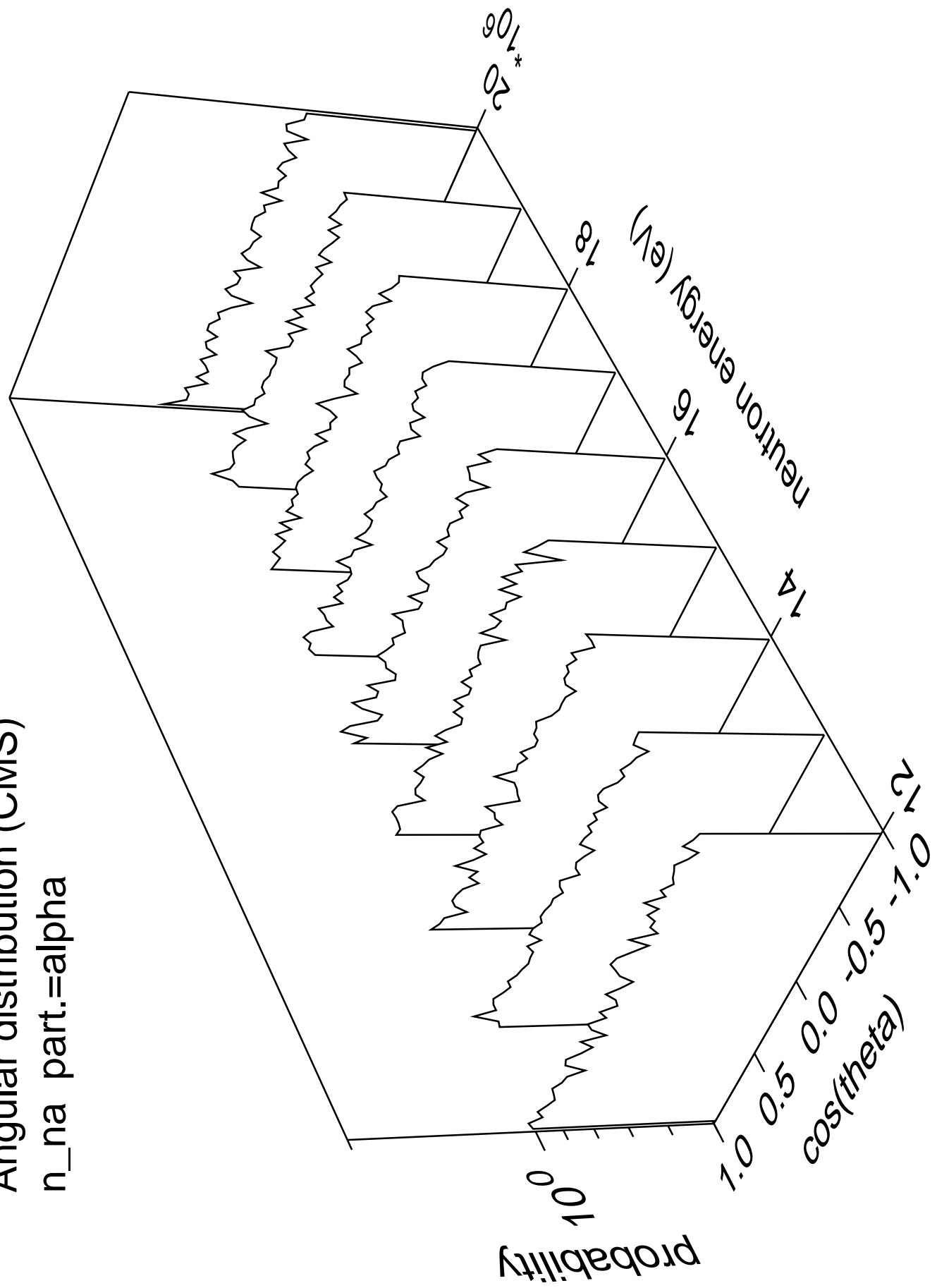
Angular distribution (CMS)
 n_{2n} part.=gamma



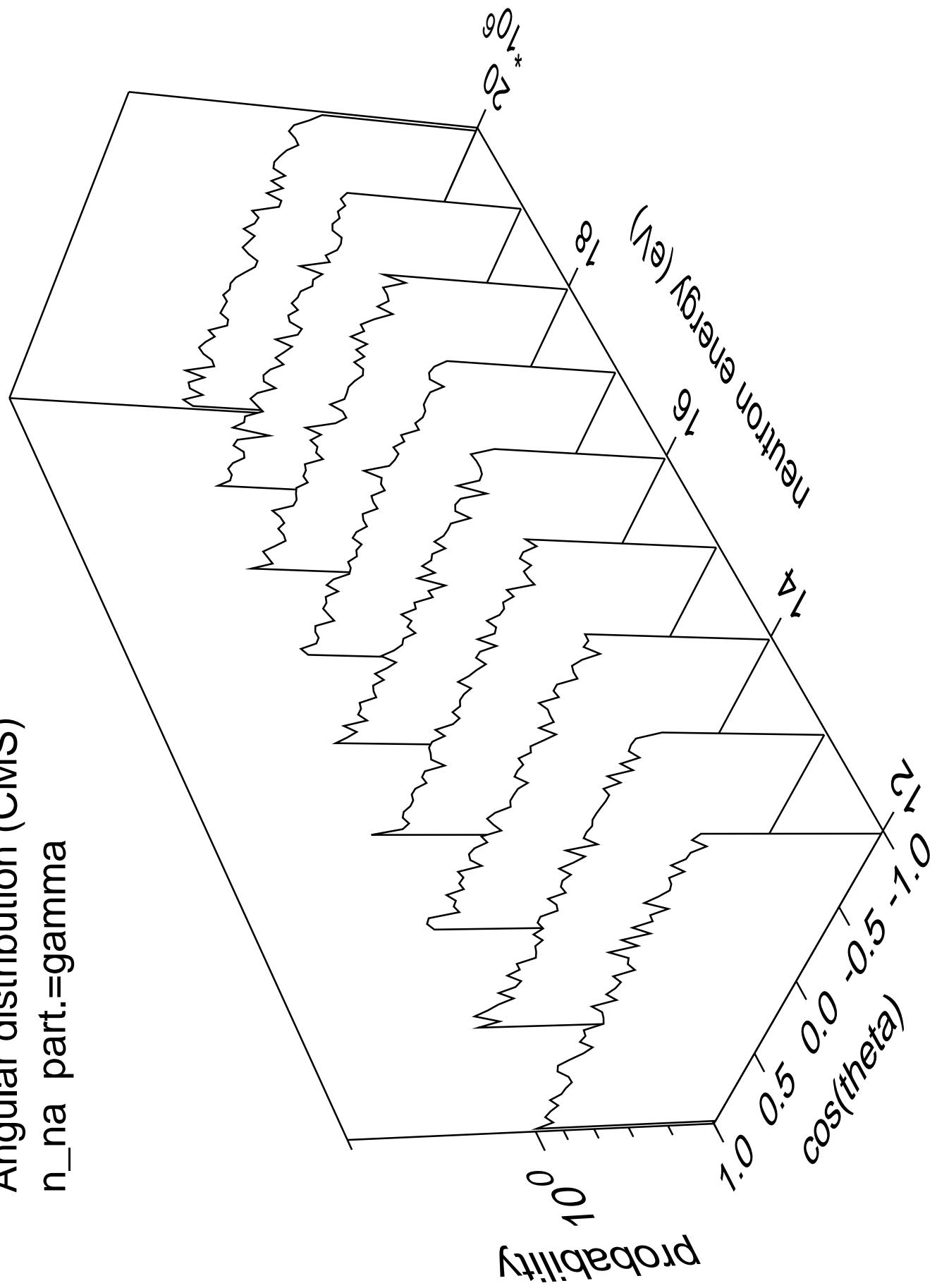
Angular distribution (CMS)
 n_{na} part.=neutron



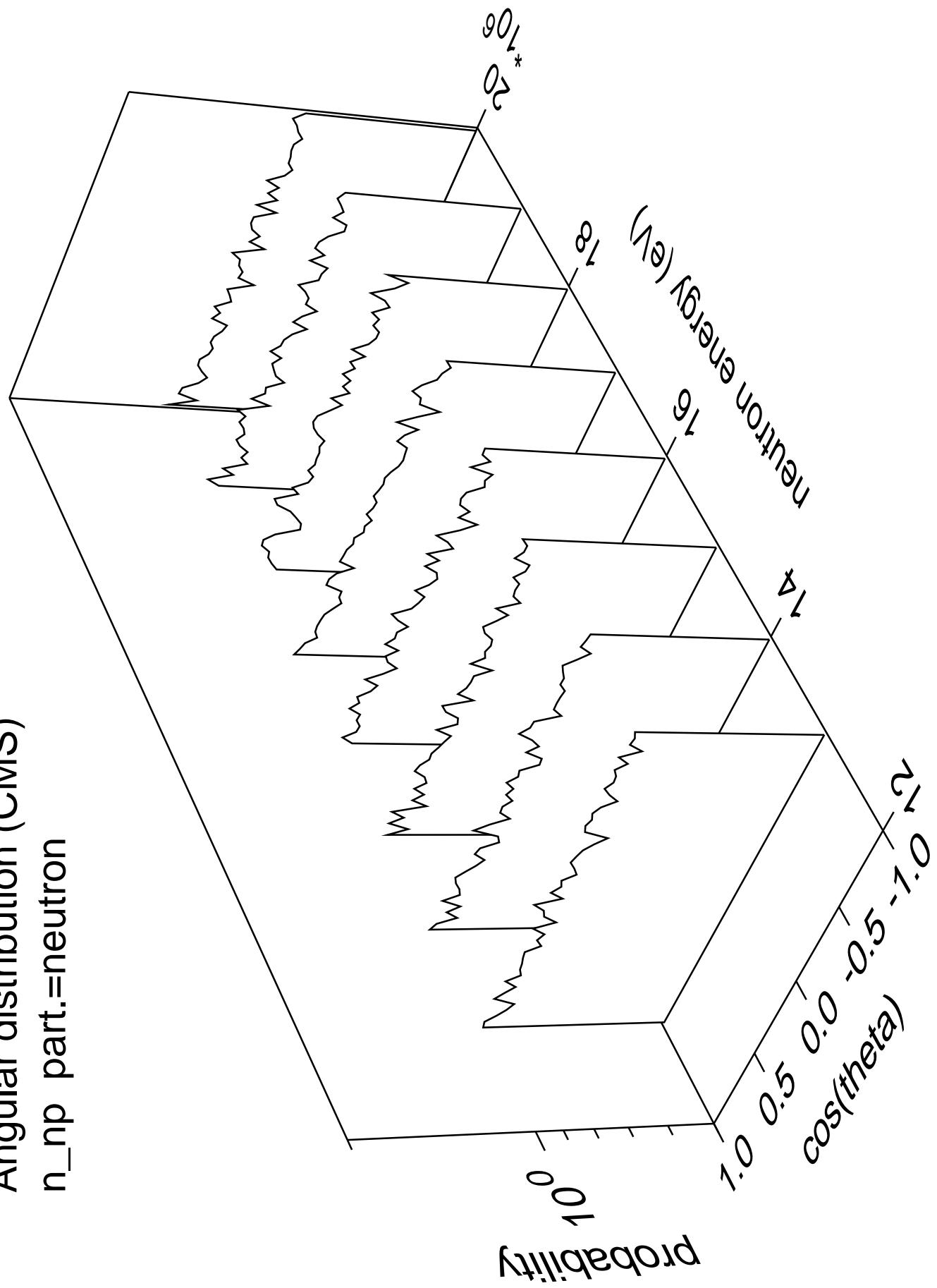
Angular distribution (CMS)
 n_{na} part.=alpha



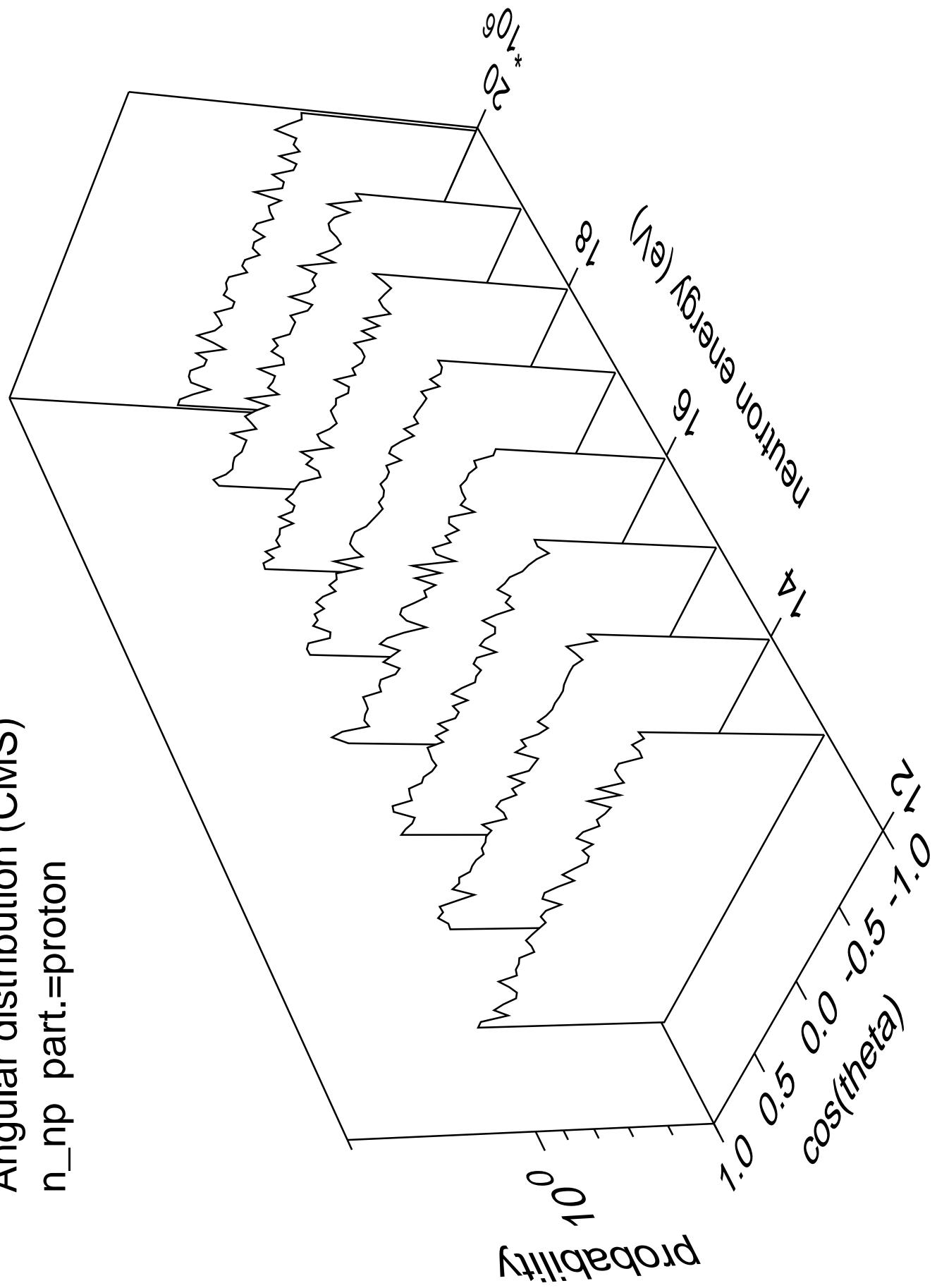
Angular distribution (CMS)
 n_{na} part.=gamma



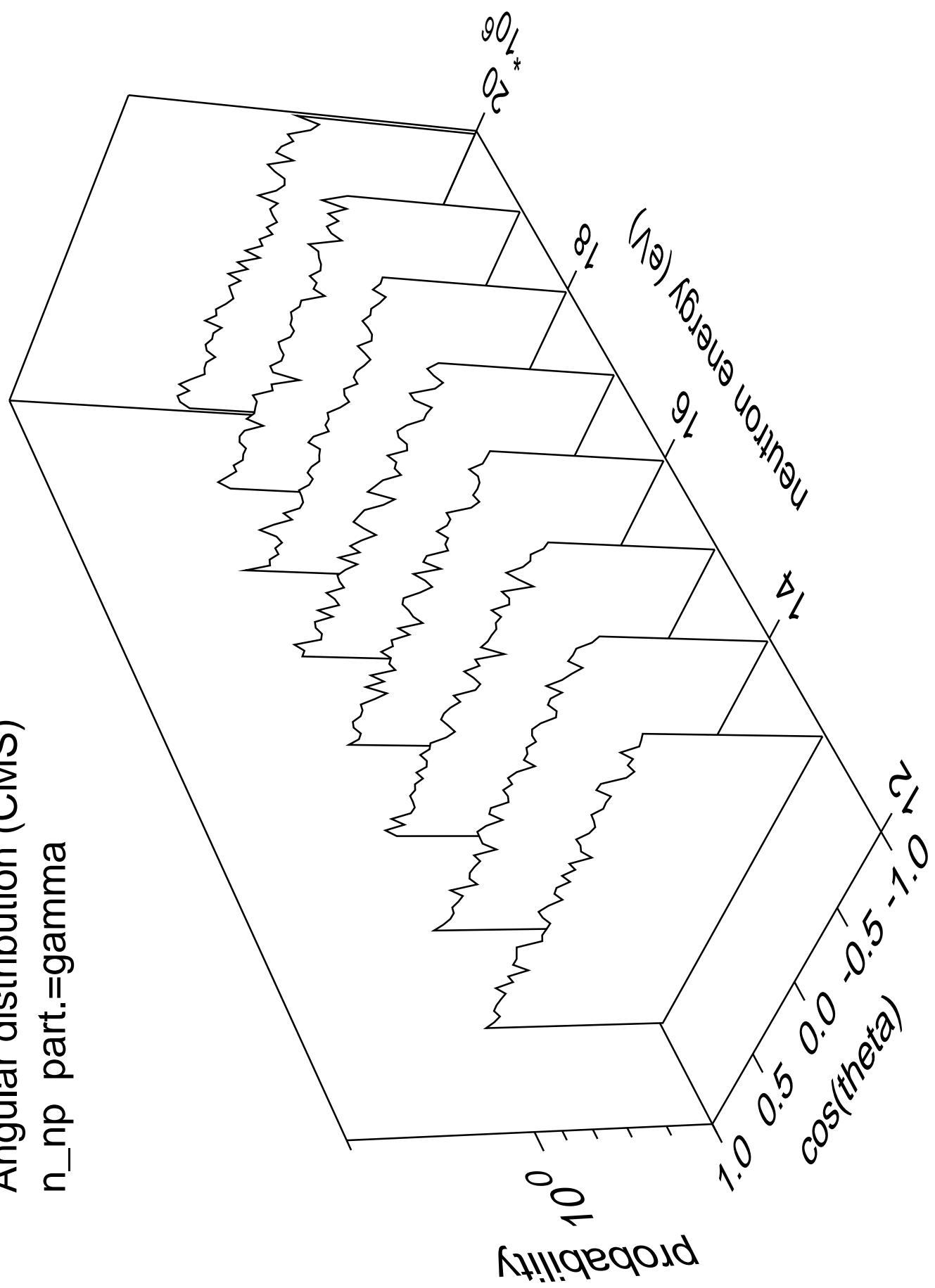
Angular distribution (CMS)
 n_{np} part.=neutron

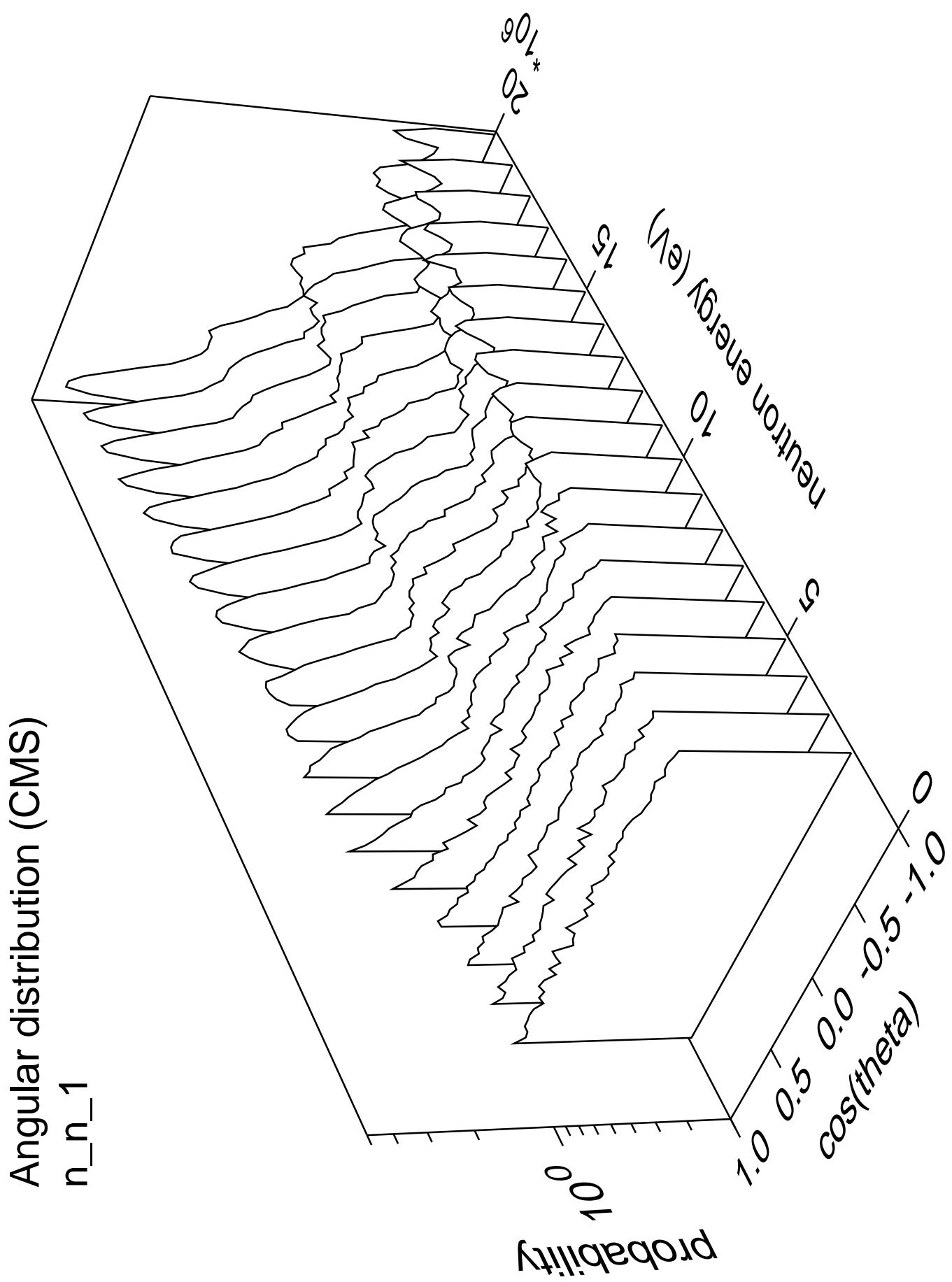


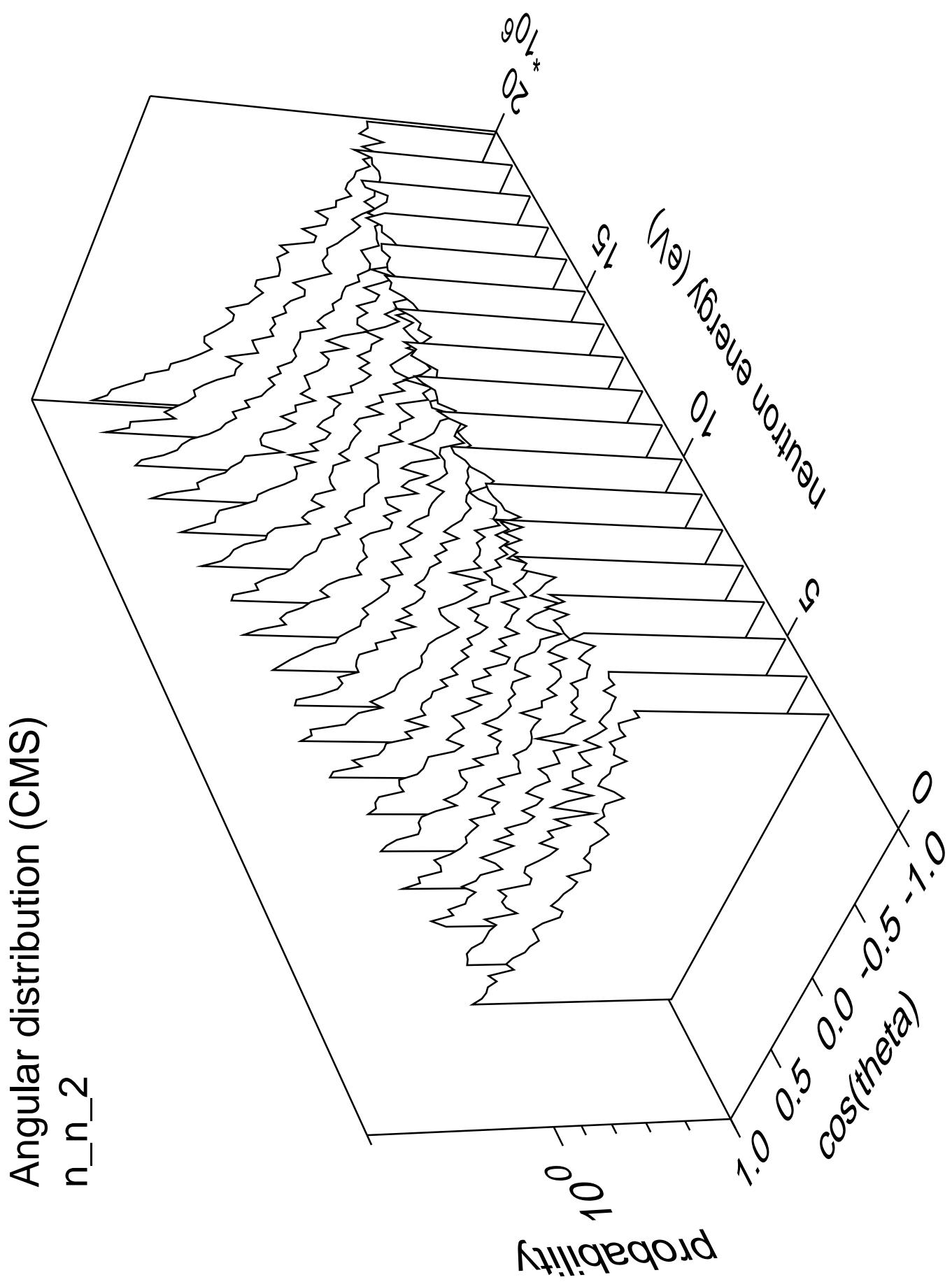
Angular distribution (CMS)
 n_{np} part.=proton

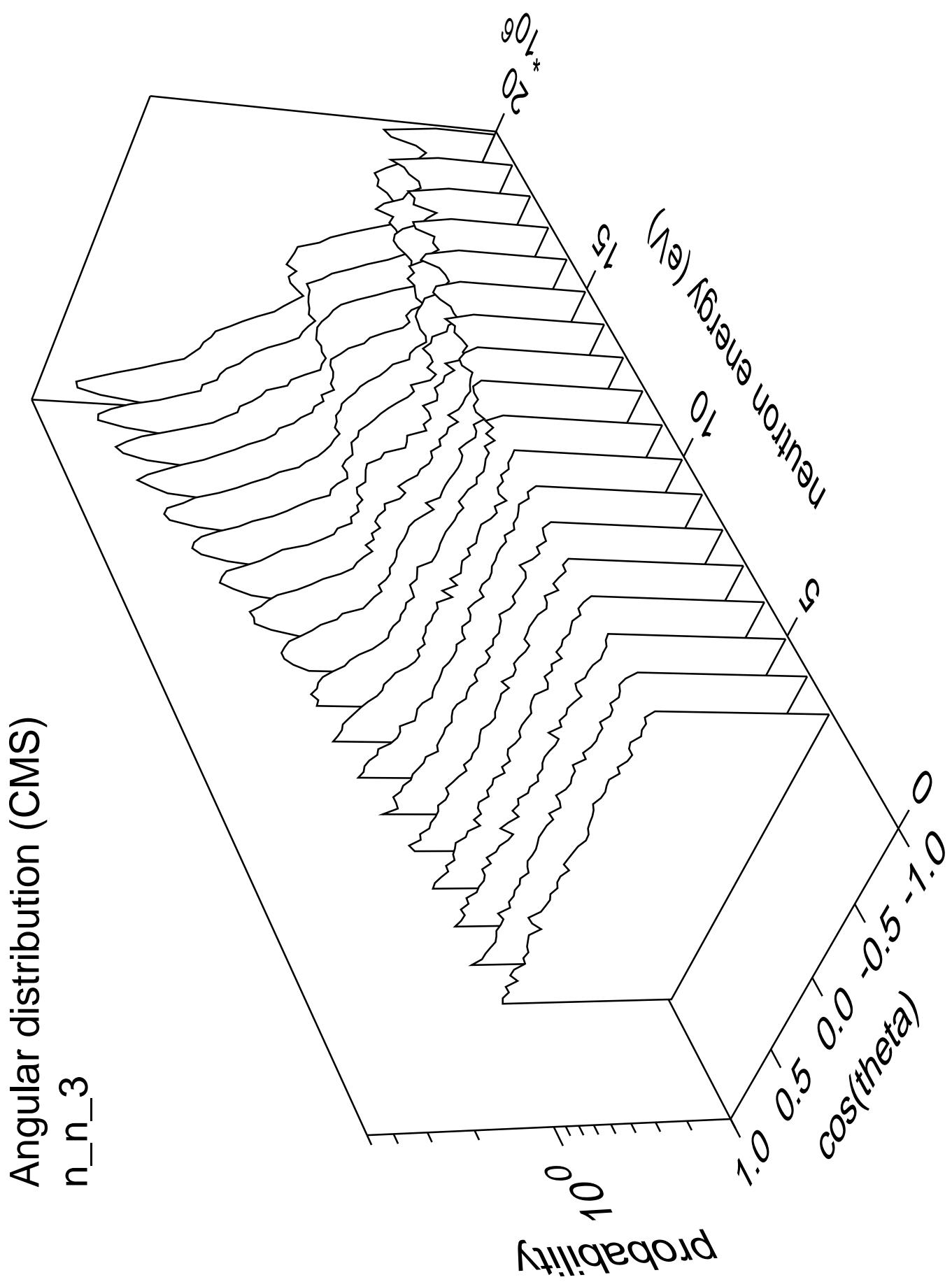


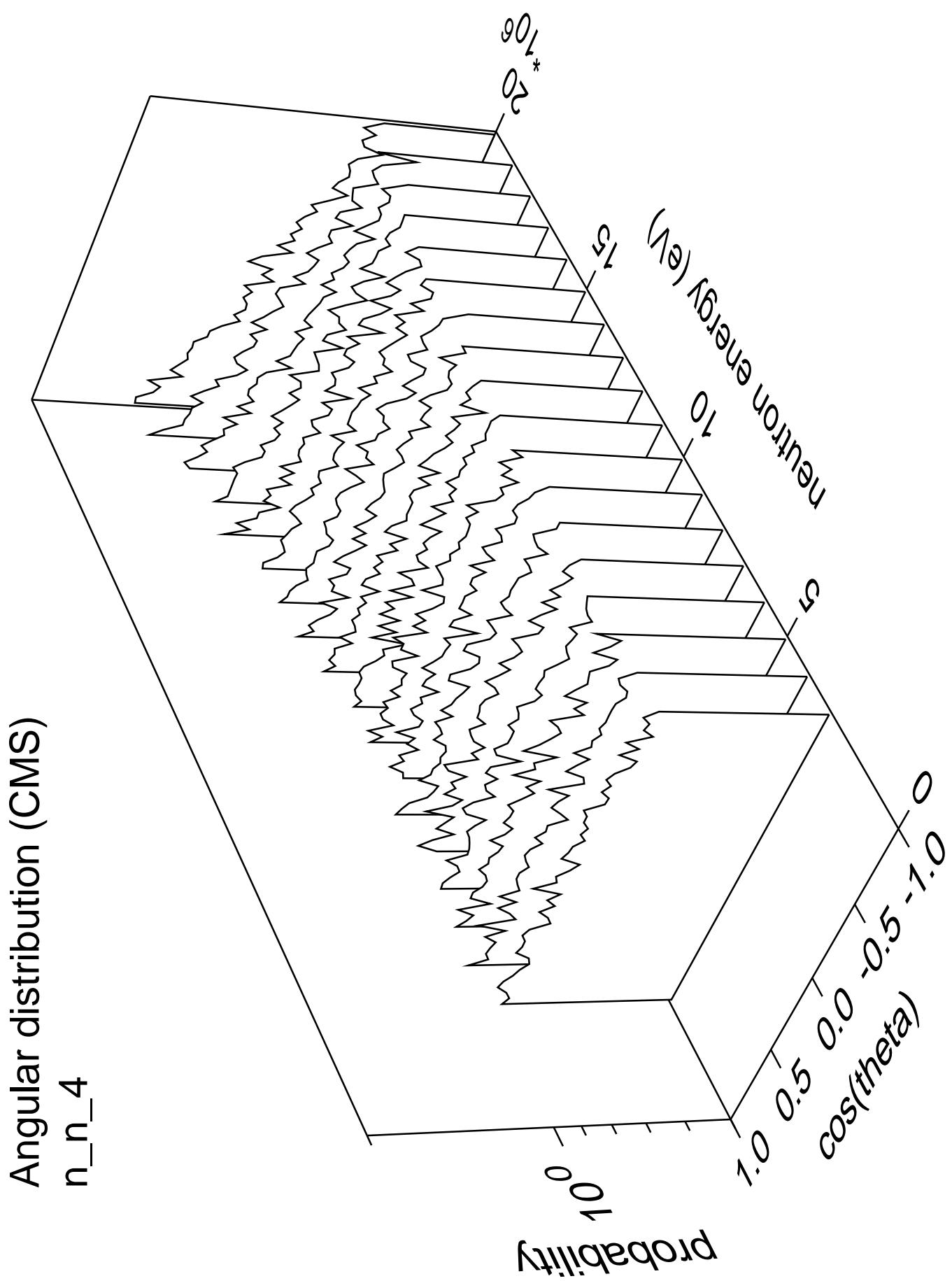
Angular distribution (CMS)
 n_{np} part.=gamma

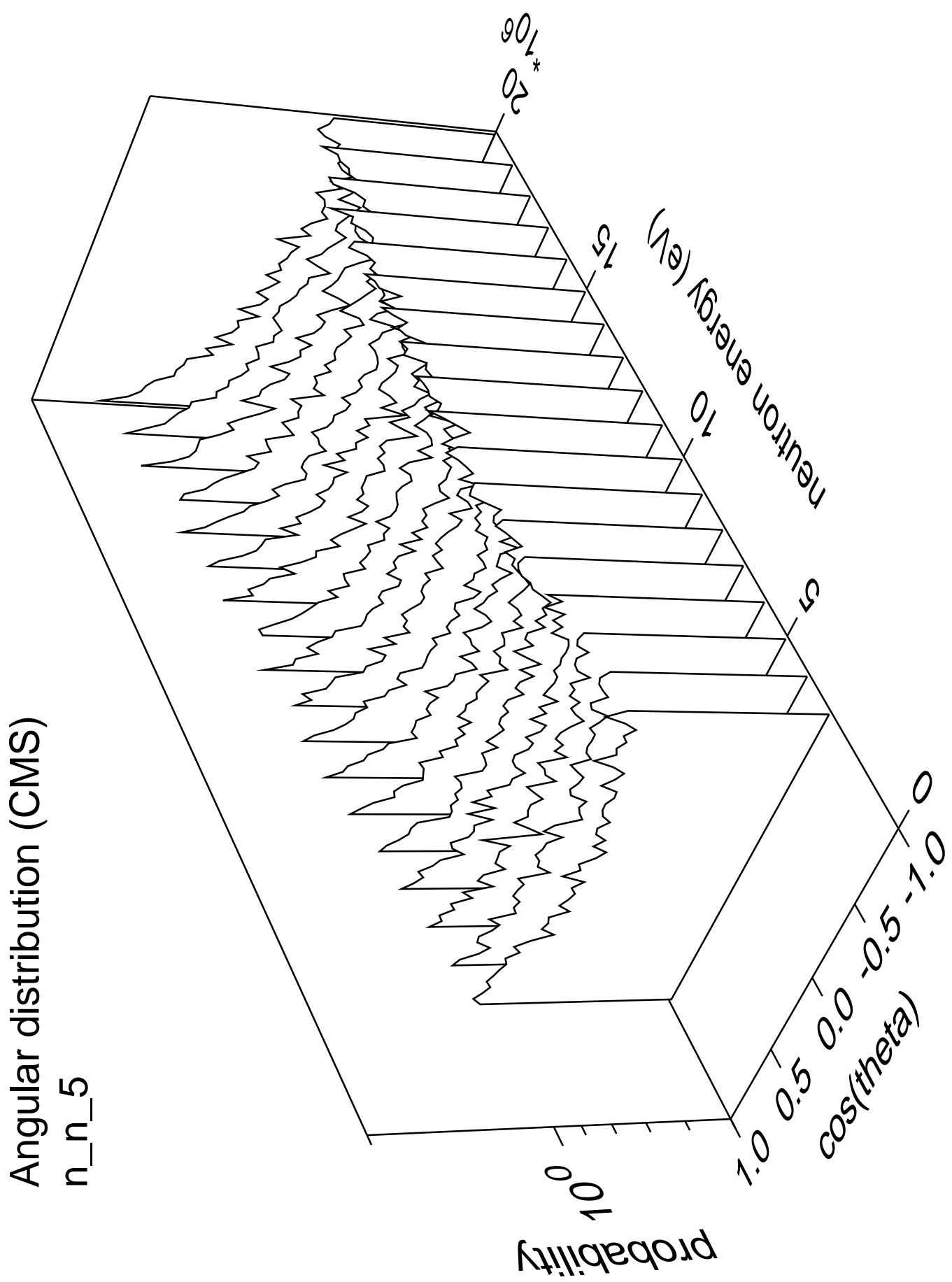


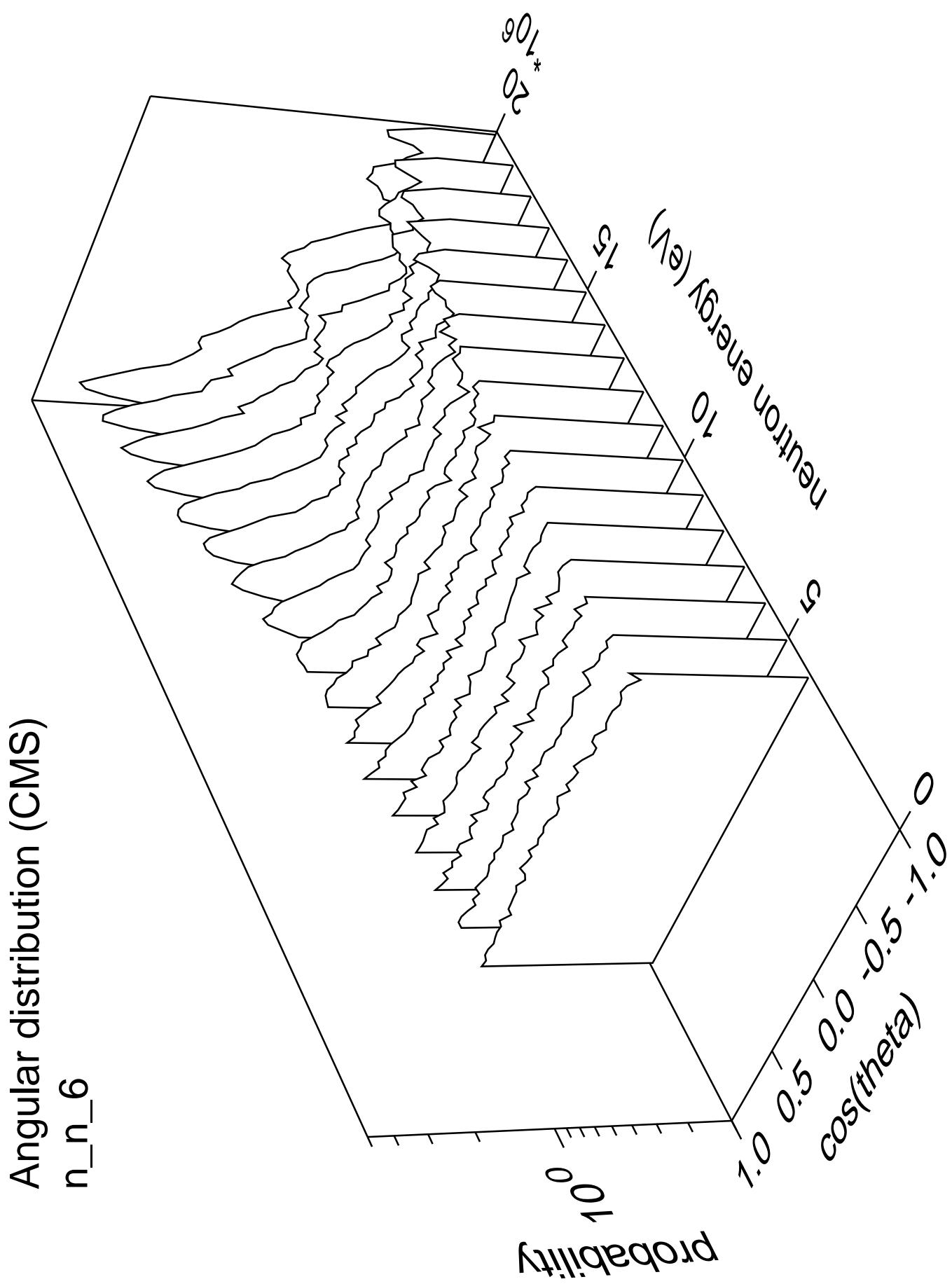


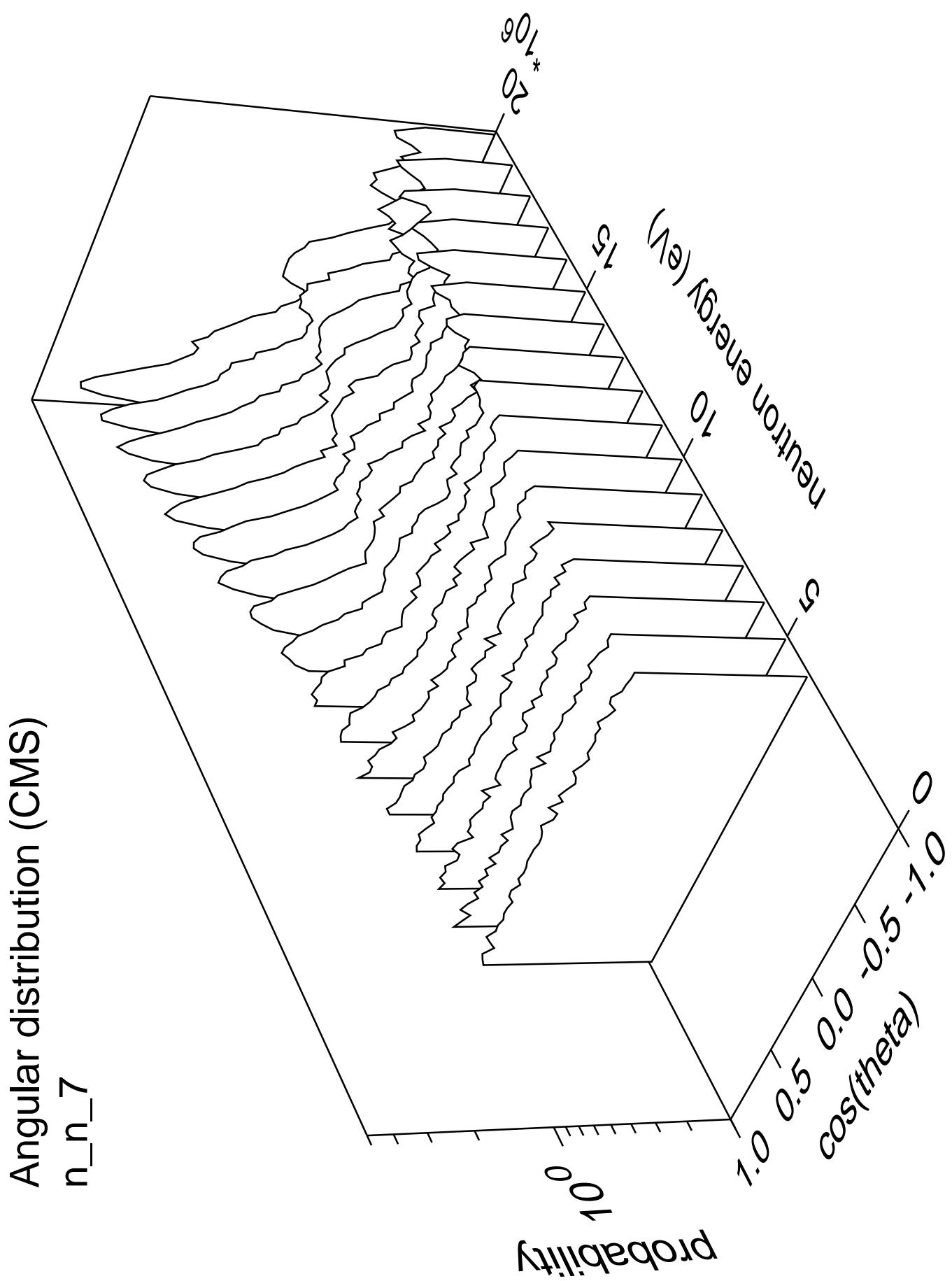


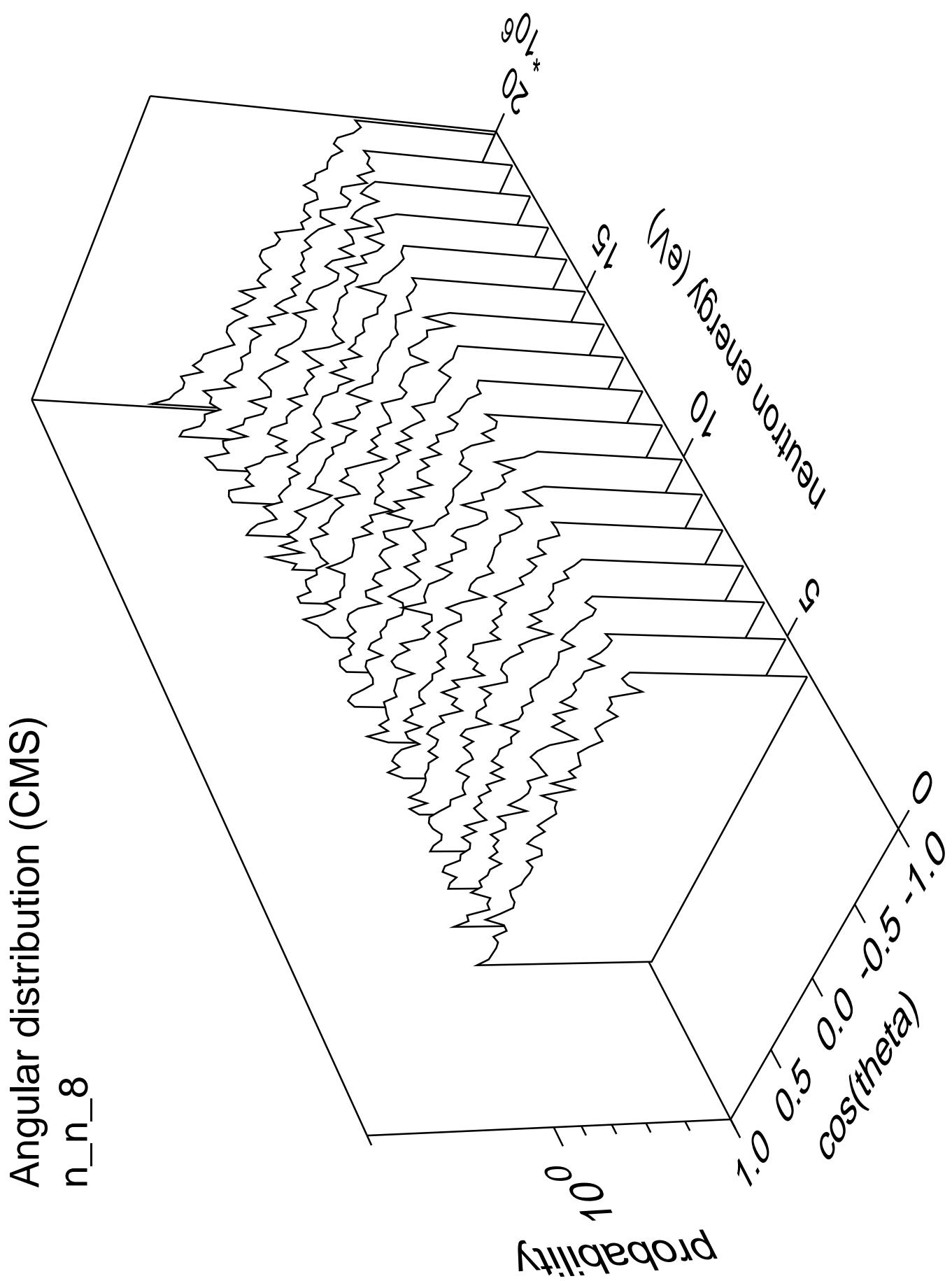


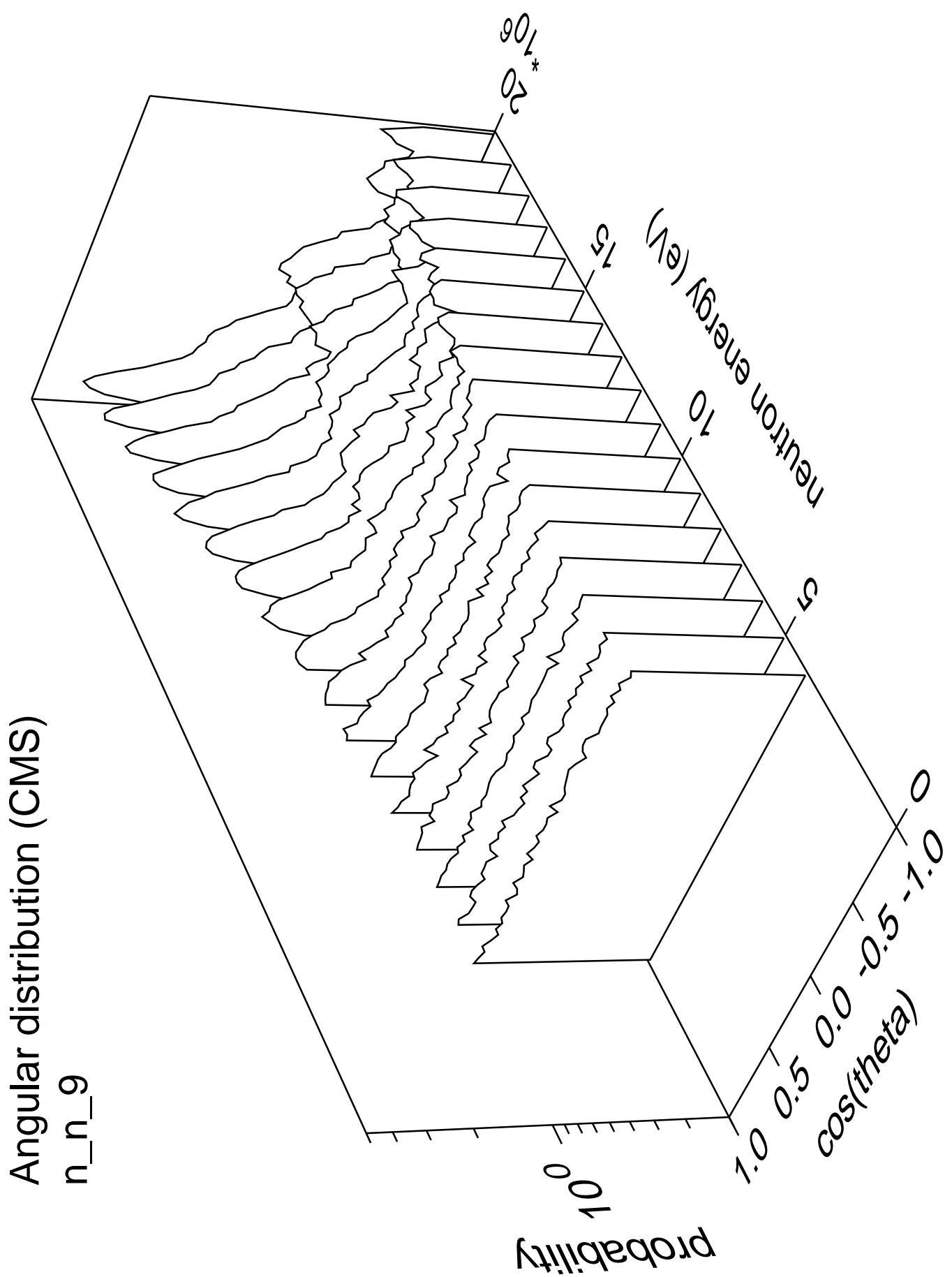


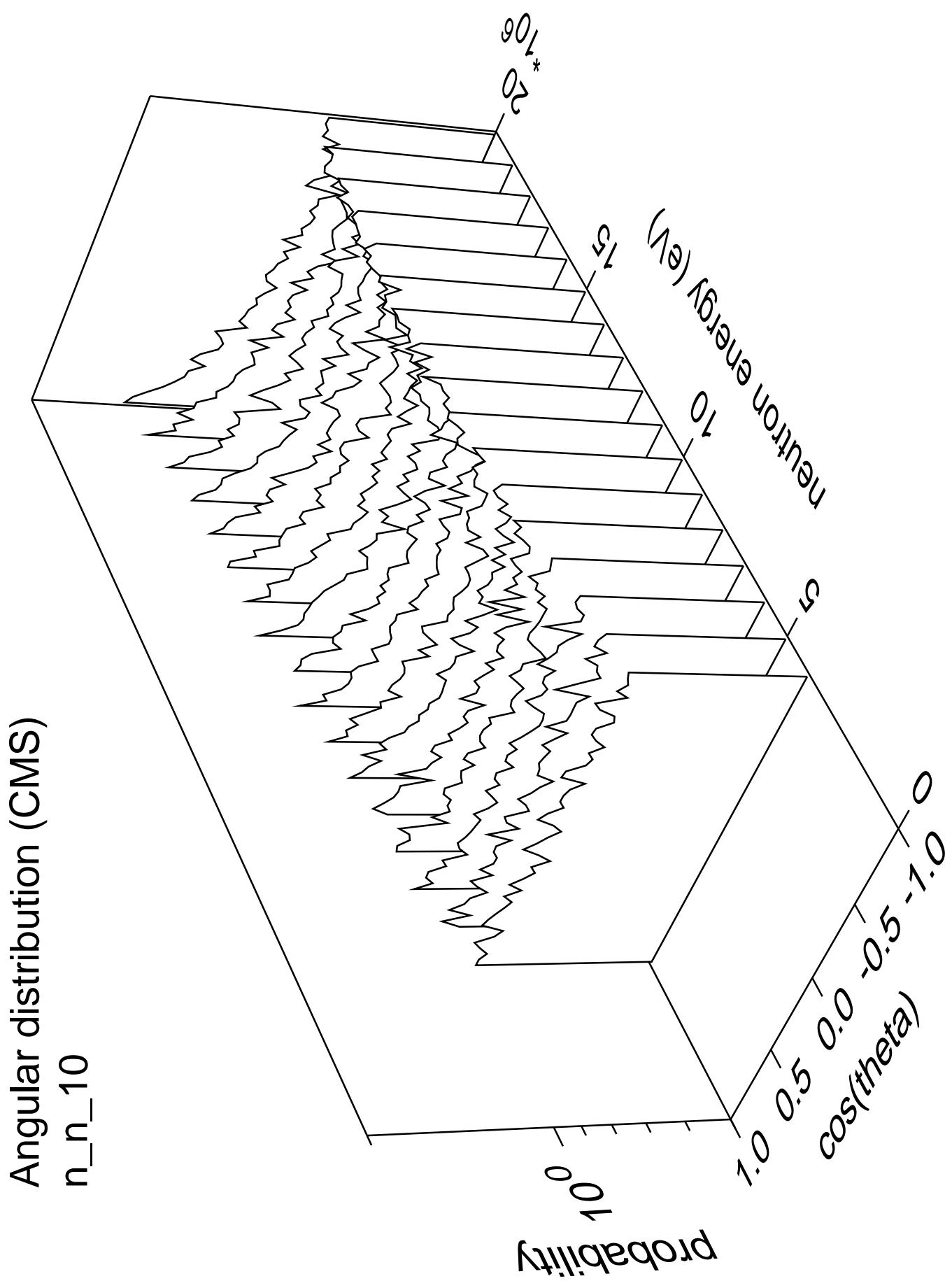


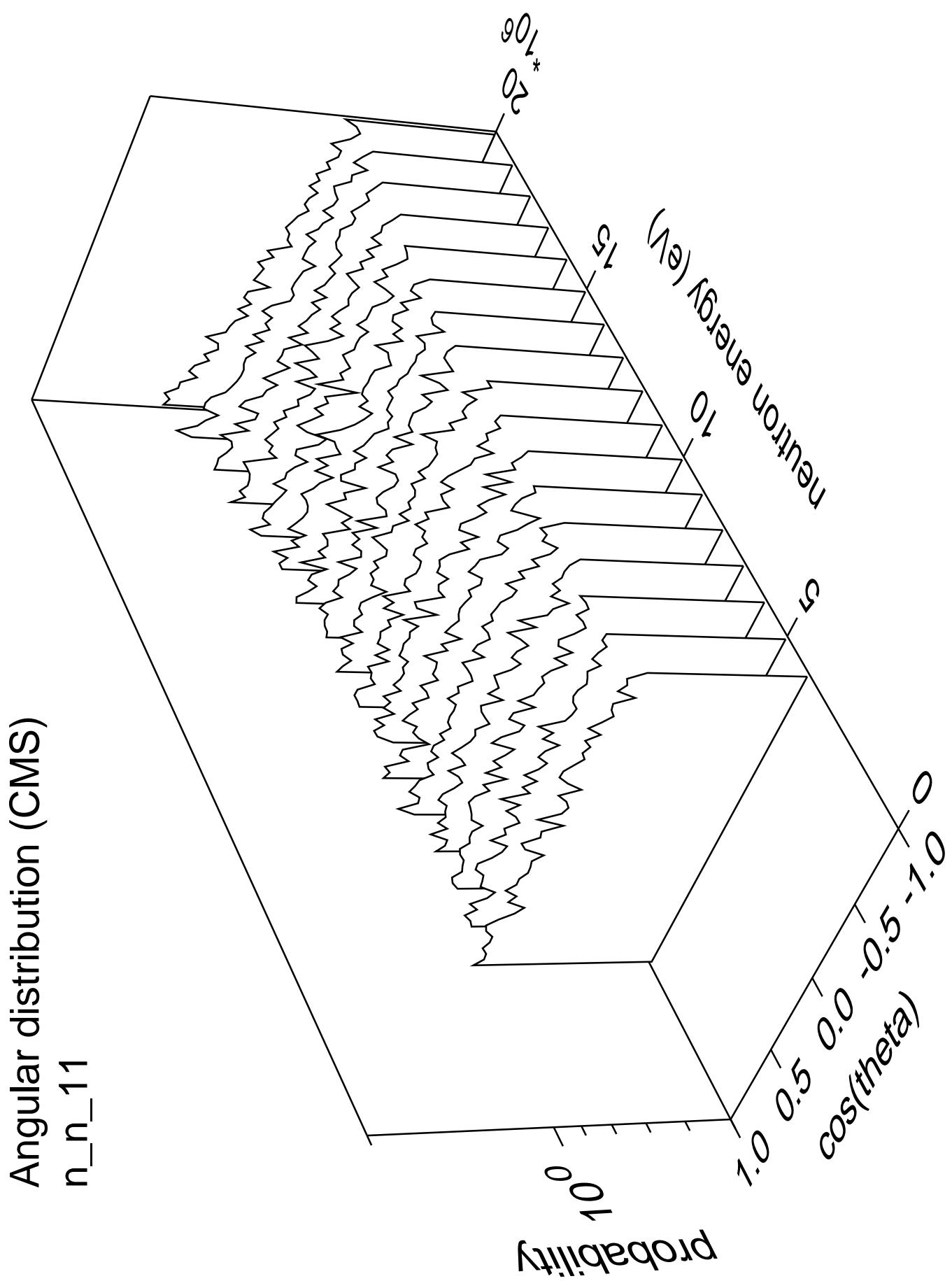


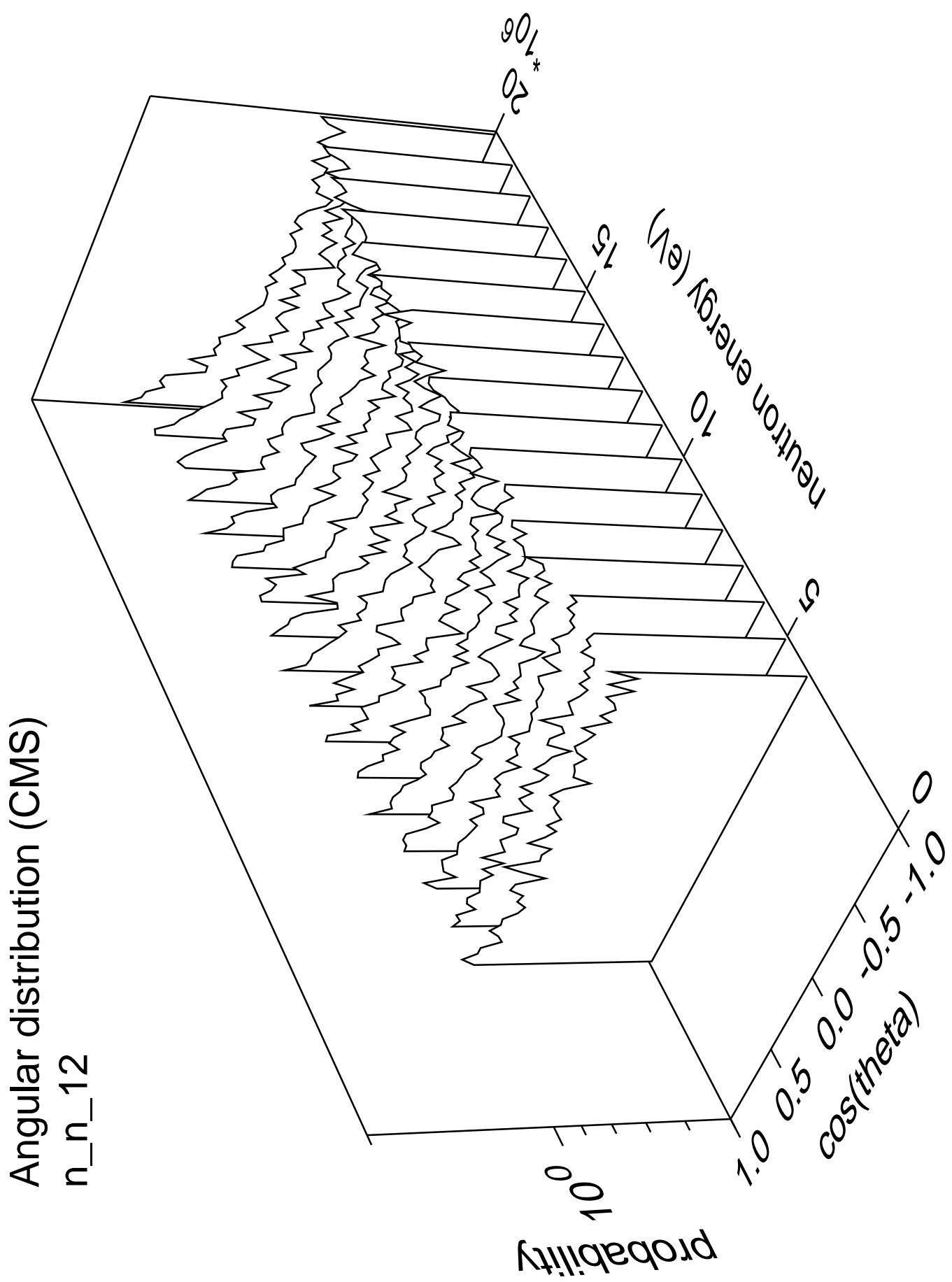




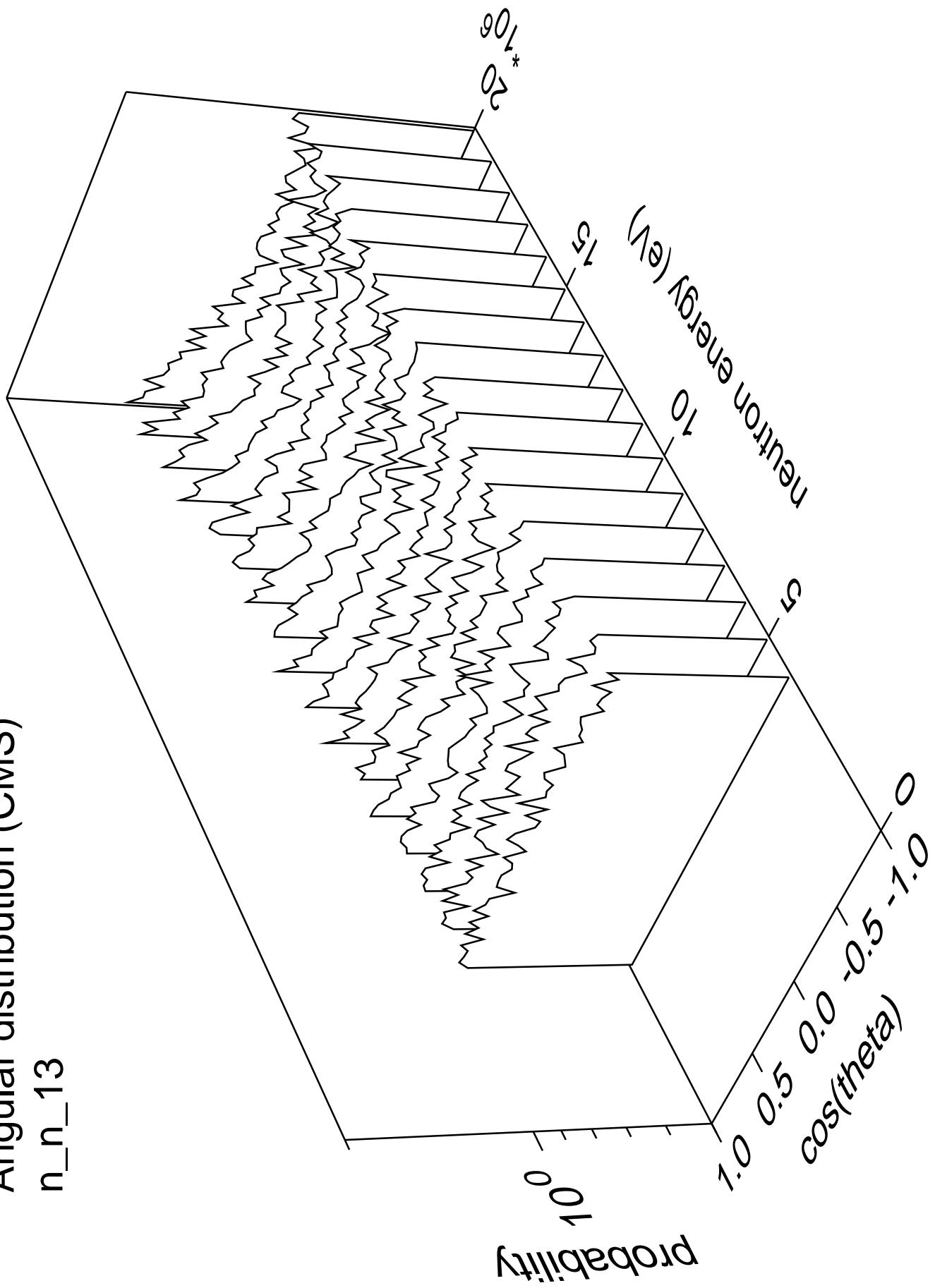


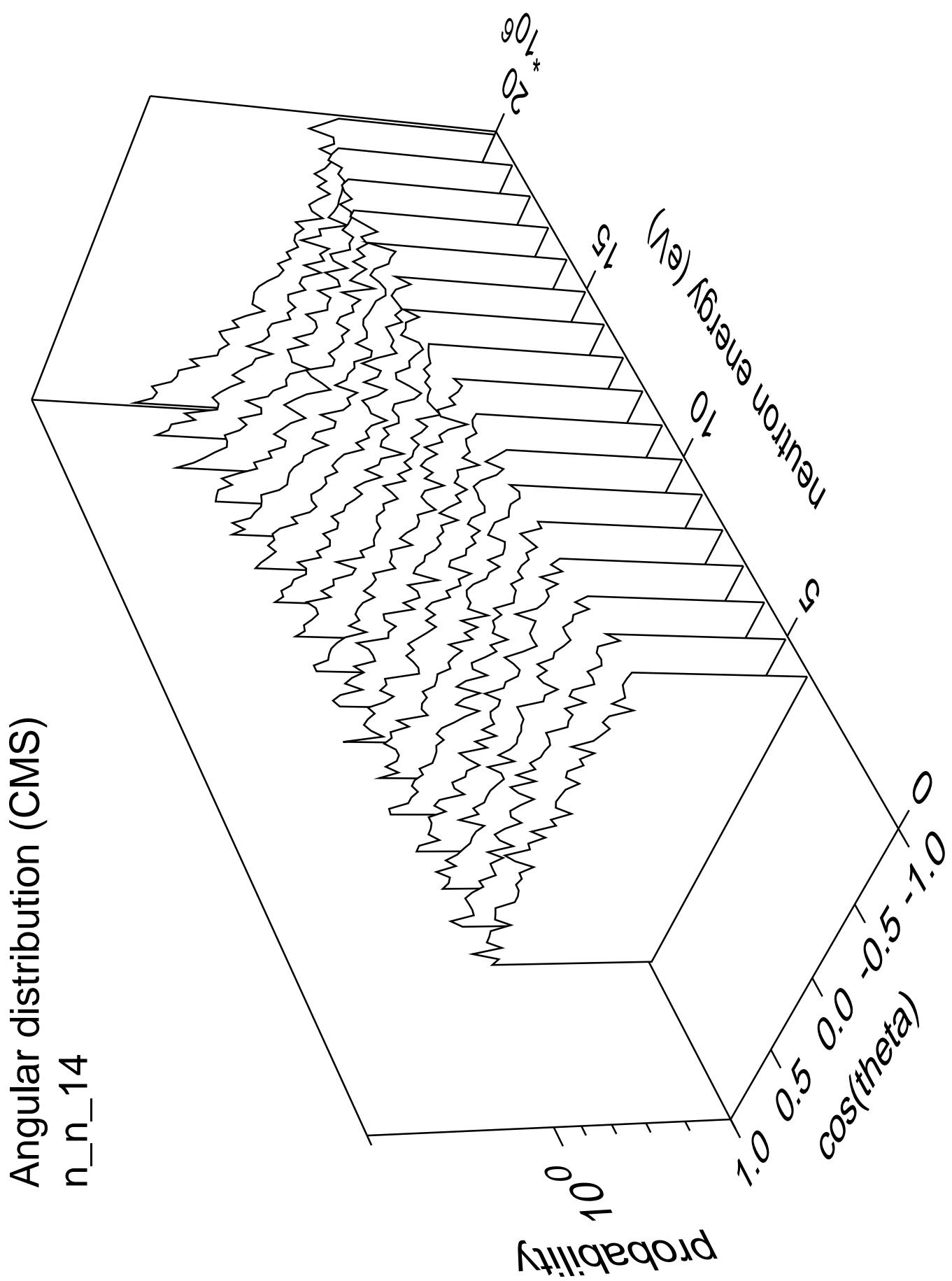




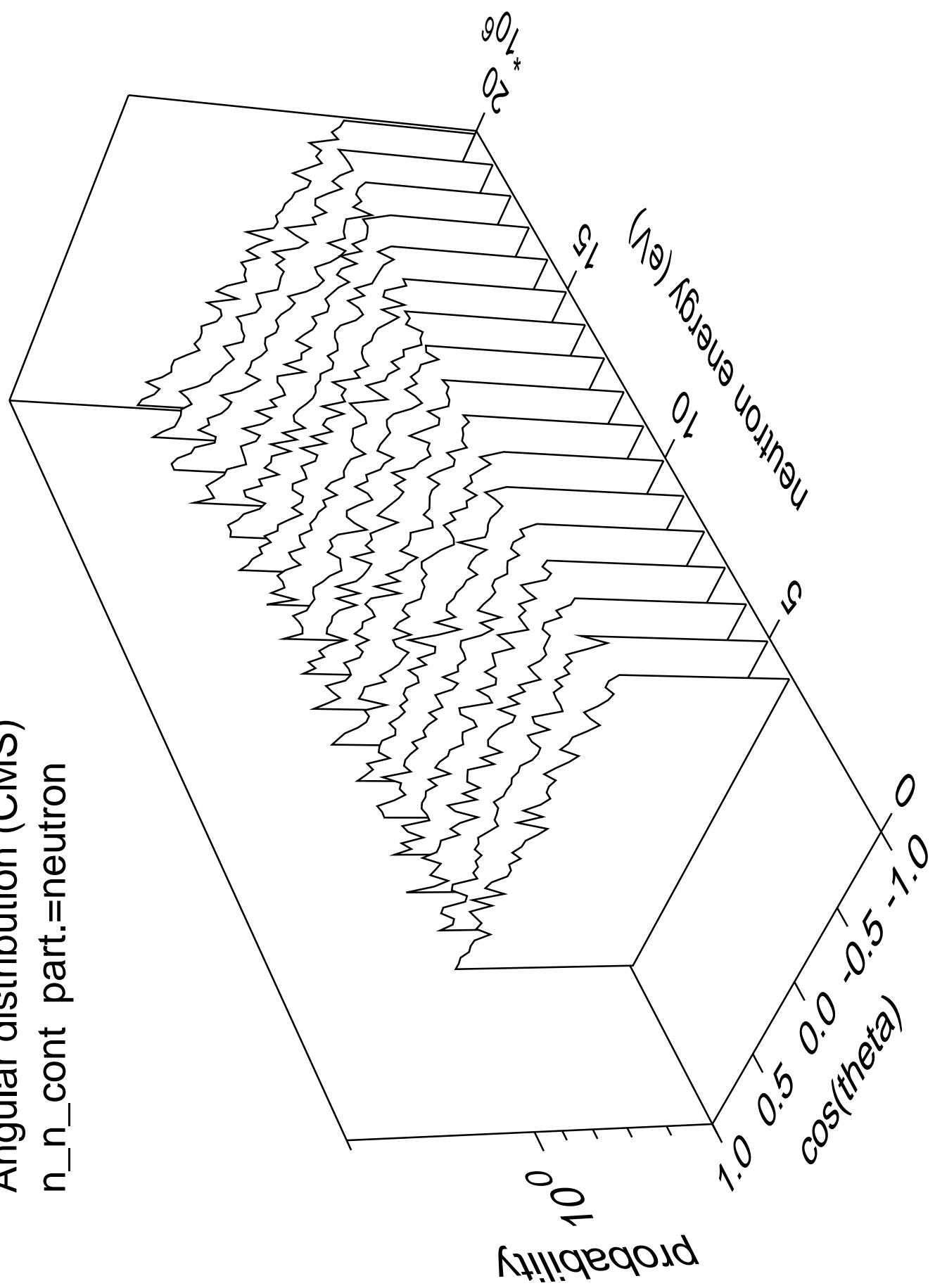


Angular distribution (CMS)
n_n_13

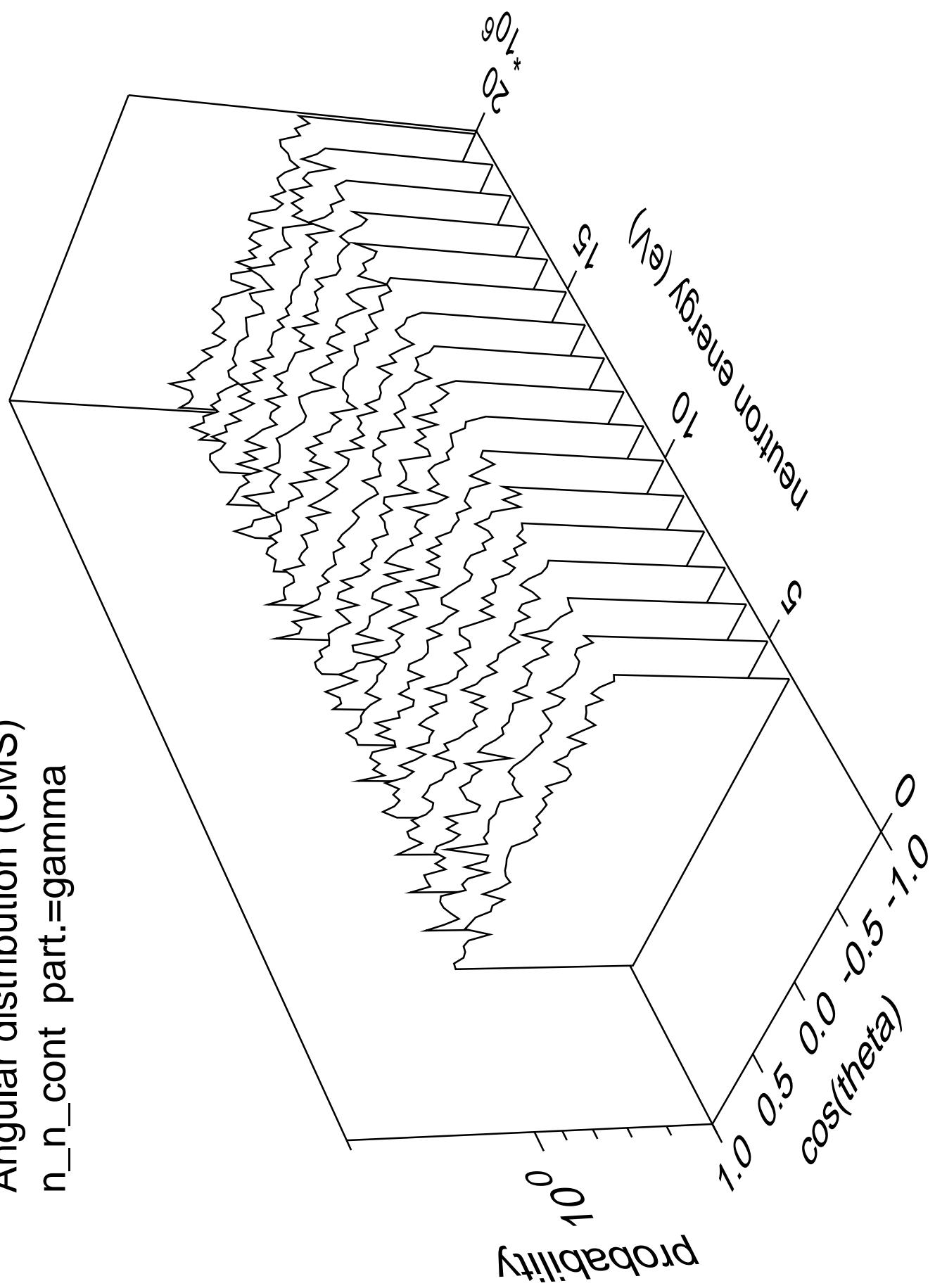


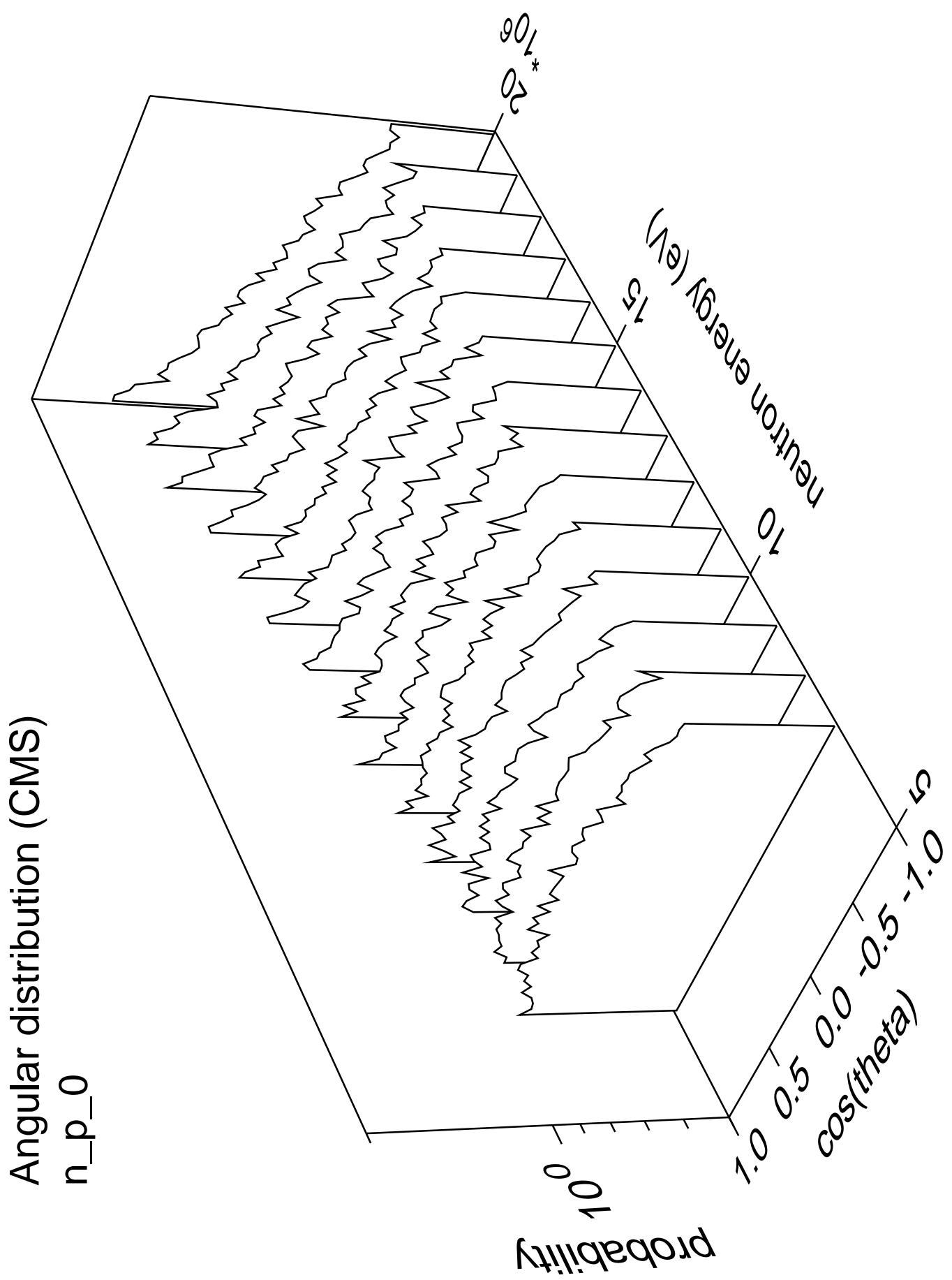


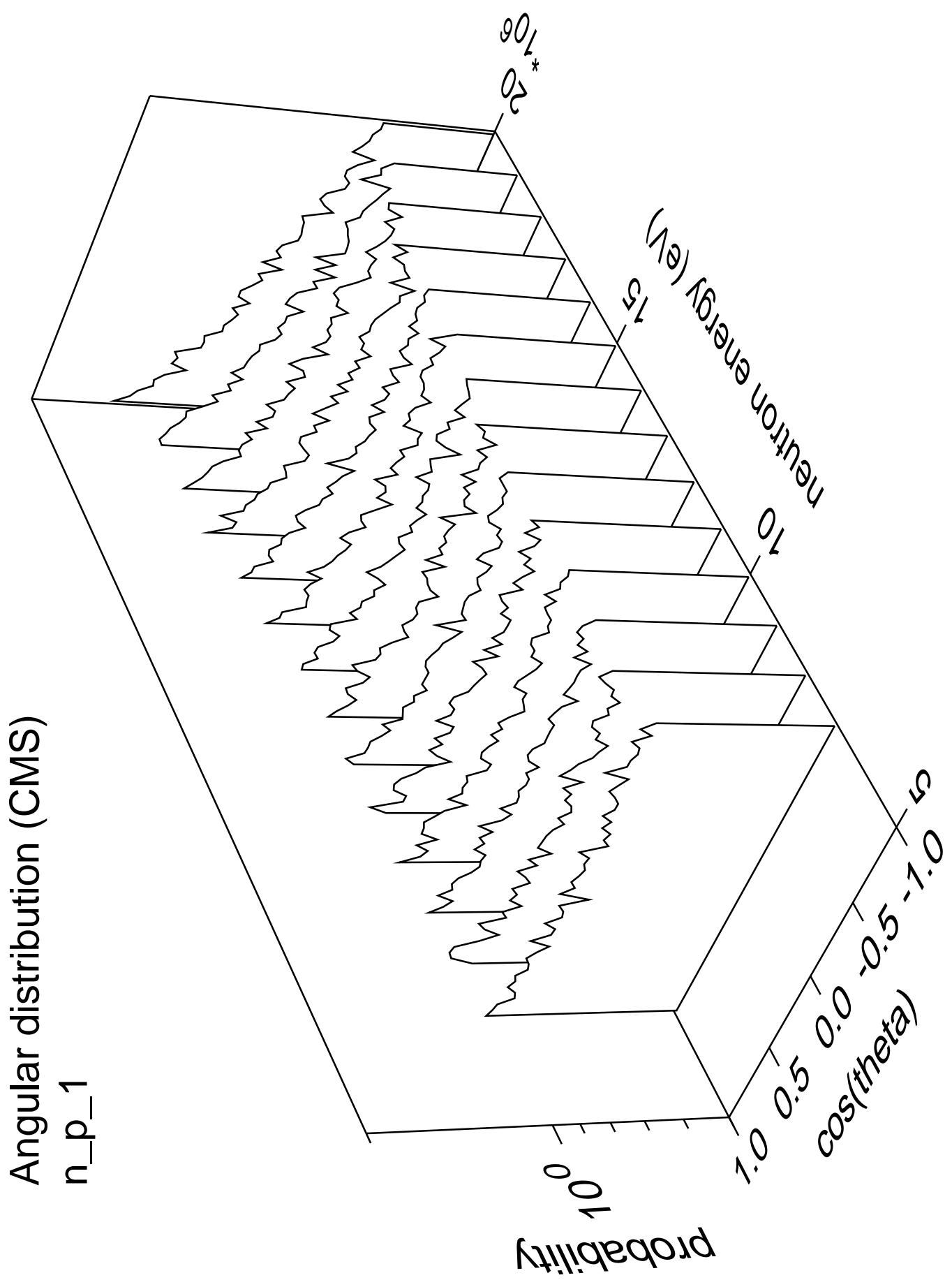
Angular distribution (CMS)
 n_n_{cont} part.=neutron

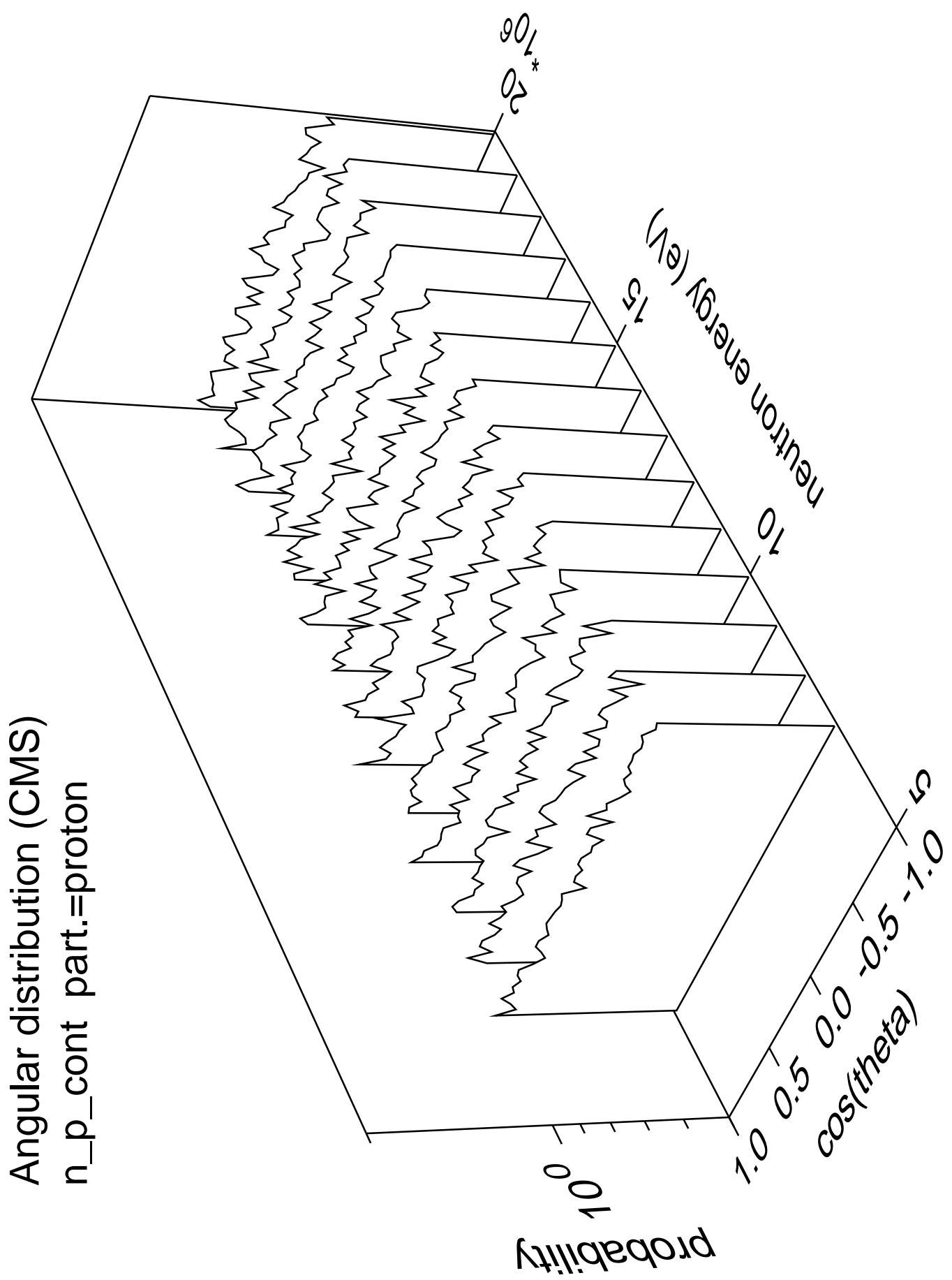


Angular distribution (CMS)
 n_n_{cont} part.=gamma

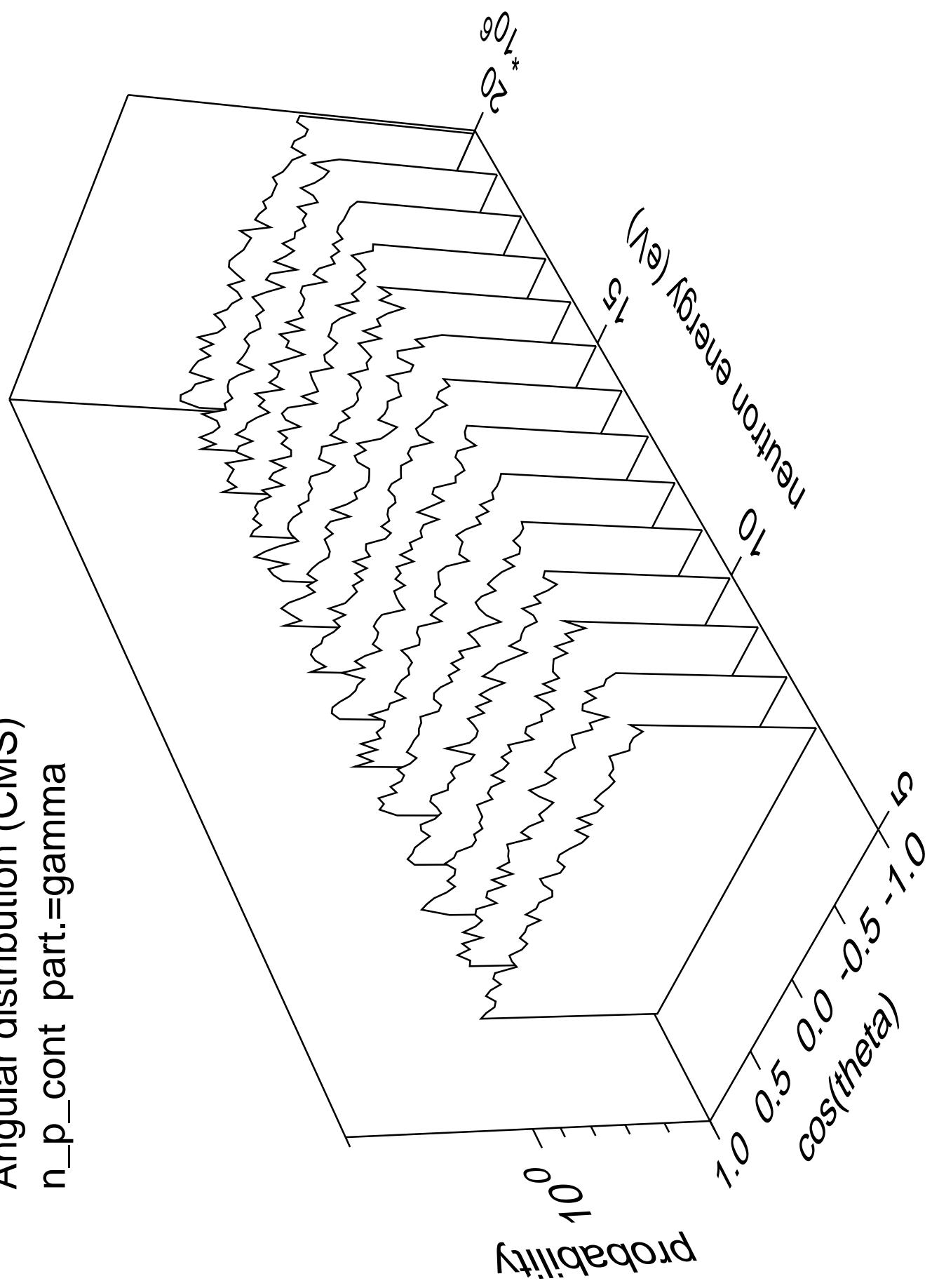


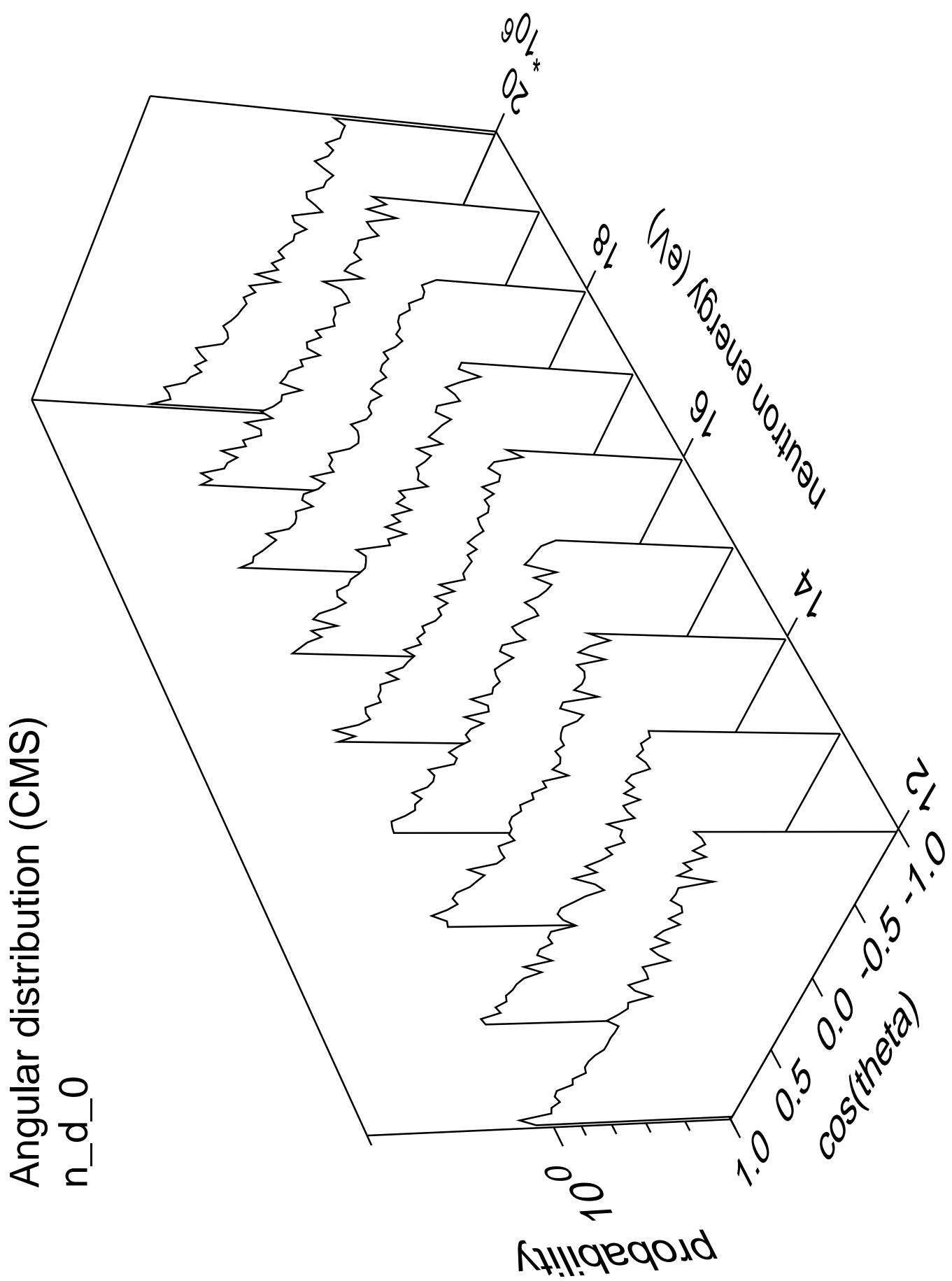


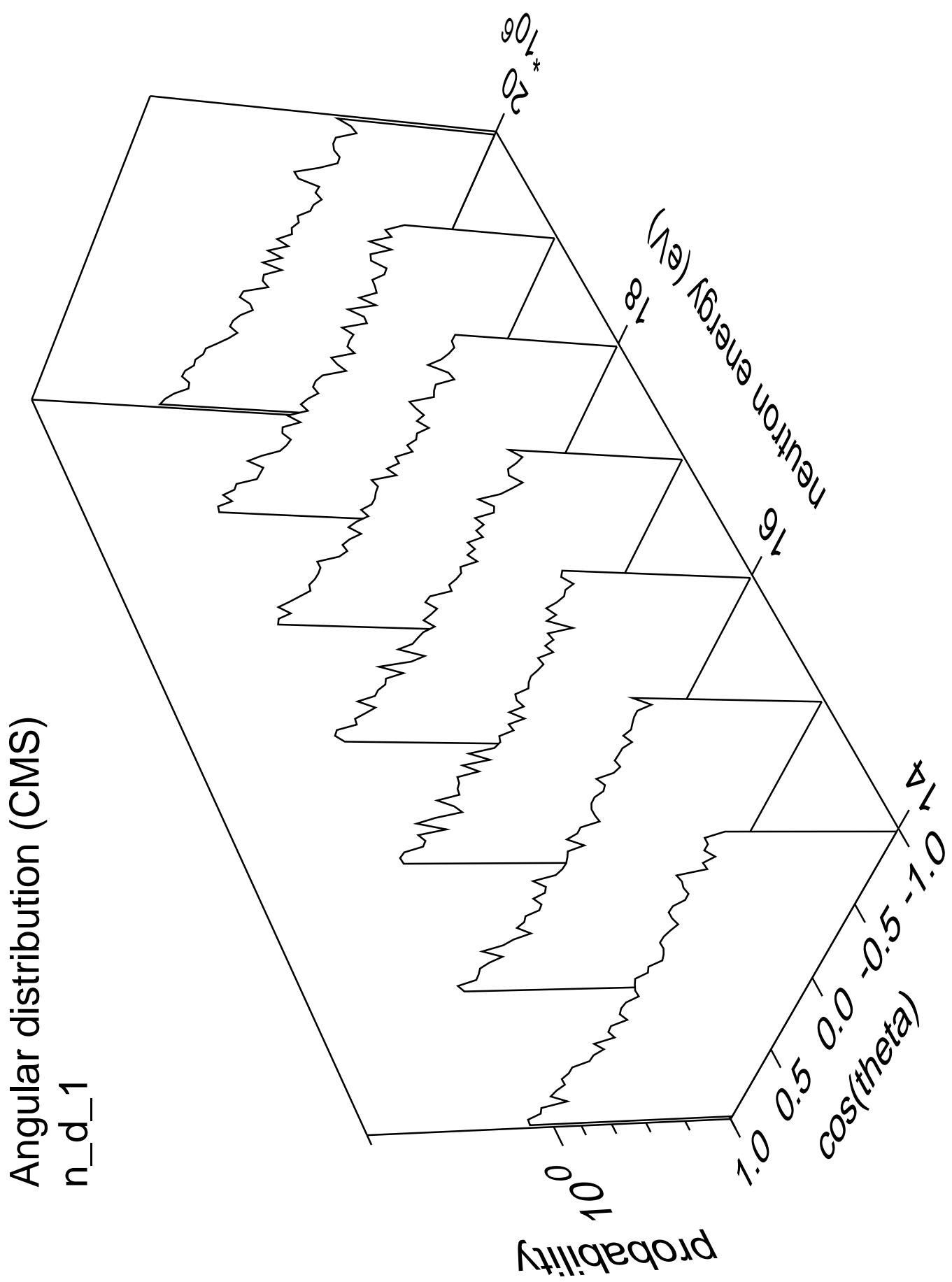




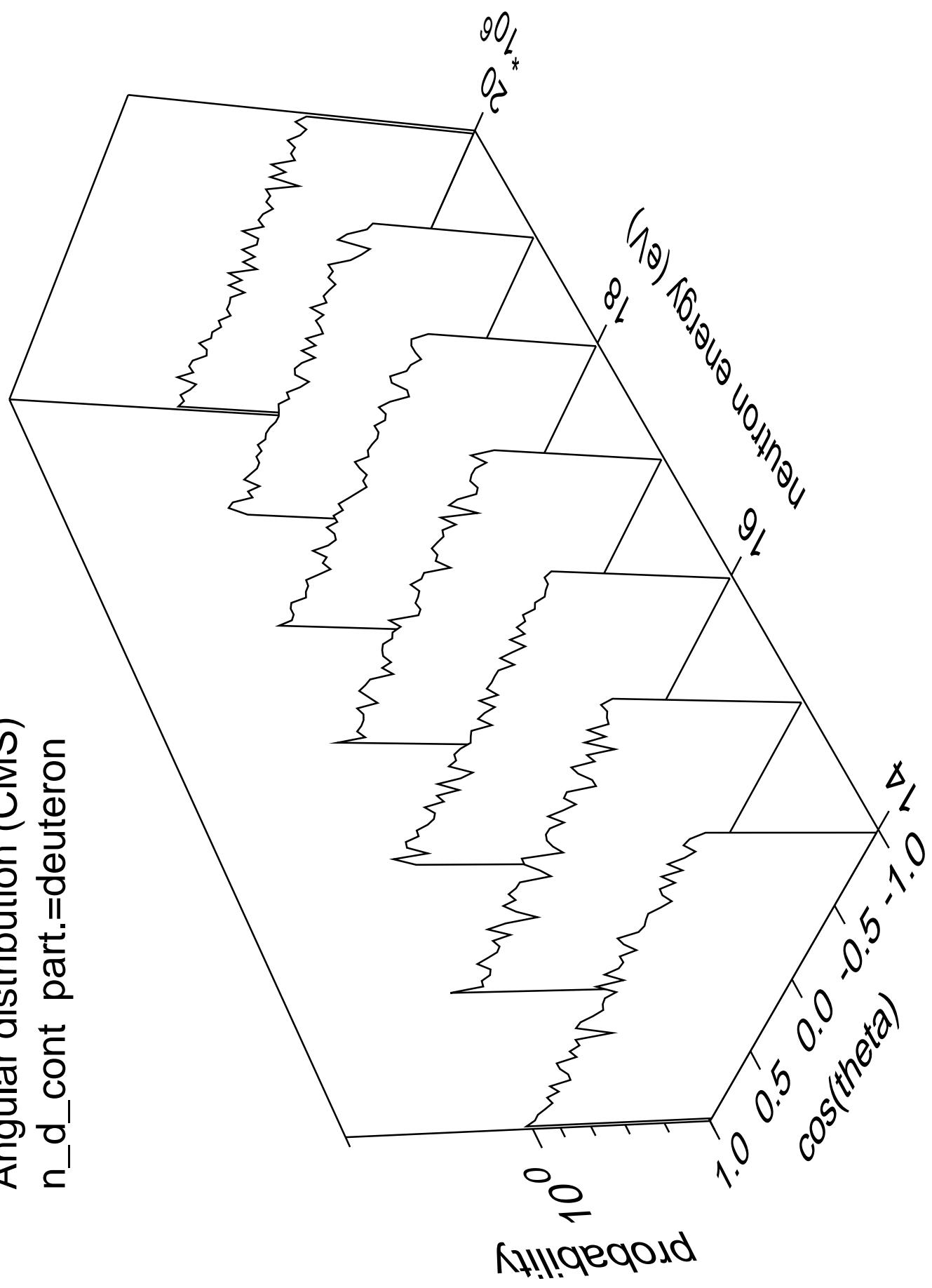
Angular distribution (CMS)
n_p_cont part.=gamma



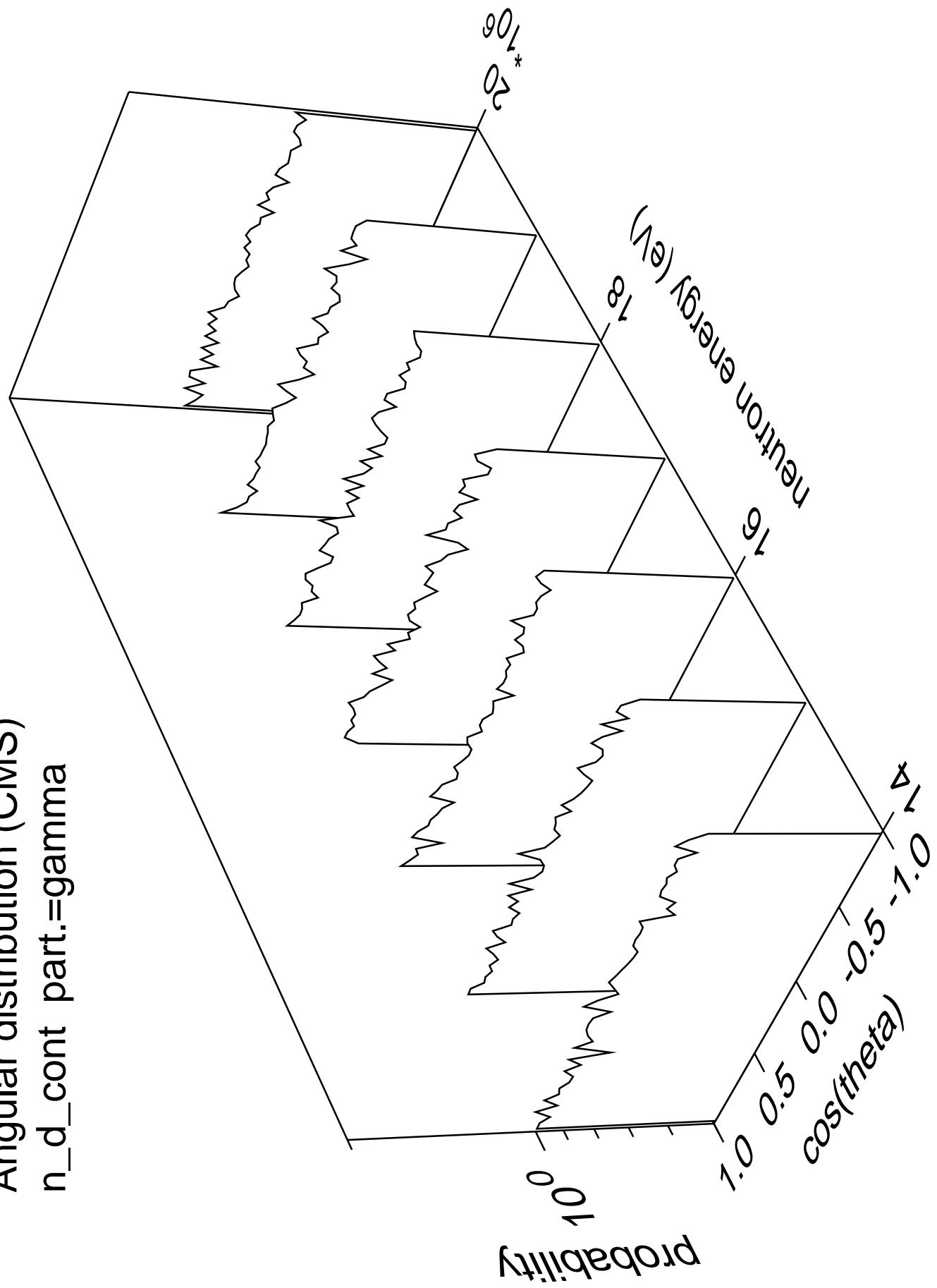


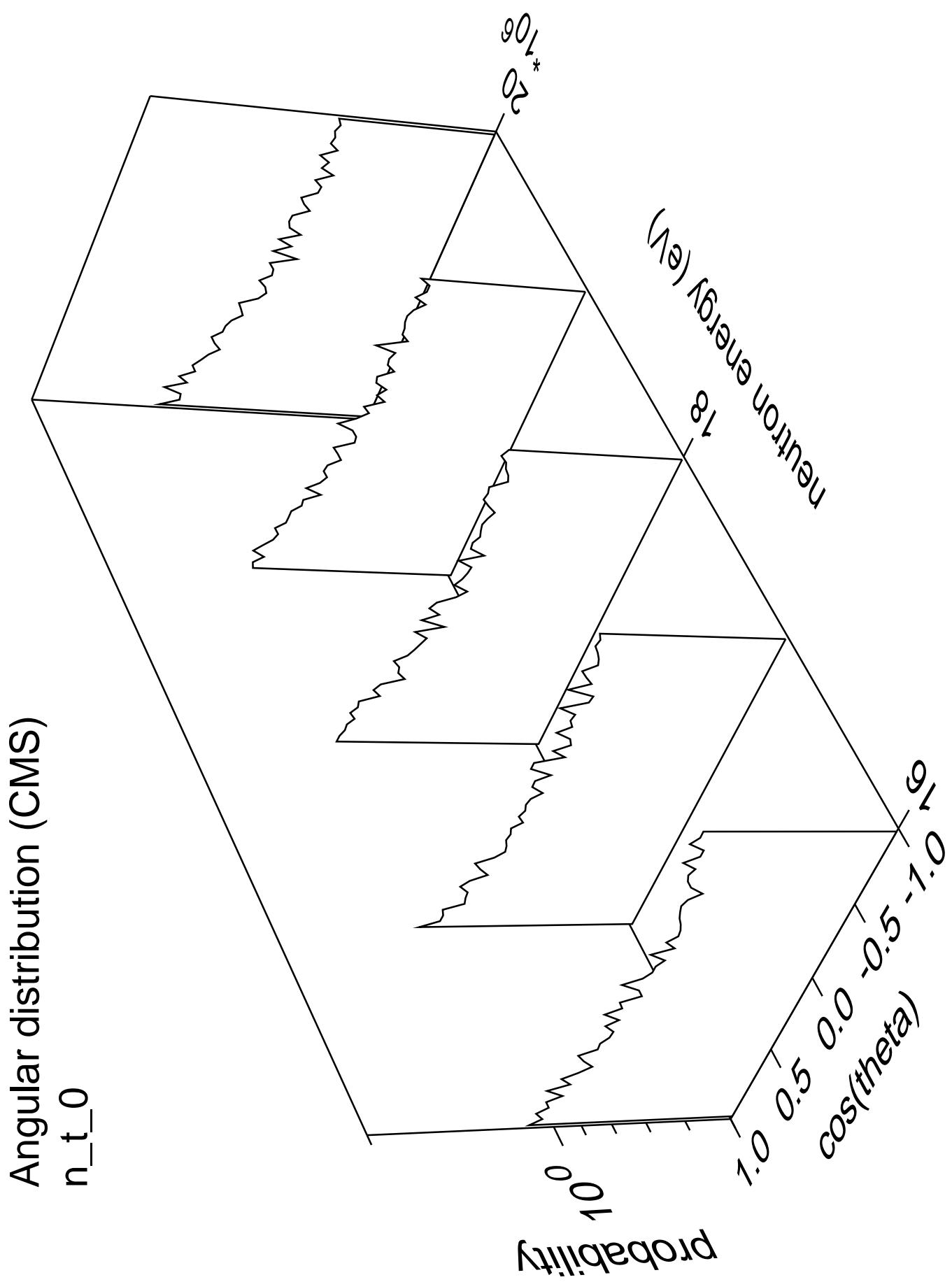


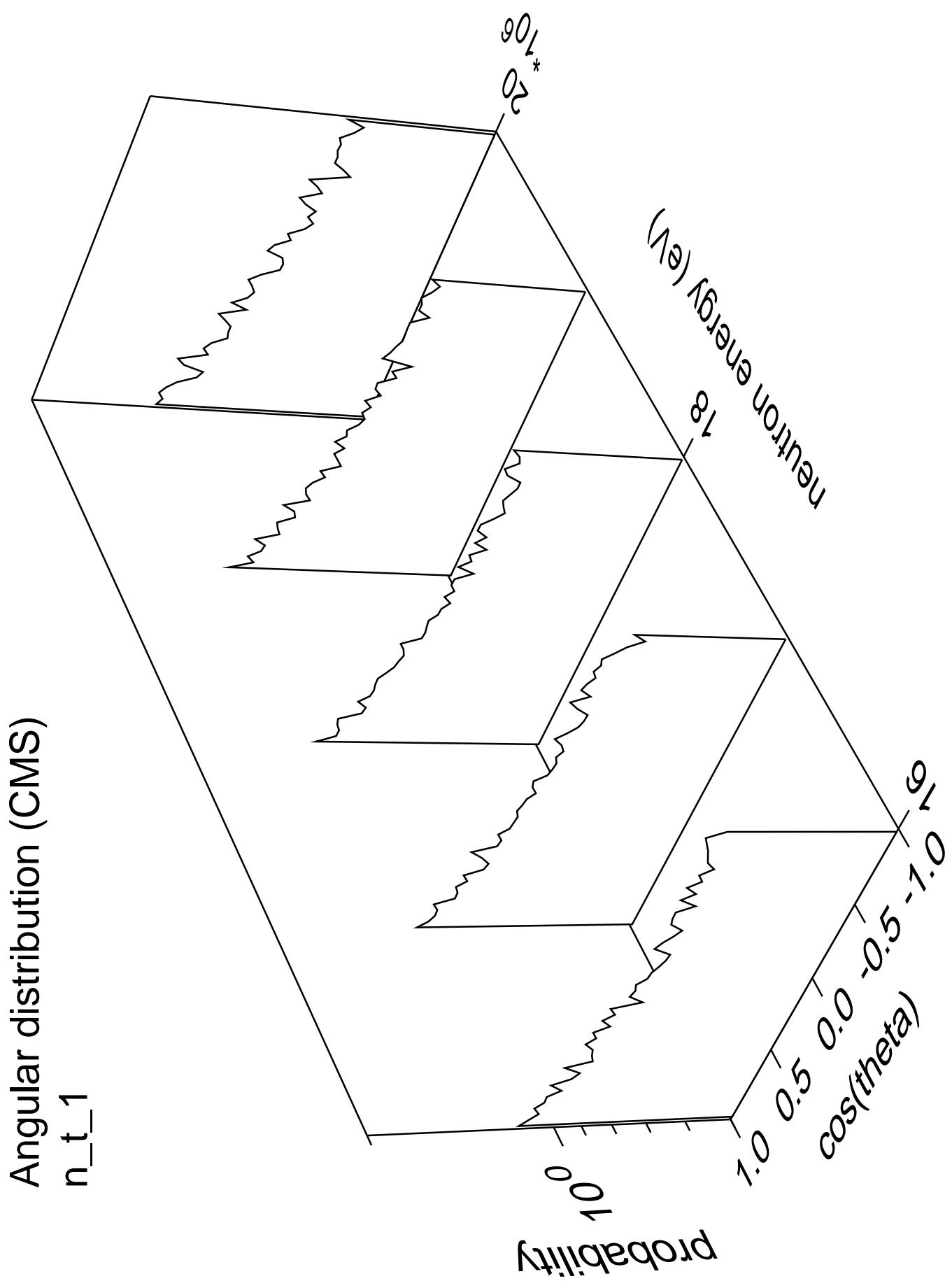
Angular distribution (CMS)
 n_d cont part.=deuteron

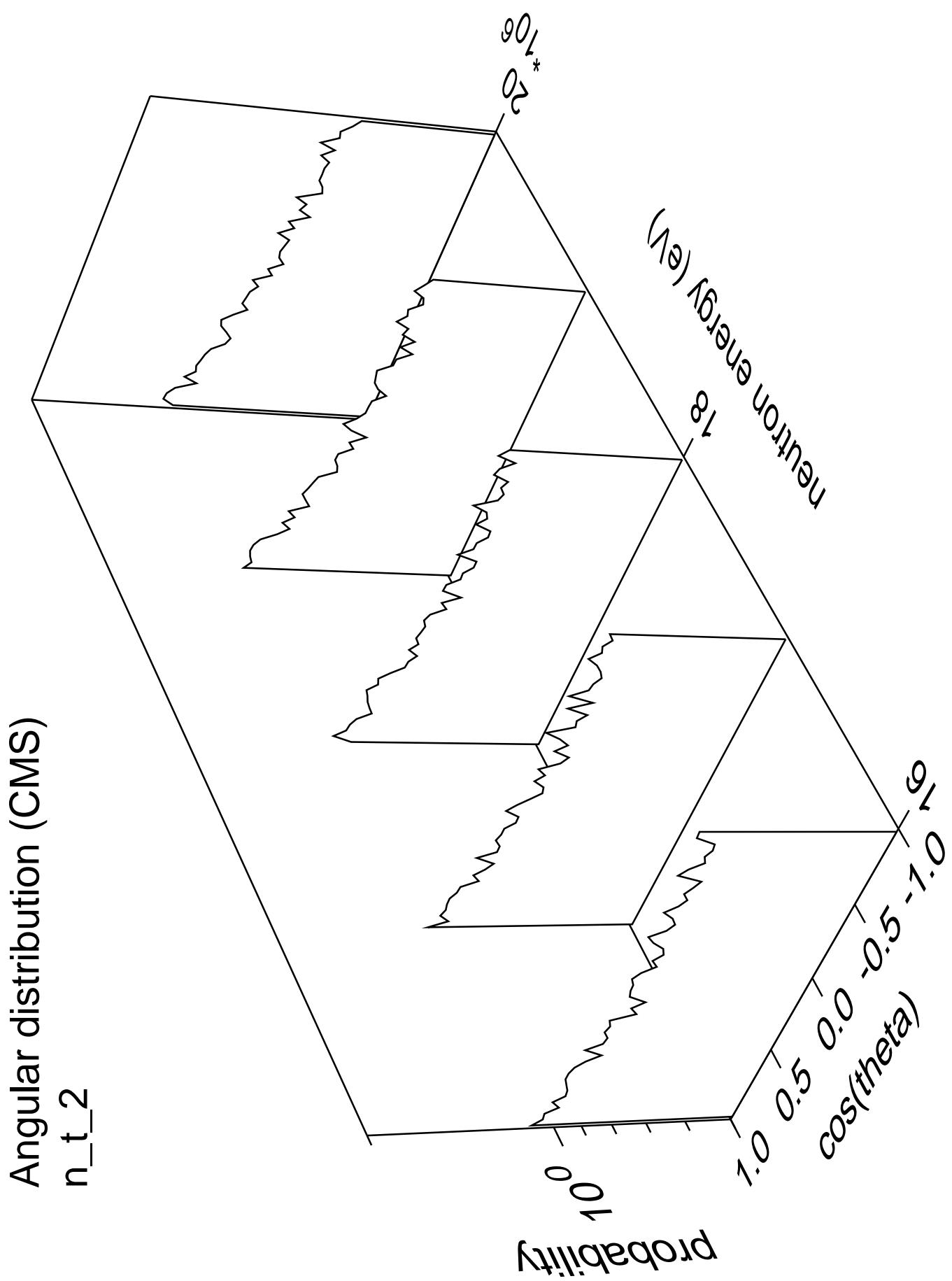


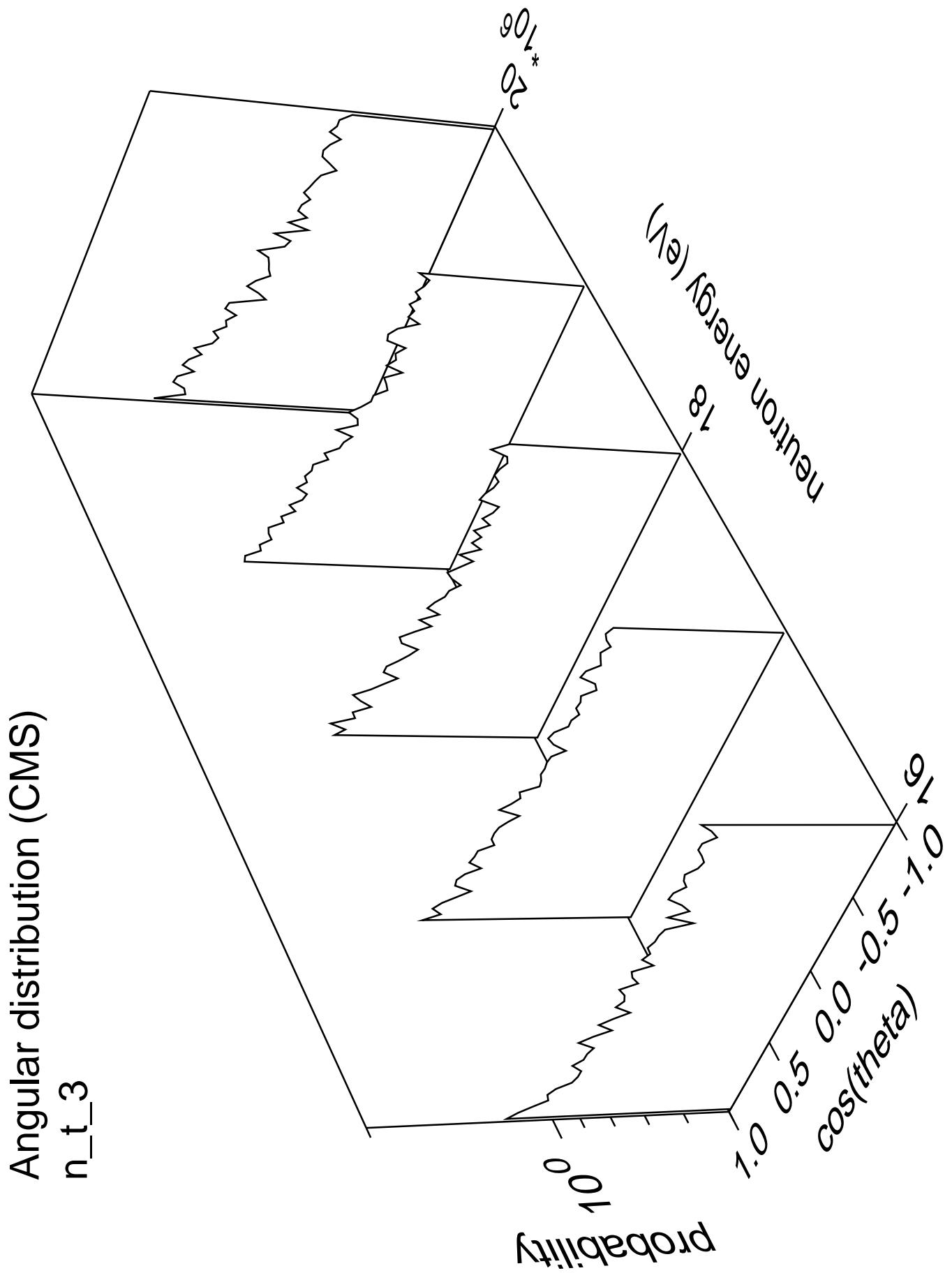
Angular distribution (CMS)
n_d_cont part.=gamma

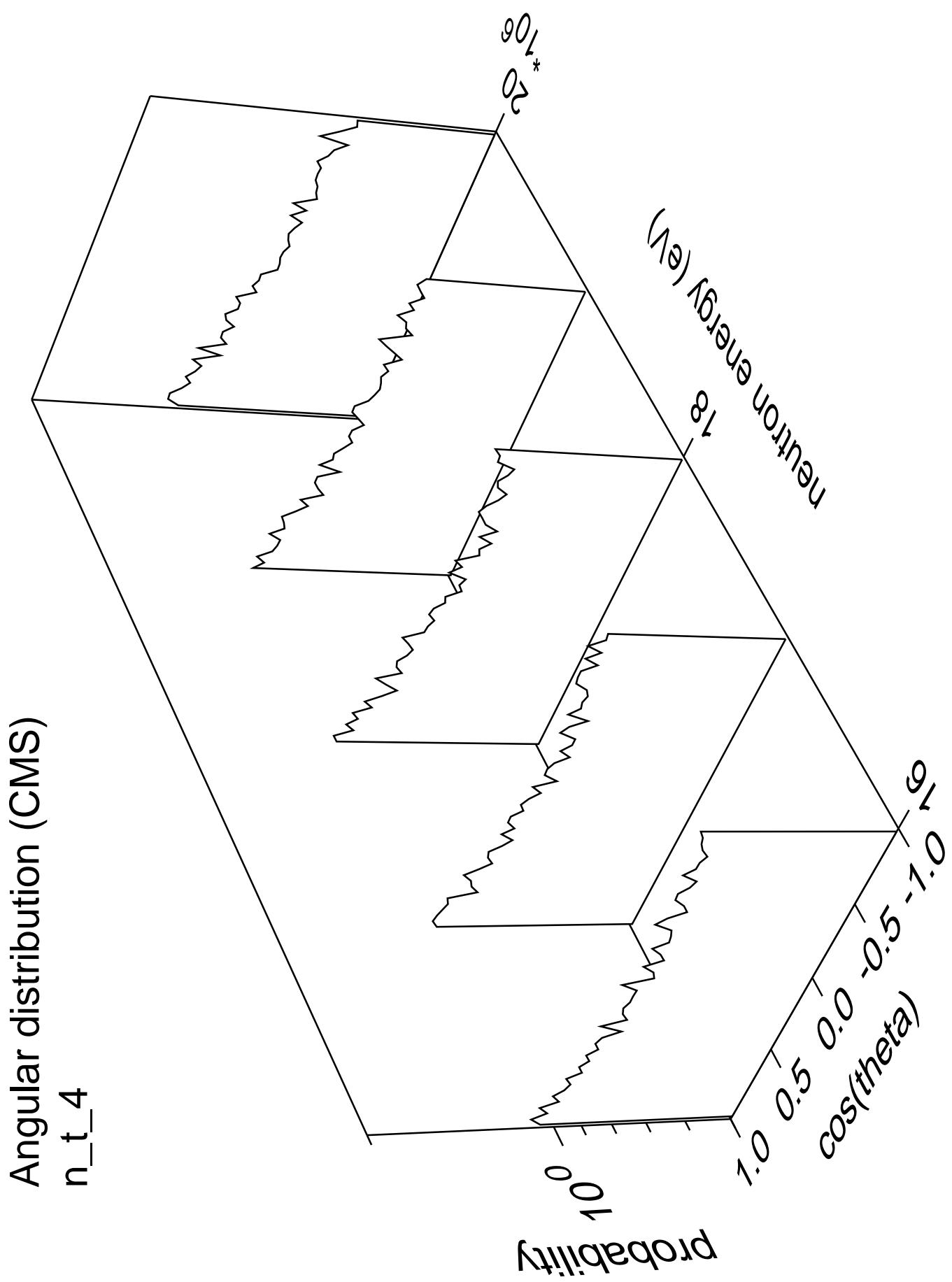


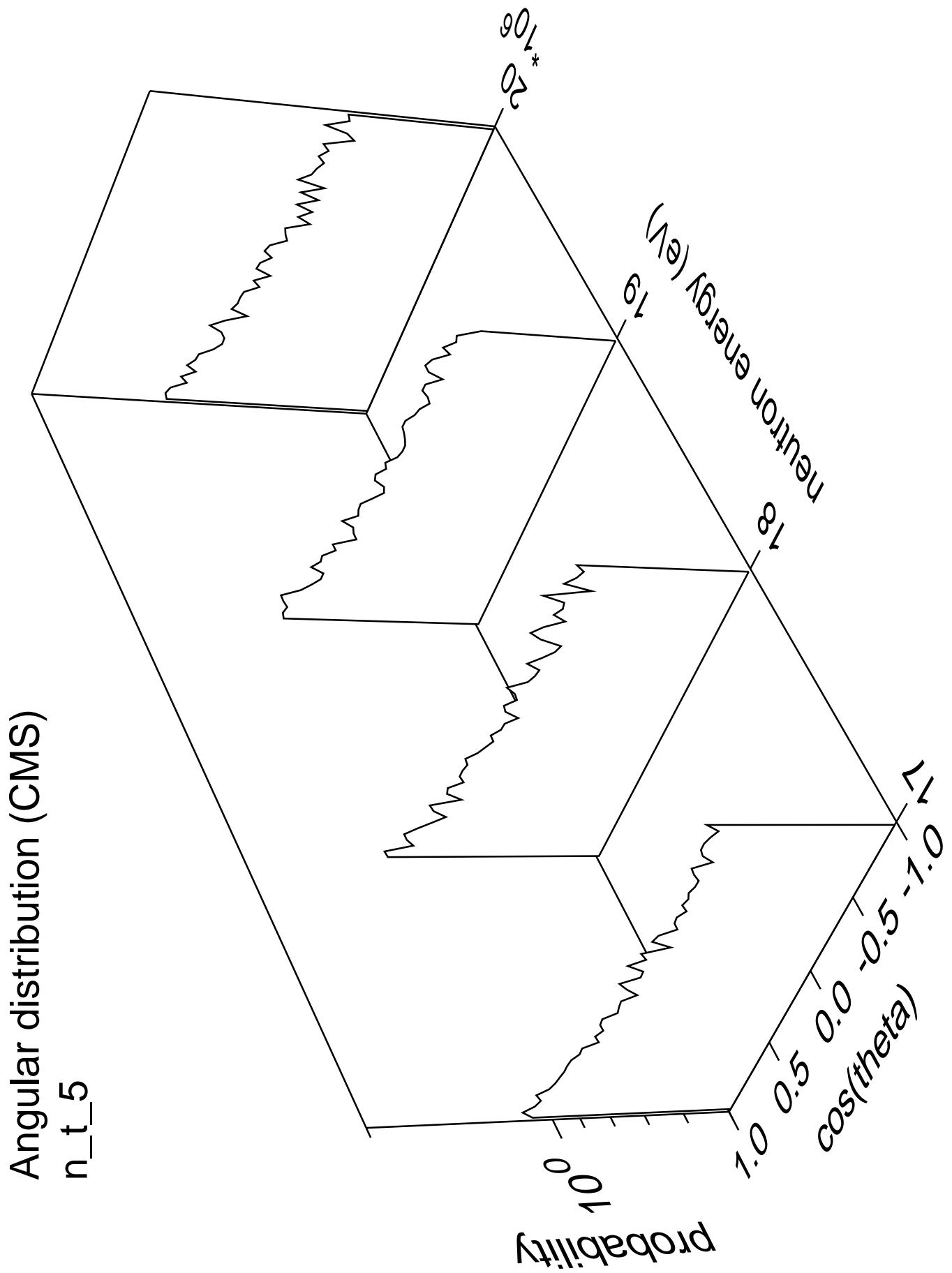


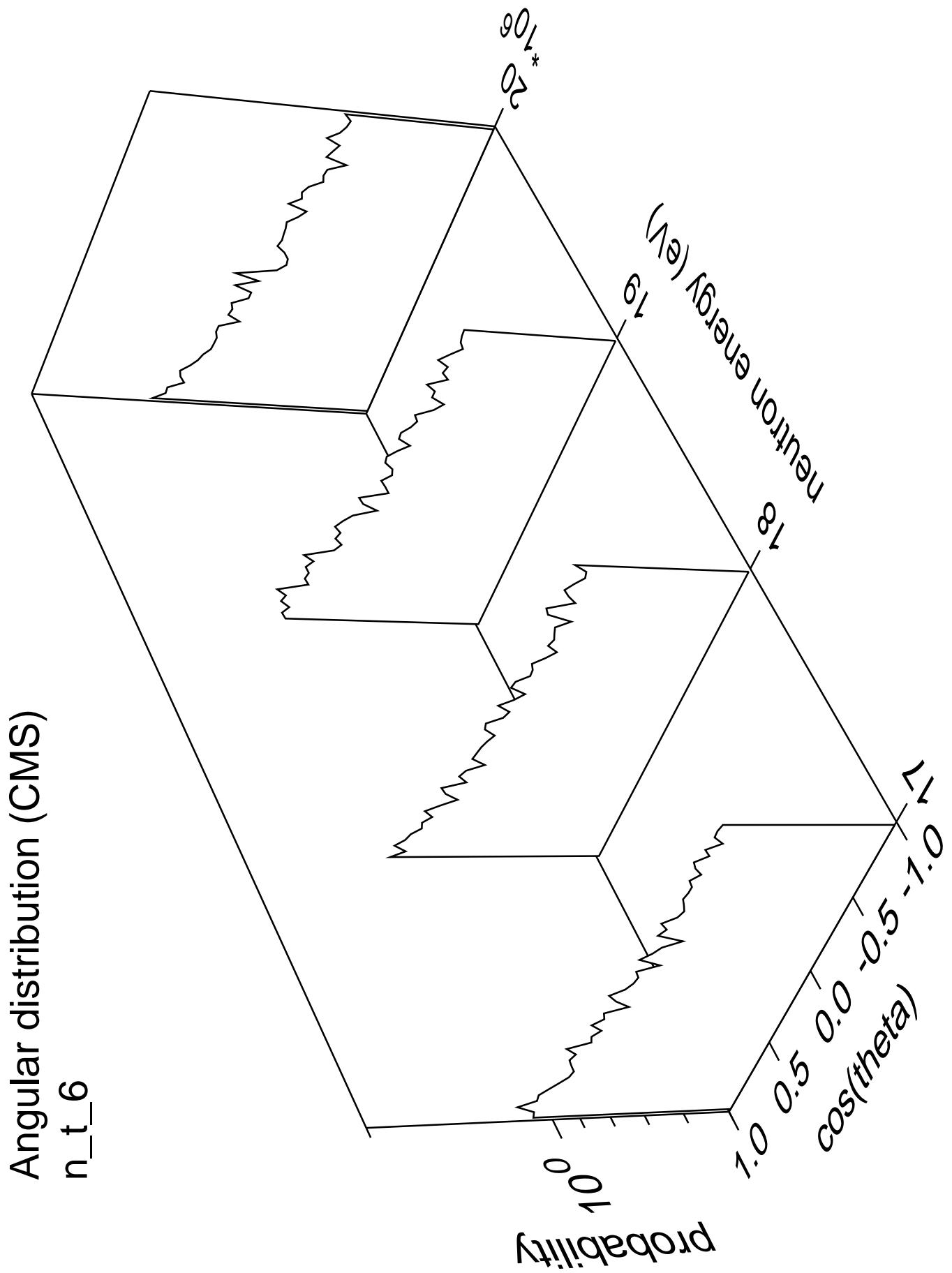


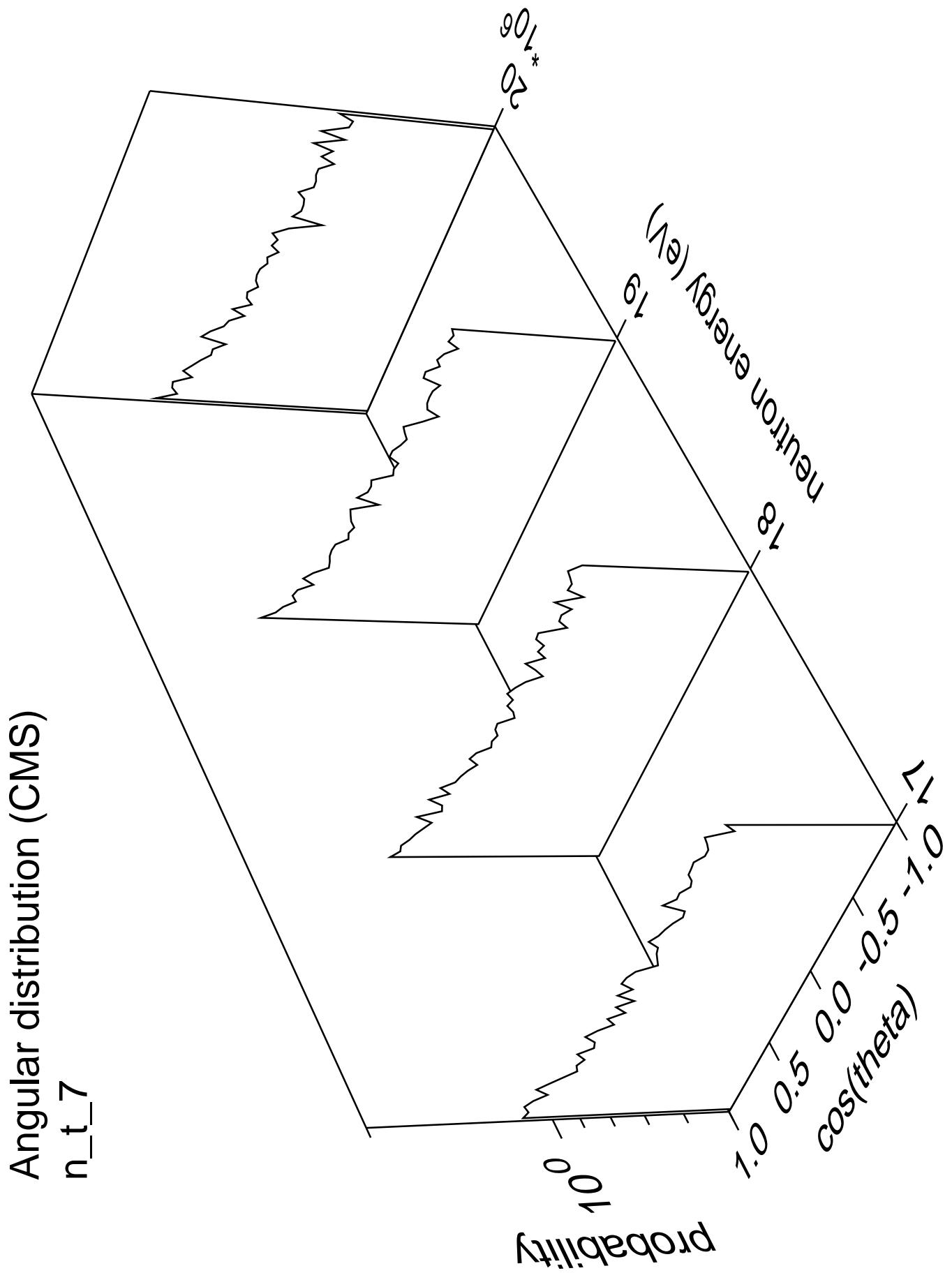


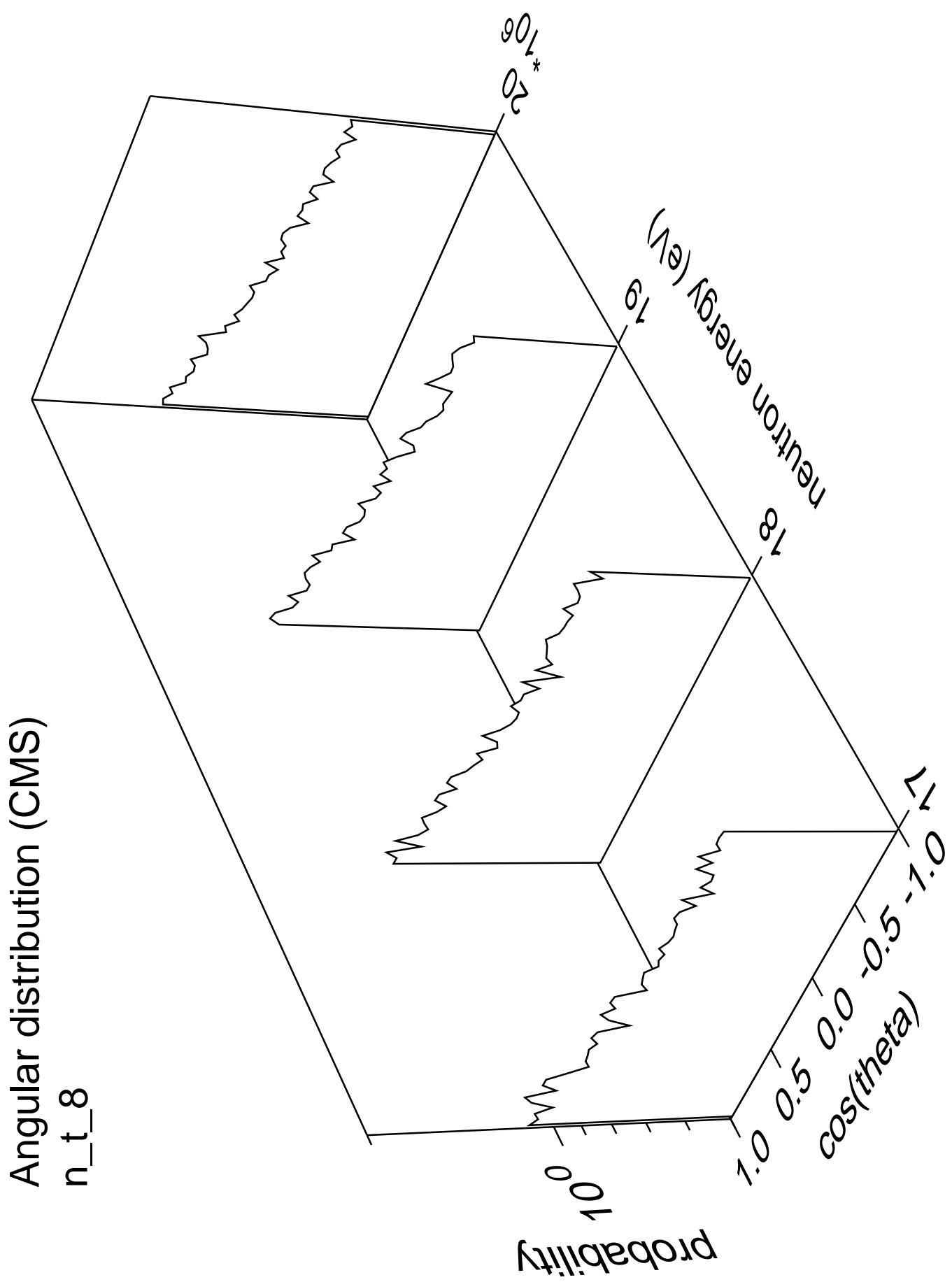


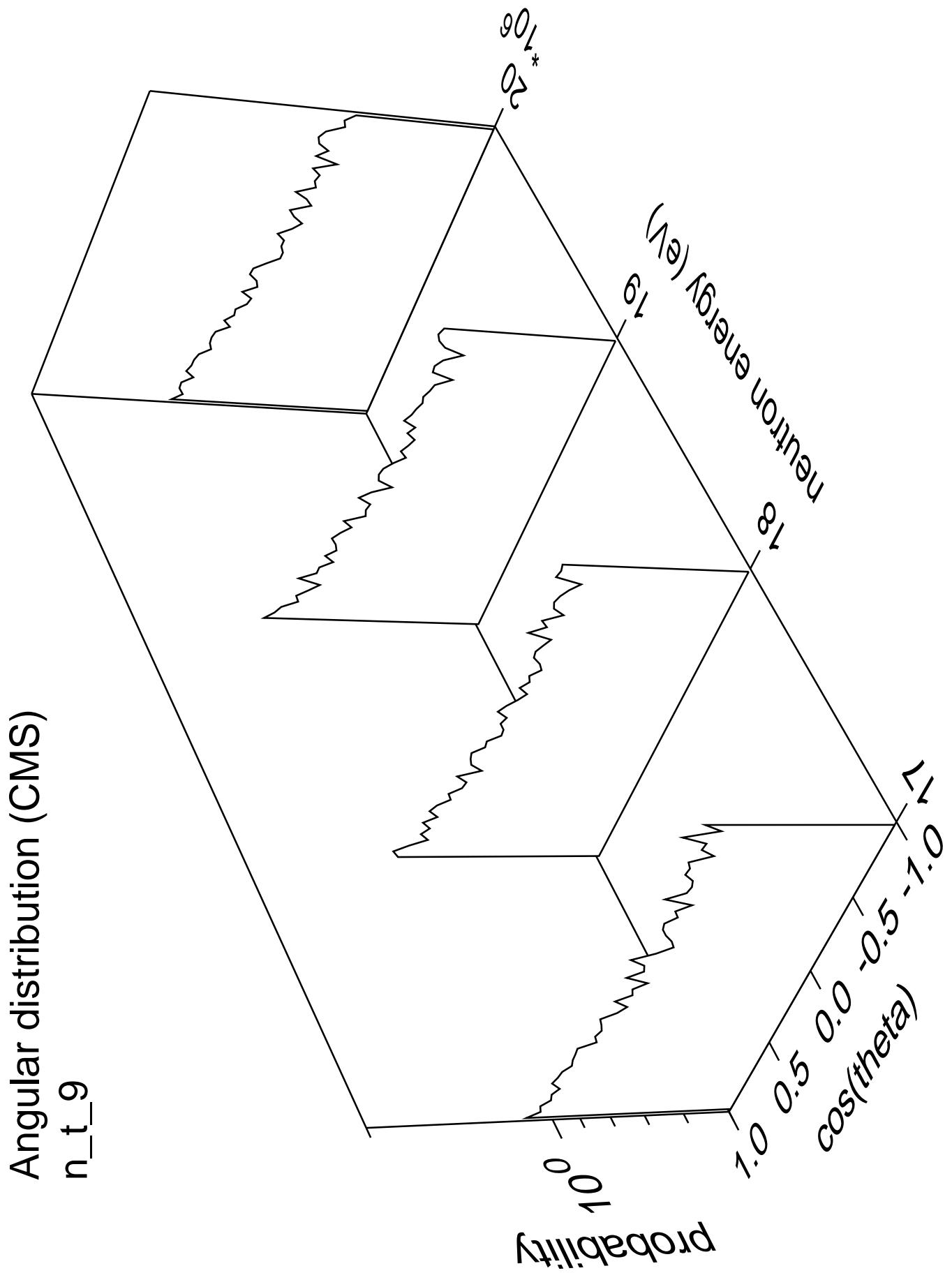




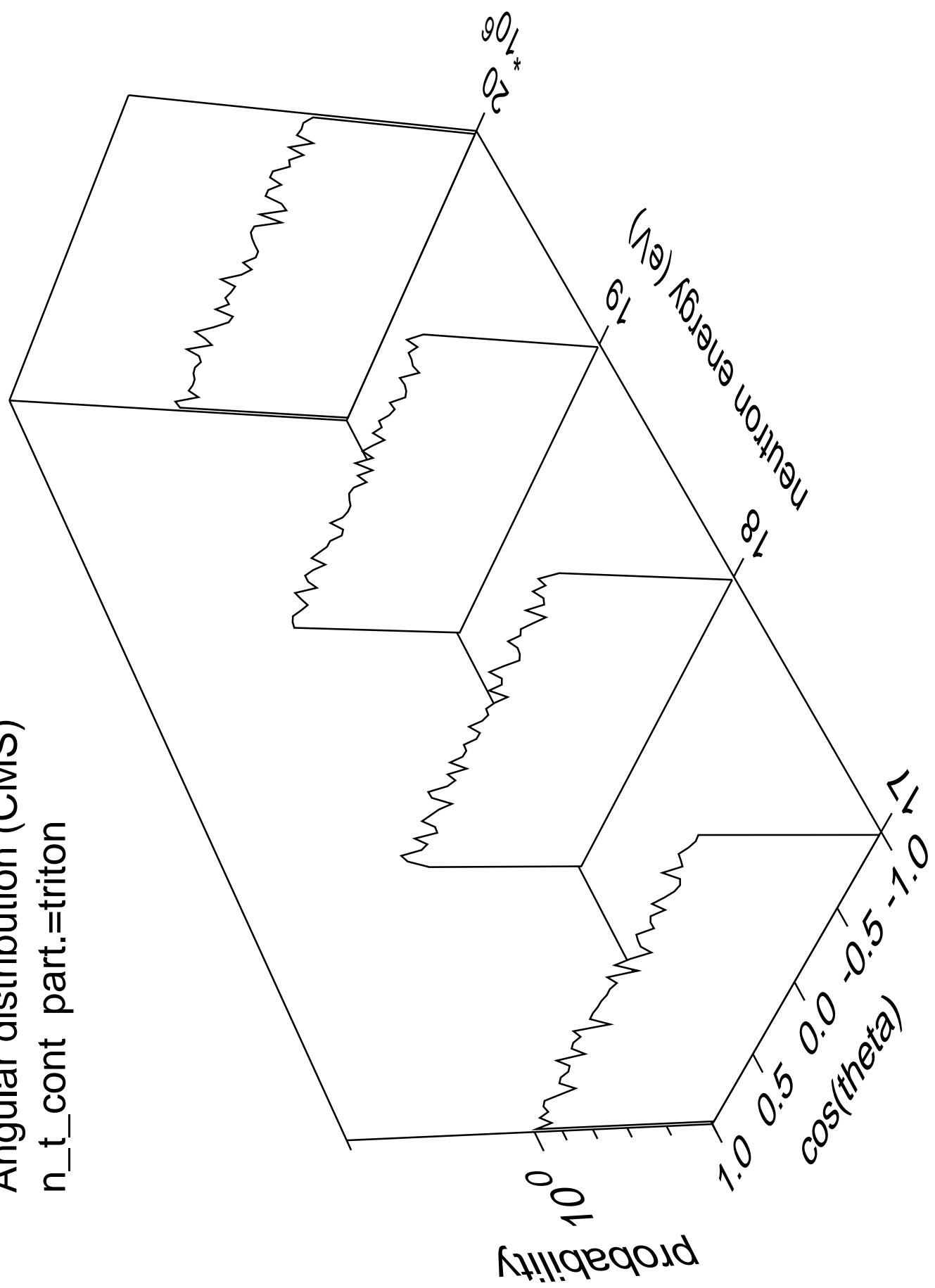




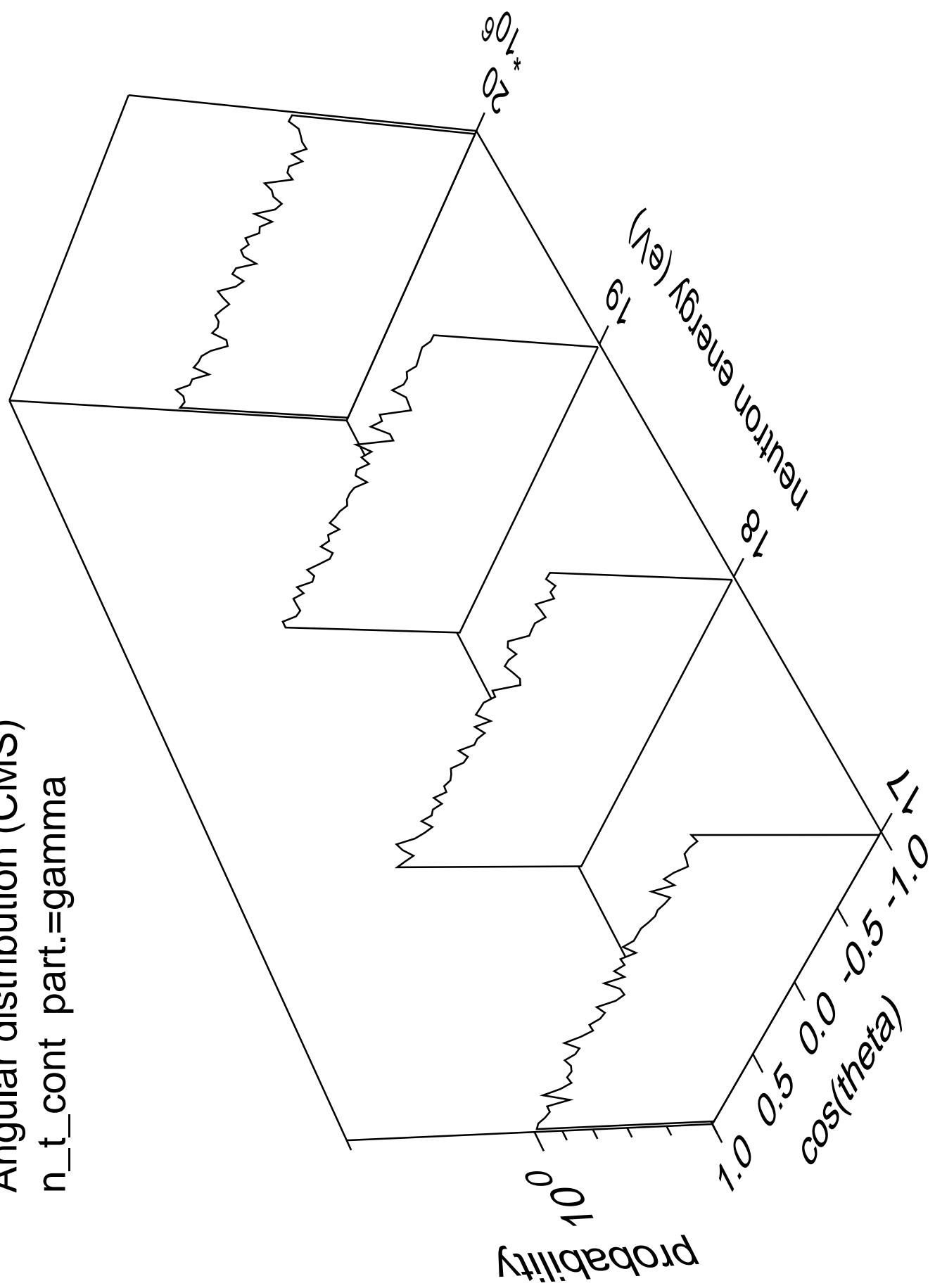


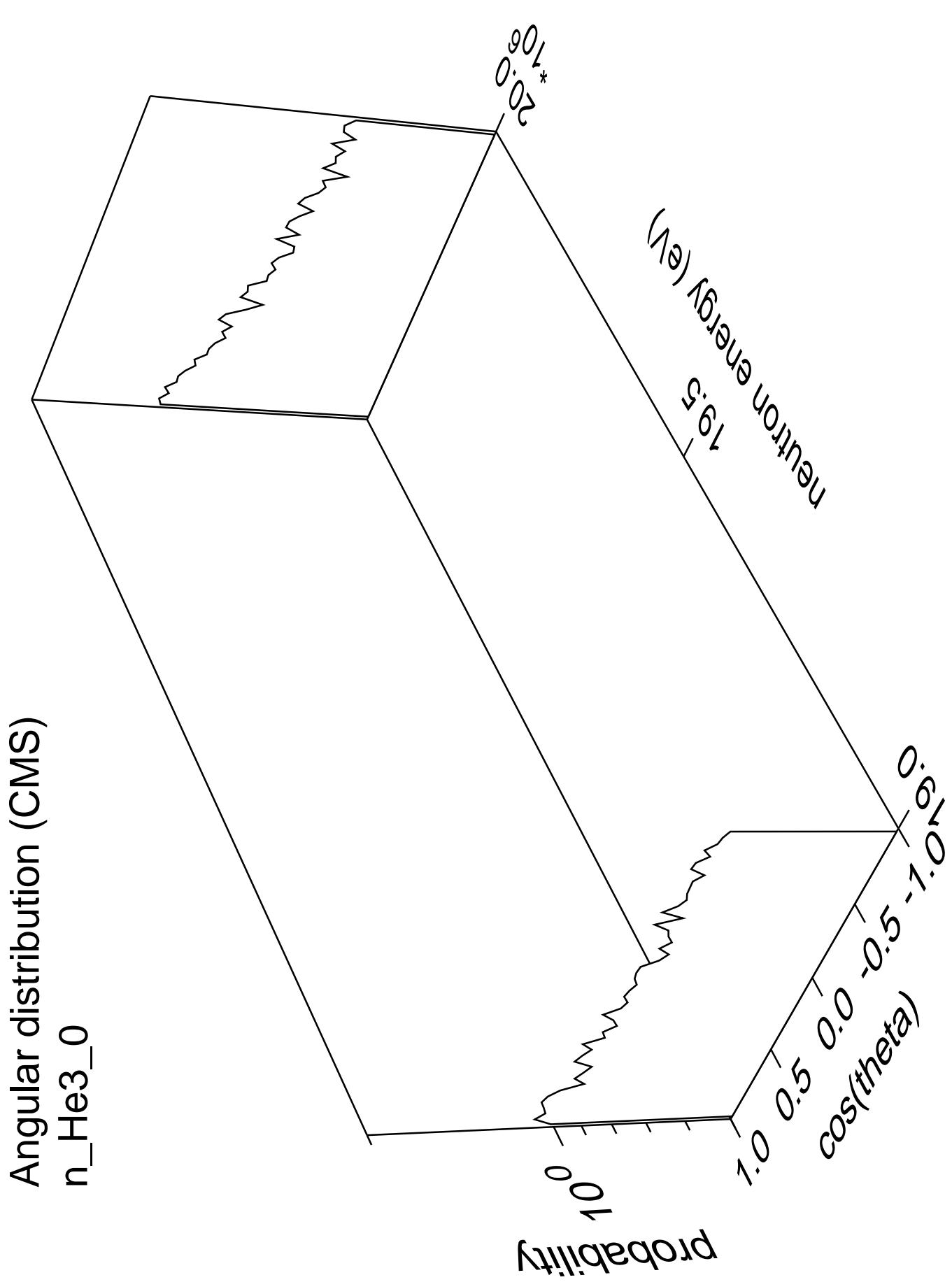


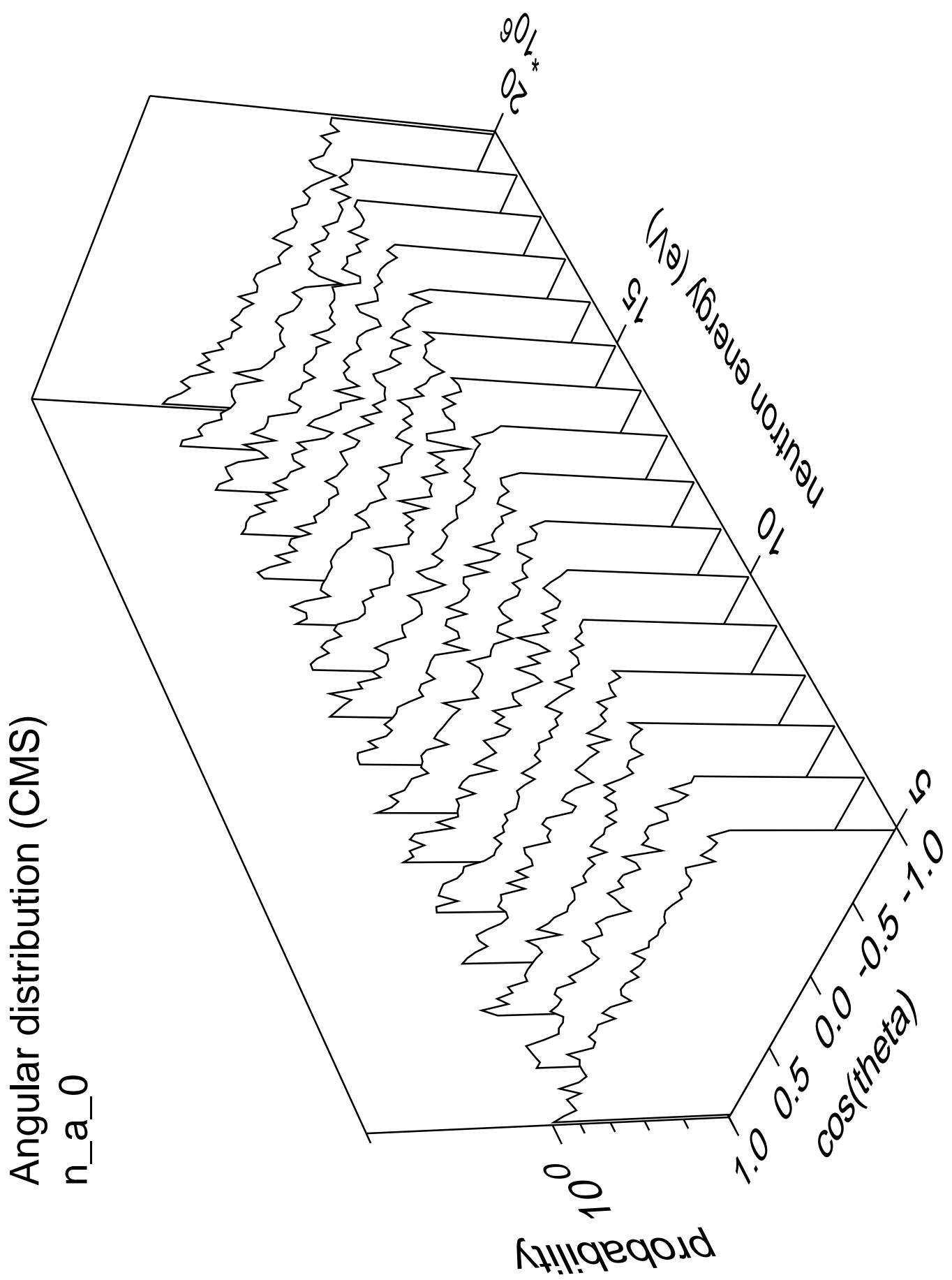
Angular distribution (CMS)
 n_t cont part.=triton

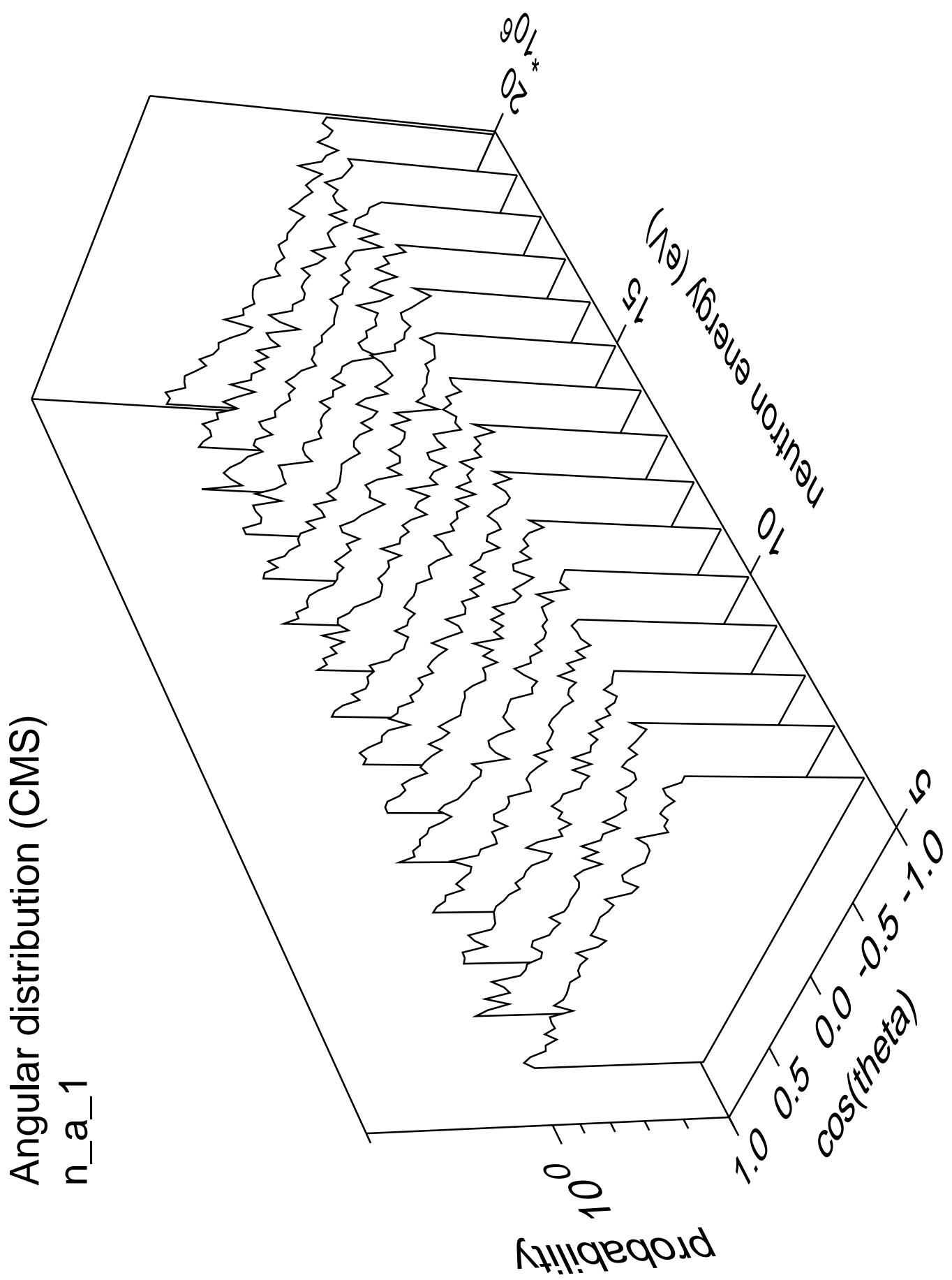


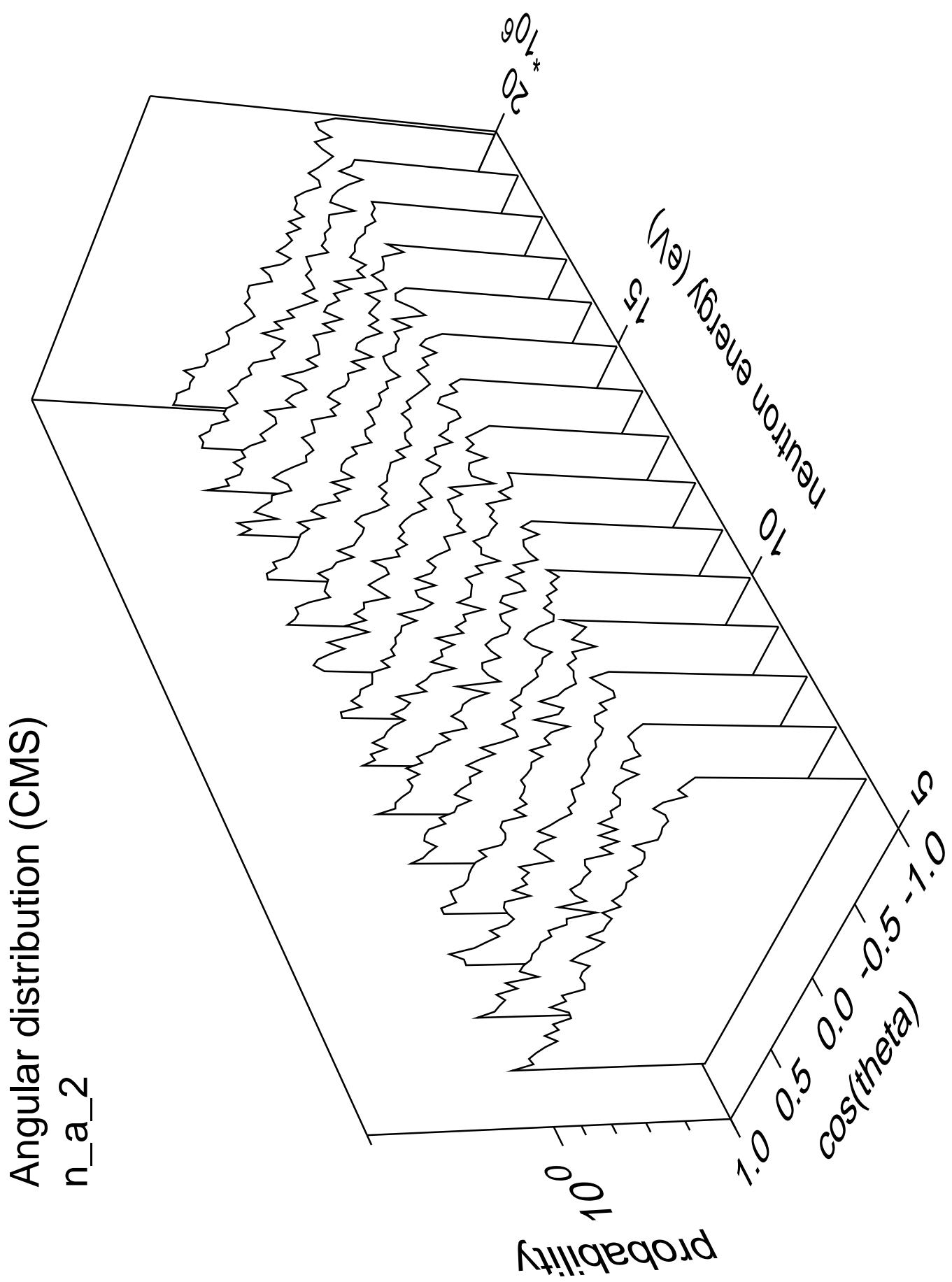
Angular distribution (CMS)
 n_t cont part.=gamma

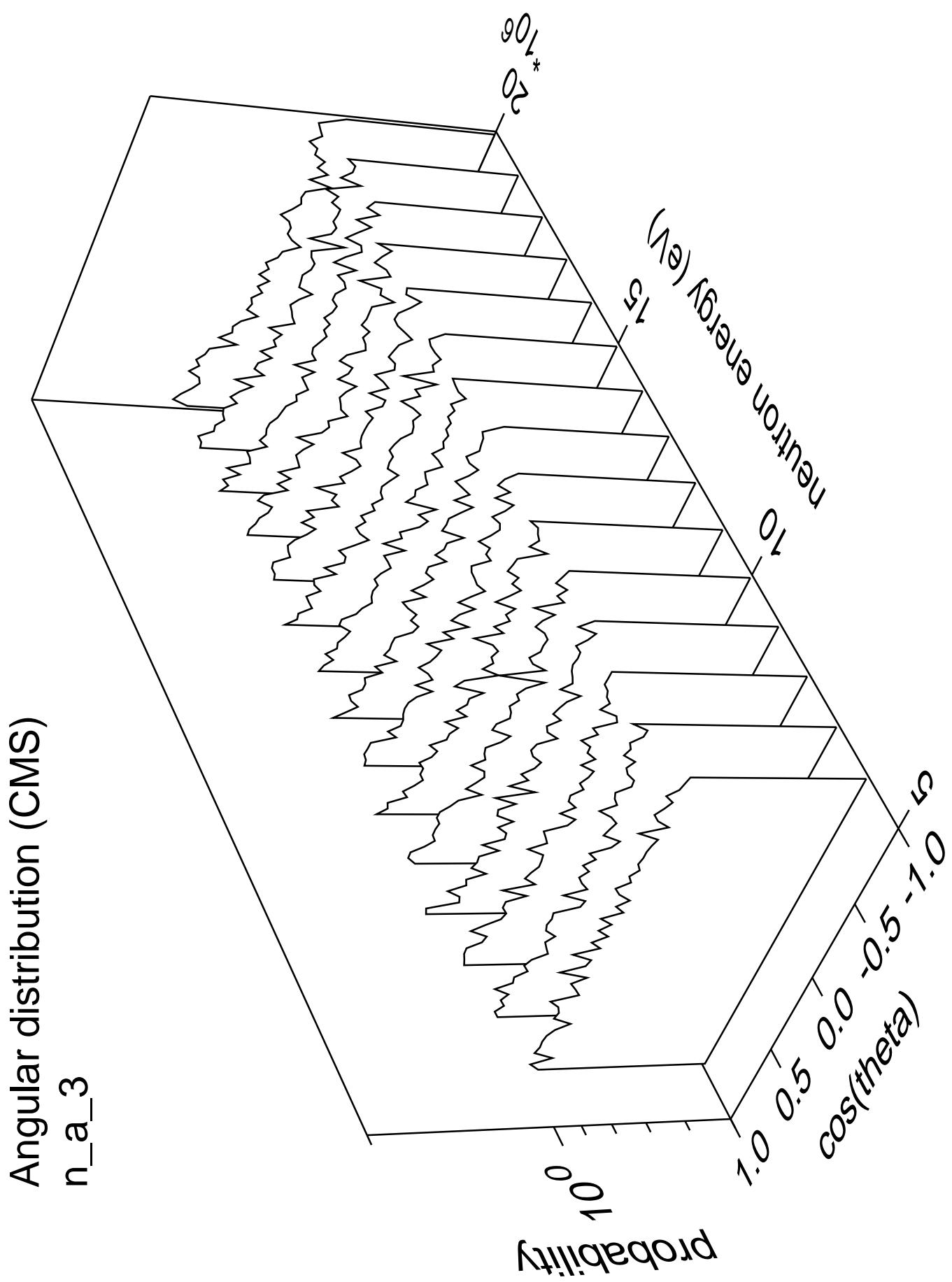




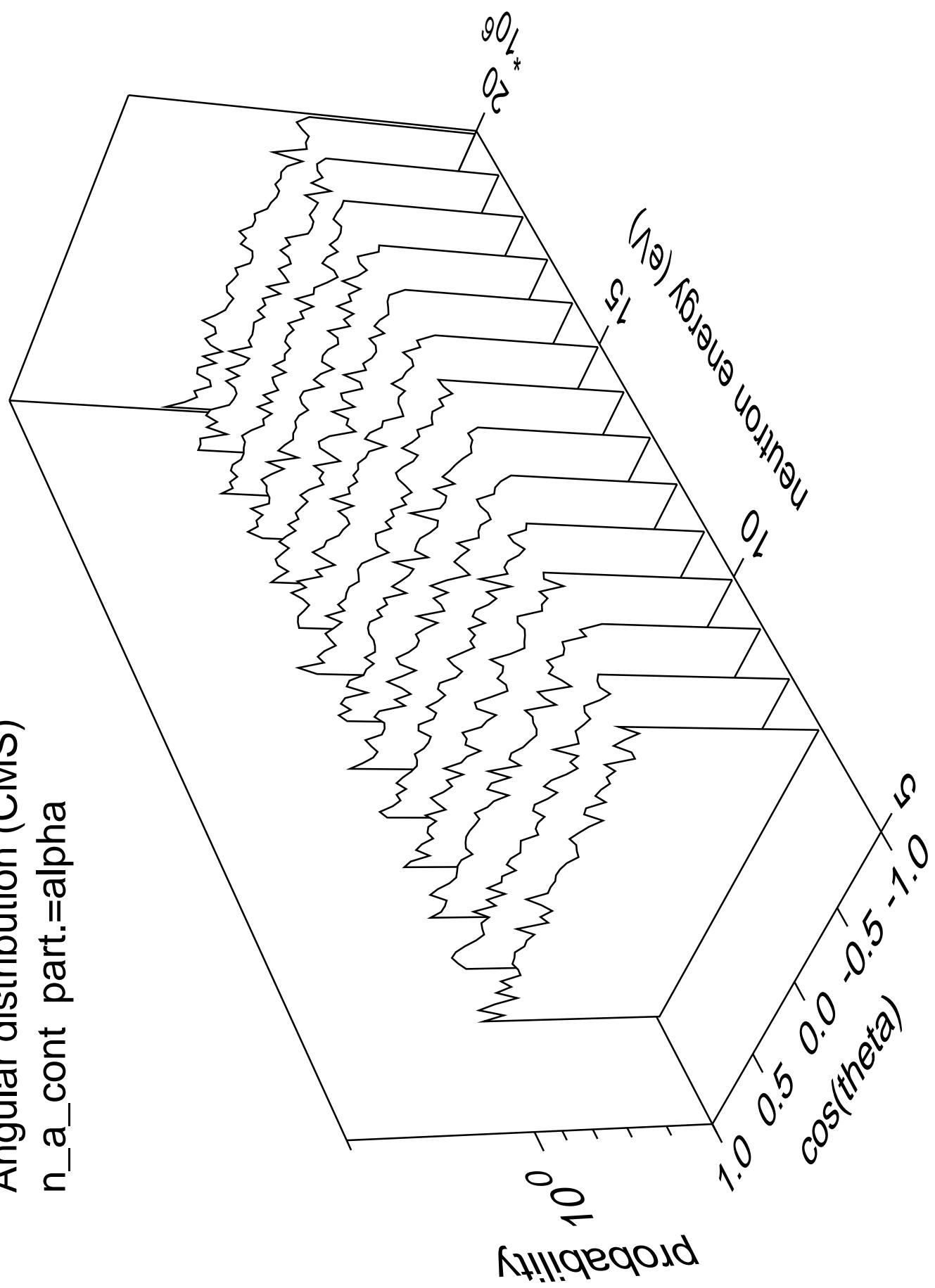




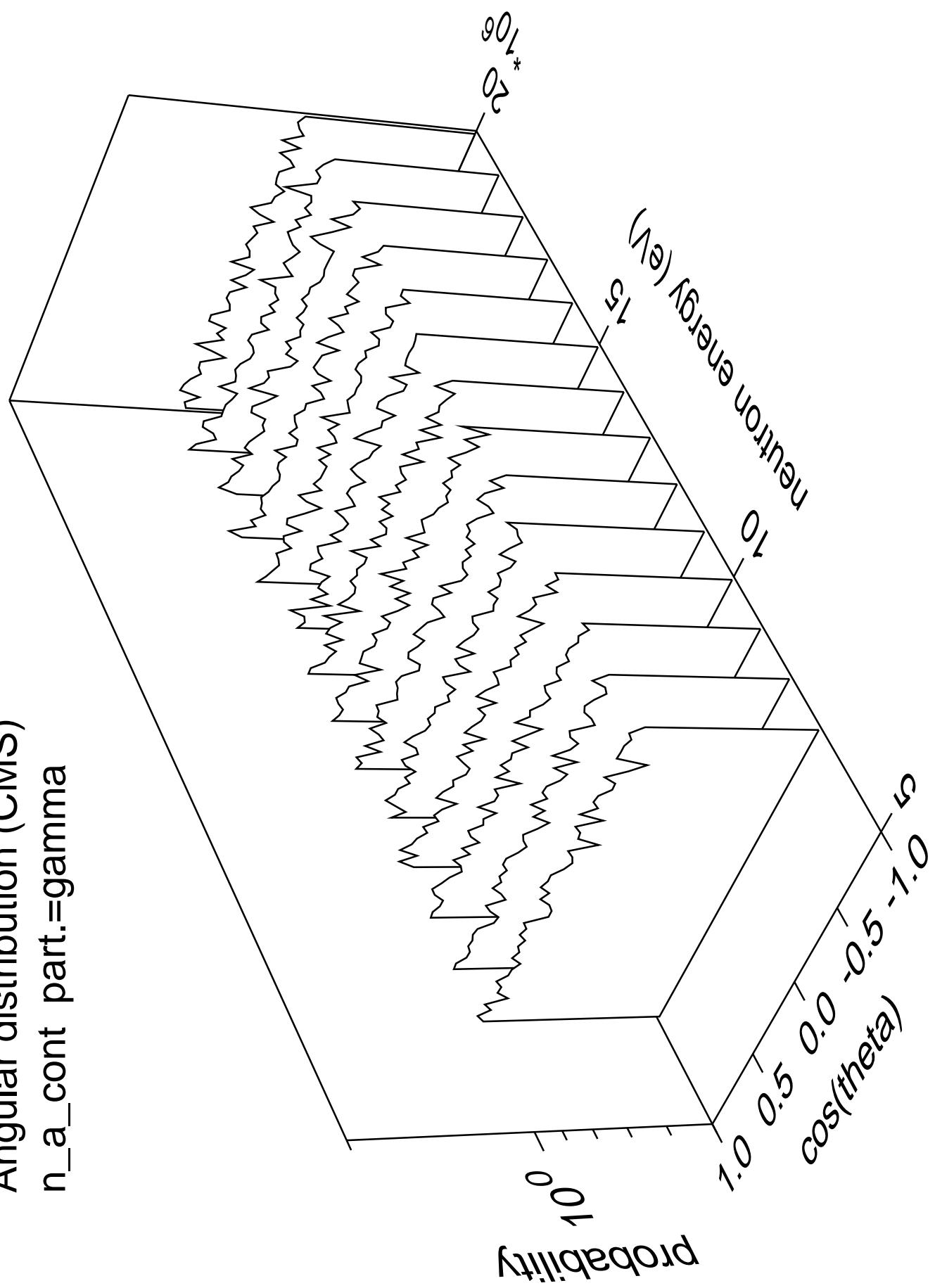




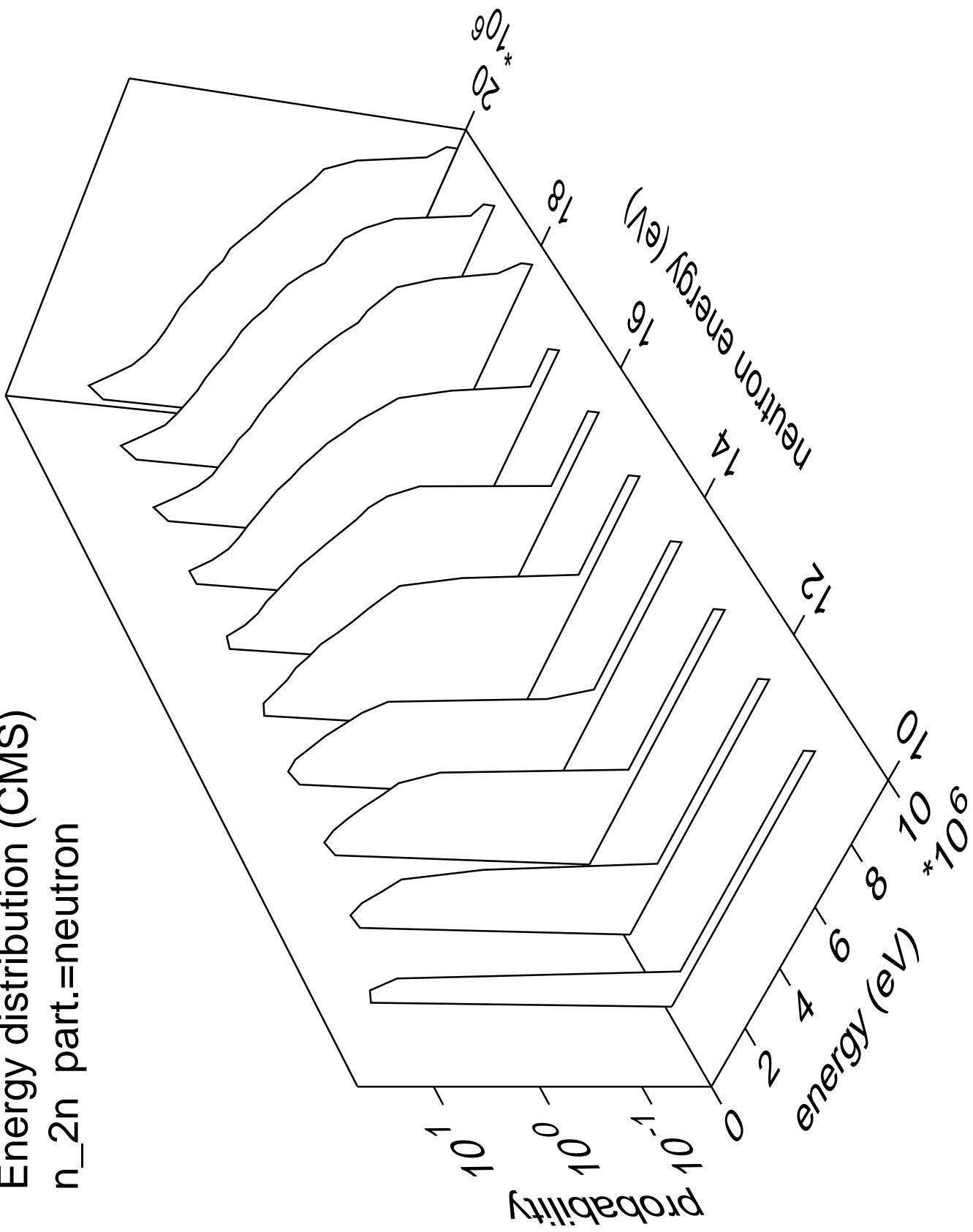
Angular distribution (CMS)
 n_a _cont part.=alpha



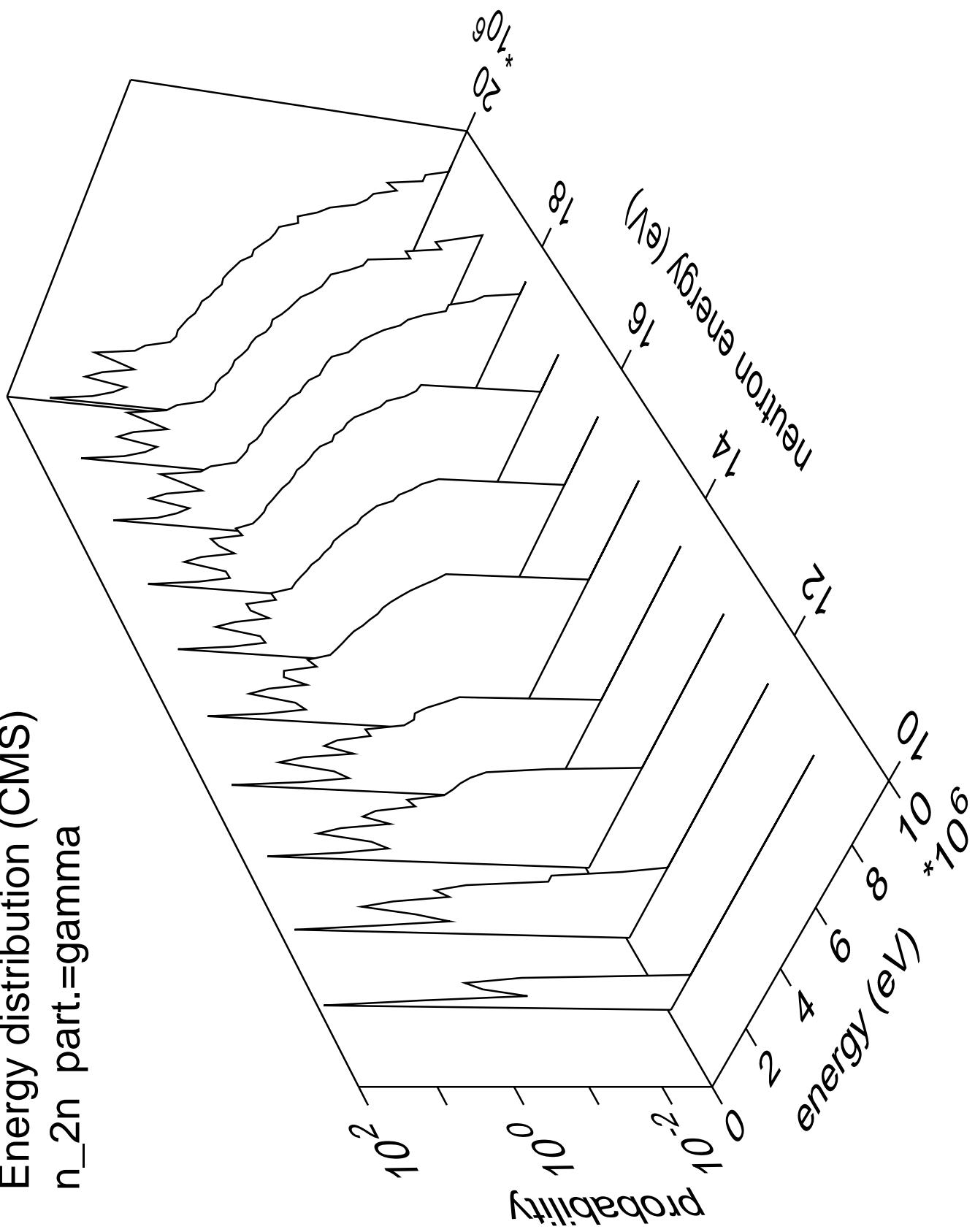
Angular distribution (CMS)
n_a_cont part.=gamma



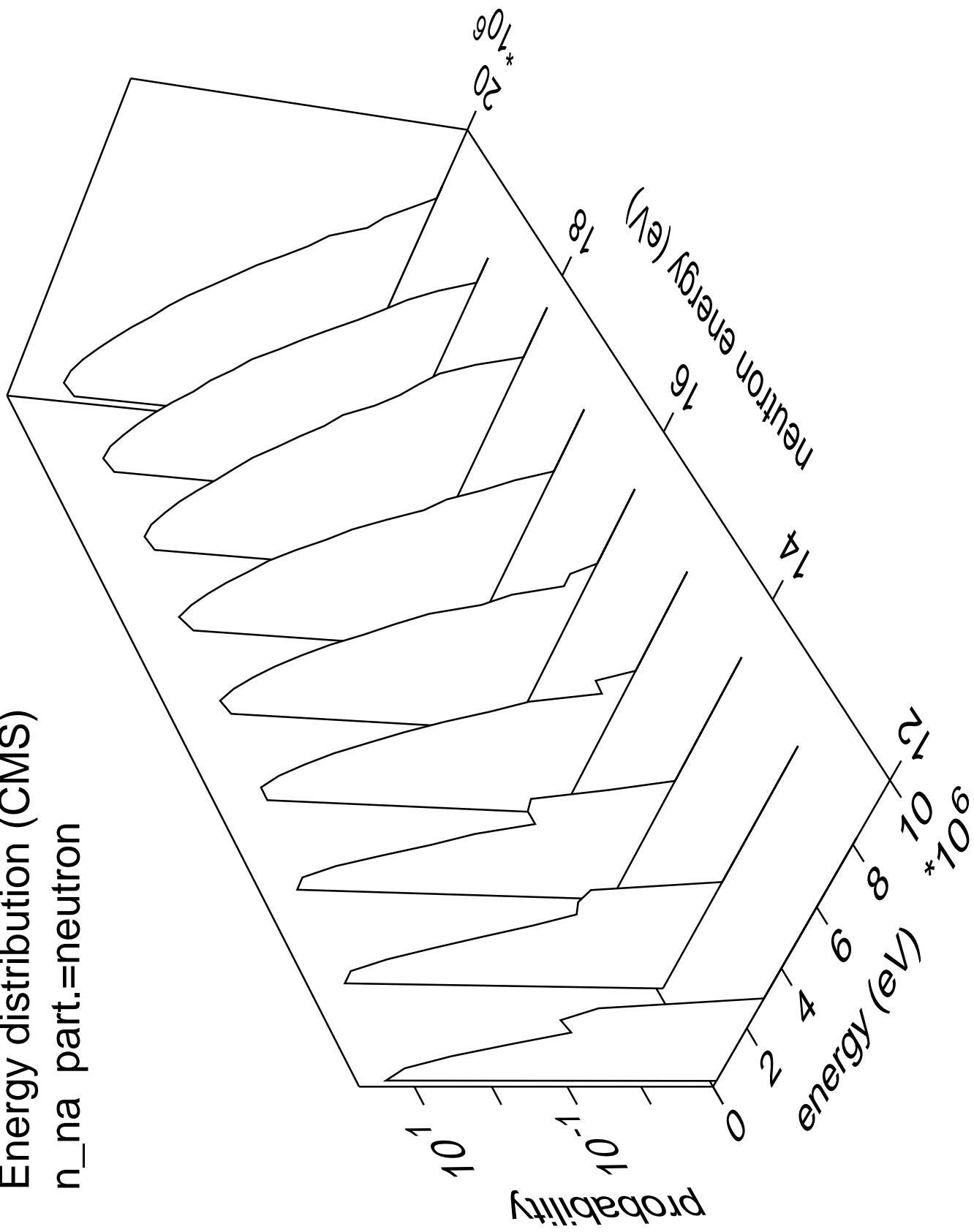
Energy distribution (CMS)
 n_{2n} part.=neutron



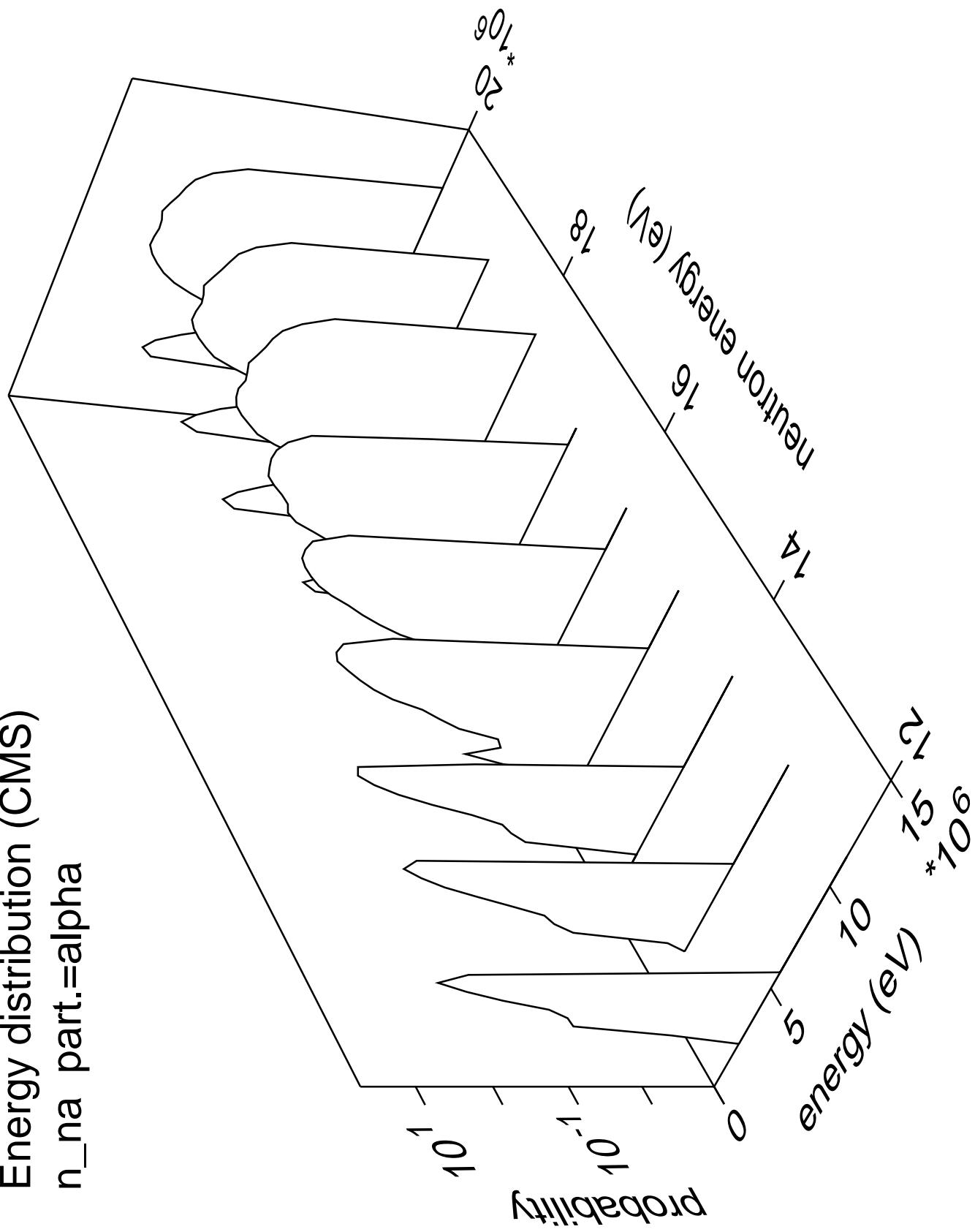
Energy distribution (CMS)
 n_{2n} part.=gamma

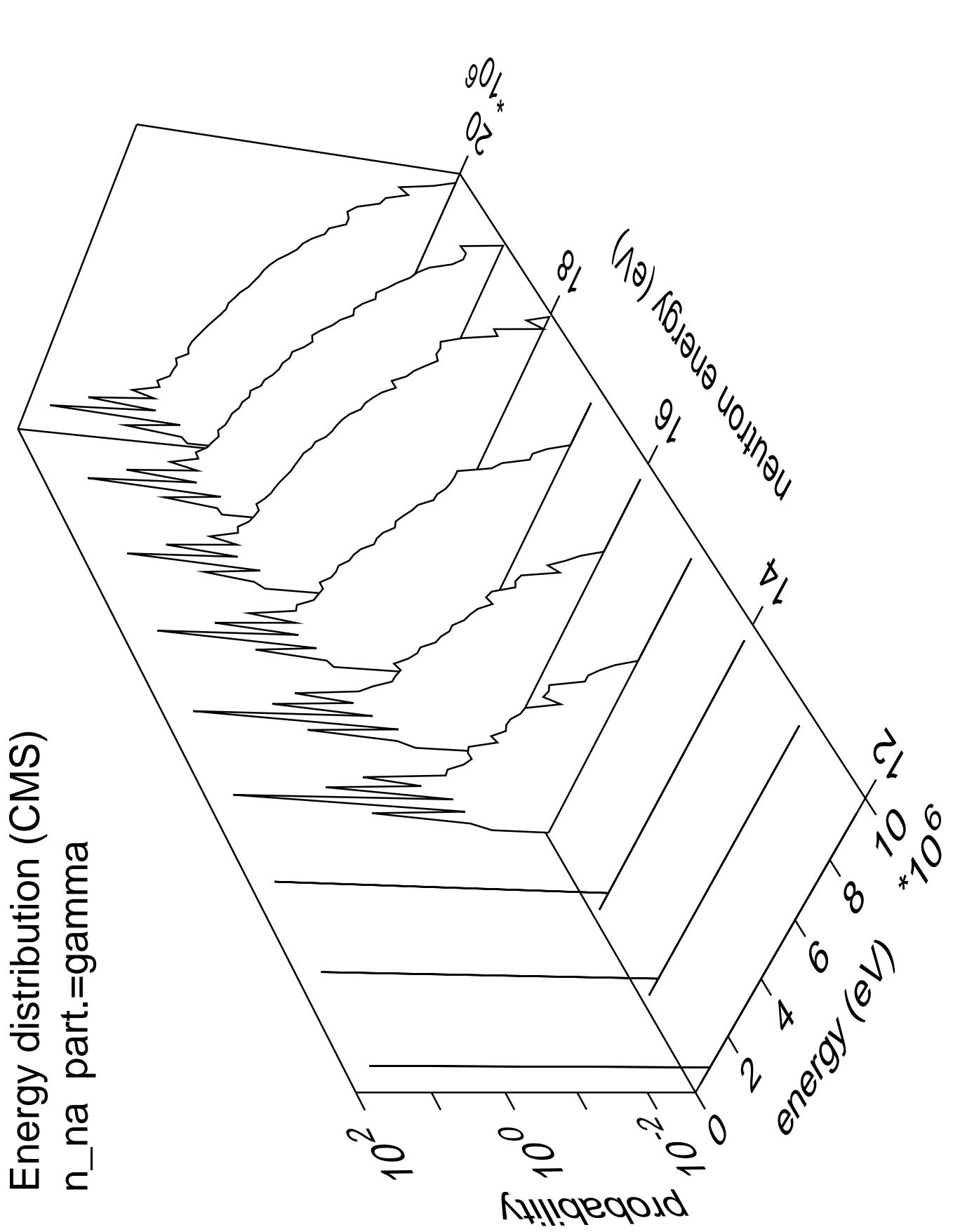


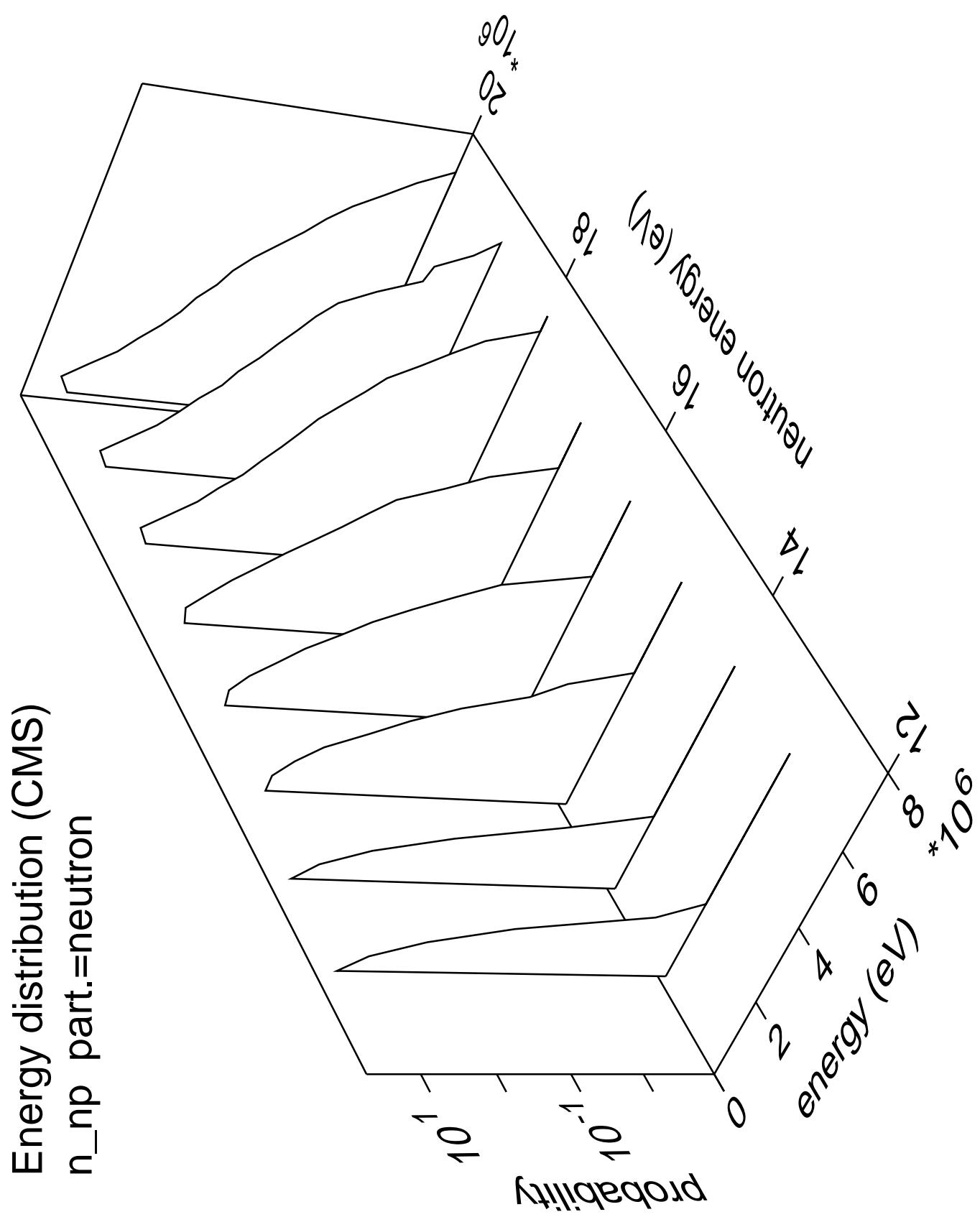
Energy distribution (CMS)
 $n_{\text{na}} \text{ part.} = \text{neutron}$



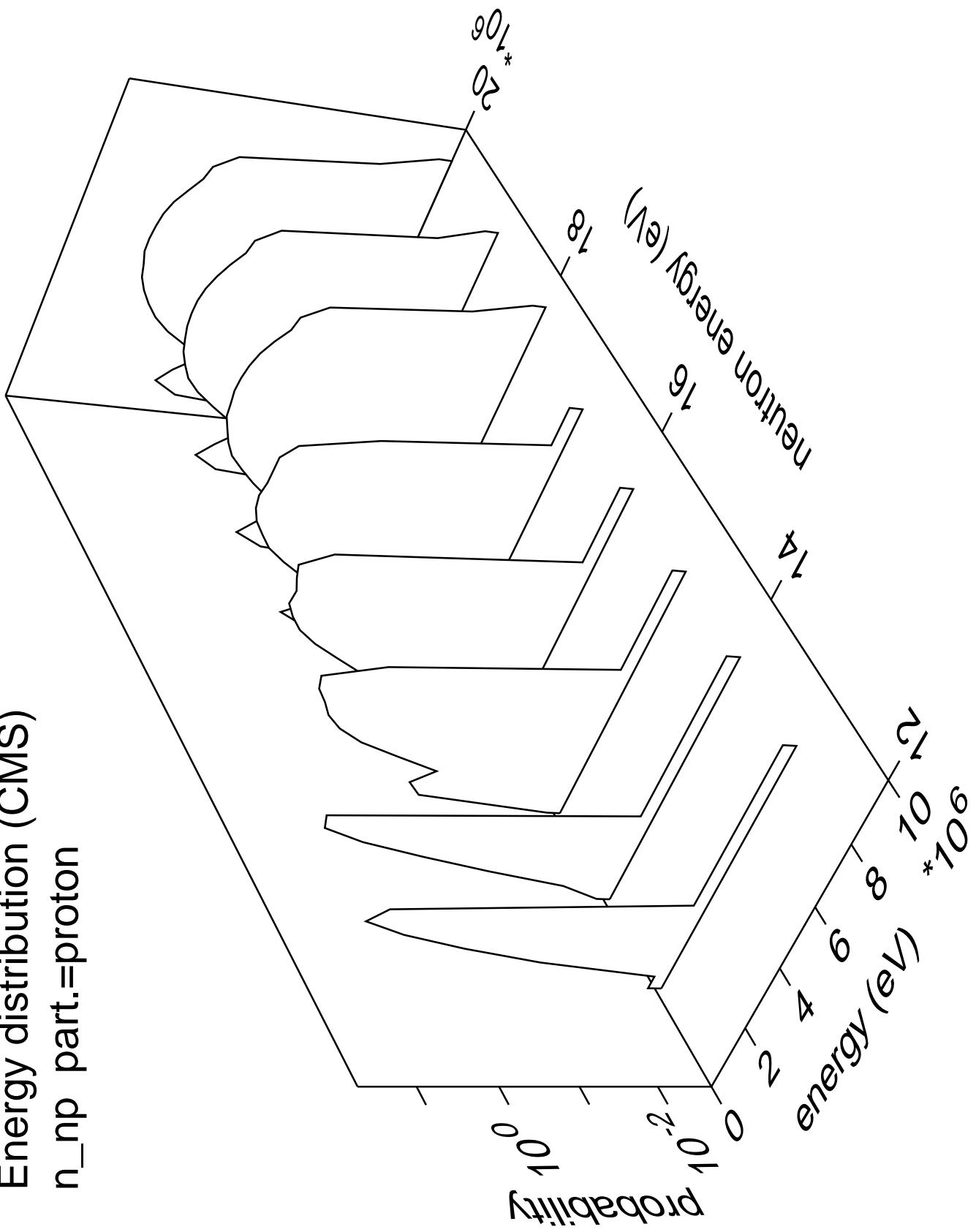
Energy distribution (CMS)
 n_{na} part.=alpha



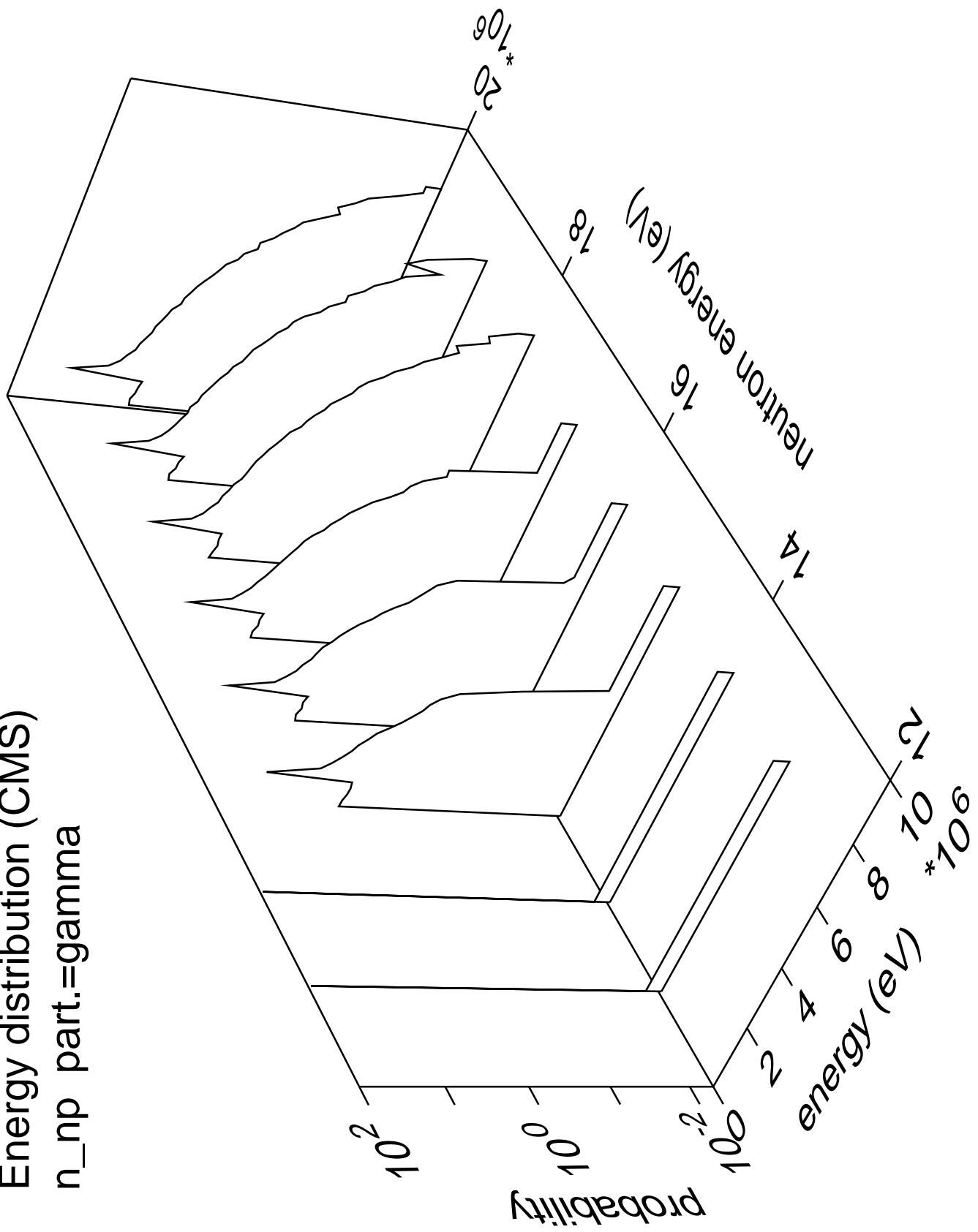




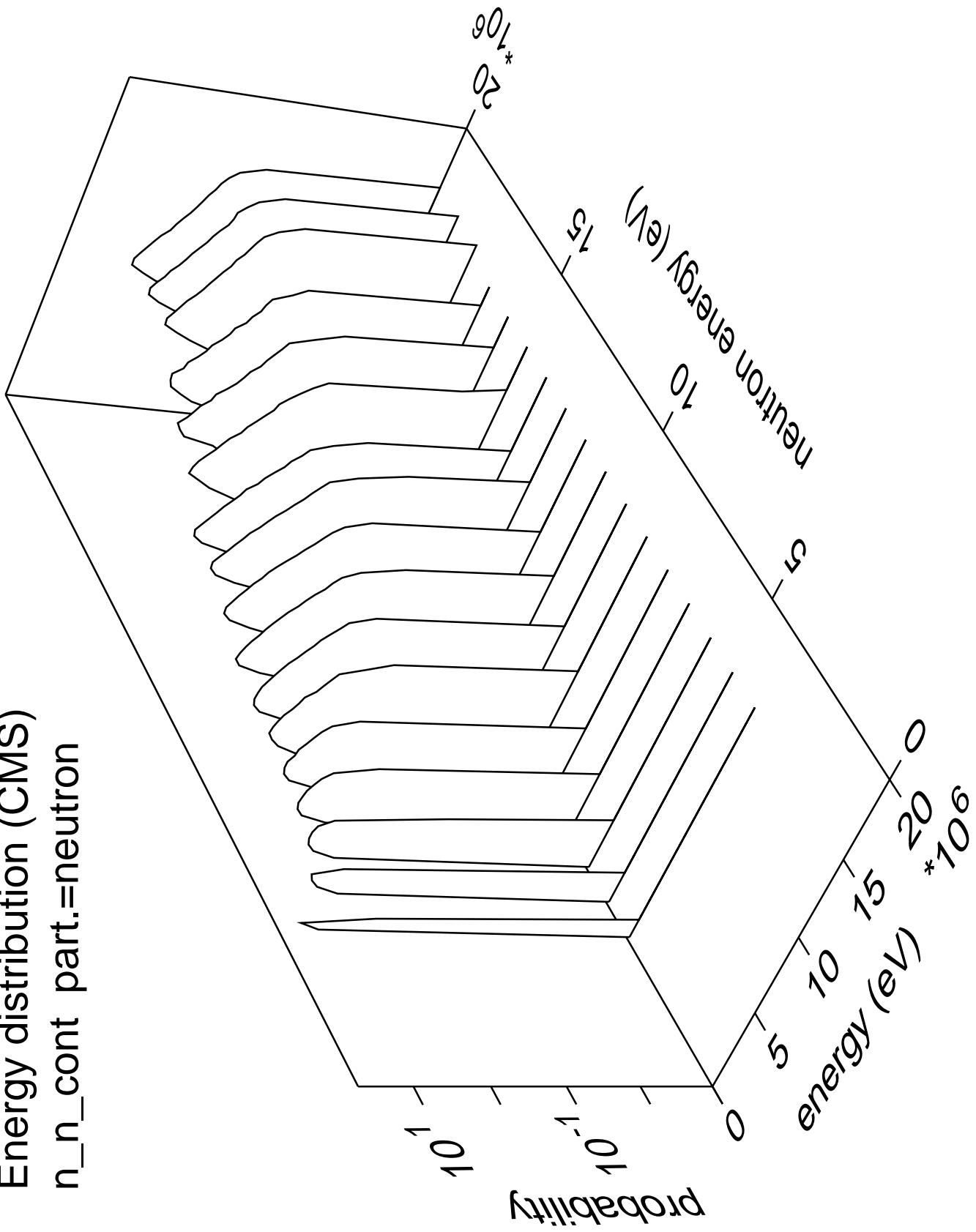
Energy distribution (CMS)
 n_{np} part.=proton



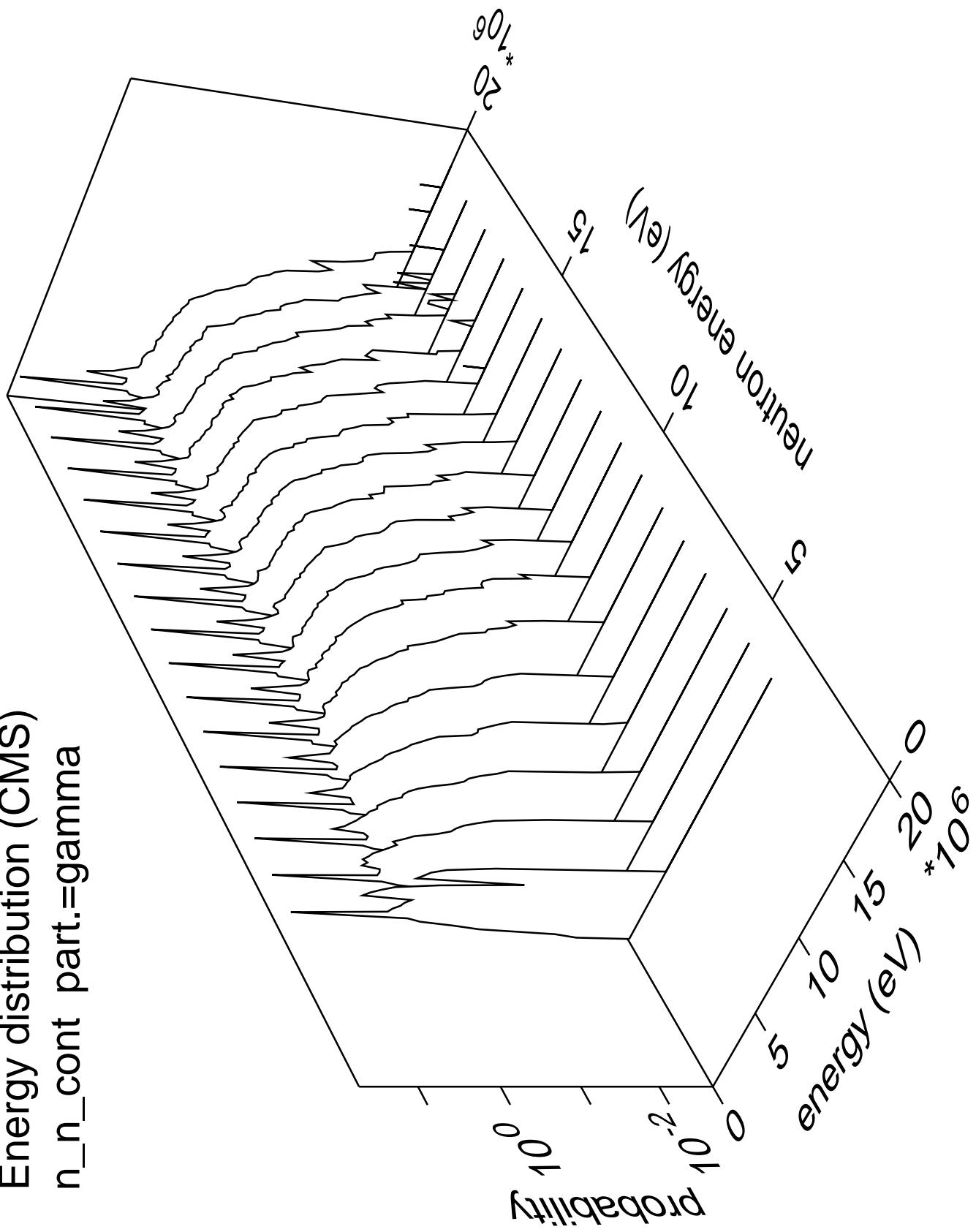
Energy distribution (CMS)
 n_{np} part.=gamma



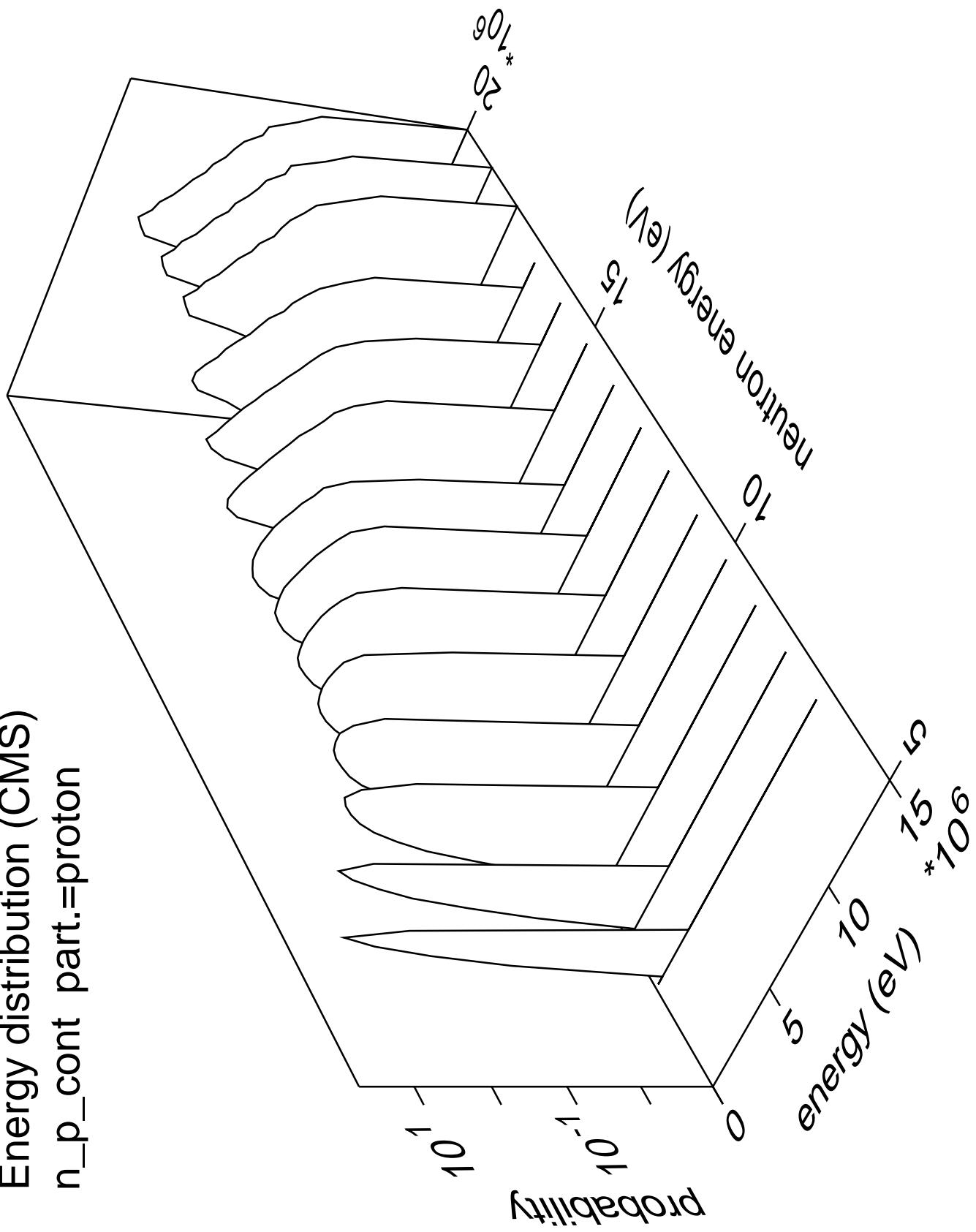
Energy distribution (CMS)
 n_n_{cont} part.=neutron



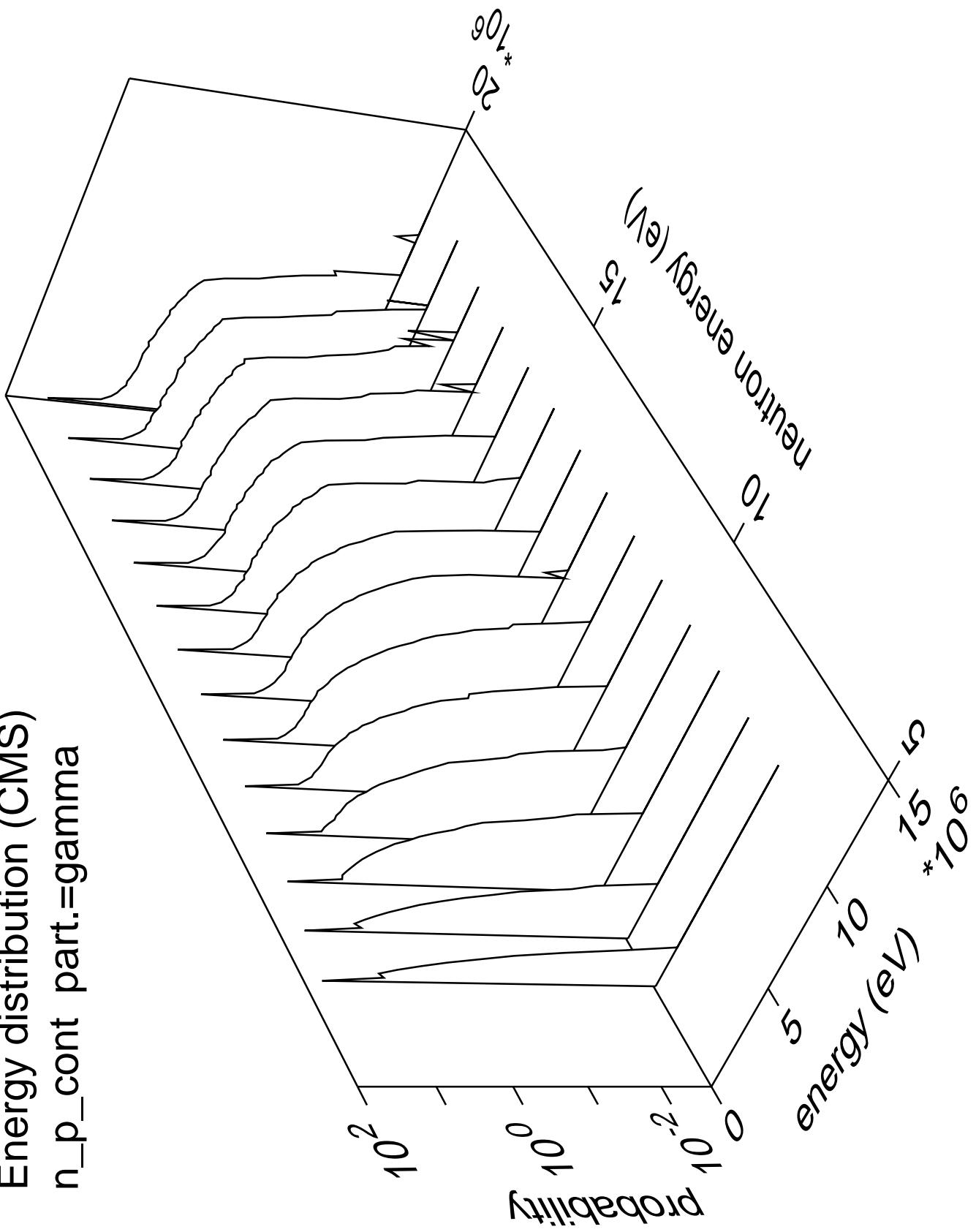
Energy distribution (CMS)
n_n_cont part.=gamma



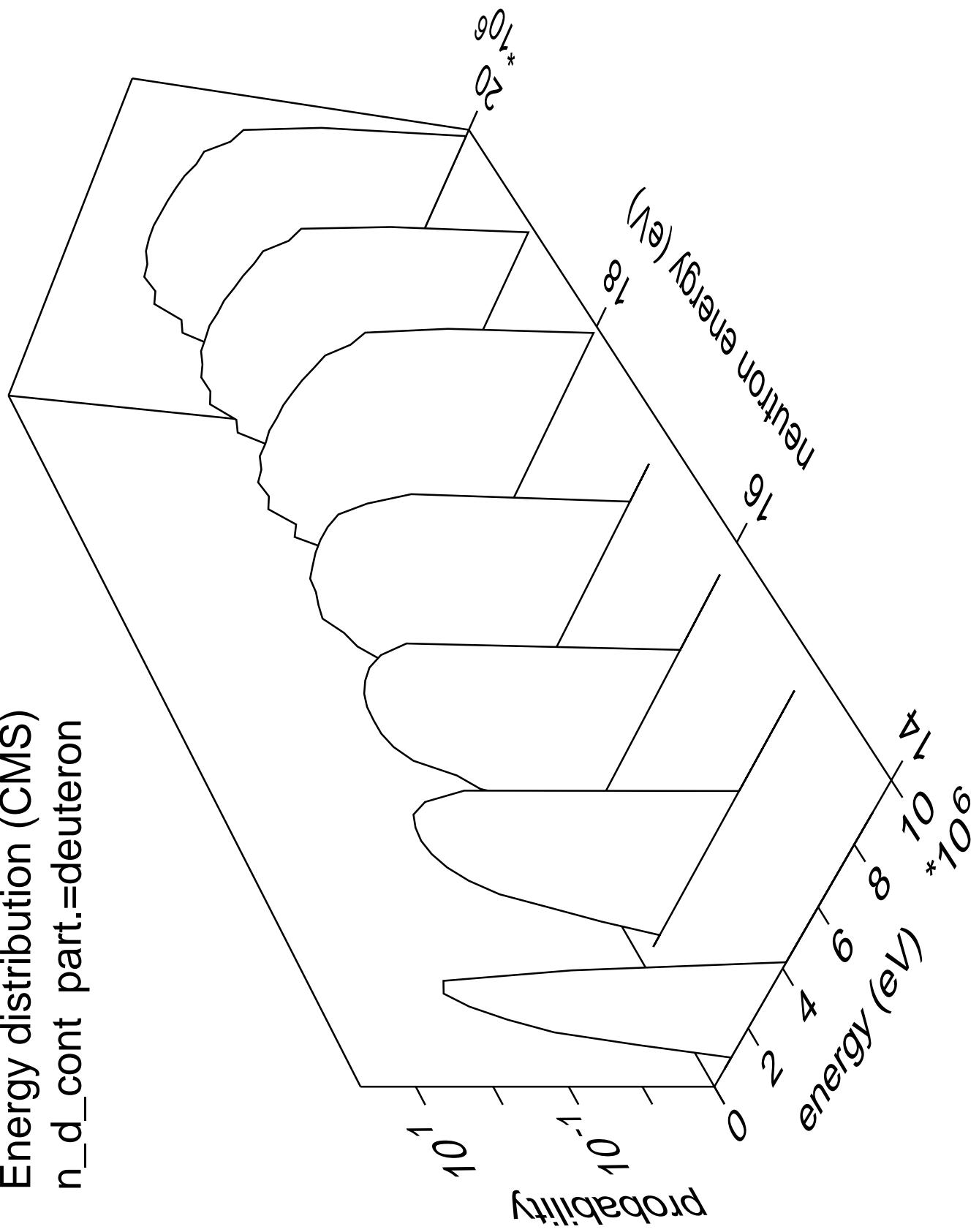
Energy distribution (CMS)
 n_p_{cont} part.=proton

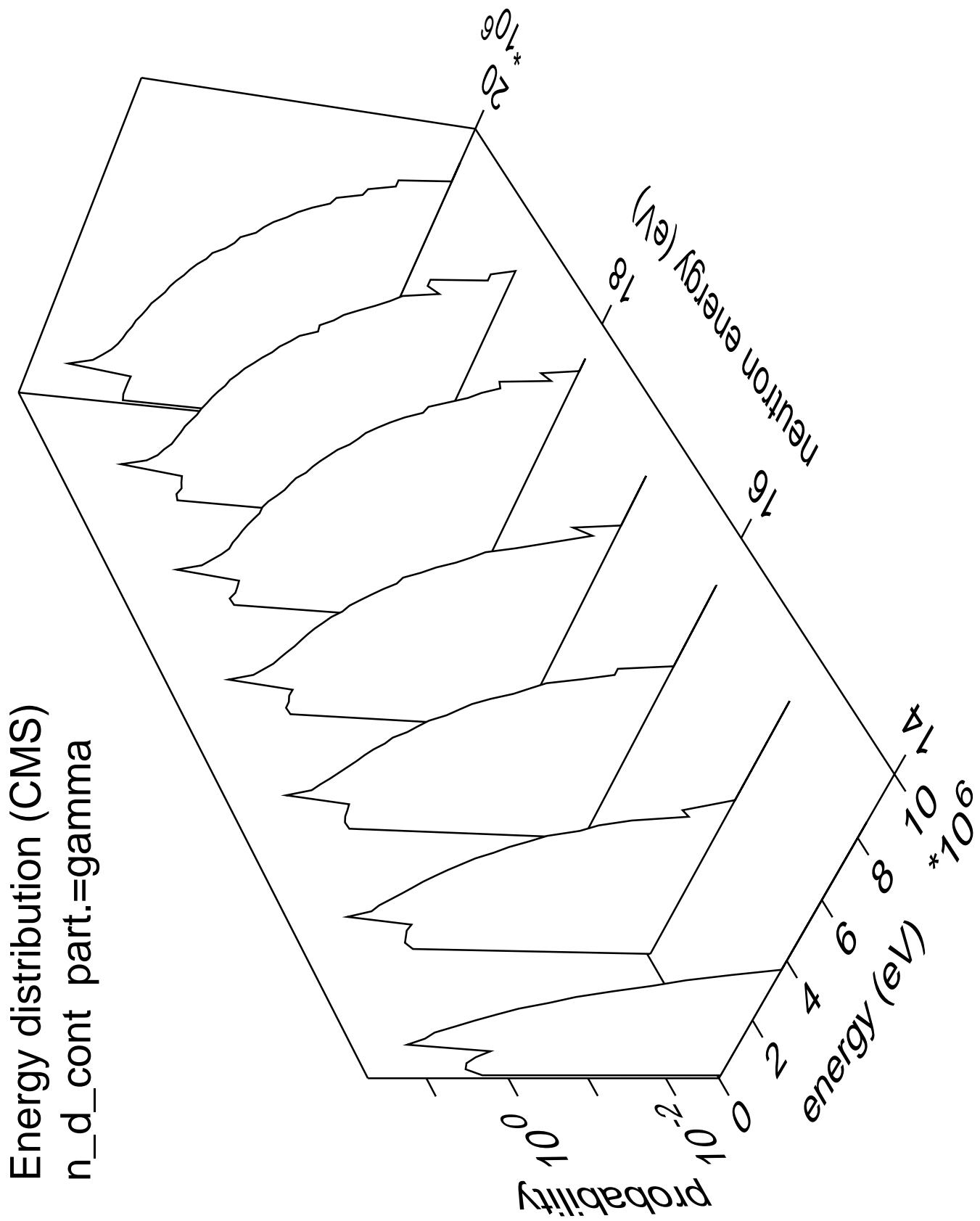


Energy distribution (CMS)
 n_p_{cont} part.=gamma

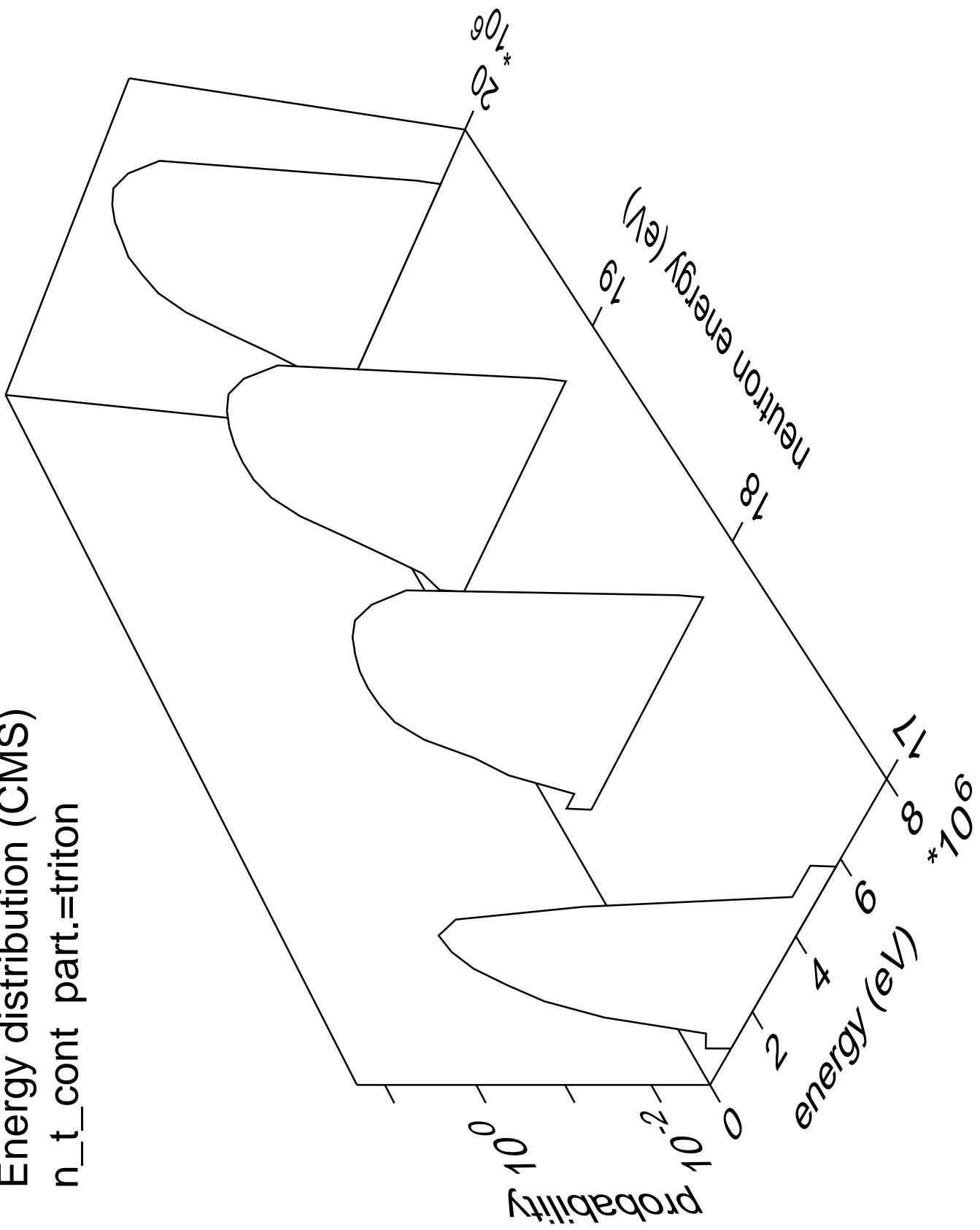


Energy distribution (CMS)
 n_d cont part.=deuteron

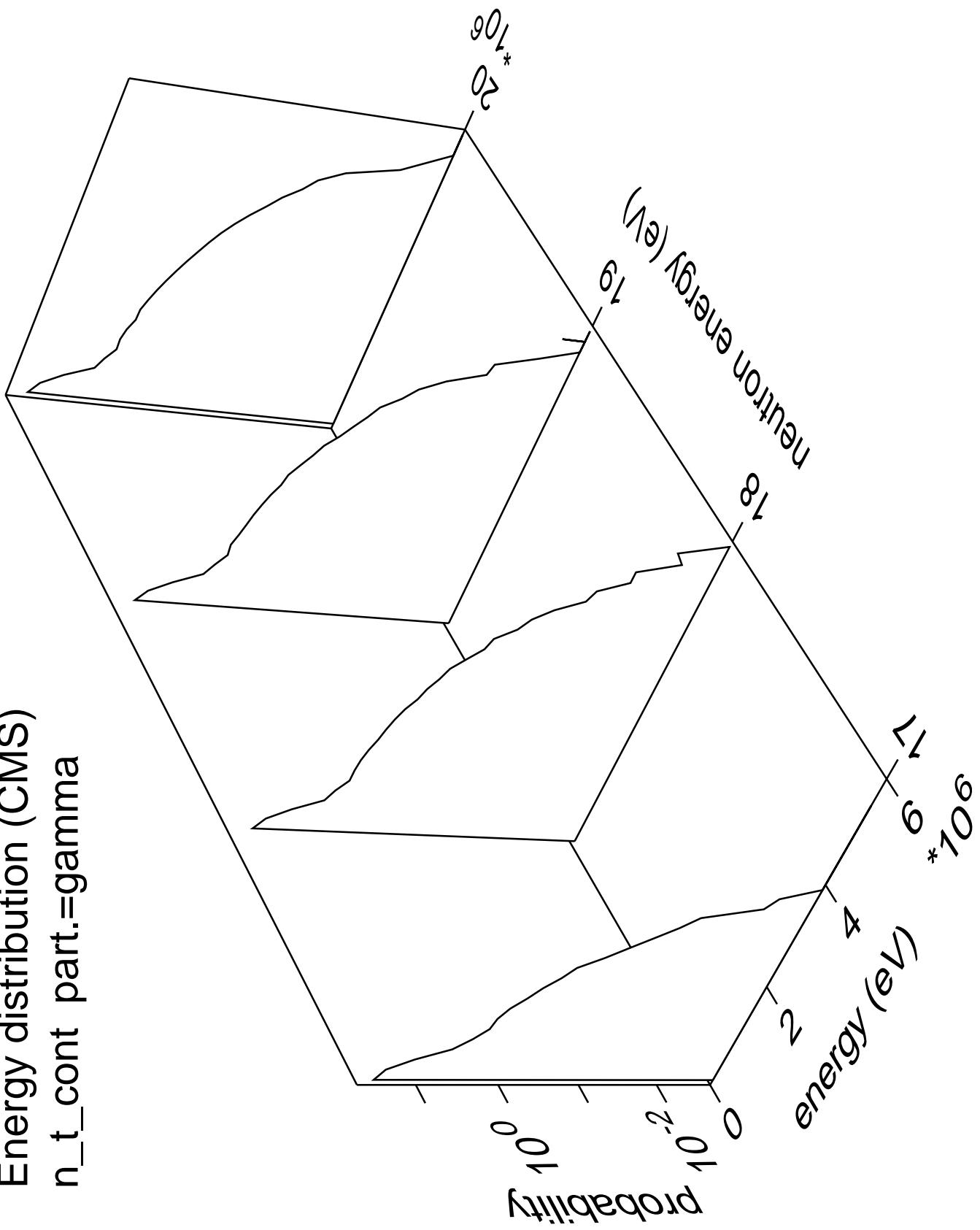




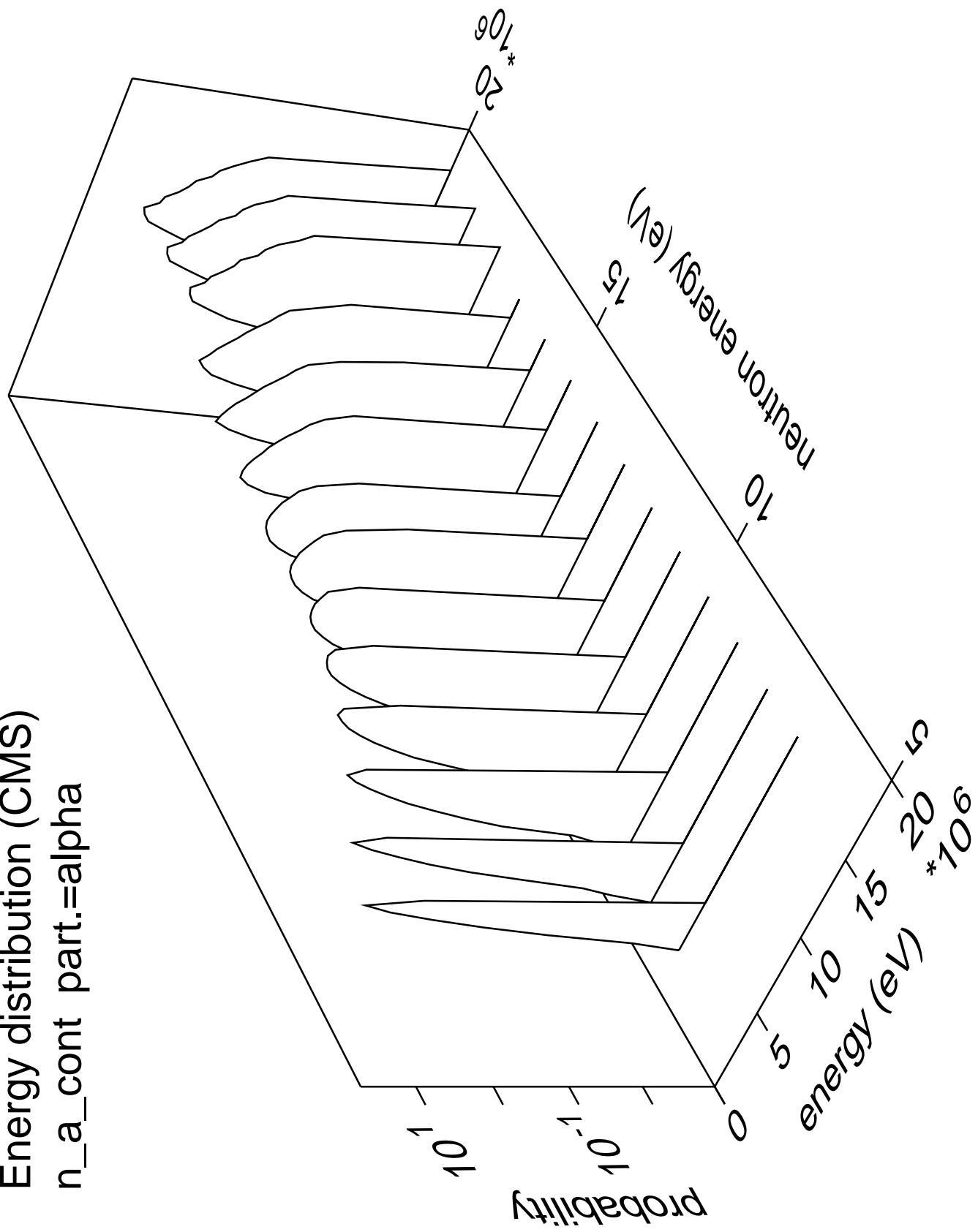
Energy distribution (CMS)
n_t_cont part.=triton



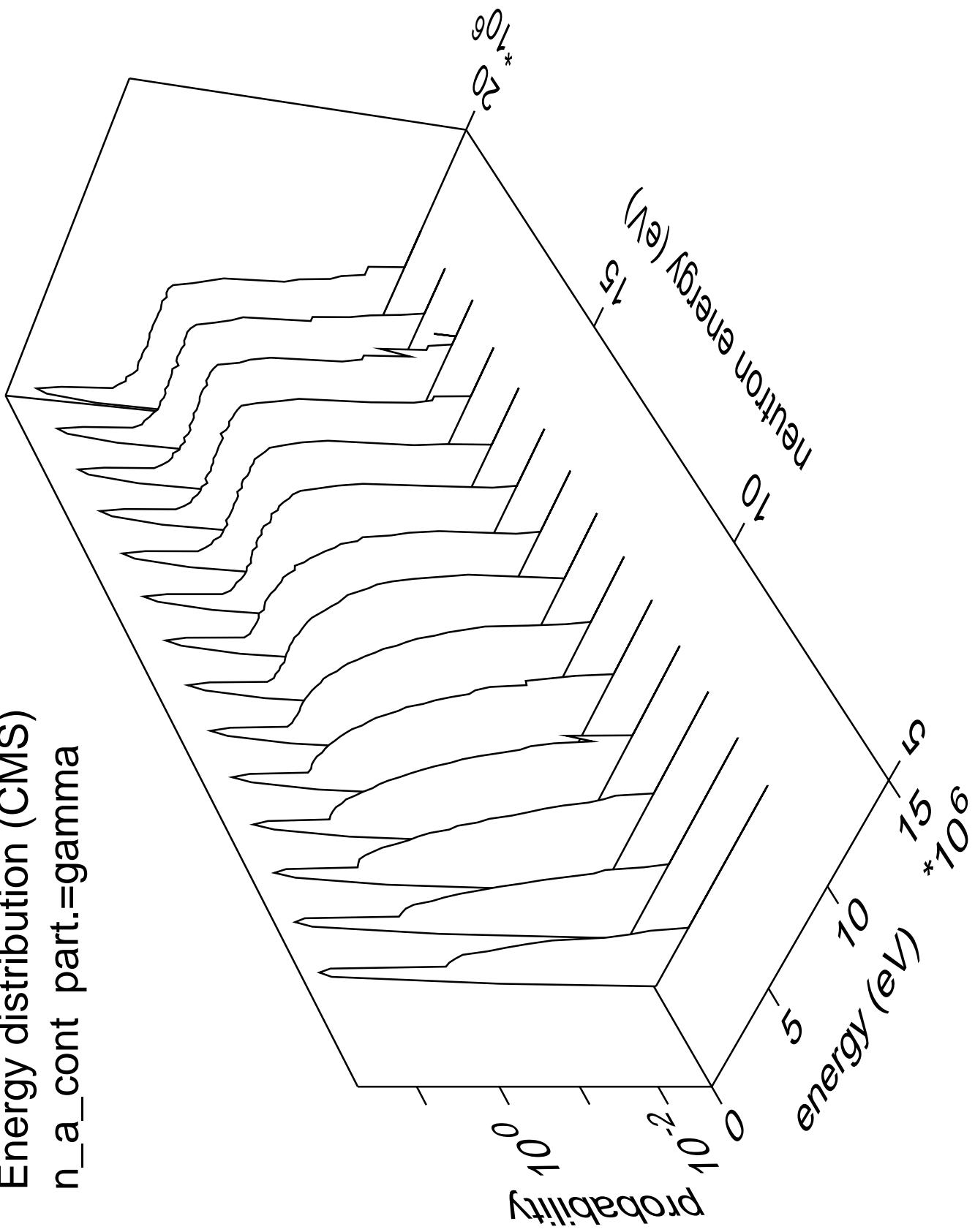
Energy distribution (CMS)
 n_t cont part.=gamma



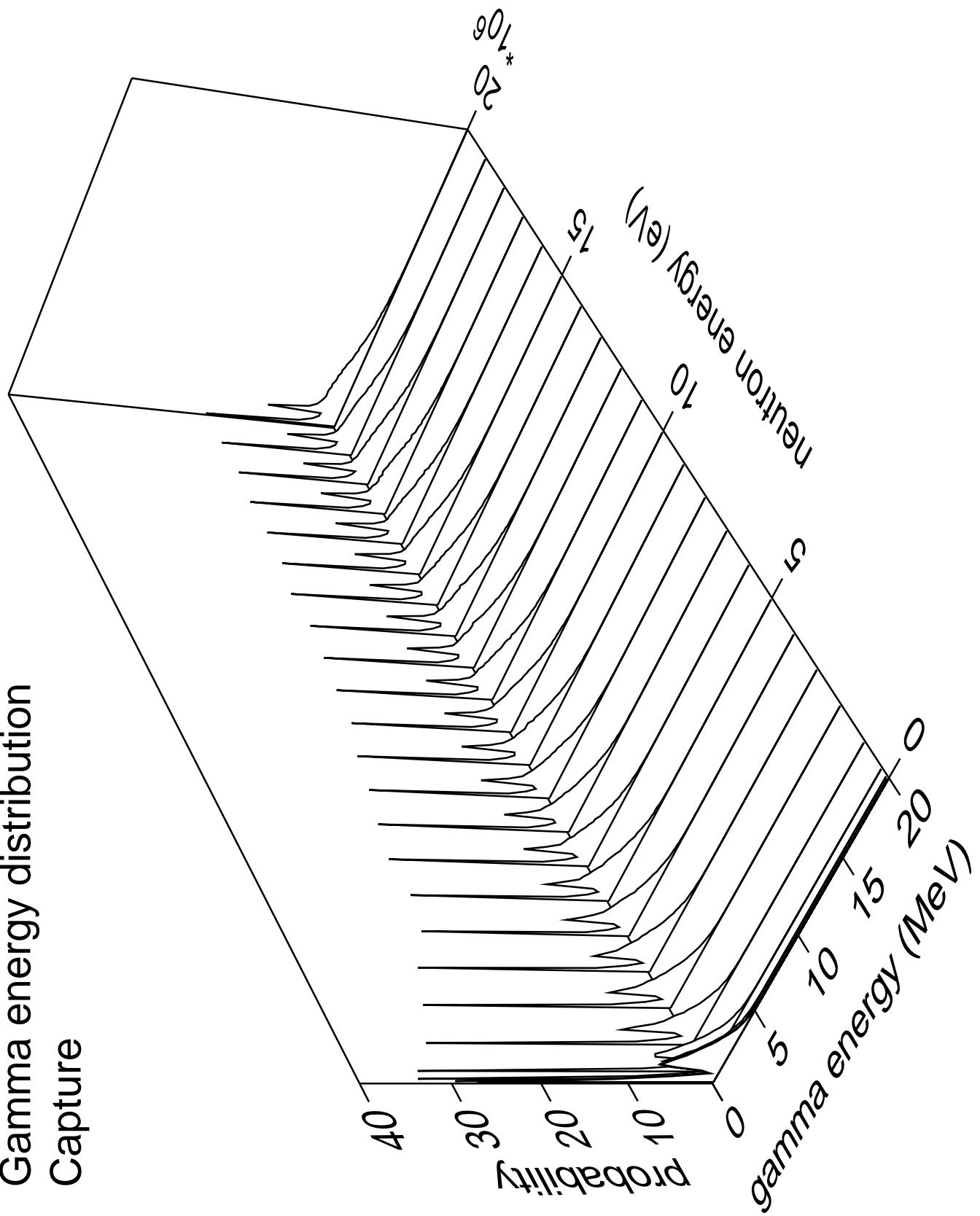
Energy distribution (CMS)
n_a_cont part.=alpha



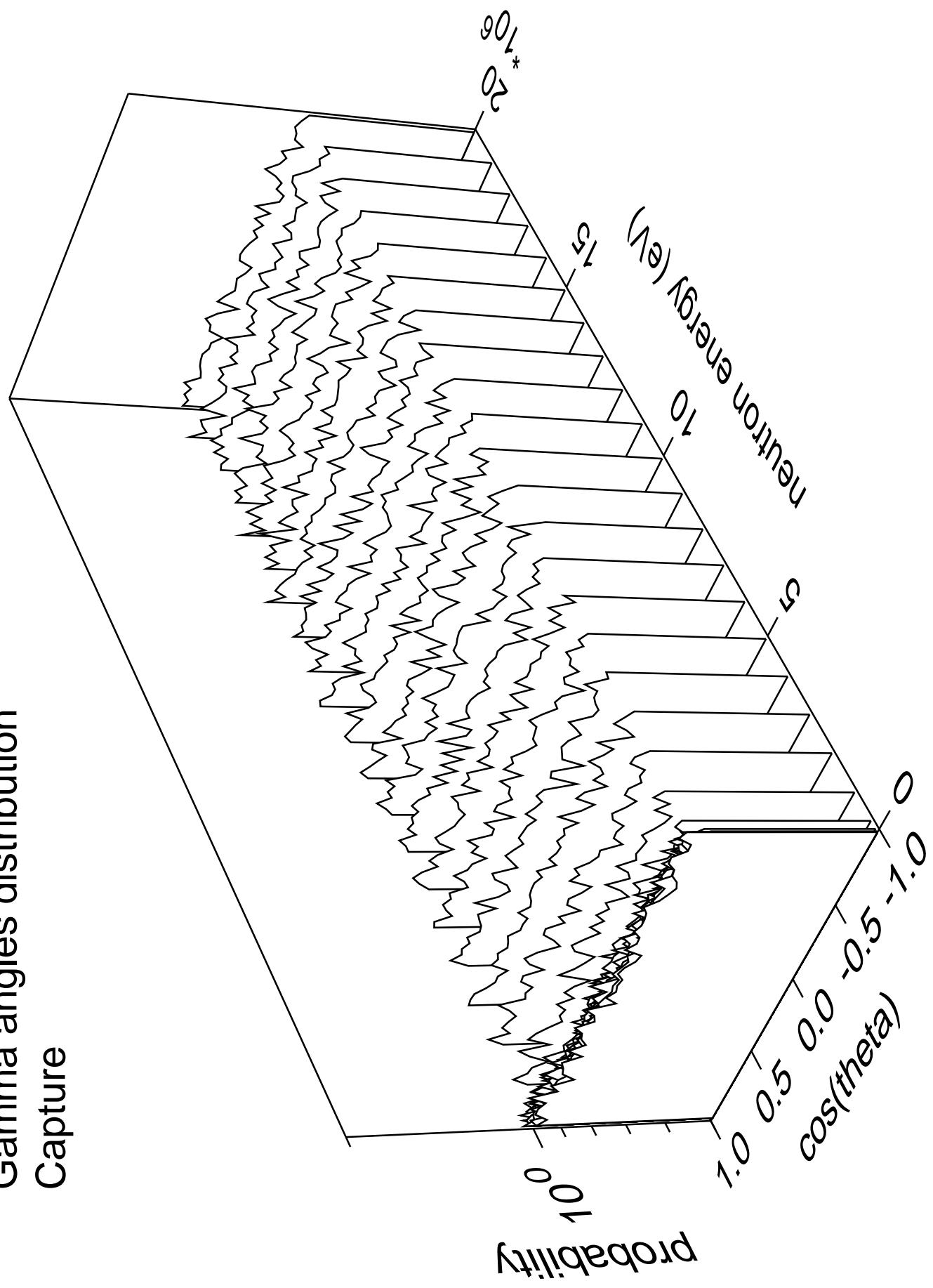
Energy distribution (CMS)
n_a_cont part.=gamma



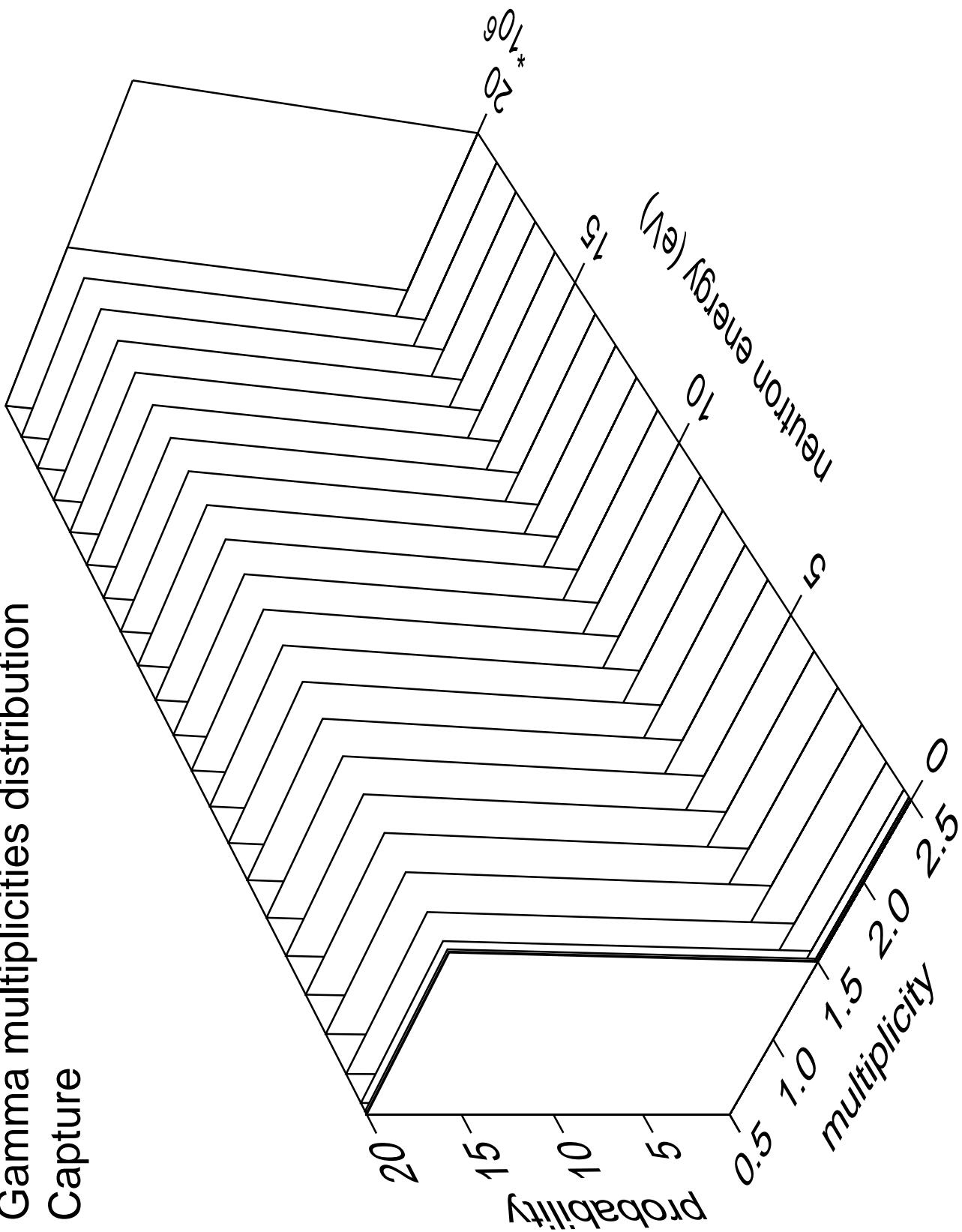
Gamma energy distribution Capture



Gamma angles distribution Capture

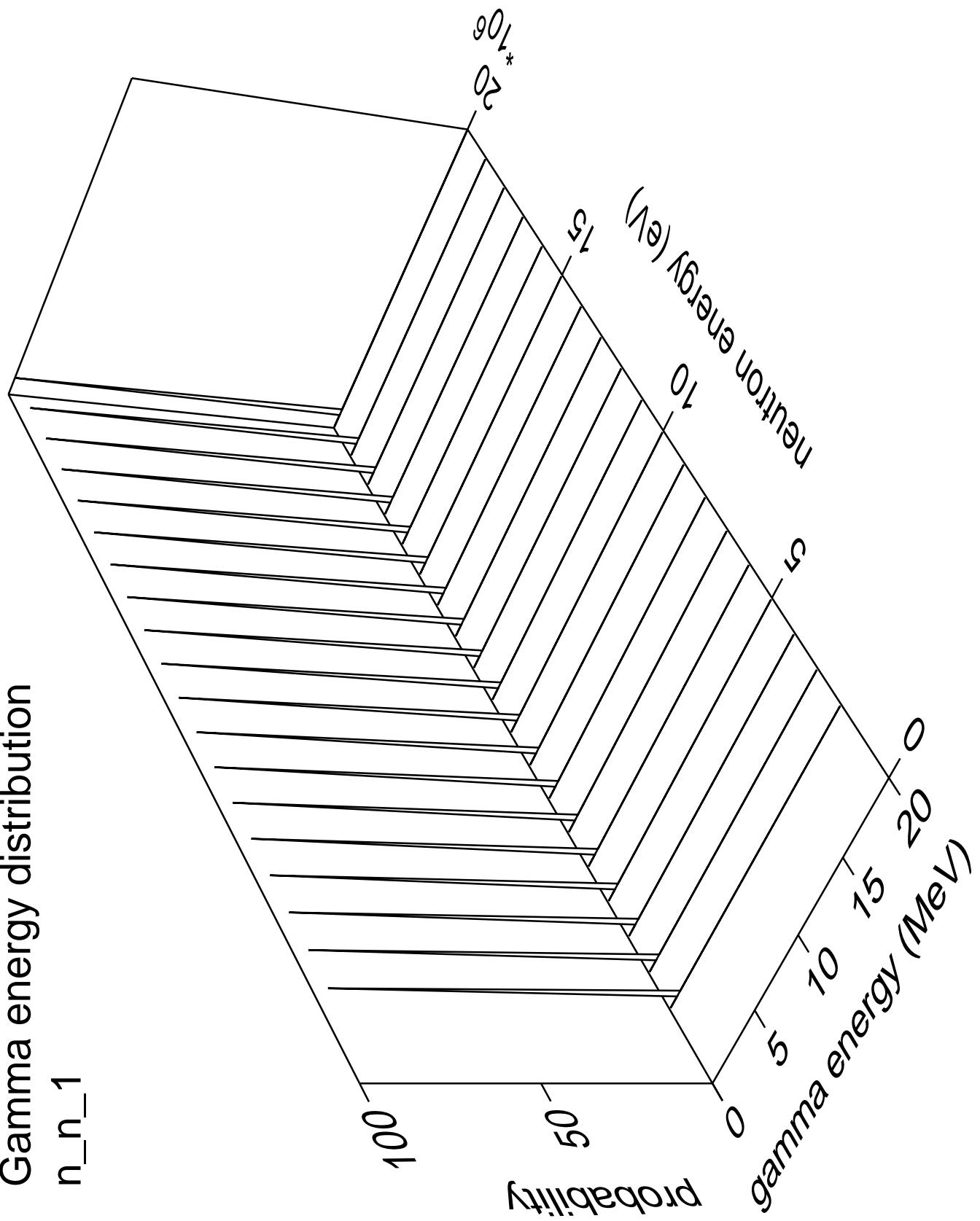


Gamma multiplicities distribution Capture



Gamma energy distribution

n_n_1



Gamma angles distribution

n_{n_1}

Probability

10^0

Neutron energy (eV)

10⁶

20

15

10

5

0

$\cos(\theta)$

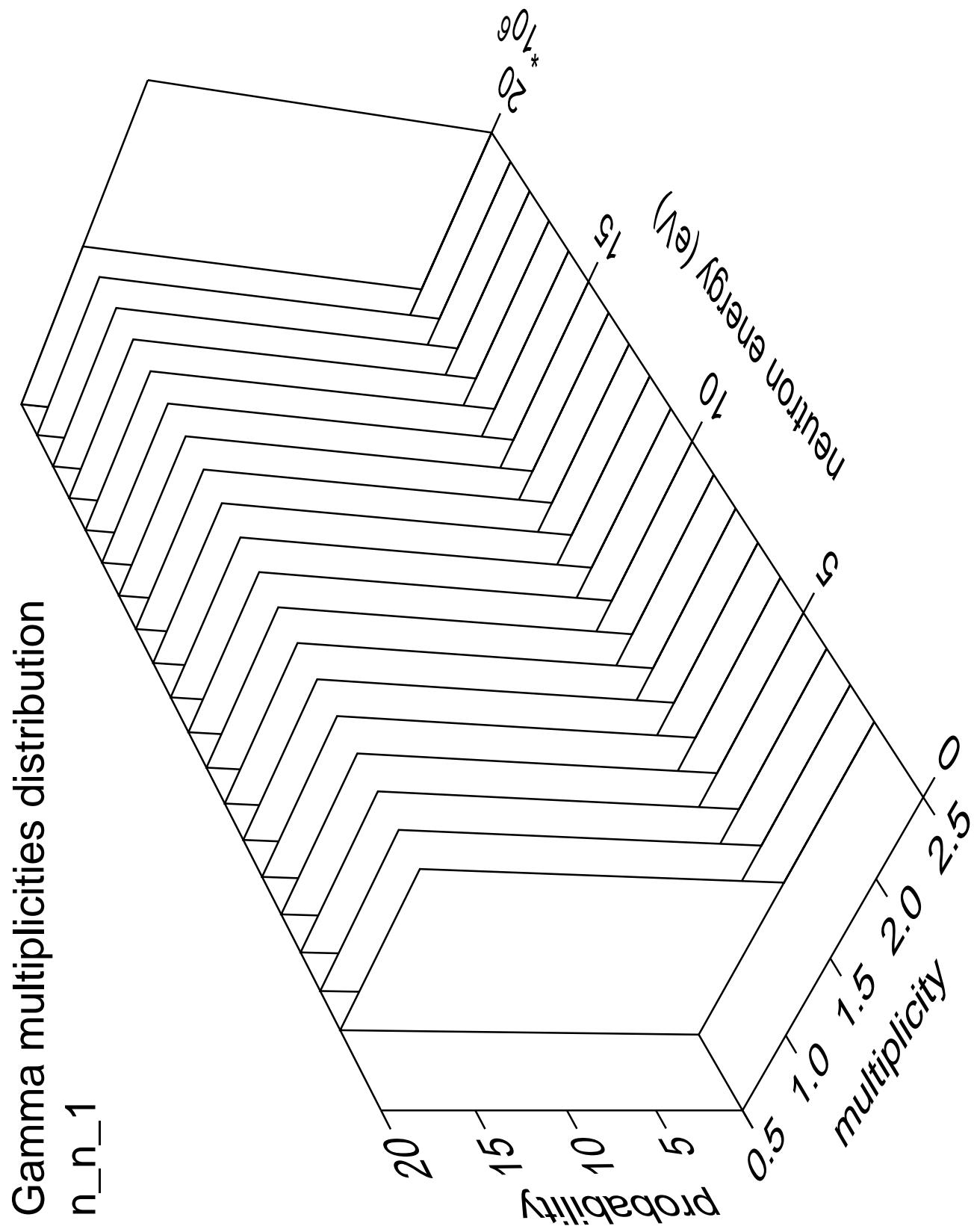
1.0

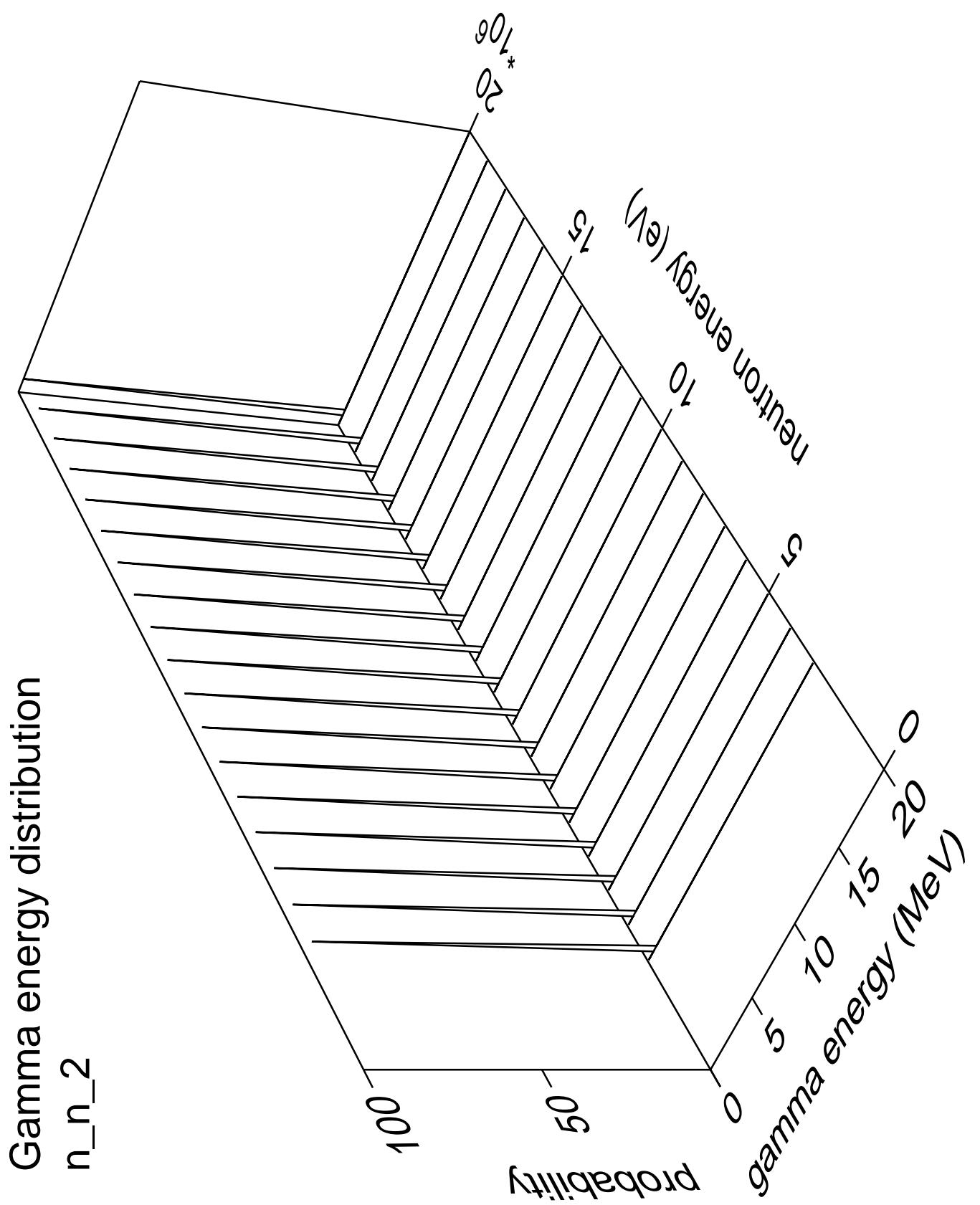
0.5

0.0

-0.5

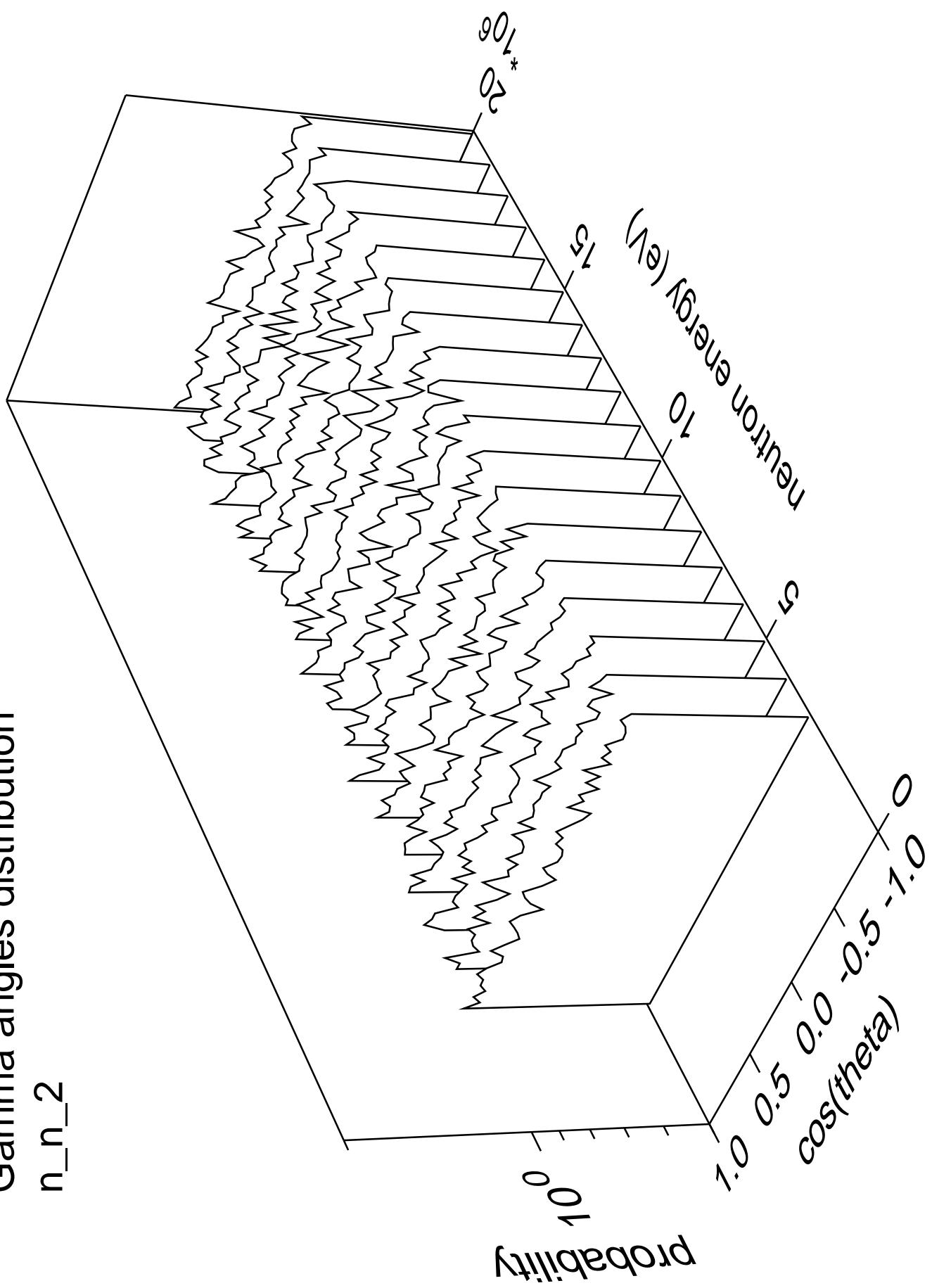
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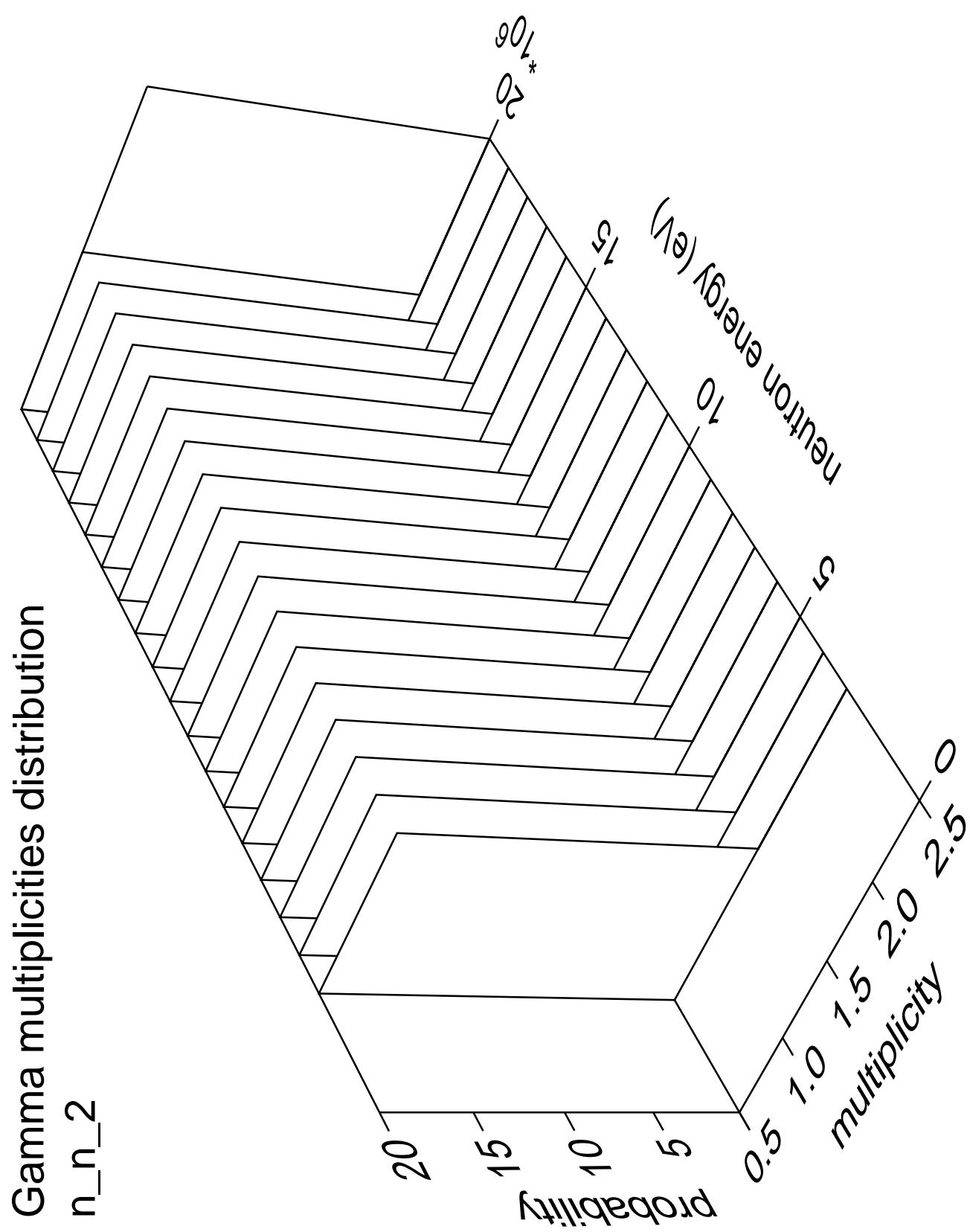




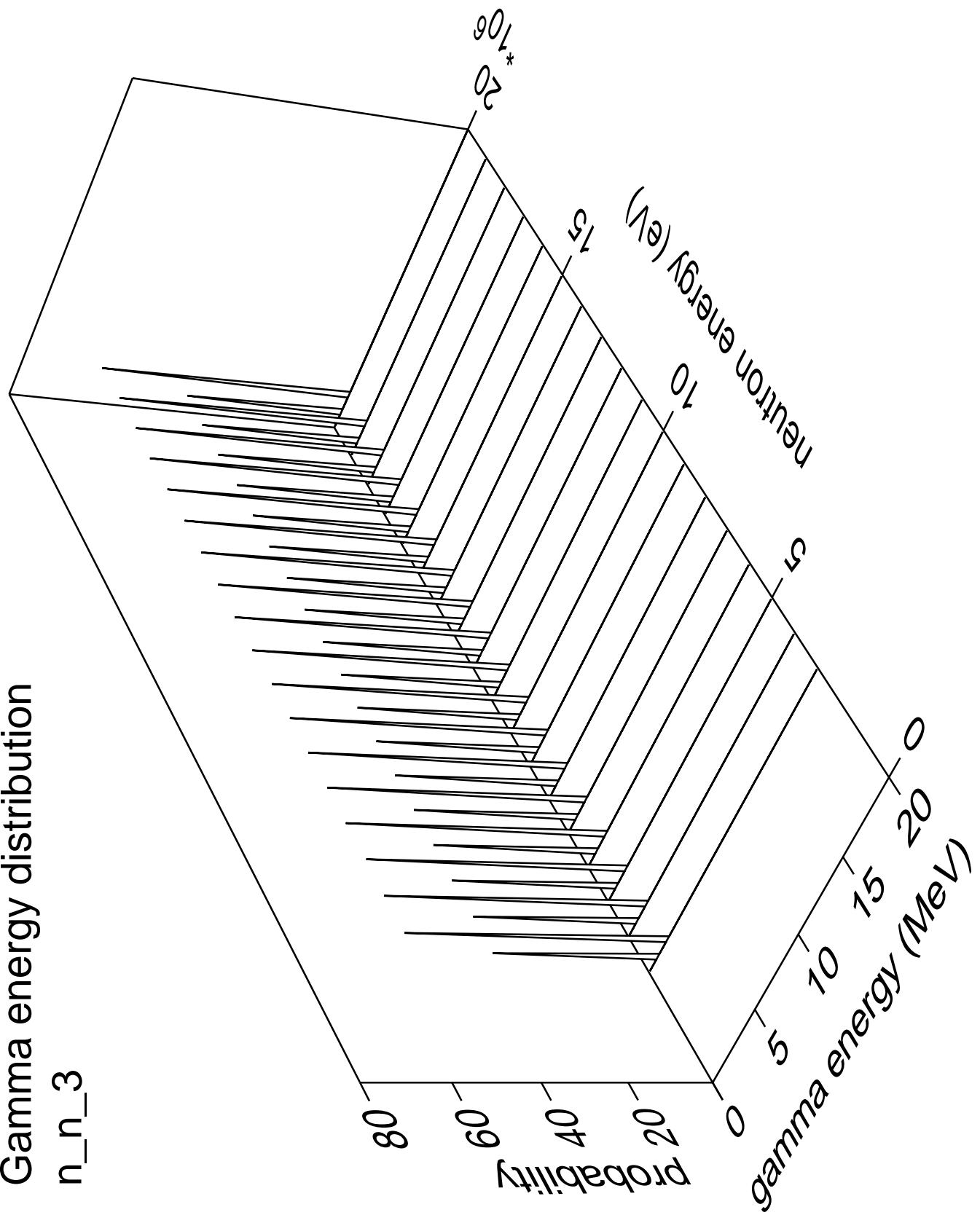
Gamma angles distribution

n_n_2



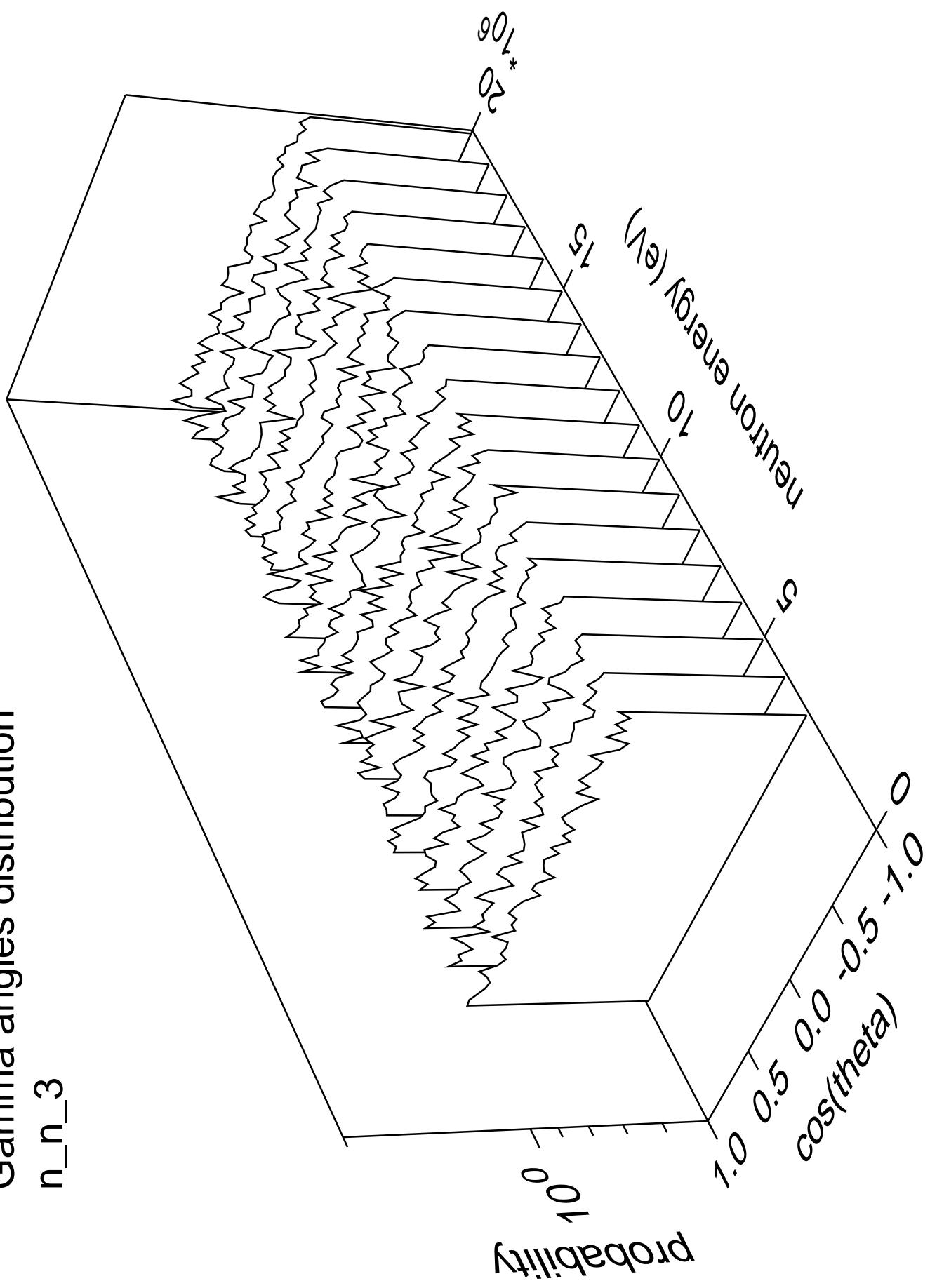


Gamma energy distribution

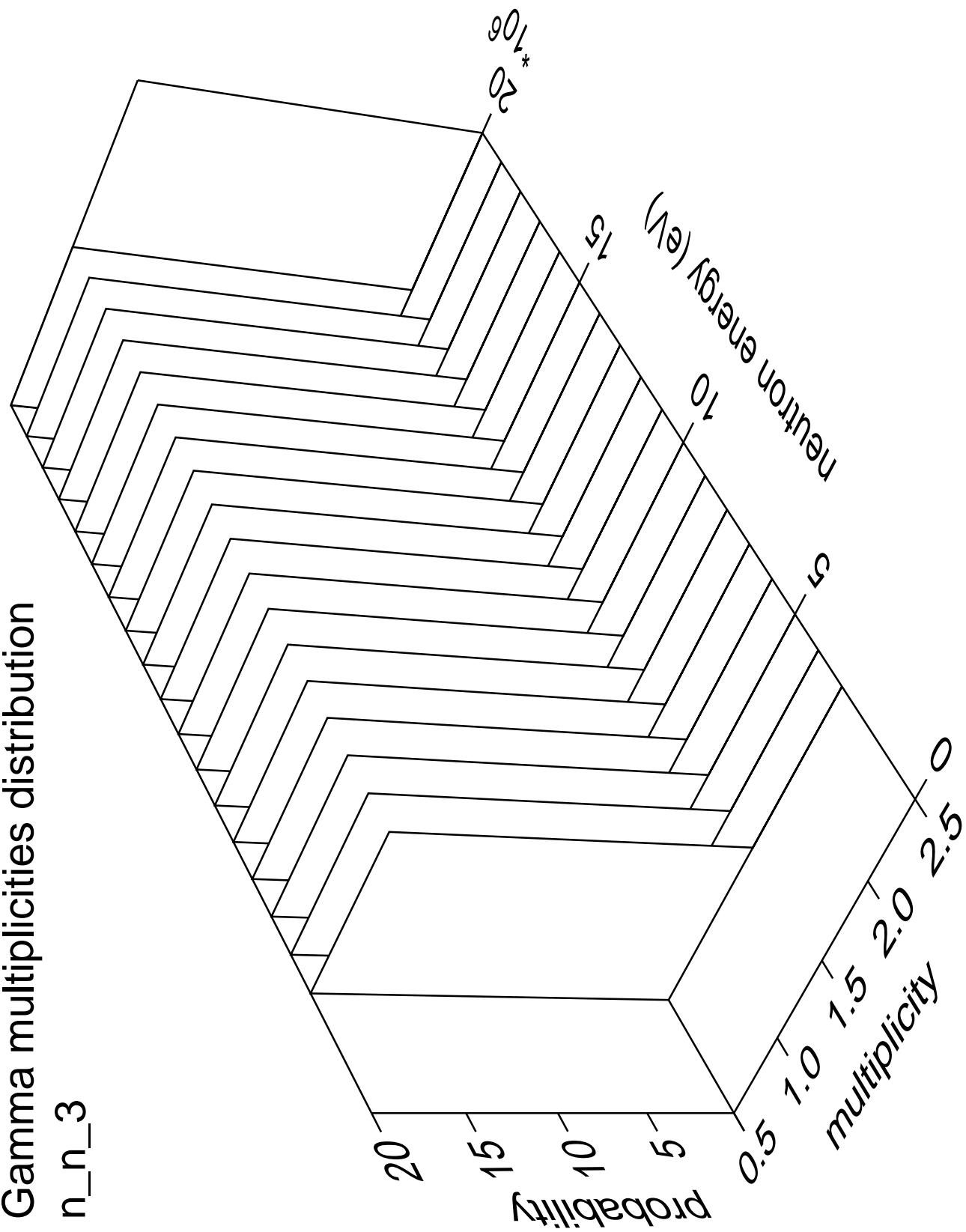


Gamma angles distribution

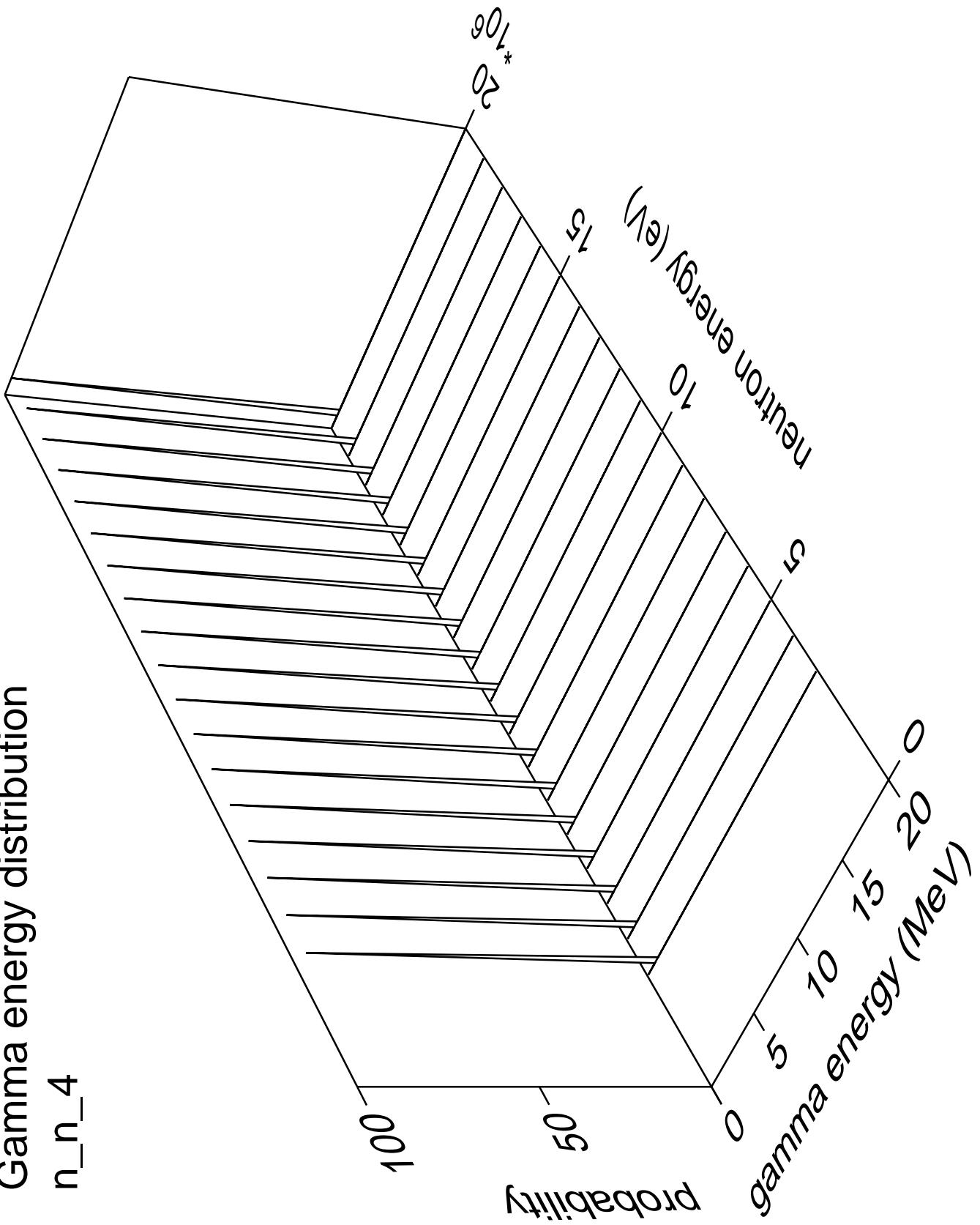
n_n_3



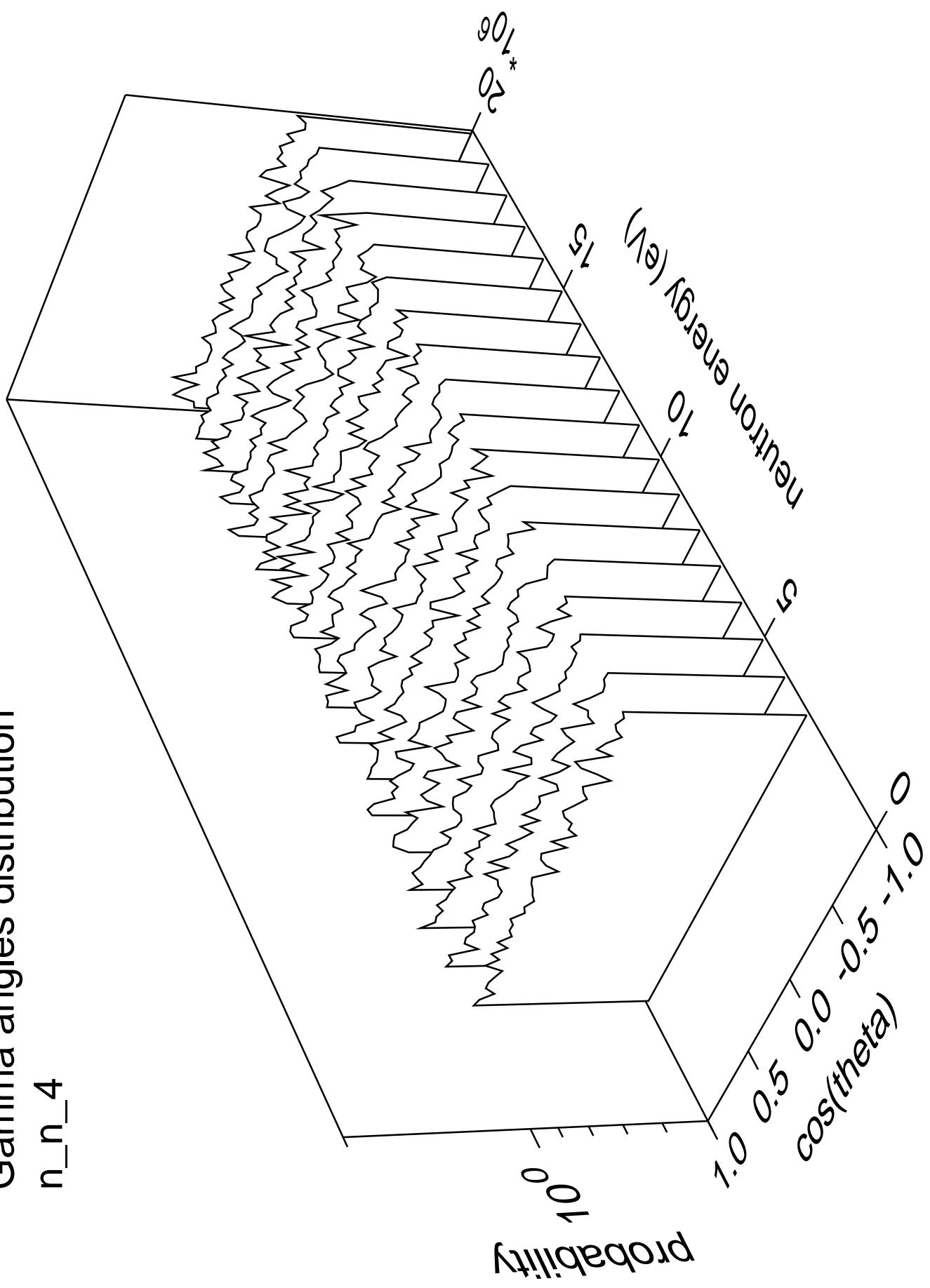
Gamma multiplicities distribution



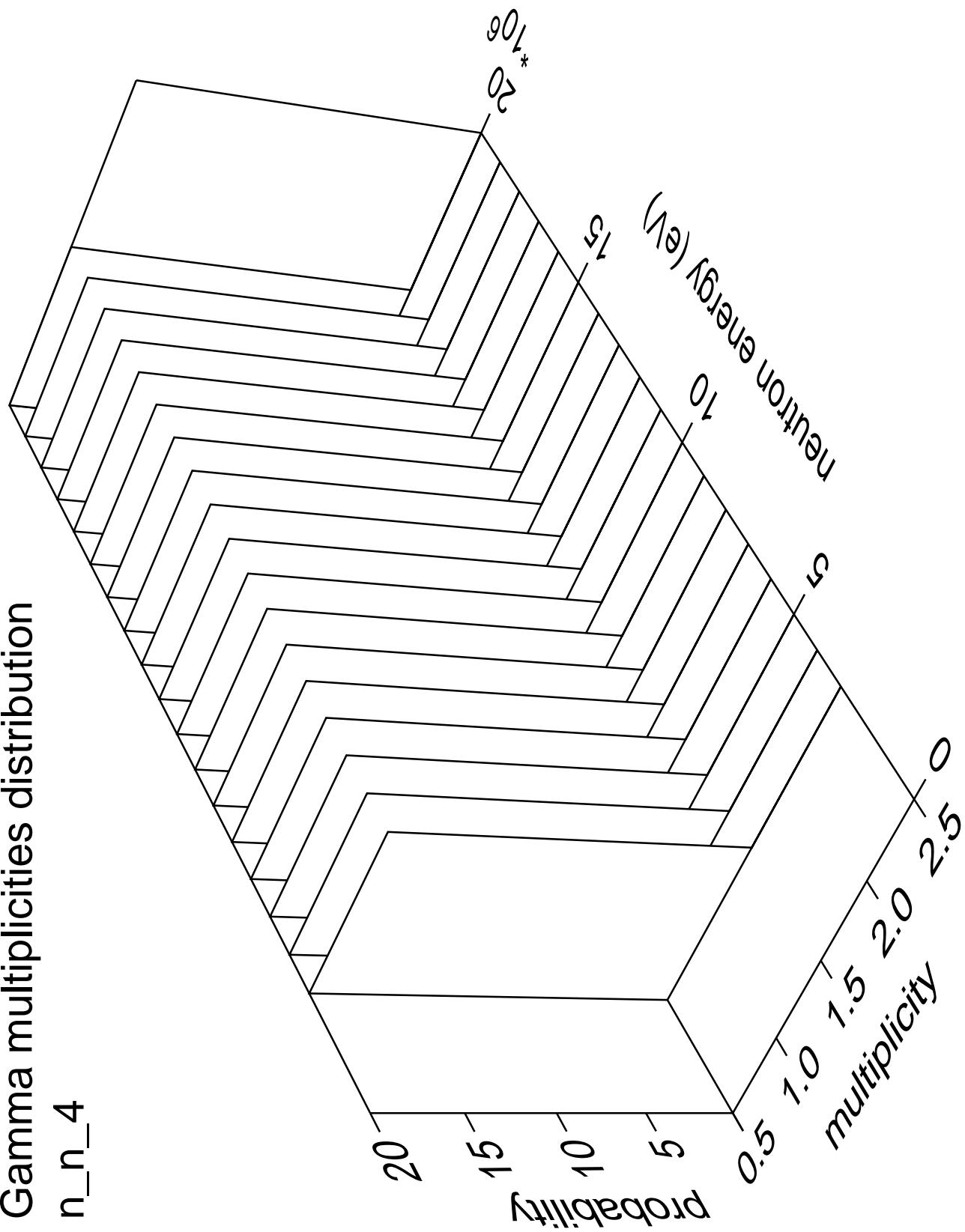
Gamma energy distribution n_n_4

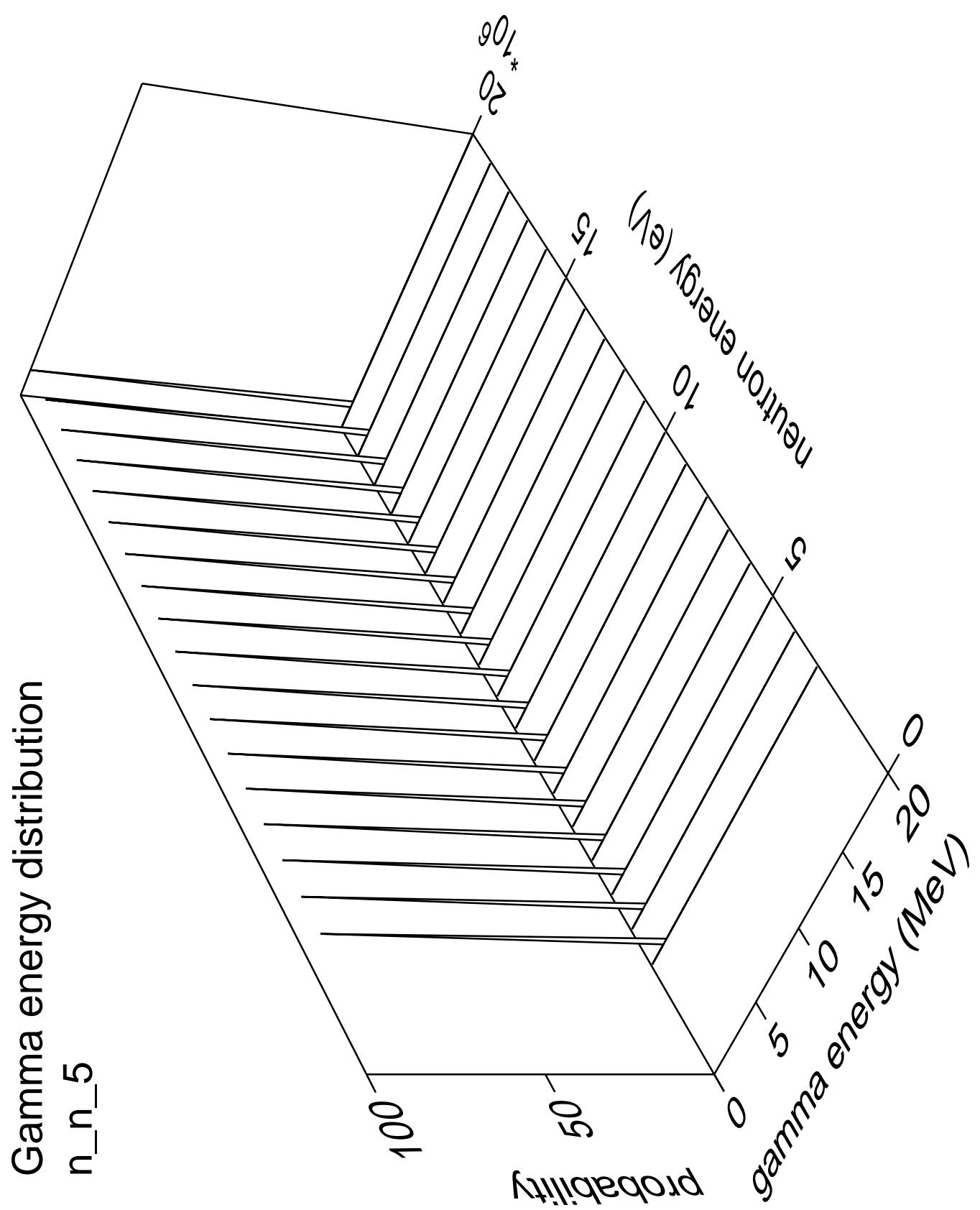


Gamma angles distribution



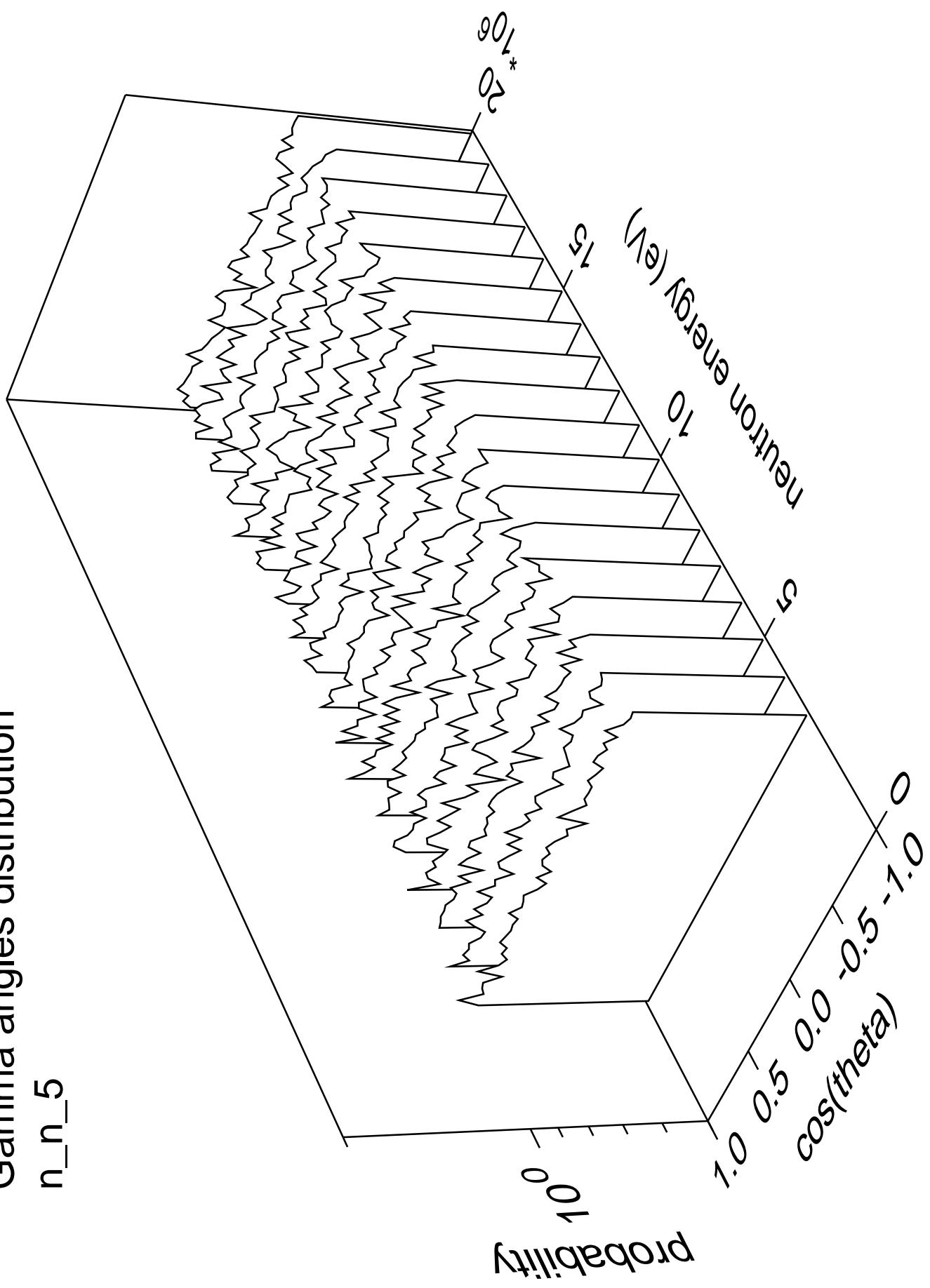
Gamma multiplicities distribution



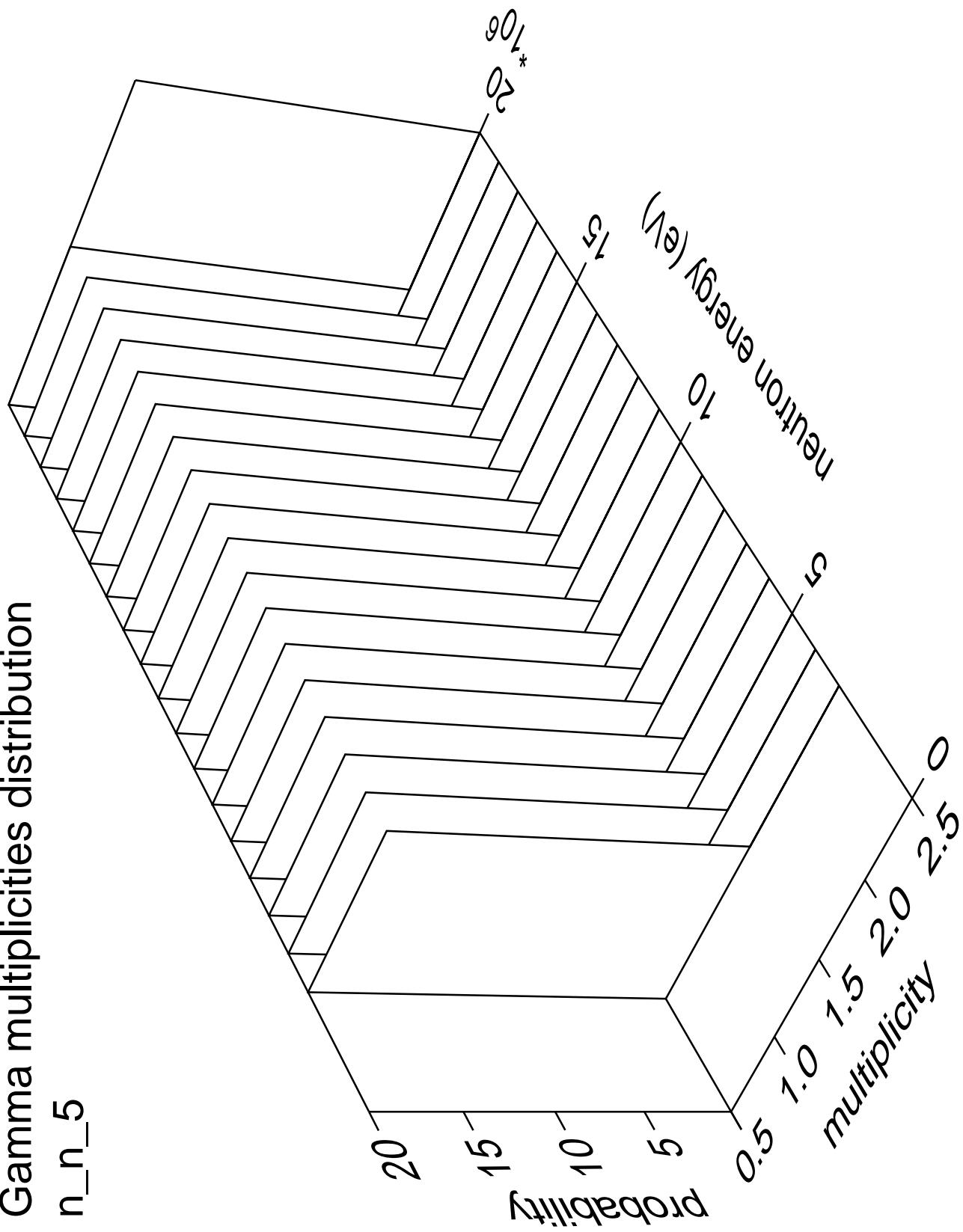


Gamma angles distribution

n_n_5

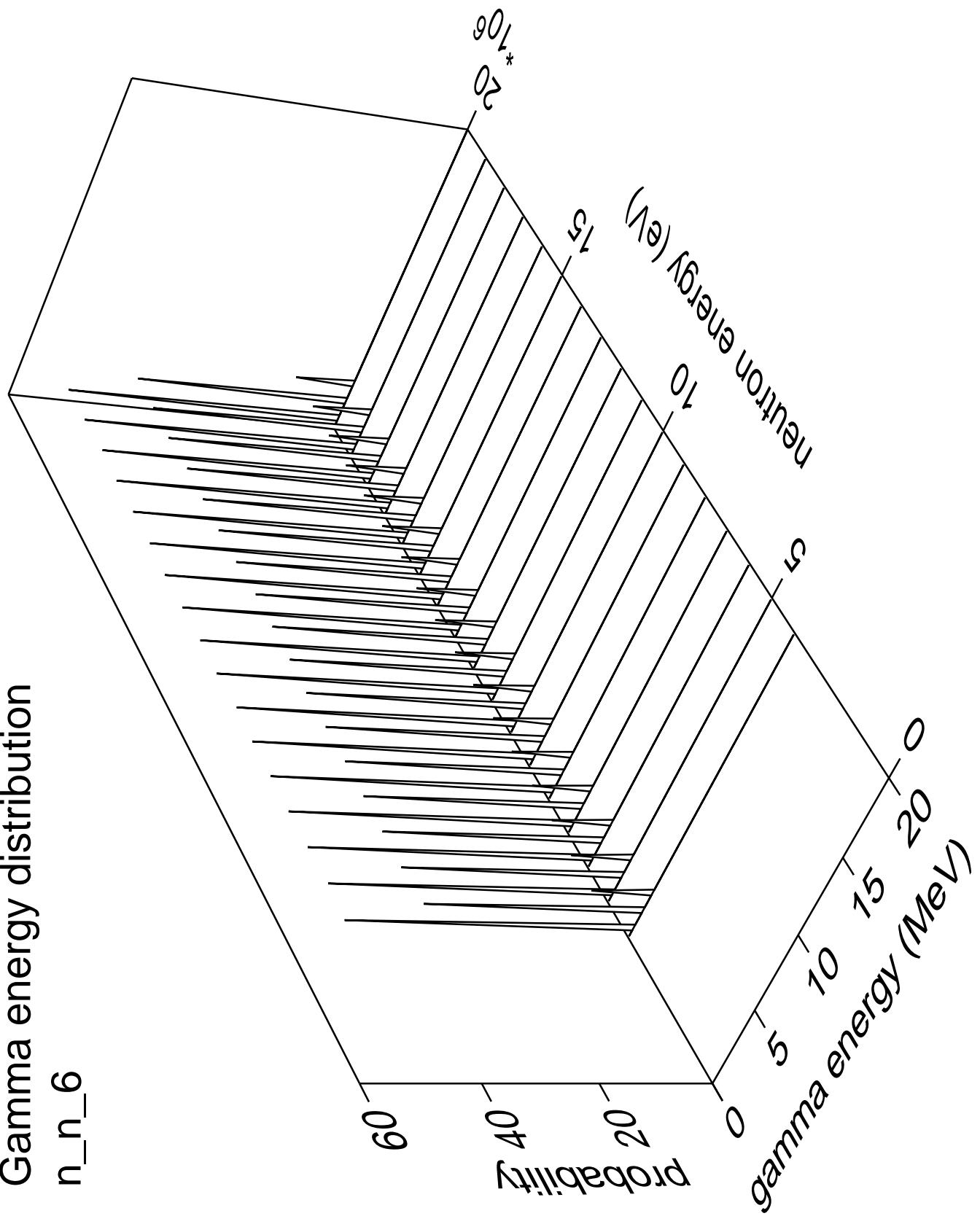


Gamma multiplicities distribution



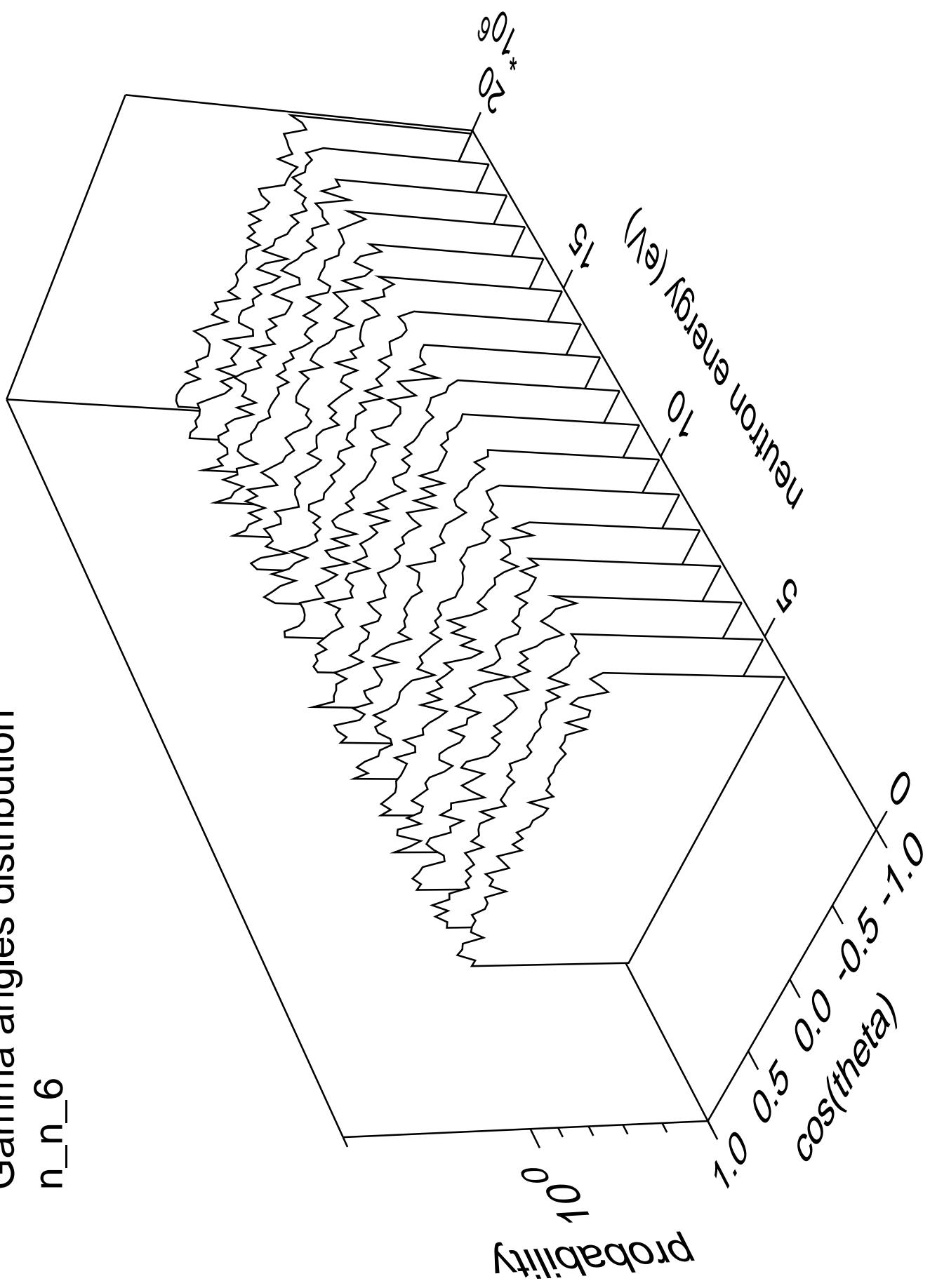
Gamma energy distribution

n_n_6

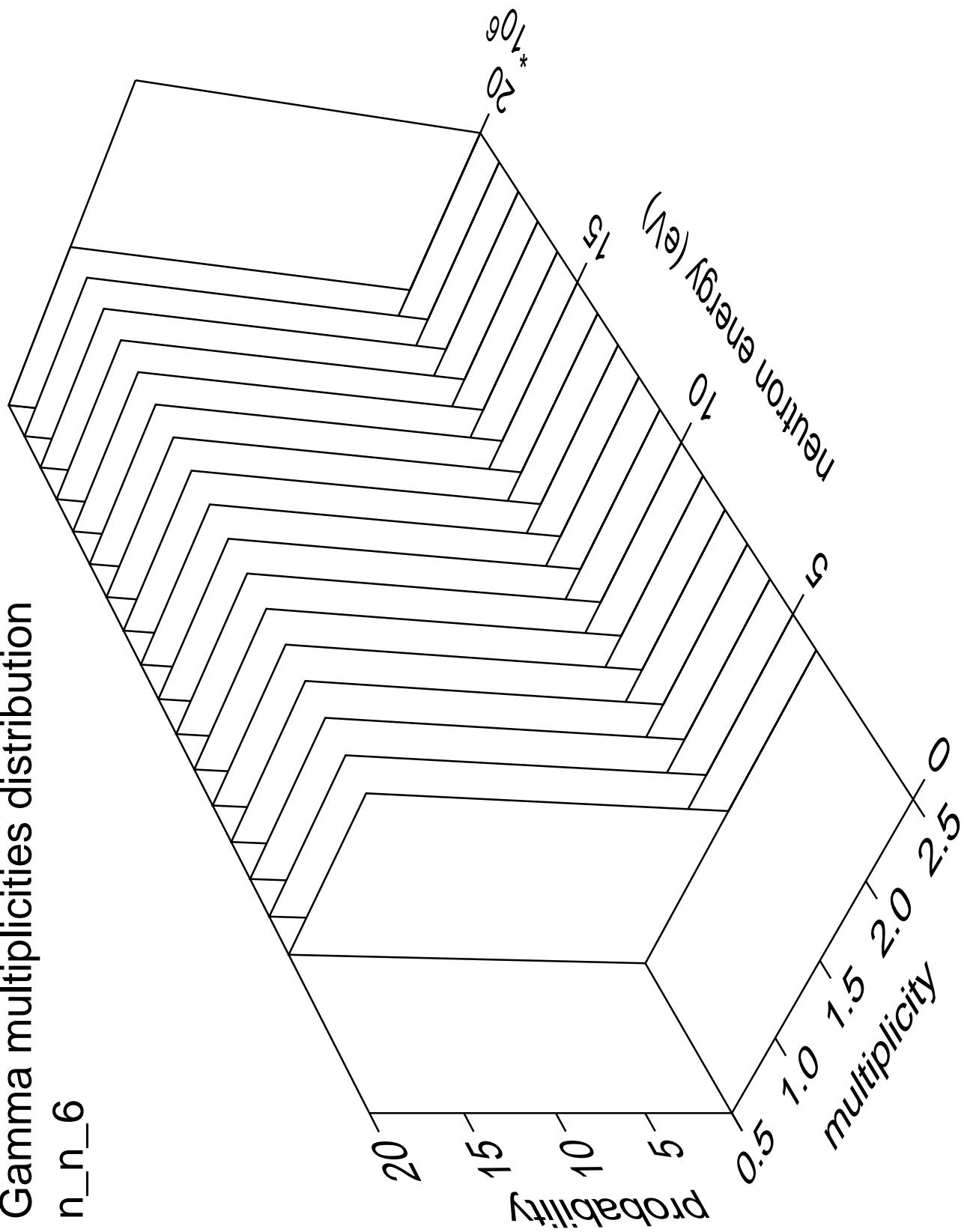


Gamma angles distribution

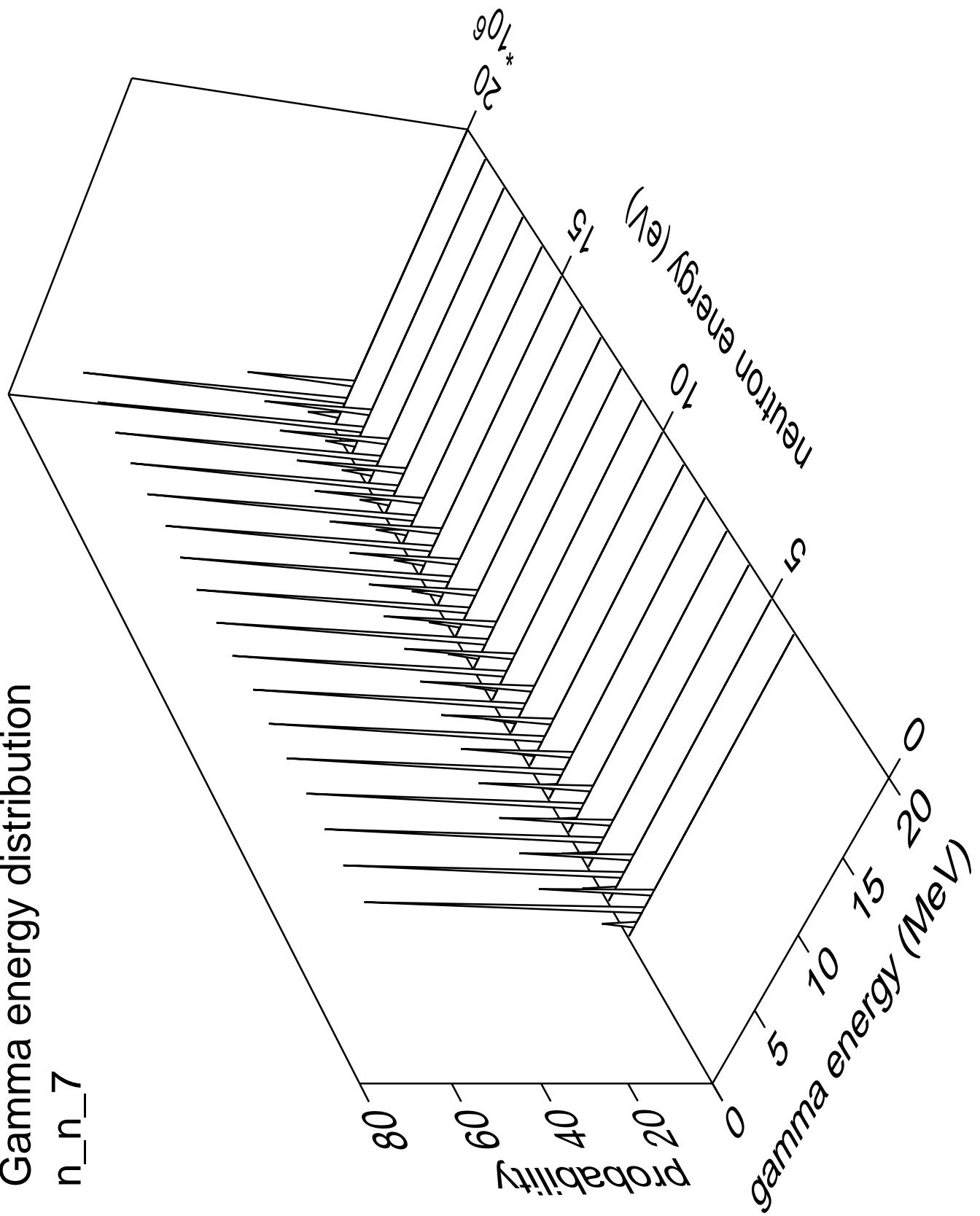
n_n_6



Gamma multiplicities distribution

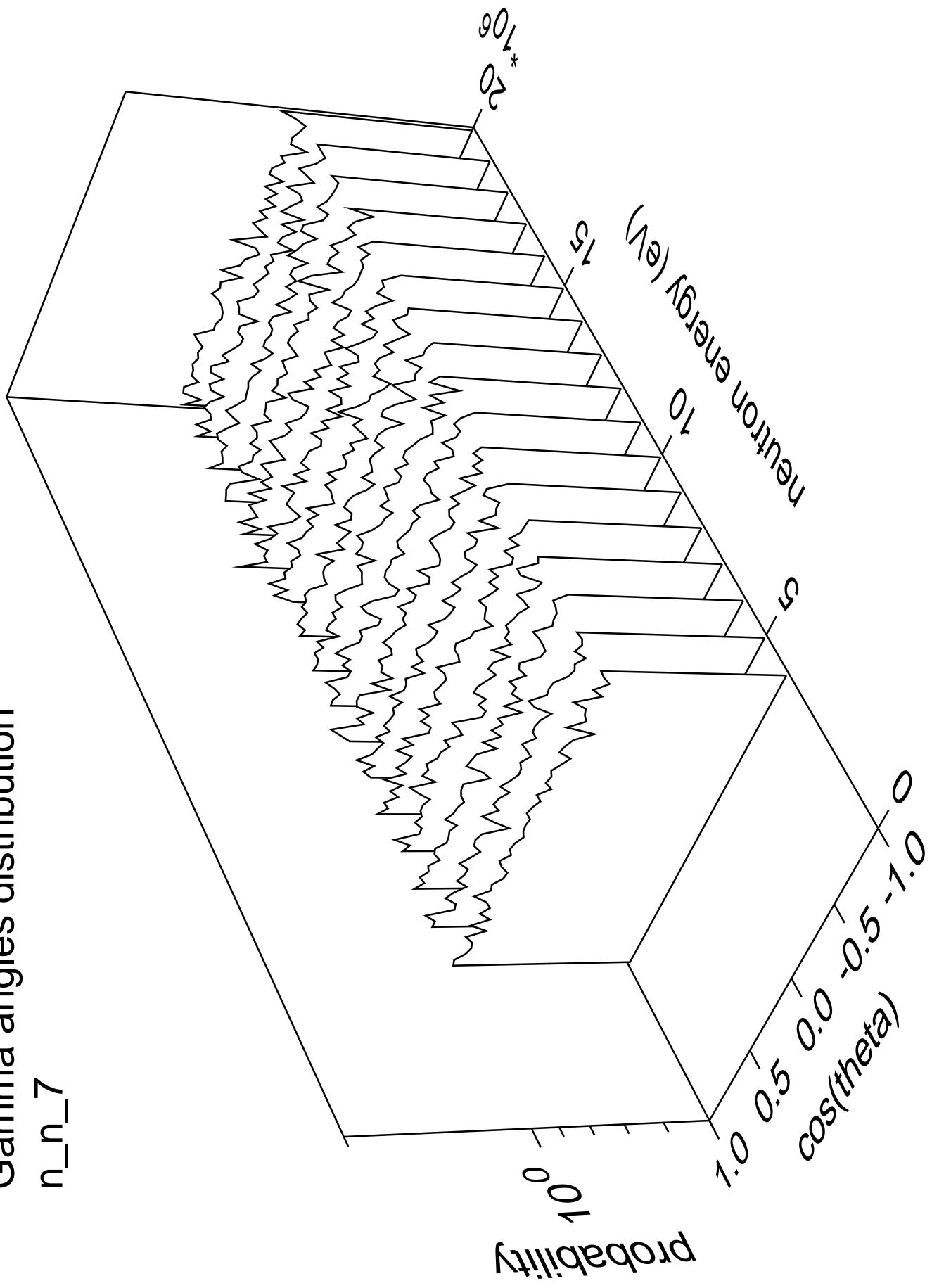


Gamma energy distribution

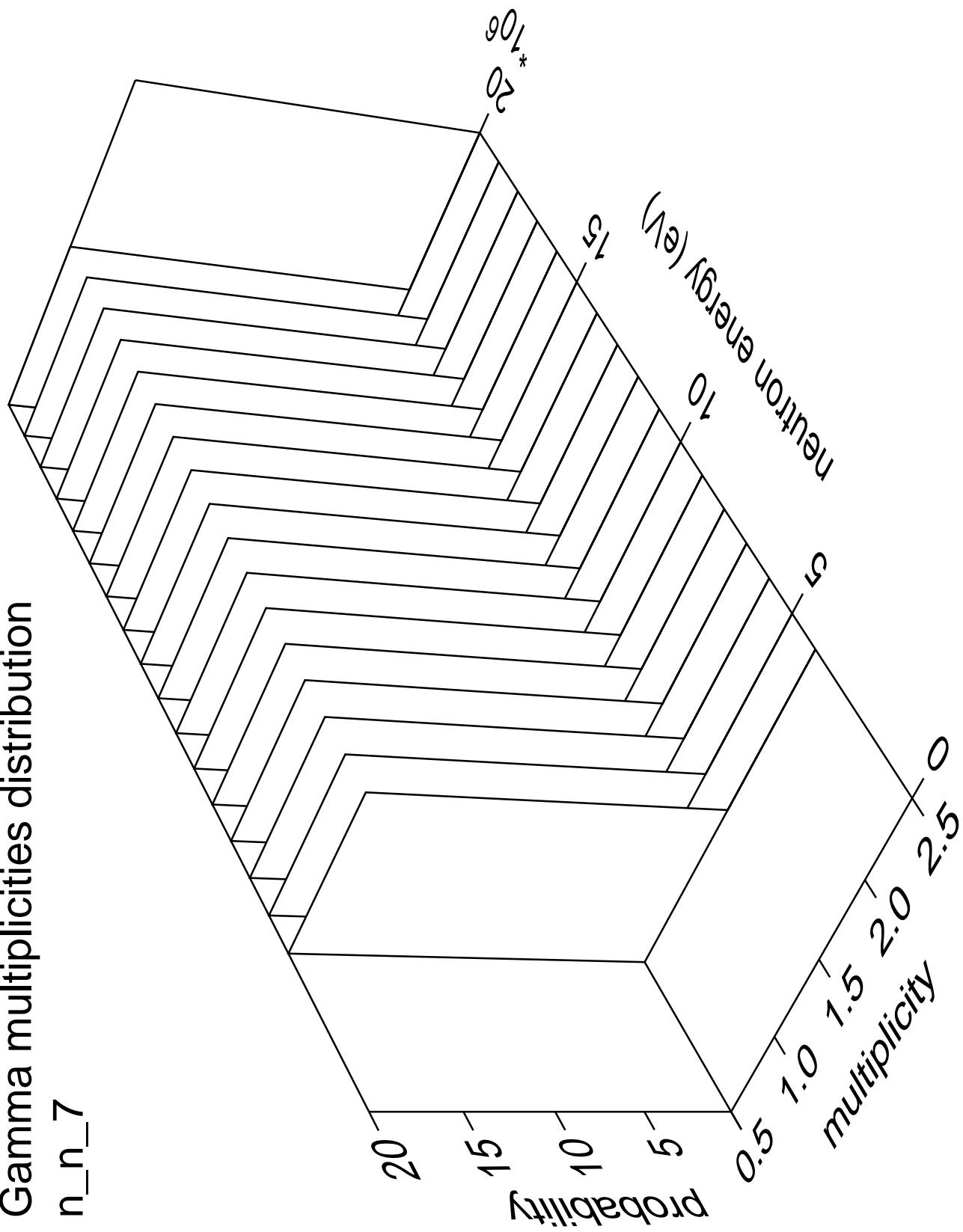


Gamma angles distribution

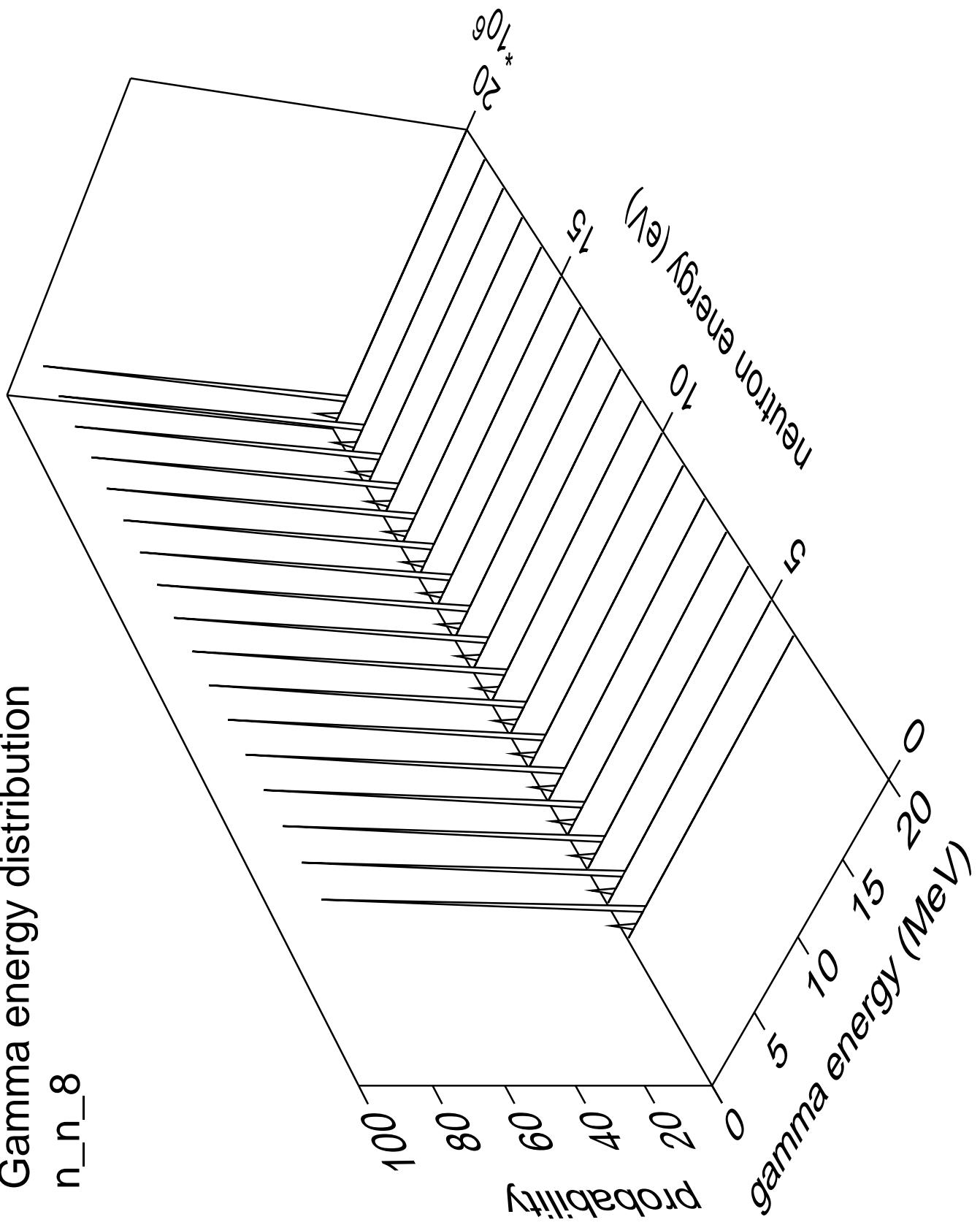
n_n_7



Gamma multiplicities distribution

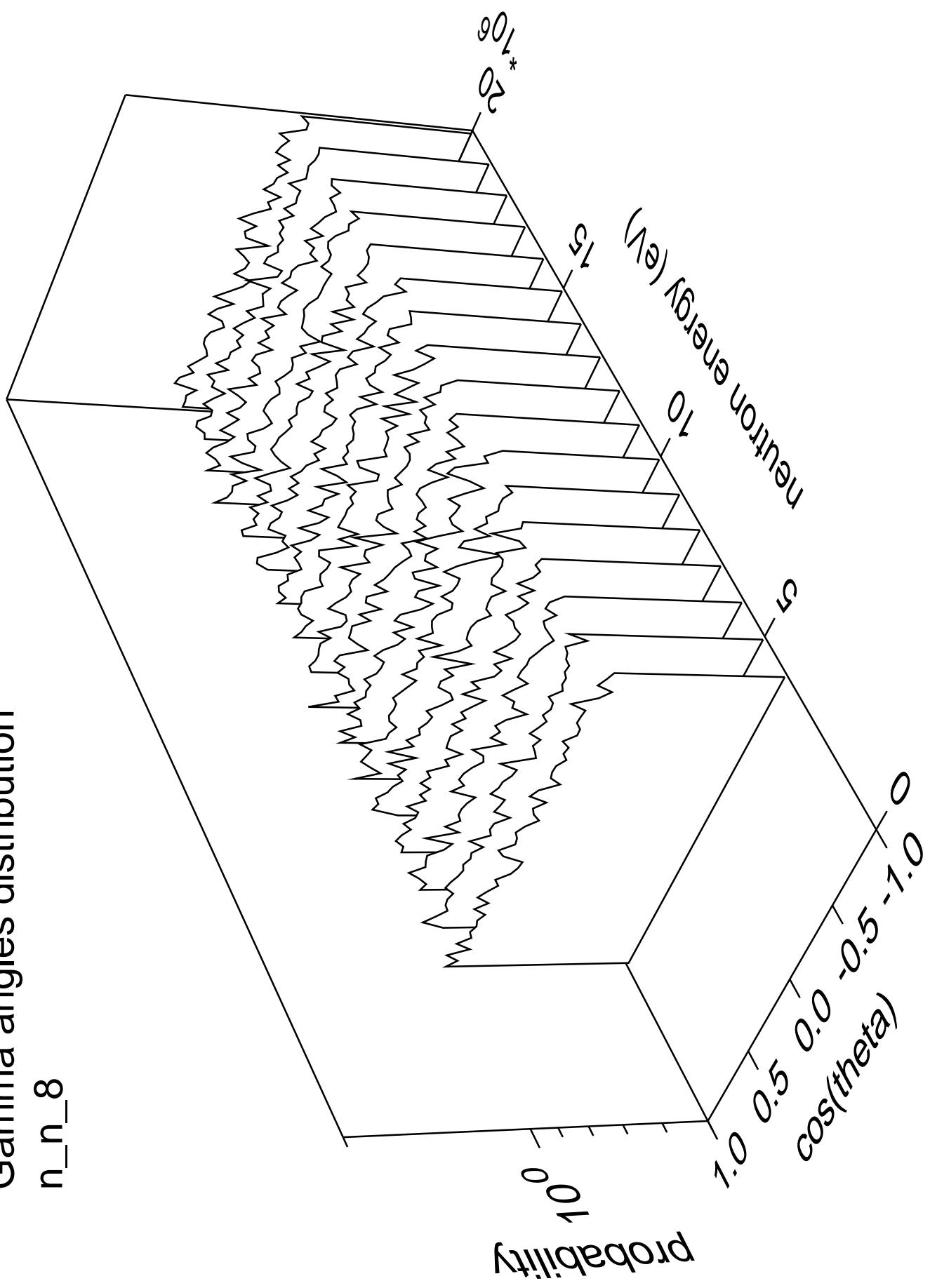


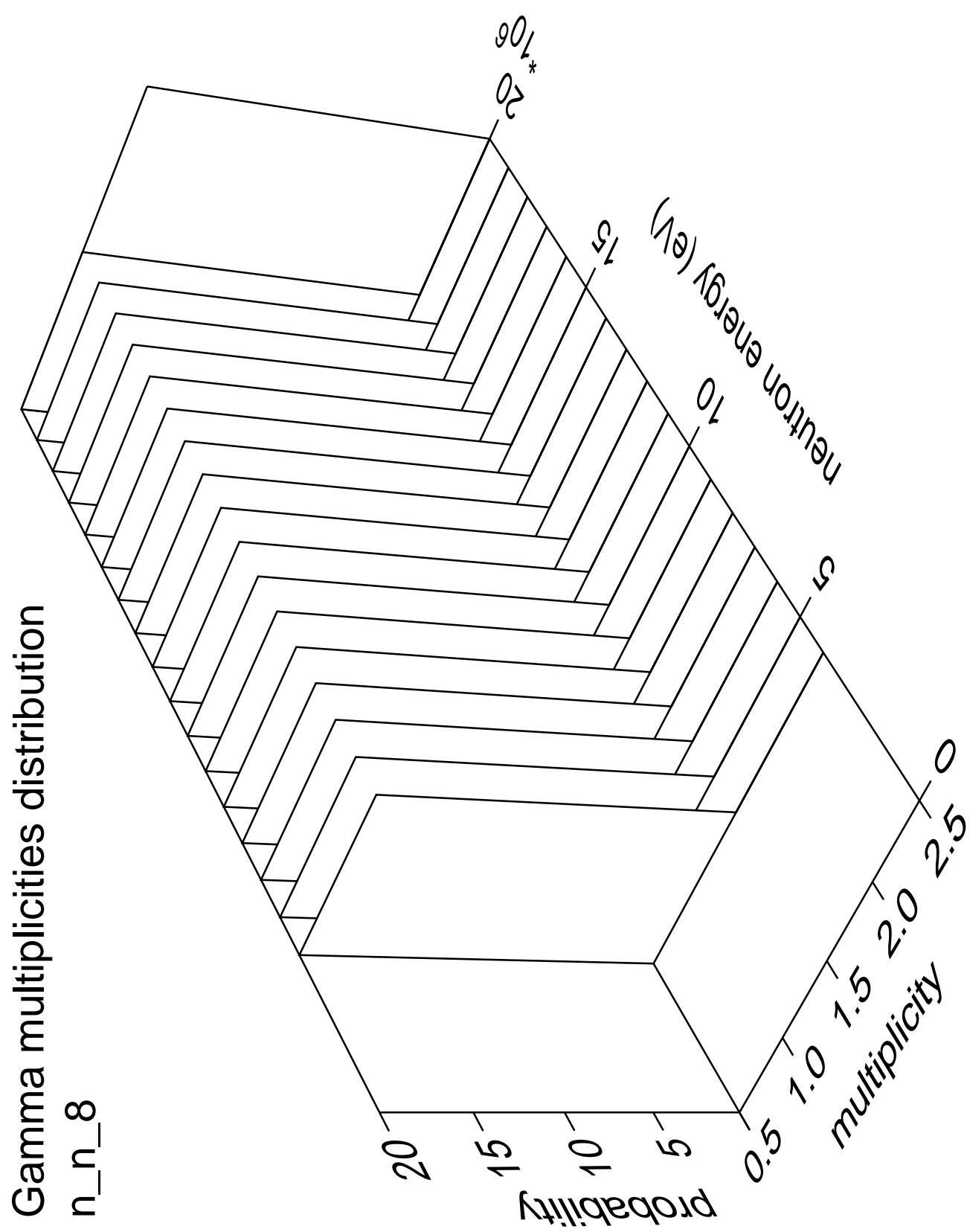
Gamma energy distribution
n_n_8



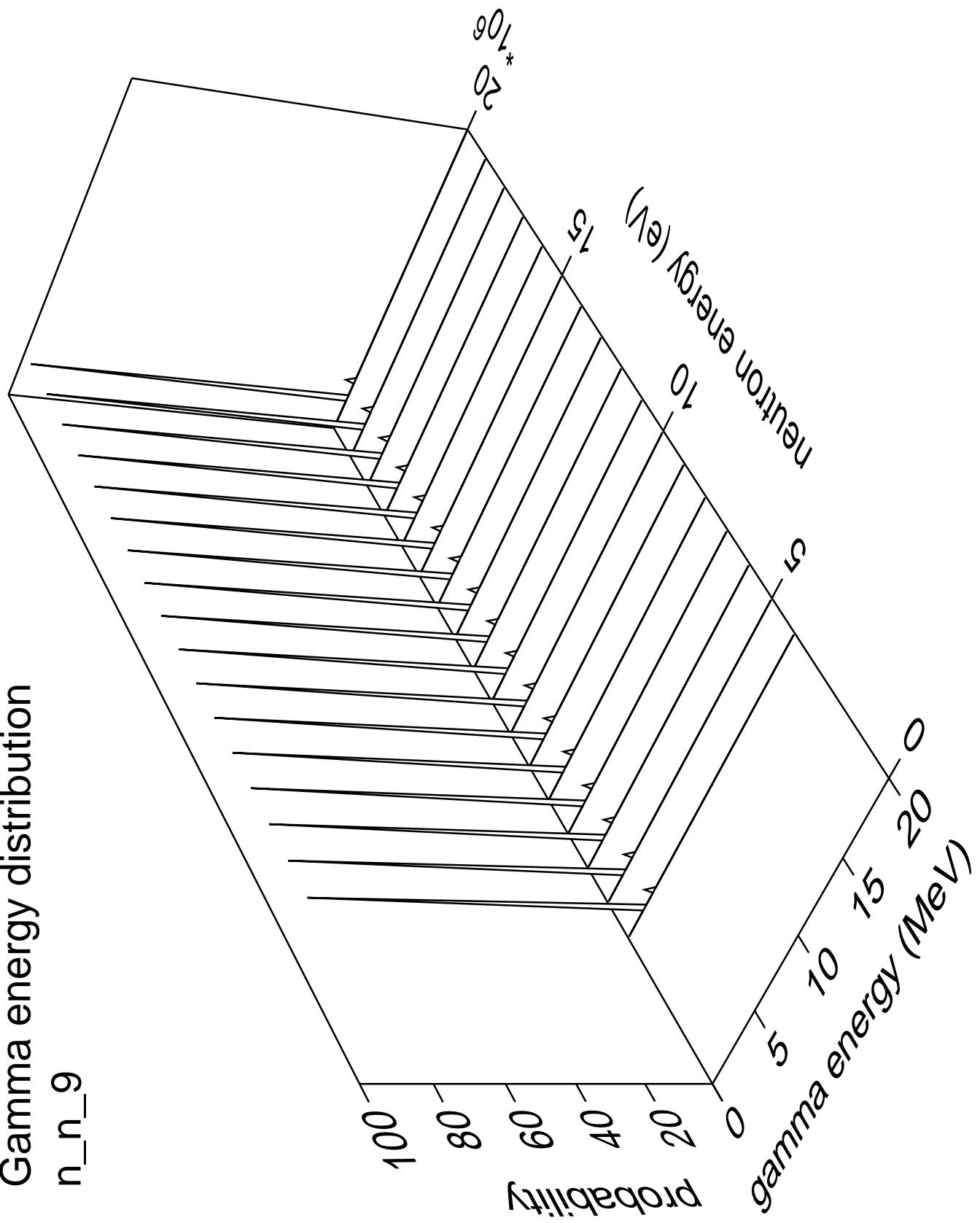
Gamma angles distribution

n_n_8



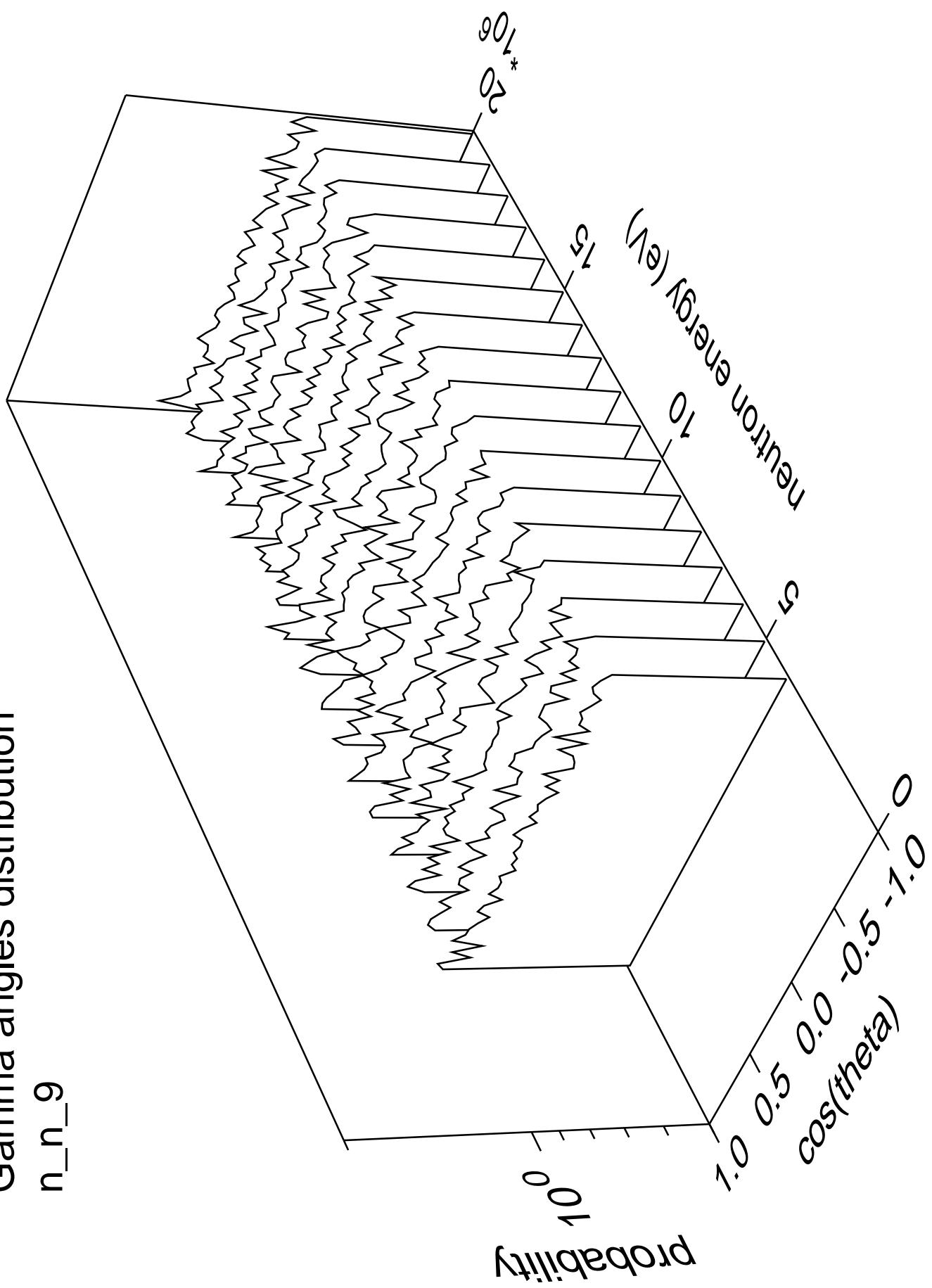


Gamma energy distribution

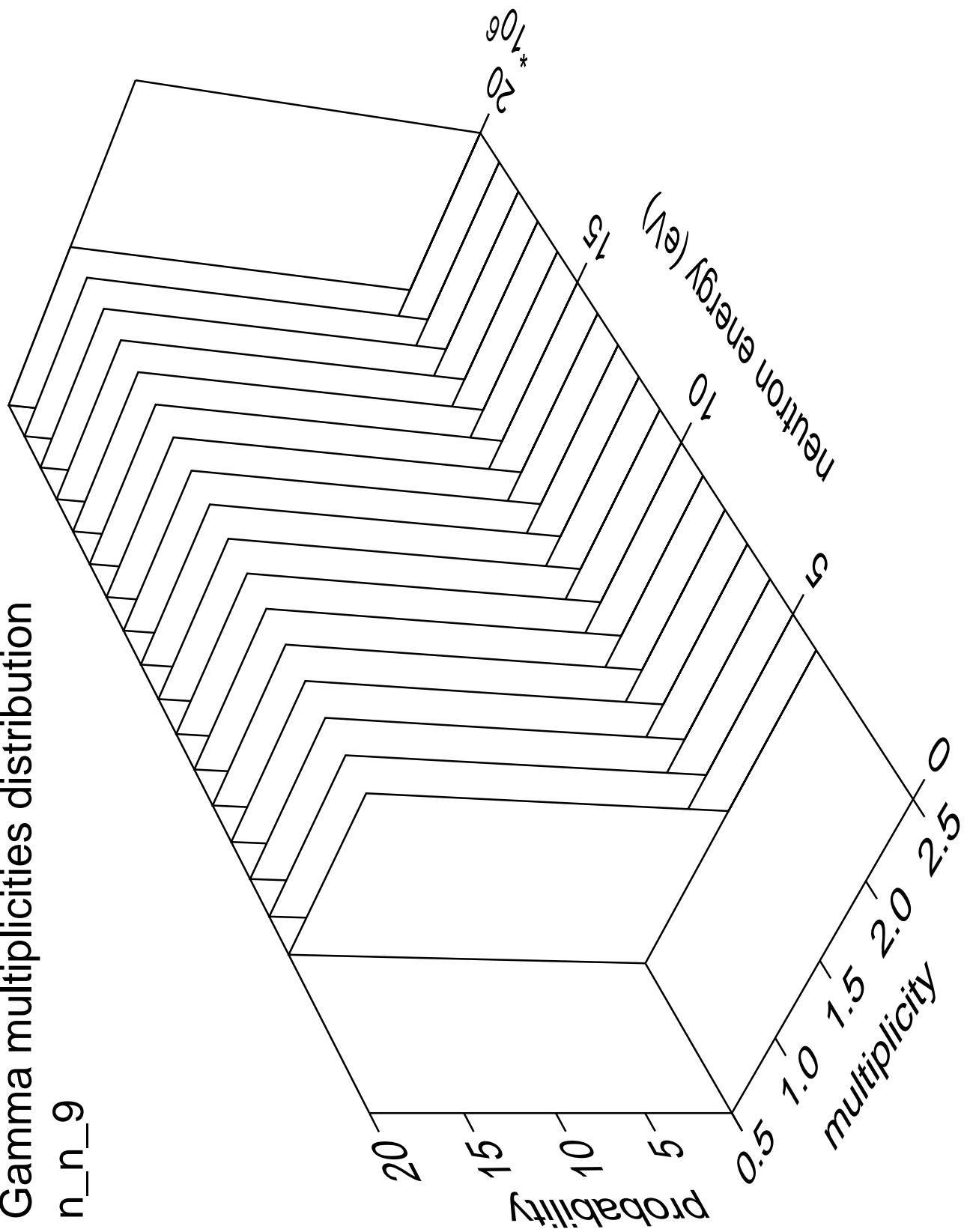


Gamma angles distribution

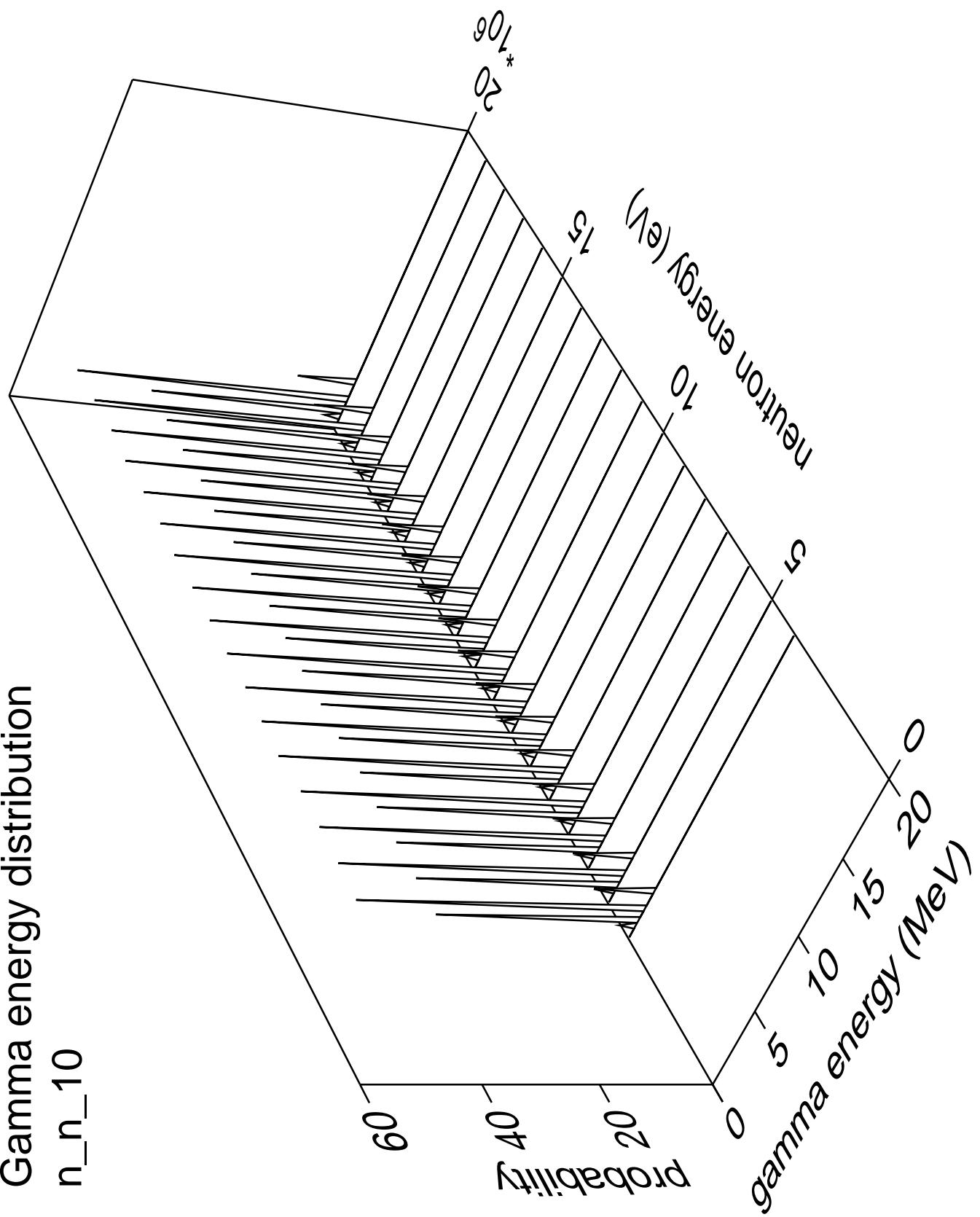
n_n_9



Gamma multiplicities distribution

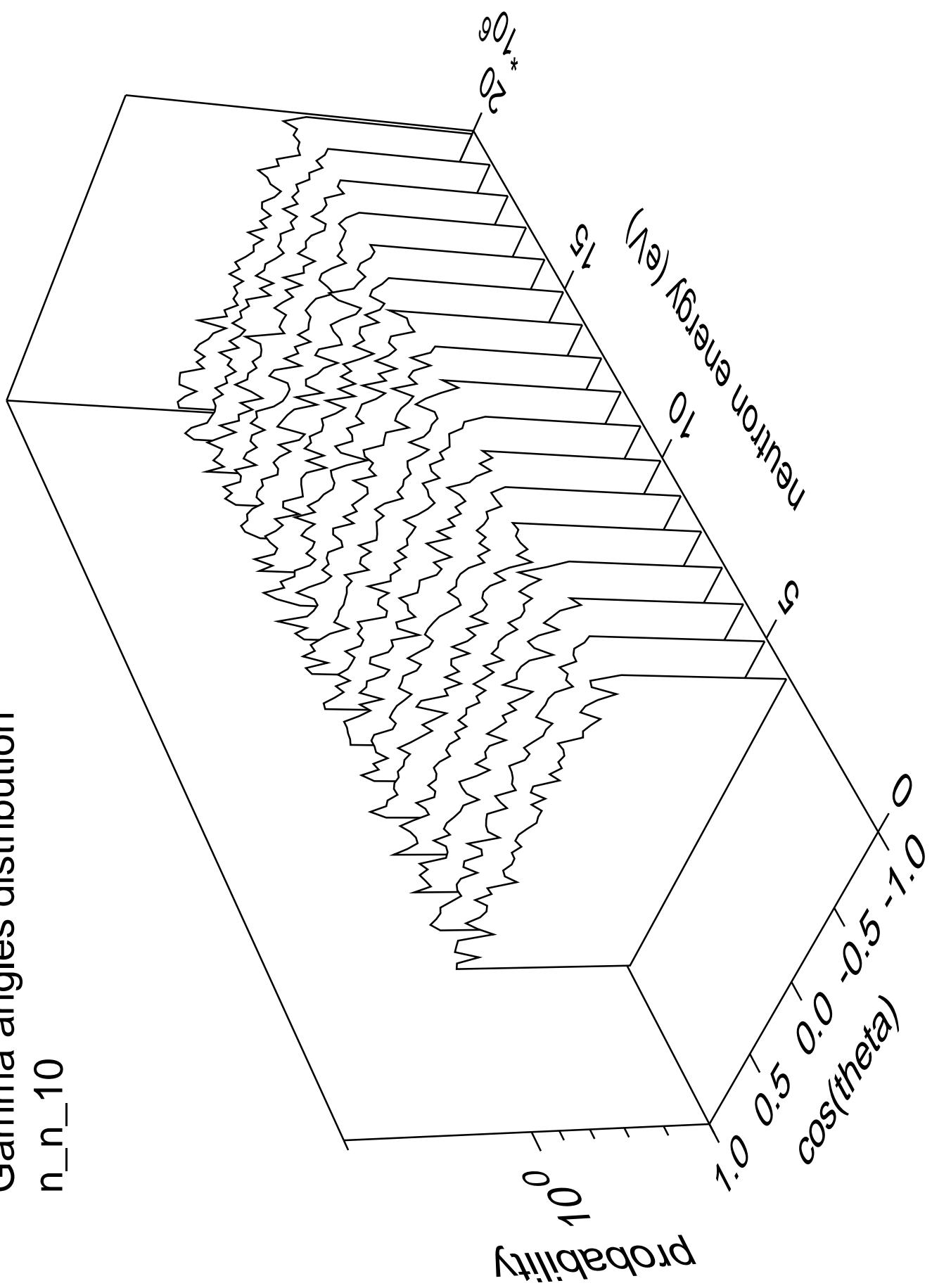


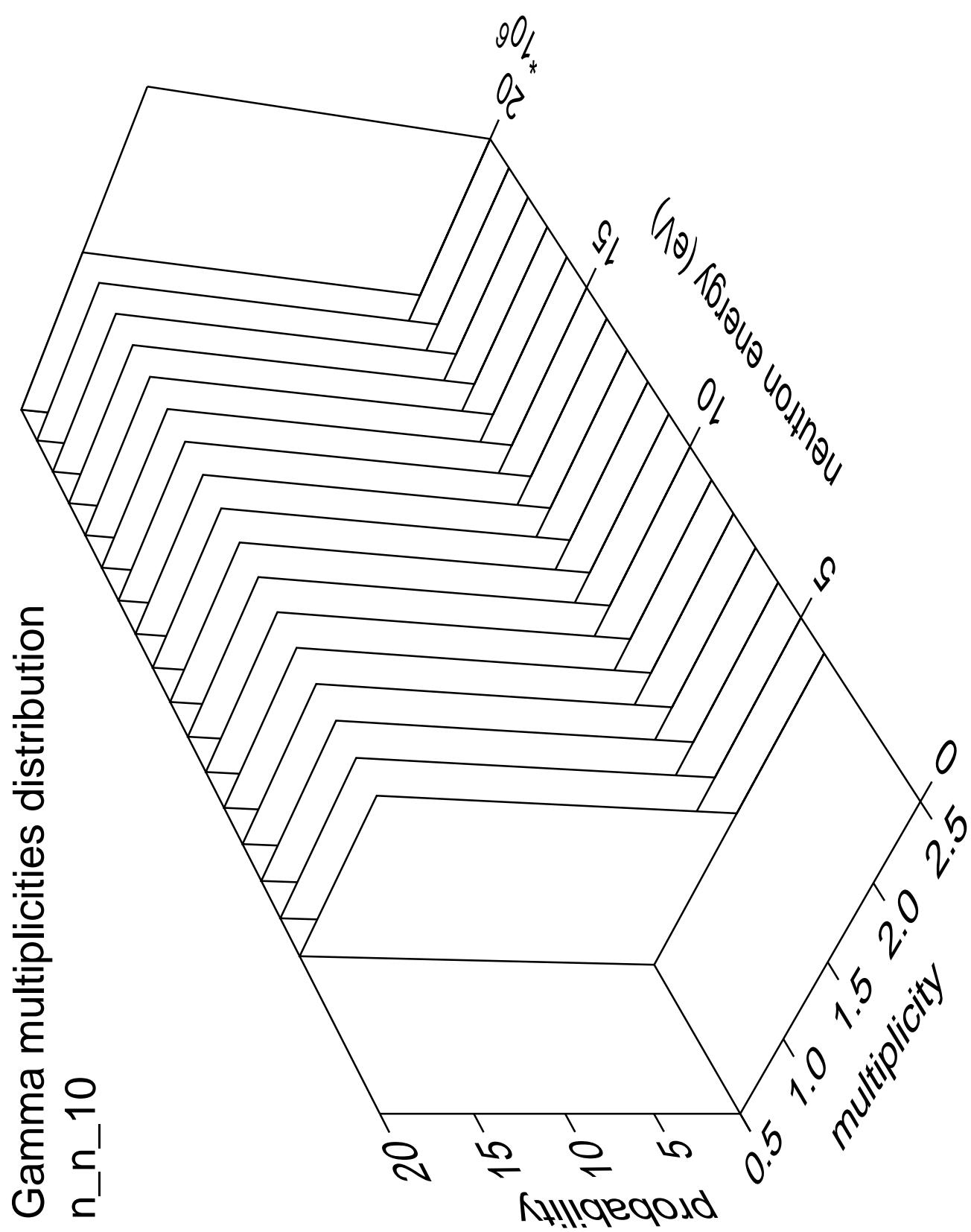
Gamma energy distribution



Gamma angles distribution

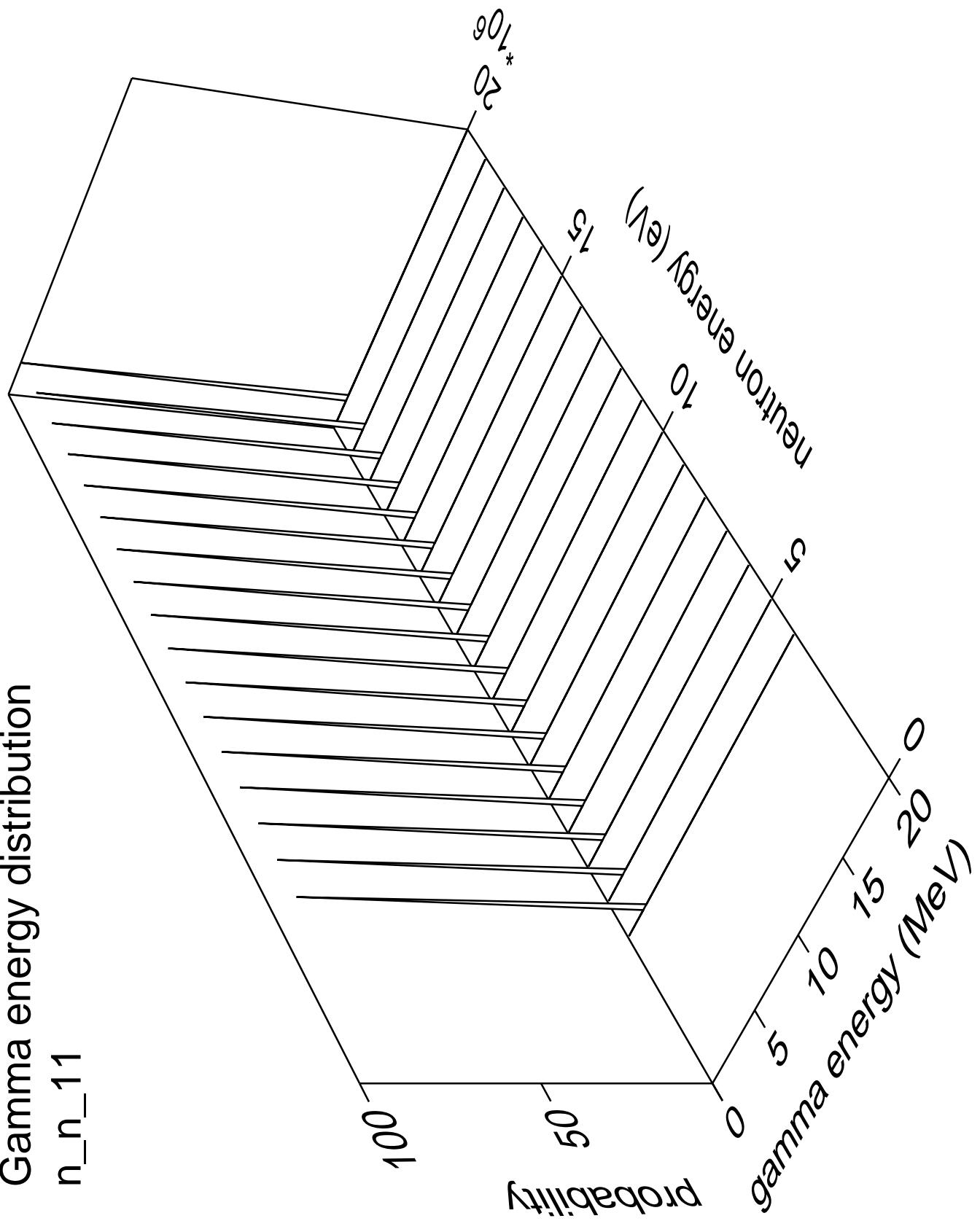
n_n_10



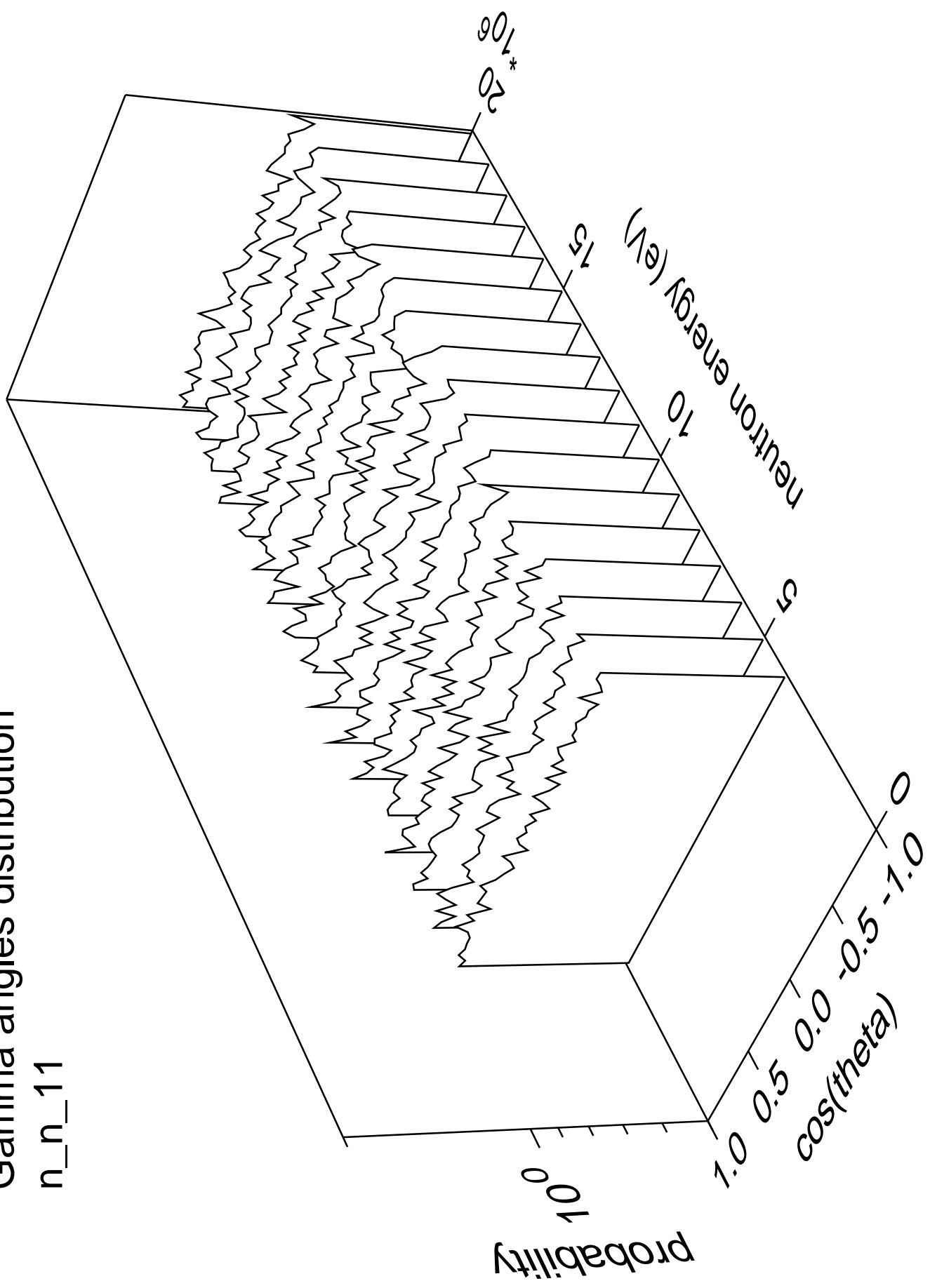


Gamma energy distribution

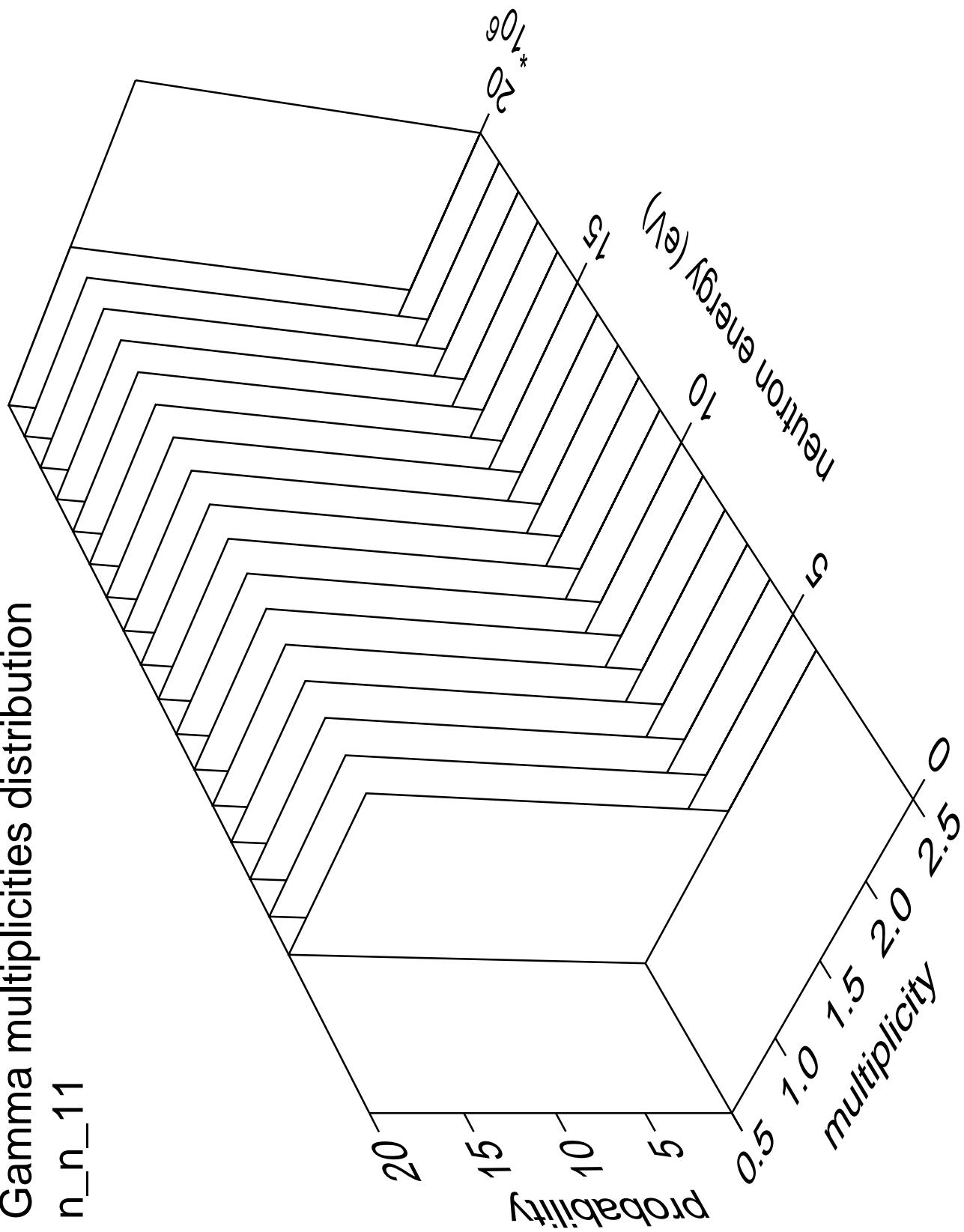
n_n_11



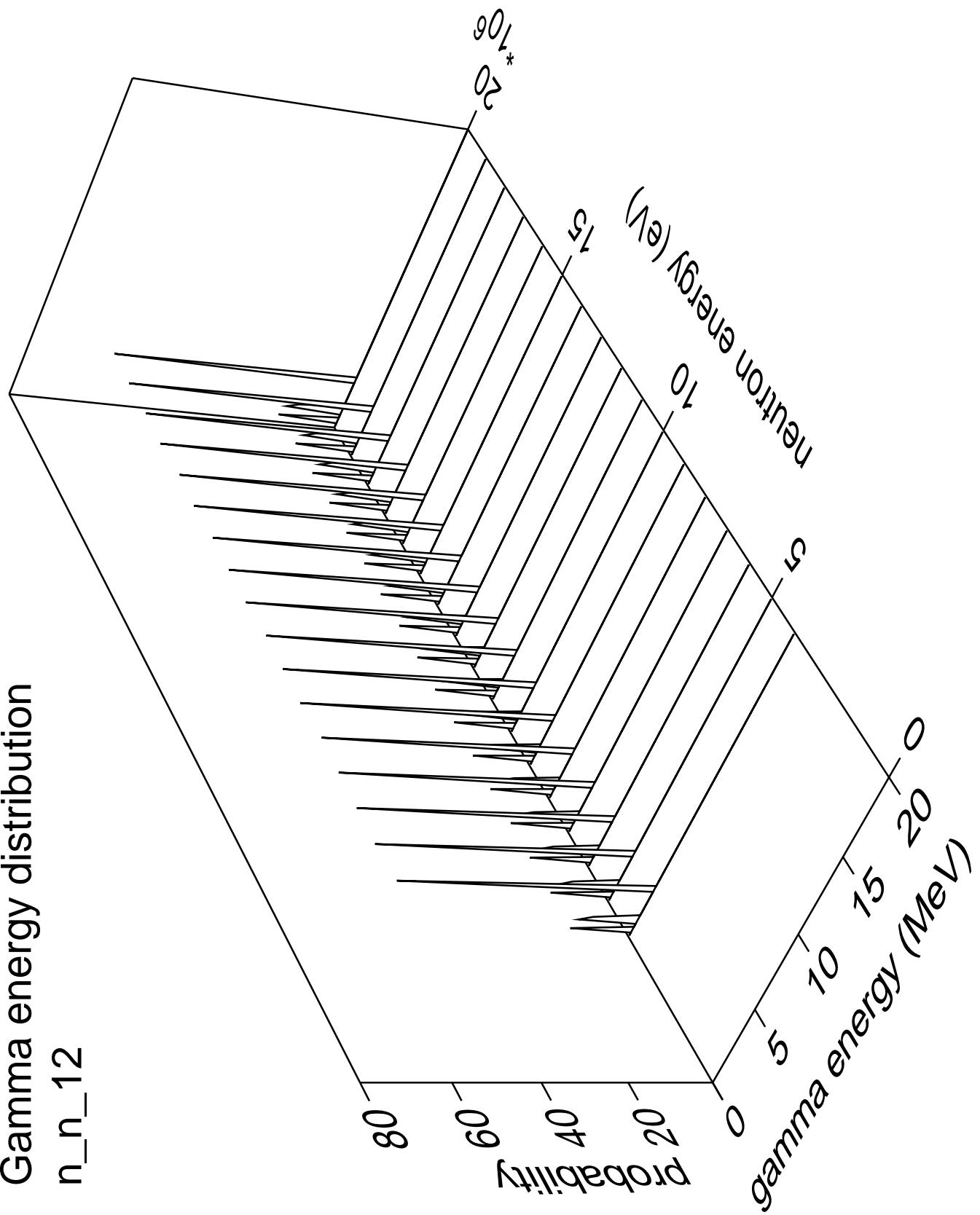
Gamma angles distribution



Gamma multiplicities distribution

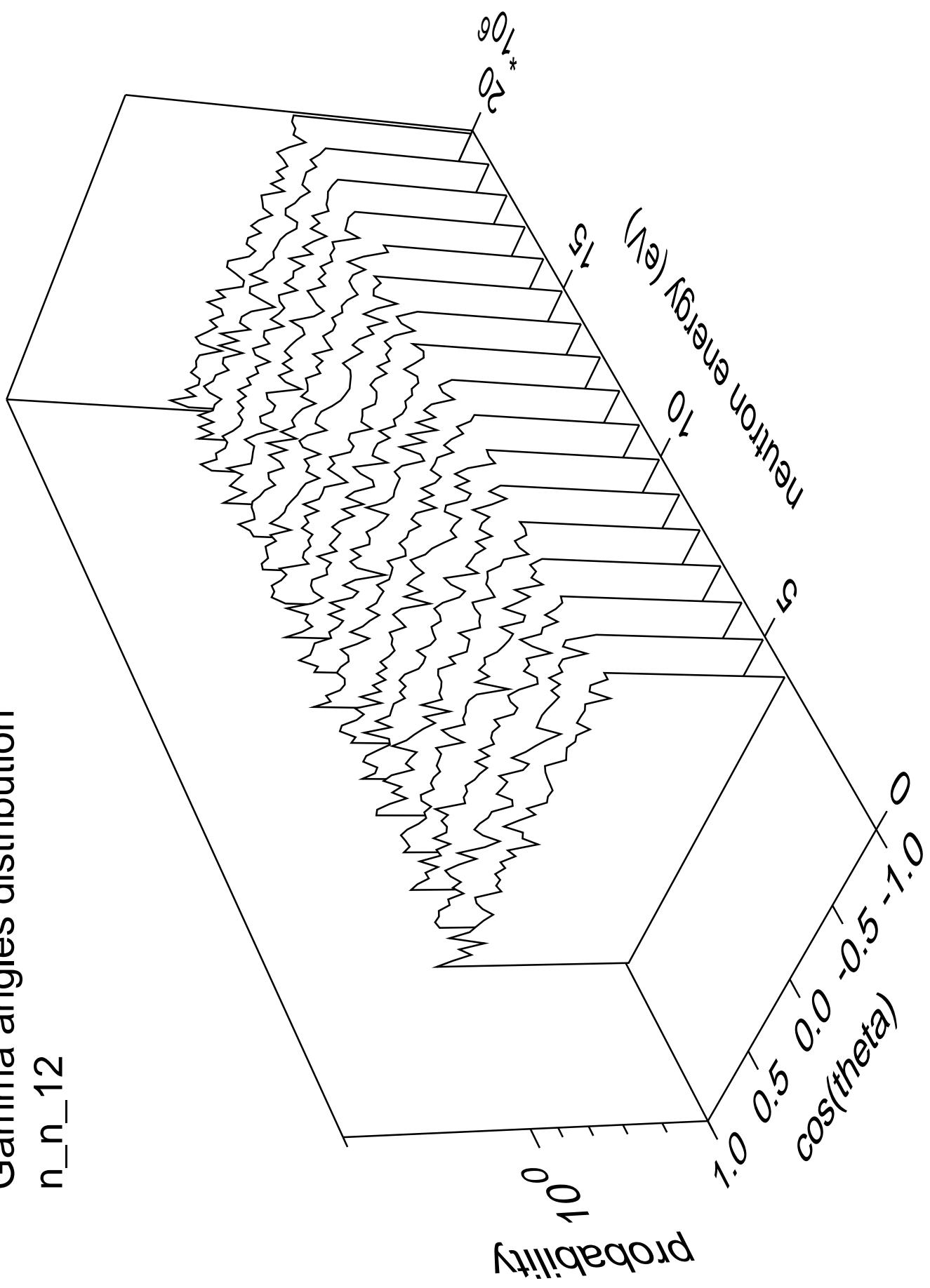


Gamma energy distribution

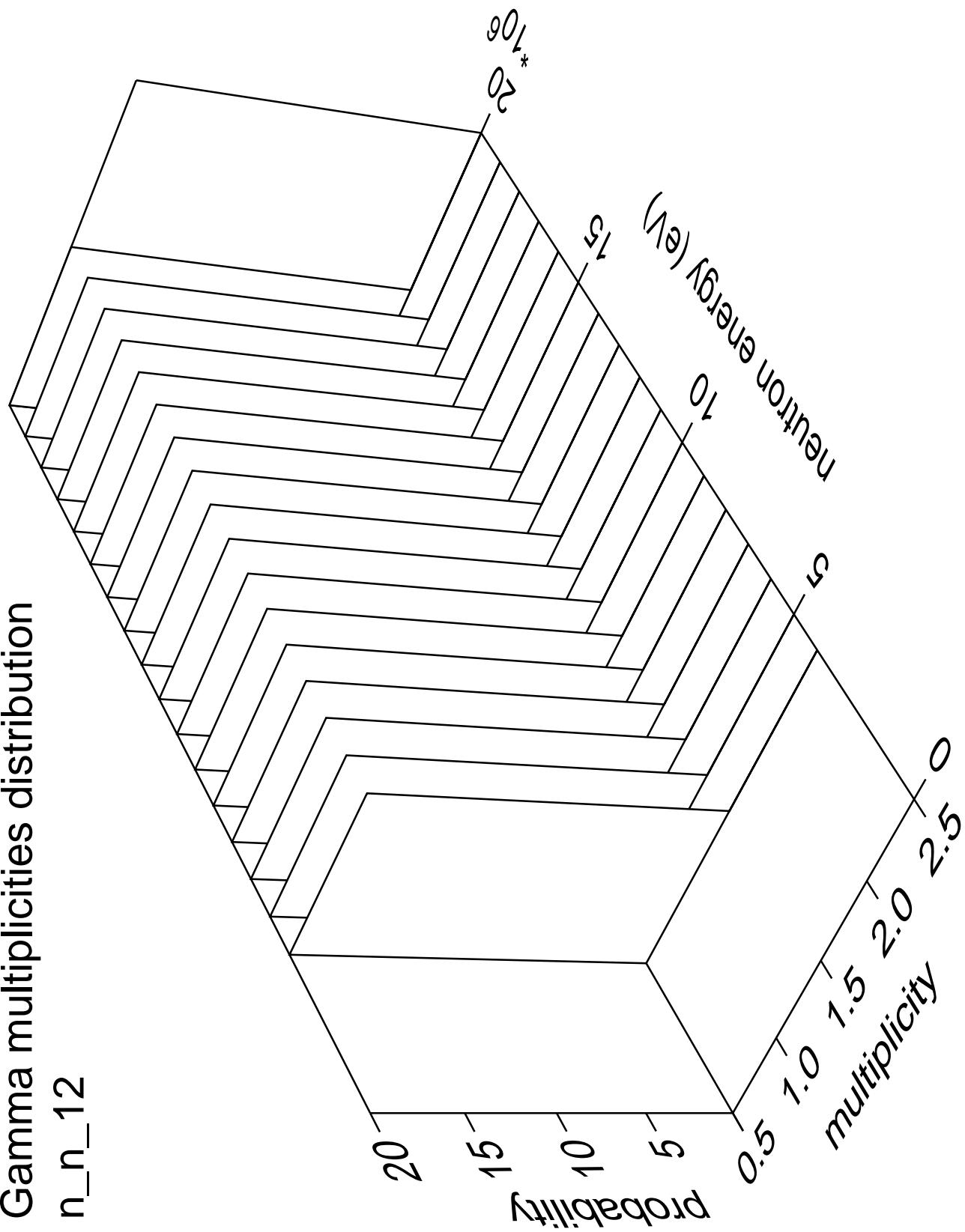


Gamma angles distribution

n_n_12

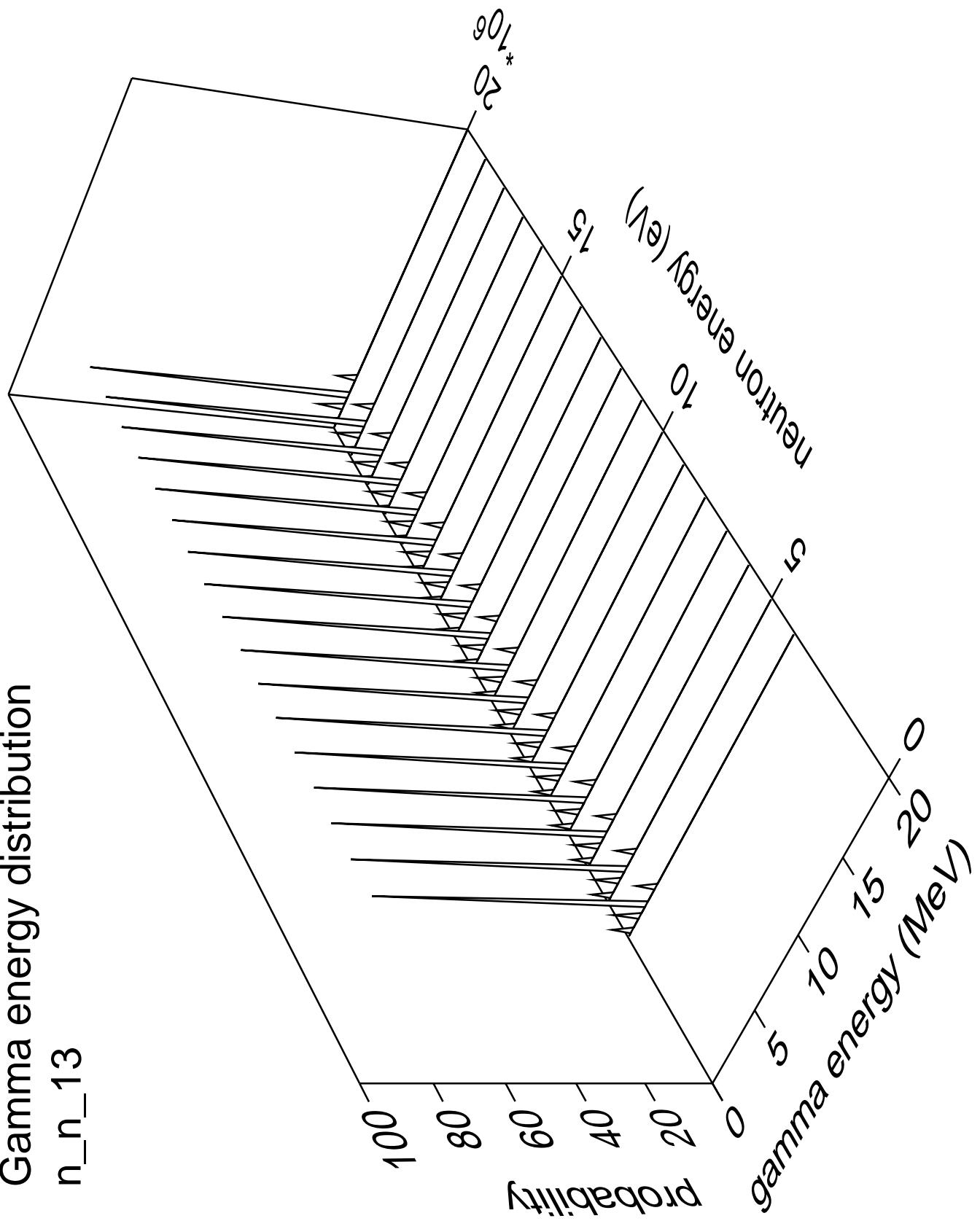


Gamma multiplicities distribution



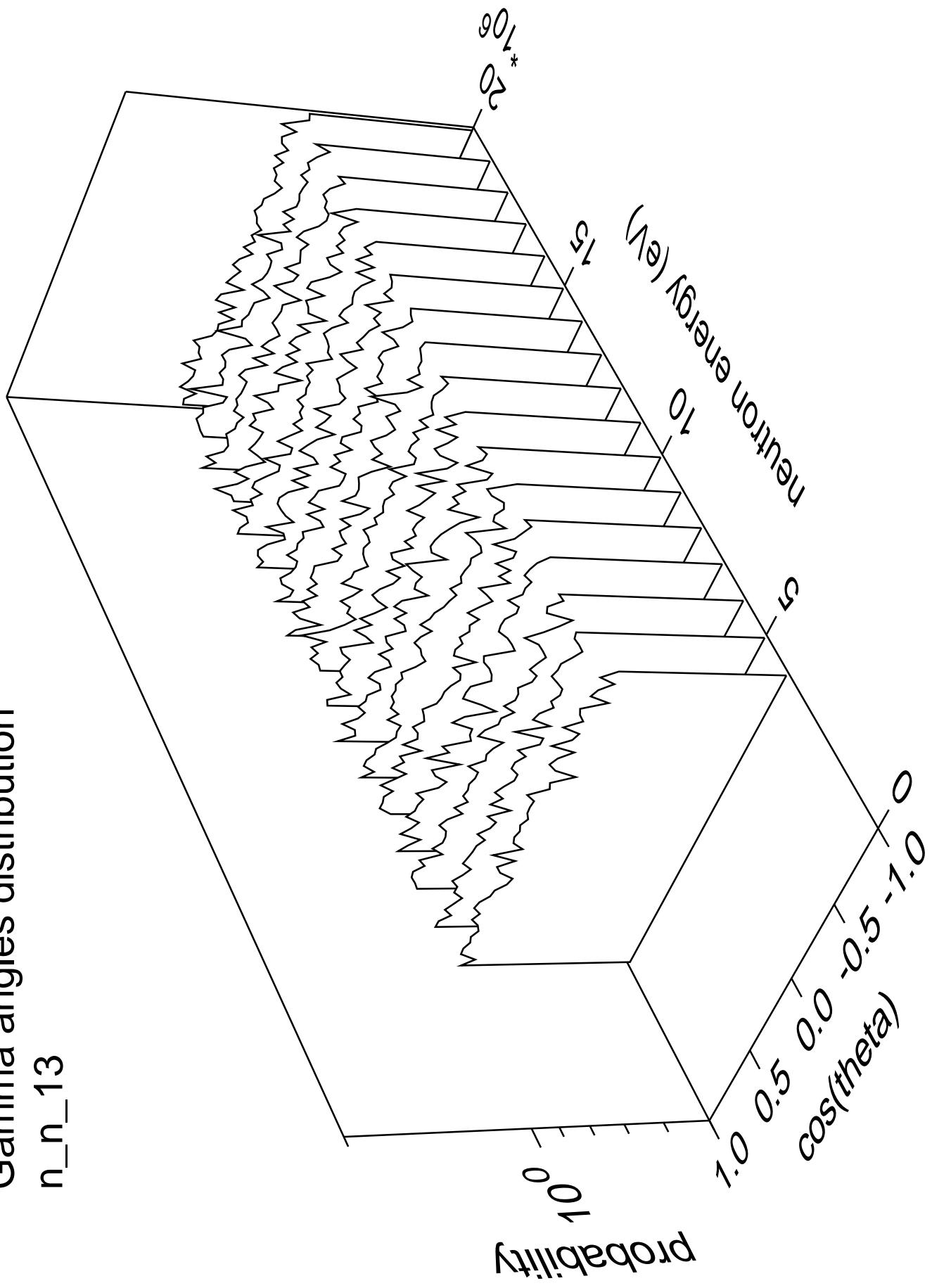
Gamma energy distribution

n_n_13

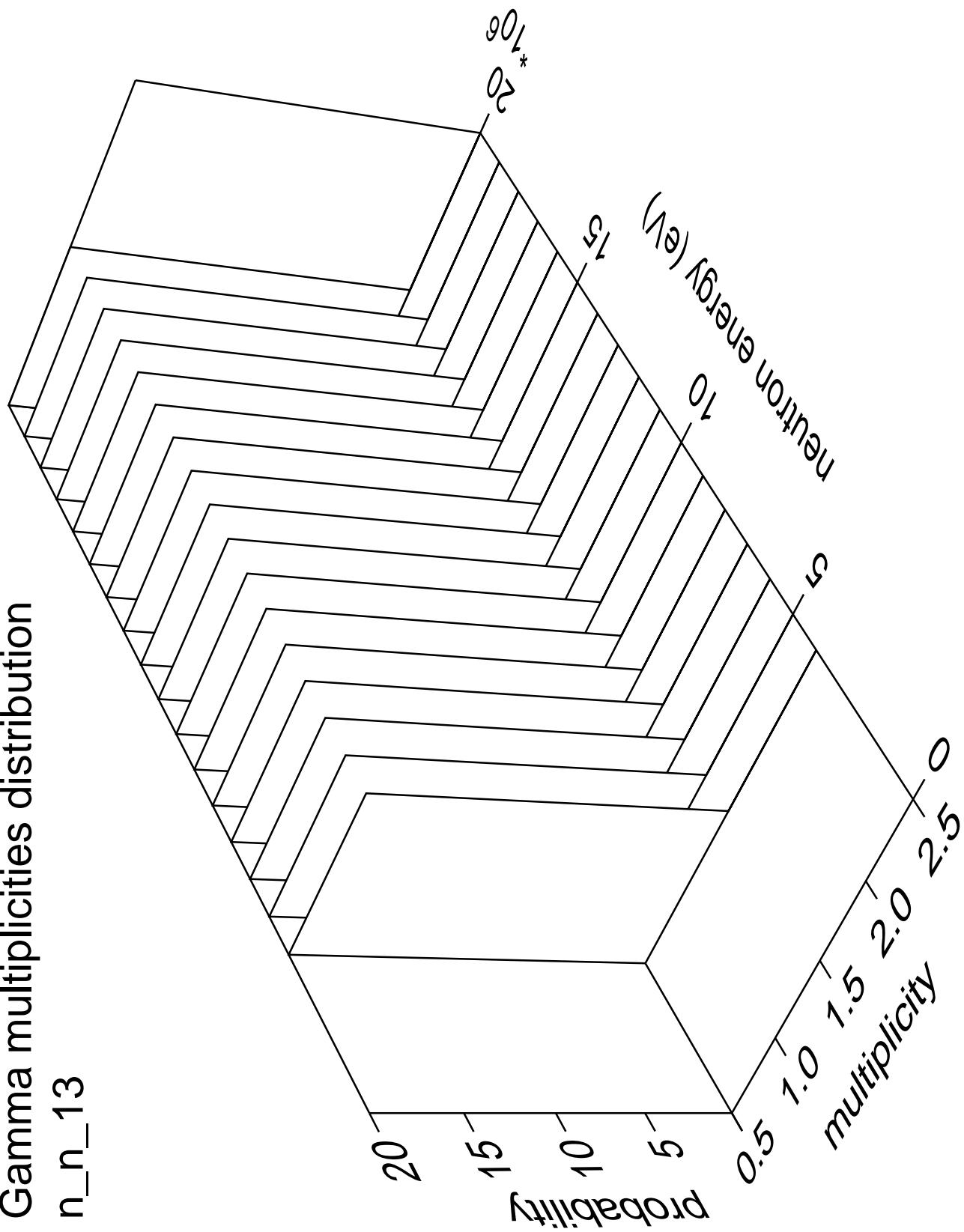


Gamma angles distribution

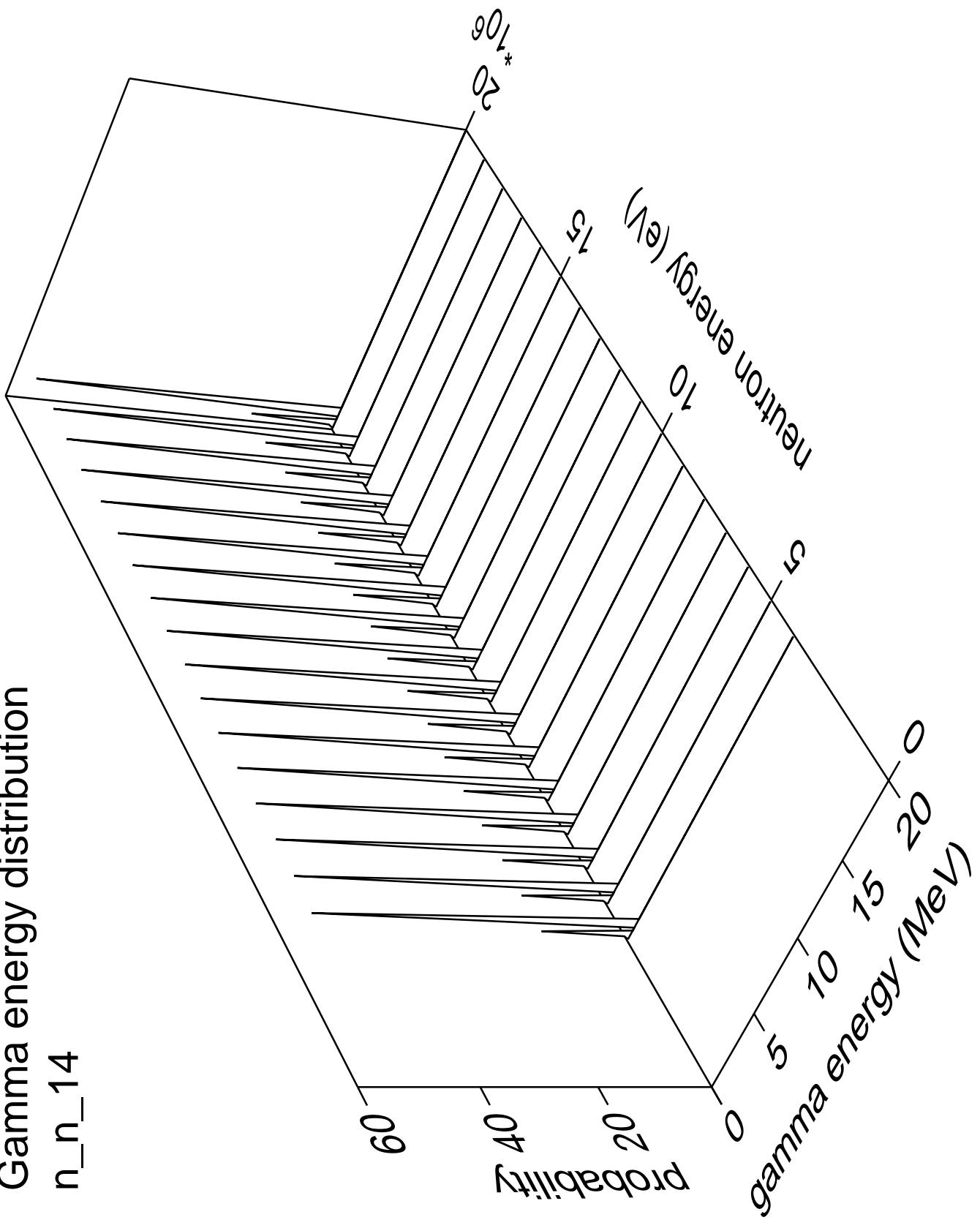
n_n_13



Gamma multiplicities distribution n_n_13

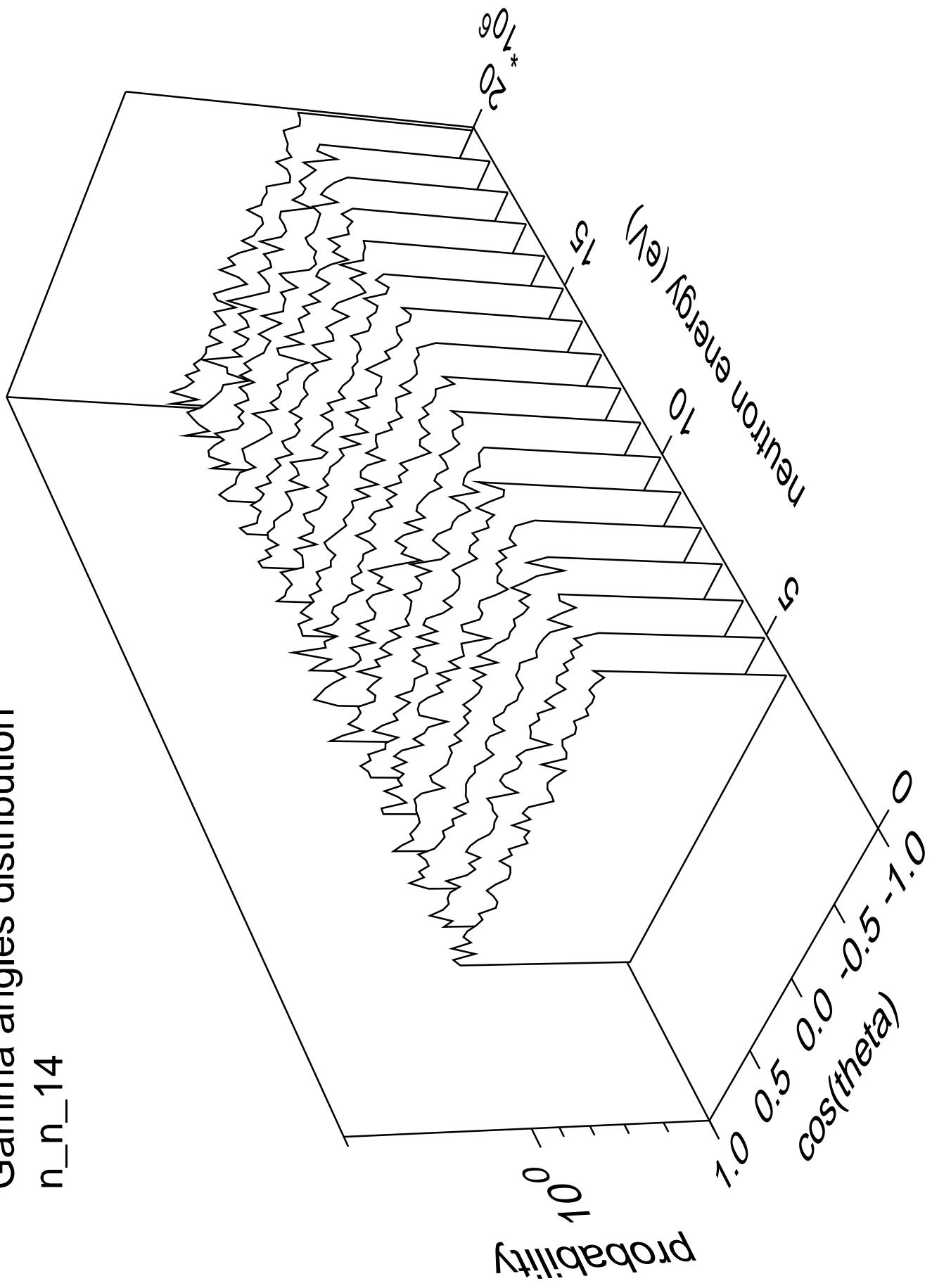


Gamma energy distribution n_n_14

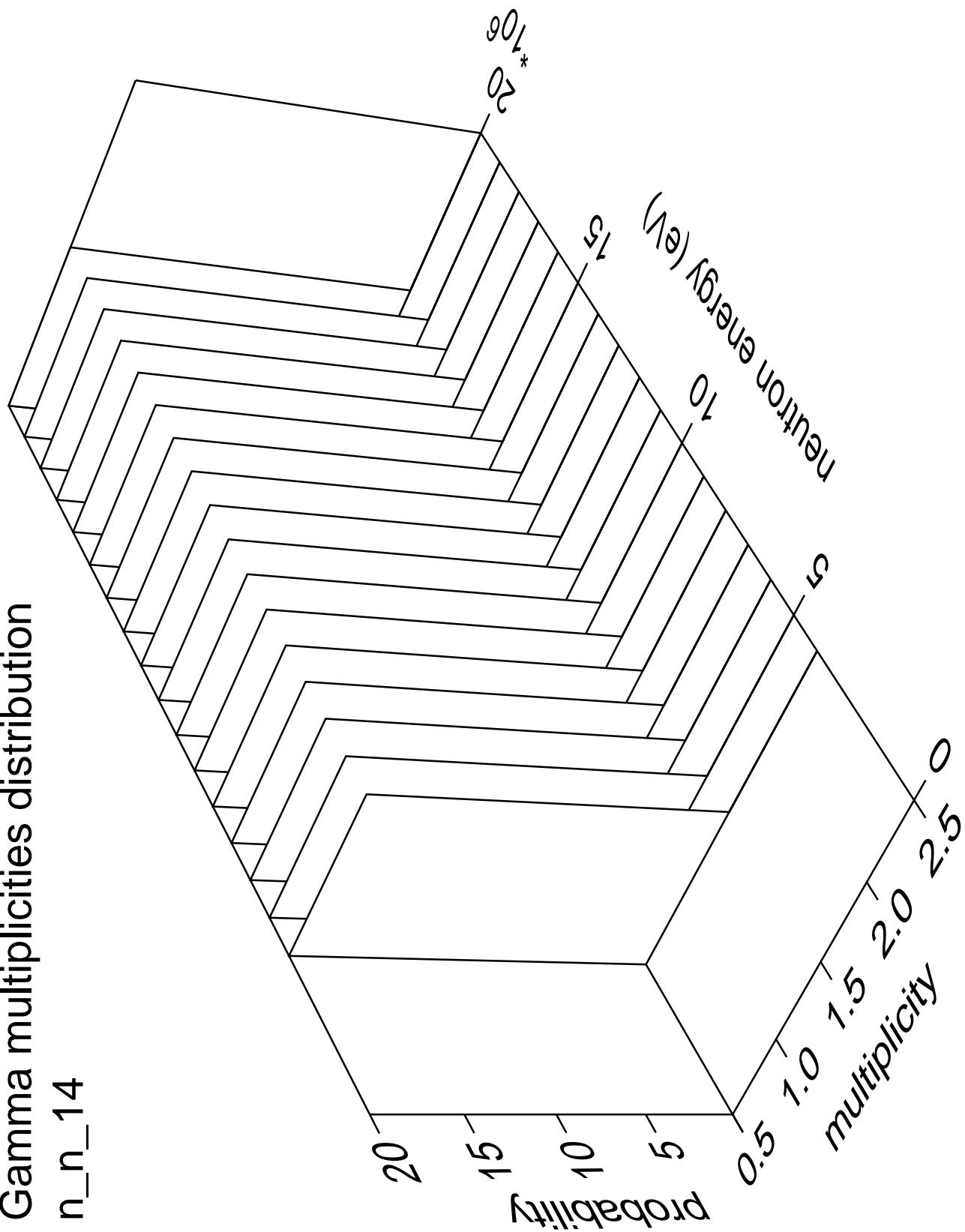


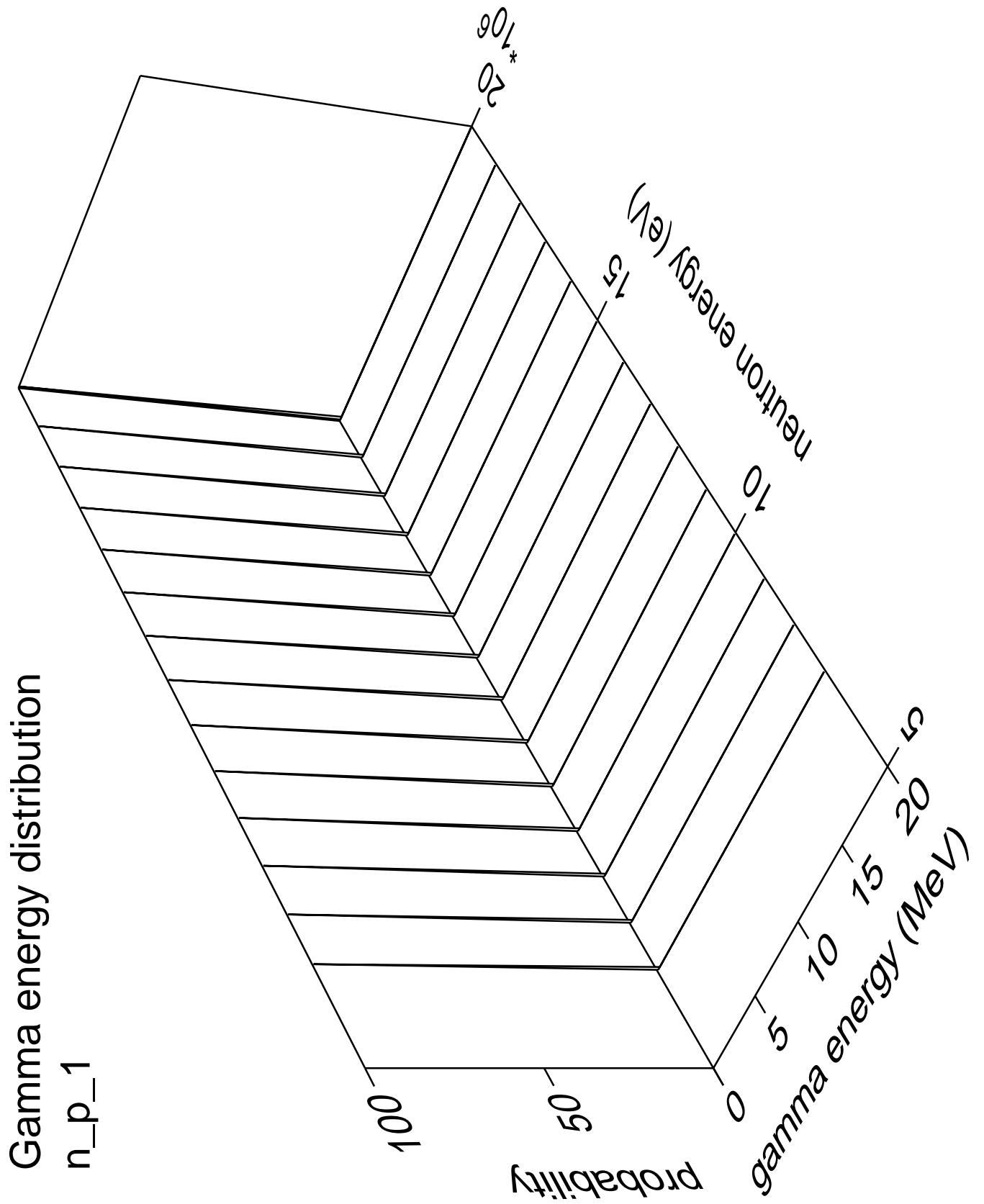
Gamma angles distribution

n_n_14



Gamma multiplicities distribution n_n_14





Gamma angles distribution

n_{p_1}

Probability

10^0

Neutron energy (eV)

10^6

20

15

10

5

2

1

0.5

0.2

0.1

0.05

0.02

0.01

0.005

0.002

0.001

0.0005

$\cos(\theta)$

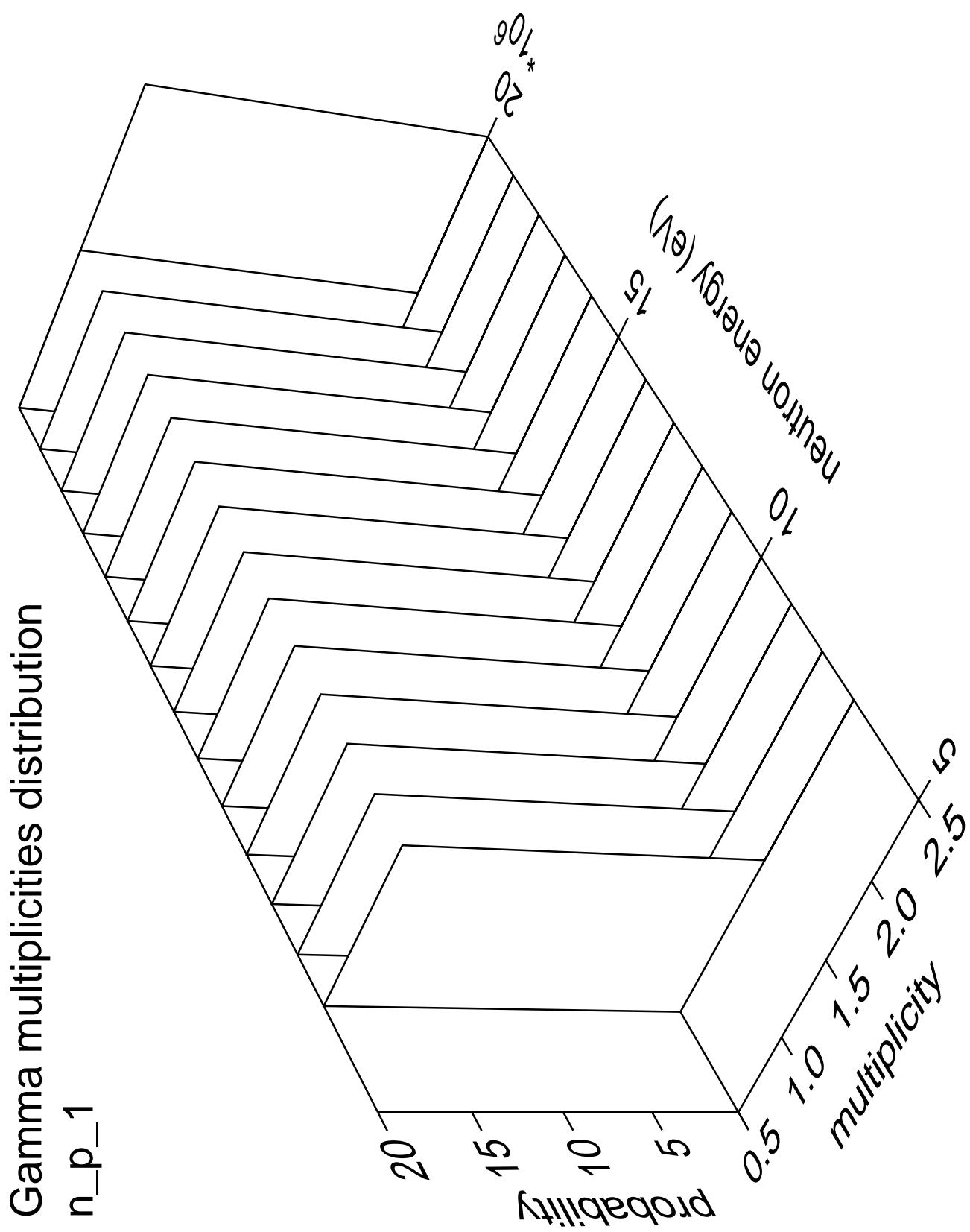
1.0

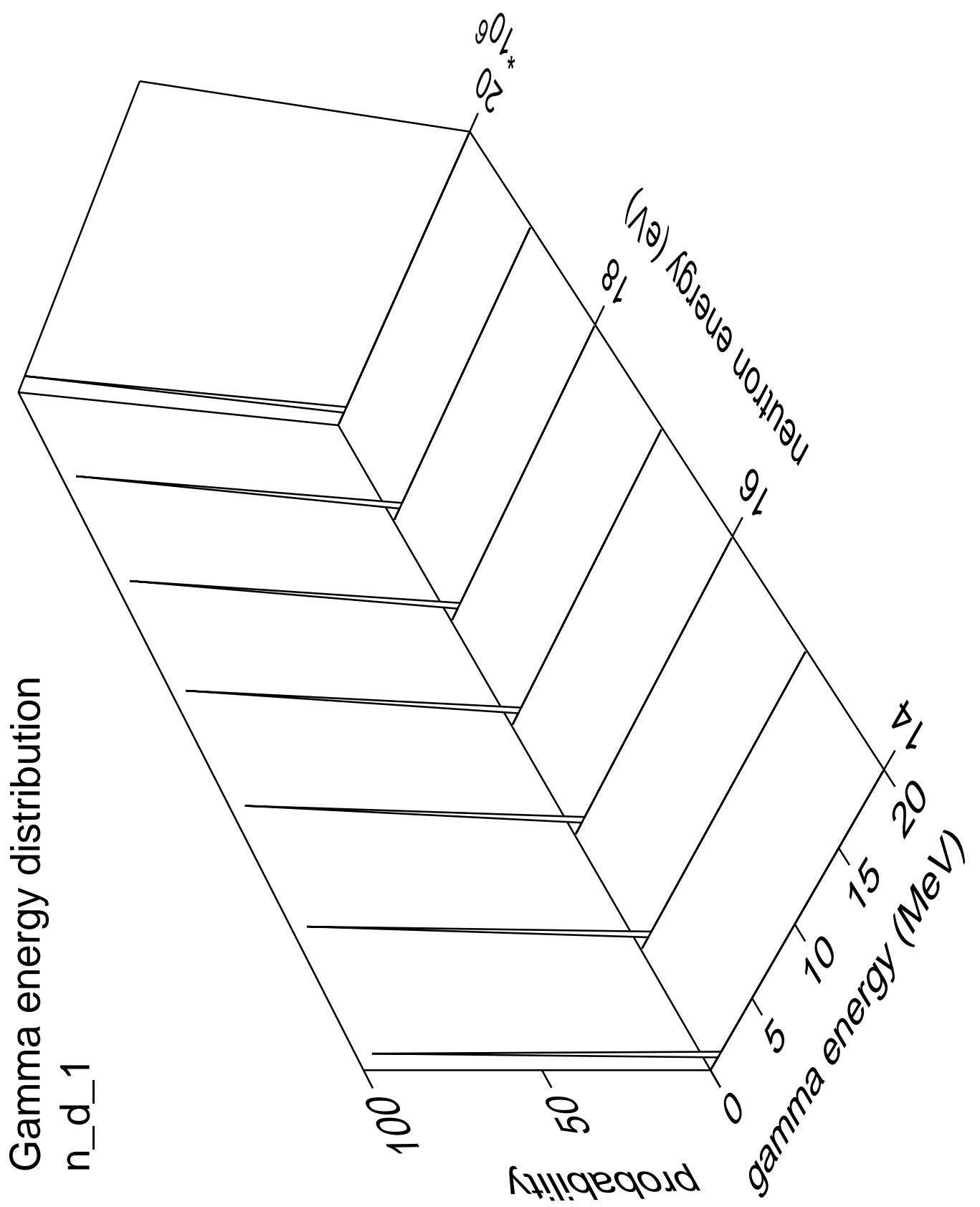
0.5

0.0

-0.5

-1.0





Gamma angles distribution

n_d_1

Probability

10^0

10⁻² 10⁻³

10⁻⁴

Neutron energy (eV)

10⁻⁶

10⁻⁶

$\cos(\theta)$

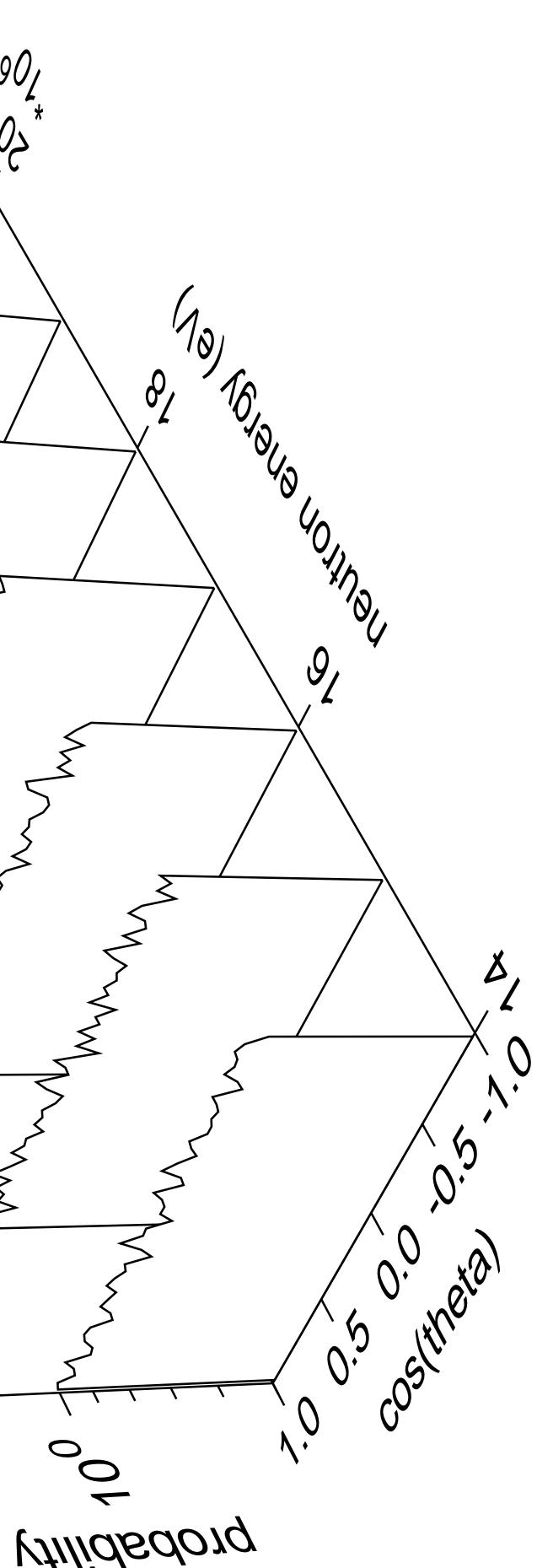
1.0

0.5

0.0

0.5

1.0



Gamma multiplicities distribution

n_{d_1}

Probability

multiplicity

Δ

2.5

2.0

1.5

1.0

0.5

Neutron energy (eV)

16

18

20

22

24

26

28

30

32

34

36

38

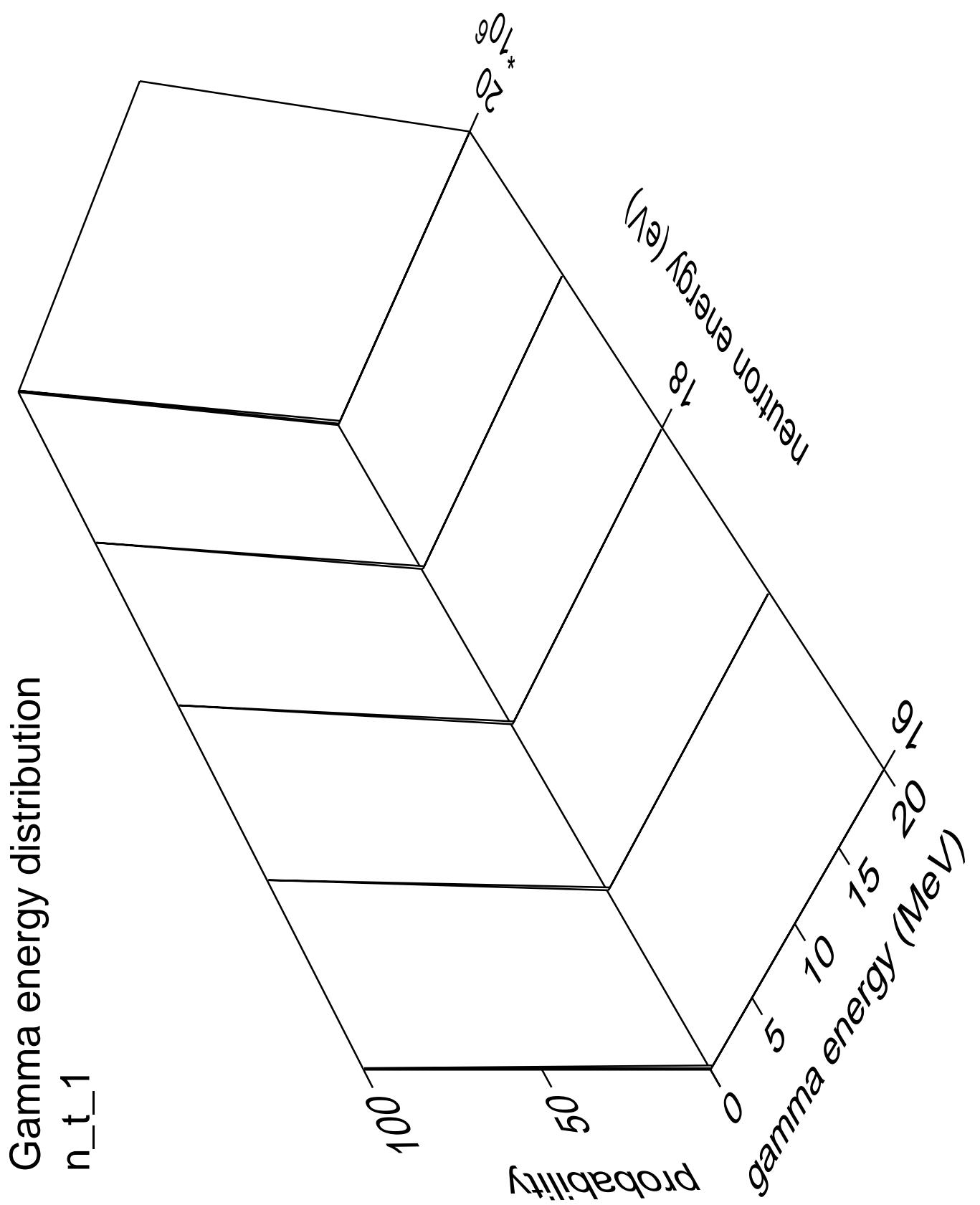
40

42

44

46

48

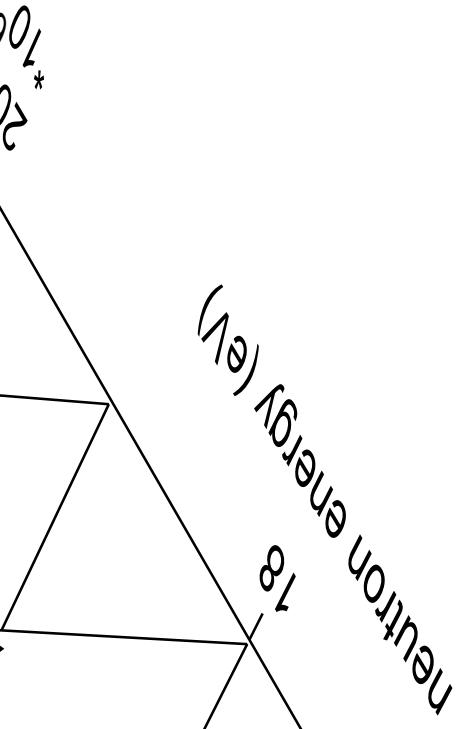


Gamma angles distribution

n_{t_1}

Probability

10^0



$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

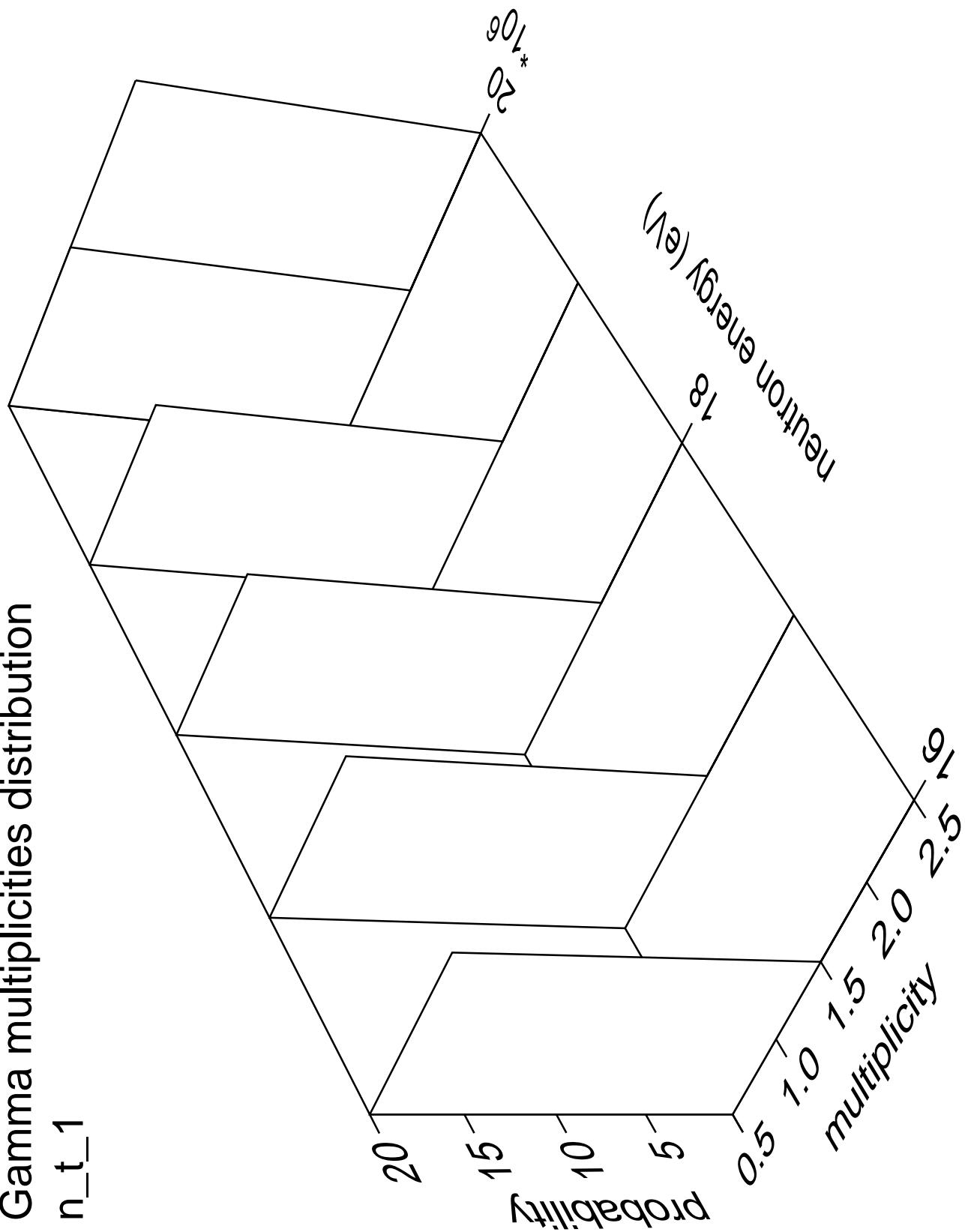
$\text{neutron energy (eV)}$

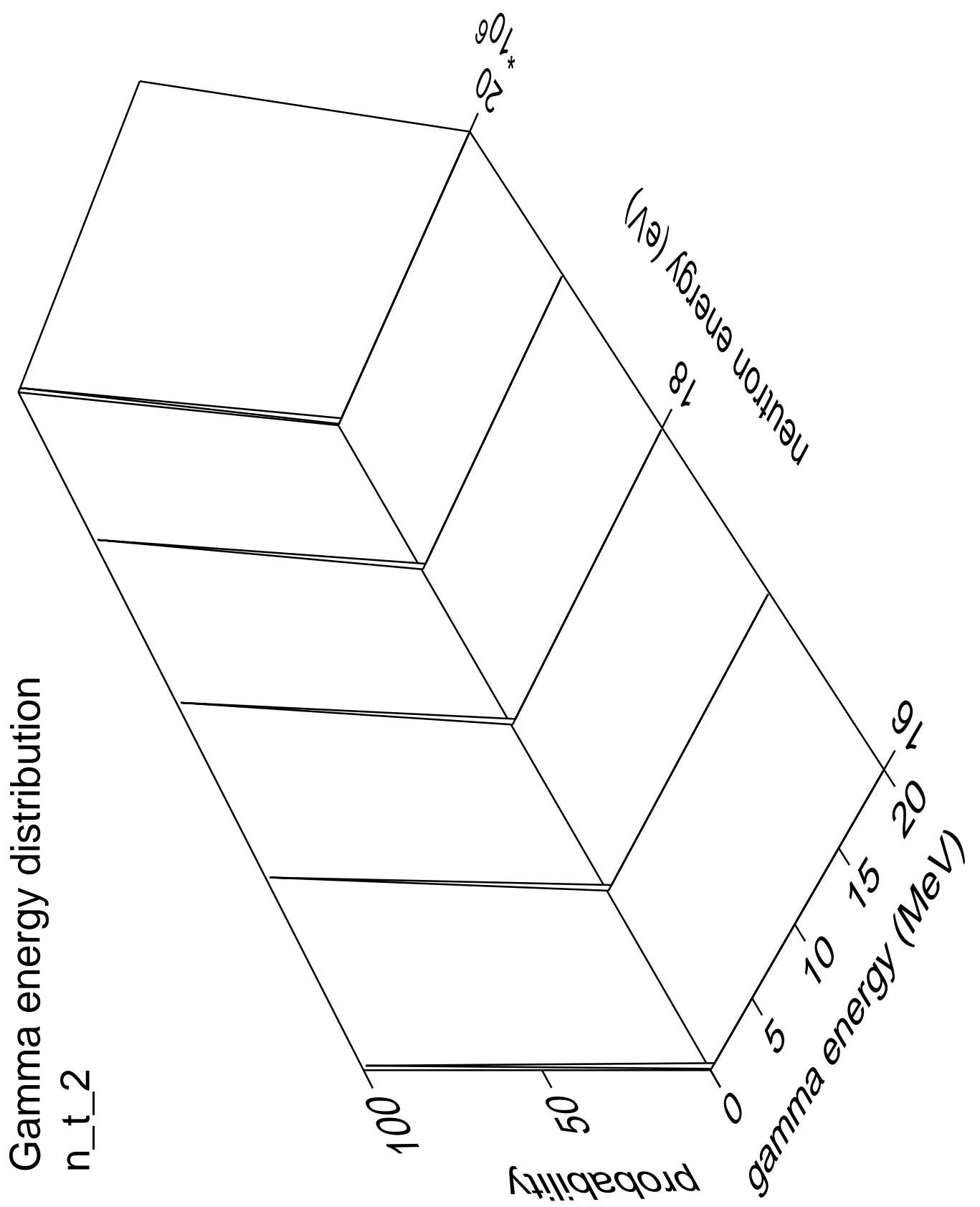
18

20

10

Gamma multiplicities distribution
 n_{t_1}





Gamma angles distribution

n_{t_2}

Probability

10^0

10^2

10^4

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

Neutron energy (eV)

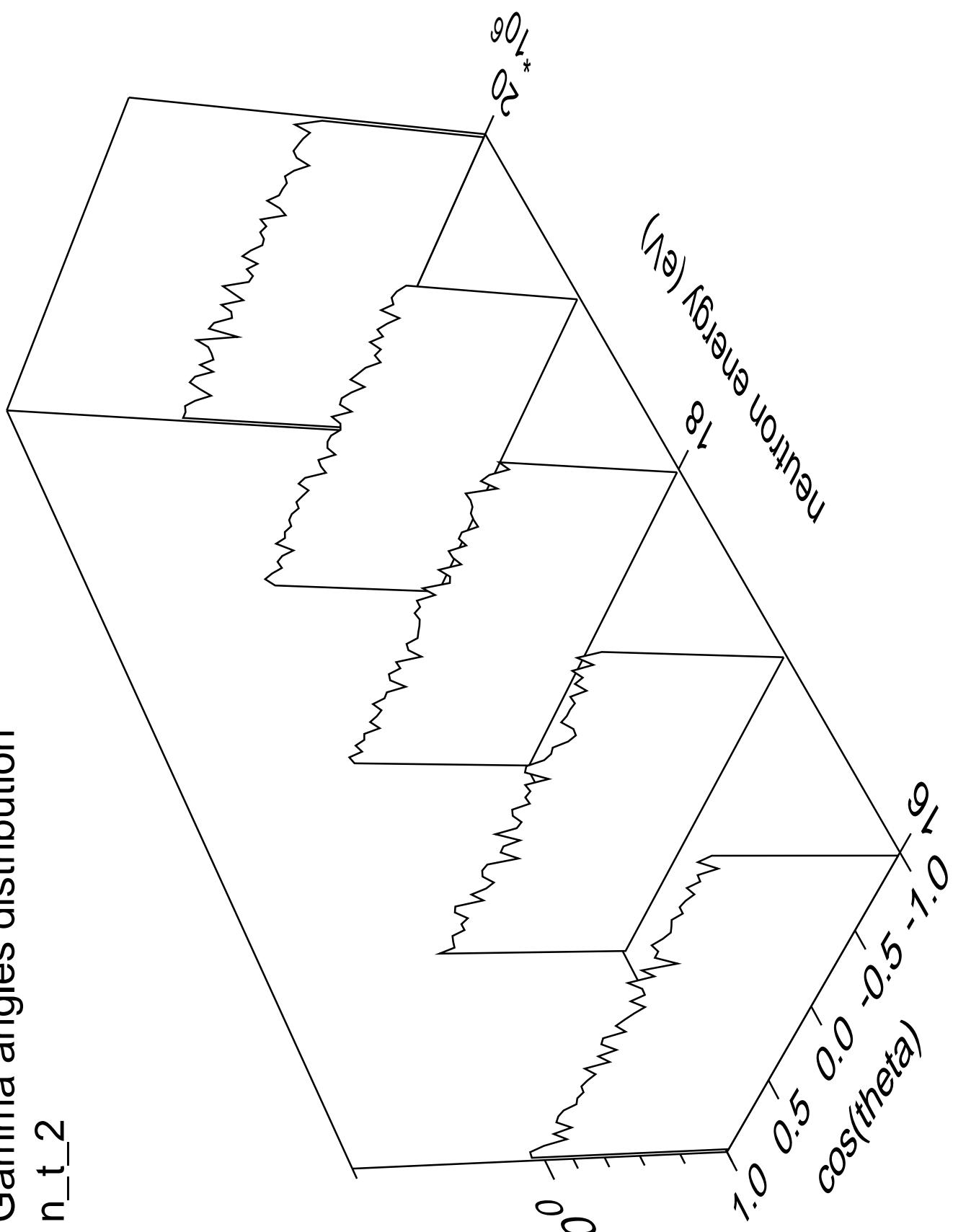
10^8

10^6

10^4

10^2

10^0



Gamma multiplicities distribution

n_{t_2}

Probability

5

10

15

20

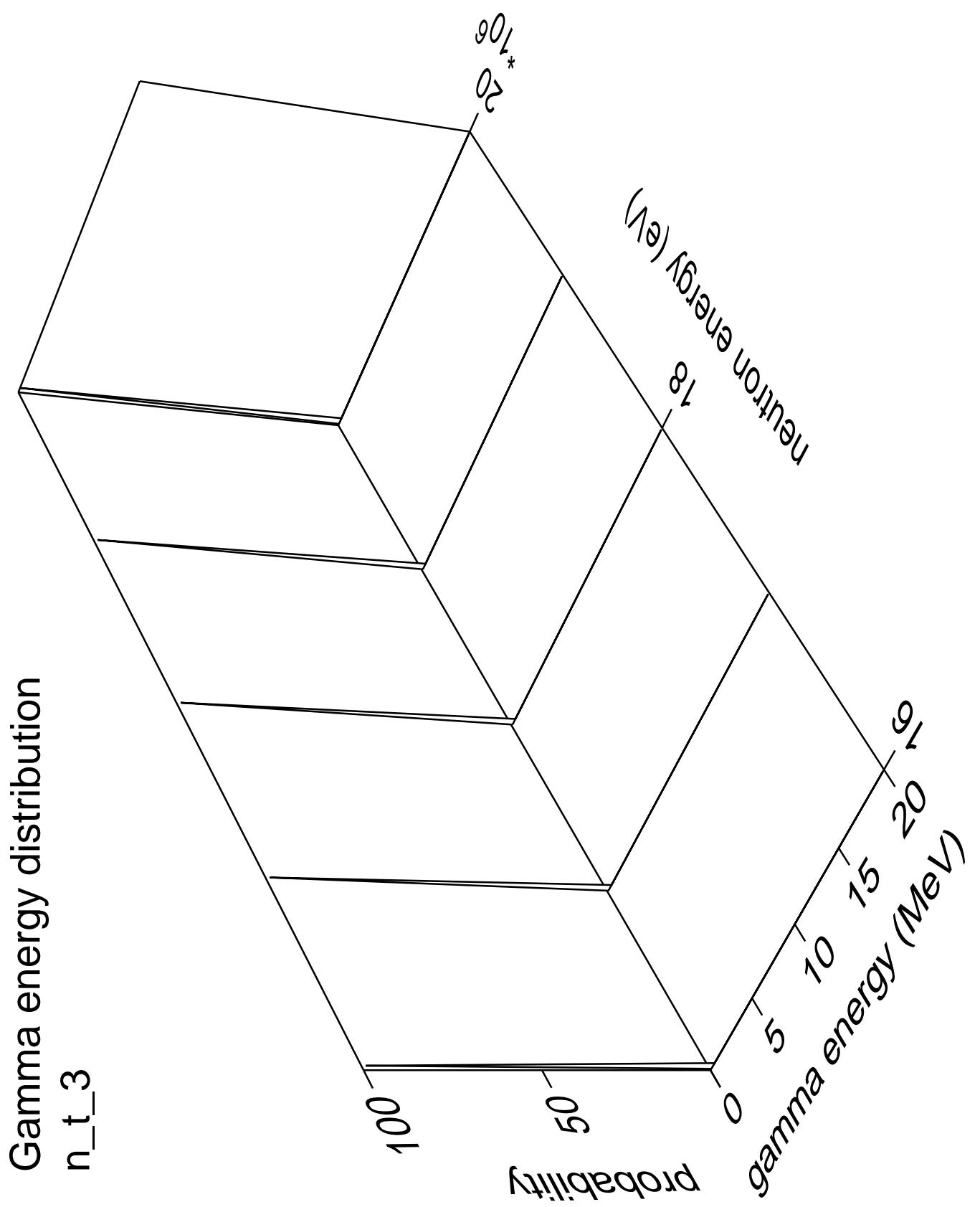
0

1.0
1.5
2.0
2.5

0.5
1.0
1.5
2.0
2.5

Neutron energy (eV)

10⁶
20^{*}
10⁶



Gamma angles distribution

$n_t 3$

Probability

10^0

10^2

10^6

$\cos(\theta)$

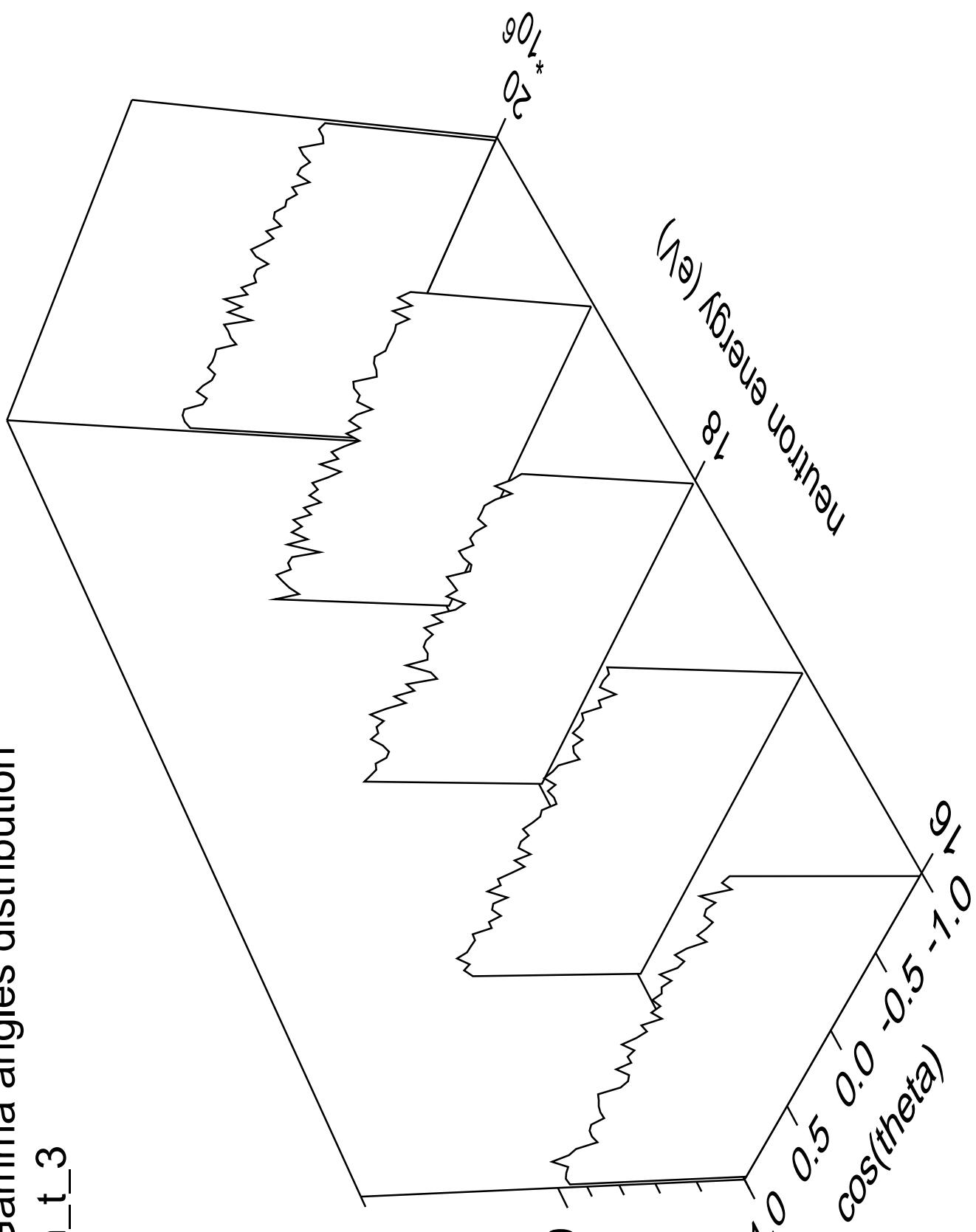
1.0 0.5 0.0 -0.5 -1.0

Neutron energy (eV)

10^8

10^2

10^6



Gamma multiplicities distribution

n_t_3

Probability

100

20

10

2

Neutron energy (eV)

10

2

0

multiplicity

0.5

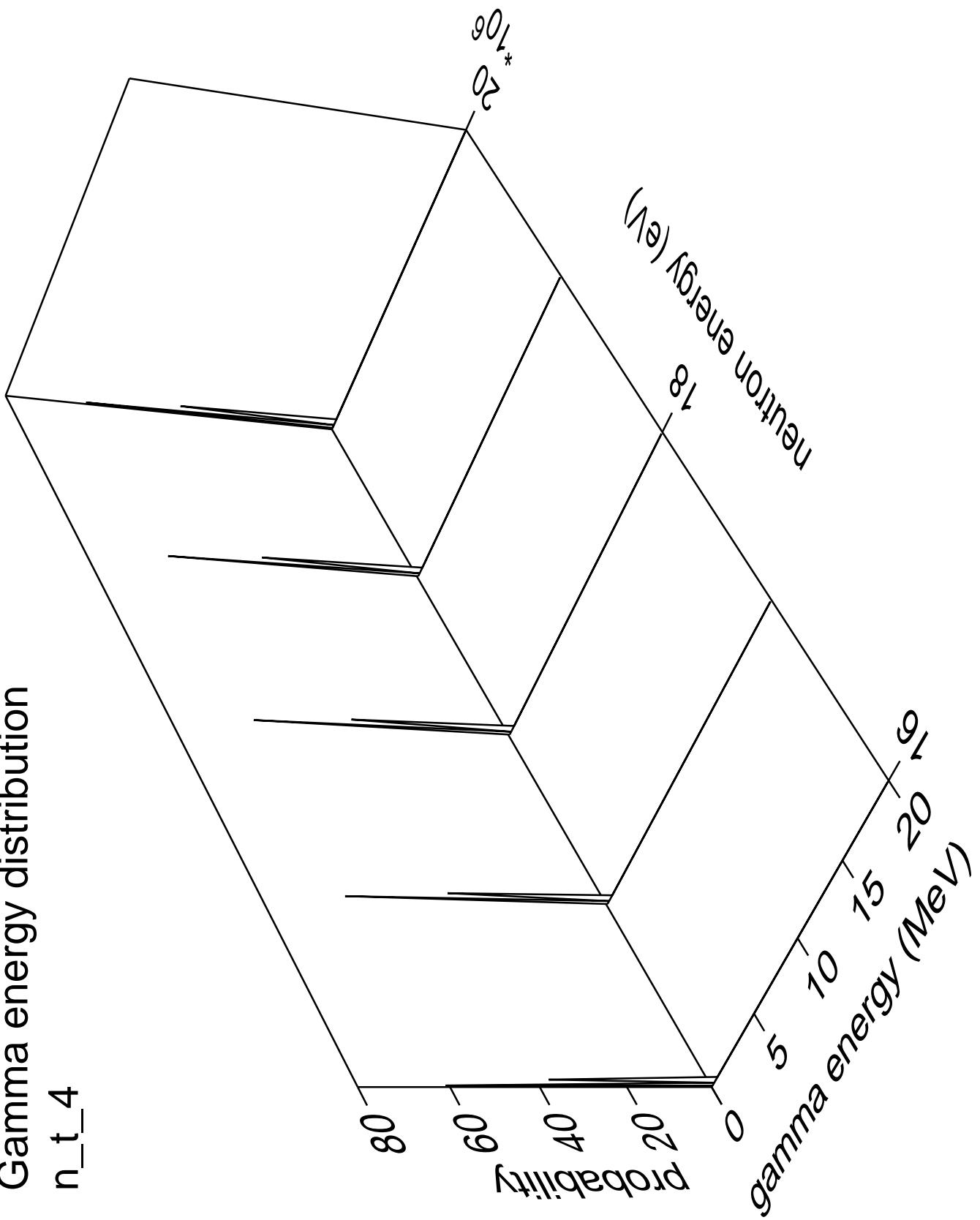
1.0

1.5

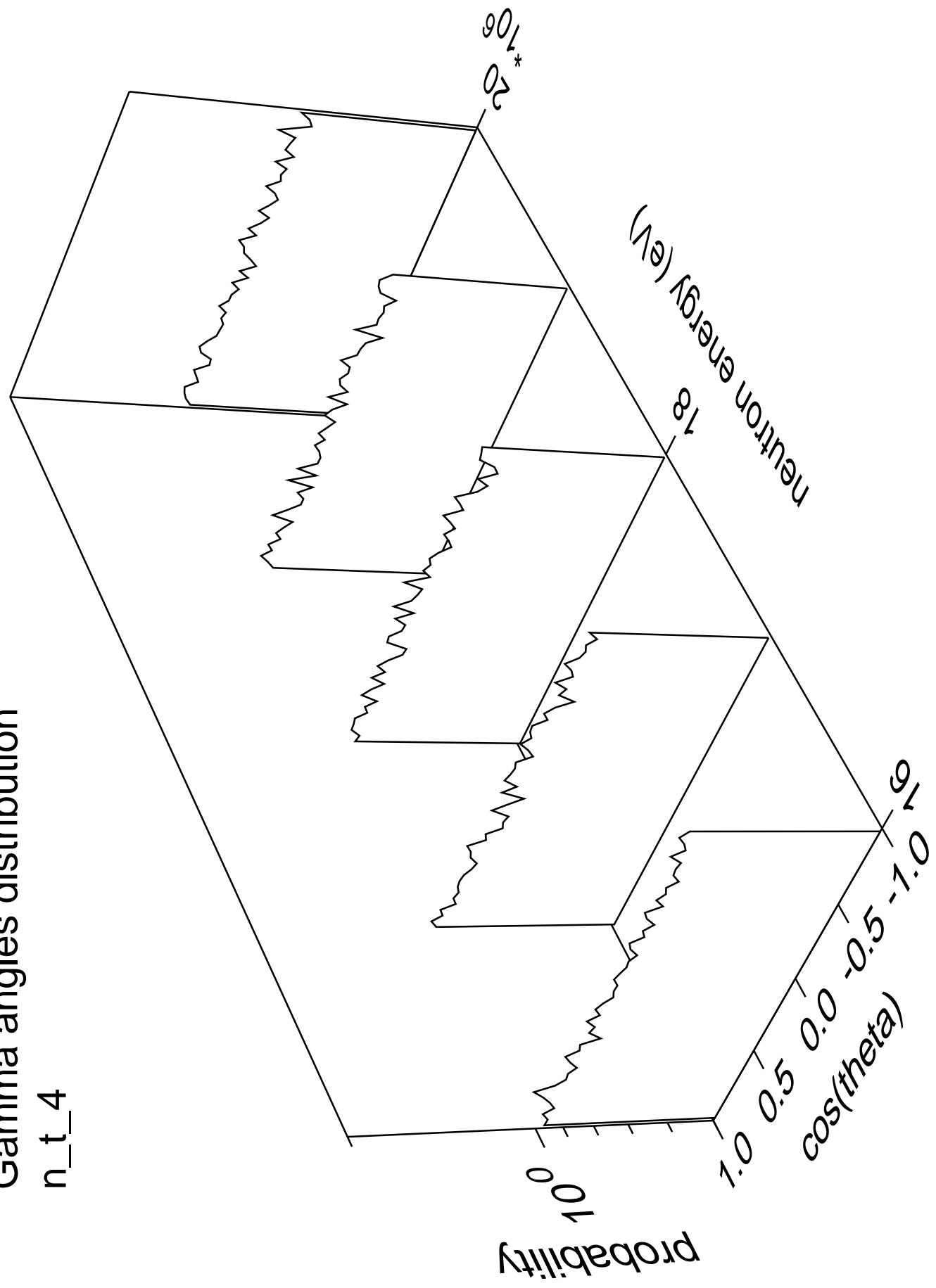
2.0

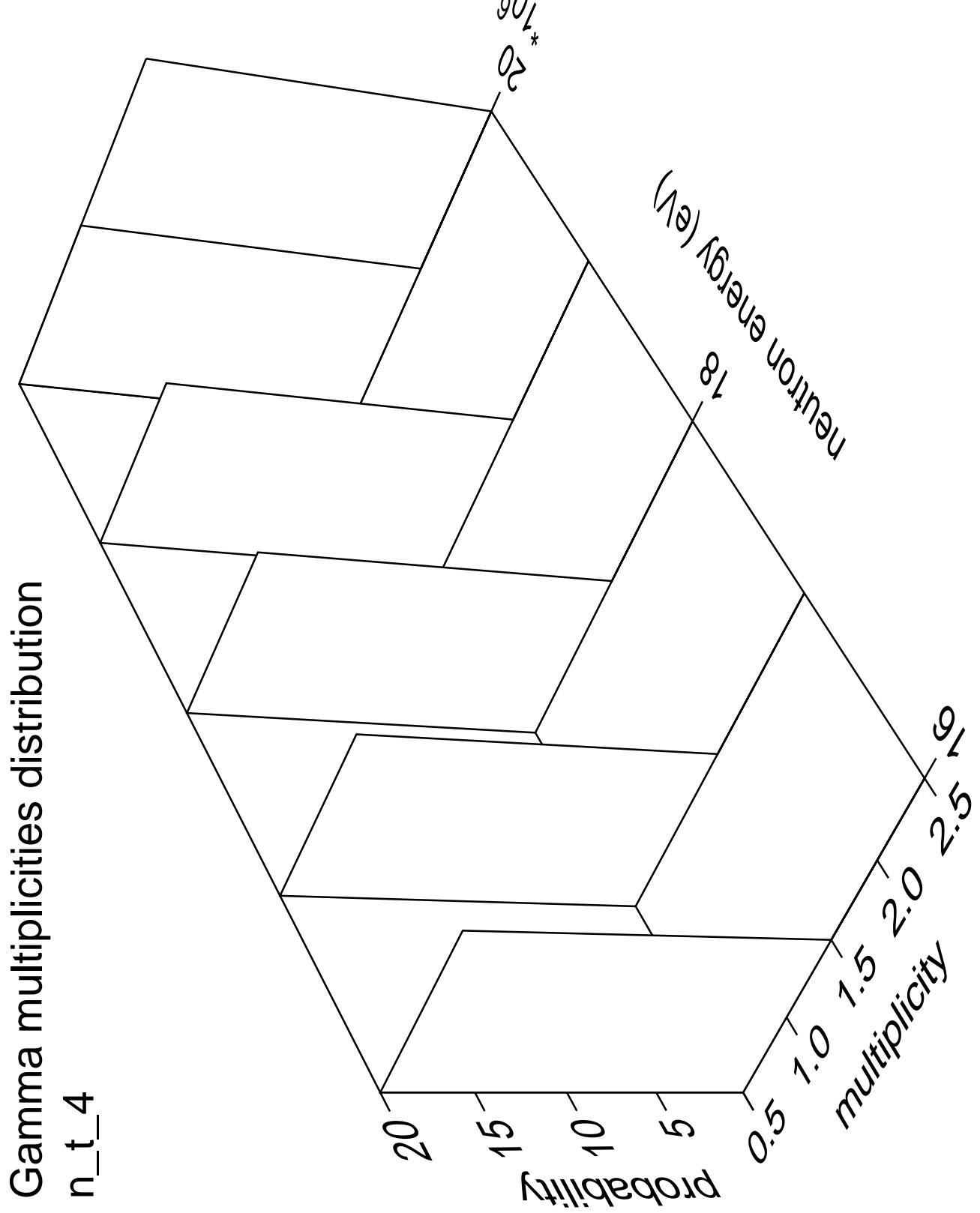
2.5

Gamma energy distribution n_t_4

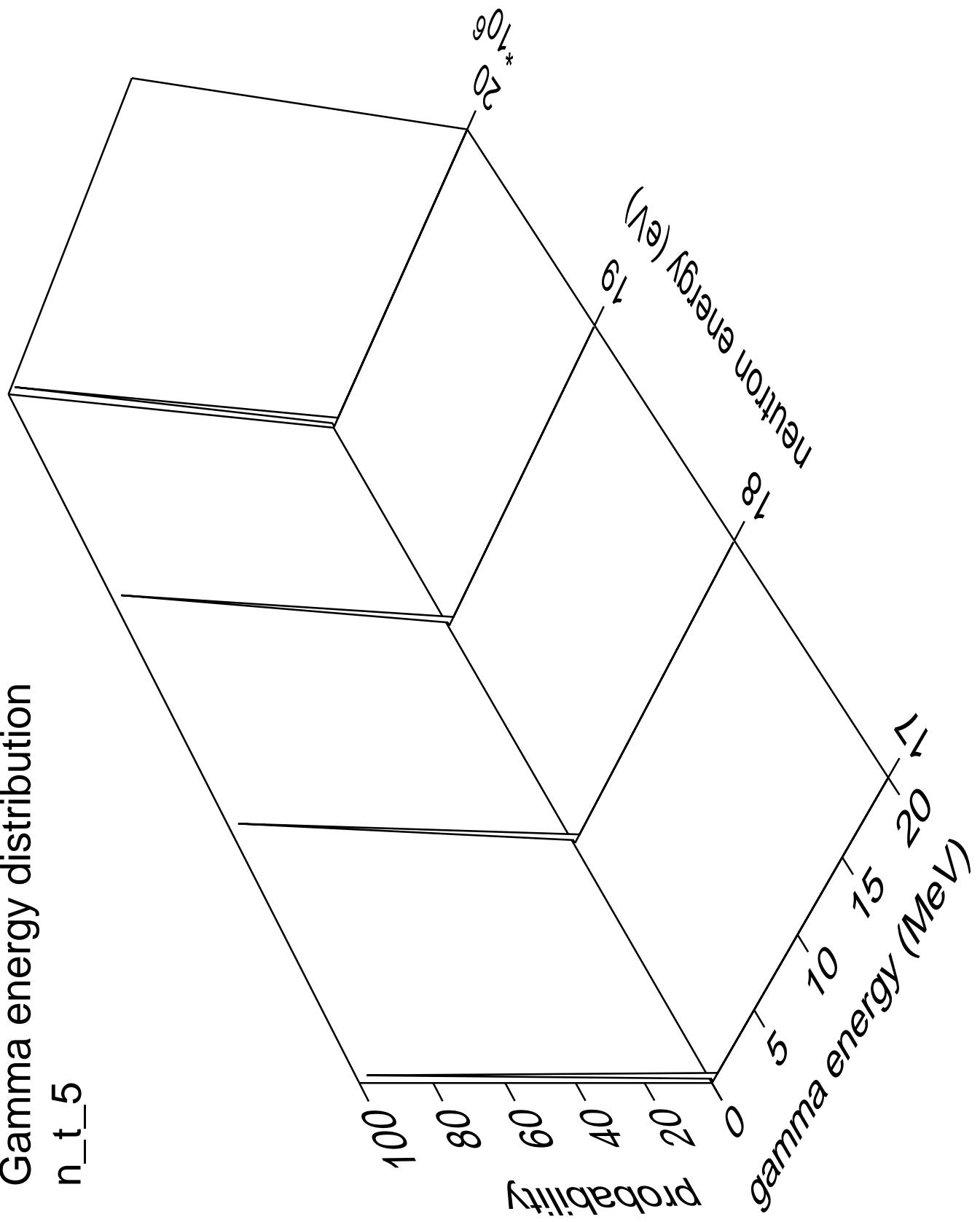


Gamma angles distribution
 $n_t 4$





Gamma energy distribution
n_t_5



Gamma angles distribution

n_t_5

Probability

10^0

10^6

10^2

10^{-2}

10^{-6}

10^{-10}

10^{-14}

10^{-18}

10^{-22}

10^{-26}

10^{-30}

10^{-34}

10^{-38}

10^{-42}

10^{-46}

10^{-50}

10^{-54}

10^{-58}

10^{-62}

10^{-66}

10^{-70}

10^{-74}

10^{-78}

10^{-82}

10^{-86}

10^{-90}

10^{-94}

10^{-98}

10^{-102}

10^{-106}

10^{-110}

10^{-114}

10^{-118}

10^{-122}

10^{-126}

10^{-130}

10^{-134}

10^{-138}

10^{-142}

10^{-146}

10^{-150}

10^{-154}

10^{-158}

10^{-162}

10^{-166}

10^{-170}

10^{-174}

10^{-178}

10^{-182}

10^{-186}

10^{-190}

10^{-194}

10^{-198}

10^{-202}

10^{-206}

10^{-210}

10^{-214}

10^{-218}

10^{-222}

10^{-226}

10^{-230}

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10^{-238}

10^{-242}

10^{-246}

10^{-250}

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10^{-266}

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10^{-334}

10^{-338}

10^{-342}

10^{-346}

10^{-350}

10^{-354}

10^{-358}

10^{-362}

10^{-366}

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10^{-386}

10^{-390}

10^{-394}

10^{-398}

10^{-402}

10^{-406}

10^{-410}

10^{-414}

10^{-418}

10^{-422}

10^{-426}

10^{-430}

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10^{-438}

10^{-442}

10^{-446}

10^{-450}

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10^{-466}

10^{-470}

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10^{-478}

10^{-482}

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10^{-490}

10^{-494}

10^{-498}

10^{-502}

10^{-506}

10^{-510}

10^{-514}

10^{-518}

10^{-522}

10^{-526}

10^{-530}

10^{-534}

10^{-538}

10^{-542}

10^{-546}

10^{-550}

10^{-554}

10^{-558}

10^{-562}

10^{-566}

10^{-570}

10^{-574}

10^{-578}

10^{-582}

10^{-586}

10^{-590}

10^{-594}

10^{-598}

10^{-602}

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10^{-610}

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10^{-638}

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10^{-662}

10^{-666}

10^{-670}

10^{-674}

10^{-678}

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10^{-706}

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10^{-714}

10^{-718}

10^{-722}

10^{-726}

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10^{-734}

10^{-738}

10^{-742}

10^{-746}

10^{-750}

10^{-754}

10^{-758}

10^{-762}

10^{-766}

10^{-770}

10^{-774}

10^{-778}

10^{-782}

10^{-786}

10^{-790}

10^{-794}

10^{-798}

10^{-802}

10^{-806}

10^{-810}

10^{-814}

10^{-818}

10^{-822}

10^{-826}

10^{-830}

10^{-834}

10^{-838}

10^{-842}

10^{-846}

10^{-850}

10^{-854}

10^{-858}

10^{-862}

10^{-866}

10^{-870}

10^{-874}

10^{-878}

10^{-882}

10^{-886}

10^{-890}

10^{-894}

10^{-898}

10^{-902}

10^{-906}

10^{-910}

10^{-914}

10^{-918}

10^{-922}

10^{-926}

10^{-930}

10^{-934}

10^{-938}

10^{-942}

10^{-946}

10^{-950}

10^{-954}

10^{-958}

10^{-962}

10^{-966}

10^{-970}

10^{-974}

10^{-978}

10^{-982}

10^{-986}

10^{-990}

10^{-994}

10^{-998}

10^{-1002}

10^{-1006}

10^{-1010}

10^{-1014}

10^{-1018}

10^{-1022}

10^{-1026}

10^{-1030}

10^{-1034}

10^{-1038}

Gamma multiplicities distribution

n_t_5

20

15

10

5

0.5

Probability

2.0
1.5
1.0
0.5

2.5
1

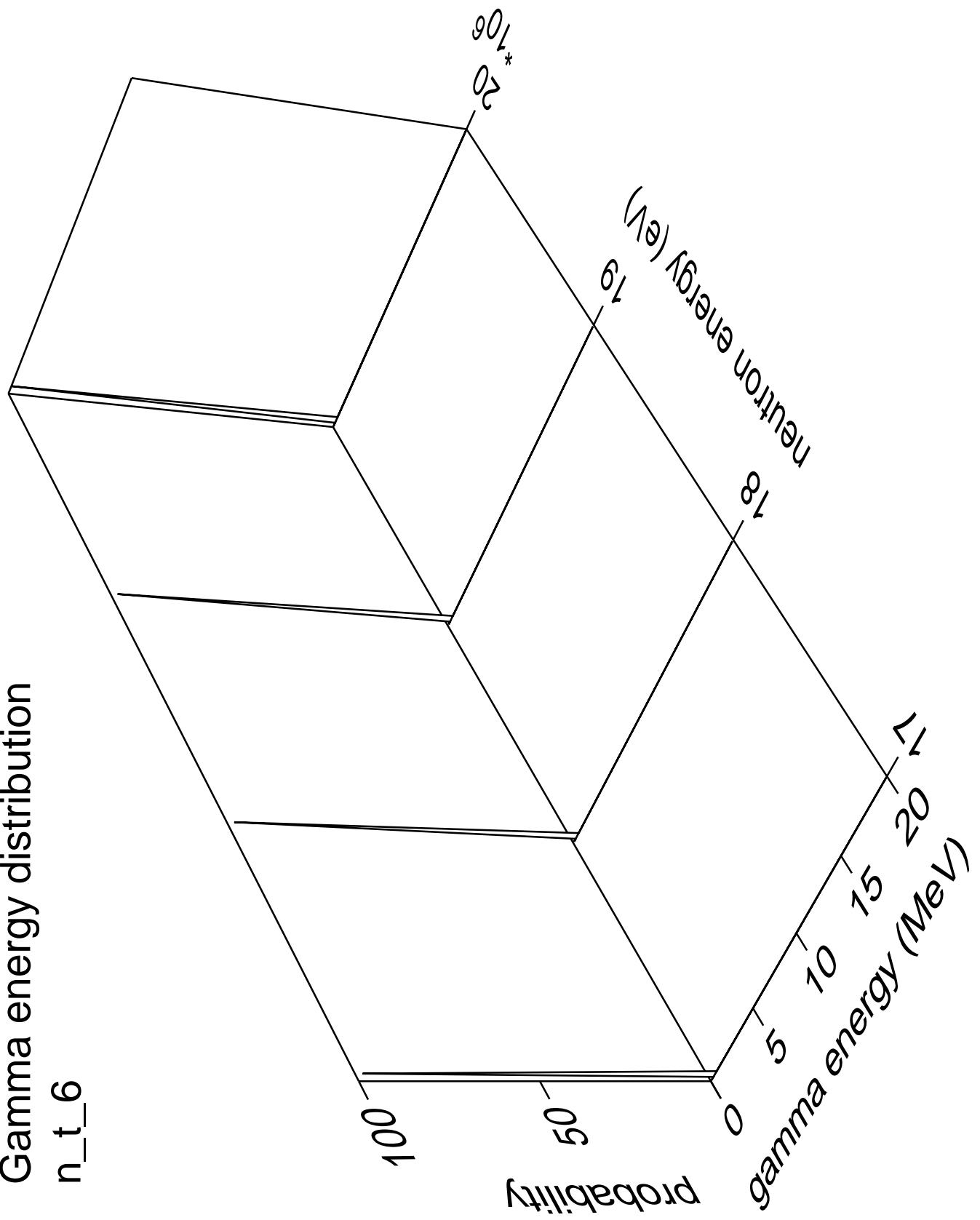
multiplicity

Neutron energy (eV)

100
20
10

19
18

Gamma energy distribution
n_t_6



Gamma angles distribution

n_t_6

Probability

10^0

10^6

10^2

10^{-1}

10^{-2}

10^{-3}

10^{-4}

10^{-5}

10^{-6}

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

neutron energy (eV)

∞

10^6

10^2

10^{-1}

10^{-2}

10^{-3}

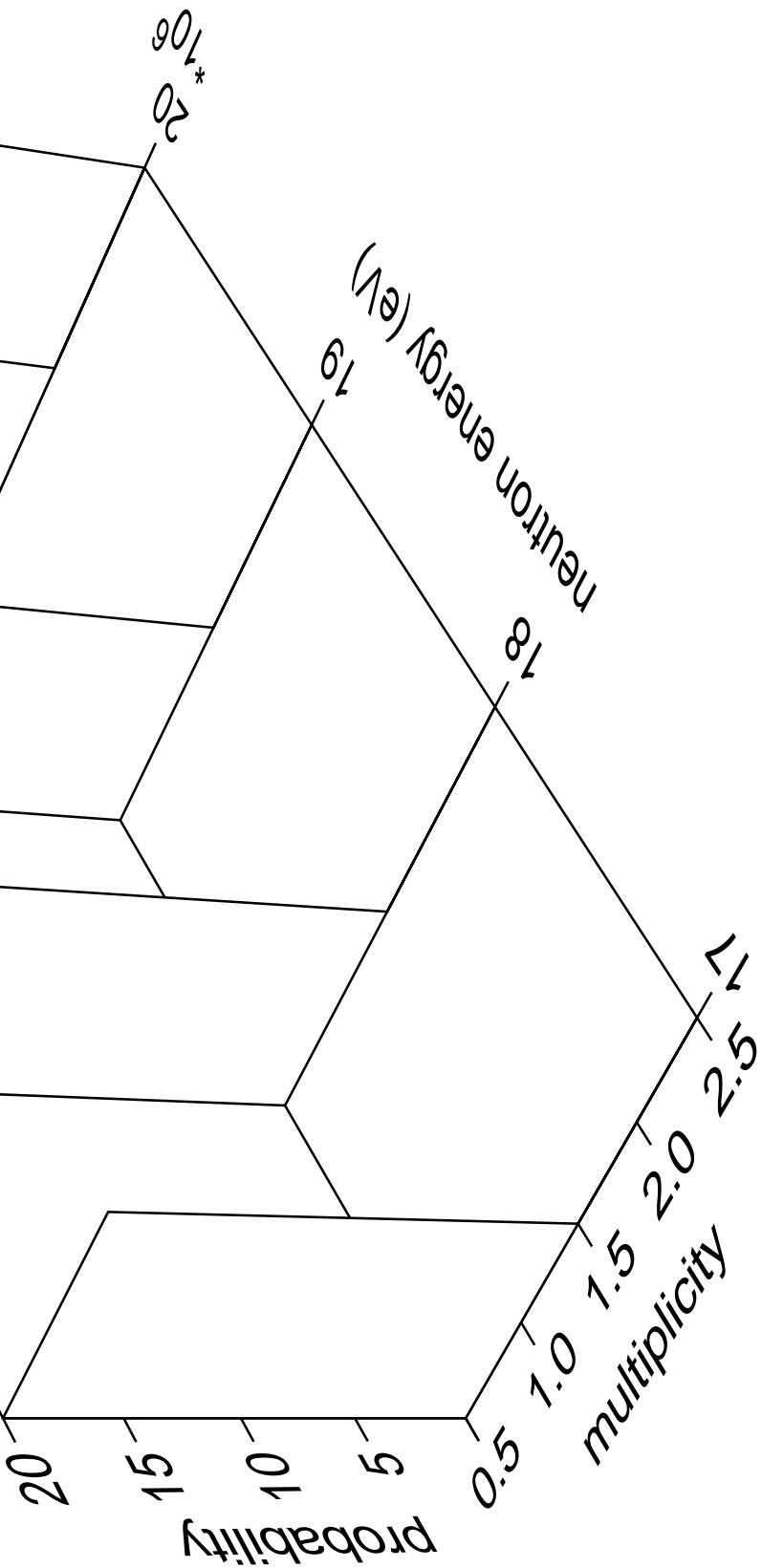
10^{-4}

10^{-5}

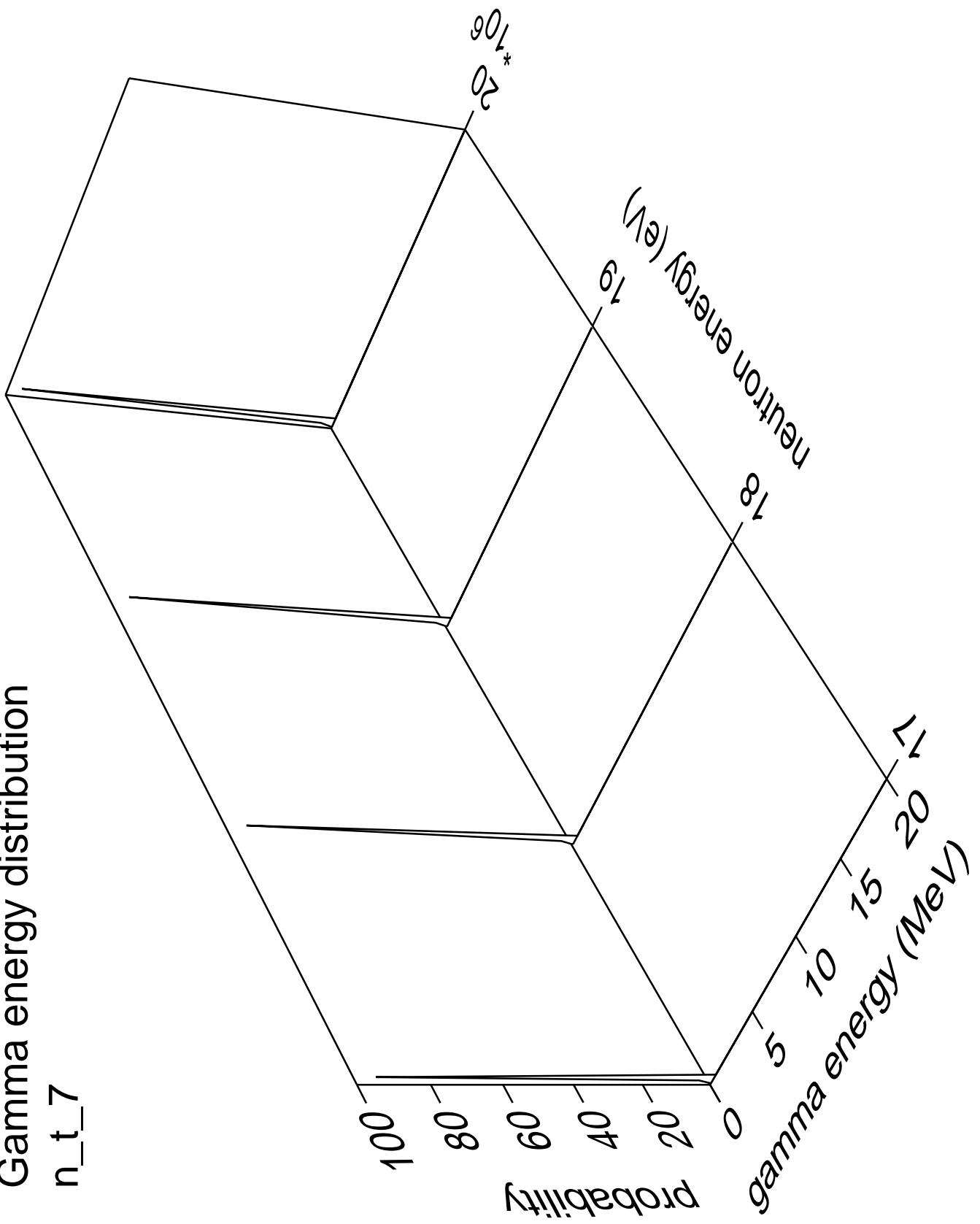
10^{-6}

Gamma multiplicities distribution

n_t_6



Gamma energy distribution
n_t_7



Gamma angles distribution

n_t_7

Probability

10^0

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

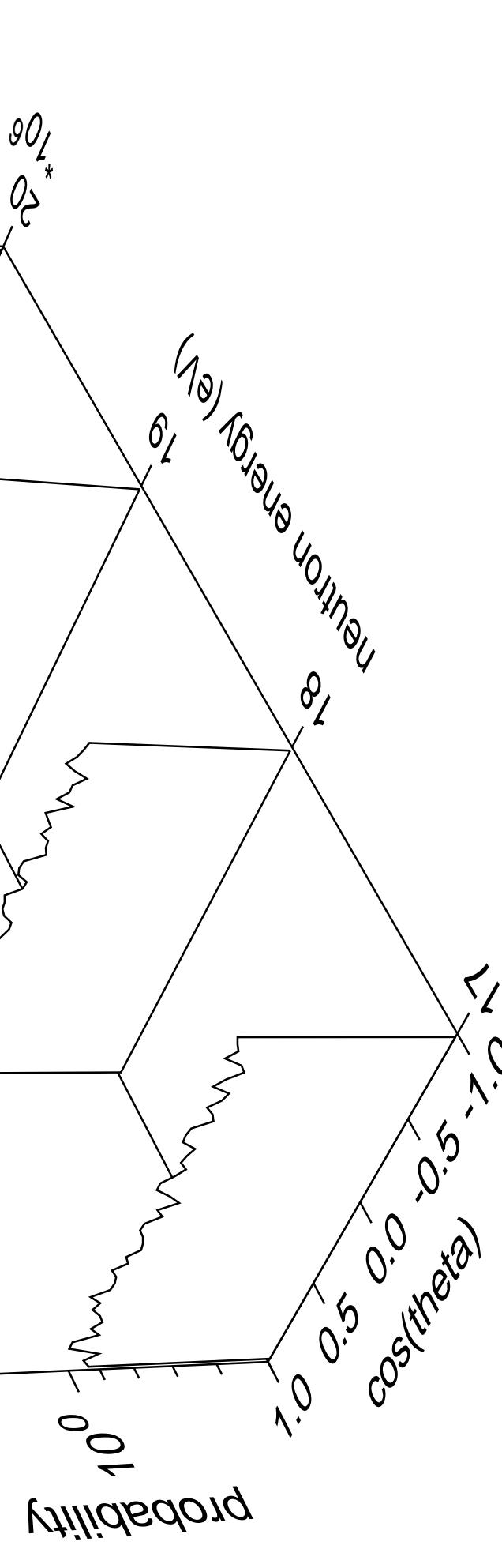
Neutron energy (eV)

∞

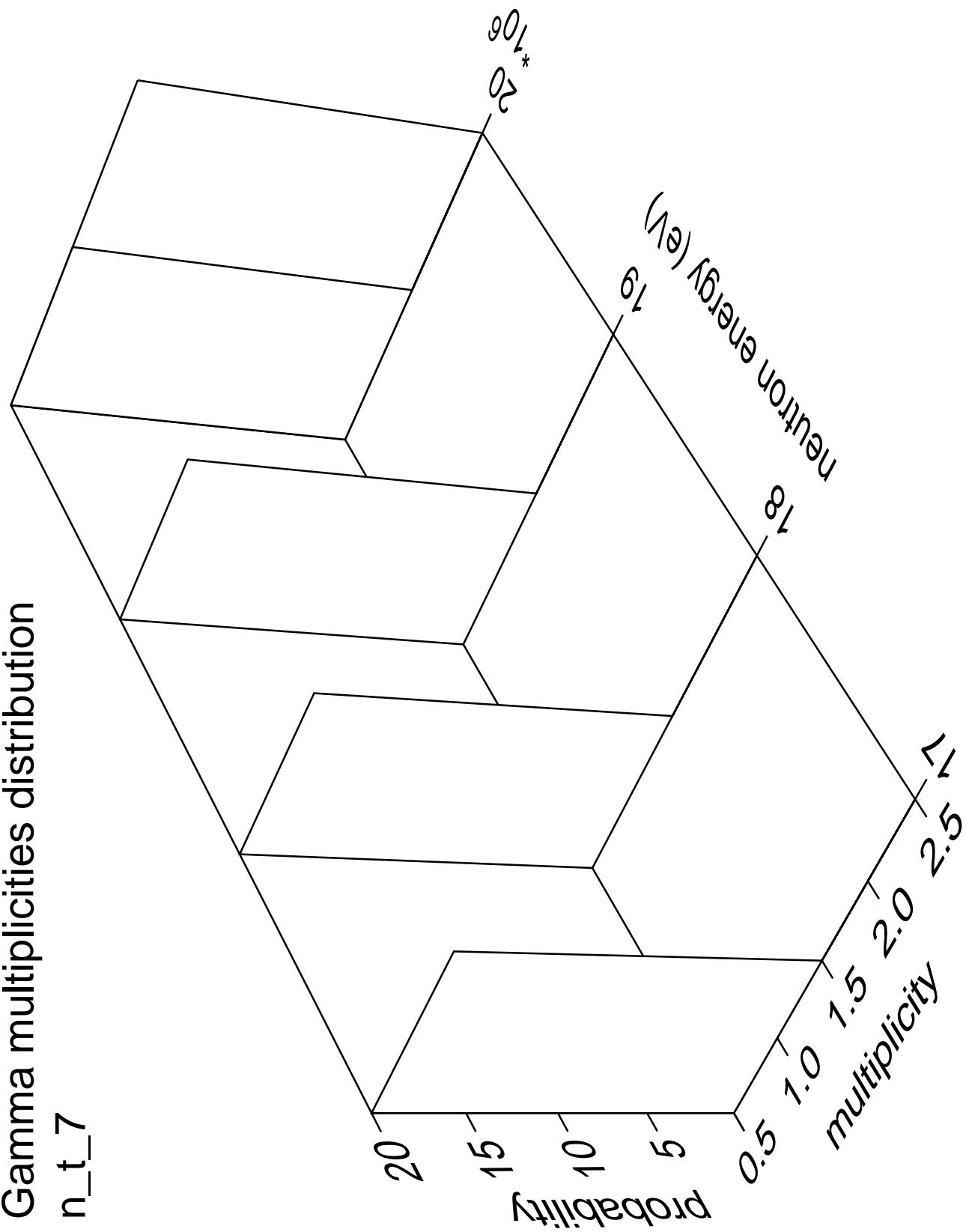
10^0

20

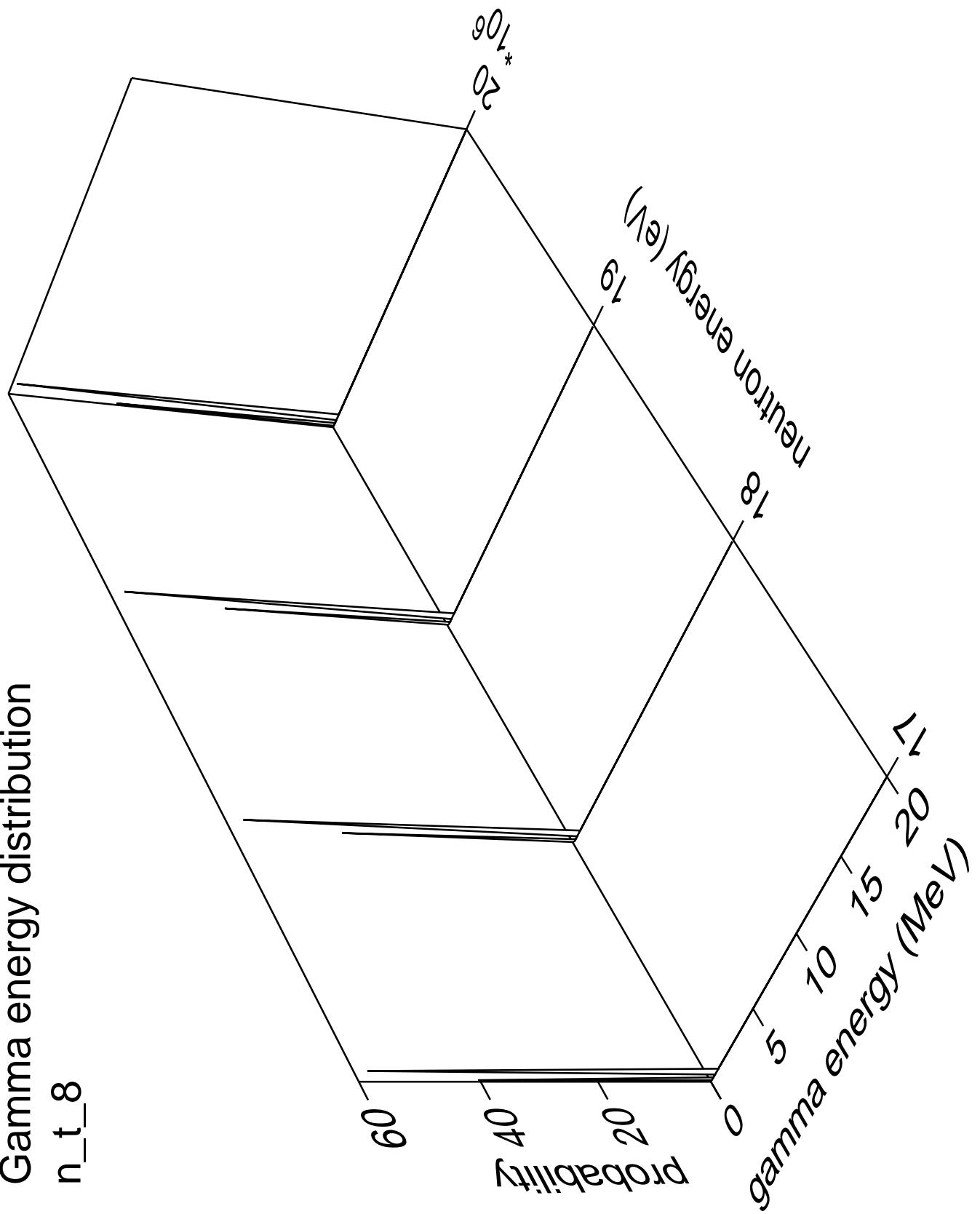
100



Gamma multiplicities distribution



Gamma energy distribution
n_t_8



Gamma angles distribution
 n_{t_8}

Probability

10^0

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

Neutron energy (eV)

10^0

20

100

Gamma multiplicities distribution

n_t_8

Probability

Multiplicity

0.5

1.0

1.5

2.0

2.5

1

0

1

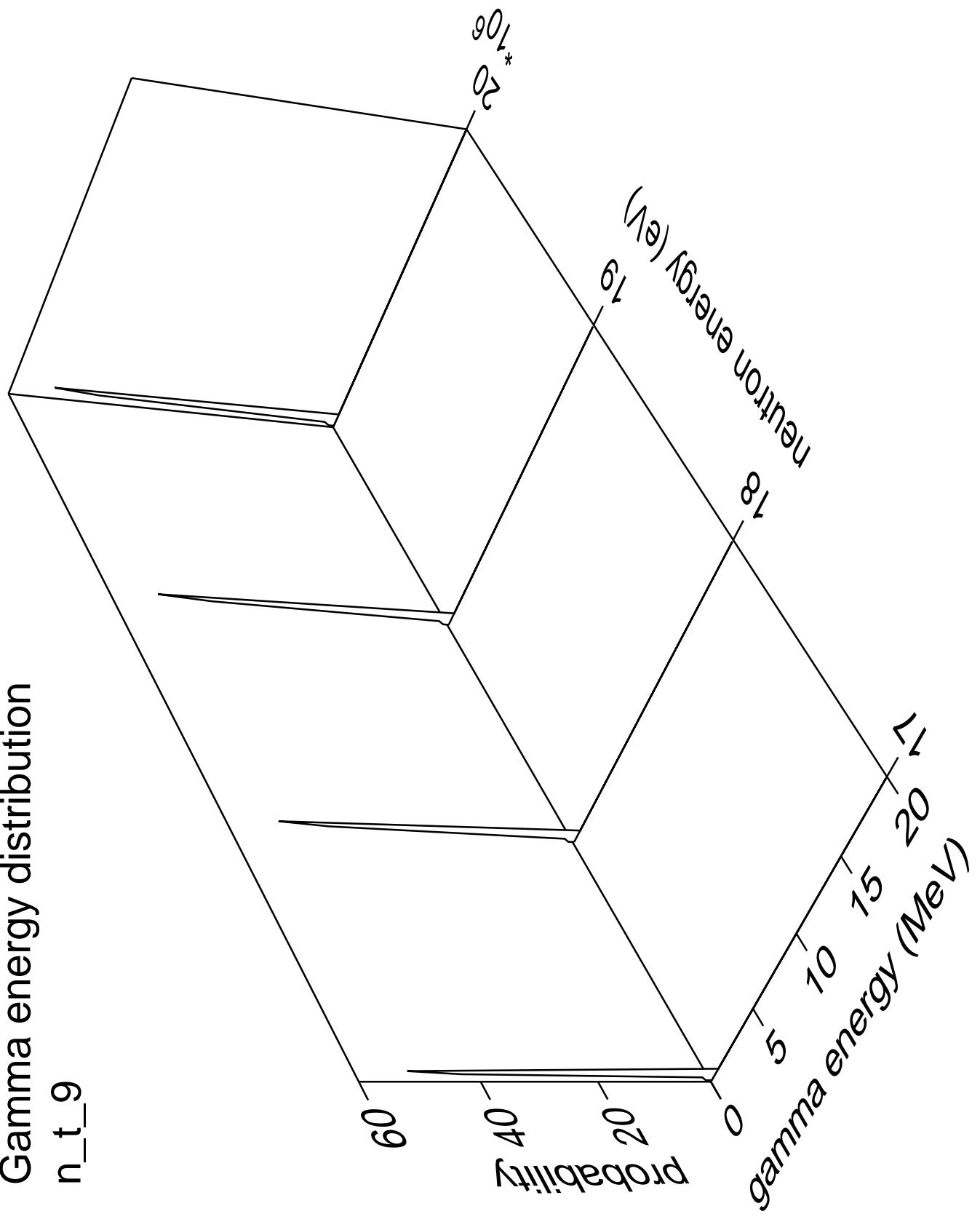
2

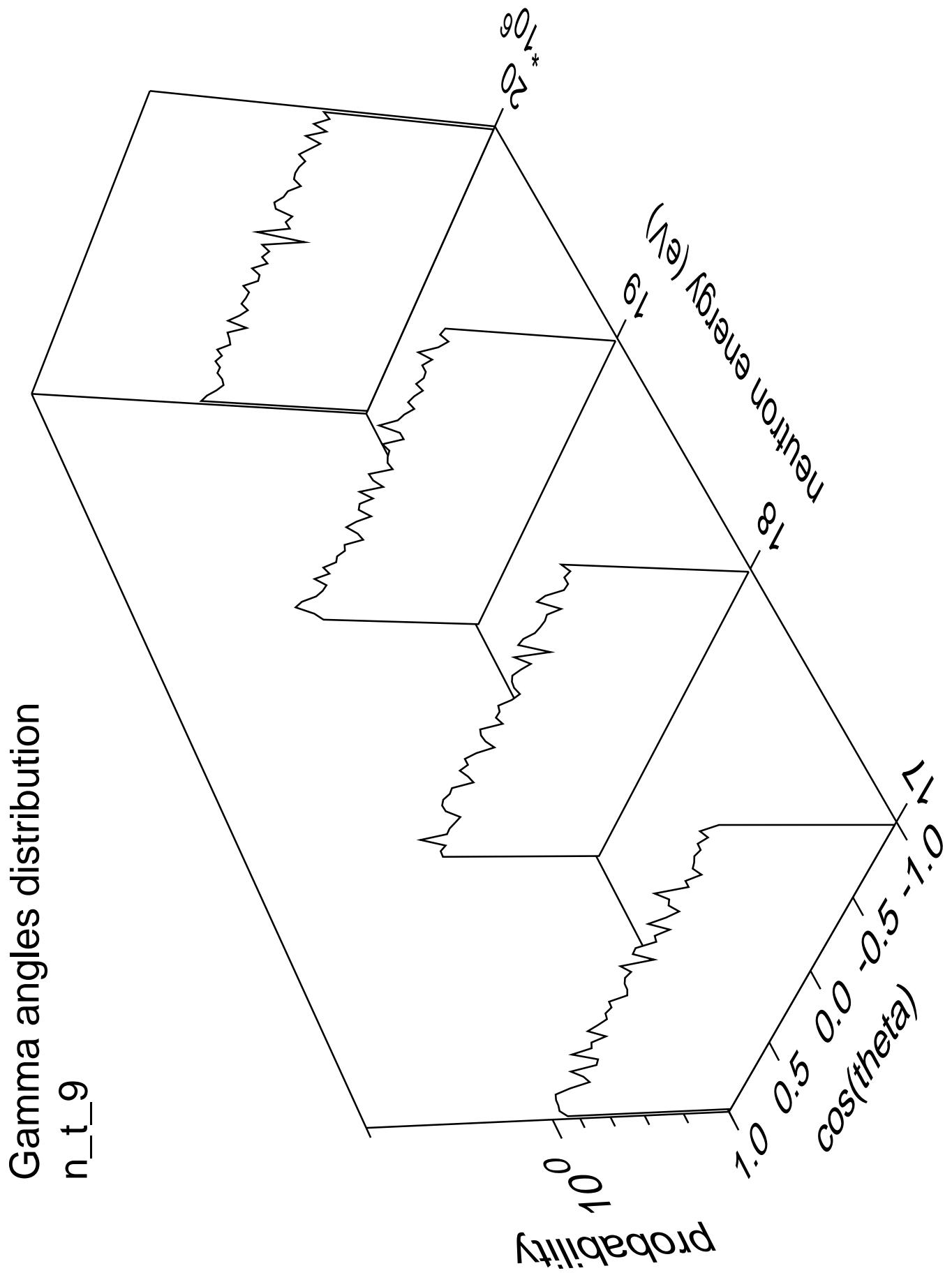
3

Neutron energy (eV)

100
20
10

Gamma energy distribution
n_t_9





Gamma multiplicities distribution

n_t_9

Probability

-

multiplicity

2.5 ↗

2.0 ↗

1.5 ↗

1.0 ↗

0.5 ↗

100

20

Neutron energy (eV)

10

19

20

2.5 ↗

2.0 ↗

1.5 ↗

1.0 ↗

0.5 ↗

100

20

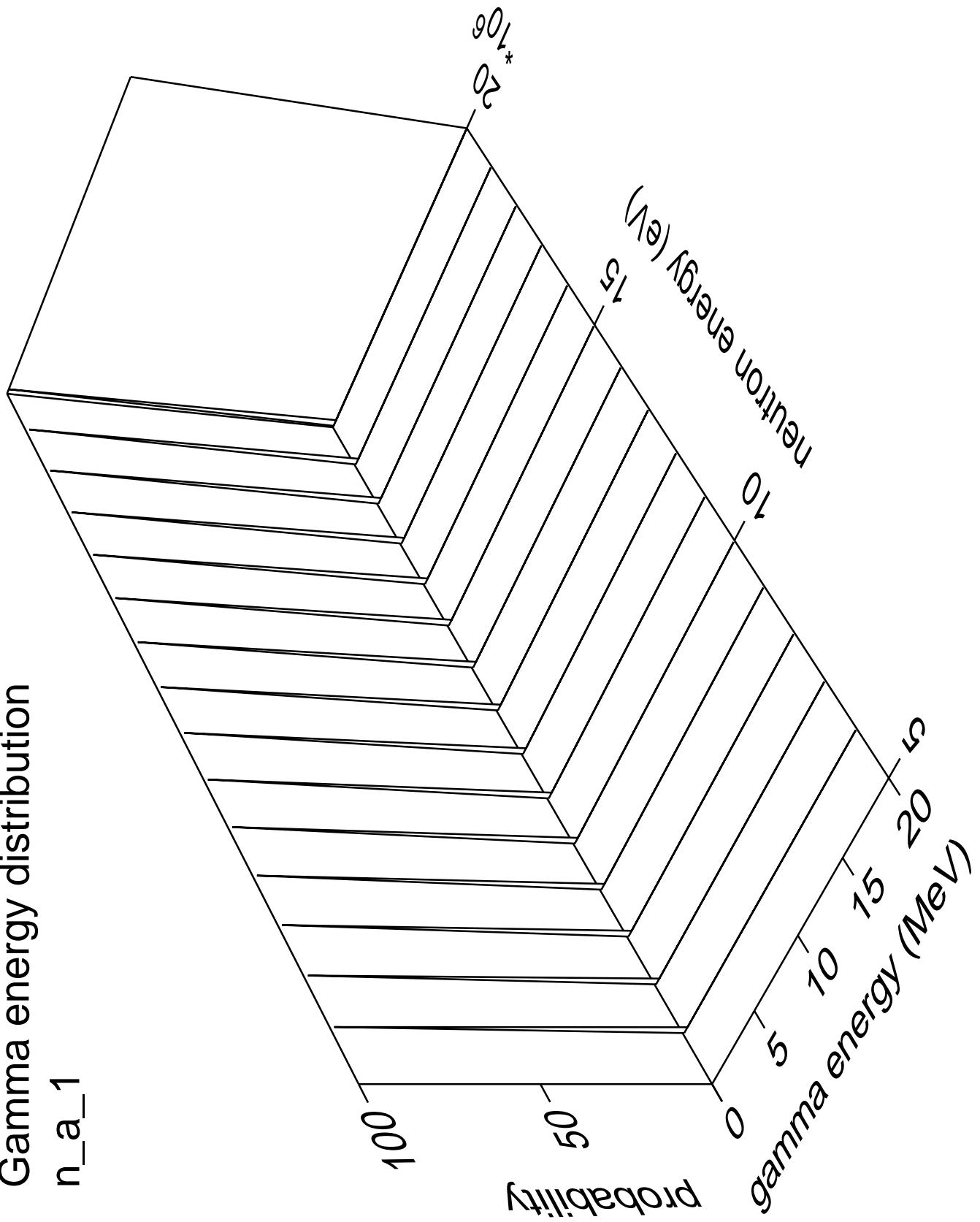
Neutron energy (eV)

10

19

20

Gamma energy distribution n_a_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

$\cos(\theta)$

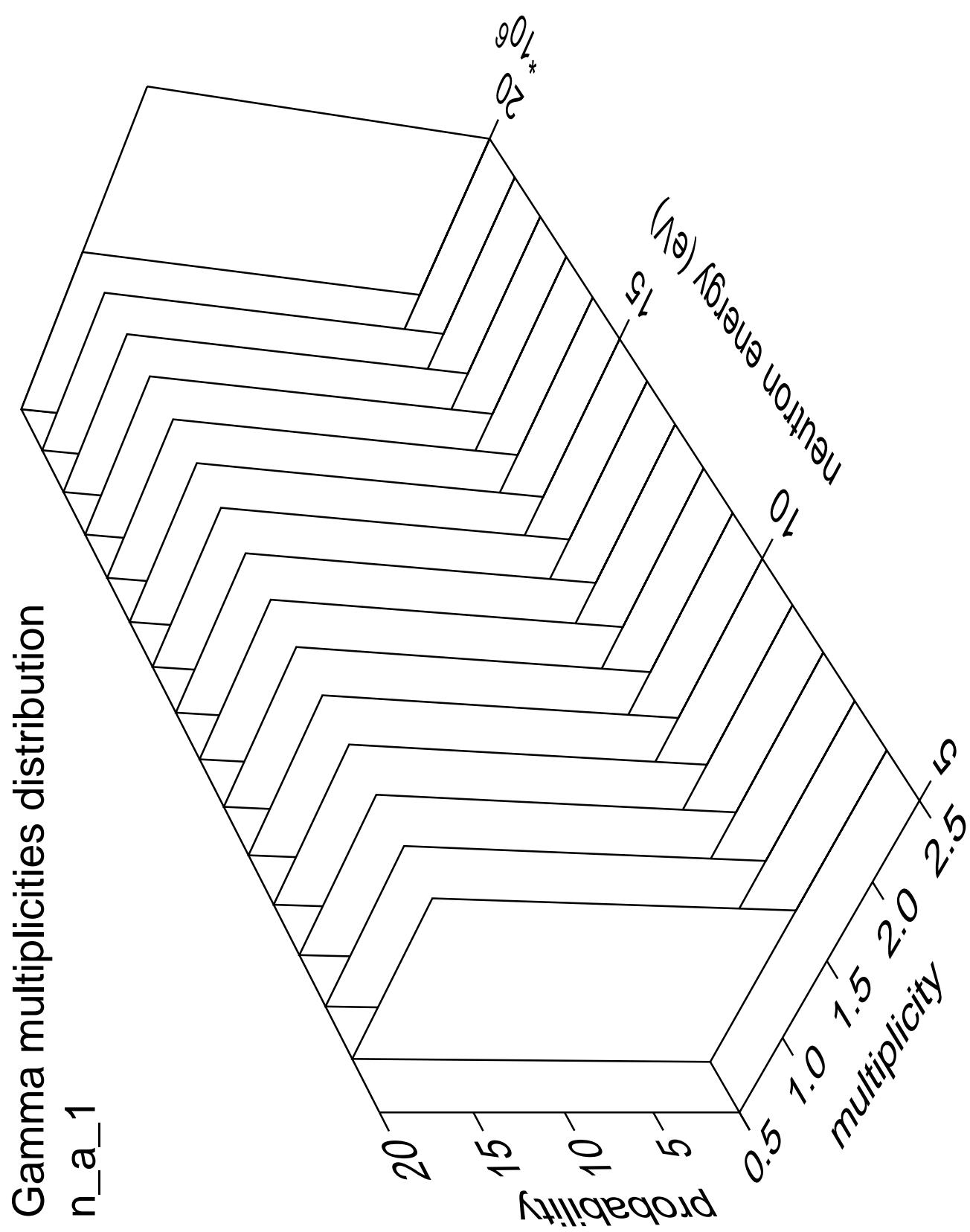
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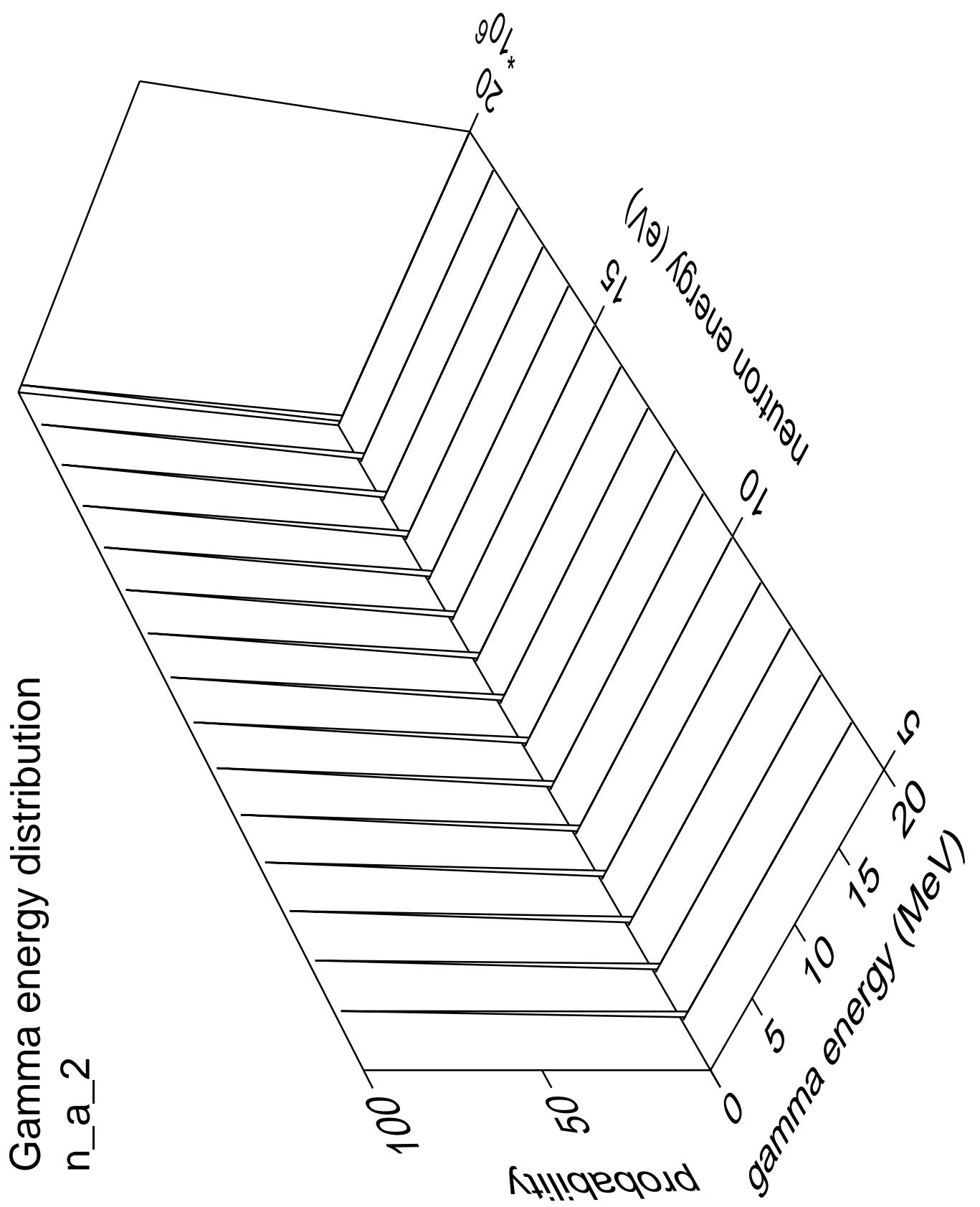
-0.5

0.0

0.5

1.0





Gamma angles distribution

n_a_2

Probability

10^0

10^2

10^4

10^6

neutron energy (eV)

10^0

10^2

10^4

10^6

$\cos(\theta)$

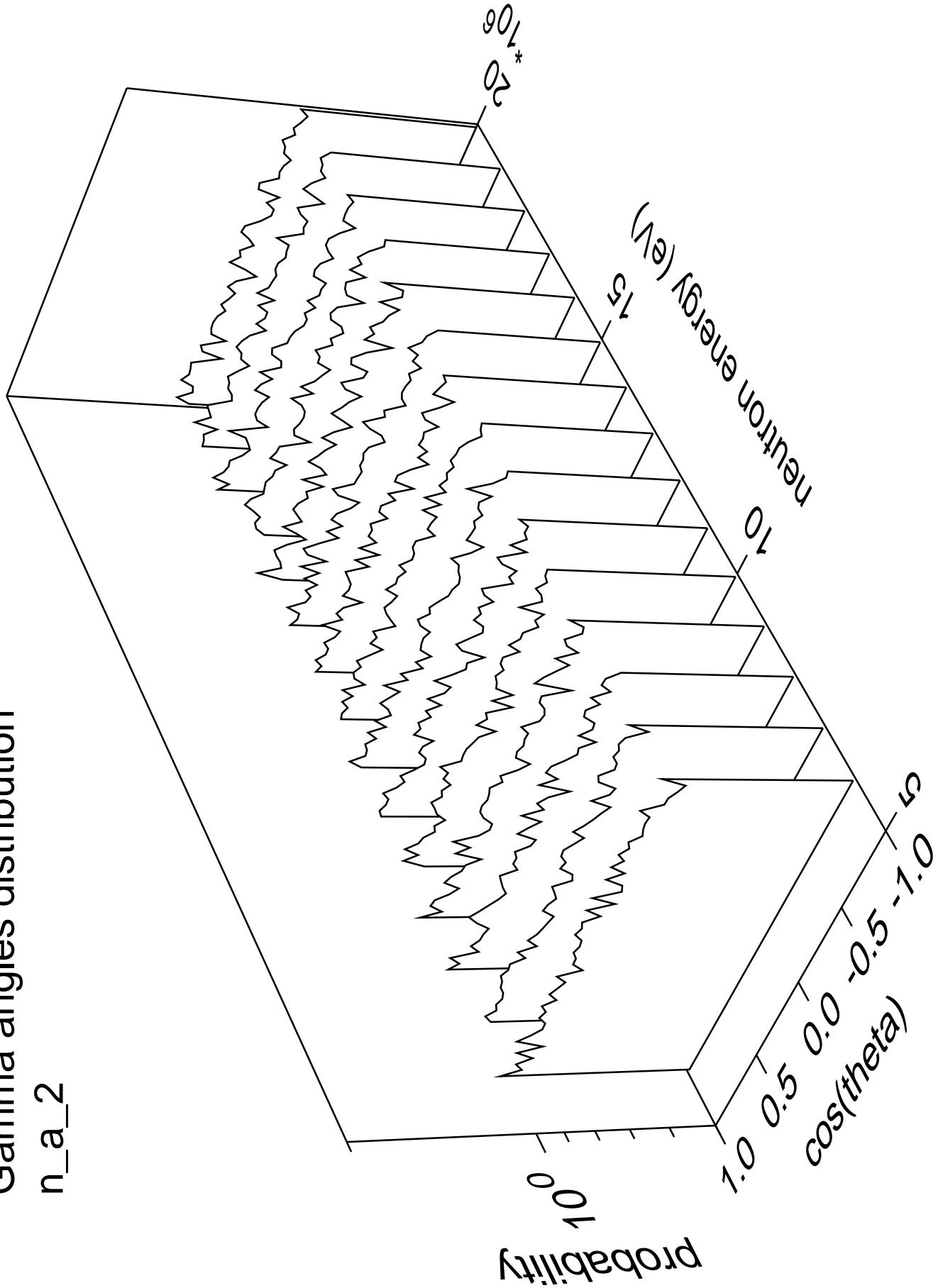
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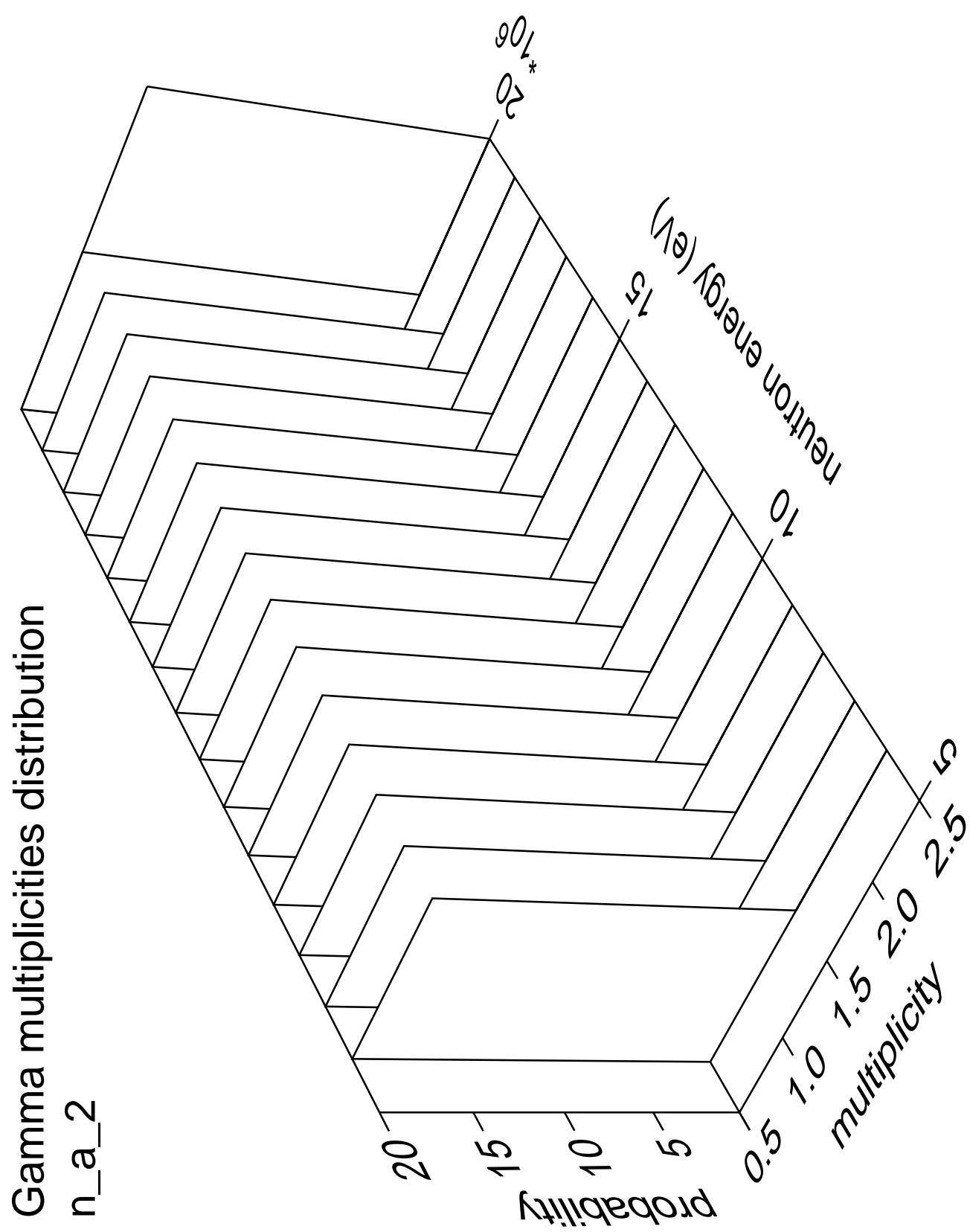
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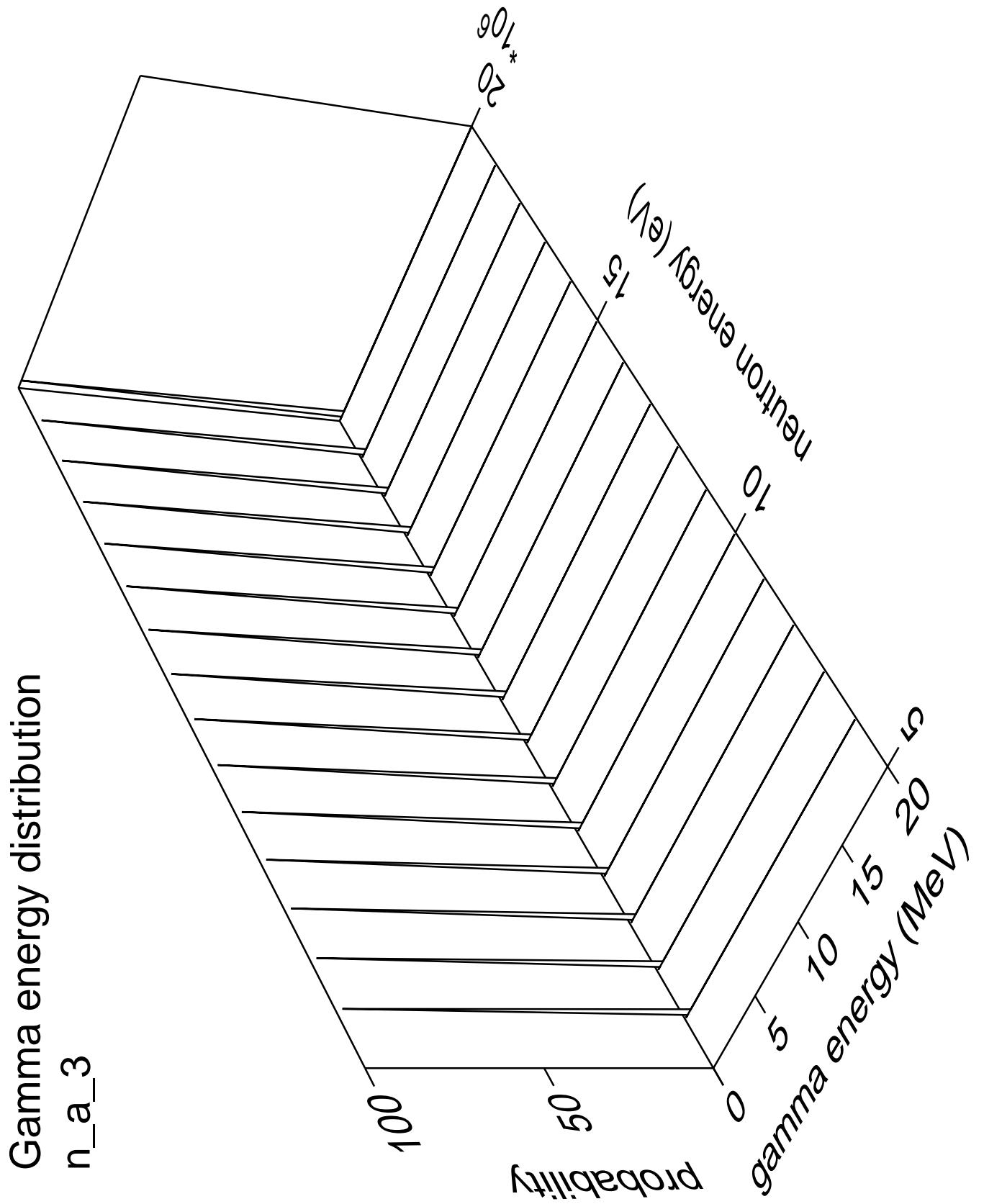
0.0

0.5

1.0







Gamma angles distribution

n_a_3

