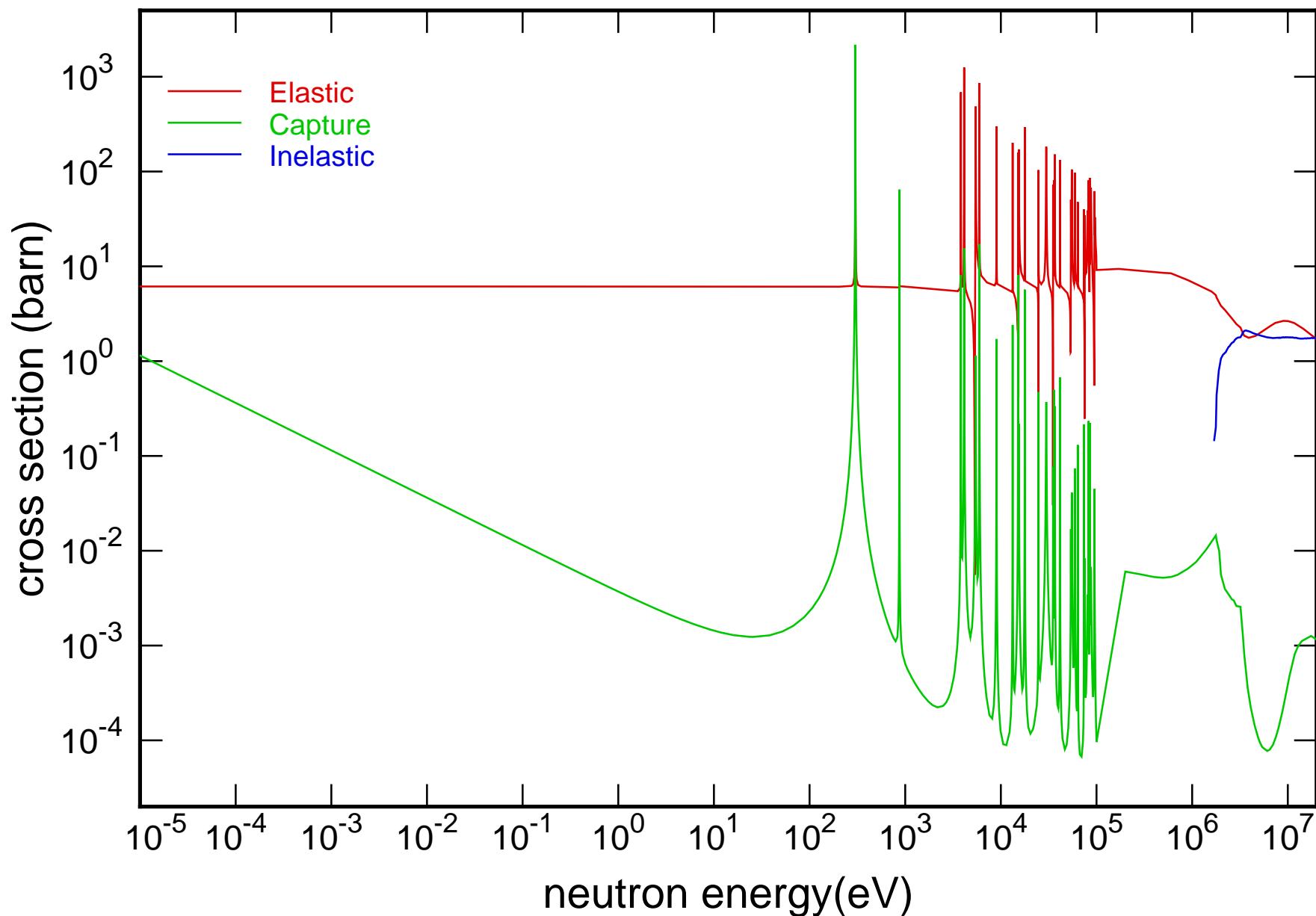
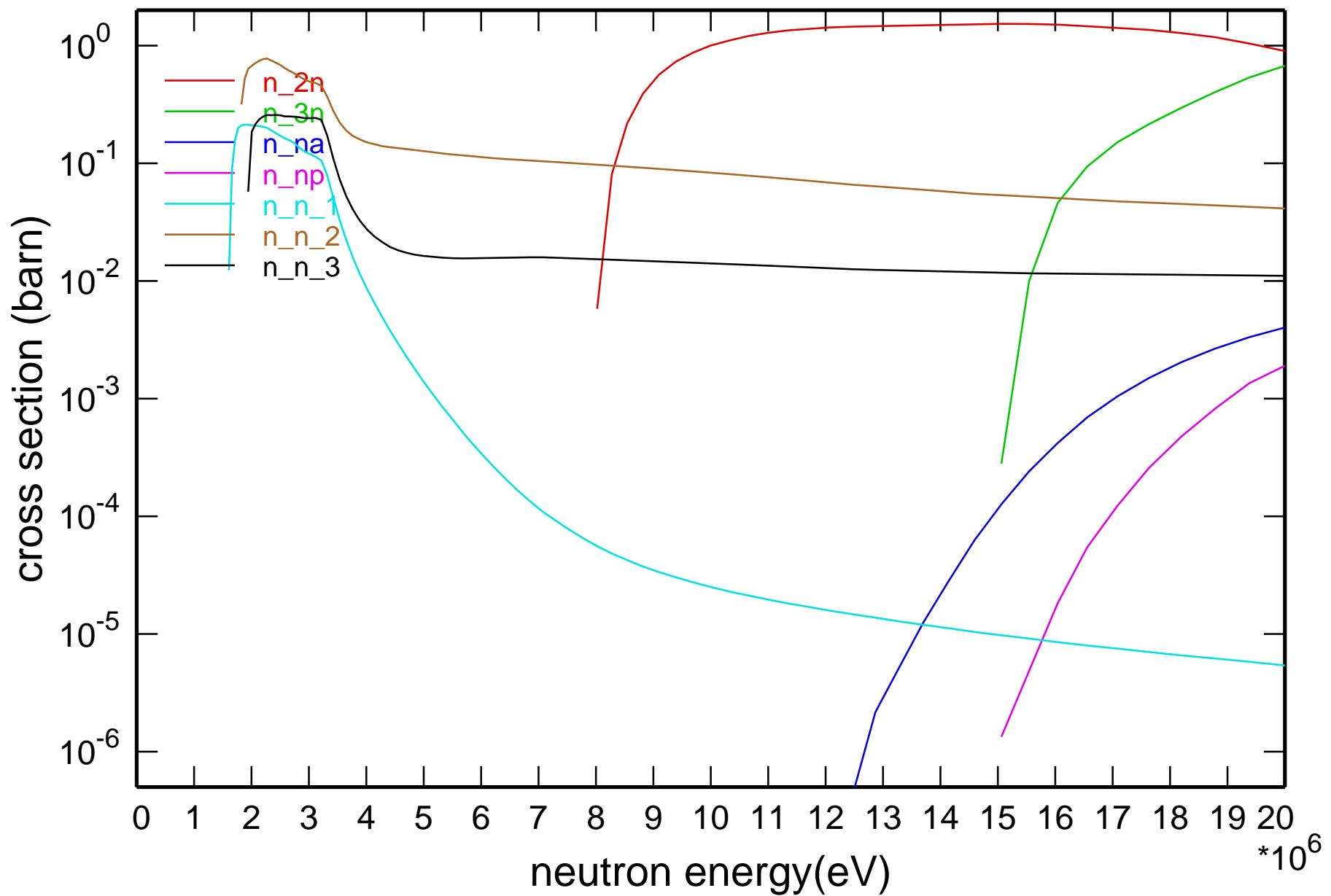


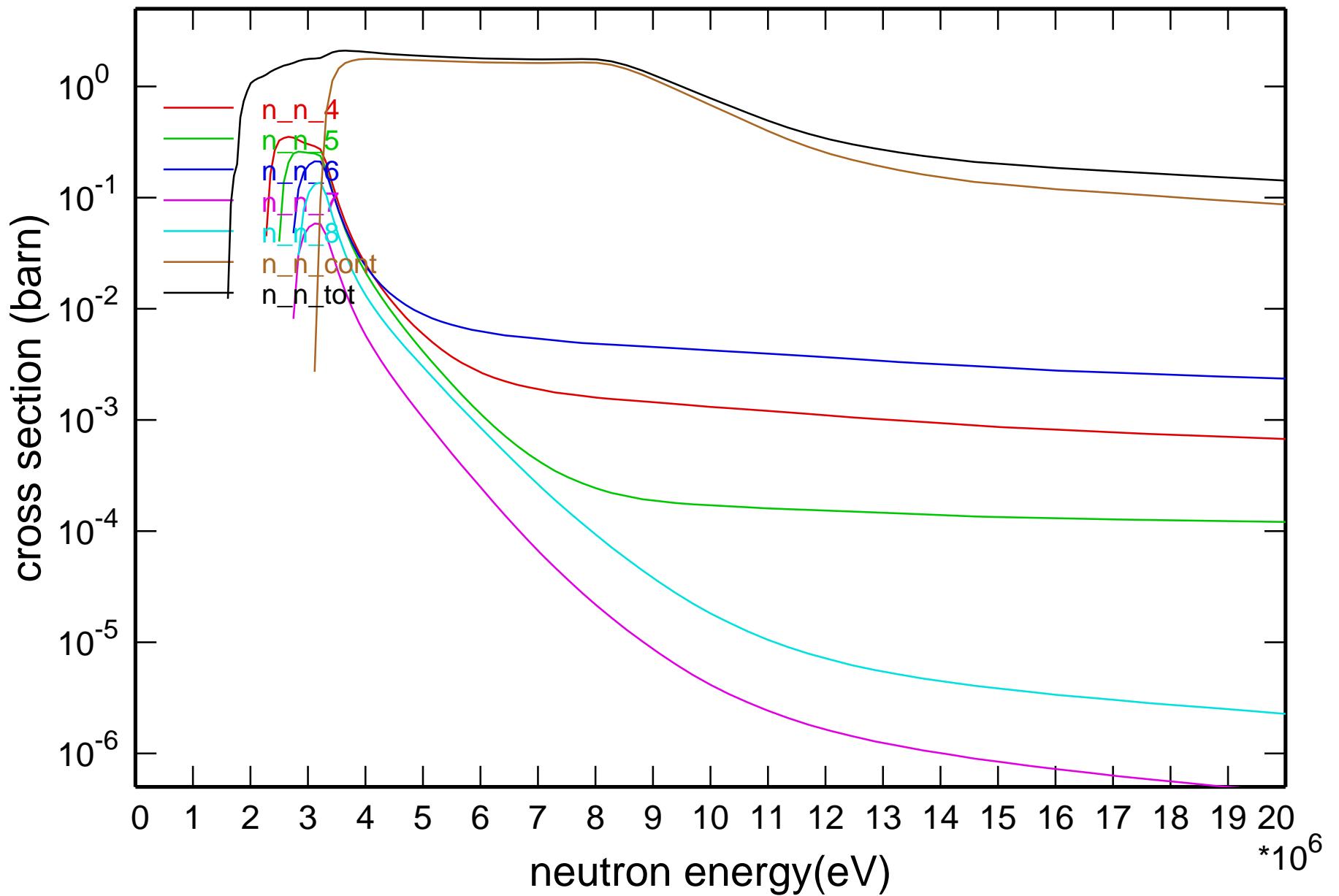
Main Cross Sections

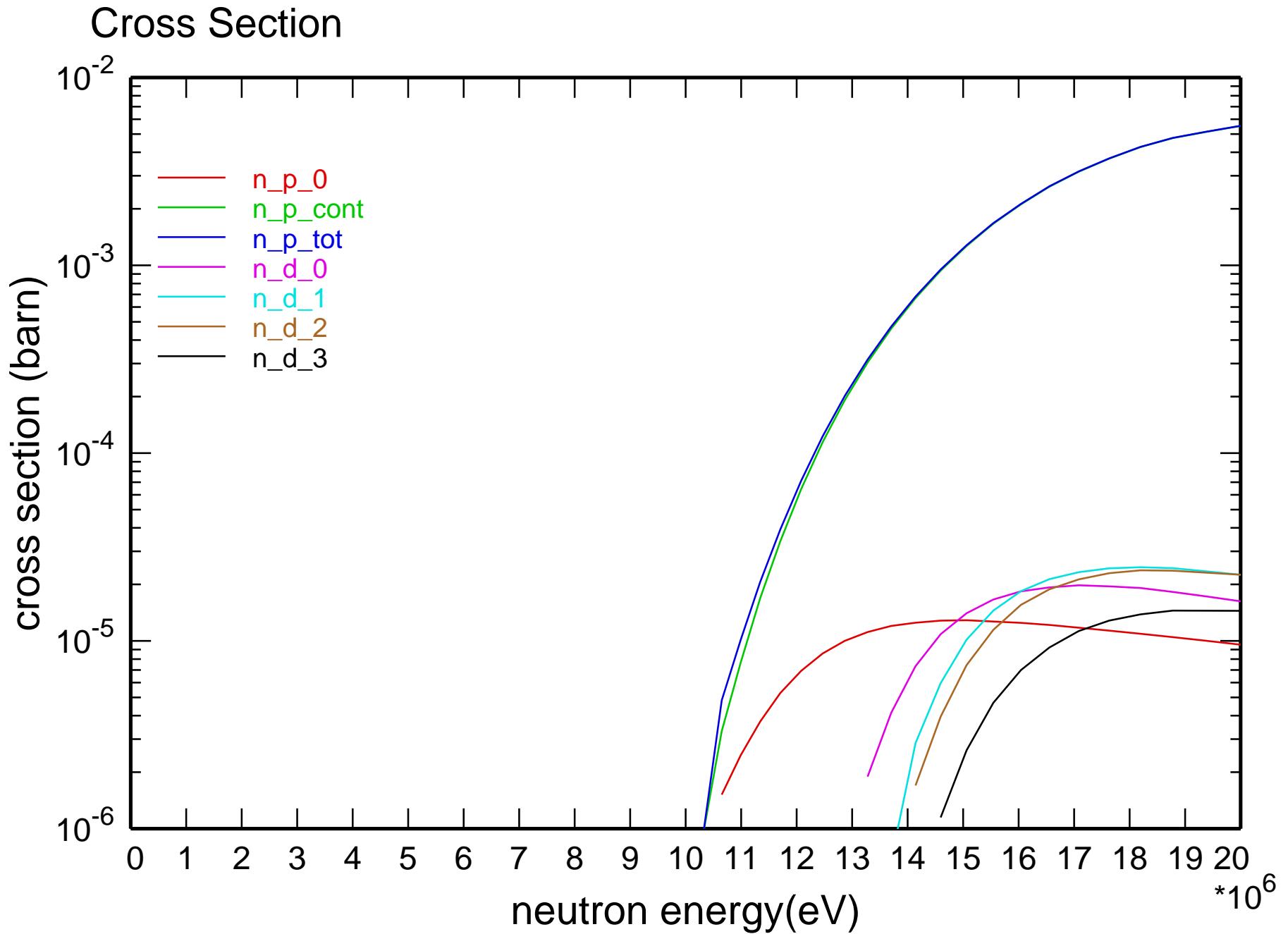


Cross Section

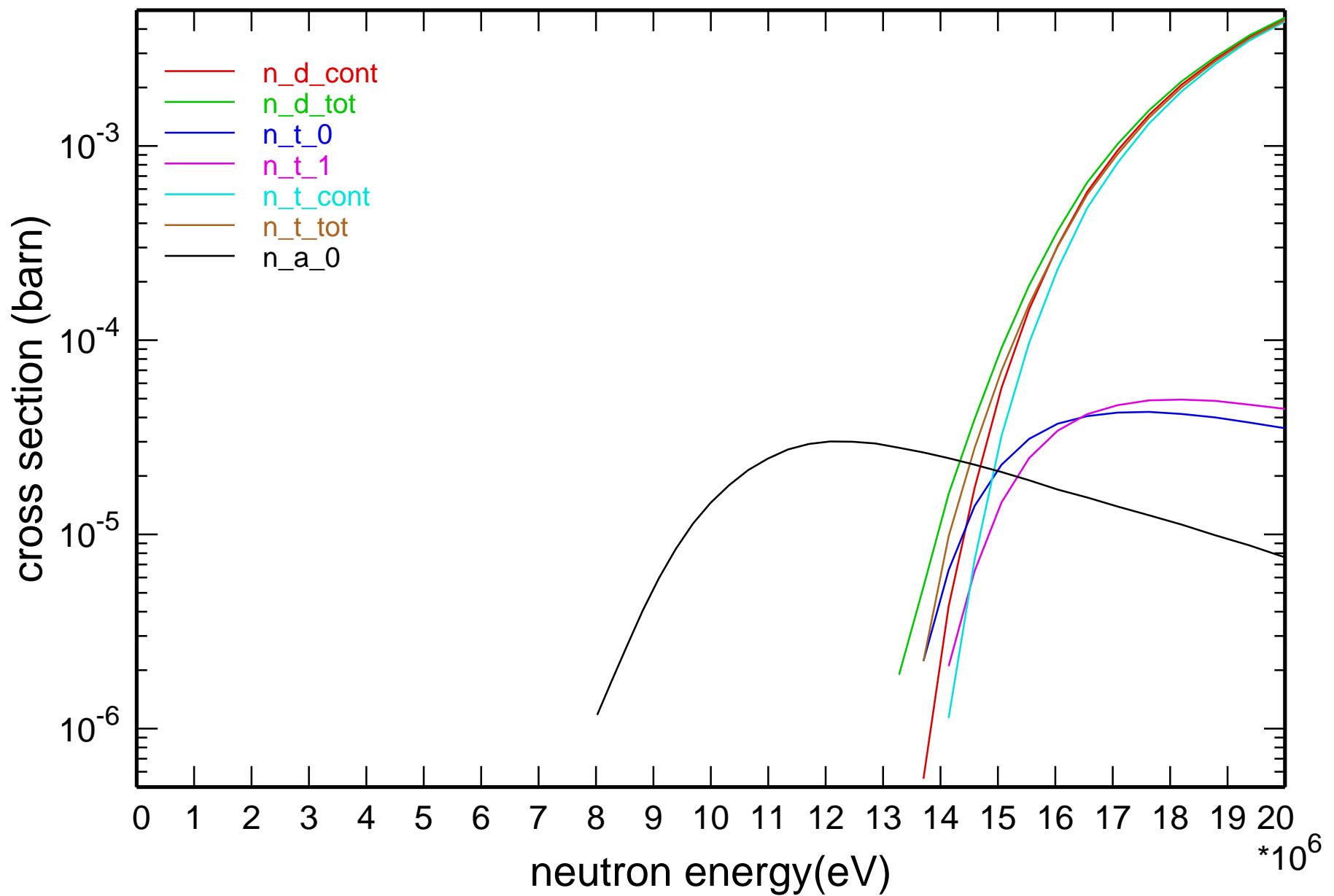


Cross Section

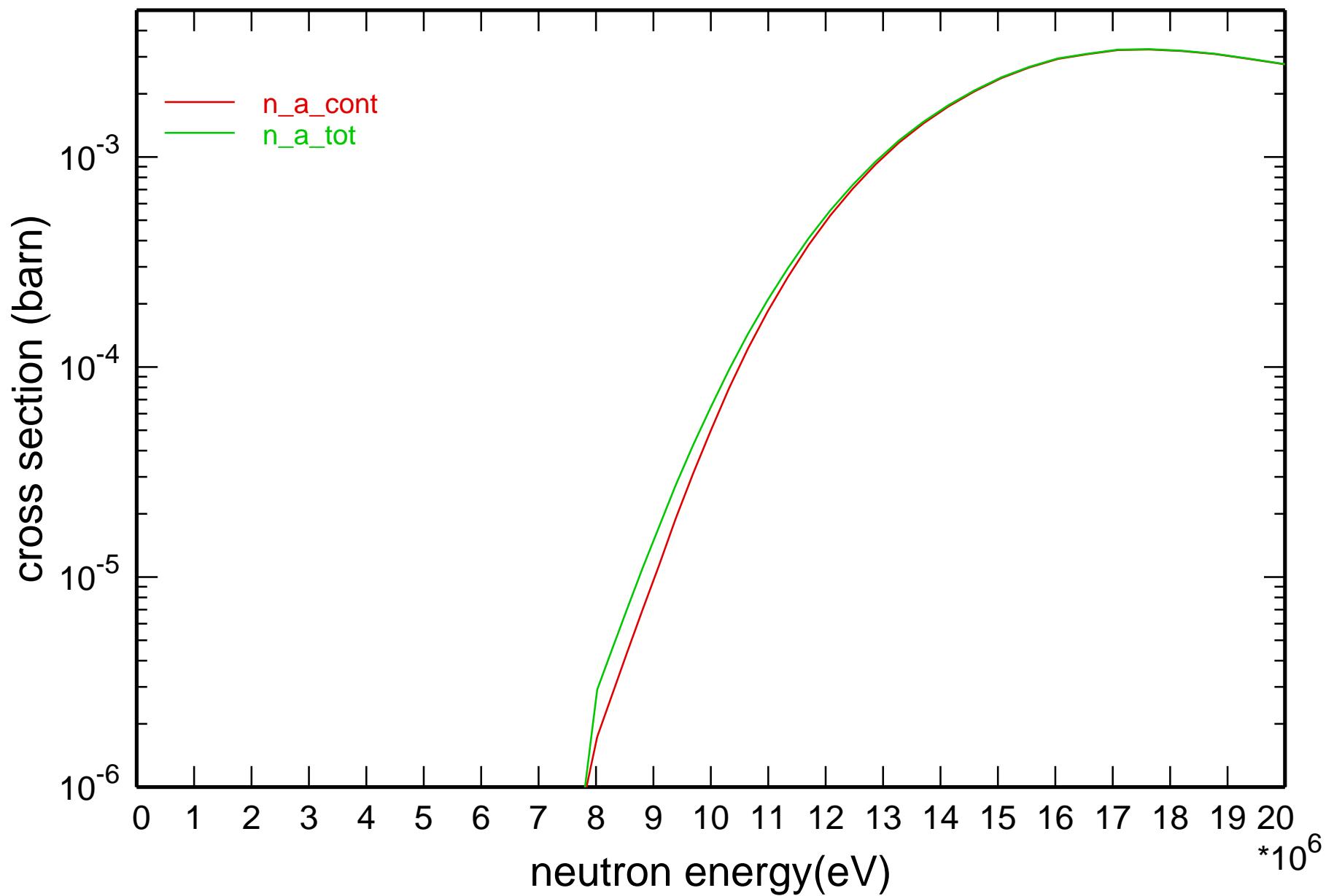


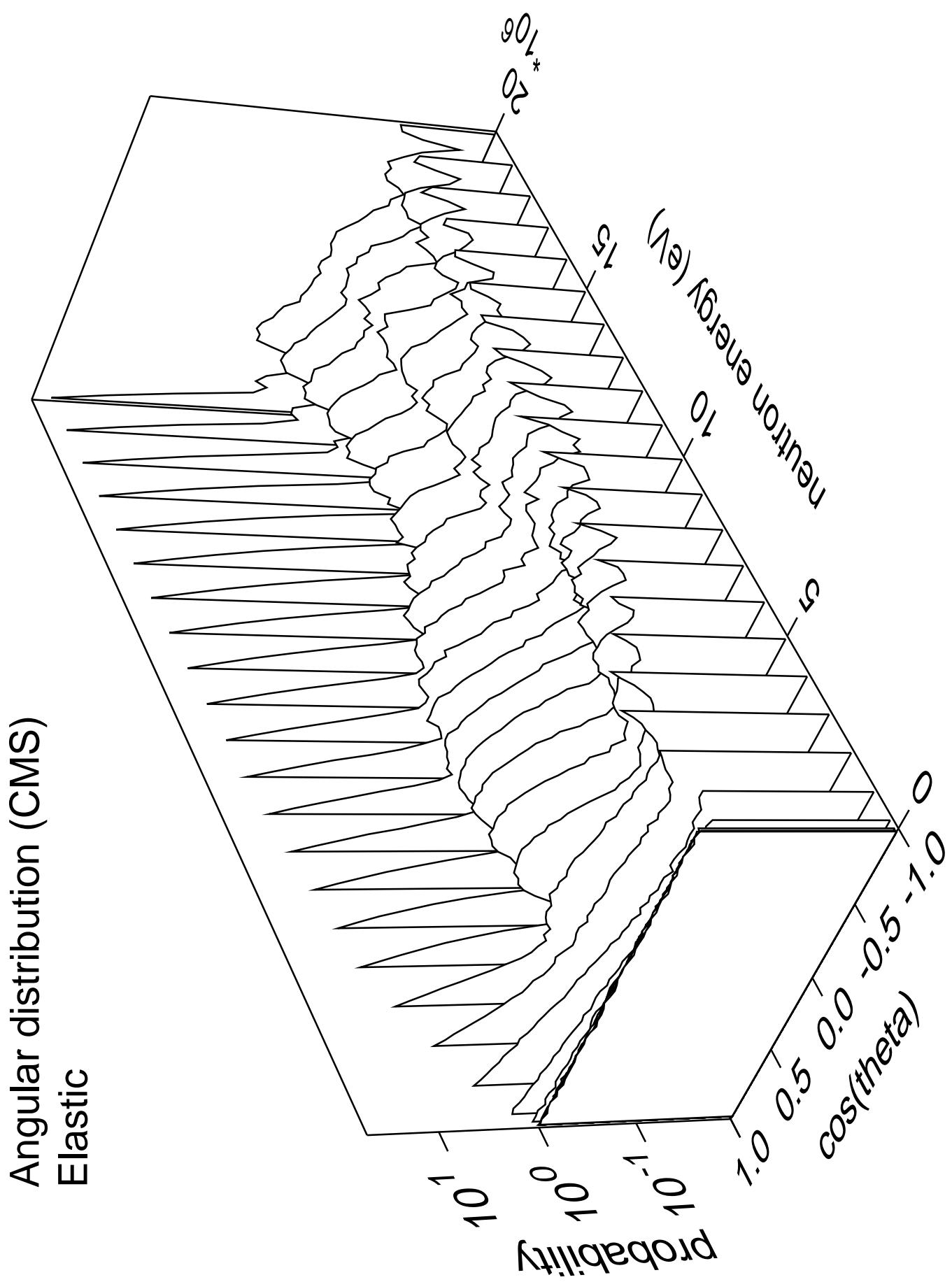


Cross Section

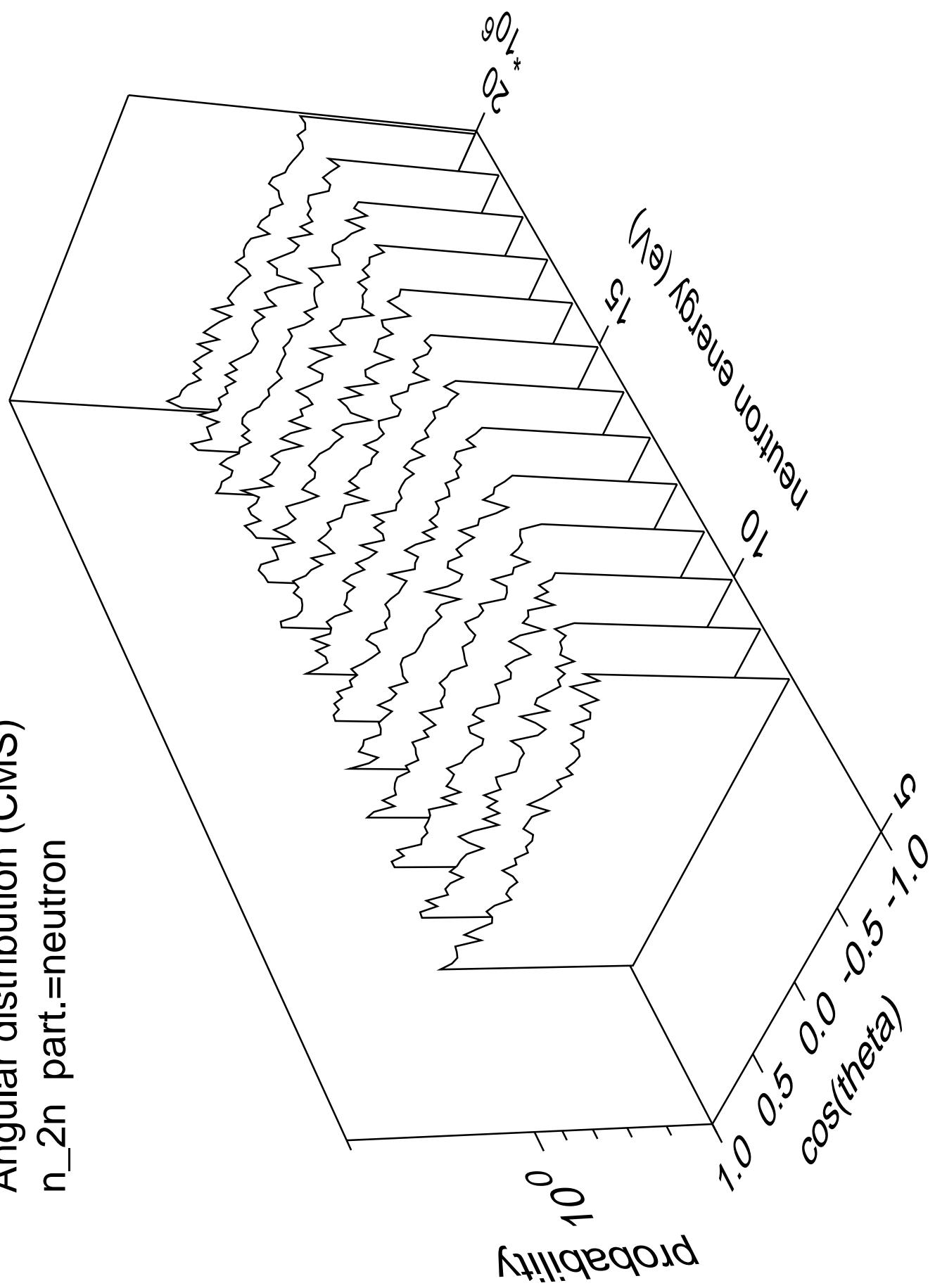


Cross Section

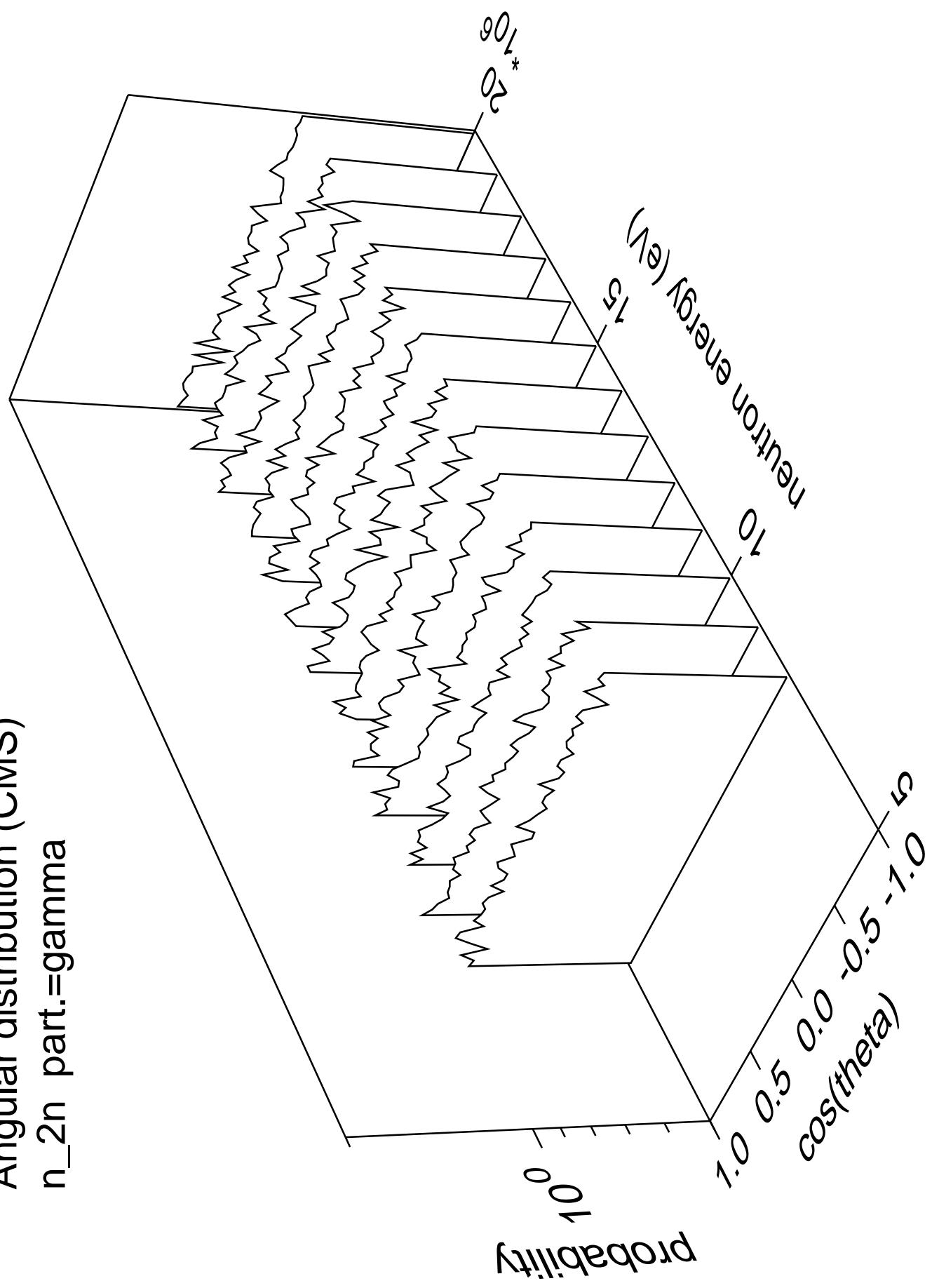




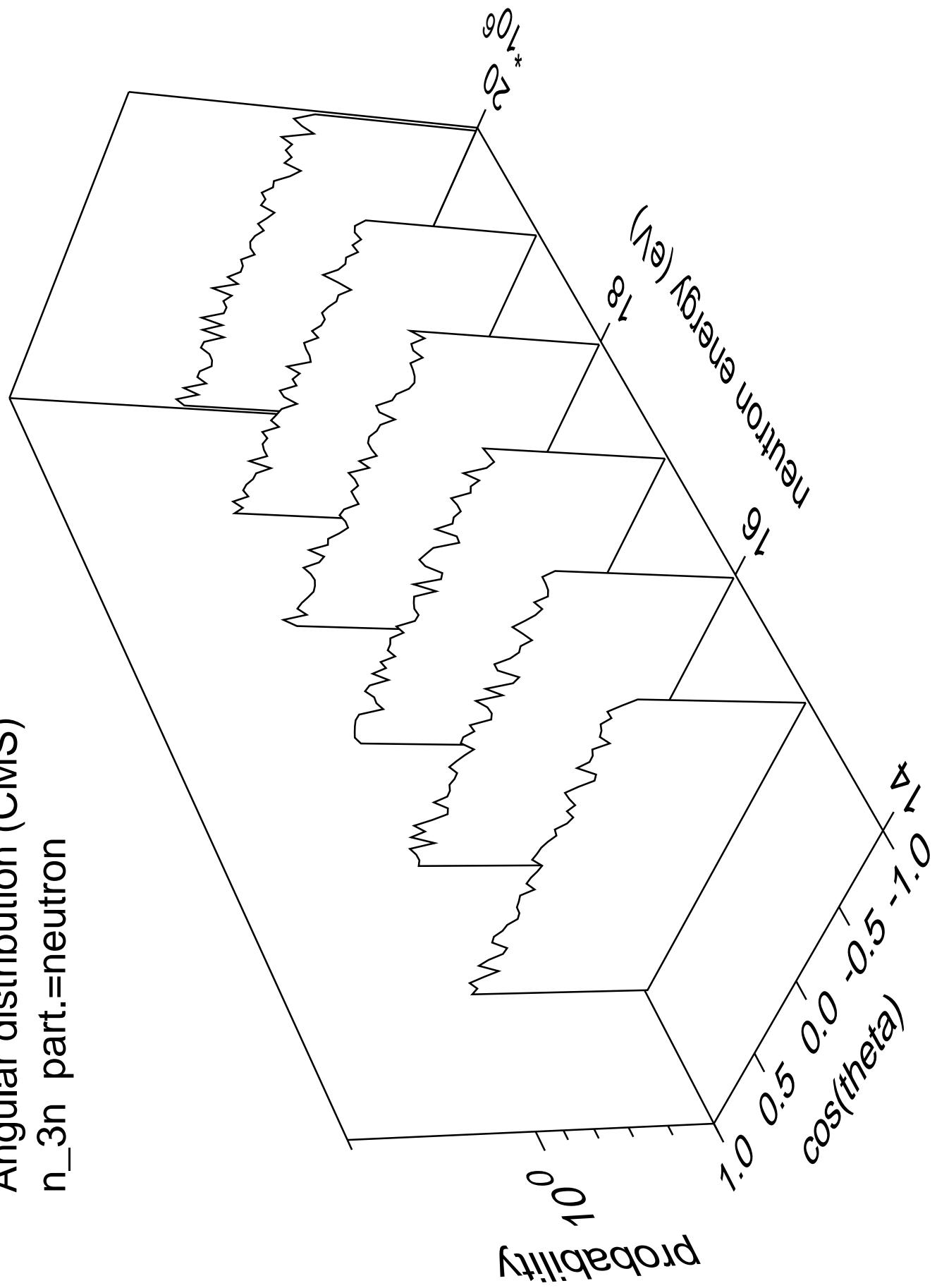
Angular distribution (CMS)
 n_{2n} part.=neutron



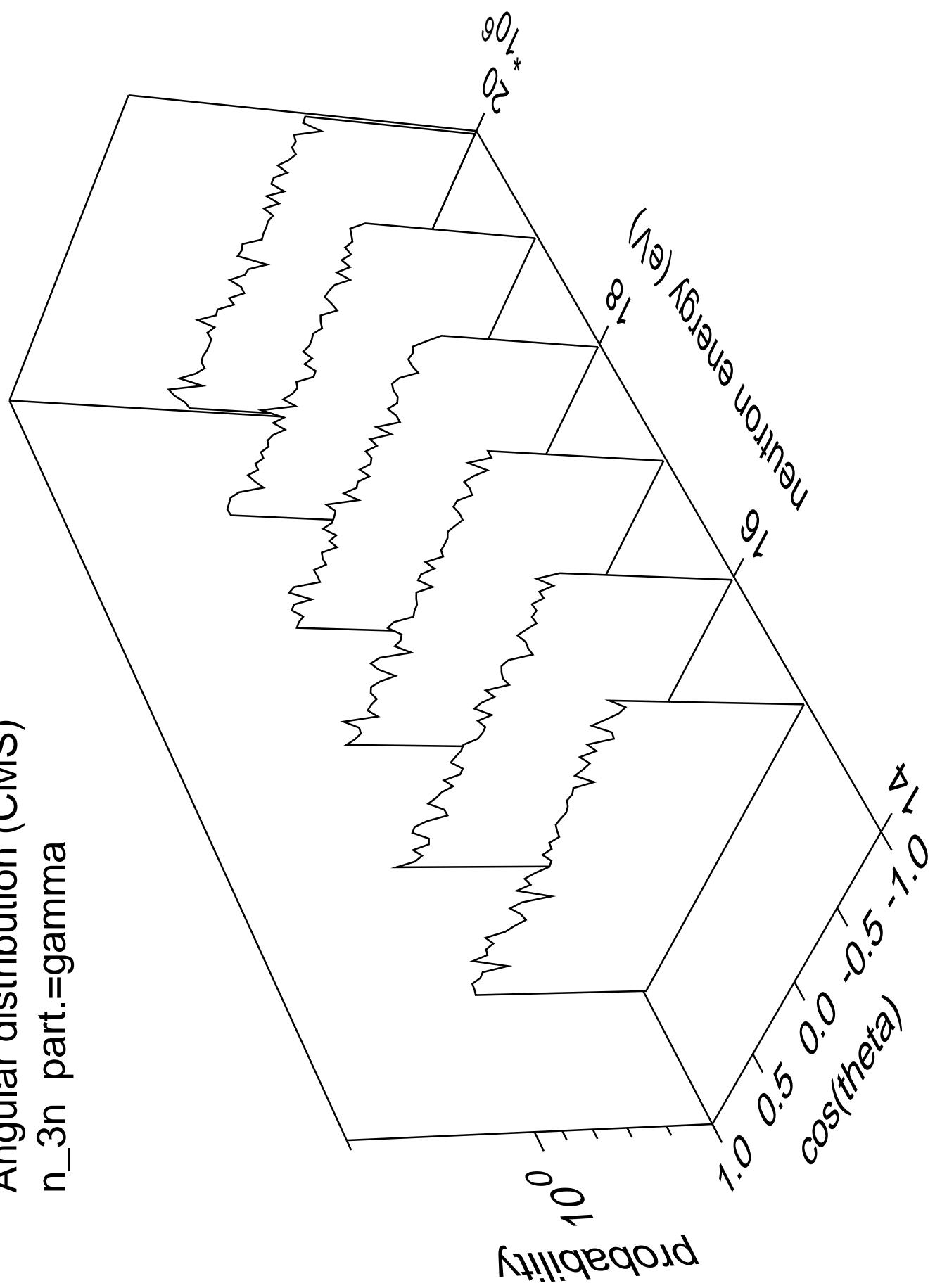
Angular distribution (CMS)
 n_{2n} part.=gamma



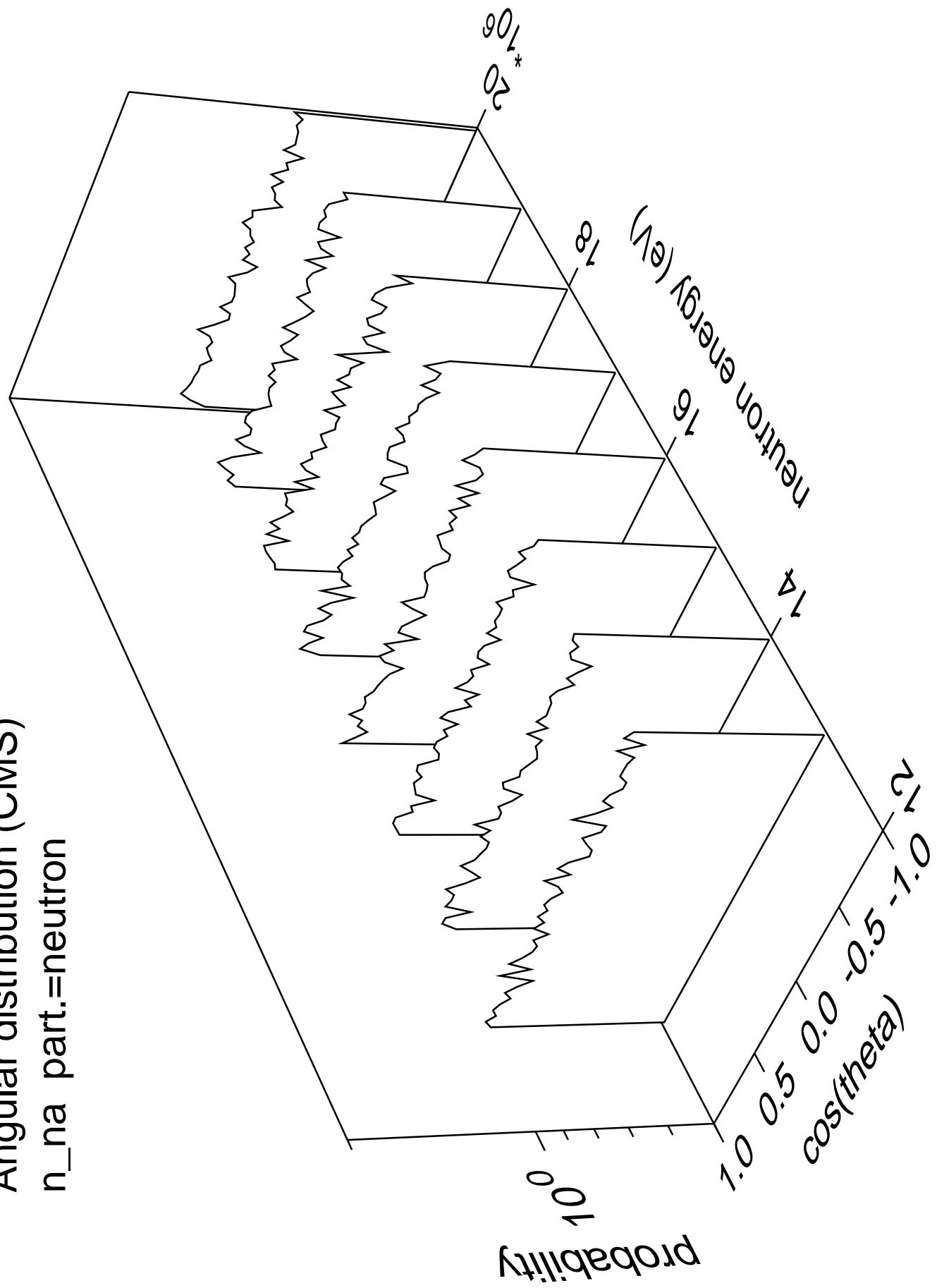
Angular distribution (CMS)
 n_{3n} part.=neutron



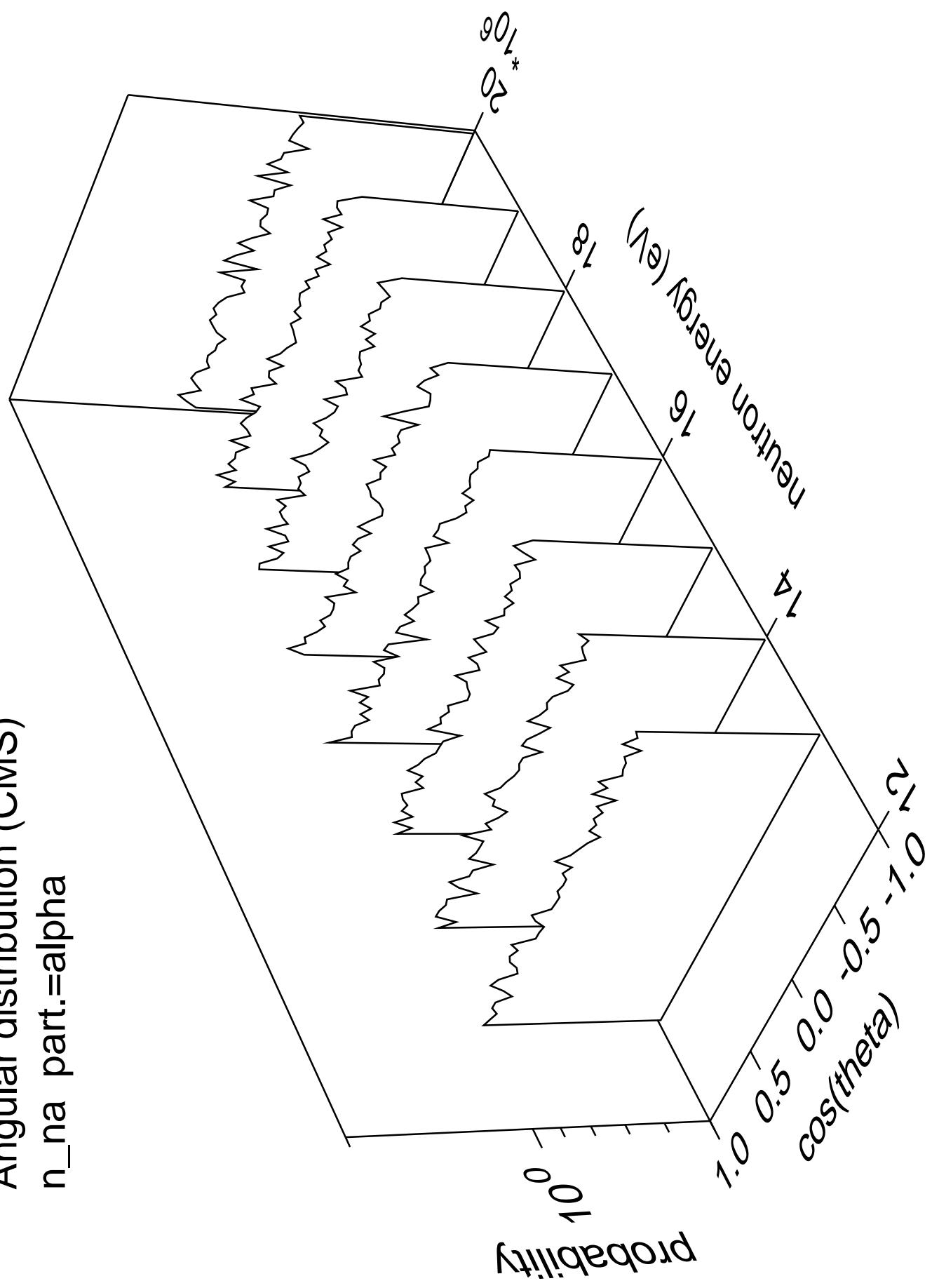
Angular distribution (CMS)
 n_{3n} part.=gamma



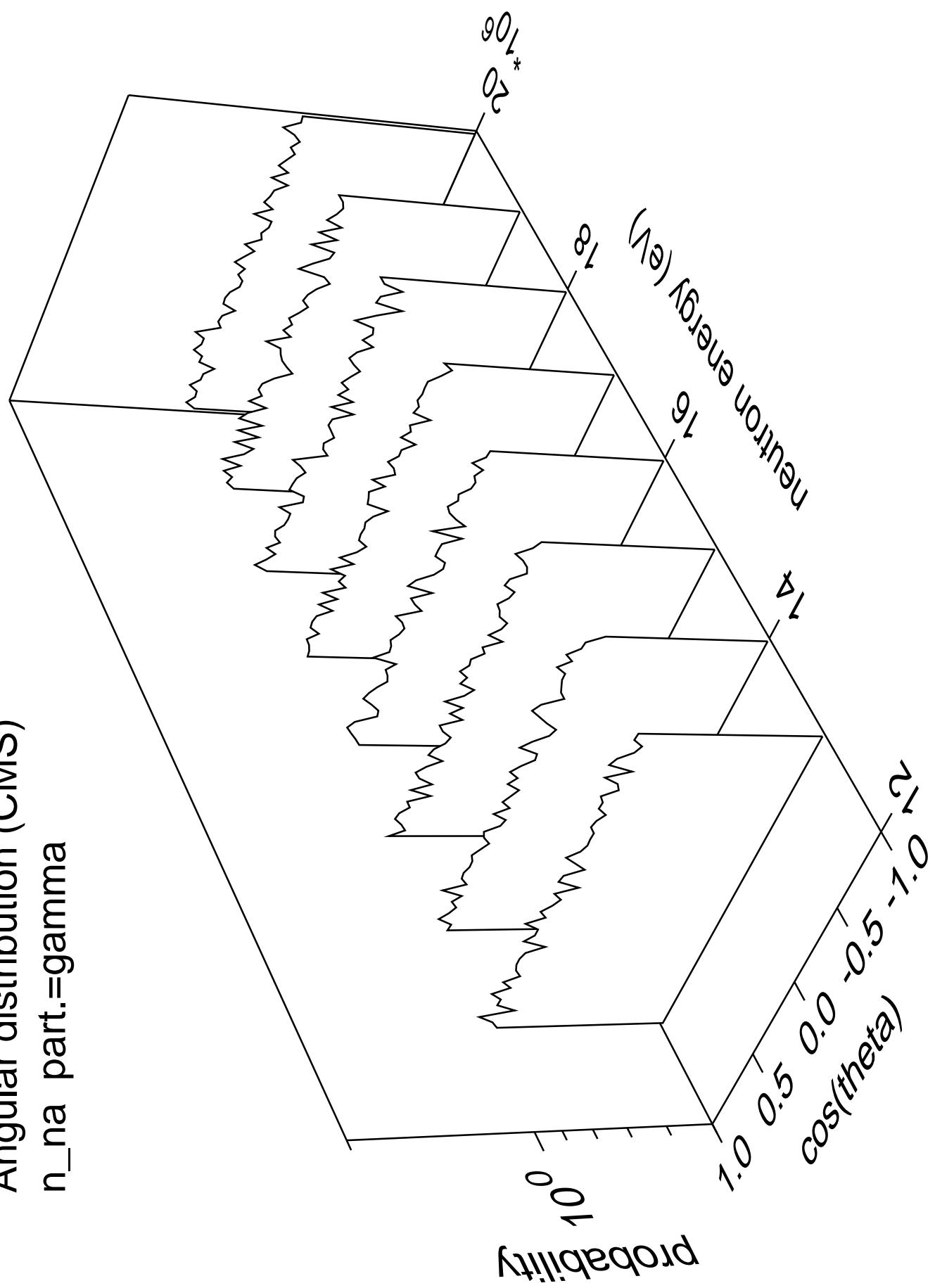
Angular distribution (CMS)
 n_{na} part.=neutron



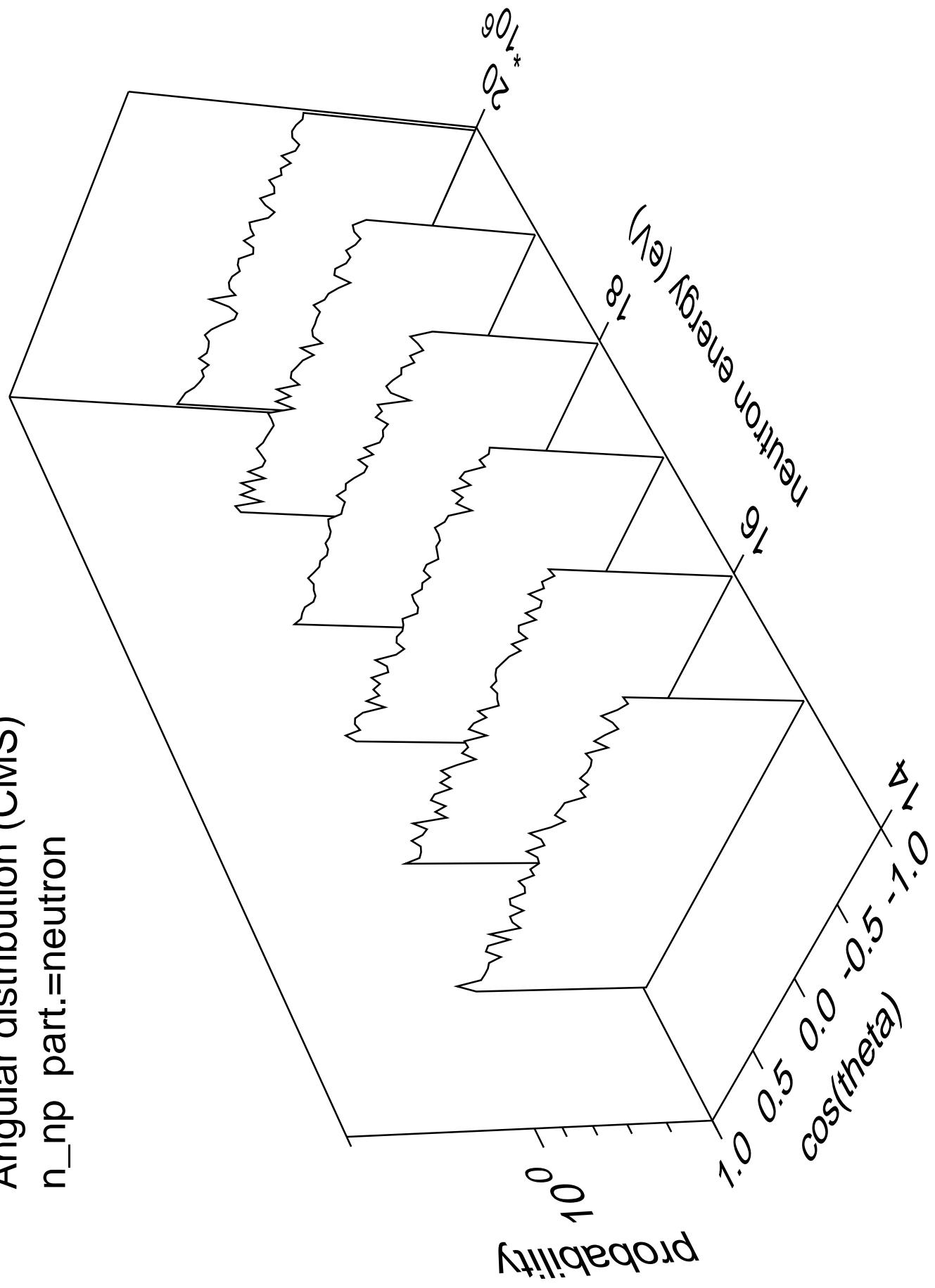
Angular distribution (CMS)
 n_{na} part.=alpha



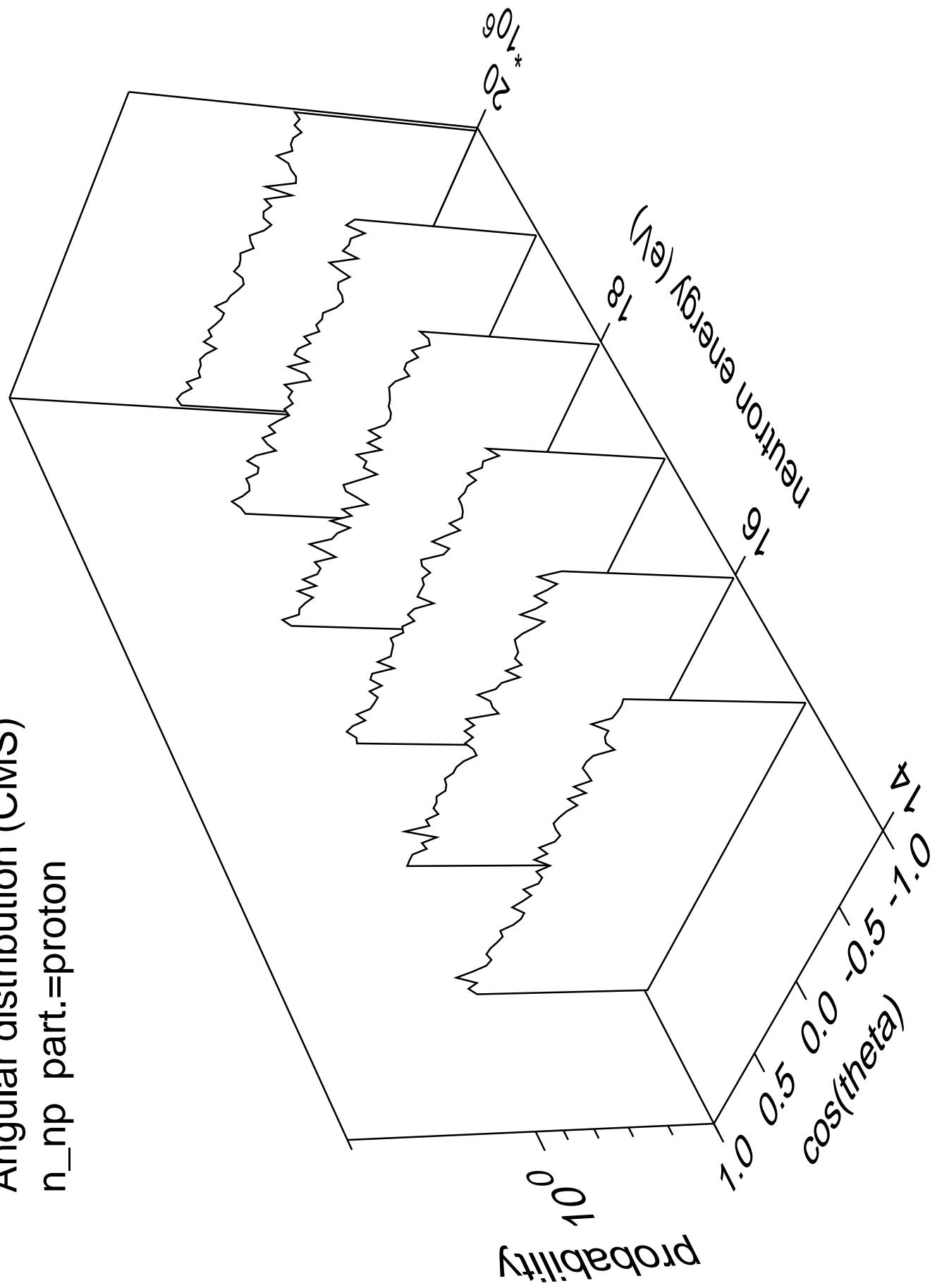
Angular distribution (CMS)
 n_{na} part.=gamma

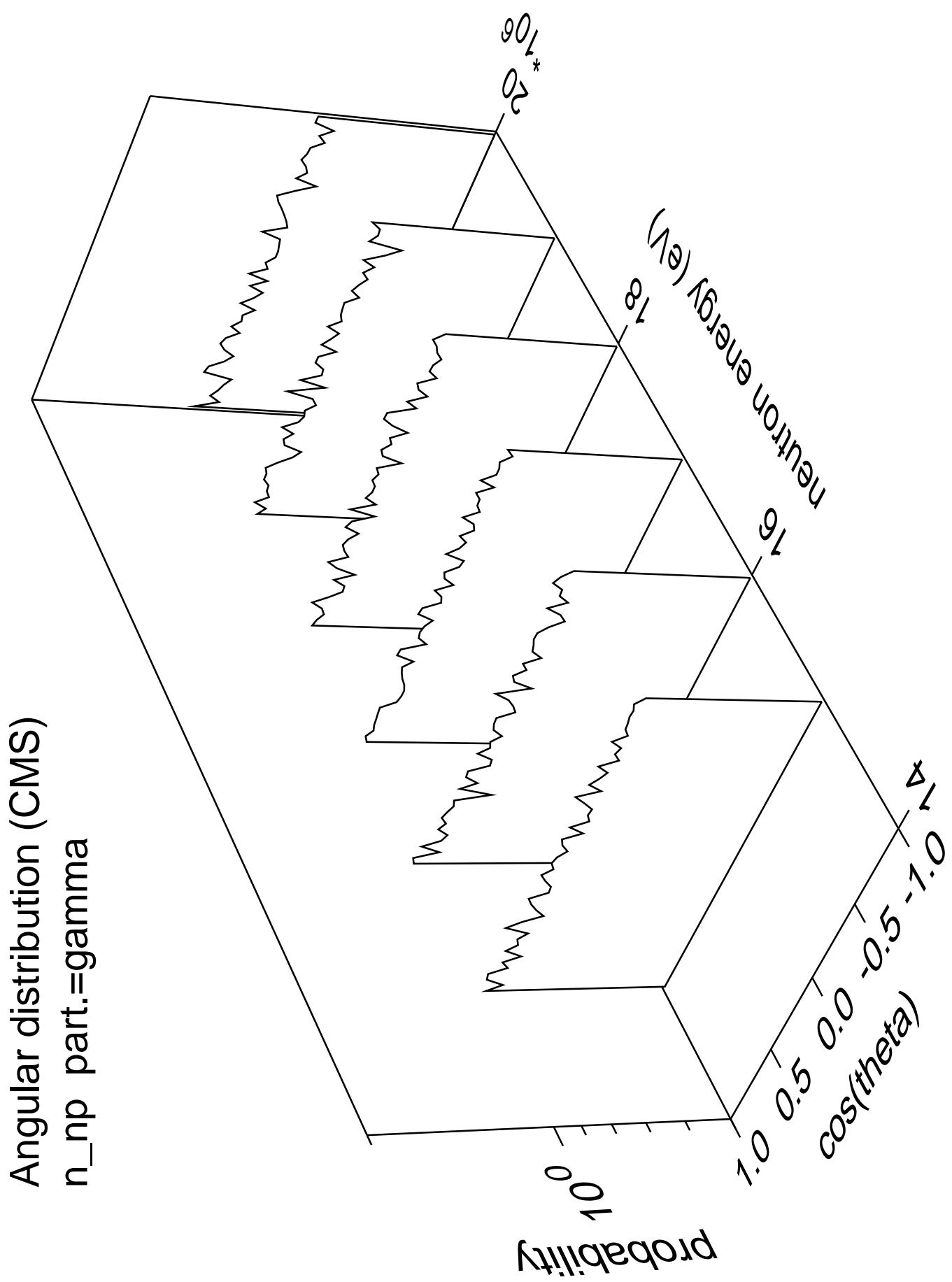


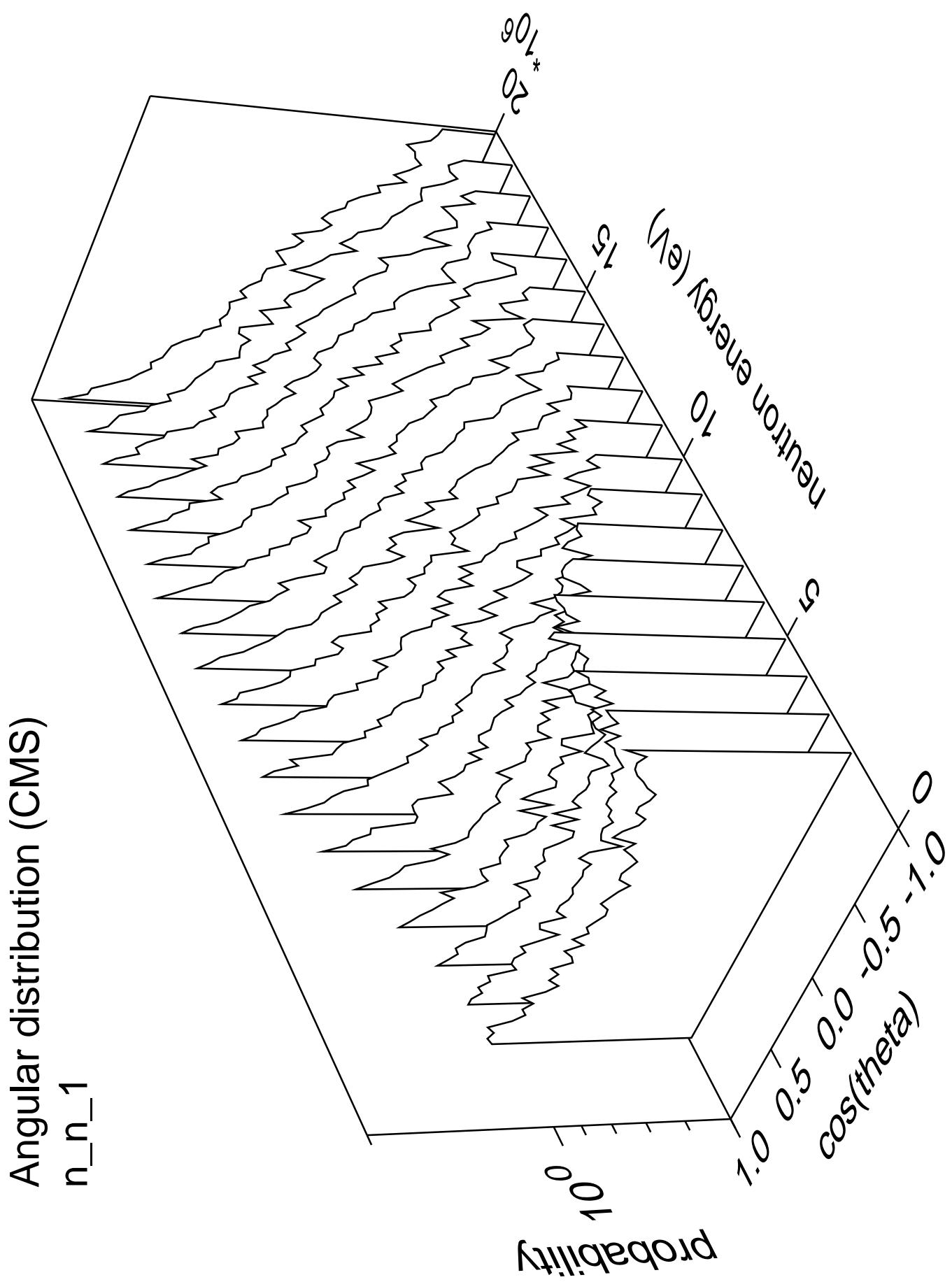
Angular distribution (CMS)
 n_{np} part.=neutron

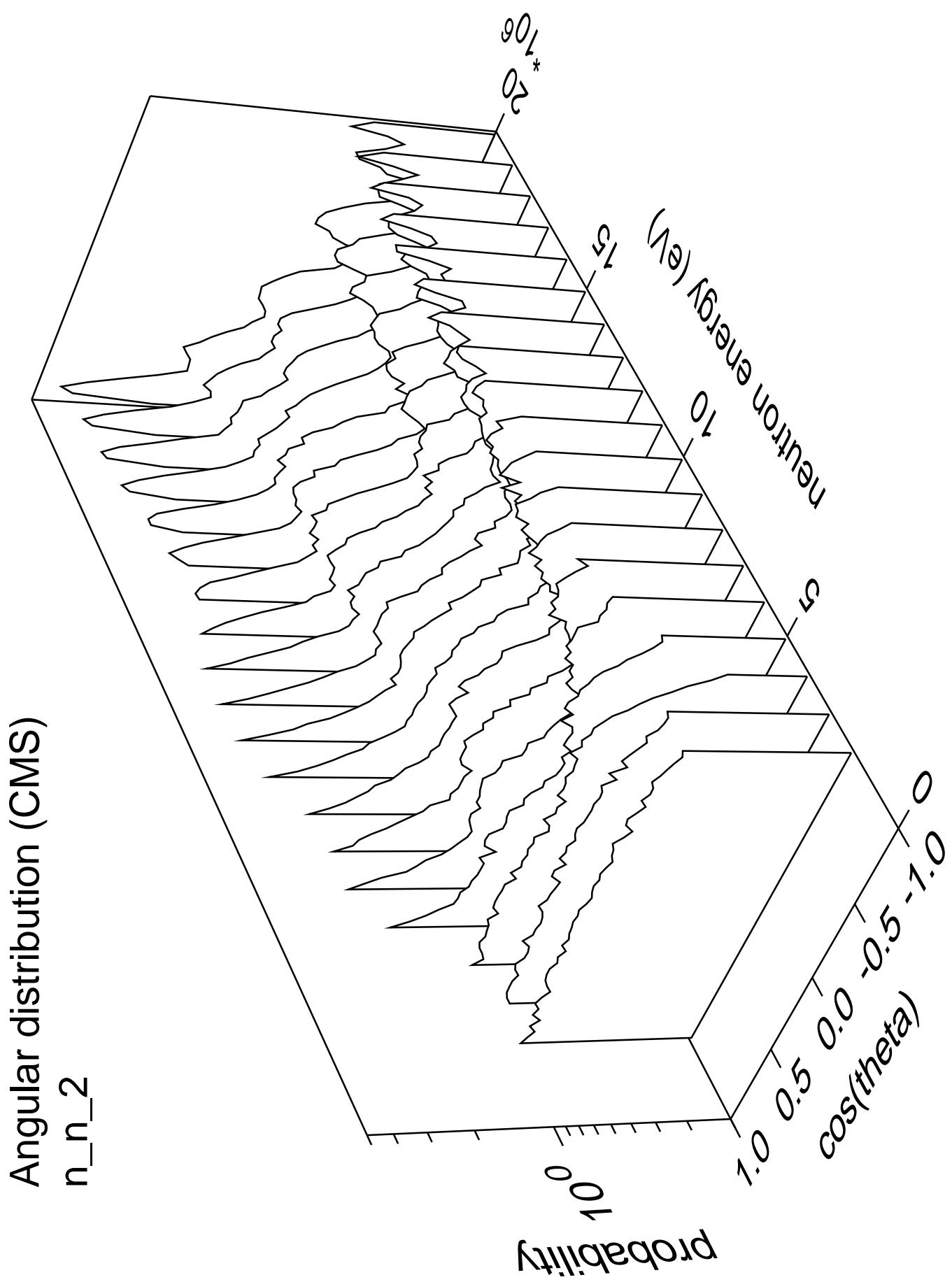


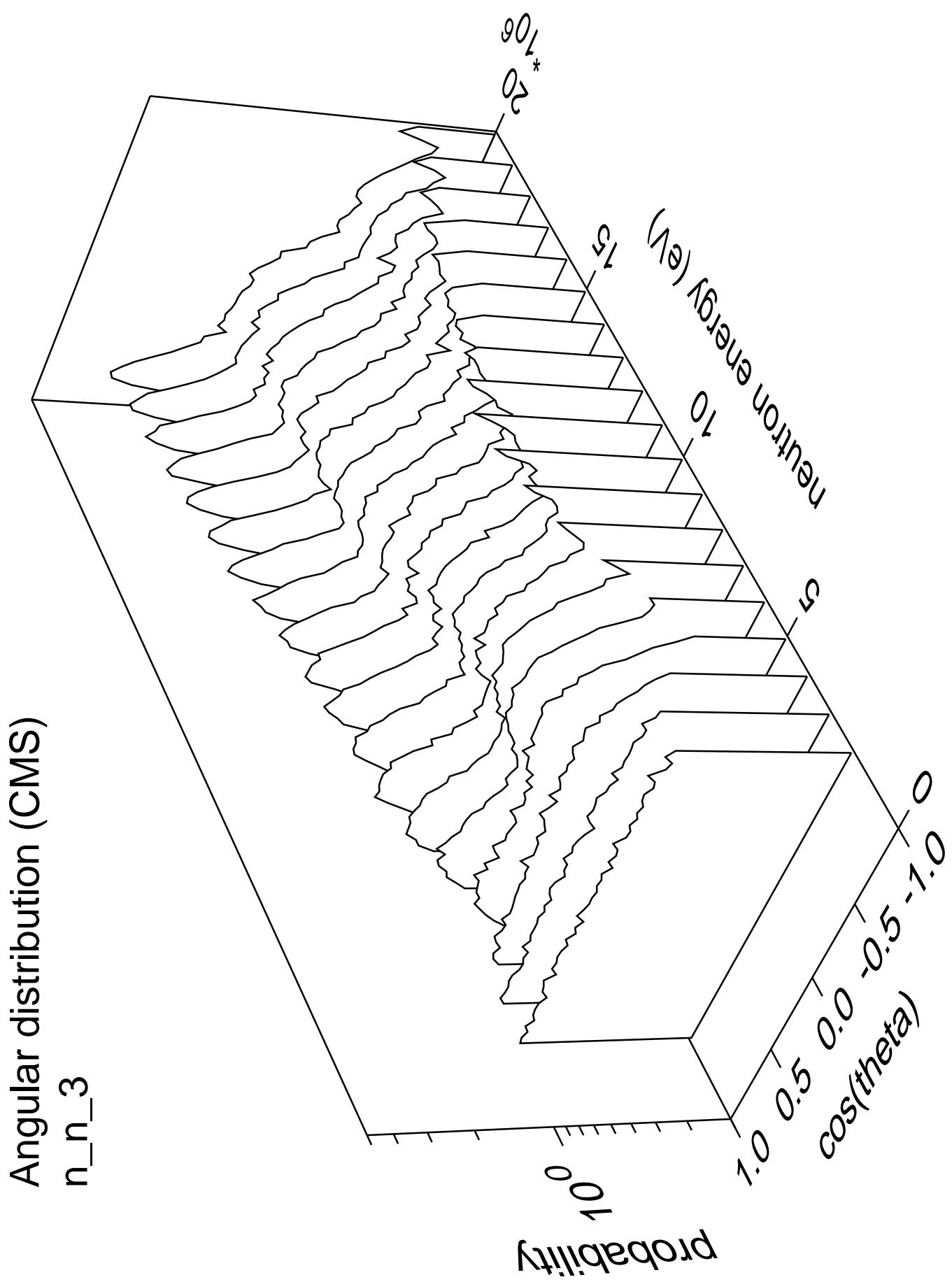
Angular distribution (CMS)
 n_{np} part.=proton

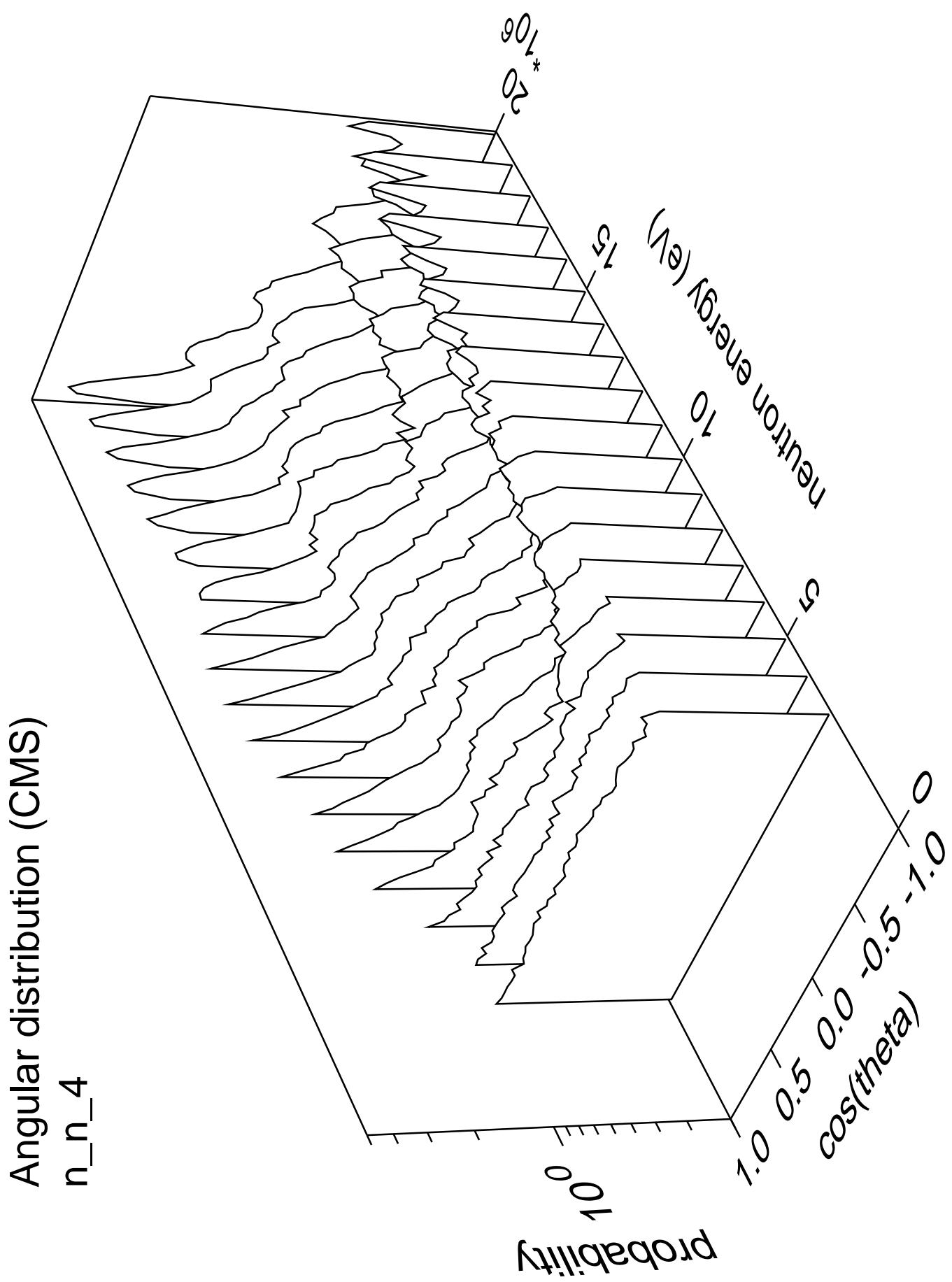


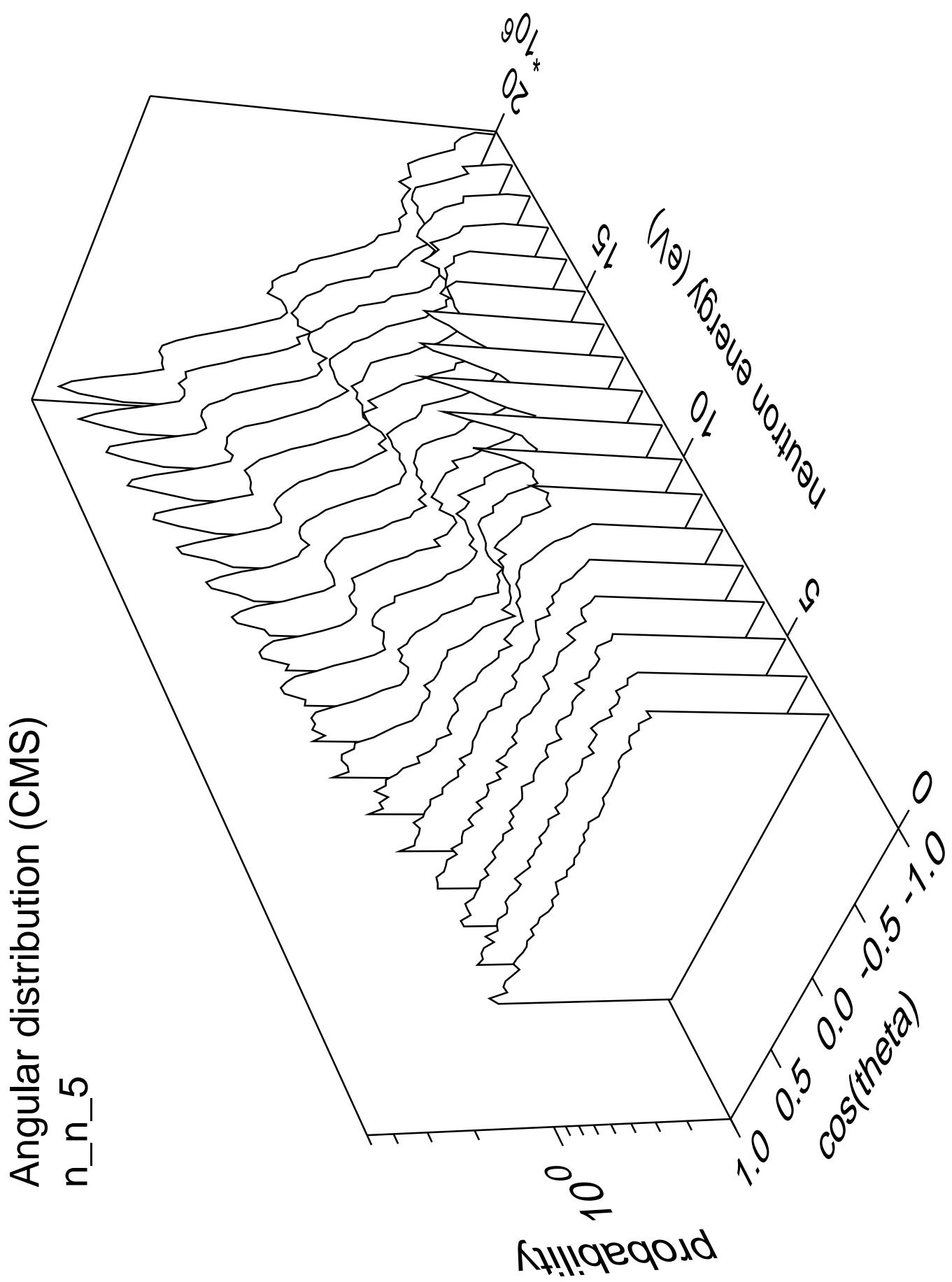


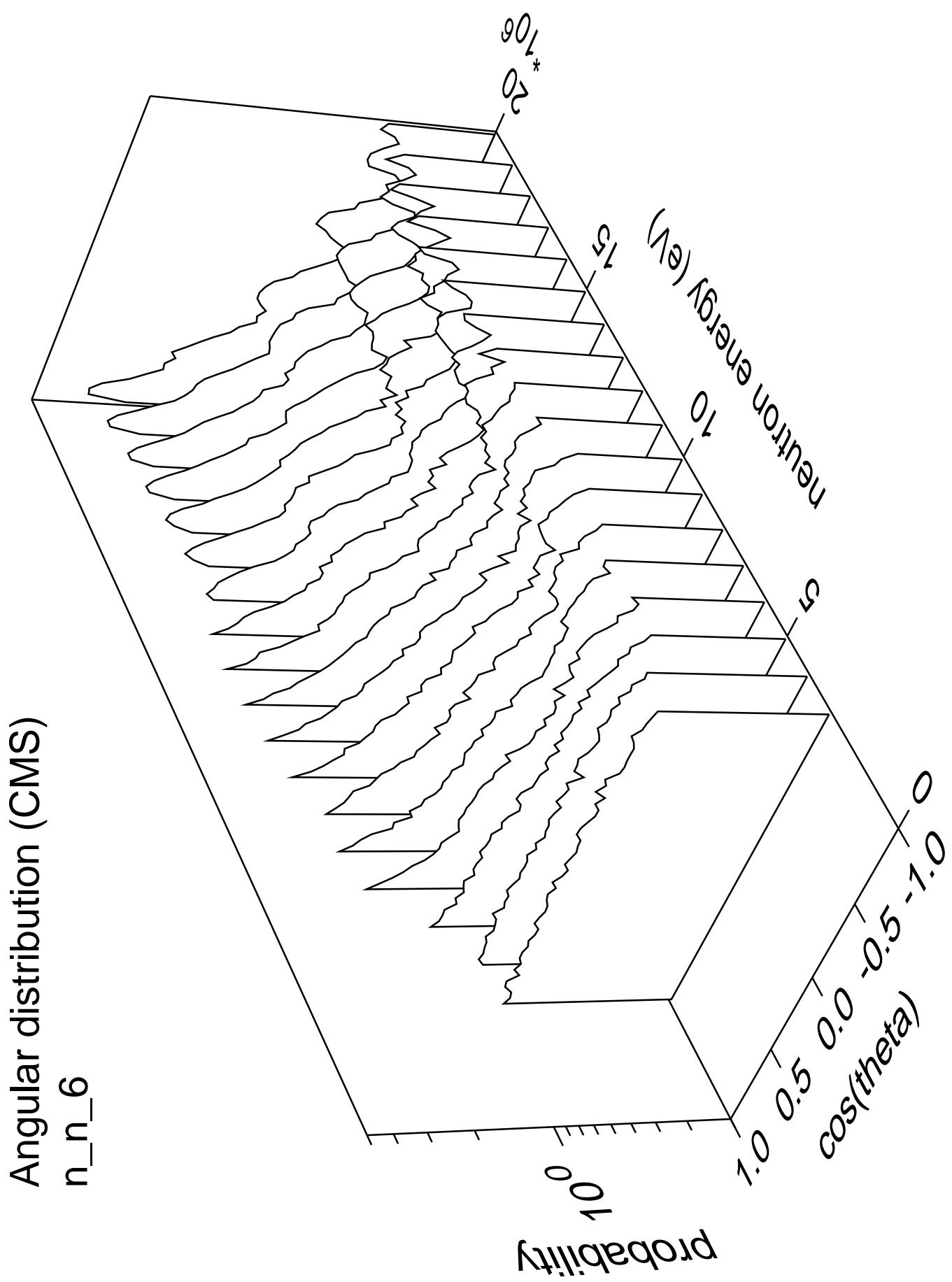


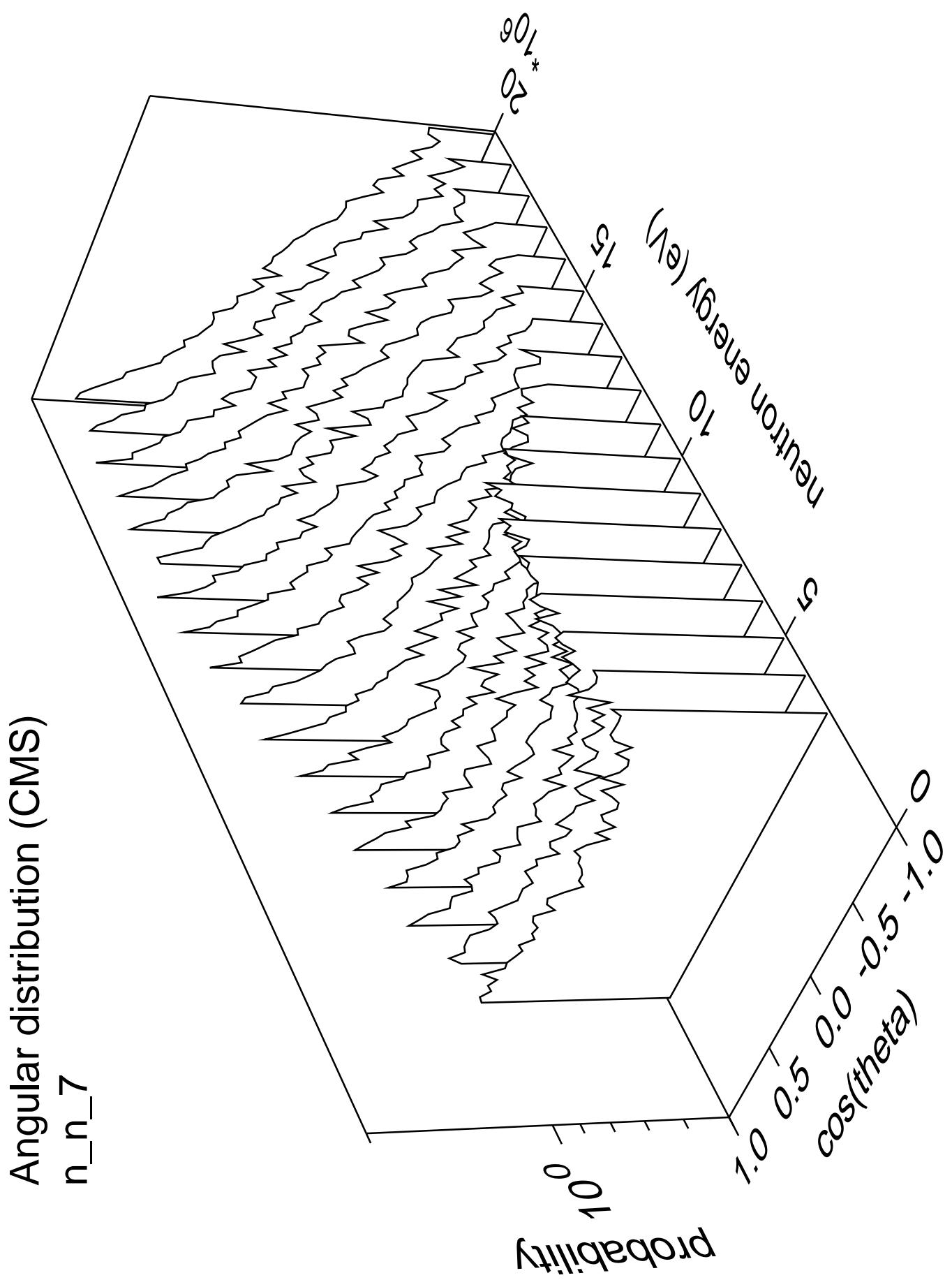


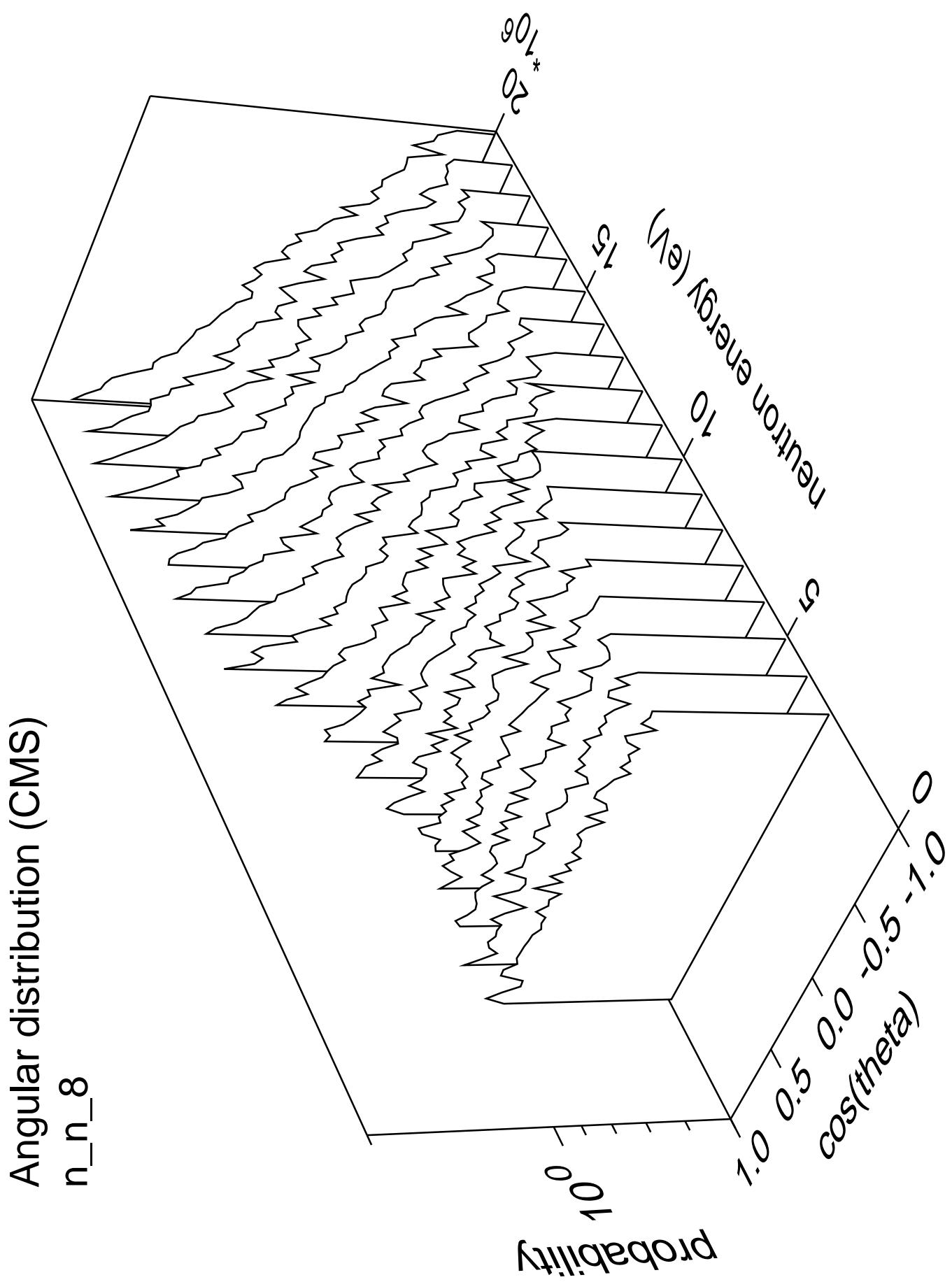




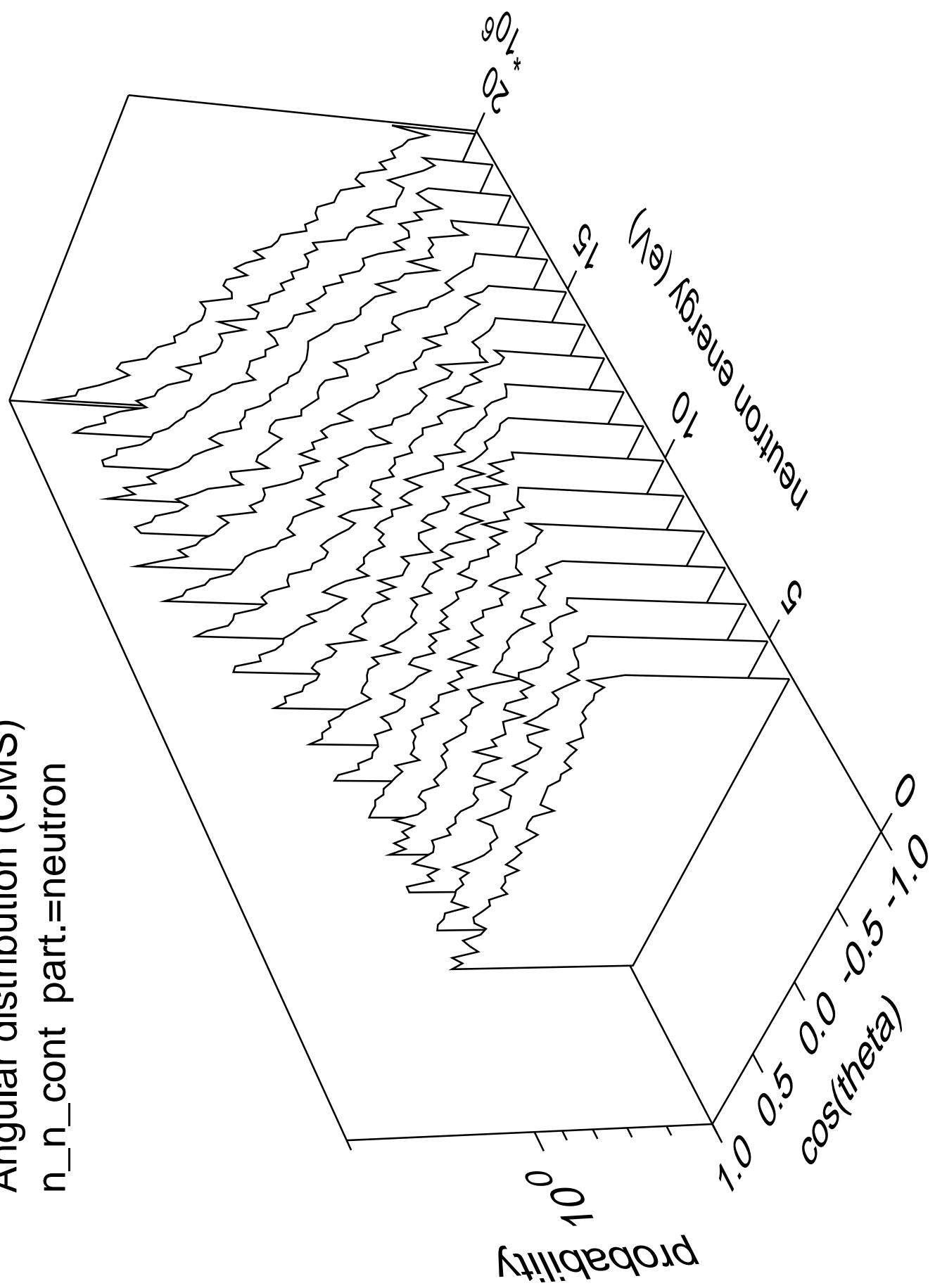




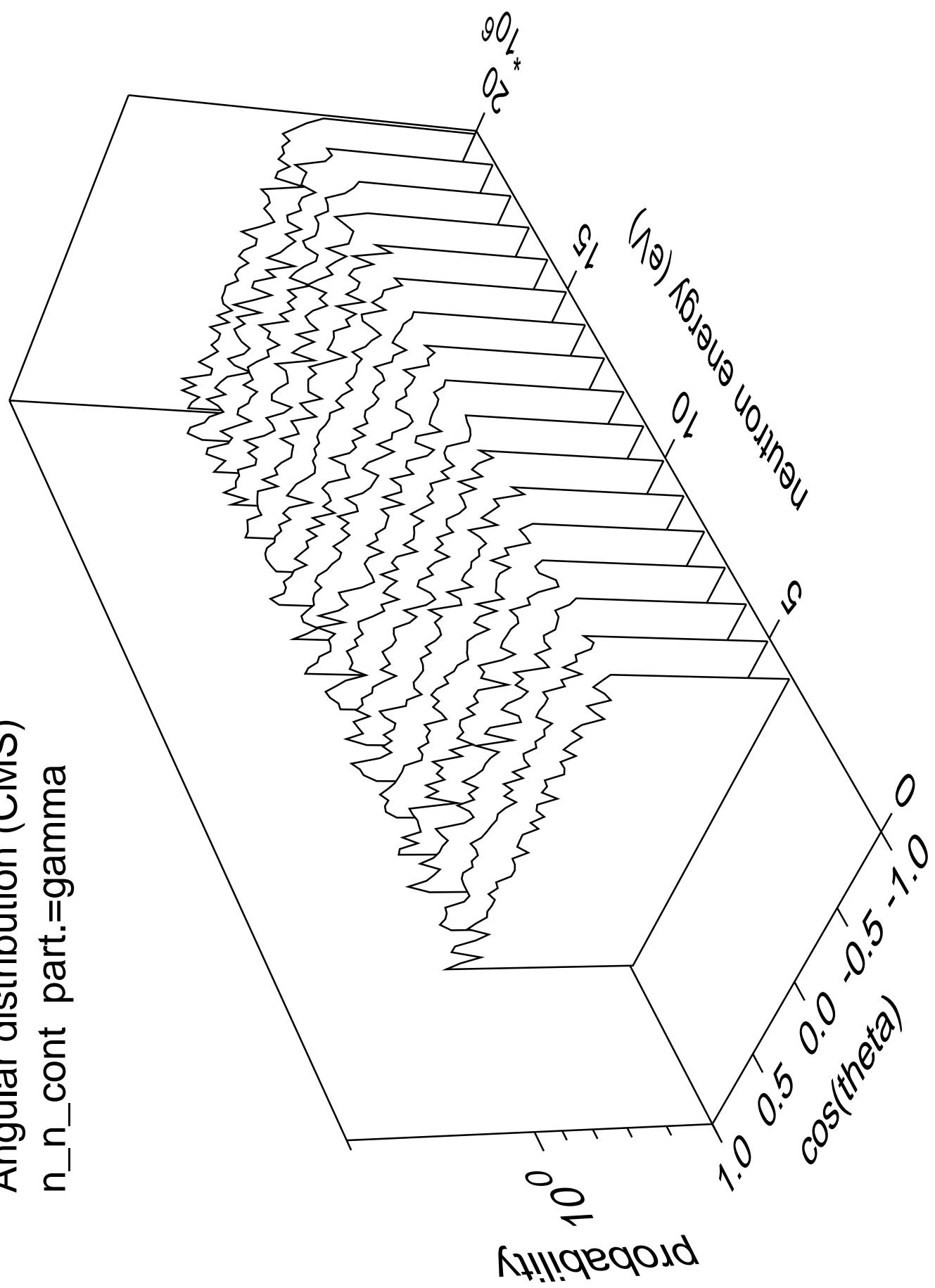


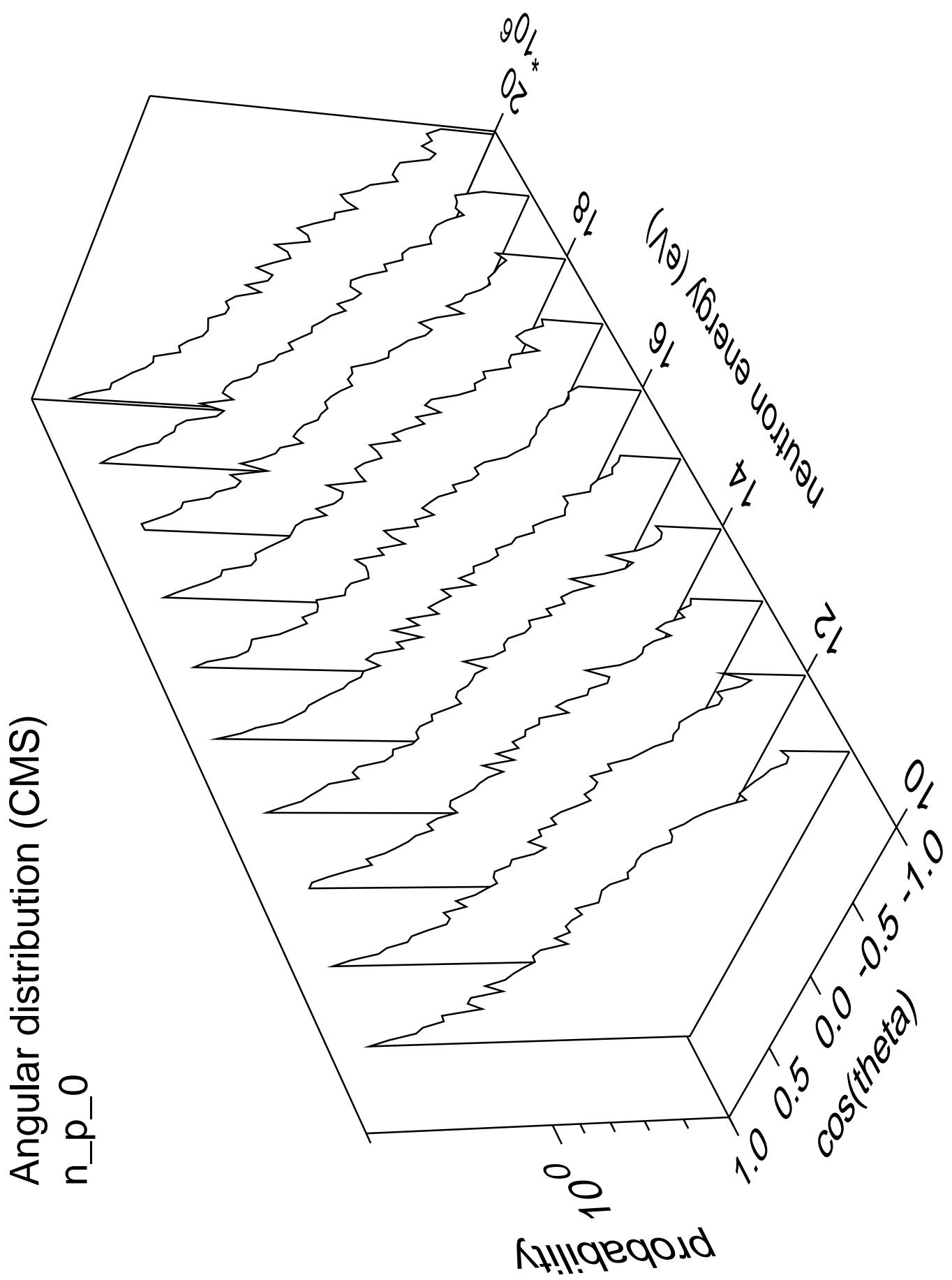


Angular distribution (CMS)
n_n_cont part.=neutron

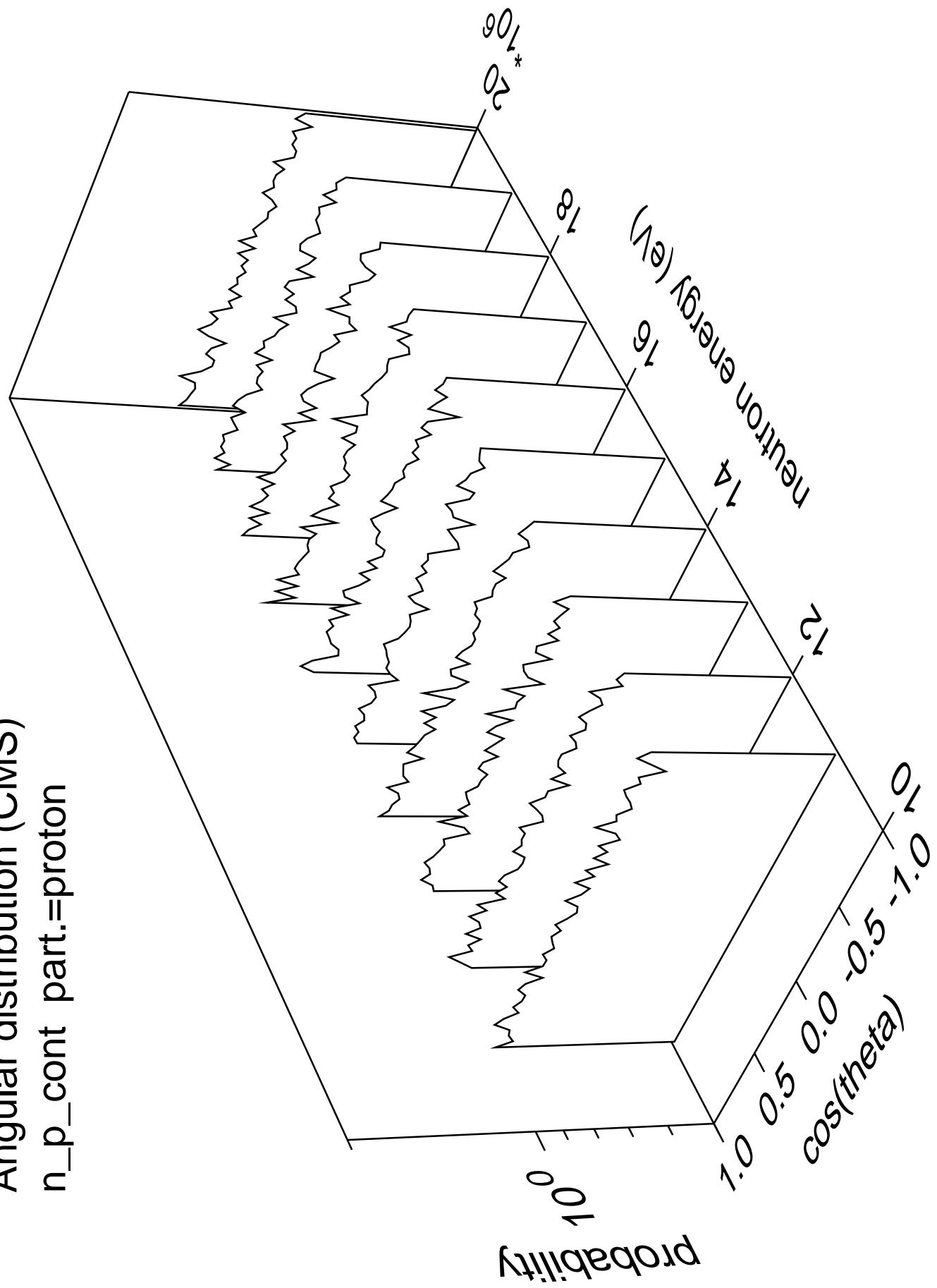


Angular distribution (CMS)
 n_n_{cont} part.=gamma

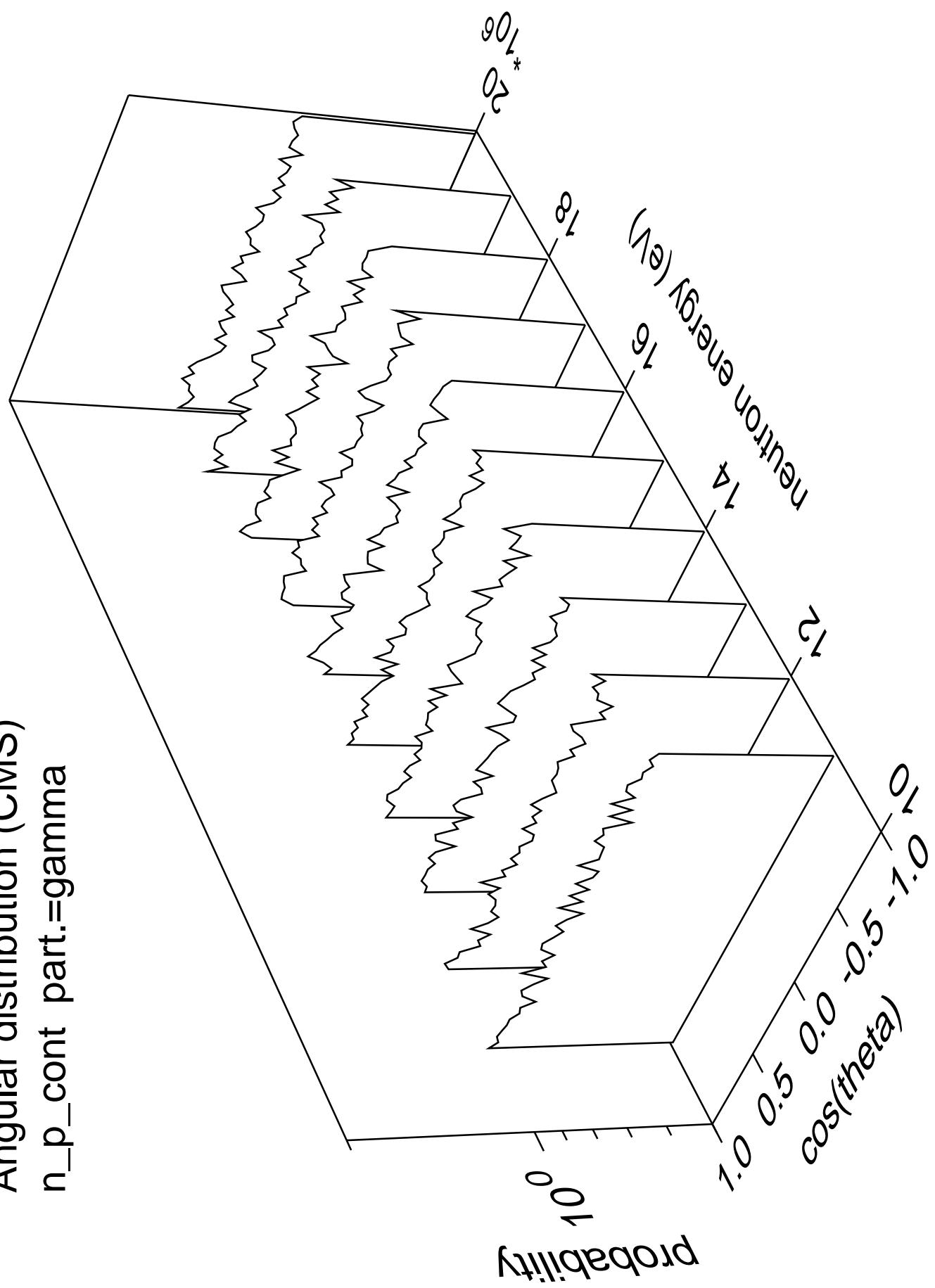


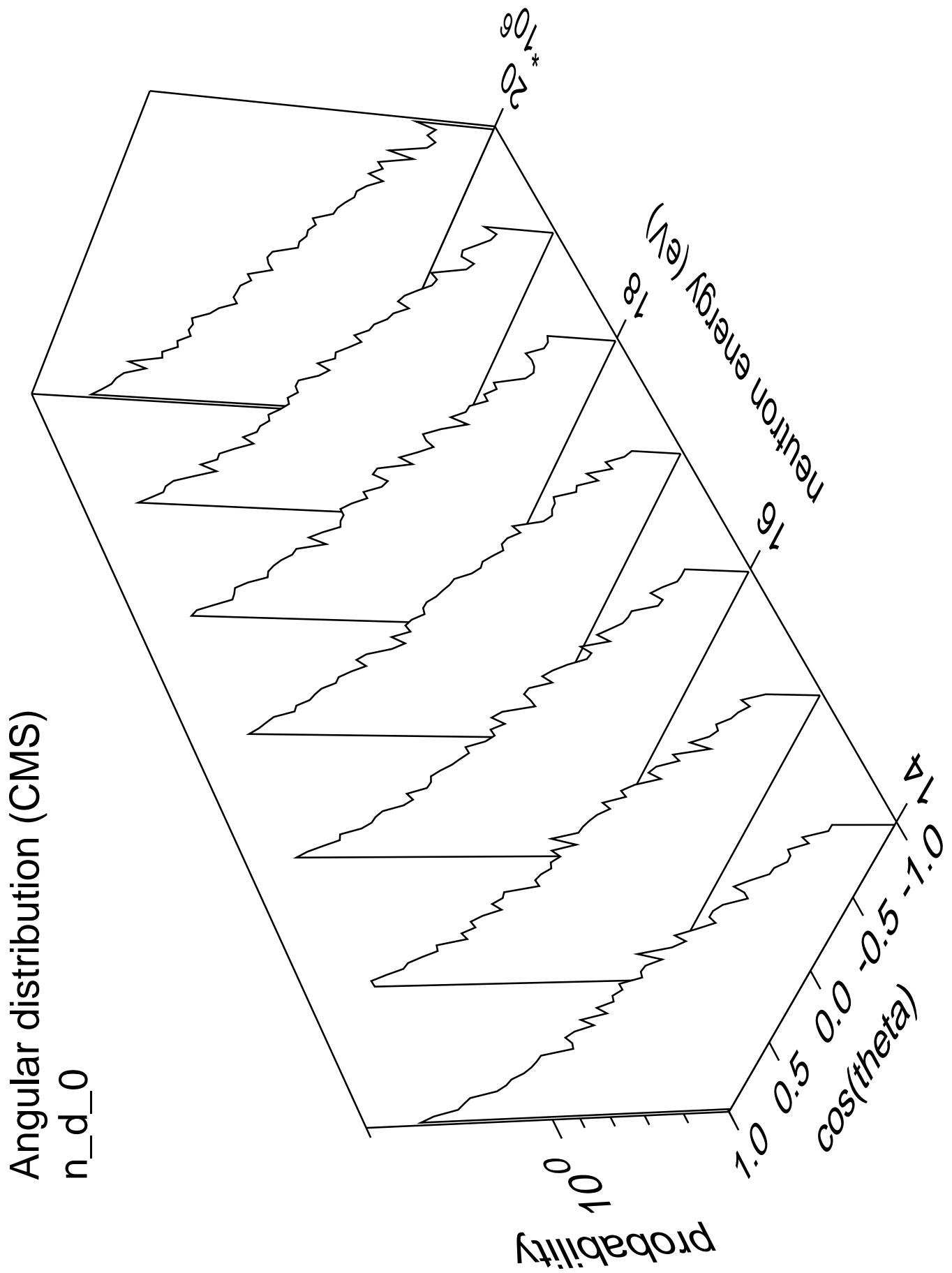


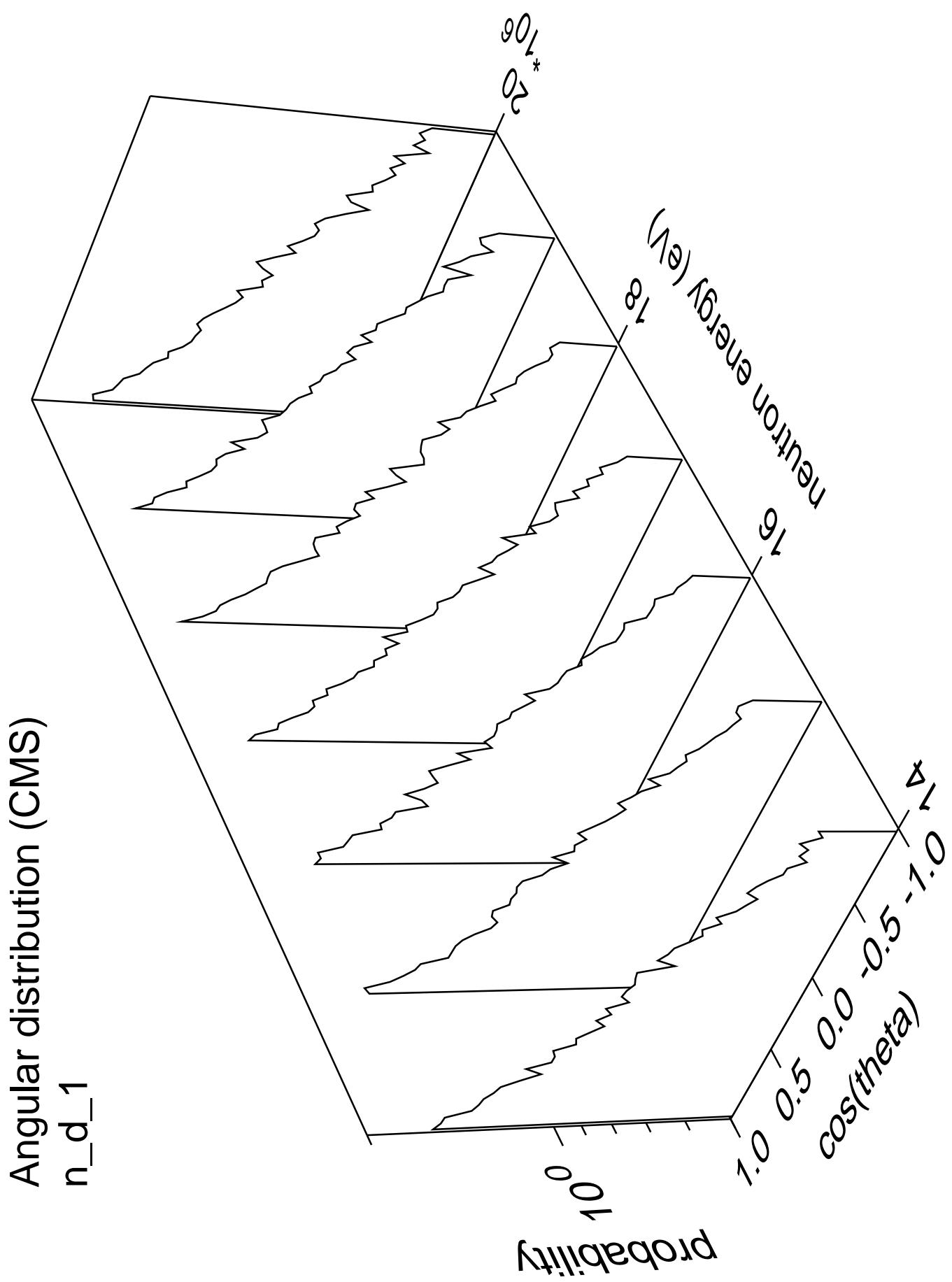
Angular distribution (CMS)
 $n_p_{\text{cont}} \text{ part.} = \text{proton}$

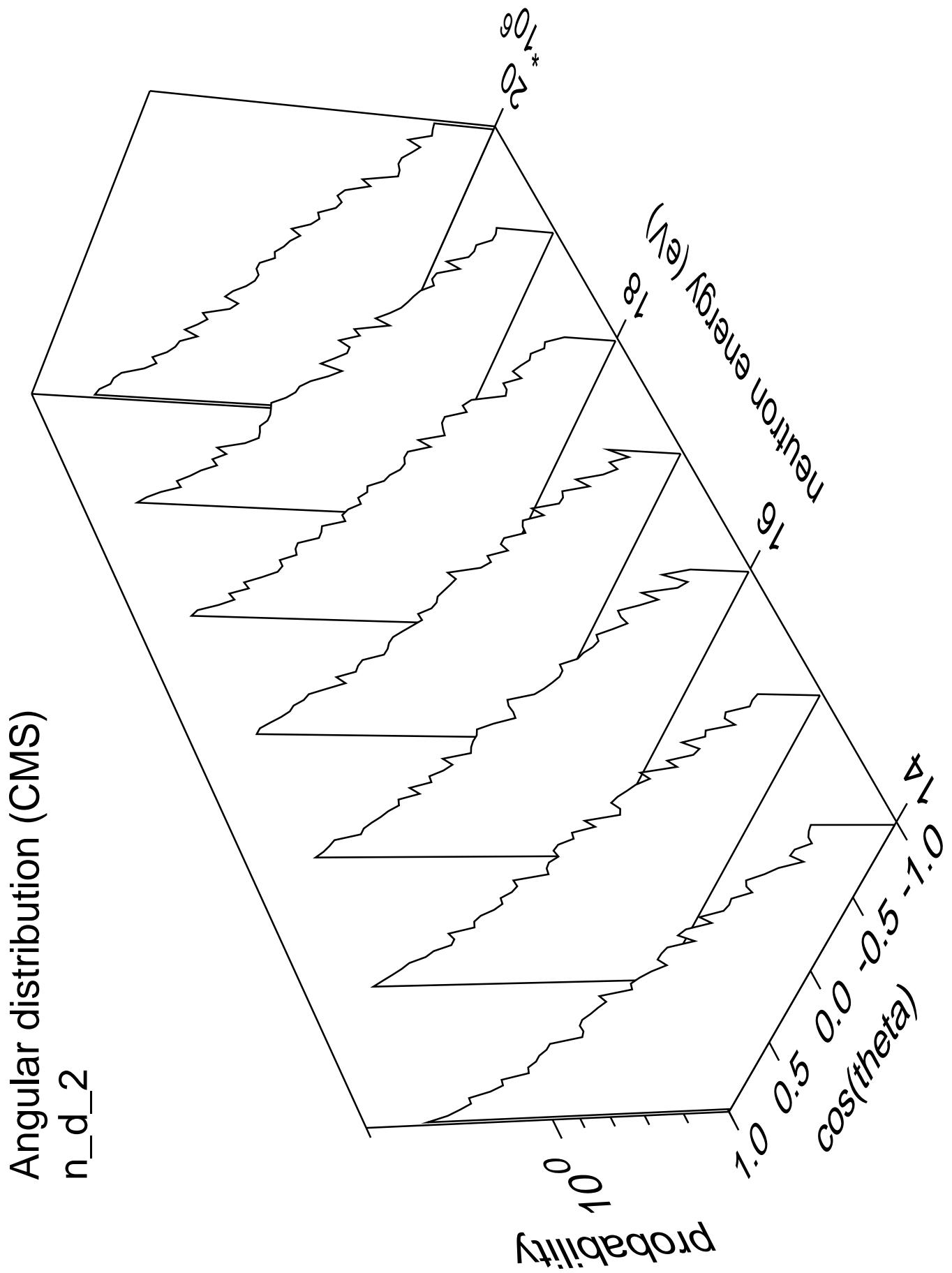


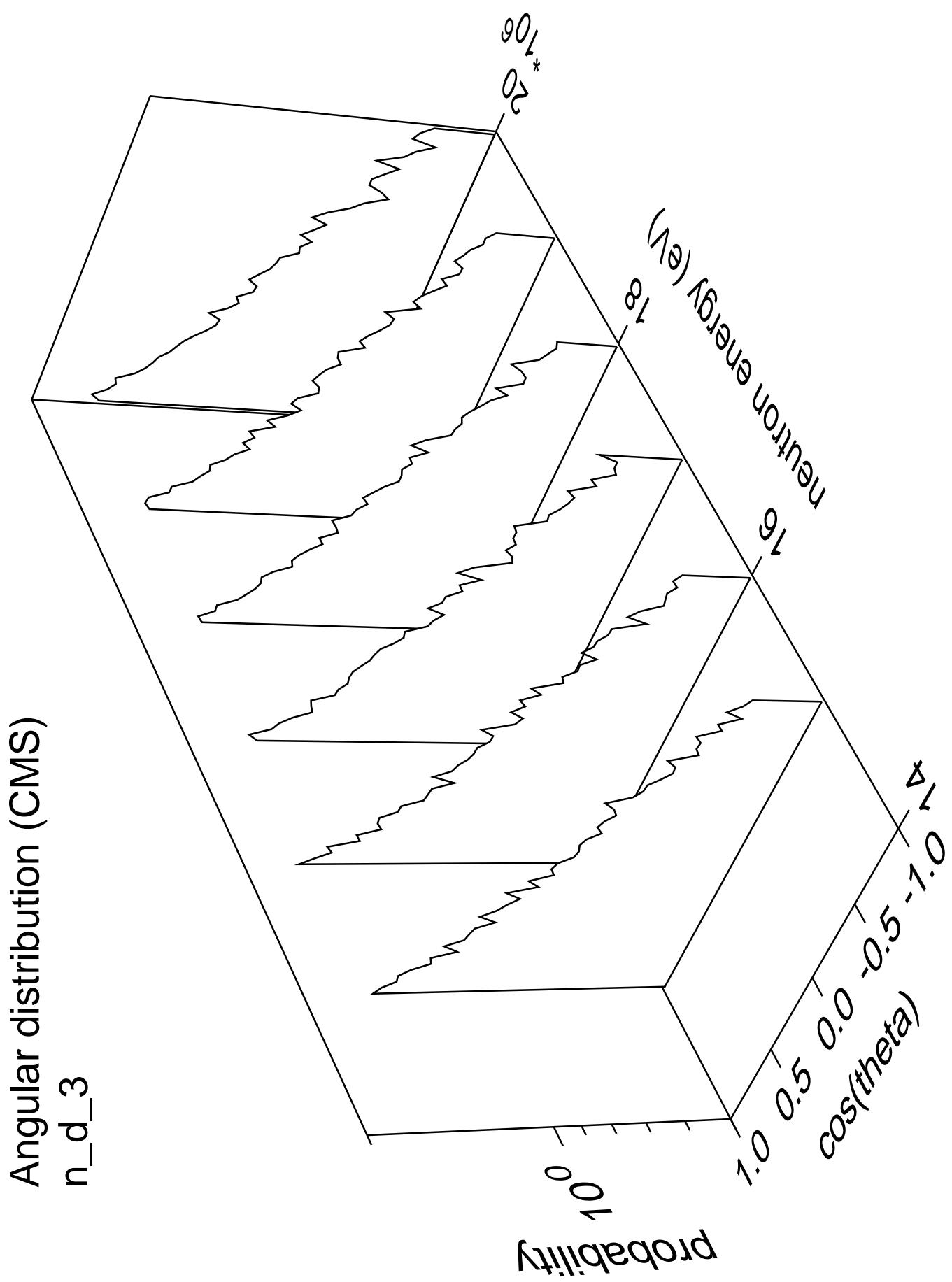
Angular distribution (CMS)
n_p_cont part.=gamma

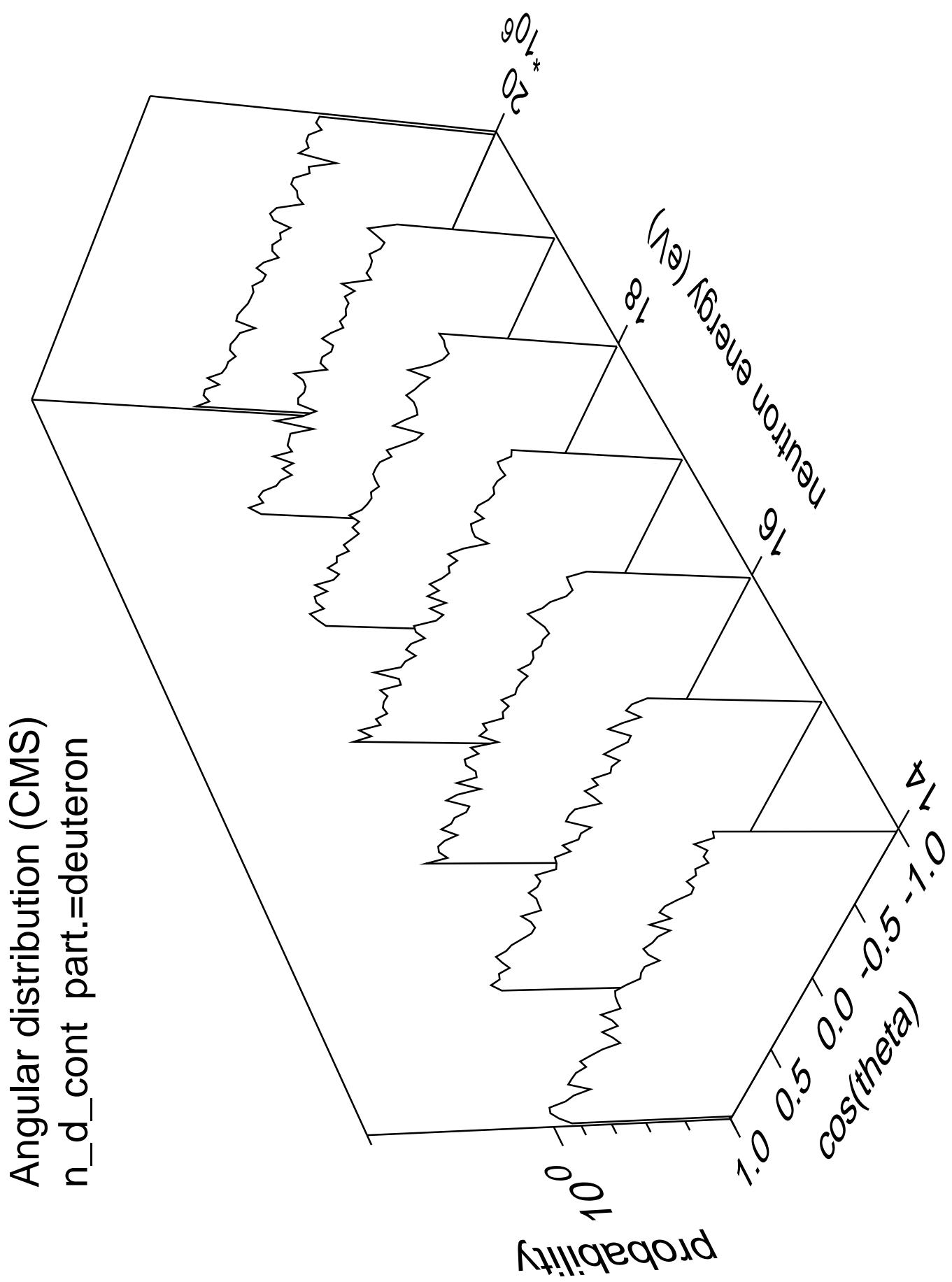




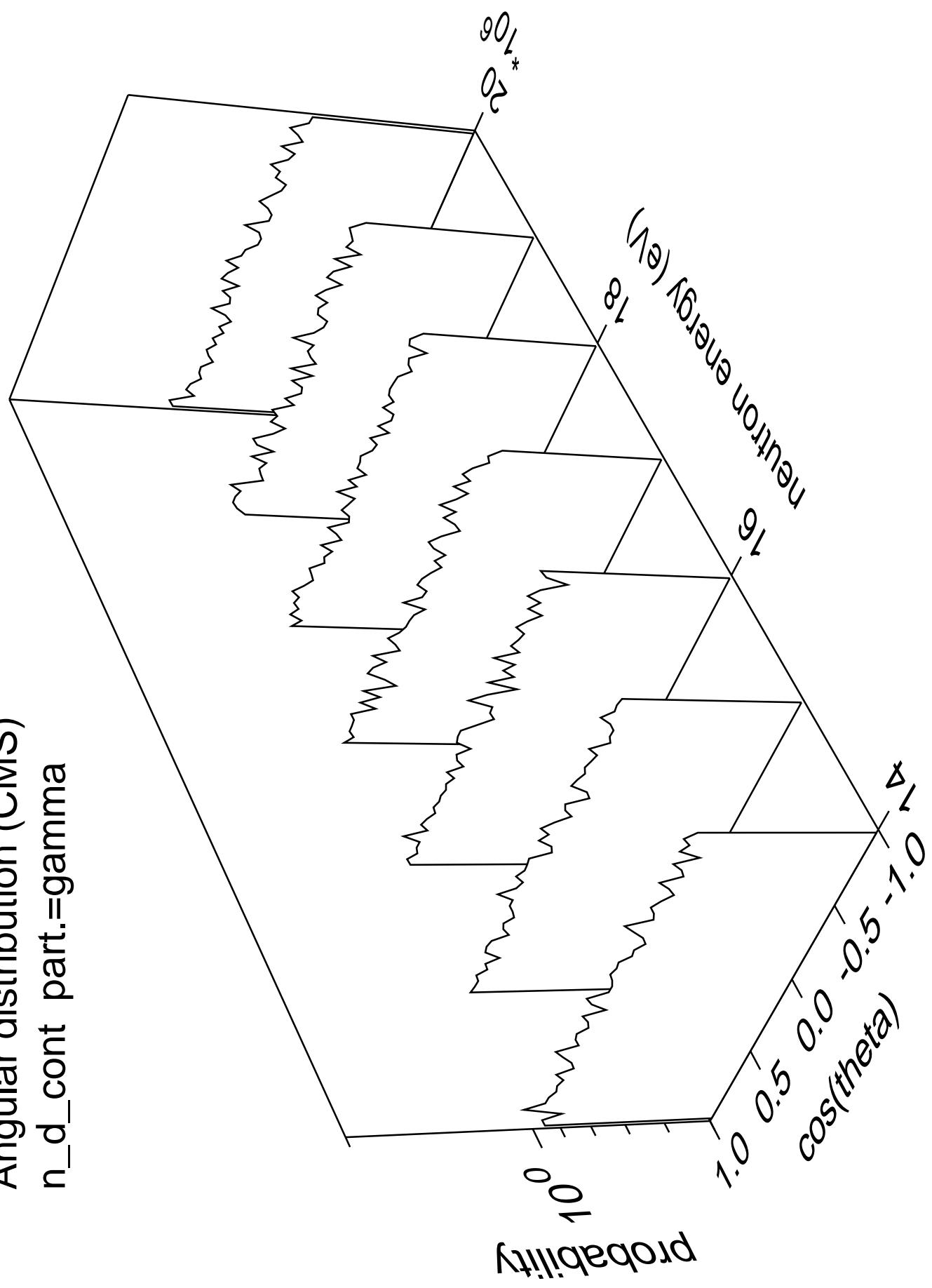


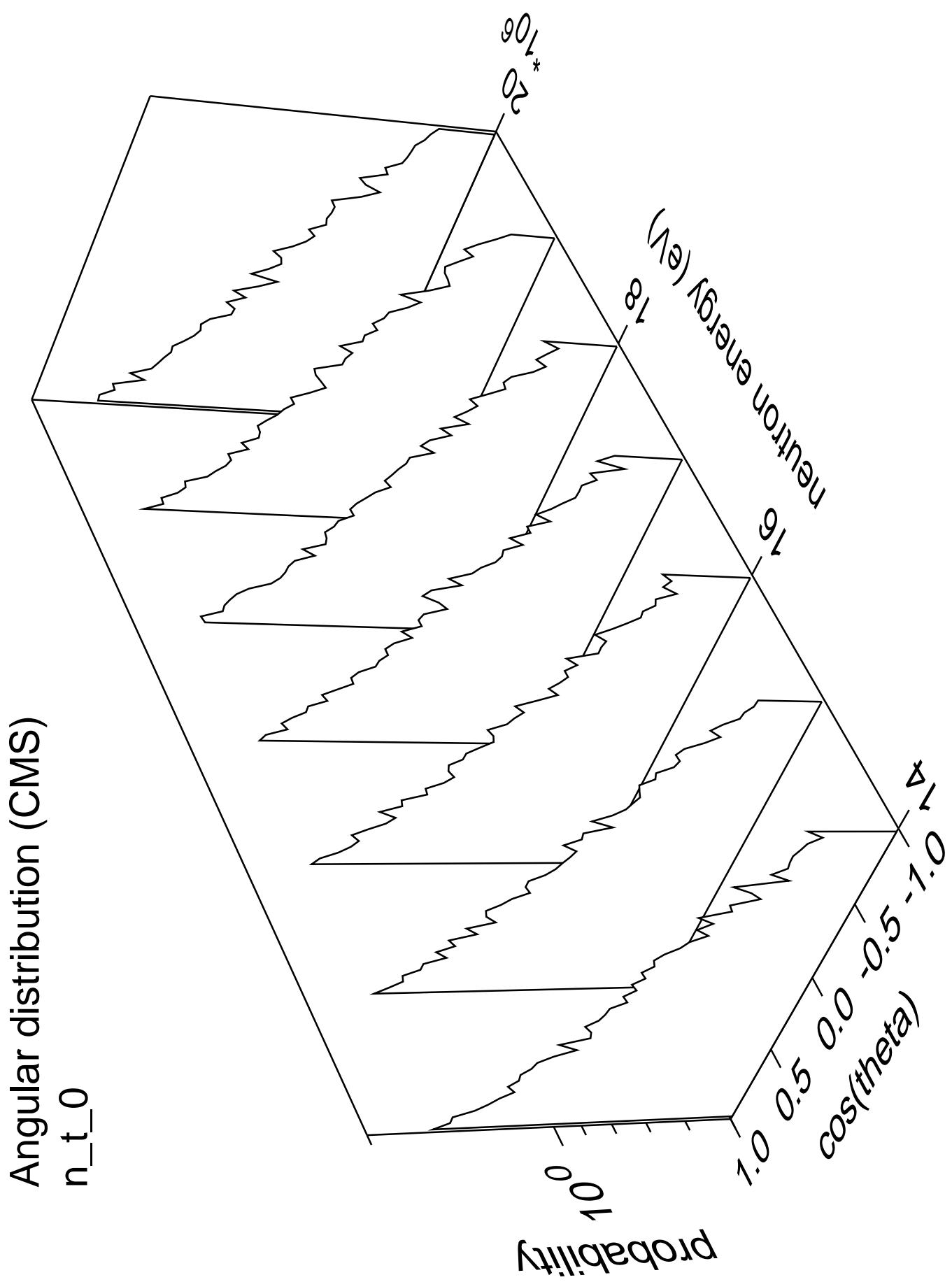


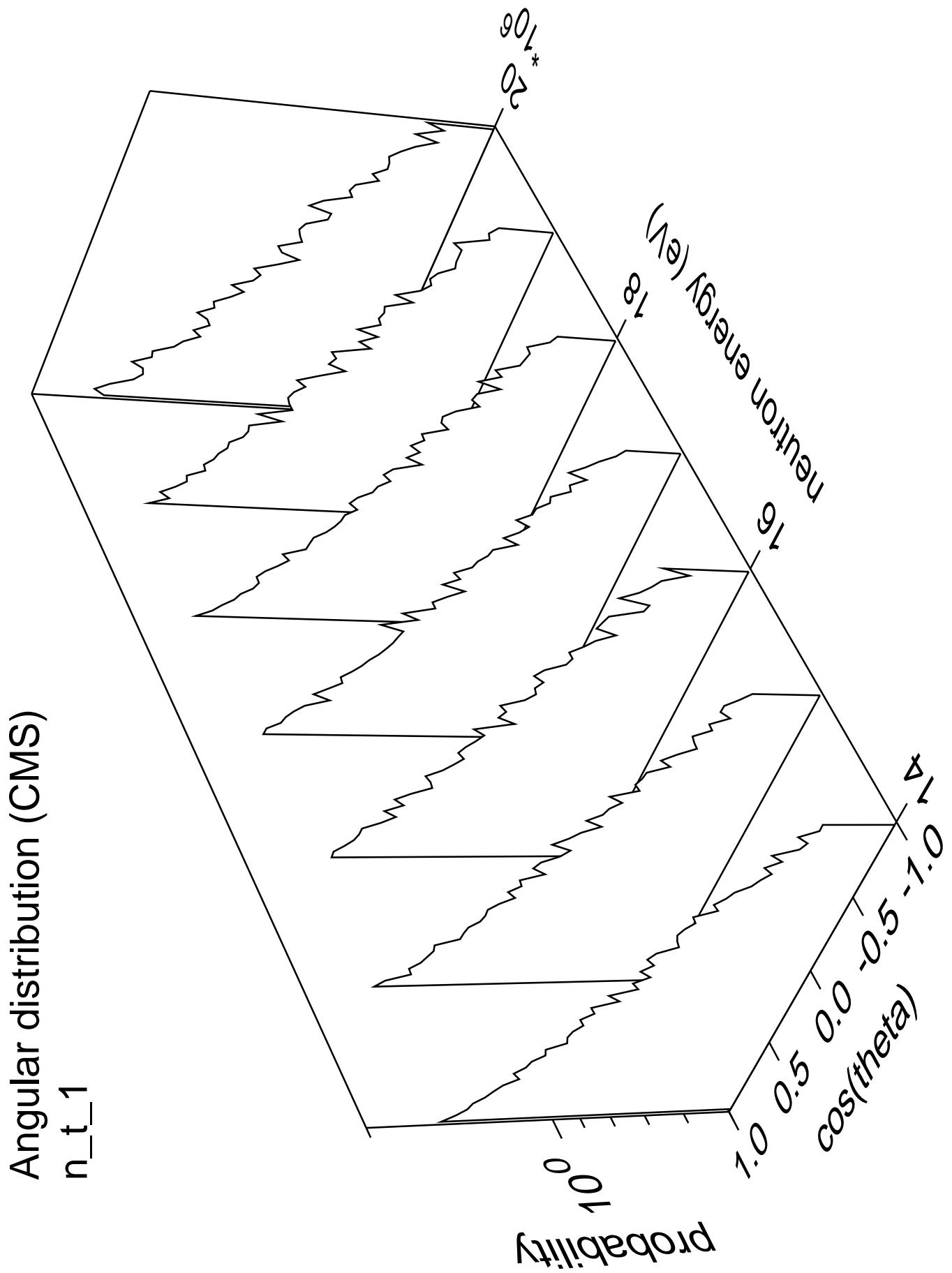




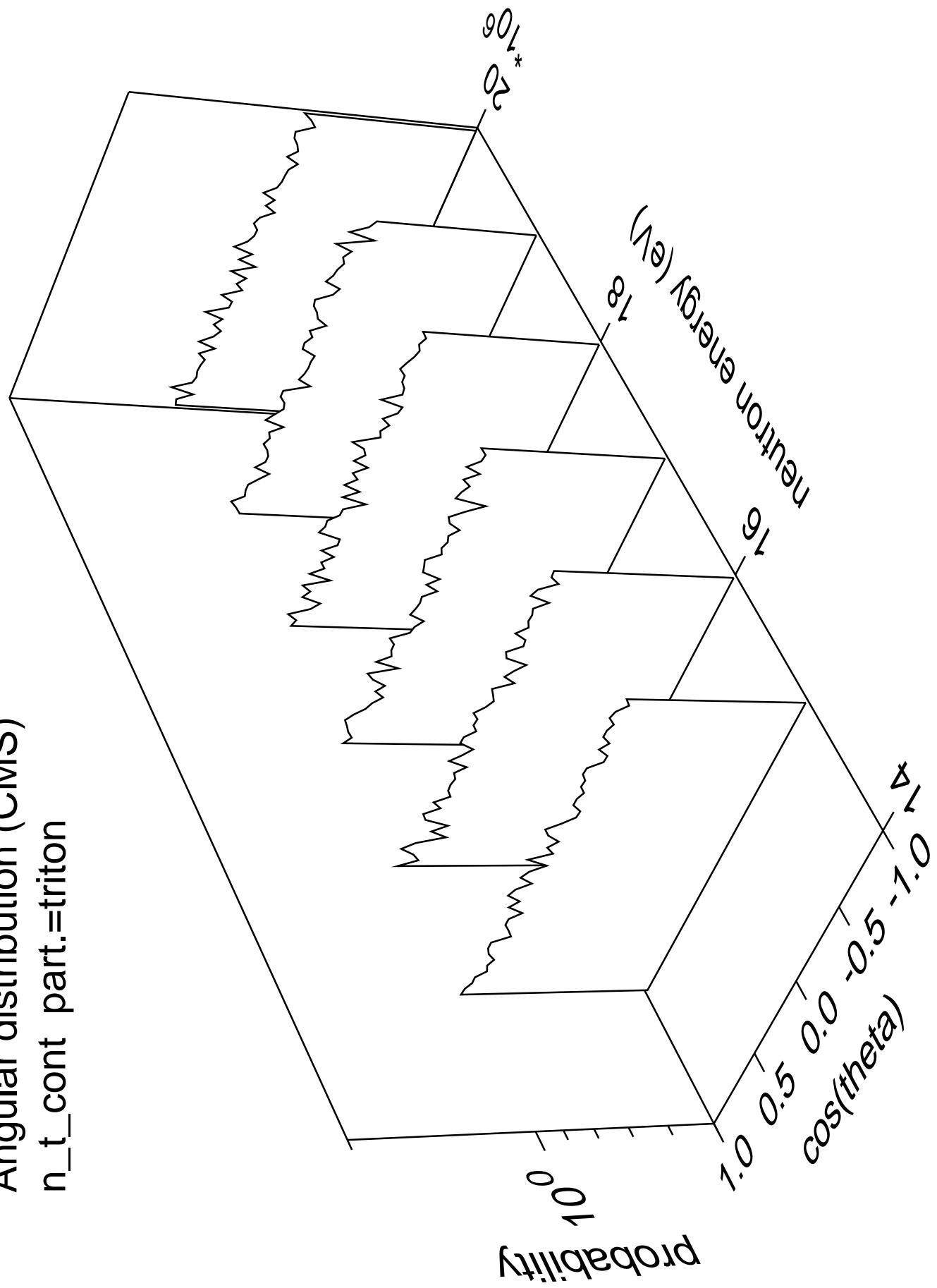
Angular distribution (CMS)
n_d_cont part.=gamma



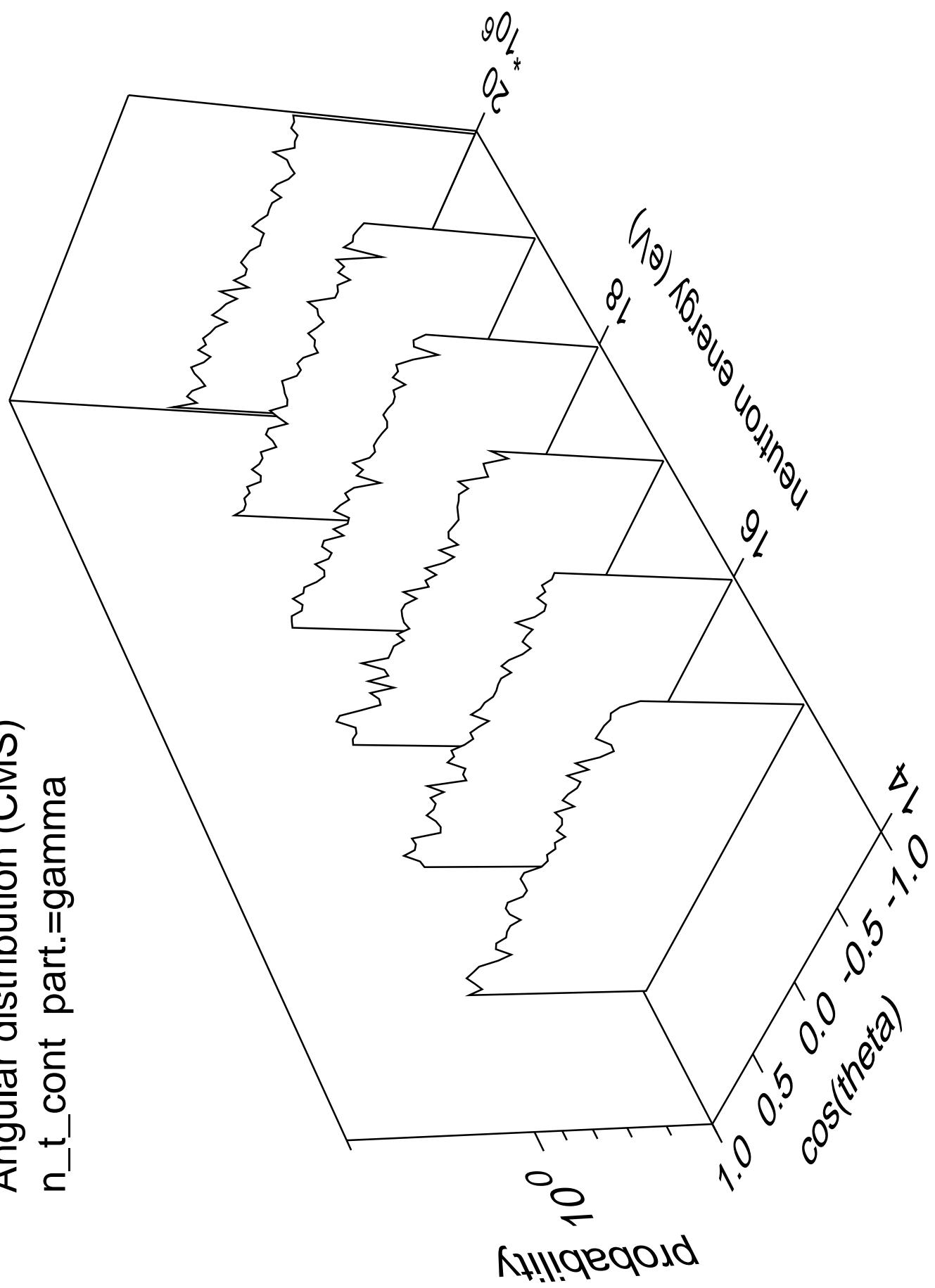


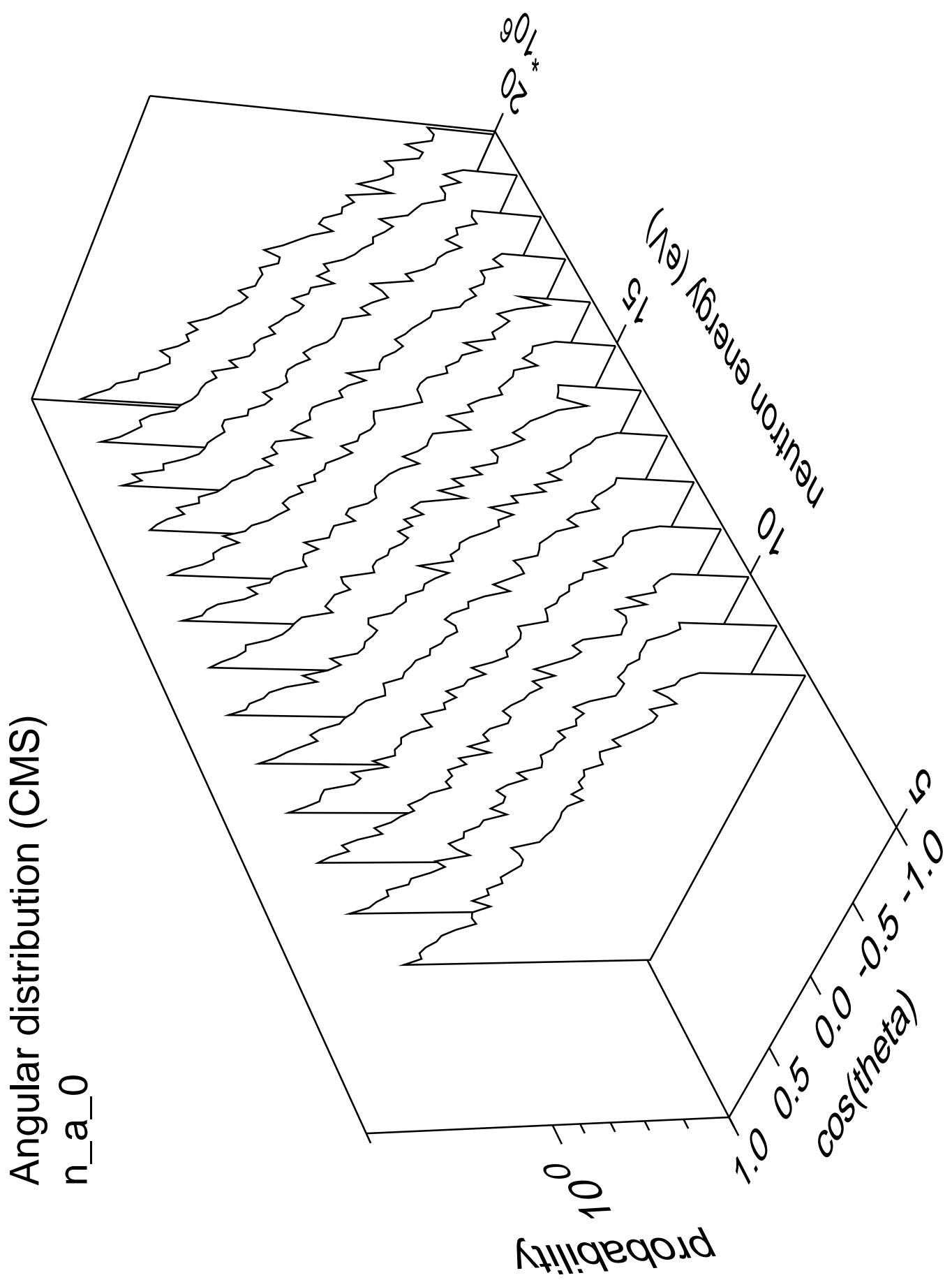


Angular distribution (CMS)
n_t_cont part.=triton

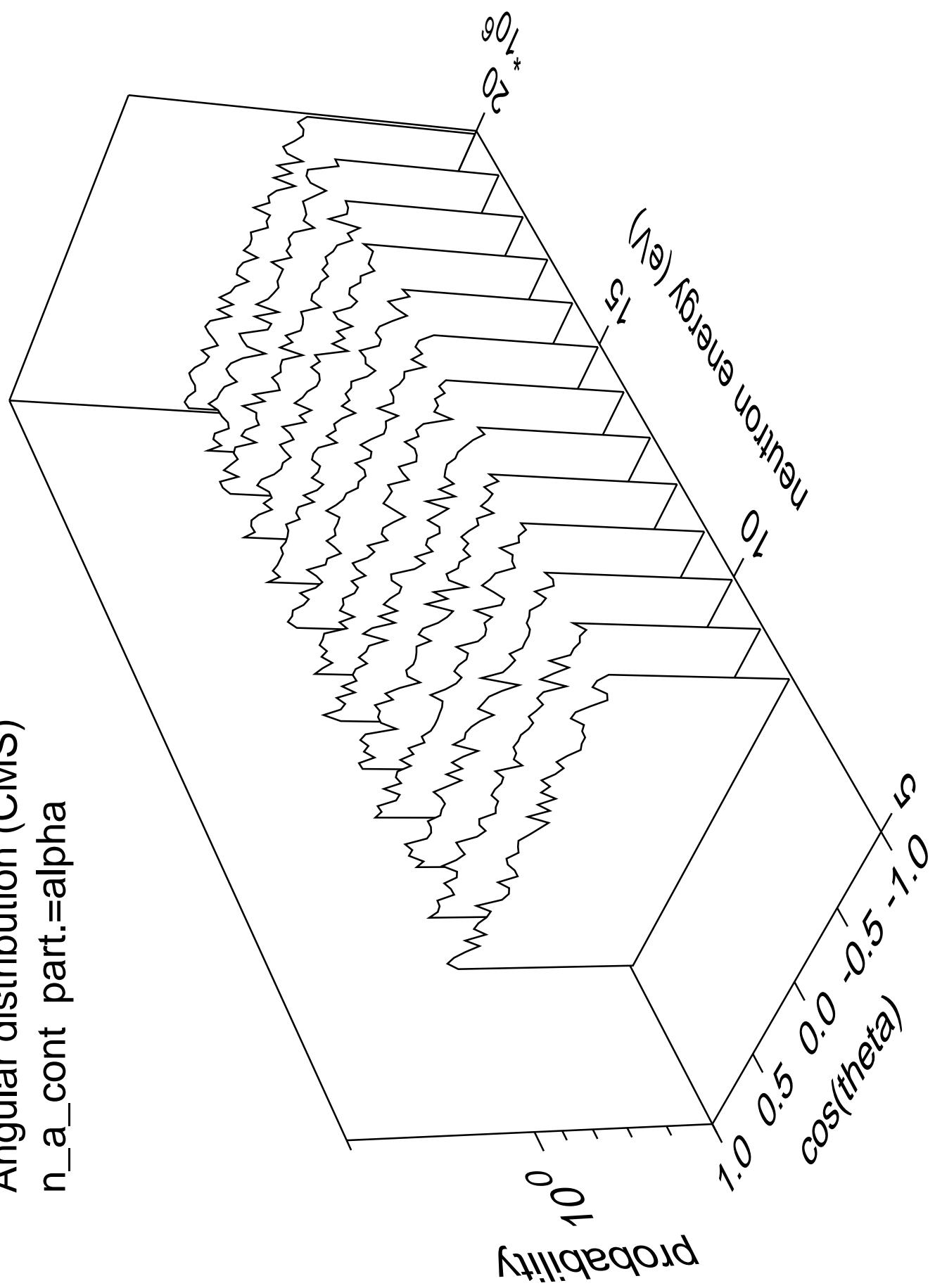


Angular distribution (CMS)
 n_t cont part.=gamma

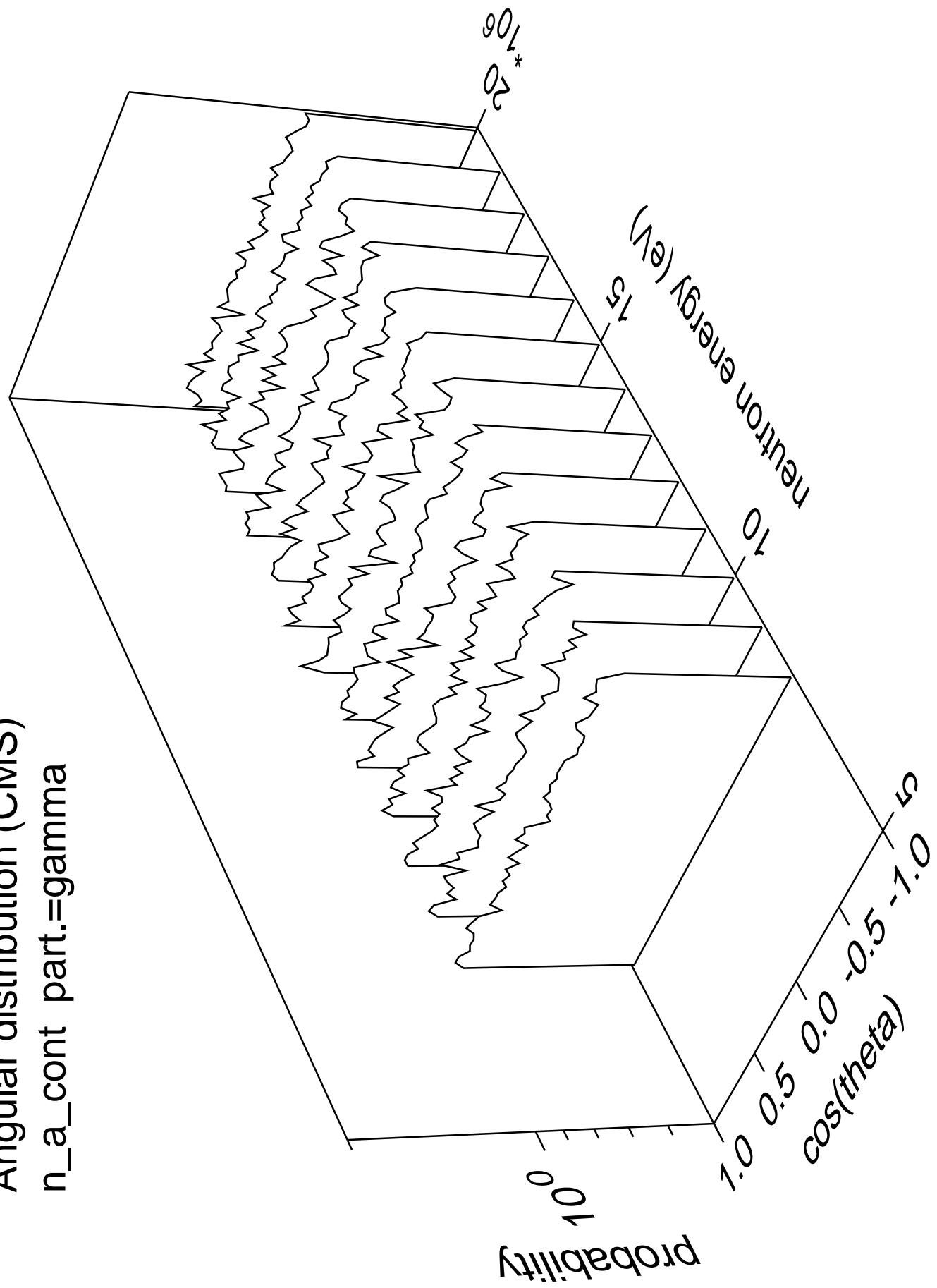




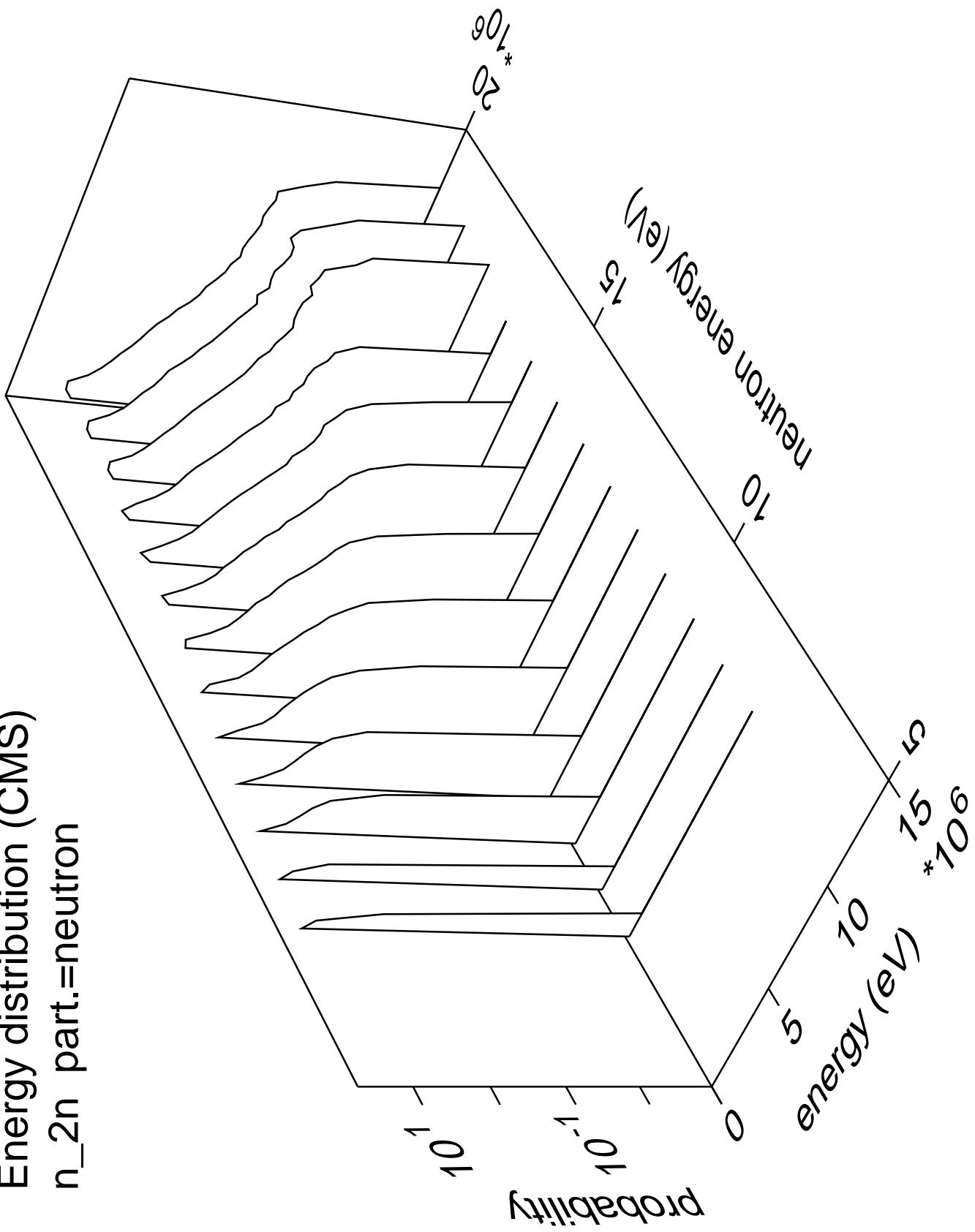
Angular distribution (CMS)
 n_a _cont part.=alpha



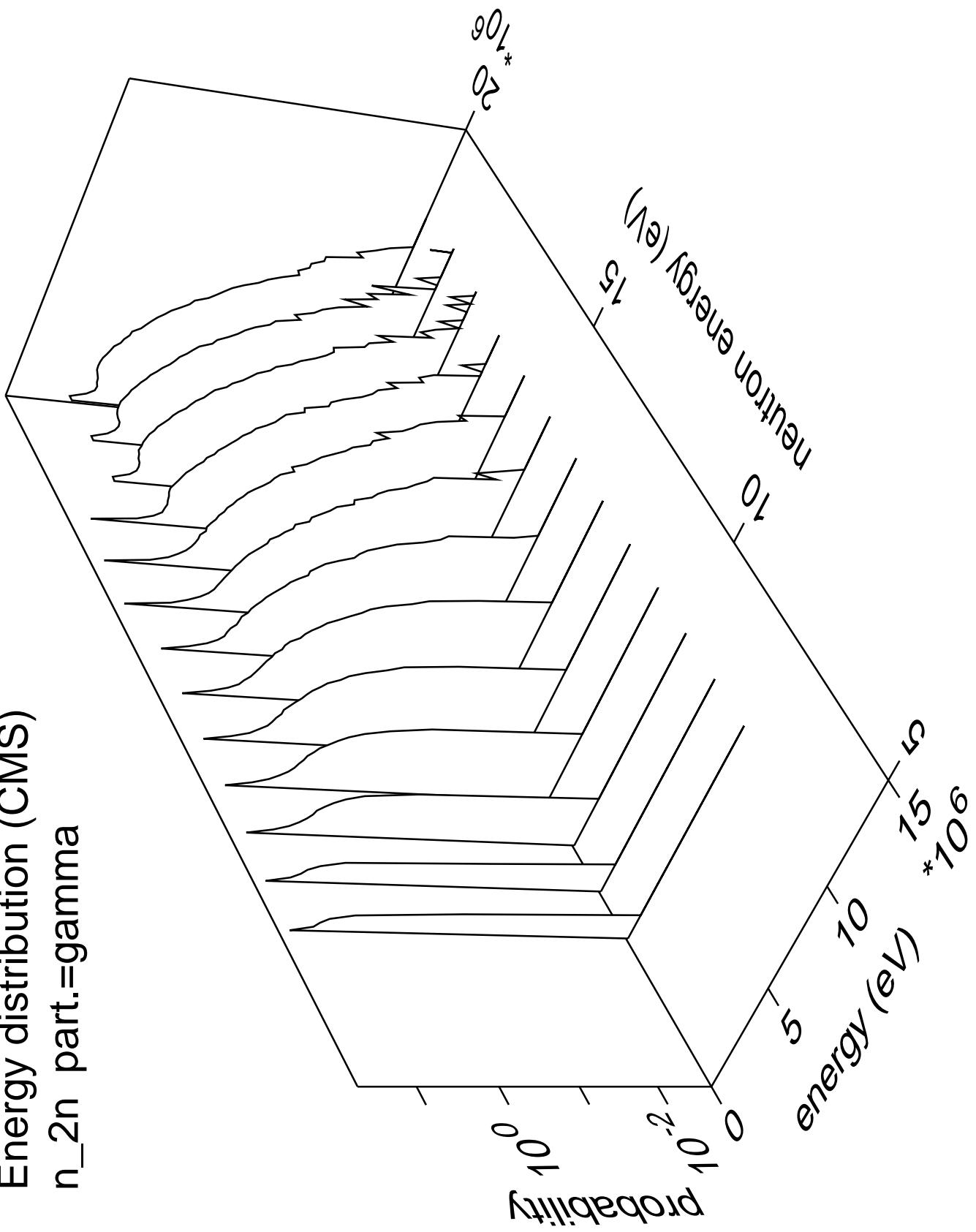
Angular distribution (CMS)
n_a_cont part.=gamma



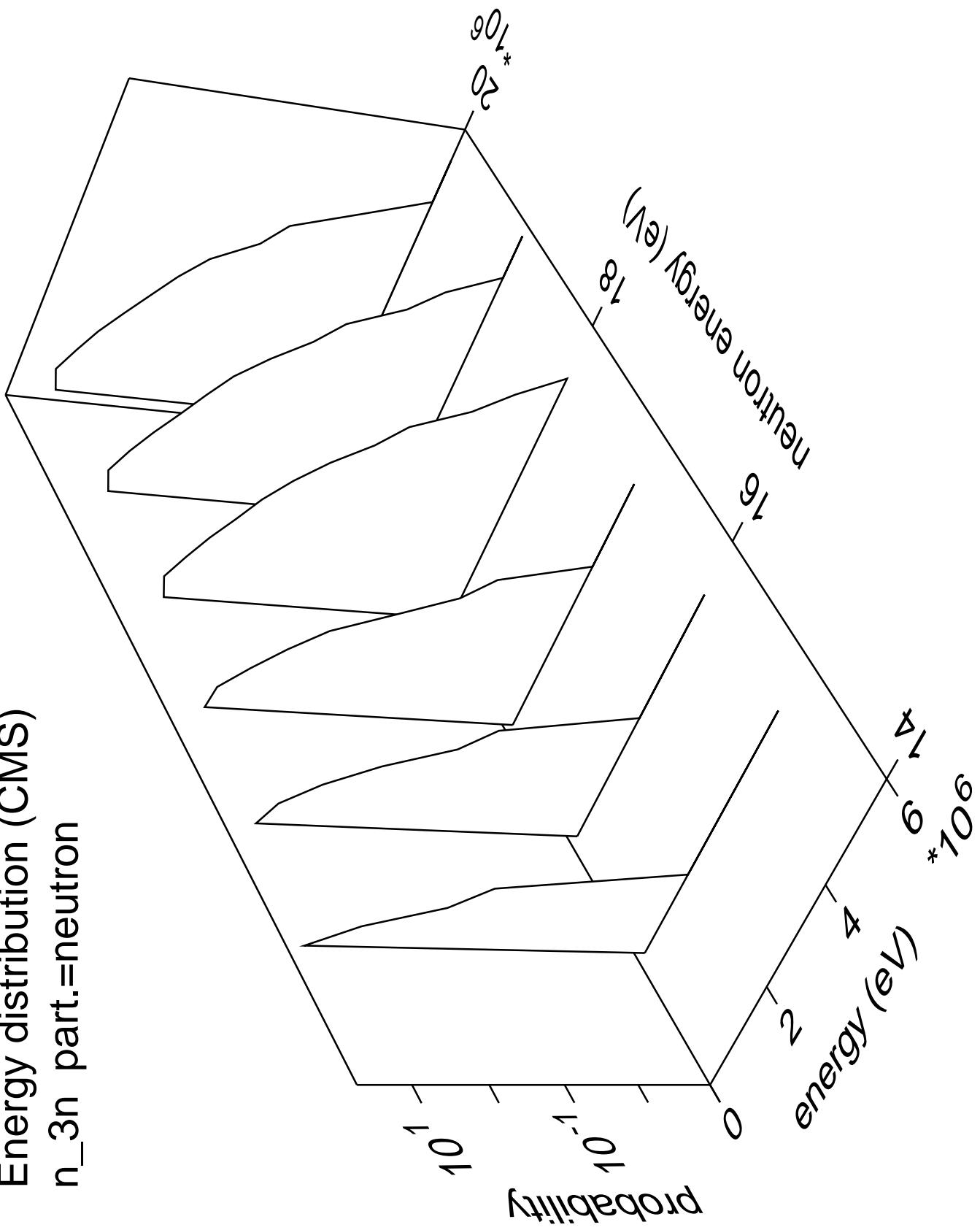
Energy distribution (CMS)
 n_{2n} part.=neutron



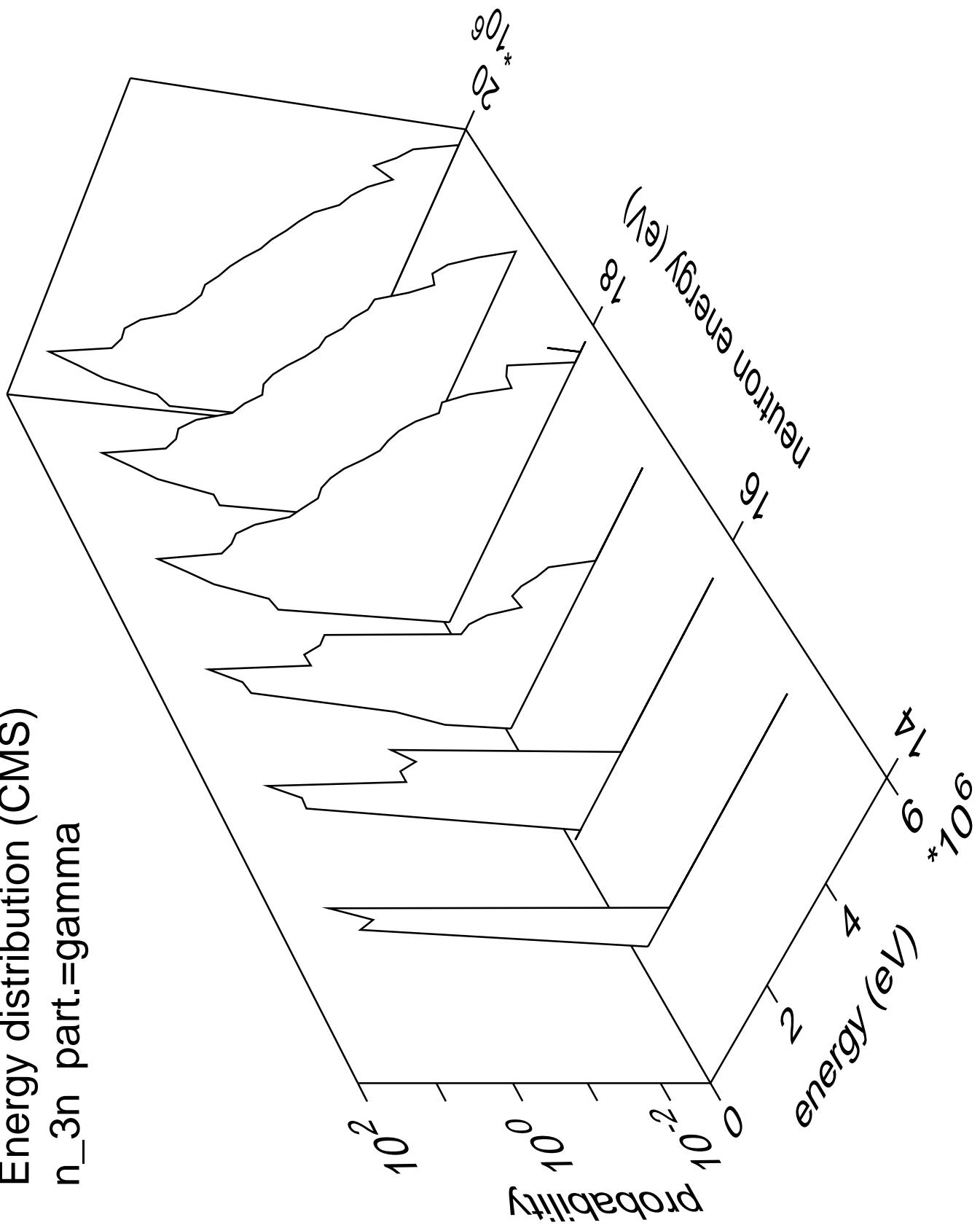
Energy distribution (CMS)
 n_{2n} part.=gamma

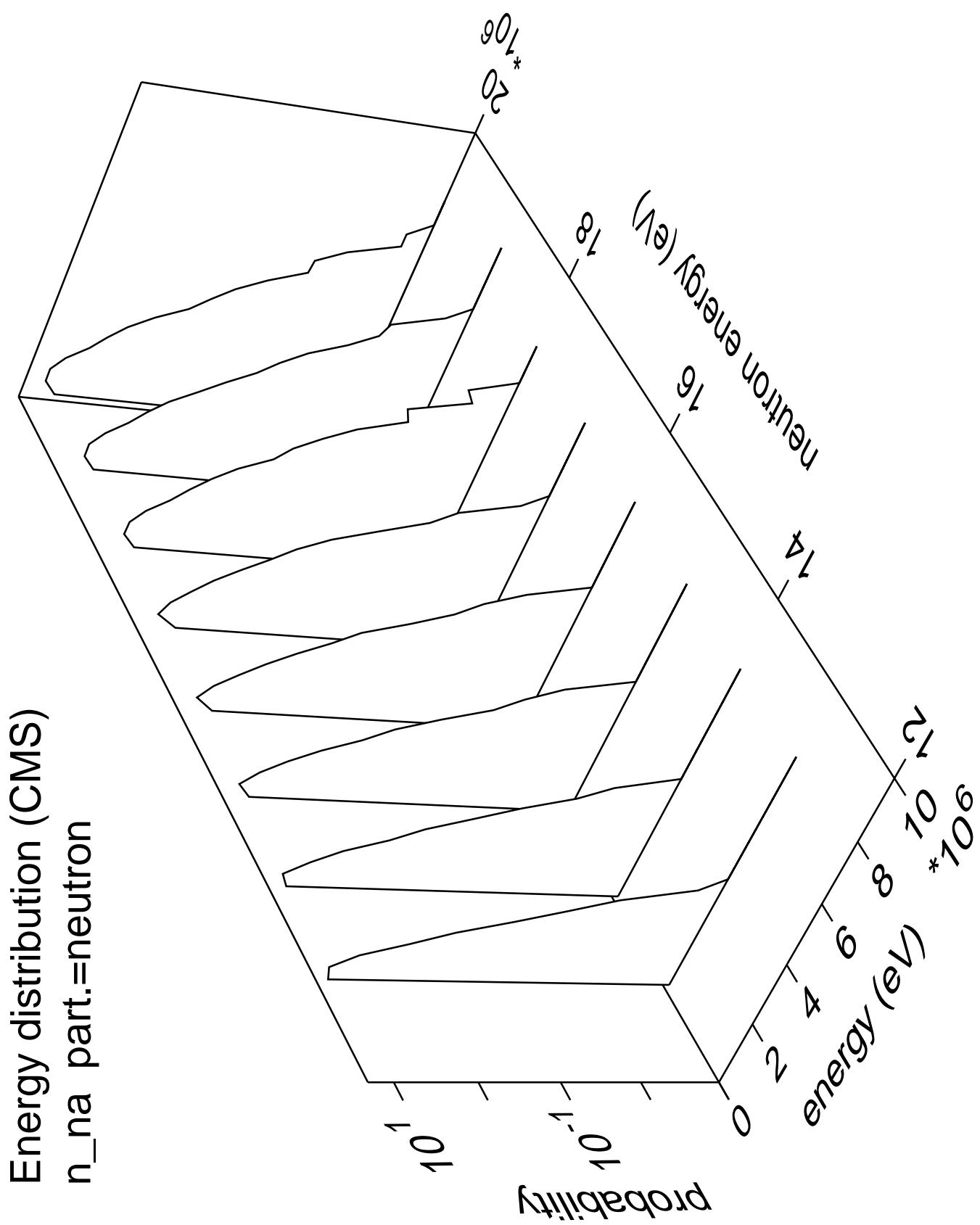


Energy distribution (CMS)
 n_{3n} part.=neutron

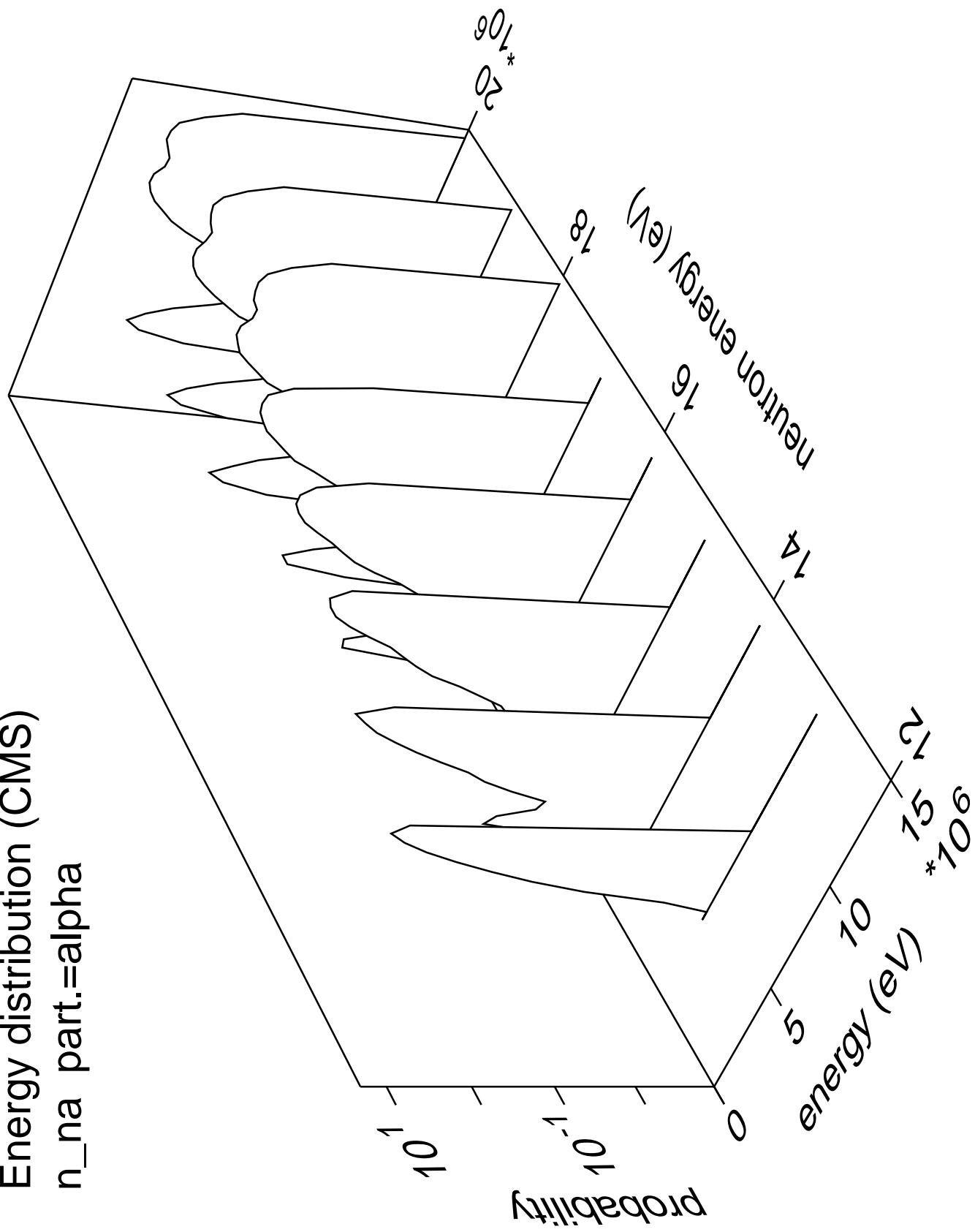


Energy distribution (CMS)
 n_{3n} part.=gamma

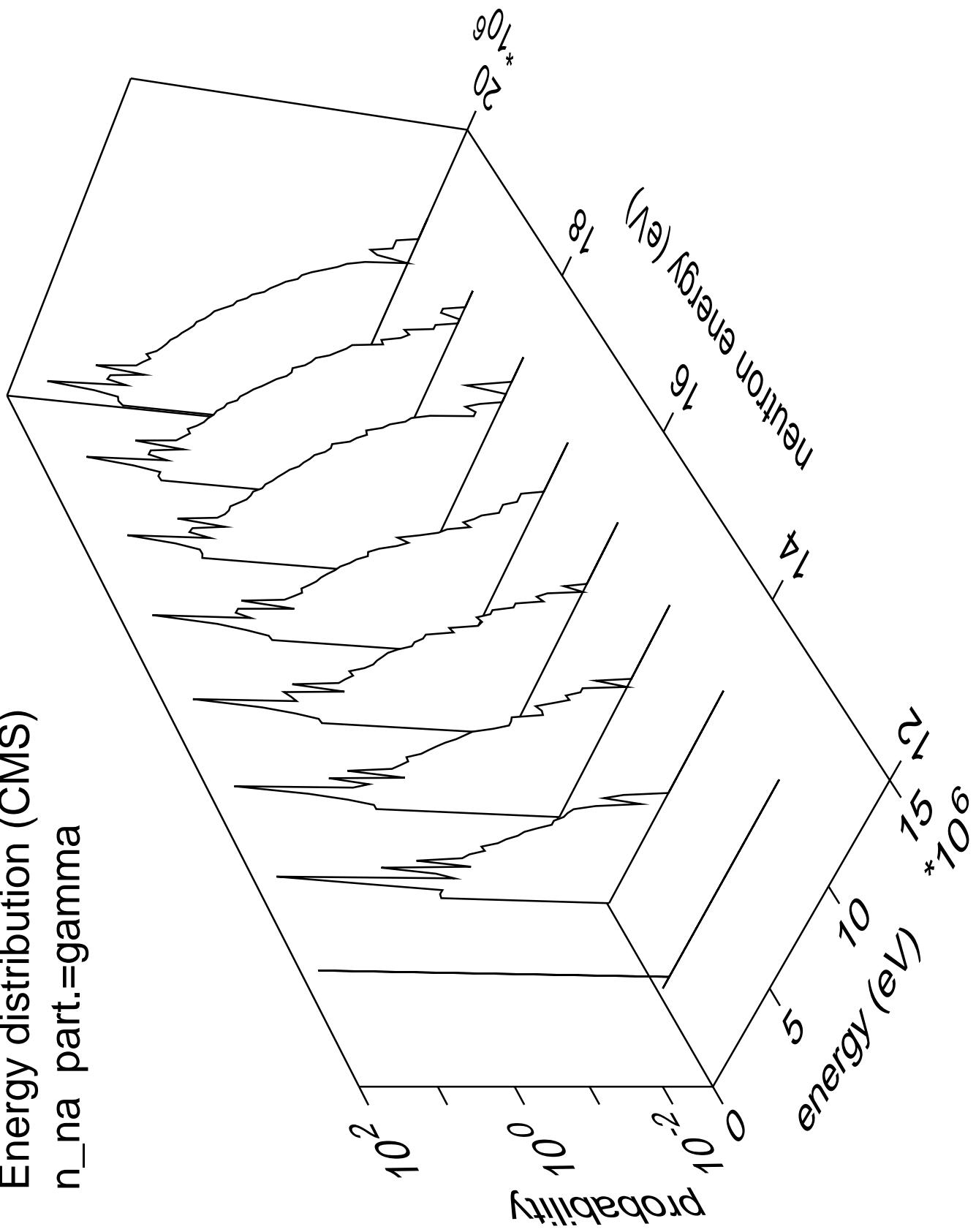


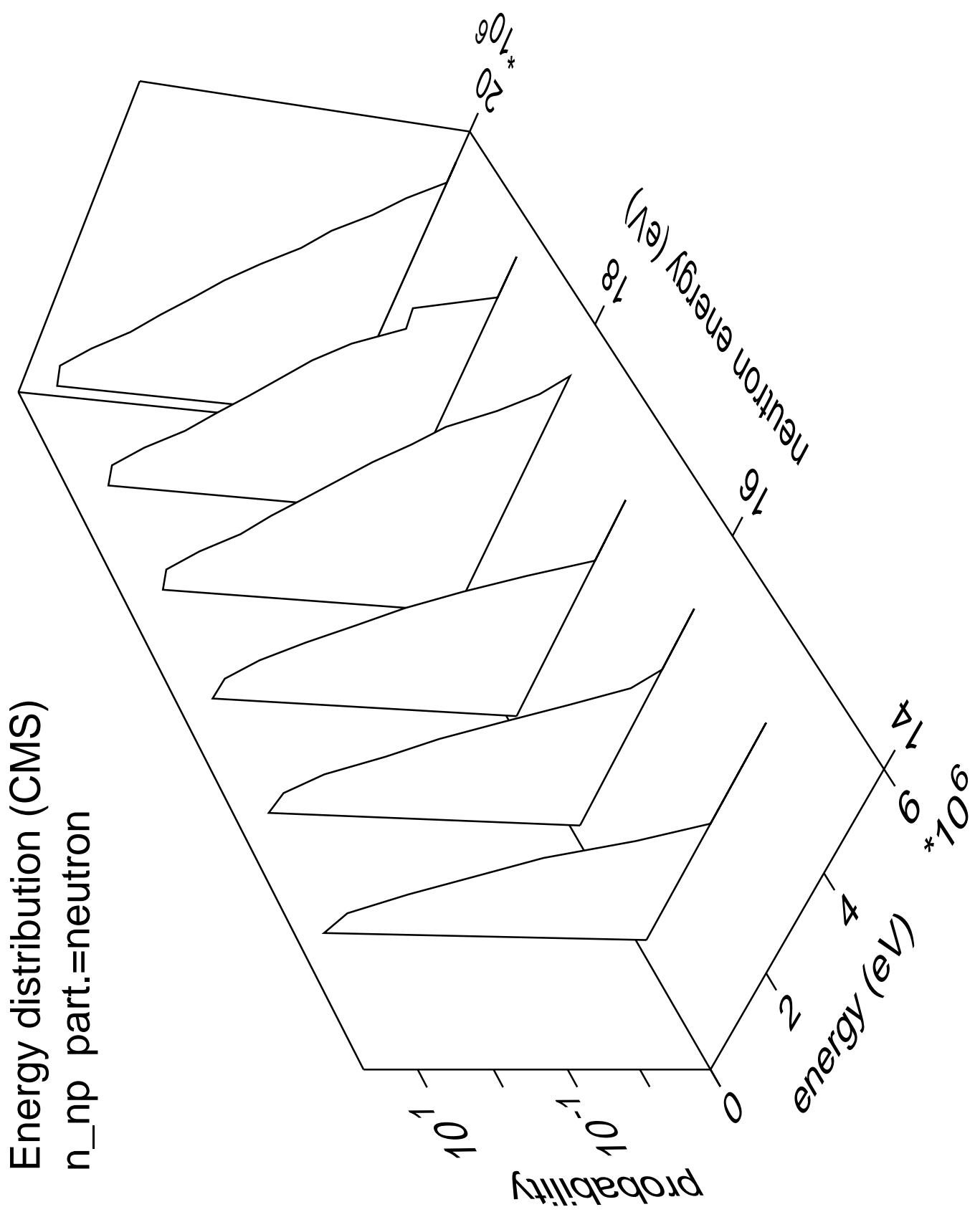


Energy distribution (CMS)
 $n_{\text{na}} \text{ part.} = \text{alpha}$

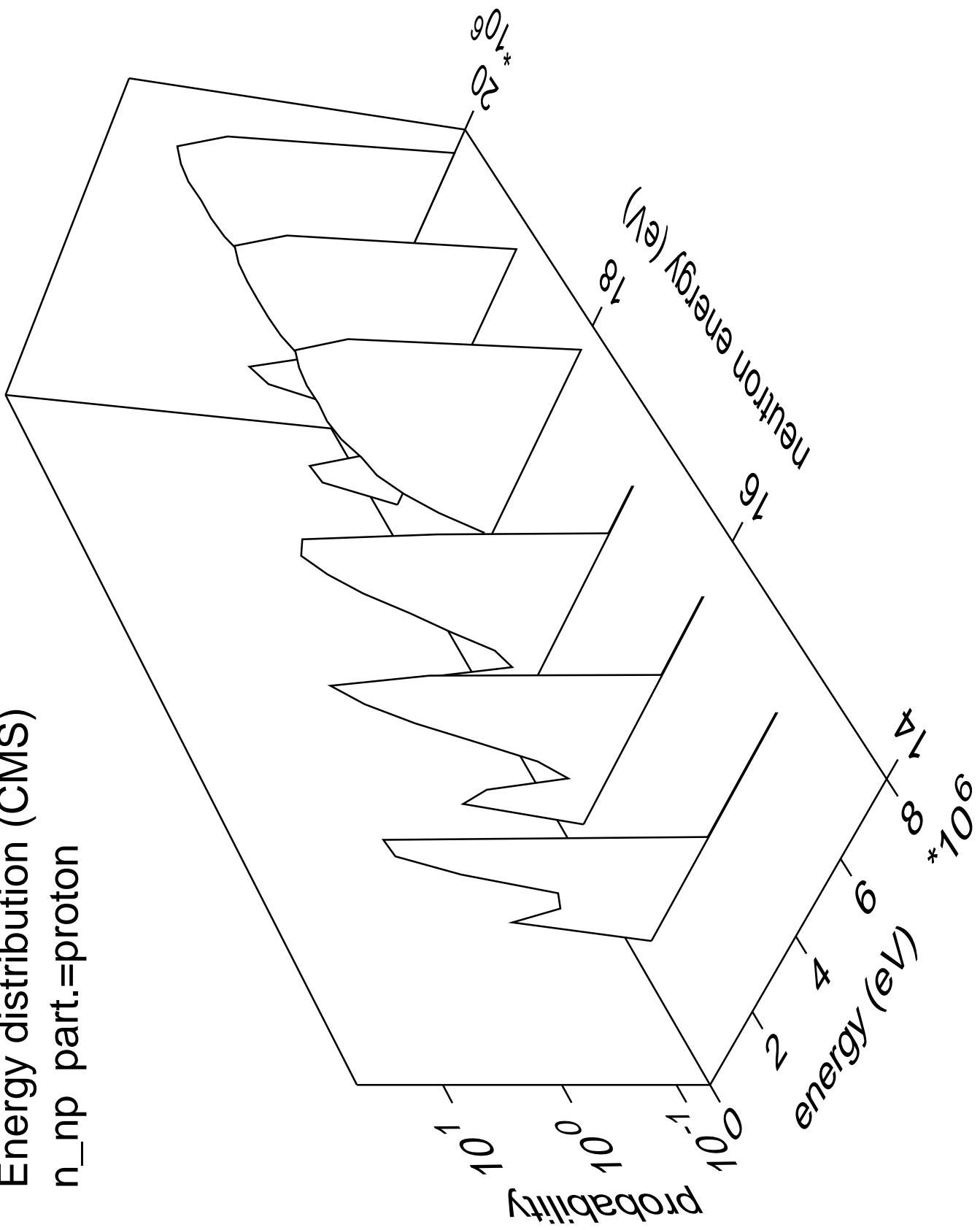


Energy distribution (CMS)
 $n_{\text{na}} \text{ part.} = \text{gamma}$

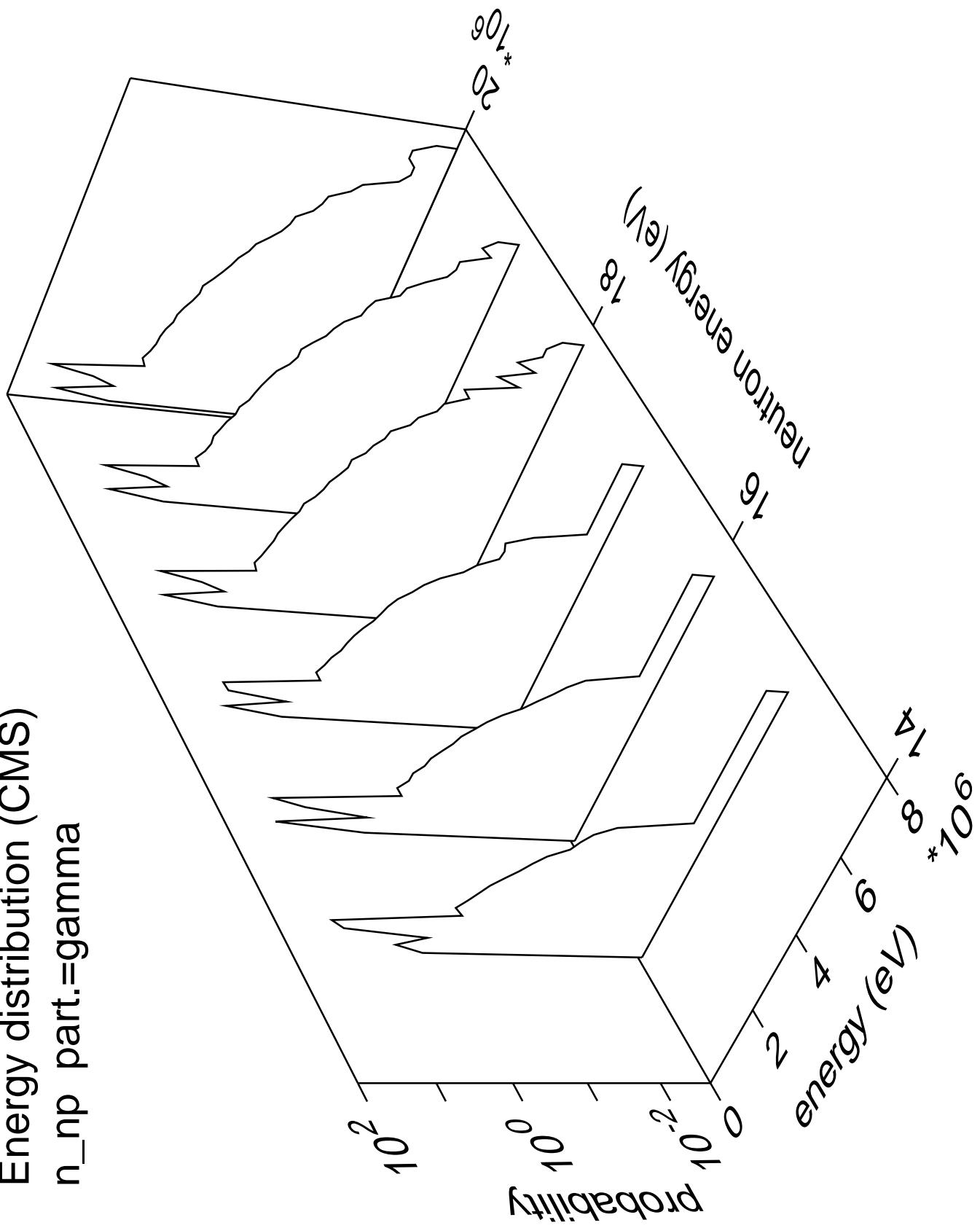




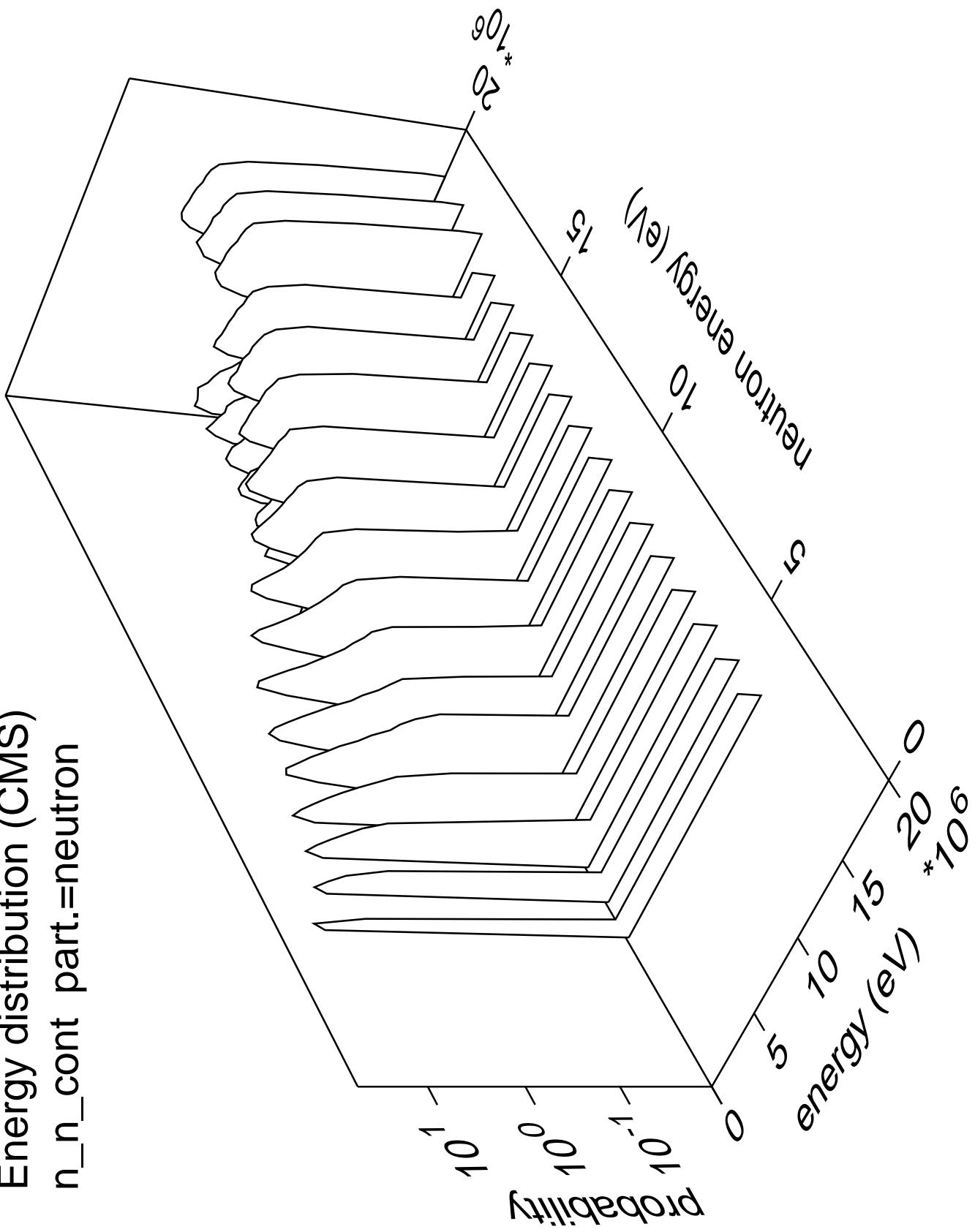
Energy distribution (CMS)
 n_{np} part.=proton



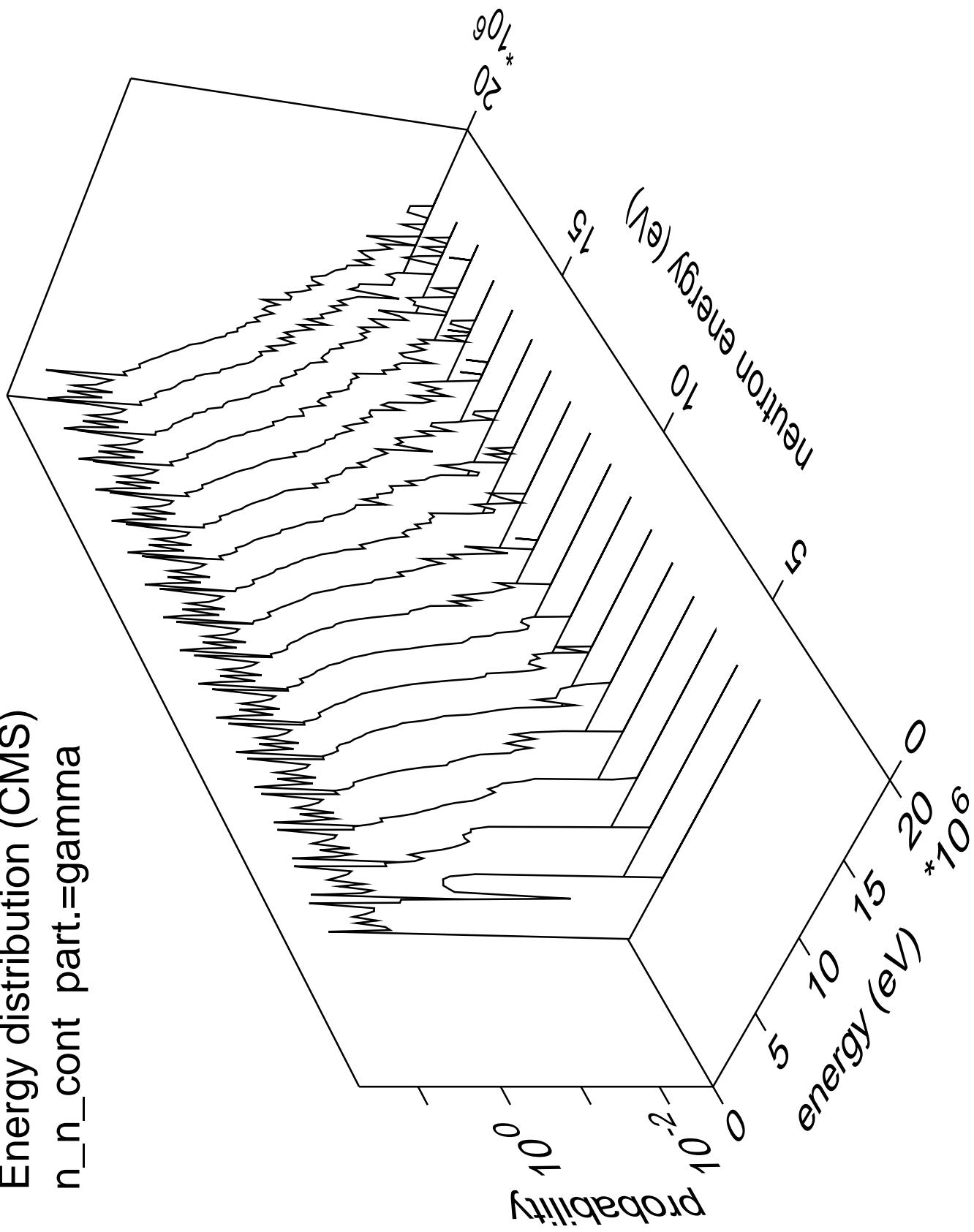
Energy distribution (CMS)
 n_{np} part.=gamma



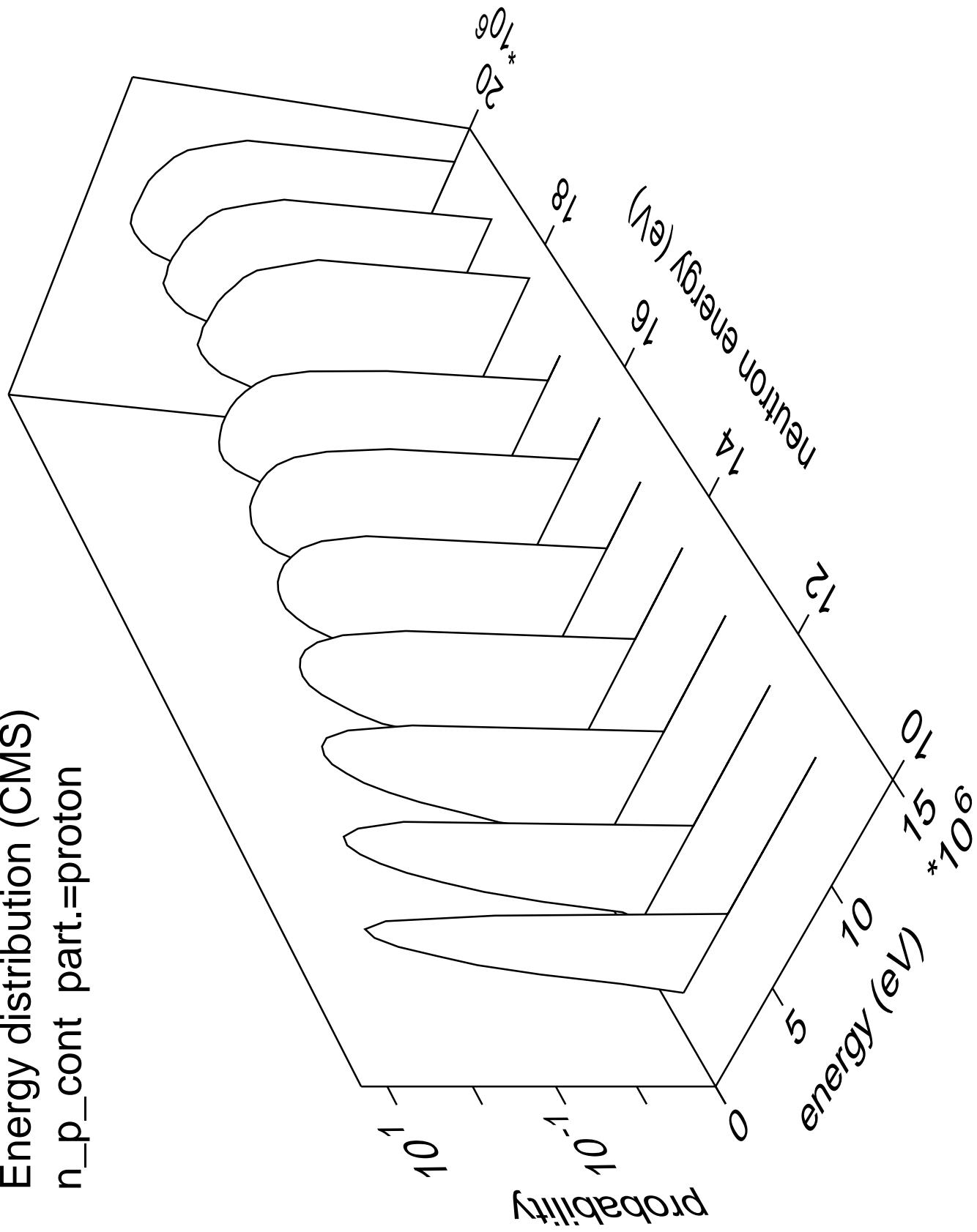
Energy distribution (CMS)
 n_n_{cont} part.=neutron

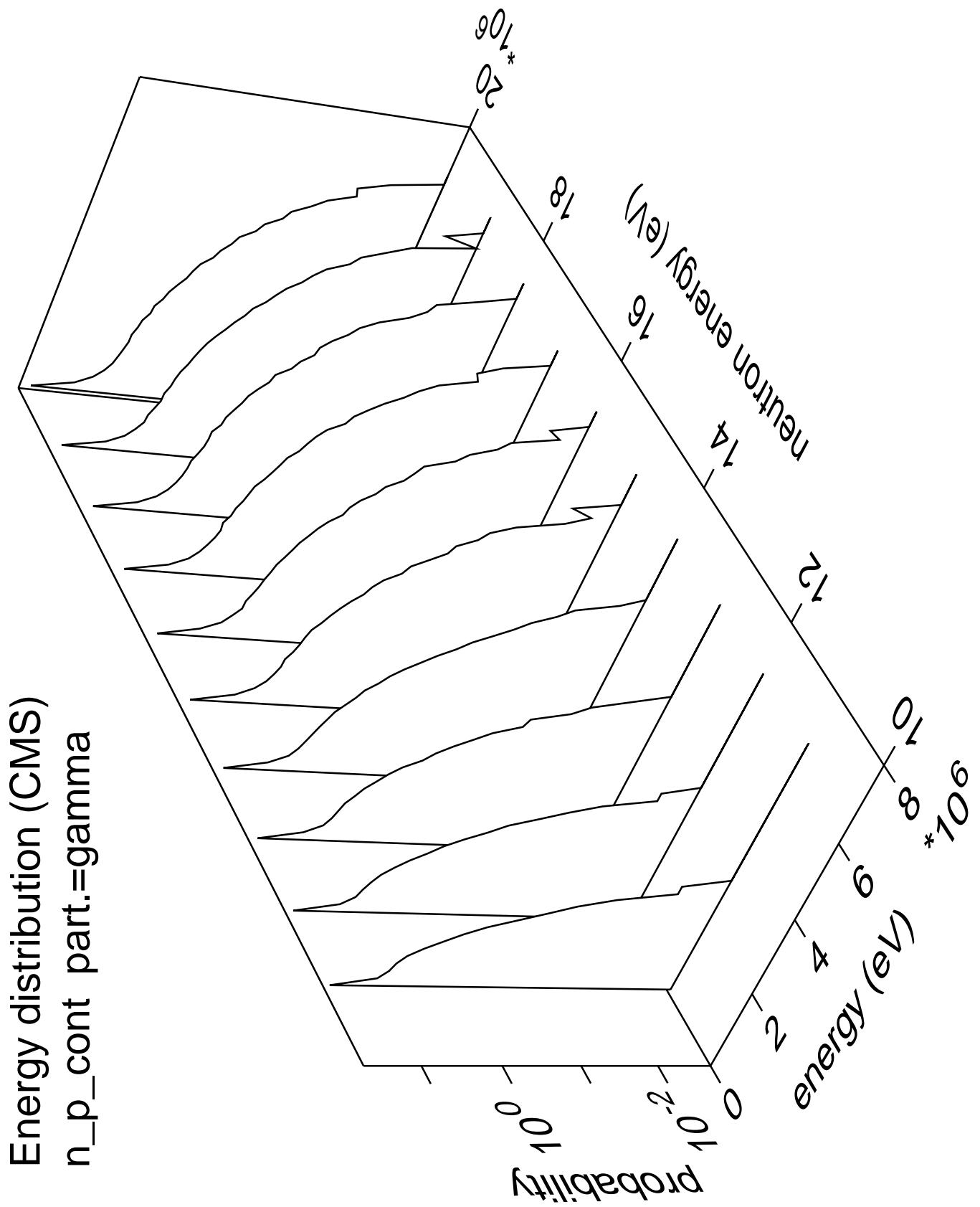


Energy distribution (CMS)
n_n_cont part.=gamma

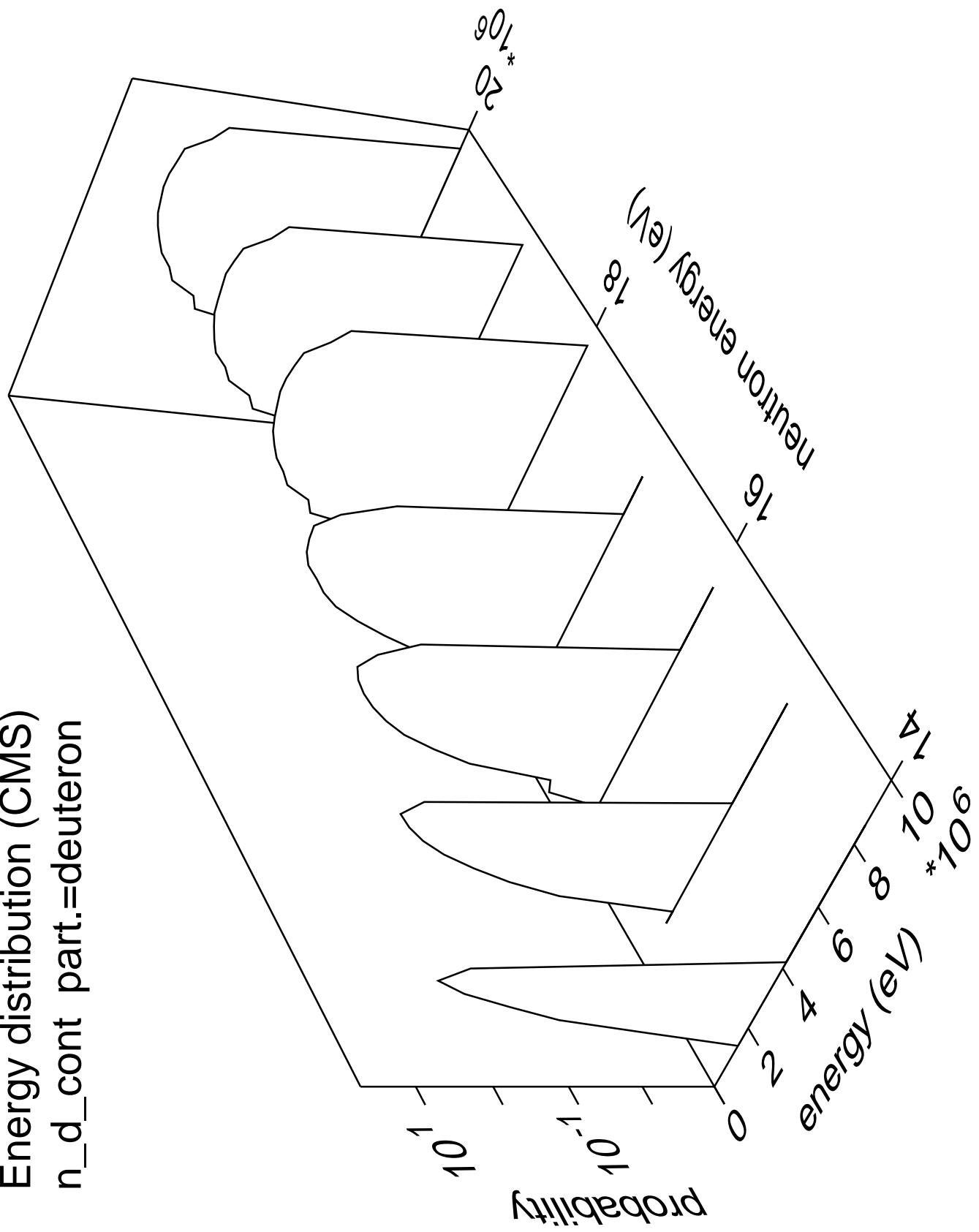


Energy distribution (CMS)
 $n_p_{\text{cont}} \text{ part.} = \text{proton}$

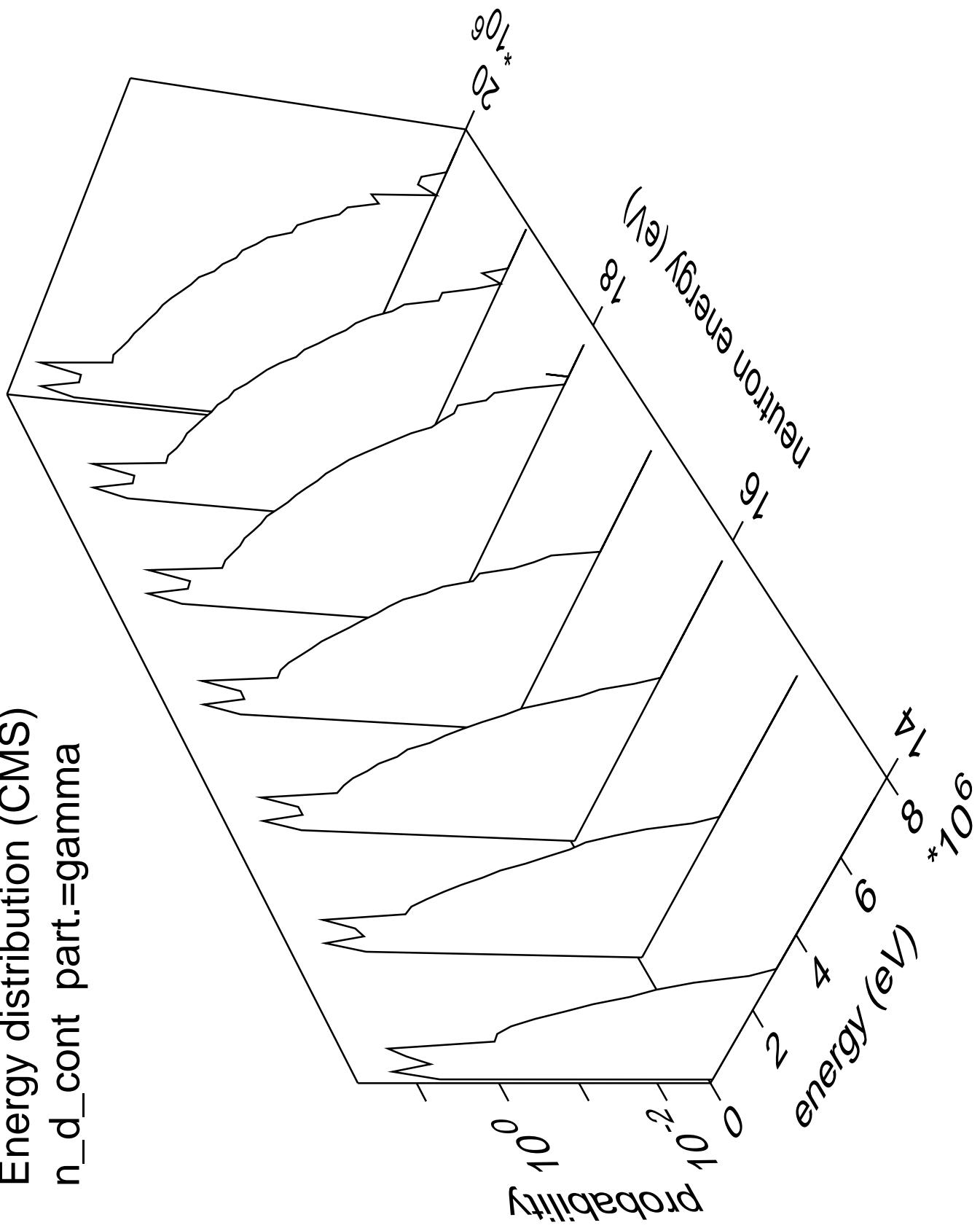




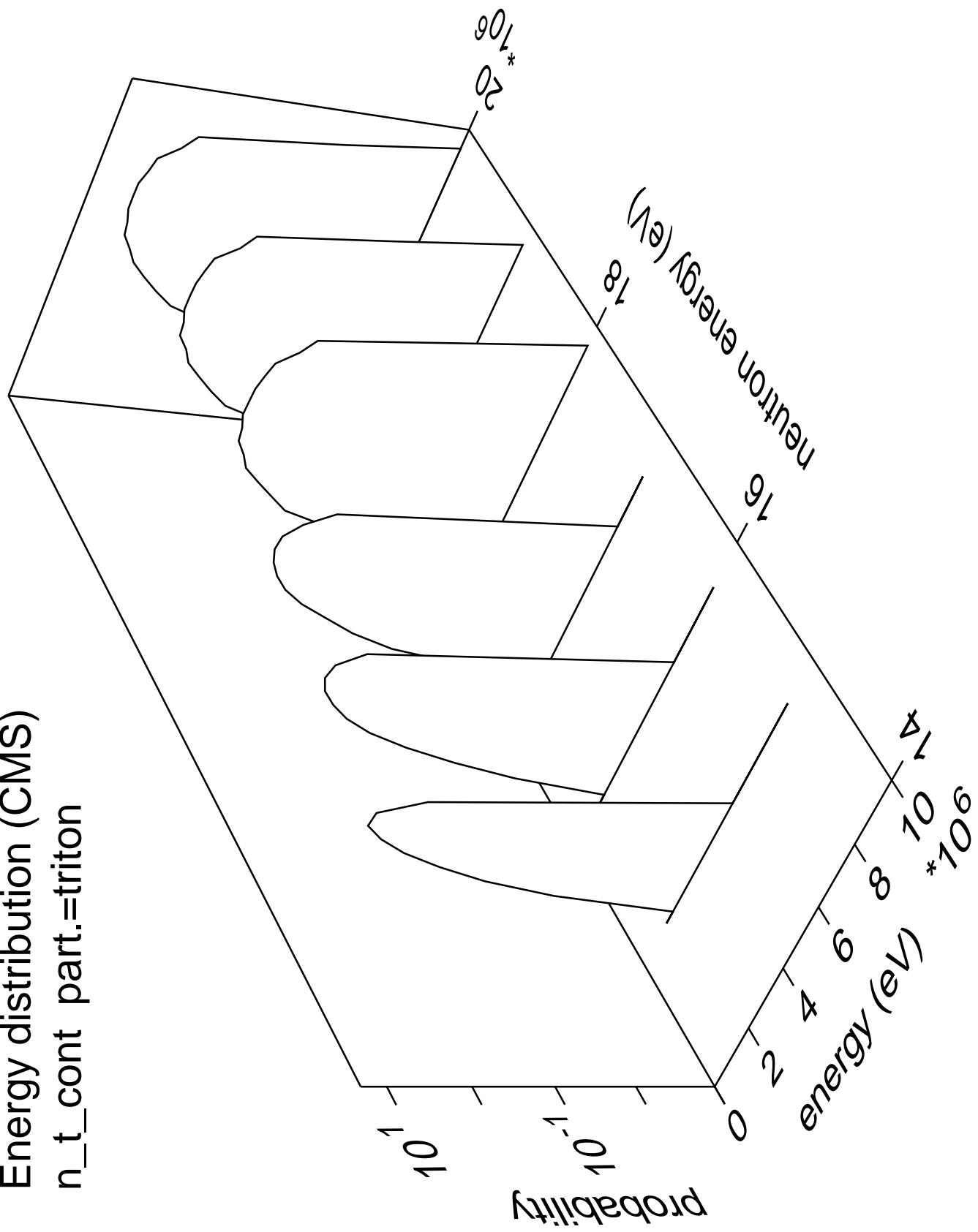
Energy distribution (CMS)
 n_d cont part.=deuteron



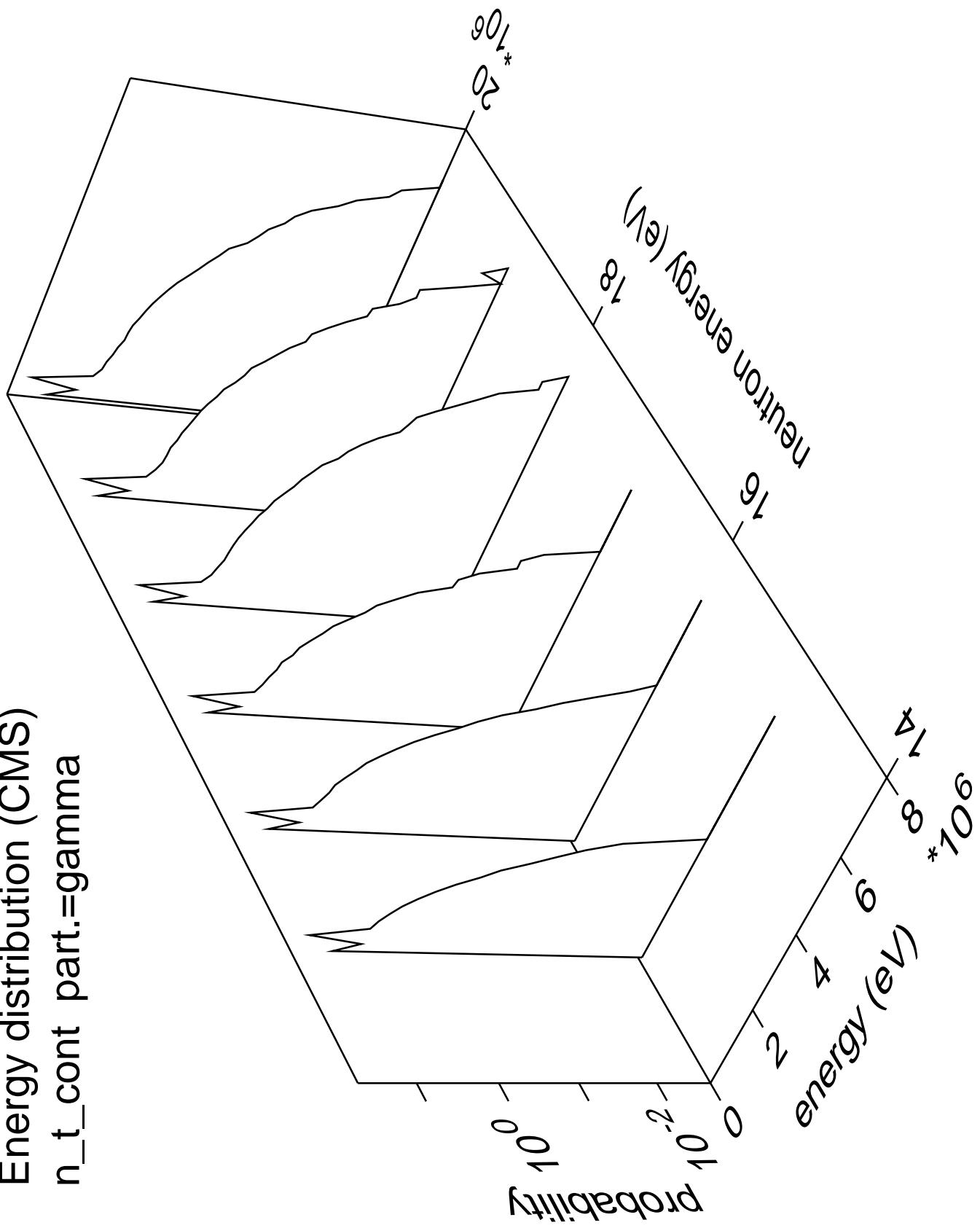
Energy distribution (CMS)
n_d_cont part.=gamma



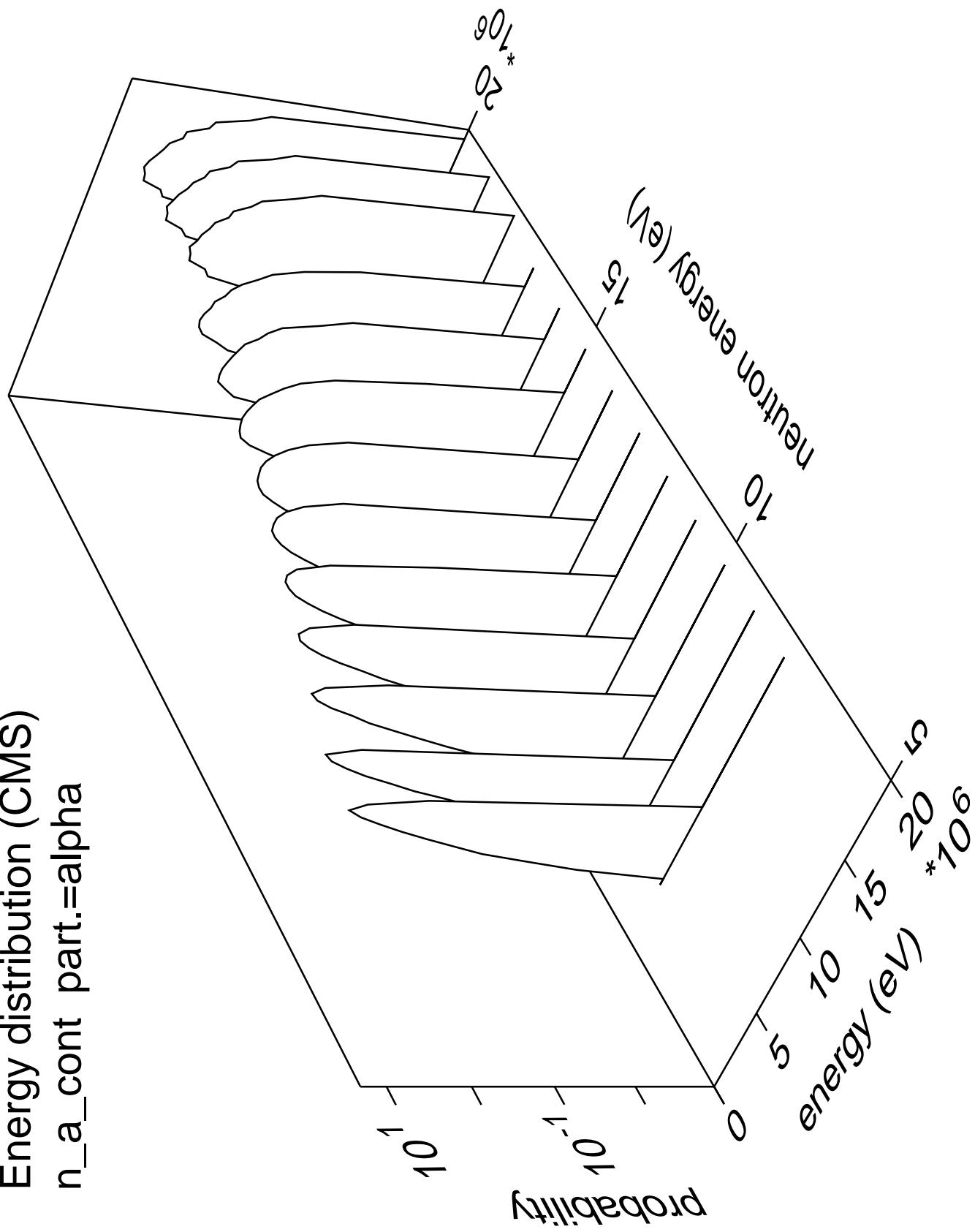
Energy distribution (CMS)
 n_t cont part.=triton

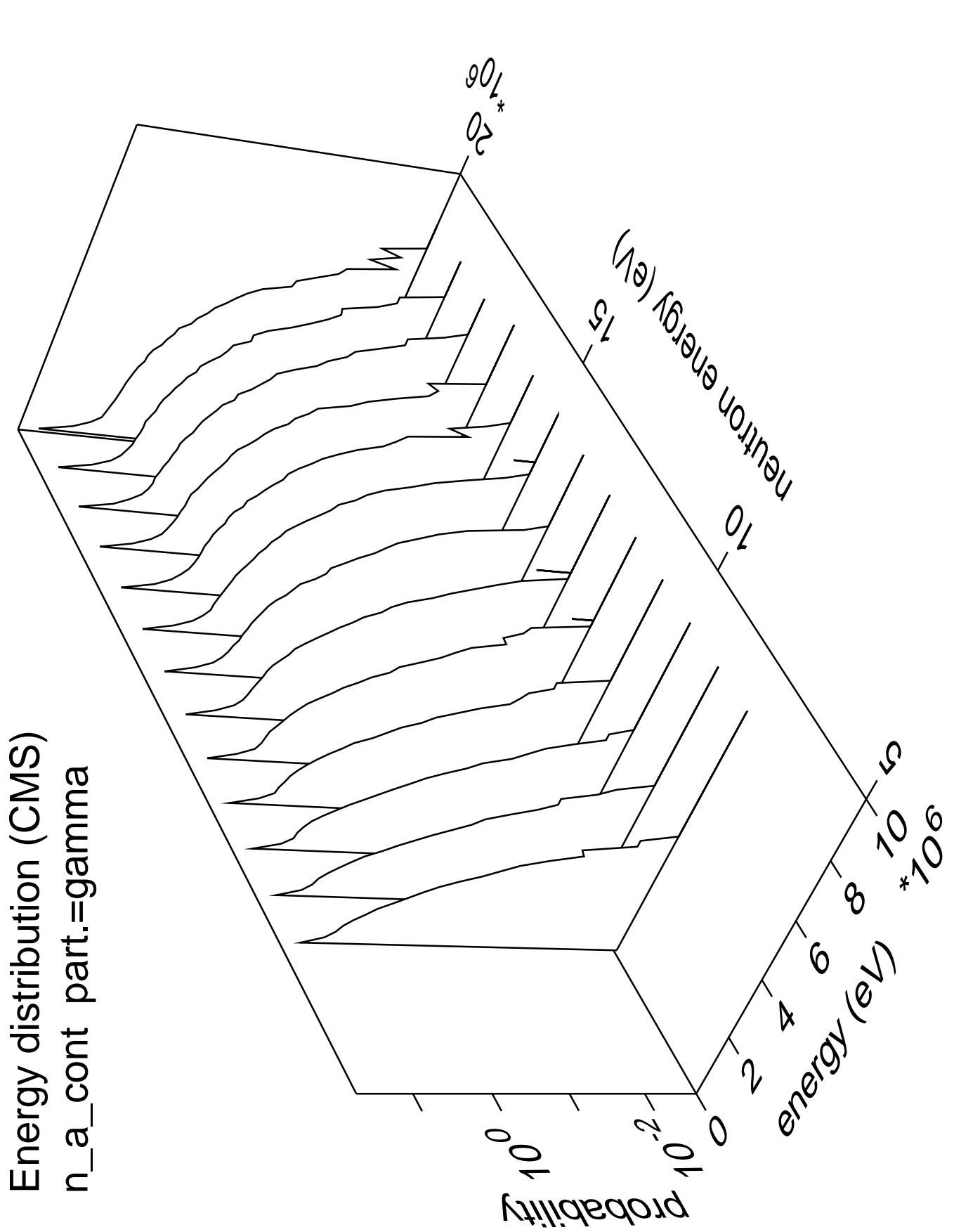


Energy distribution (CMS)
 n_t cont part.=gamma

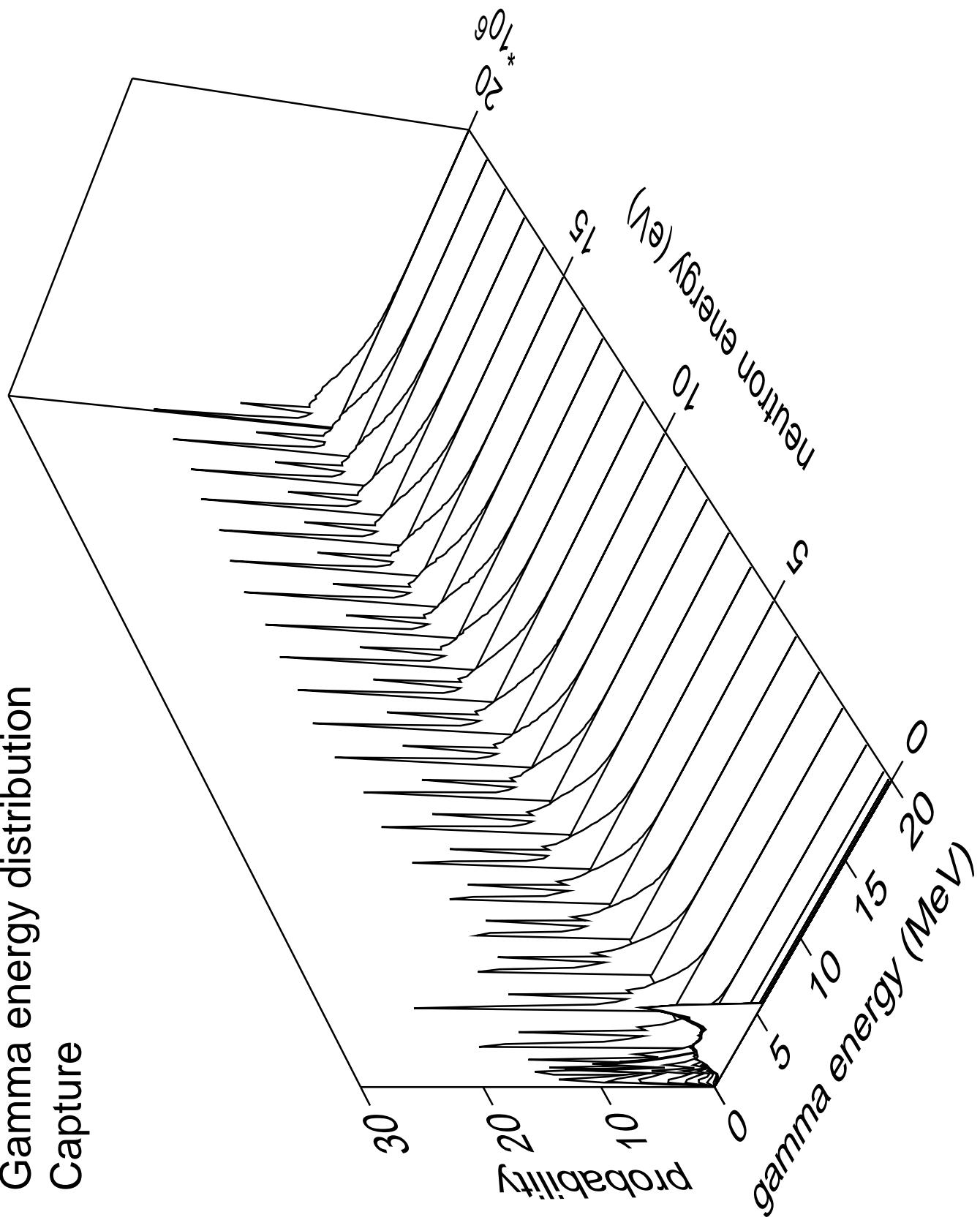


Energy distribution (CMS)
n_a_cont part.=alpha

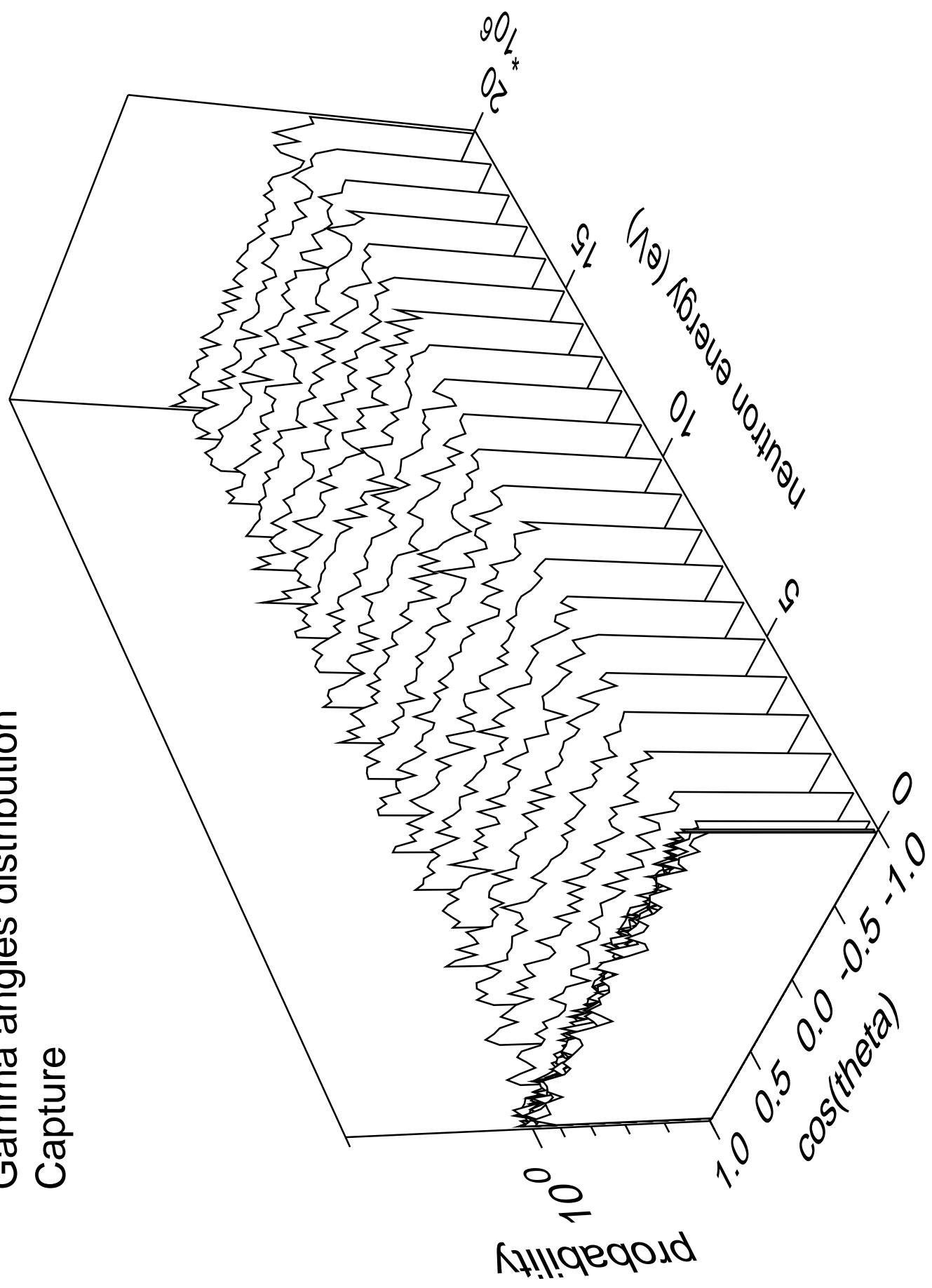




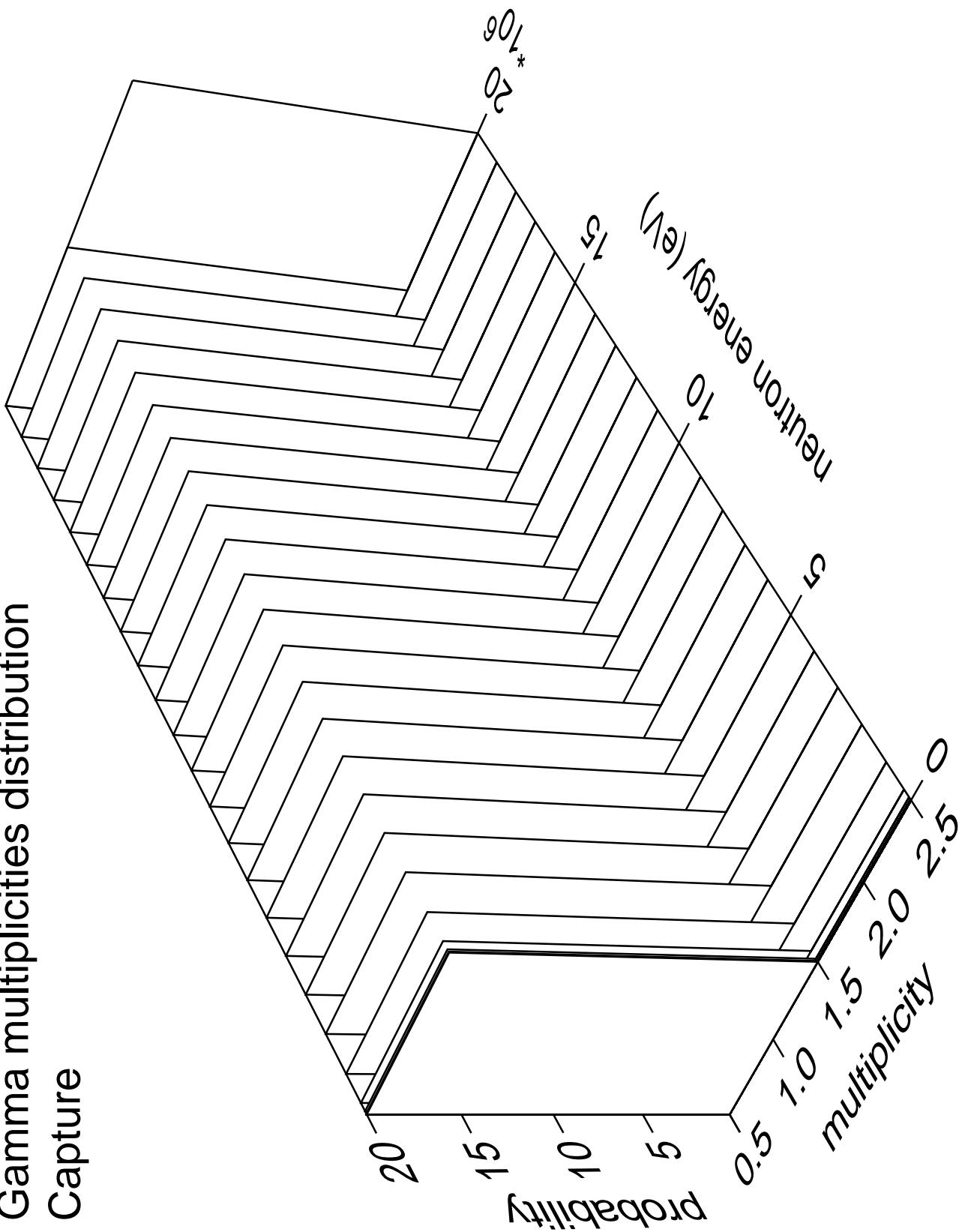
Gamma energy distribution Capture

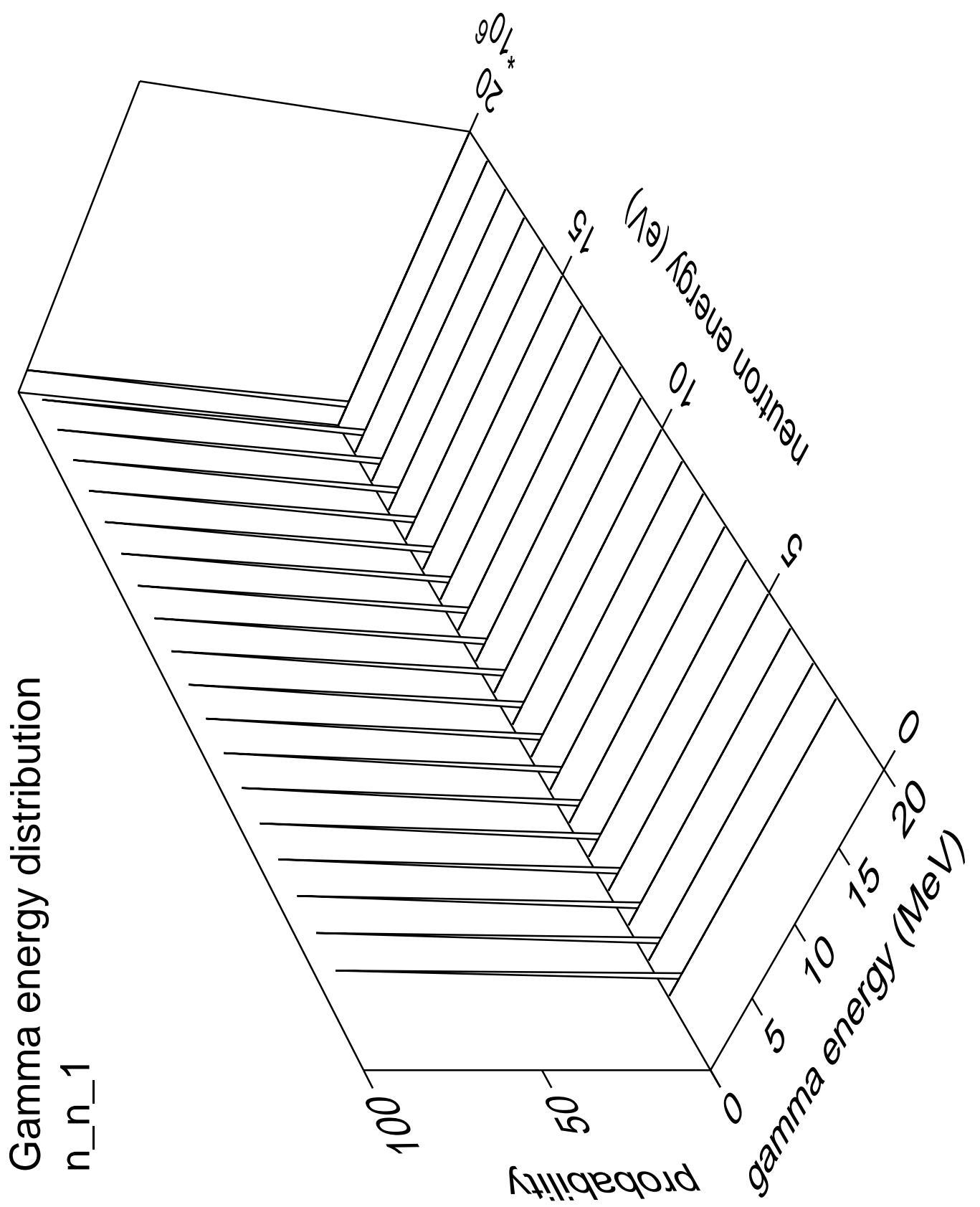


Gamma angles distribution Capture



Gamma multiplicities distribution Capture





Gamma angles distribution

n_{n_1}

Probability

10^0

10^{-1}

10^{-2}

10^{-3}

10^{-4}

10^{-5}

10^{-6}

10^{-7}

10^{-8}

10^{-9}

10^{-10}

10^{-11}

10^{-12}

10^{-13}

10^{-14}

10^{-15}

10^{-16}

10^{-17}

10^{-18}

10^{-19}

10^{-20}

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}

10^{-251}

10^{-252}

10^{-253}

10^{-254}

10^{-255}

10^{-256}

10^{-257}

10^{-258}

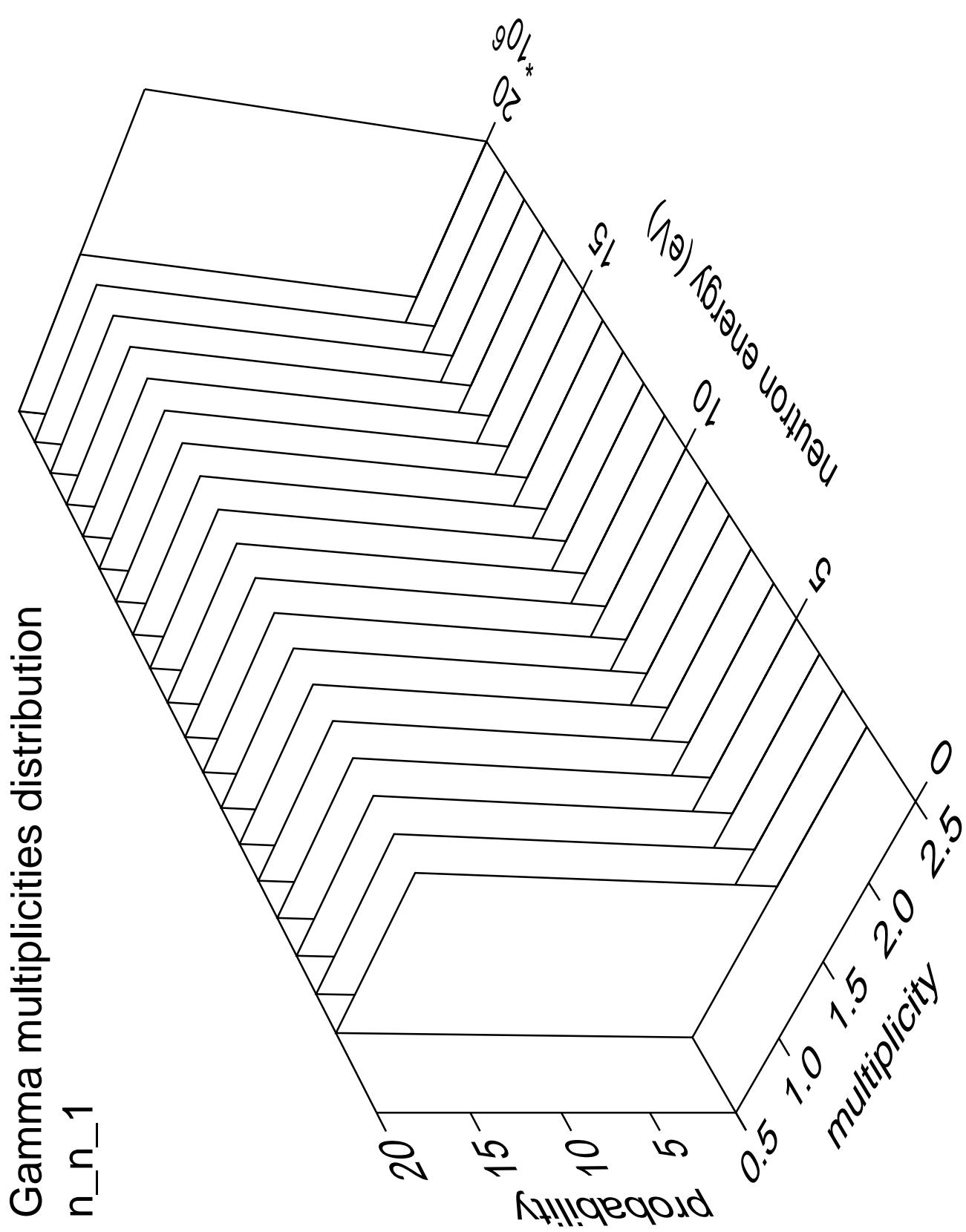
10^{-259}

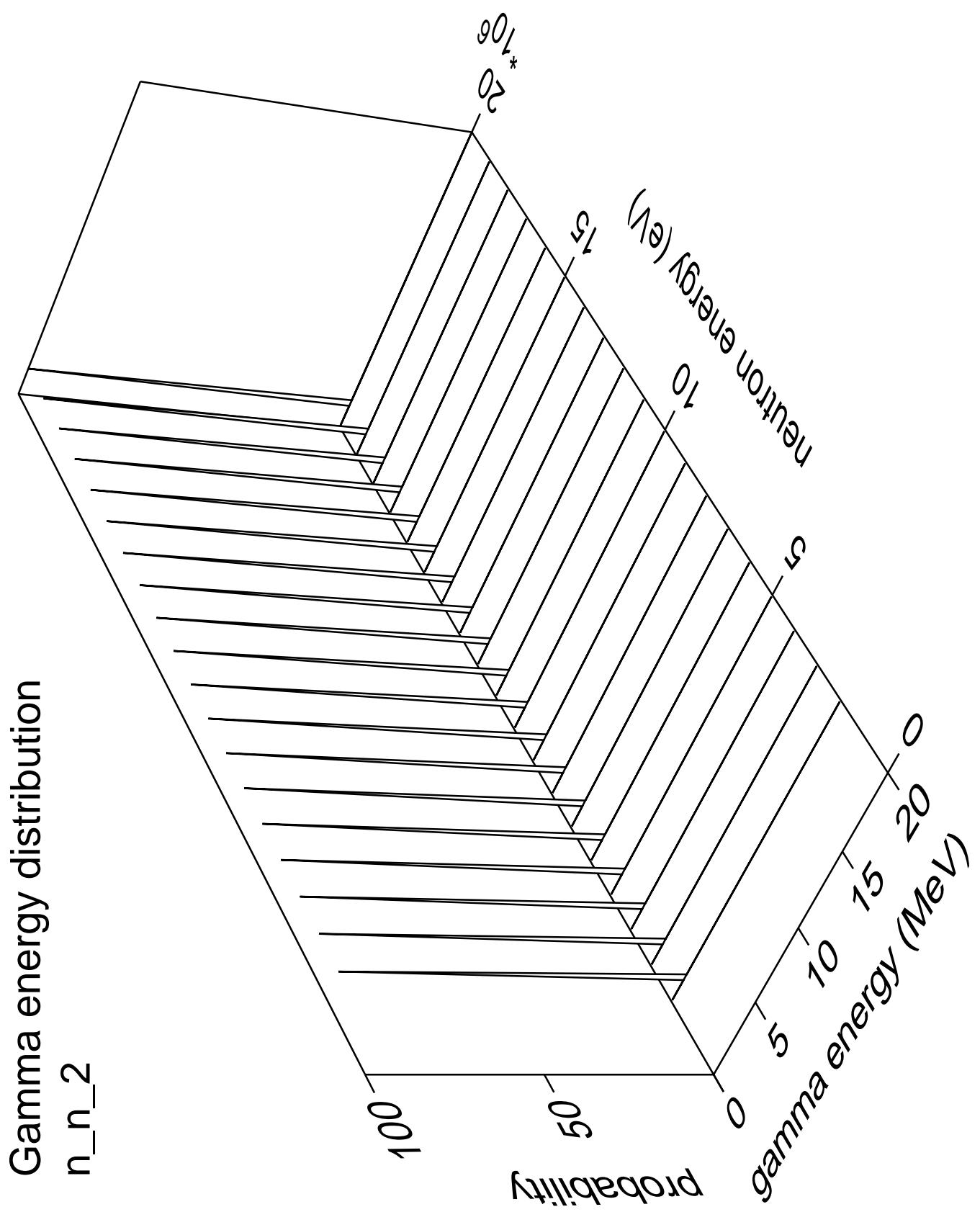
10^{-260}

10^{-261}

10^{-262}

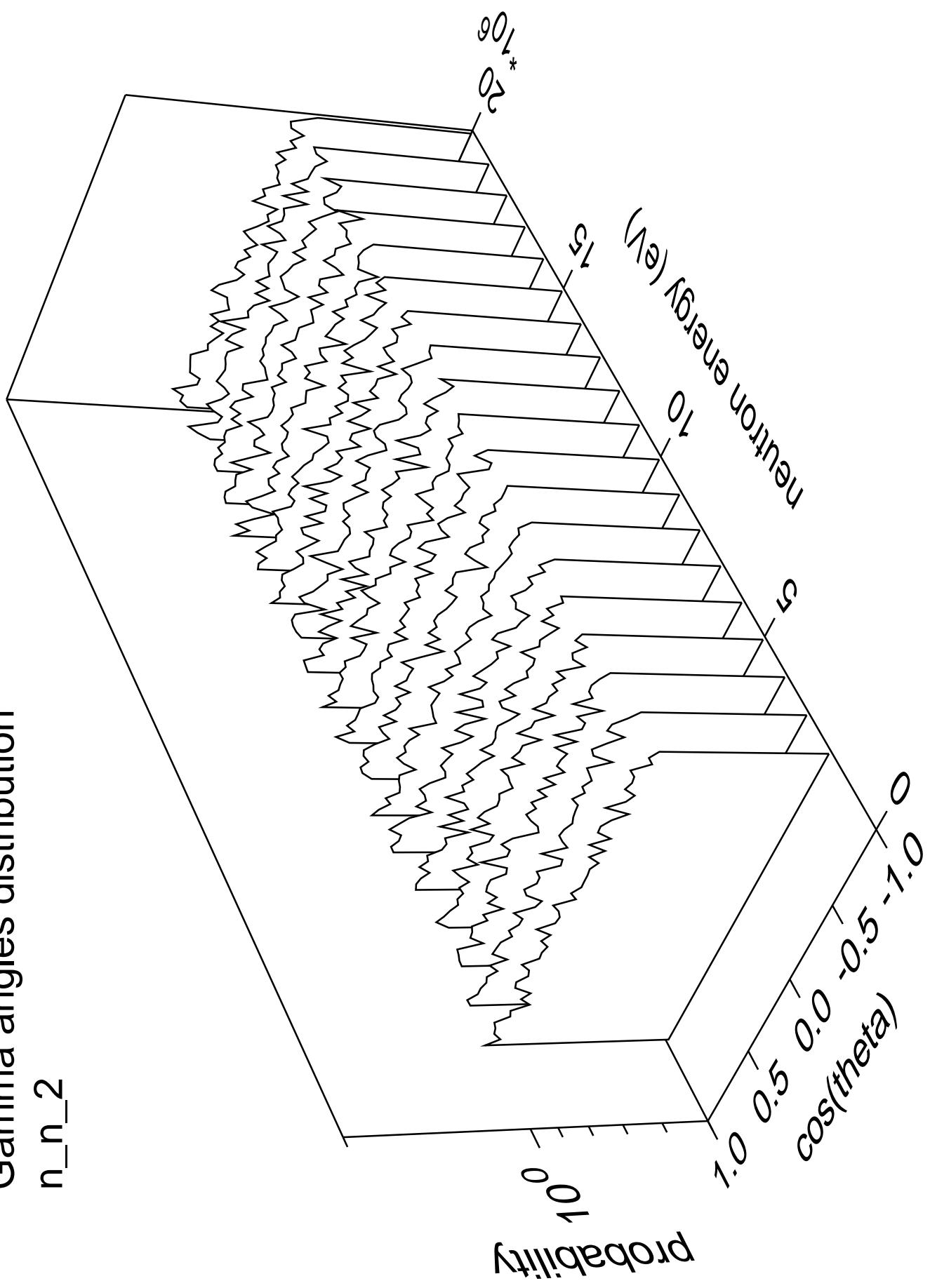
10^{-263}

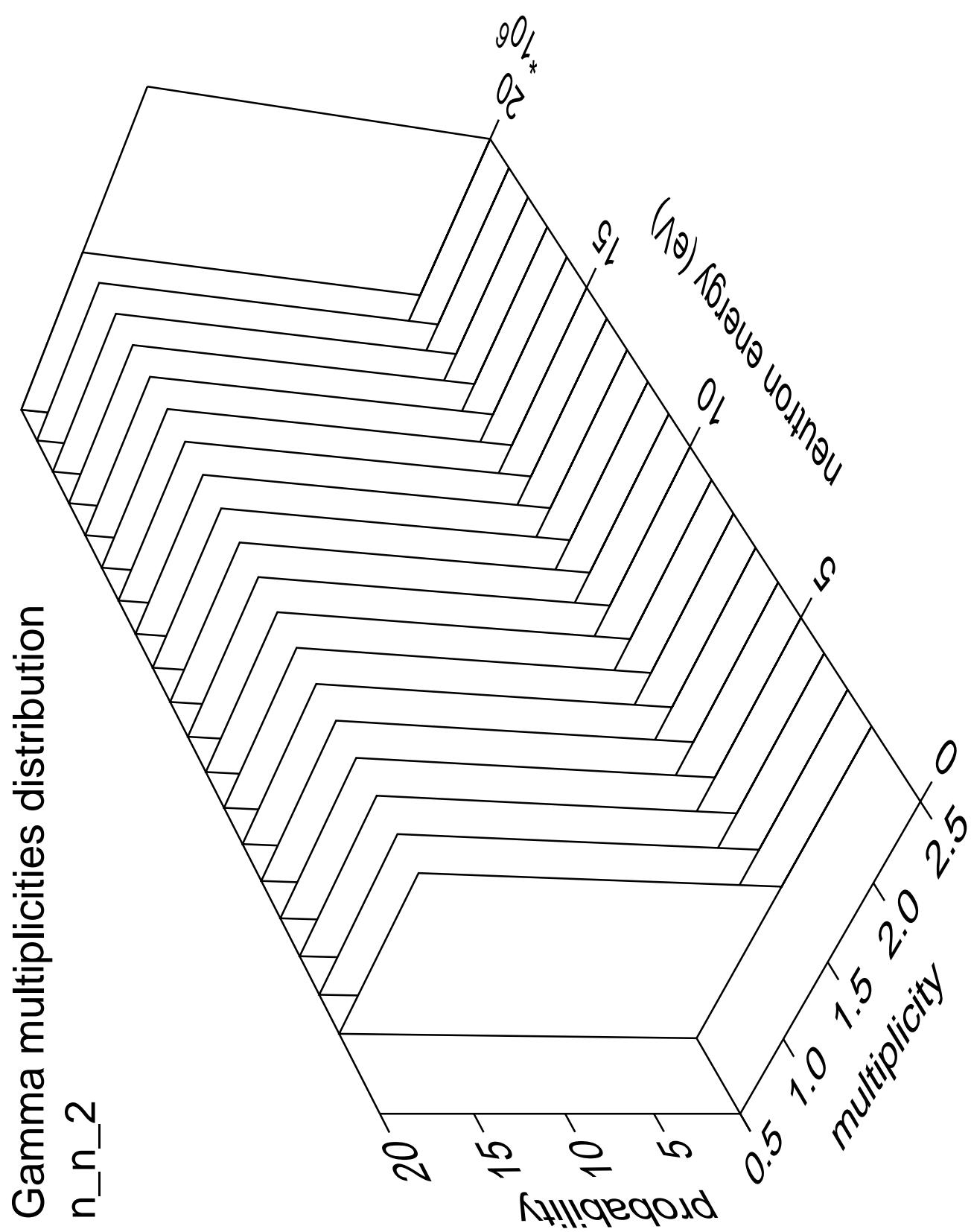


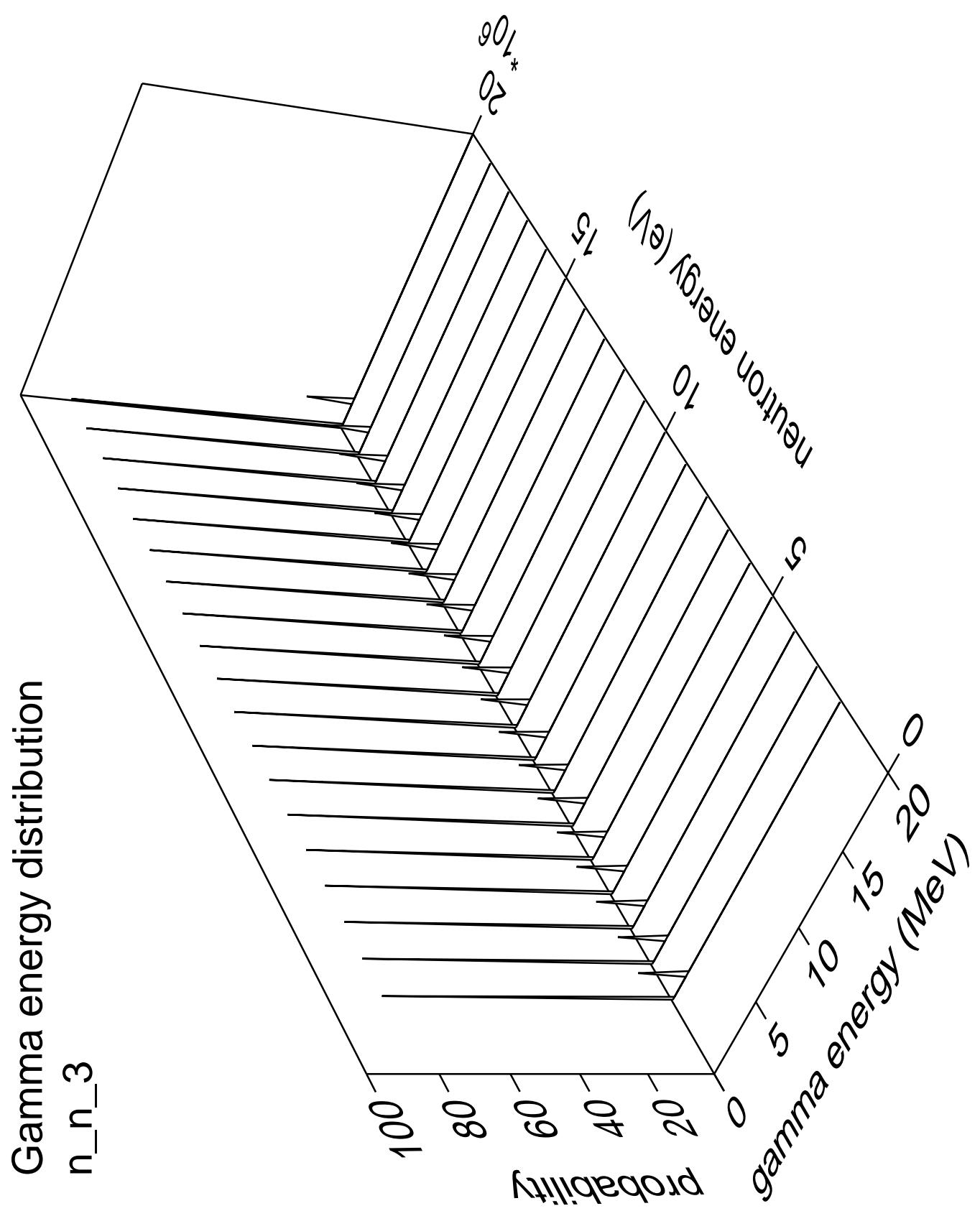


Gamma angles distribution

n_n_2

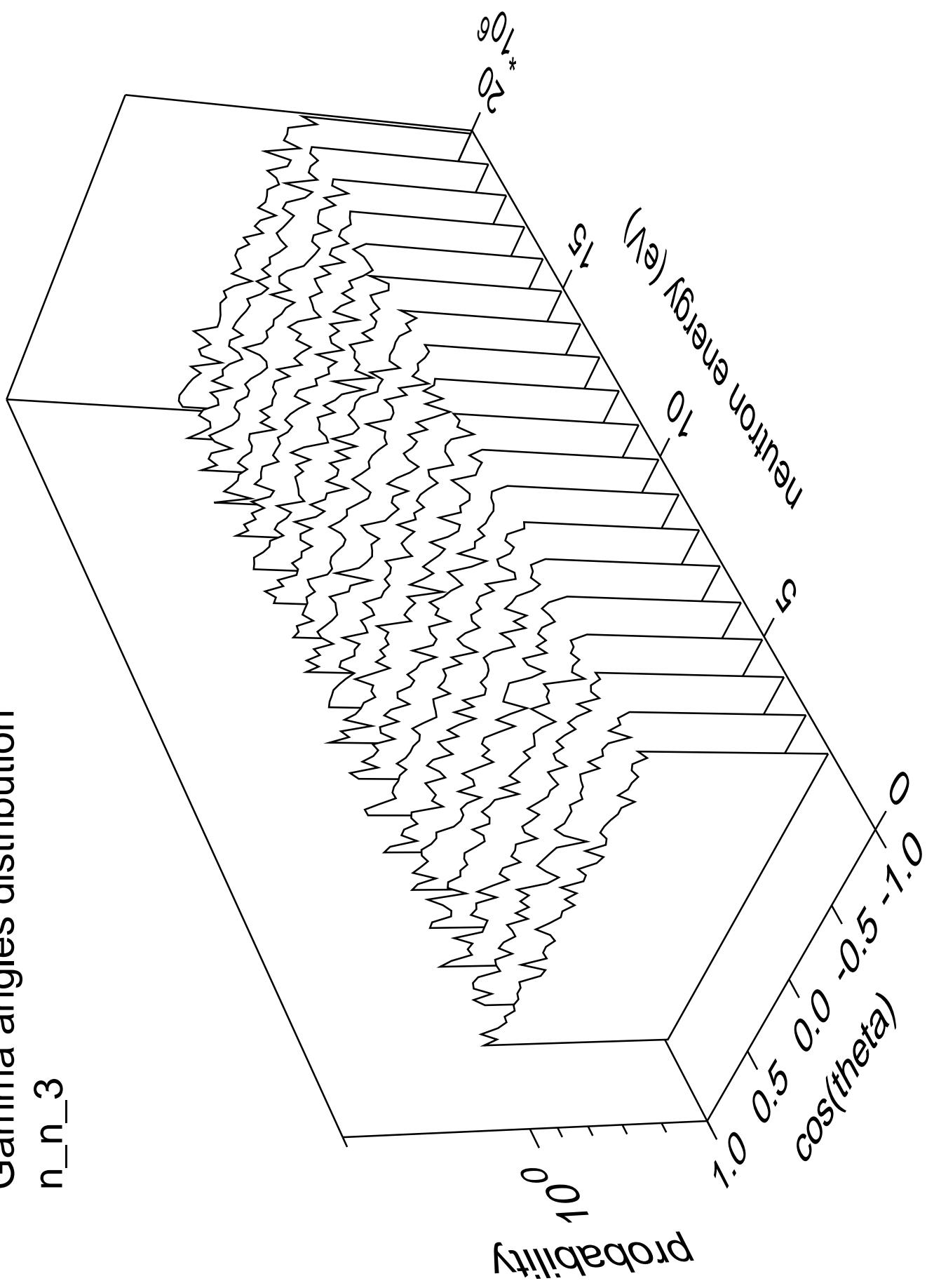




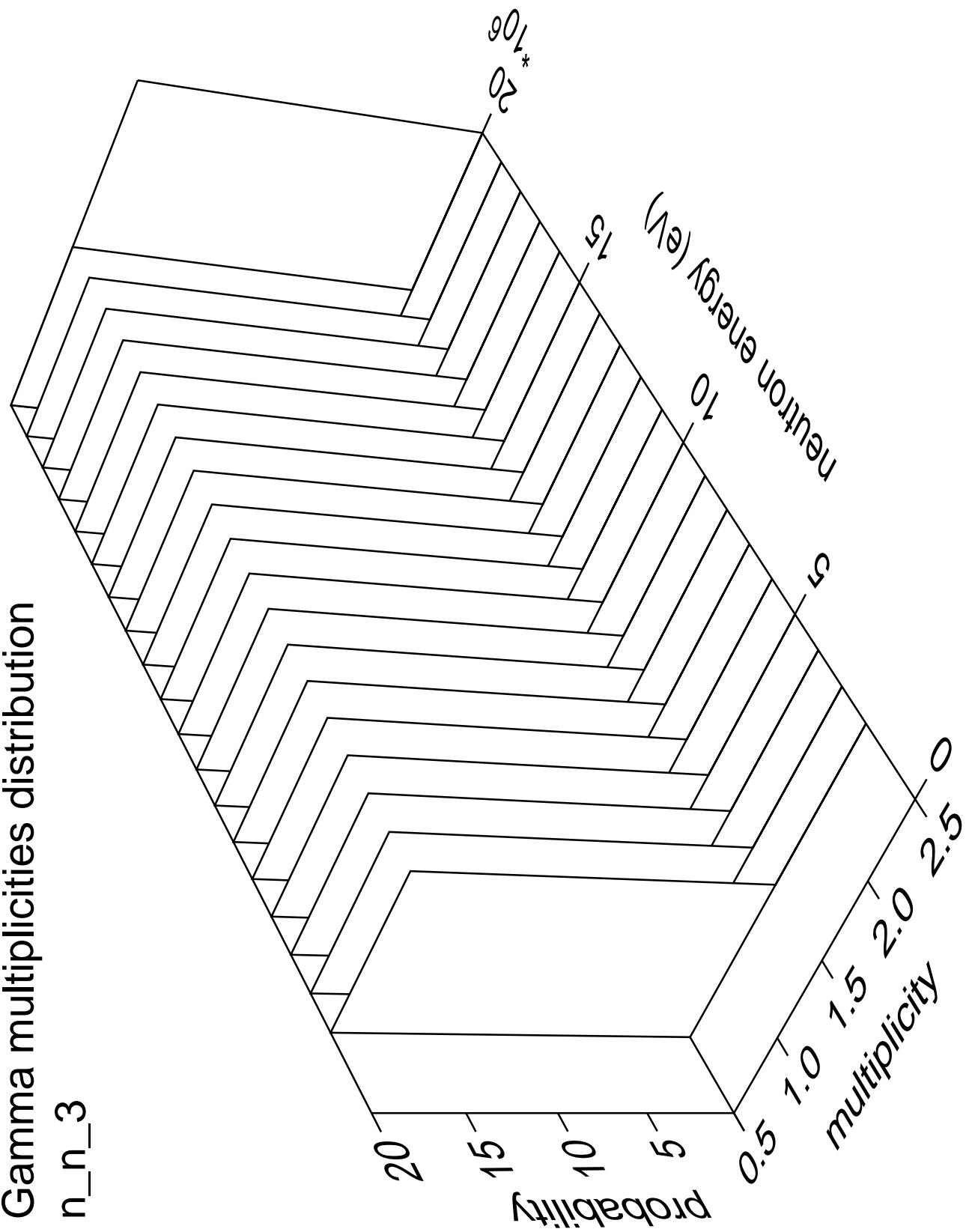


Gamma angles distribution

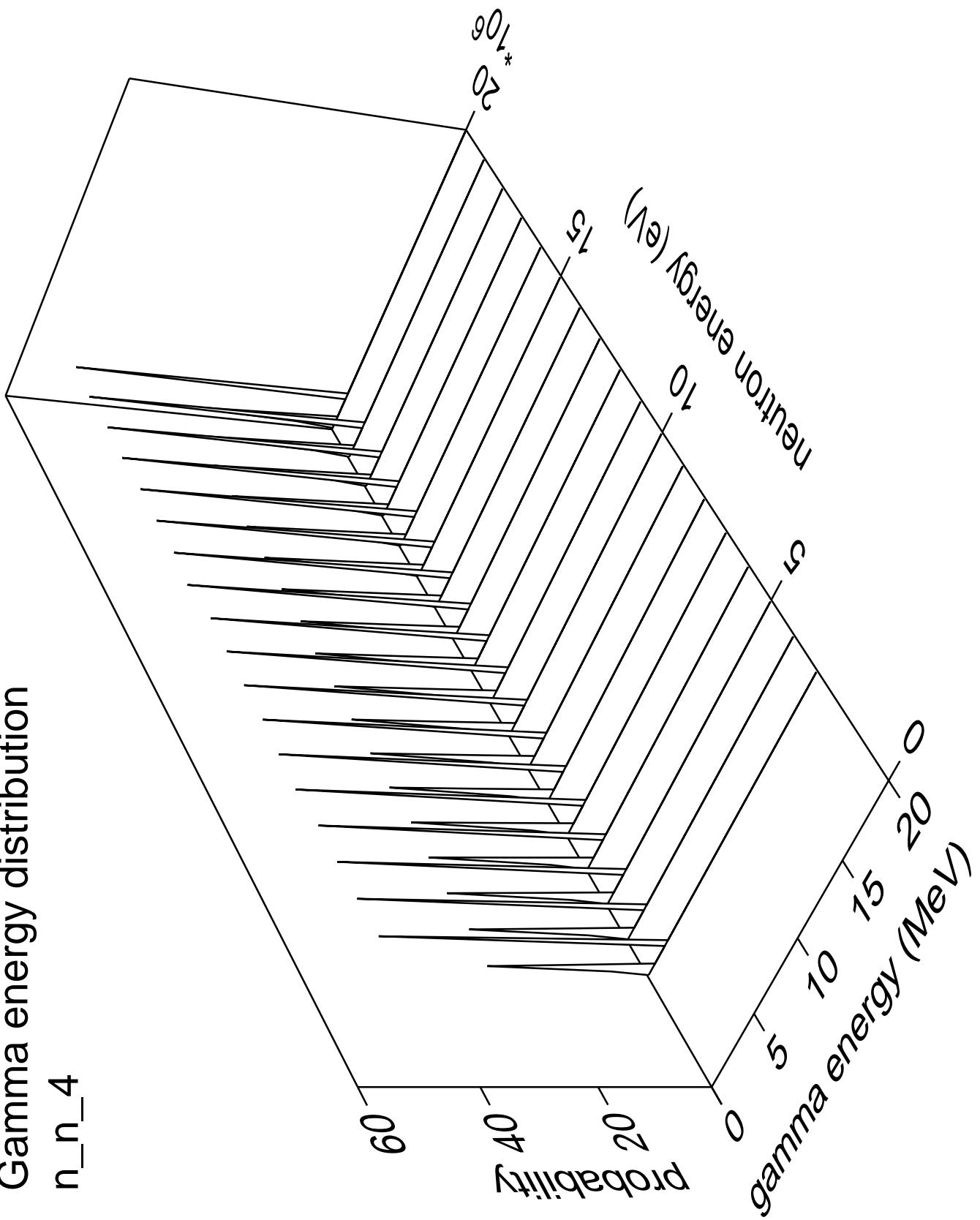
n_n_3



Gamma multiplicities distribution

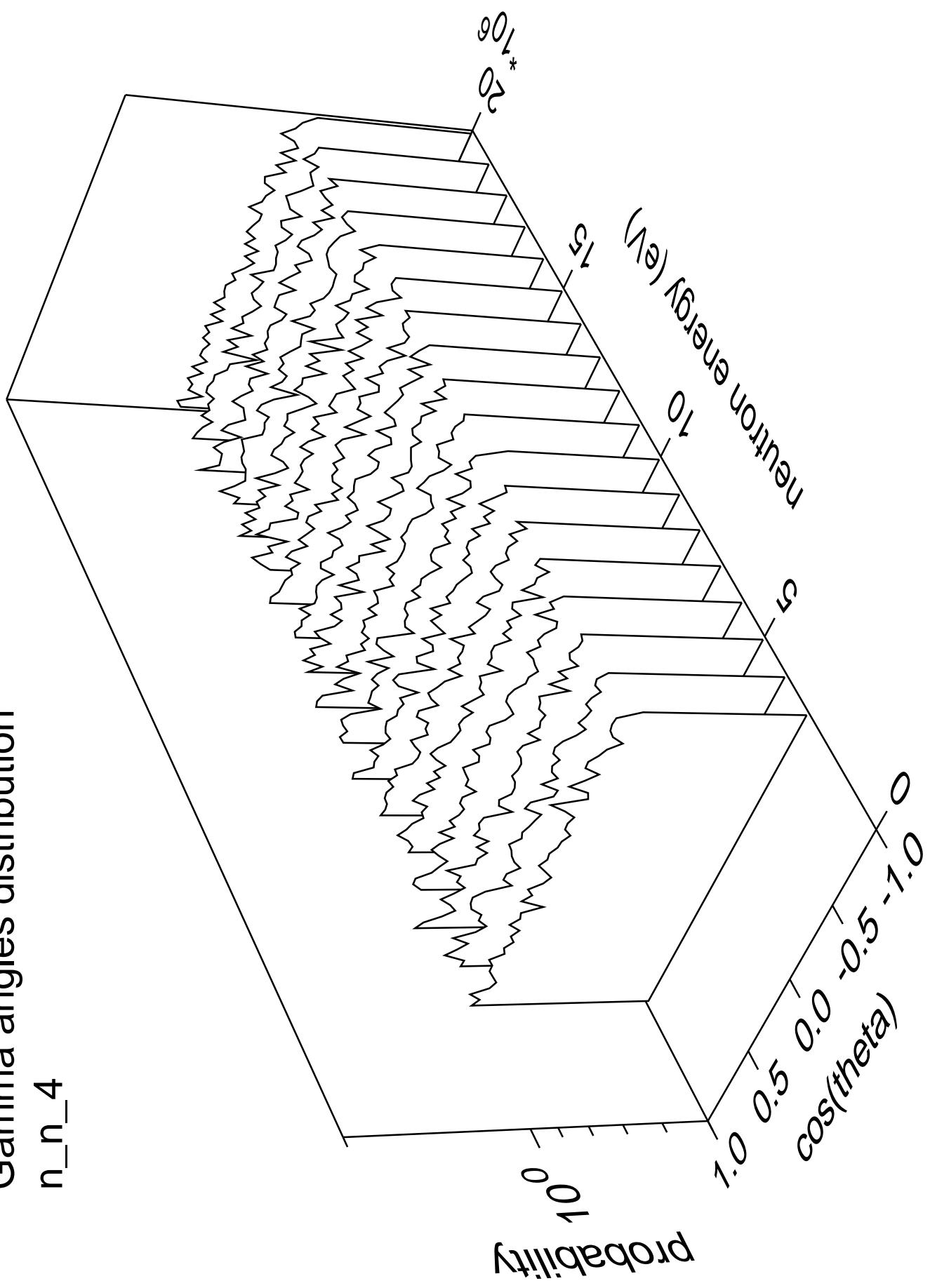


Gamma energy distribution n_n_4

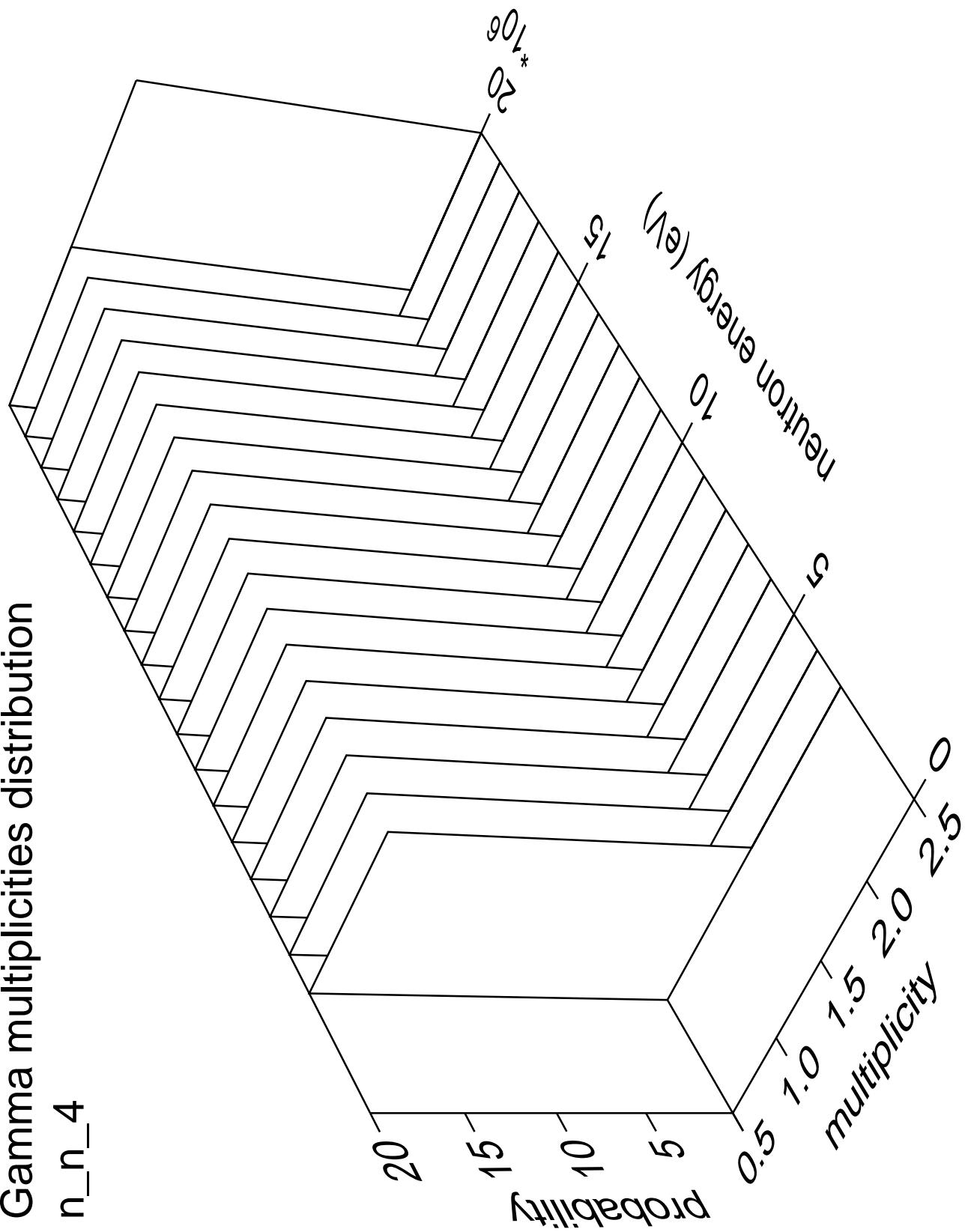


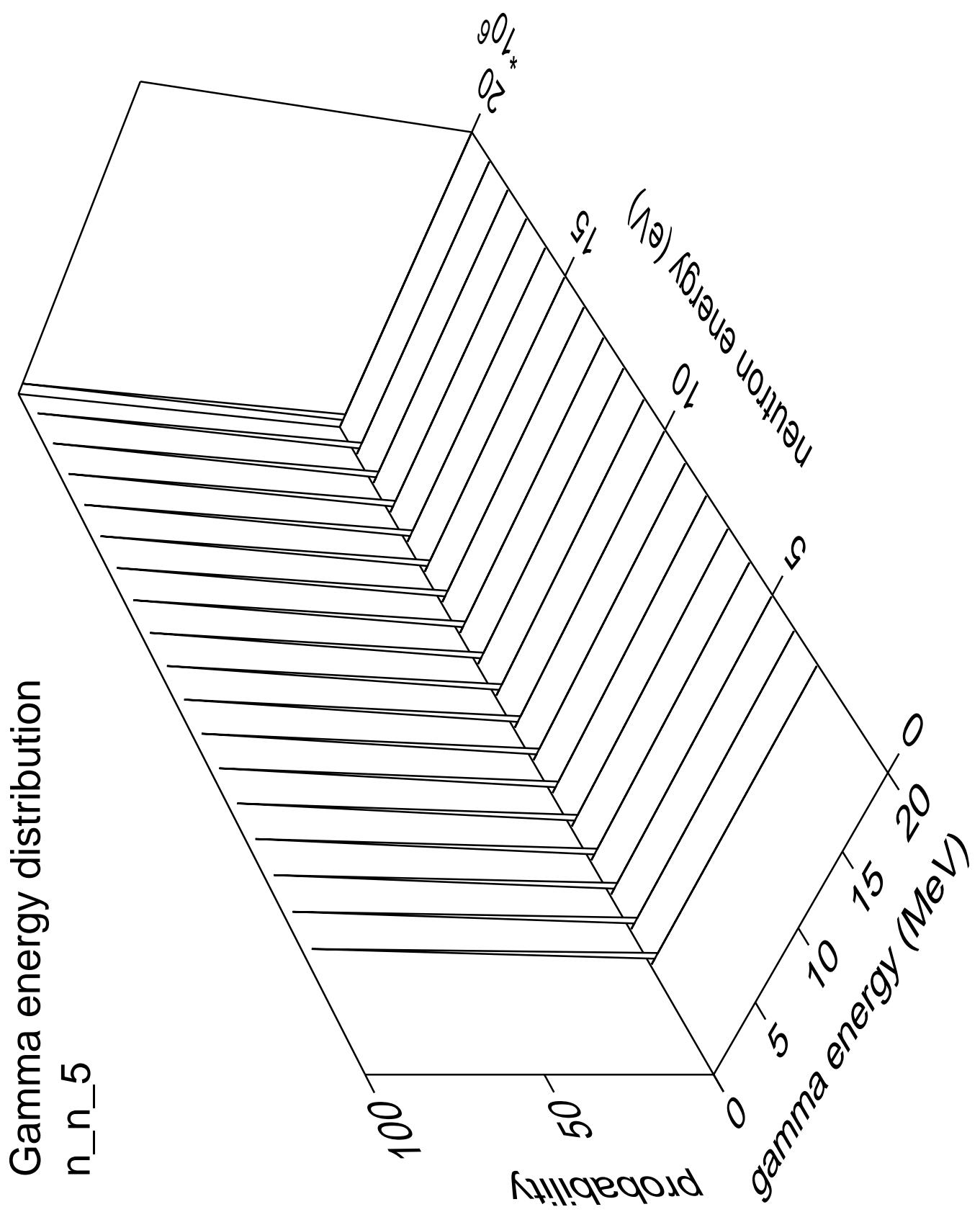
Gamma angles distribution

n_n_4



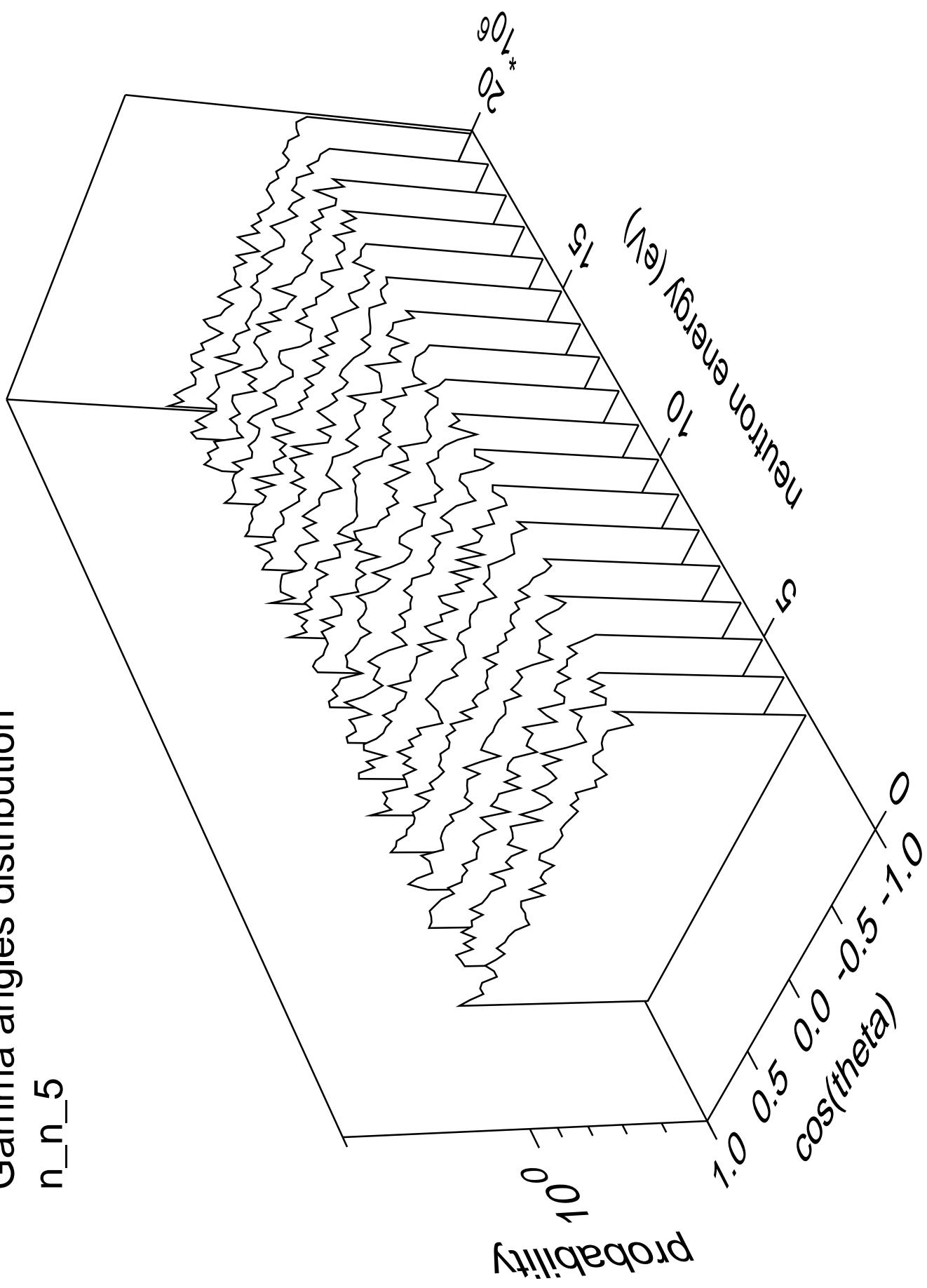
Gamma multiplicities distribution



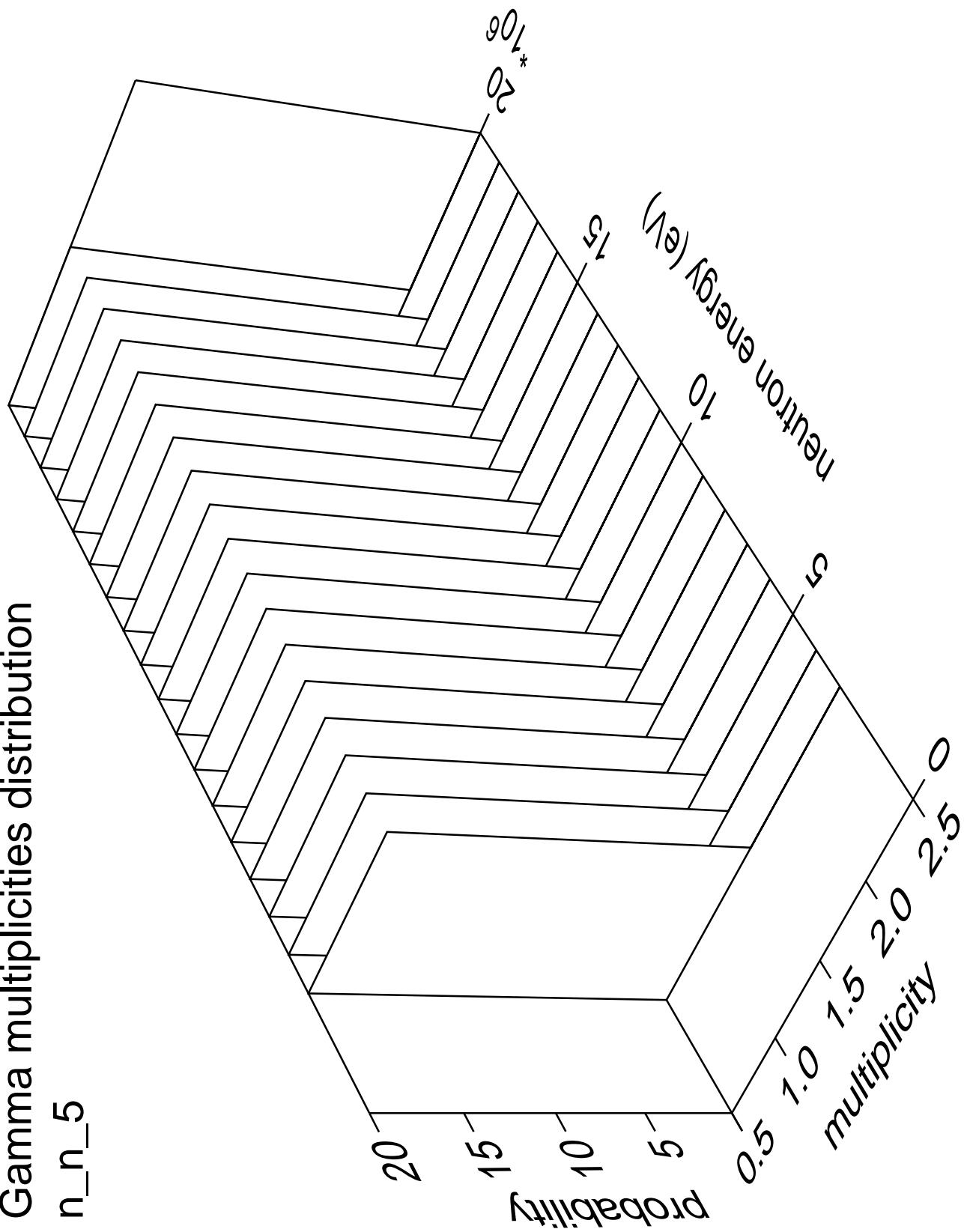


Gamma angles distribution

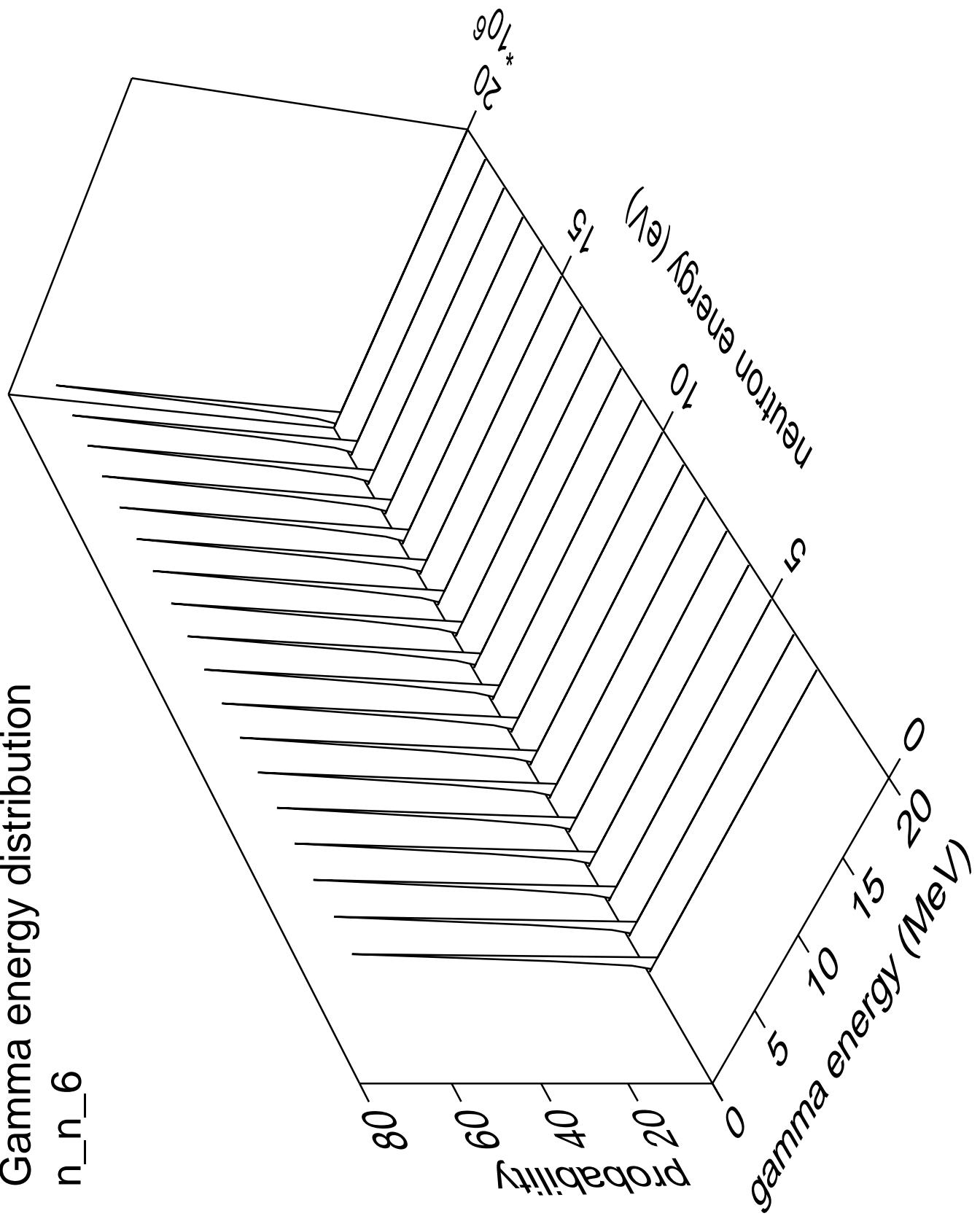
n_n_5



Gamma multiplicities distribution

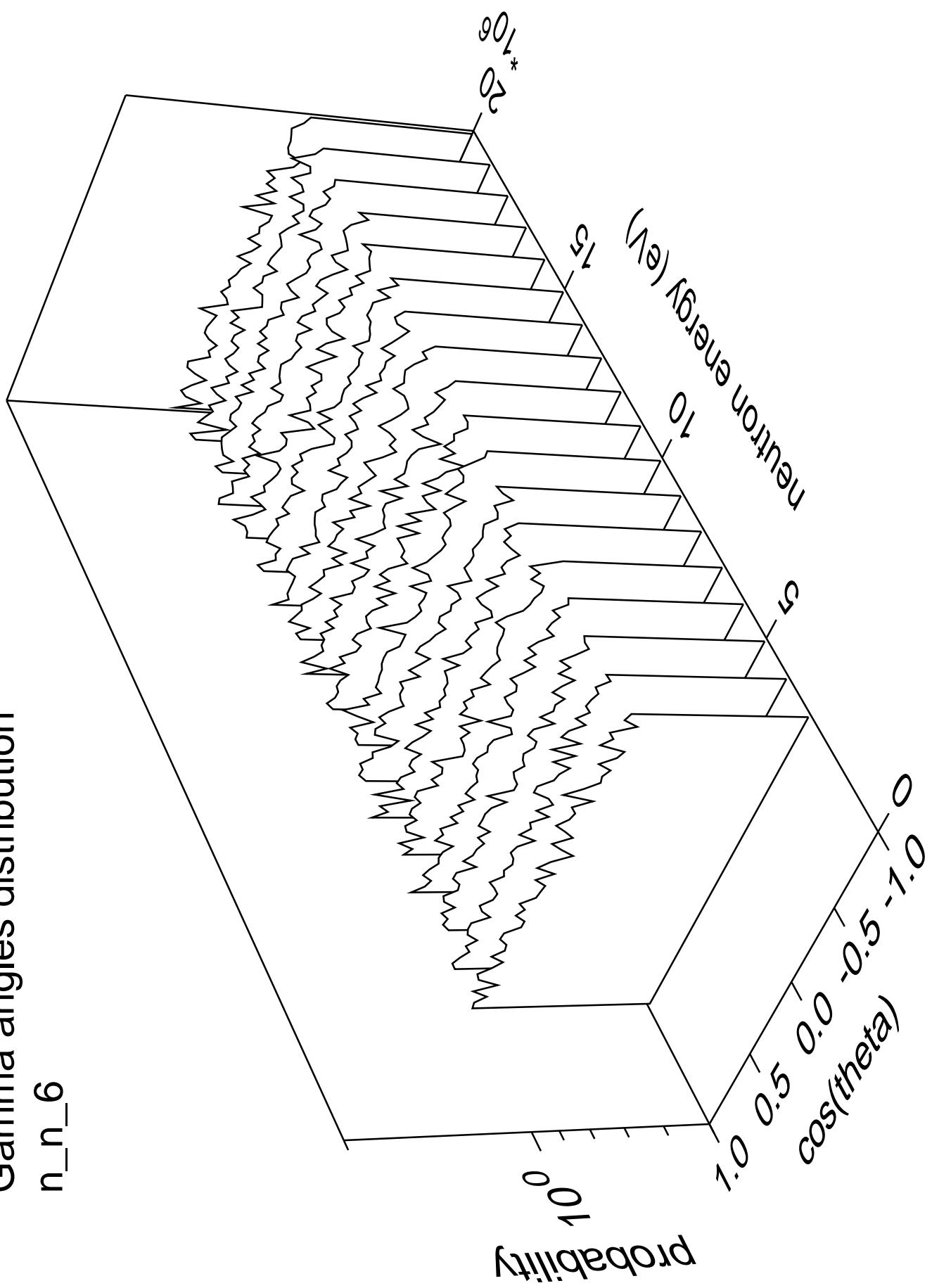


n_n_6

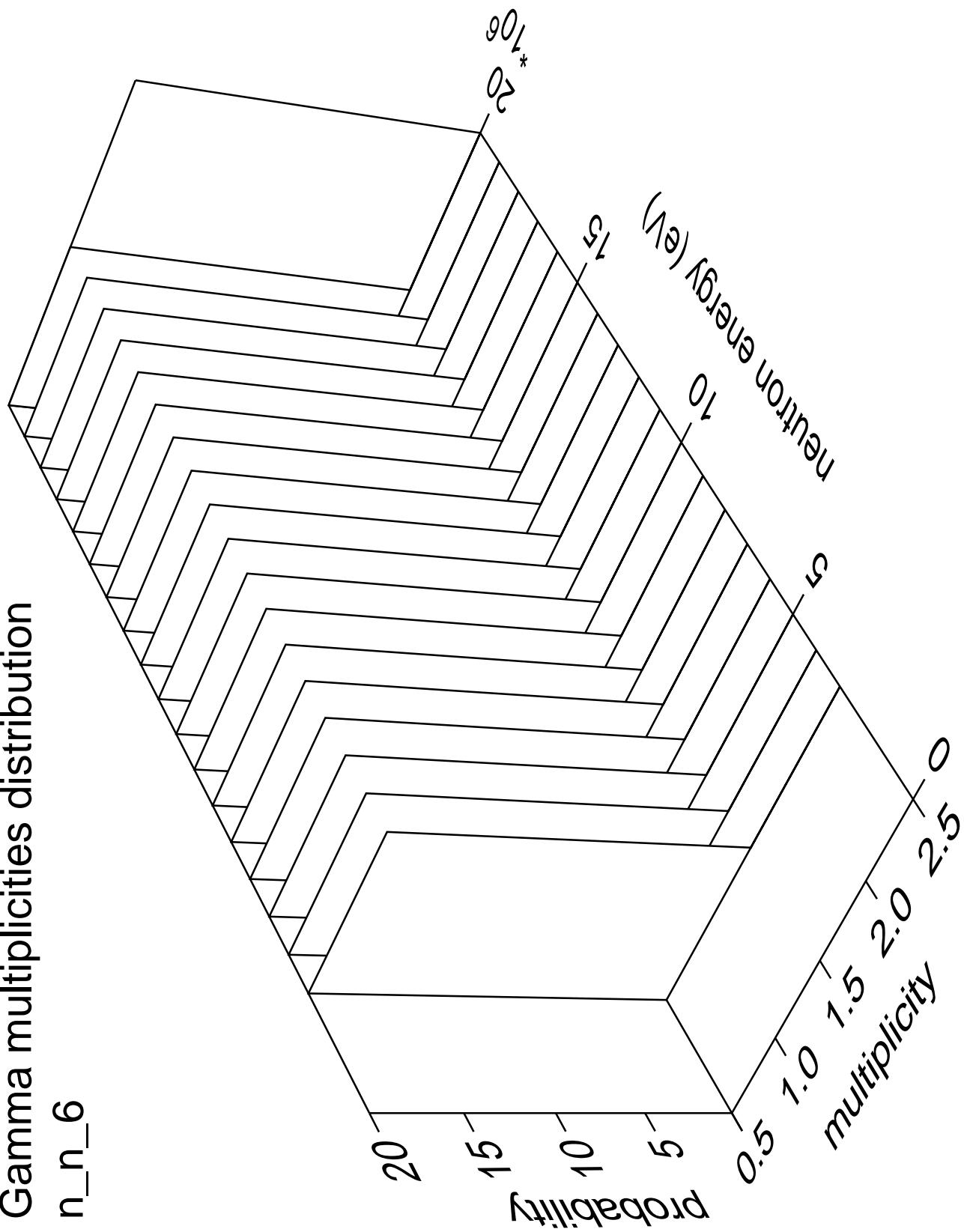


Gamma angles distribution

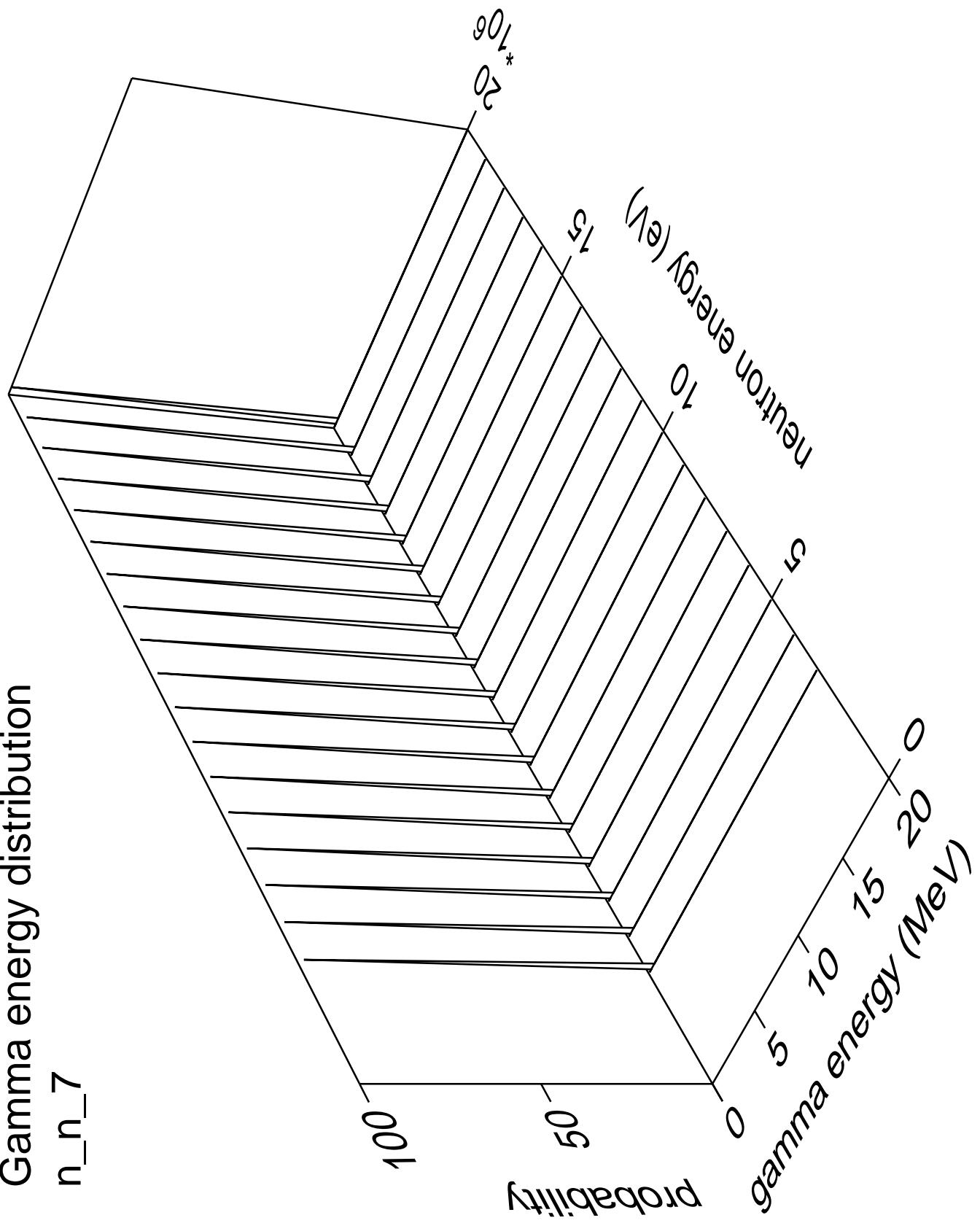
n_n_6



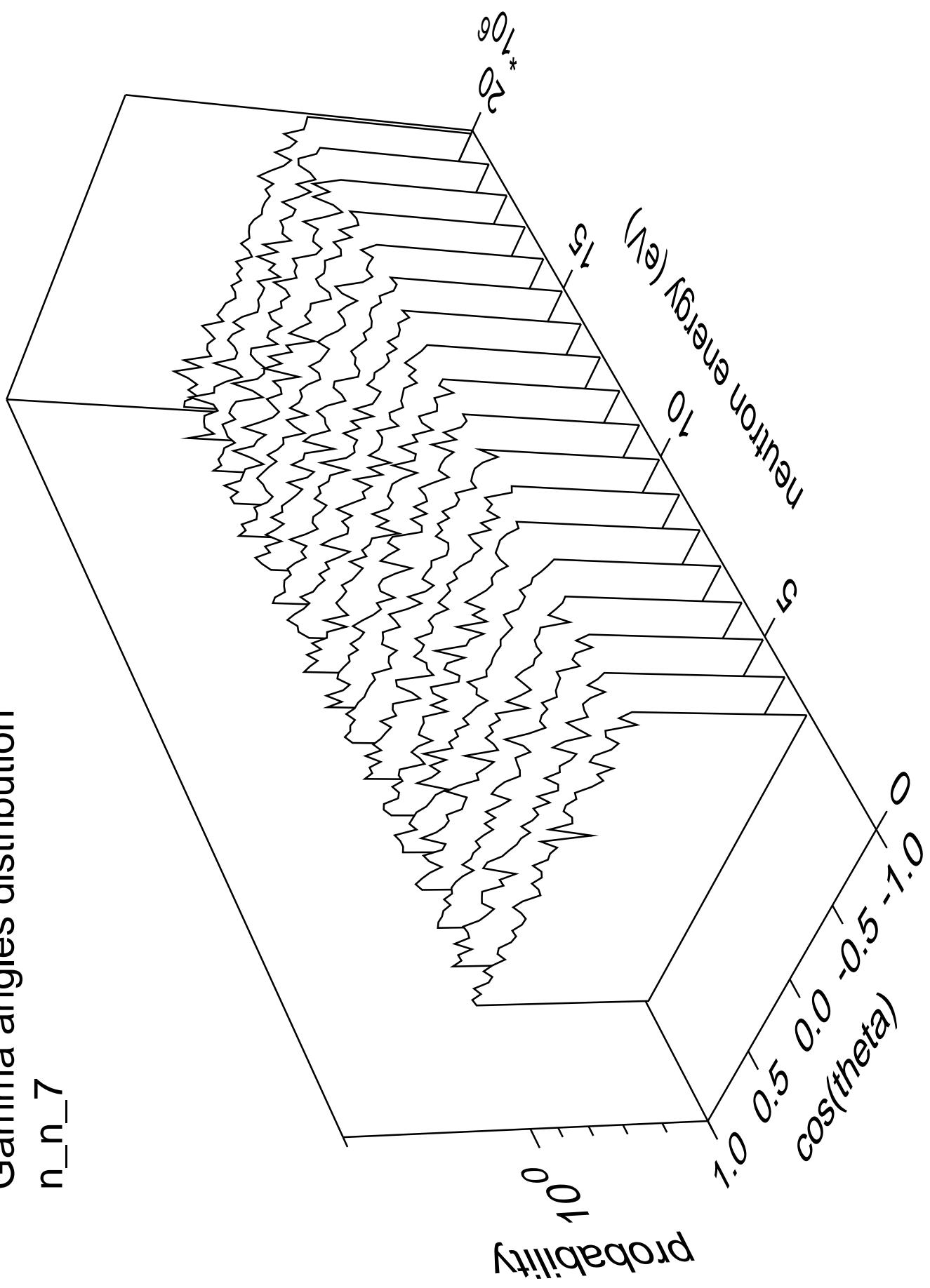
Gamma multiplicities distribution



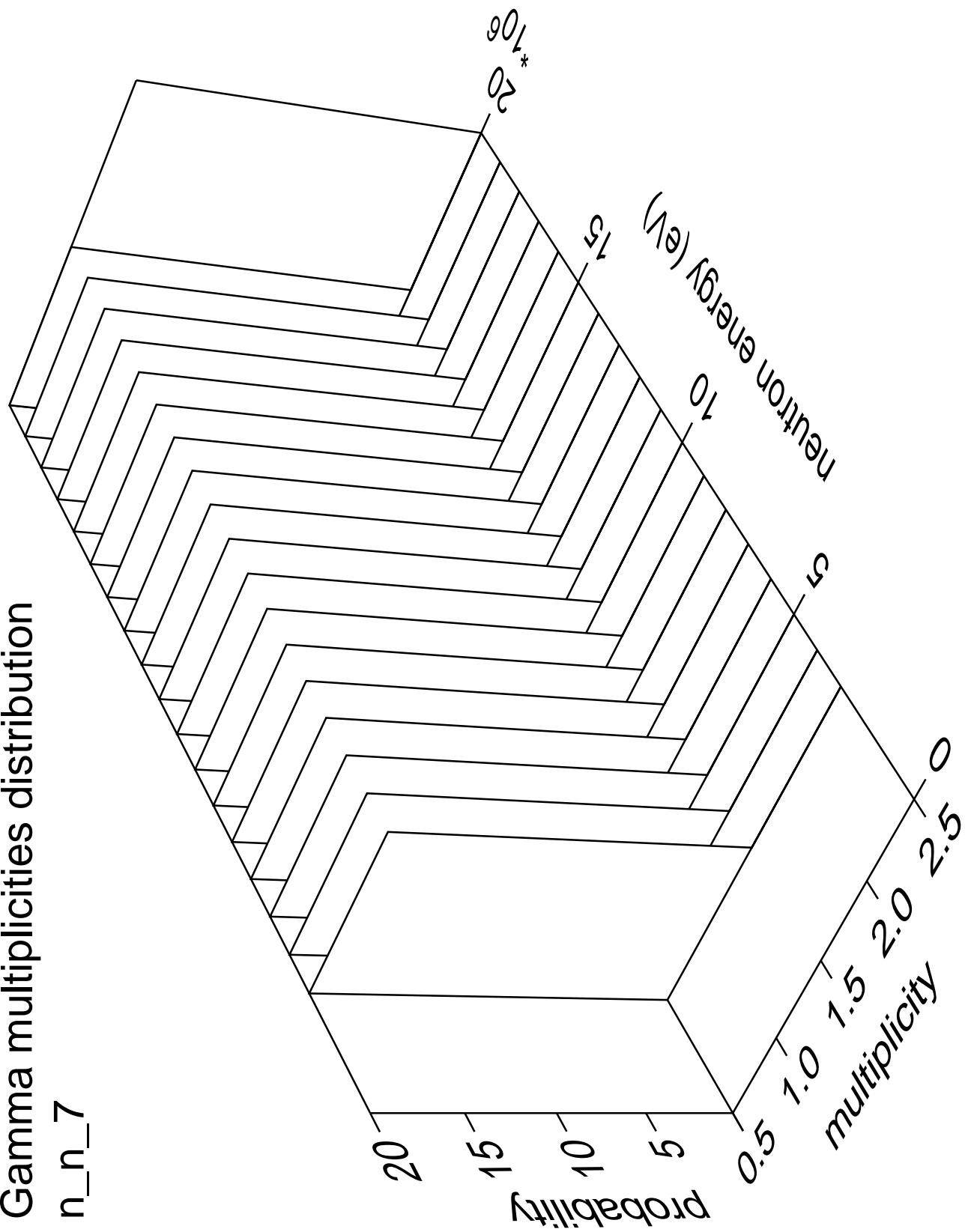
Gamma energy distribution

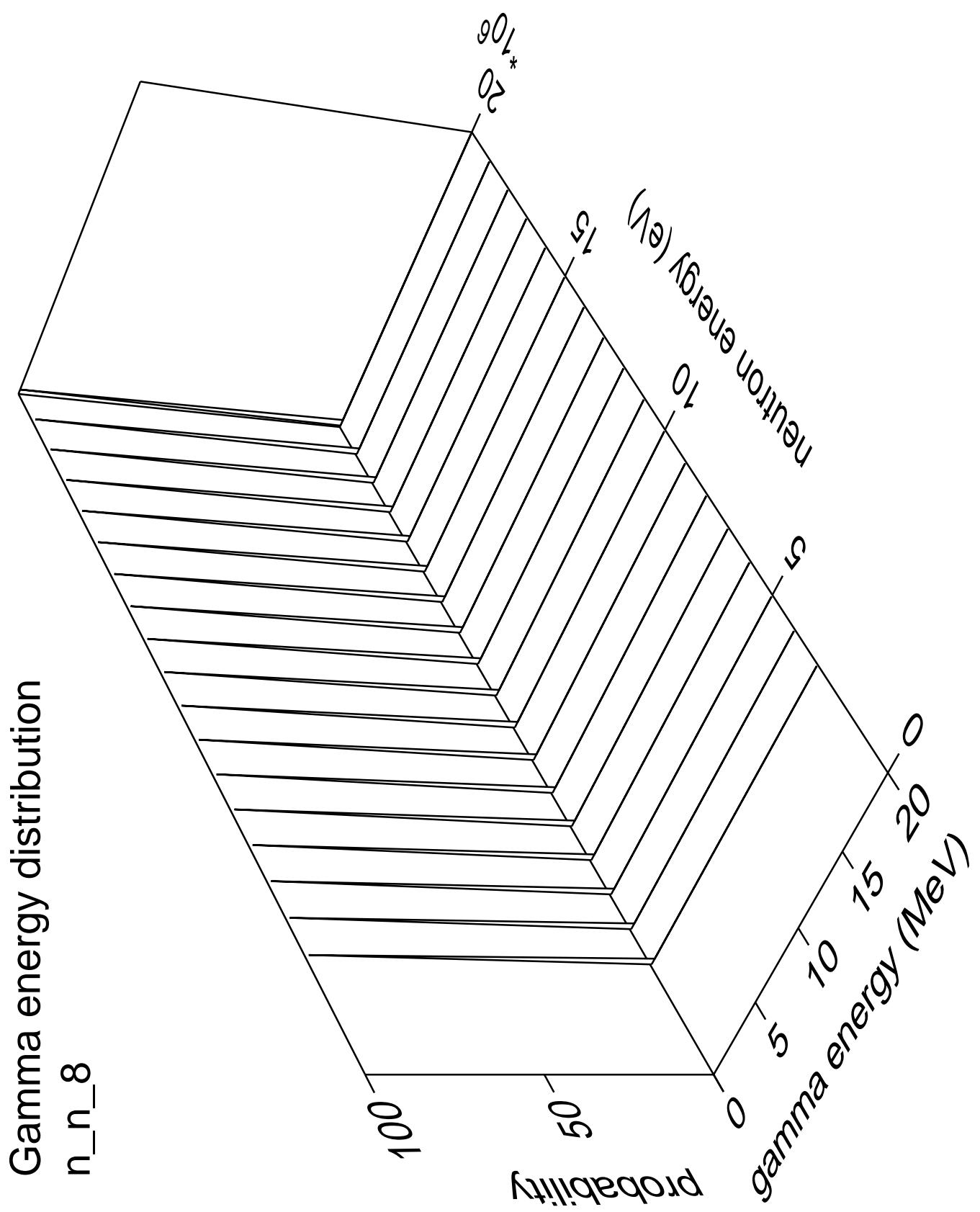


Gamma angles distribution



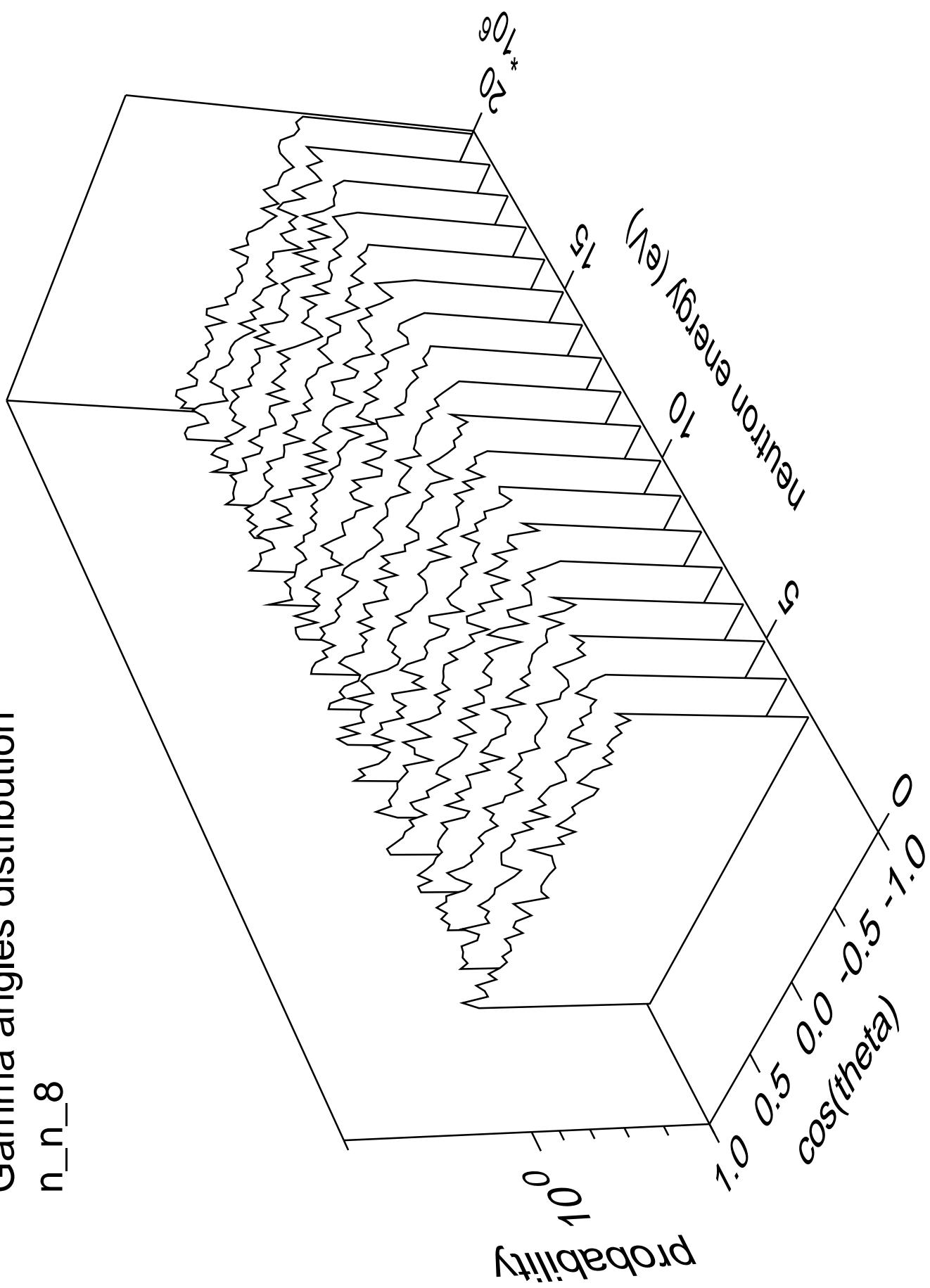
Gamma multiplicities distribution

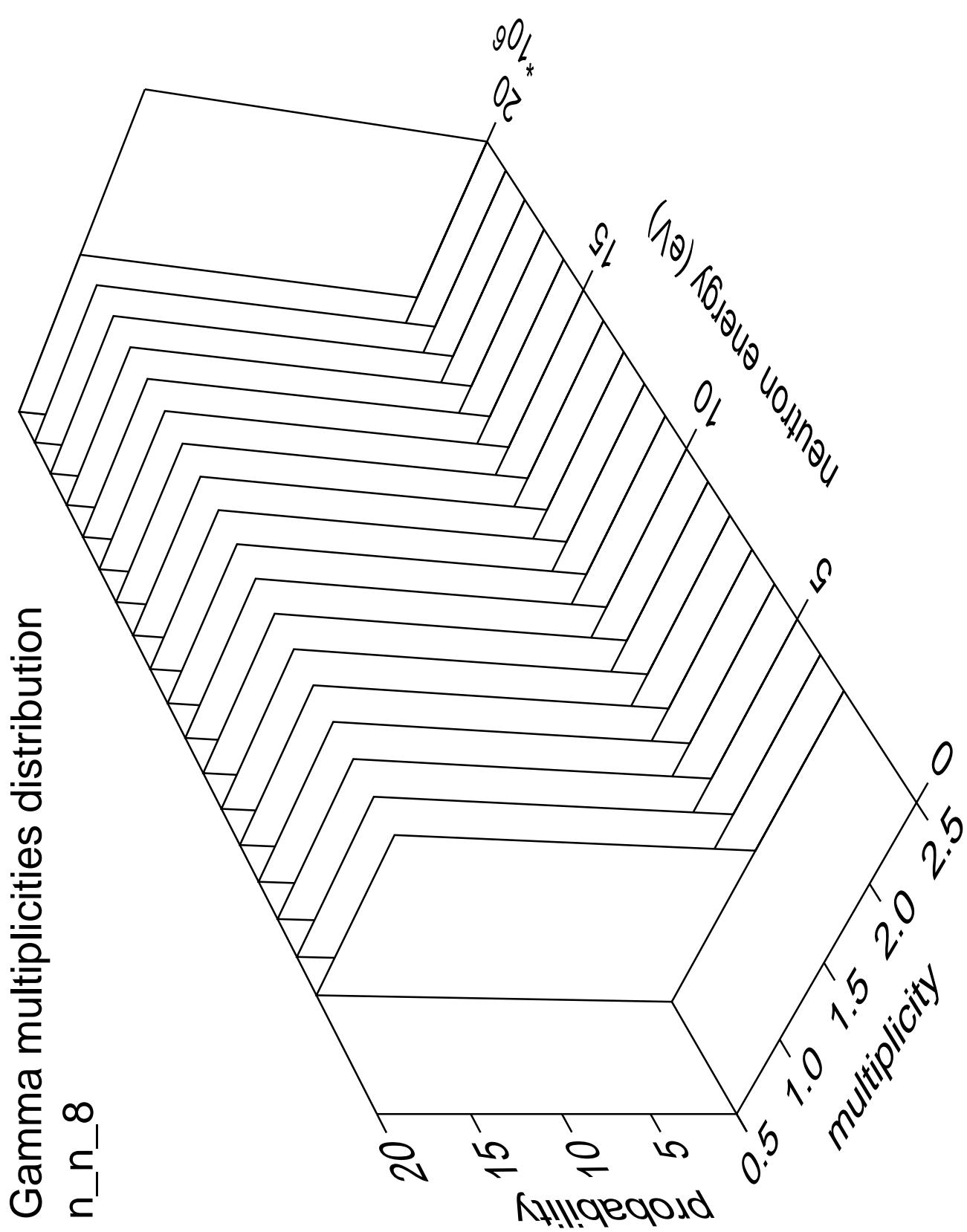


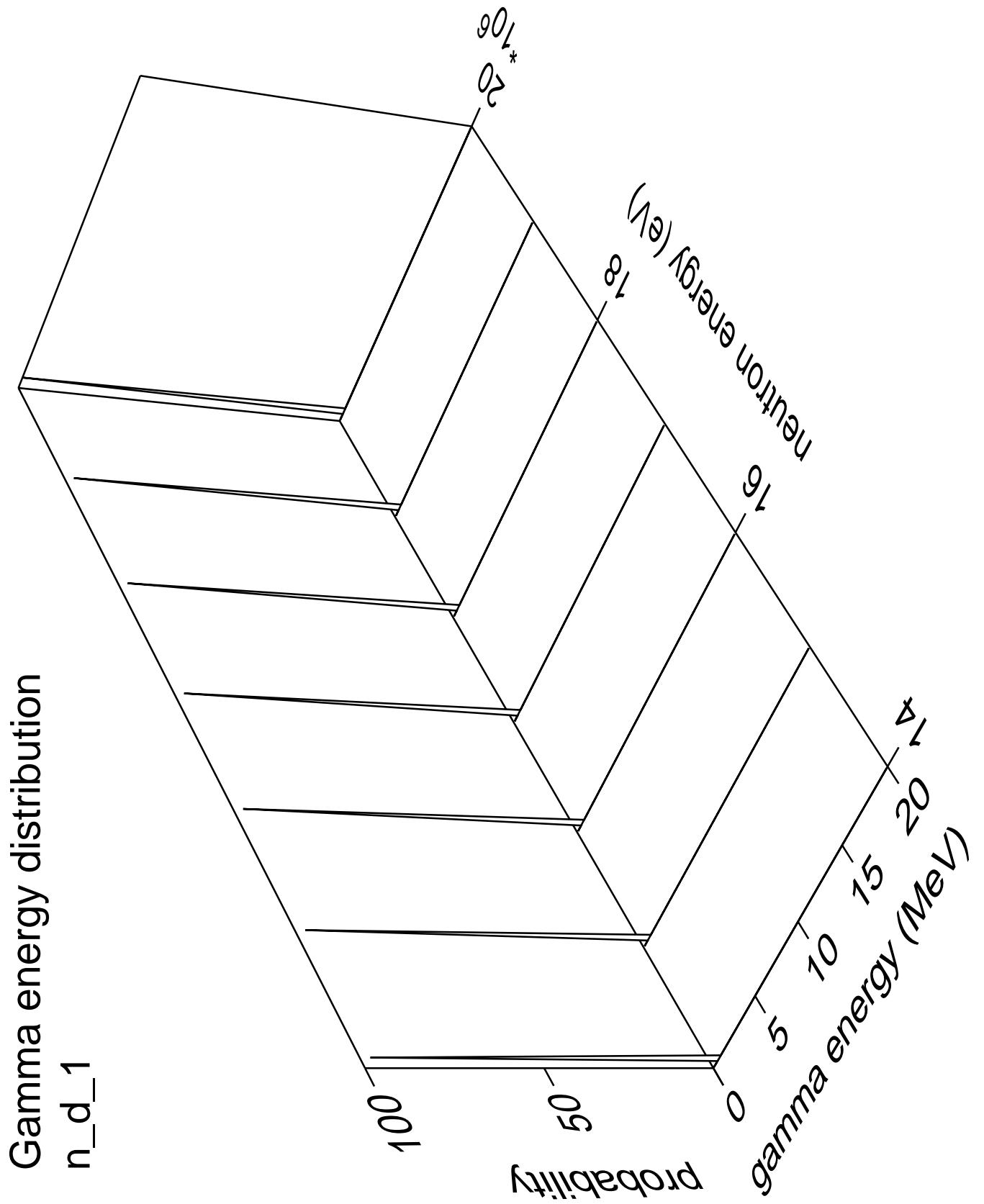


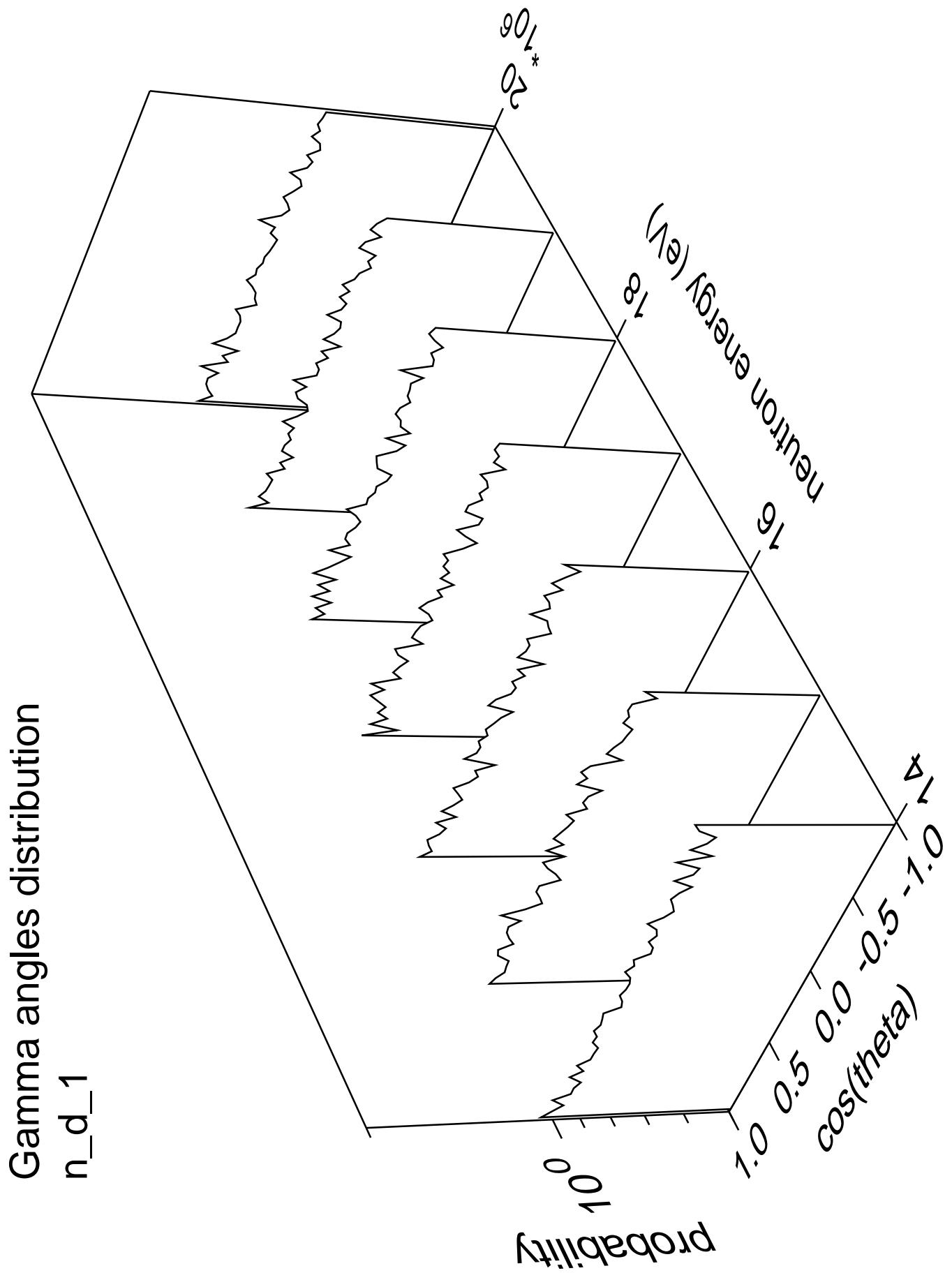
Gamma angles distribution

n_n_8









Gamma multiplicities distribution

n_{d_1}

Probability

multiplicity

Δ

2.5

2.0

1.5

1.0

0.5

Neutron energy (eV)

16

18

20

22

24

26

28

30

32

34

36

38

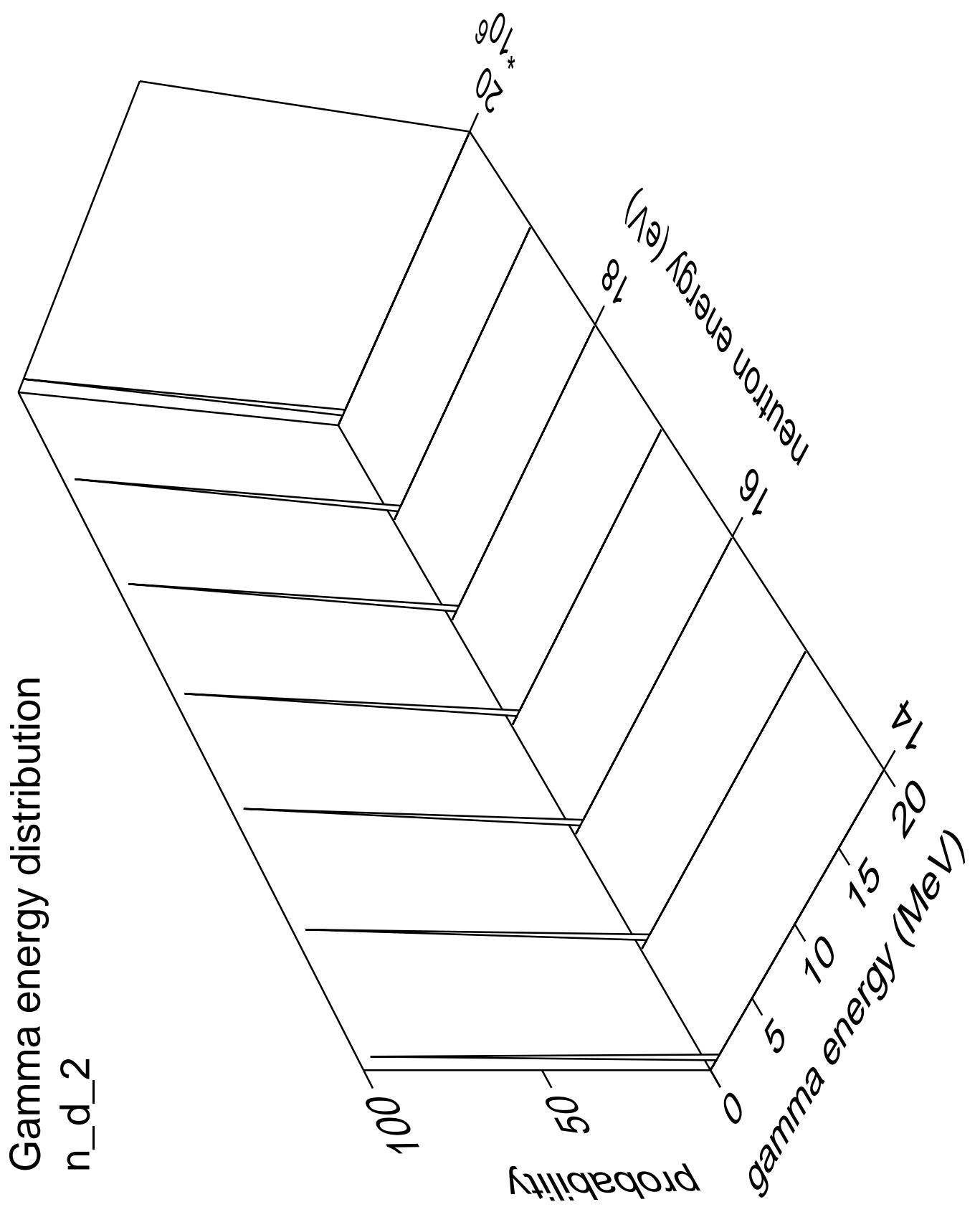
40

42

44

46

48



Gamma angles distribution

n_d_2

Probability

10^0

$\cos(\theta)$

1.0

0.5

0.0

-0.5

-1.0

10^0

20

30

40

50

60

70

80

90

100

110

120

130

140

150

160

170

180

190

200

210

220

230

240

250

260

270

280

290

300

310

320

330

340

350

360

370

380

390

400

410

420

430

440

450

460

470

480

490

500

510

520

530

540

550

560

570

580

590

600

610

620

630

640

650

660

670

680

690

700

710

720

730

740

750

760

770

780

790

800

810

820

830

840

850

860

870

880

890

900

910

920

930

940

950

960

970

980

990

1000

1010

1020

1030

1040

1050

1060

1070

1080

1090

1100

1110

1120

1130

1140

1150

1160

1170

1180

1190

1200

1210

1220

1230

1240

1250

1260

1270

1280

1290

1300

1310

1320

1330

1340

1350

1360

1370

1380

1390

1400

1410

1420

1430

1440

1450

1460

1470

1480

1490

1500

1510

1520

1530

1540

1550

1560

1570

1580

1590

1600

1610

1620

1630

1640

1650

1660

1670

1680

1690

1700

1710

1720

1730

1740

1750

1760

1770

1780

1790

1800

1810

1820

1830

1840

1850

1860

1870

1880

1890

1900

1910

1920

1930

1940

1950

1960

1970

1980

1990

2000

2010

2020

2030

2040

2050

2060

2070

2080

2090

2100

2110

2120

2130

2140

2150

2160

2170

2180

2190

2200

2210

2220

2230

2240

2250

2260

2270

2280

2290

2300

2310

2320

2330

2340

2350

2360

2370

2380

2390

2400

2410

2420

2430

2440

2450

2460

2470

2480

2490

2500

2510

2520

2530

2540

2550

2560

2570

2580

2590

2600

2610

2620

2630

2640

2650

2660

2670

2680

2690

2700

2710

2720

2730

2740

2750

2760

2770

2780

2790

2800

2810

2820</p

Gamma multiplicities distribution

n_d_2

Probability

n_d_2

multiplicity

Δ

2.0

1.5

1.0

0.5

Neutron energy (eV)

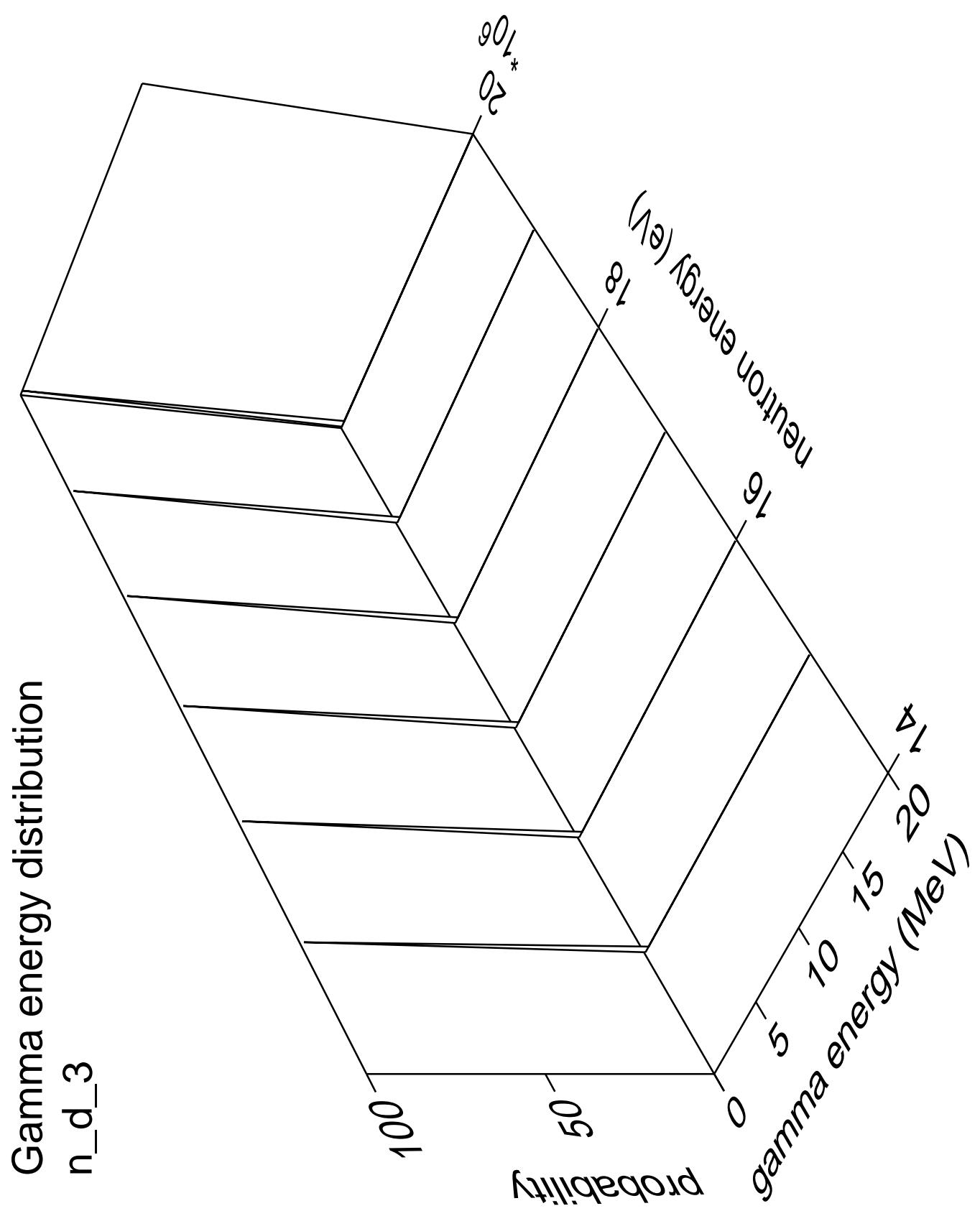
16

18

100

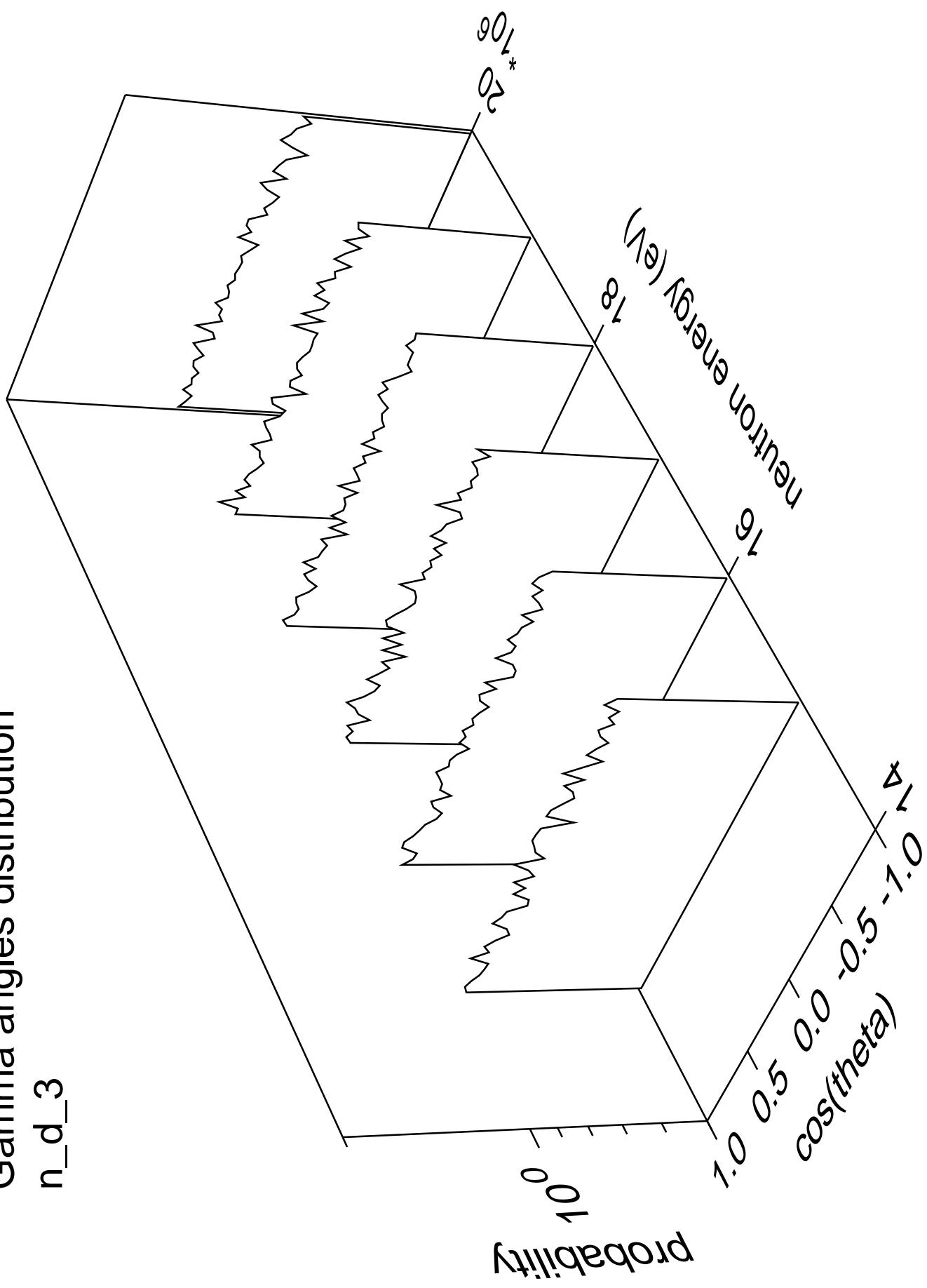
20

10



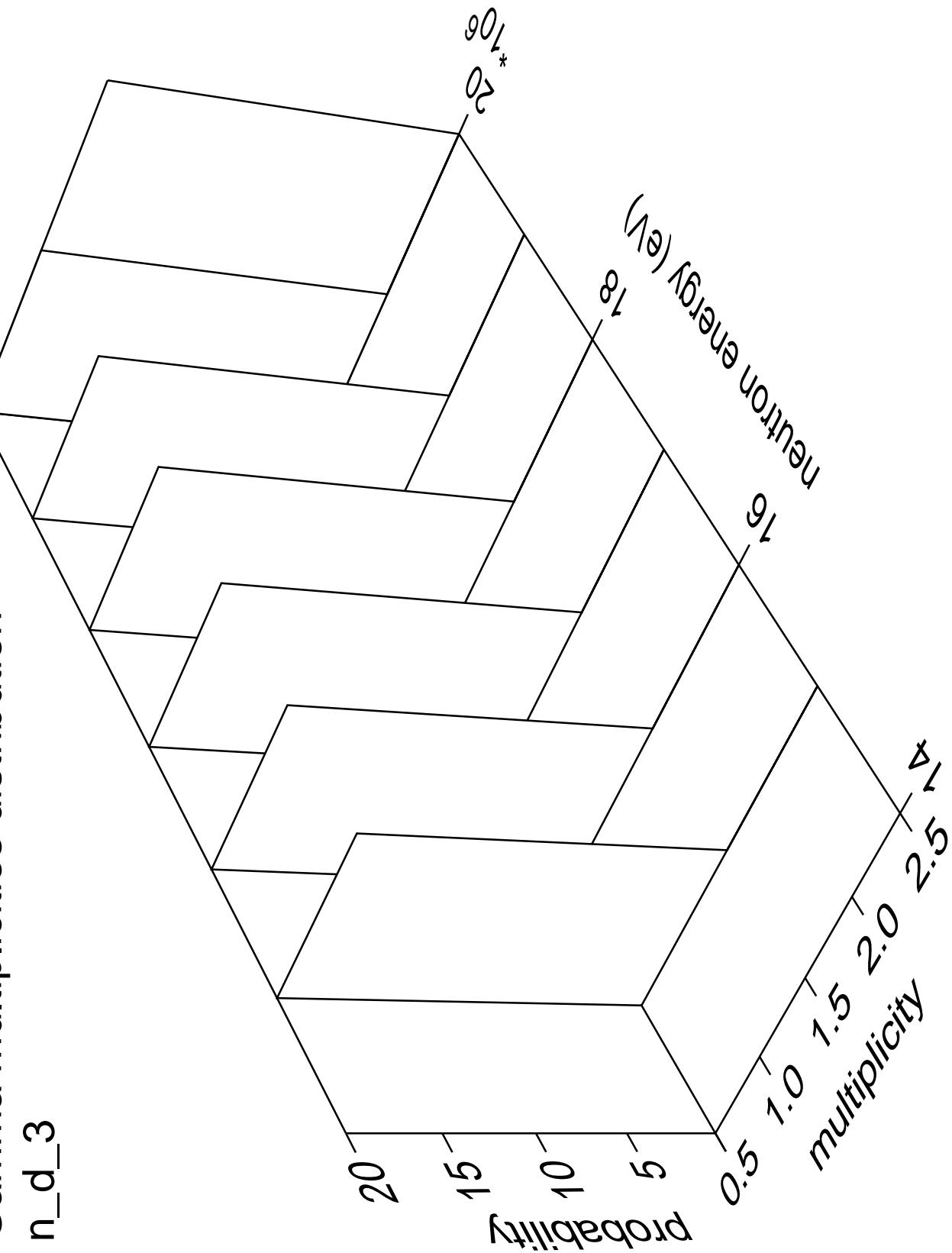
Gamma angles distribution

n_d_3

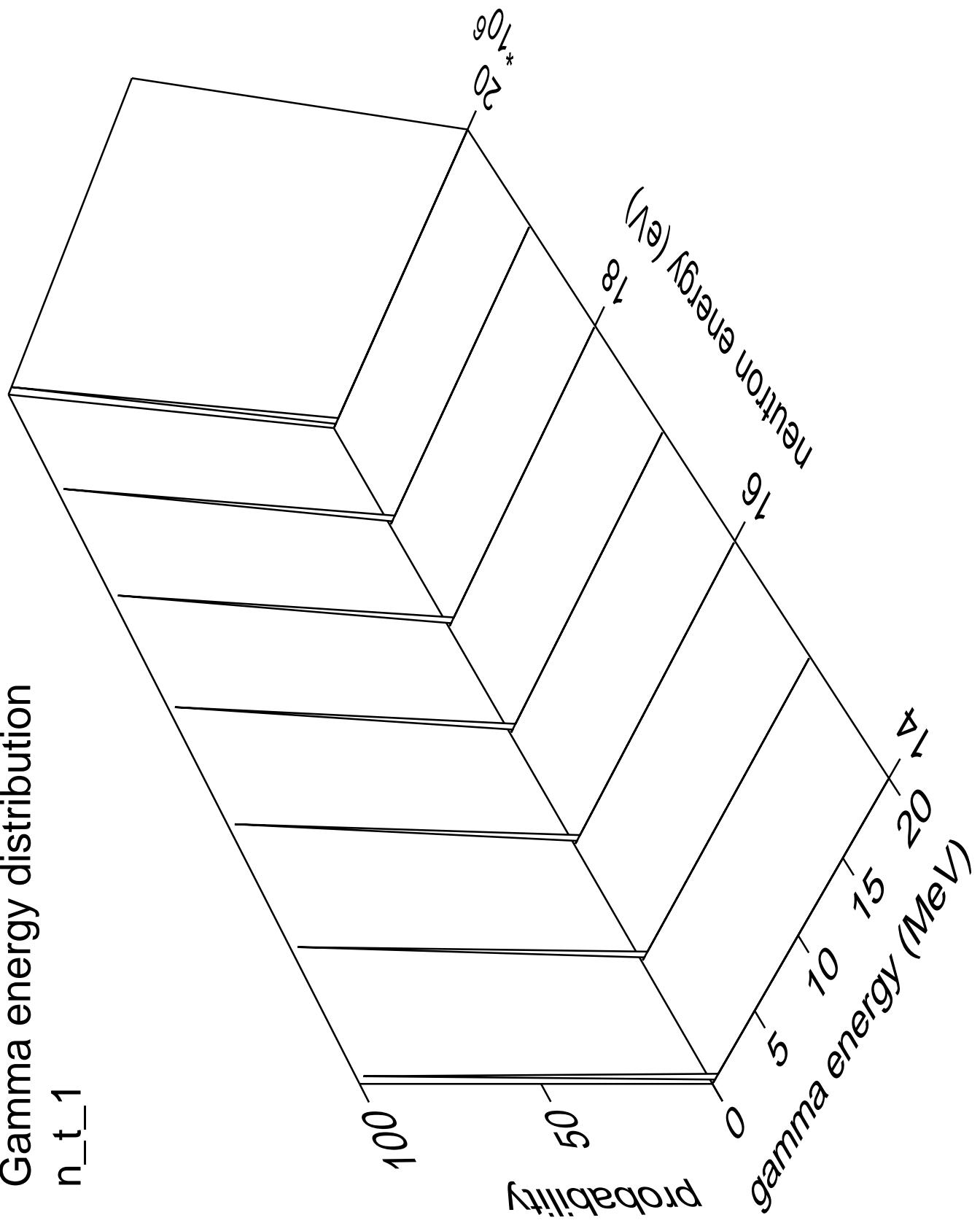


Gamma multiplicities distribution

n_{d_3}



Gamma energy distribution
 n_{t_1}



Gamma angles distribution

n_{t_1}

Probability

10^0

10^6

10^2

10^8

10^4

10^0

1.0
 0.5
 0.0
 -0.5
 -1.0

$\cos(\theta)$

neutron energy (eV)

Gamma multiplicities distribution

n_{t_1}

Probability

n_{t_1}

multiplicity

2.5

2.0

1.5

1.0

0.5

Neutron energy (eV)

16

18

20

100