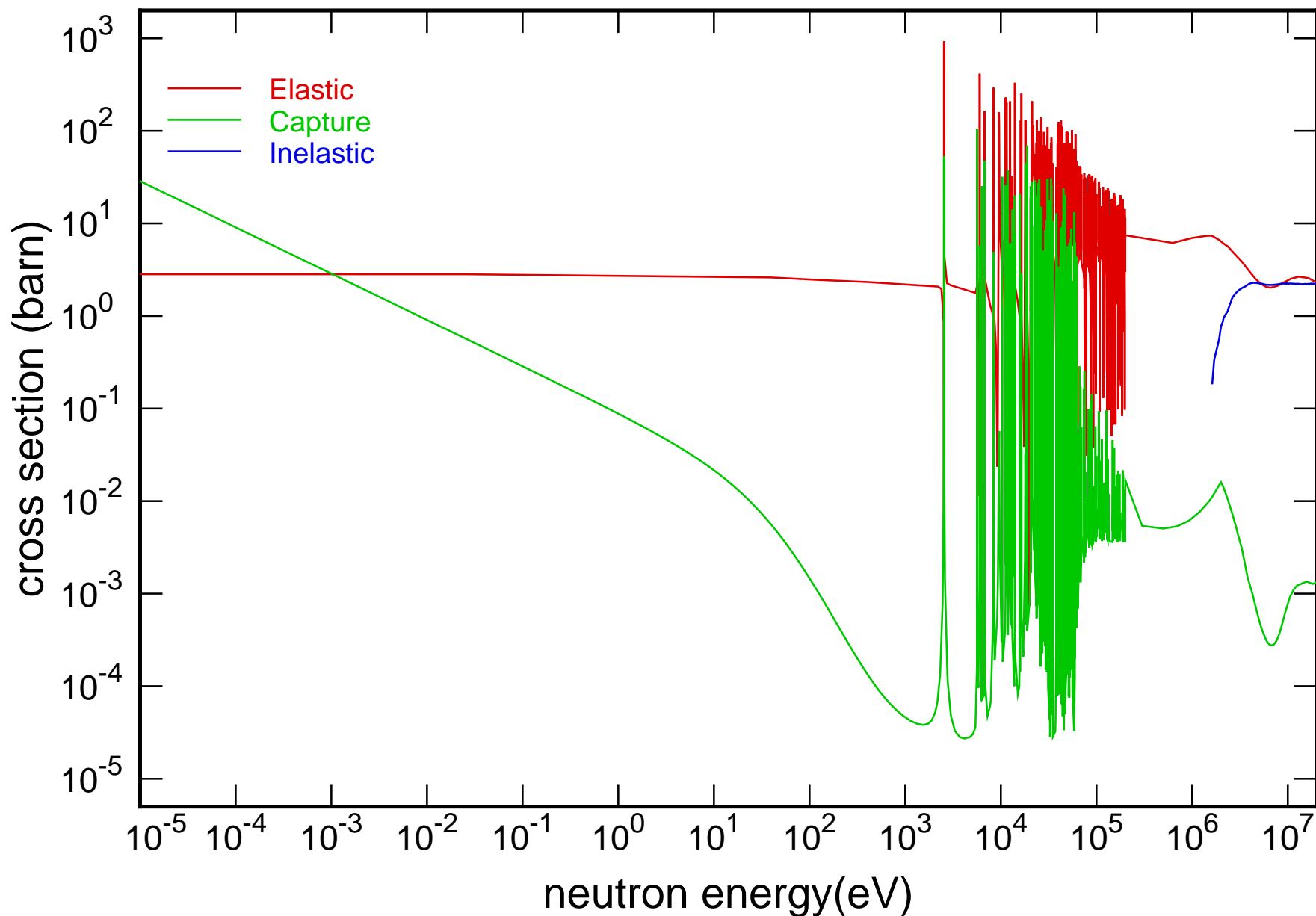
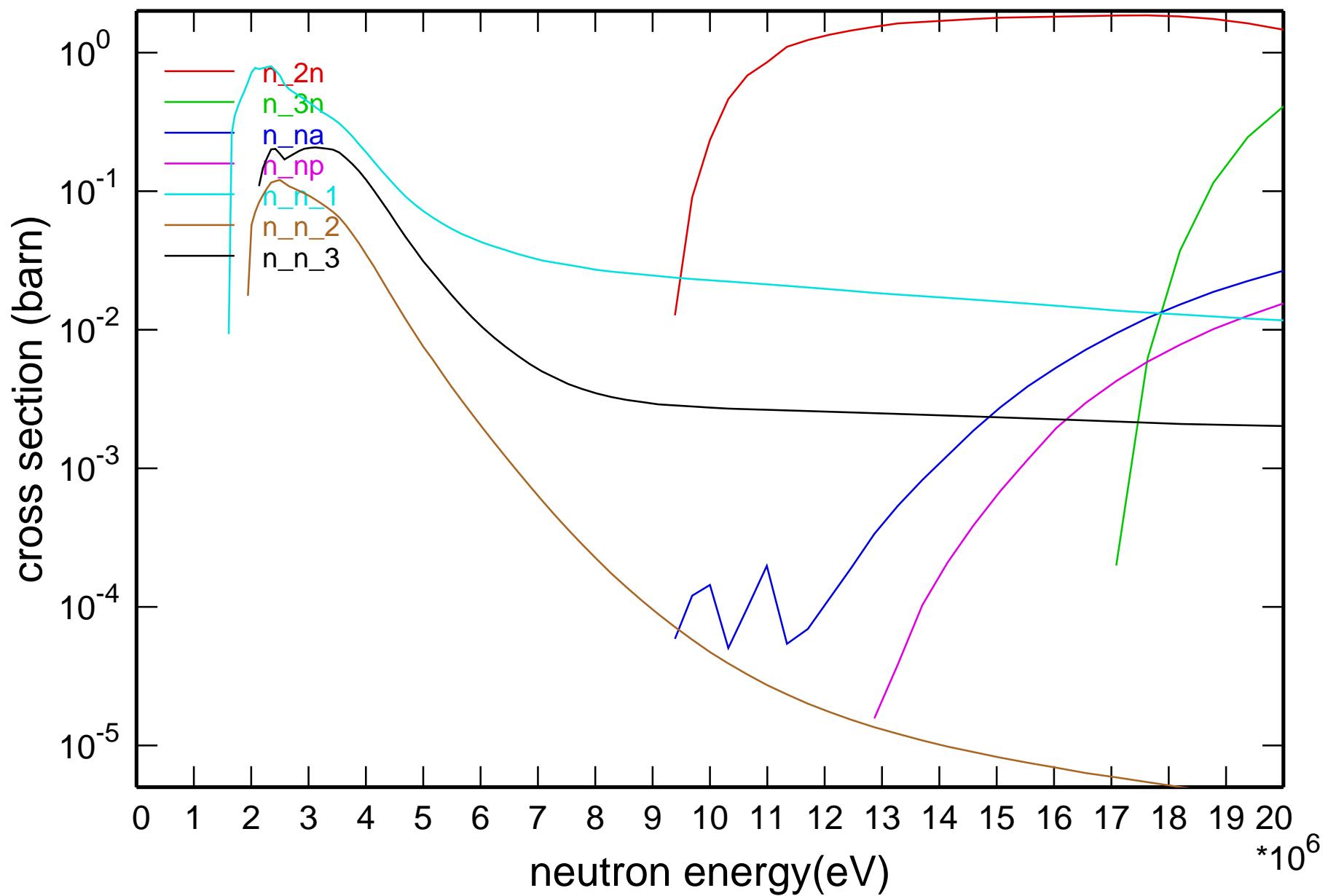


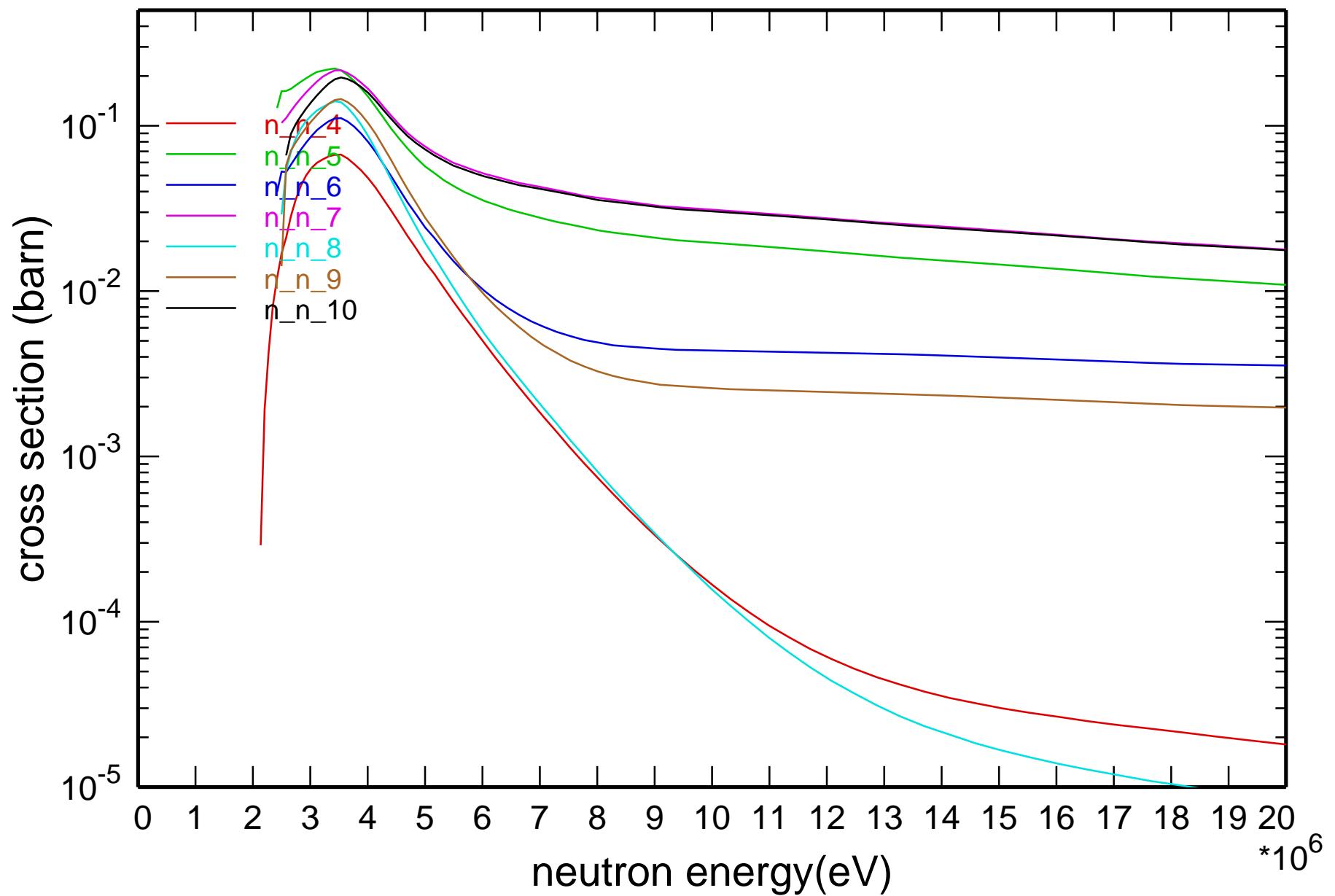
Main Cross Sections



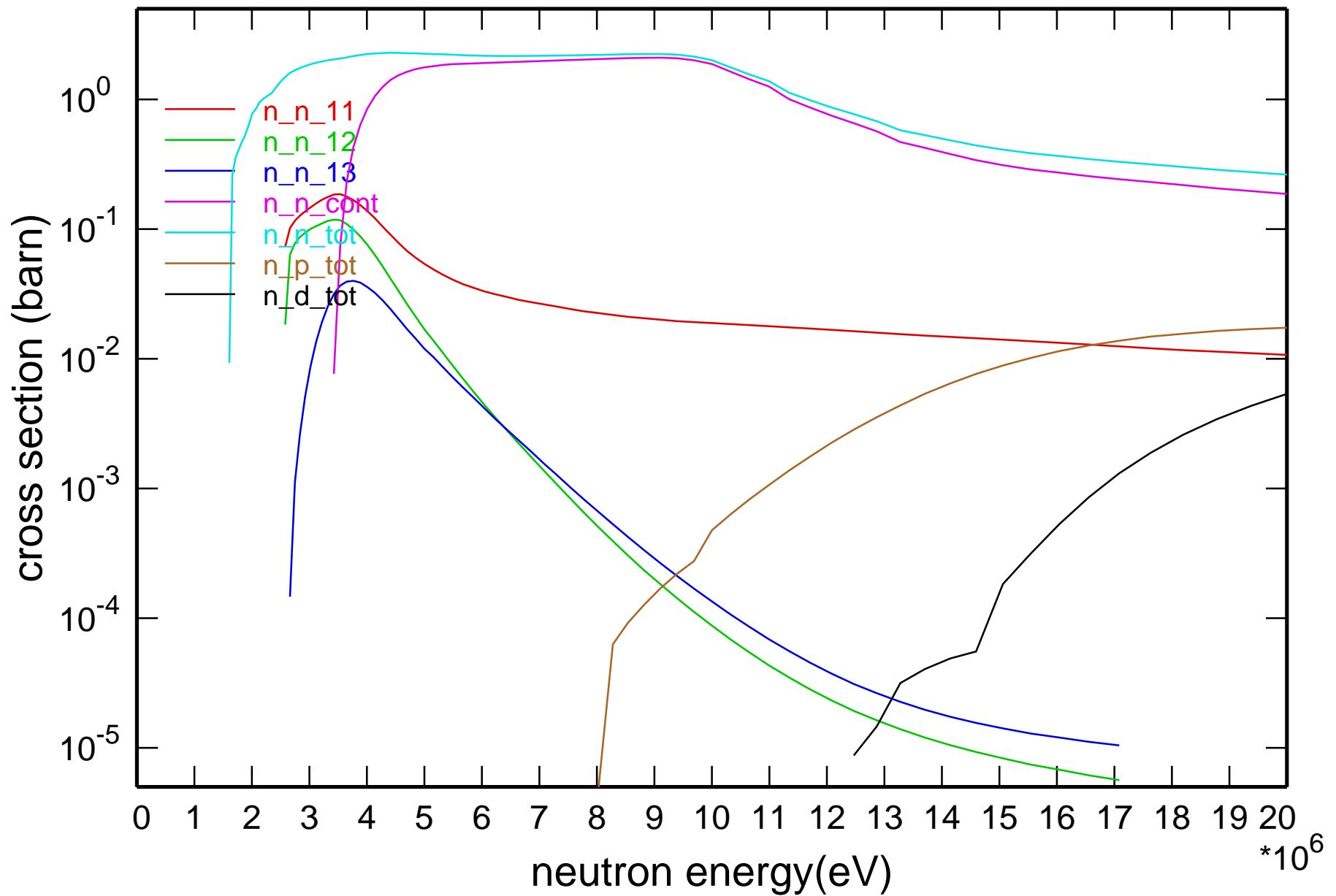
Cross Section



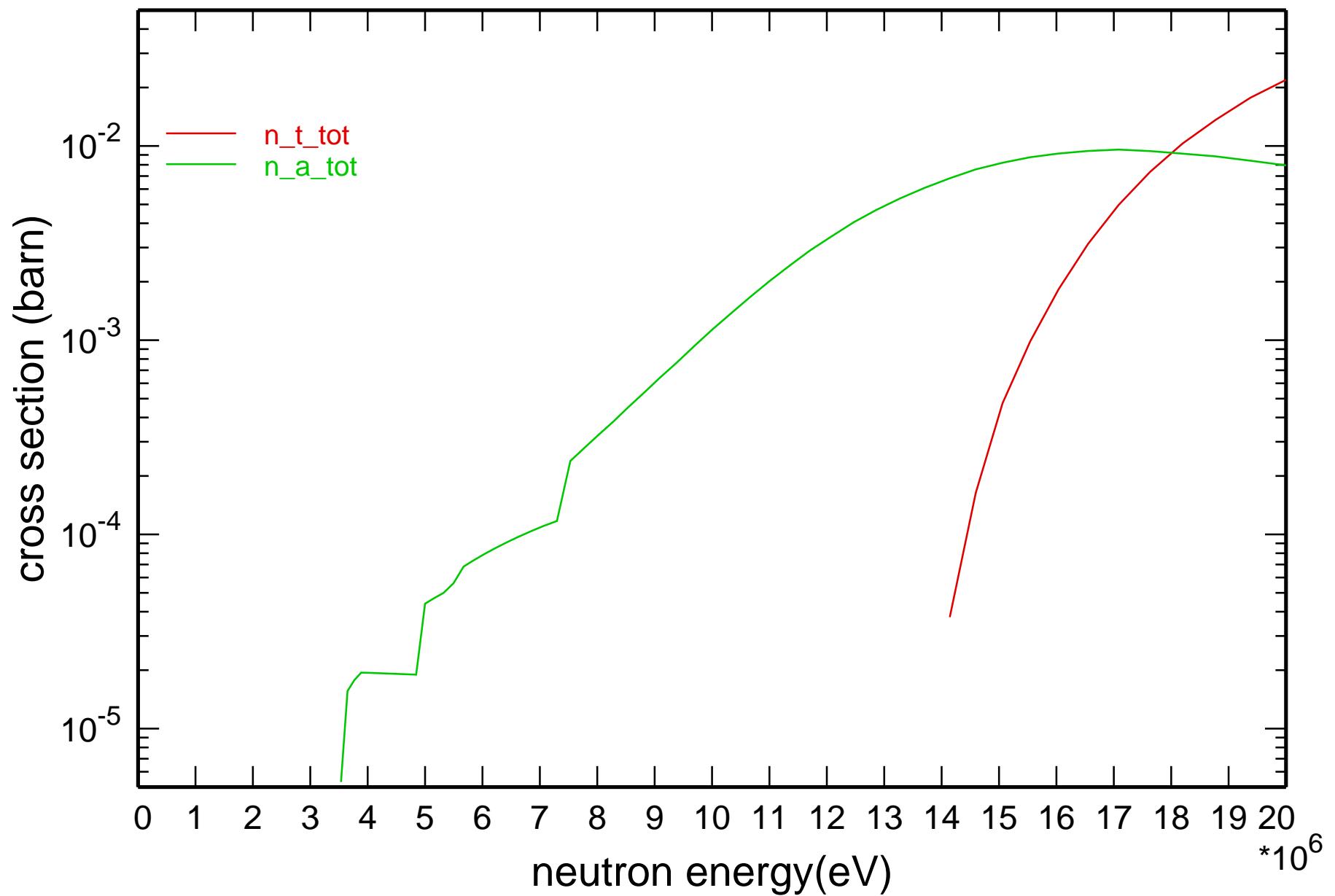
Cross Section

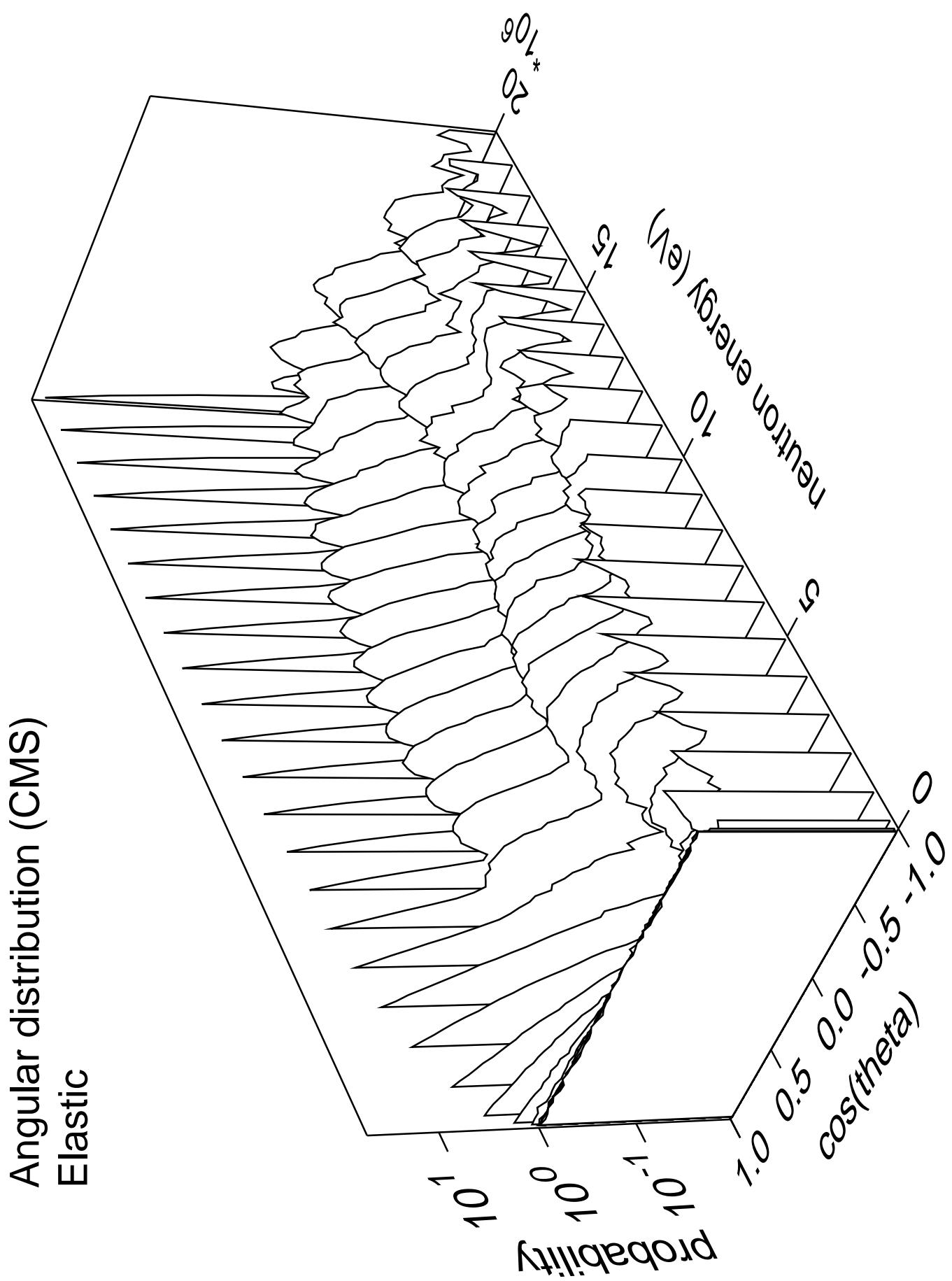


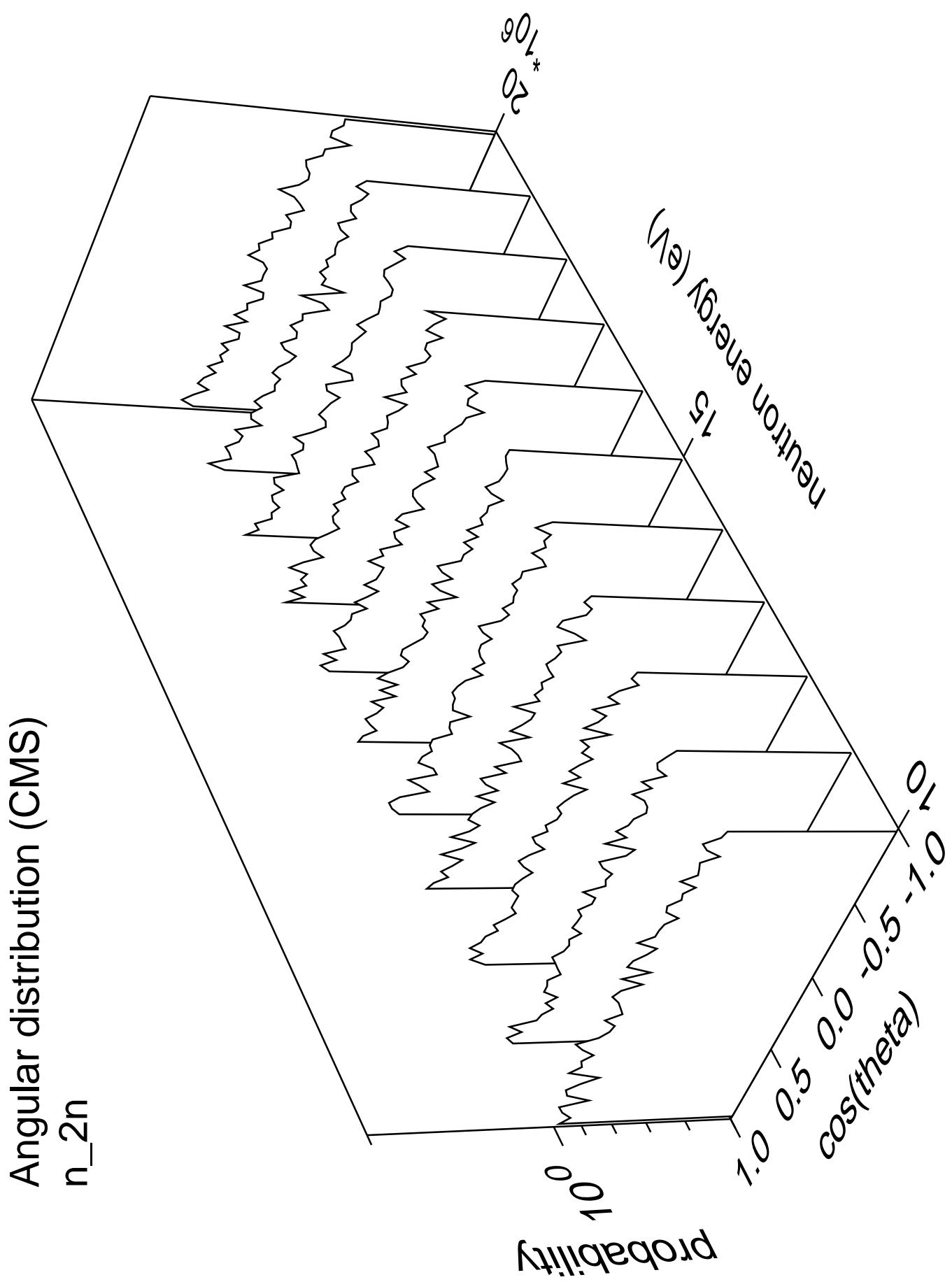
Cross Section



Cross Section







Angular distribution (CMS)
 n_{3n}

Probability

10^0

10^{-2}
 10^{-4}

$1.0 \cdot 0.5 \cdot 0.0$
 $1.0 \cdot 0.5 \cdot 0.5$
 $1.0 \cdot 1.0 \cdot 1.0$

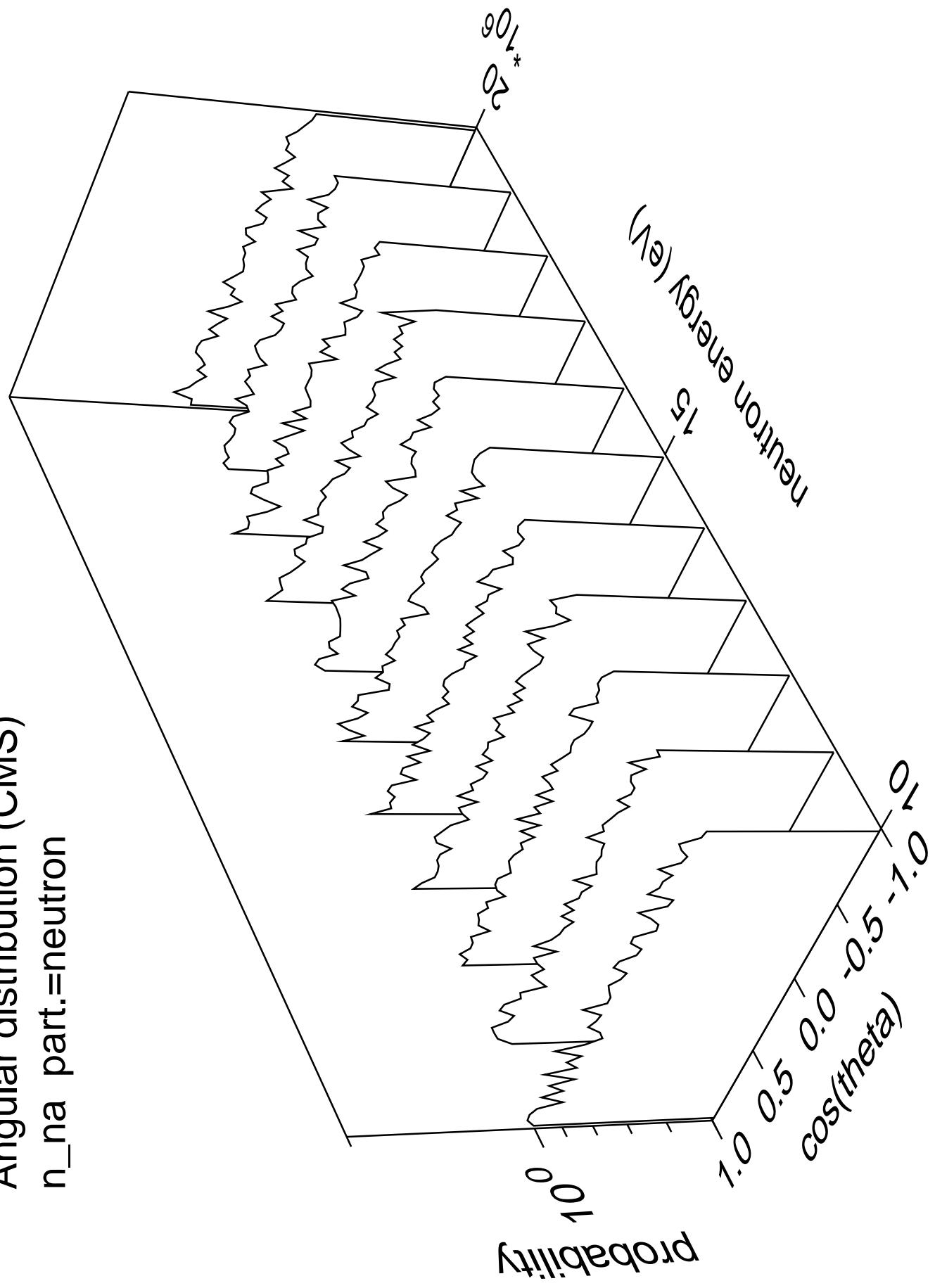
$\cos(\theta)$

$Neutron\ energy (eV)$

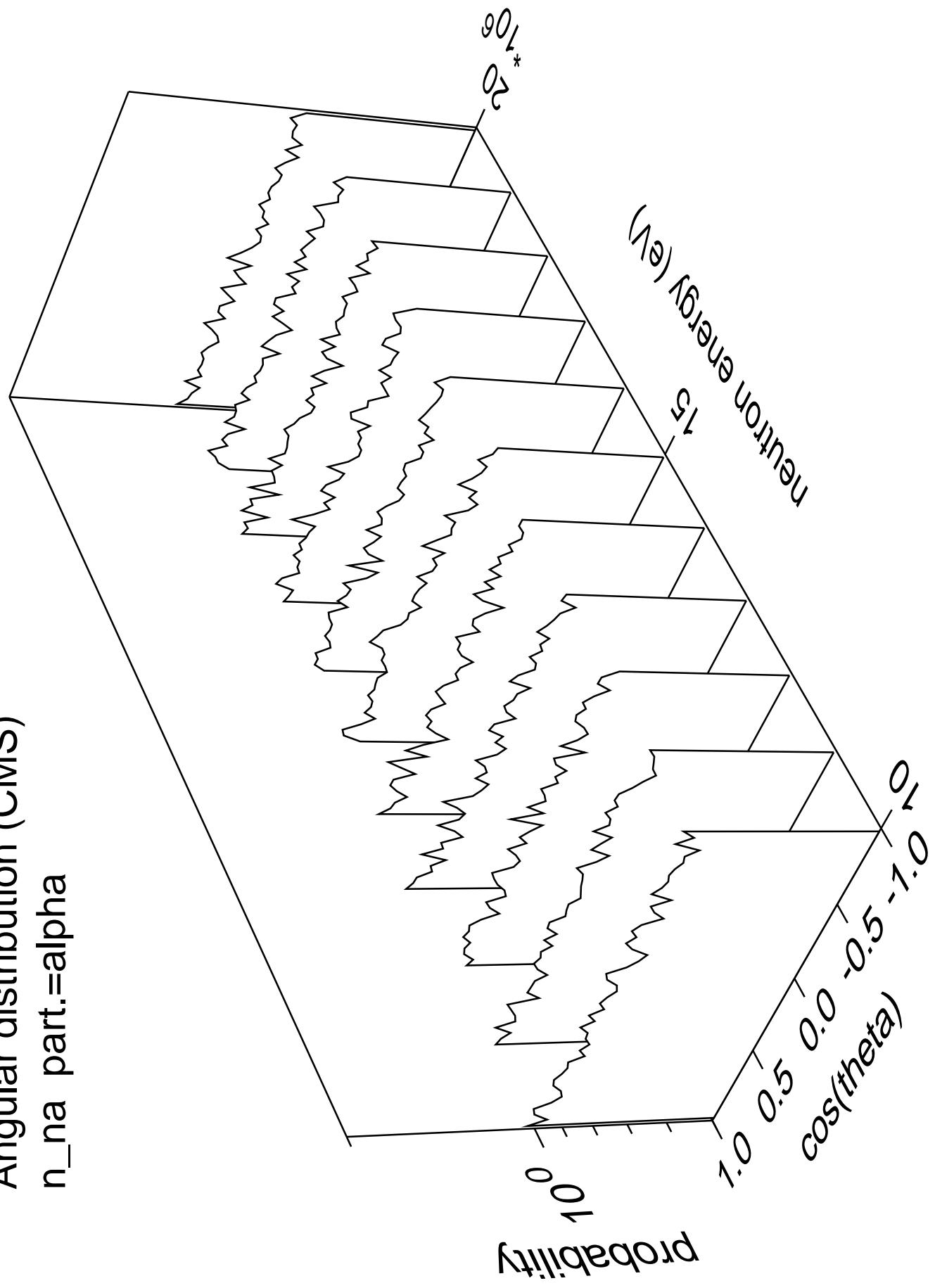
∞

10^{-6}

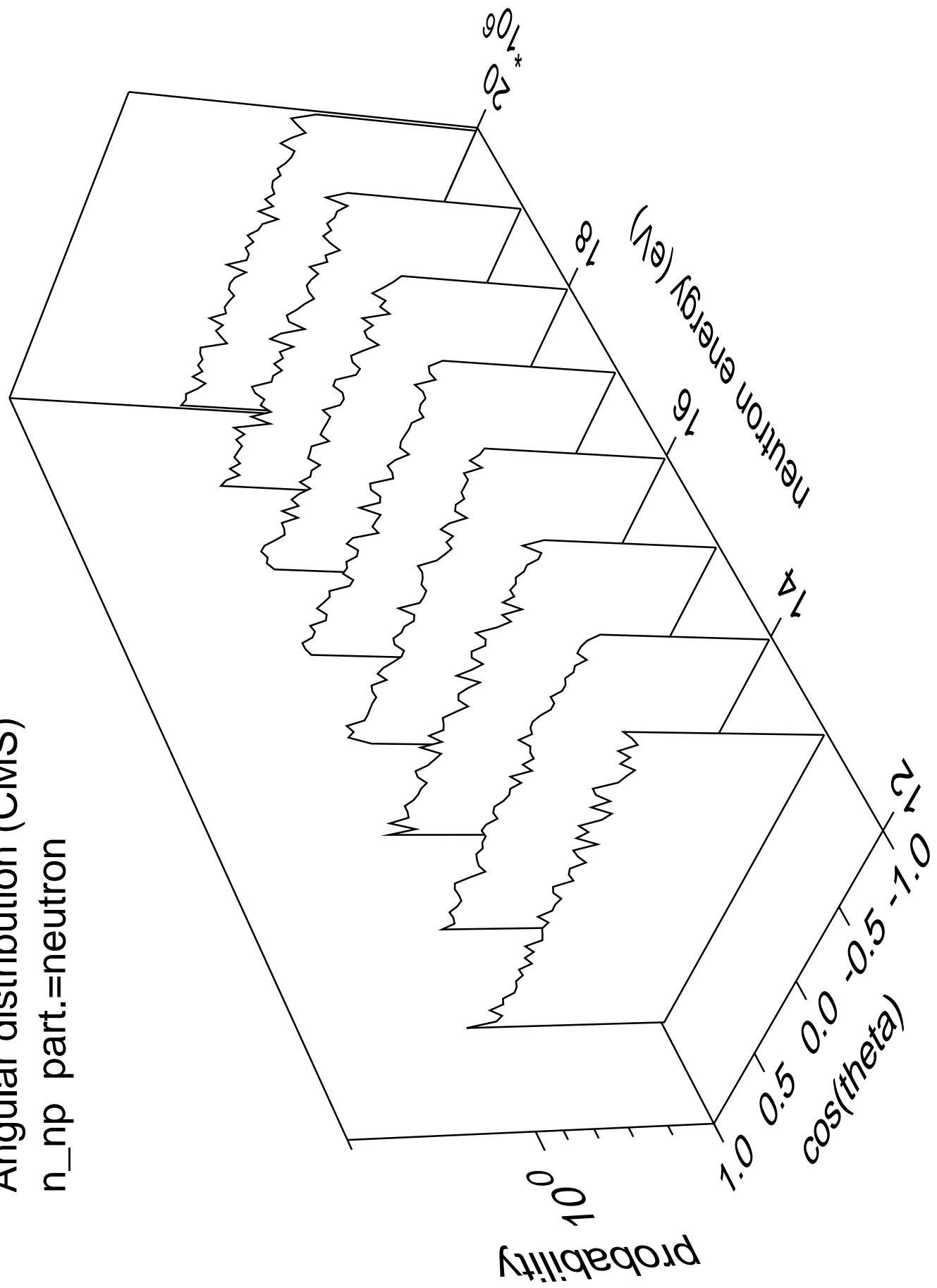
Angular distribution (CMS)
 n_{na} part.=neutron



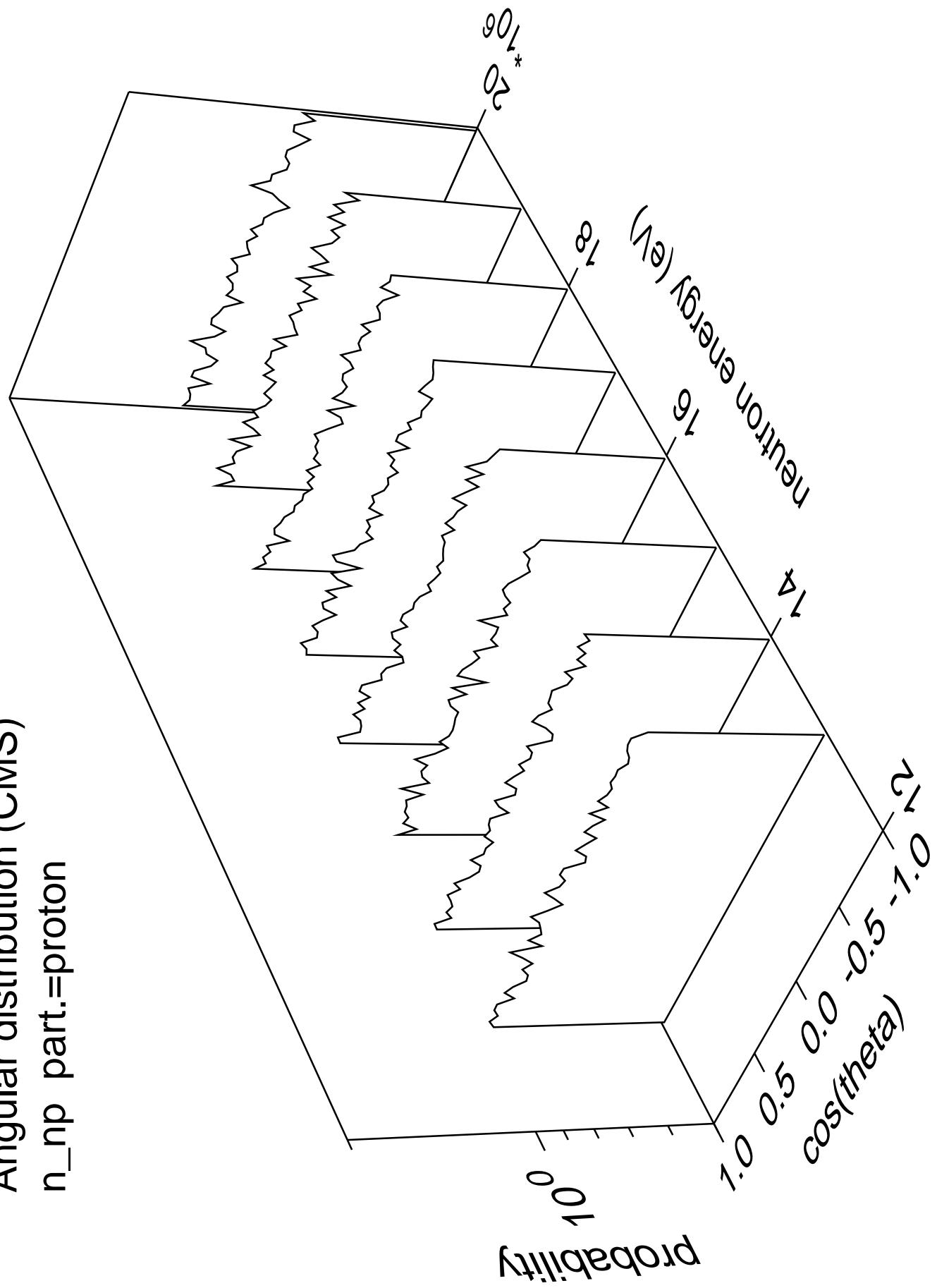
Angular distribution (CMS)
 n_{na} part.=alpha

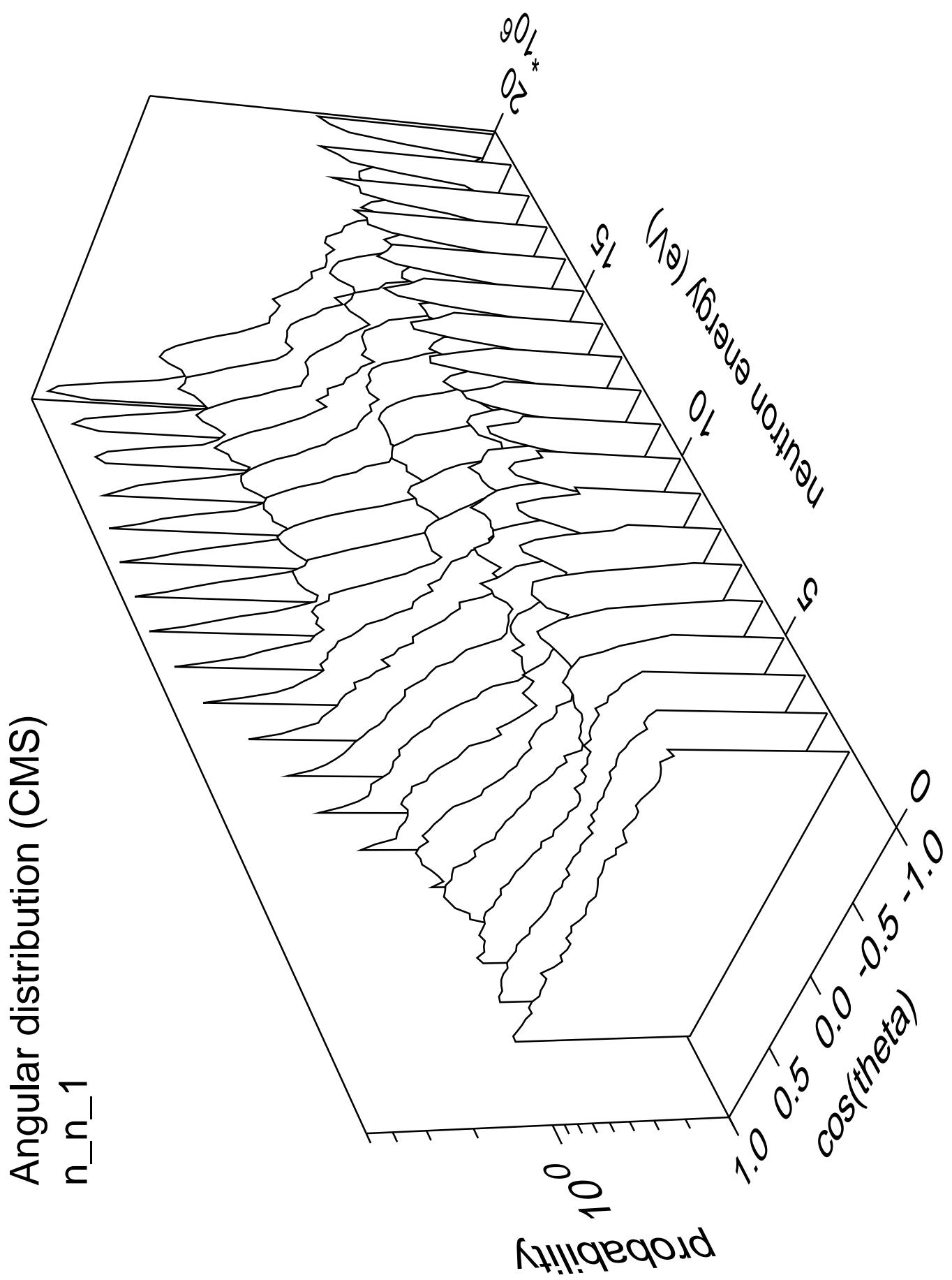


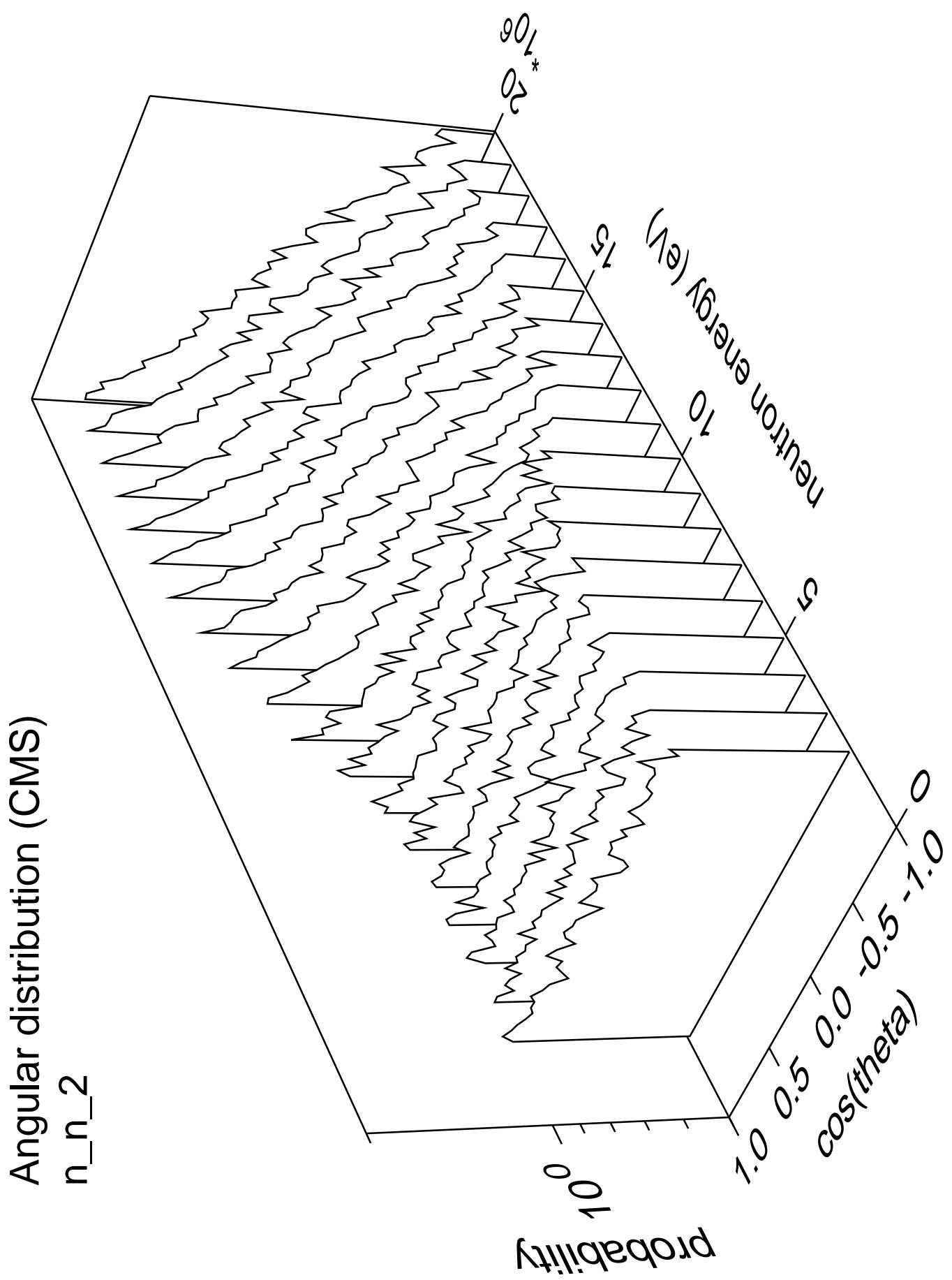
Angular distribution (CMS)
 n_{np} part.=neutron

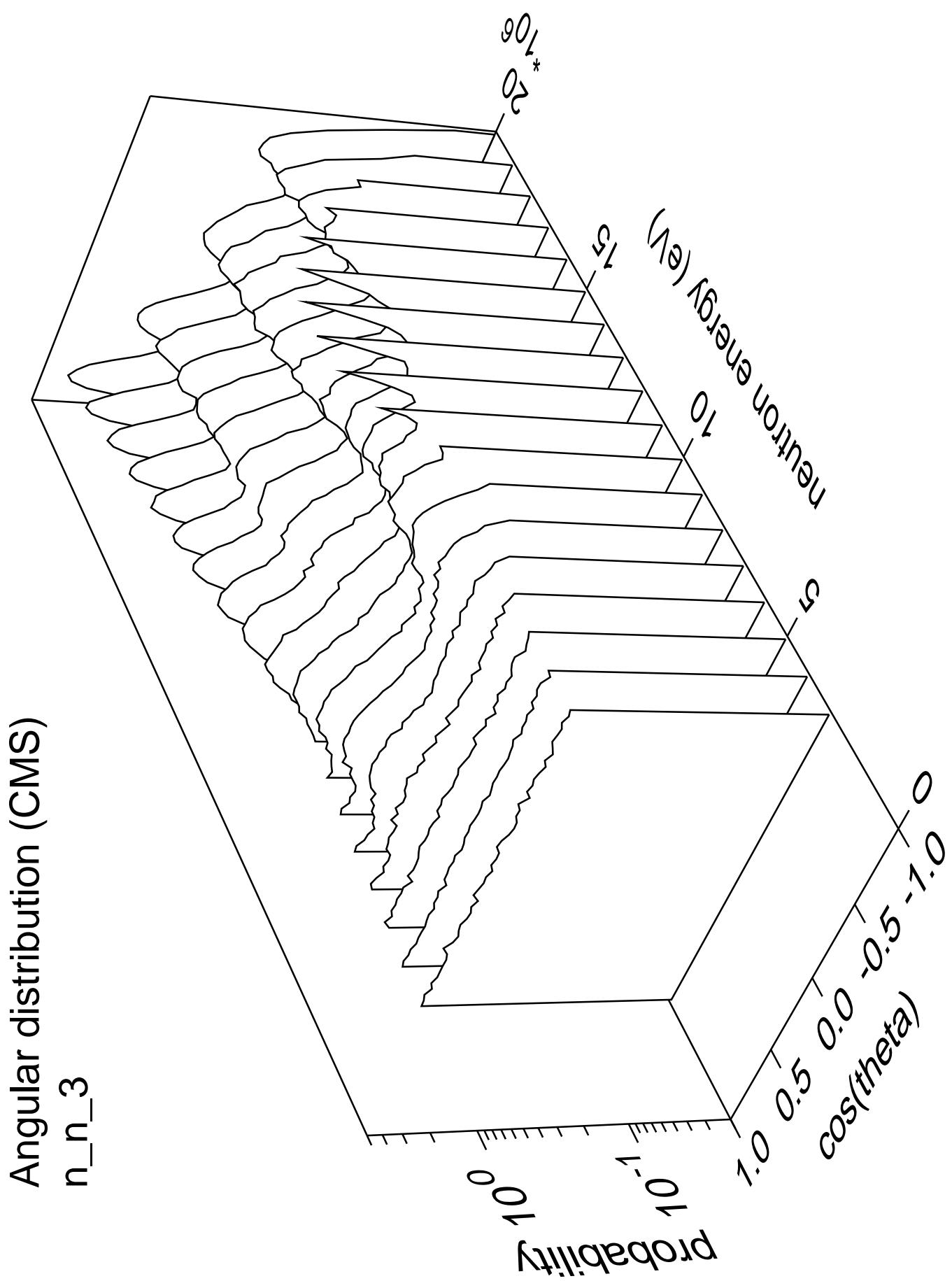


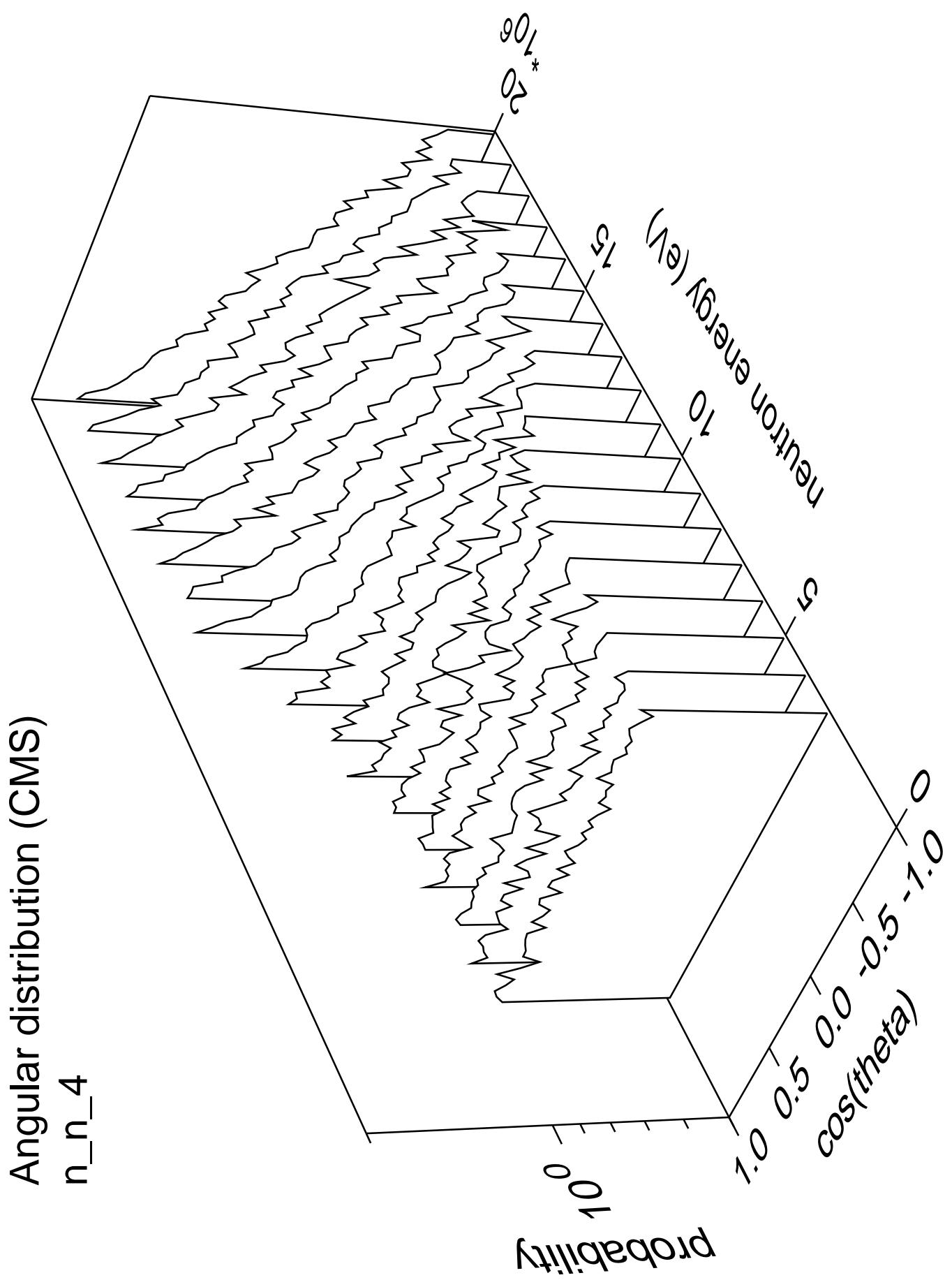
Angular distribution (CMS)
 n_{np} part.=proton

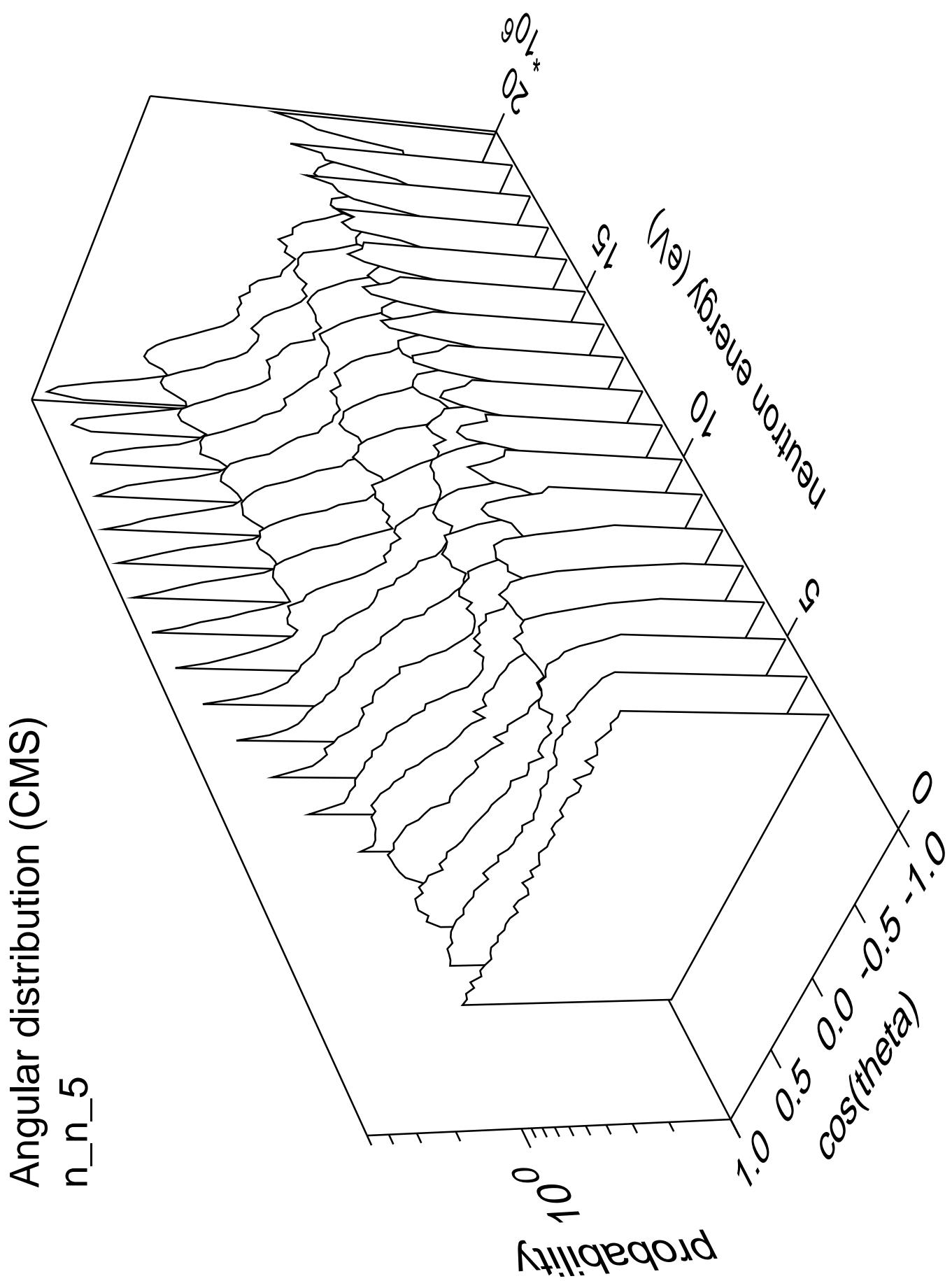


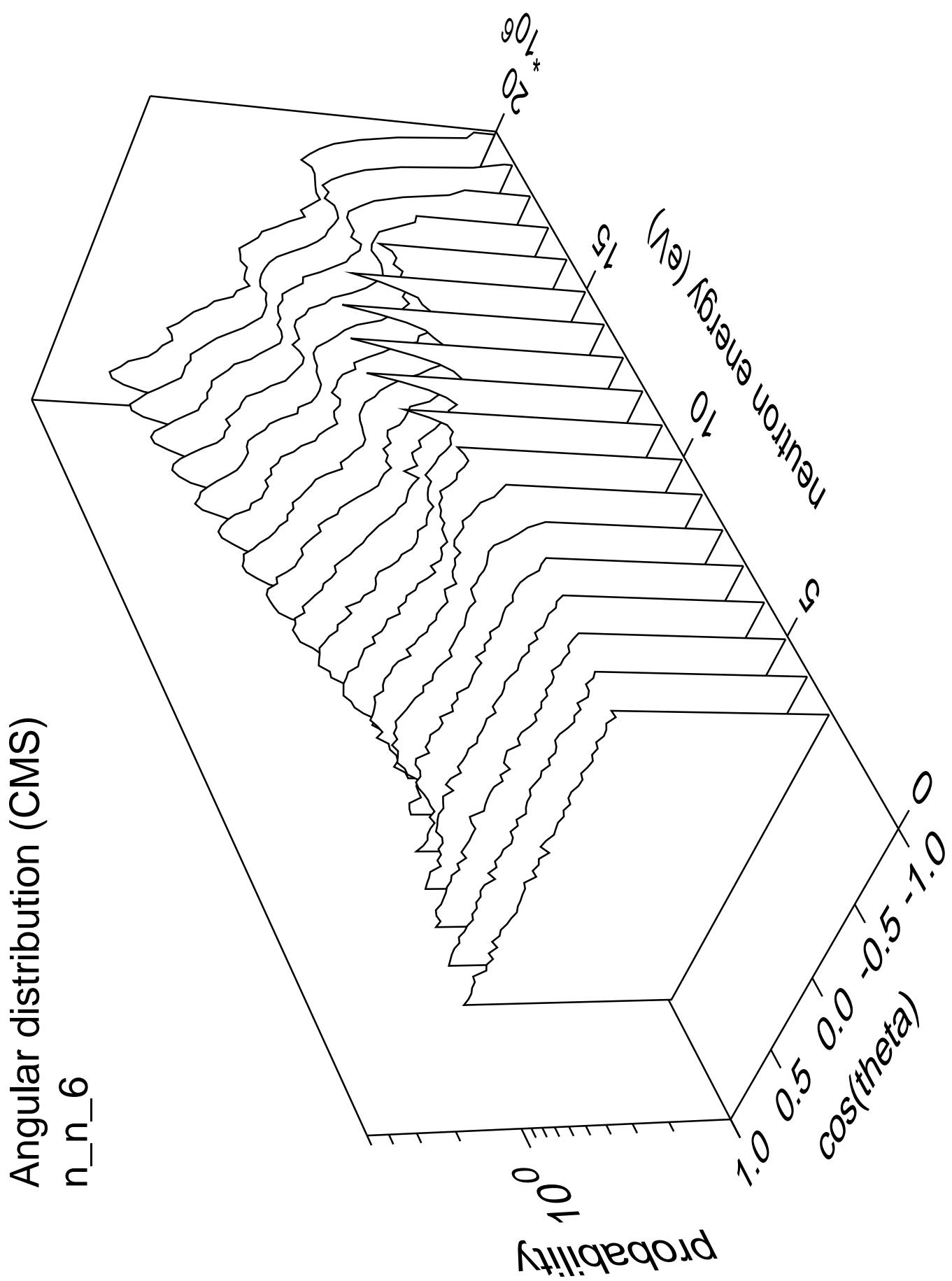


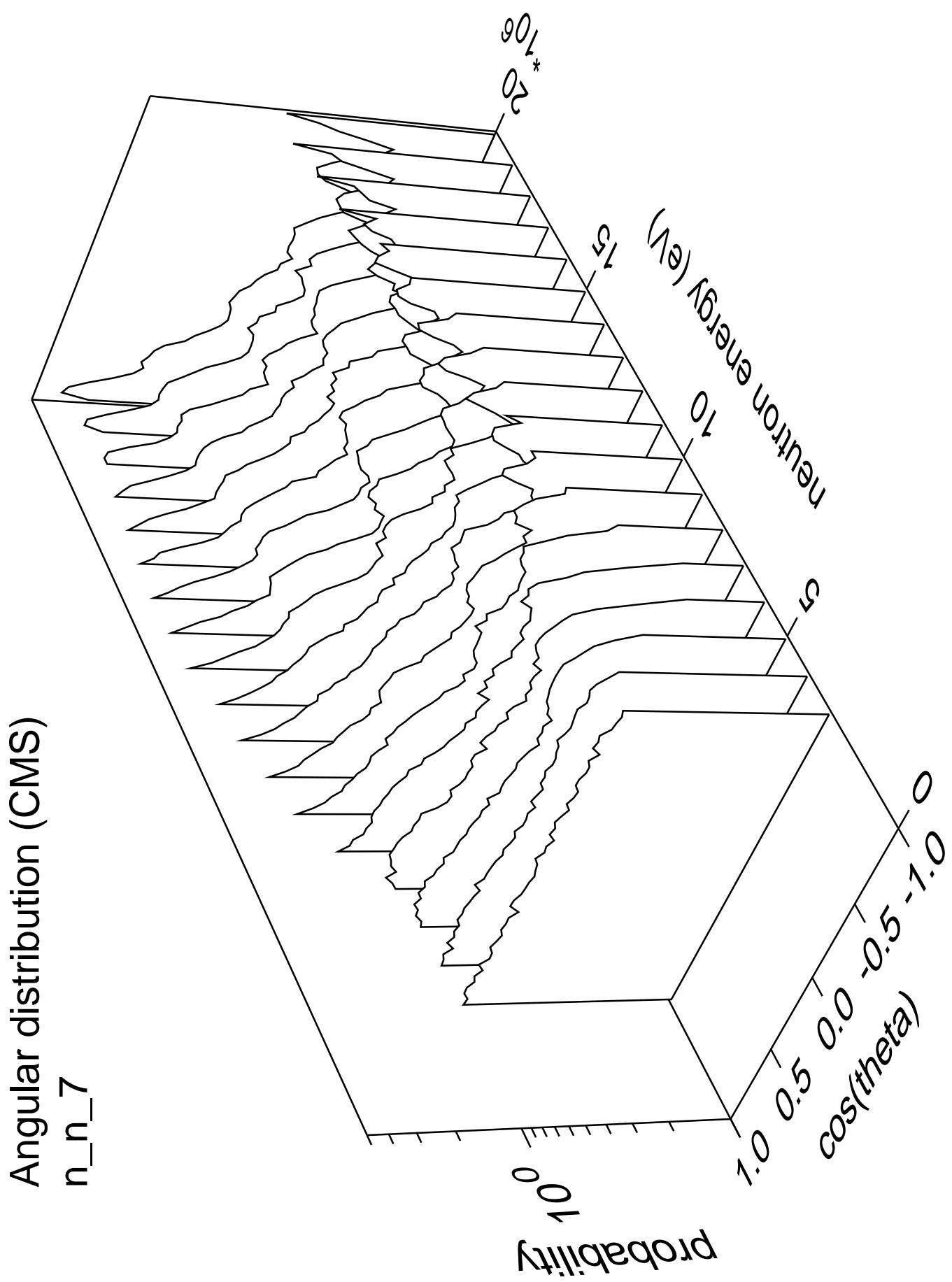


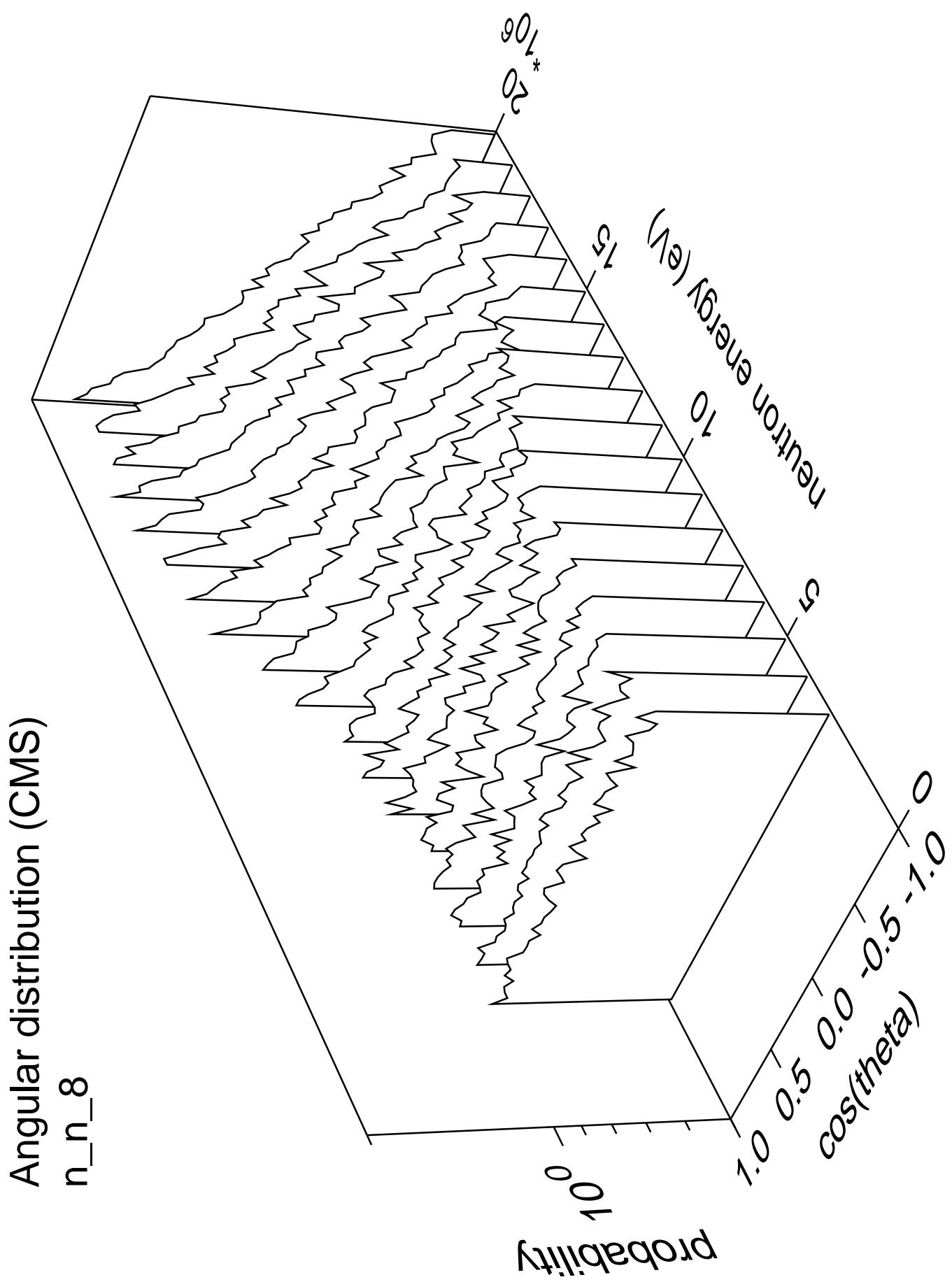


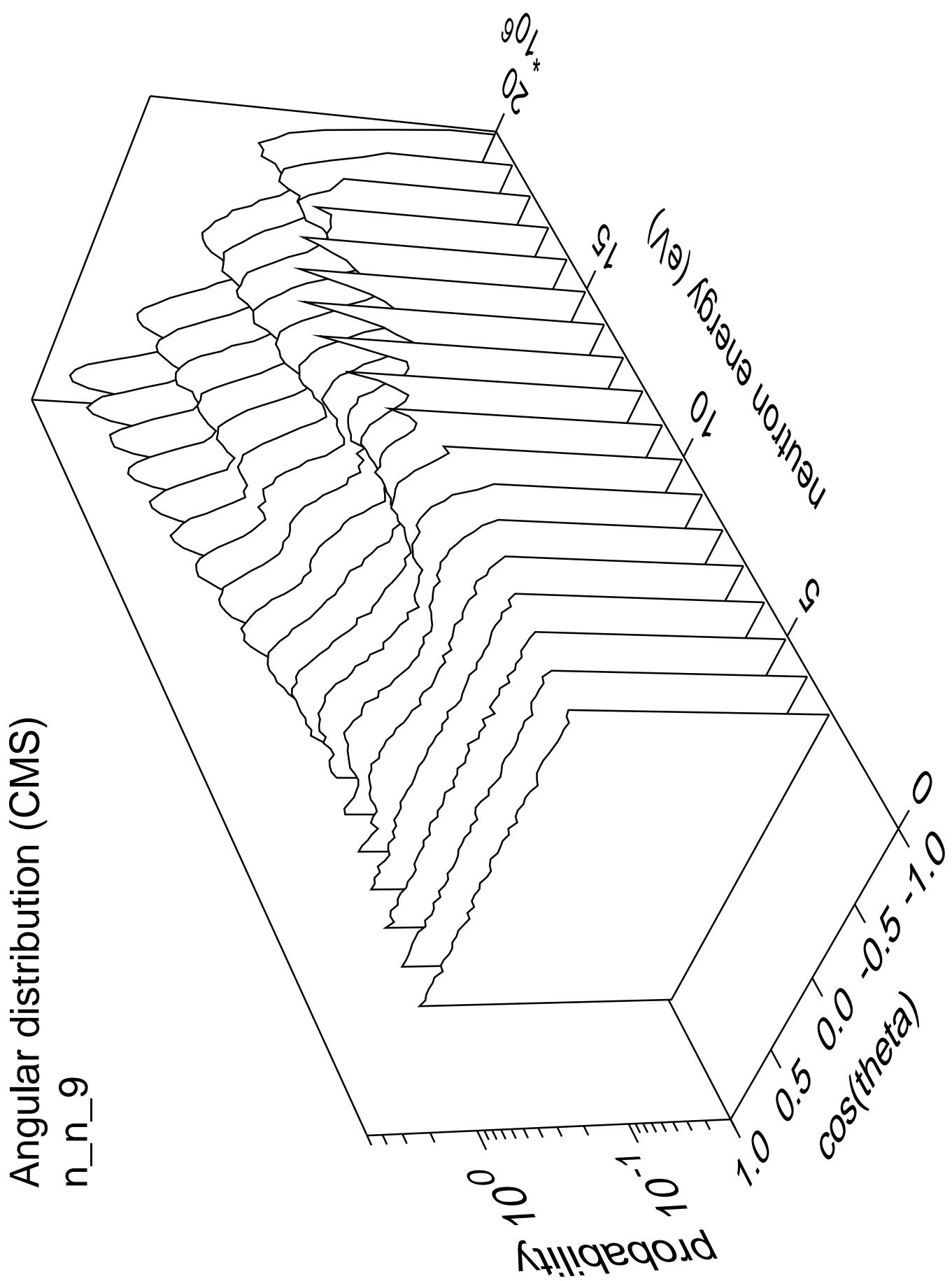


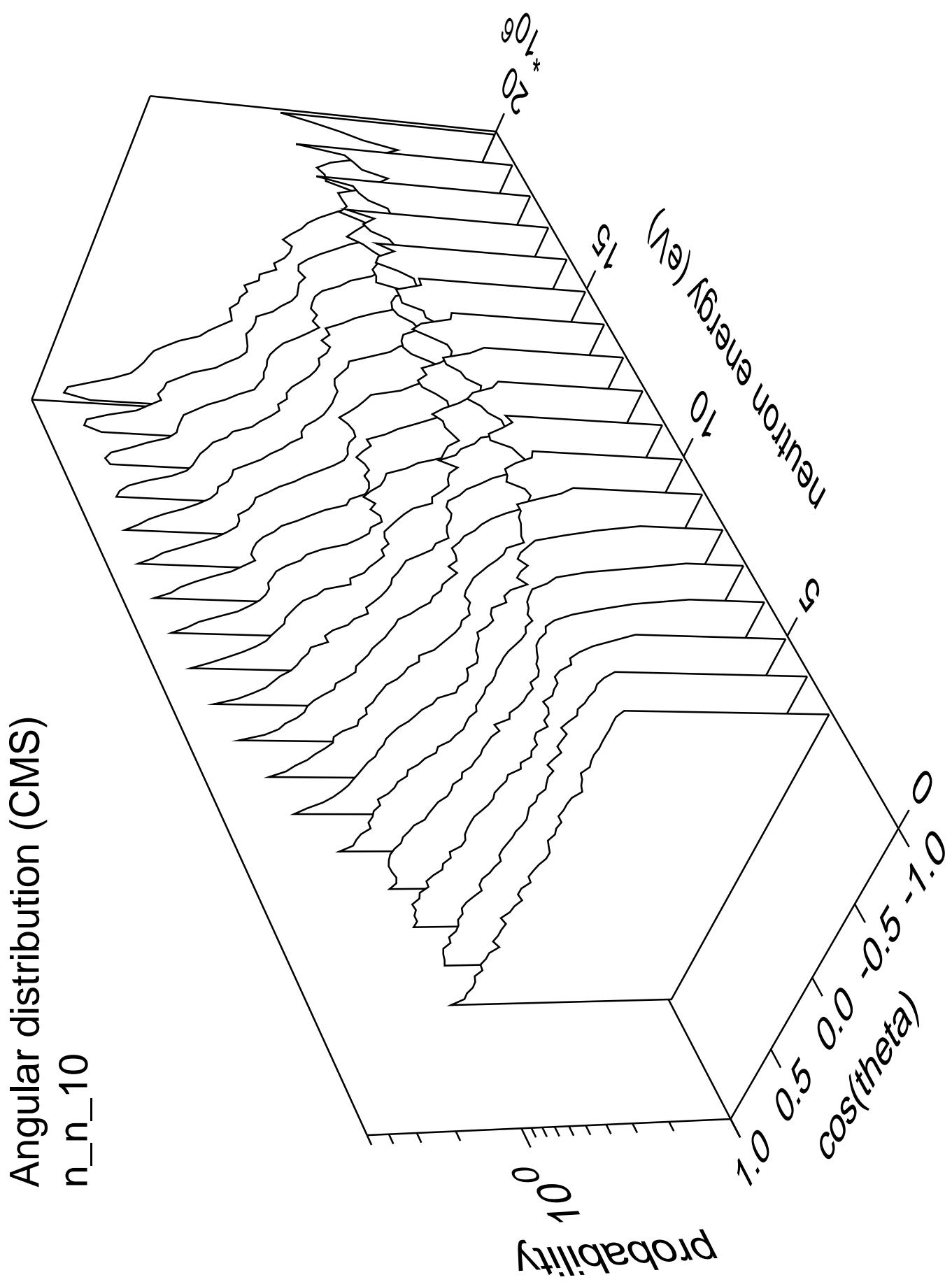


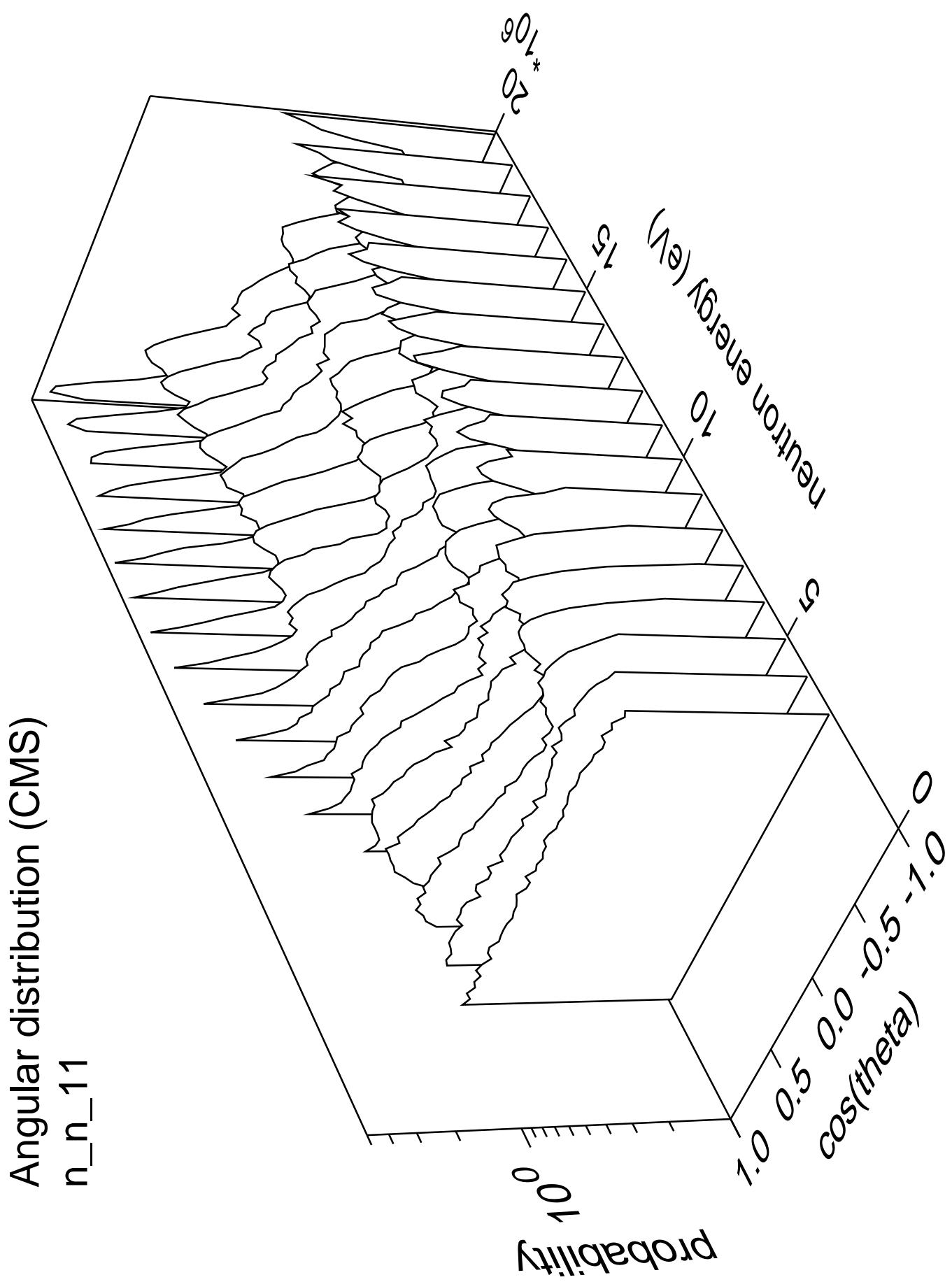


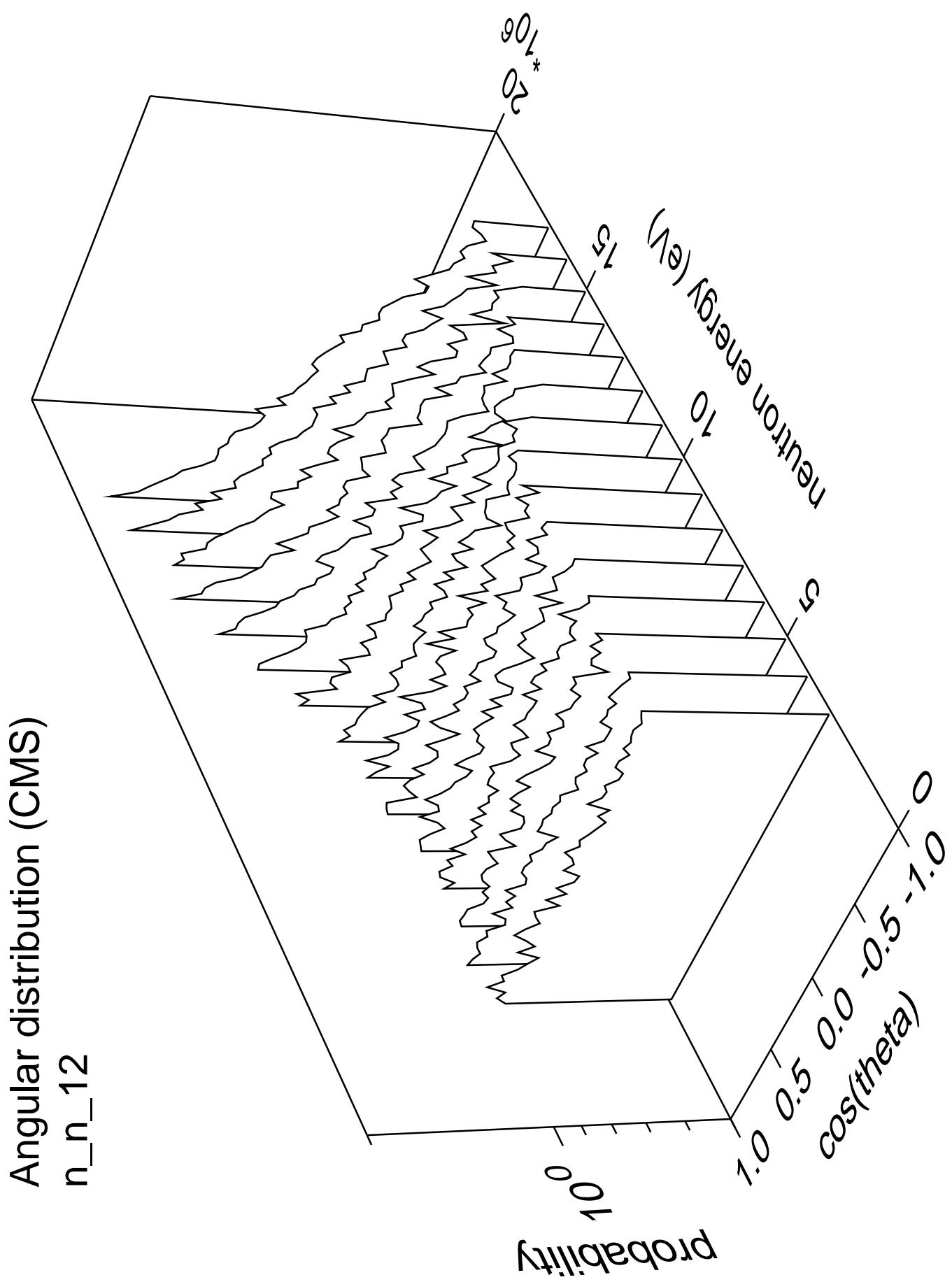


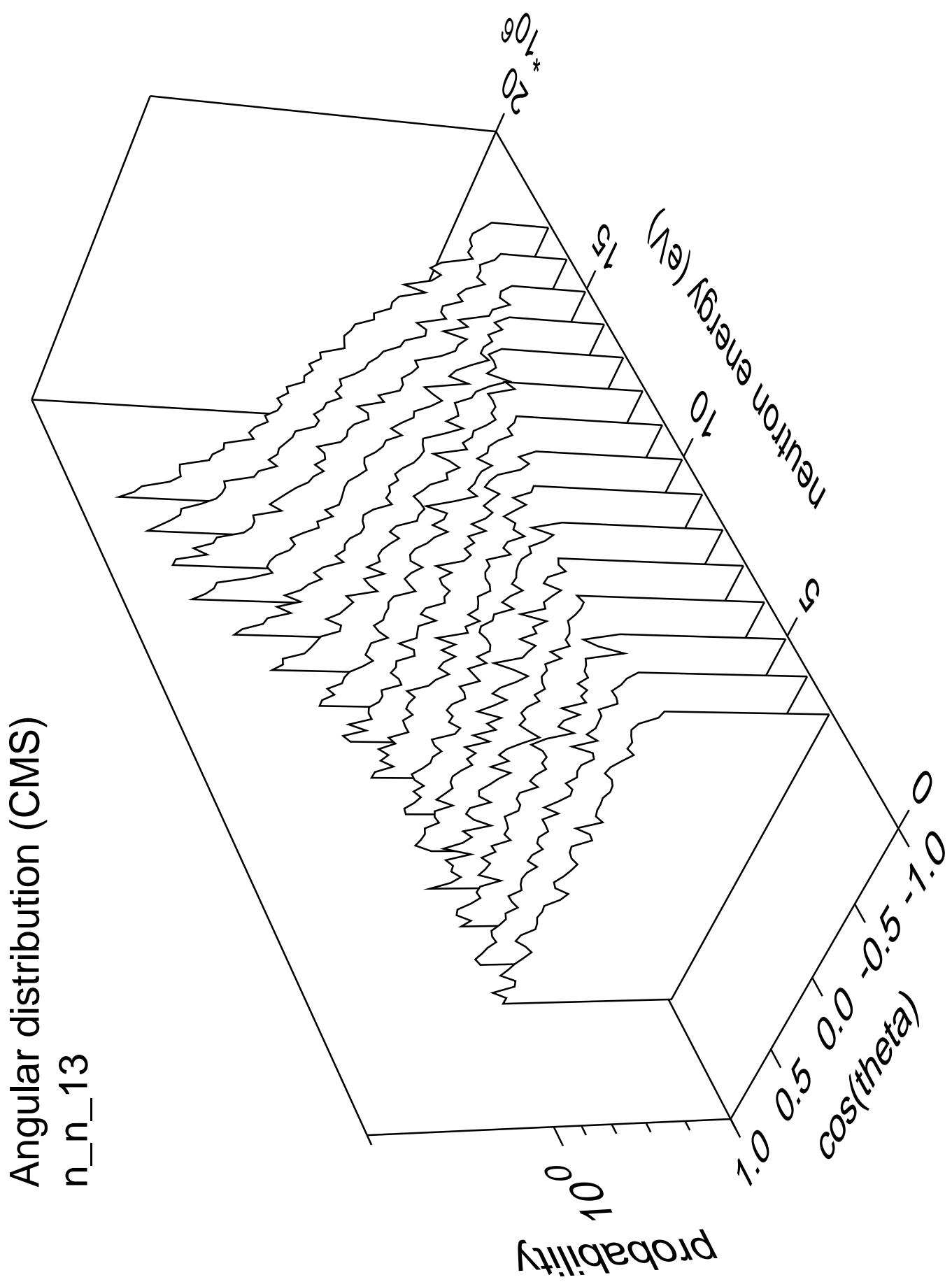


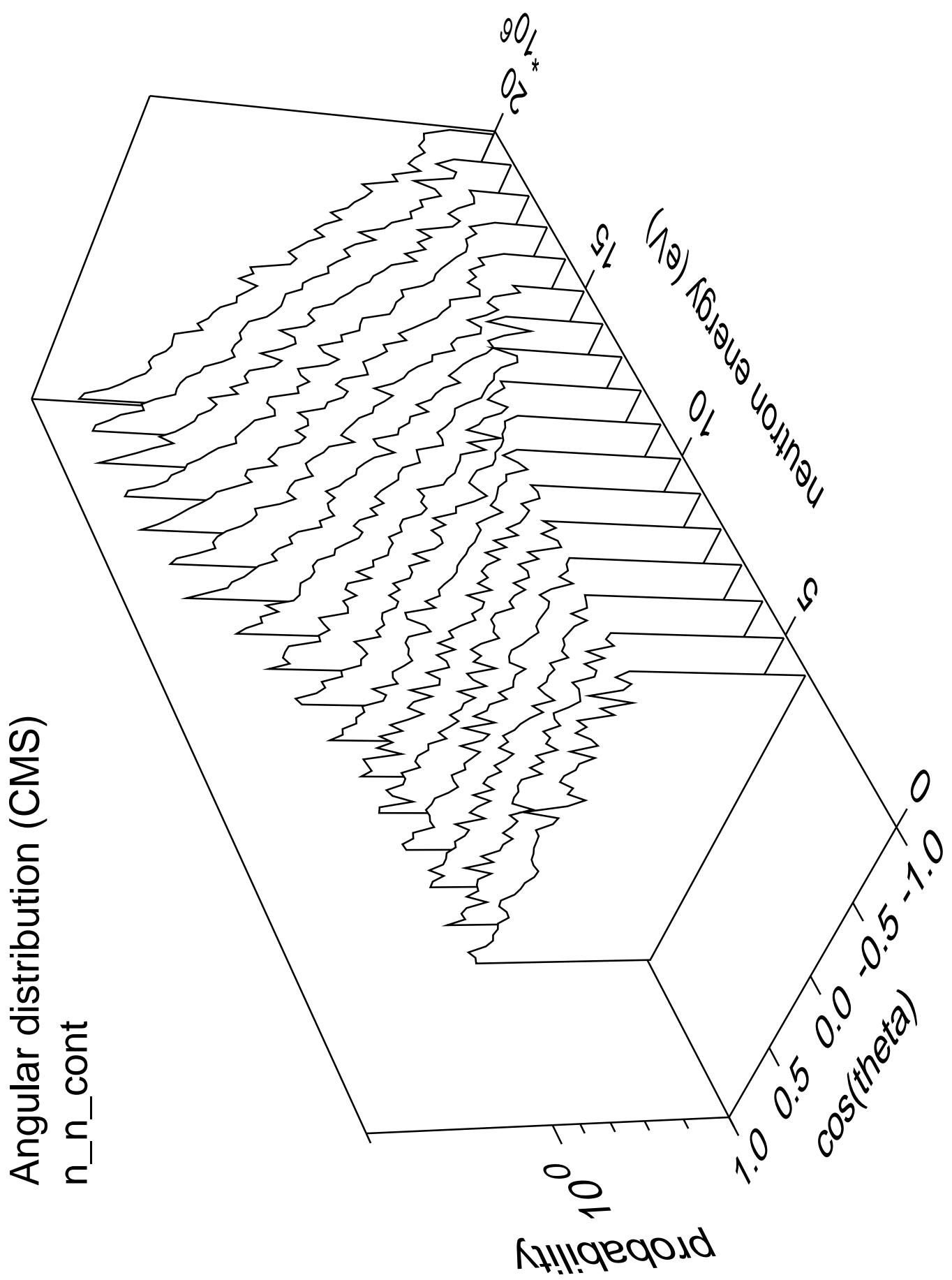


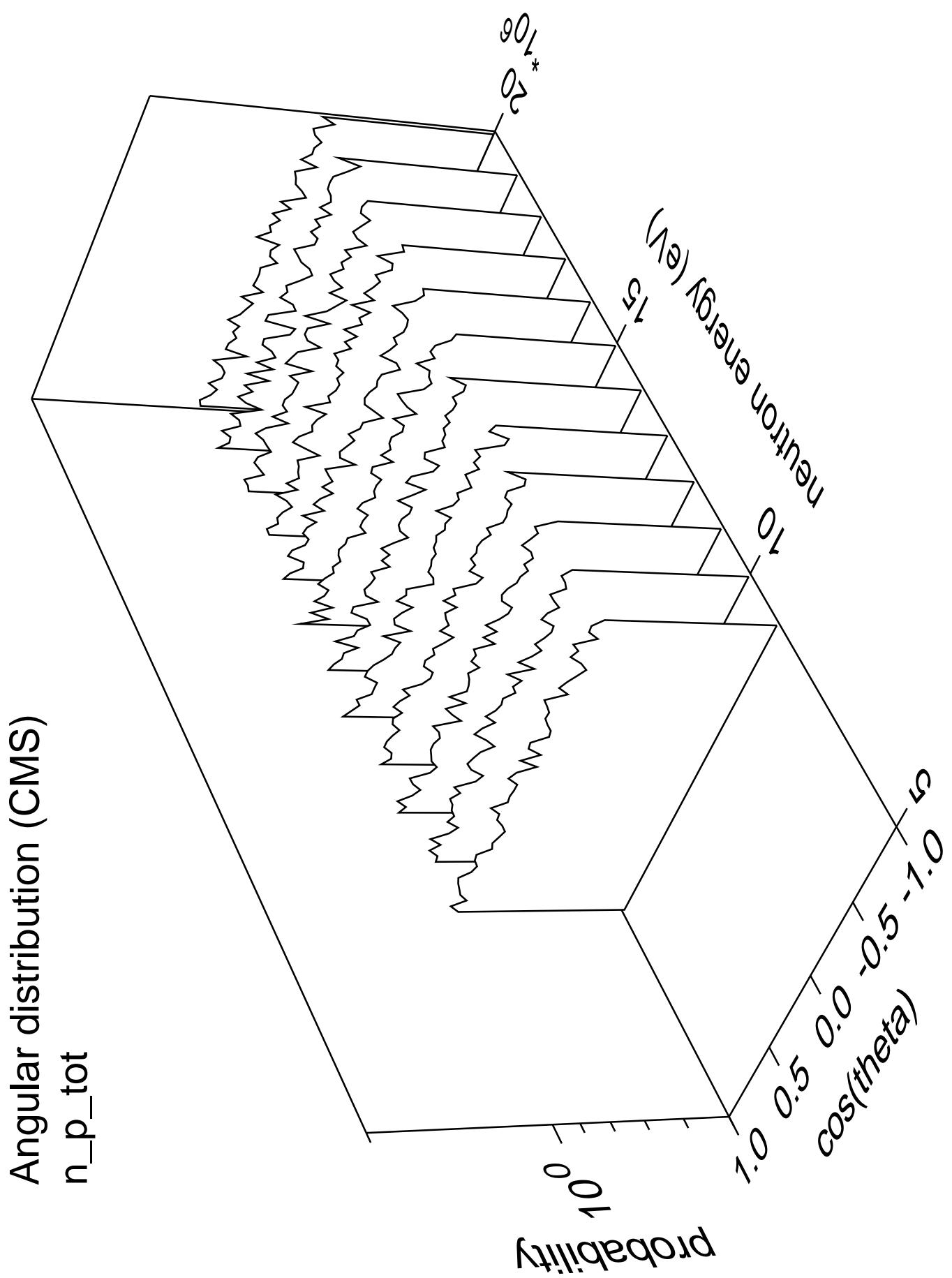


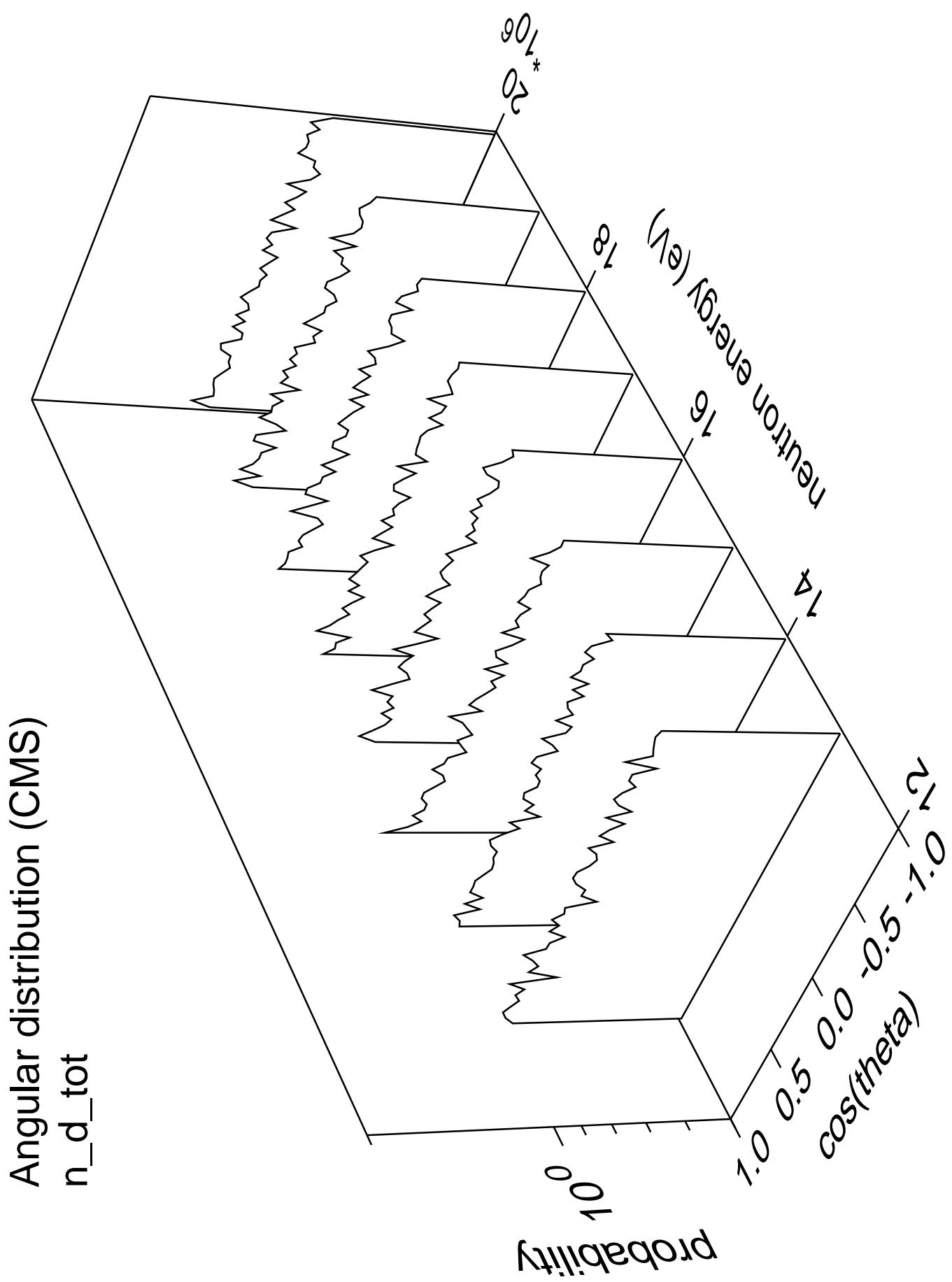


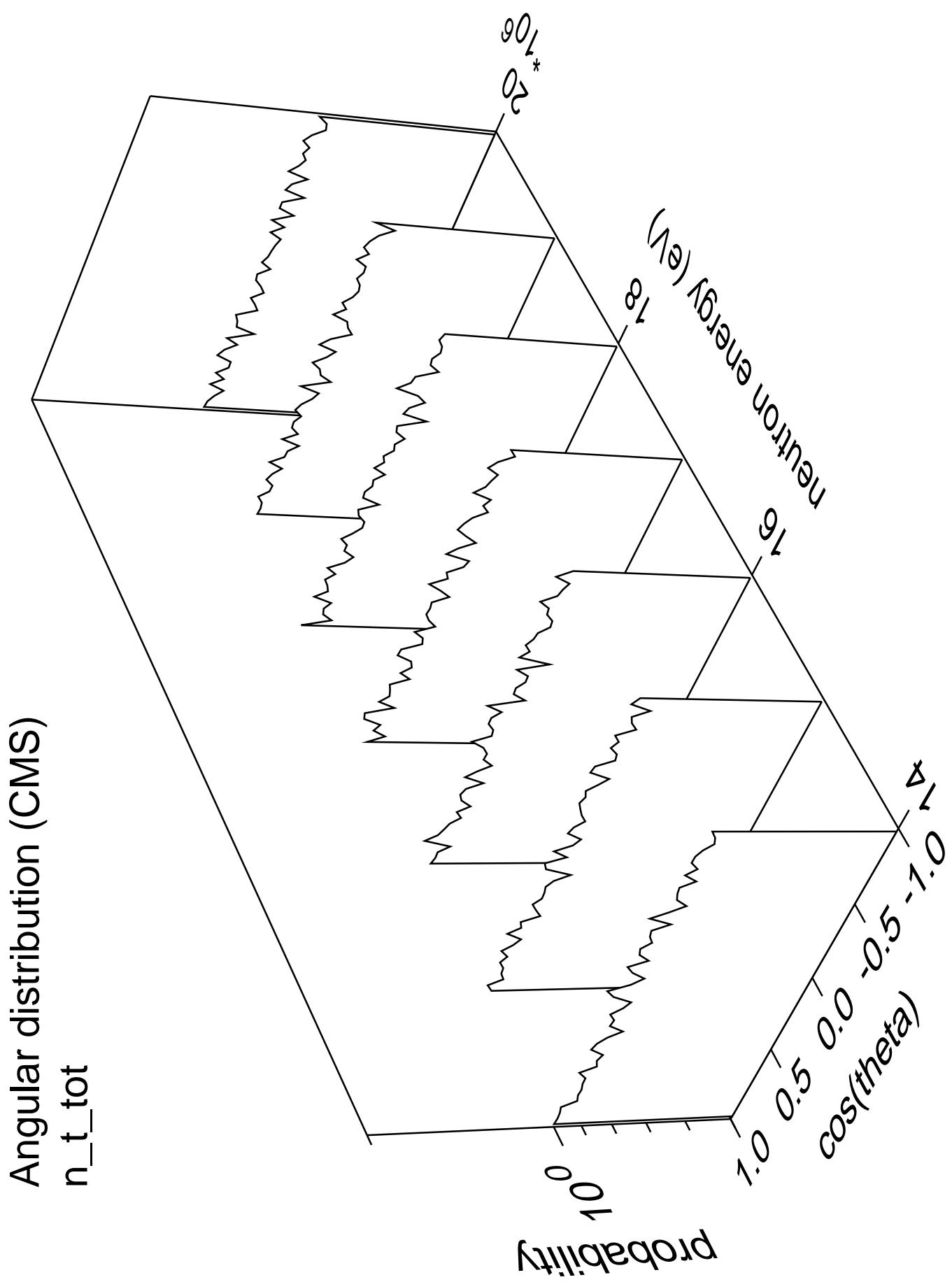


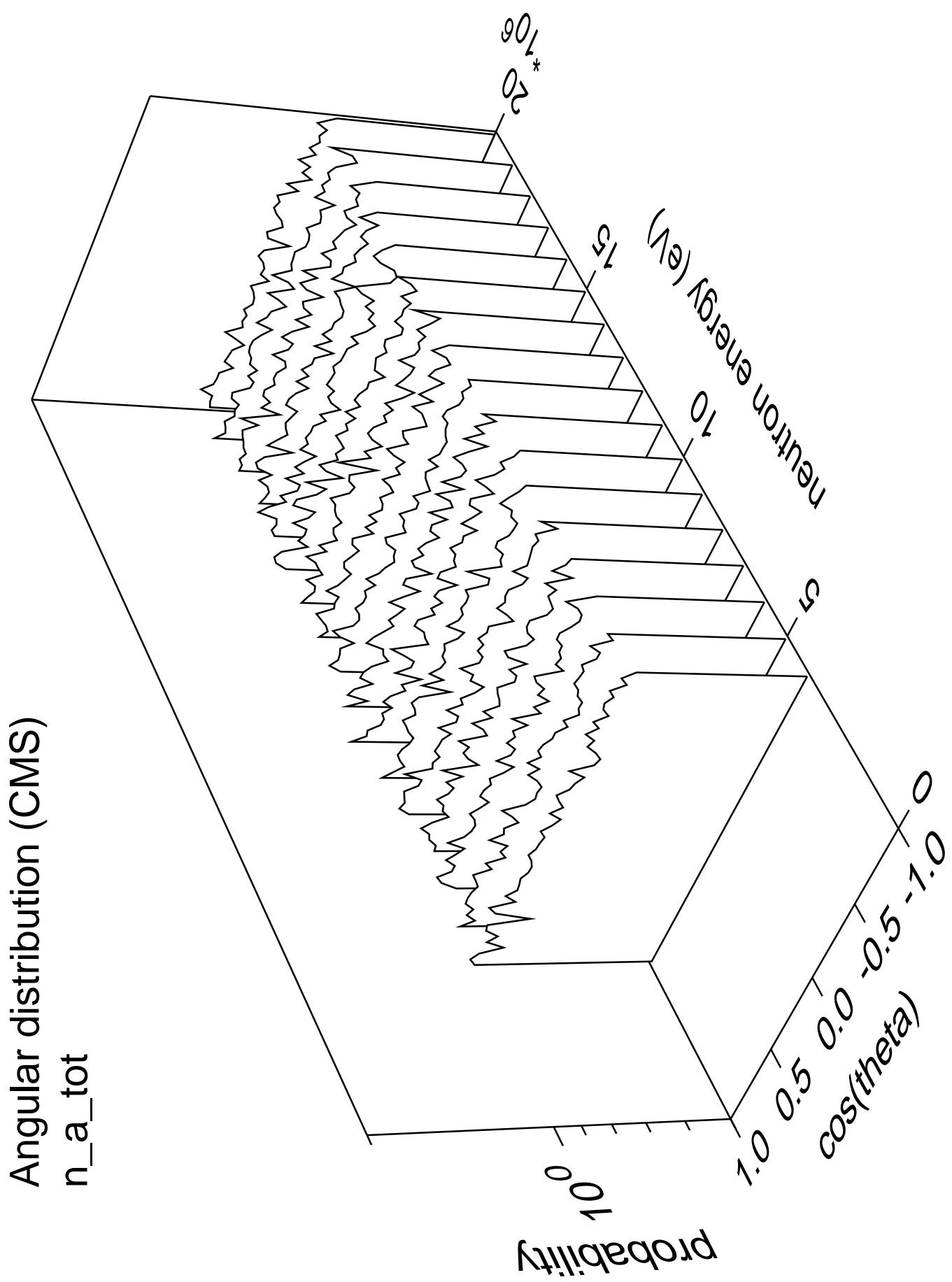


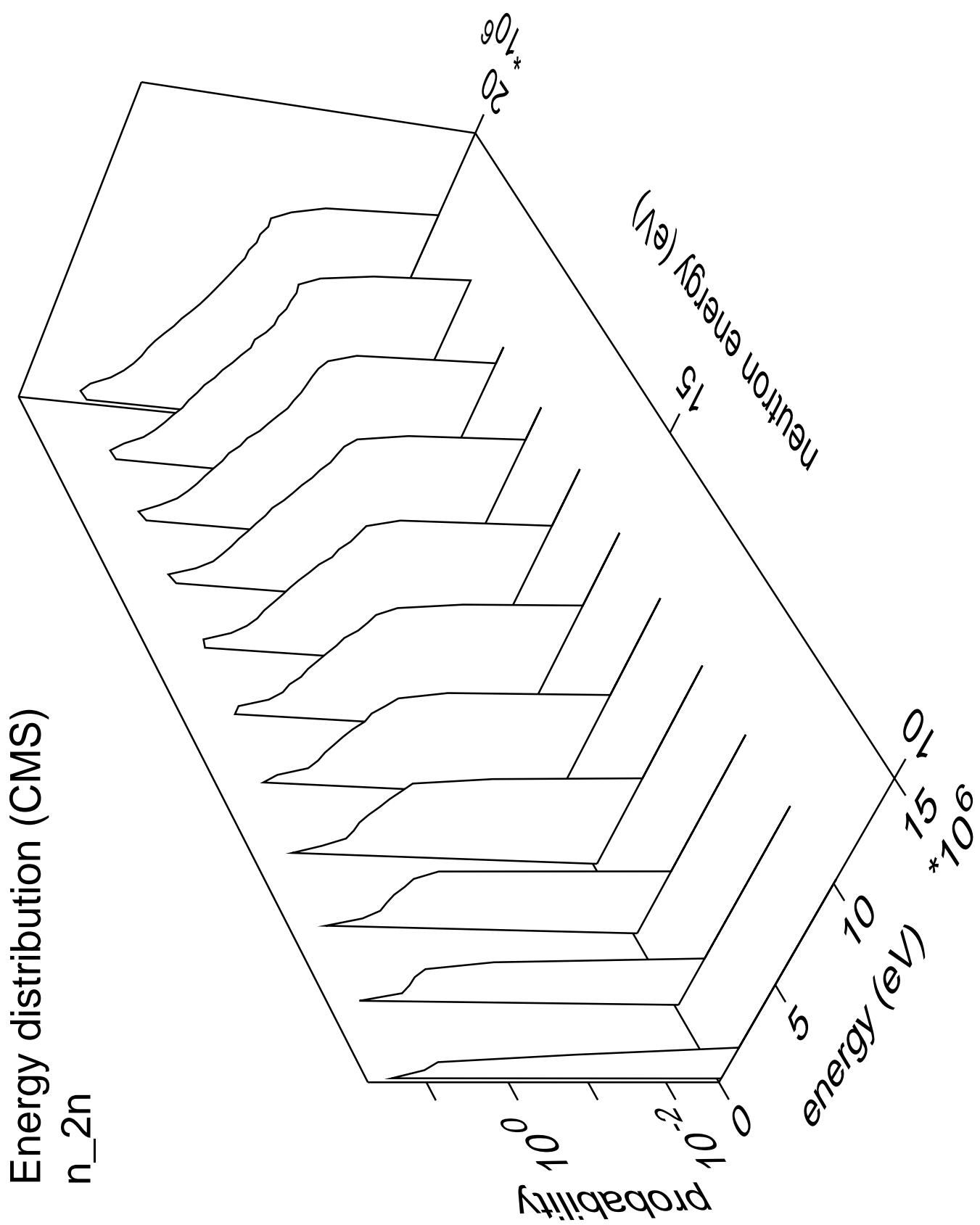




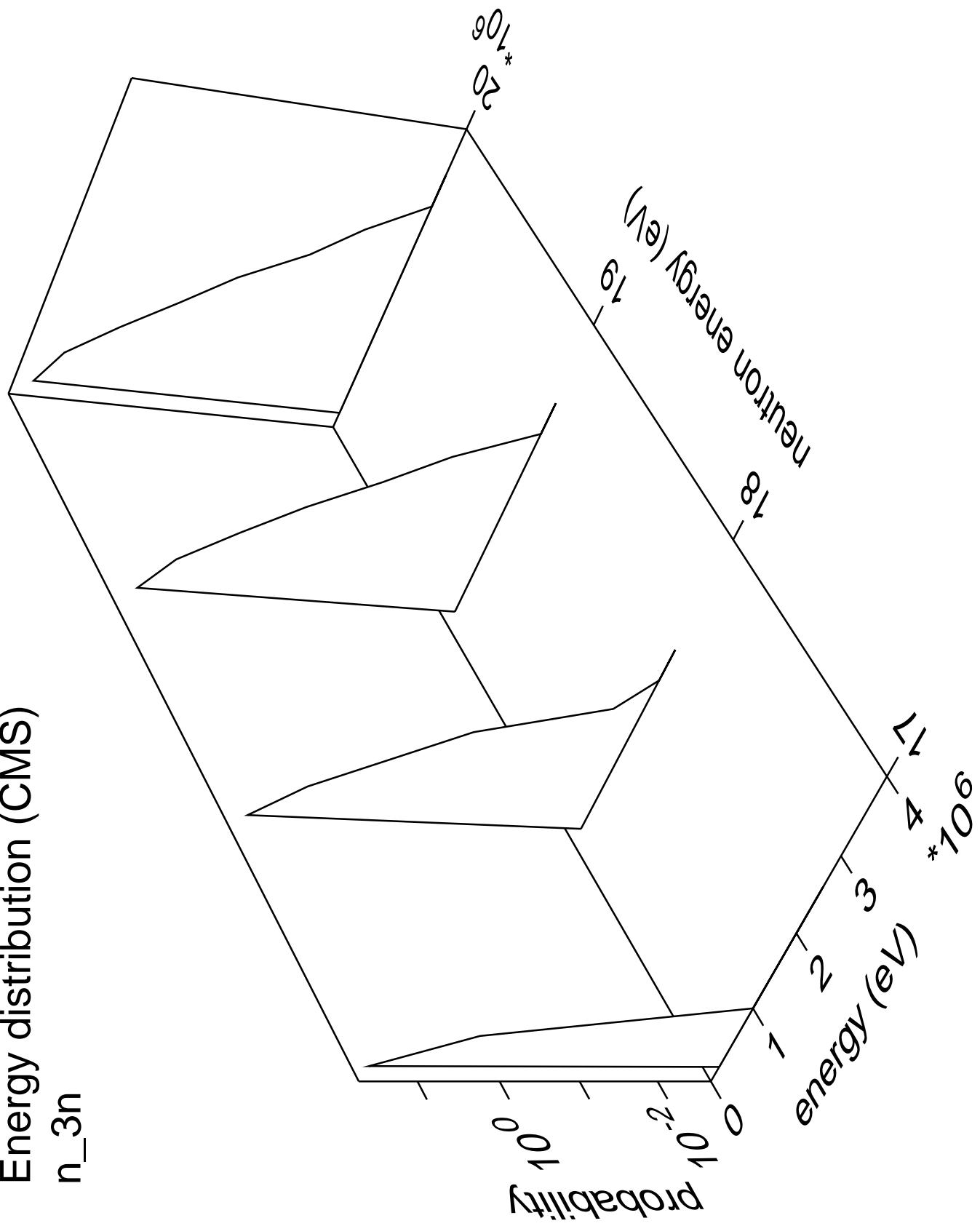


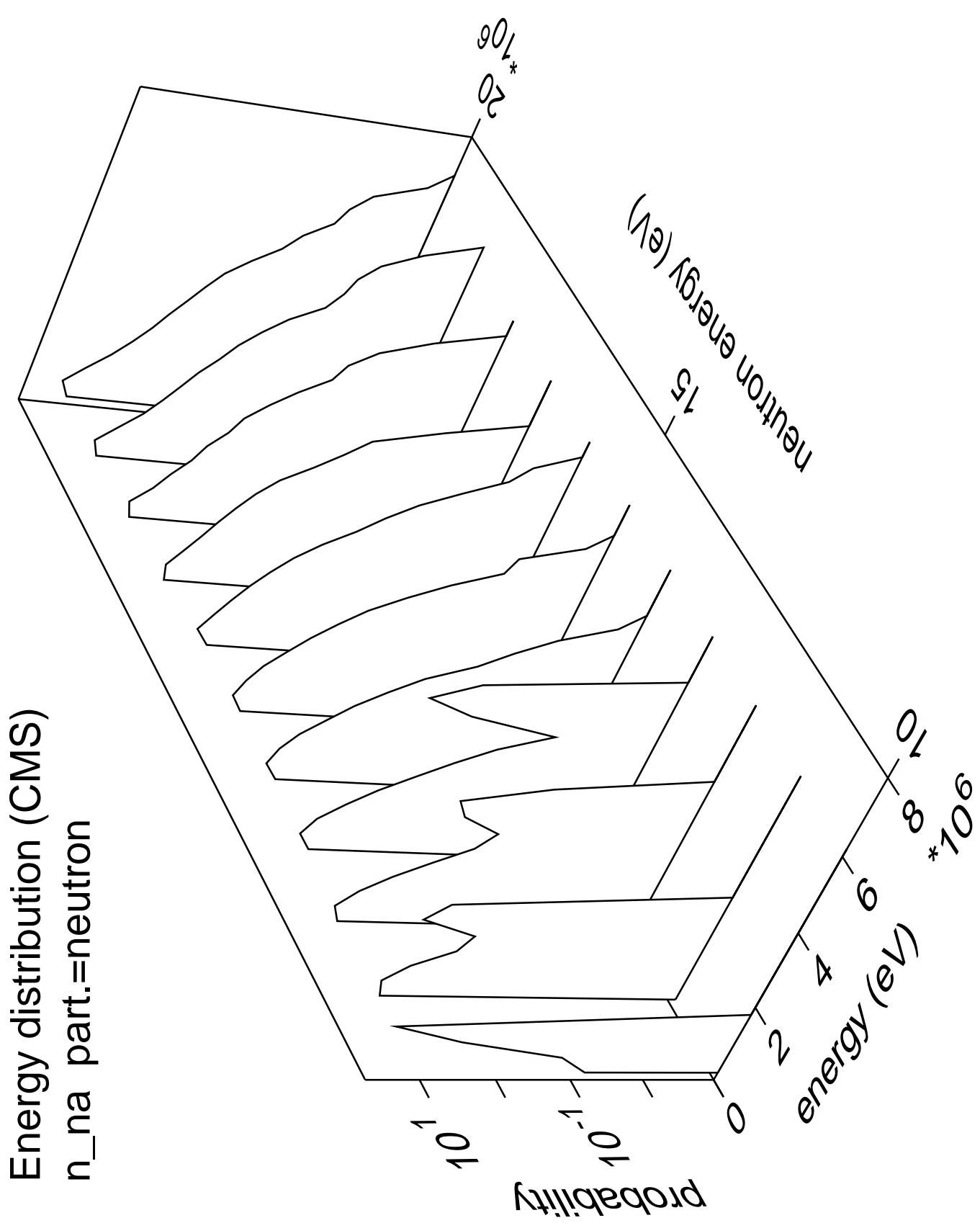




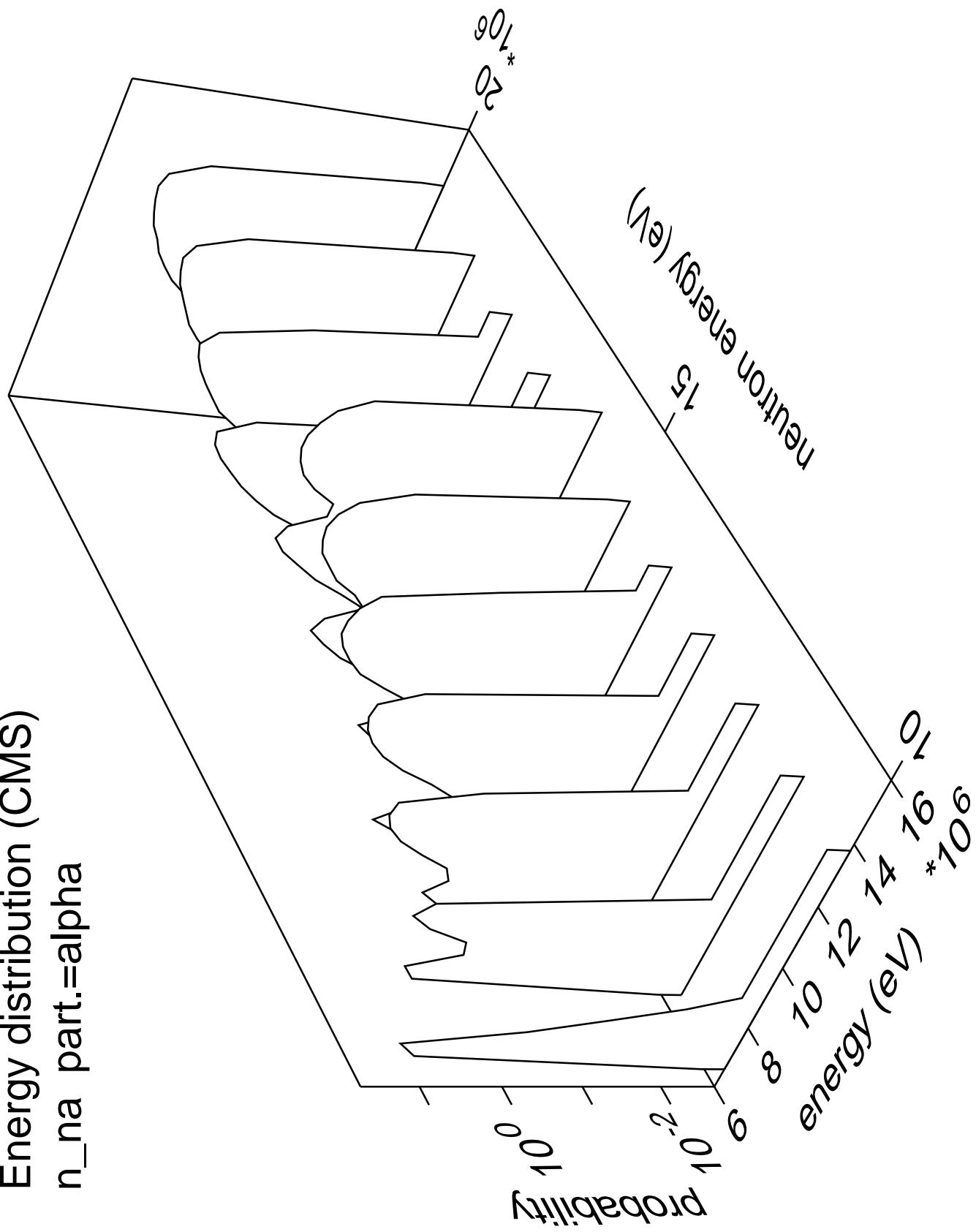


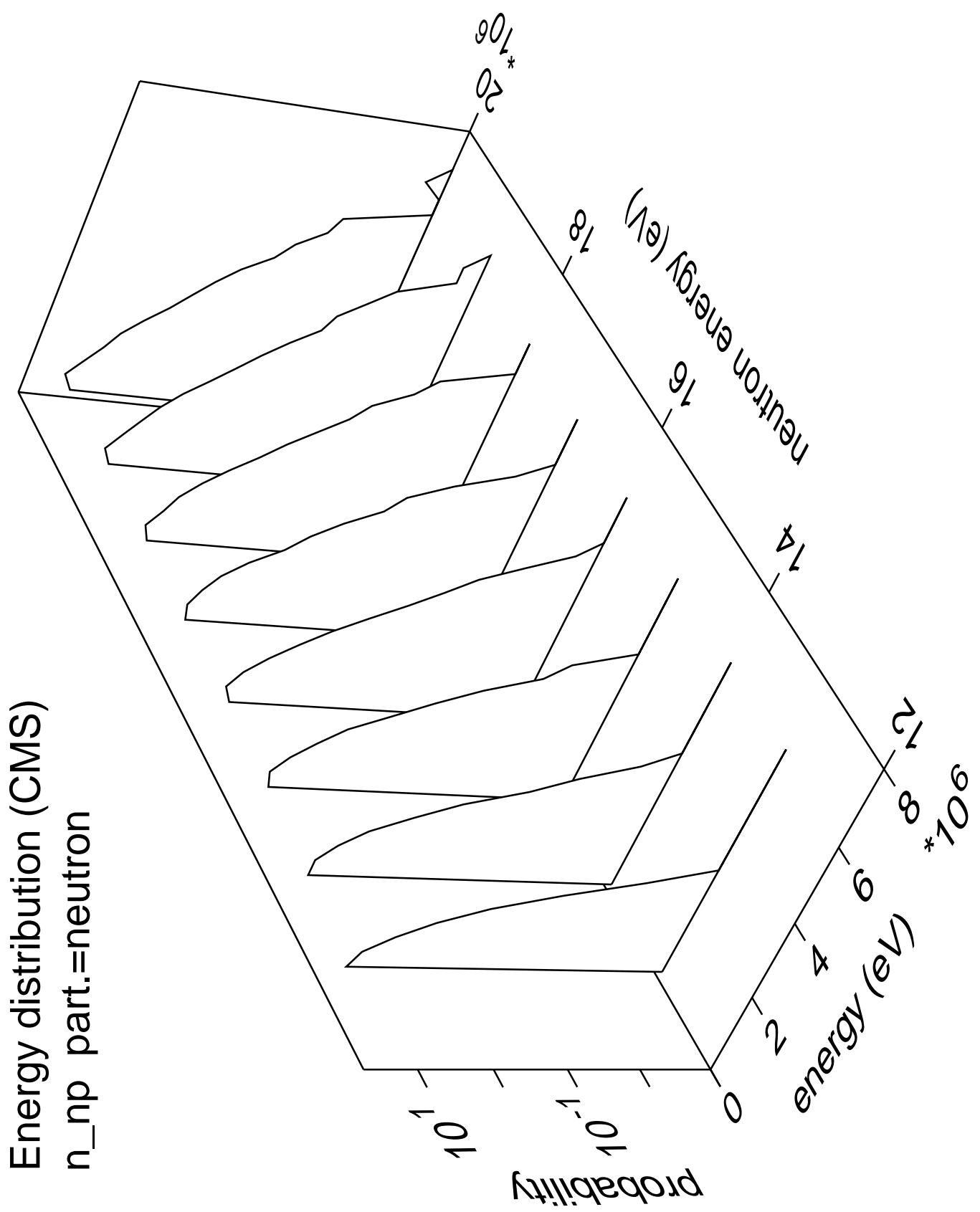
Energy distribution (CMS) n_{3n}

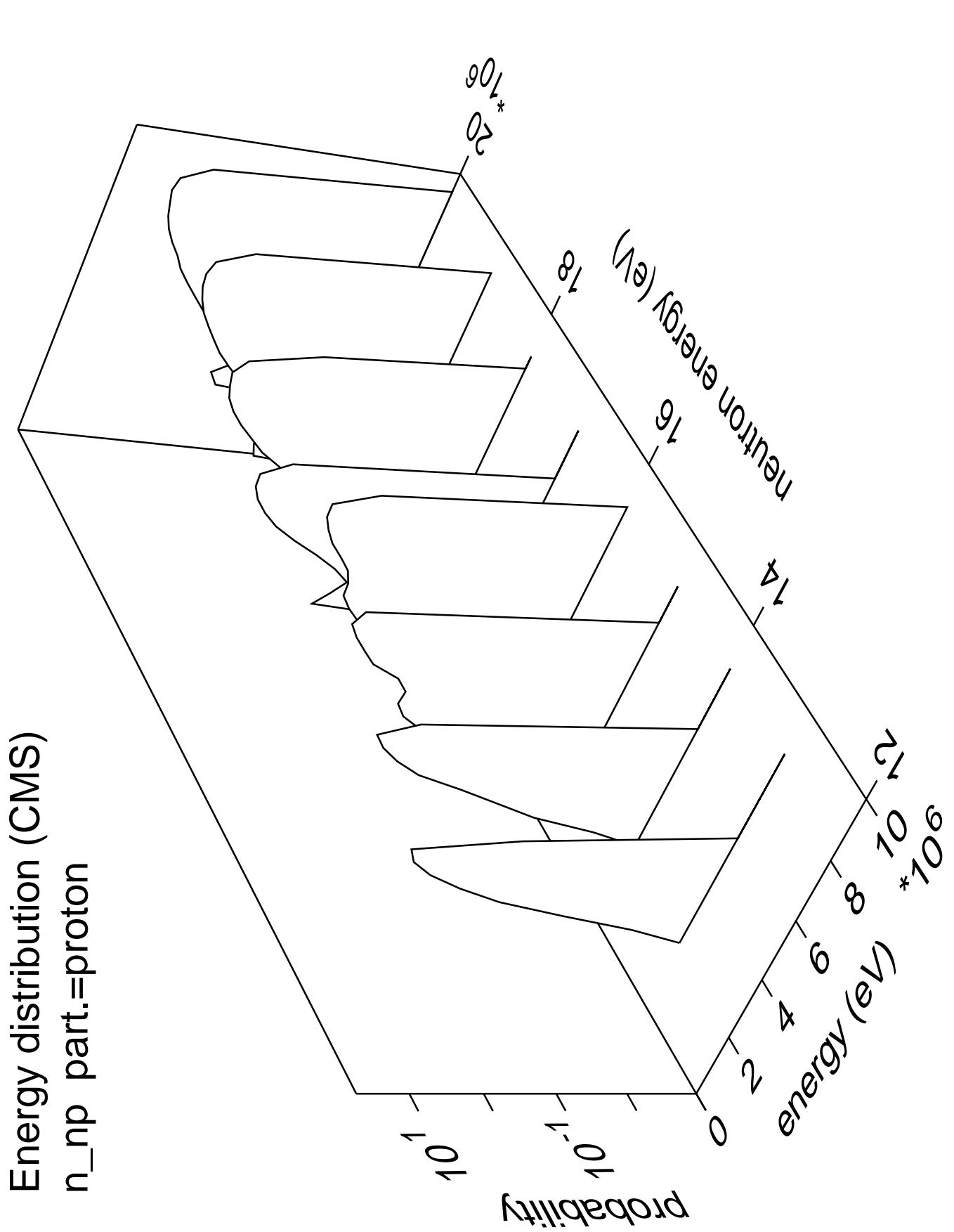


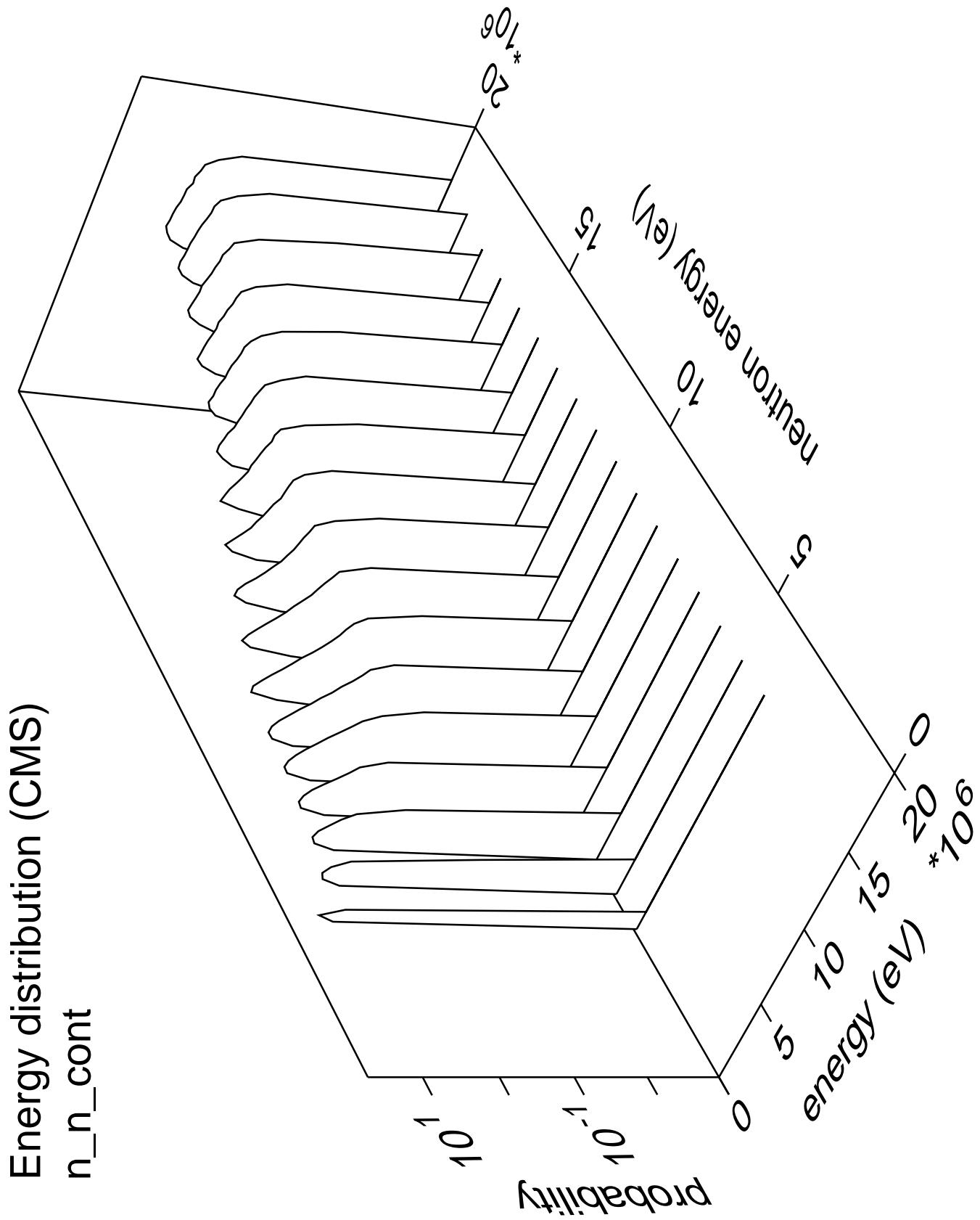


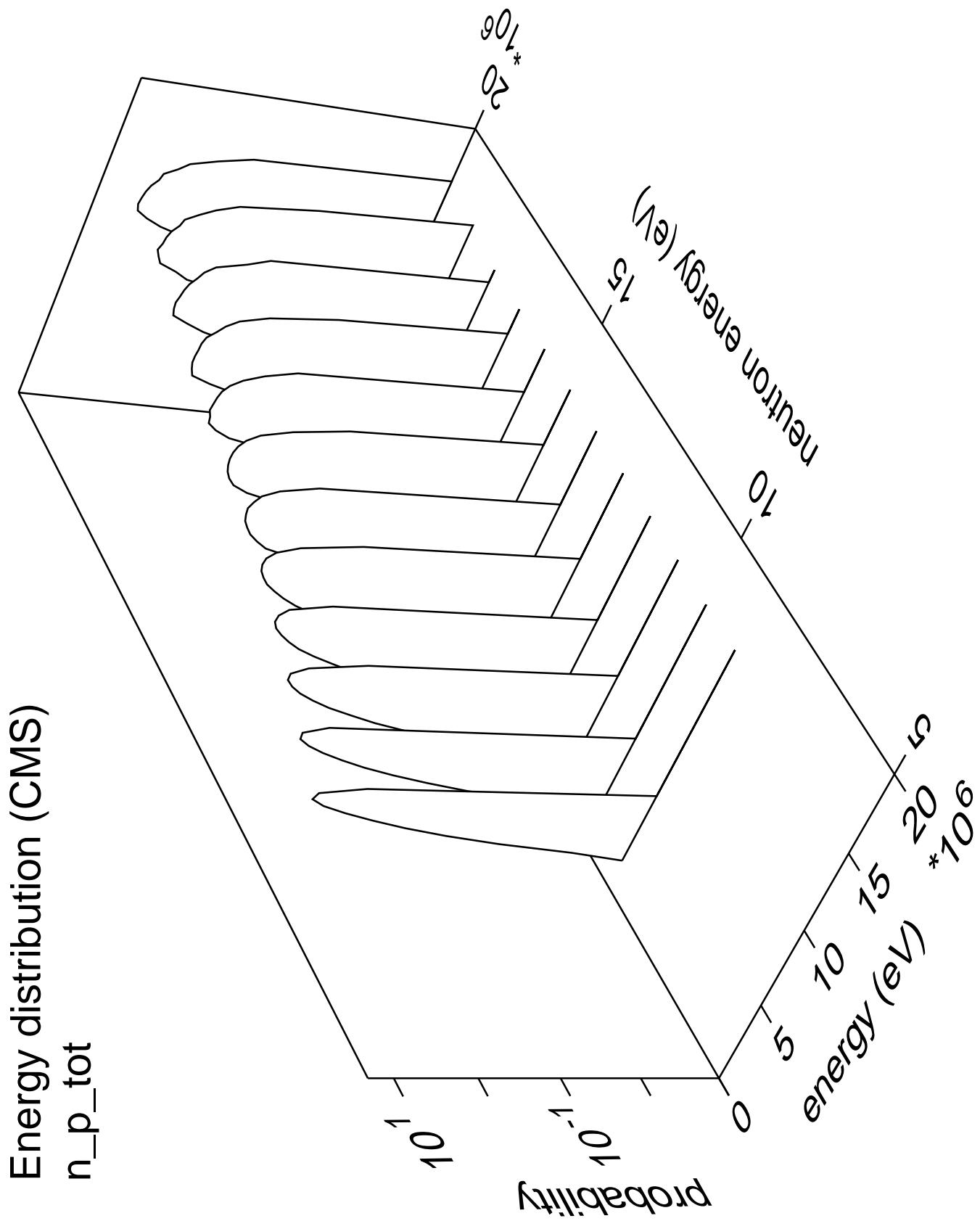
Energy distribution (CMS)
 $n_{\text{na}} \text{ part.} = \alpha$

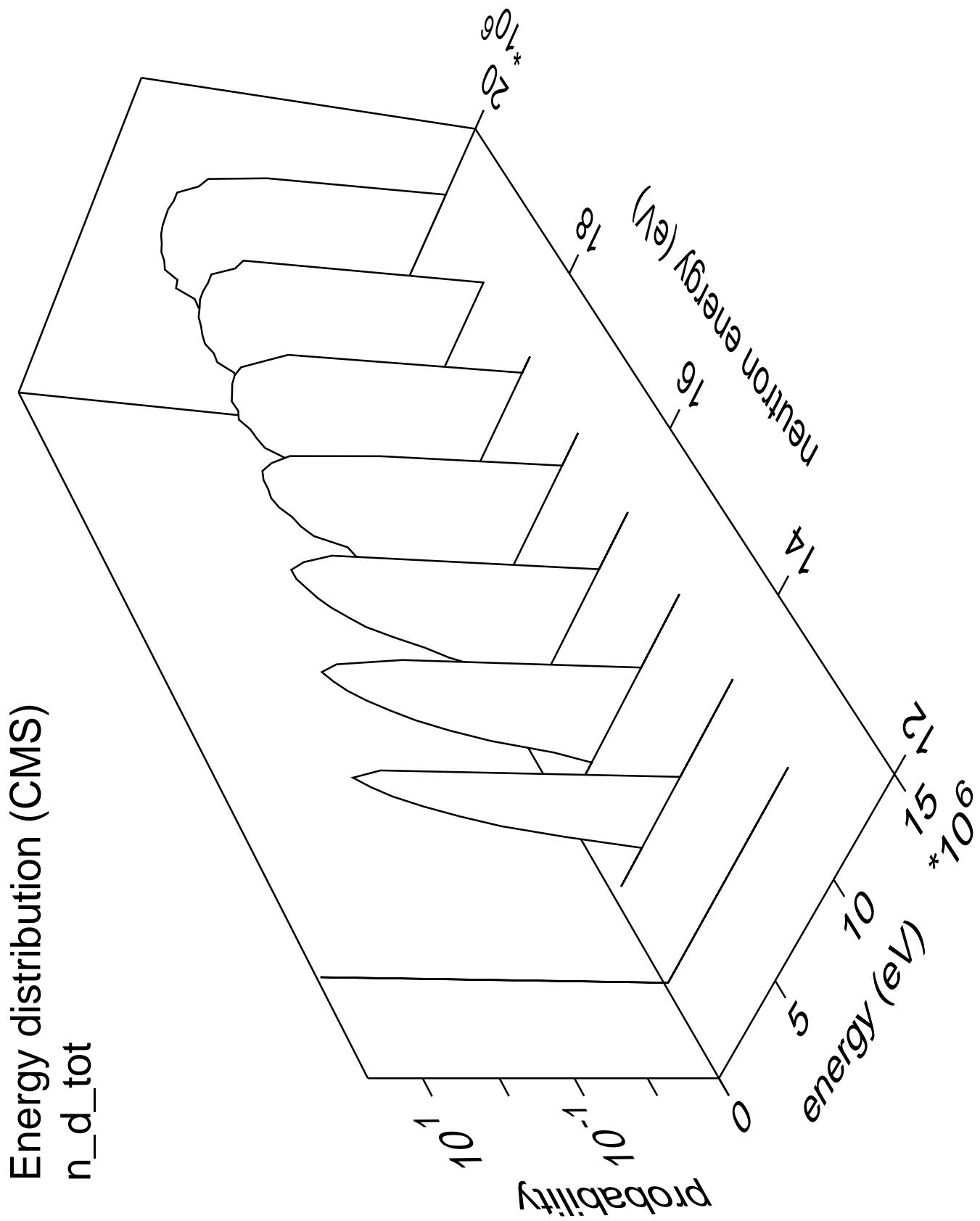


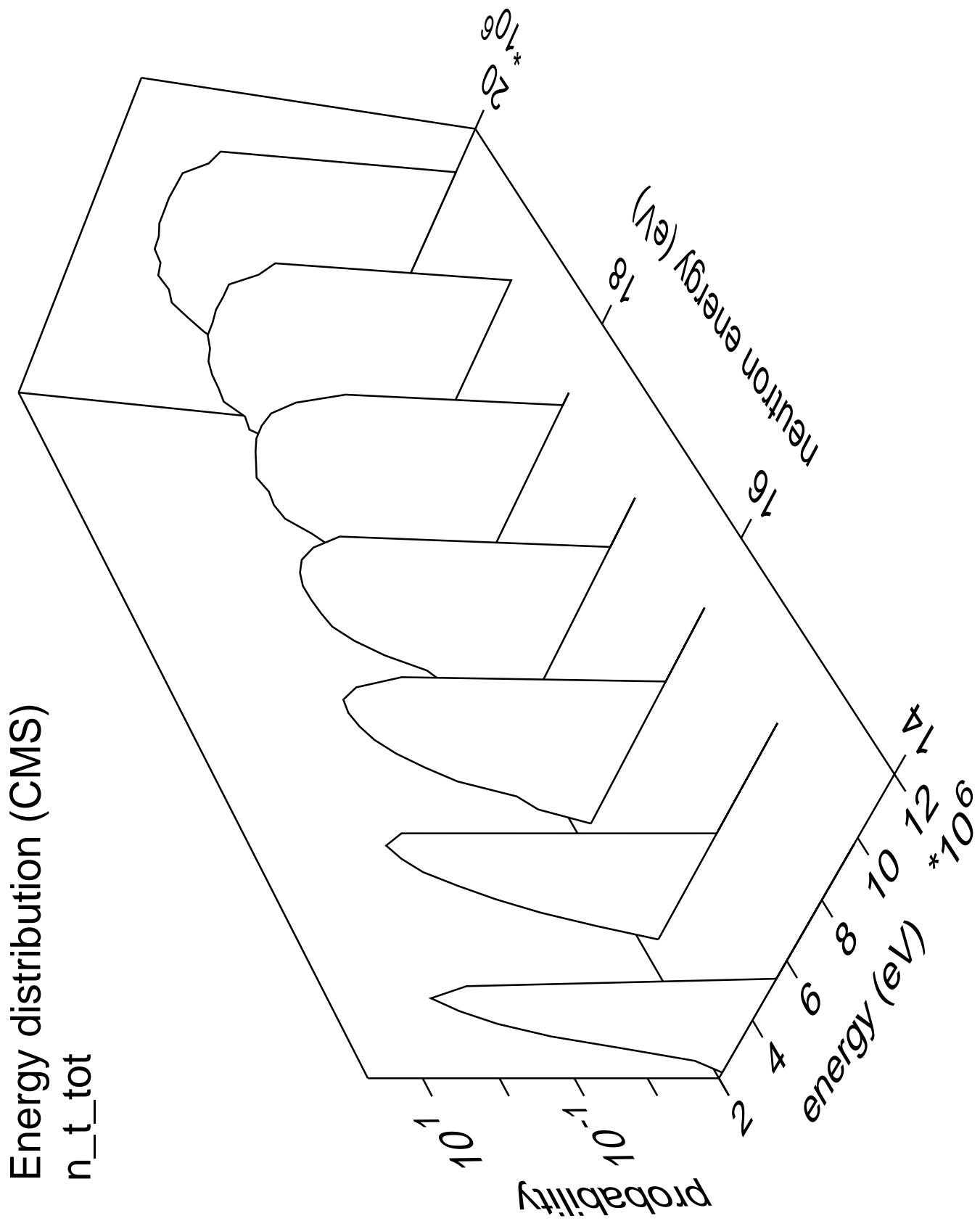


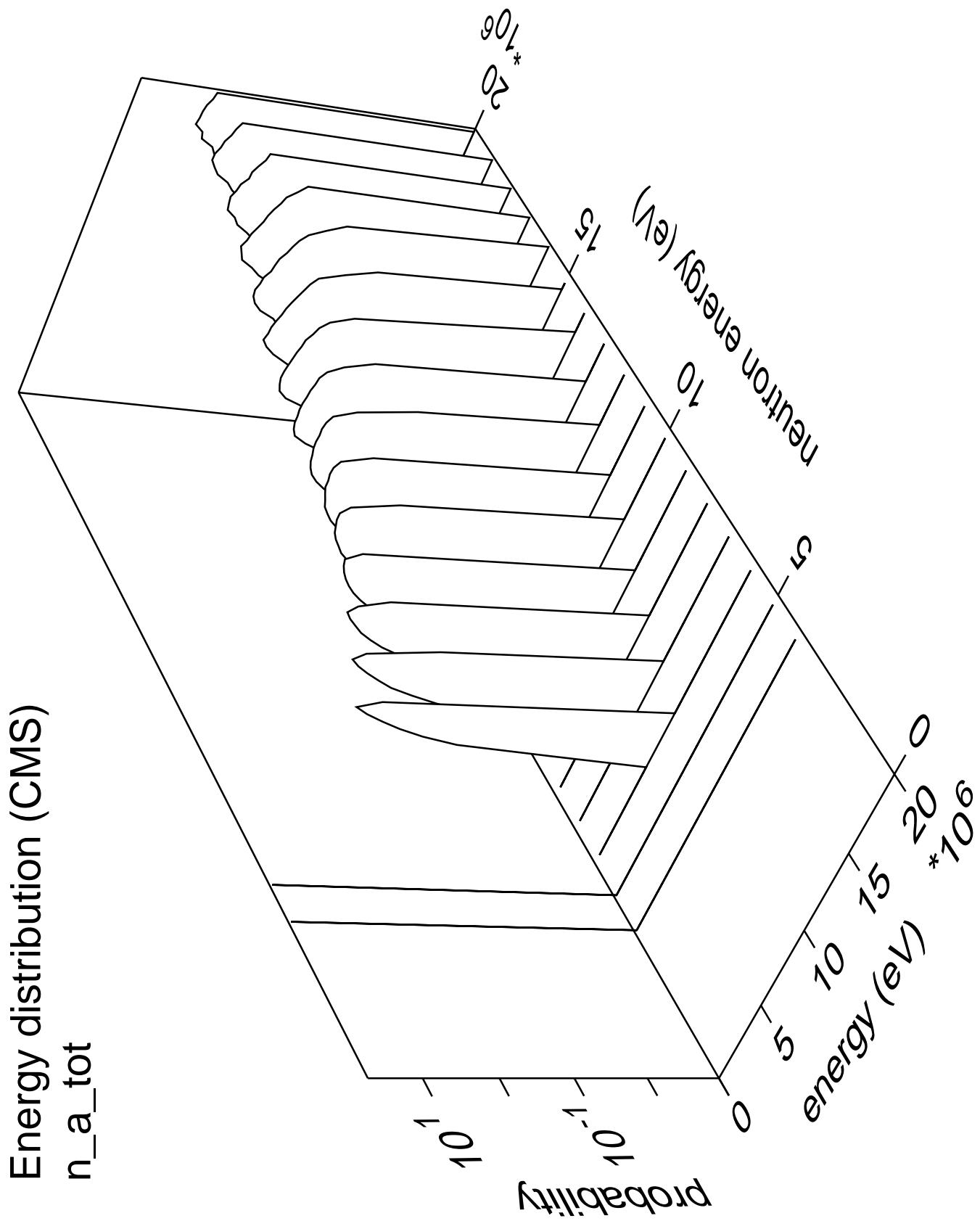




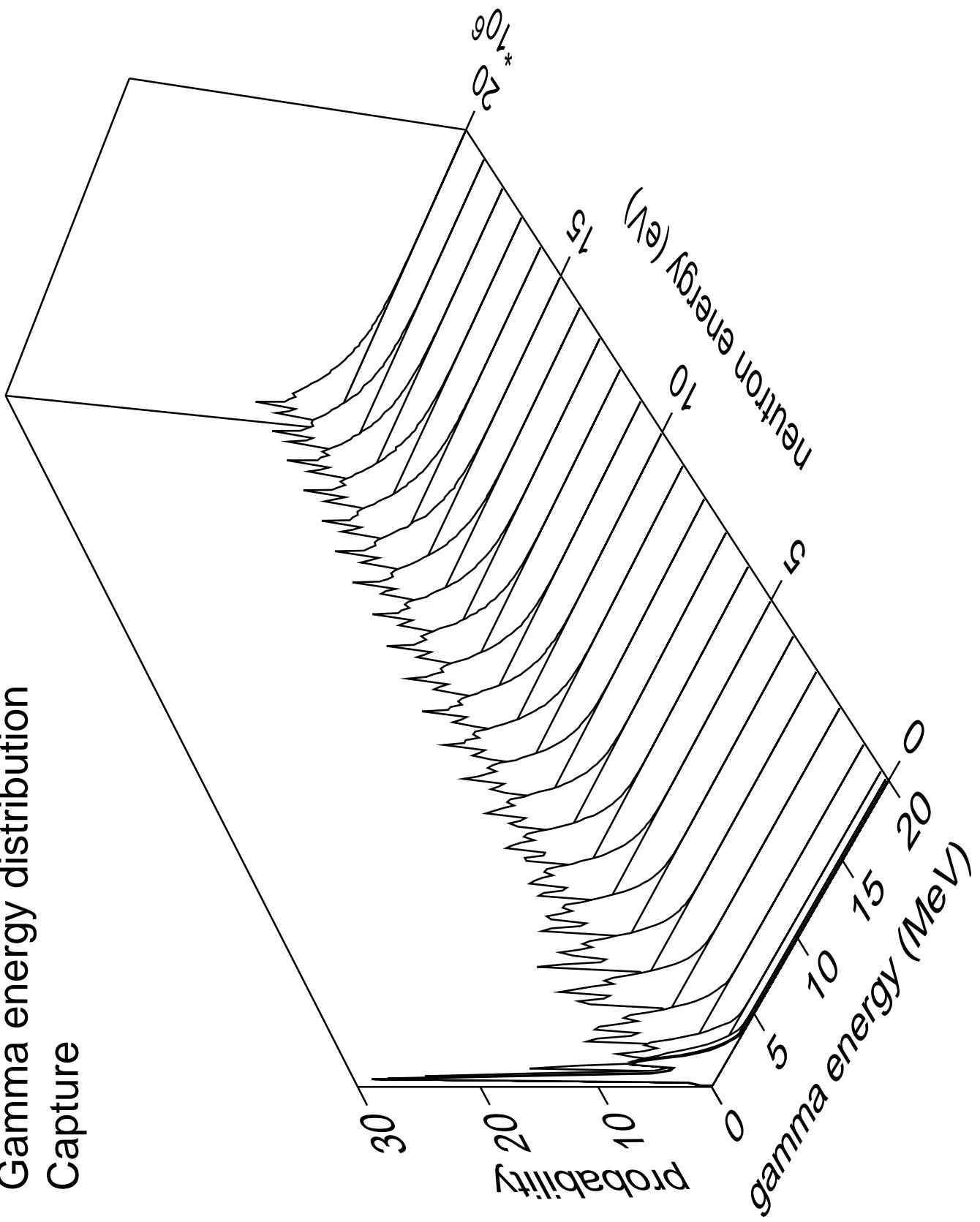




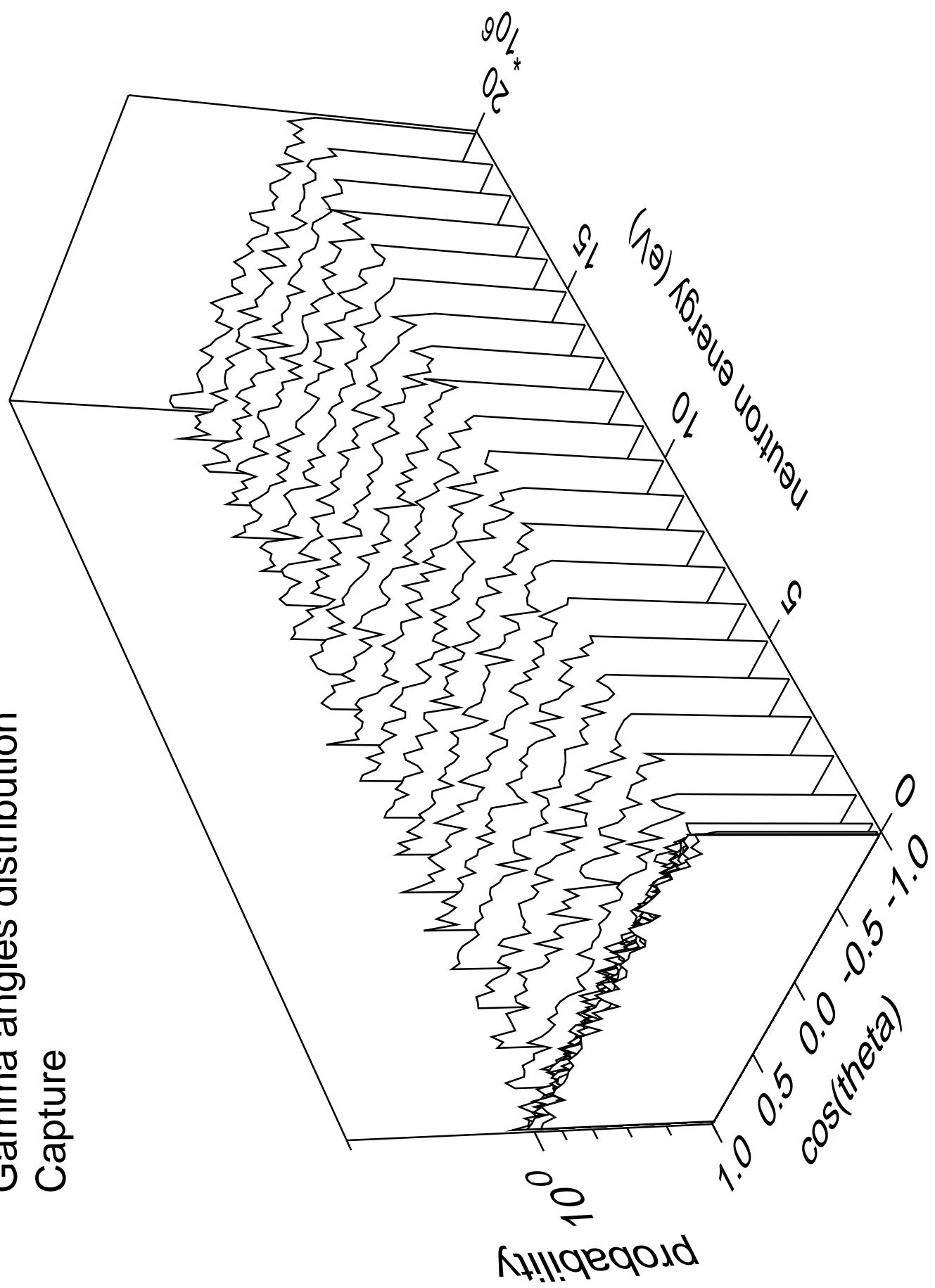




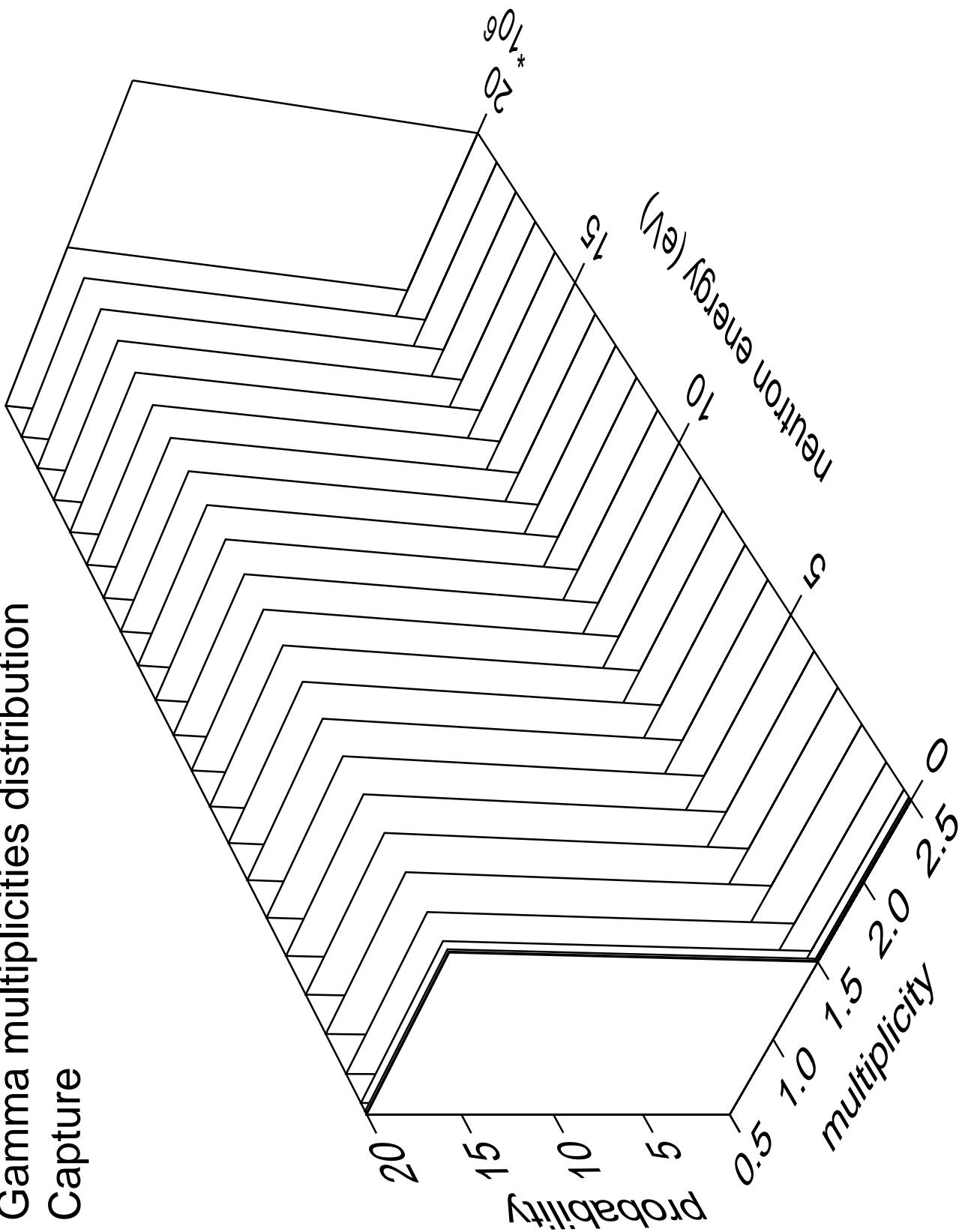
Gamma energy distribution Capture



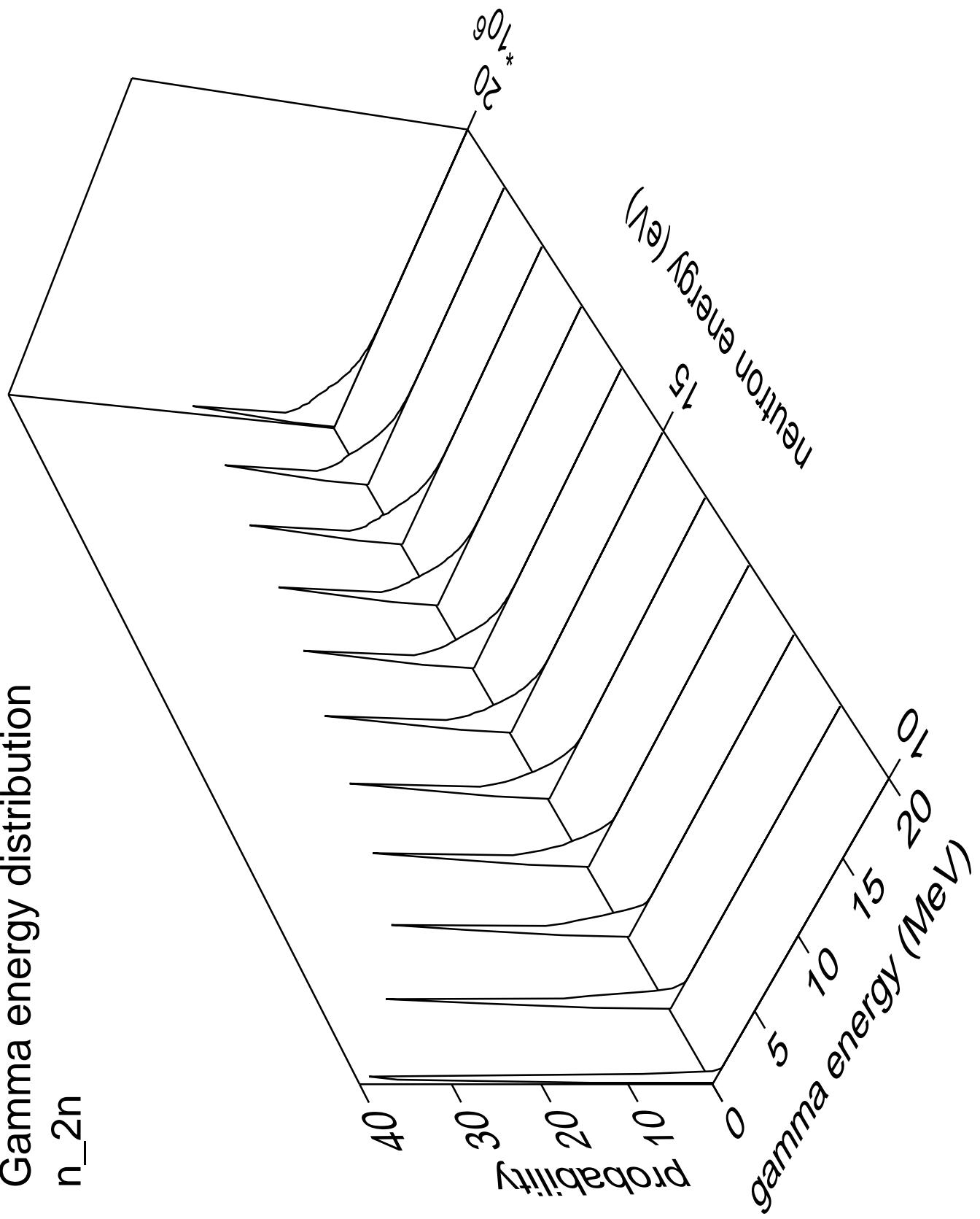
Gamma angles distribution Capture



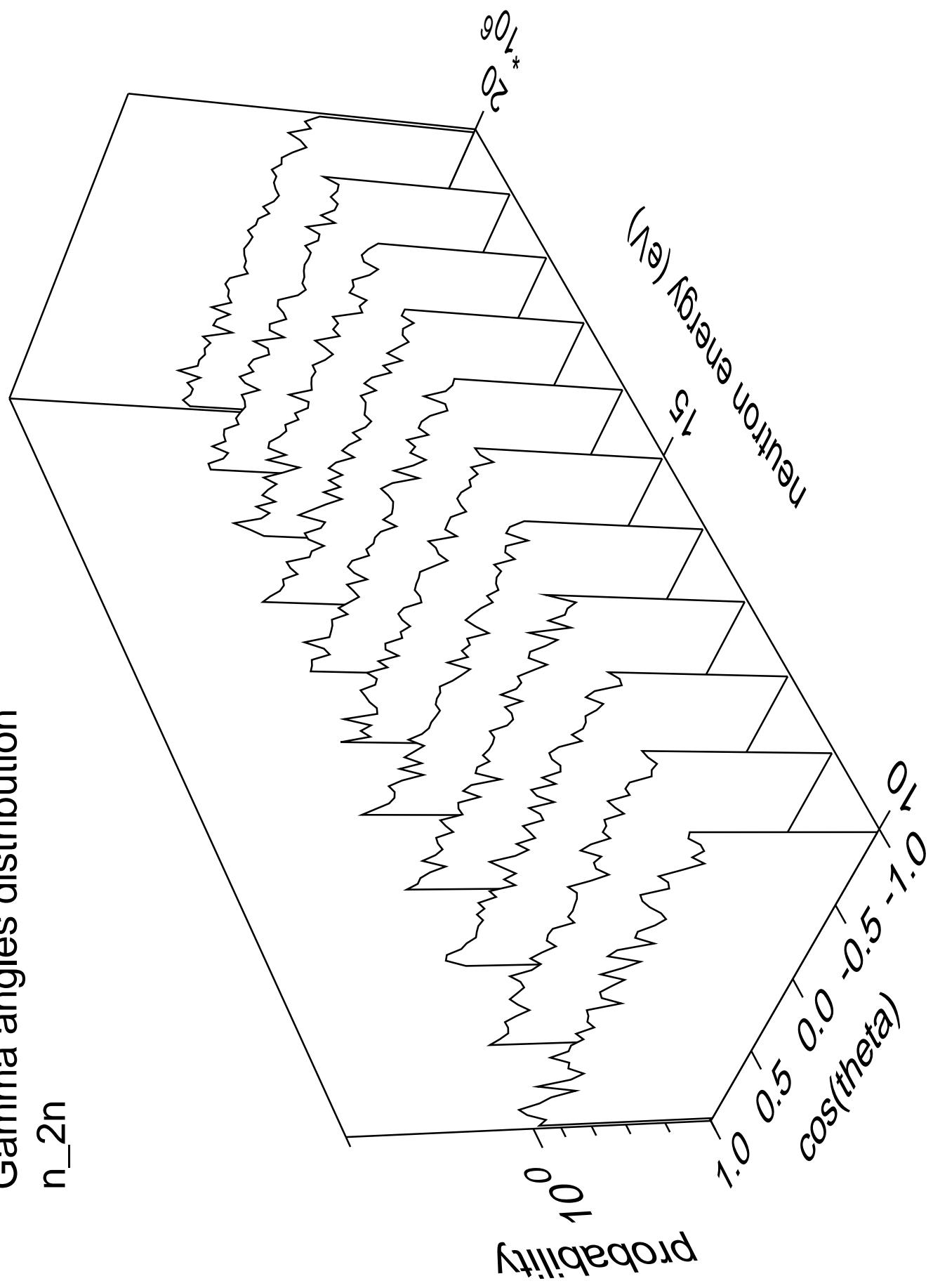
Gamma multiplicities distribution Capture

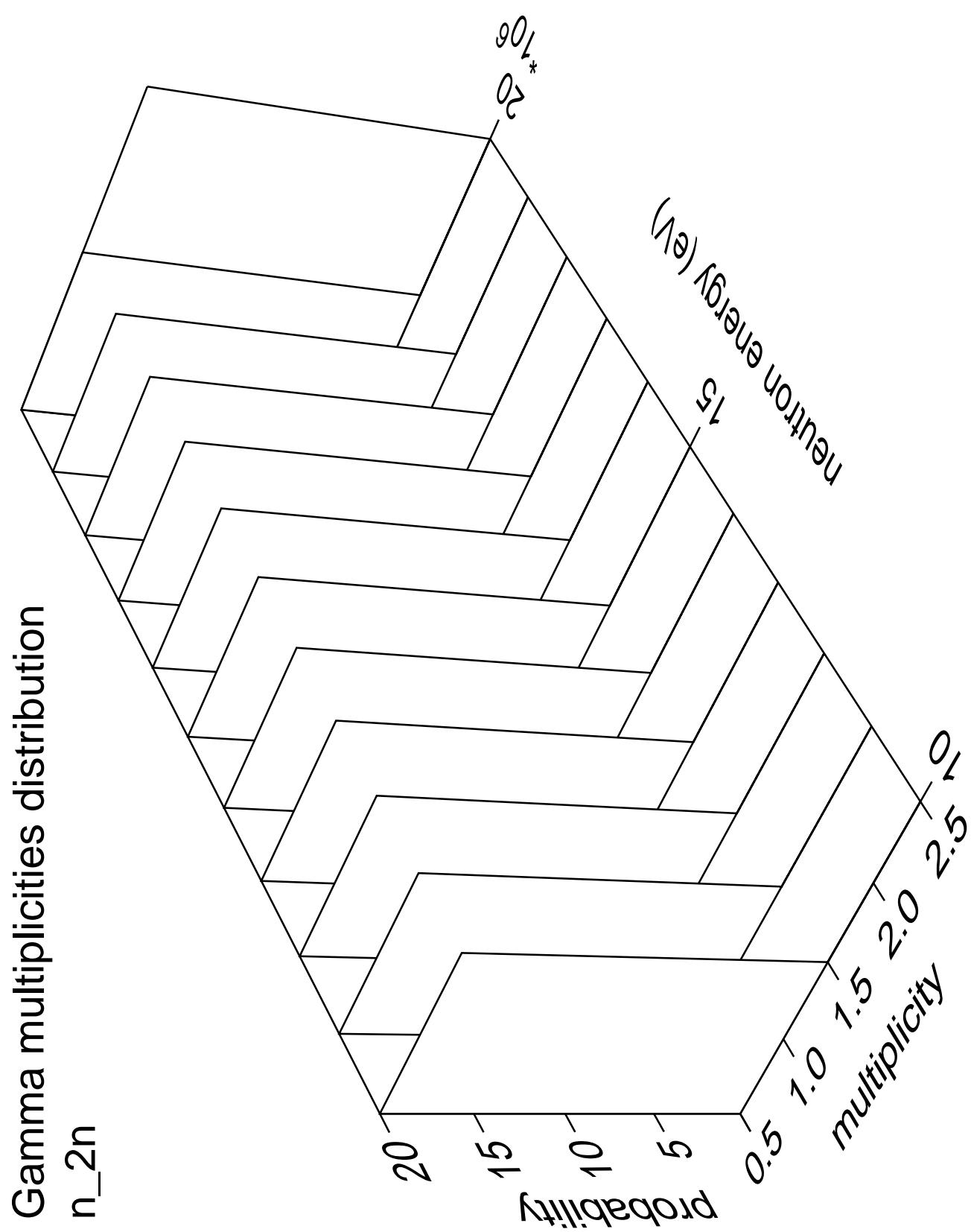


Gamma energy distribution n_{2n}

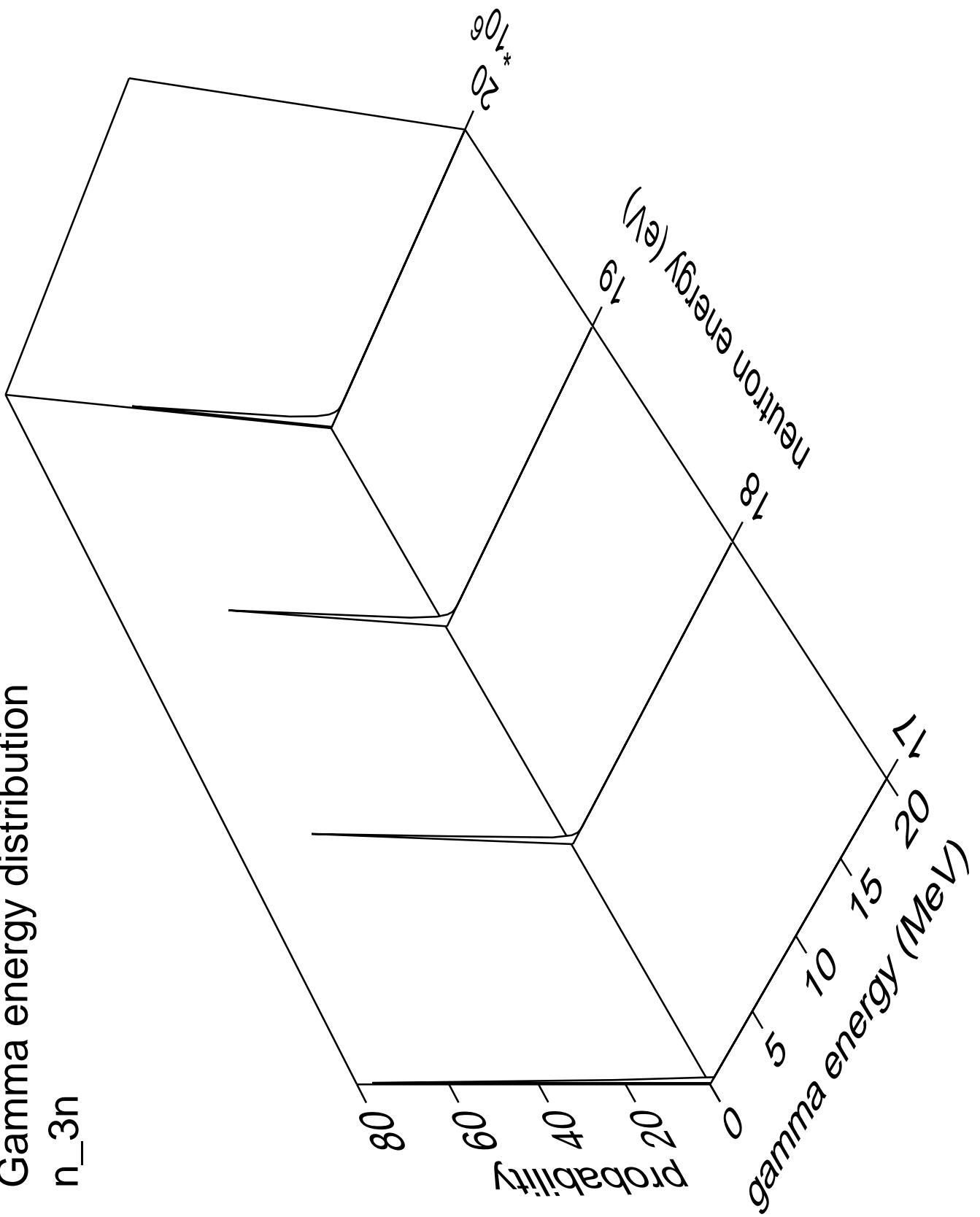


Gamma angles distribution
n_2n

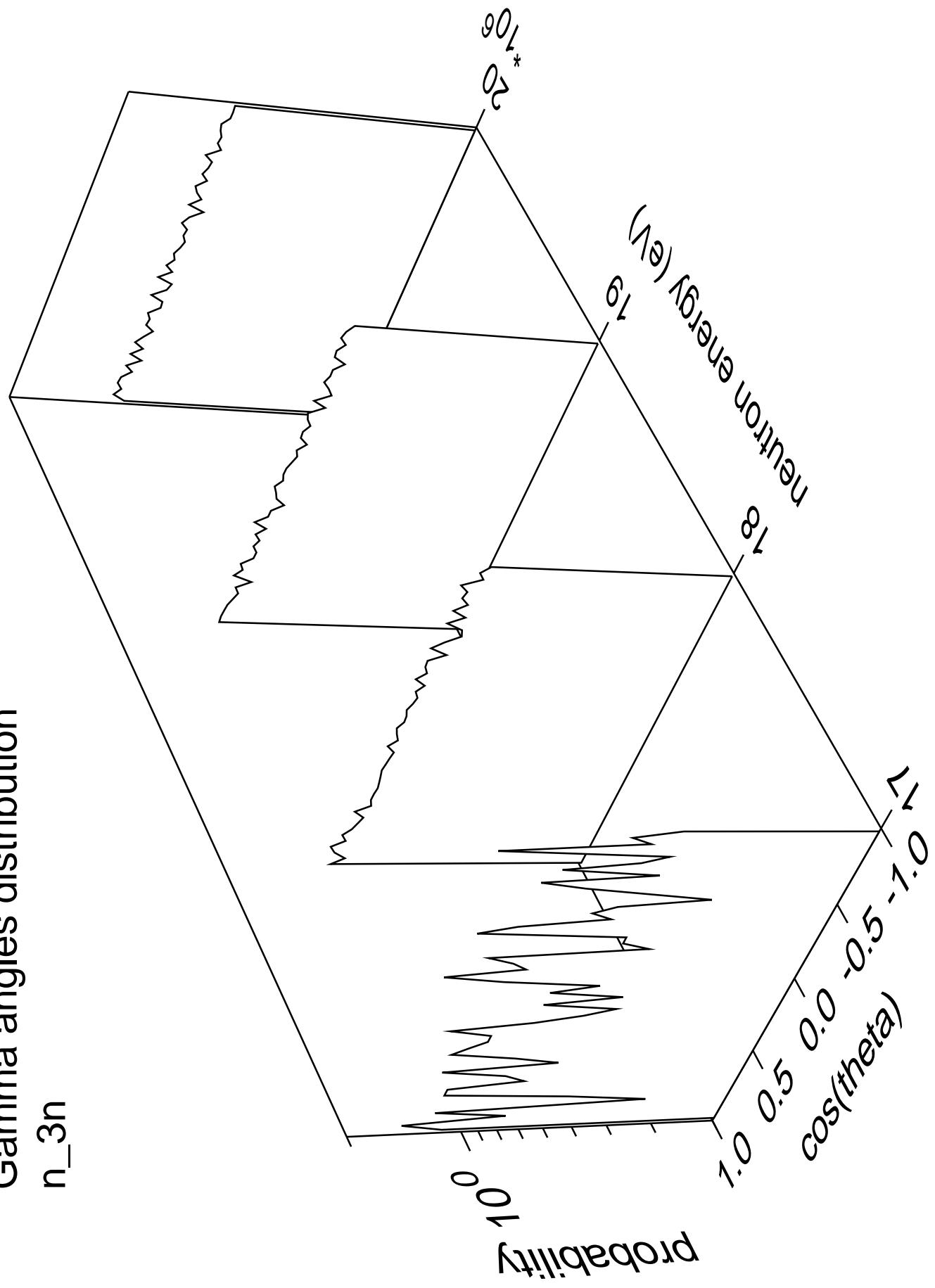




Gamma energy distribution n_{3n}

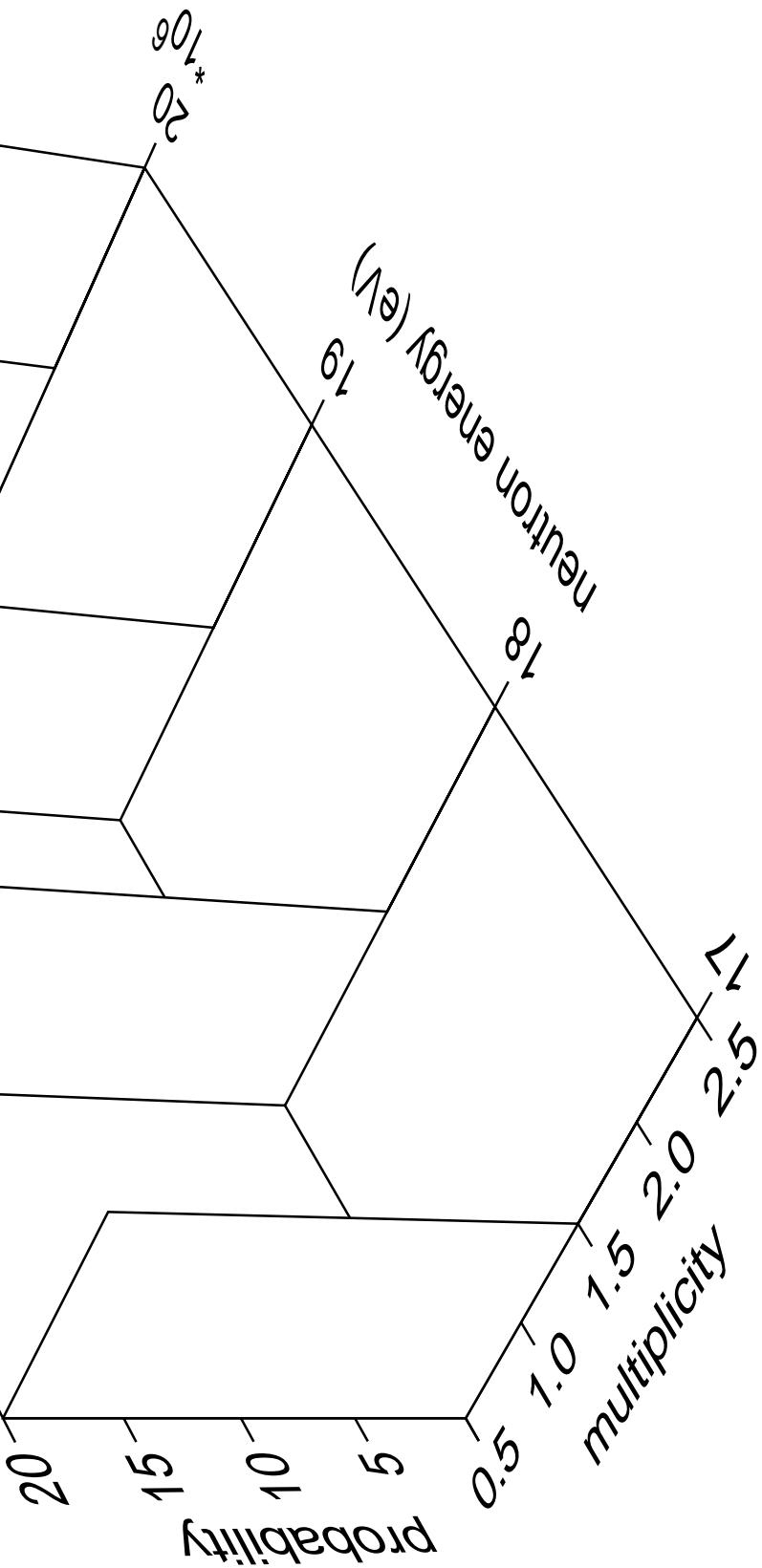


Gamma angles distribution n_{3n}

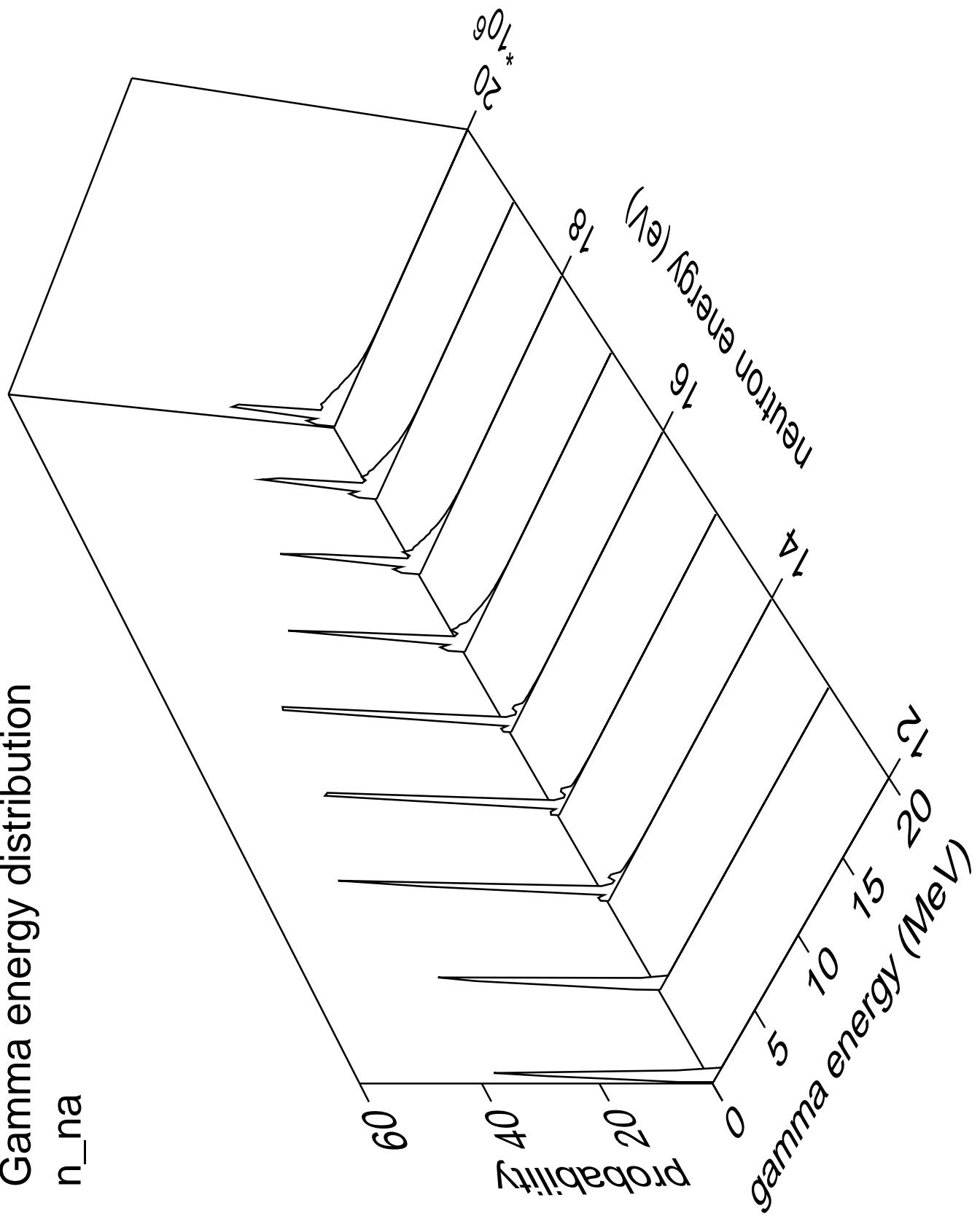


Gamma multiplicities distribution

n_{3n}



Gamma energy distribution
 n_{na}



Gamma angles distribution

n_{na}

Probability

10^0

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

θ

10⁶

20

18

16

14

12

10

8

6

4

2

1

0.5

0.0

-0.5

-1.0

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

-10⁶

-2

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-18

-20

-10⁶

-2

-4

-6

-8

-10

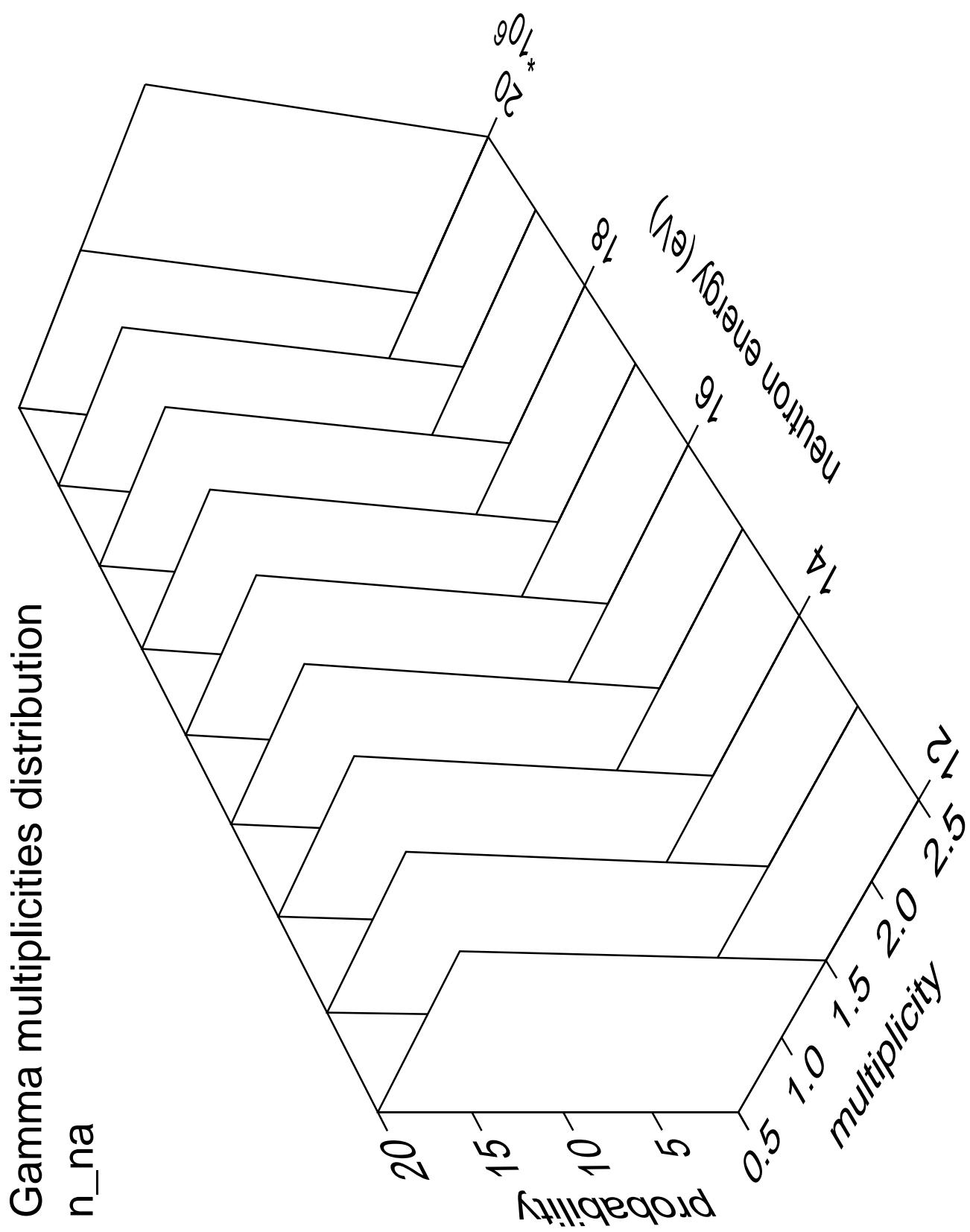
-12

-14

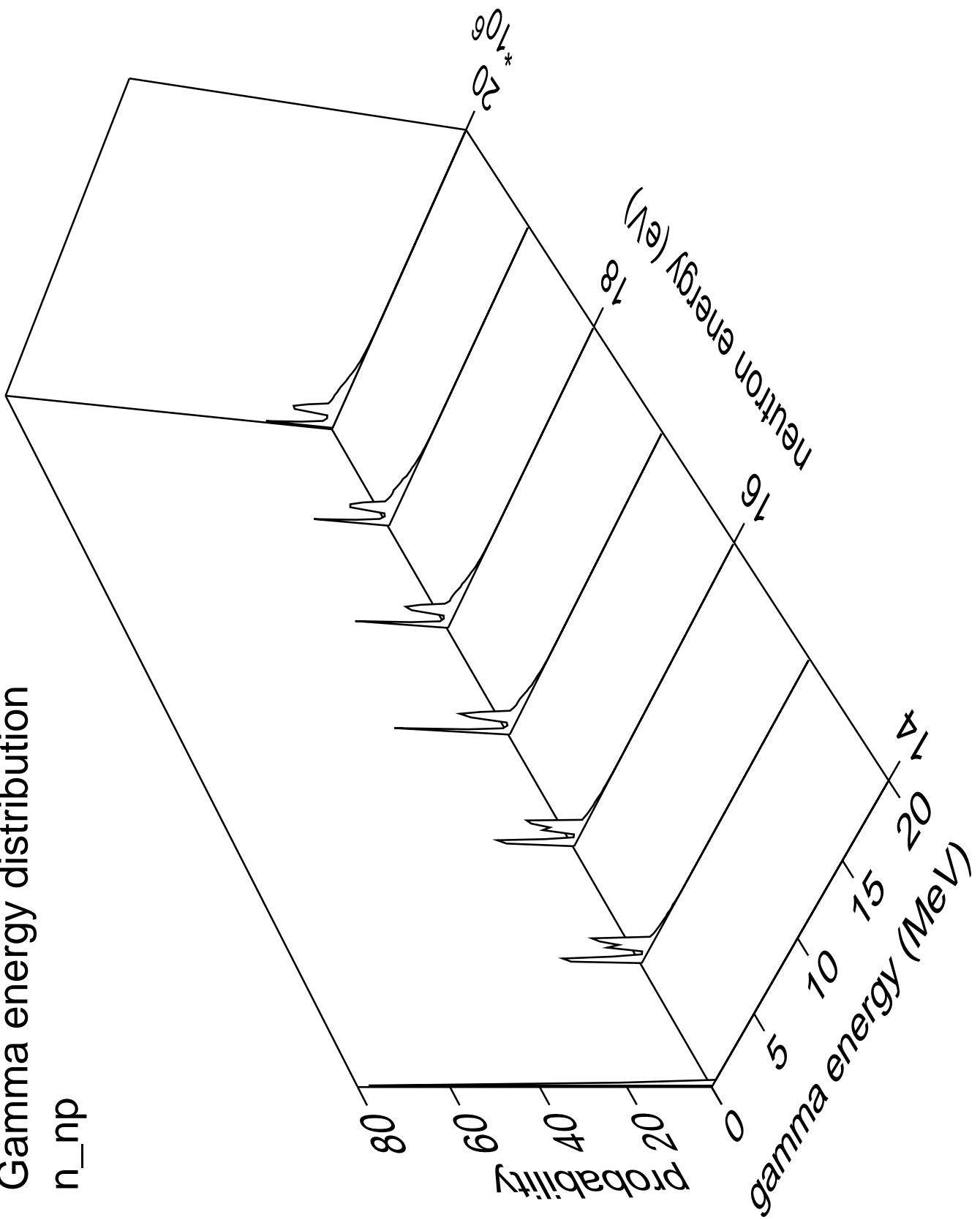
-16

-18

<



Gamma energy distribution
 n_{np}



Gamma angles distribution

n_{np}

Probability

10^0

10^1

10^2

10^3

10^4

10^5

10^6

10^6

10^5

10^4

10^3

10^2

10^1

10^0

10^{-1}

10^{-2}

10^{-3}

10^{-4}

10^{-5}

neutron energy (eV)

10^6

10^5

10^4

10^3

10^2

10^1

10^0

10^{-1}

10^{-2}

10^{-3}

10^{-4}

10^{-5}

$\cos(\theta)$

$-1.0 \quad 0.0 \quad 1.0$

$-1.0 \quad 0.0 \quad 1.0$

$-1.0 \quad 0.0 \quad 1.0$

Gamma multiplicities distribution

n_{np}

Probability

100

20

Neutron energy (eV)

16

multiplicity

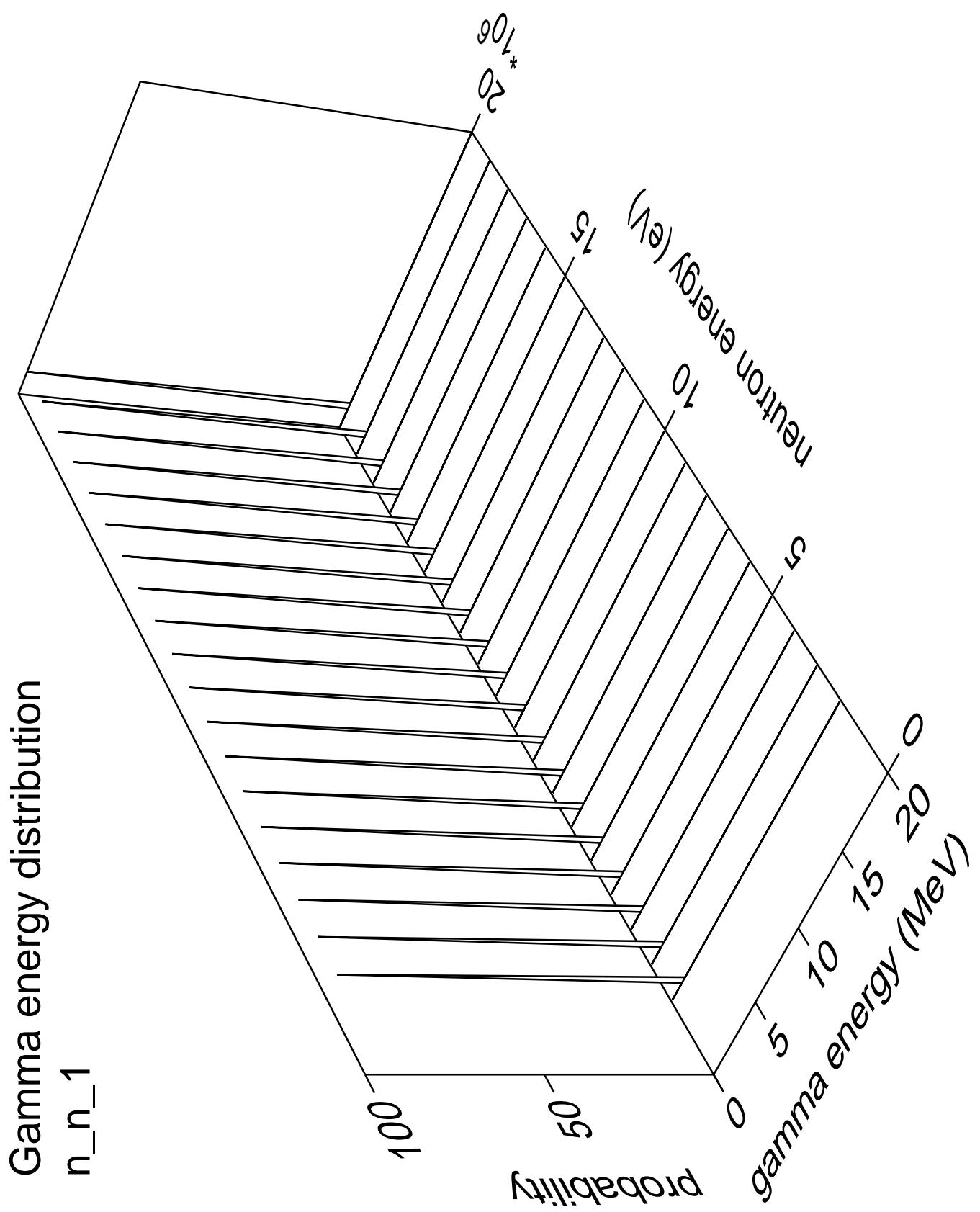
4

2.0

1.5

1.0

0.5



Gamma angles distribution

n_{n_1}

Probability

10^0

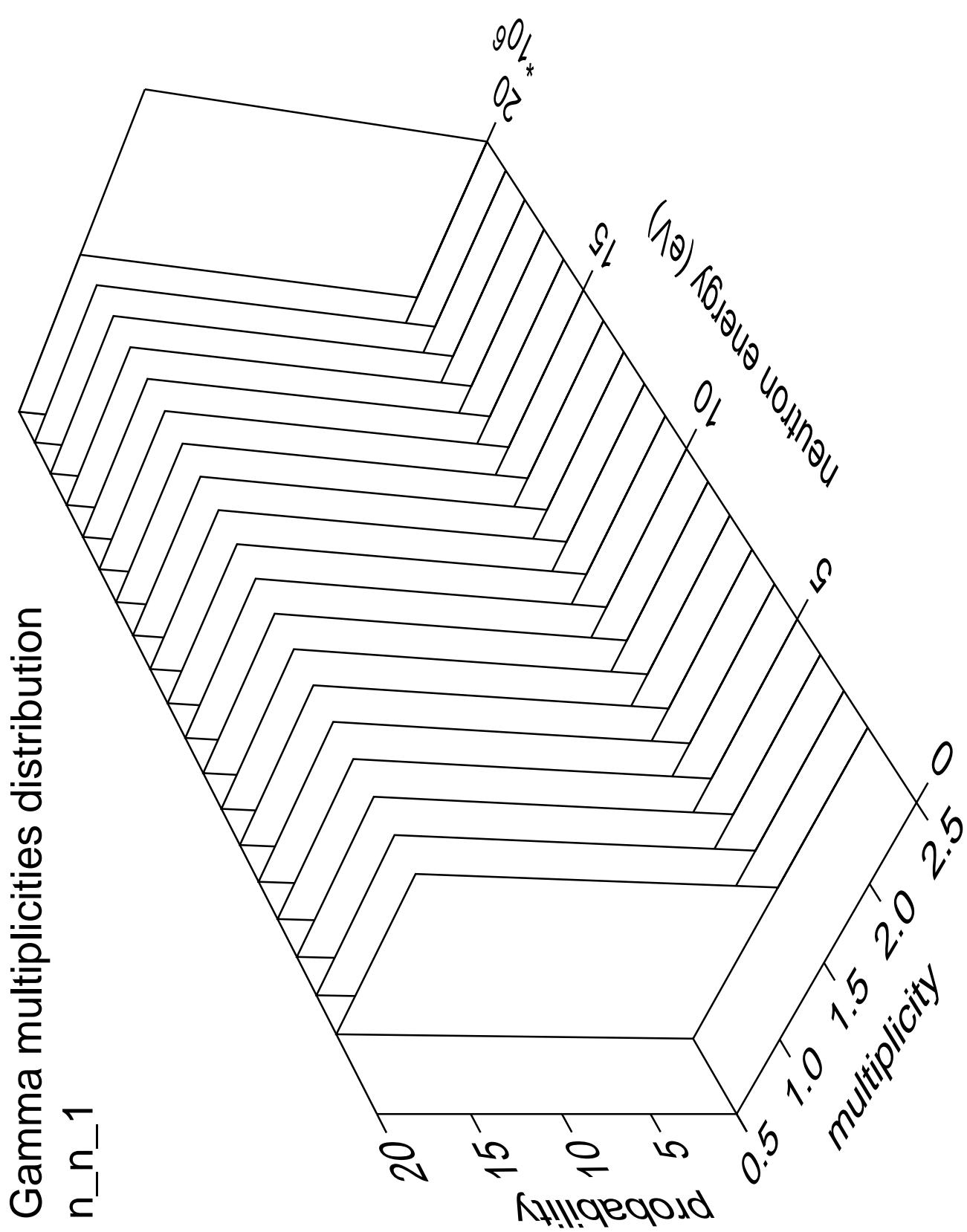
Neutron energy (eV)

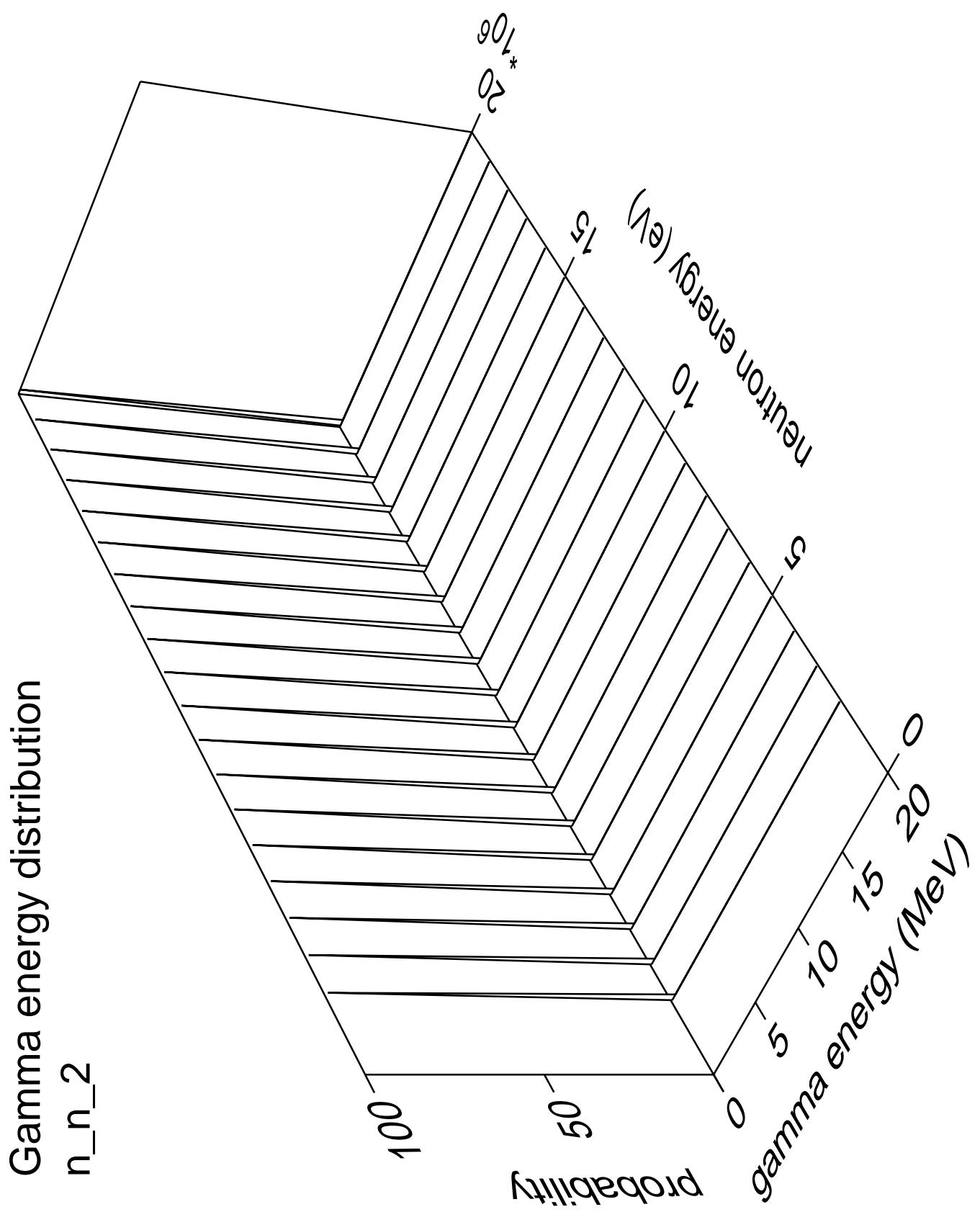
10⁶
10⁵
10⁴
10³
10²

$\cos(\theta)$

1.0
0.5
0.0

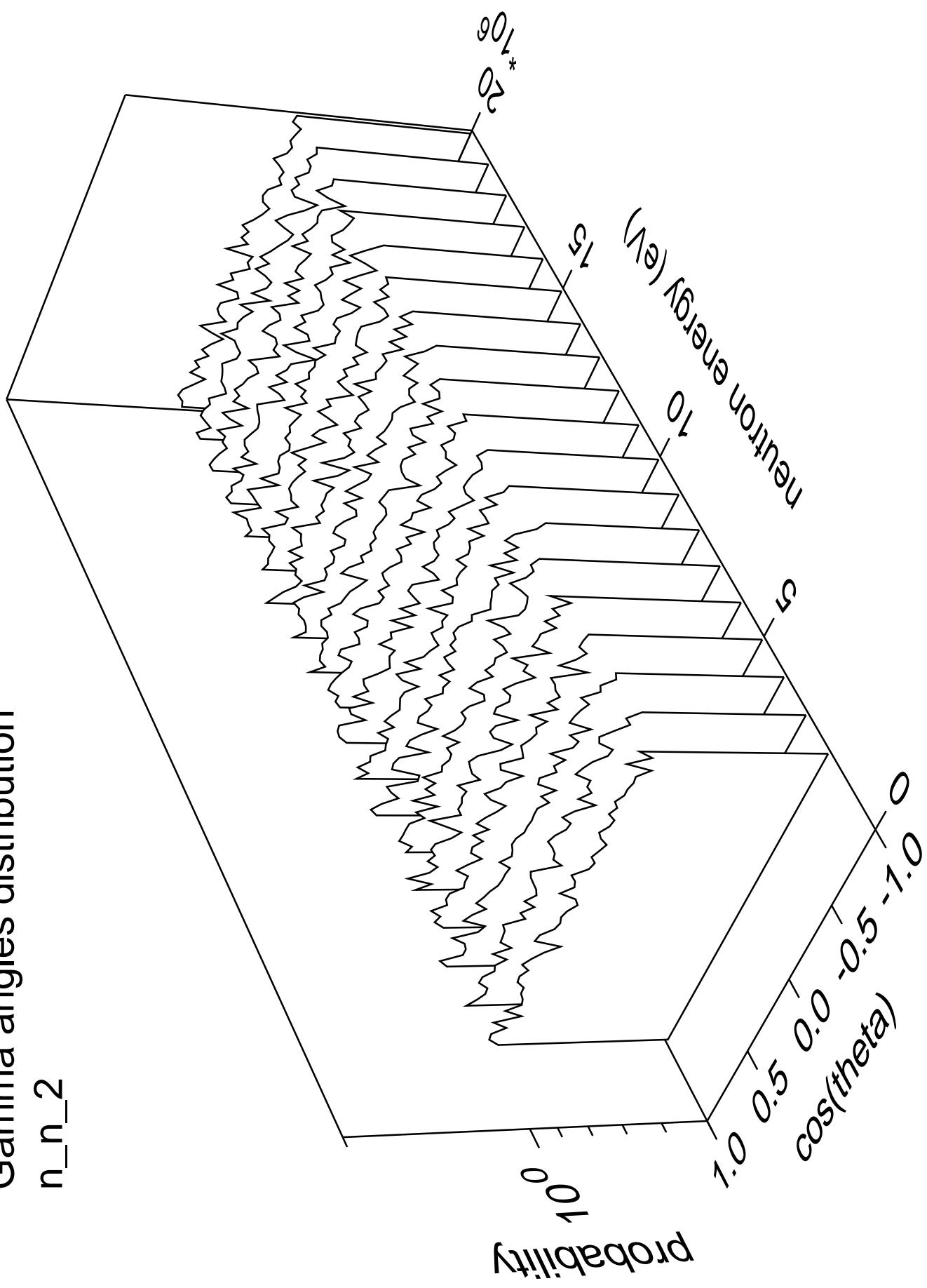
0.5
0.0
-0.5
-1.0

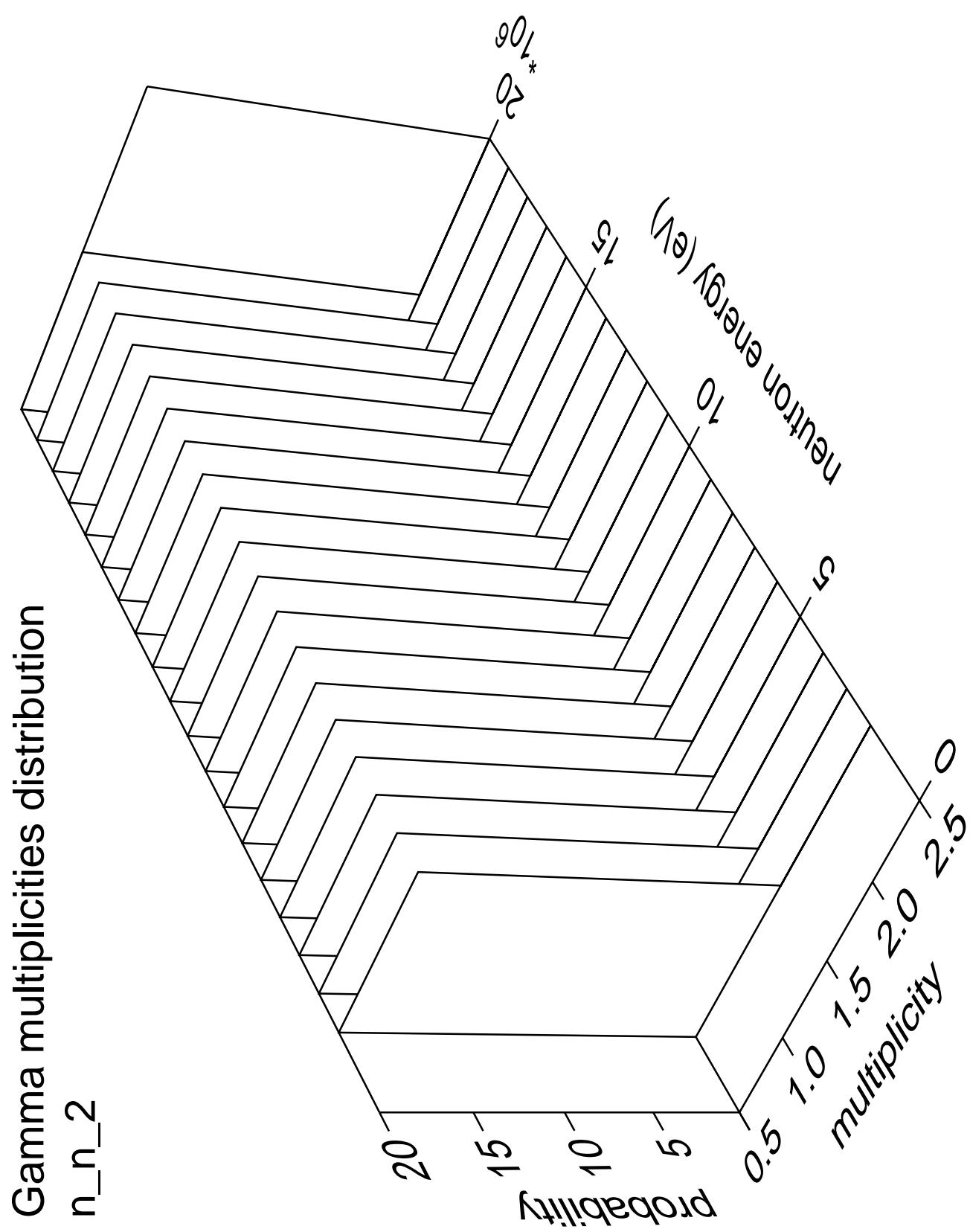




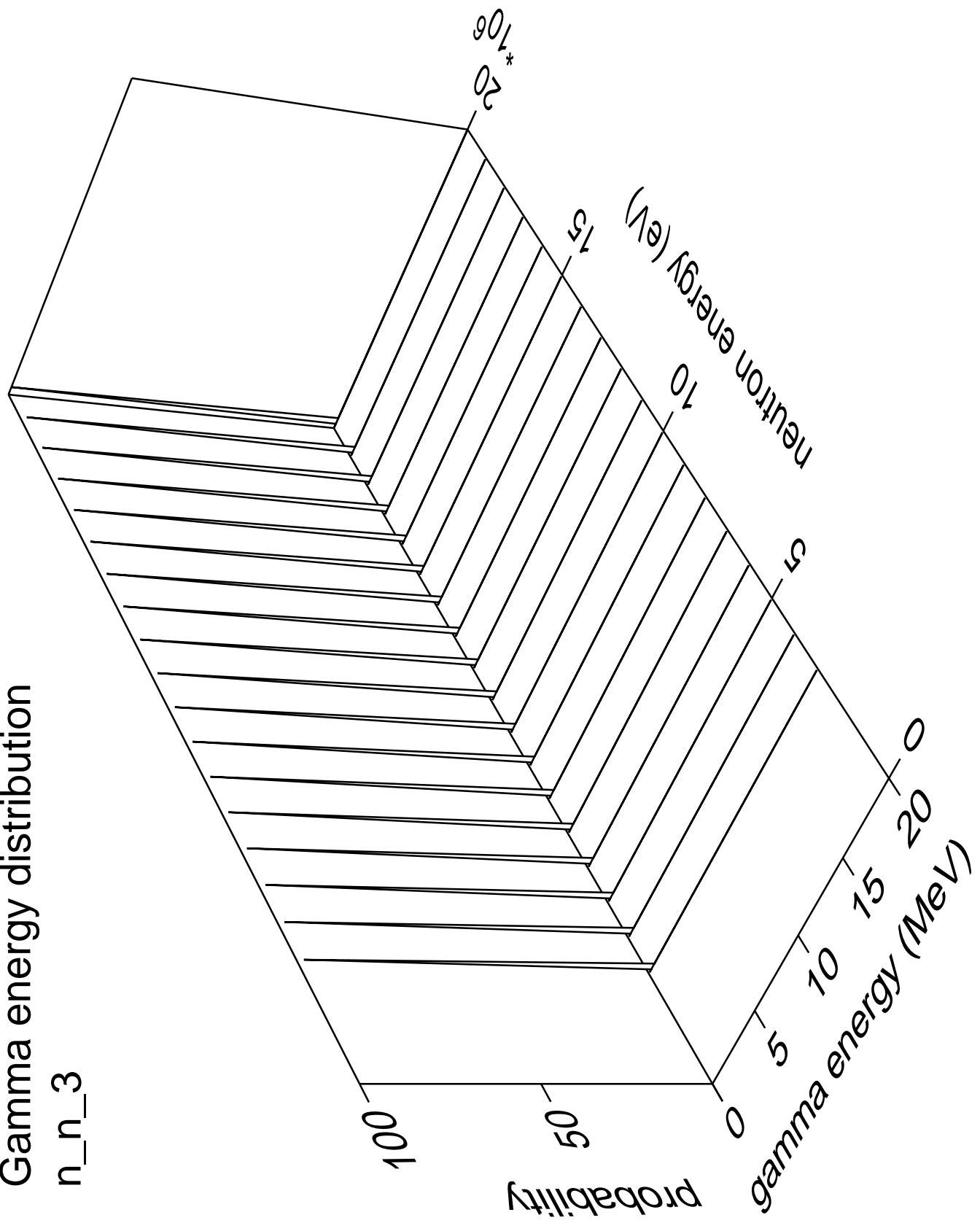
Gamma angles distribution

n_n_2



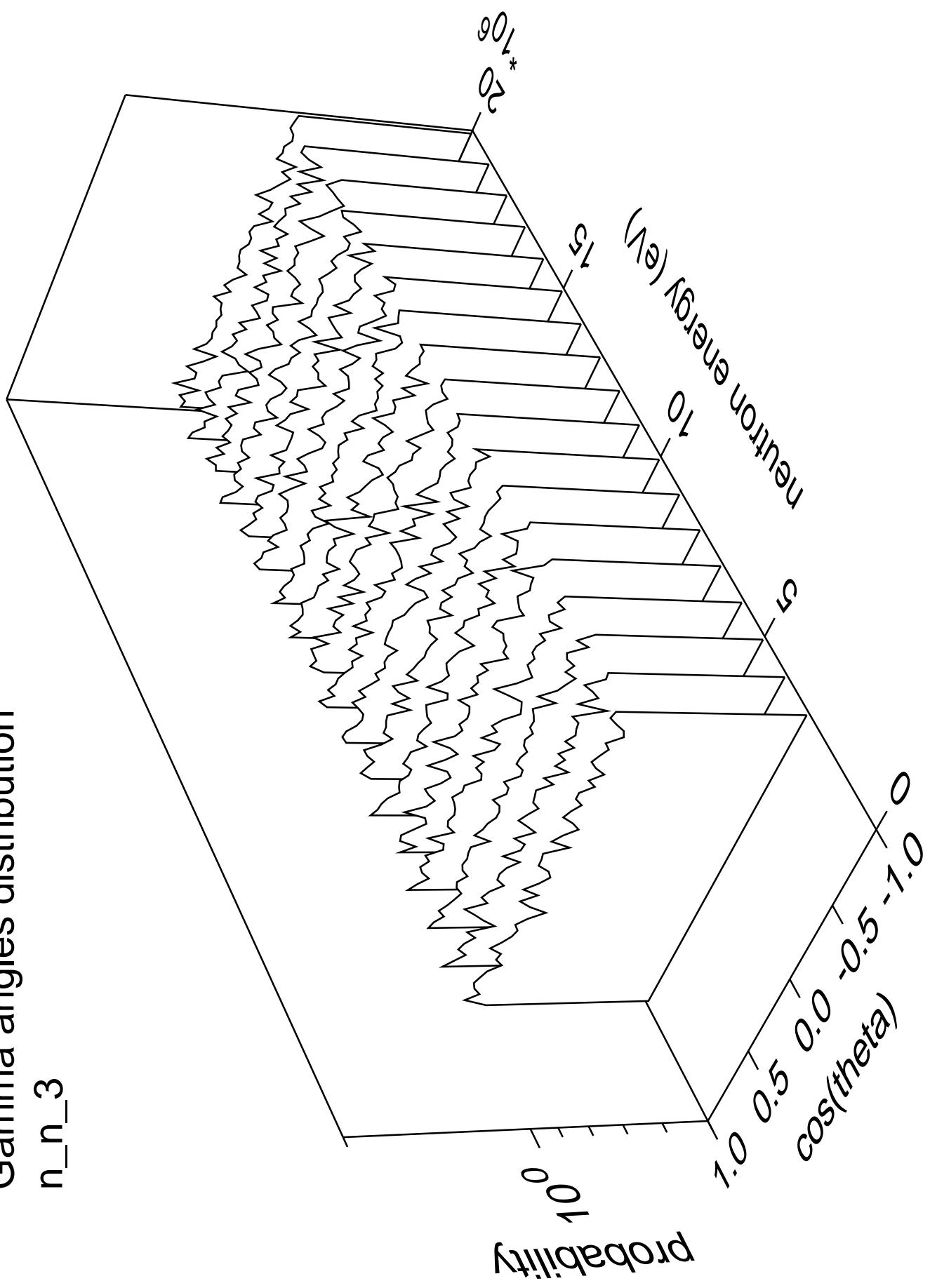


Gamma energy distribution

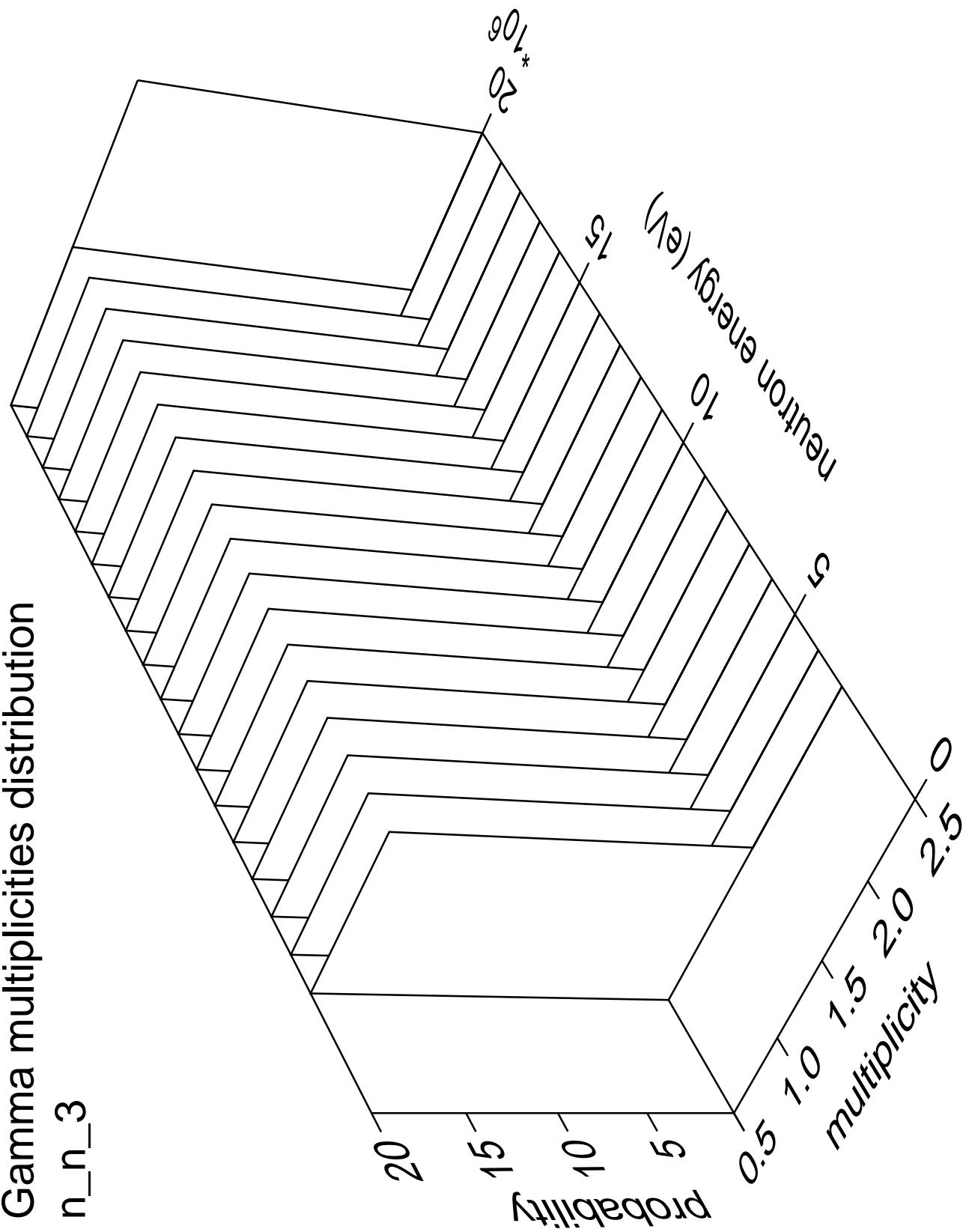


Gamma angles distribution

n_n_3

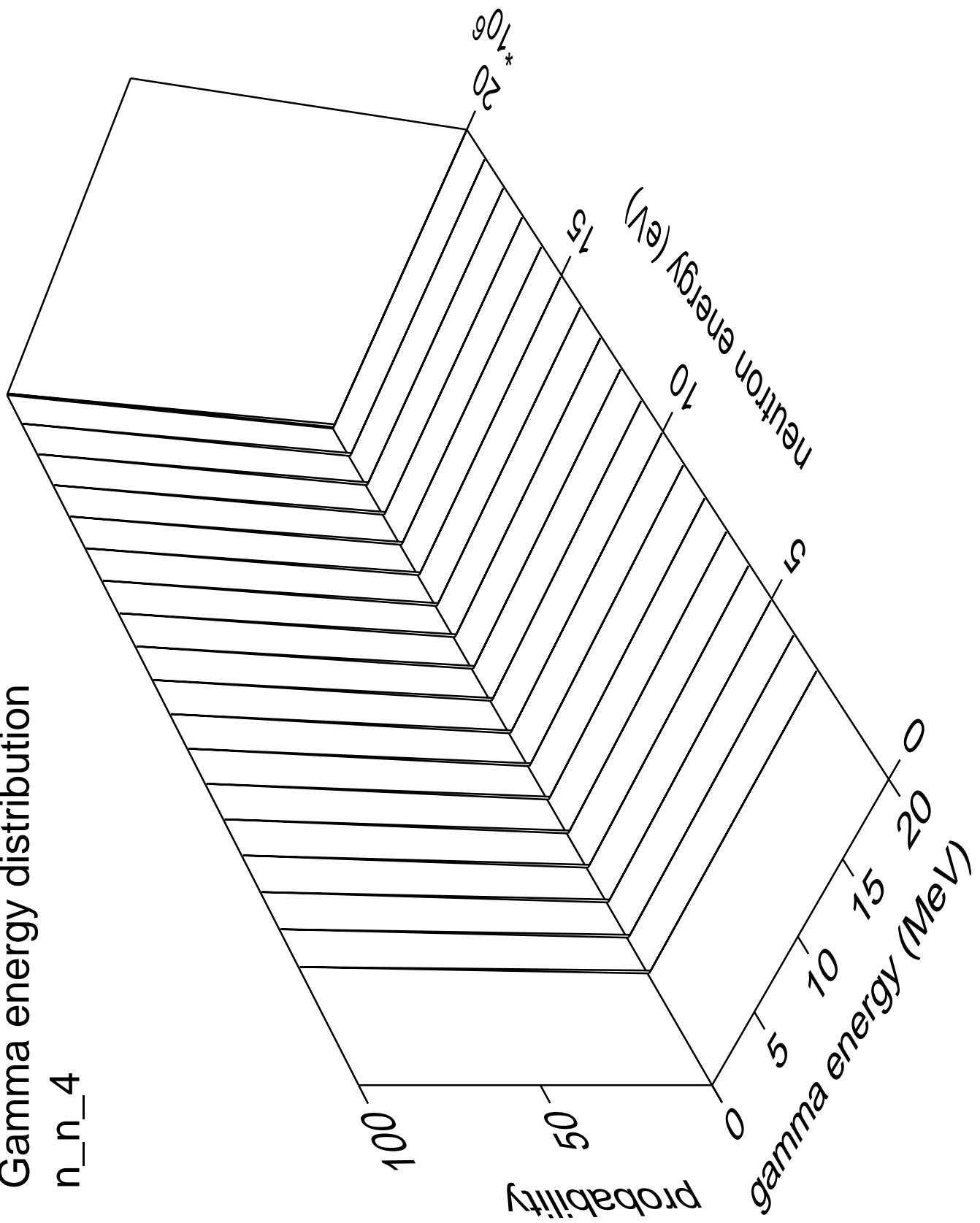


Gamma multiplicities distribution

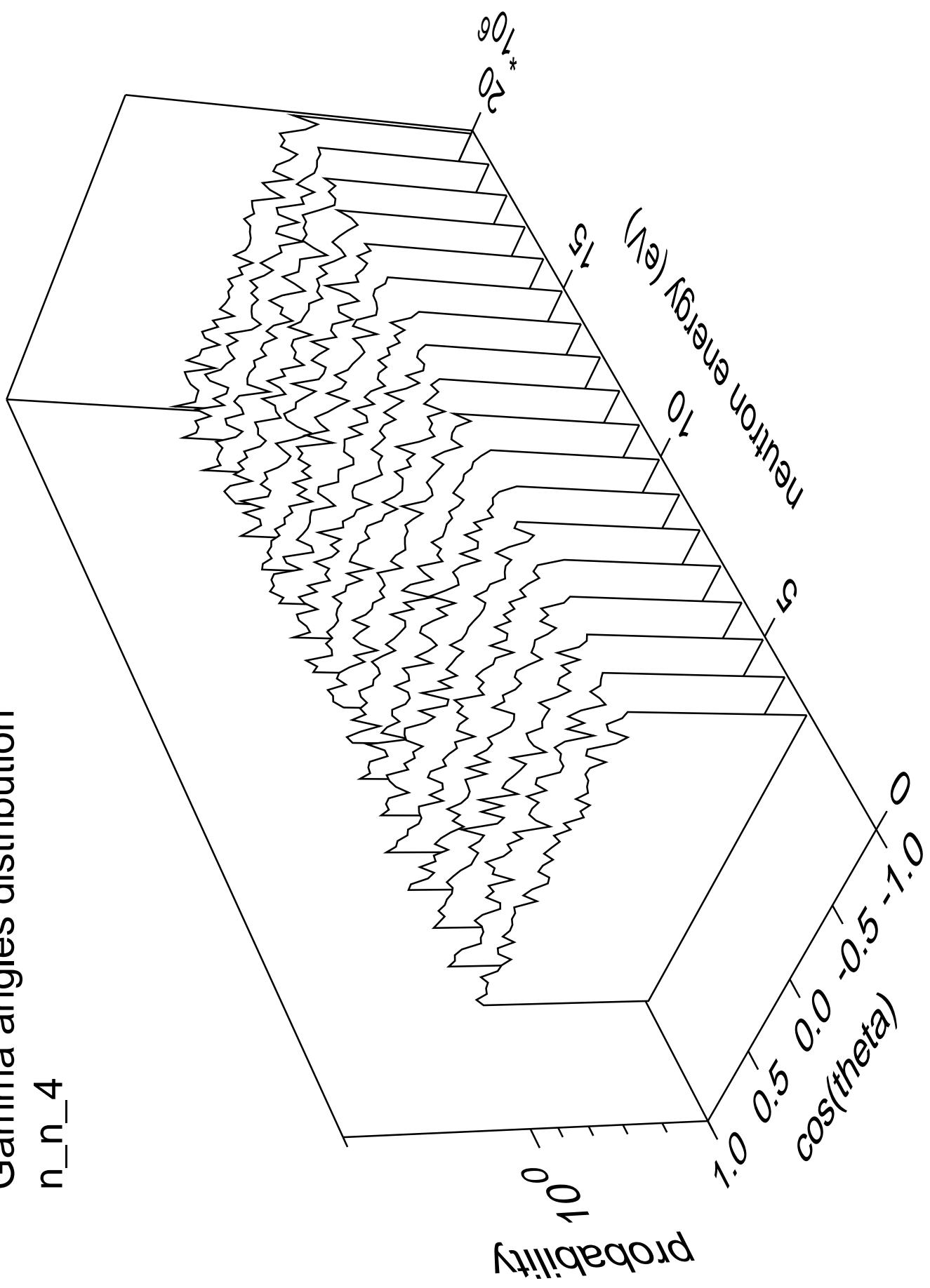


n_n_4

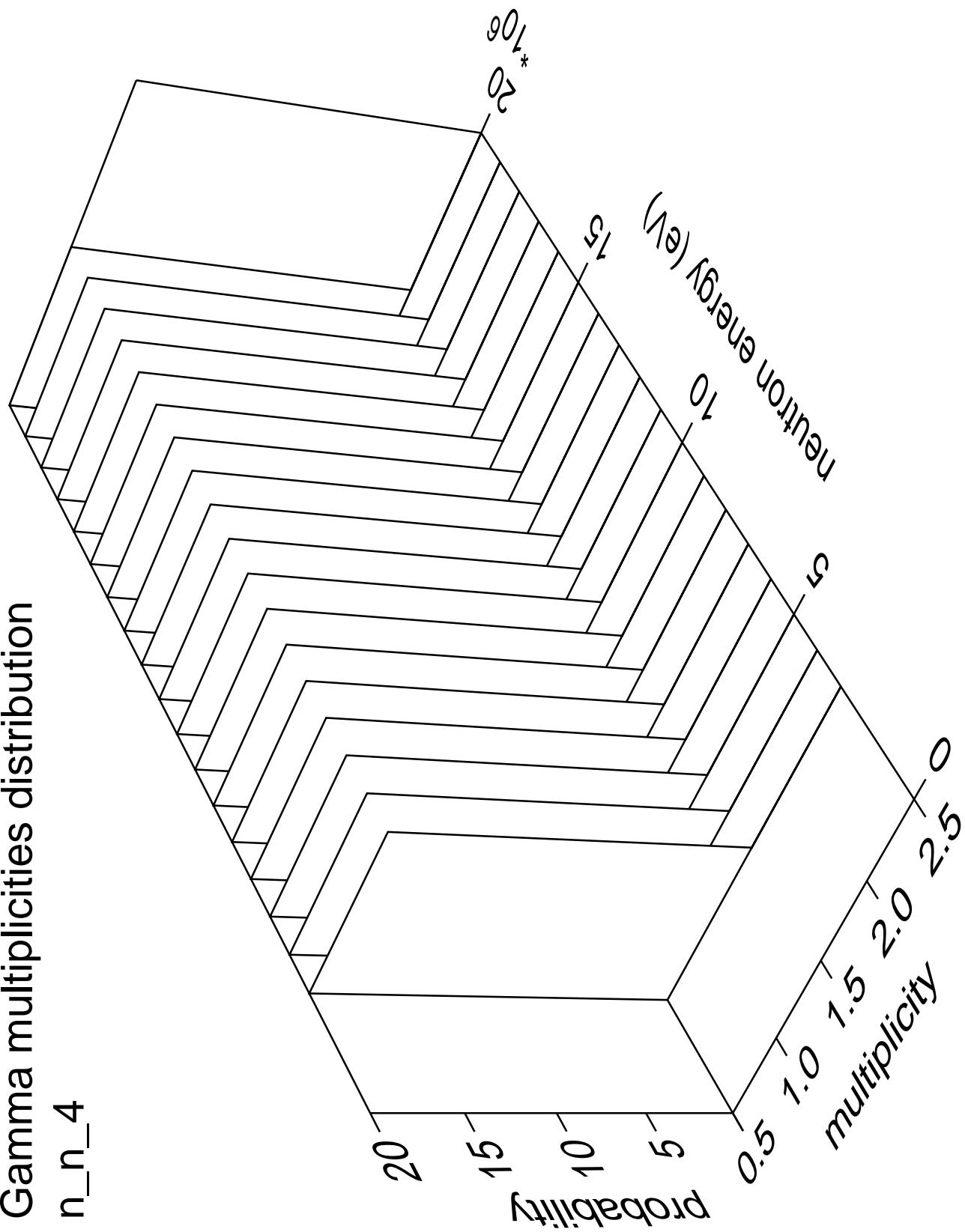
Gamma energy distribution

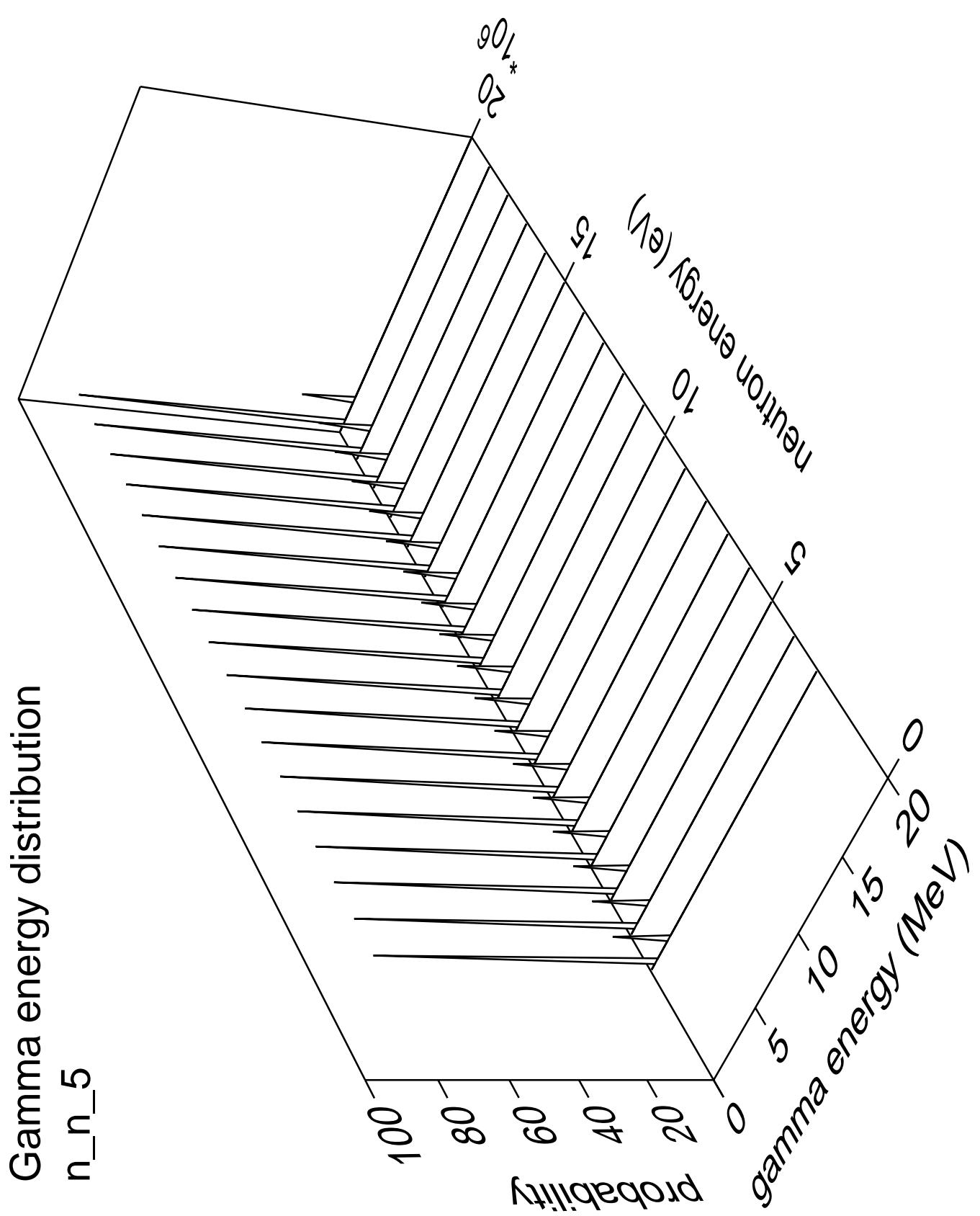


Gamma angles distribution



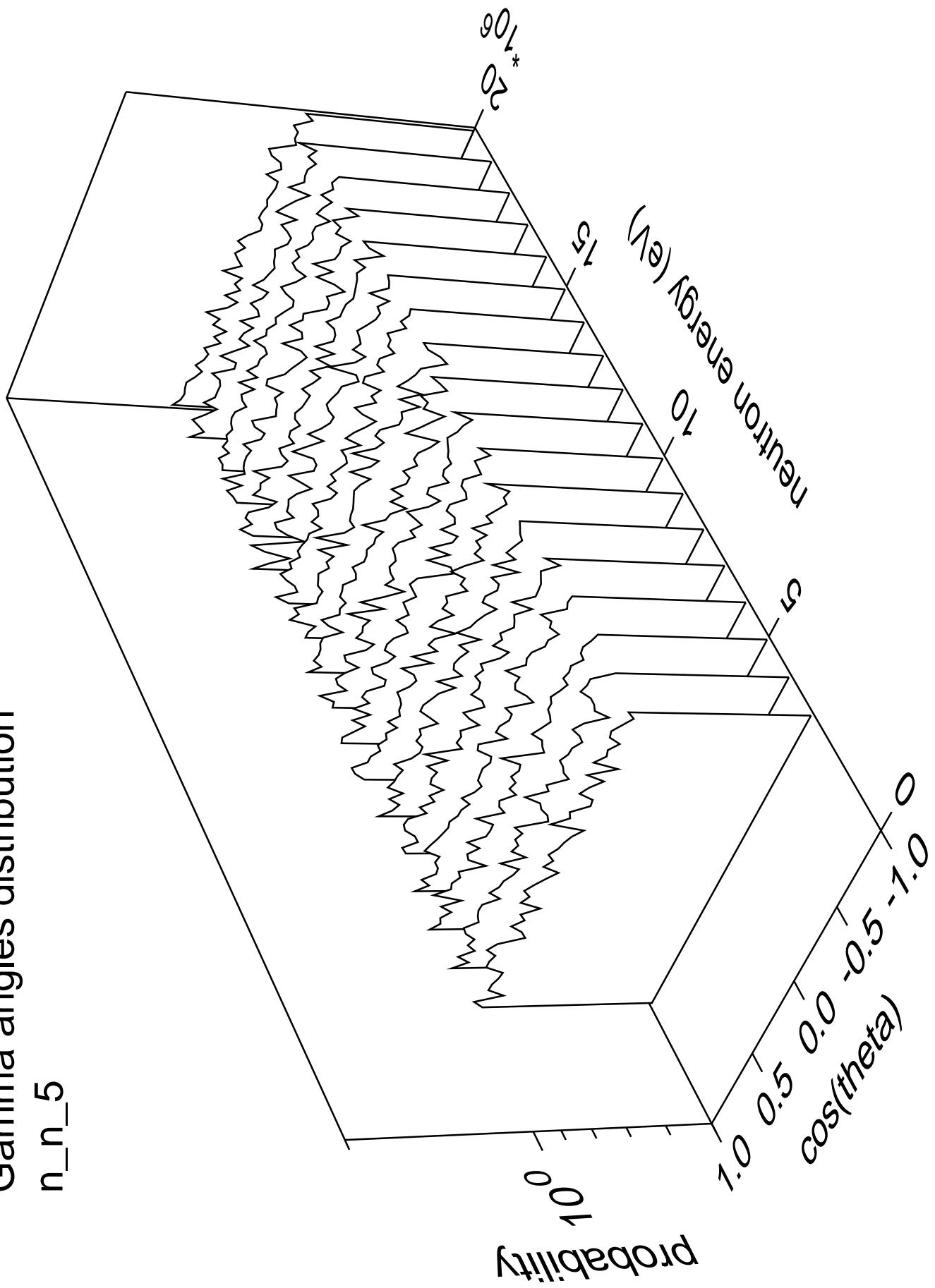
Gamma multiplicities distribution



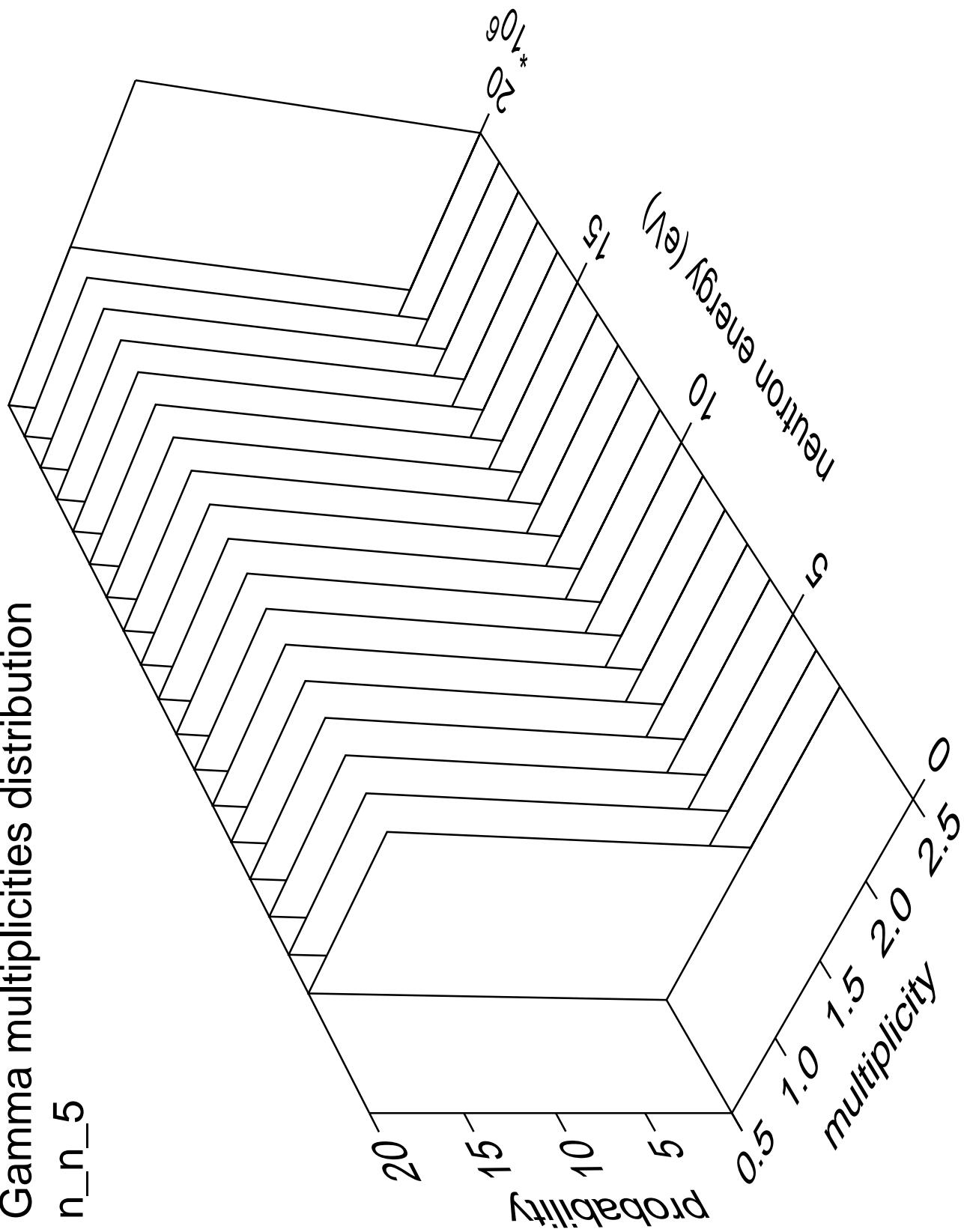


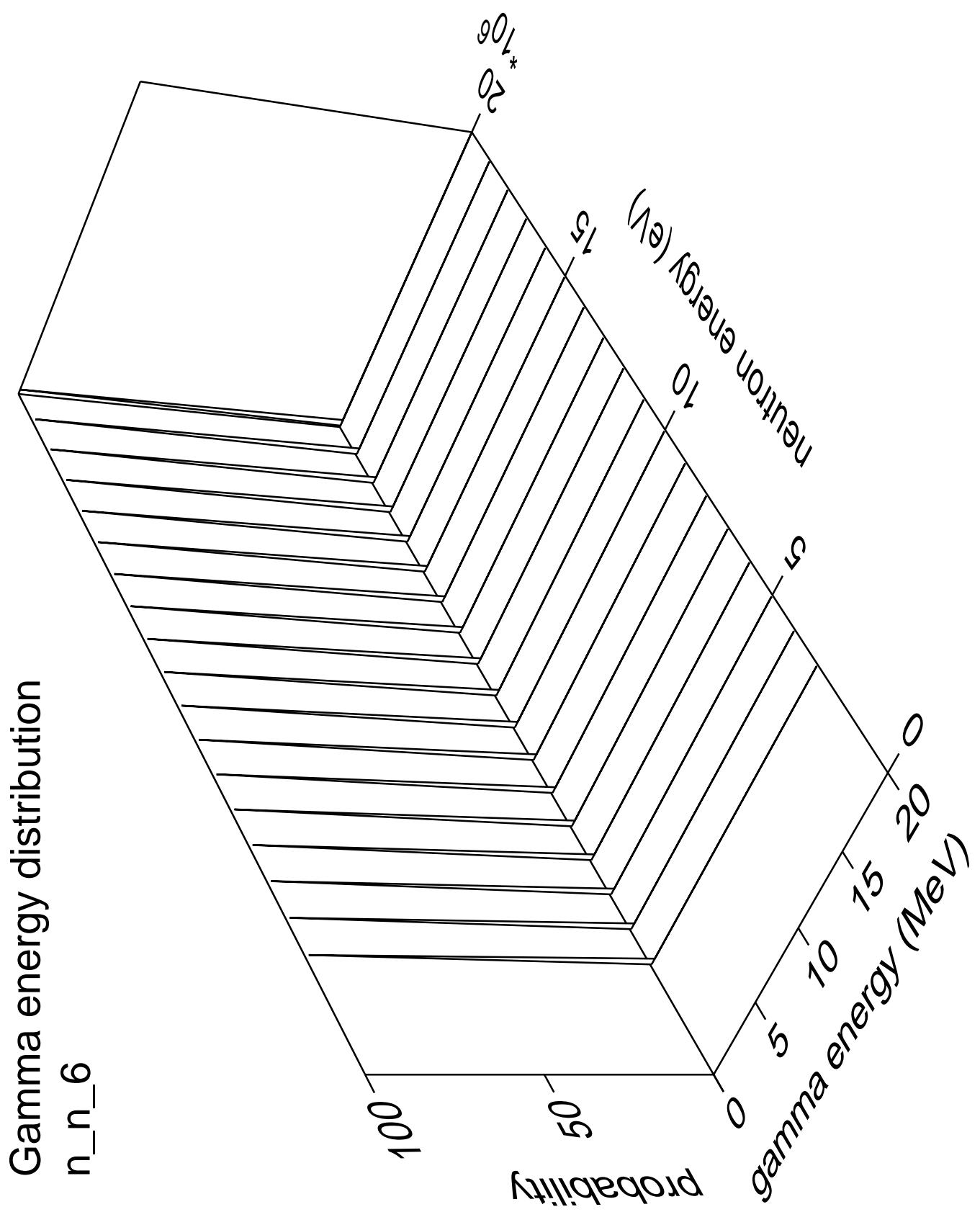
Gamma angles distribution

n_n_5



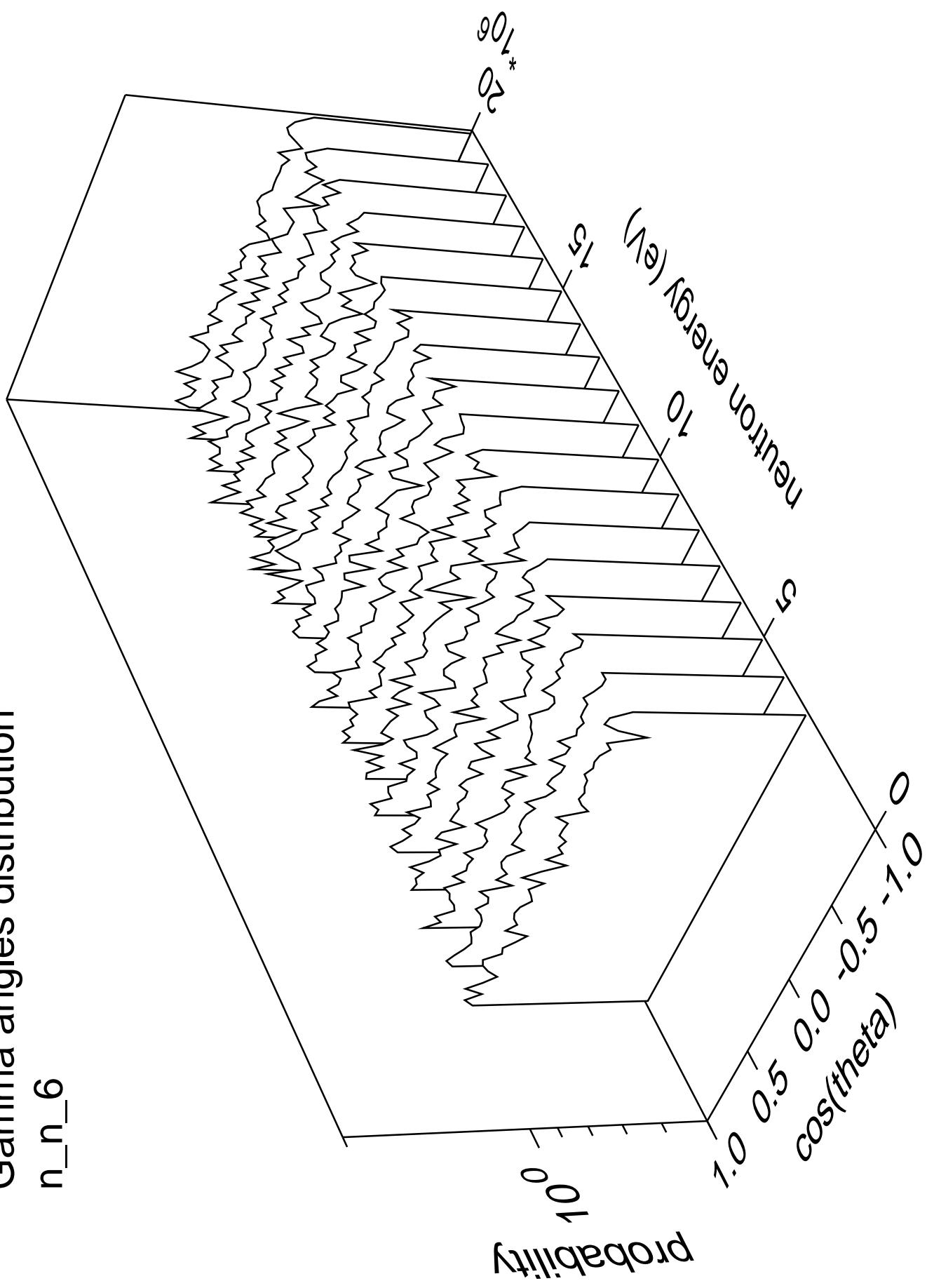
Gamma multiplicities distribution



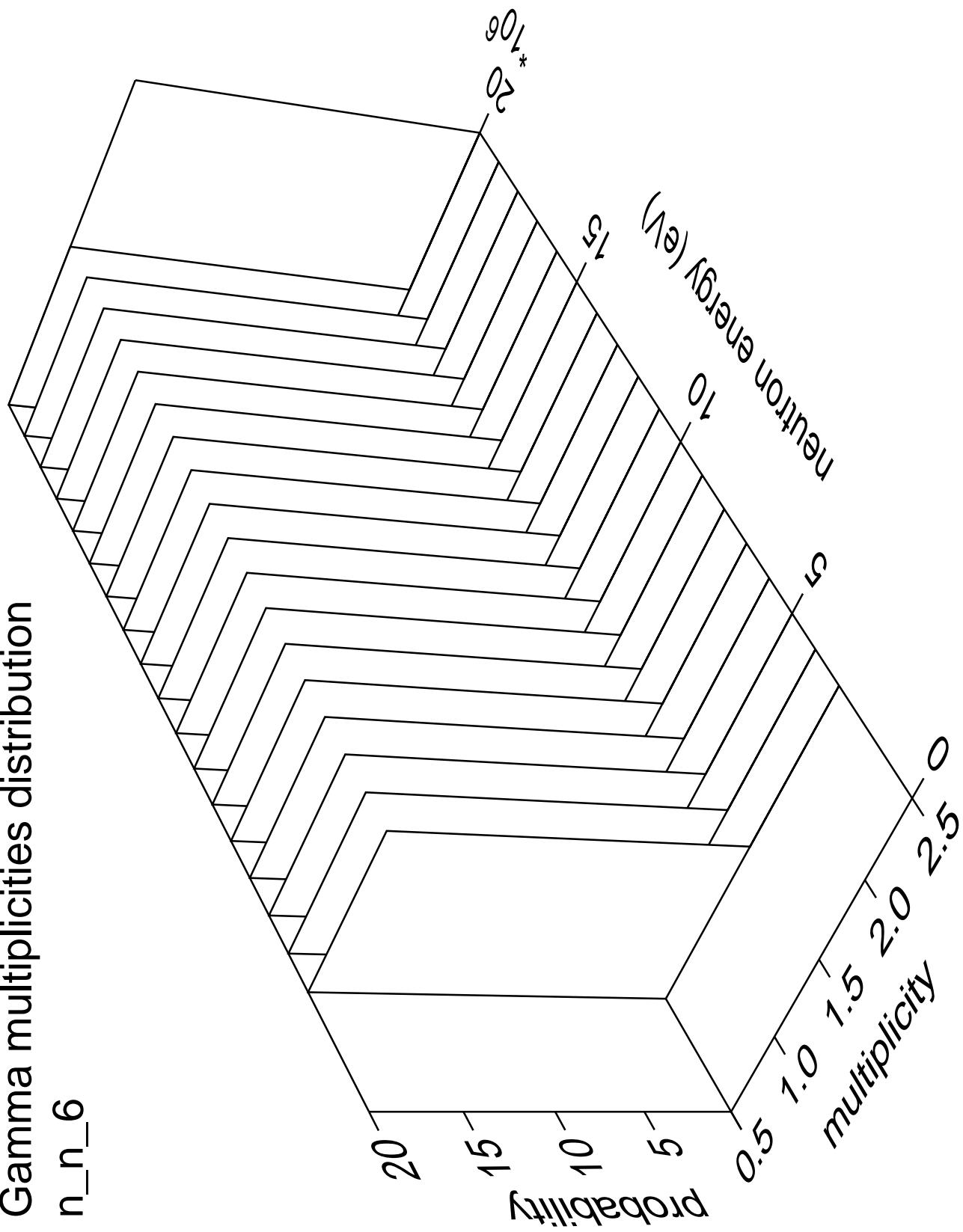


Gamma angles distribution

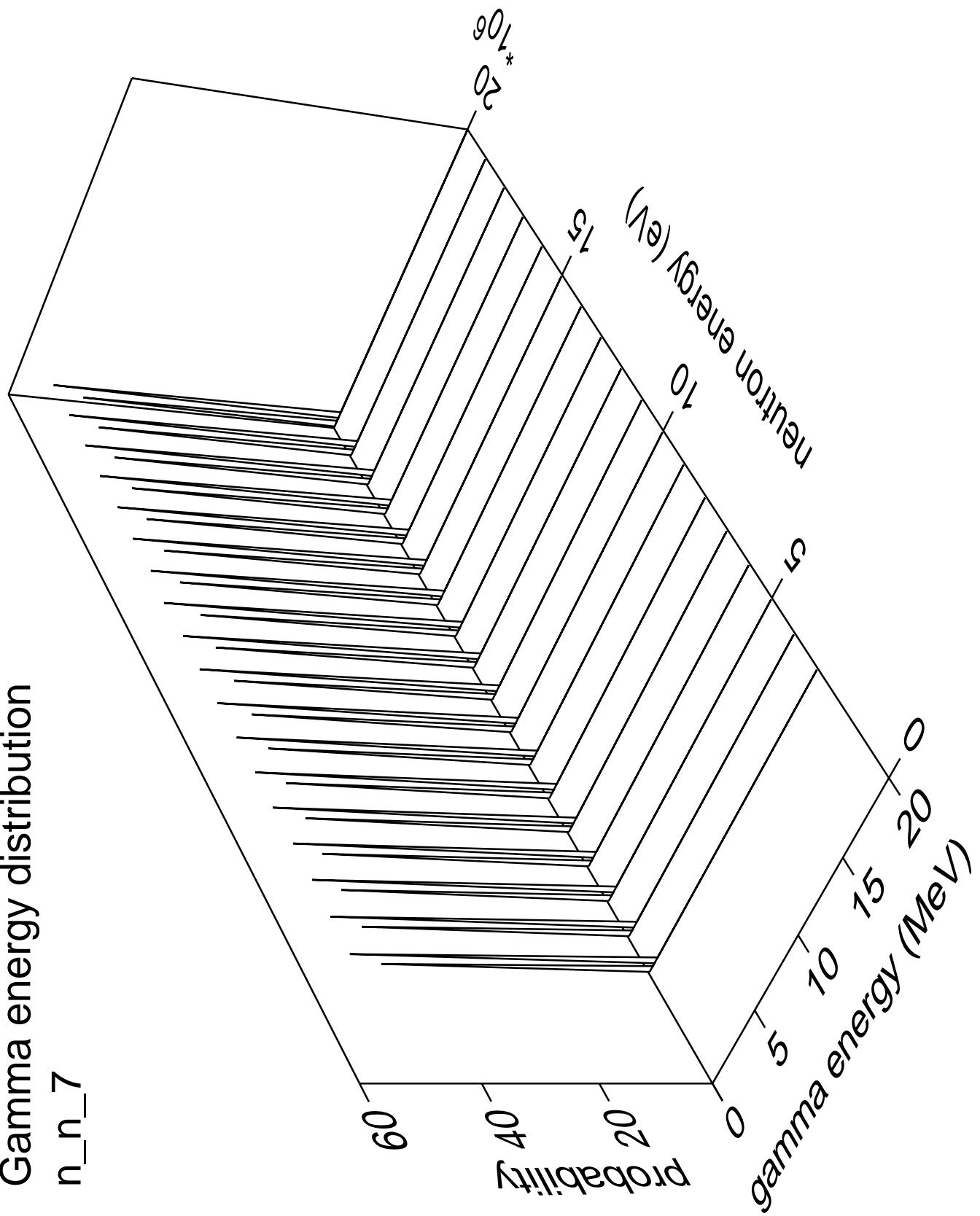
n_n_6



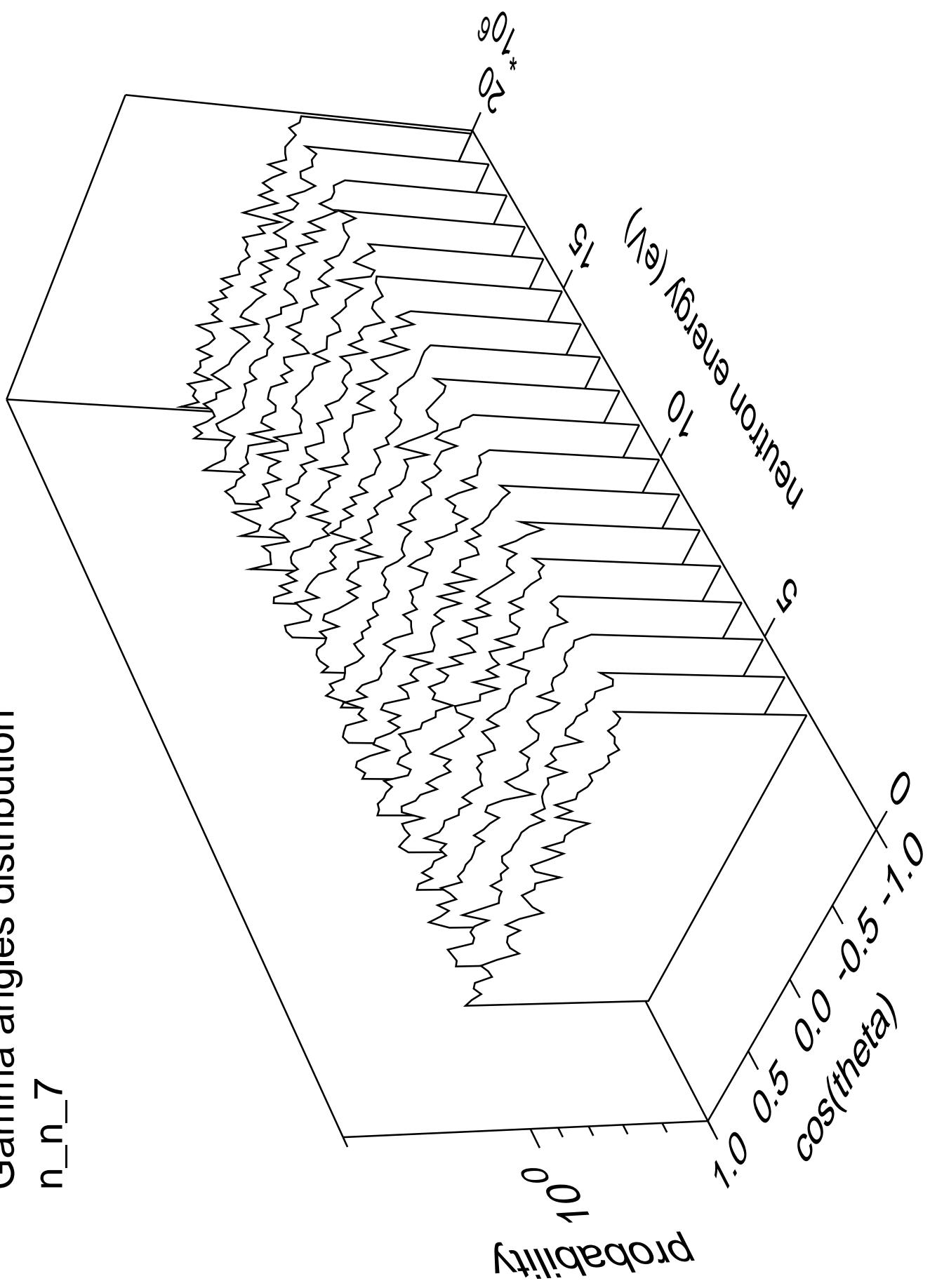
Gamma multiplicities distribution



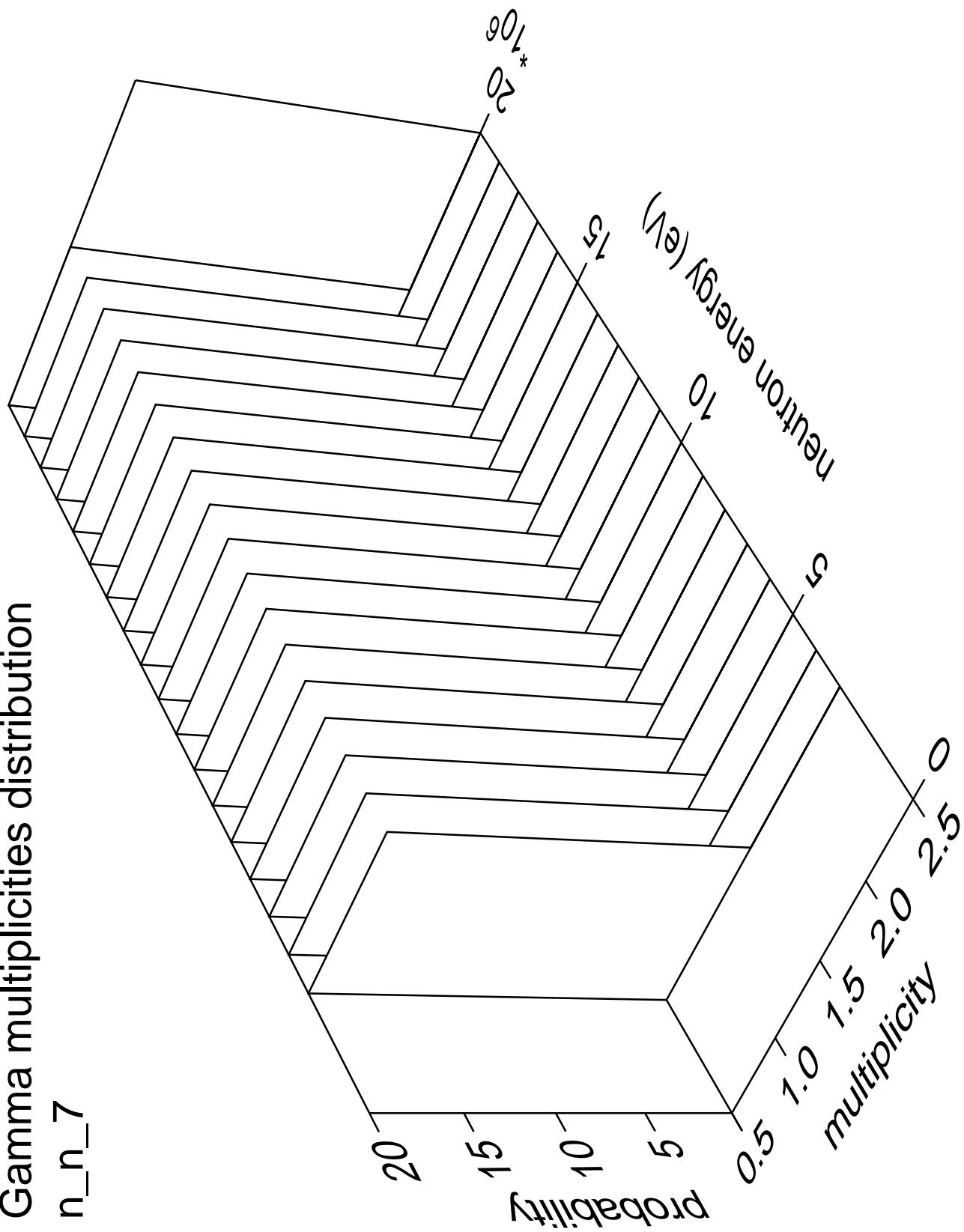
Gamma energy distribution

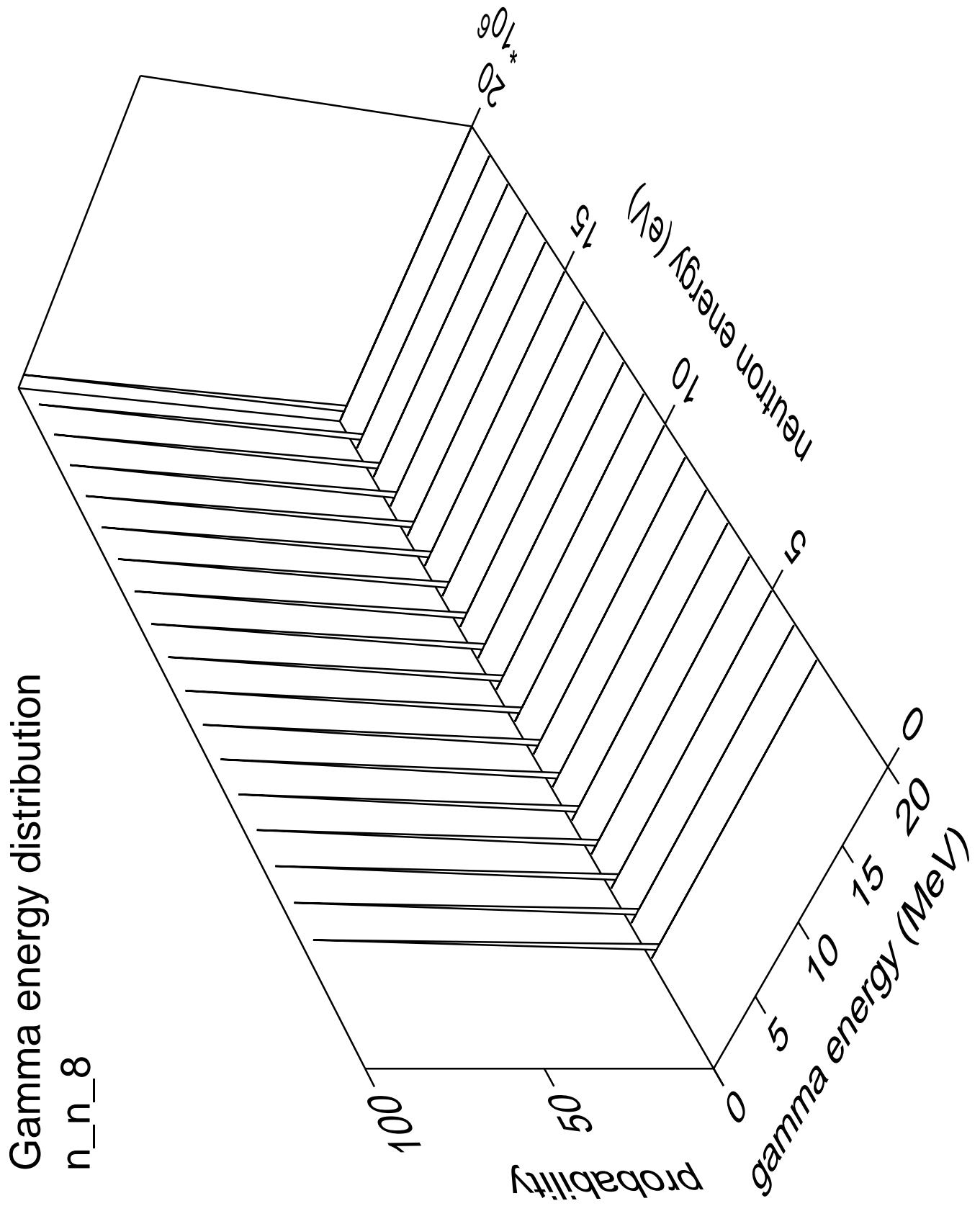


Gamma angles distribution



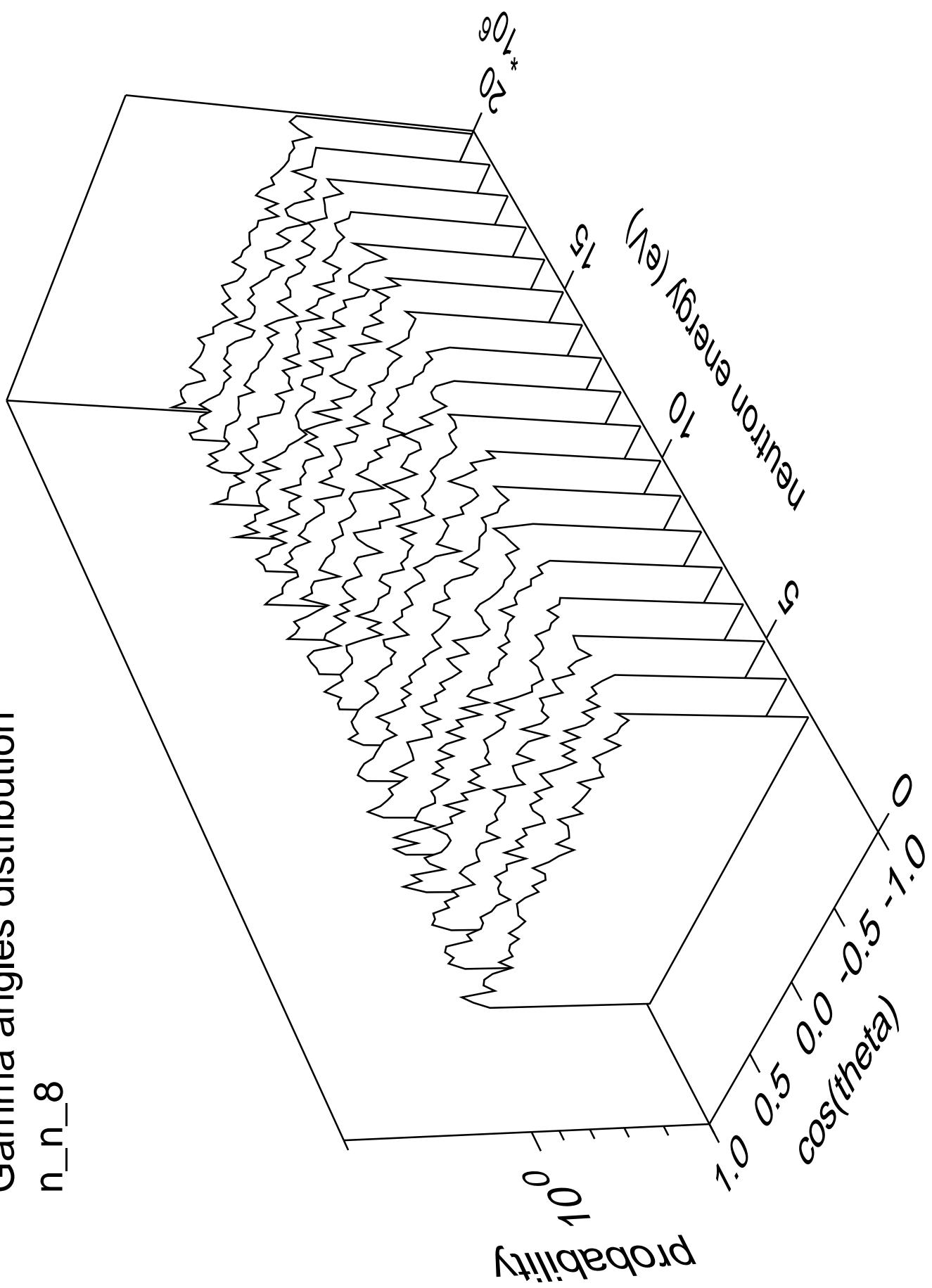
Gamma multiplicities distribution

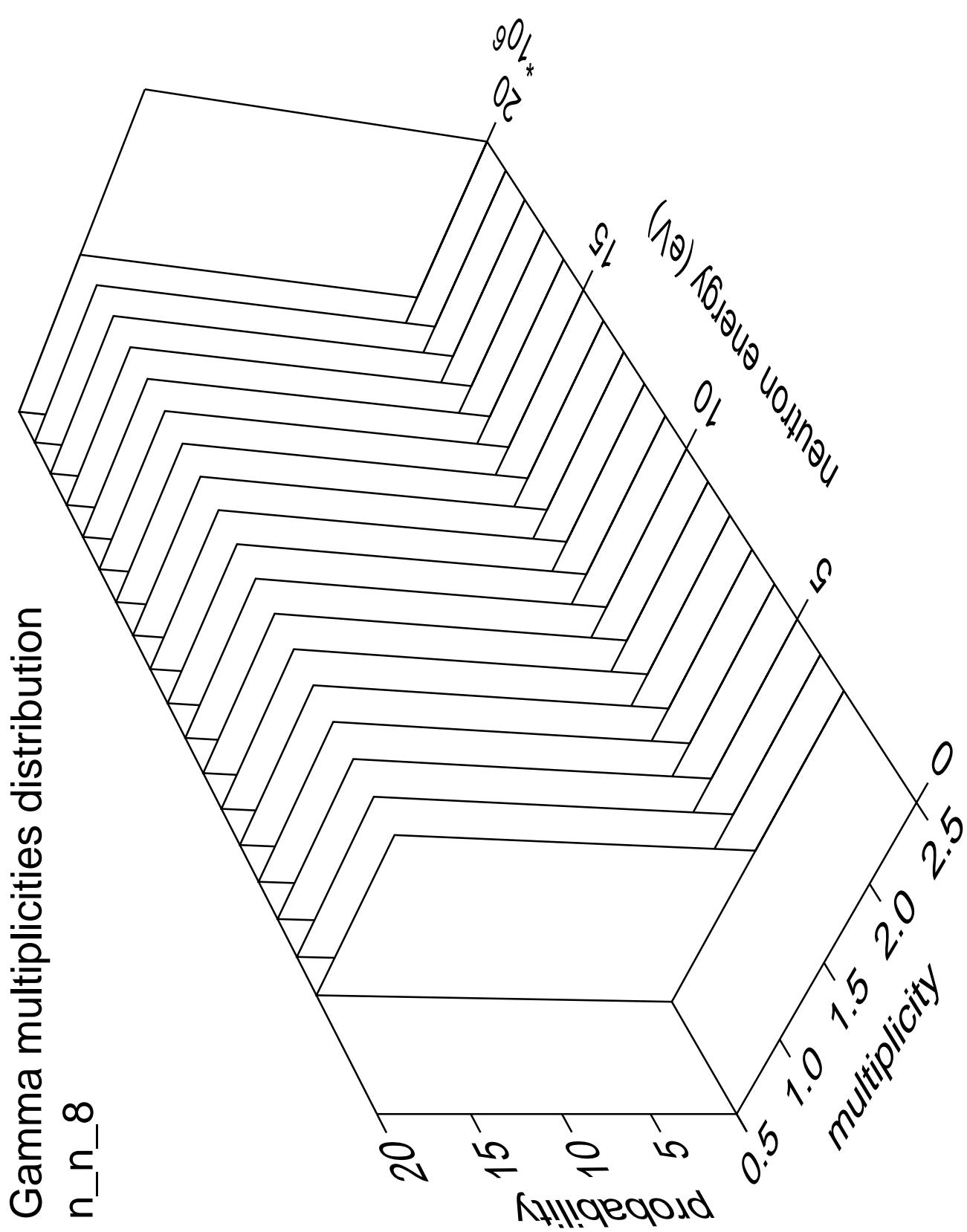


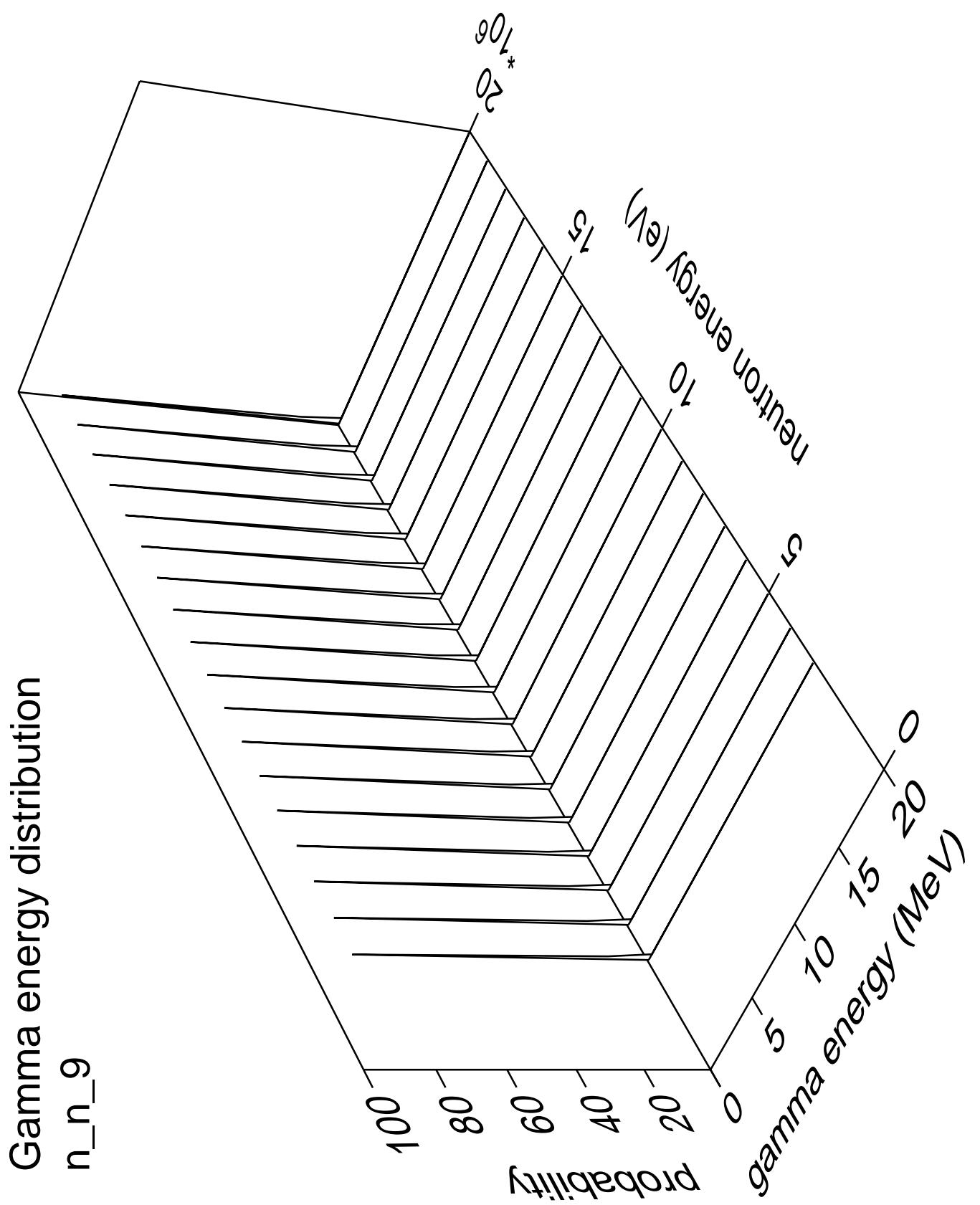


Gamma angles distribution

n_n_8

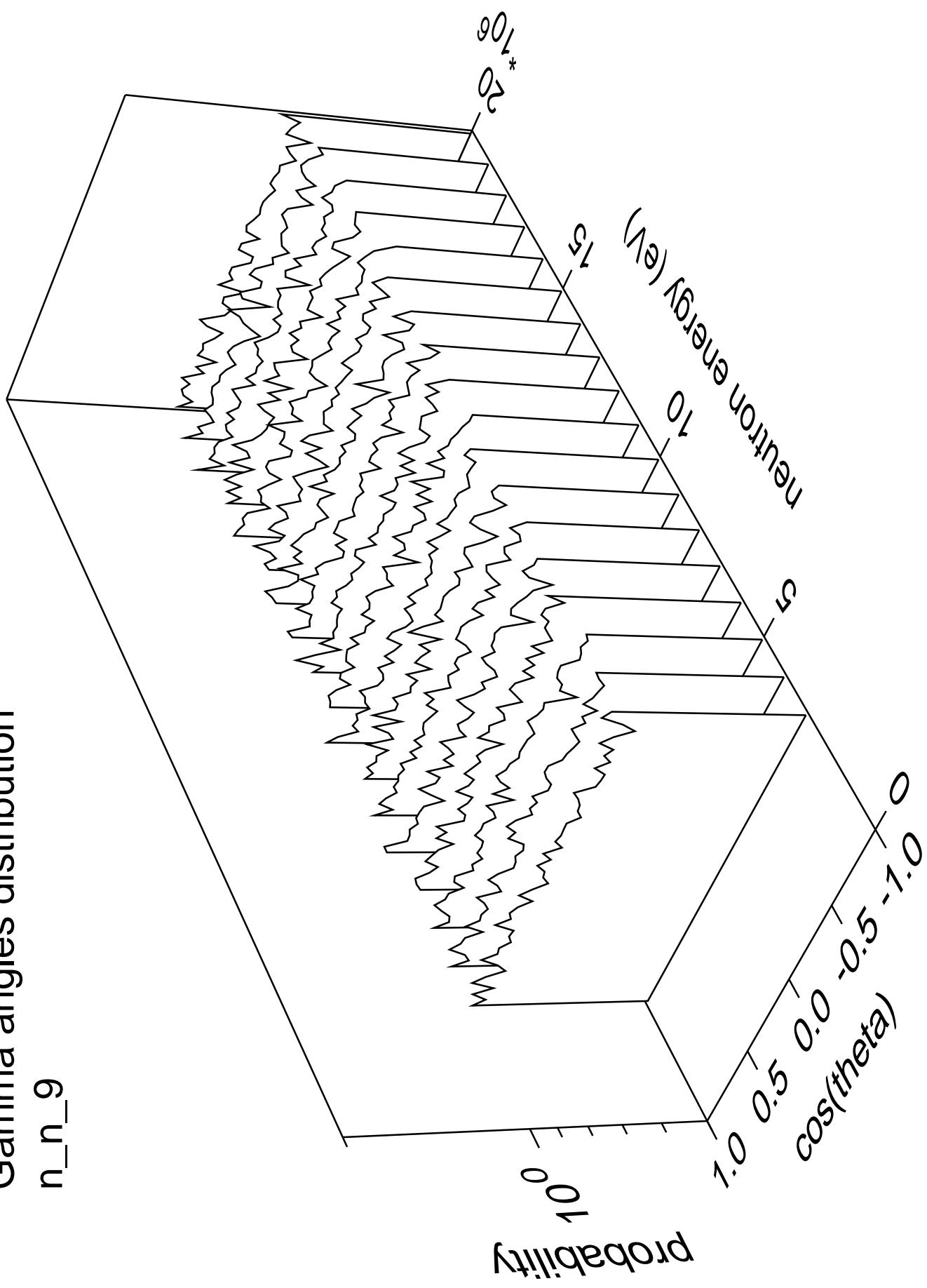


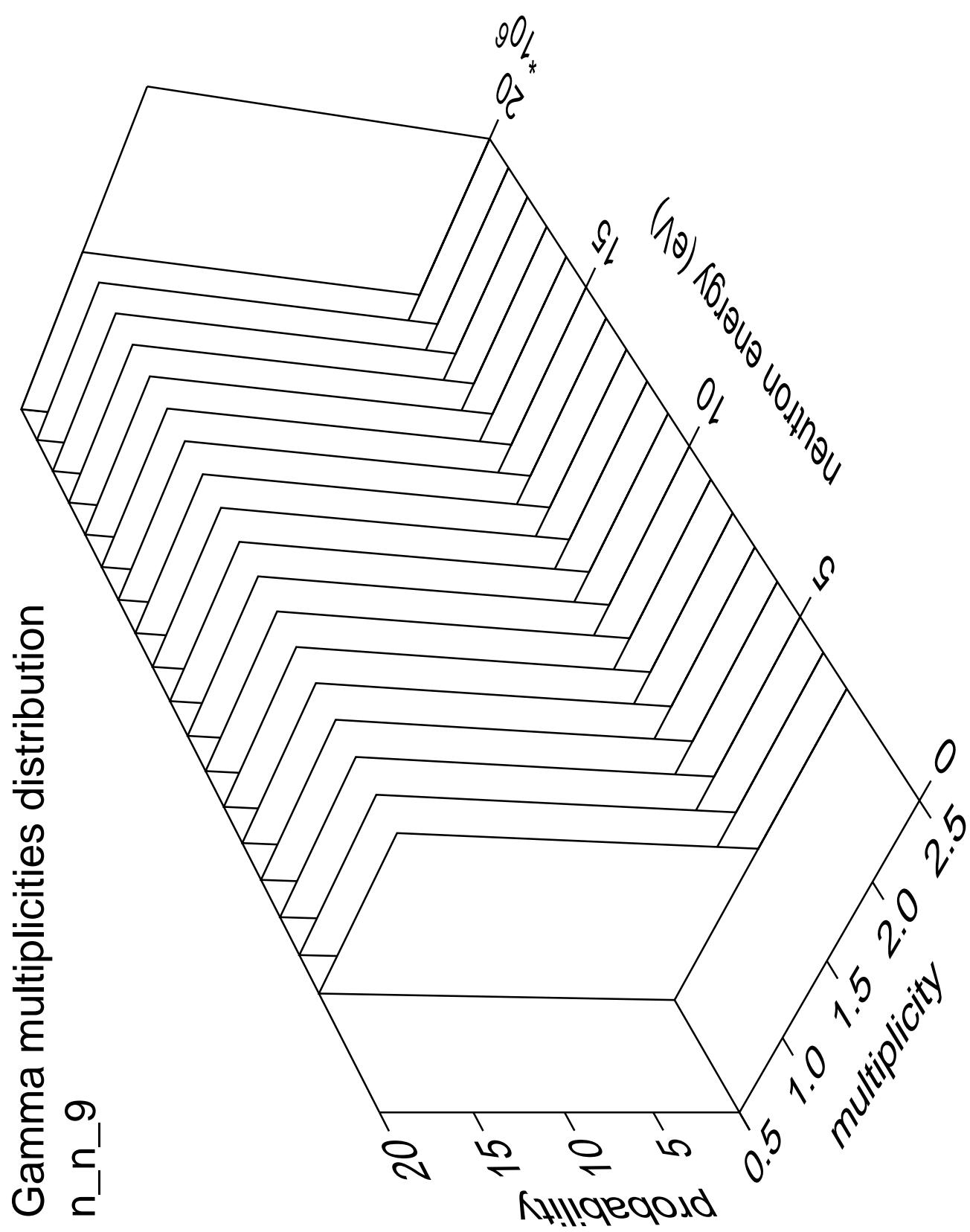




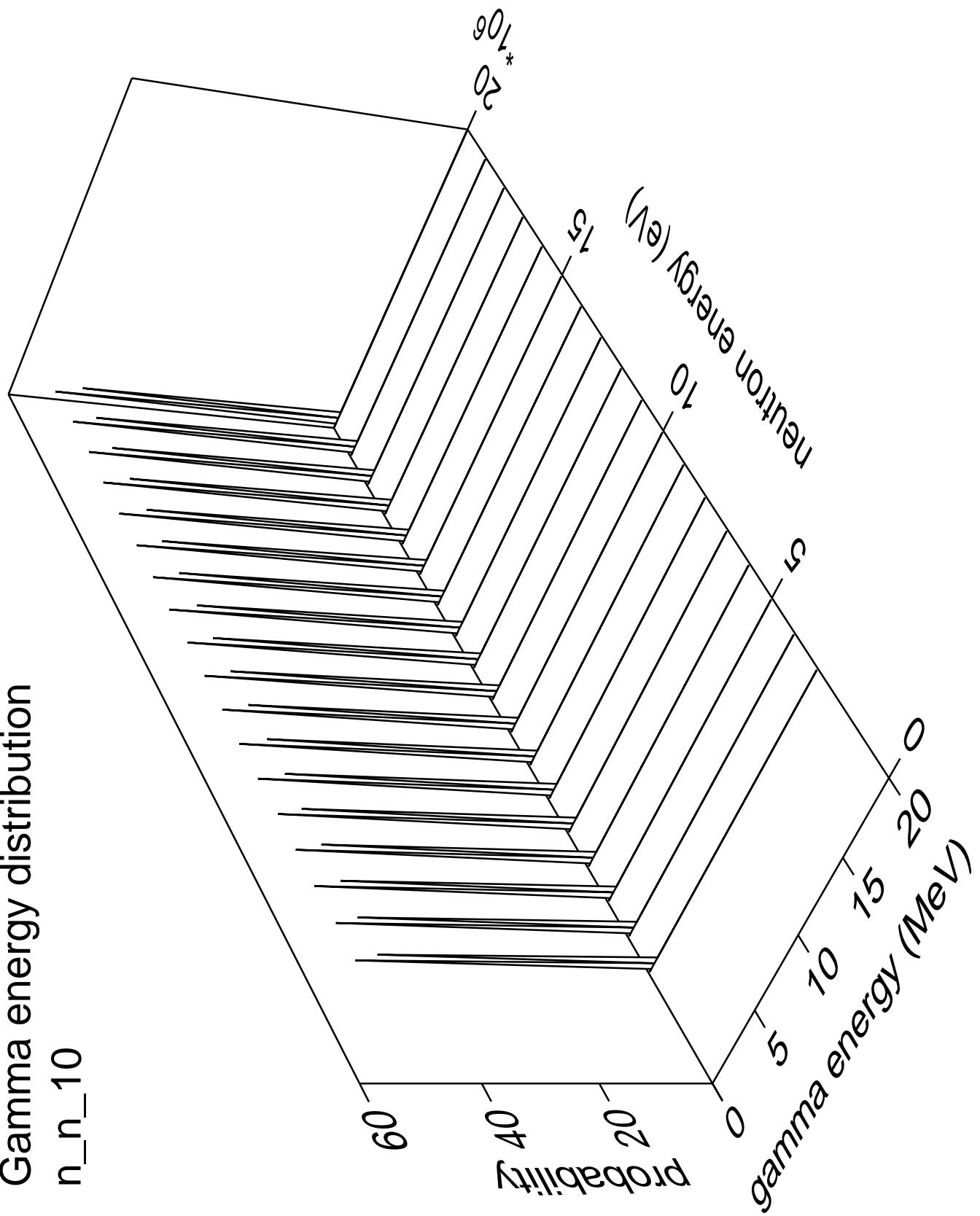
Gamma angles distribution

n_n_9



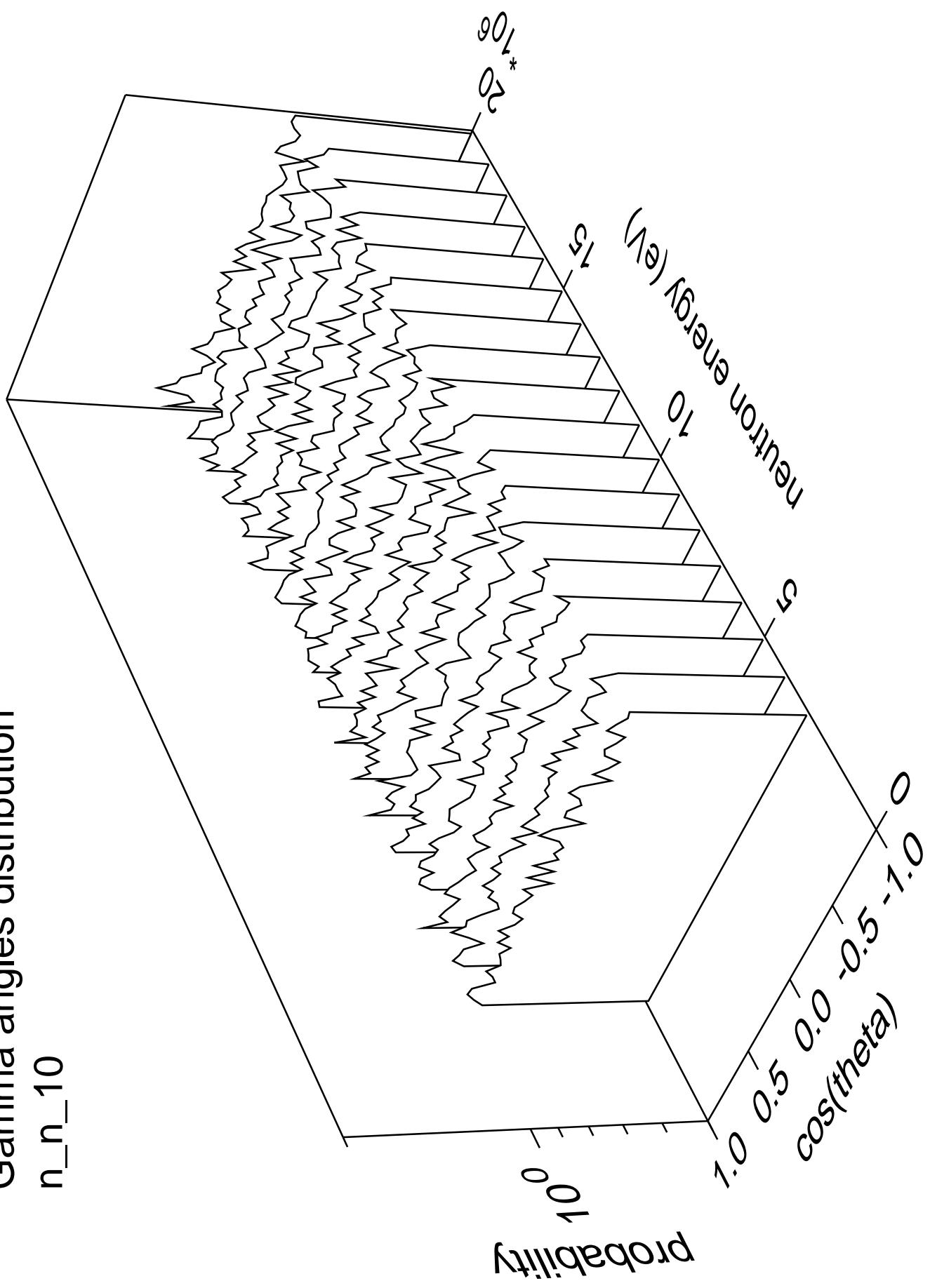


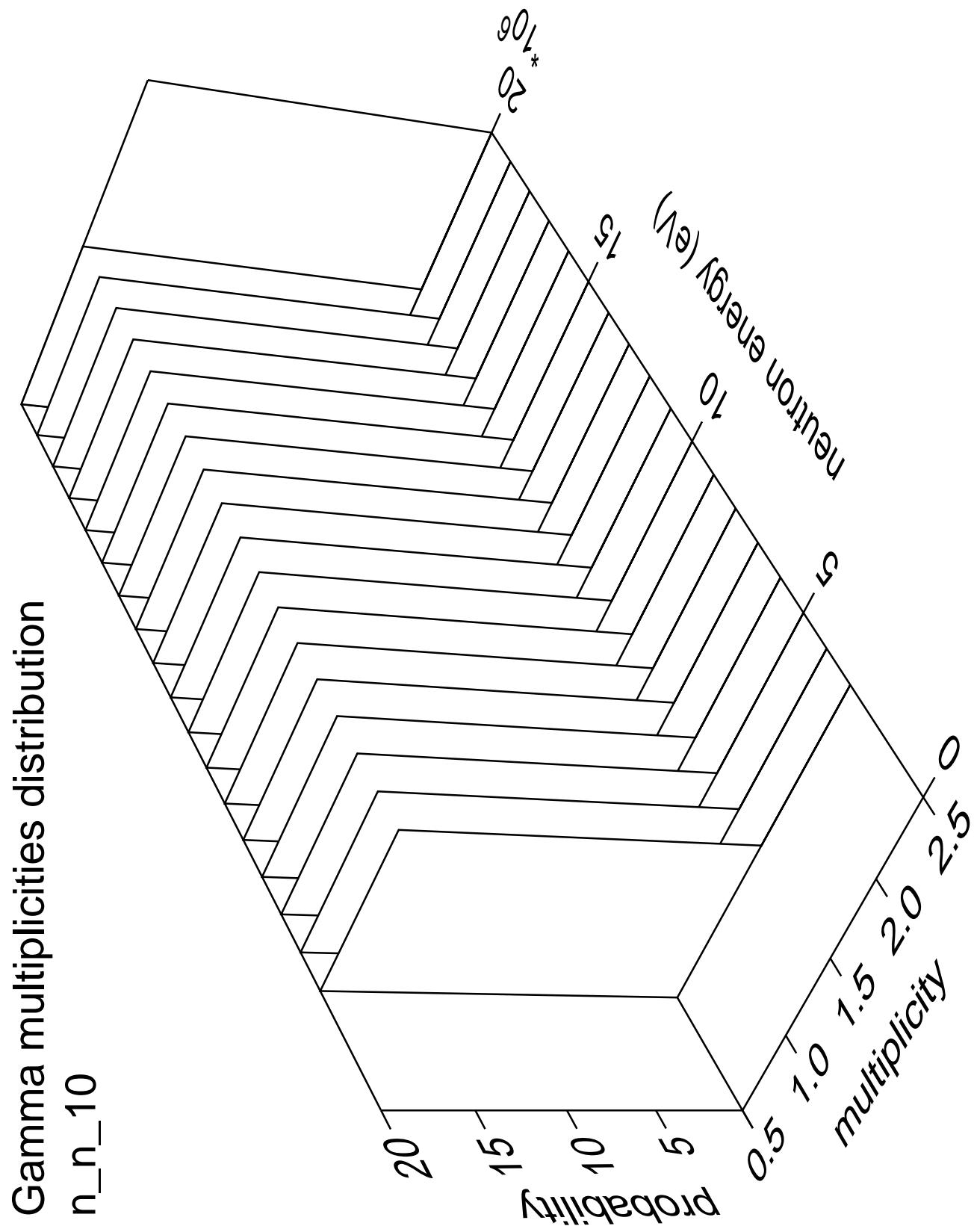
Gamma energy distribution



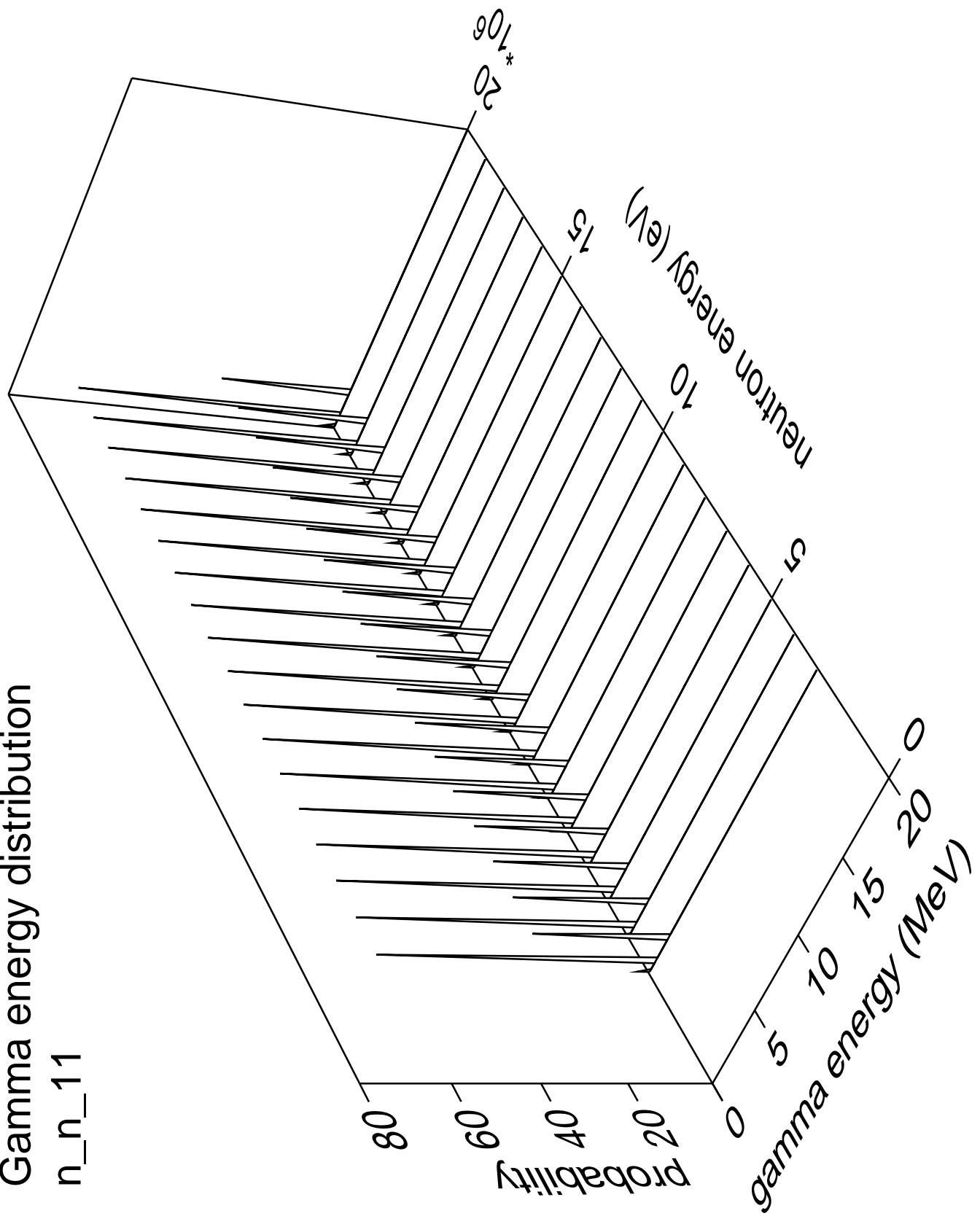
Gamma angles distribution

n_n_10

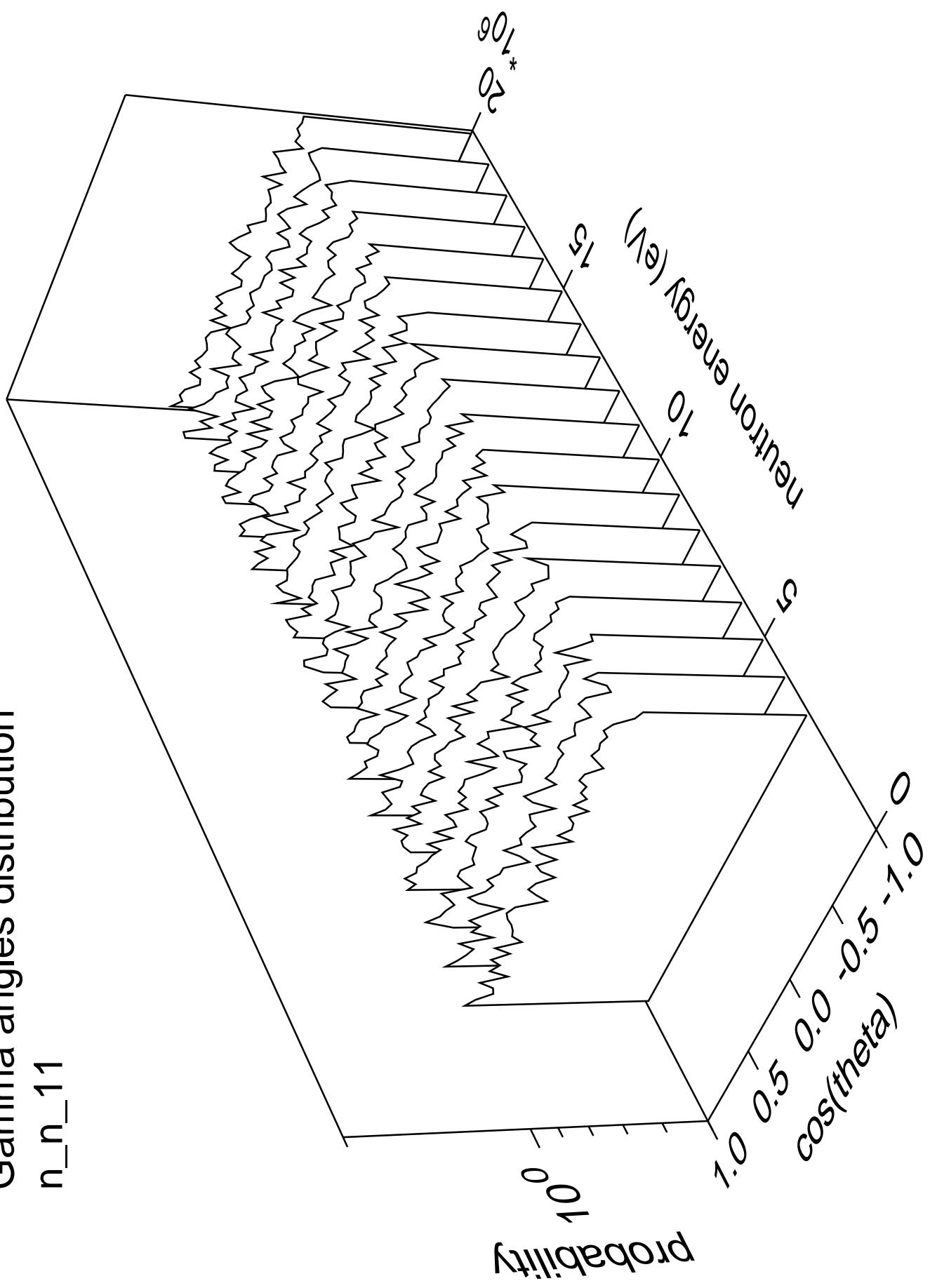




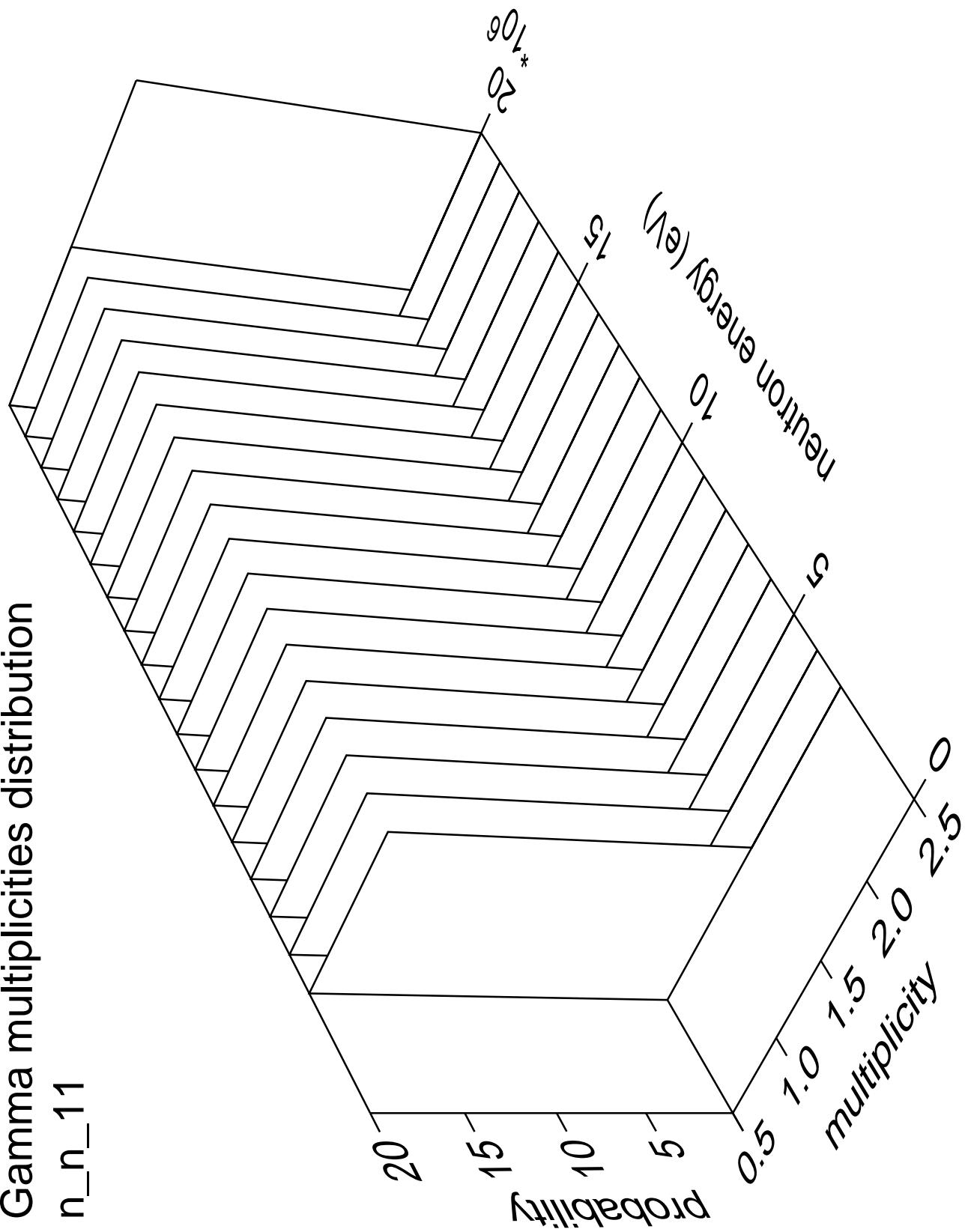
Gamma energy distribution



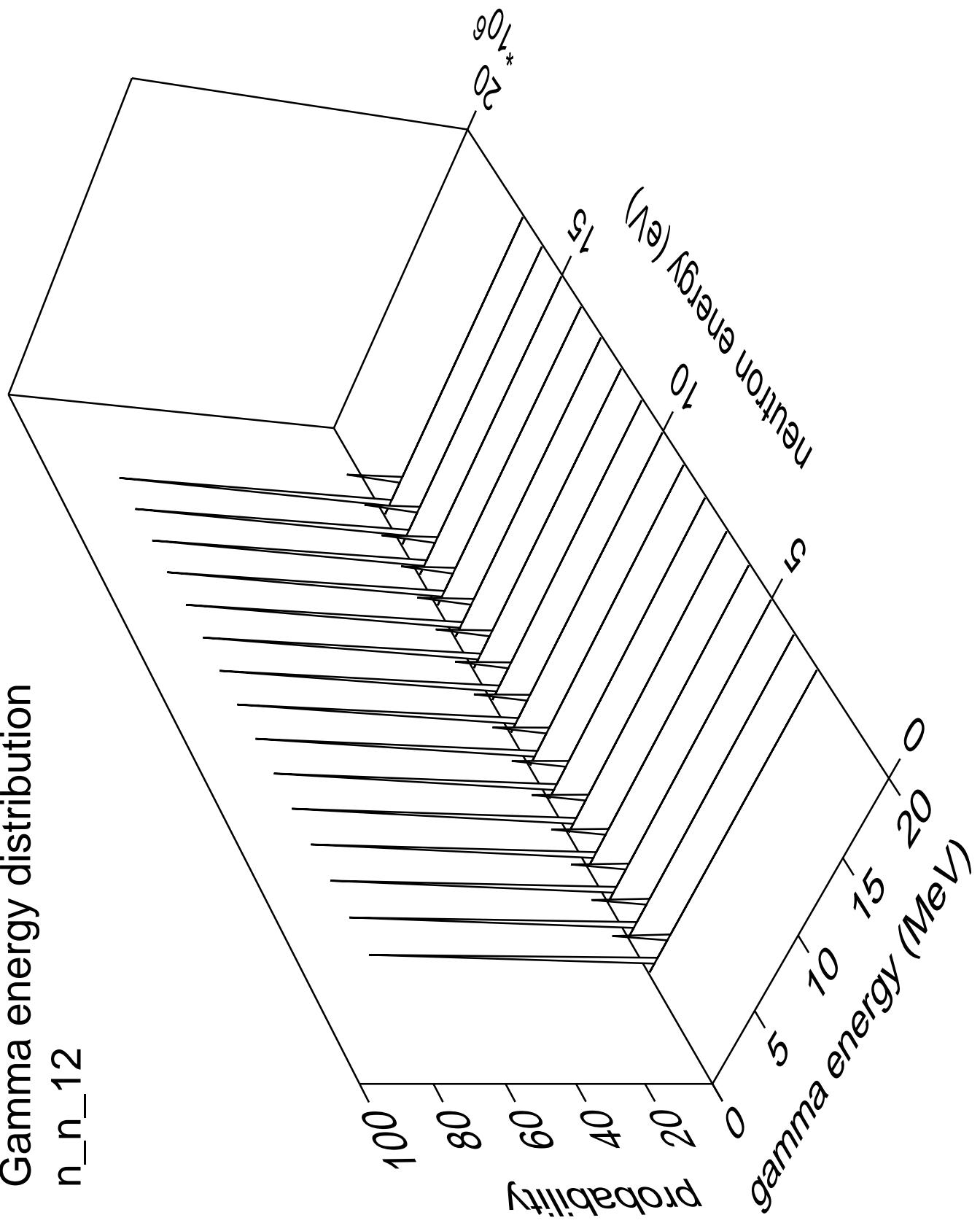
Gamma angles distribution



Gamma multiplicities distribution

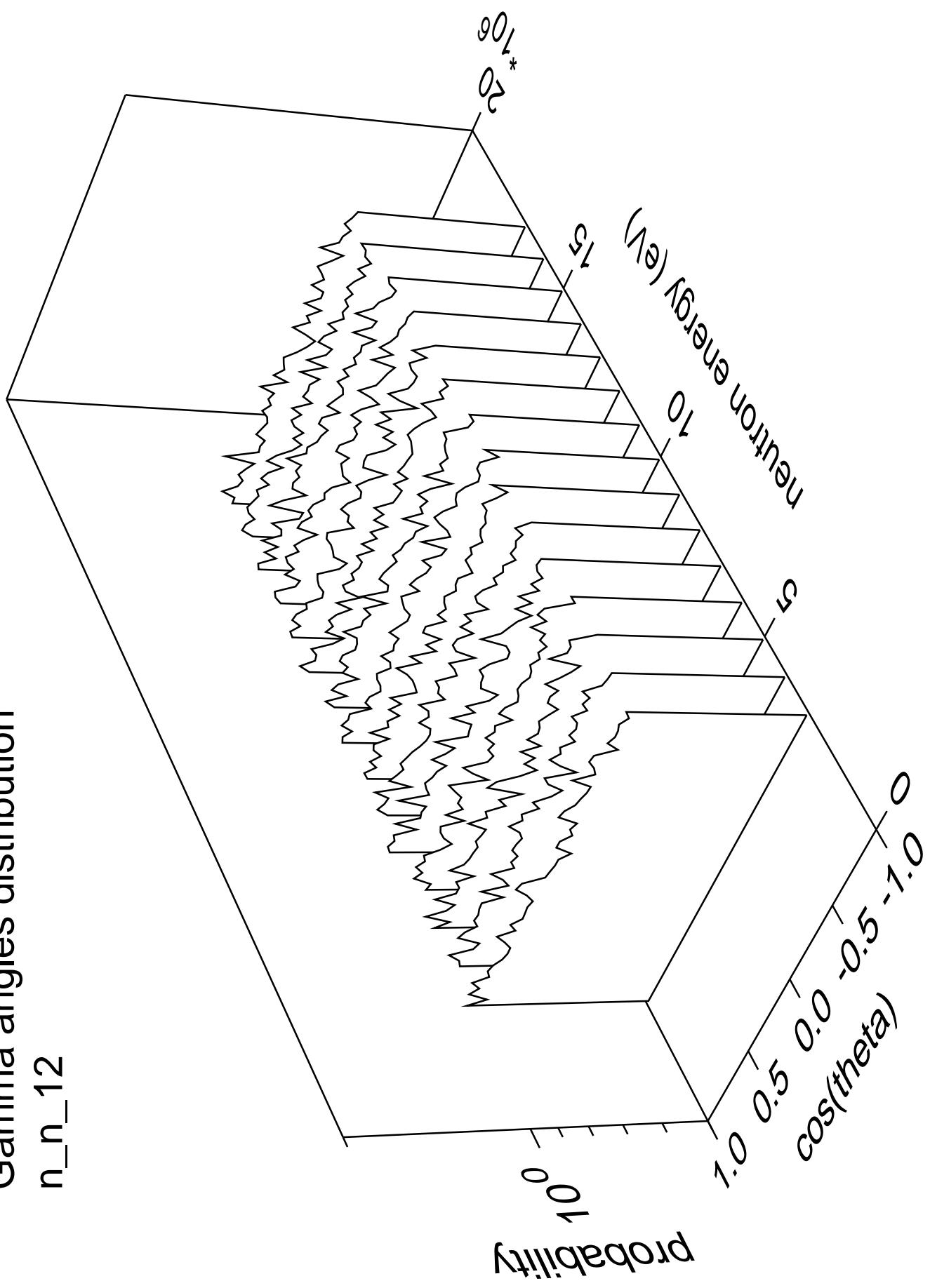


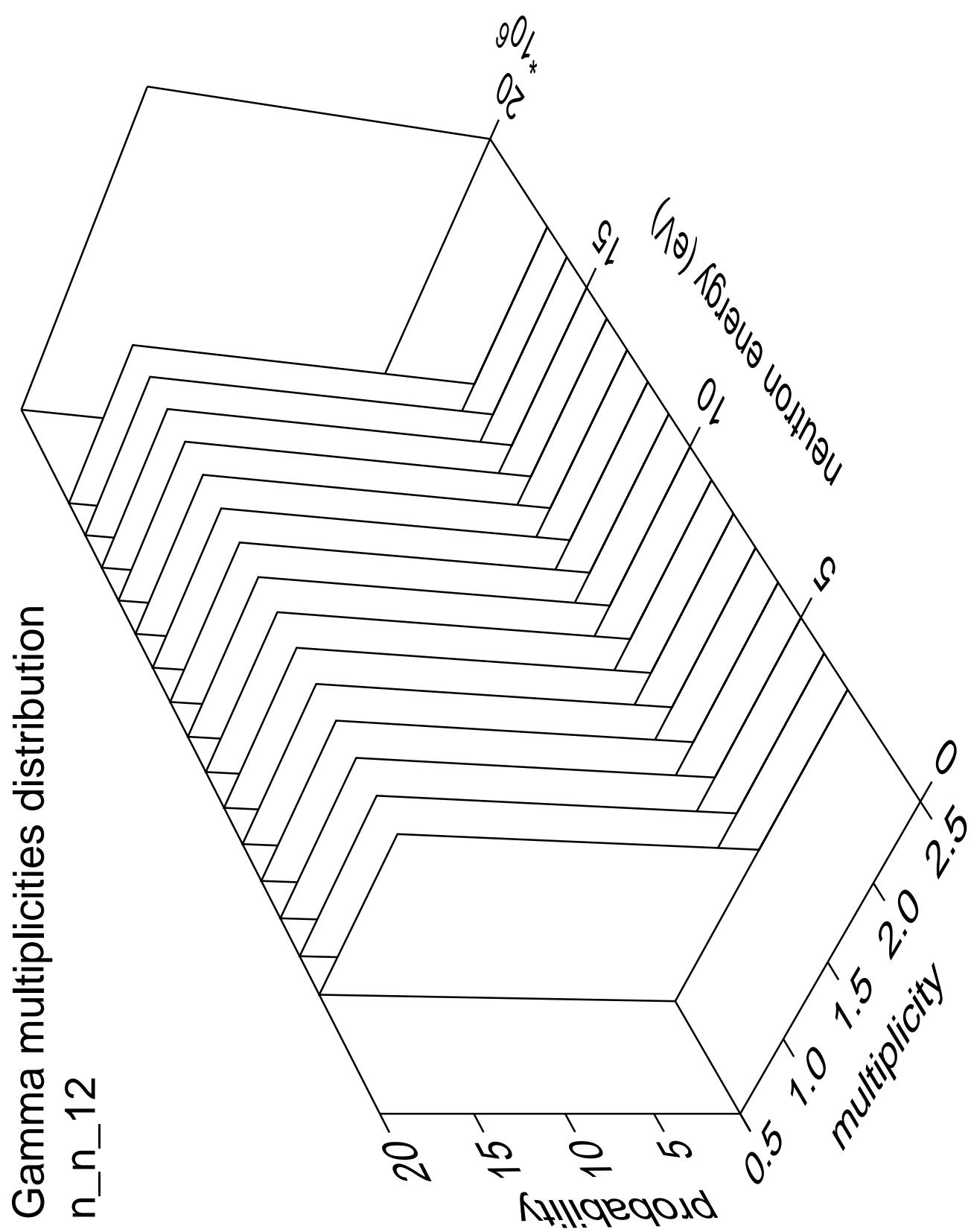
Gamma energy distribution n_n_{12}



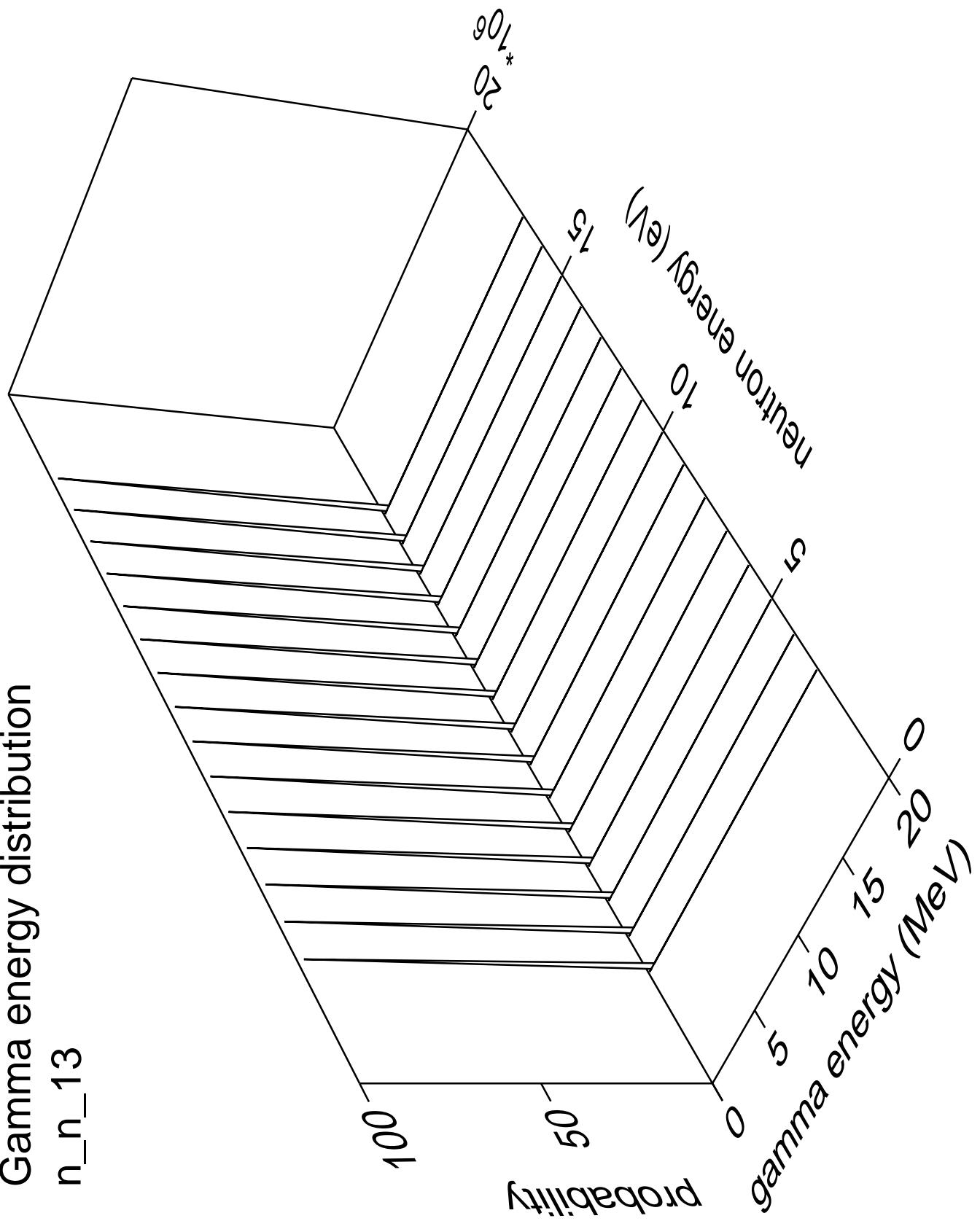
Gamma angles distribution

n_n_12



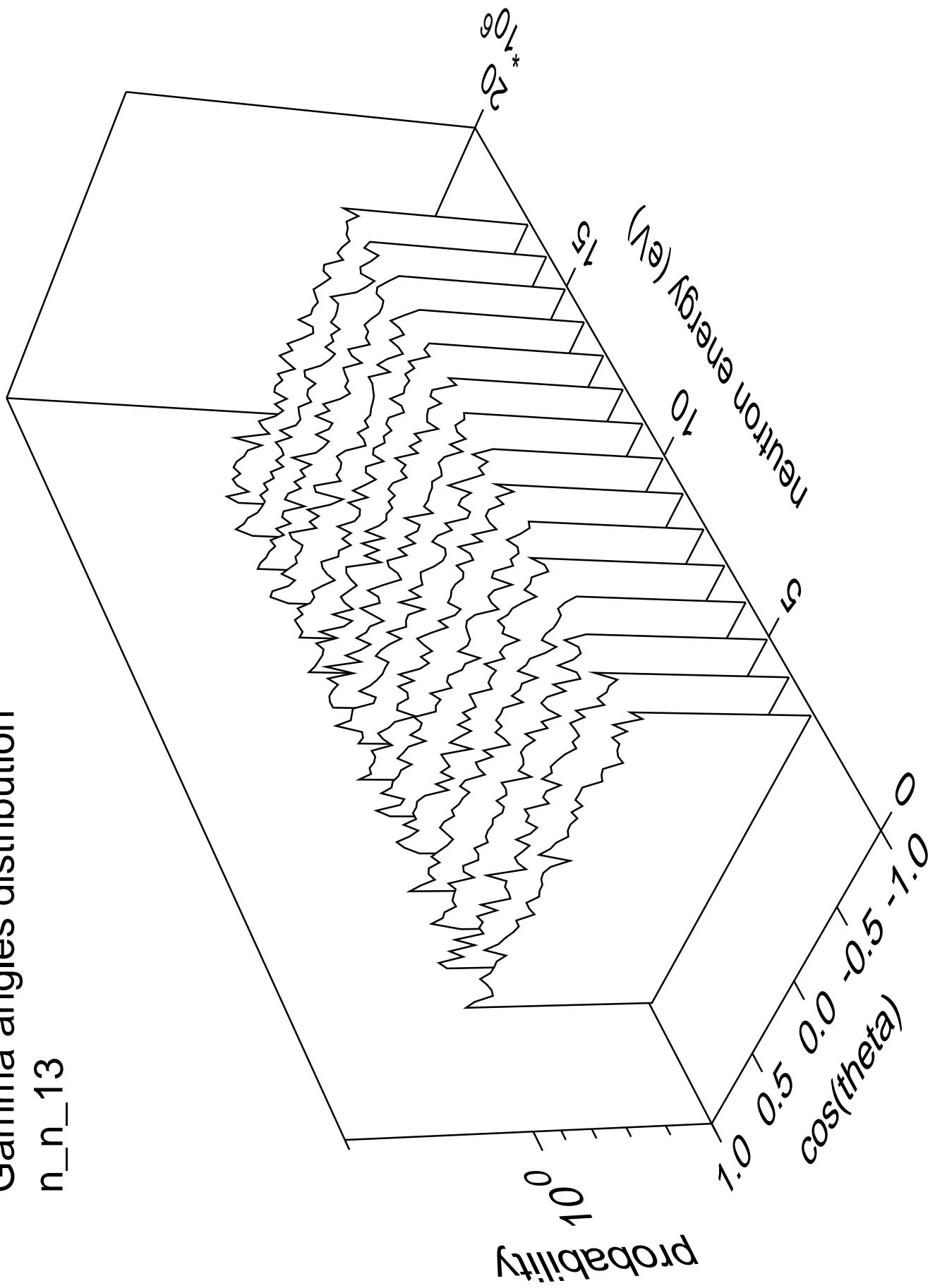


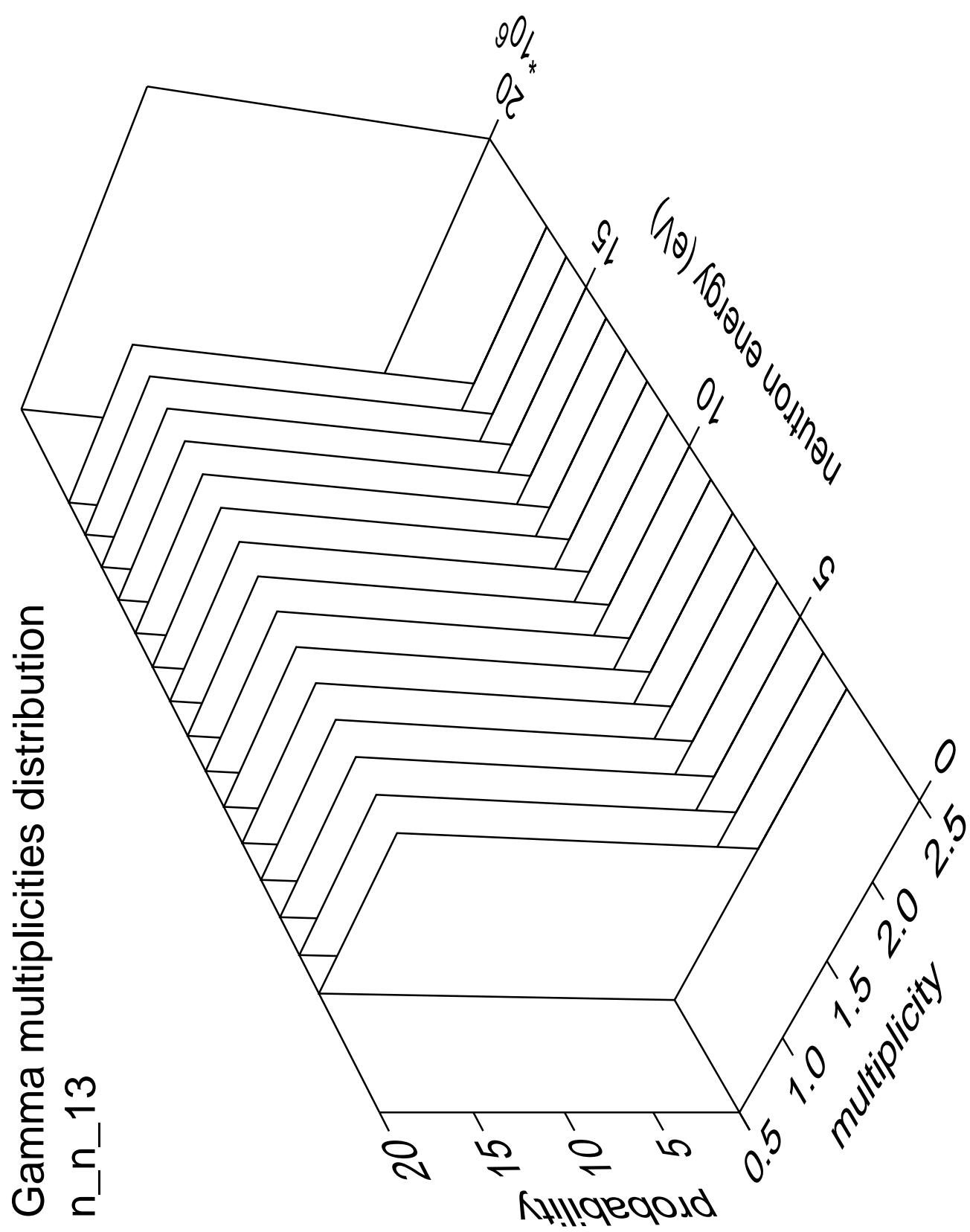
Gamma energy distribution



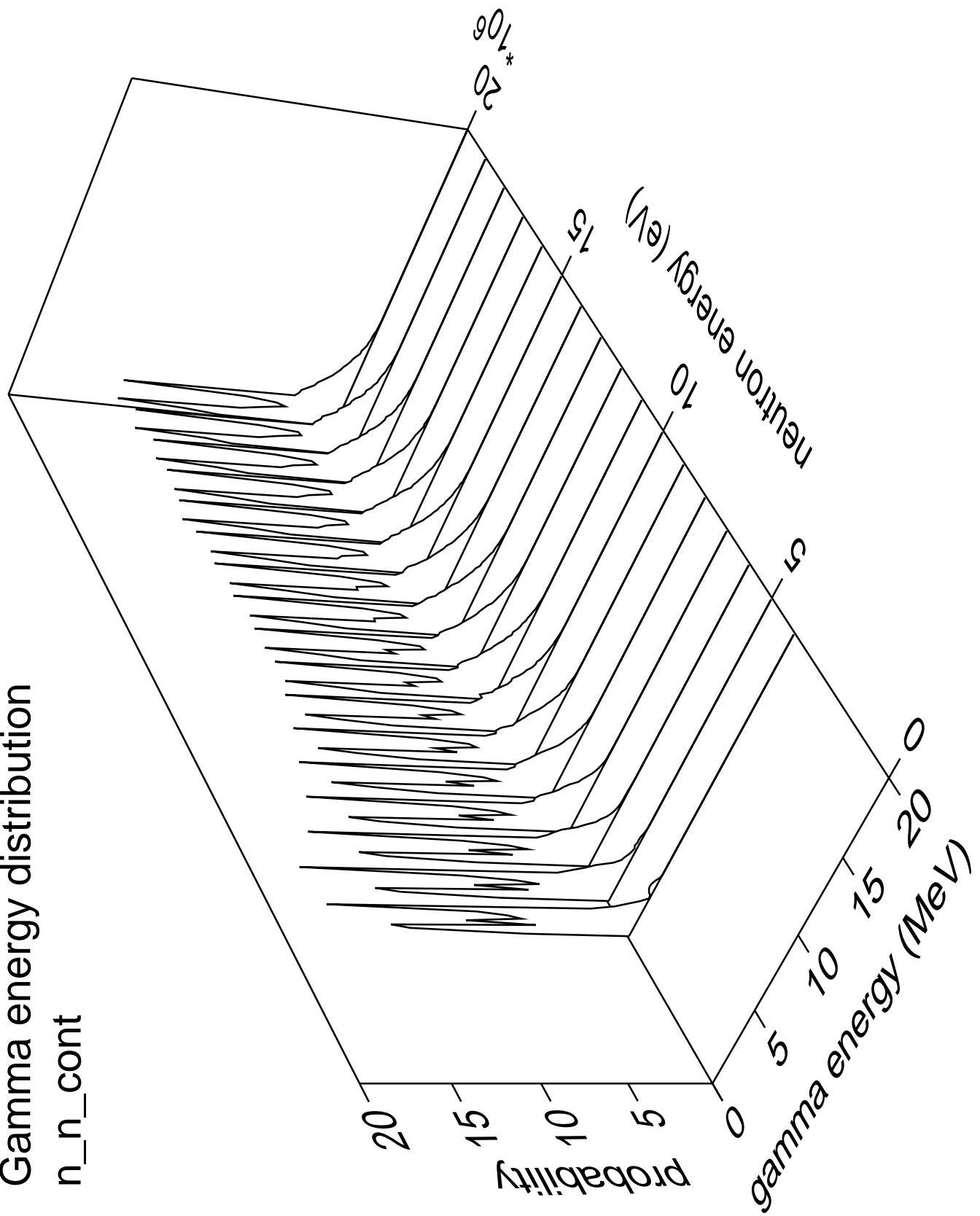
Gamma angles distribution

n_n_13



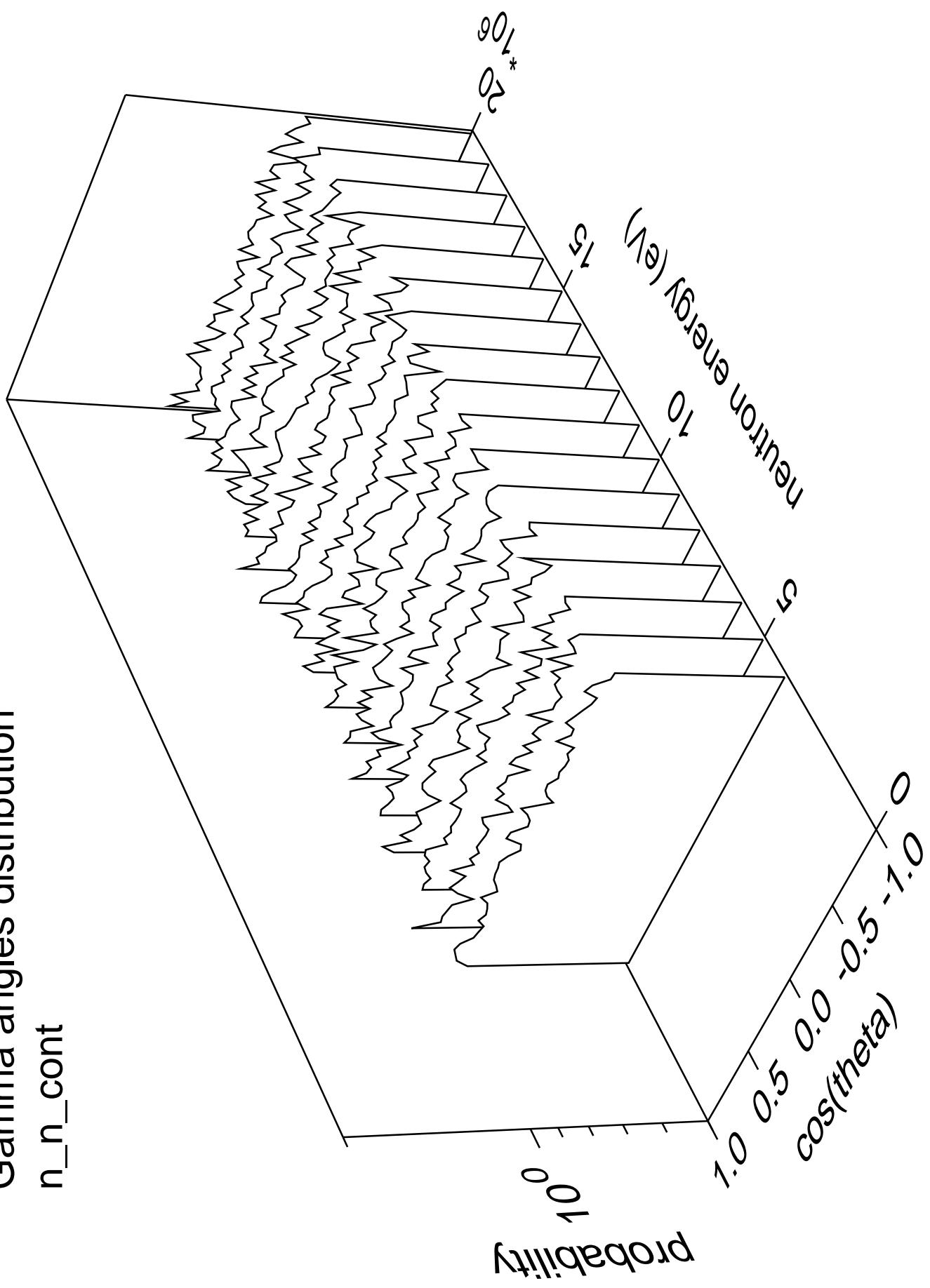


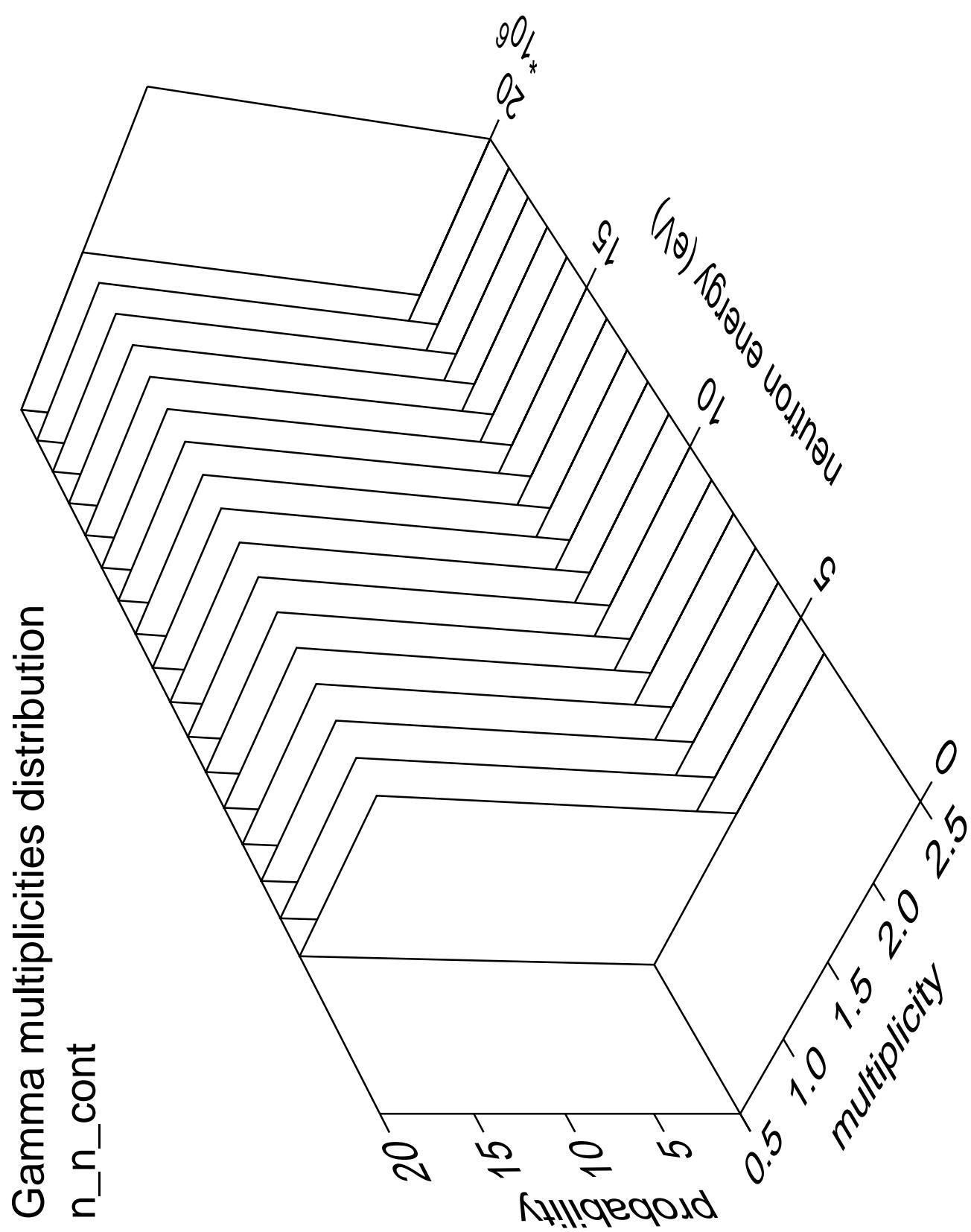
Gamma energy distribution
n_n_cont

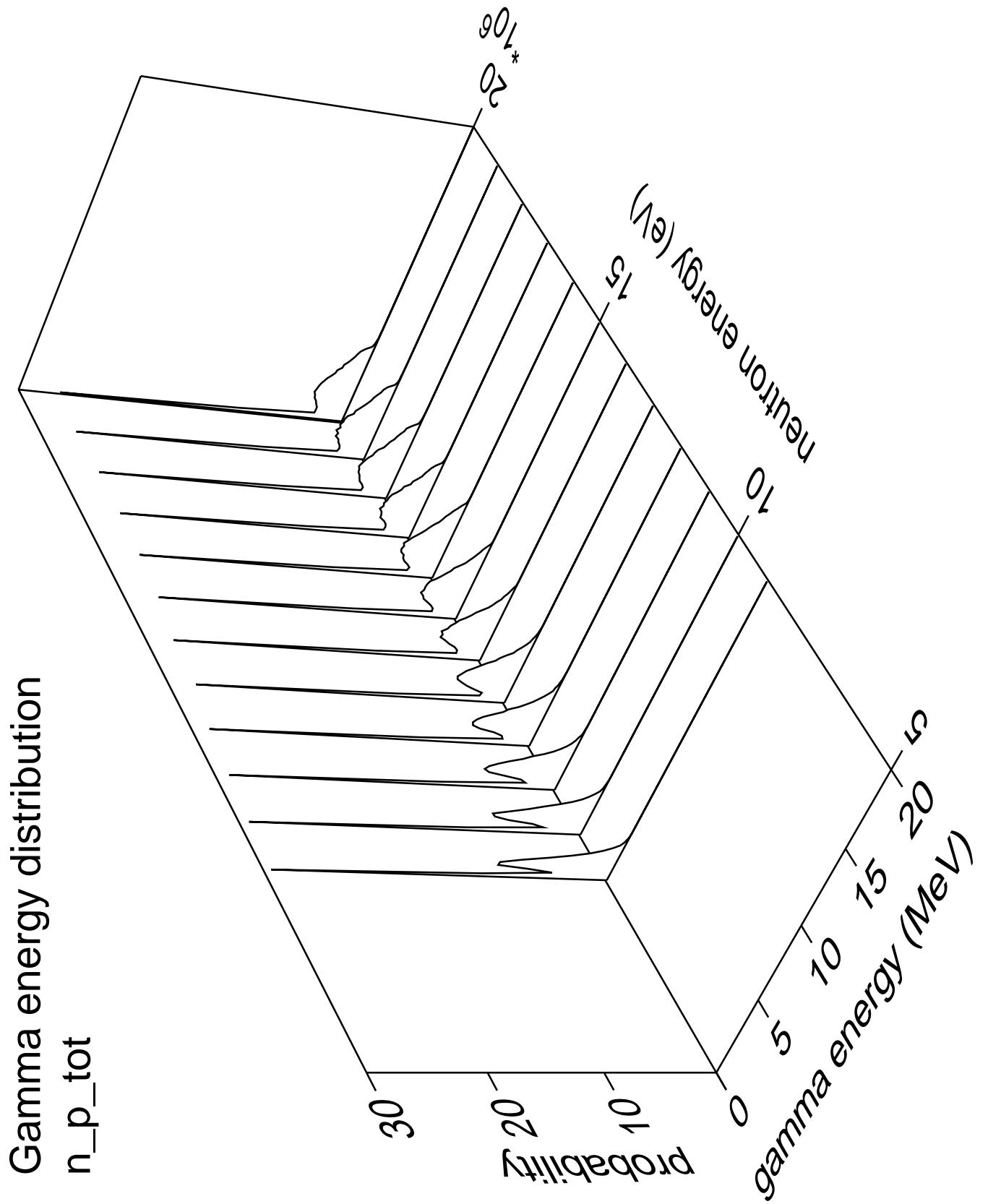


Gamma angles distribution

n_n_cont







Gamma angles distribution

n_p_{tot}

Probability

10^0

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}

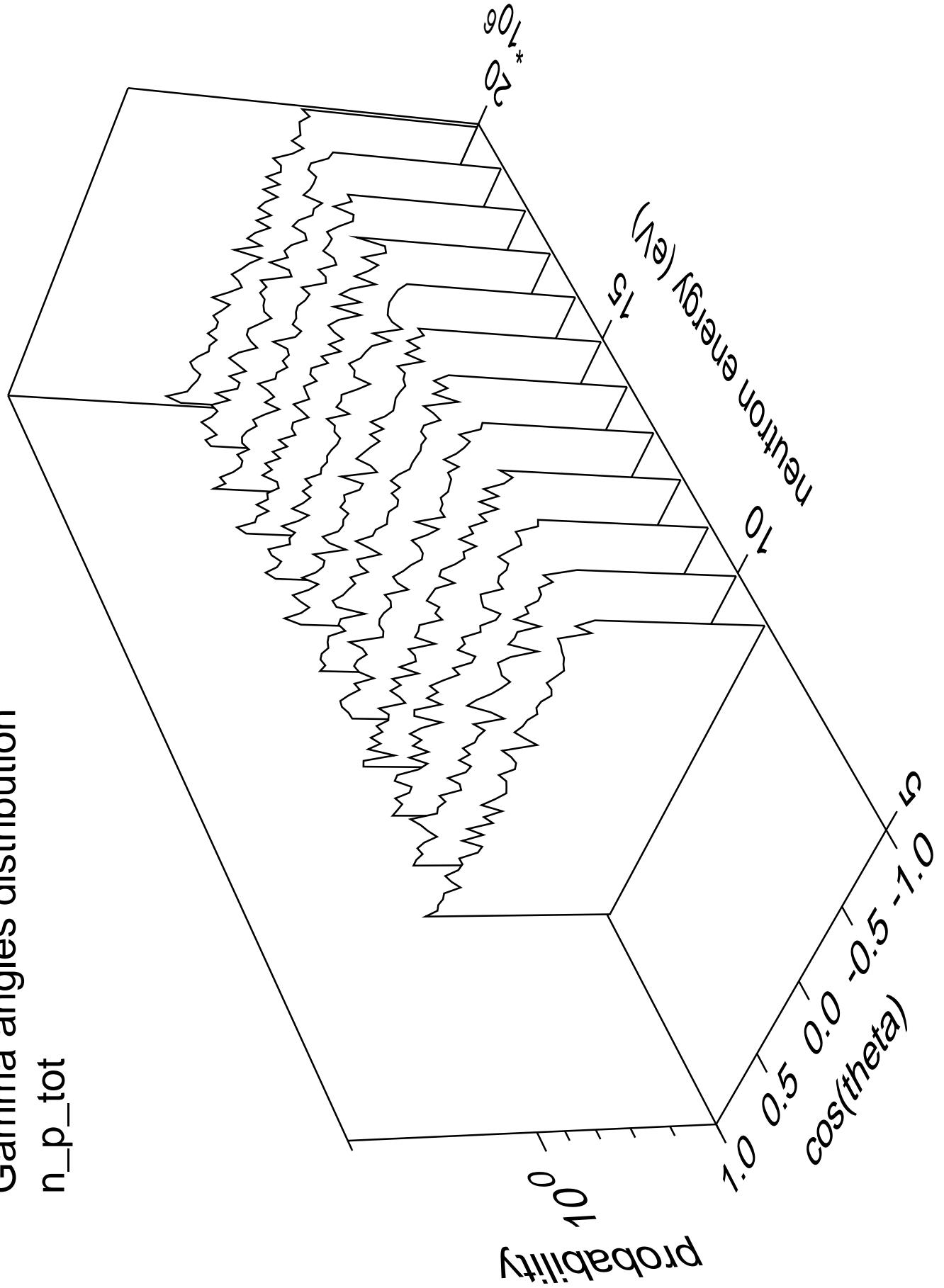
10^{18}

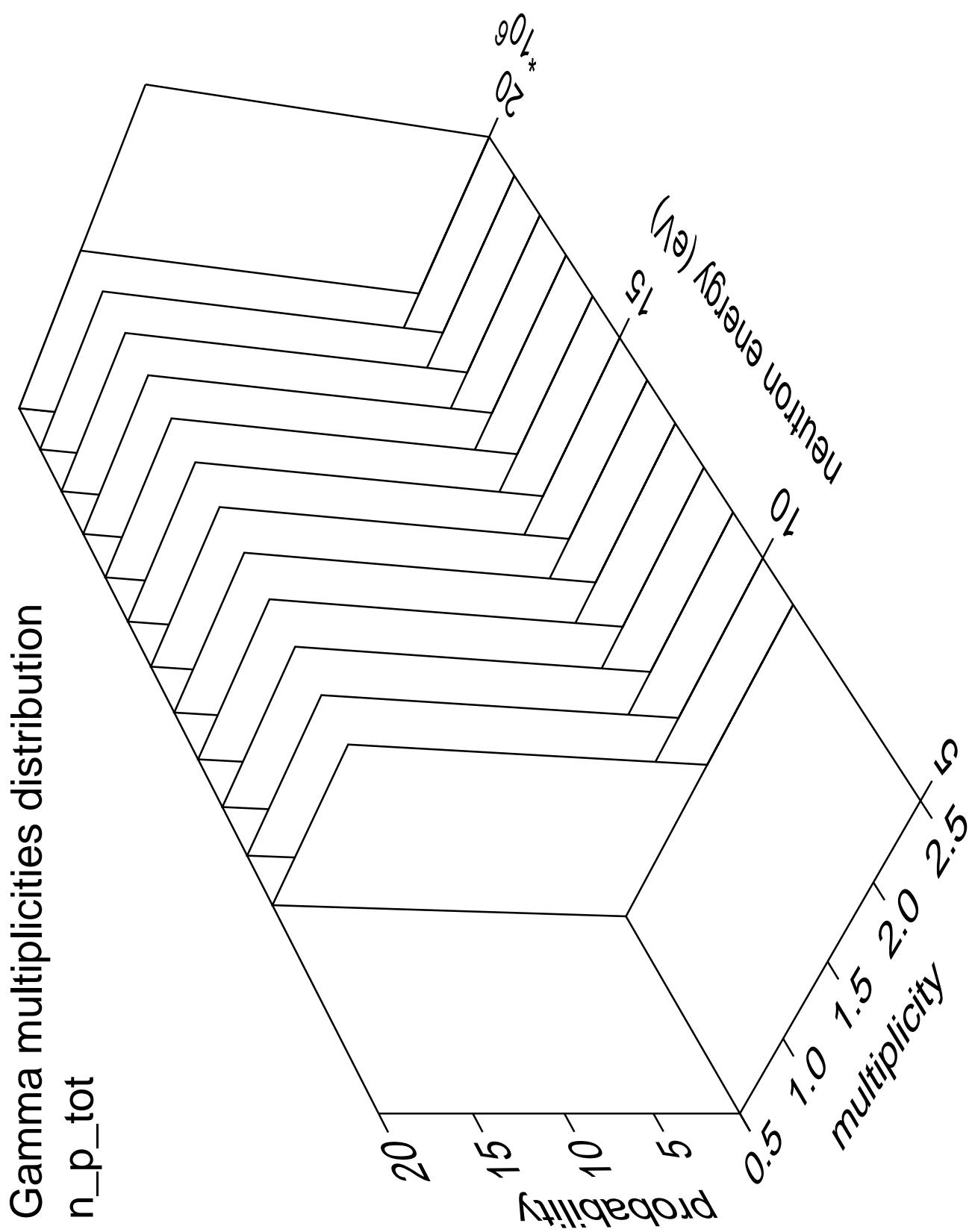
10^{19}

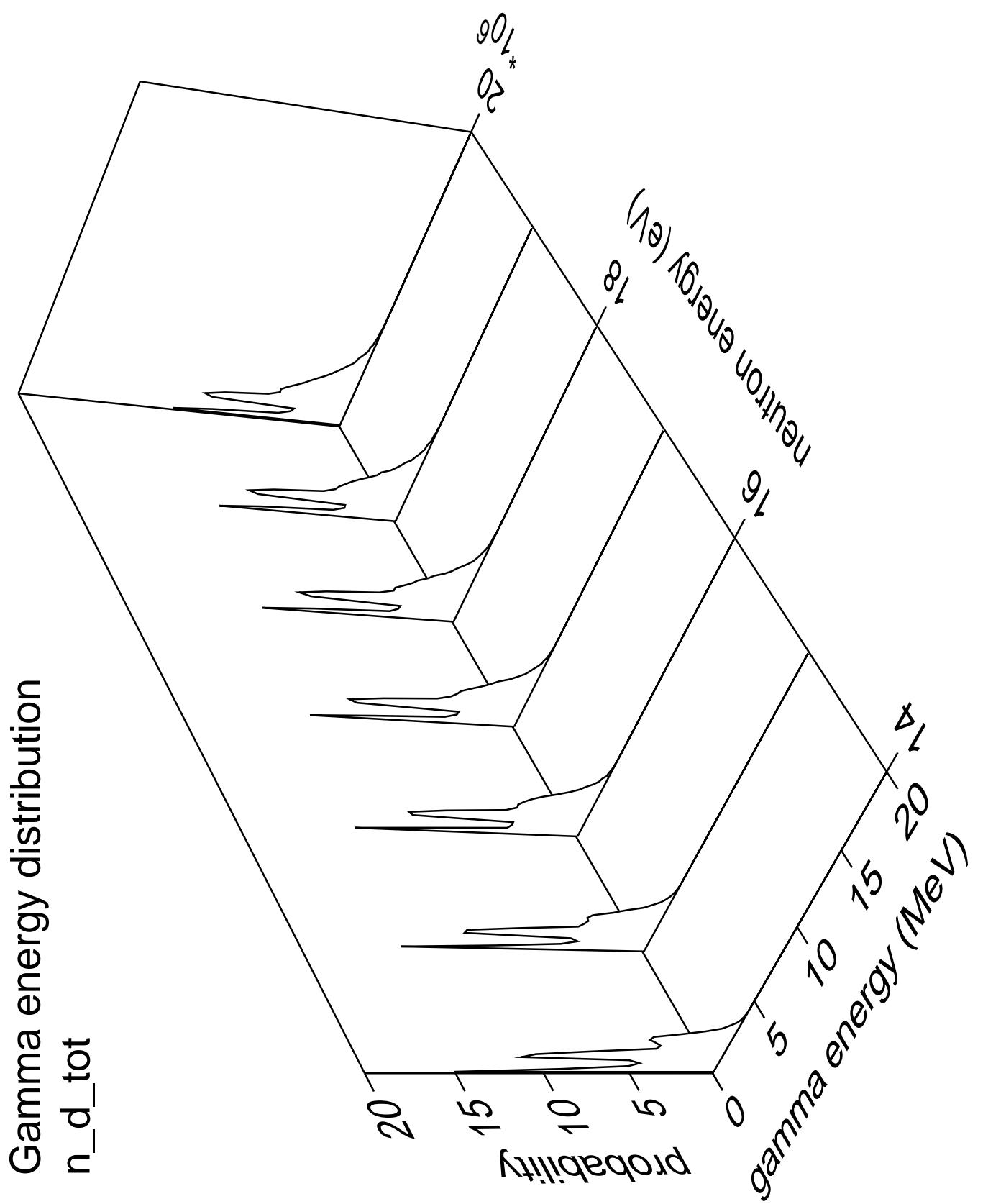
10^{20}

neutron energy (eV)

$\cos(\theta)$







Gamma angles distribution

n_d_{tot}

Probability

10^0

10^6

10^5

10^4

10^3

10^2

10^1

10^0

1.0

0.5

0.0

-0.5

-1.0

△

$\cos(\theta)$)

neutron energy (eV)

10¹

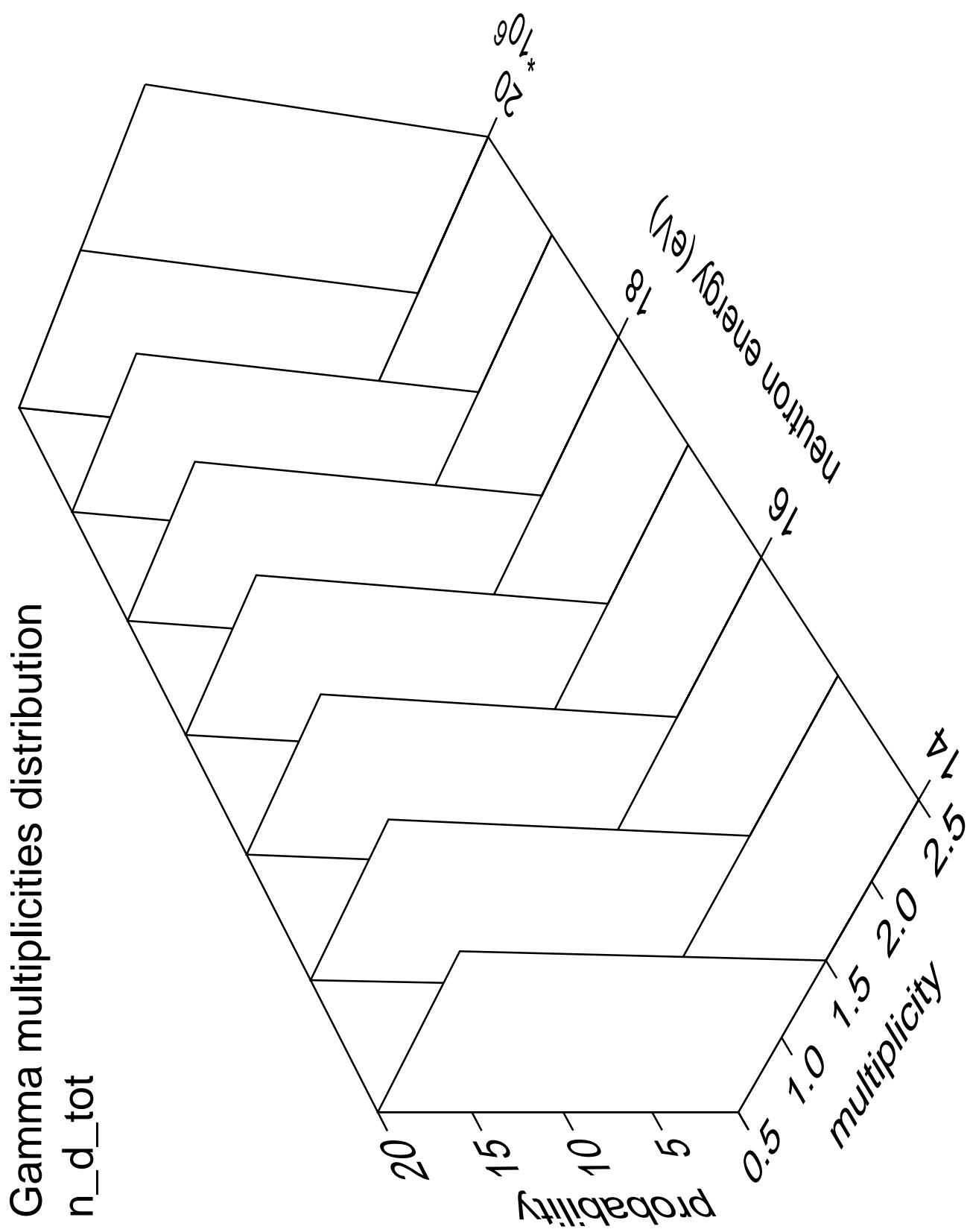
10²

10³

10⁴

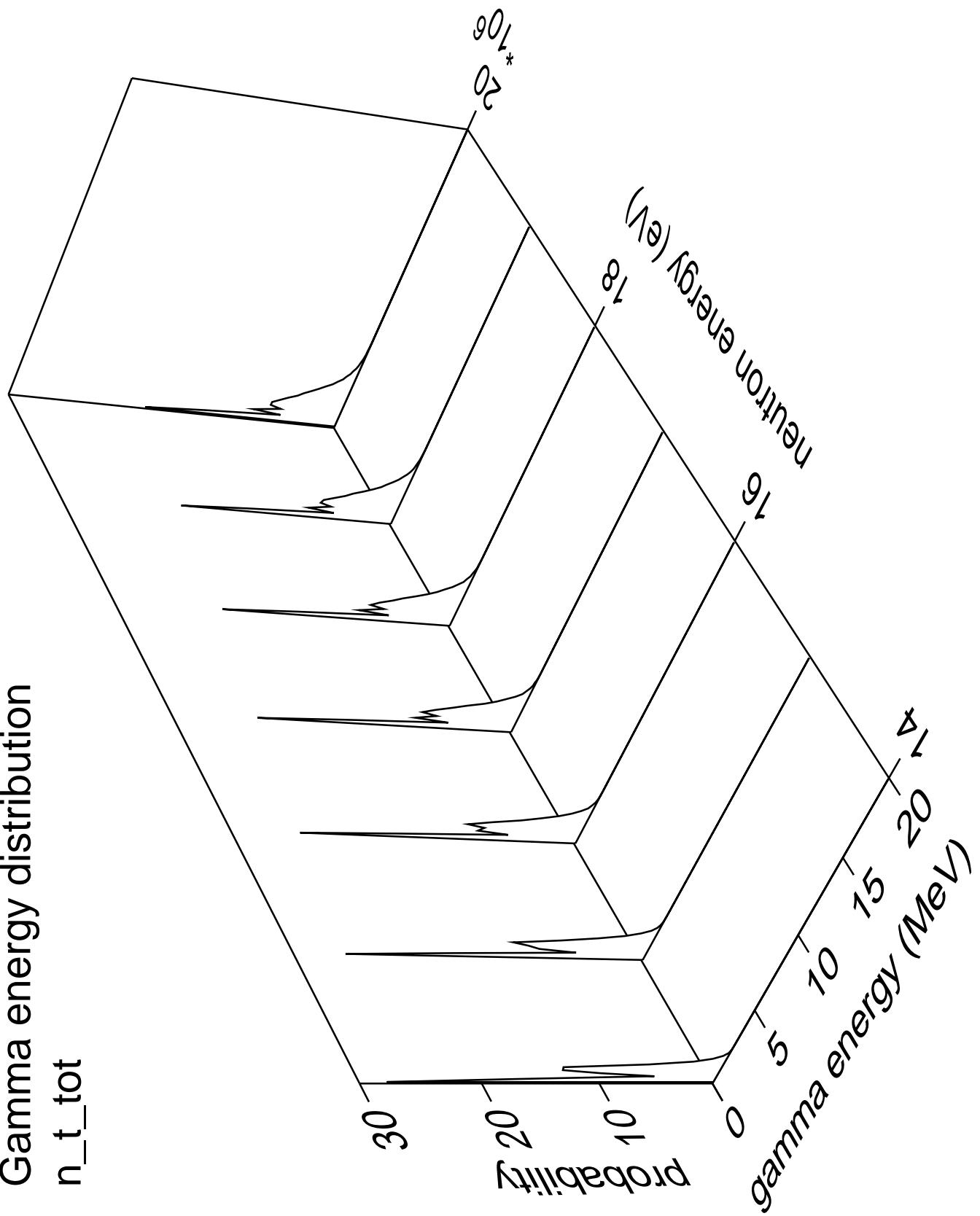
10⁵

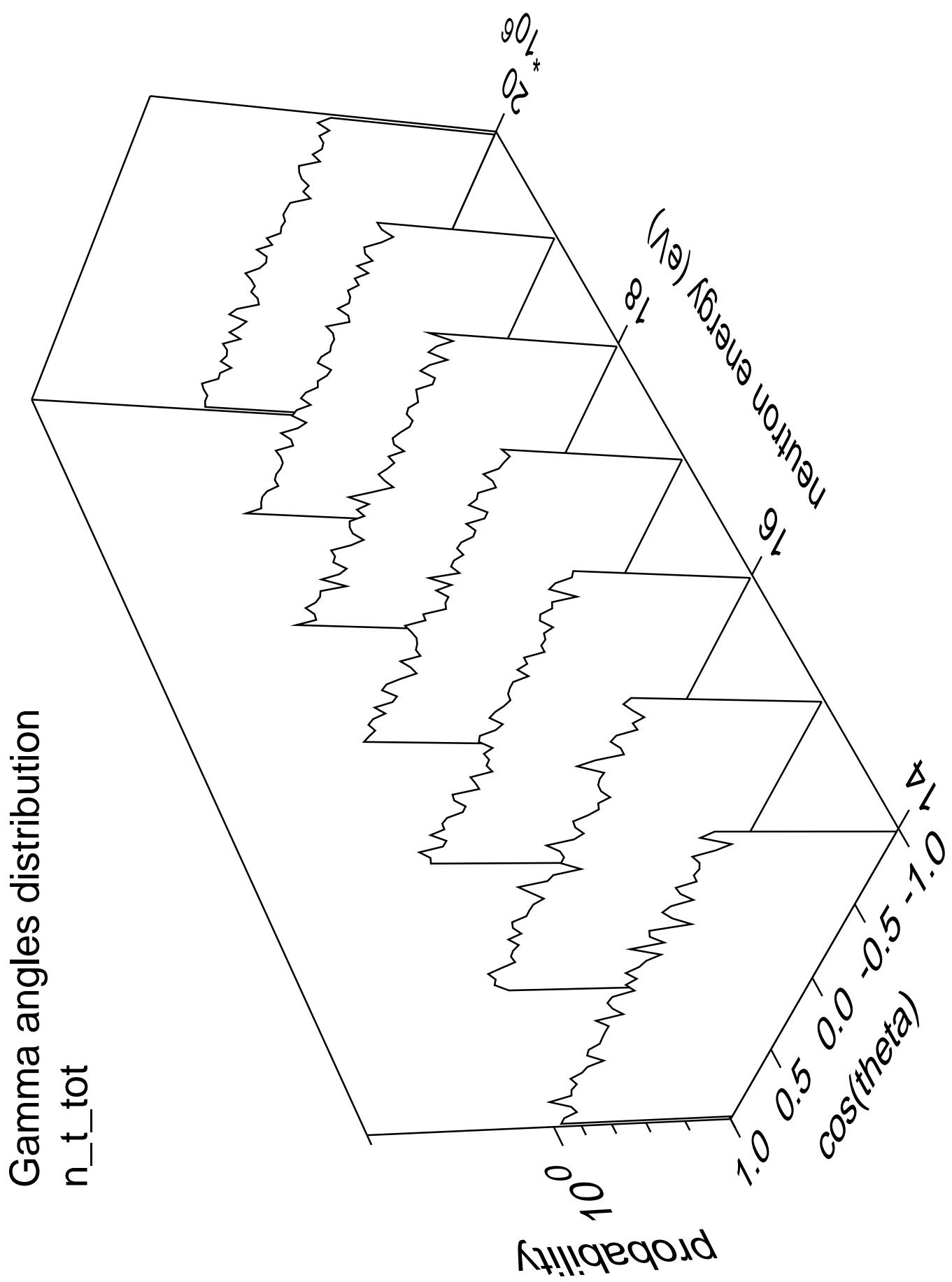
10⁶

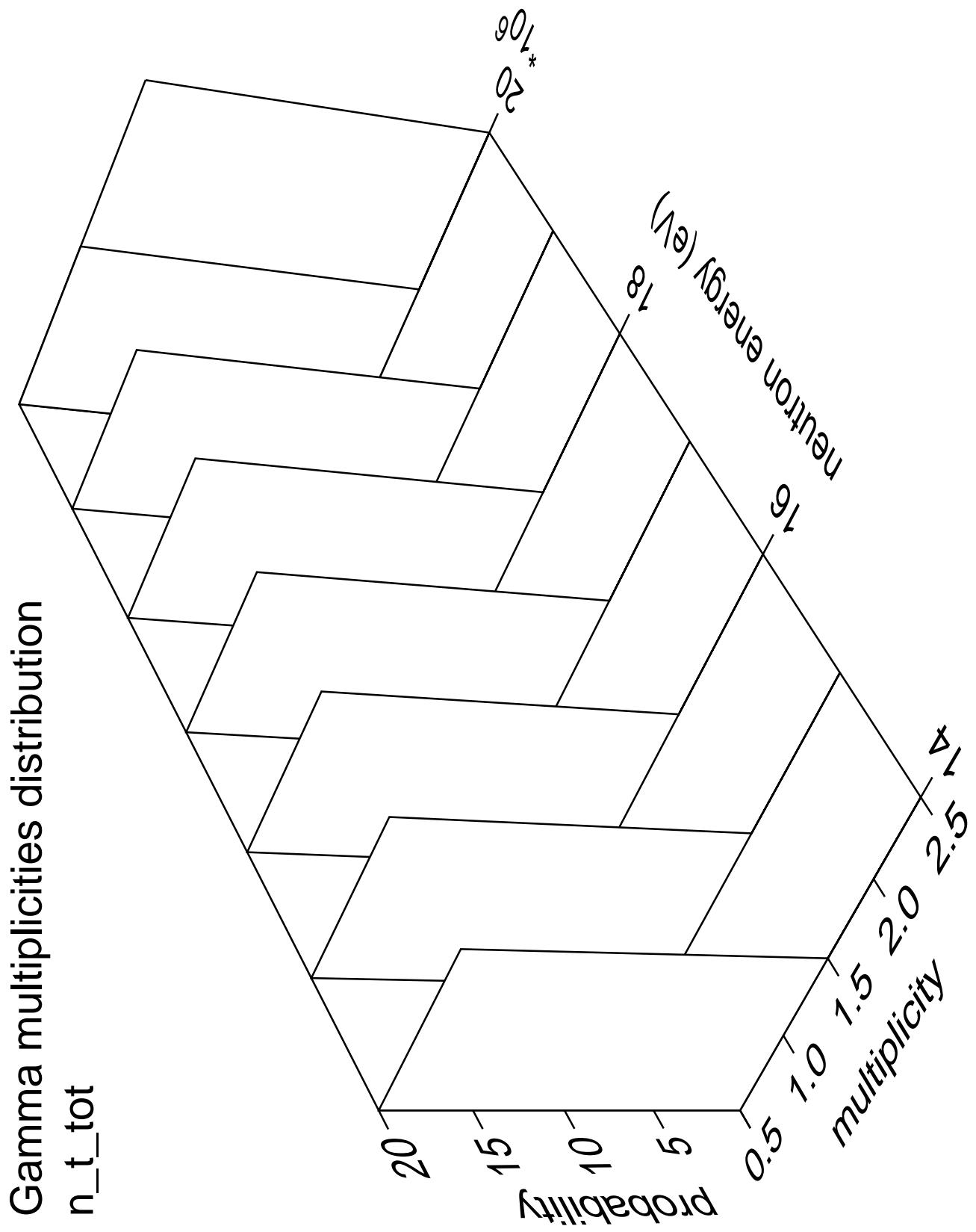


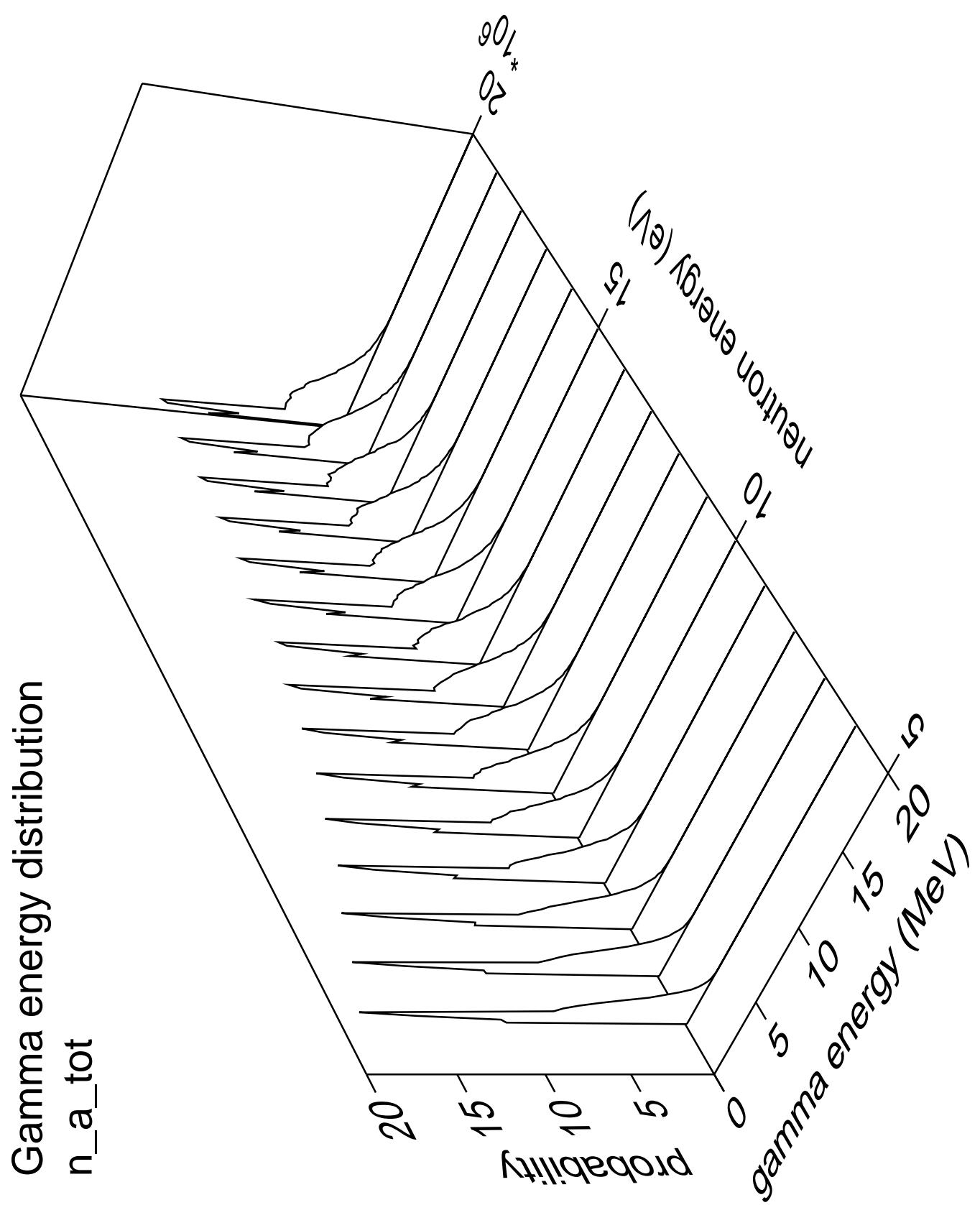
Gamma energy distribution

n_t_tot









Gamma angles distribution

n_a_{tot}

