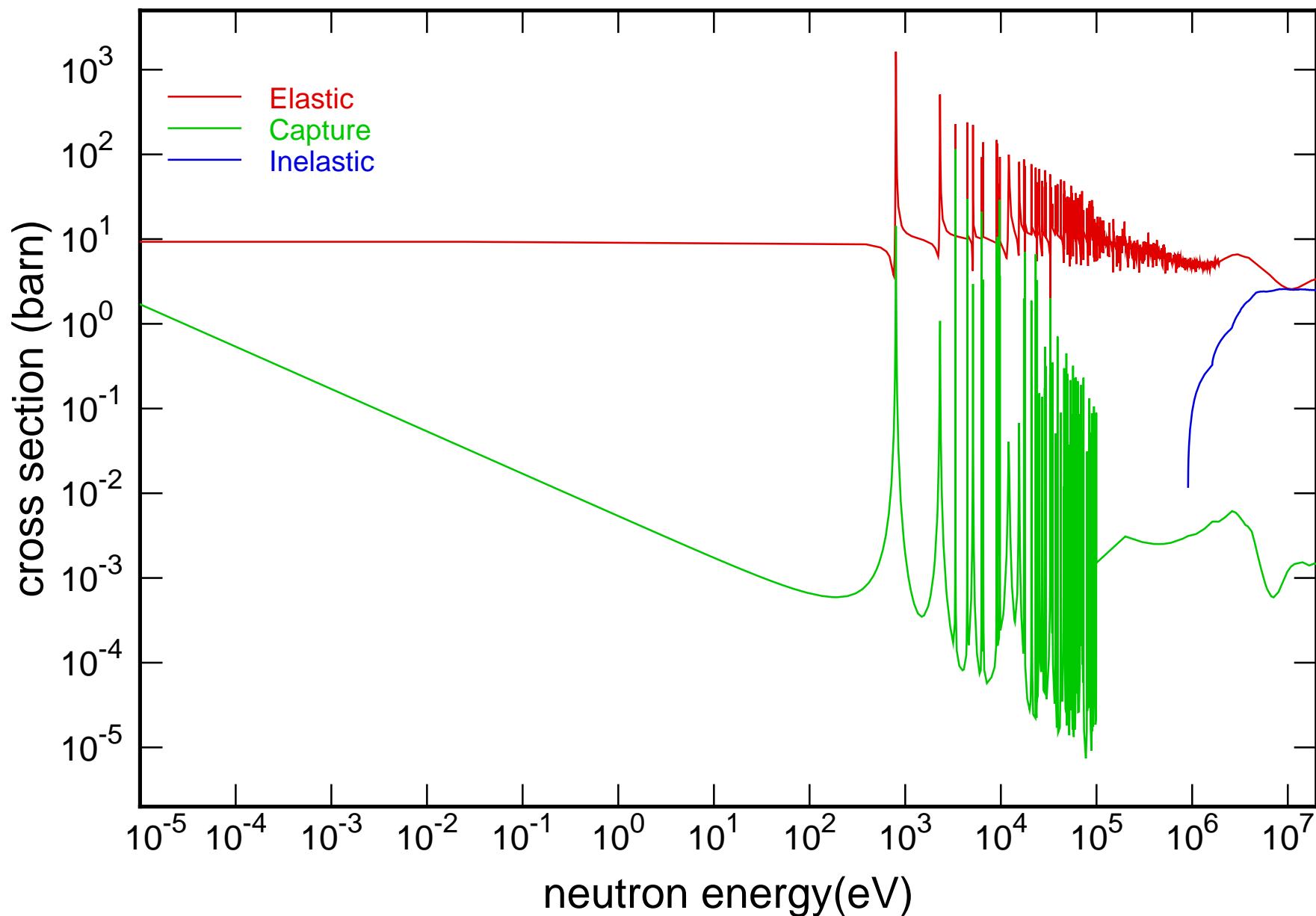
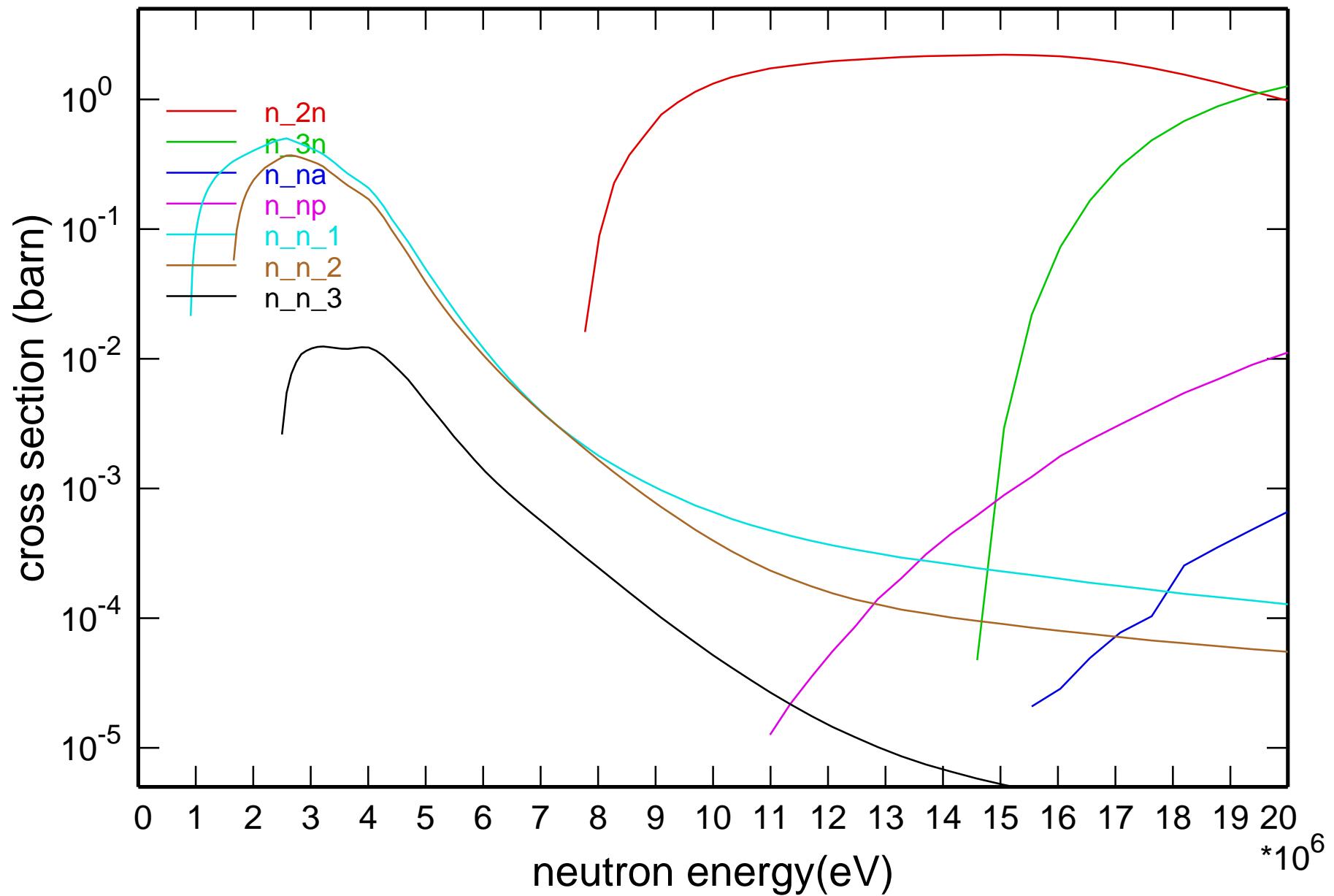


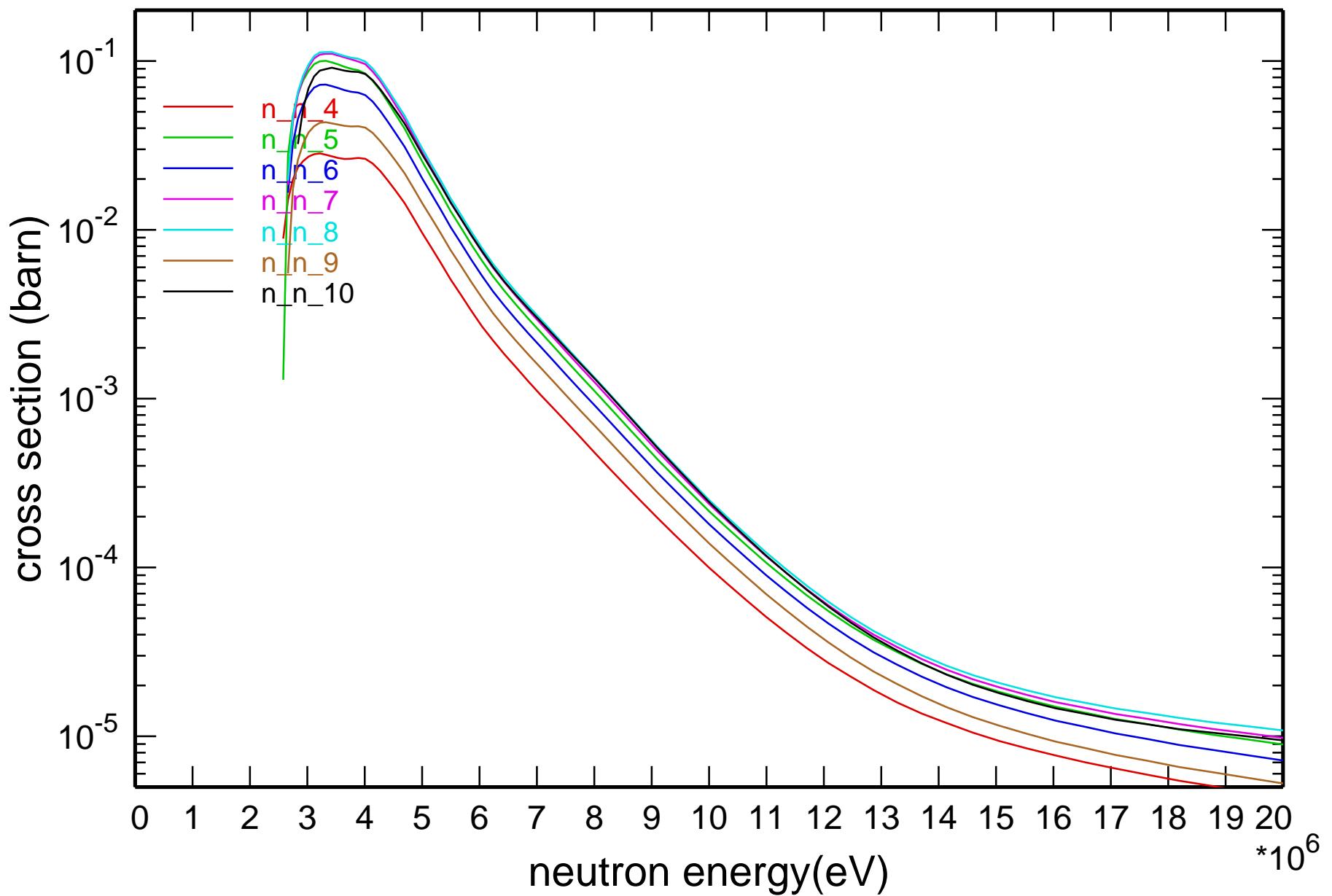
Main Cross Sections



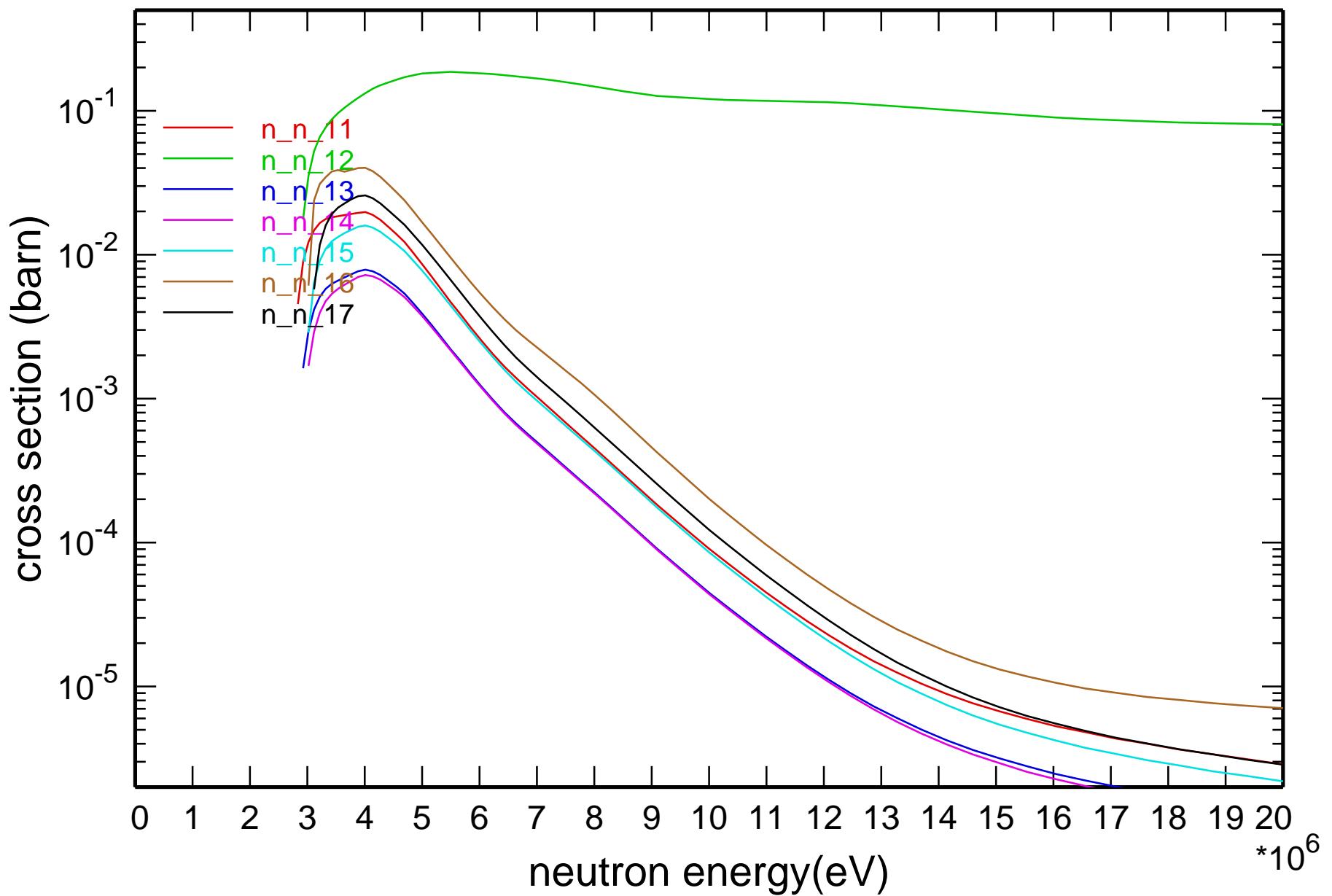
Cross Section

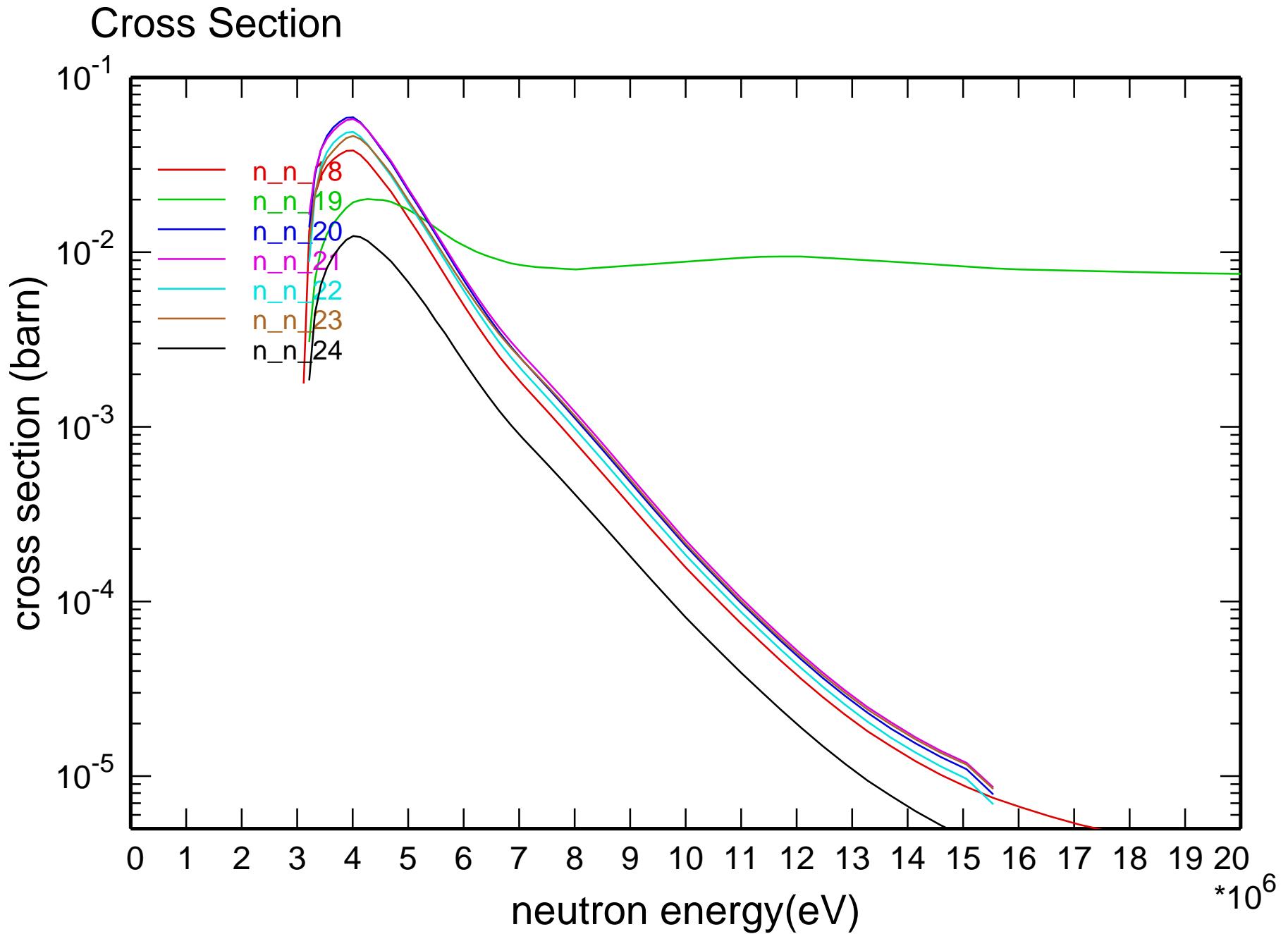


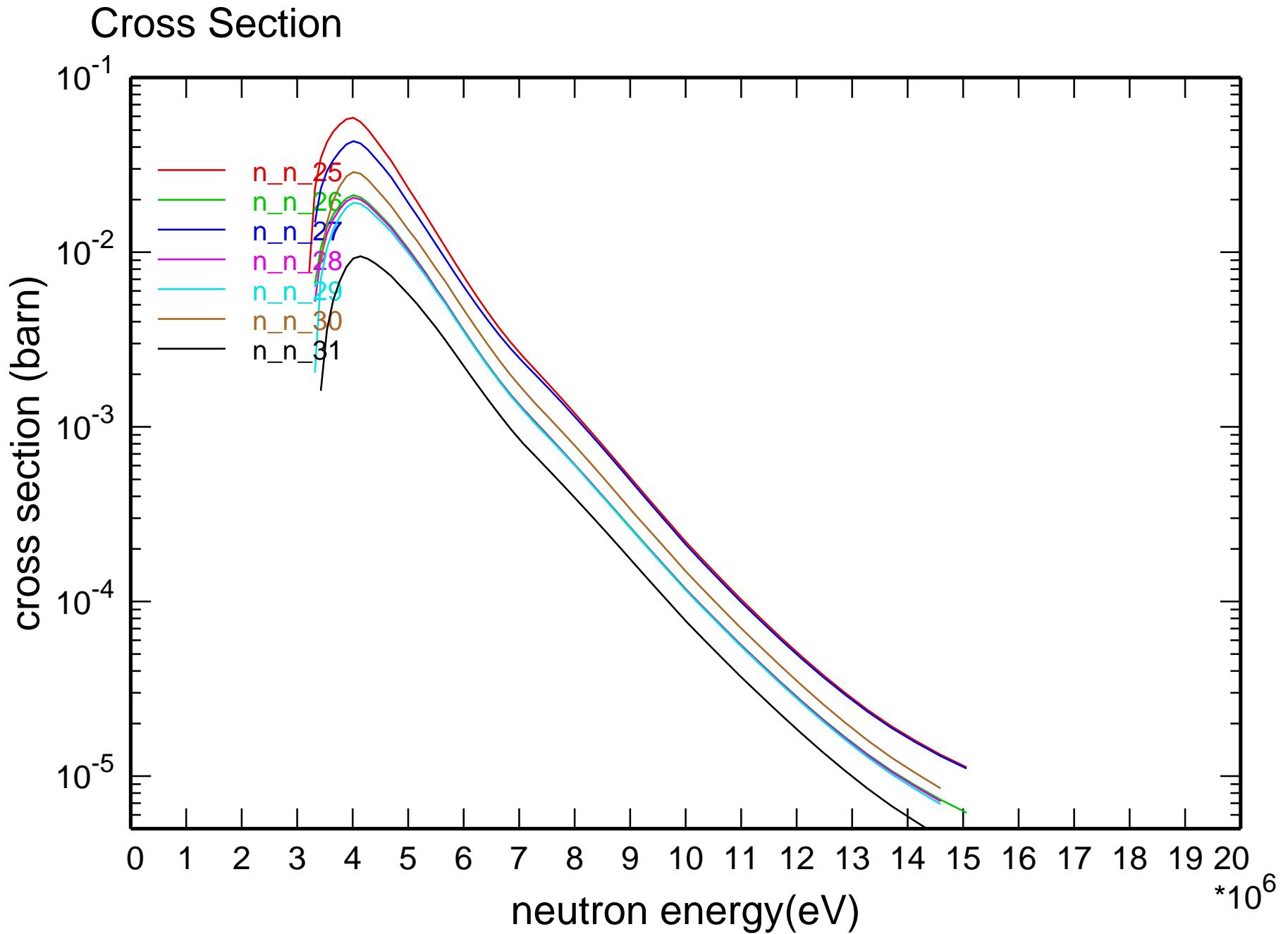
Cross Section



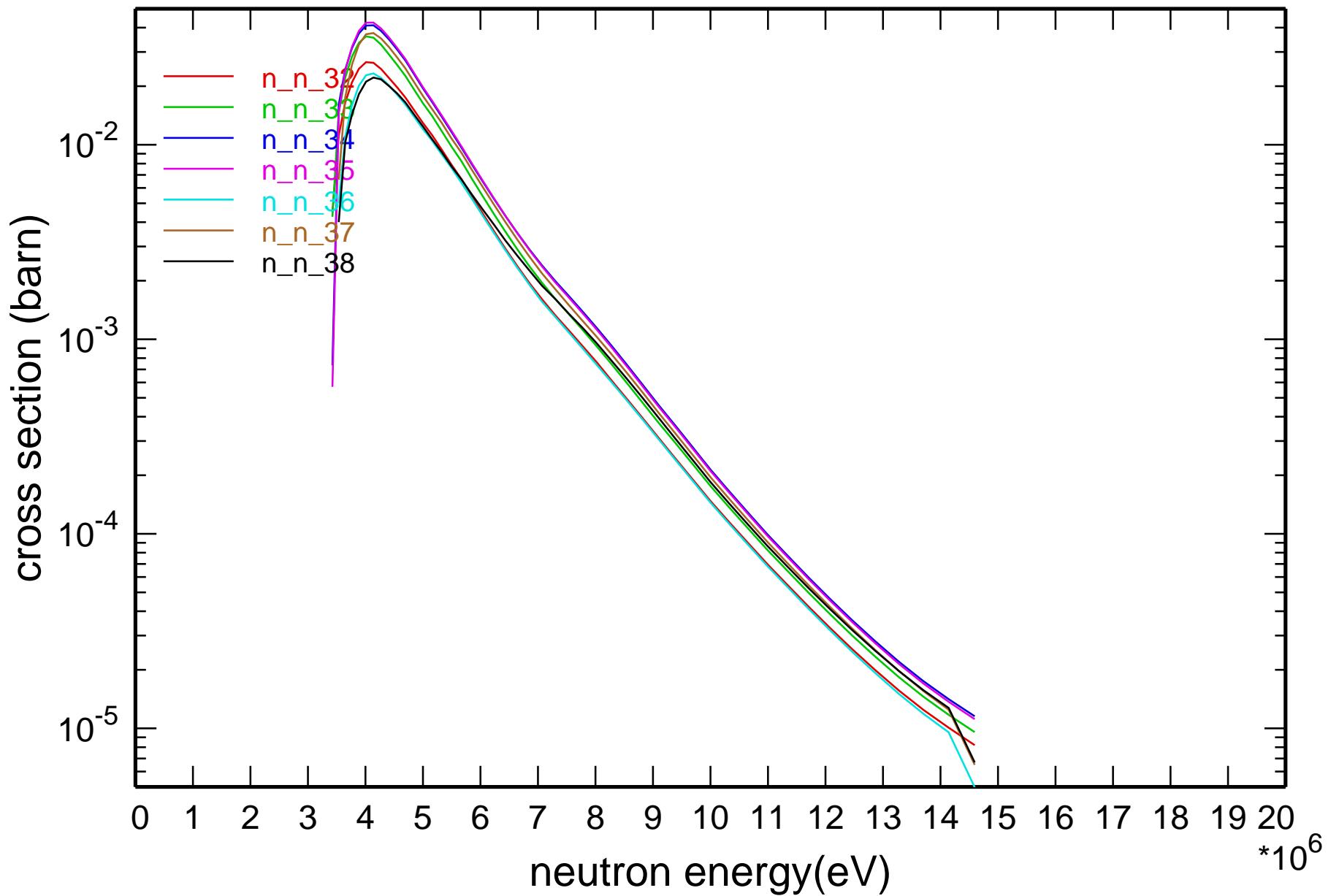
Cross Section



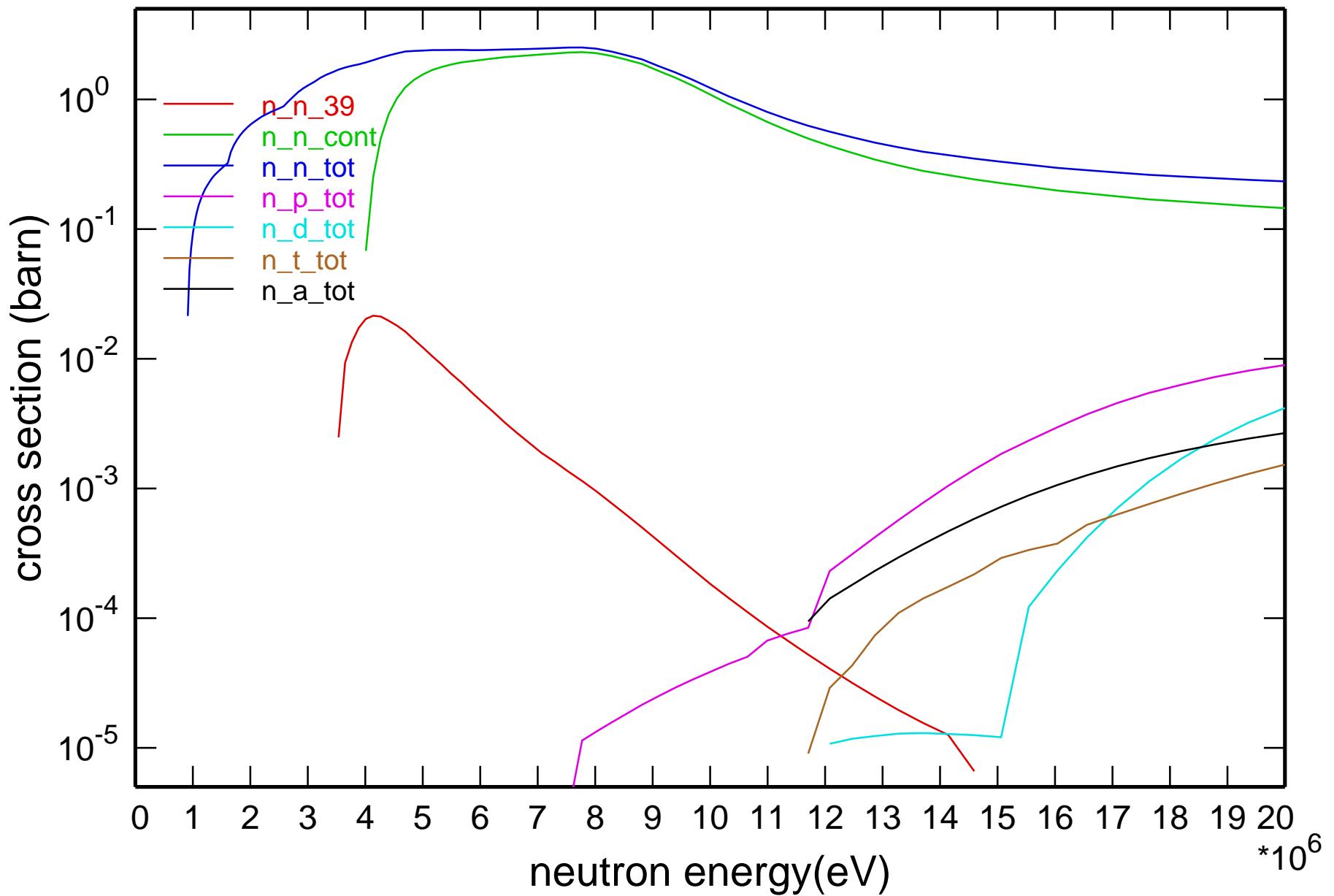


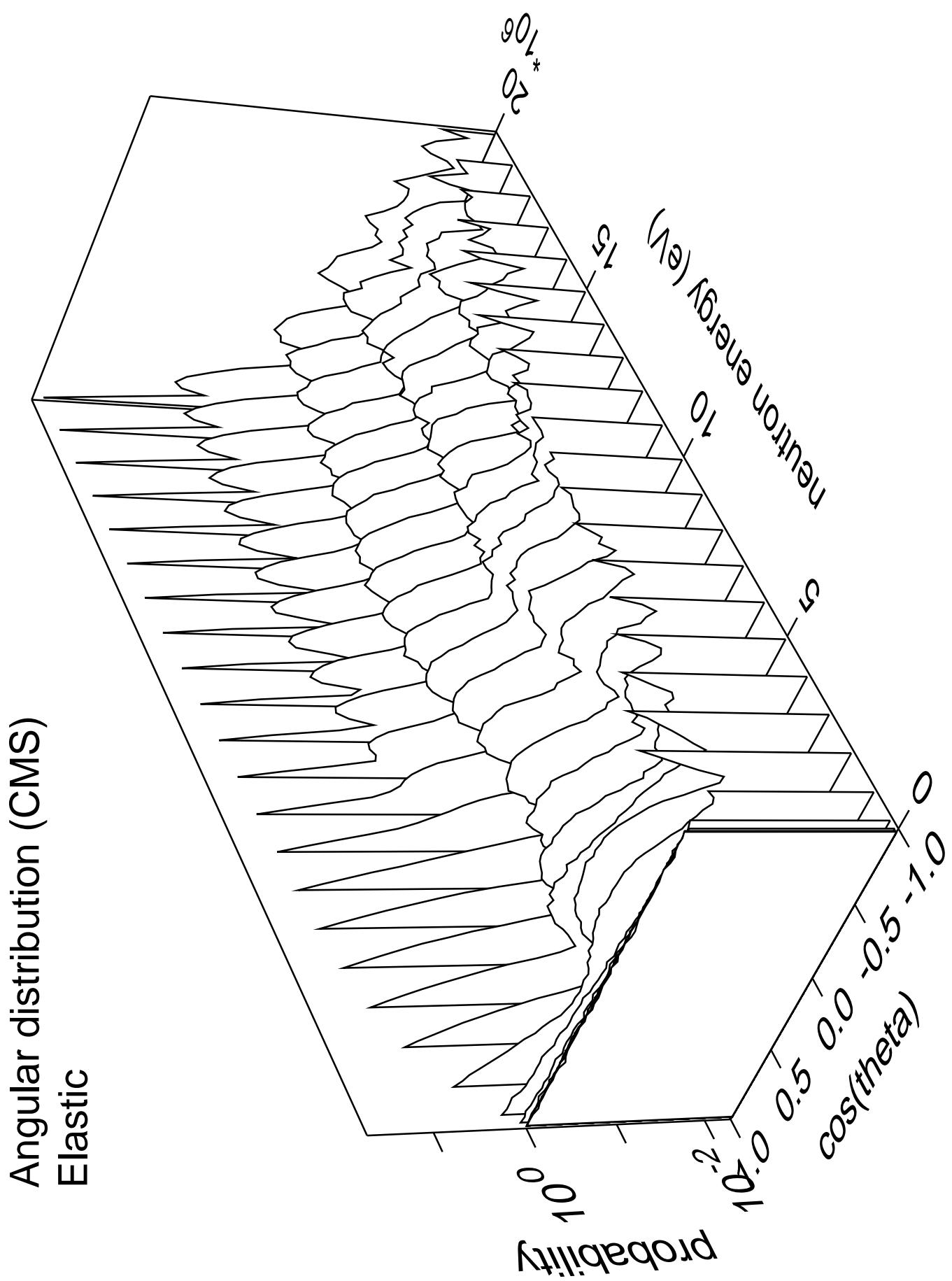


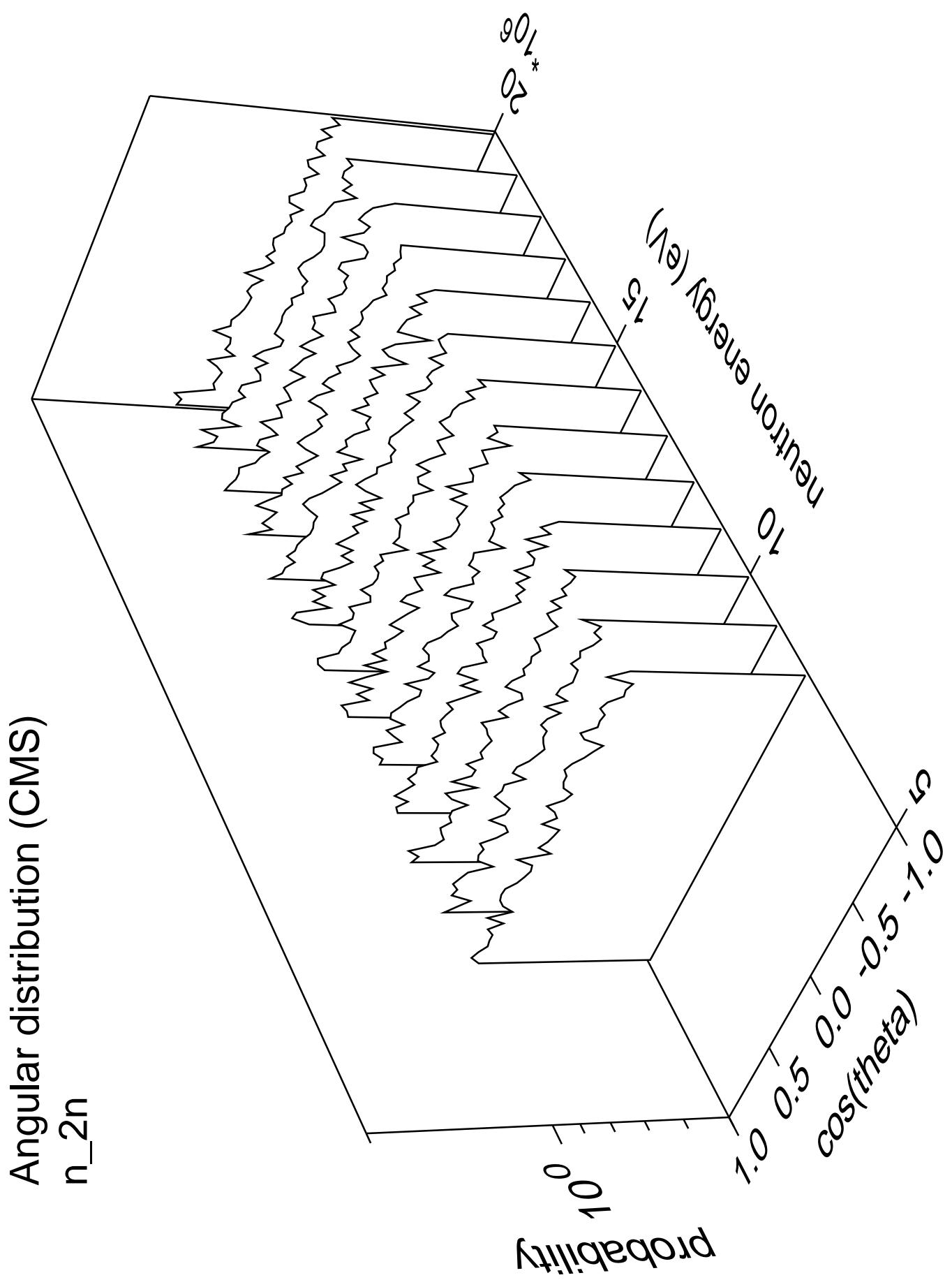
Cross Section

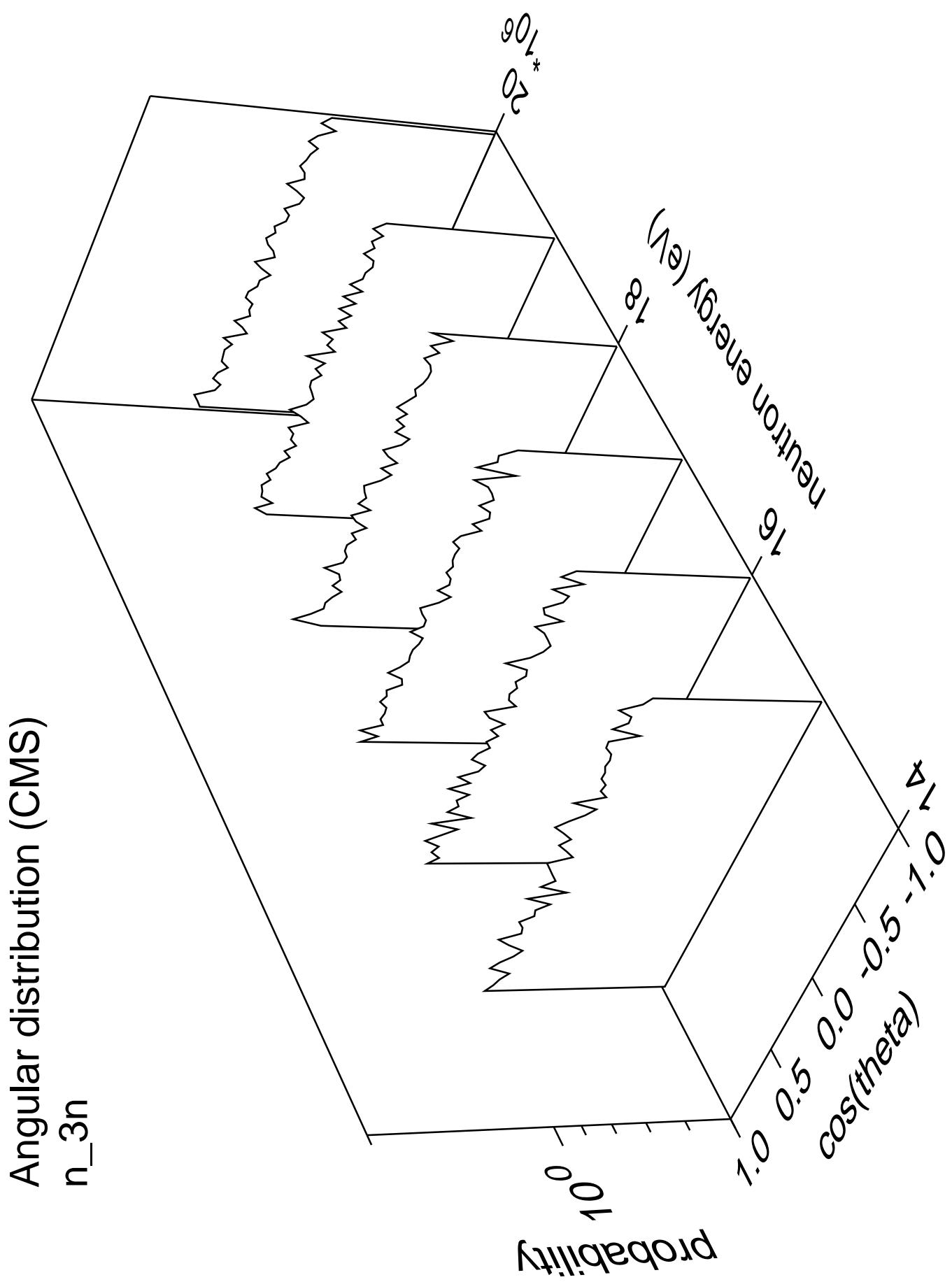


Cross Section

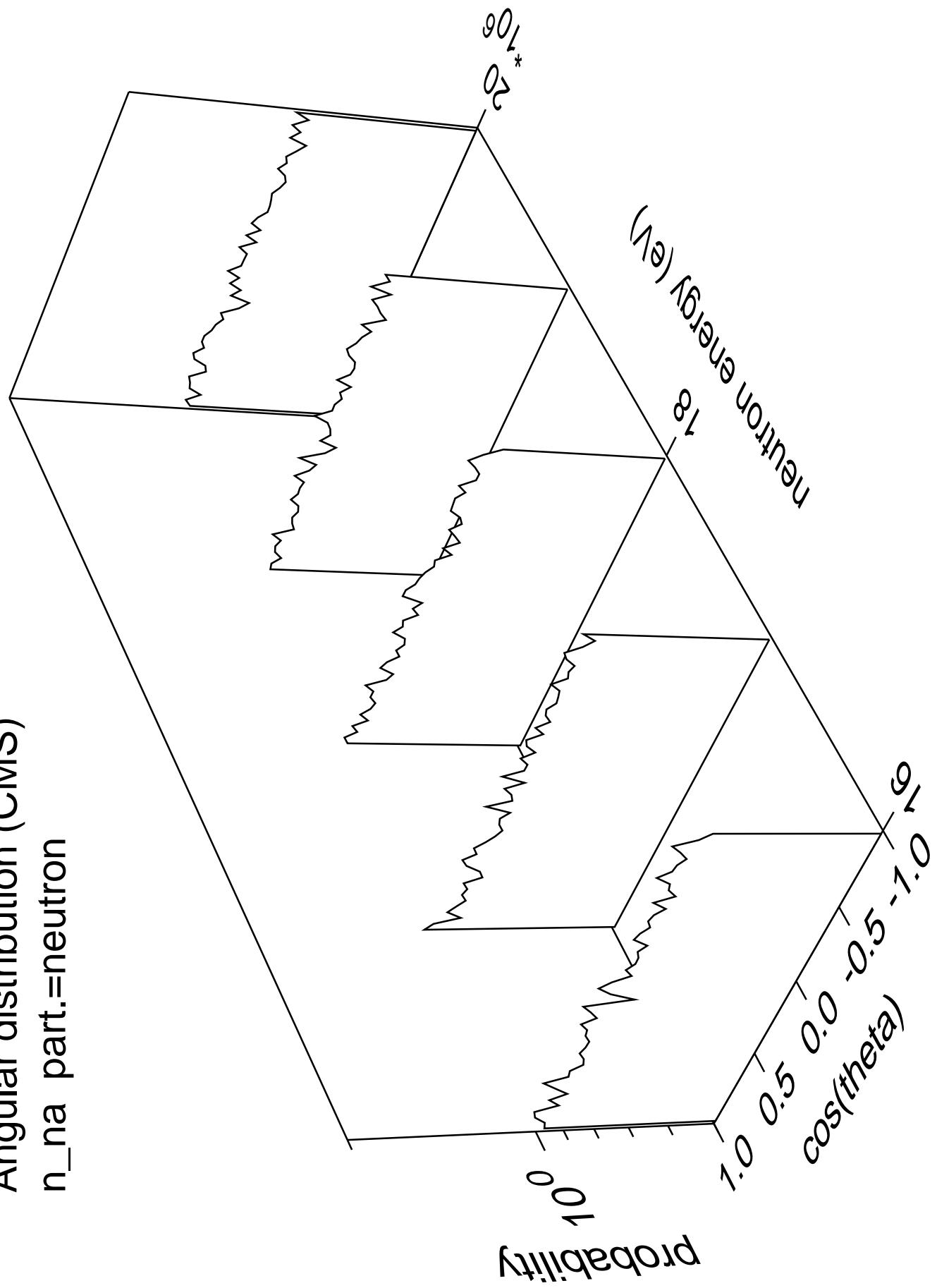




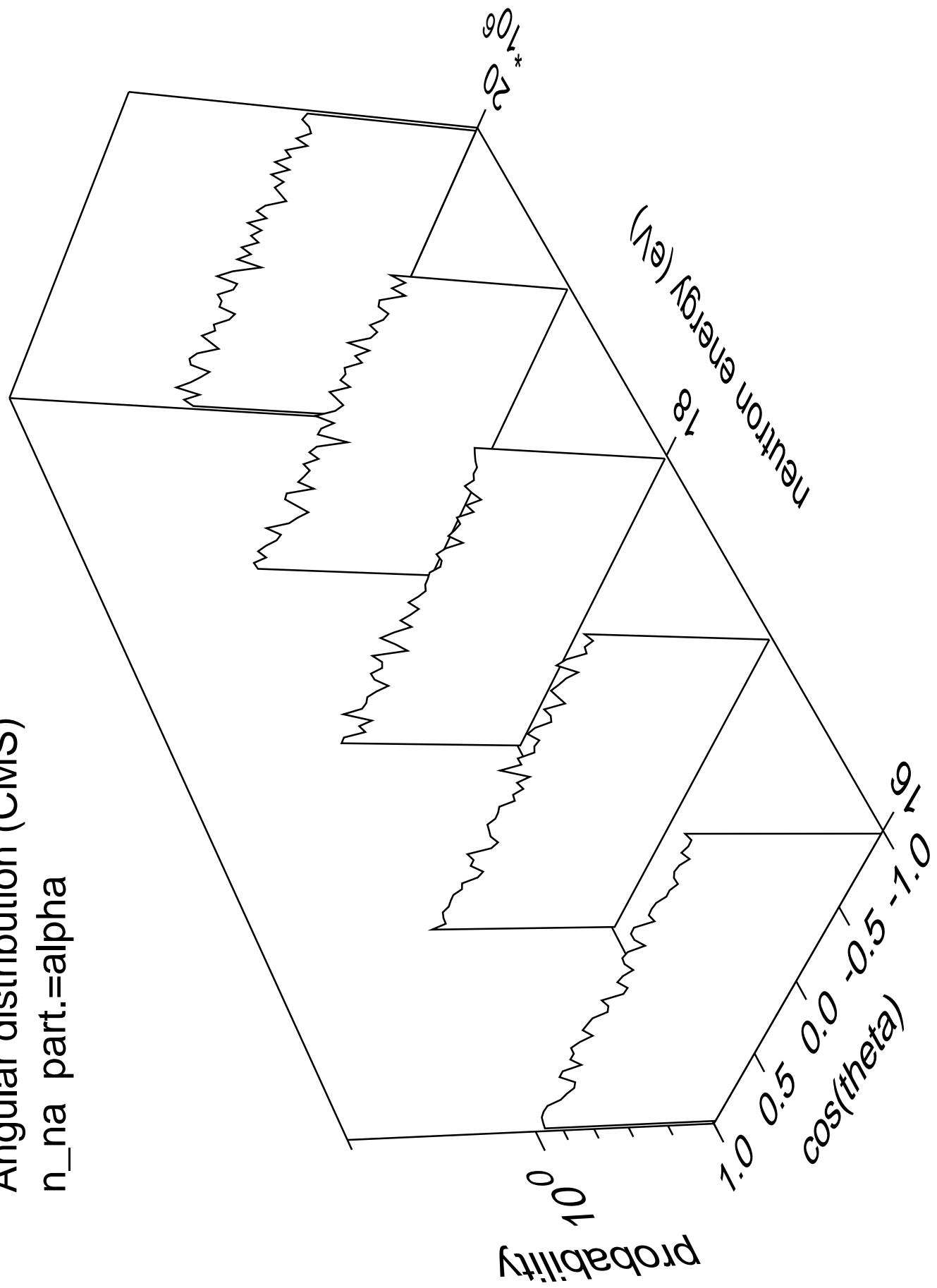




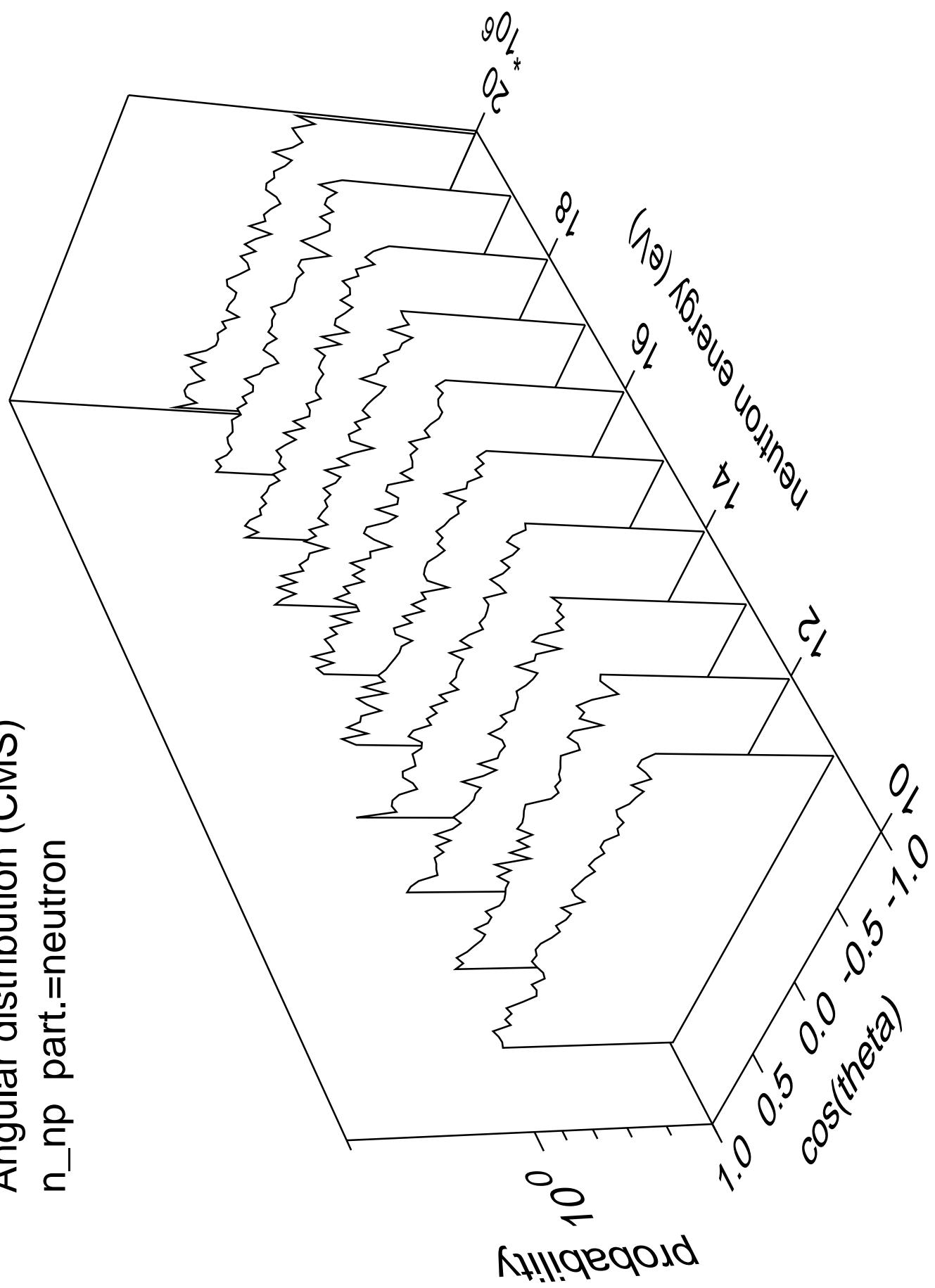
Angular distribution (CMS)
 n_{na} part.=neutron



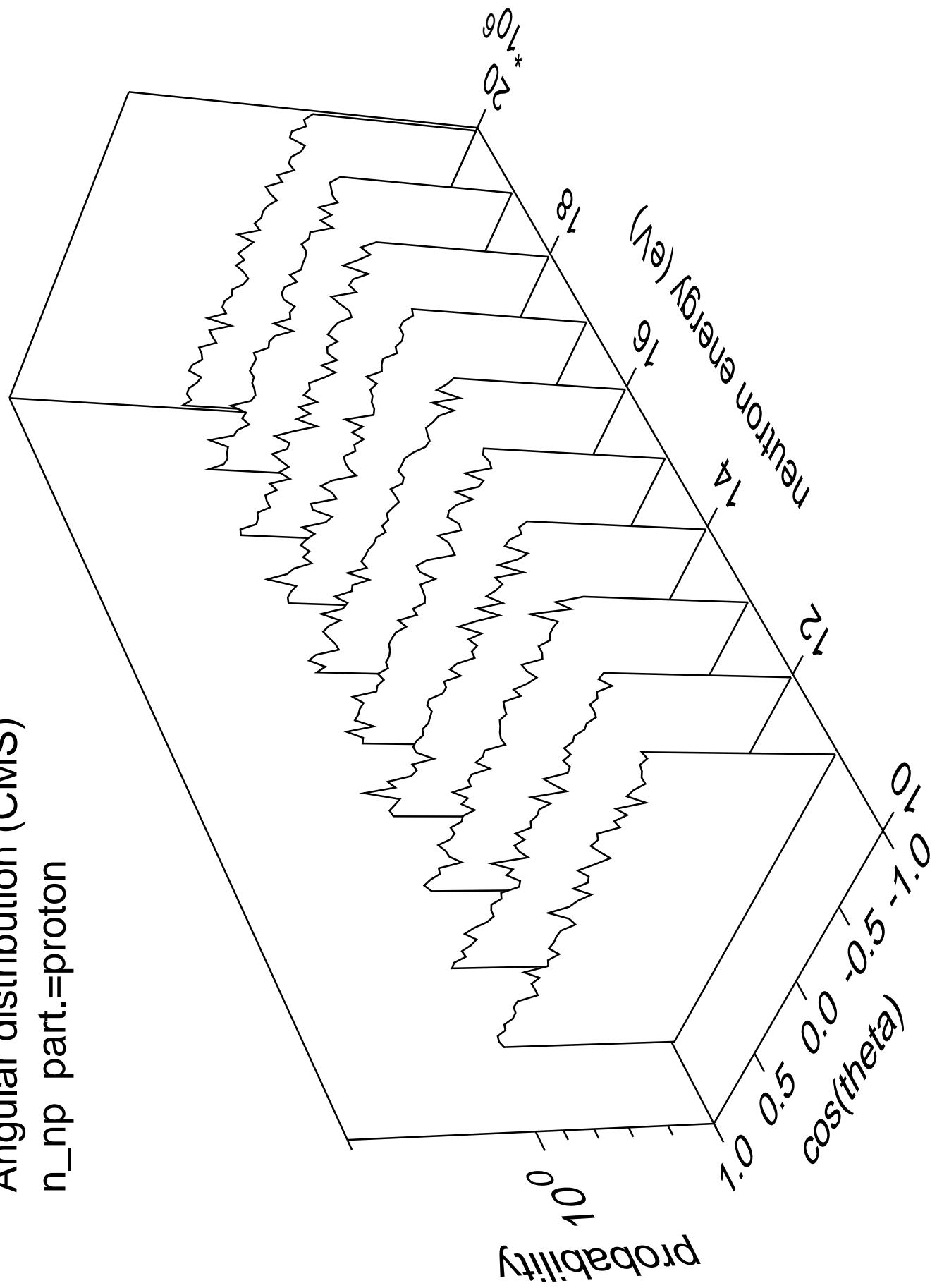
Angular distribution (CMS)
 n_{na} part.=alpha

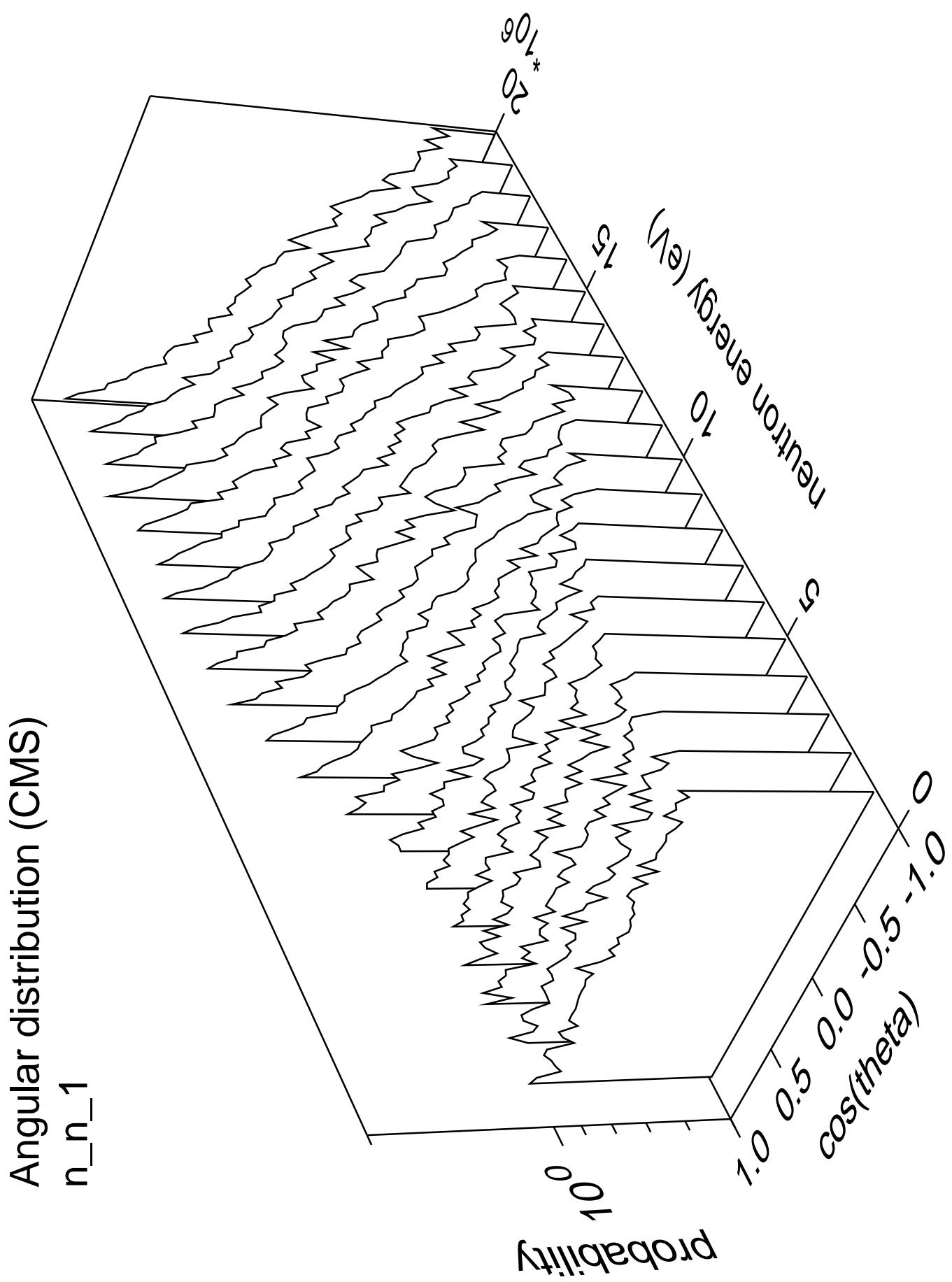


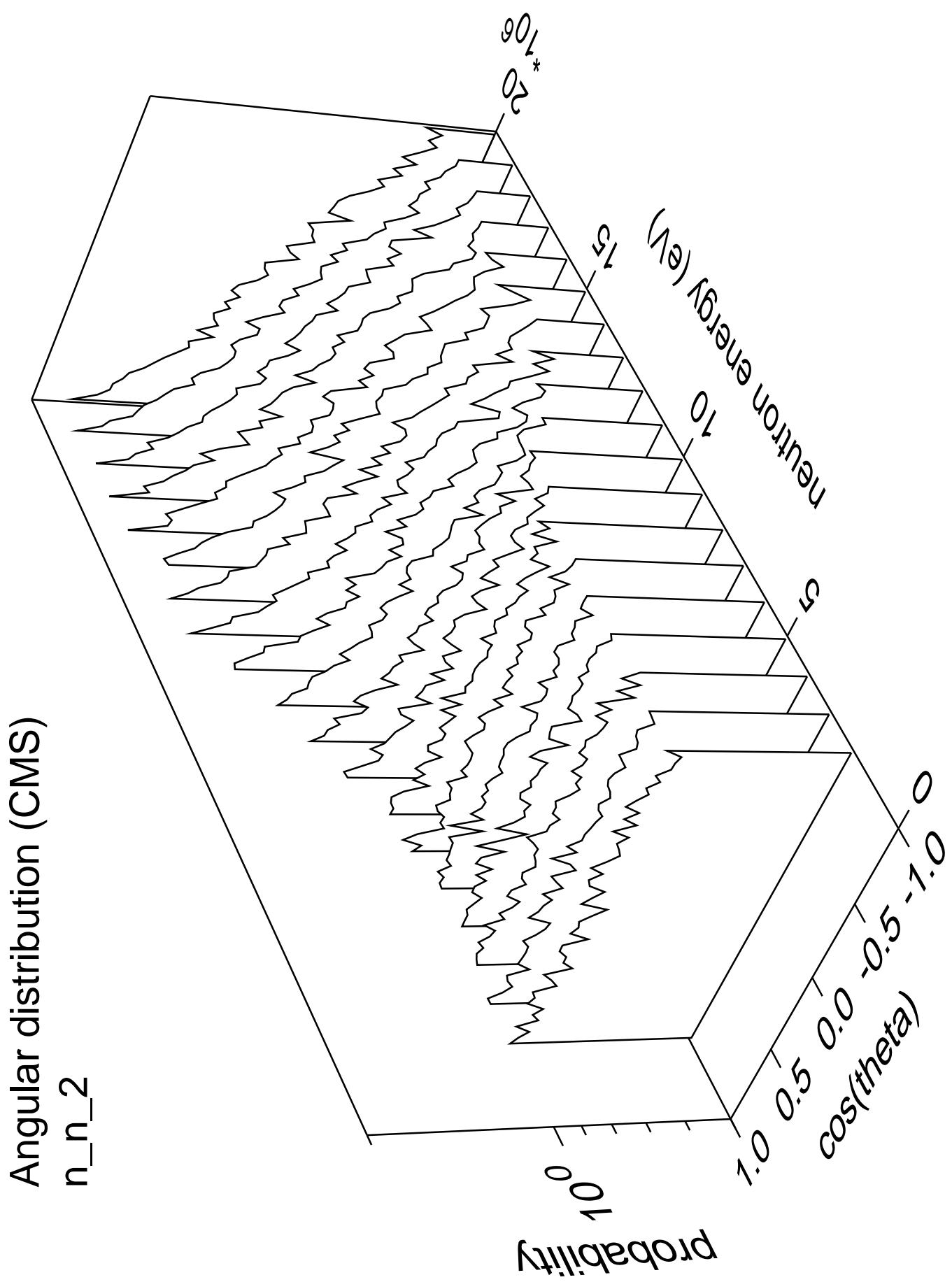
Angular distribution (CMS)
 n_{np} part.=neutron

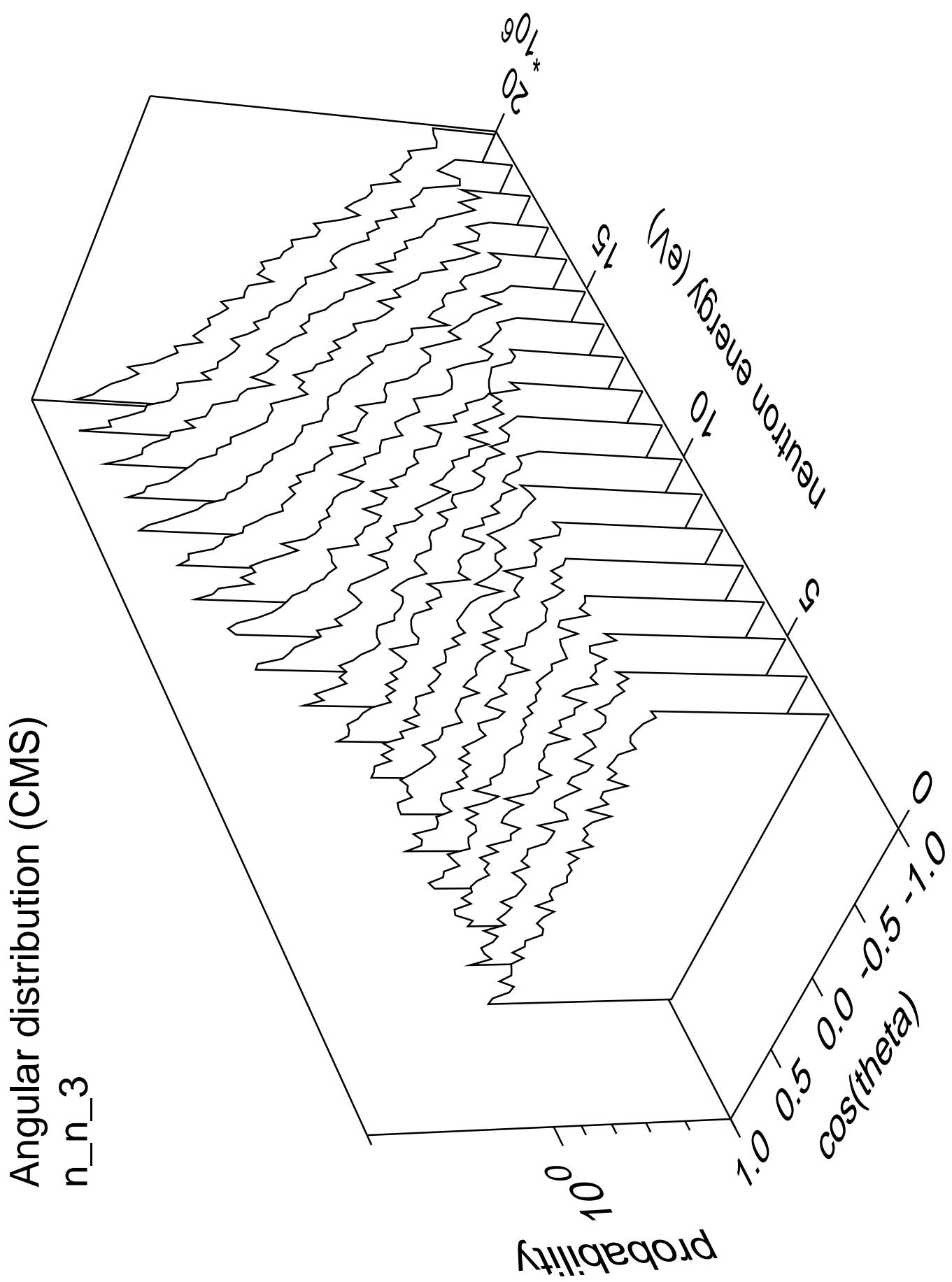


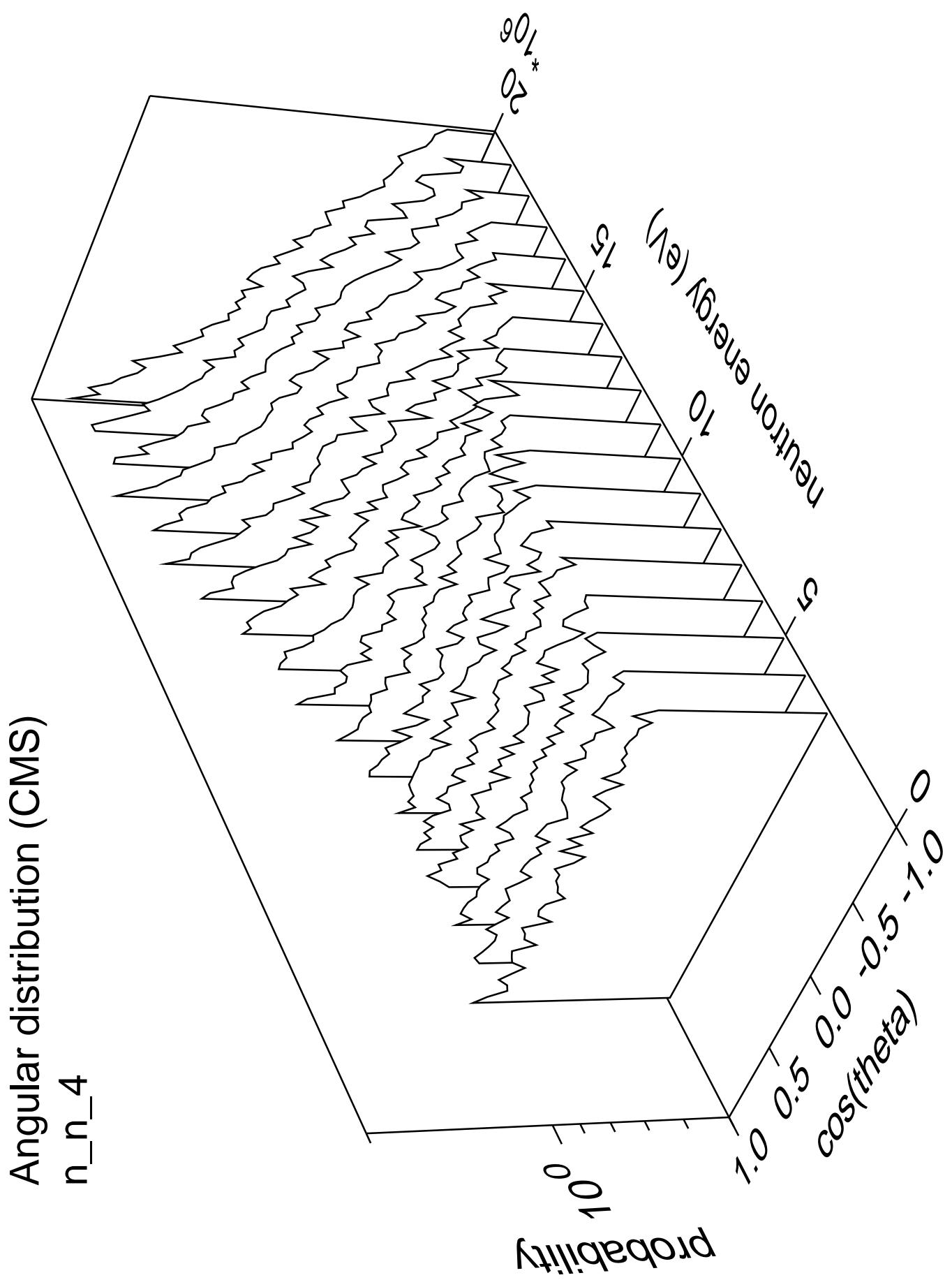
Angular distribution (CMS)
 n_{np} part.=proton

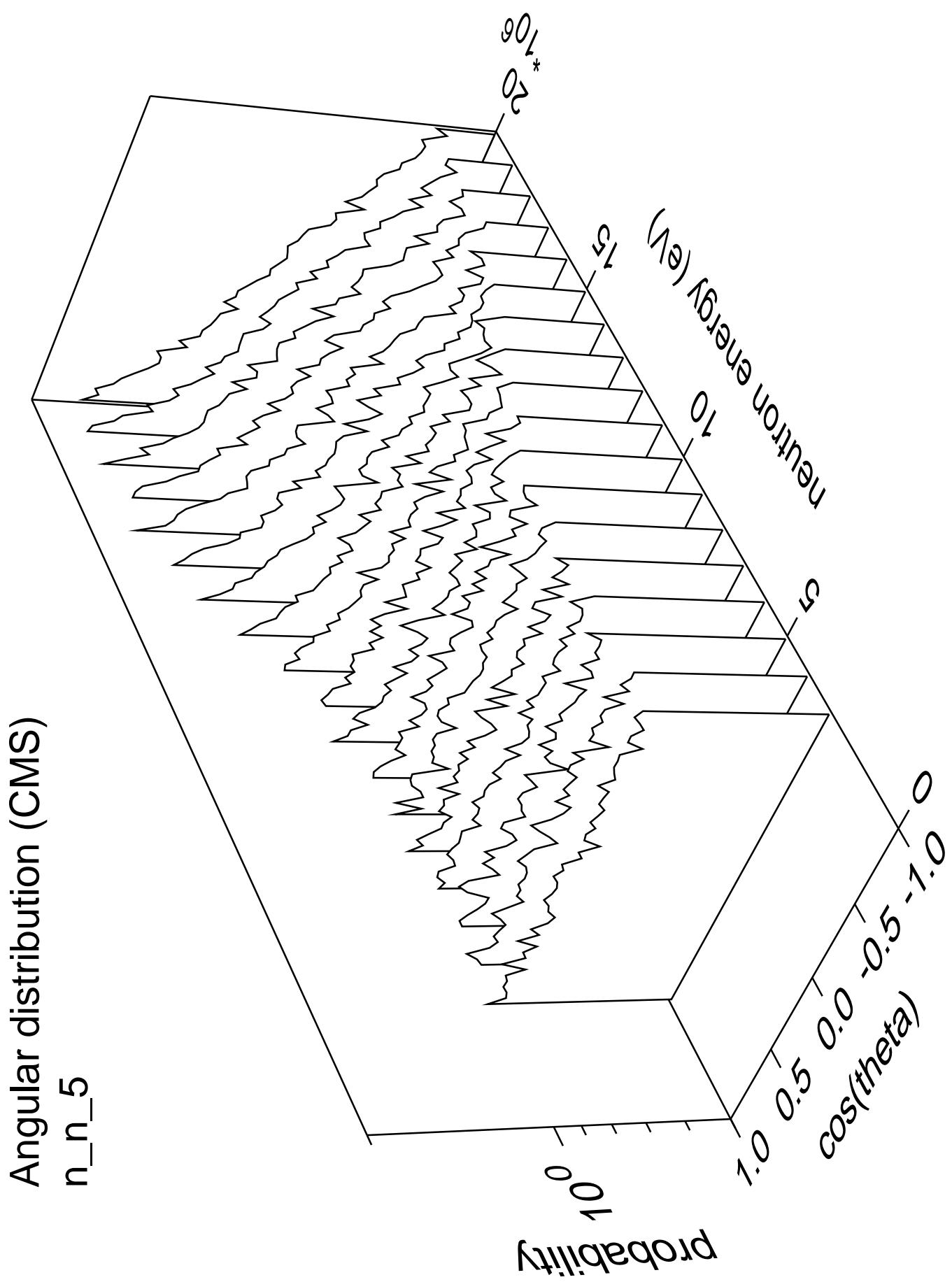


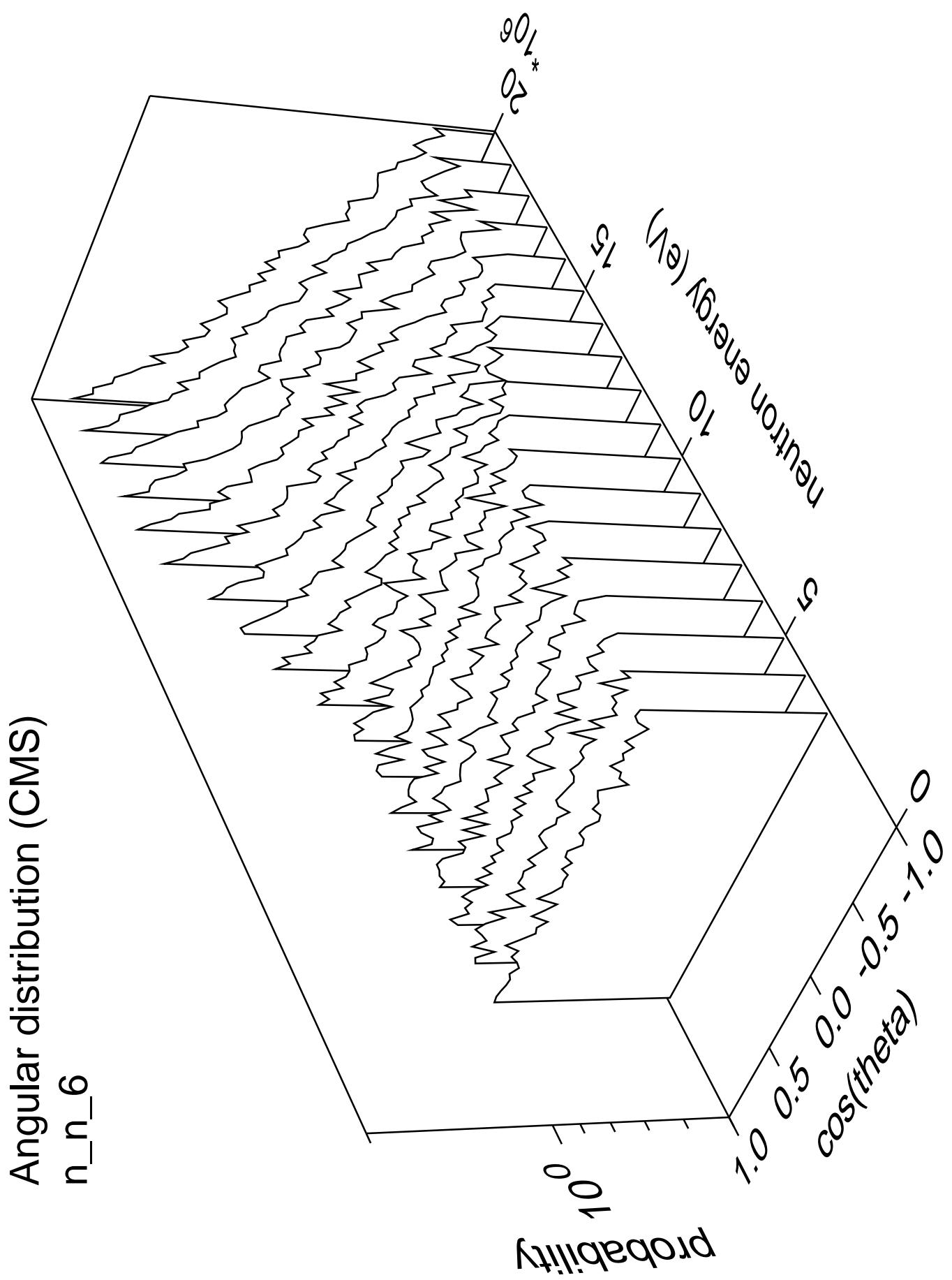


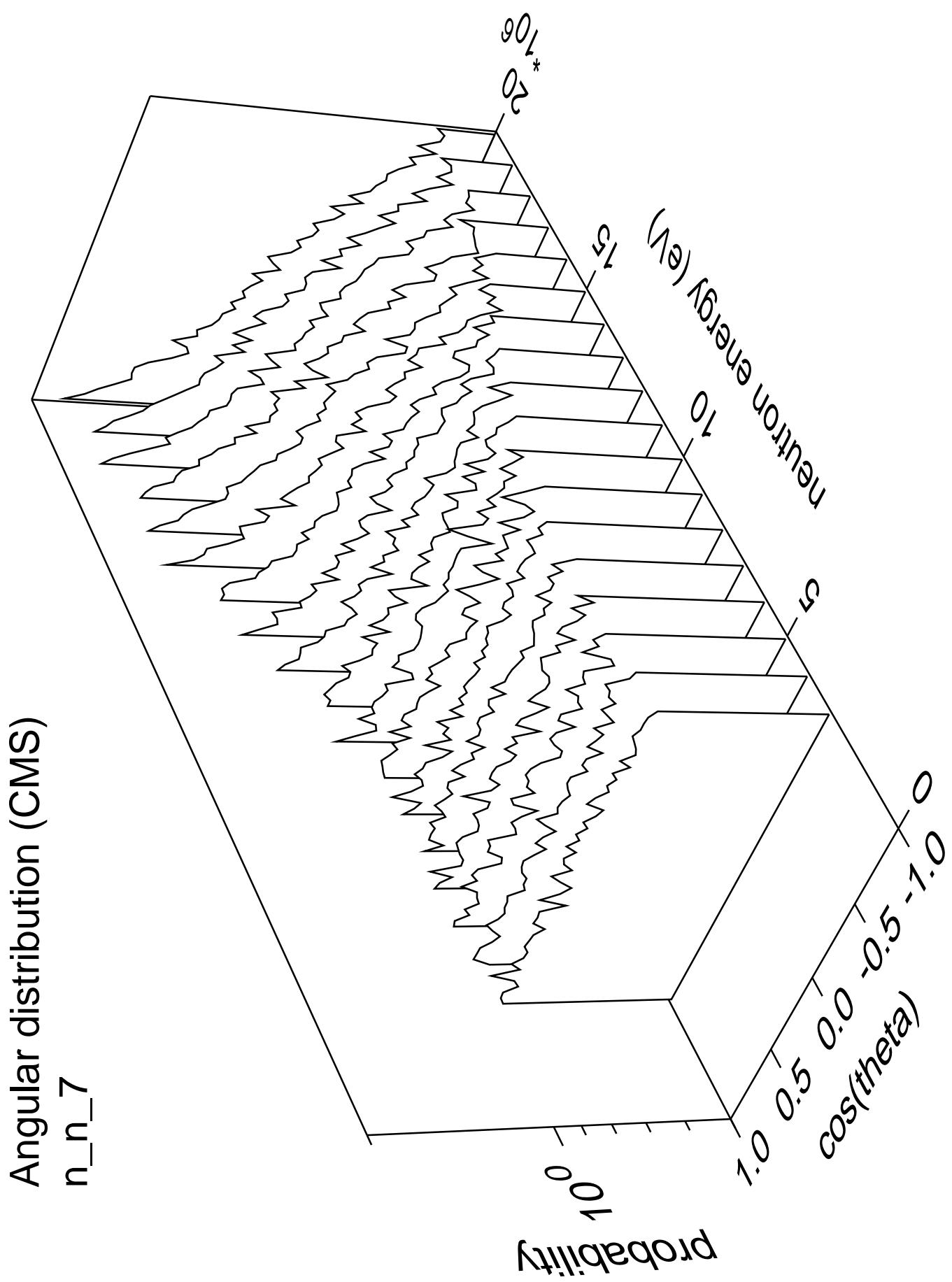


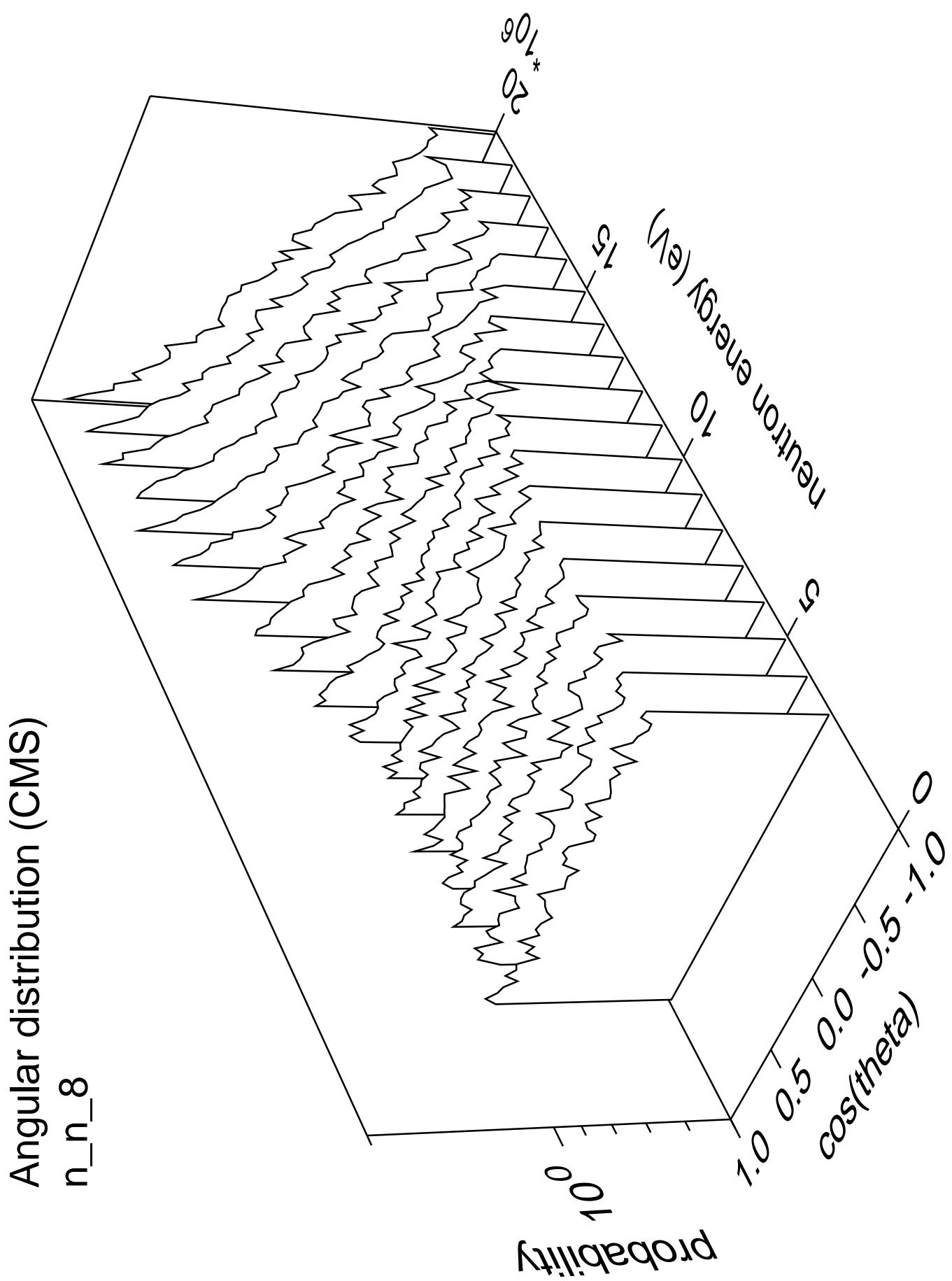


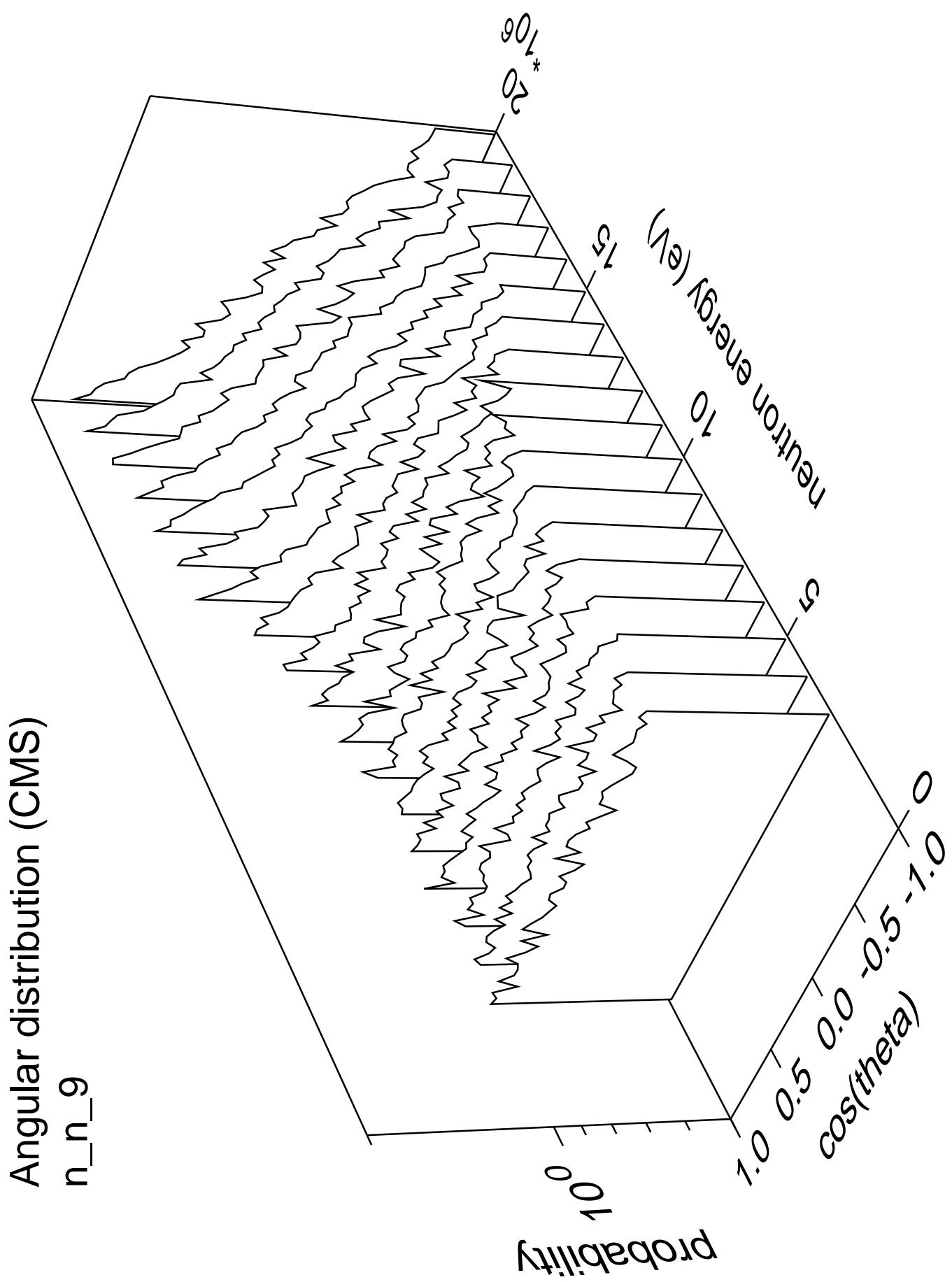


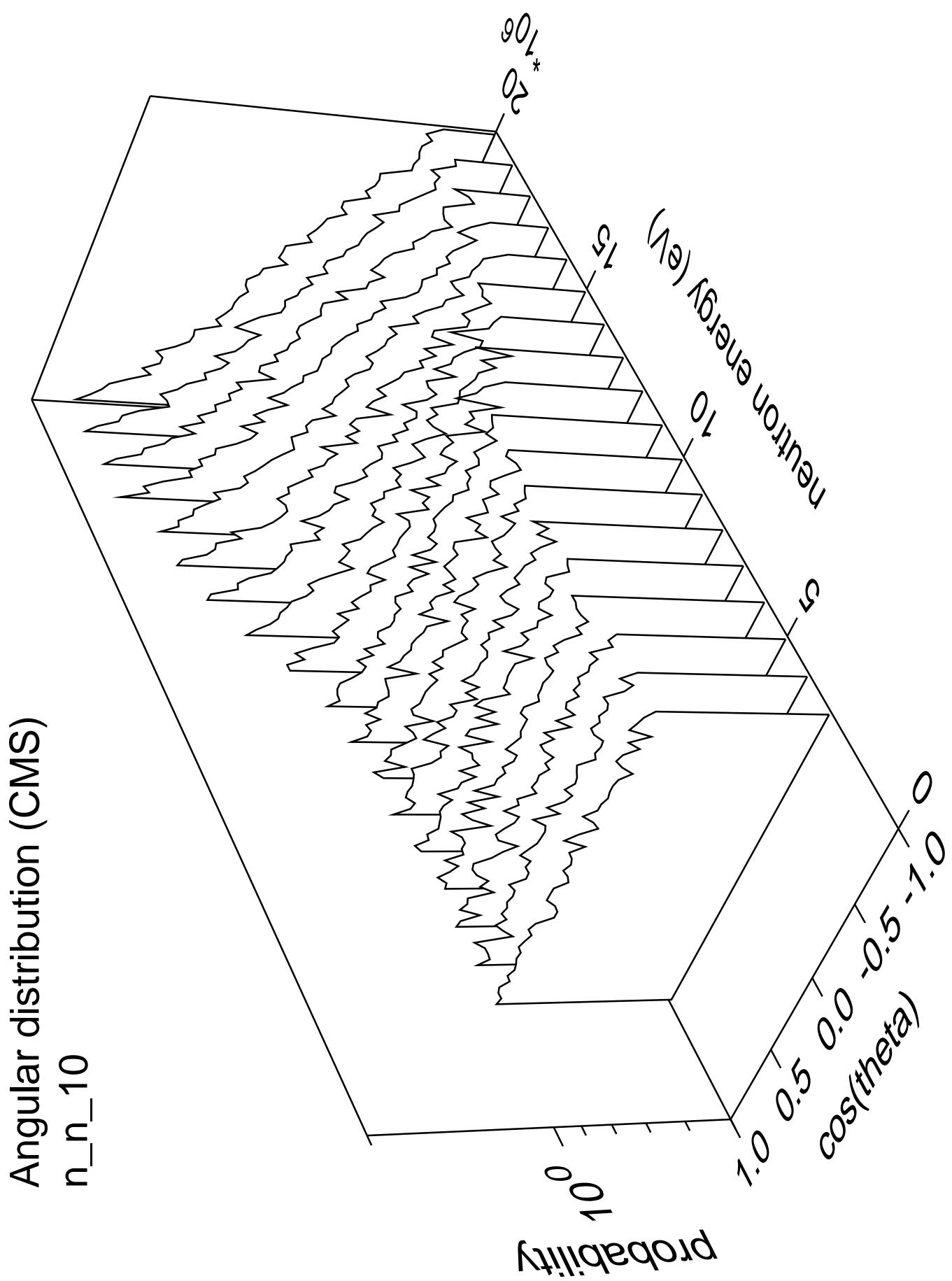


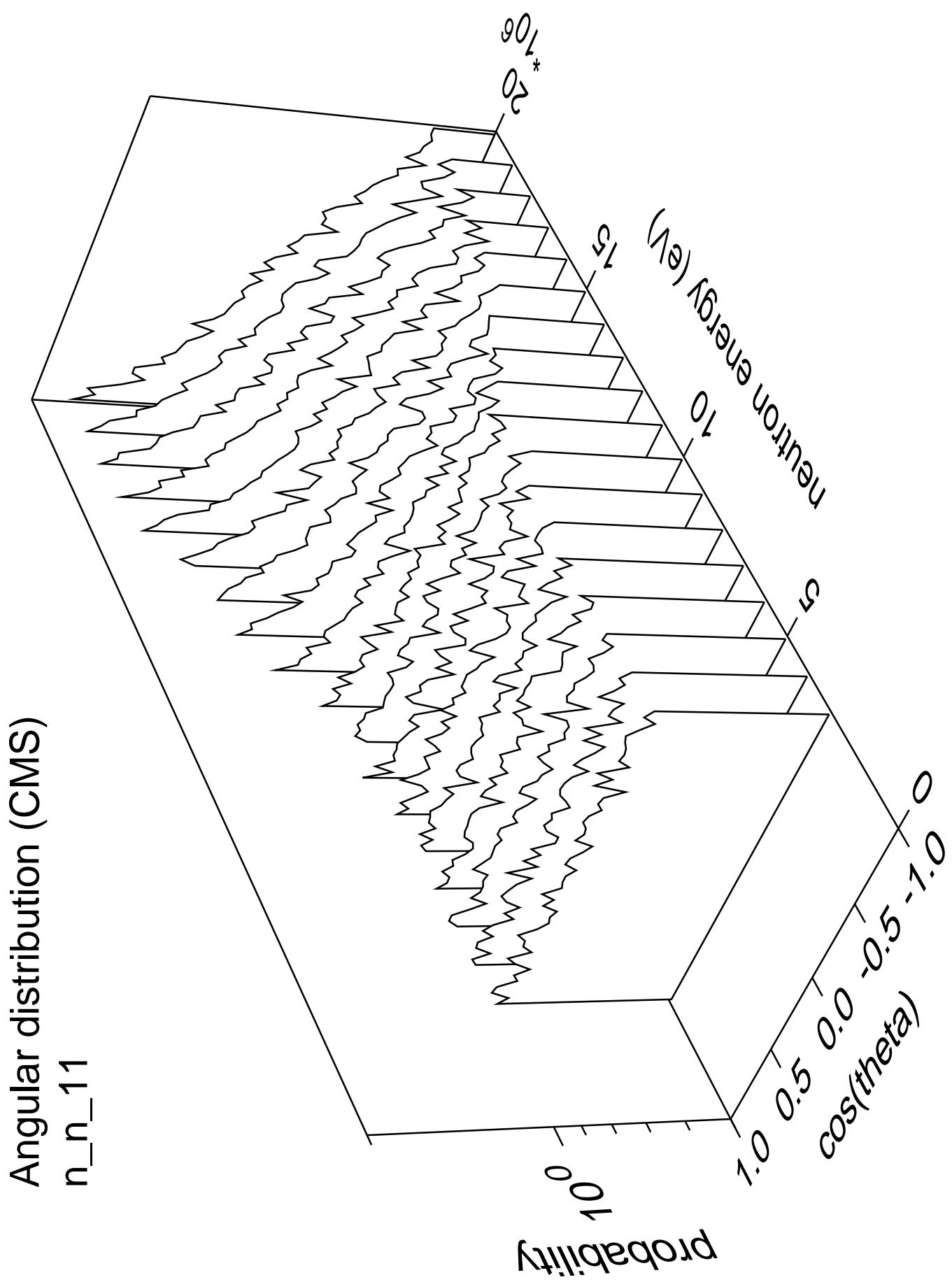


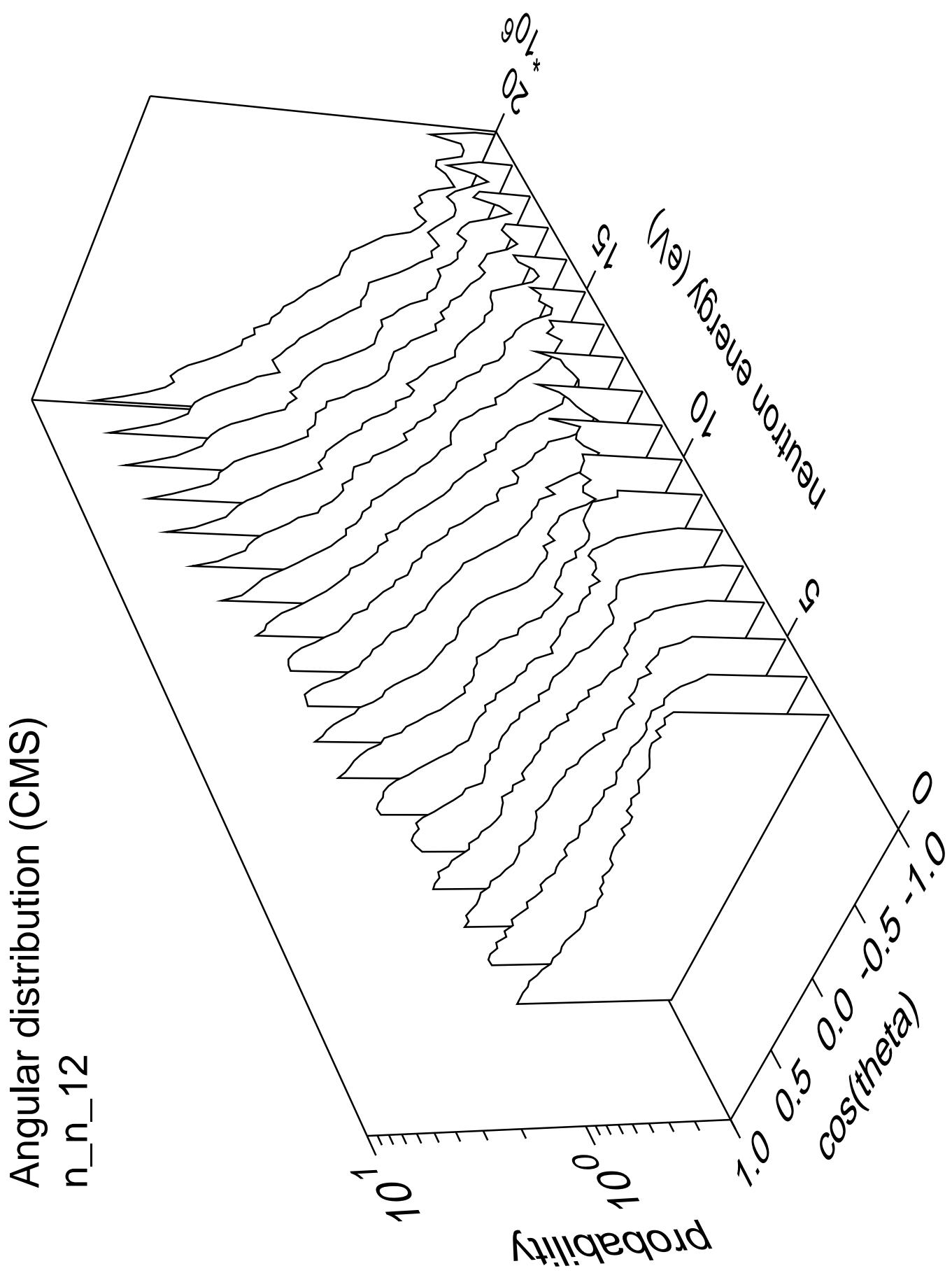


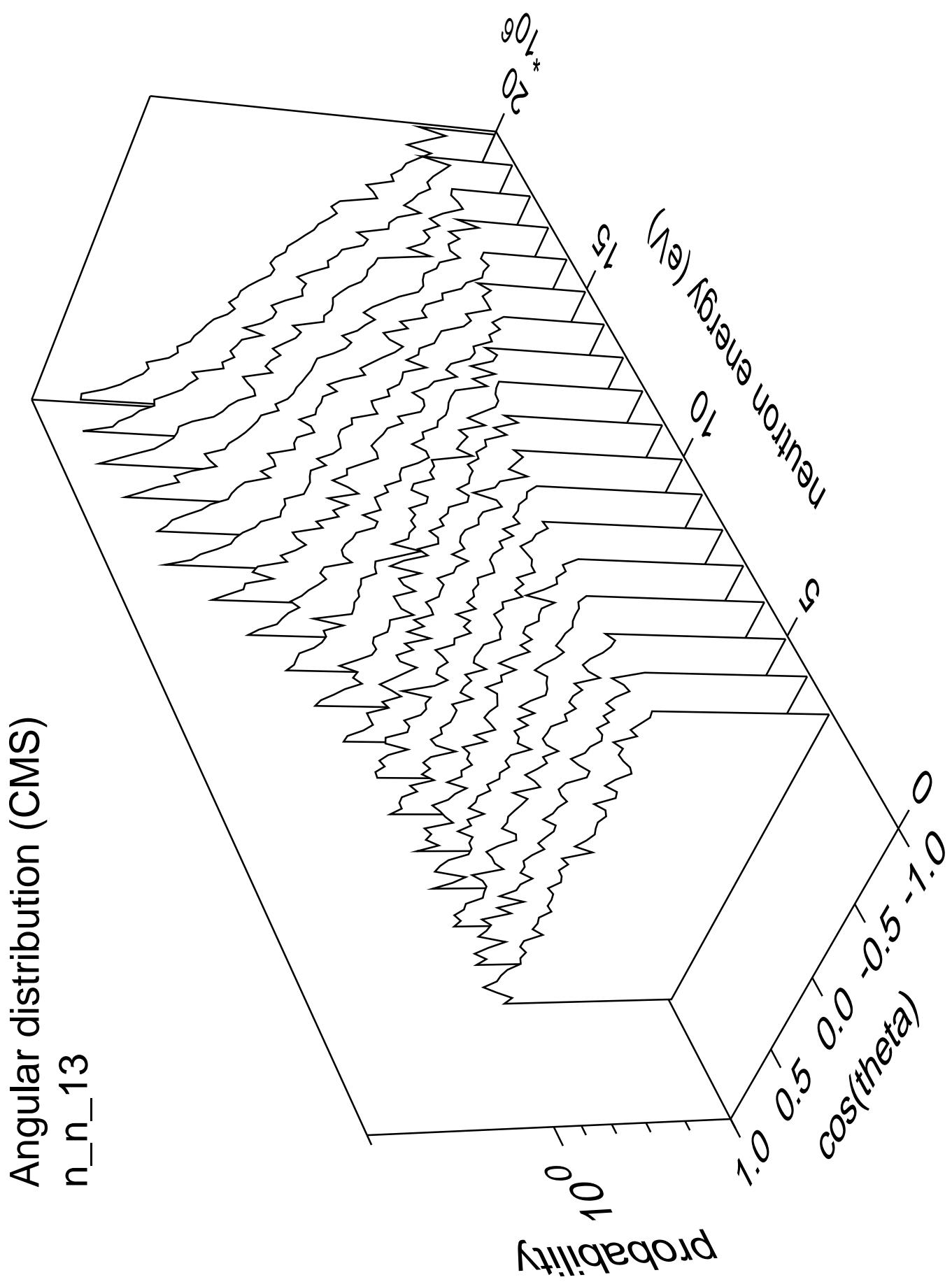


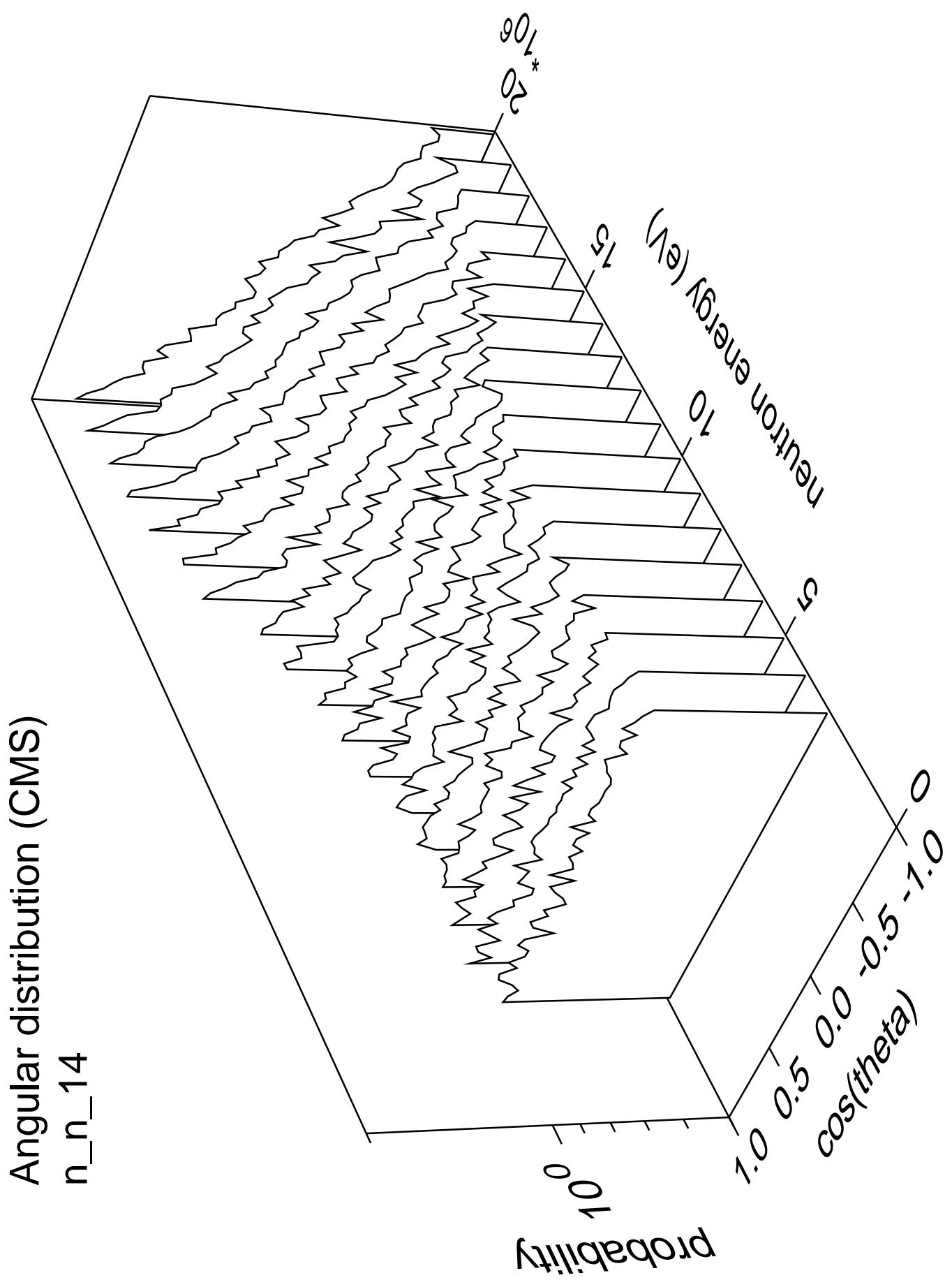


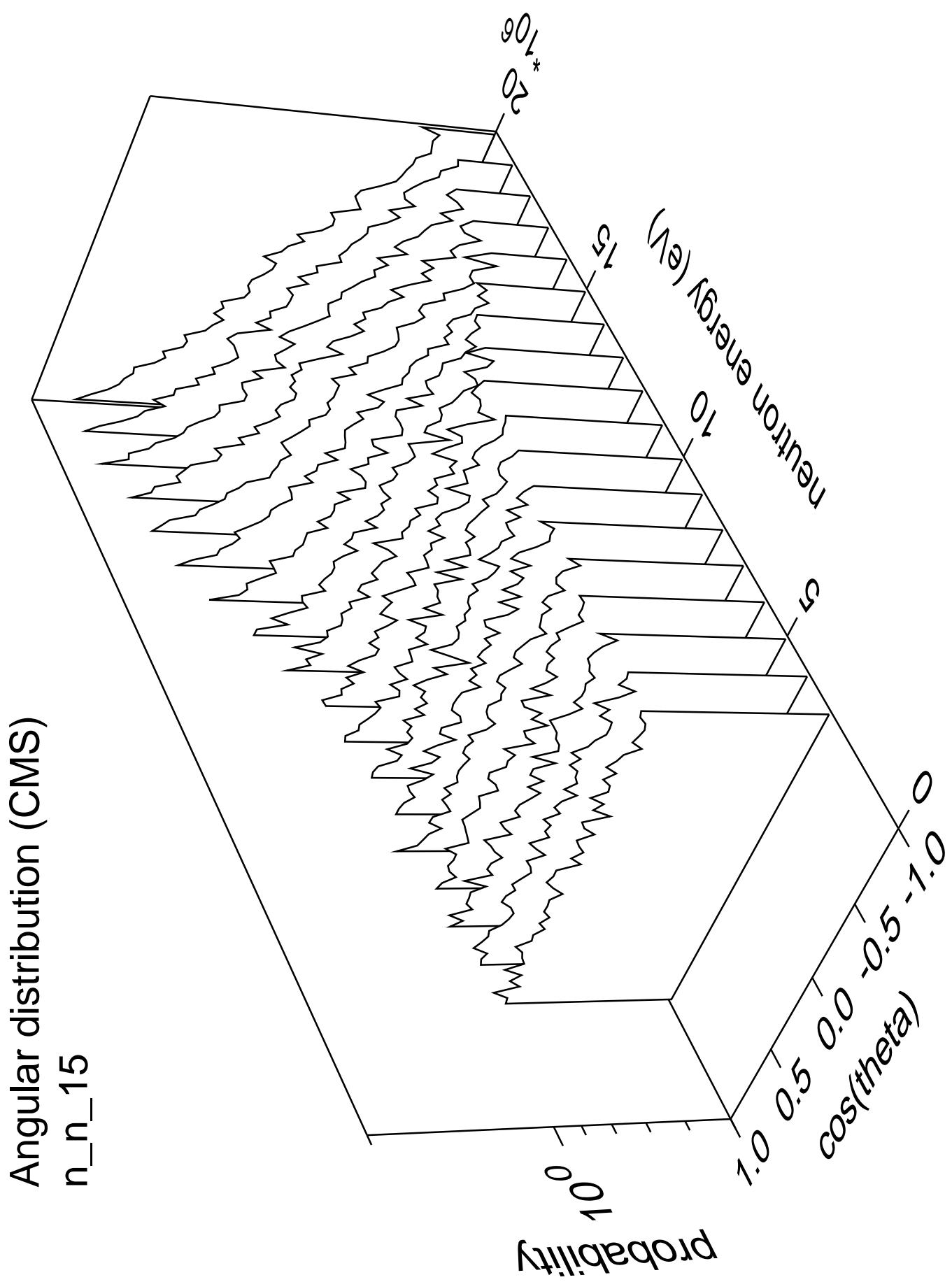


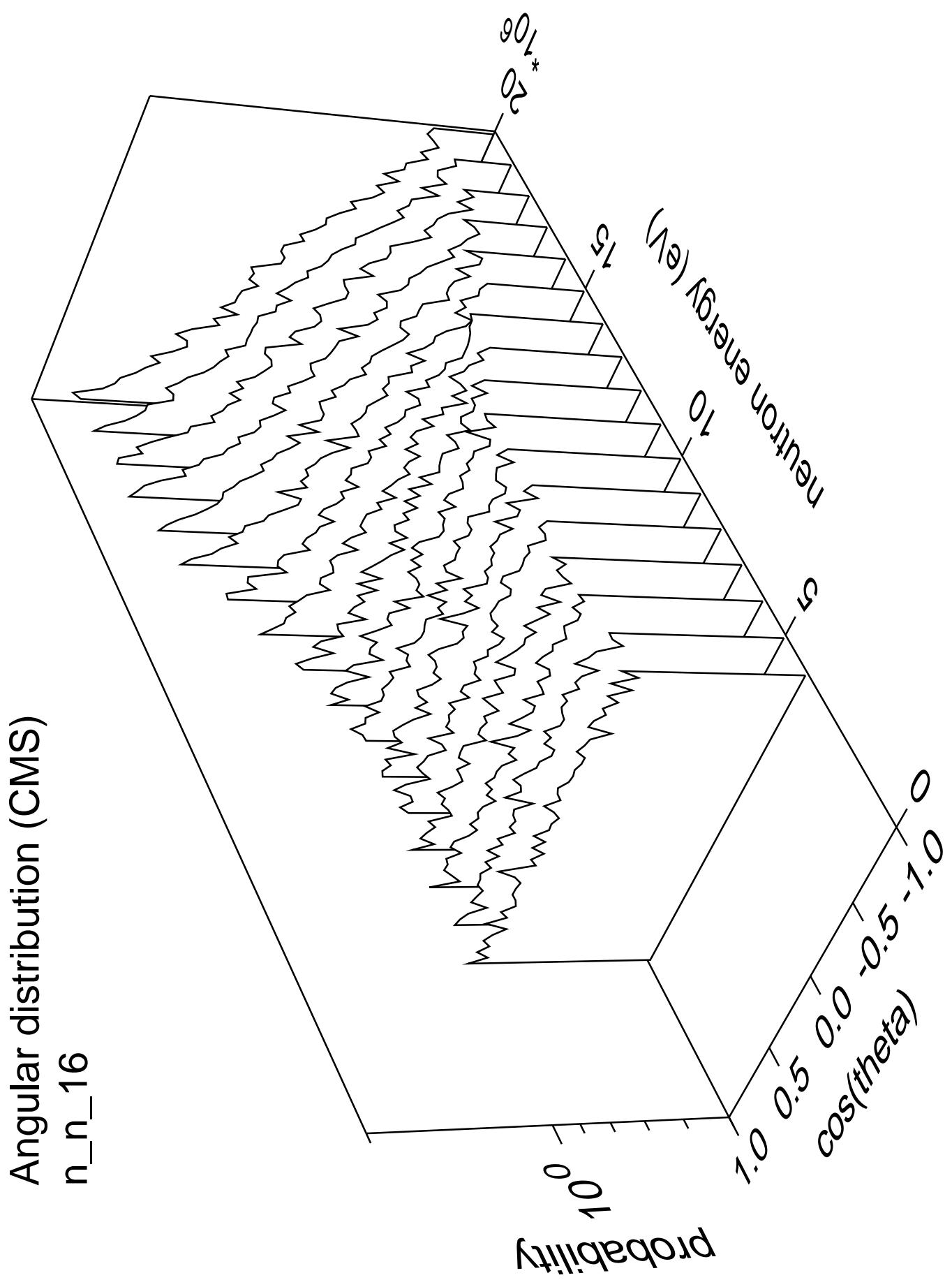


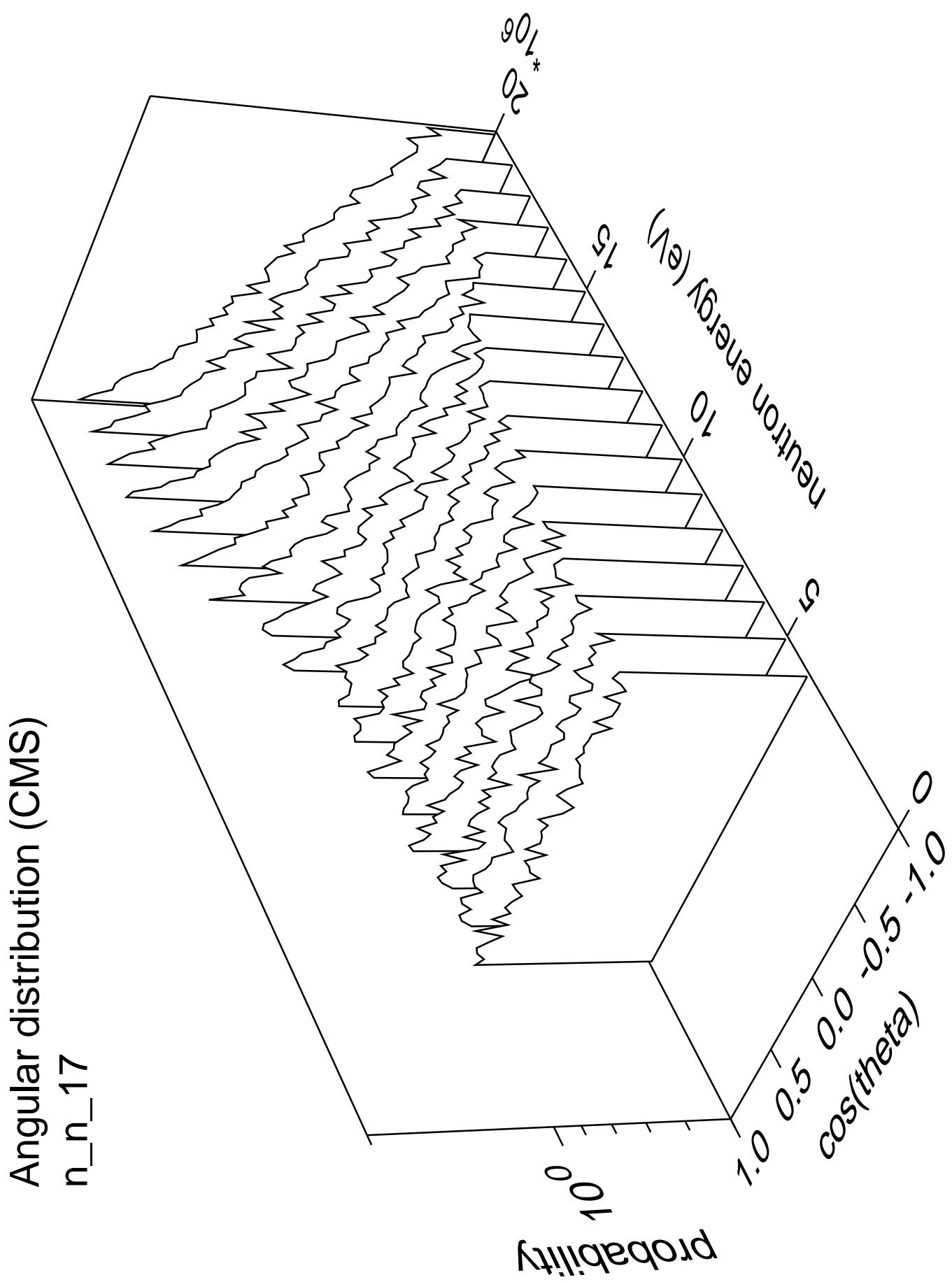


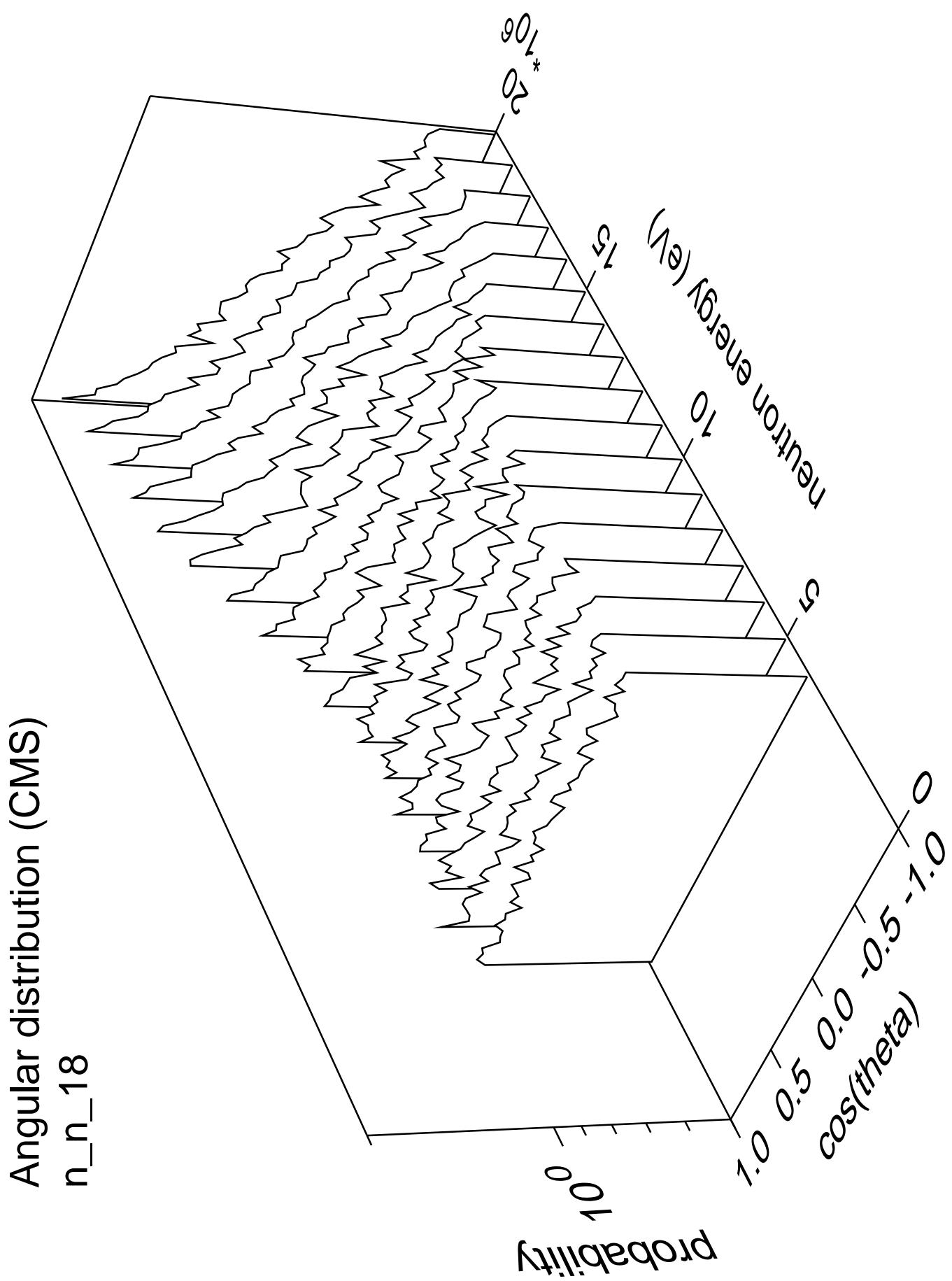


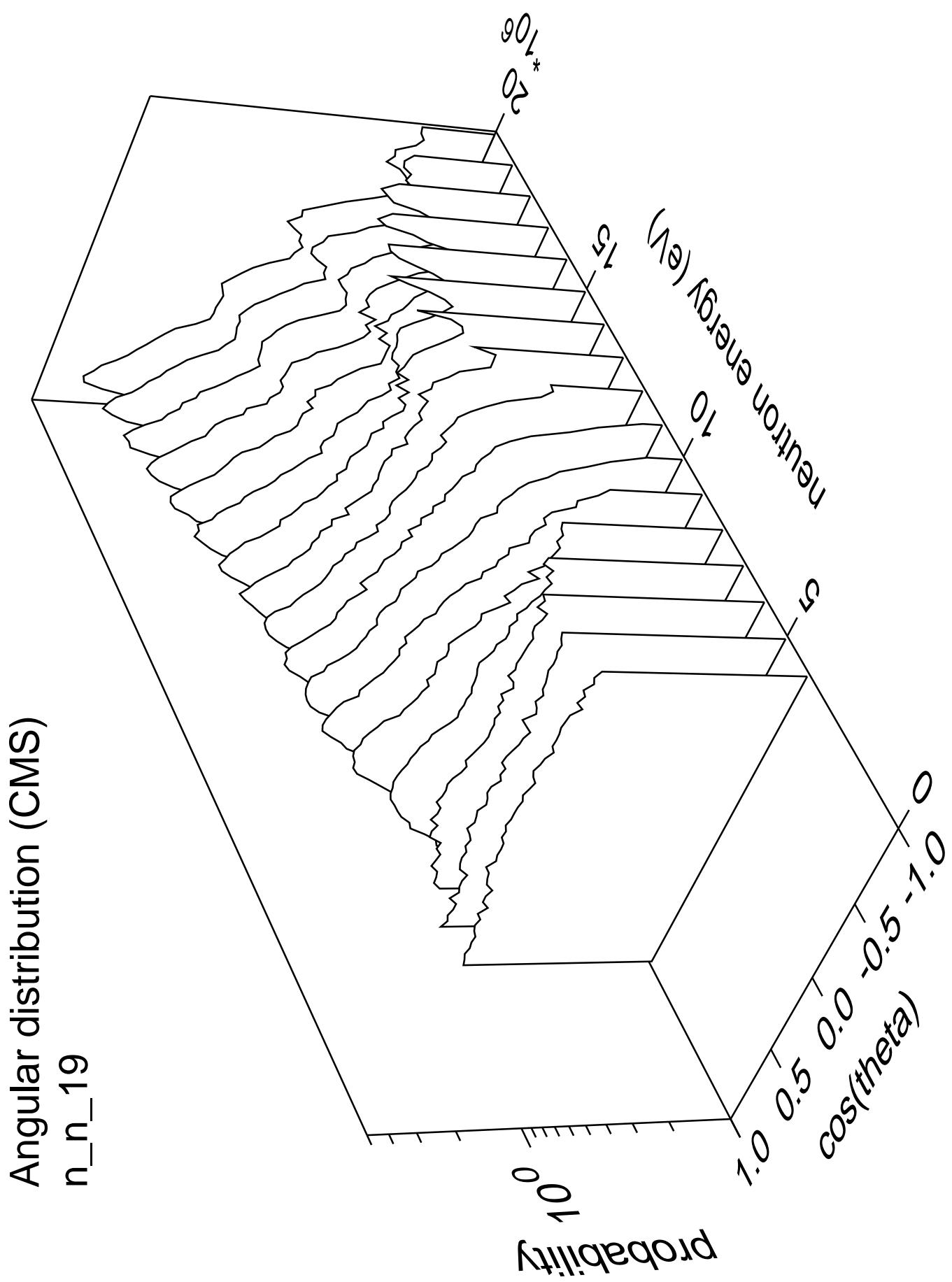


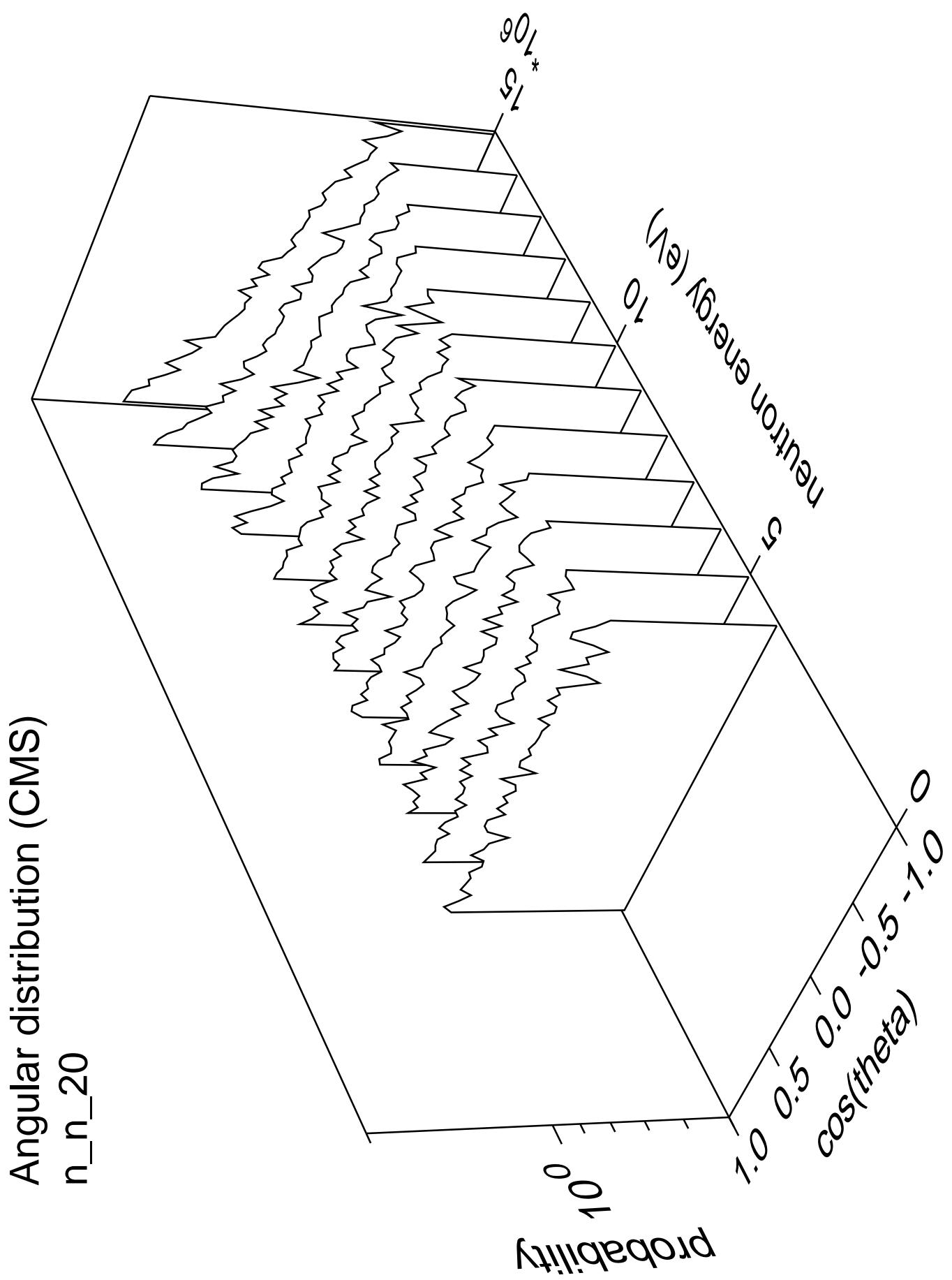


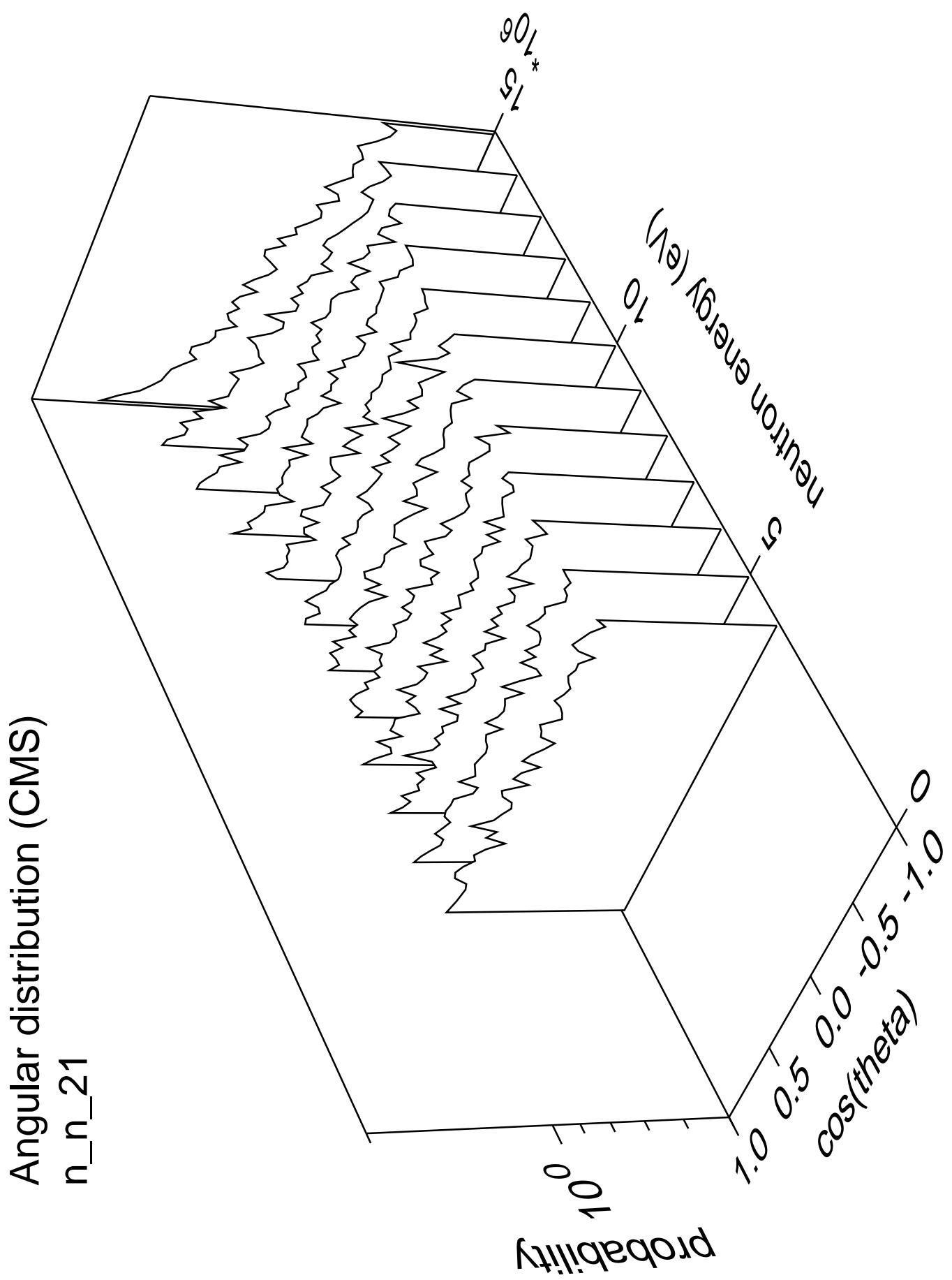


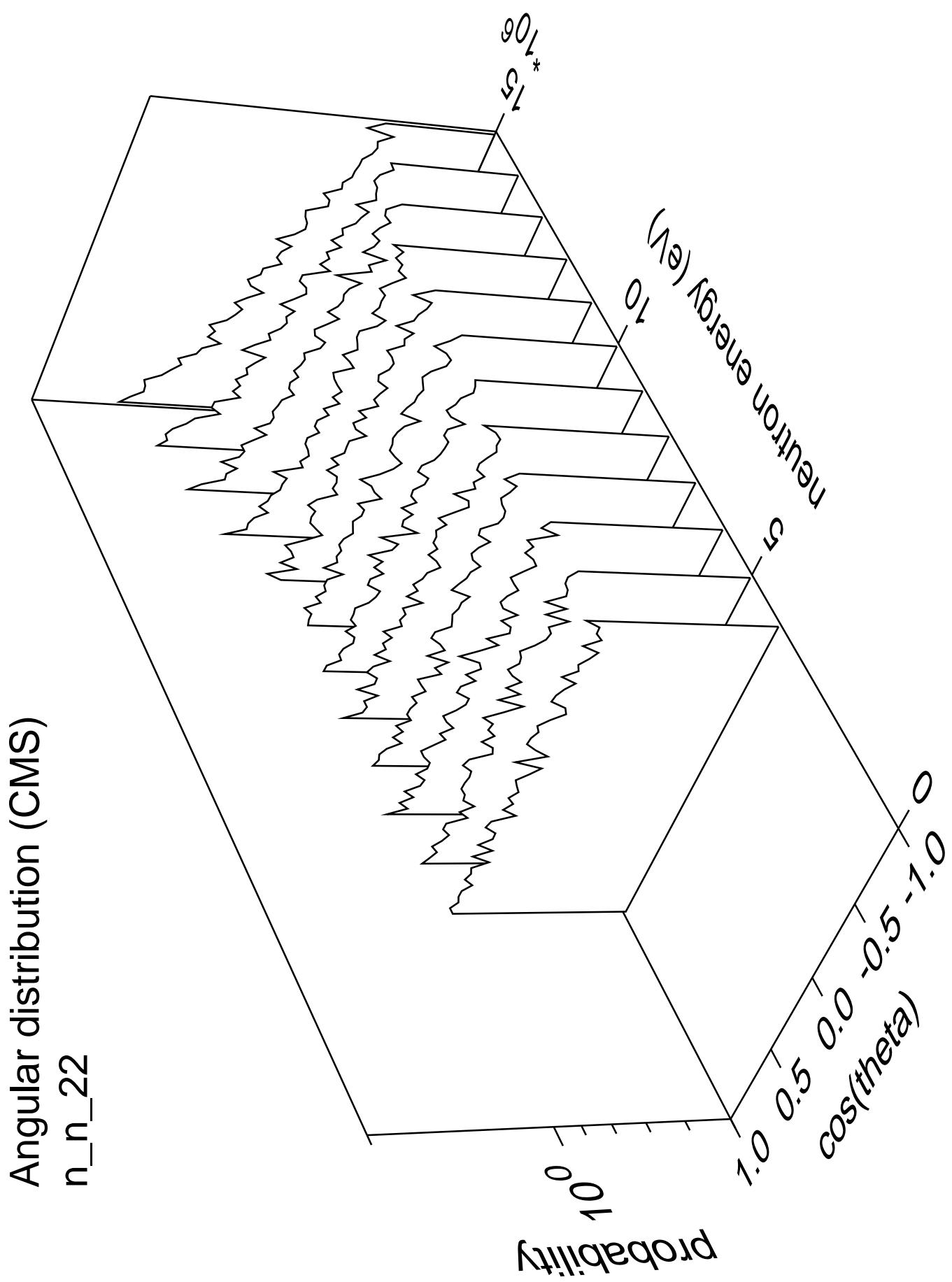


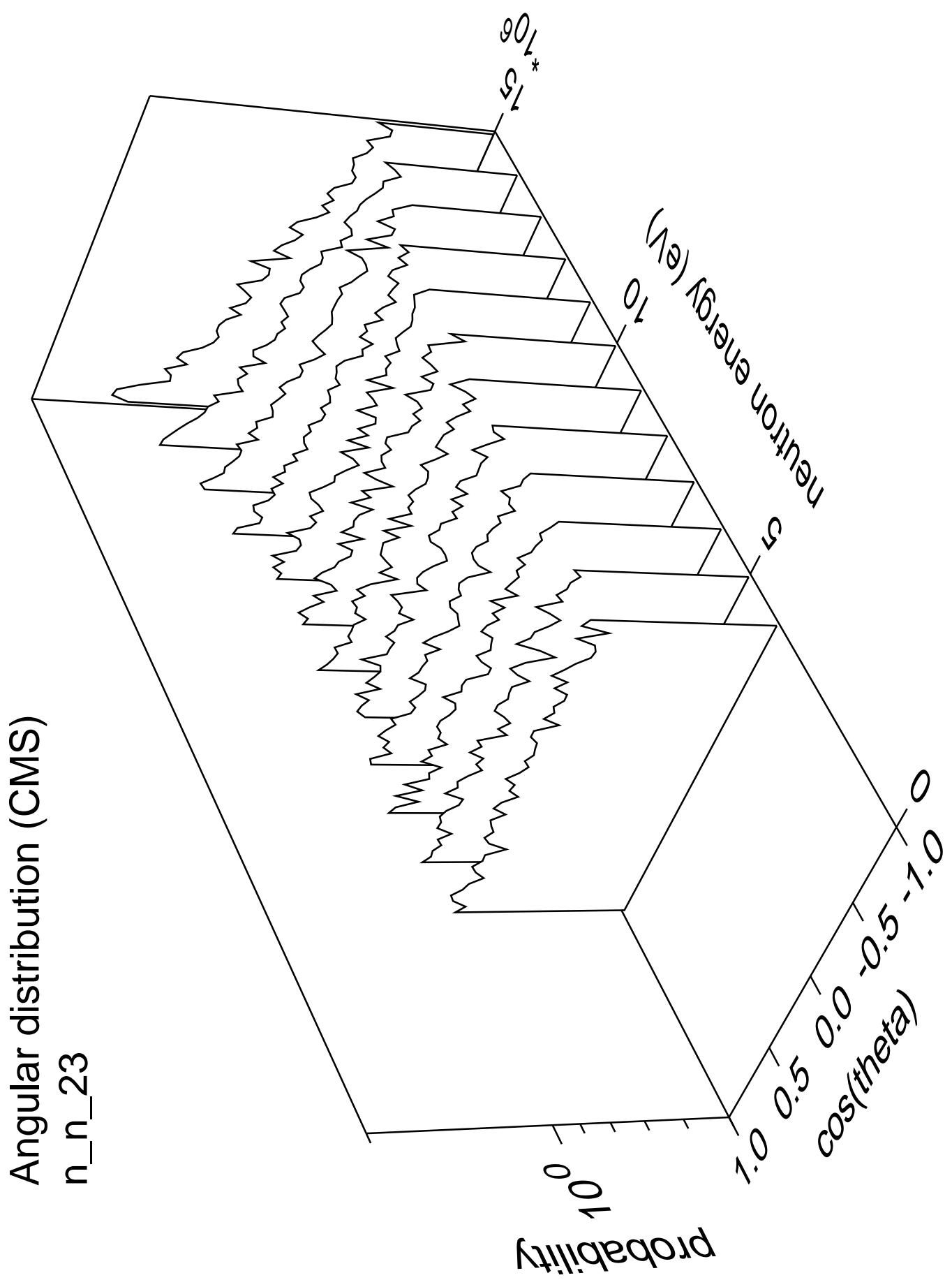


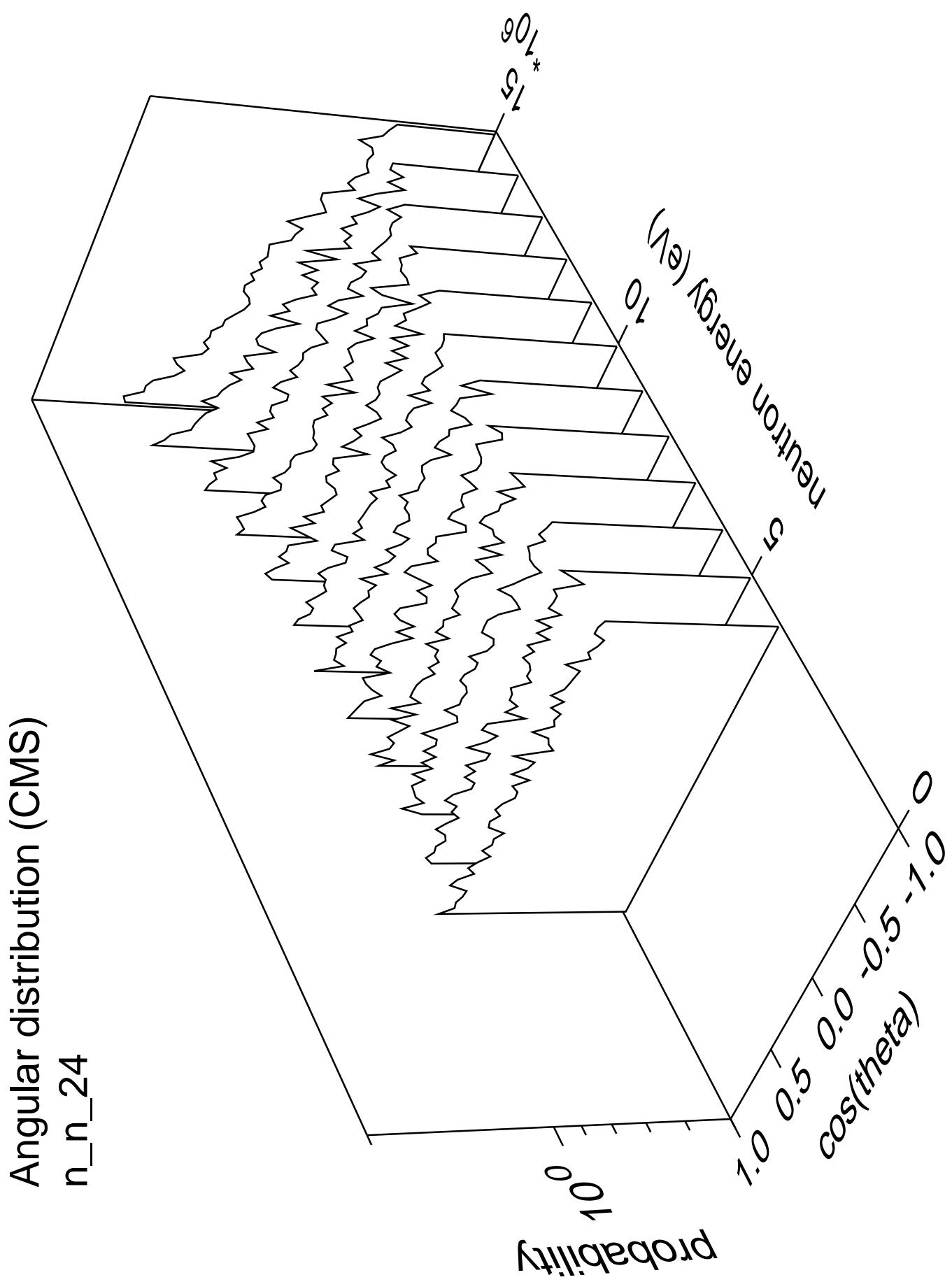


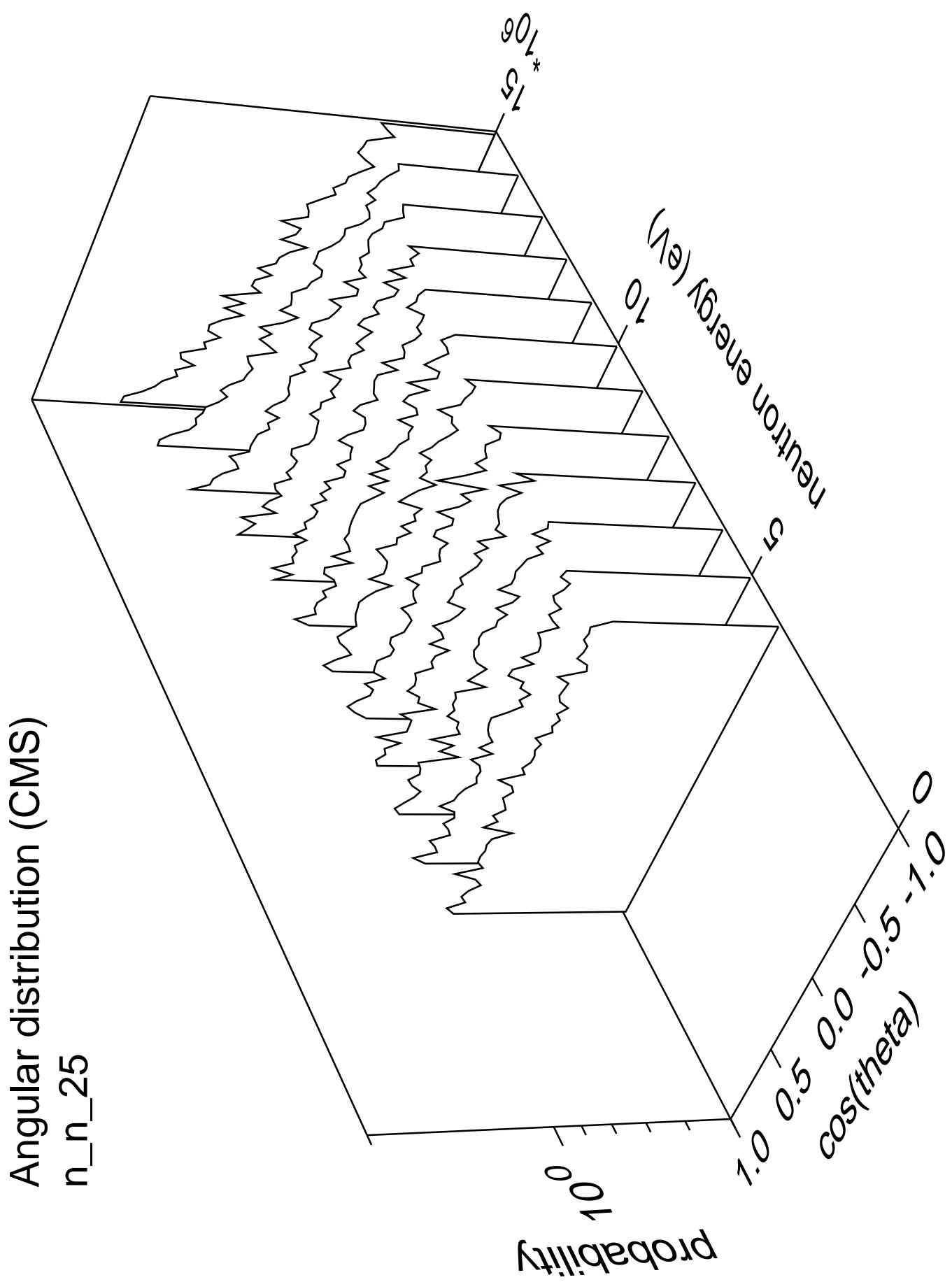


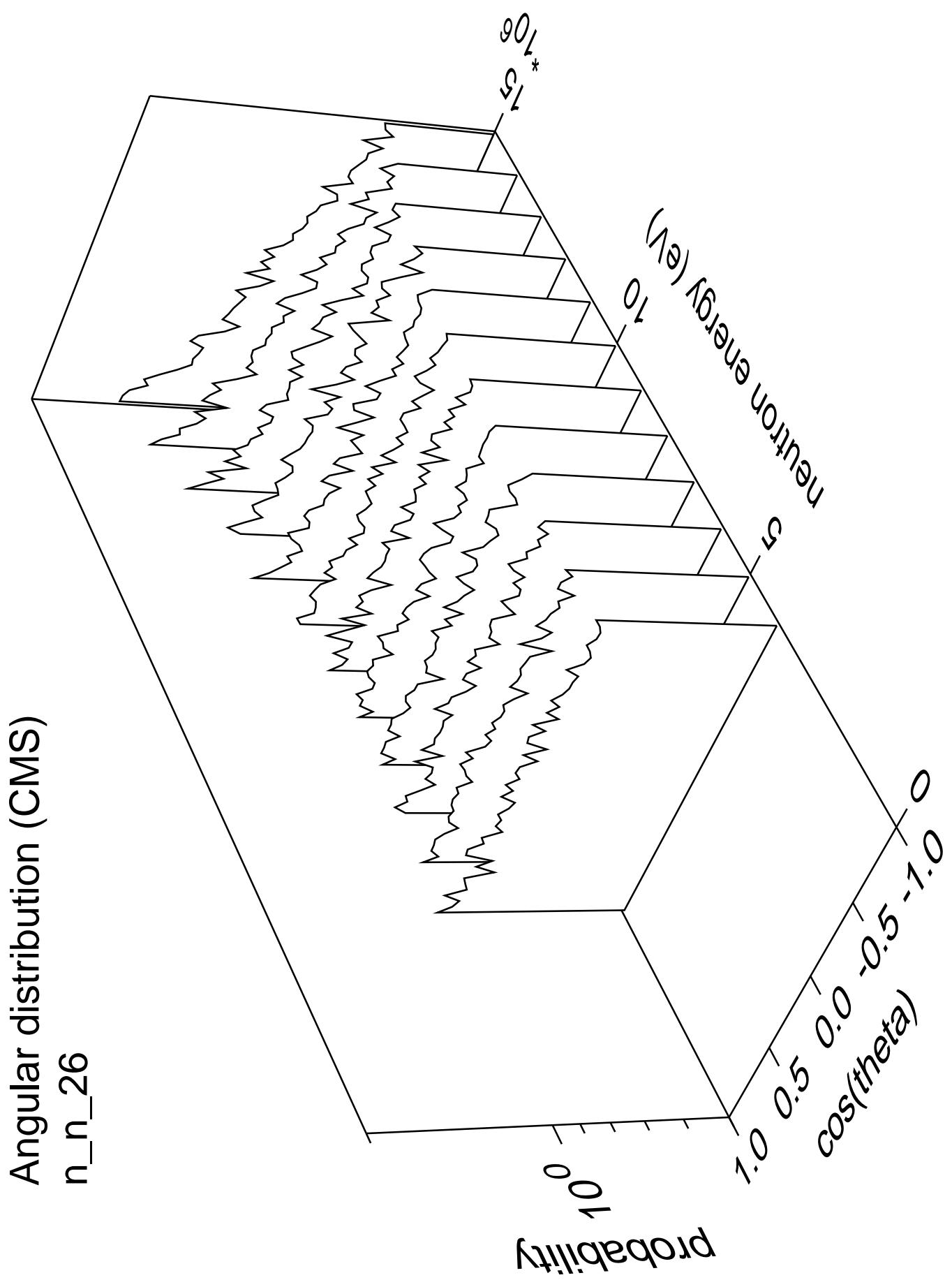


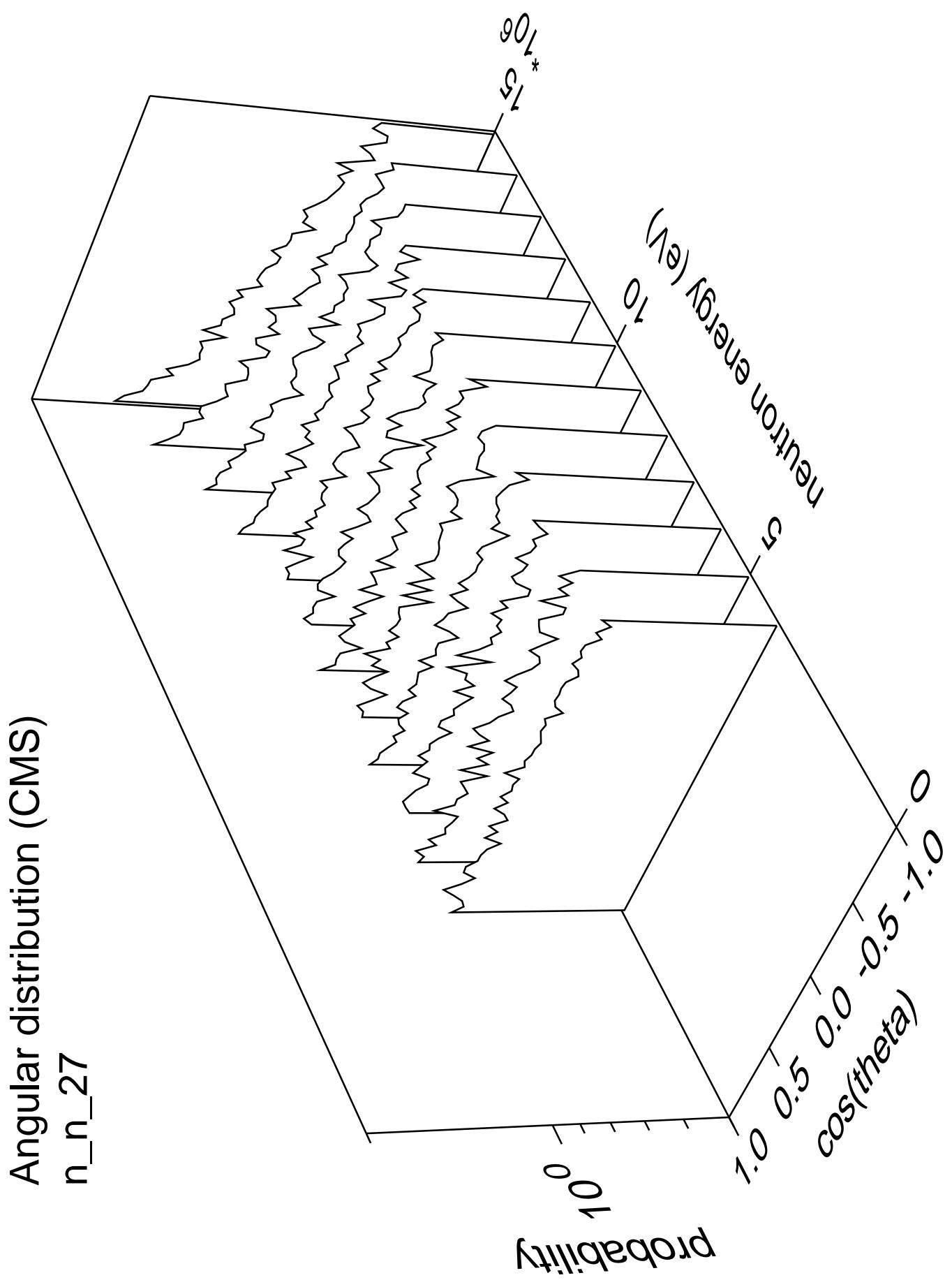


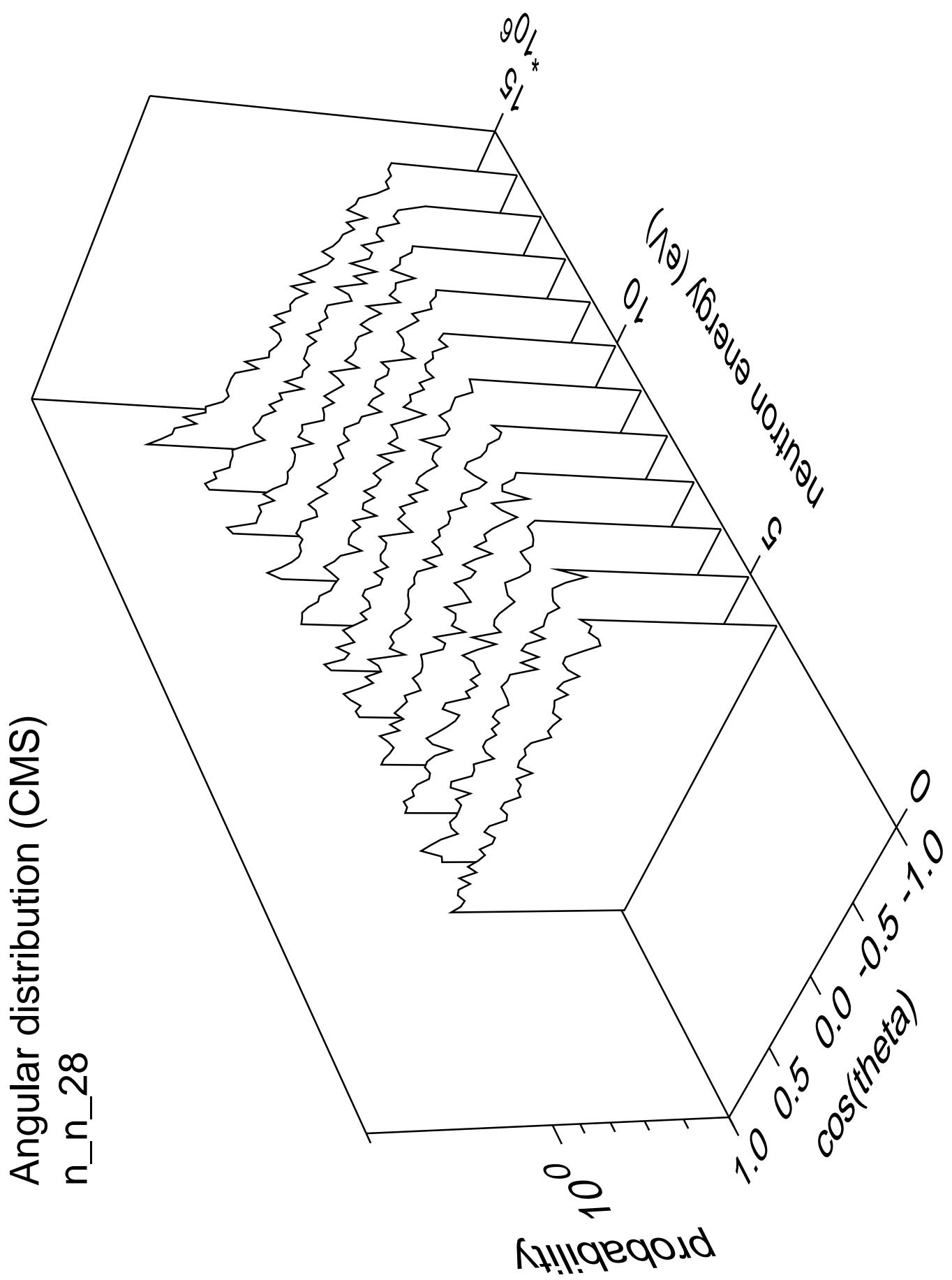


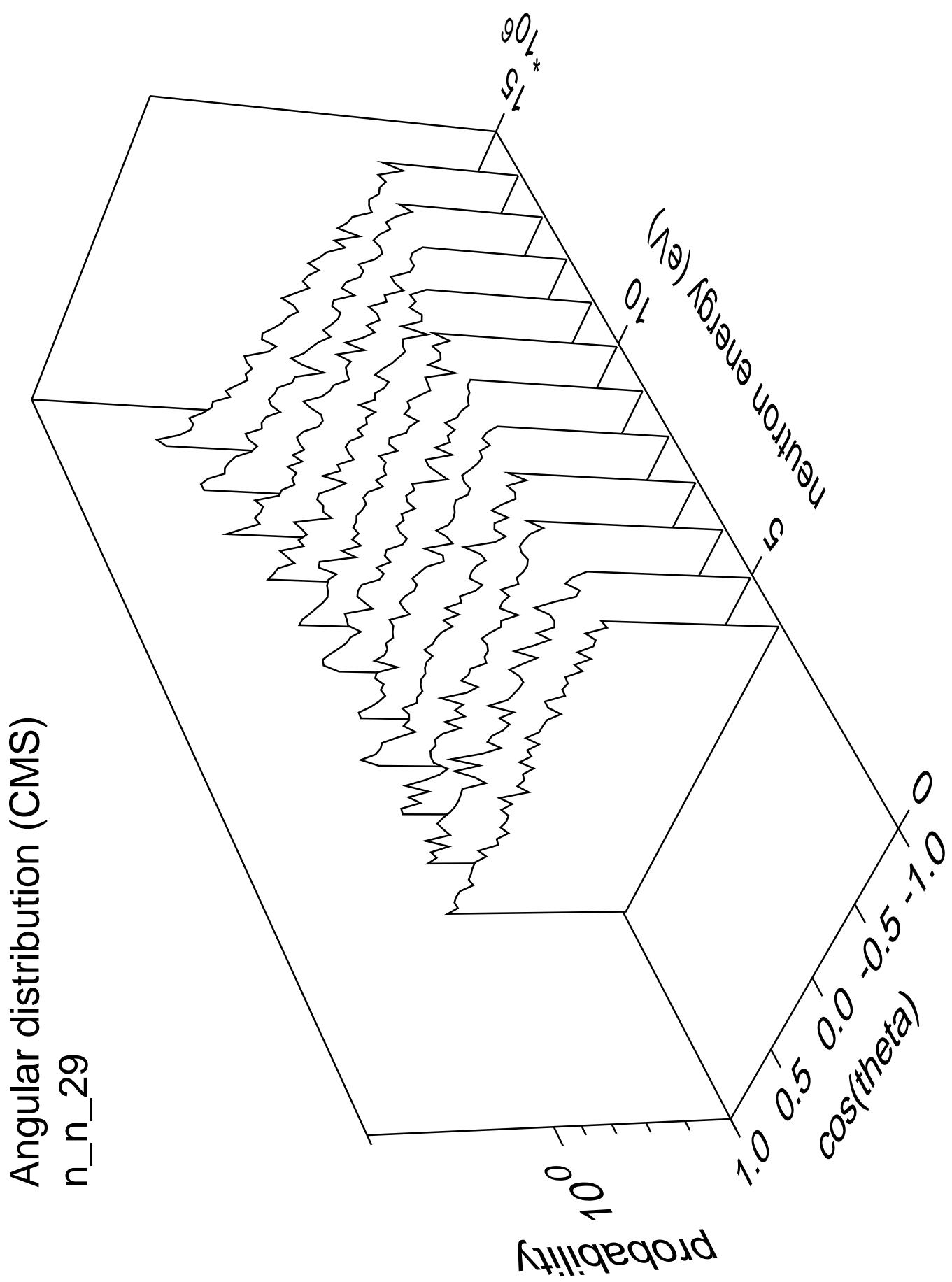


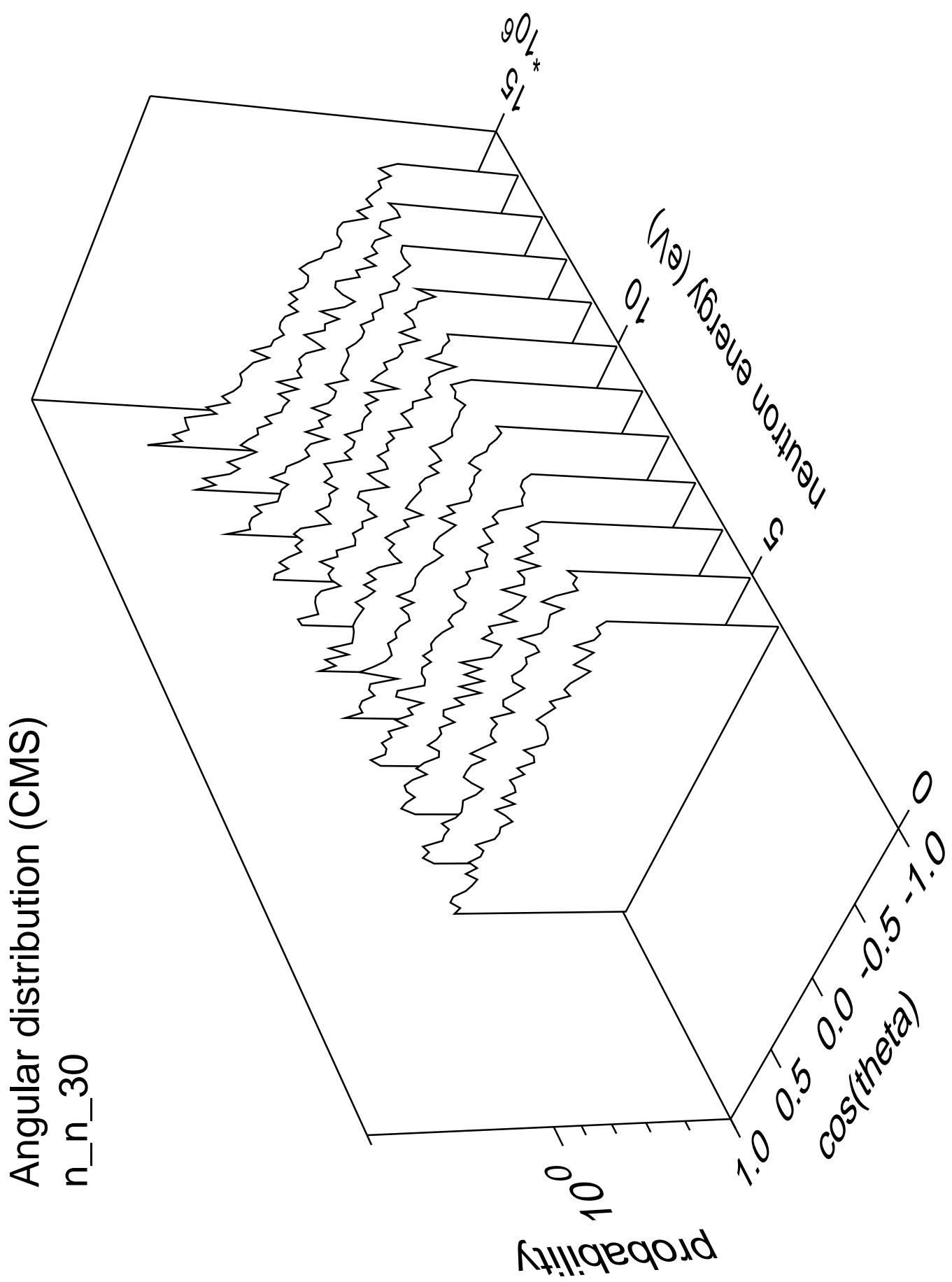


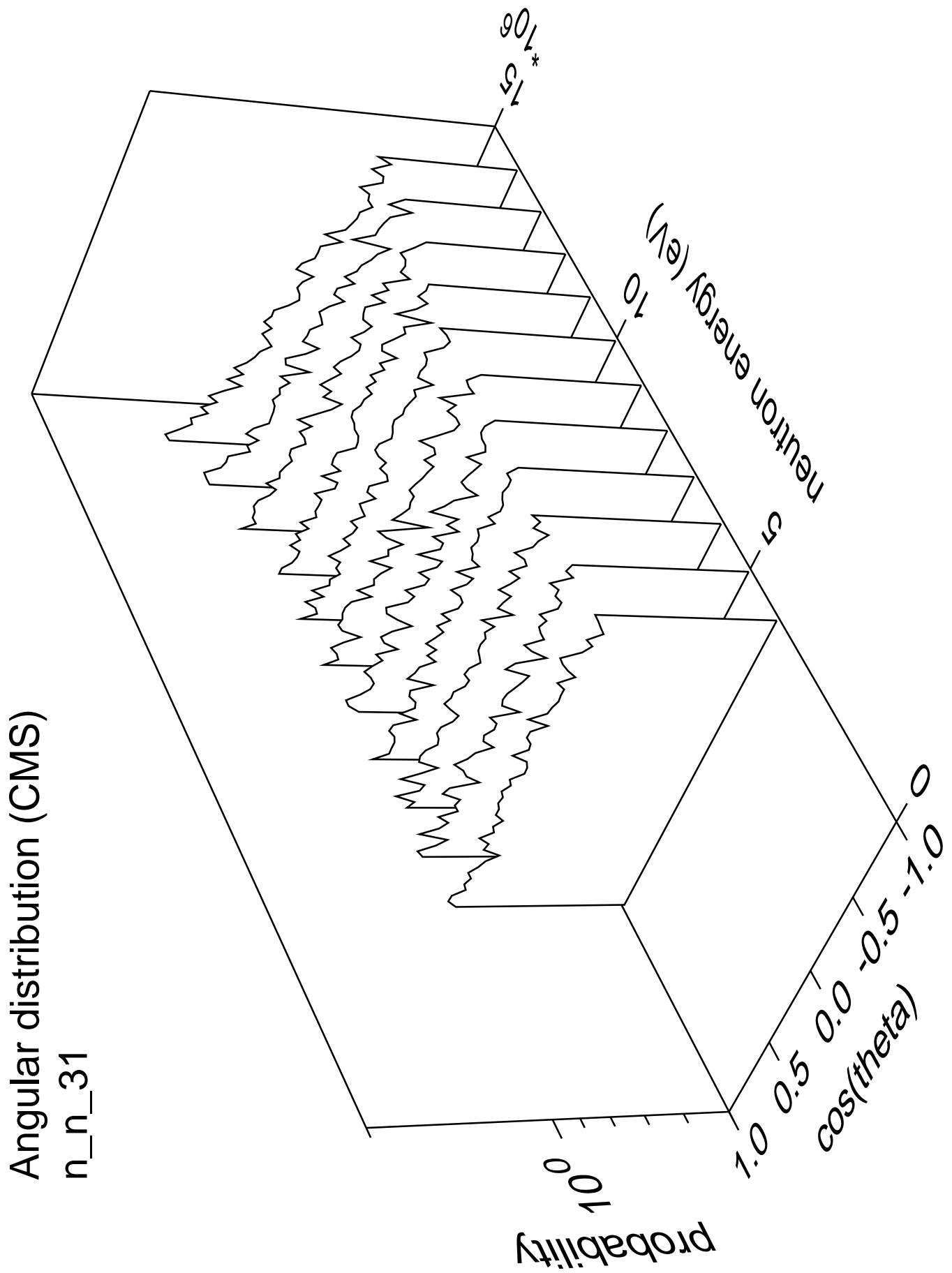


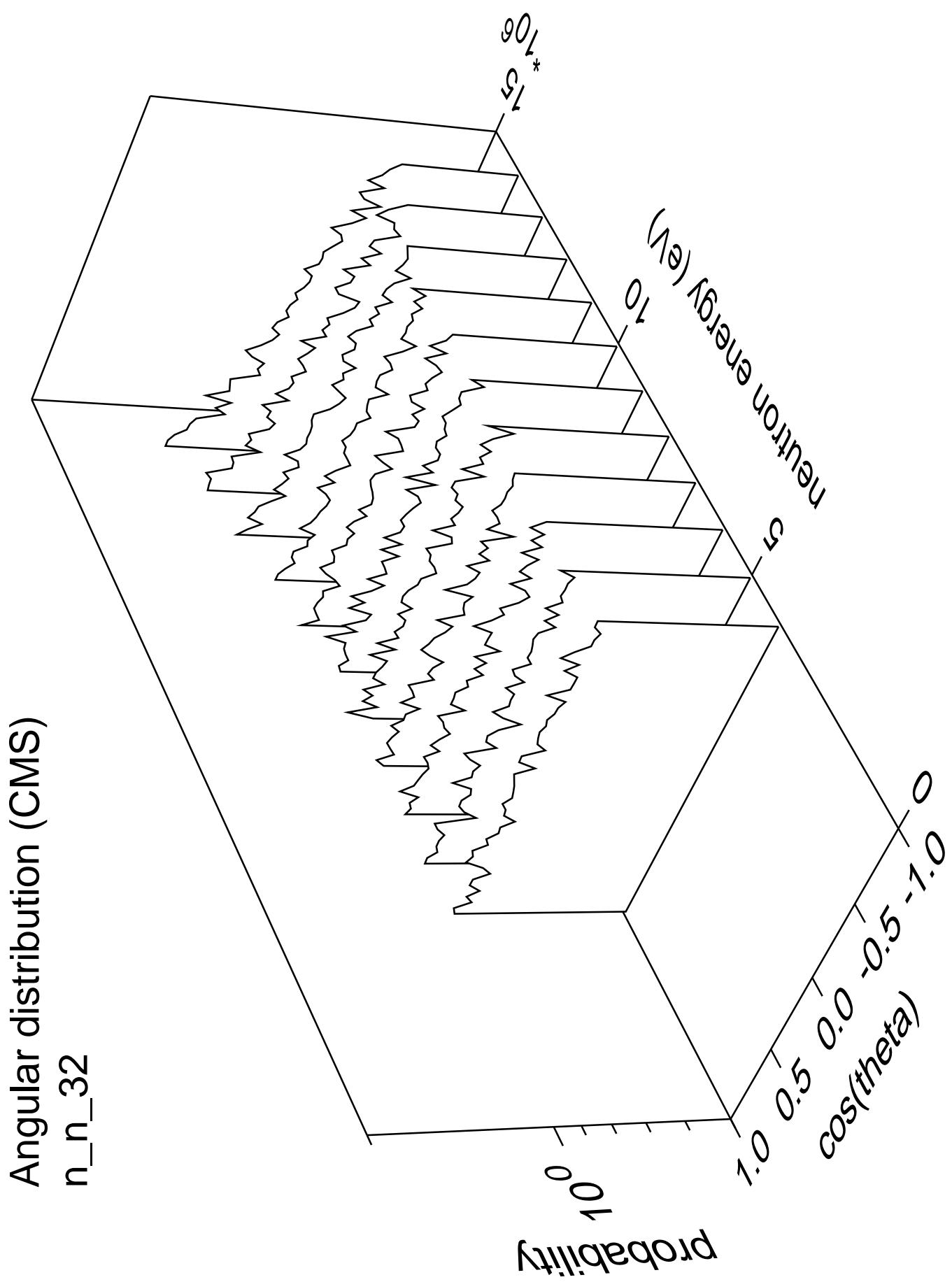


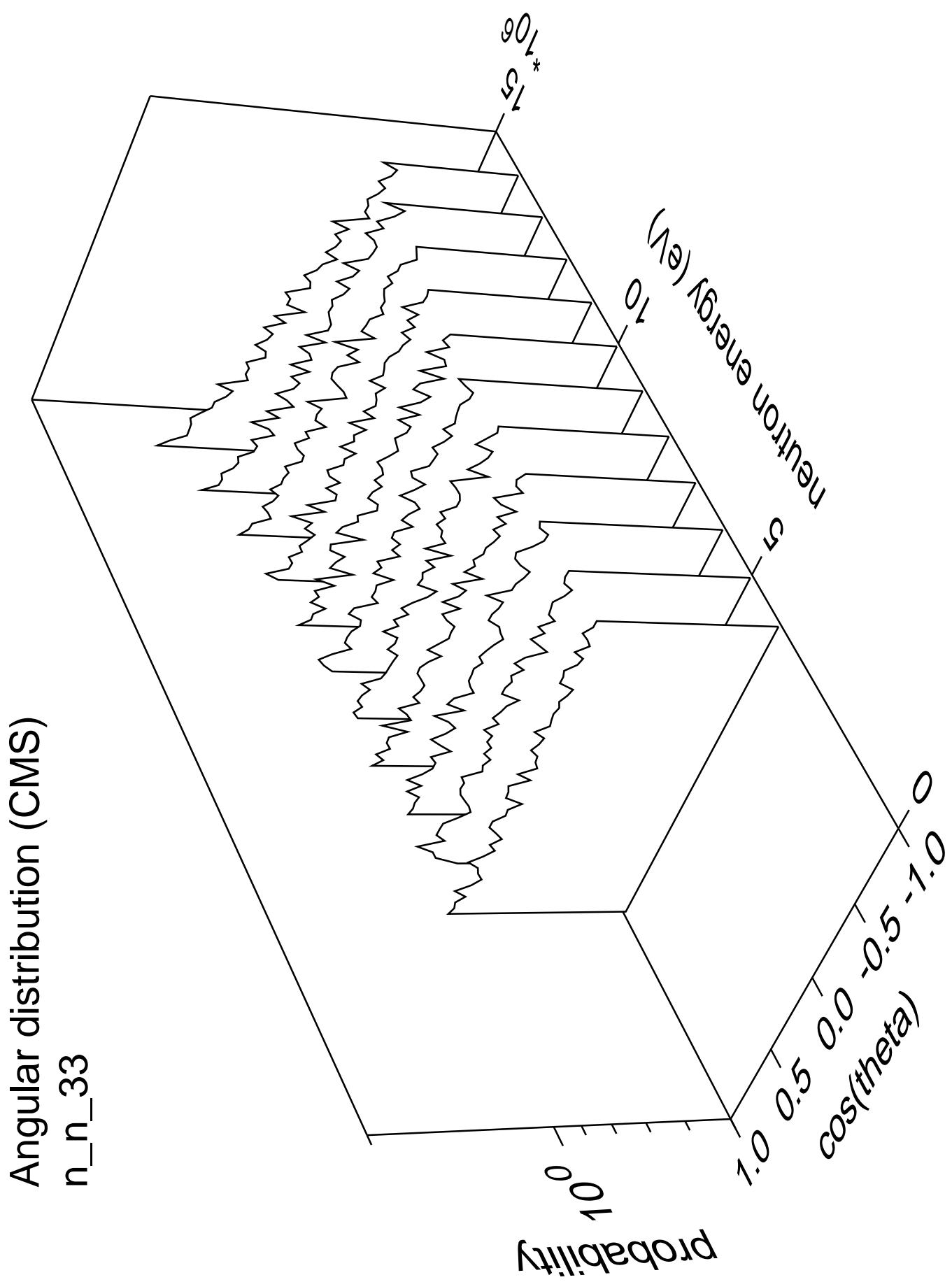




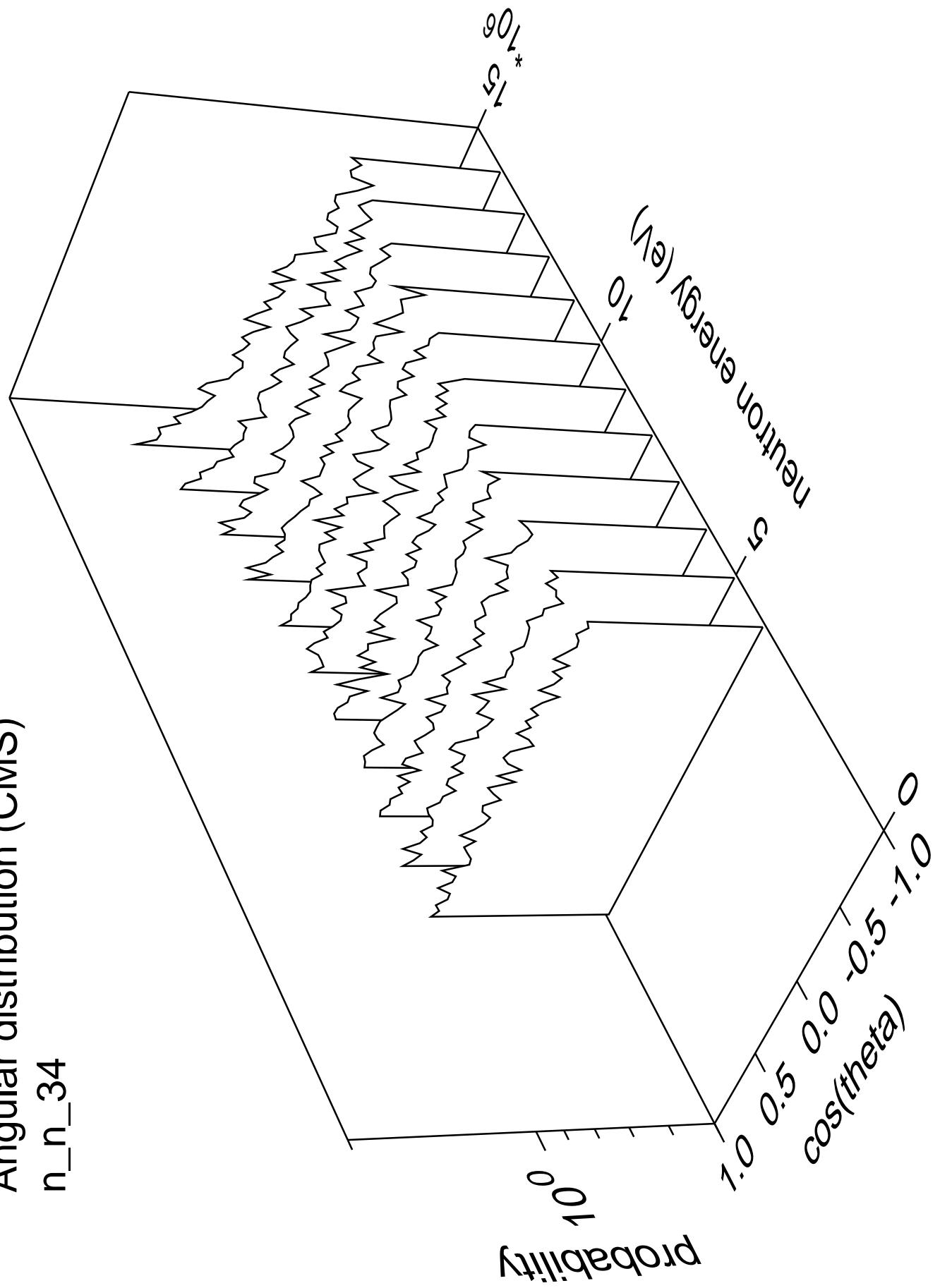


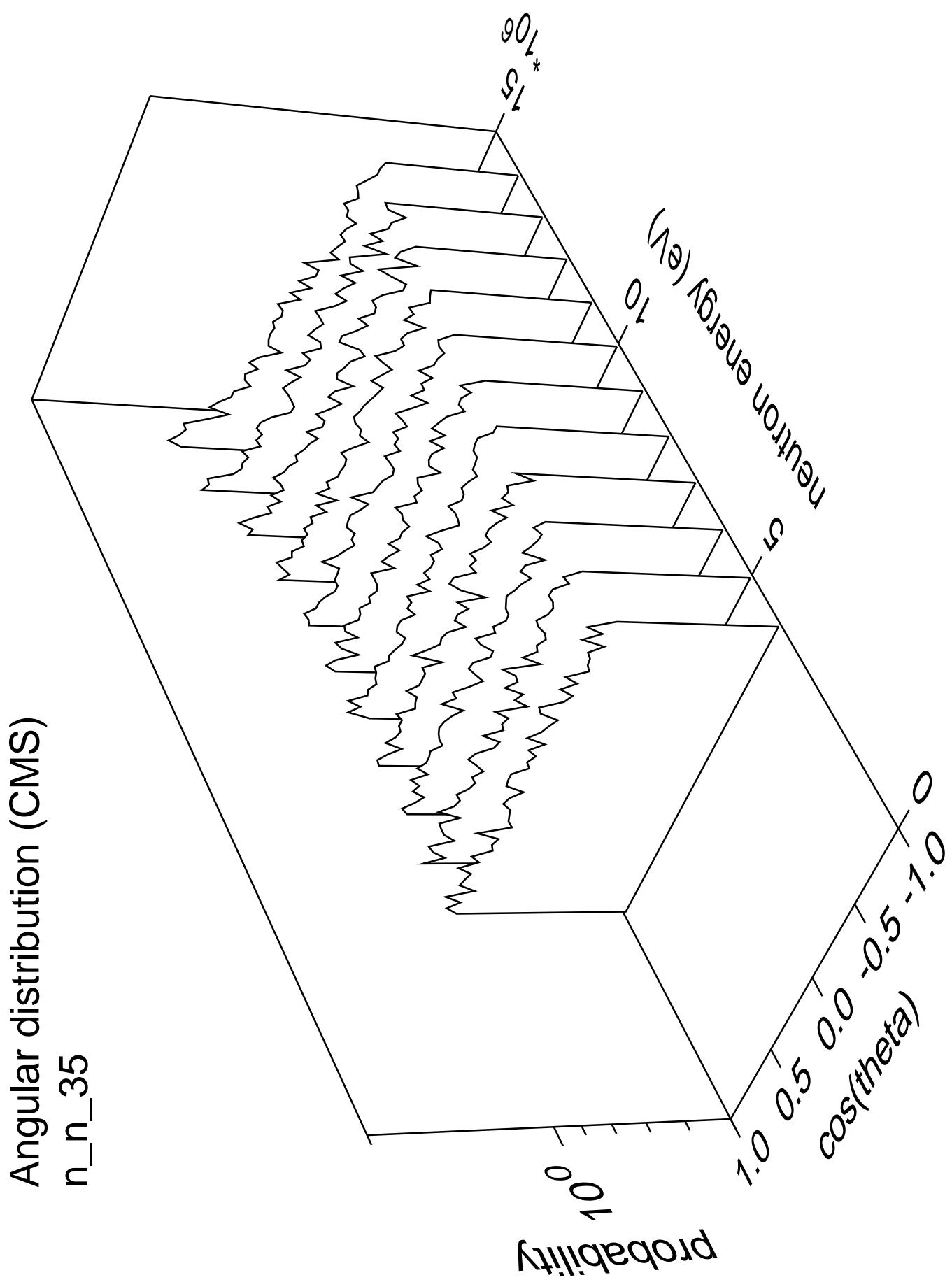


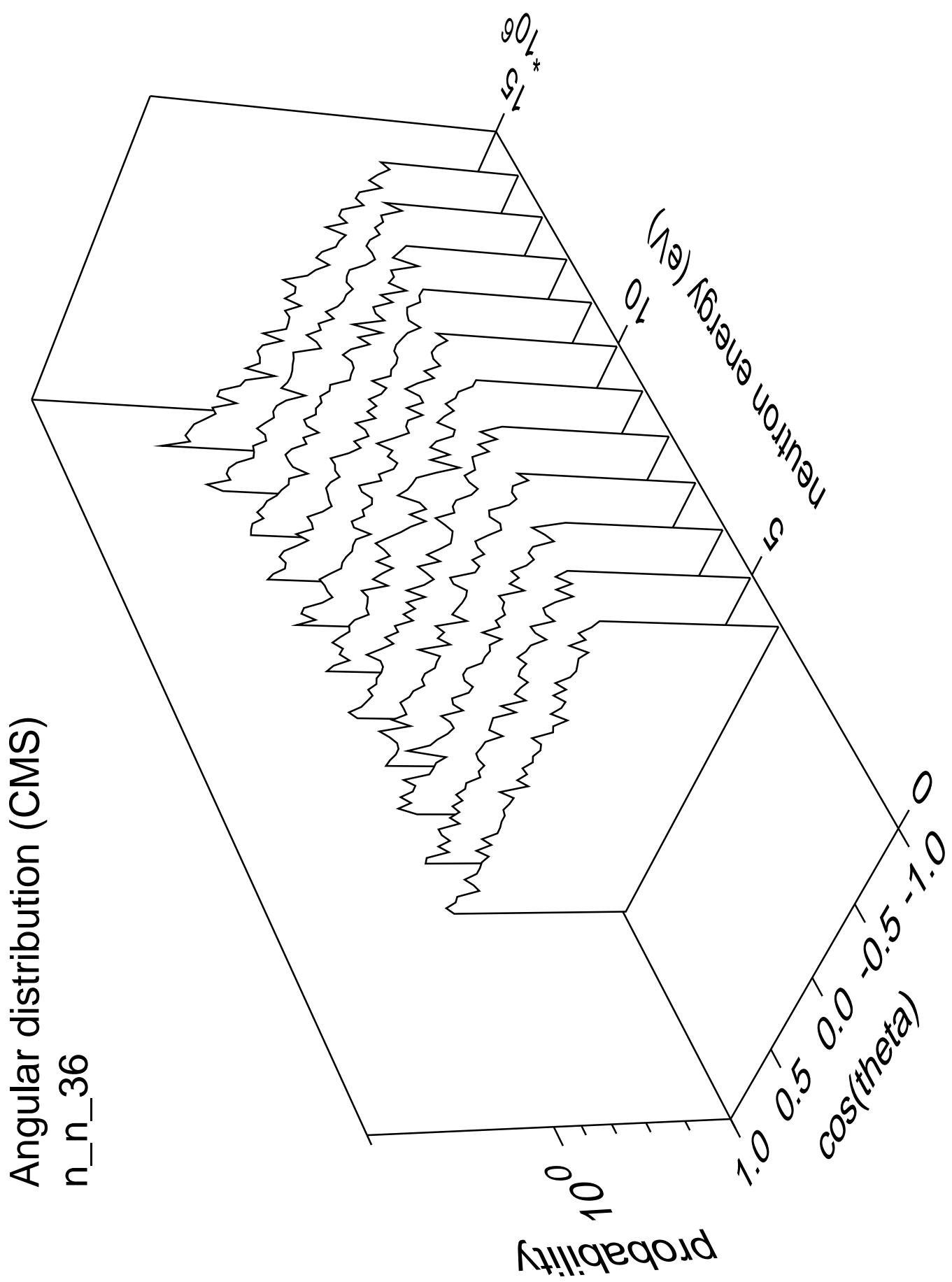




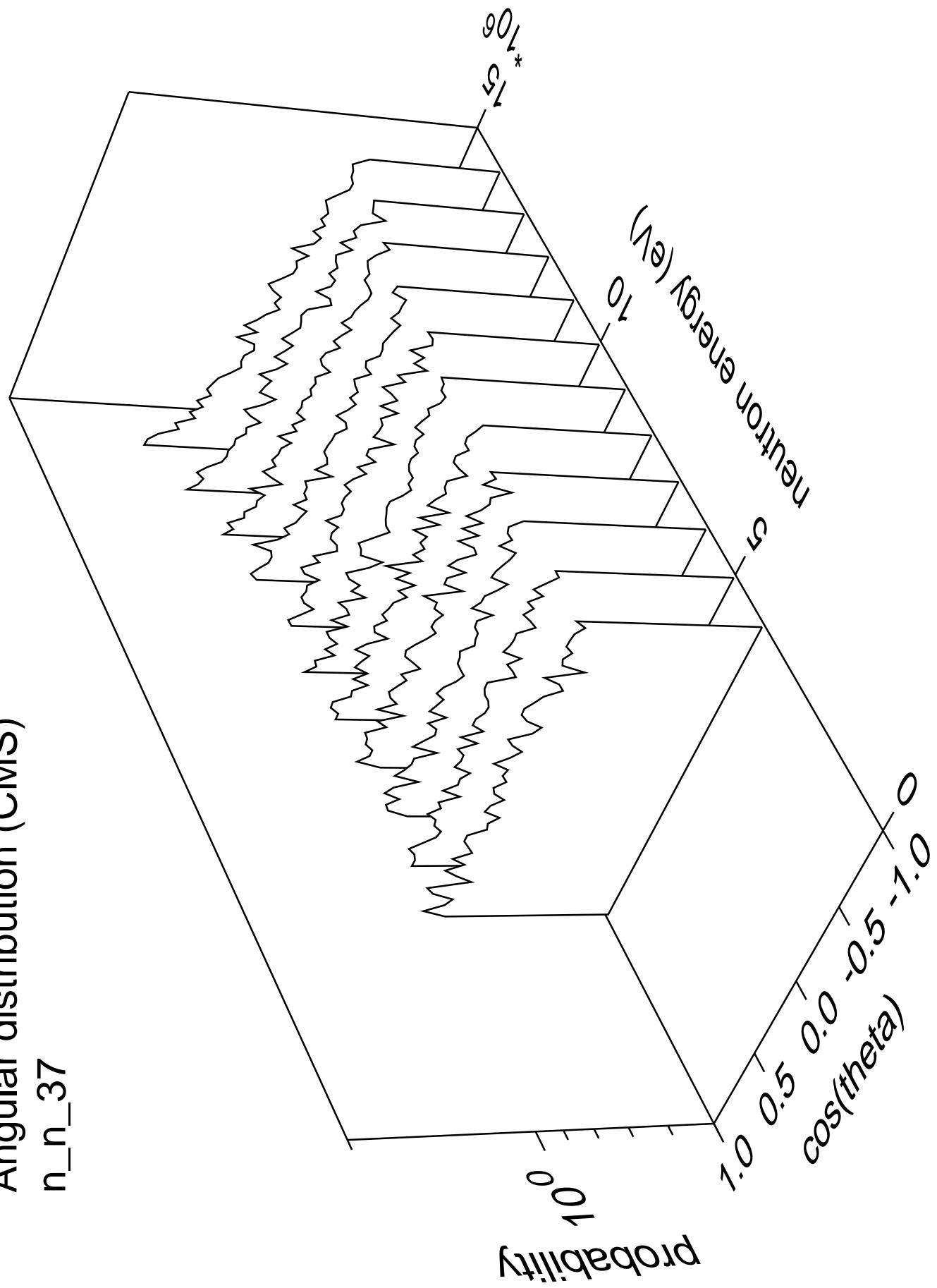
Angular distribution (CMS)
n_n_34

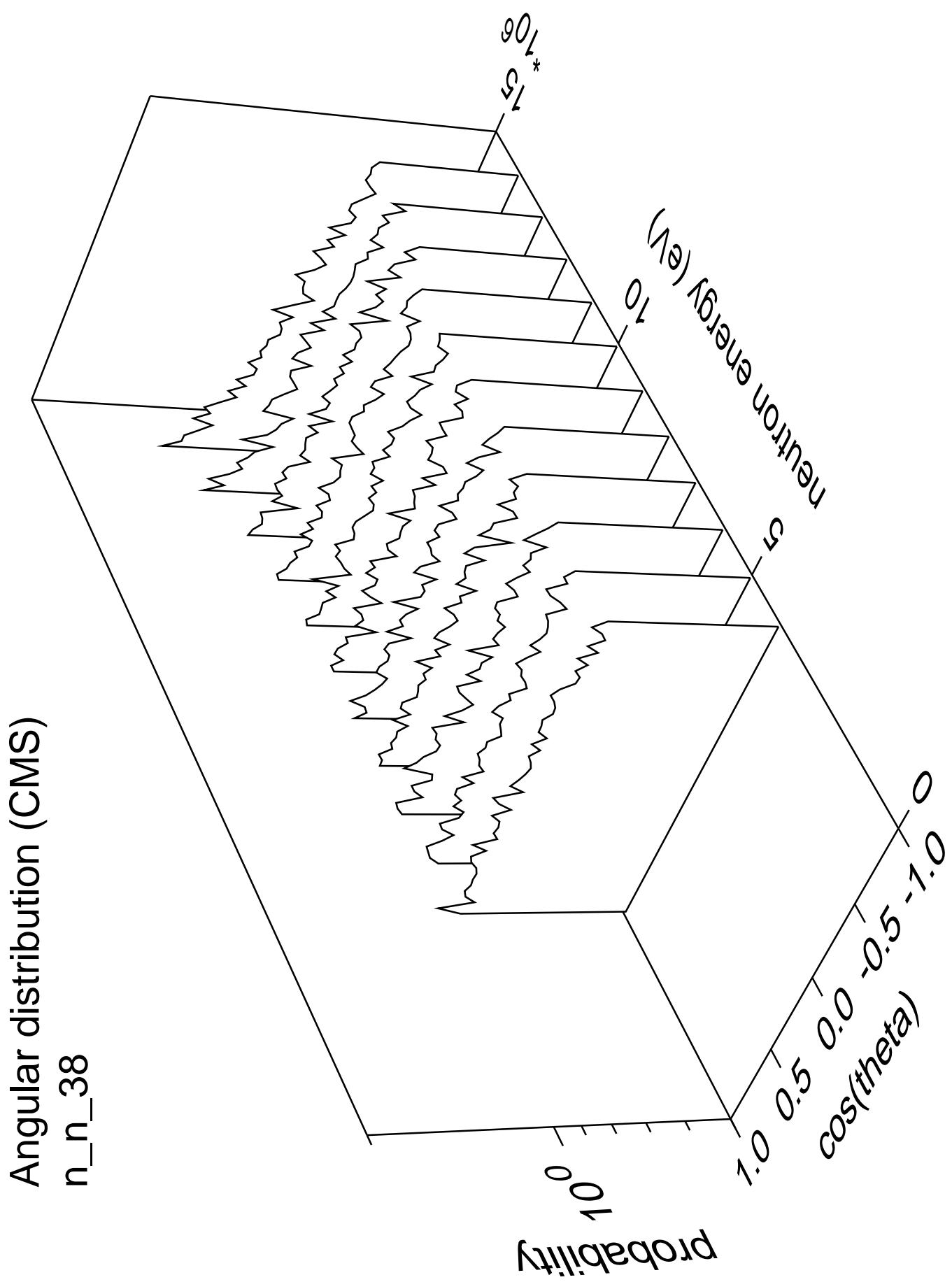


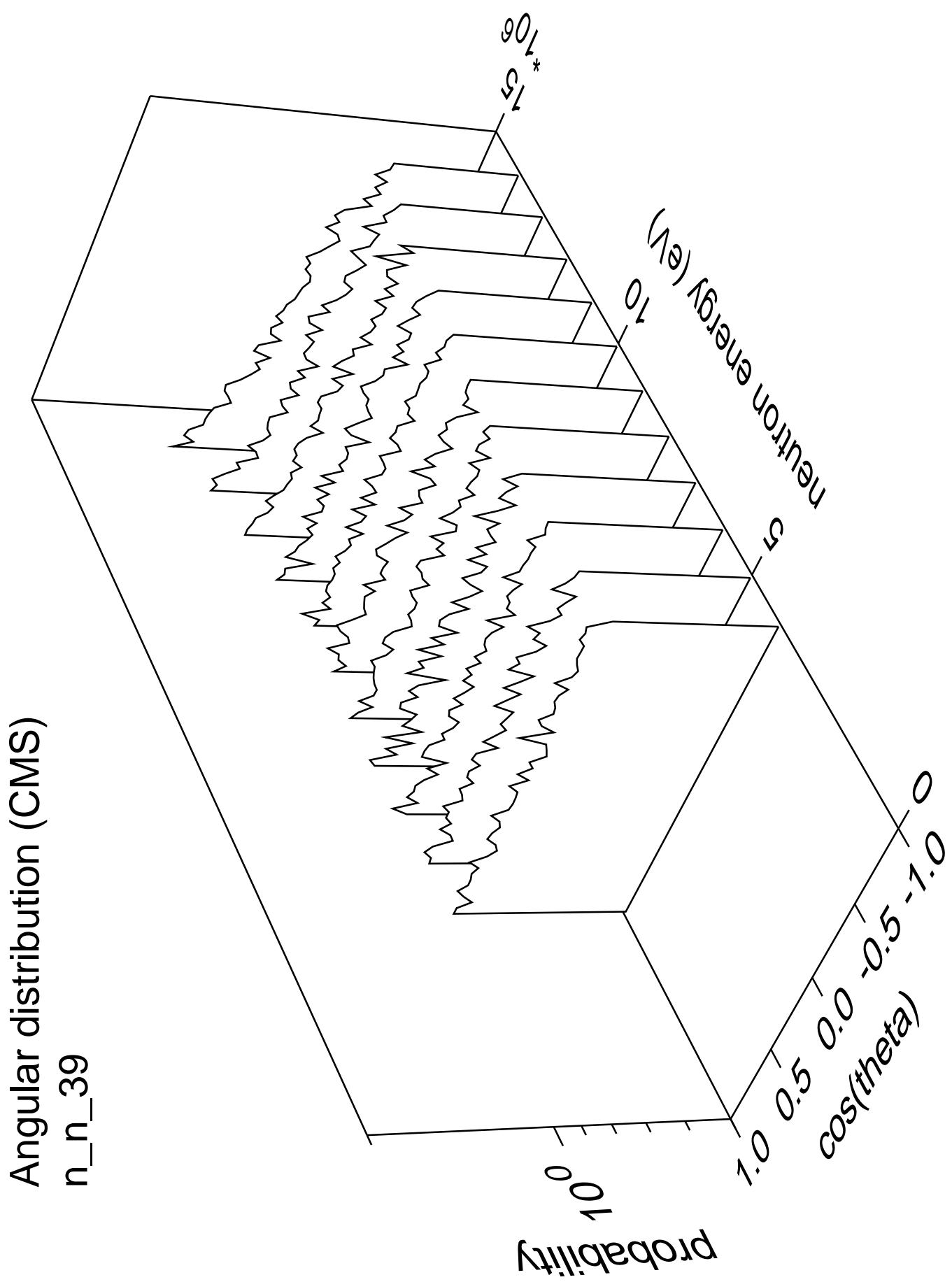


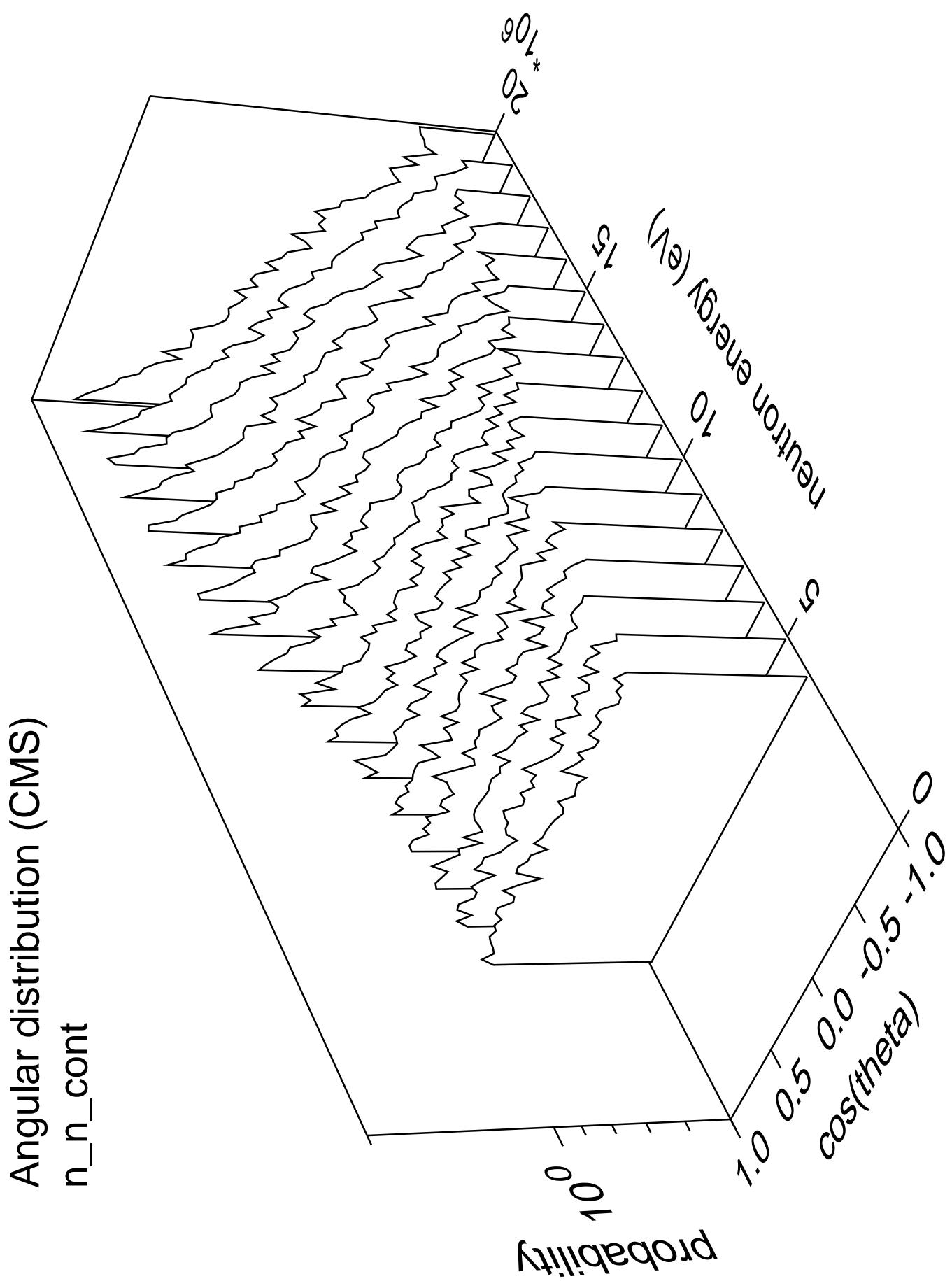


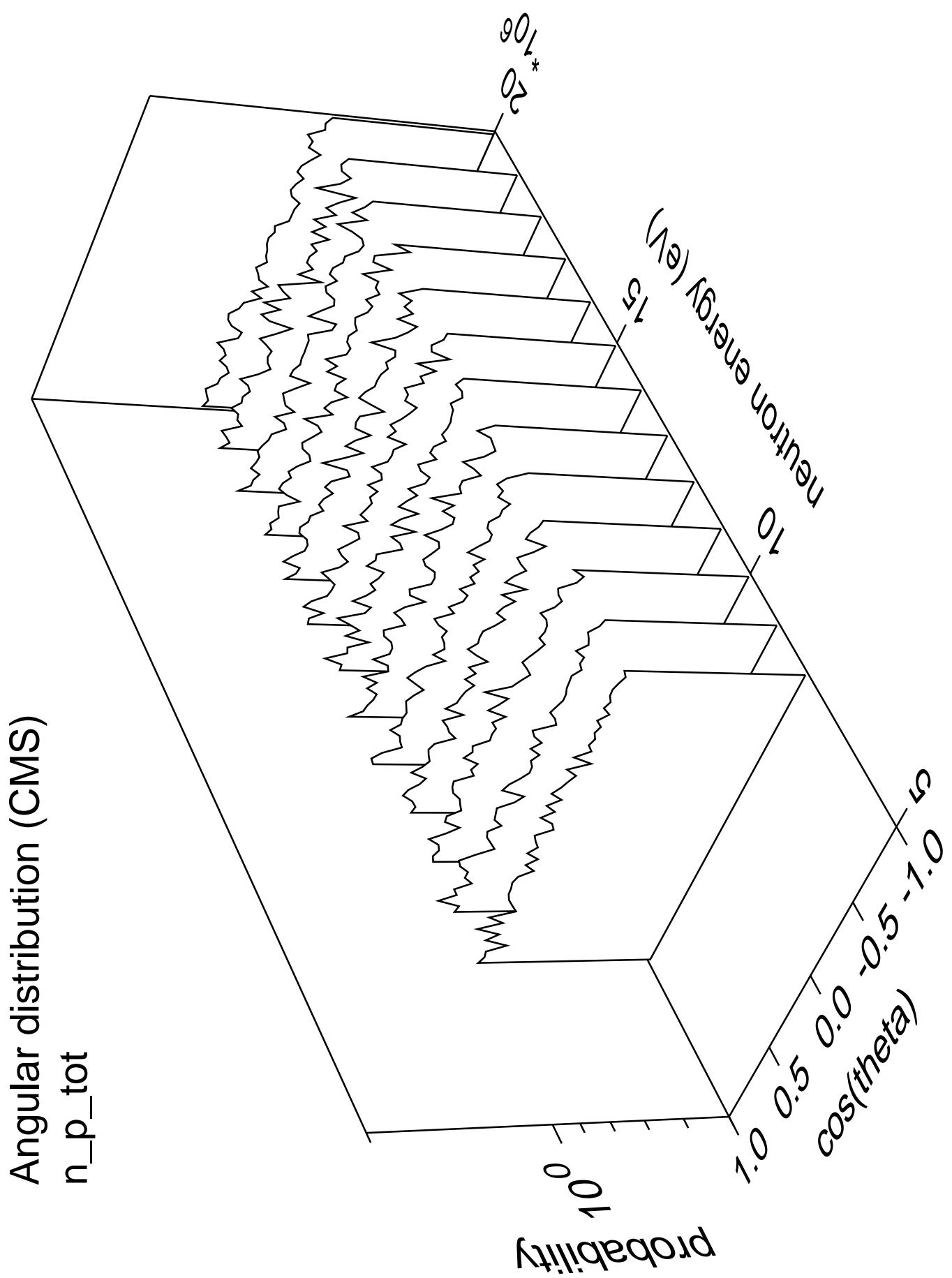
Angular distribution (CMS)
n_n_37

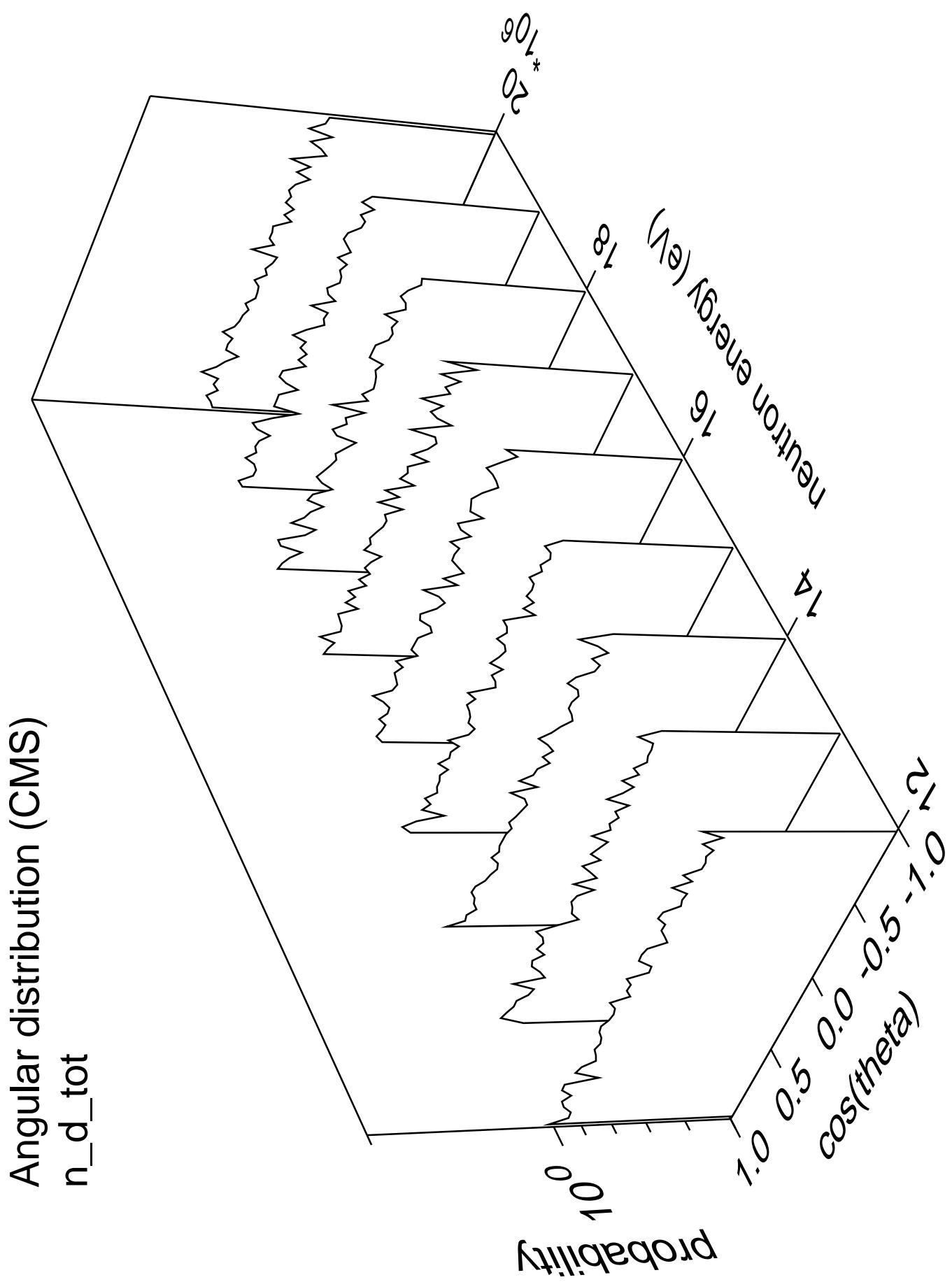


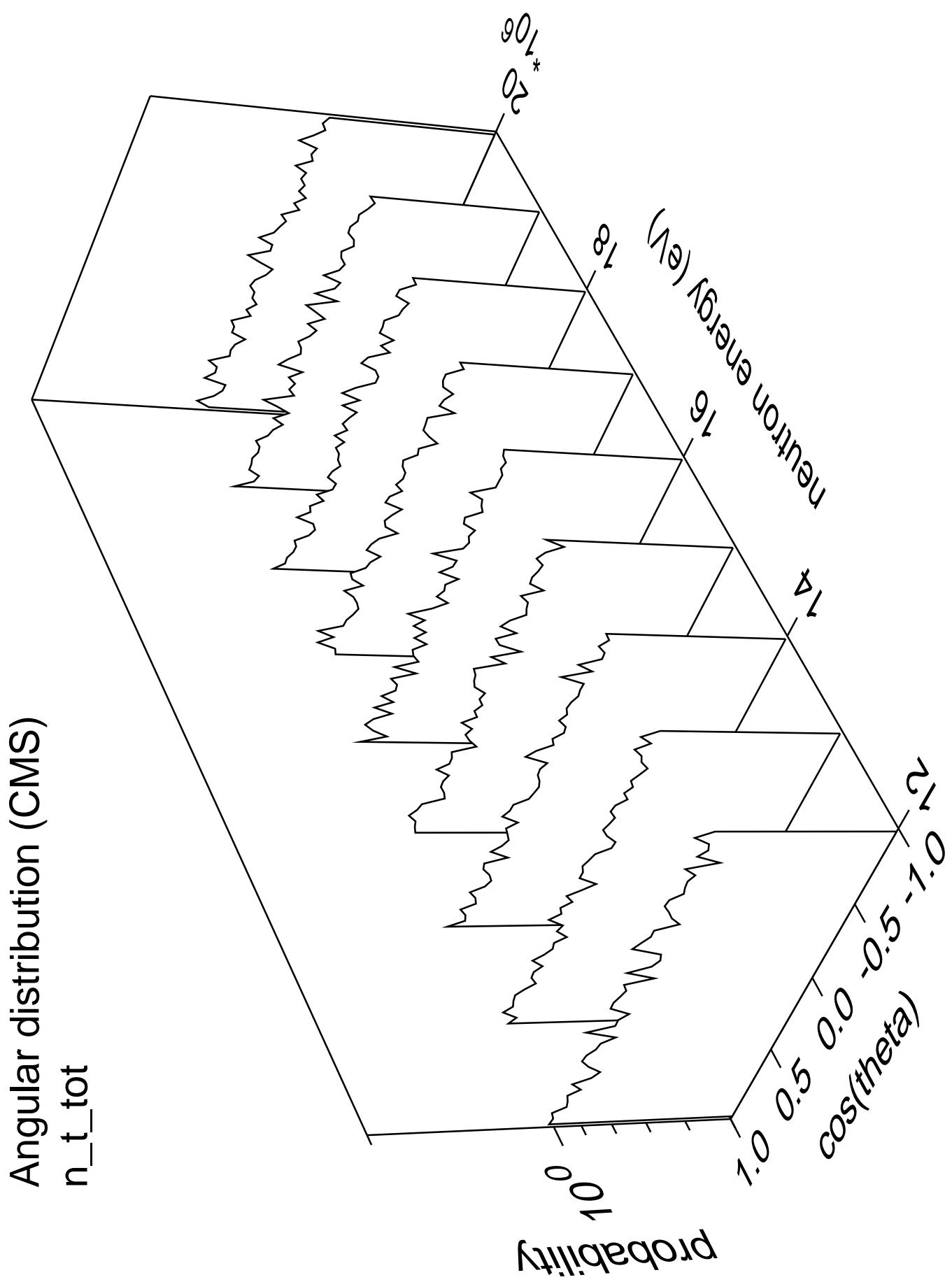


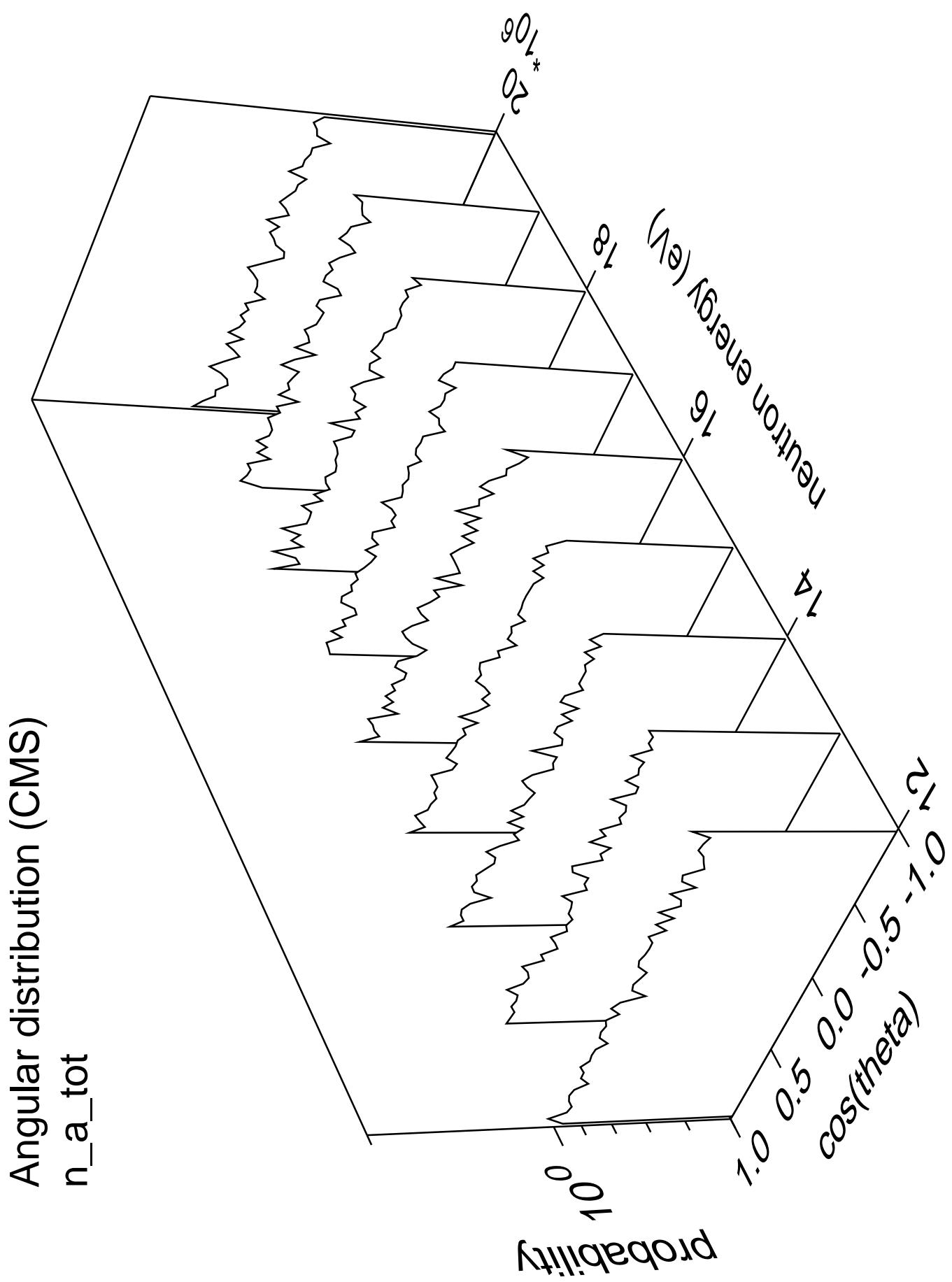


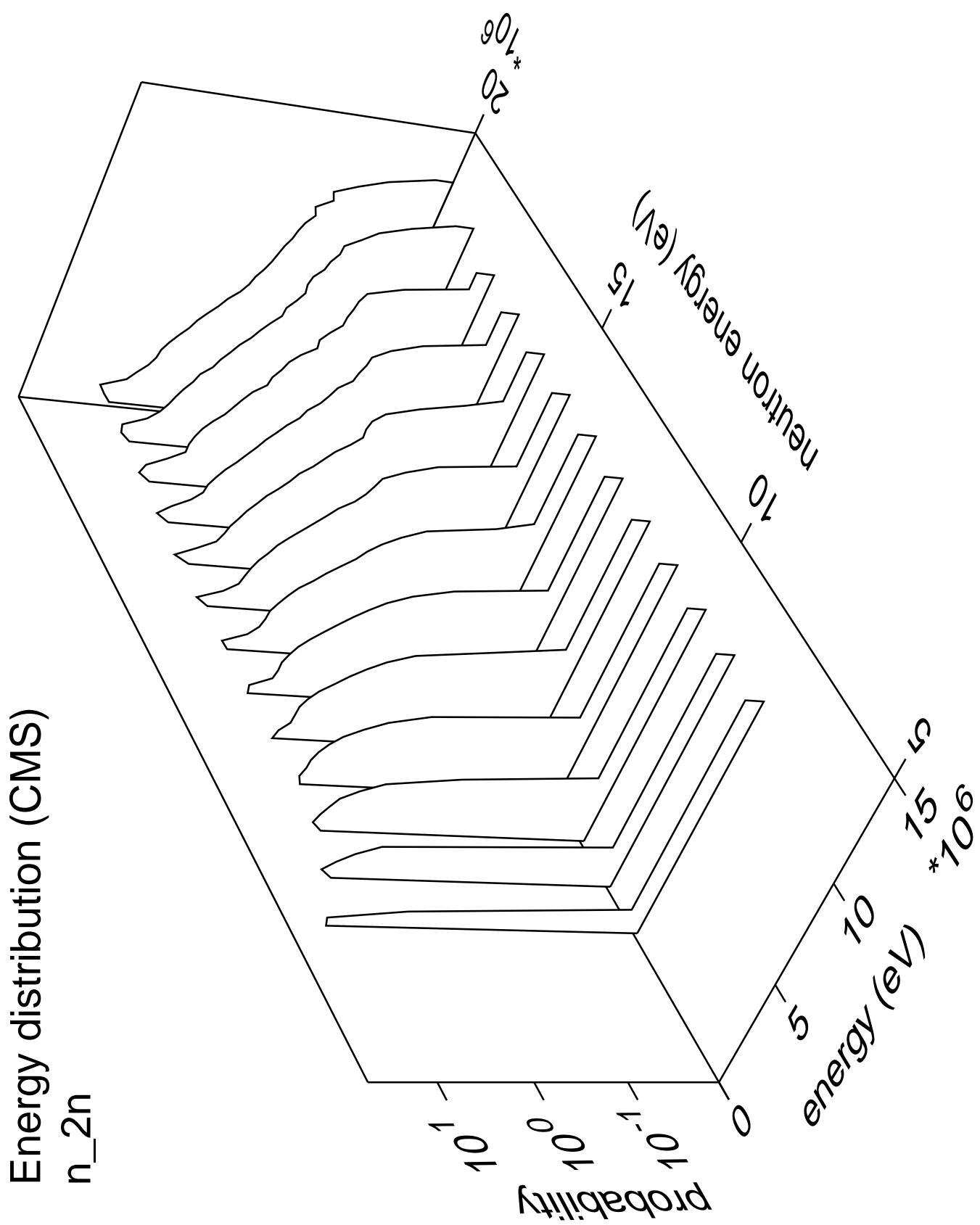


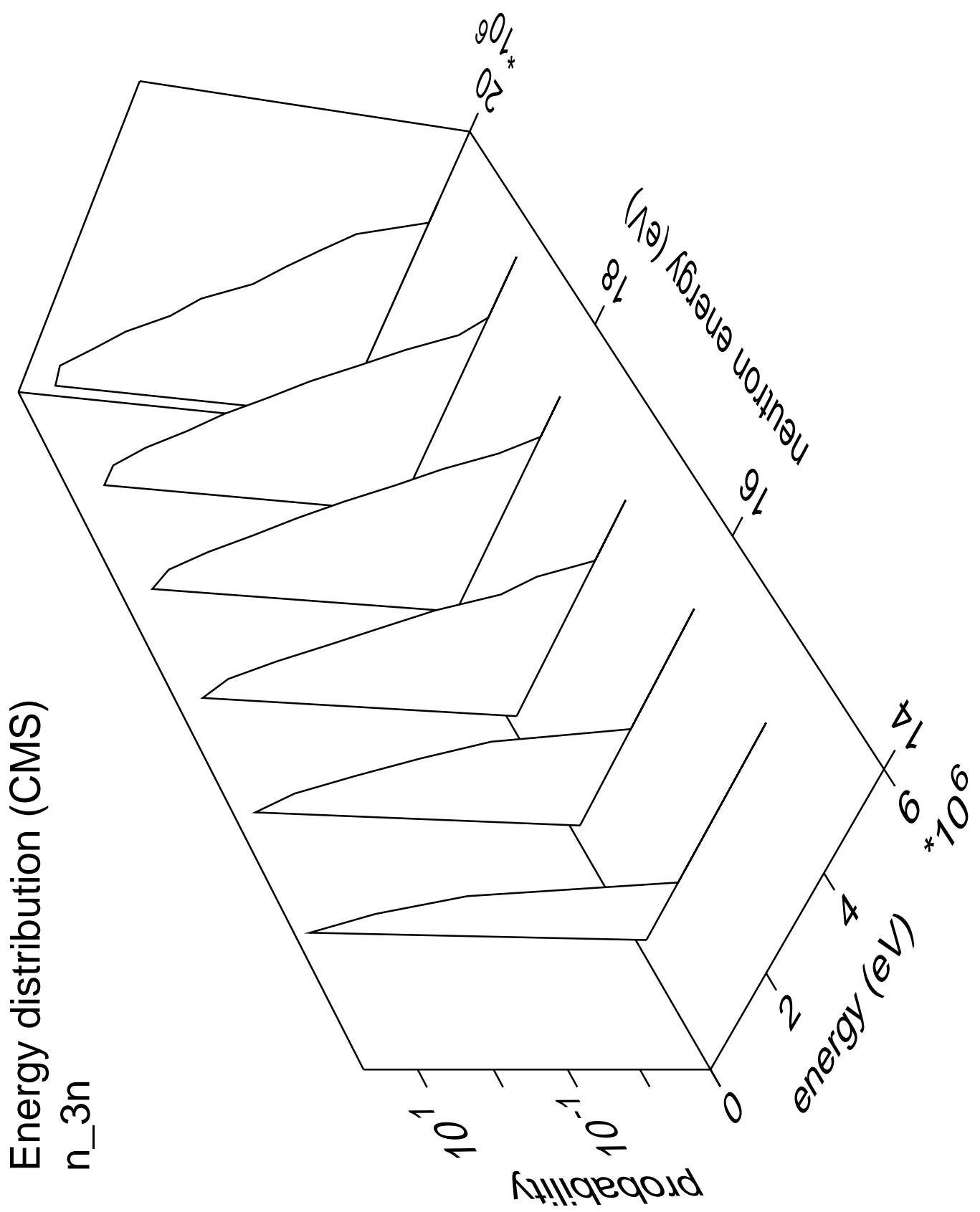


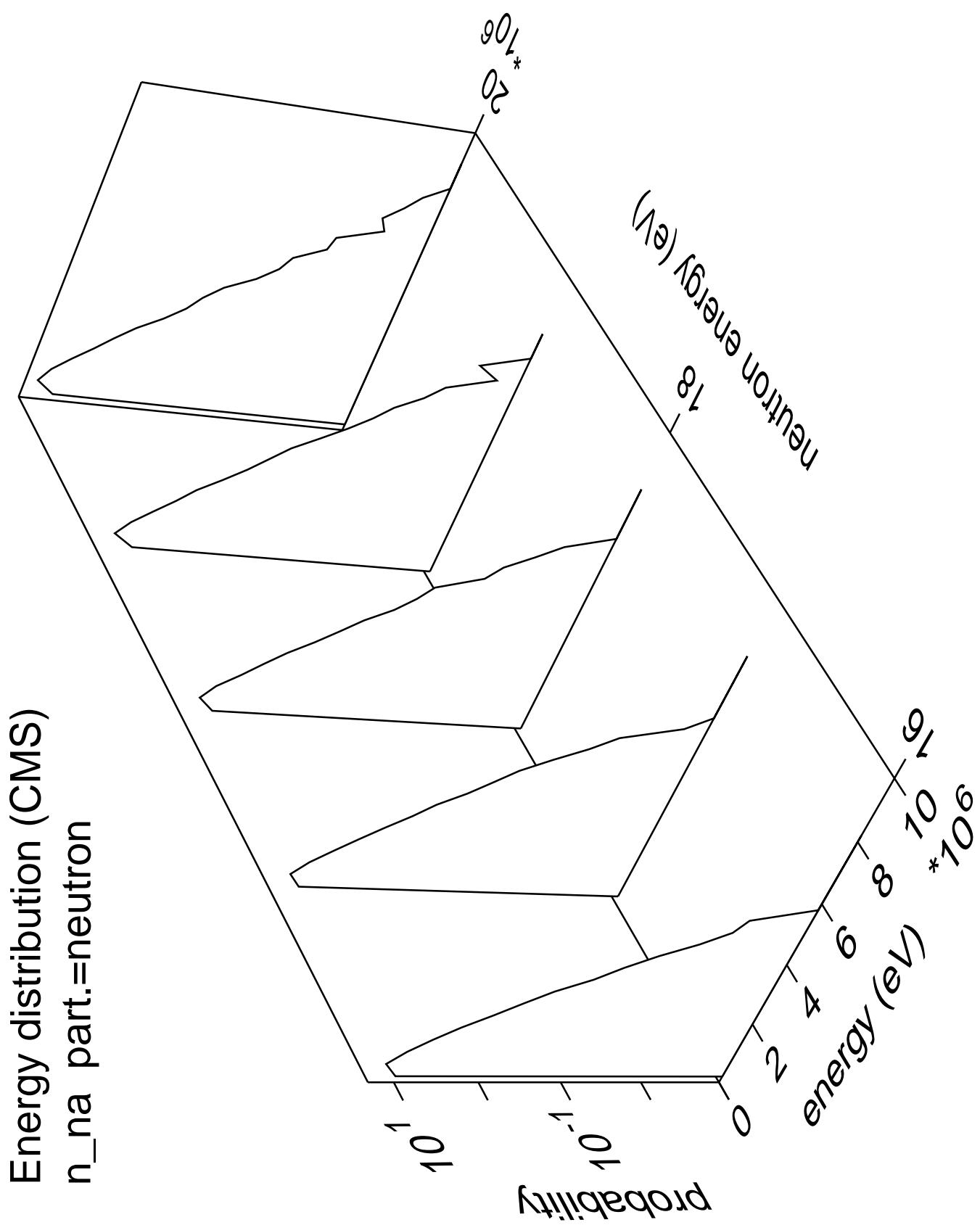




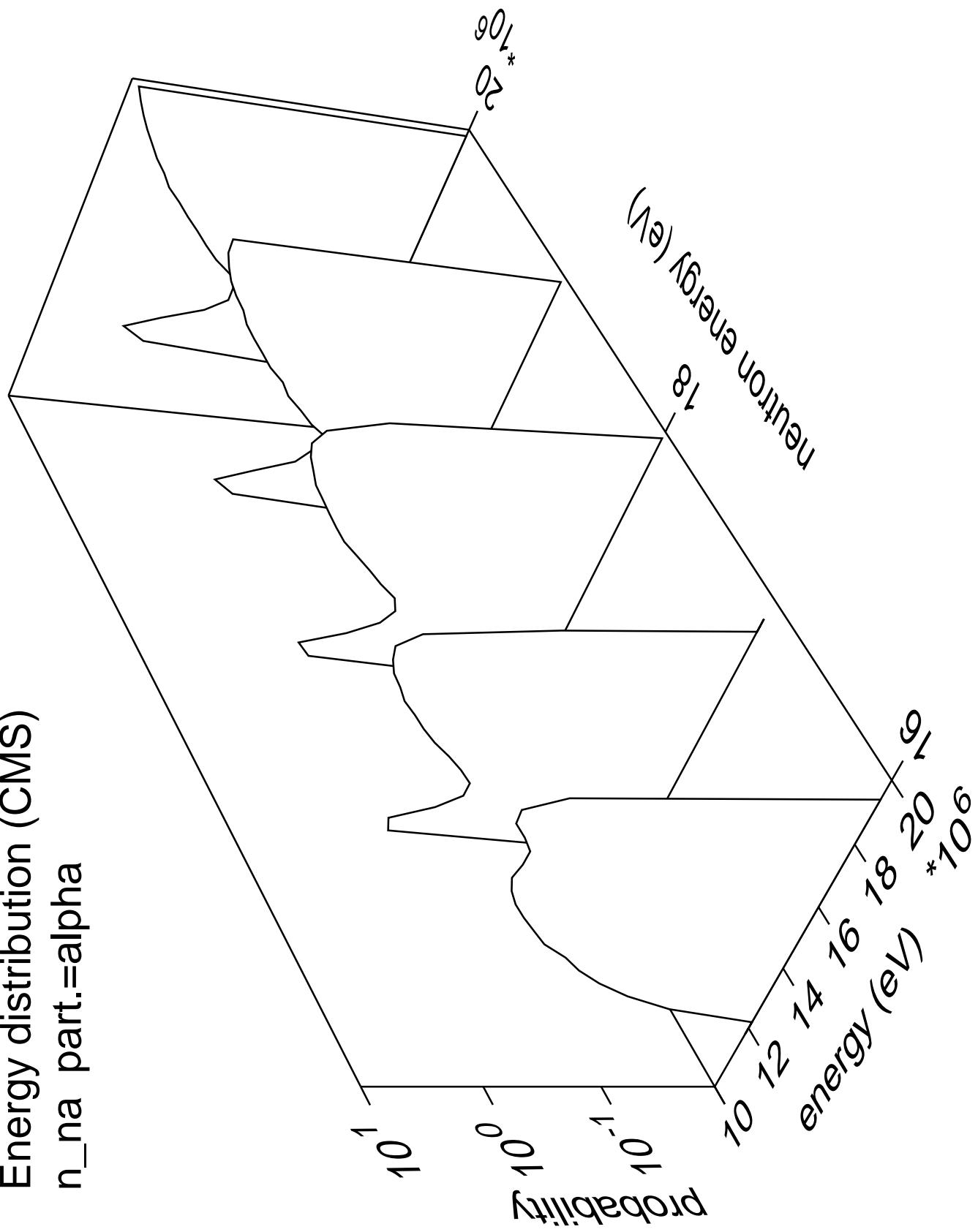




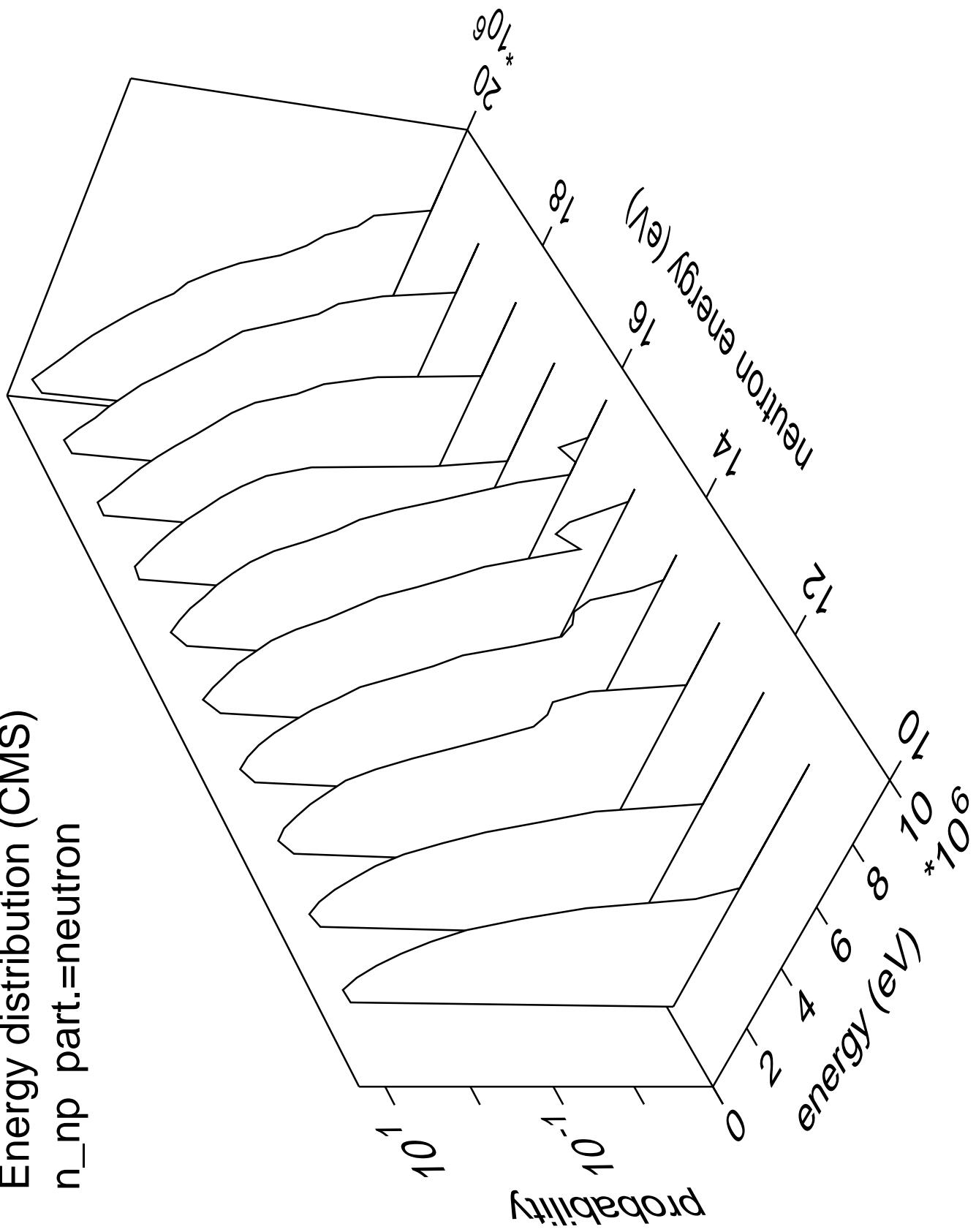




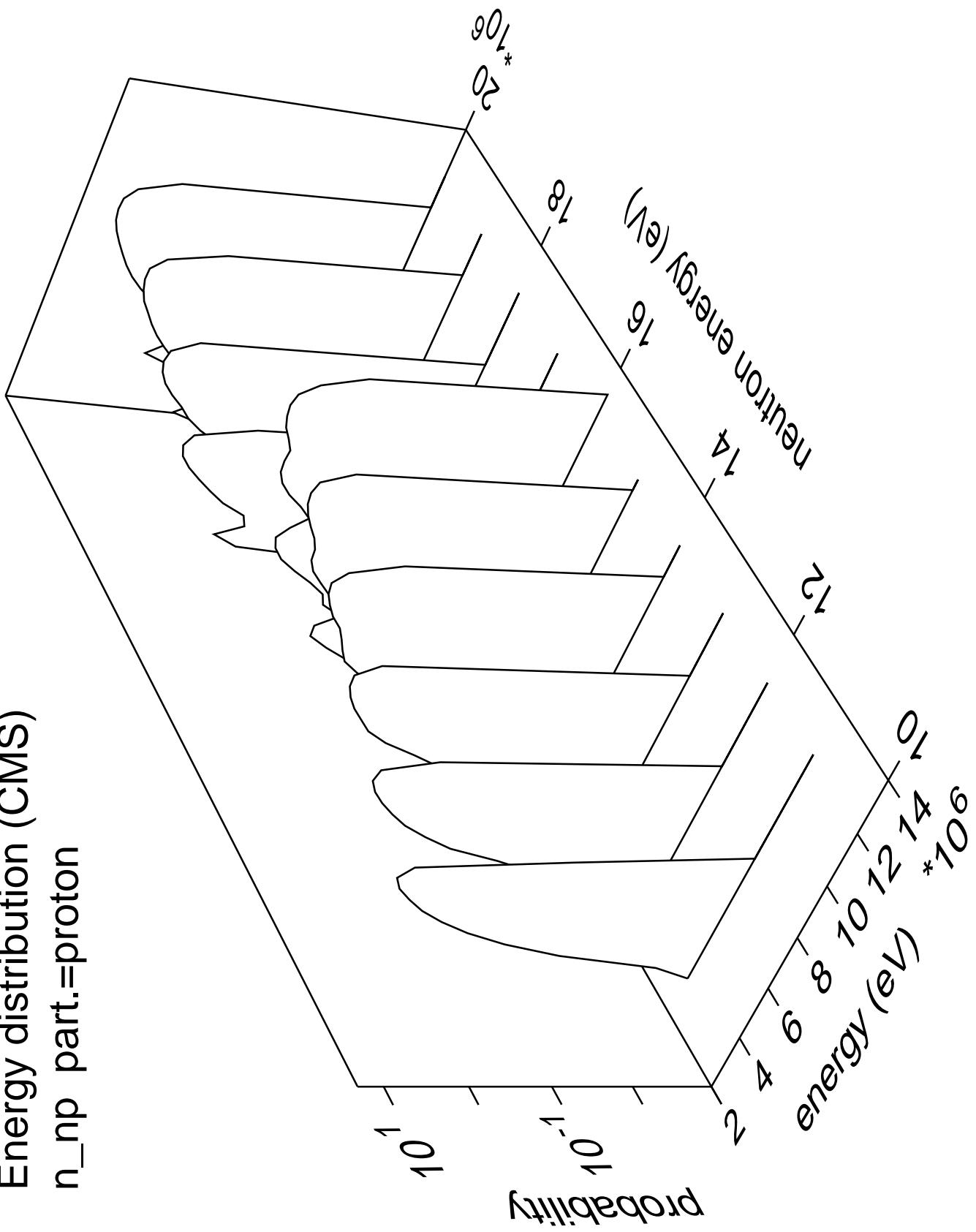
Energy distribution (CMS)
 $n_{\text{na}} \text{ part.} = \text{alpha}$

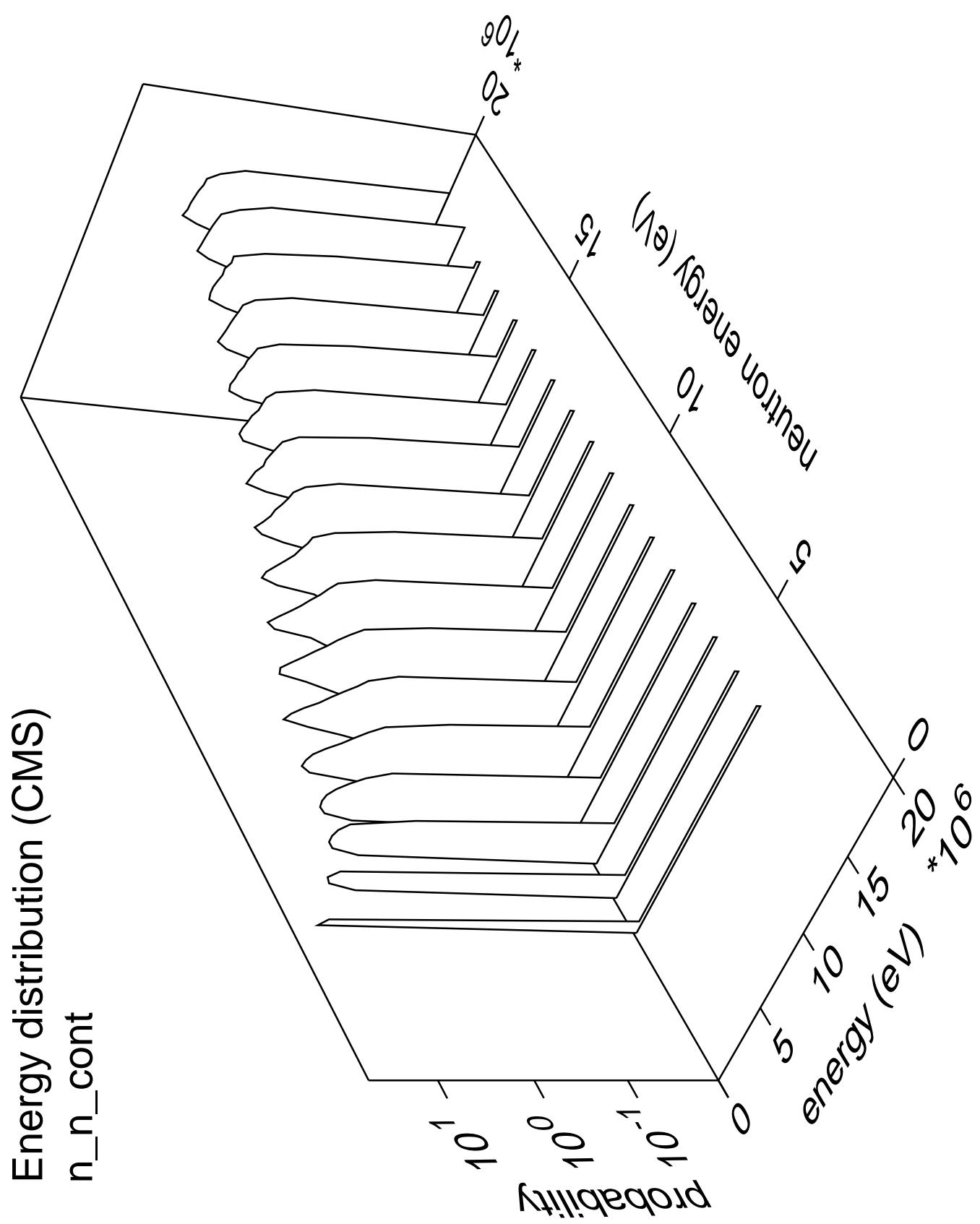


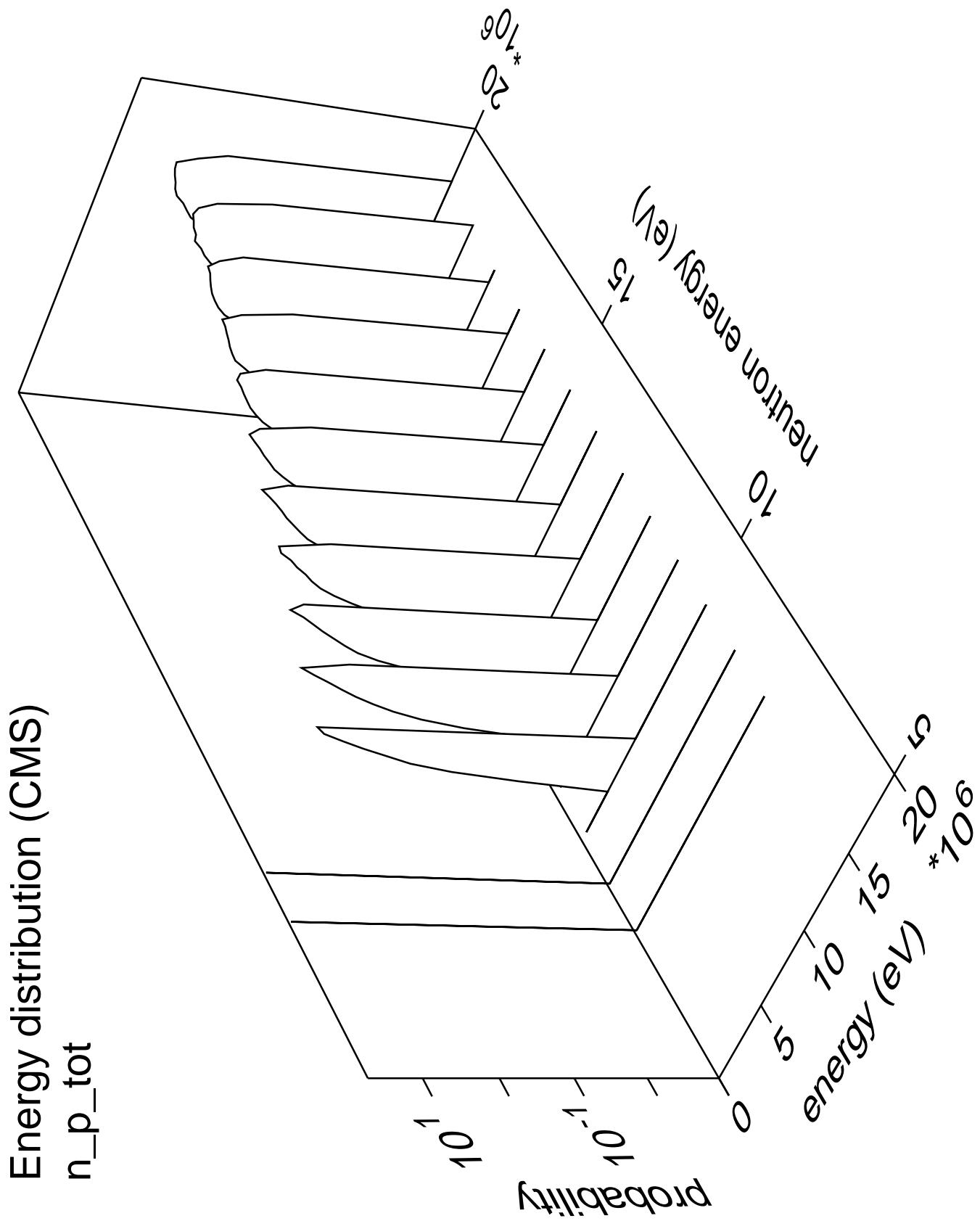
Energy distribution (CMS)
 n_{np} part.=neutron

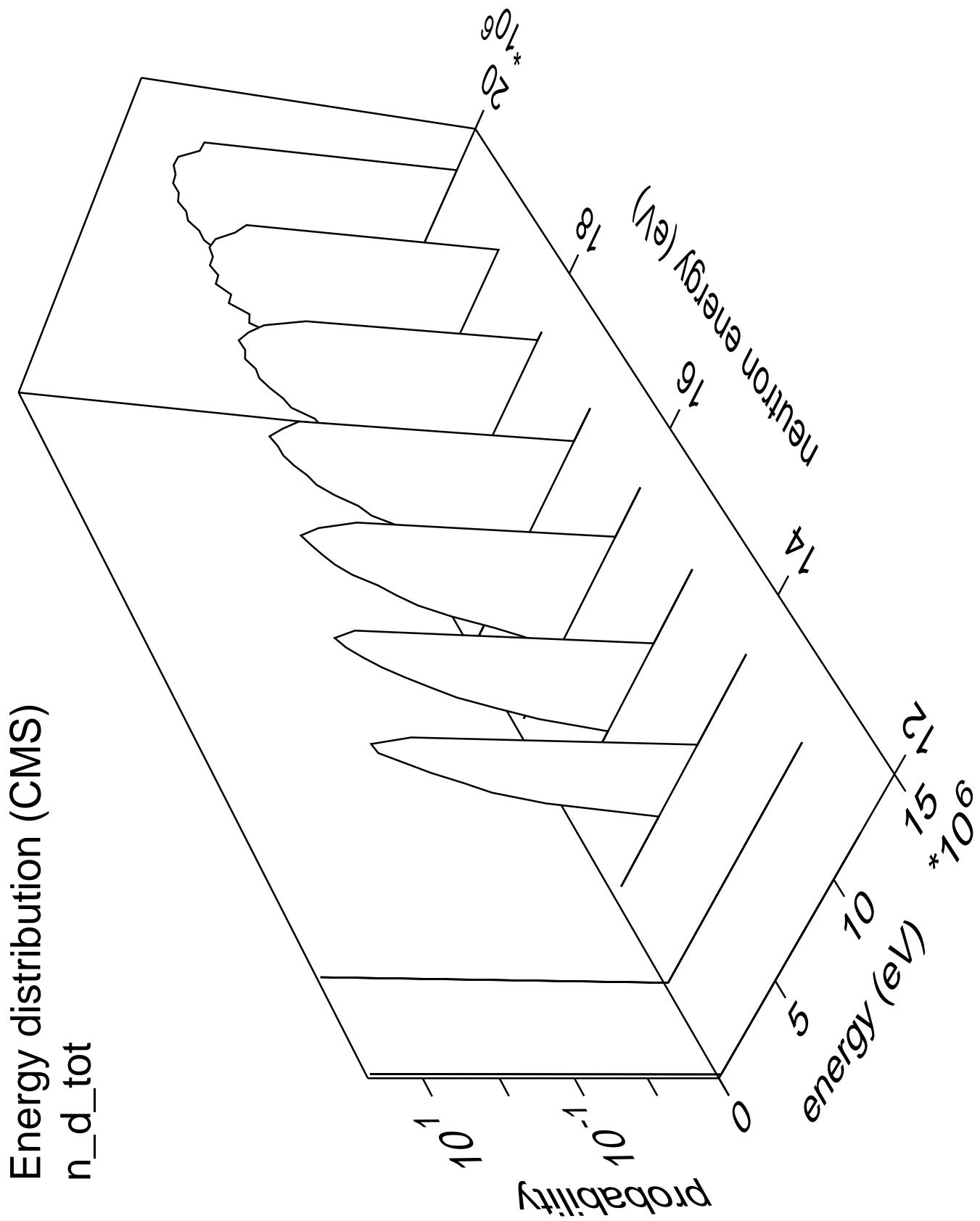


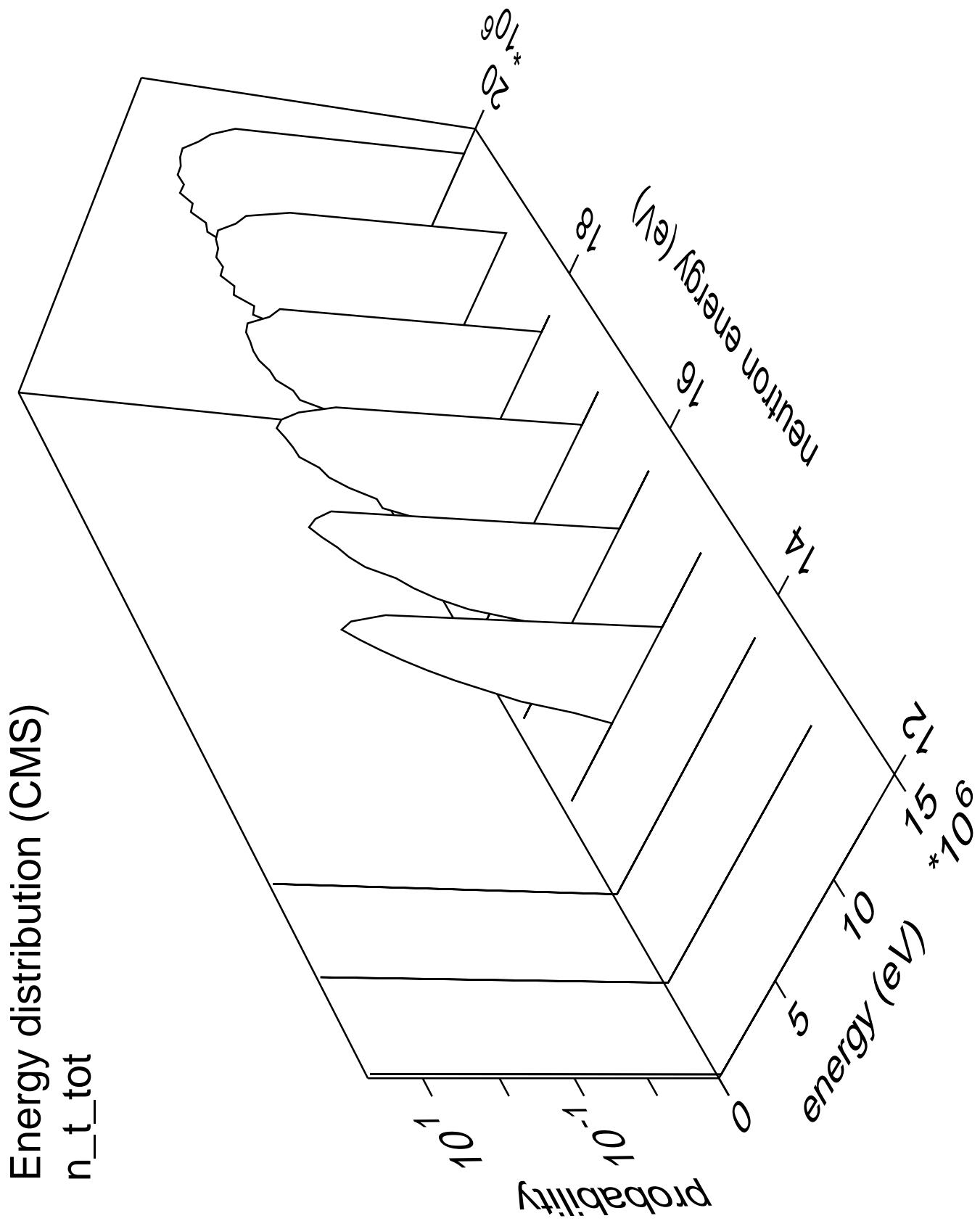
Energy distribution (CMS)
 n_{np} part.=proton

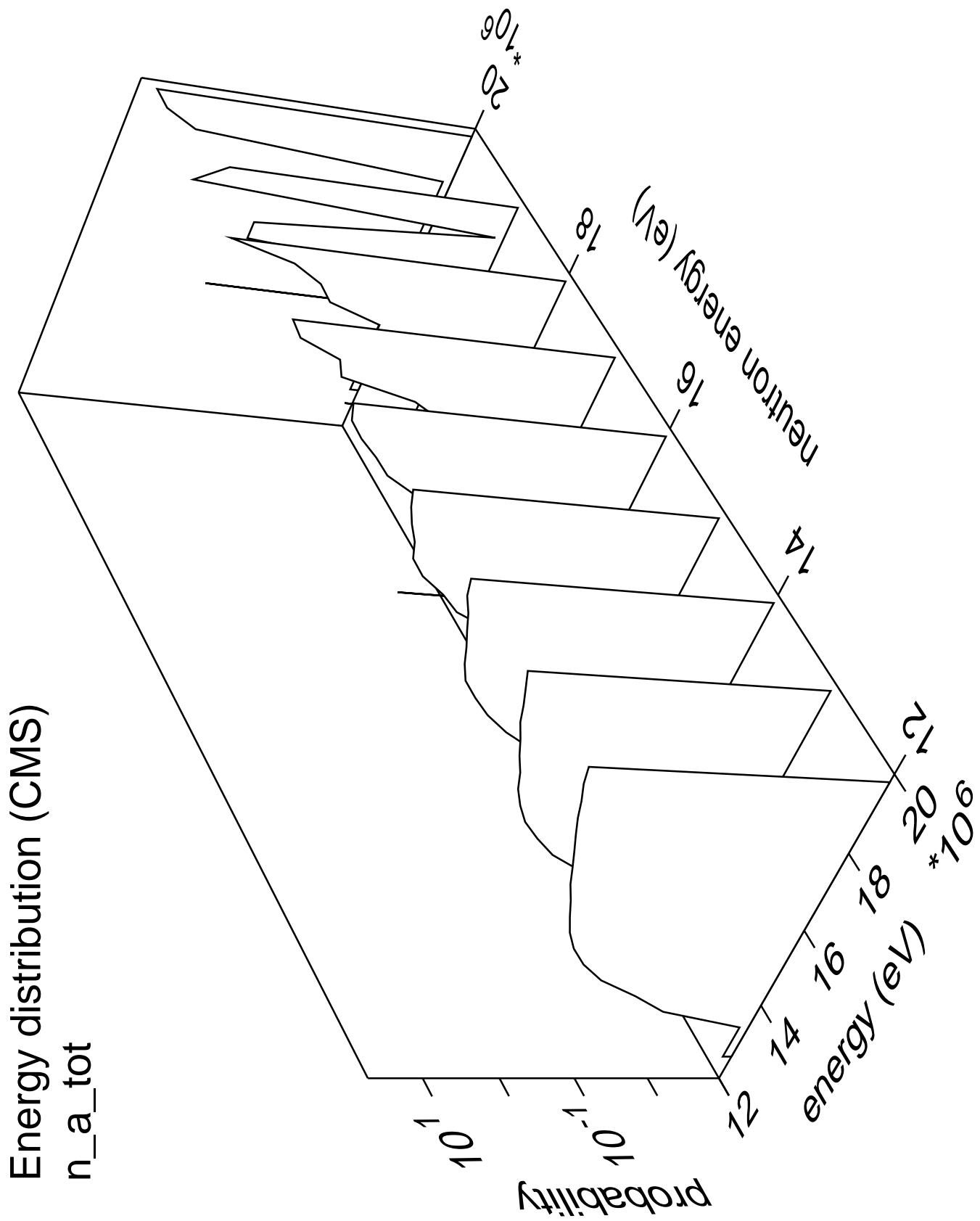




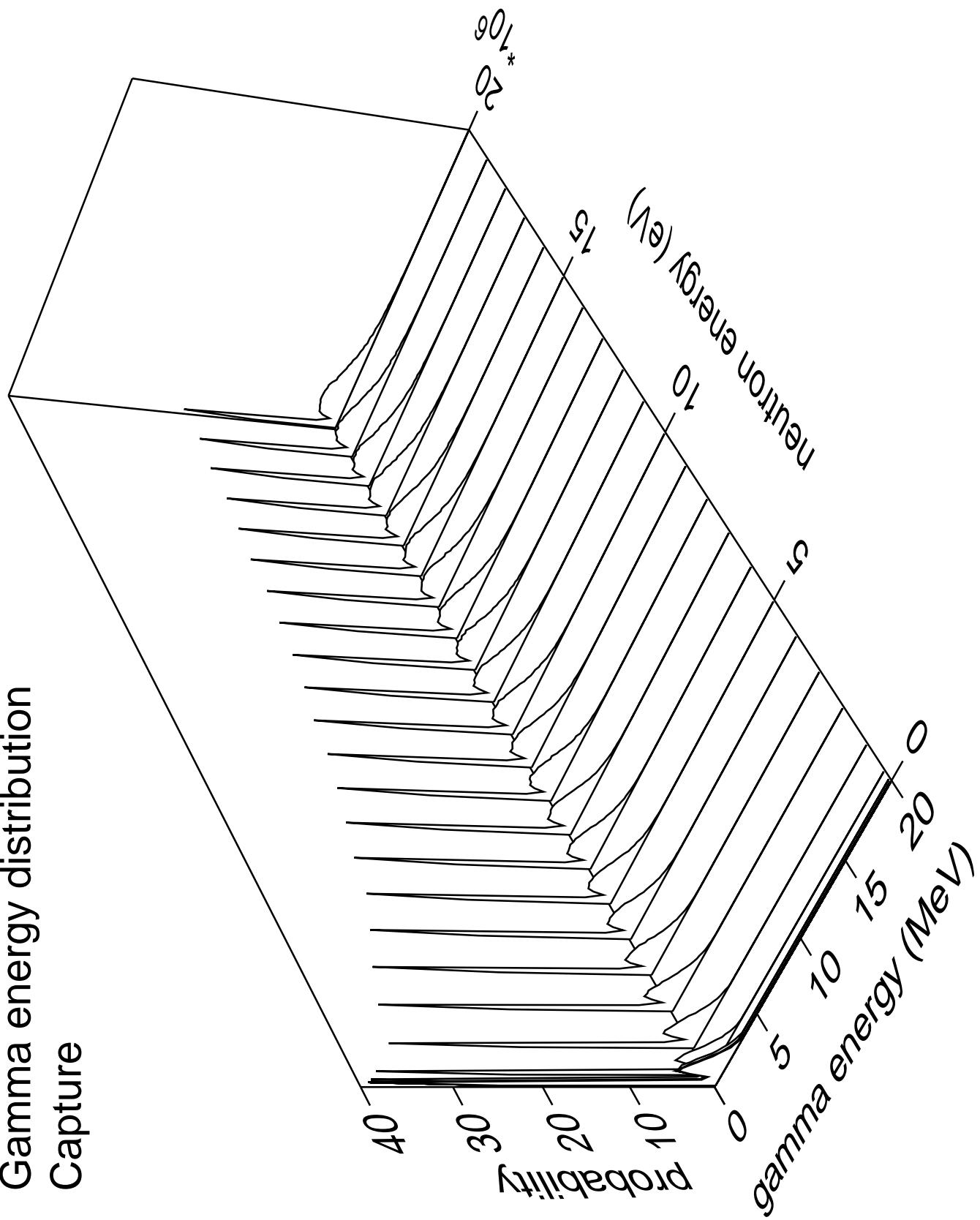




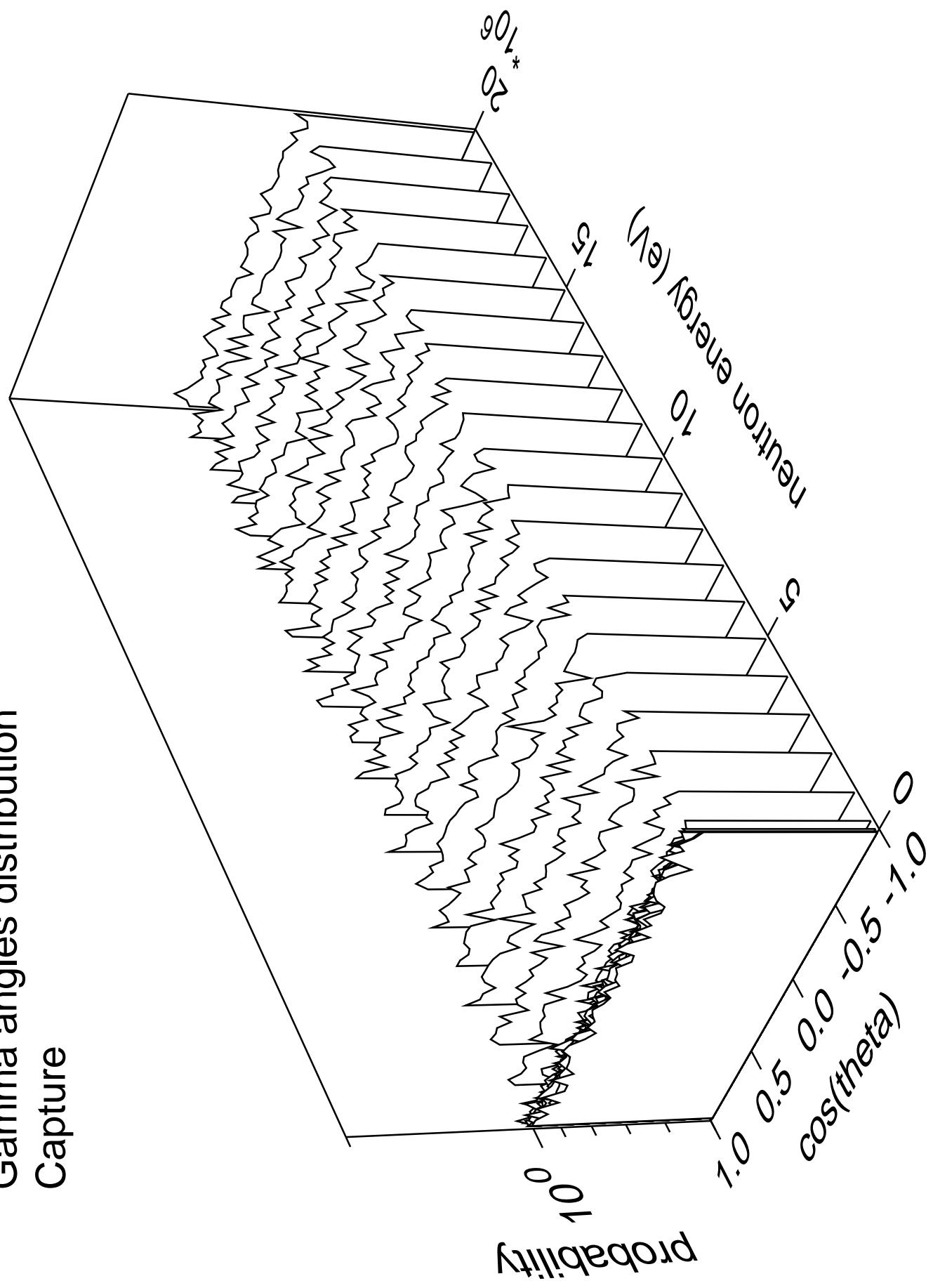




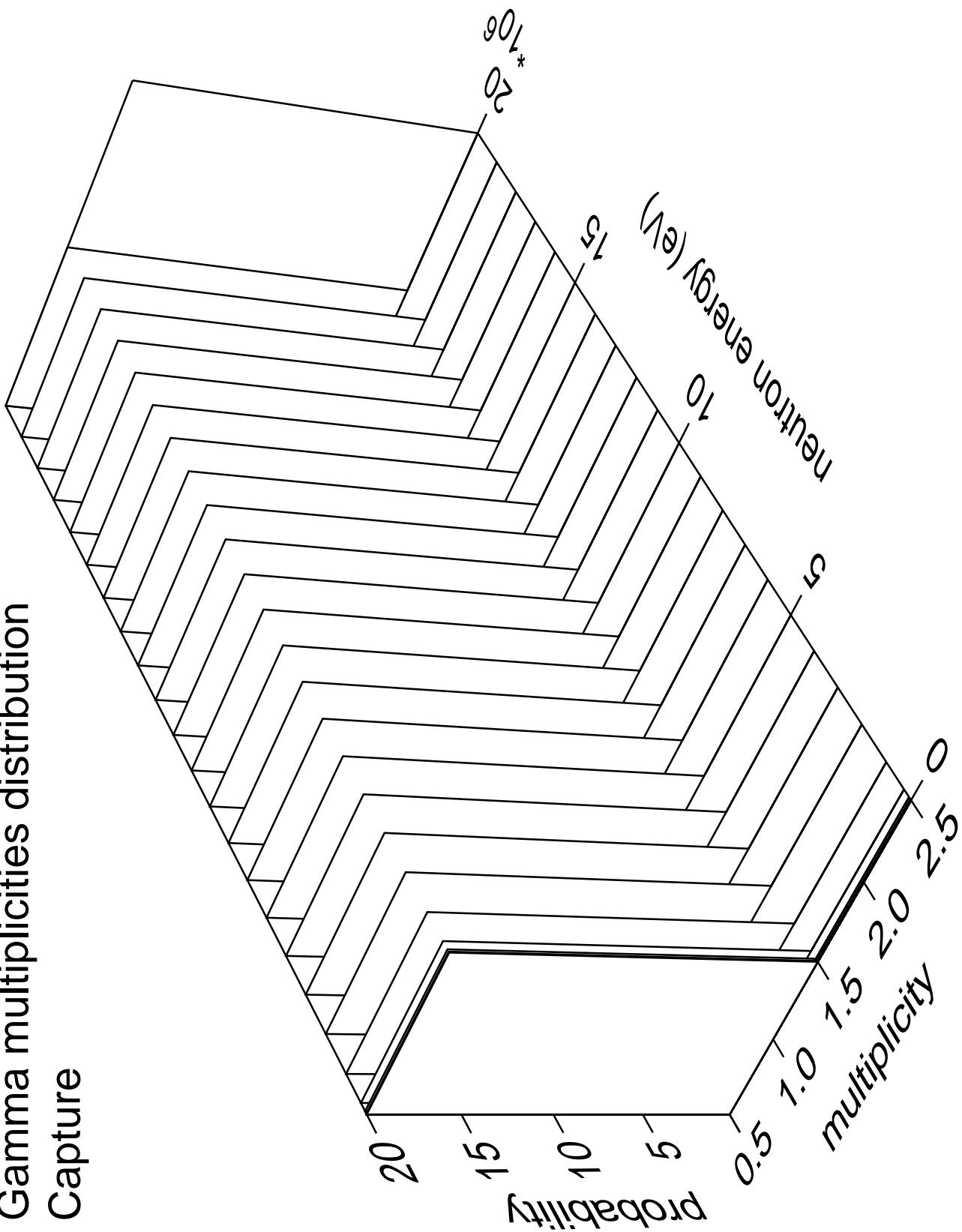
Gamma energy distribution Capture



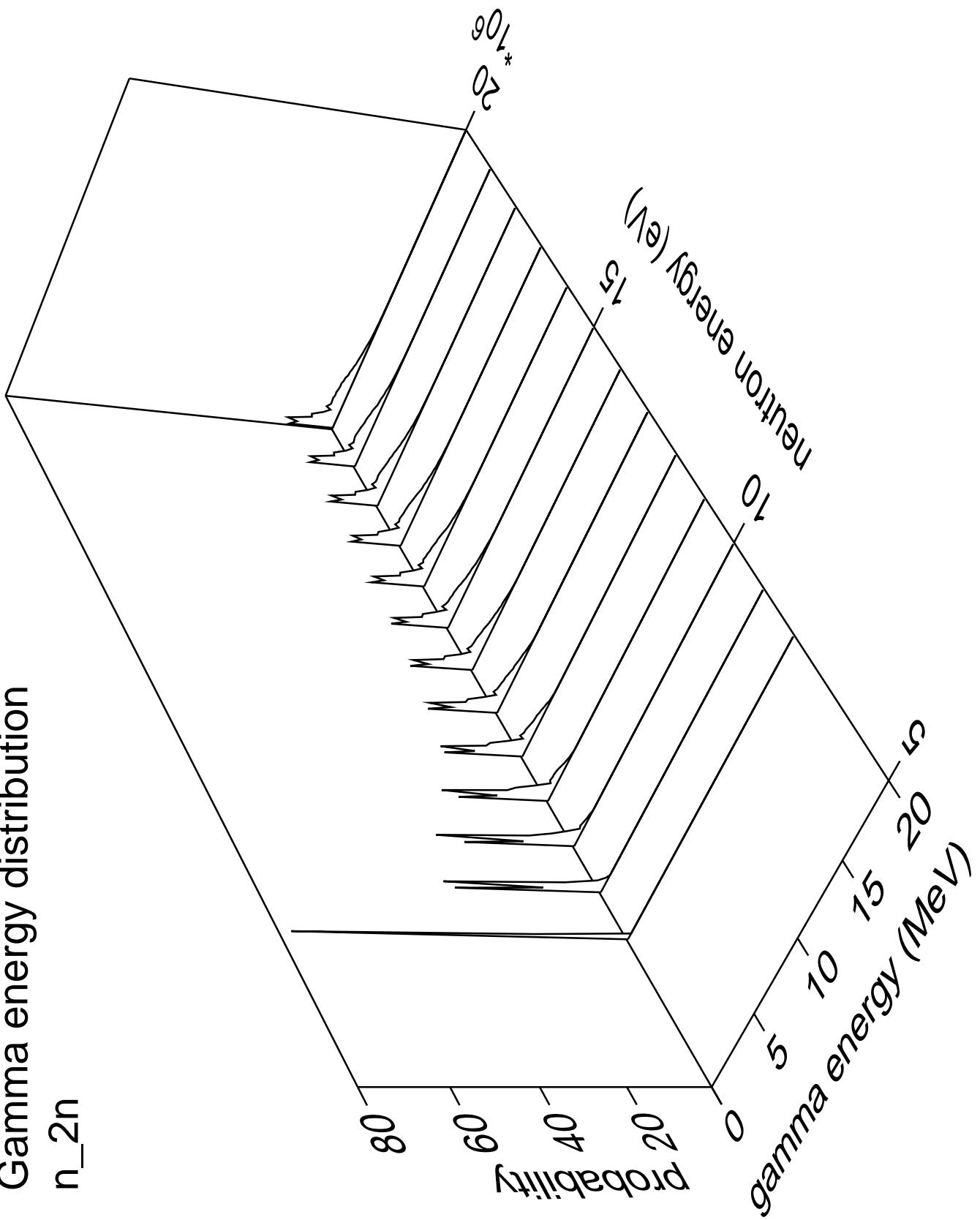
Gamma angles distribution Capture



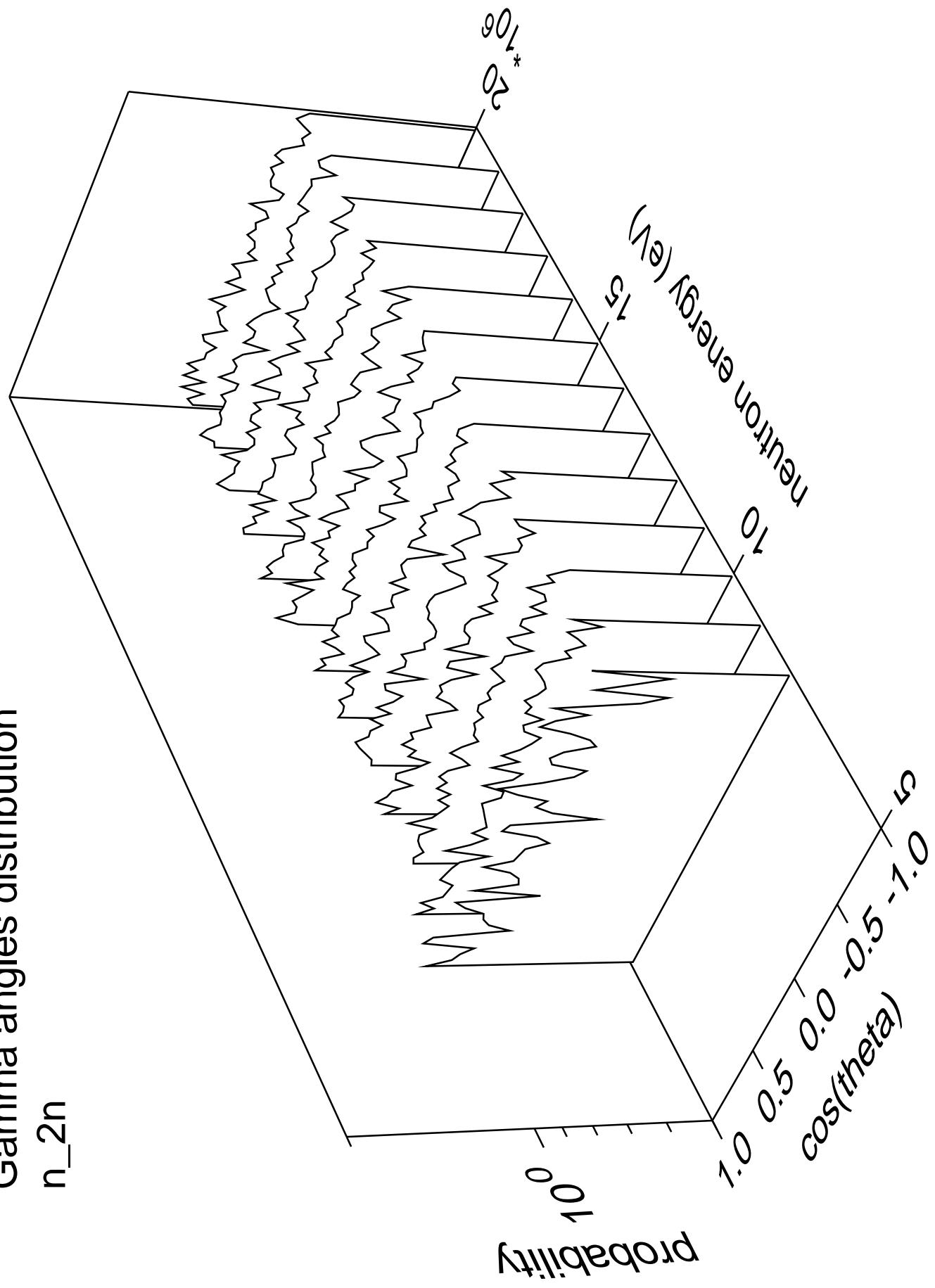
Gamma multiplicities distribution Capture

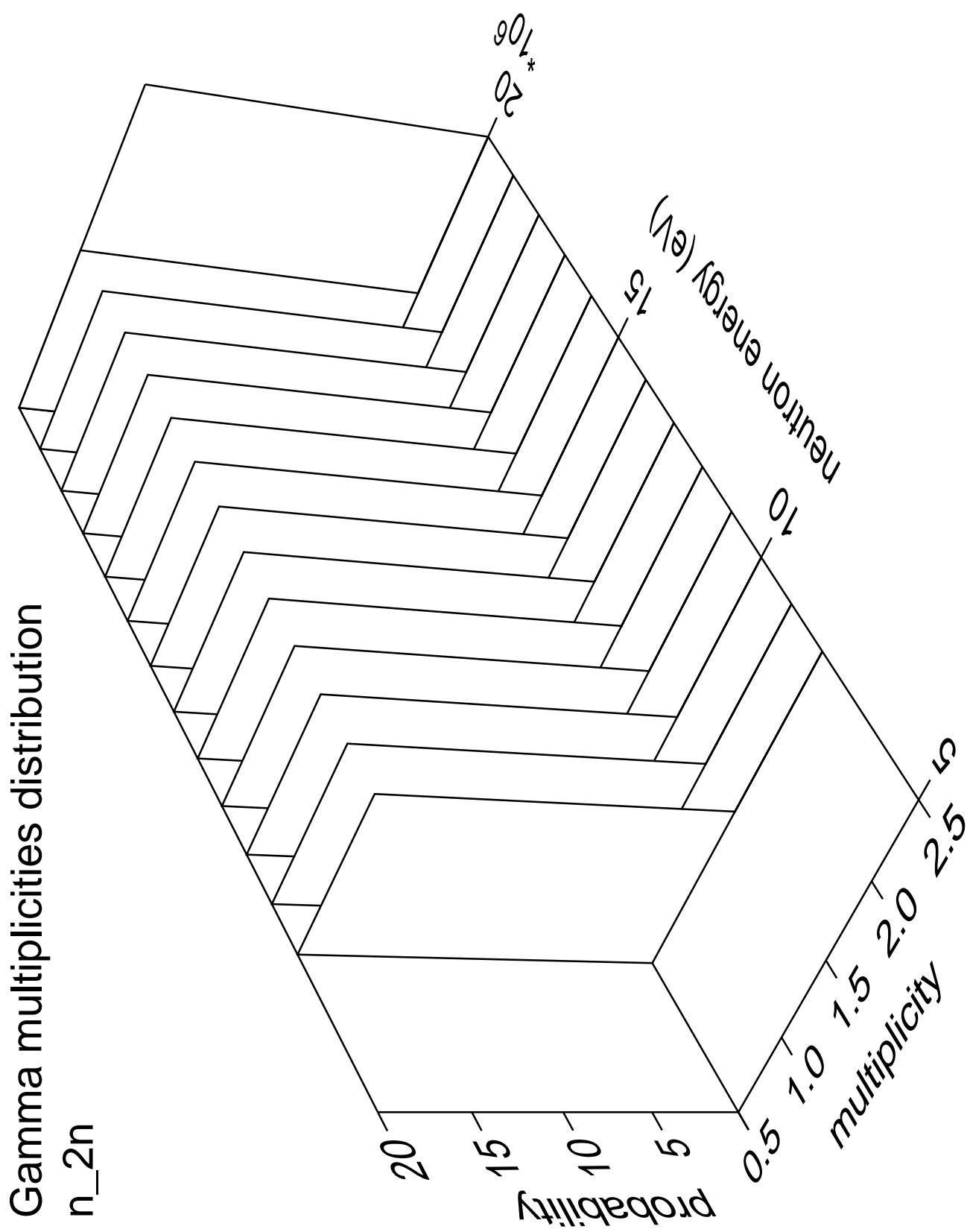


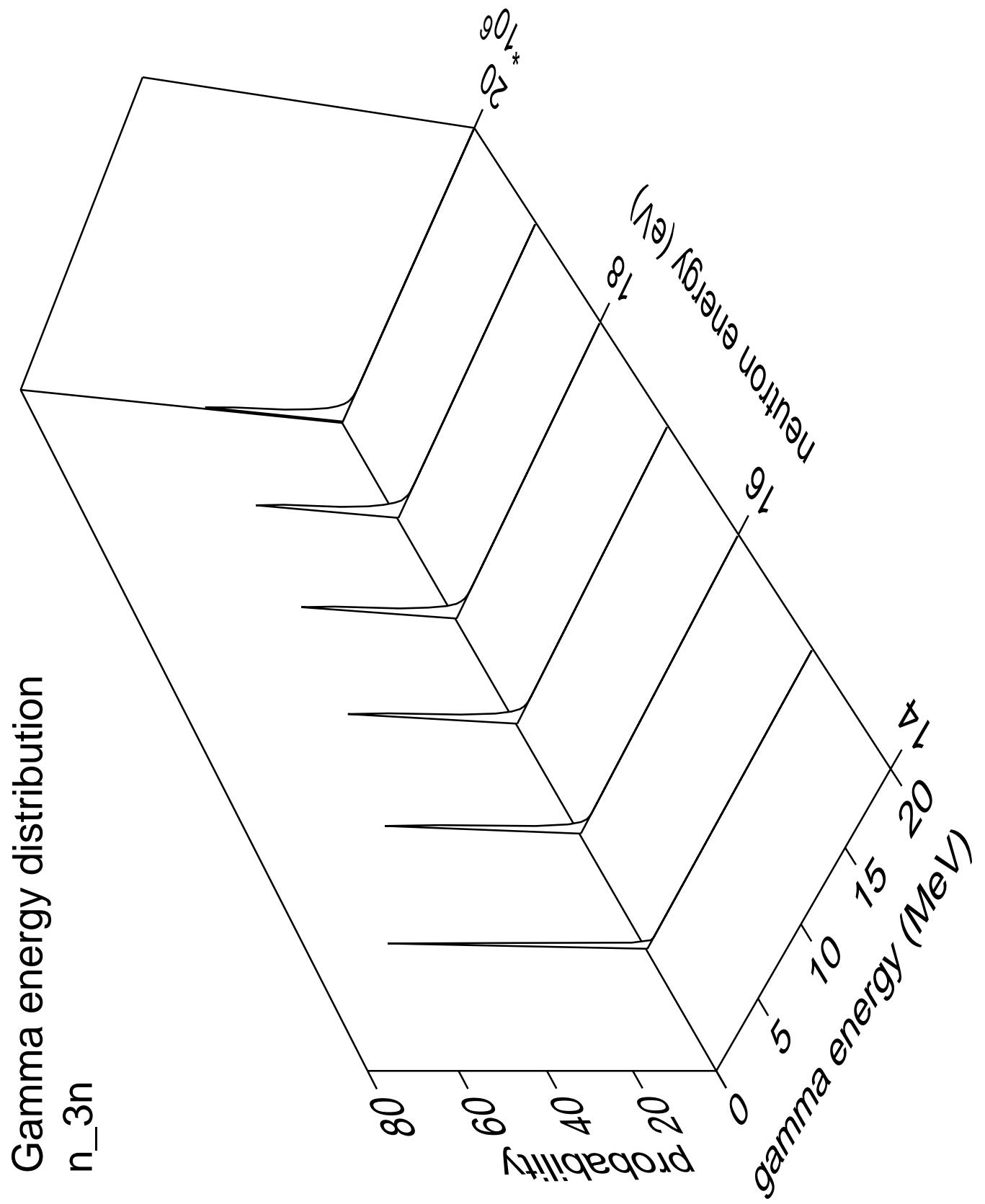
Gamma energy distribution n_{2n}



Gamma angles distribution n_{2n}







Gamma angles distribution

n_{3n}

Probability

10^0

Neutron energy (eV)

10^6

10^5

10^4

10^3

10^2

10^1

10^0

$\cos(\theta)$

1.0

0.5

0.0

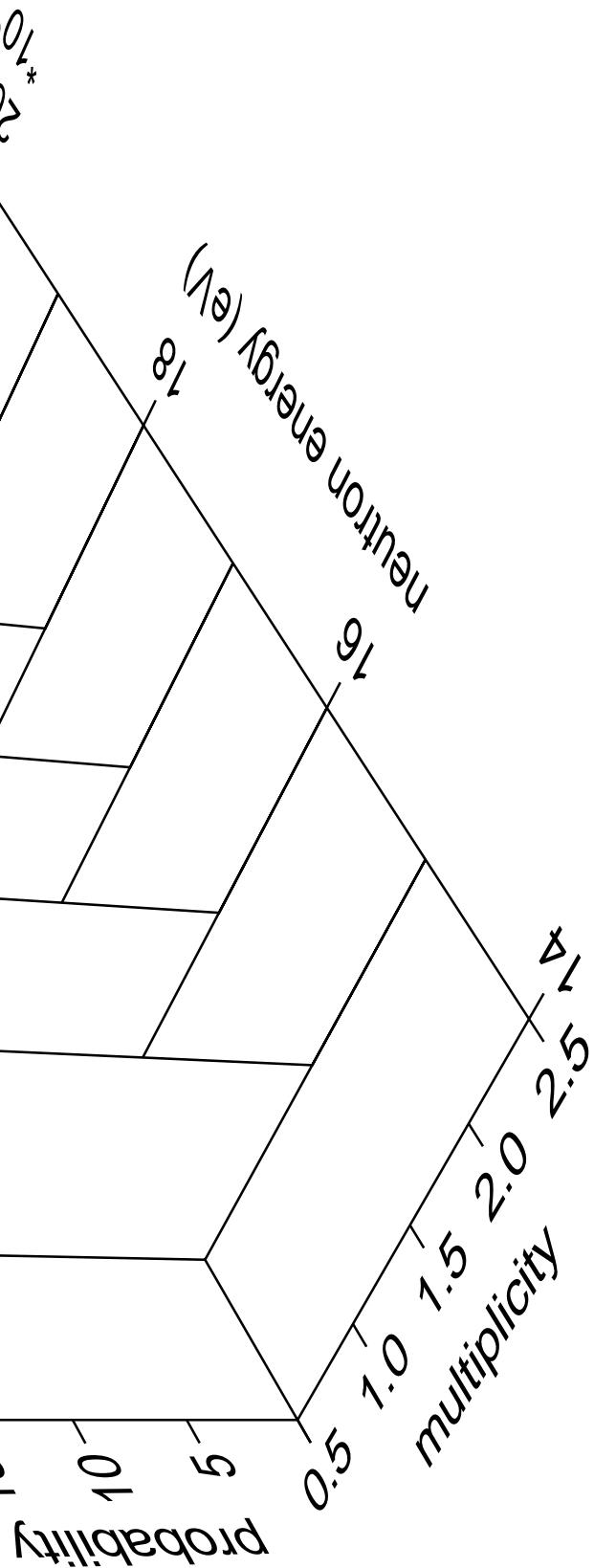
-0.5

-1.0

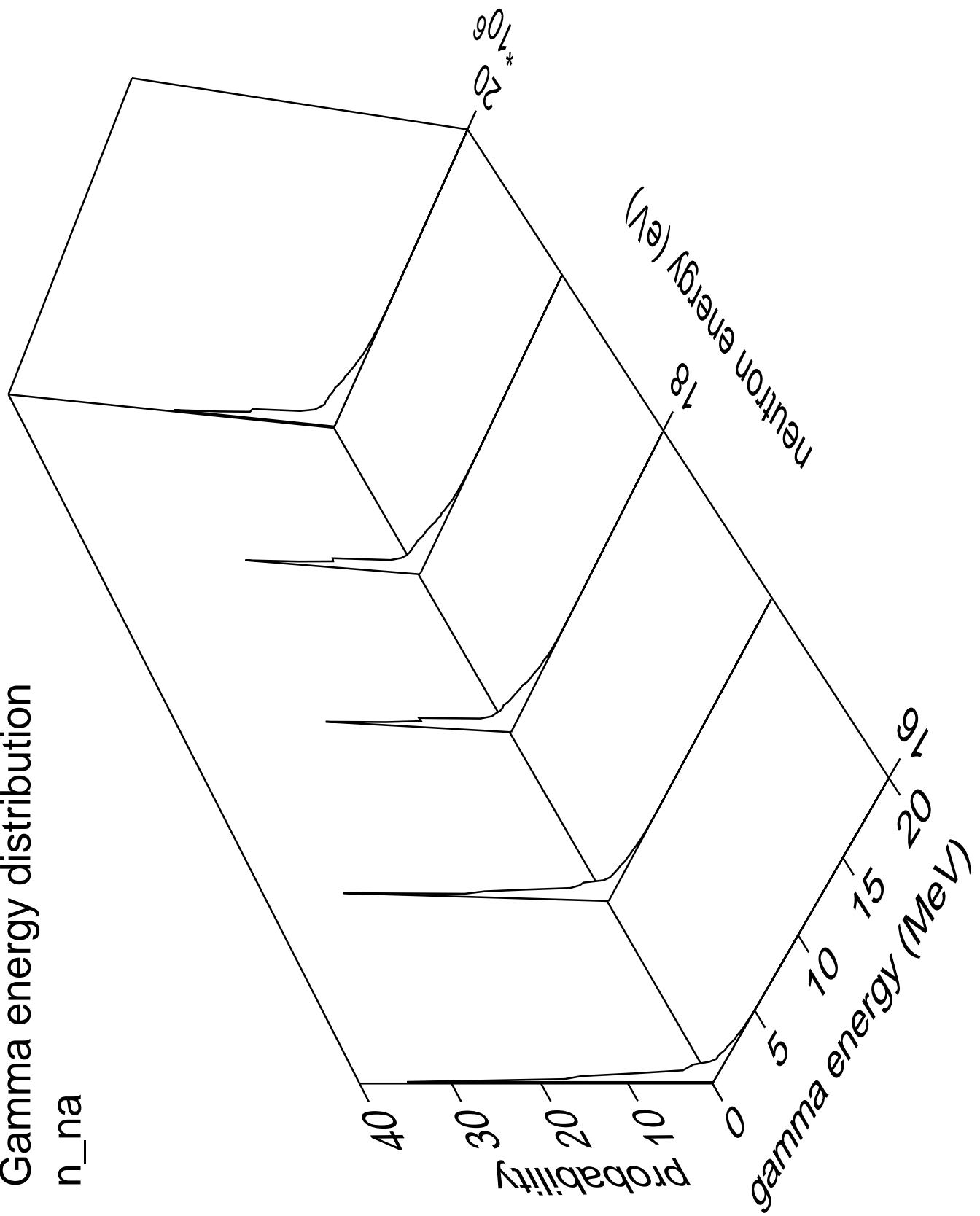
Gamma multiplicities distribution

n_{3n}

Probability



Gamma energy distribution
 n_{na}



Gamma angles distribution

n_{na}

Probability

10^0

10^2

10^4

10^6

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

neutron energy (eV)

18

20

22

24

26

28

30

32

34

36

38

40

42

44

46

48

50

52

54

56

58

60

62

64

66

68

70

72

74

76

78

80

82

84

86

88

90

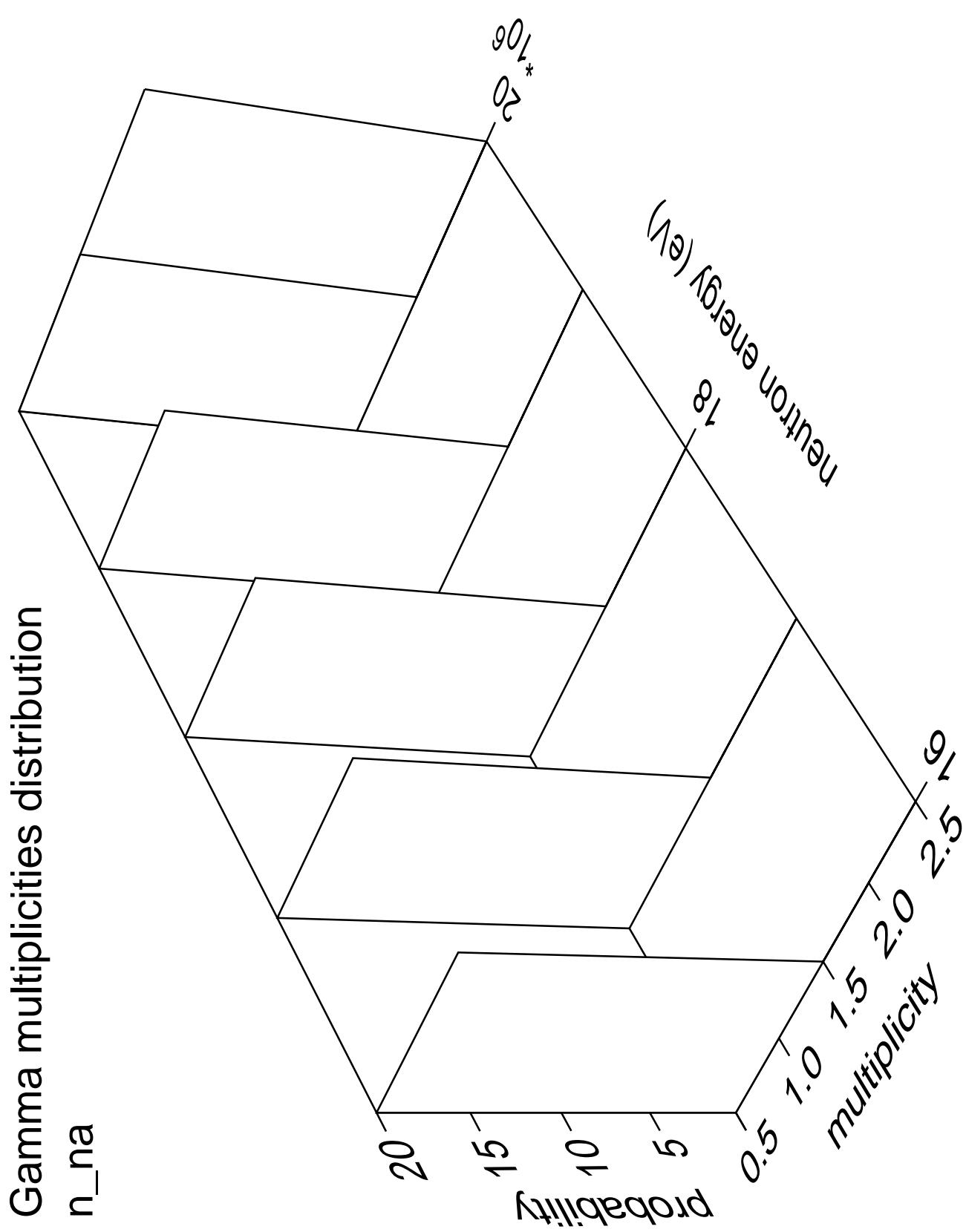
92

94

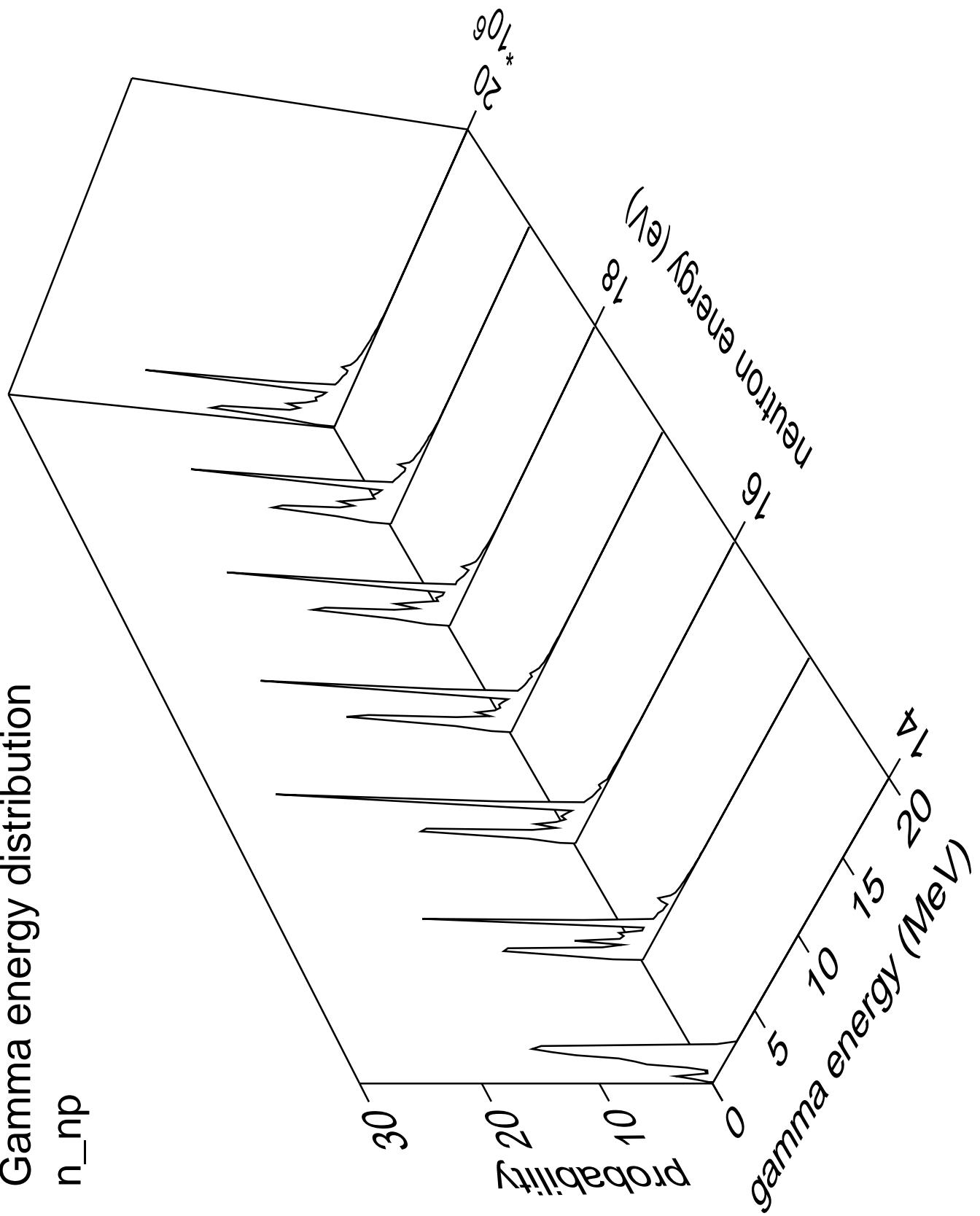
96

98

100



Gamma energy distribution
 n_{np}



Gamma angles distribution

n_{np}

Probability

10^0

Neutron energy (eV)

$\cos(\theta)$

10^6

10^5

10^4

10^3

10^2

10^1

10^0

10^{-1}

10^{-2}

10^{-3}

Gamma multiplicities distribution

n_{np}

Probability

100

20

Neutron energy (eV)

16

multiplicity

4

2.0

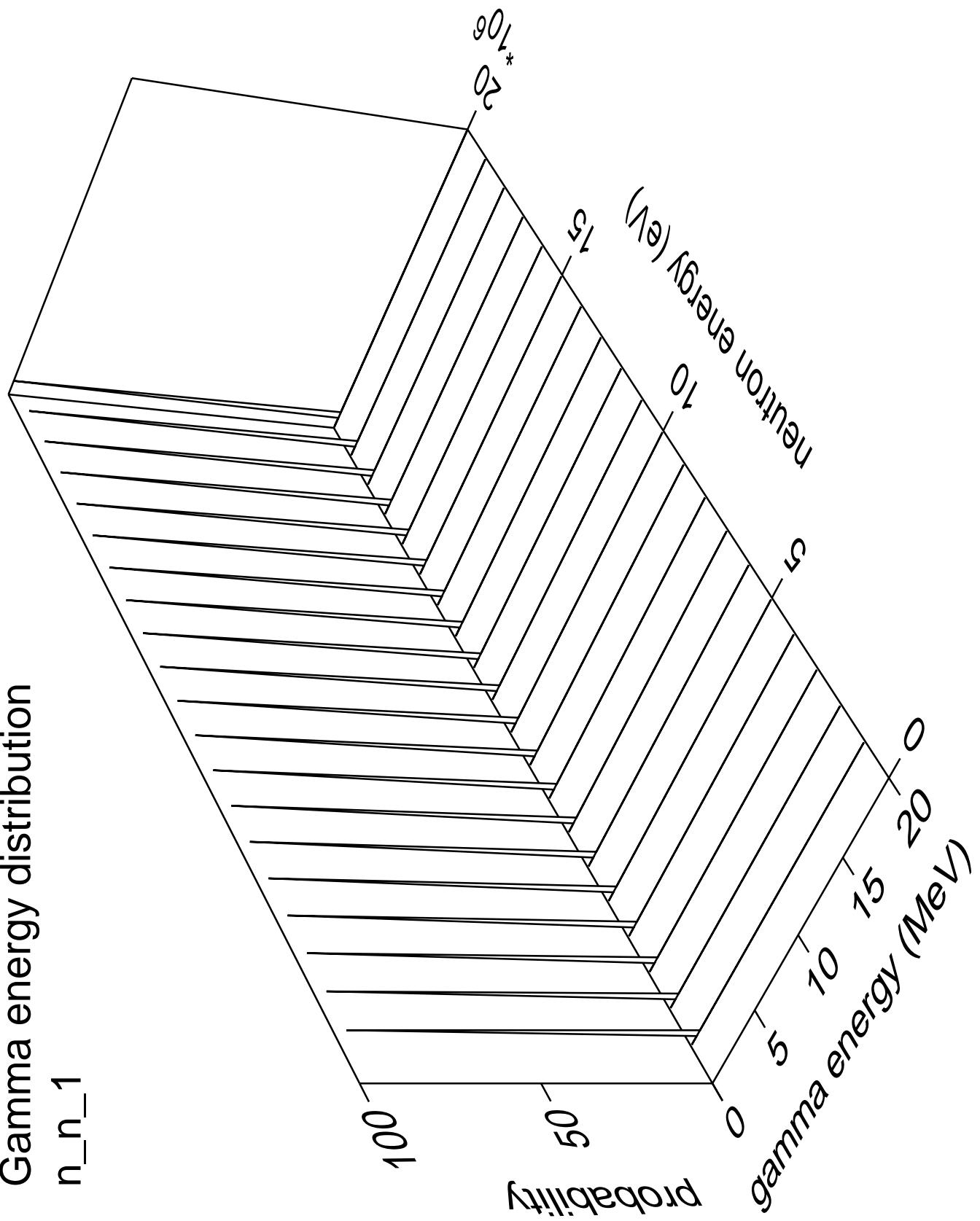
1.5

1.0

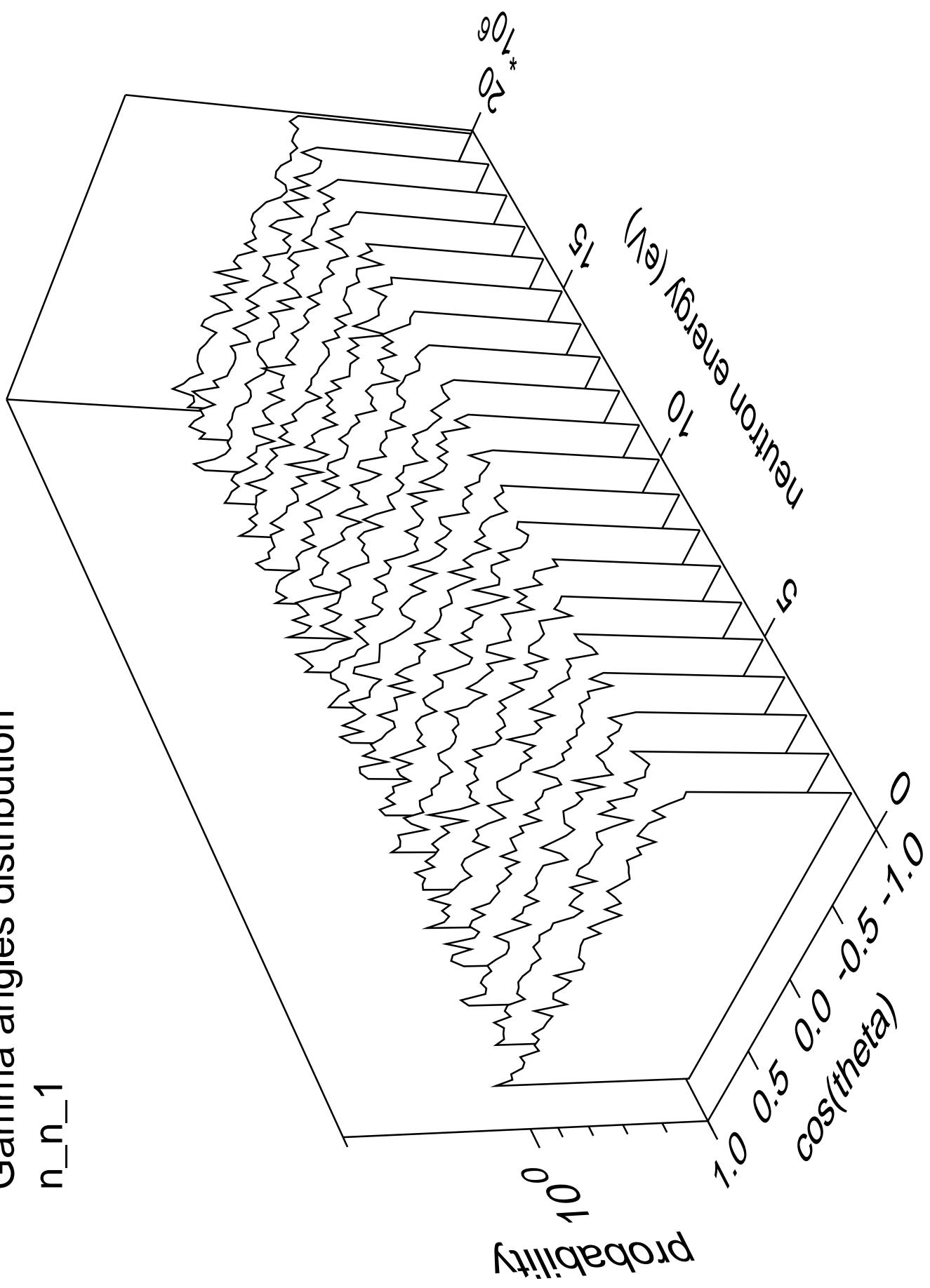
0.5

Gamma energy distribution

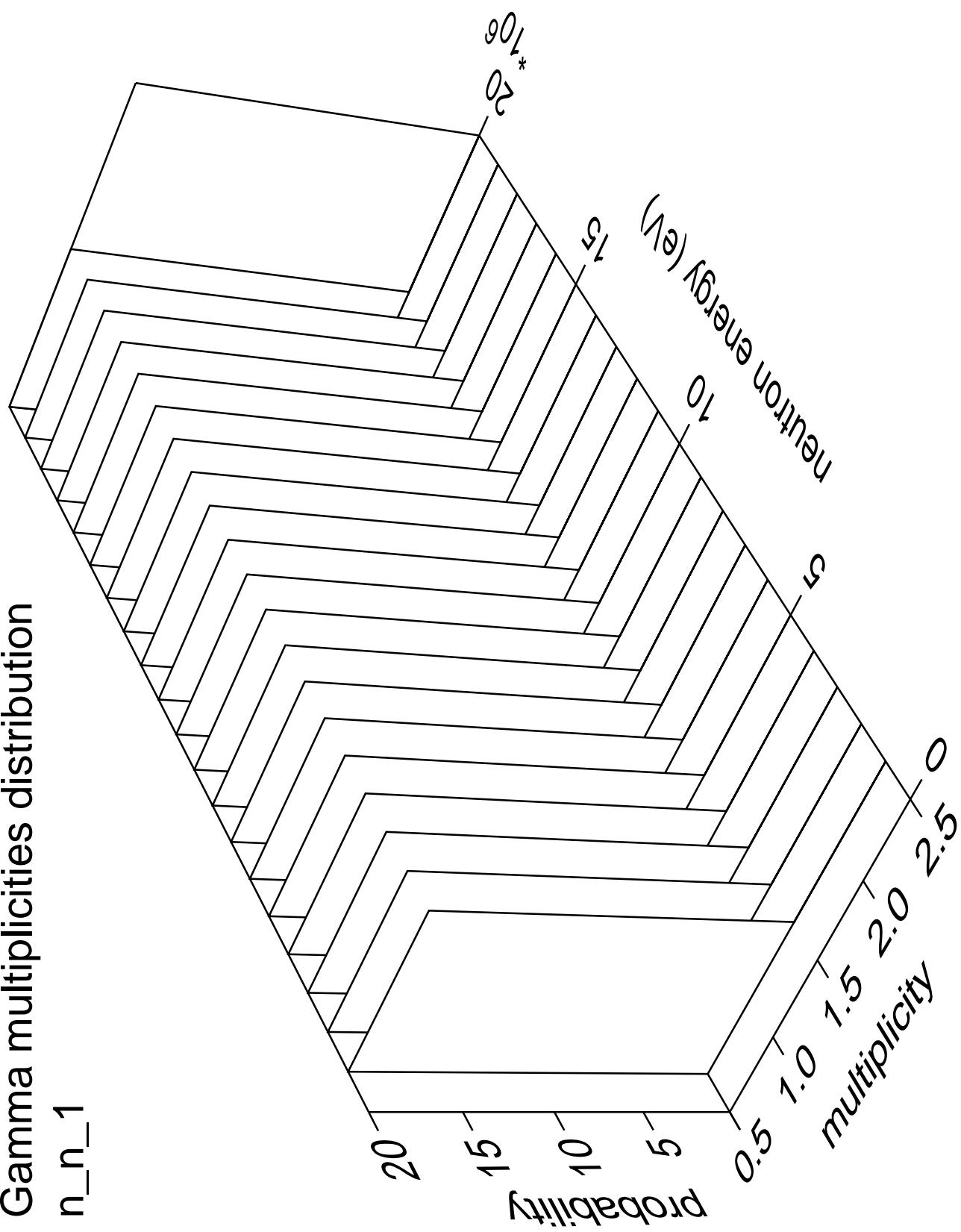
n_n_1

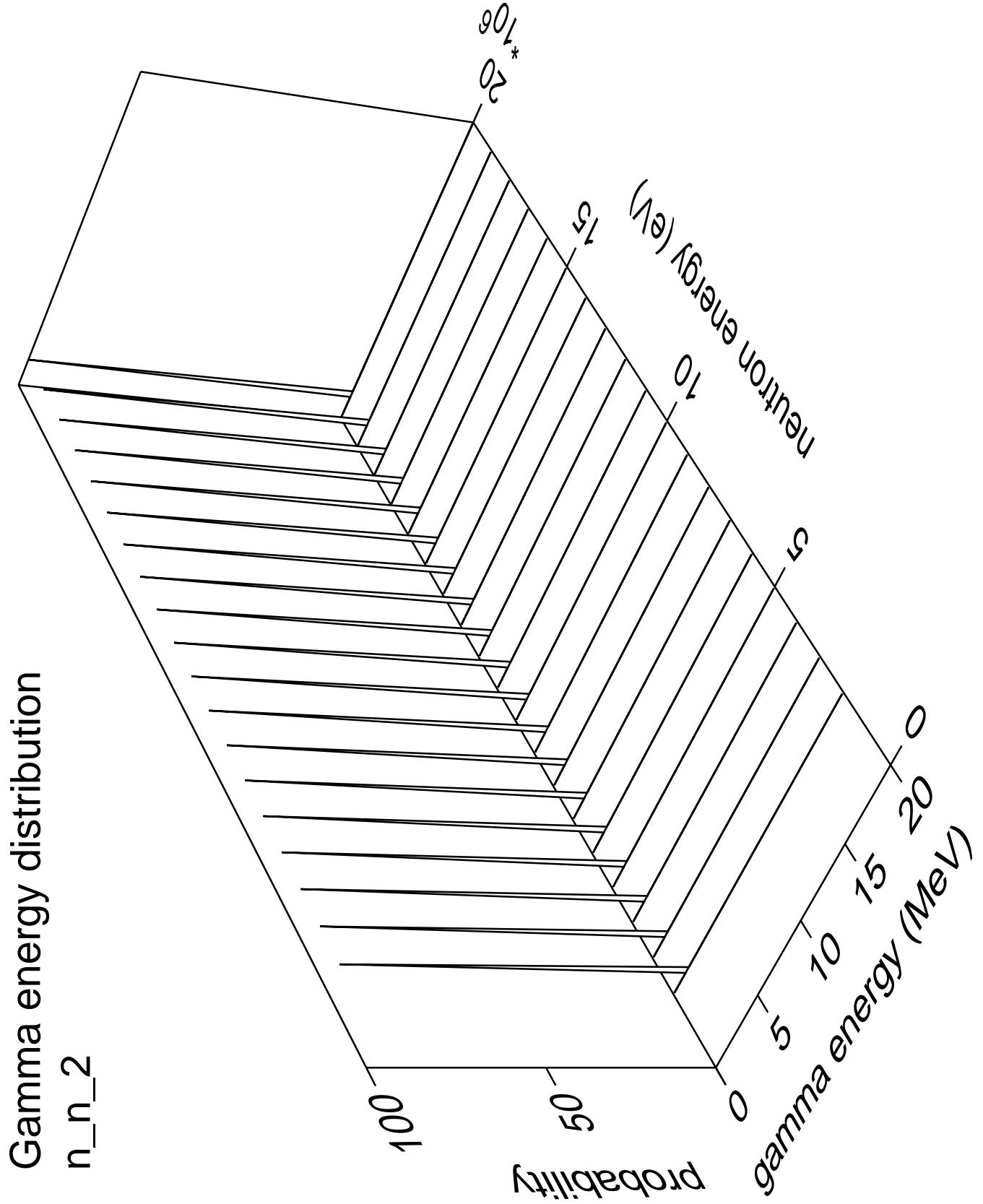


Gamma angles distribution



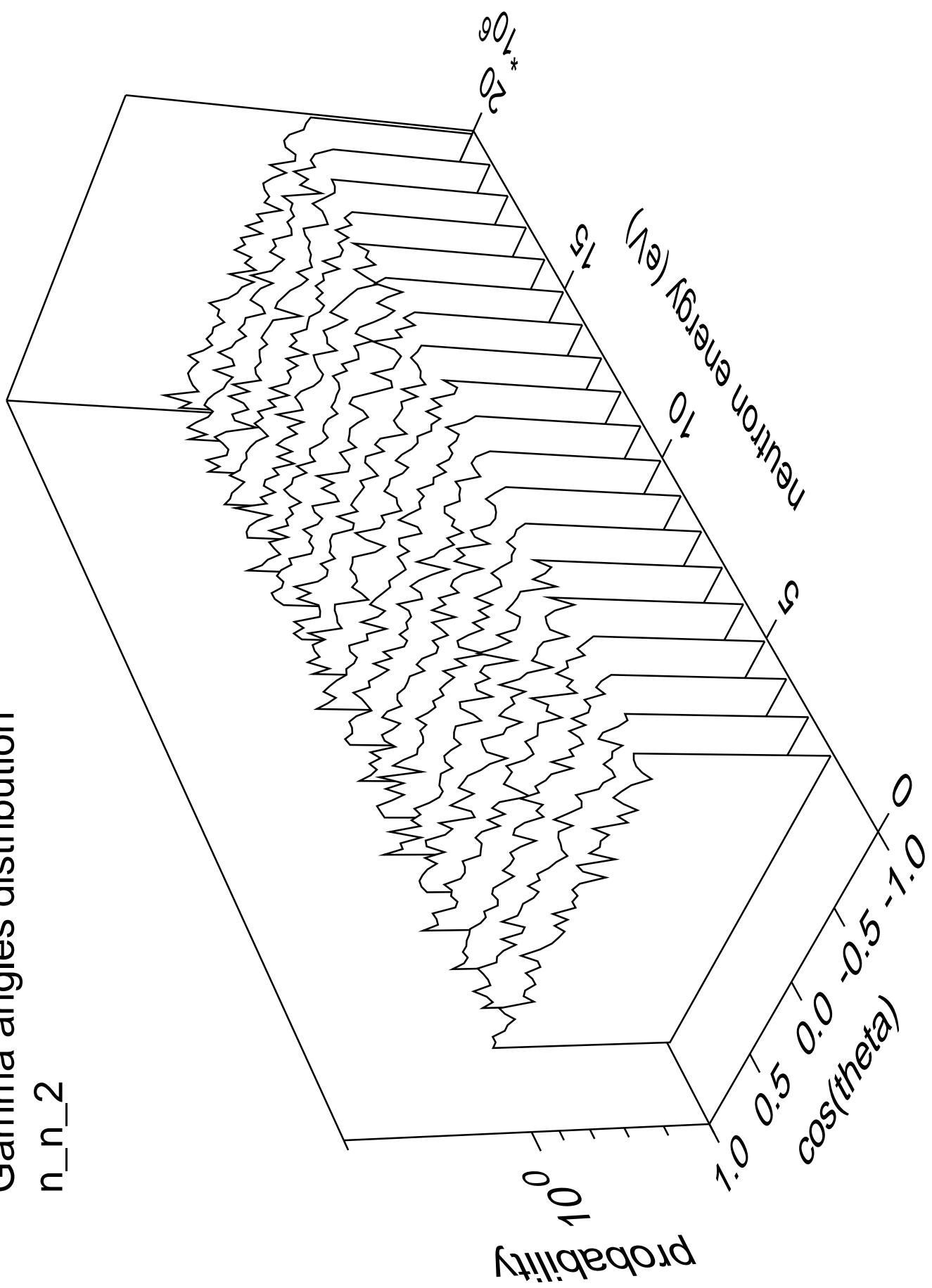
Gamma multiplicities distribution

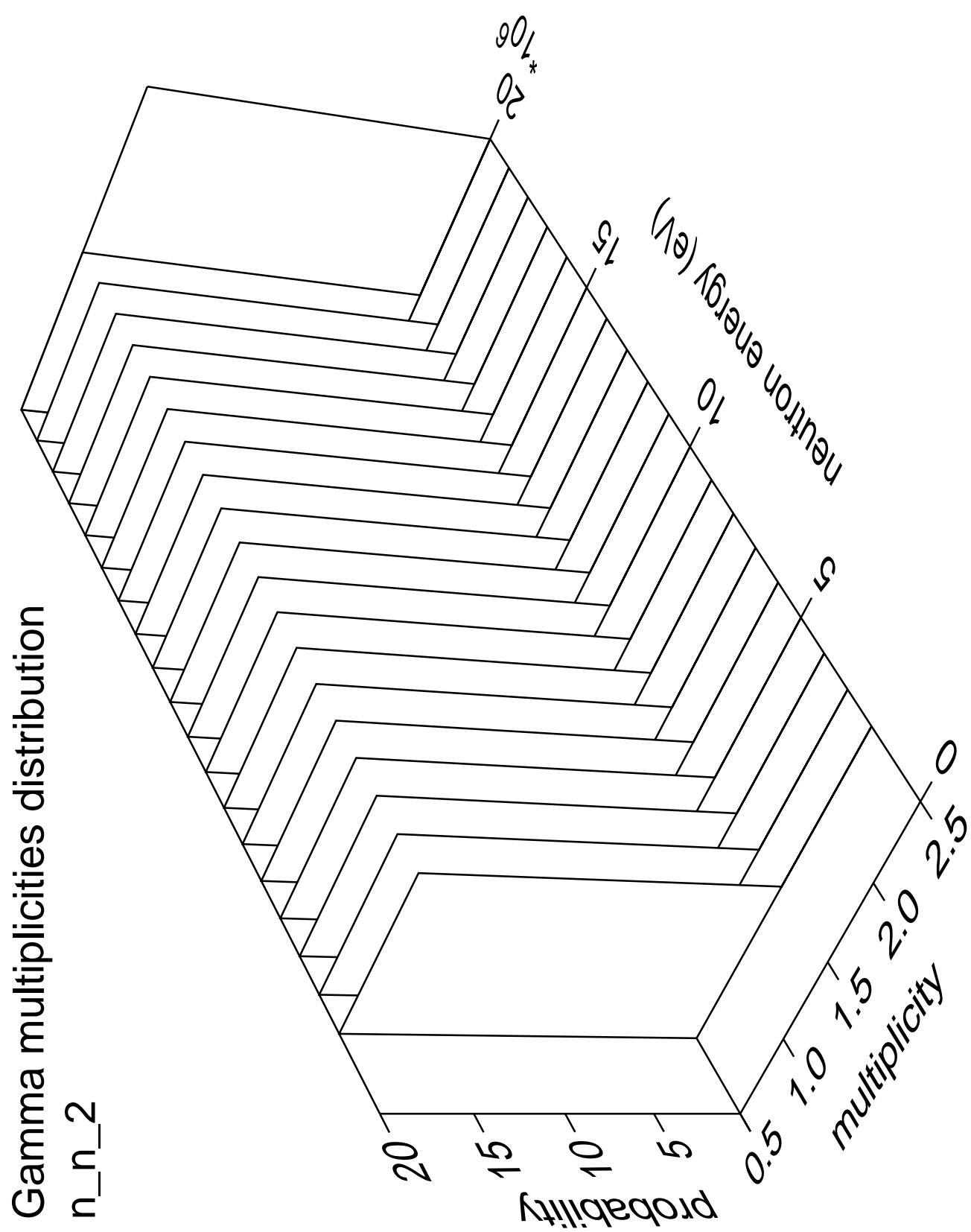




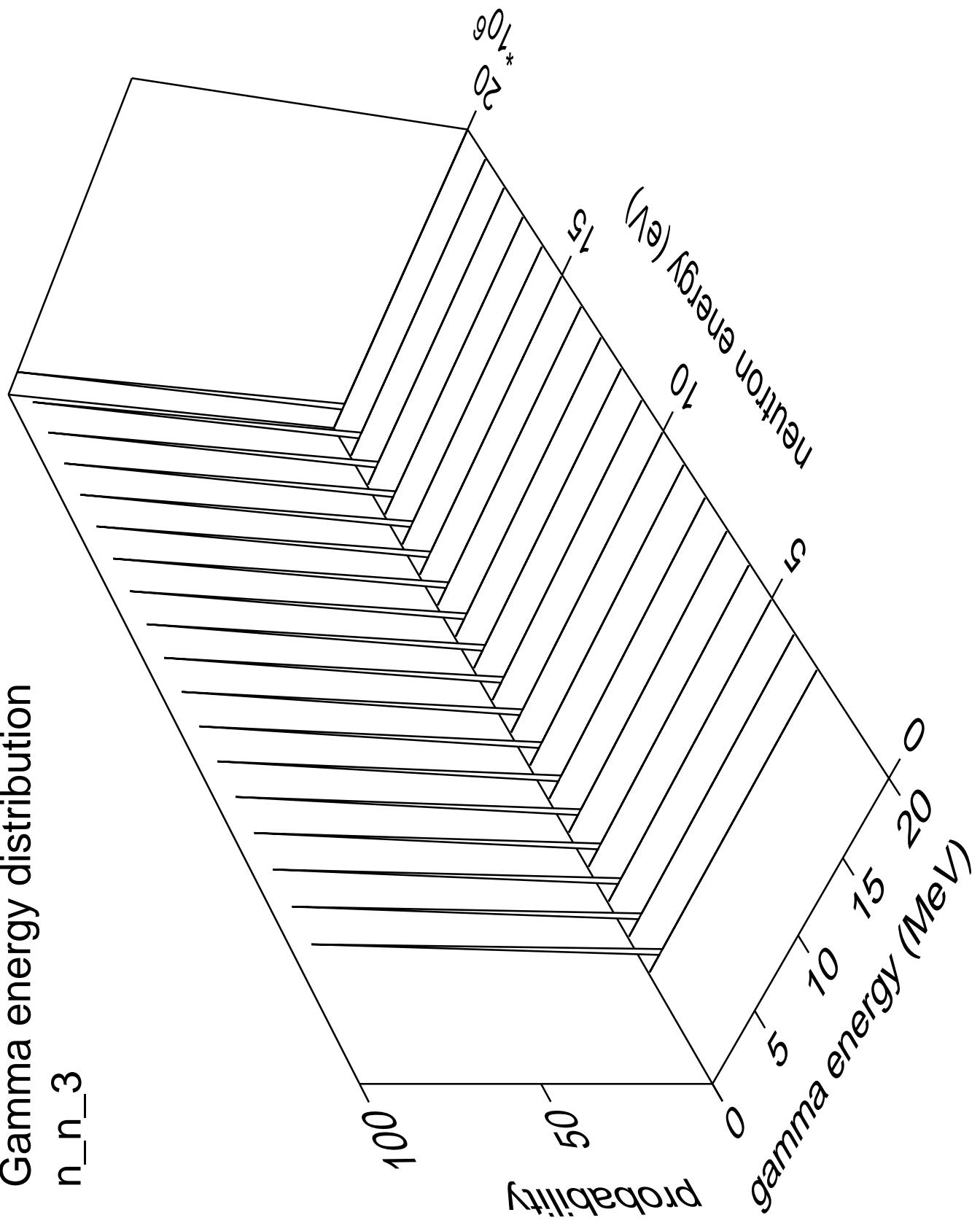
Gamma angles distribution

n_n_2



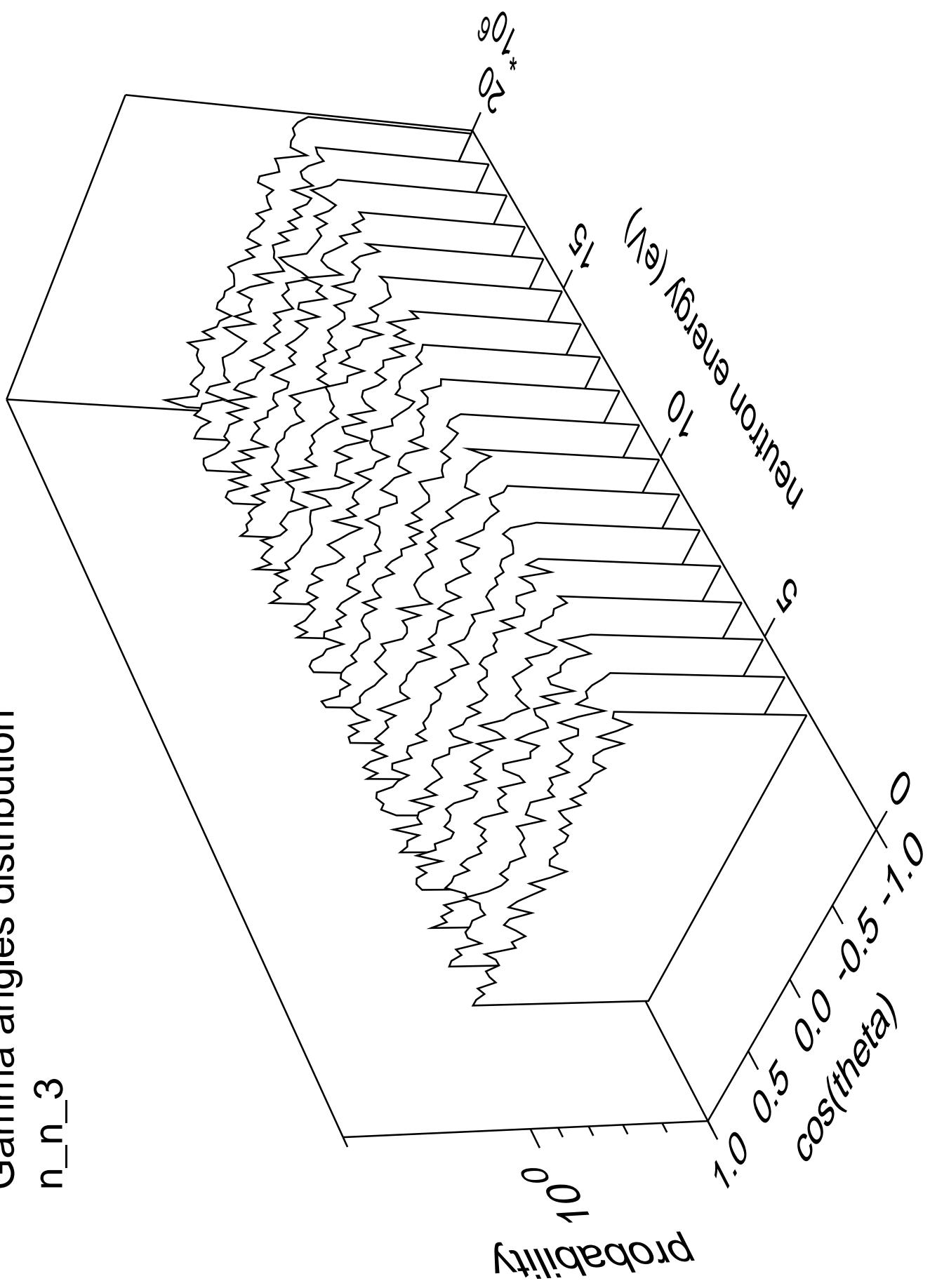


Gamma energy distribution

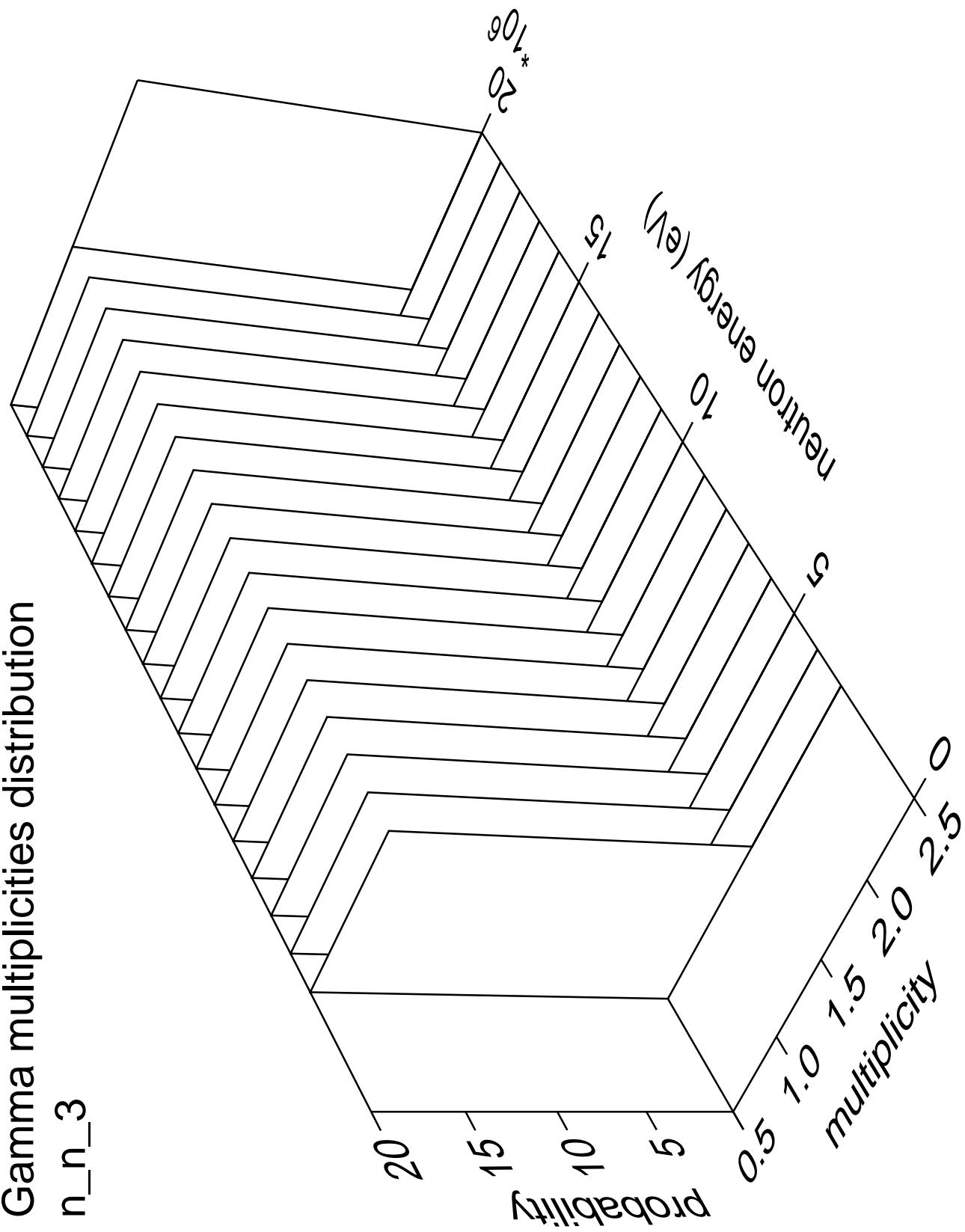


Gamma angles distribution

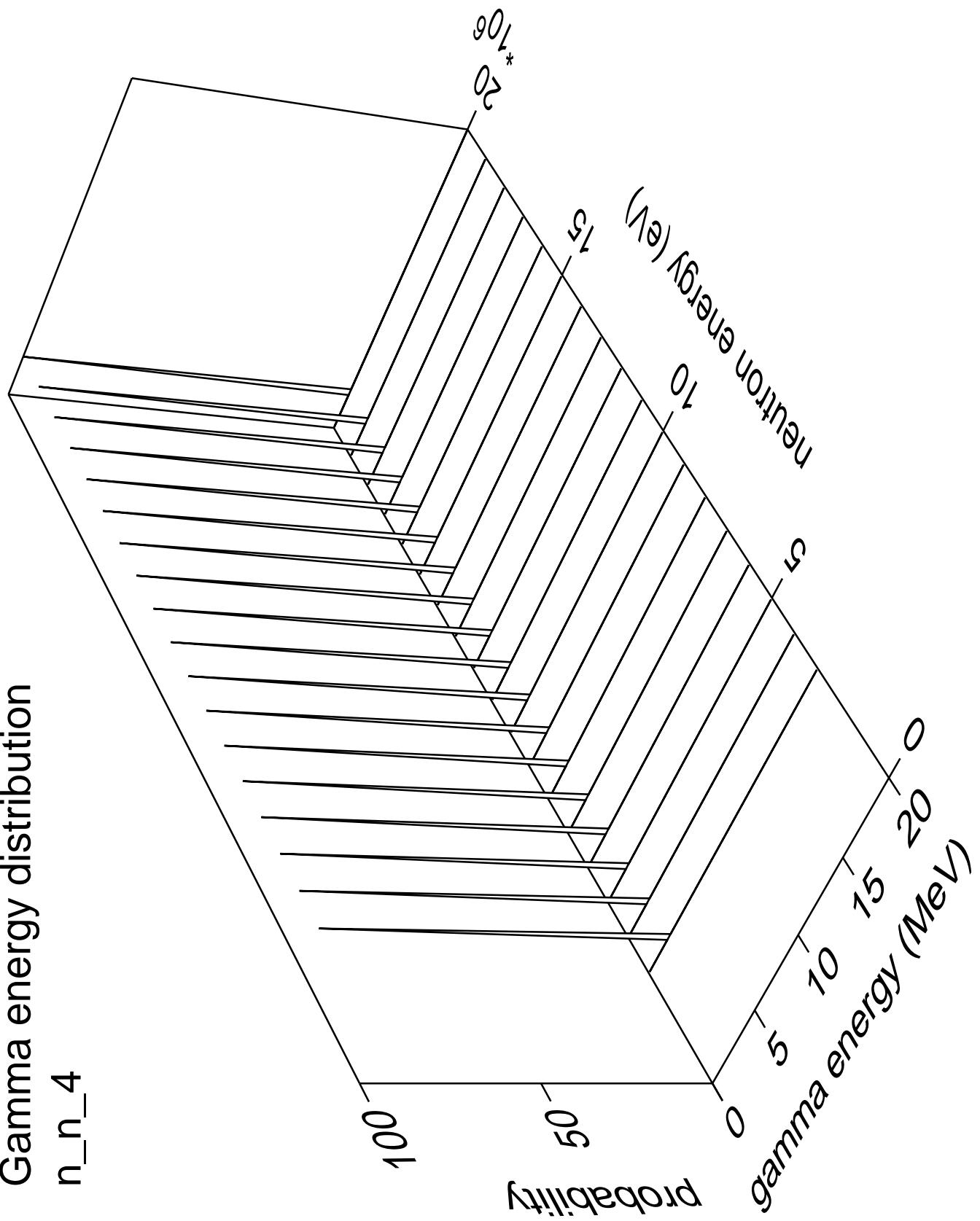
n_n_3



Gamma multiplicities distribution

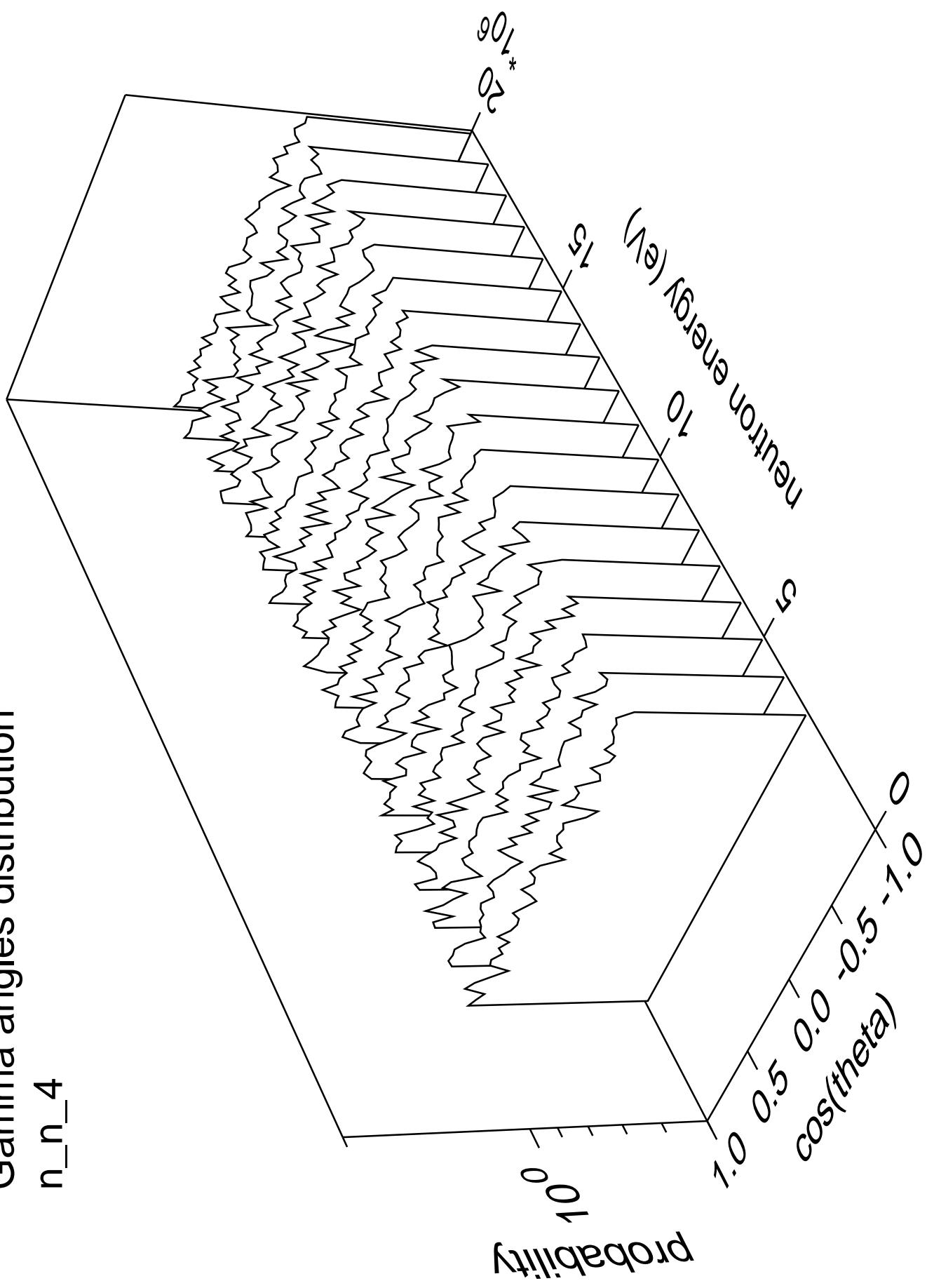


n_n_4

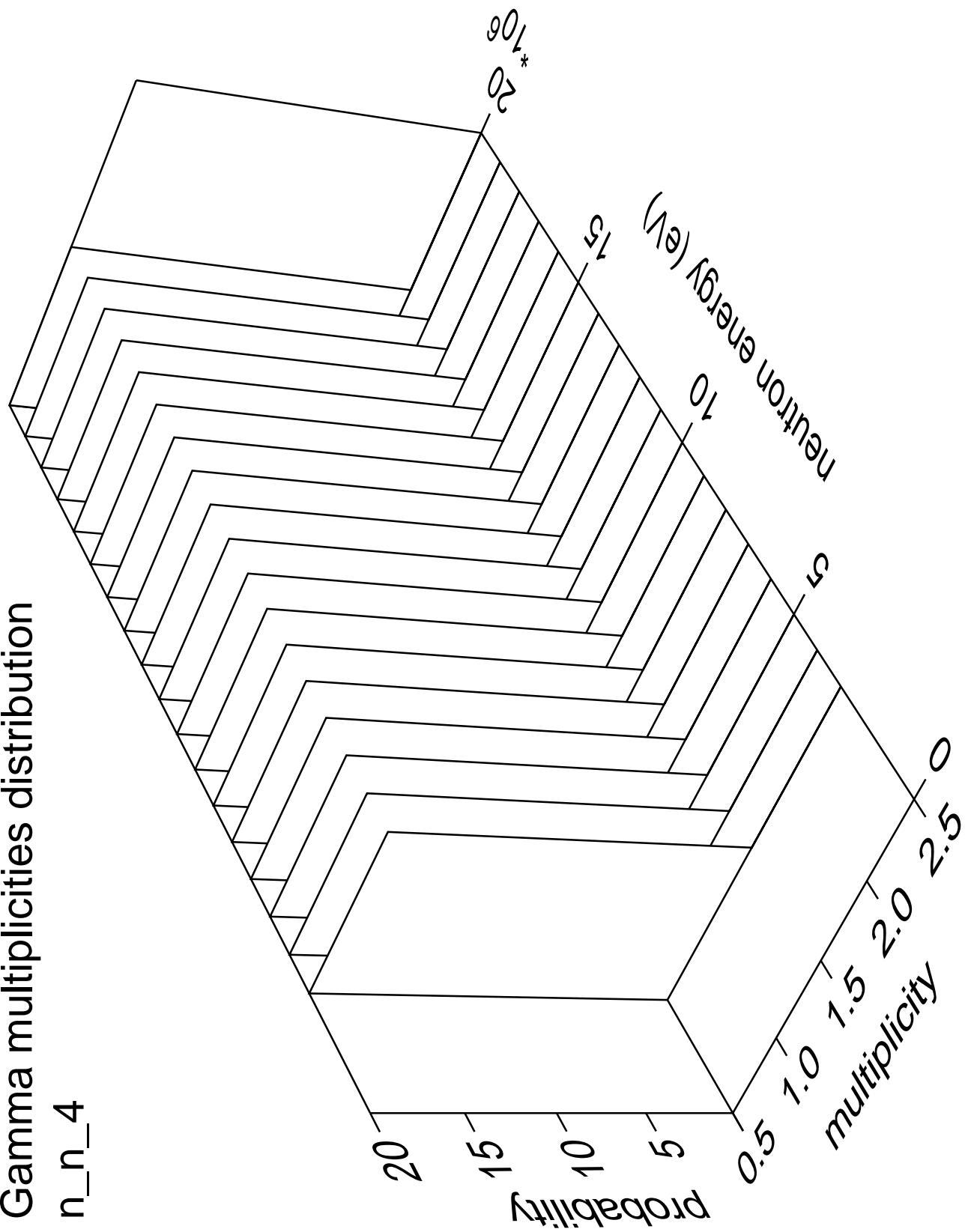


Gamma angles distribution

n_n_4

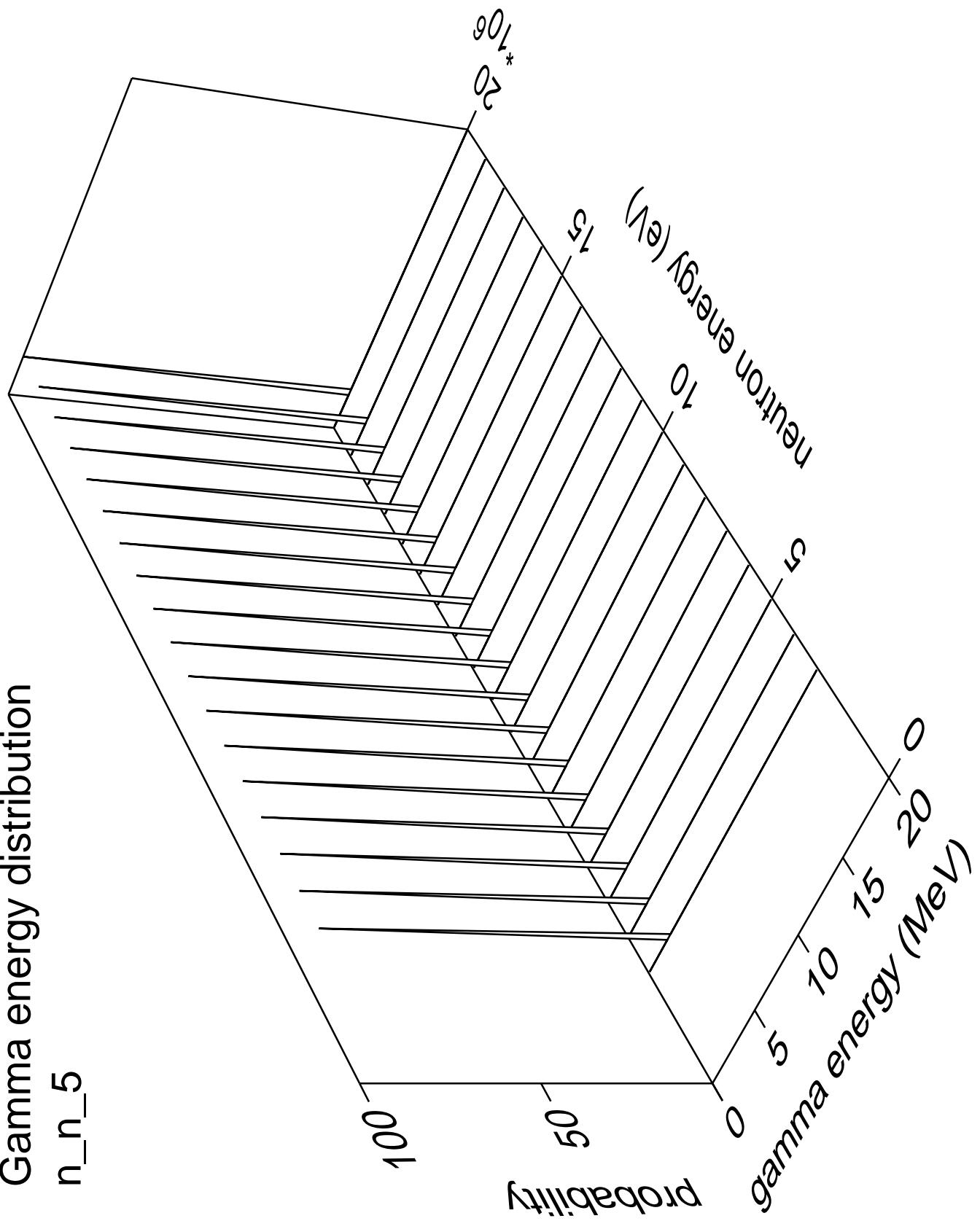


Gamma multiplicities distribution



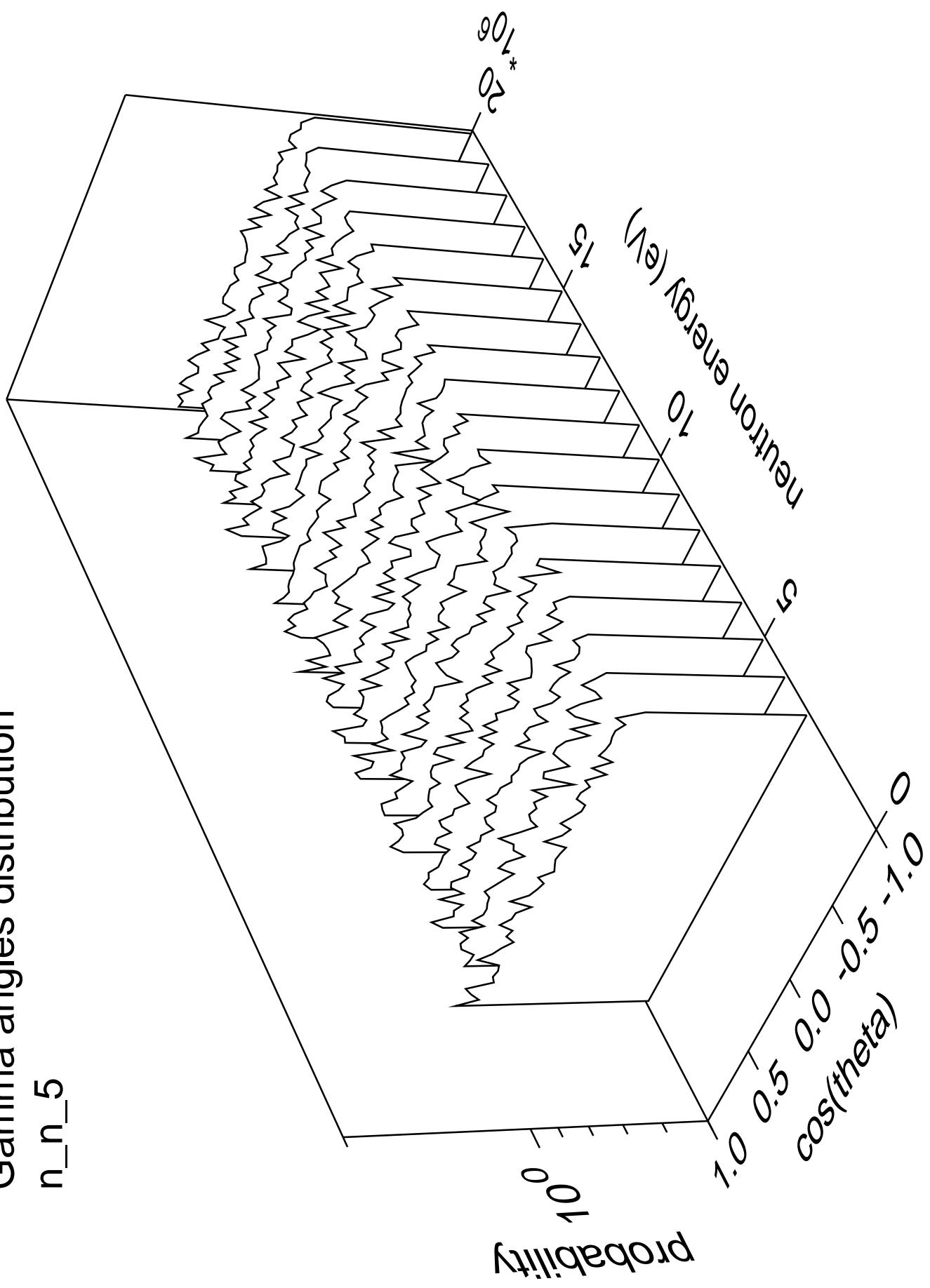
Gamma energy distribution

n_n_5

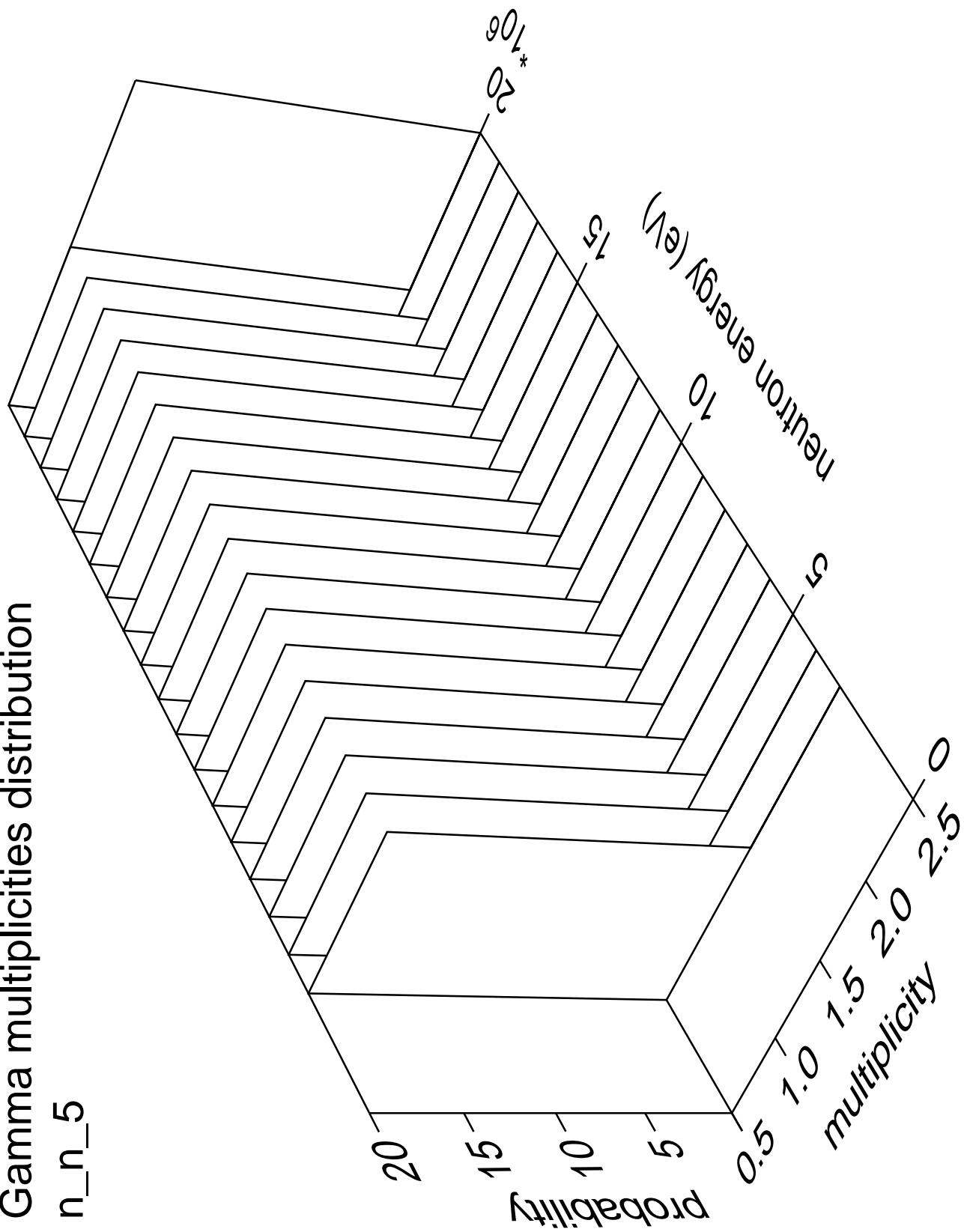


Gamma angles distribution

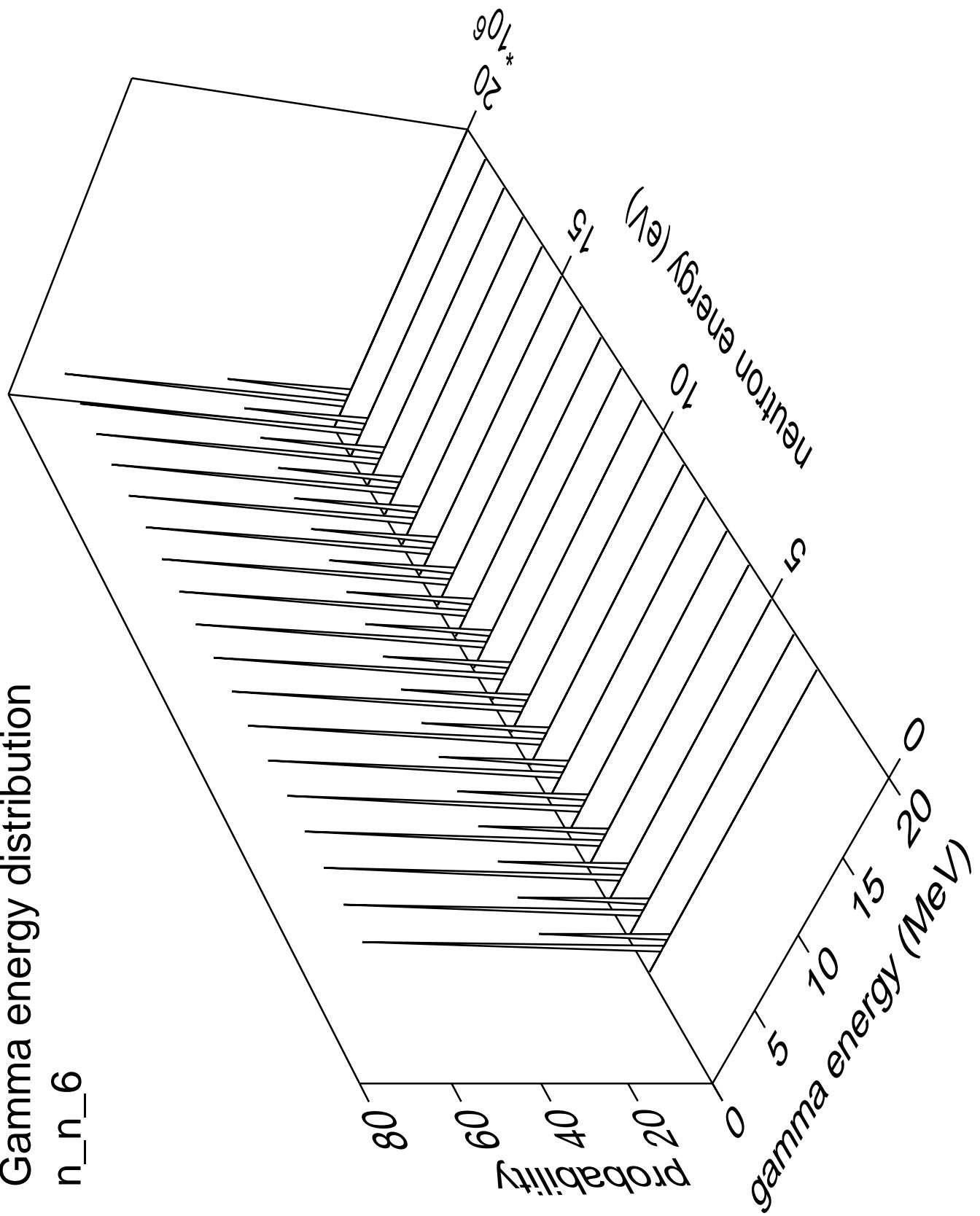
n_n_5



Gamma multiplicities distribution

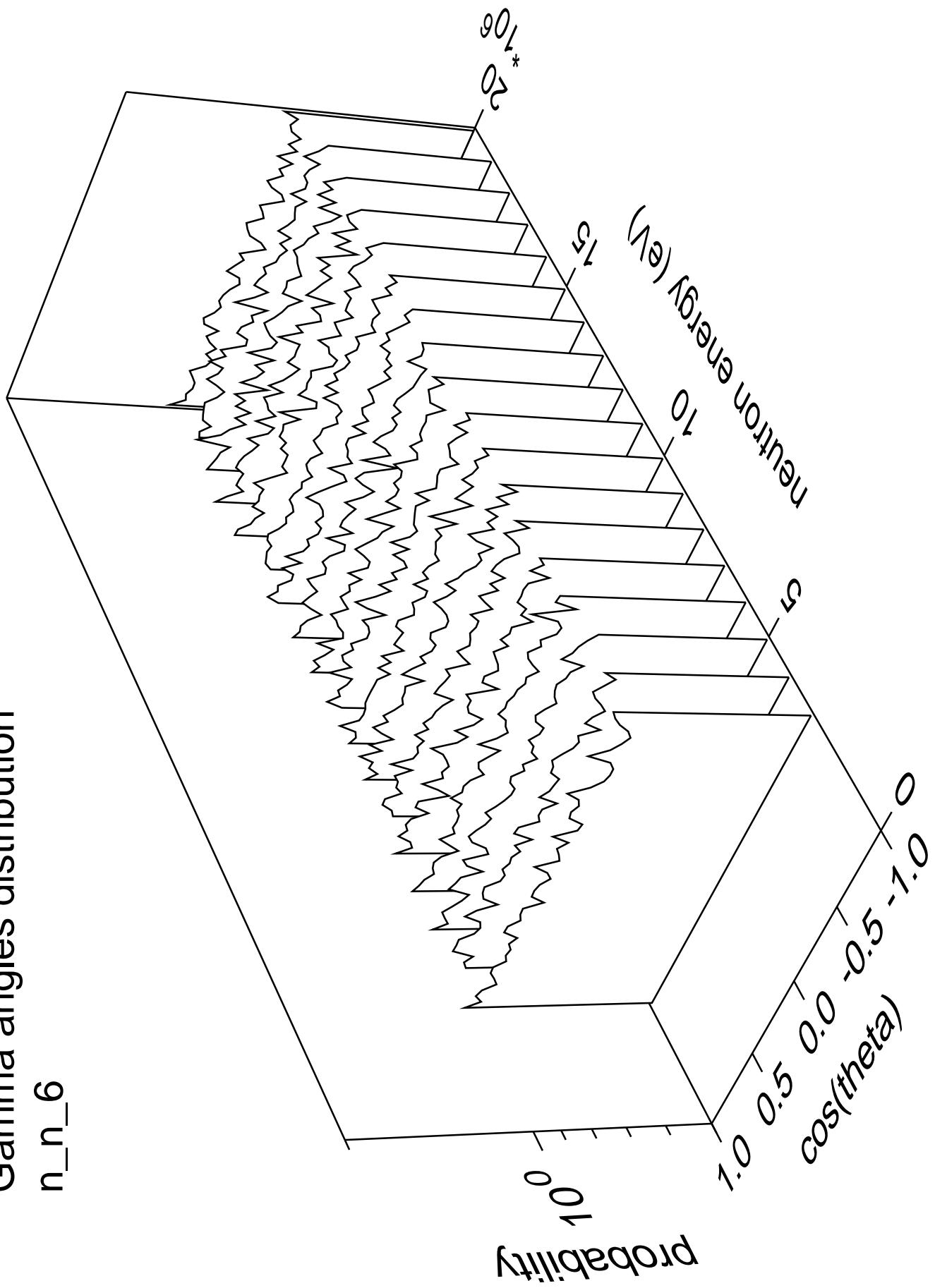


Gamma energy distribution

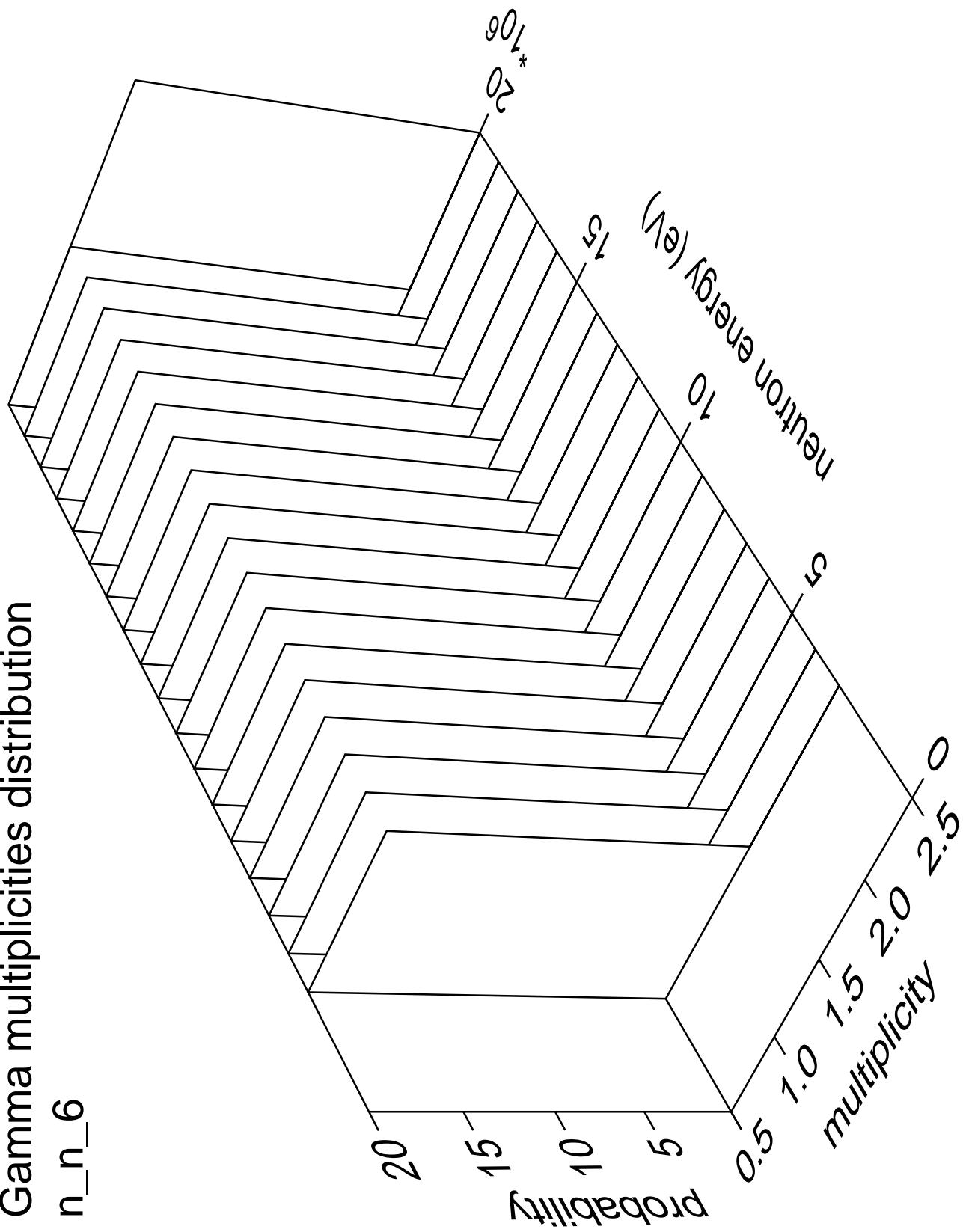


Gamma angles distribution

n_n_6

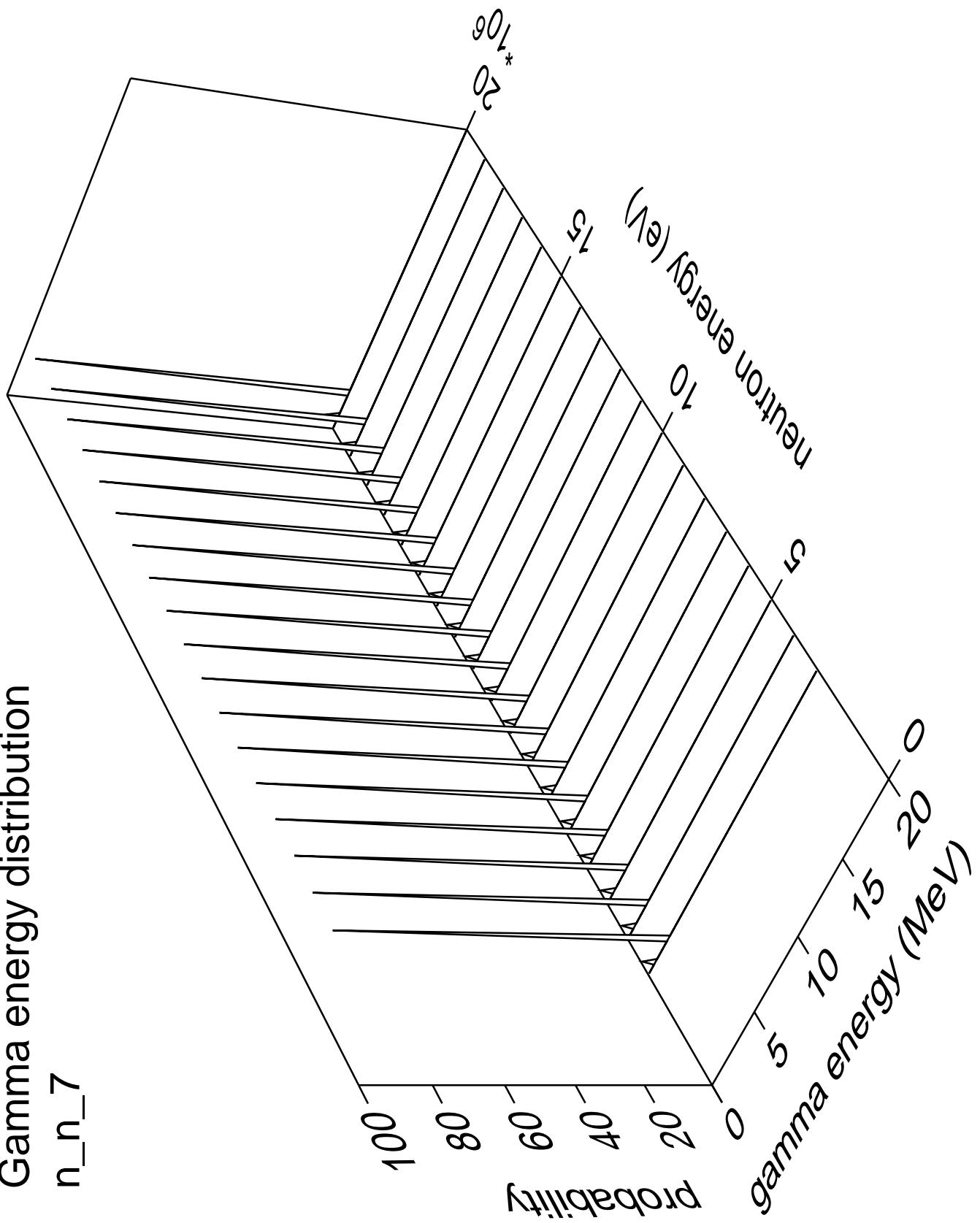


Gamma multiplicities distribution



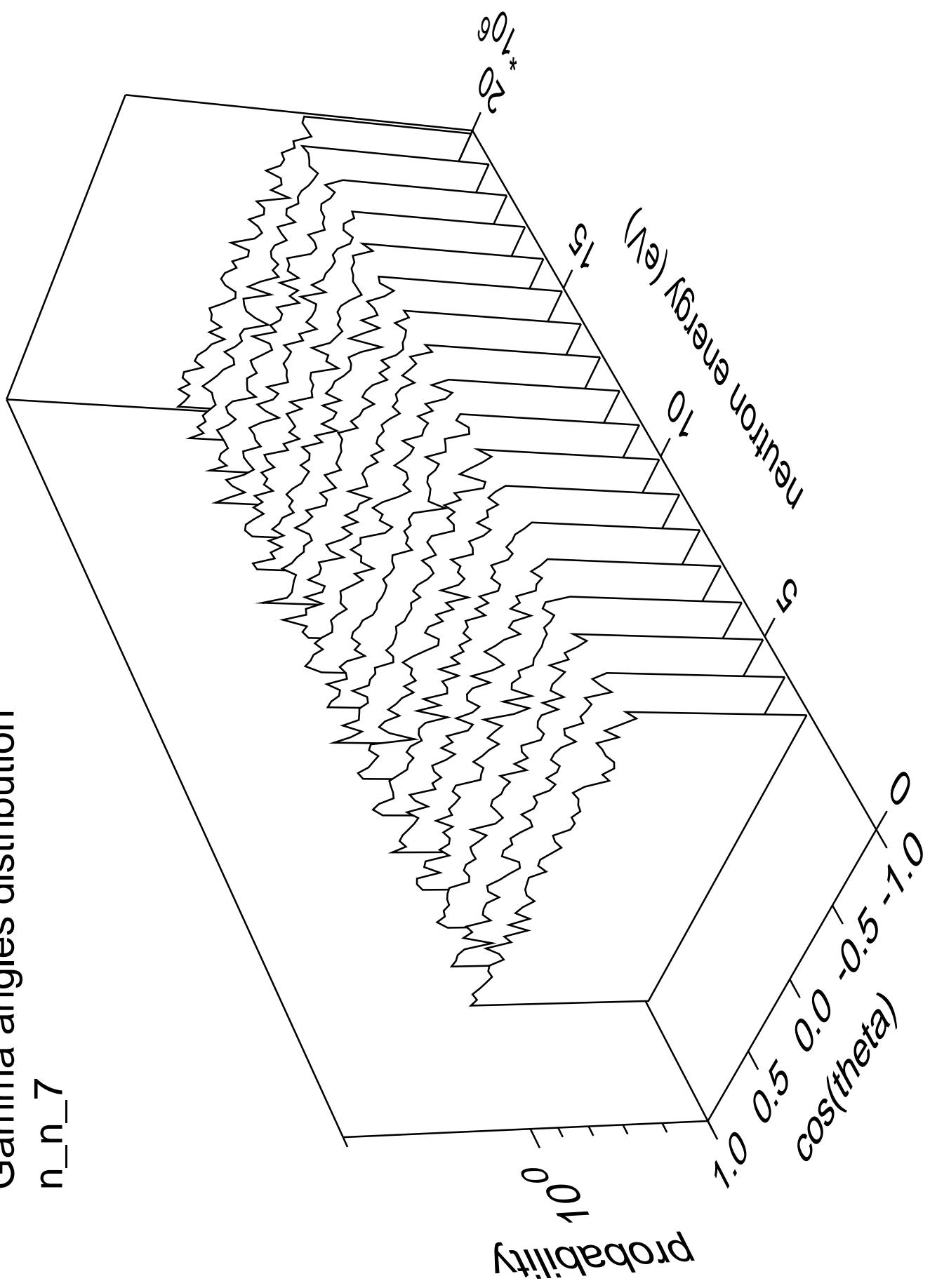
Gamma energy distribution

n_n_7

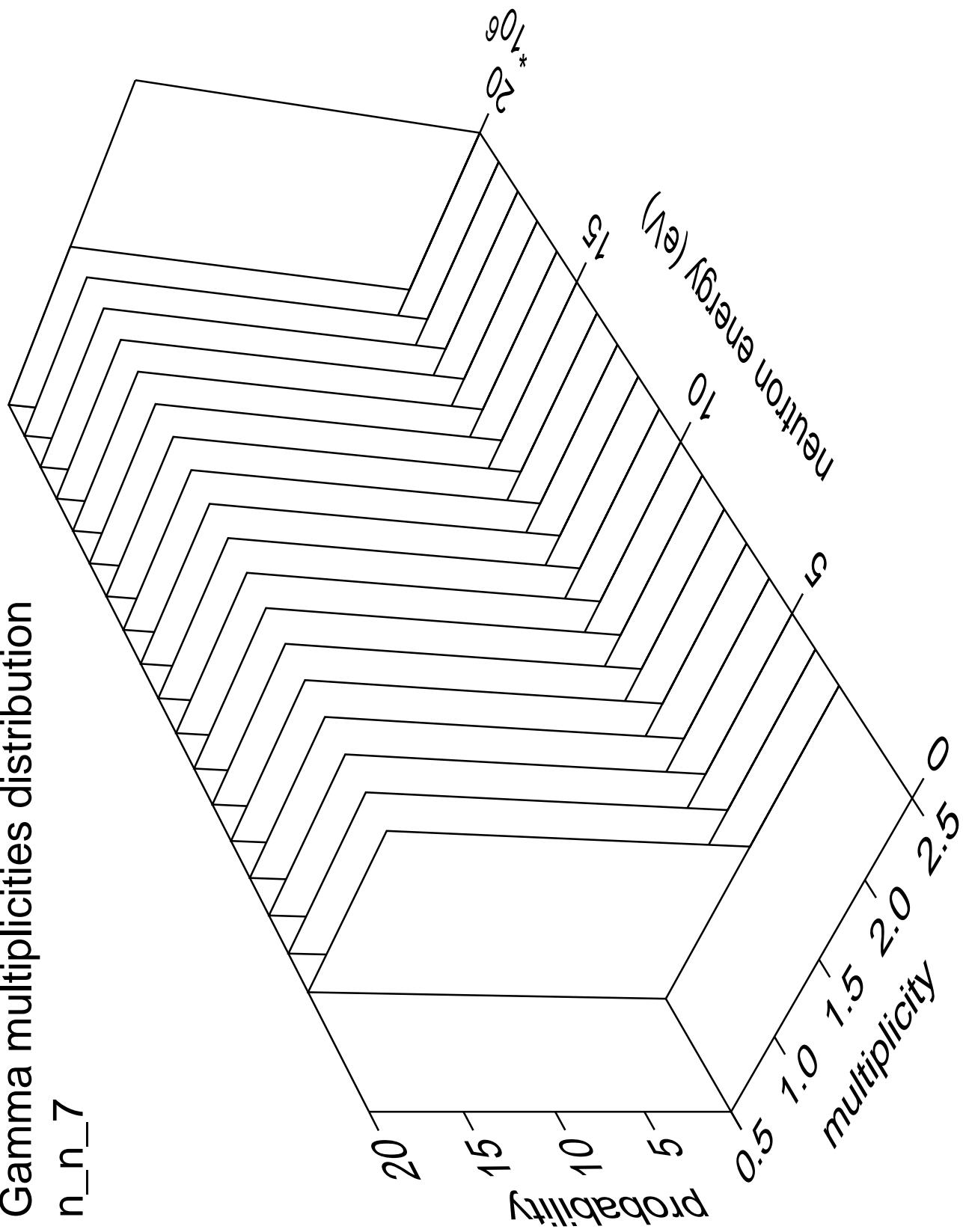


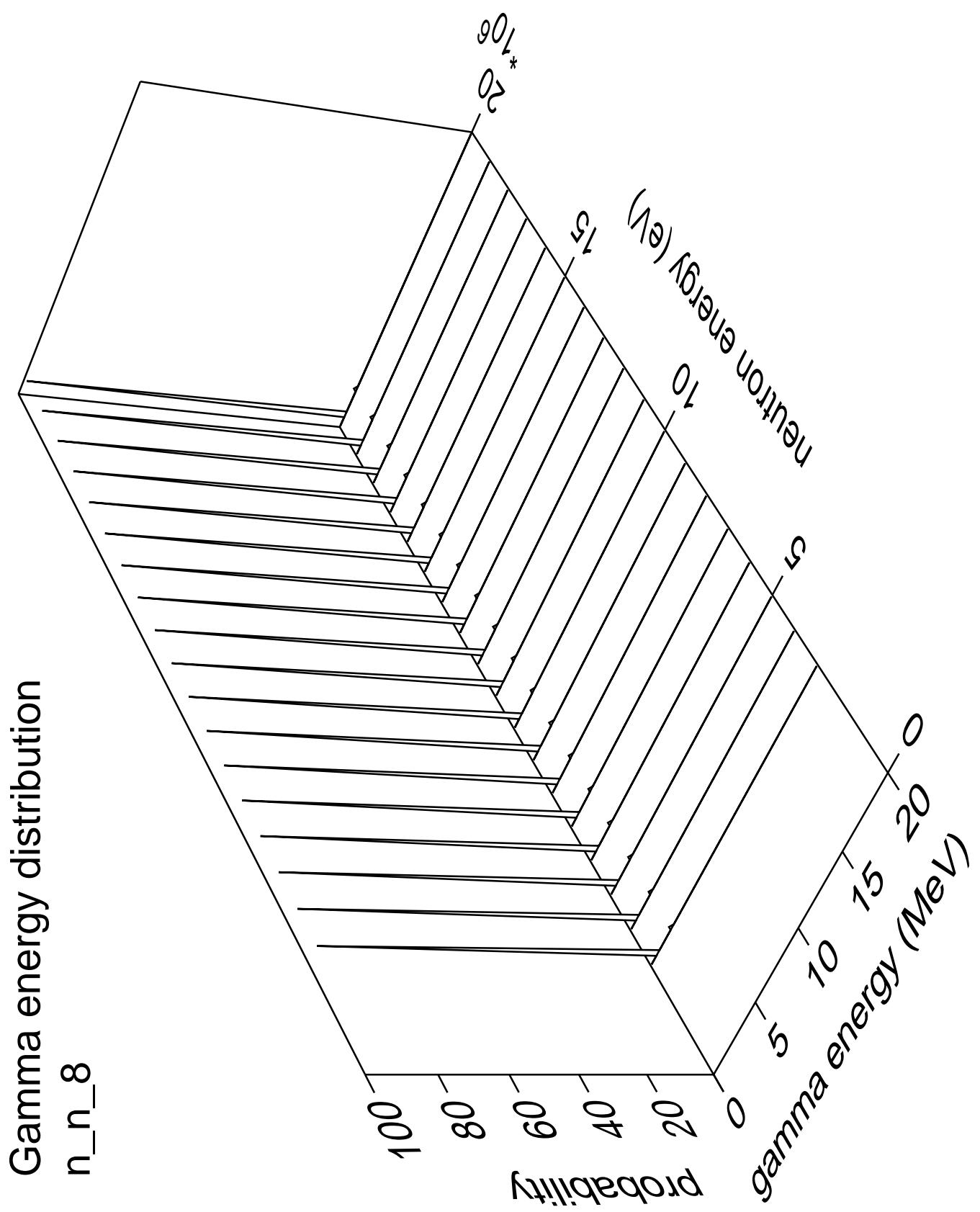
Gamma angles distribution

n_n_7

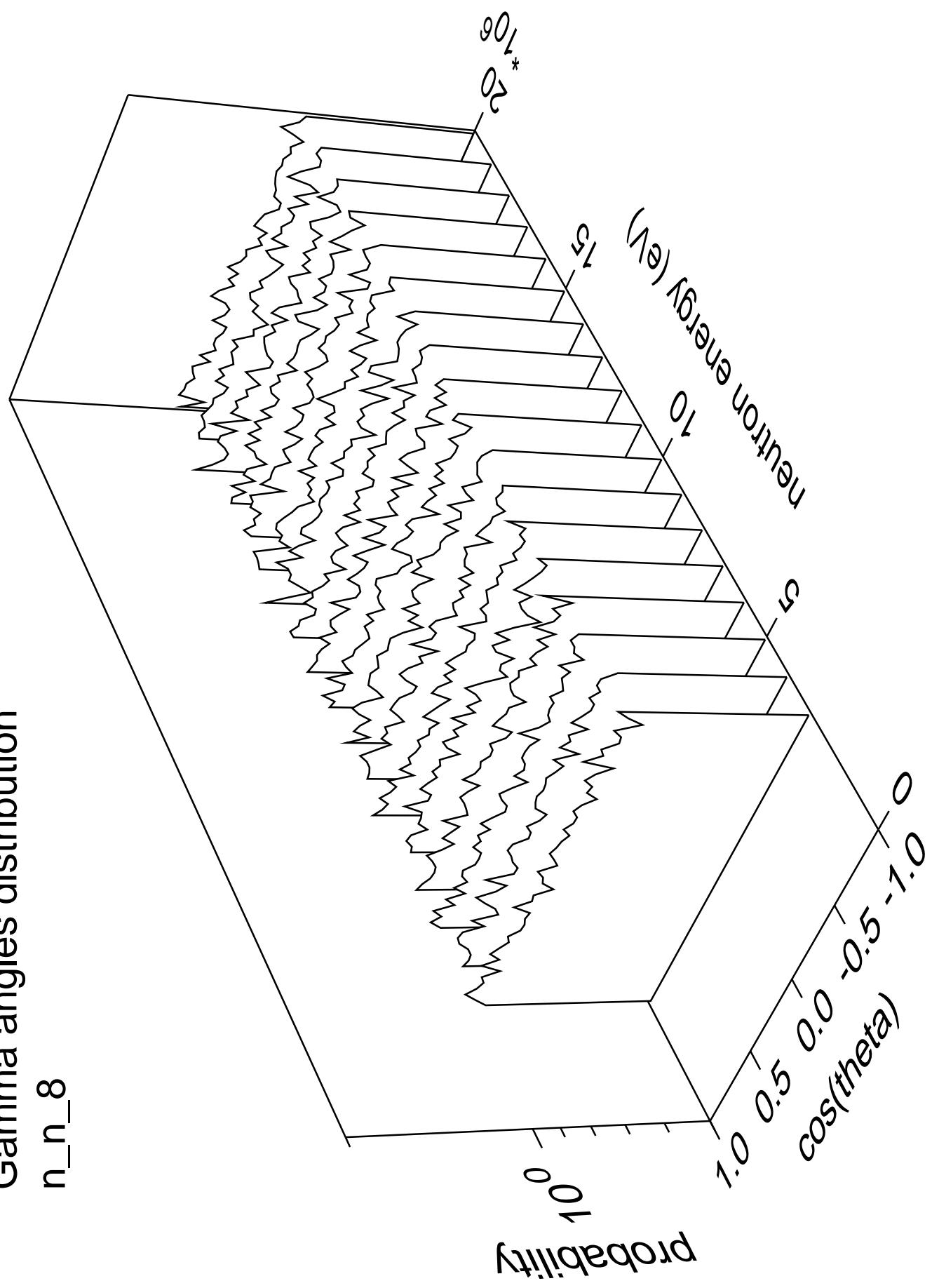


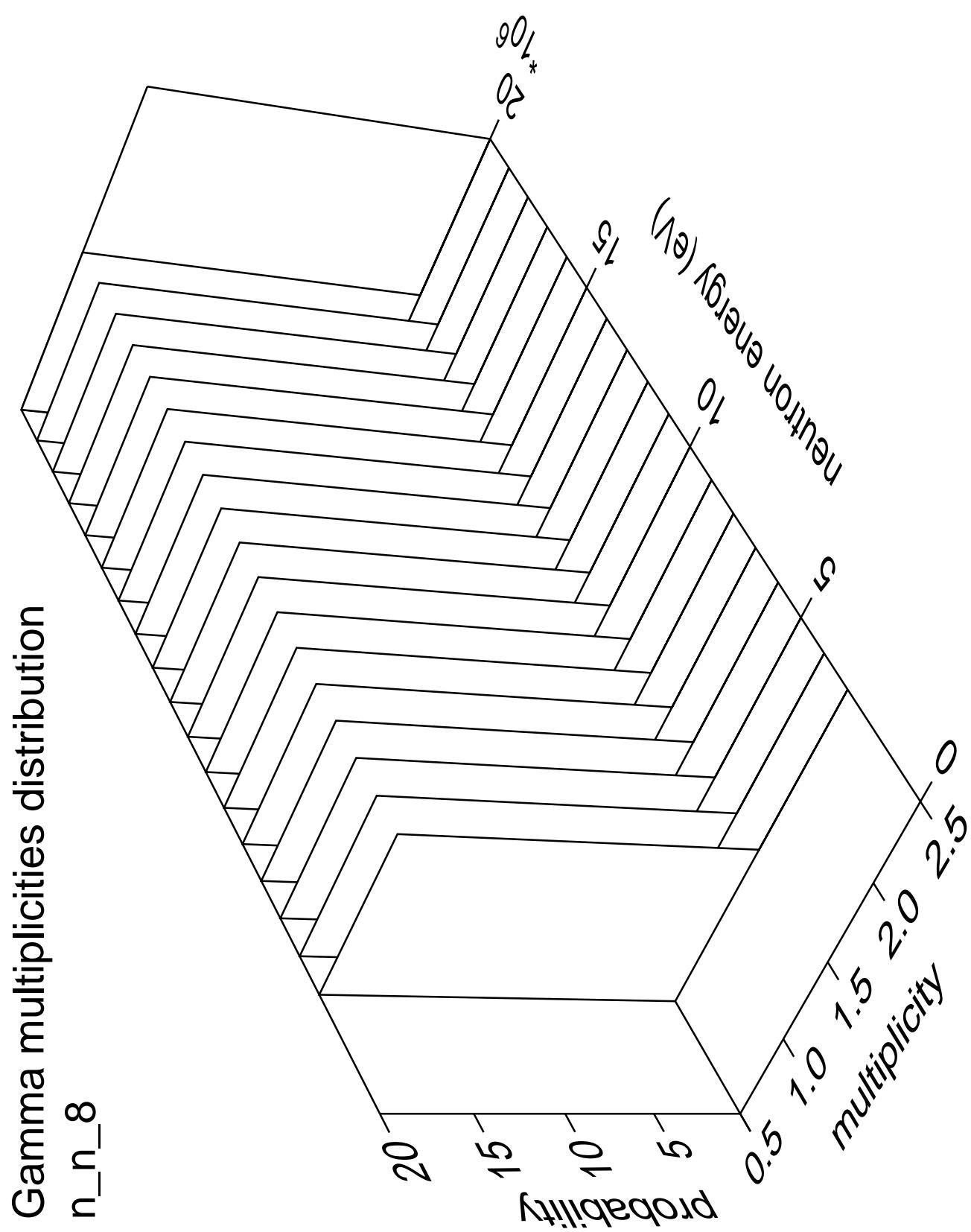
Gamma multiplicities distribution





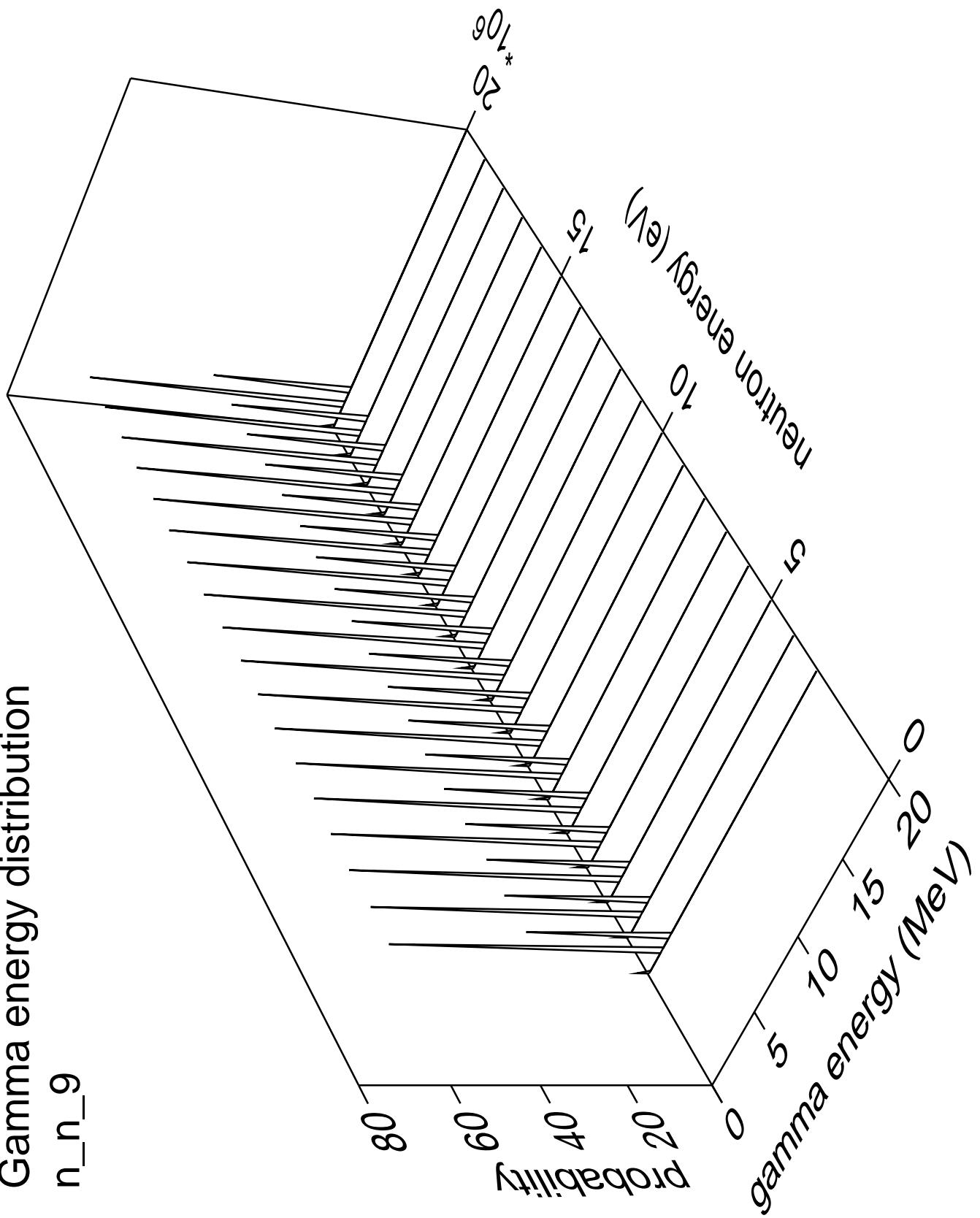
Gamma angles distribution
n_n_8





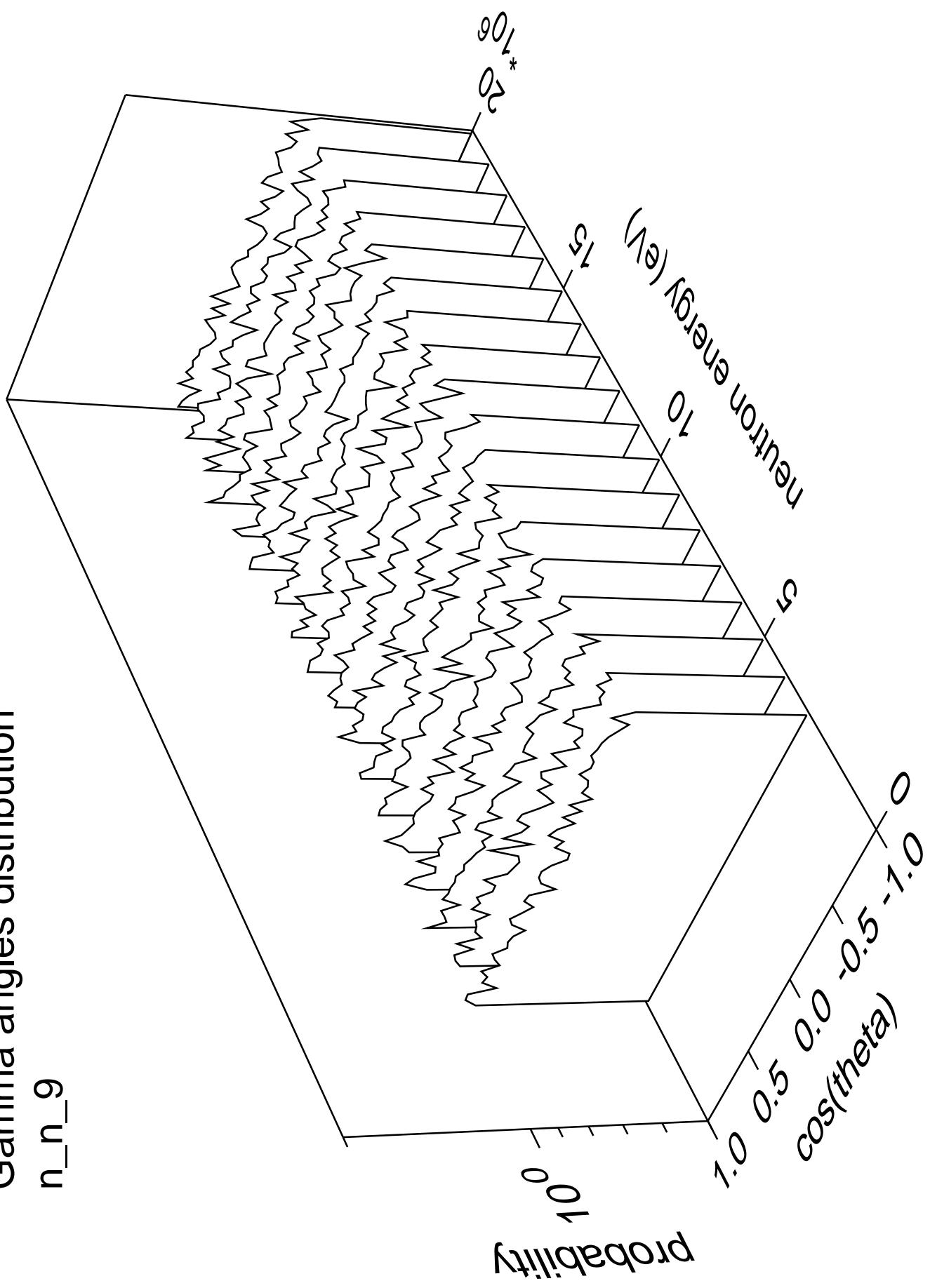
n_n_9

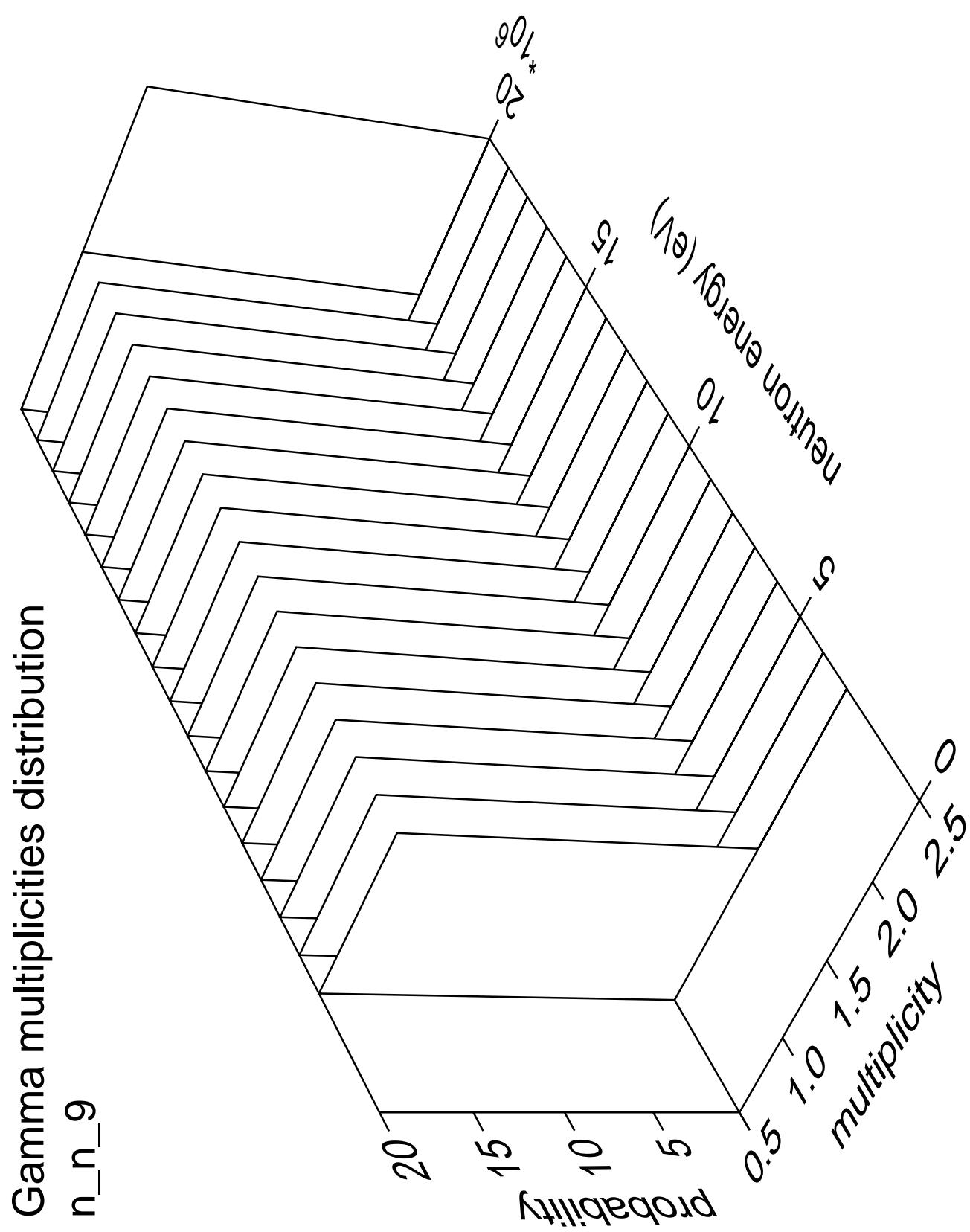
Gamma energy distribution

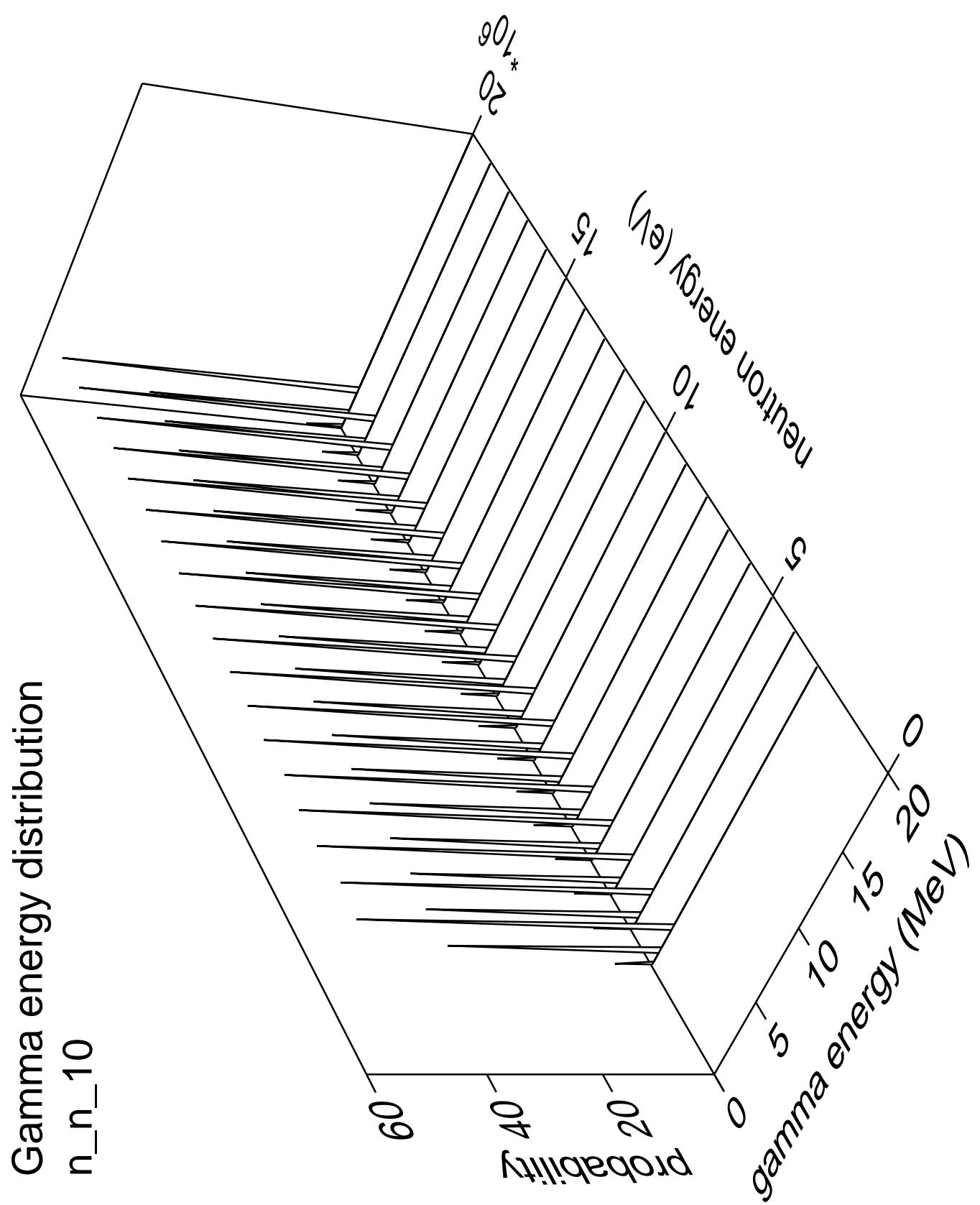


Gamma angles distribution

n_n_9

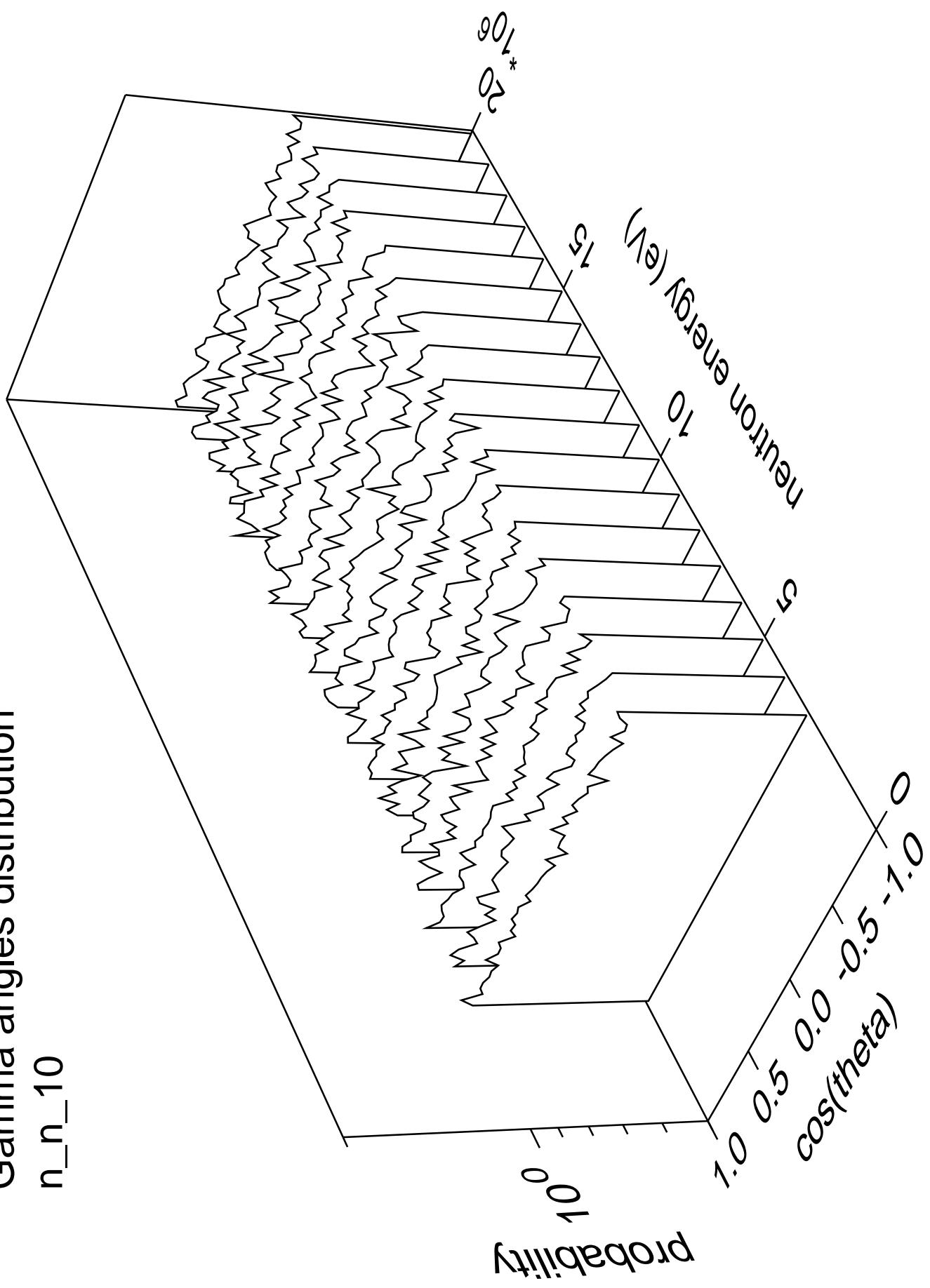


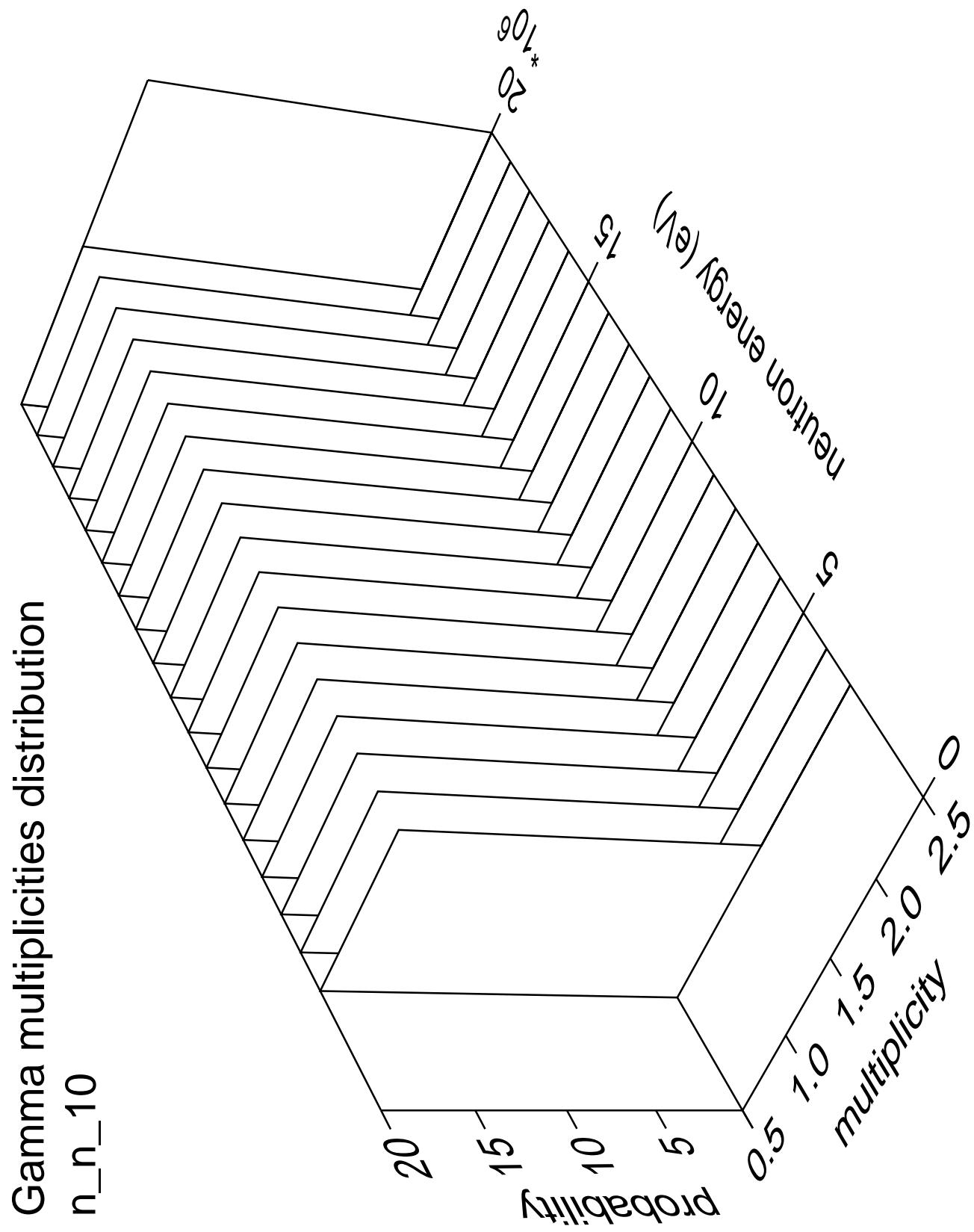




Gamma angles distribution

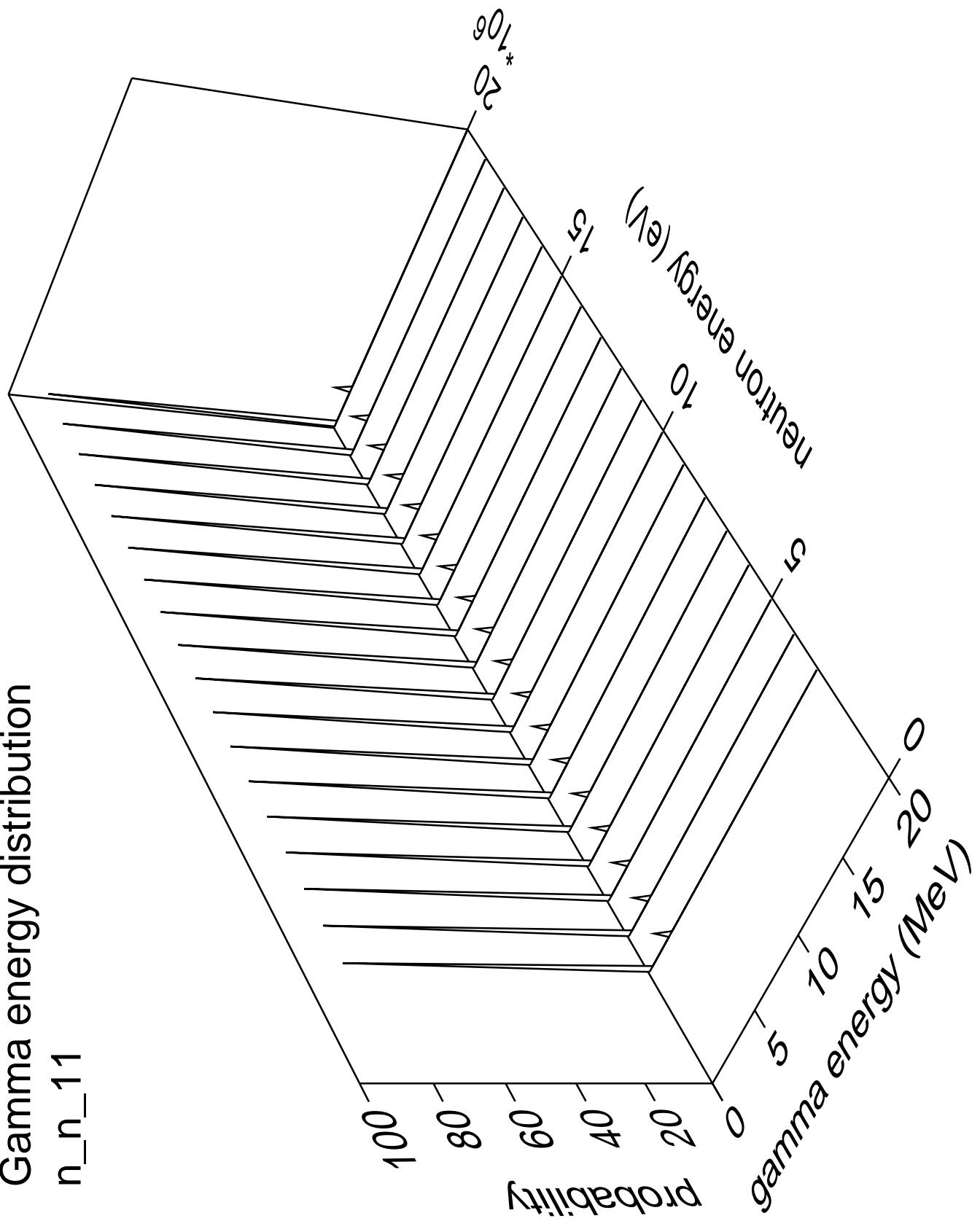
n_n_10



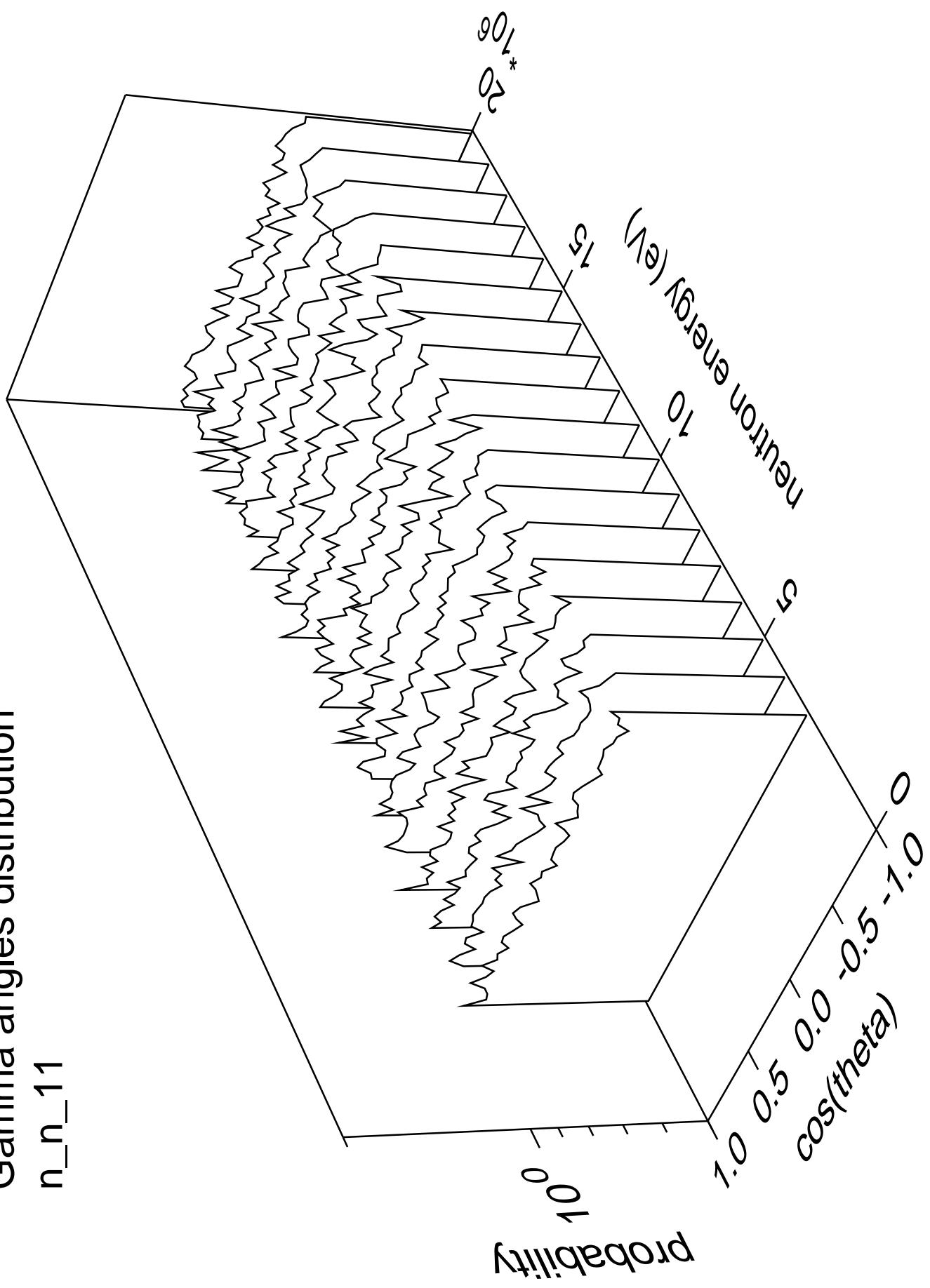


Gamma energy distribution

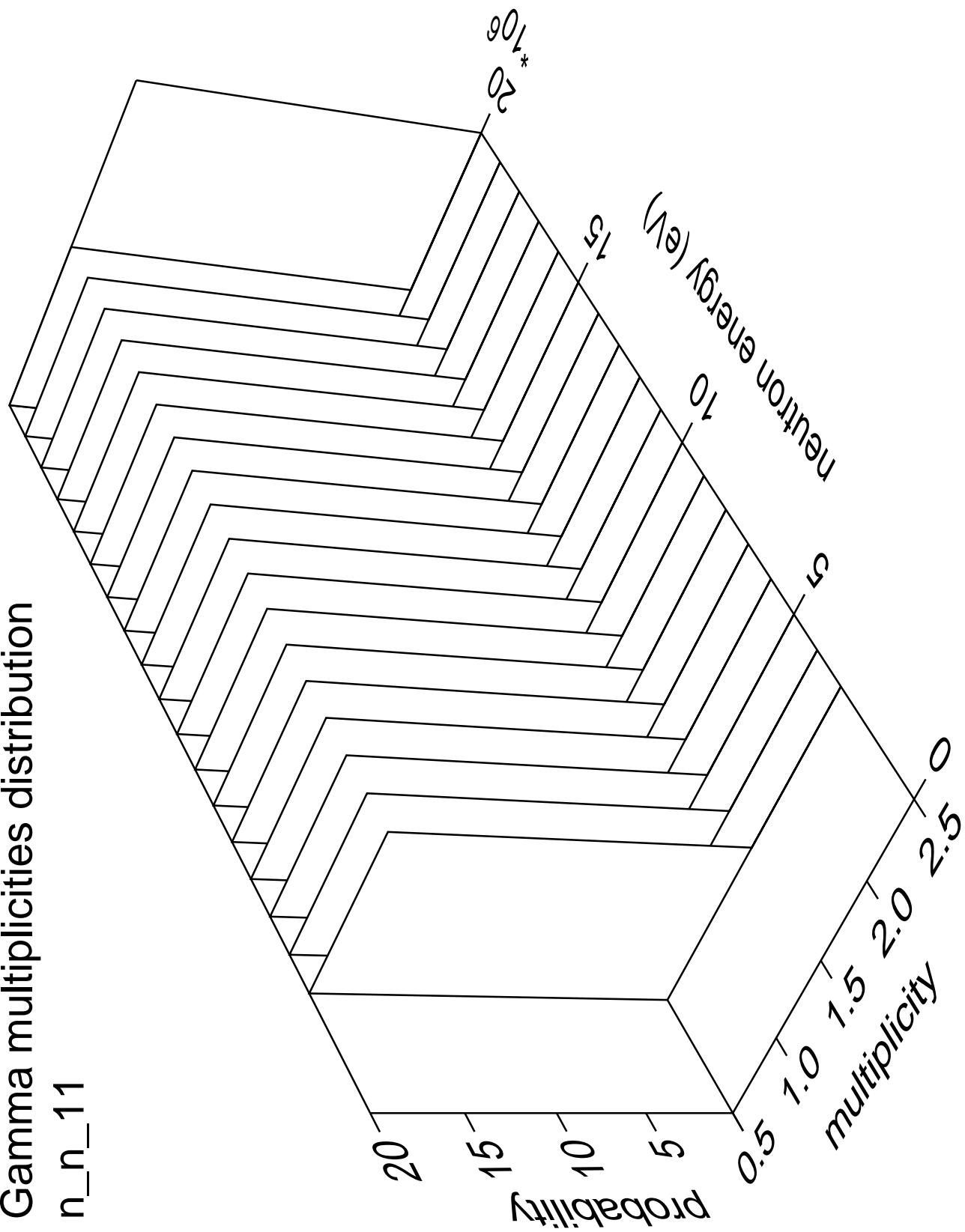
n_n_11



Gamma angles distribution

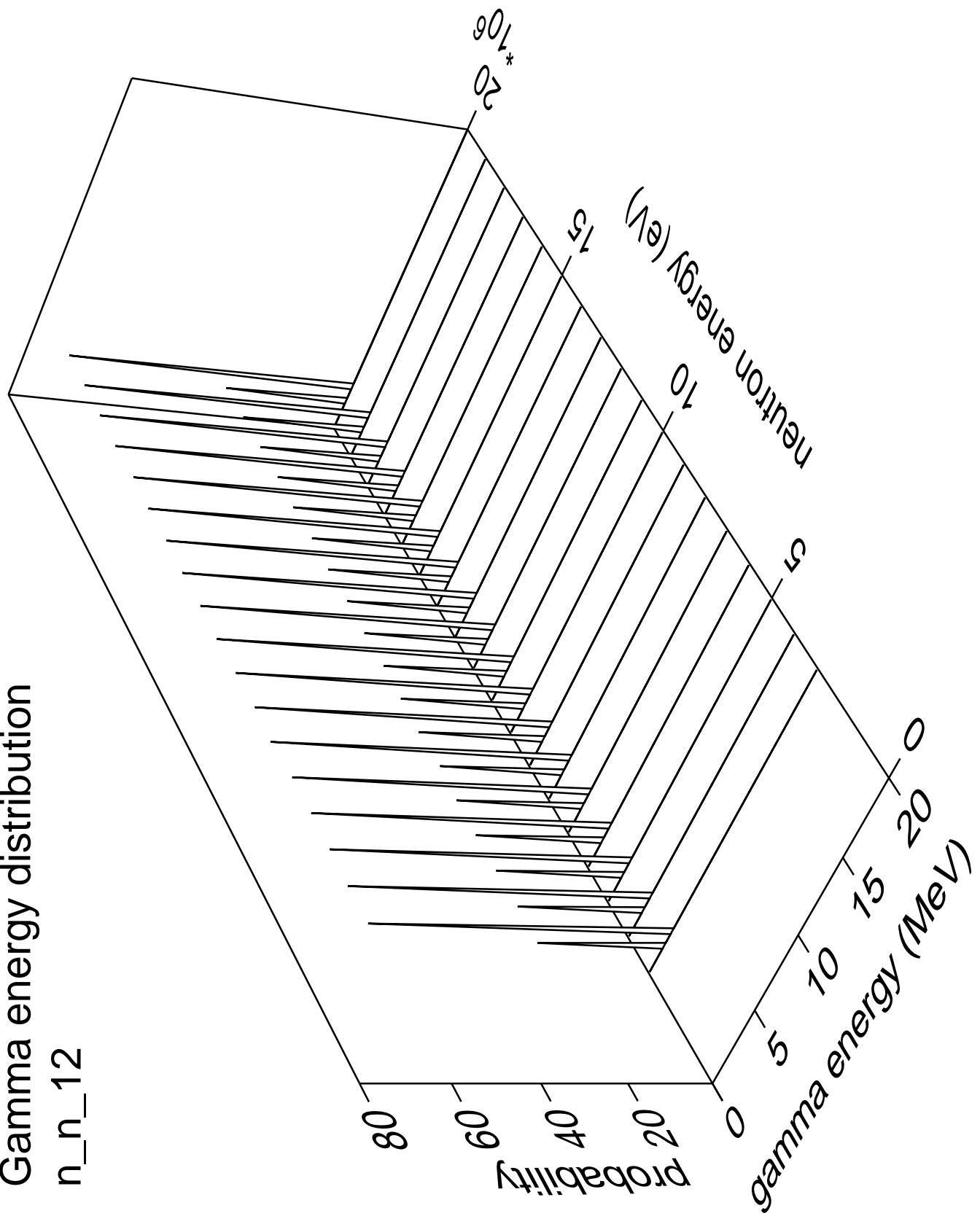


Gamma multiplicities distribution



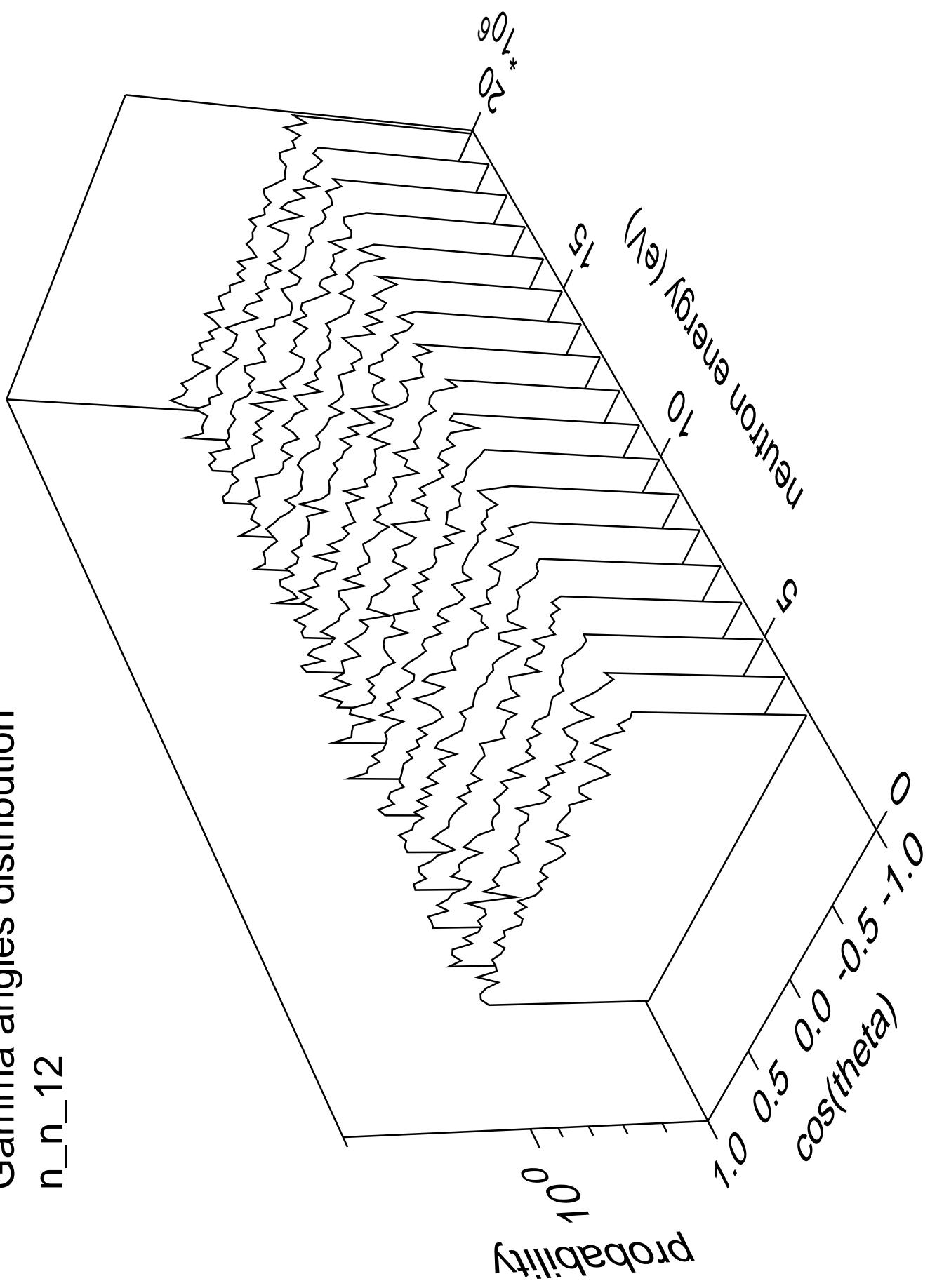
Gamma energy distribution

n_n_12

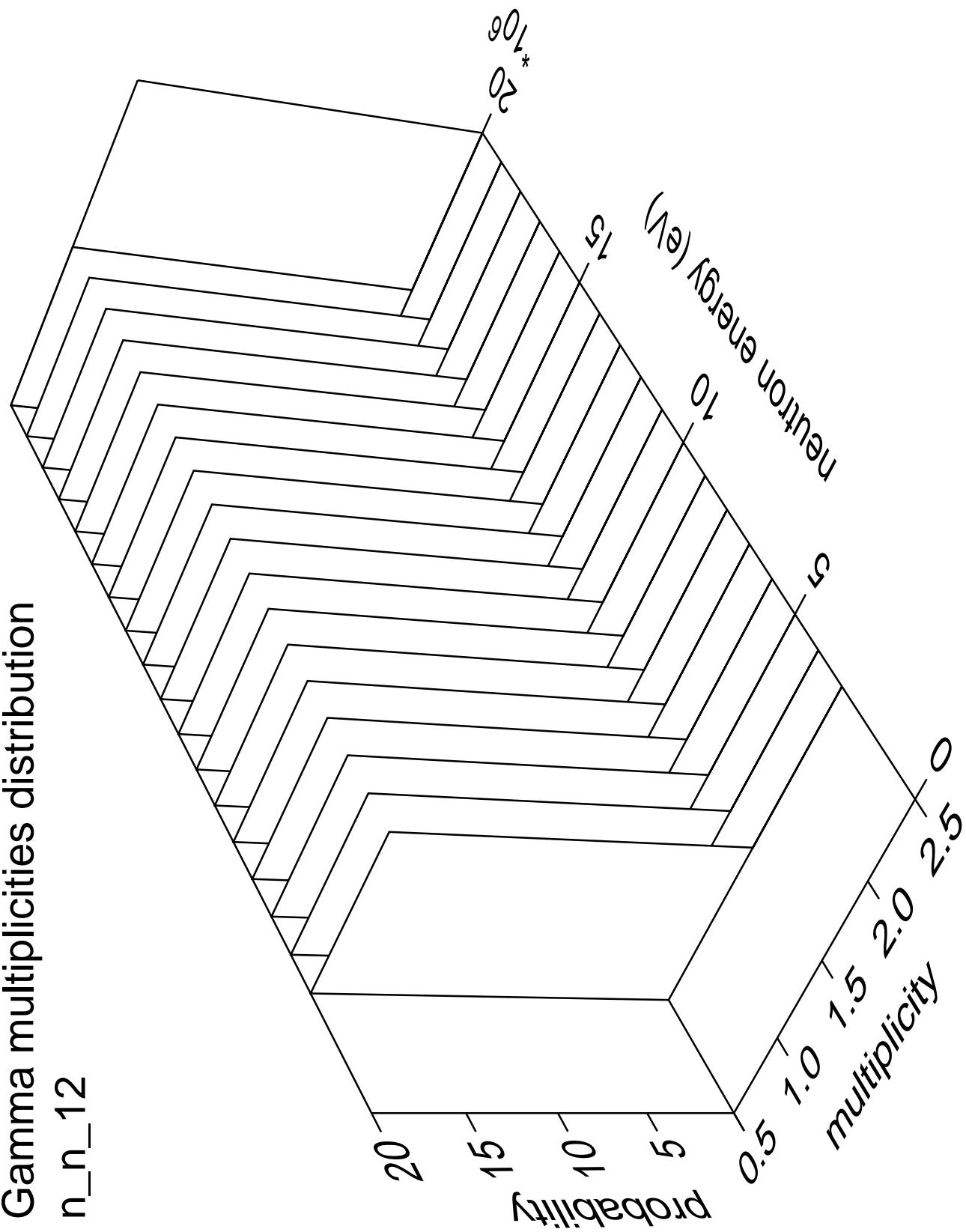


Gamma angles distribution

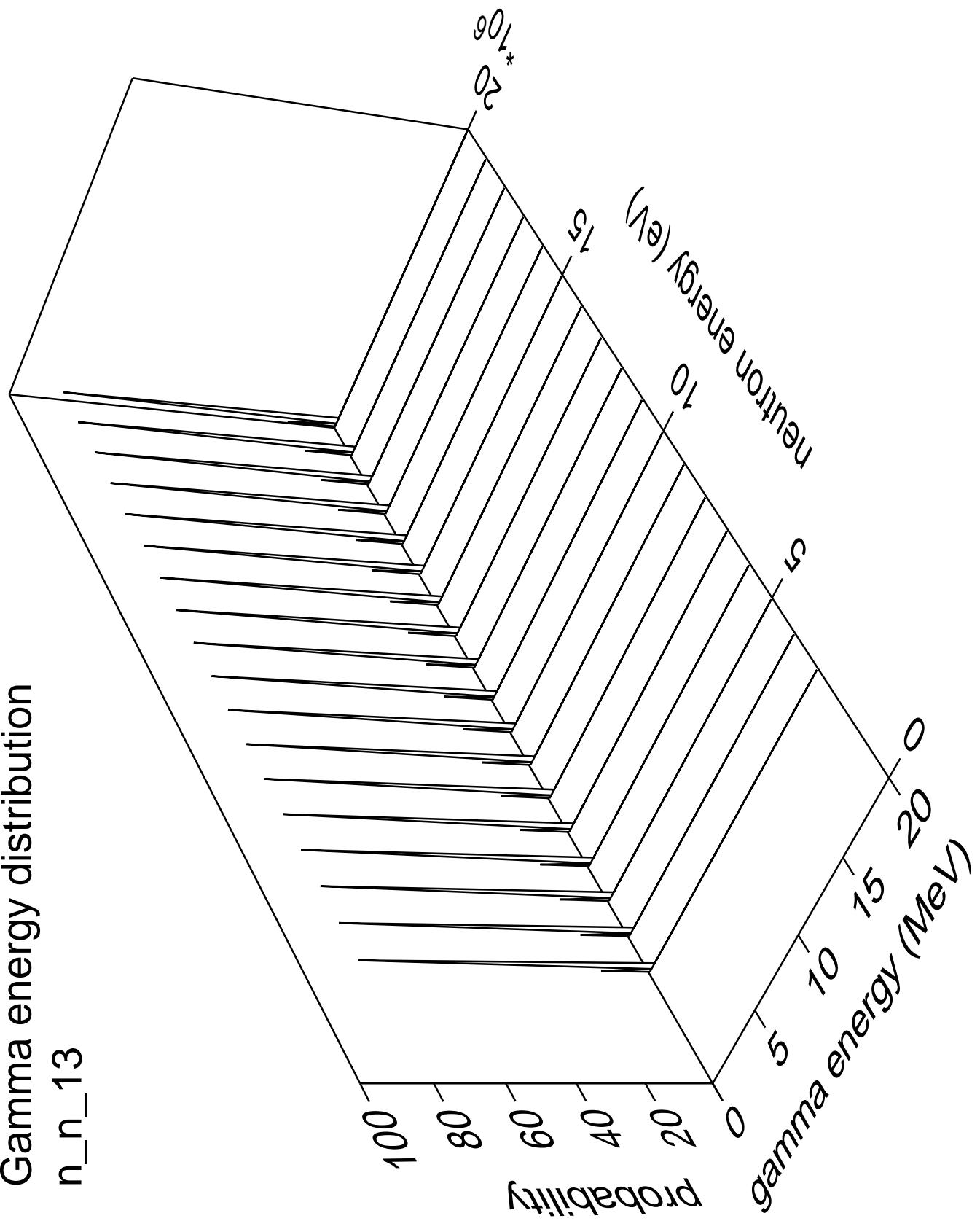
n_{n_12}



Gamma multiplicities distribution

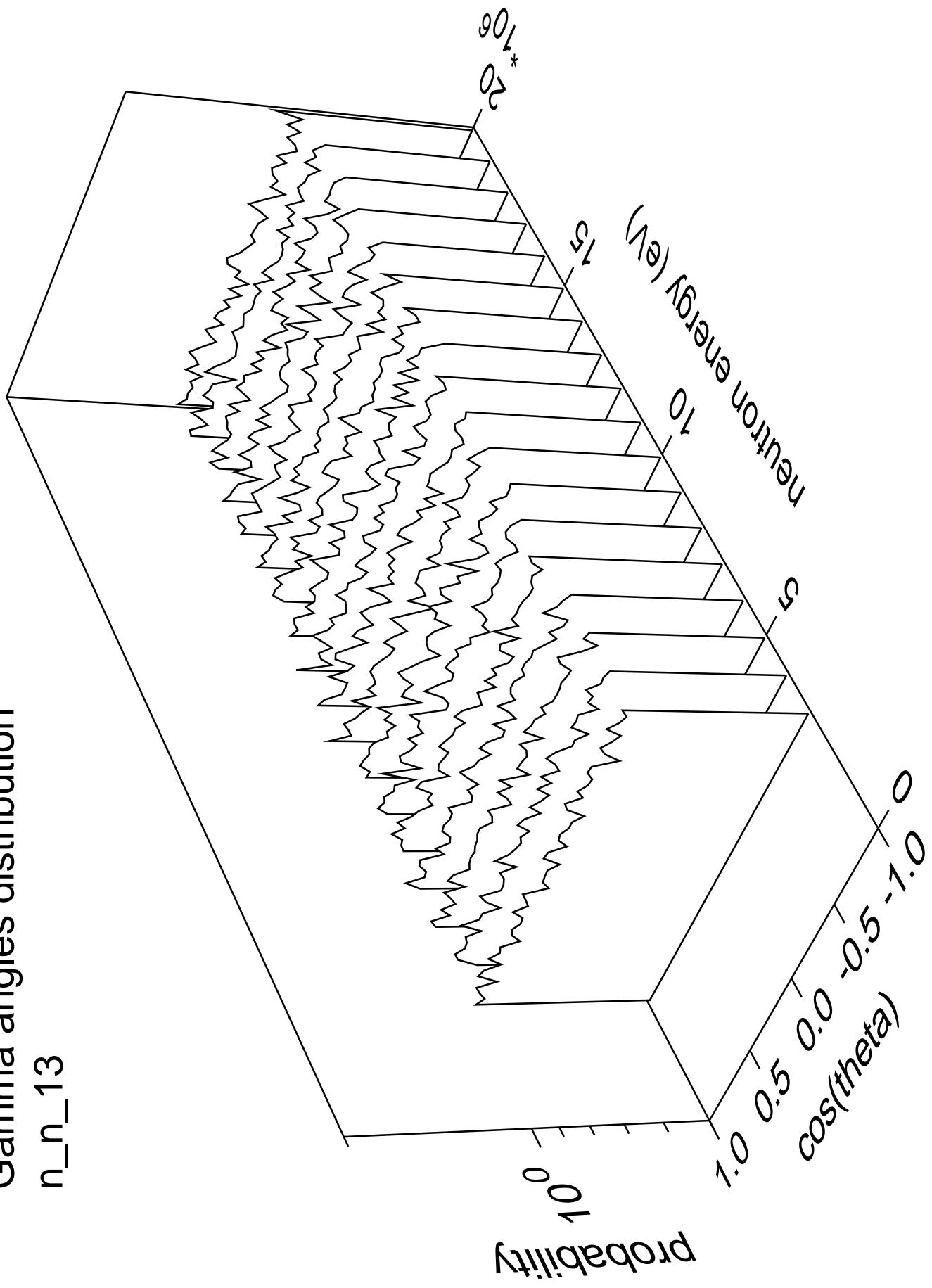


Gamma energy distribution

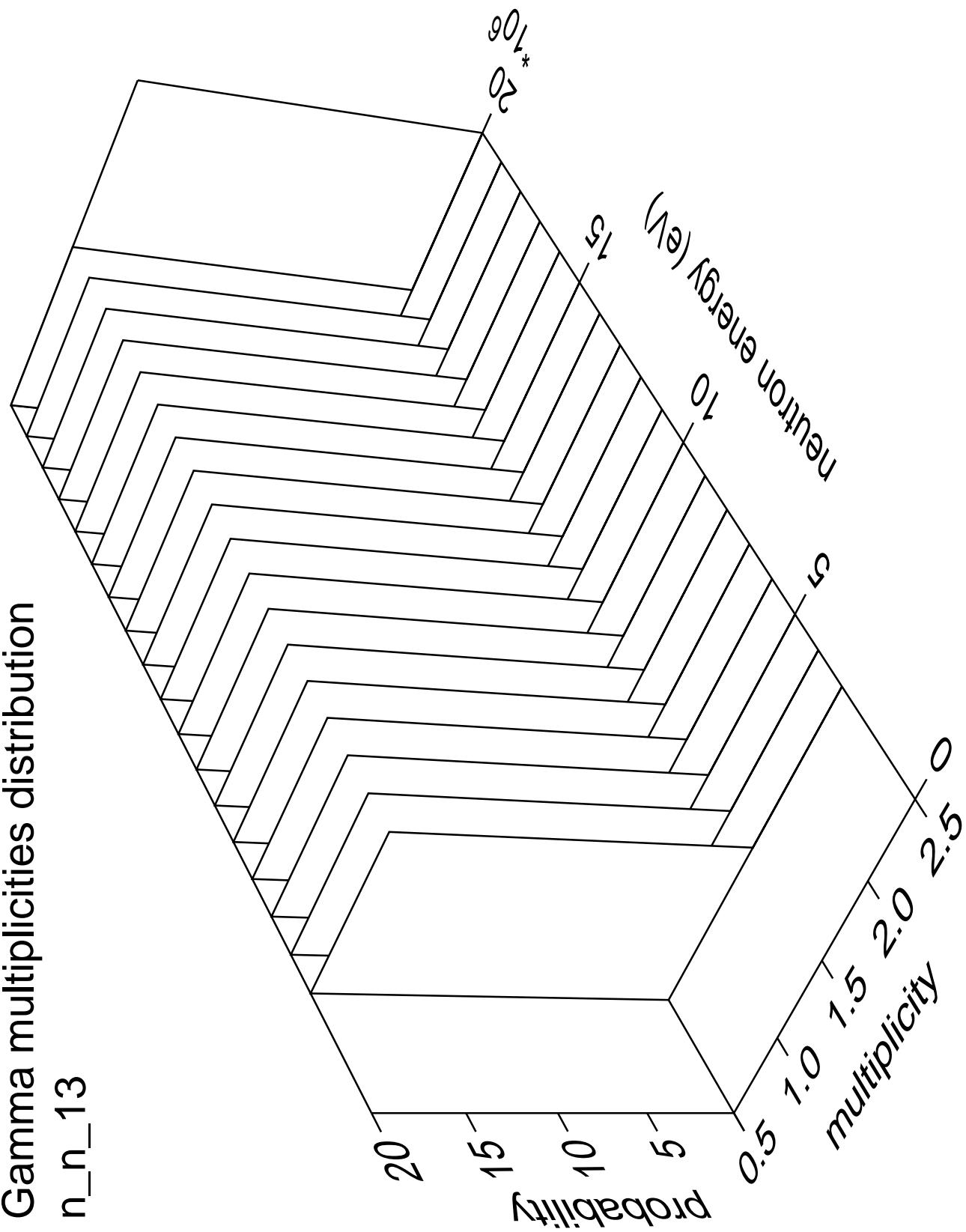


Gamma angles distribution

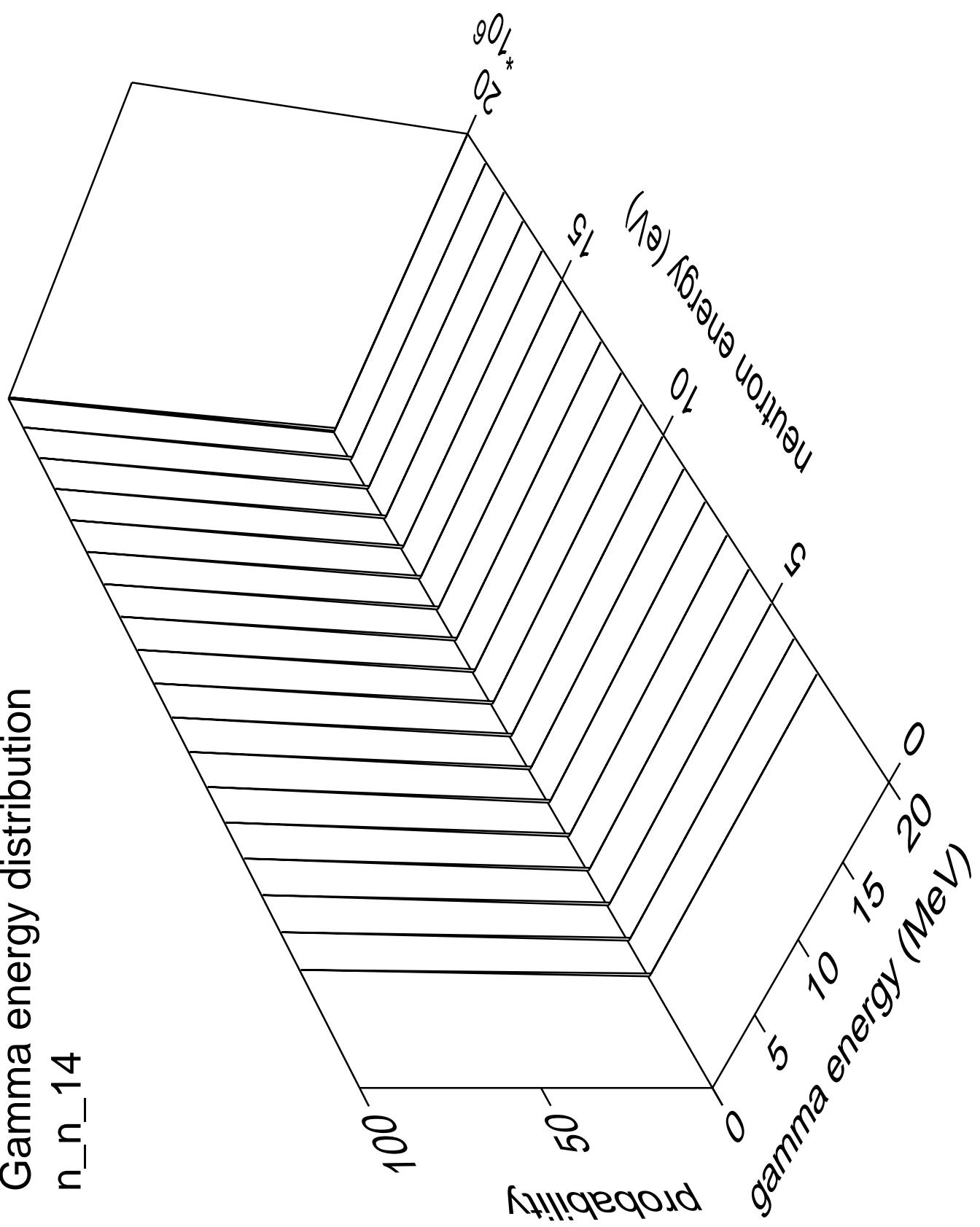
n_n_13



Gamma multiplicities distribution

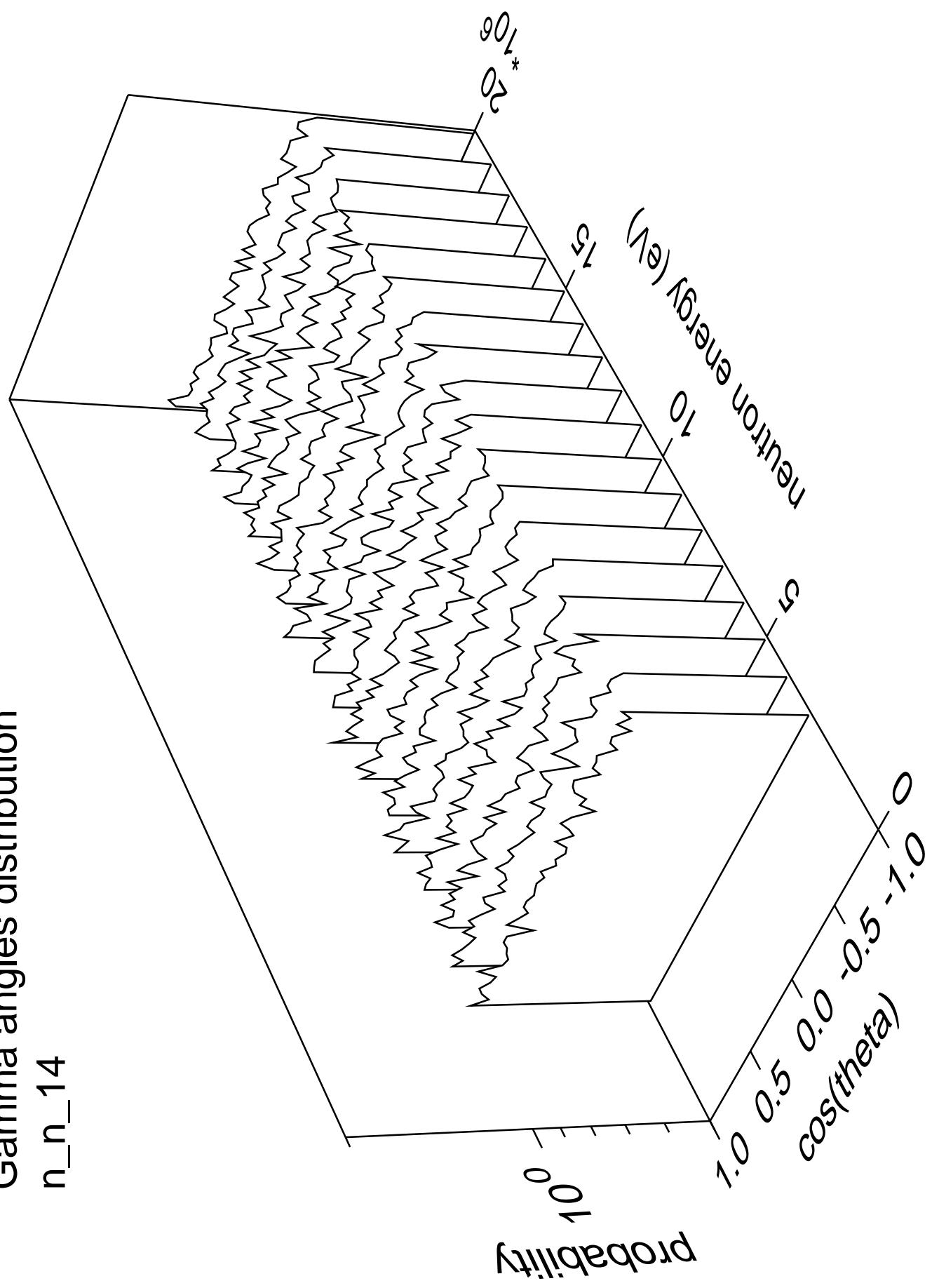


n_n_14

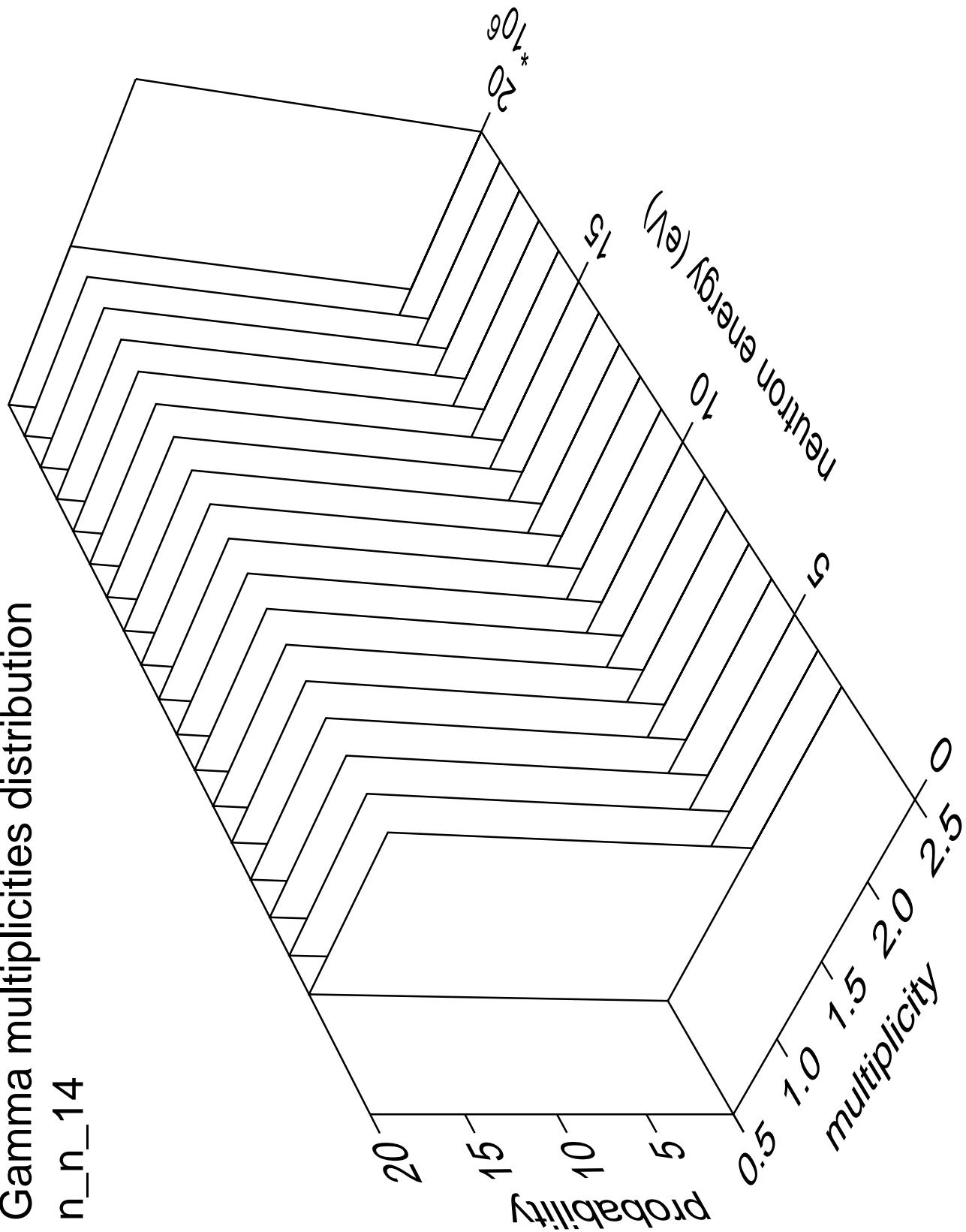


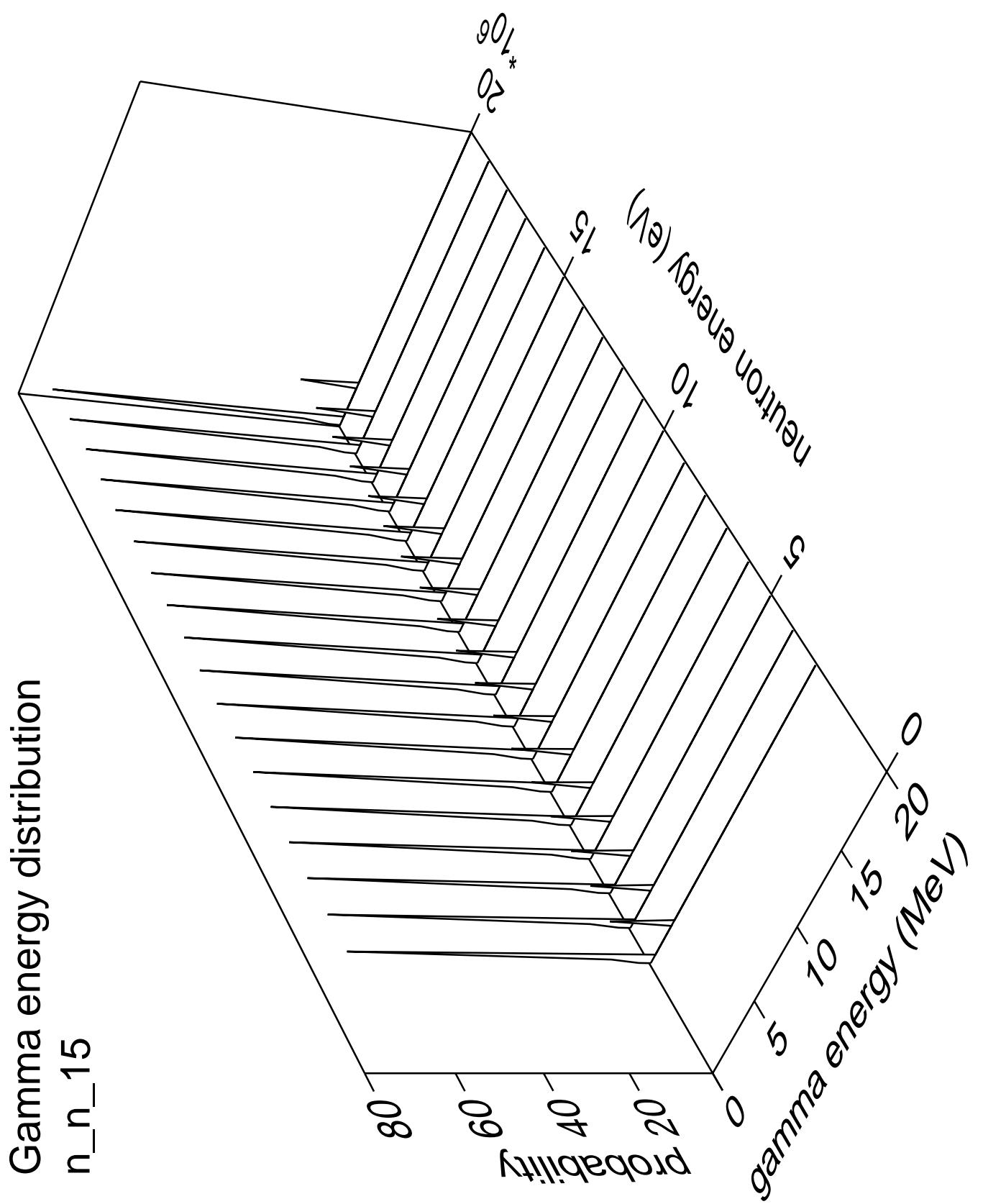
Gamma angles distribution

n_n_14



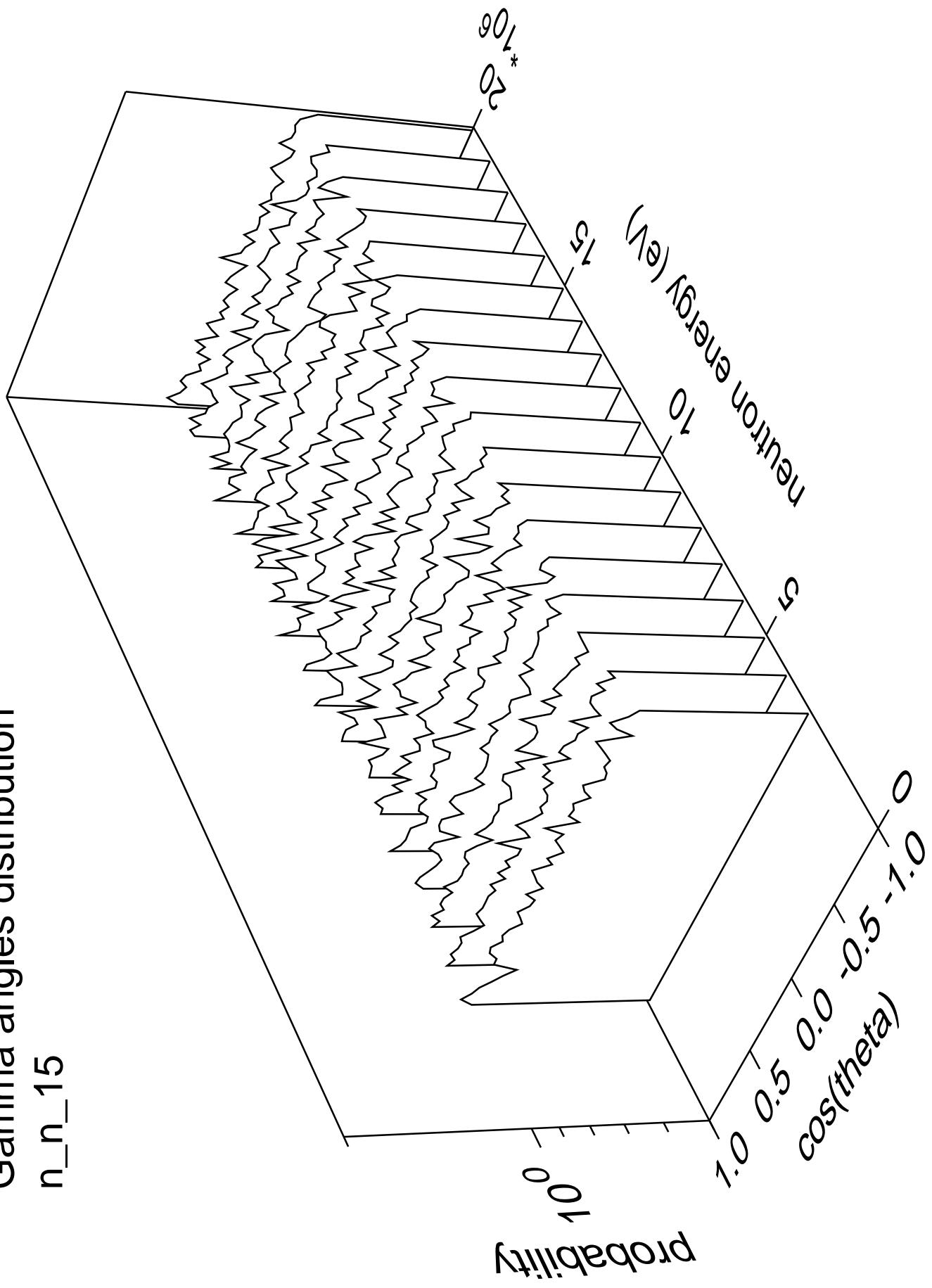
Gamma multiplicities distribution n_n_14



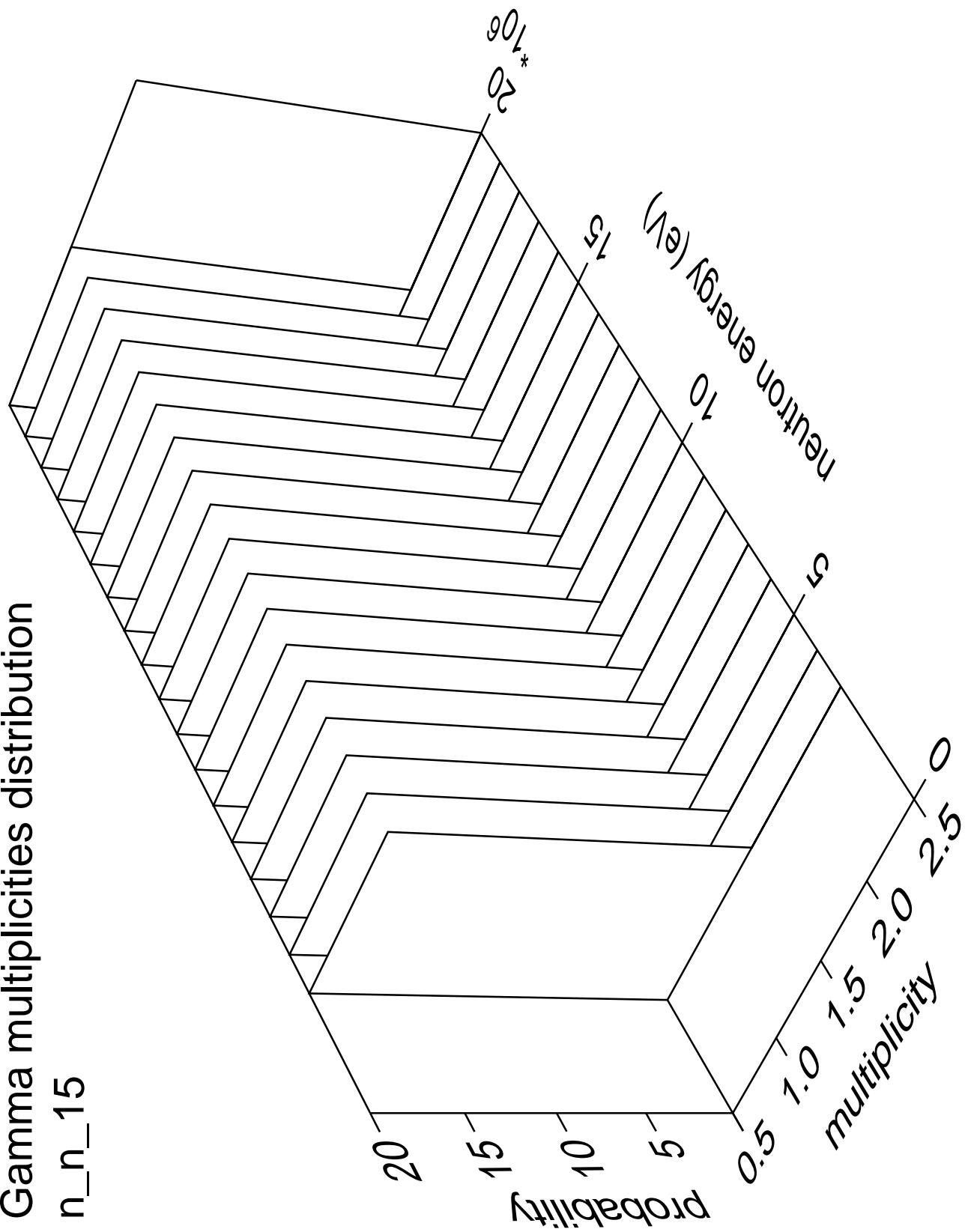


Gamma angles distribution

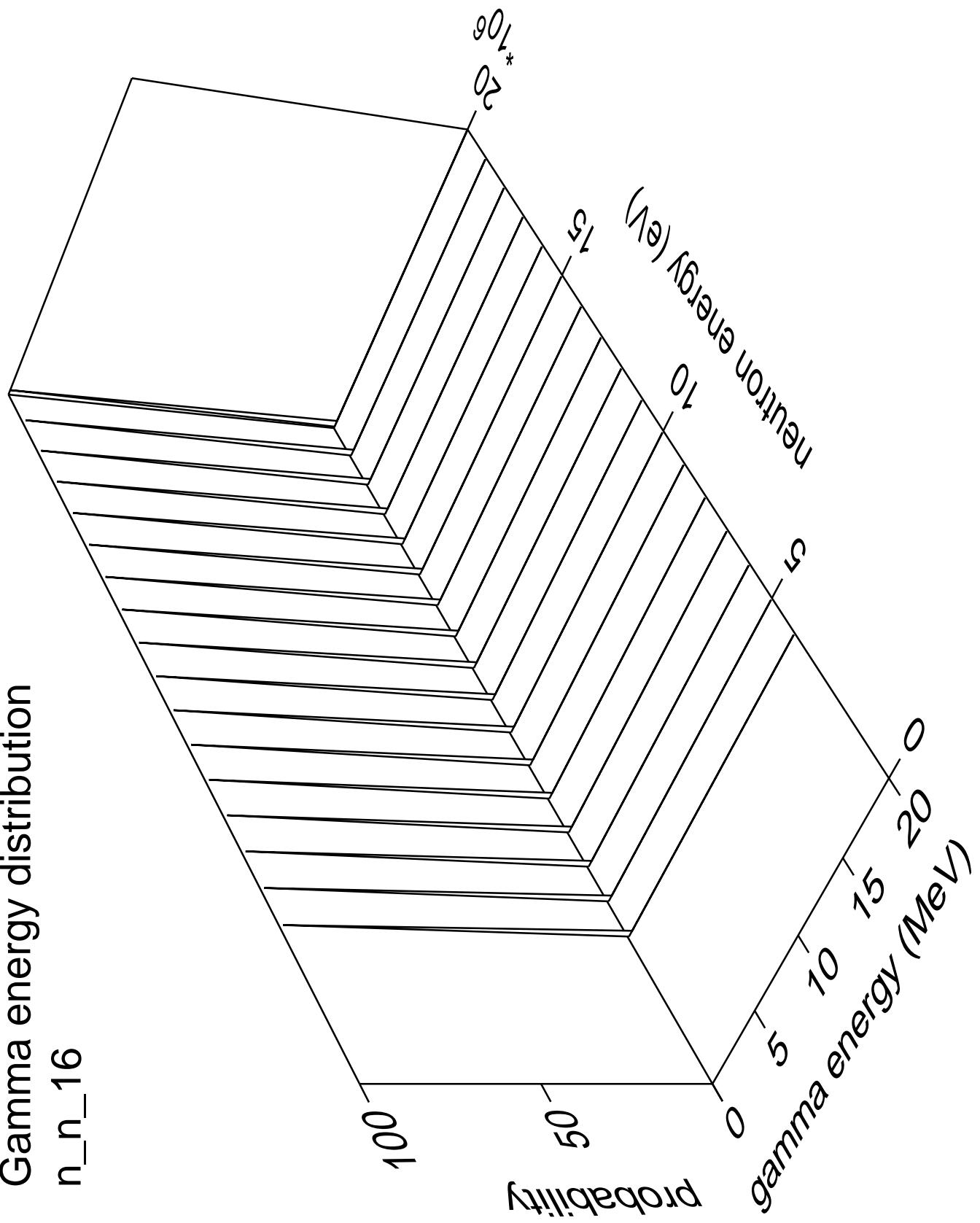
n_n_15



Gamma multiplicities distribution

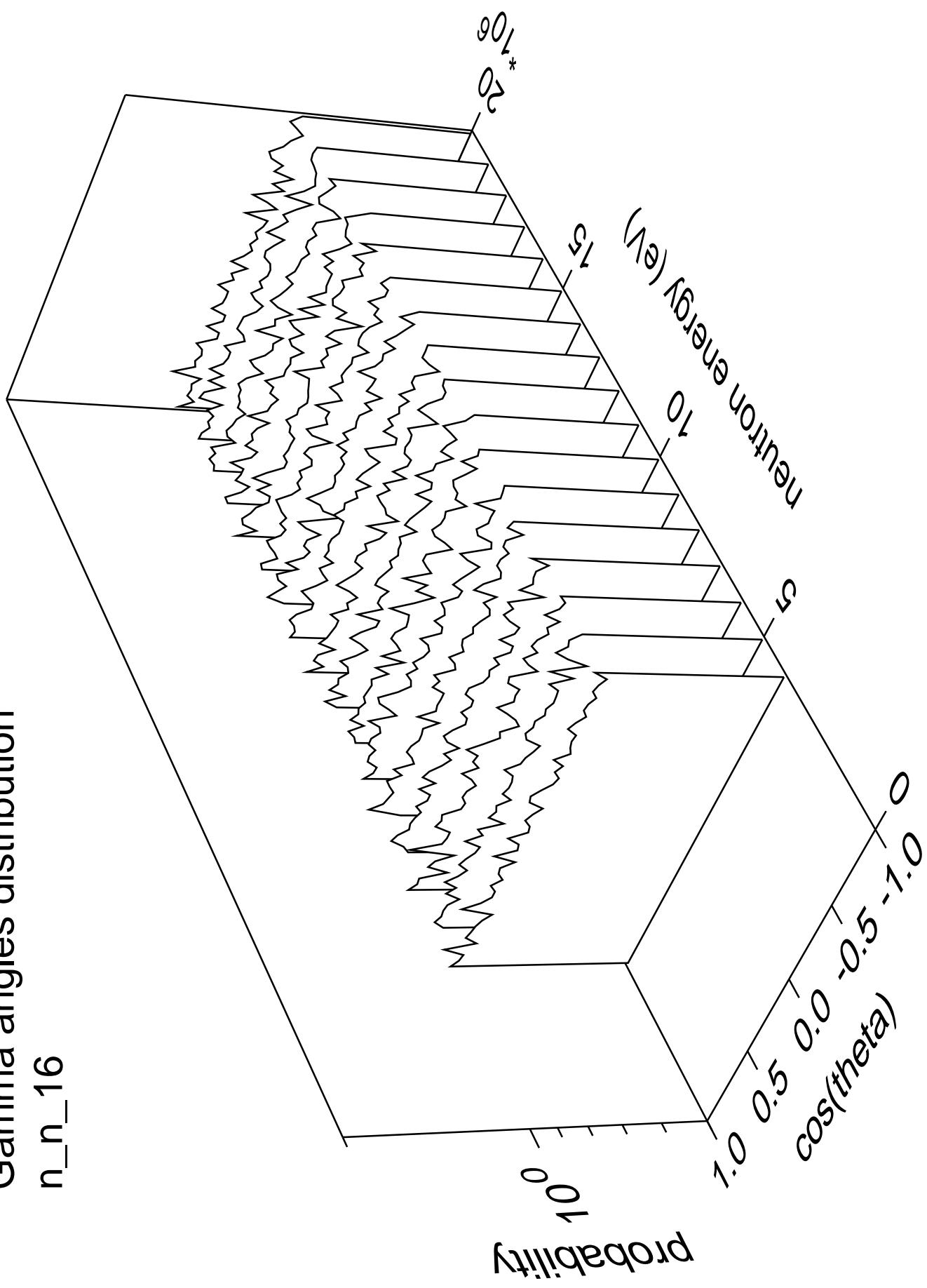


Gamma energy distribution

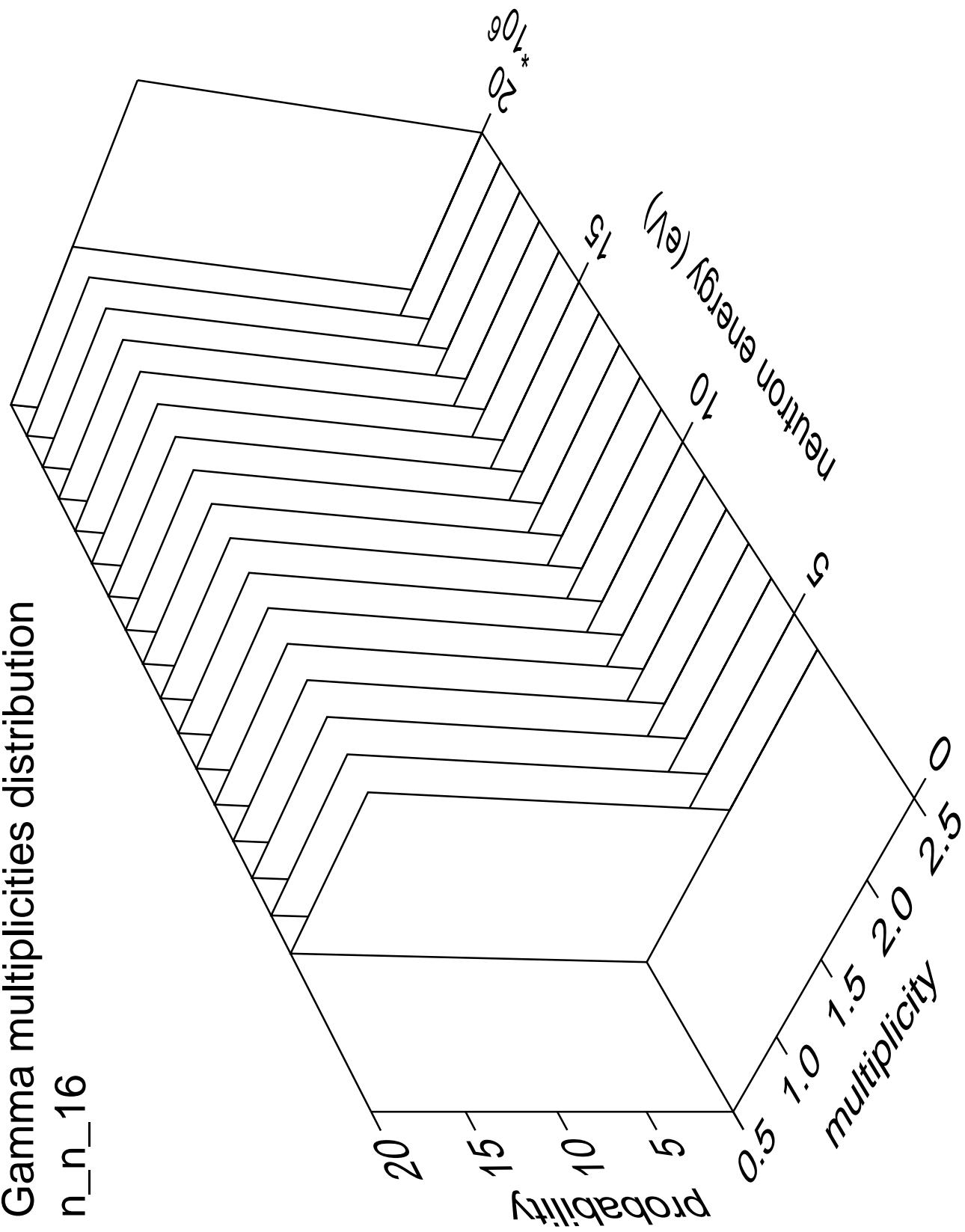


Gamma angles distribution

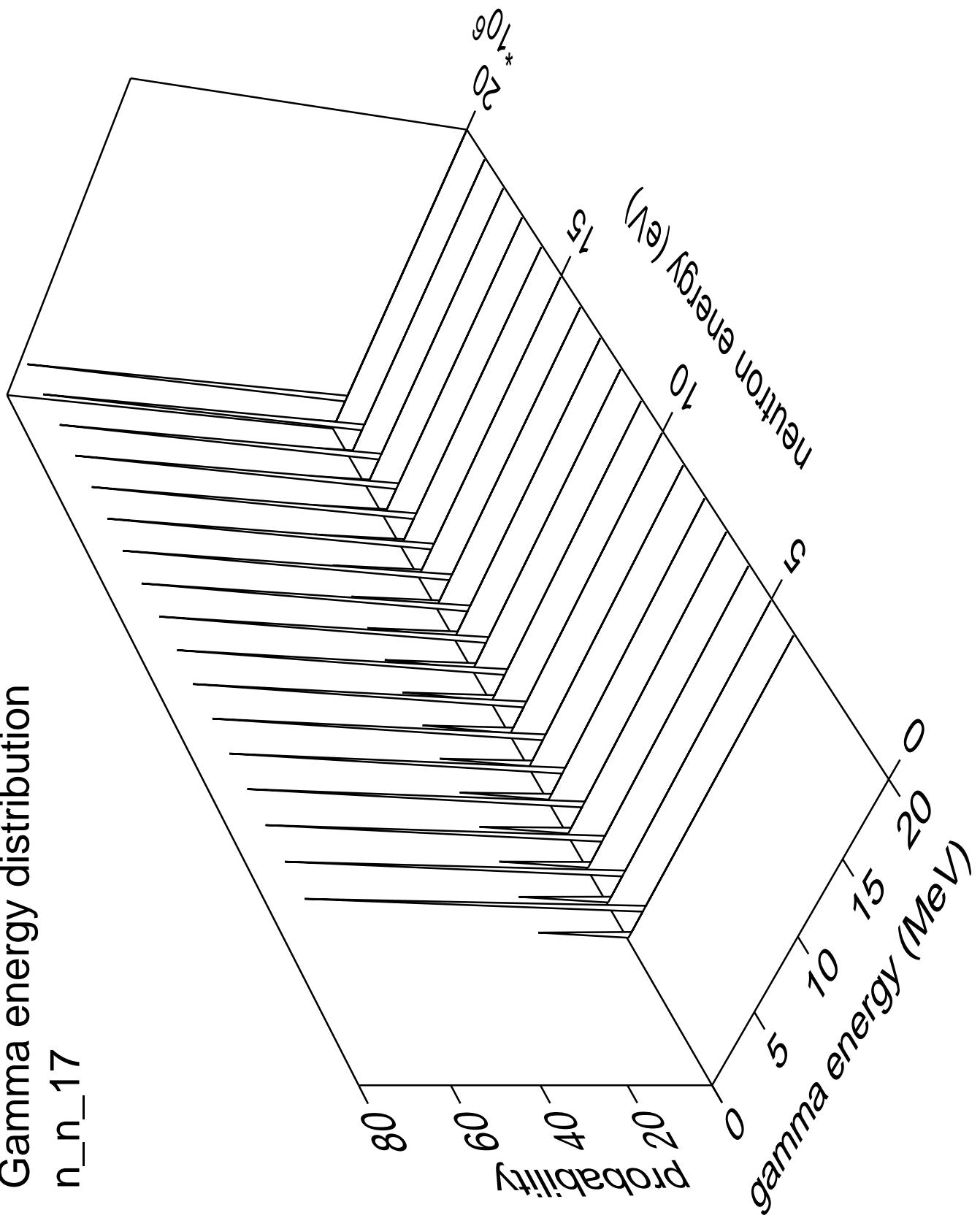
n_n_16



Gamma multiplicities distribution

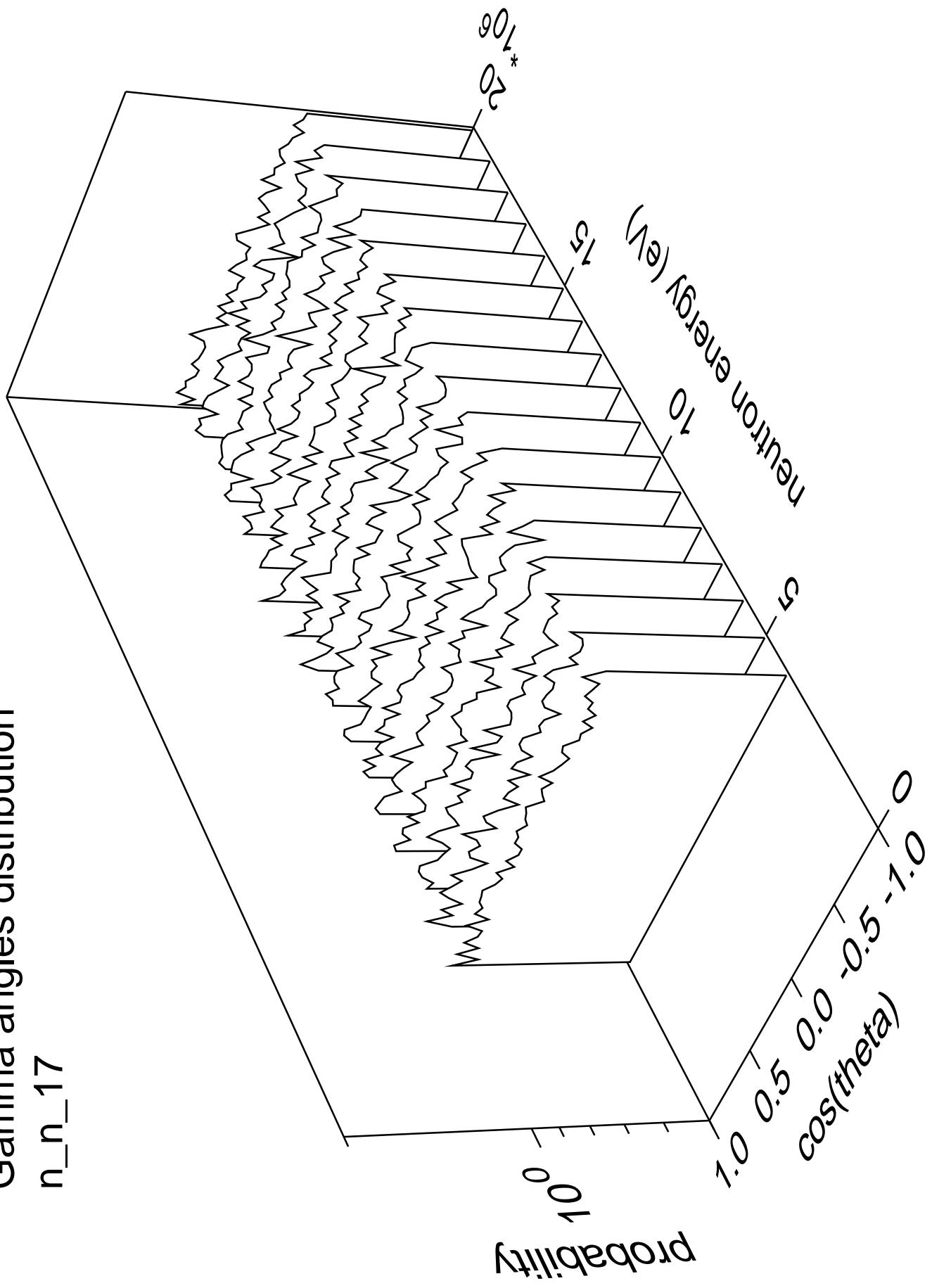


Gamma energy distribution n_n_17

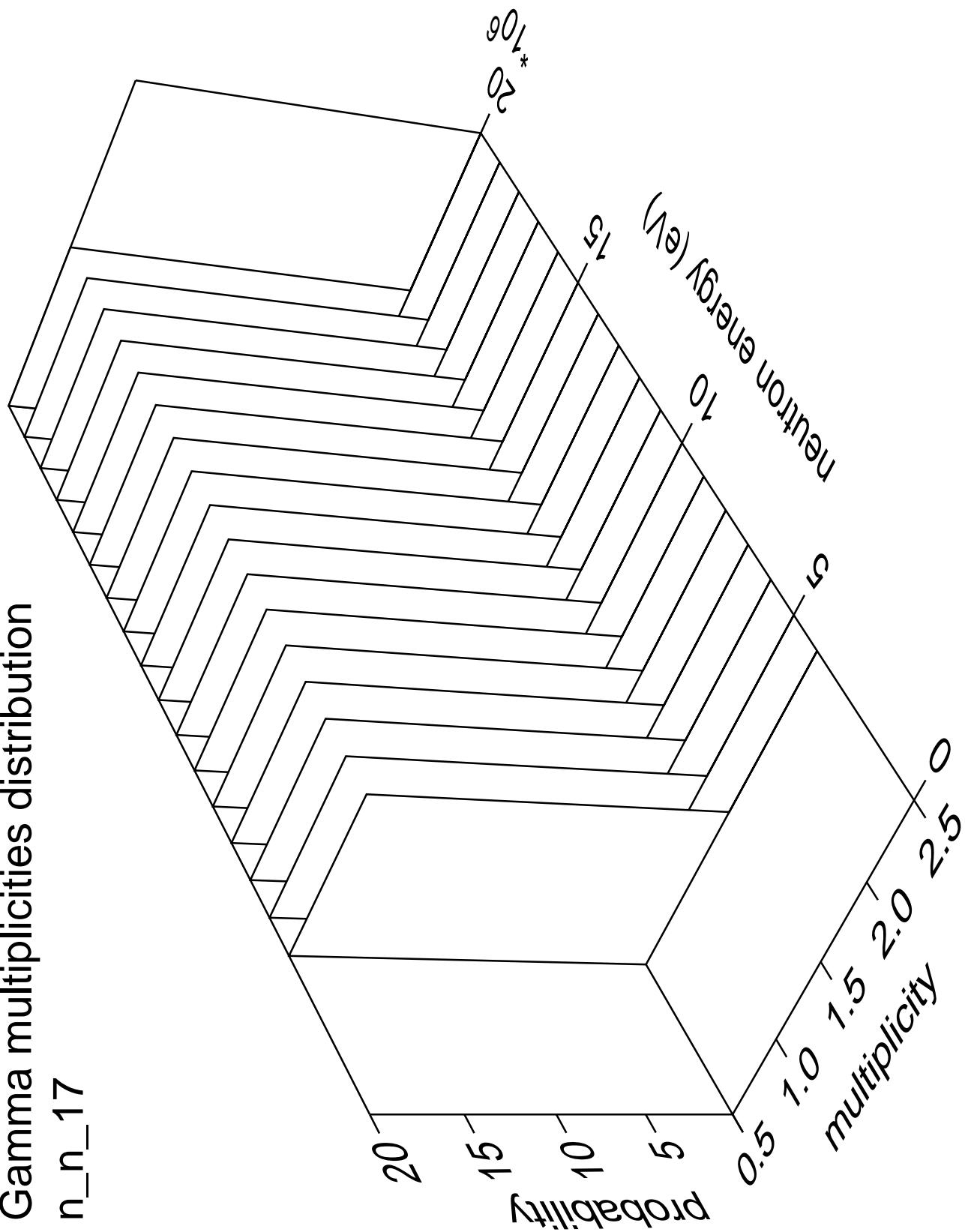


Gamma angles distribution

n_n_17

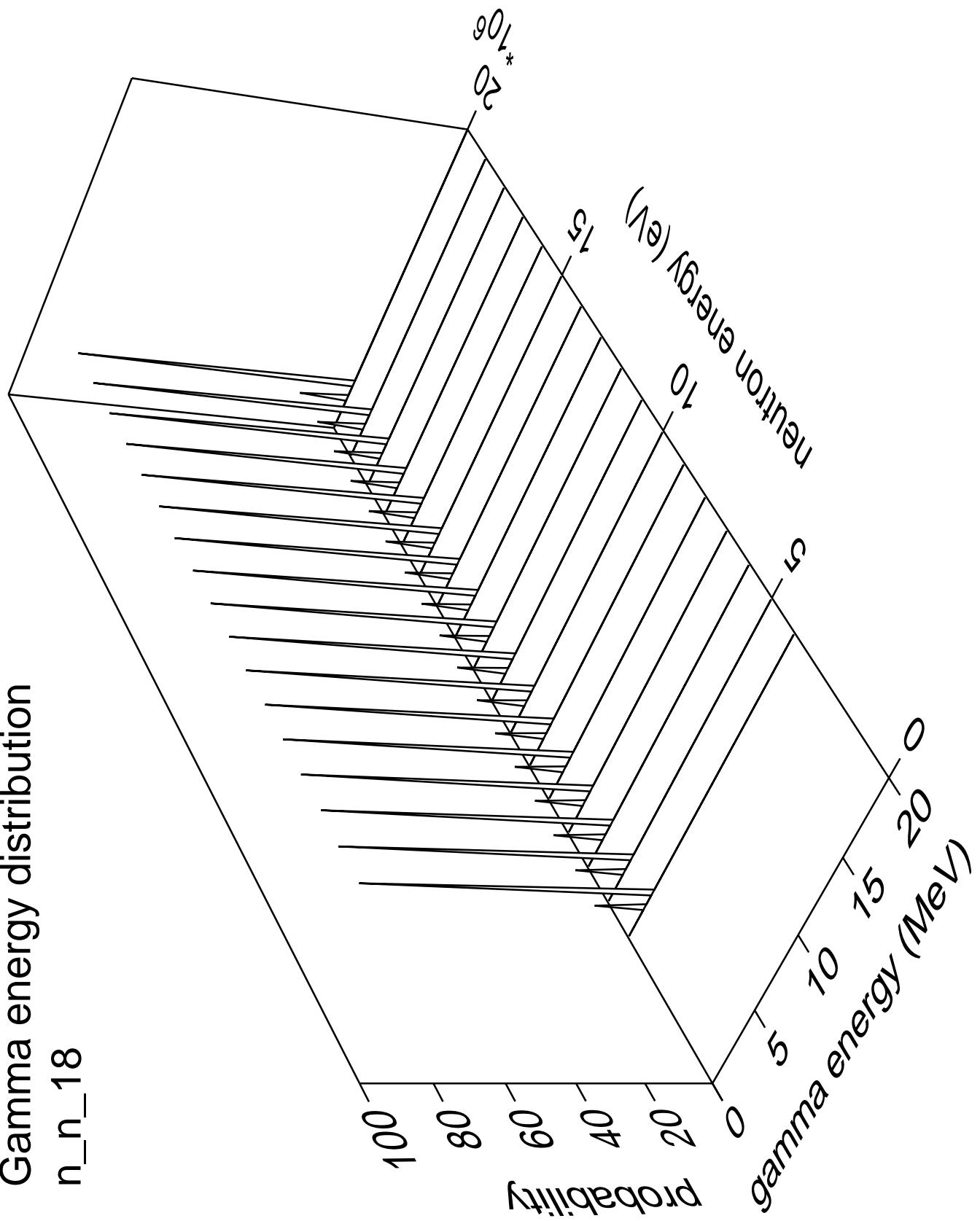


Gamma multiplicities distribution n_n_17



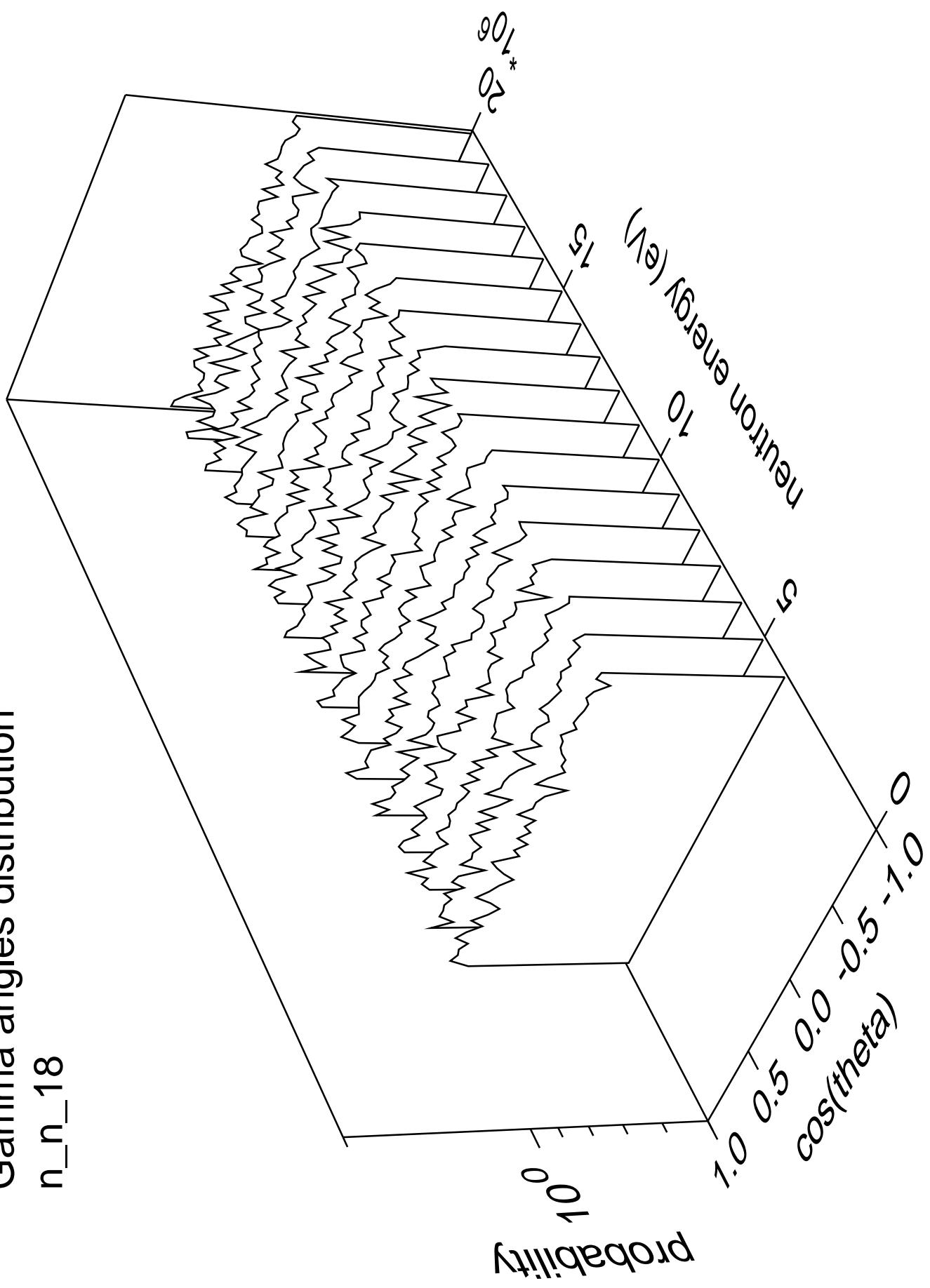
Gamma energy distribution

n_n_18

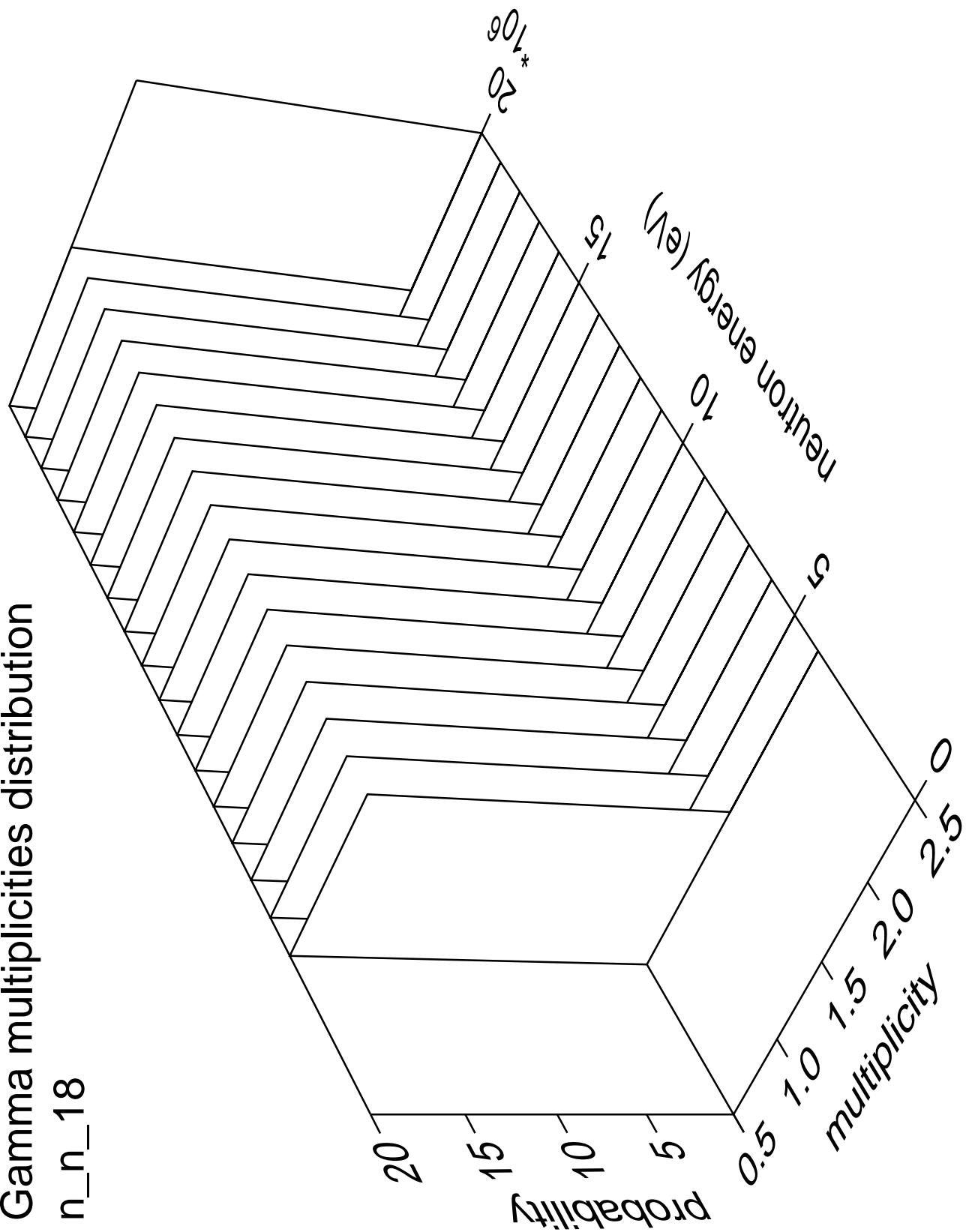


Gamma angles distribution

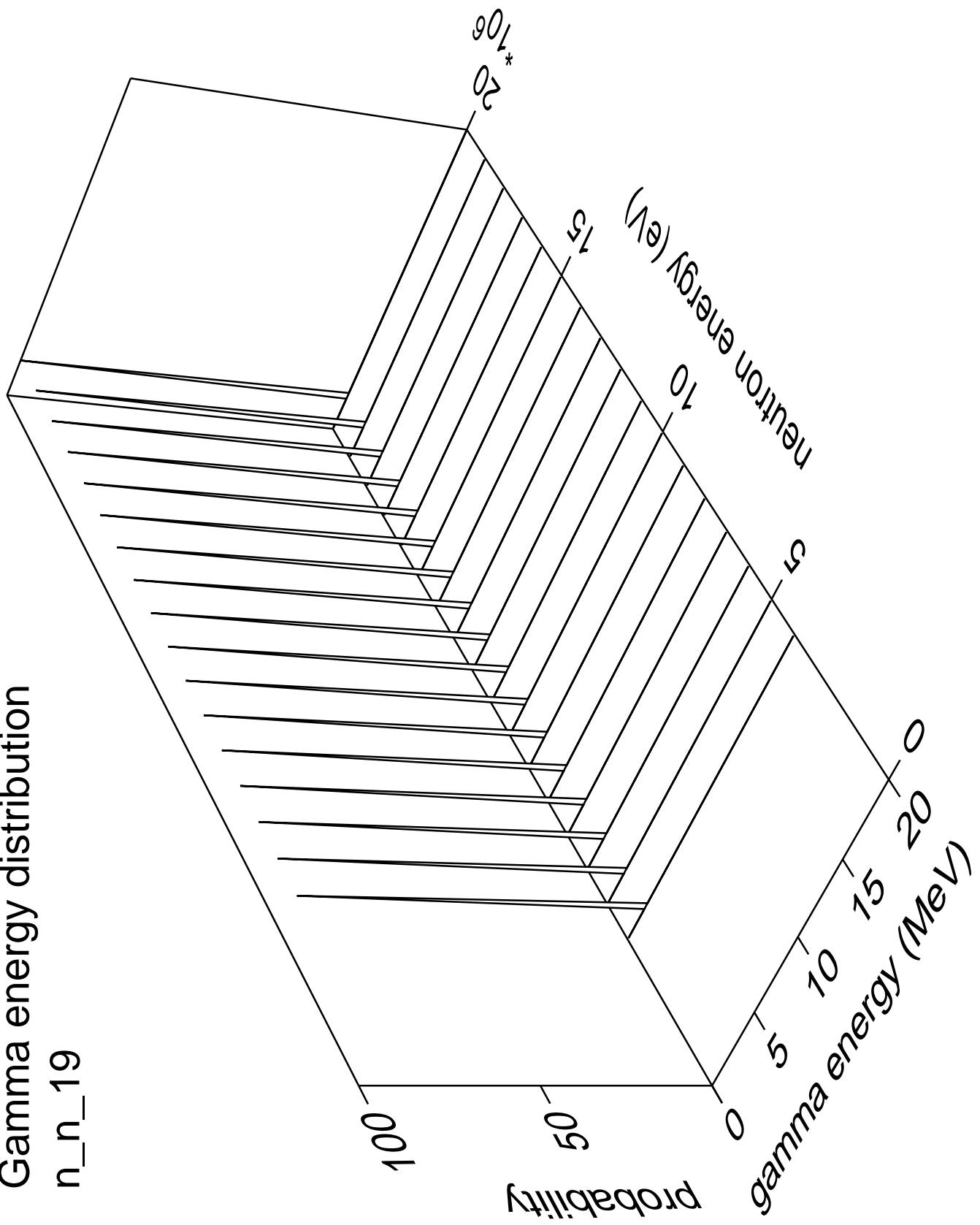
n_n_18



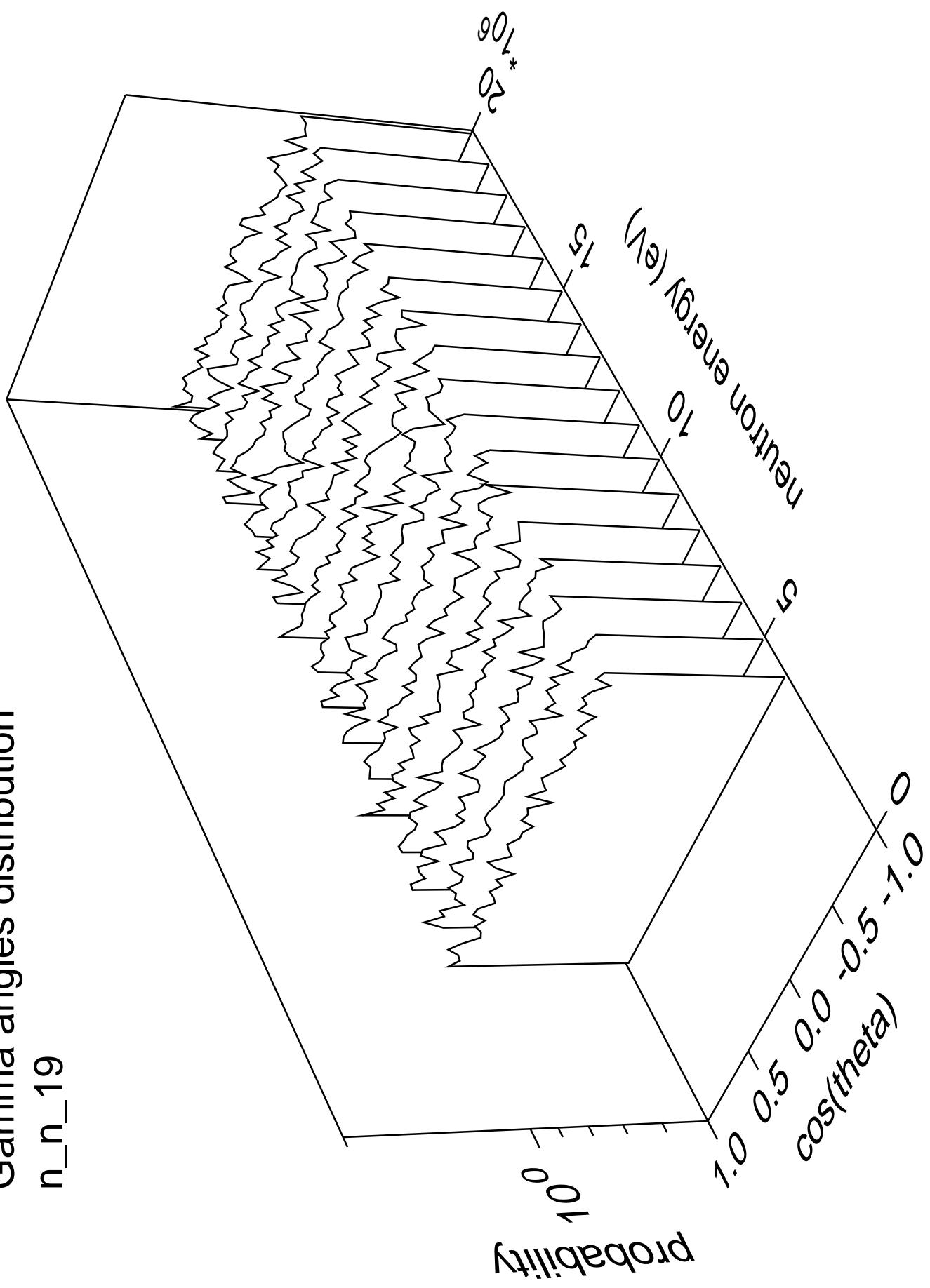
Gamma multiplicities distribution



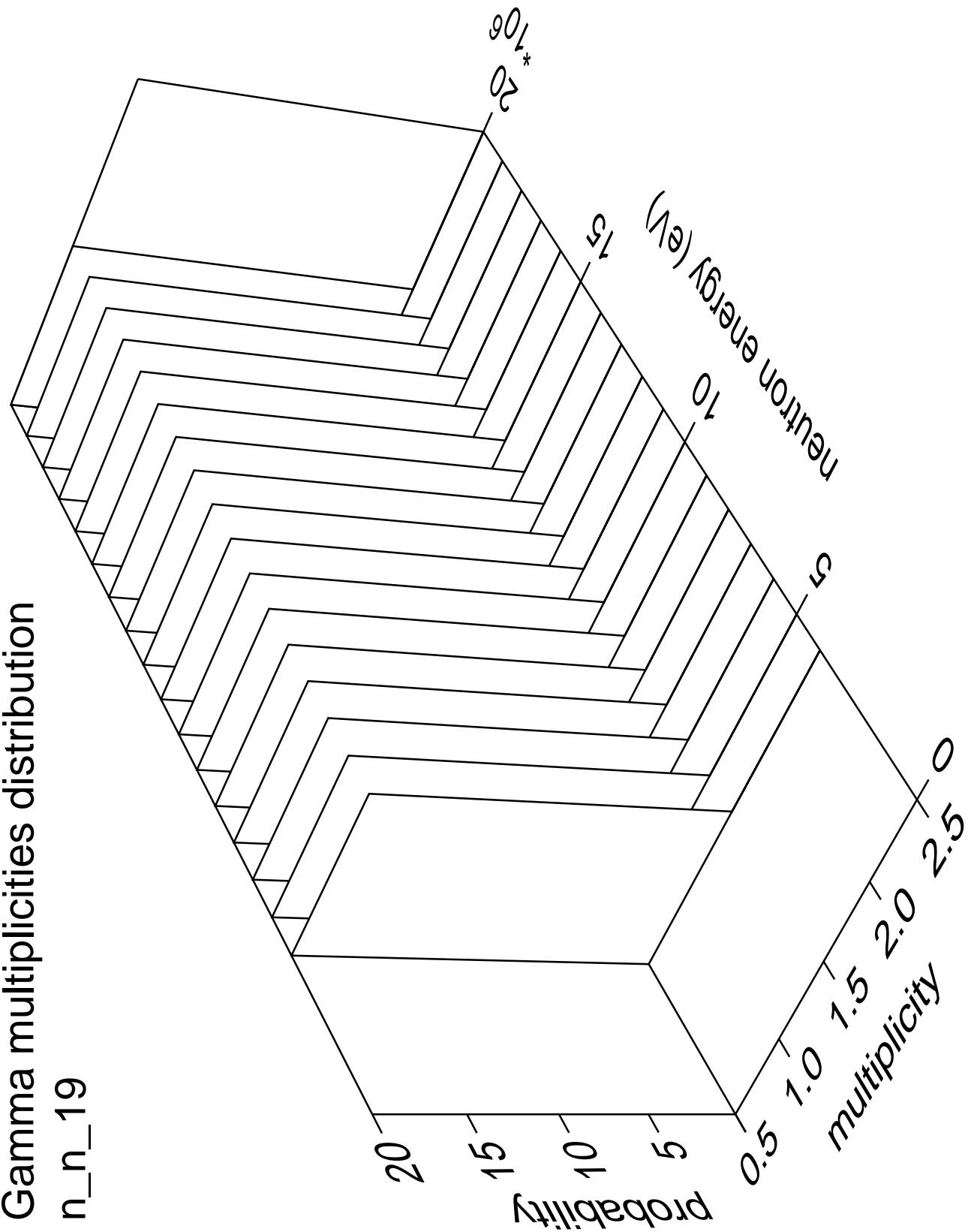
Gamma energy distribution
n_n_19



Gamma angles distribution

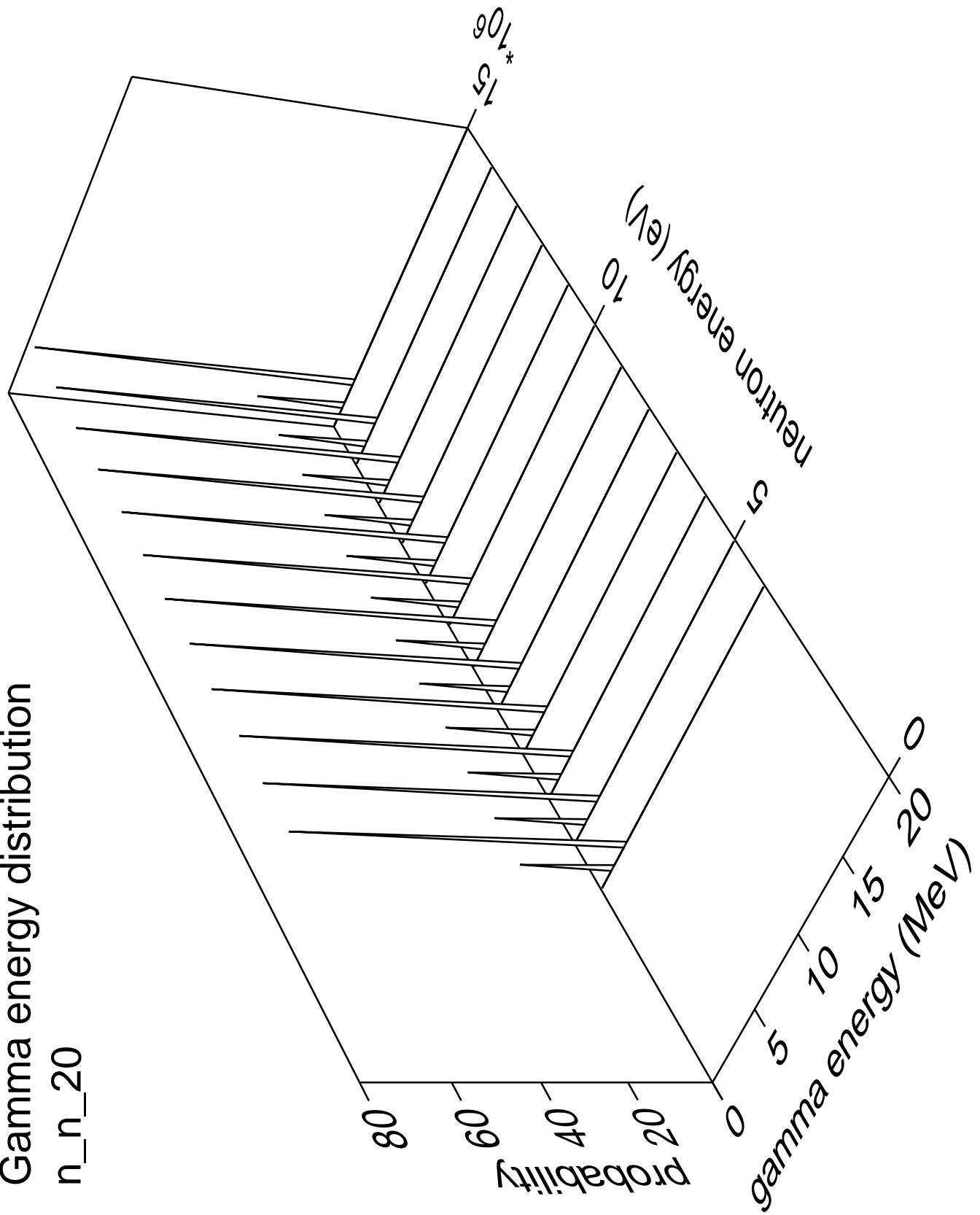


Gamma multiplicities distribution



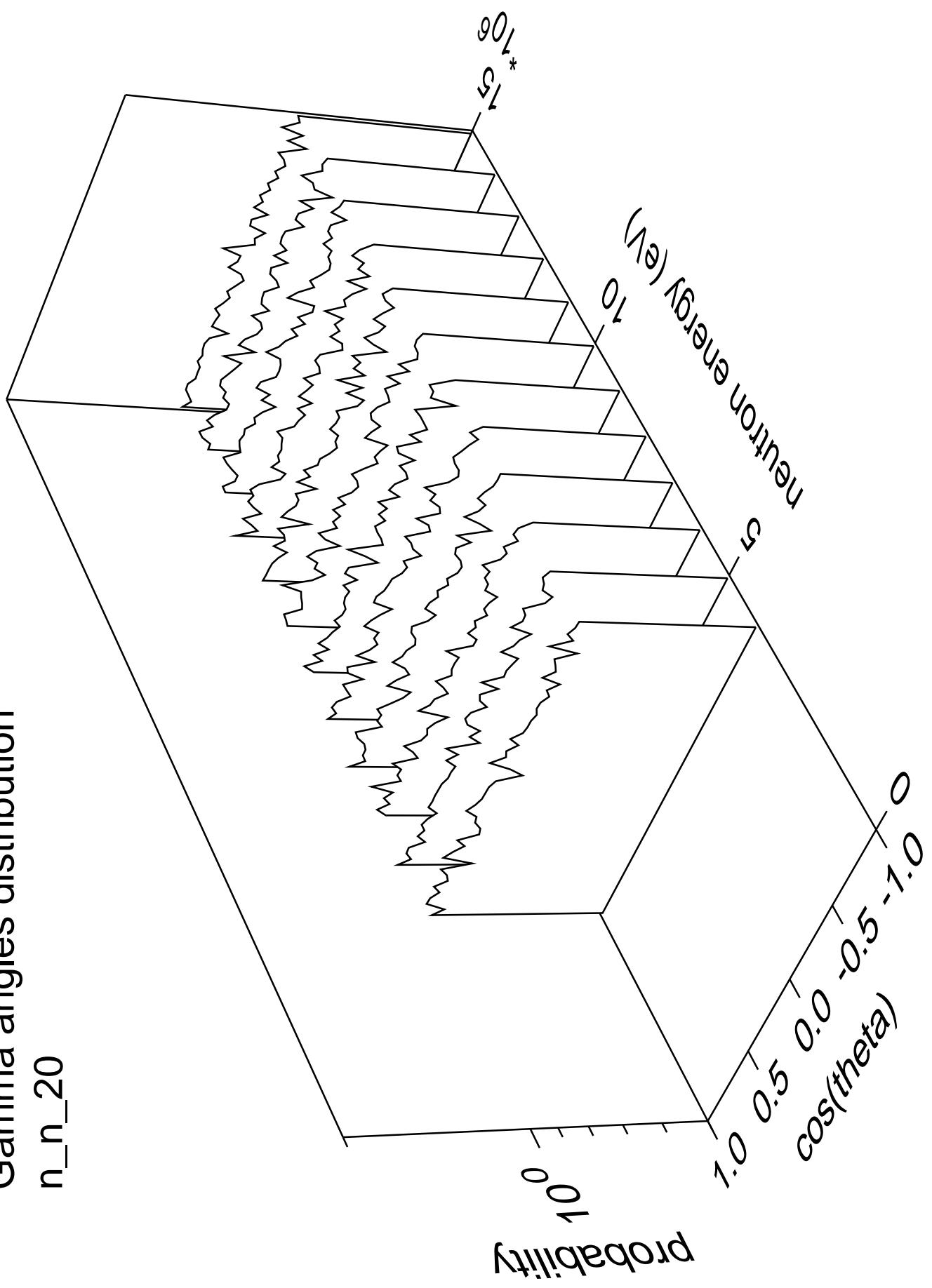
Gamma energy distribution

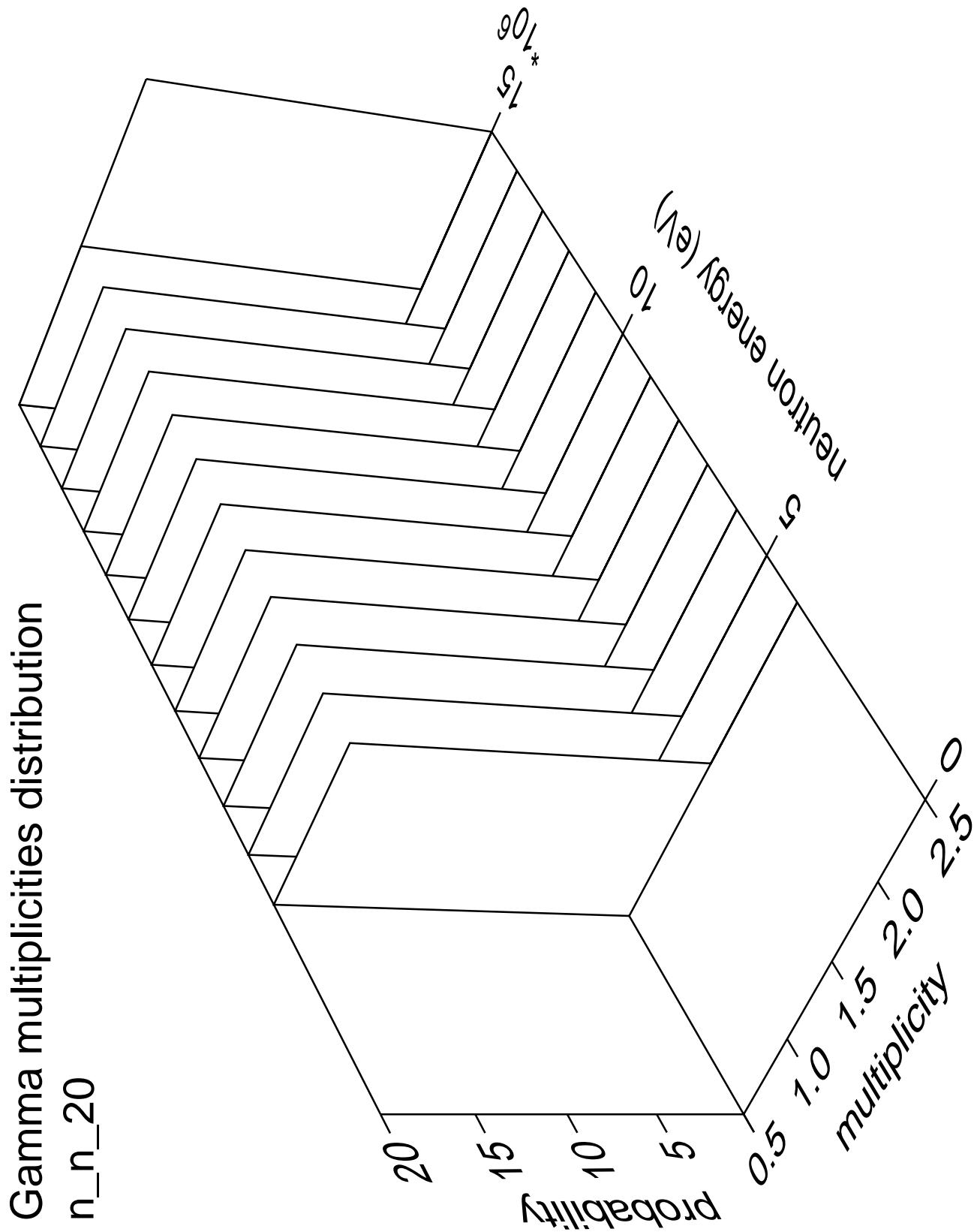
n_n_20



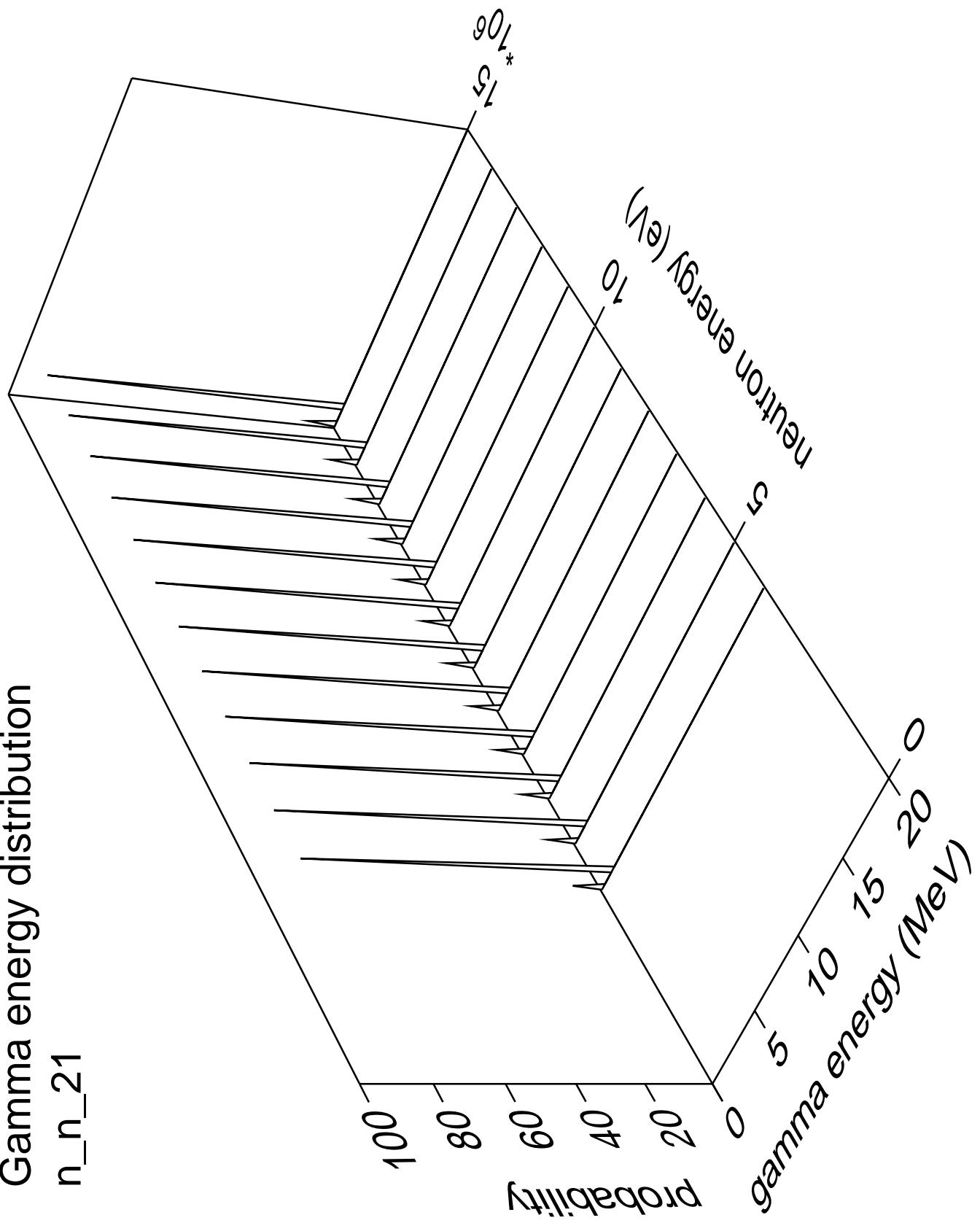
Gamma angles distribution

n_n_20



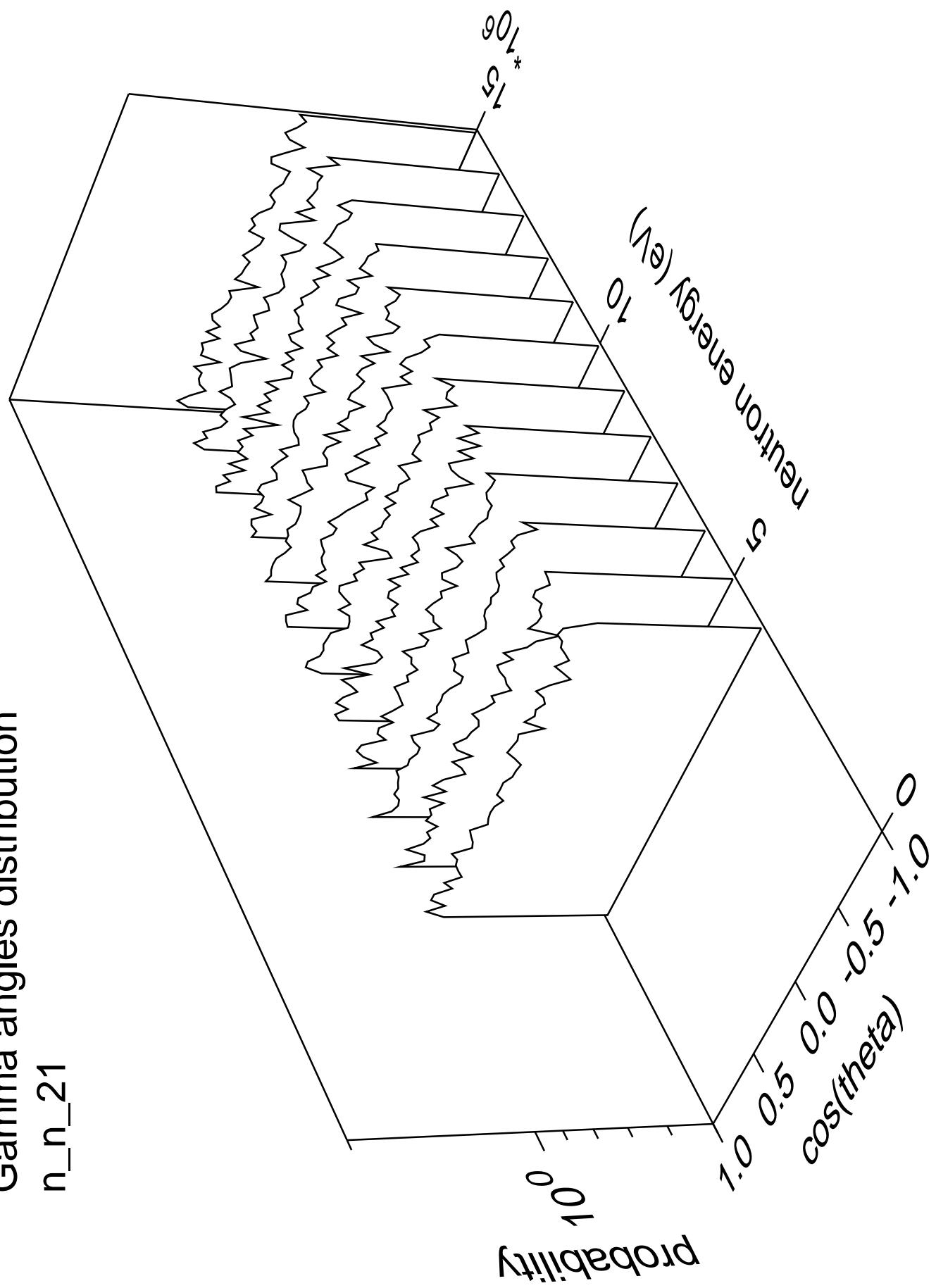


Gamma energy distribution

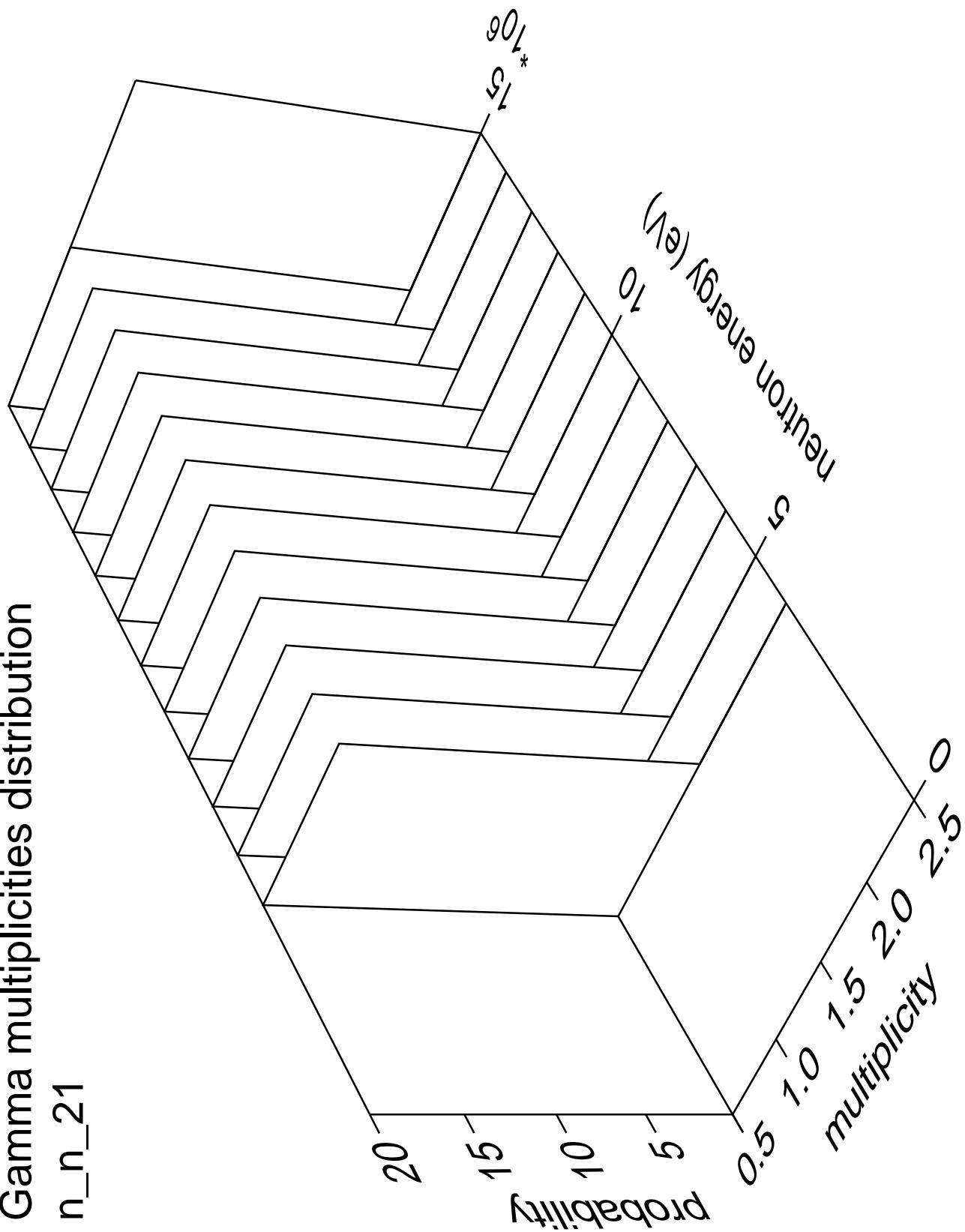


Gamma angles distribution

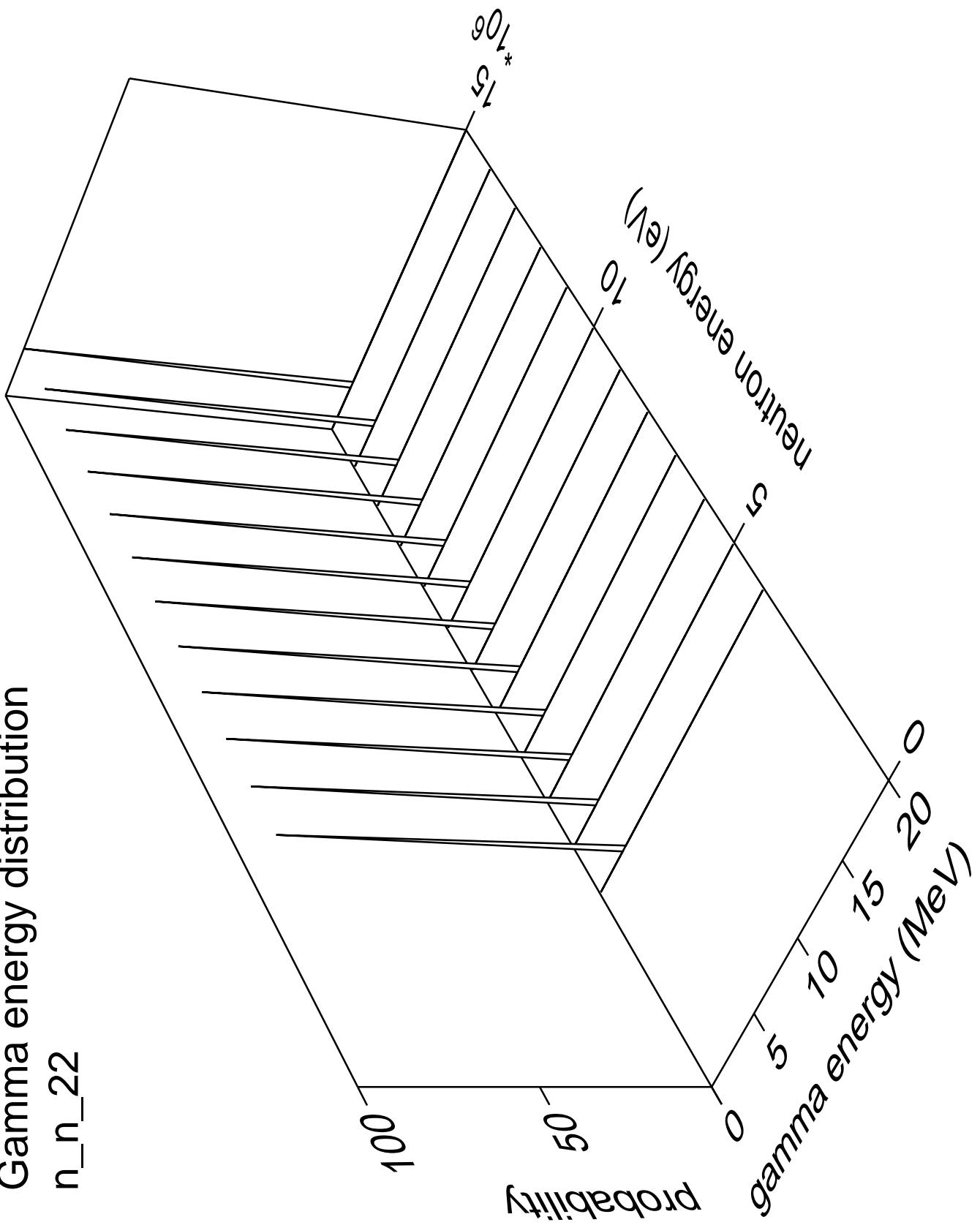
n_n_21



Gamma multiplicities distribution

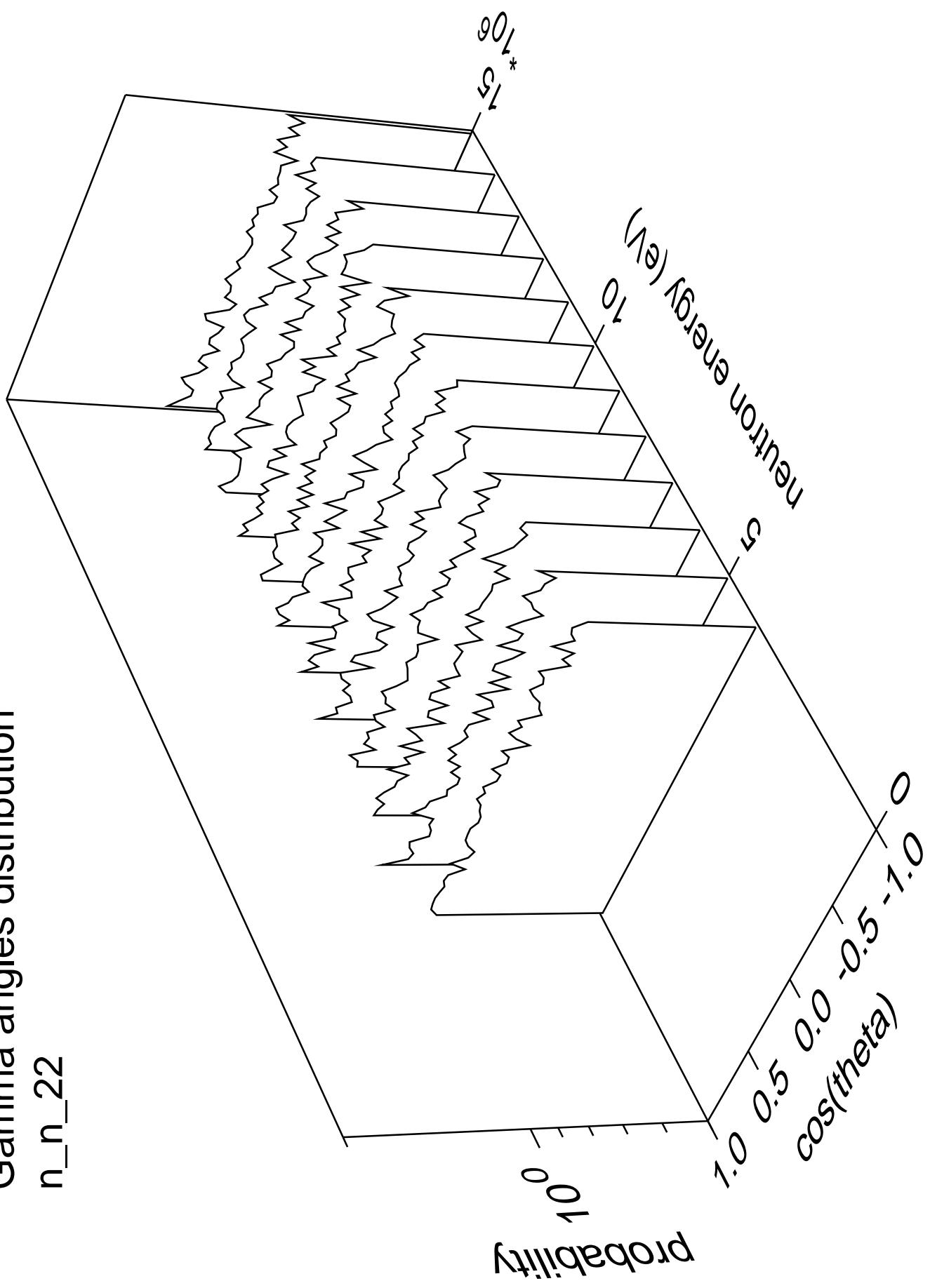


Gamma energy distribution n_n_22



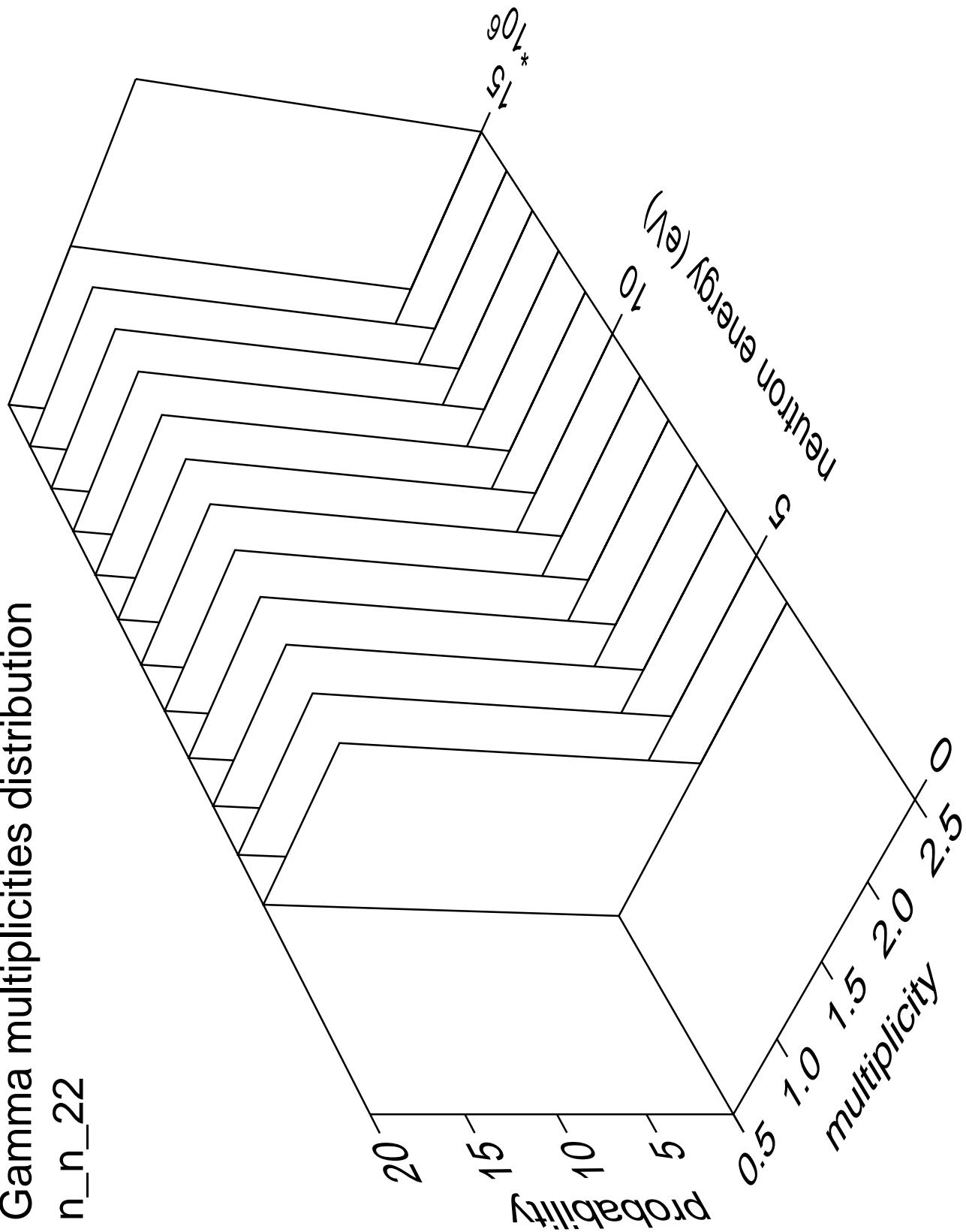
Gamma angles distribution

n_n_22

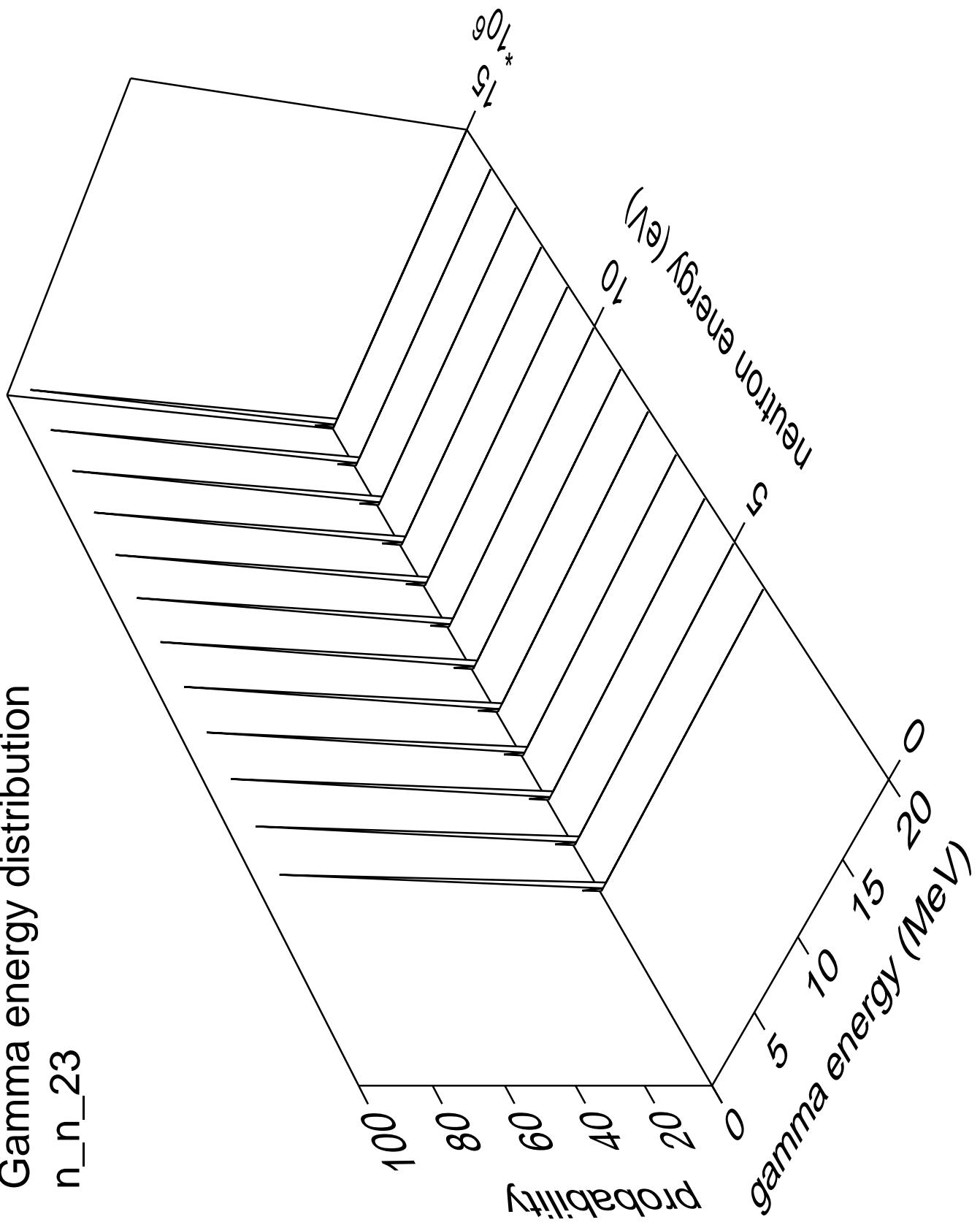


Gamma multiplicities distribution

n_n_22

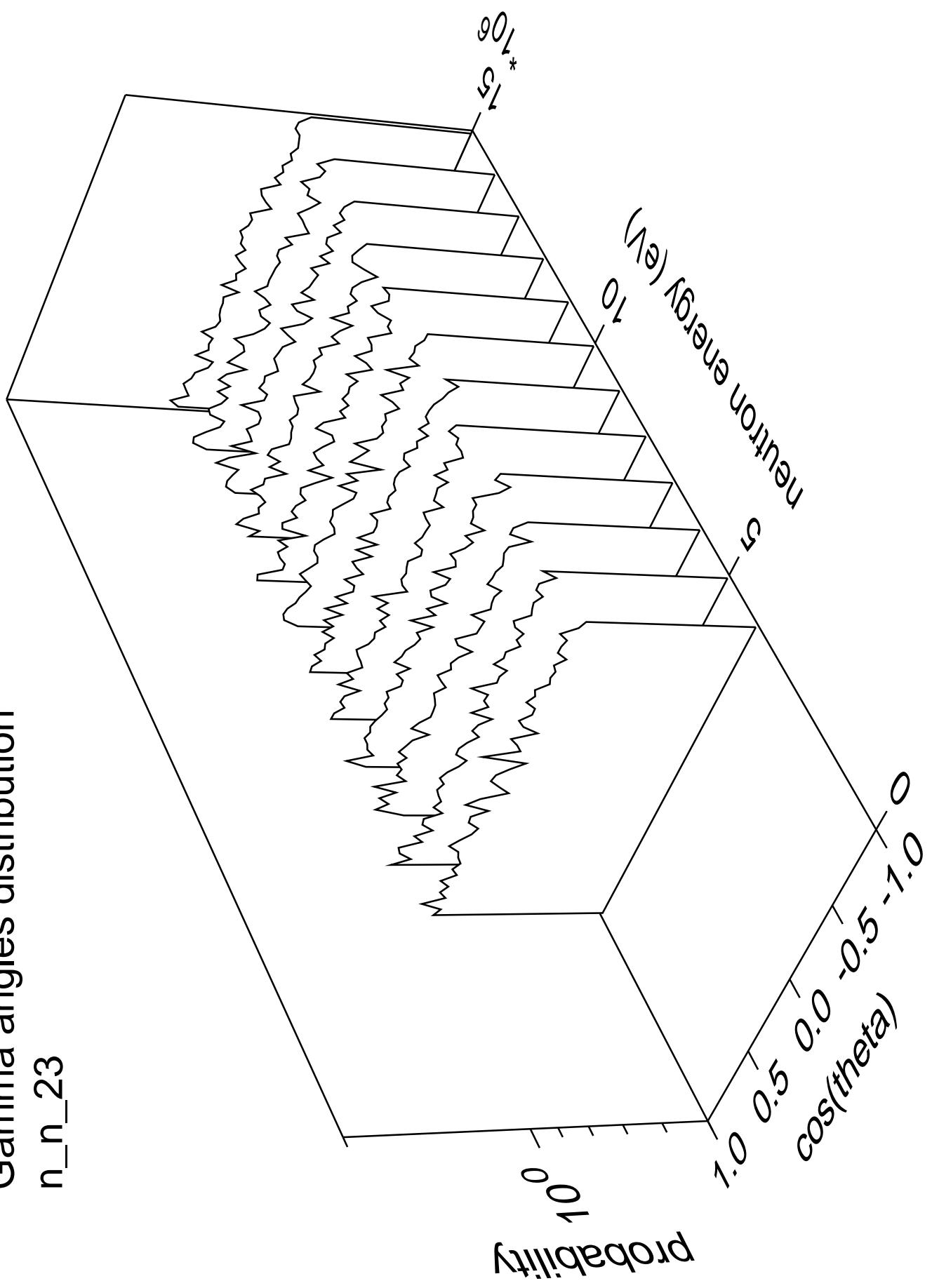


Gamma energy distribution n_n_{23}



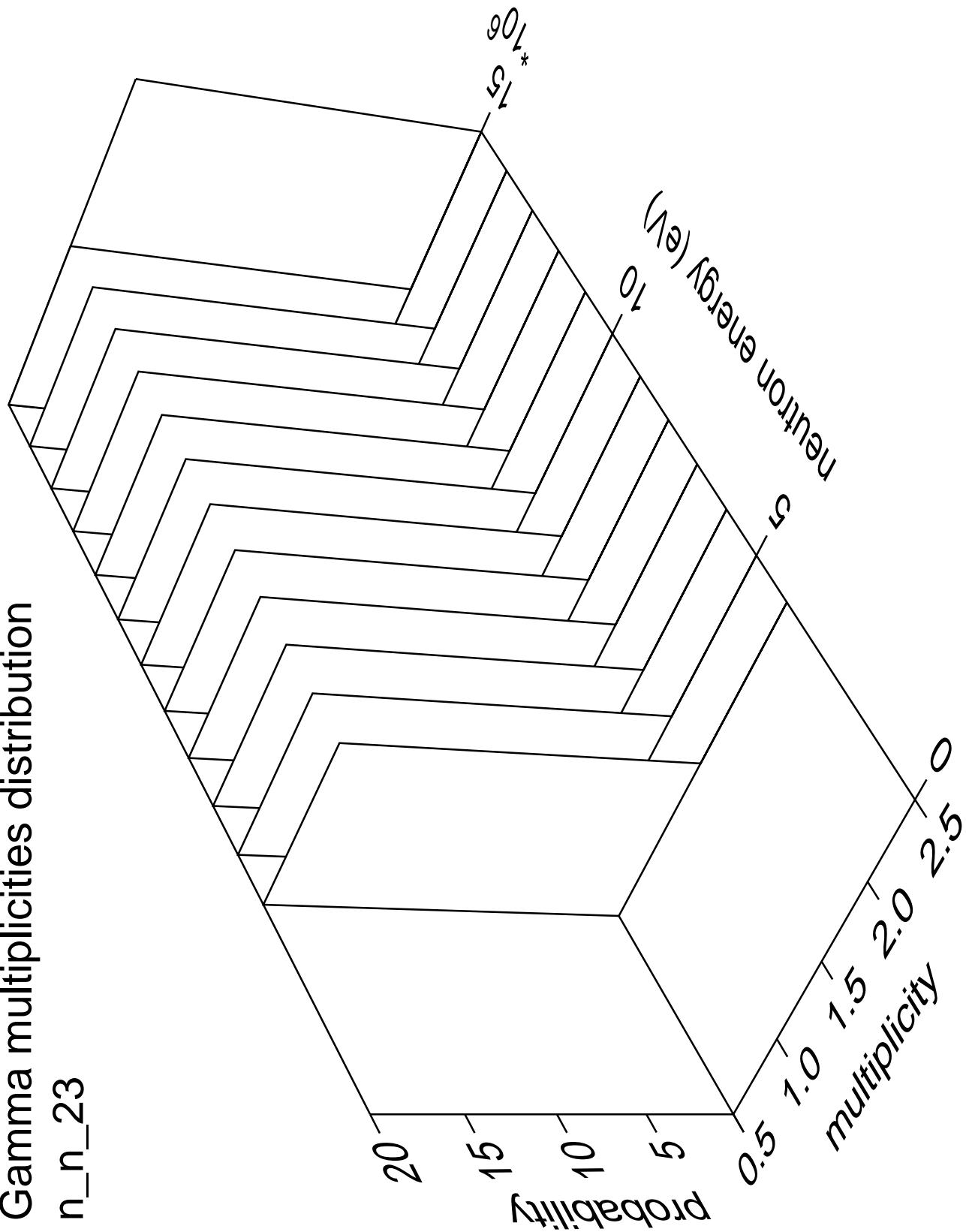
Gamma angles distribution

n_n_23

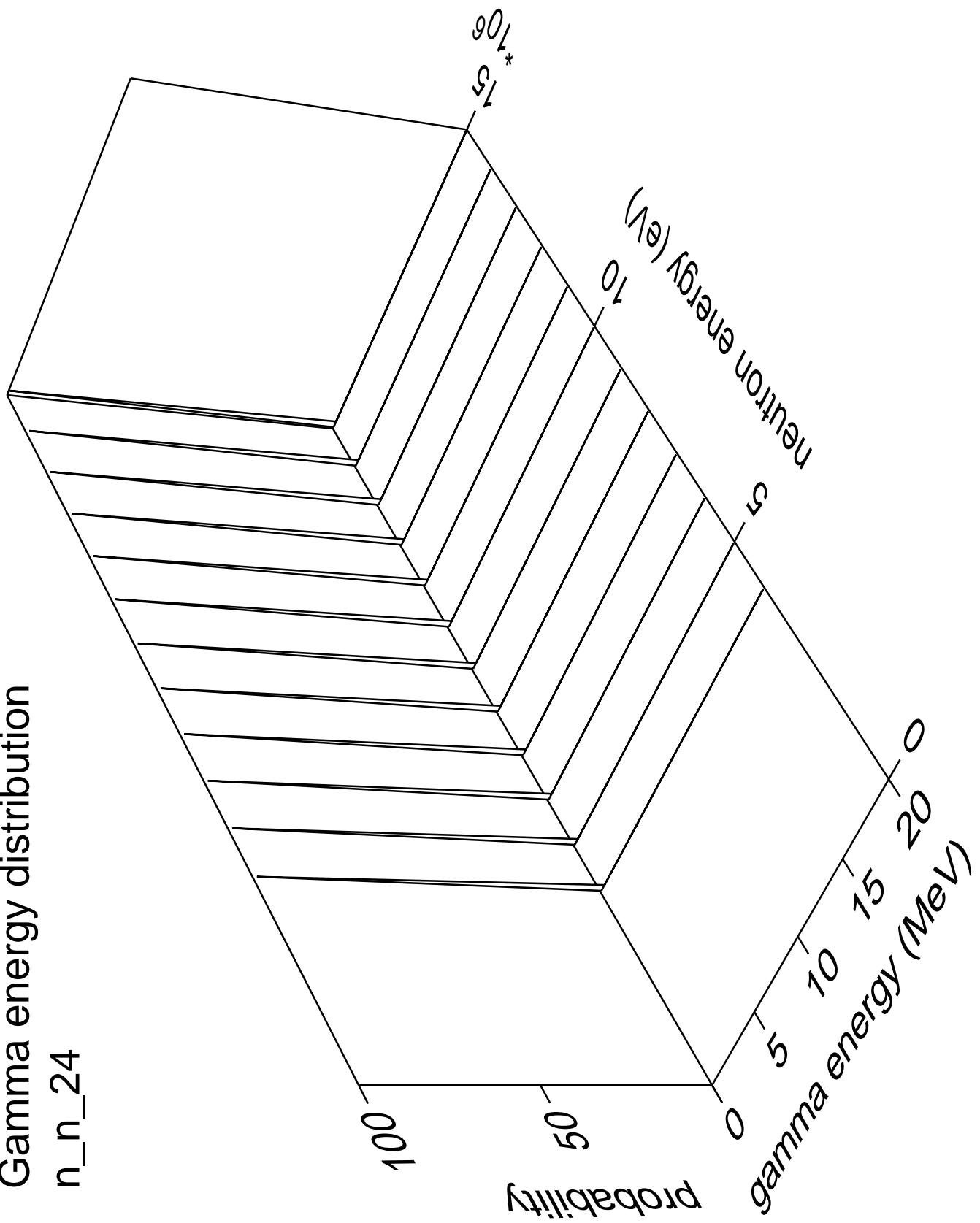


Gamma multiplicities distribution

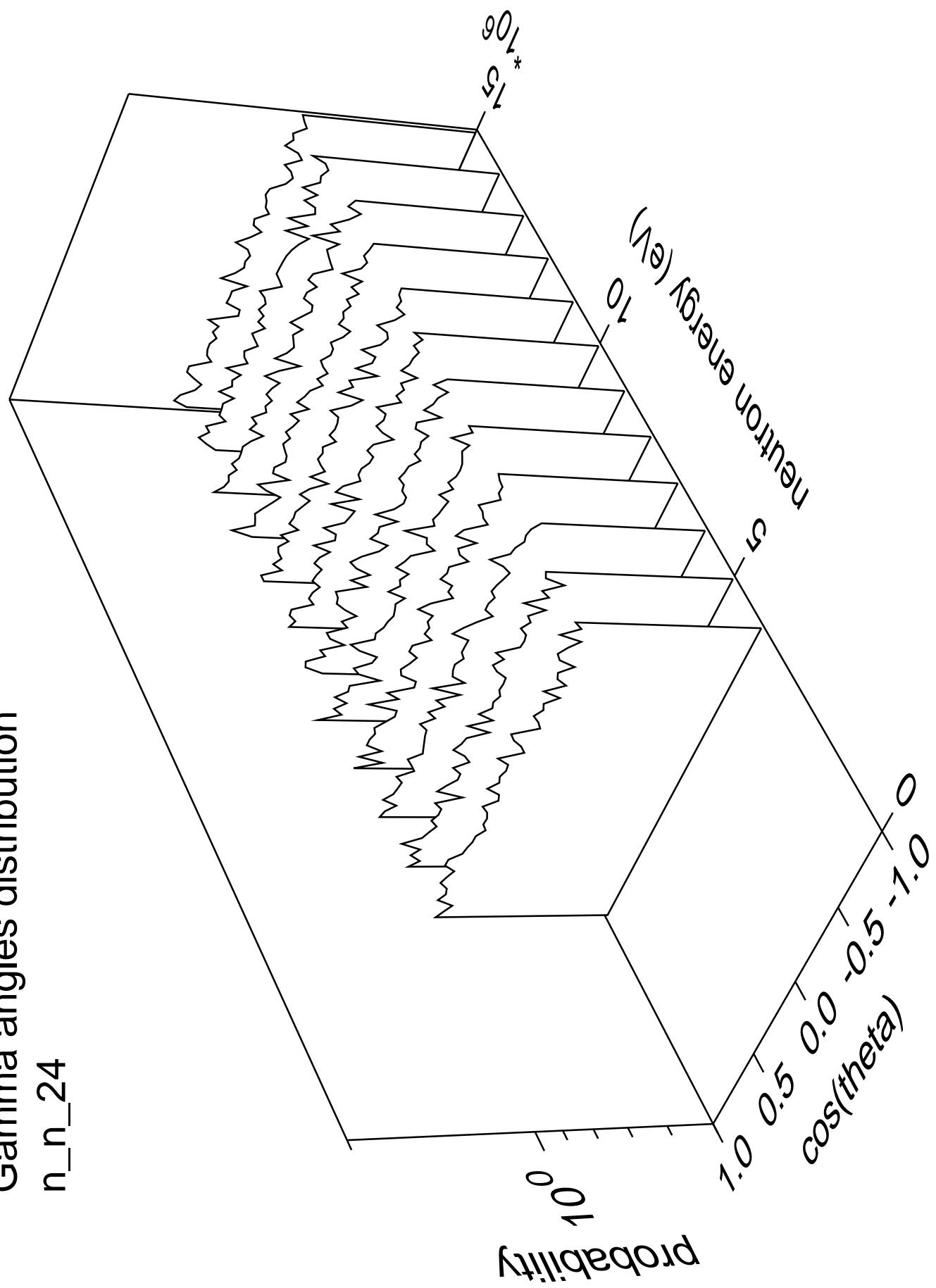
n_n_{23}



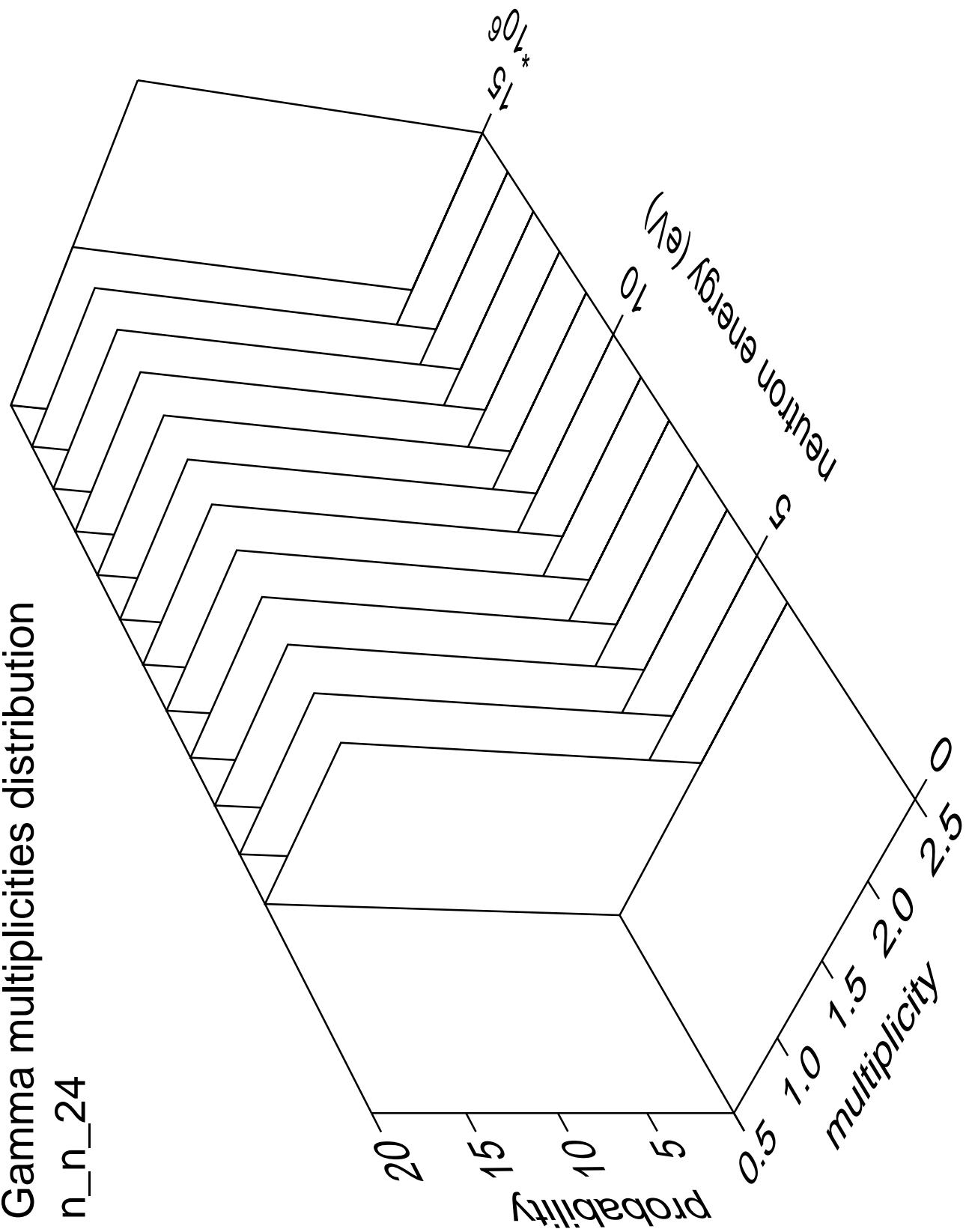
Gamma energy distribution n_n_24



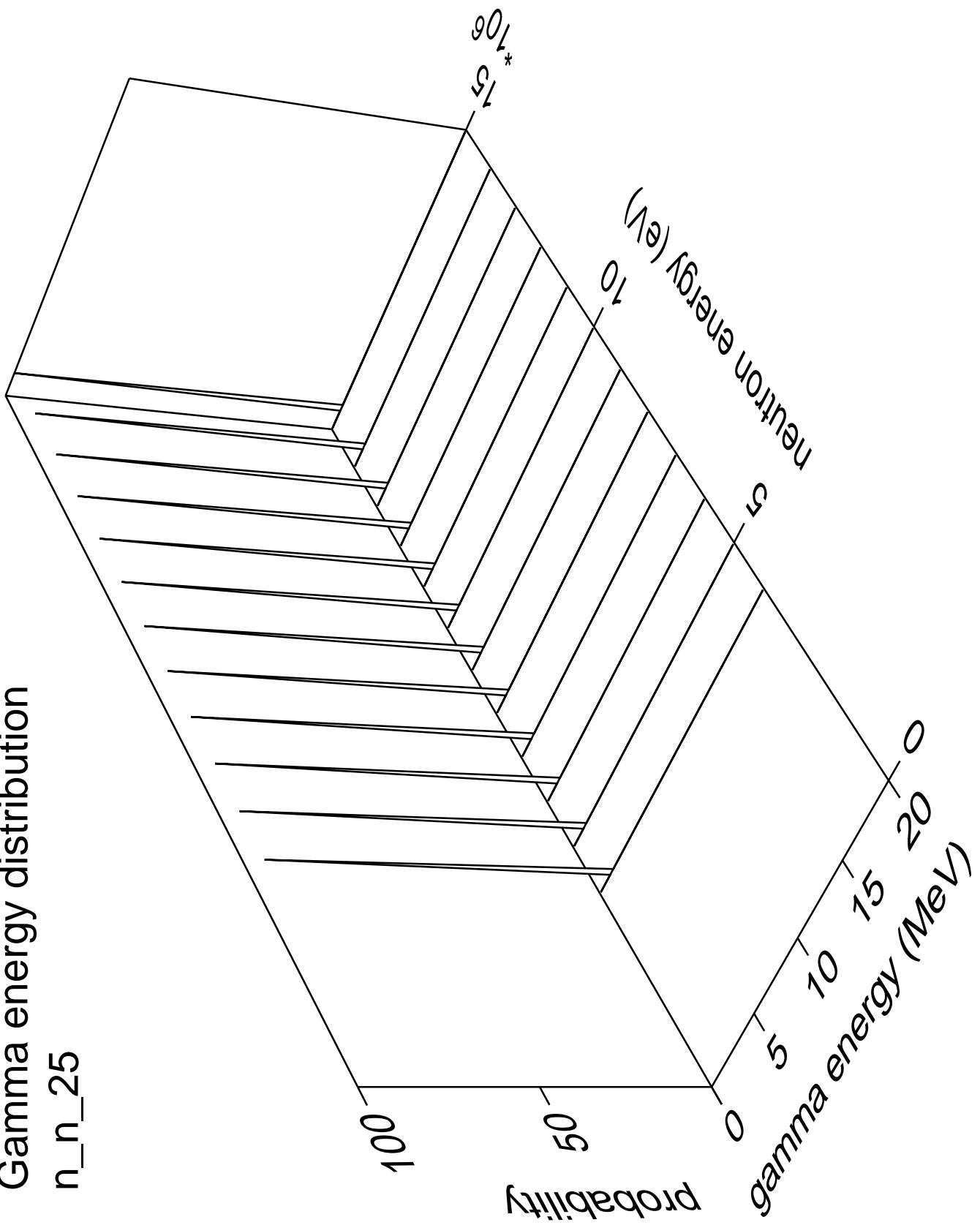
Gamma angles distribution n_n_24



Gamma multiplicities distribution

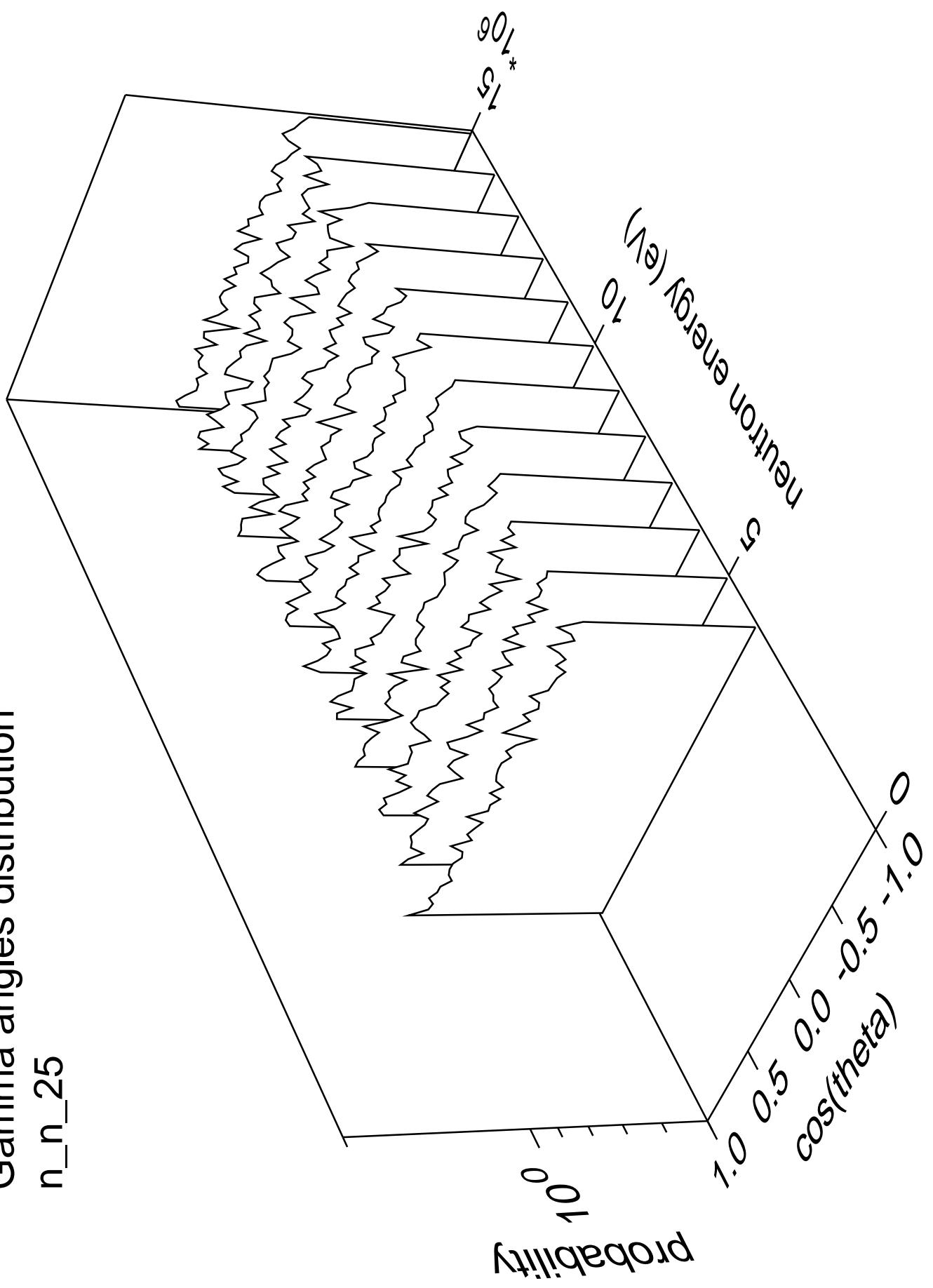


Gamma energy distribution n_n_{25}

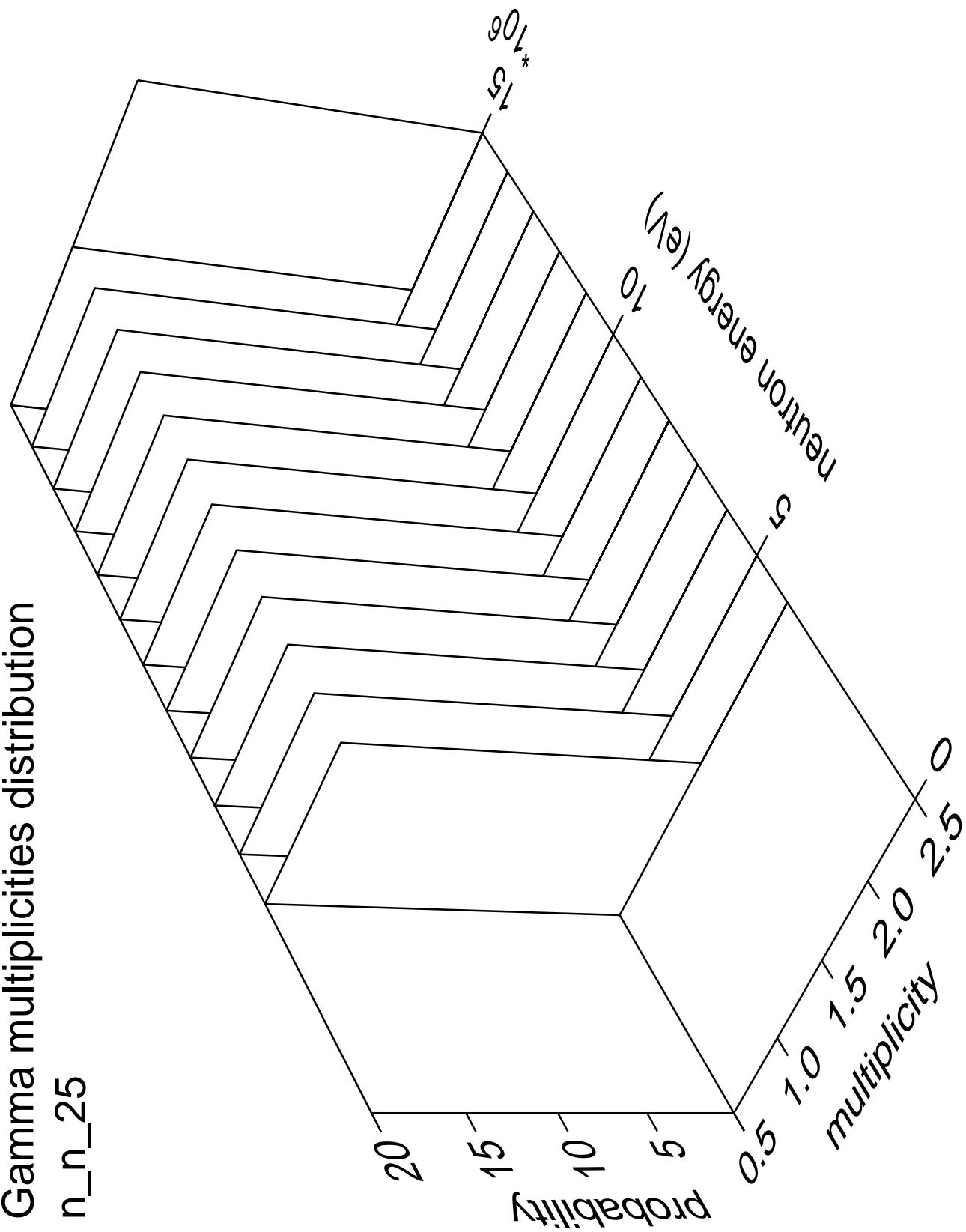


Gamma angles distribution

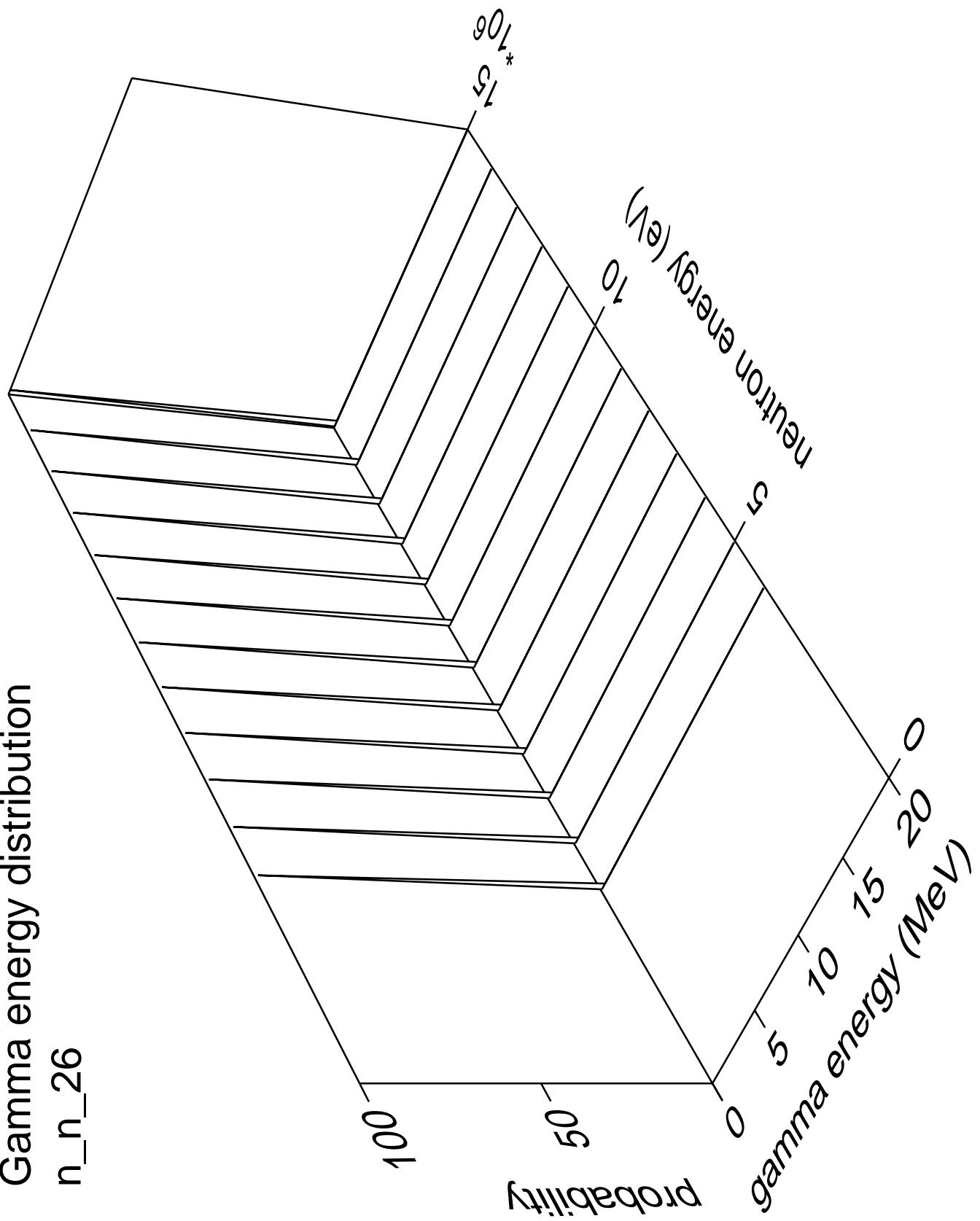
n_n_25



Gamma multiplicities distribution

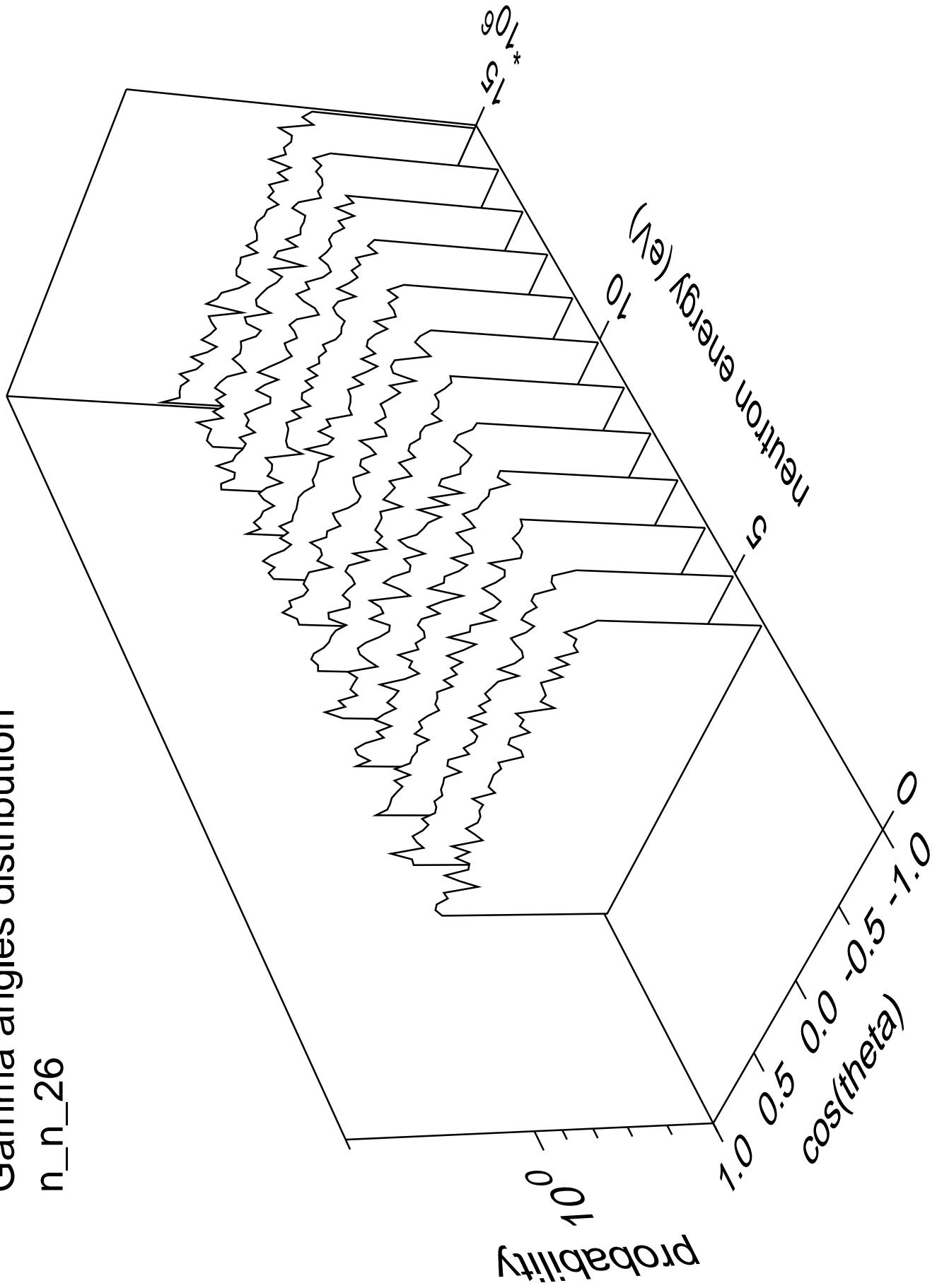


Gamma energy distribution n_n_26



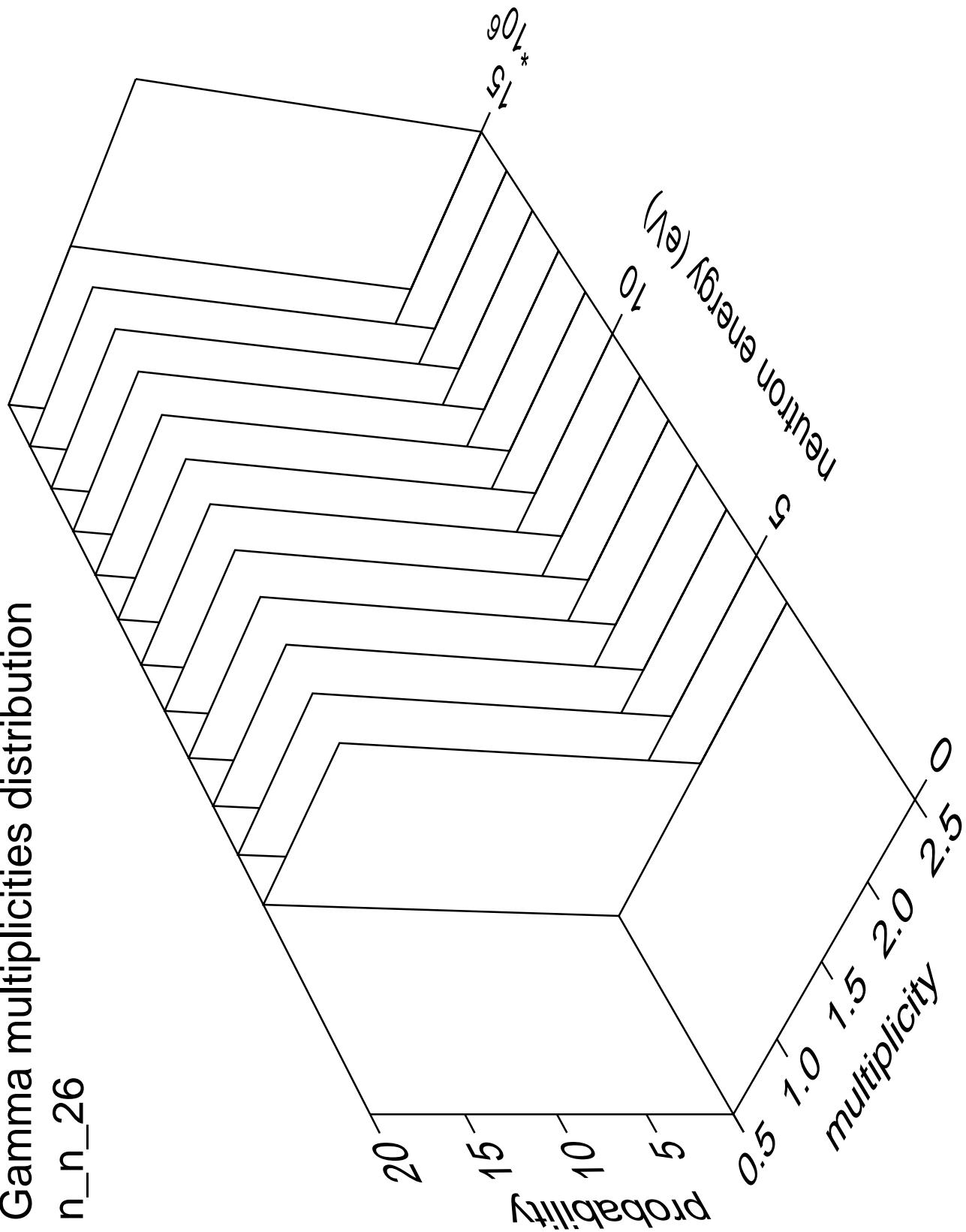
Gamma angles distribution

n_n_26

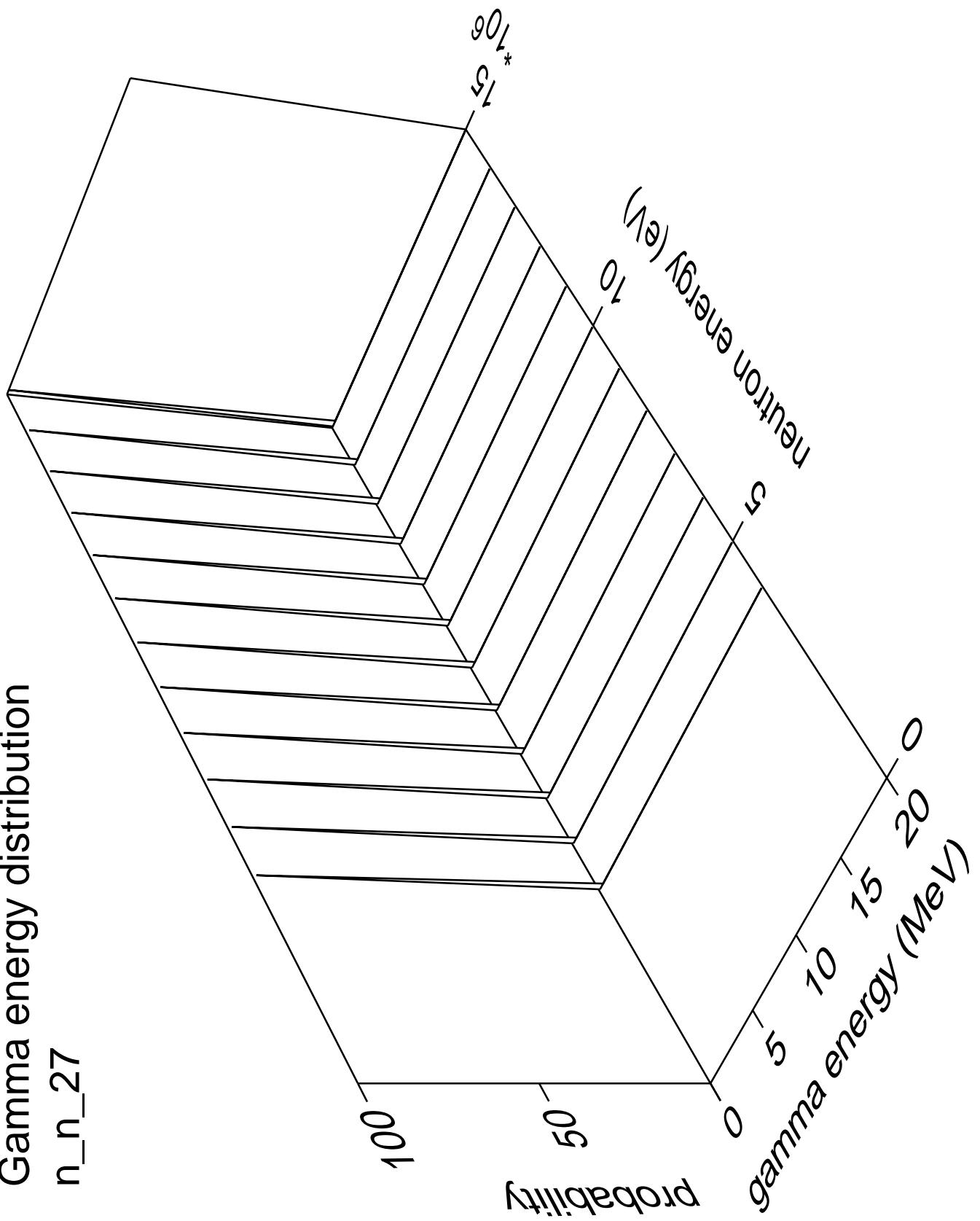


Gamma multiplicities distribution

n_n_26

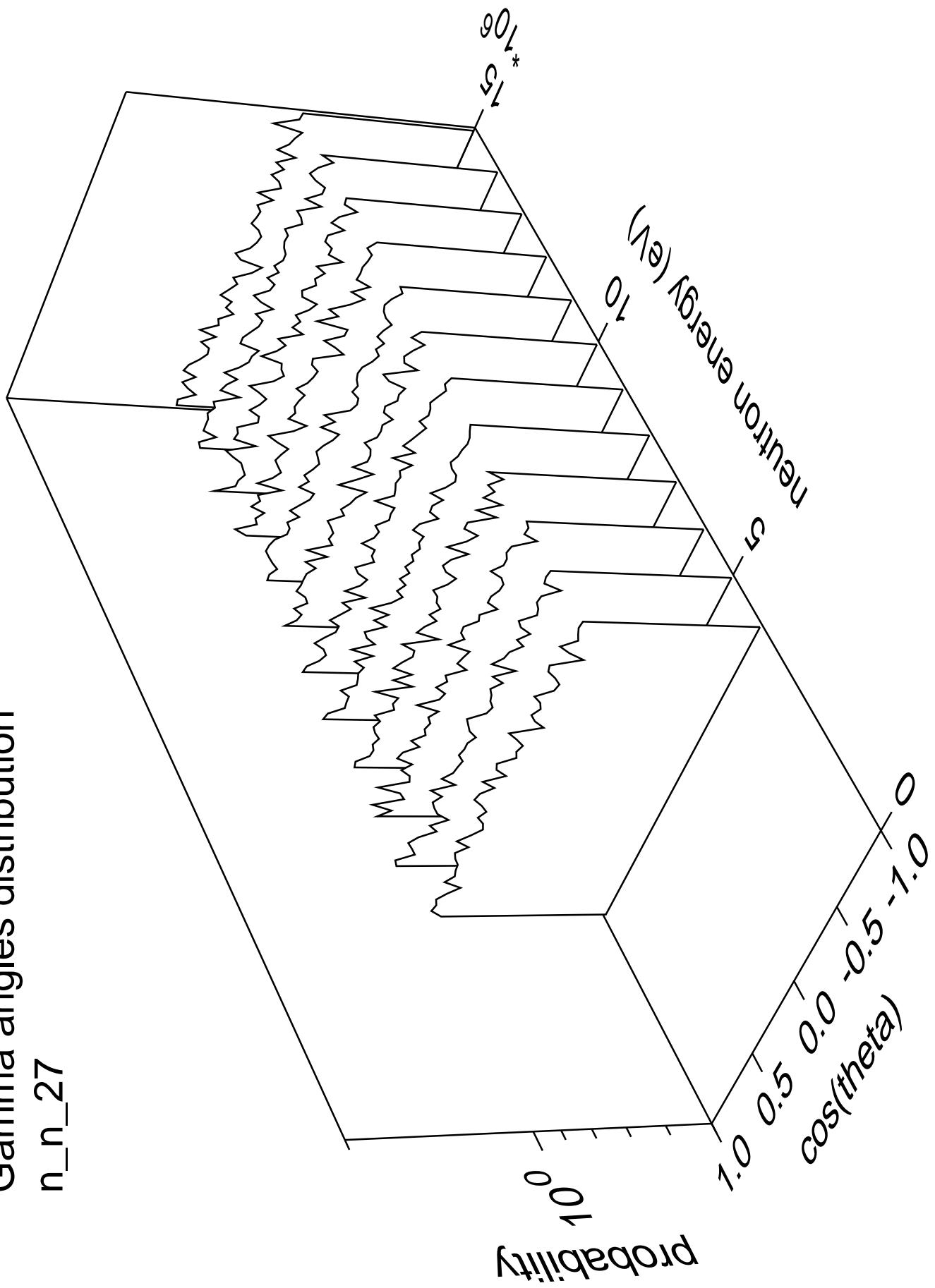


Gamma energy distribution n_n_27



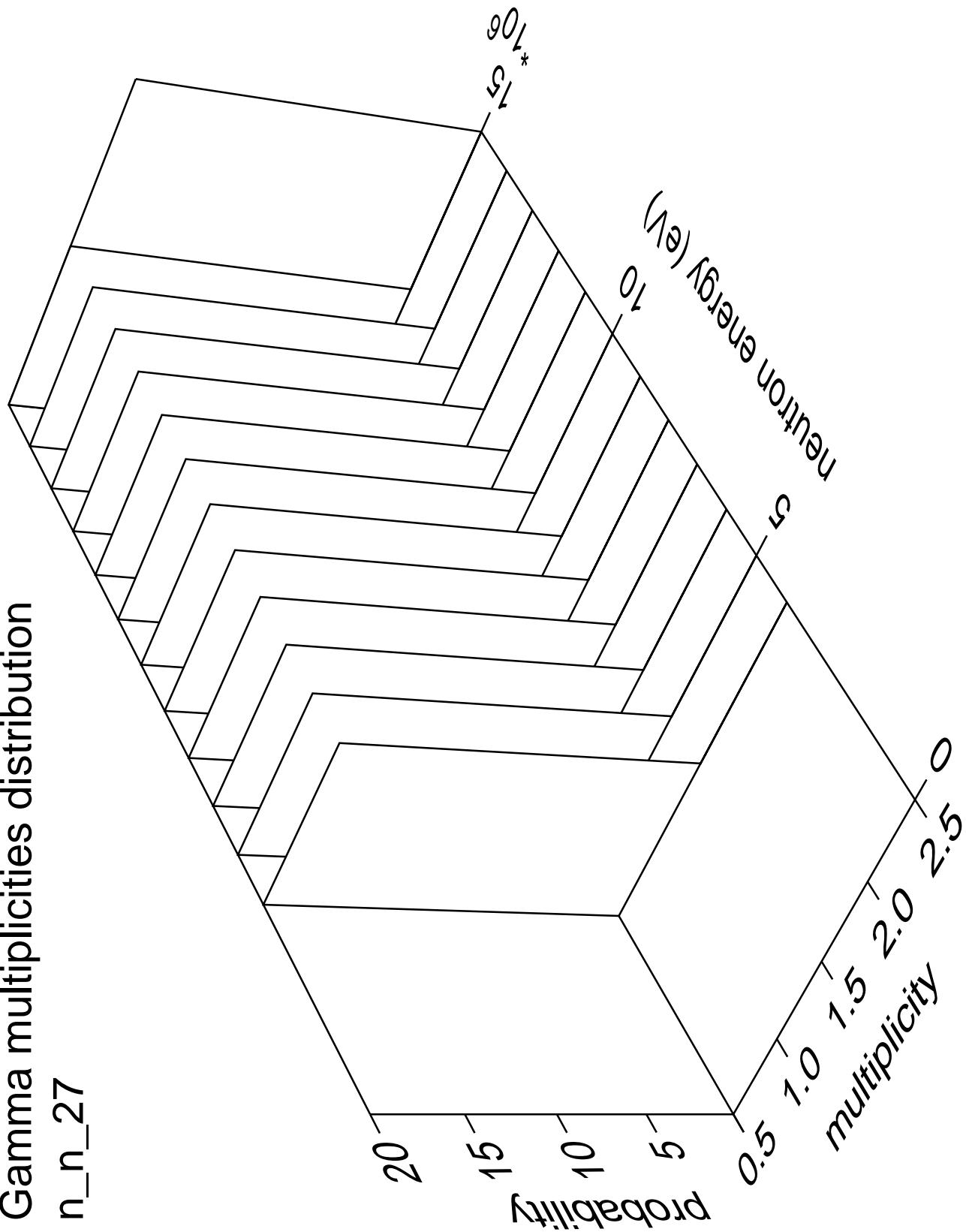
Gamma angles distribution

n_n_27

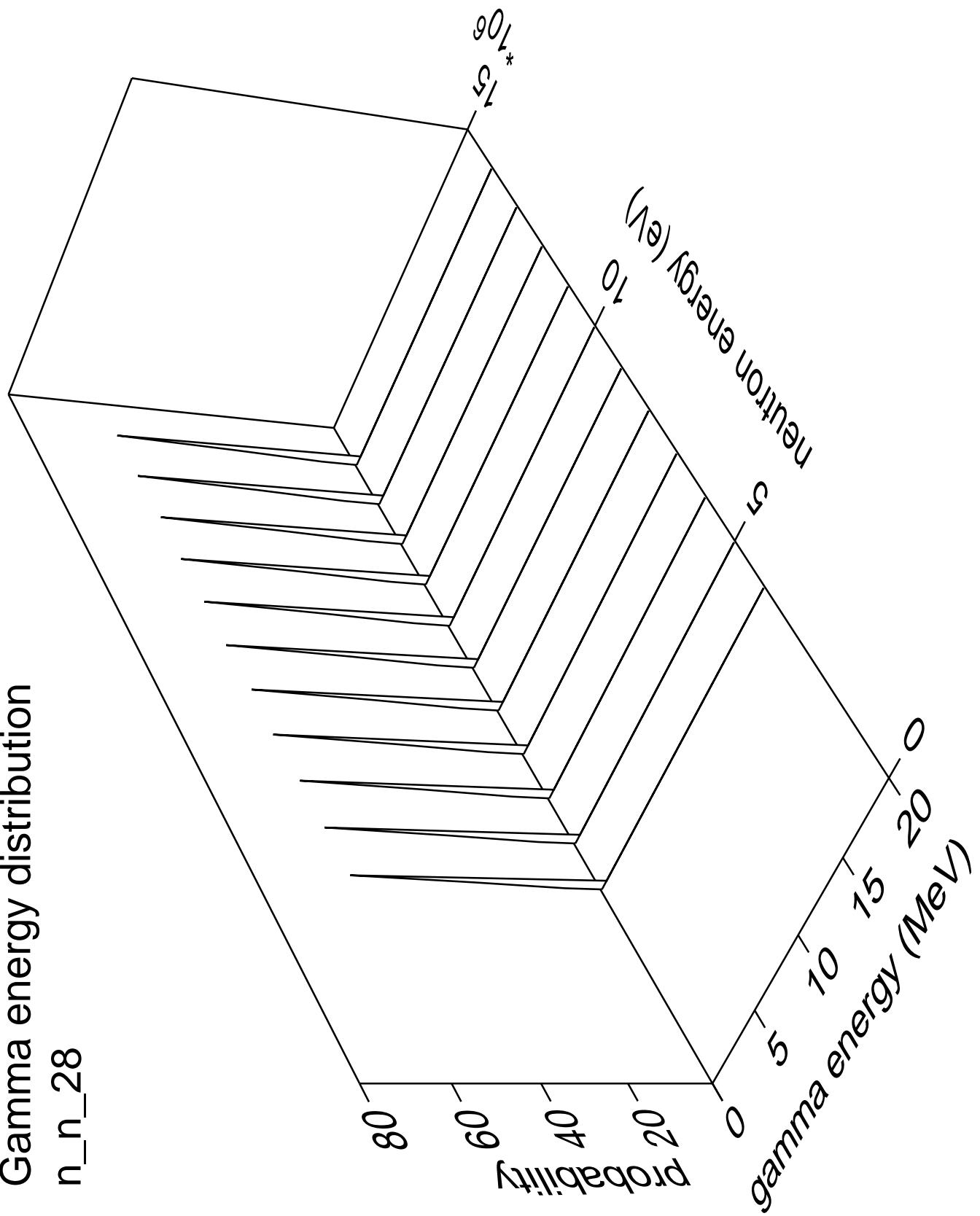


Gamma multiplicities distribution

n_n_27

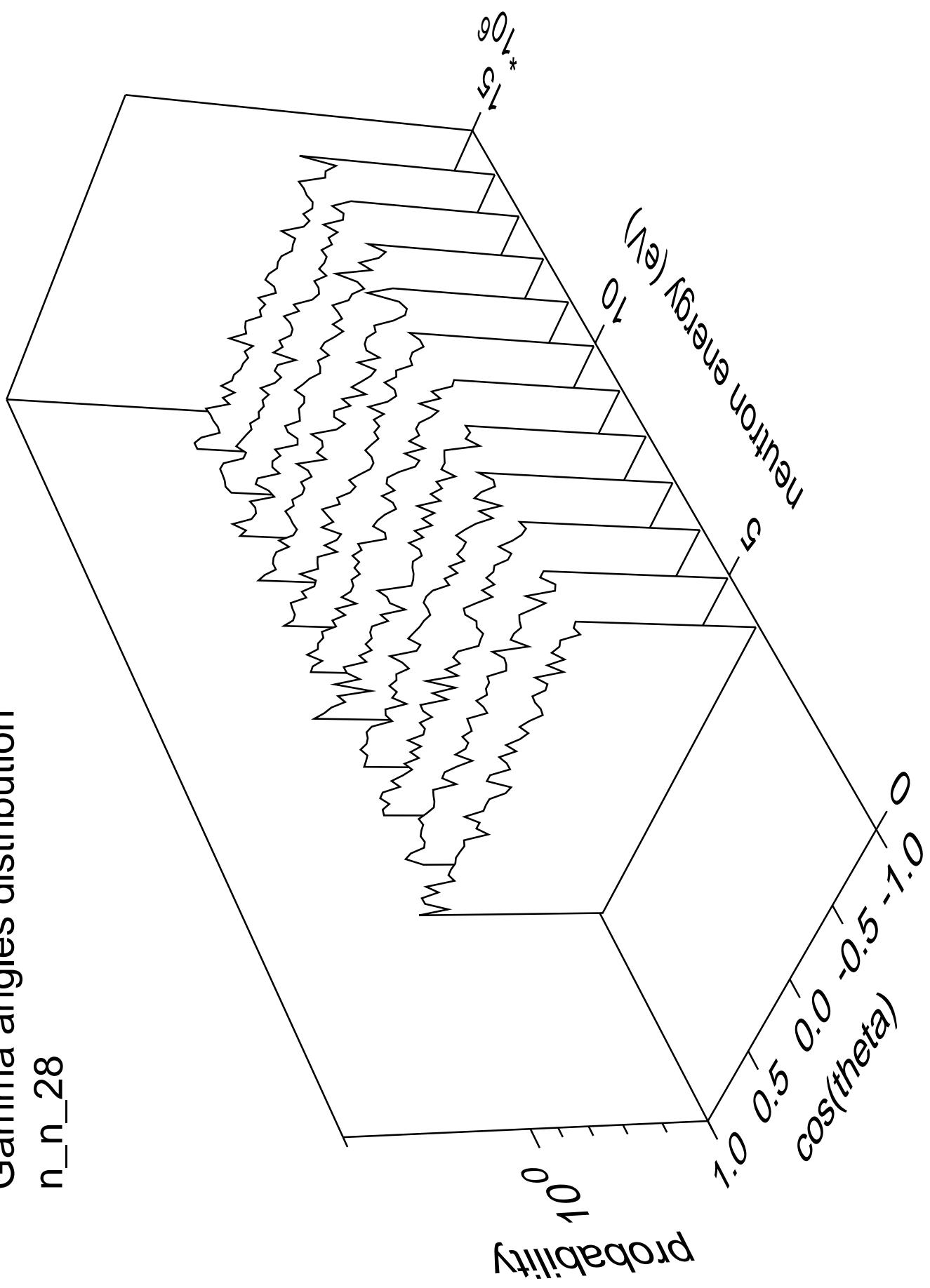


Gamma energy distribution n_n_28



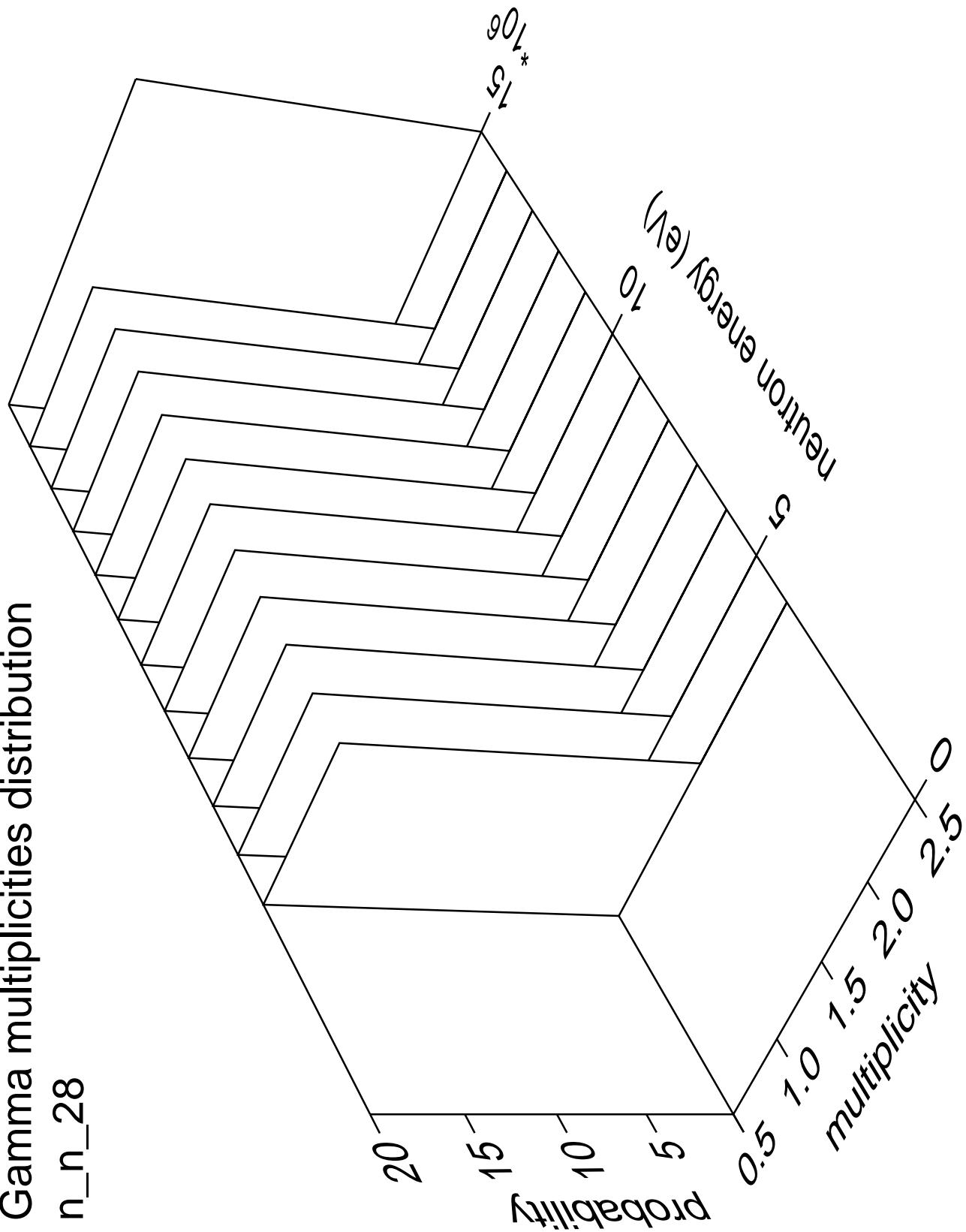
Gamma angles distribution

n_n_28

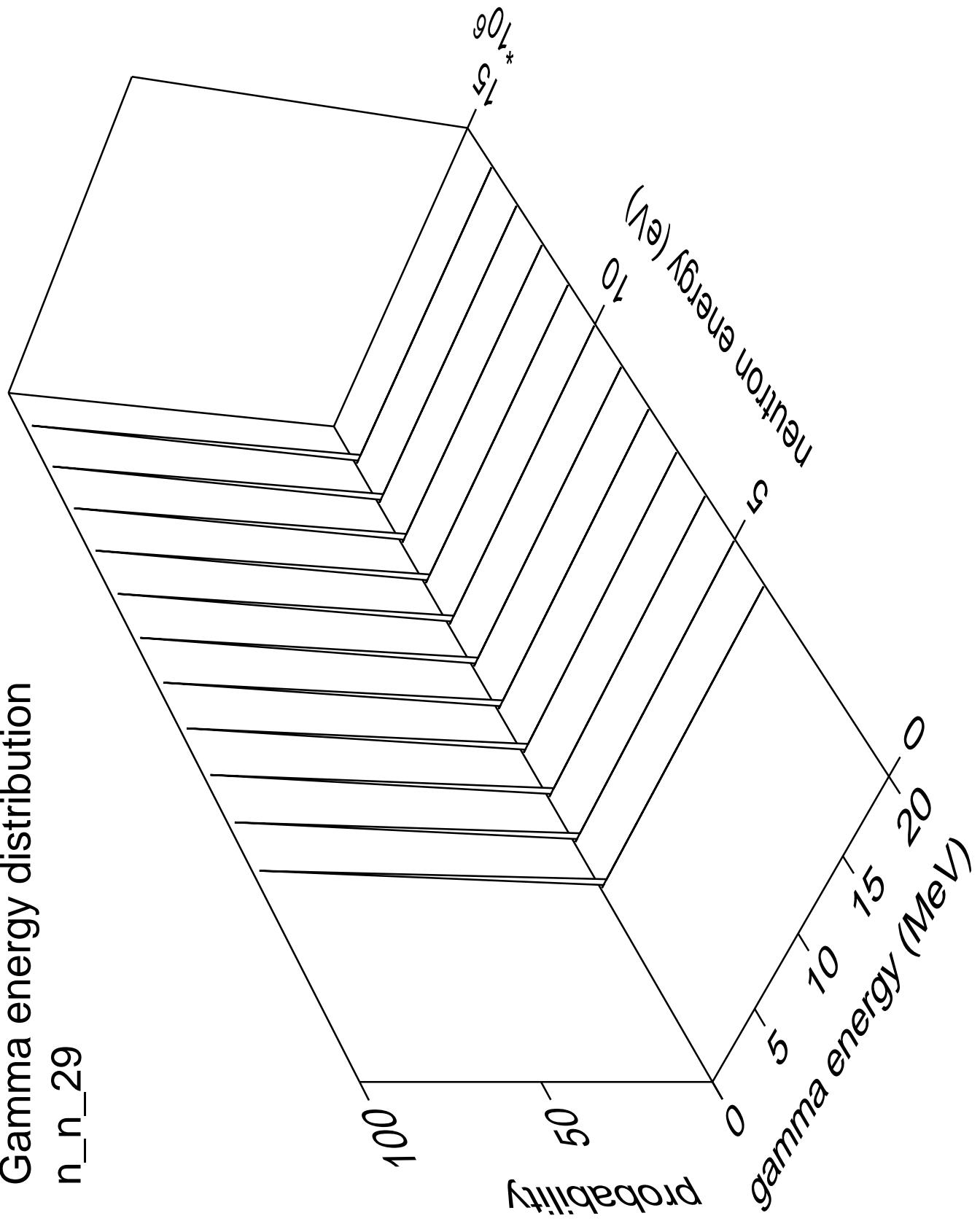


Gamma multiplicities distribution

n_n_28

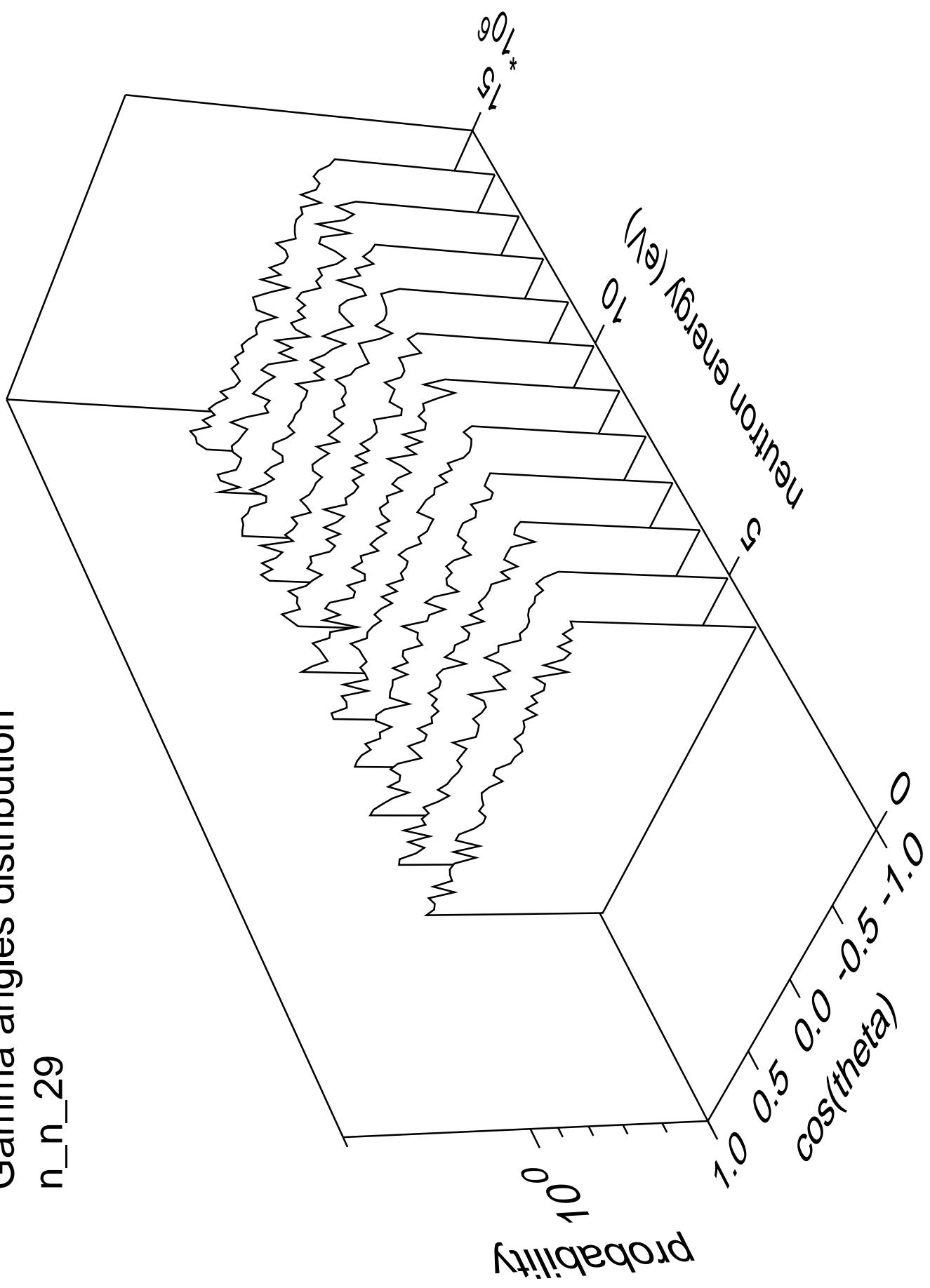


Gamma energy distribution n_n_29



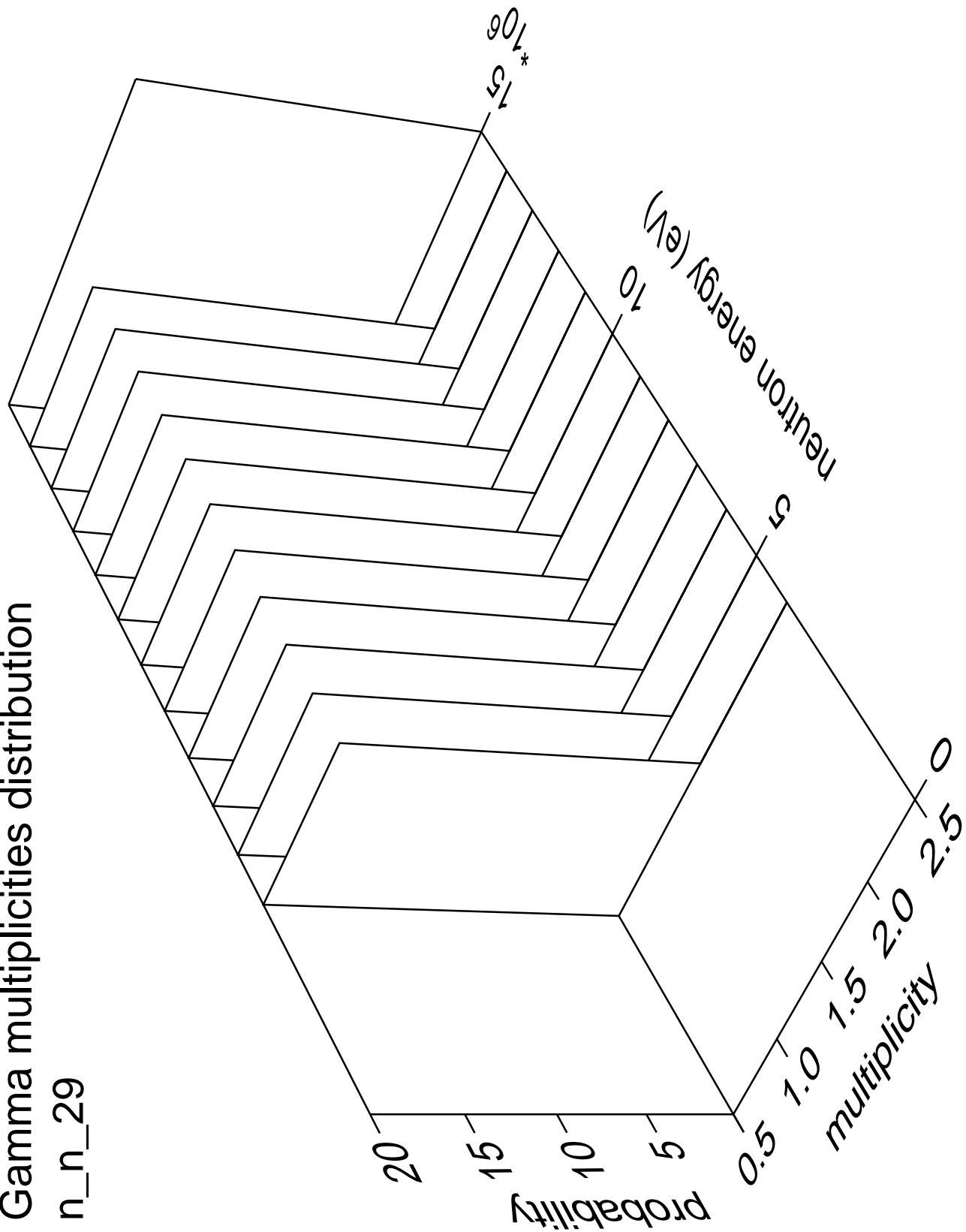
Gamma angles distribution

n_n_29



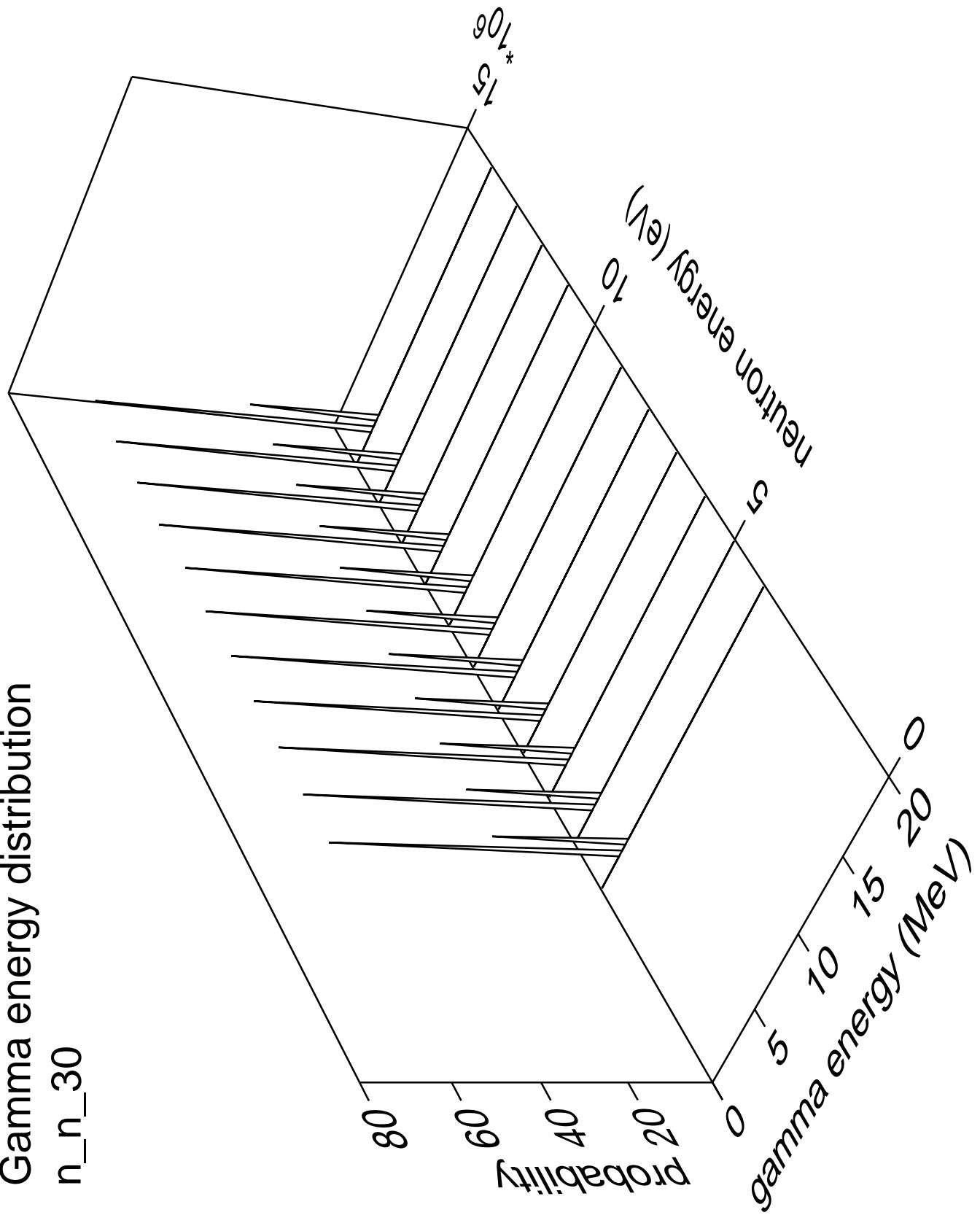
Gamma multiplicities distribution

n_n_29



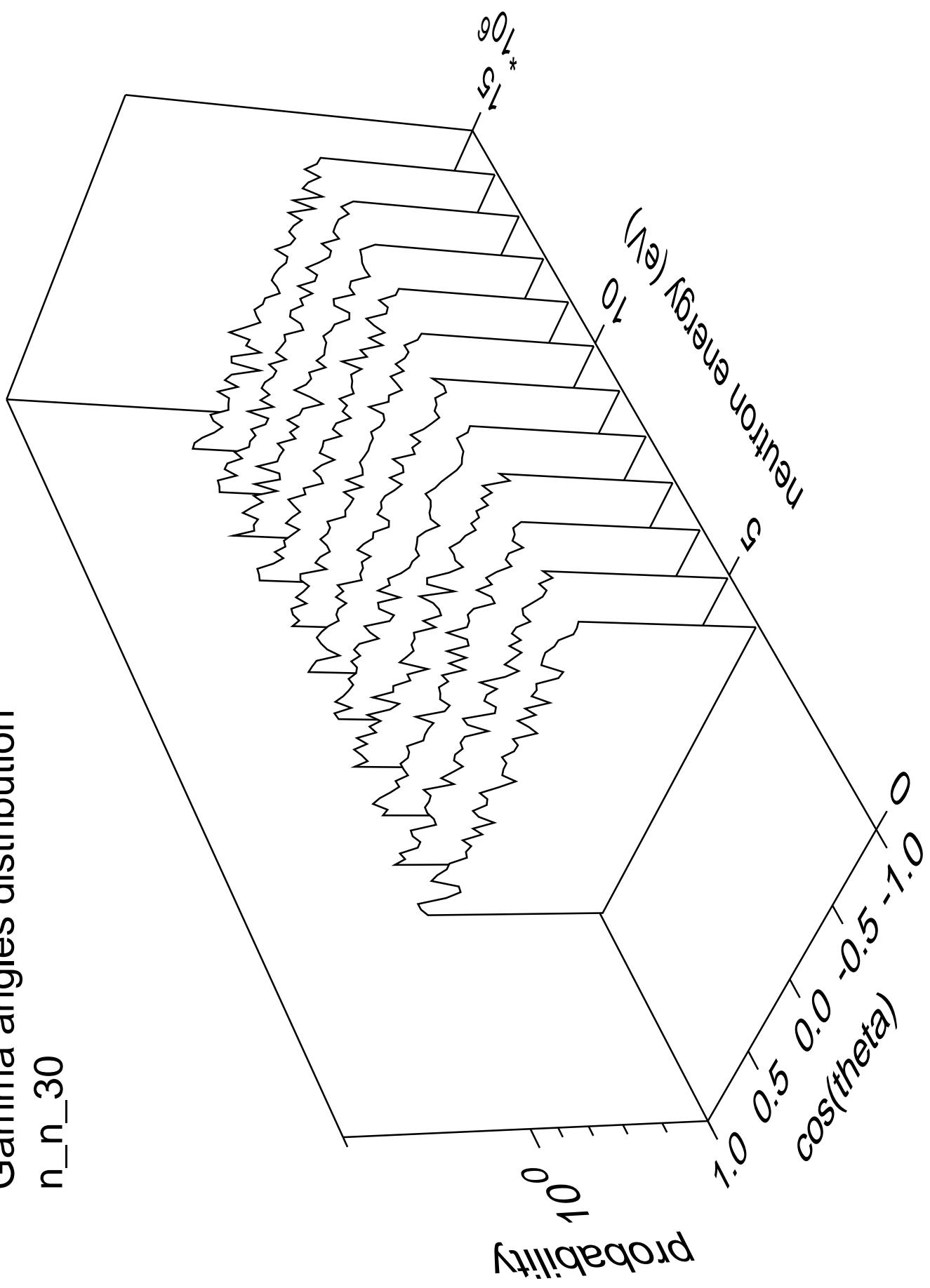
Gamma energy distribution

n_n_30



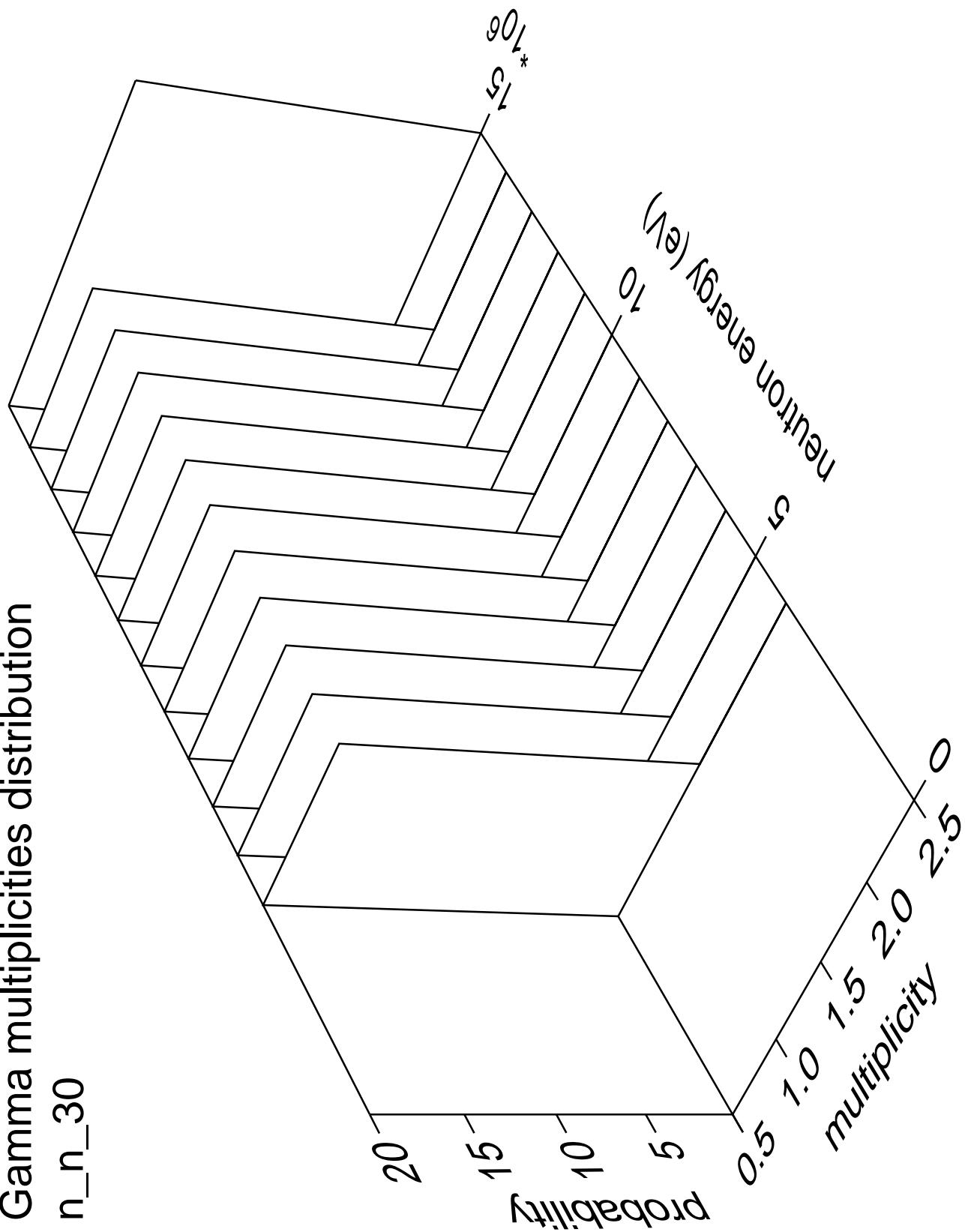
Gamma angles distribution

n_n_30

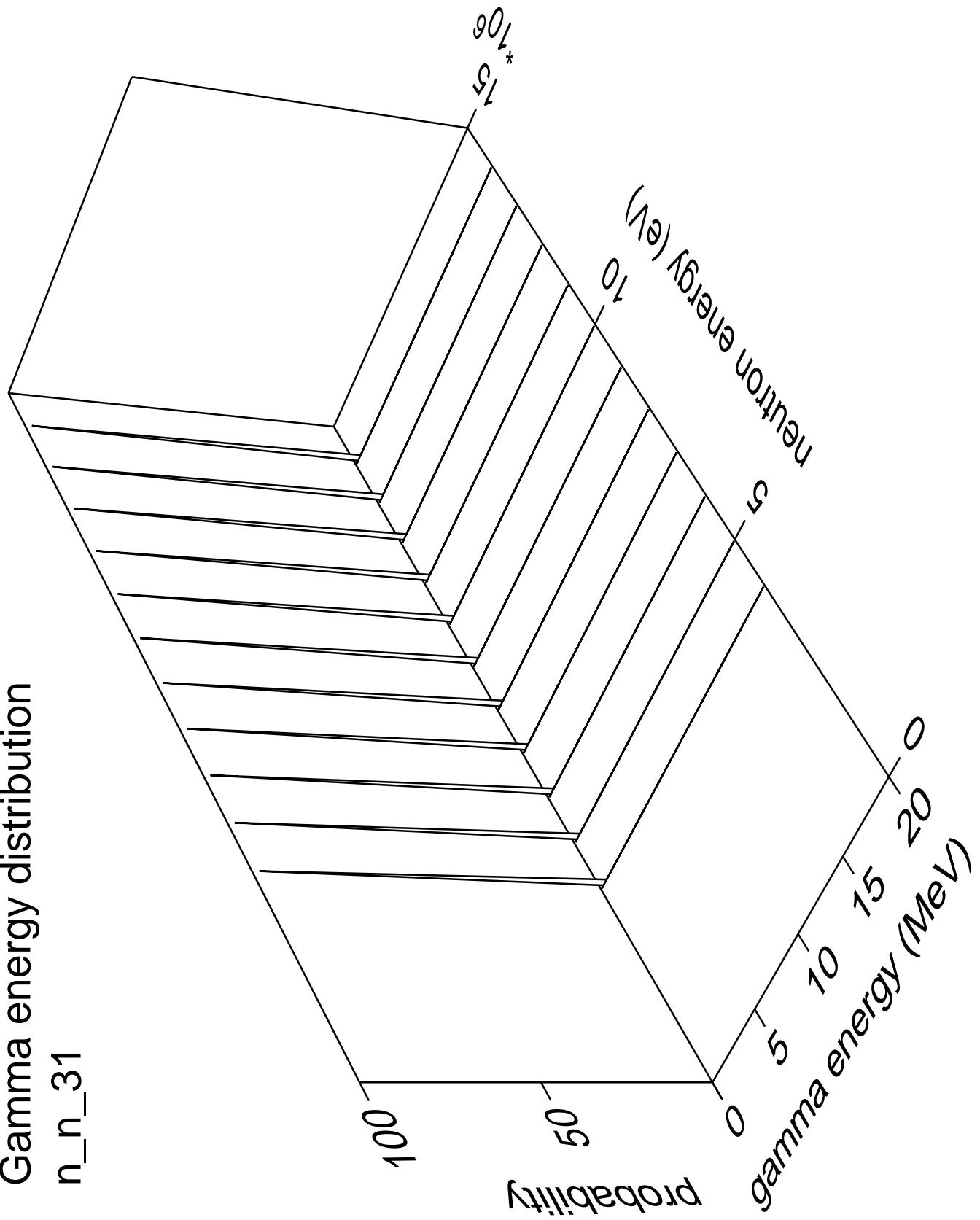


Gamma multiplicities distribution

n_n_{30}

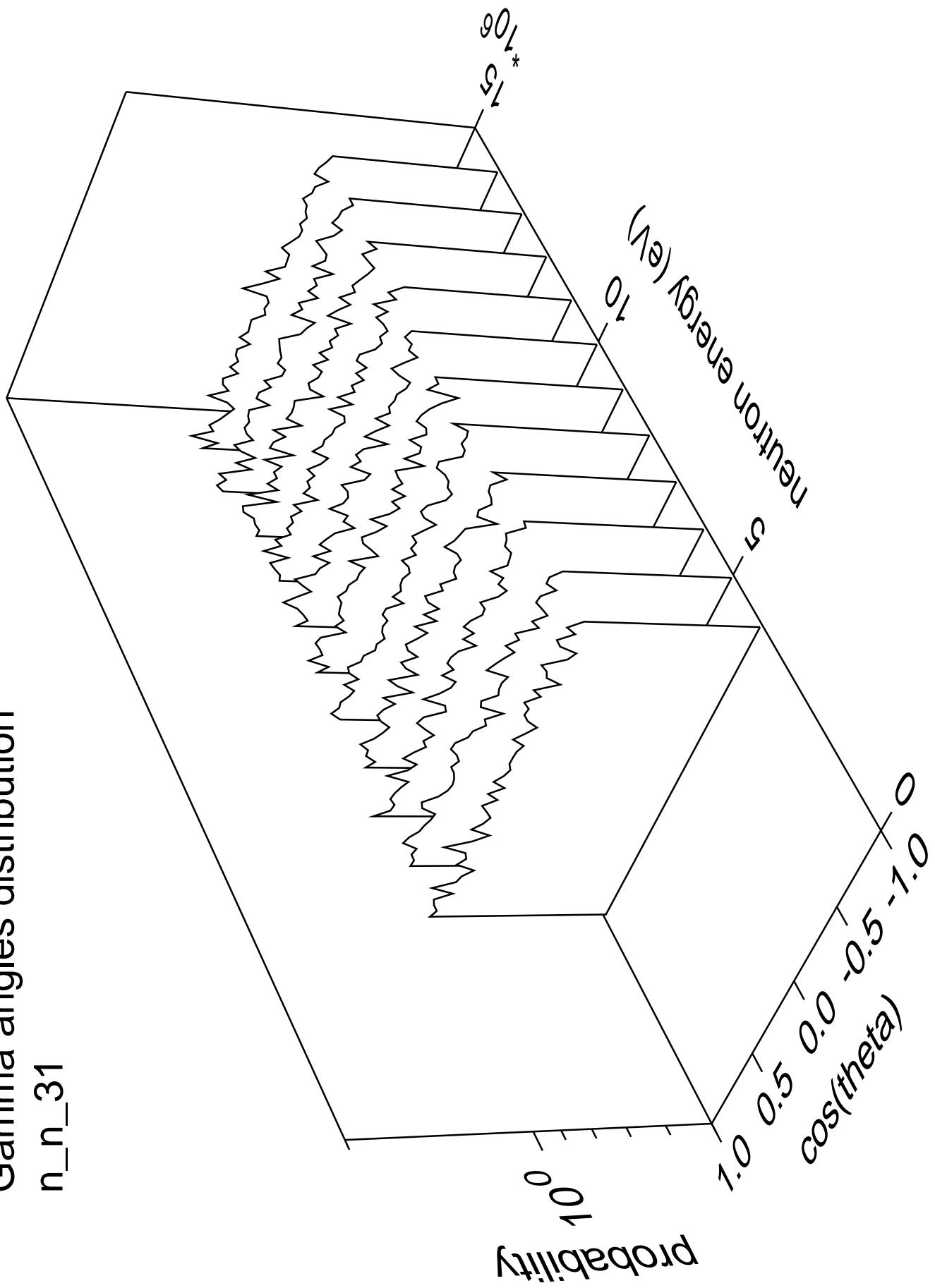


Gamma energy distribution n_n_31

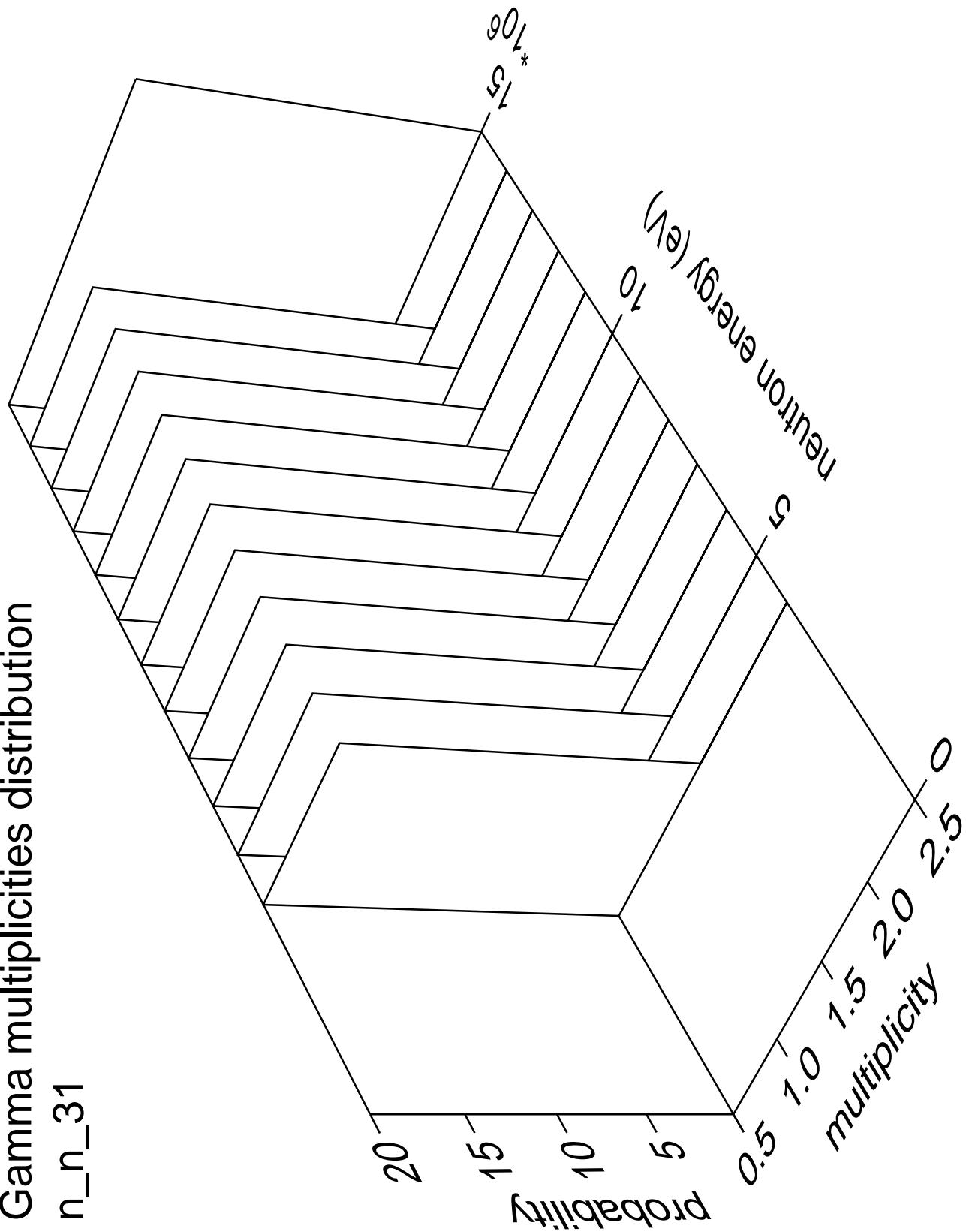


Gamma angles distribution

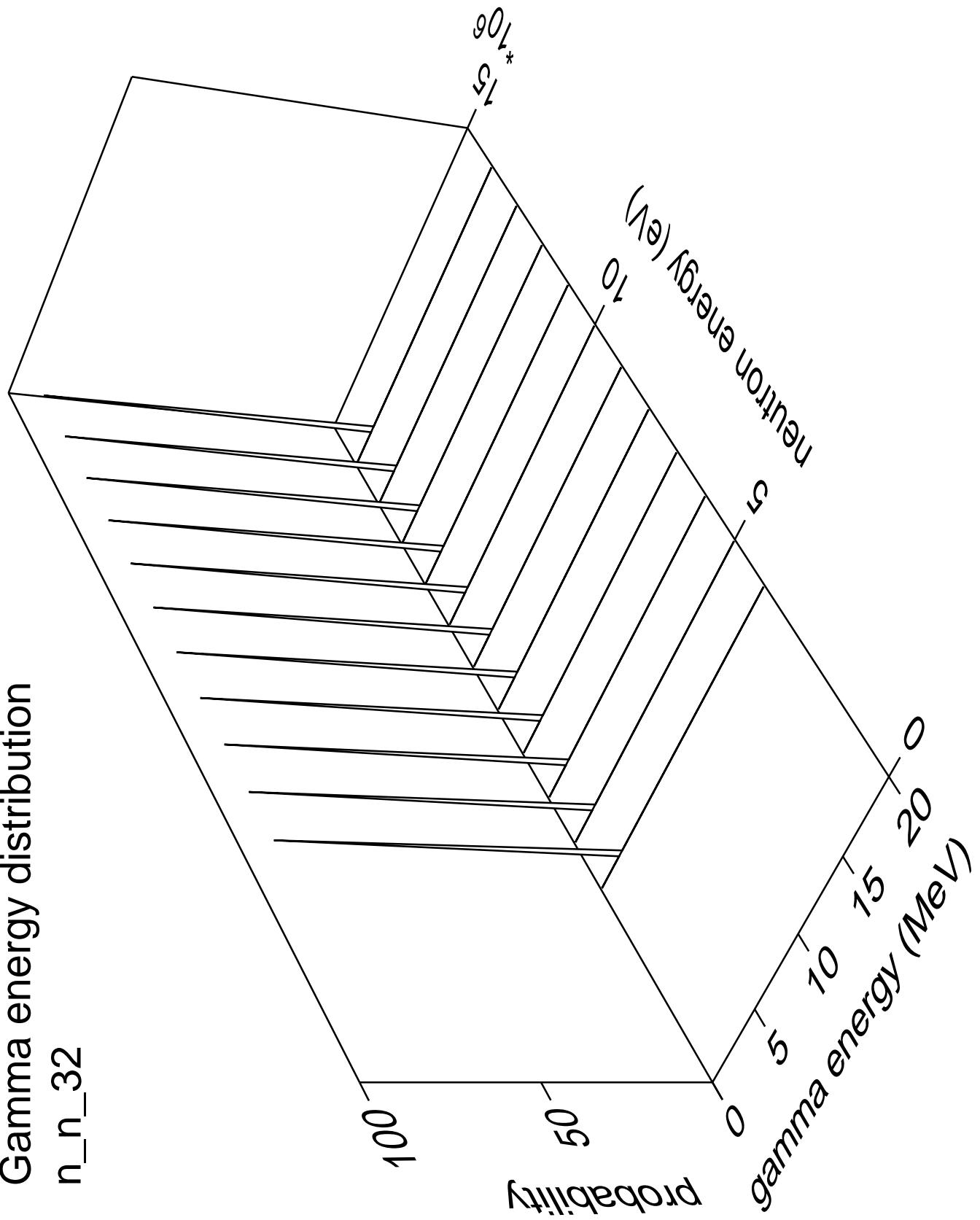
n_n_31



Gamma multiplicities distribution

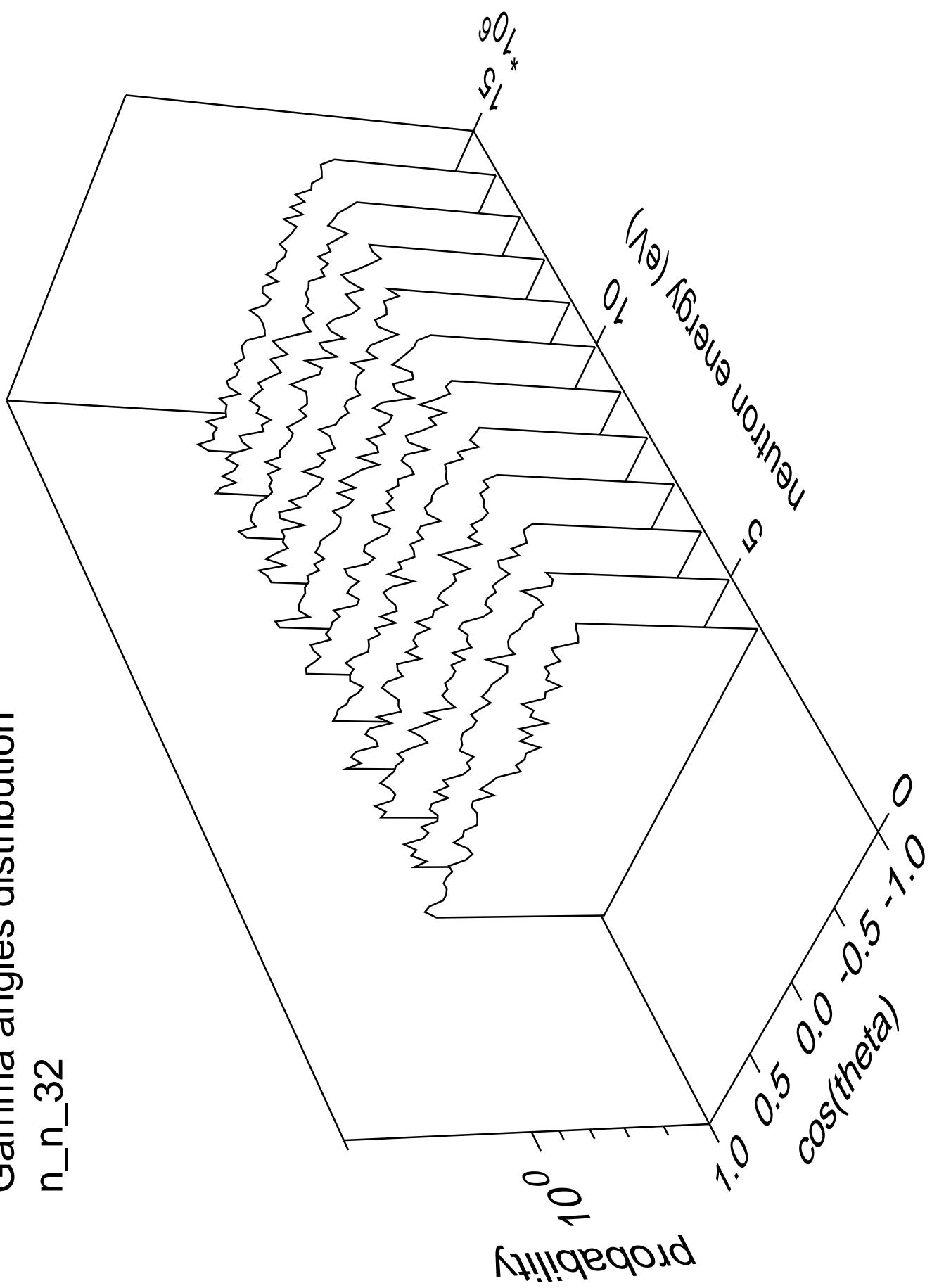


Gamma energy distribution n_n_32



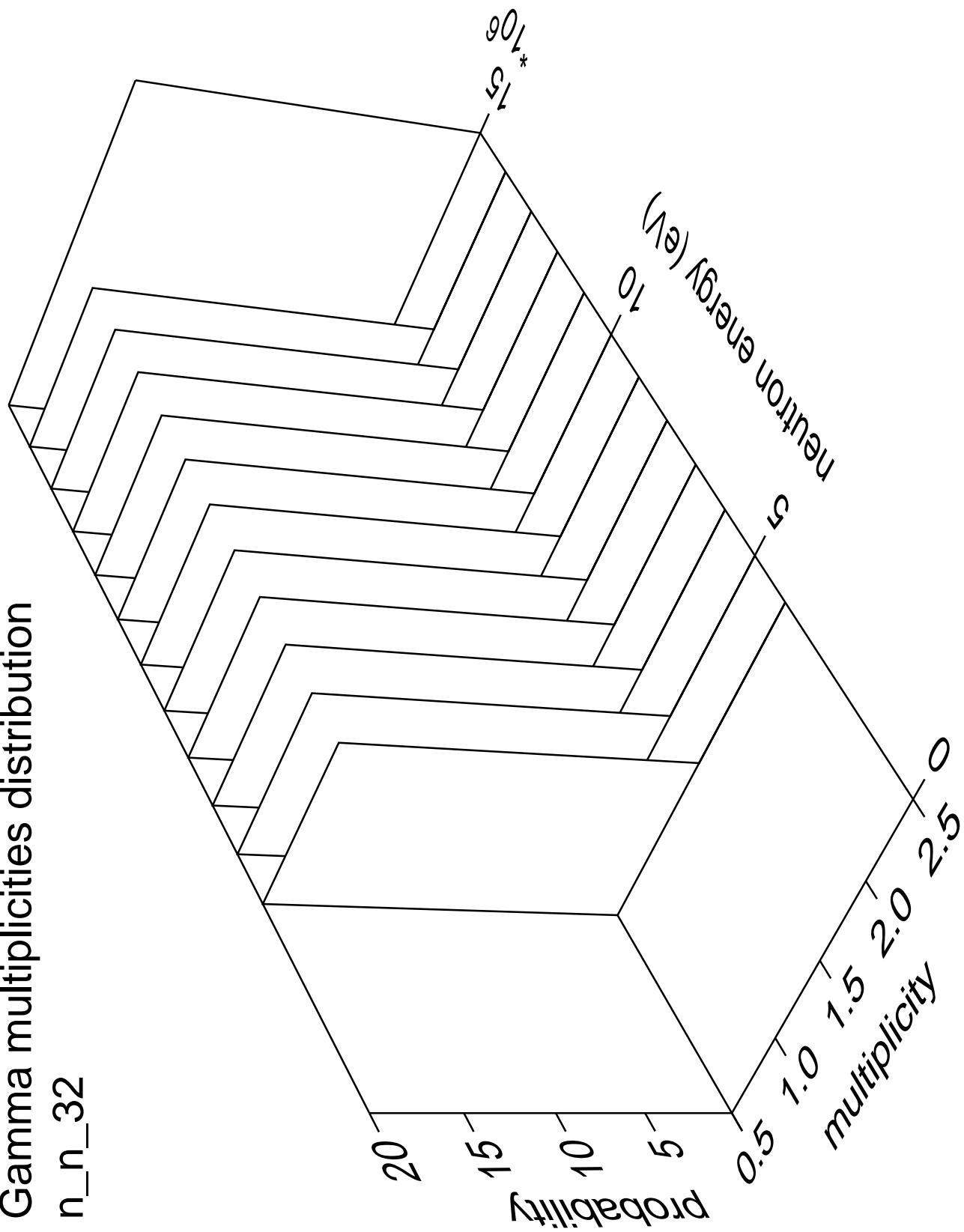
Gamma angles distribution

n_n_32

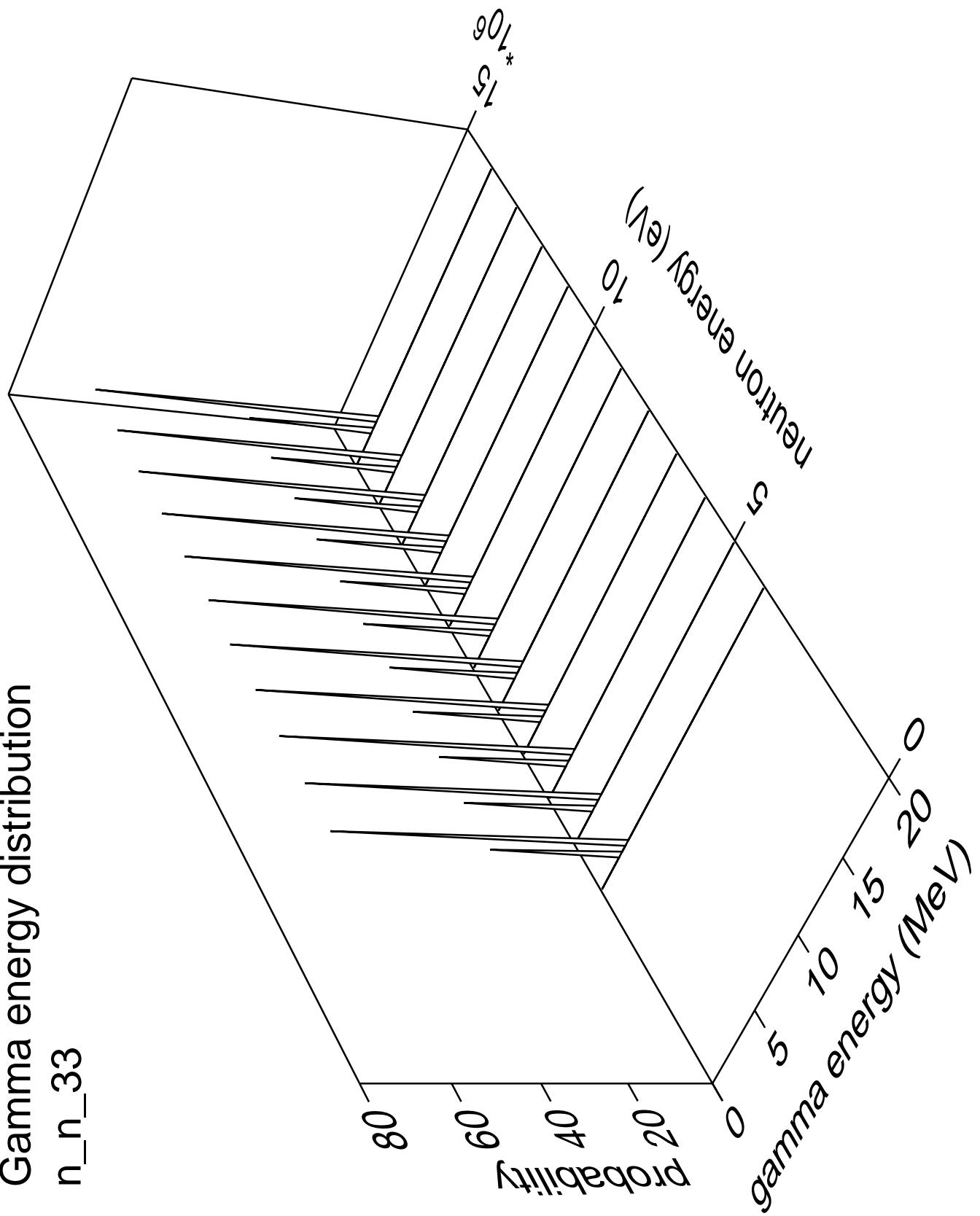


Gamma multiplicities distribution

n_n_{32}

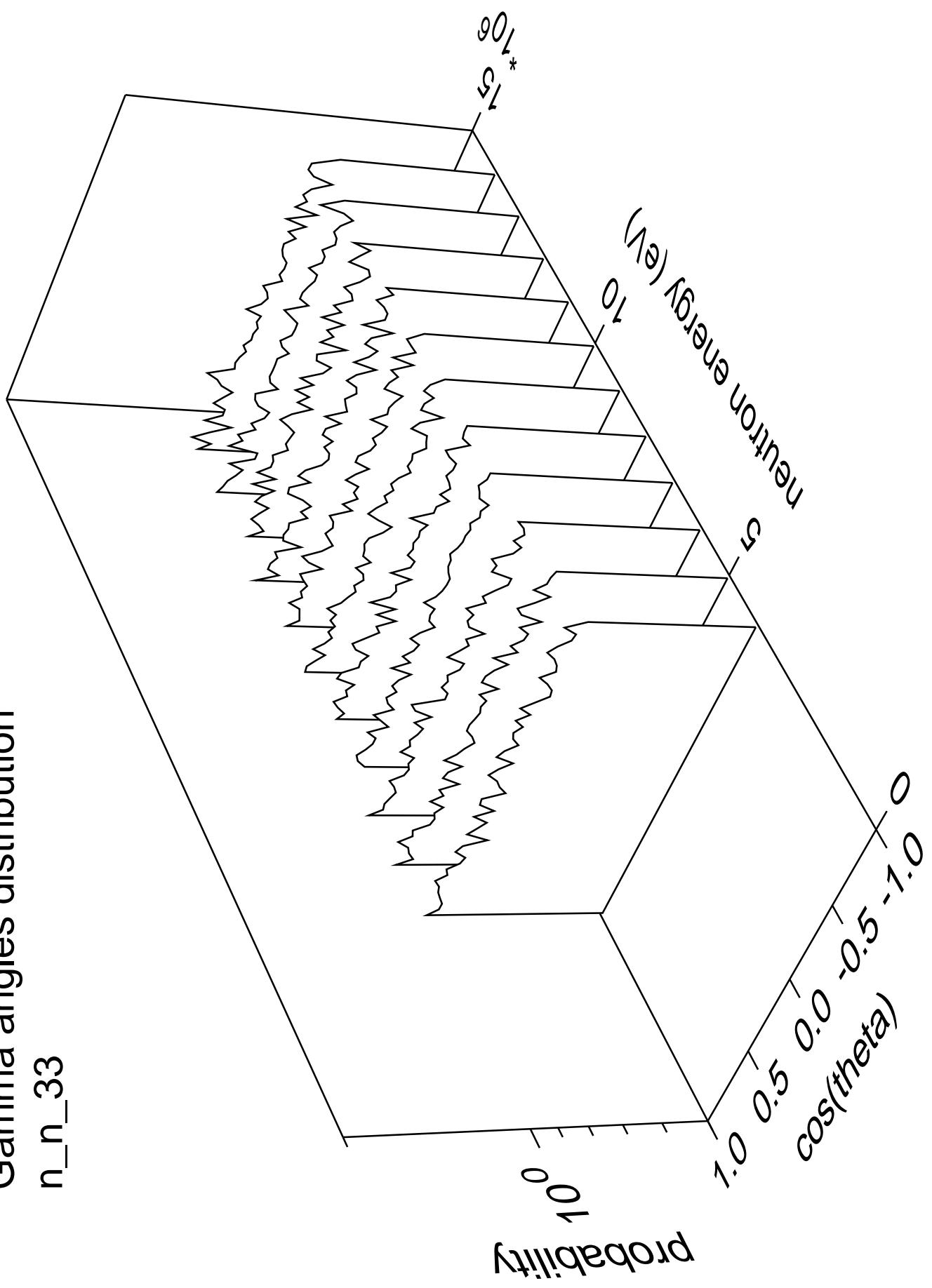


Gamma energy distribution n_n_33



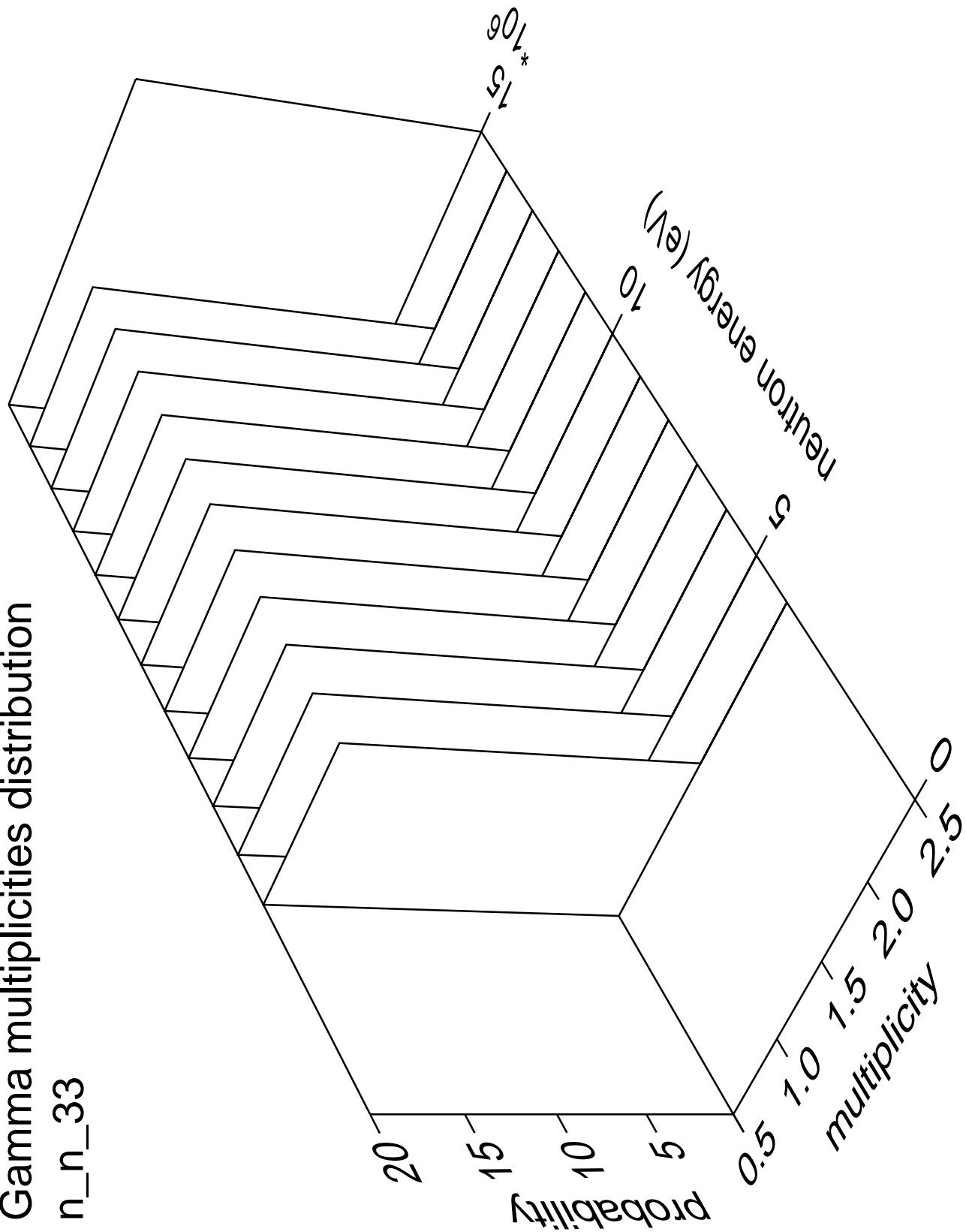
Gamma angles distribution

n_n_33

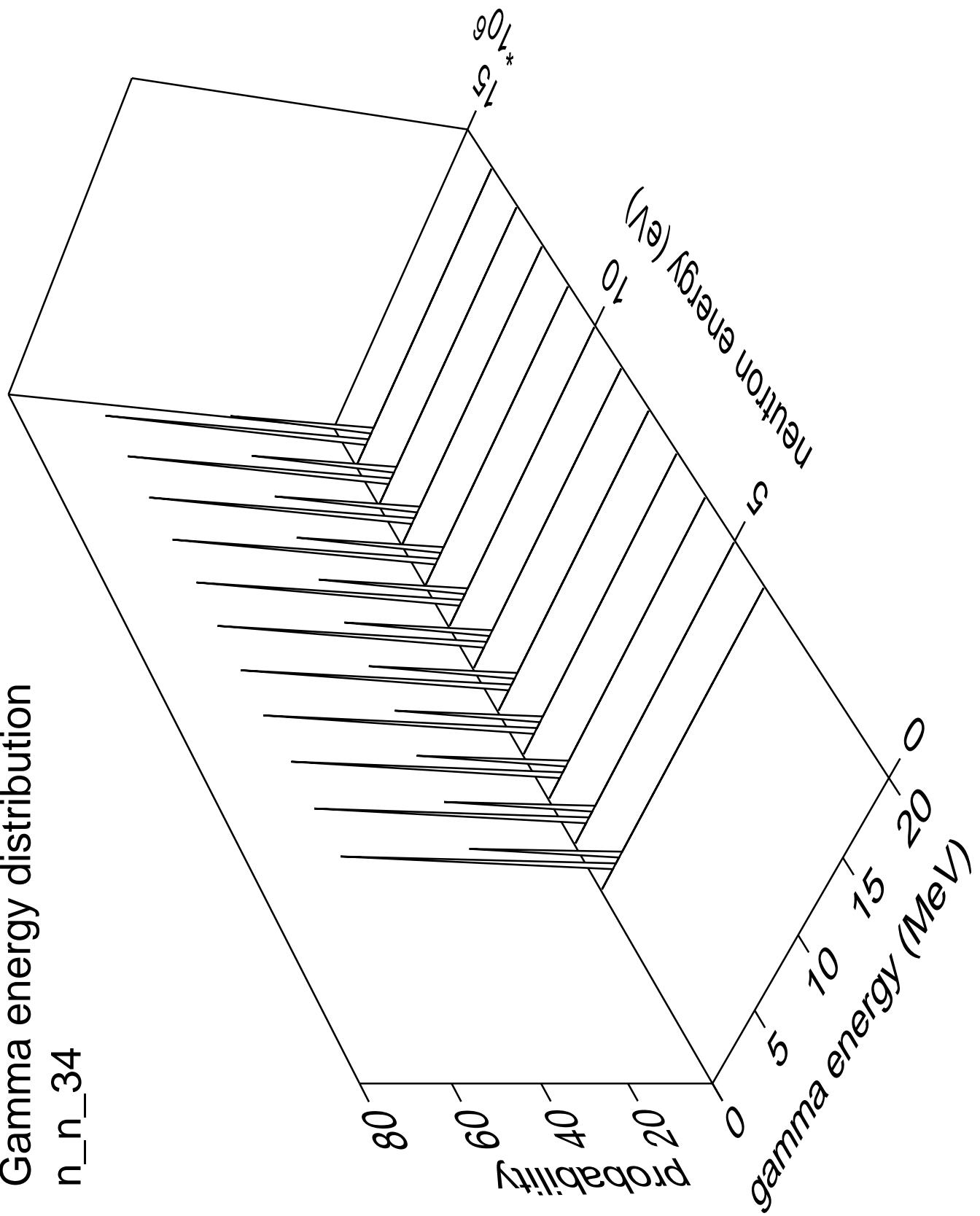


Gamma multiplicities distribution

n_n_33

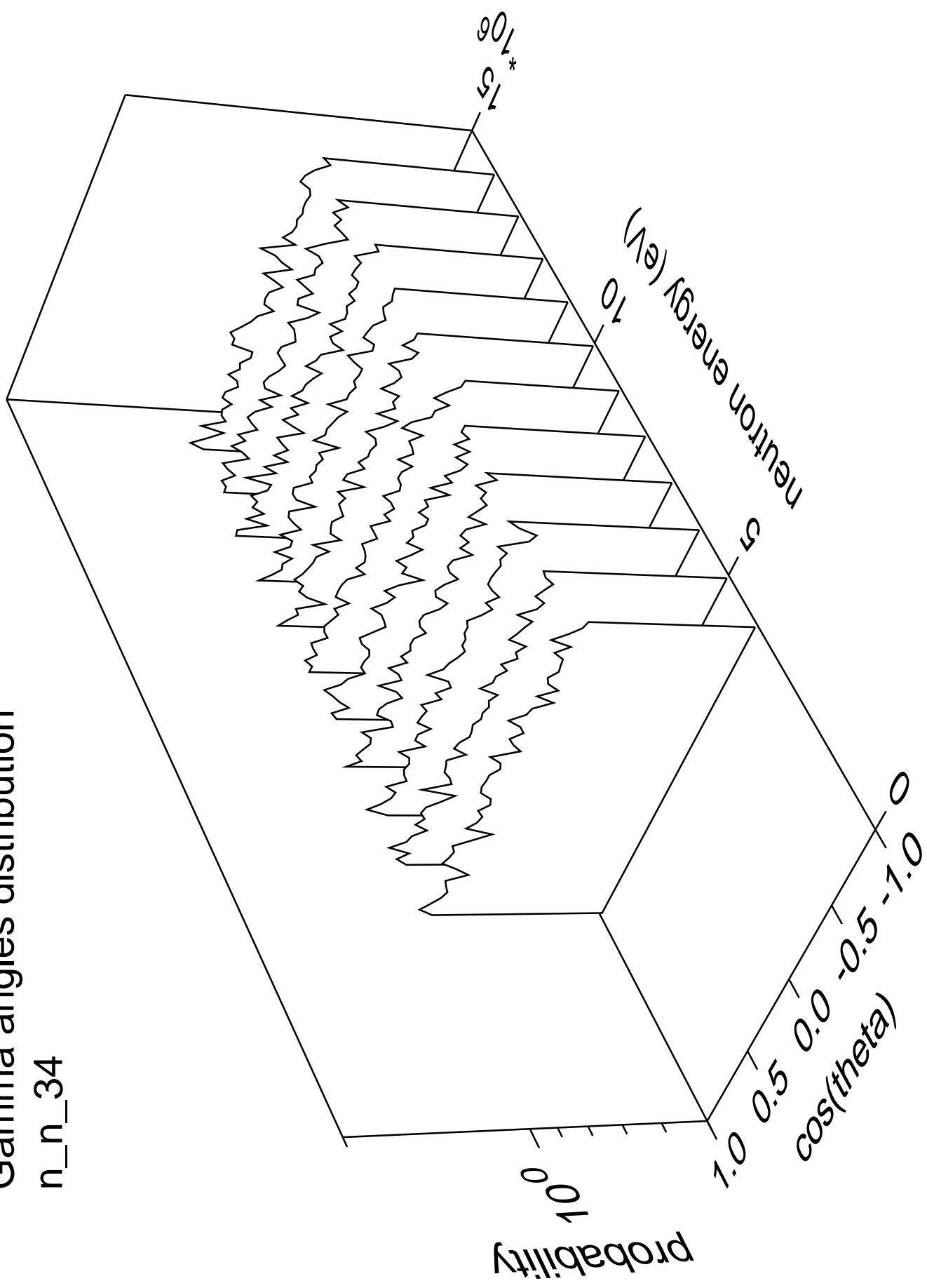


Gamma energy distribution n_n_34



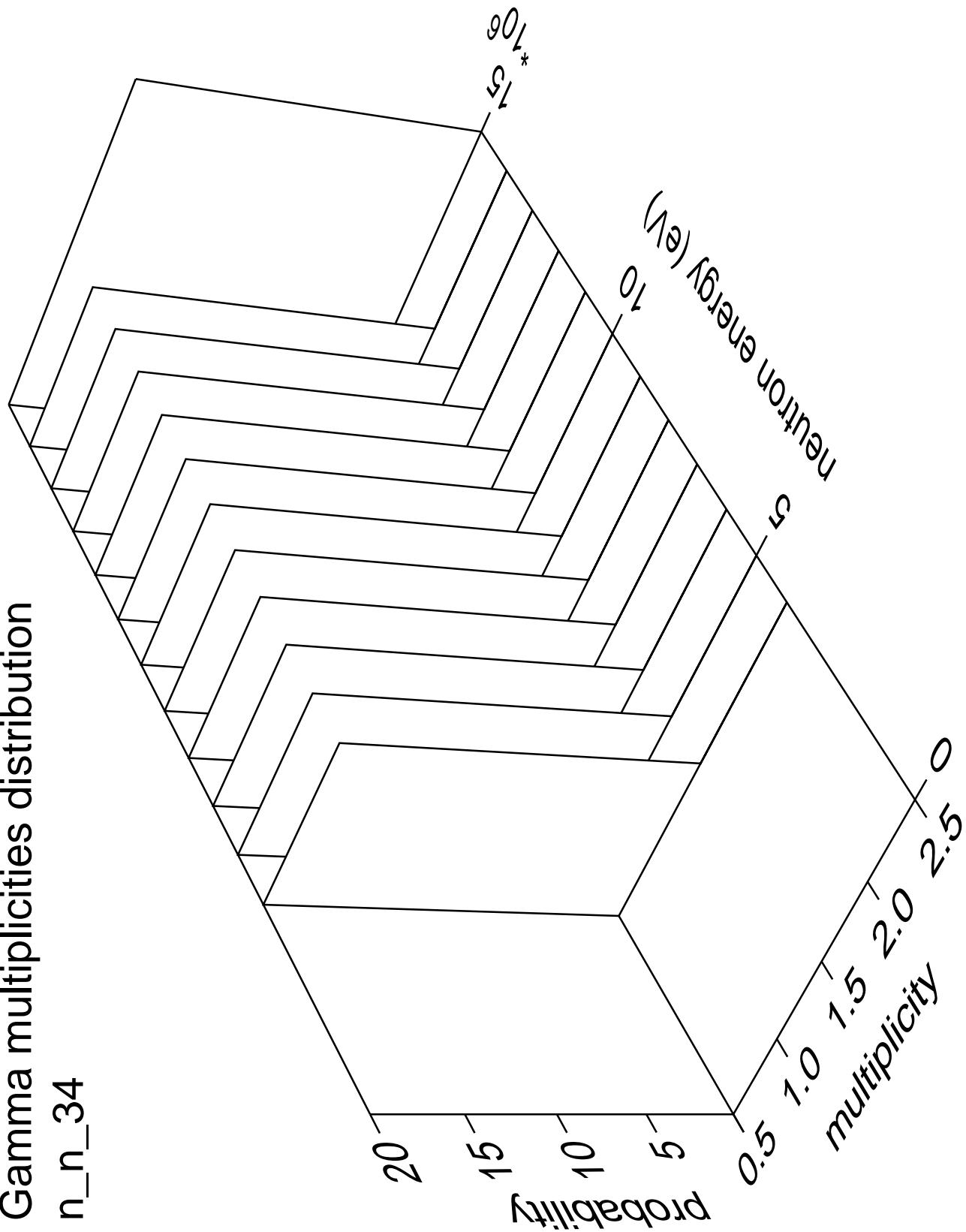
Gamma angles distribution

n_n_34

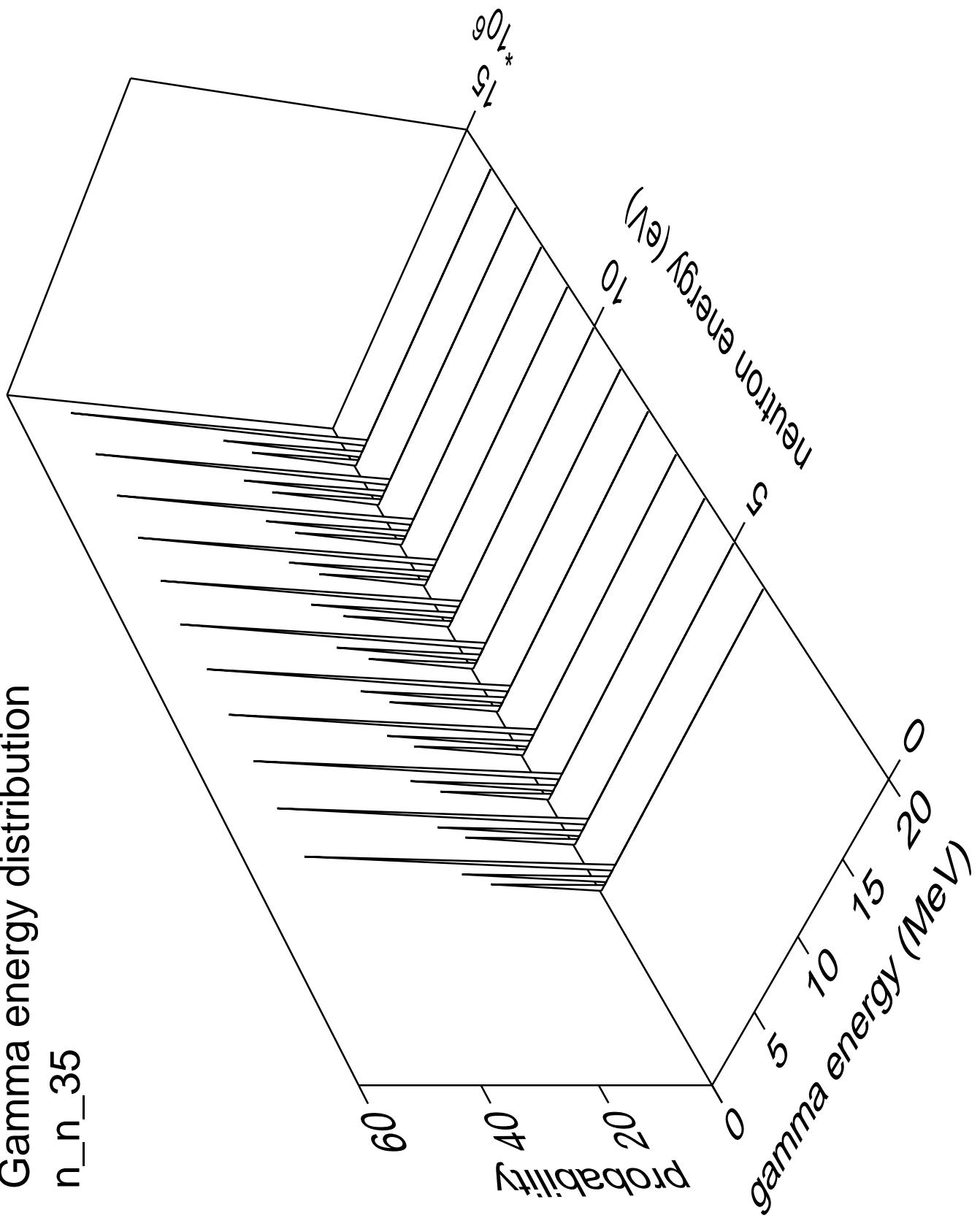


Gamma multiplicities distribution

n_n_{34}

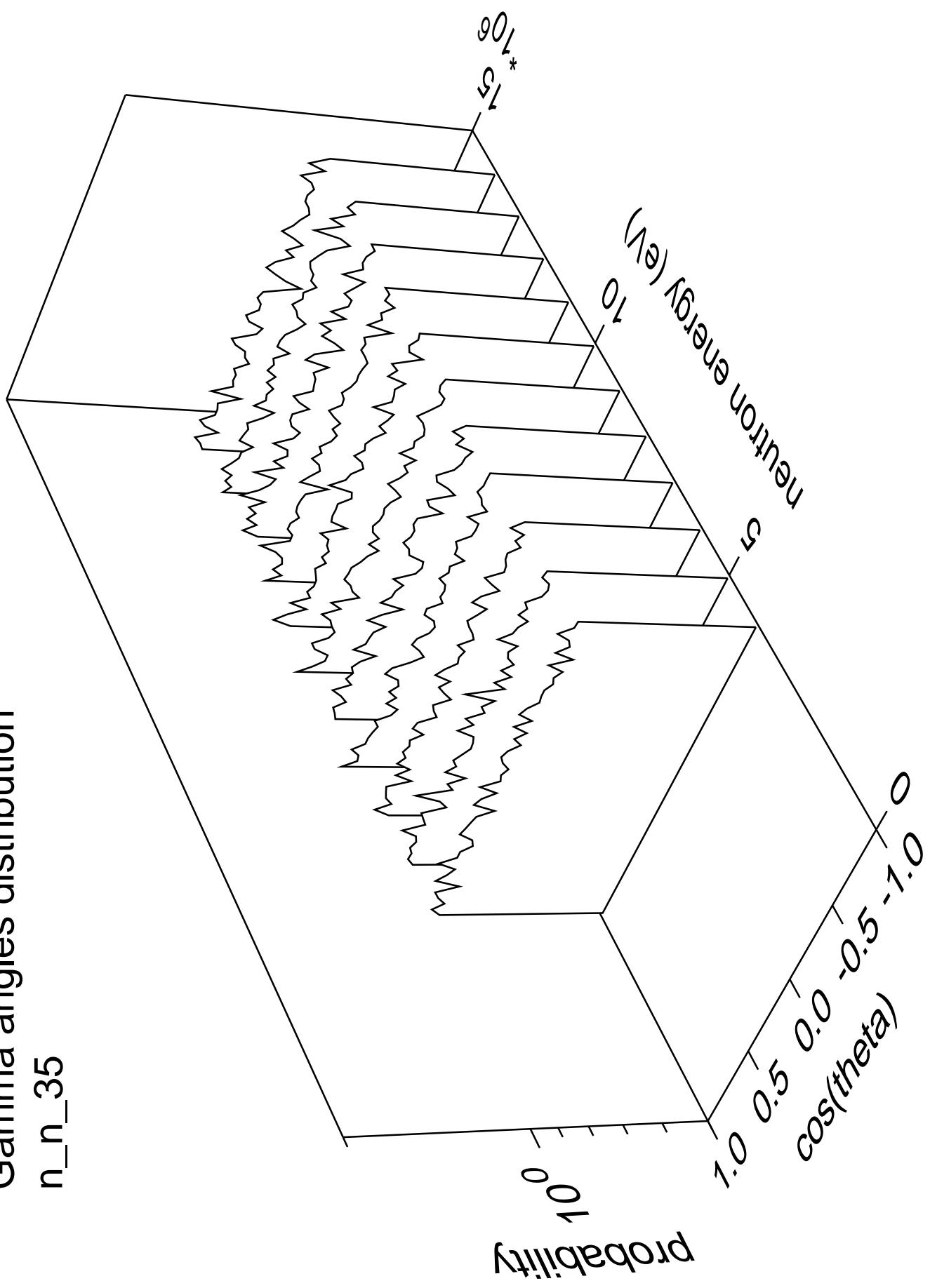


Gamma energy distribution n_n_35



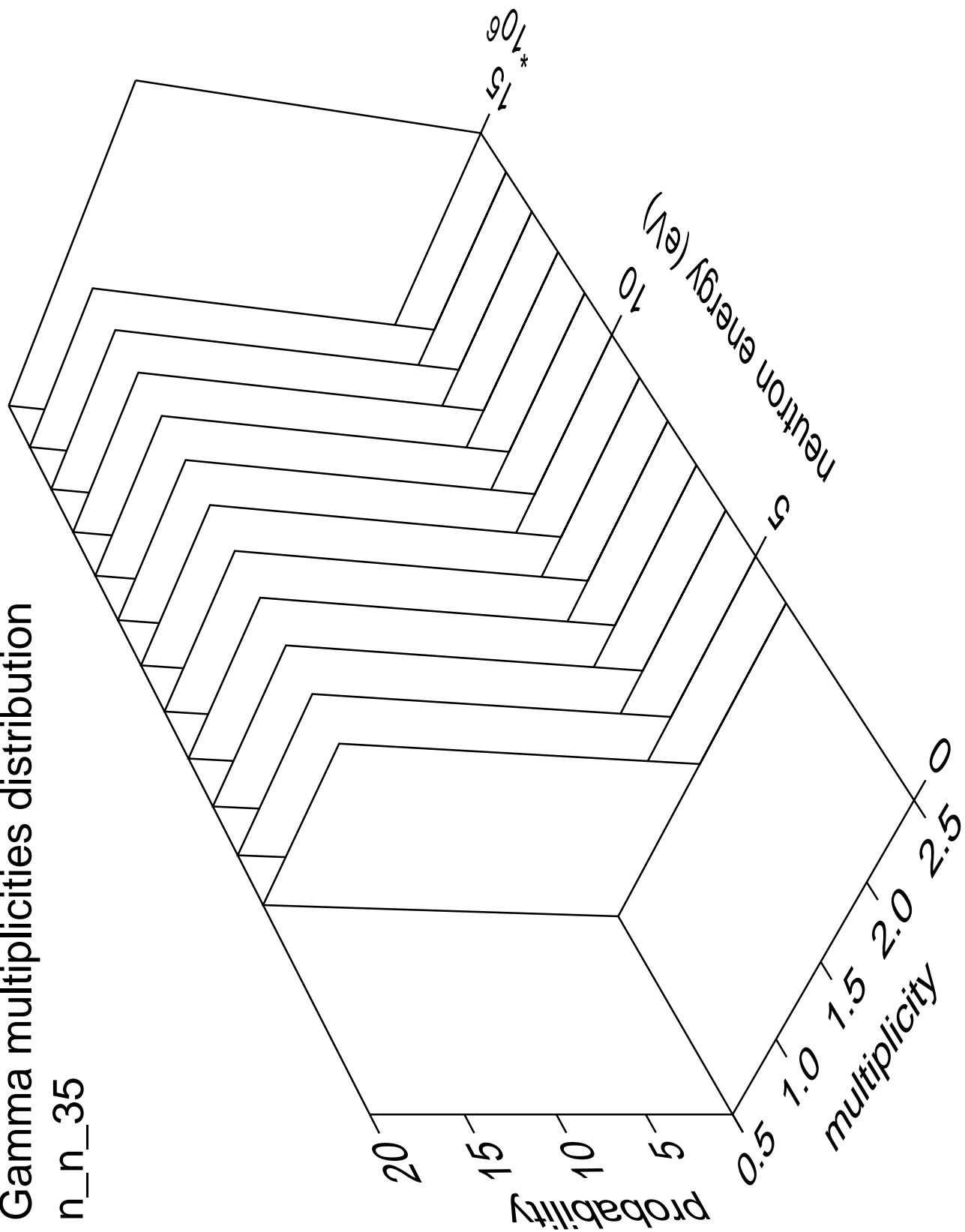
Gamma angles distribution

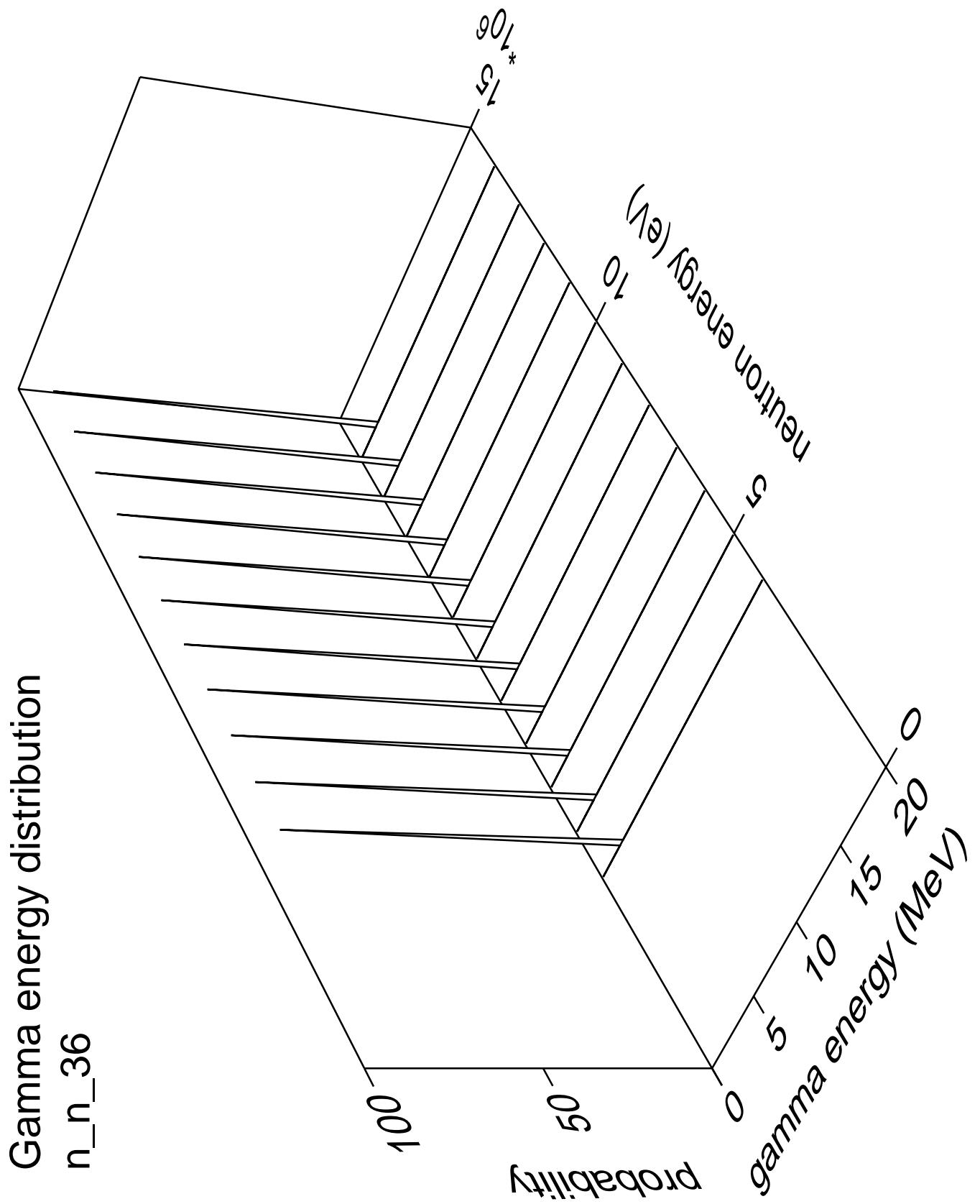
n_n_35



Gamma multiplicities distribution

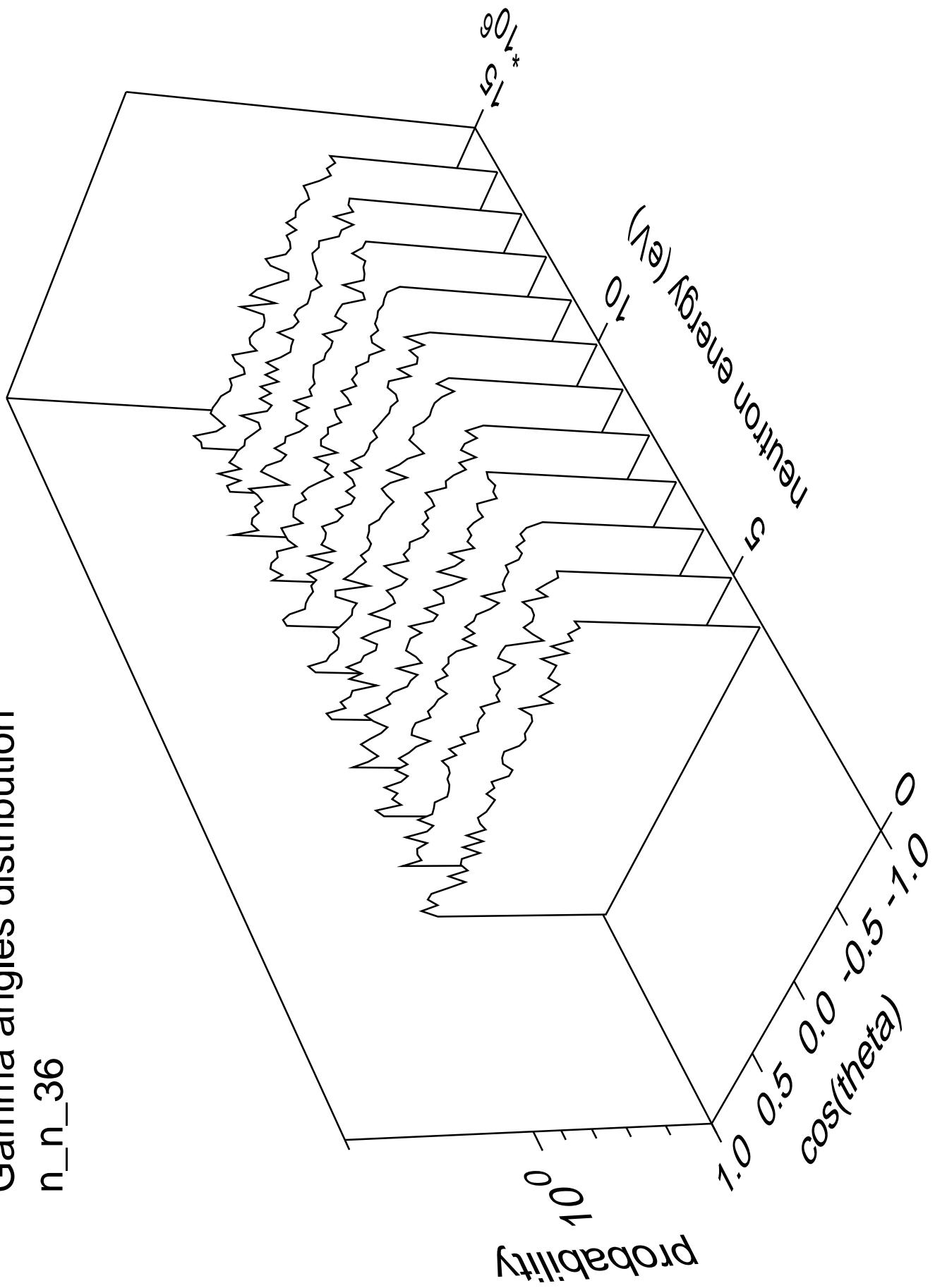
n_n_35





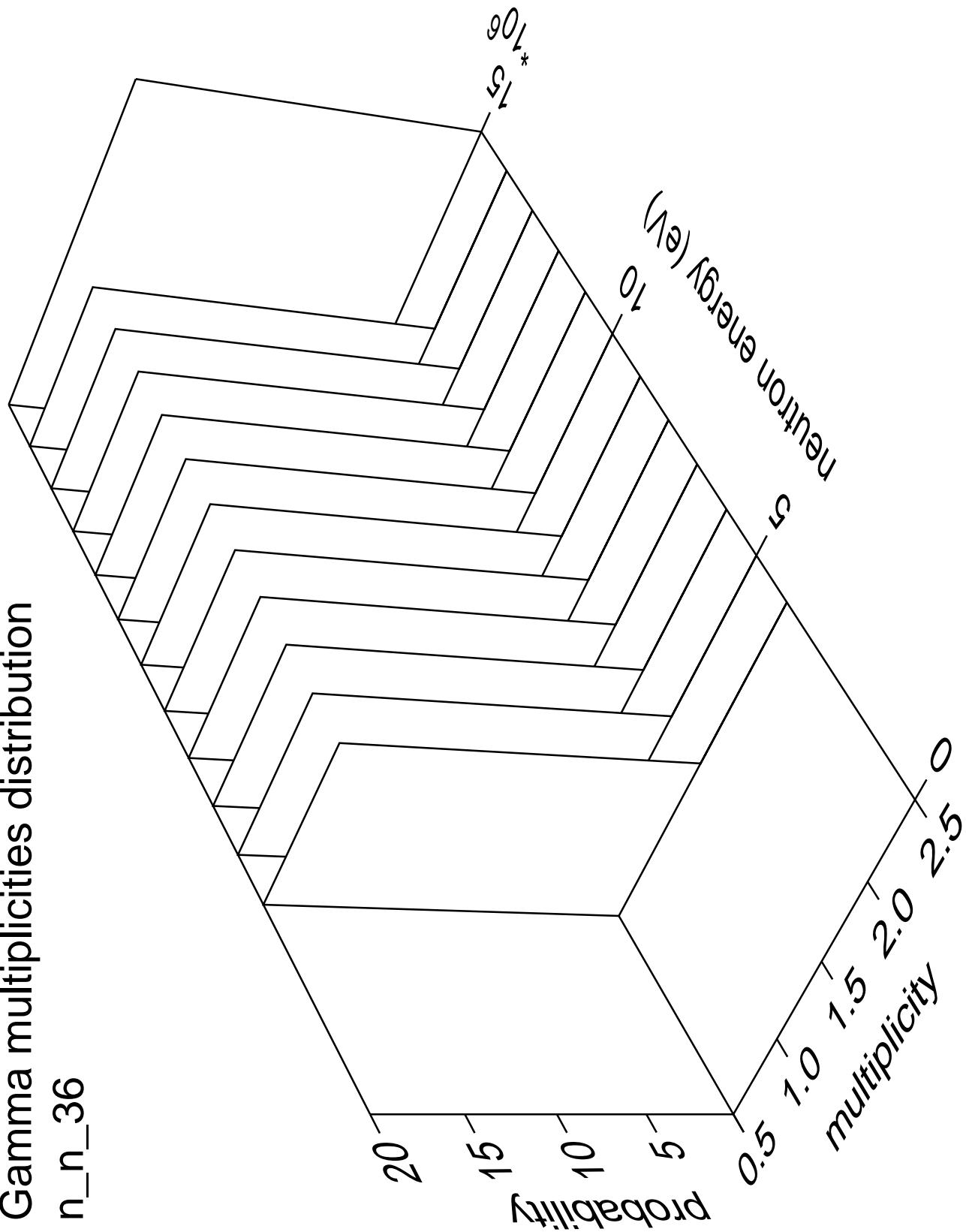
Gamma angles distribution

n_n_36

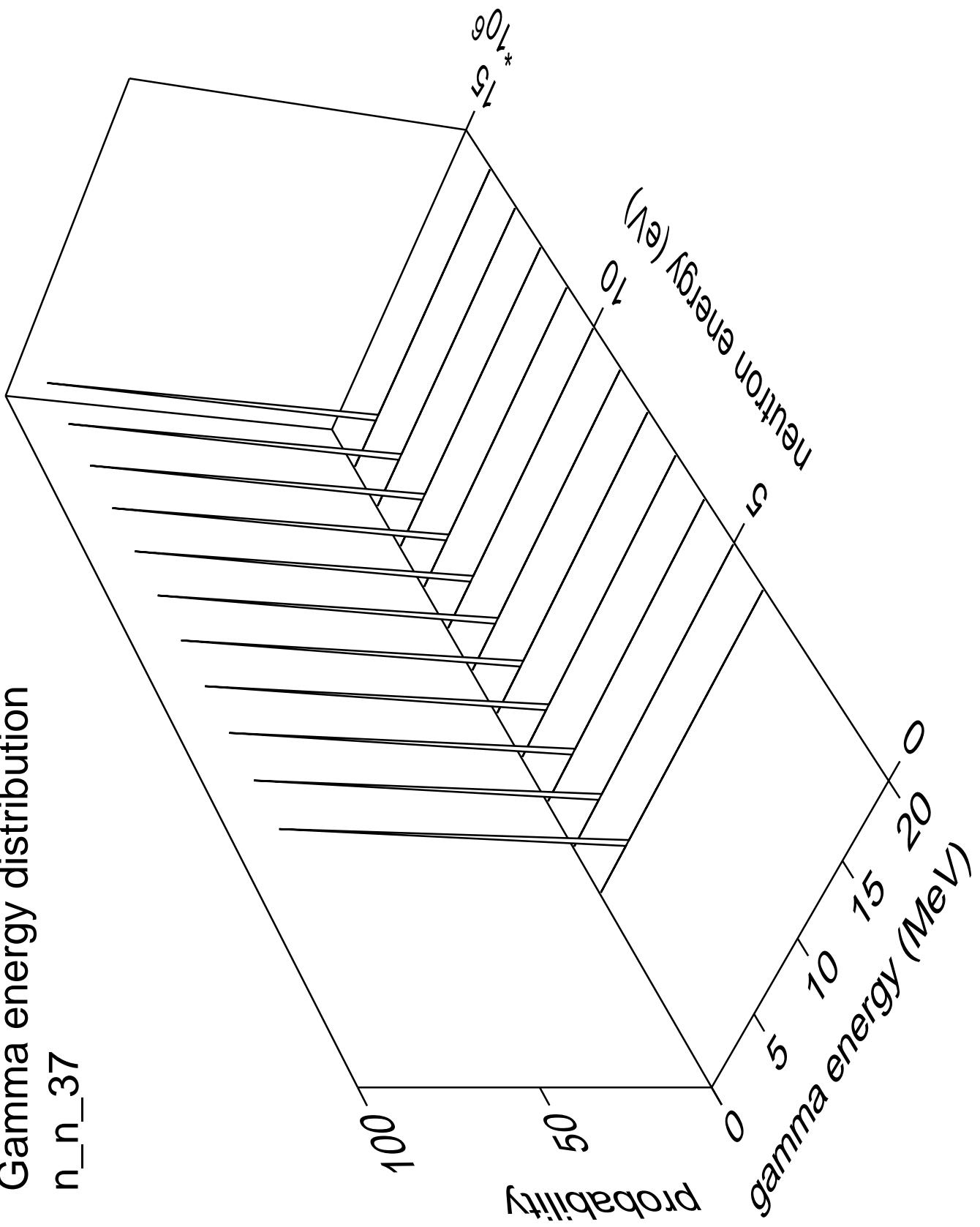


Gamma multiplicities distribution

n_n_36

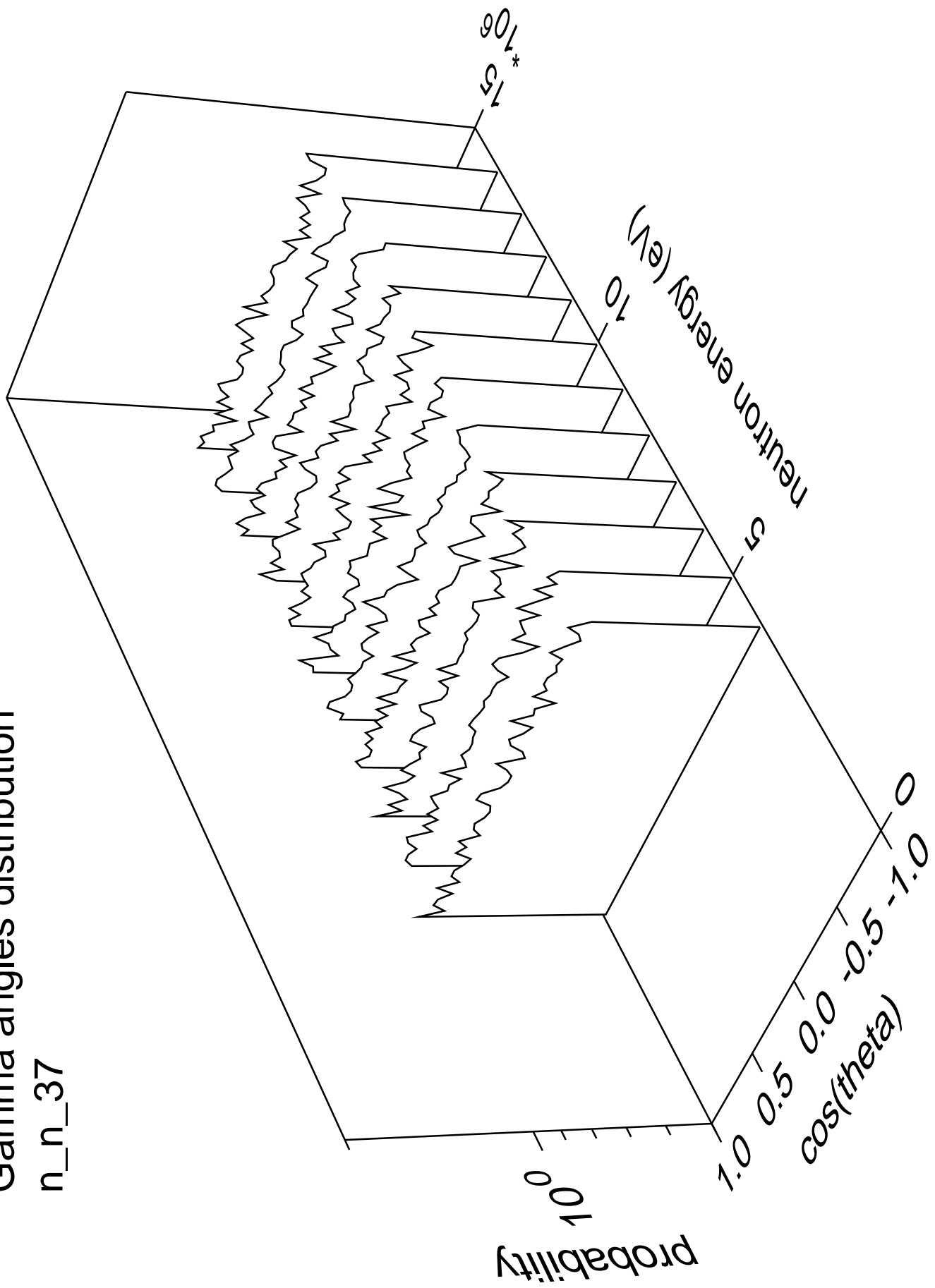


Gamma energy distribution n_n_37

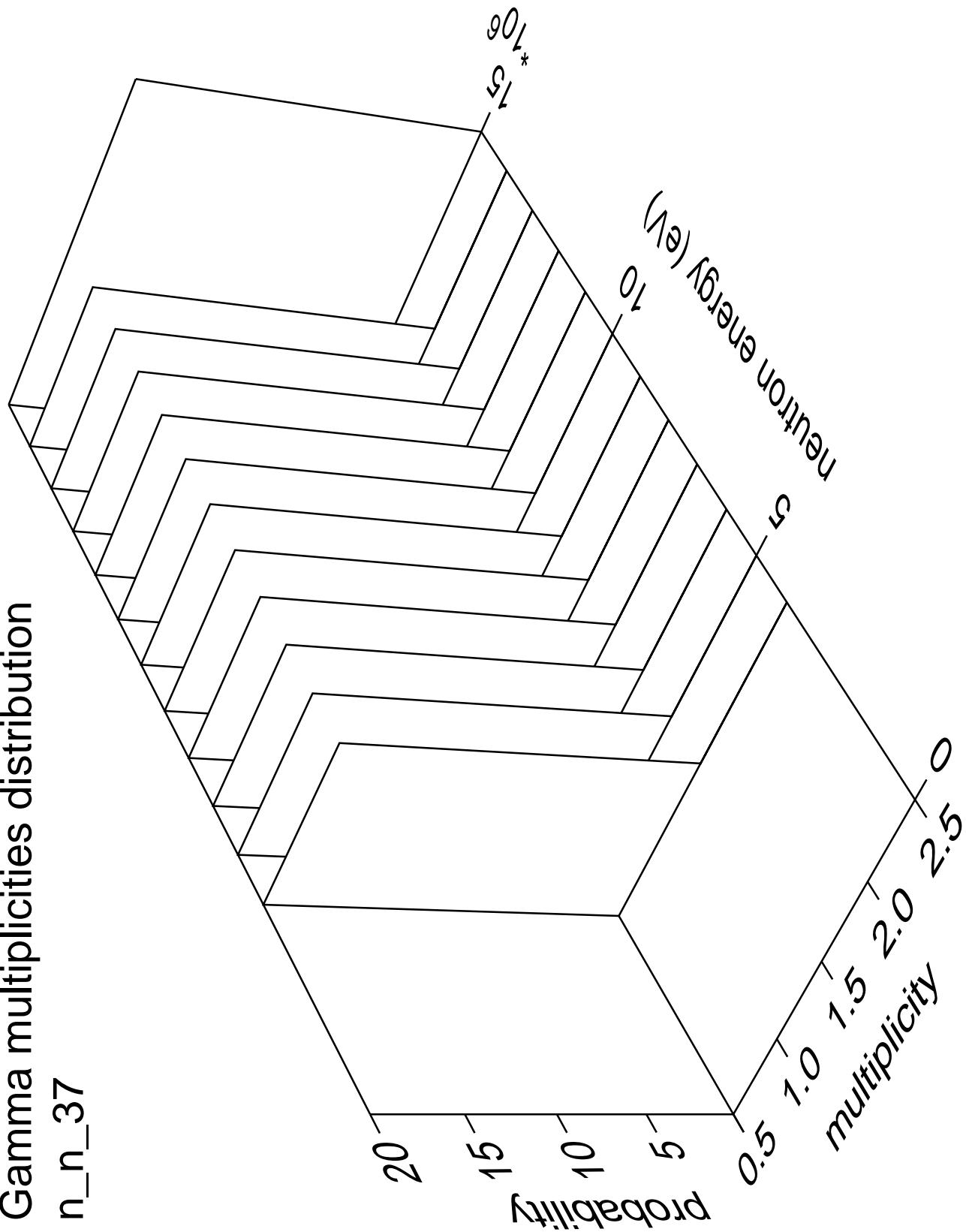


Gamma angles distribution

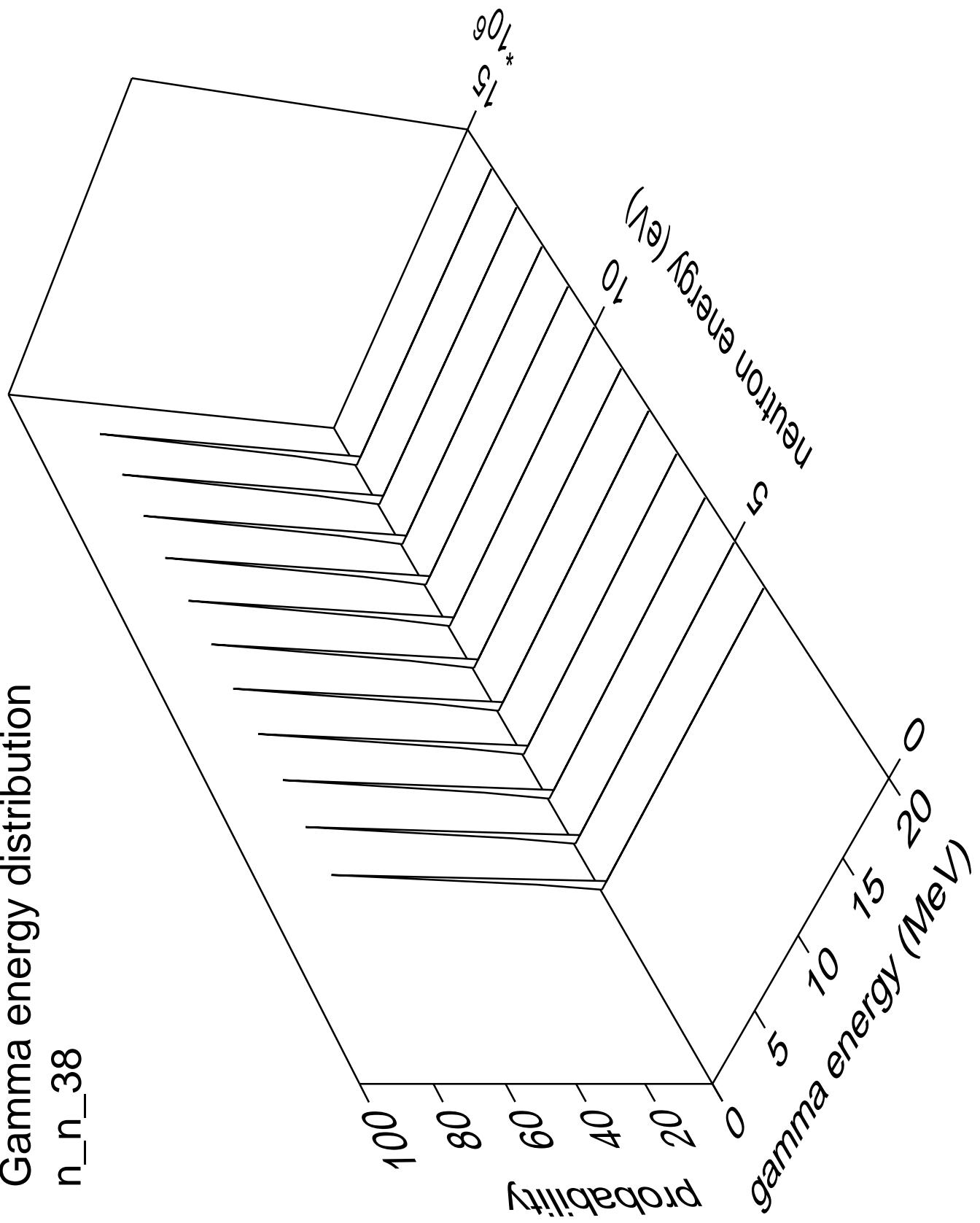
n_n_37



Gamma multiplicities distribution n_n_37

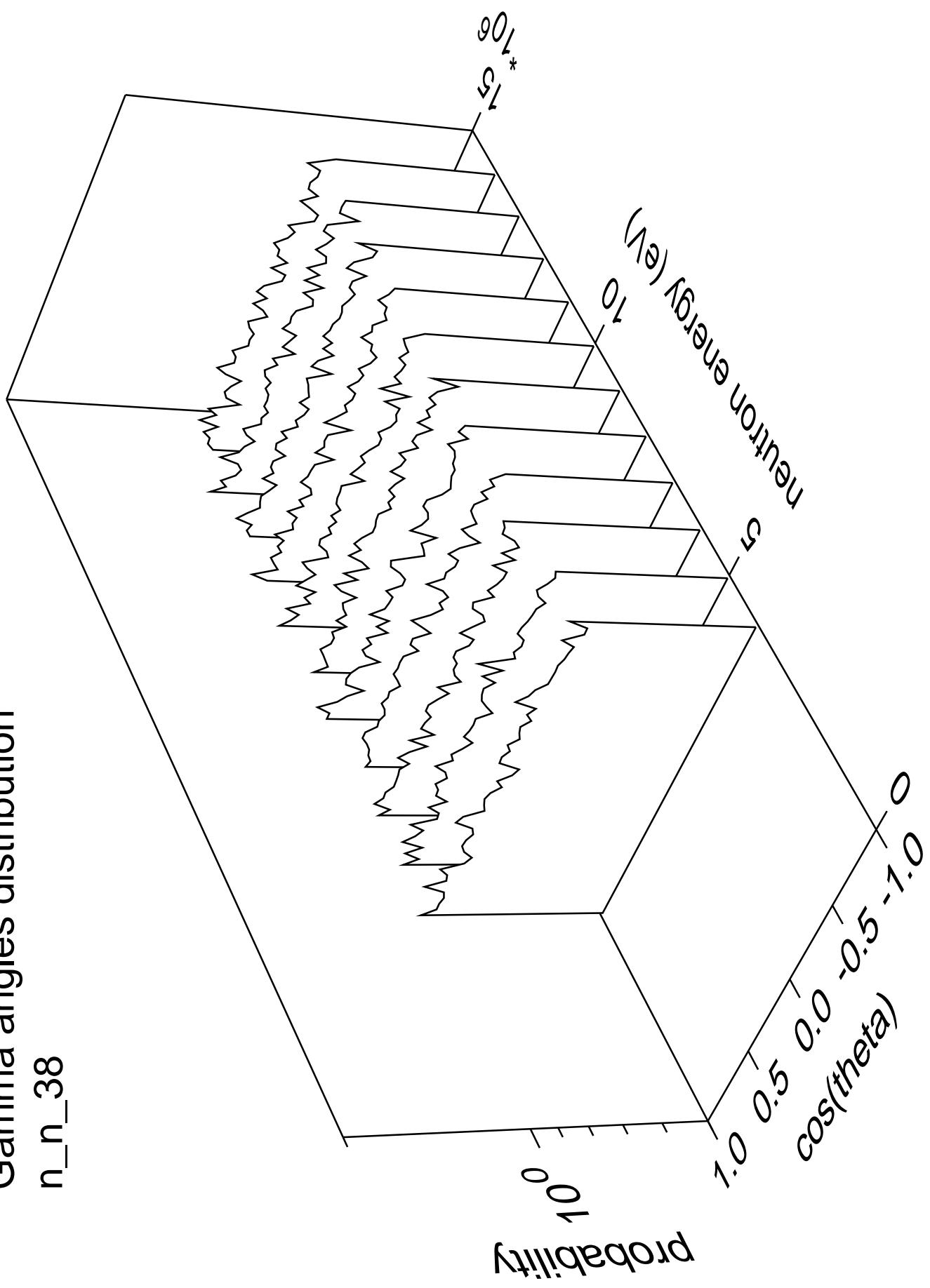


Gamma energy distribution
n_n_38



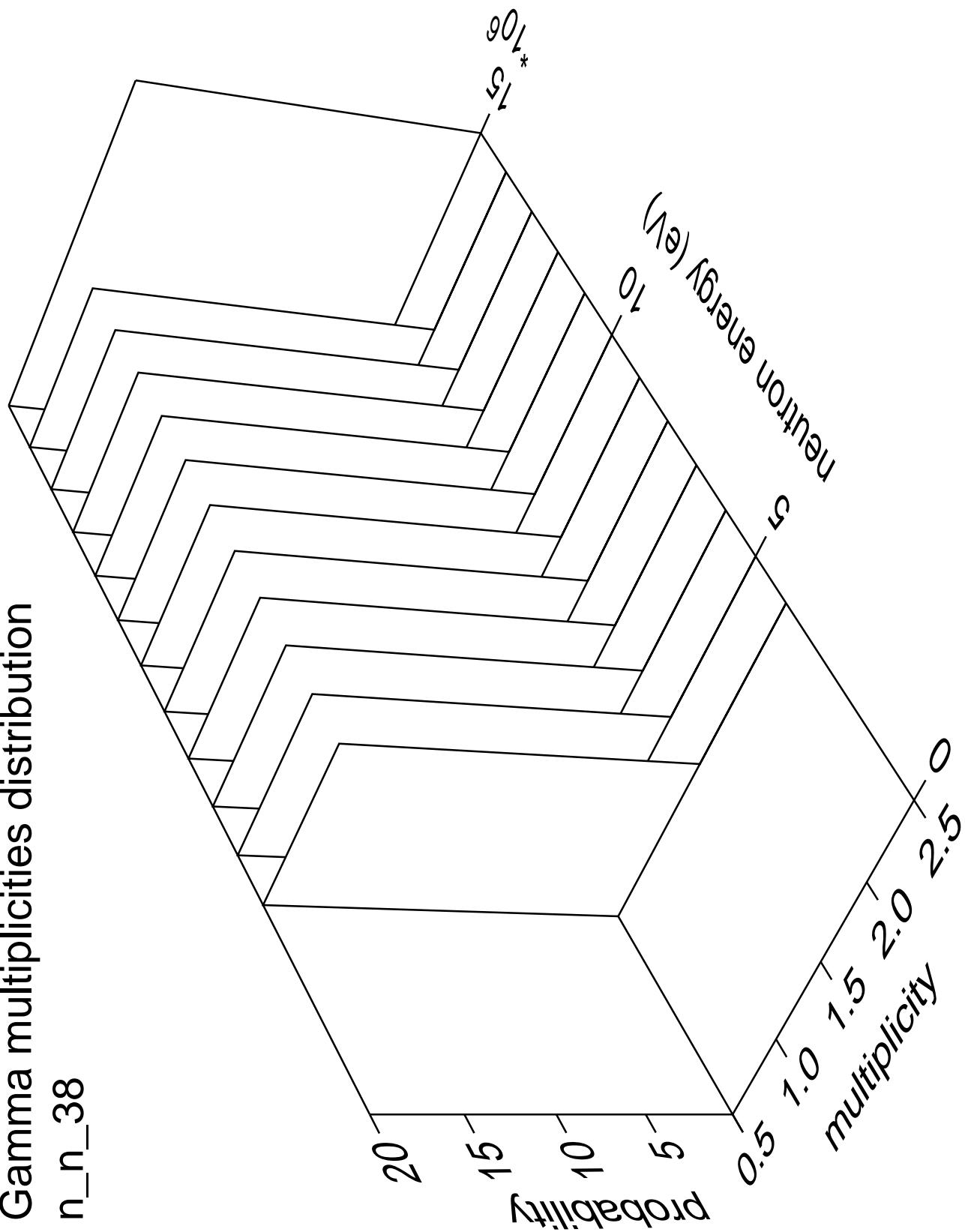
Gamma angles distribution

n_n_38

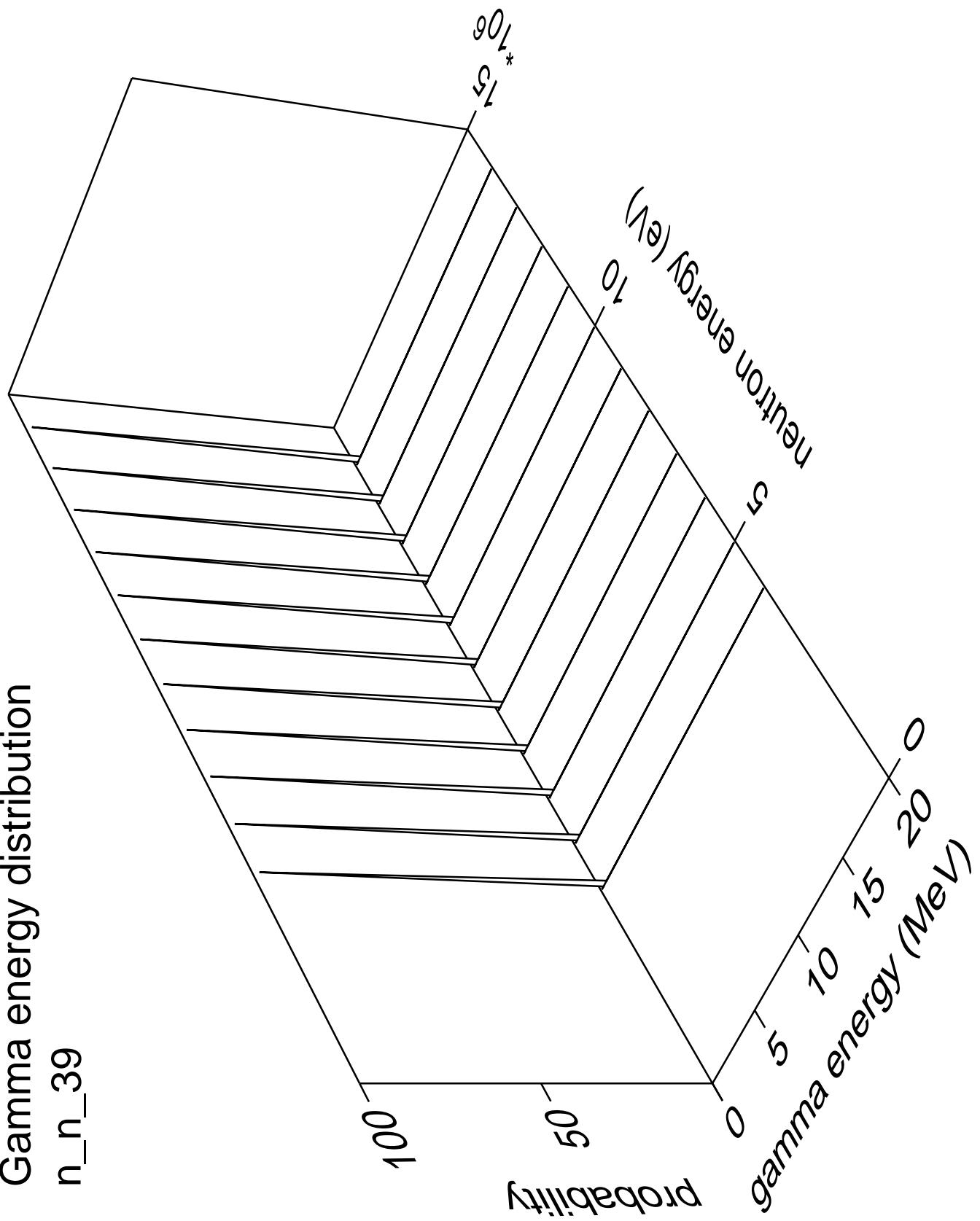


Gamma multiplicities distribution

n_n_38

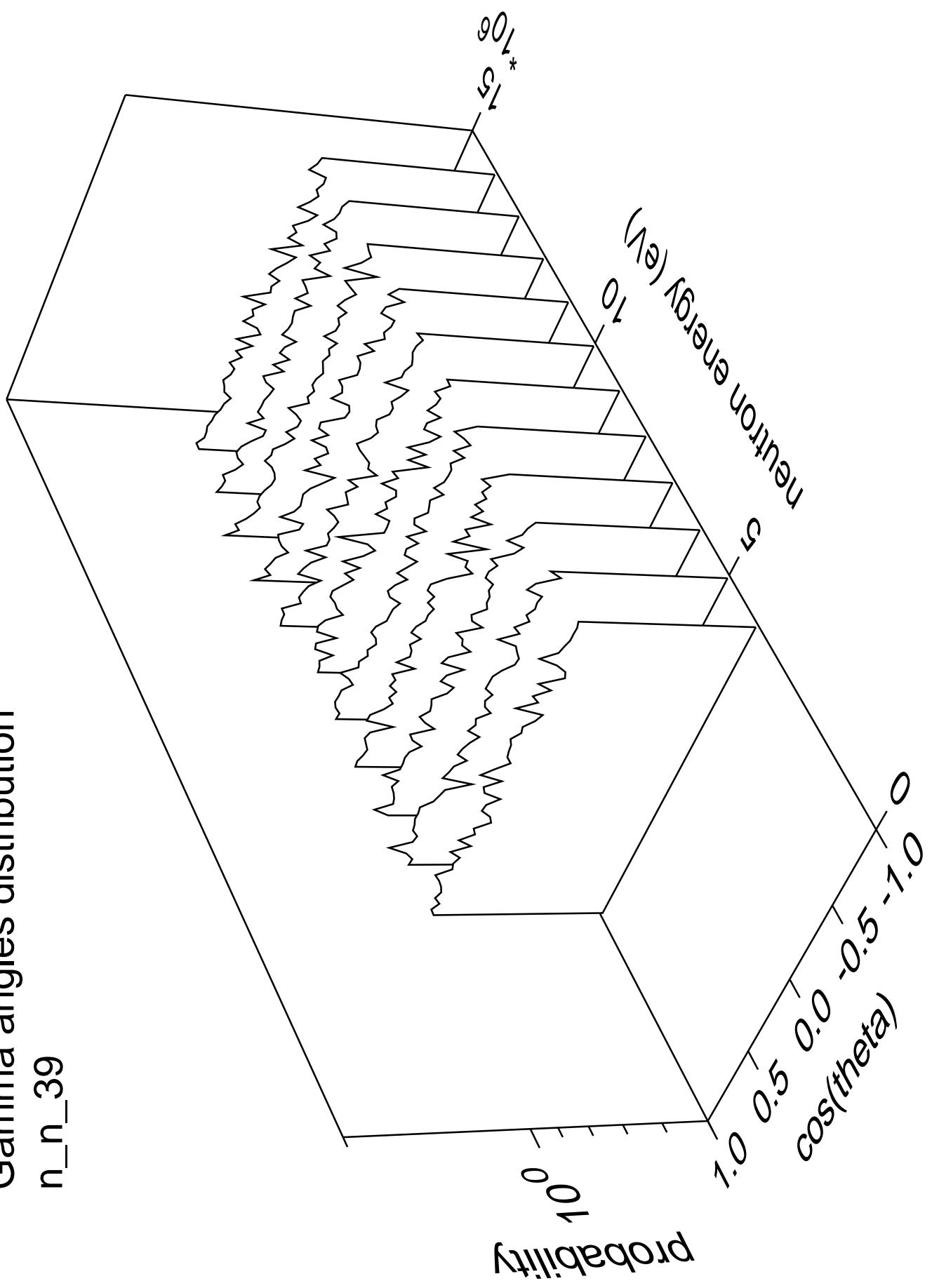


Gamma energy distribution n_n_39



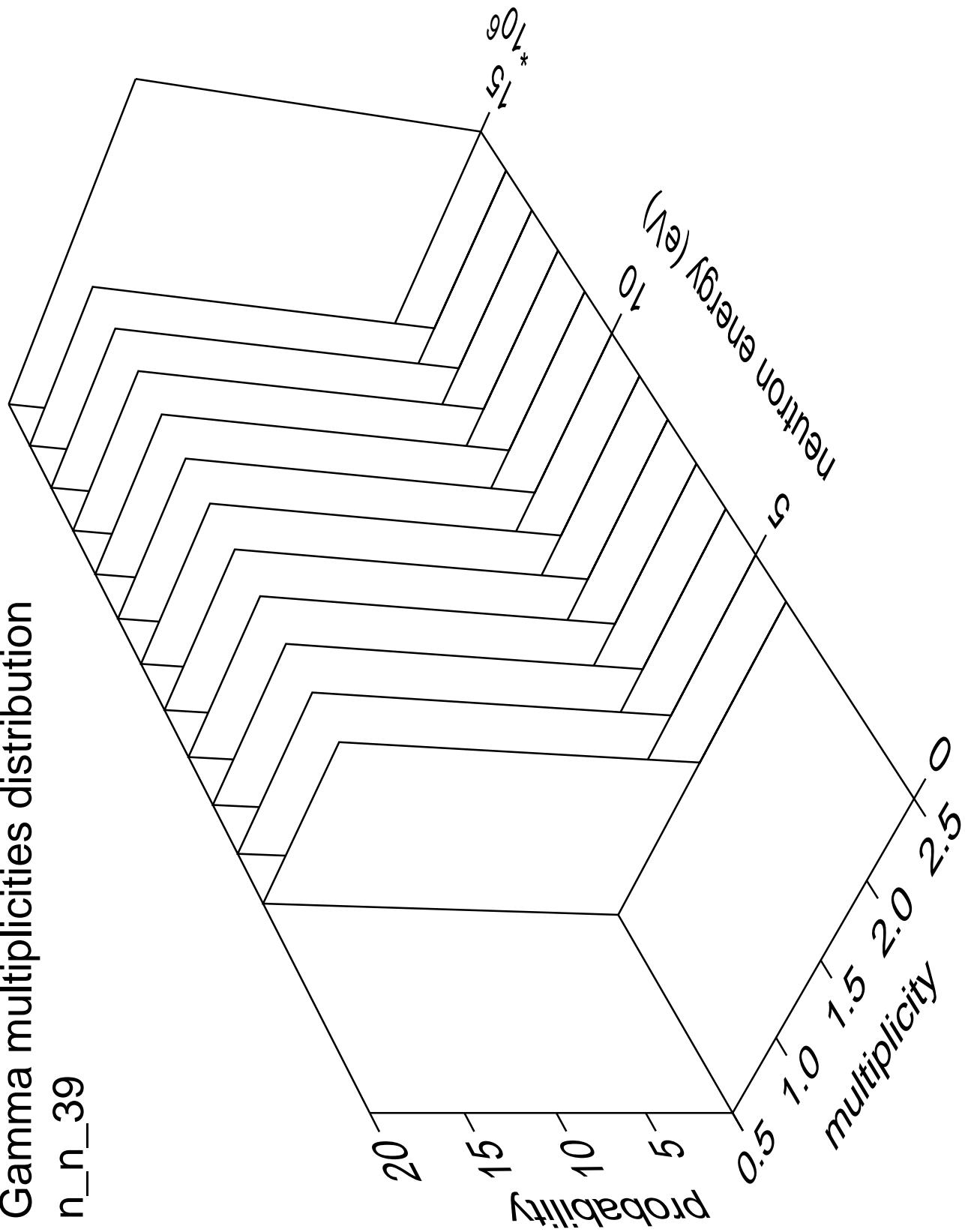
Gamma angles distribution

n_n_39

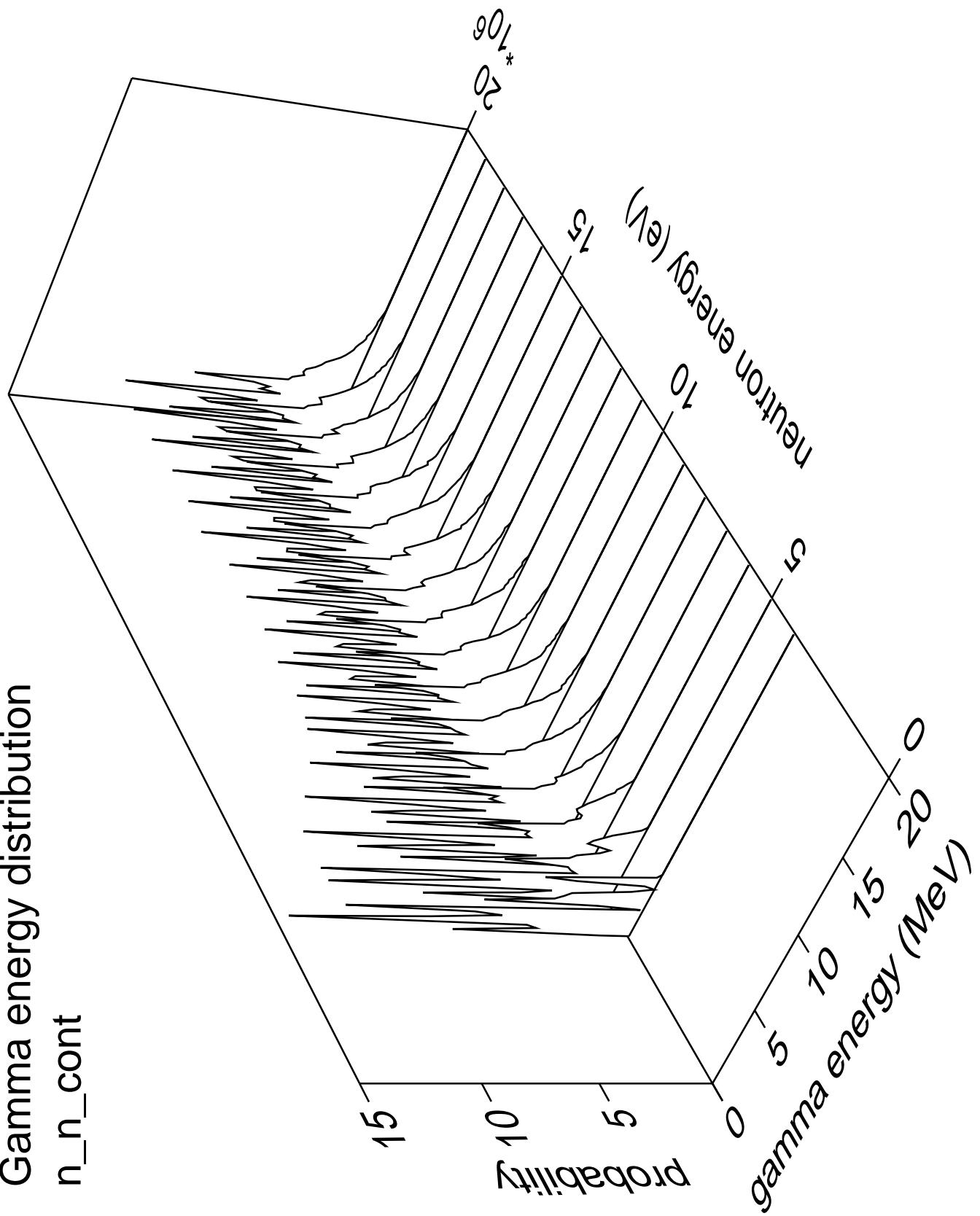


Gamma multiplicities distribution

n_n_39

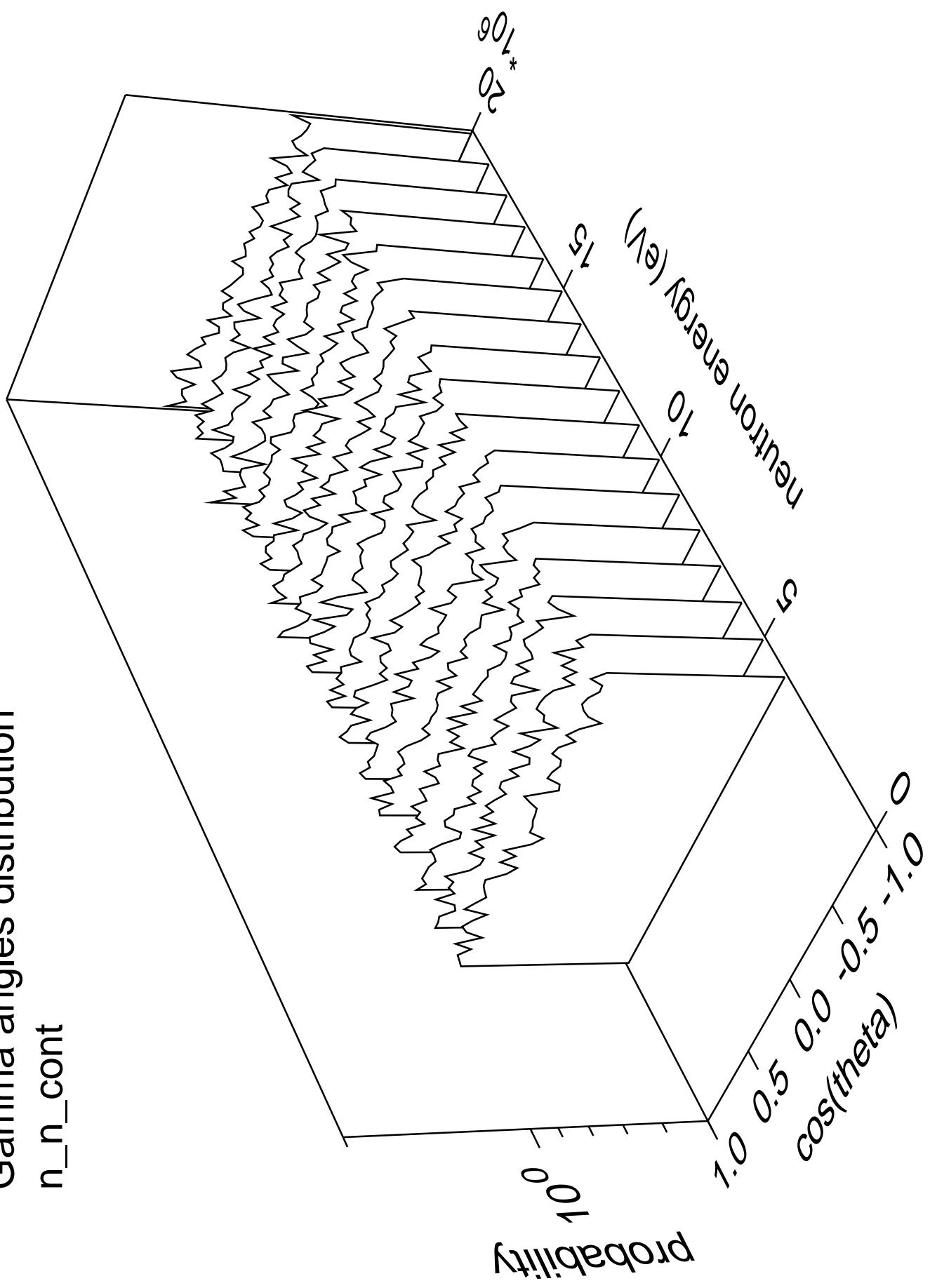


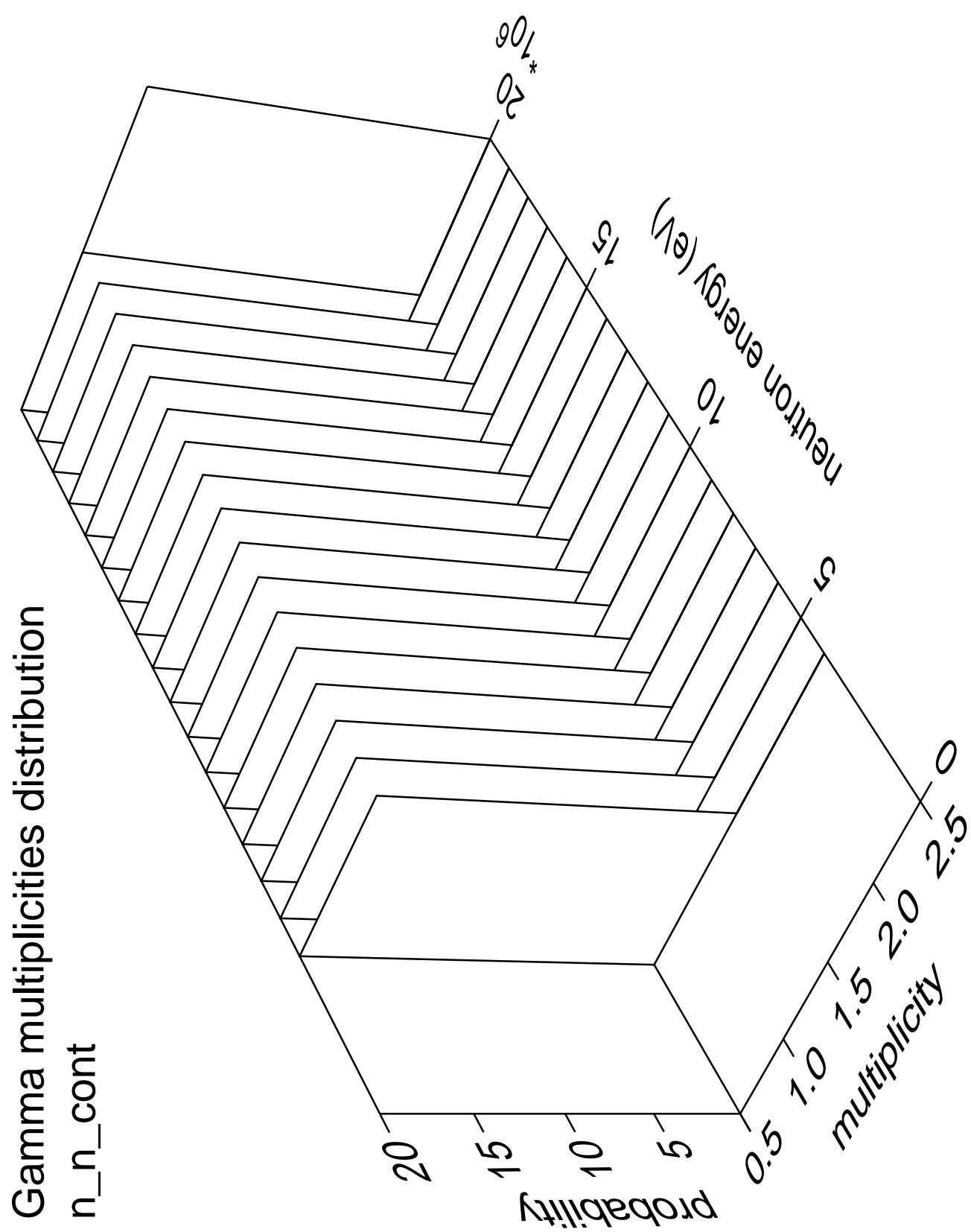
Gamma energy distribution
n_n_cont

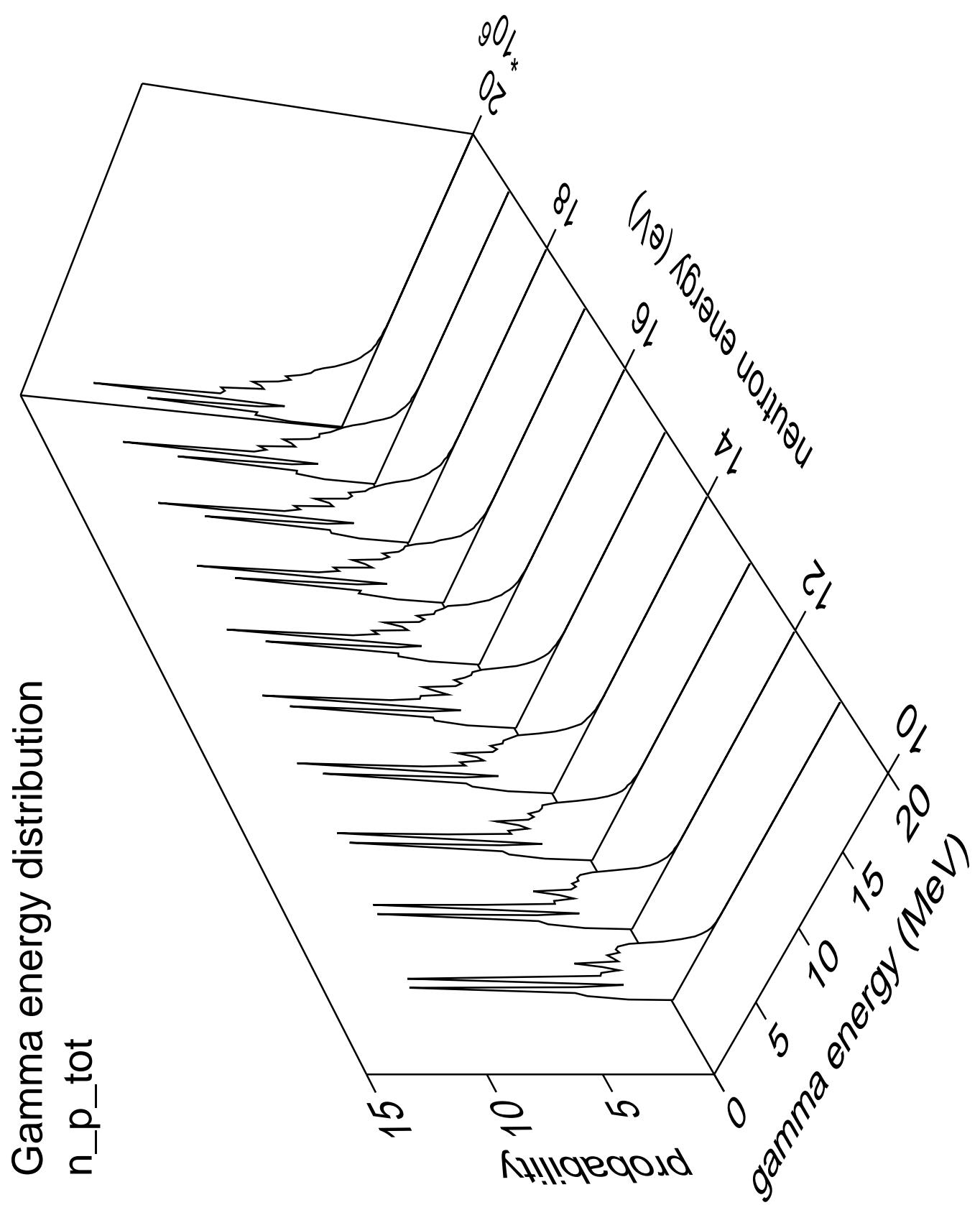


Gamma angles distribution

n_n_cont







Gamma angles distribution

n_p_{tot}

Probability

10^0

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

neutron energy (eV)

14

2

10^6

20

18

16

14

12

10

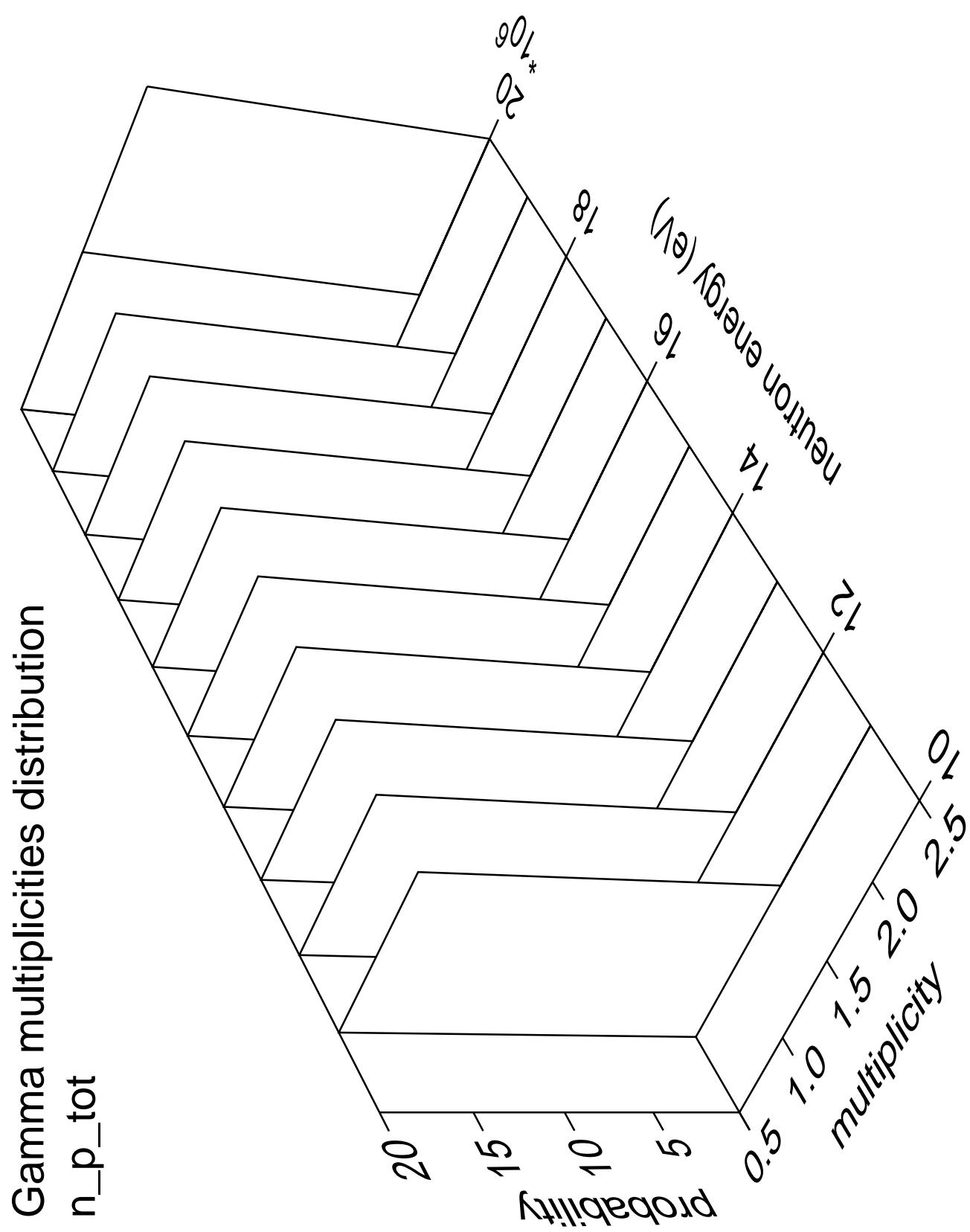
8

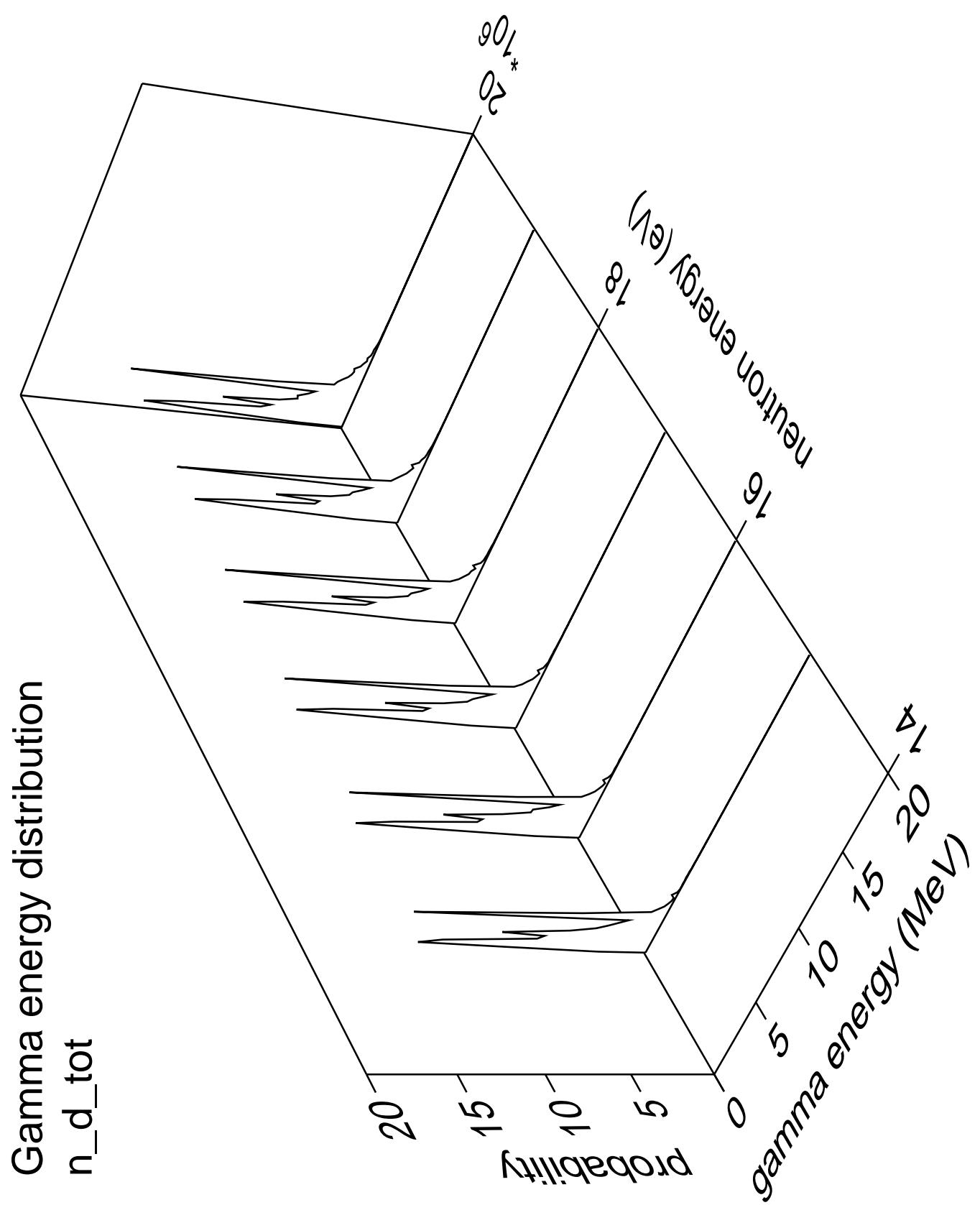
6

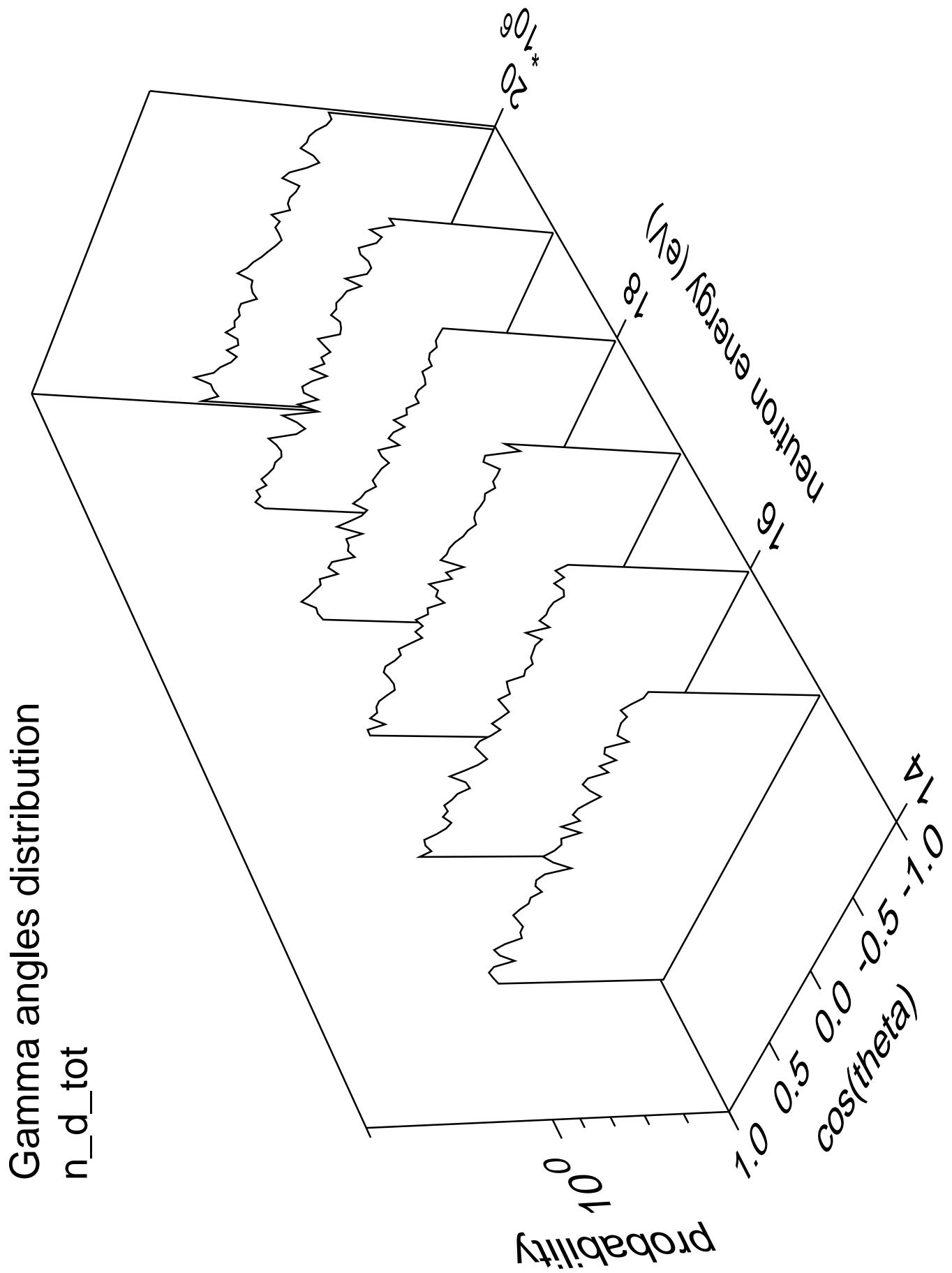
4

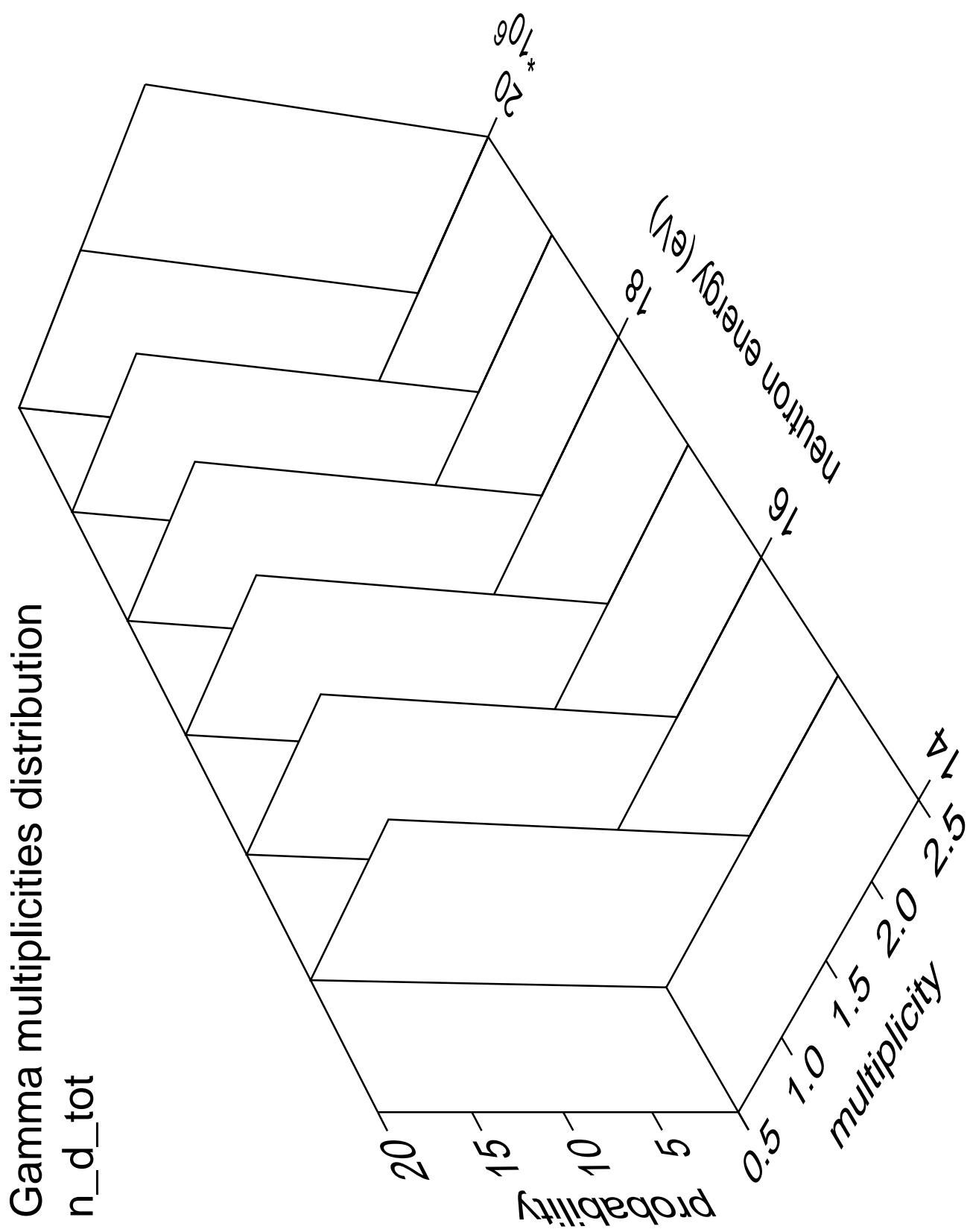
2

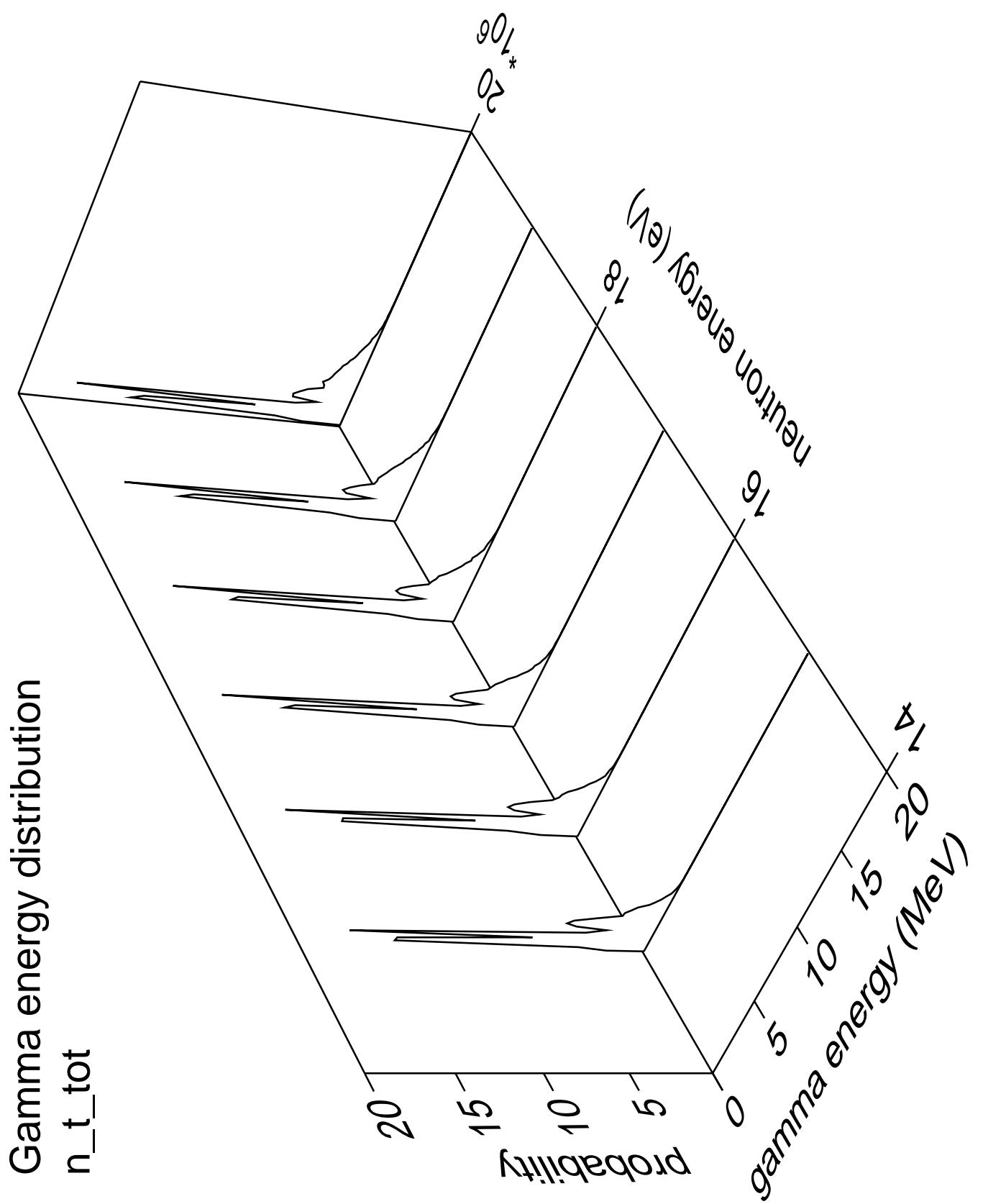
0

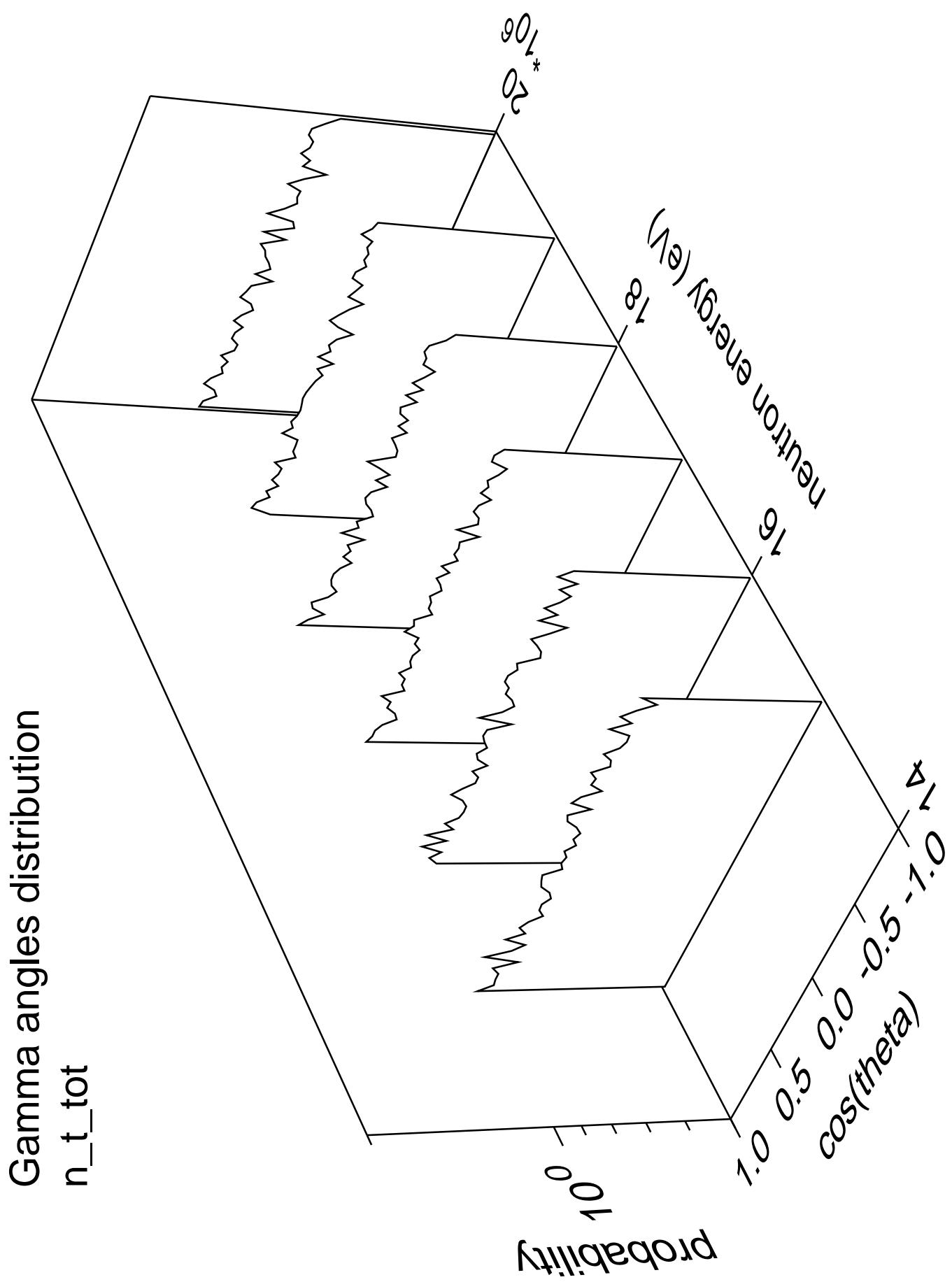












Gamma multiplicities distribution

n_t_{tot}

20

15

10

5

0.5

Probability

1.0
1.5
2.0
2.5
multiplicity

4

2.5

1.5

1.0

0.5

0.5

1.0

1.5

2.0

2.5

3.0

3.5

4.0

4.5

5.0

5.5

6.0

6.5

7.0

7.5

8.0

8.5

9.0

9.5

10.0

Neutron energy (eV)

16

18

20

22

24

26

28

30

32

34

36

38

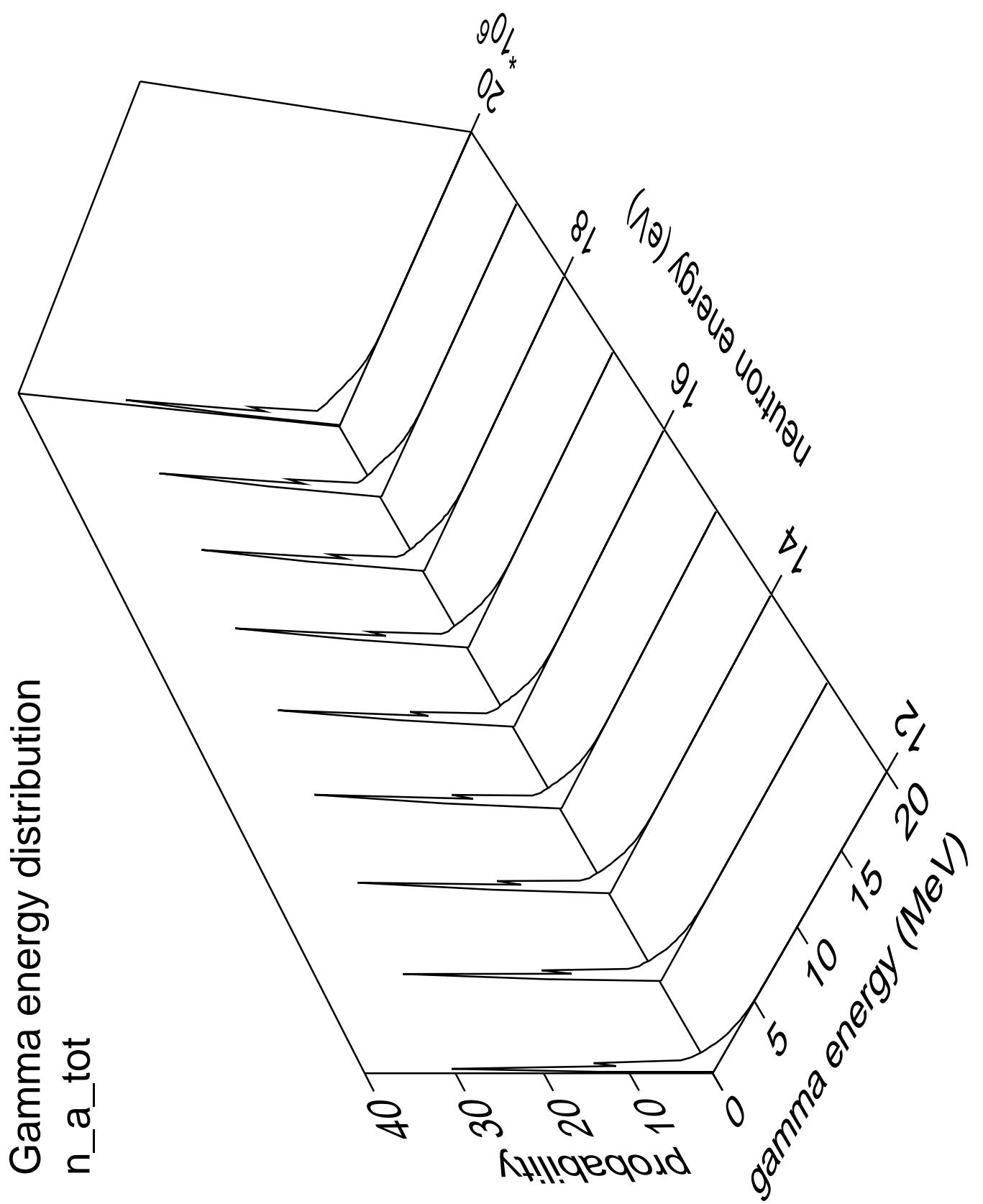
40

42

44

46

48



Gamma angles distribution
 n_a_{tot}

