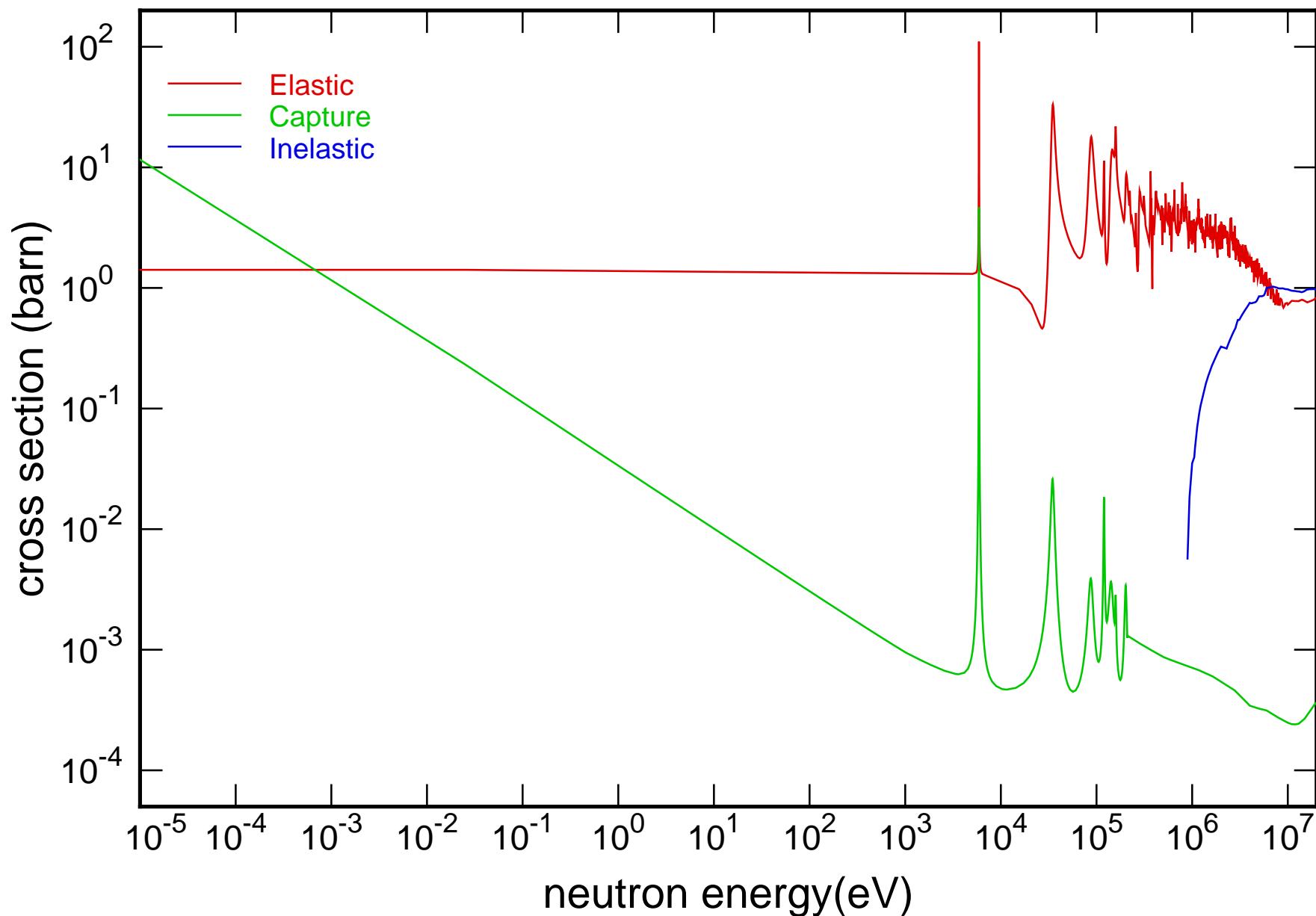
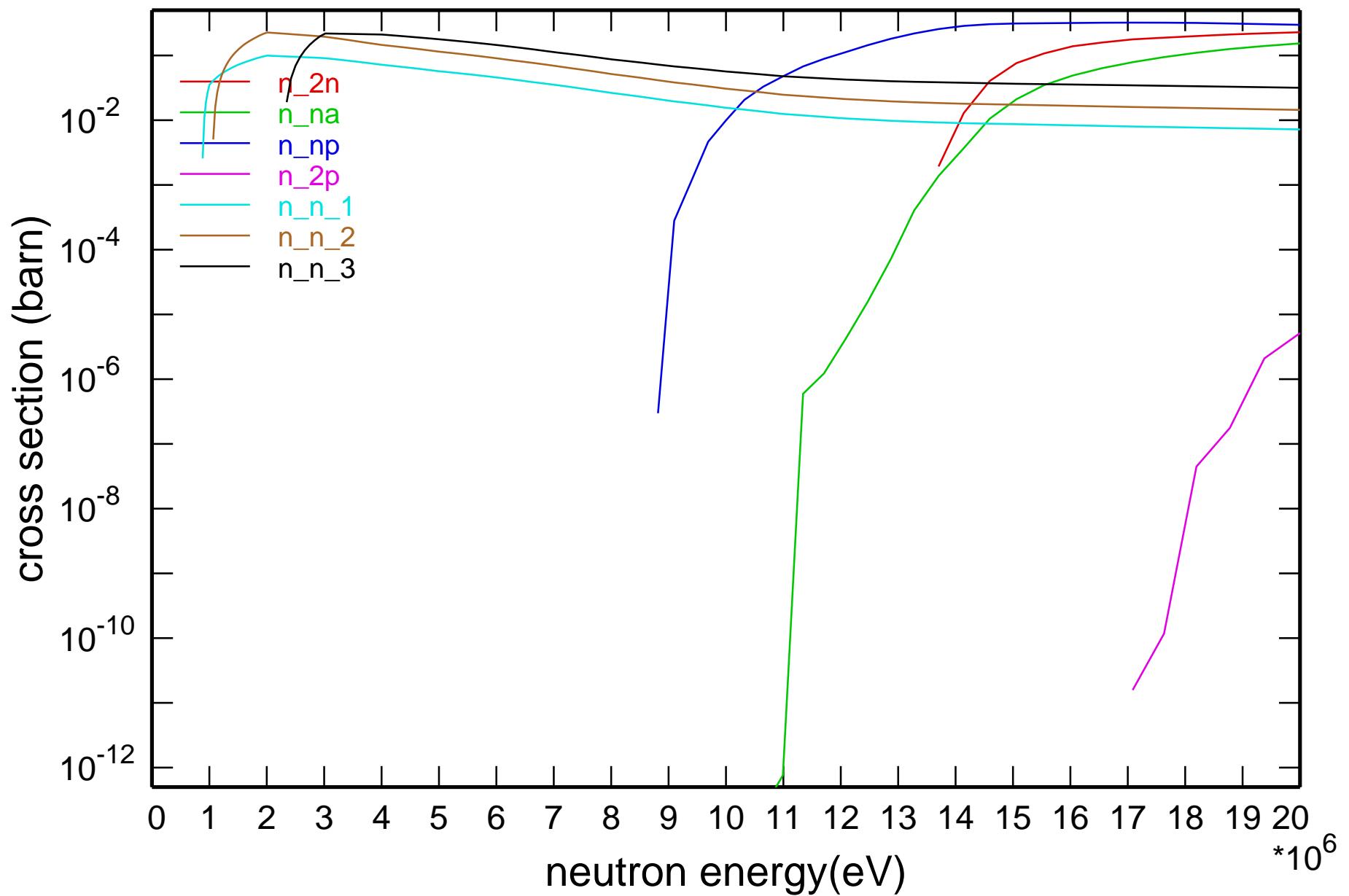


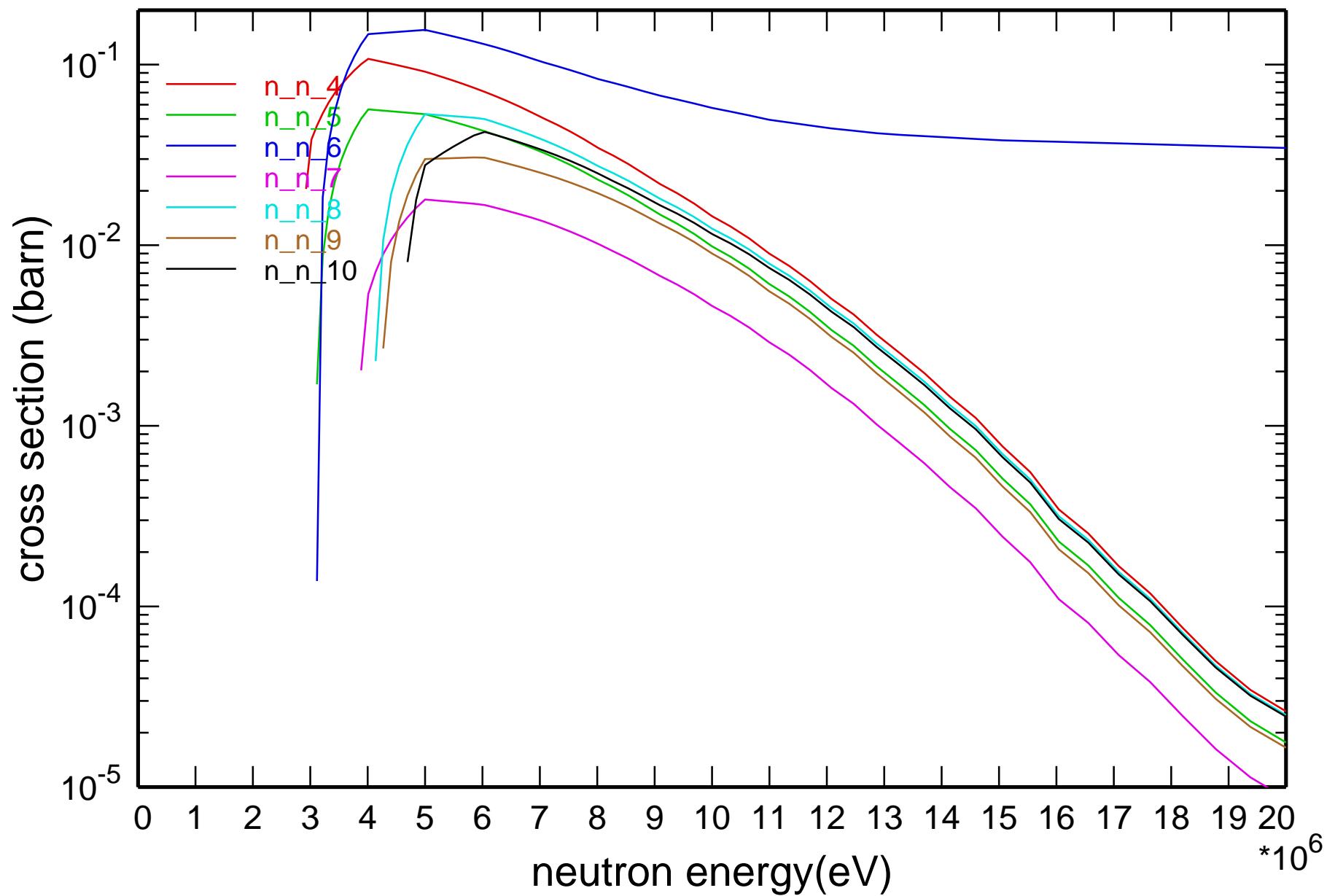
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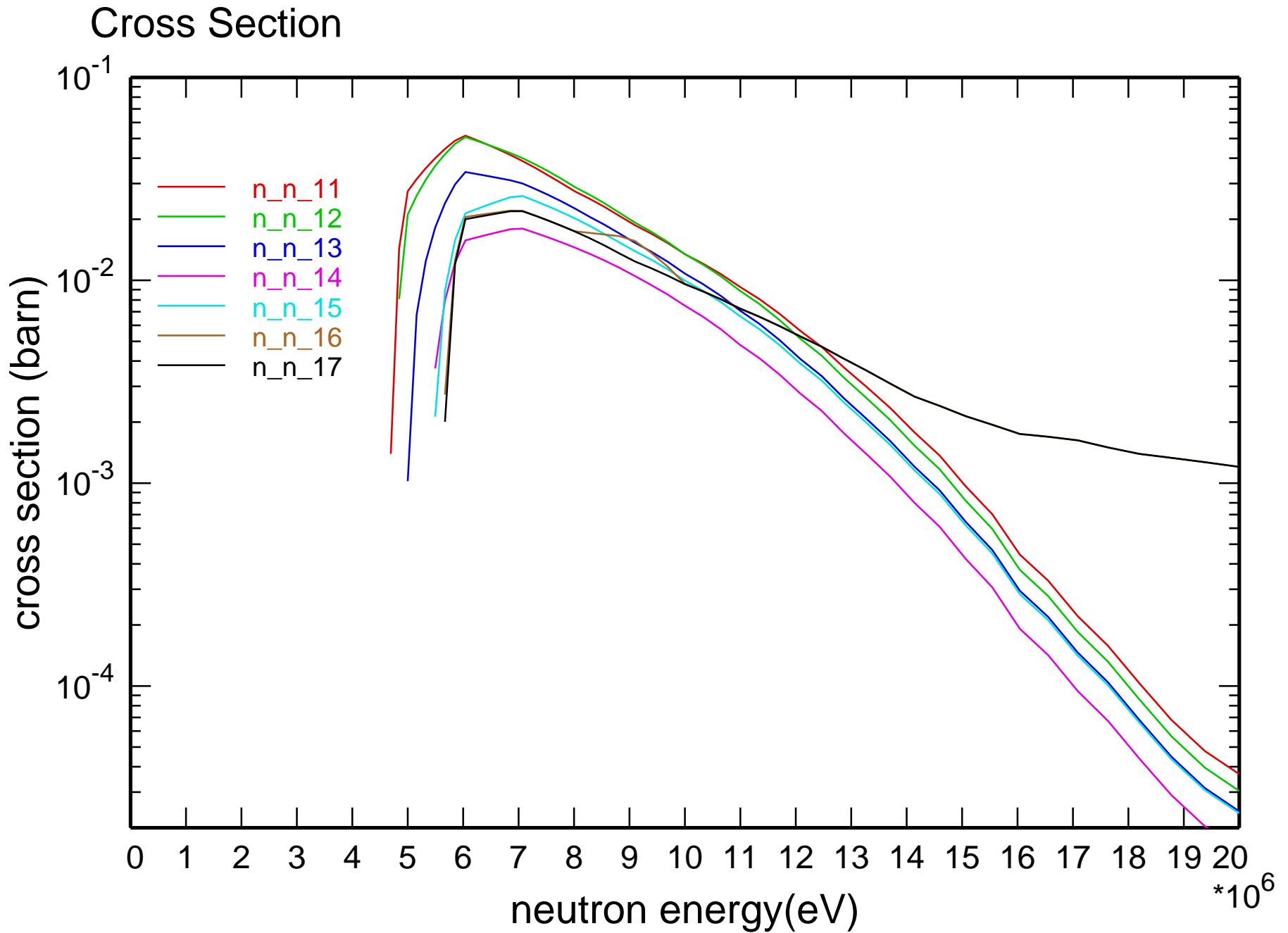


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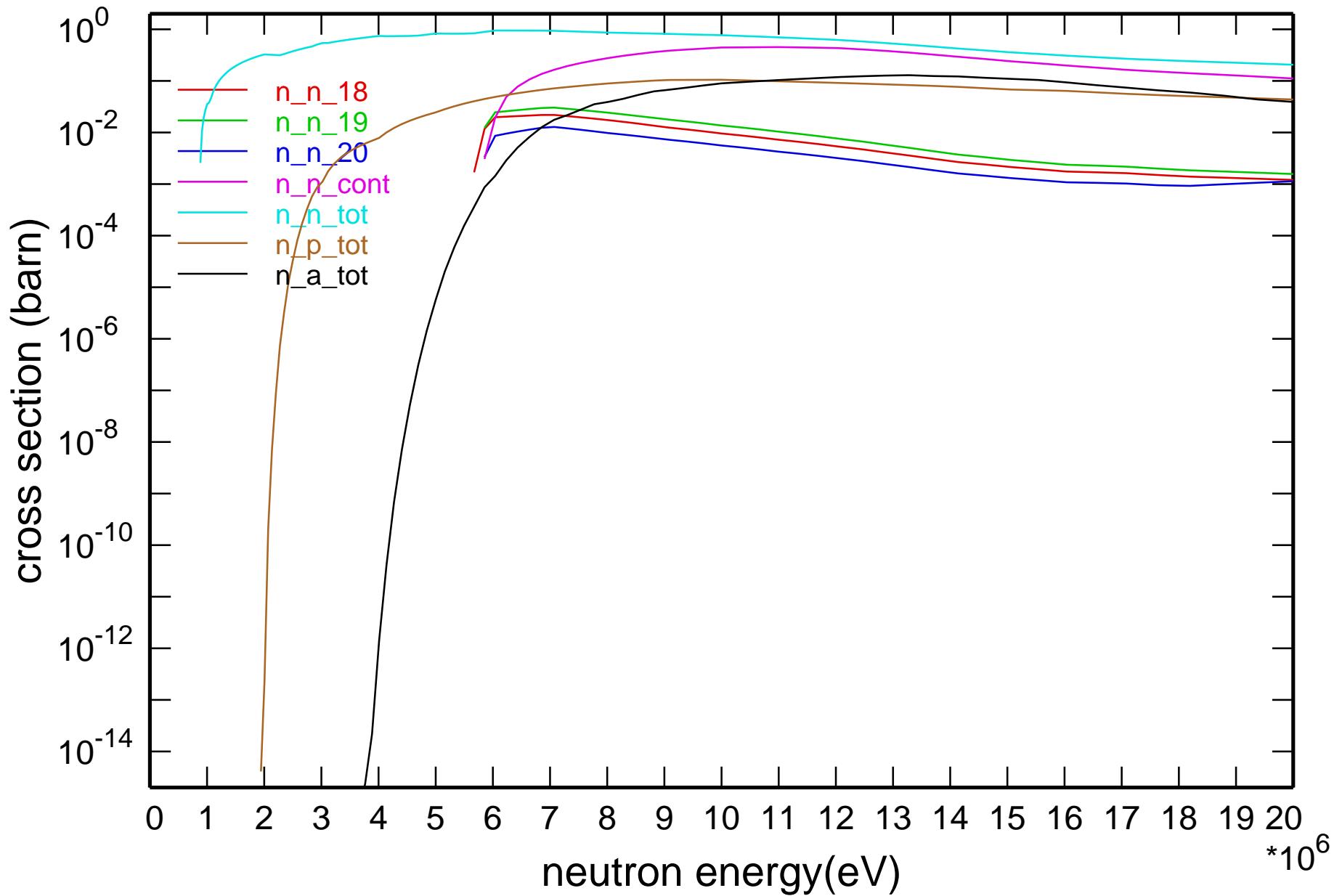


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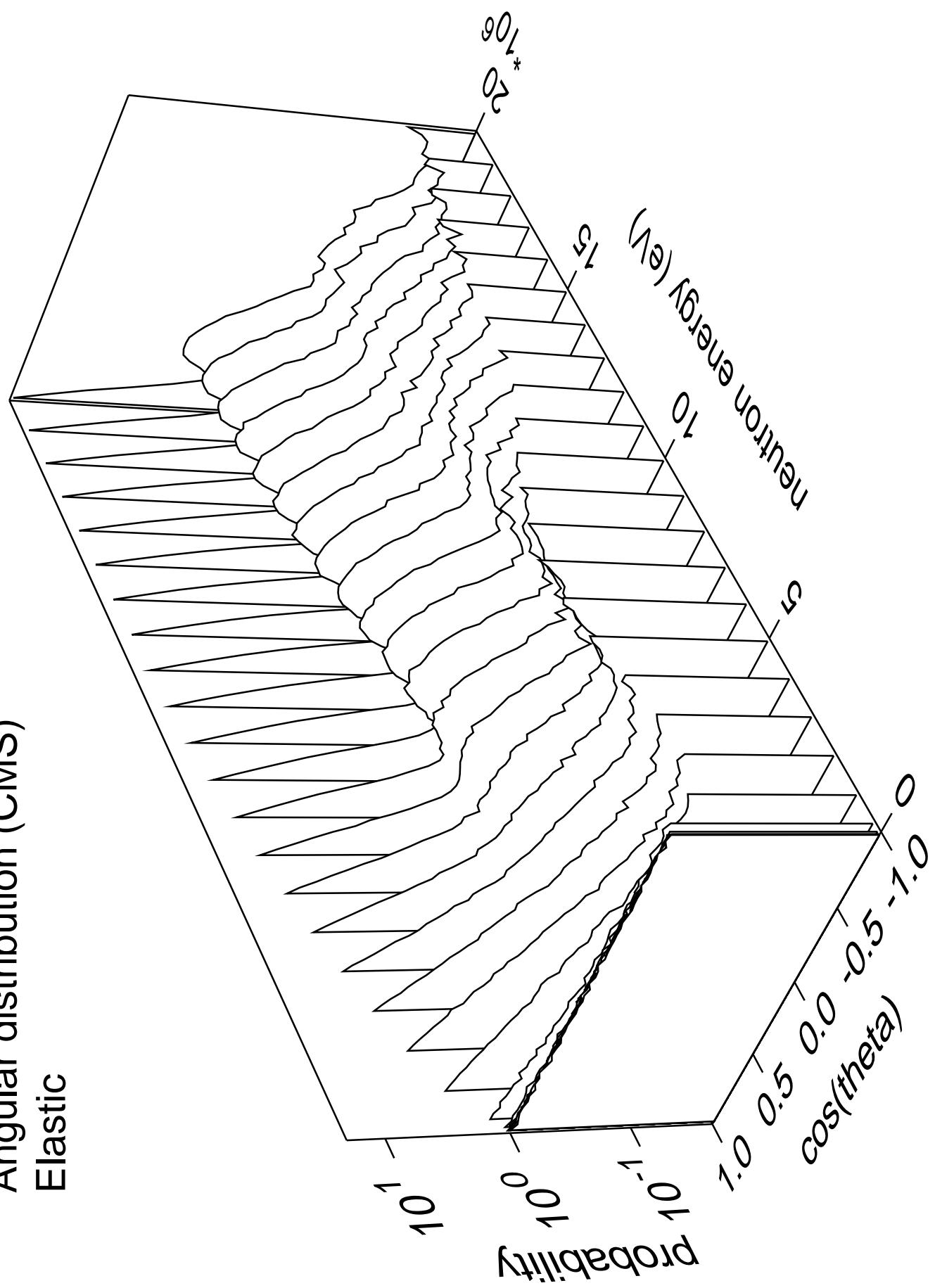


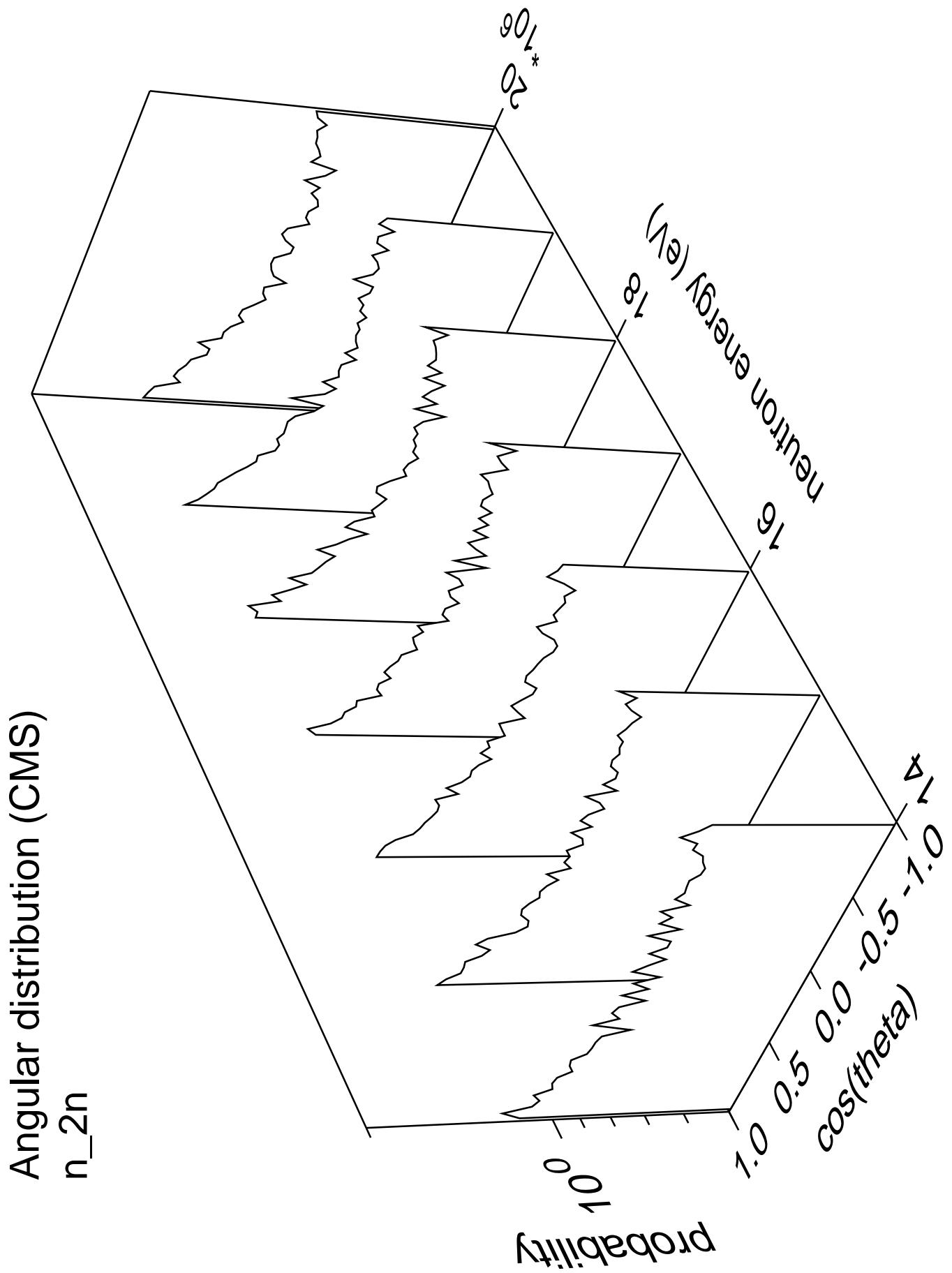


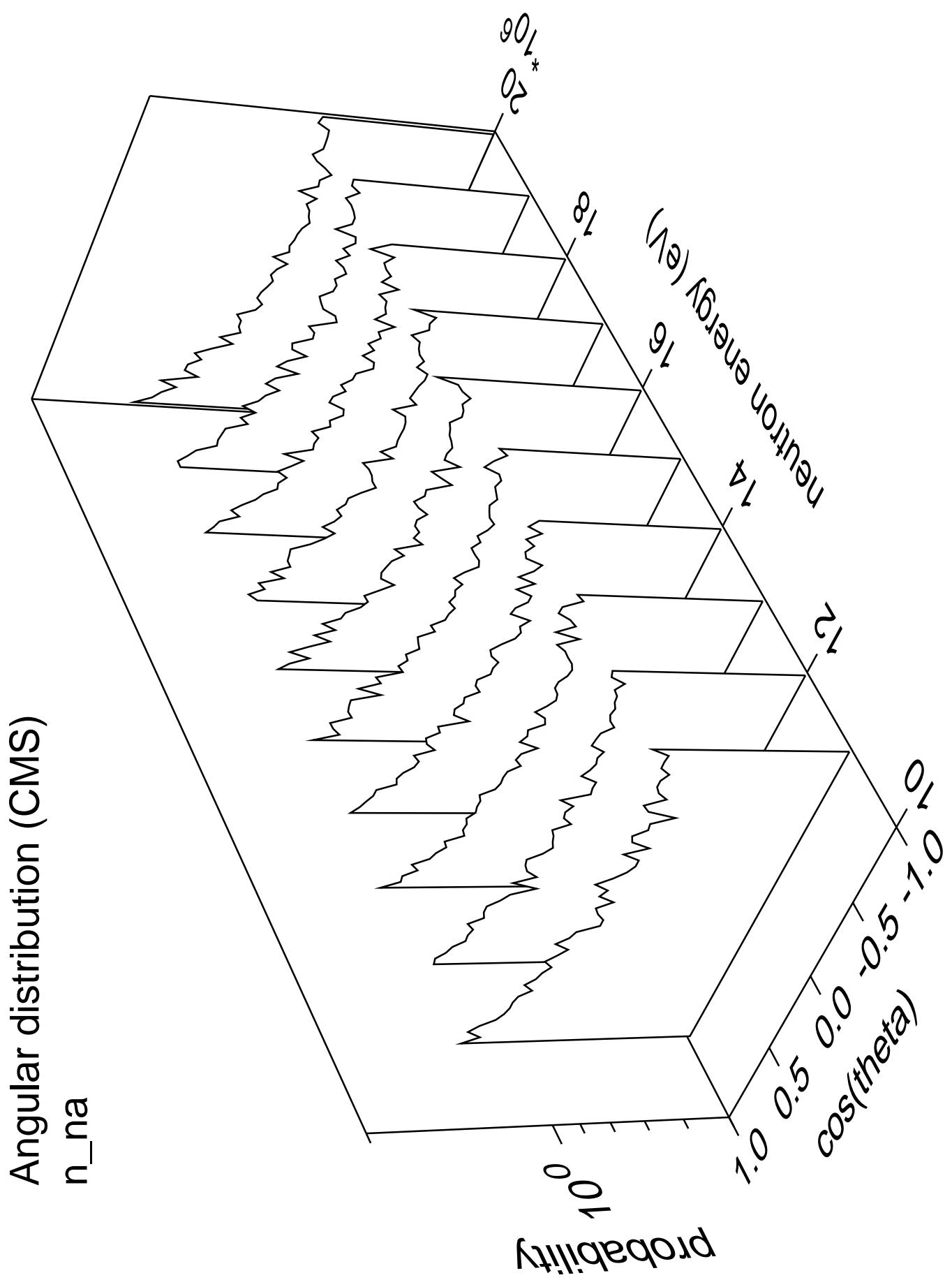
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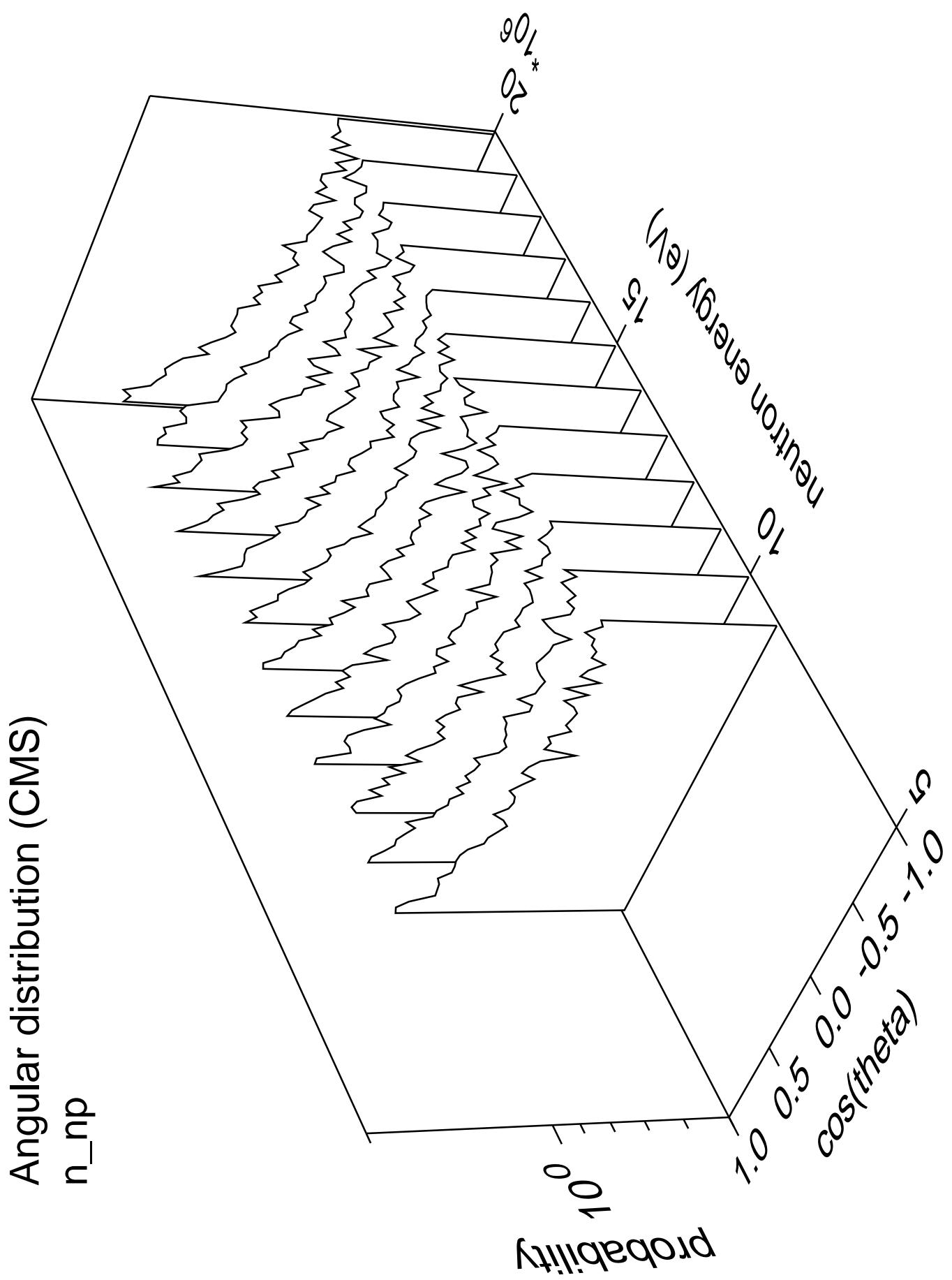


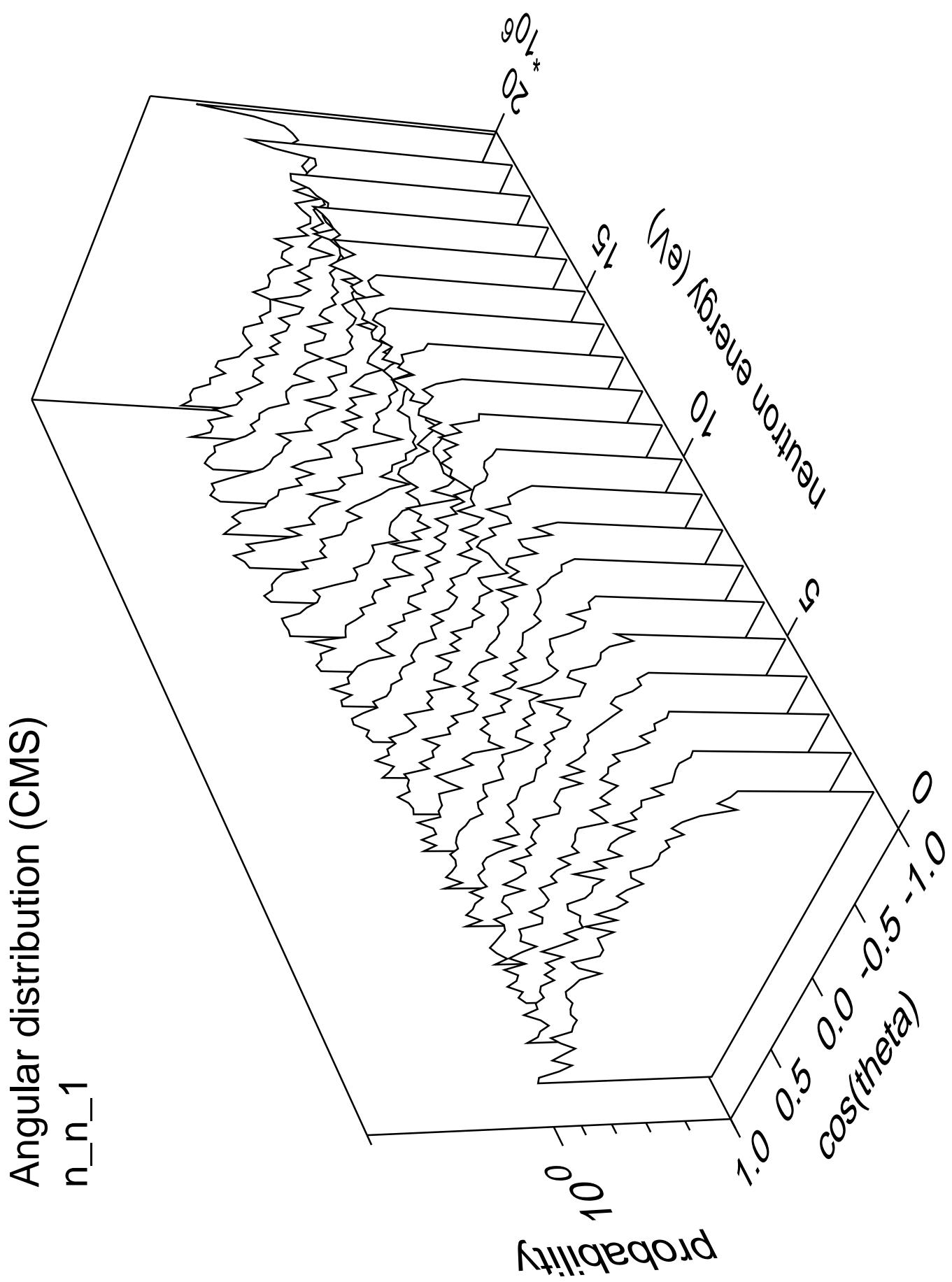
Angular distribution (CMS)
Elastic

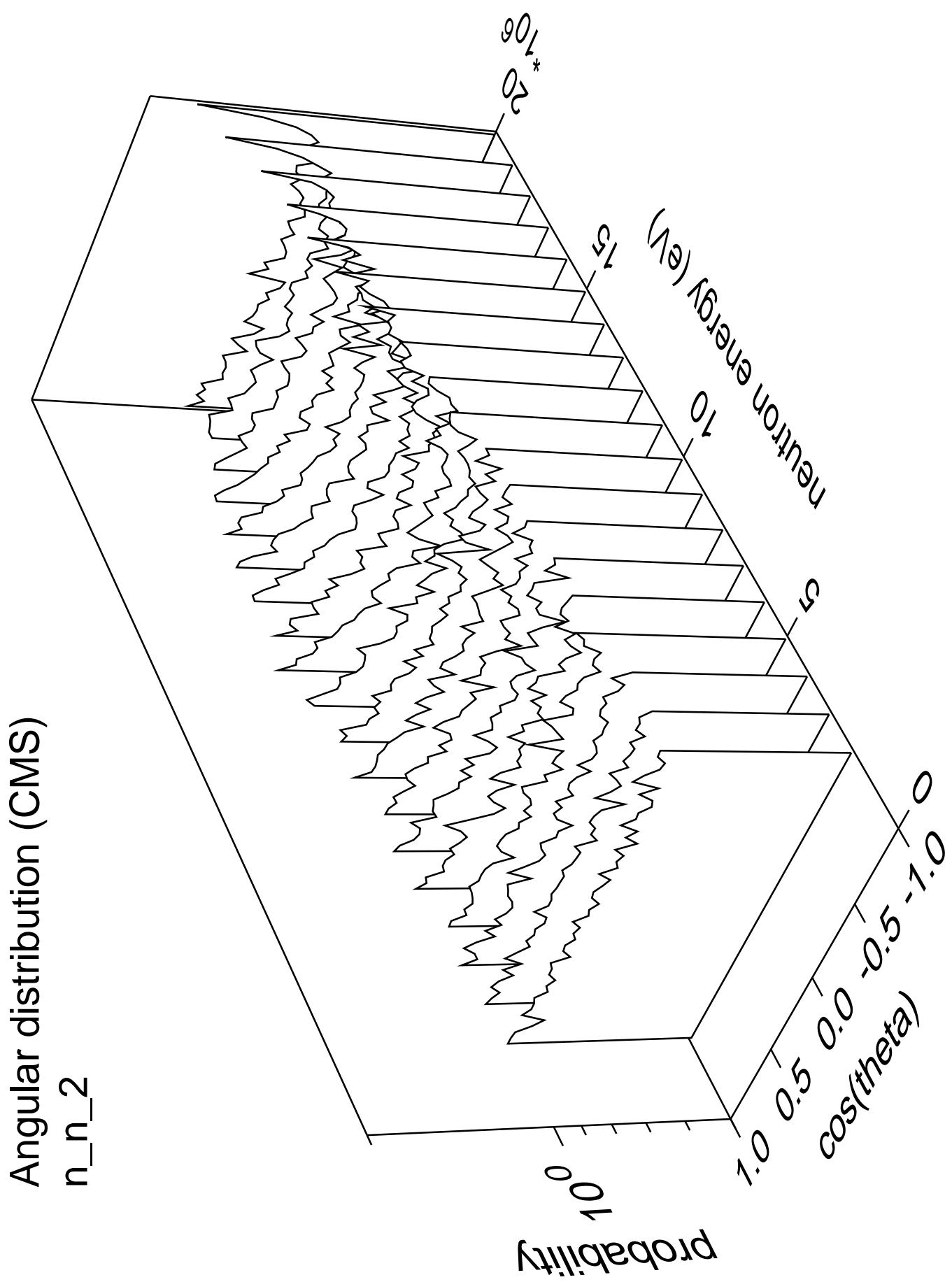


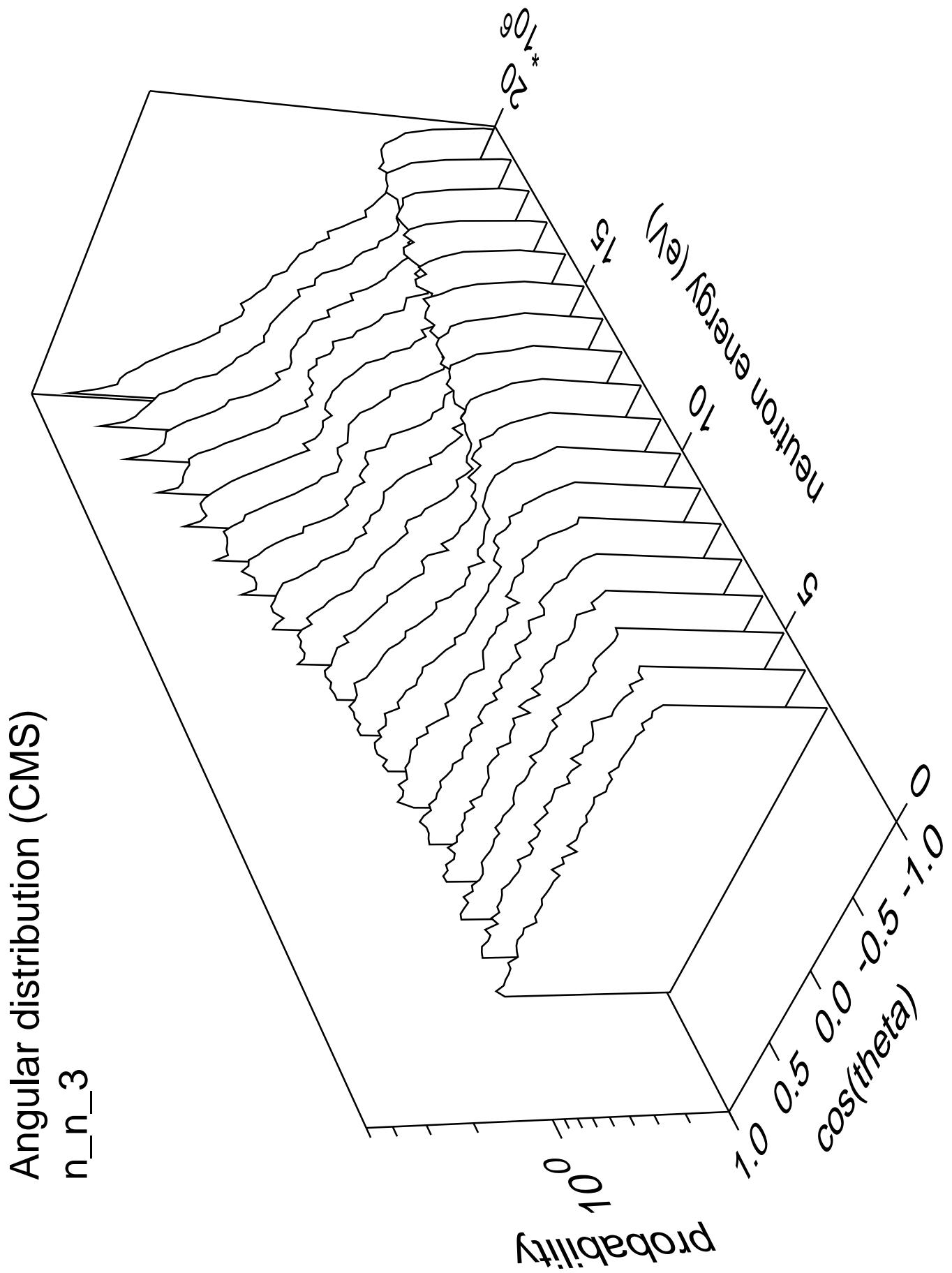


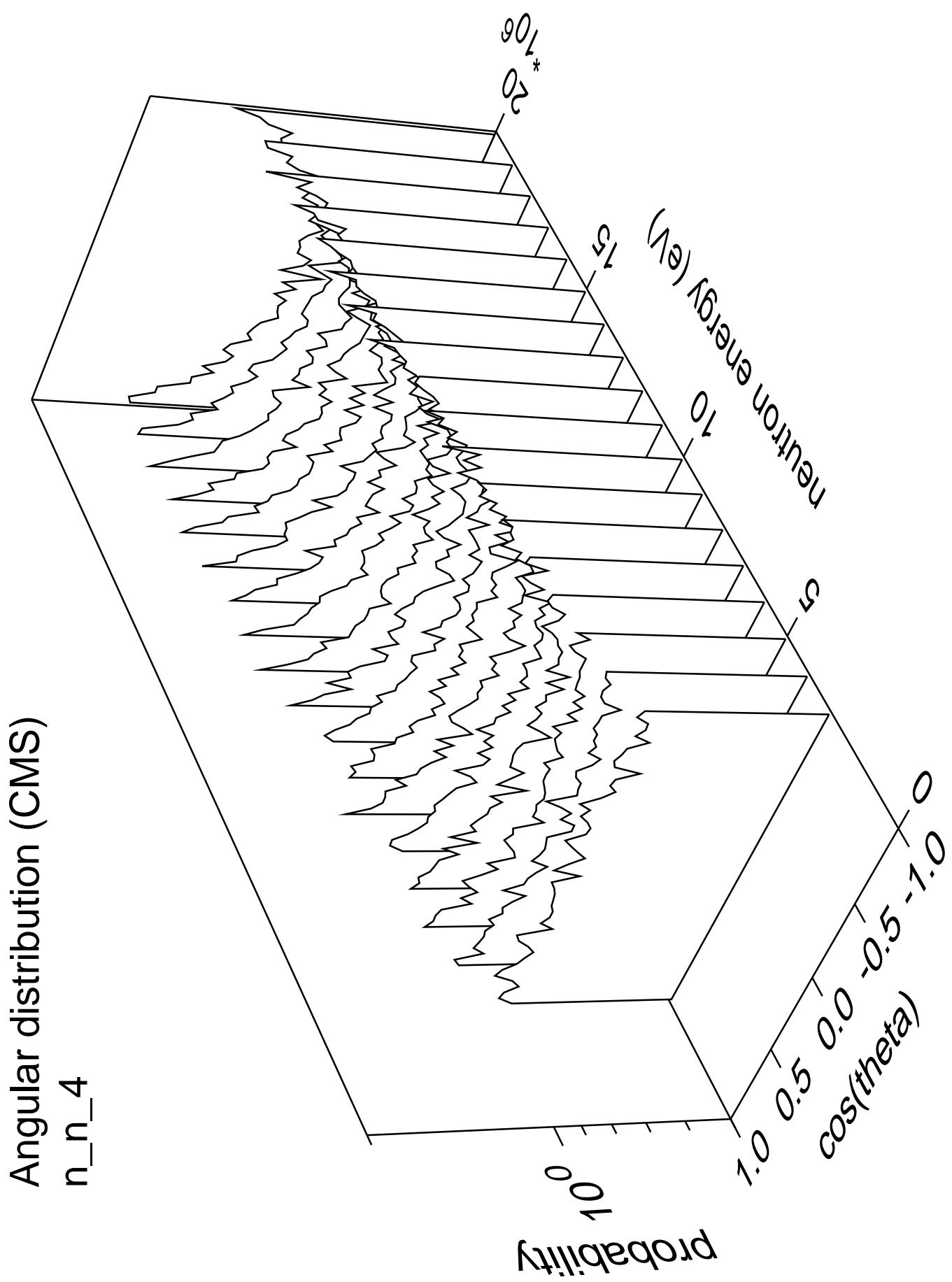


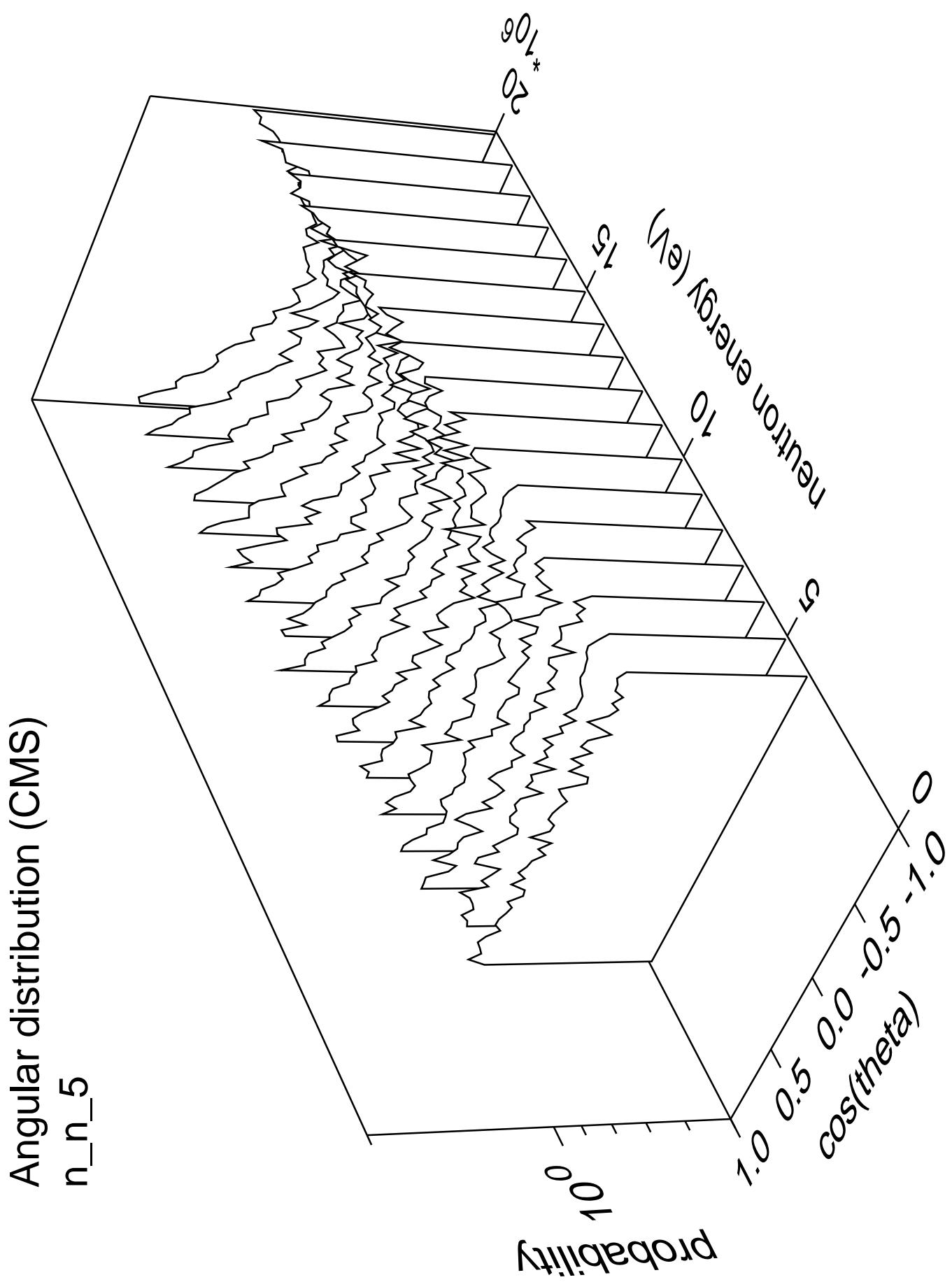


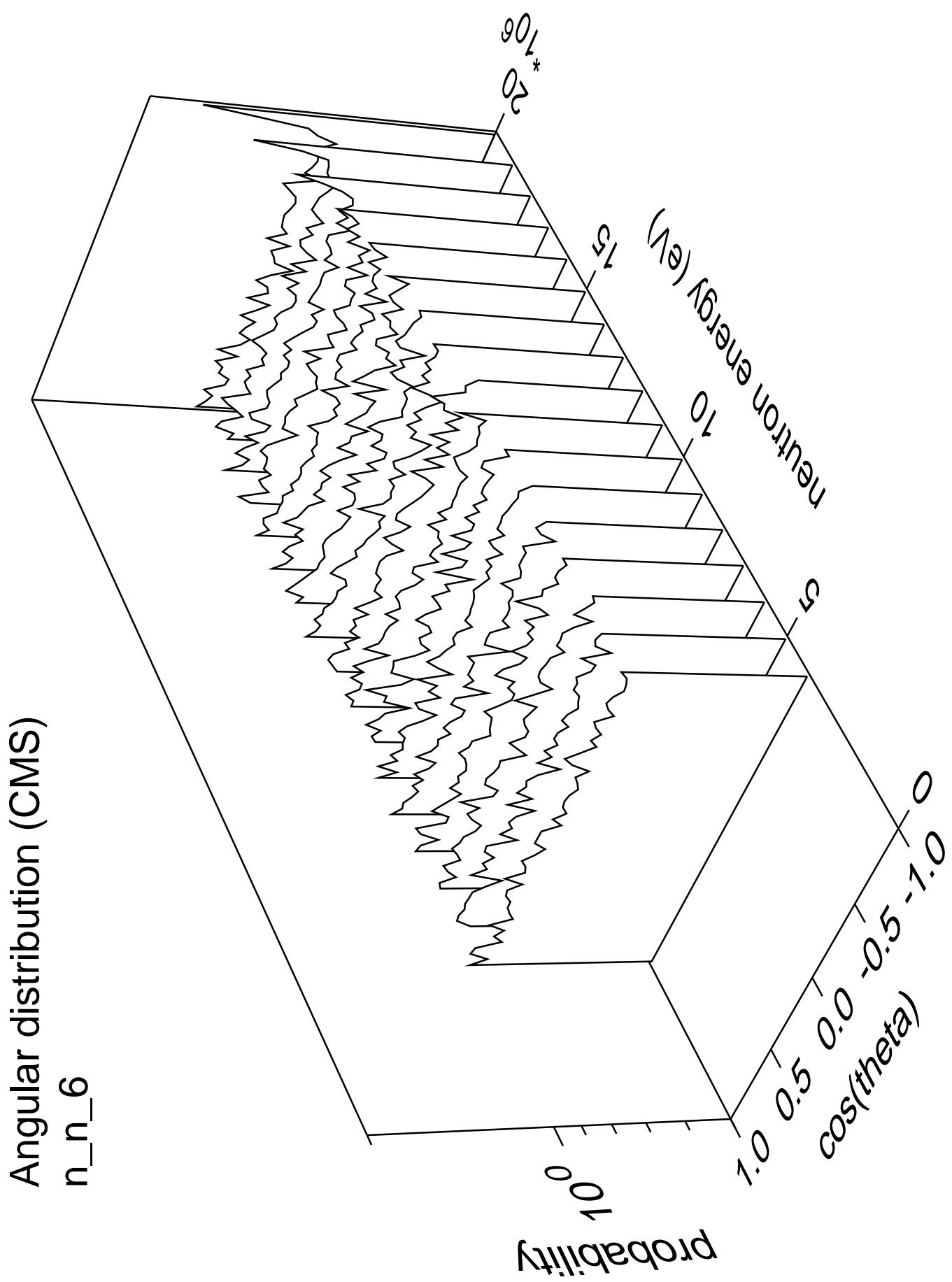


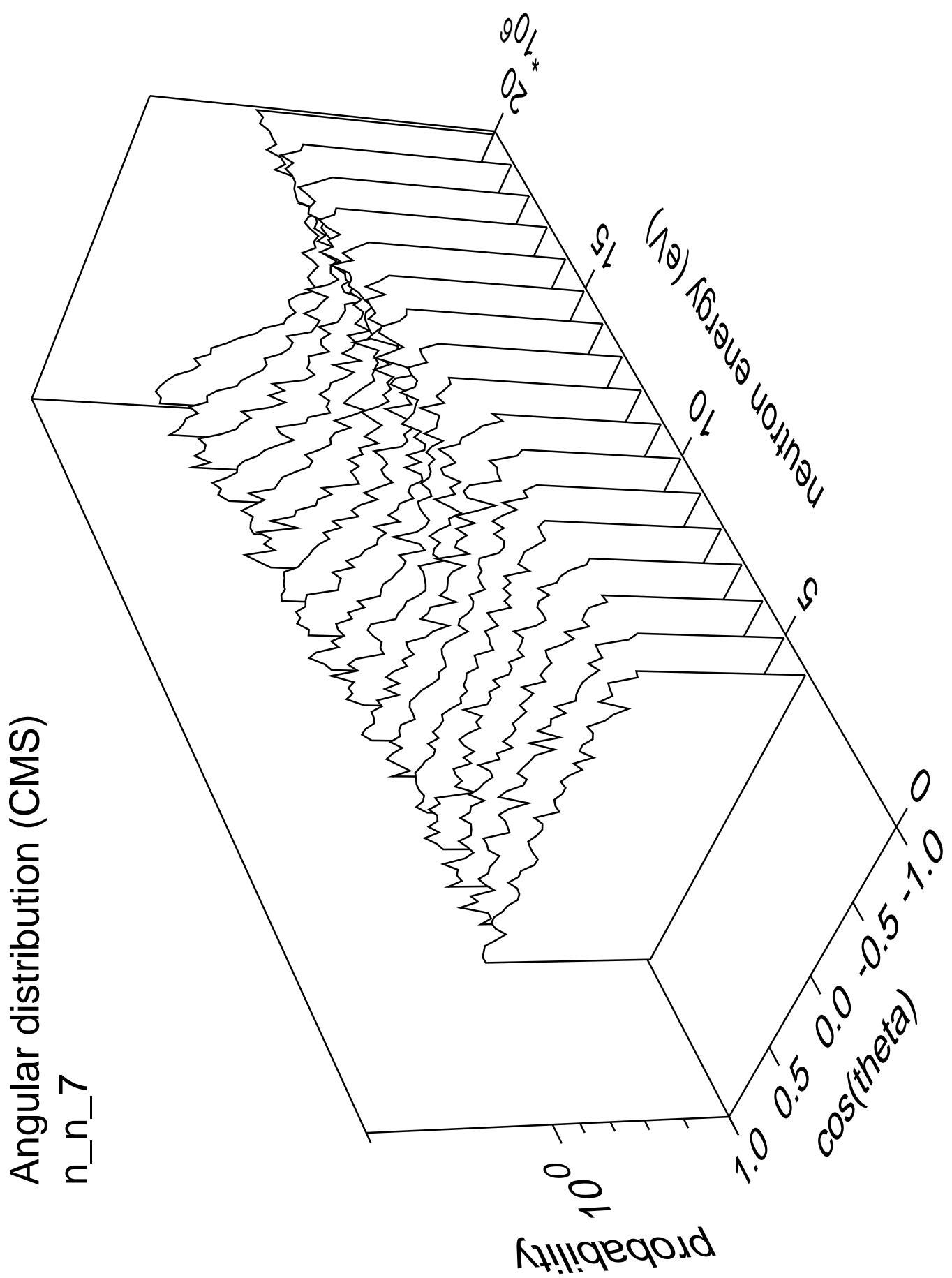


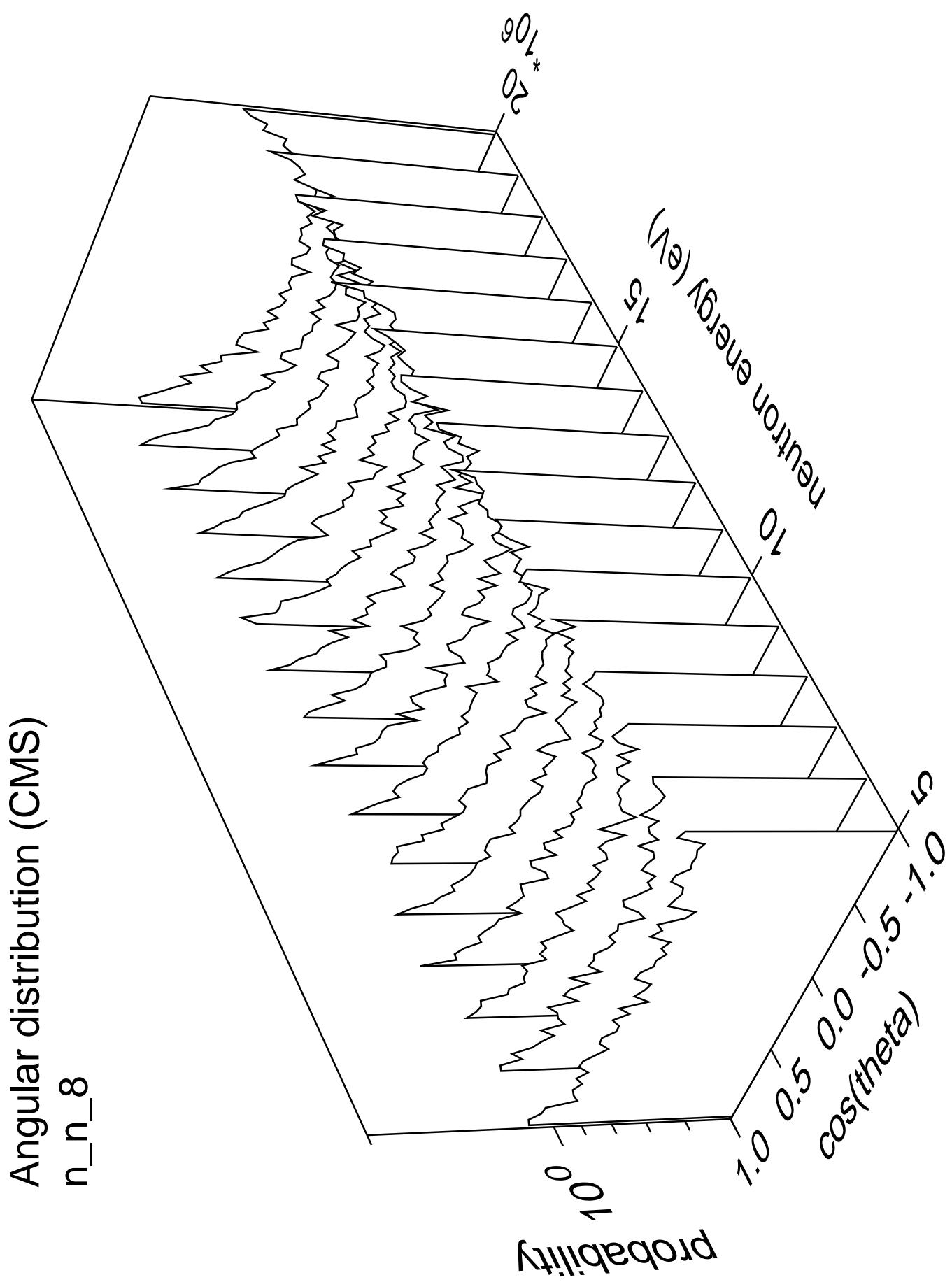


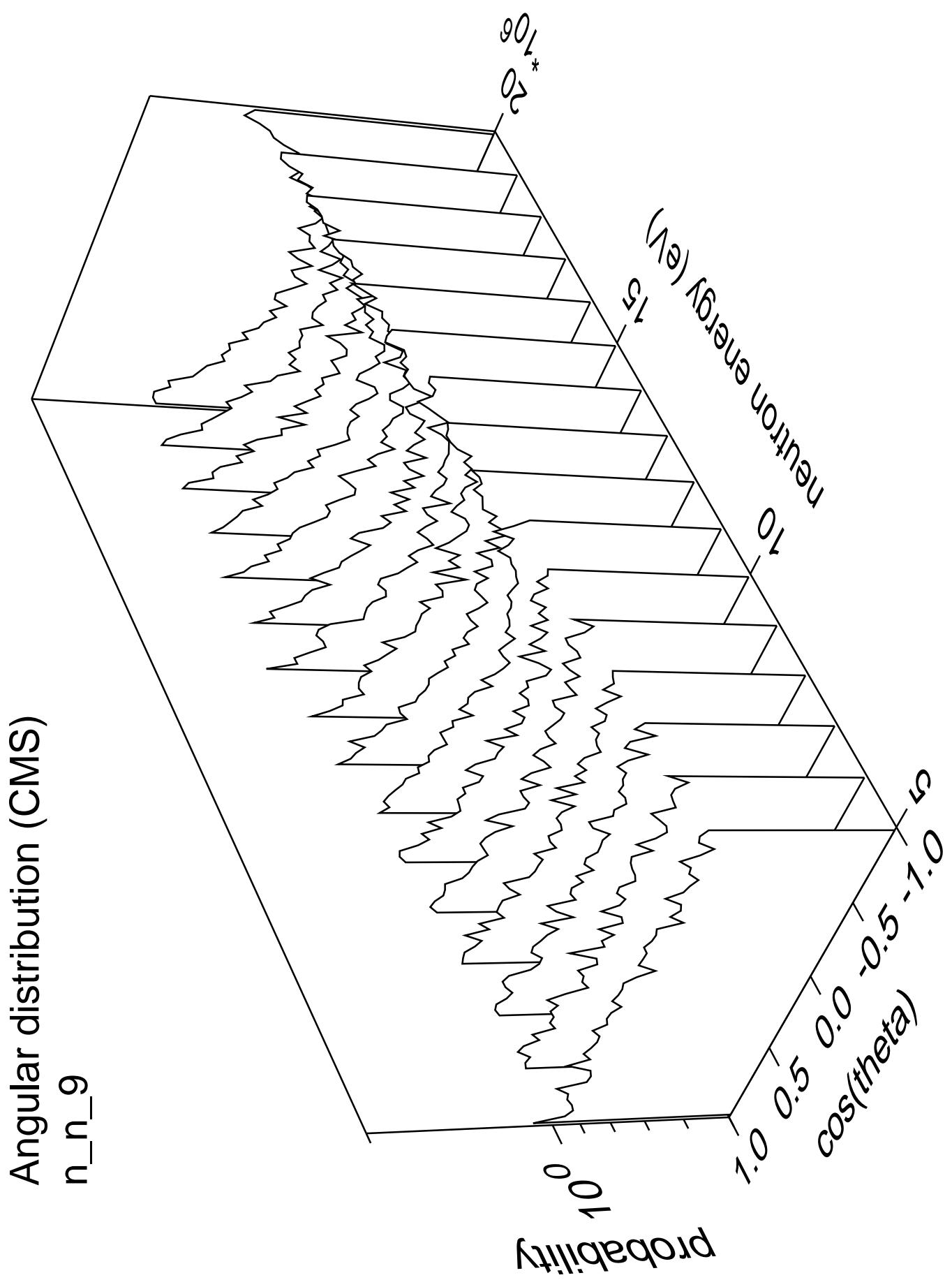


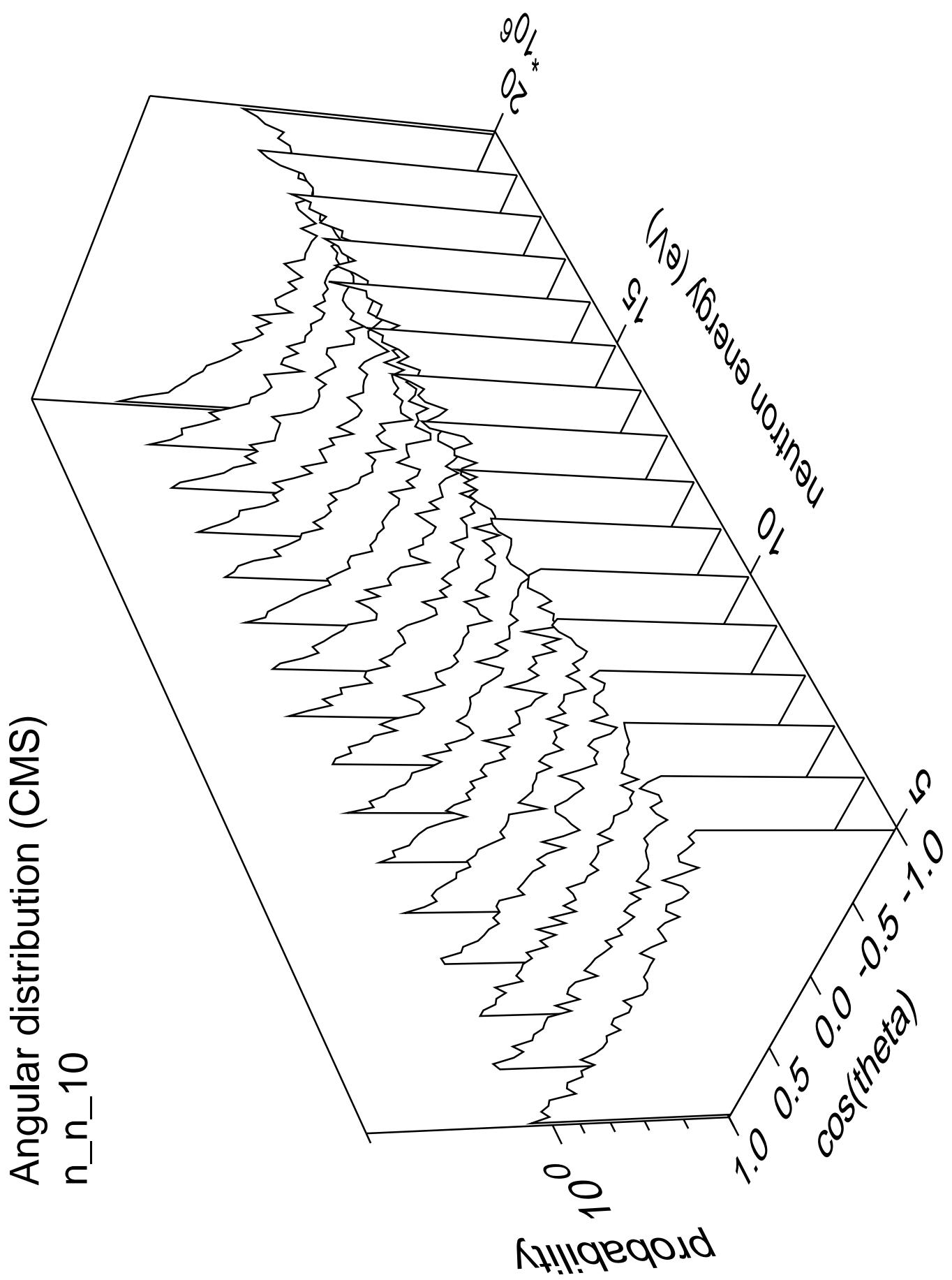


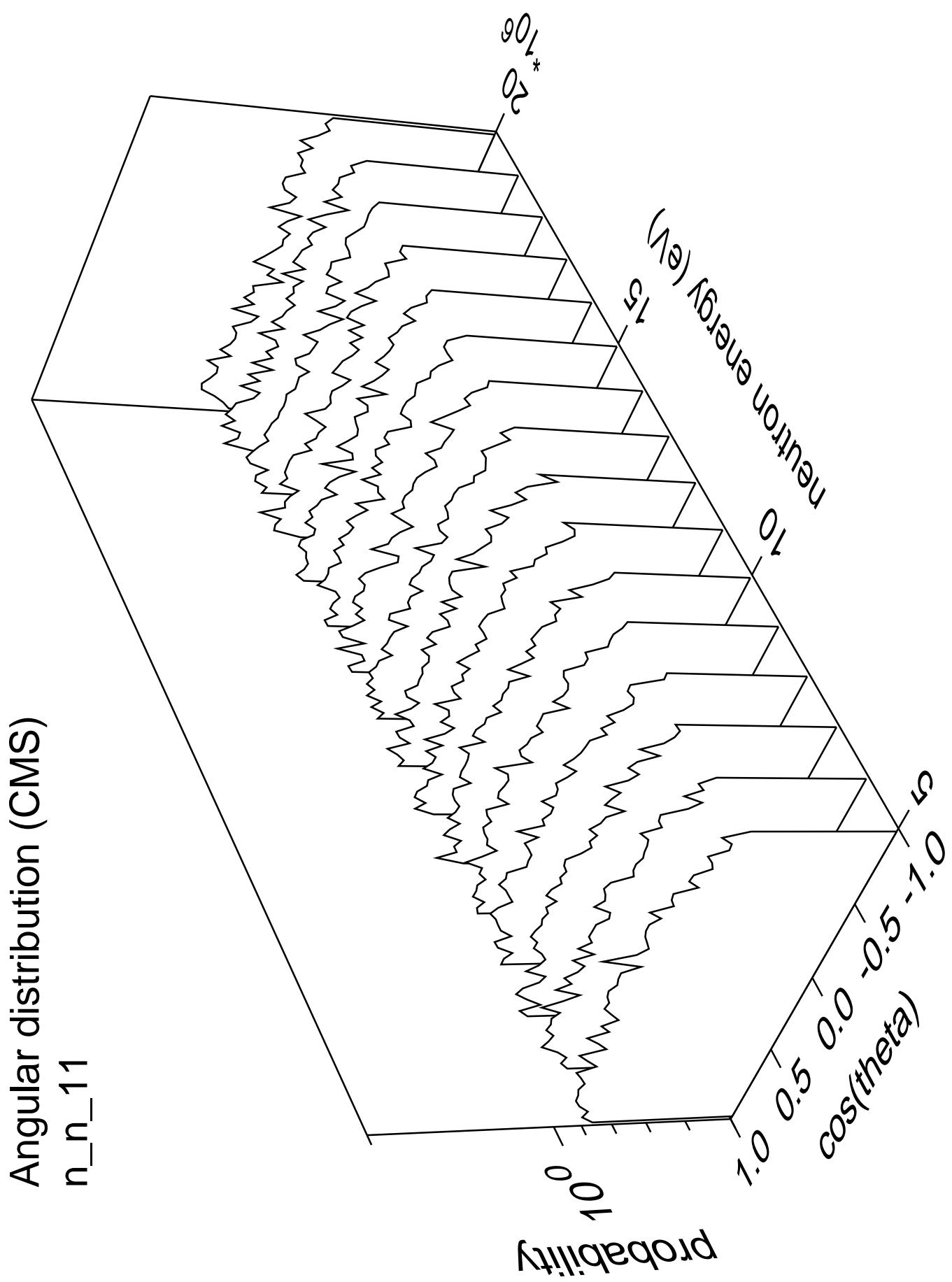


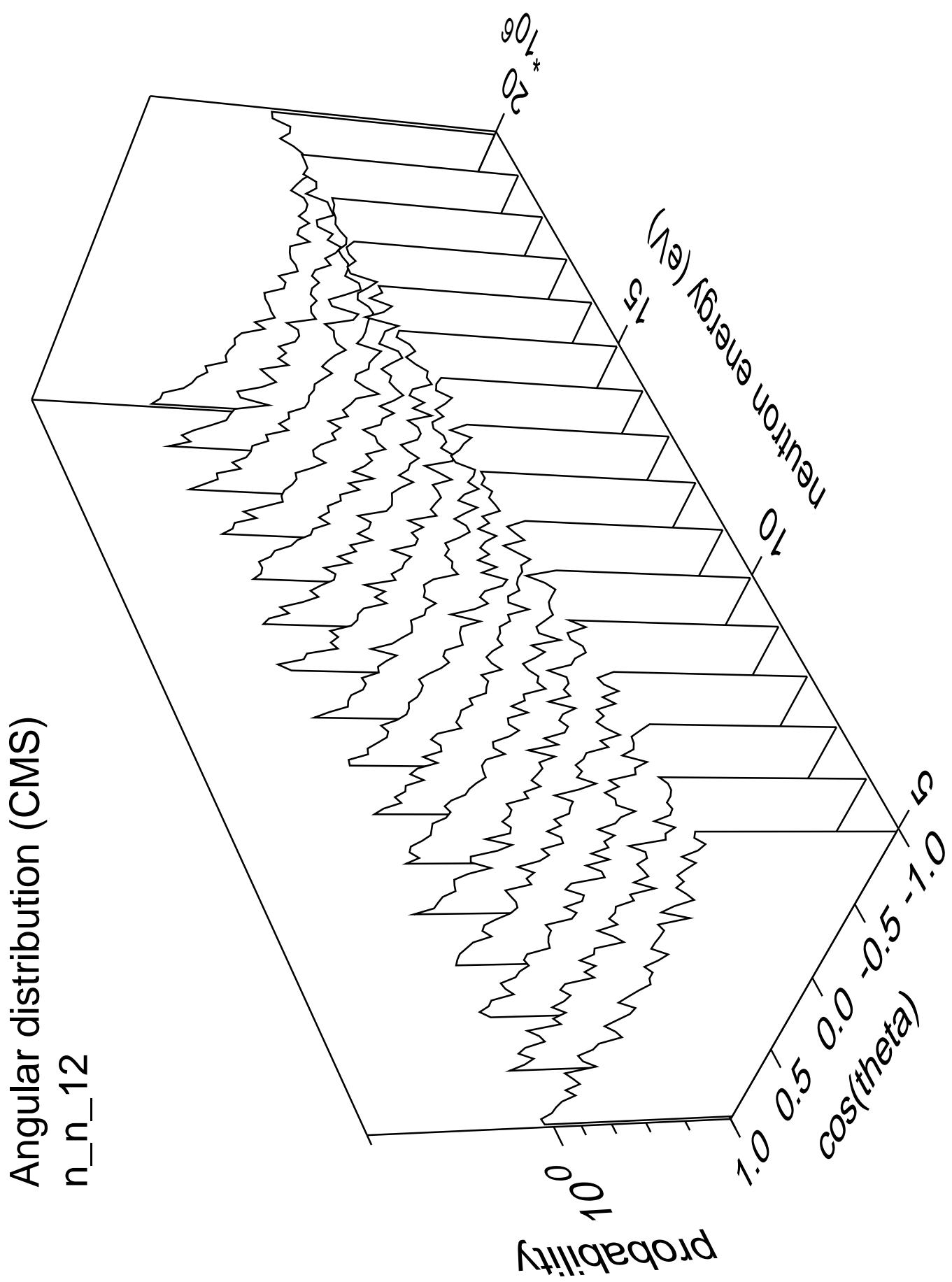


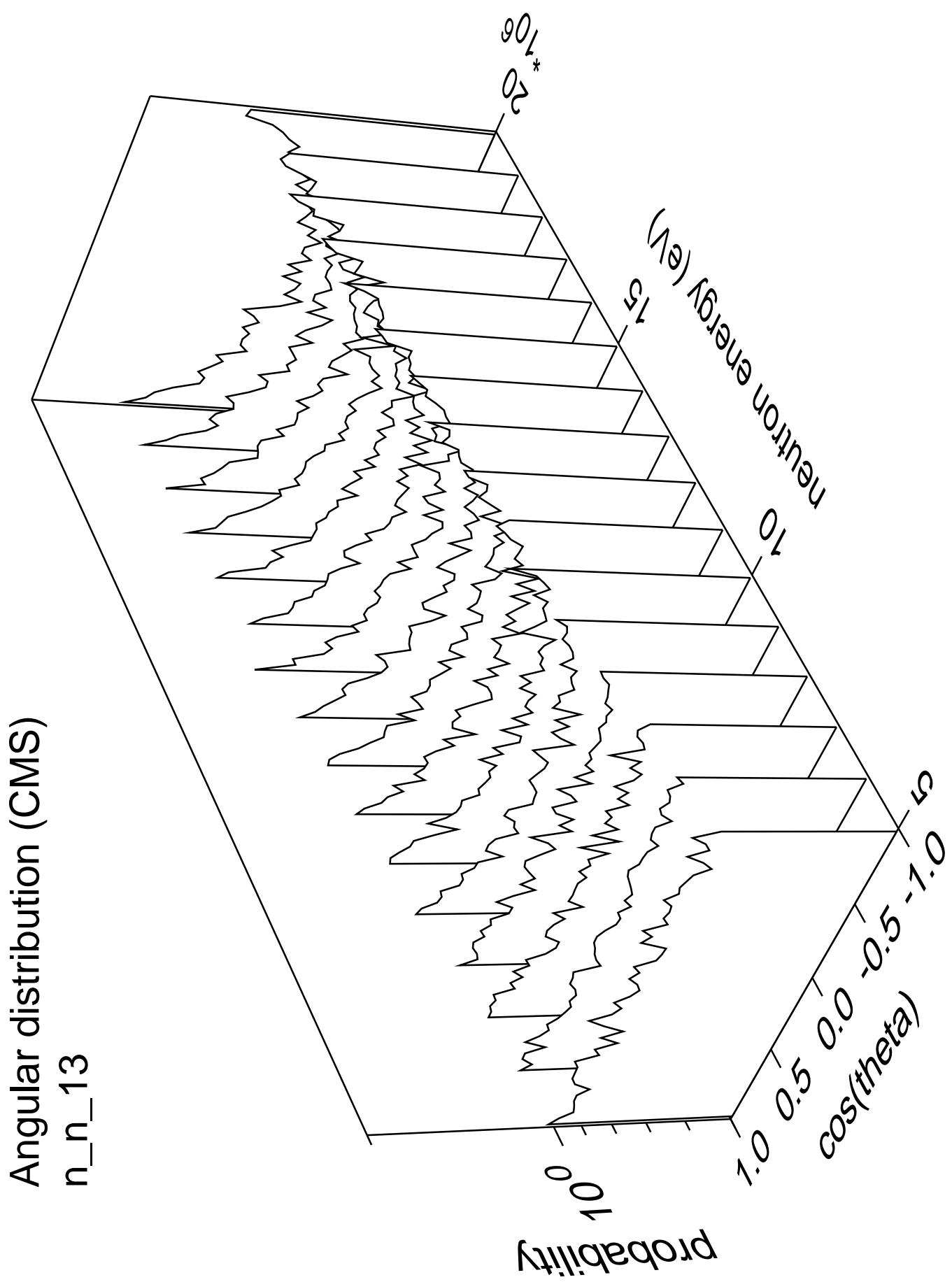


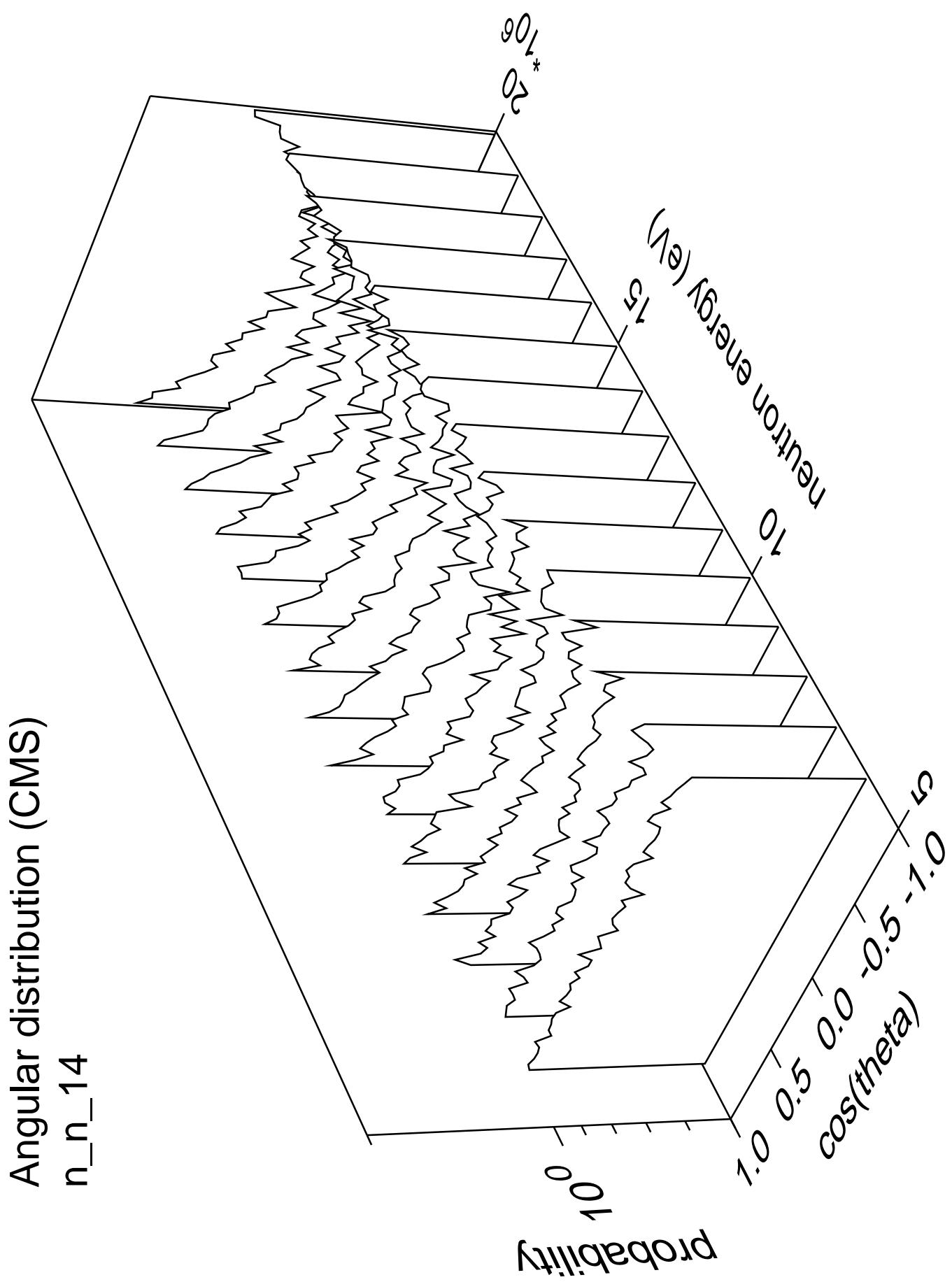


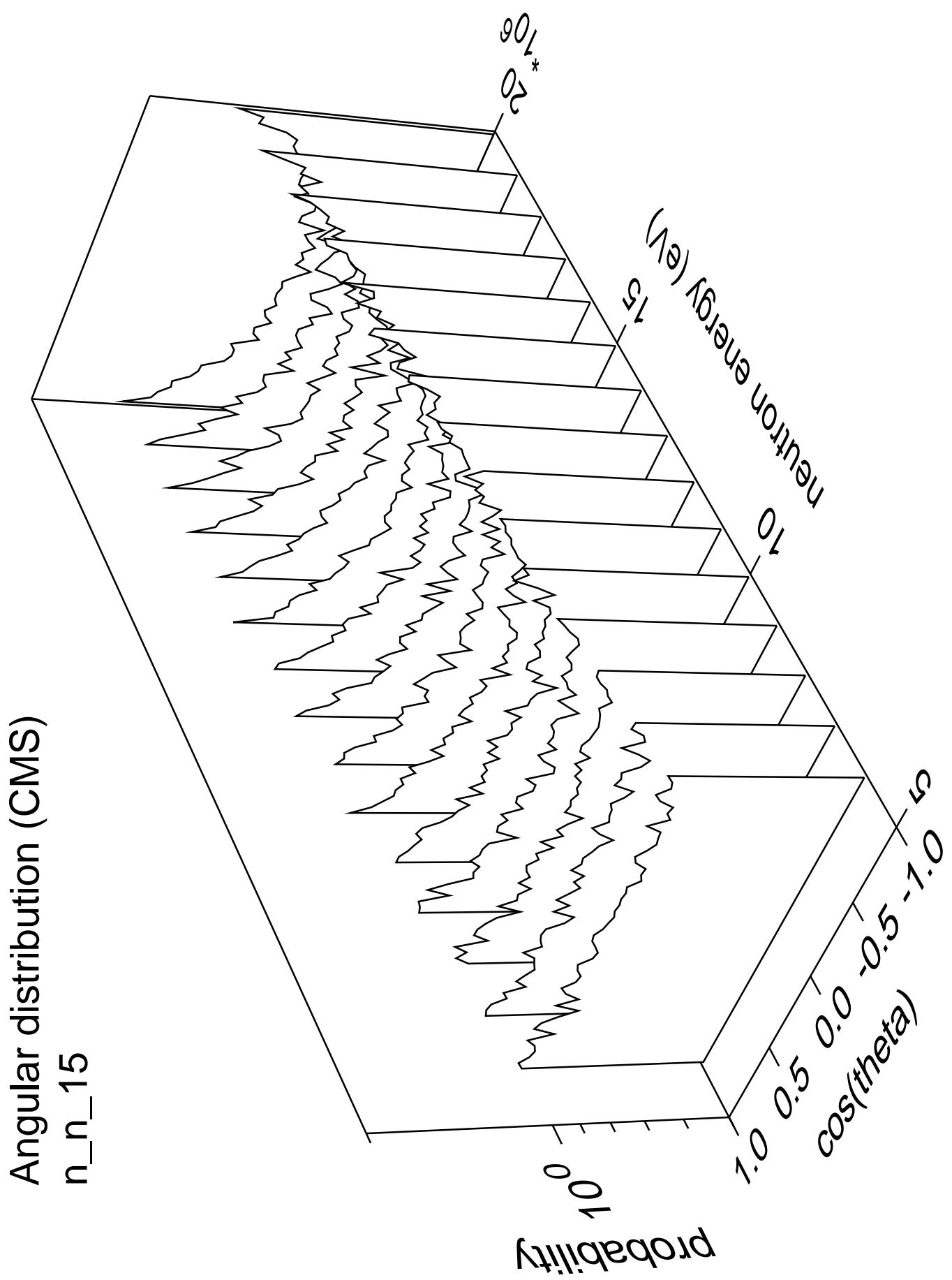


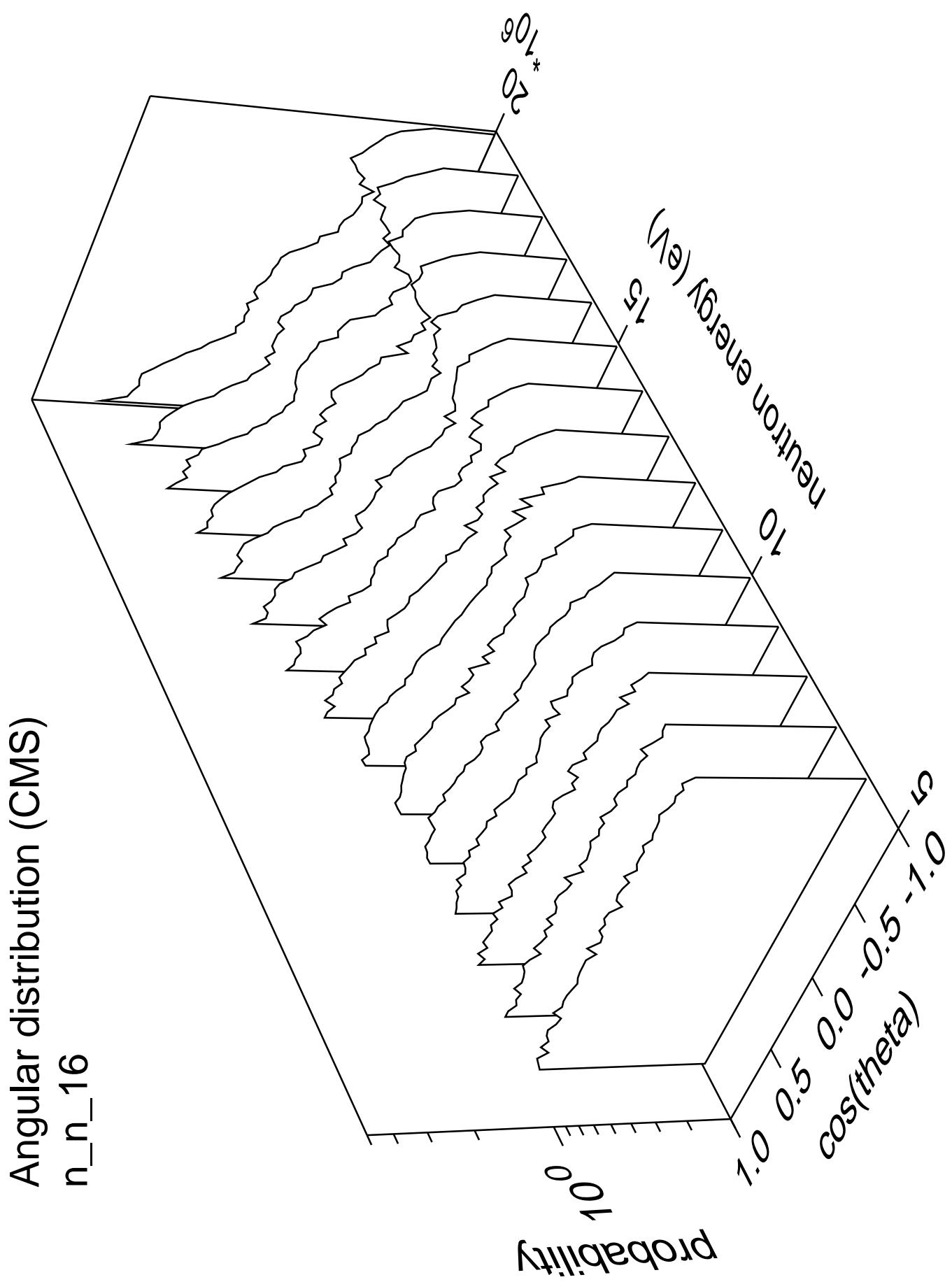


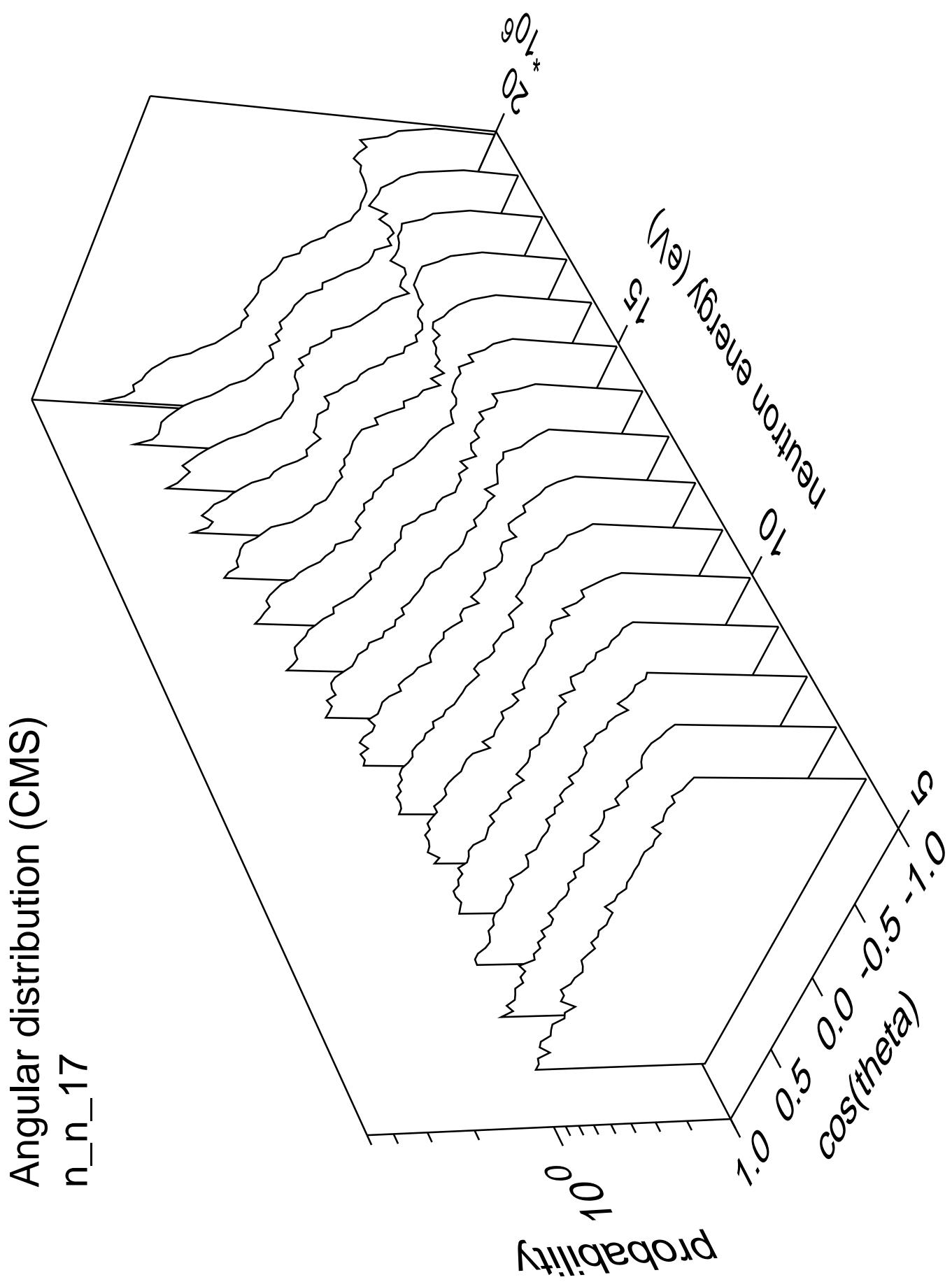


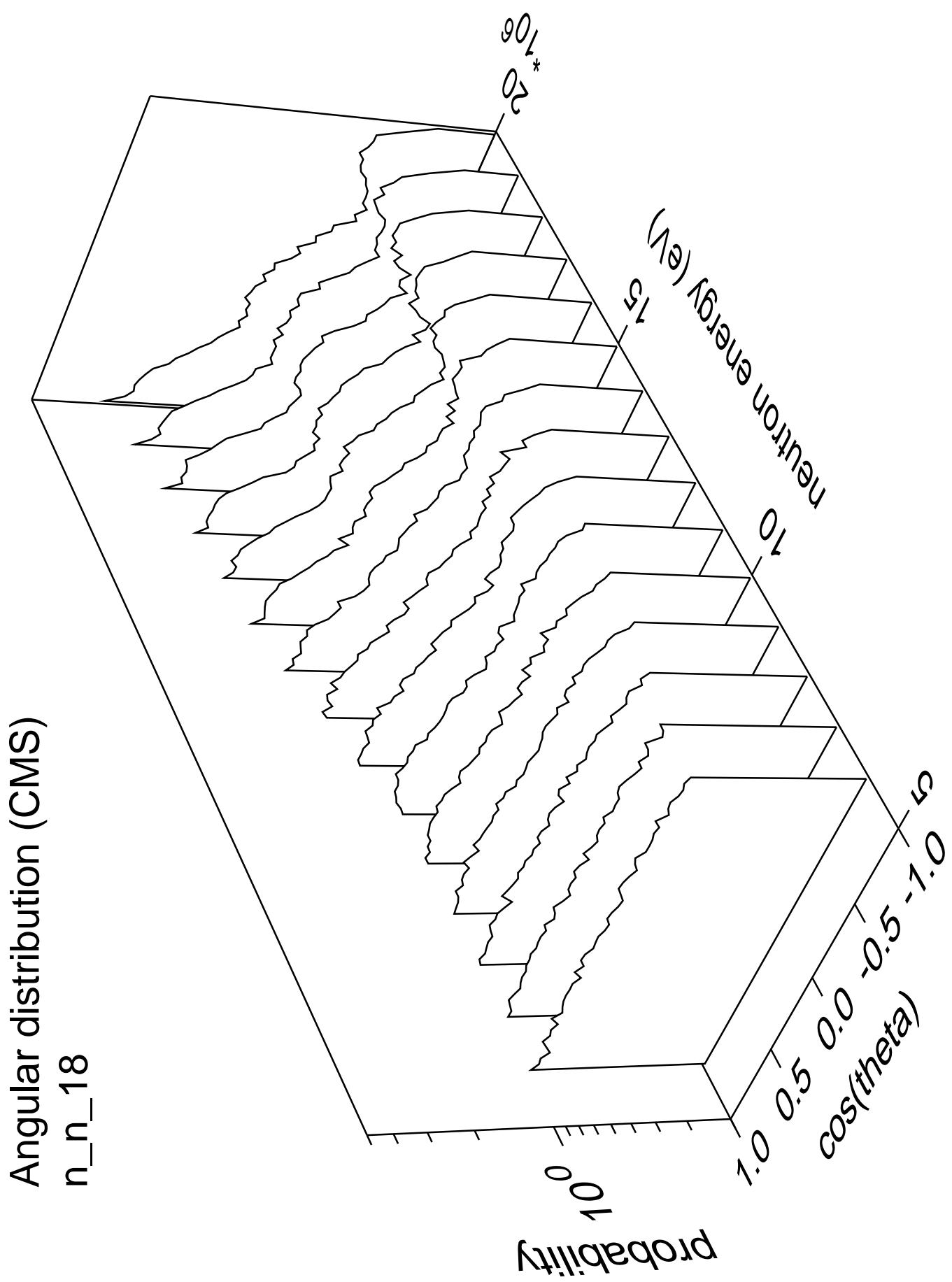


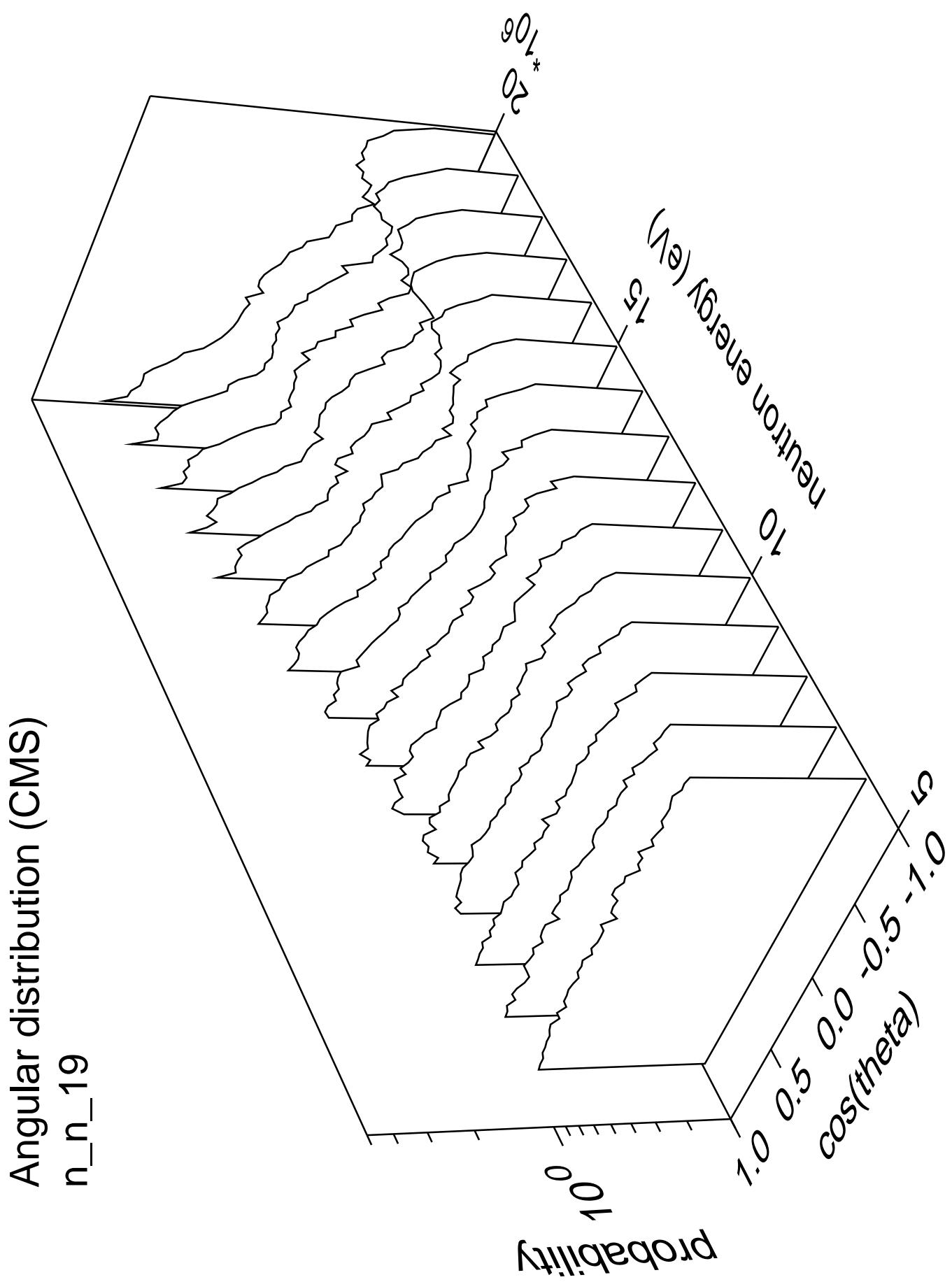


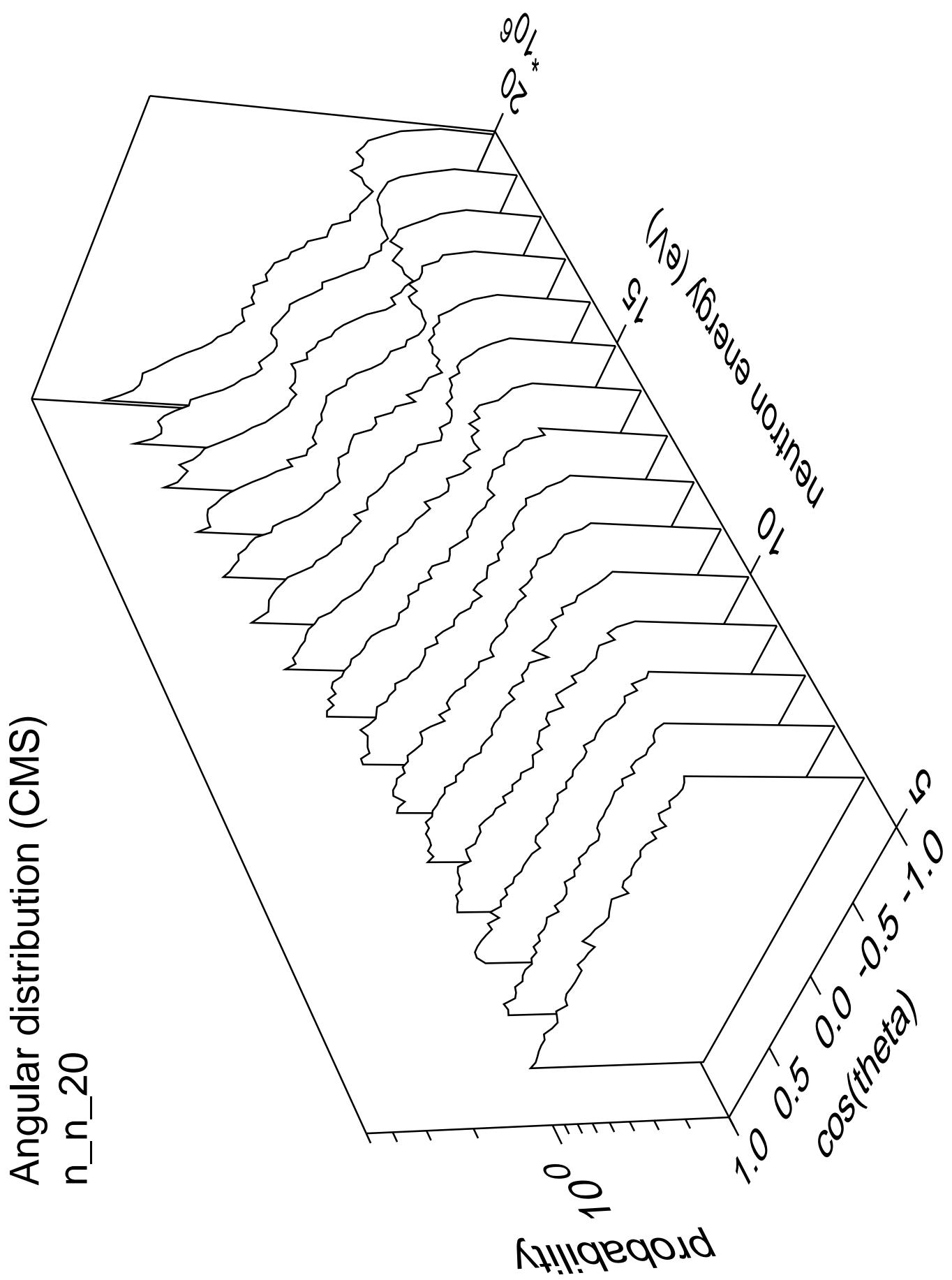


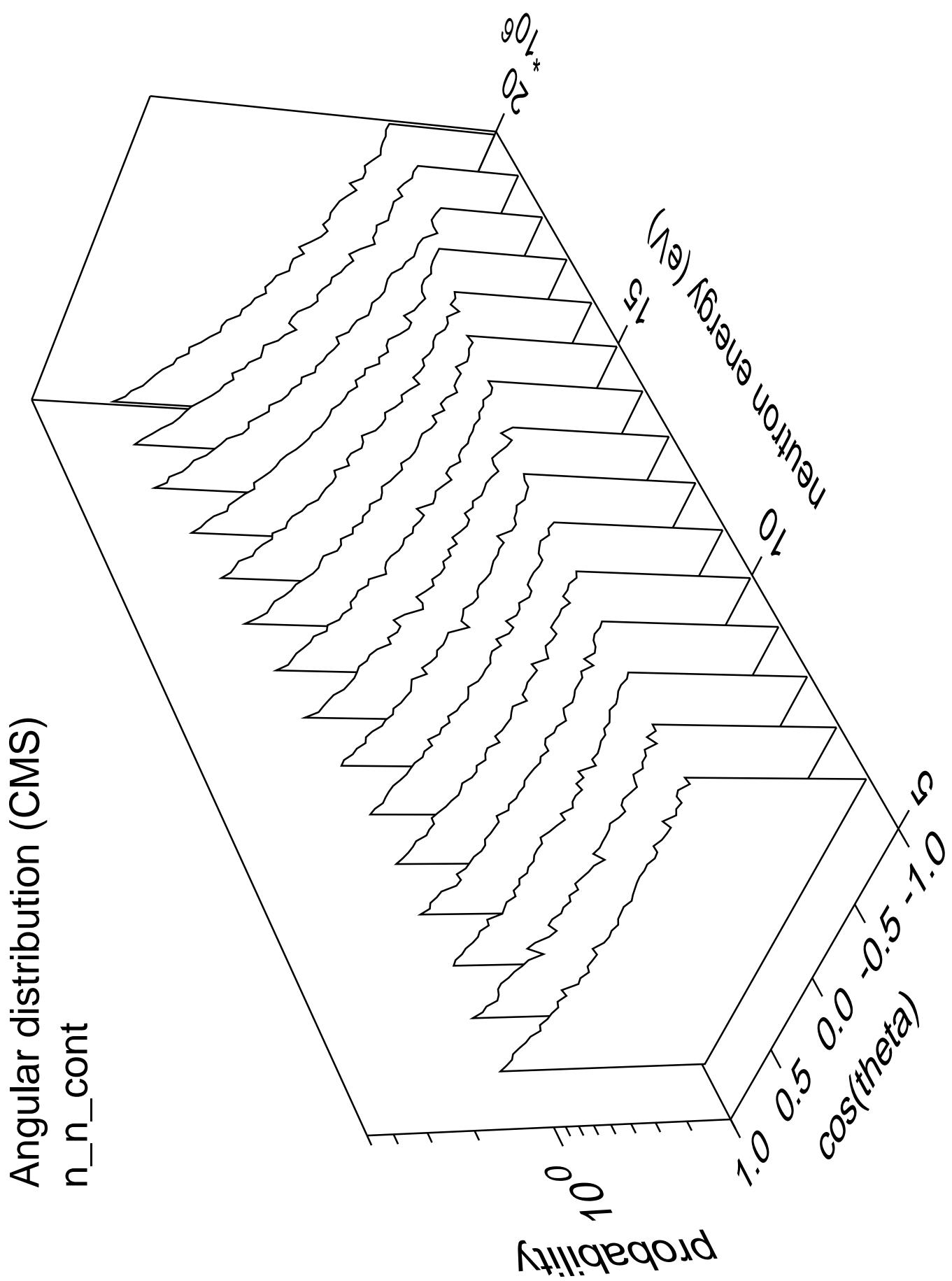


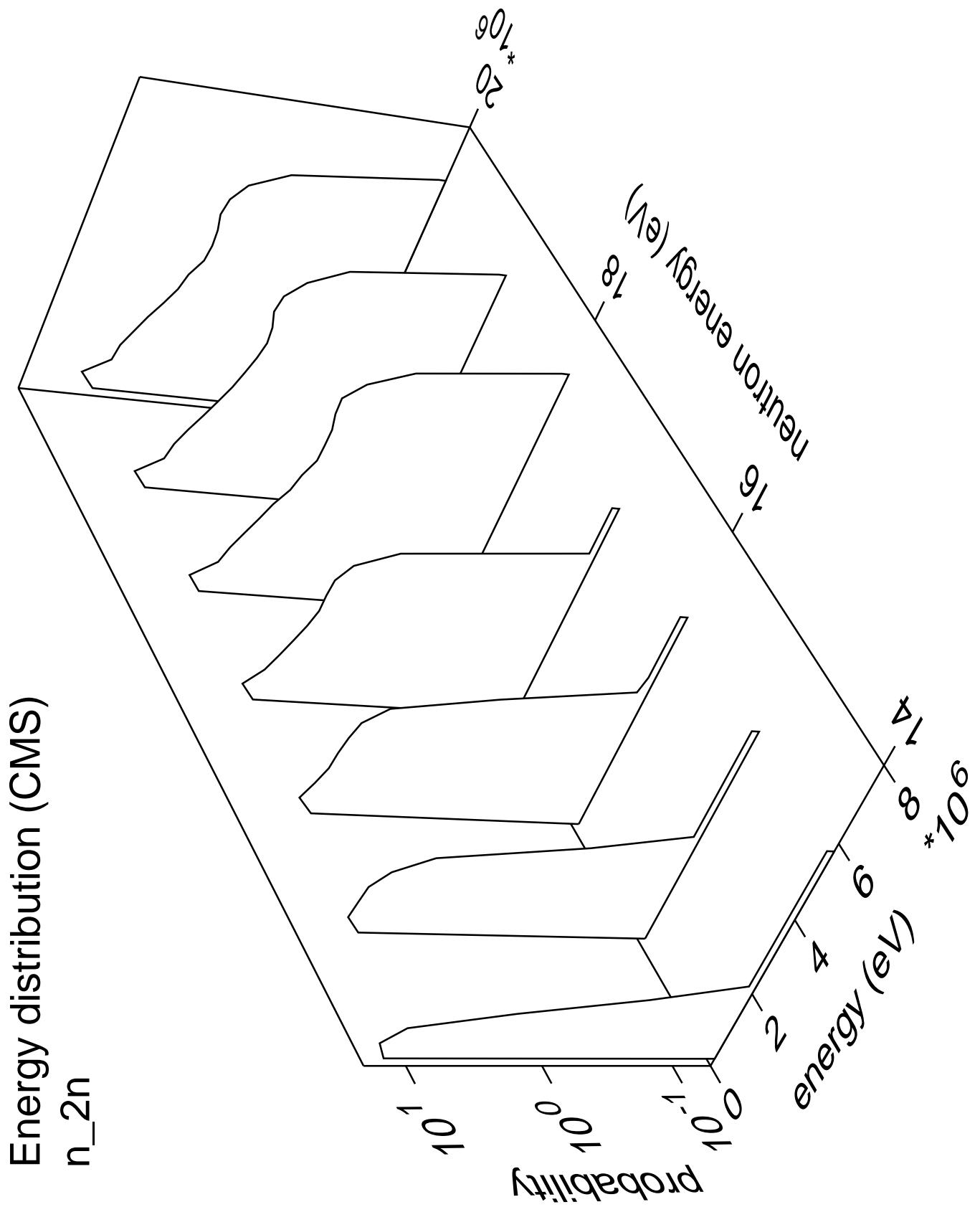


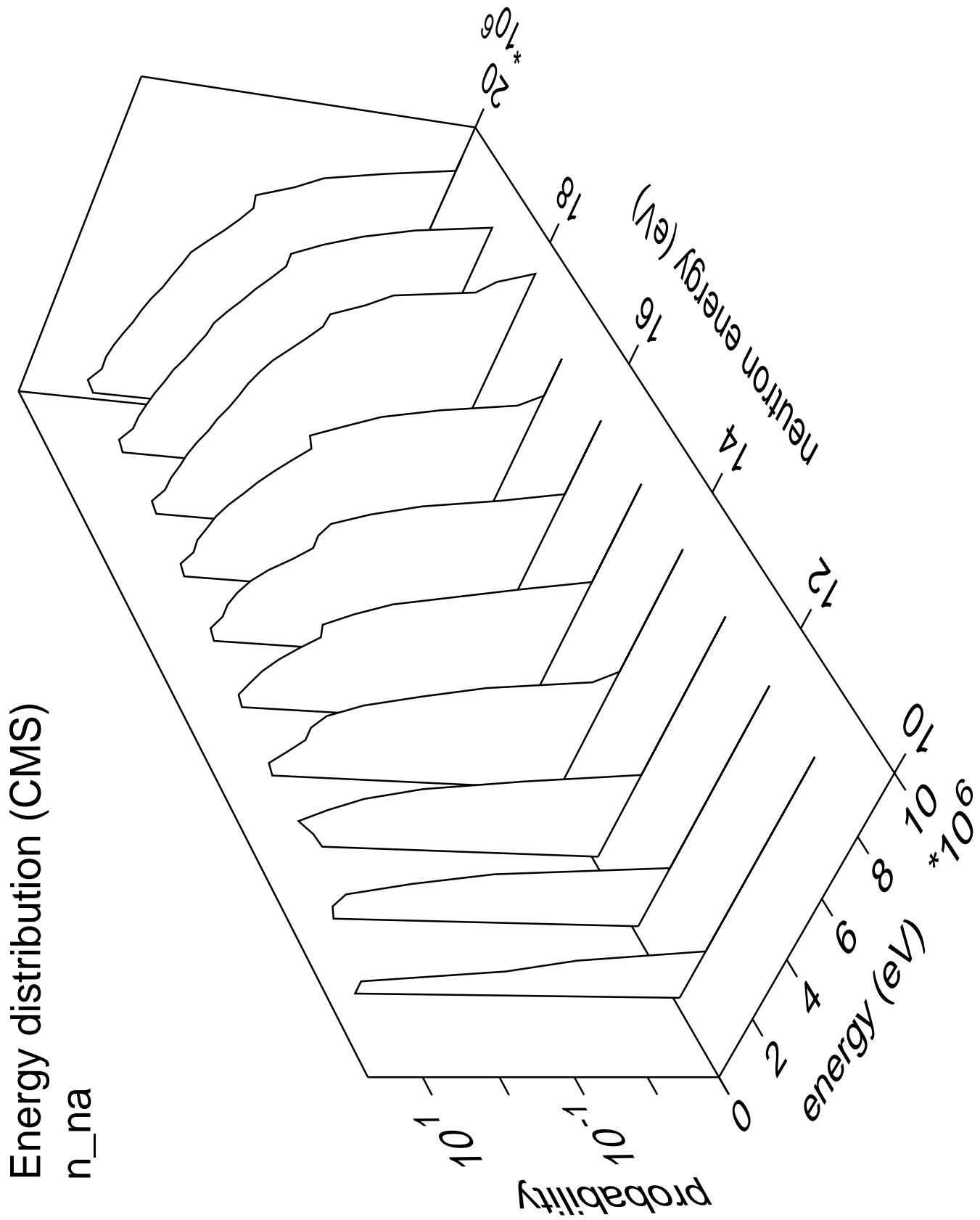


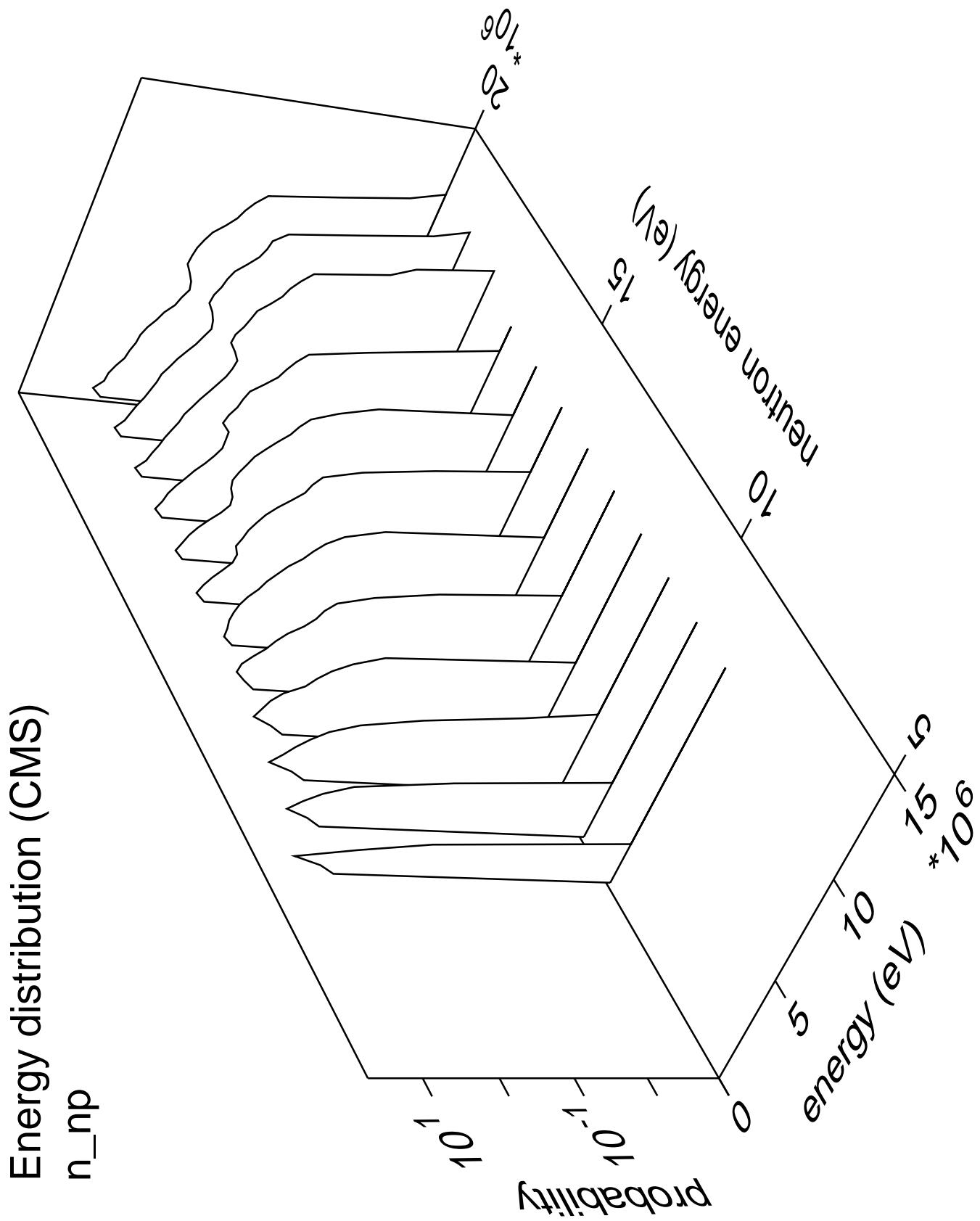


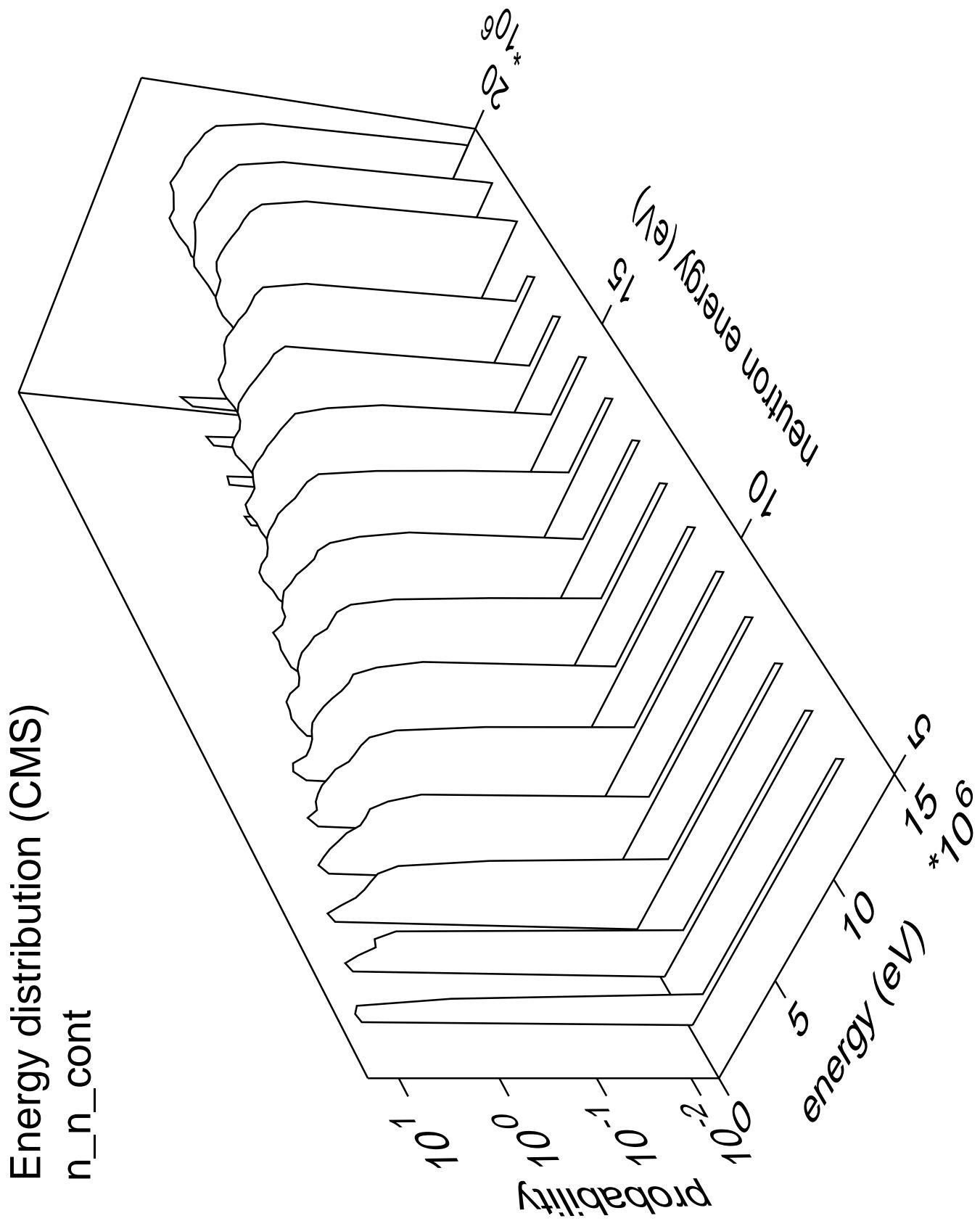




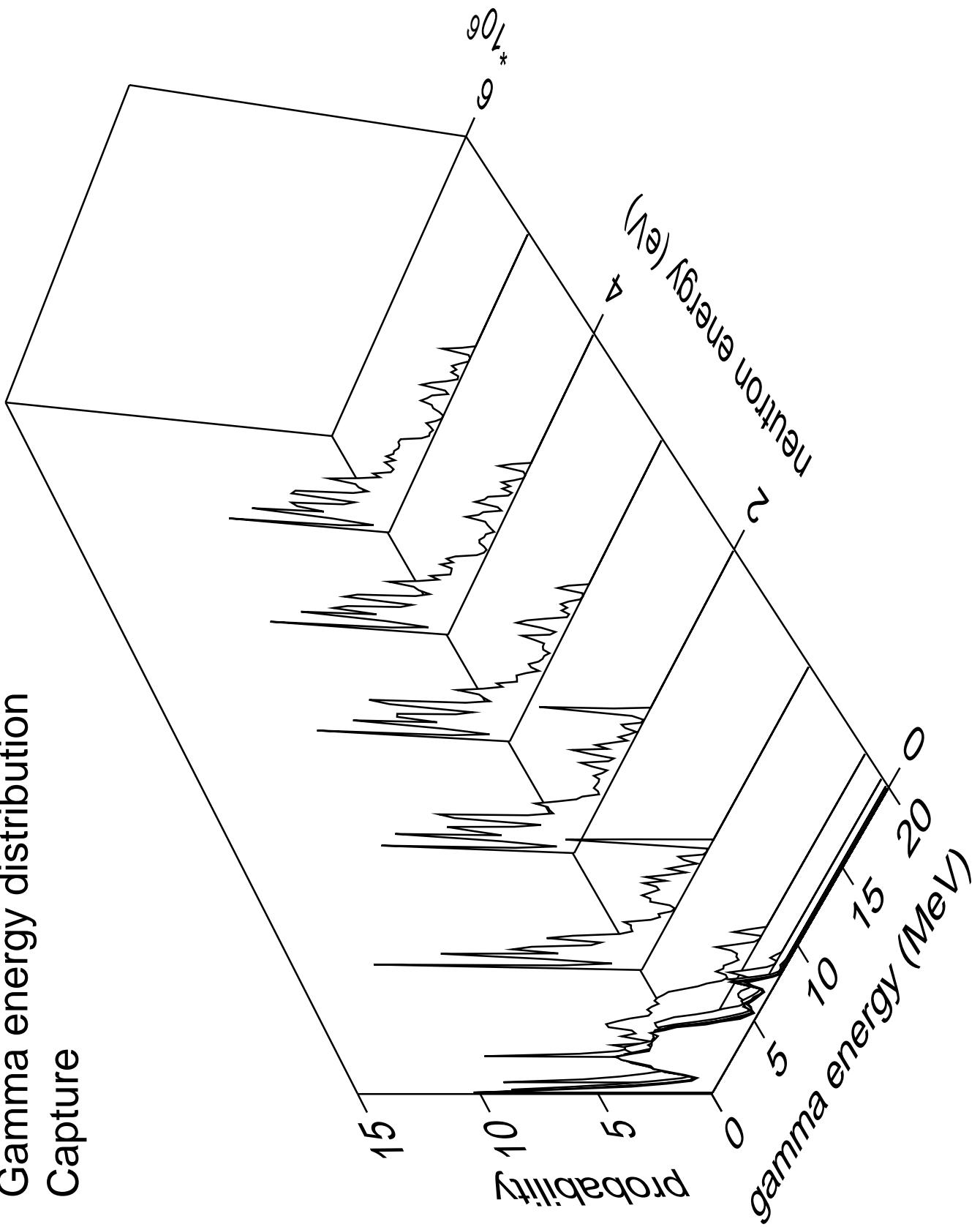




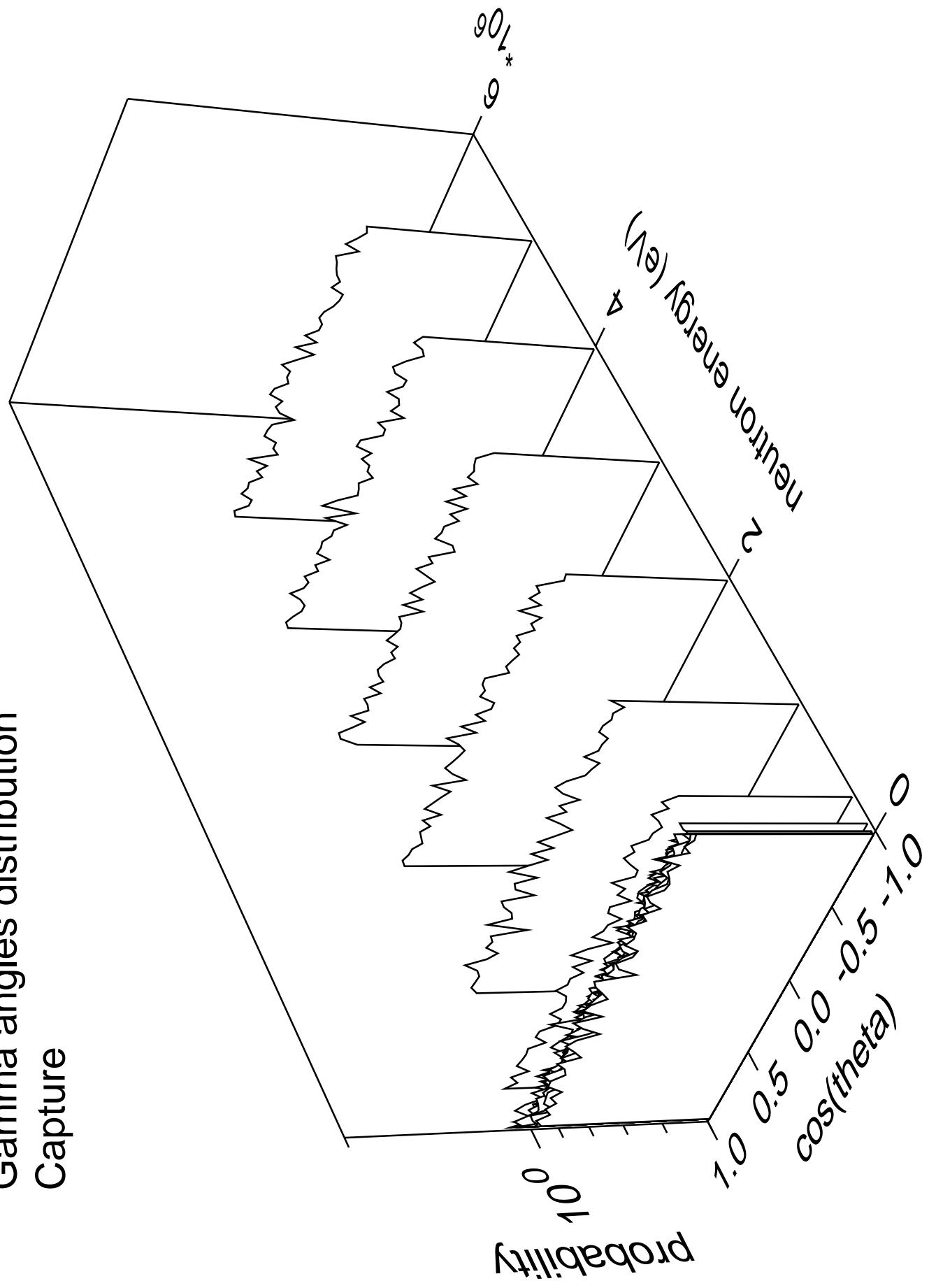




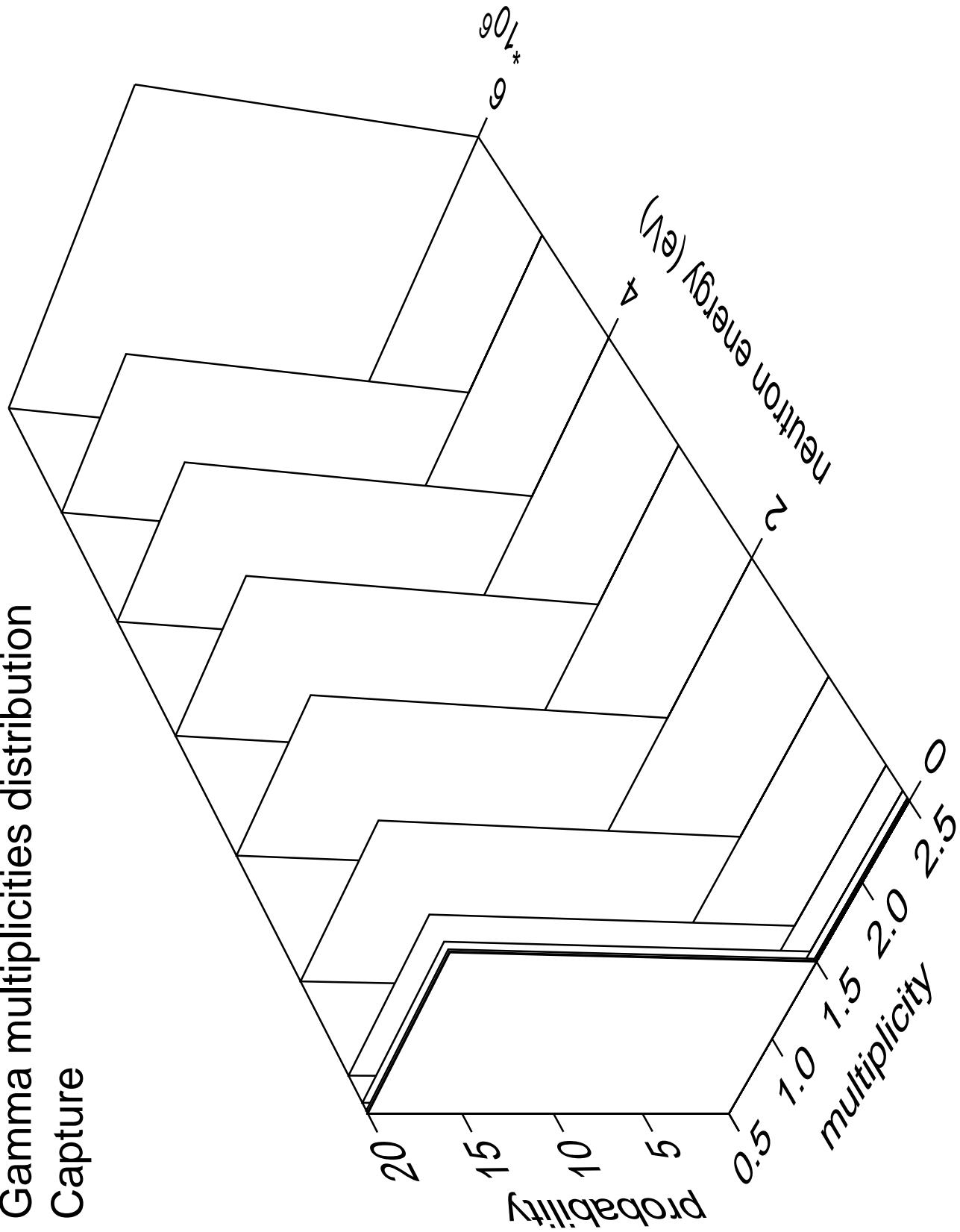
Gamma energy distribution Capture

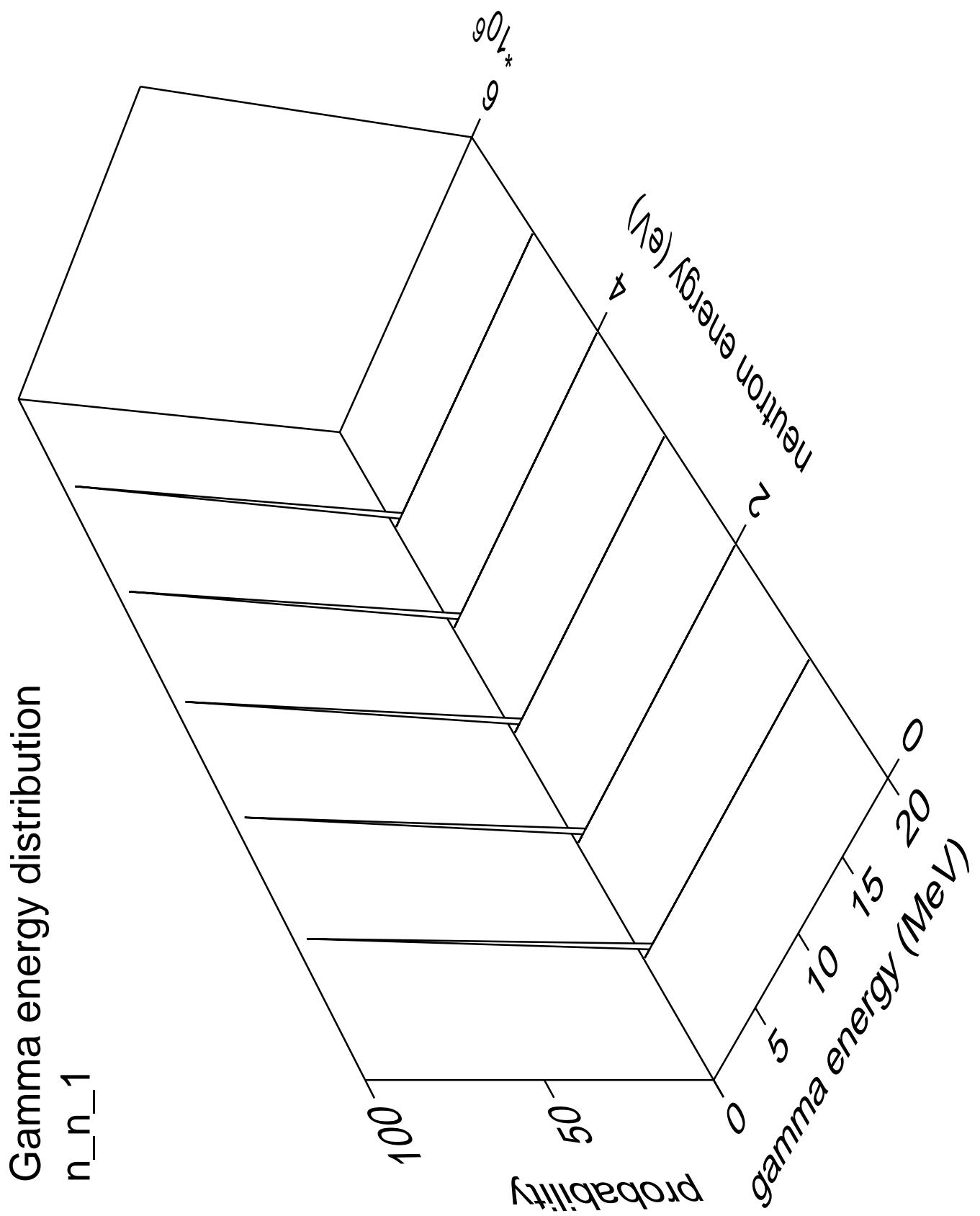


Gamma angles distribution Capture



Gamma multiplicities distribution Capture





Gamma angles distribution

n_{n_1}

Probability

10^0

10^6

6

4

2

0

neutron energy (eV)

cos(theta)

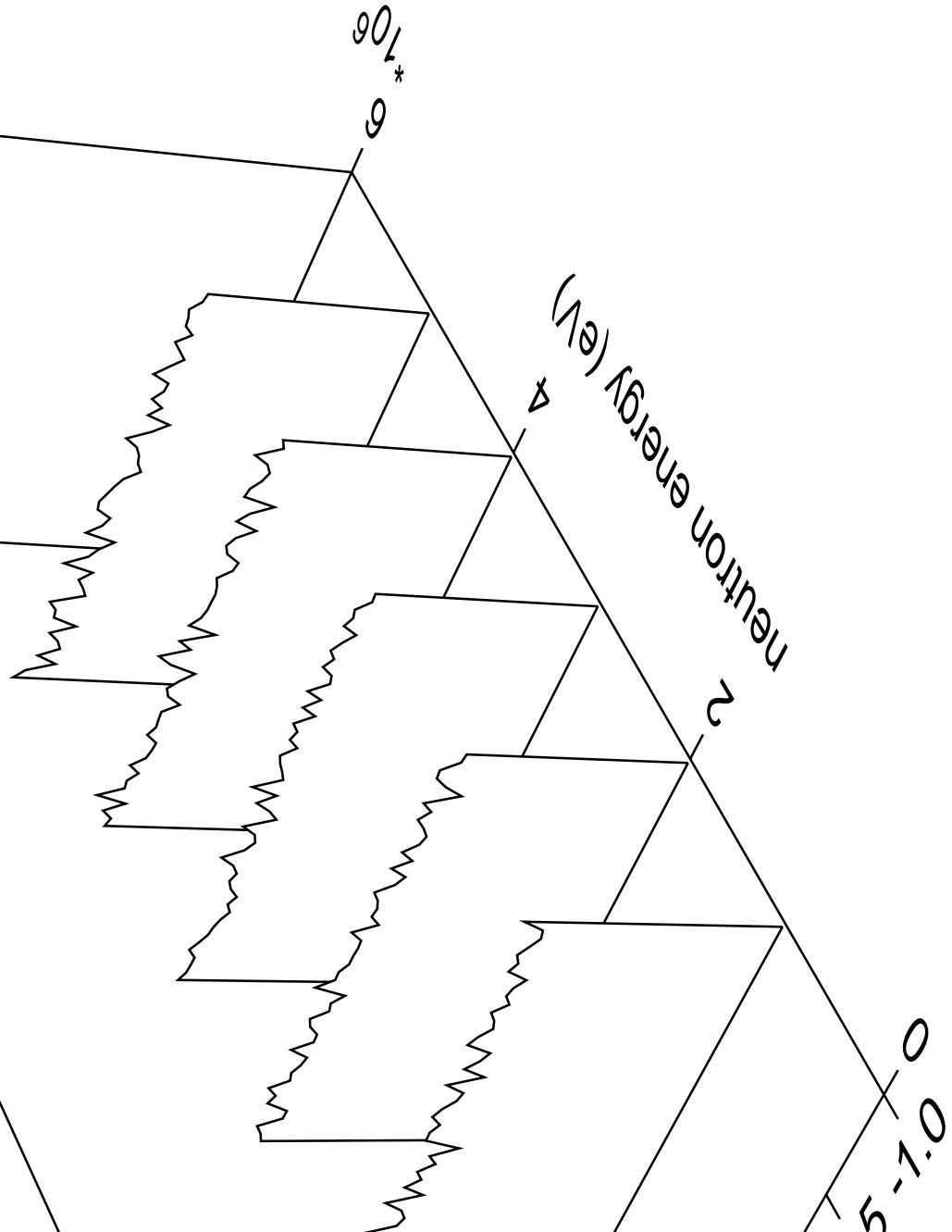
1.0

0.5

0.0

-0.5

-1.0



Gamma multiplicities distribution

n_n_1

Probability

0.5 1.0 1.5 2.0 2.5

multiplicity

0 0.5 1.0 1.5 2.0 2.5

Neutron energy (eV)

$\times 10^6$

0

6

12

18

24

30

36

42

48

54

60

66

72

78

84

90

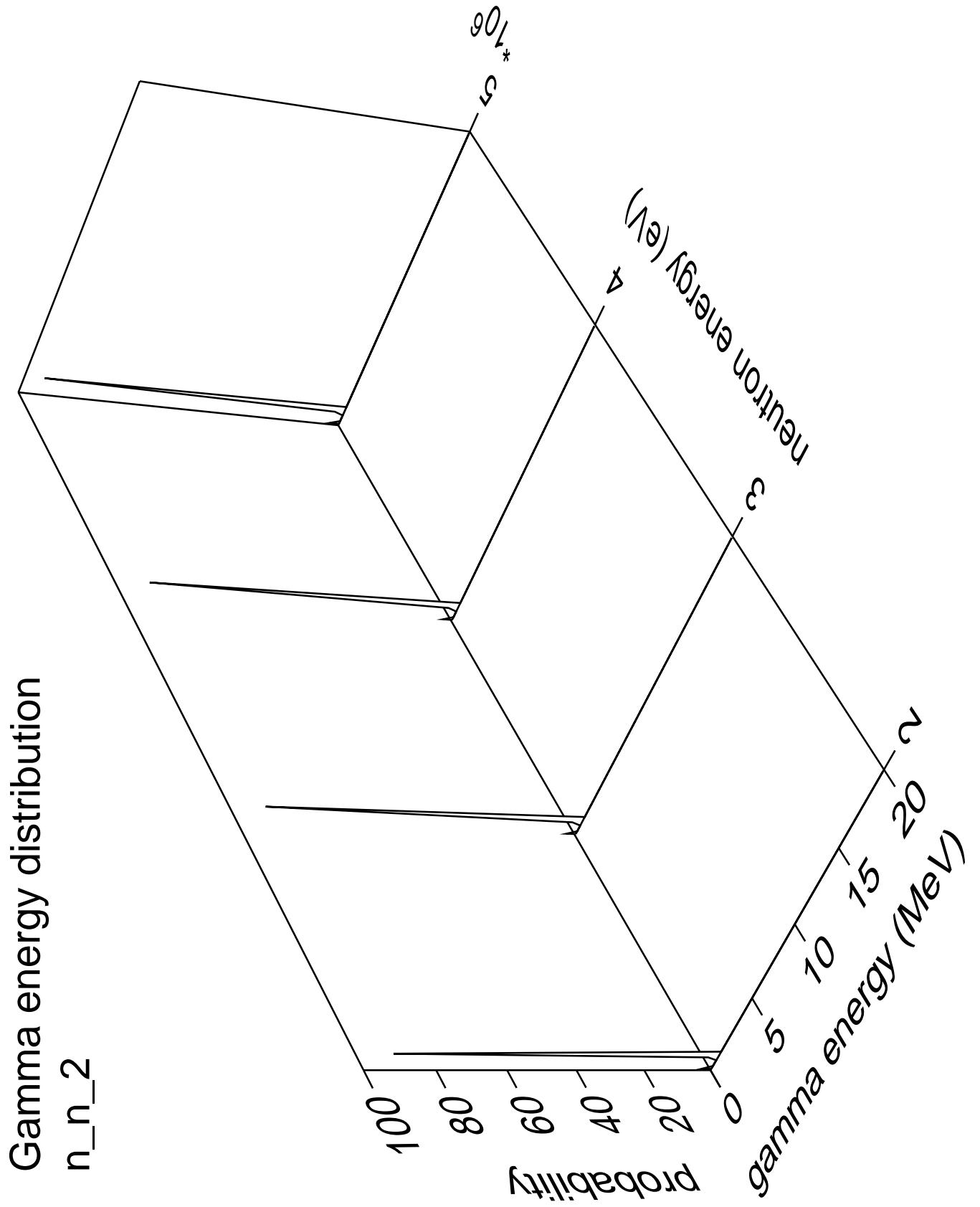
96

102

108

114

120



Gamma angles distribution

n_n_2

Probability

10^0

10^6

5

0

-5

-10

-15

-20

-25

-30

-35

-40

-45

-50

-55

-60

-65

-70

-75

-80

-85

-90

-95

-100

-105

-110

-115

-120

-125

-130

-135

-140

-145

-150

-155

-160

-165

-170

-175

-180

-185

-190

-195

-200

-205

-210

-215

-220

-225

-230

-235

-240

-245

-250

-255

-260

-265

-270

-275

-280

-285

-290

-295

-300

-305

-310

-315

-320

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-330

-335

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-355

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-775

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-805

-810

-815

-820

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-835

-840

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-855

-860

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-870

-875

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-885

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-905

-910

-915

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-935

-940

-945

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-955

-960

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-975

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-990

-995

-1000

-1005

-1010

-1015

-1020

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-1075

-1080

-1085

-1090

-1095

-1100

-1105

-1110

-1115

-1120

-1125

-1130

-1135

-1140

-1145

-1150

-1155

-1160

-1165

-1170

-1175

-1180

-1185

-1190

-1195

-1200

-1205

-1210

-1215

-1220

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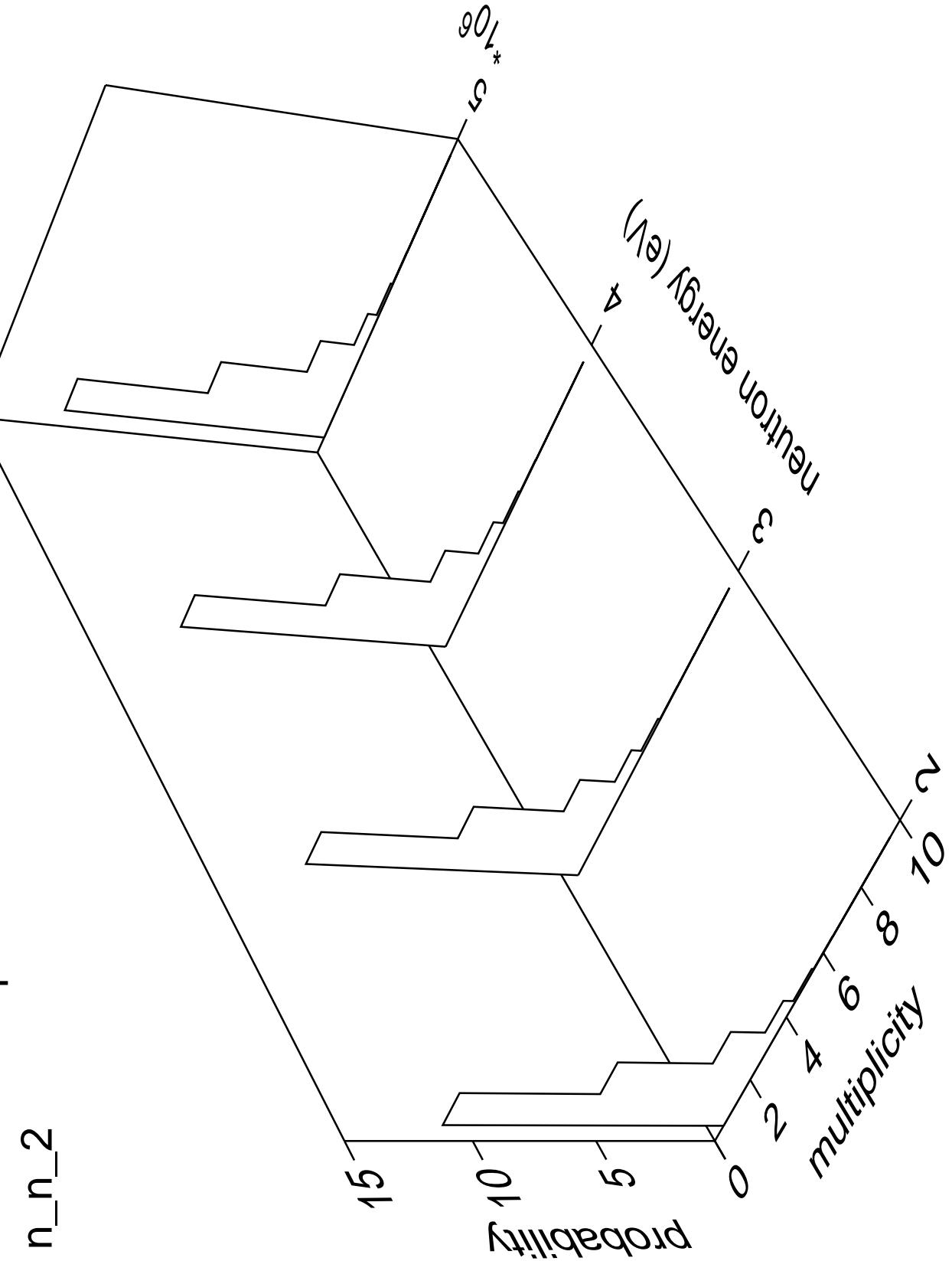
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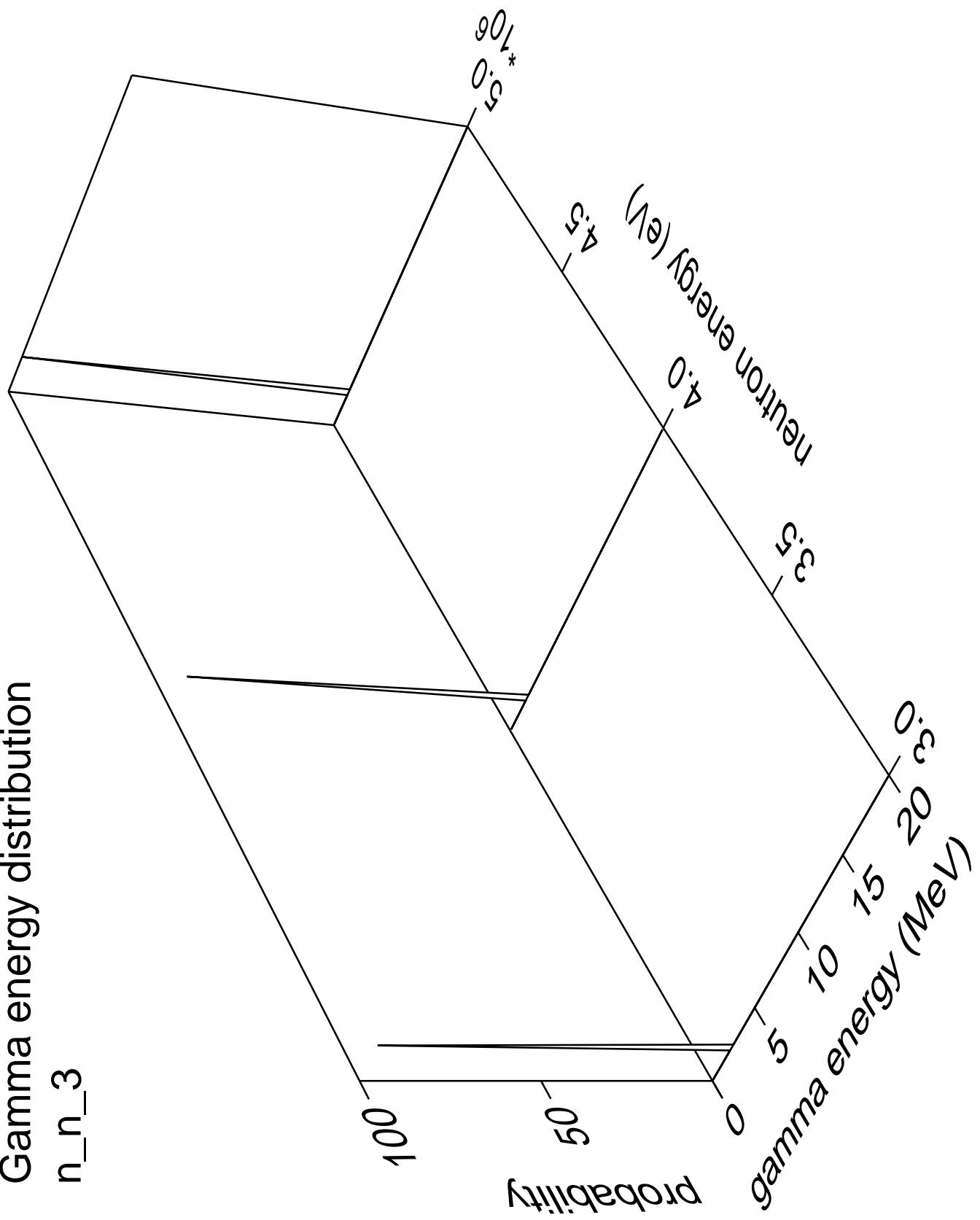
Gamma multiplicities distribution

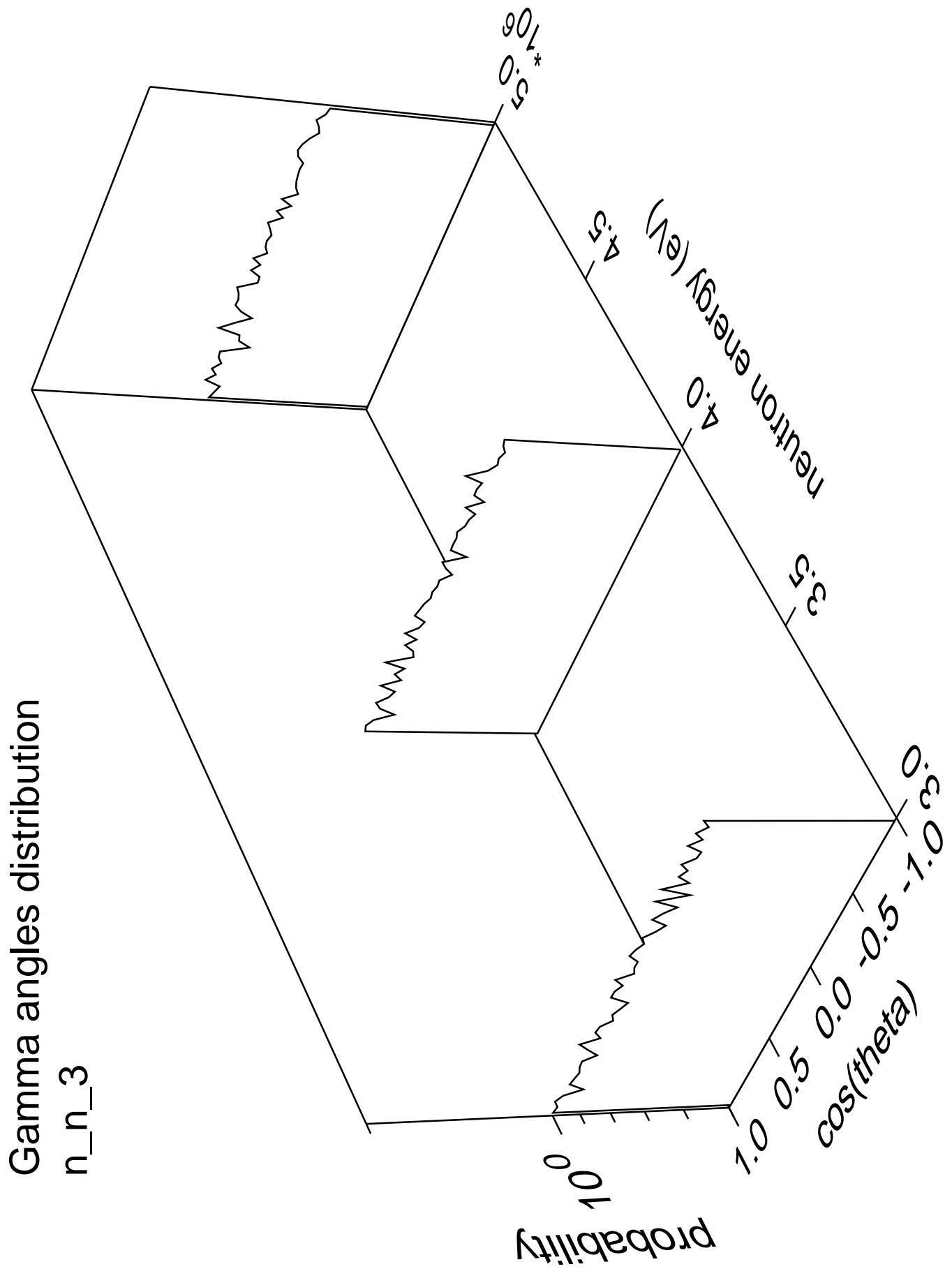
n_{n_2}

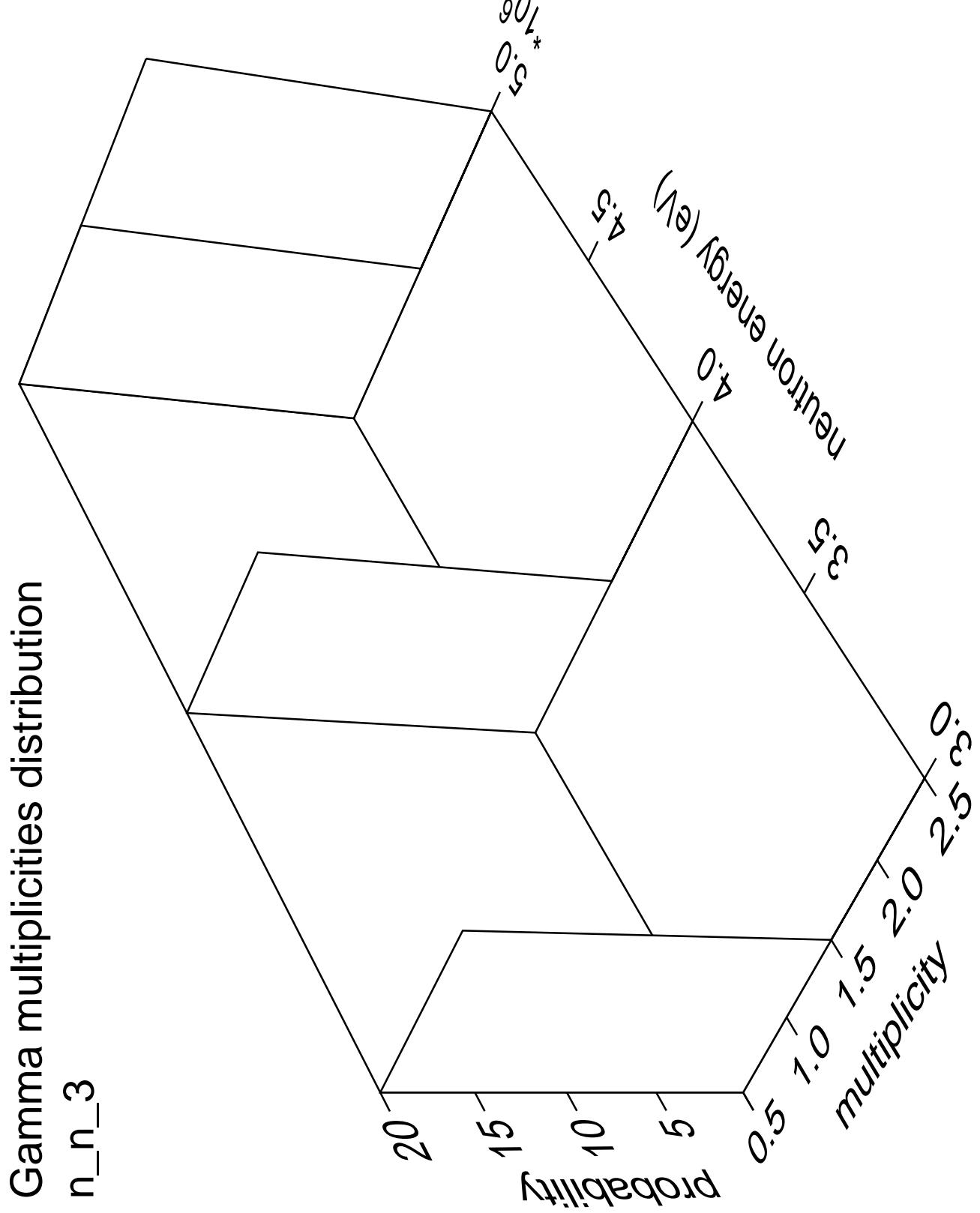


Gamma energy distribution

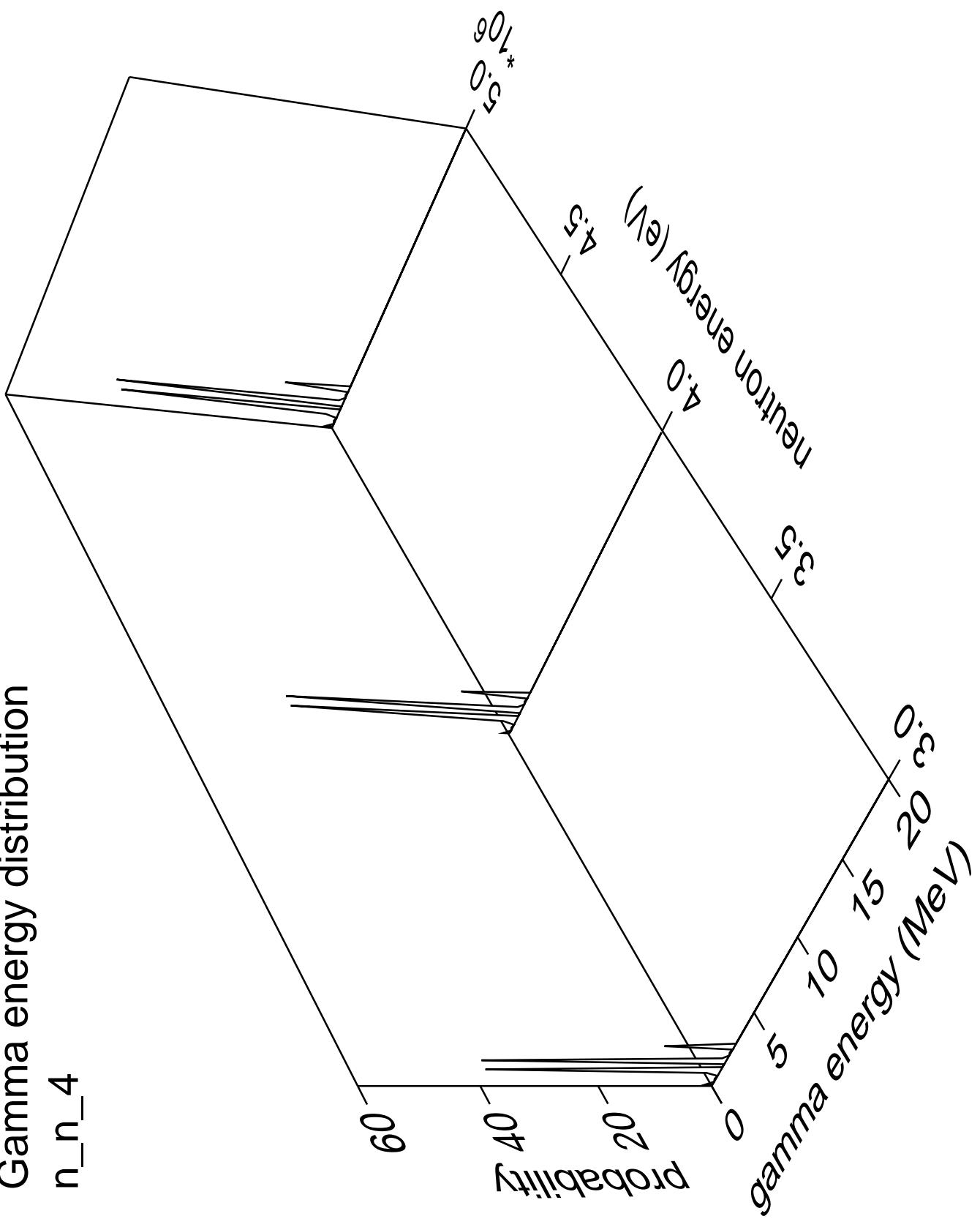
n_n_3

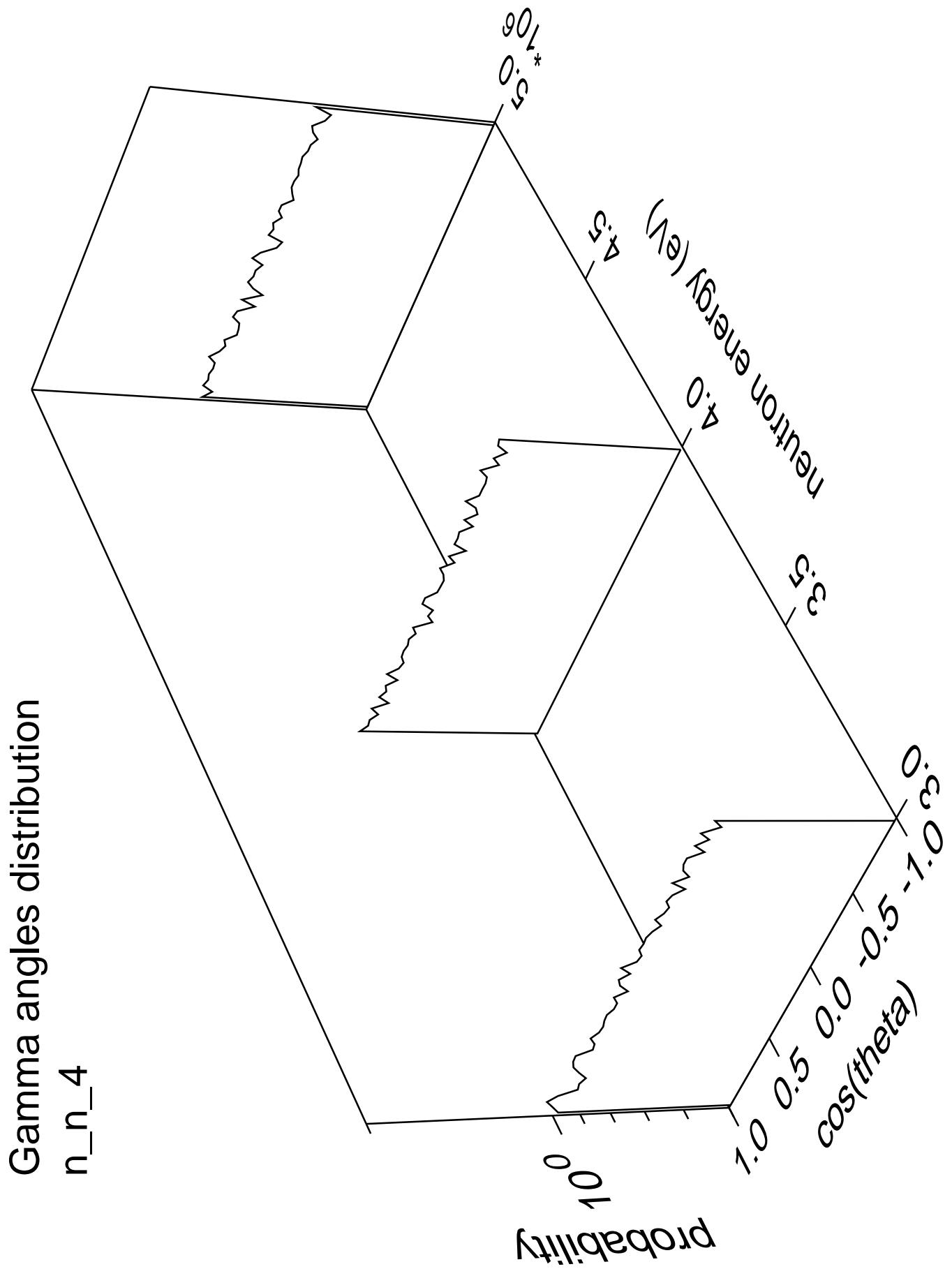


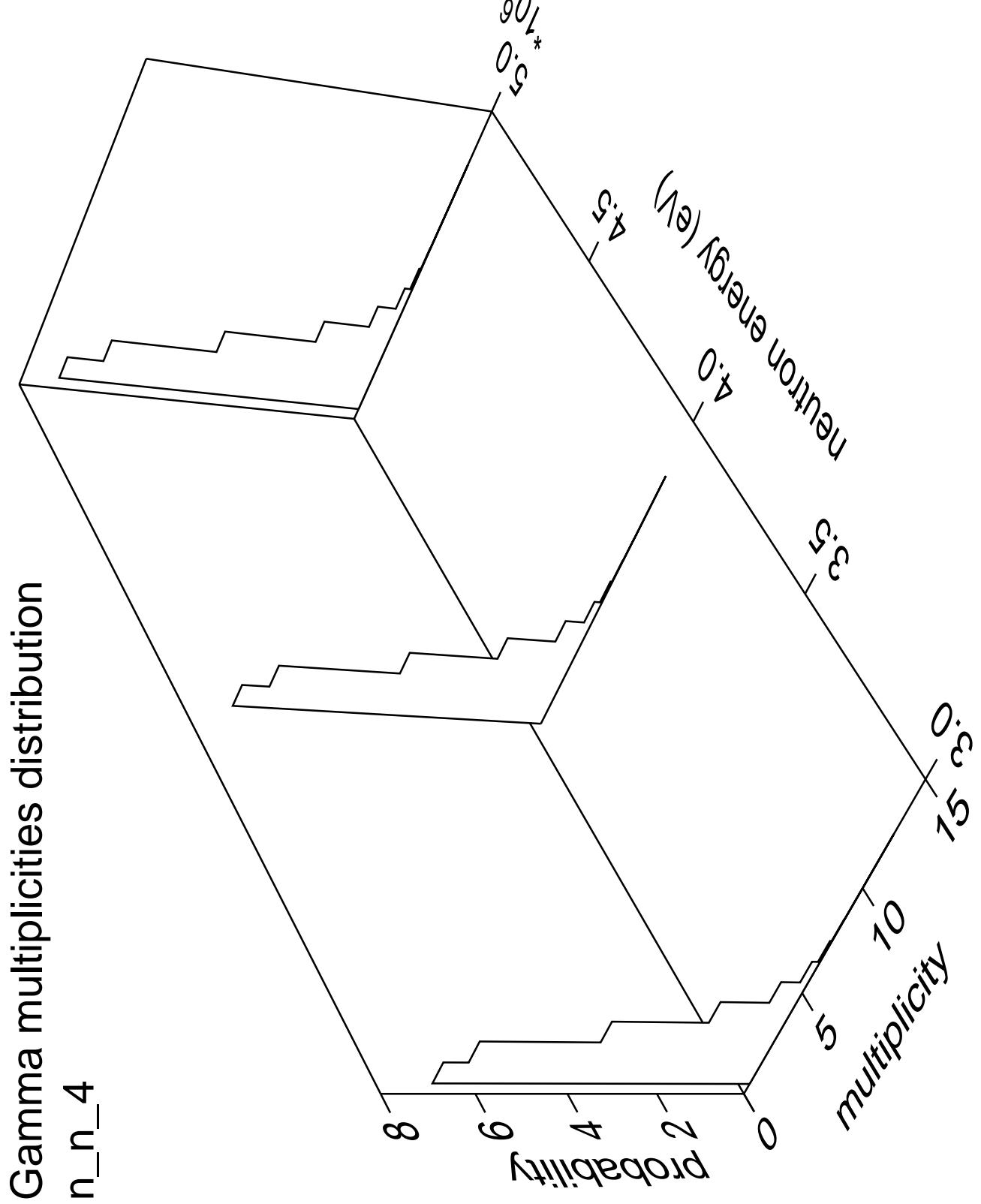




Gamma energy distribution n_n_4







Gamma energy distribution

n_n_5

100

80

60

40

20

5

Probability

10^6

5.0

2.5

1.25

0.625

0.3125

0.15625

0.078125

0.0390625

0.01953125

0.009765625

0.0048828125

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0.000000000000000000000000000000009629649721975073825228277989843750078756250000139702388935744140625

0.000000000000000000000000000000004814824860987536912614138949493750039375625000069851187388935744140625

0.00000000000000000000000000000000240741243049376845630707447474875001937562500003492557388935744140625

0.0000000000000000000000000000000012037062152468842281535372373743750009375625000017462787388935744140625

0.00000000000000000000000000000000060185310762344211407676

Gamma angles distribution

n_n_5

Probability

10^0

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

Neutron energy (eV)

4.5

3.0

1.5

0.0

10⁰
10⁻¹
10⁻²

Gamma multiplicities distribution

n_n_5

15

10

5

0

Probability

multiplicity

10^{-4}

8

6

4

2

0

Neutron energy (eV)

10^6

5.0

2.5

1.25

0.625

0.3125

0.15625

0.078125

0.0390625

0.01953125

0.009765625

0.0048828125

0.00244140625

0.001220703125

0.0006103515625

0.00030517578125

0.000152587890625

7.629396953125e-05

3.8146984765625e-05

1.90734923828125e-05

9.53674619140625e-06

4.76837309572656e-06

2.38418654786328e-06

1.19209327393164e-06

5.9604663696582e-07

2.9802331848291e-07

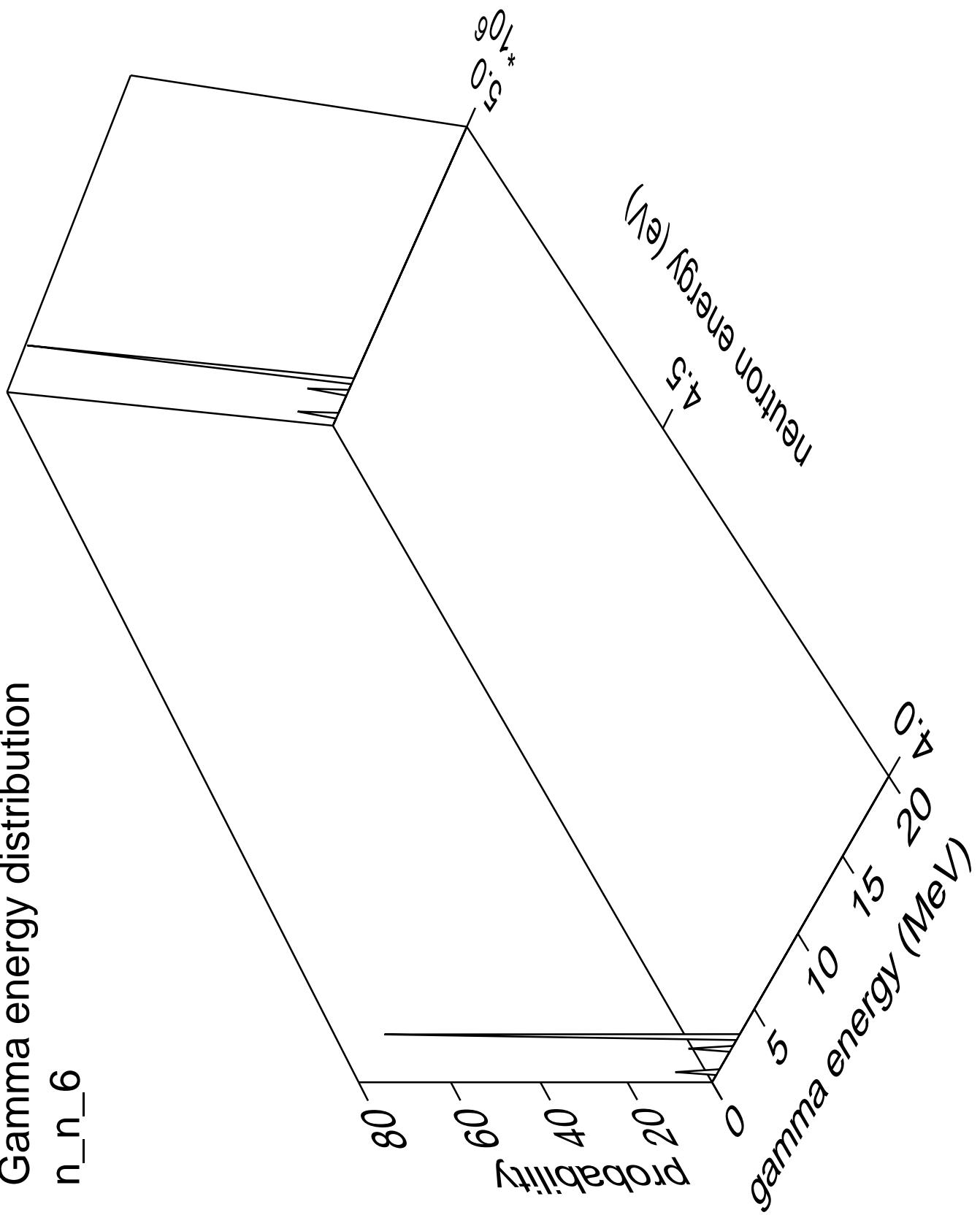
1.49011659241455e-07

7.45058296207275e-08

3.725291481036375e-08

Gamma energy distribution

n_n_6



Gamma angles distribution

n_n_6

Probability

10^0

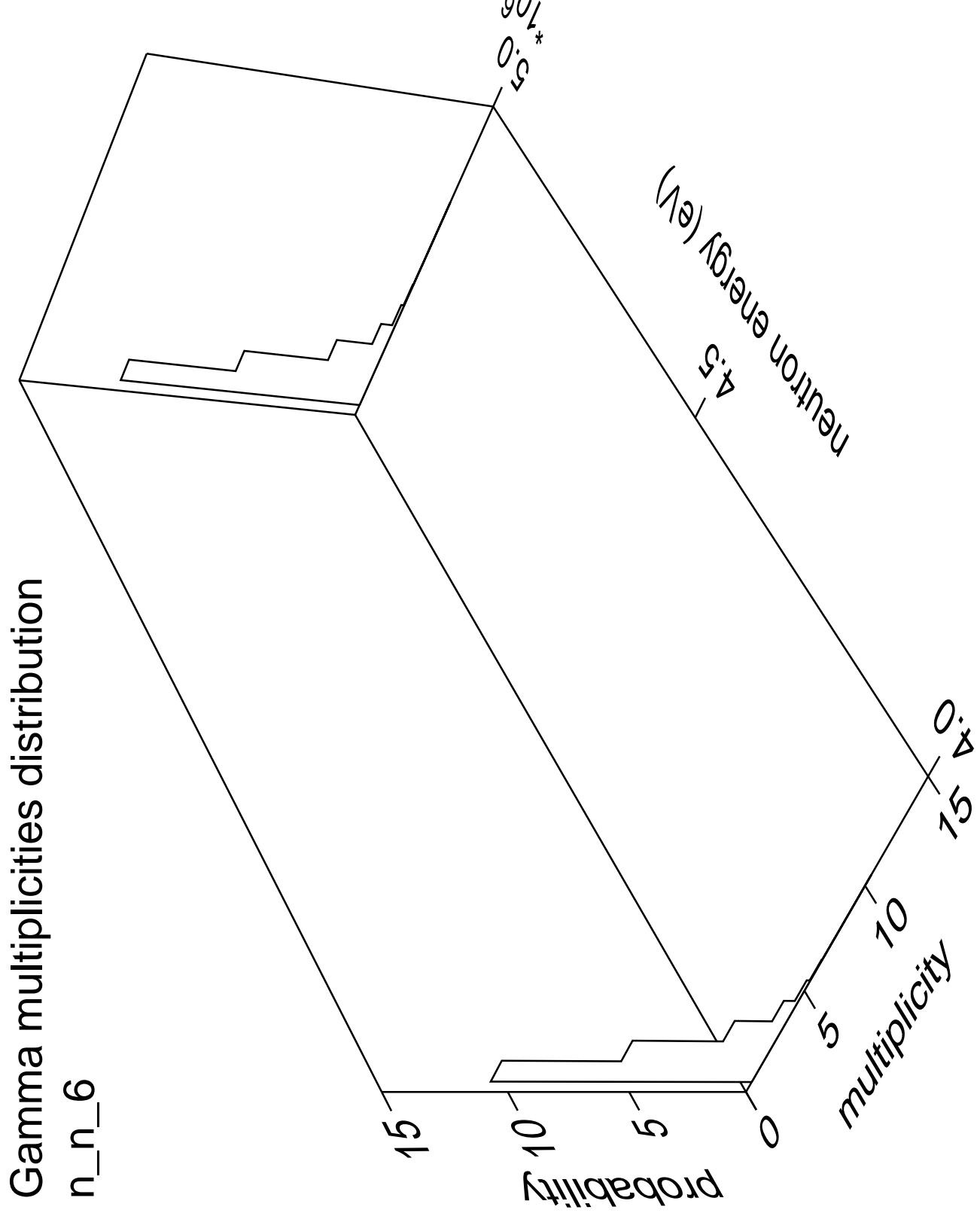
10^{-5}

10^{-6}

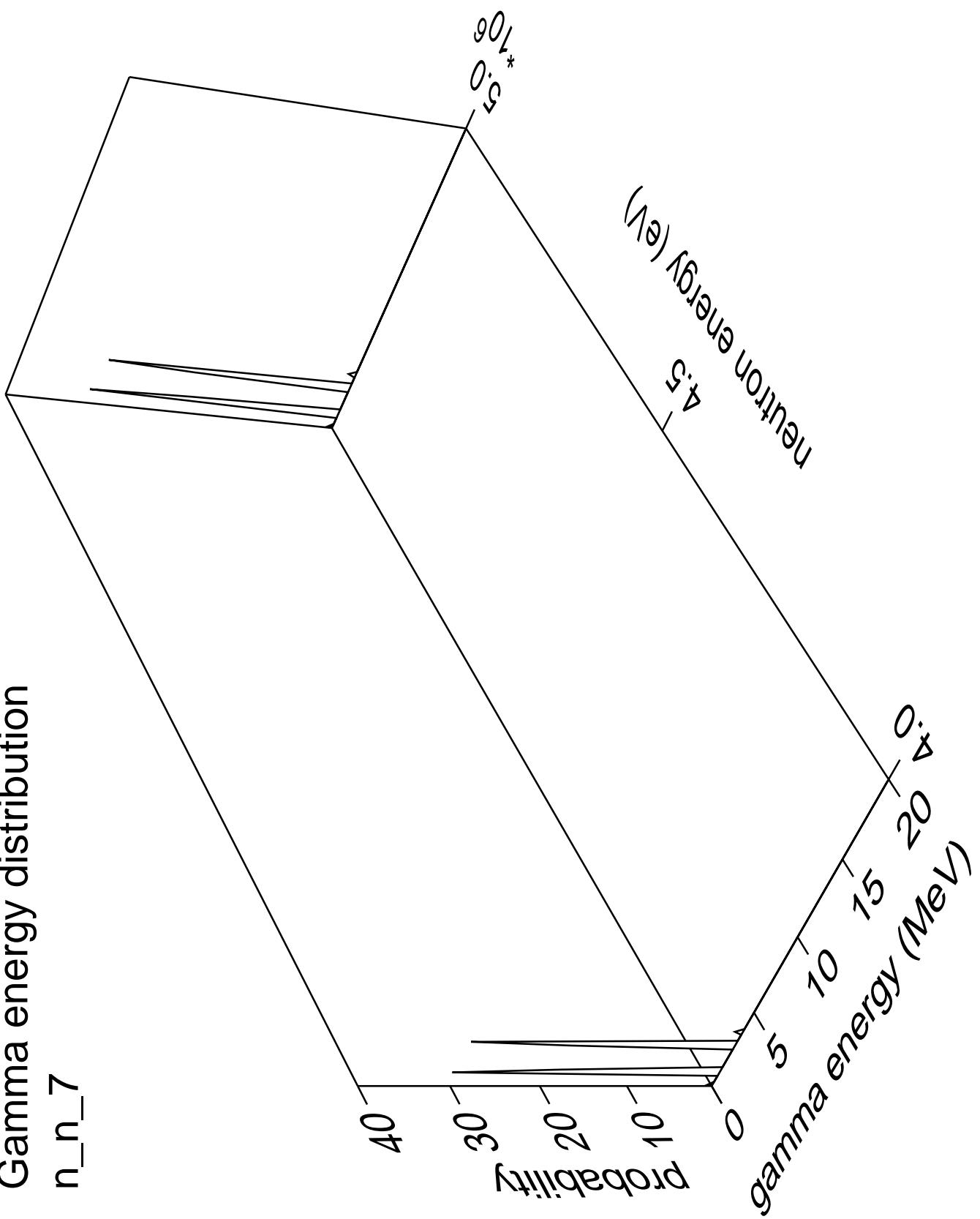
Neutron energy (eV)

$\cos(\theta)$

0.4 0.5 0.0 -0.5 -1.0



Gamma energy distribution n_n_7



Gamma angles distribution

n_n_7

Probability

10^0

Neutron energy (eV)

10^0
 5.0
 1.0

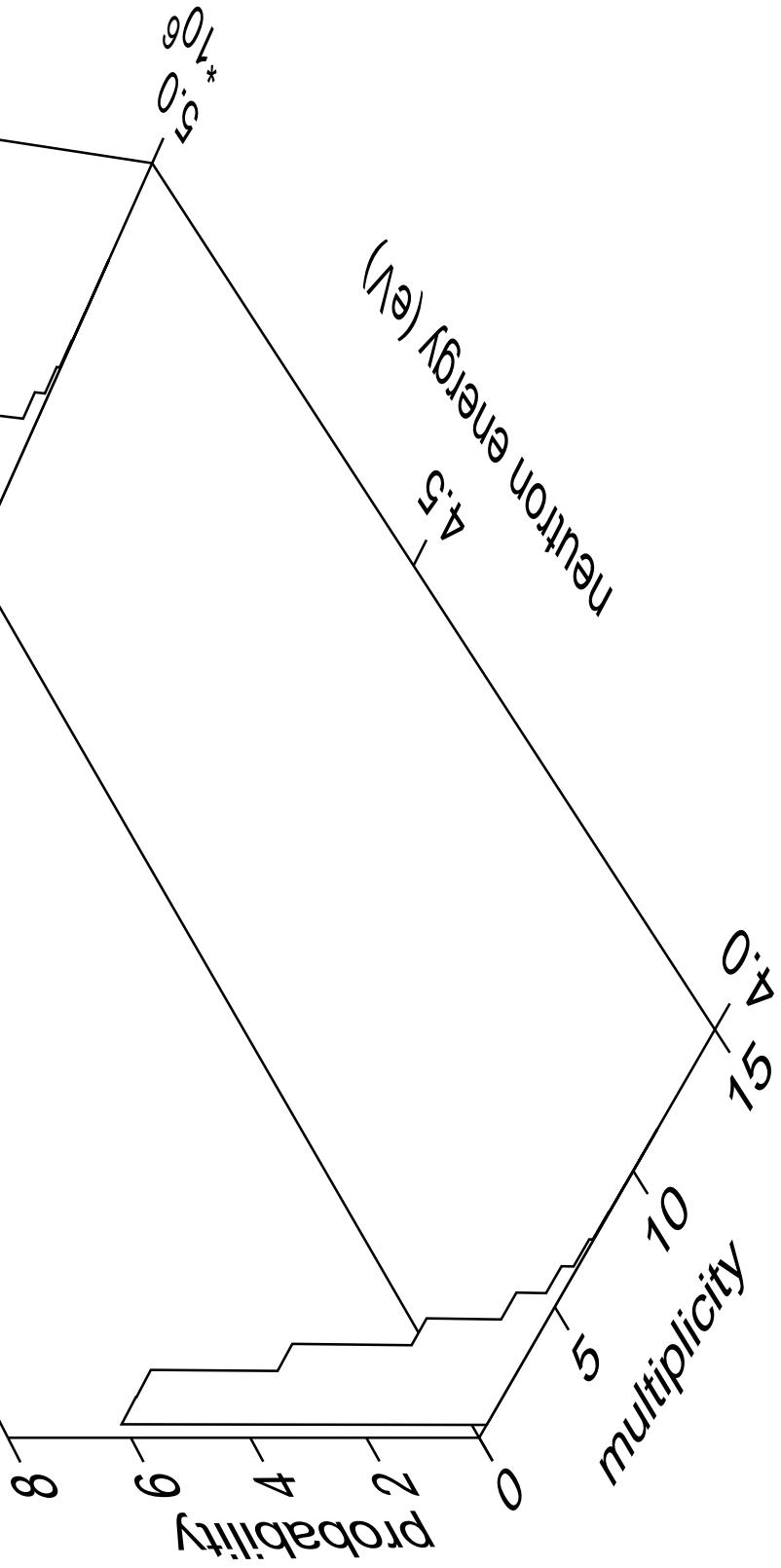
$\cos(\theta)$

1.0
 0.5
 0.0
 -0.5
 -1.0

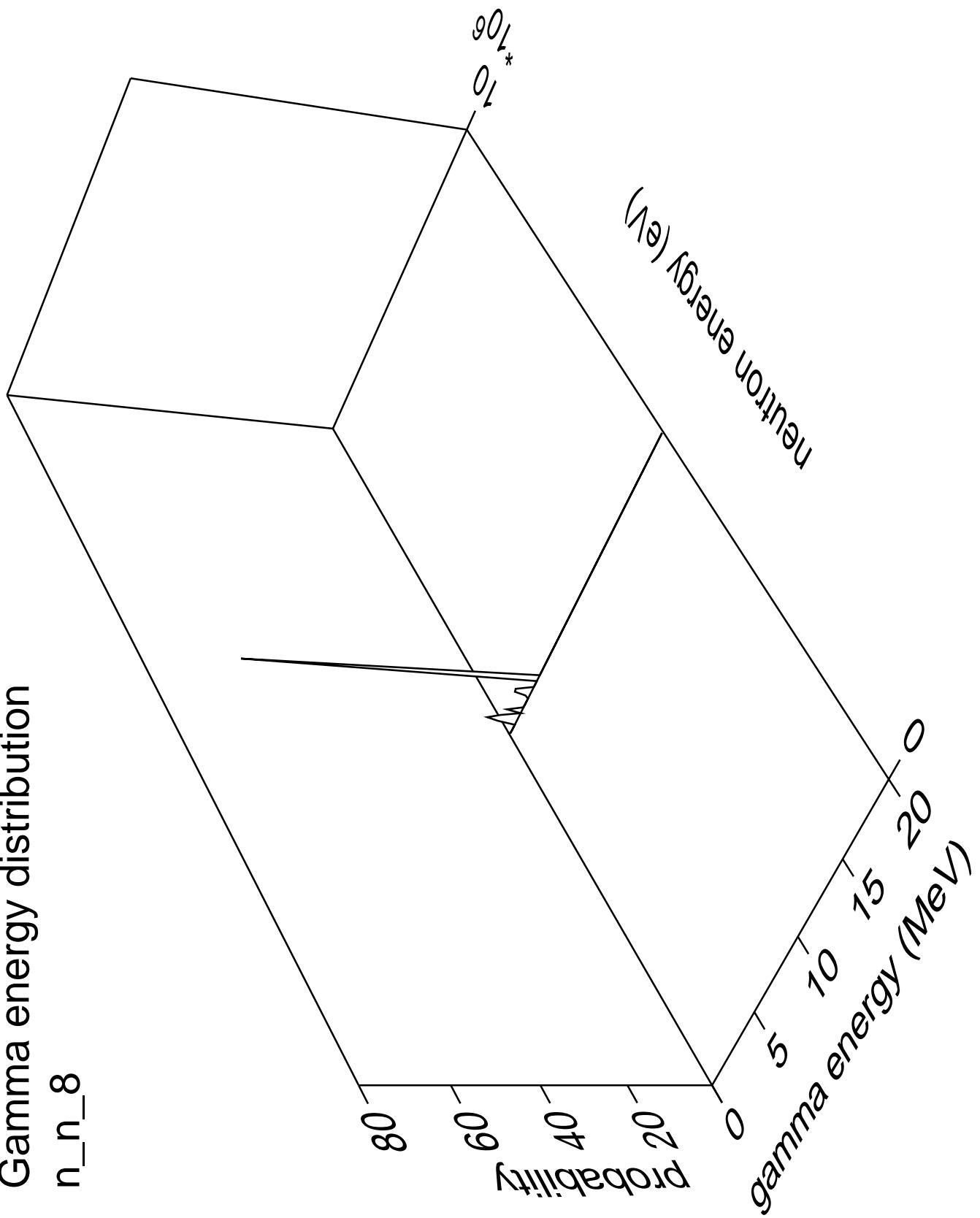
10^0
 5.0
 1.0

Gamma multiplicities distribution

n_n_7



Gamma energy distribution n_n_8



Gamma angles distribution

n_n_8

Probability

10^0

Neutron energy (eV)

10^{10}

10^{10}

$\cos(\theta)$

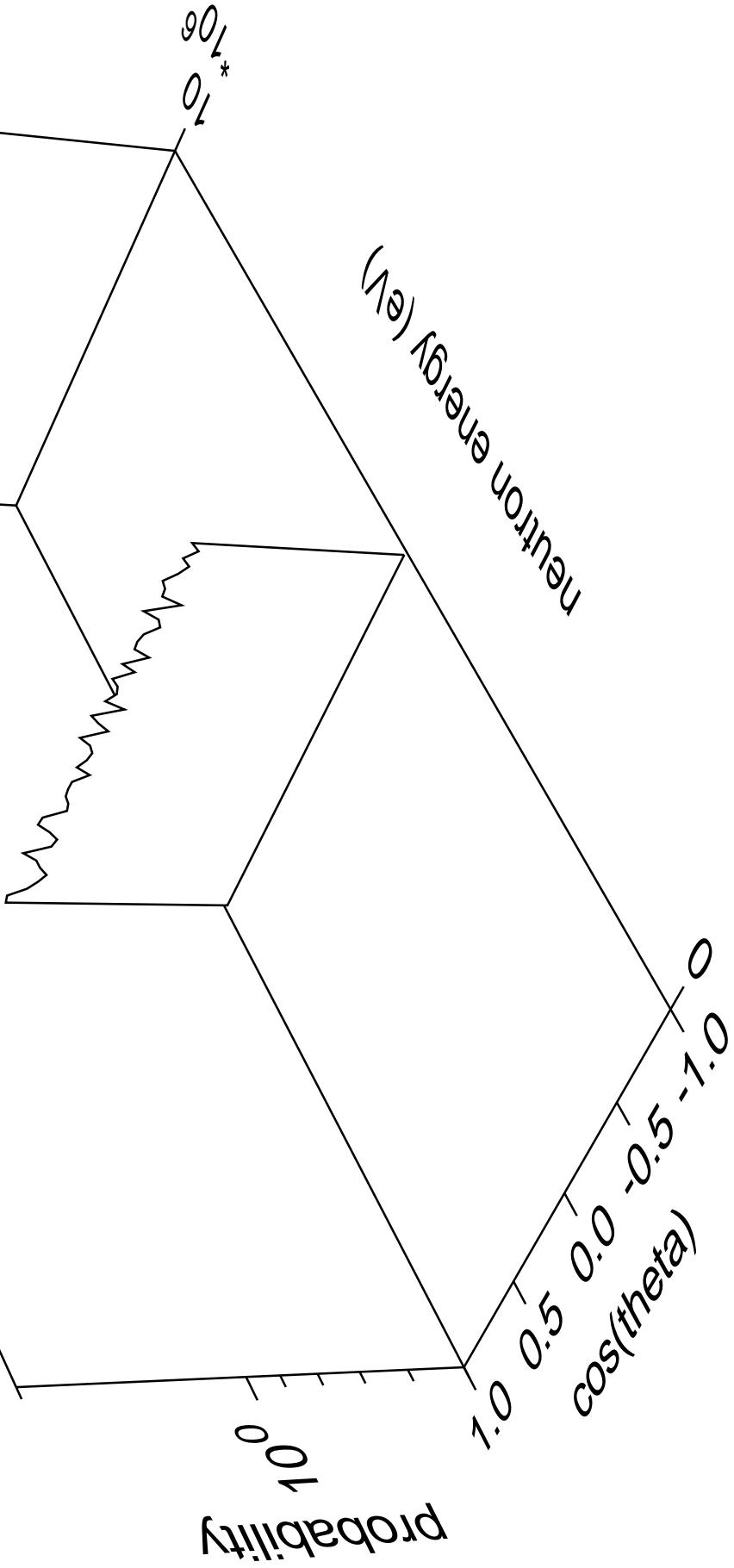
1.0

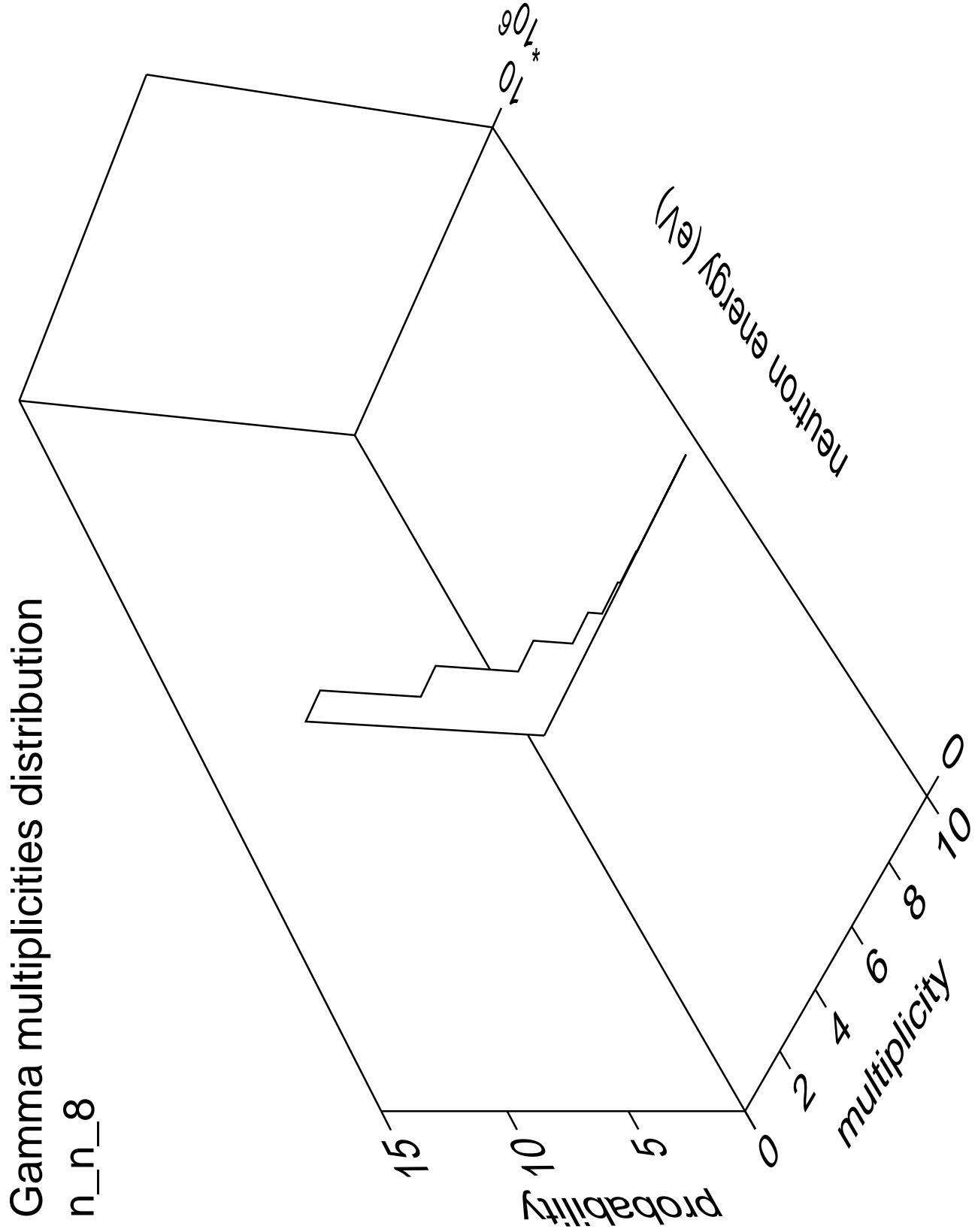
0.5

0.0

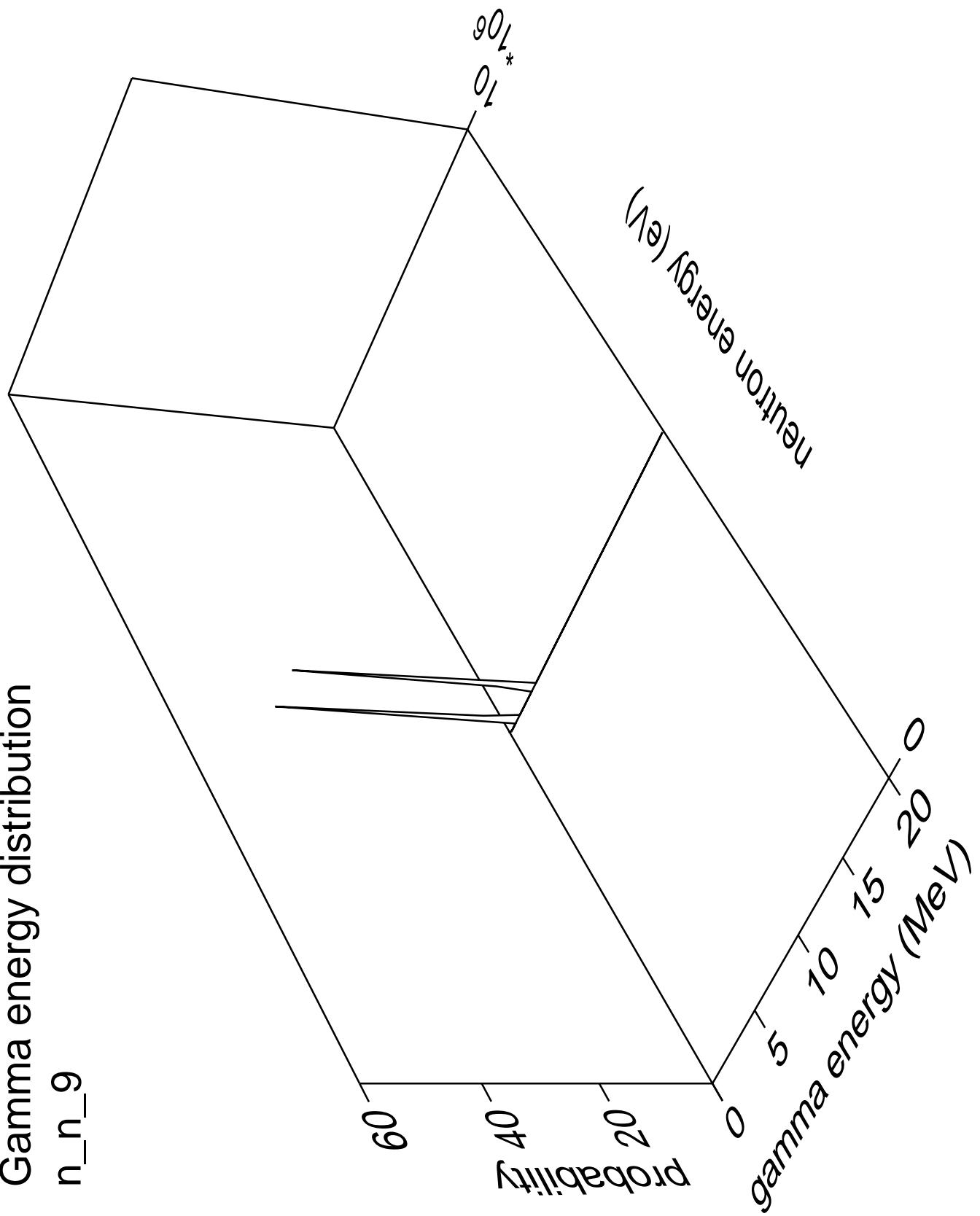
-0.5

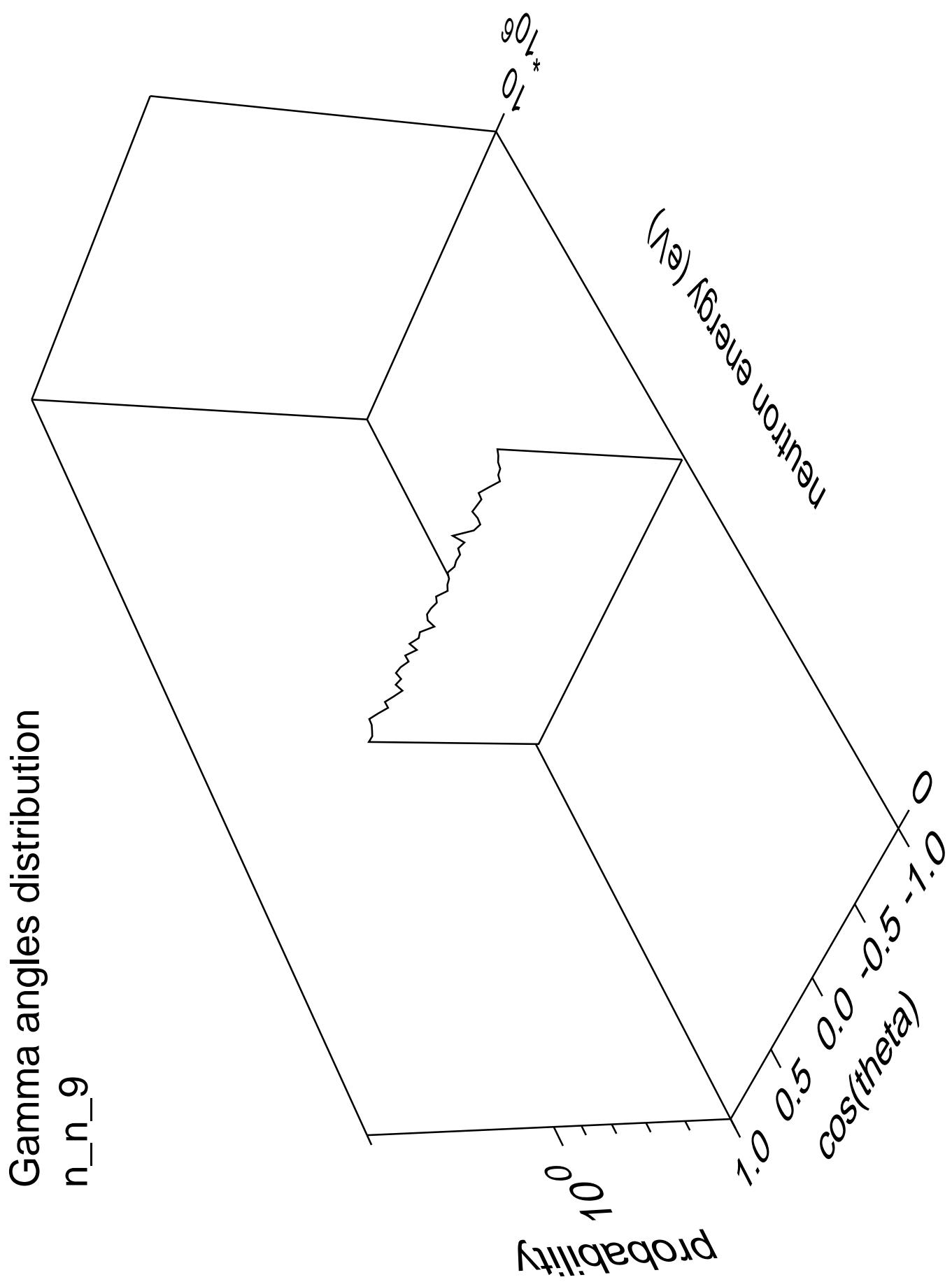
-1.0

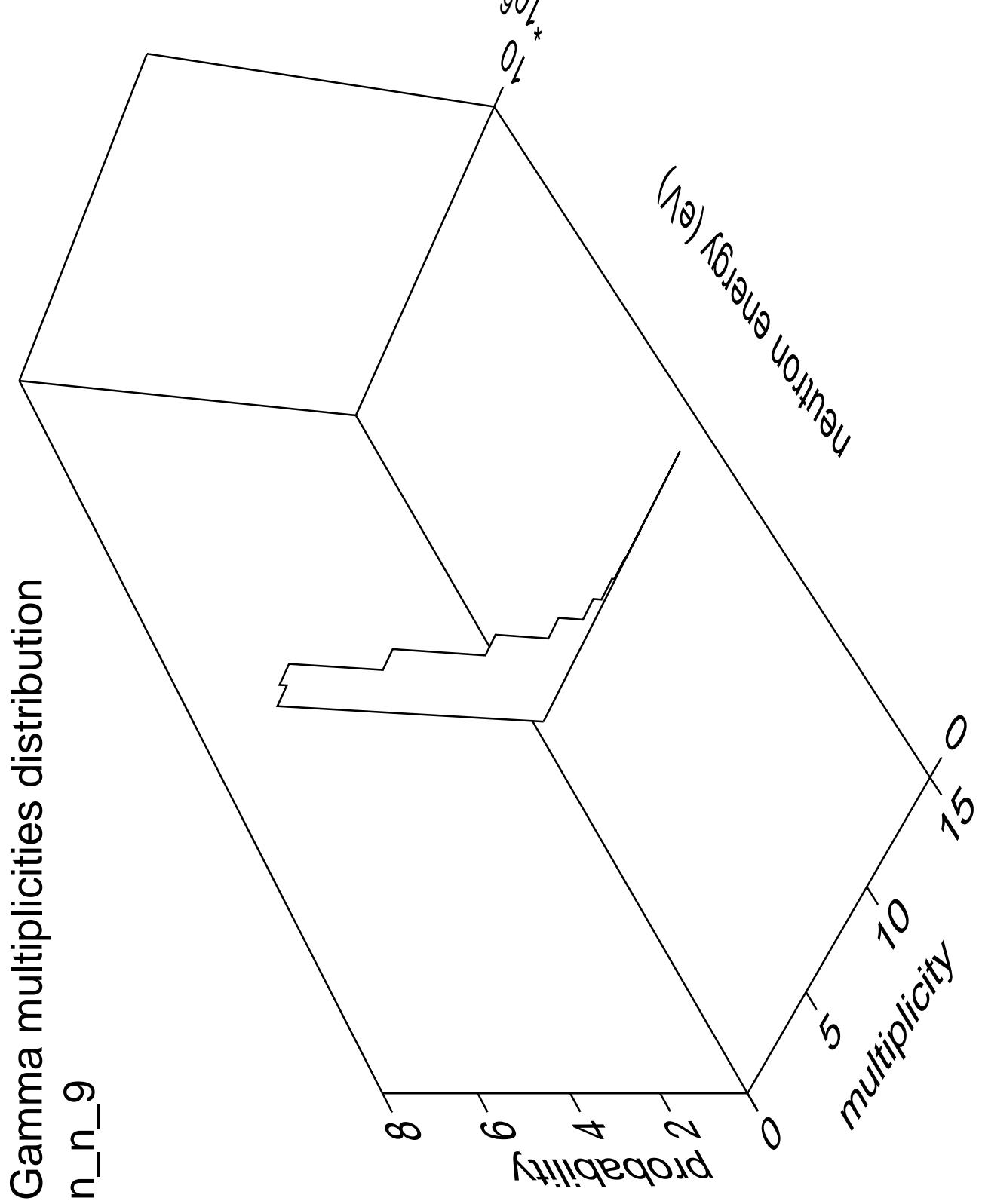




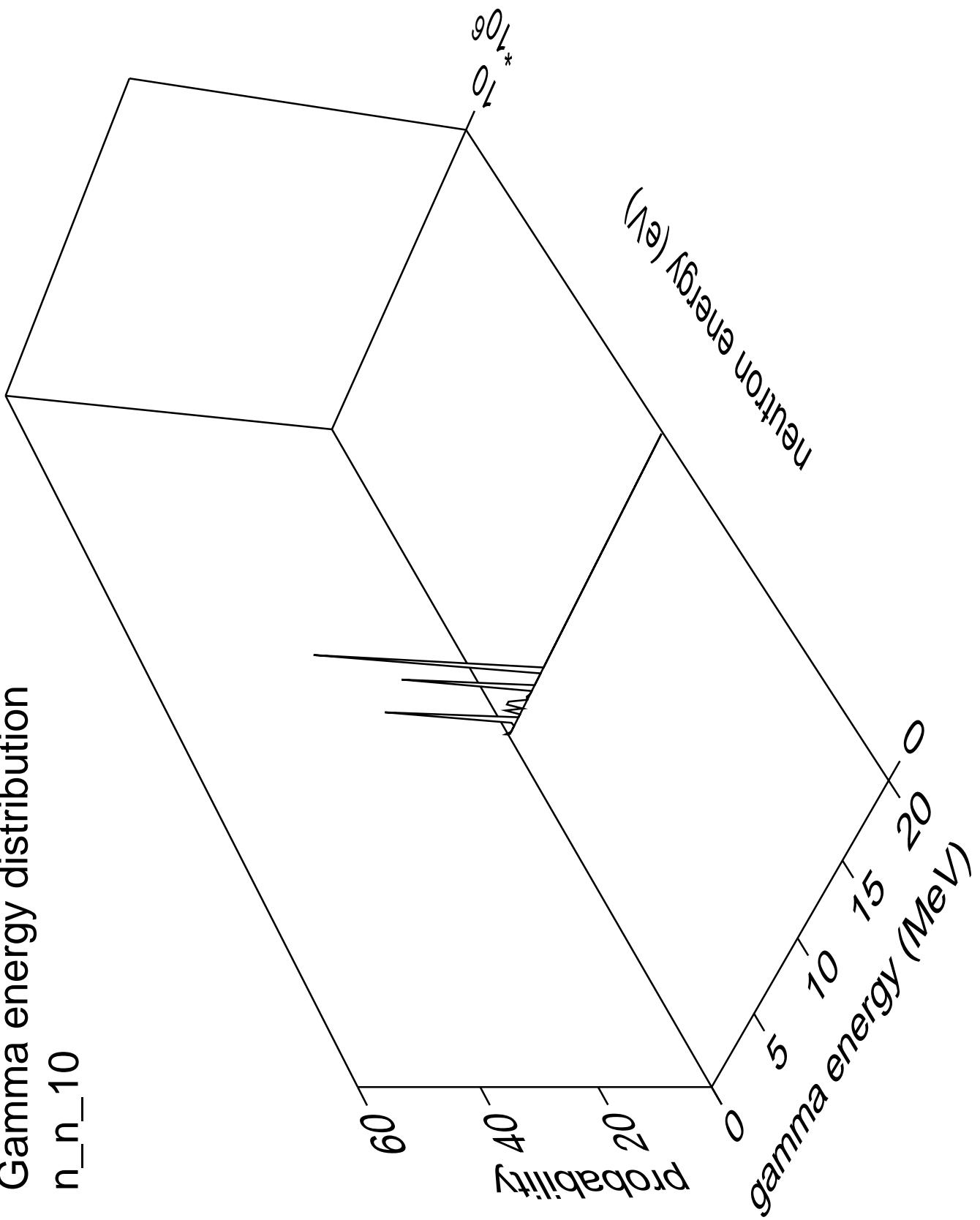
Gamma energy distribution n_n_9

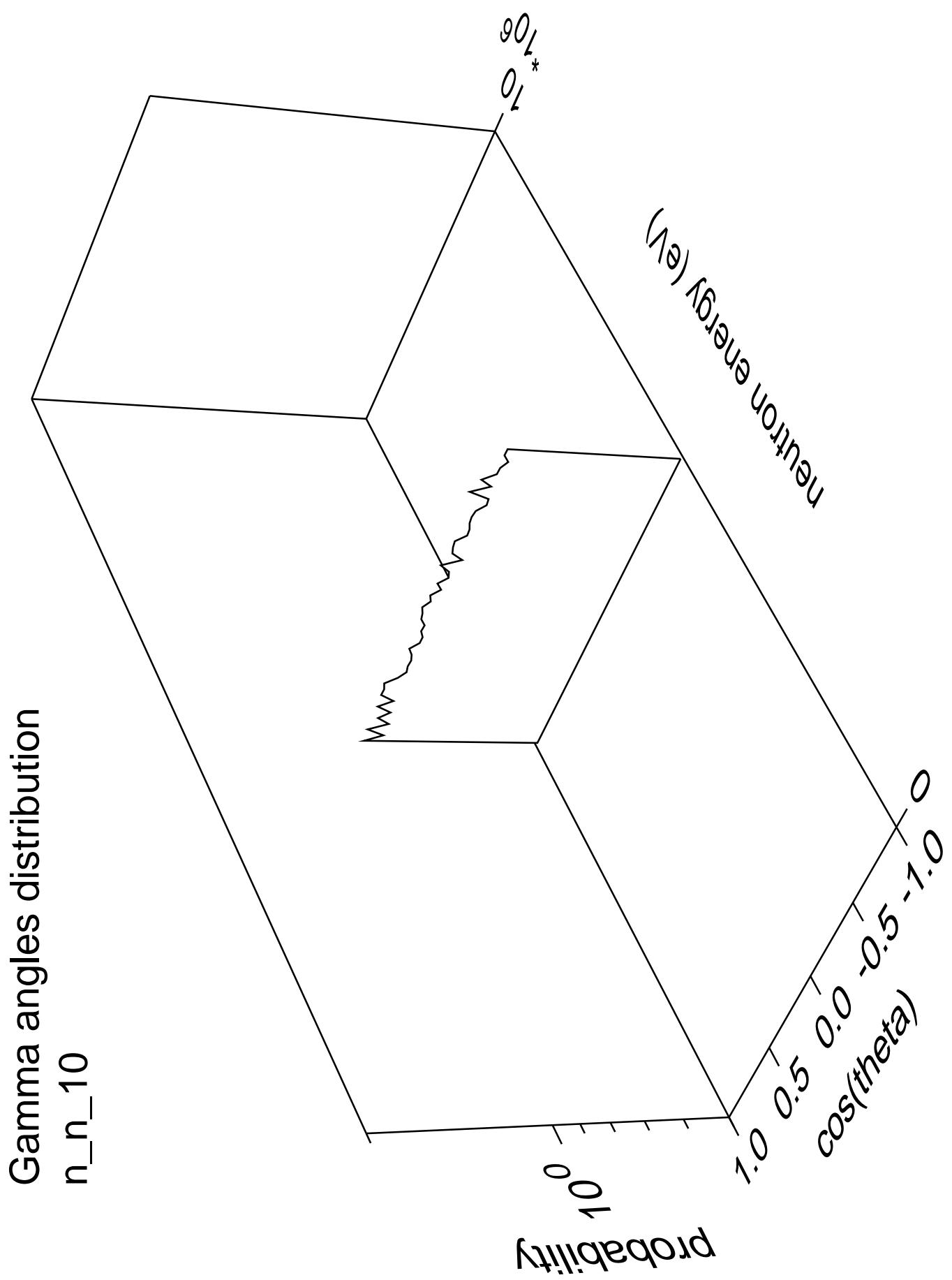


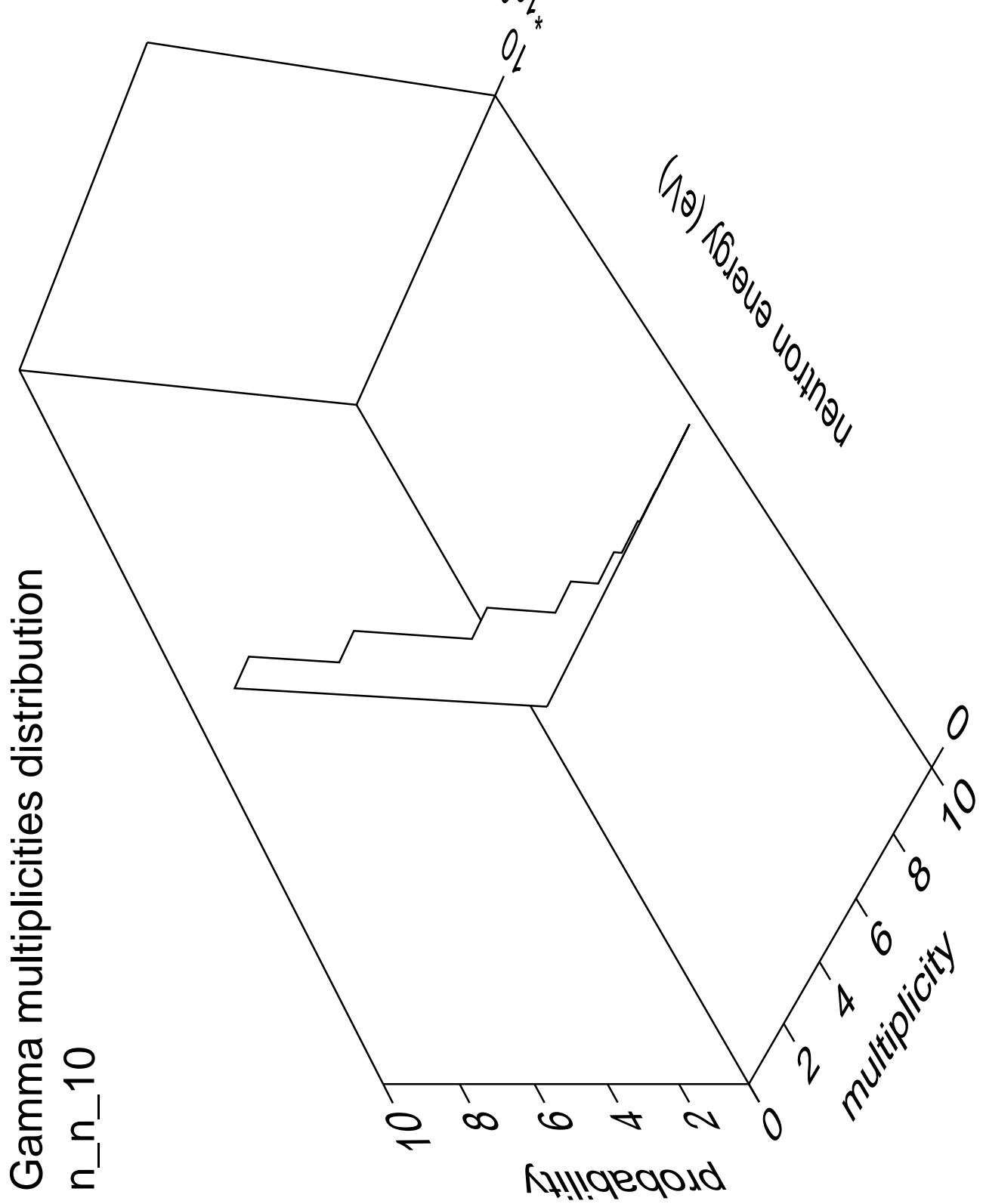




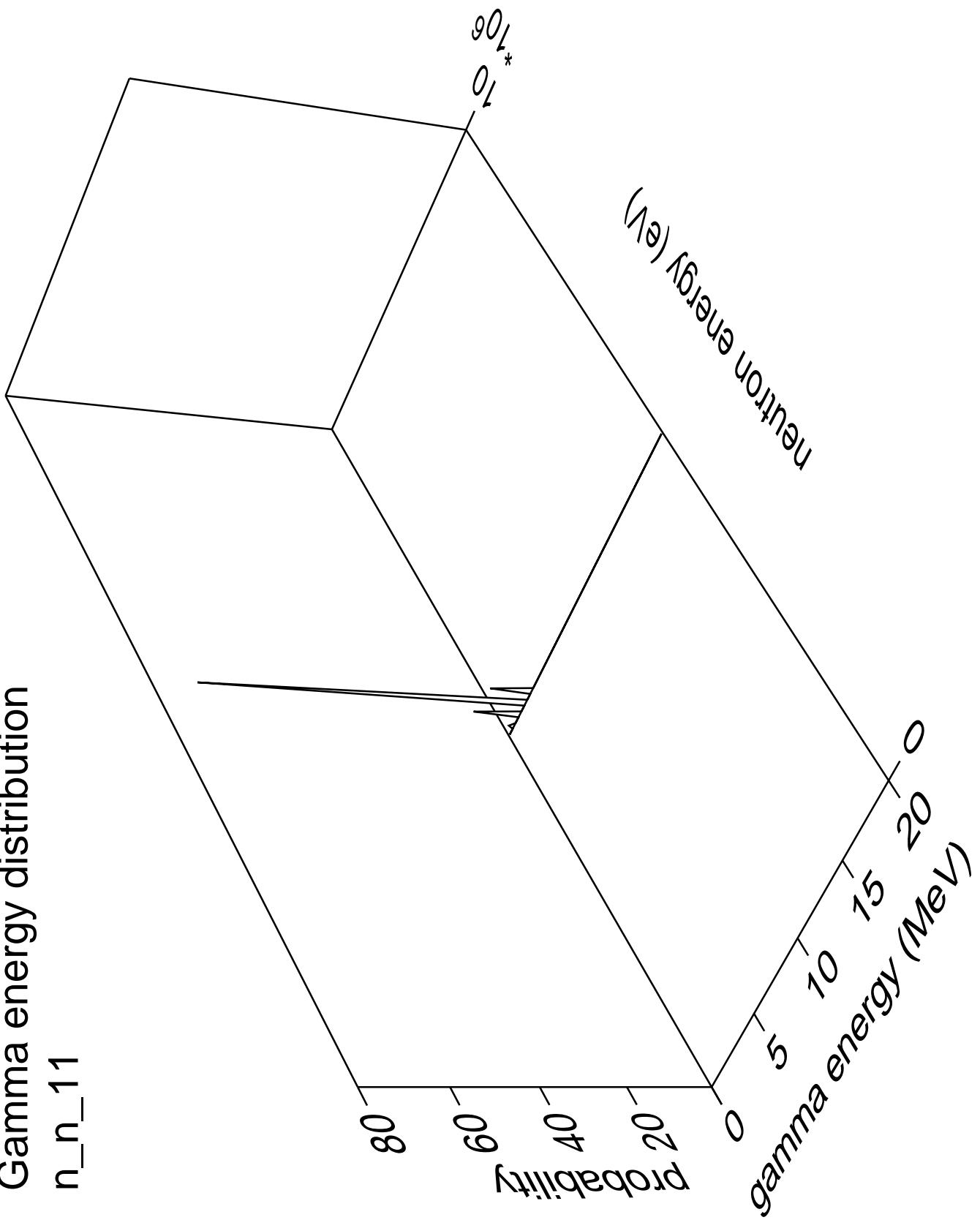
Gamma energy distribution n_n_10







Gamma energy distribution n_n_{11}



Gamma angles distribution

n_n_11

Probability

10^0

10^{10}

10^{100}

neutron energy (eV)

cos(theta)

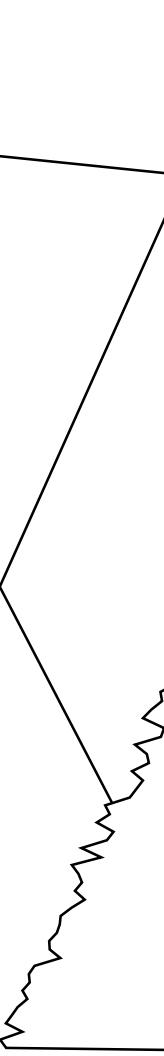
1.0

0.5

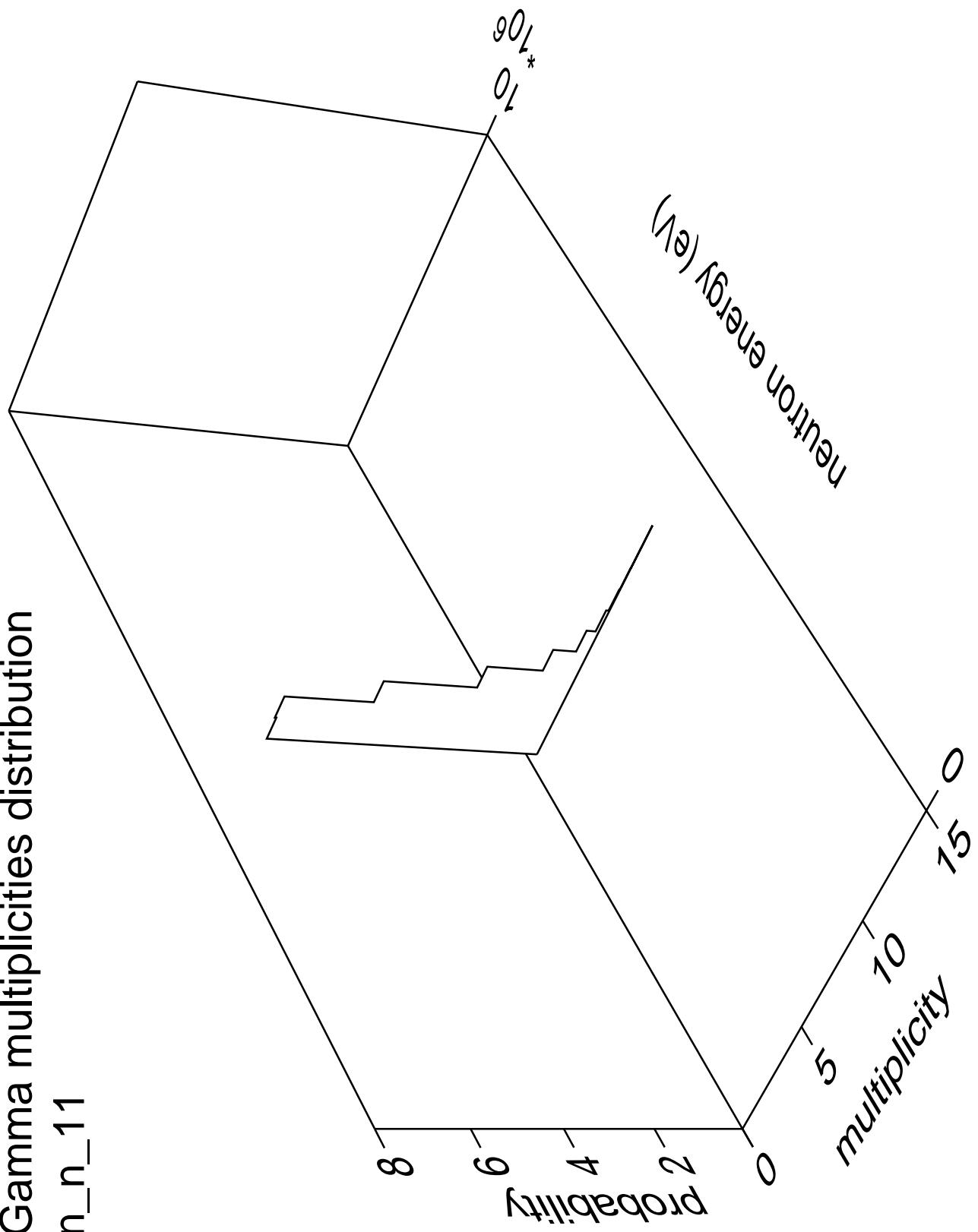
0.0

-0.5

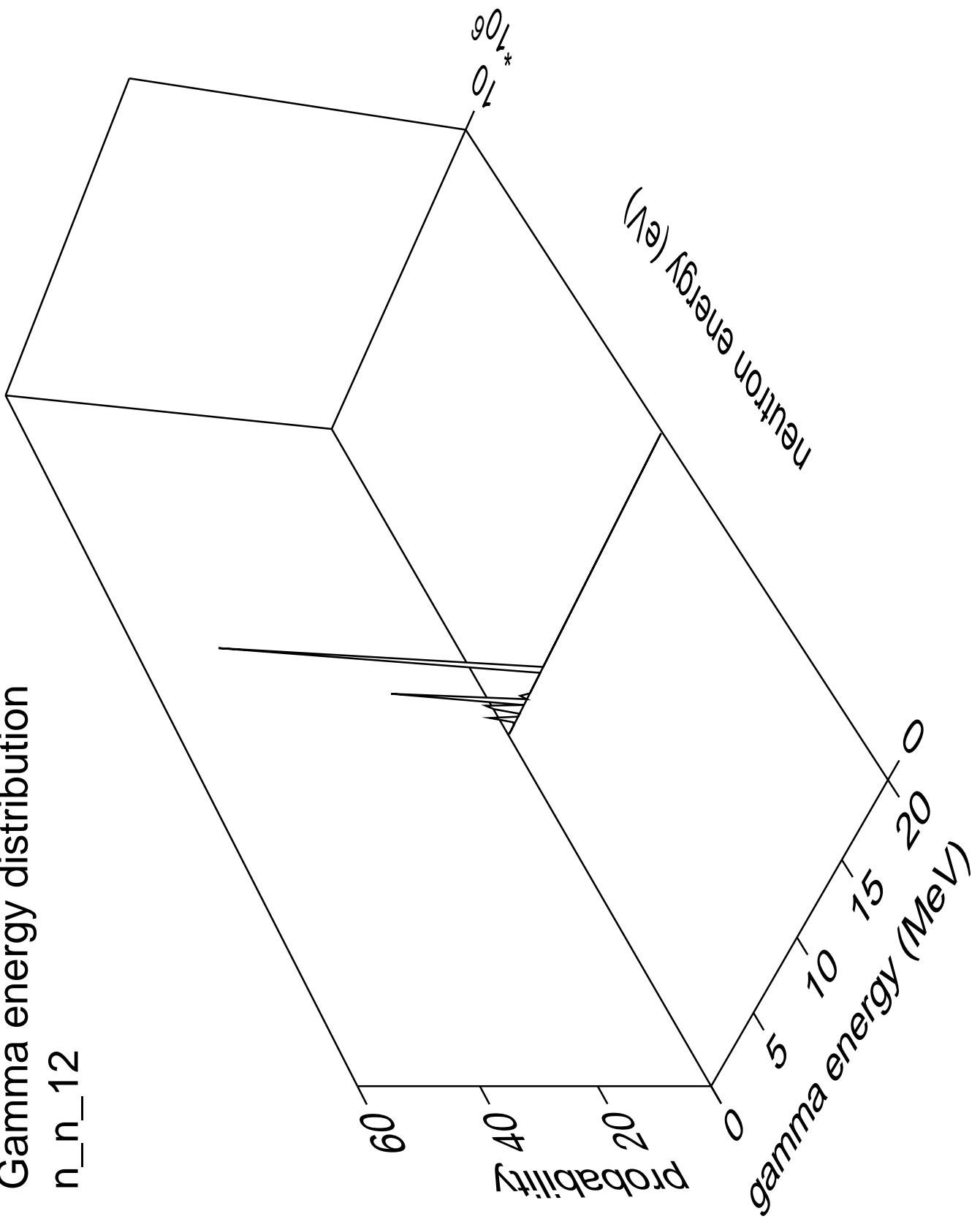
-1.0



Gamma multiplicities distribution n_n_{11}



Gamma energy distribution
n_n_12



Gamma angles distribution

n_{n_12}

Probability

10^0

Neutron energy (eV)

10^{10}

10^{10}

$\cos(\theta)$

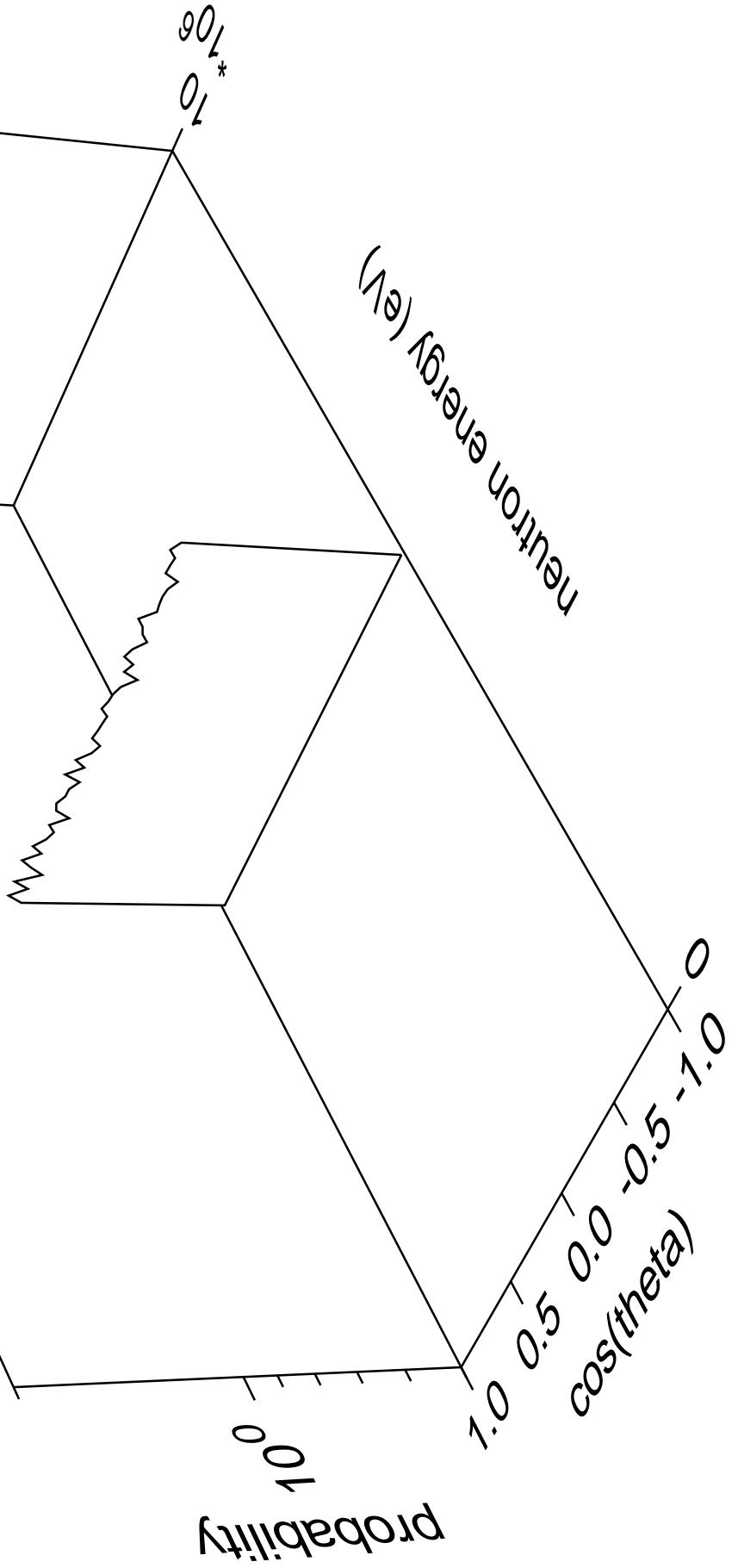
1.0

0.5

0.0

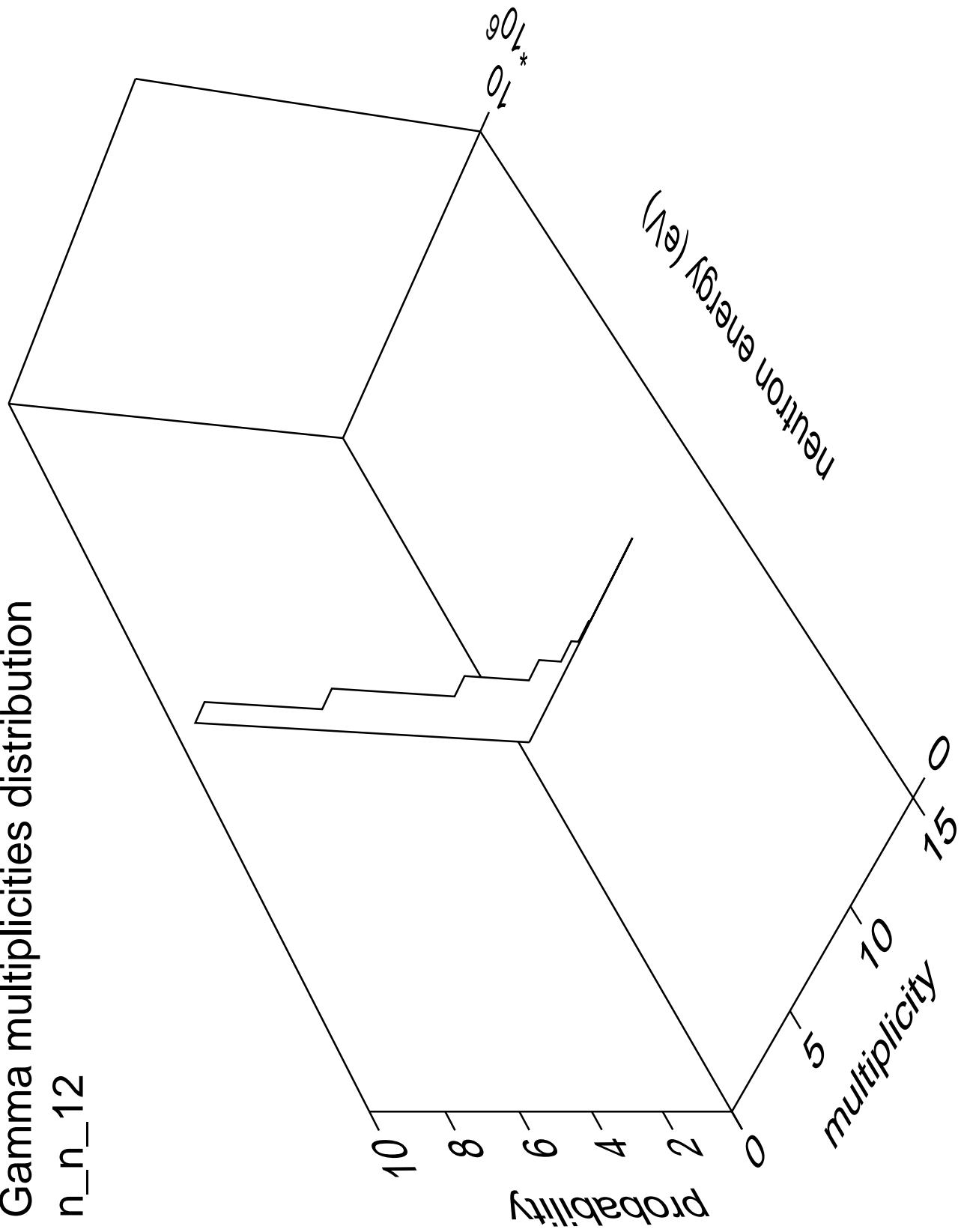
-0.5

-1.0

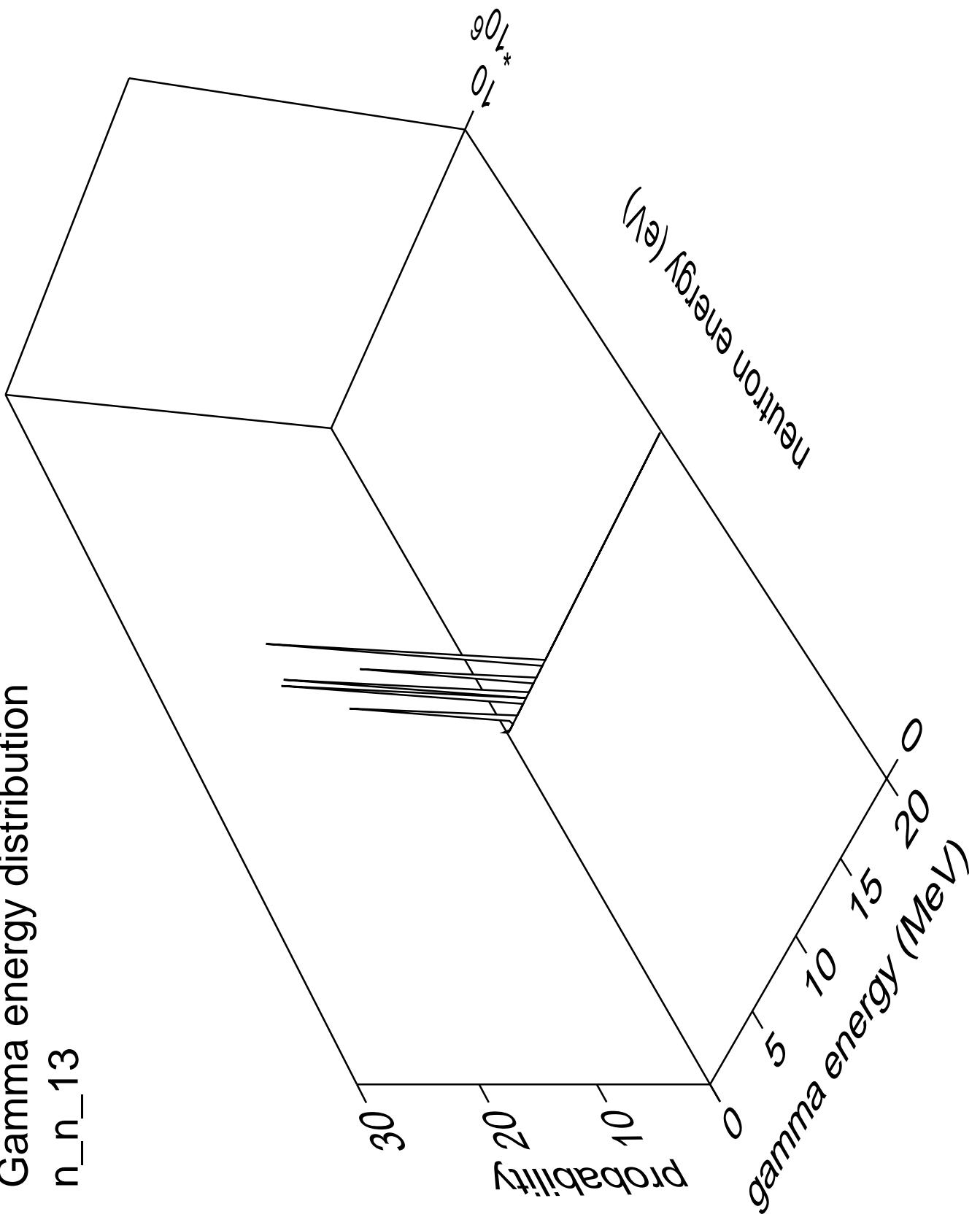


Gamma multiplicities distribution

n_{n_12}



Gamma energy distribution n_n_13



Gamma angles distribution

n_n_13

Probability

10^0

10^{10}

10^{100}

neutron energy (eV)

cos(theta)

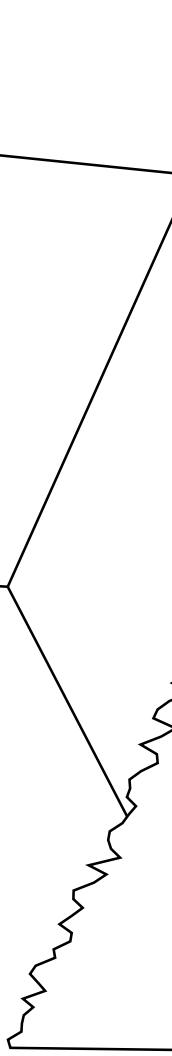
1.0

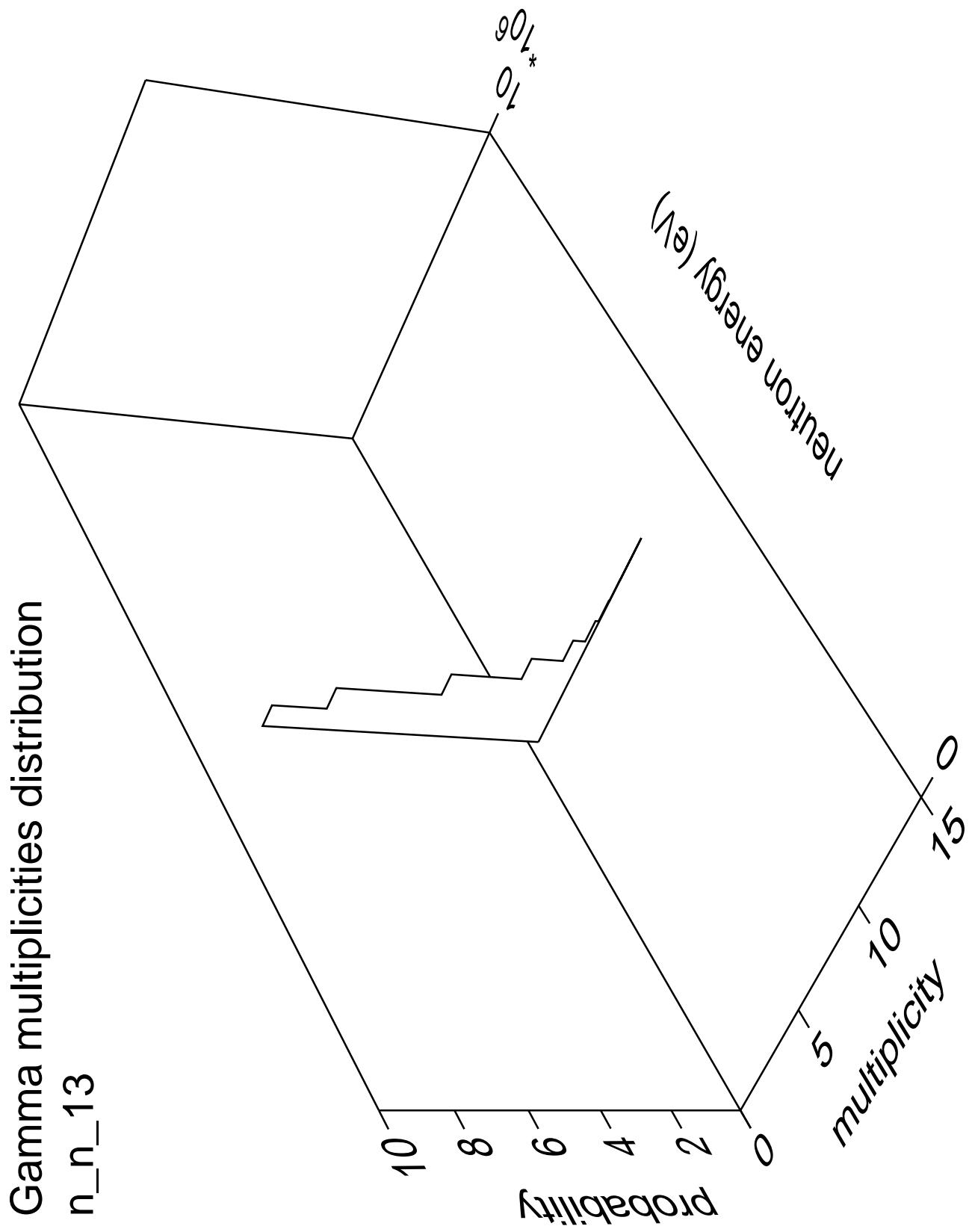
0.5

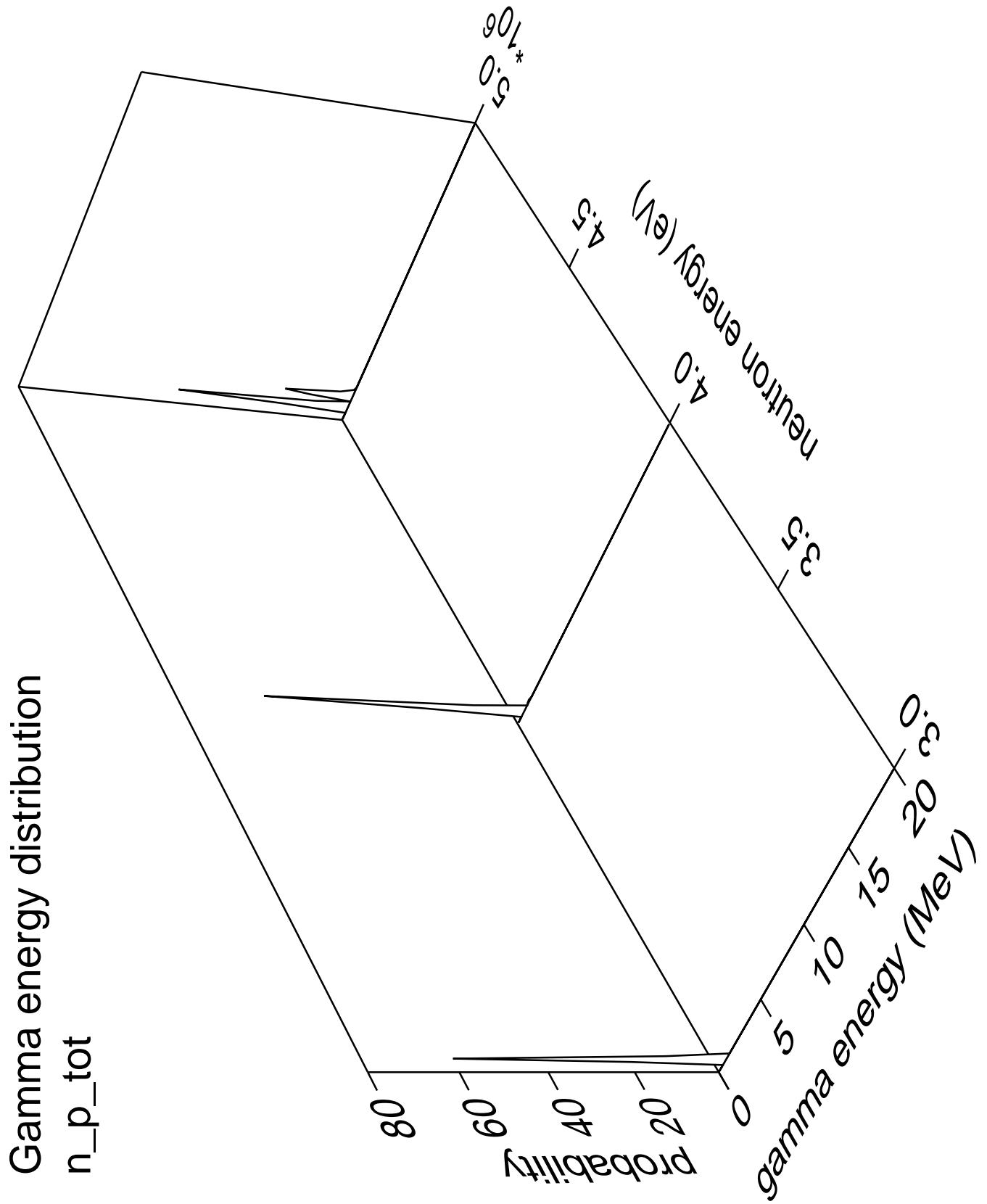
0.0

-0.5

-1.0







Gamma angles distribution

n_p_{tot}

10^1

10^0

Probability

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}

10^{-21}

10^{-22}

10^{-23}

10^{-24}

10^{-25}

10^{-26}

10^{-27}

10^{-28}

10^{-29}

10^{-30}

$1.0 \cdot 10^{-30}$

$0.5 \cdot 10^{-30}$

$0.0 \cdot 10^{-30}$

$-0.5 \cdot 10^{-30}$

$-1.0 \cdot 10^{-30}$

$-1.5 \cdot 10^{-30}$

$-2.0 \cdot 10^{-30}$

$-2.5 \cdot 10^{-30}$

$-3.0 \cdot 10^{-30}$

$-3.5 \cdot 10^{-30}$

$-4.0 \cdot 10^{-30}$

$-4.5 \cdot 10^{-30}$

$-5.0 \cdot 10^{-30}$

$-5.5 \cdot 10^{-30}$

$-6.0 \cdot 10^{-30}$

$-6.5 \cdot 10^{-30}$

$-7.0 \cdot 10^{-30}$

$-7.5 \cdot 10^{-30}$

$-8.0 \cdot 10^{-30}$

$-8.5 \cdot 10^{-30}$

$-9.0 \cdot 10^{-30}$

$-9.5 \cdot 10^{-30}$

$-10.0 \cdot 10^{-30}$

neutron energy (eV)

$4.0 \cdot 10^{-1}$

$4.5 \cdot 10^{-1}$

$5.0 \cdot 10^{-1}$

$5.5 \cdot 10^{-1}$

$6.0 \cdot 10^{-1}$

$6.5 \cdot 10^{-1}$

$7.0 \cdot 10^{-1}$

$7.5 \cdot 10^{-1}$

$8.0 \cdot 10^{-1}$

$8.5 \cdot 10^{-1}$

$9.0 \cdot 10^{-1}$

$9.5 \cdot 10^{-1}$

$10.0 \cdot 10^{-1}$

$10.5 \cdot 10^{-1}$

$11.0 \cdot 10^{-1}$

$11.5 \cdot 10^{-1}$

$12.0 \cdot 10^{-1}$

$12.5 \cdot 10^{-1}$

$13.0 \cdot 10^{-1}$

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$14.0 \cdot 10^{-1}$

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$15.0 \cdot 10^{-1}$

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$90.5 \cdot 10^{-1}$

$91.0 \cdot 10^{-1}$

$91.5 \cdot 10^{-1}$

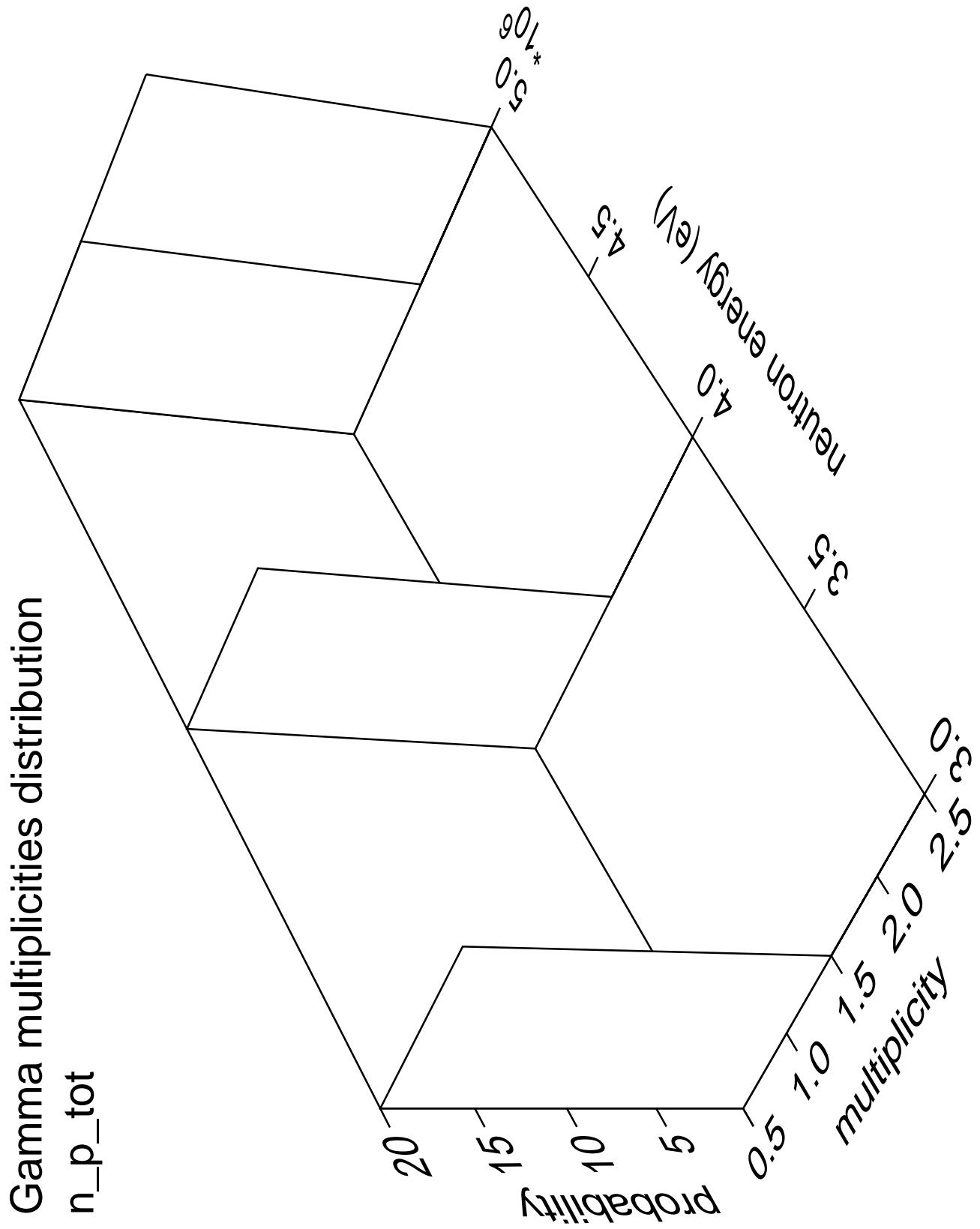
$92.0 \cdot 10^{-1}$

$92.5 \cdot 10^{-1}$

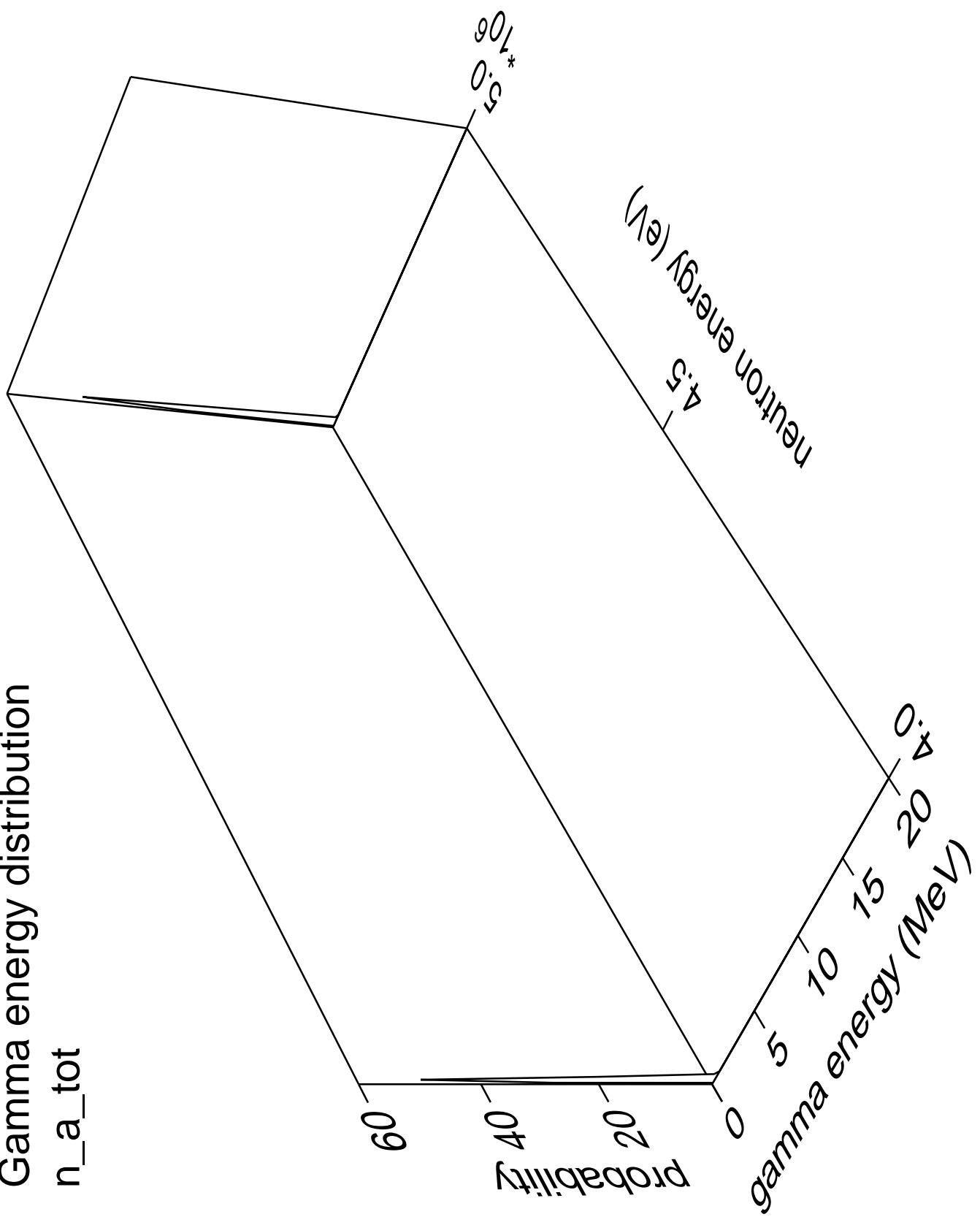
$93.0 \cdot 10^{-1}$

$93.5 \cdot 10^{-1}$

$94.0 \cdot 10^{-1}$



Gamma energy distribution
 n_a_{tot}



Gamma angles distribution

n_a_{tot}

Probability

10^0

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

neutron energy (eV)

4.5

3.0

1.5

10^0

0.5

0.0

-0.5

-1.0

