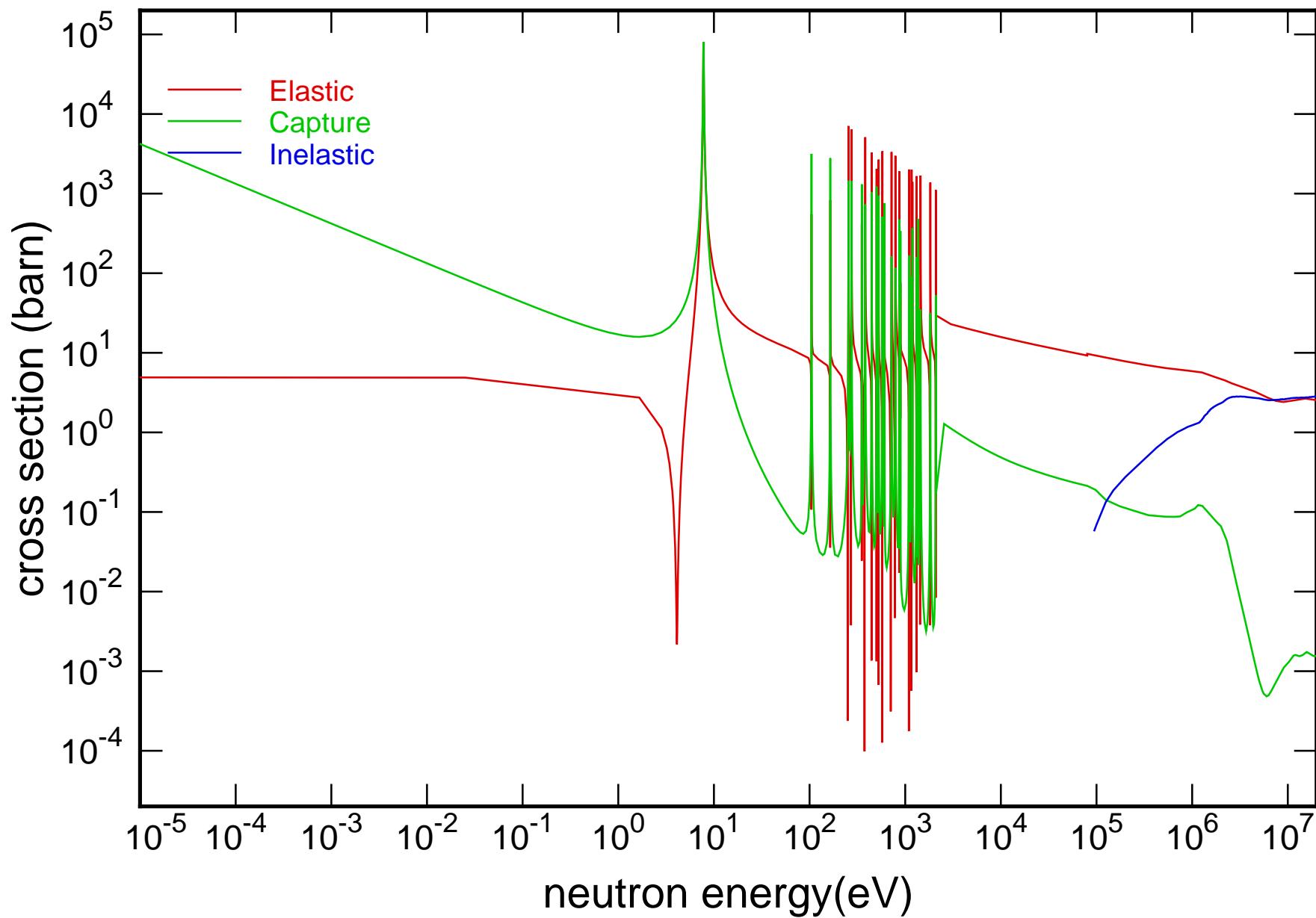
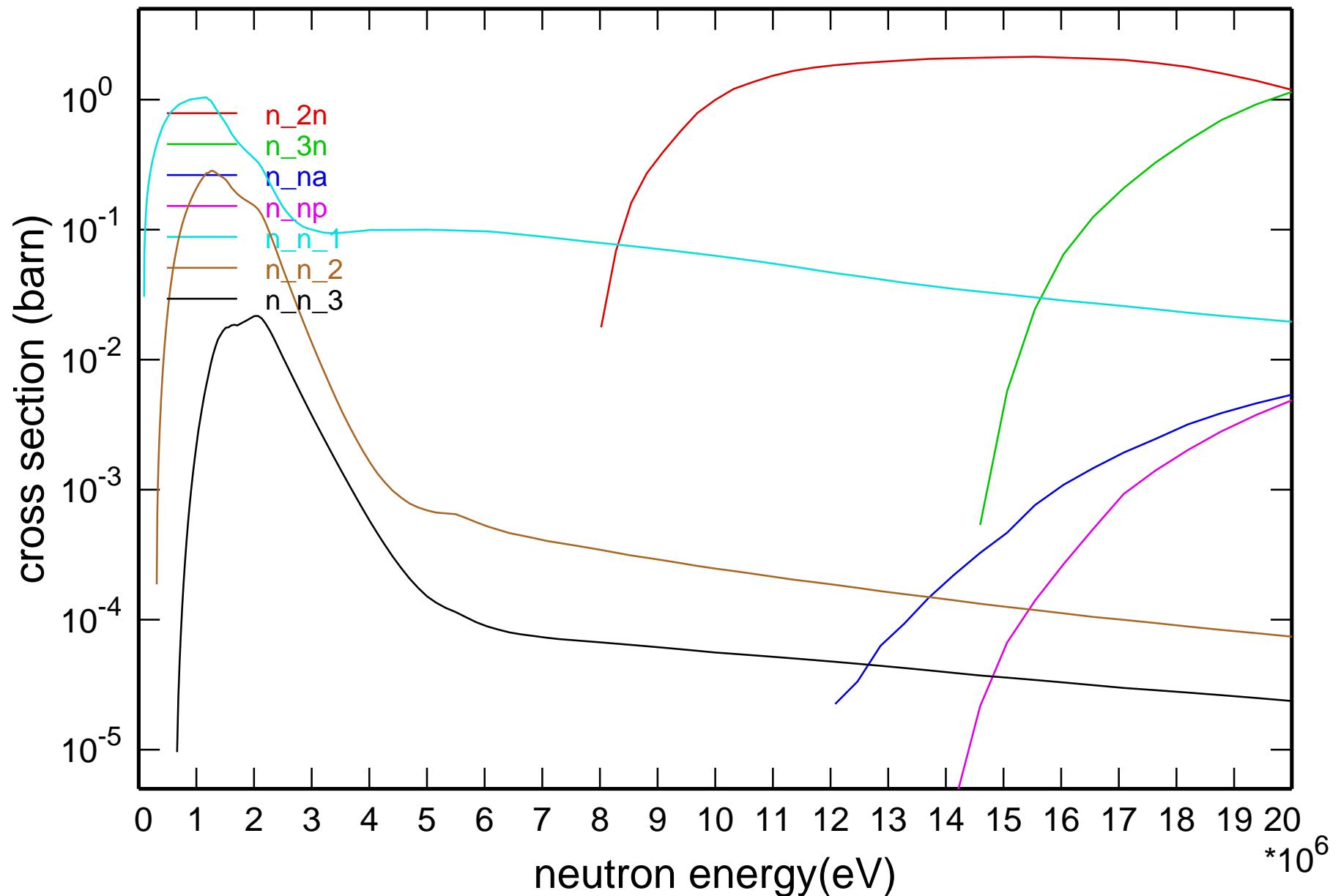


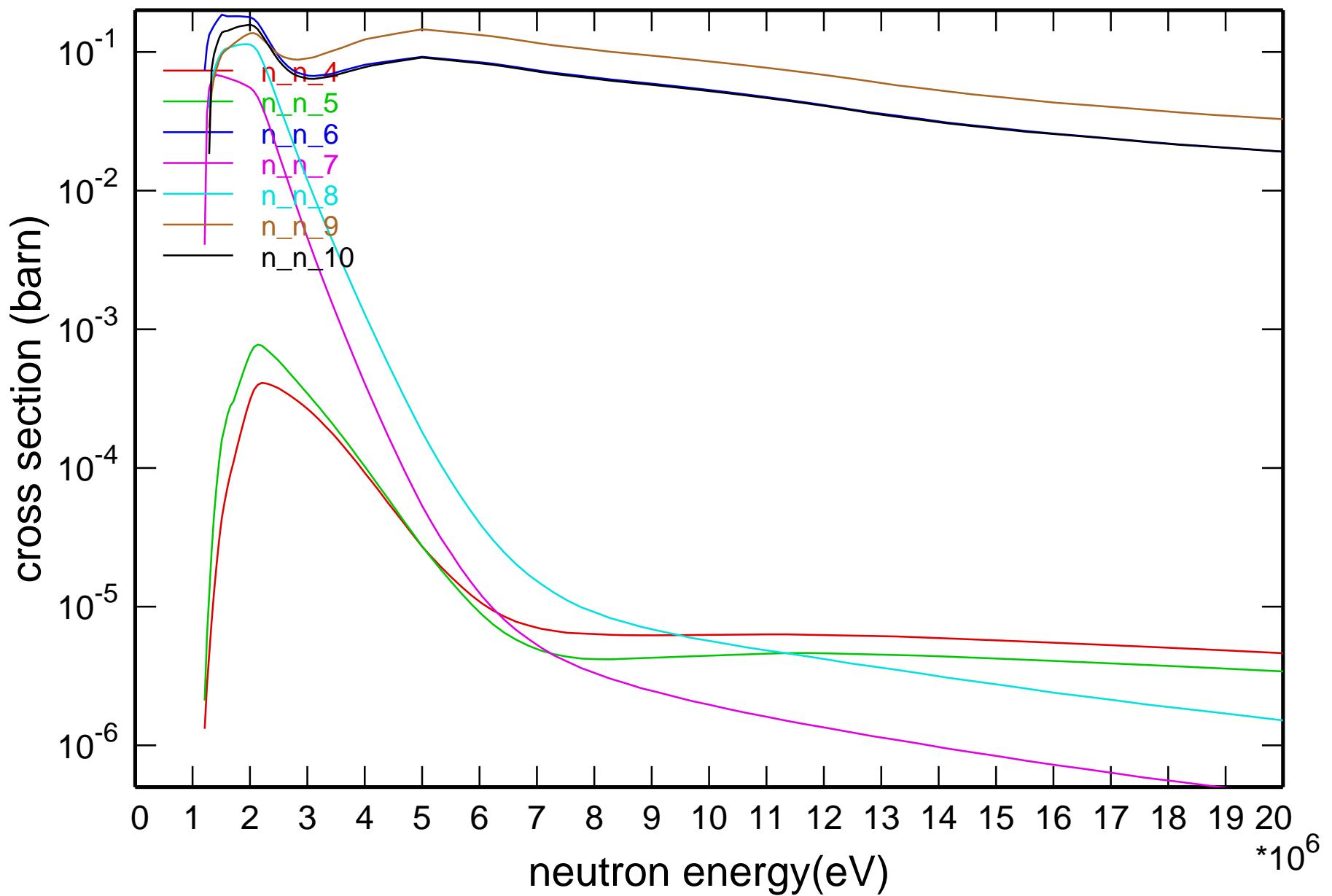
Main Cross Sections



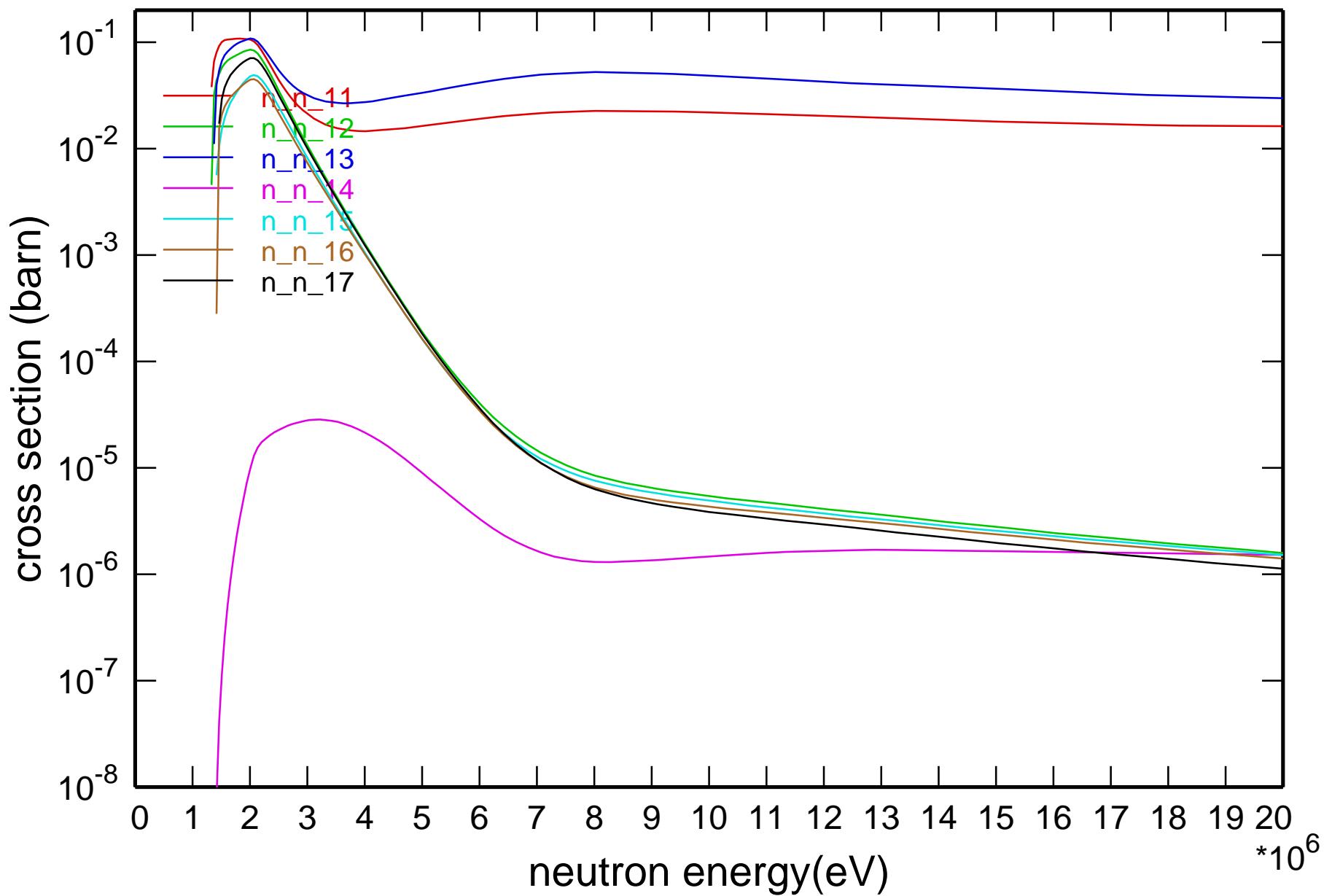
Cross Section



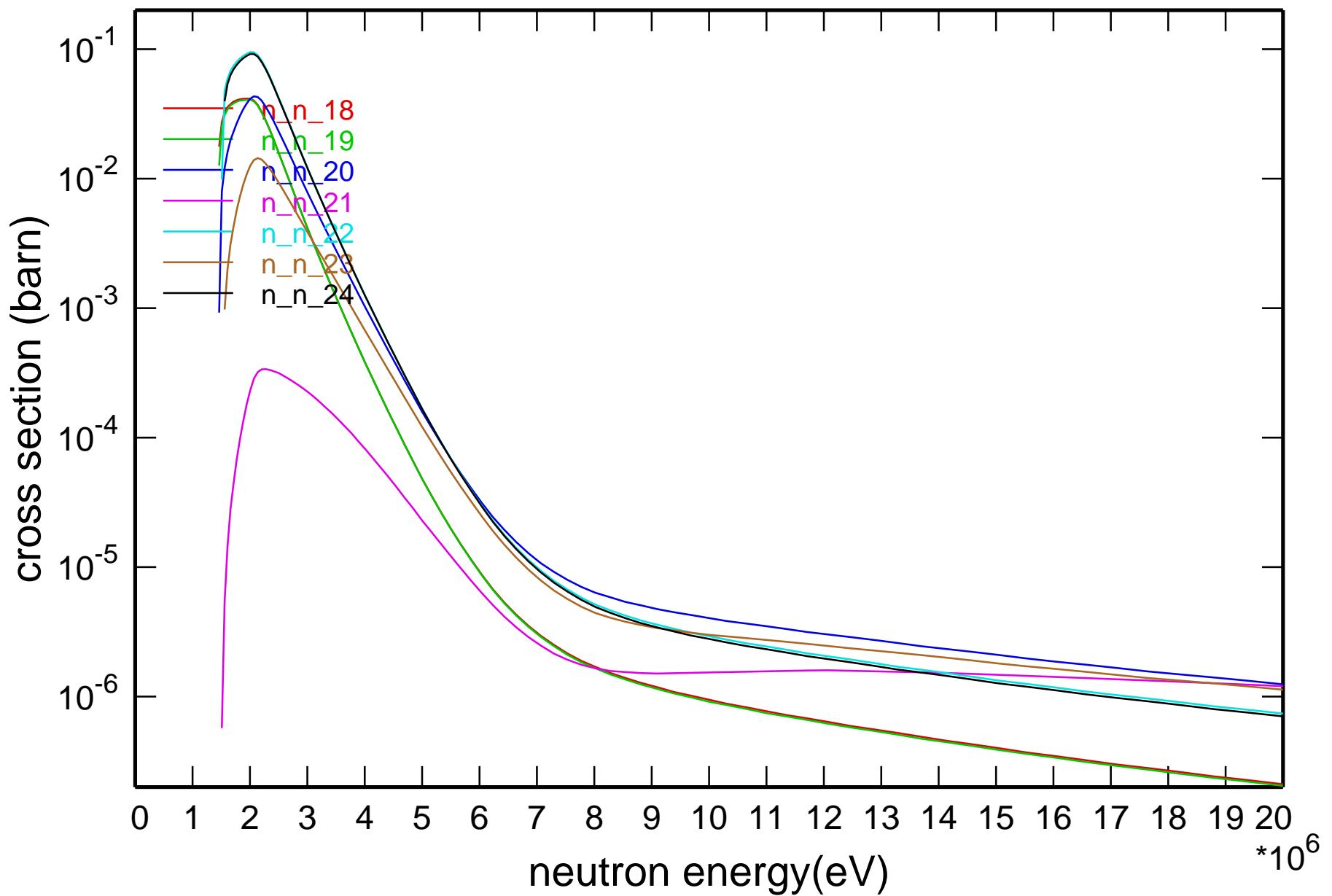
Cross Section

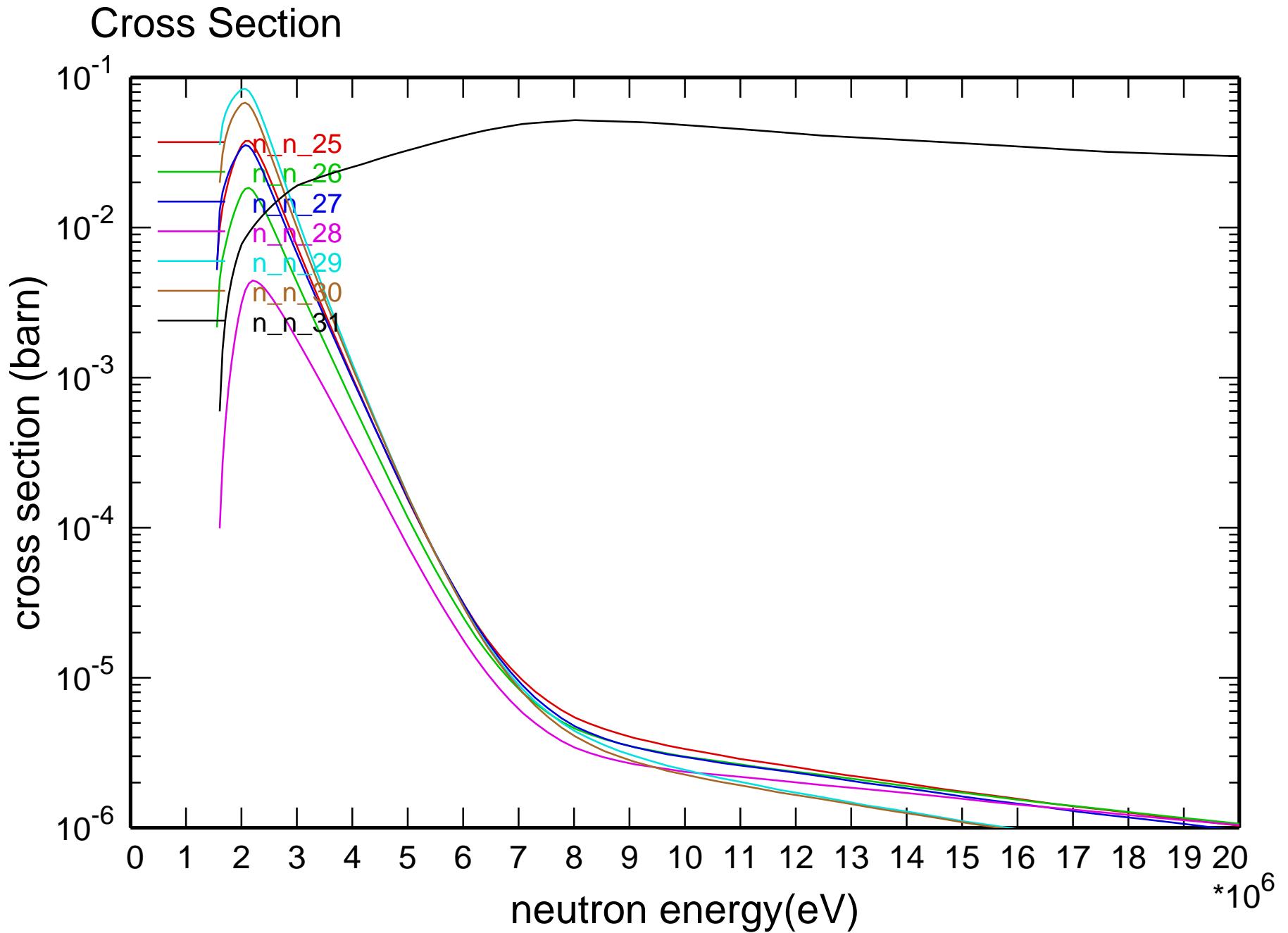


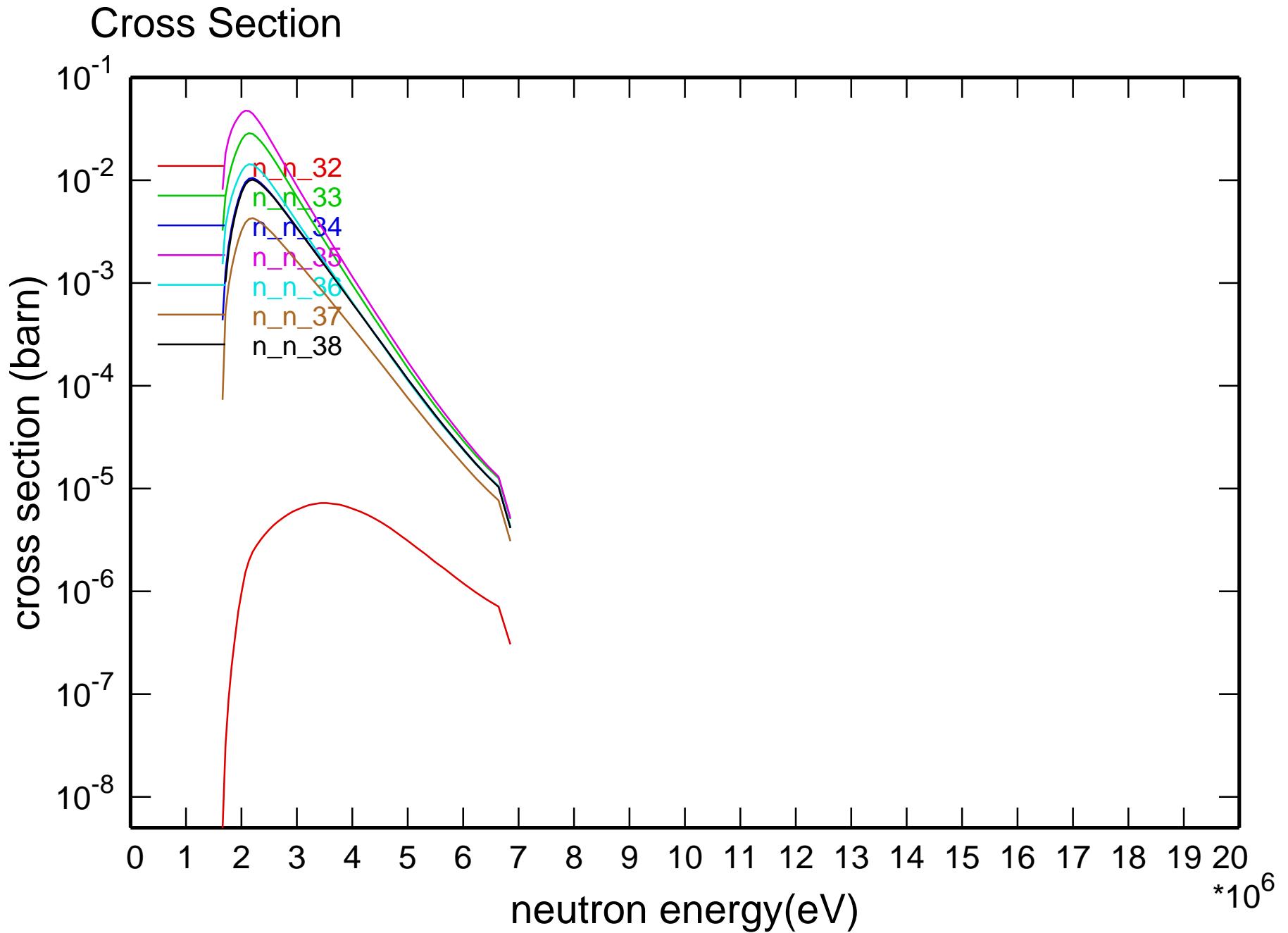
Cross Section



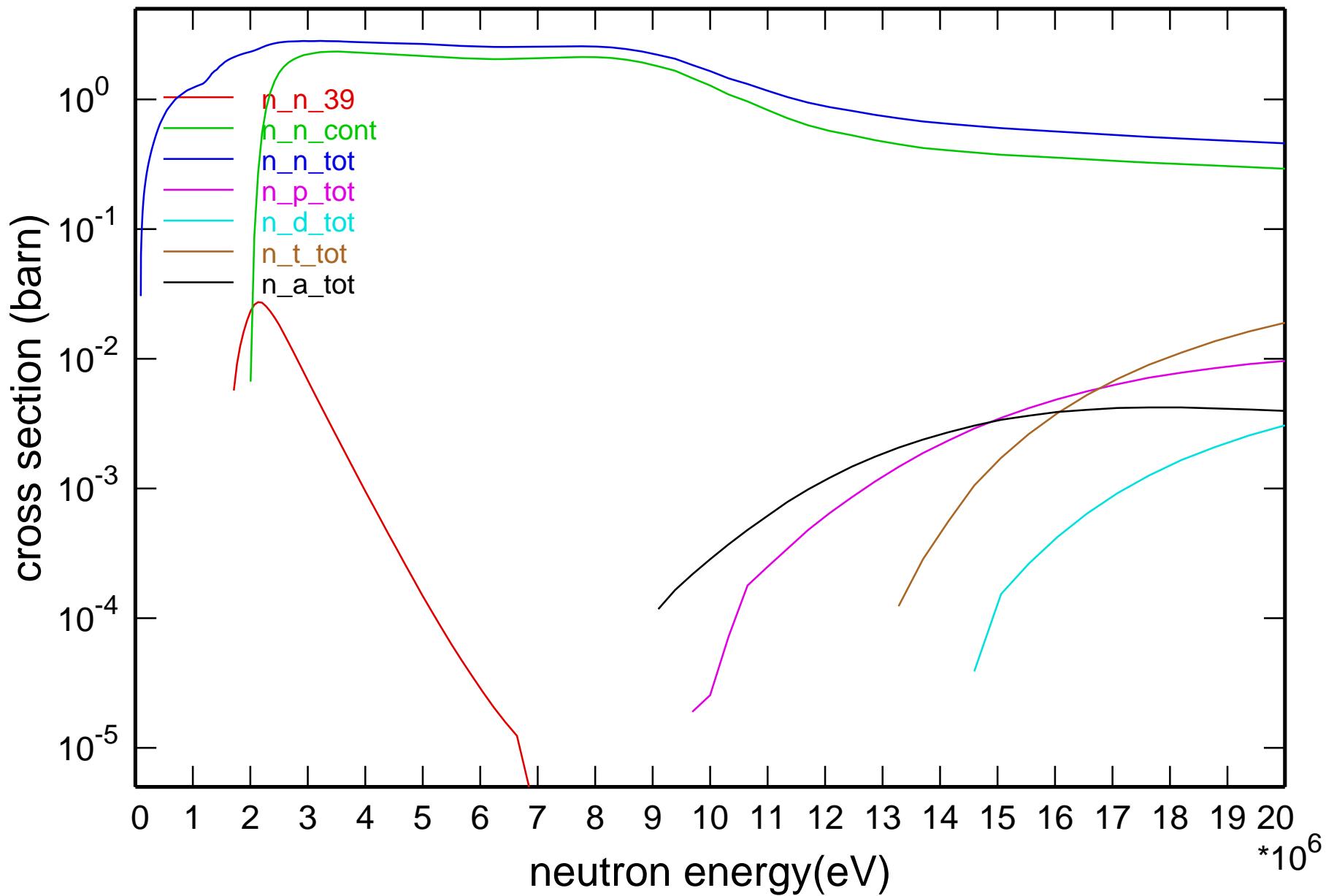
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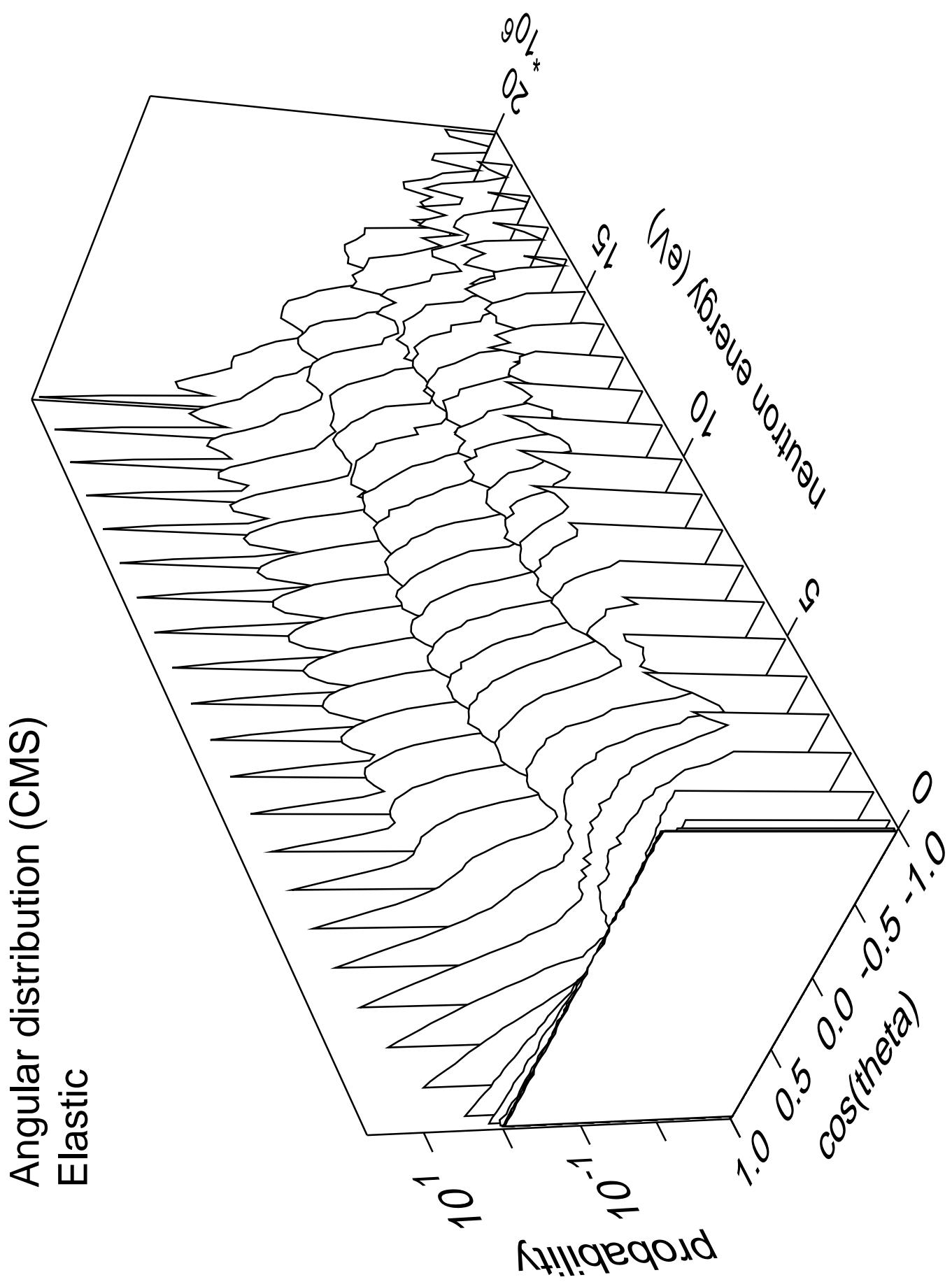


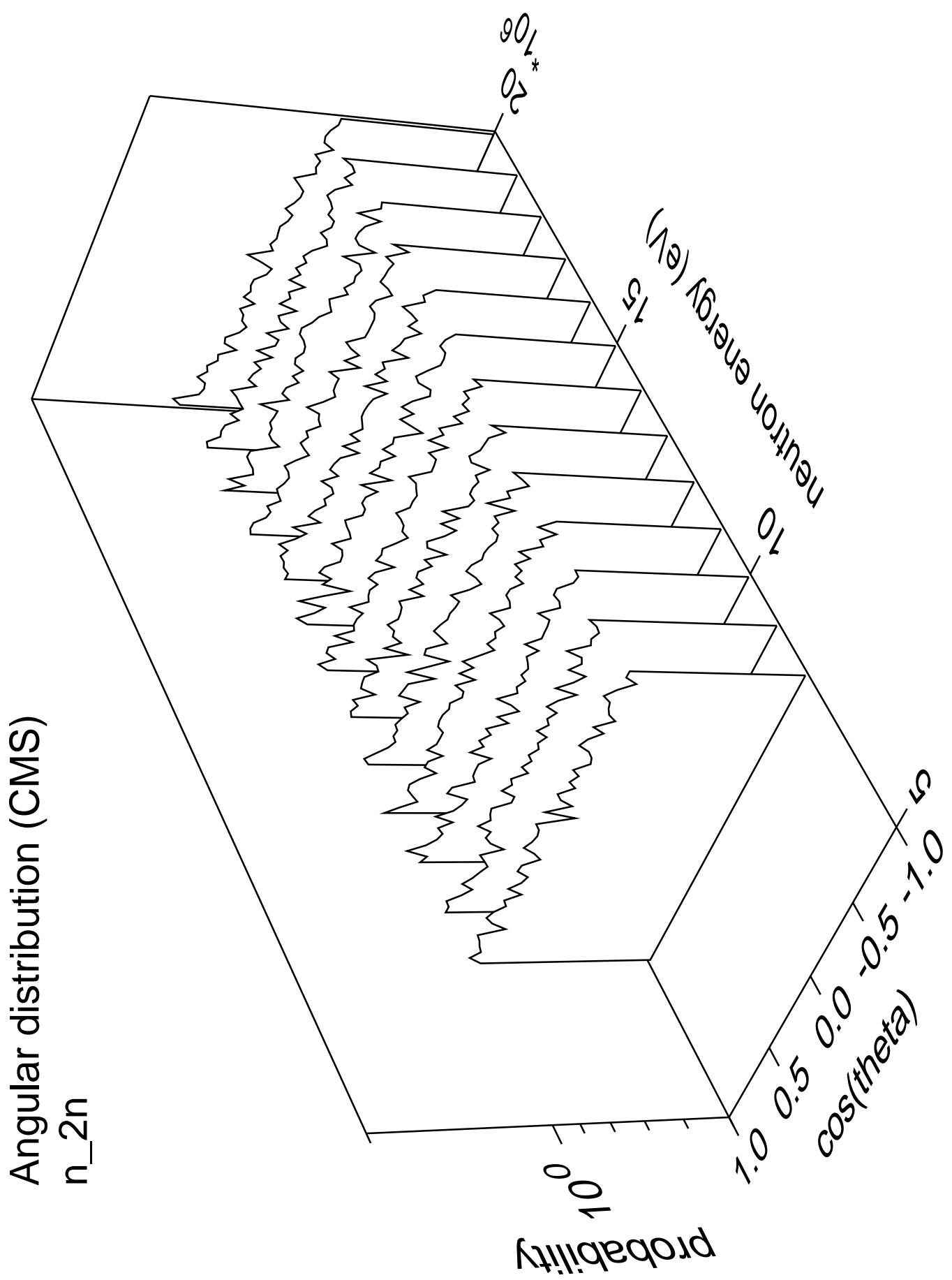


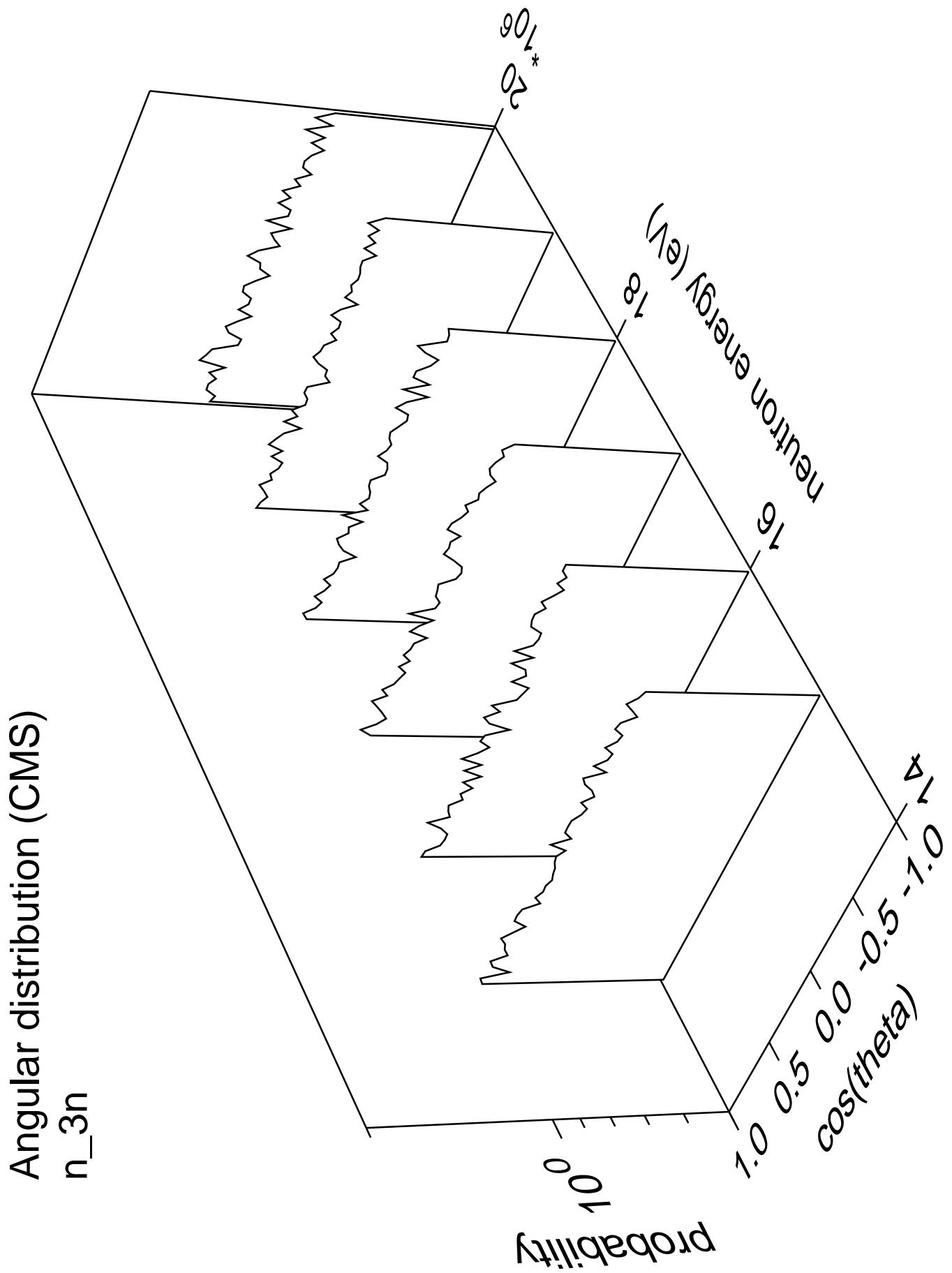


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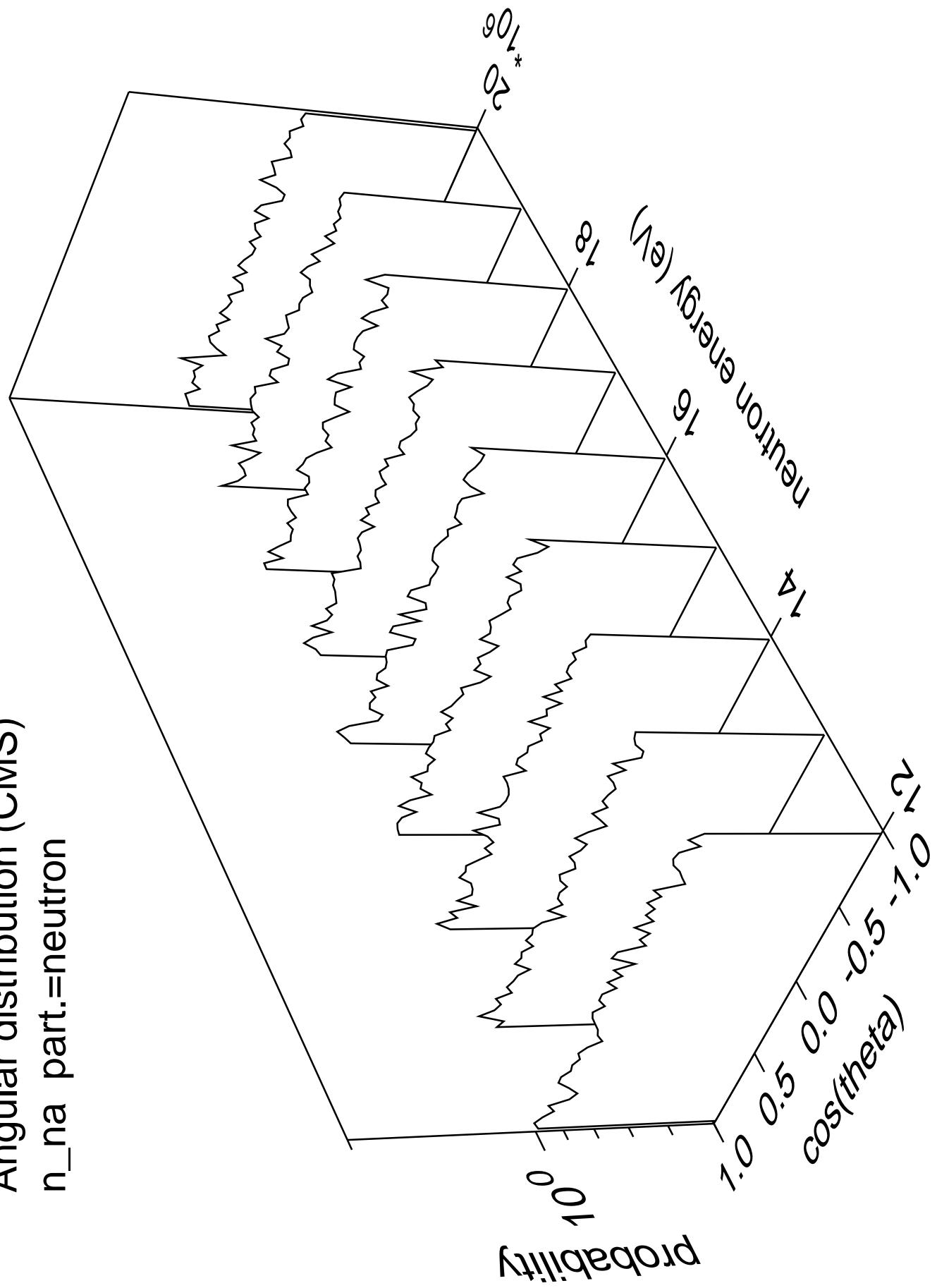




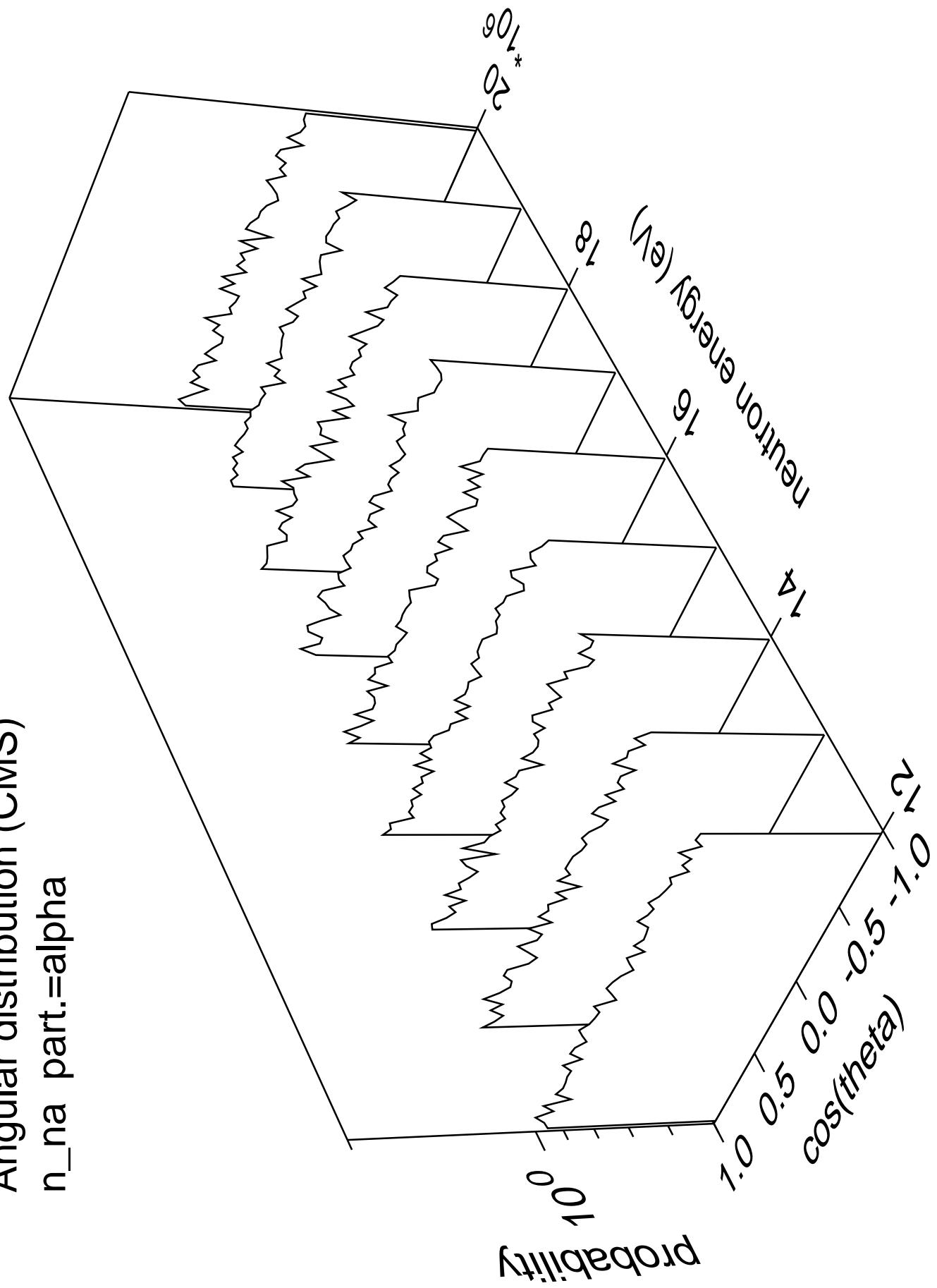


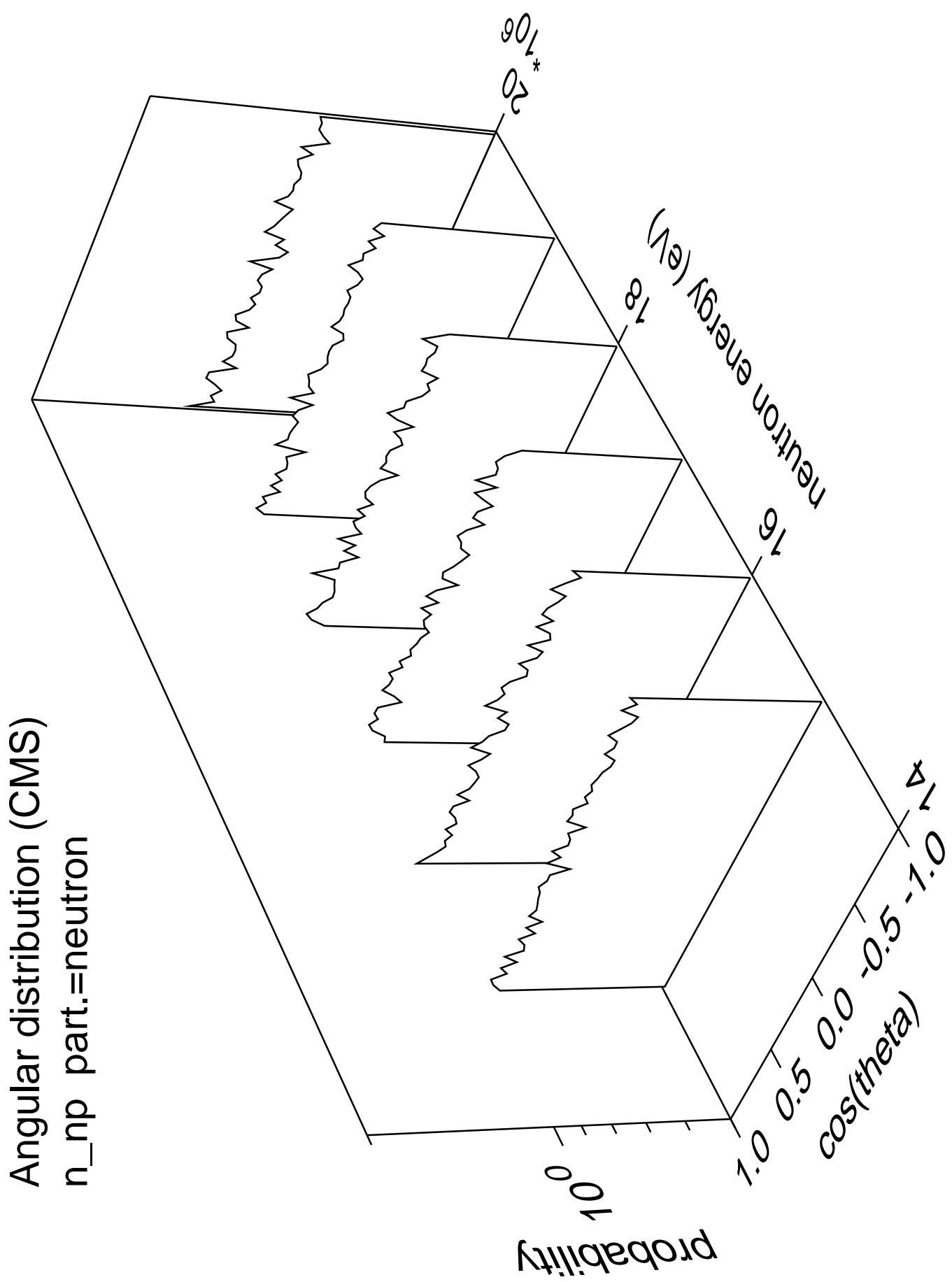


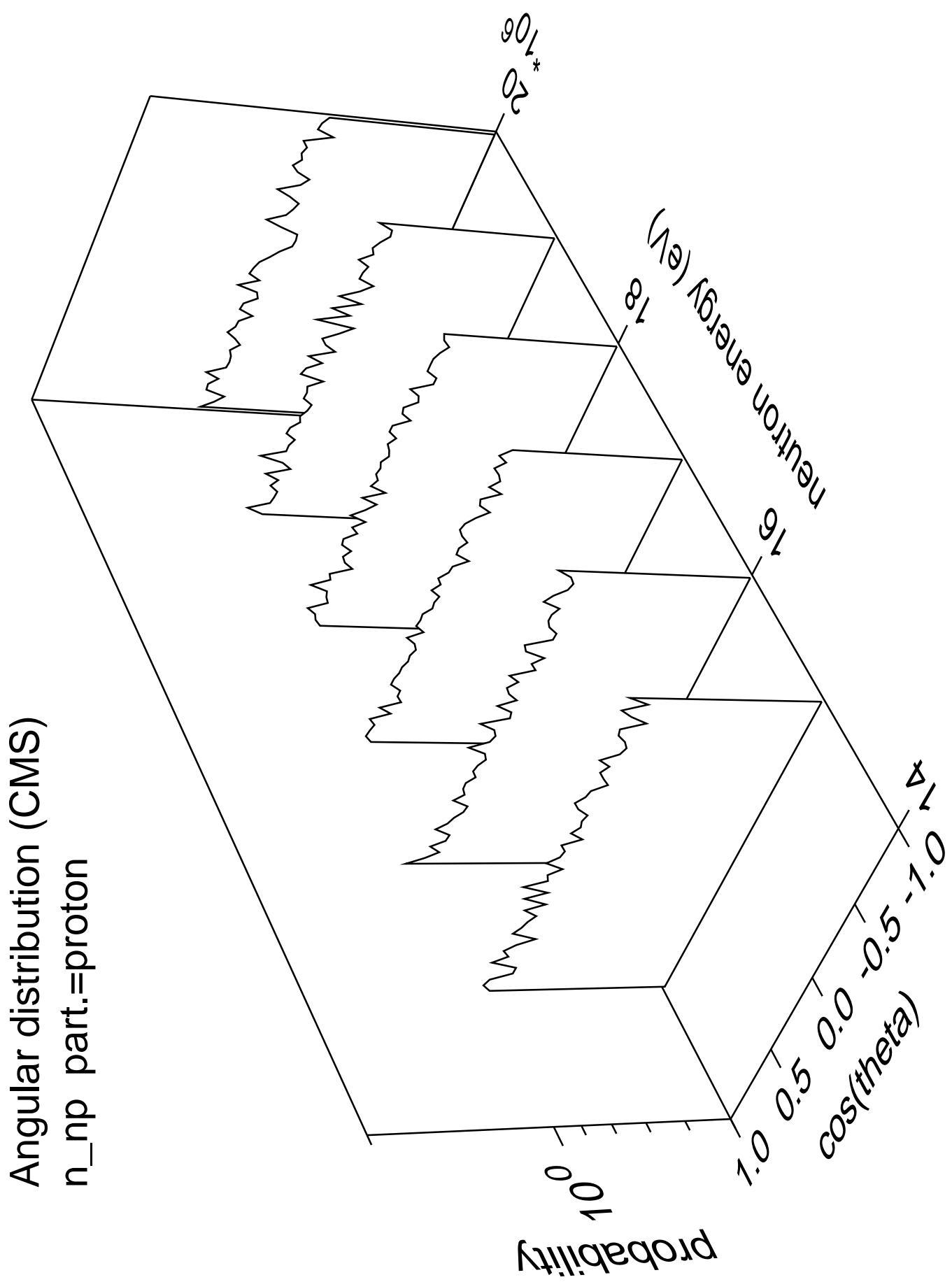
Angular distribution (CMS)
 n_{na} part.=neutron

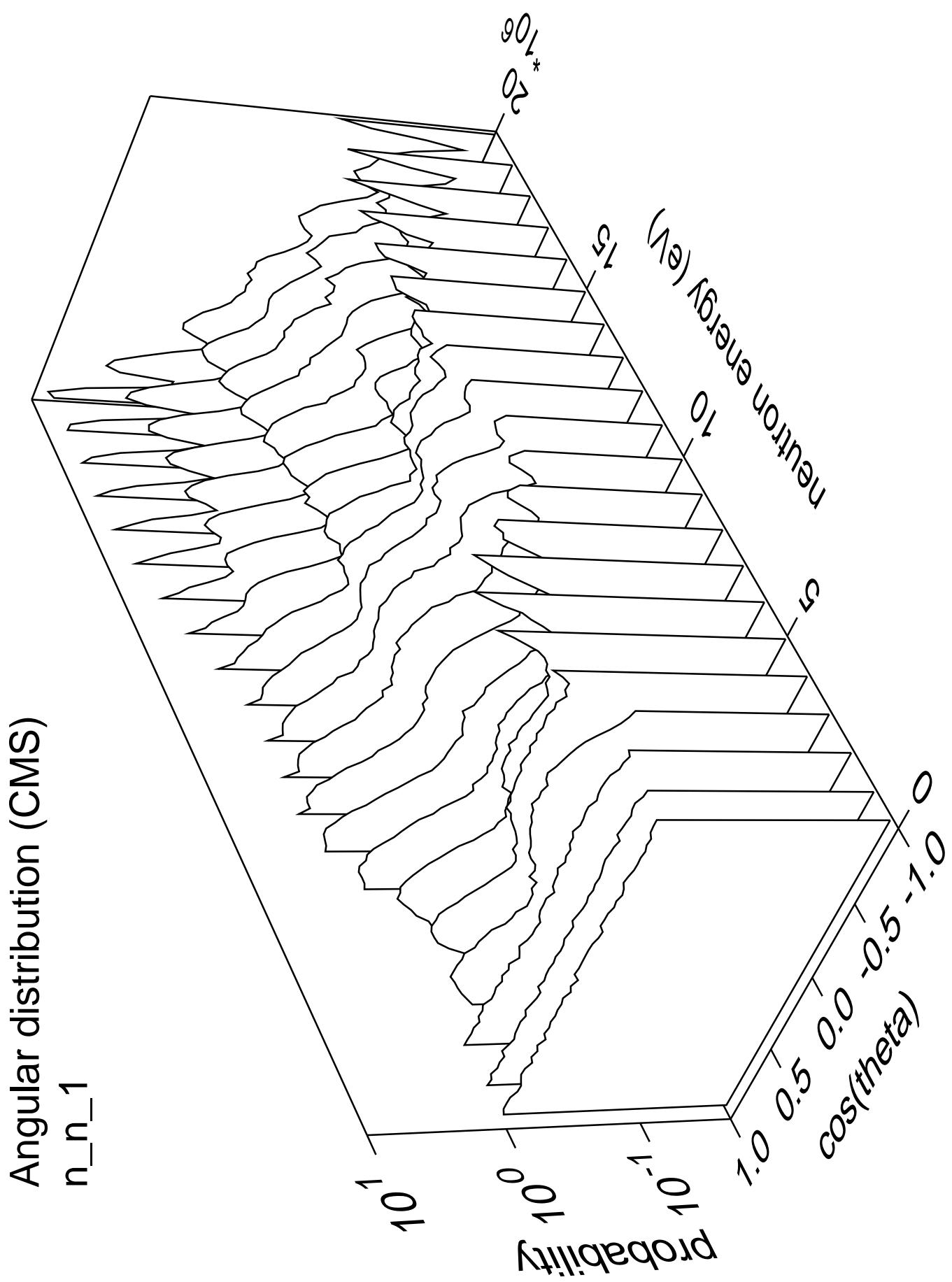


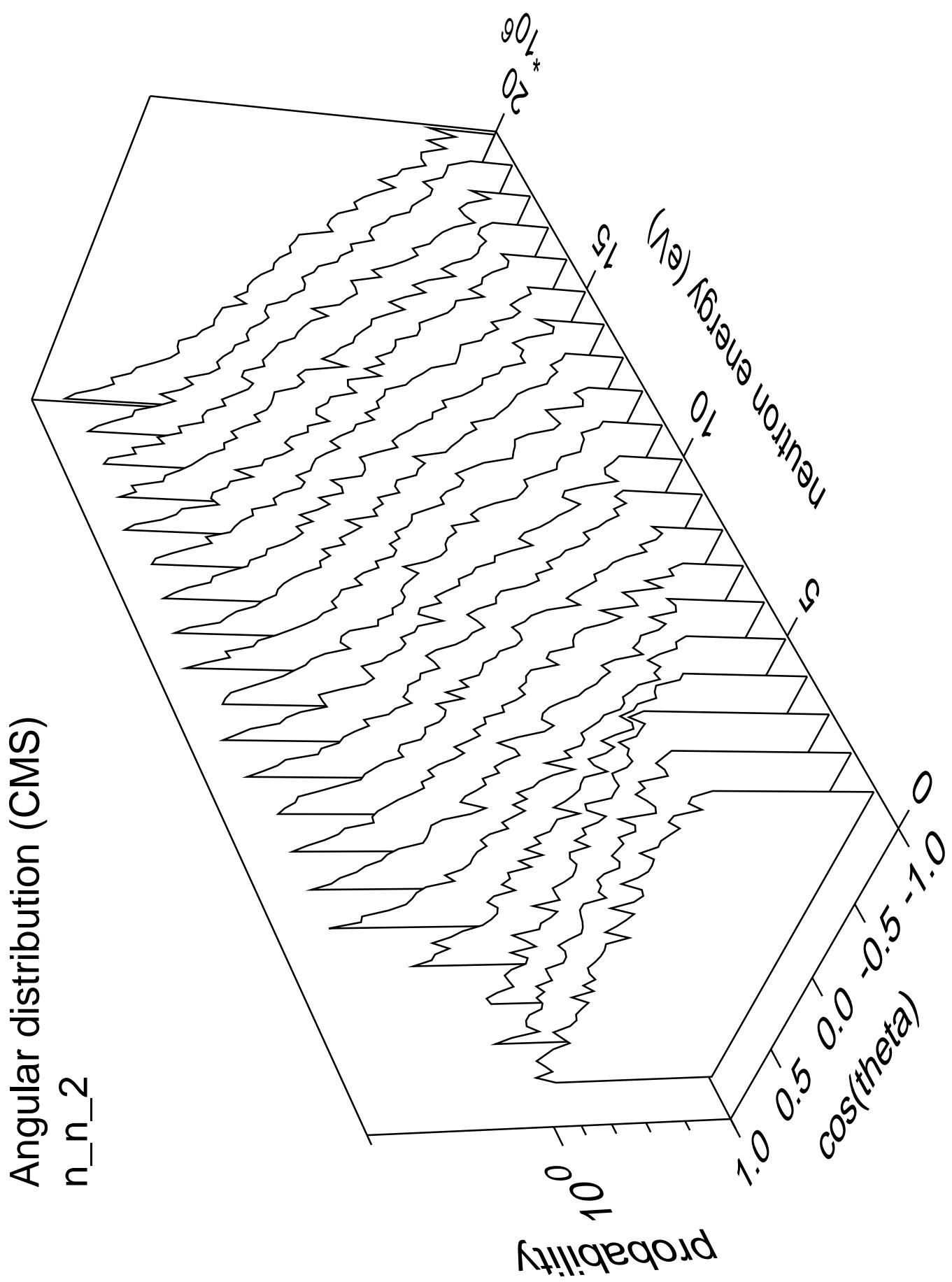
Angular distribution (CMS)
 n_{na} part.=alpha

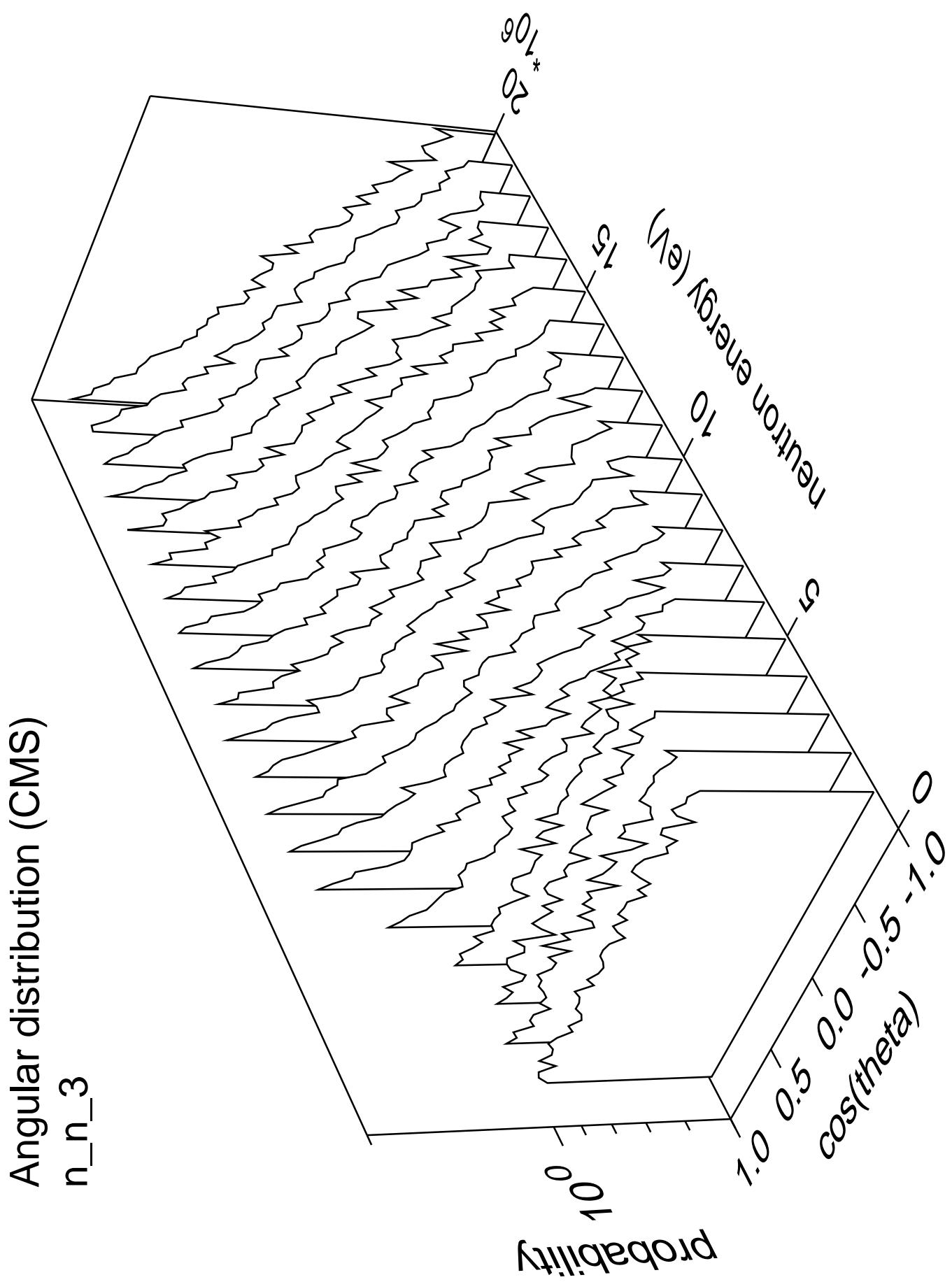


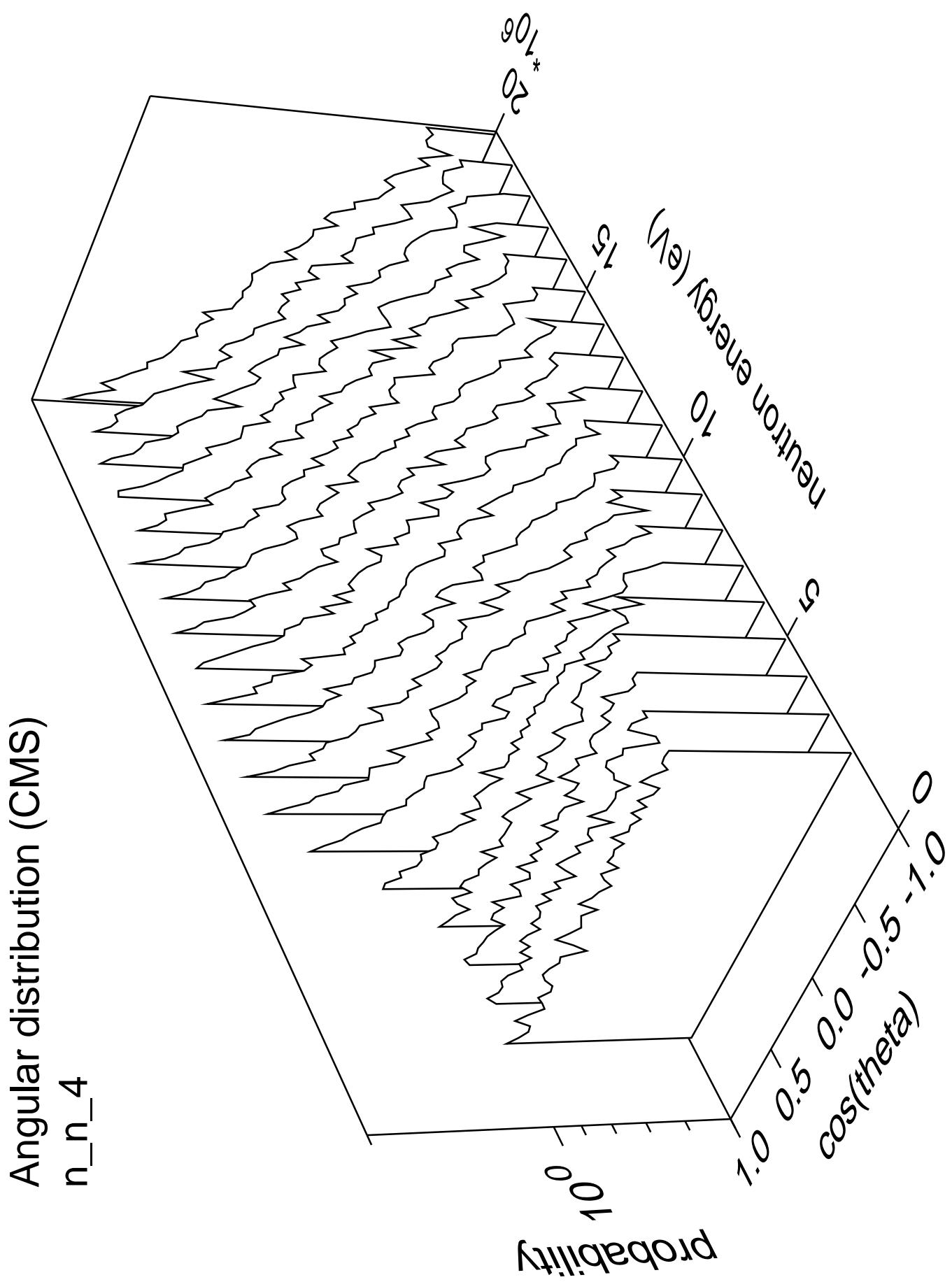


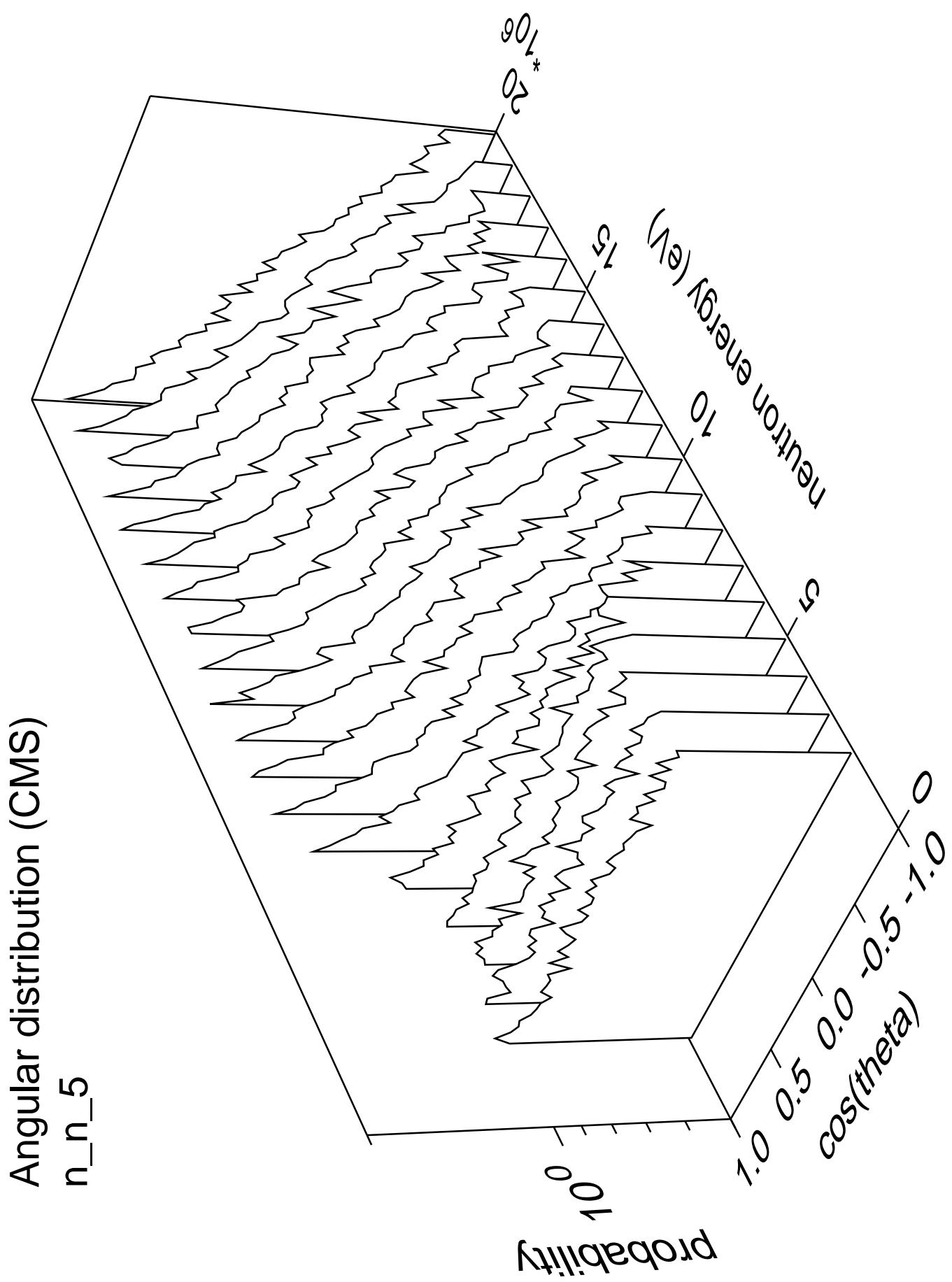


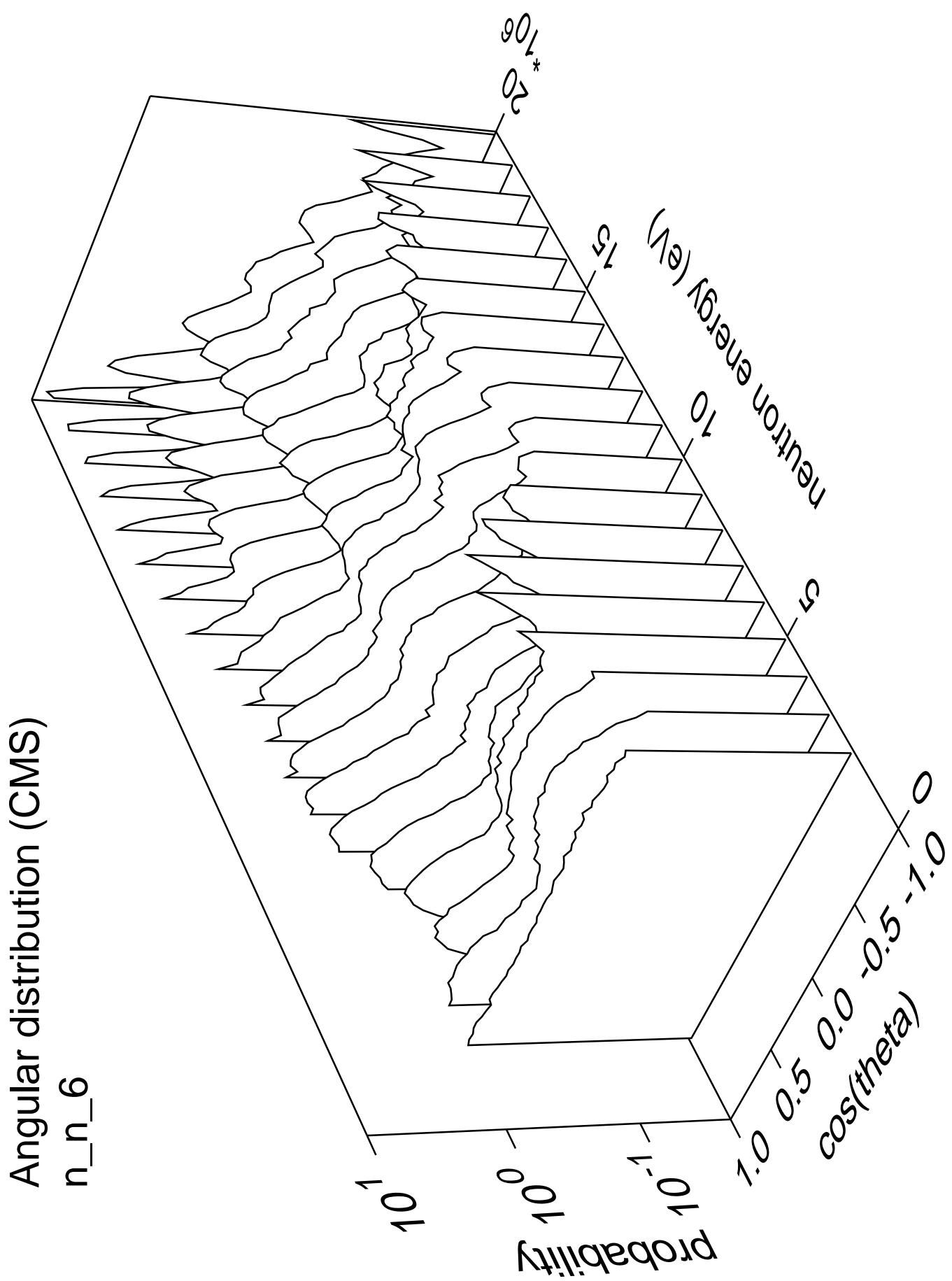


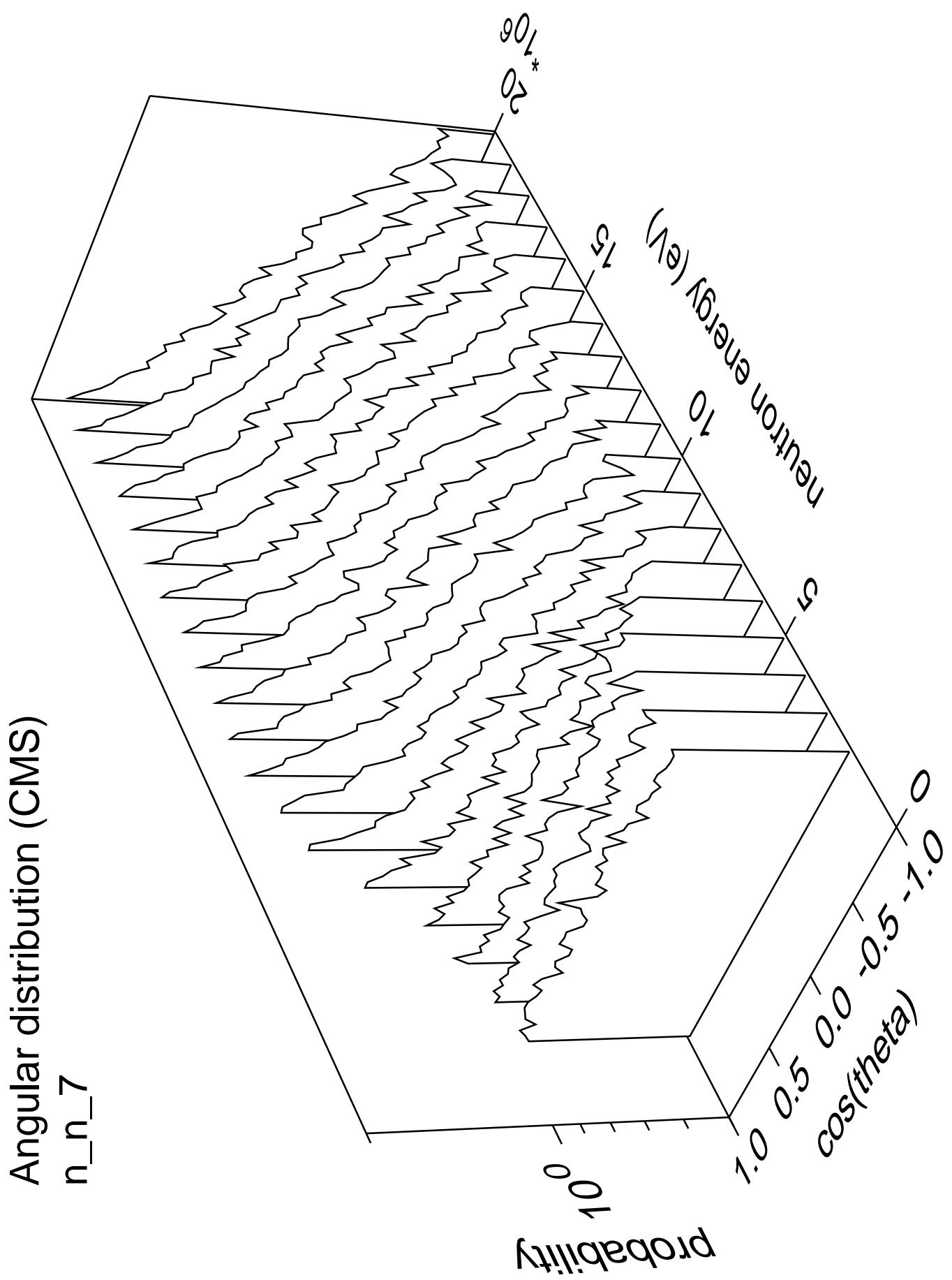


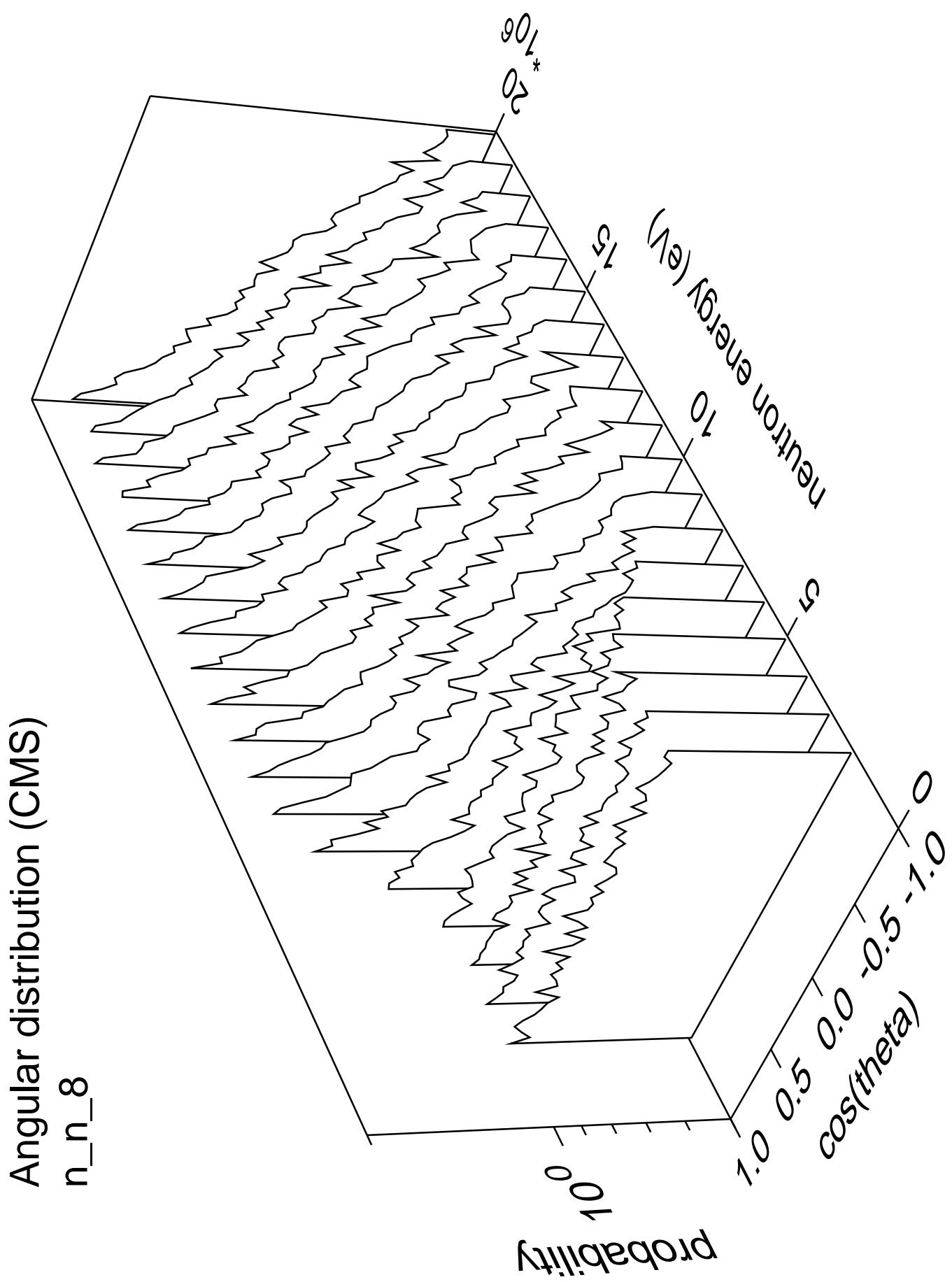


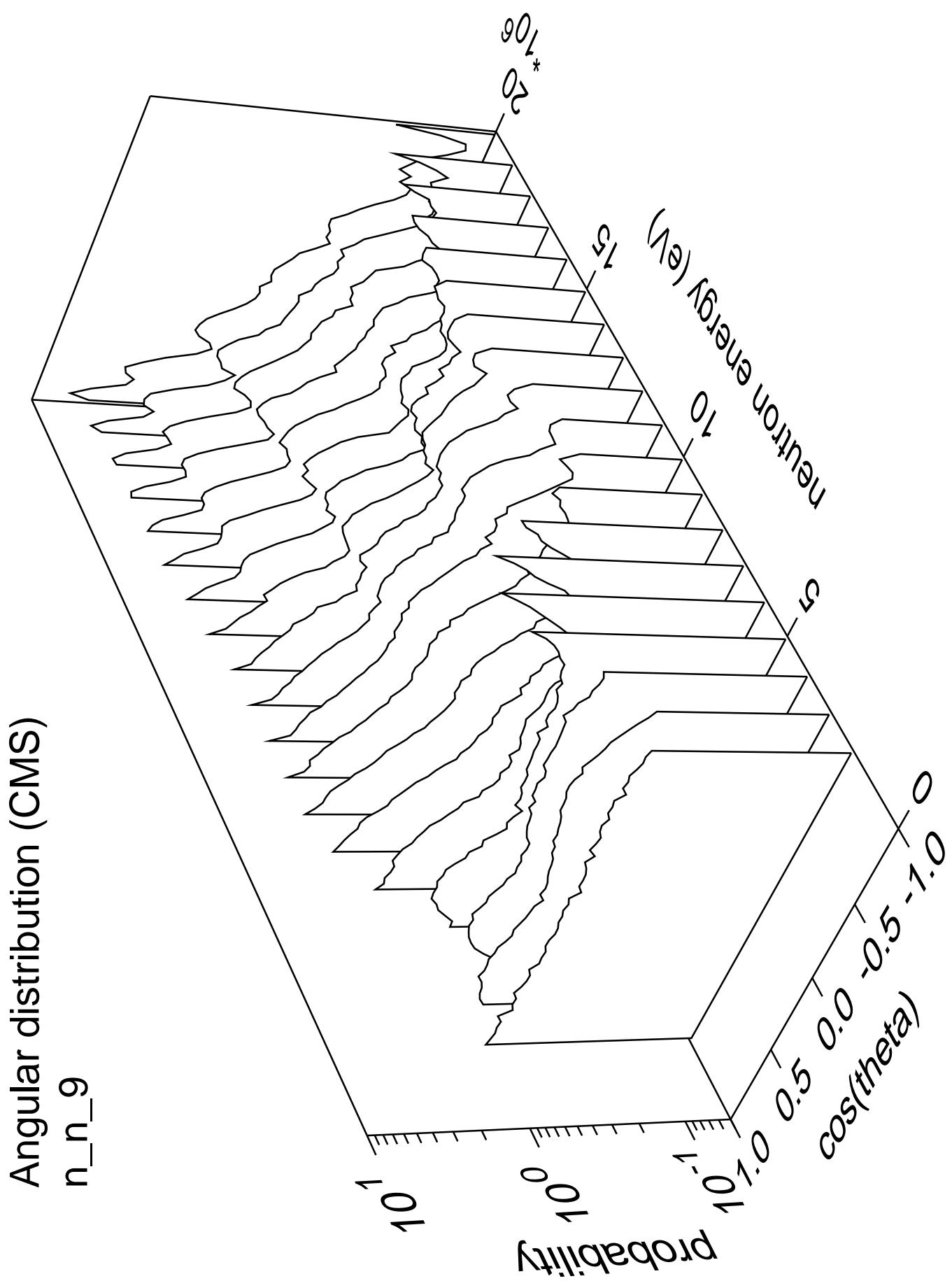


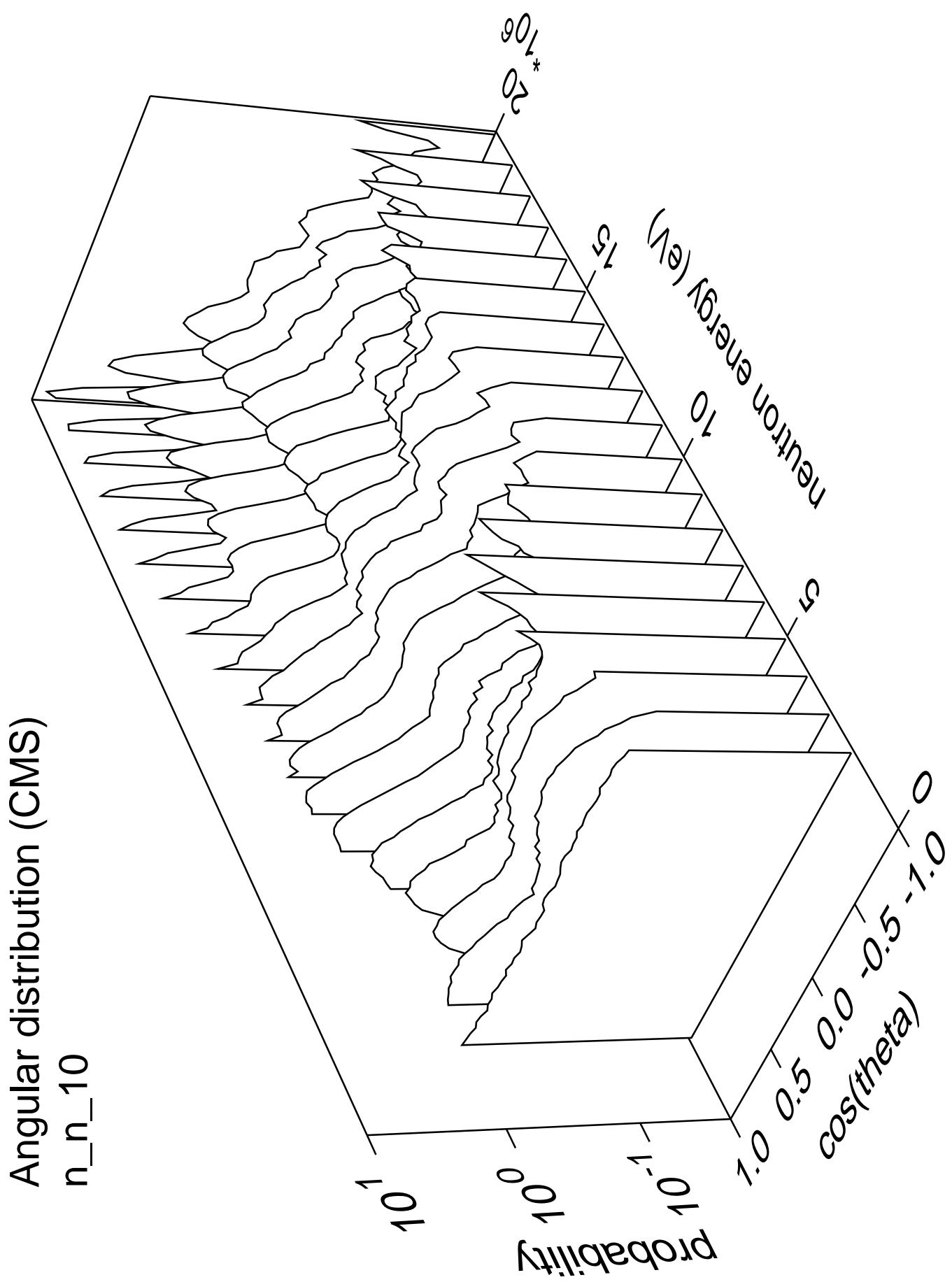


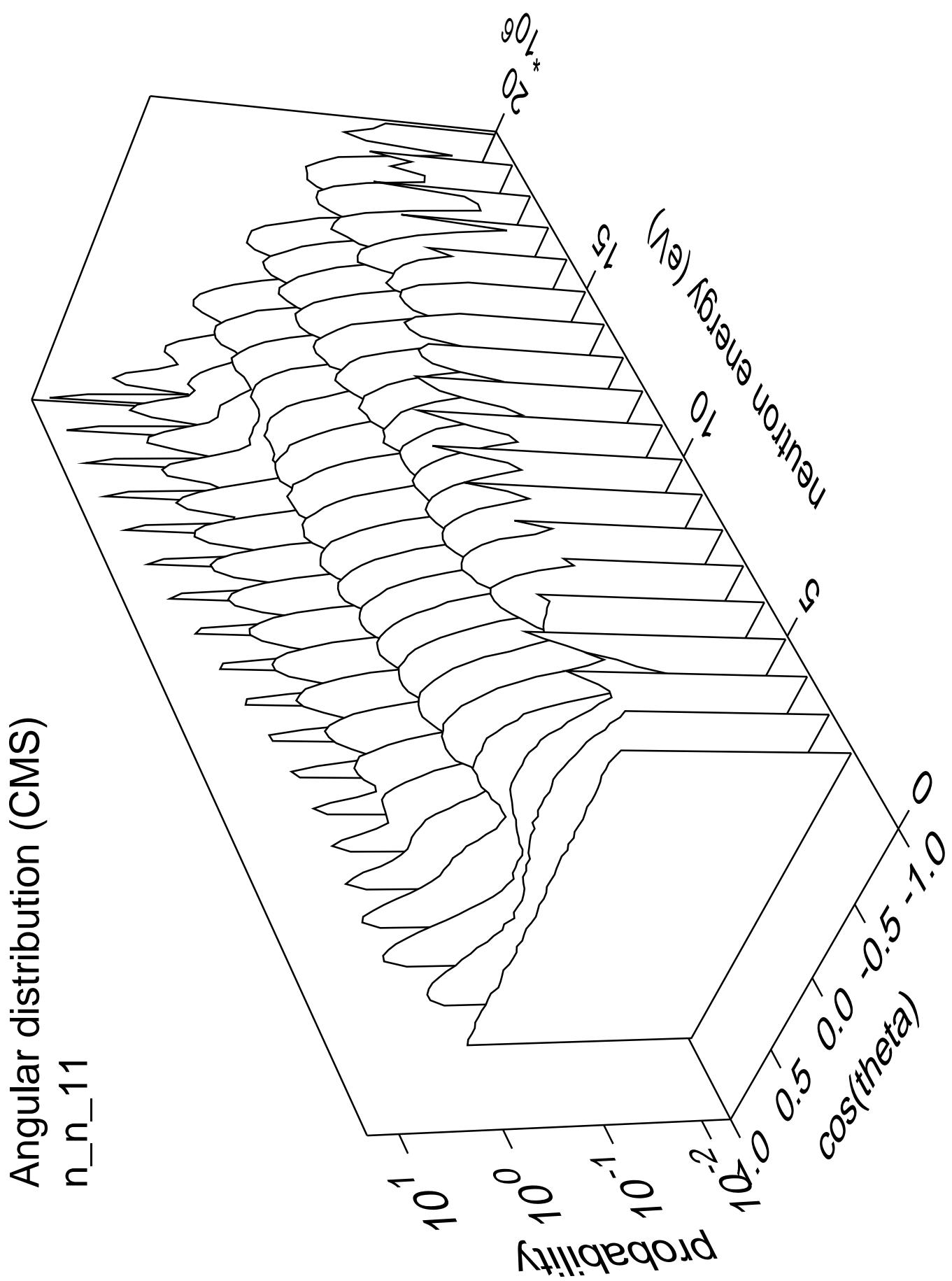


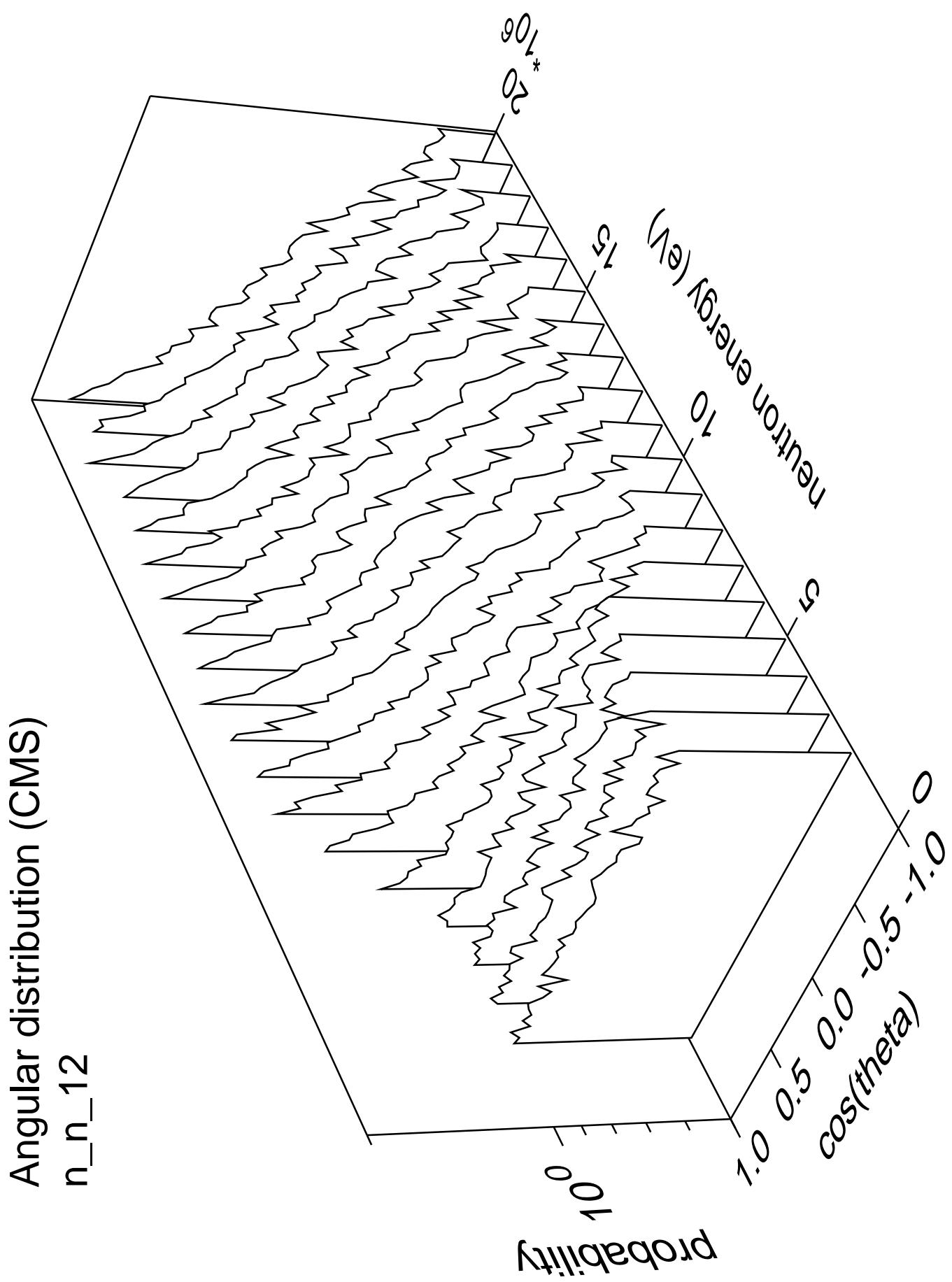






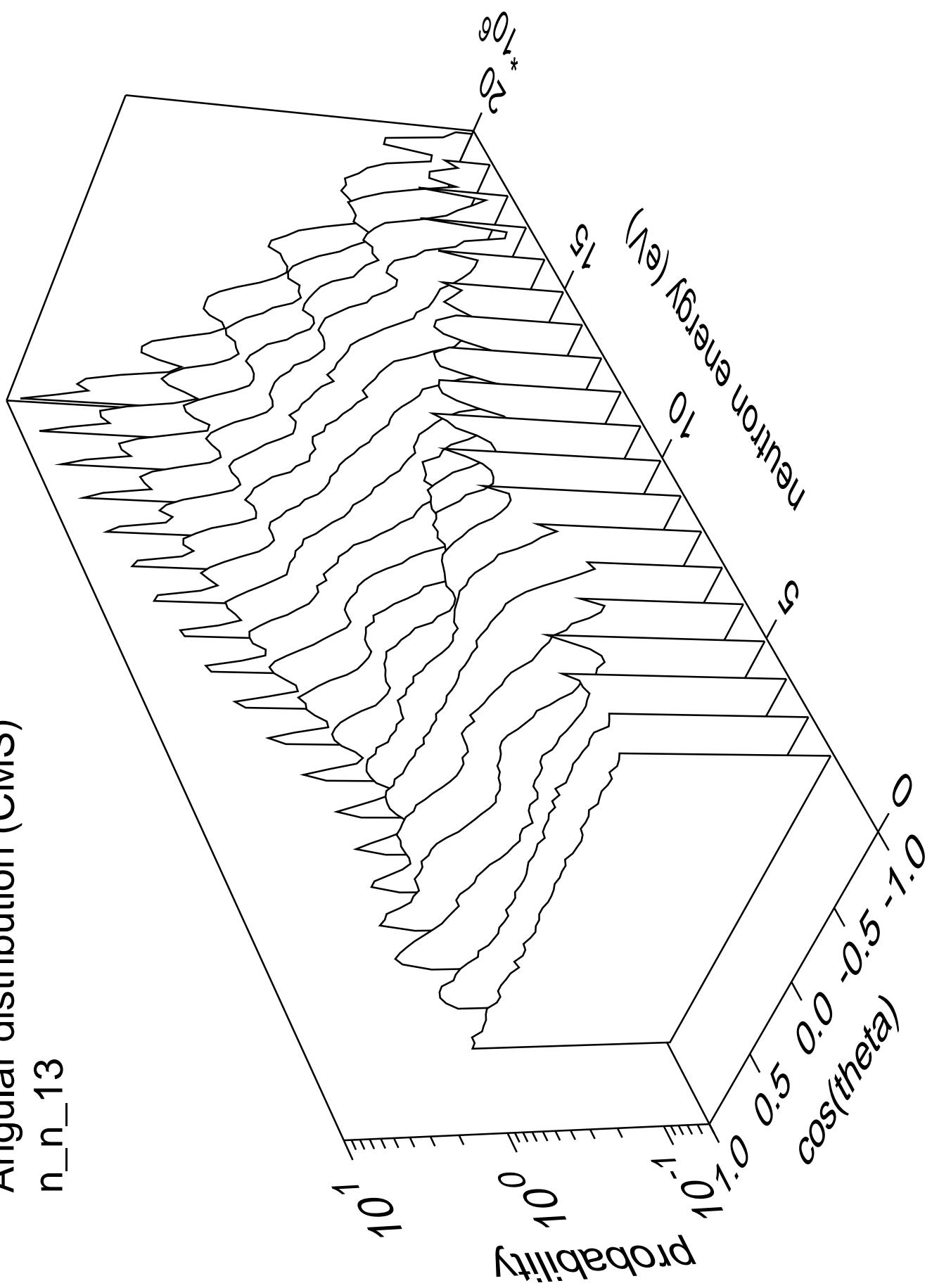


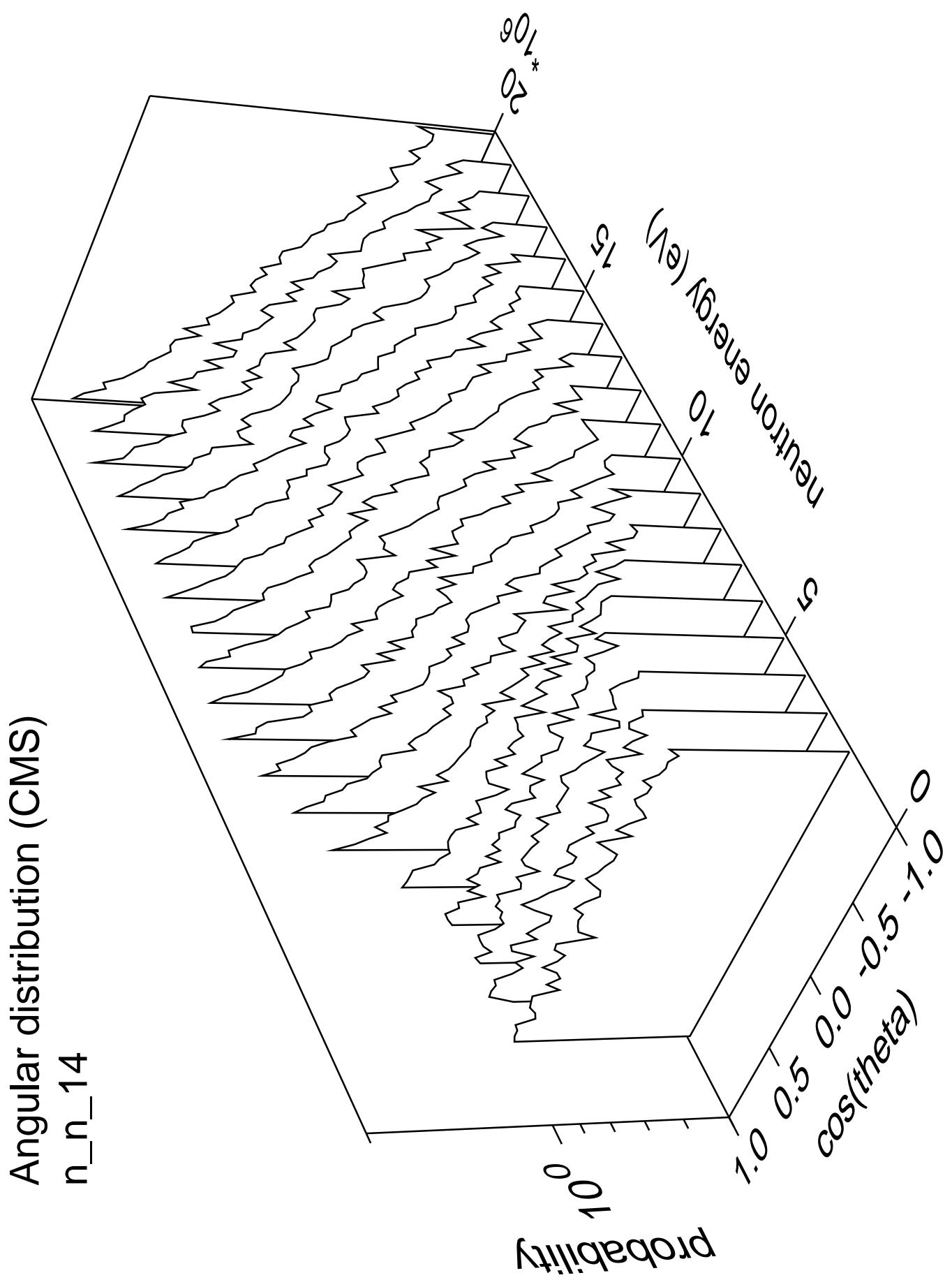


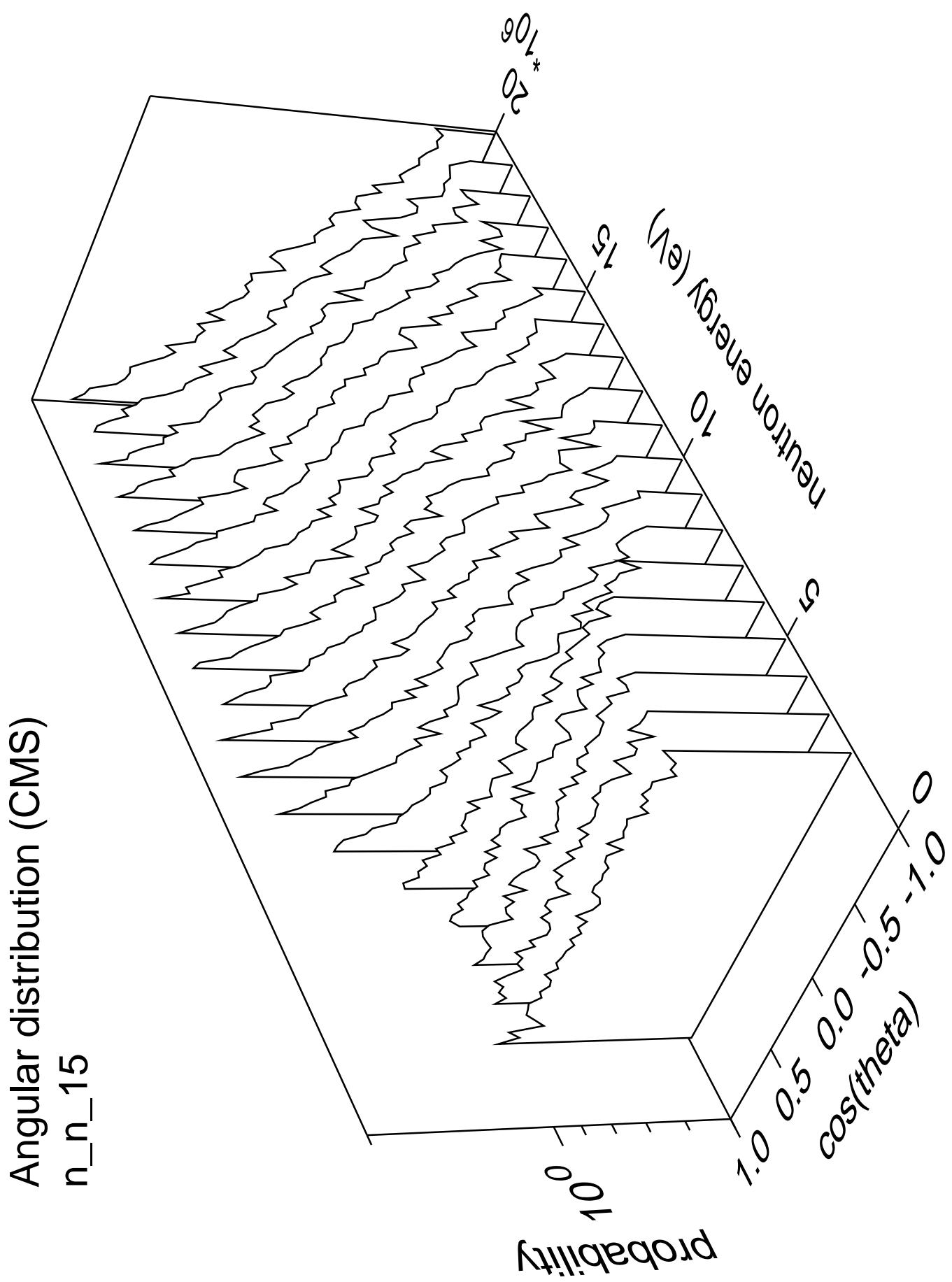


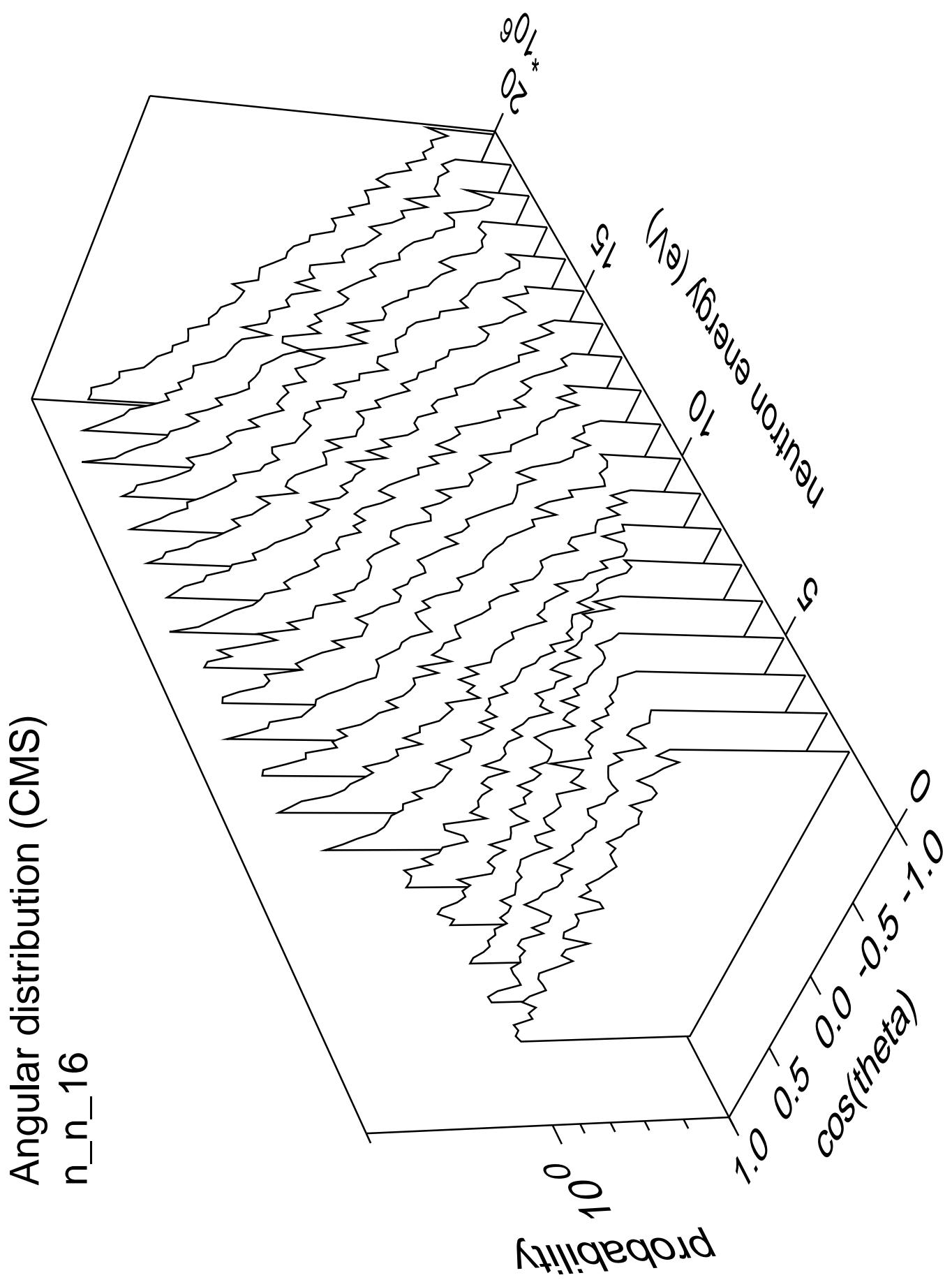
Angular distribution (CMS)

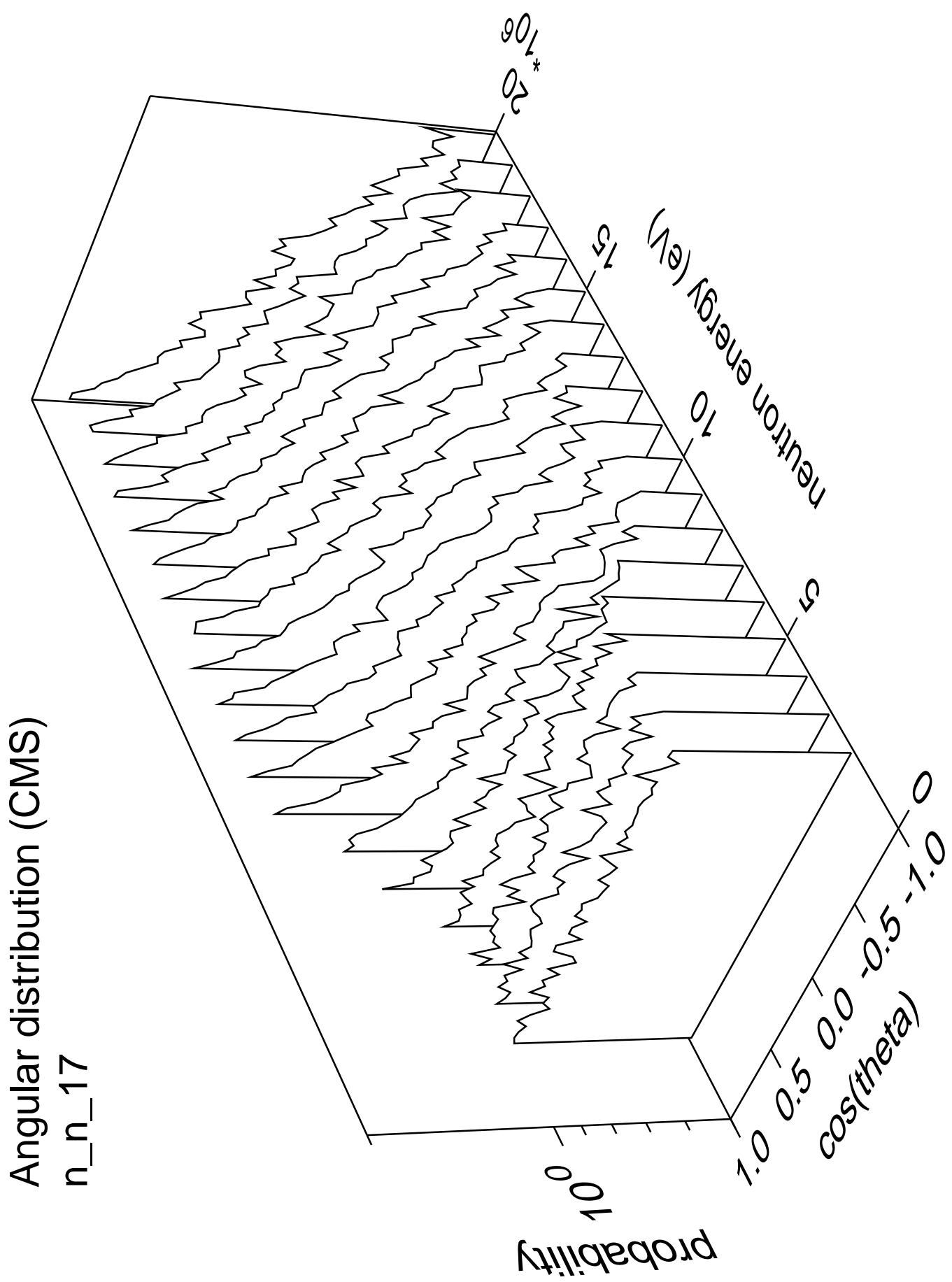
n_n_13

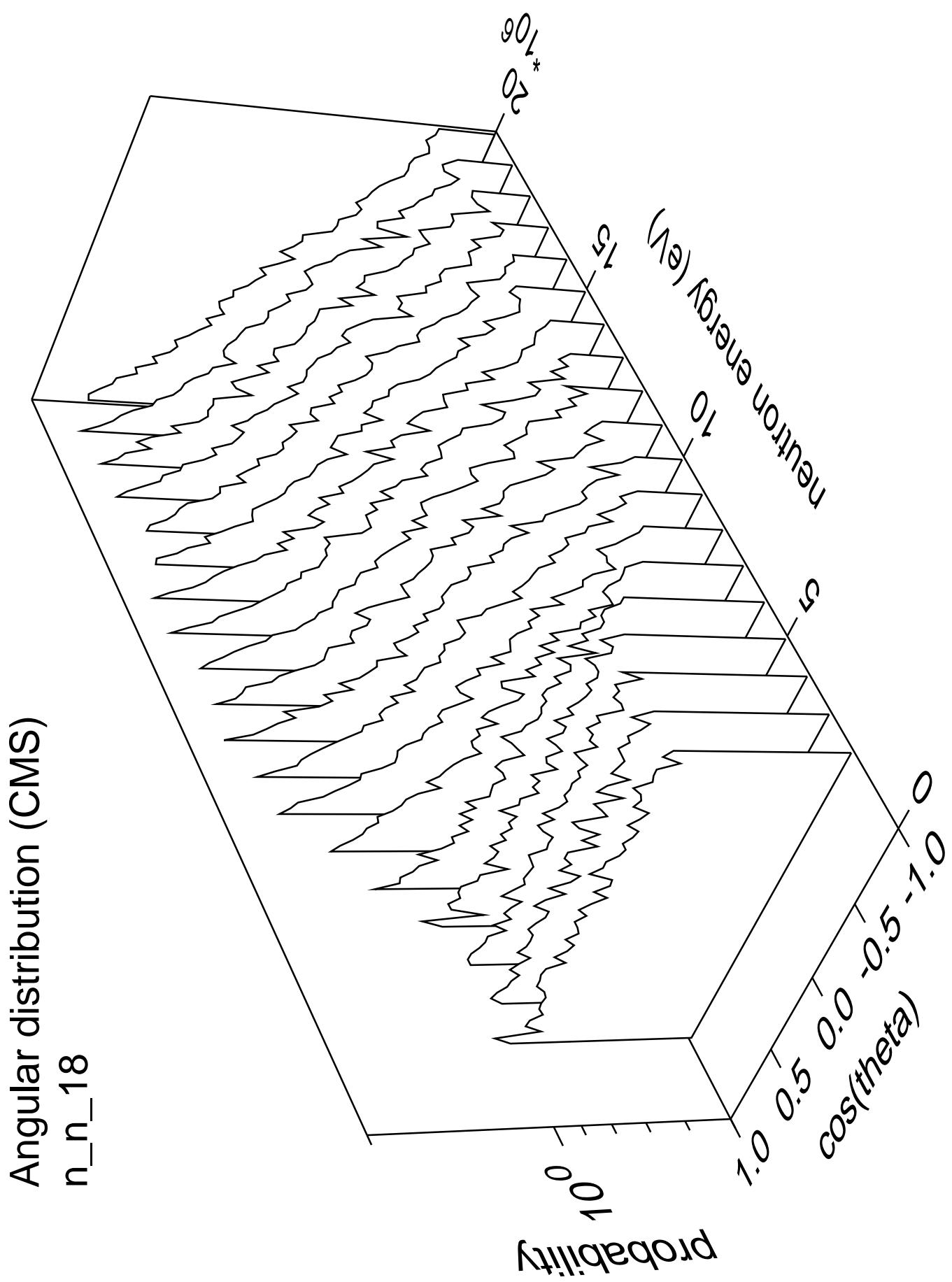


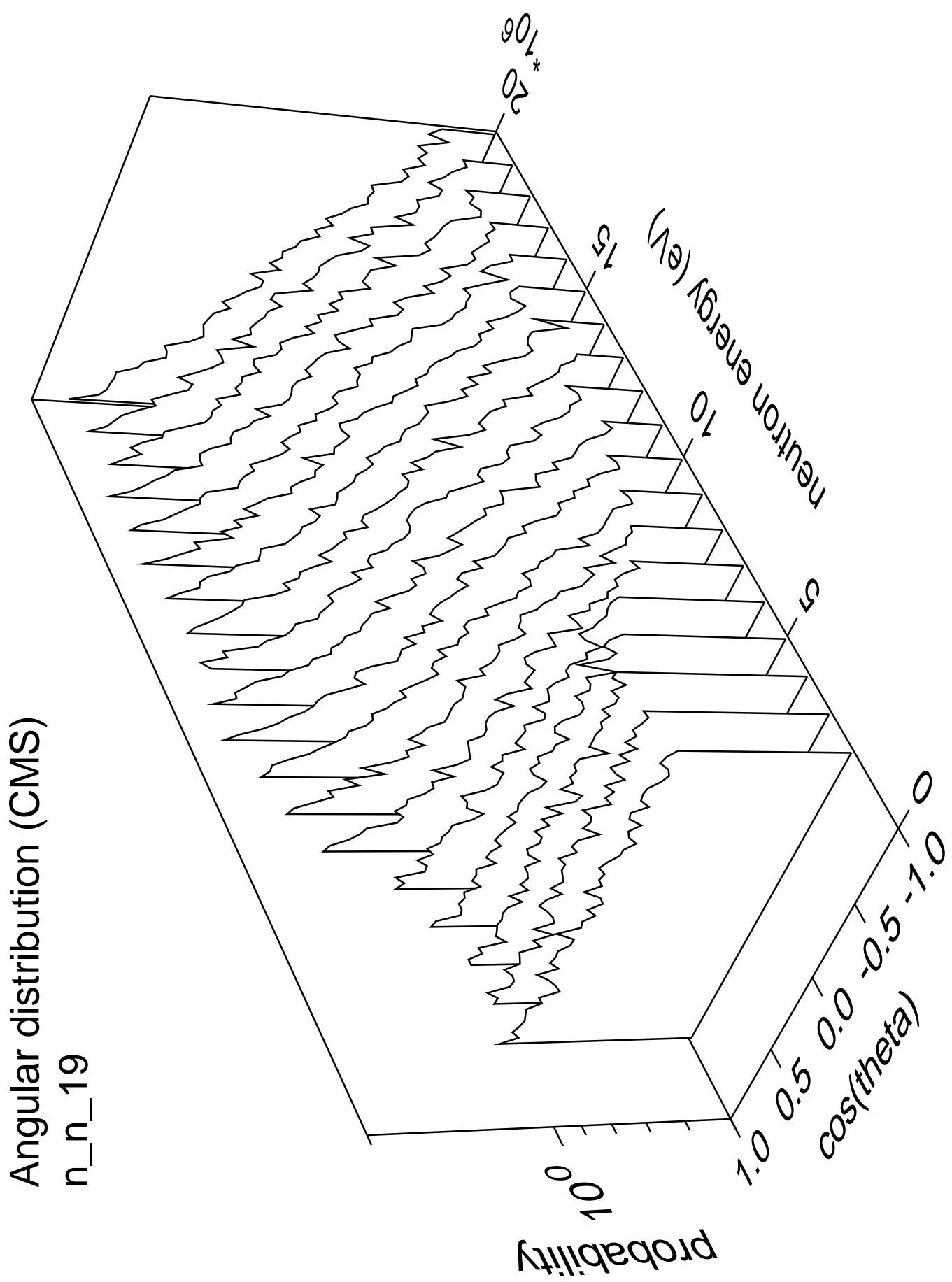


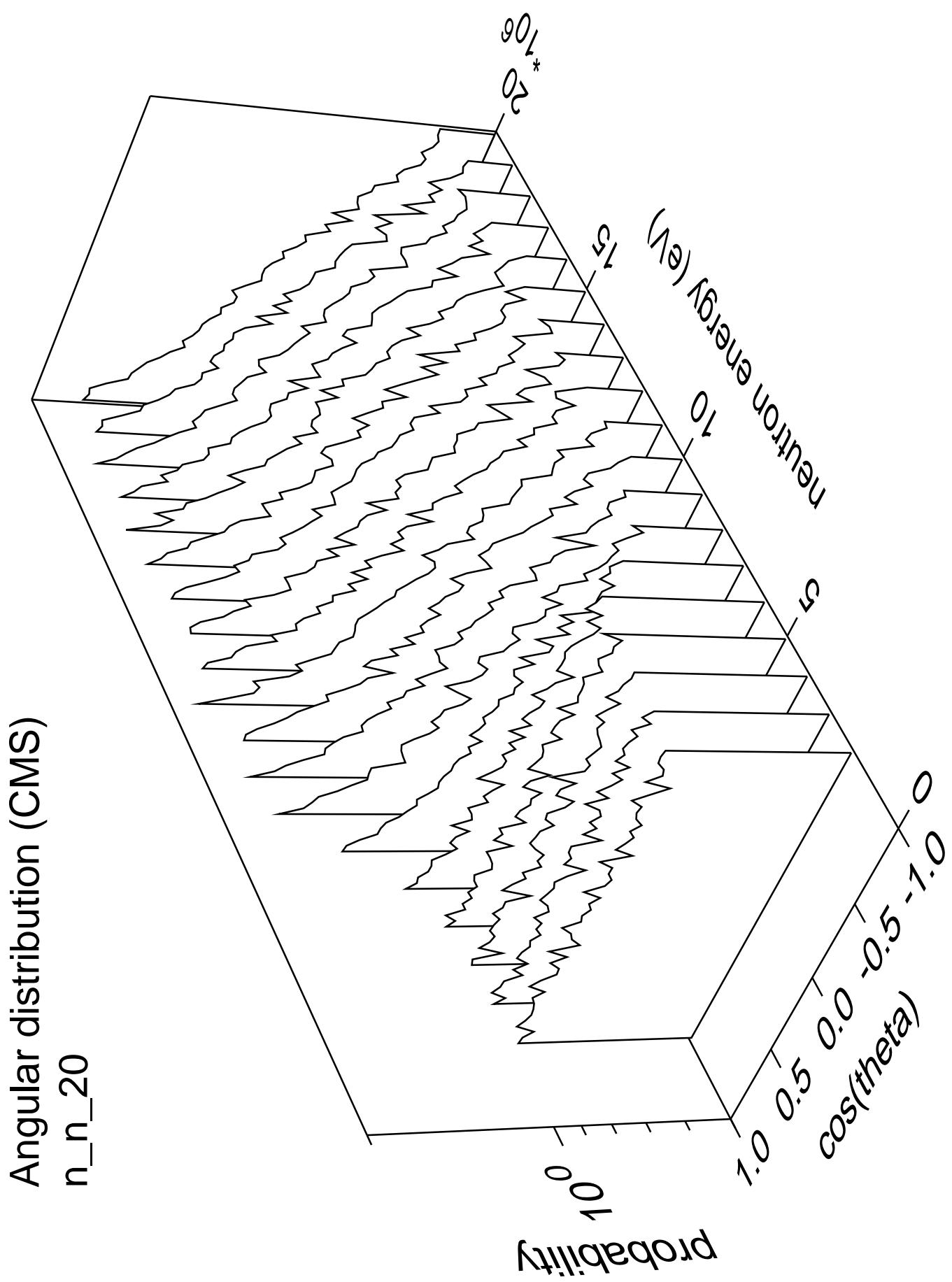


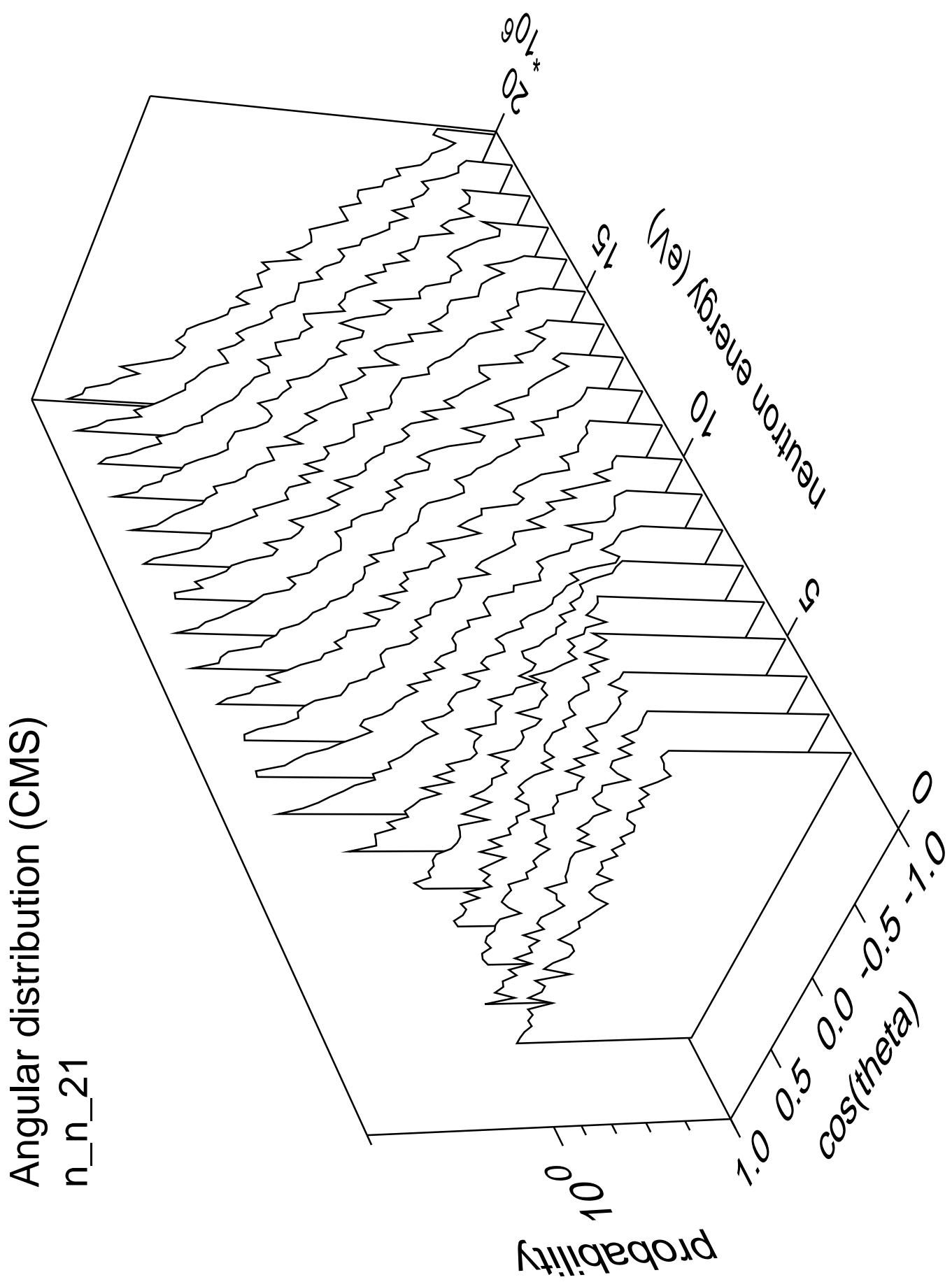


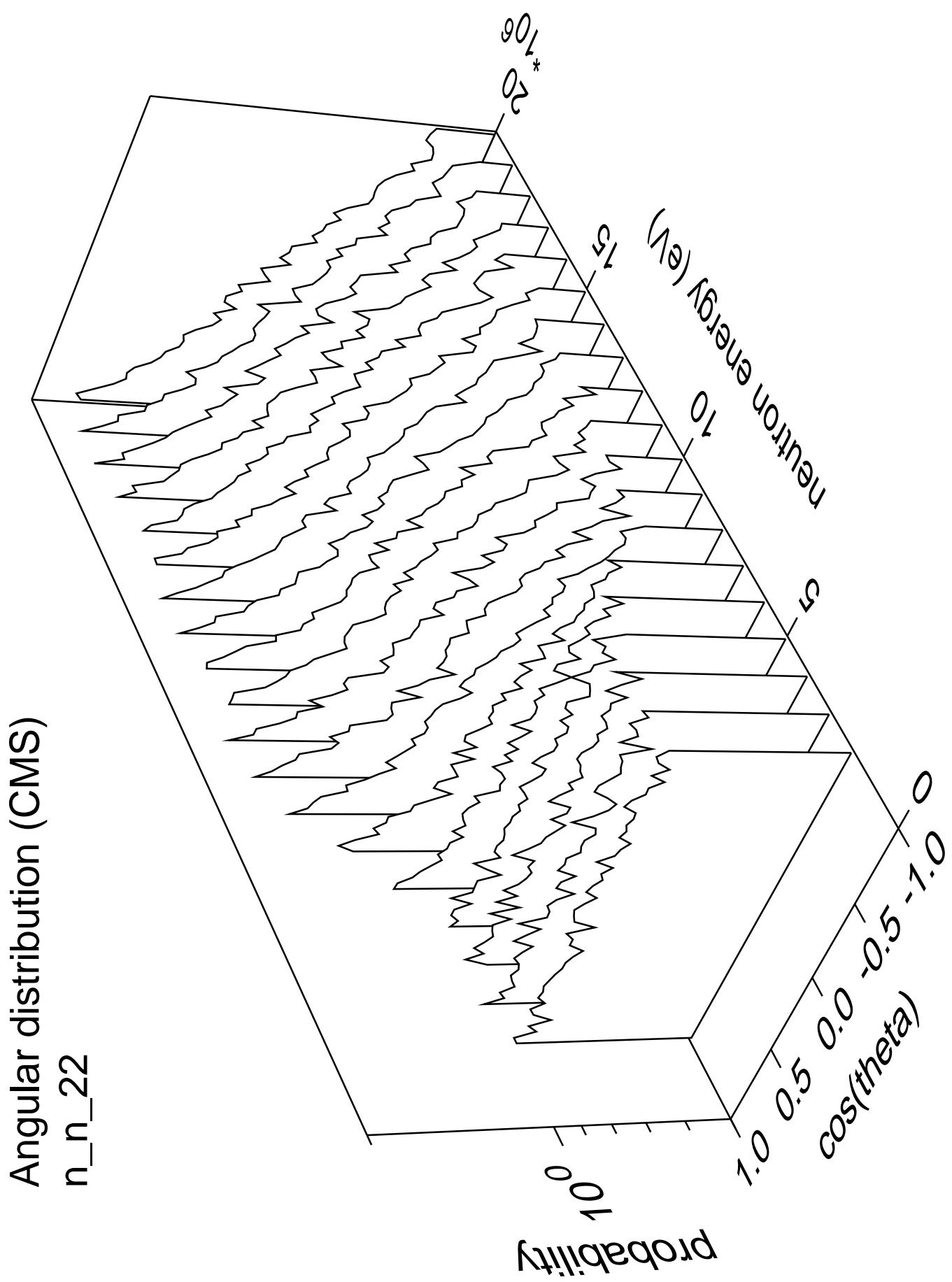


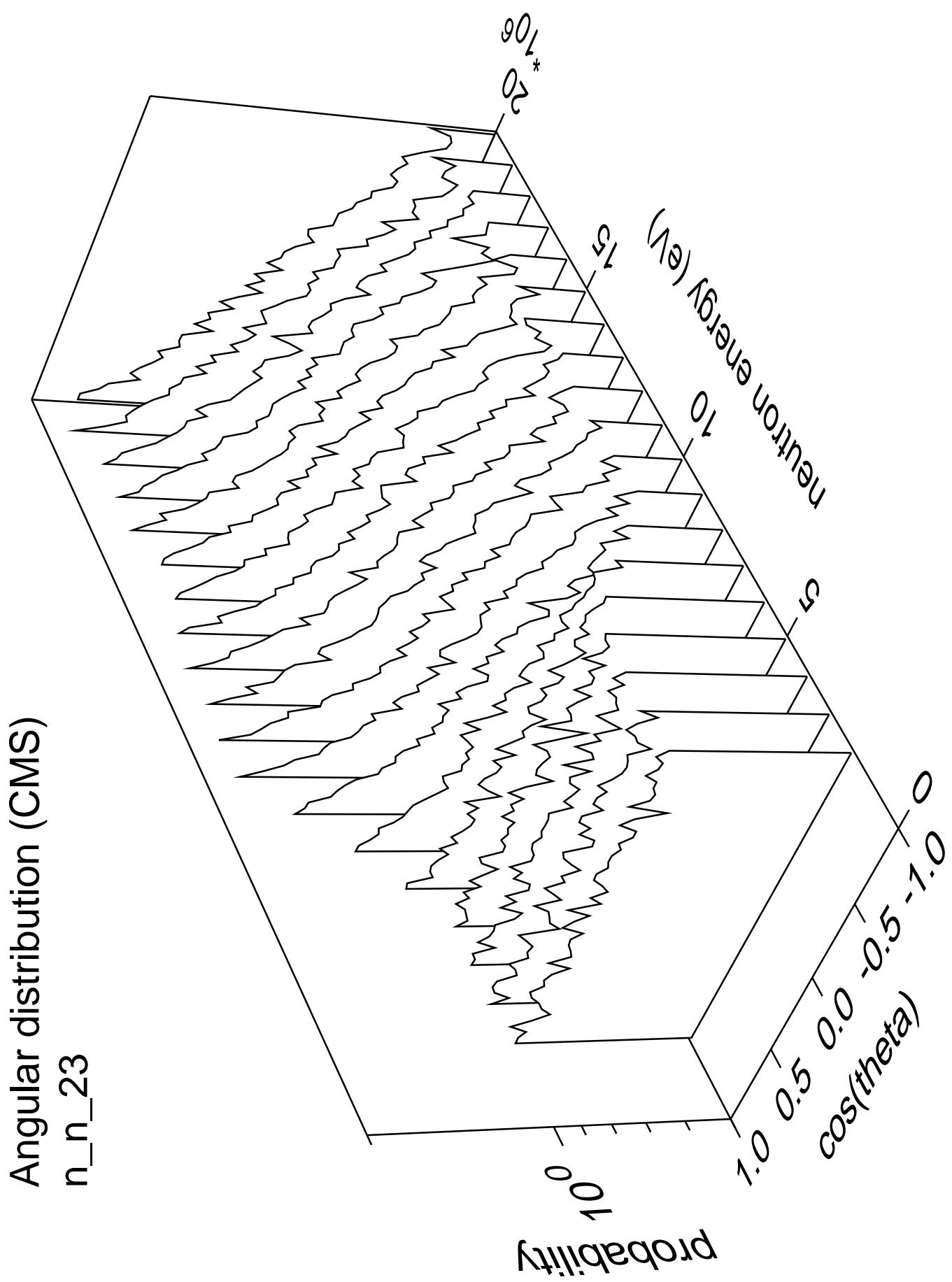


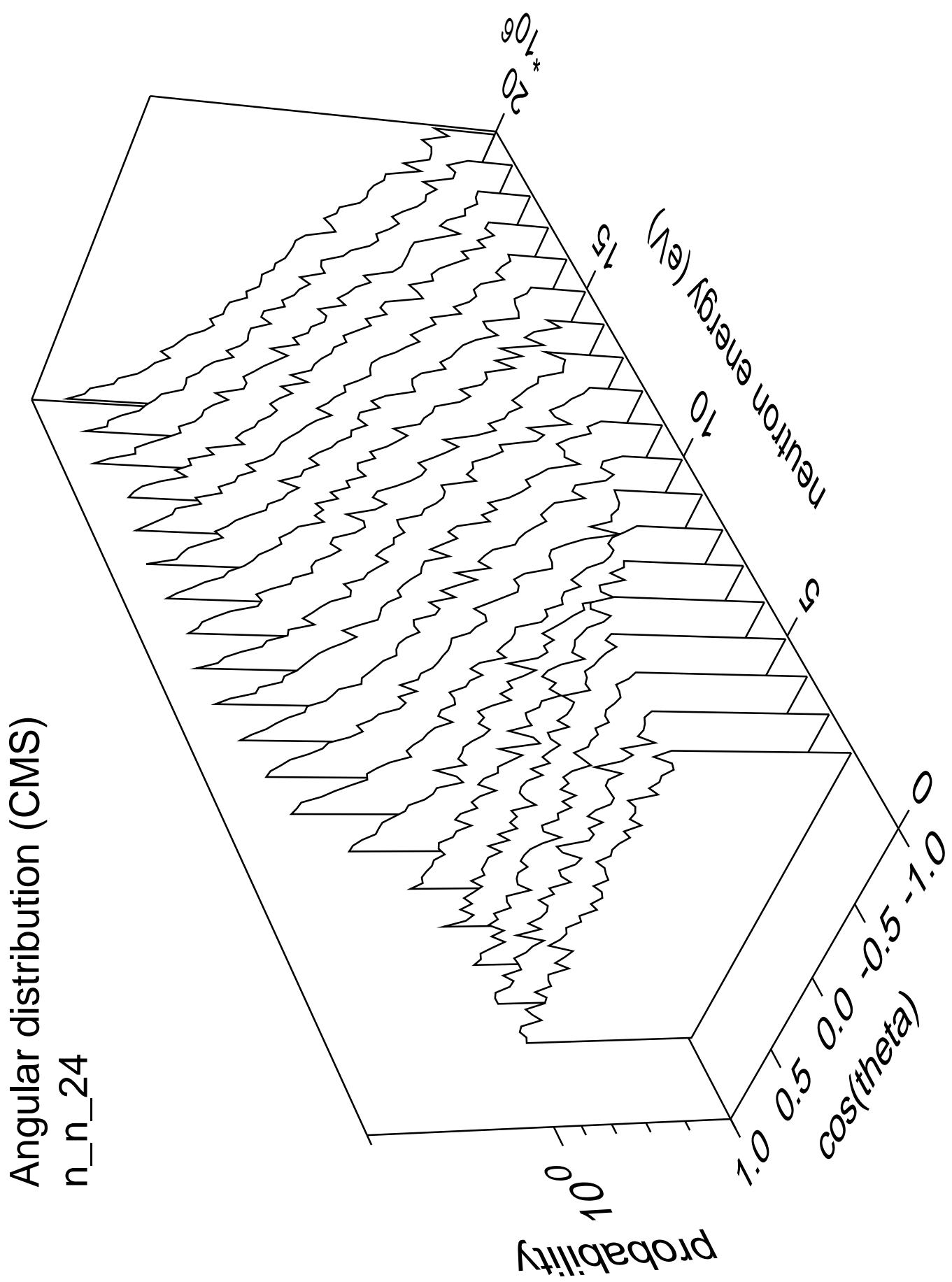


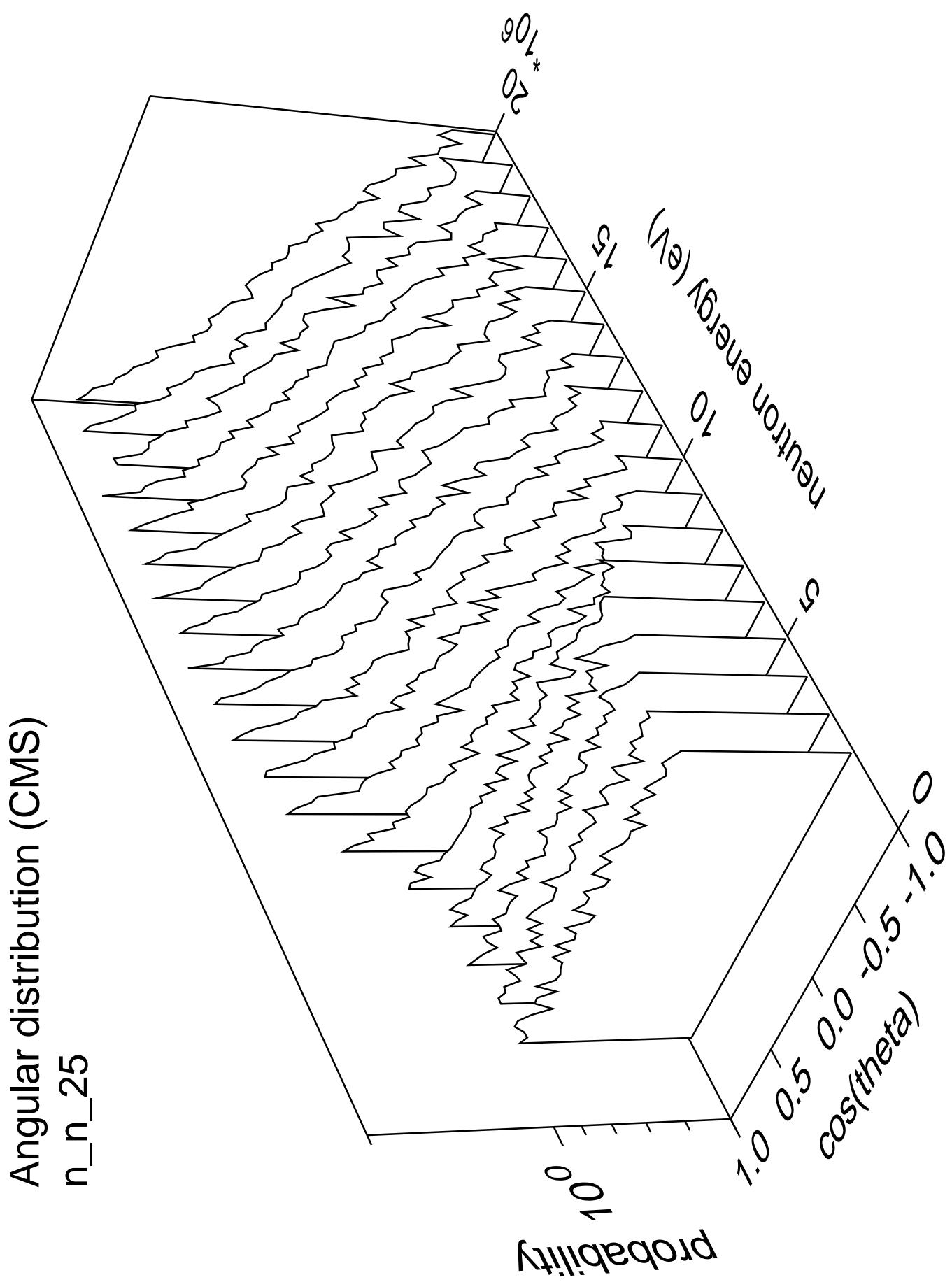


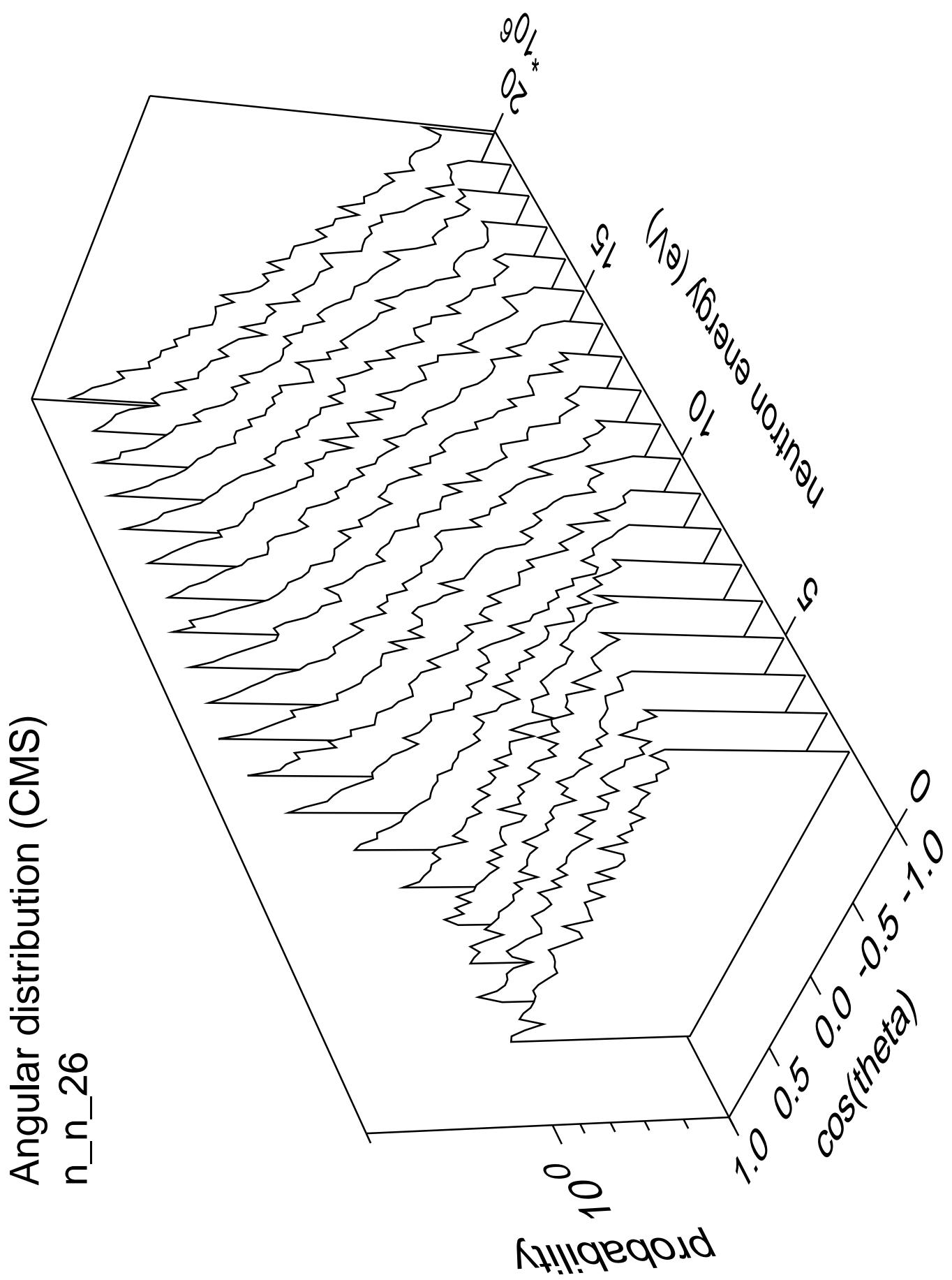


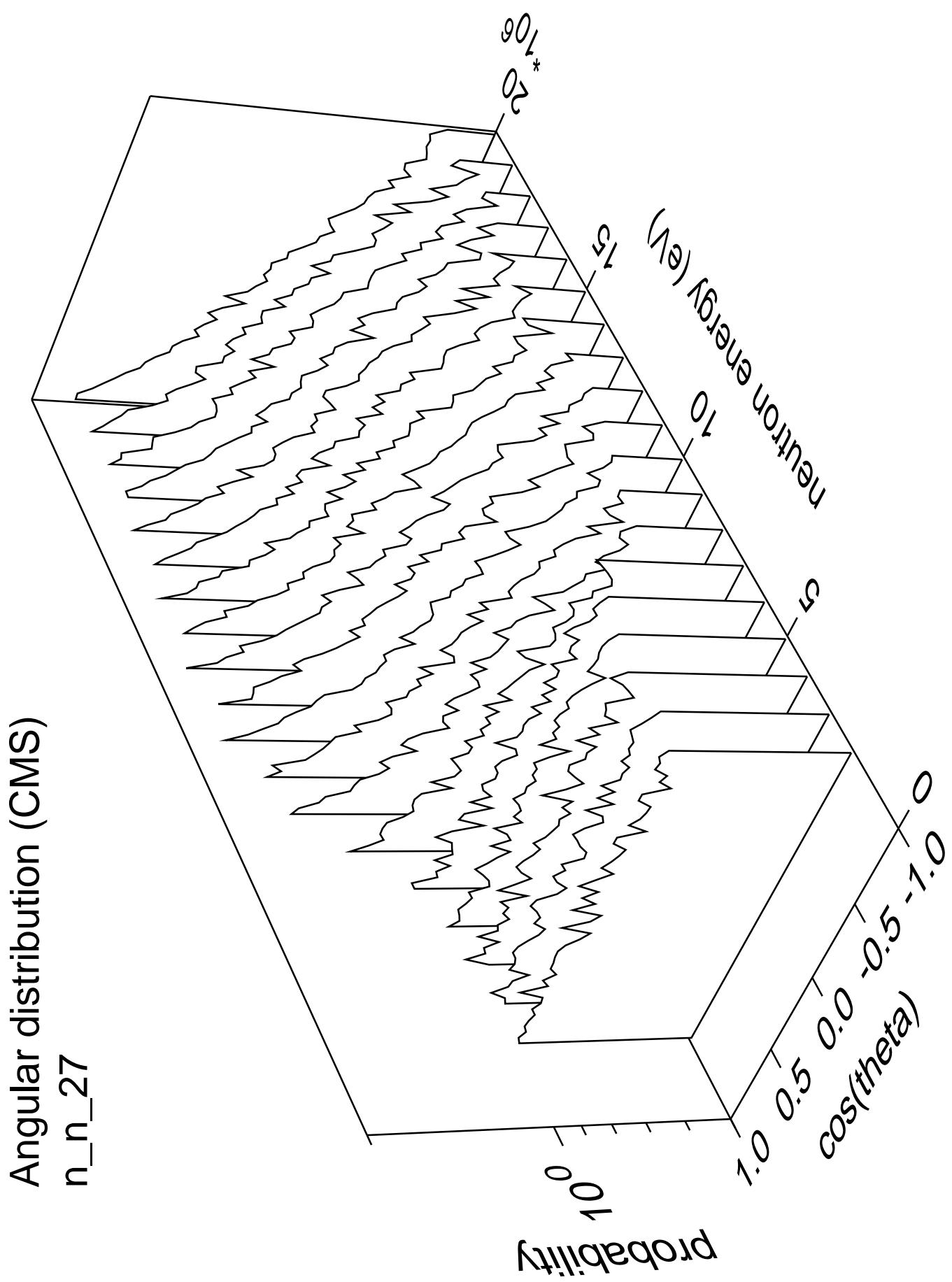


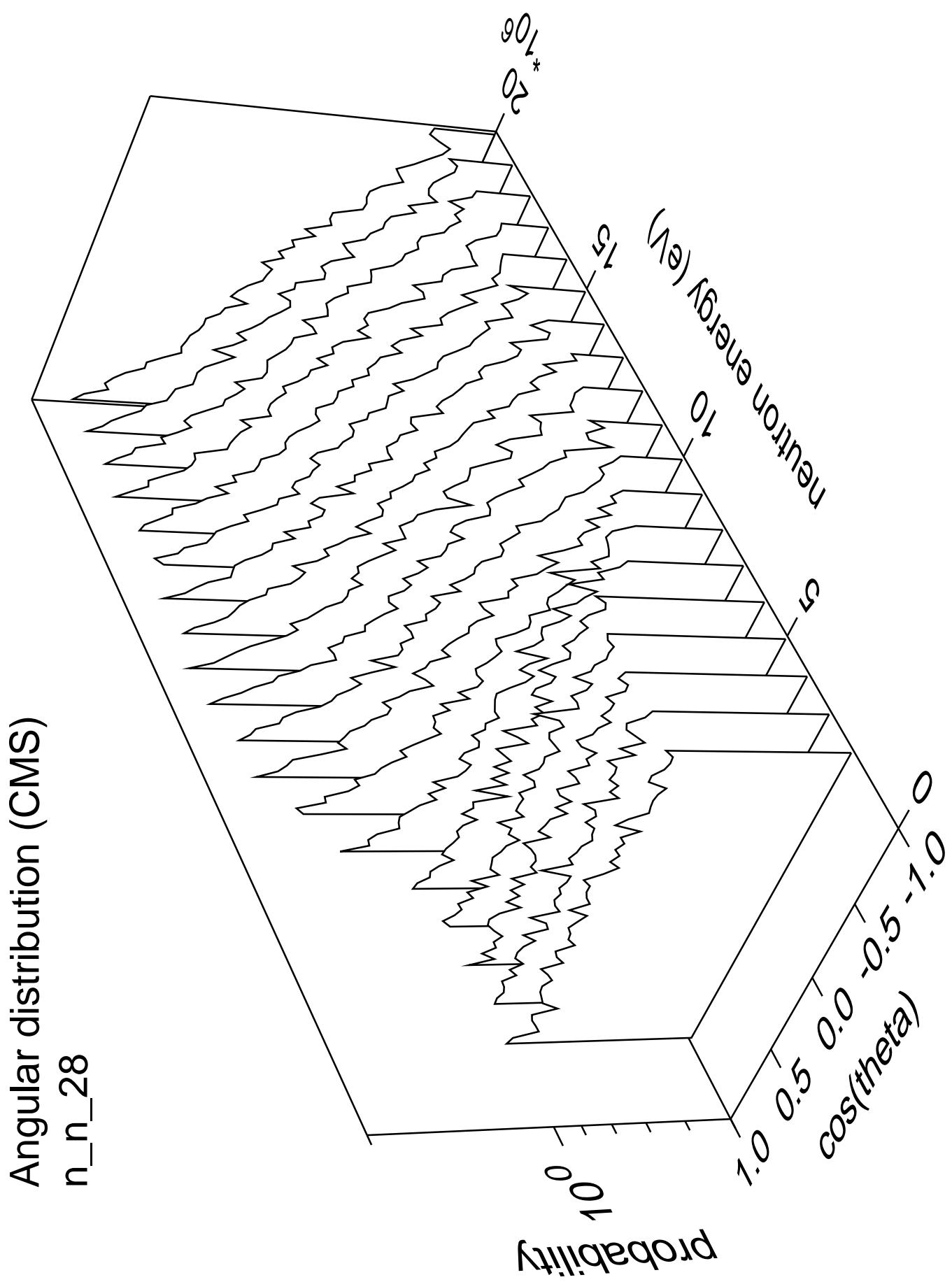


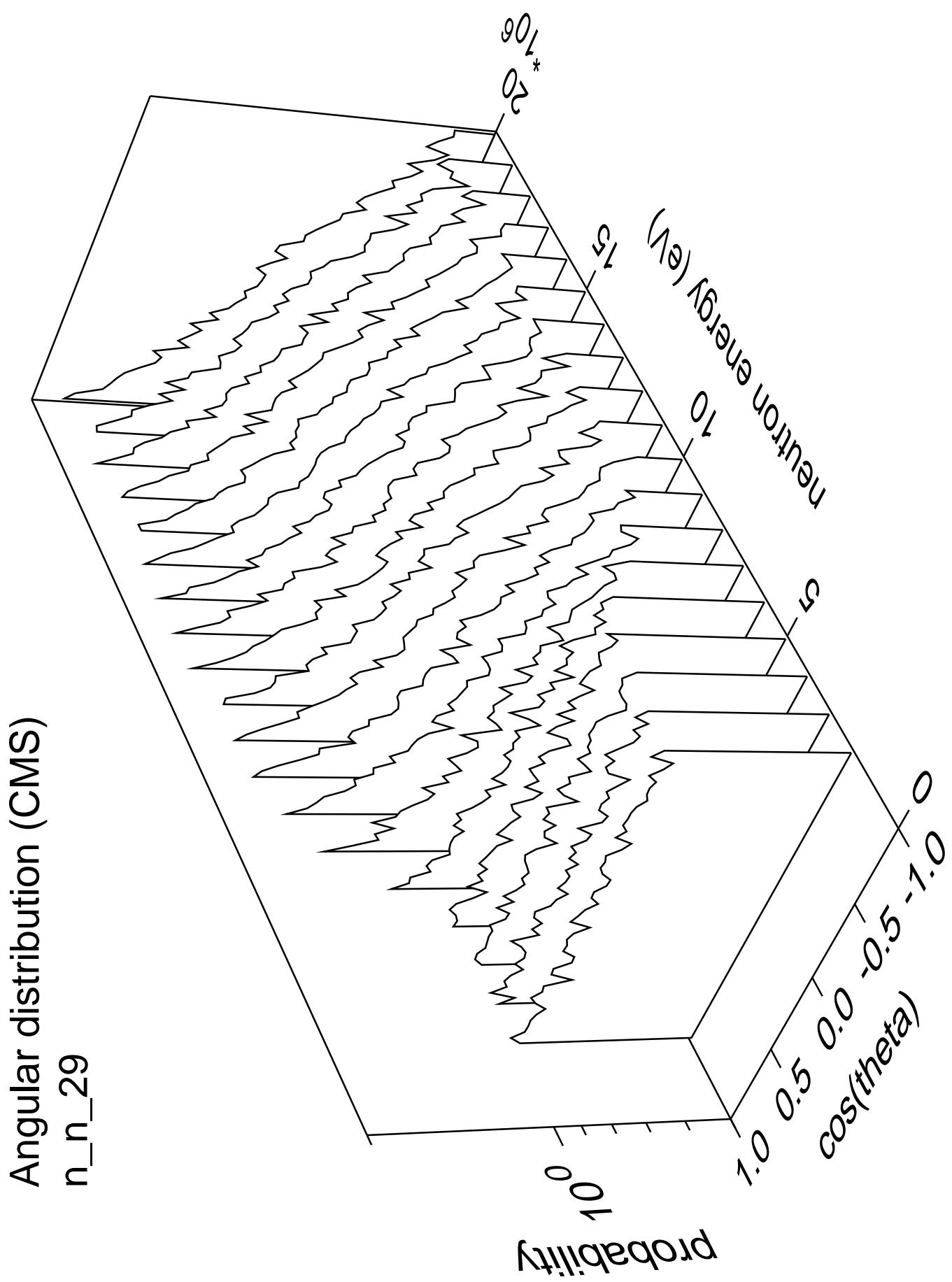


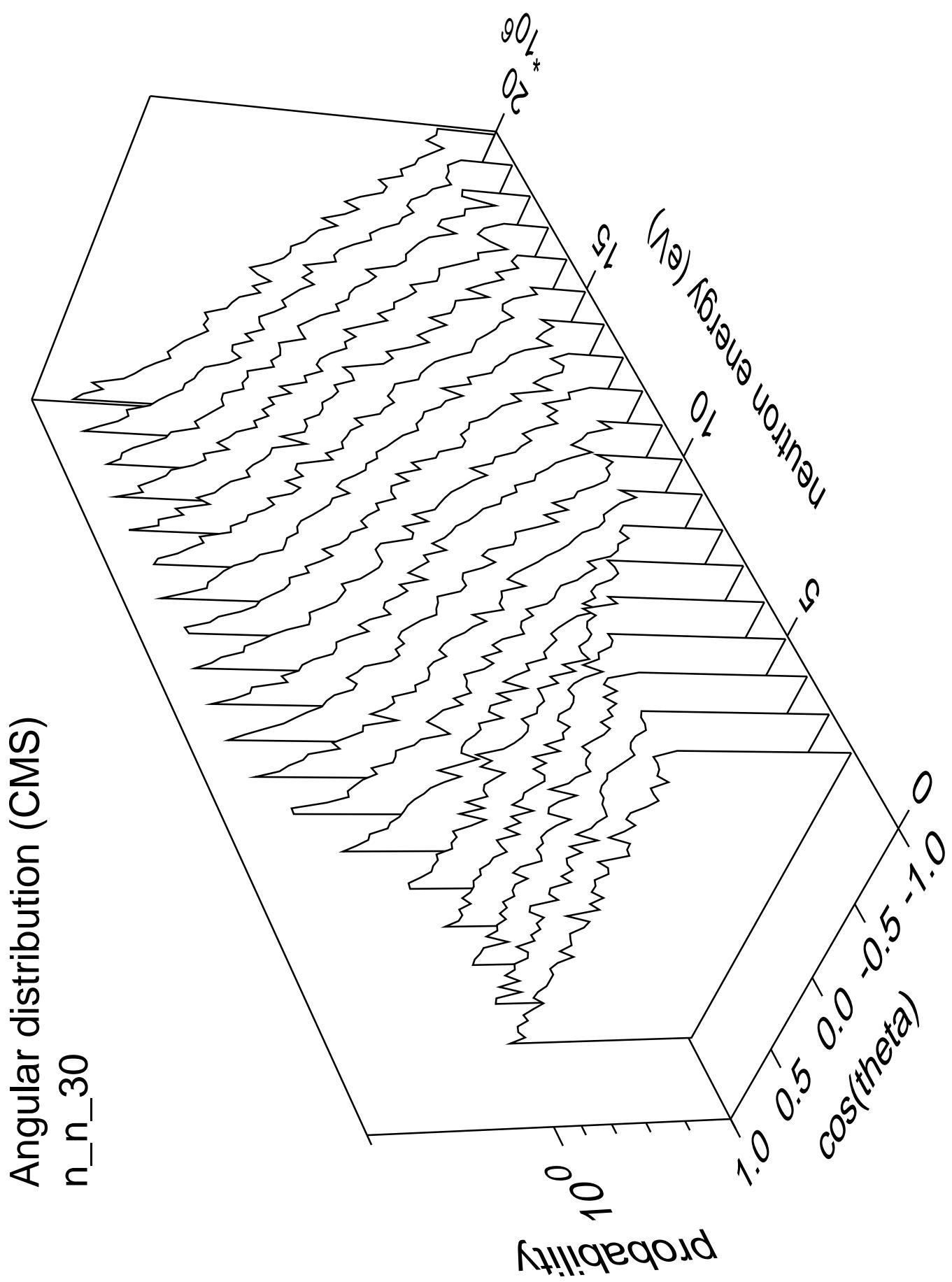






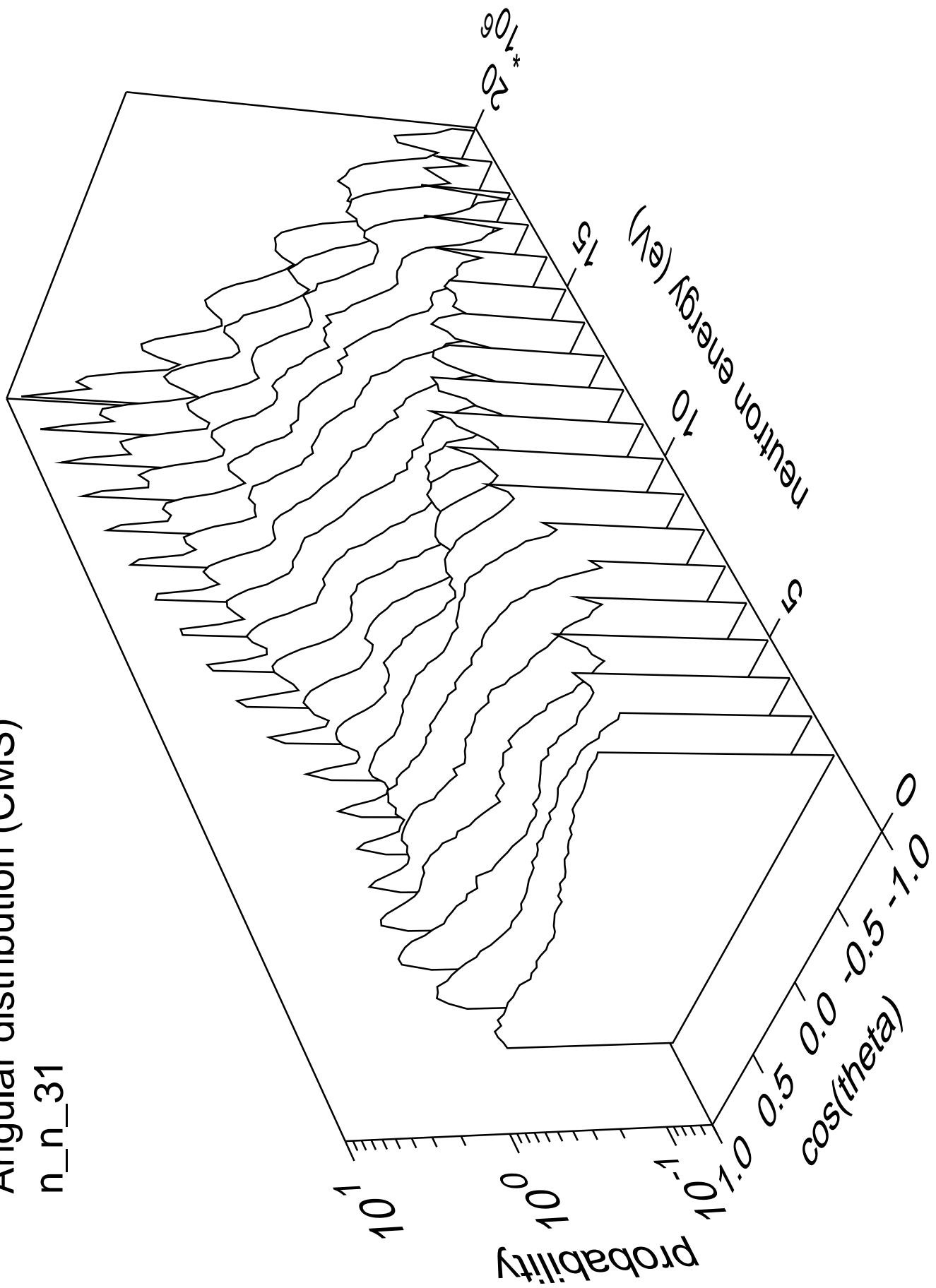


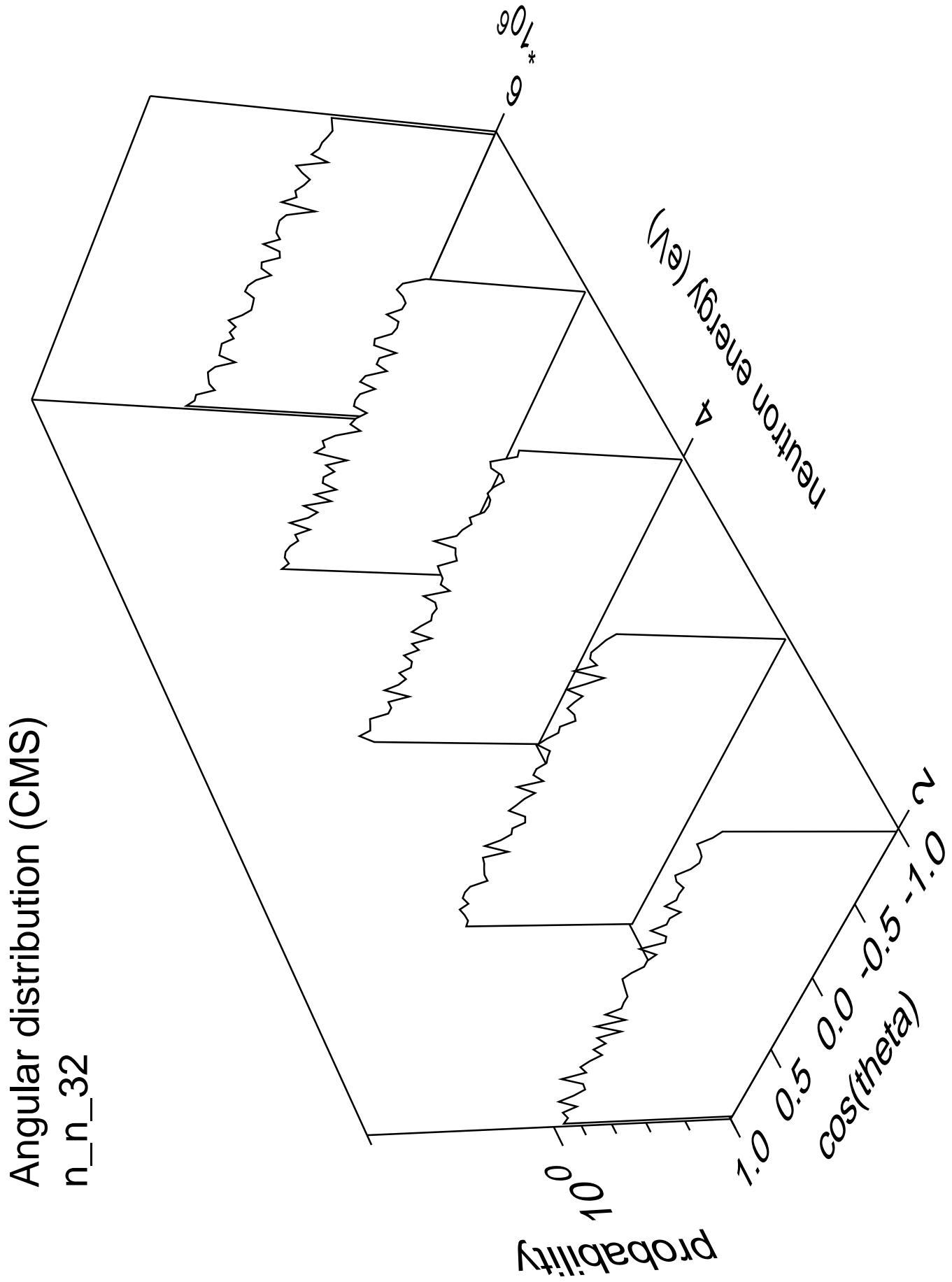


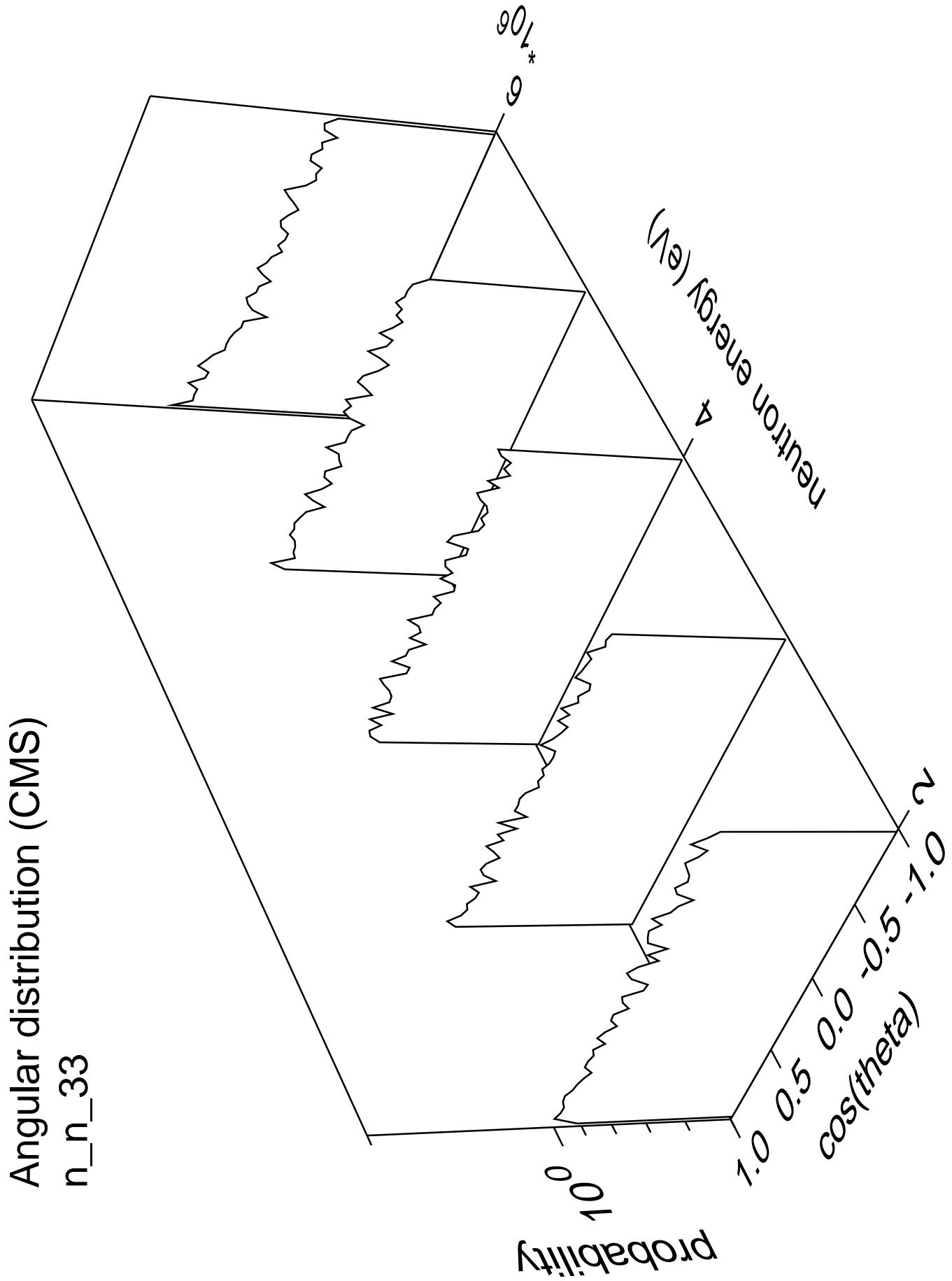


Angular distribution (CMS)

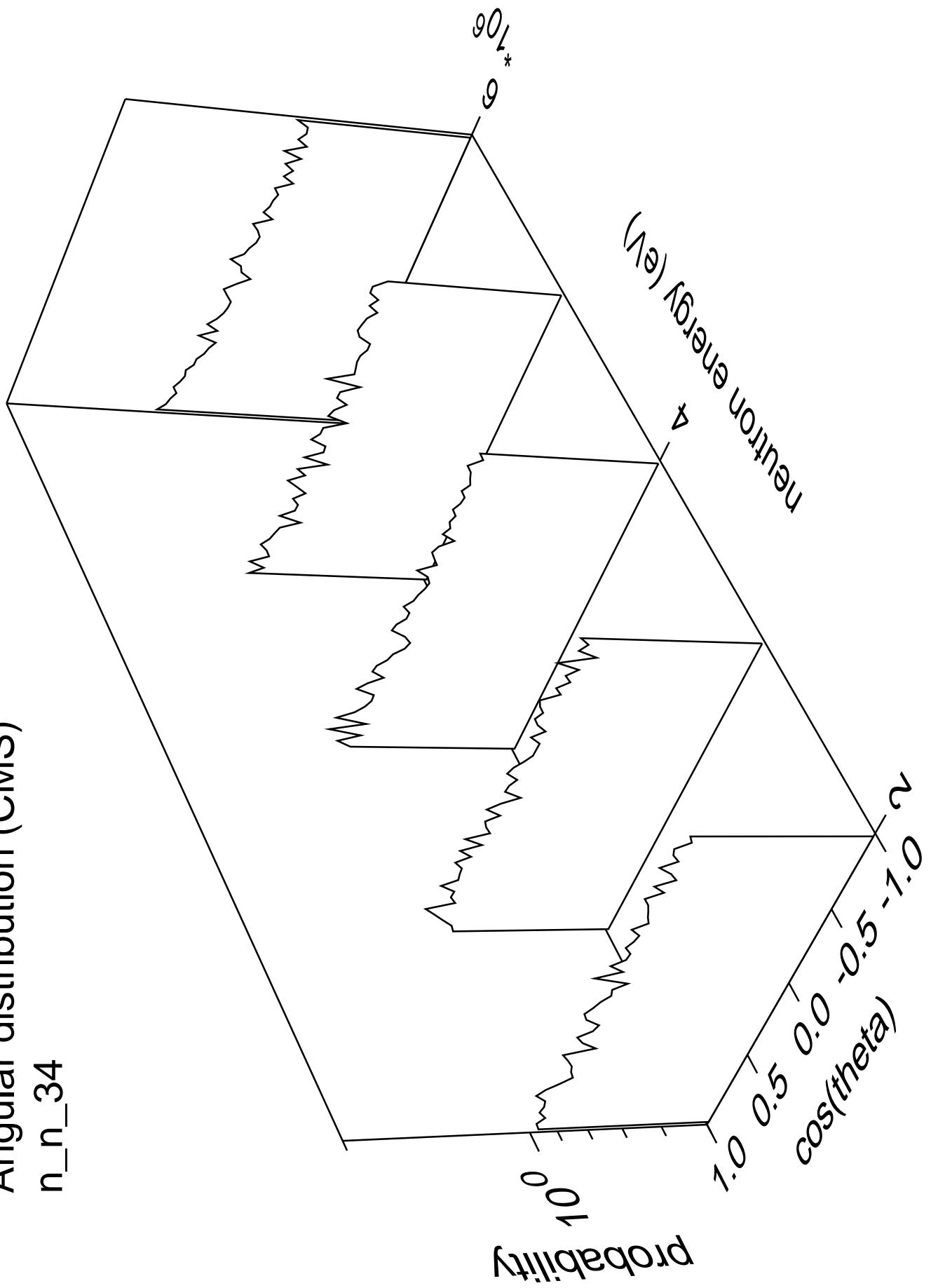
n_n_31

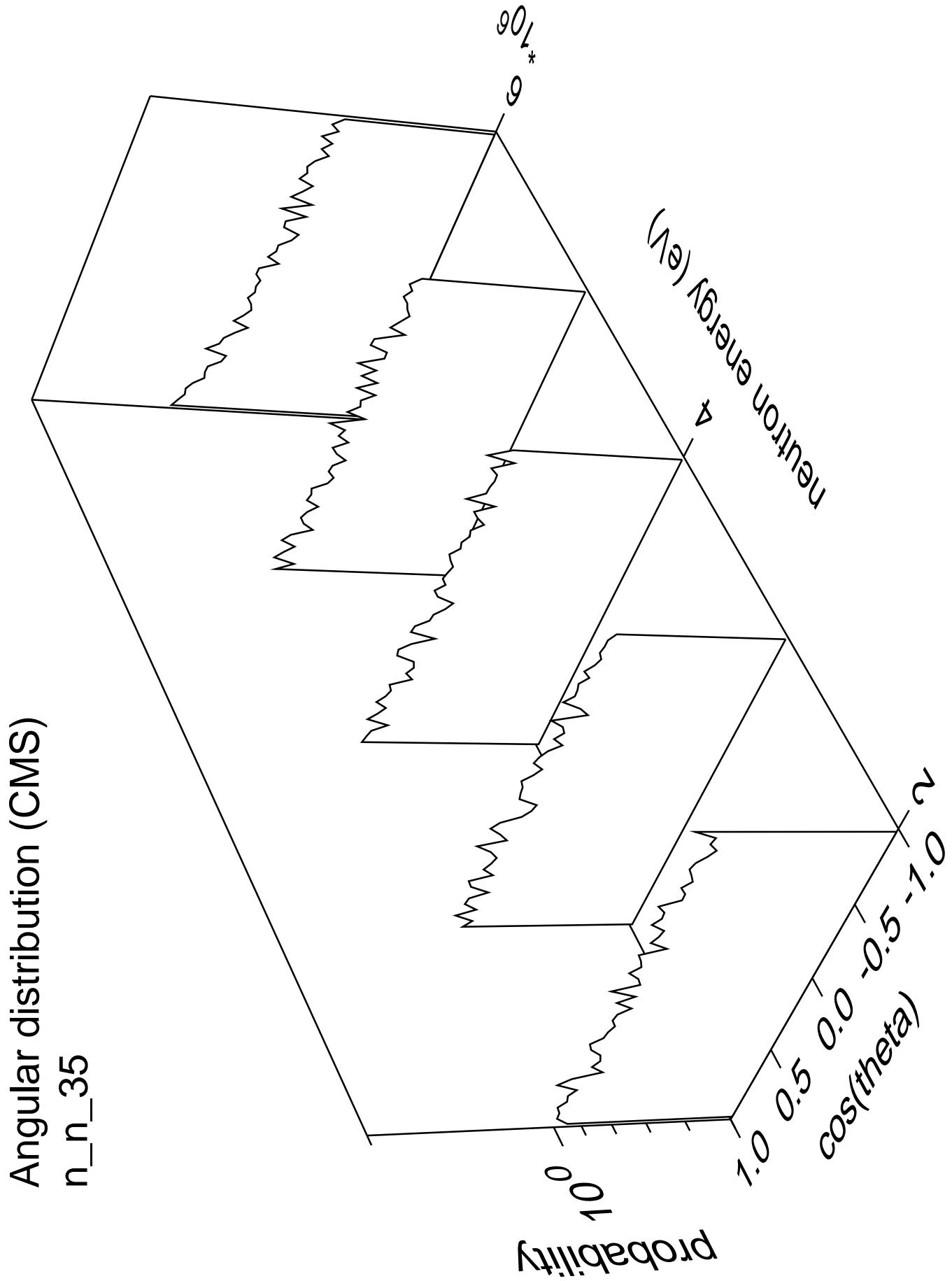


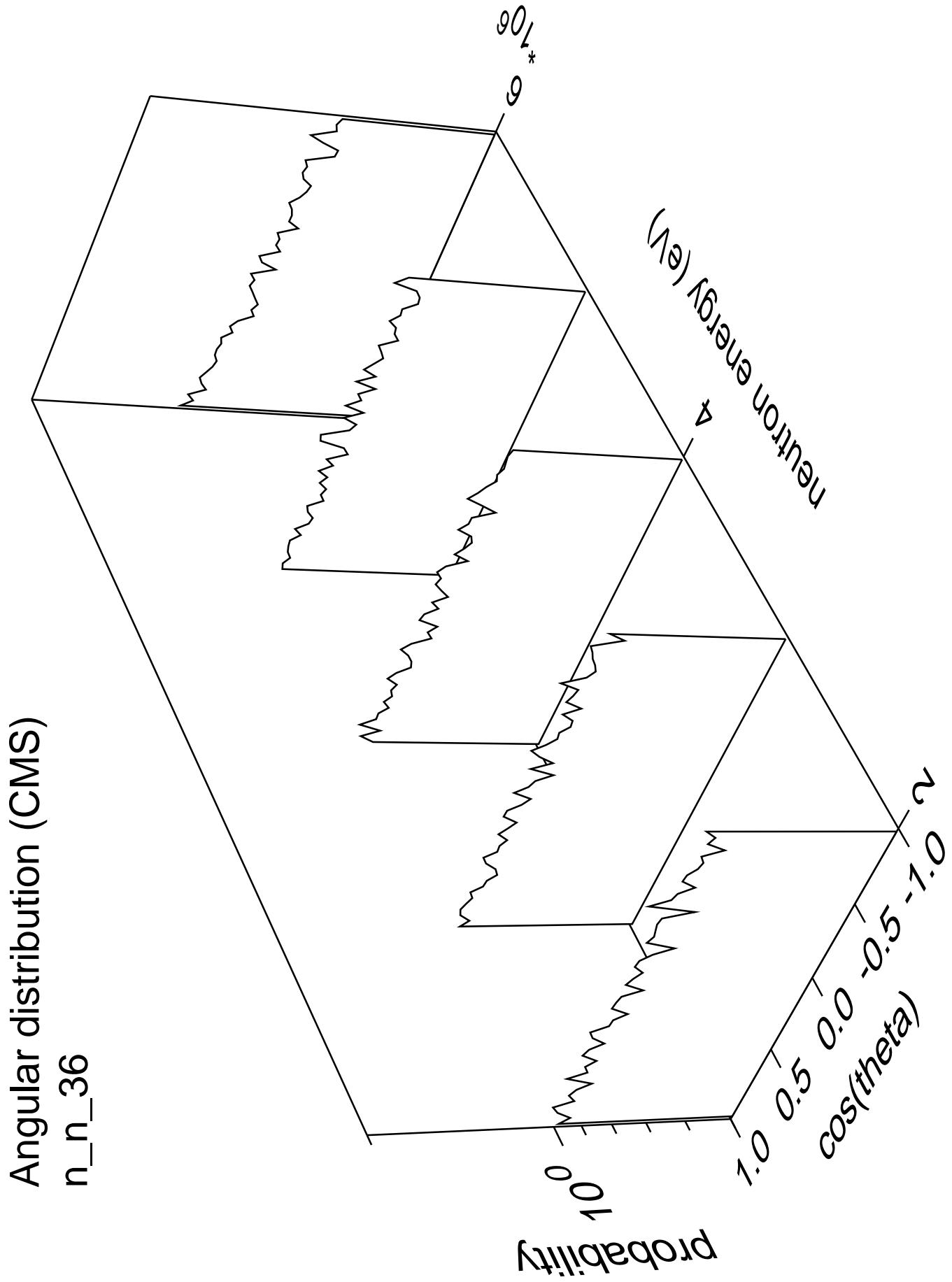




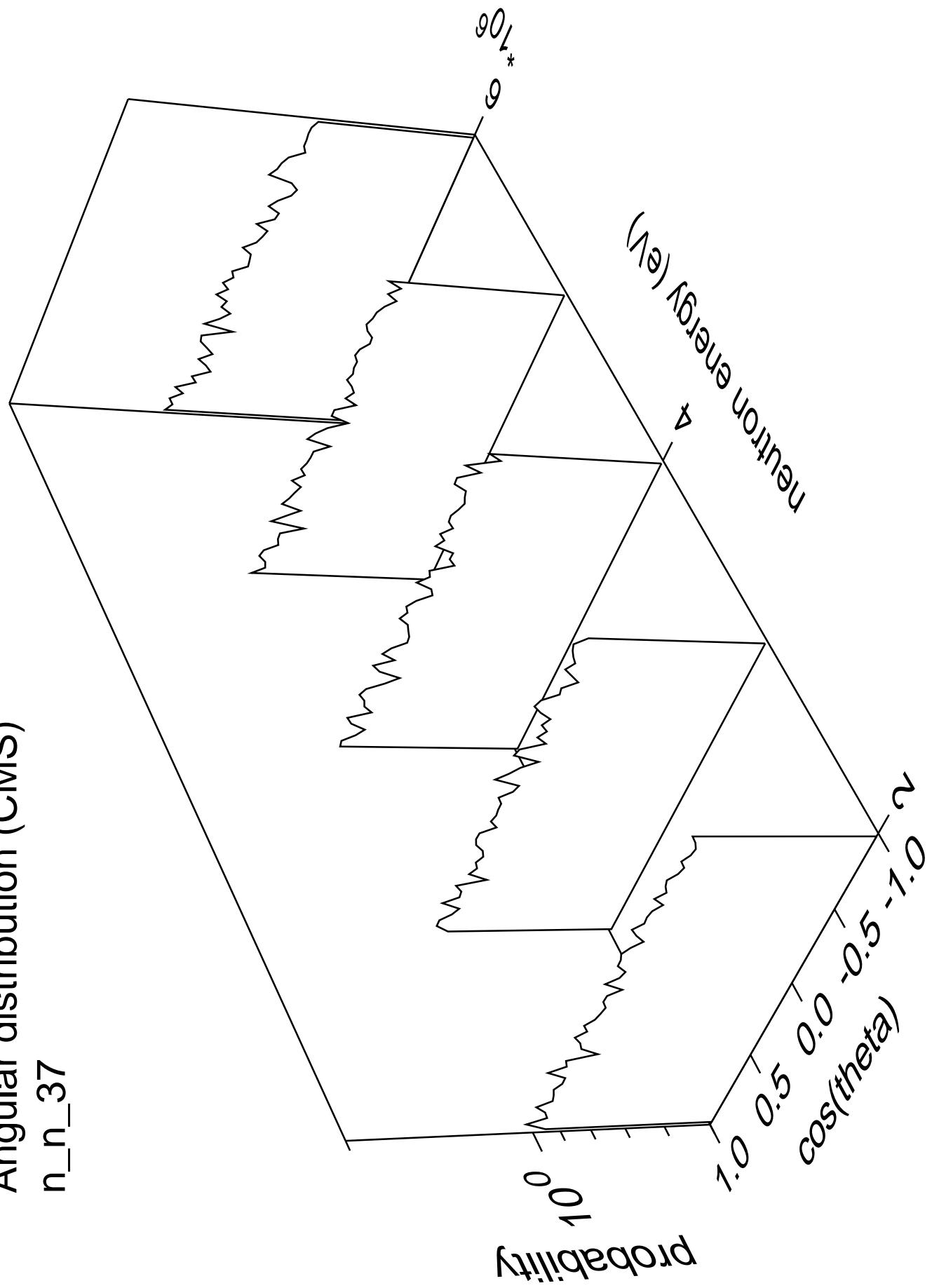
Angular distribution (CMS)
 n_n_{34}

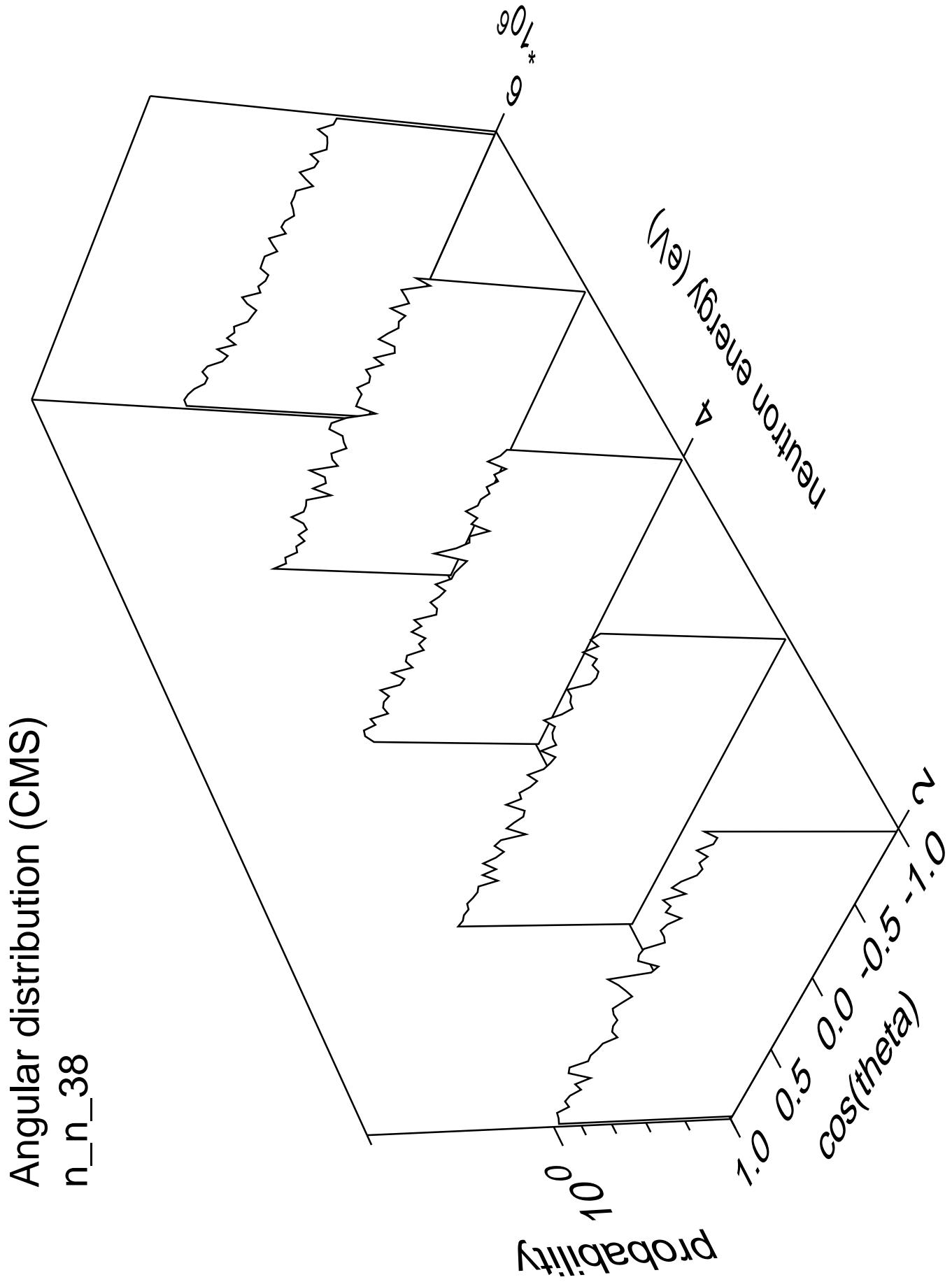


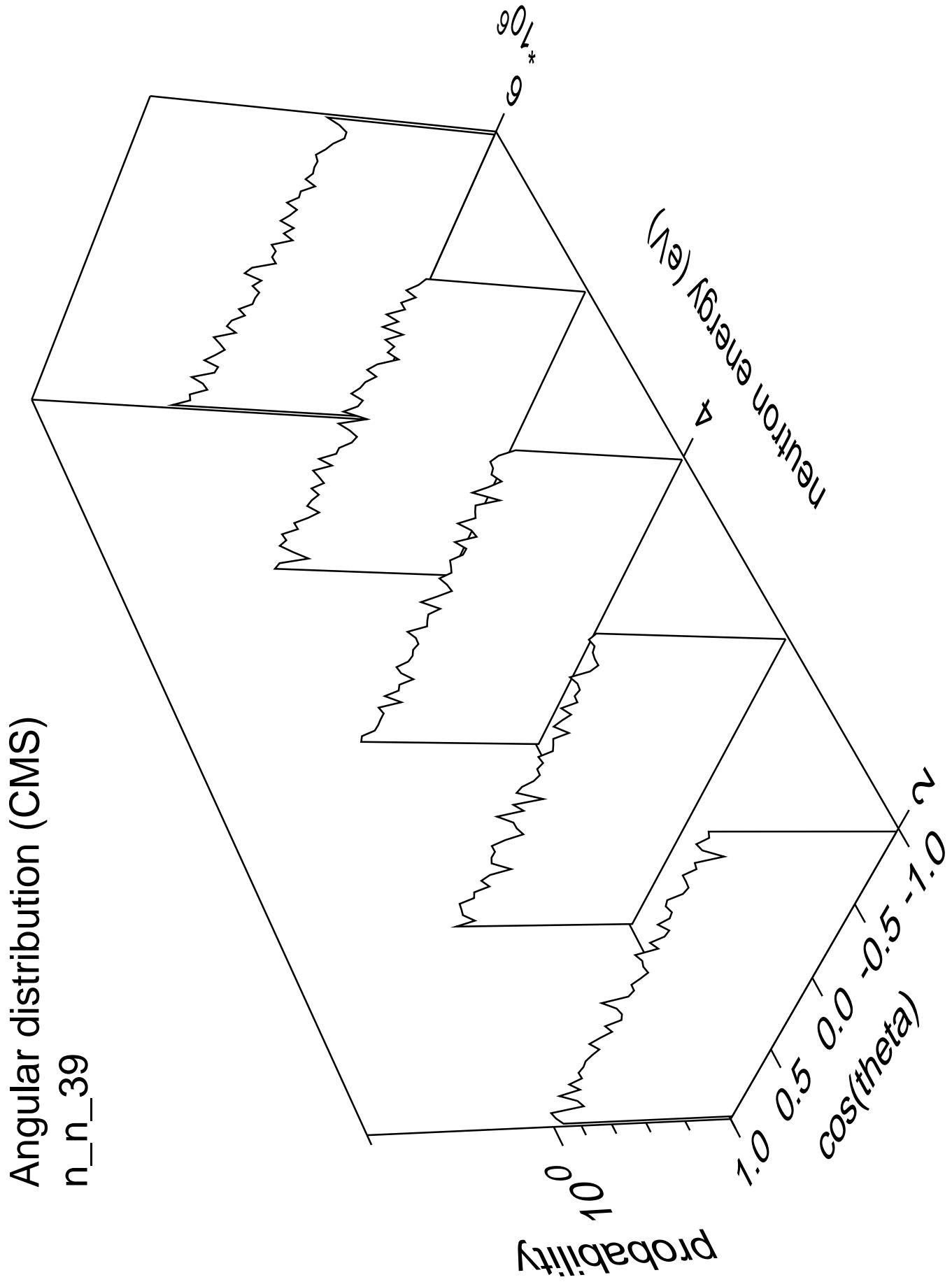


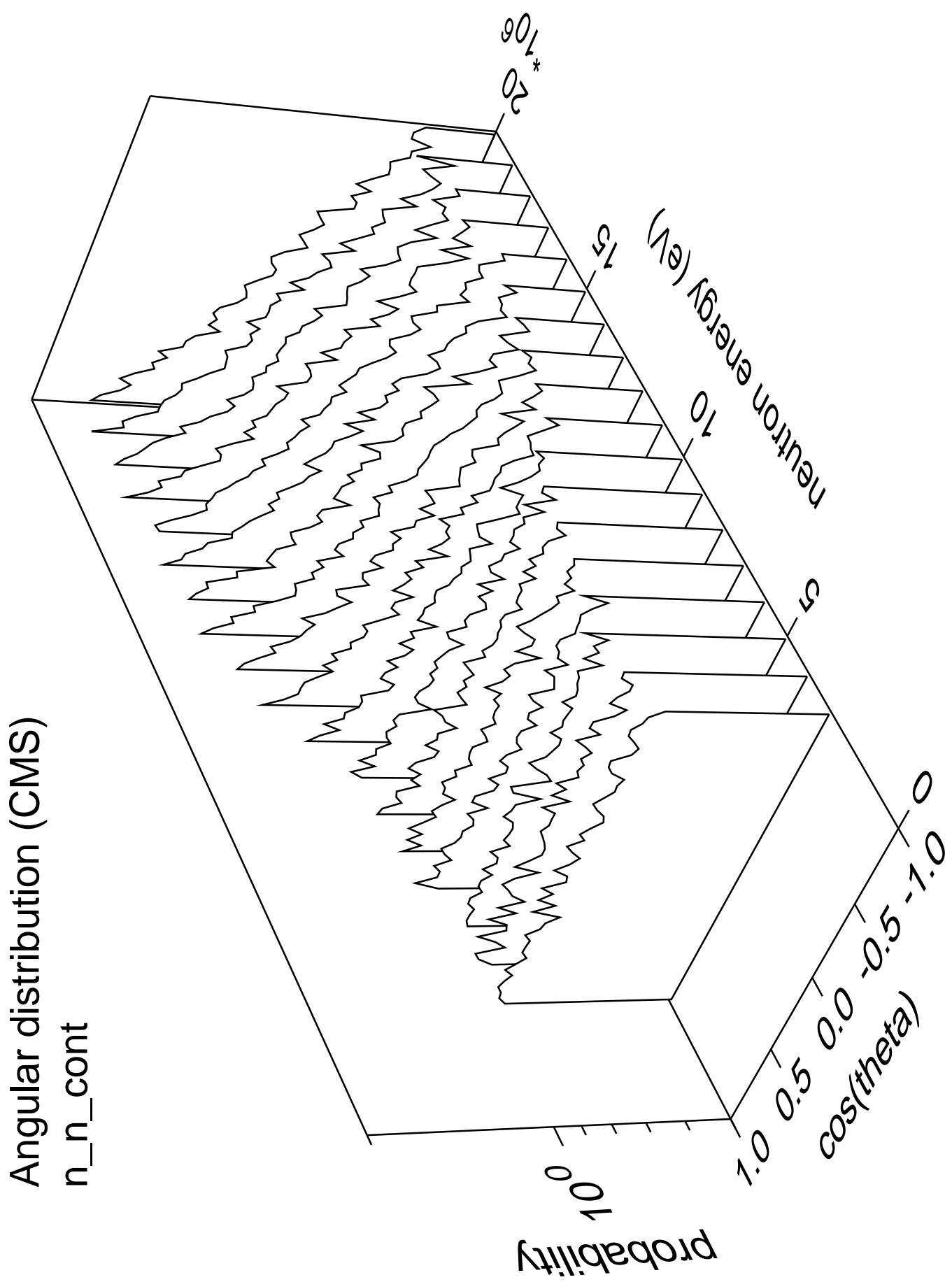


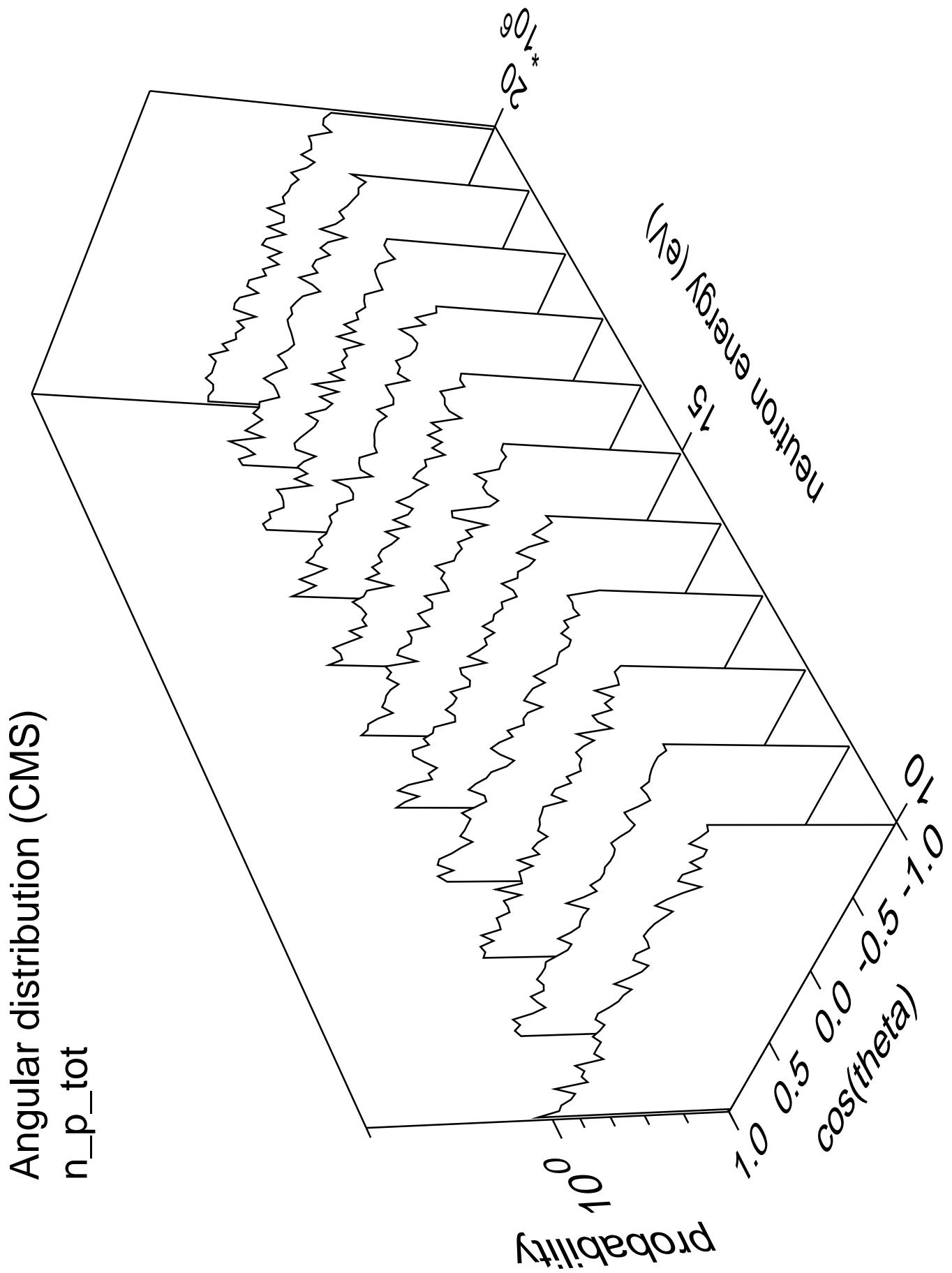
Angular distribution (CMS)
n_n_37

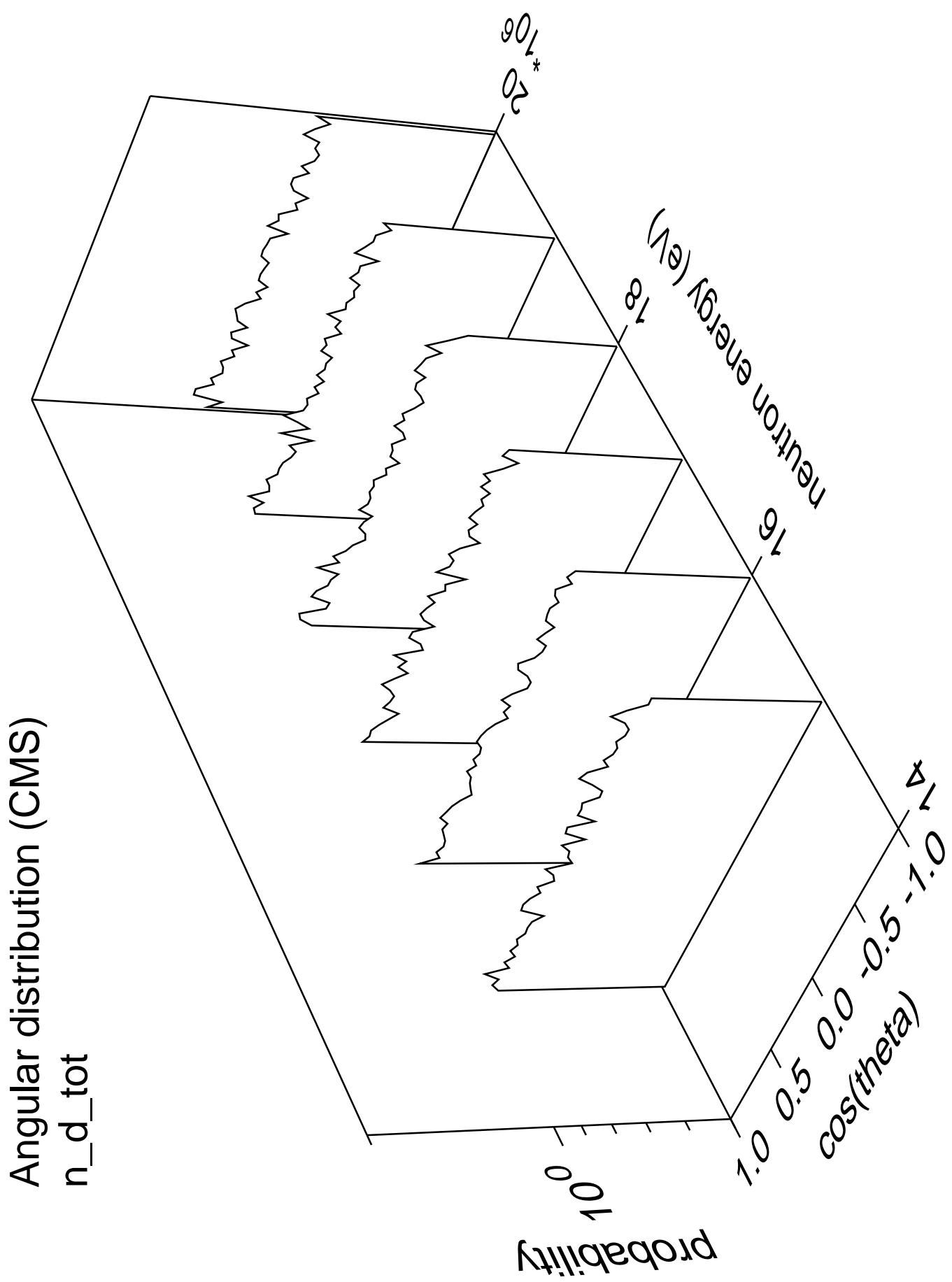


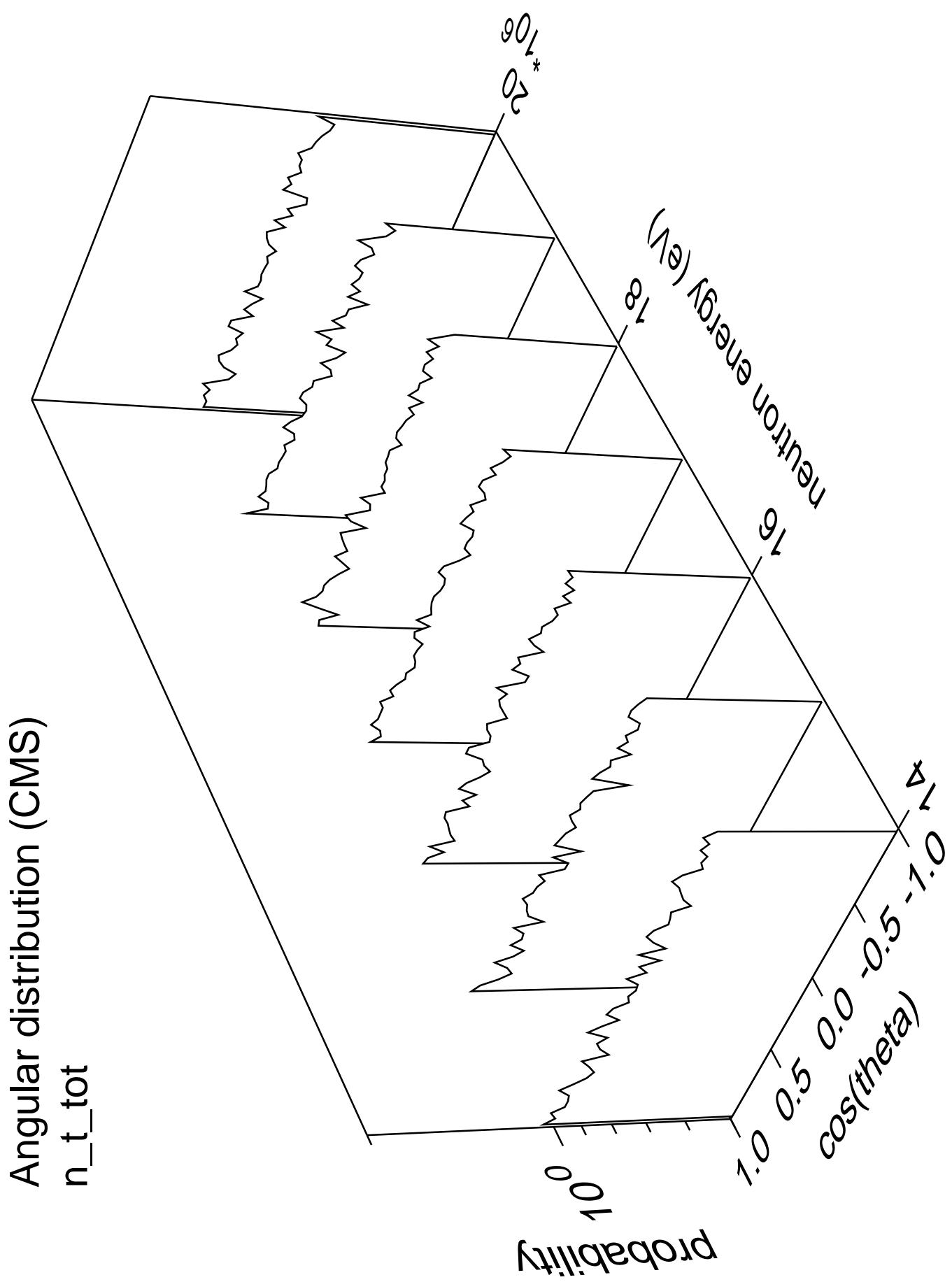


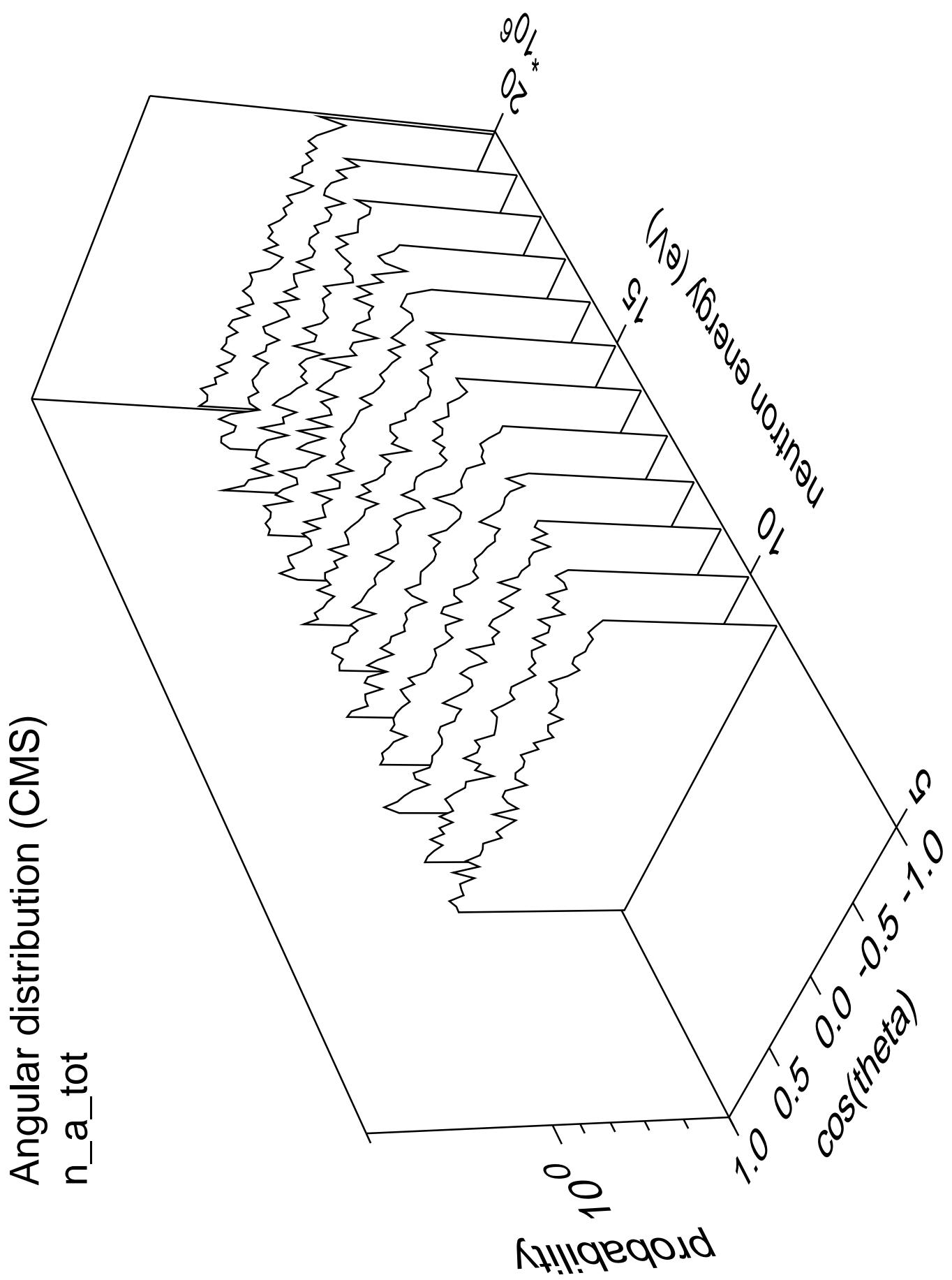


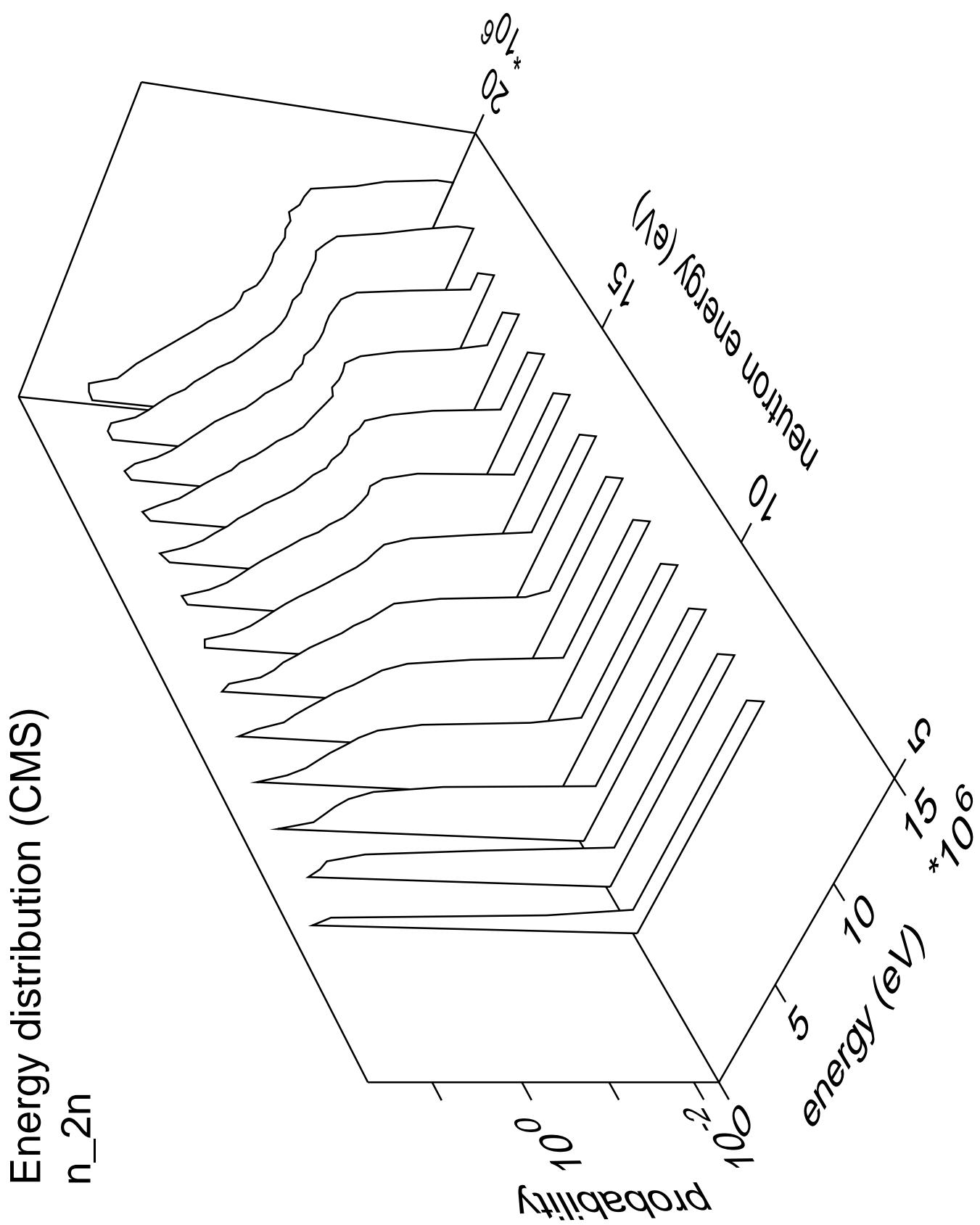


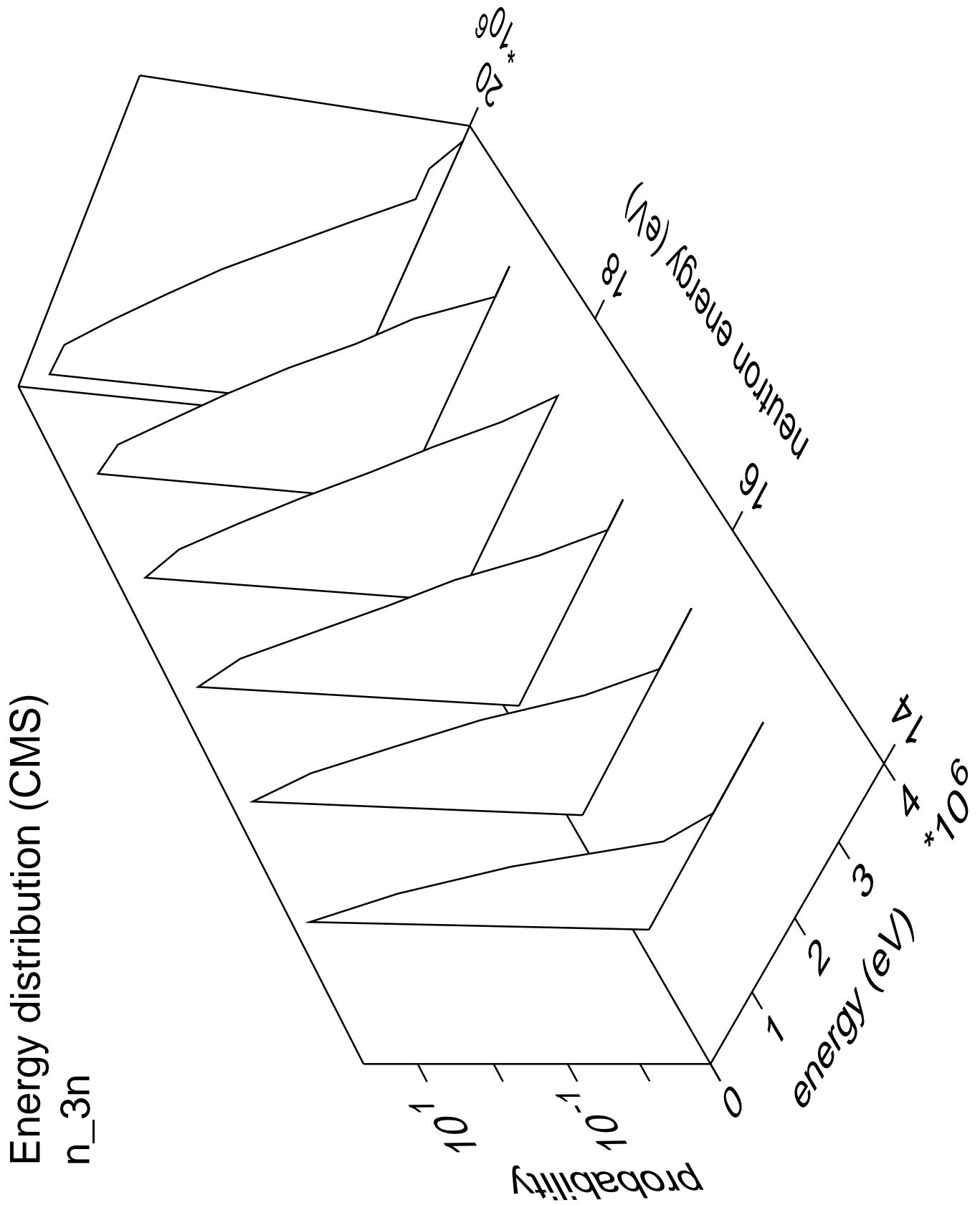




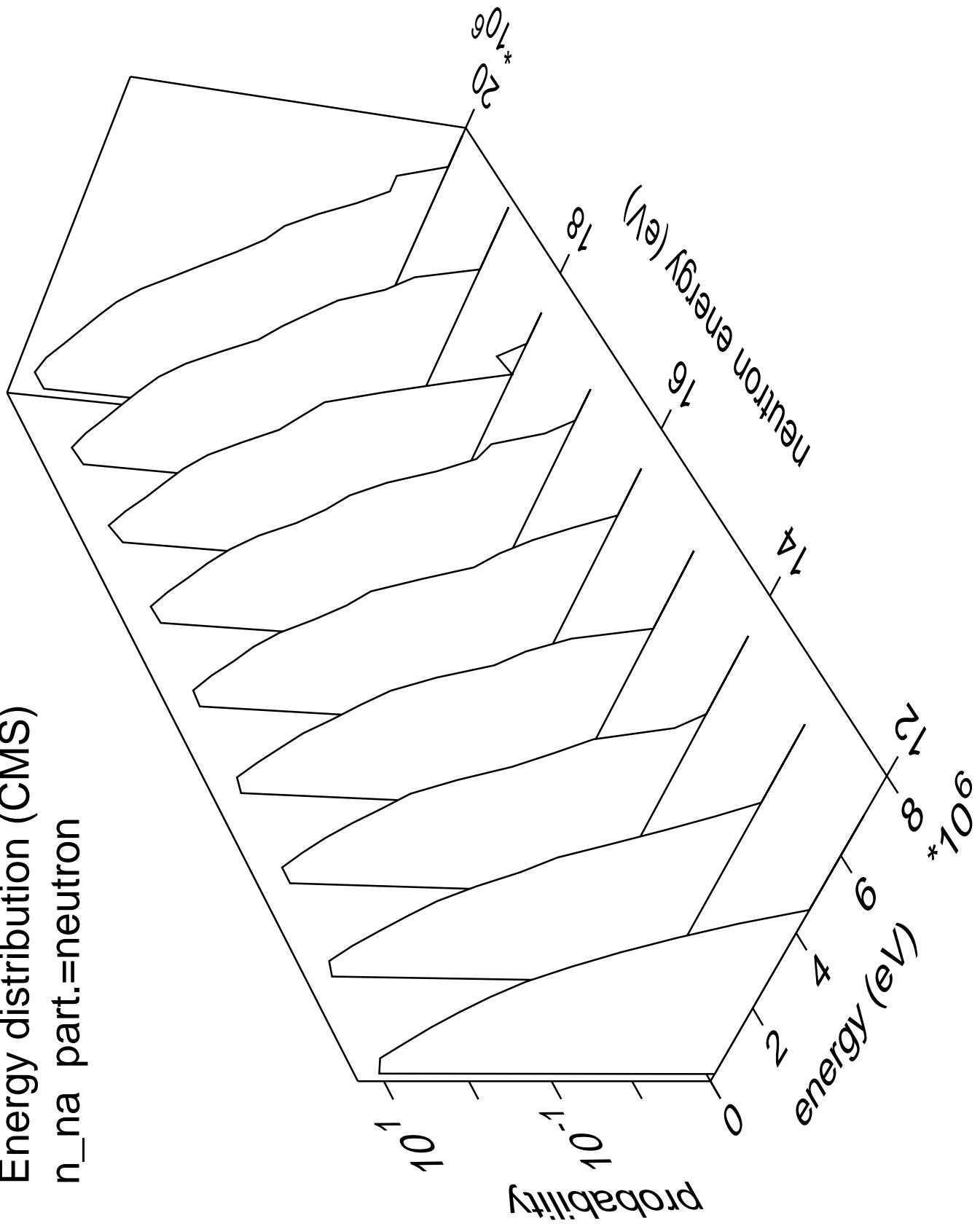




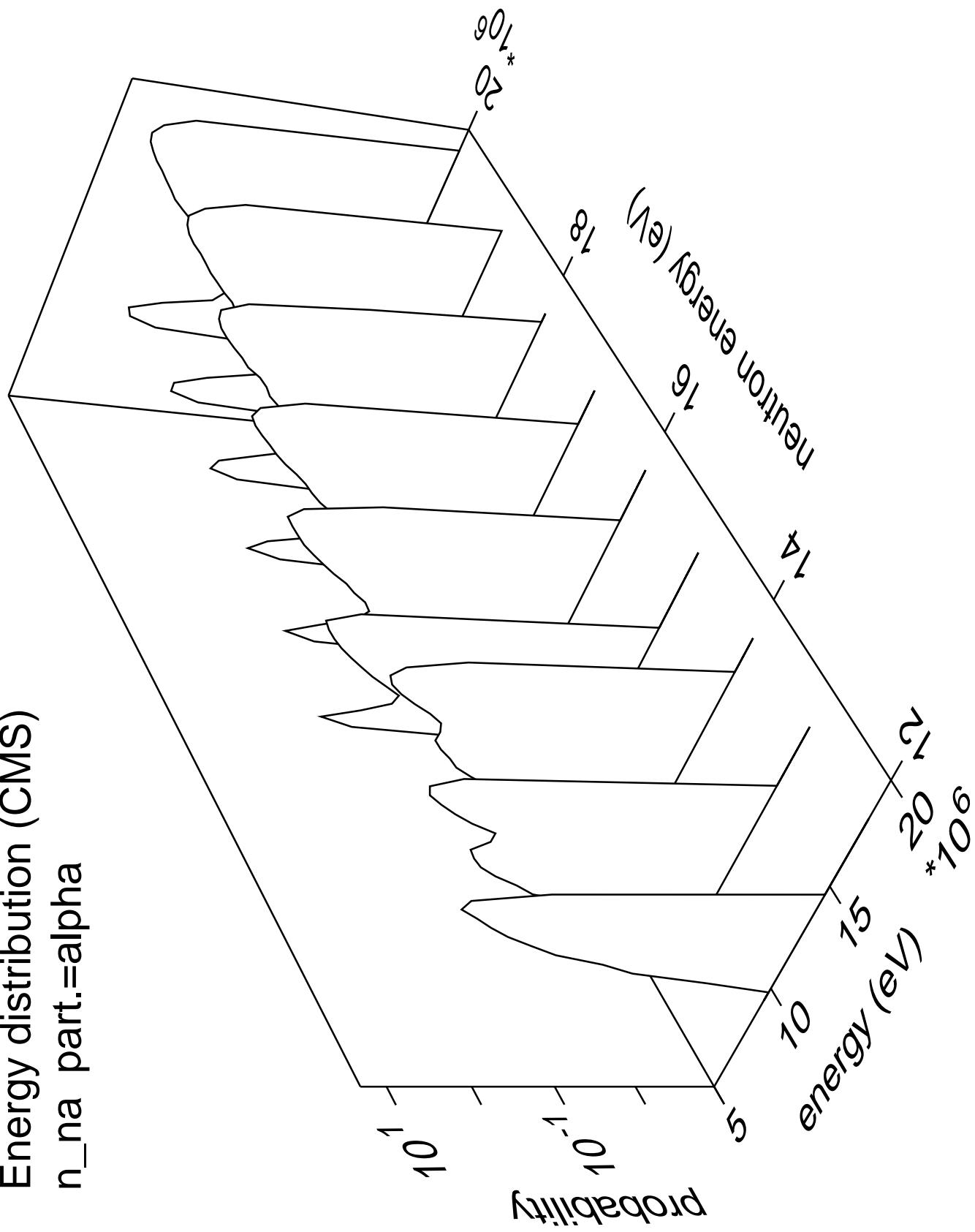


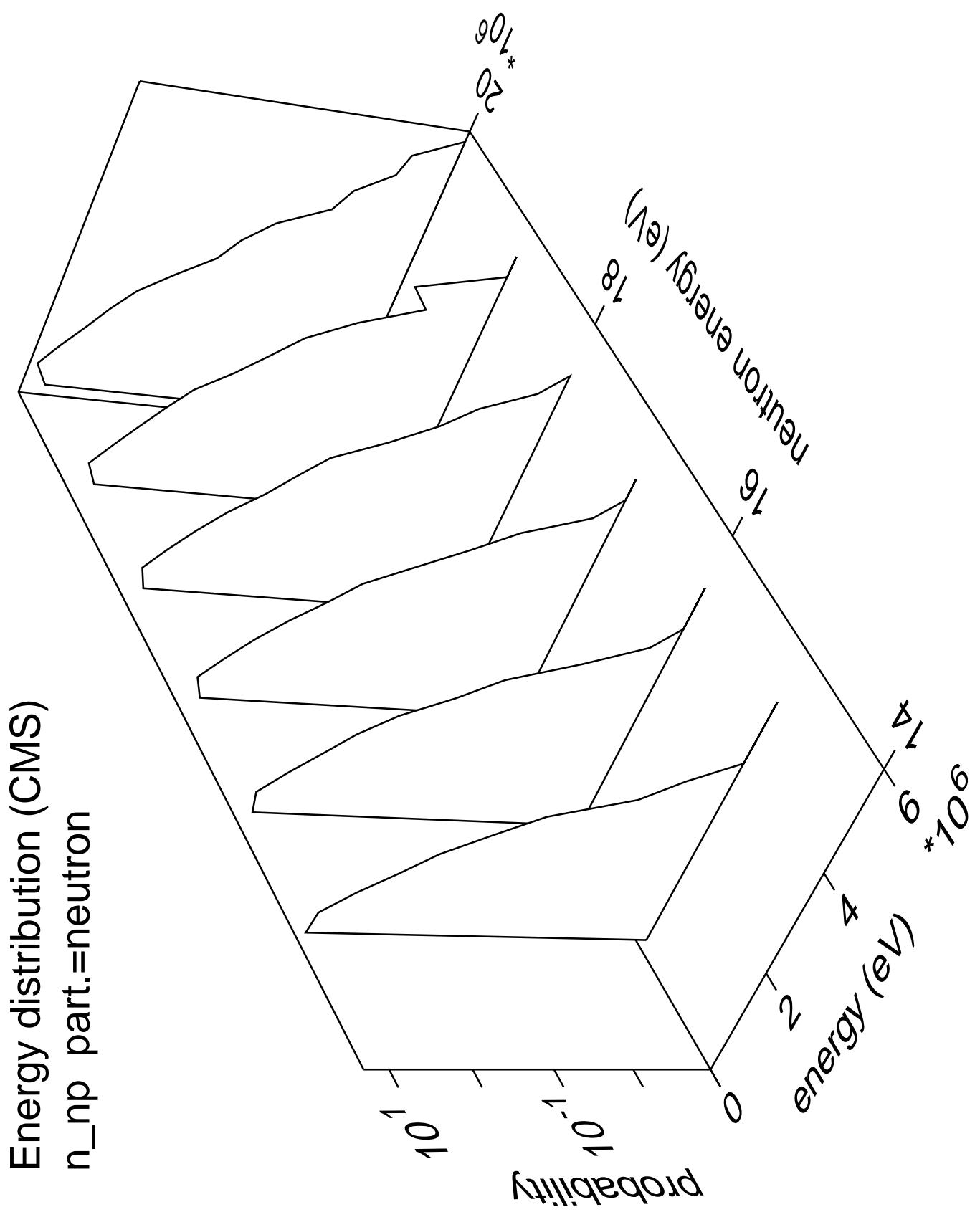


Energy distribution (CMS)
 $n_{\text{na}} \text{ part.} = \text{neutron}$

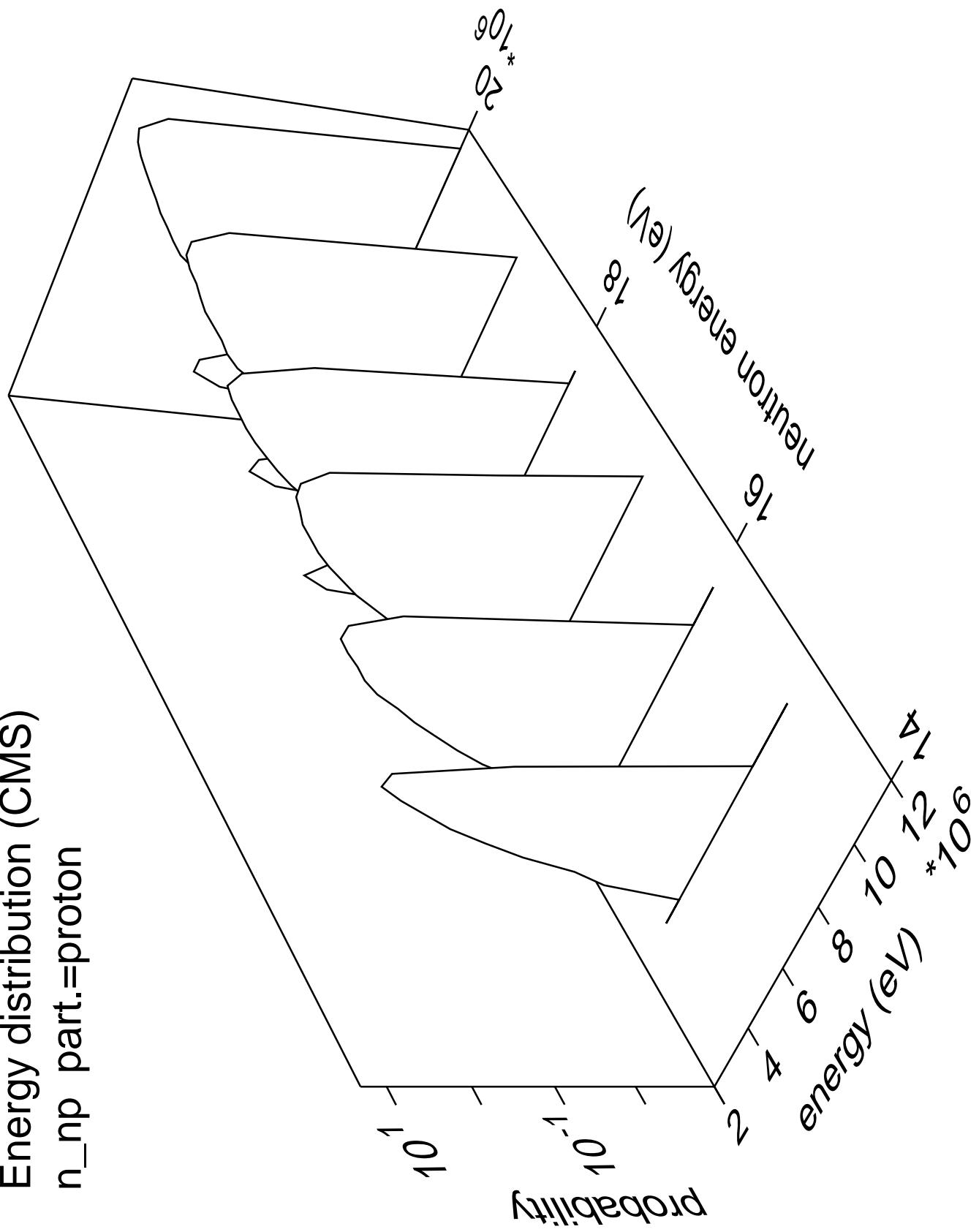


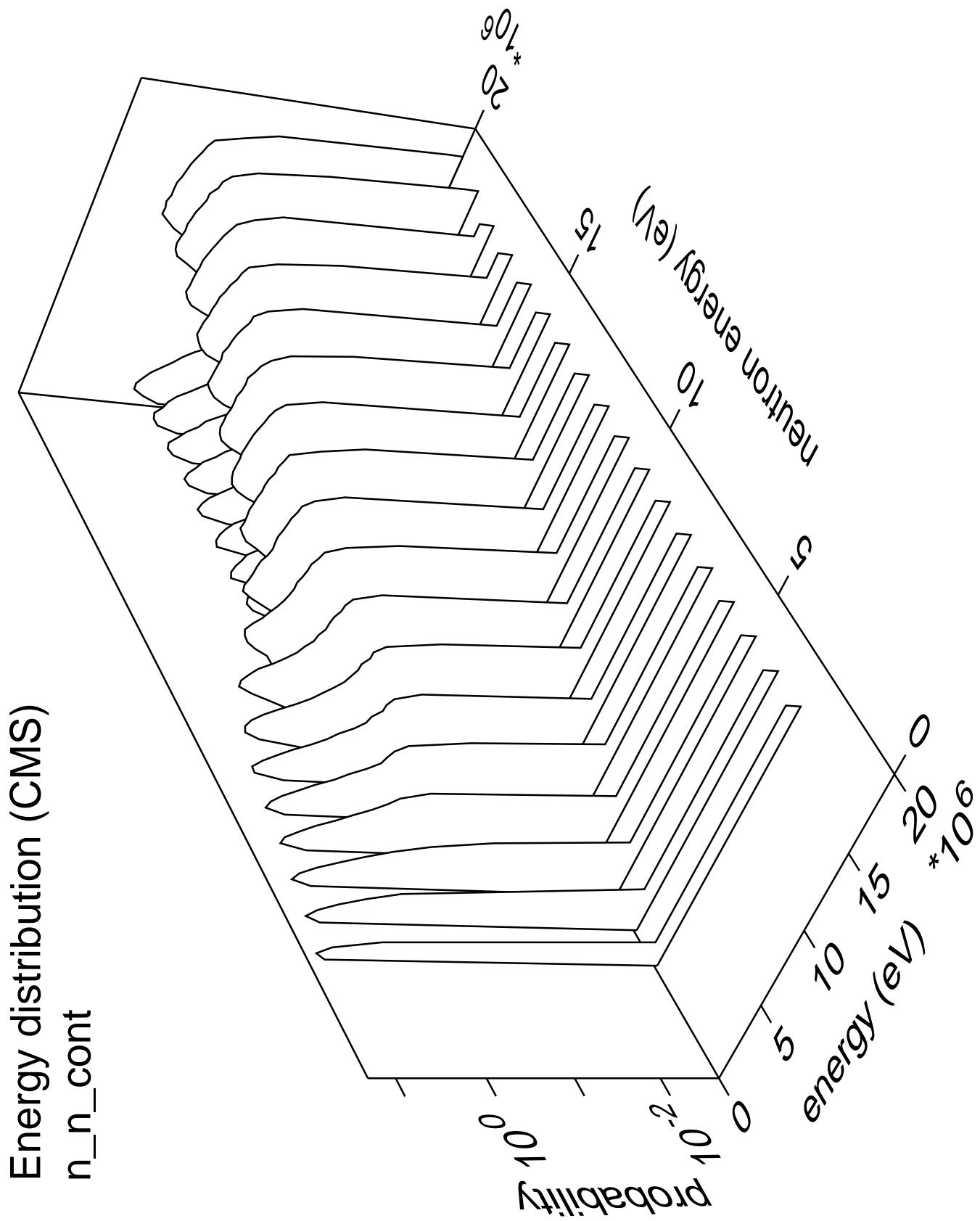
Energy distribution (CMS)
 $n_{\text{na}} \text{ part.} = \text{alpha}$

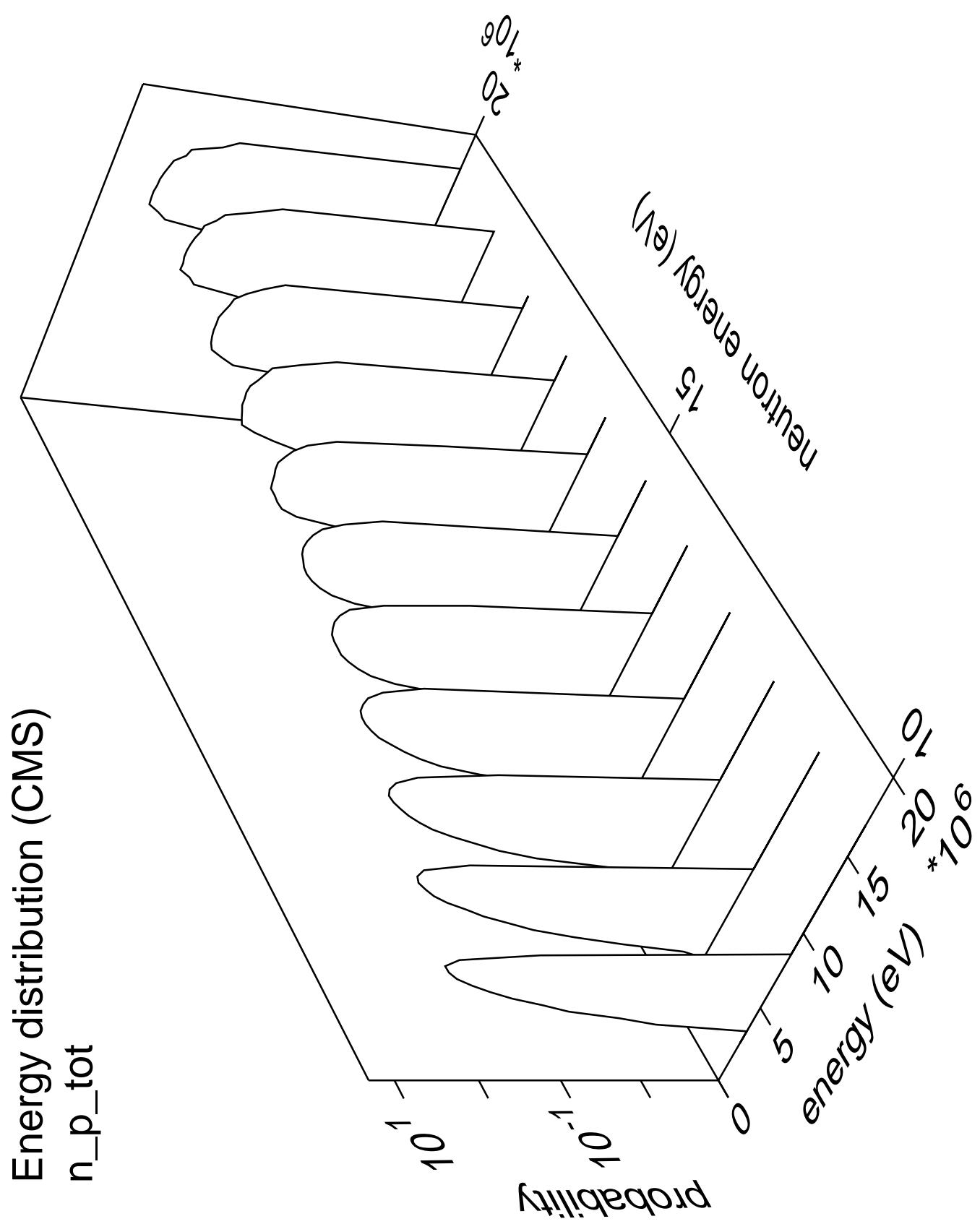


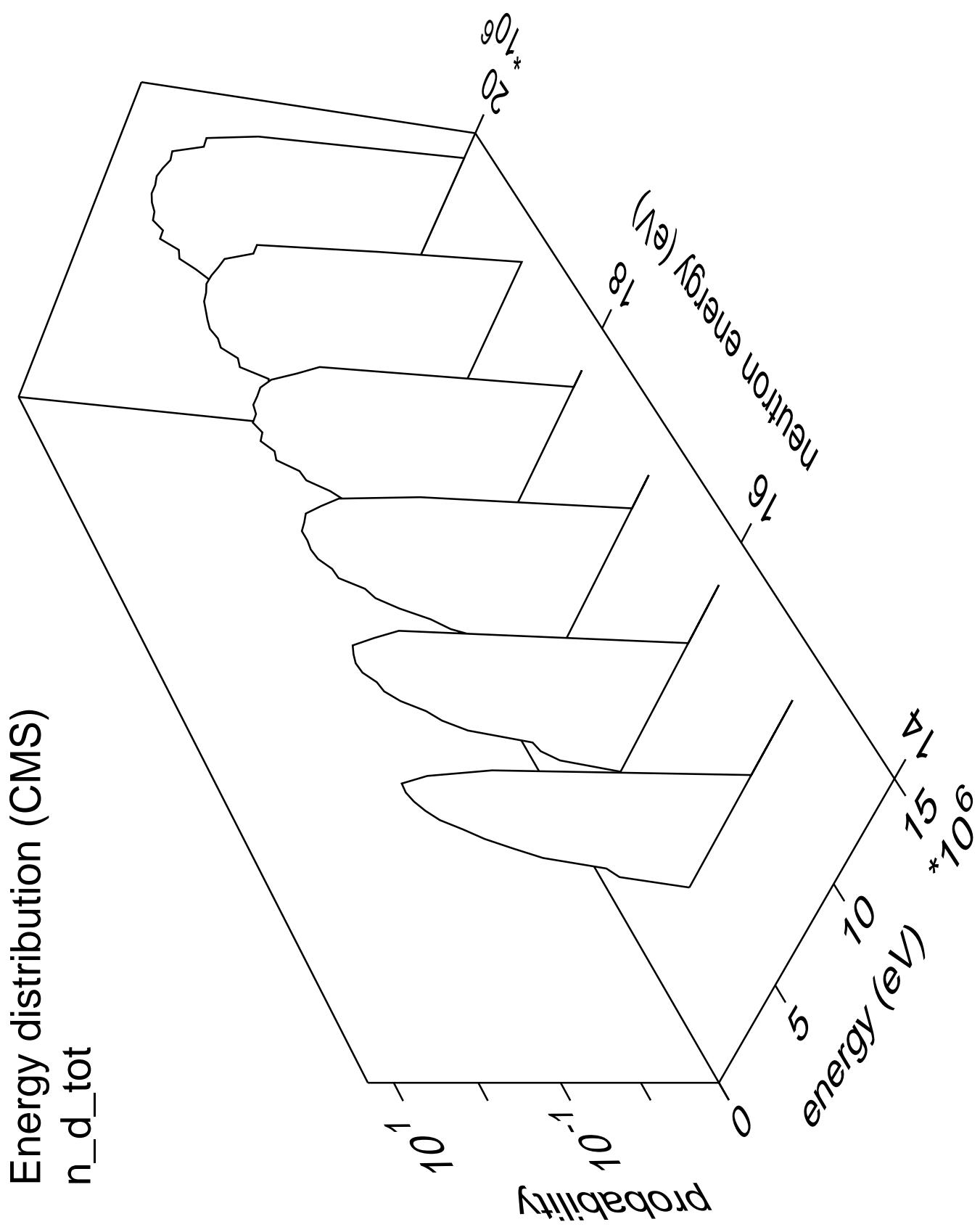


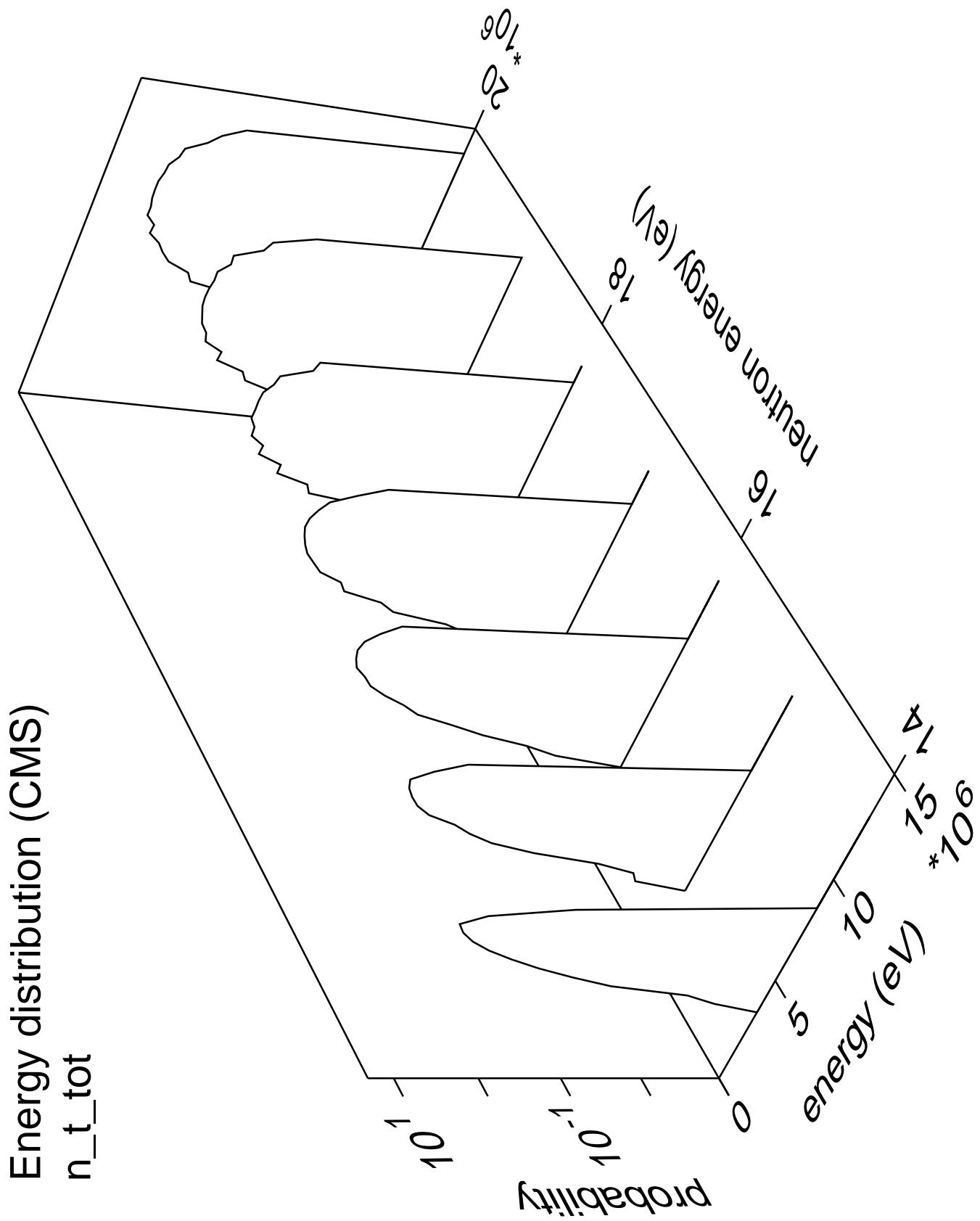
Energy distribution (CMS)
 n_{np} part.=proton

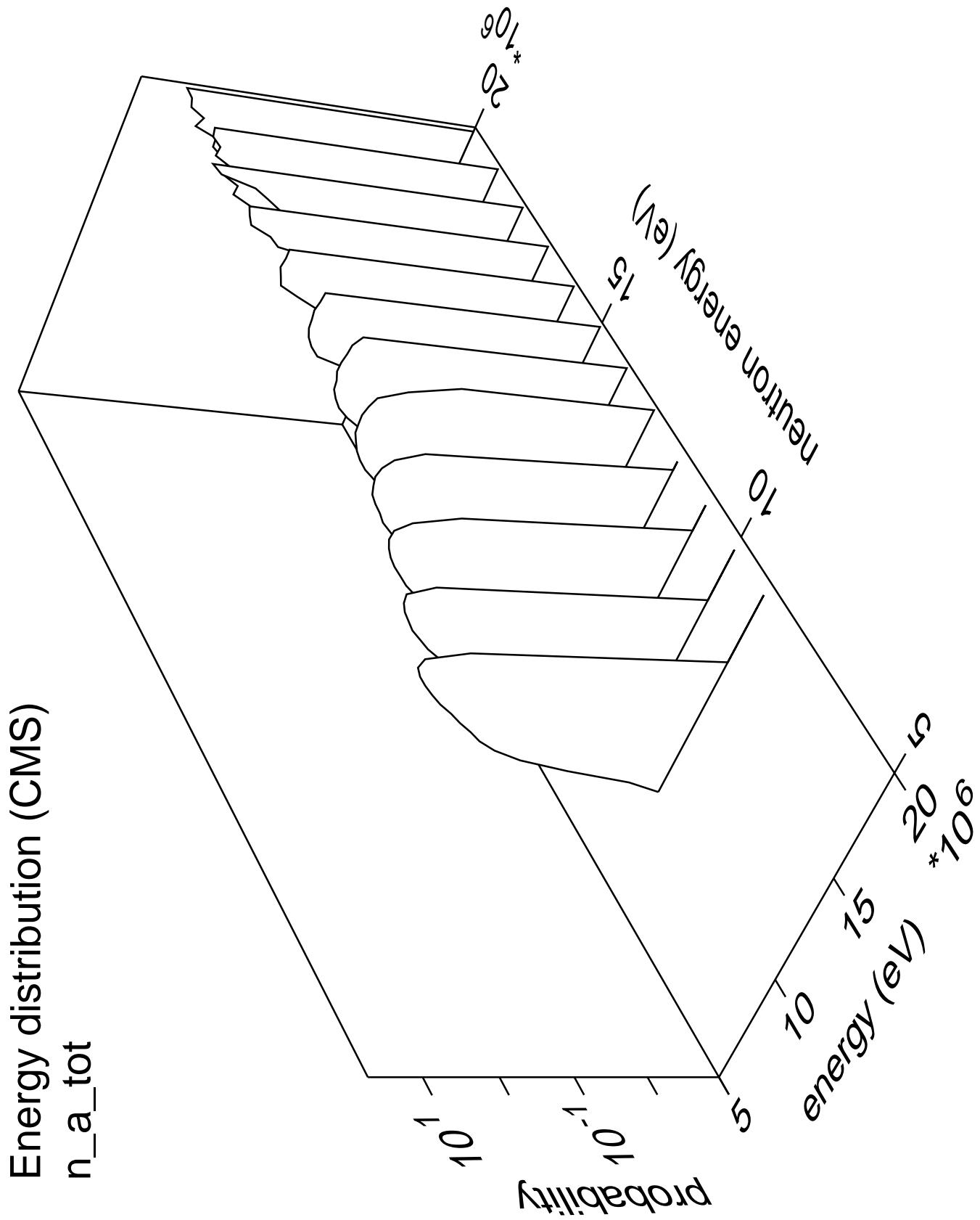




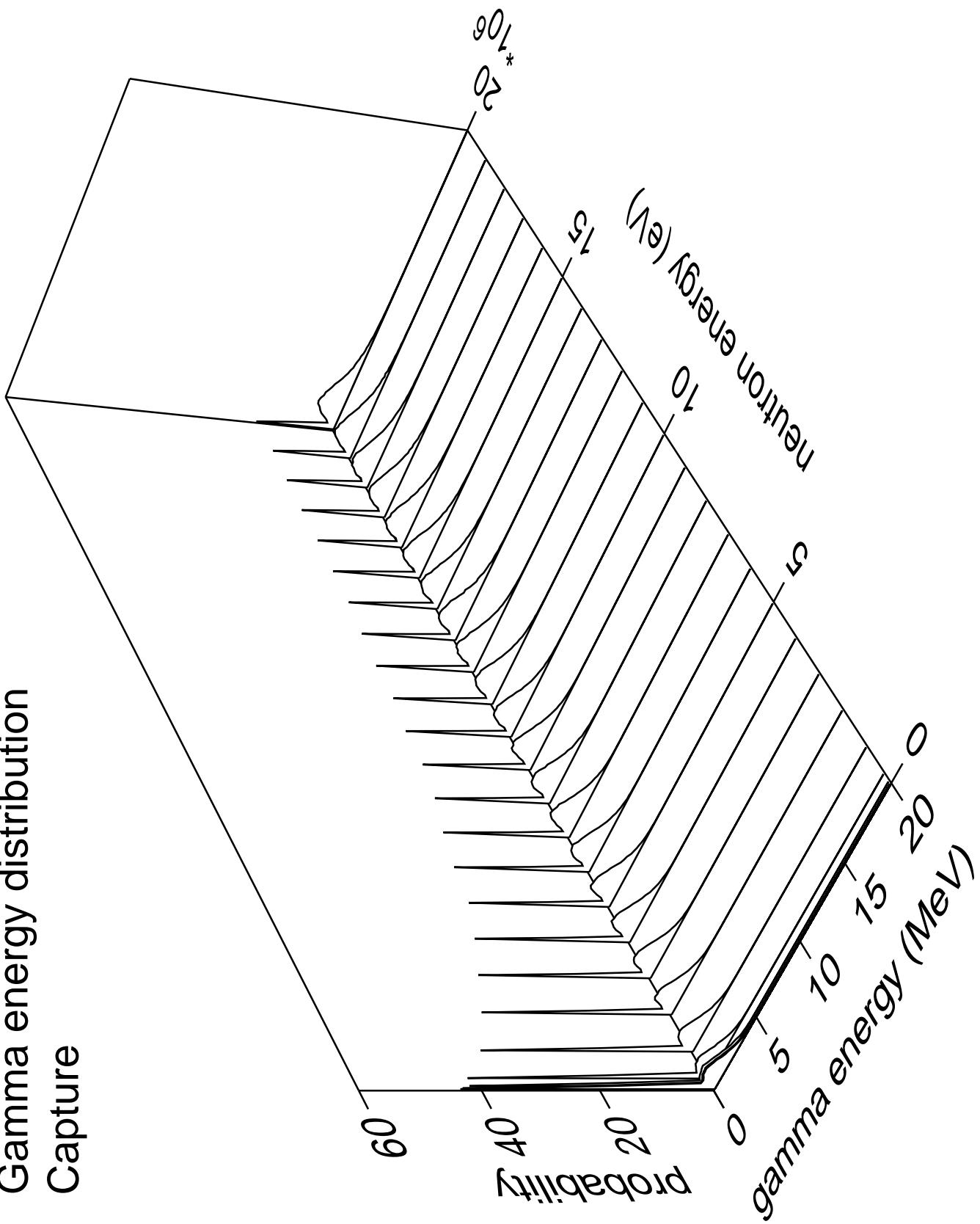




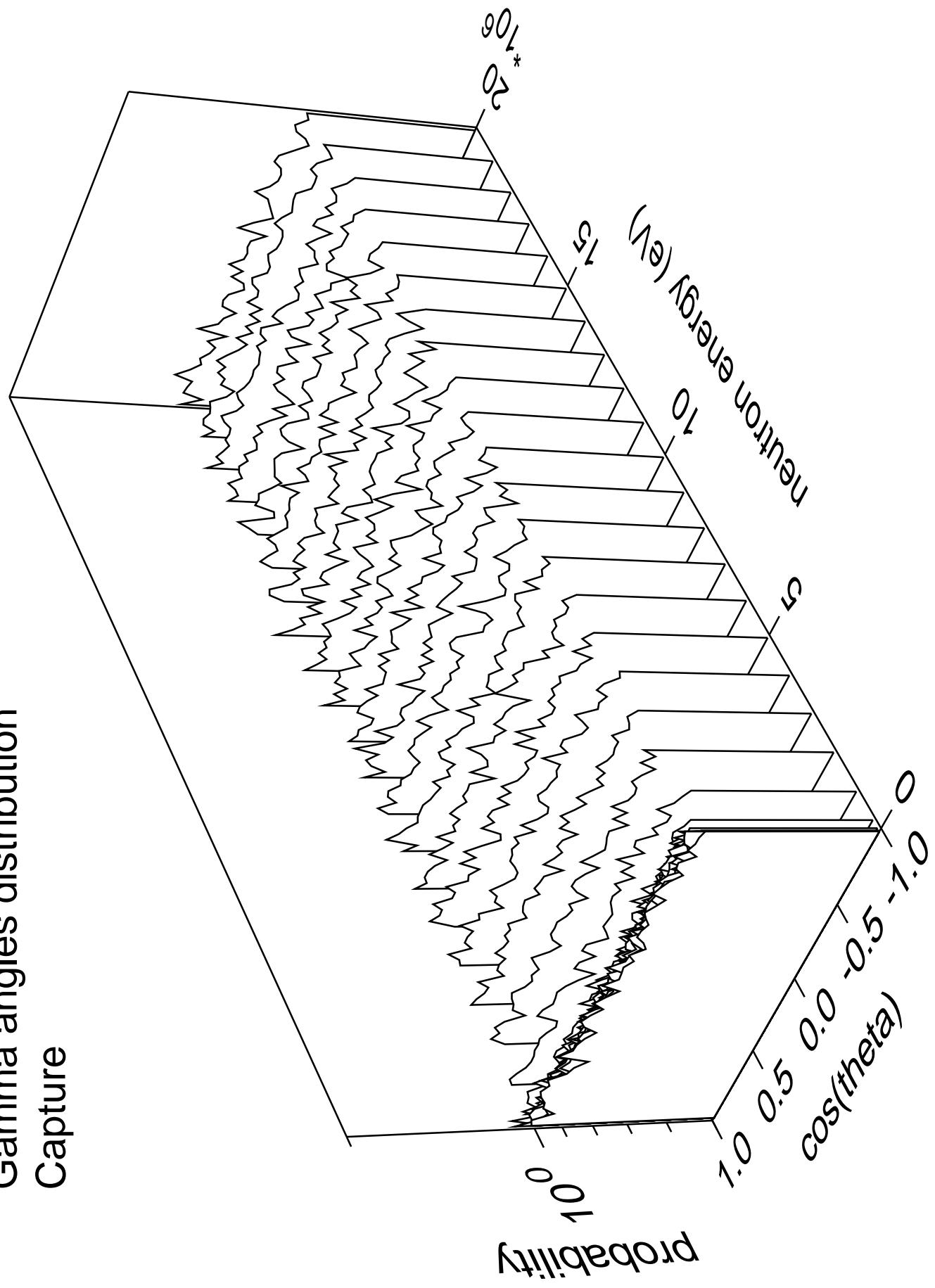




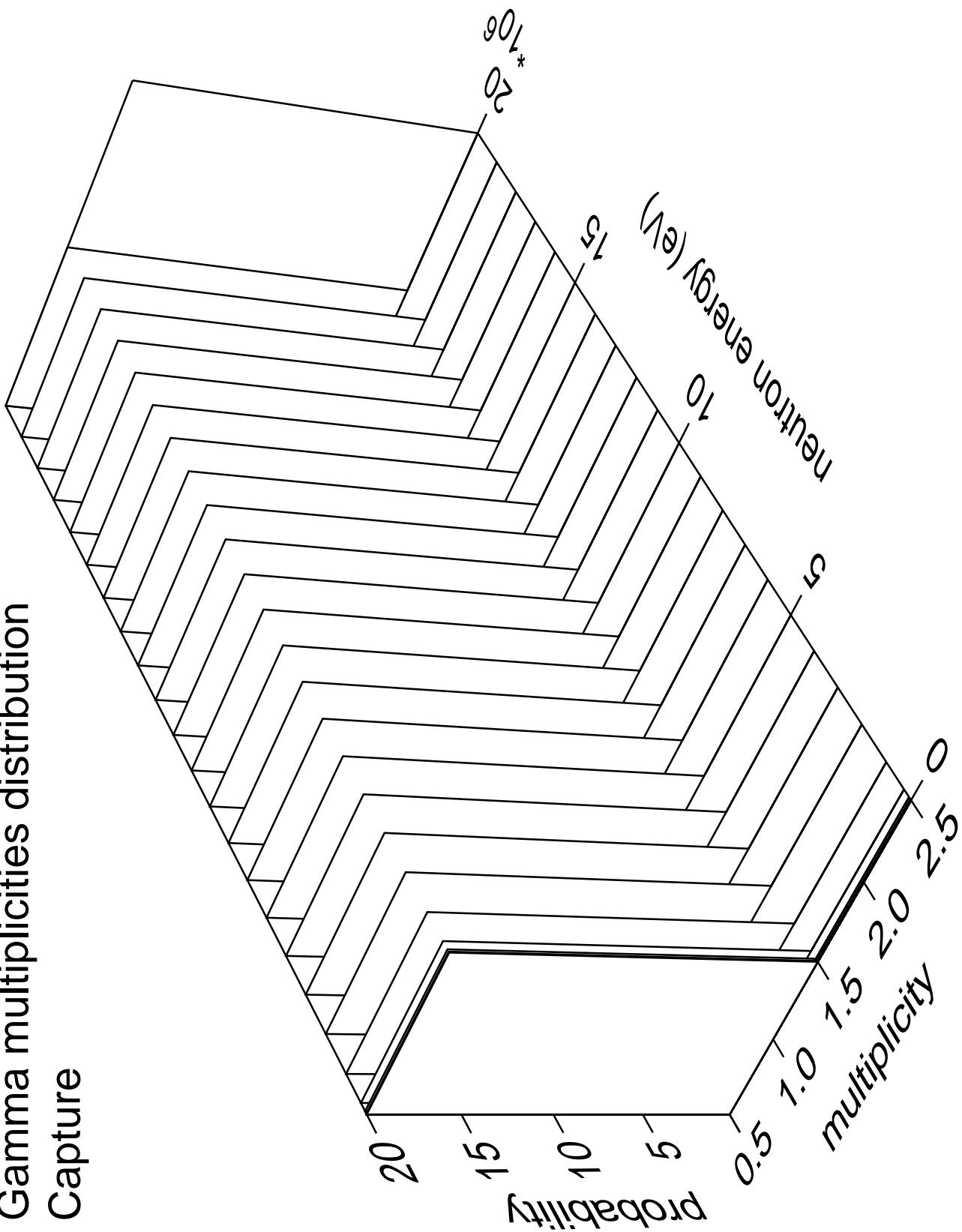
Gamma energy distribution Capture



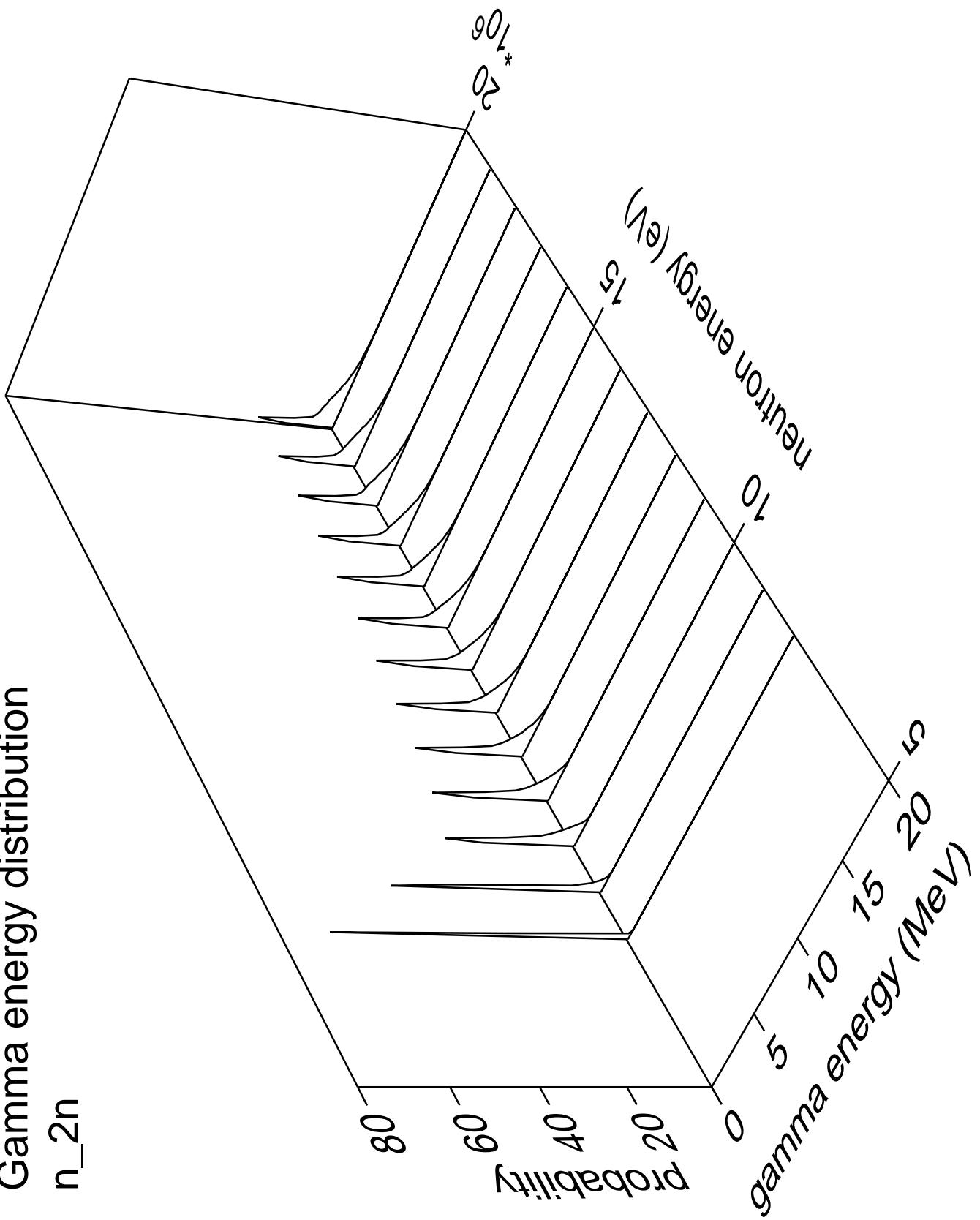
Gamma angles distribution Capture



Gamma multiplicities distribution Capture

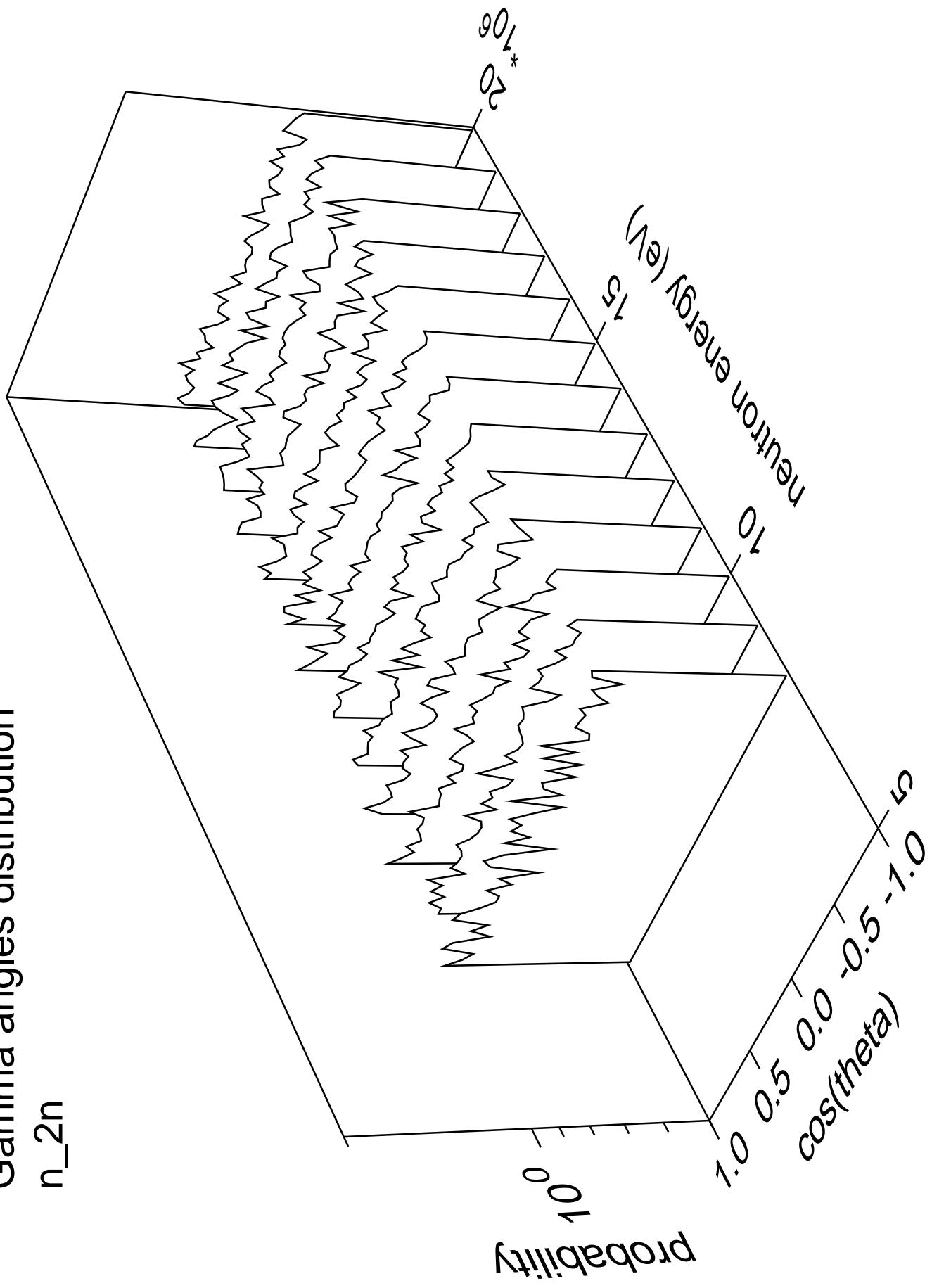


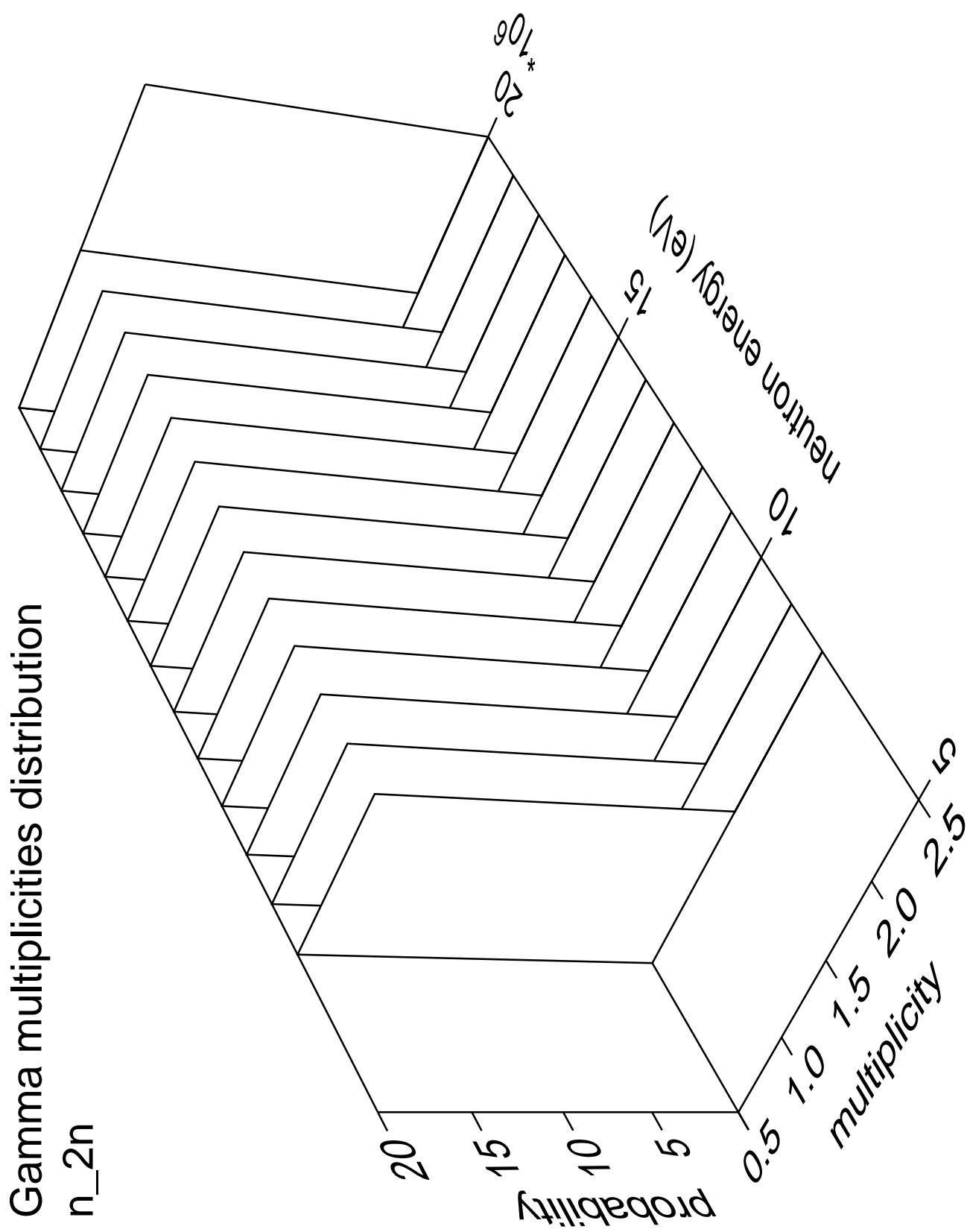
Gamma energy distribution n_2n



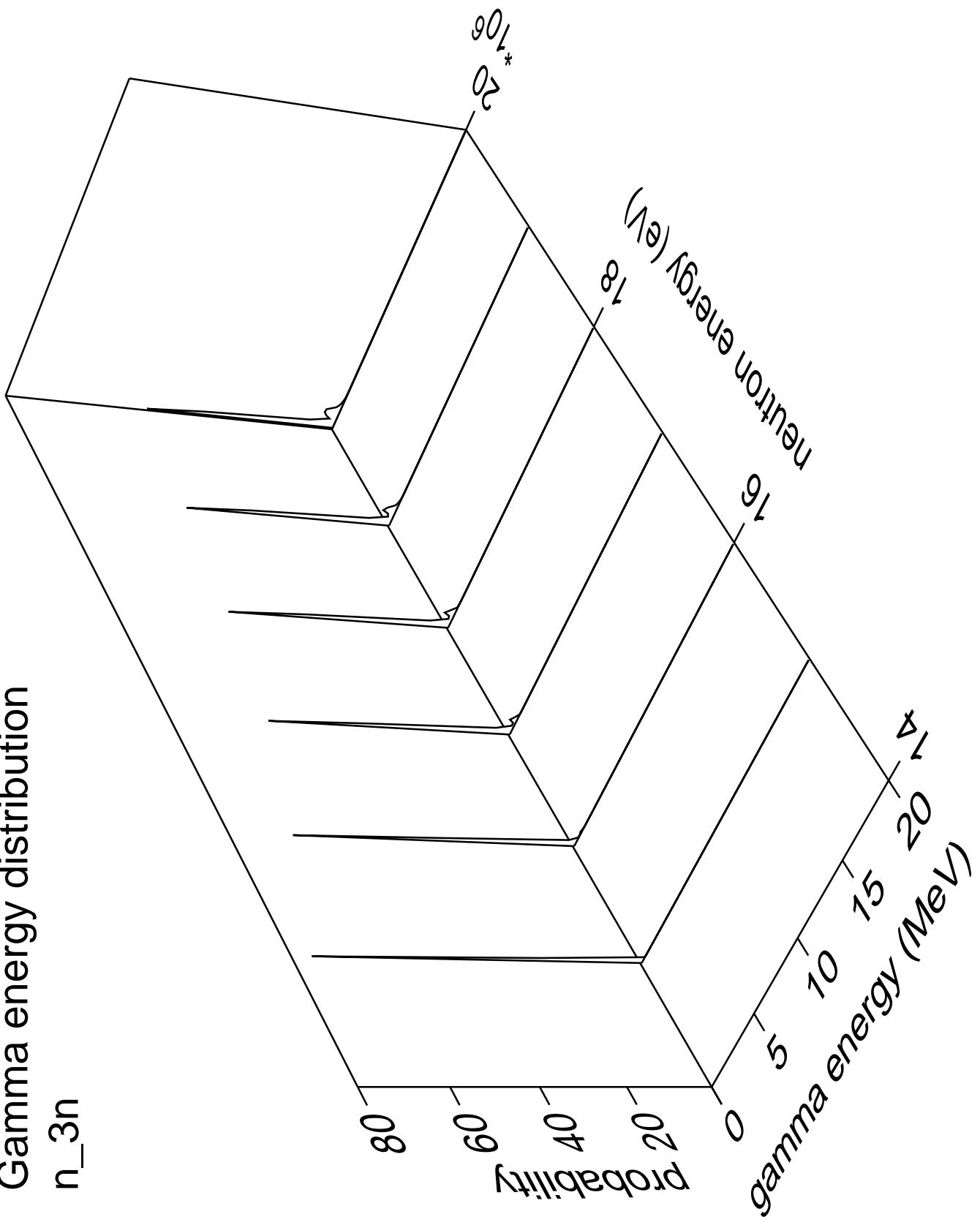
Gamma angles distribution

n_{2n}

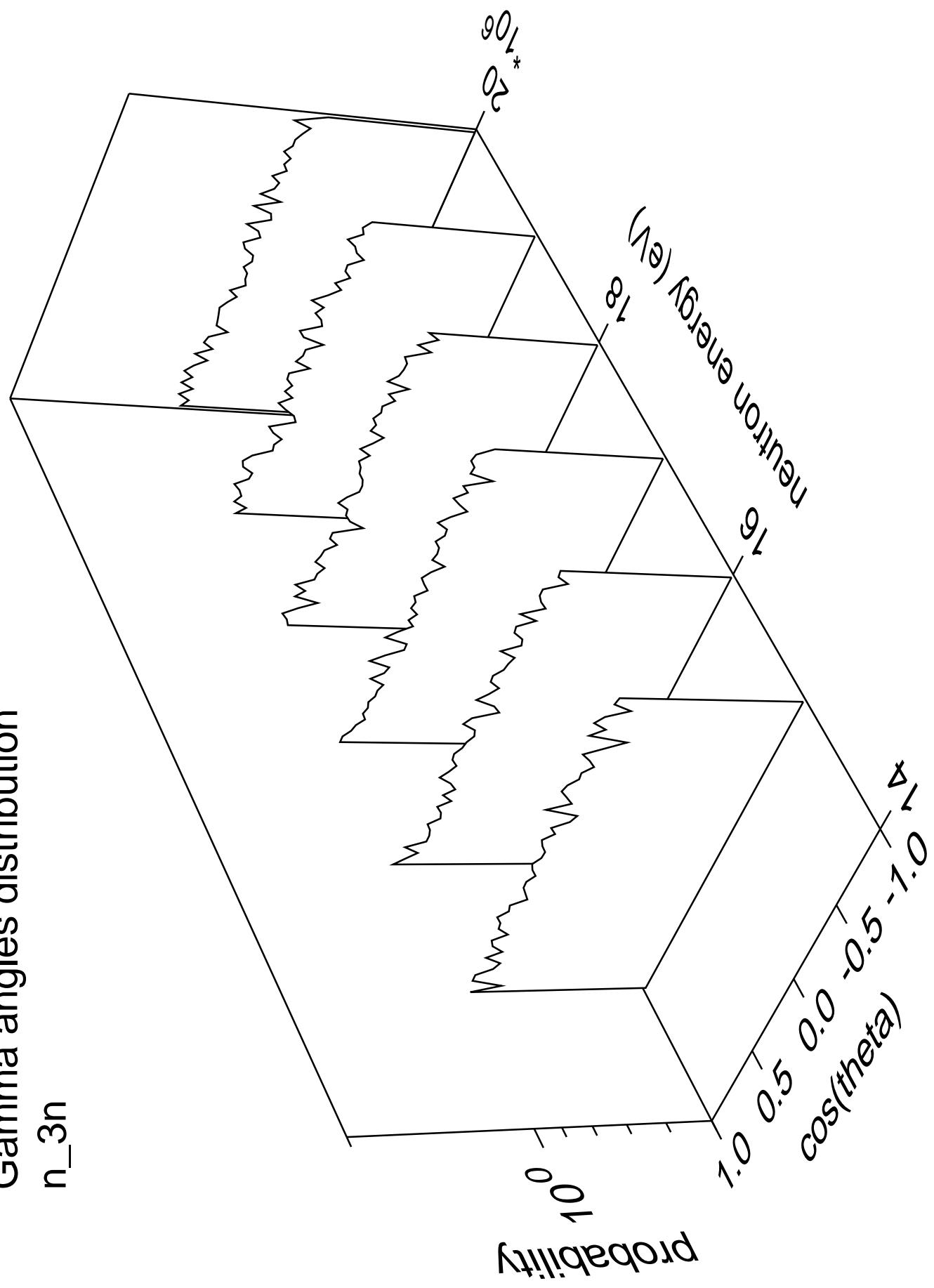




Gamma energy distribution n_{3n}



Gamma angles distribution n_{3n}



Gamma multiplicities distribution

n_{3n}

Probability

100

20

10

5

2.5

1.0

0.5

Neutron energy (eV)

16

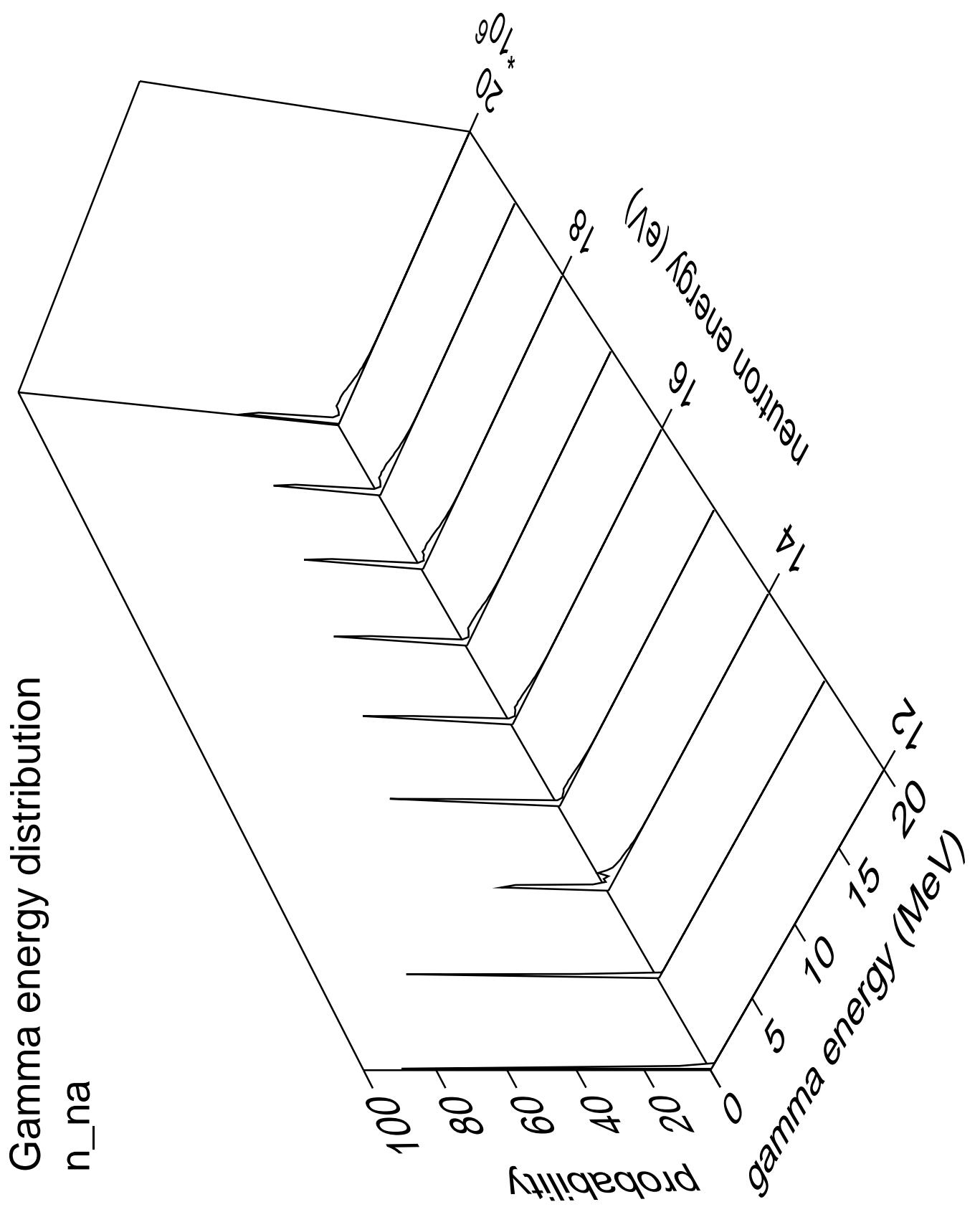
8

4

2

1

multiplicity



Gamma angles distribution

n_{na}

Probability

10^0

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}

10^{-6}

10^{-7}

10^{-8}

10^{-9}

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10^{-201}

10^{-202}

10^{-203}

10^{-204}

10^{-205}

10^{-206}

10^{-207}

10^{-208}

10^{-209}

10^{-210}

10^{-211}

10^{-212}

10^{-213}

10^{-214}

10^{-215}

10^{-216}

10^{-217}

10^{-218}

10^{-219}

10^{-220}

10^{-221}

10^{-222}

10^{-223}

10^{-224}

10^{-225}

10^{-226}

10^{-227}

10^{-228}

10^{-229}

10^{-230}

10^{-231}

10^{-232}

10^{-233}

10^{-234}

10^{-235}

10^{-236}

10^{-237}

10^{-238}

10^{-239}

10^{-240}

10^{-241}

10^{-242}

10^{-243}

10^{-244}

10^{-245}

10^{-246}

10^{-247}

10^{-248}

10^{-249}

10^{-250}

10^{-251}

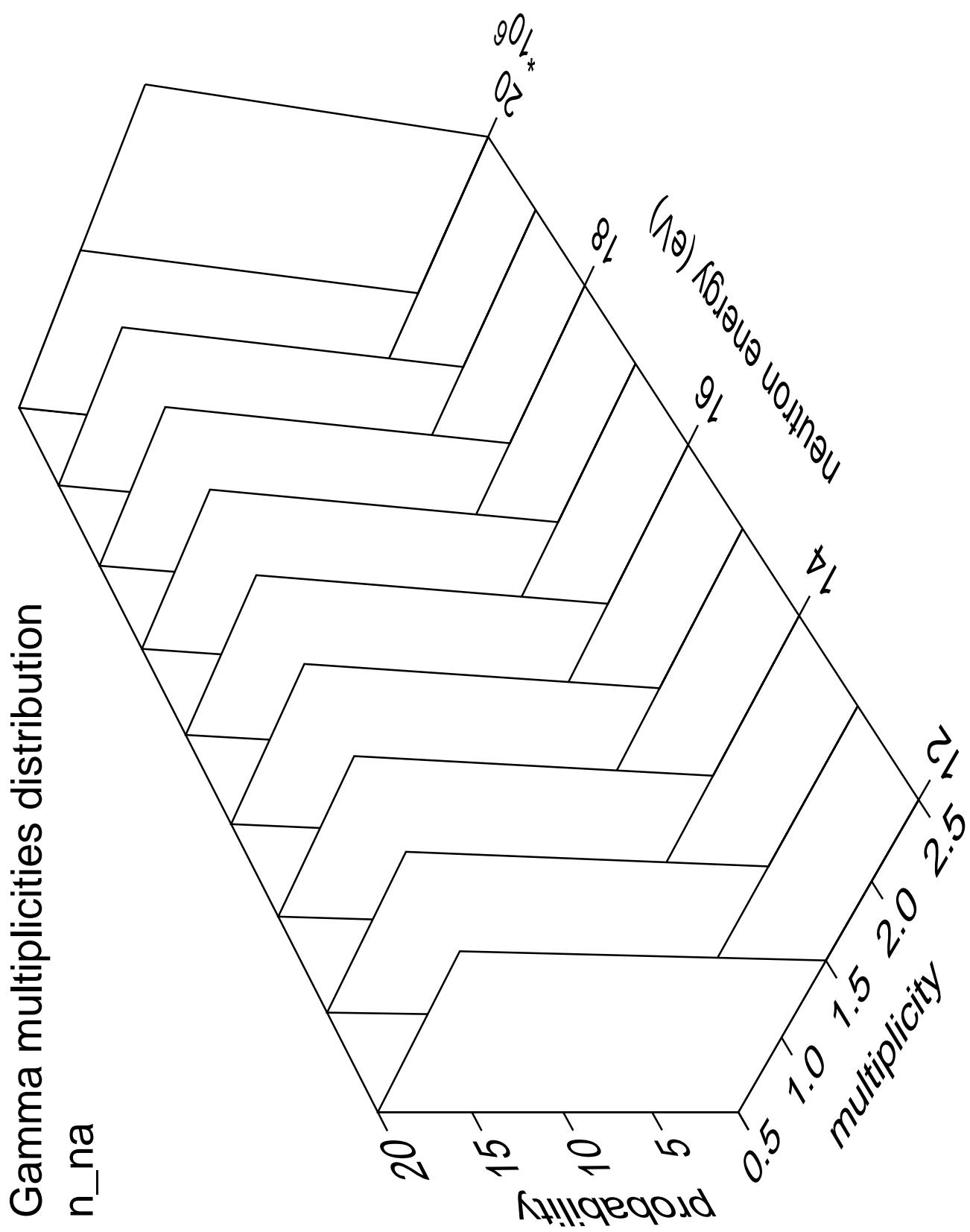
10^{-252}

10^{-253}

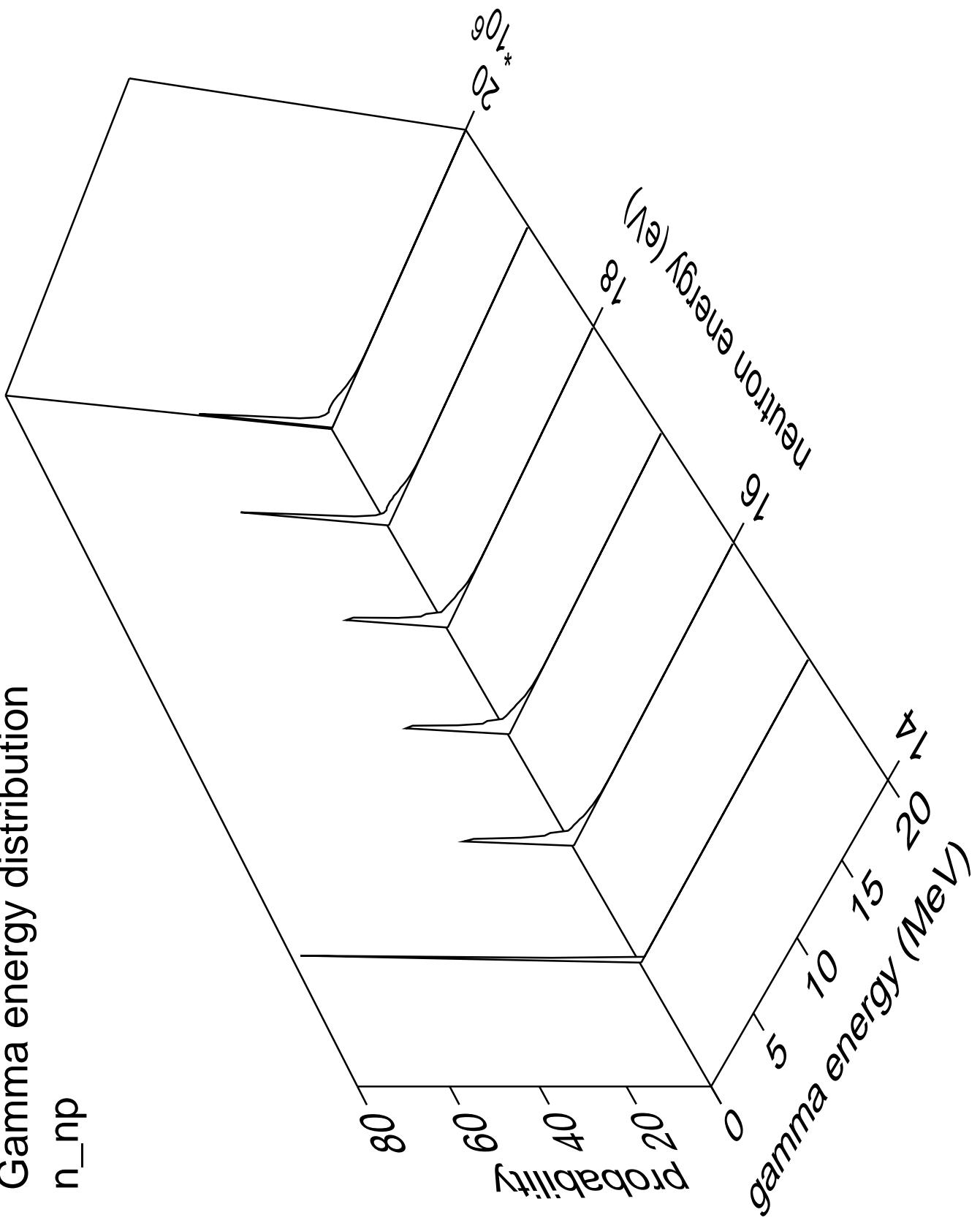
10^{-254}

10^{-255}

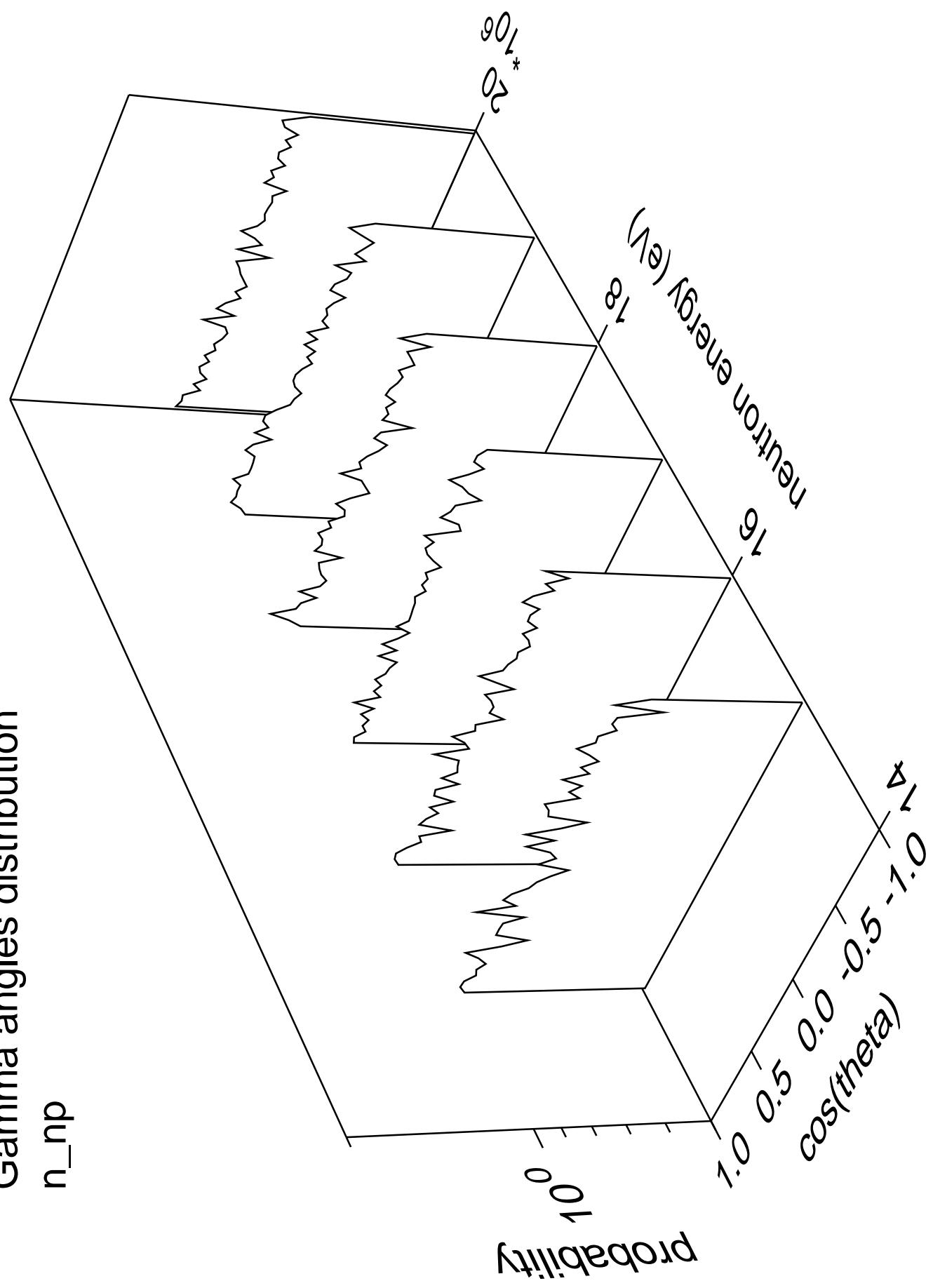
10^{-256}



Gamma energy distribution
 n_{np}



Gamma angles distribution
 n_{np}



Gamma multiplicities distribution

n_{np}

Probability

n_{np}

multiplicity

4

2.0

1.5

1.0

0.5

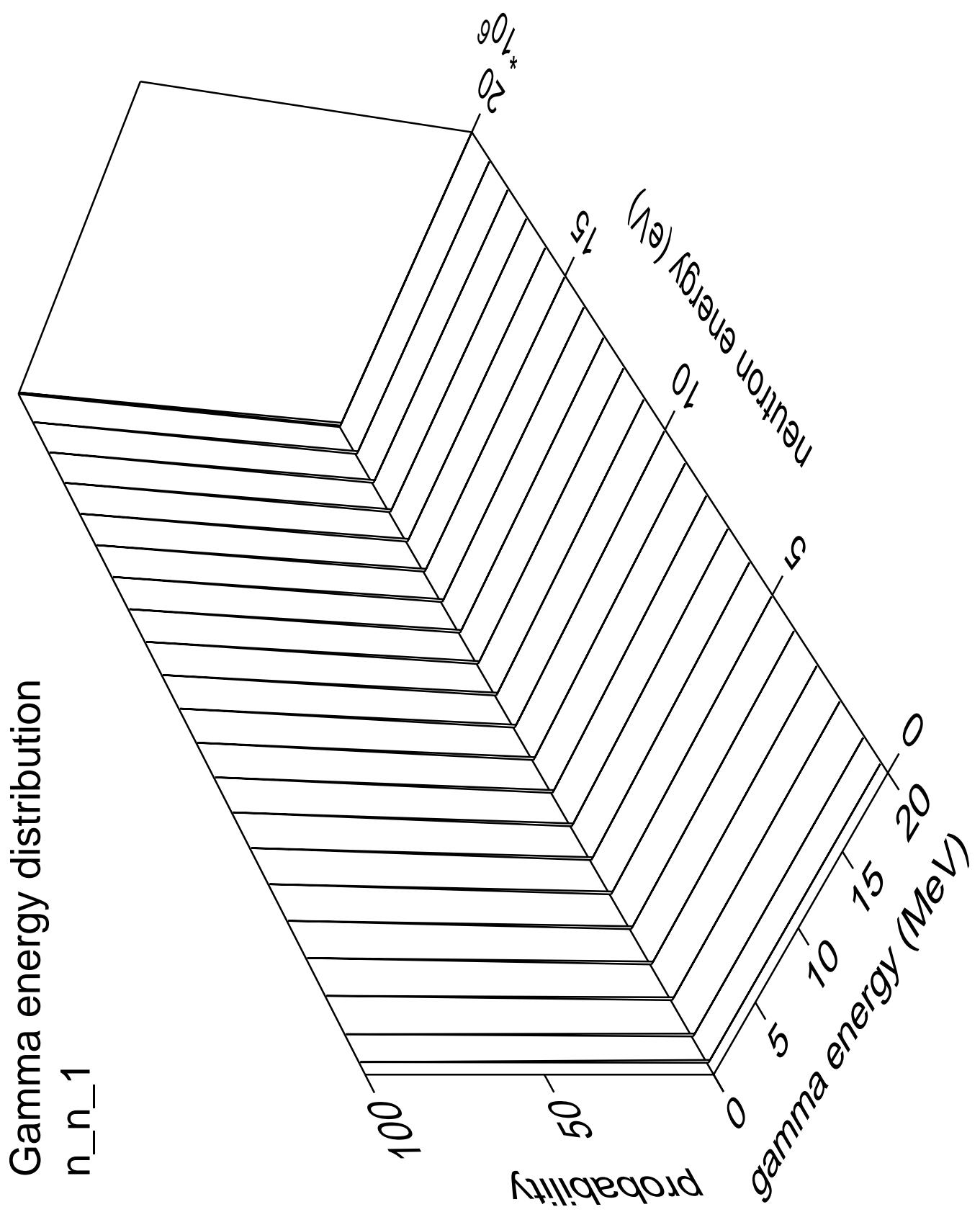
Neutron energy (eV)

16

18

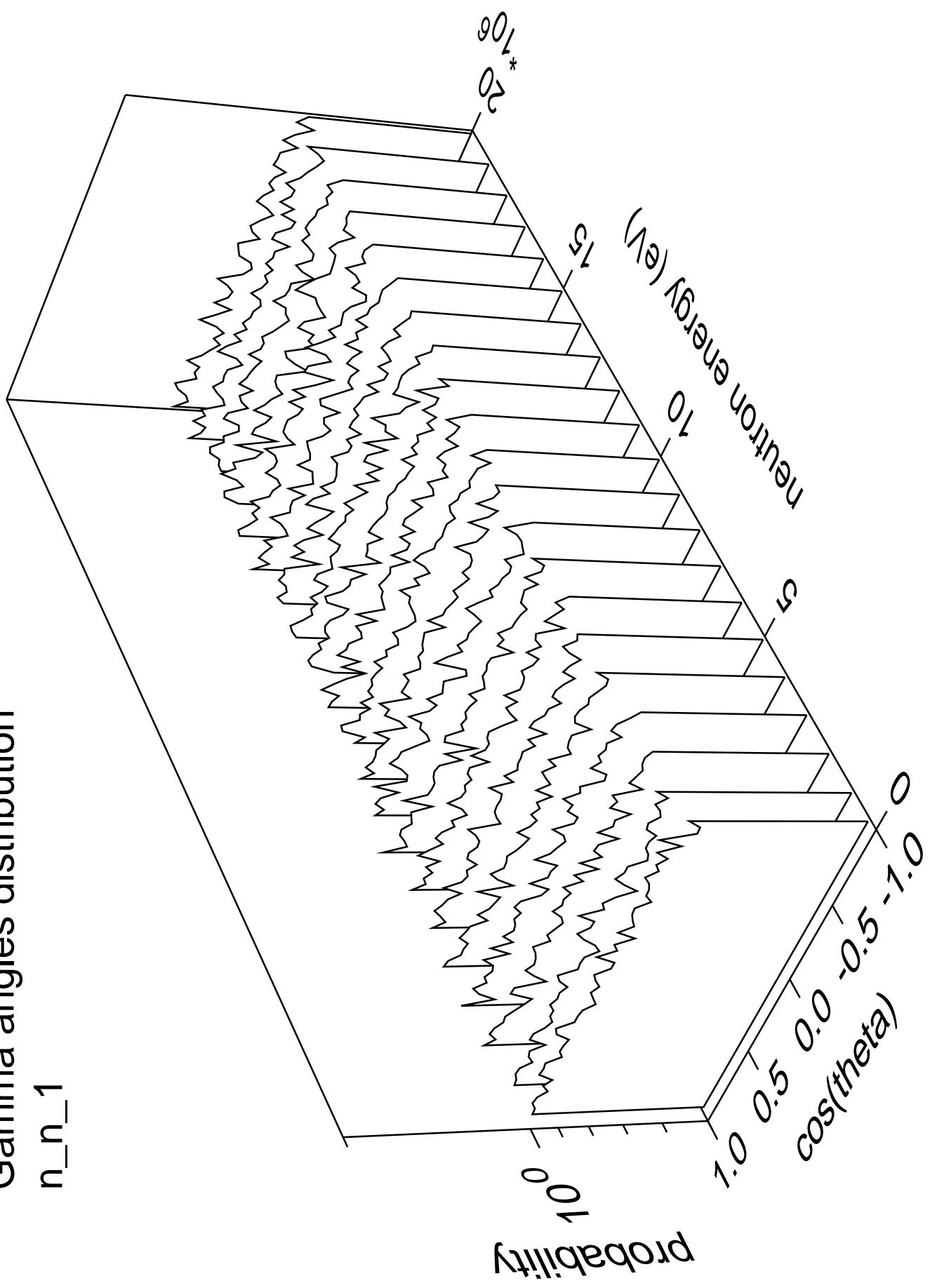
20

100

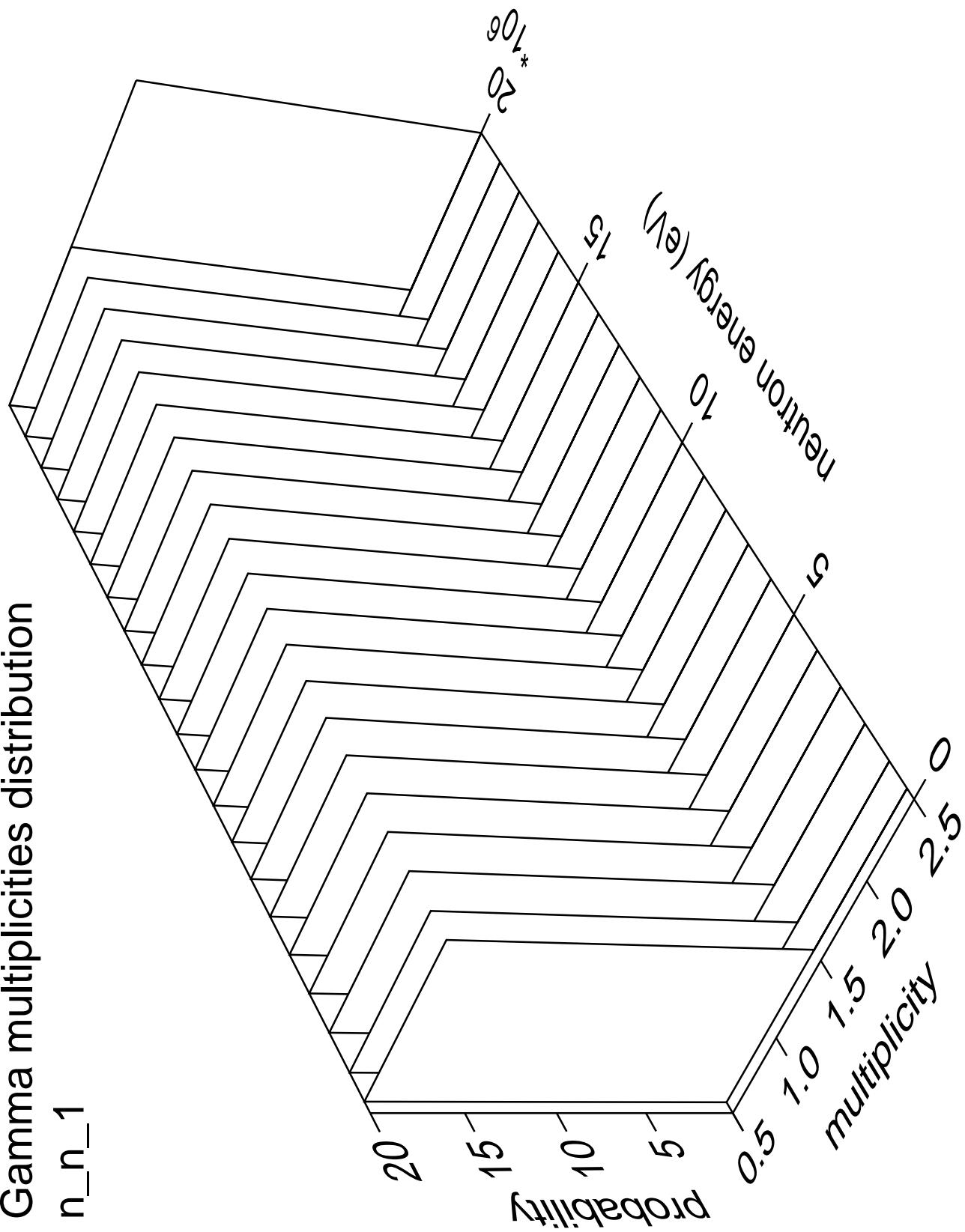


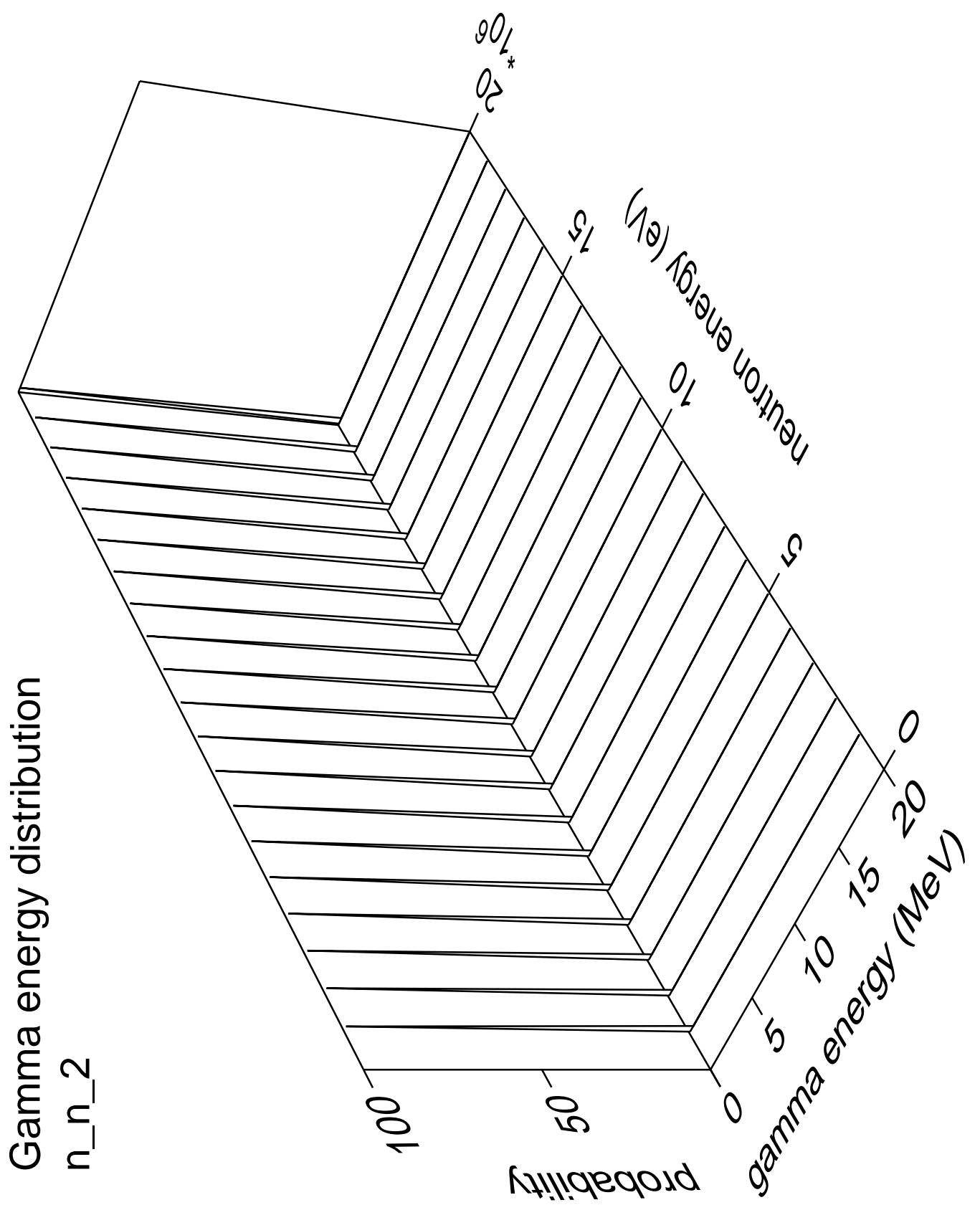
Gamma angles distribution

n_{n_1}



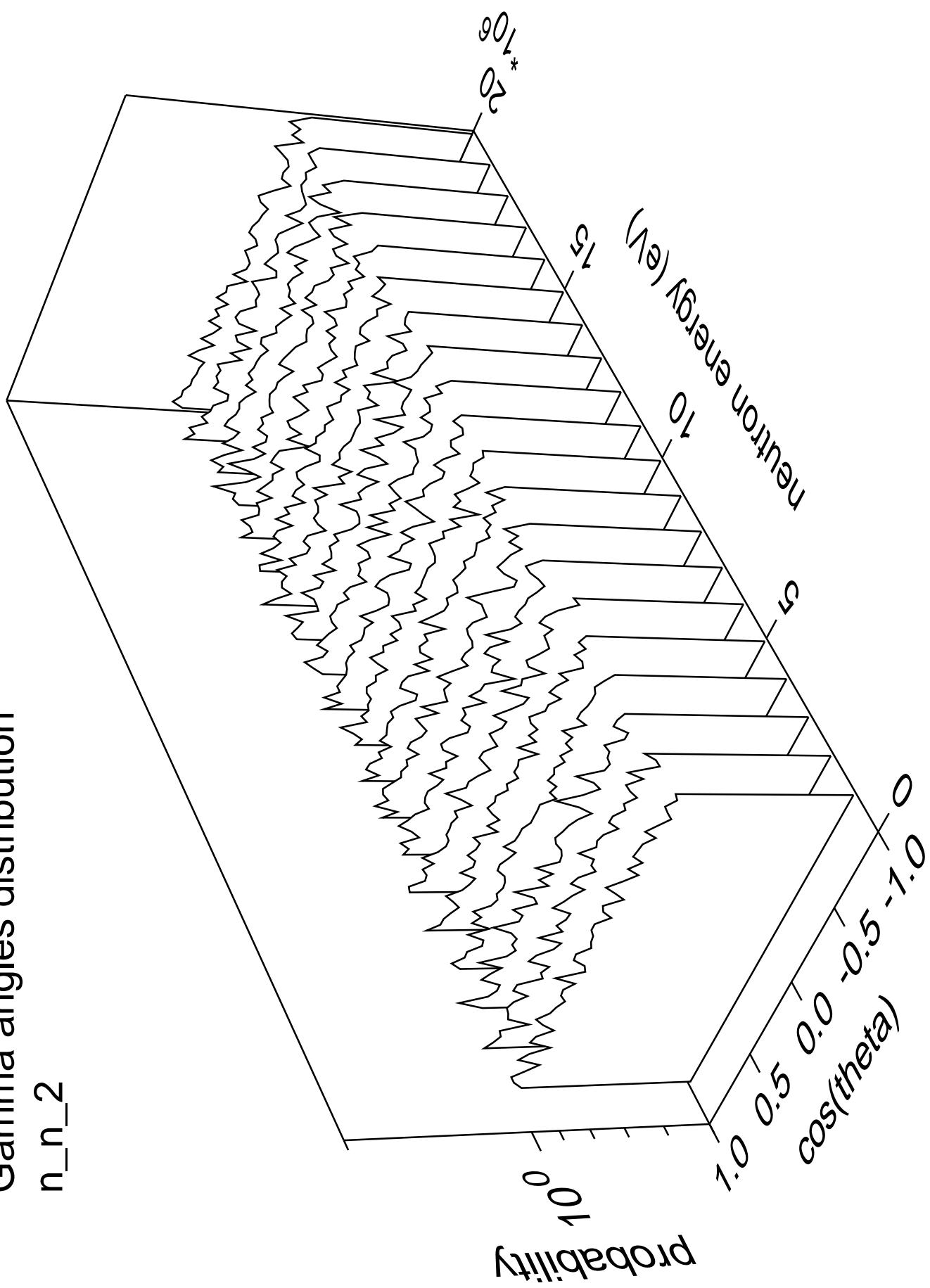
Gamma multiplicities distribution

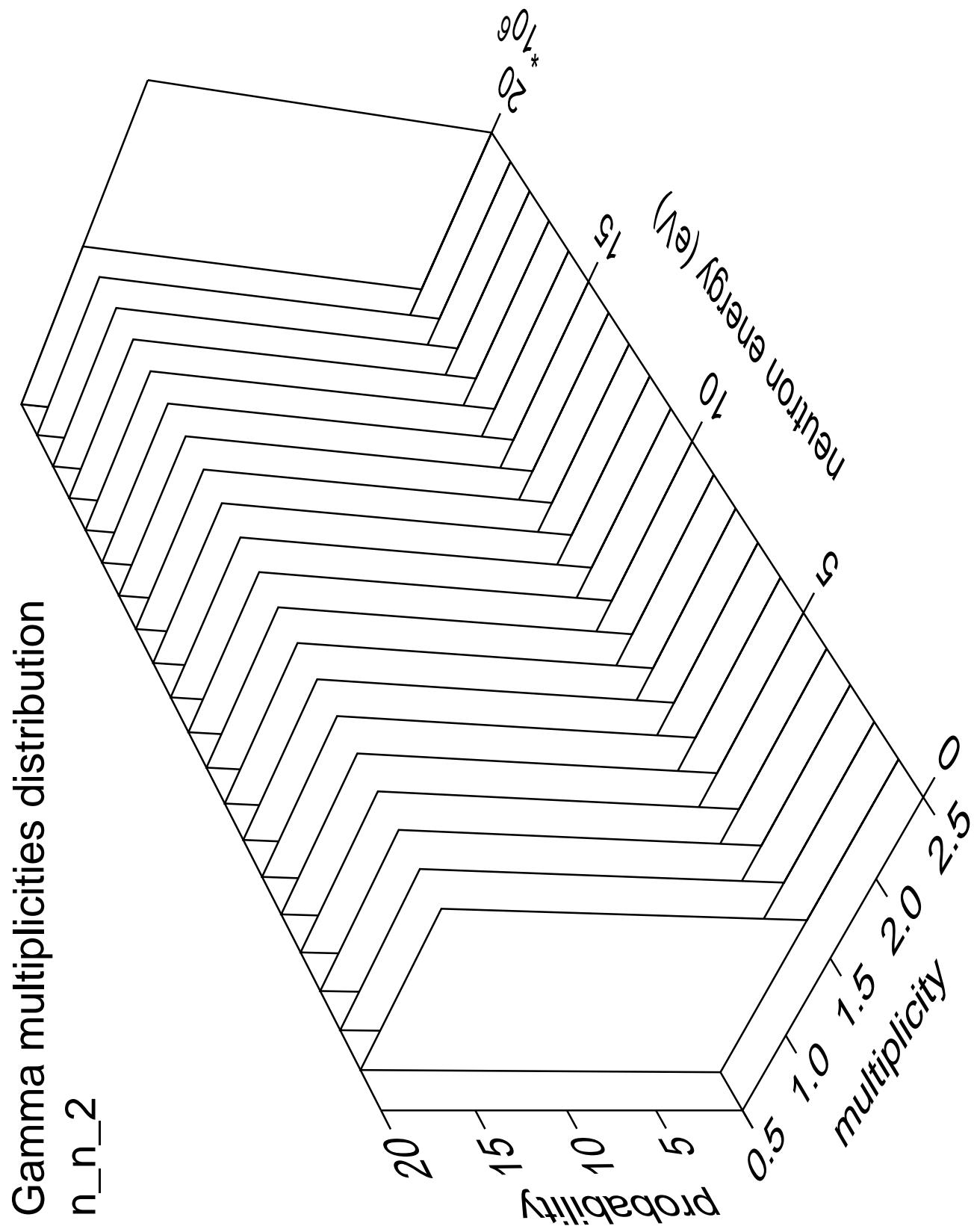


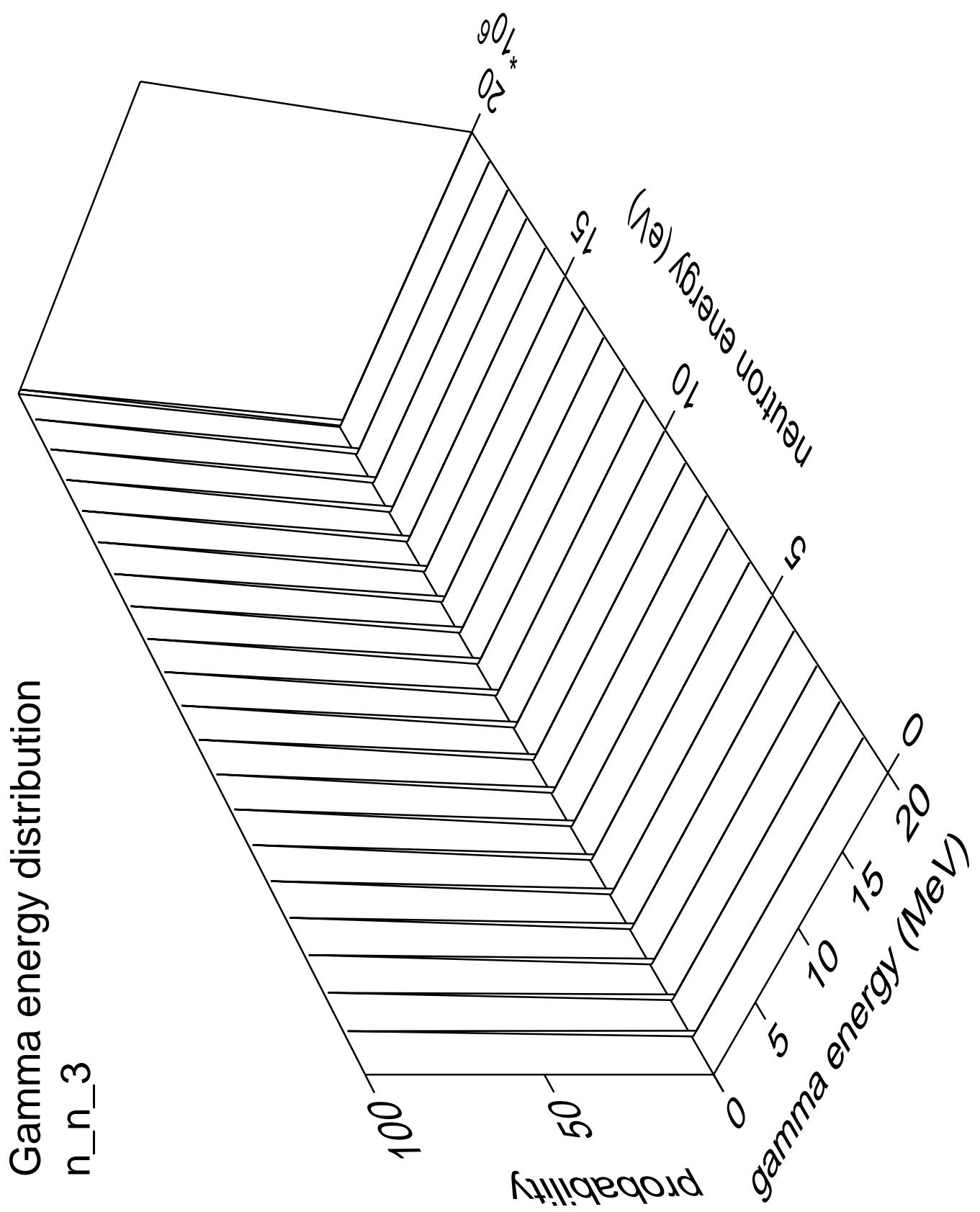


Gamma angles distribution

n_{n_2}

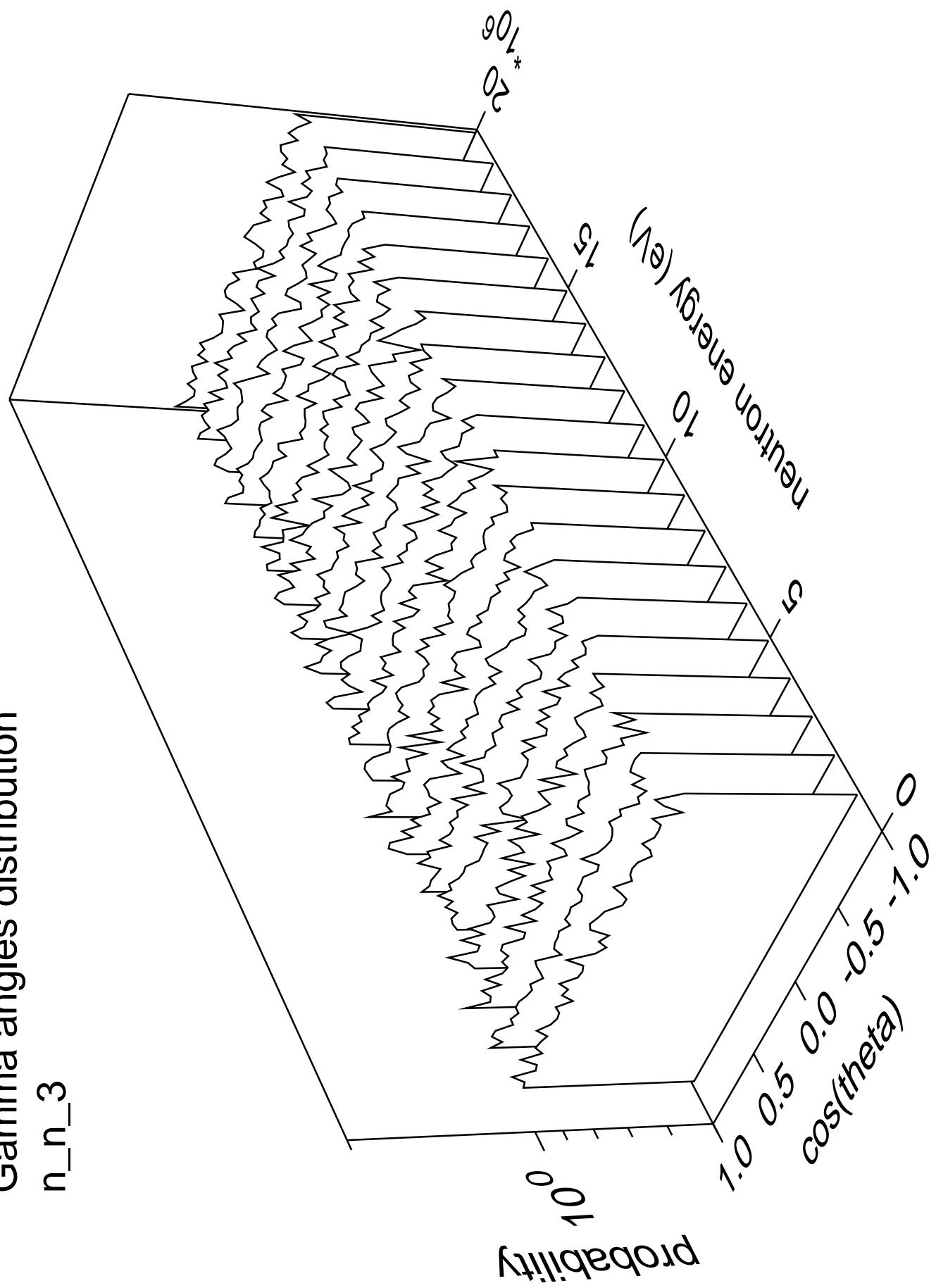




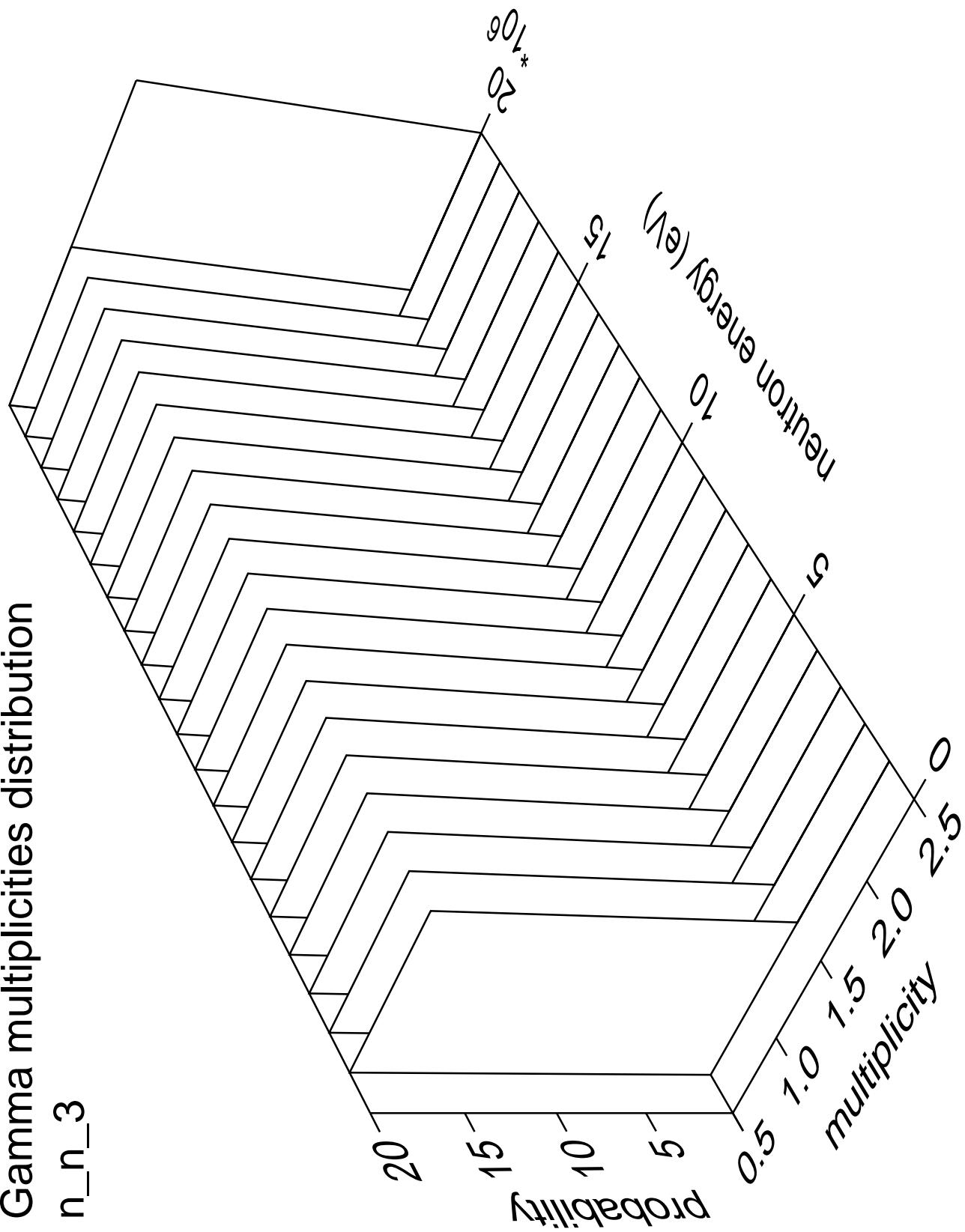


Gamma angles distribution

n_n_3

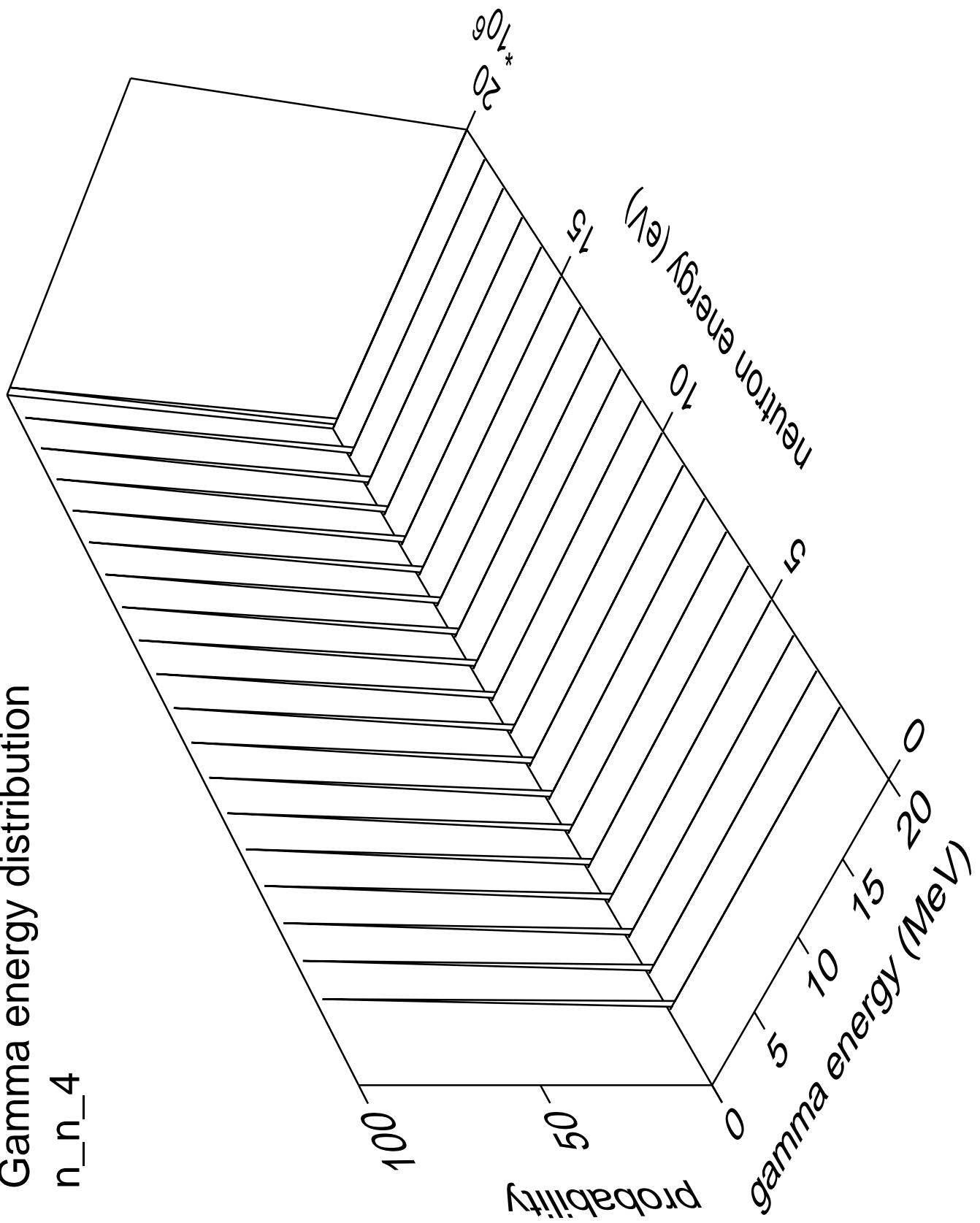


Gamma multiplicities distribution



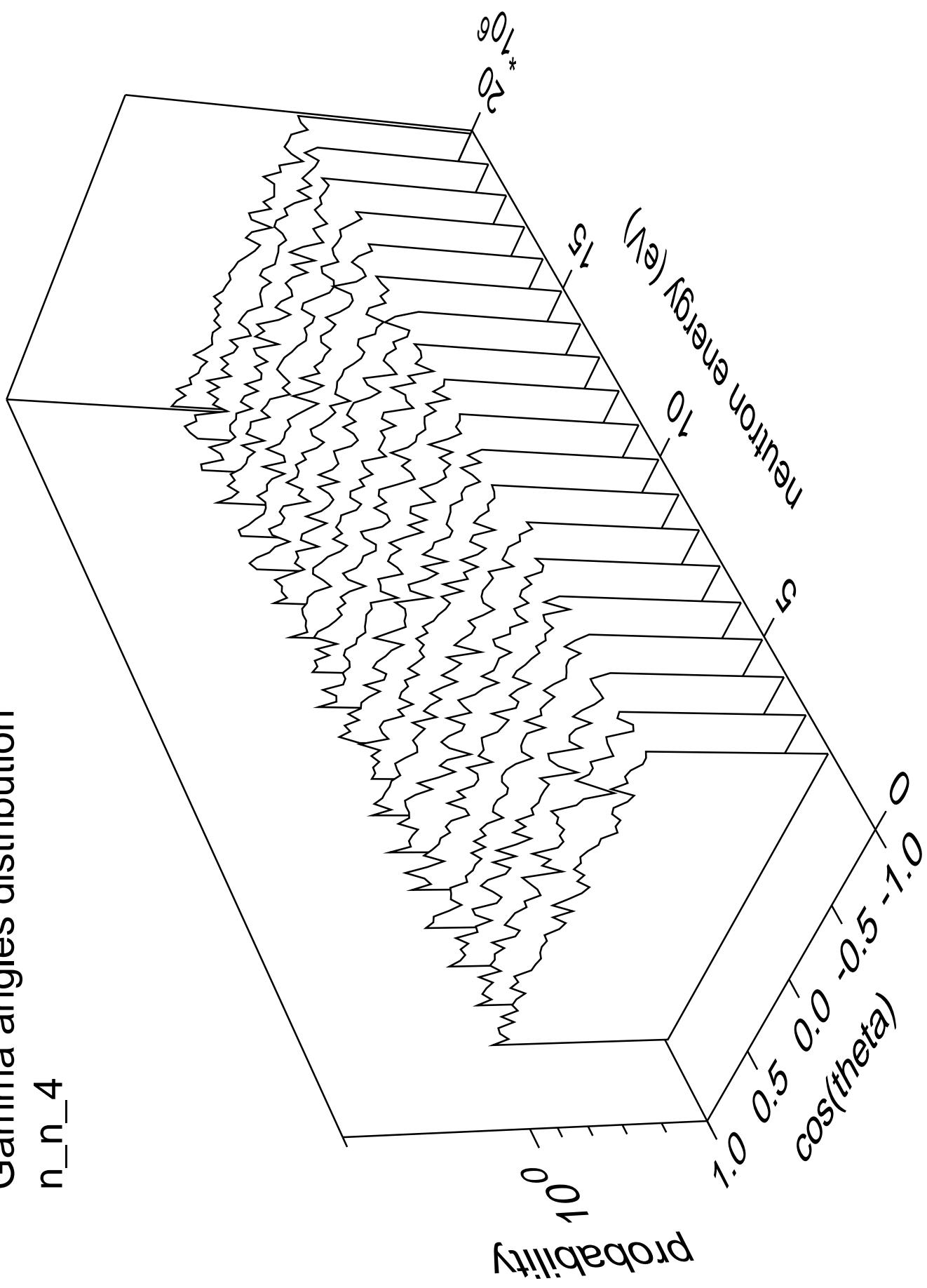
n_n_4

Gamma energy distribution

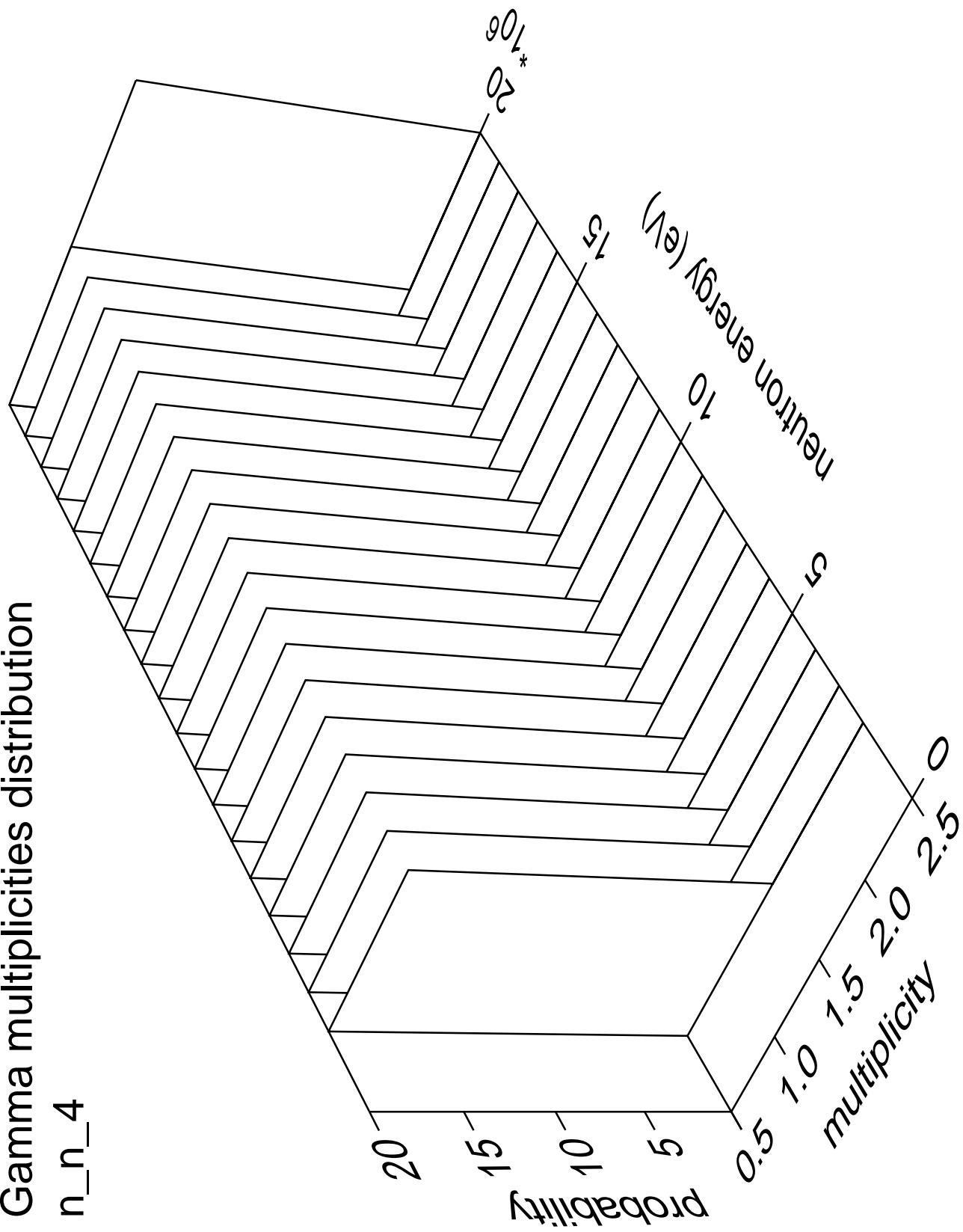


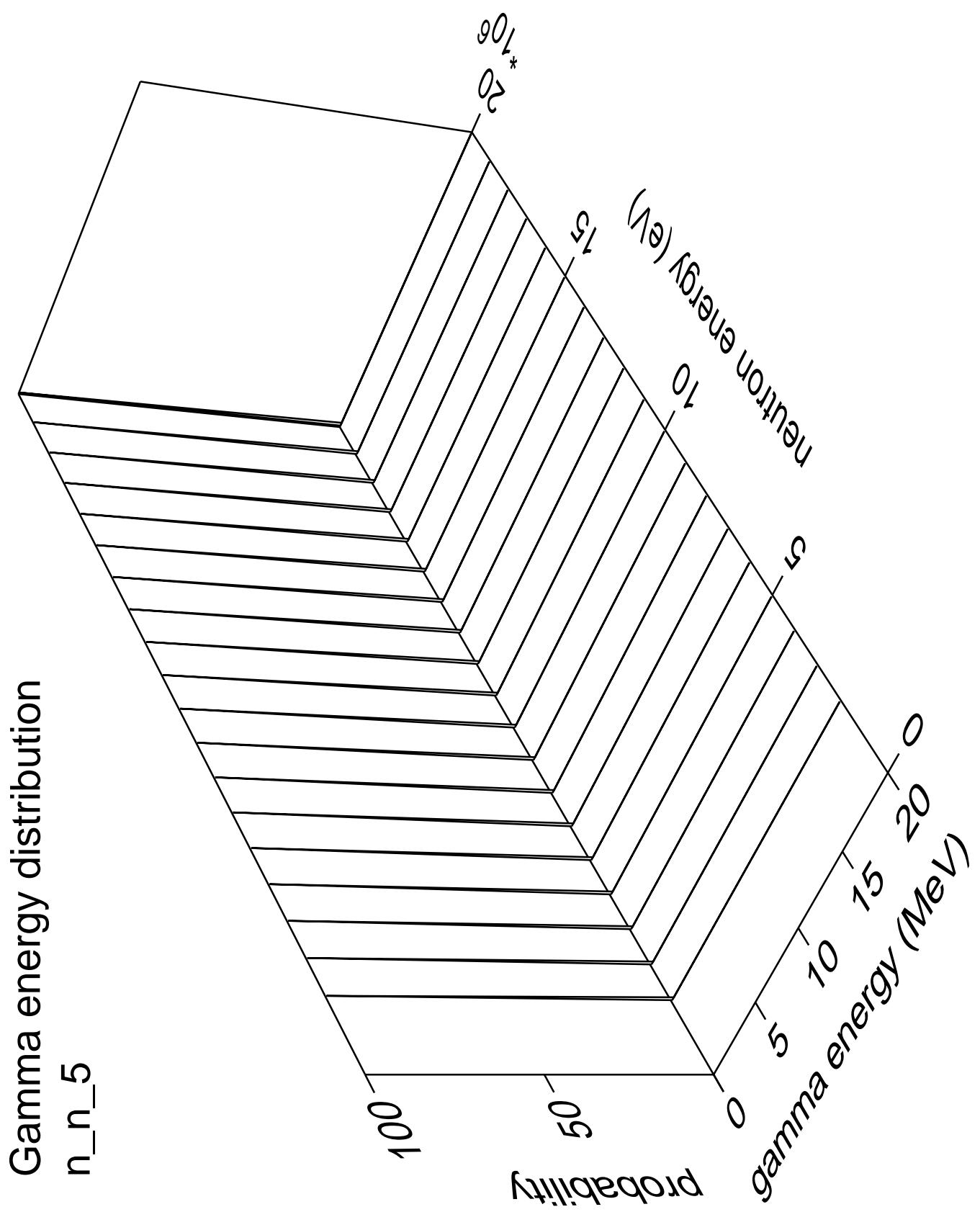
Gamma angles distribution

n_n_4



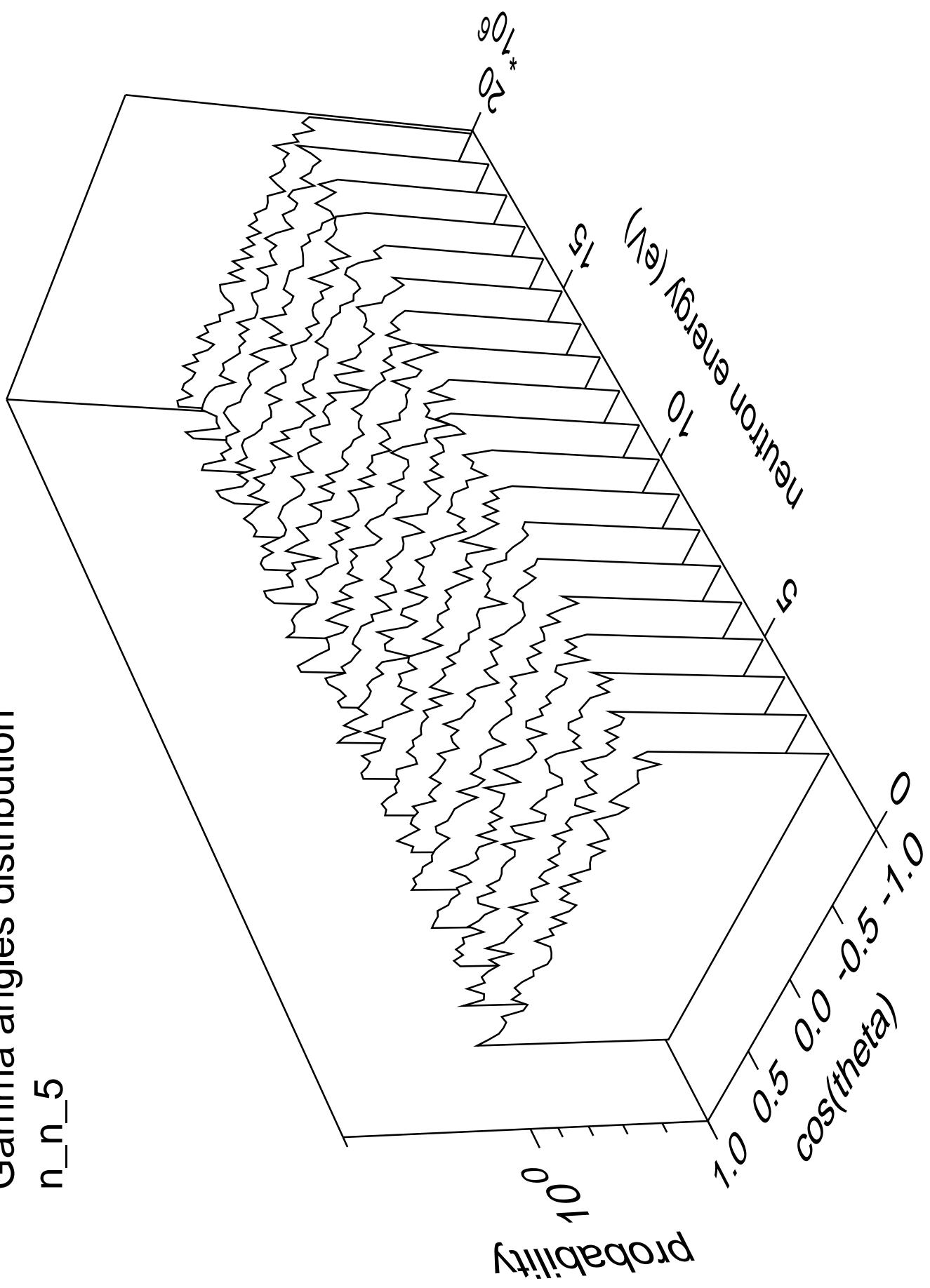
Gamma multiplicities distribution



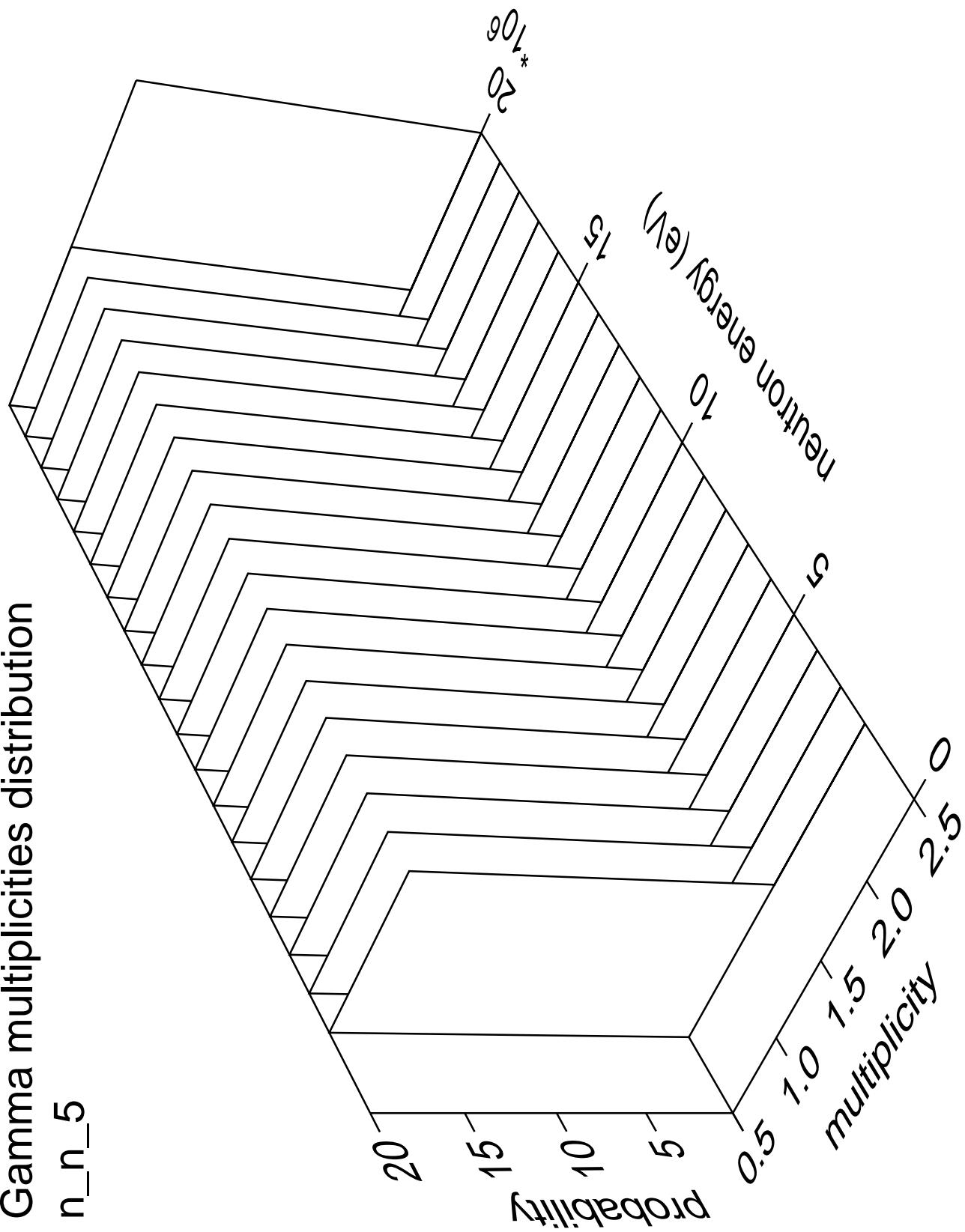


Gamma angles distribution

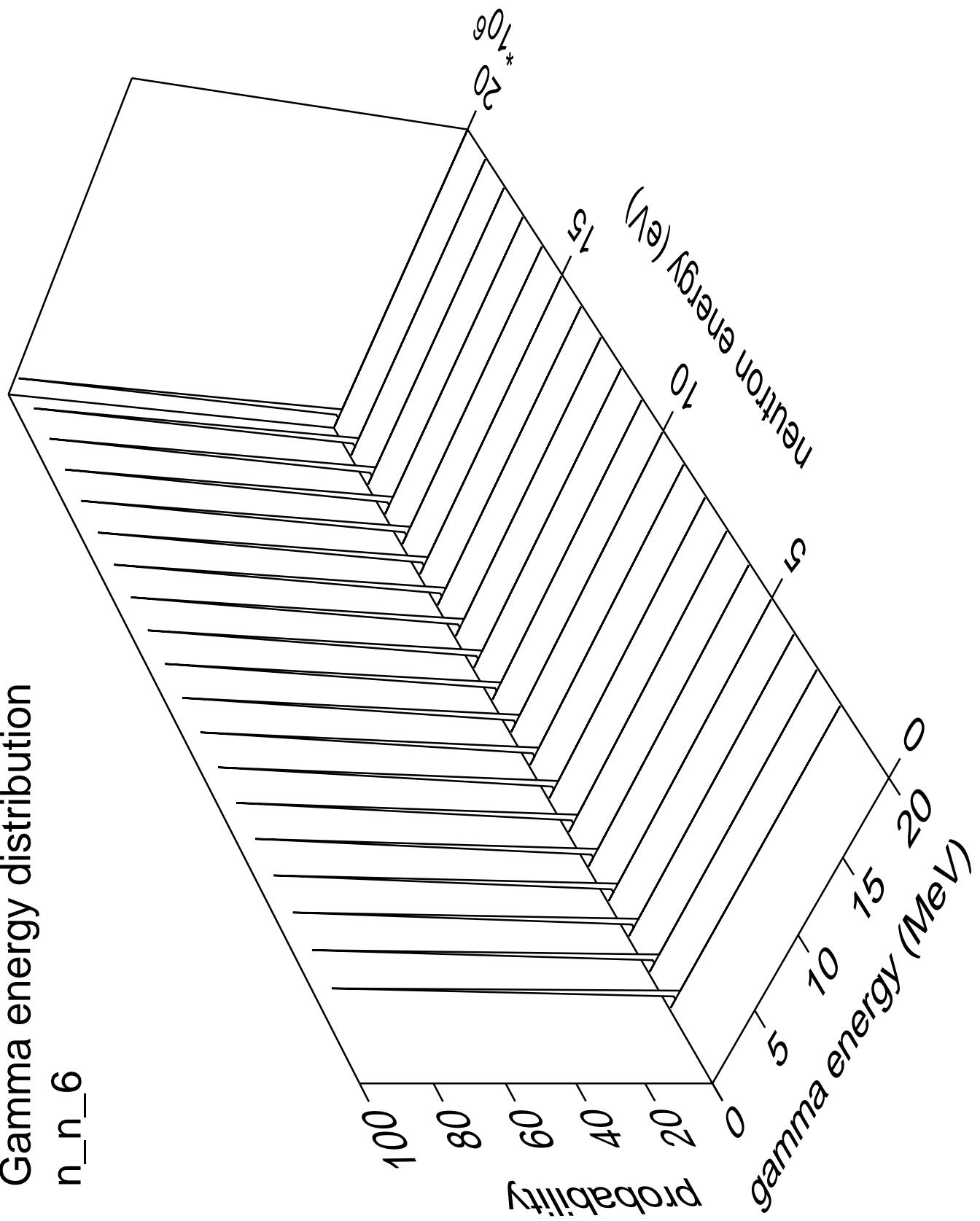
n_n_5



Gamma multiplicities distribution

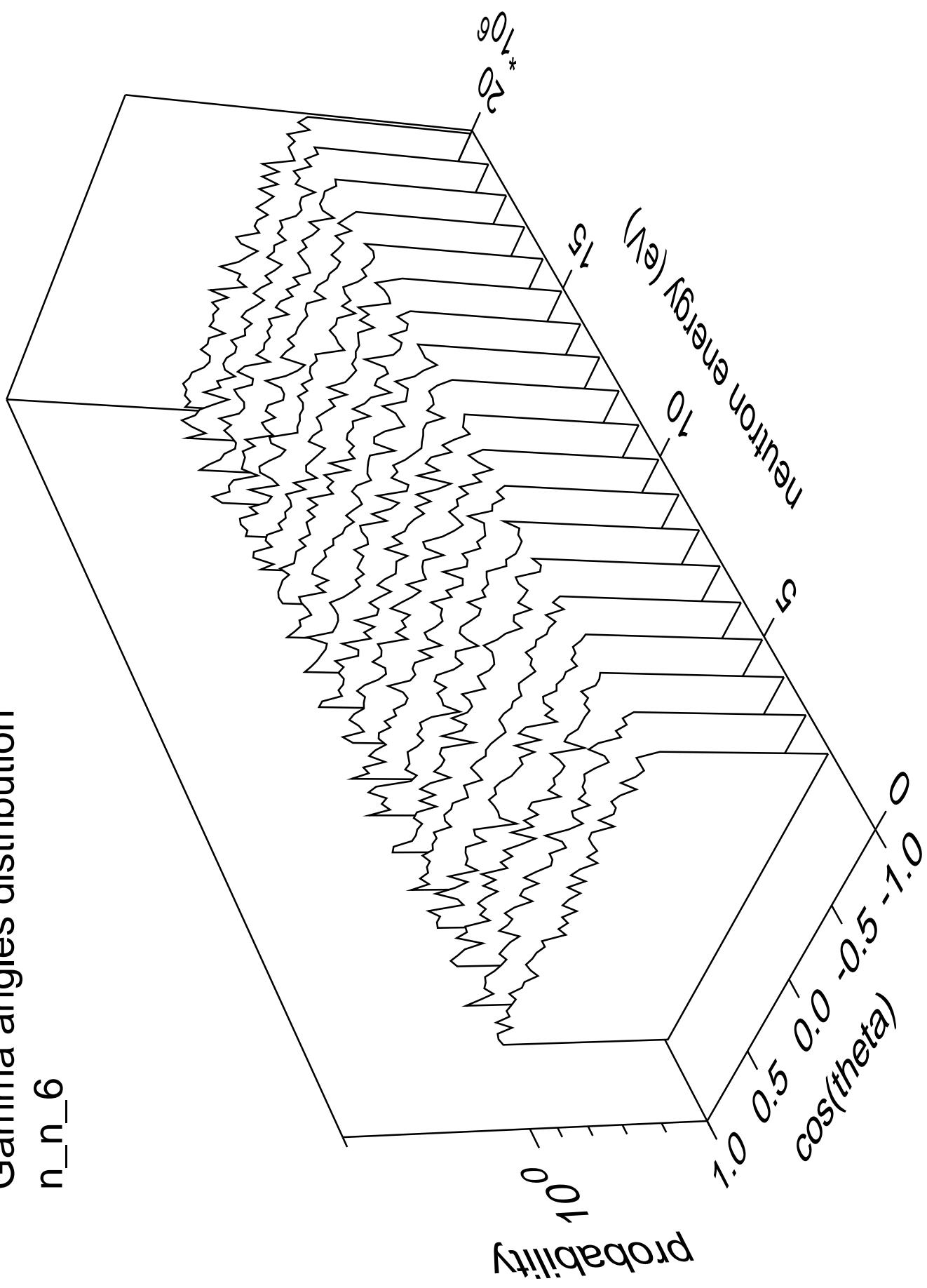


Gamma energy distribution

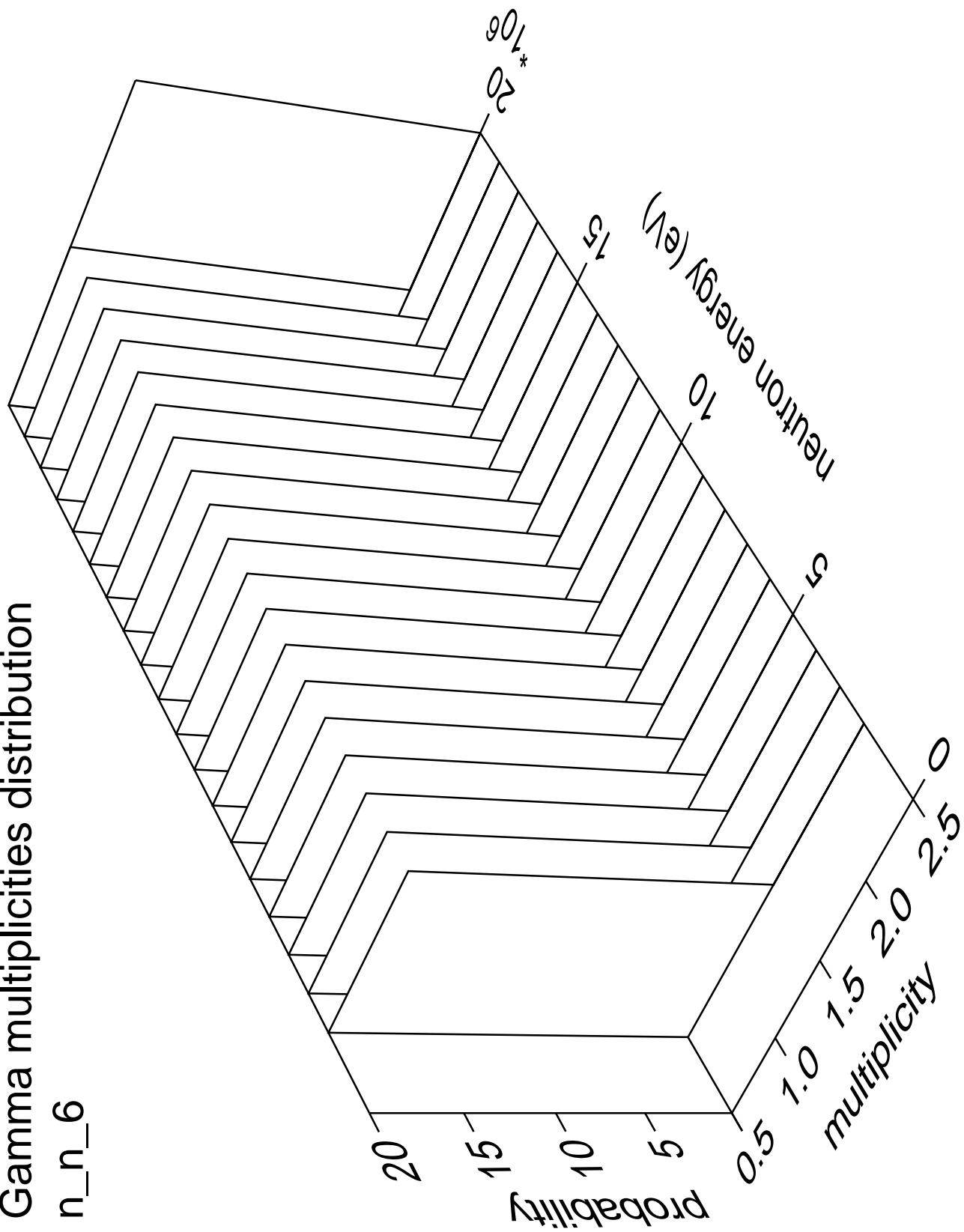


Gamma angles distribution

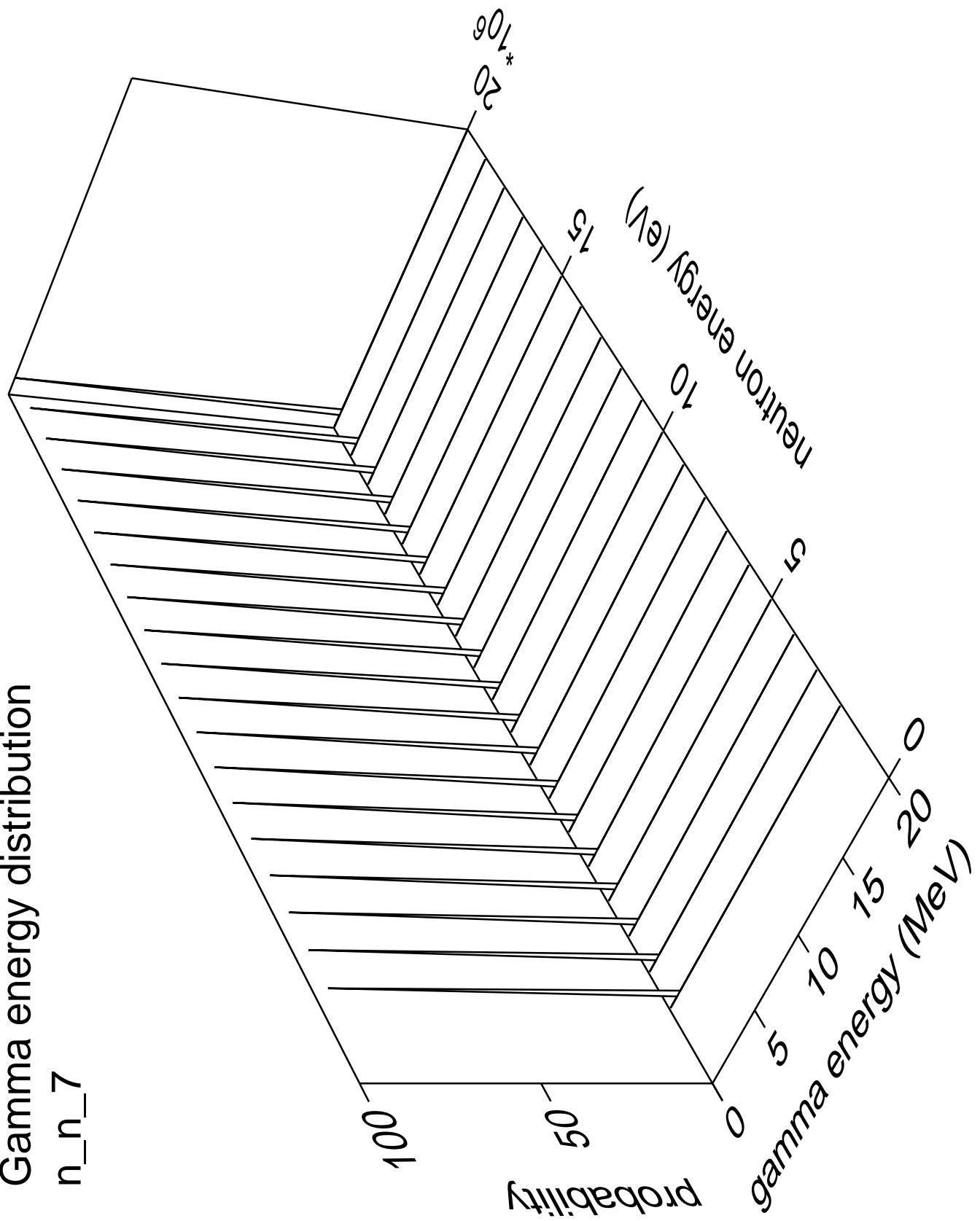
n_n_6



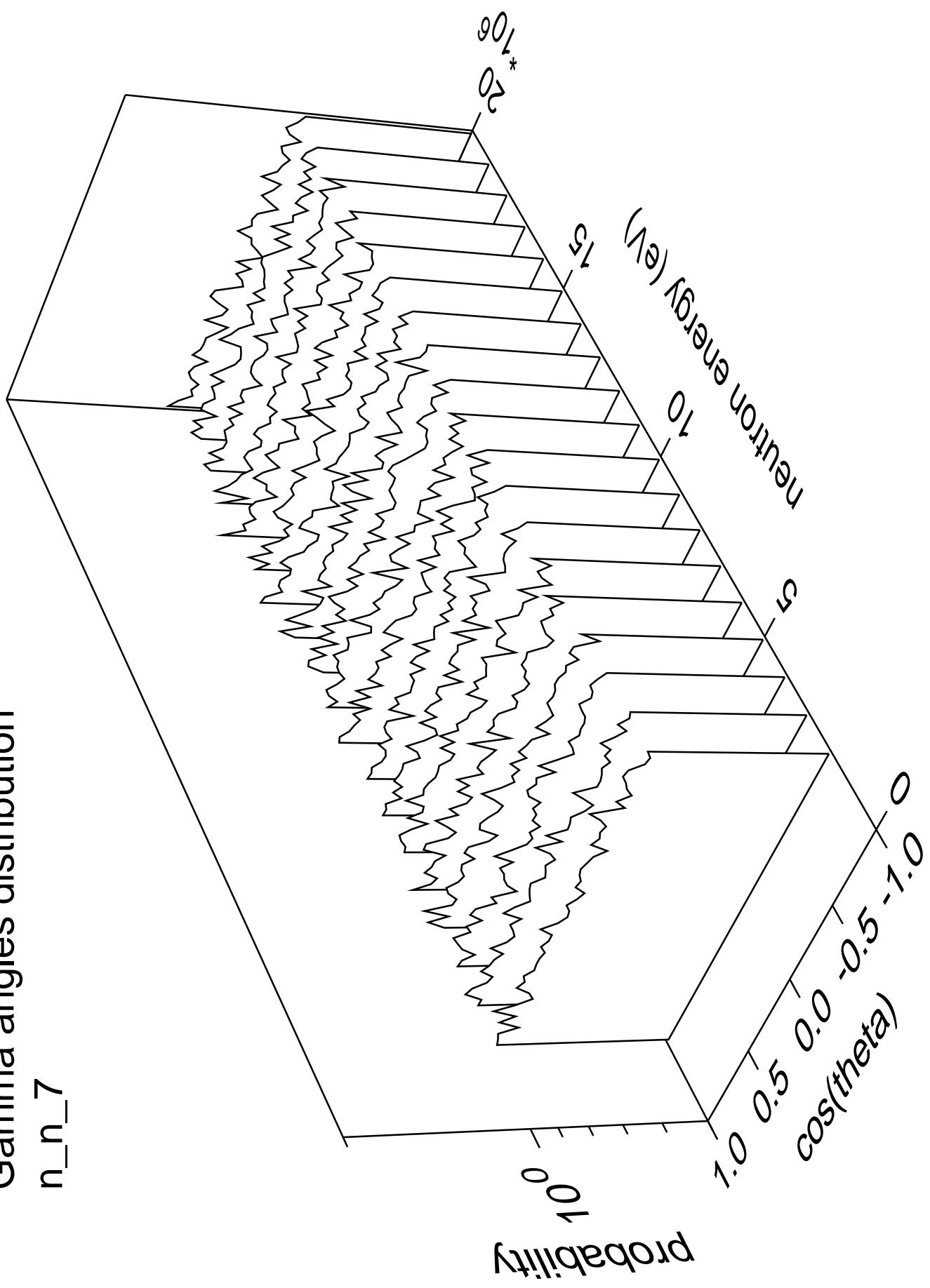
Gamma multiplicities distribution



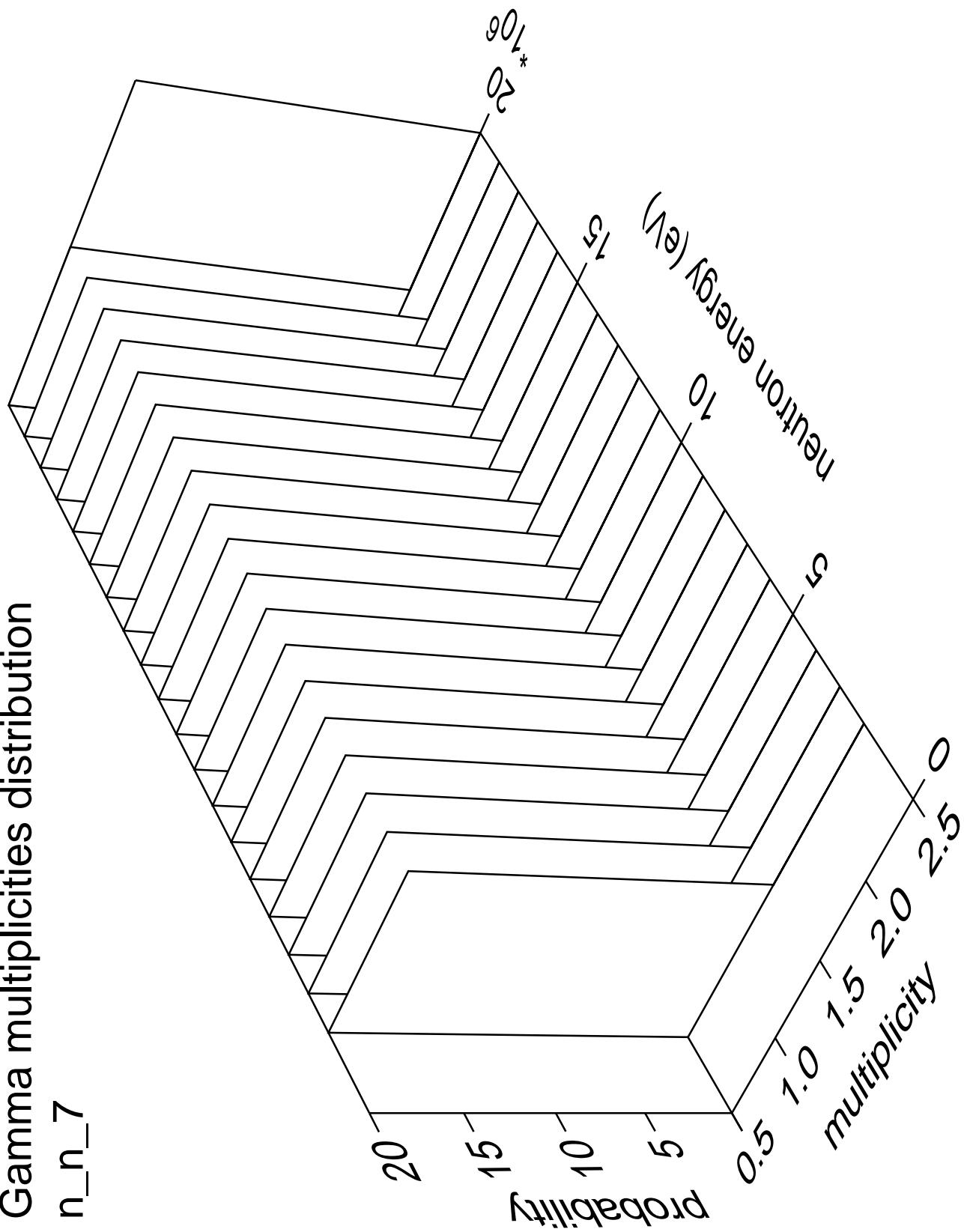
Gamma energy distribution

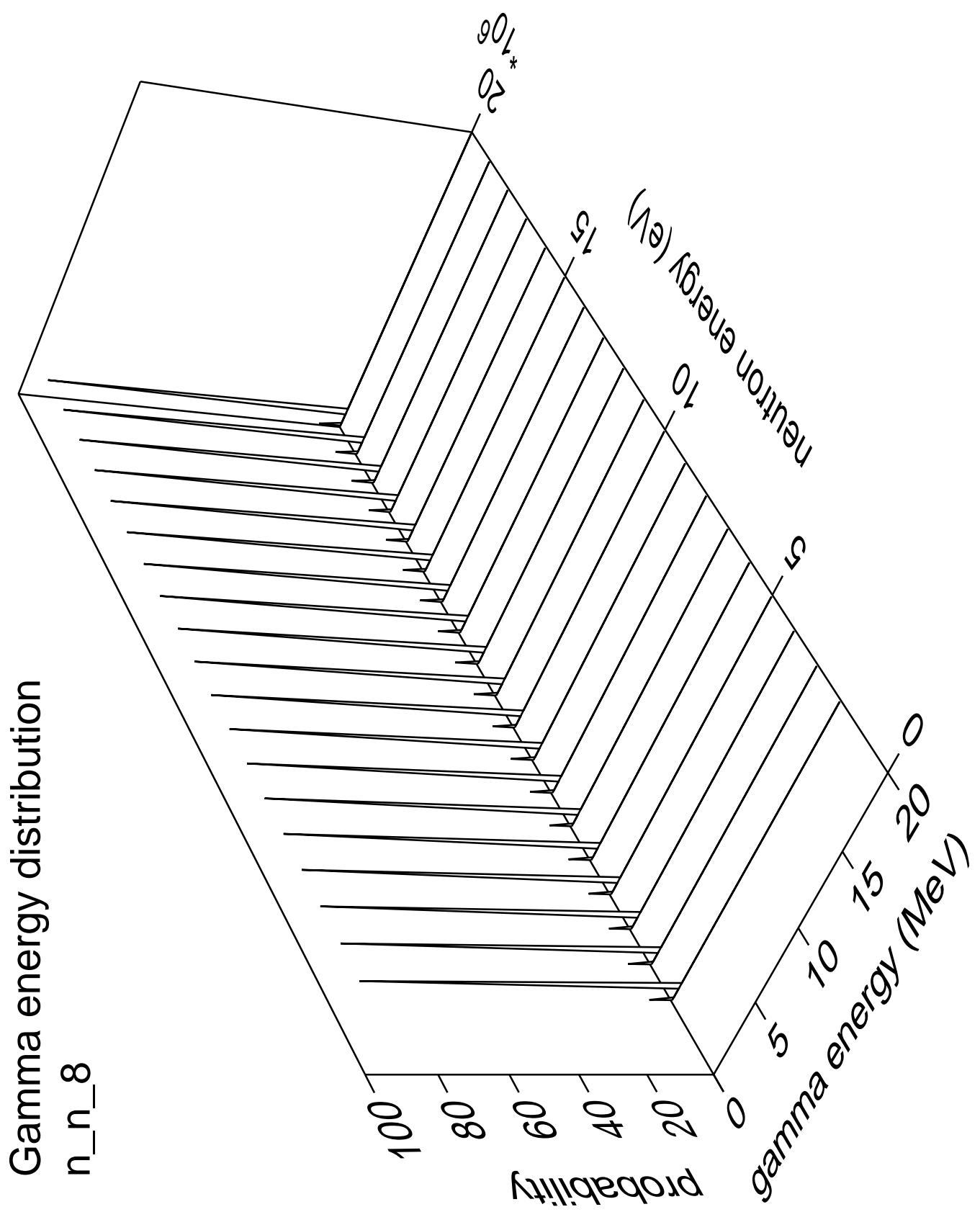


Gamma angles distribution



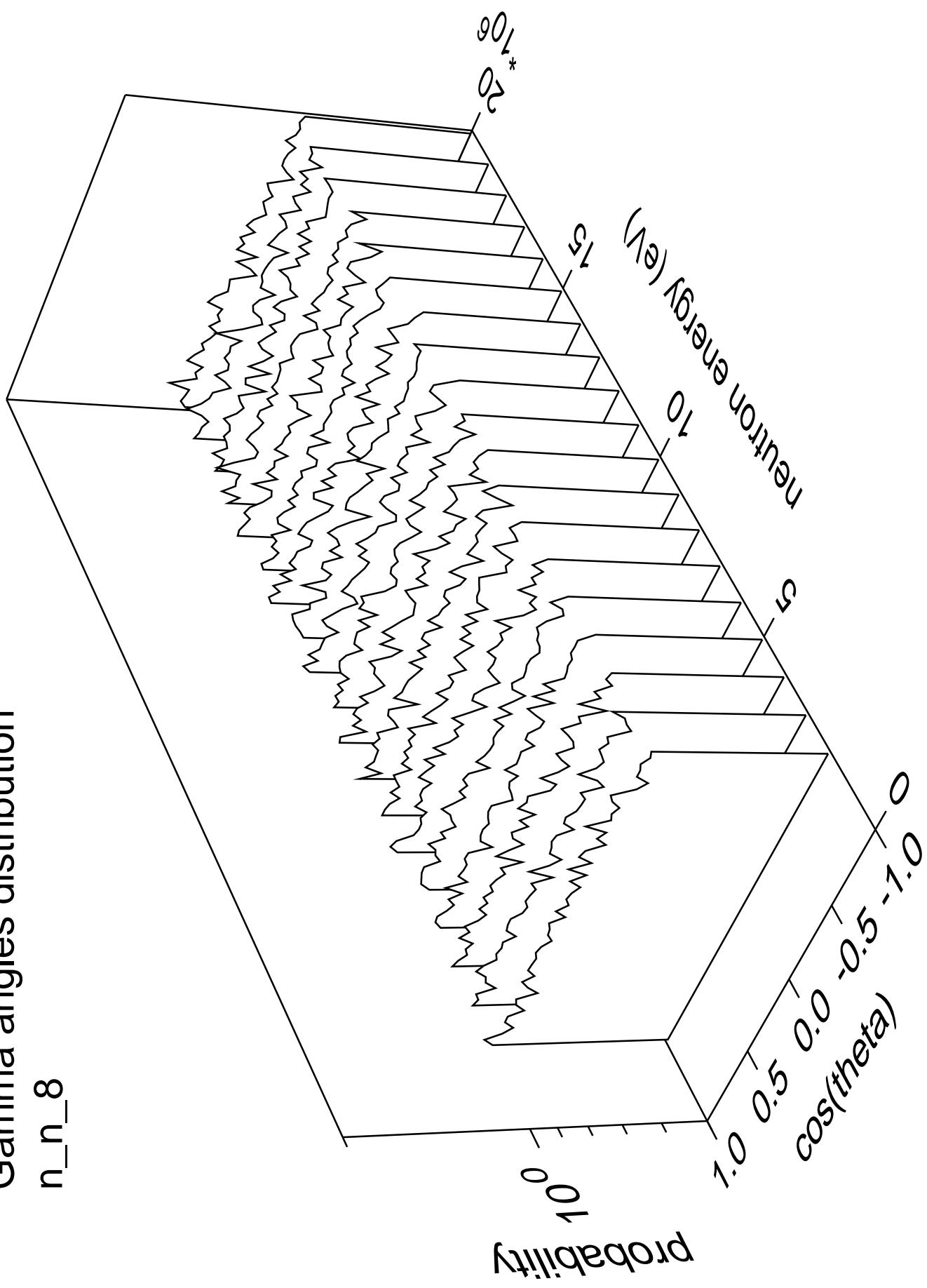
Gamma multiplicities distribution

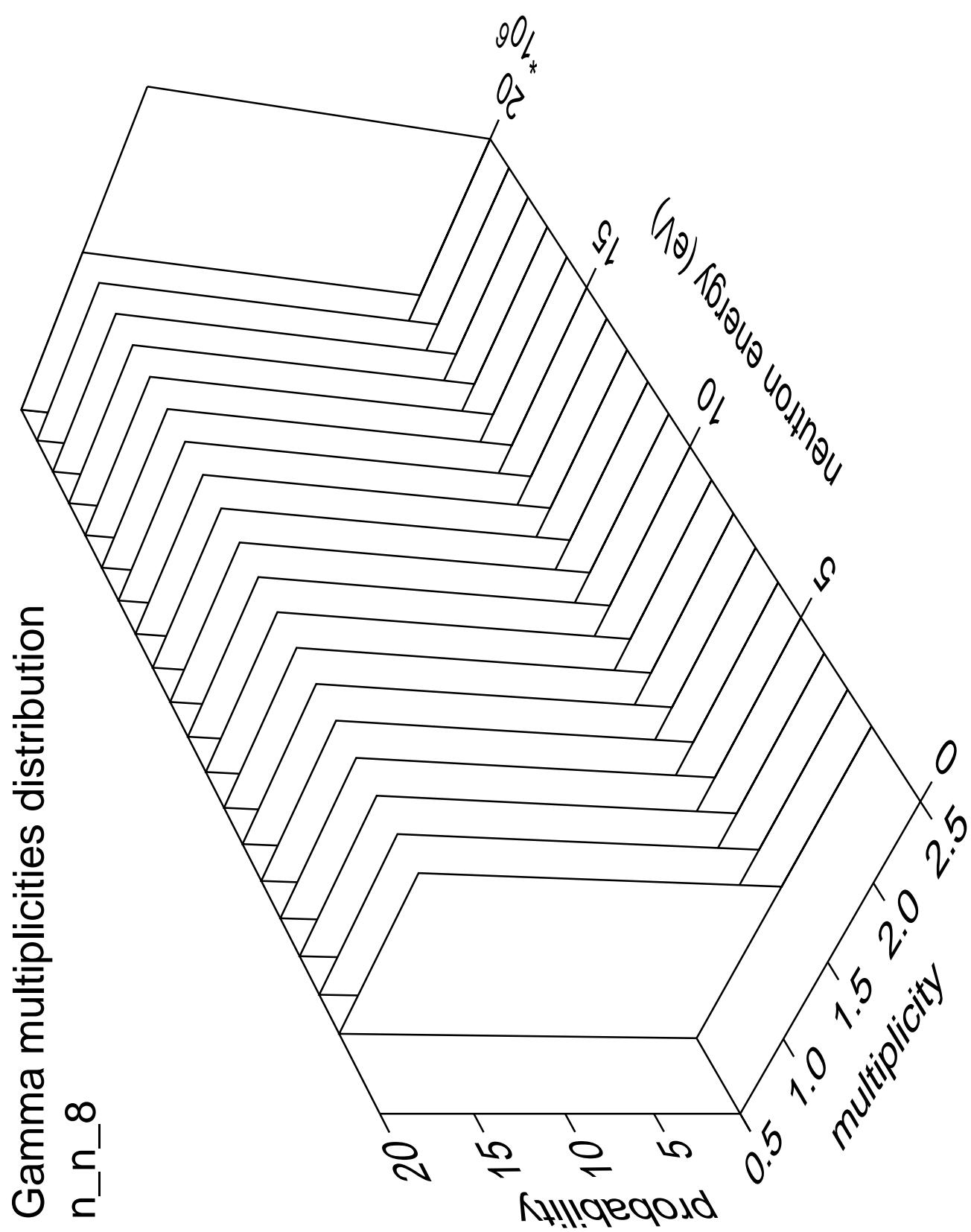


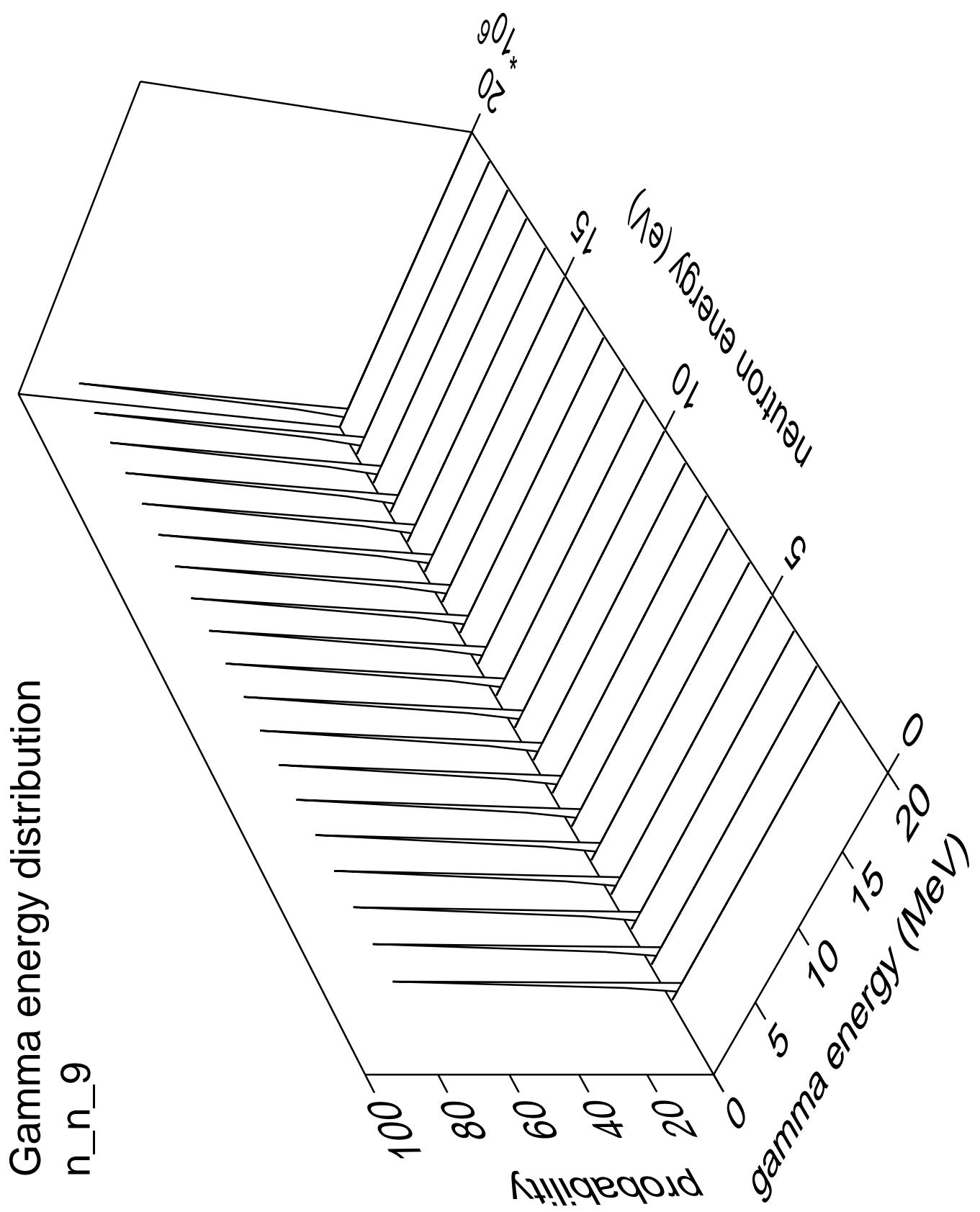


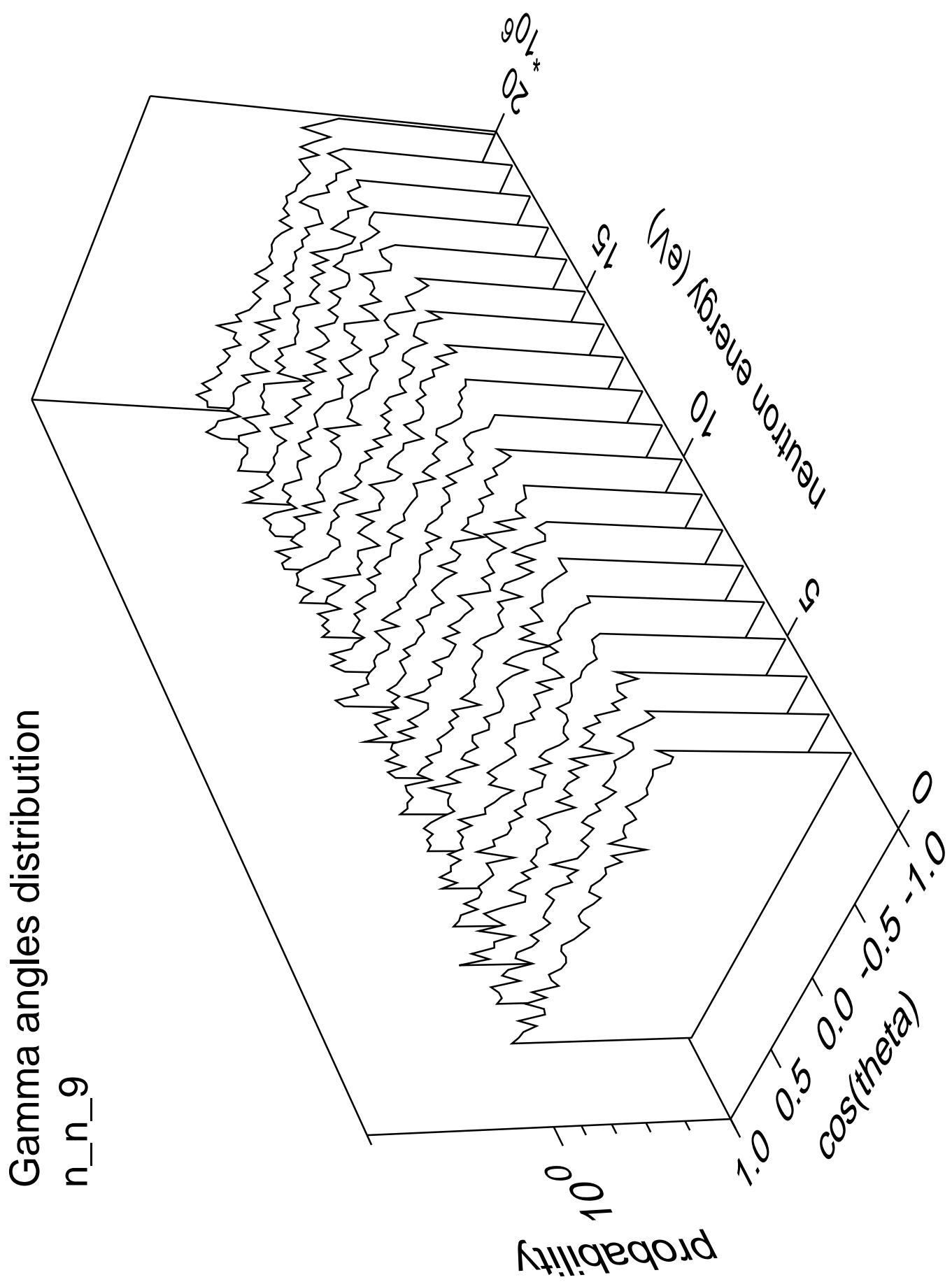
Gamma angles distribution

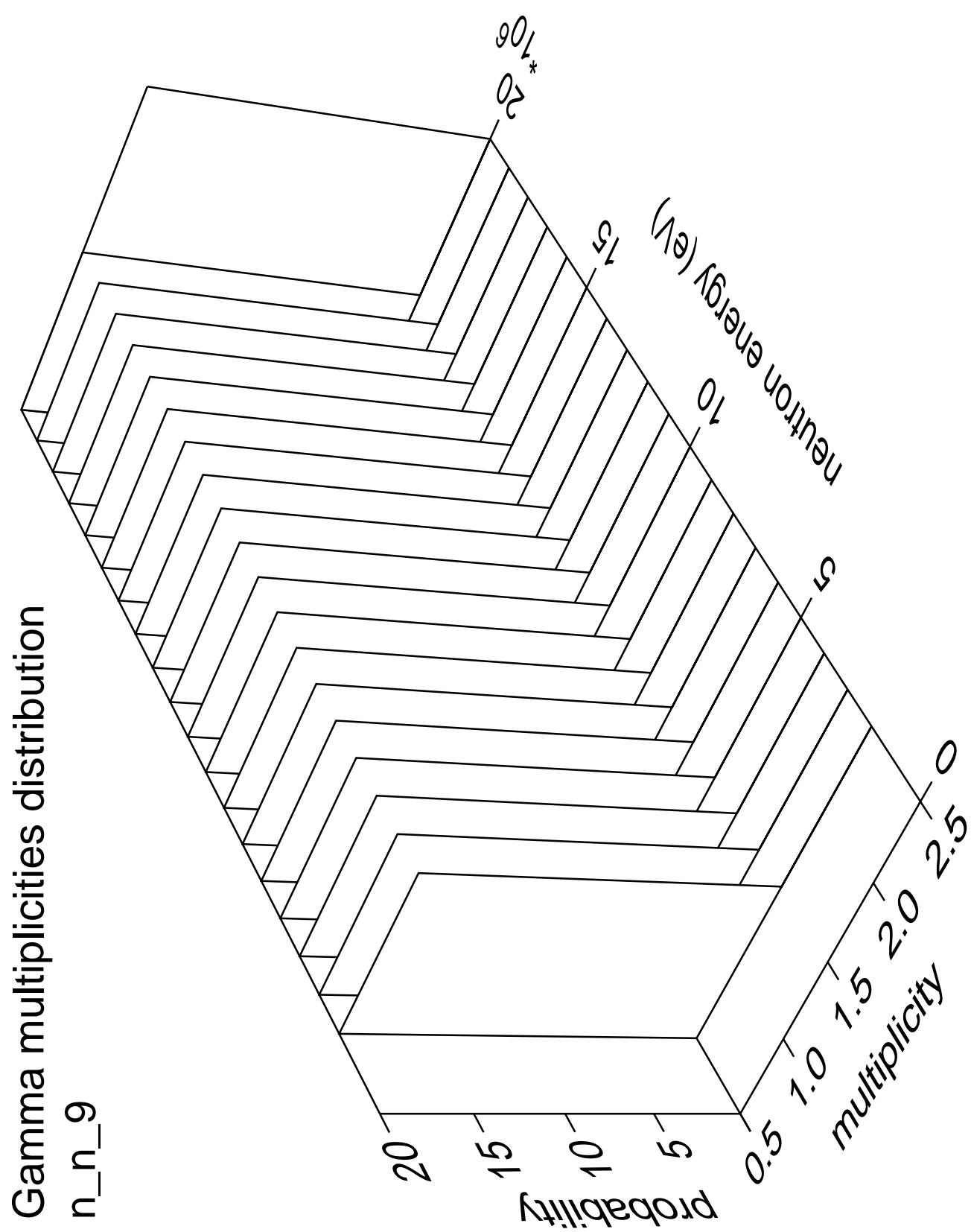
n_n_8

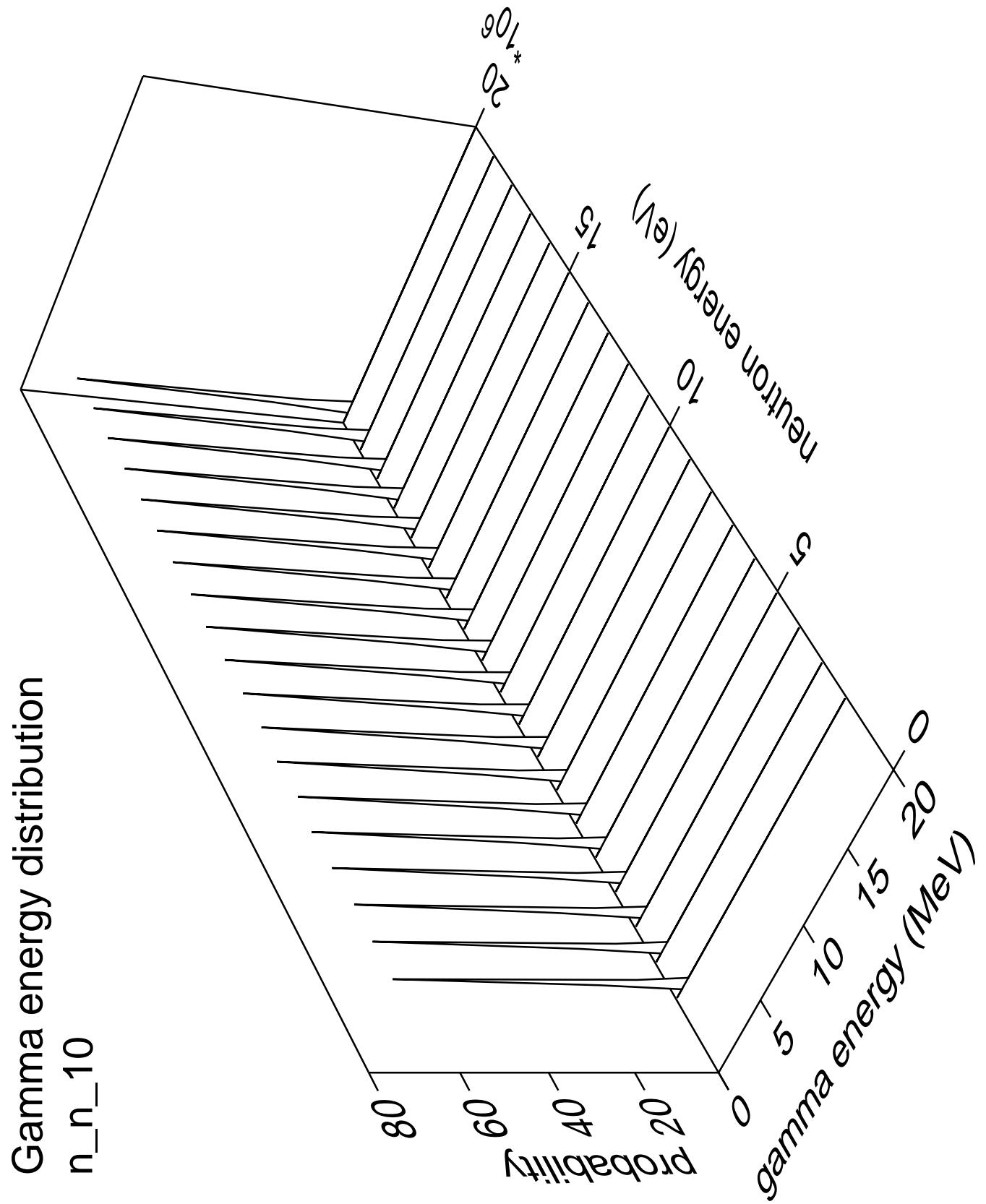






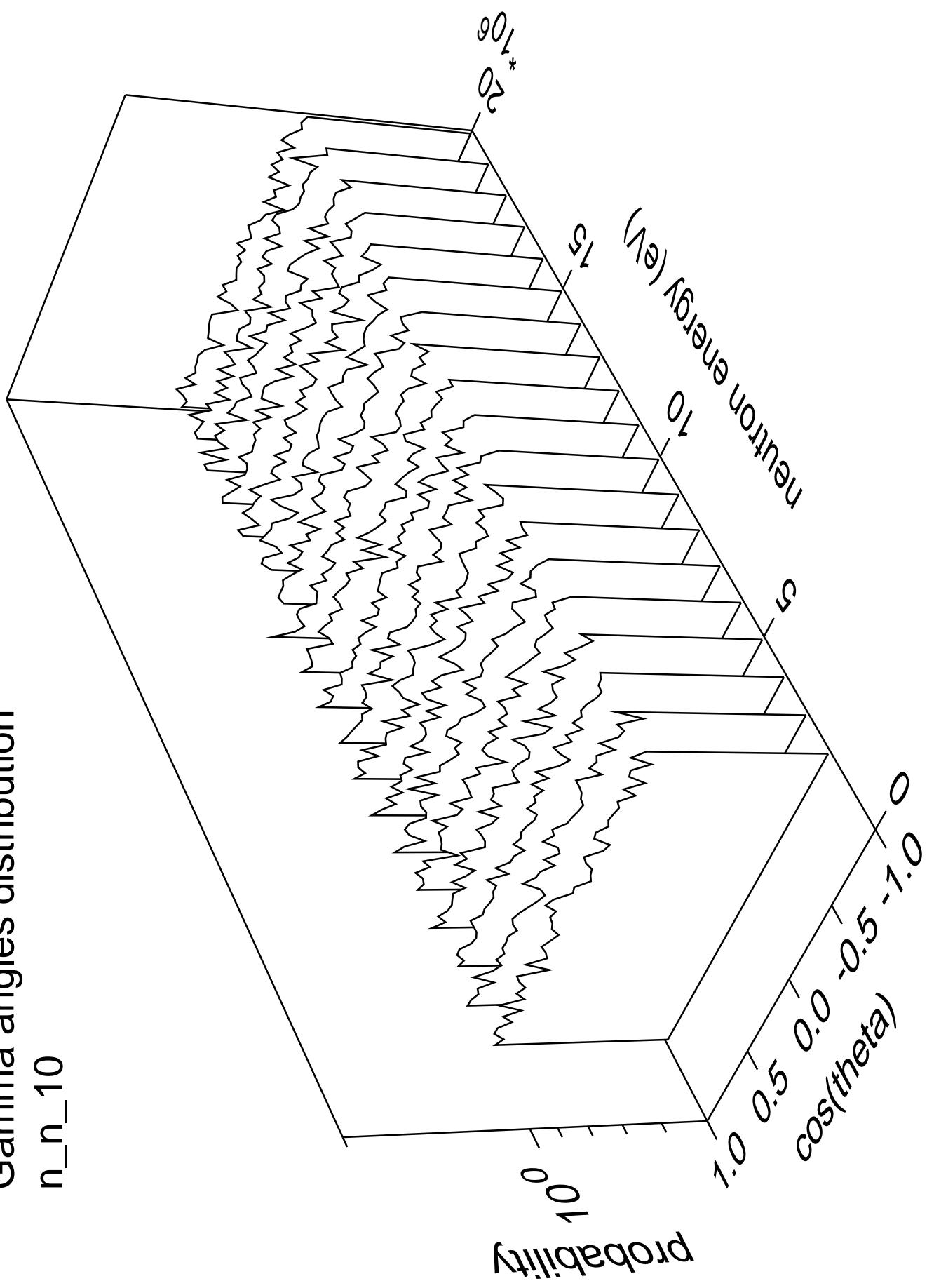


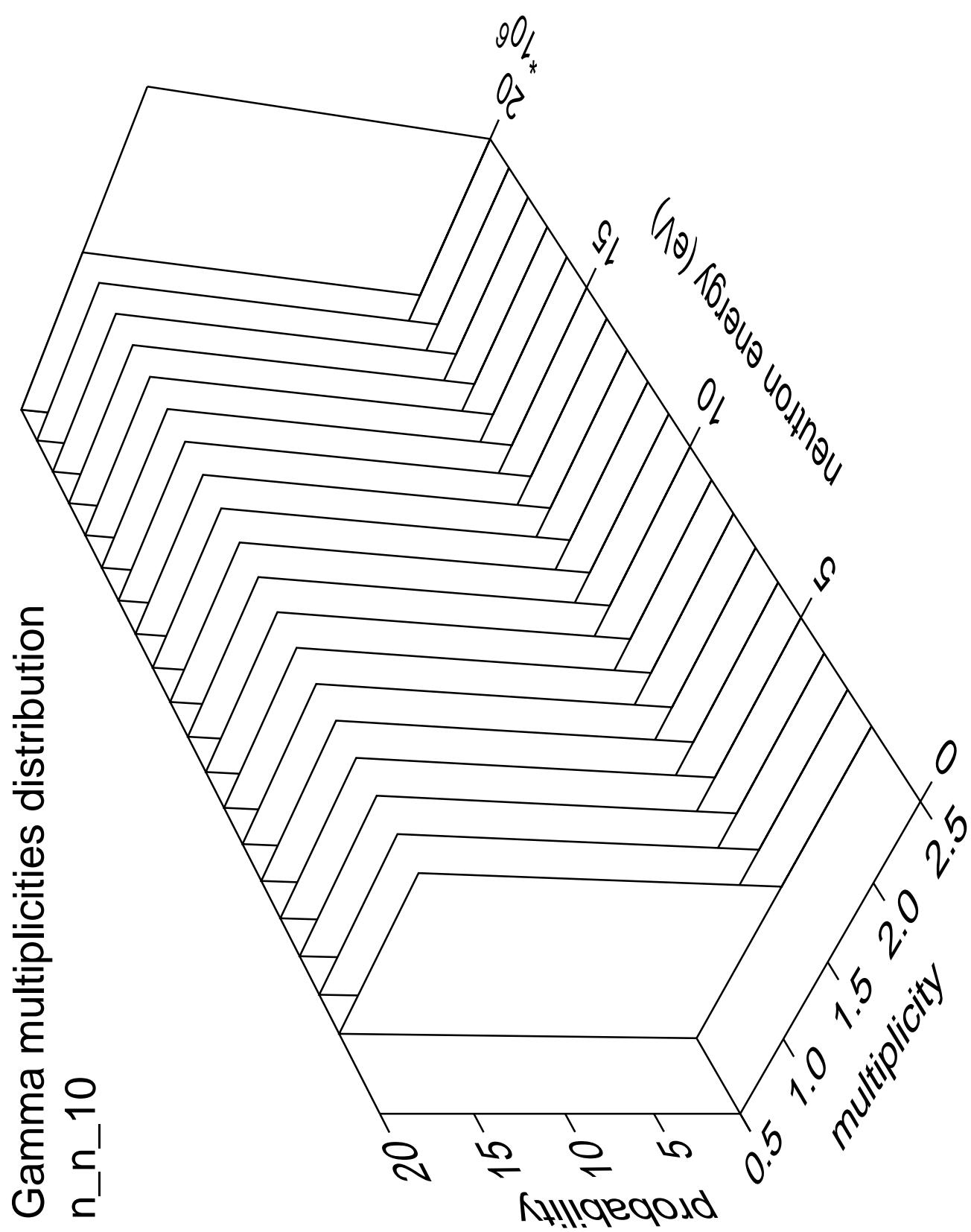




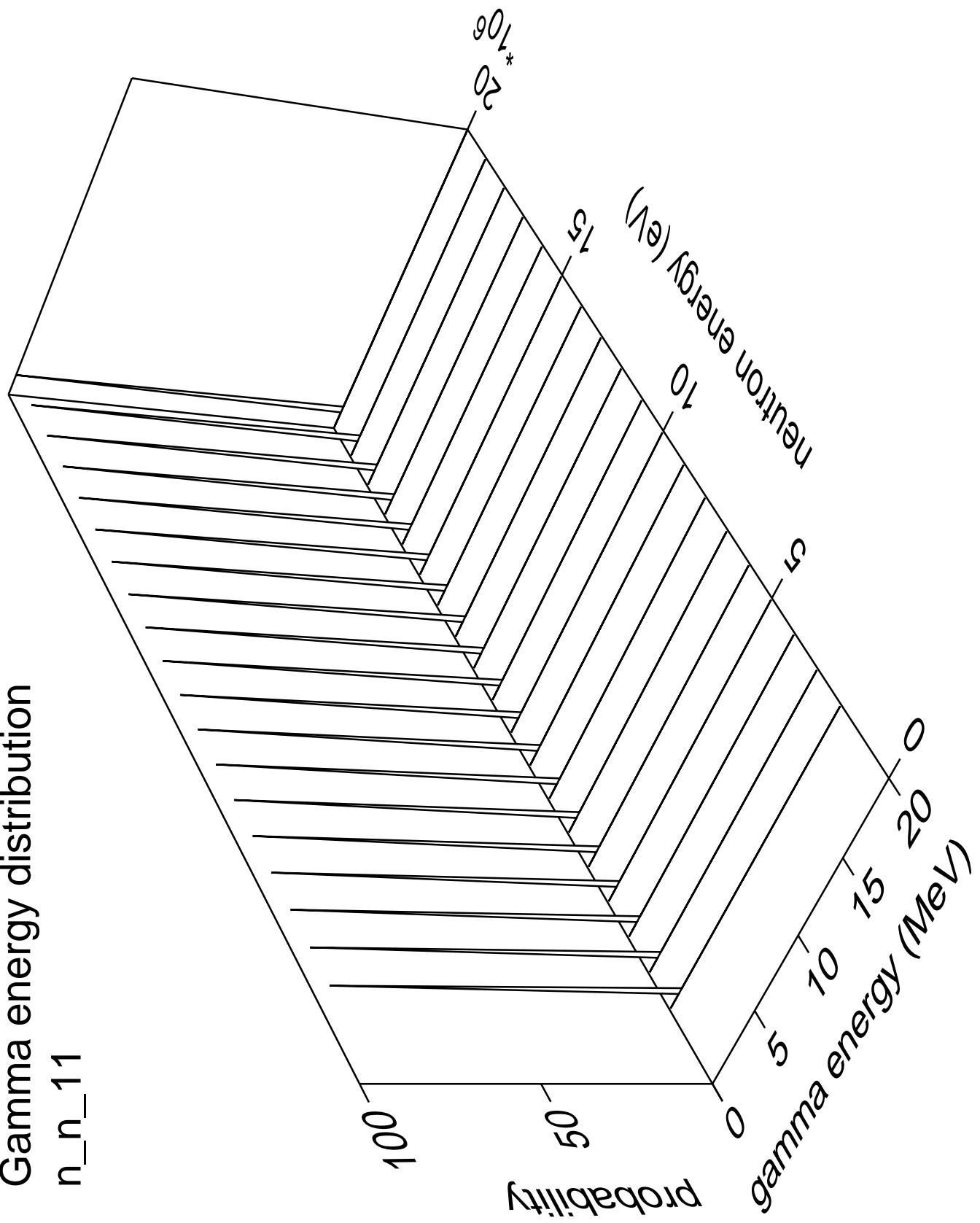
Gamma angles distribution

n_n_10

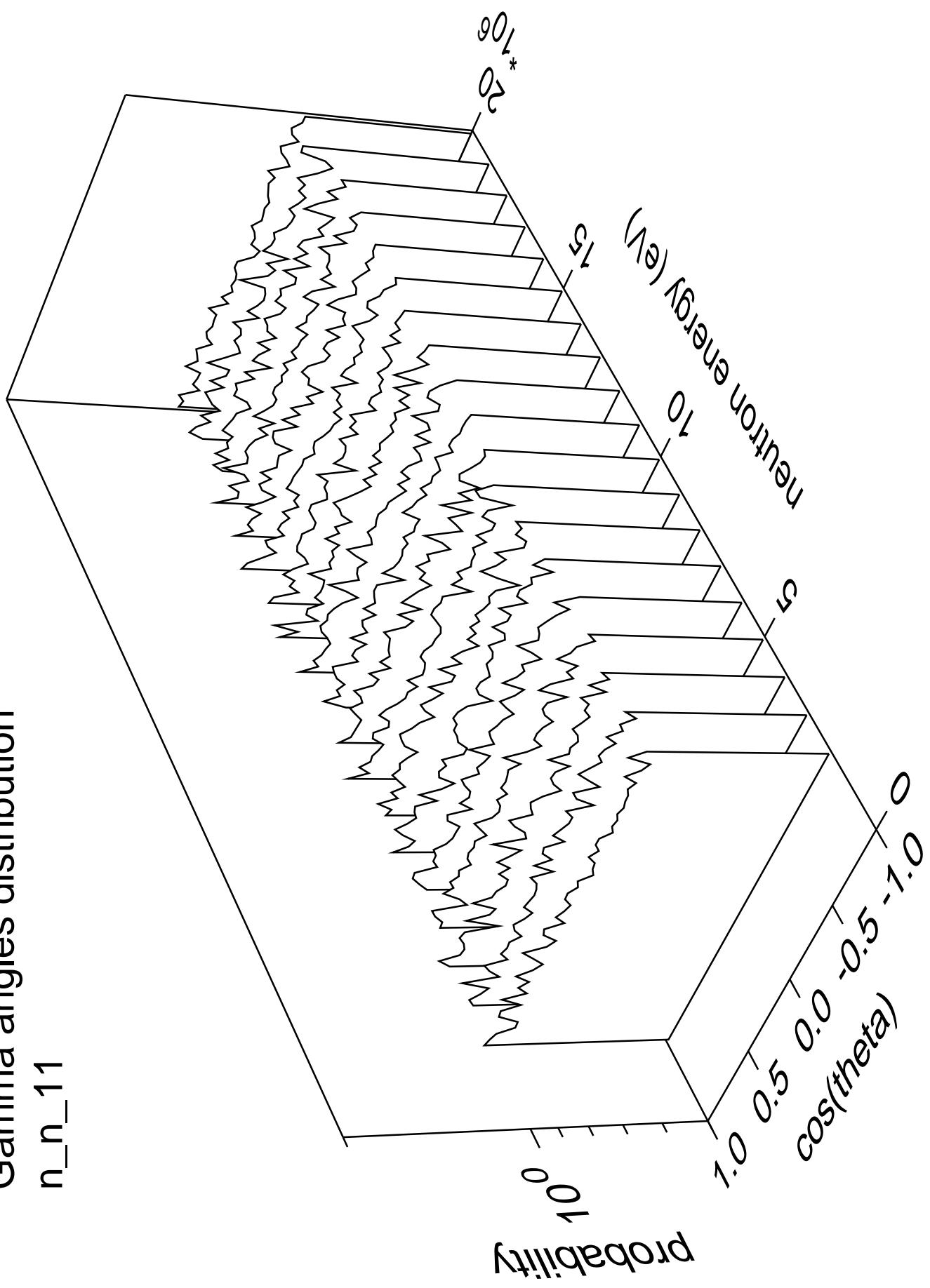




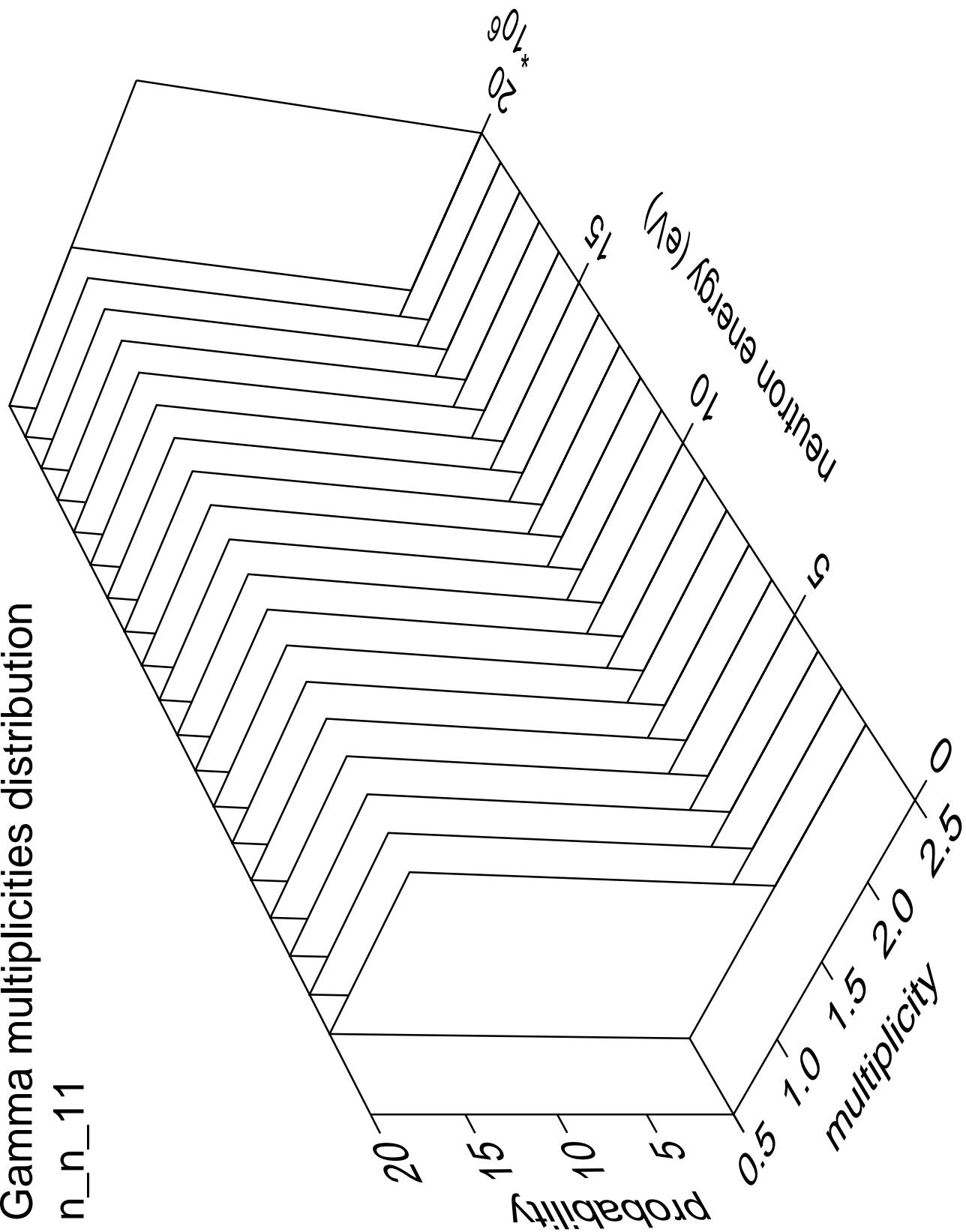
Gamma energy distribution



Gamma angles distribution

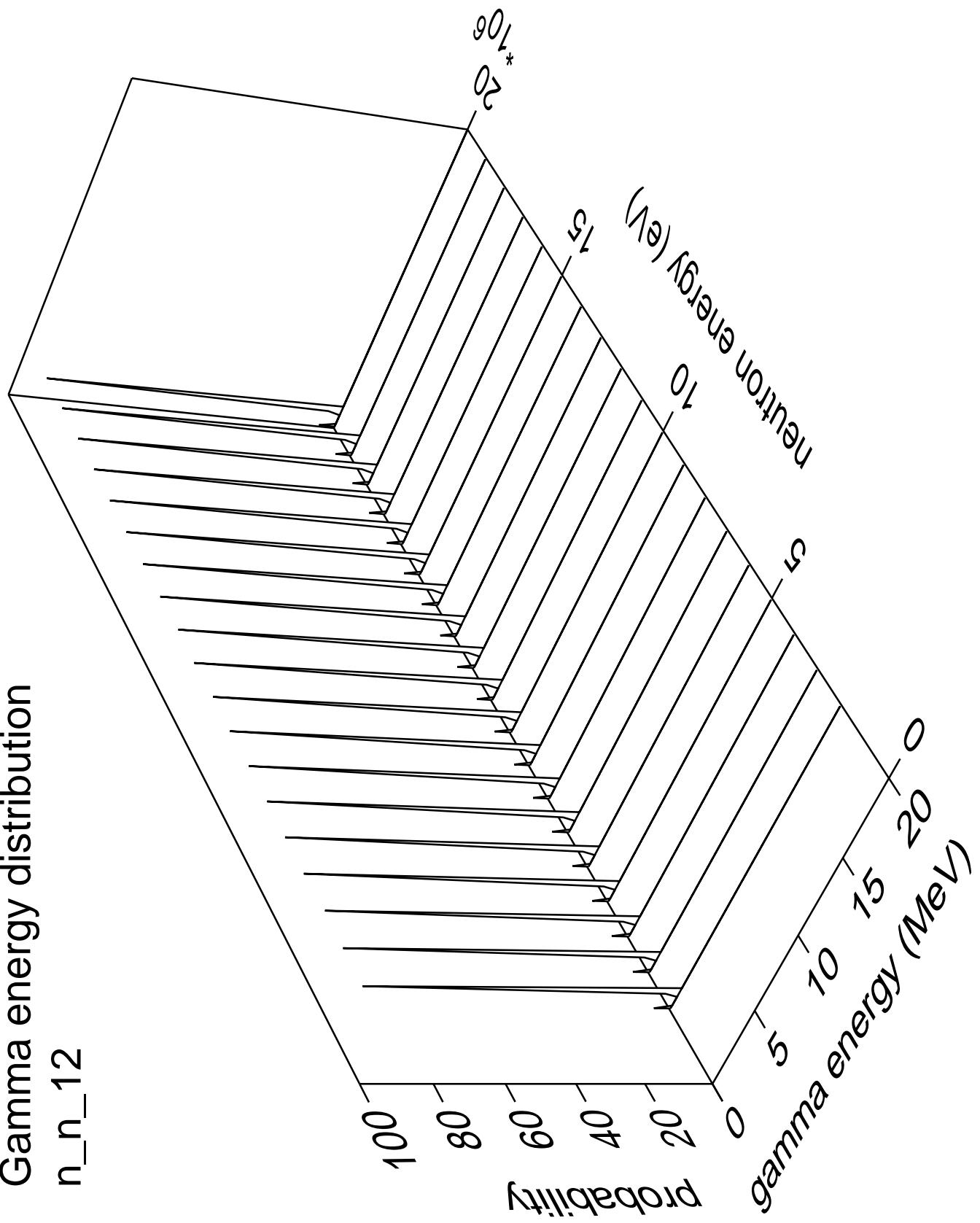


Gamma multiplicities distribution



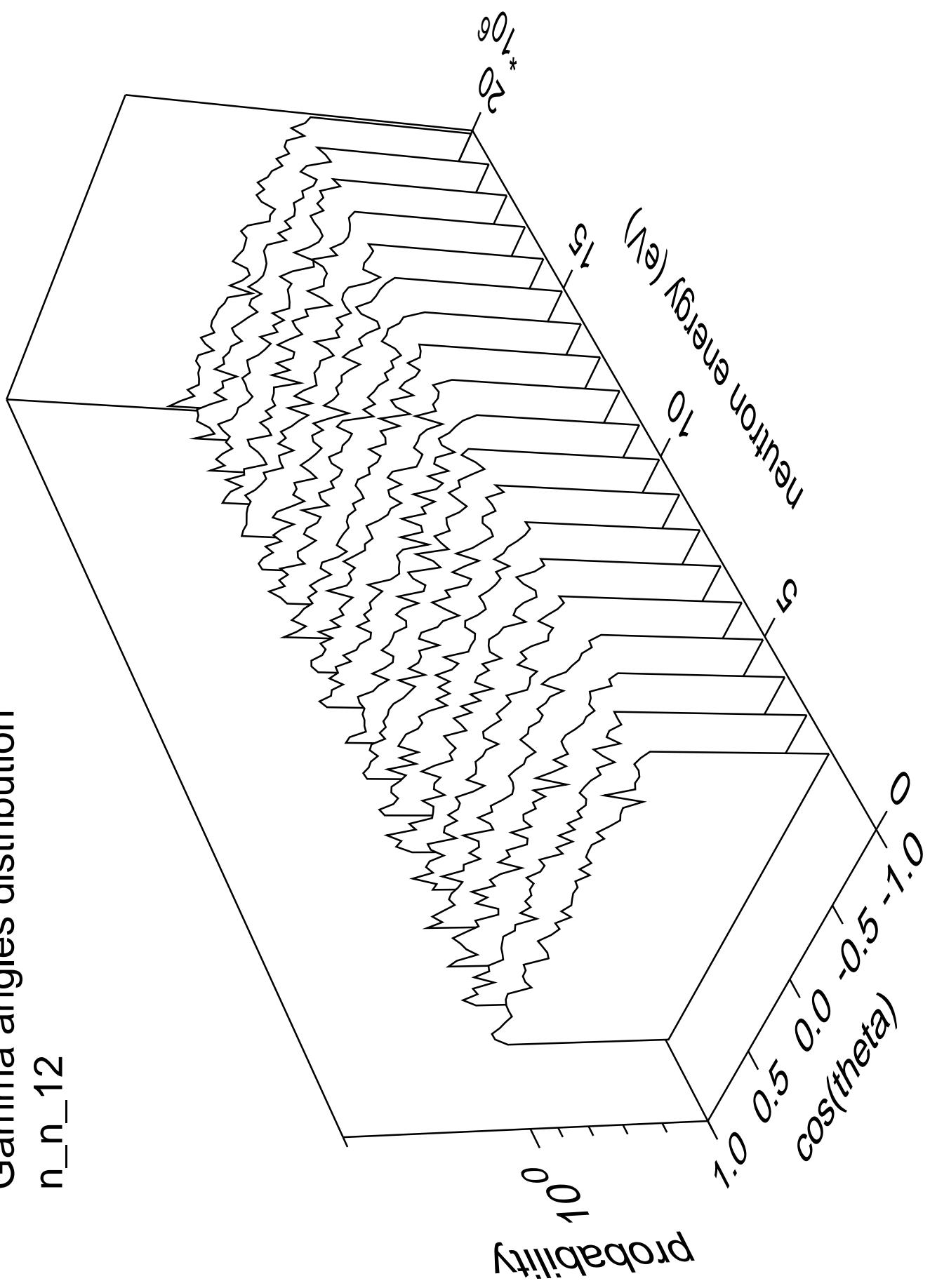
Gamma energy distribution

n_{n_12}

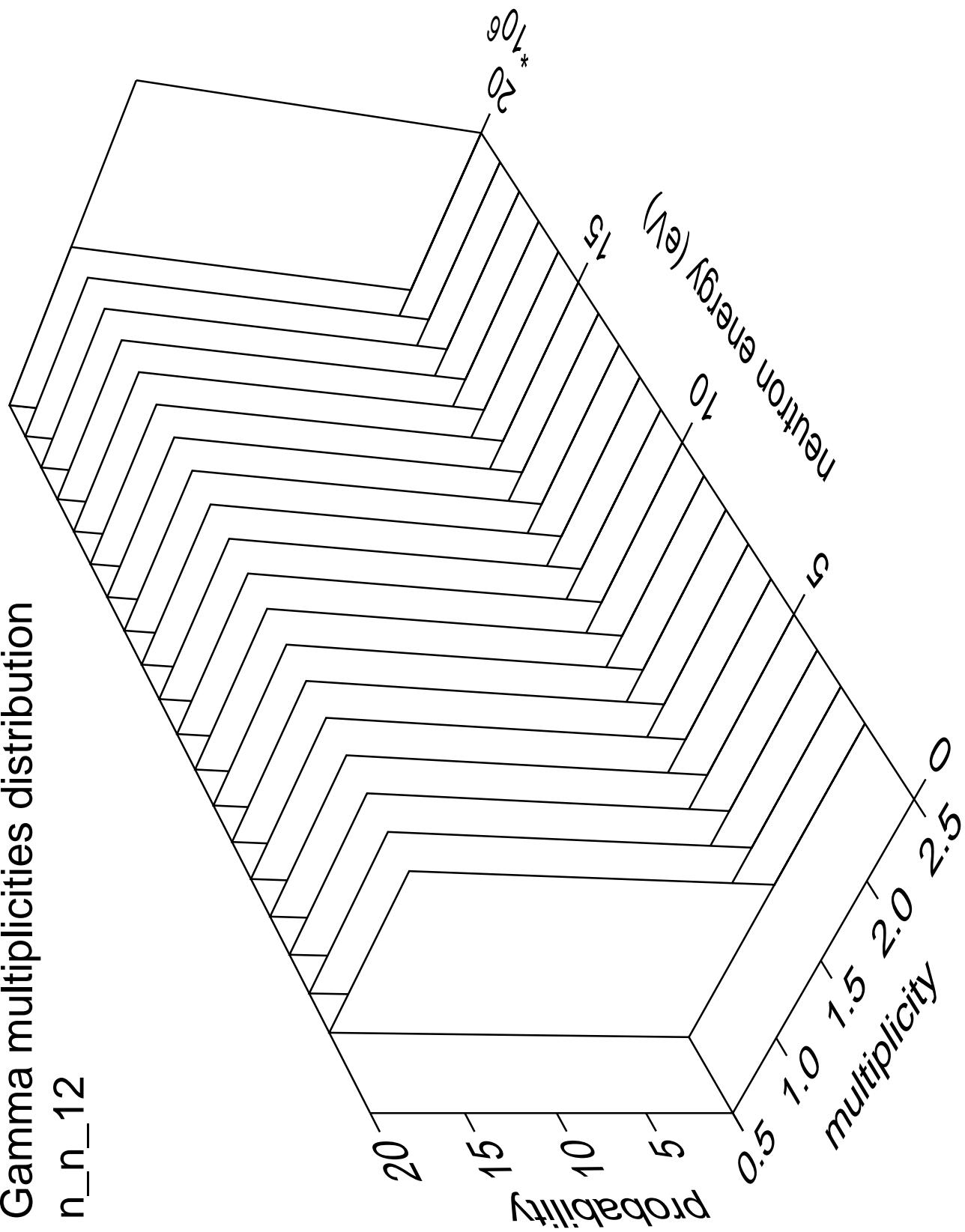


Gamma angles distribution

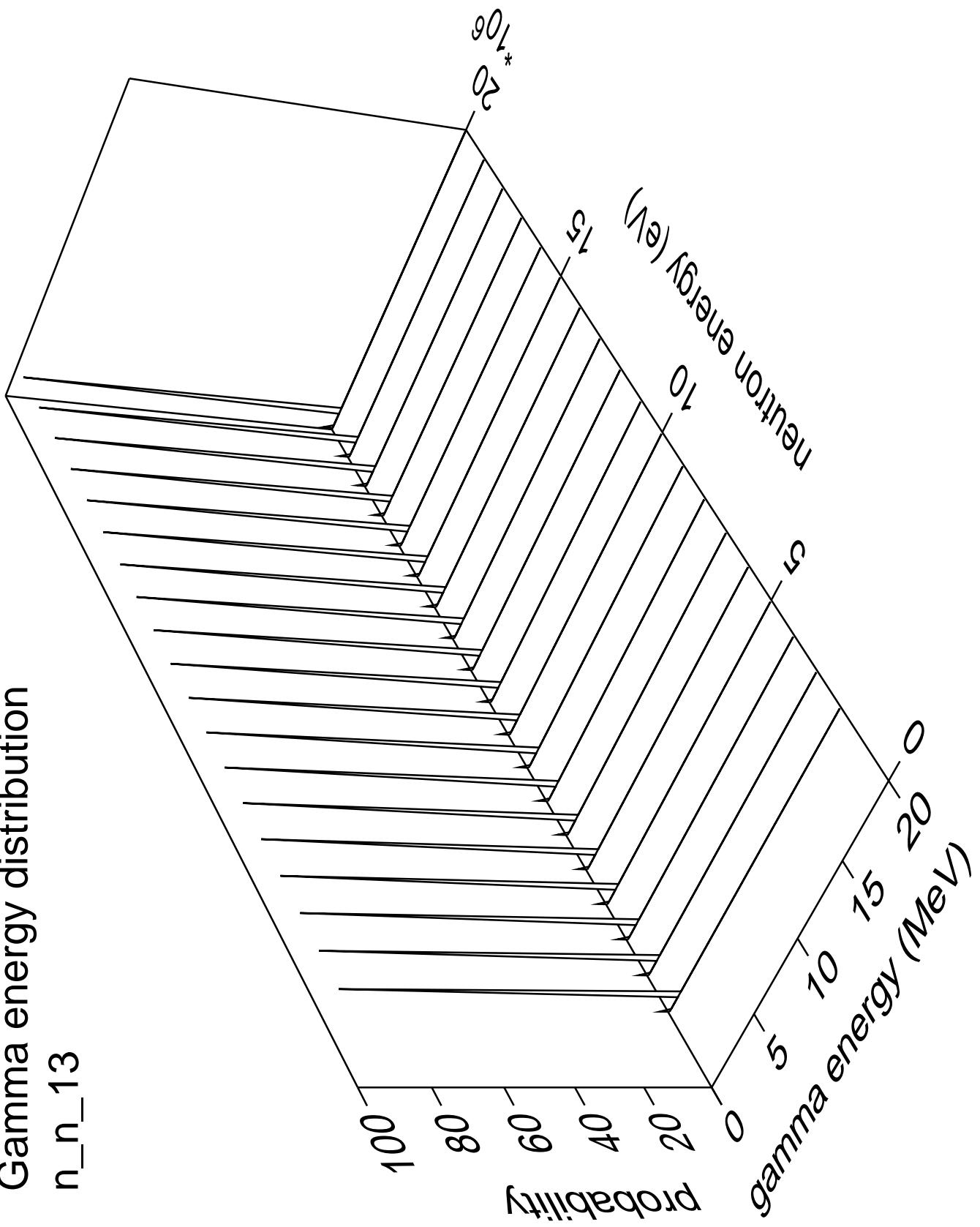
n_{n_12}



Gamma multiplicities distribution

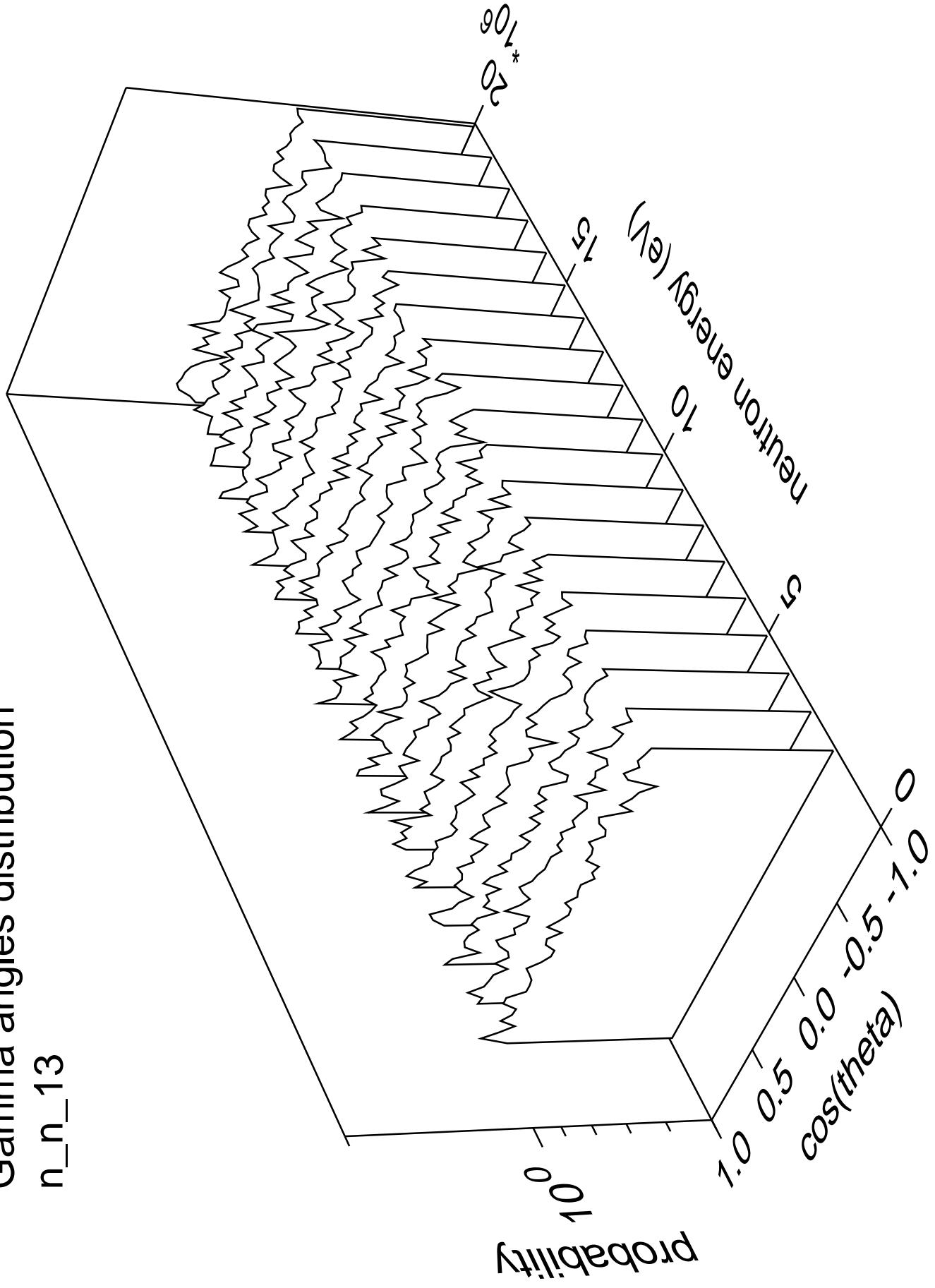


Gamma energy distribution n_{n_13}

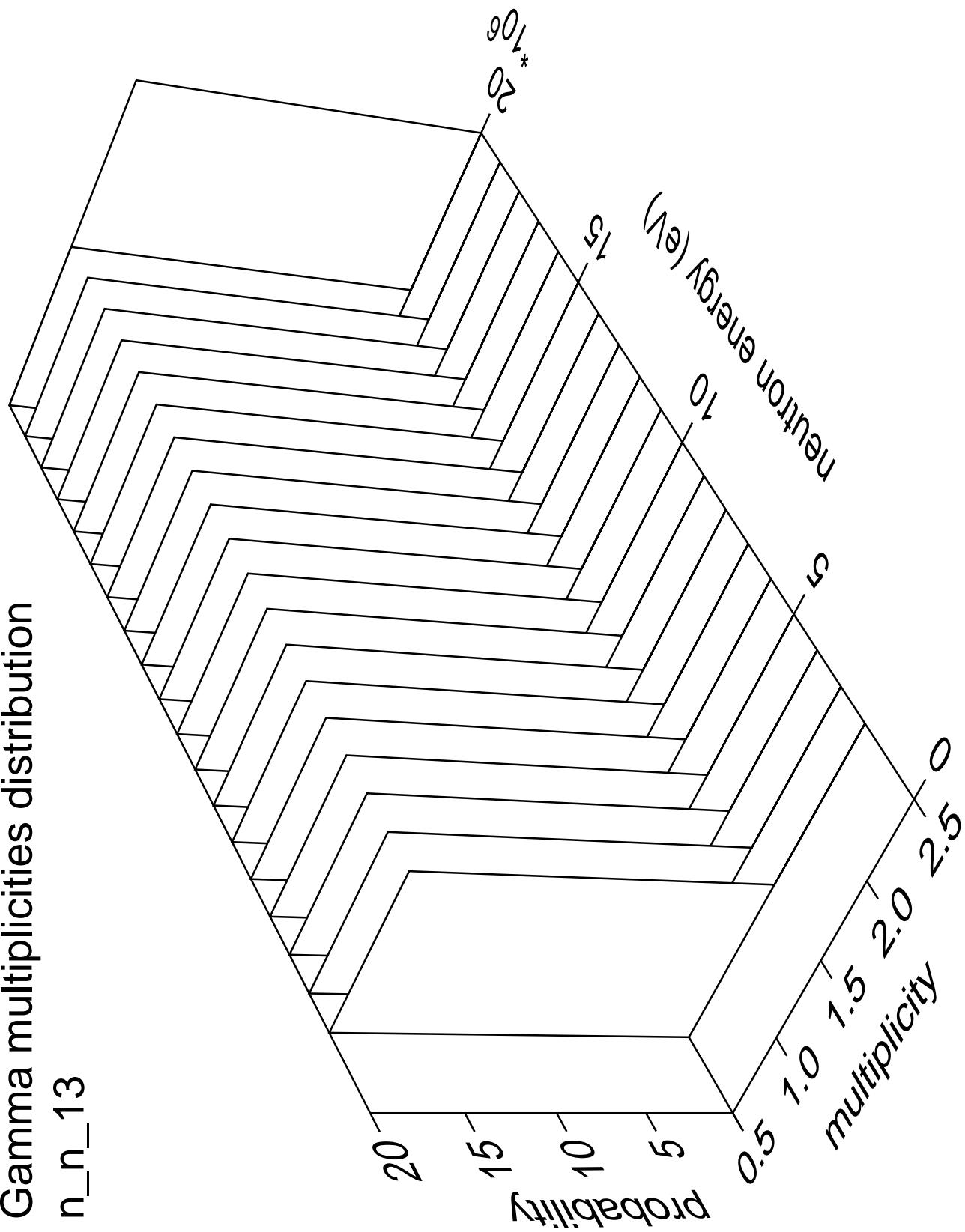


Gamma angles distribution

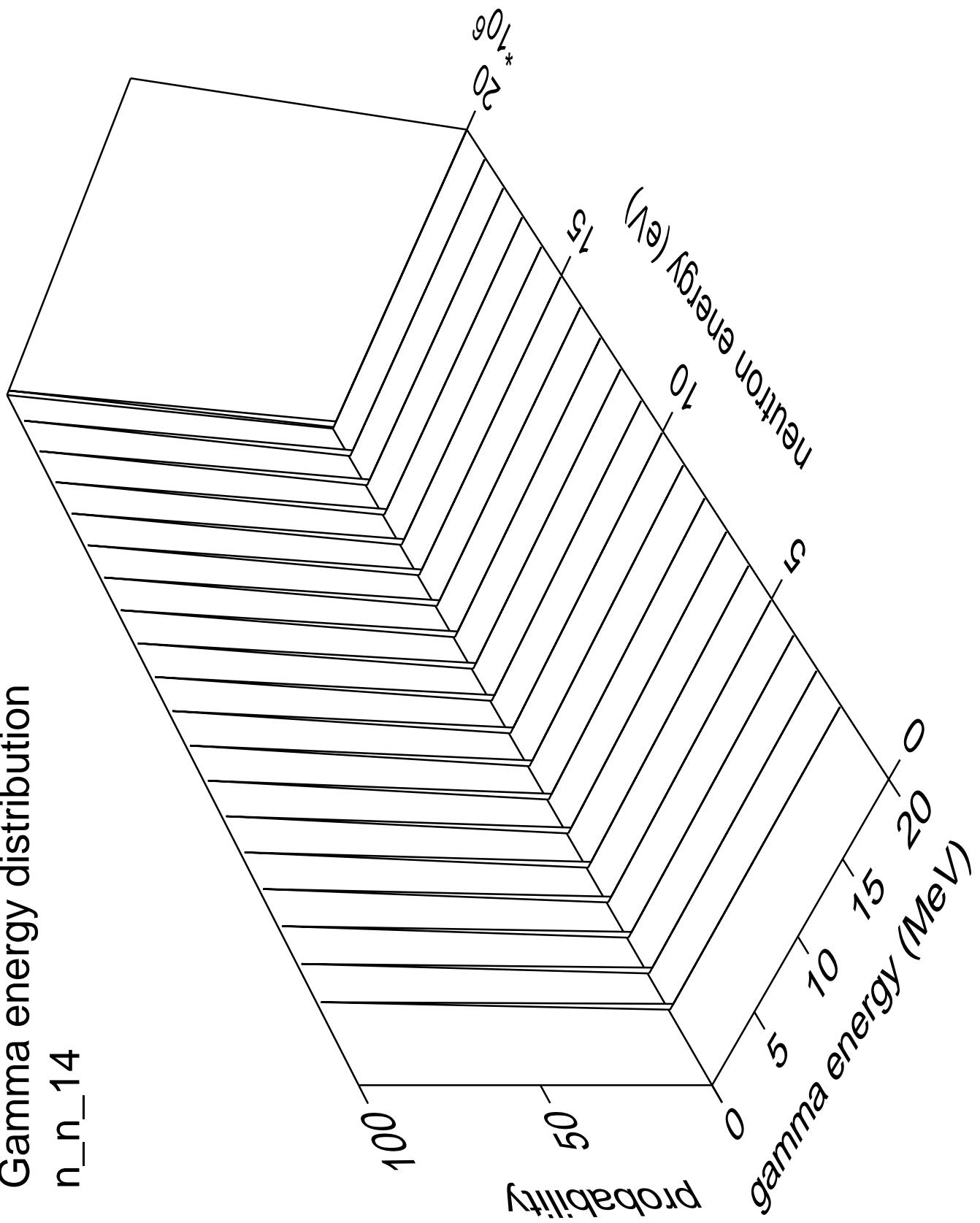
n_n_13



Gamma multiplicities distribution

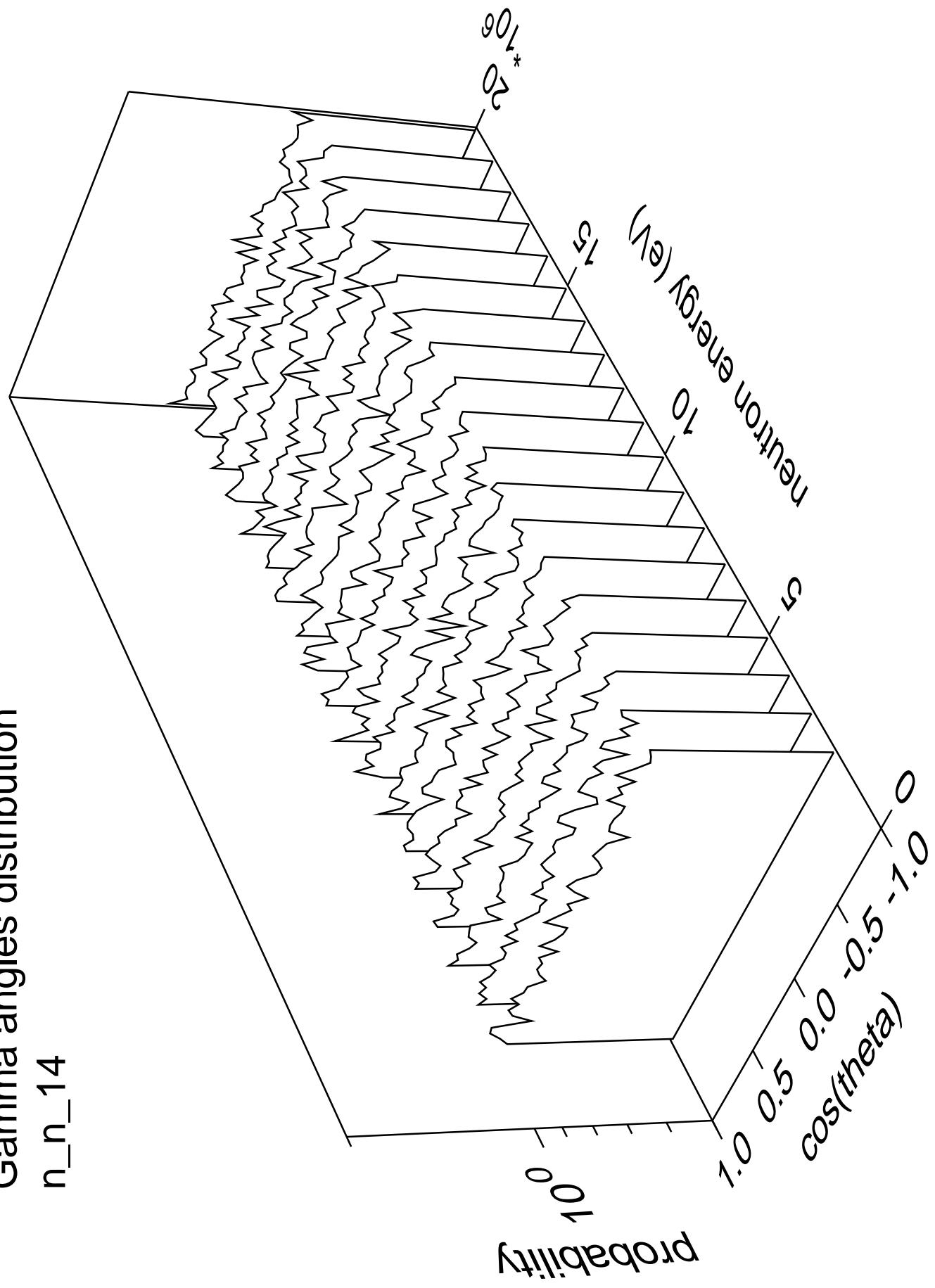


Gamma energy distribution n_n_14

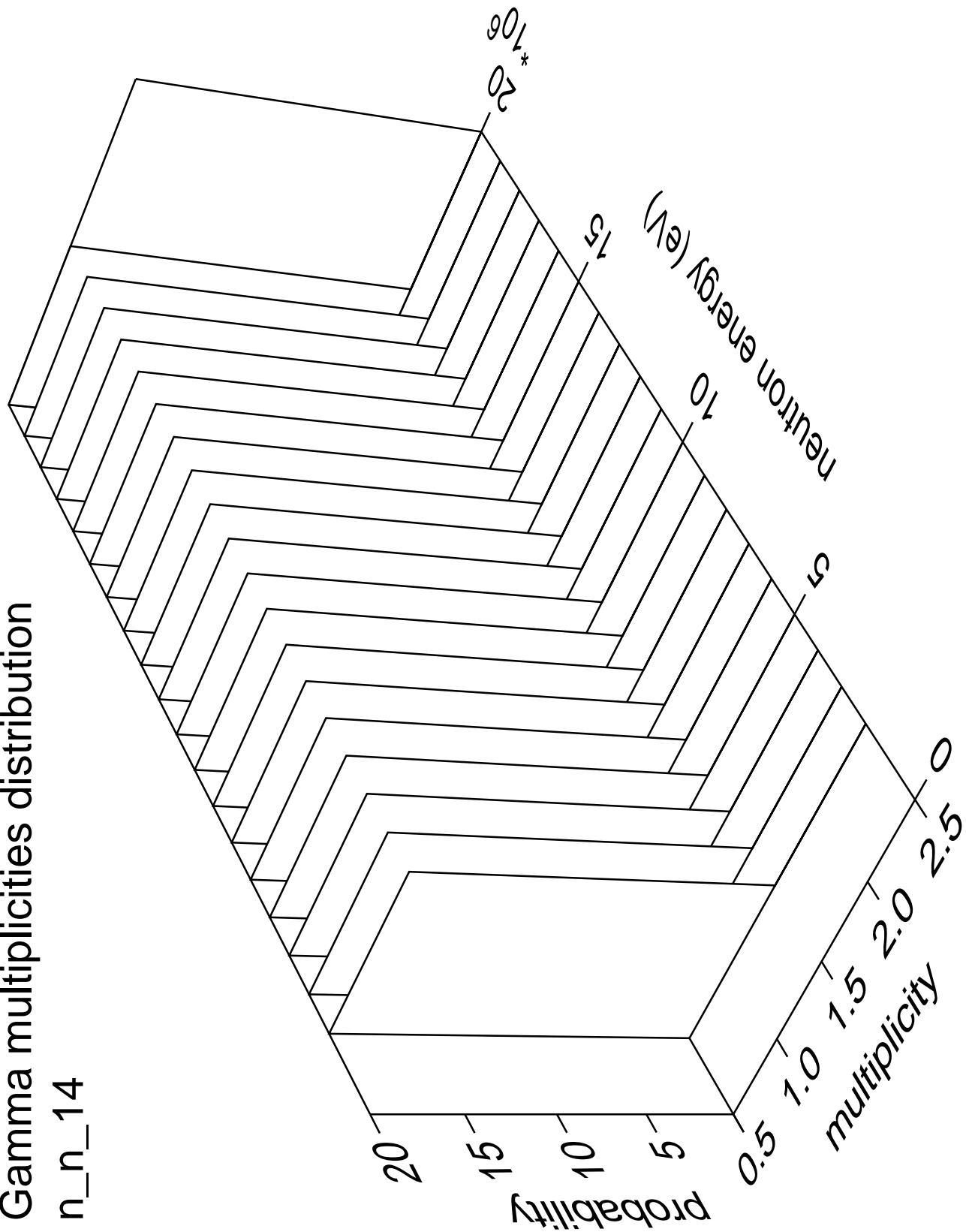


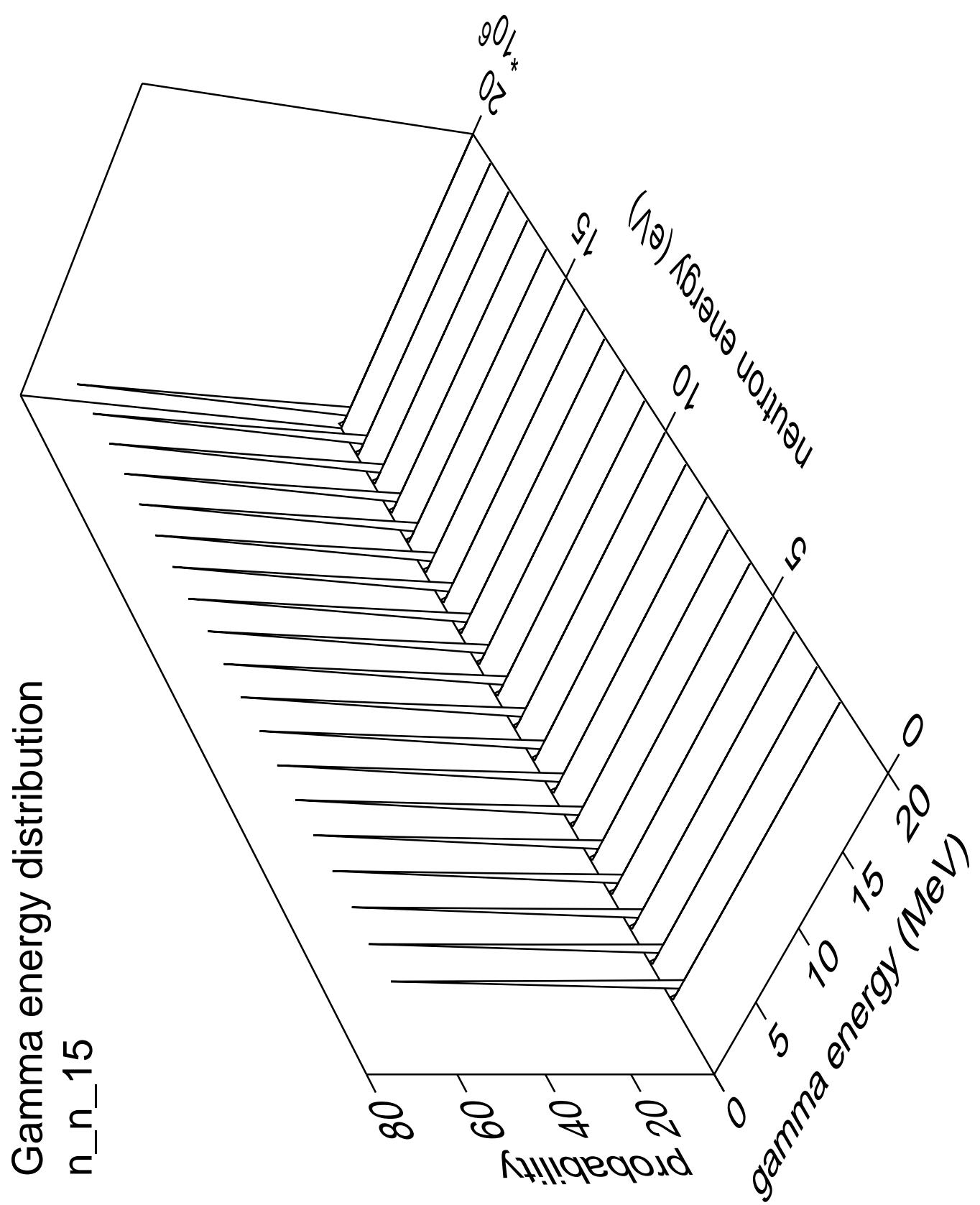
Gamma angles distribution

n_n_14



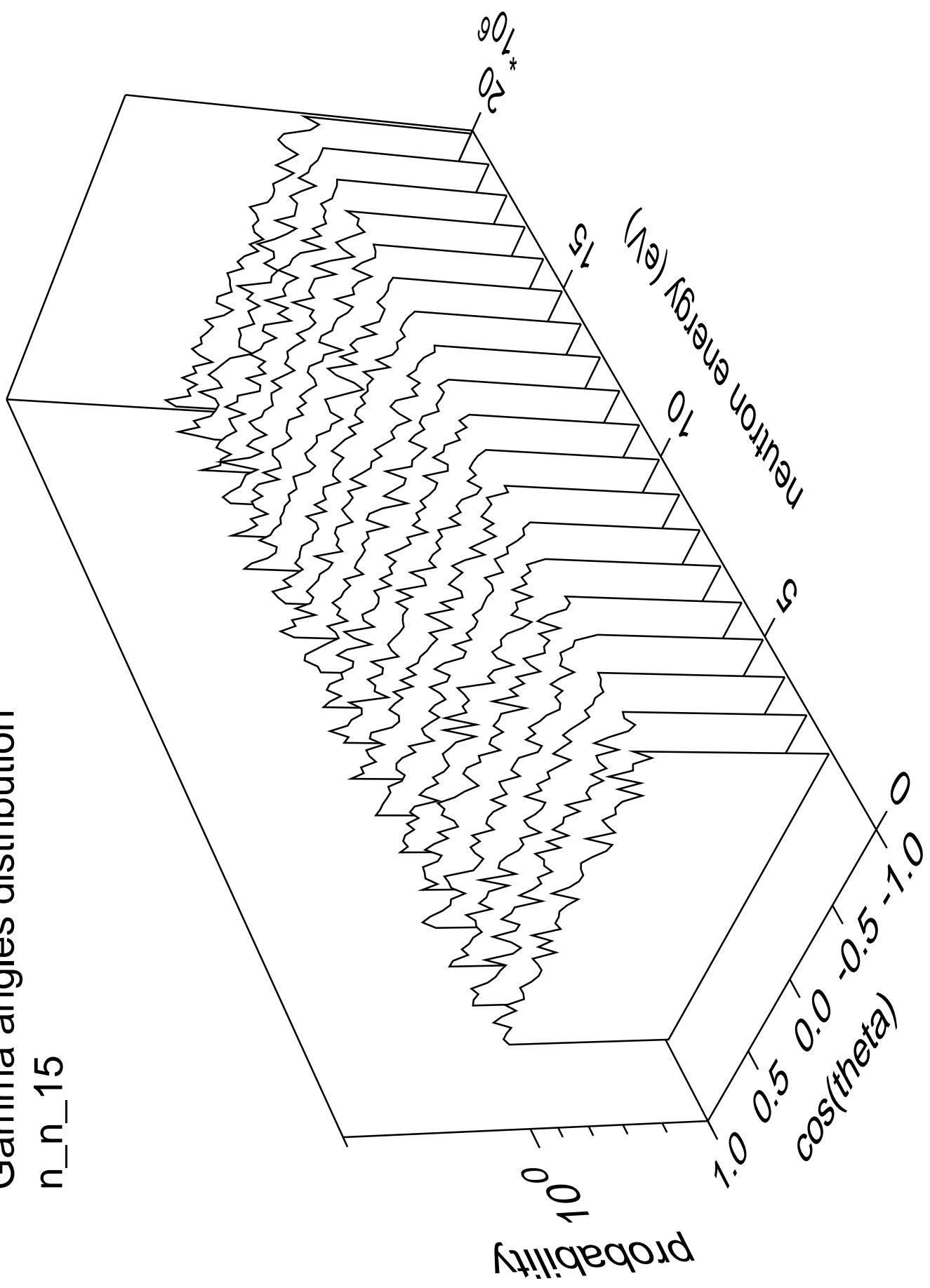
Gamma multiplicities distribution n_n_14



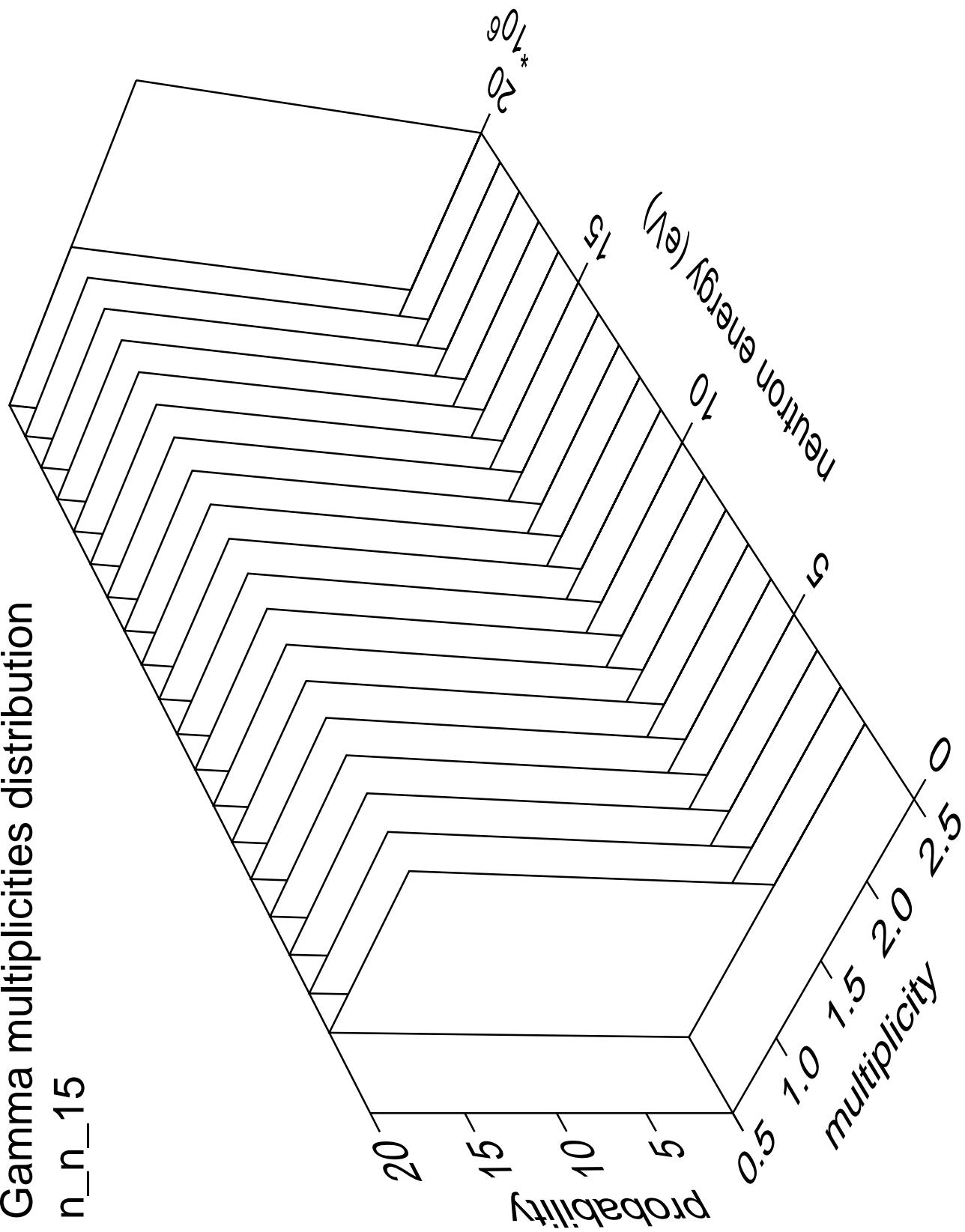


Gamma angles distribution

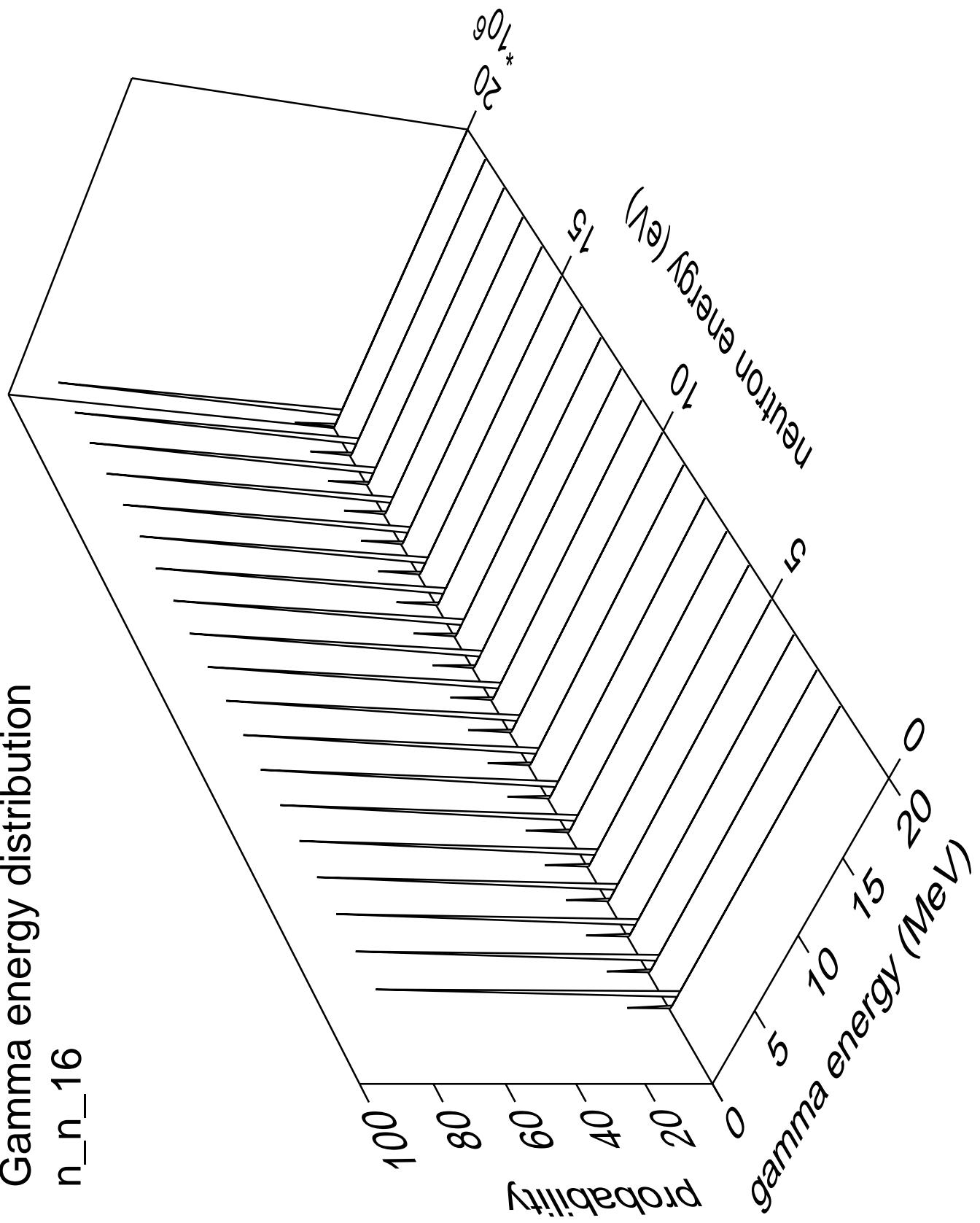
n_n_15



Gamma multiplicities distribution

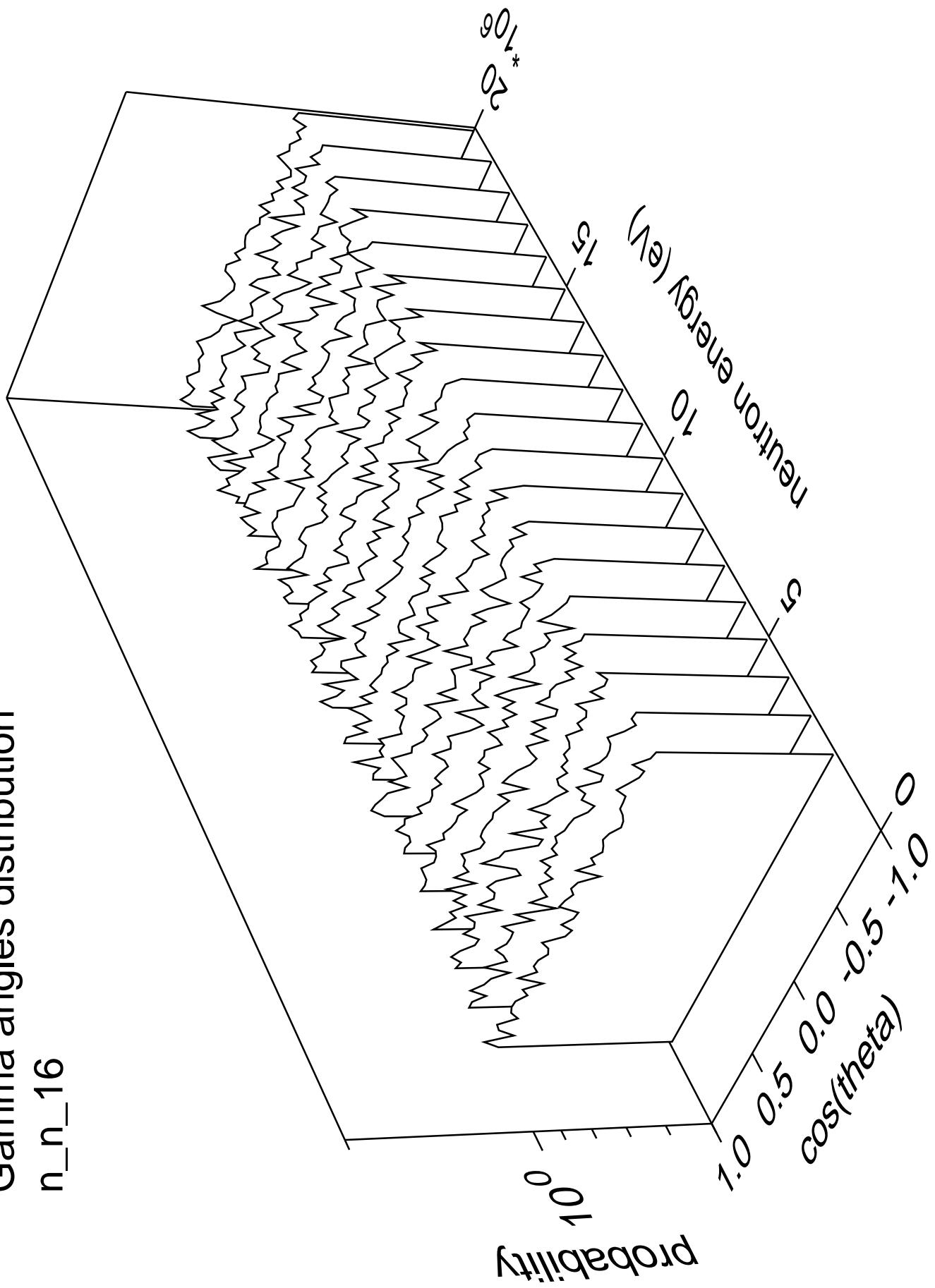


Gamma energy distribution

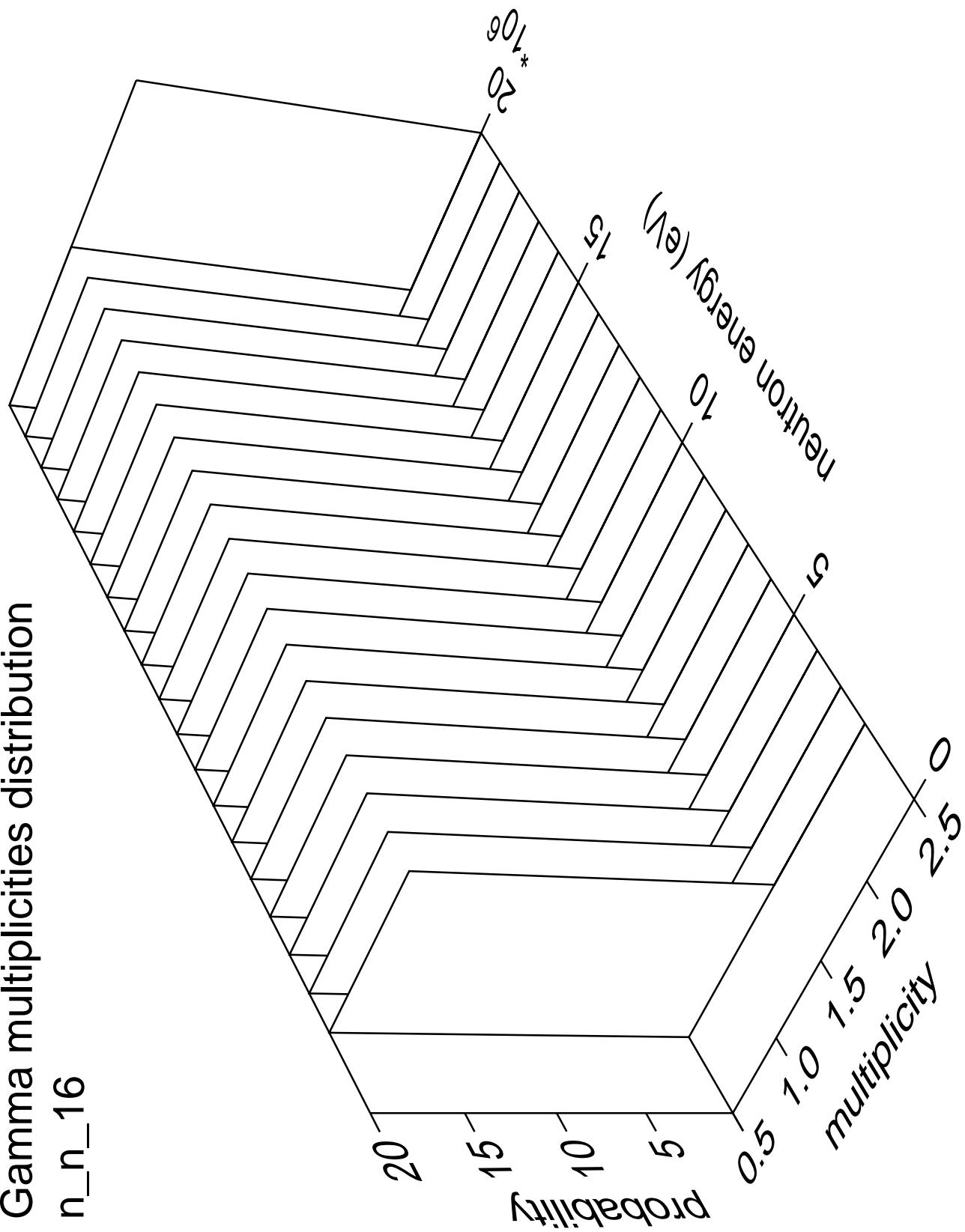


Gamma angles distribution

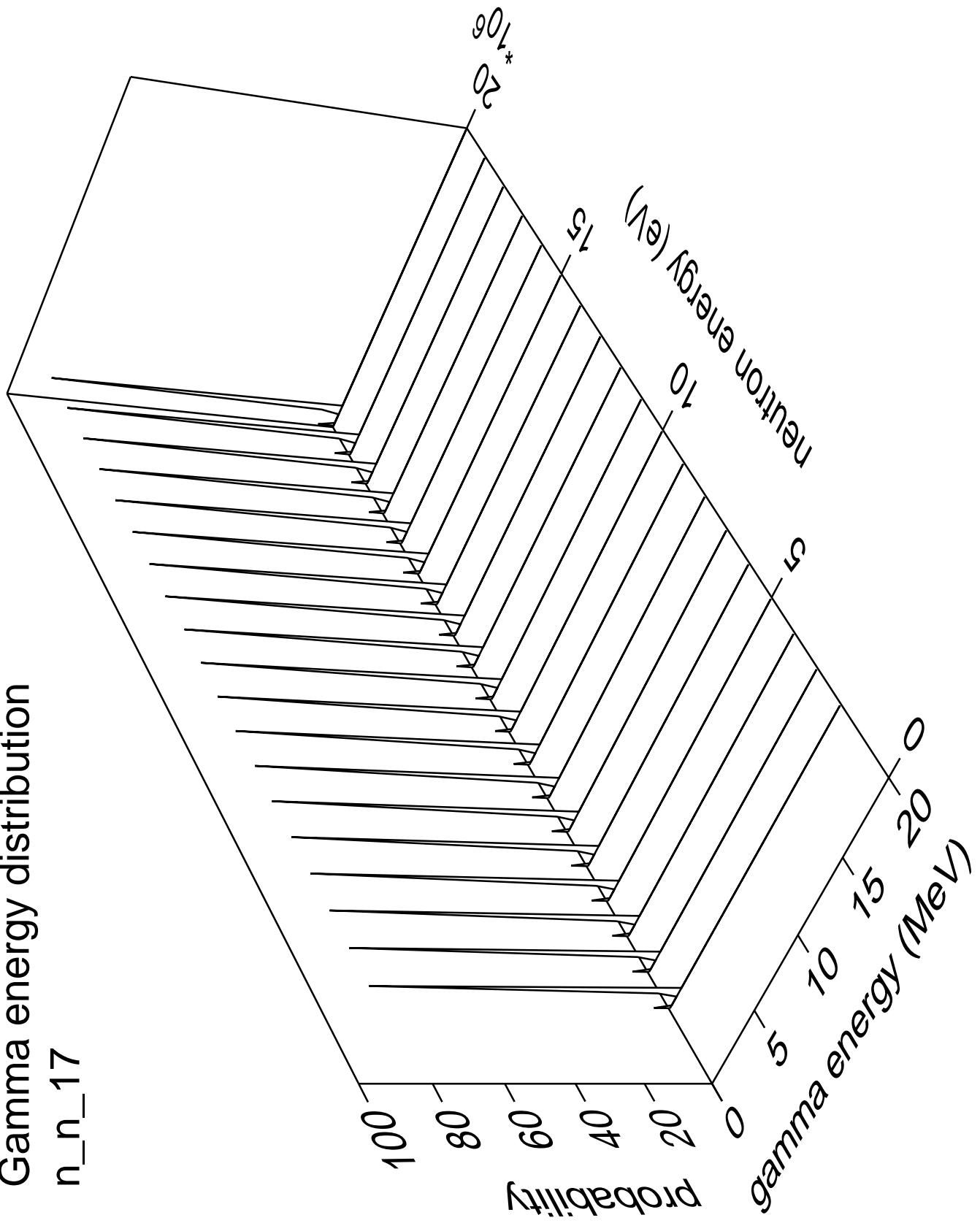
n_n_16



Gamma multiplicities distribution

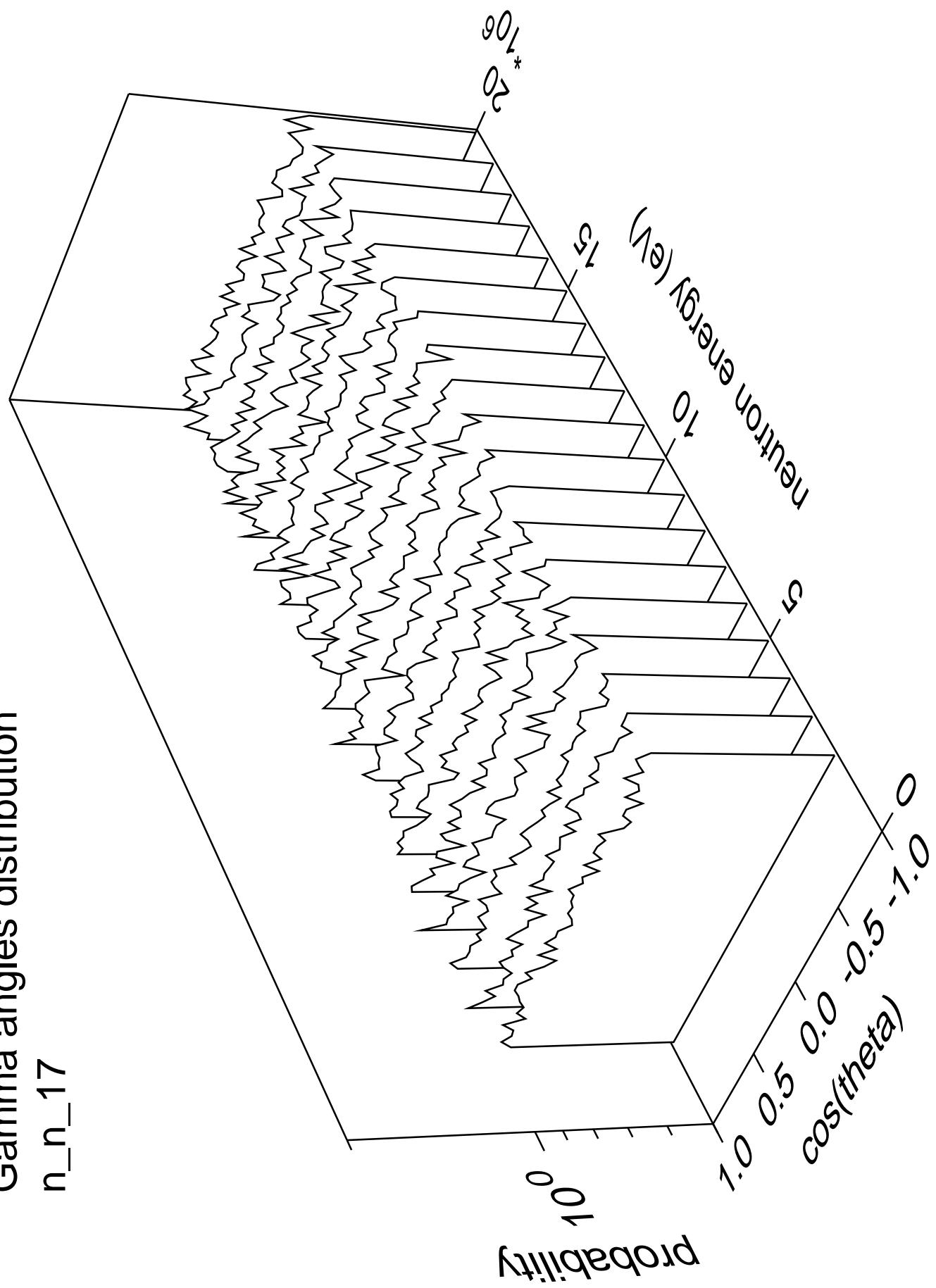


Gamma energy distribution n_n_17

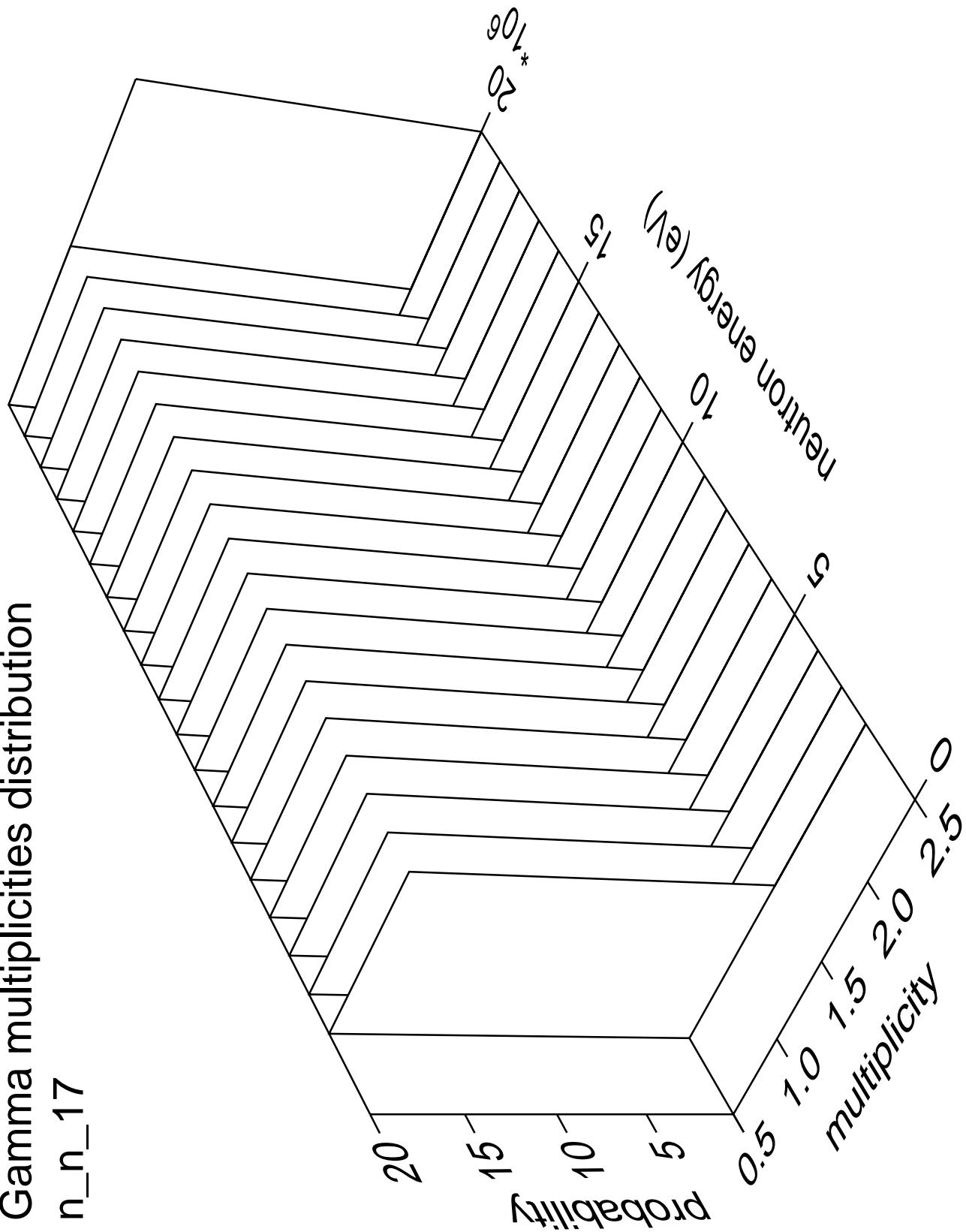


Gamma angles distribution

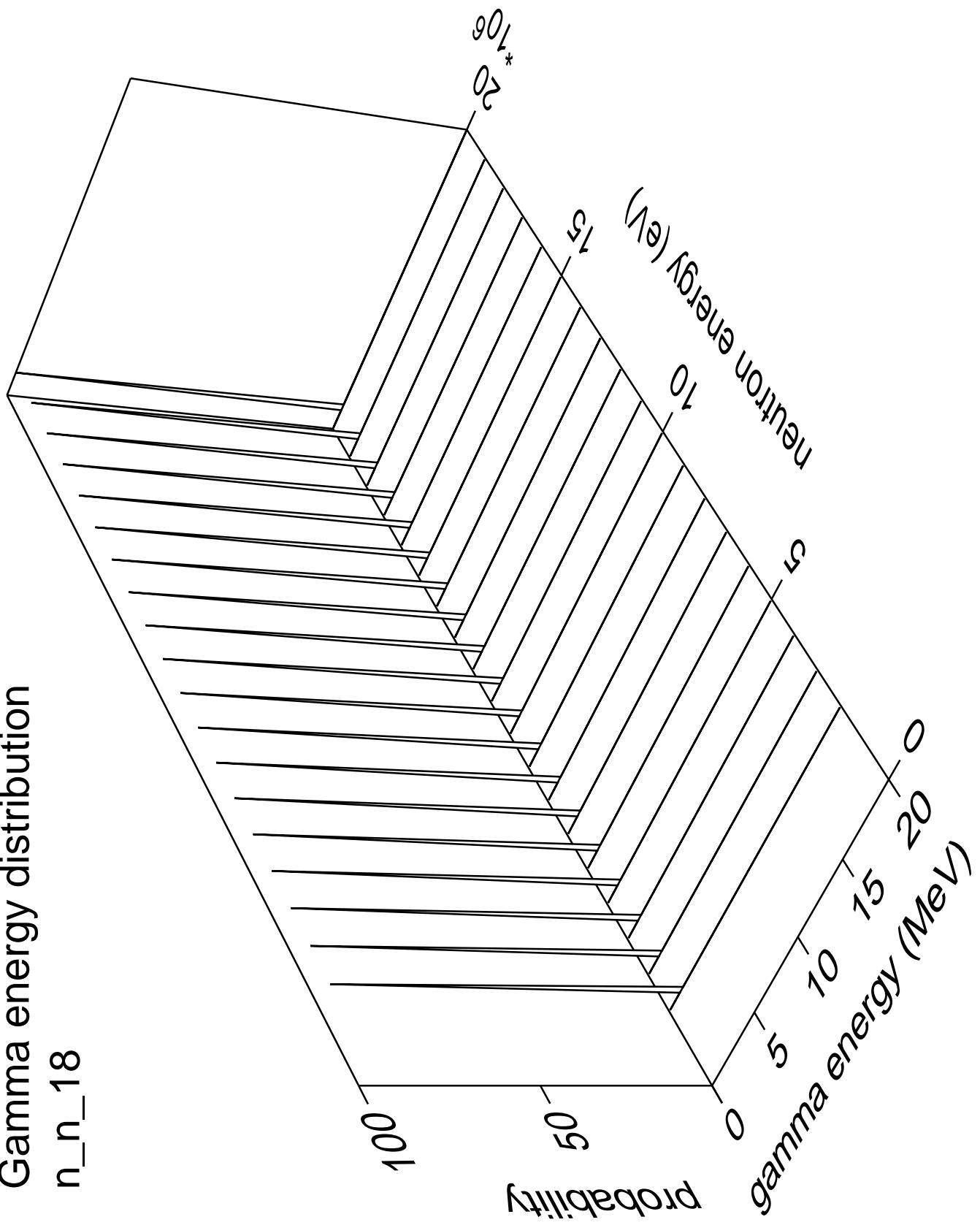
n_n_17



Gamma multiplicities distribution n_n_17

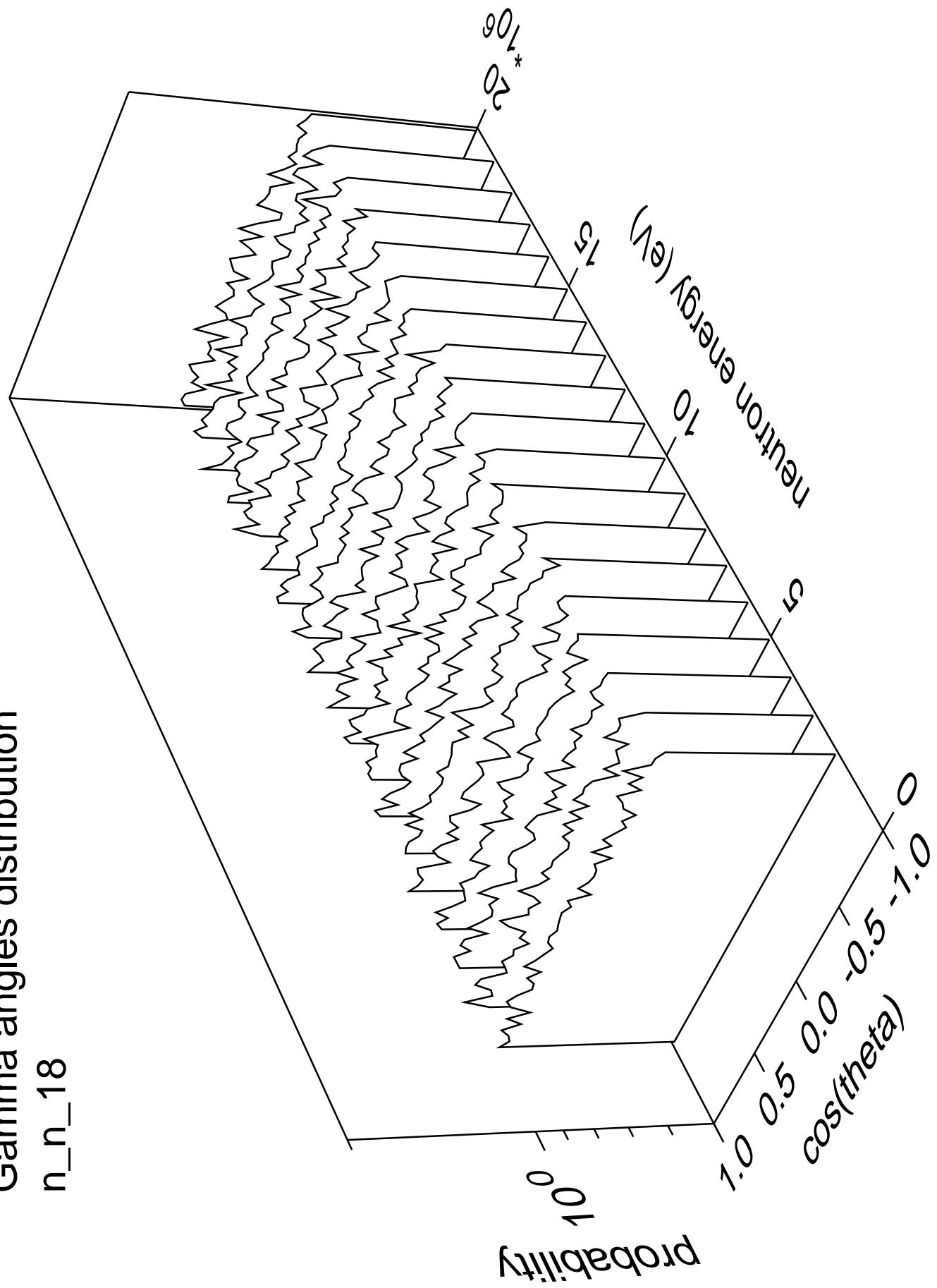


Gamma energy distribution $n_{n\text{-}18}$

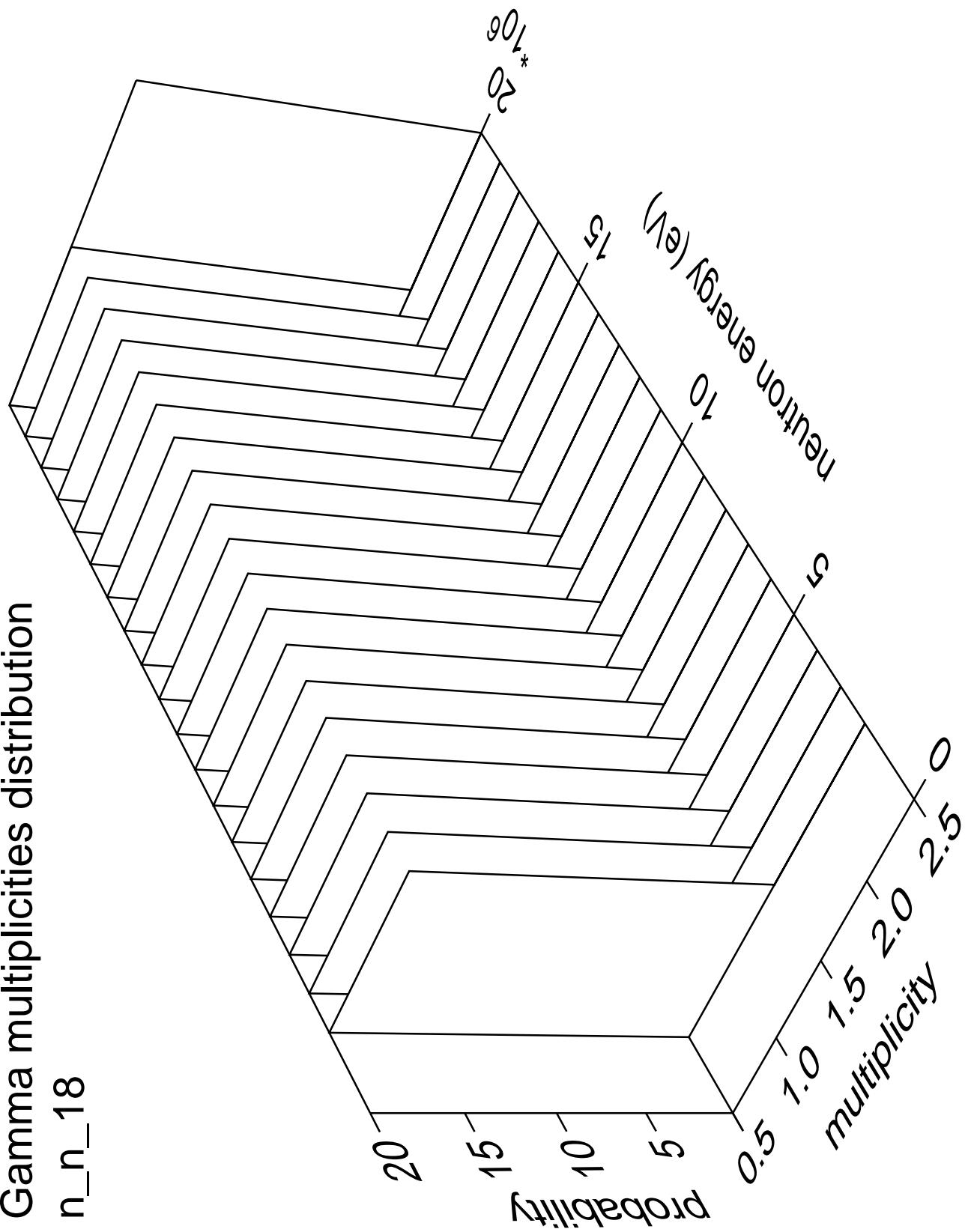


Gamma angles distribution

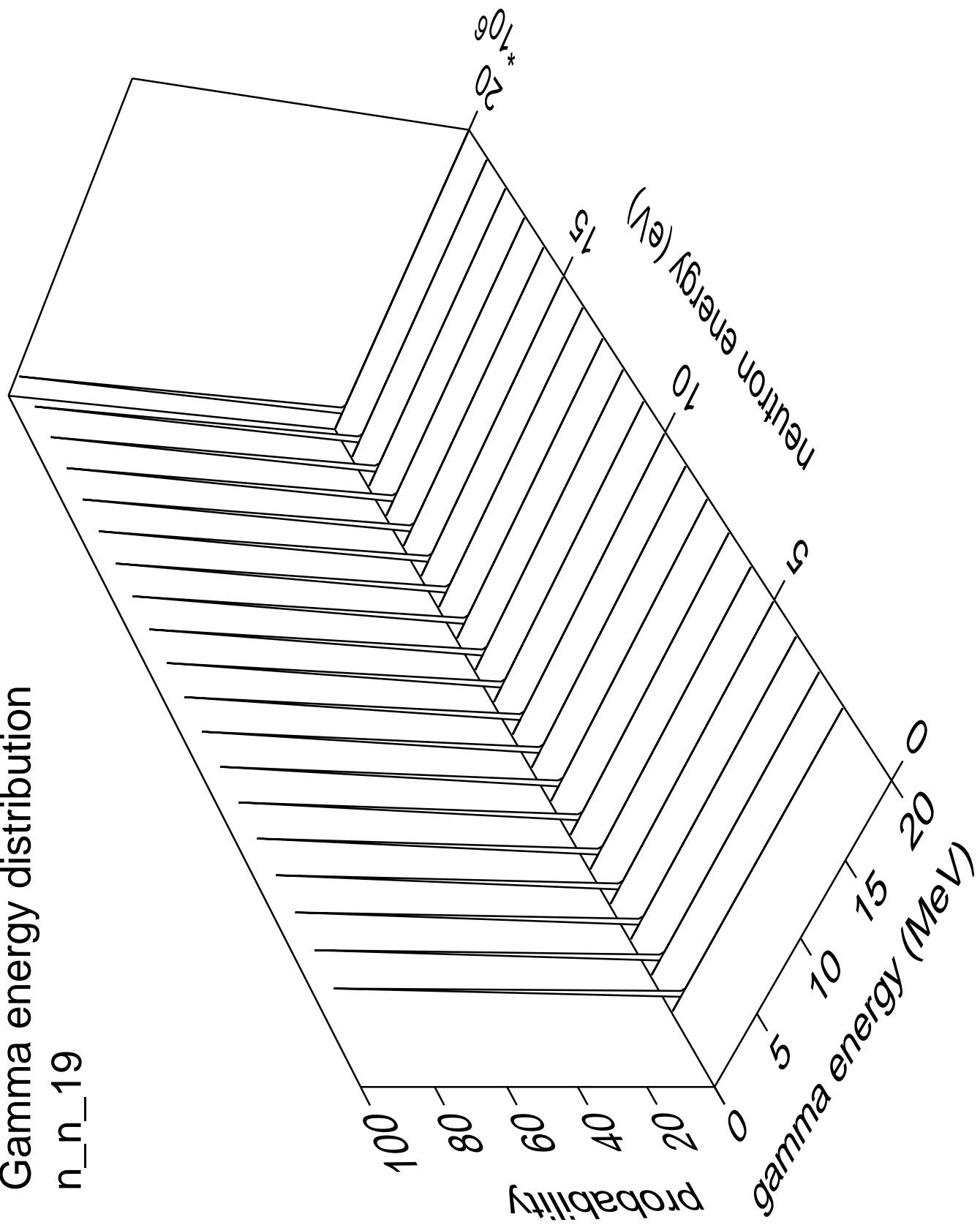
n_n_18



Gamma multiplicities distribution

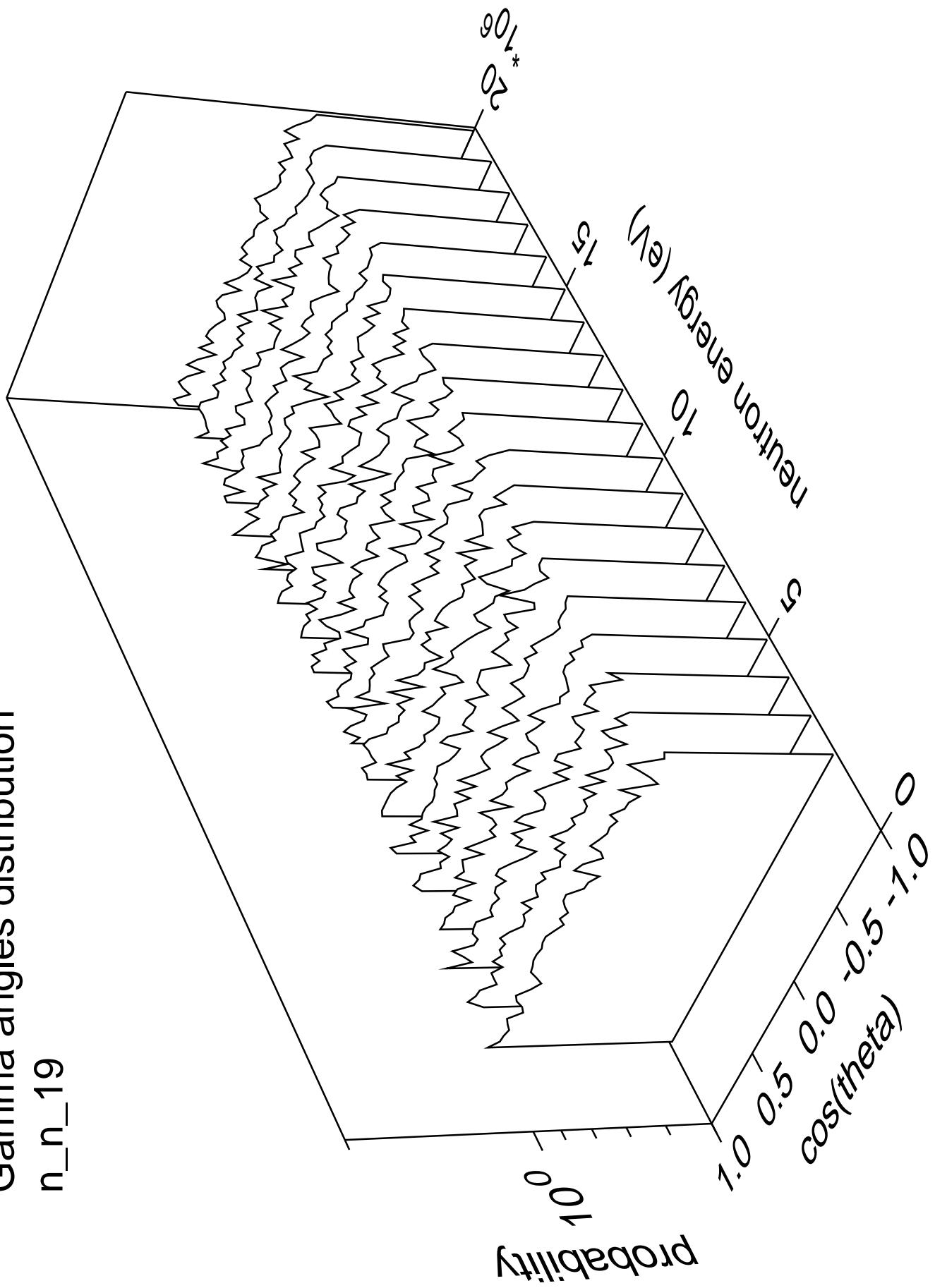


Gamma energy distribution n_n_19

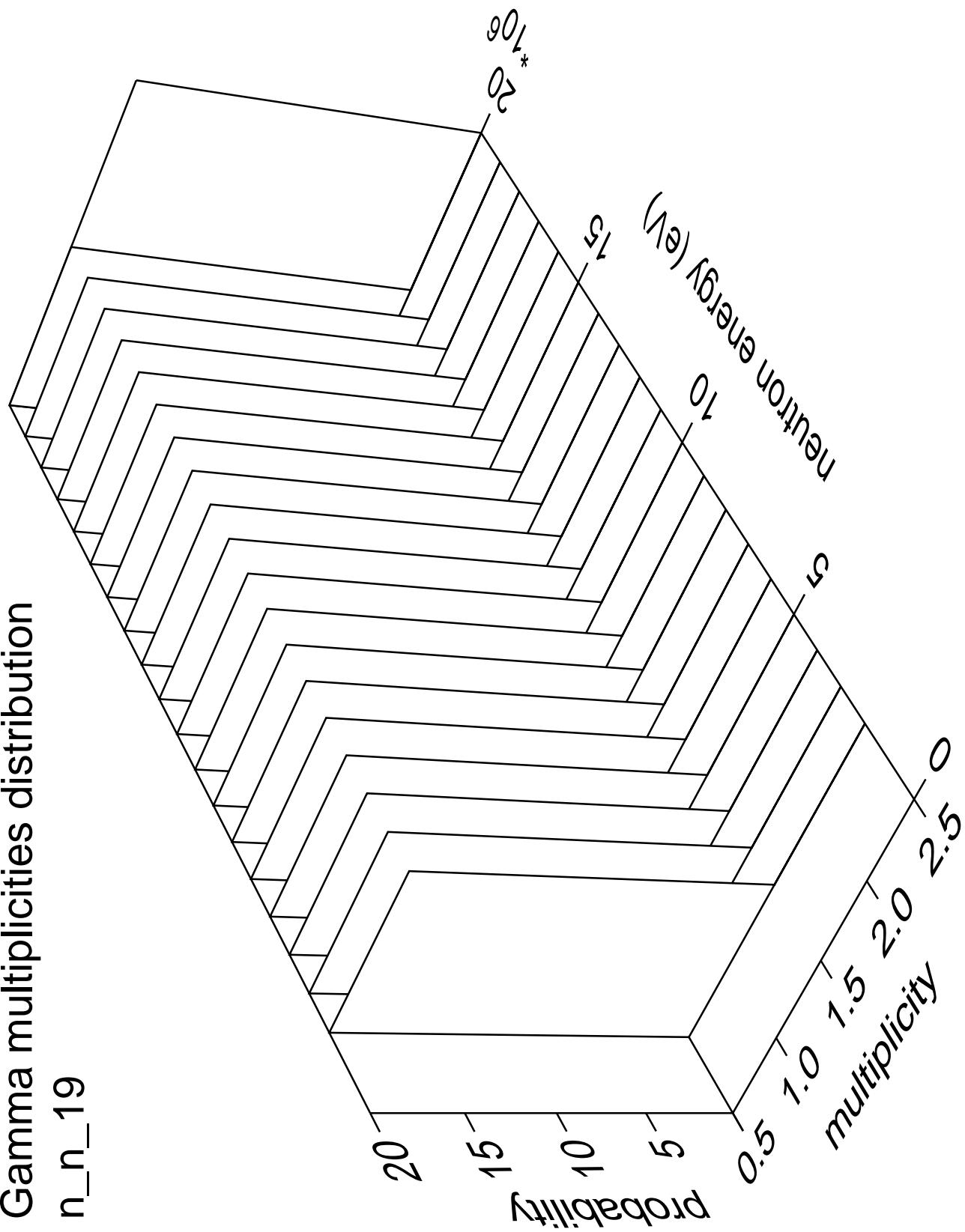


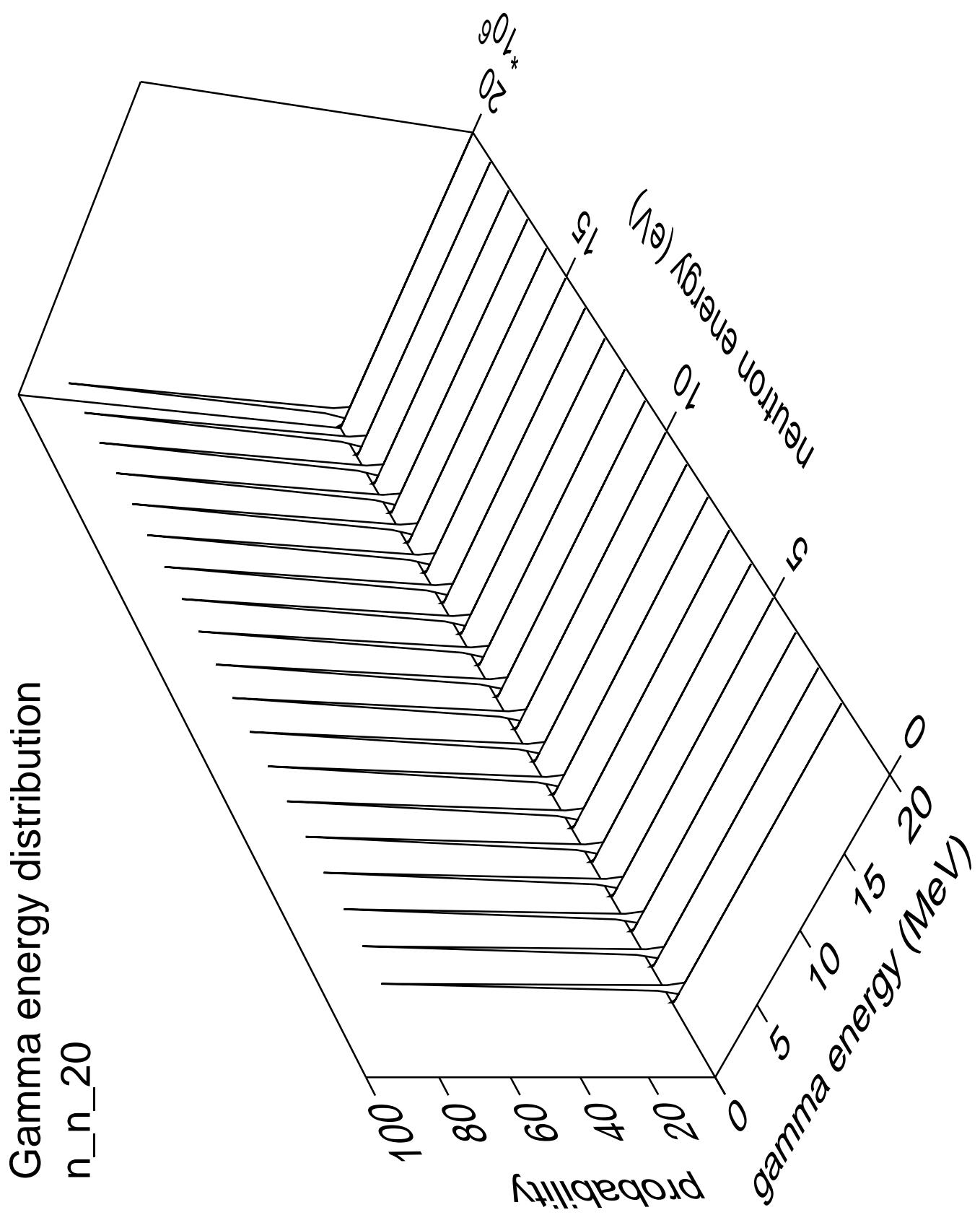
Gamma angles distribution

n_n_19



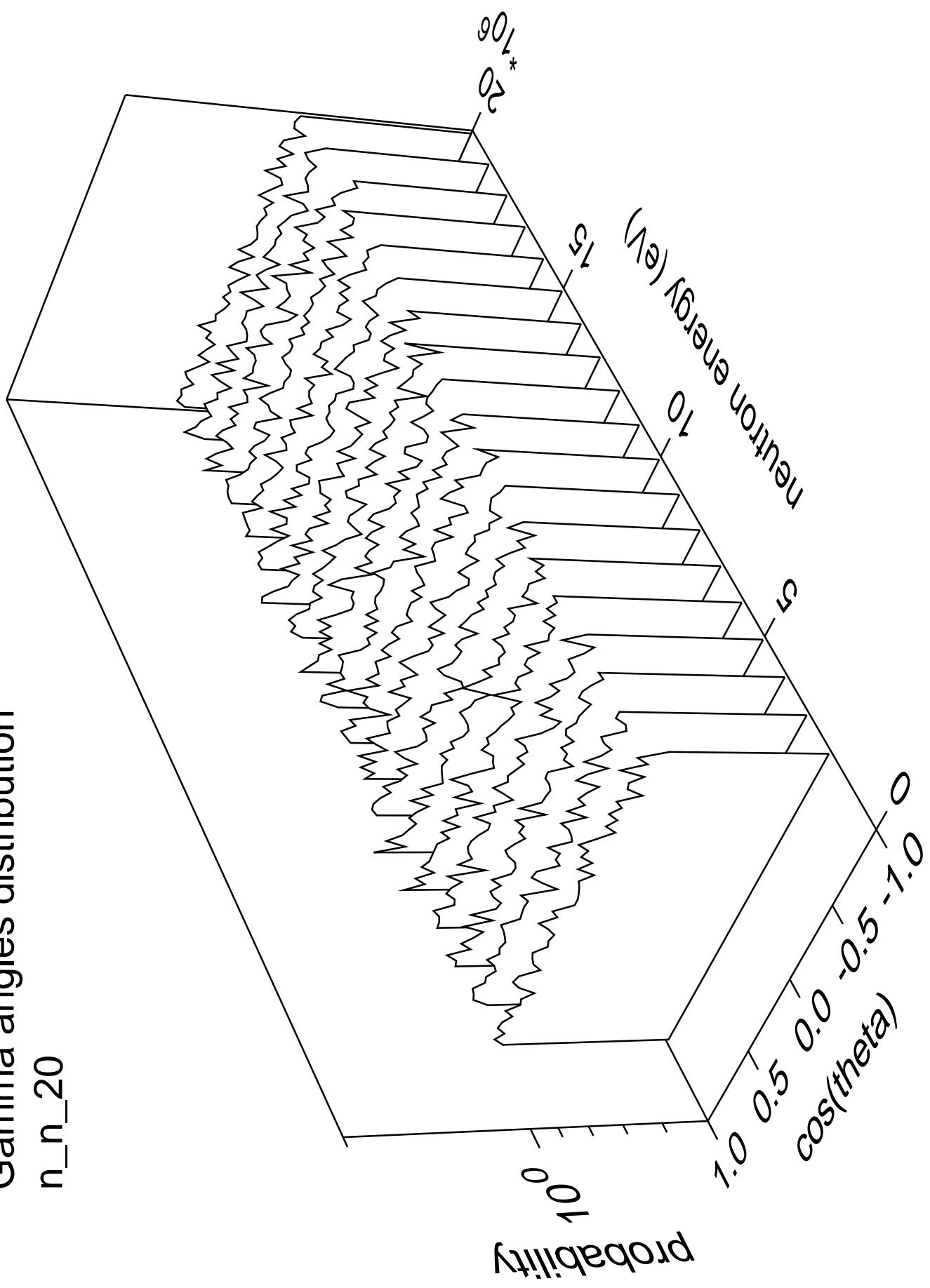
Gamma multiplicities distribution



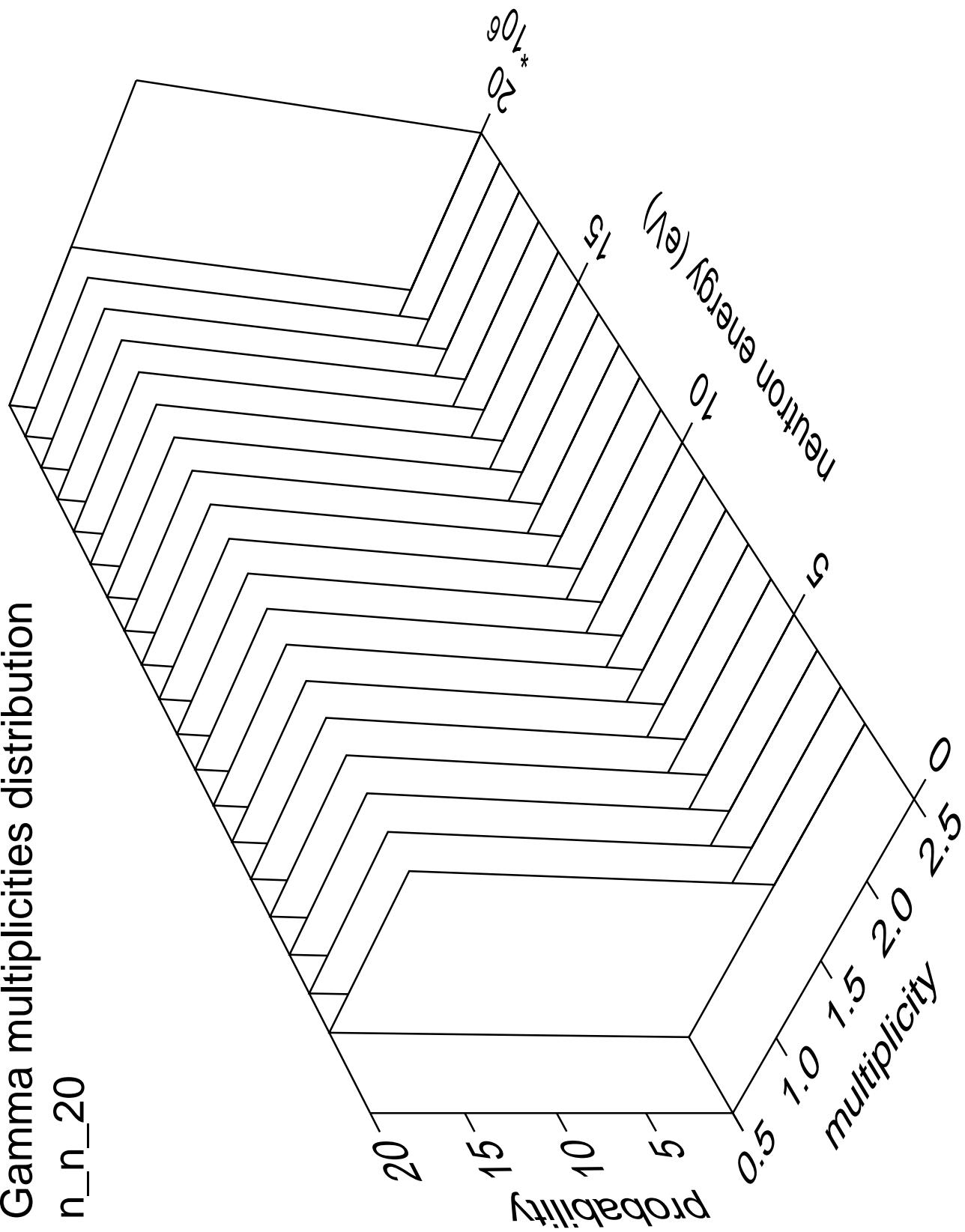


Gamma angles distribution

n_n_20

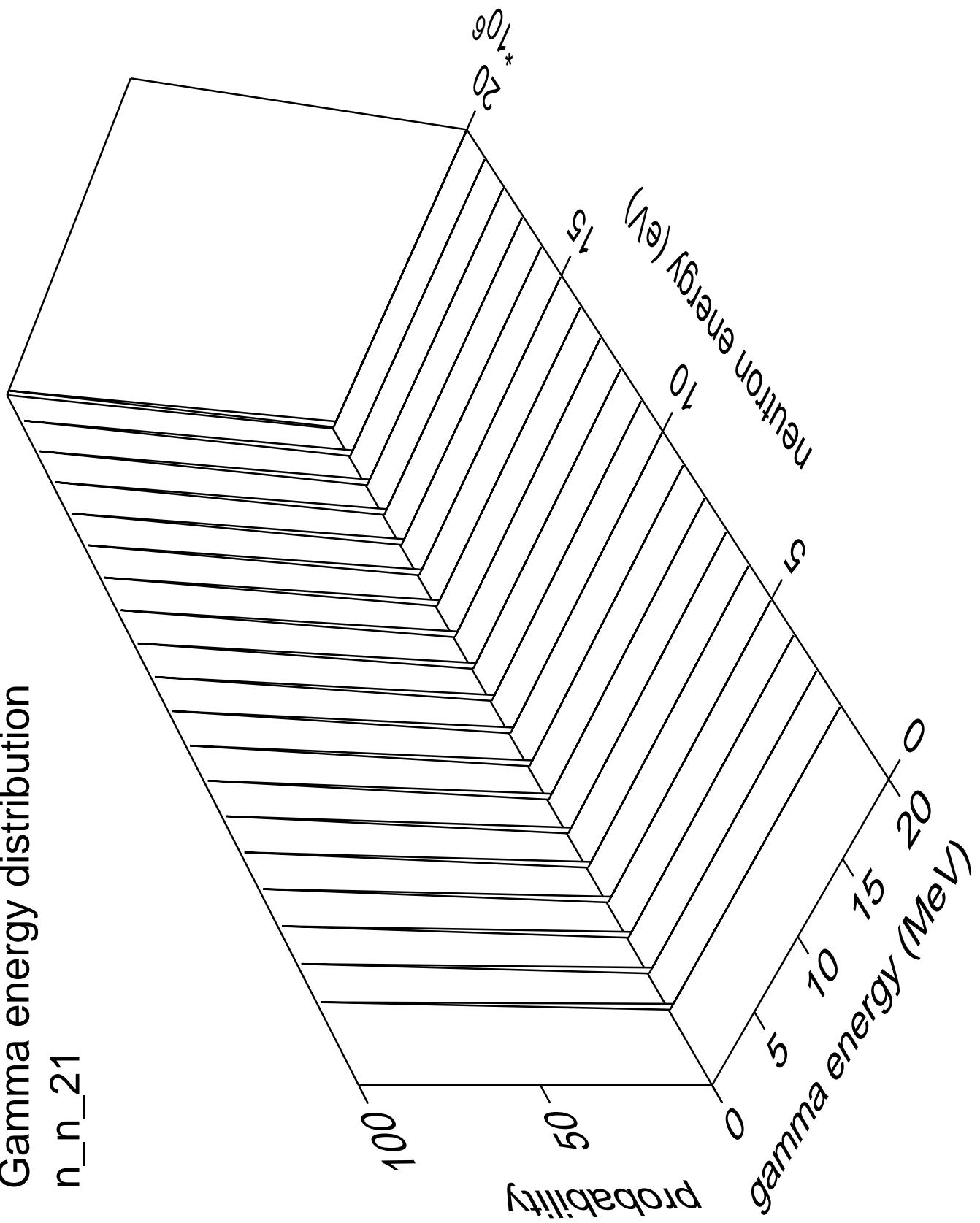


Gamma multiplicities distribution



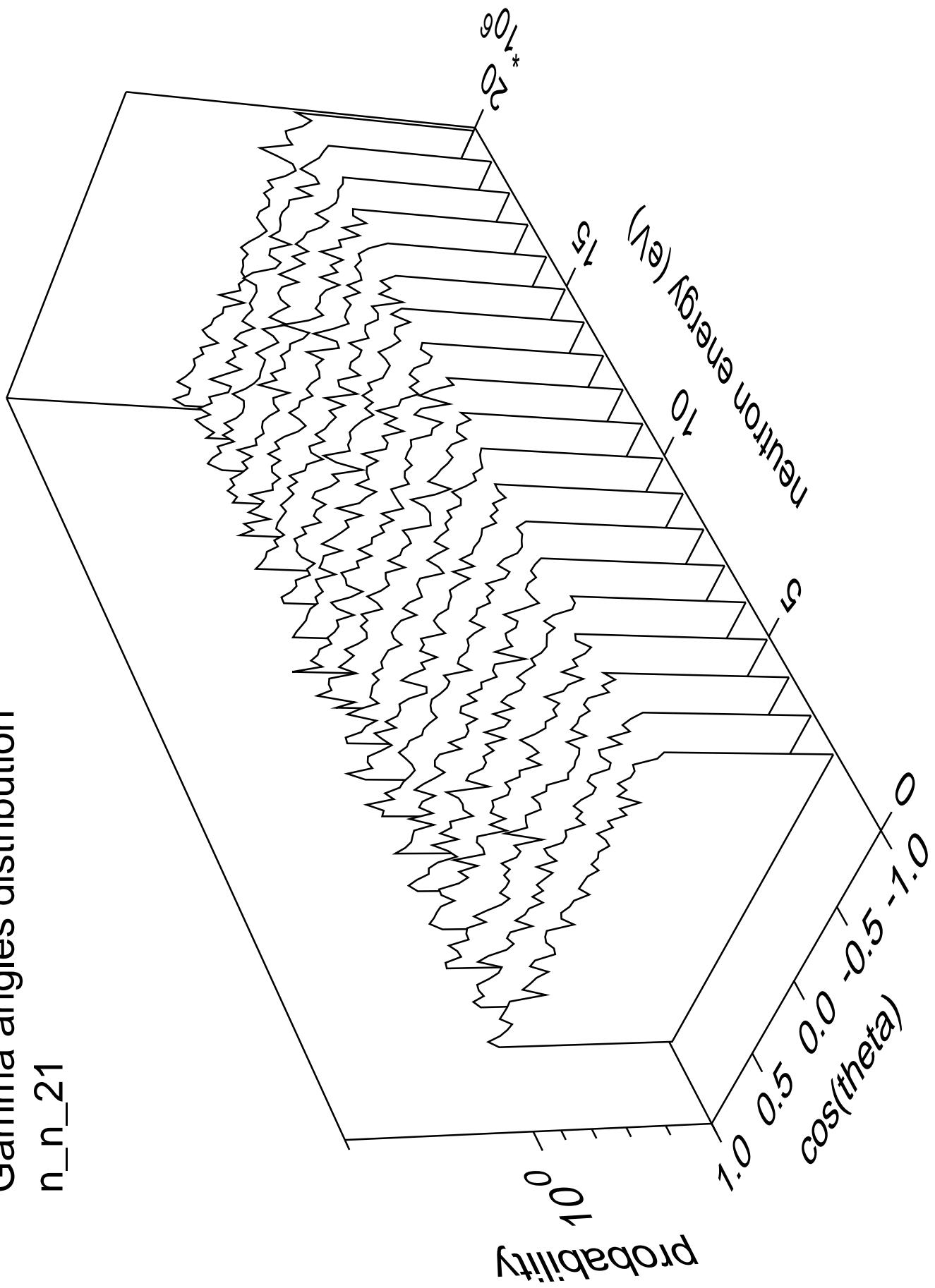
Gamma energy distribution

n_n_21

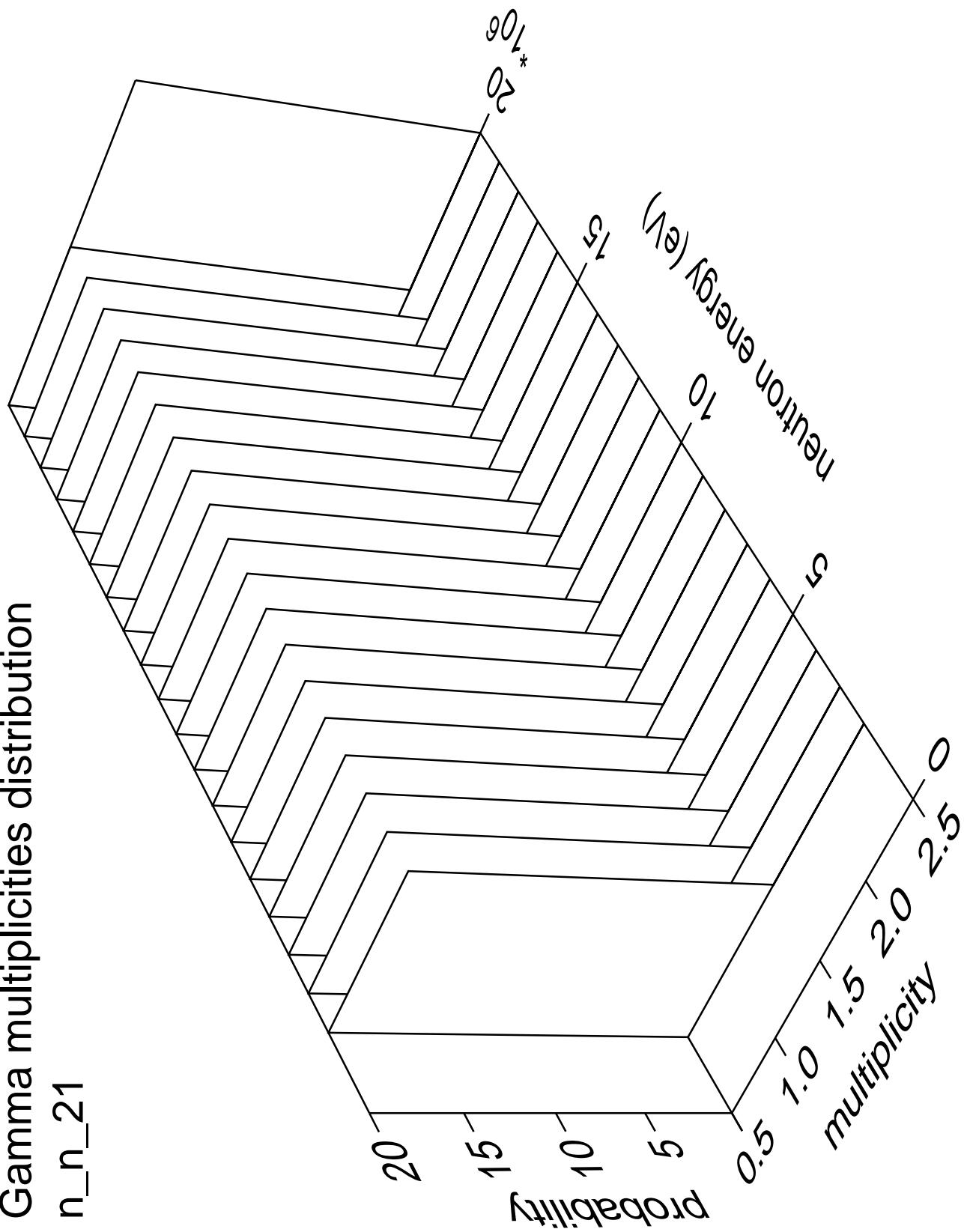


Gamma angles distribution

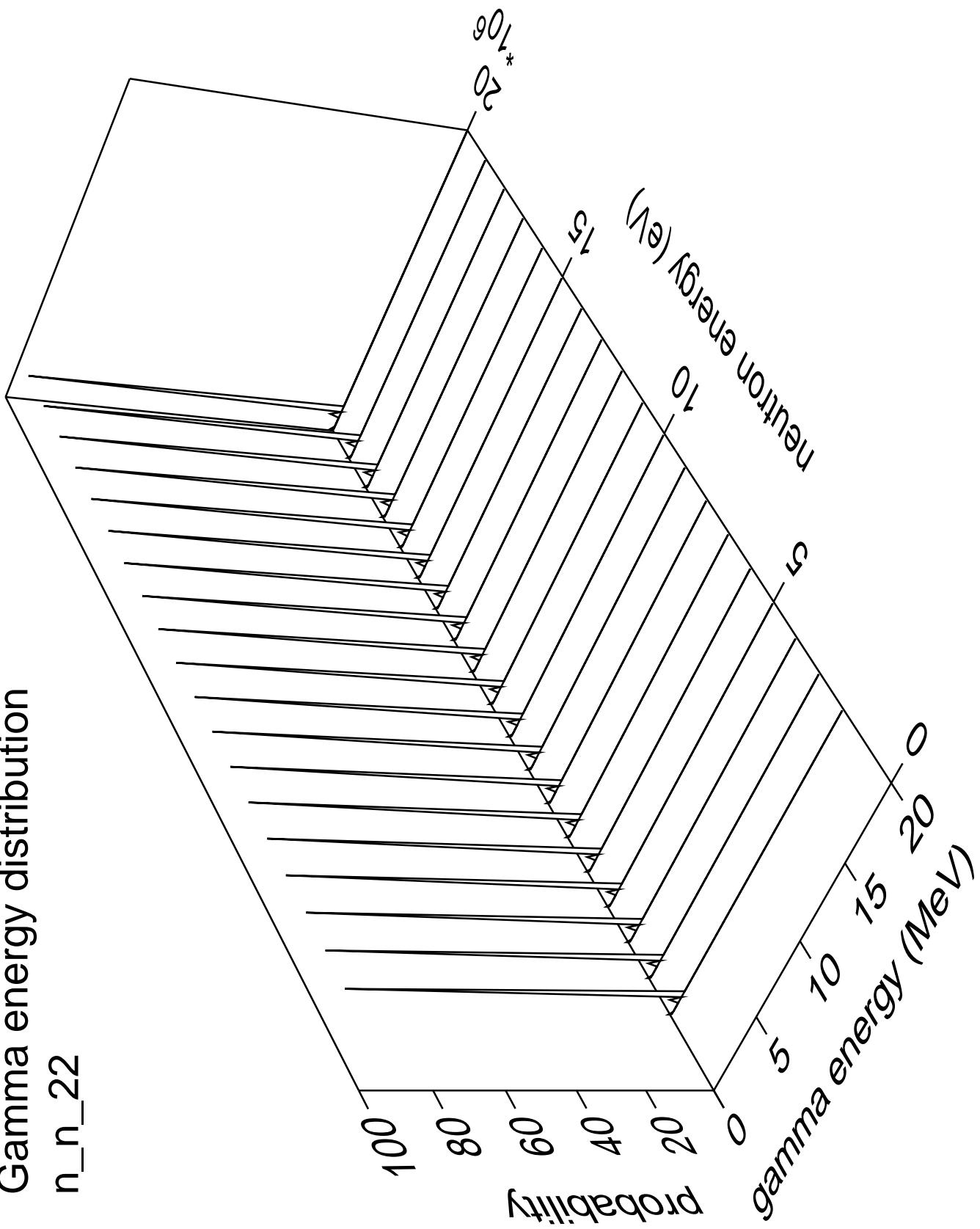
n_n_{21}



Gamma multiplicities distribution

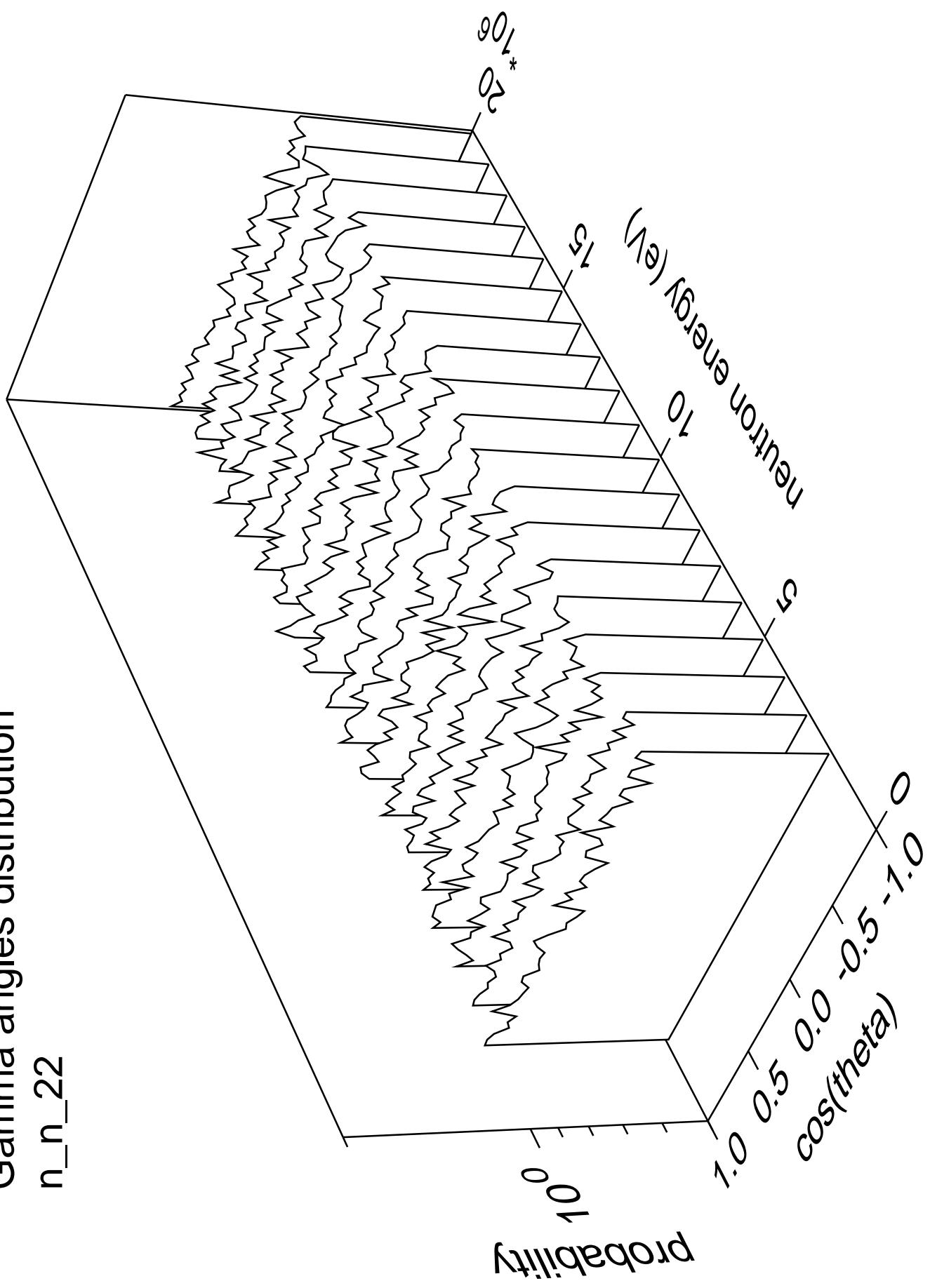


Gamma energy distribution n_n_22

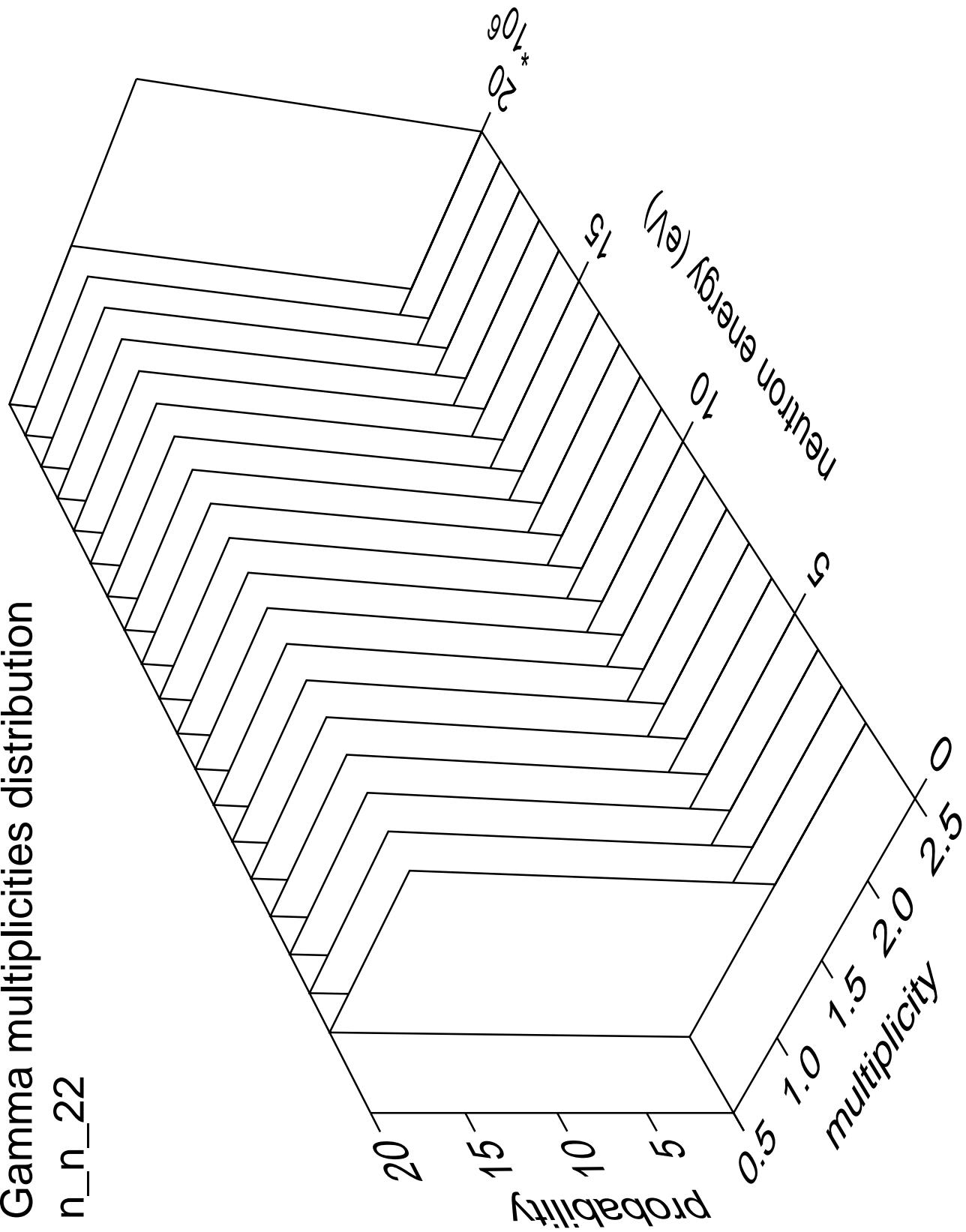


Gamma angles distribution

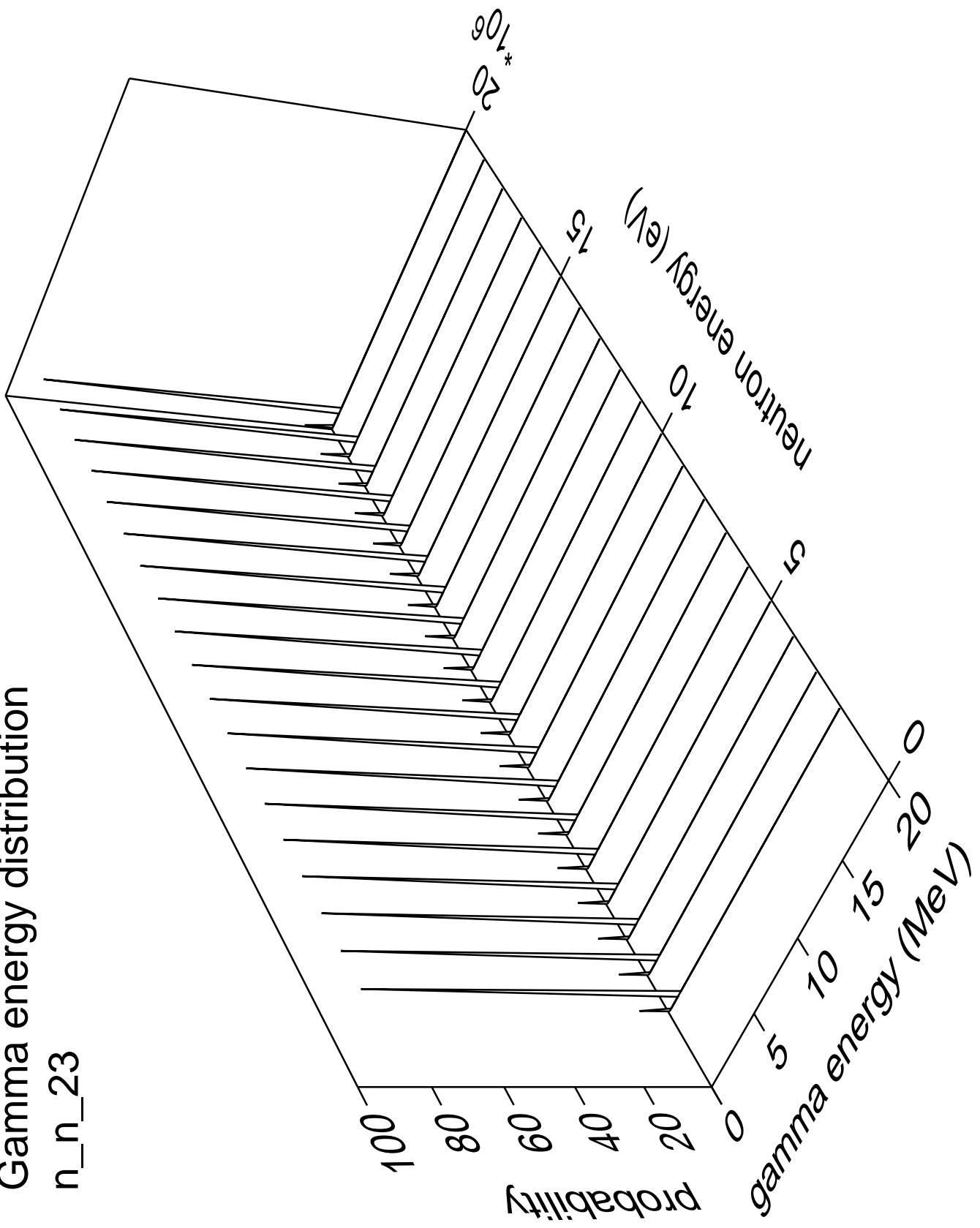
n_n_22



Gamma multiplicities distribution

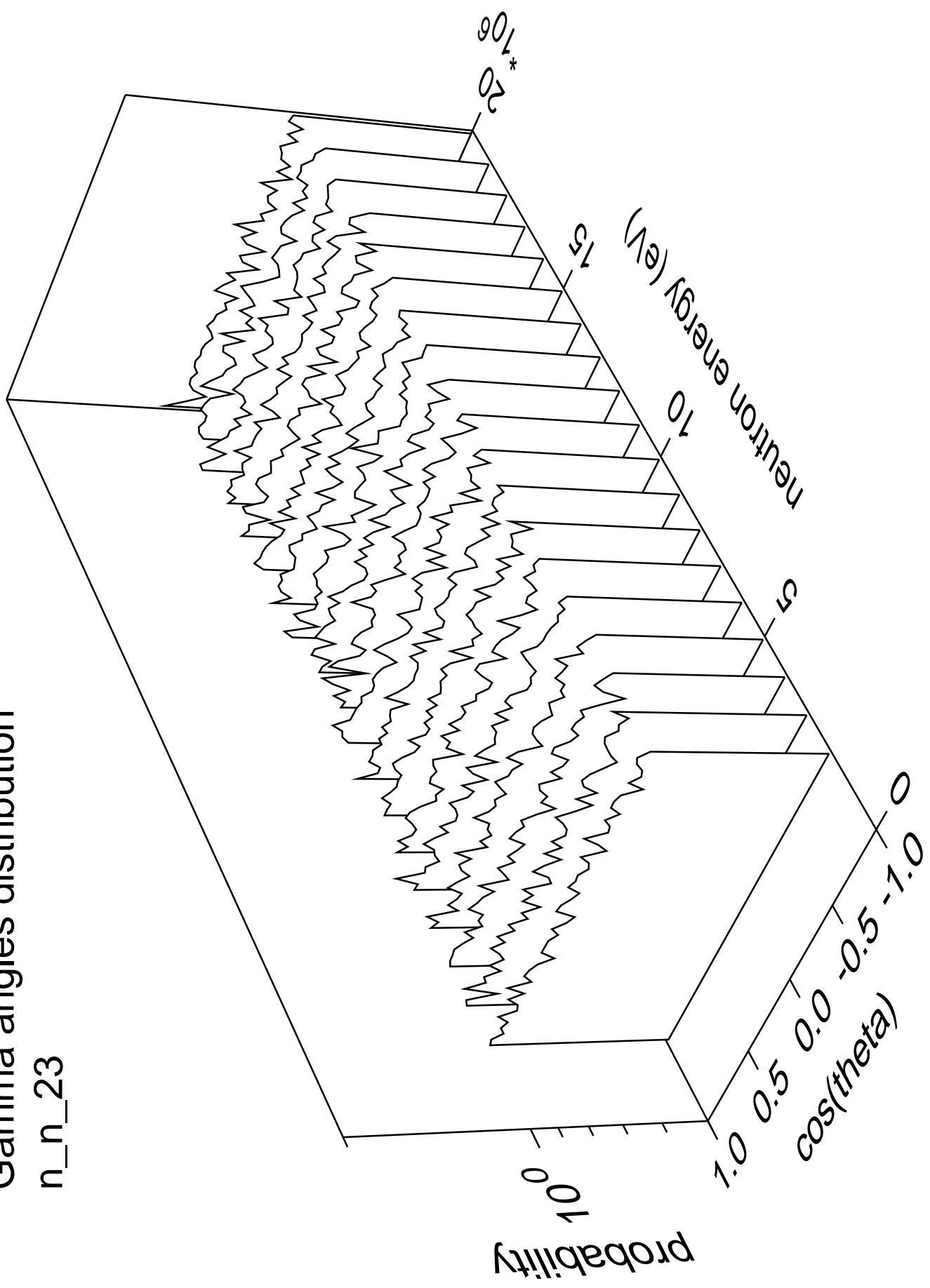


Gamma energy distribution
n_n_23

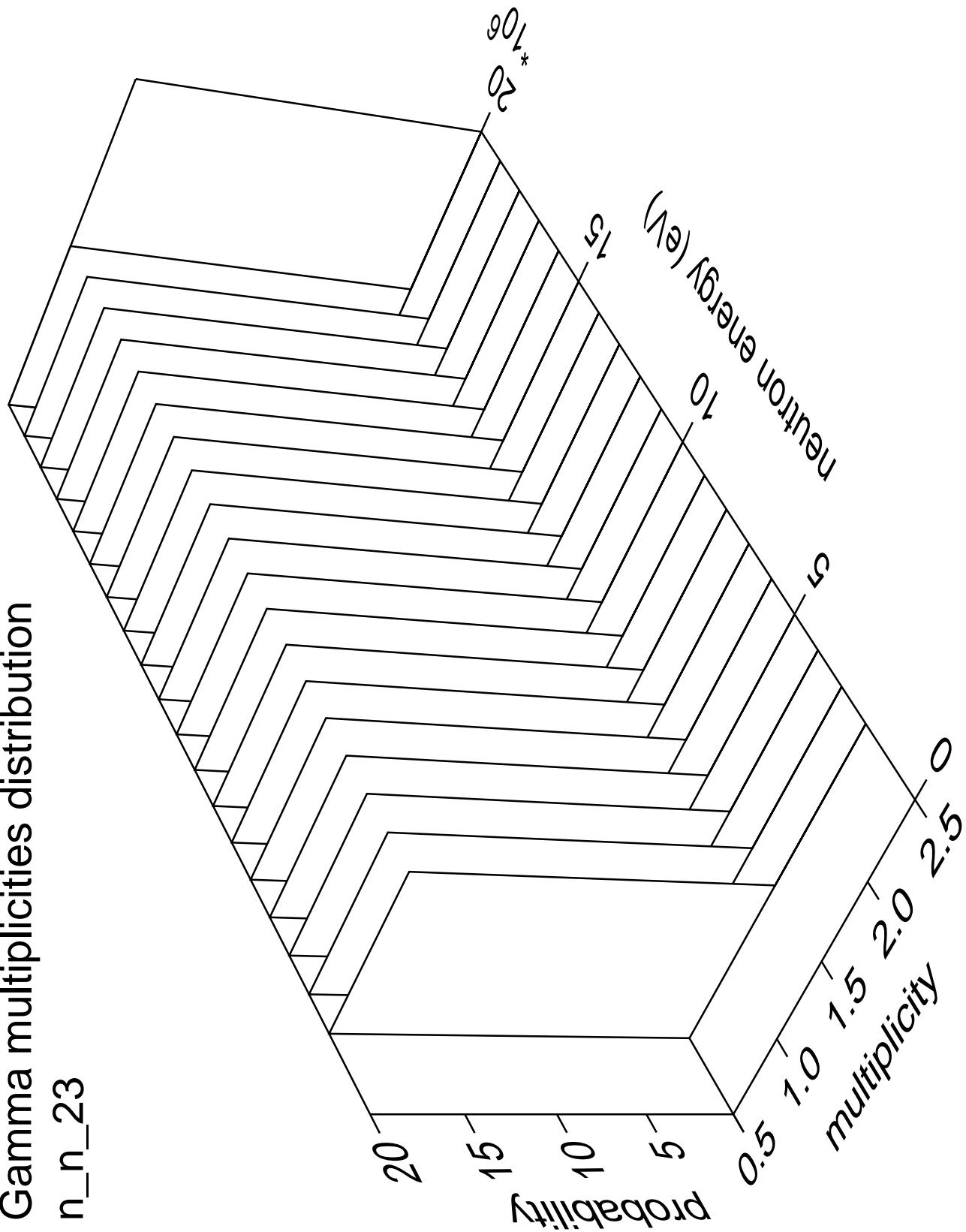


Gamma angles distribution

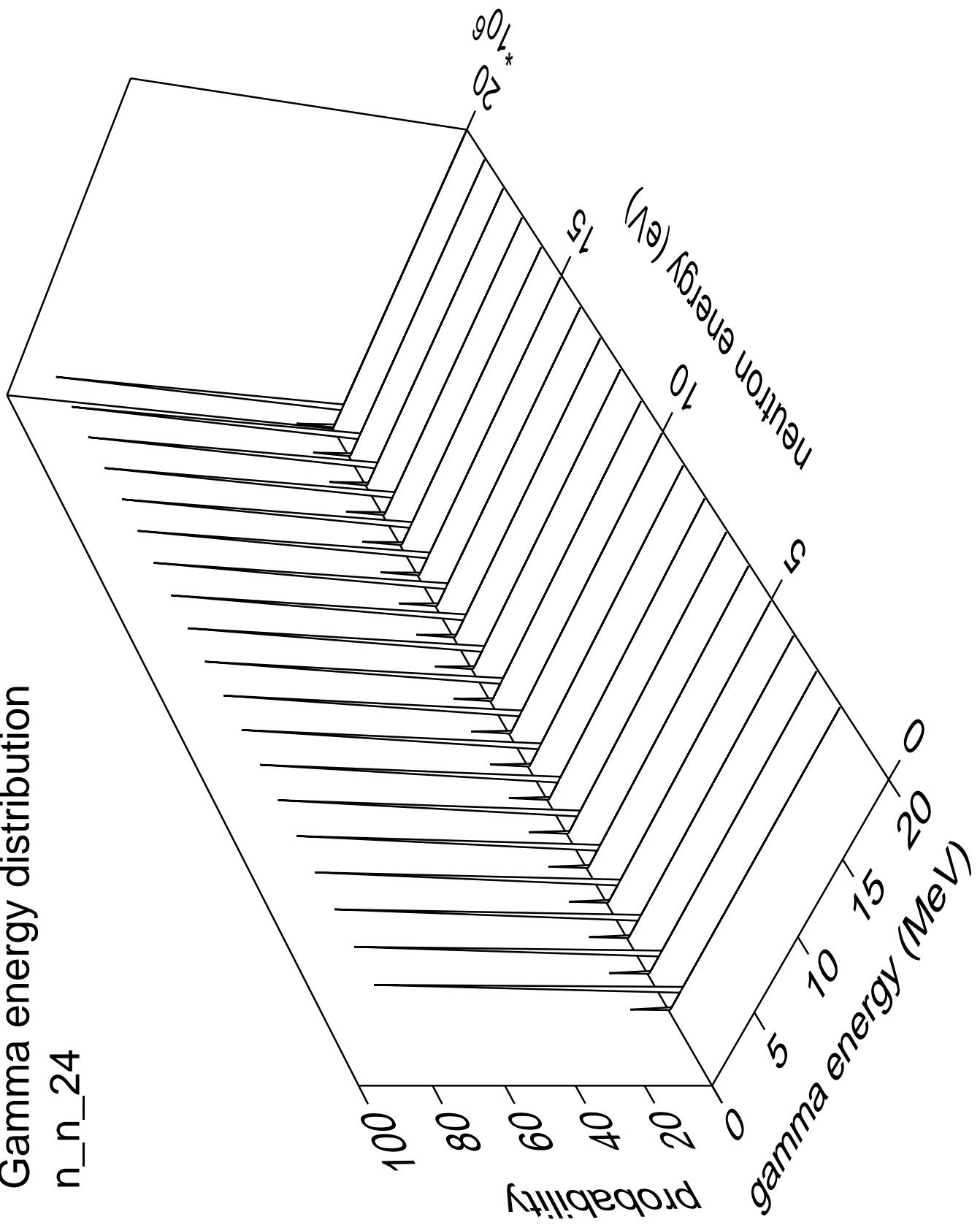
n_n_23



Gamma multiplicities distribution n_n_{23}

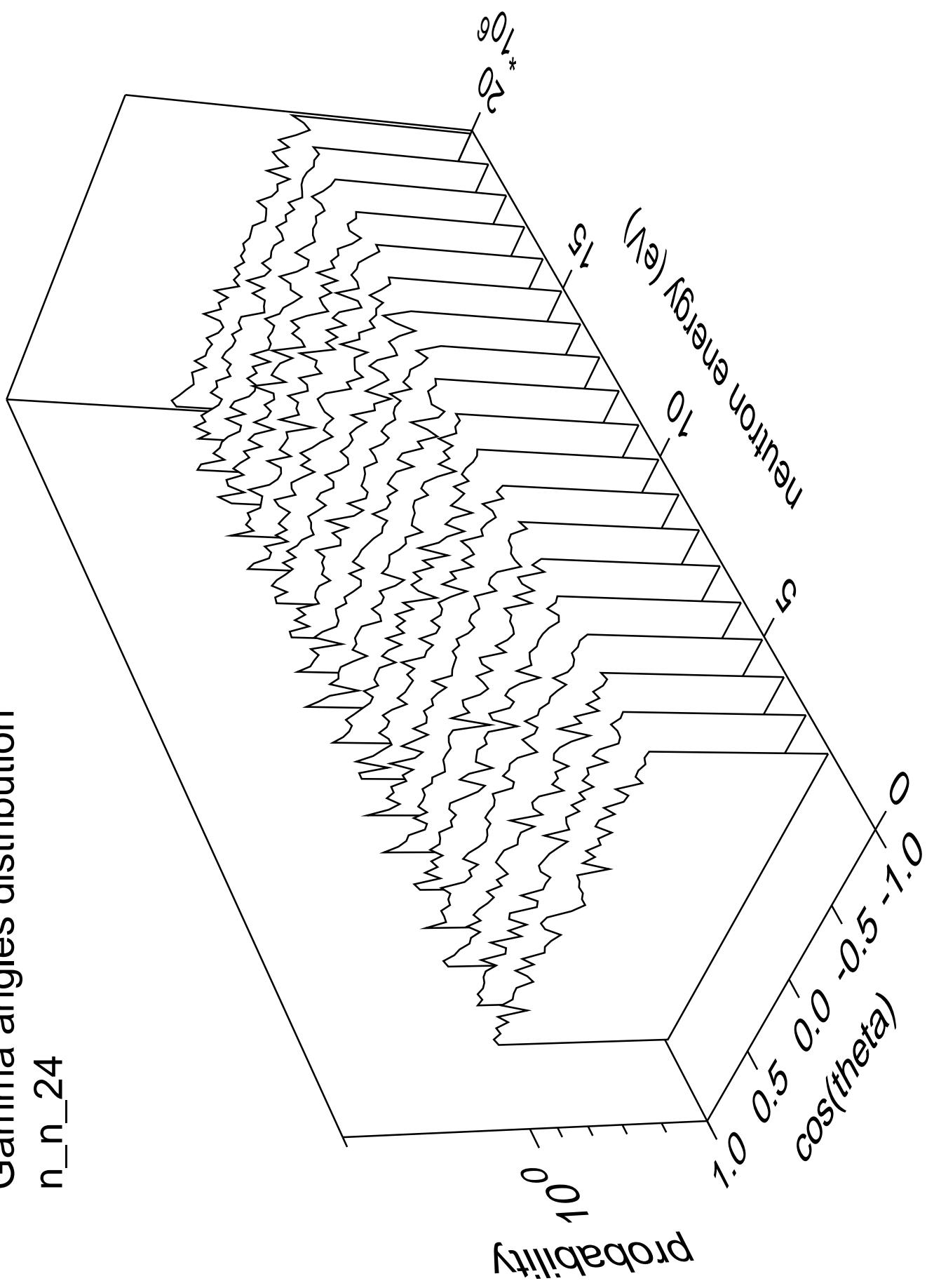


Gamma energy distribution n_n_24

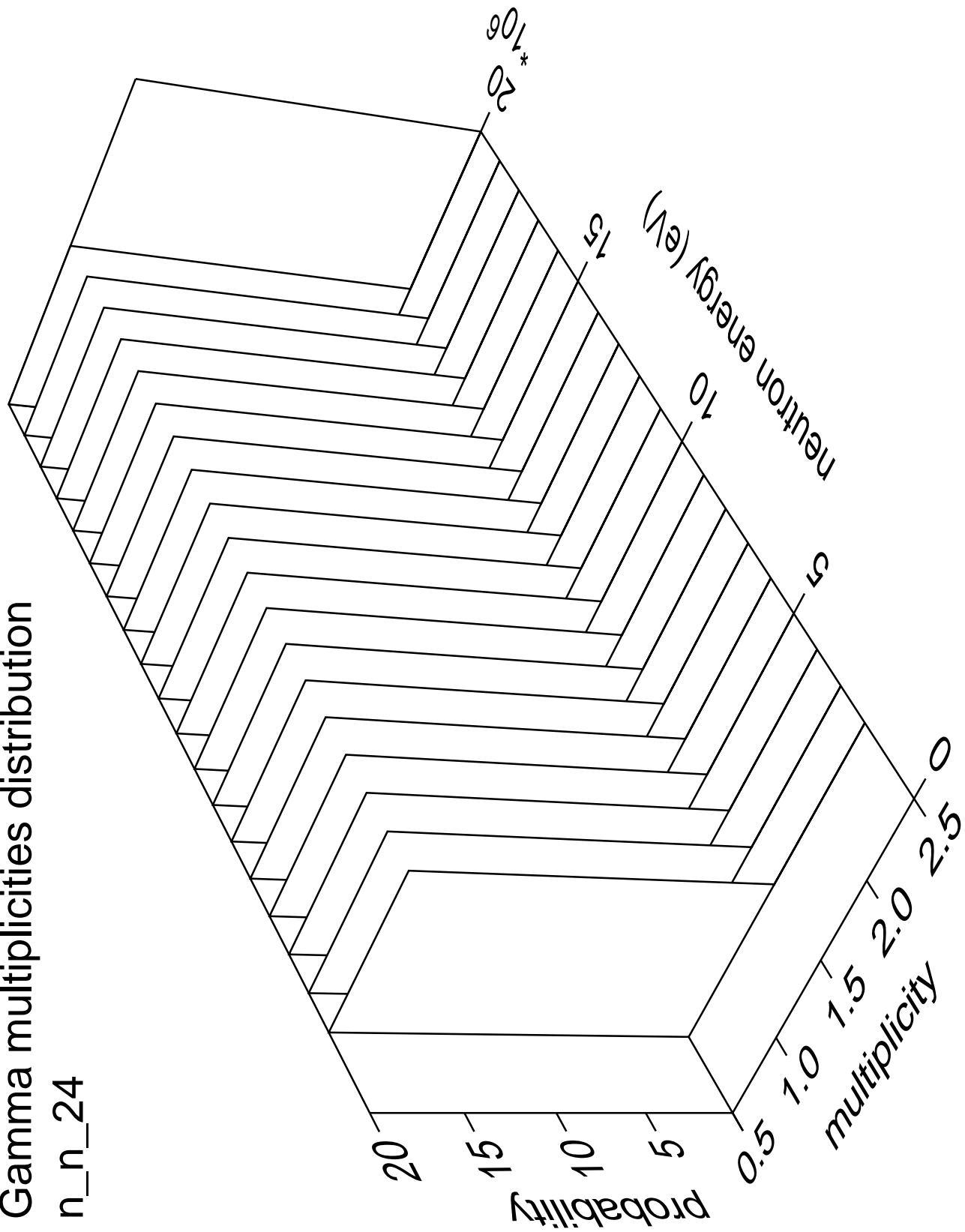


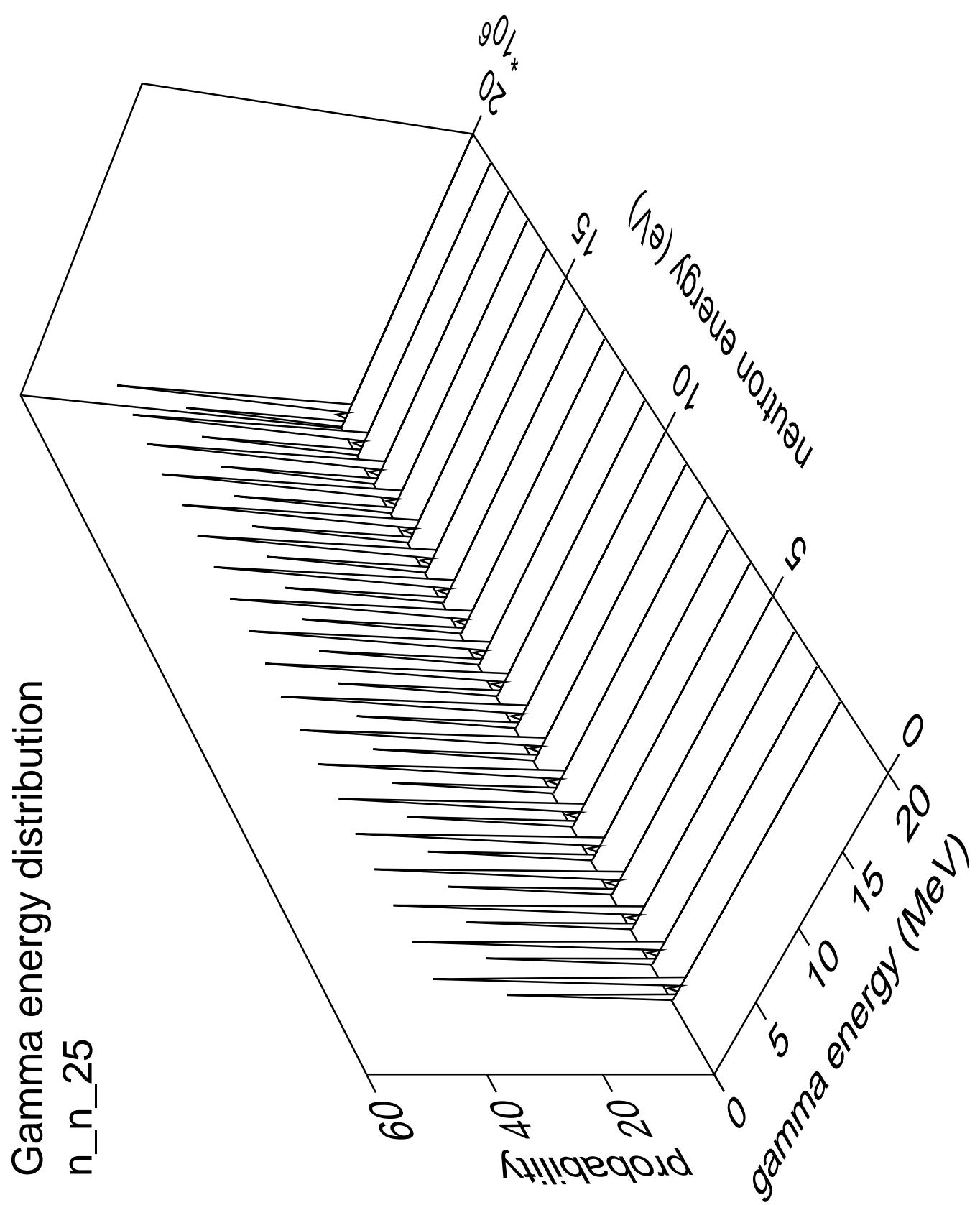
Gamma angles distribution

n_n_24



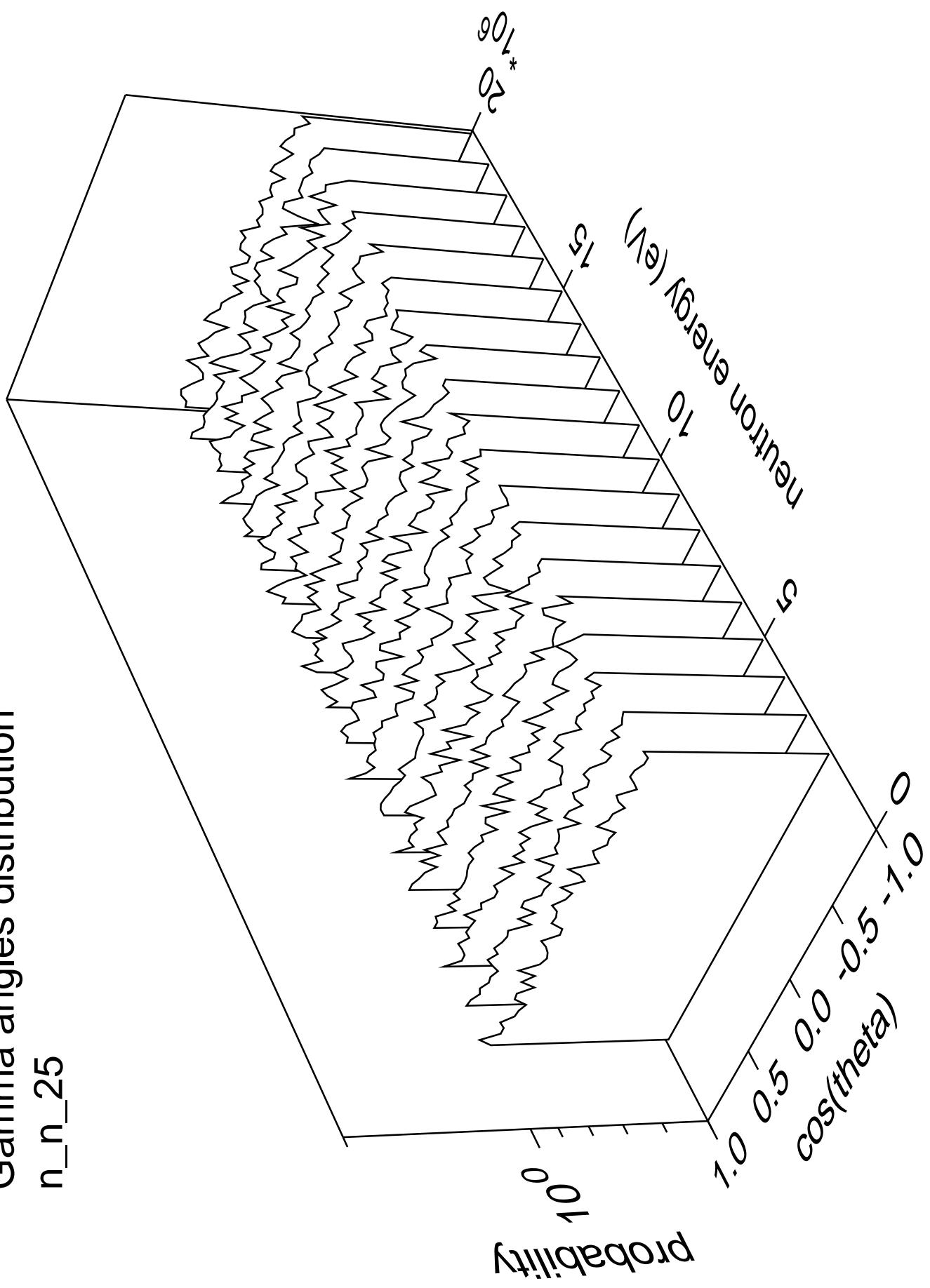
Gamma multiplicities distribution



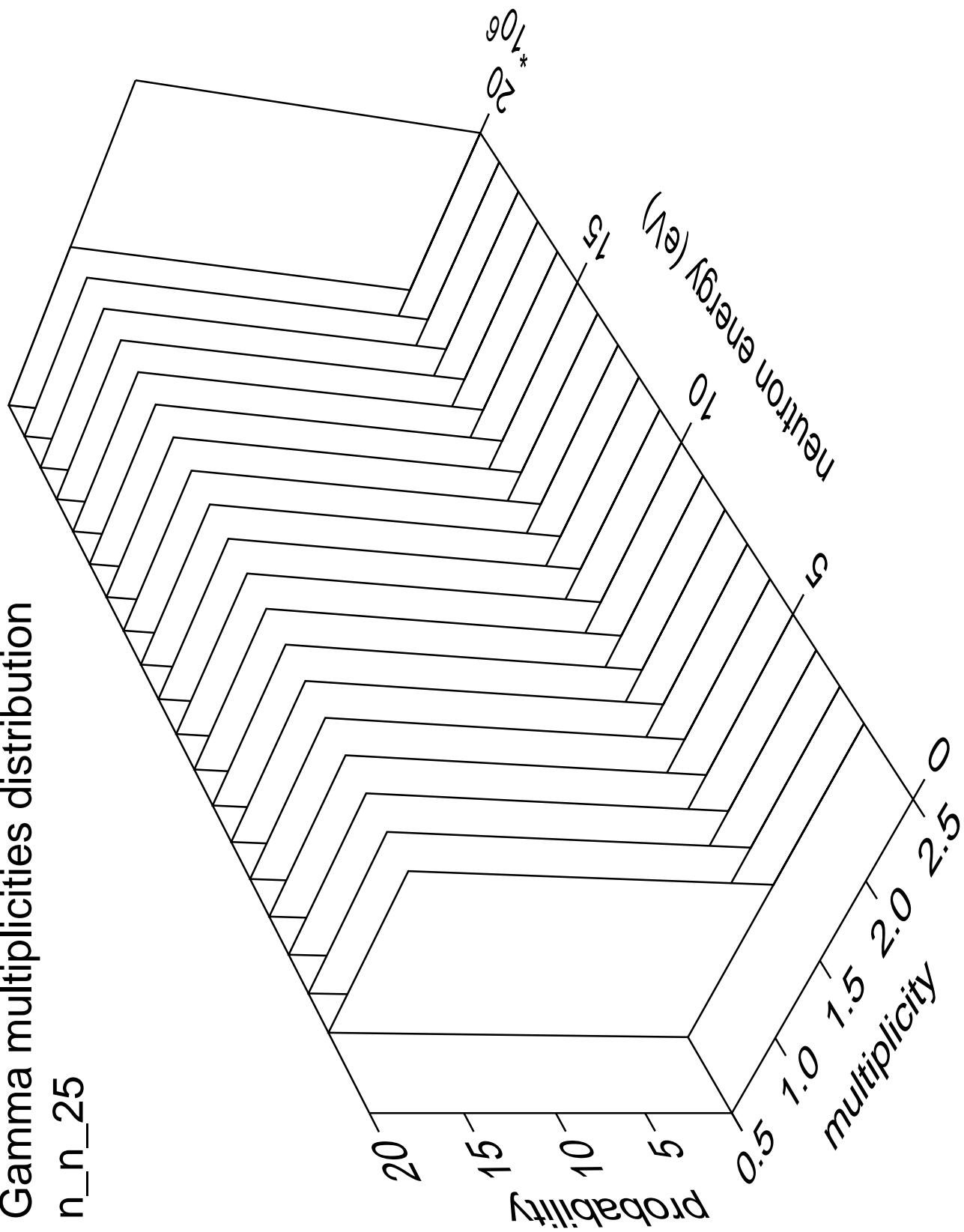


Gamma angles distribution

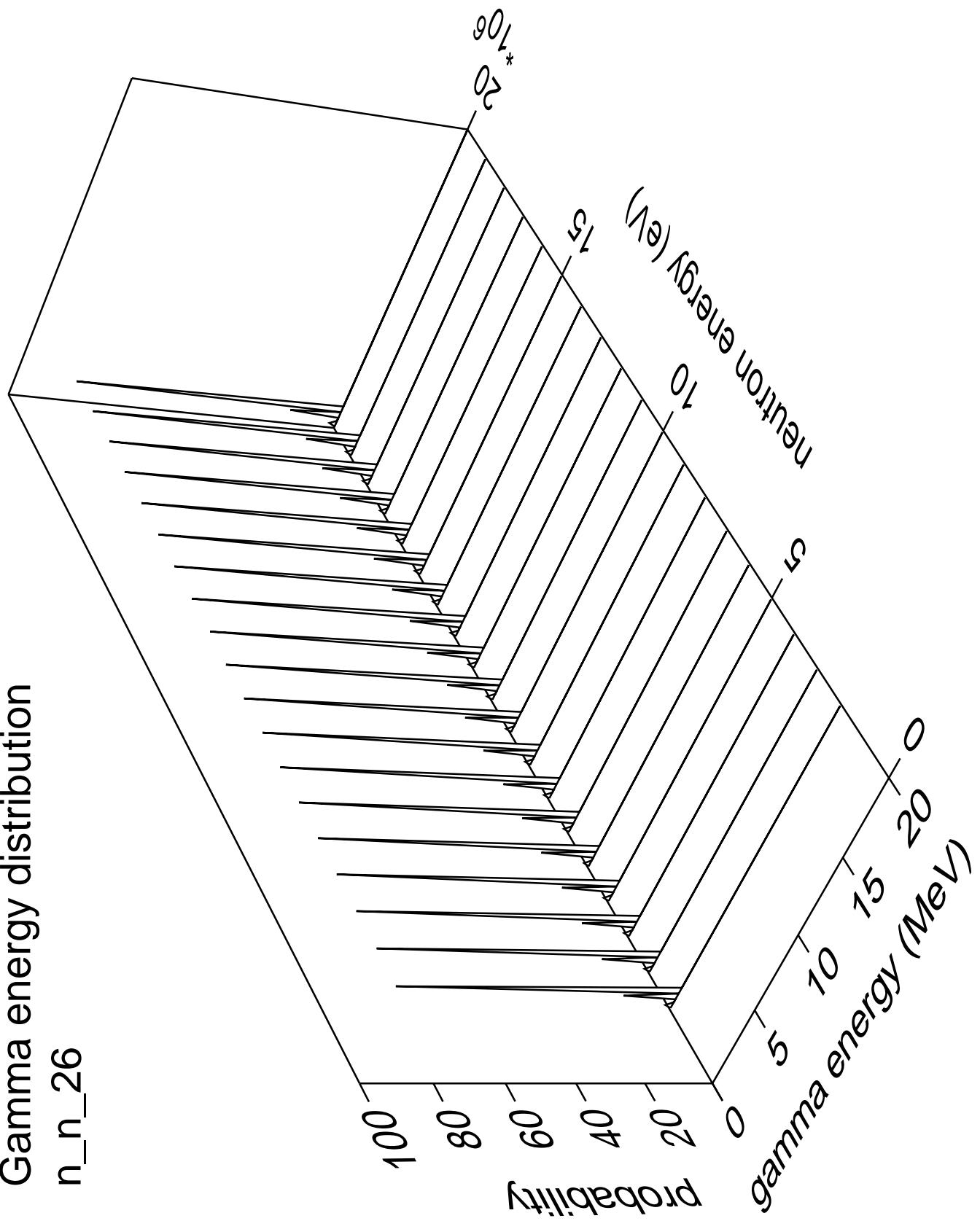
n_n_25



Gamma multiplicities distribution

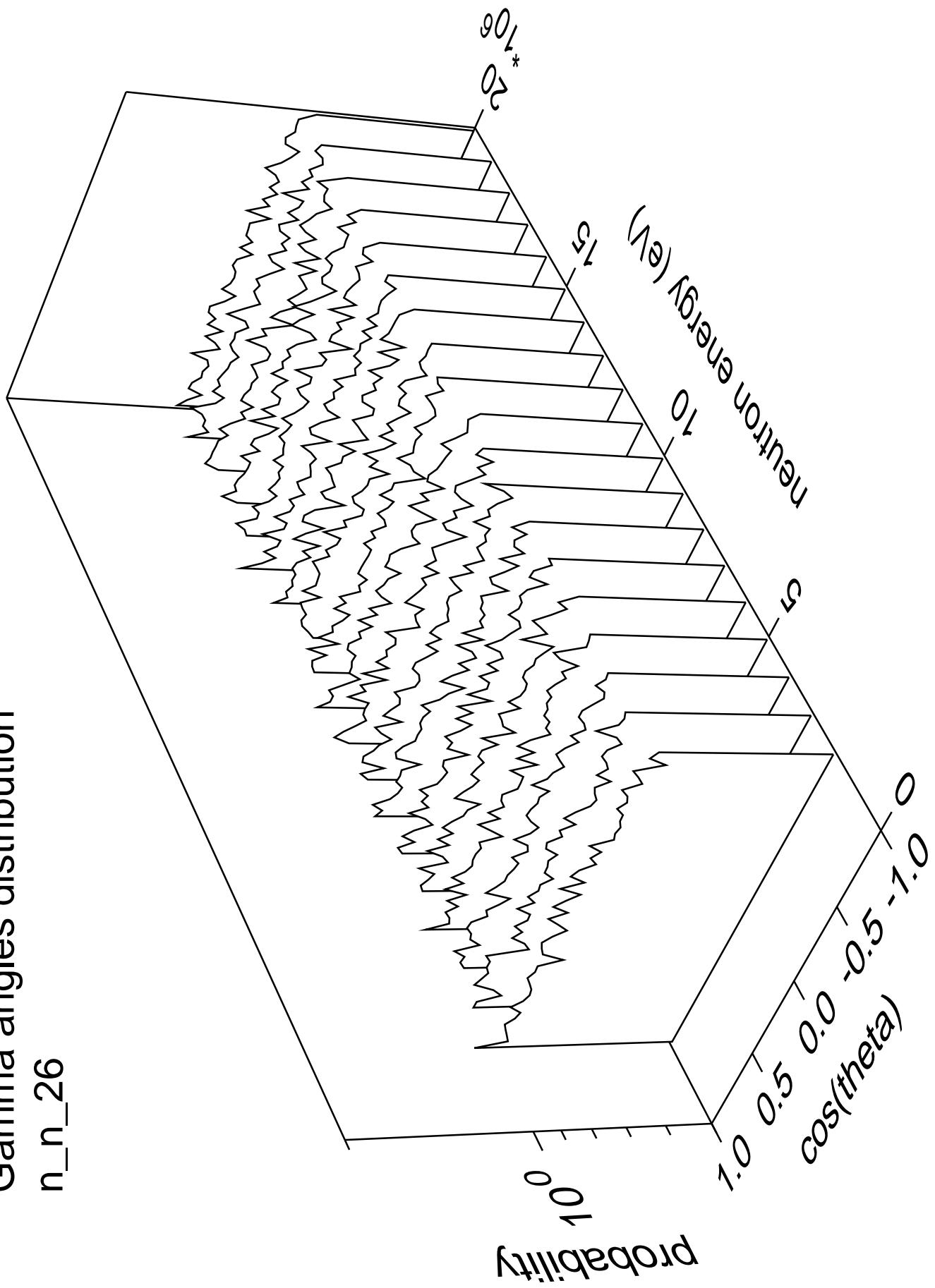


Gamma energy distribution n_n_26

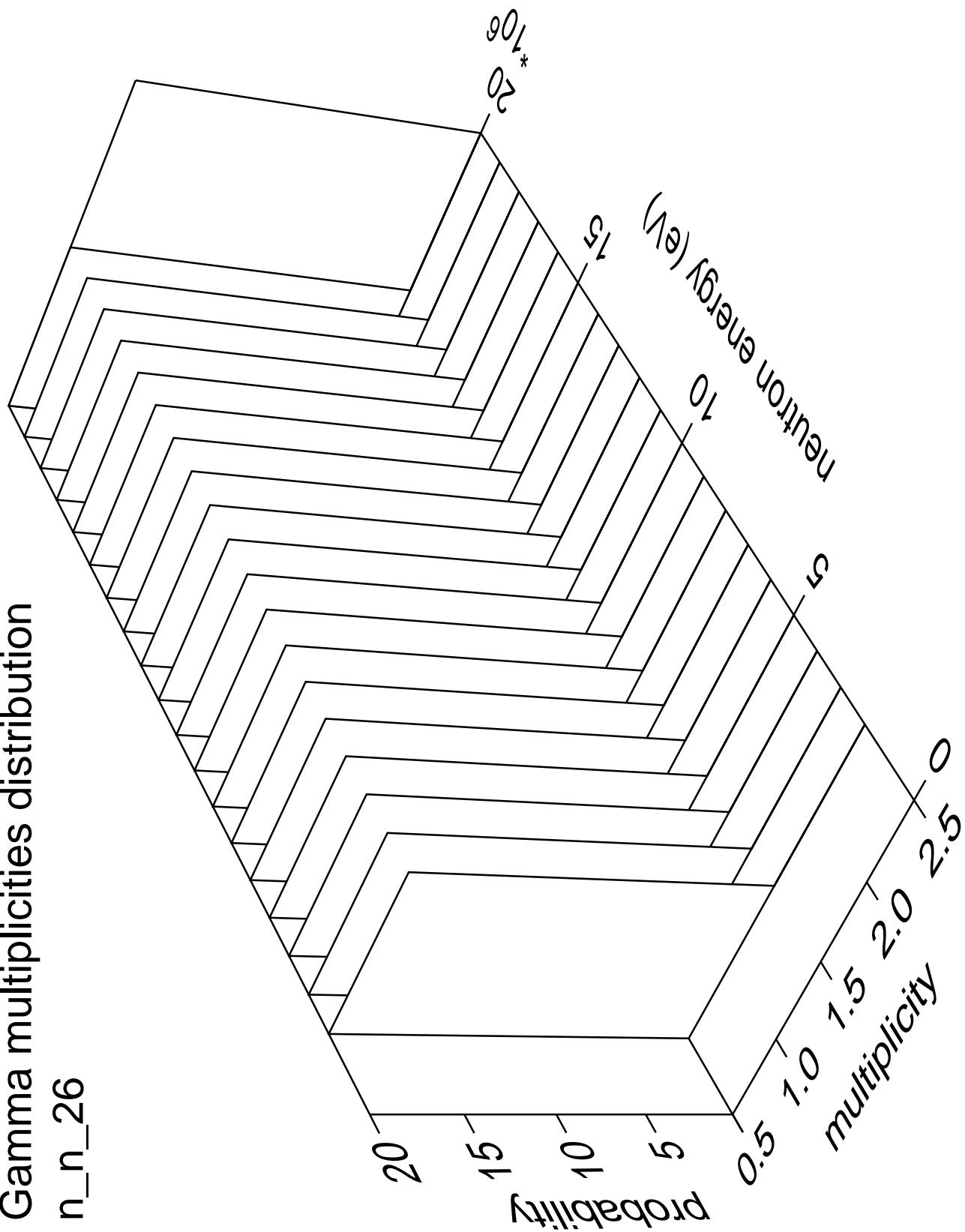


Gamma angles distribution

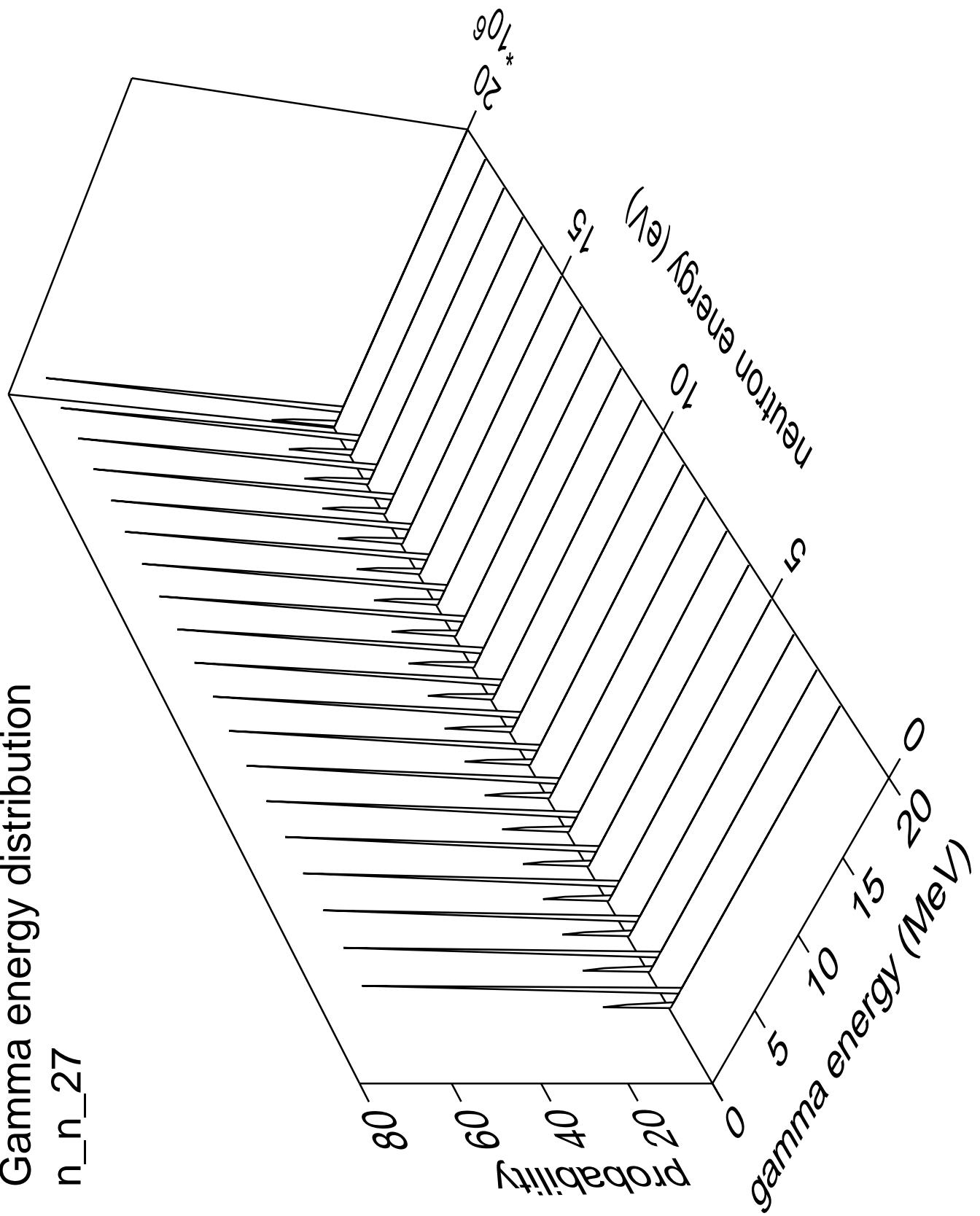
n_n_26



Gamma multiplicities distribution

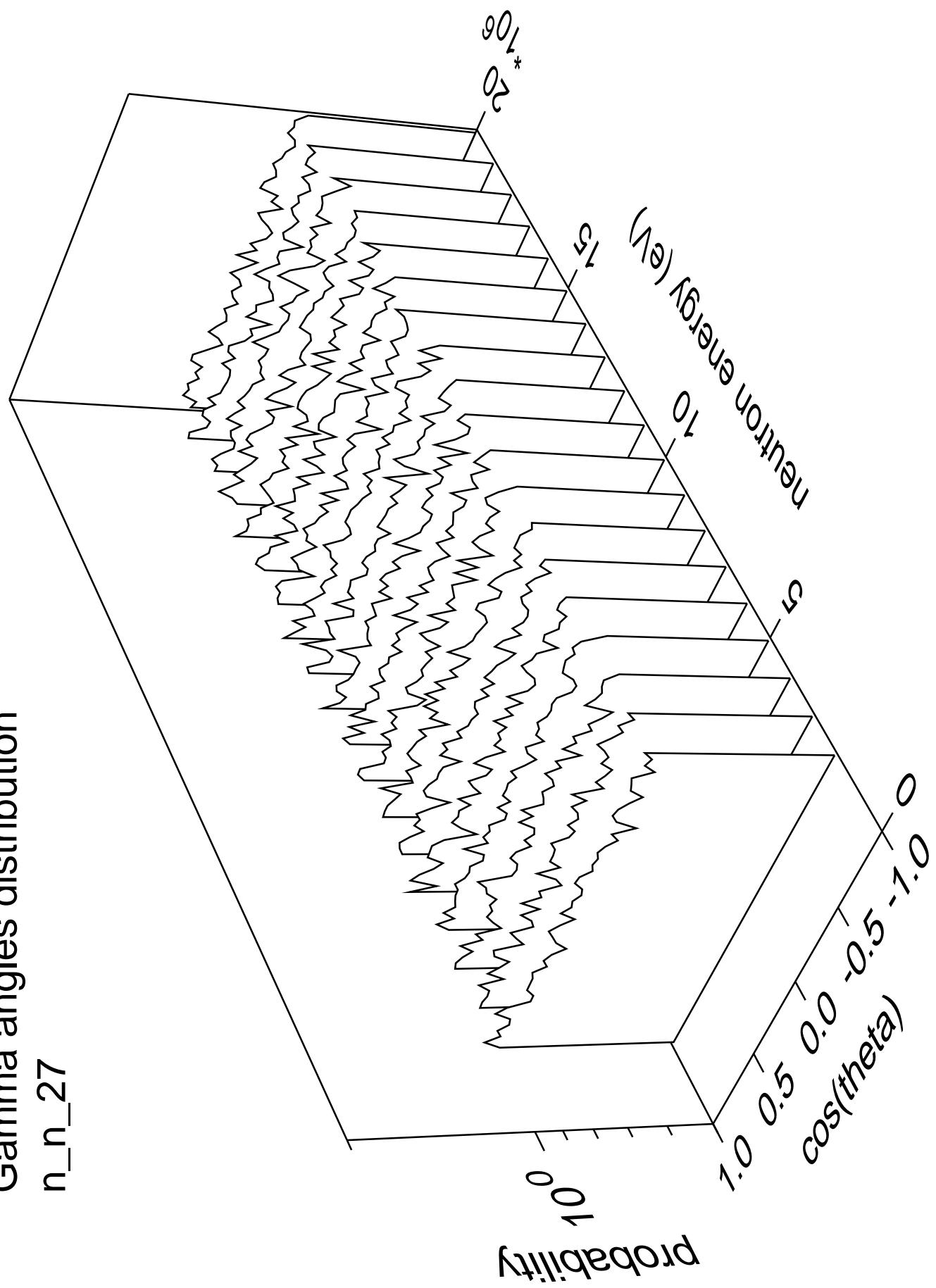


Gamma energy distribution n_n_27

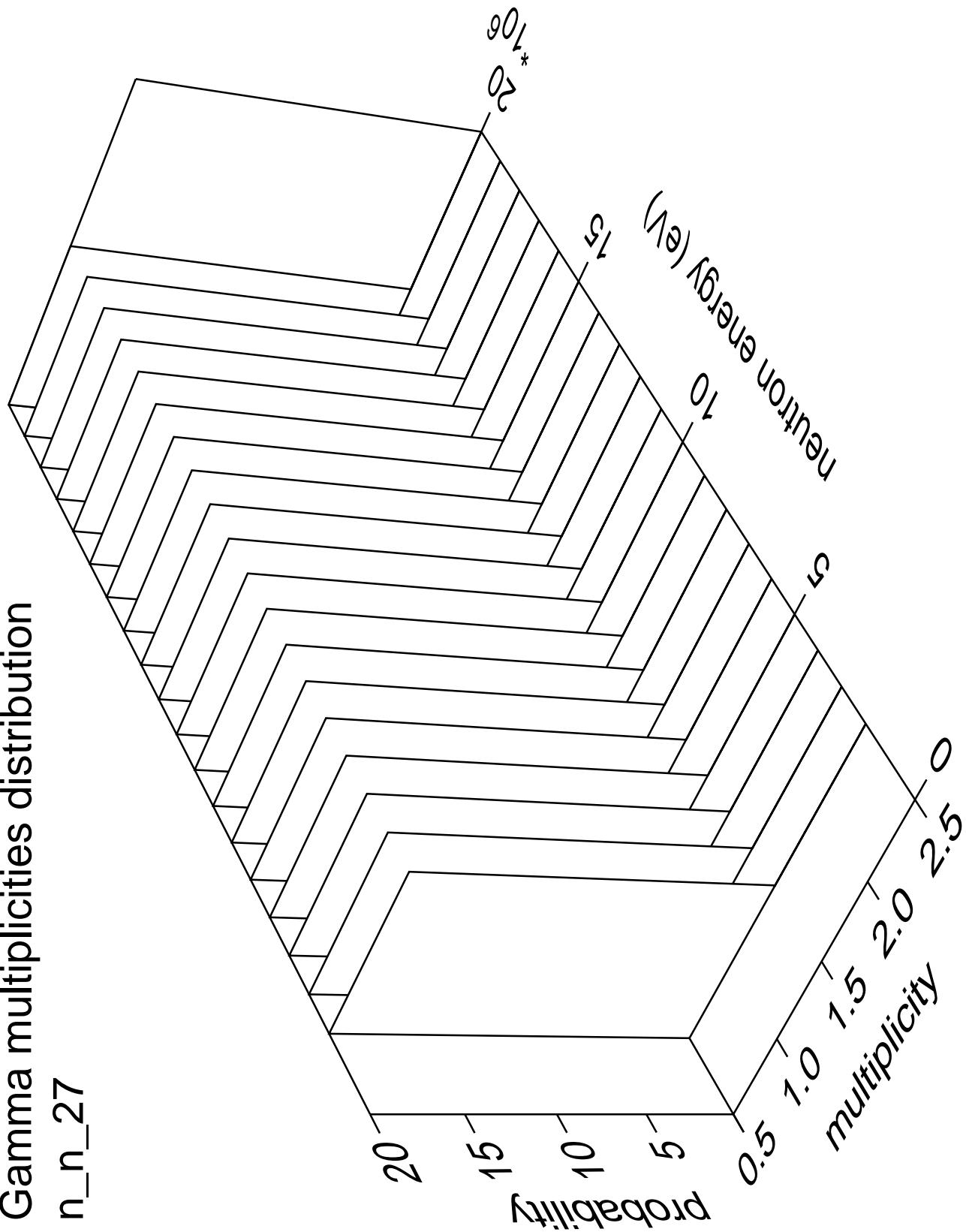


Gamma angles distribution

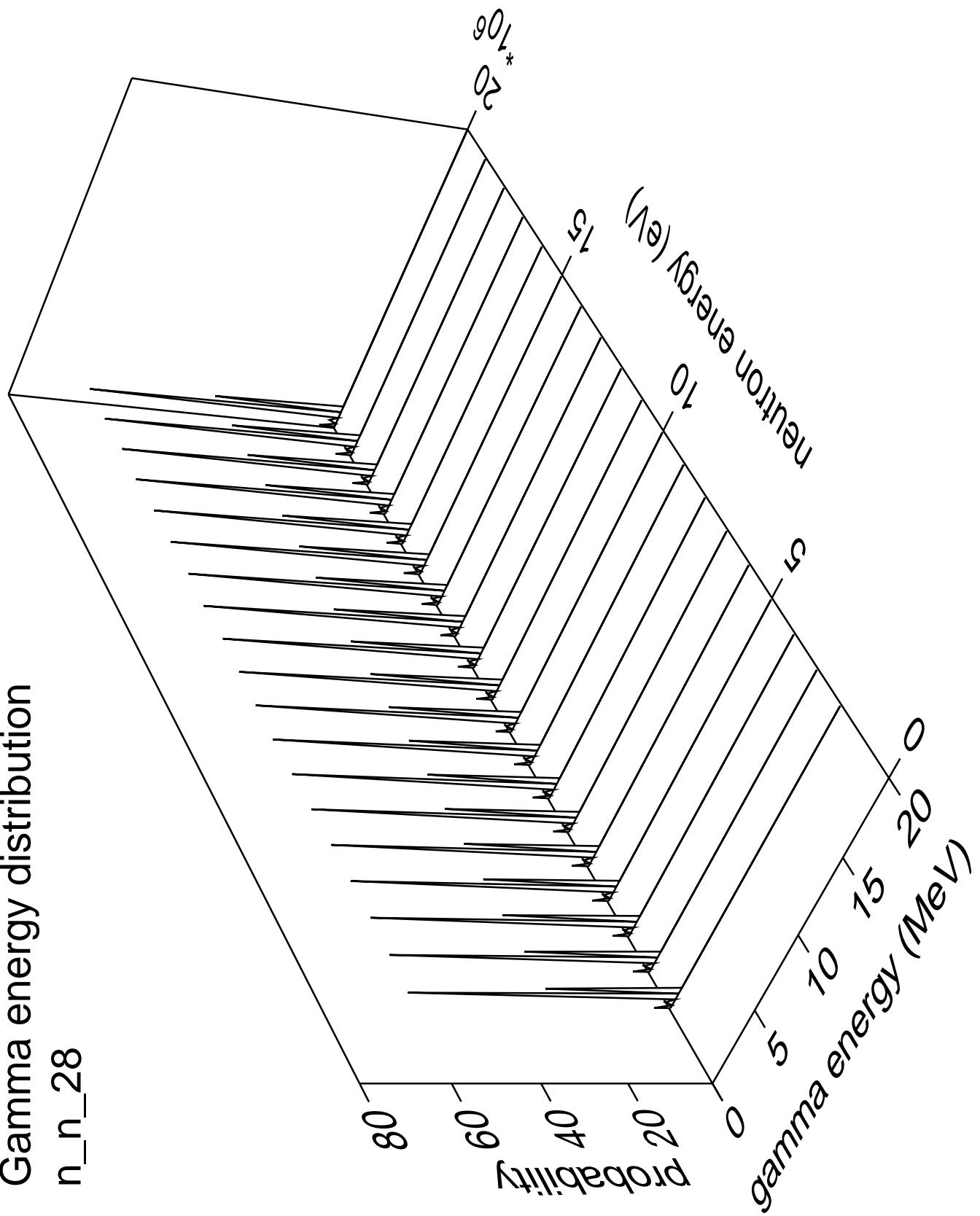
n_n_27



Gamma multiplicities distribution n_n_27

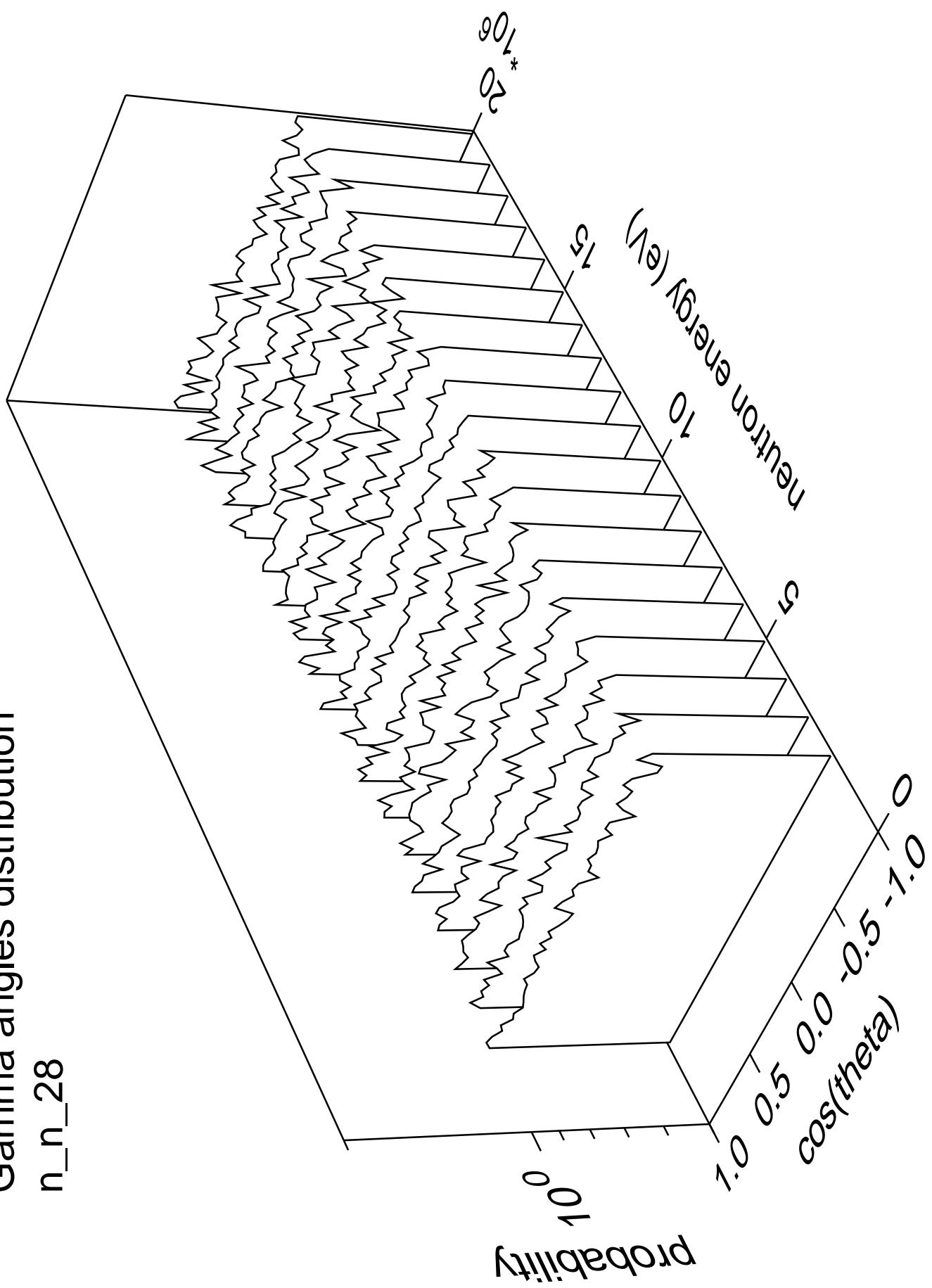


Gamma energy distribution

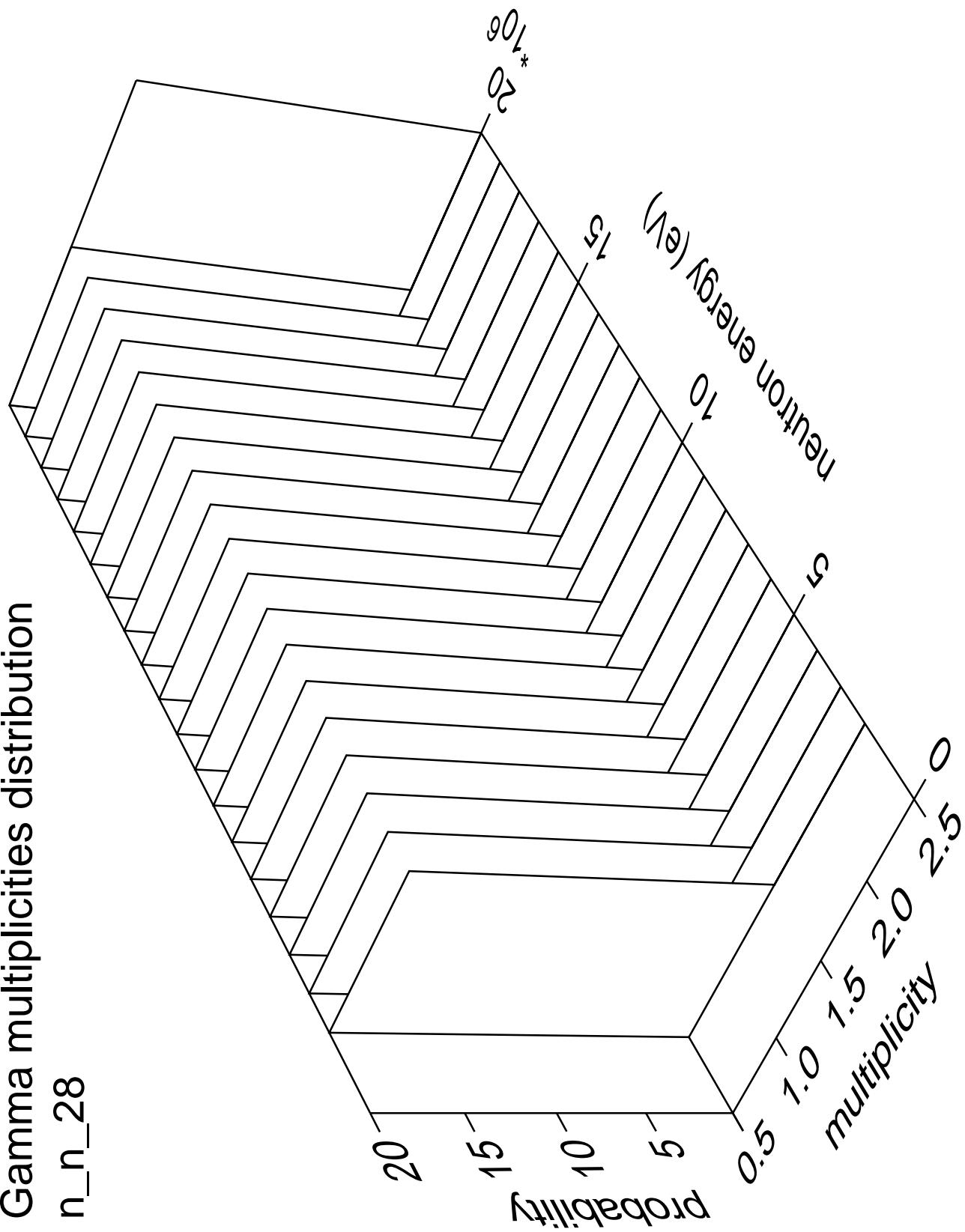


Gamma angles distribution

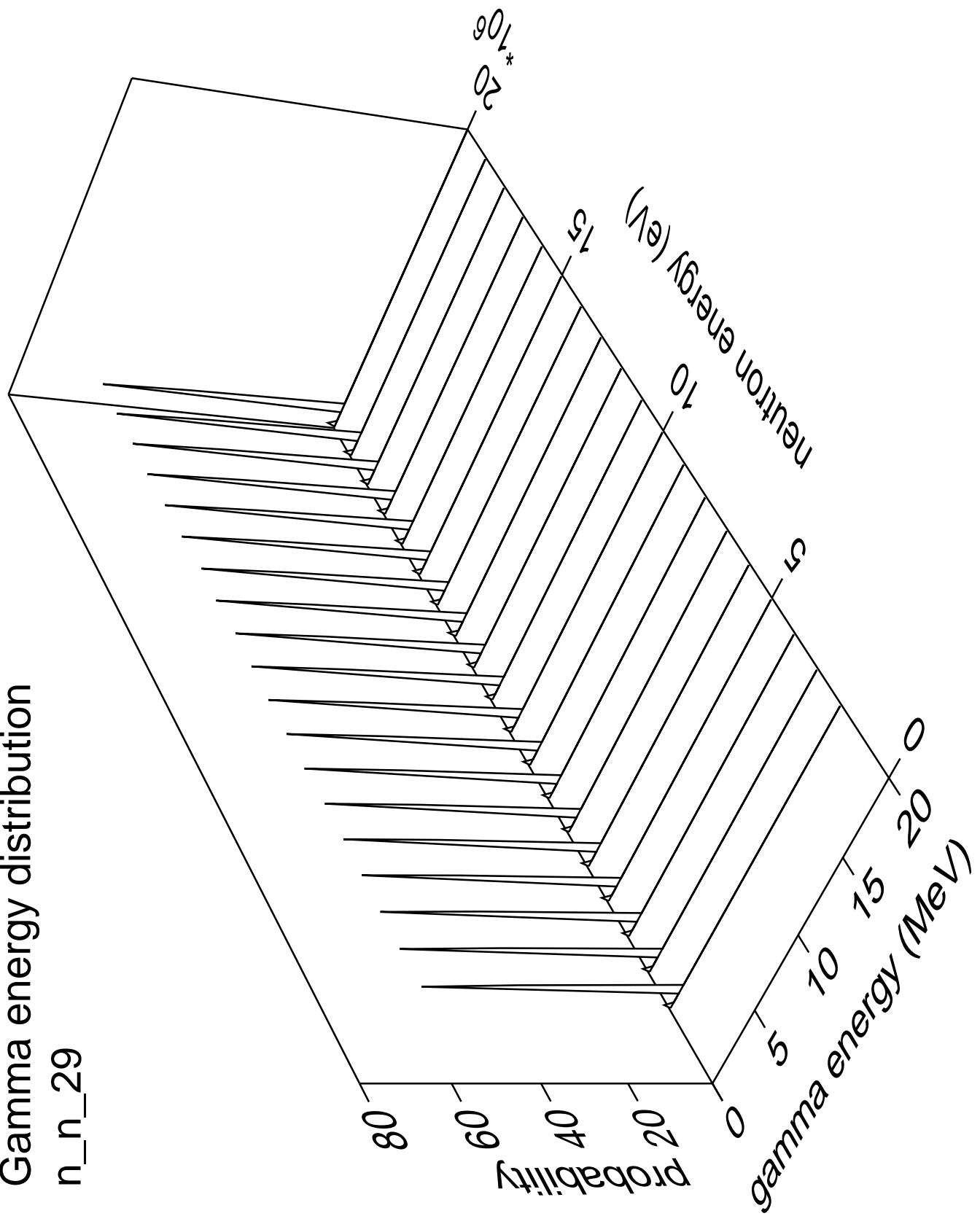
n_n_28



Gamma multiplicities distribution

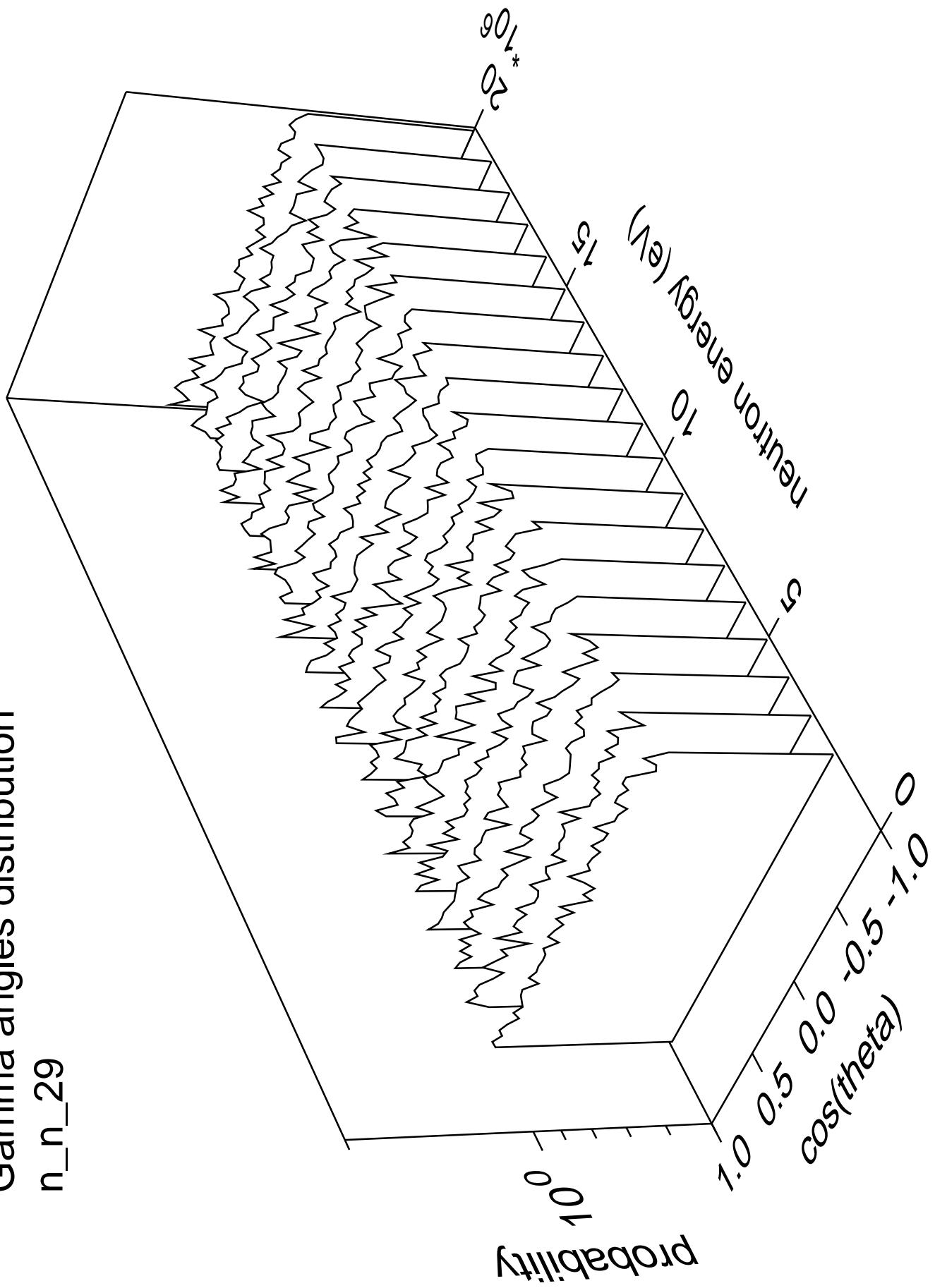


Gamma energy distribution n_n_29

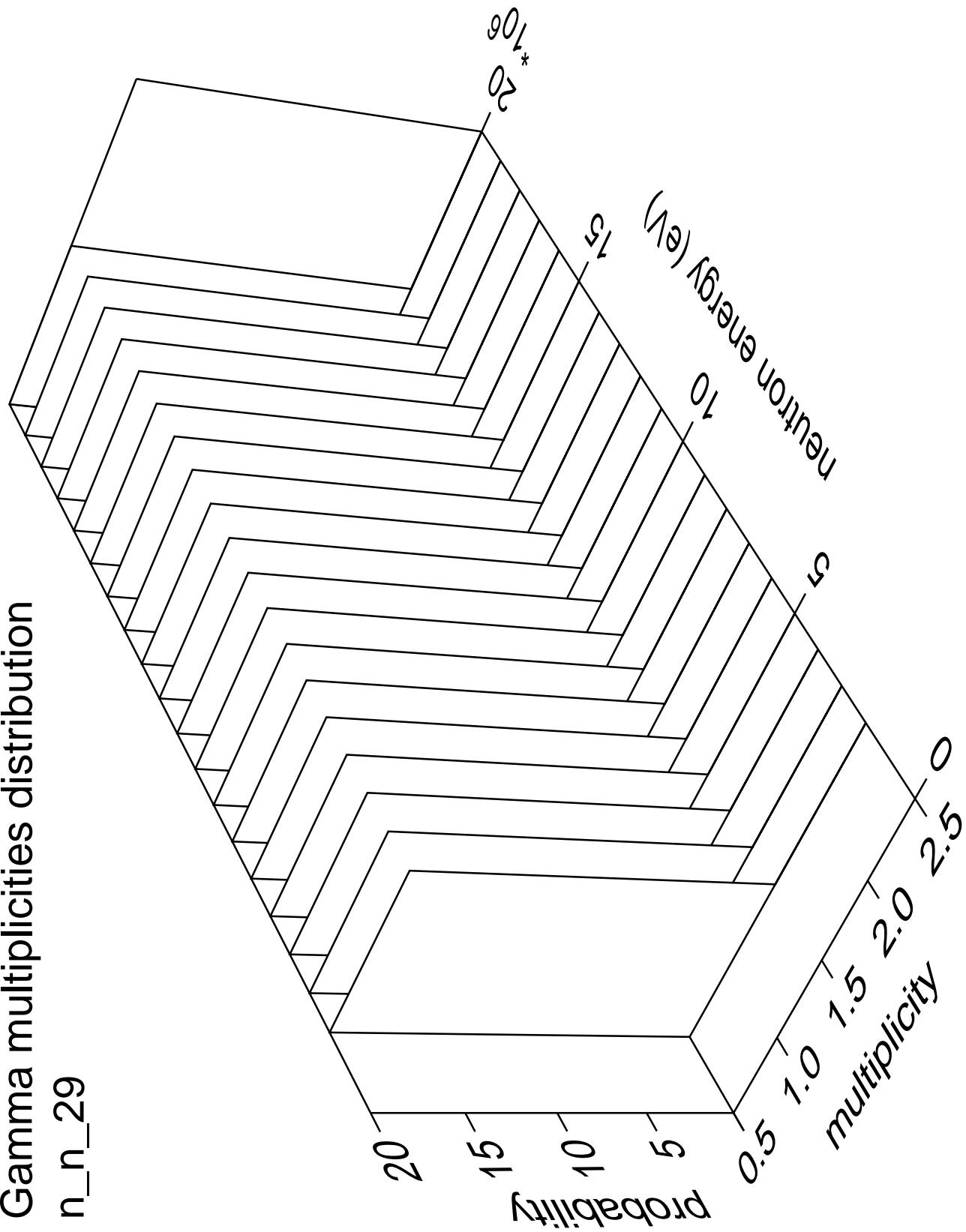


Gamma angles distribution

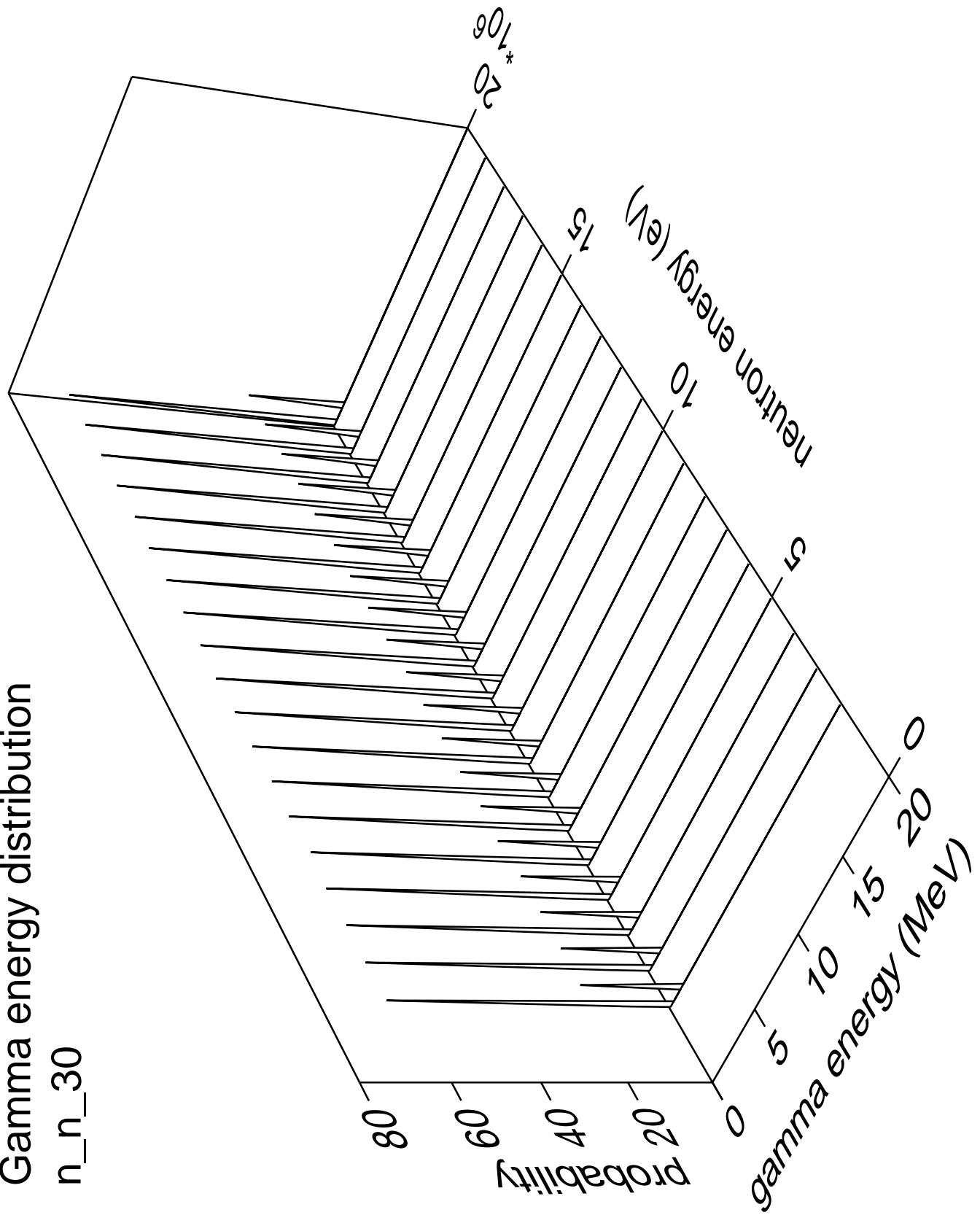
n_n_29



Gamma multiplicities distribution

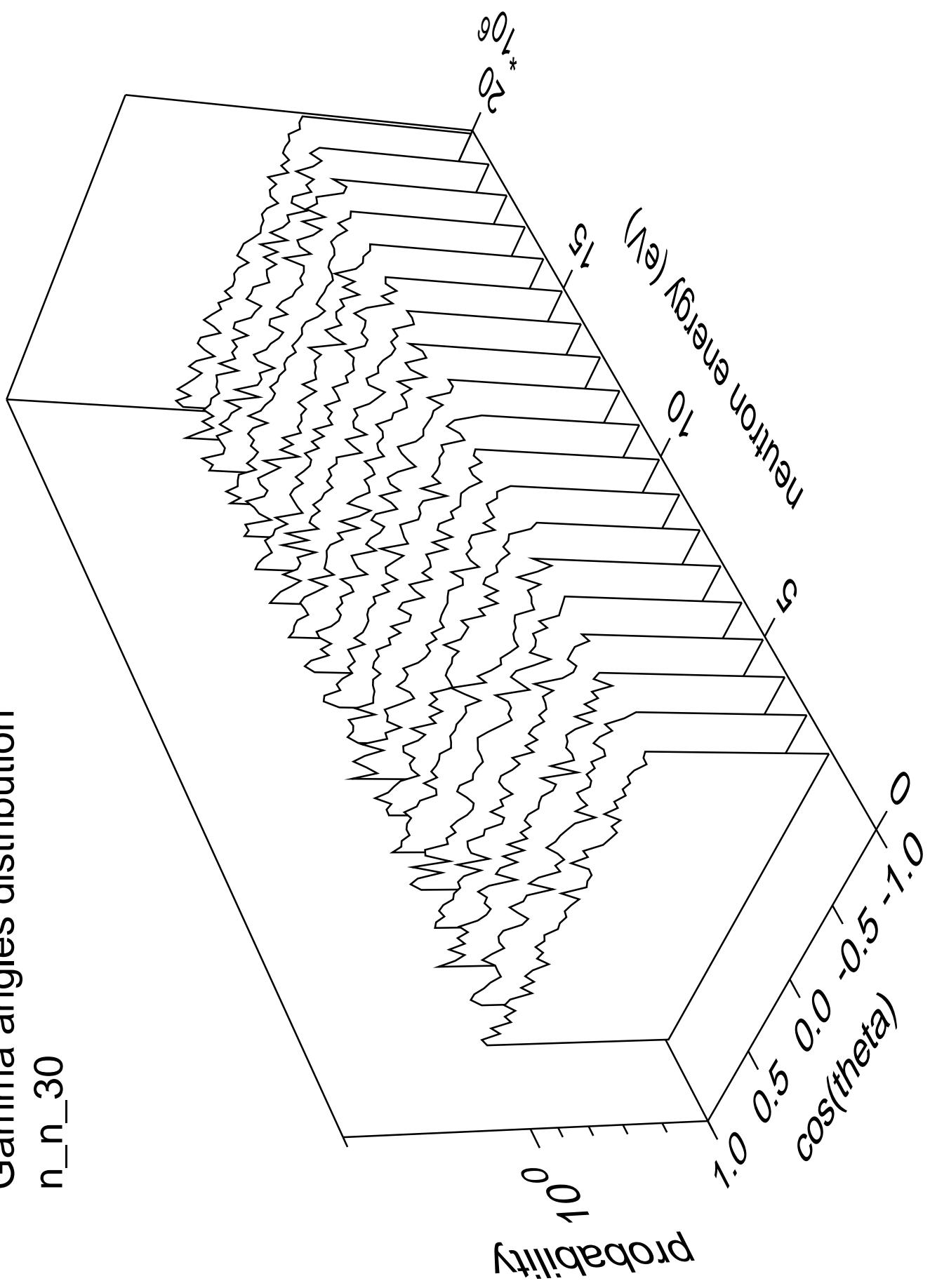


Gamma energy distribution

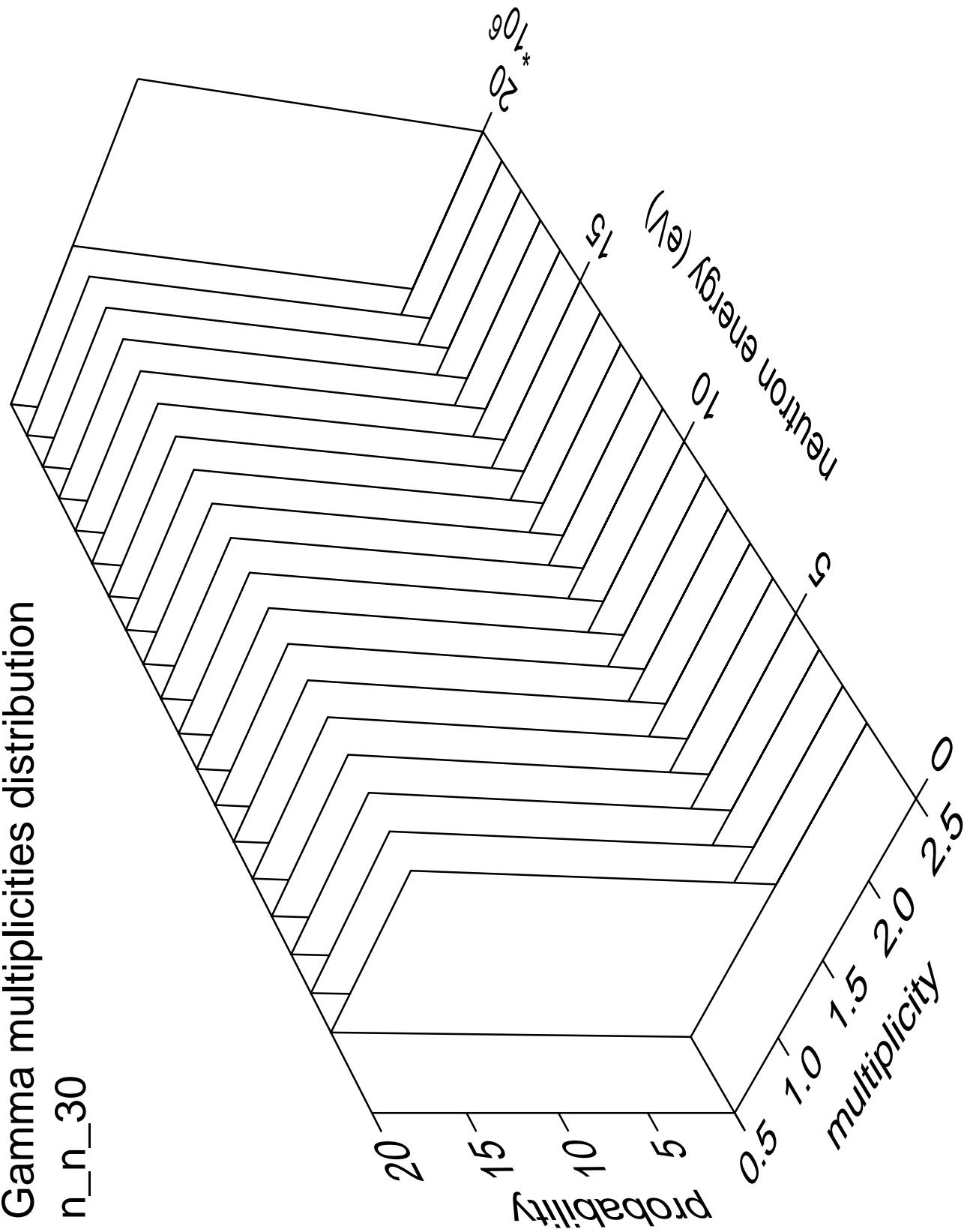


Gamma angles distribution

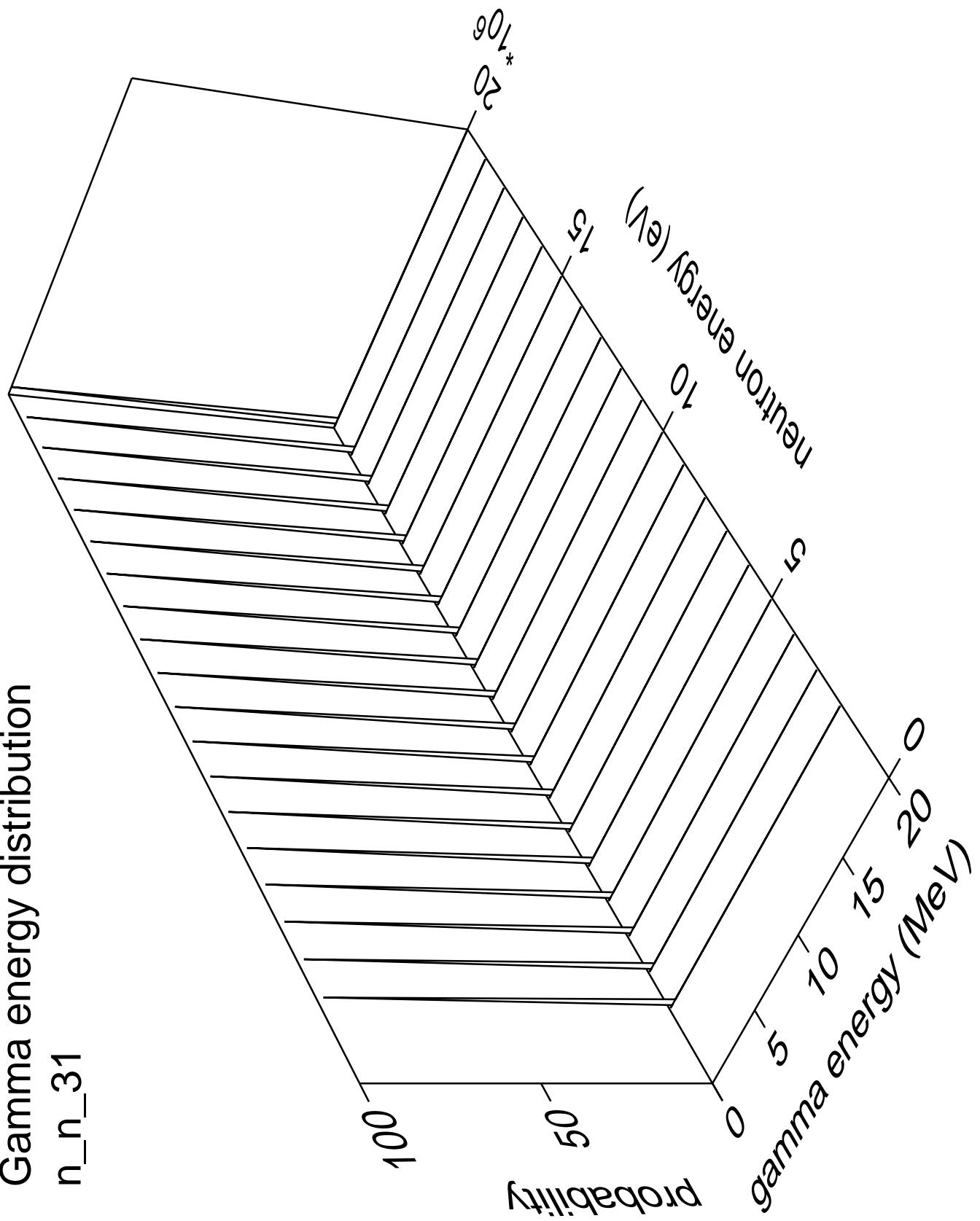
n_n_30



Gamma multiplicities distribution

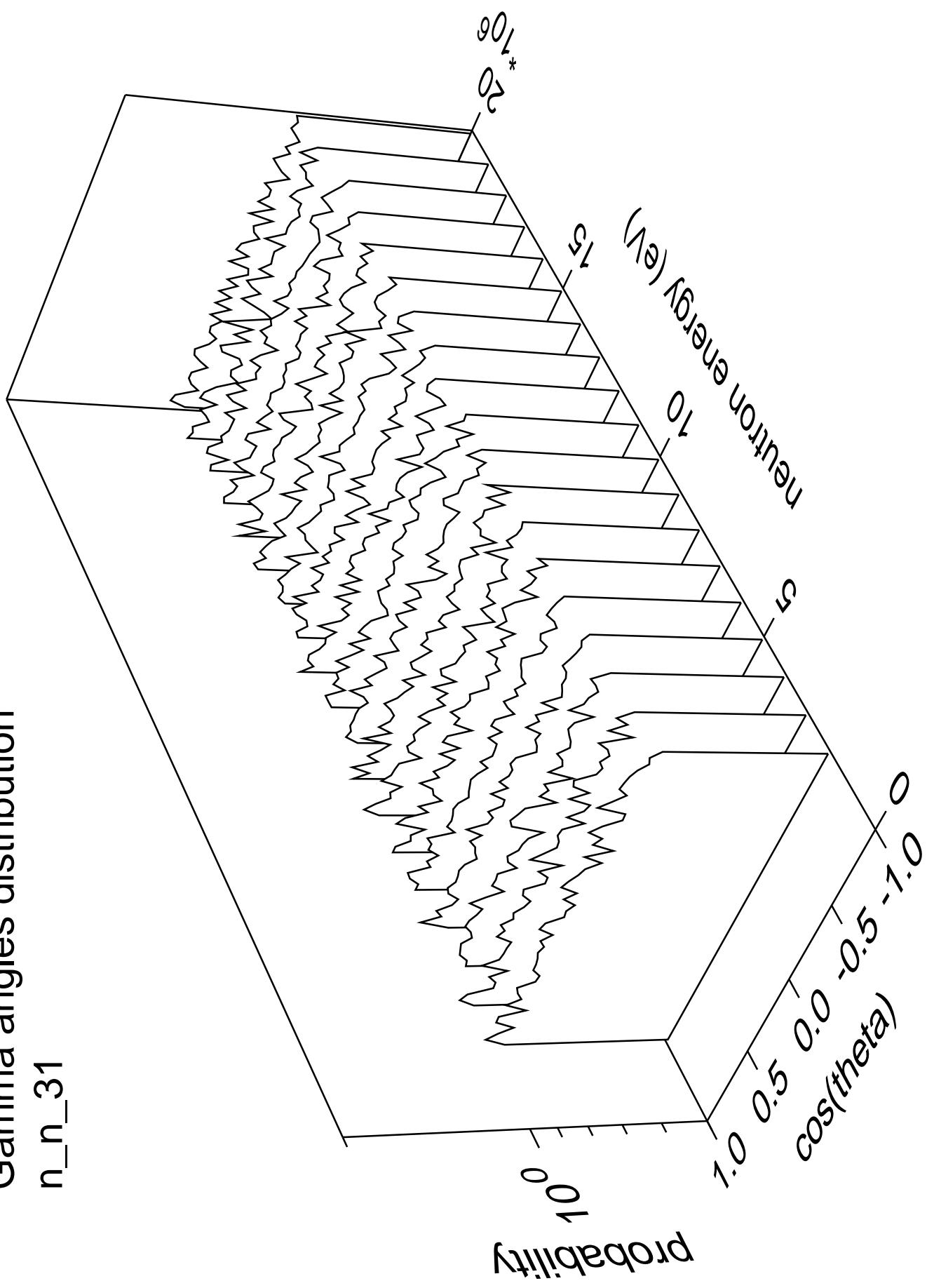


Gamma energy distribution

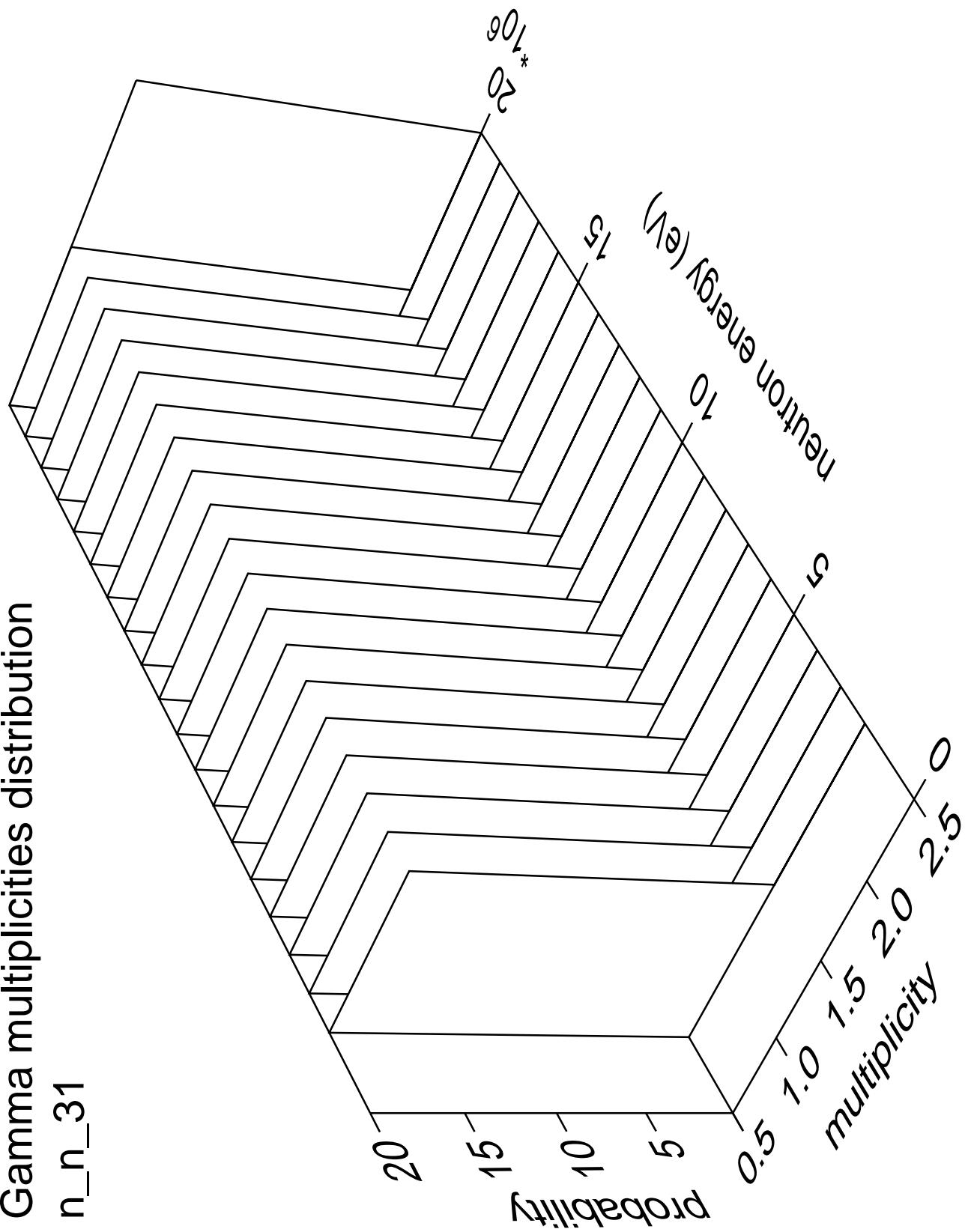


Gamma angles distribution

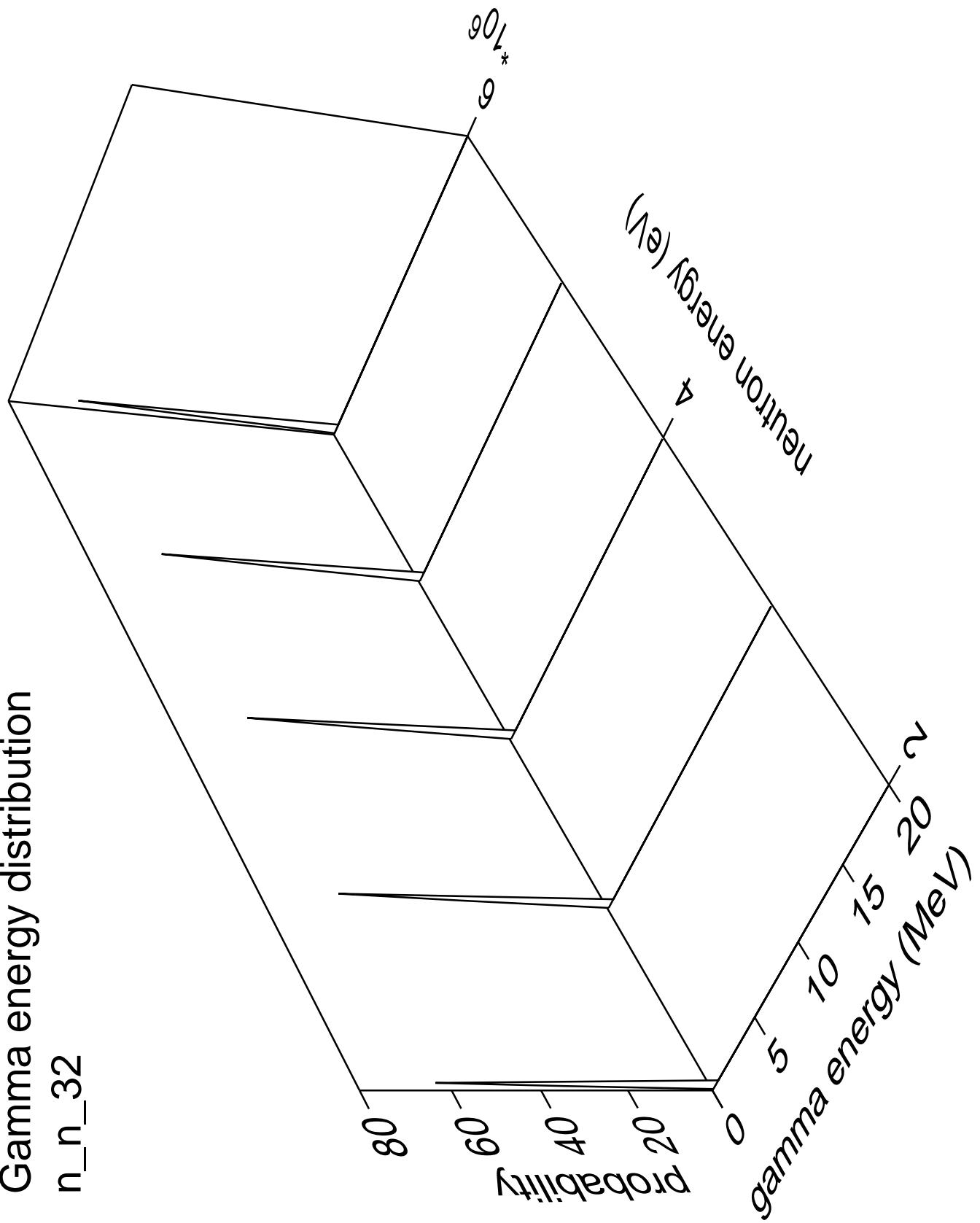
n_n_31



Gamma multiplicities distribution

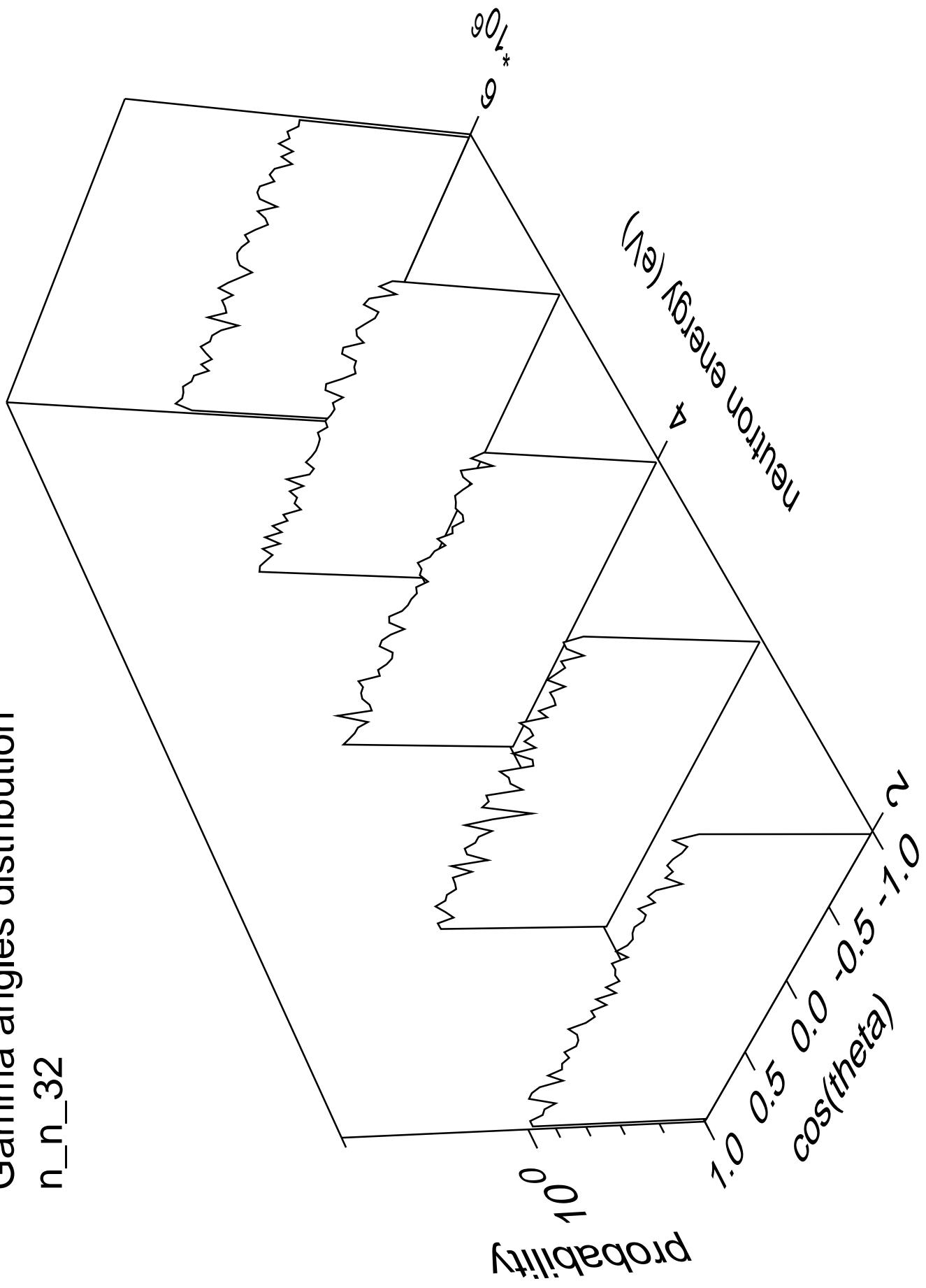


Gamma energy distribution n_n_32



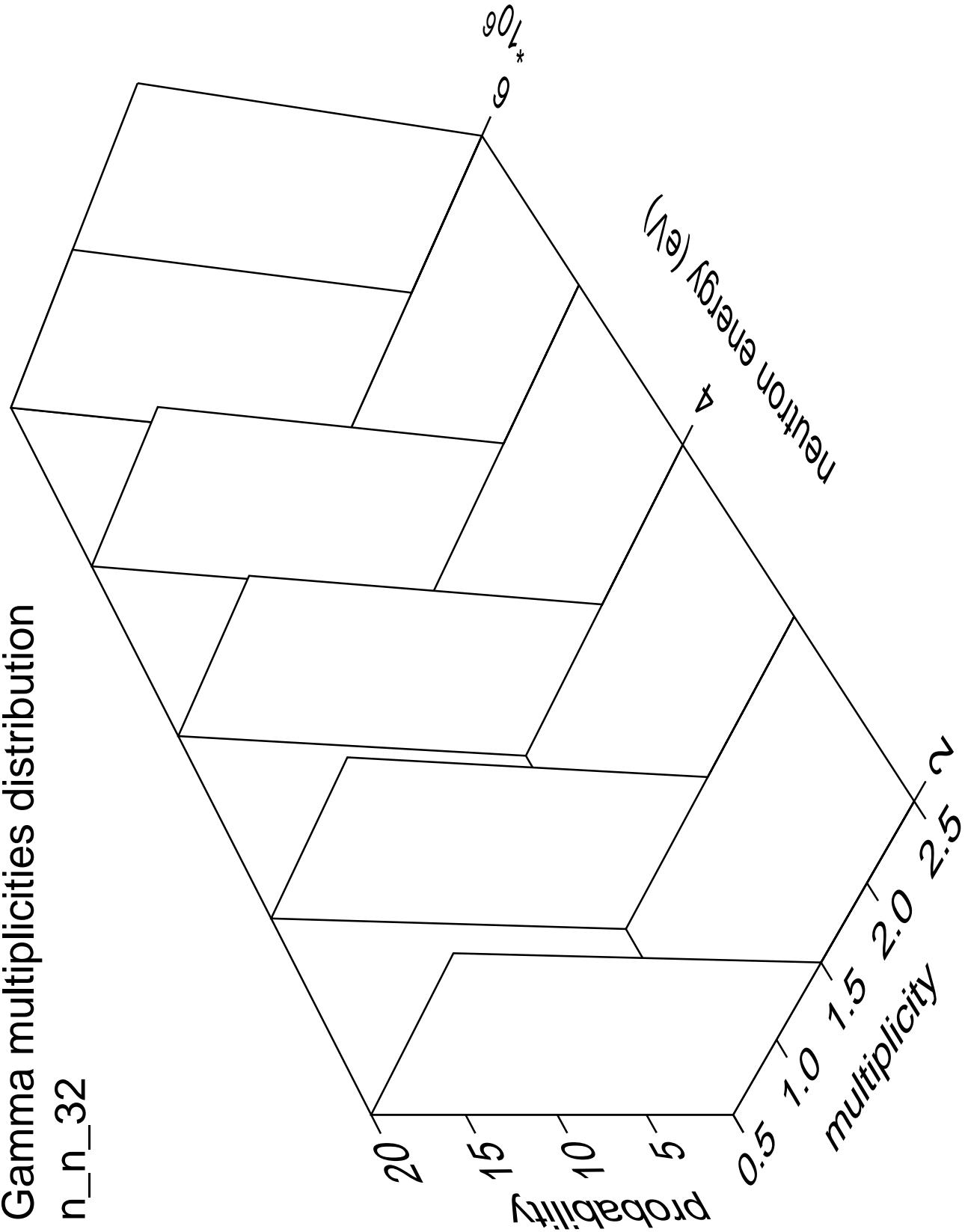
Gamma angles distribution

n_n_32

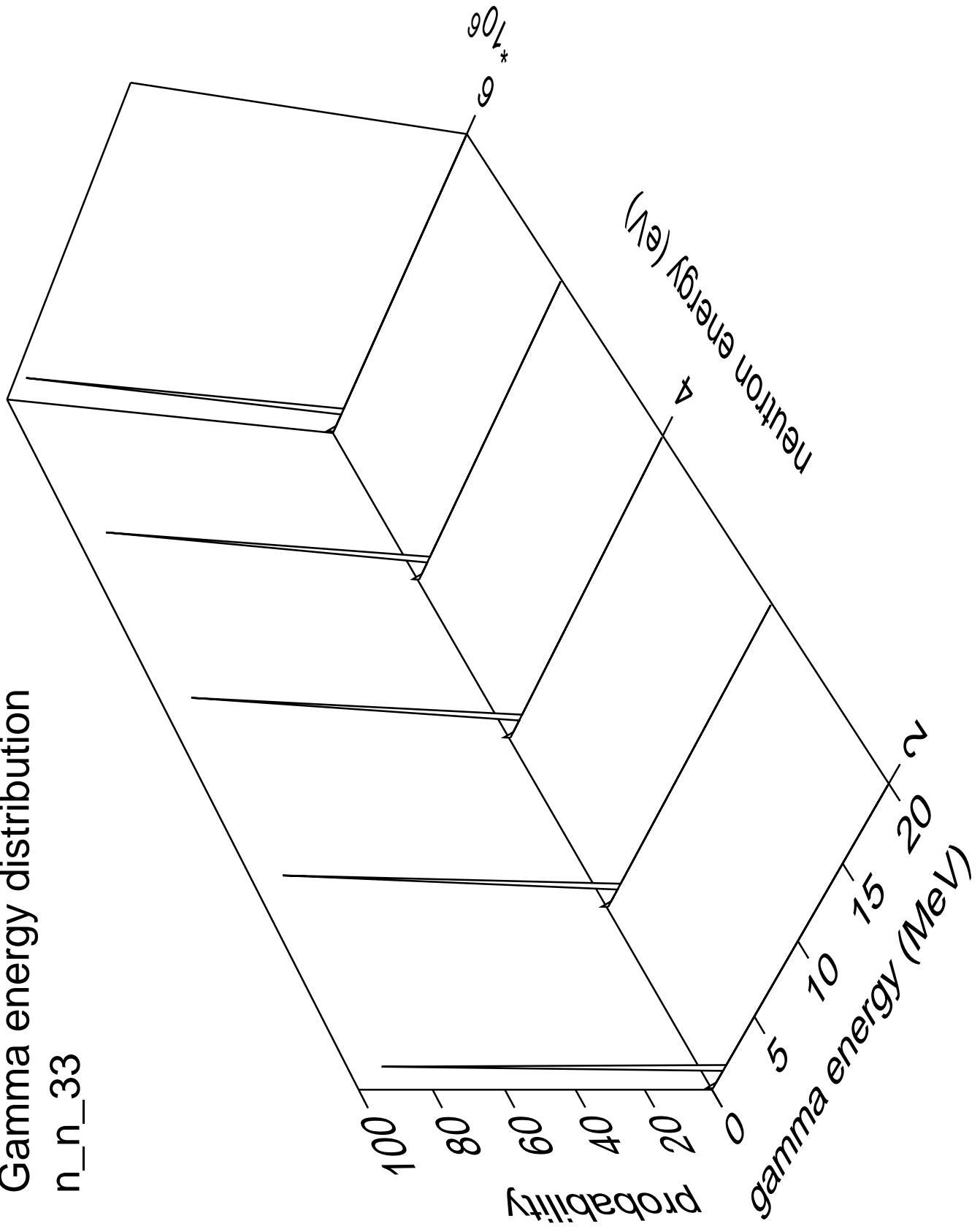


Gamma multiplicities distribution

n_n_32

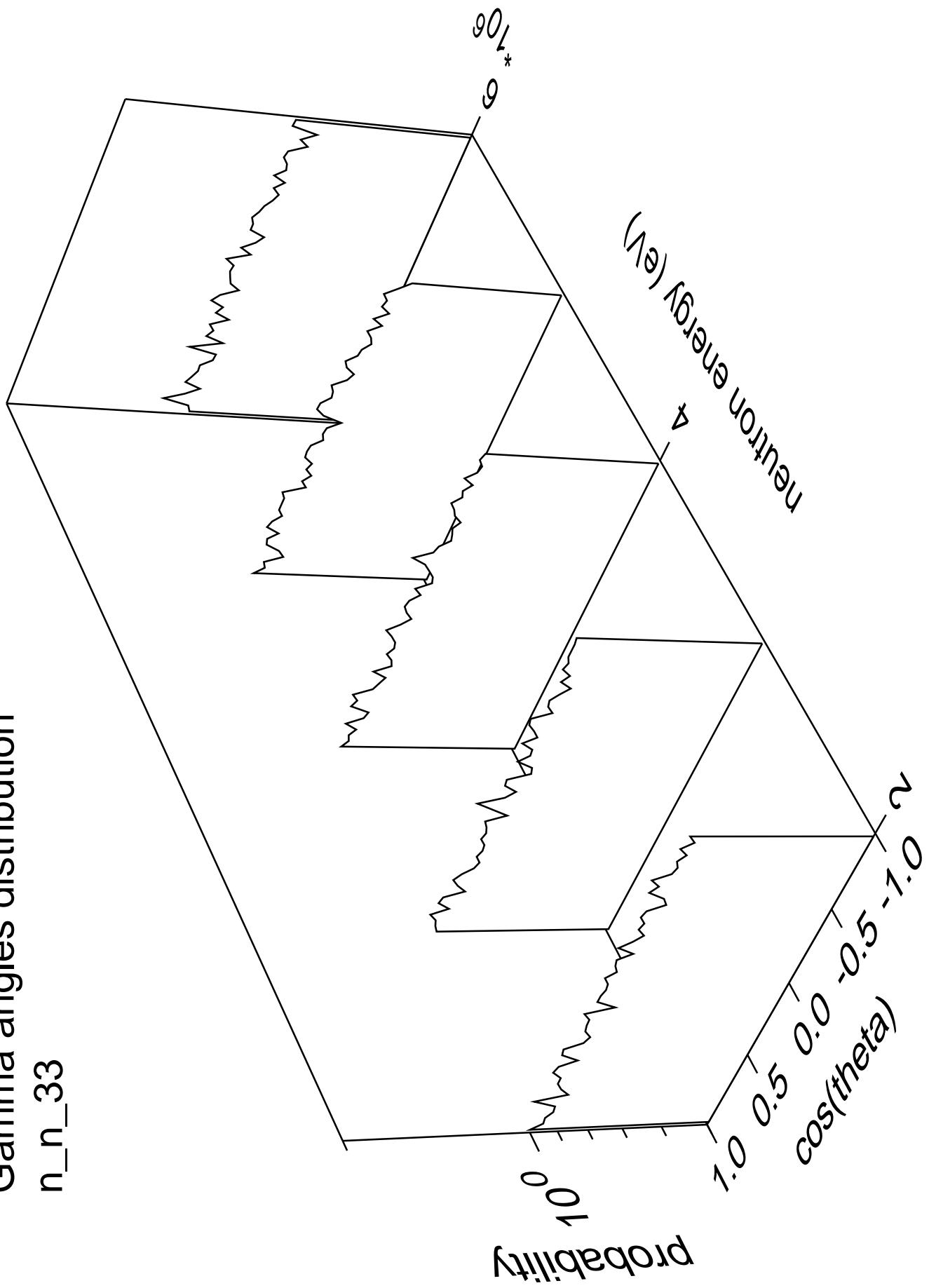


Gamma energy distribution n_n_33



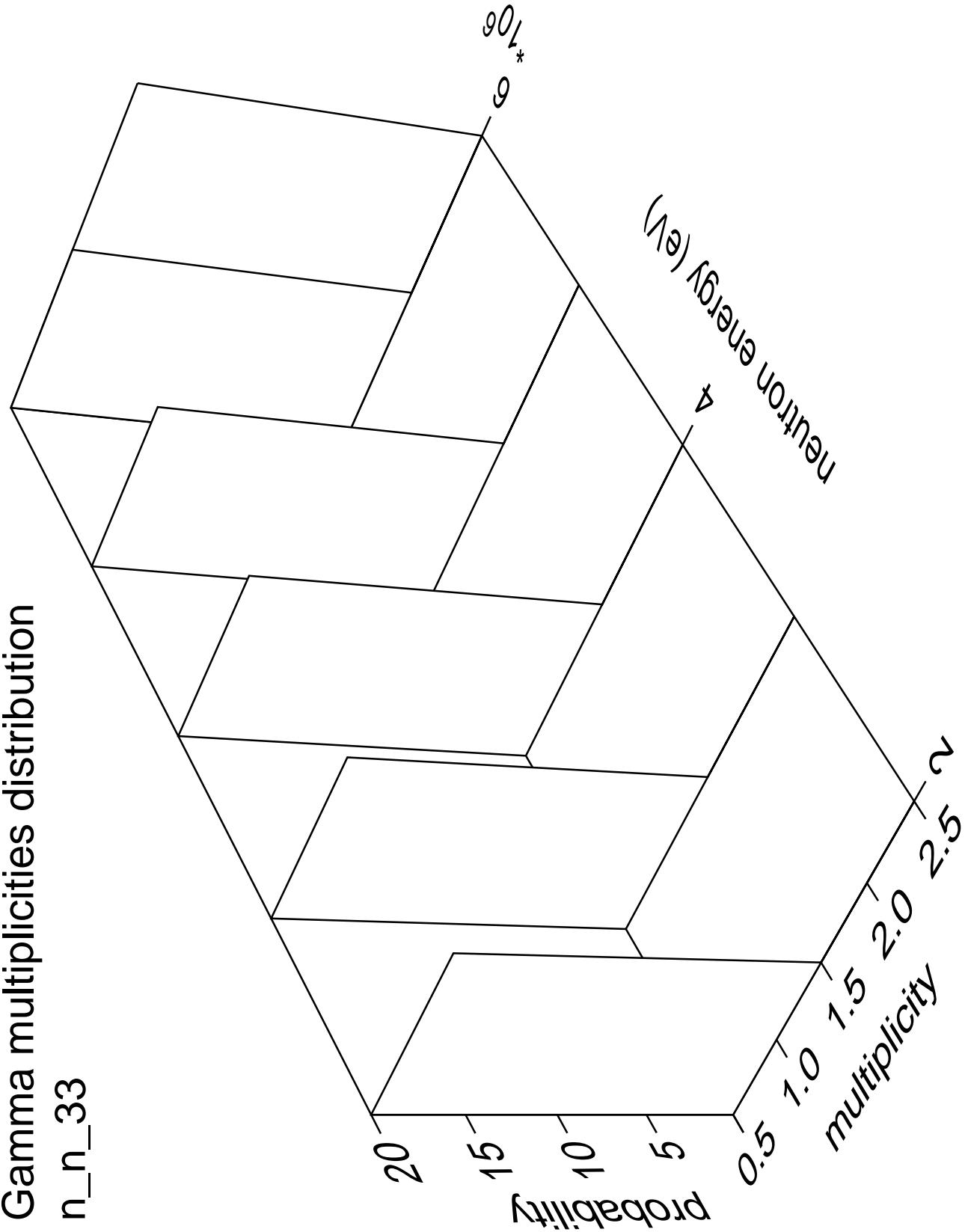
Gamma angles distribution

n_n_33

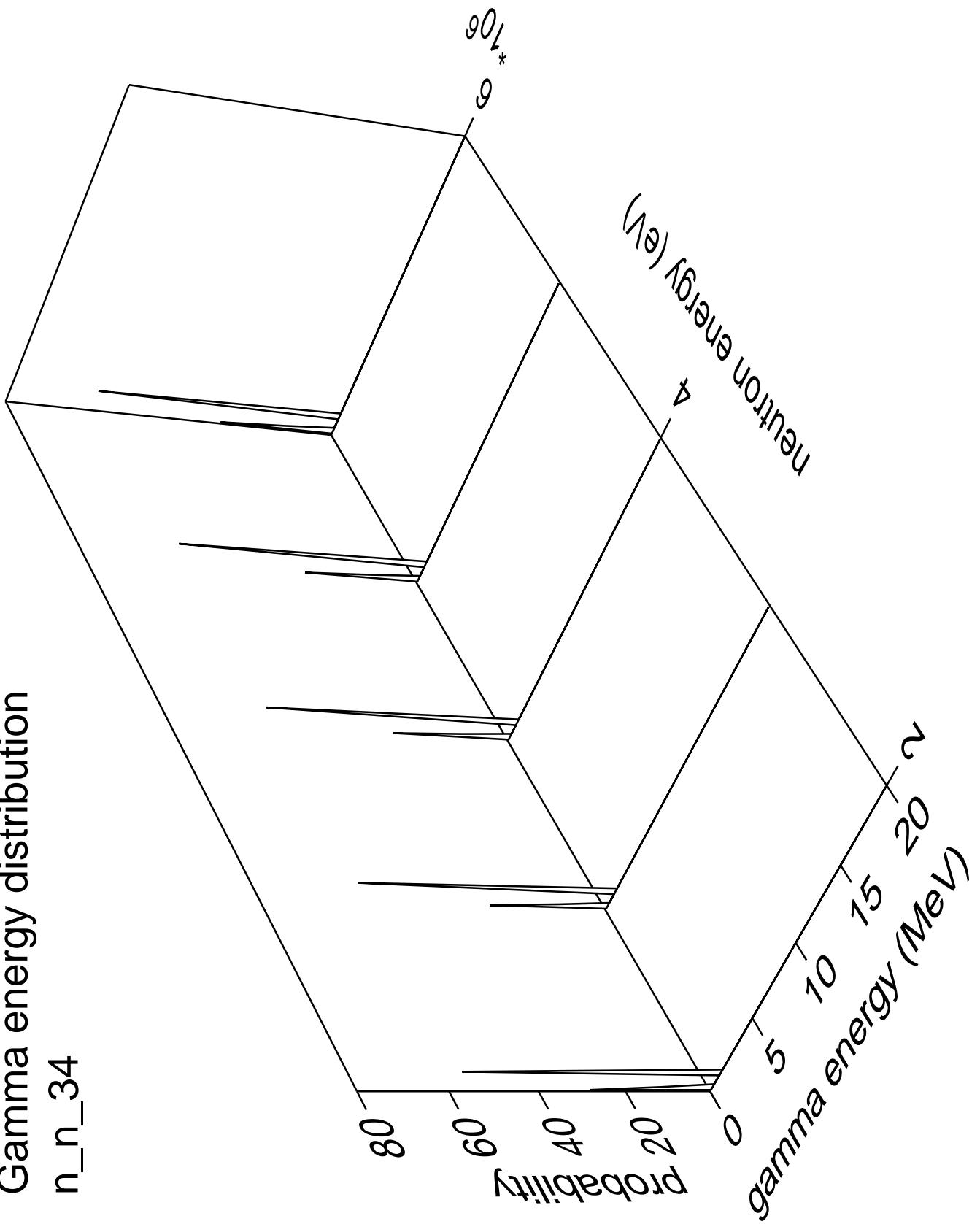


Gamma multiplicities distribution

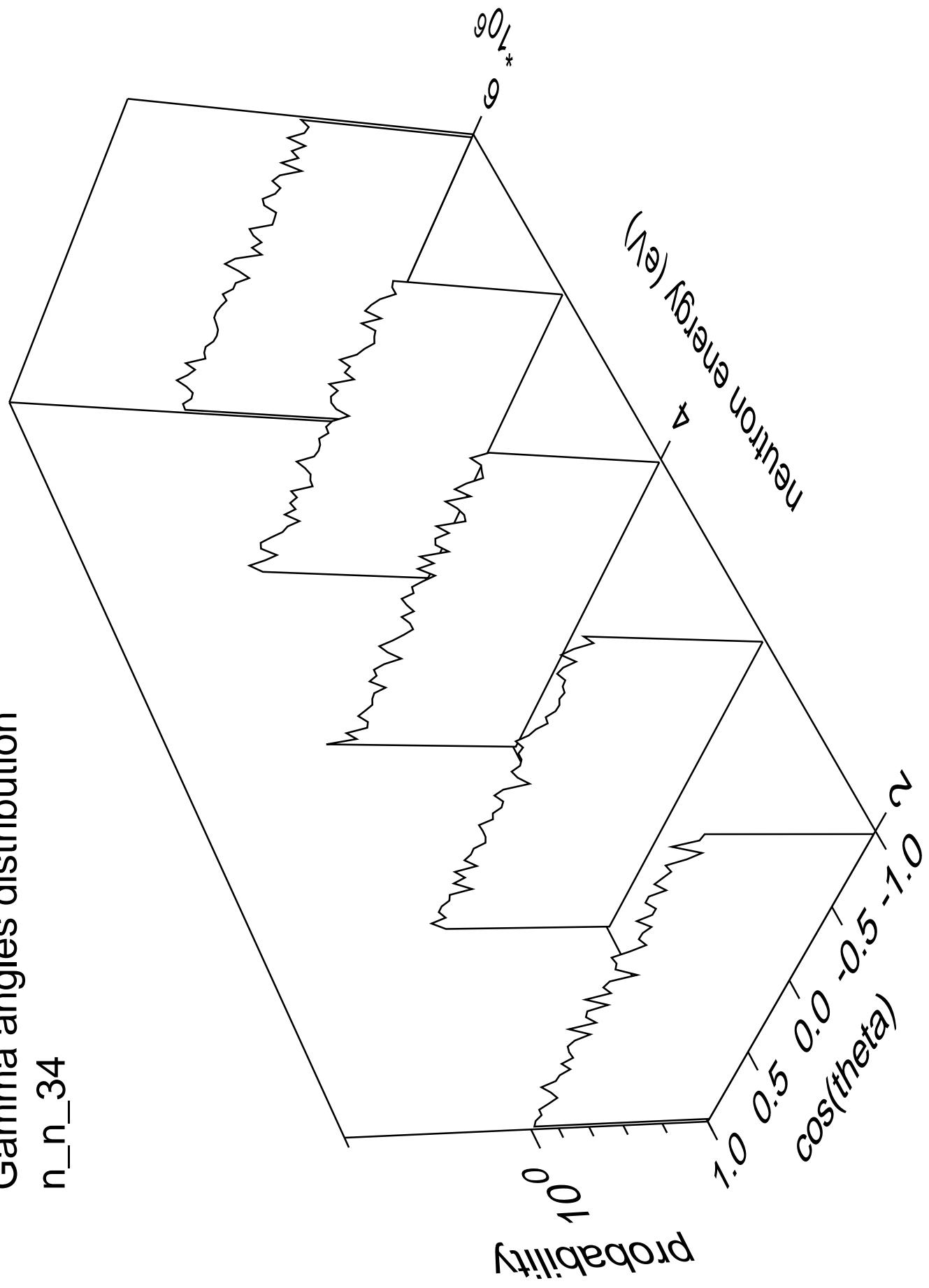
n_n_{33}



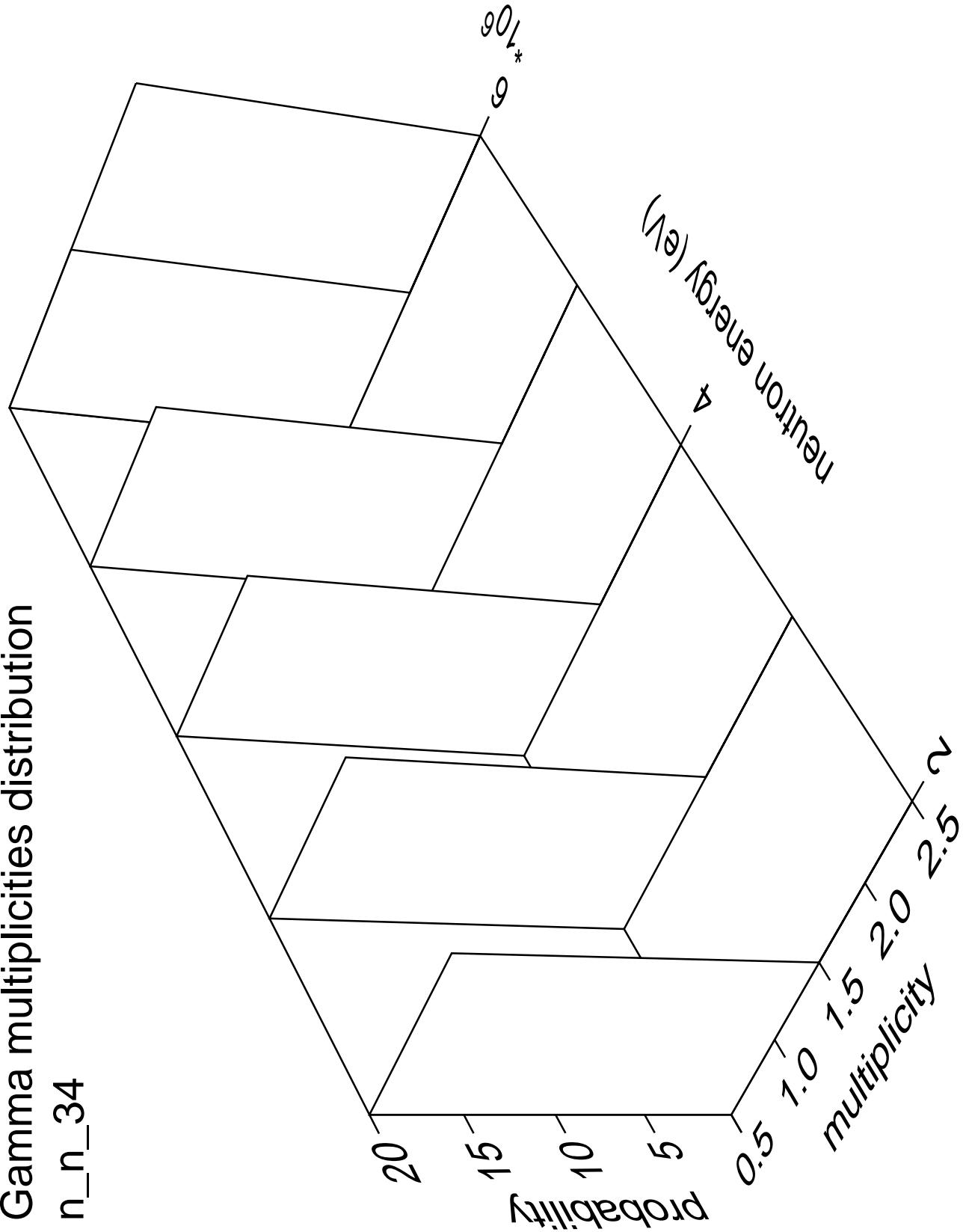
Gamma energy distribution n_n_34

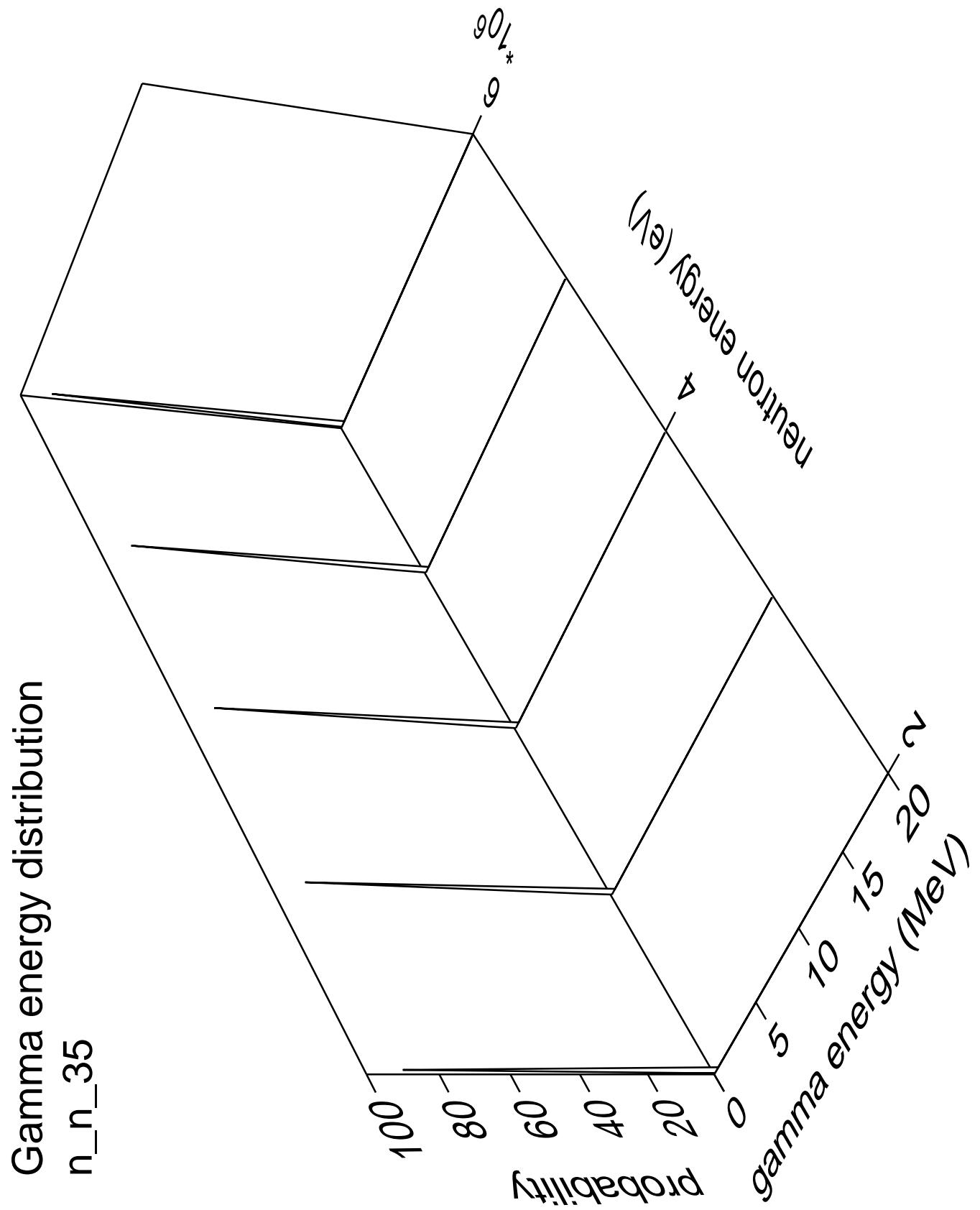


Gamma angles distribution
n_n_34

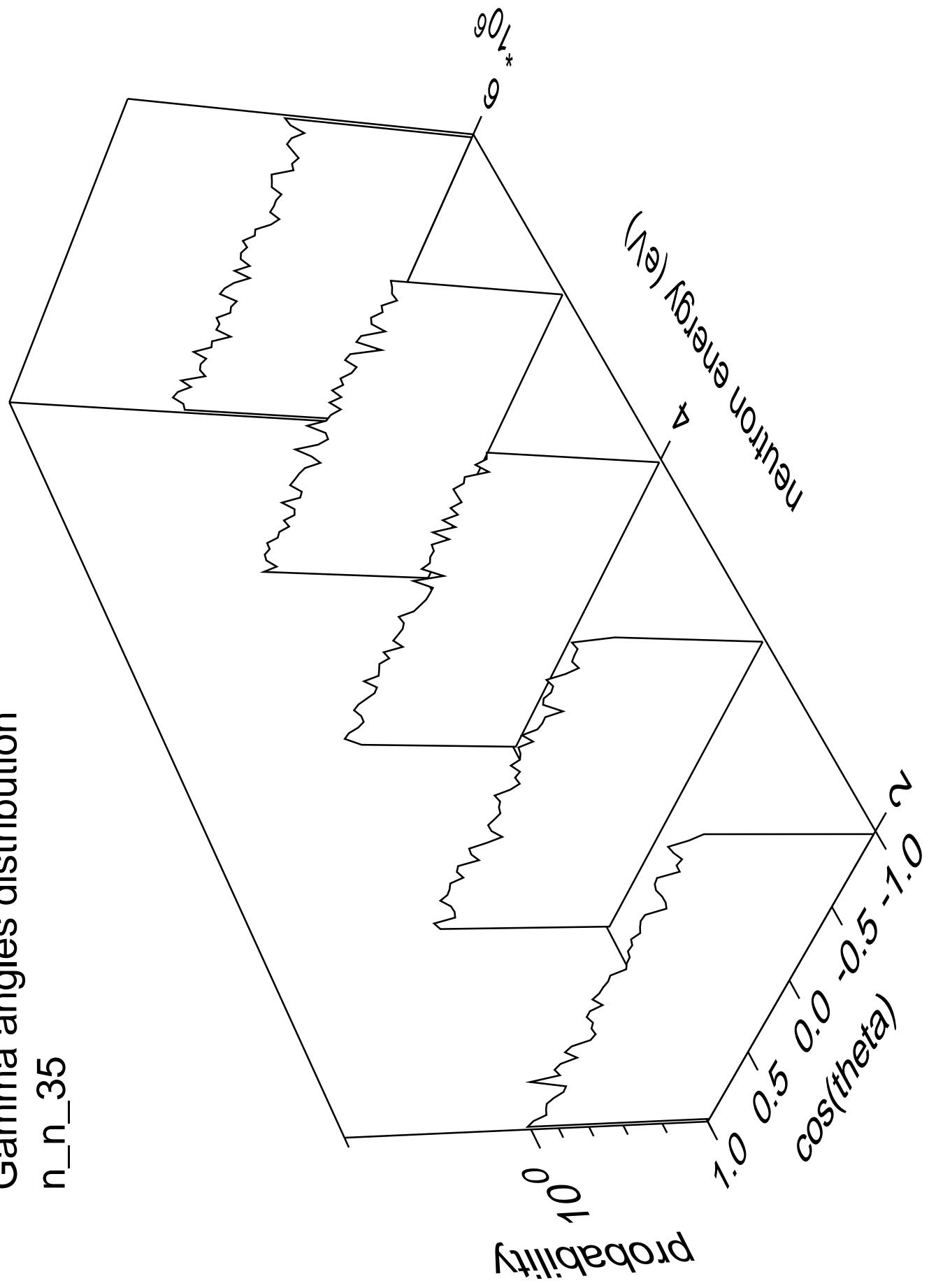


Gamma multiplicities distribution n_n_{34}



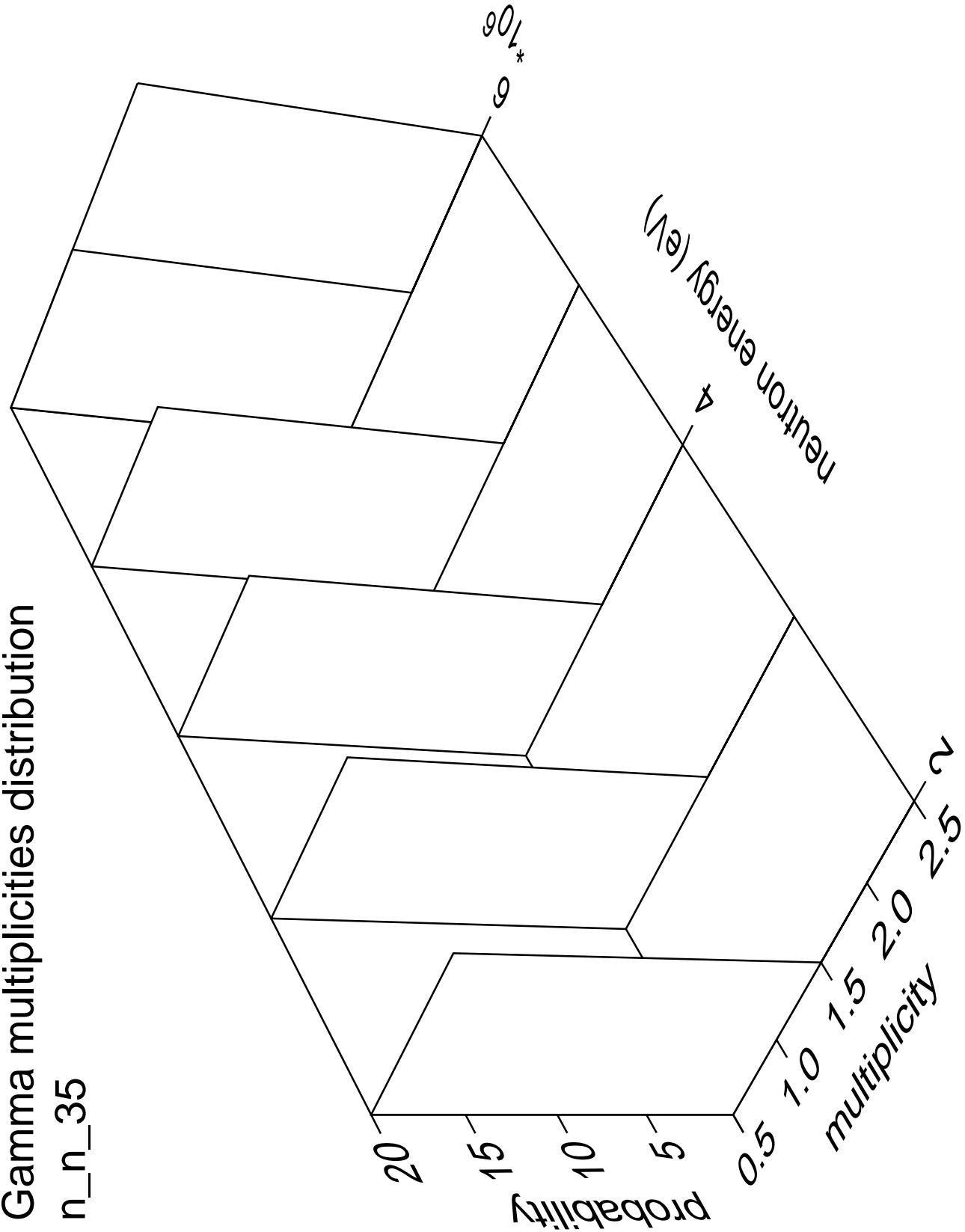


Gamma angles distribution
n_n_35

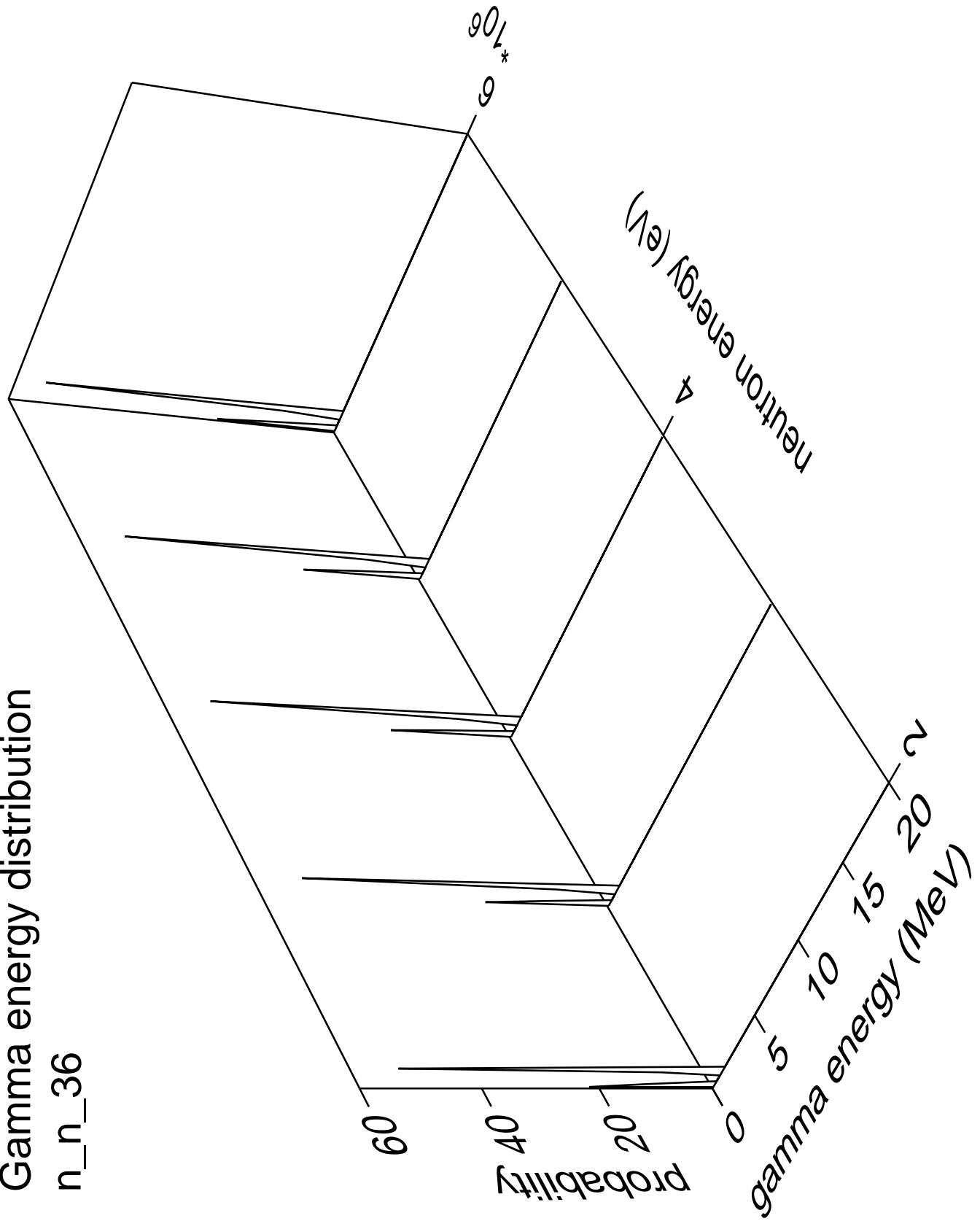


Gamma multiplicities distribution

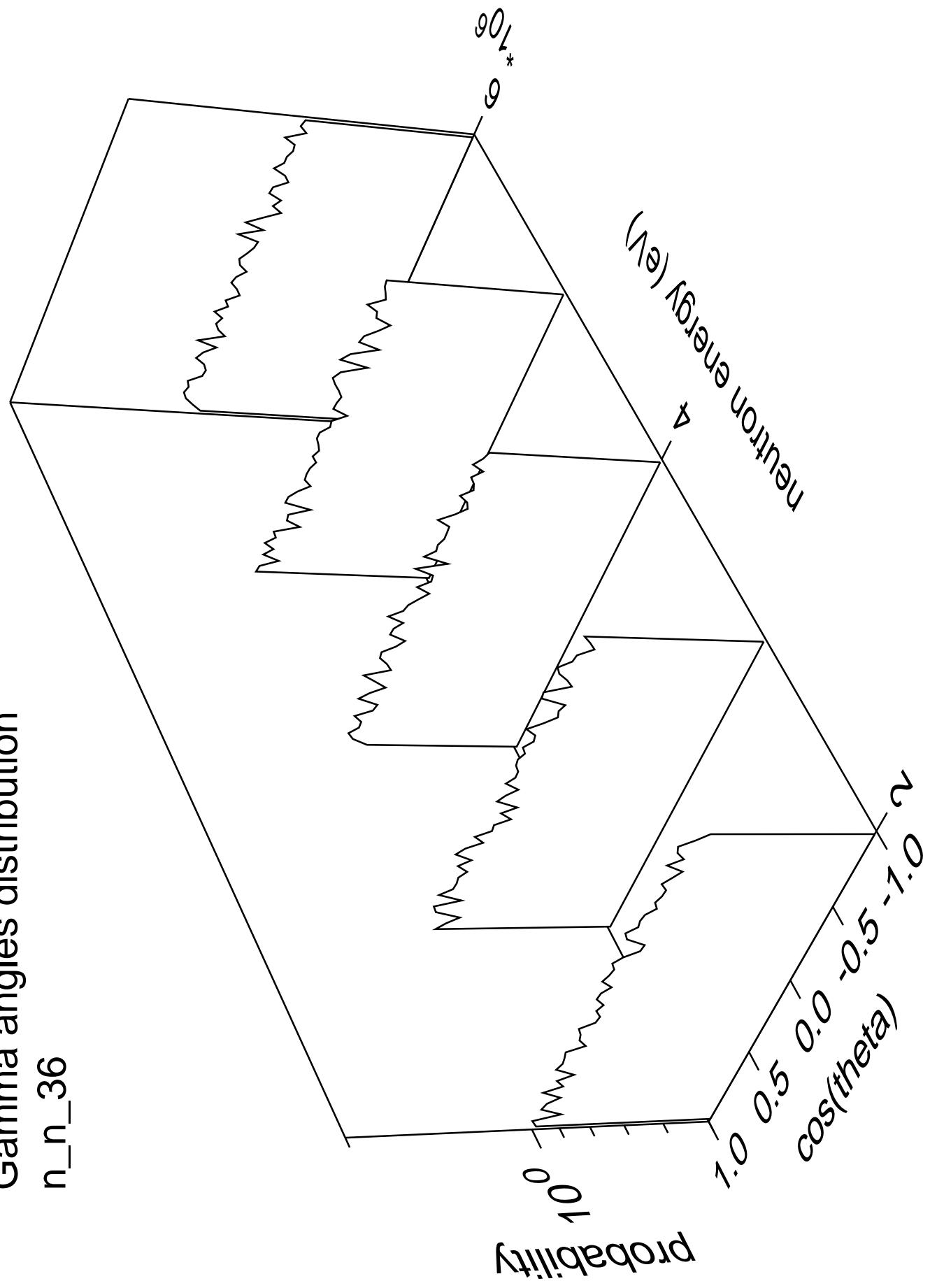
n_n_35



Gamma energy distribution n_n_36

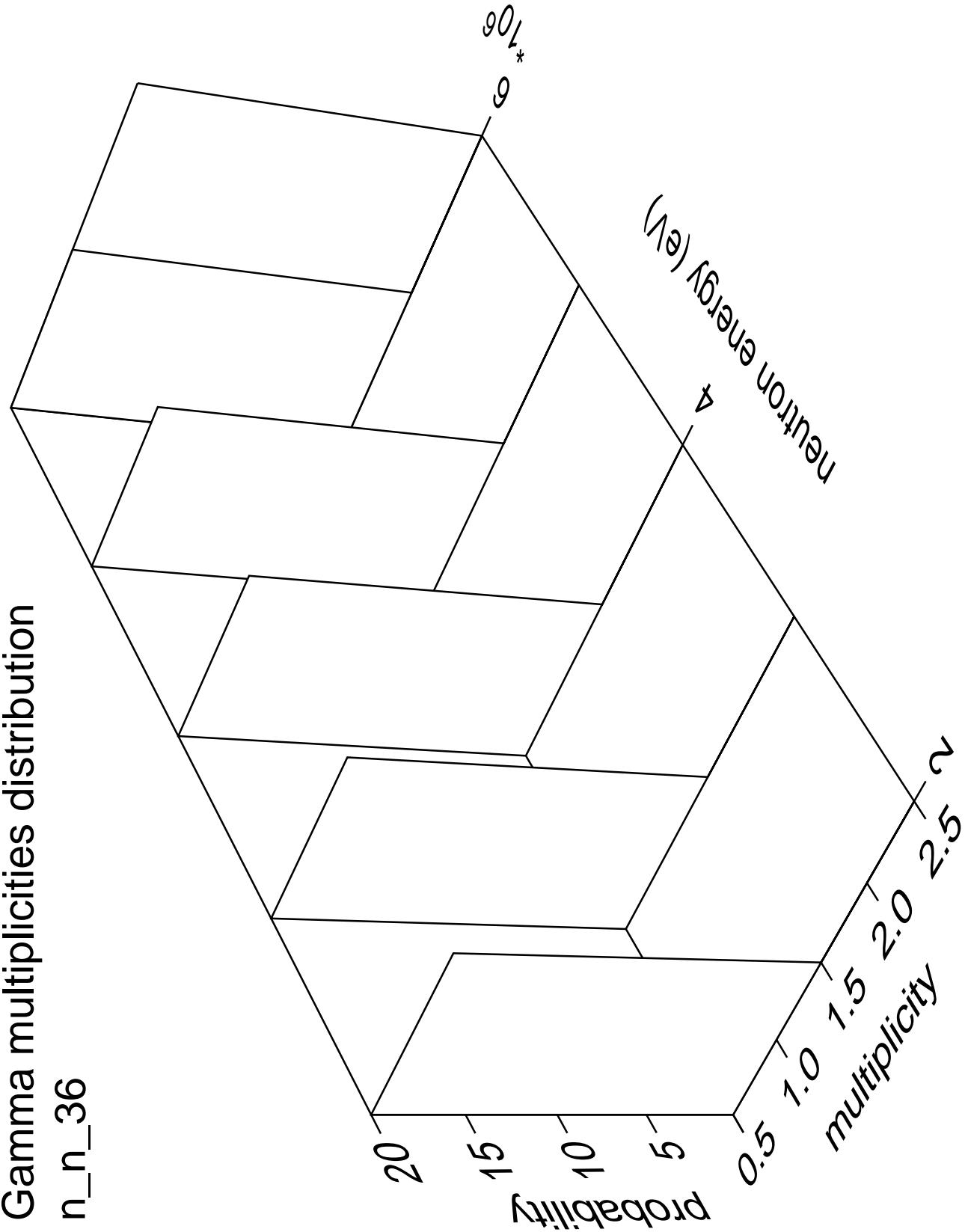


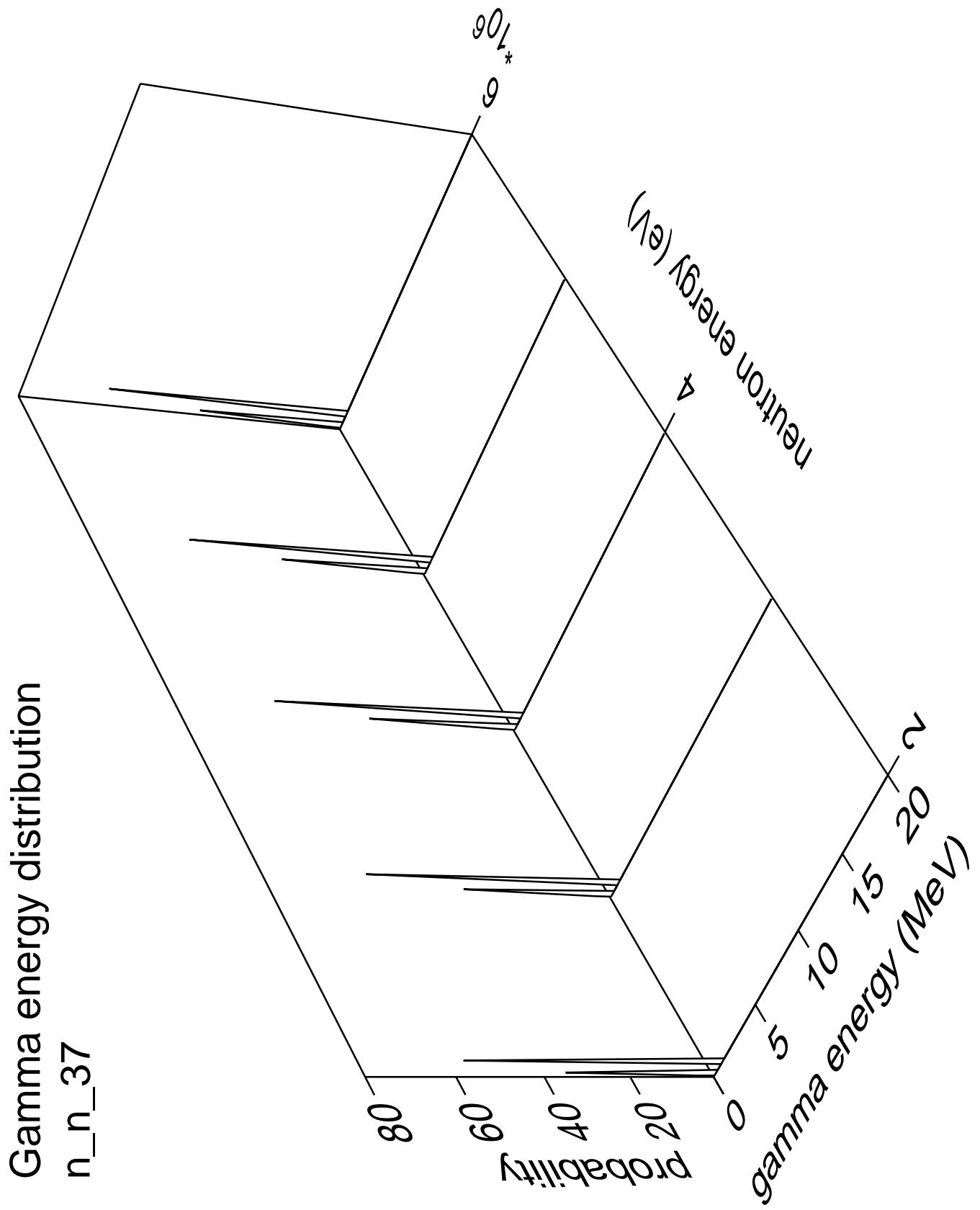
Gamma angles distribution
n_n_36



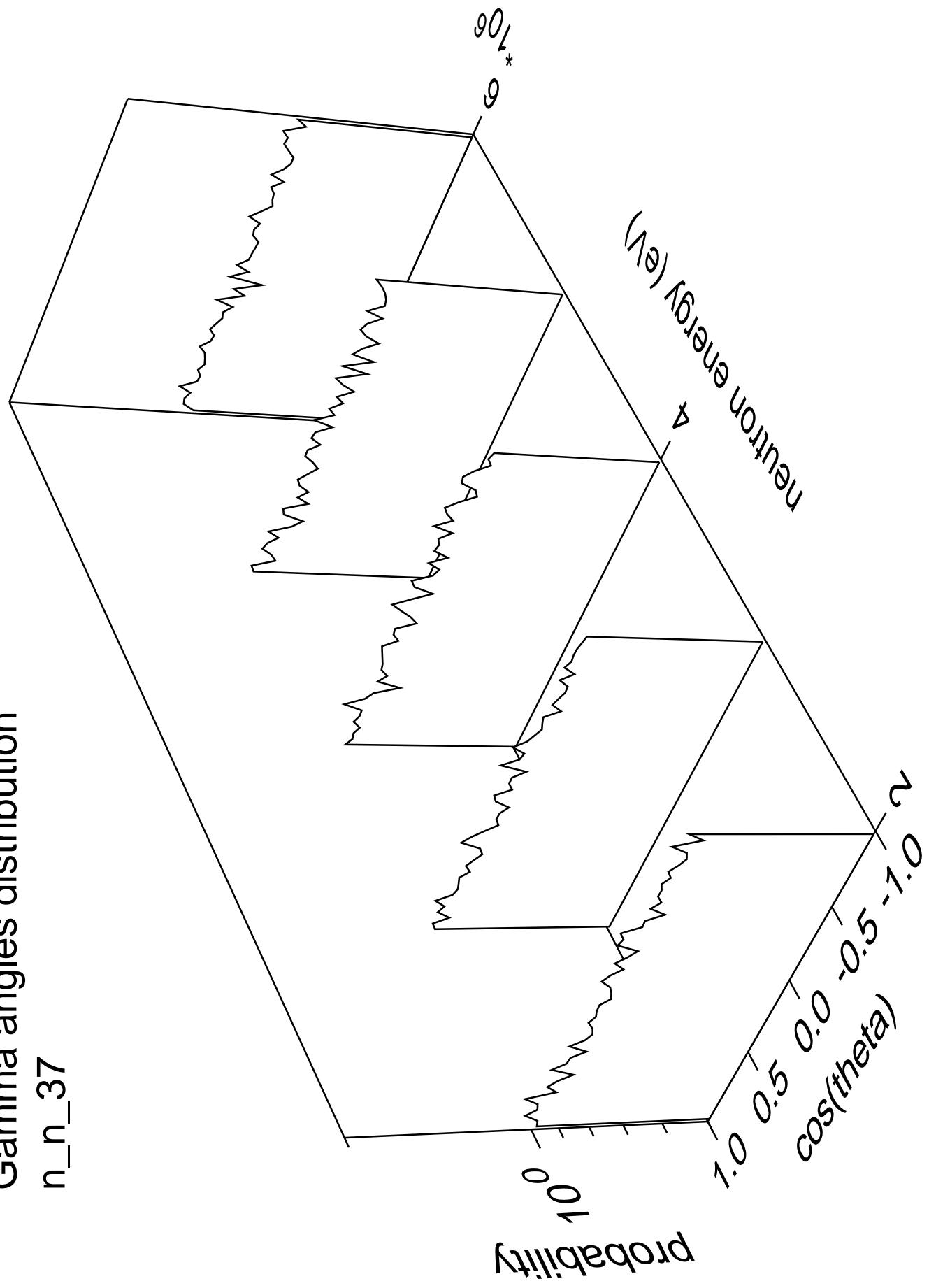
Gamma multiplicities distribution

n_n_36

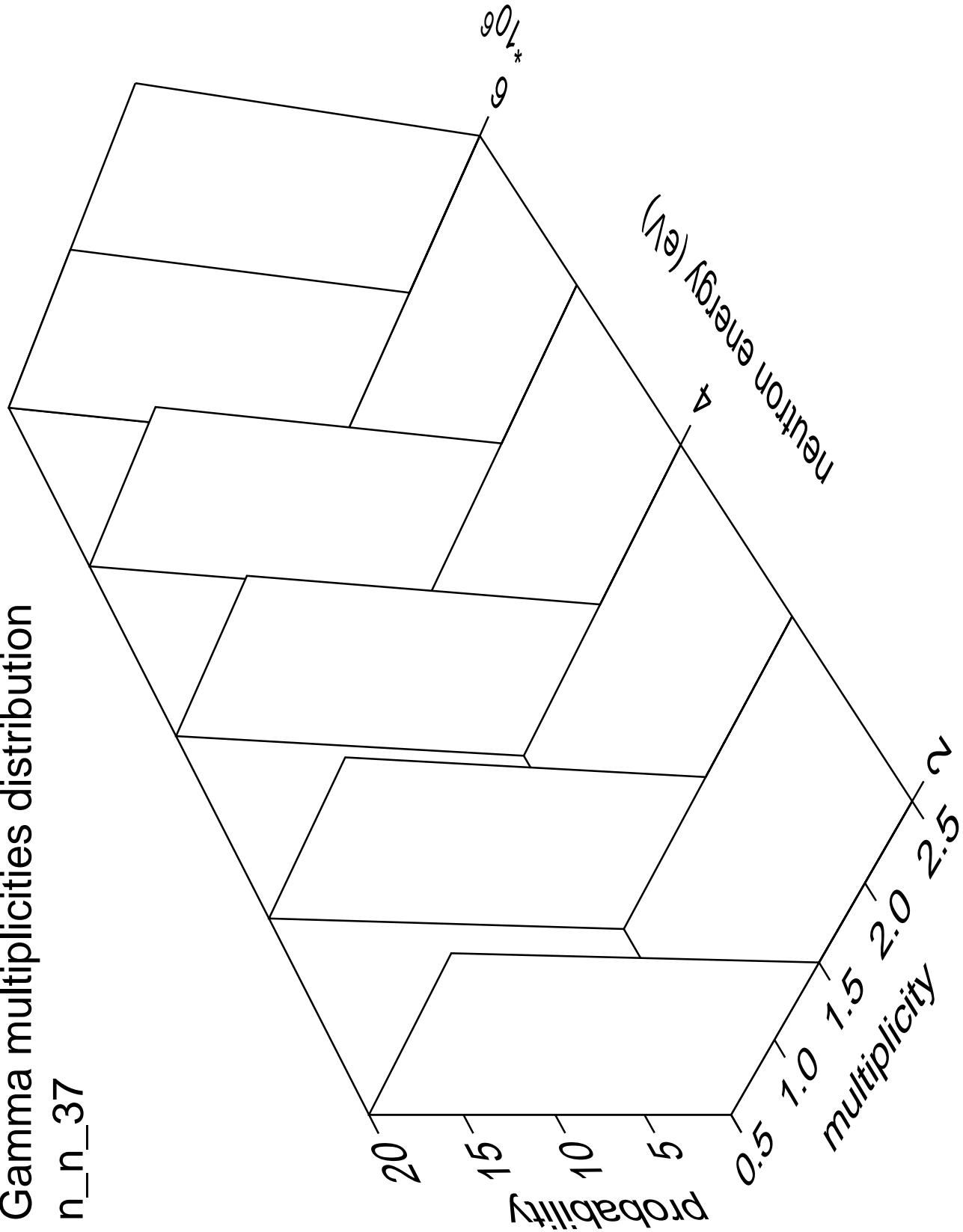




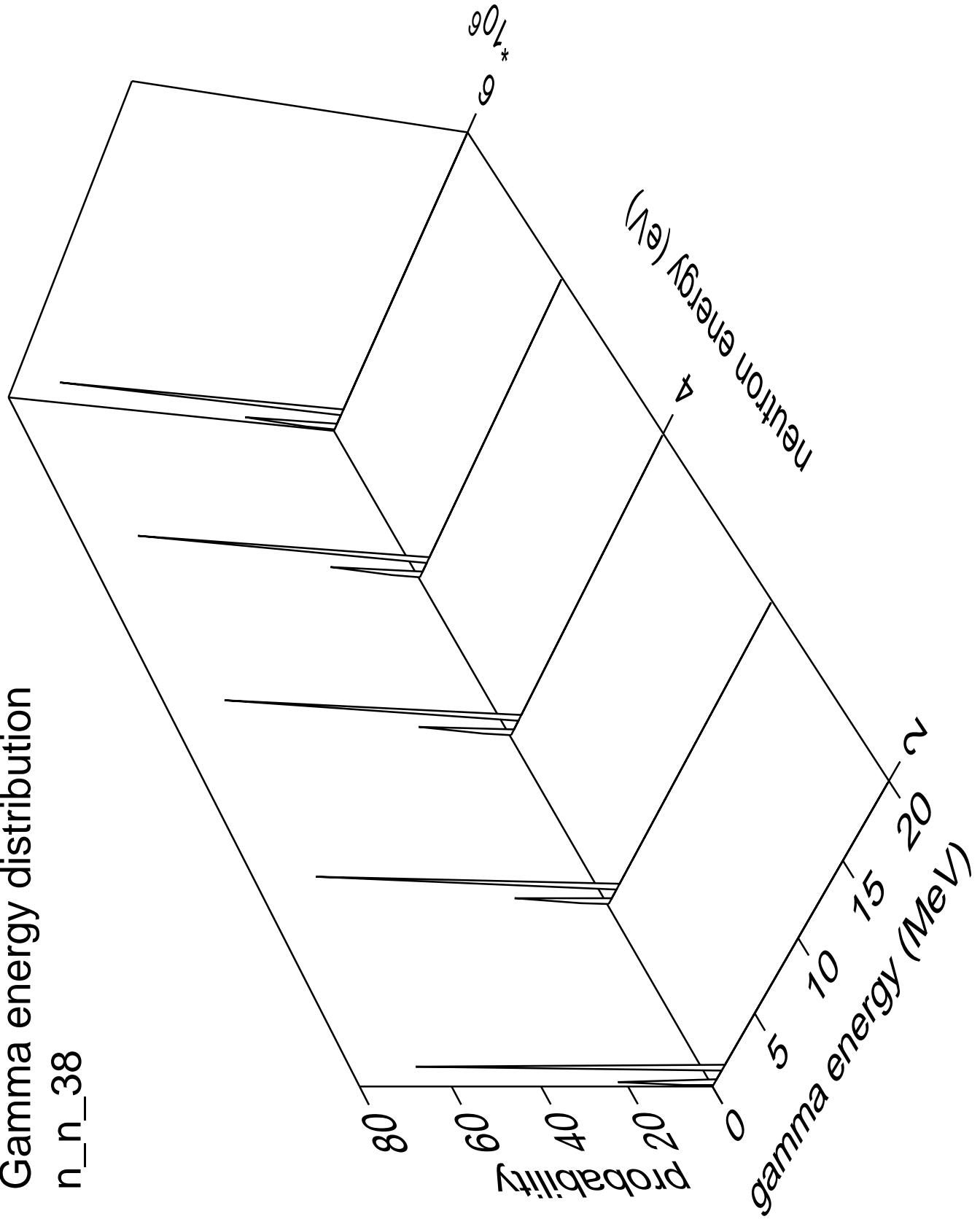
Gamma angles distribution
n_n_37



Gamma multiplicities distribution n_n_37

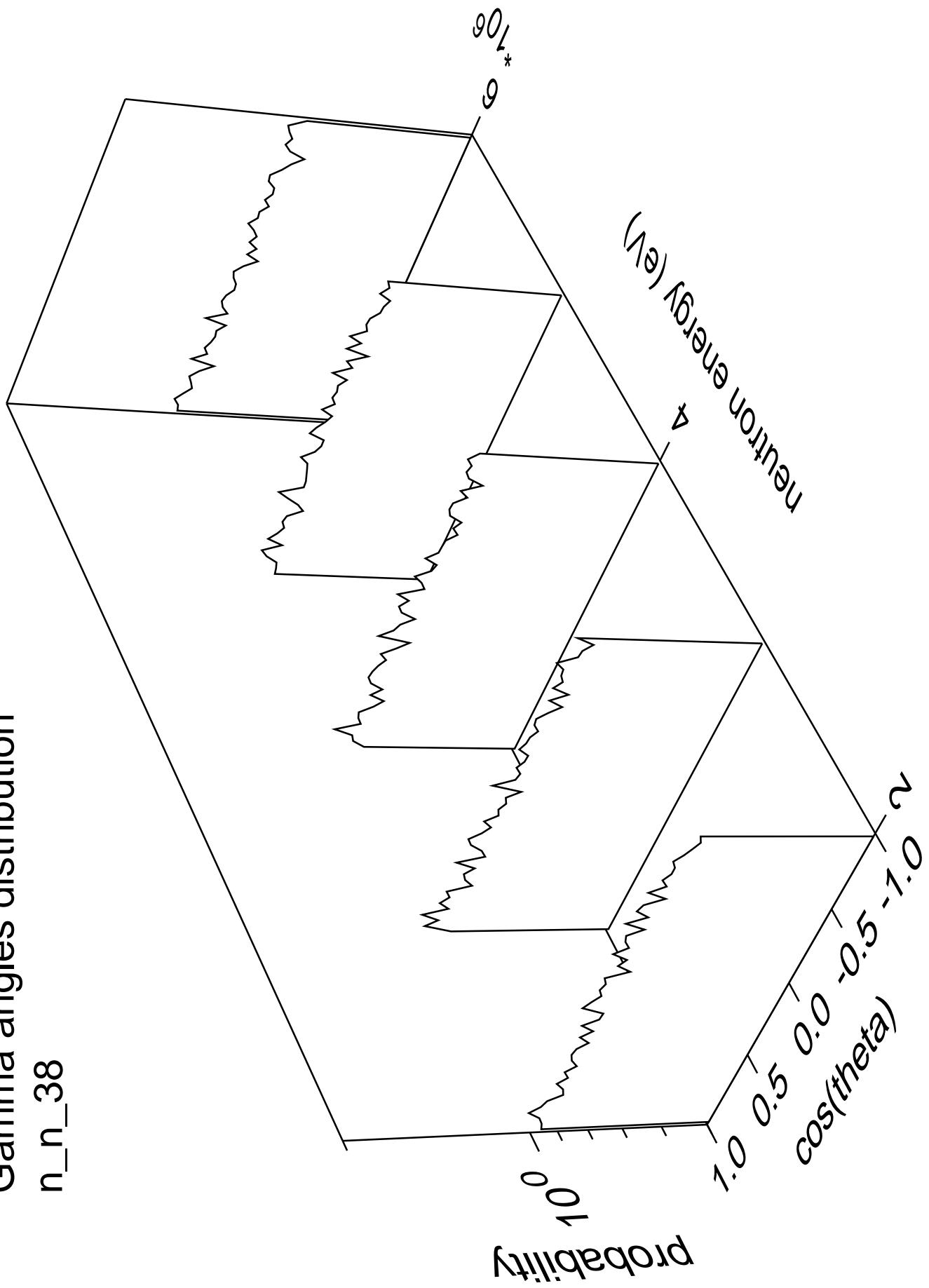


Gamma energy distribution
n_n_38



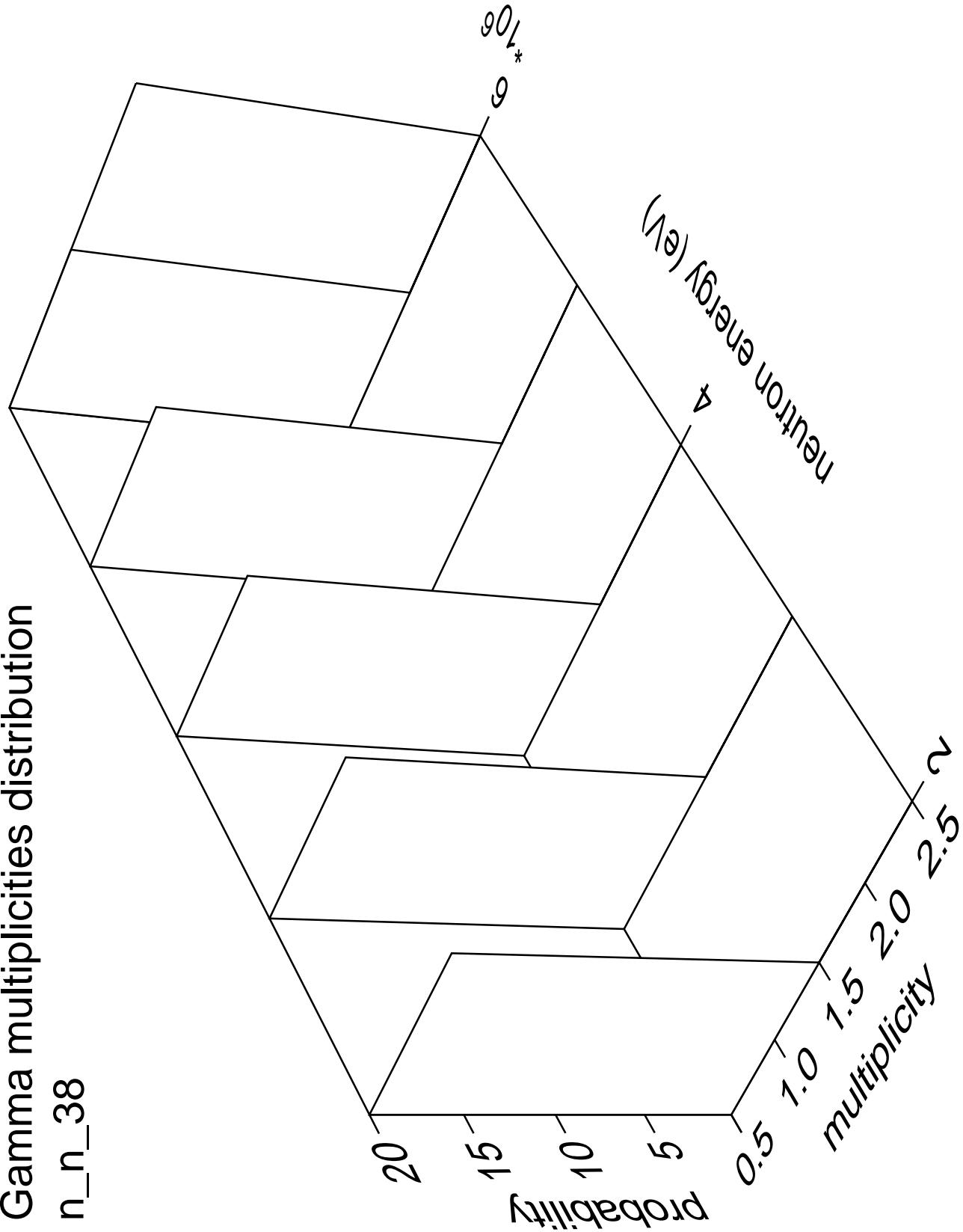
Gamma angles distribution

n_n_38

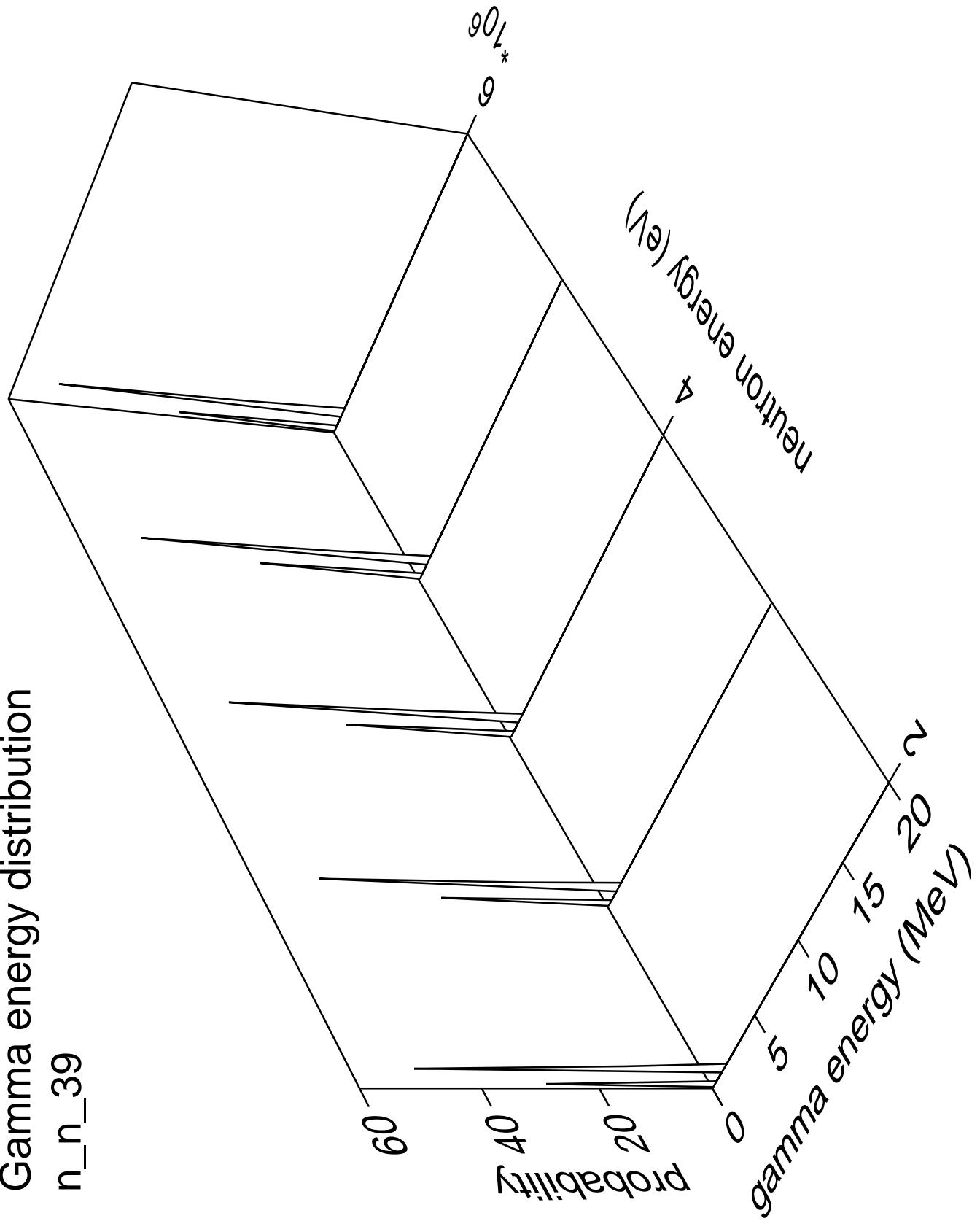


Gamma multiplicities distribution

n_n_38

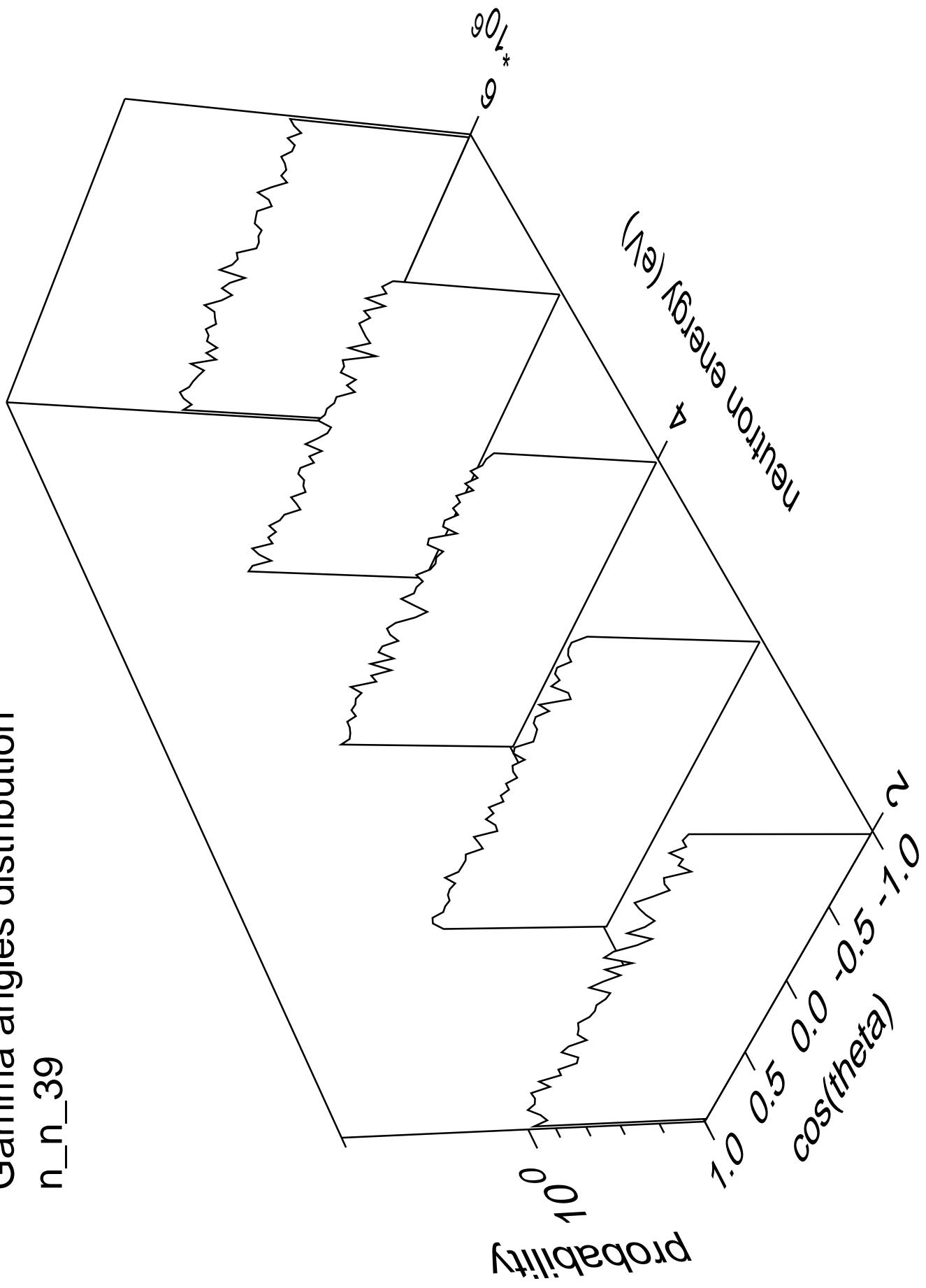


Gamma energy distribution n_n_39



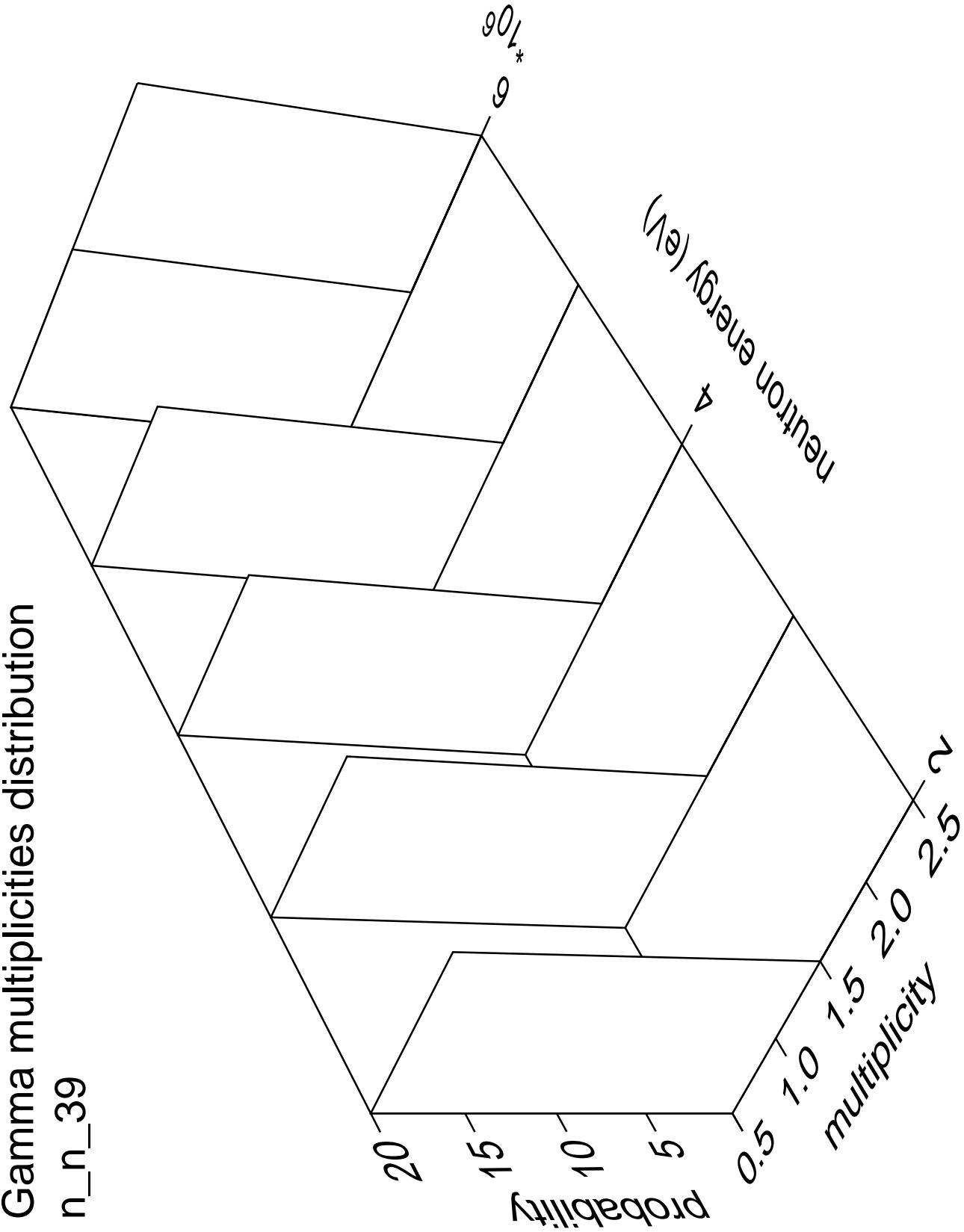
Gamma angles distribution

n_n_39

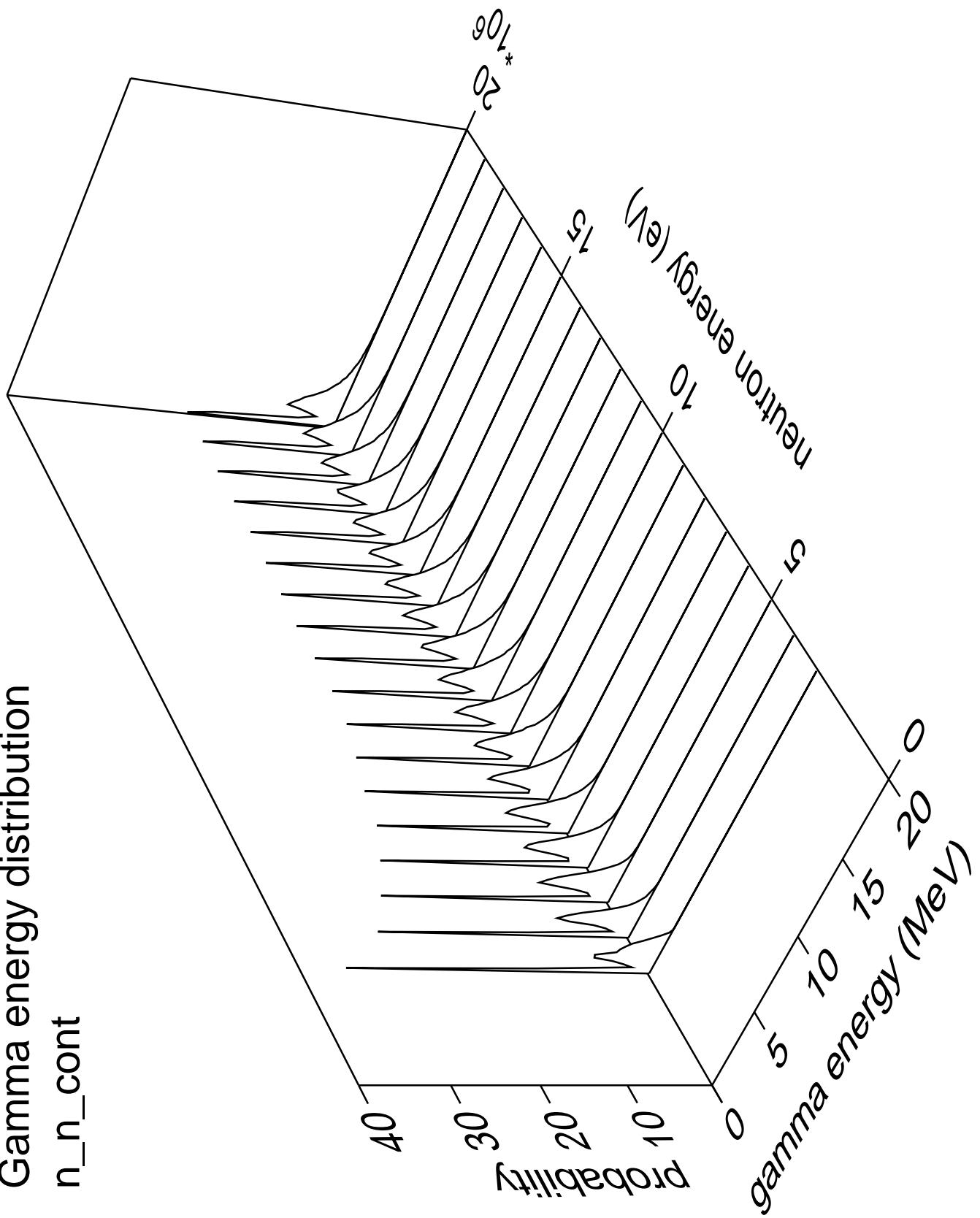


Gamma multiplicities distribution

n_n_39

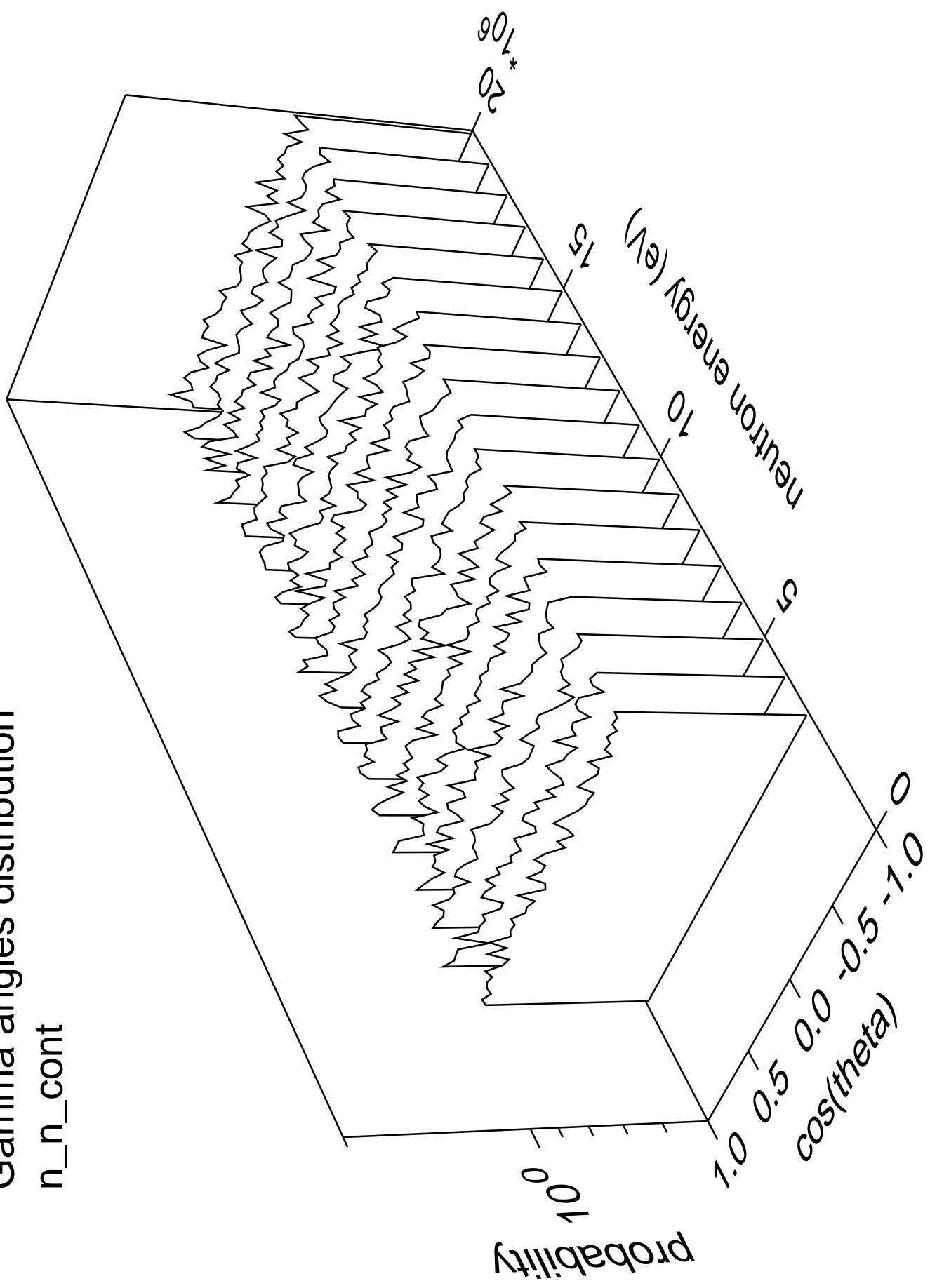


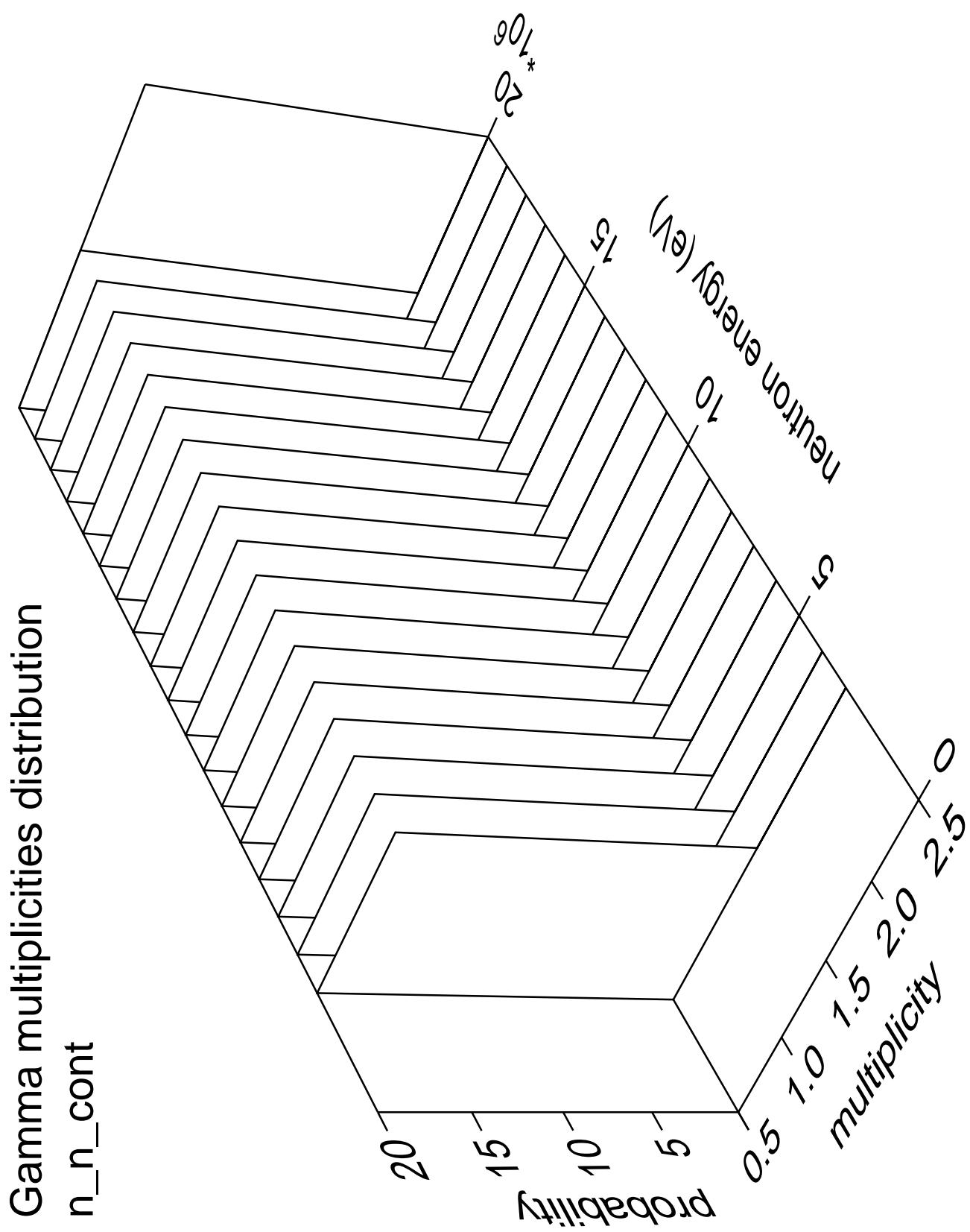
Gamma energy distribution n_n_cont

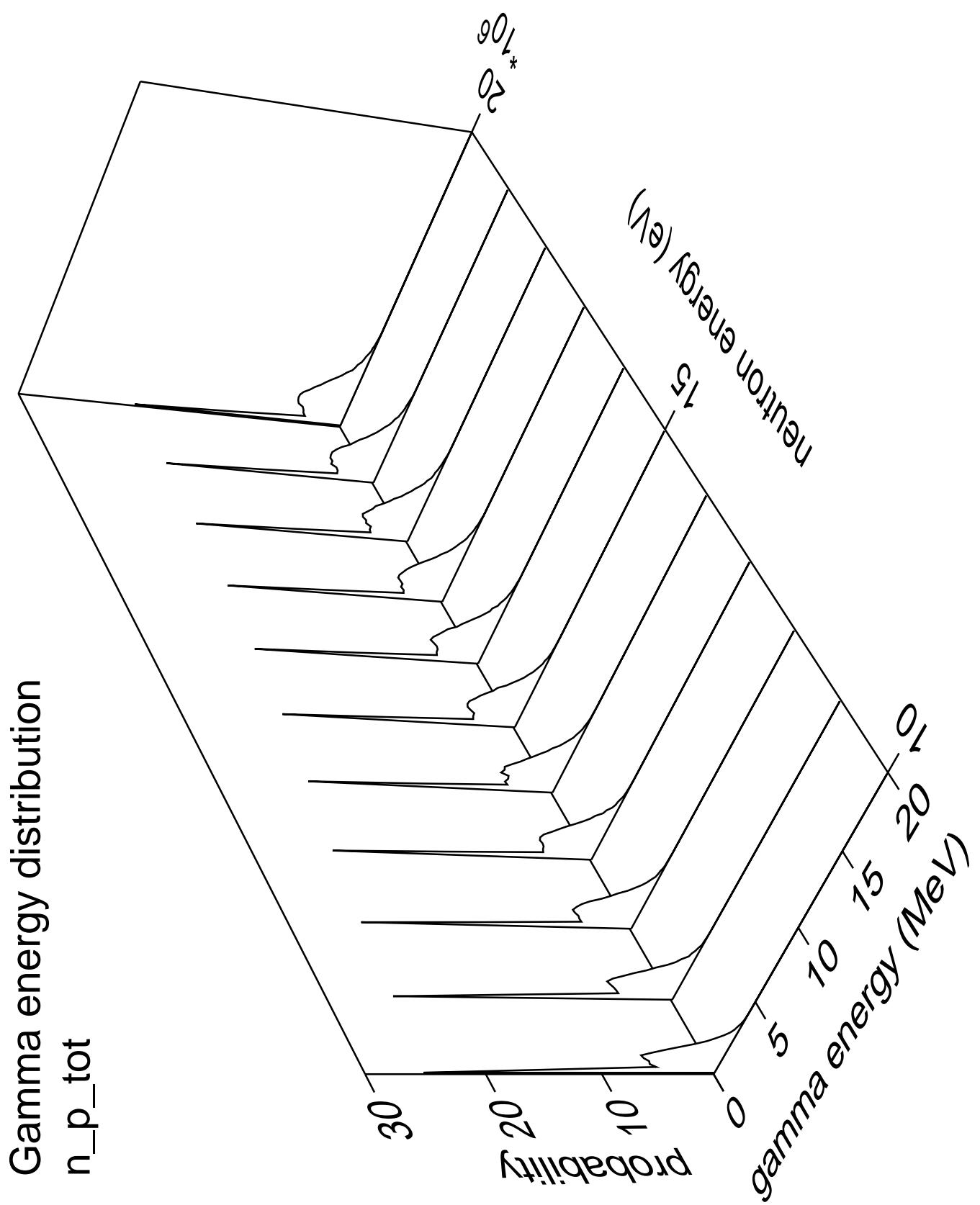


Gamma angles distribution

n_n_cont





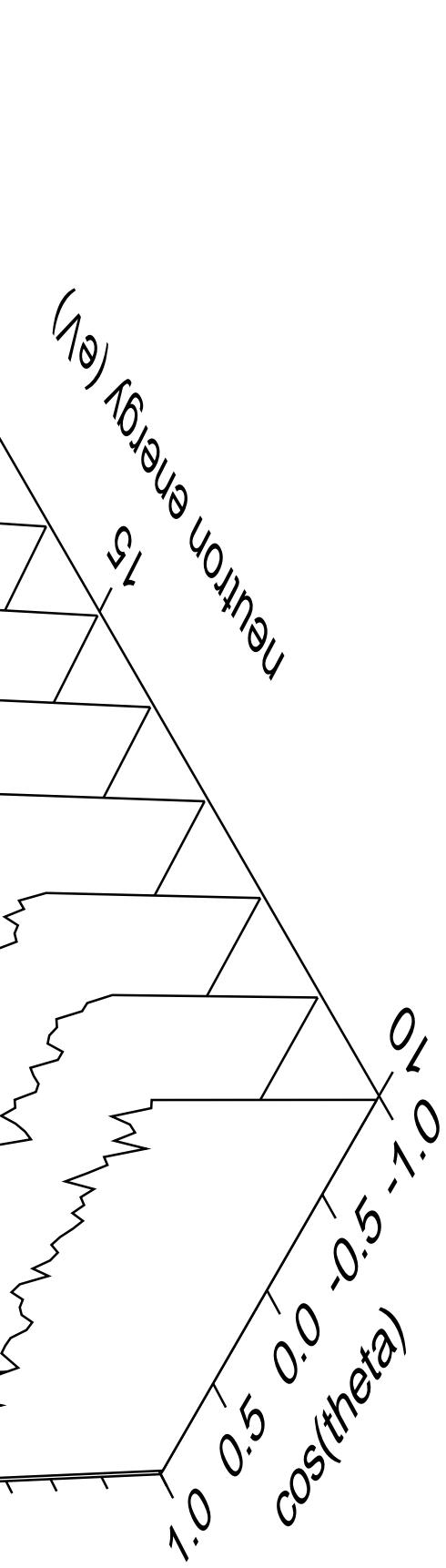


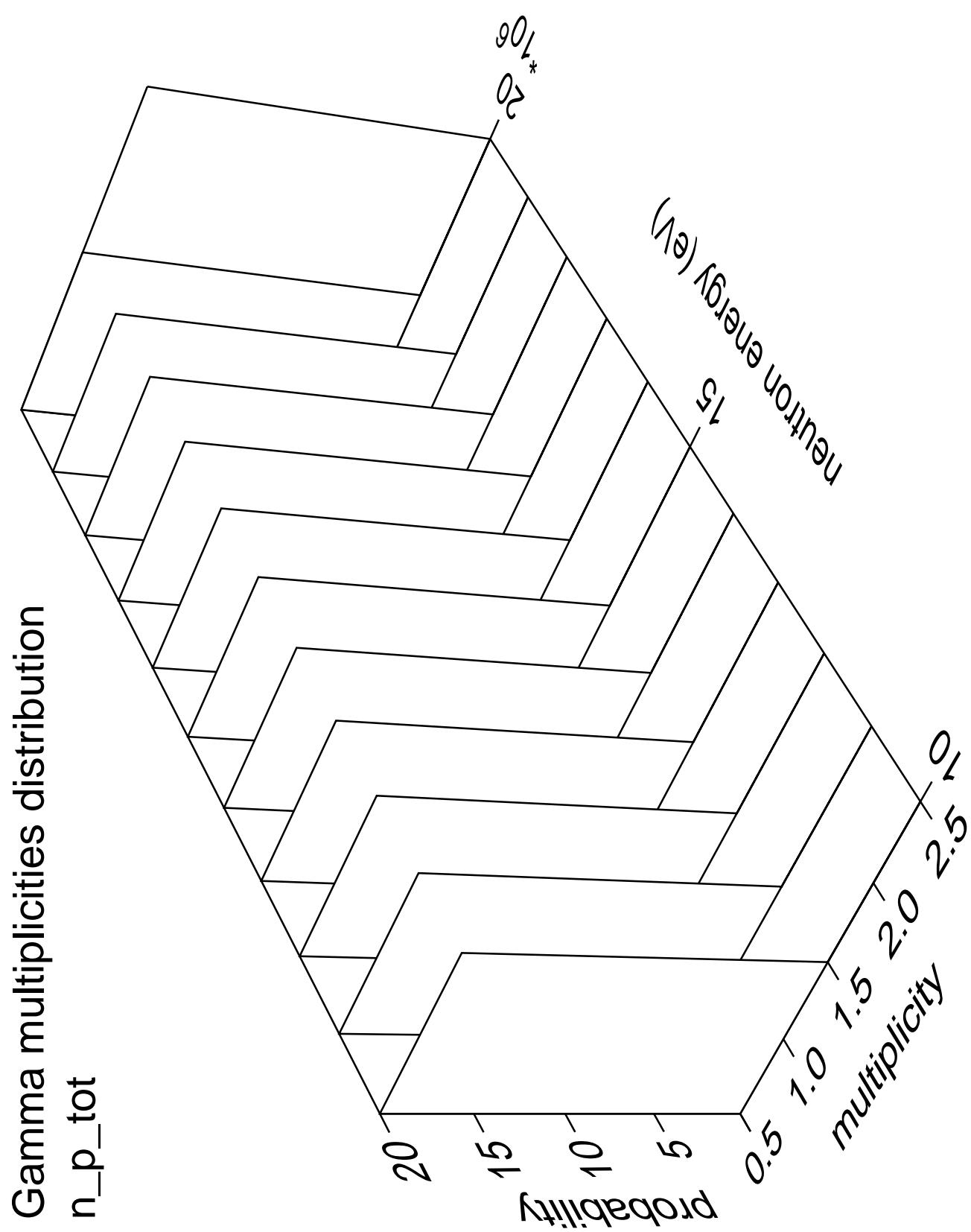
Gamma angles distribution

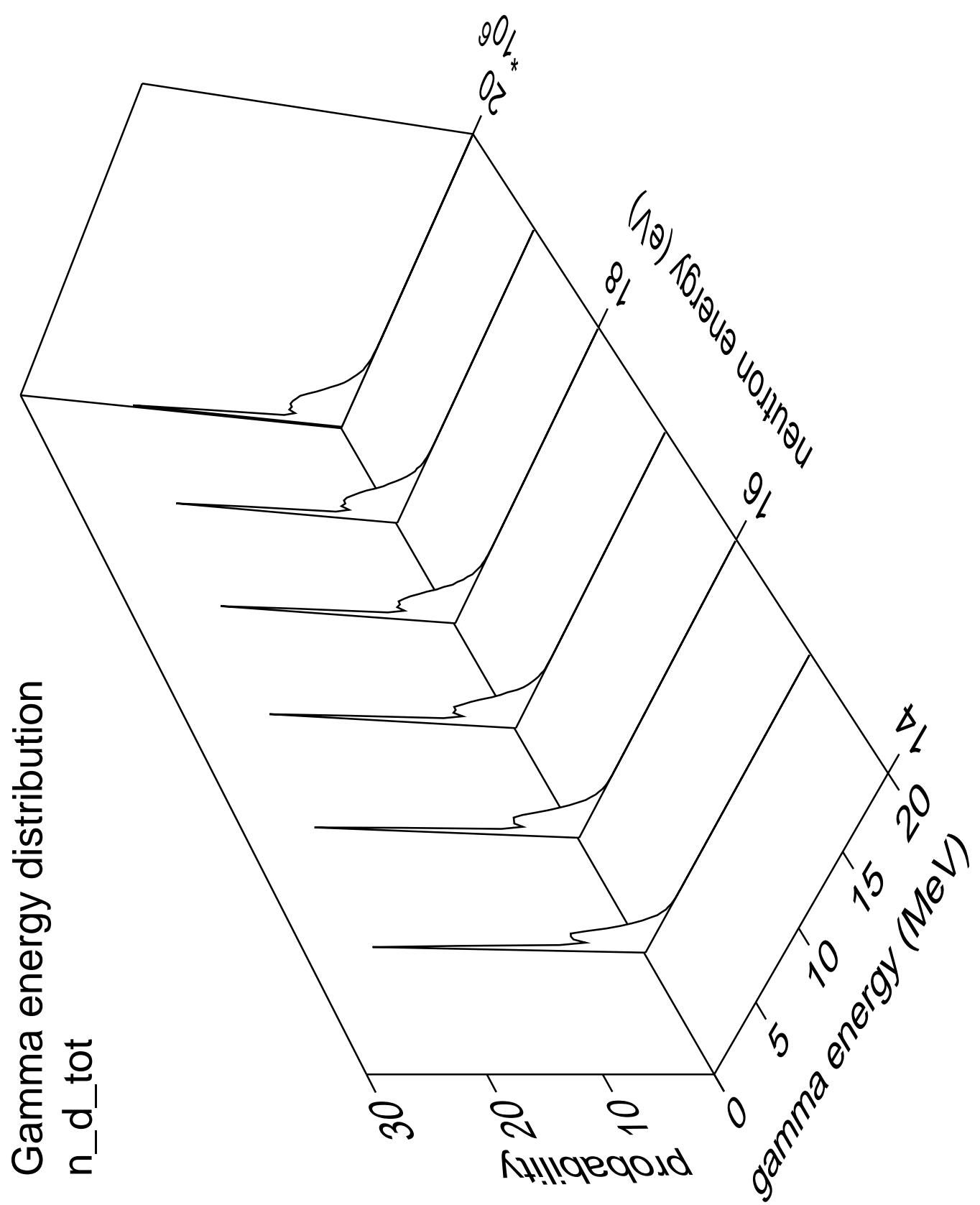
n_p_{tot}

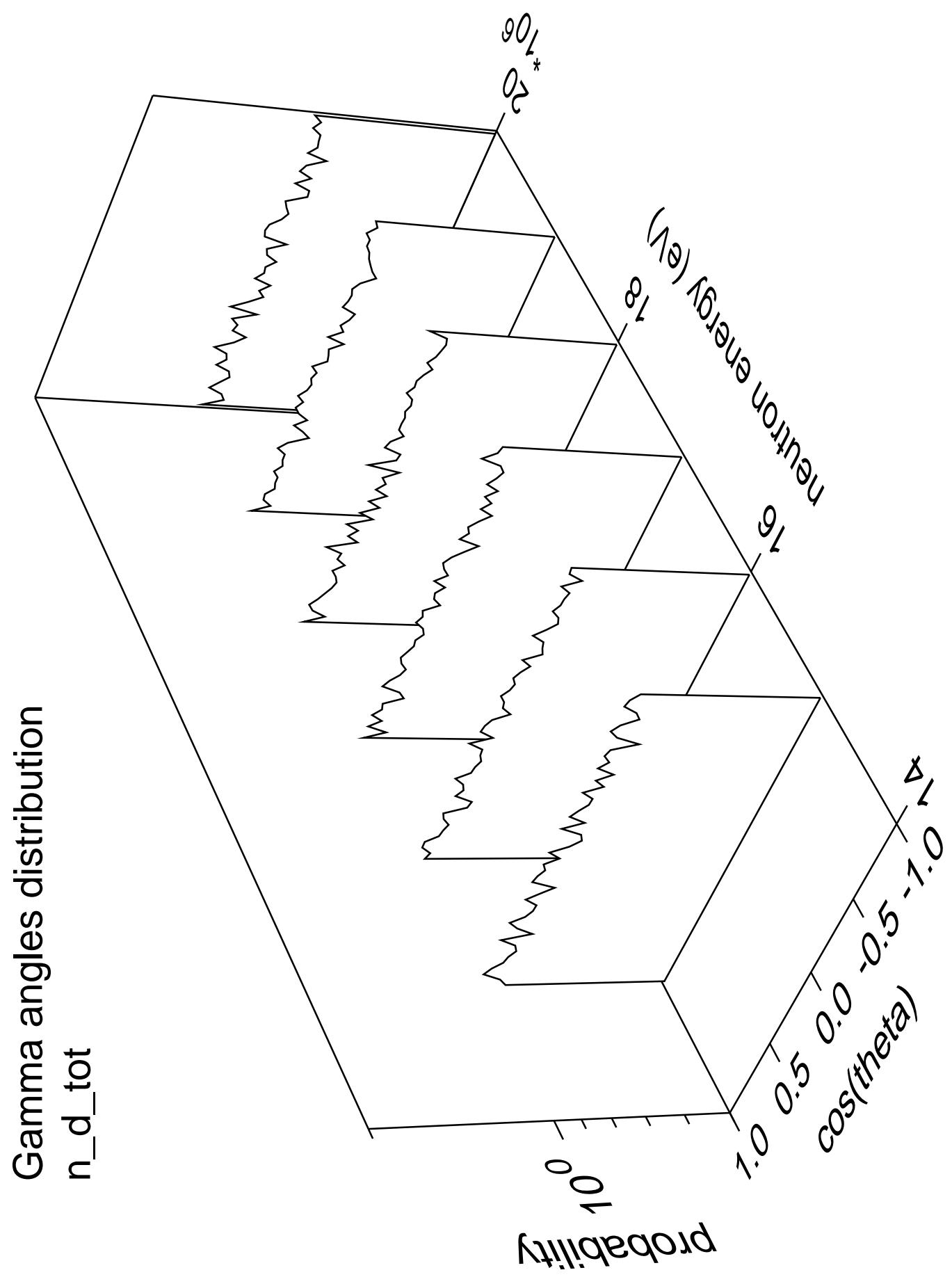
Probability

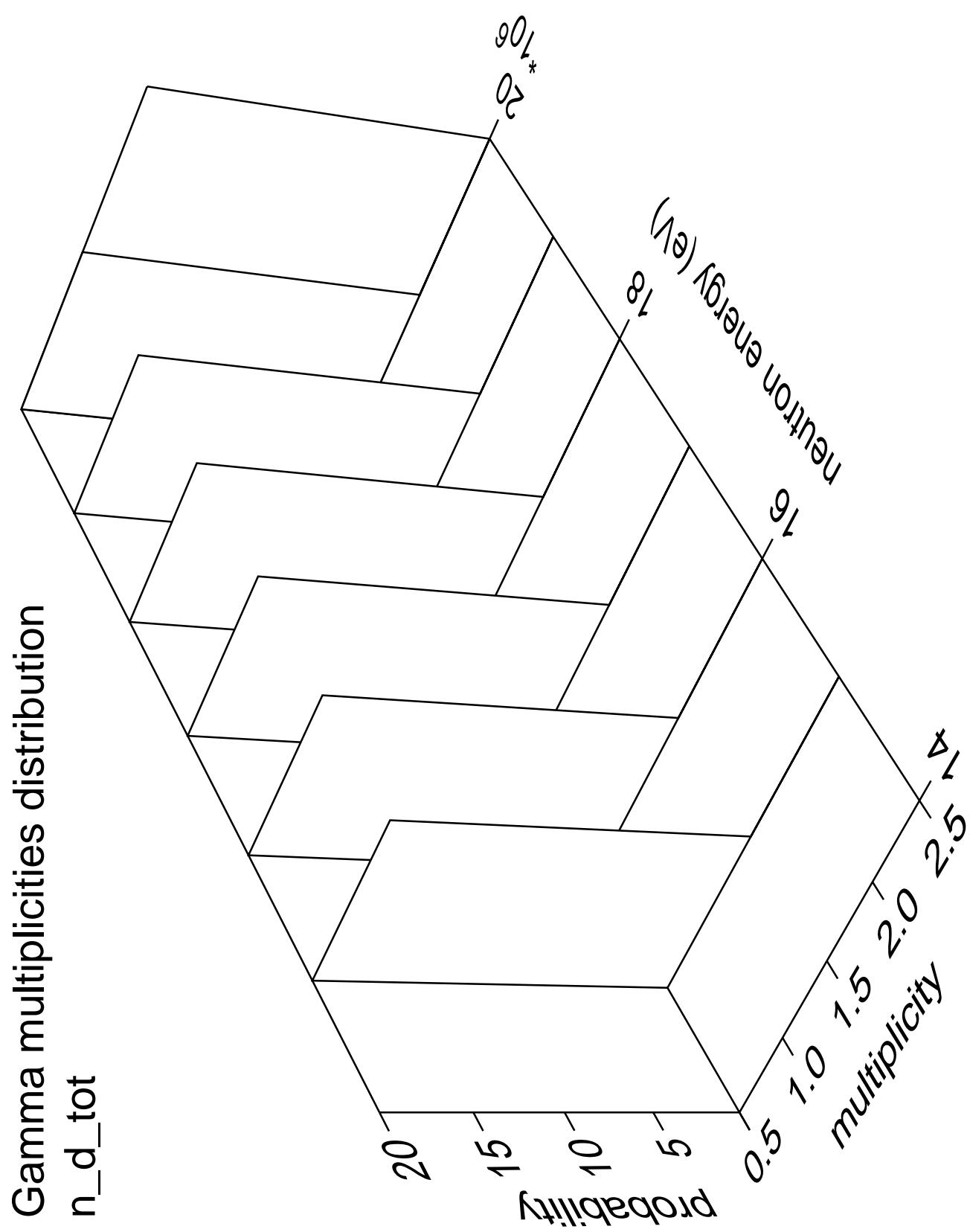
10^0



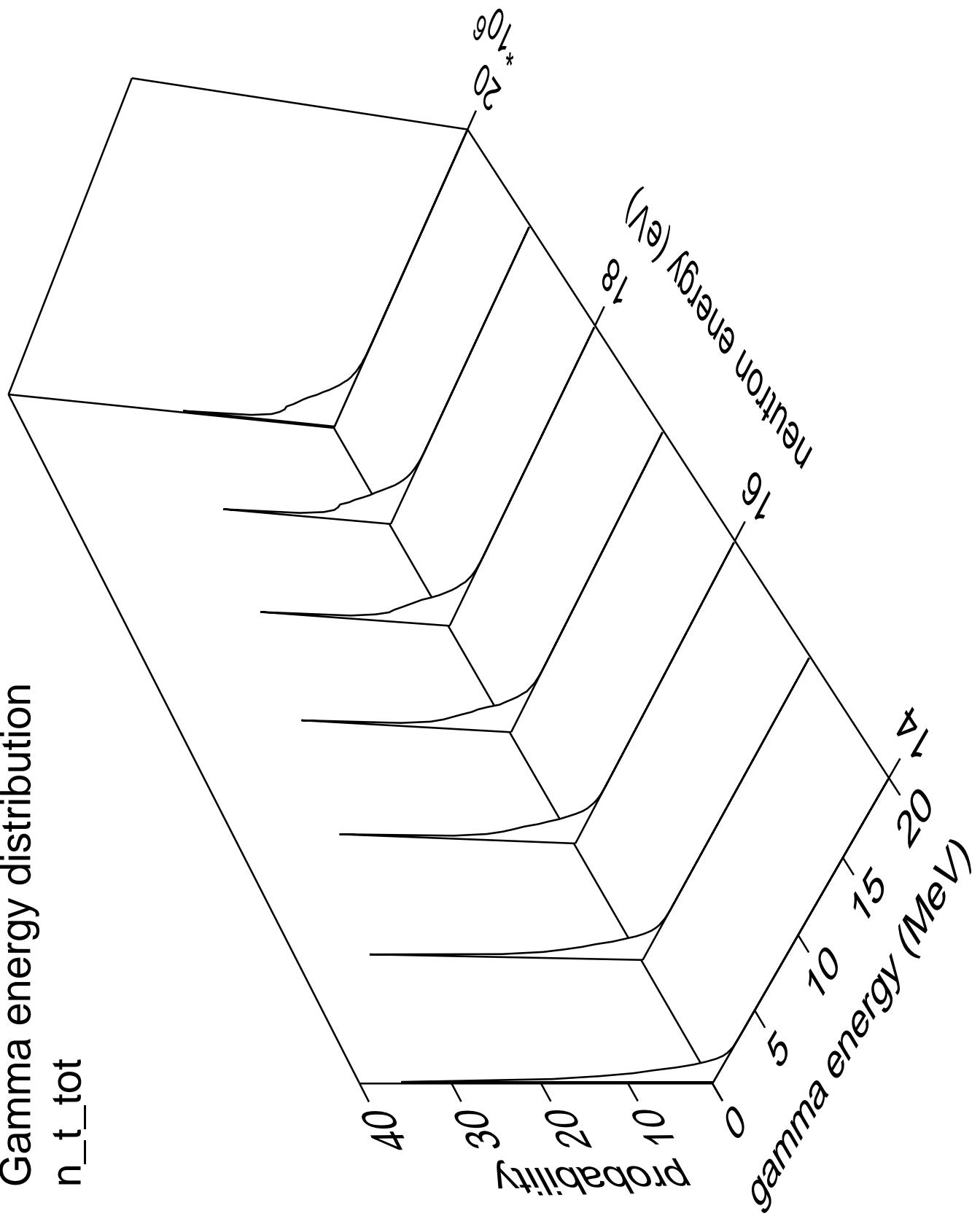








Gamma energy distribution
 n_t_{tot}



Gamma angles distribution

n_t_{tot}

Probability

10^0

Neutron energy (eV)

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}

10^{21}

10^{22}

10^{23}

$\cos(\theta)$

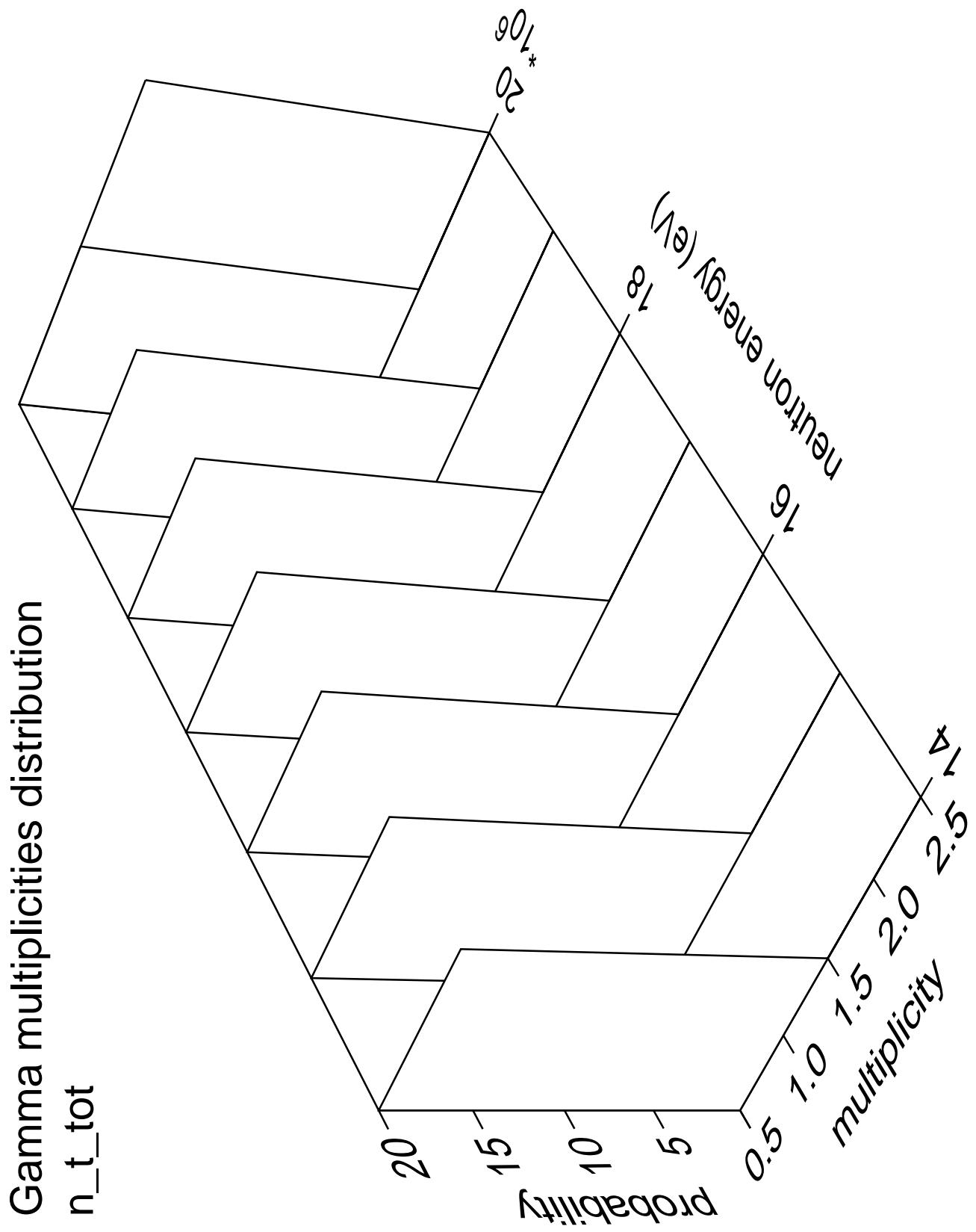
1.0

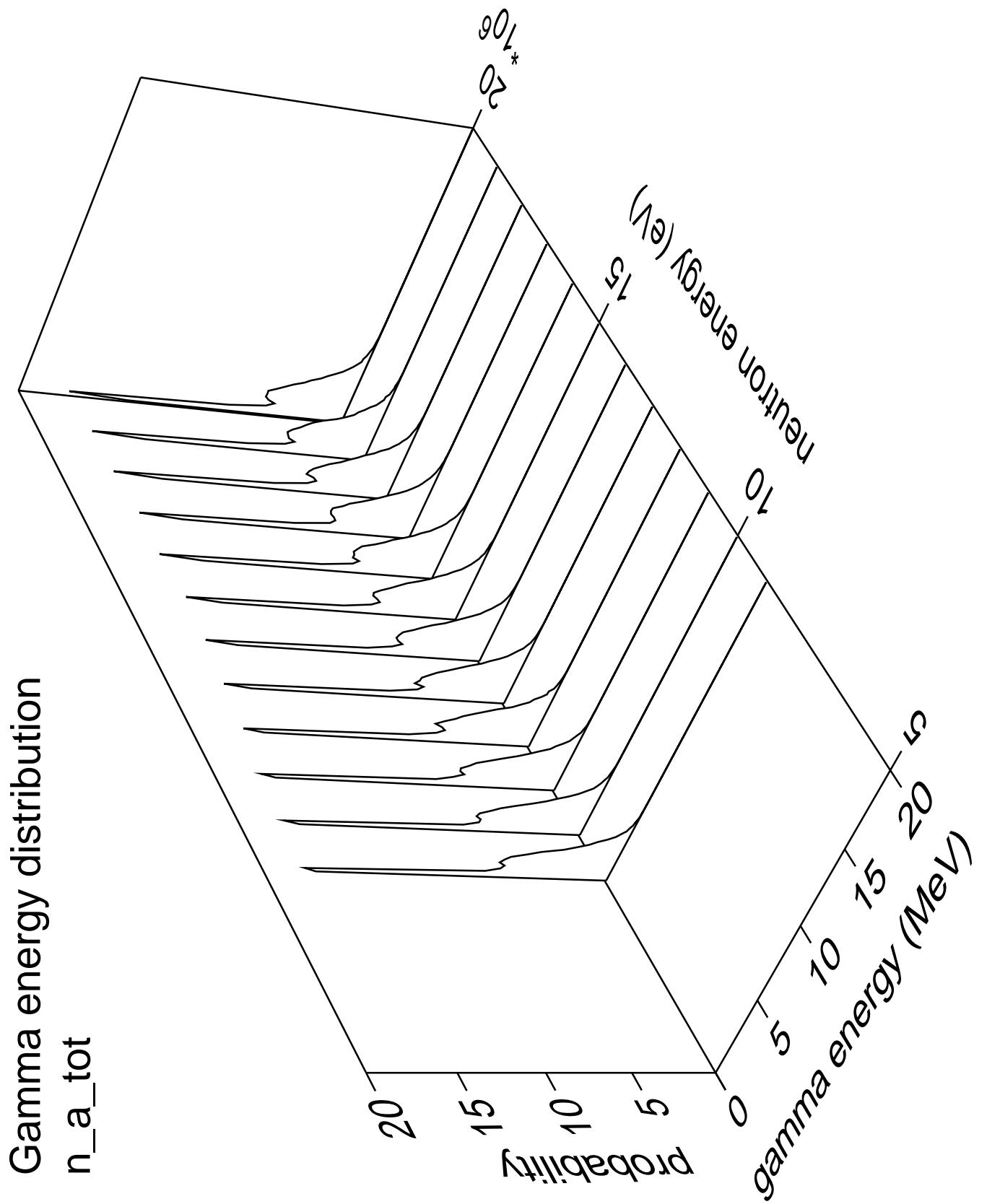
0.5

0.0

-0.5

-1.0





Gamma angles distribution

n_a_{tot}

Probability

10^0

10^1

10^2

10^3

10^4

10^5

10^6

1.0

0.5

0.0

-0.5

-1.0

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

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}

10^{-6}

10^{-7}

10^{-8}

10^{-9}

10^{-10}

10^{-11}

10^{-12}

10^{-13}

10^{-14}

10^{-15}

