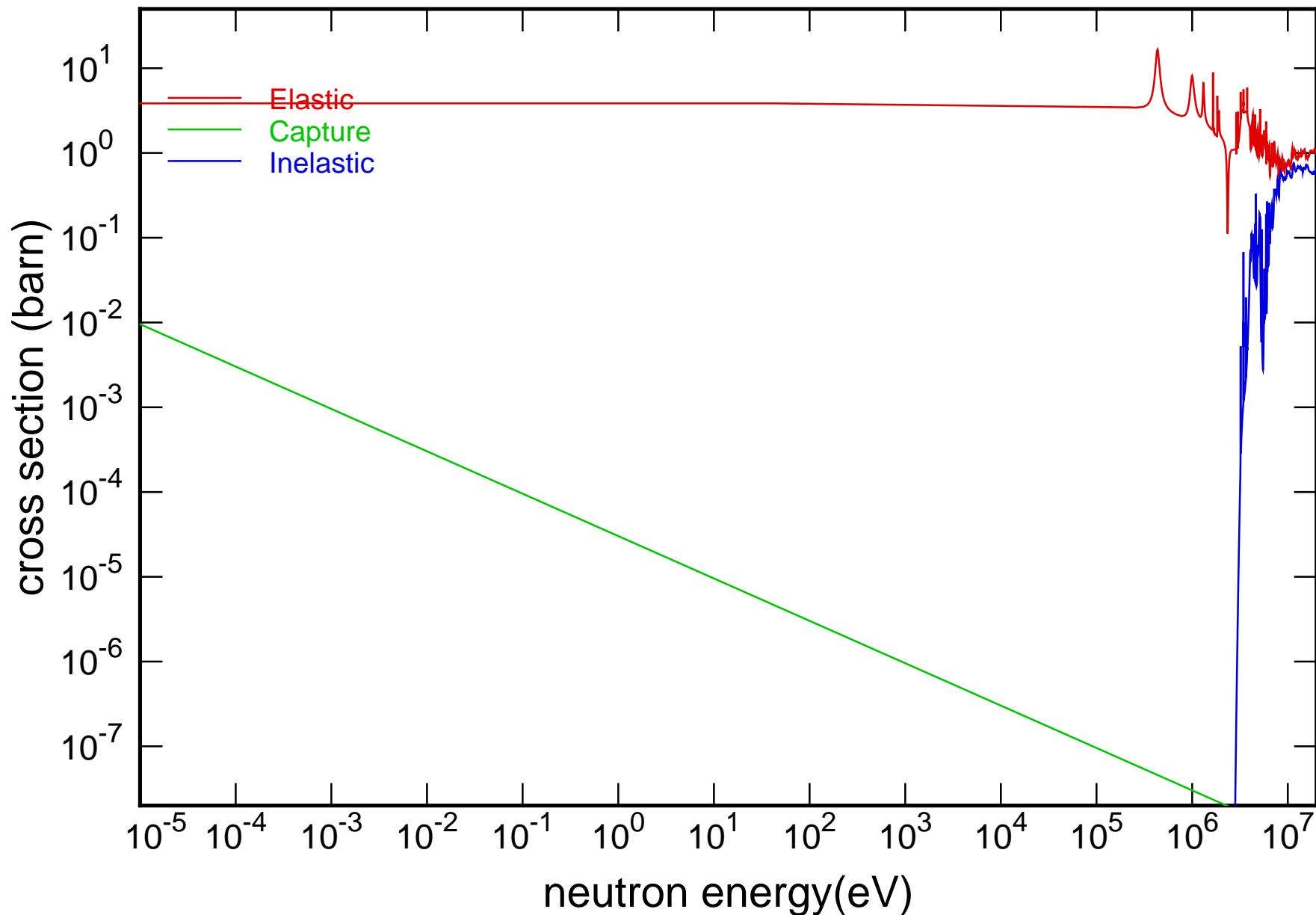
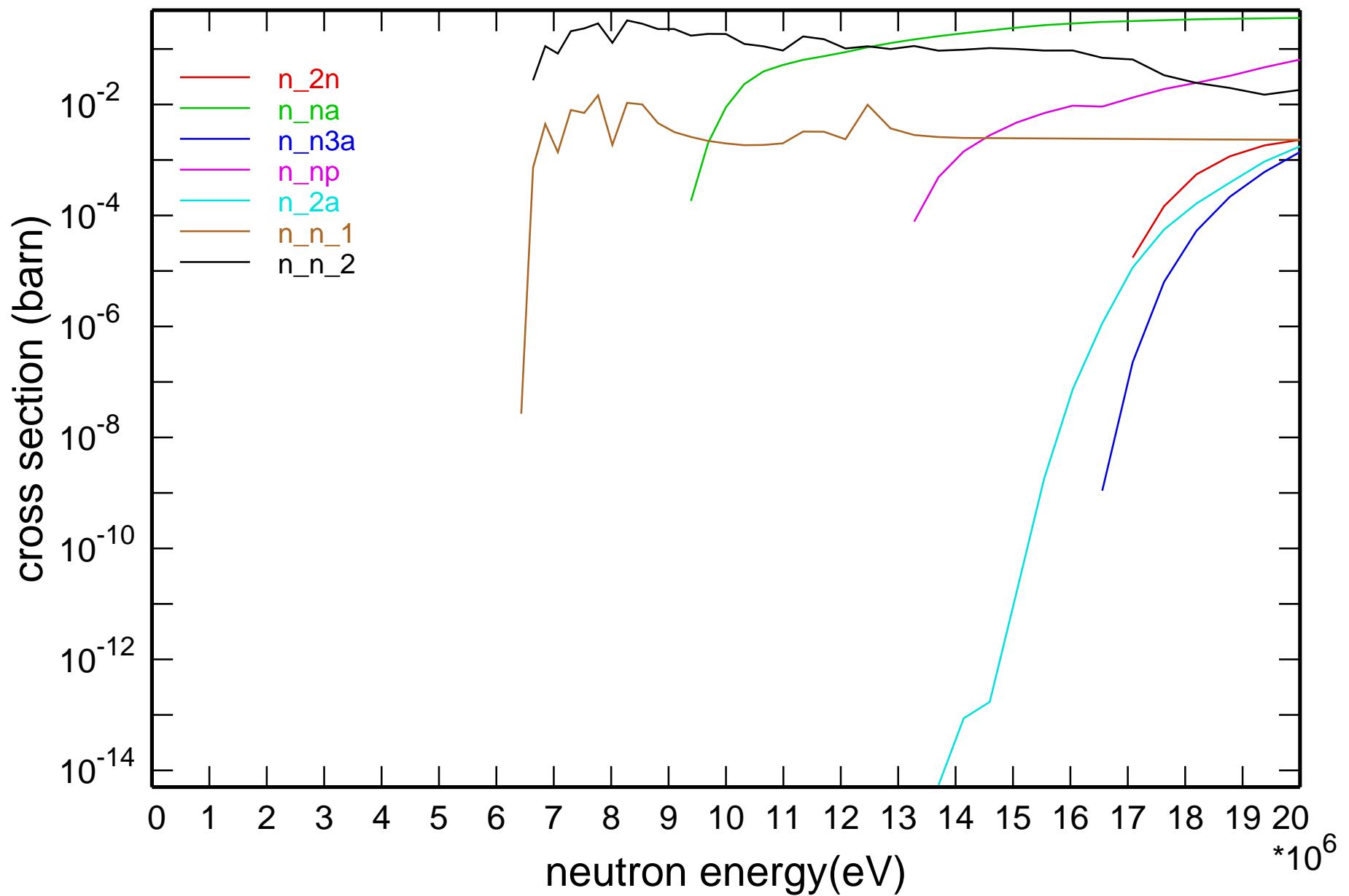


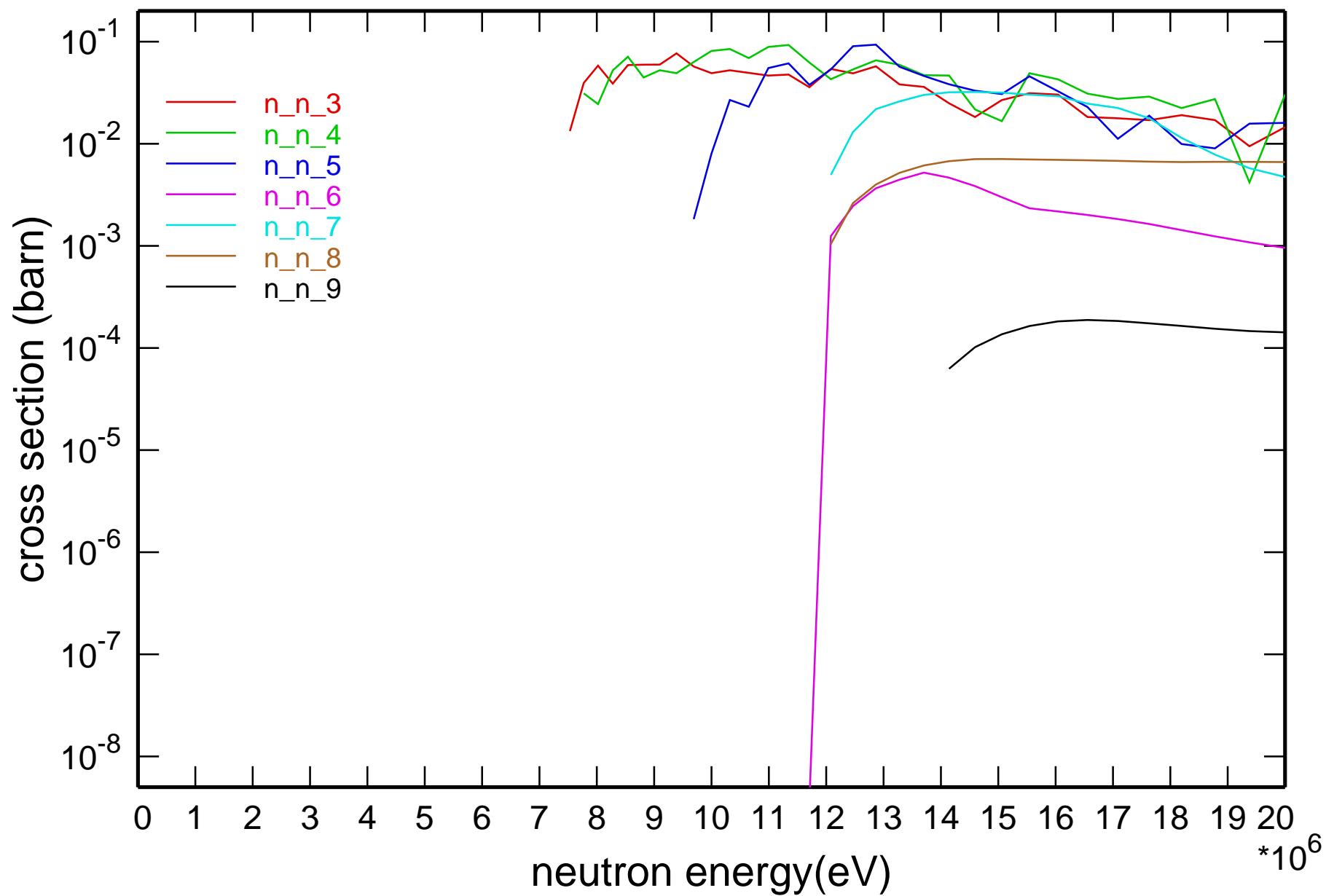
## Main Cross Sections



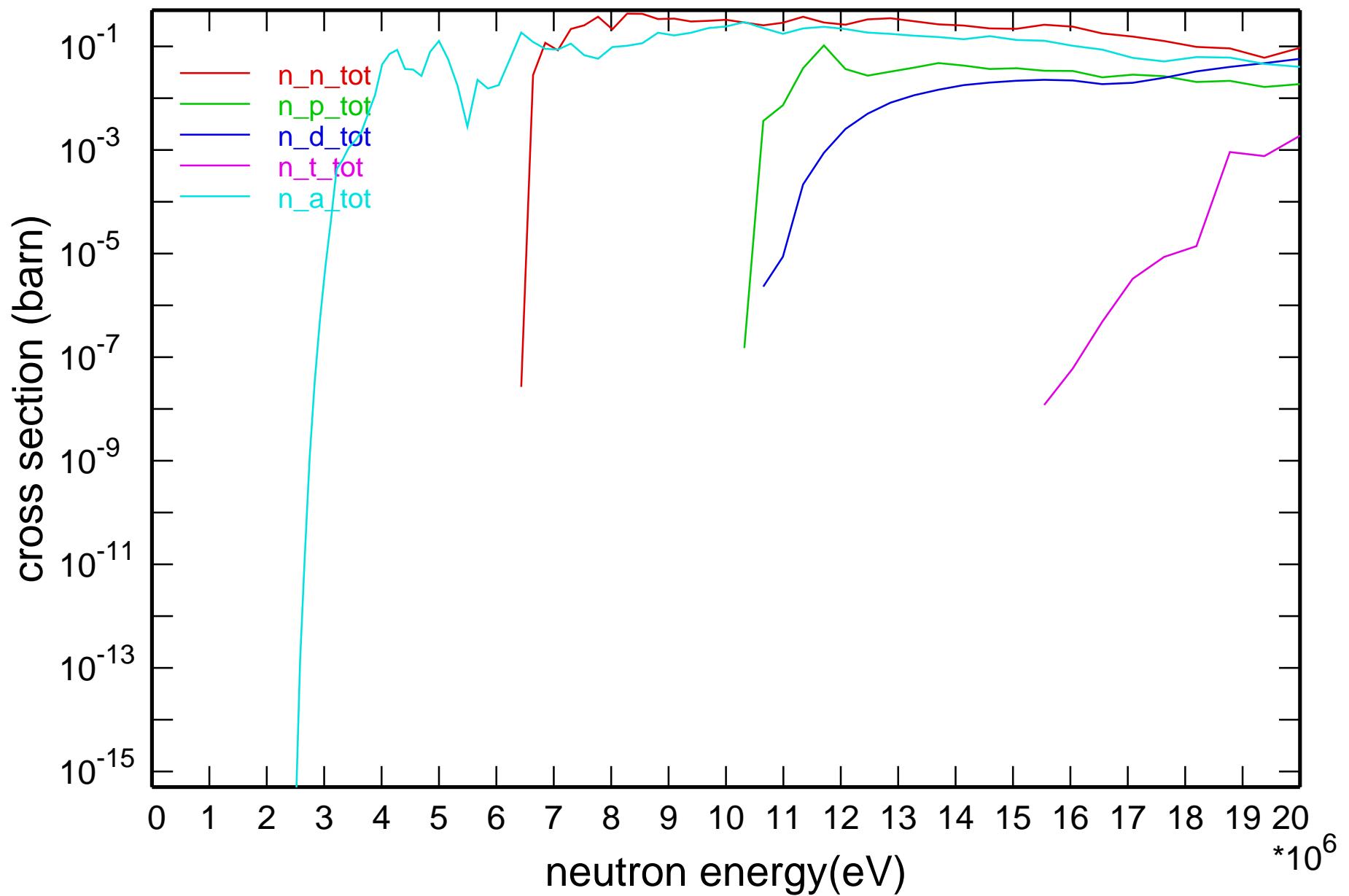
# Cross Section

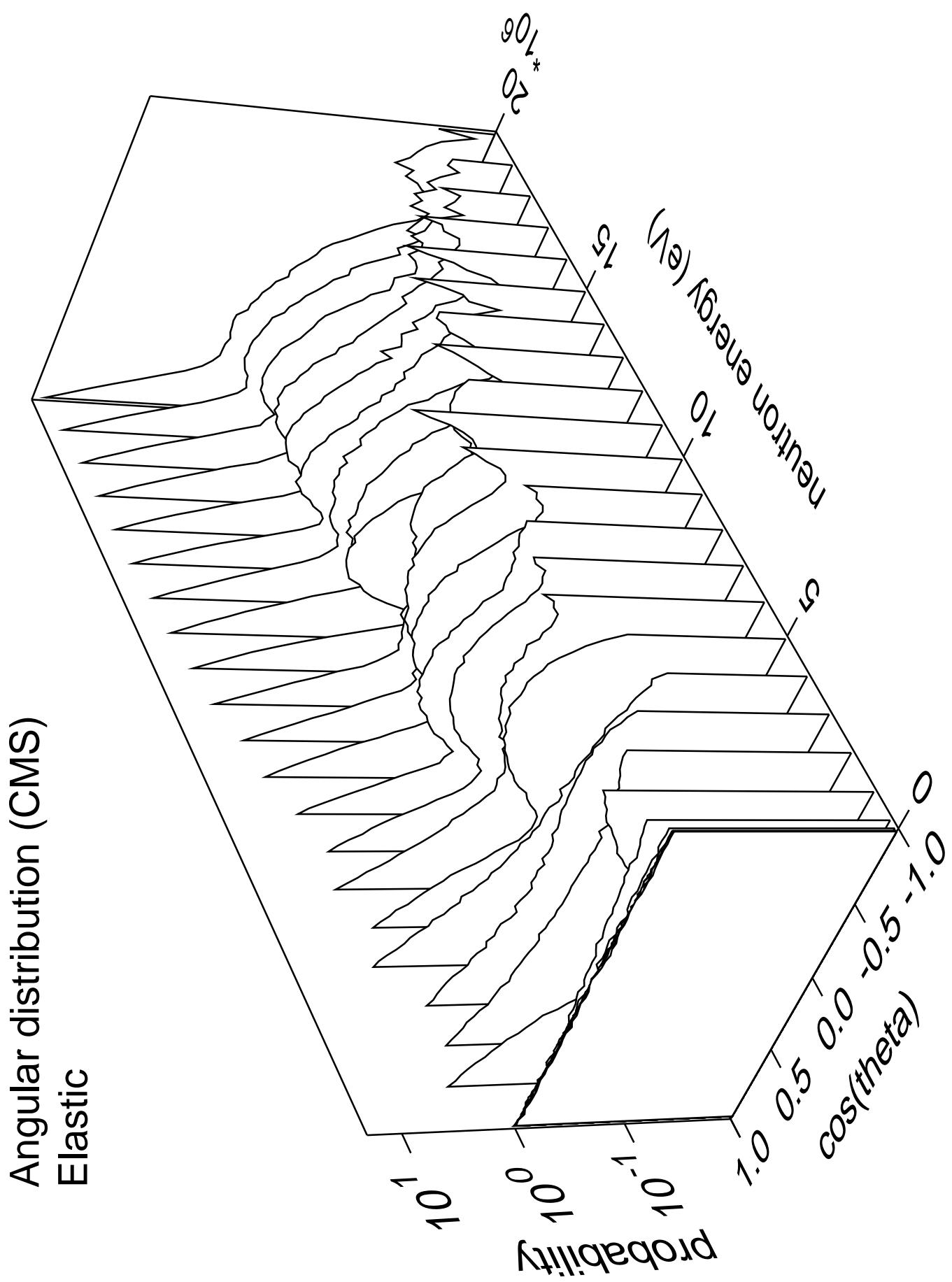


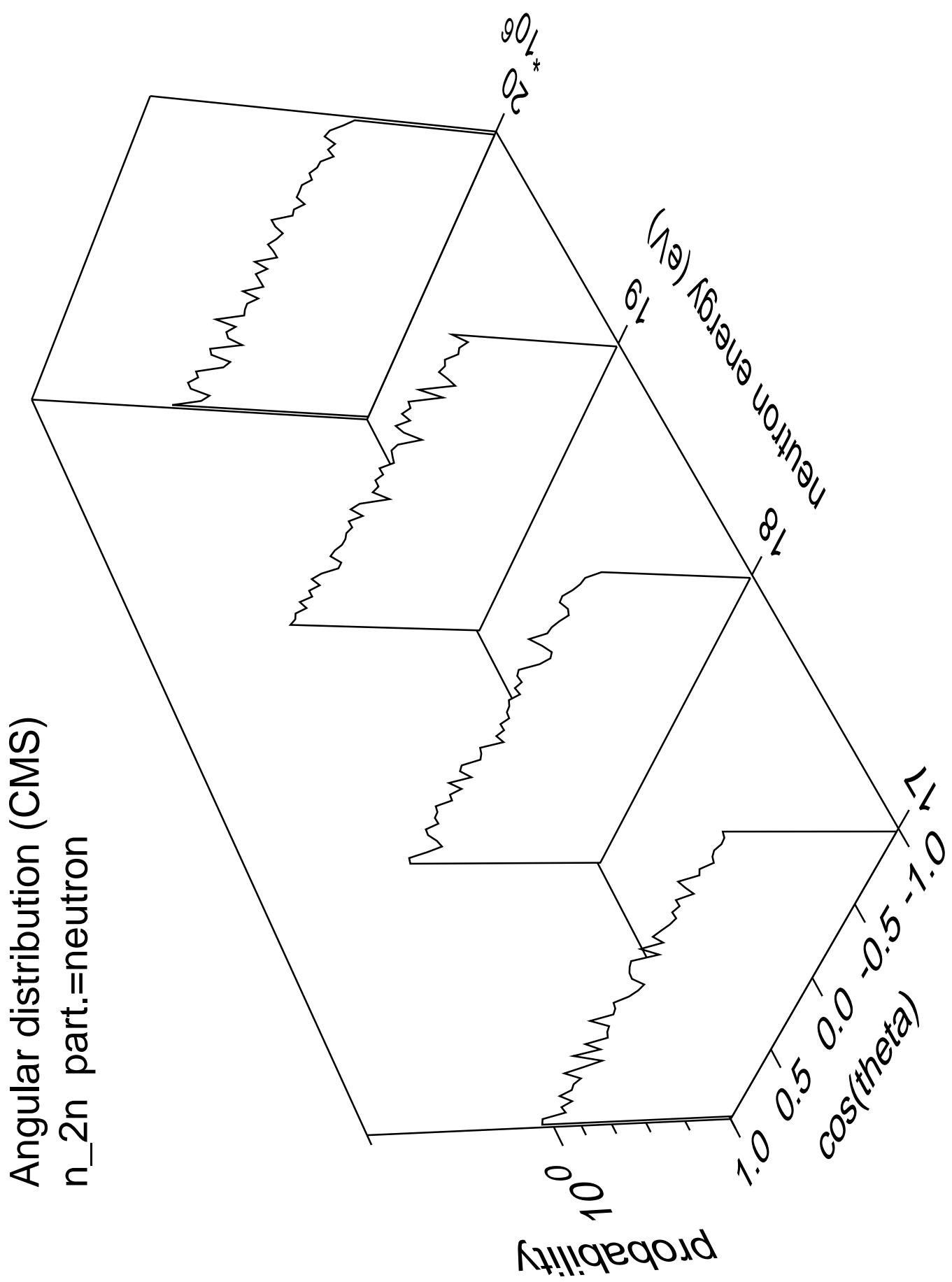
# Cross Section



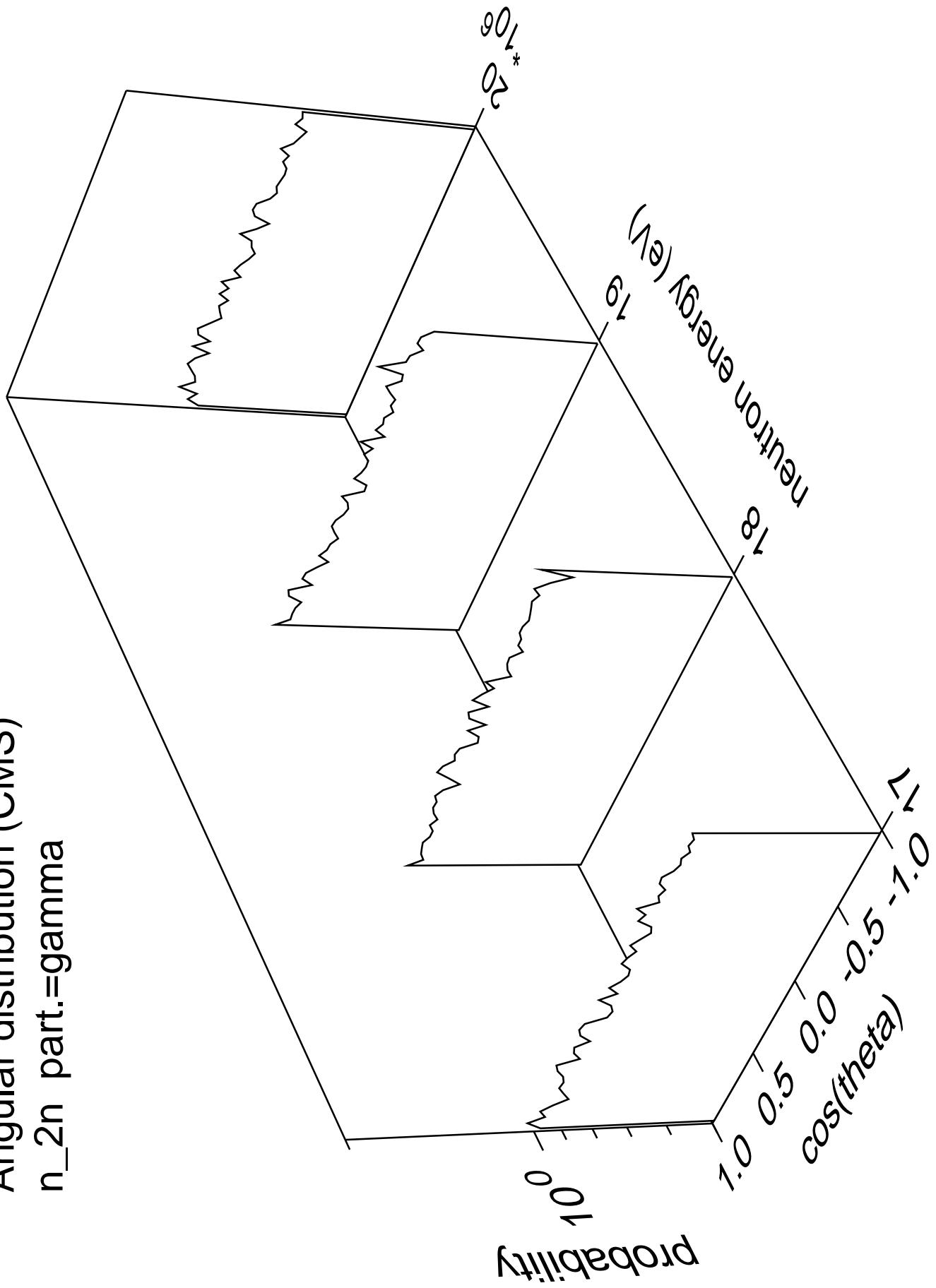
# Cross Section

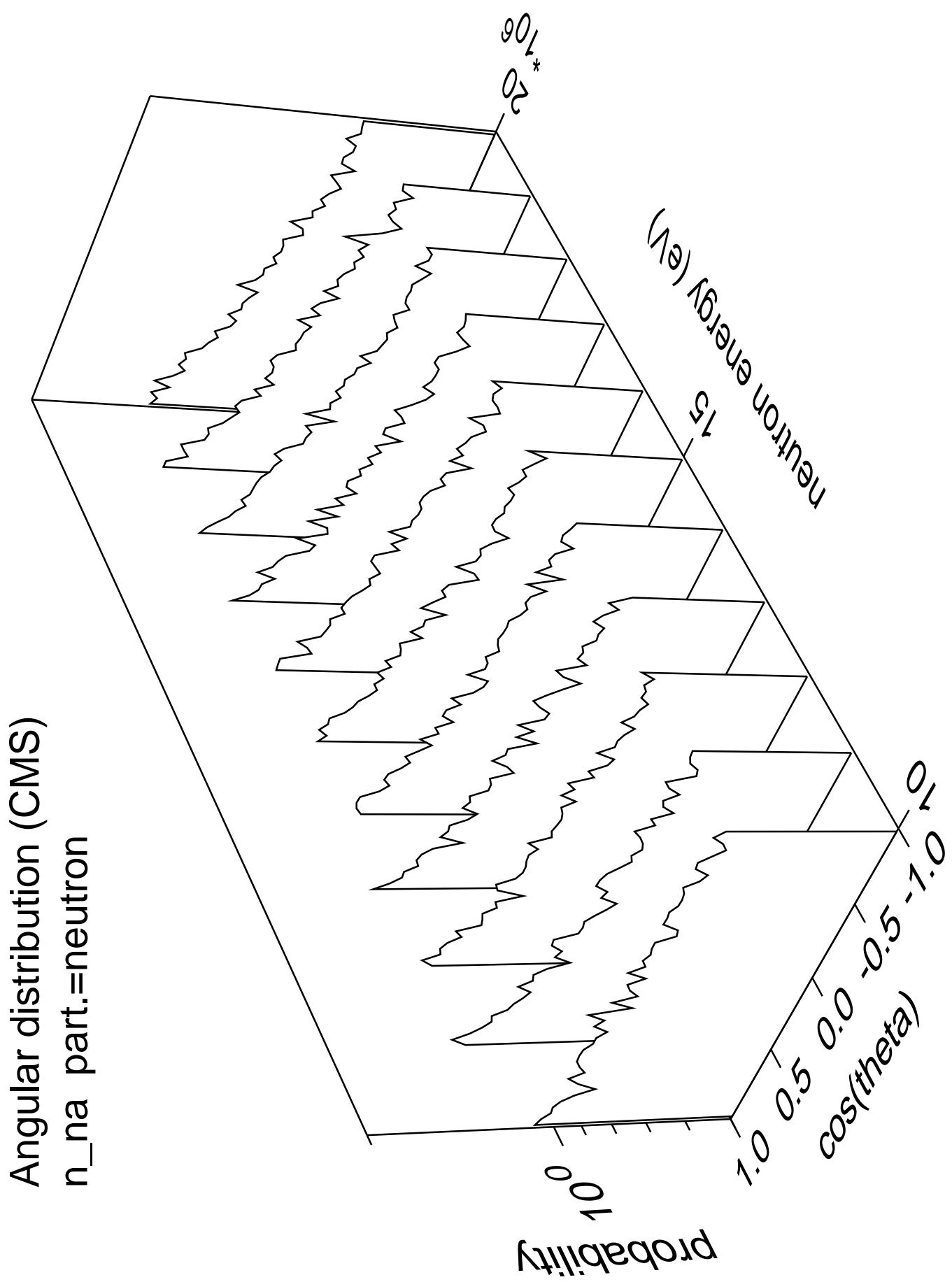




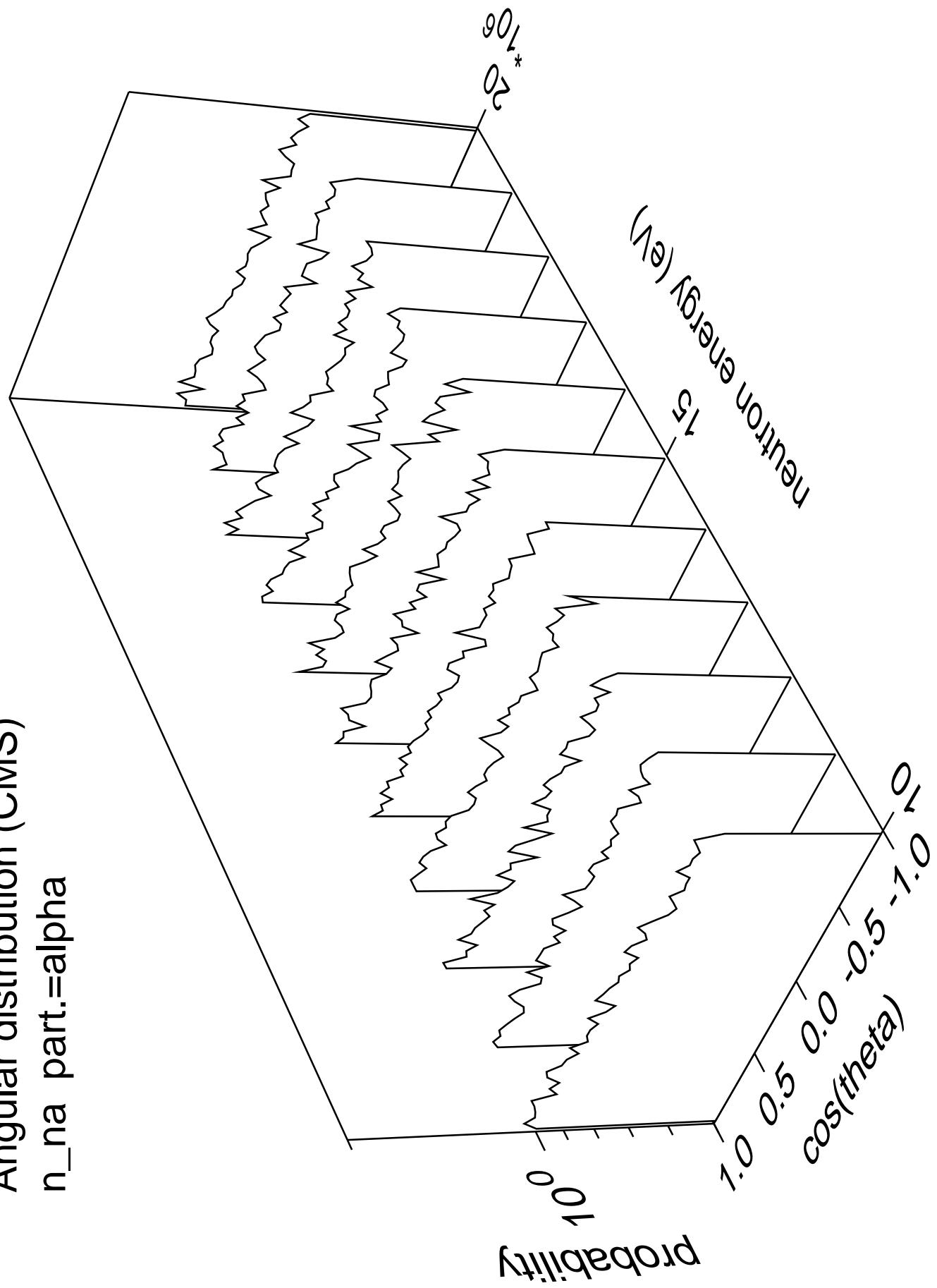


Angular distribution (CMS)  
 $n_{2n}$  part.=gamma

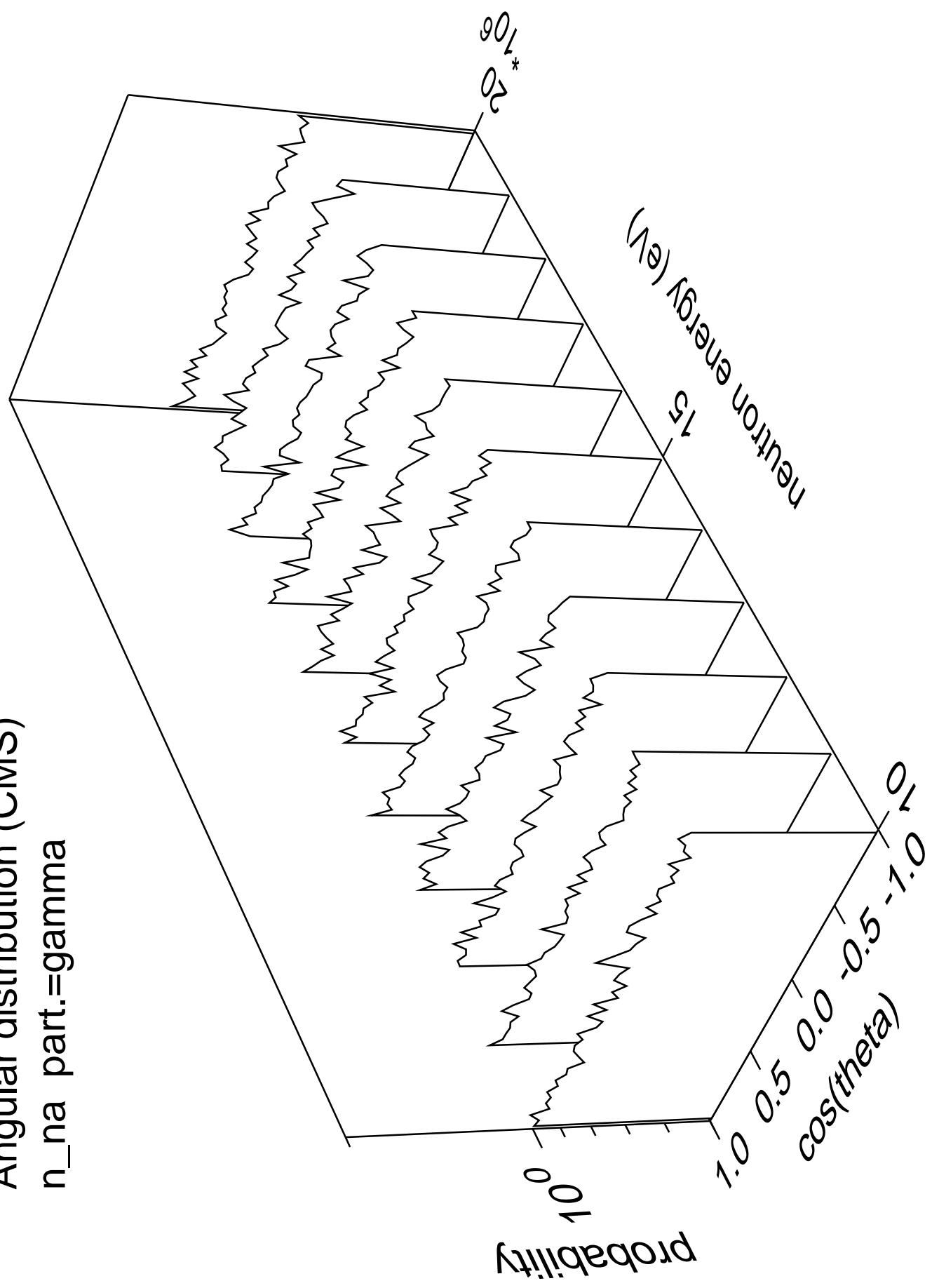




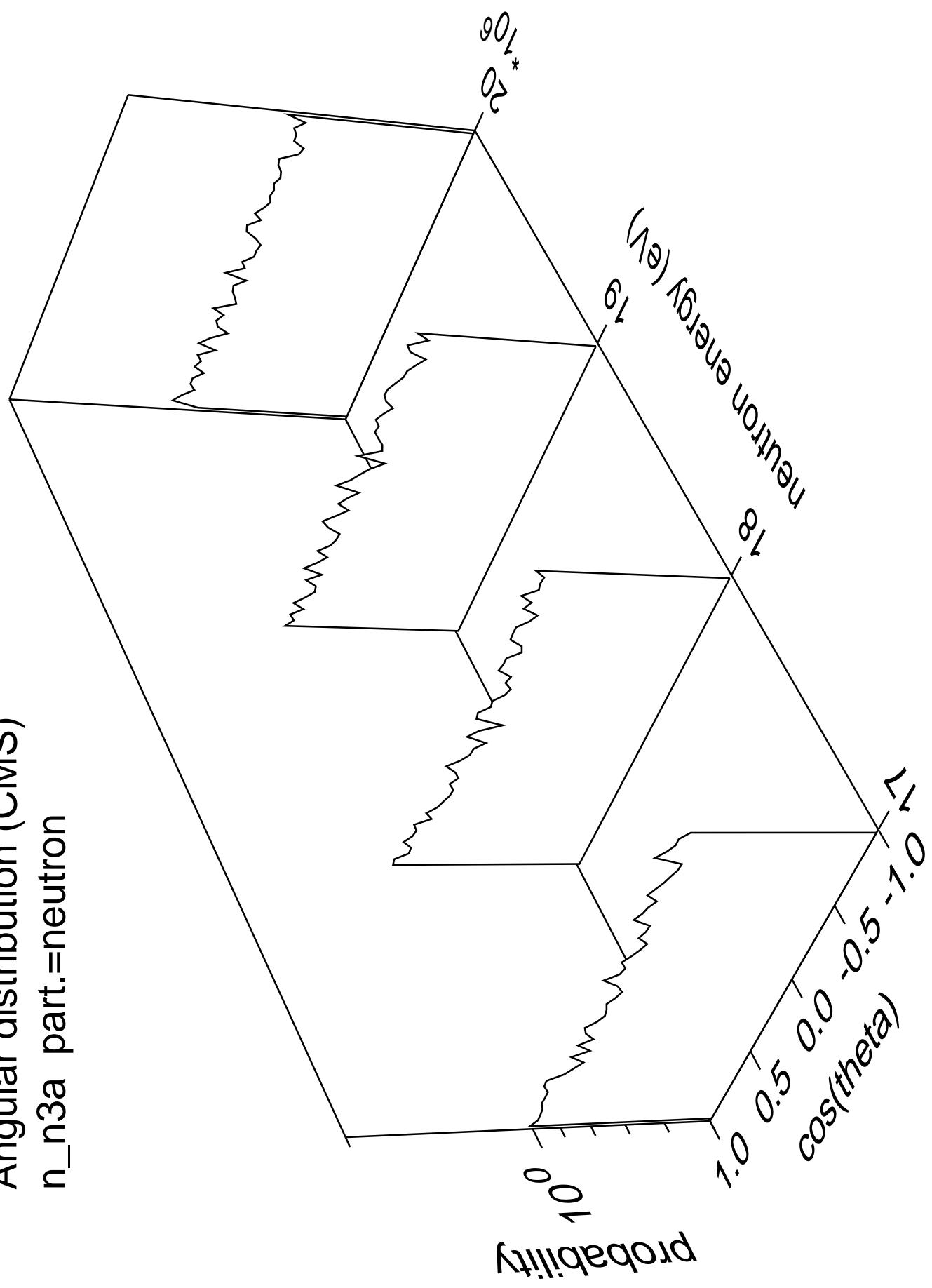
Angular distribution (CMS)  
 $n_{\text{na}}$  part.=alpha



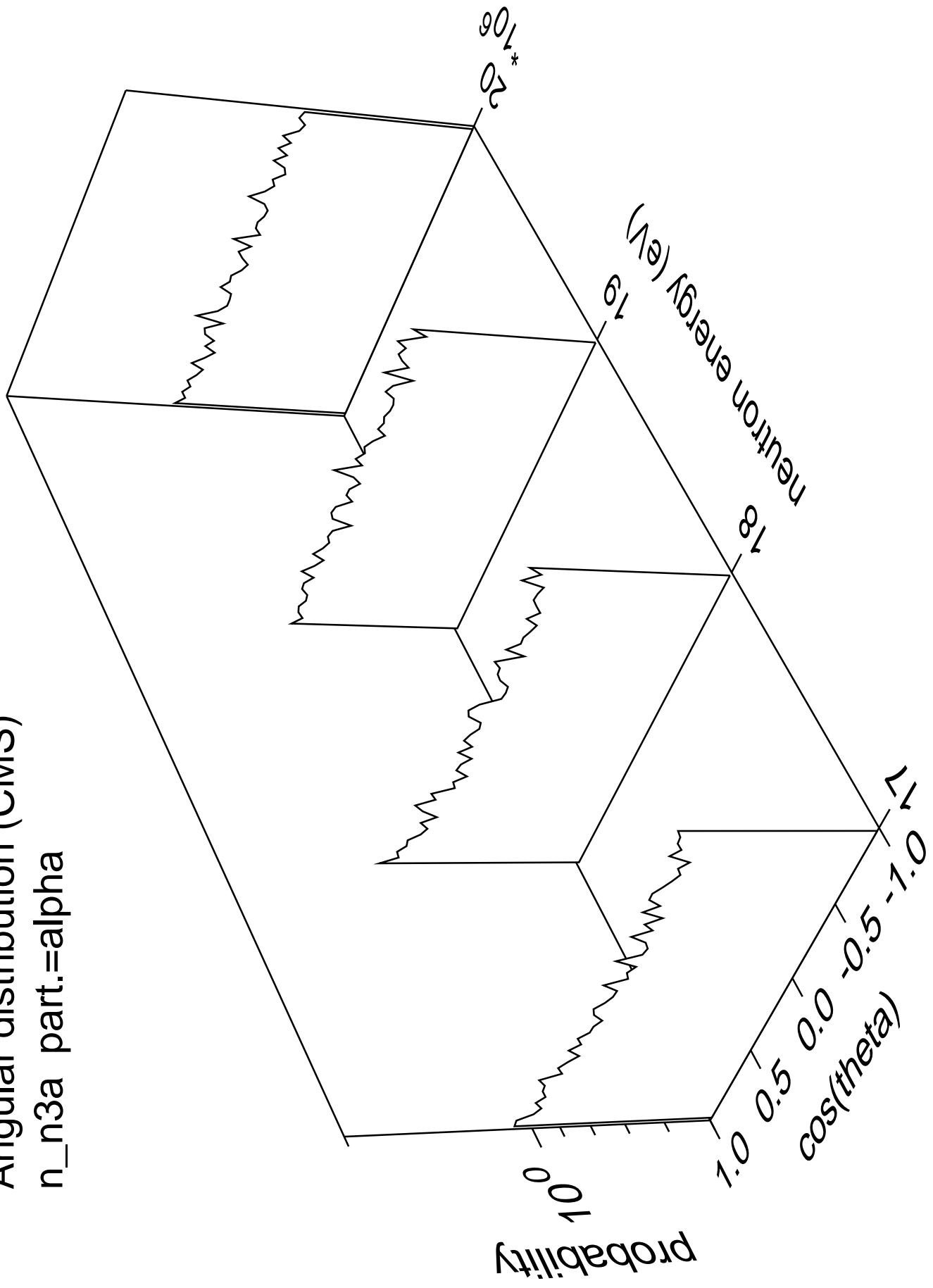
Angular distribution (CMS)  
 $n_{\text{na}}$  part.=gamma

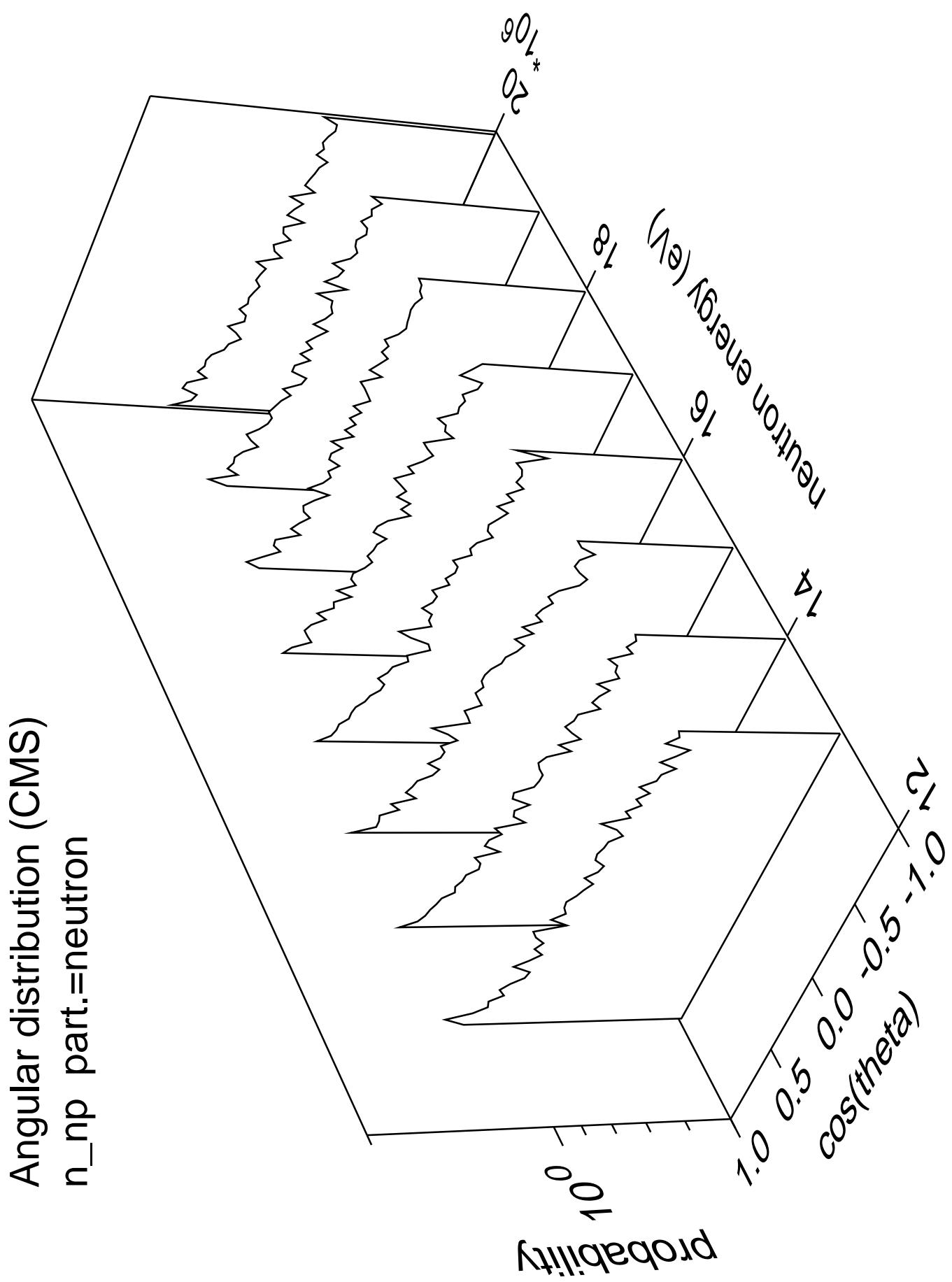


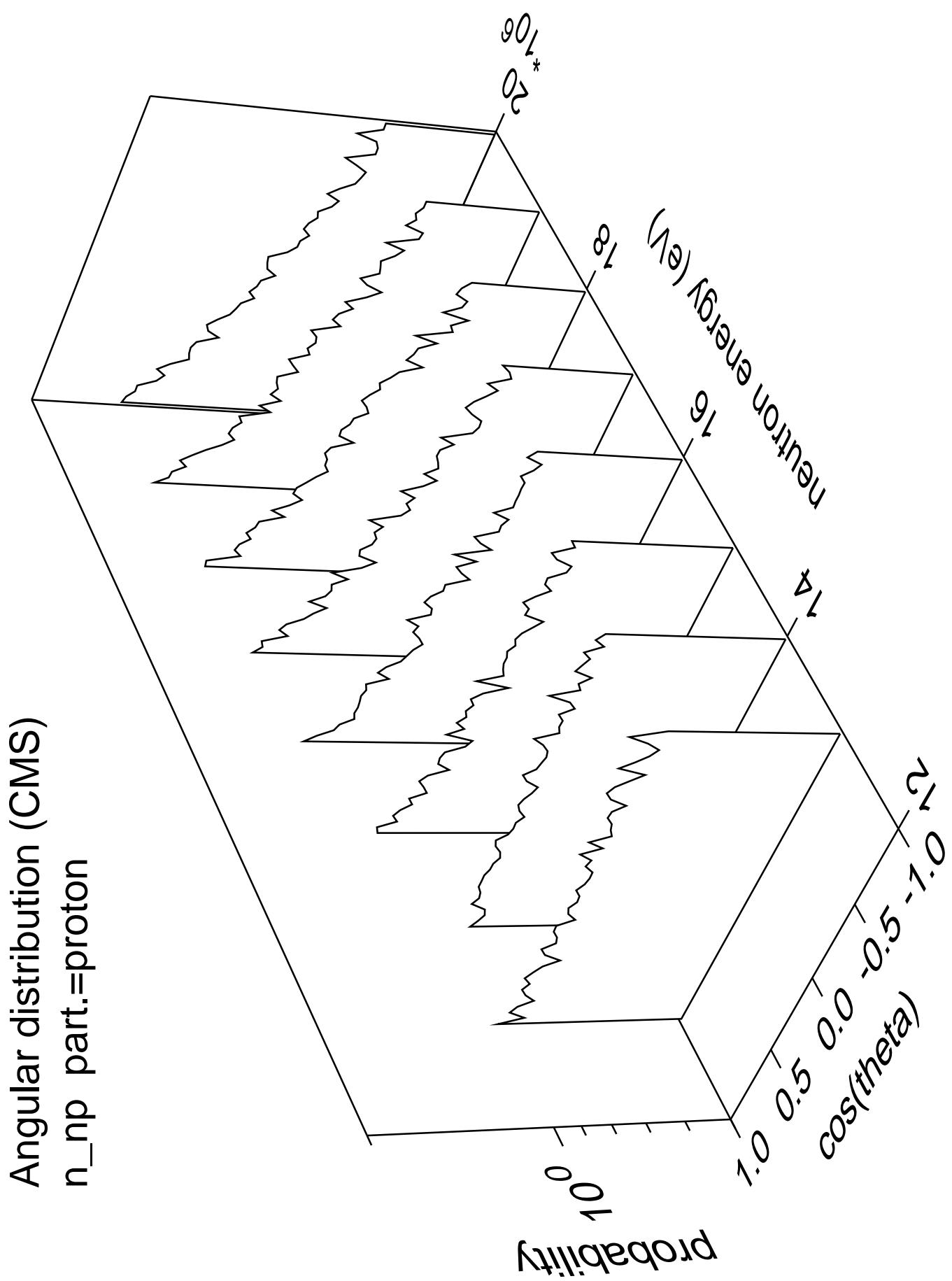
Angular distribution (CMS)  
 $n_{n3\alpha}$  part.=neutron



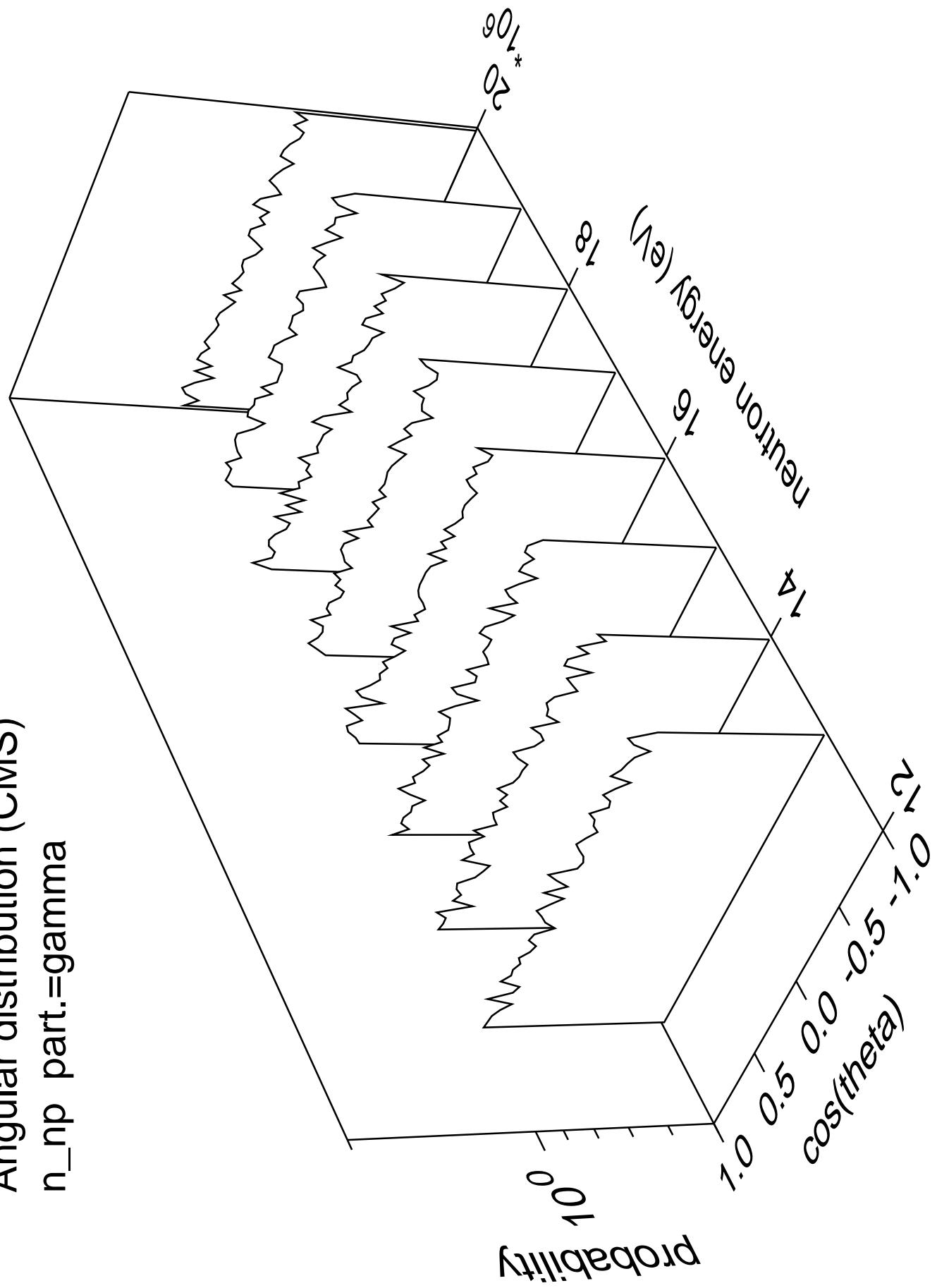
Angular distribution (CMS)  
 $n_{n3\alpha}$  part.=alpha

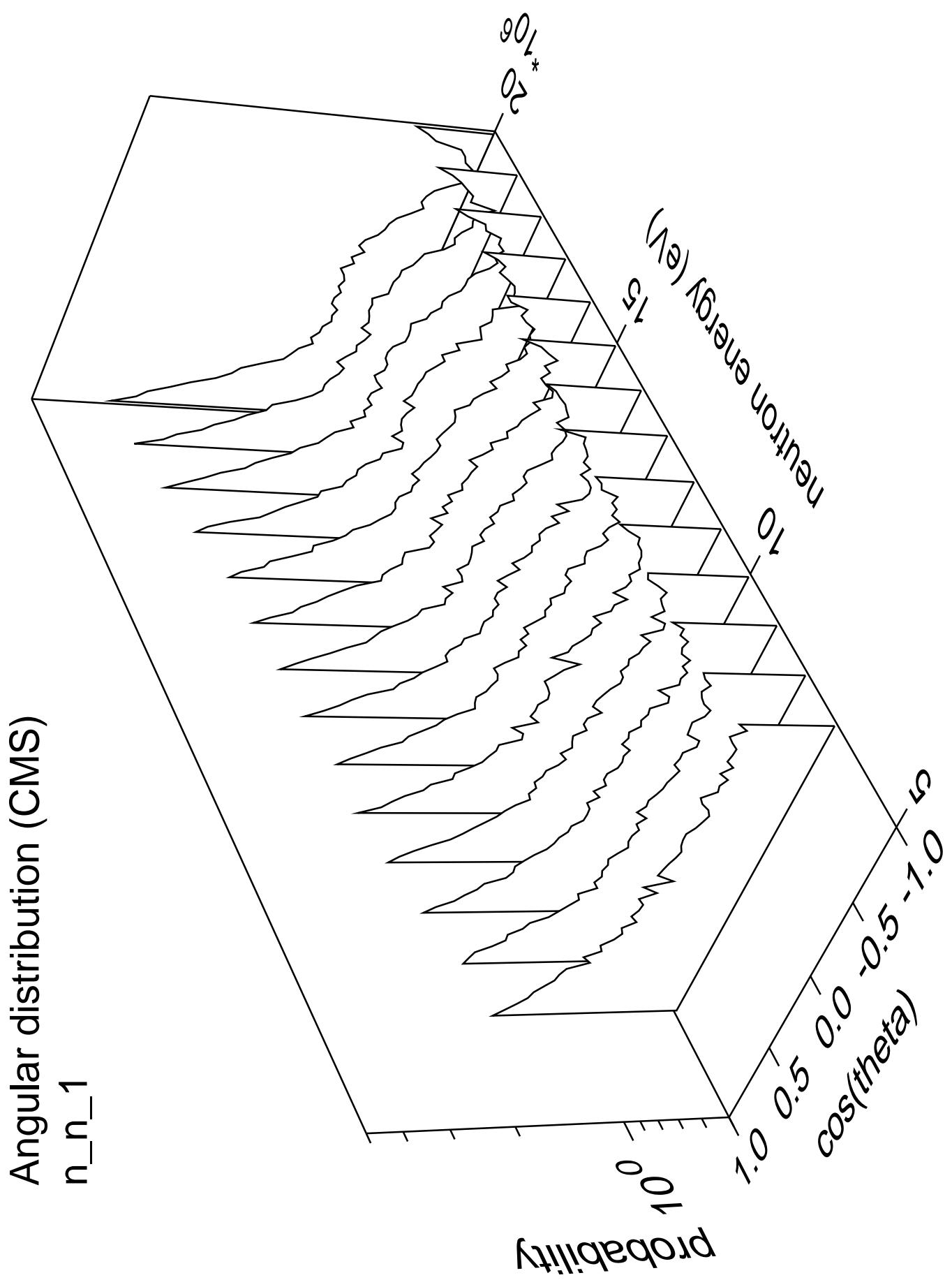


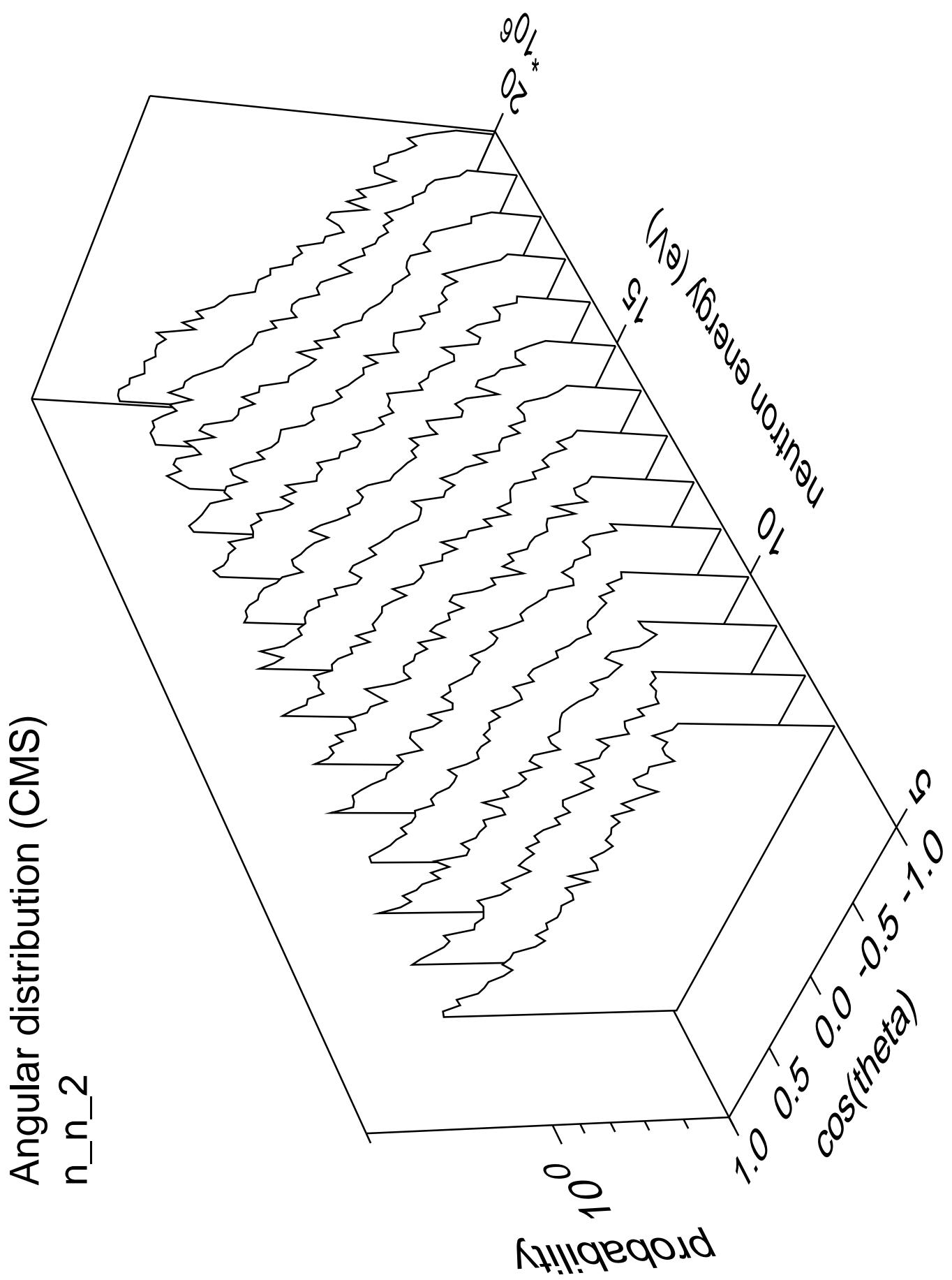


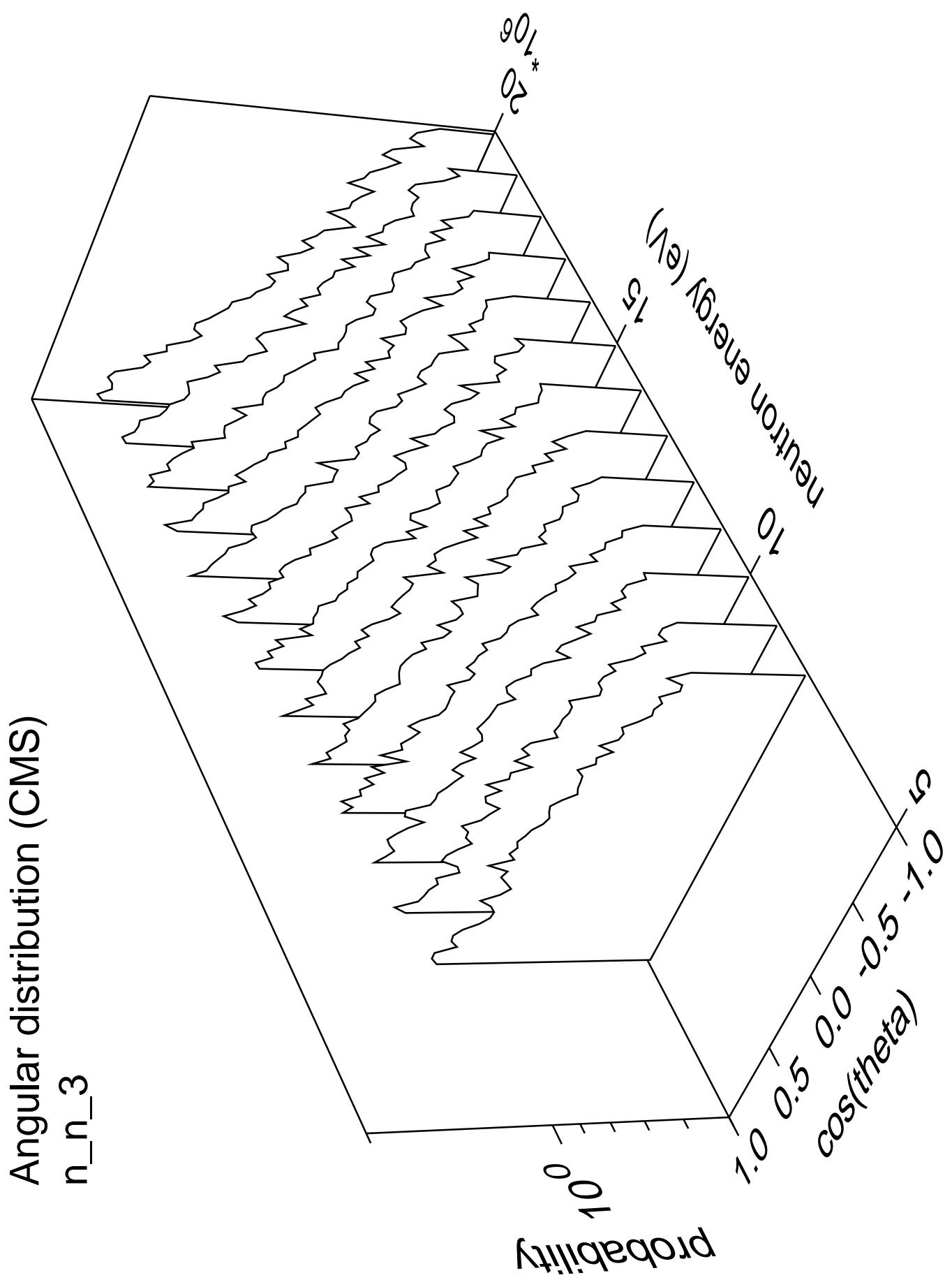


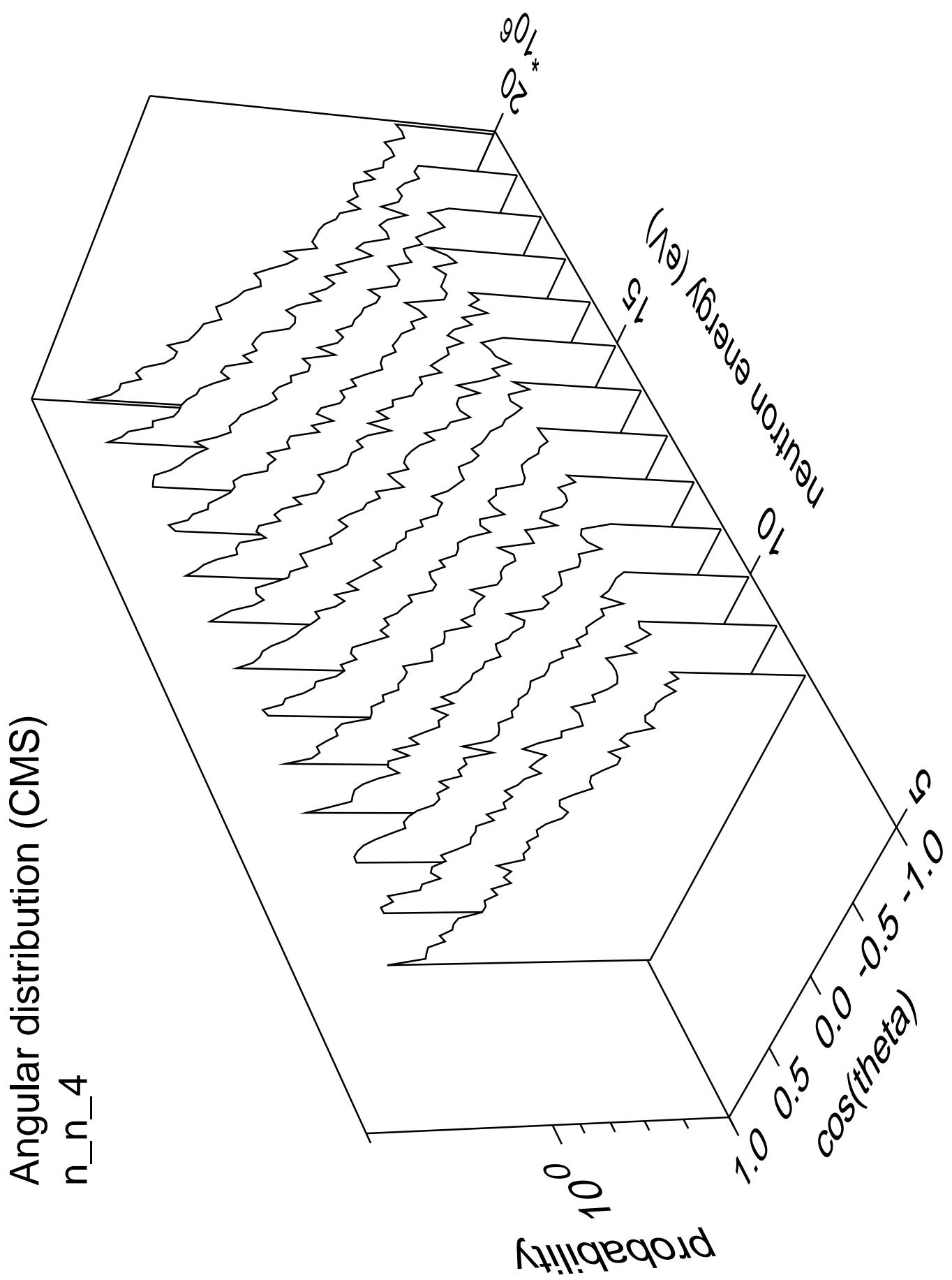
Angular distribution (CMS)  
 $n_{np}$  part.=gamma

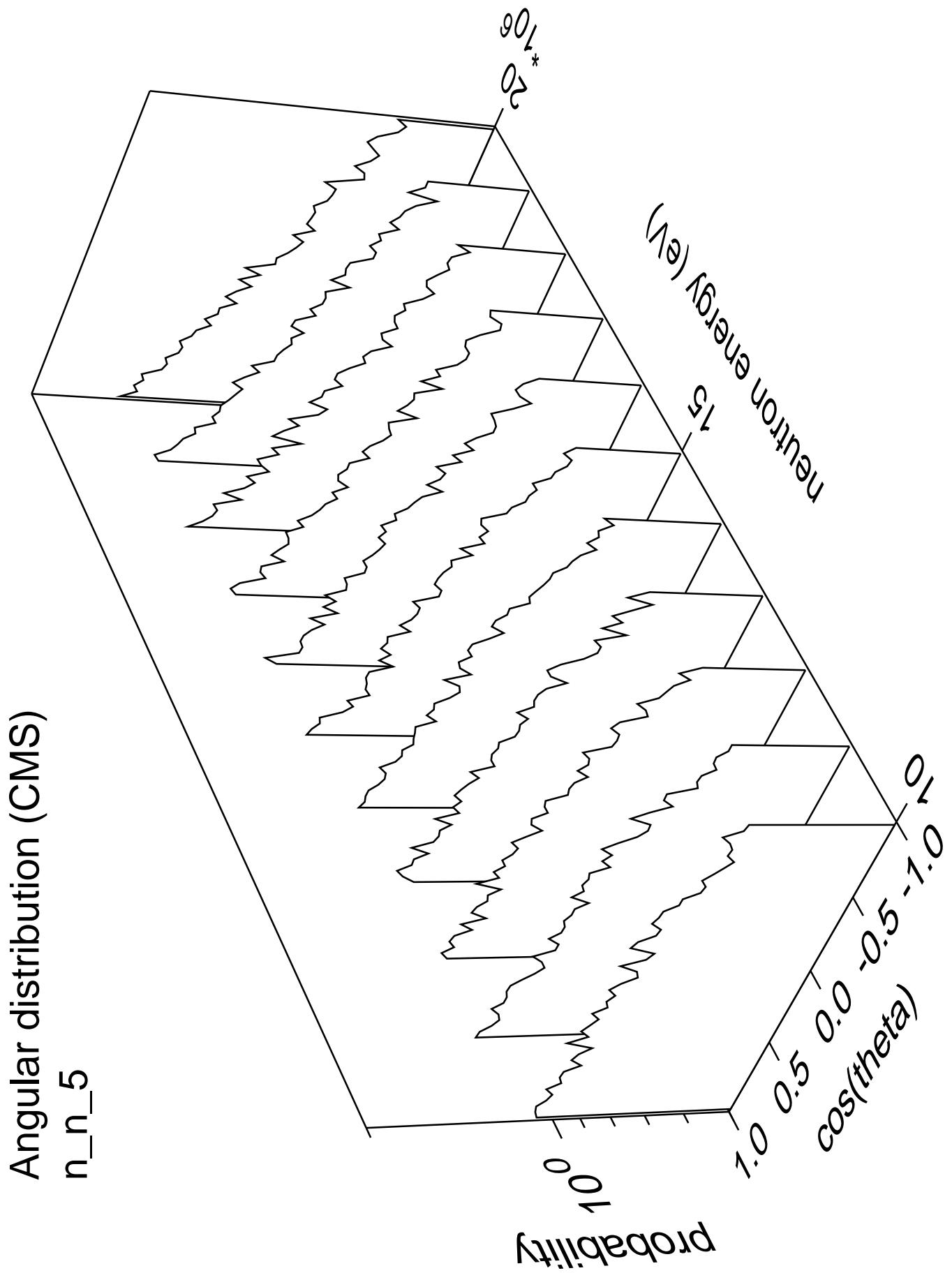


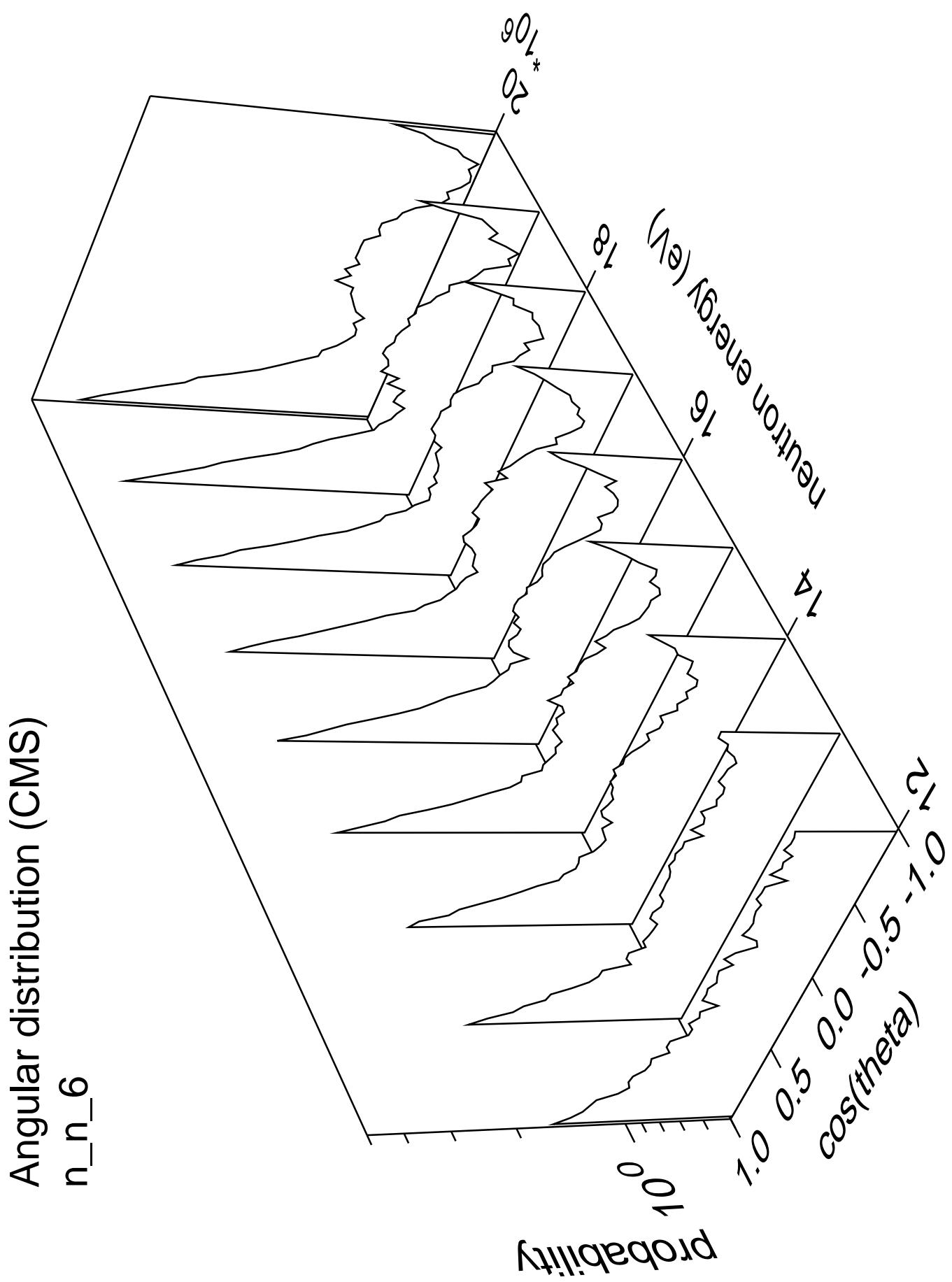


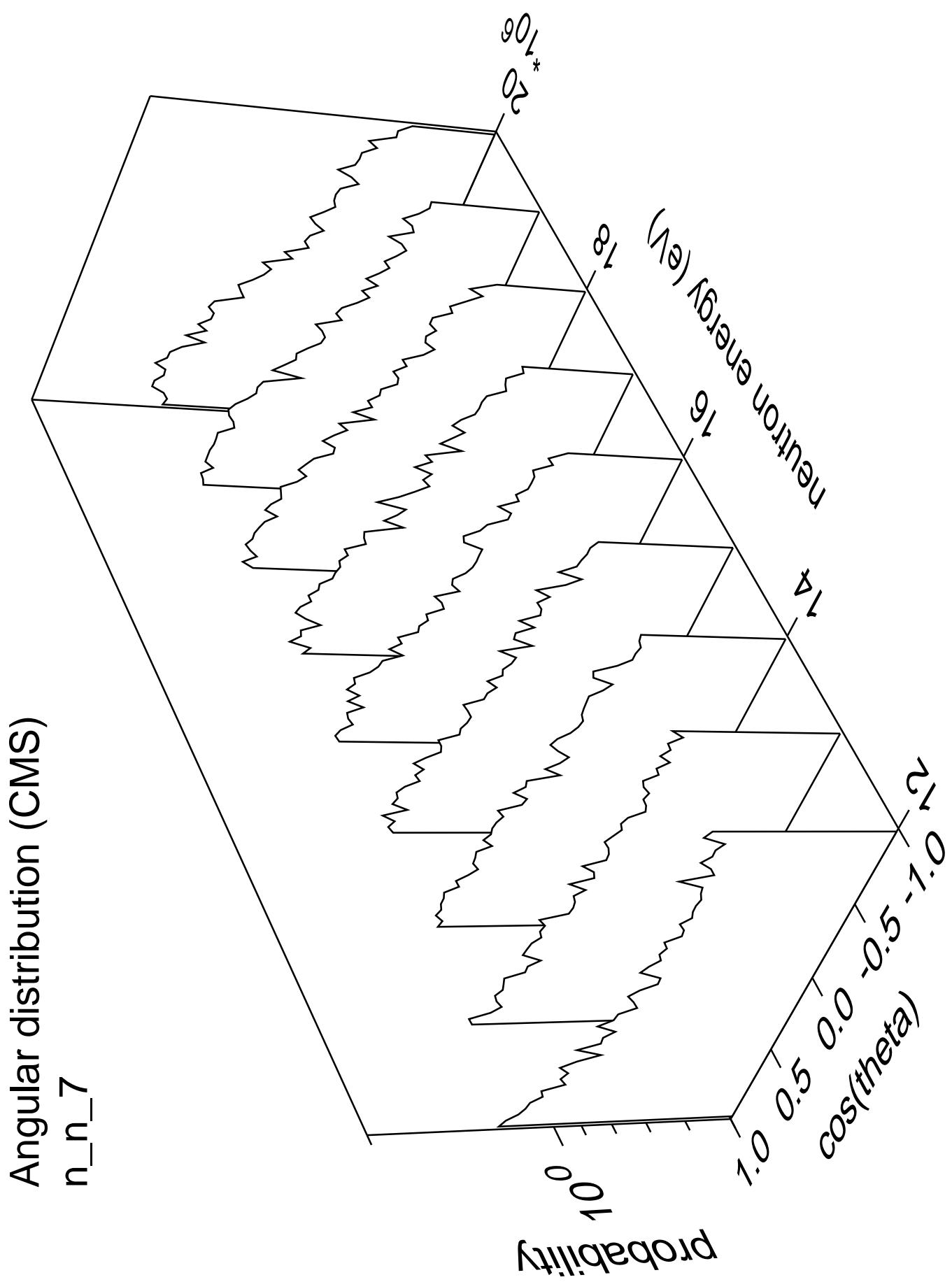


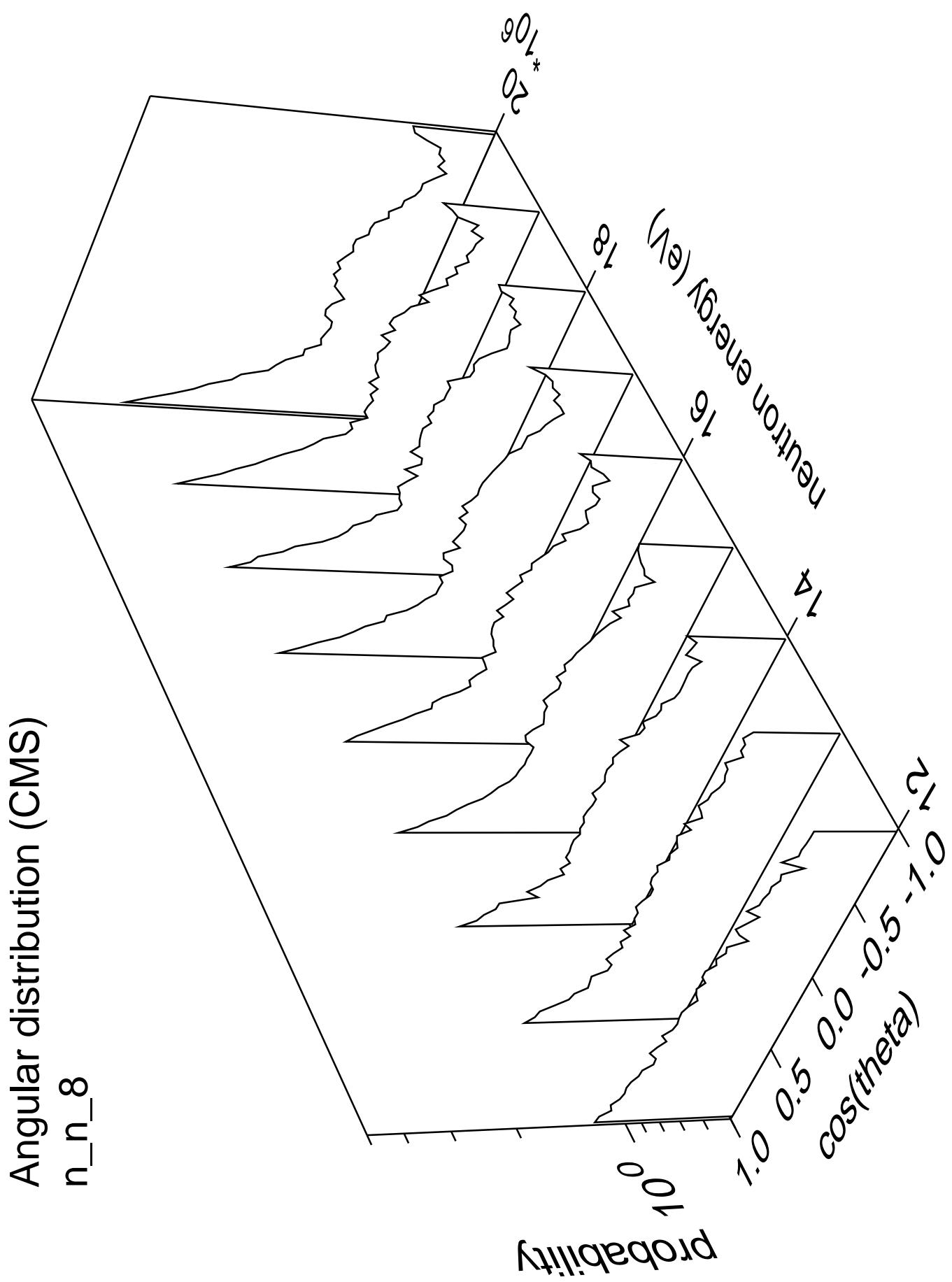


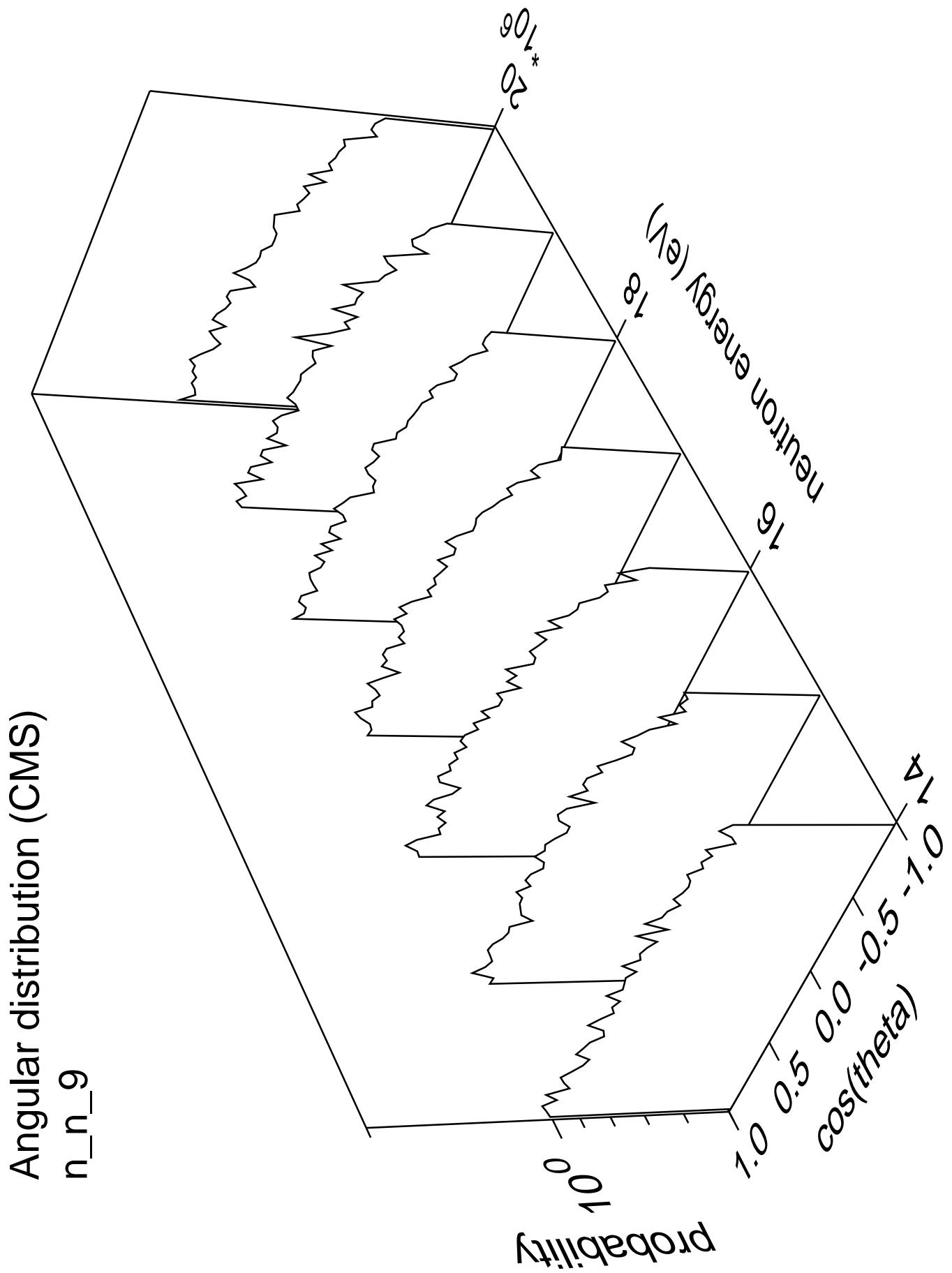




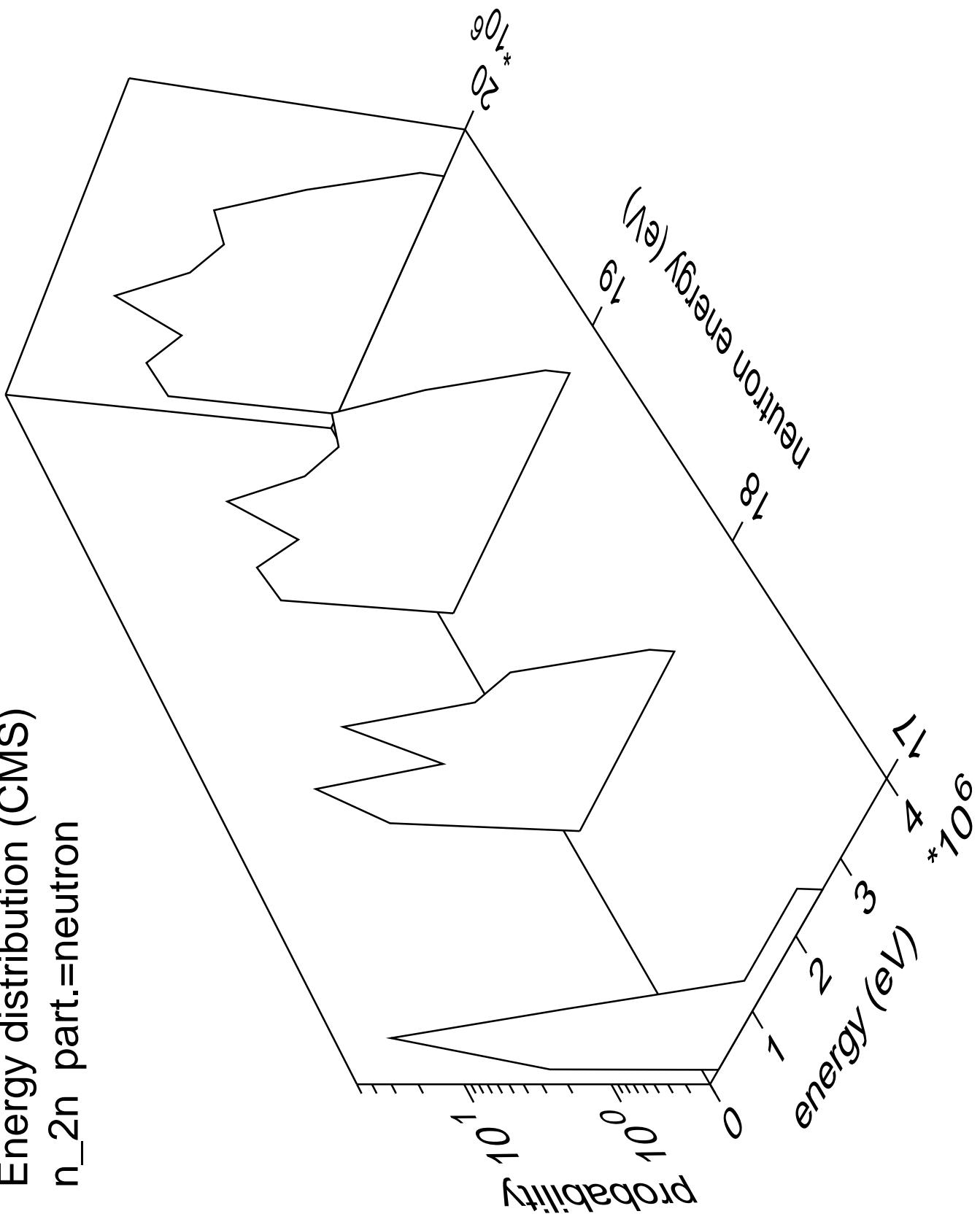




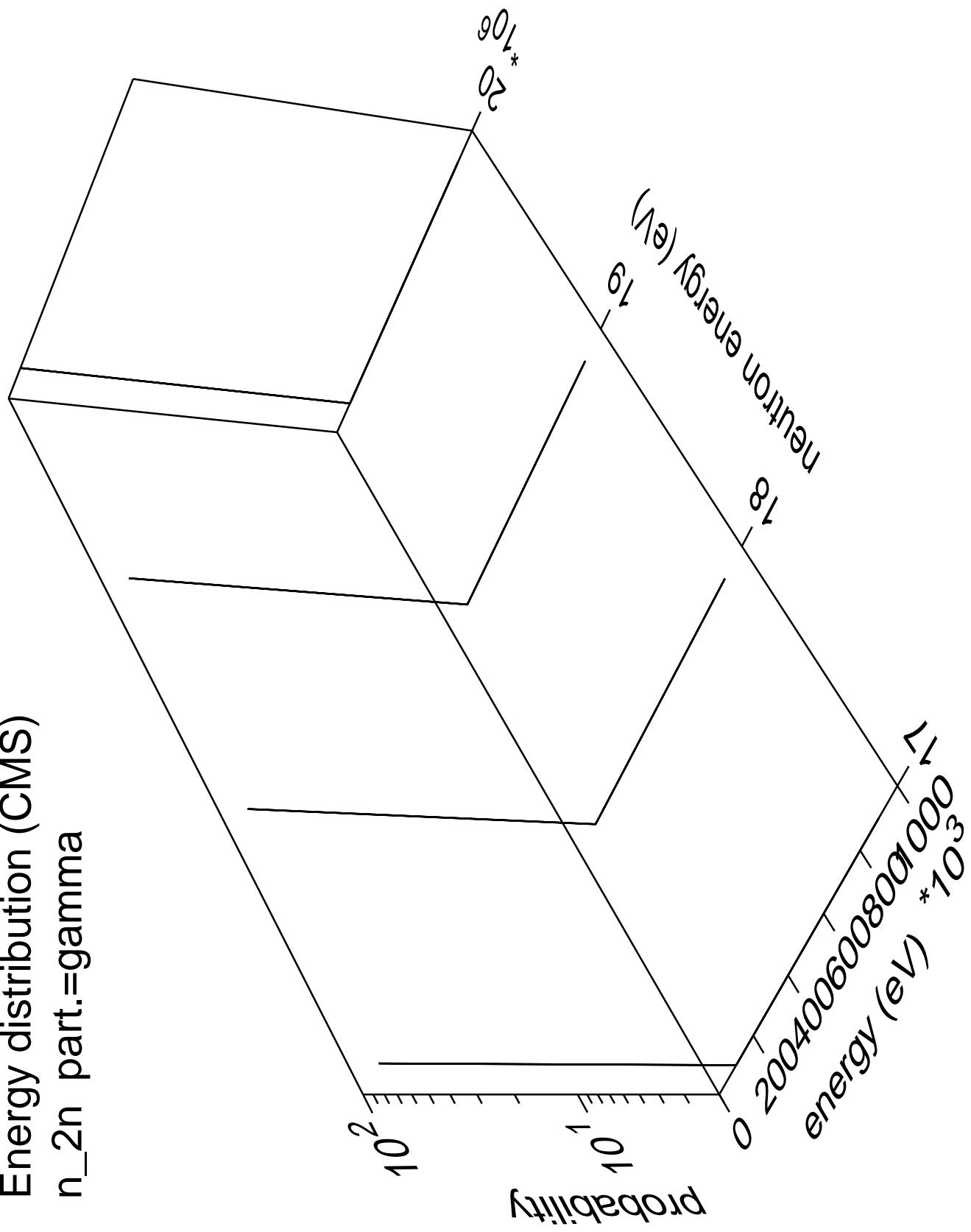




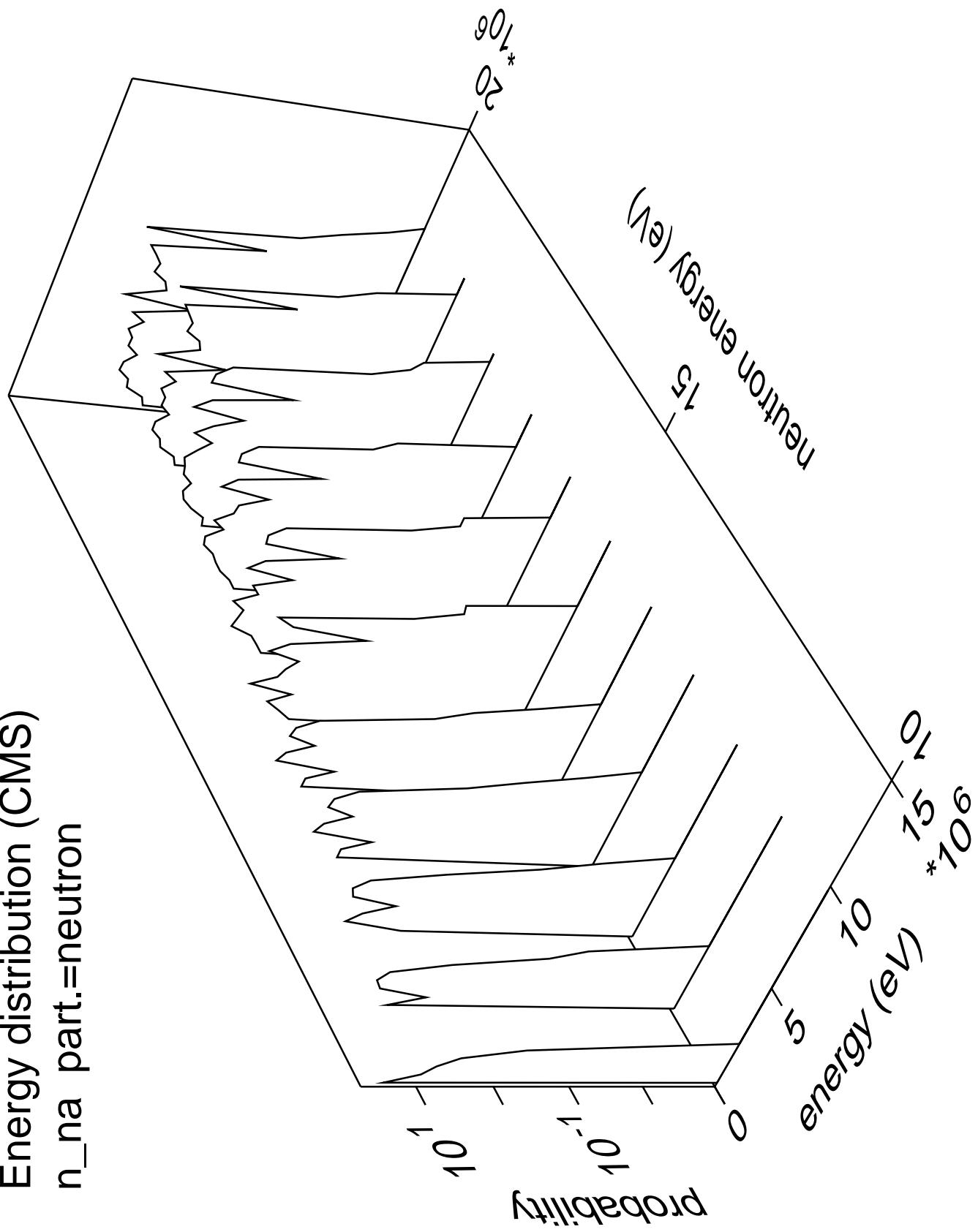
Energy distribution (CMS)  
 $n_{2n}$  part.=neutron



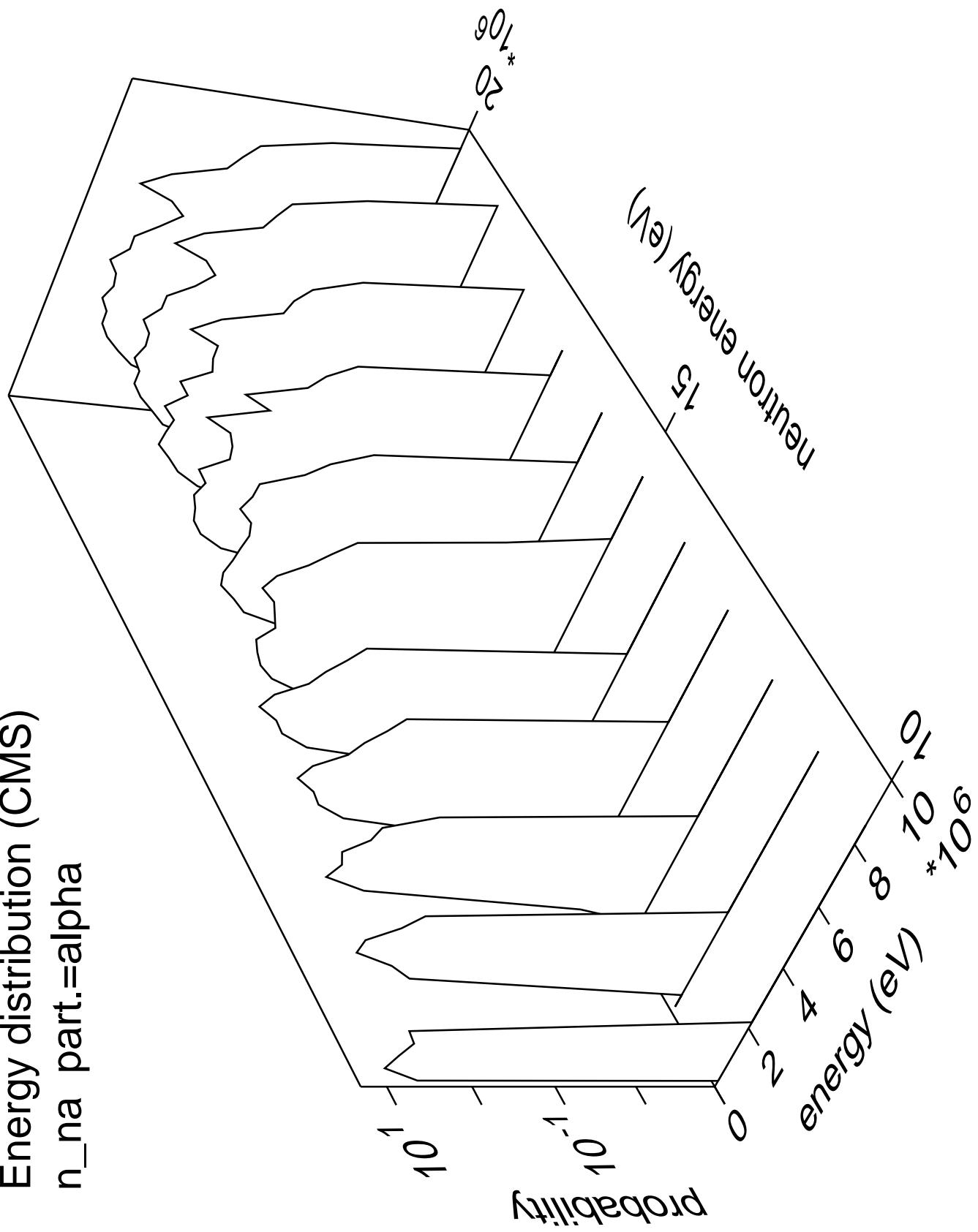
Energy distribution (CMS)  
n\_2n part.=gamma



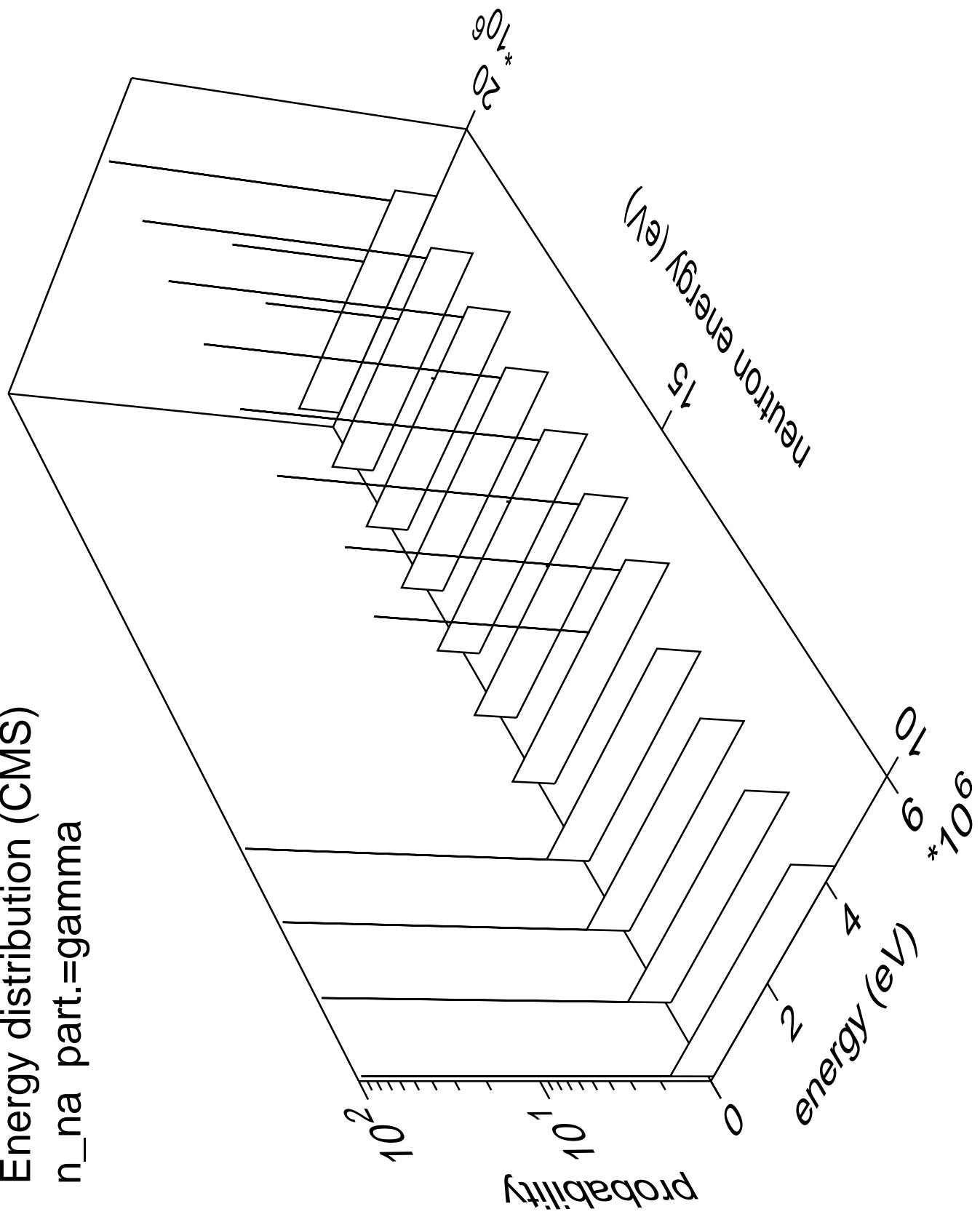
Energy distribution (CMS)  
 $n_{\text{na}} \text{ part.} = \text{neutron}$



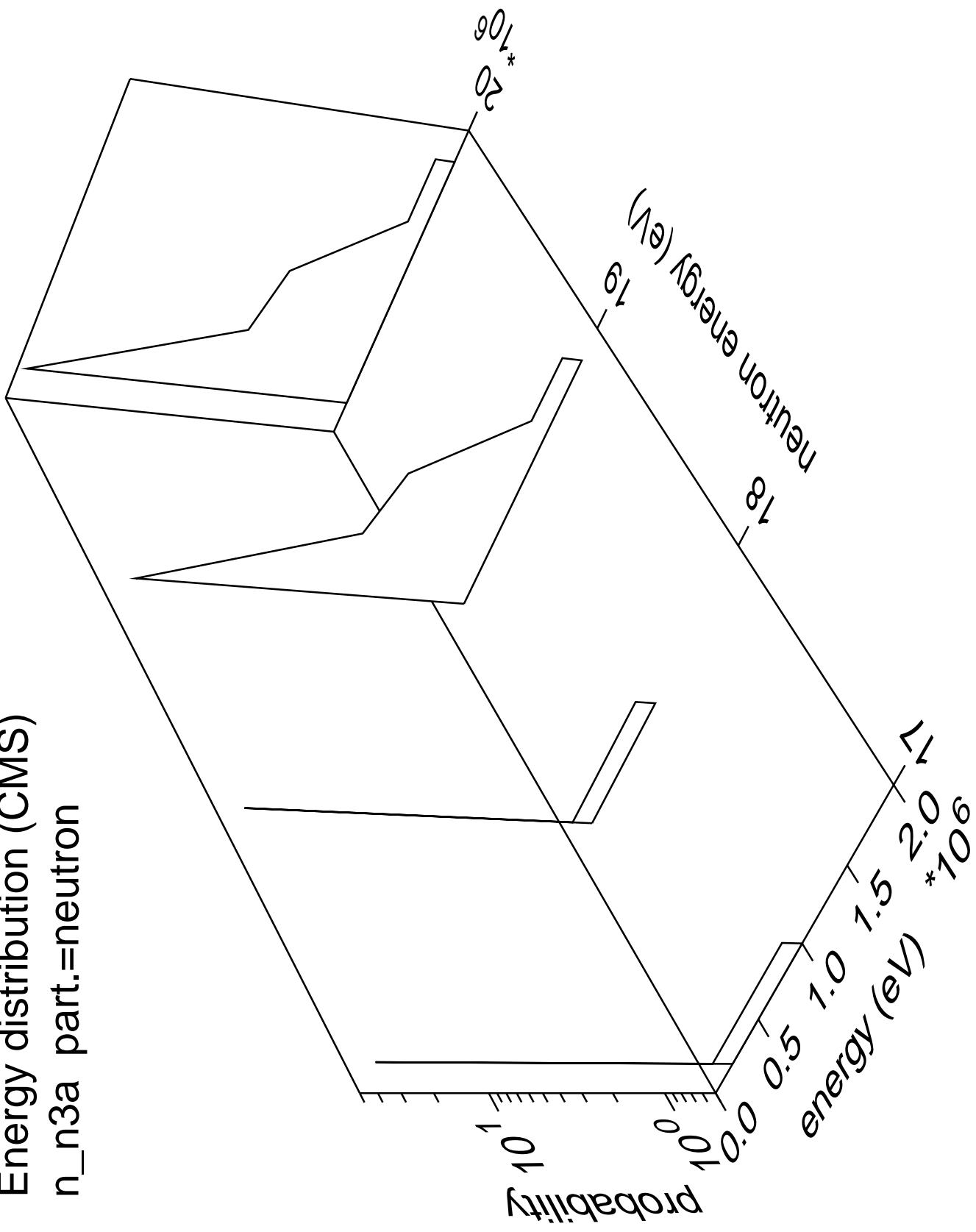
Energy distribution (CMS)  
 $n_{\text{na}} \text{ part.} = \text{alpha}$



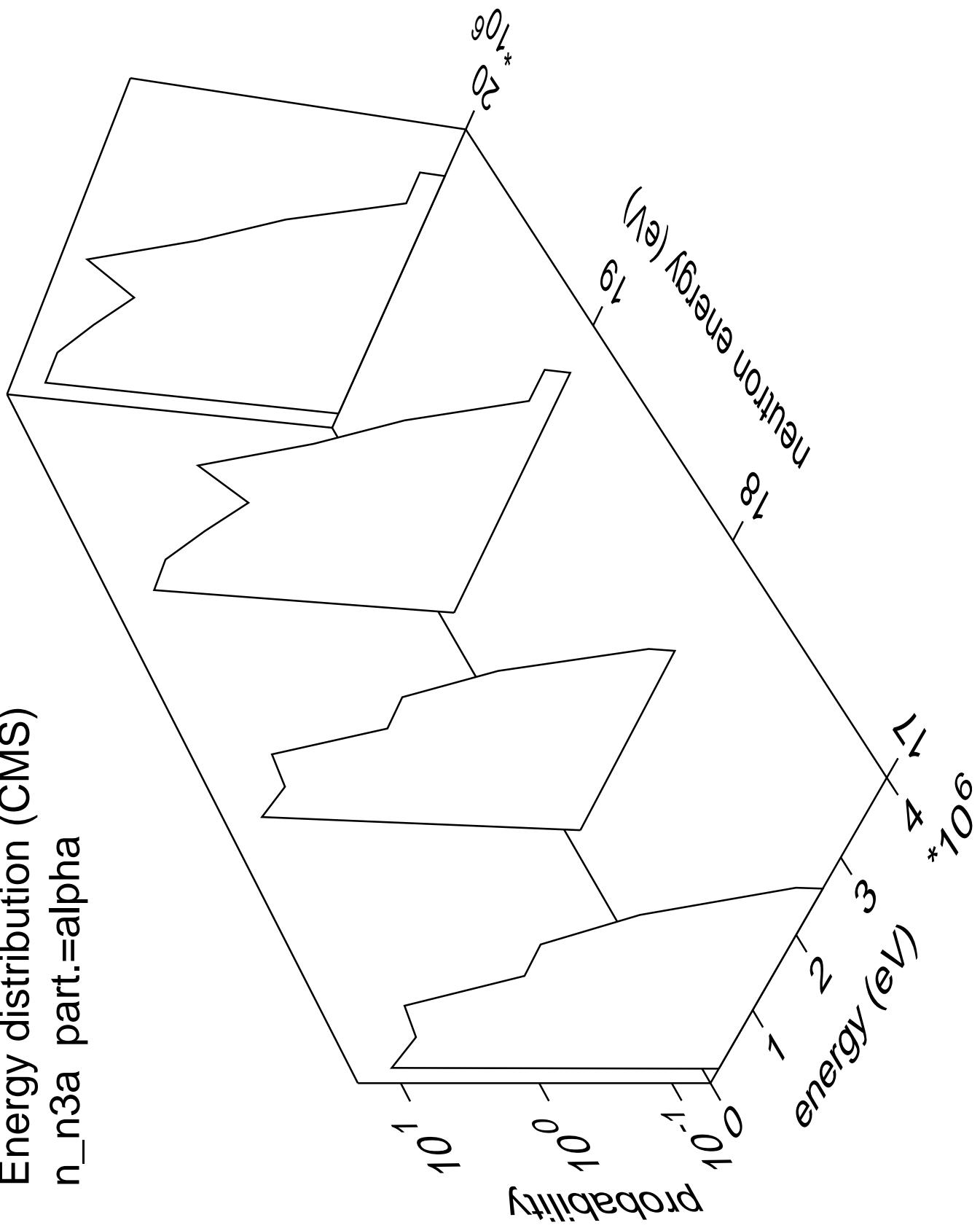
Energy distribution (CMS)  
 $n_{\text{na}}$  part.=gamma



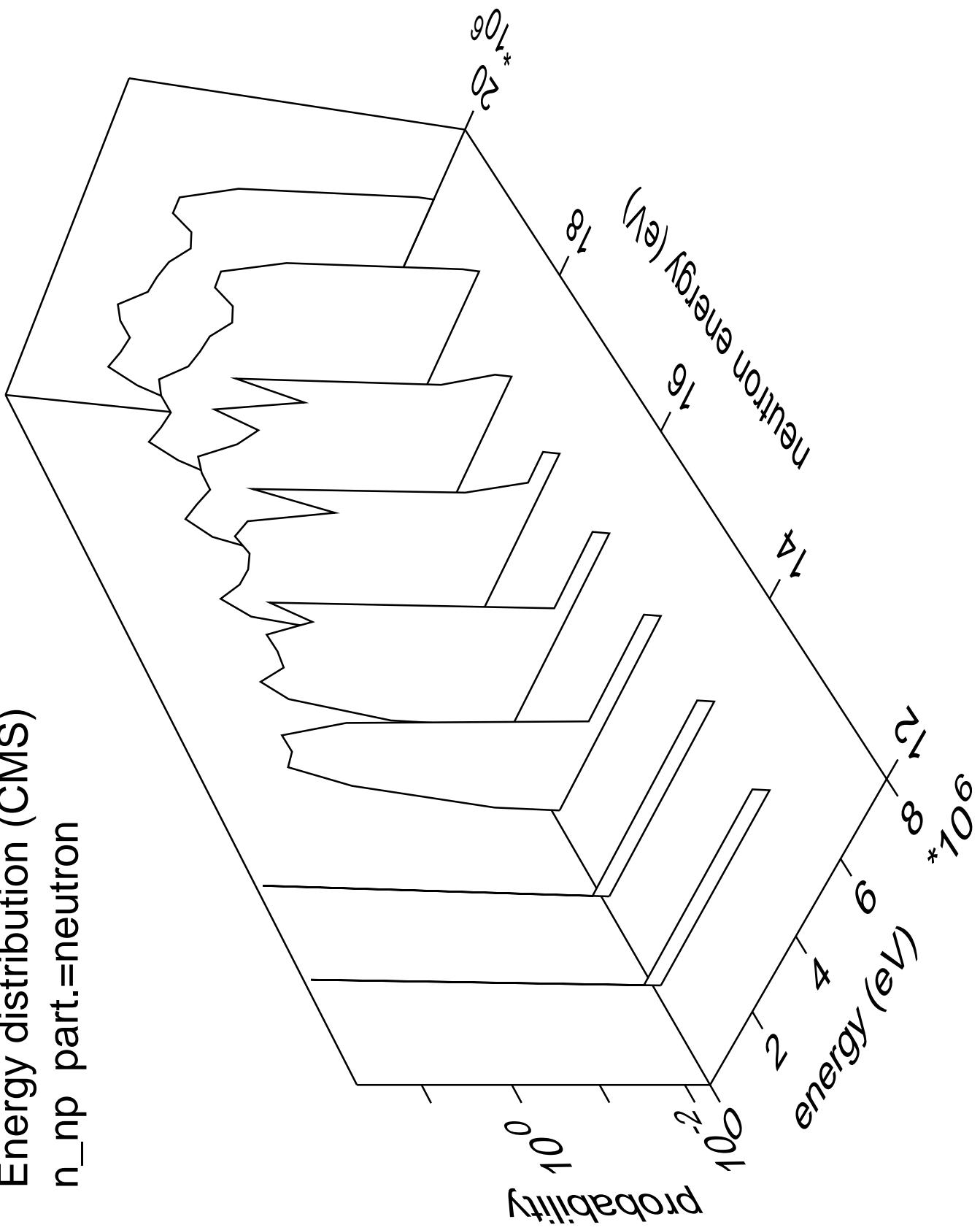
Energy distribution (CMS)  
 $n_{n3a}$  part.=neutron



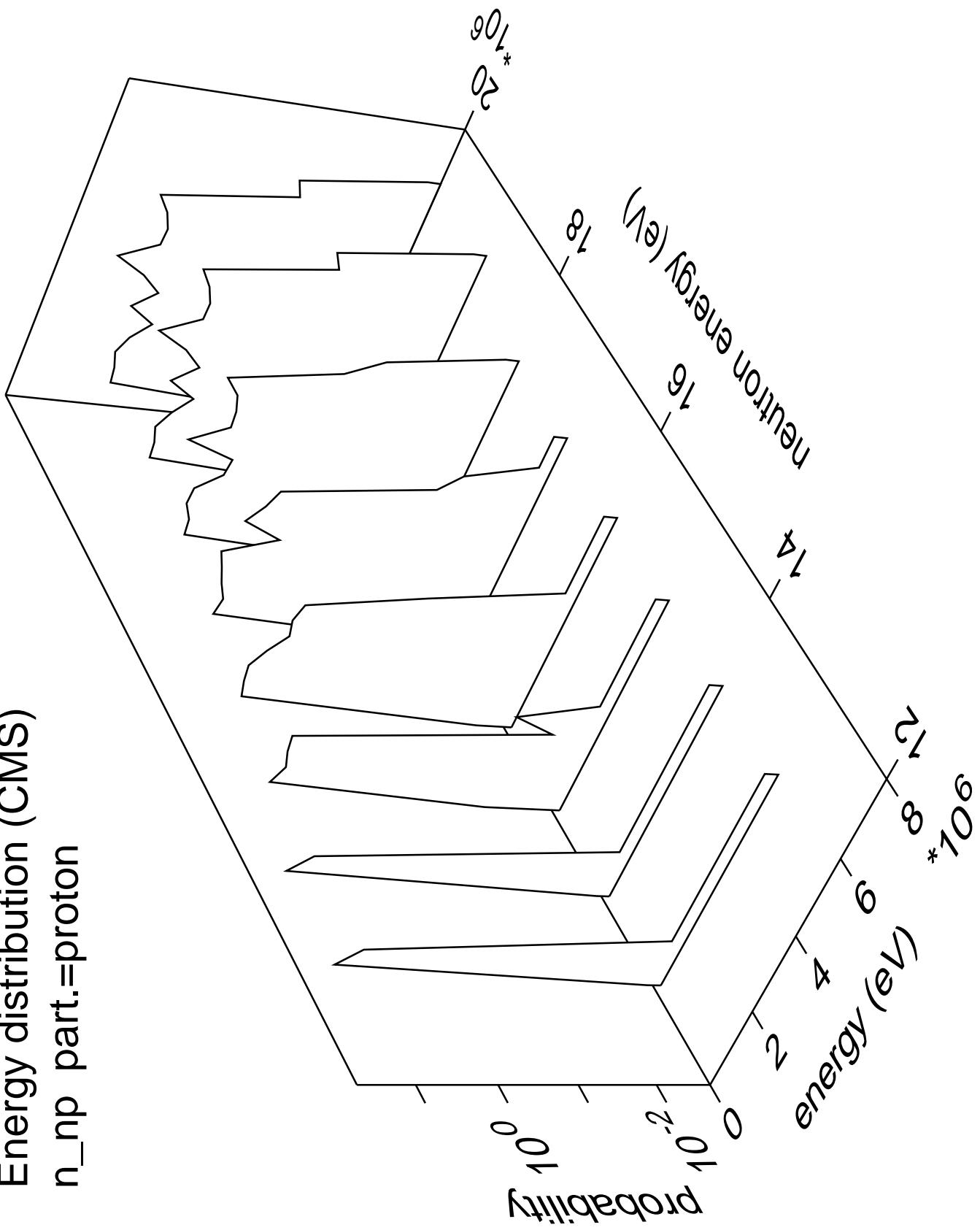
Energy distribution (CMS)  
 $n_{n3\alpha}$  part.=alpha



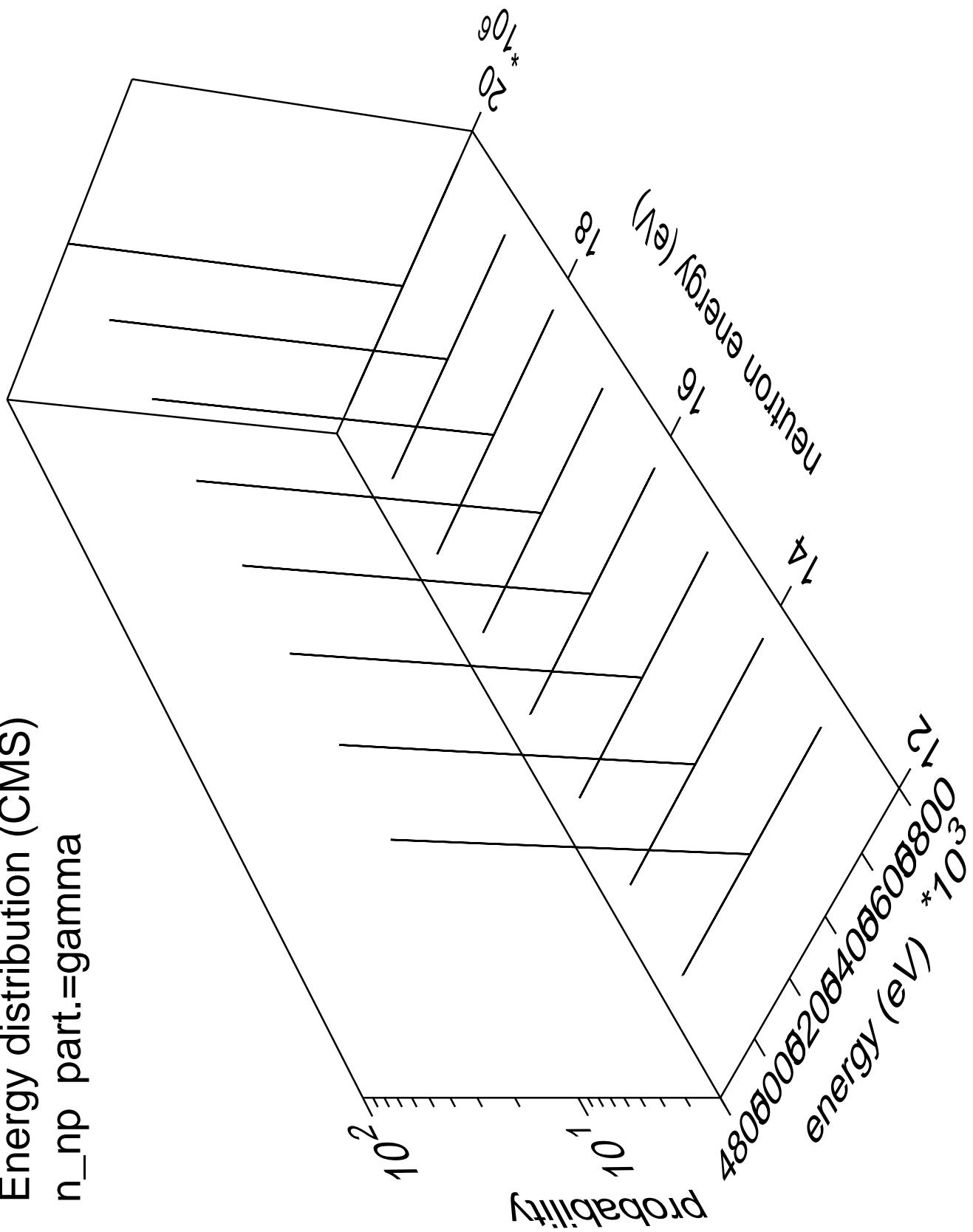
Energy distribution (CMS)  
 $n_{np}$  part.=neutron



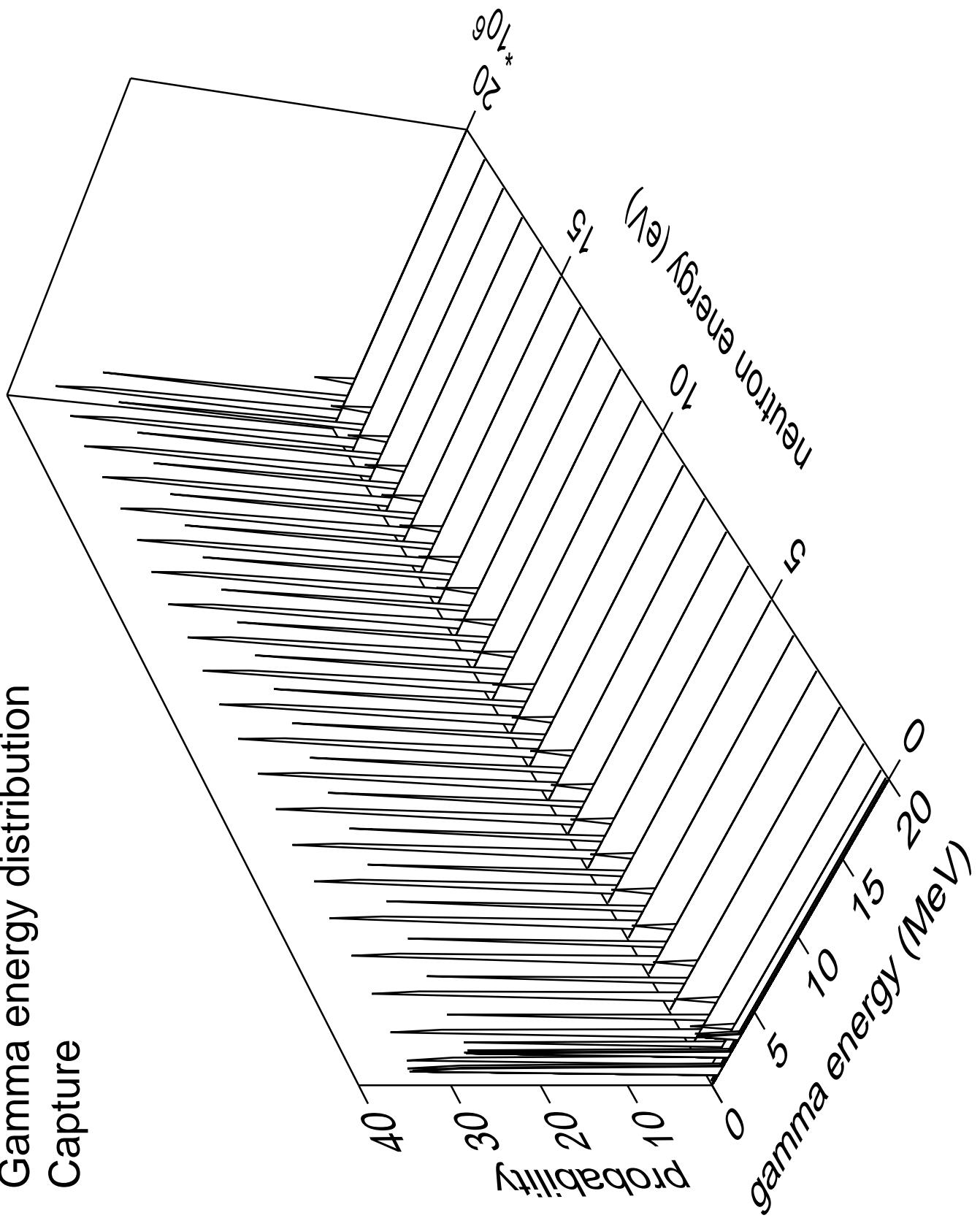
Energy distribution (CMS)  
 $n_{np}$  part.=proton



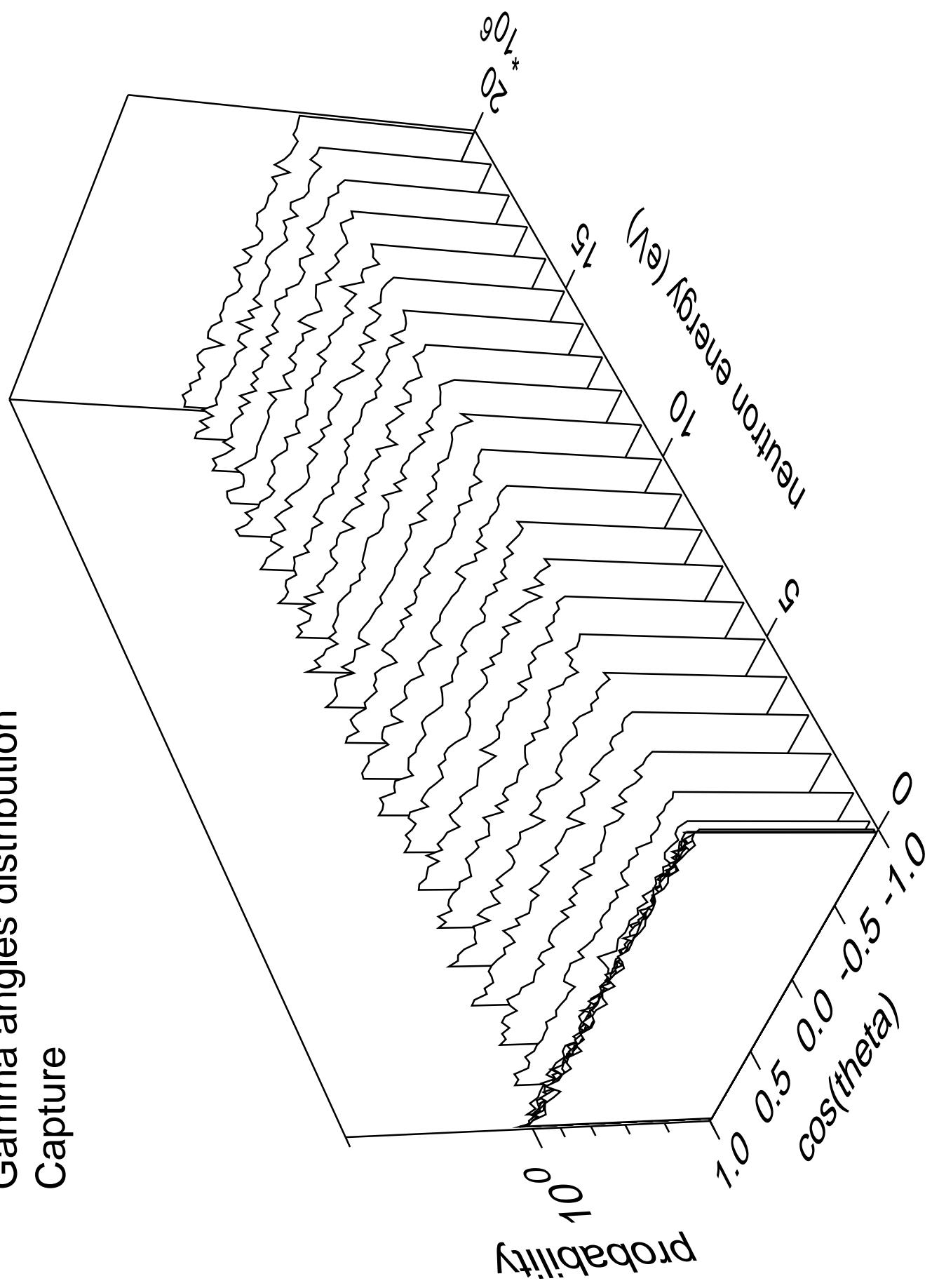
Energy distribution (CMS)  
 $n_{np}$  part.=gamma



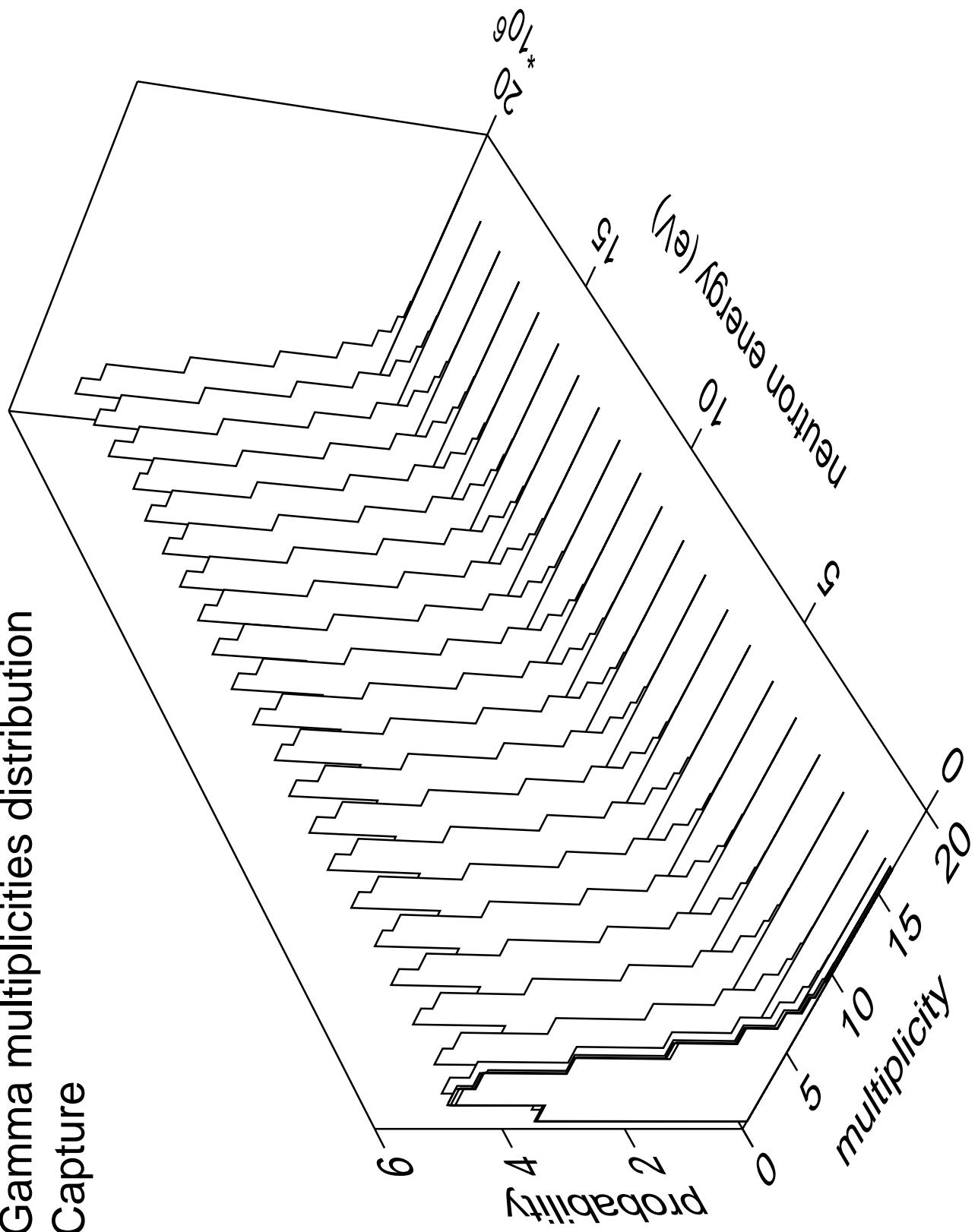
# Gamma energy distribution Capture



# Gamma angles distribution Capture

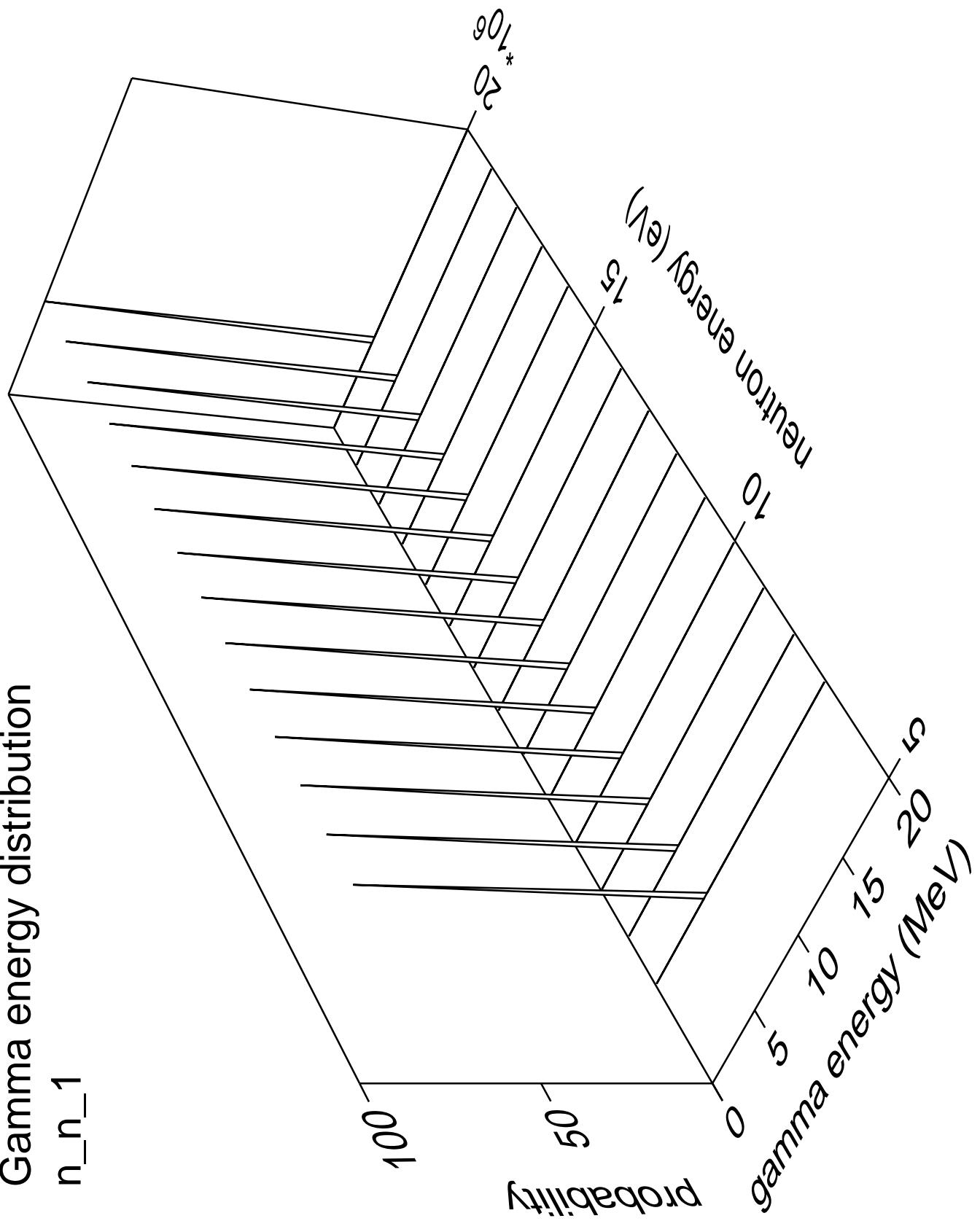


# Gamma multiplicities distribution Capture



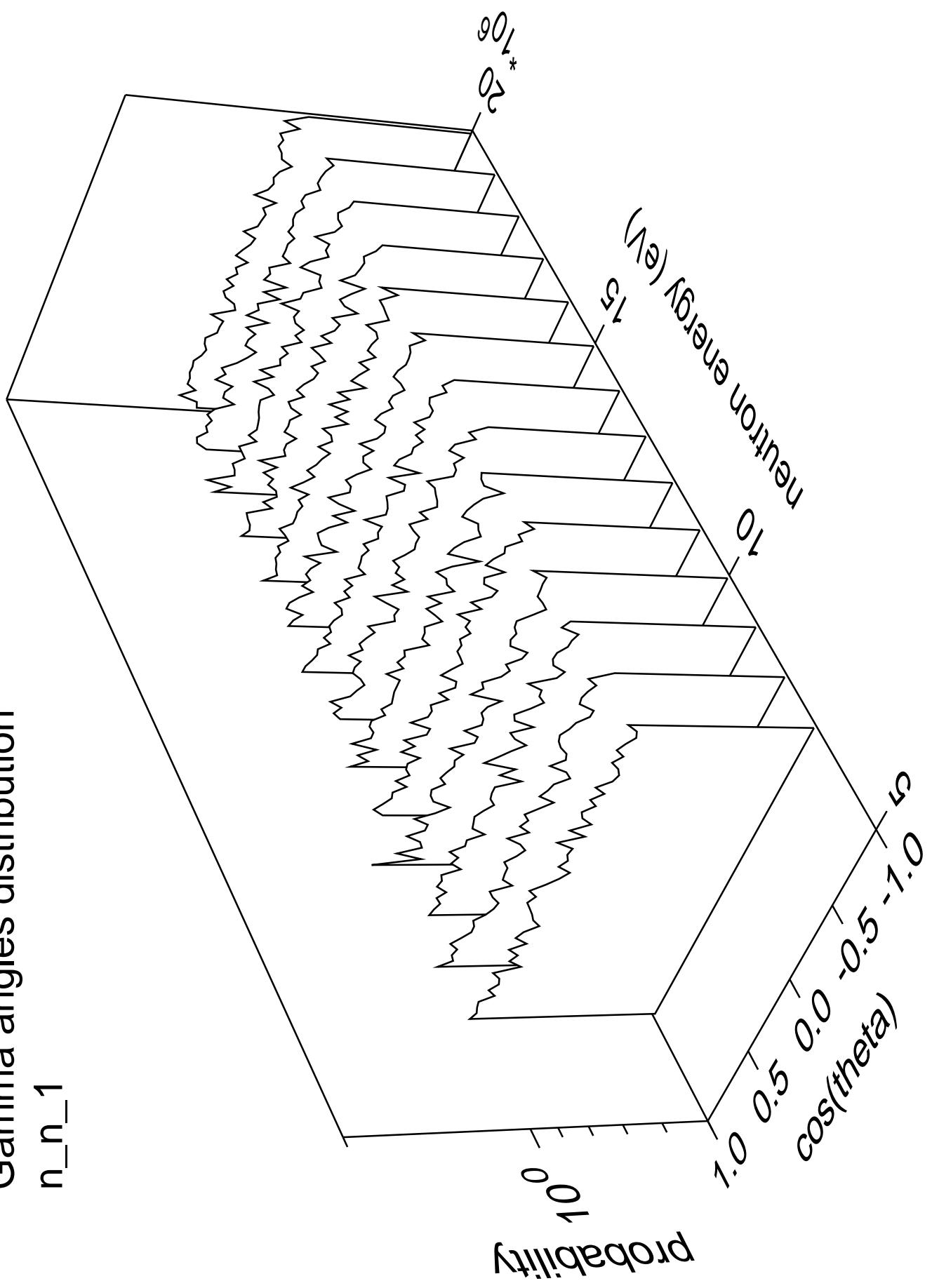
Gamma energy distribution

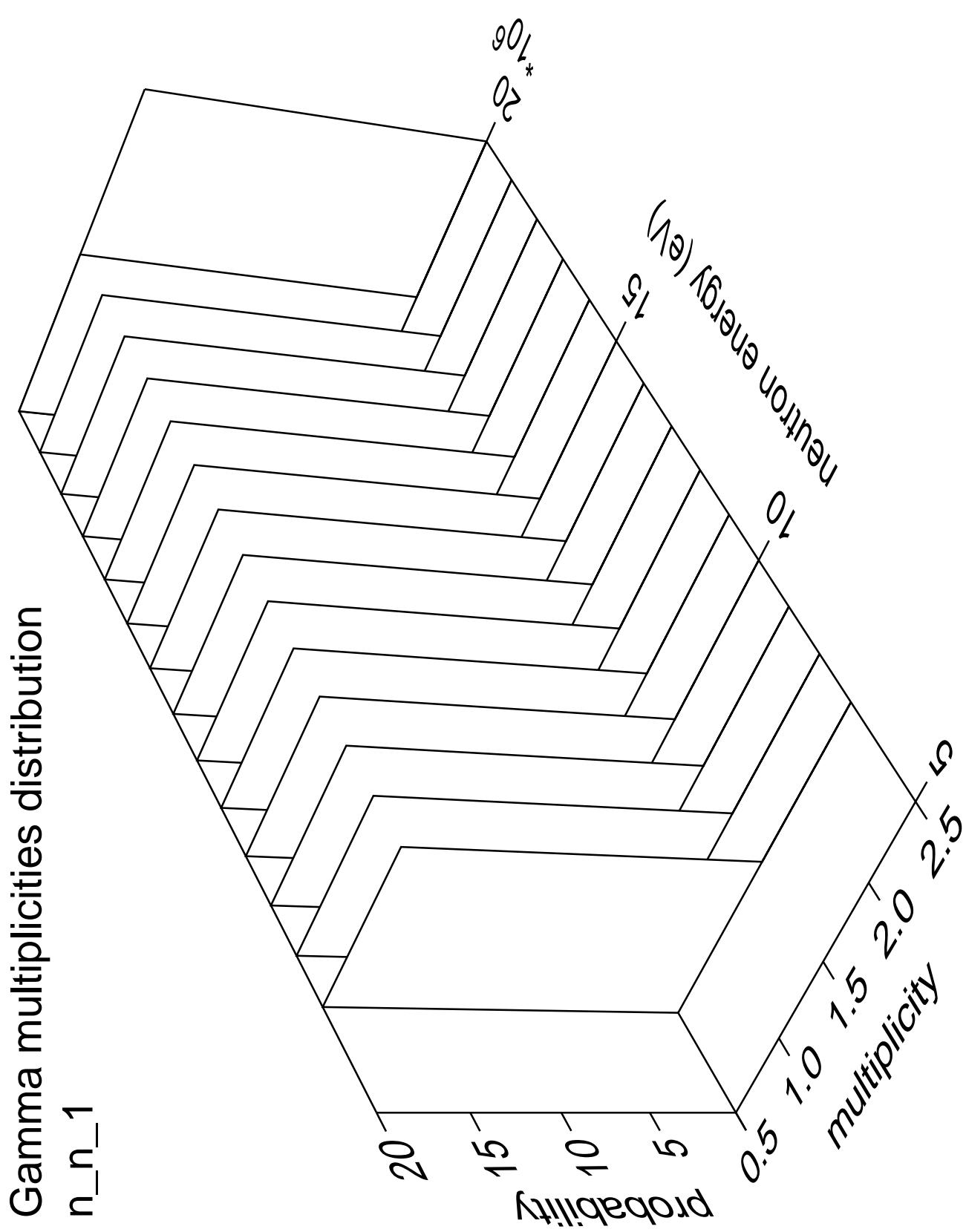
$n_{n_1}$



Gamma angles distribution

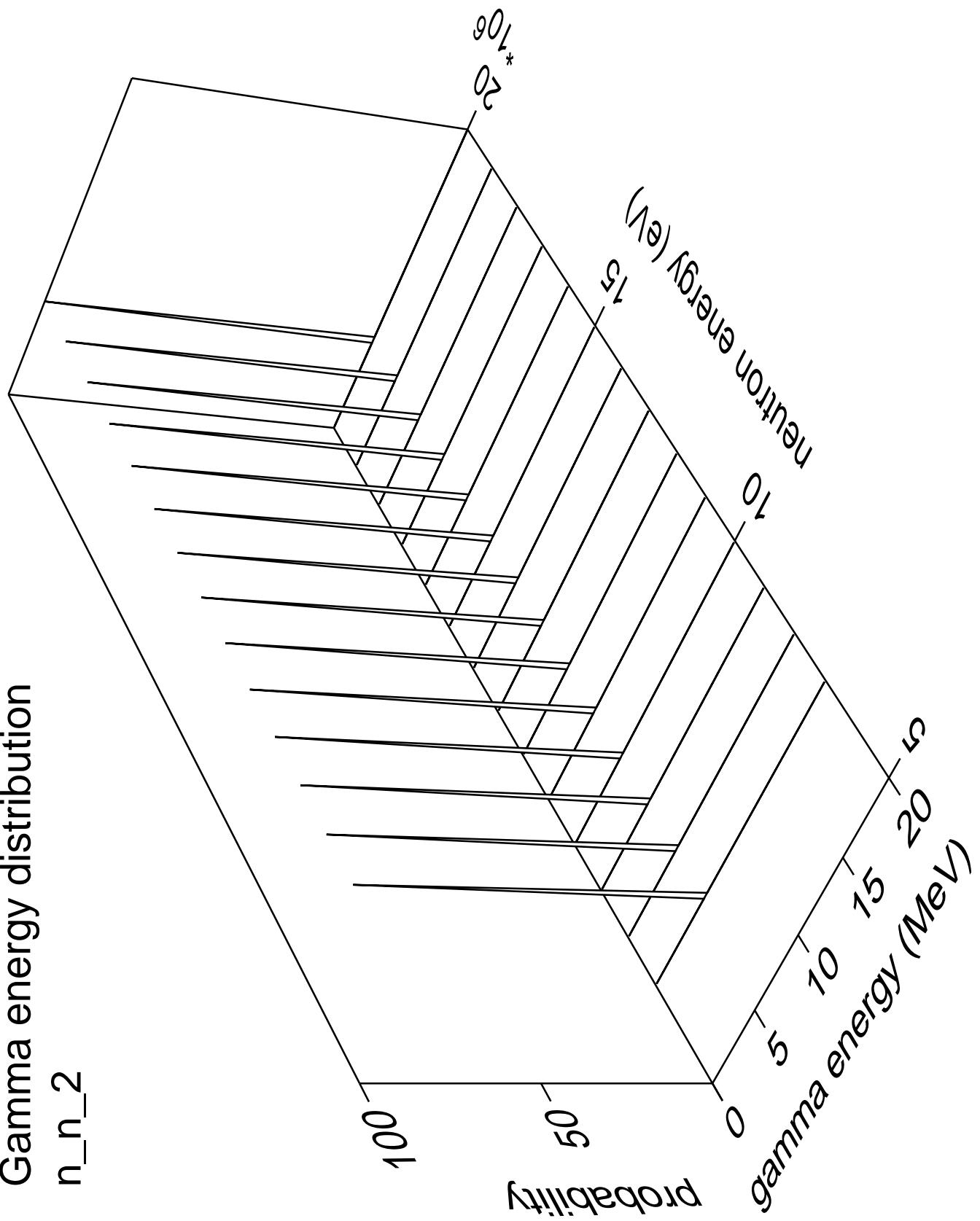
$n_{n_1}$





Gamma energy distribution

n\_n\_2



Gamma angles distribution

$n_n_2$

Probability

$10^0$

$10^1$

$10^2$

$10^3$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

$10^{-7}$

$10^{-8}$

$10^{-9}$

$10^{-10}$

$10^{-11}$

$10^{-12}$

$10^{-13}$

$10^{-14}$

$10^{-15}$

$10^{-16}$

$10^{-17}$

$10^{-18}$

$10^{-19}$

$10^{-20}$

$10^{-21}$

$10^{-22}$

$10^{-23}$

$10^{-24}$

$10^{-25}$

$10^{-26}$

$10^{-27}$

$10^{-28}$

$10^{-29}$

$10^{-30}$

$10^{-31}$

$10^{-32}$

$10^{-33}$

$10^{-34}$

$10^{-35}$

$10^{-36}$

$10^{-37}$

$10^{-38}$

$10^{-39}$

$10^{-40}$

$10^{-41}$

$10^{-42}$

$10^{-43}$

$10^{-44}$

$10^{-45}$

$10^{-46}$

$10^{-47}$

$10^{-48}$

$10^{-49}$

$10^{-50}$

$10^{-51}$

$10^{-52}$

$10^{-53}$

$10^{-54}$

$10^{-55}$

$10^{-56}$

$10^{-57}$

$10^{-58}$

$10^{-59}$

$10^{-60}$

$10^{-61}$

$10^{-62}$

$10^{-63}$

$10^{-64}$

$10^{-65}$

$10^{-66}$

$10^{-67}$

$10^{-68}$

$10^{-69}$

$10^{-70}$

$10^{-71}$

$10^{-72}$

$10^{-73}$

$10^{-74}$

$10^{-75}$

$10^{-76}$

$10^{-77}$

$10^{-78}$

$10^{-79}$

$10^{-80}$

$10^{-81}$

$10^{-82}$

$10^{-83}$

$10^{-84}$

$10^{-85}$

$10^{-86}$

$10^{-87}$

$10^{-88}$

$10^{-89}$

$10^{-90}$

$10^{-91}$

$10^{-92}$

$10^{-93}$

$10^{-94}$

$10^{-95}$

$10^{-96}$

$10^{-97}$

$10^{-98}$

$10^{-99}$

$10^{-100}$

$10^{-101}$

$10^{-102}$

$10^{-103}$

$10^{-104}$

$10^{-105}$

$10^{-106}$

$10^{-107}$

$10^{-108}$

$10^{-109}$

$10^{-110}$

$10^{-111}$

$10^{-112}$

$10^{-113}$

$10^{-114}$

$10^{-115}$

$10^{-116}$

$10^{-117}$

$10^{-118}$

$10^{-119}$

$10^{-120}$

$10^{-121}$

$10^{-122}$

$10^{-123}$

$10^{-124}$

$10^{-125}$

$10^{-126}$

$10^{-127}$

$10^{-128}$

$10^{-129}$

$10^{-130}$

$10^{-131}$

$10^{-132}$

$10^{-133}$

$10^{-134}$

$10^{-135}$

$10^{-136}$

$10^{-137}$

$10^{-138}$

$10^{-139}$

$10^{-140}$

$10^{-141}$

$10^{-142}$

$10^{-143}$

$10^{-144}$

$10^{-145}$

$10^{-146}$

$10^{-147}$

$10^{-148}$

$10^{-149}$

$10^{-150}$

$10^{-151}$

$10^{-152}$

$10^{-153}$

$10^{-154}$

$10^{-155}$

$10^{-156}$

$10^{-157}$

$10^{-158}$

$10^{-159}$

$10^{-160}$

$10^{-161}$

$10^{-162}$

$10^{-163}$

$10^{-164}$

$10^{-165}$

$10^{-166}$

$10^{-167}$

$10^{-168}$

$10^{-169}$

$10^{-170}$

$10^{-171}$

$10^{-172}$

$10^{-173}$

$10^{-174}$

$10^{-175}$

$10^{-176}$

$10^{-177}$

$10^{-178}$

$10^{-179}$

$10^{-180}$

$10^{-181}$

$10^{-182}$

$10^{-183}$

$10^{-184}$

$10^{-185}$

$10^{-186}$

$10^{-187}$

$10^{-188}$

$10^{-189}$

$10^{-190}$

$10^{-191}$

$10^{-192}$

$10^{-193}$

$10^{-194}$

$10^{-195}$

$10^{-196}$

$10^{-197}$

$10^{-198}$

$10^{-199}$

$10^{-200}$

$10^{-201}$

$10^{-202}$

$10^{-203}$

$10^{-204}$

$10^{-205}$

$10^{-206}$

$10^{-207}$

$10^{-208}$

$10^{-209}$

$10^{-210}$

$10^{-211}$

$10^{-212}$

$10^{-213}$

$10^{-214}$

$10^{-215}$

$10^{-216}$

$10^{-217}$

$10^{-218}$

$10^{-219}$

$10^{-220}$

$10^{-221}$

$10^{-222}$

$10^{-223}$

$10^{-224}$

$10^{-225}$

$10^{-226}$

$10^{-227}$

$10^{-228}$

$10^{-229}$

$10^{-230}$

$10^{-231}$

$10^{-232}$

$10^{-233}$

$10^{-234}$

$10^{-235}$

$10^{-236}$

$10^{-237}$

$10^{-238}$

$10^{-239}$

$10^{-240}$

$10^{-241}$

$10^{-242}$

$10^{-243}$

$10^{-244}$

$10^{-245}$

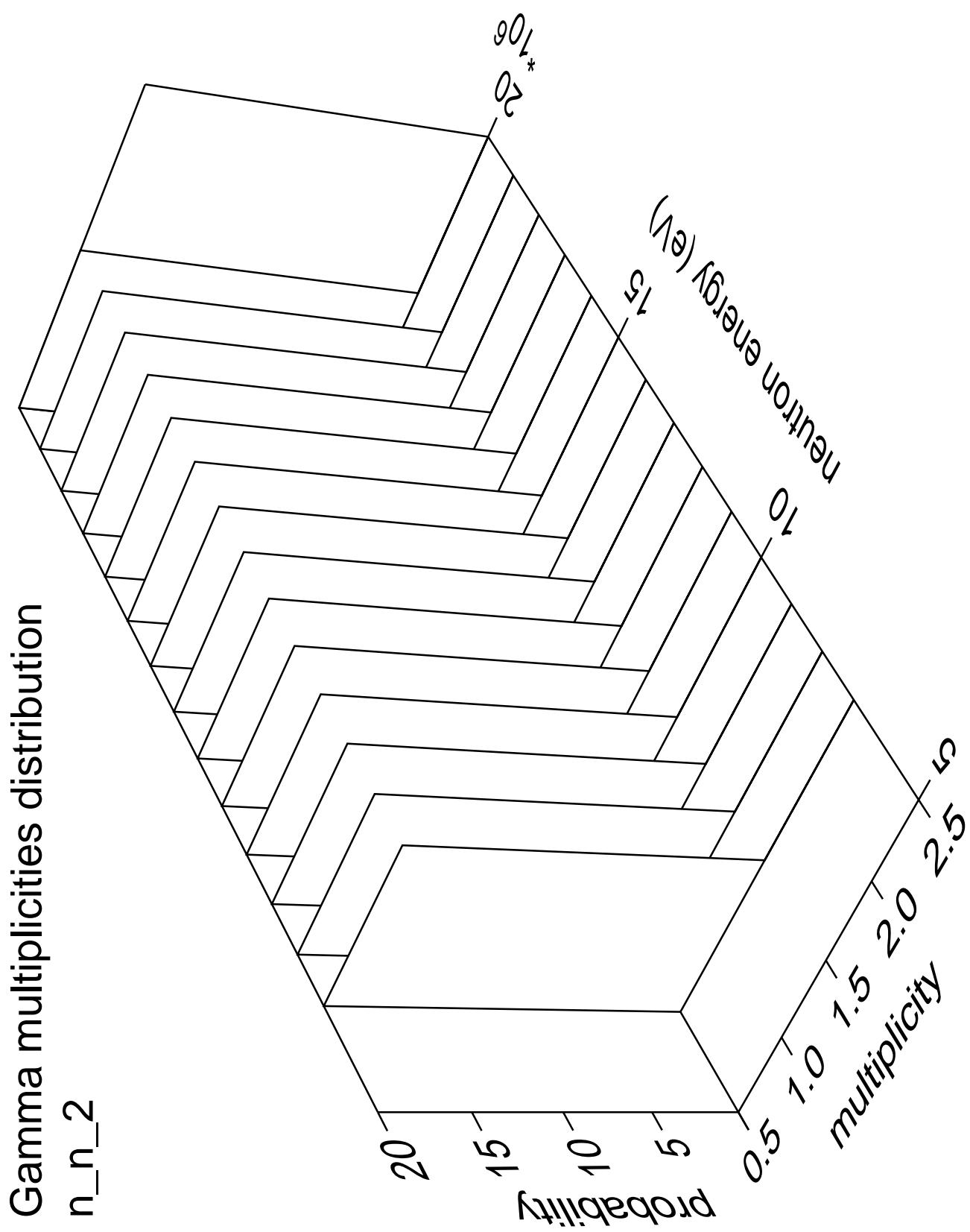
$10^{-246}$

$10^{-247}$

$10^{-248}$

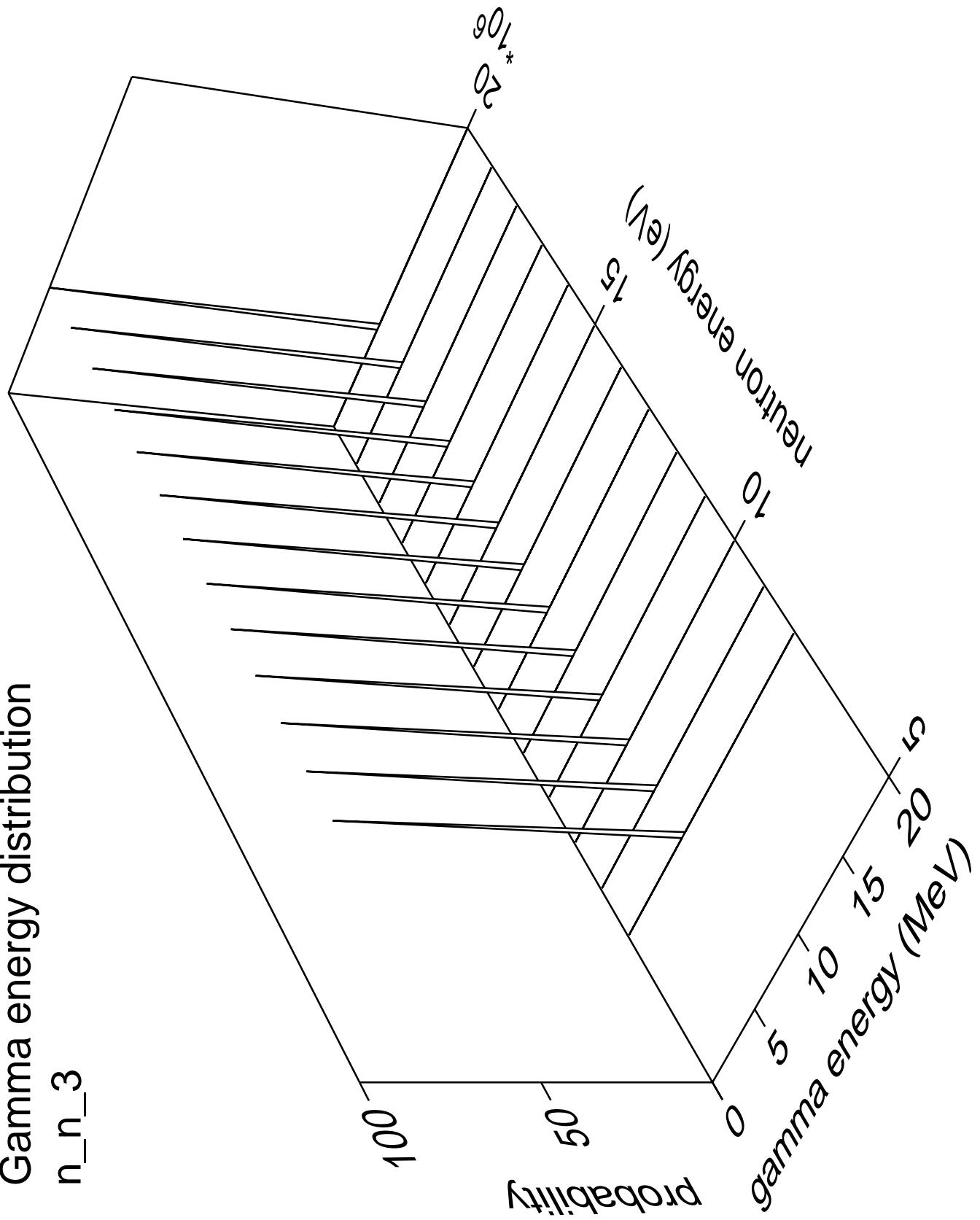
$10^{-249}$

$10^{-250}$



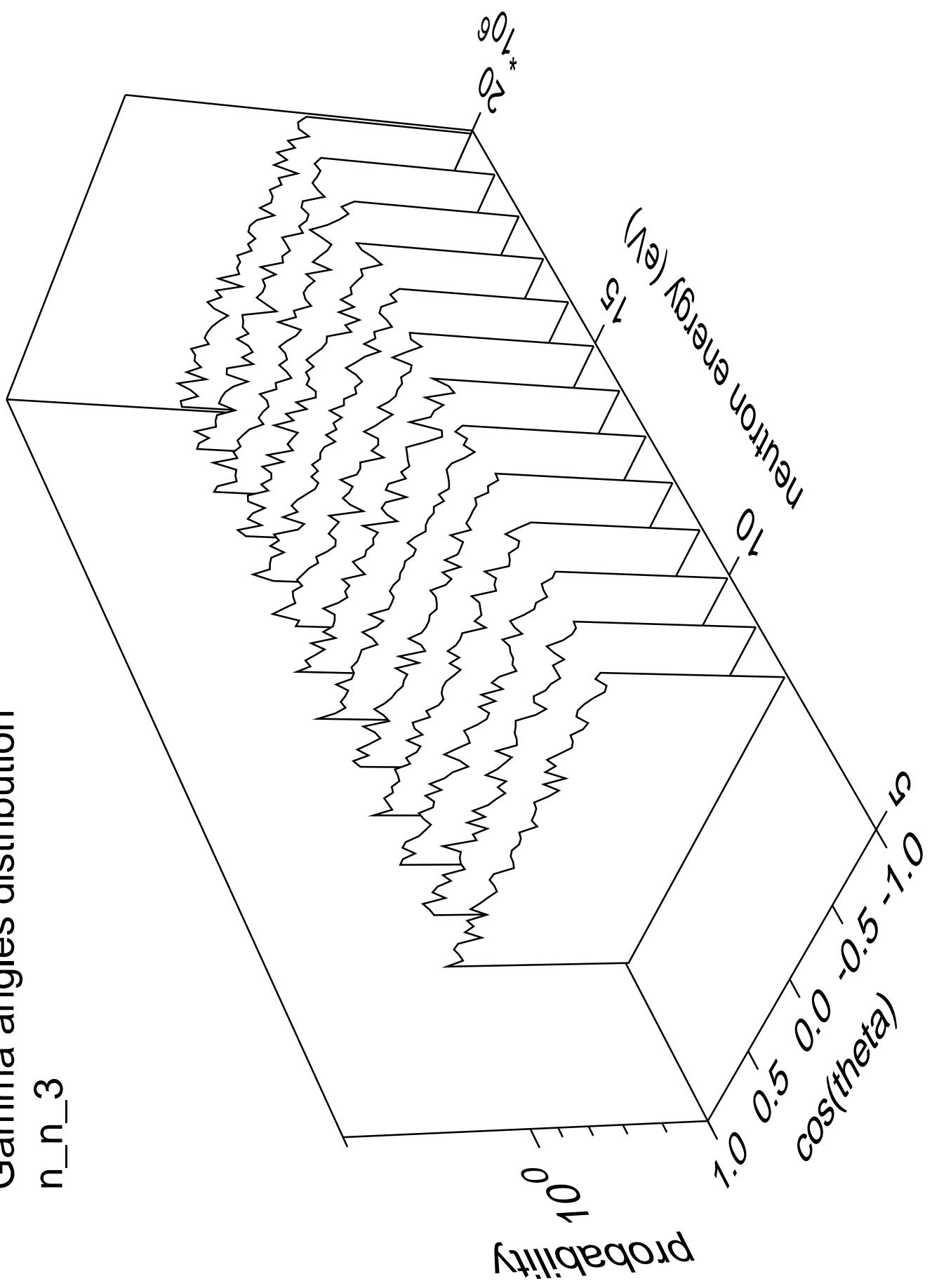
### Gamma energy distribution

n\_n\_3



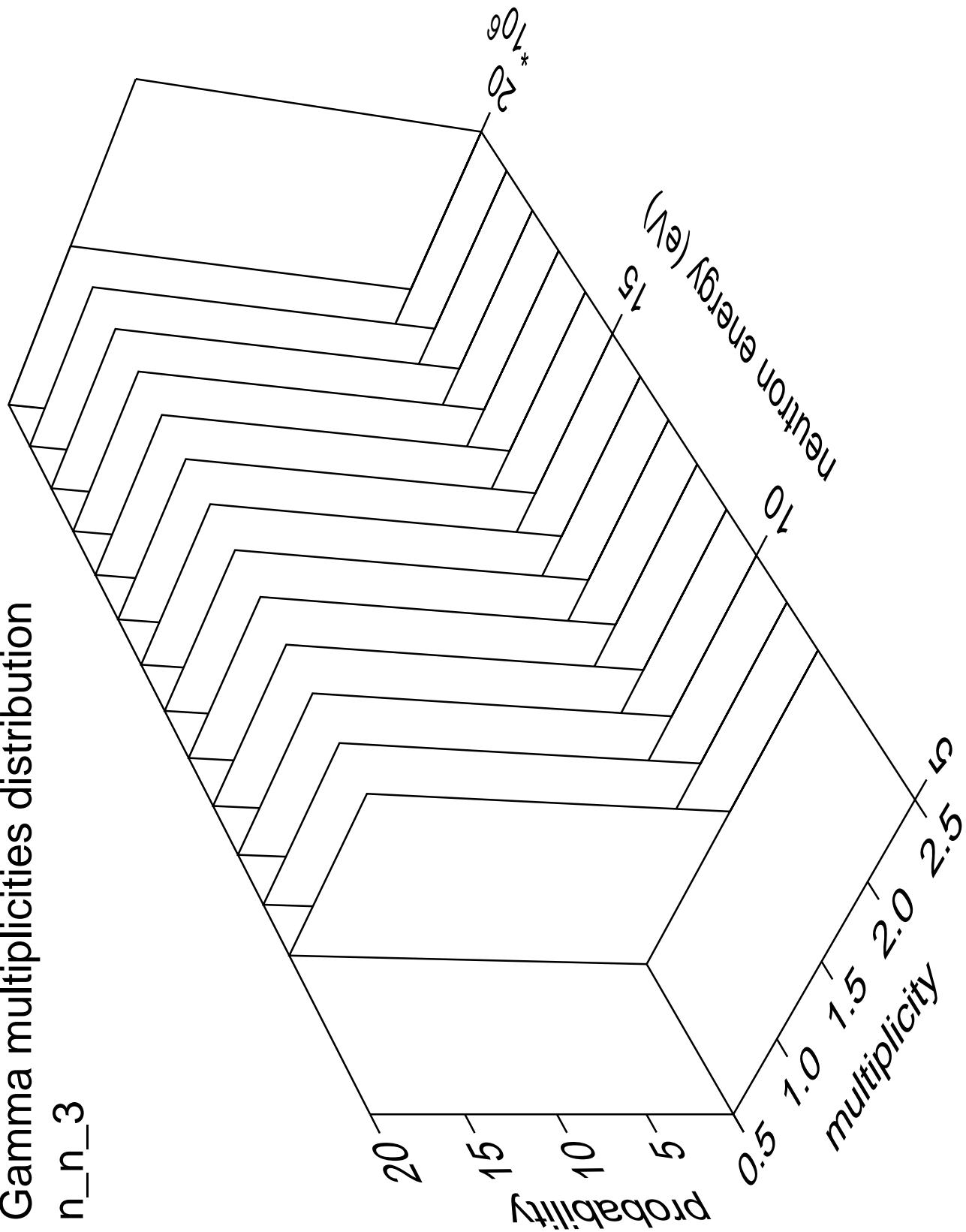
Gamma angles distribution

n\_n\_3

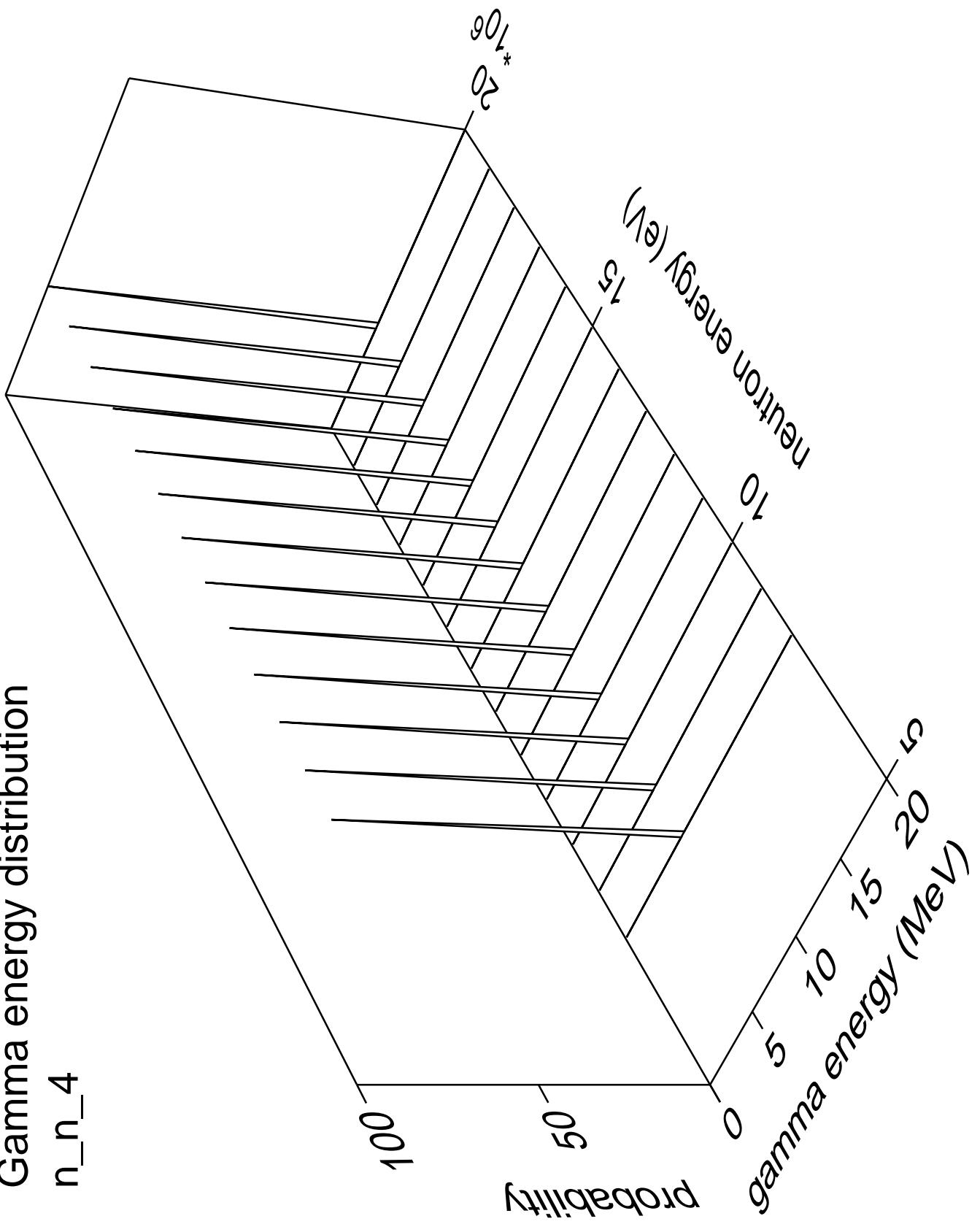


### Gamma multiplicities distribution

$n_{n\_3}$

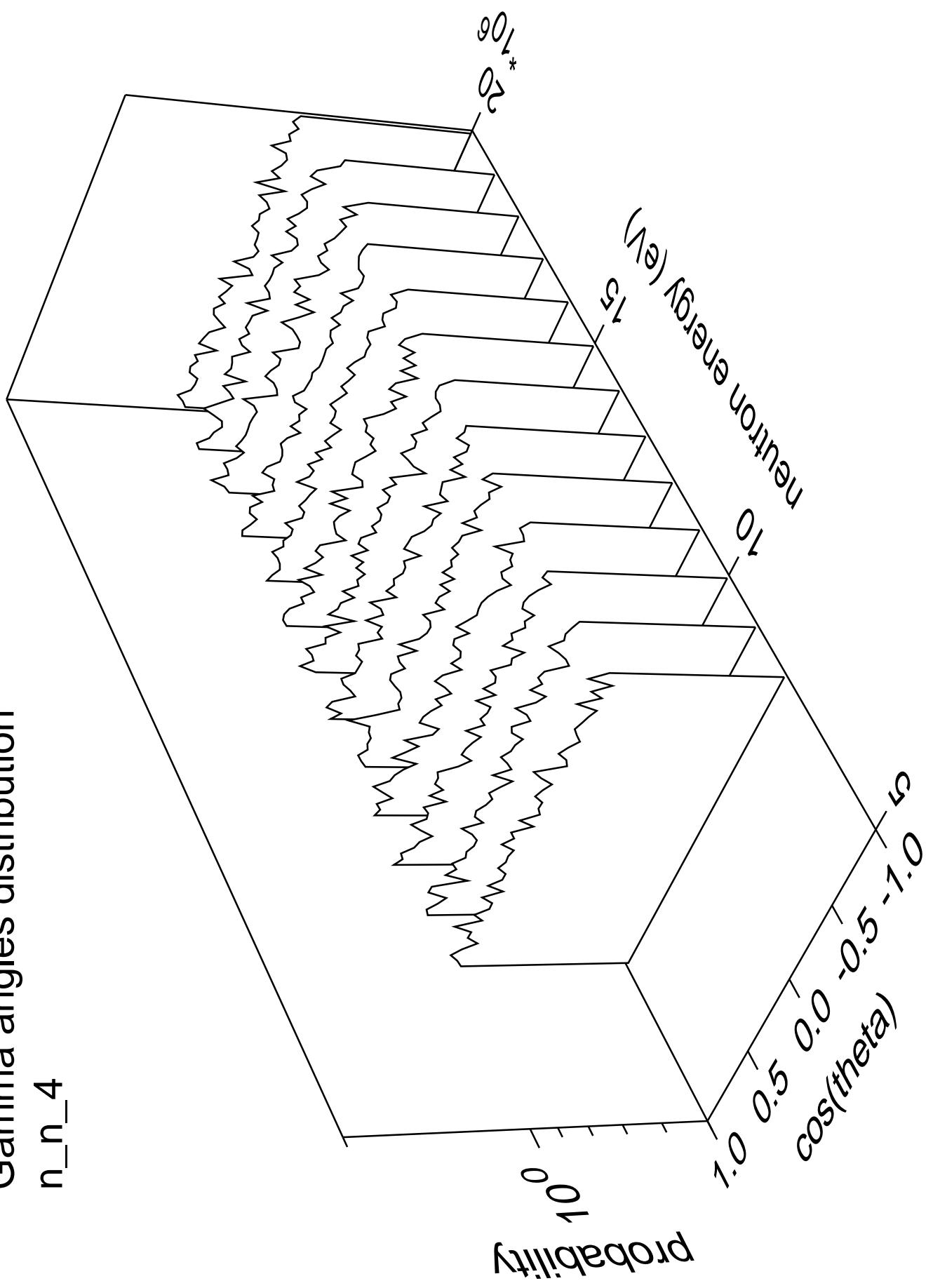


# Gamma energy distribution n\_n\_4

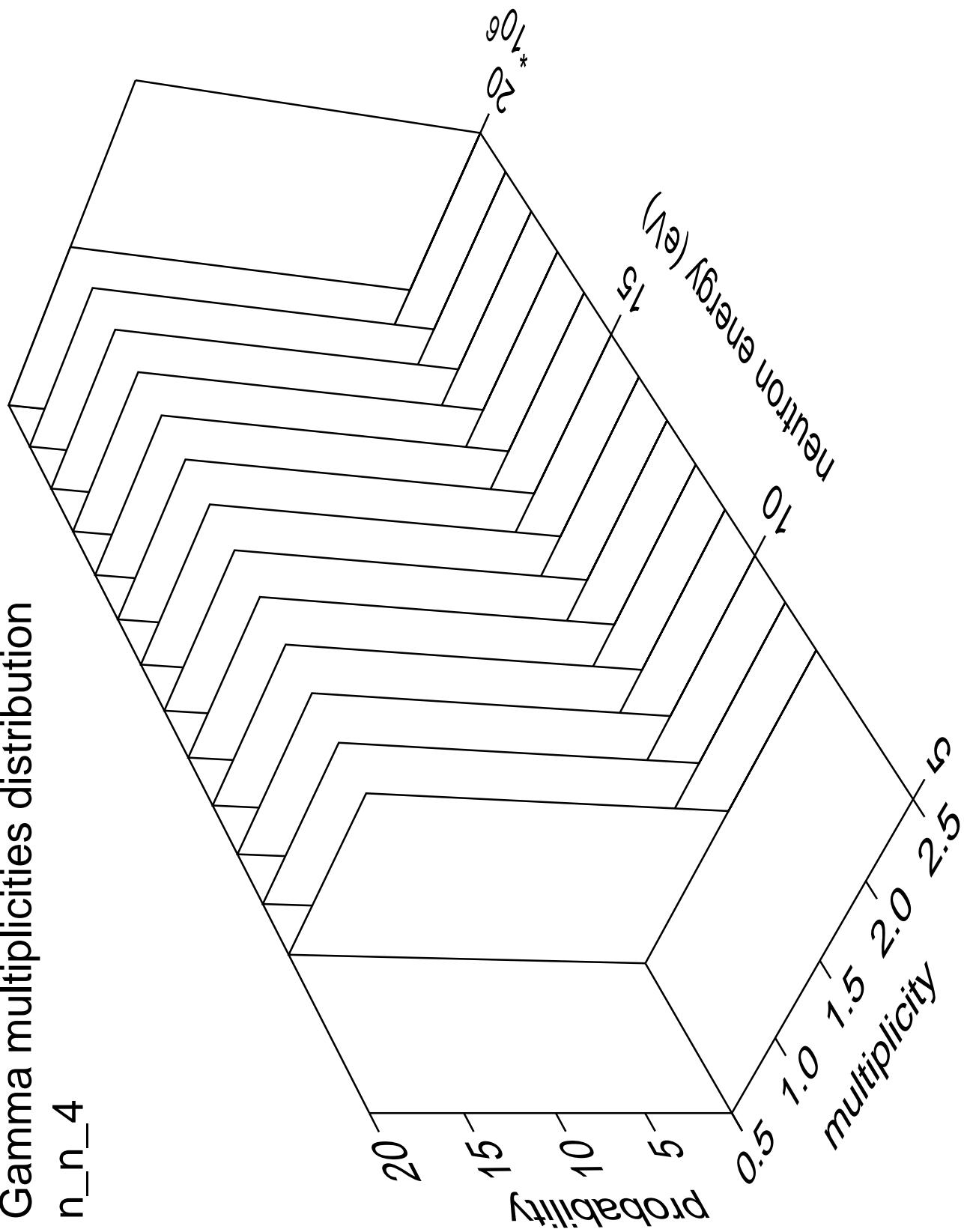


Gamma angles distribution

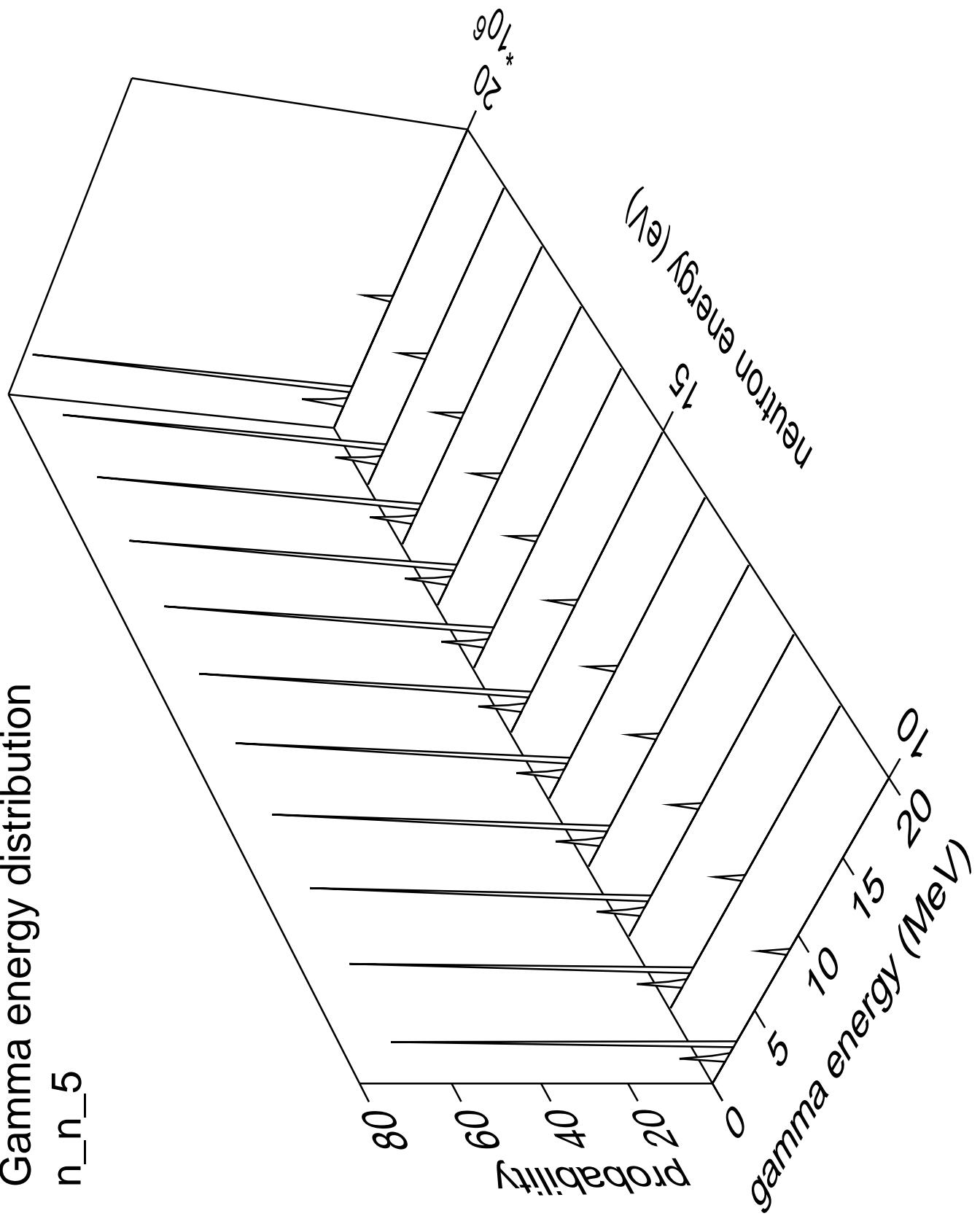
n\_n\_4



## Gamma multiplicities distribution

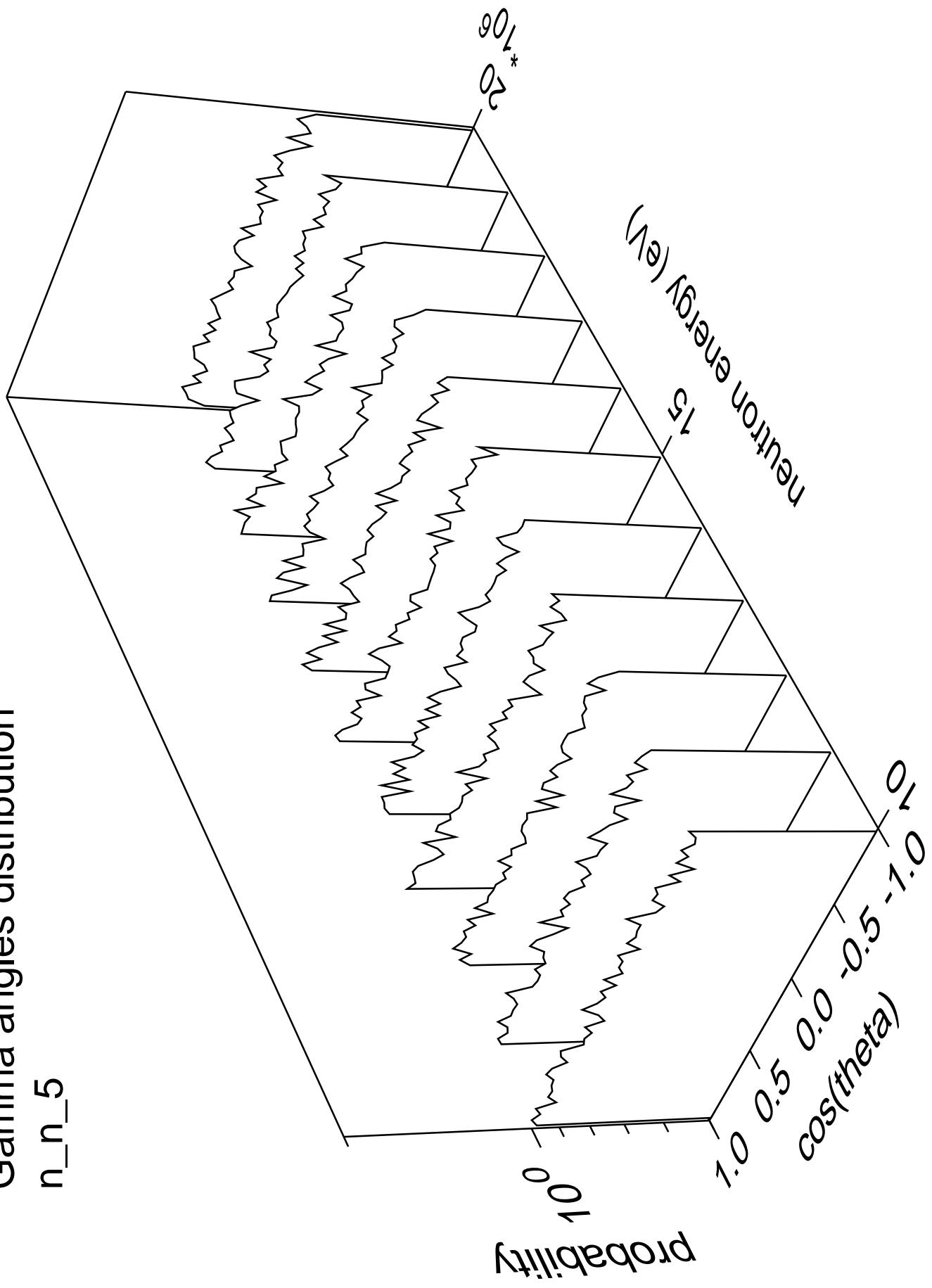


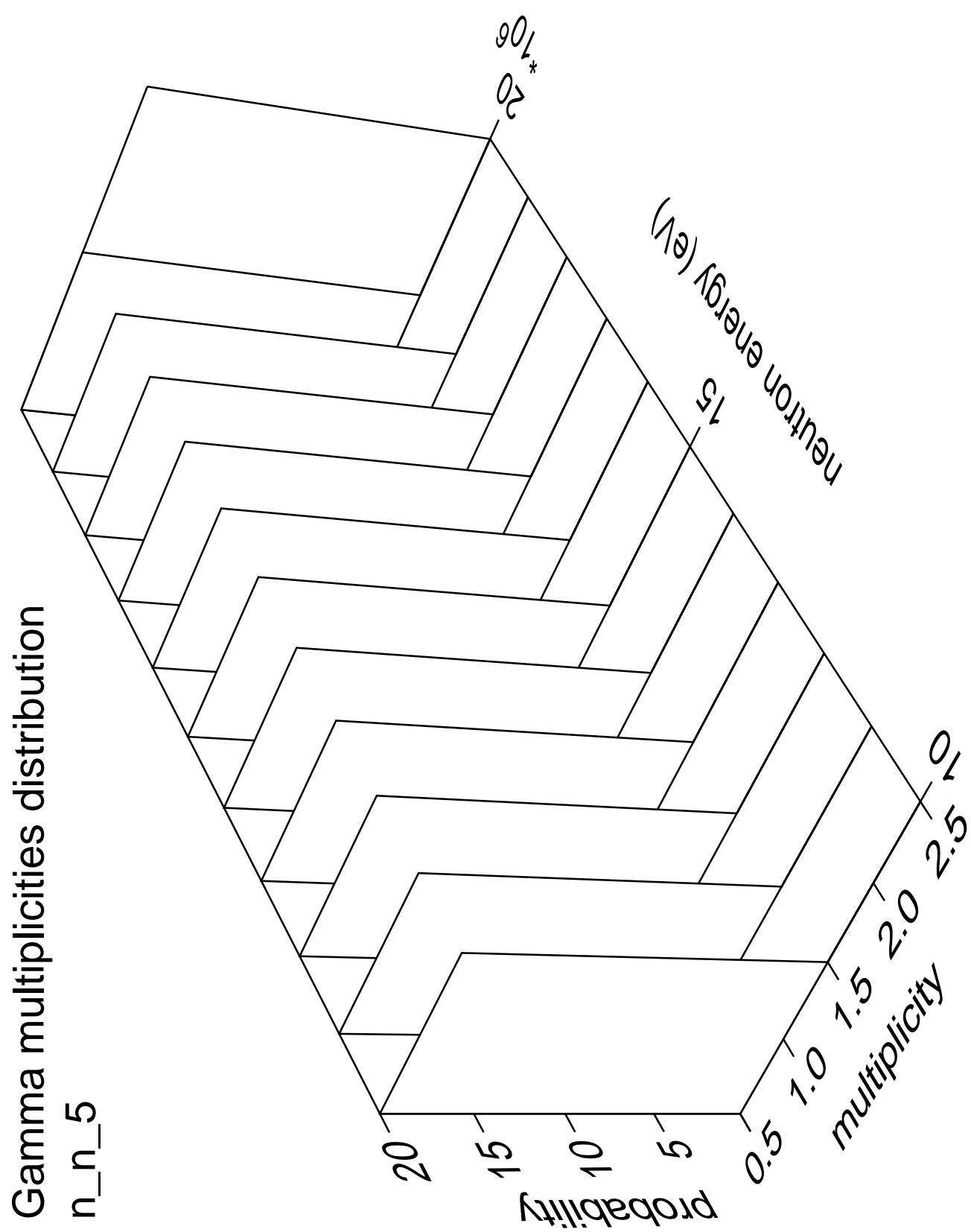
## Gamma energy distribution



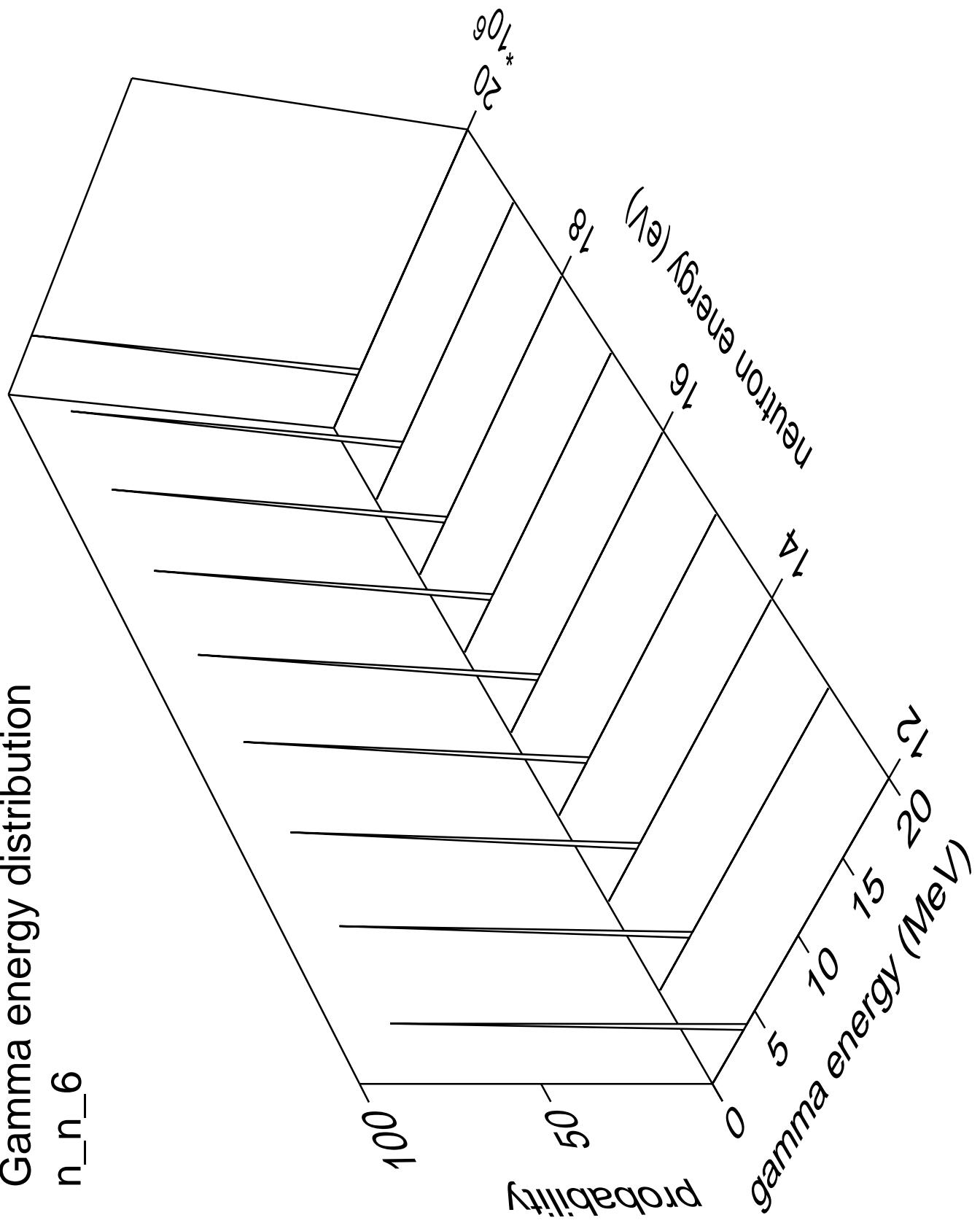
Gamma angles distribution

n\_n\_5



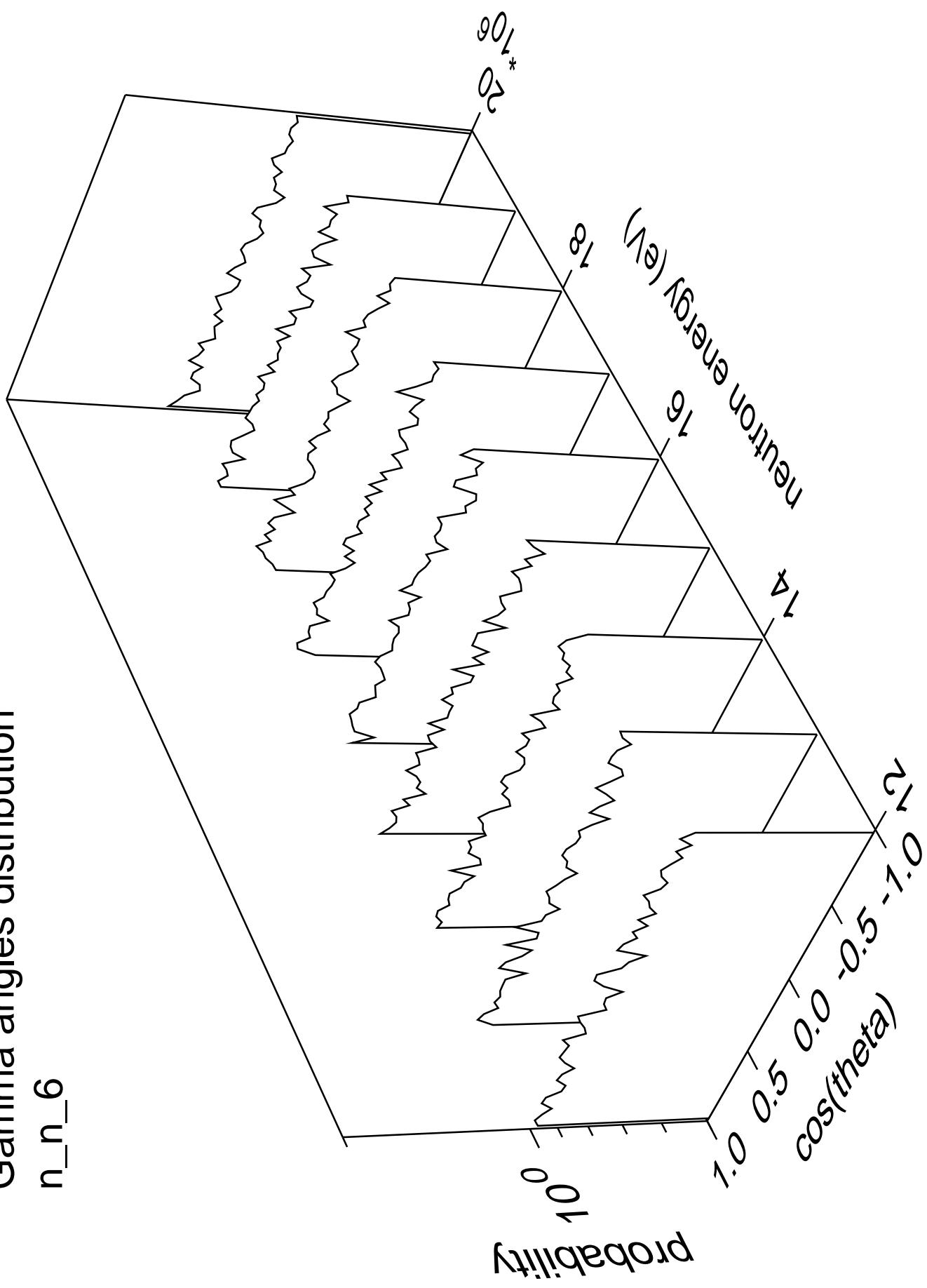


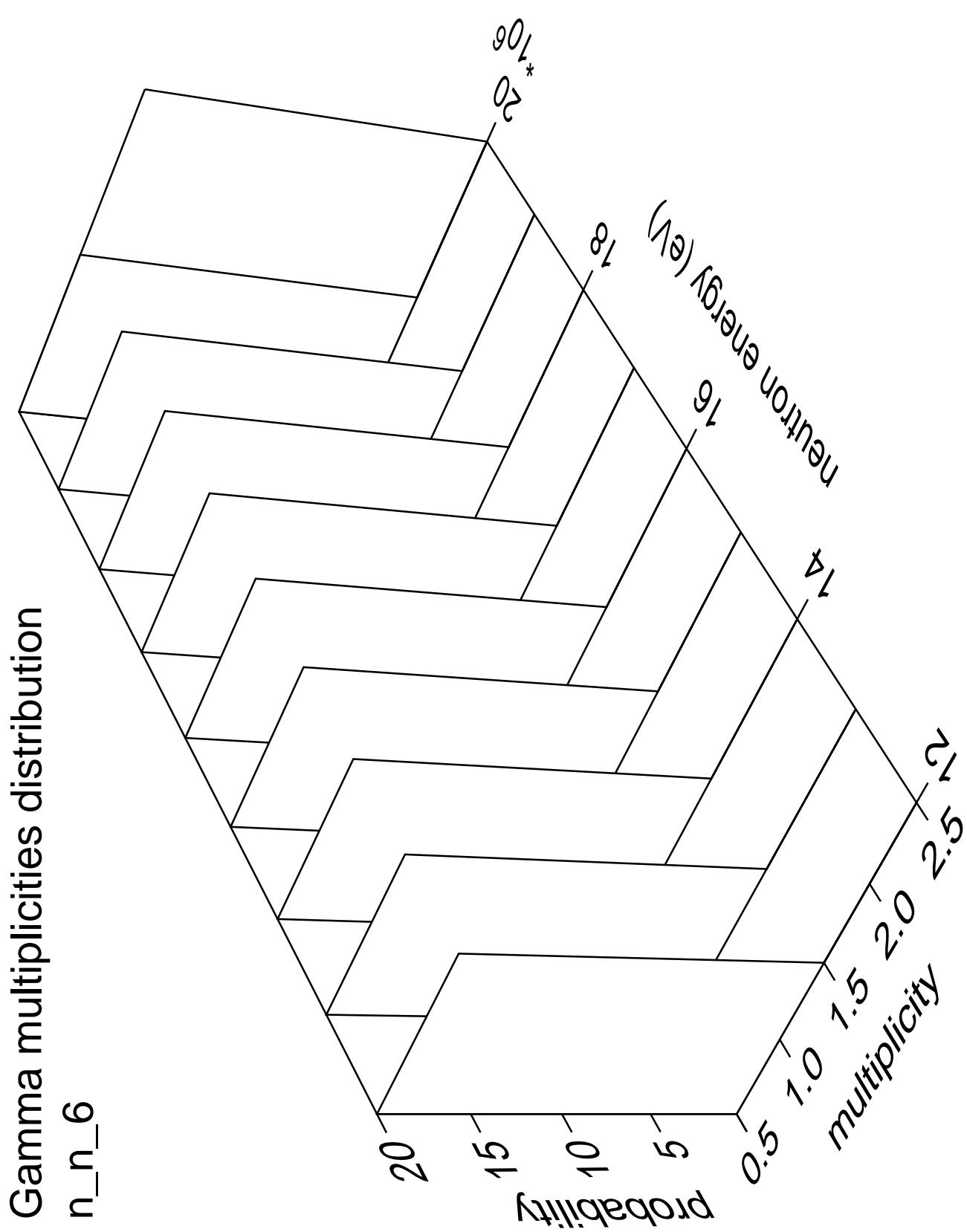
## Gamma energy distribution



Gamma angles distribution

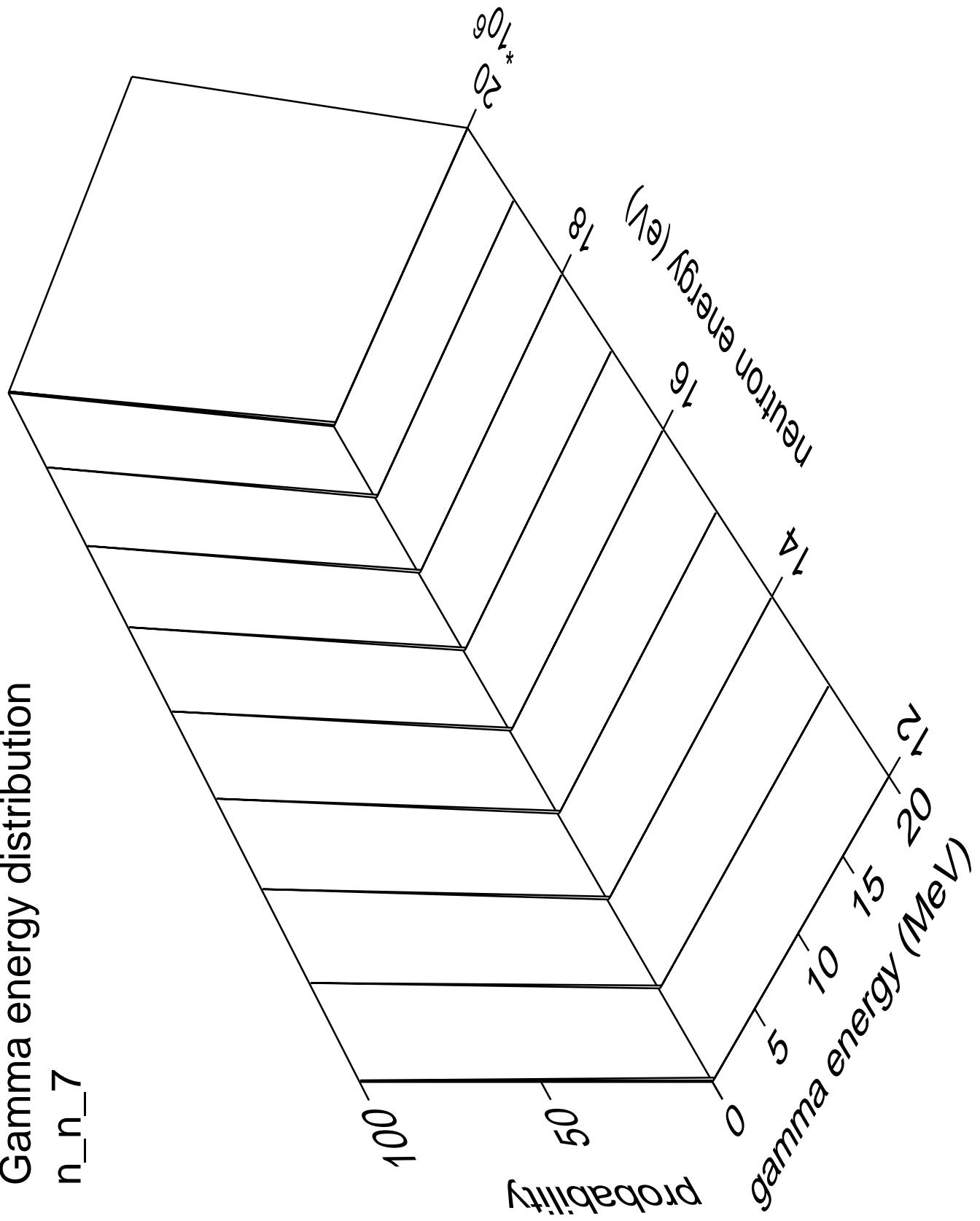
n\_n\_6





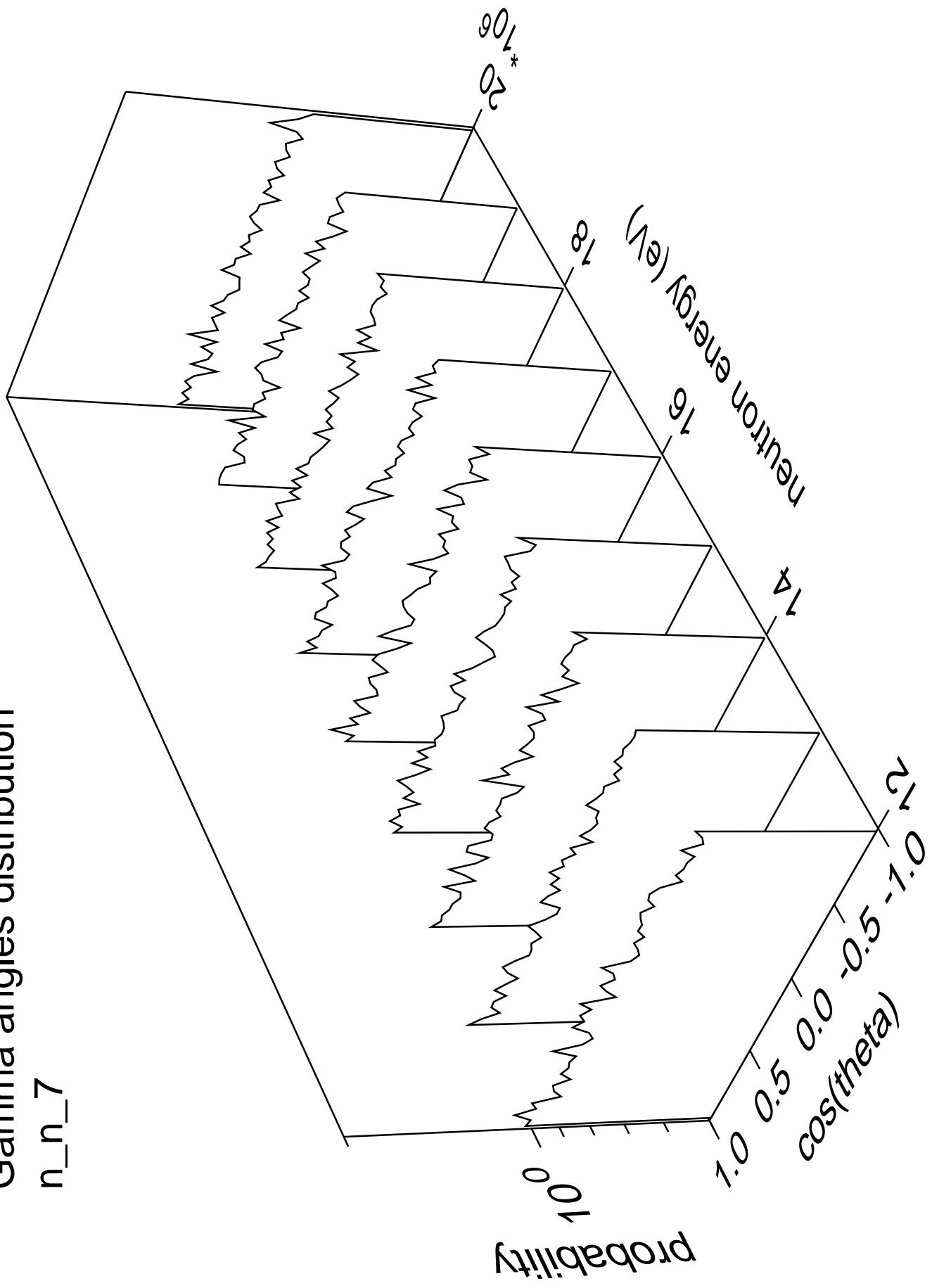
## Gamma energy distribution

$n_n_7$



Gamma angles distribution

n\_n\_7



## Gamma multiplicities distribution

$n_n_7$

Probability

0.5 1.0 1.5 2.0 2.5

multiplicity

2.5  
2.0  
1.5  
1.0  
0.5

4

Neutron energy (eV)

100  
200

180

160

140

120

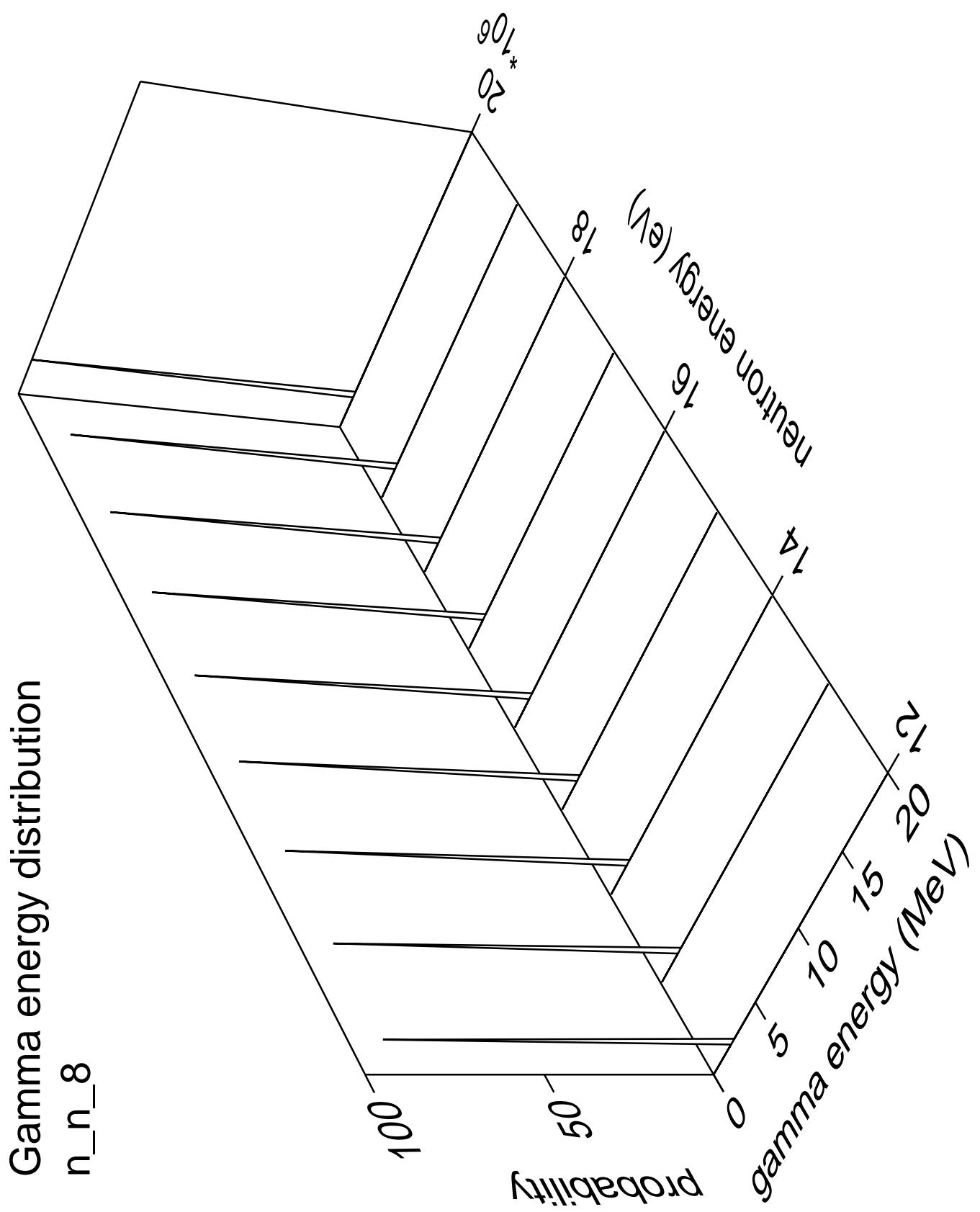
100

80

60

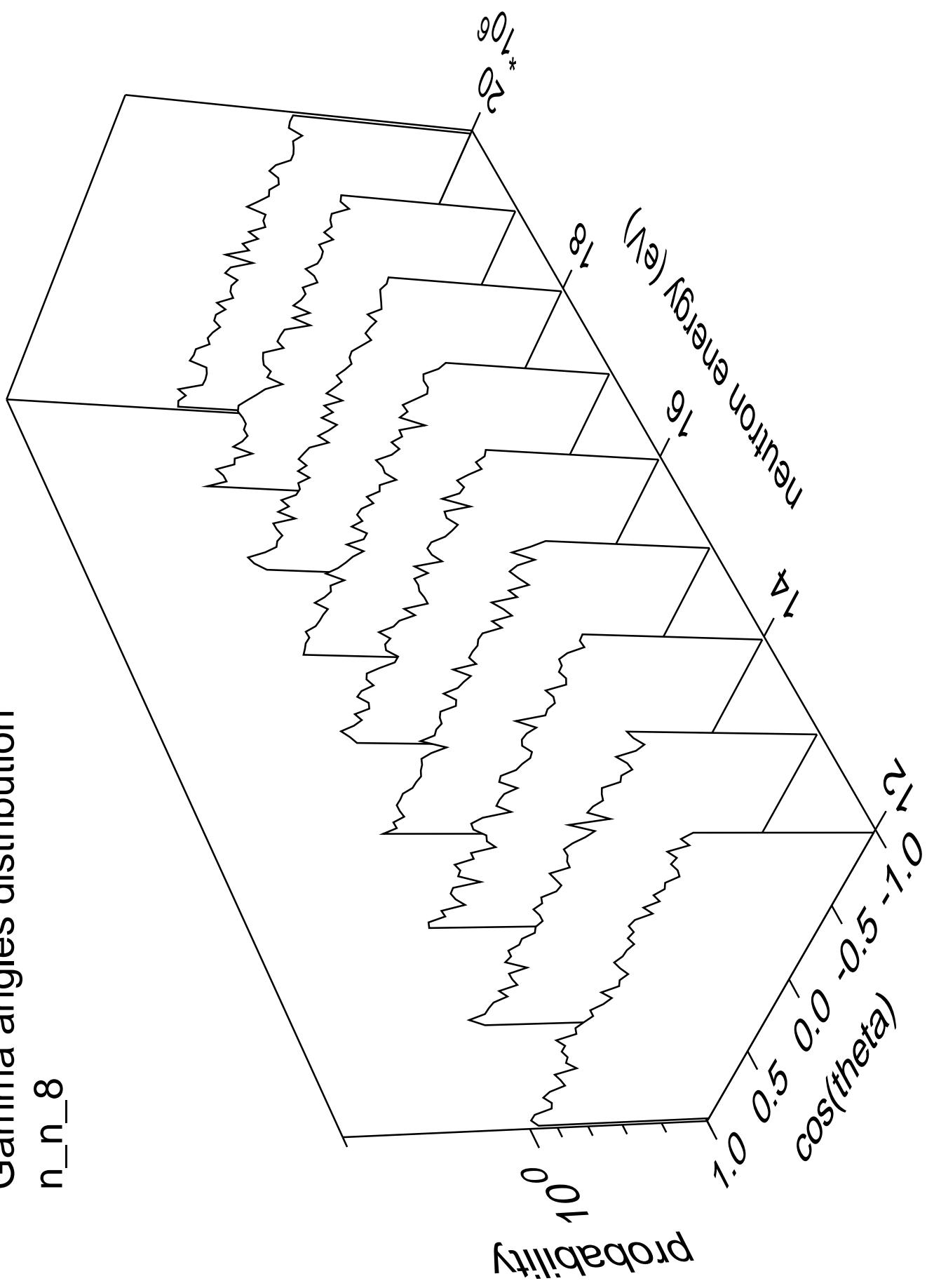
40

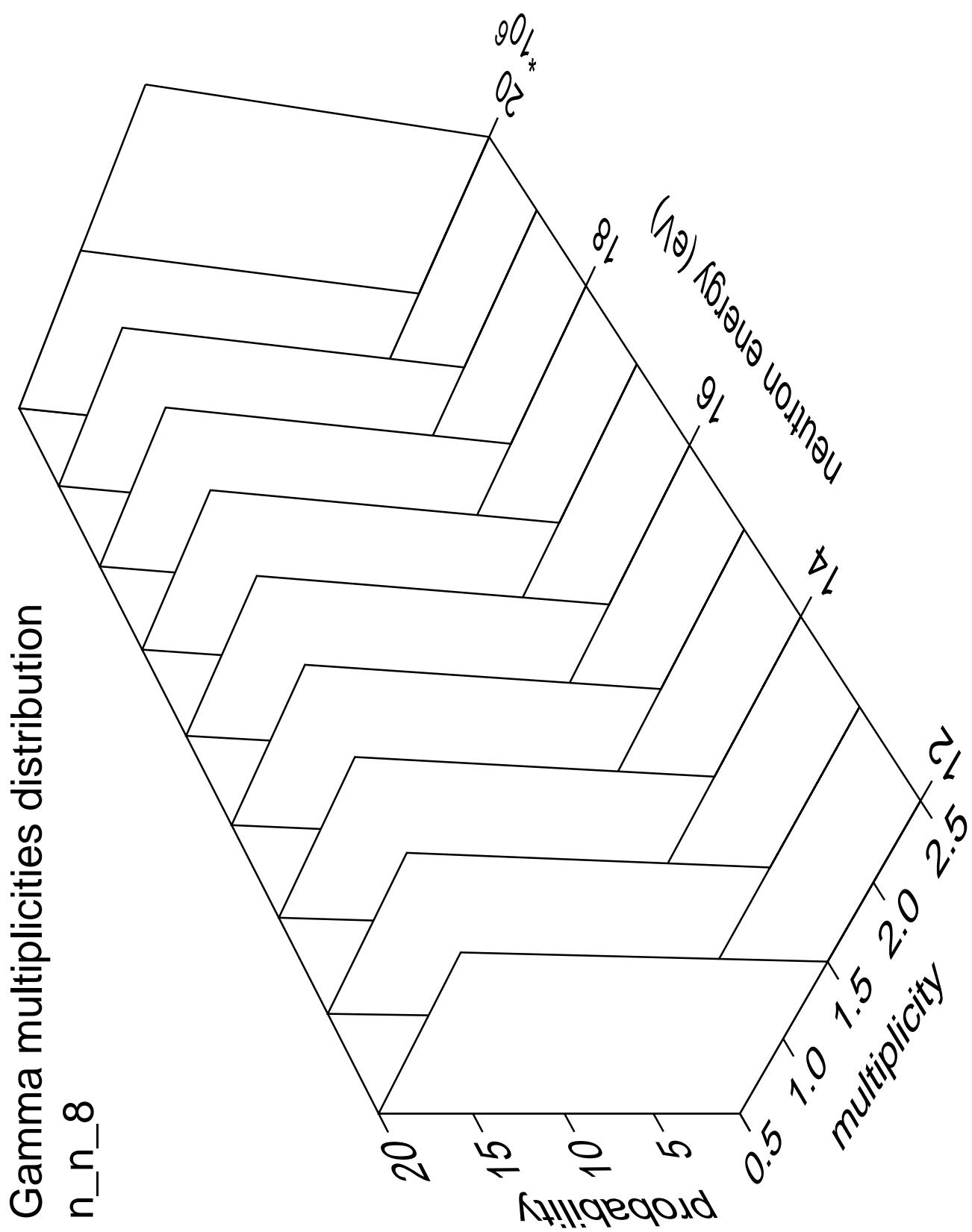
20



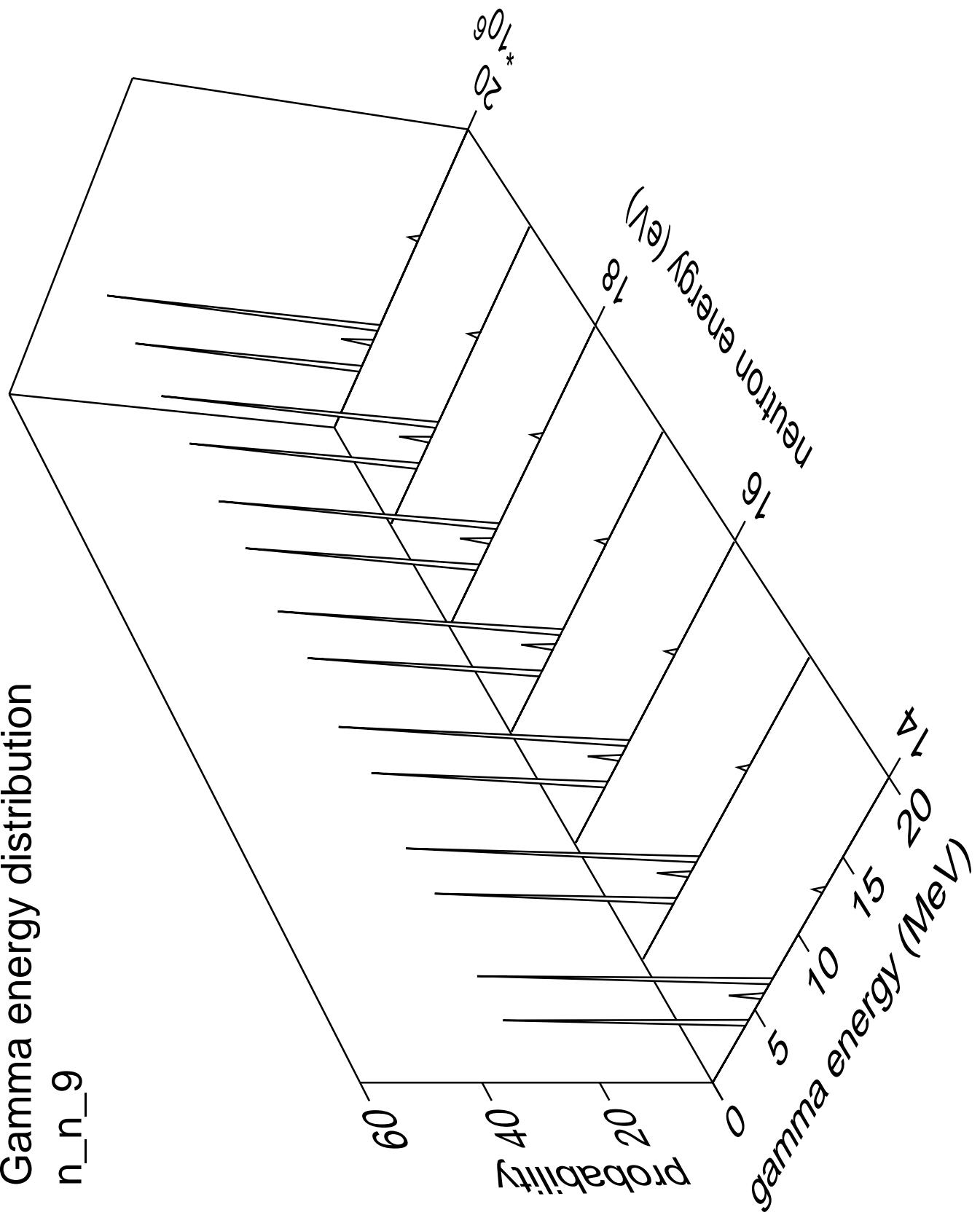
Gamma angles distribution

n\_n\_8



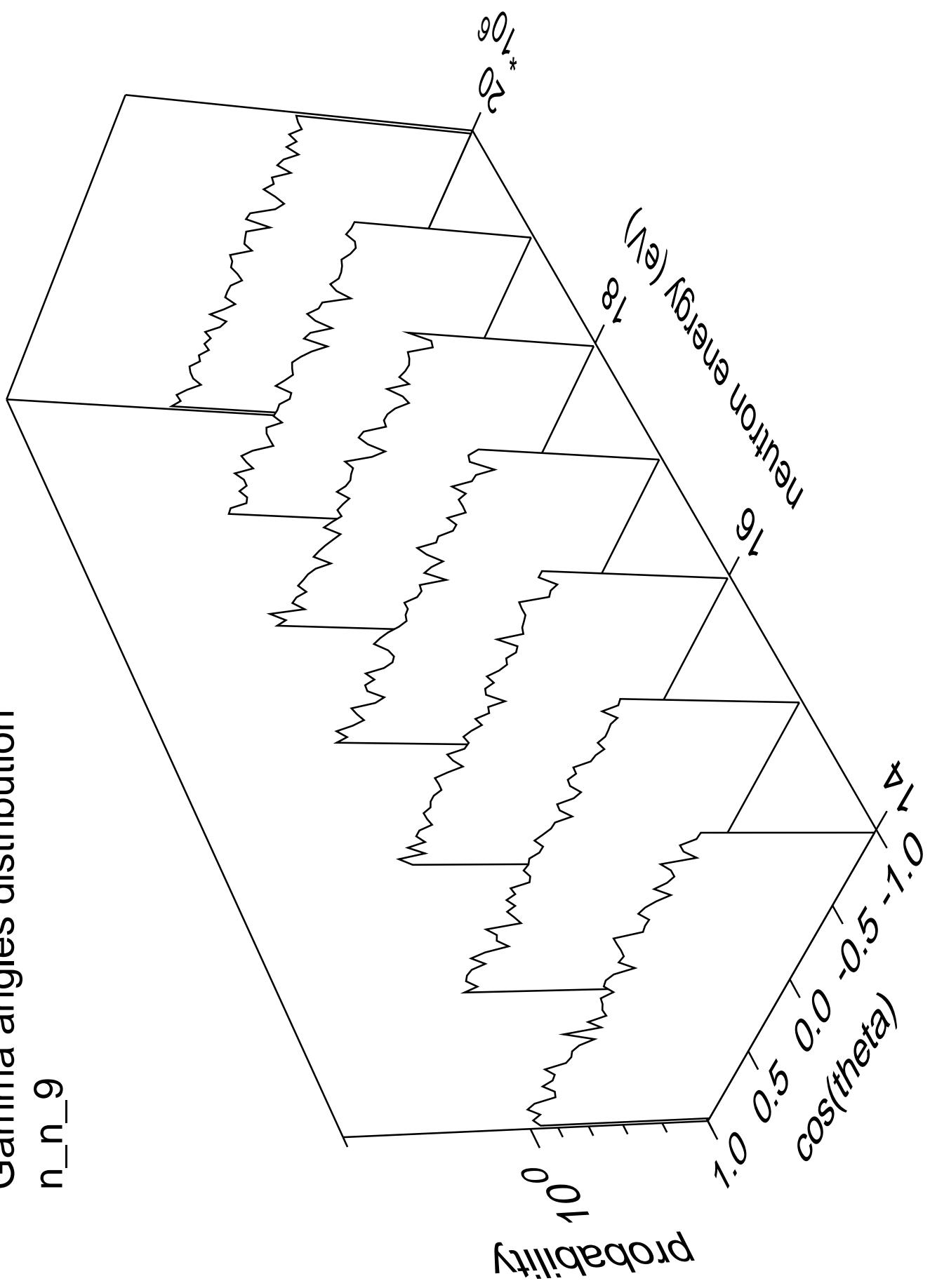


# Gamma energy distribution



Gamma angles distribution

n\_n\_9



Gamma multiplicities distribution

n\_n\_9

Probability

0.5 1.0 1.5 2.0 2.5

multiplicity

Δ

2.5

2.0

1.5

1.0

0.5

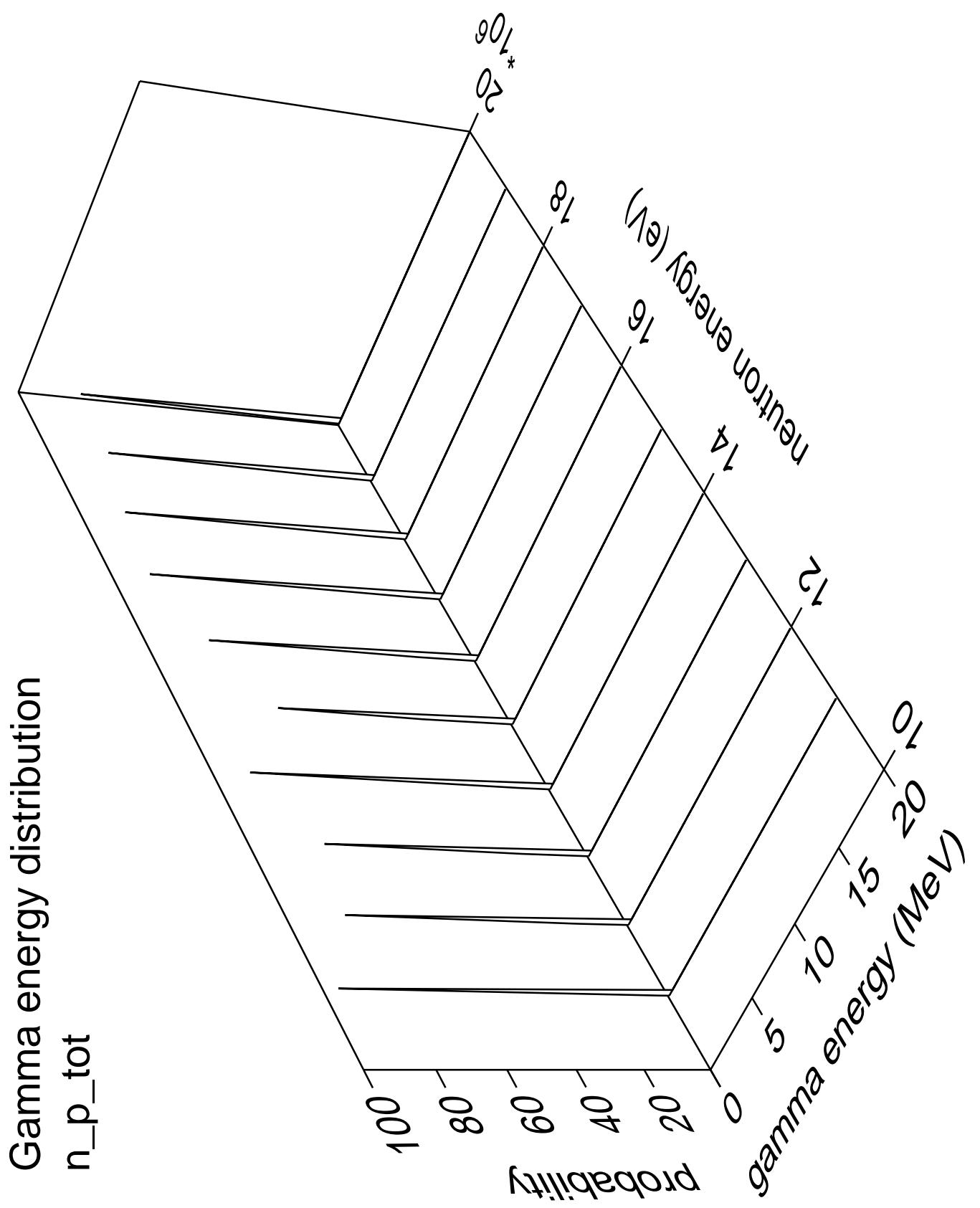
Neutron energy (eV)

16

18

20

100



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

16

18

20

22

24

26

28

30

32

34

36

38

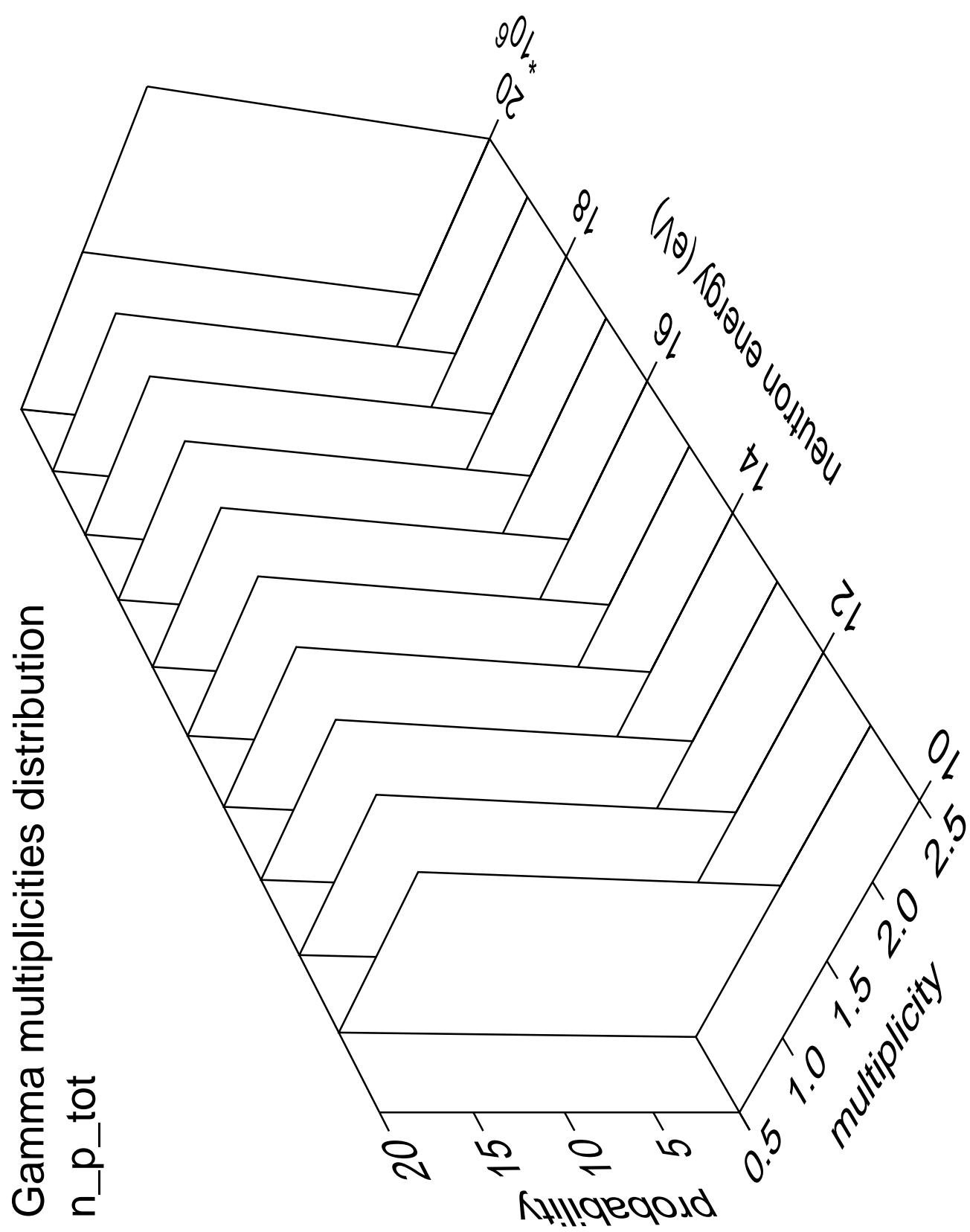
40

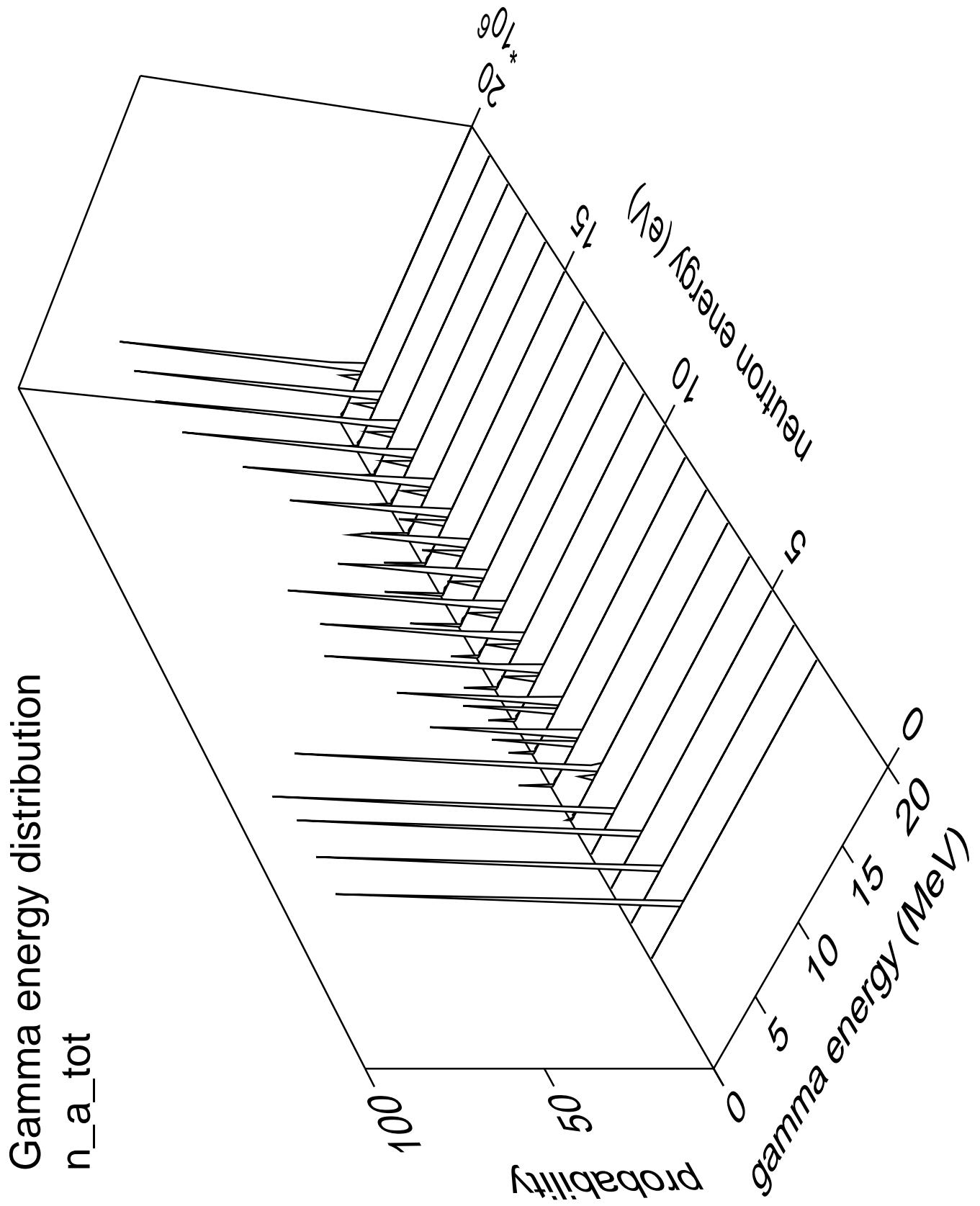
42

44

46

48





Gamma angles distribution

$n_a_{tot}$

Probability

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$1.0$

$0.5$

$0.0$

$-0.5$

$-1.0$

$\cos(\theta)$

neutron energy (eV)

$10^6$

$10^5$

$10^4$

$10^3$

$10^2$

$10^1$

$10^0$

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

$10^{-7}$

$10^{-8}$

$10^{-9}$

$10^{-10}$

$10^{-11}$

