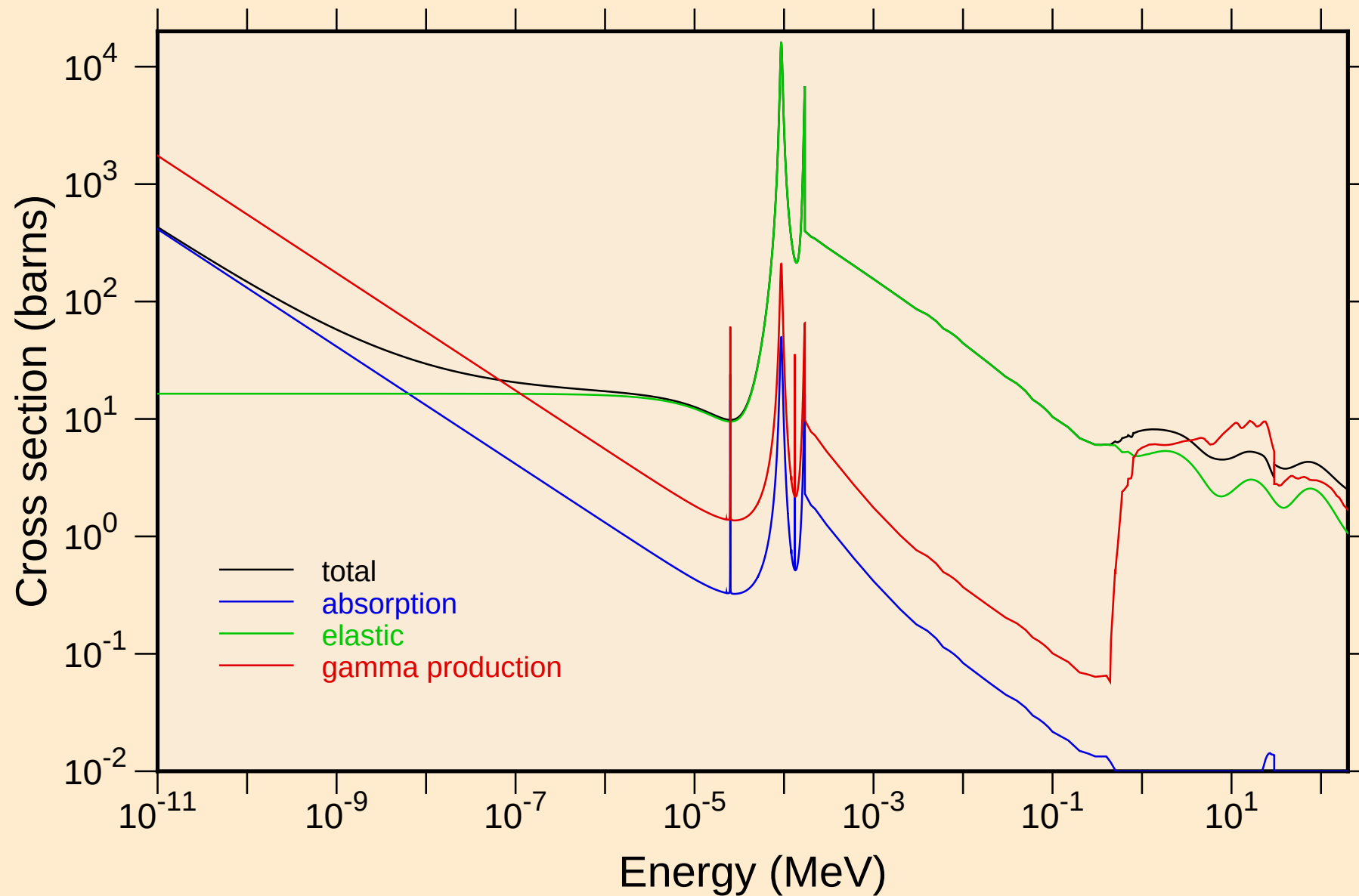
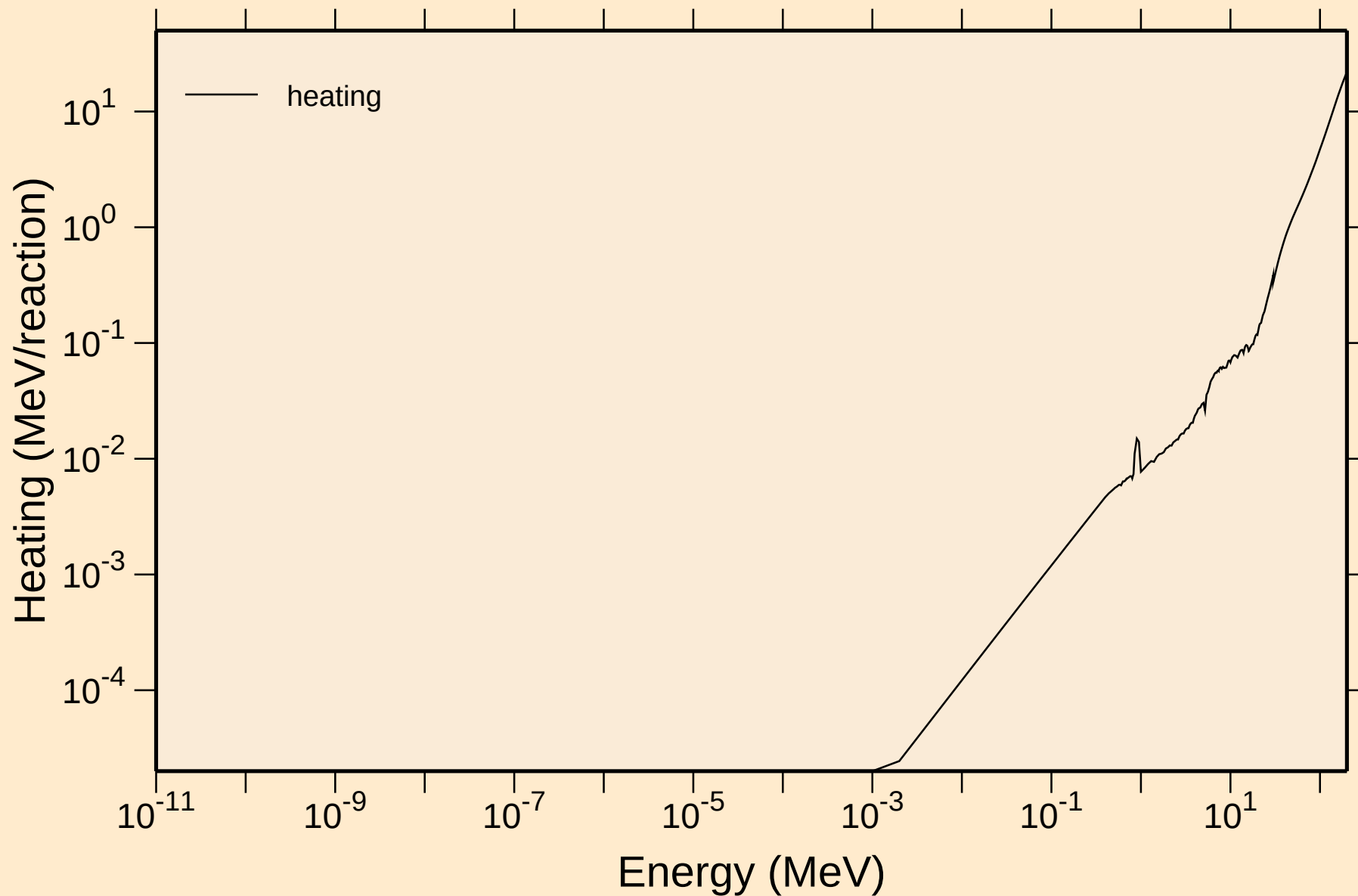


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Principal cross sections



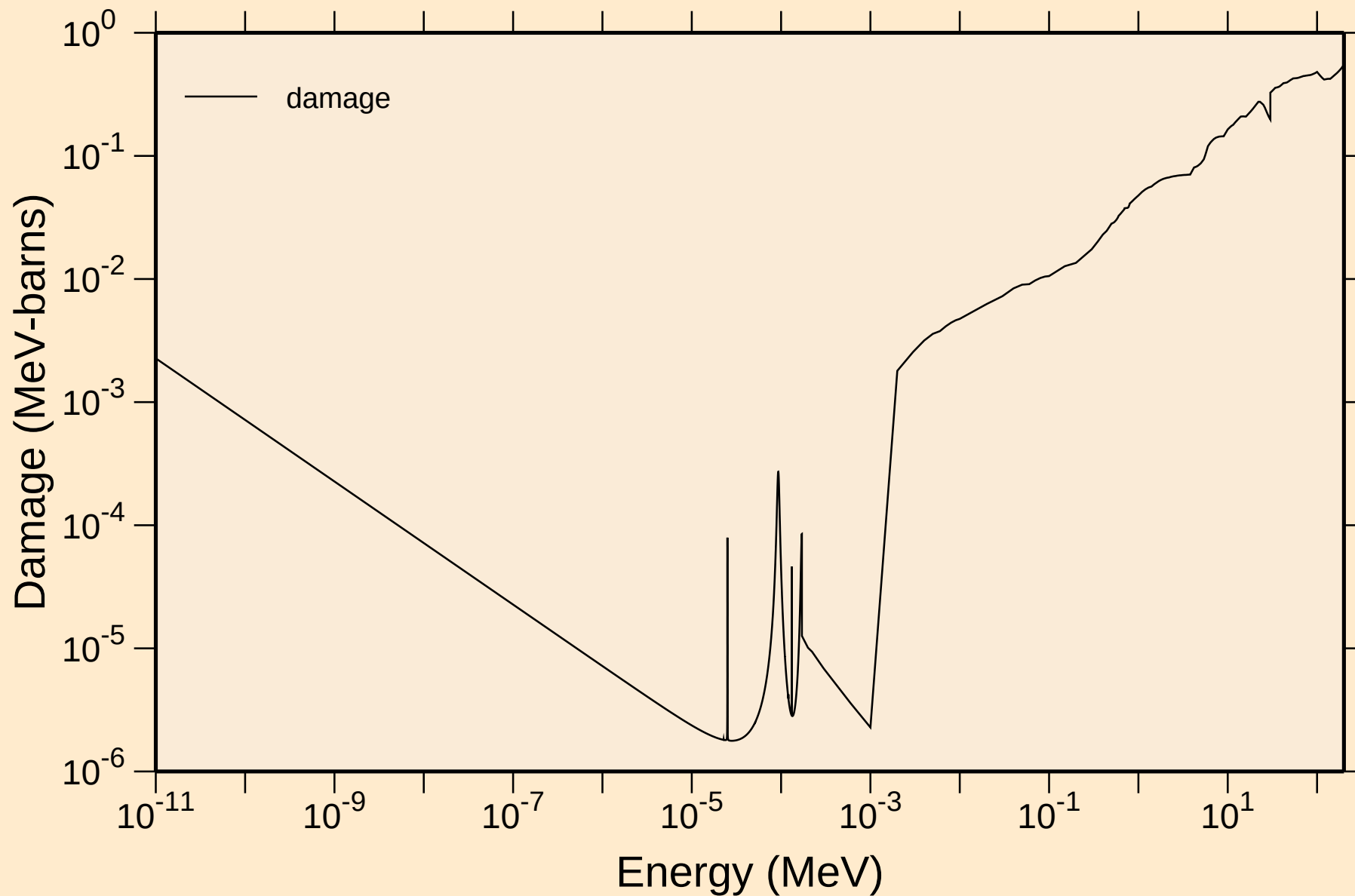
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

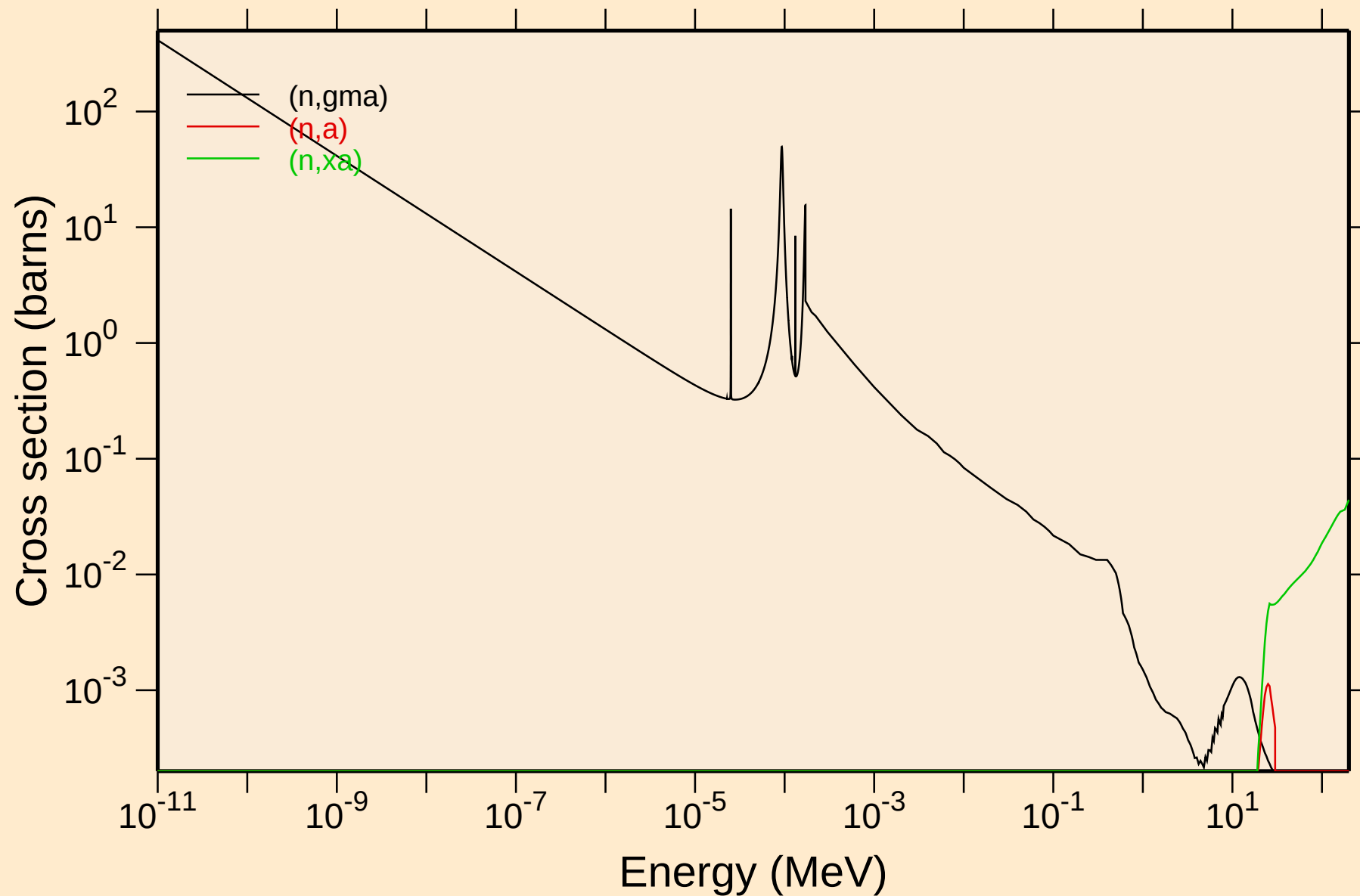


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

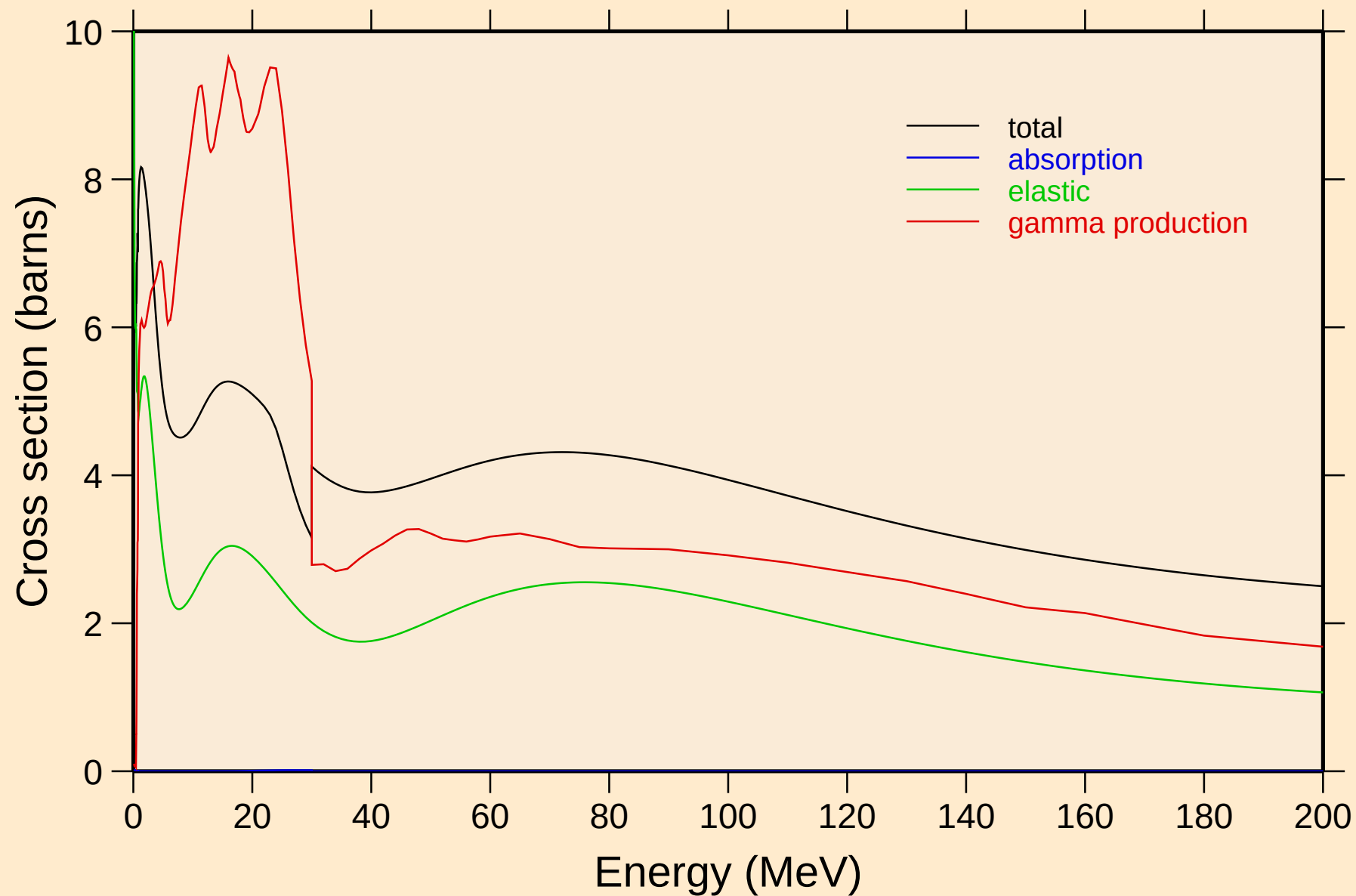


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



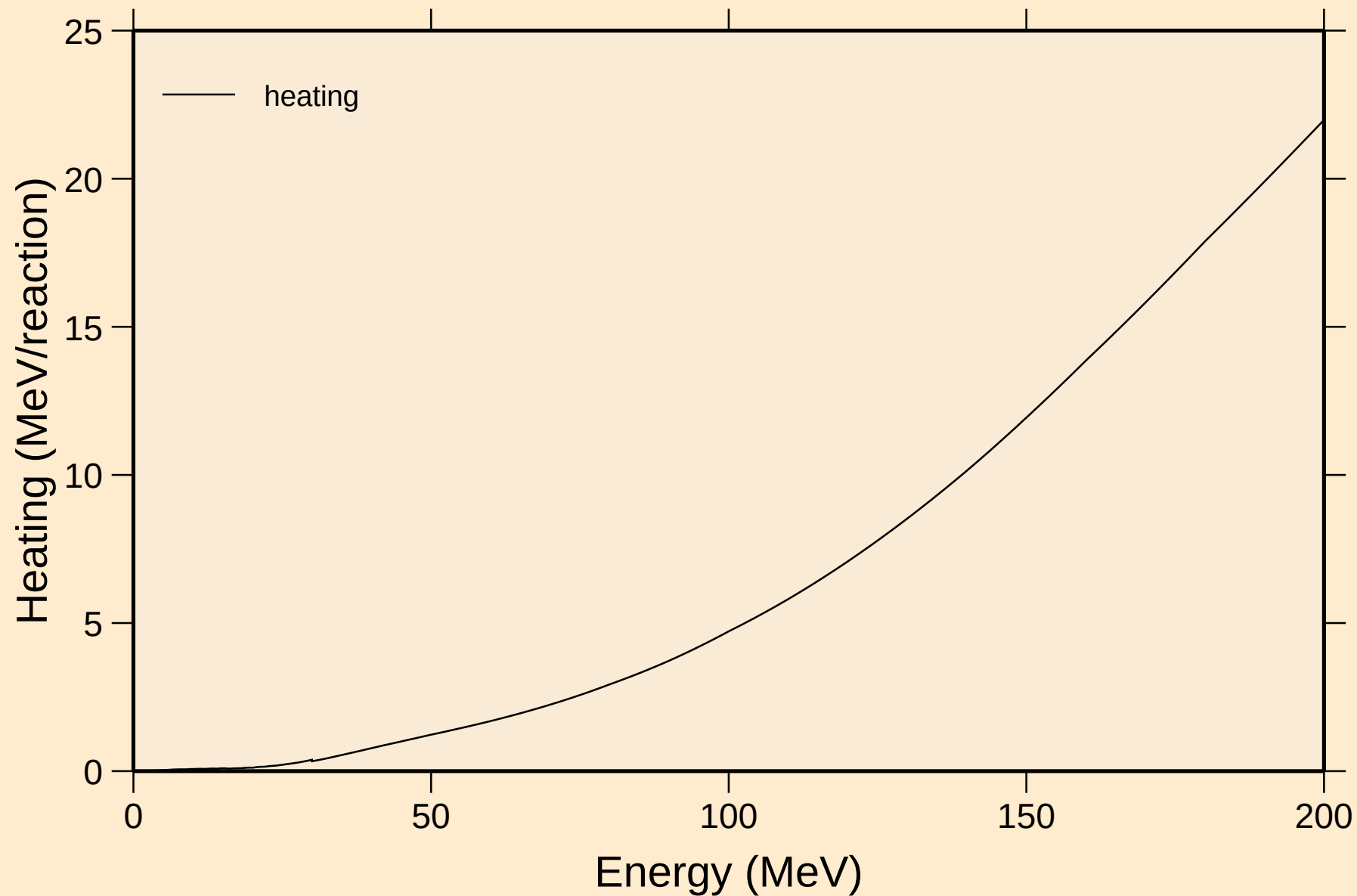
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Principal cross sections



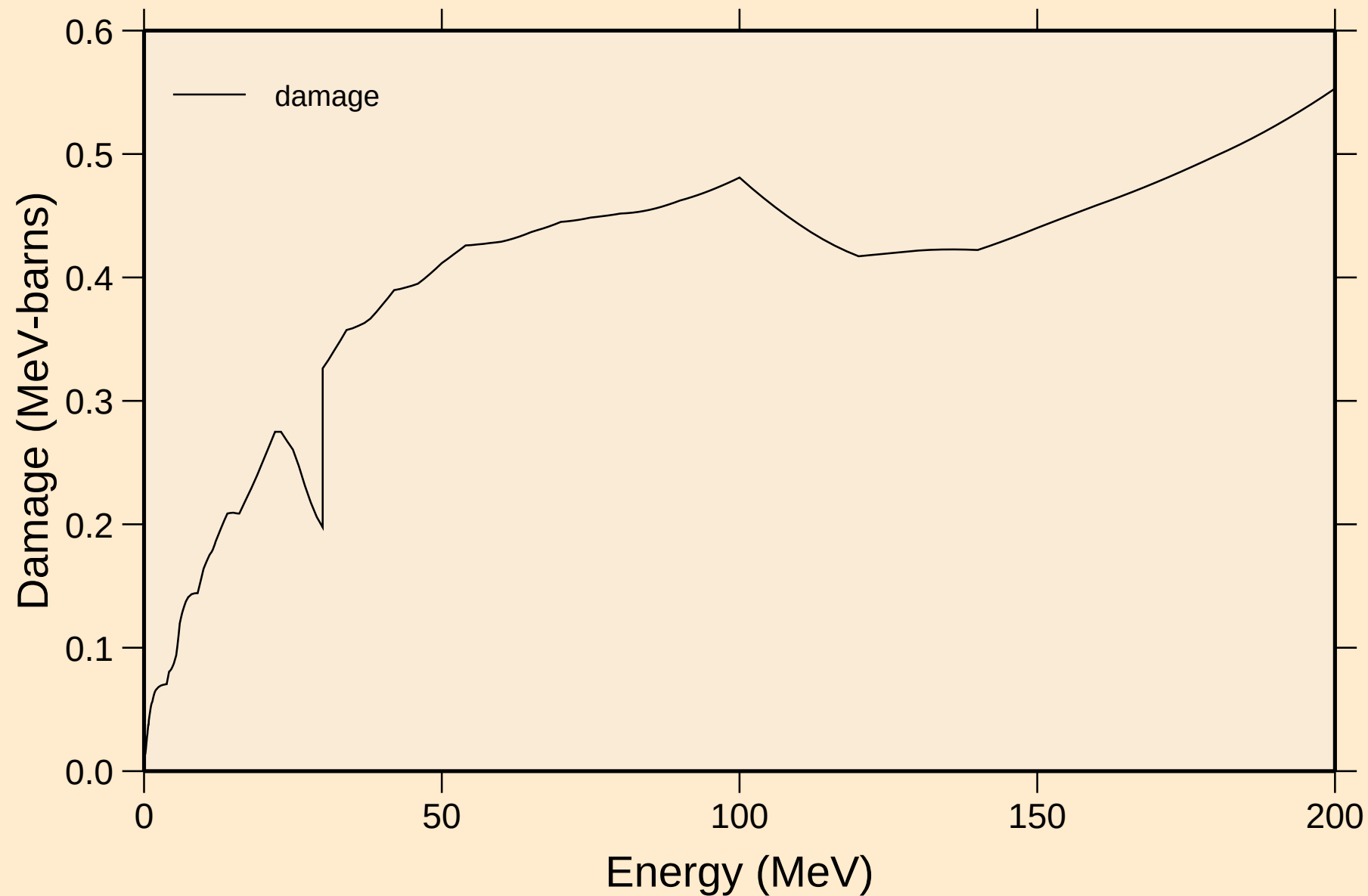
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

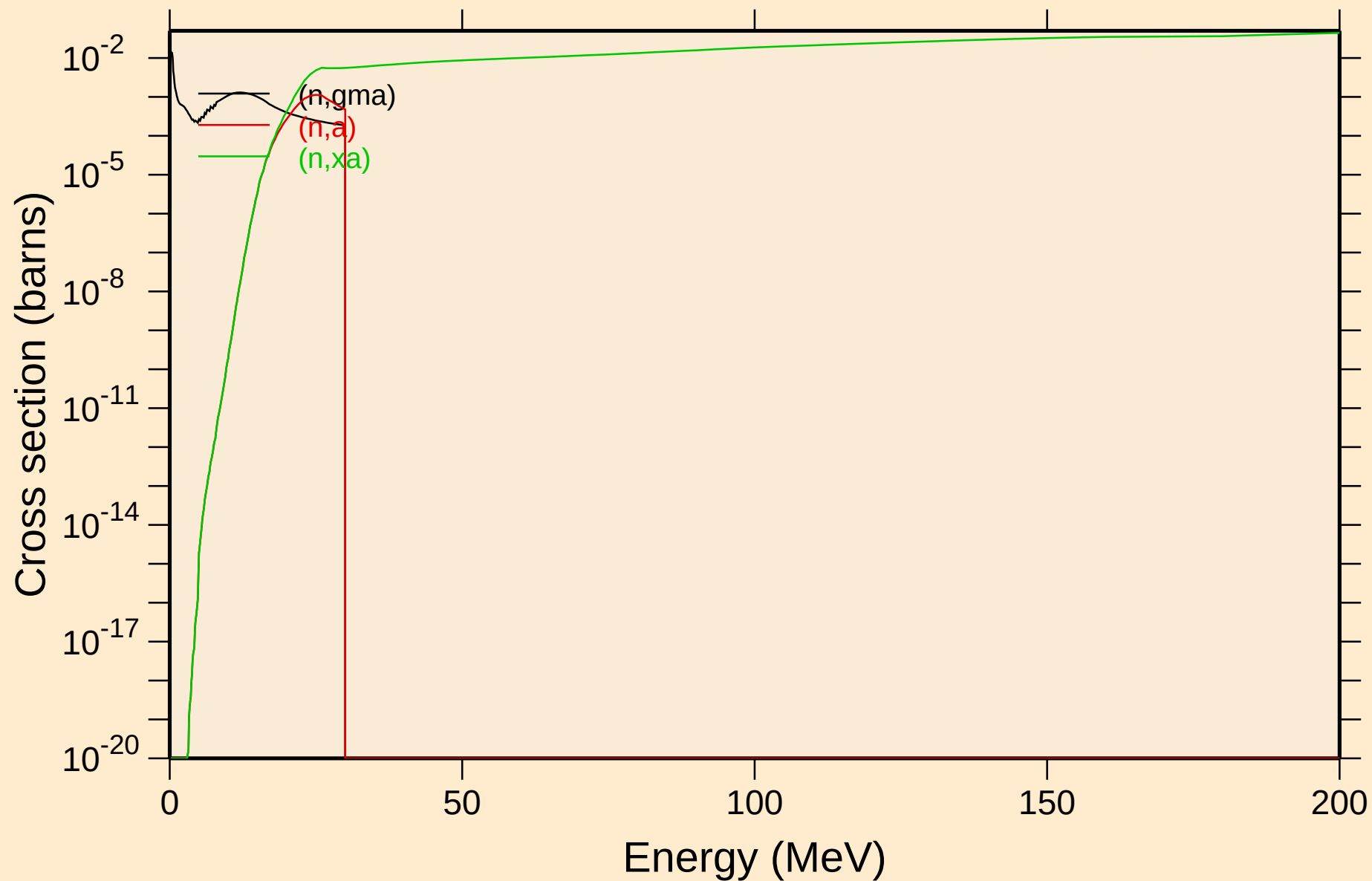


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

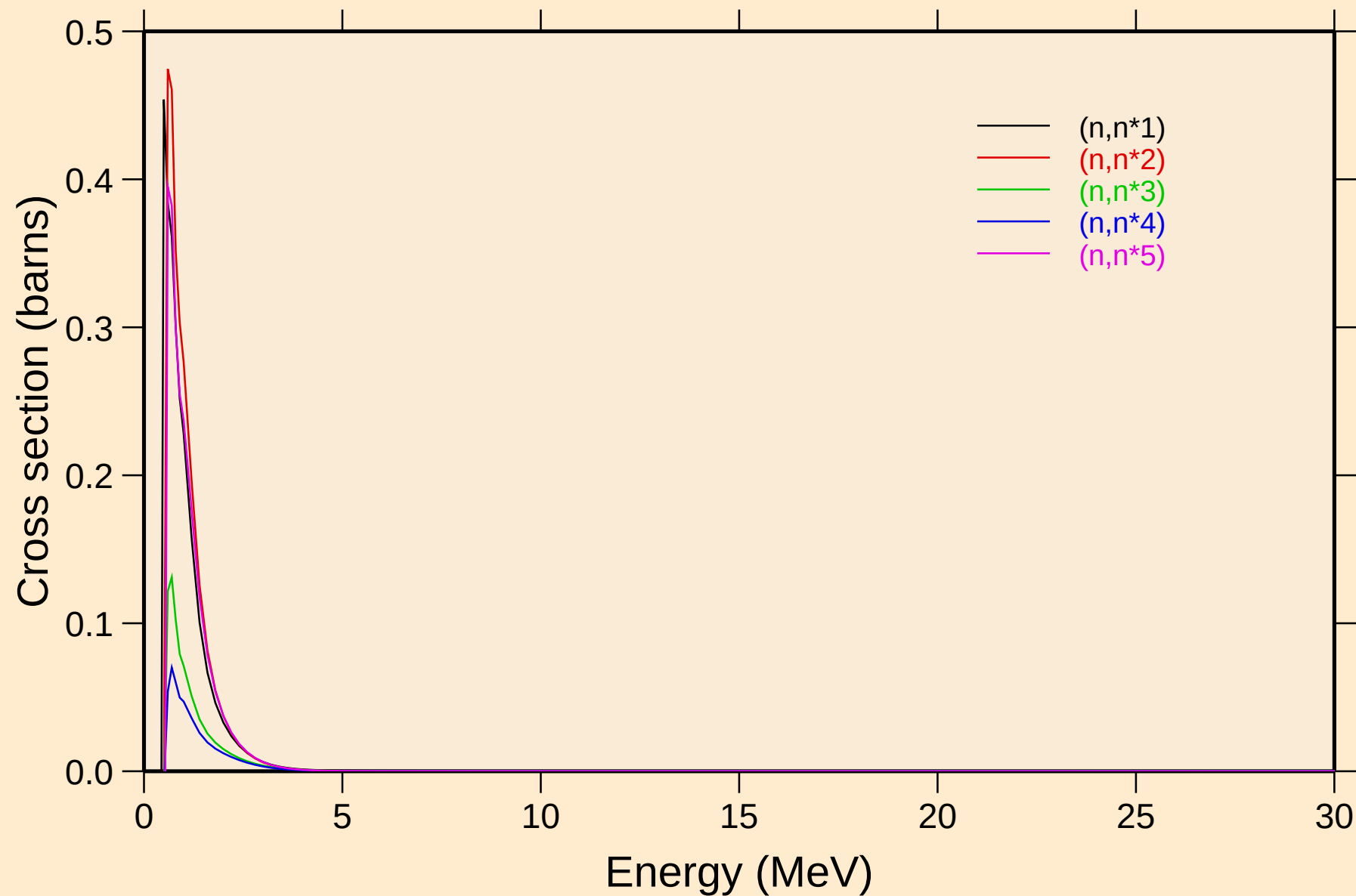


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



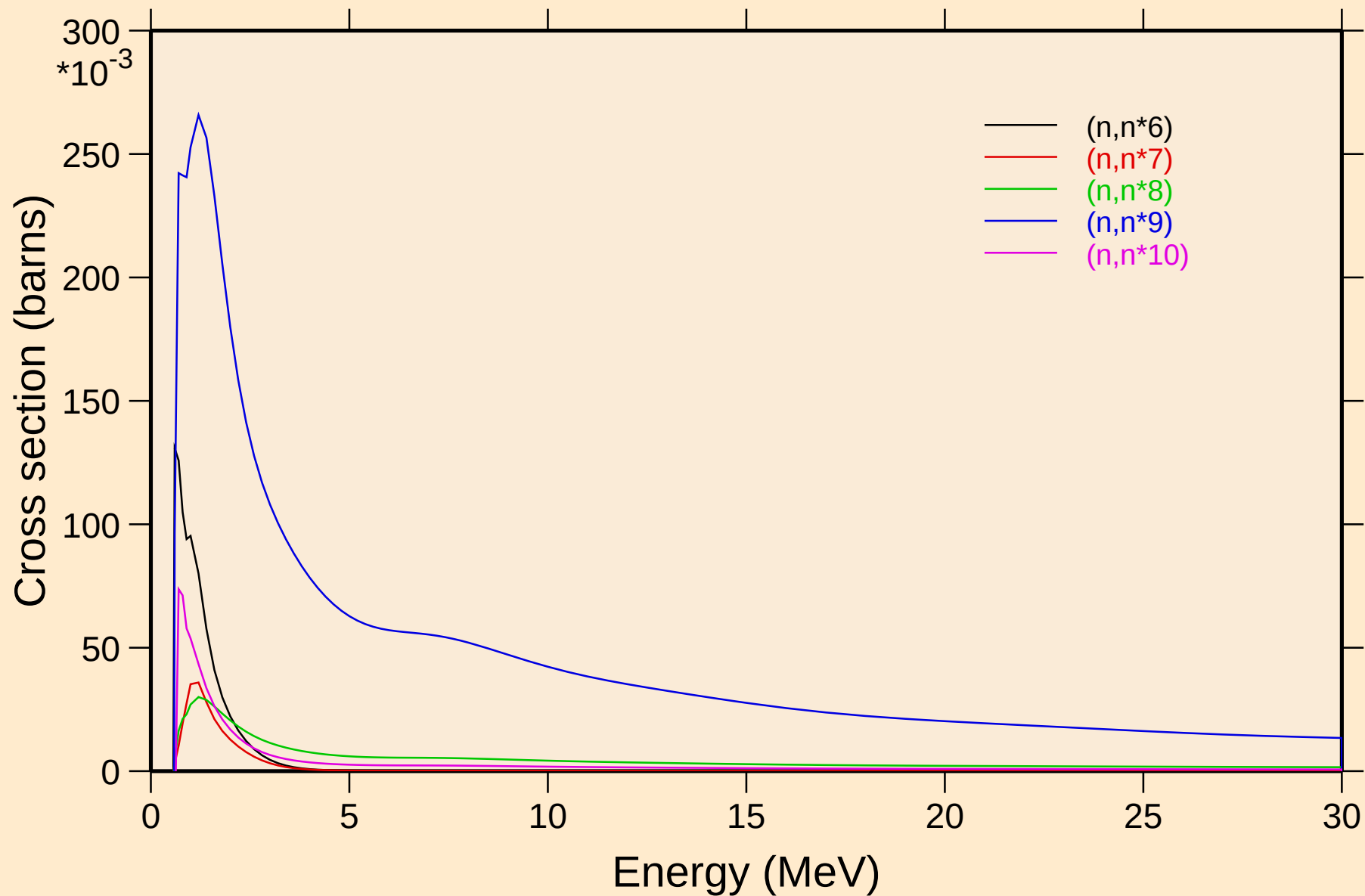
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels

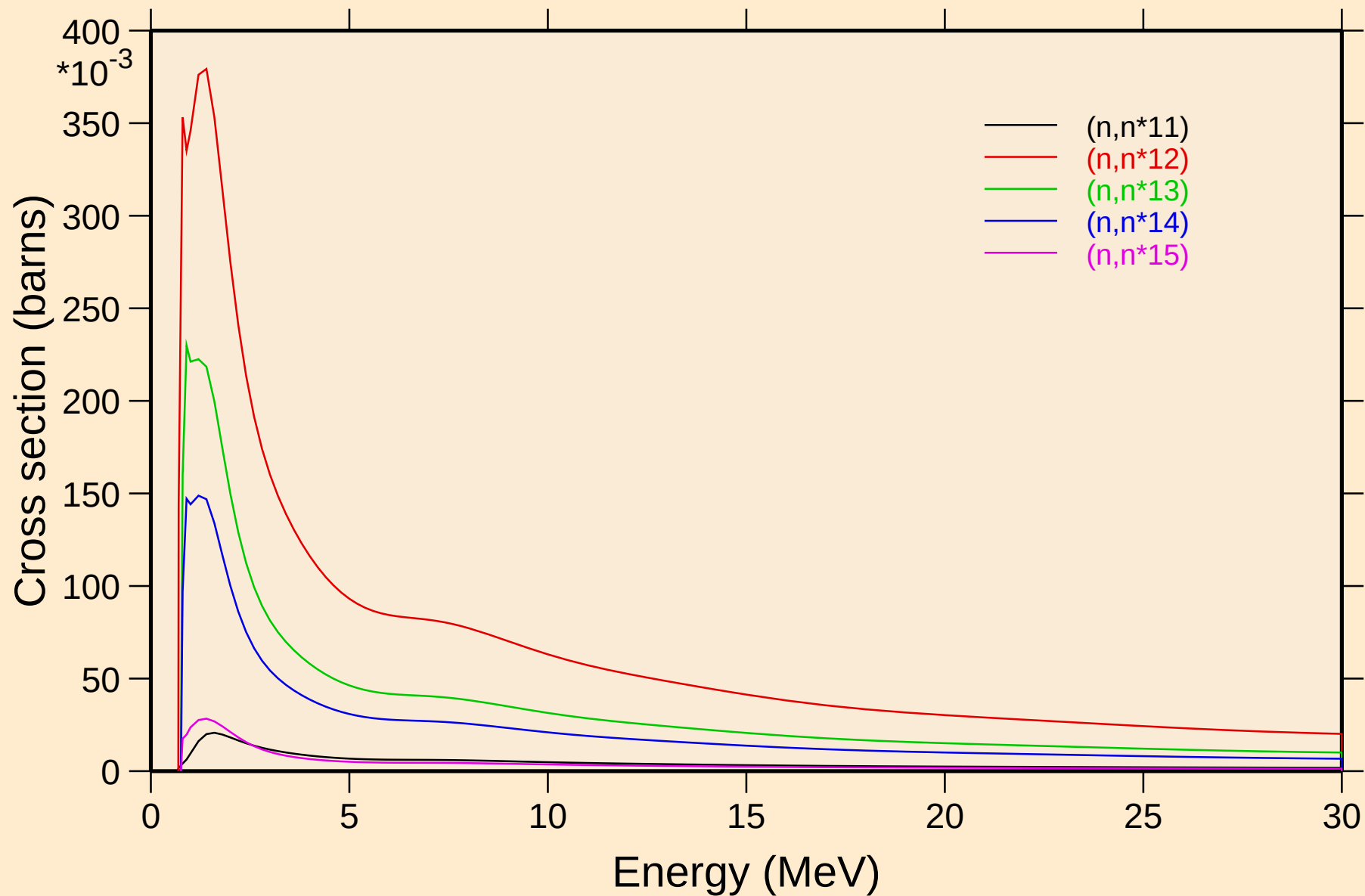


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels

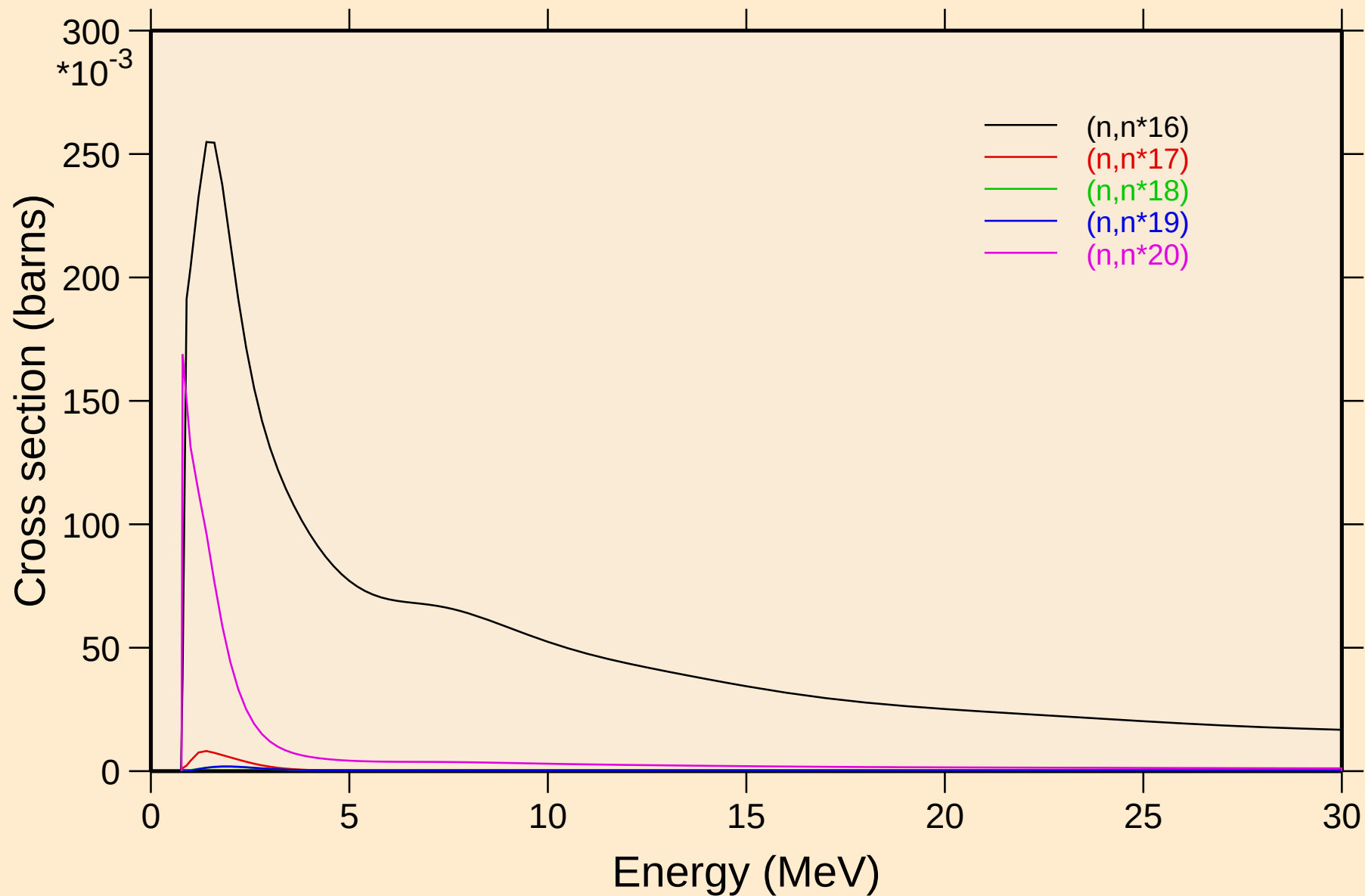


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



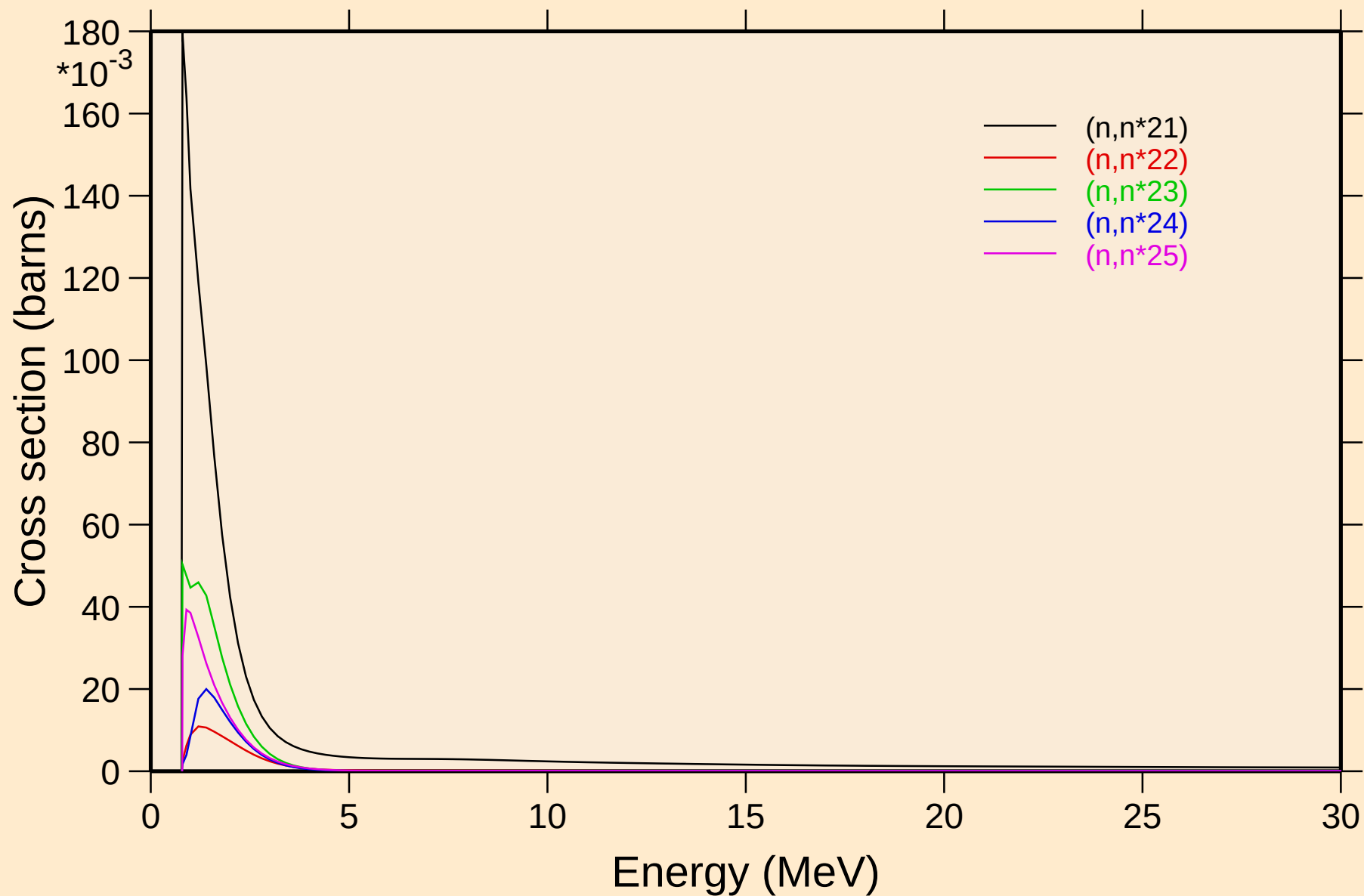
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels

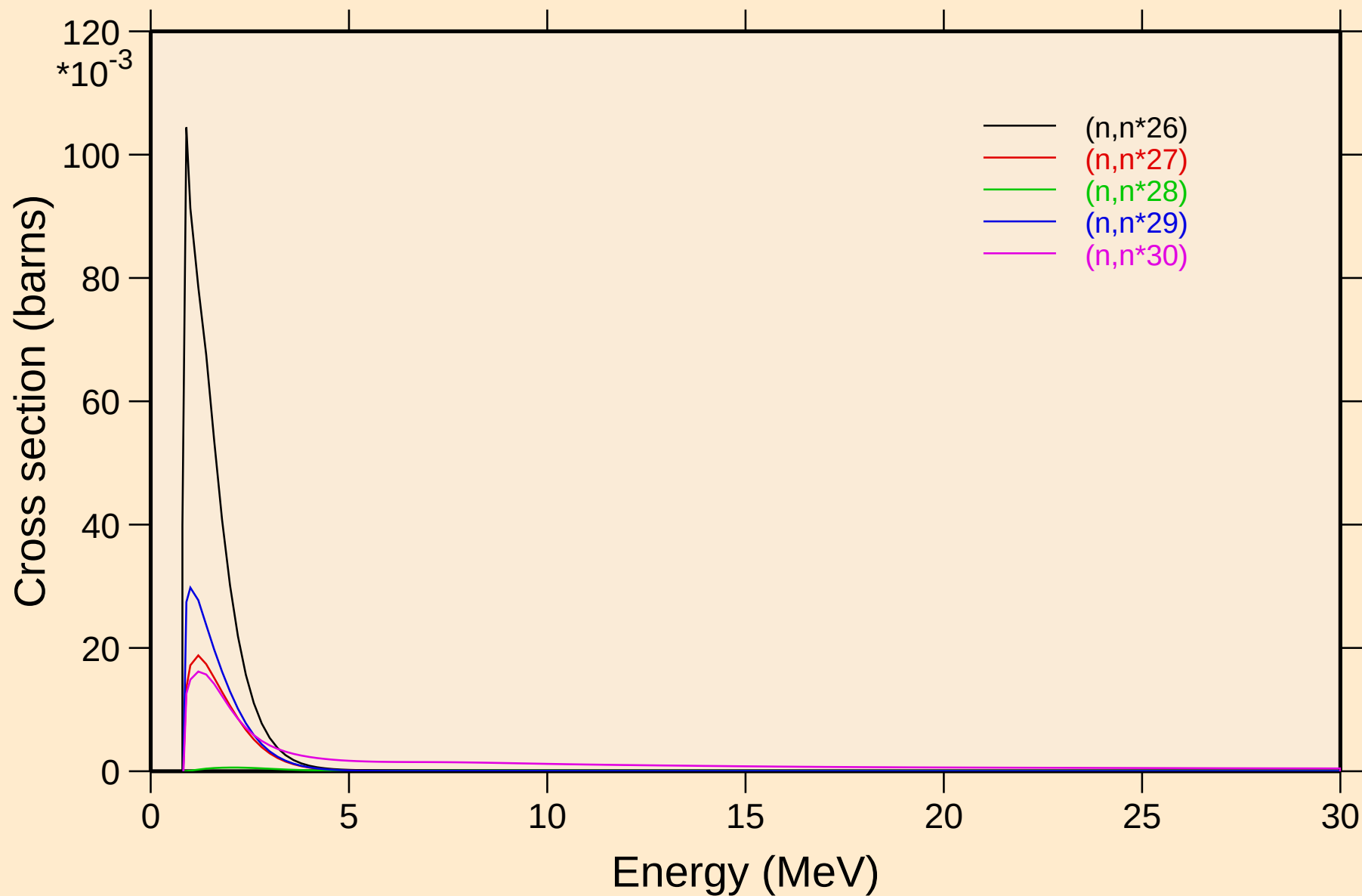


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels

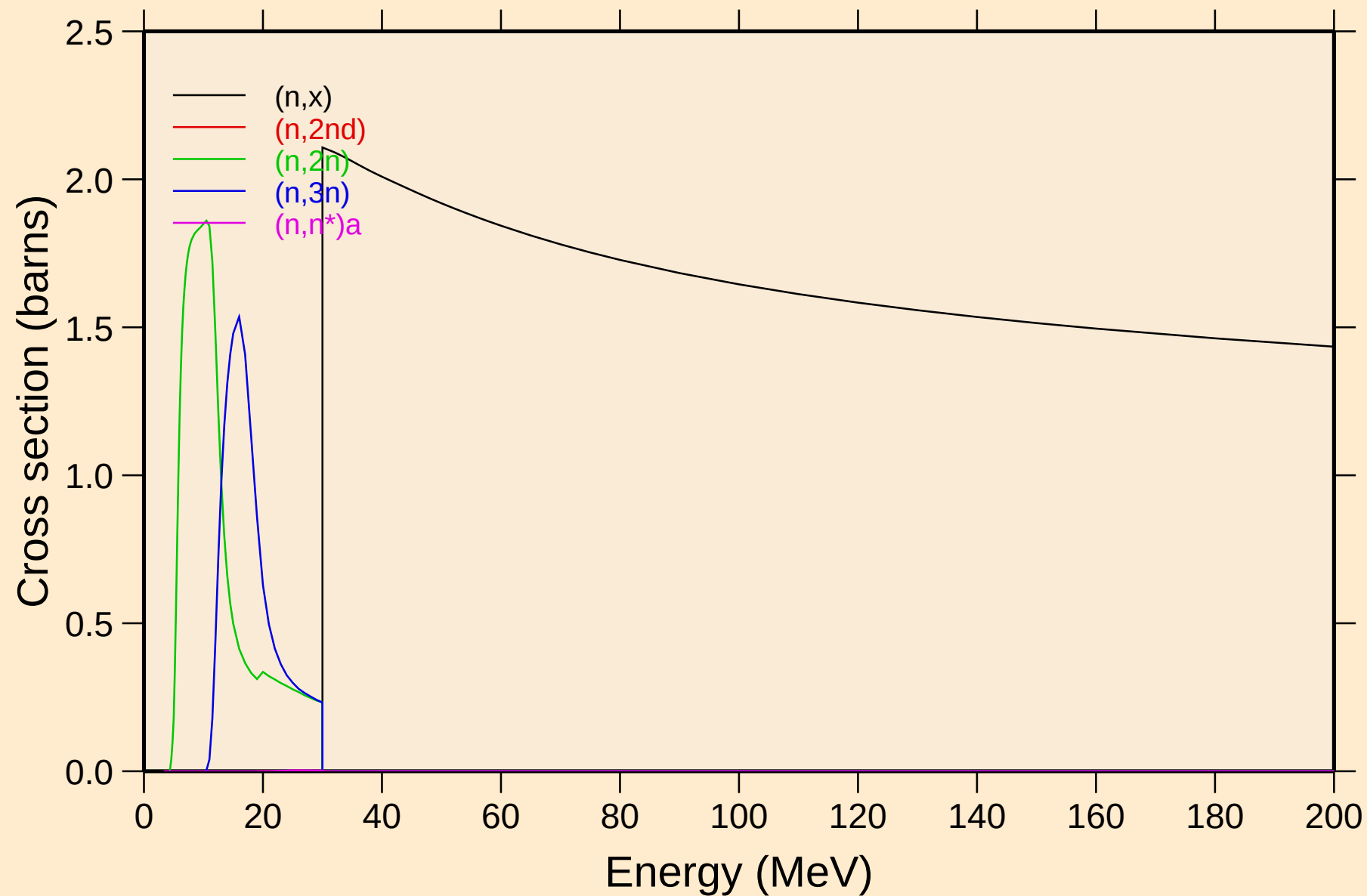


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



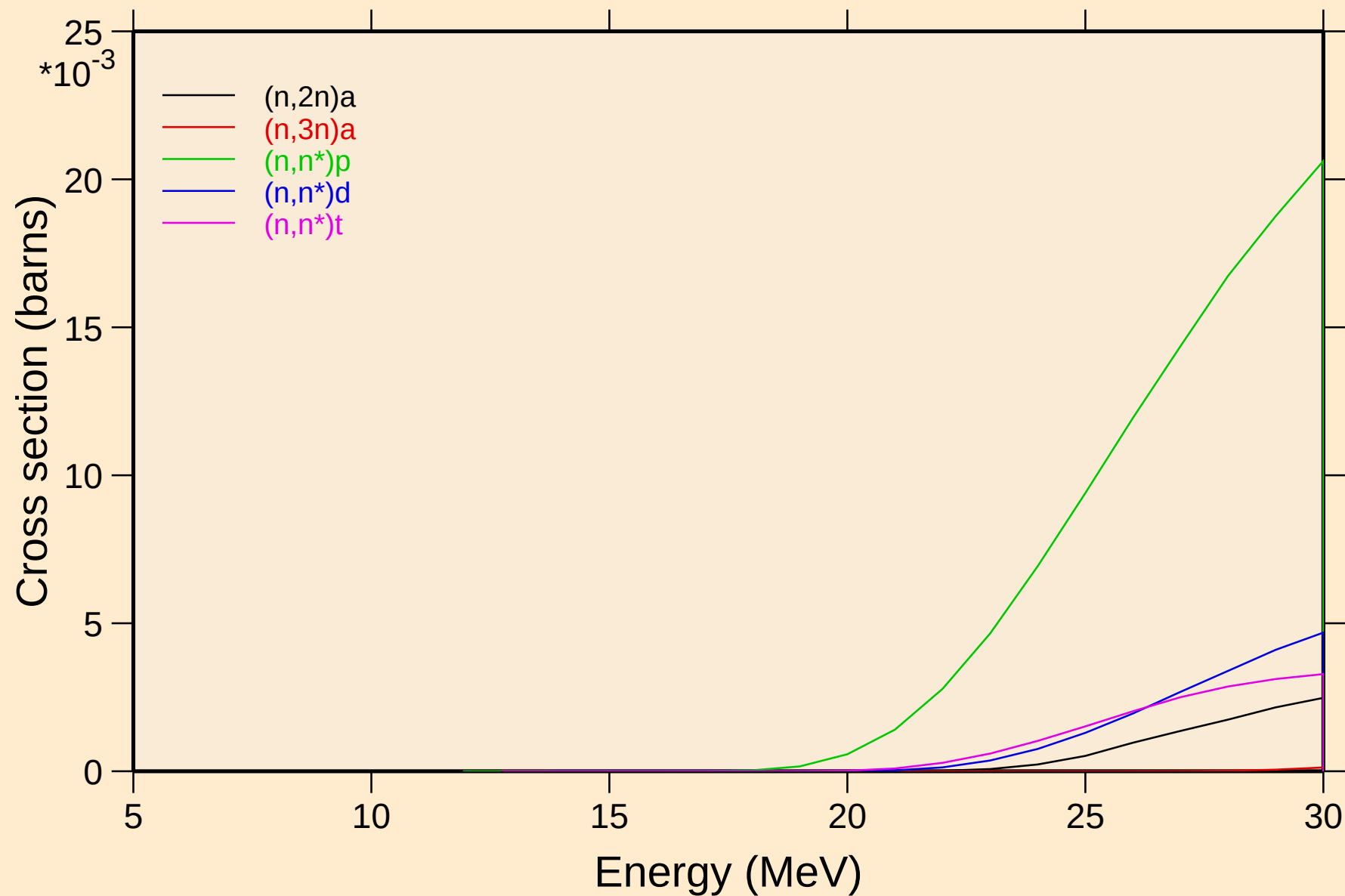
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Threshold reactions

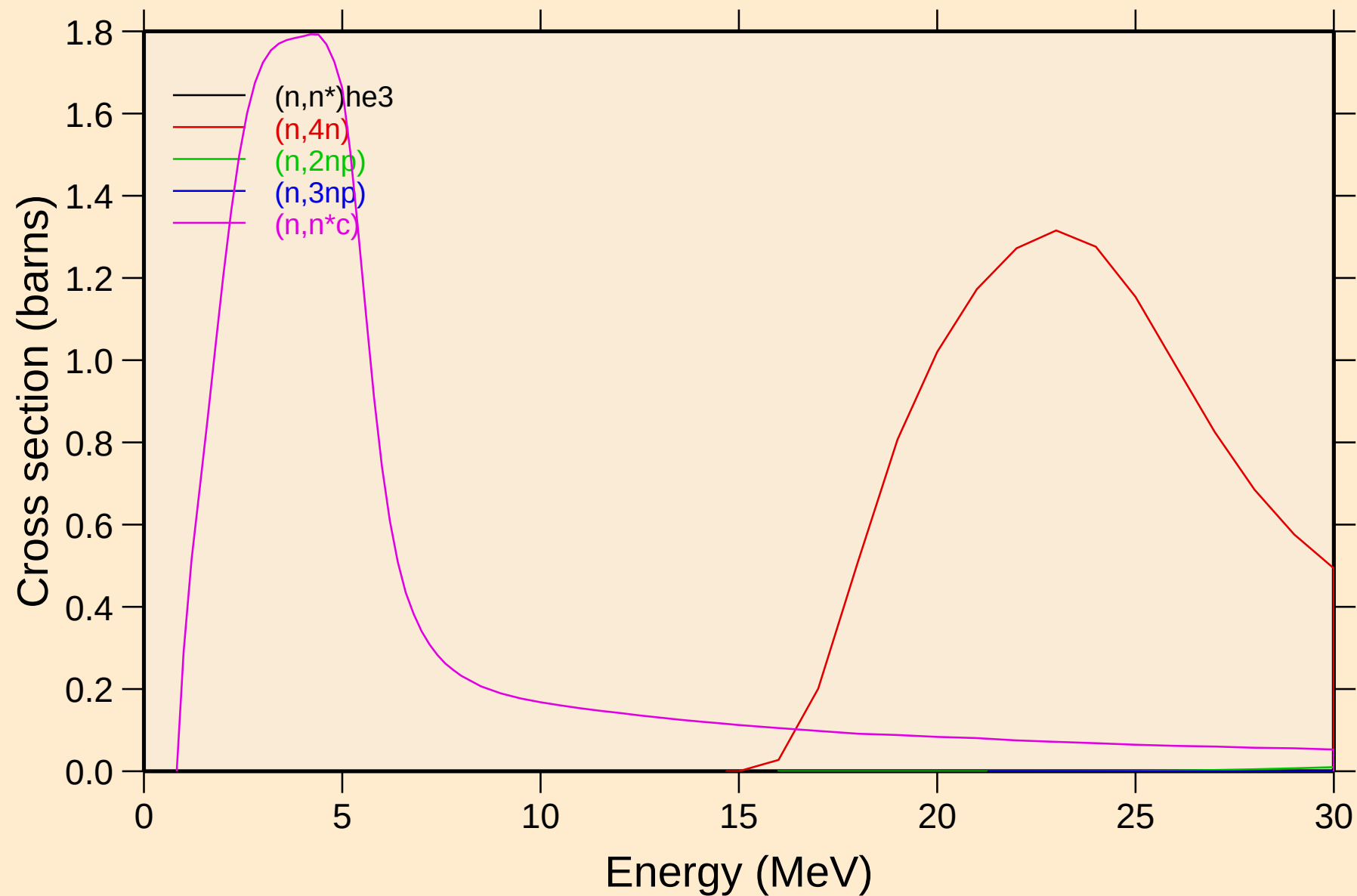


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

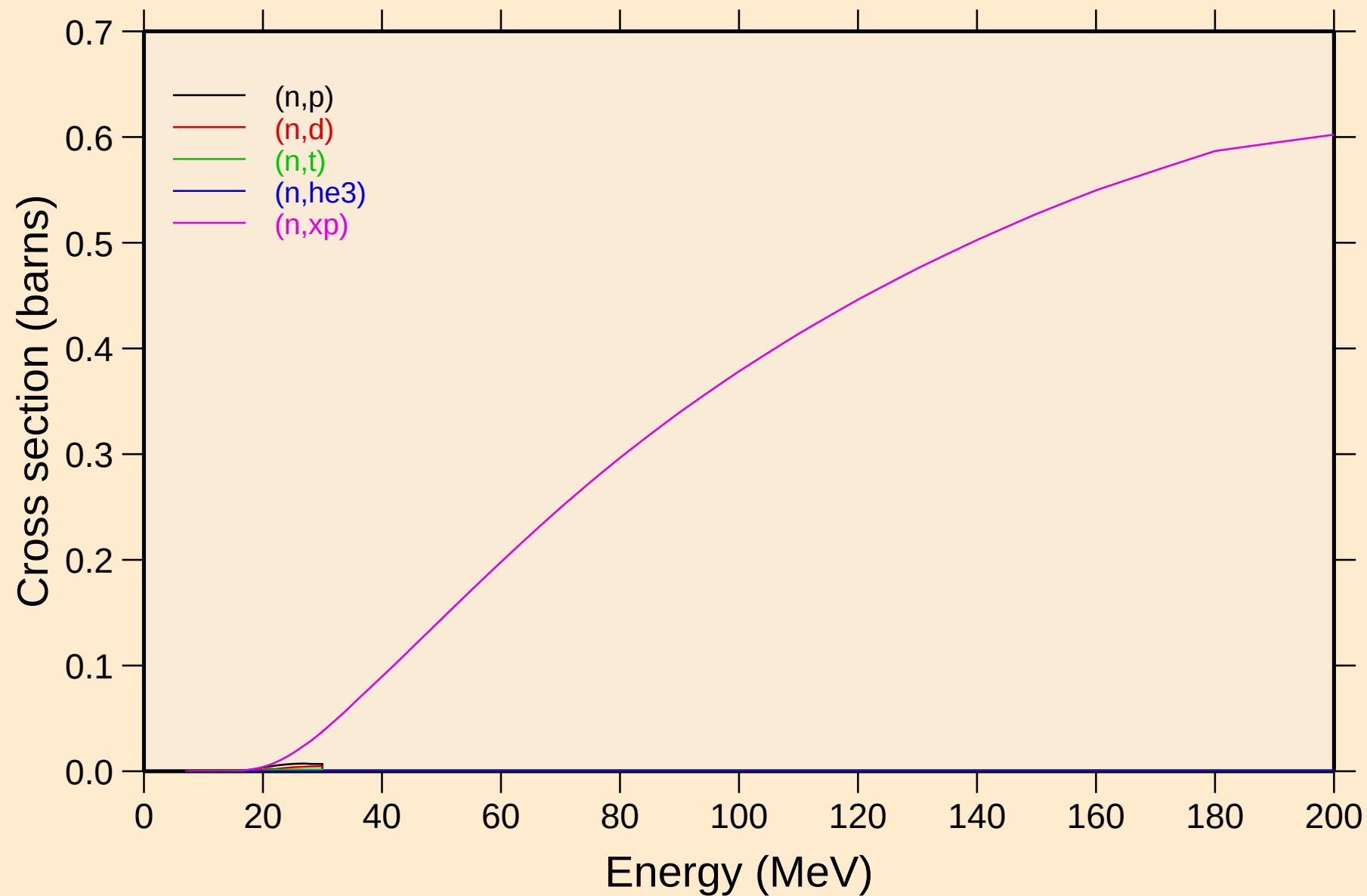


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

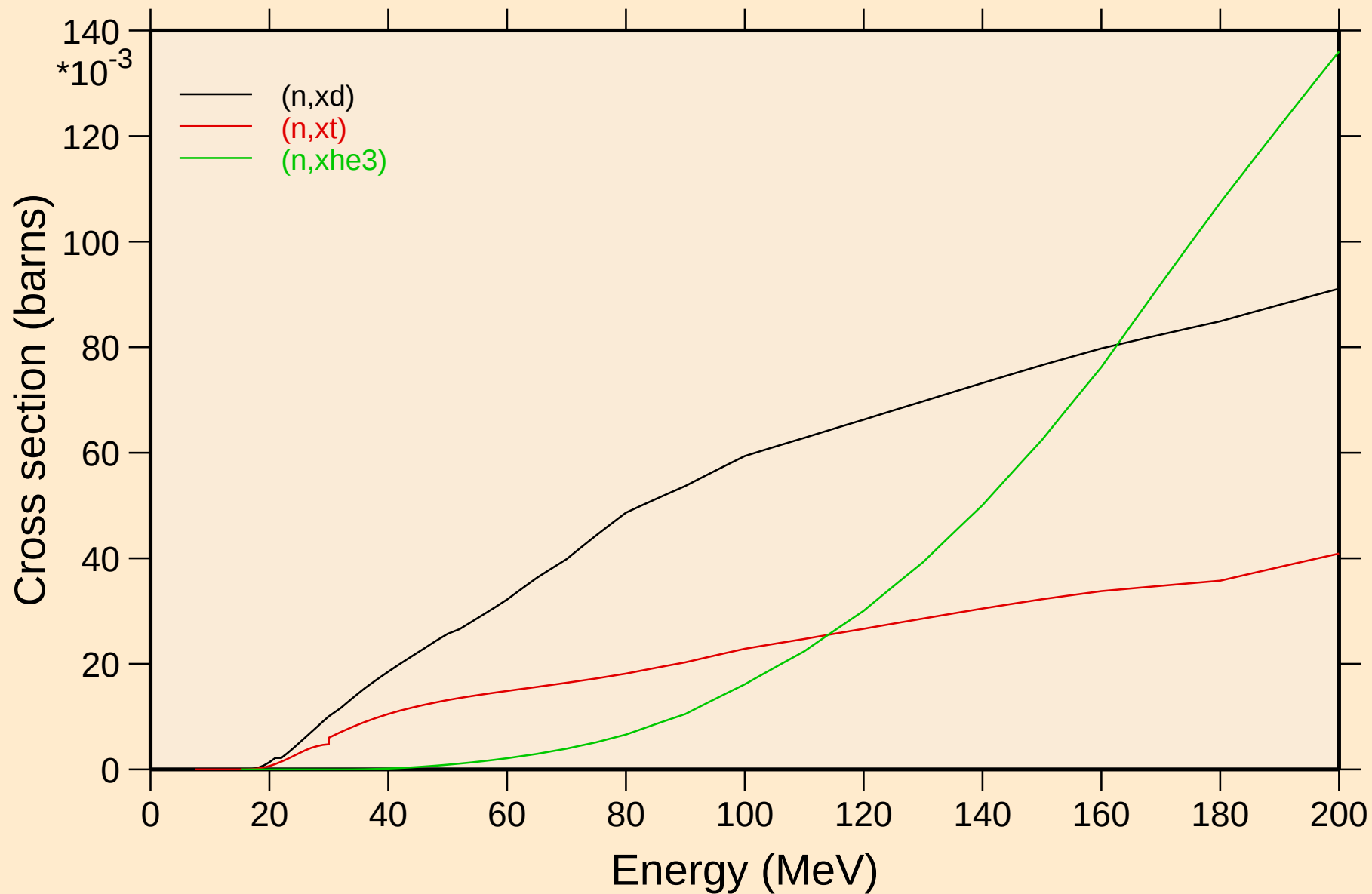


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

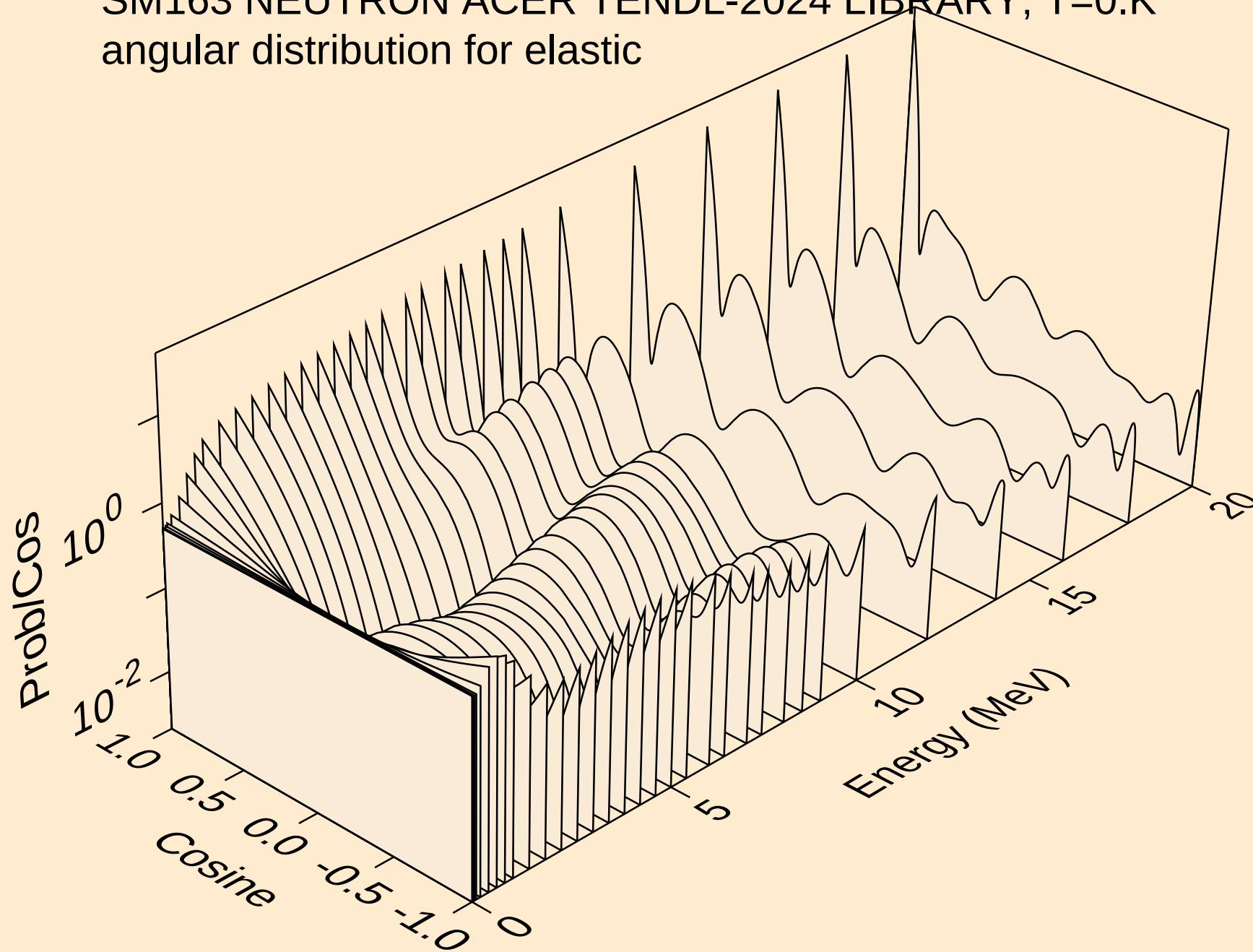
Threshold reactions



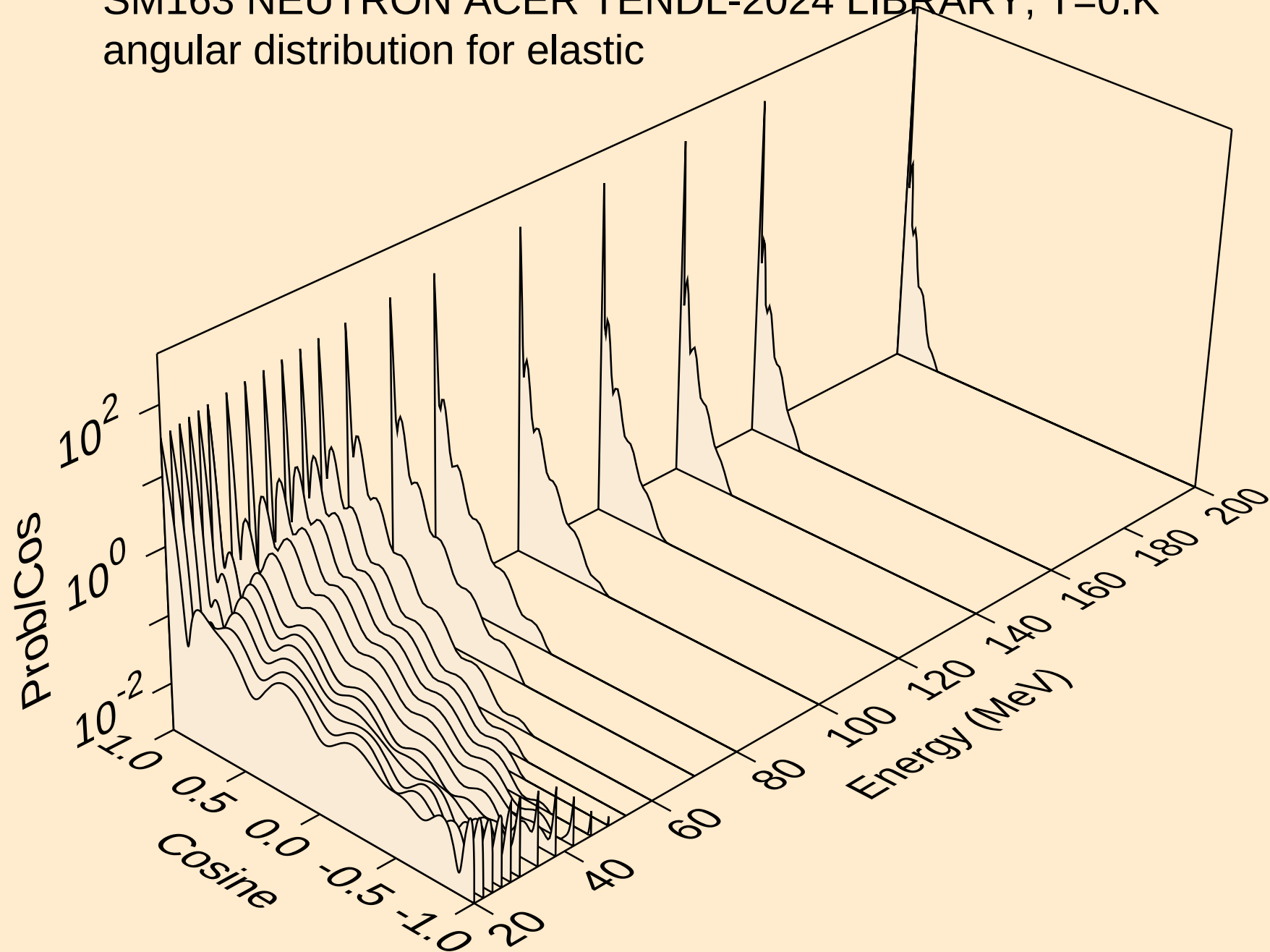
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



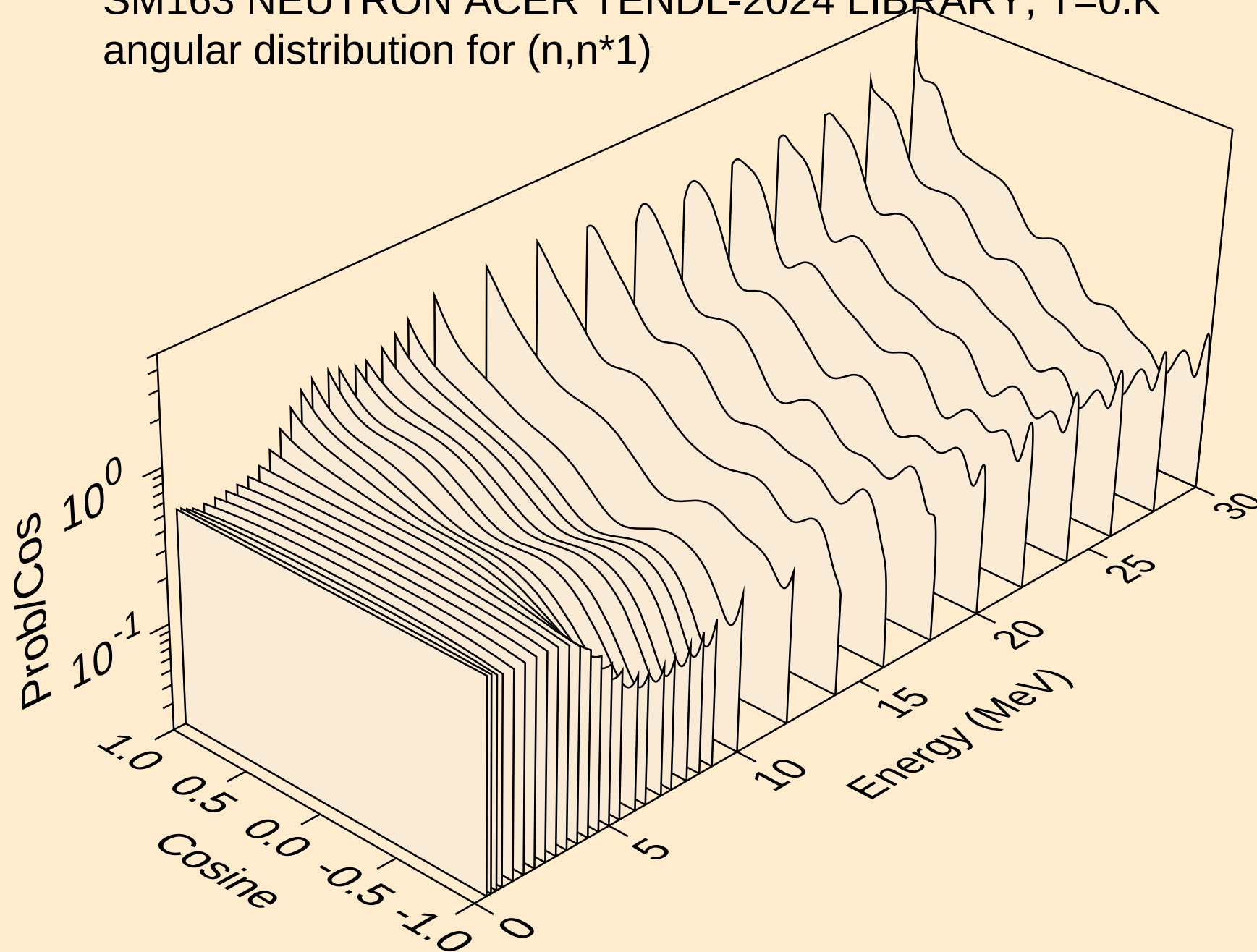
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



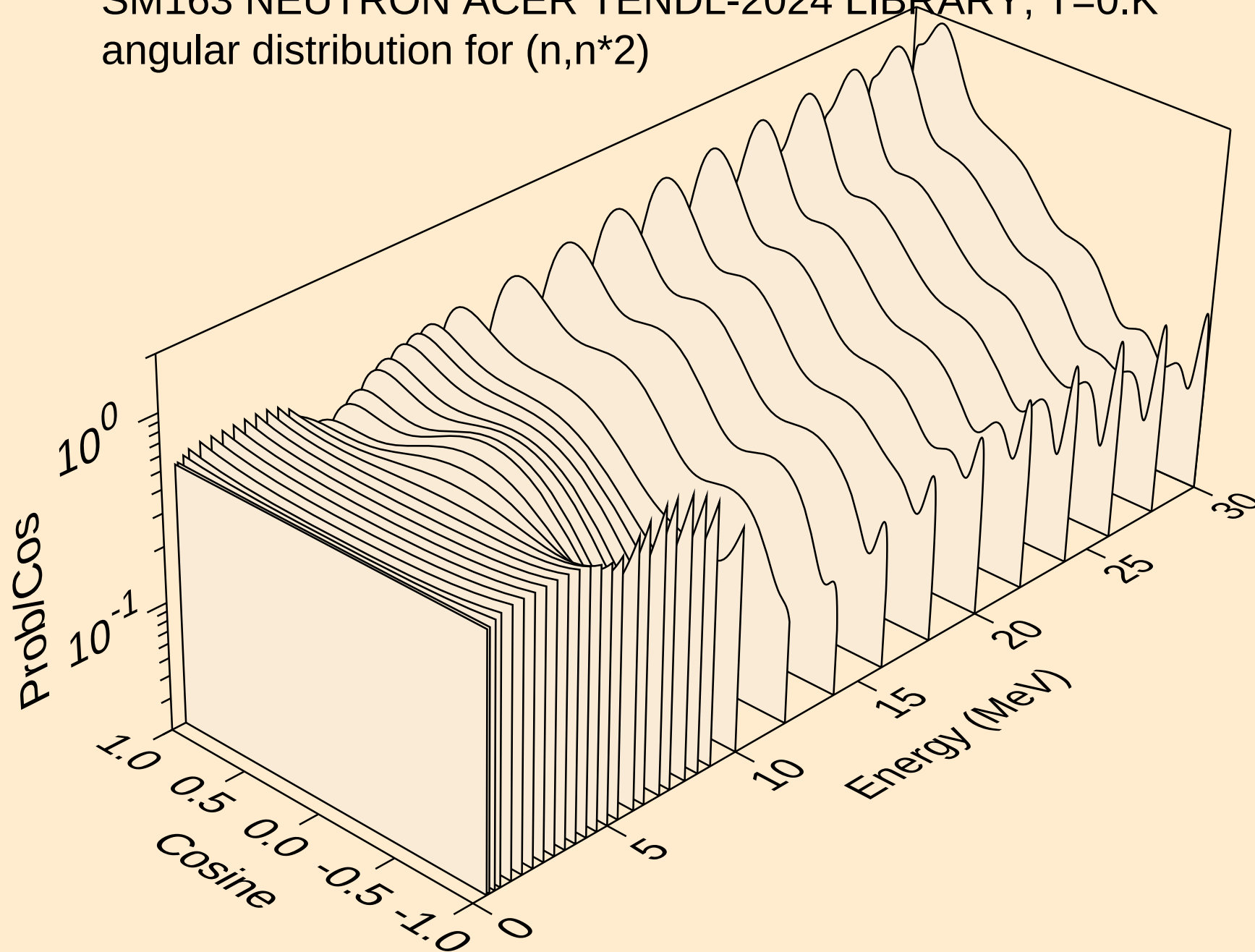
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



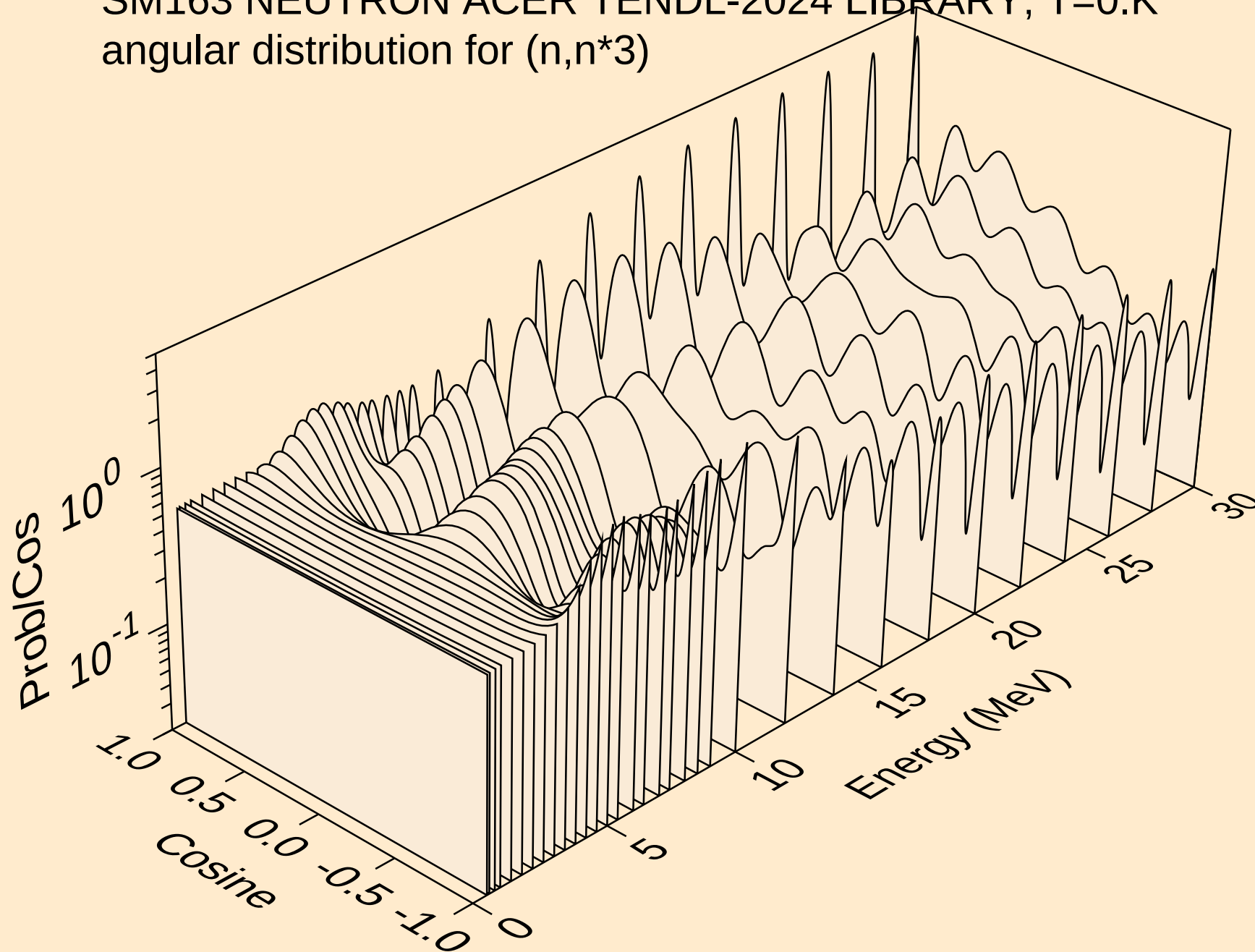
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



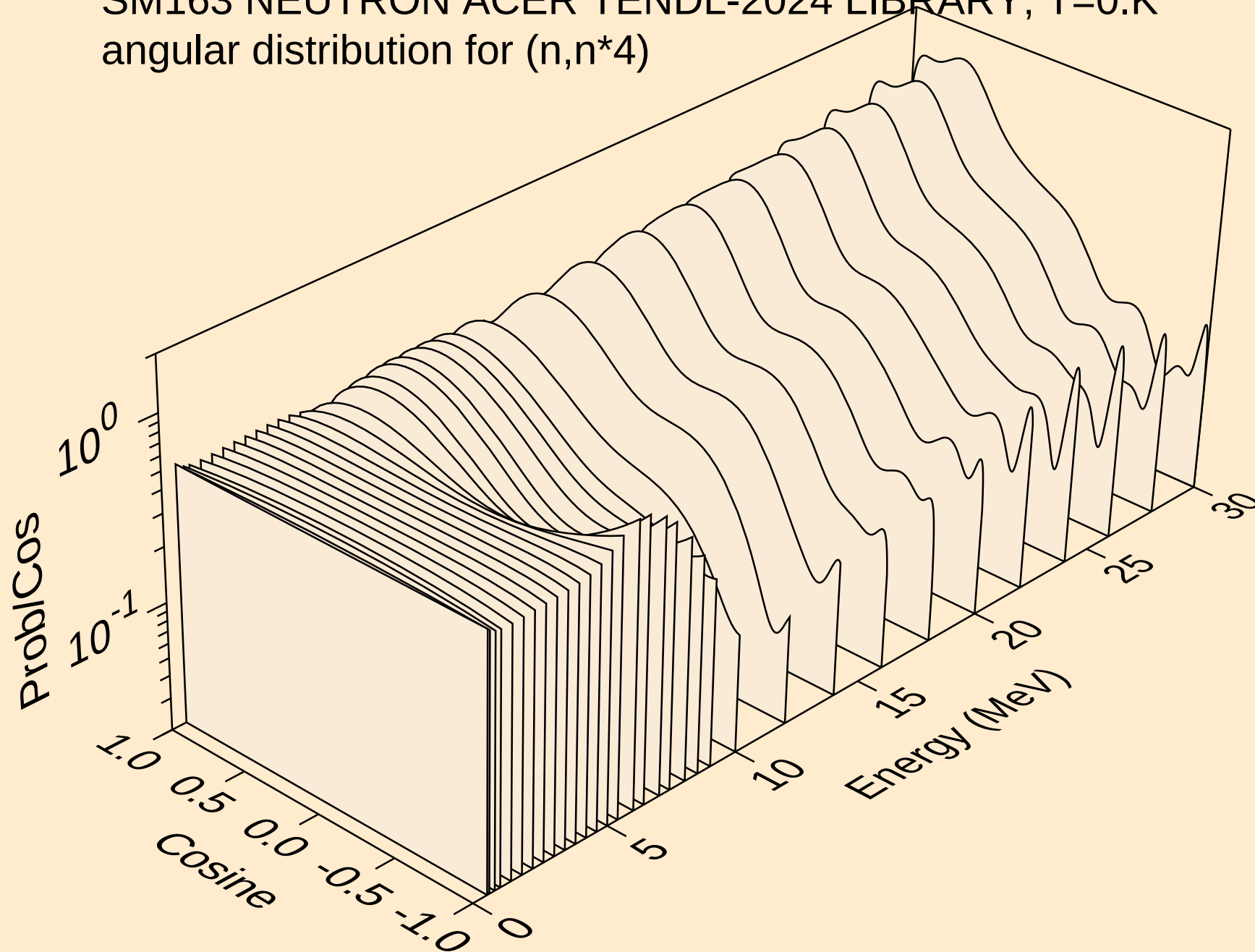
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



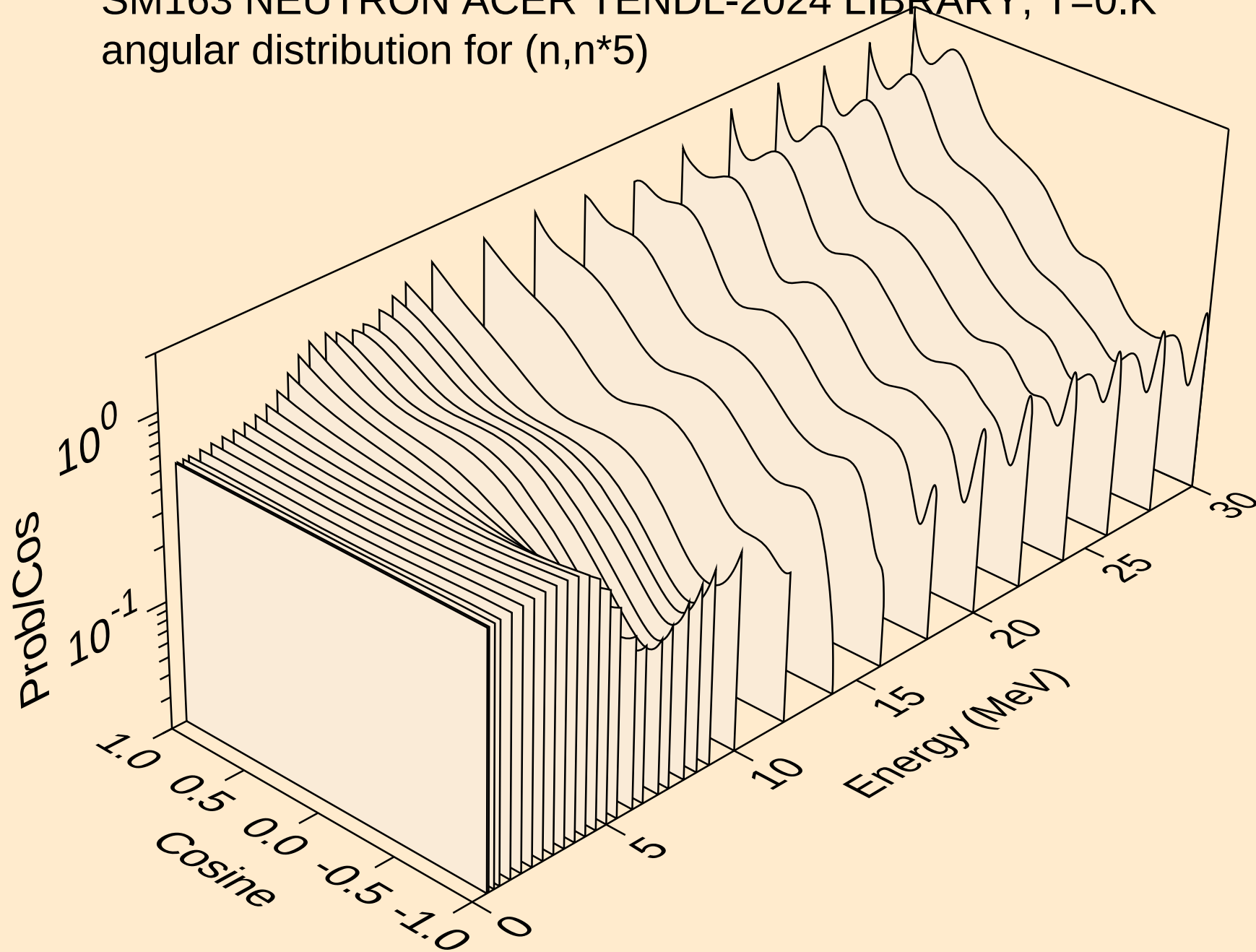
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angular distribution for (n,n*3)



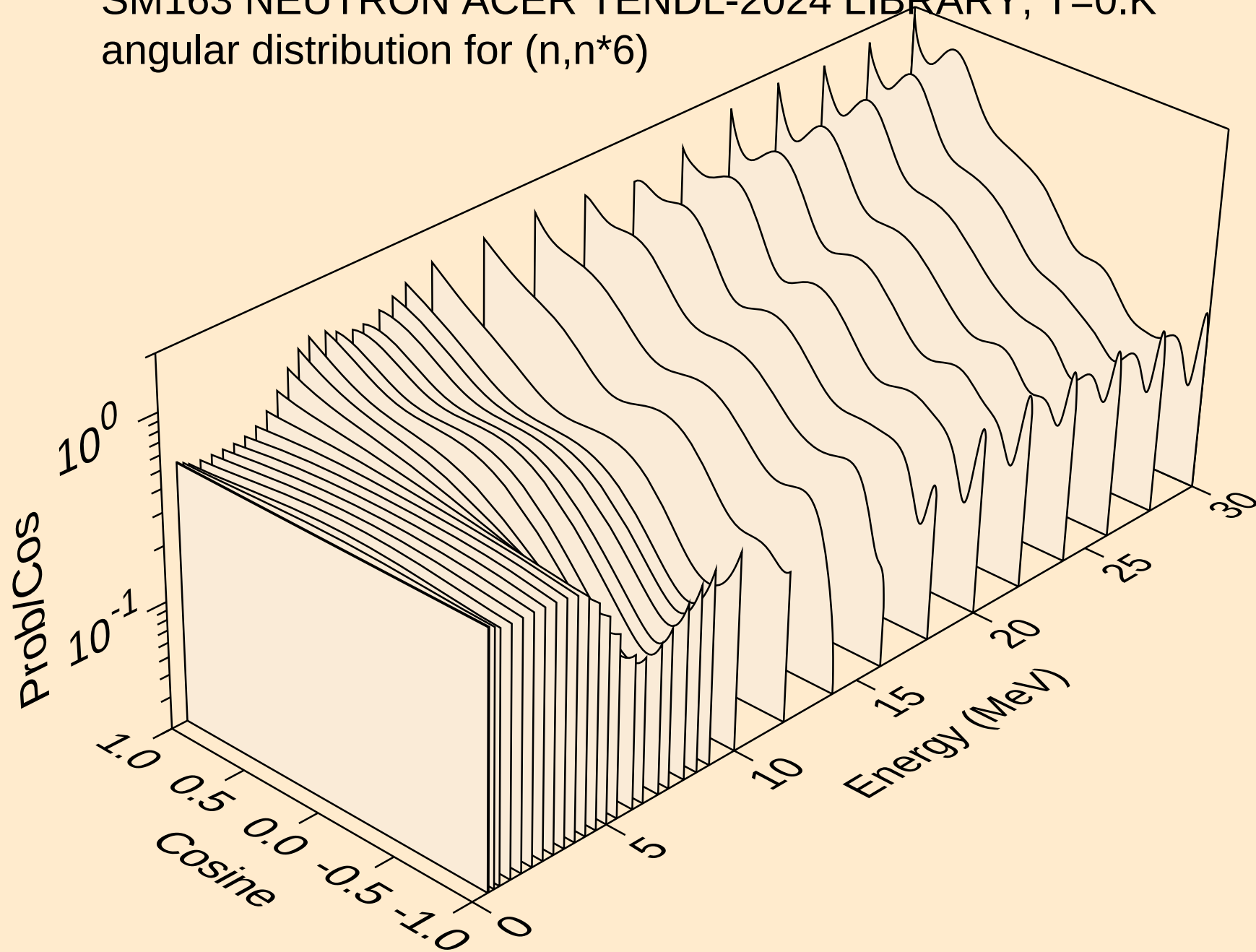
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angular distribution for (n,n*4)



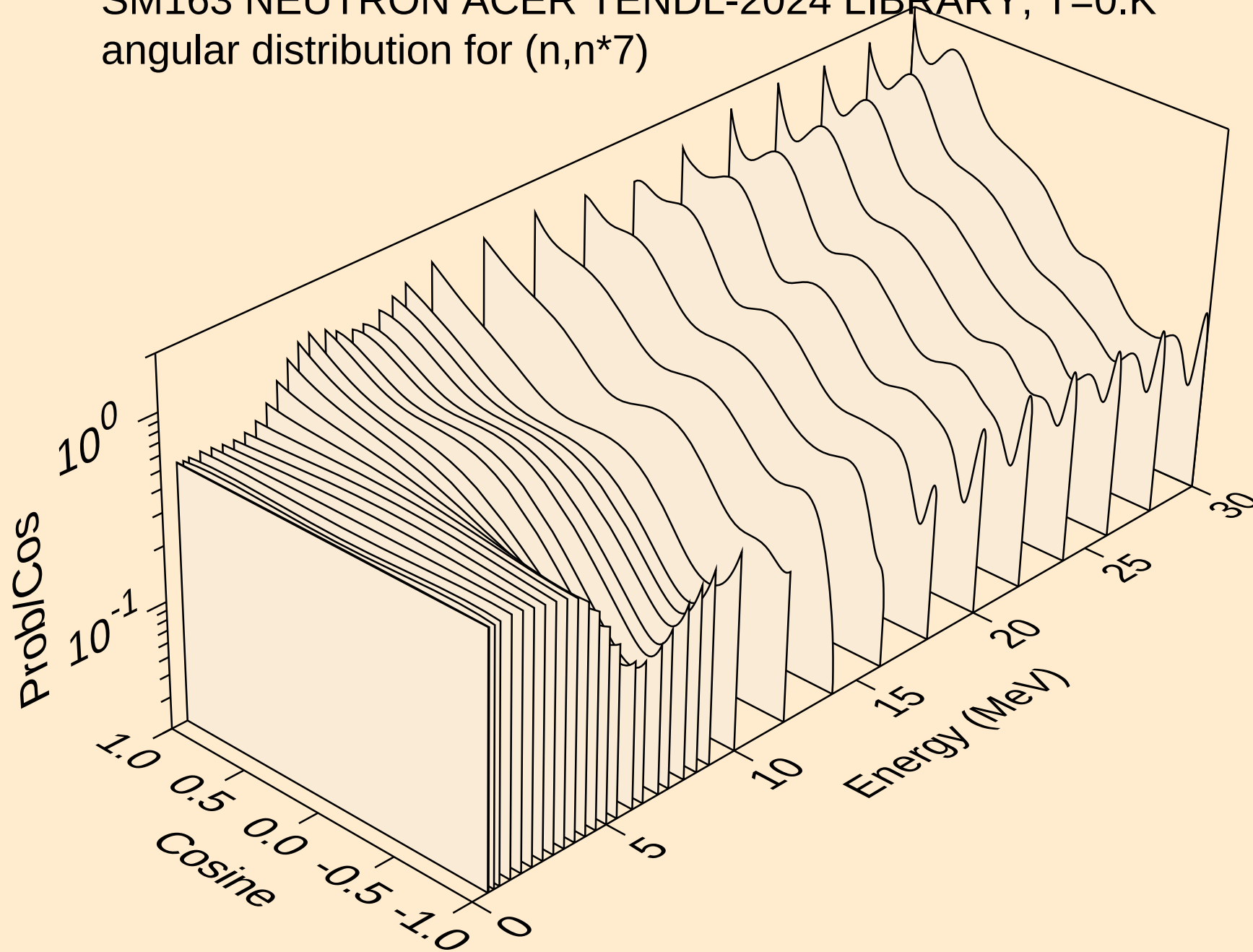
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angular distribution for (n,n*5)



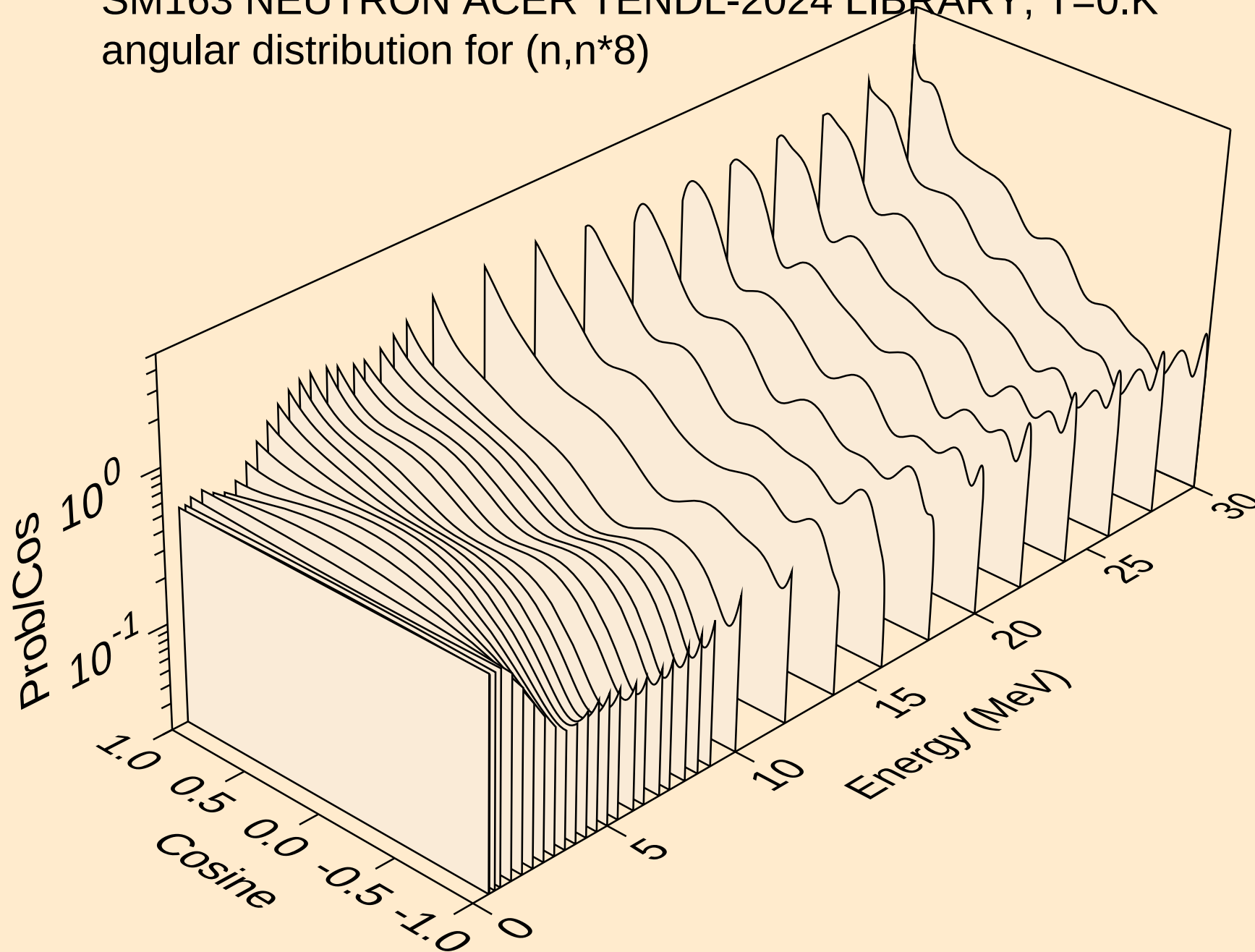
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angular distribution for (n,n*6)



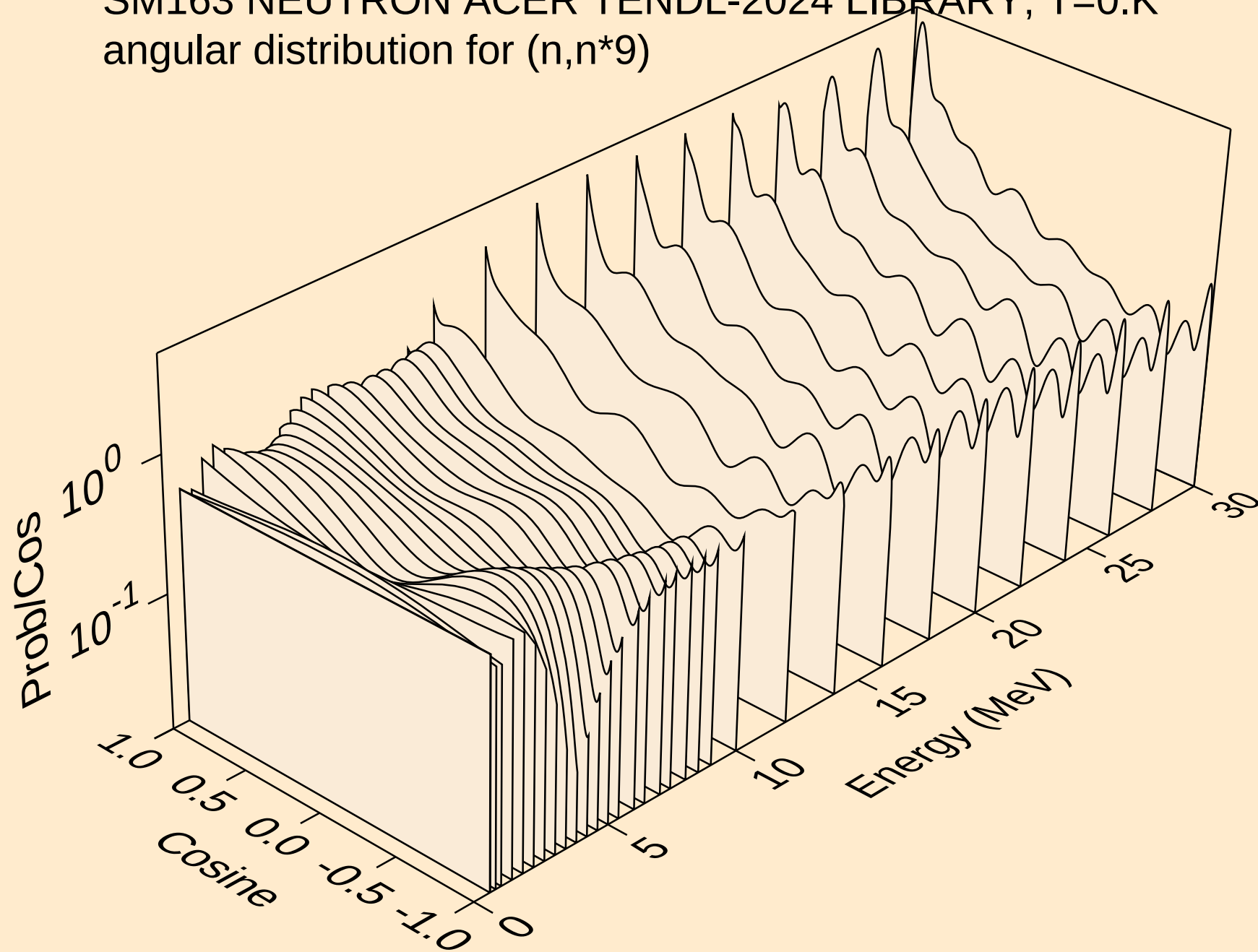
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angular distribution for (n,n*7)



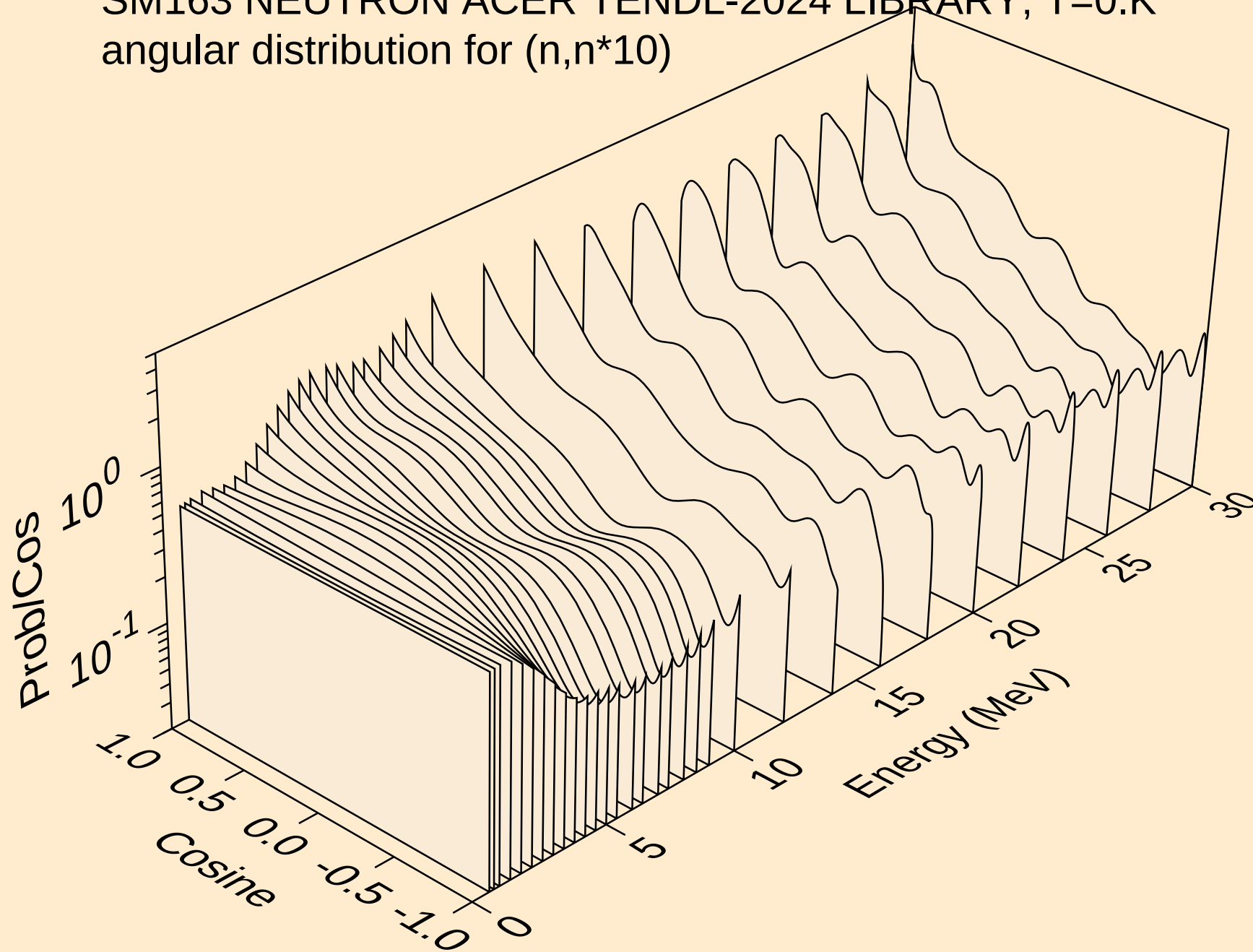
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angular distribution for (n,n*8)



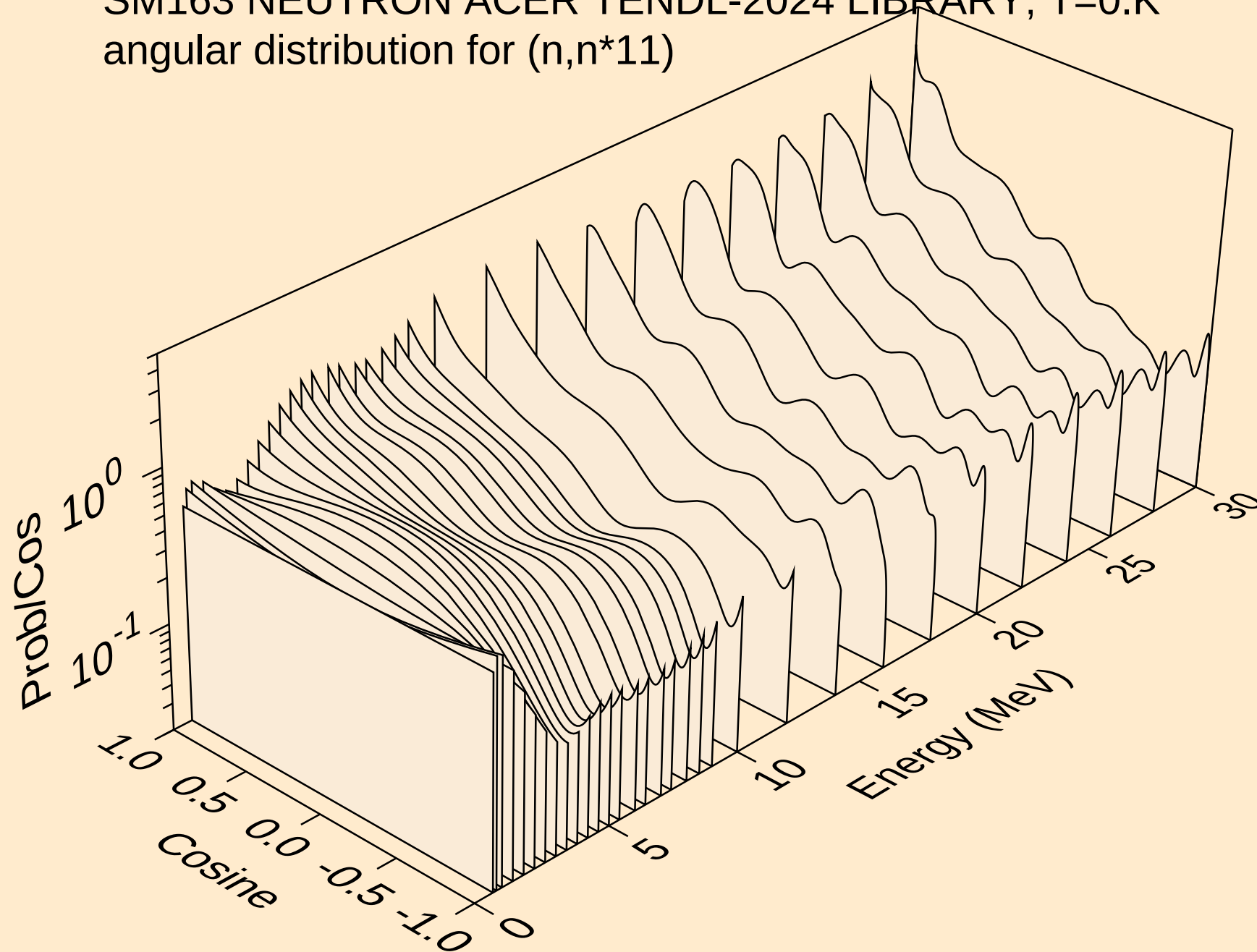
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angular distribution for (n,n*9)



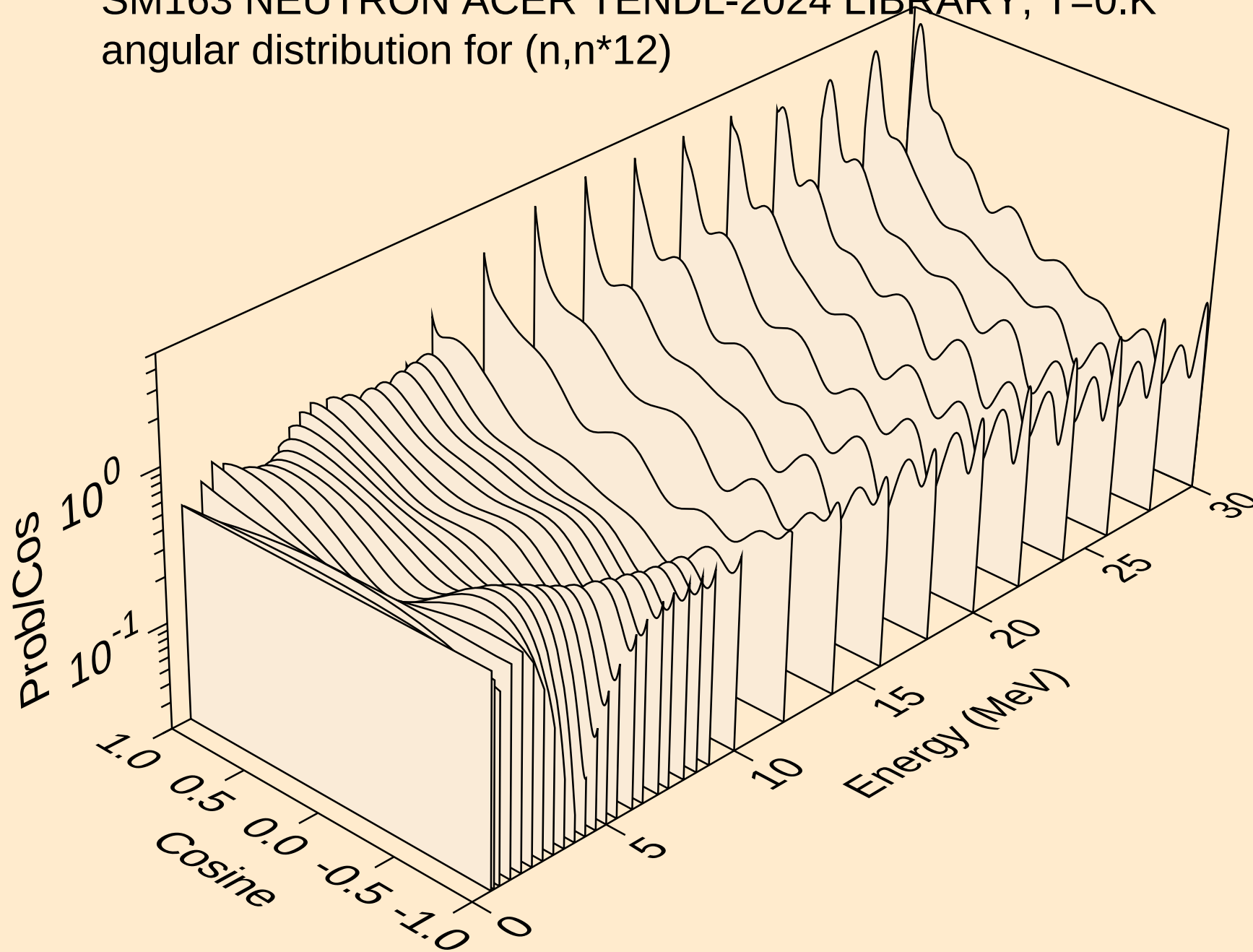
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angular distribution for (n,n*10)



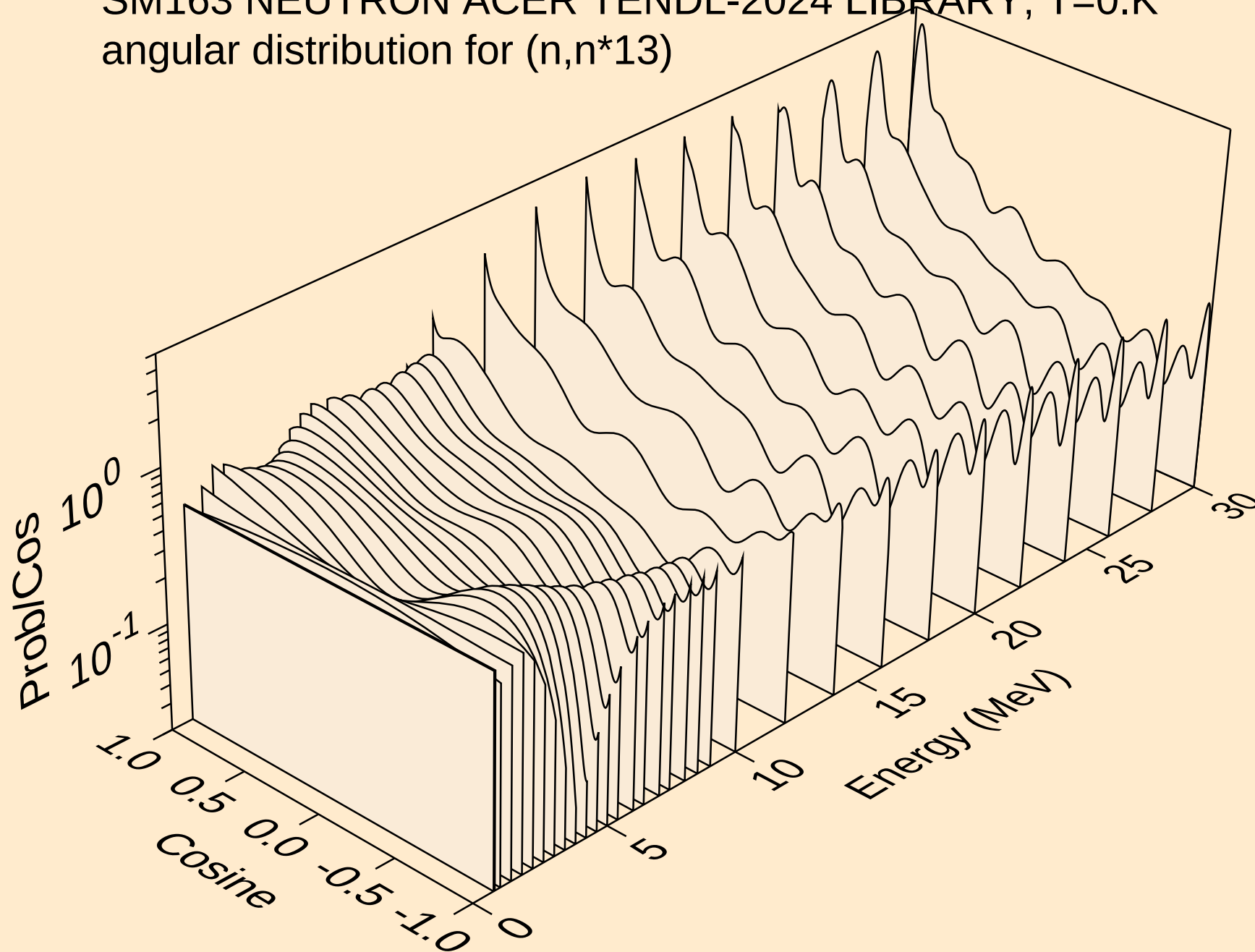
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angular distribution for (n,n*11)



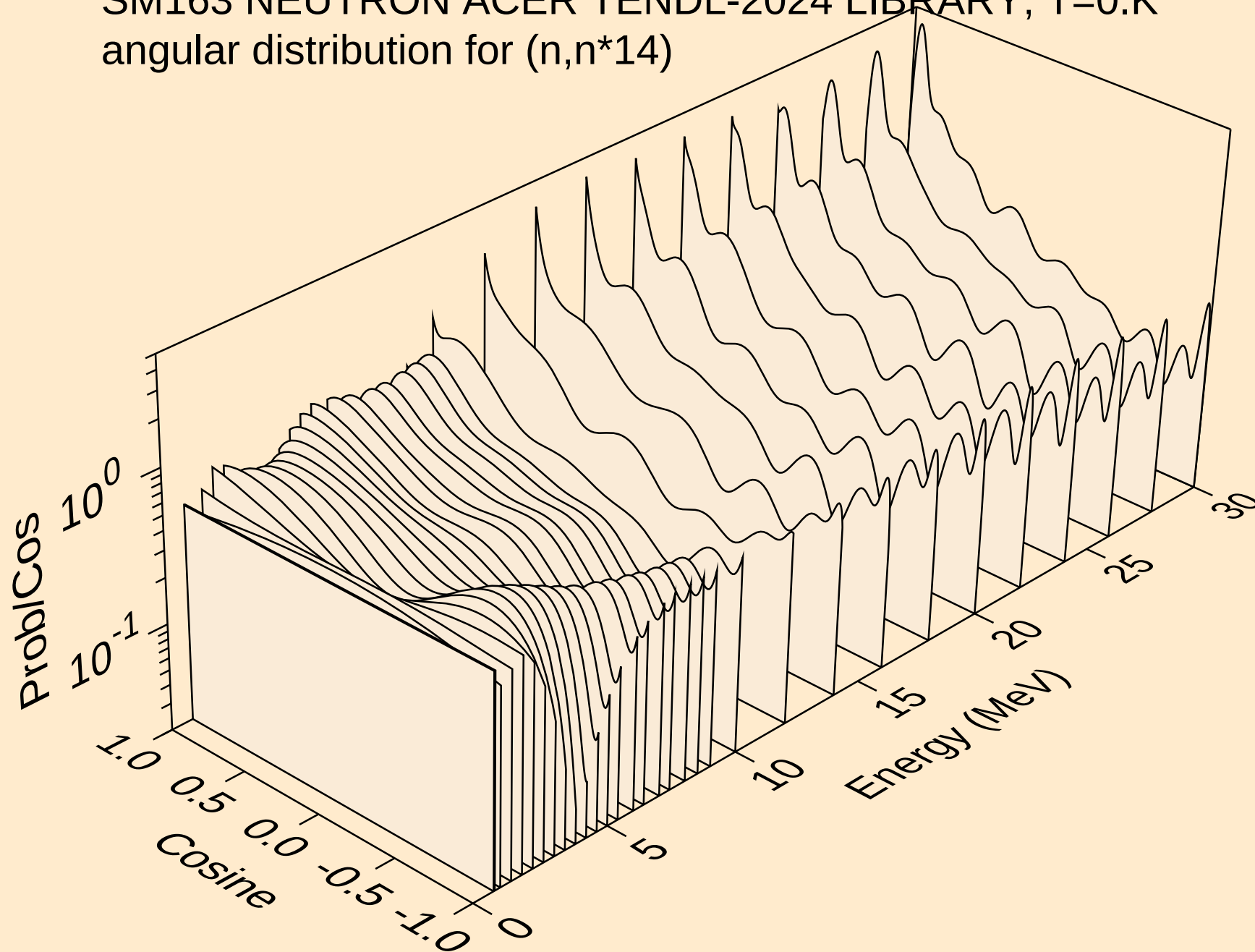
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angular distribution for (n,n*12)



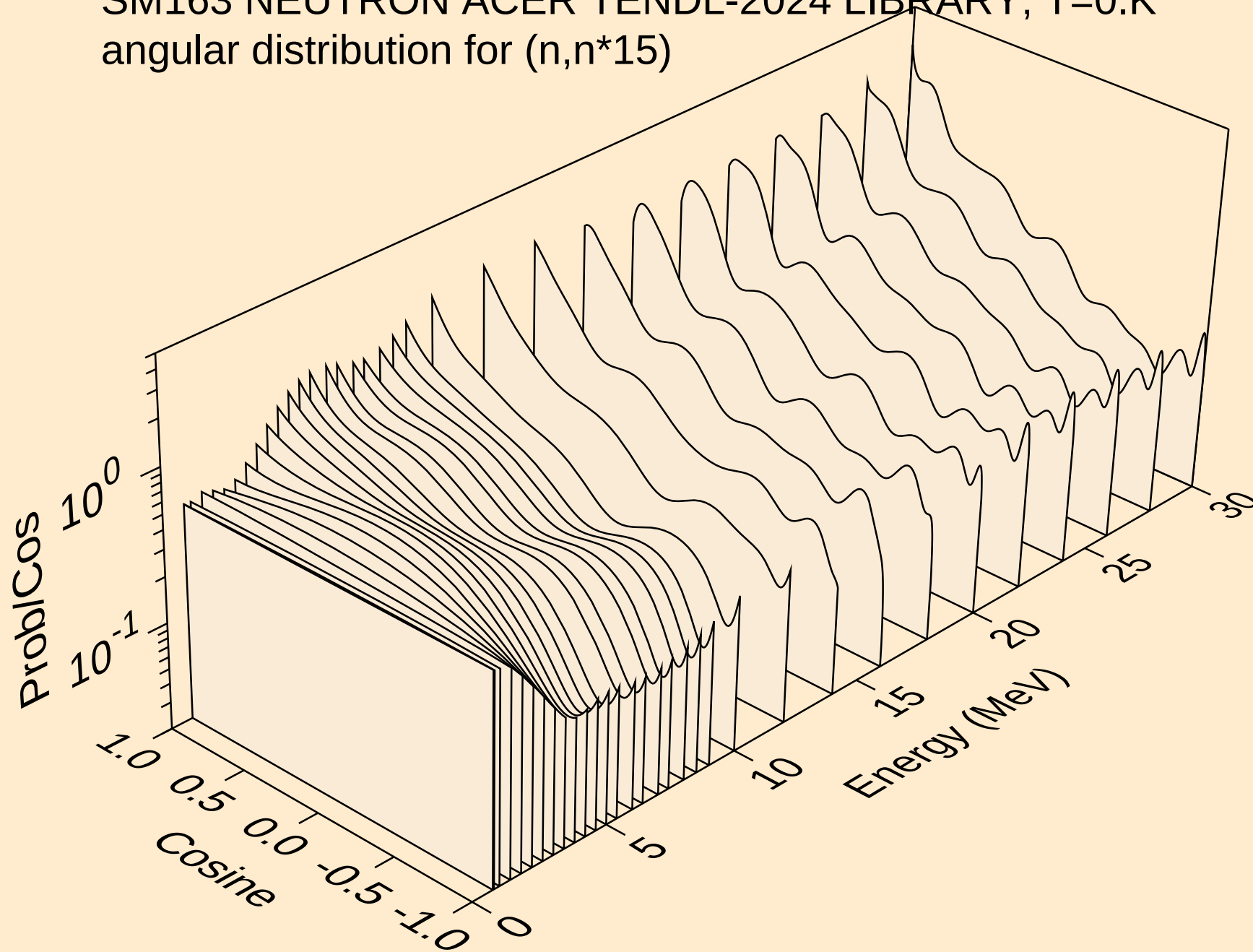
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*13)



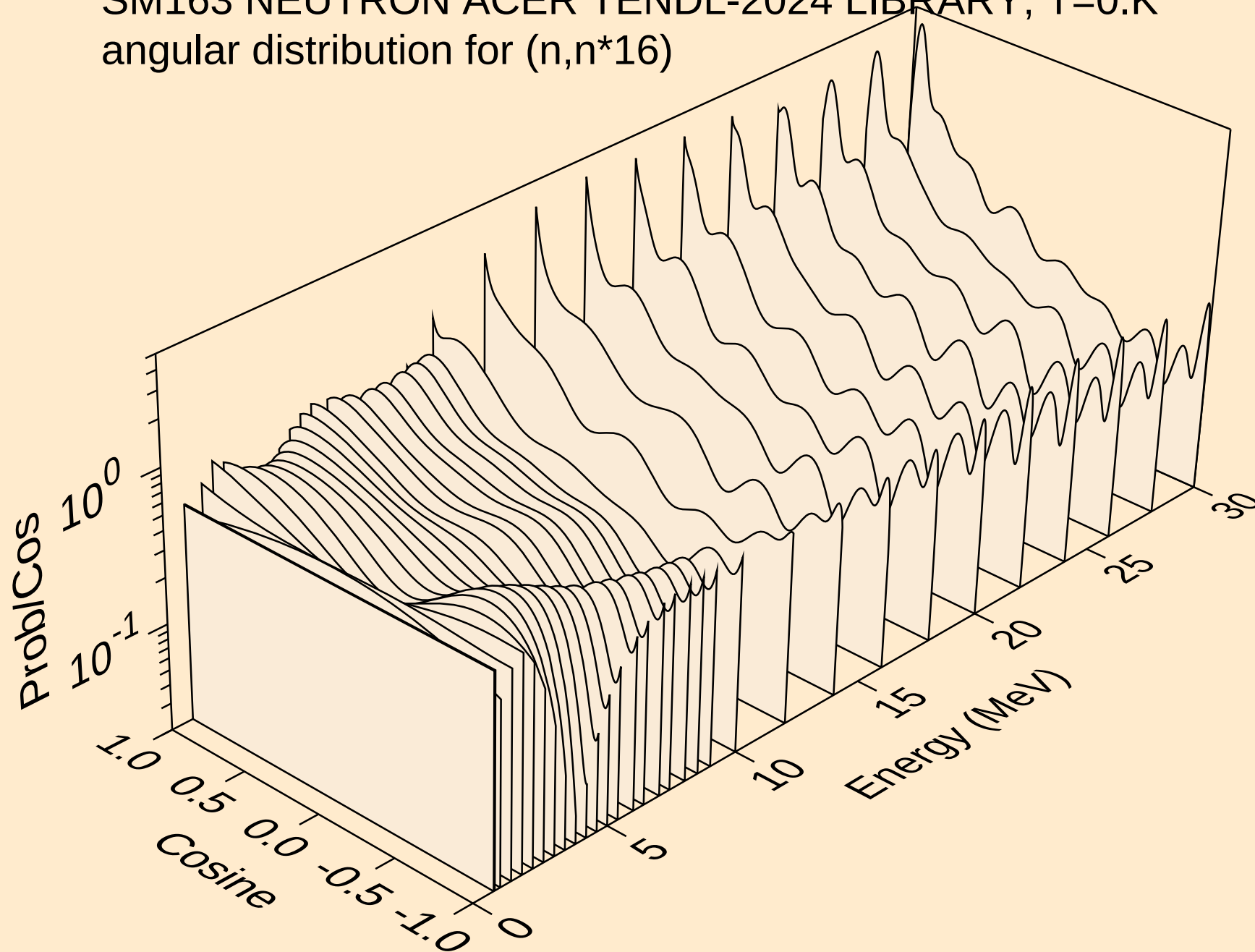
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angular distribution for (n,n*14)



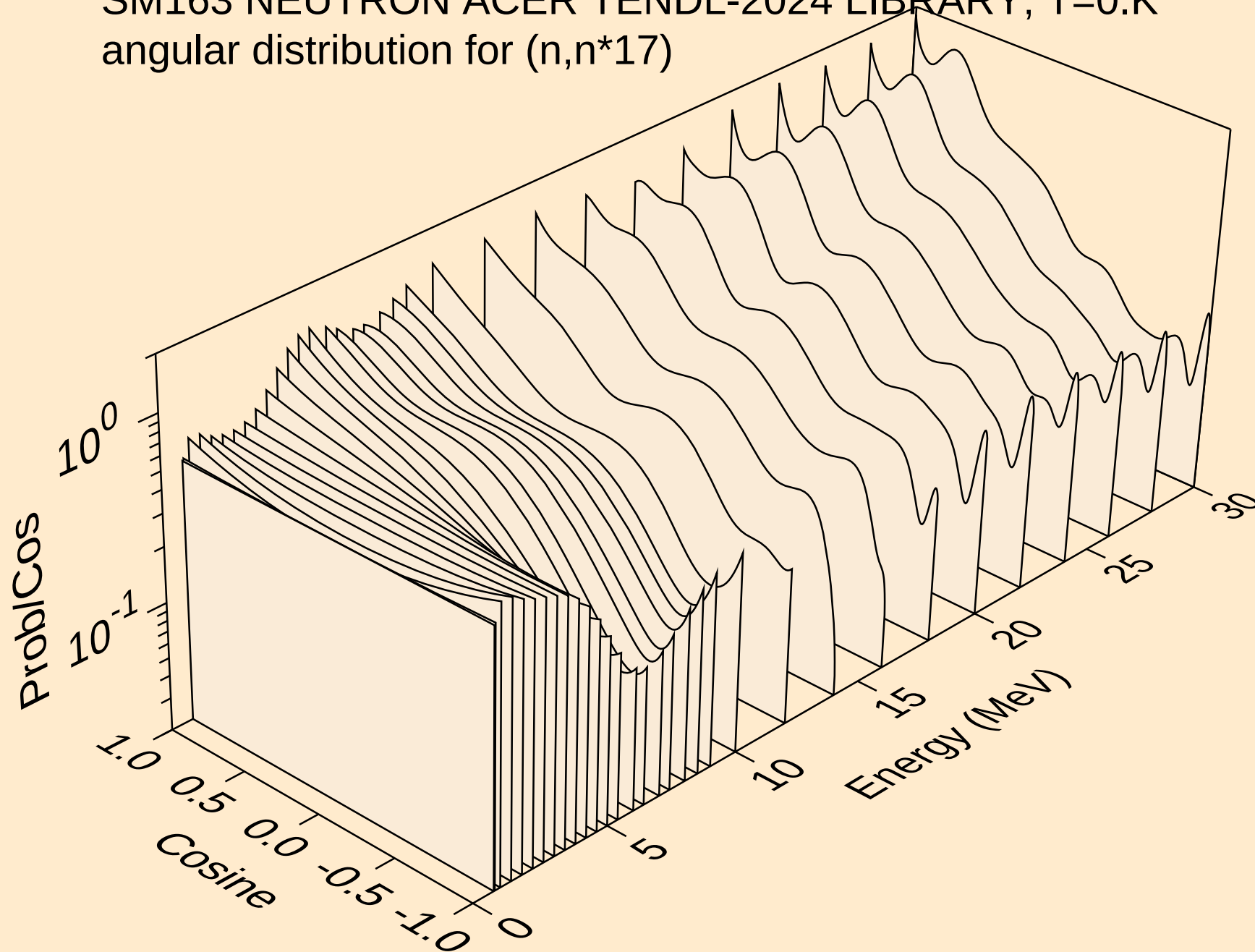
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angular distribution for (n,n*15)



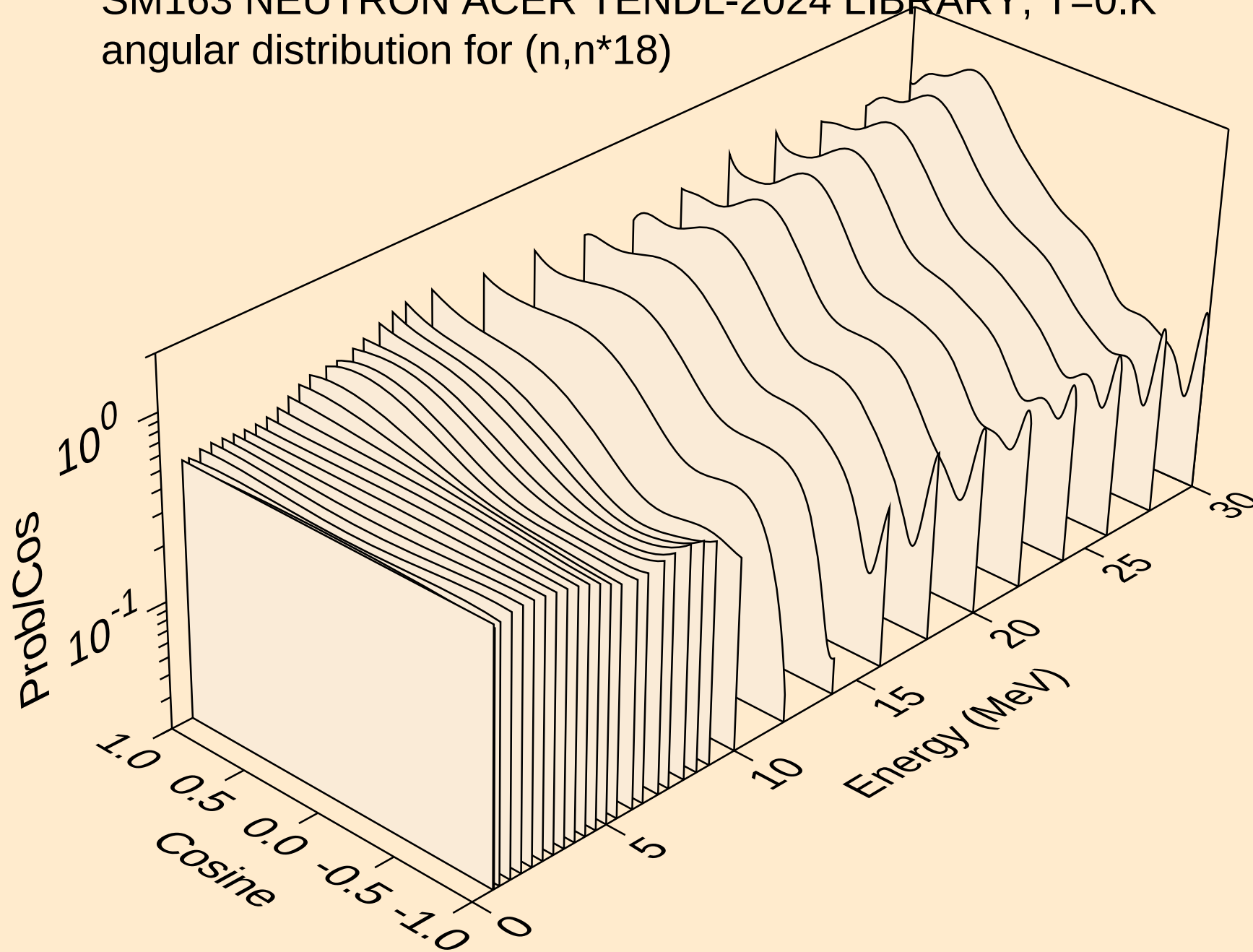
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angular distribution for (n,n*16)



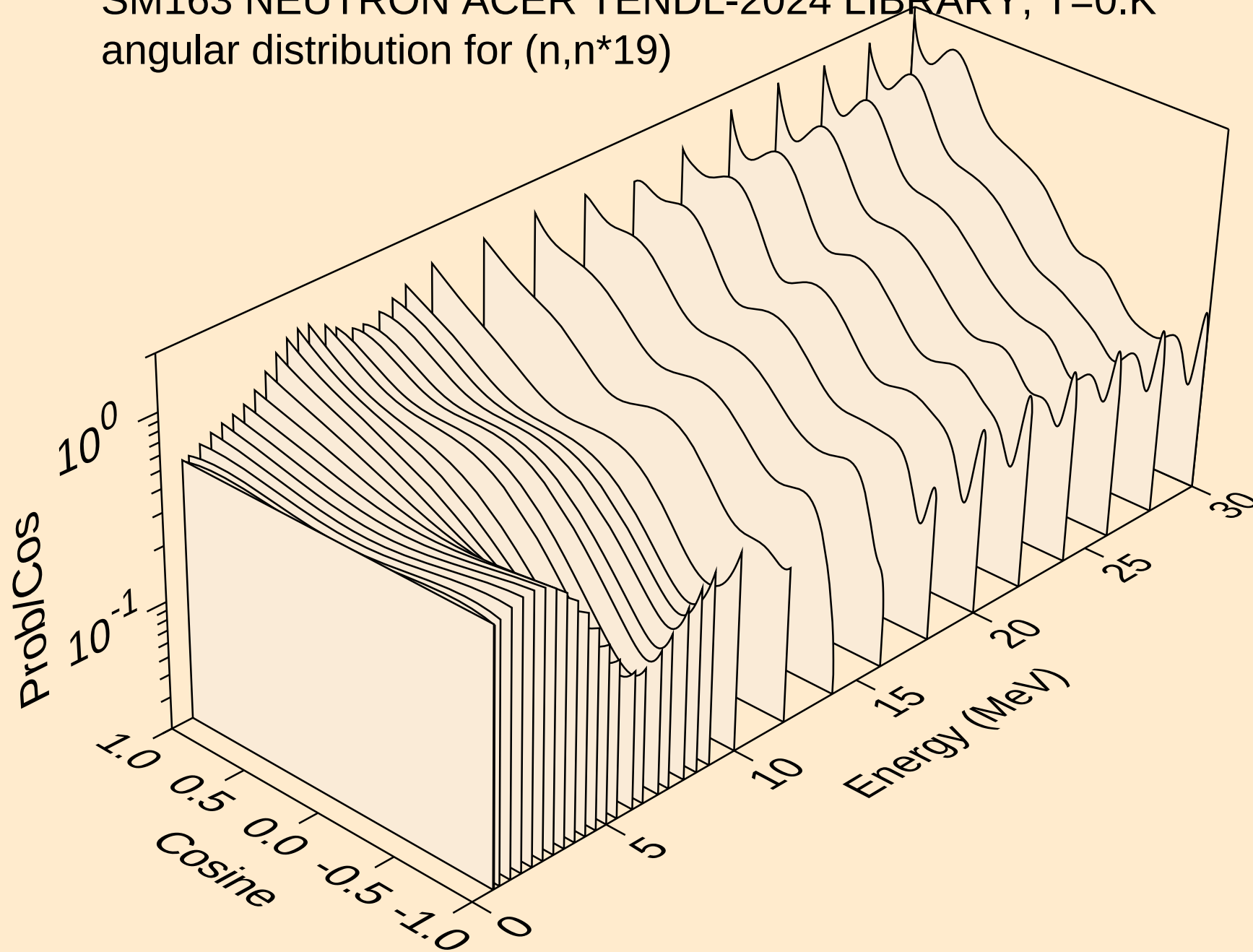
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angular distribution for (n,n*17)



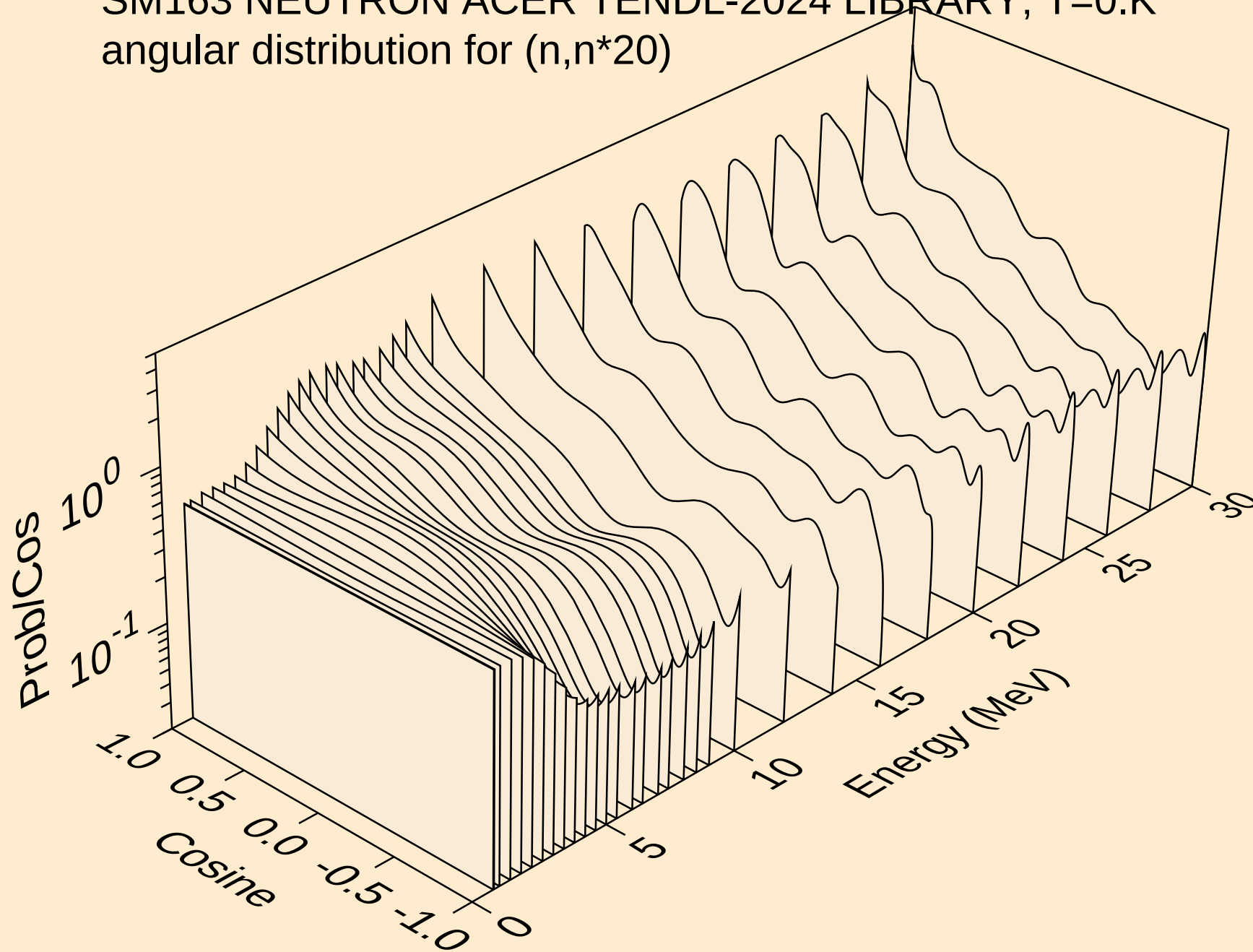
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angular distribution for (n,n*18)



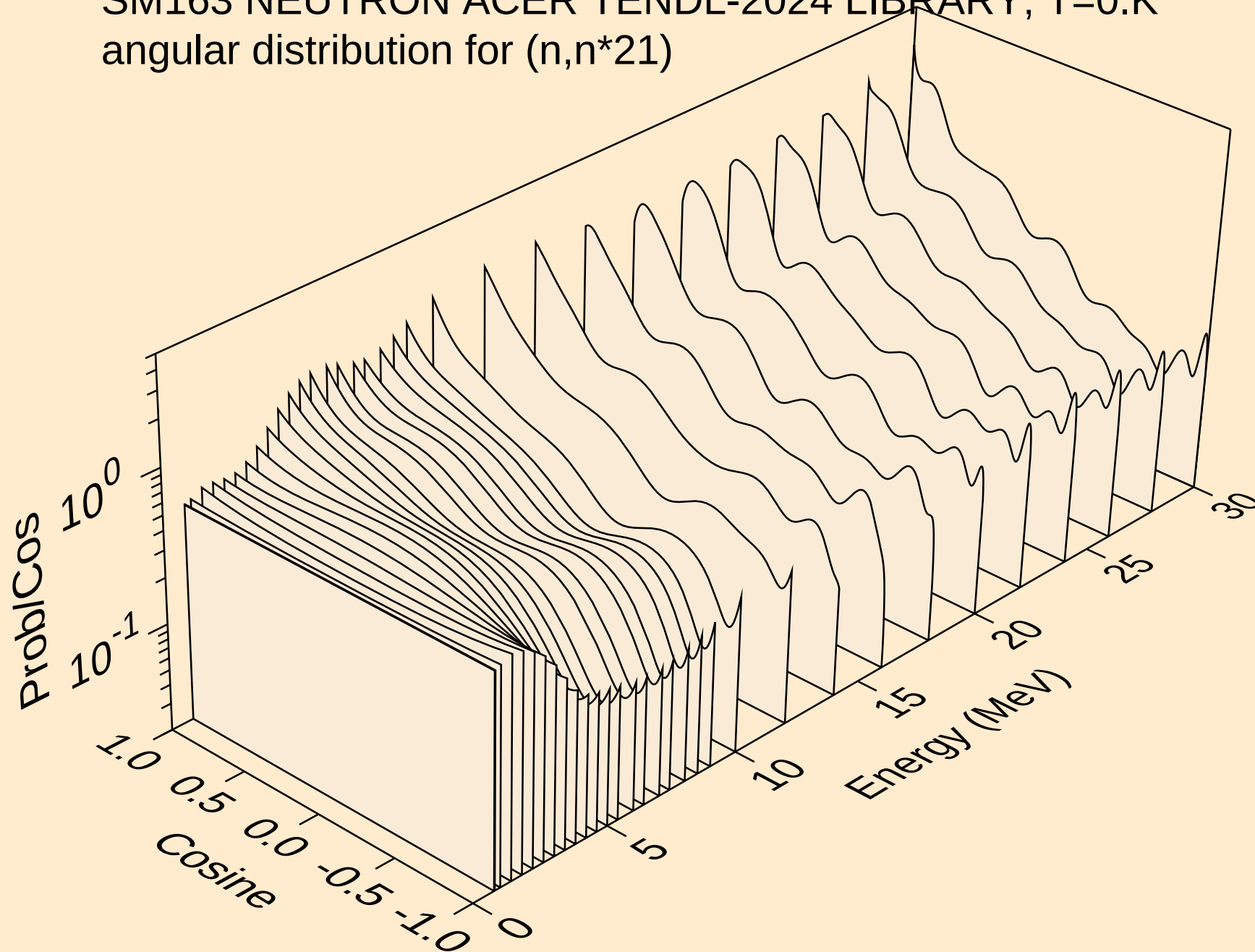
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angular distribution for (n,n*19)



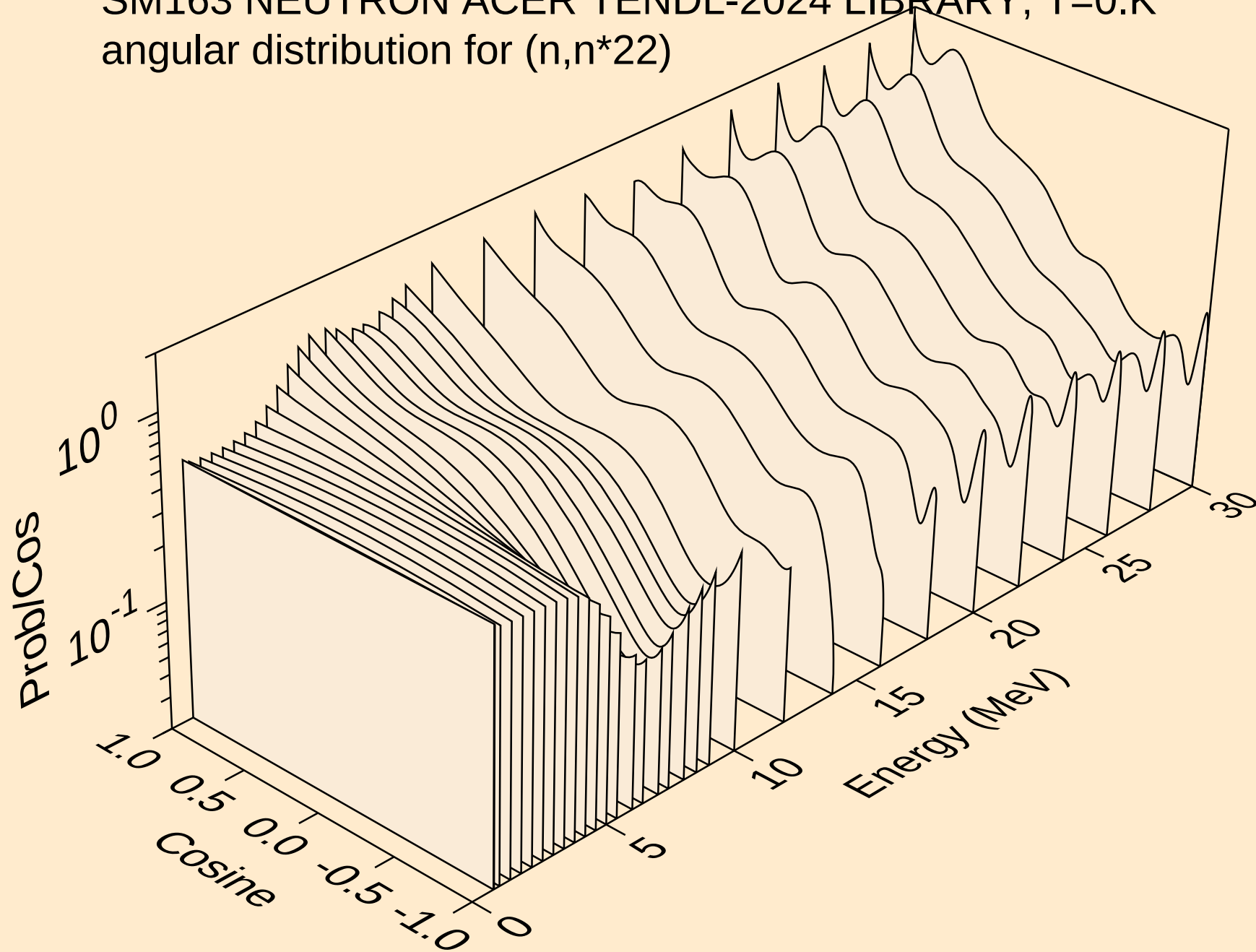
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angular distribution for (n,n*20)



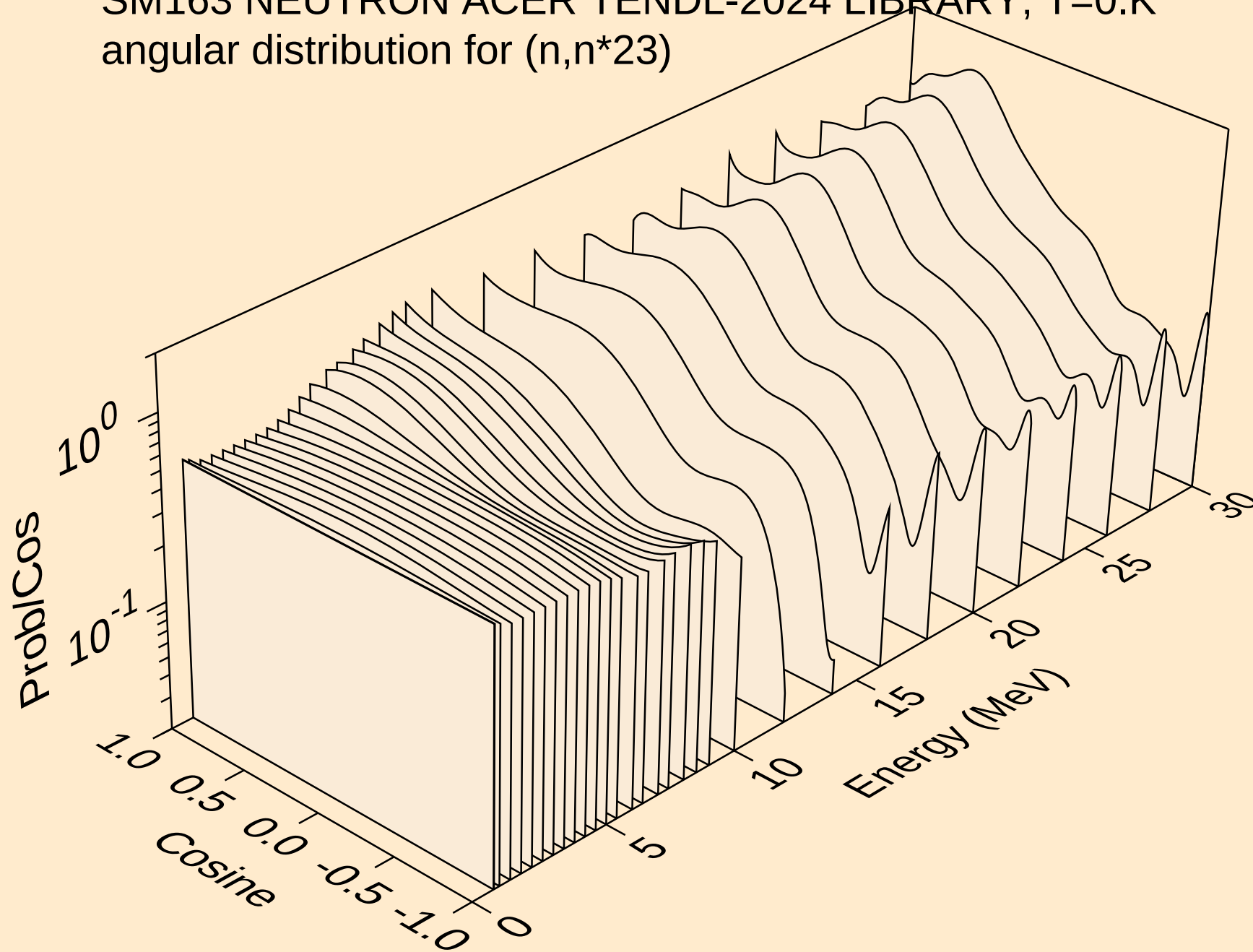
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angular distribution for (n,n*21)



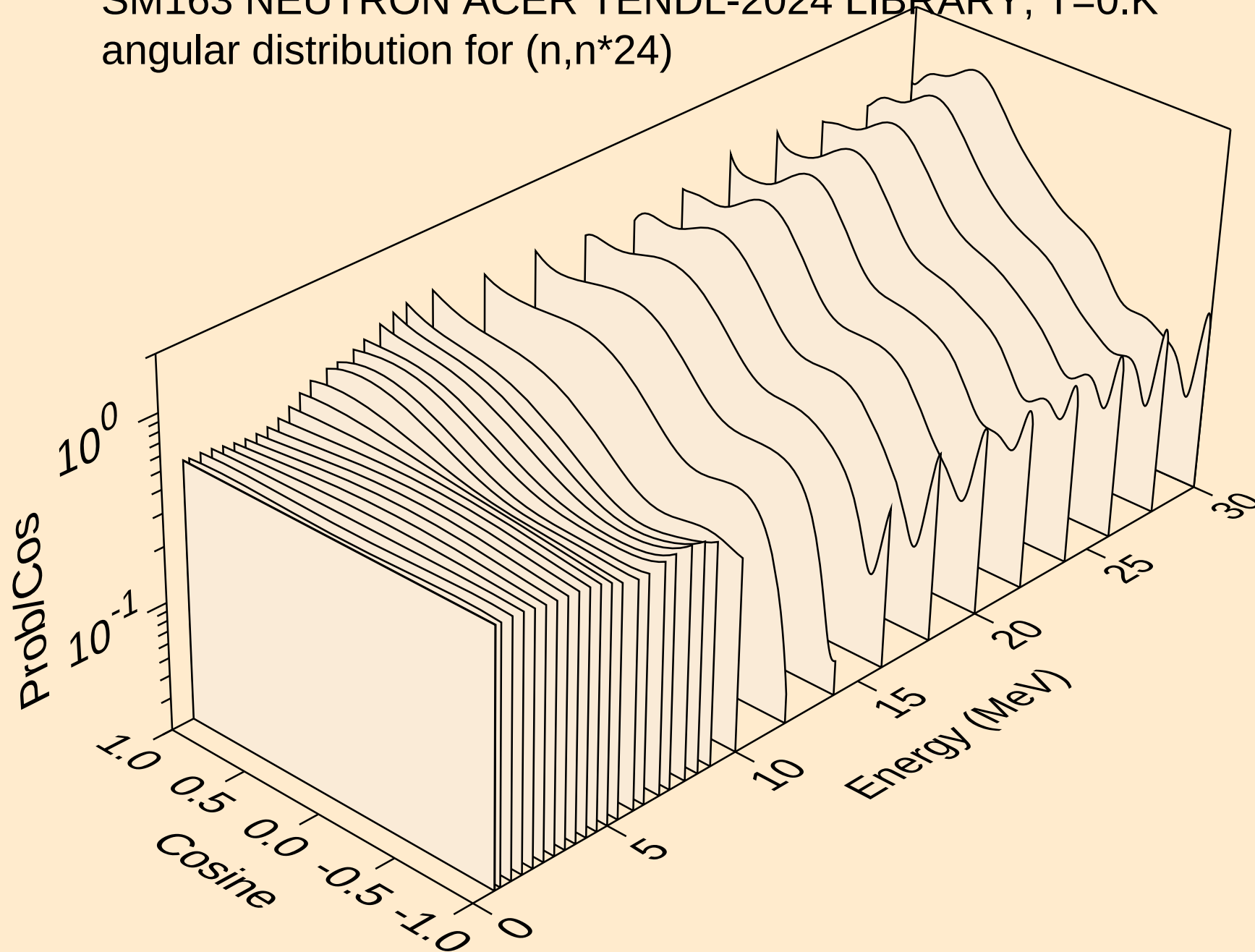
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angular distribution for (n,n*22)



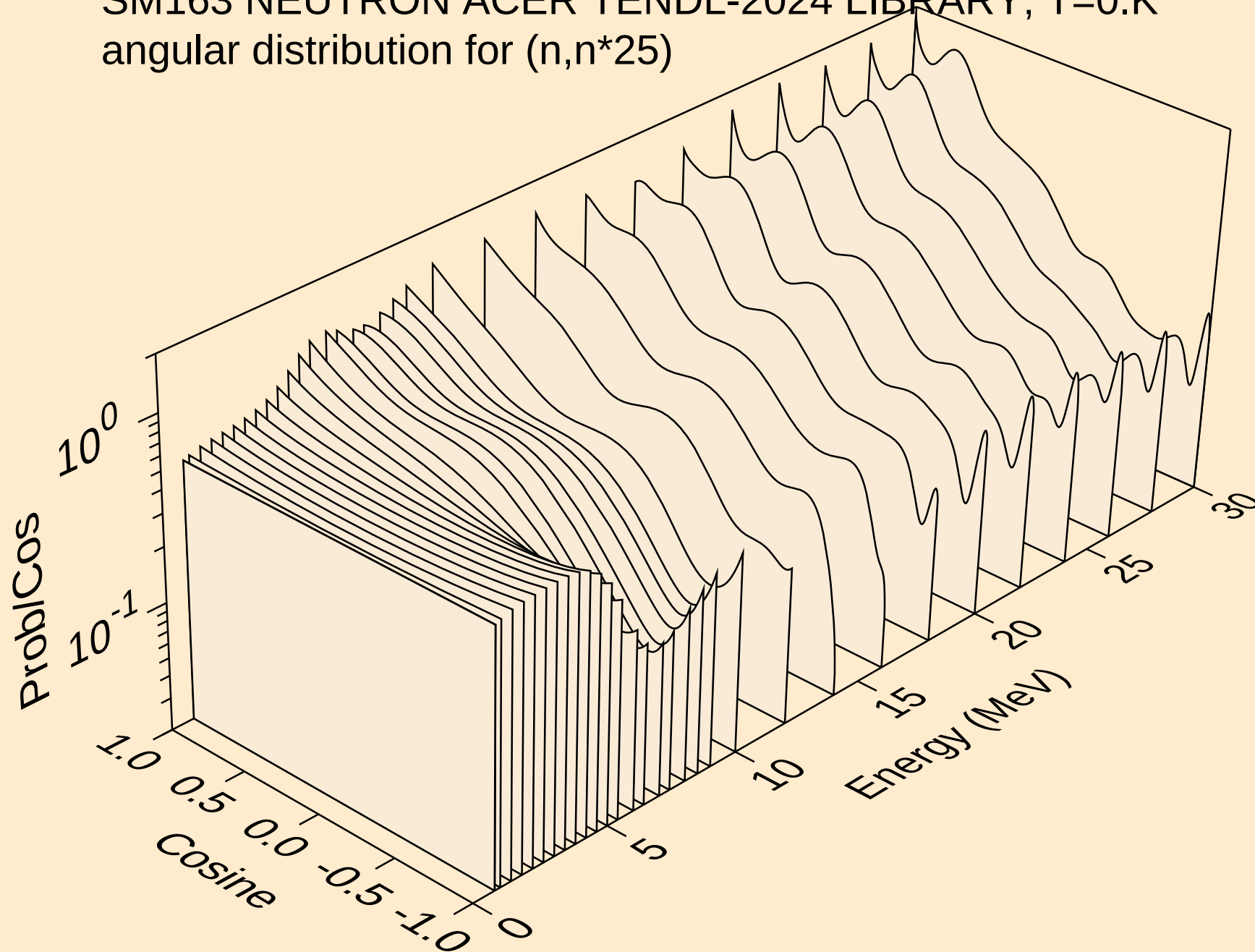
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angular distribution for (n,n*23)



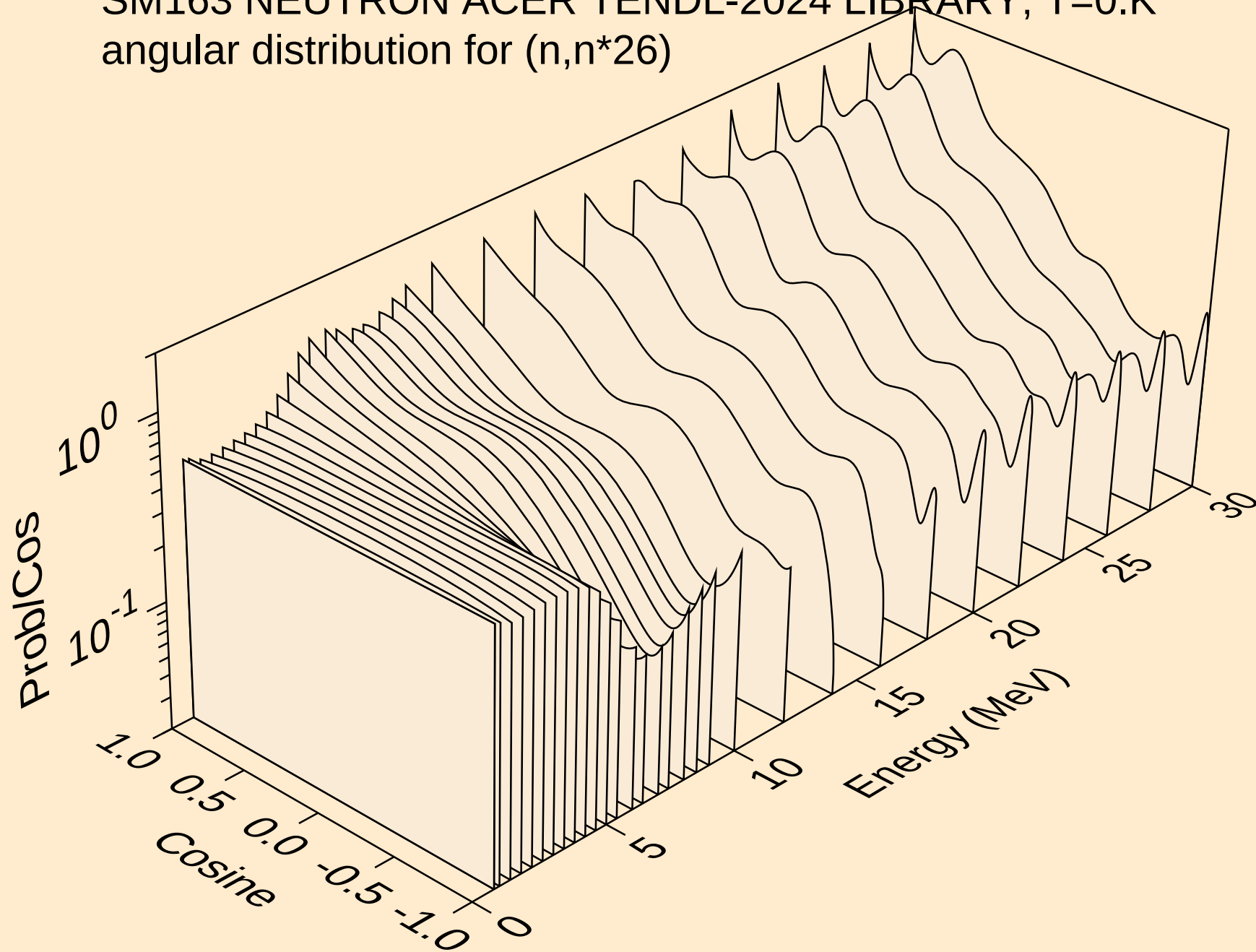
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angular distribution for (n,n*24)



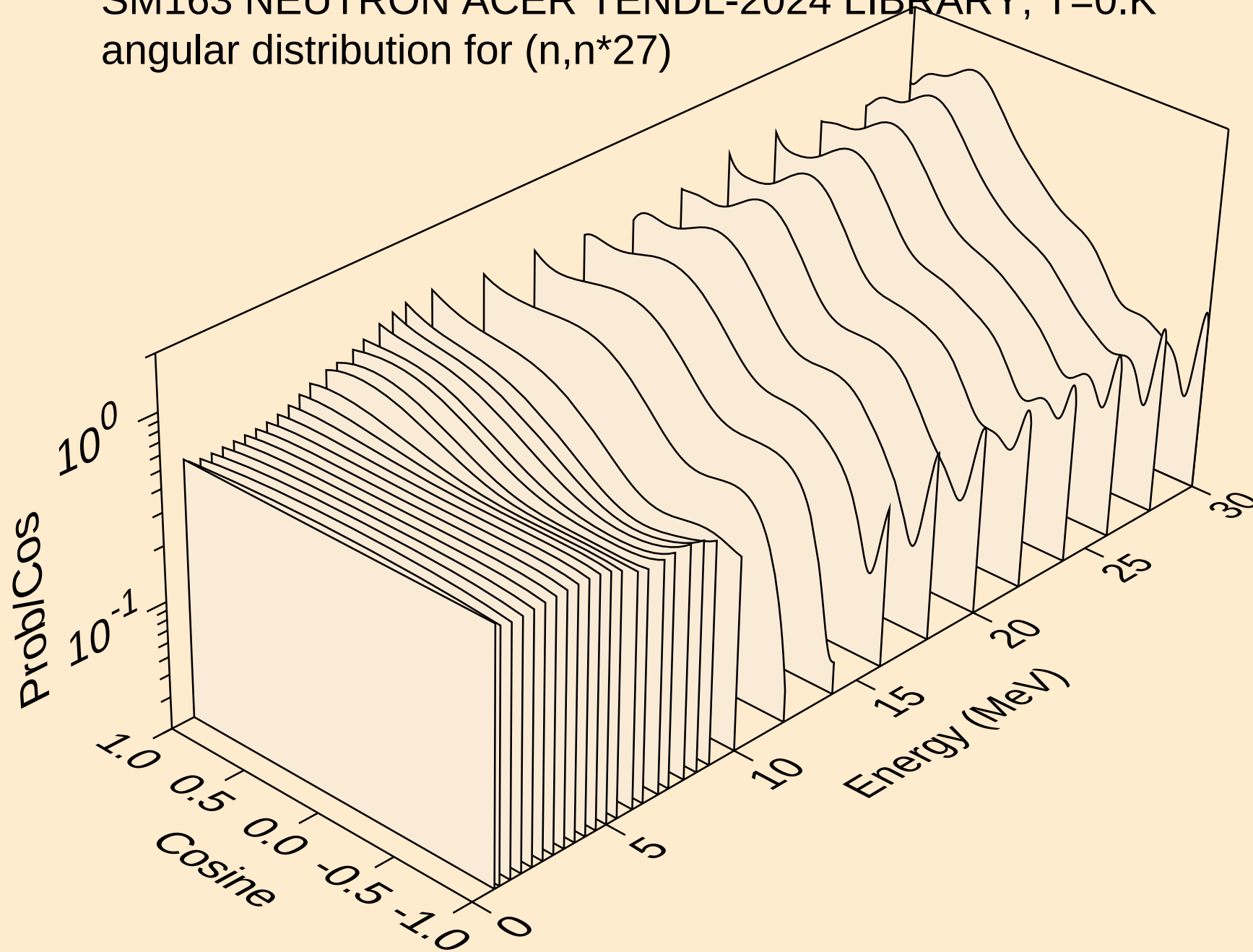
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angular distribution for (n,n*25)



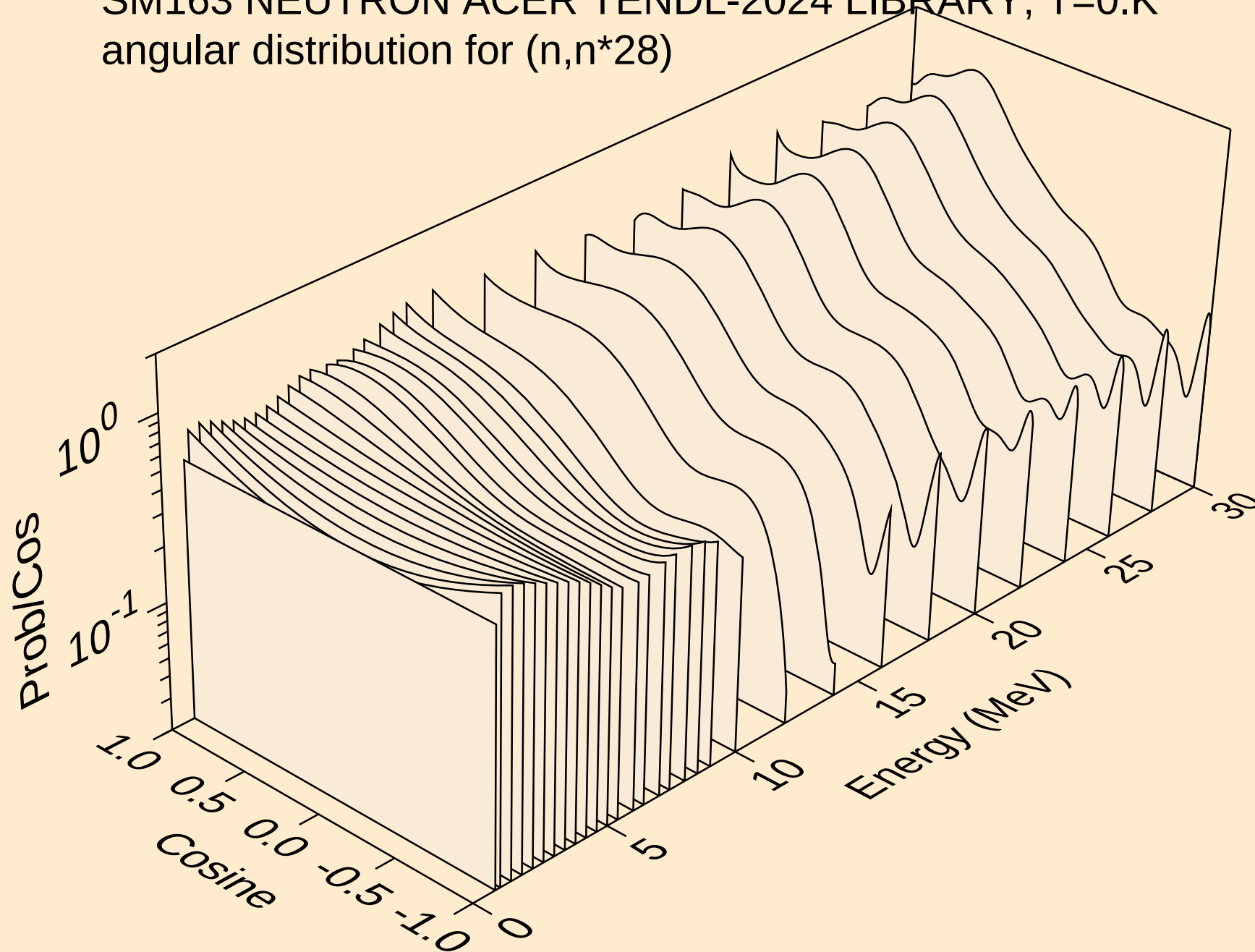
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angular distribution for (n,n*26)



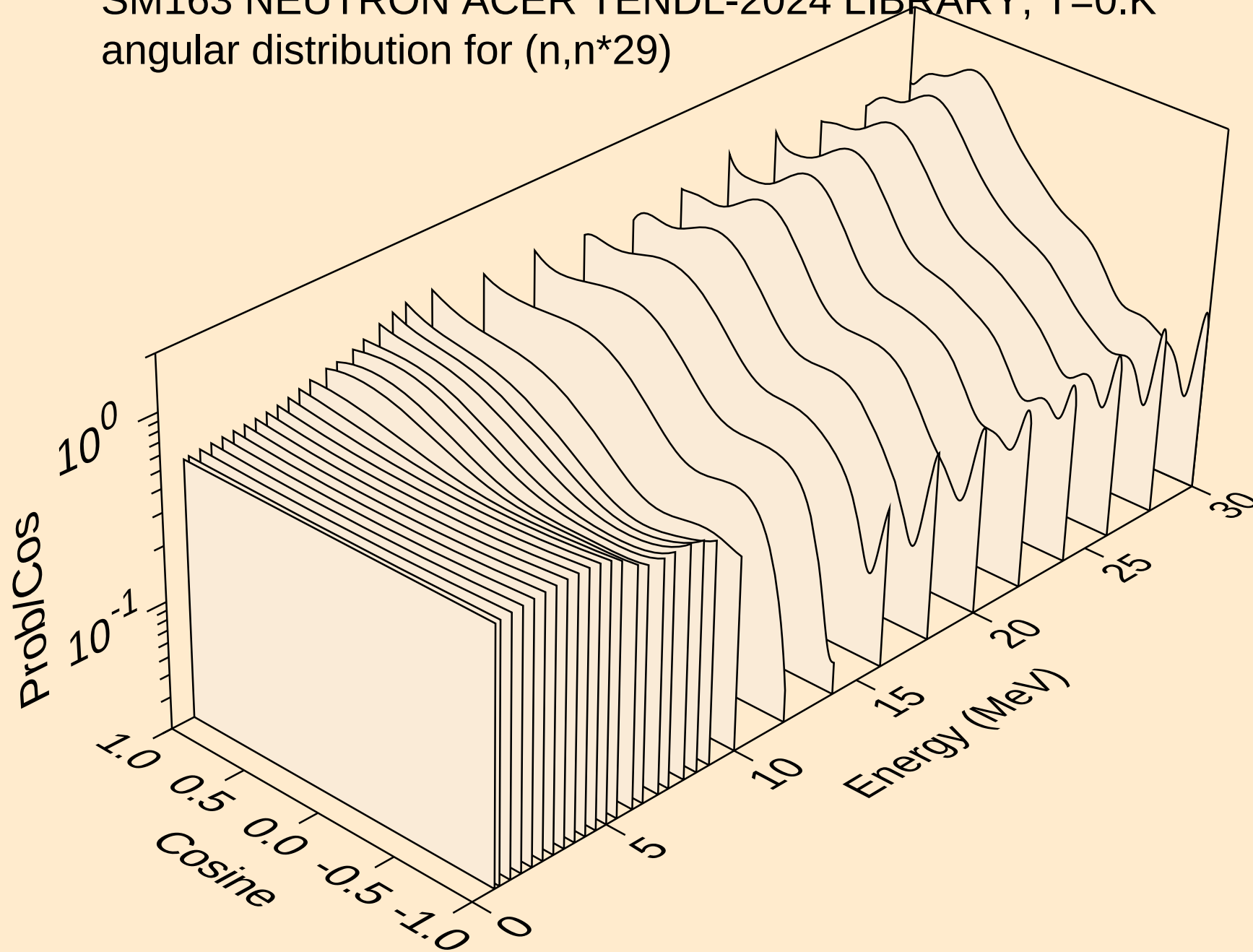
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angular distribution for (n,n*27)



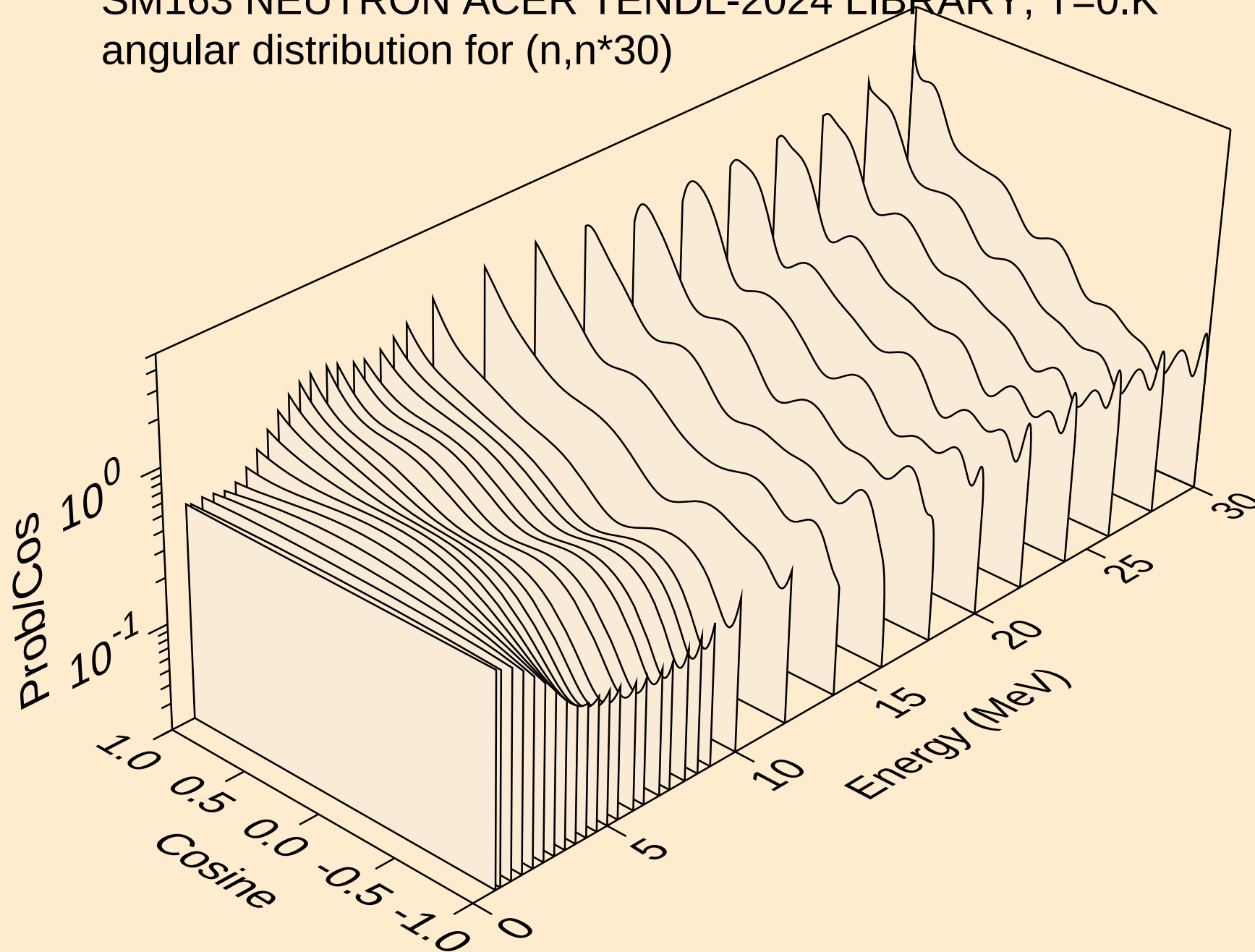
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*28)



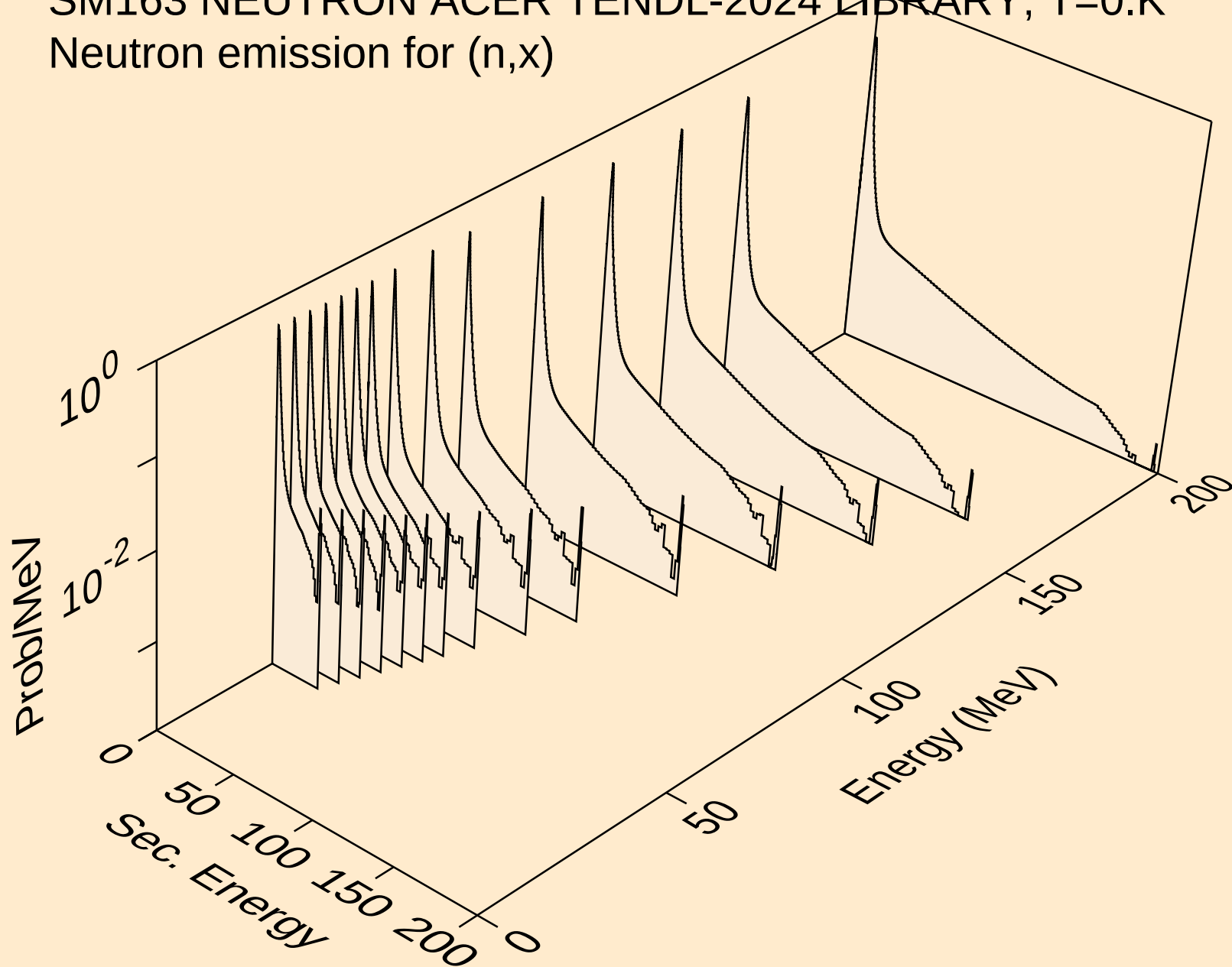
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angular distribution for (n,n*29)



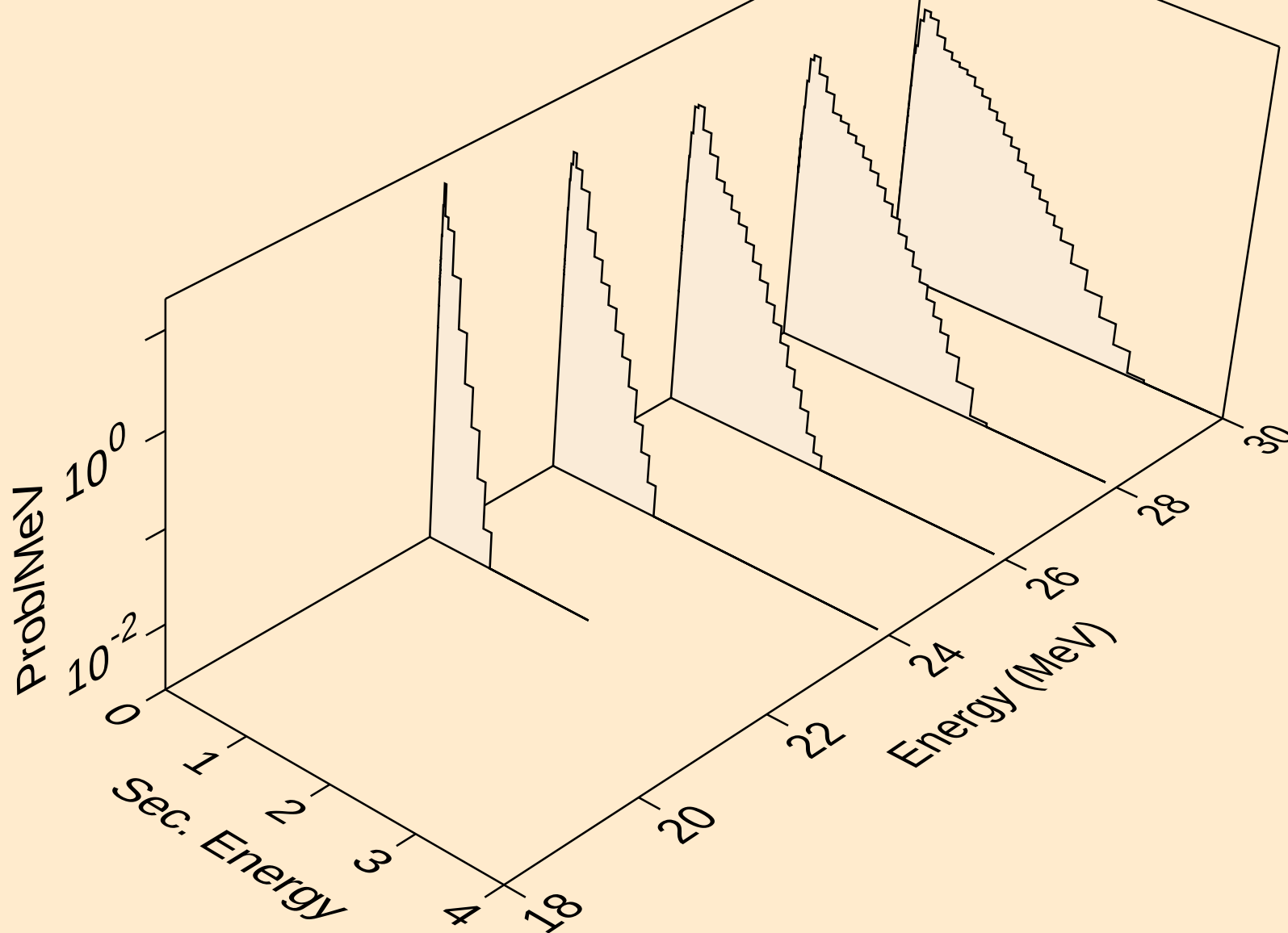
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angular distribution for (n,n*30)



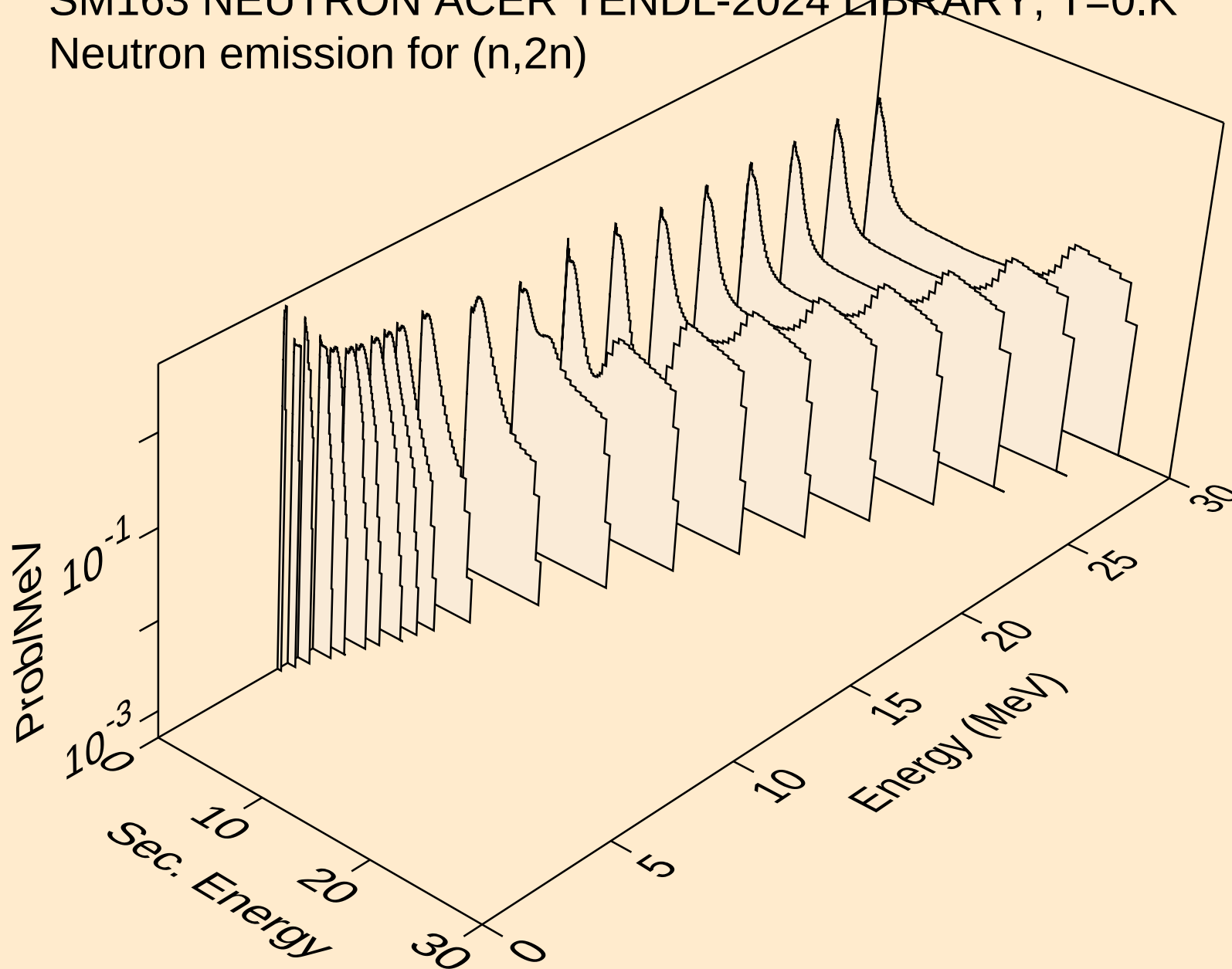
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



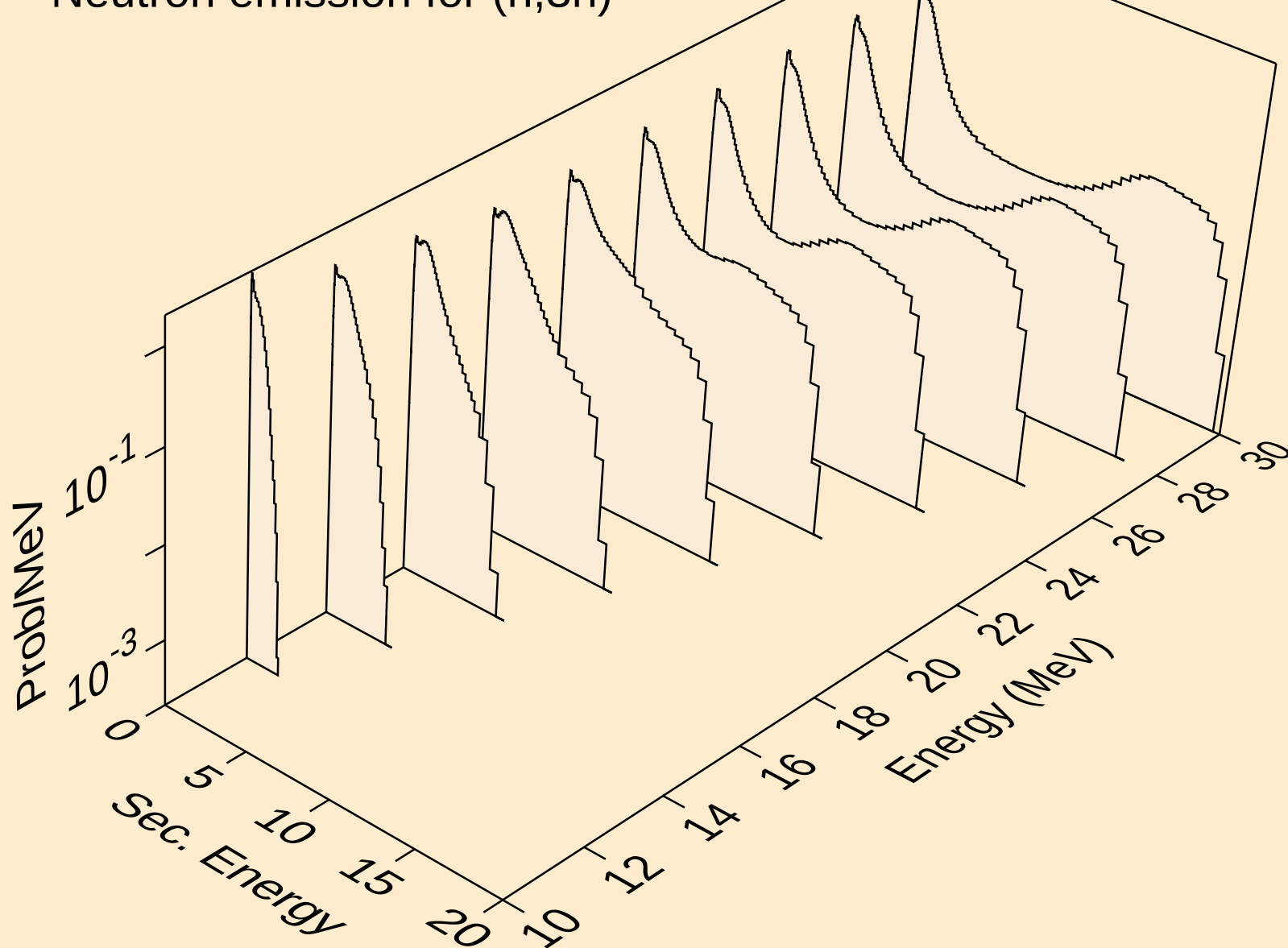
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



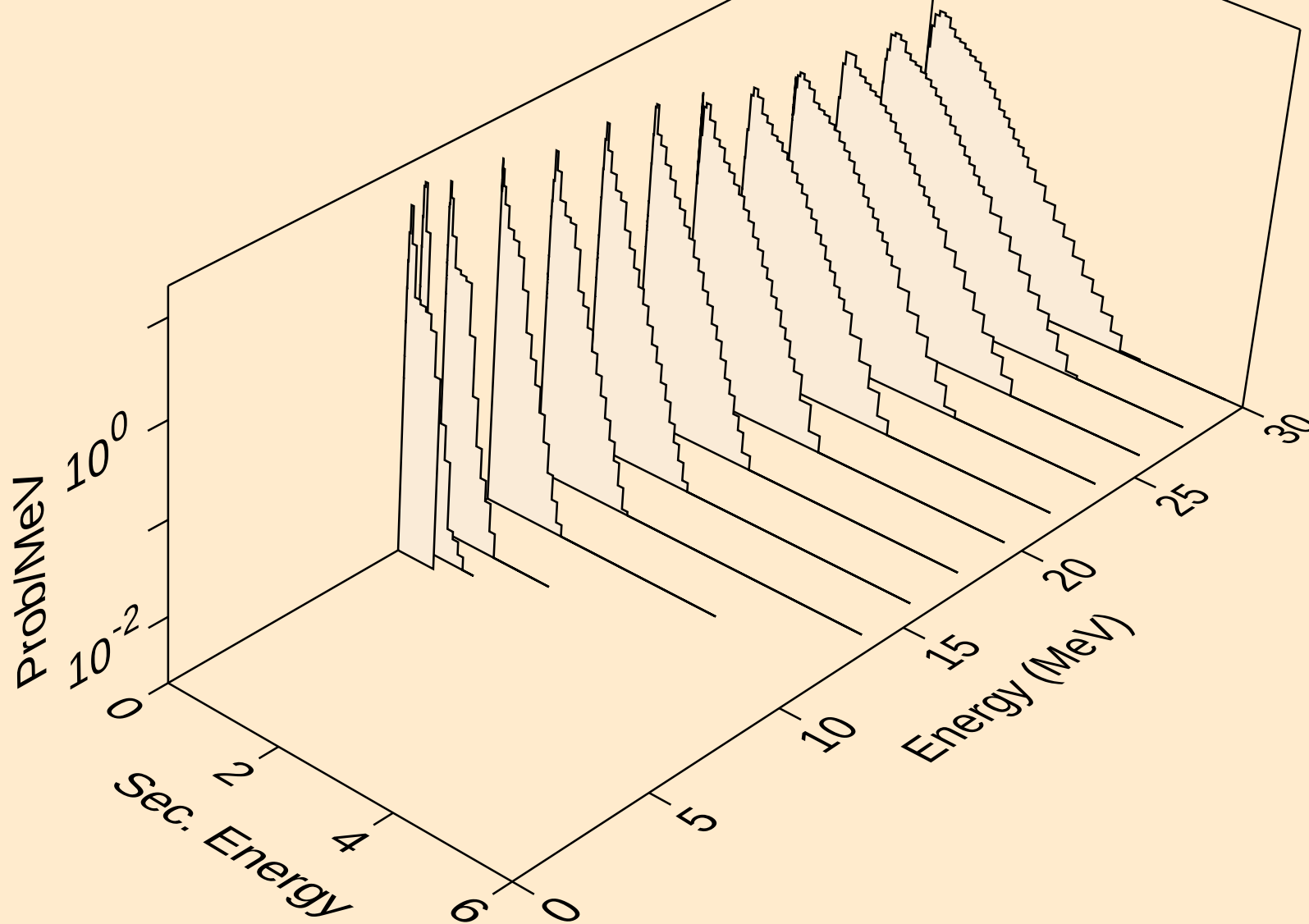
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



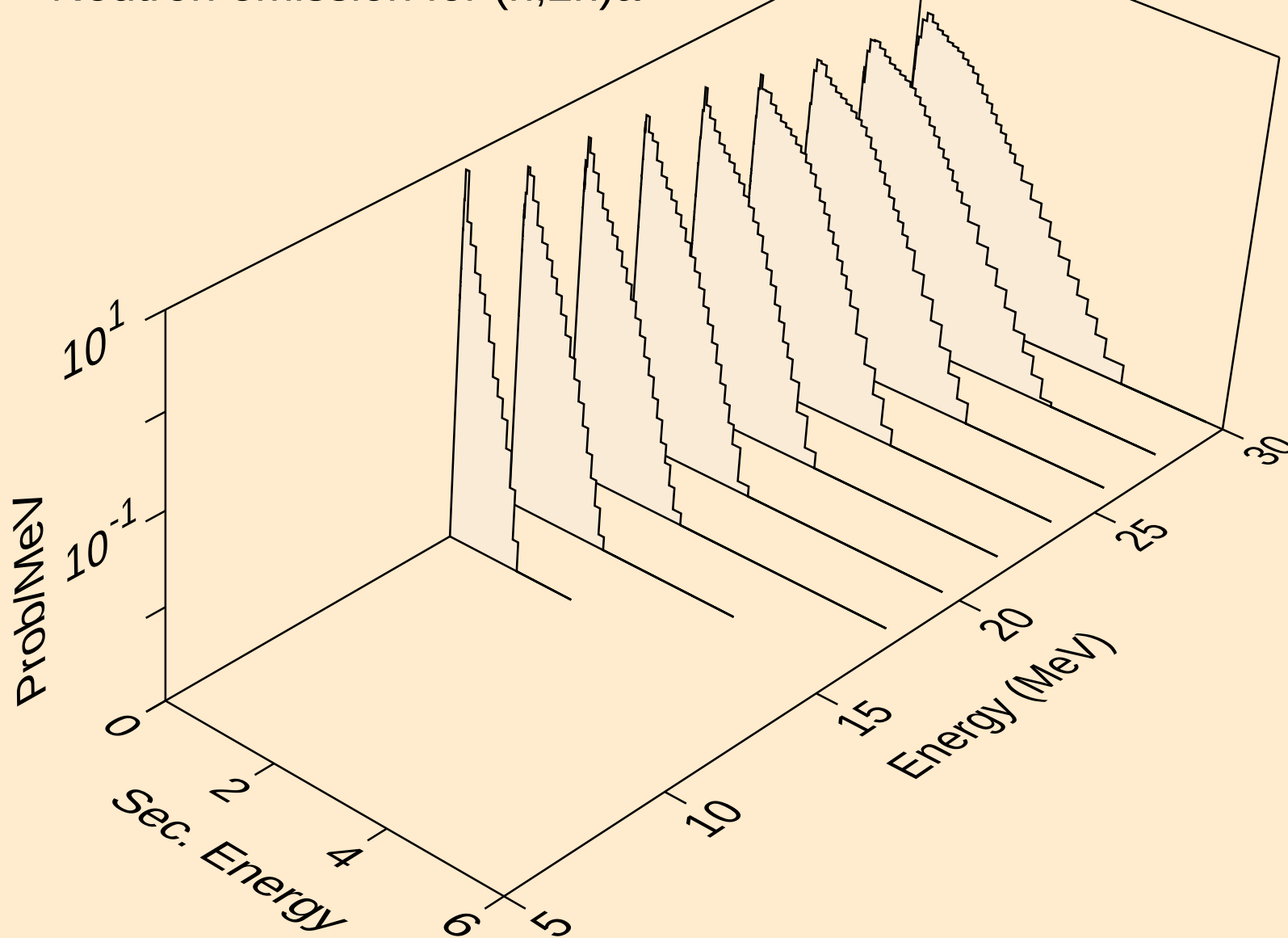
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



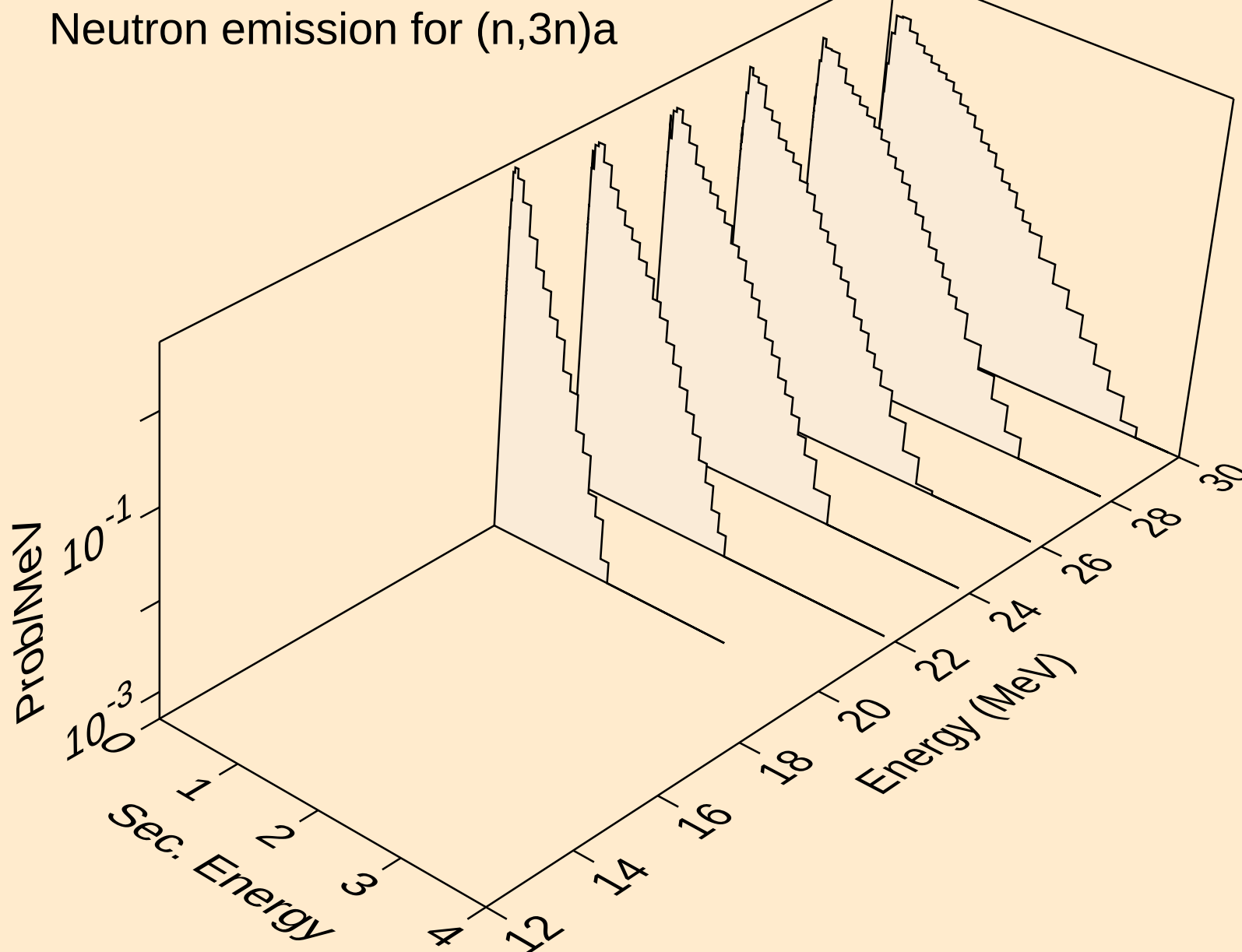
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



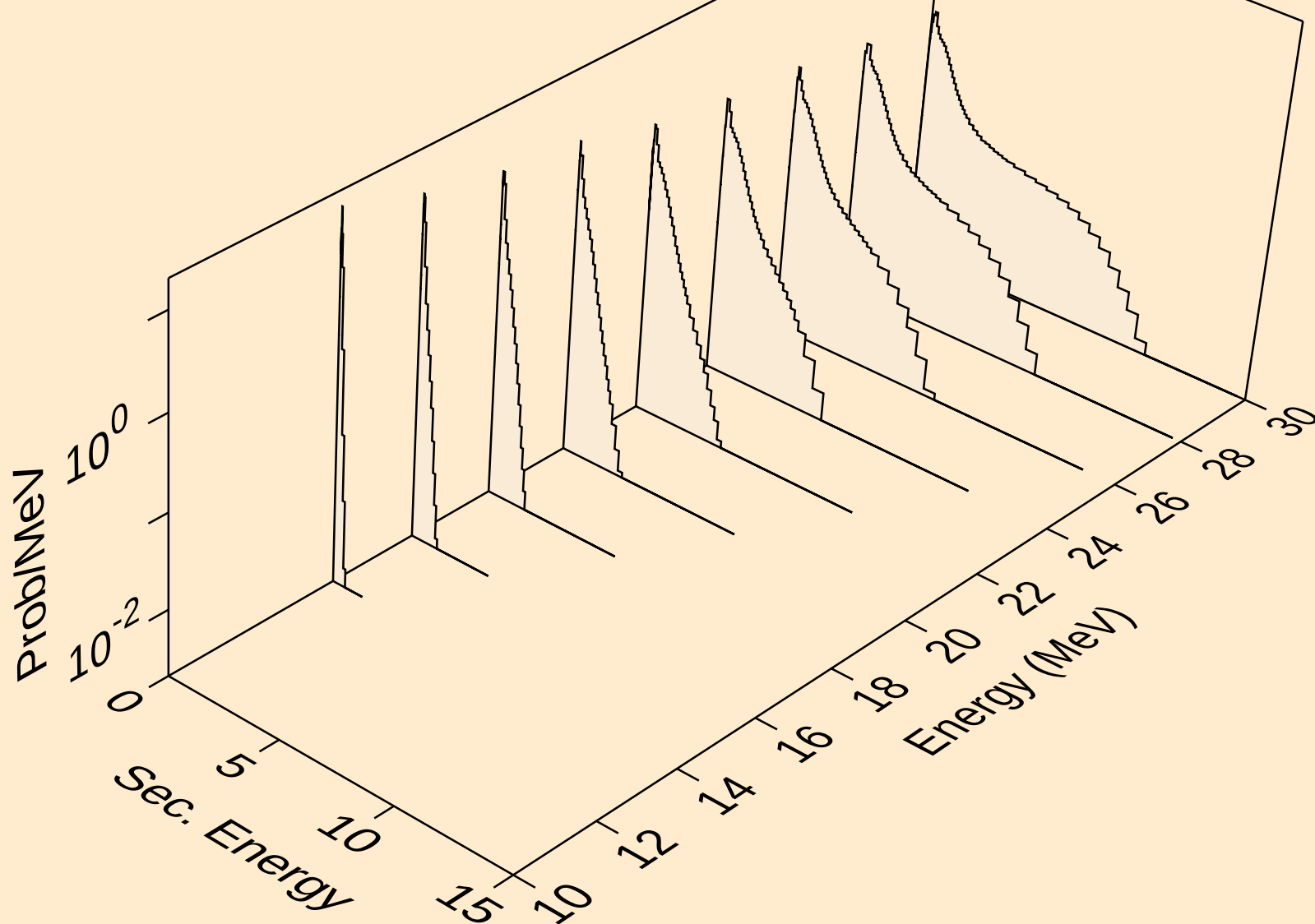
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)a



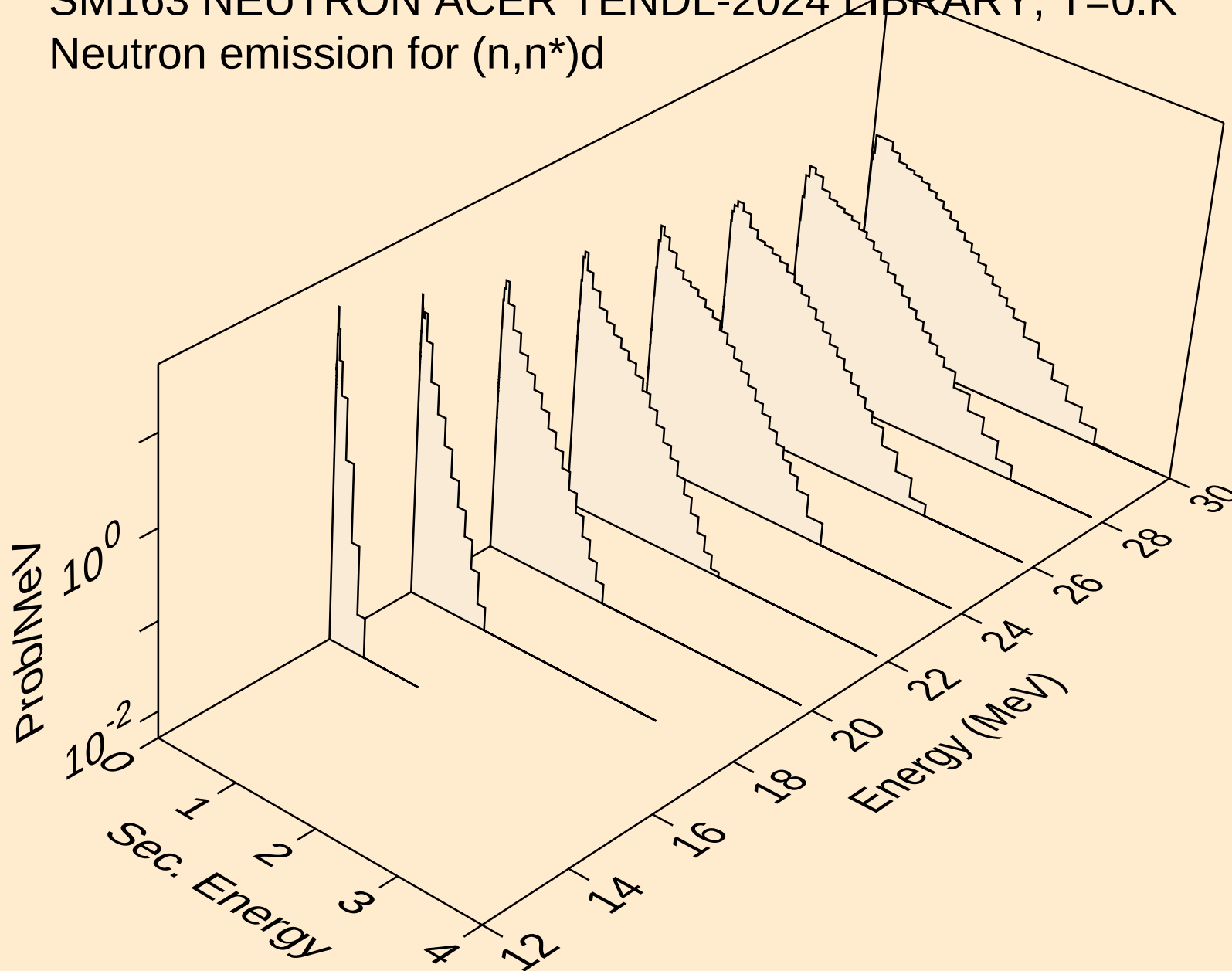
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



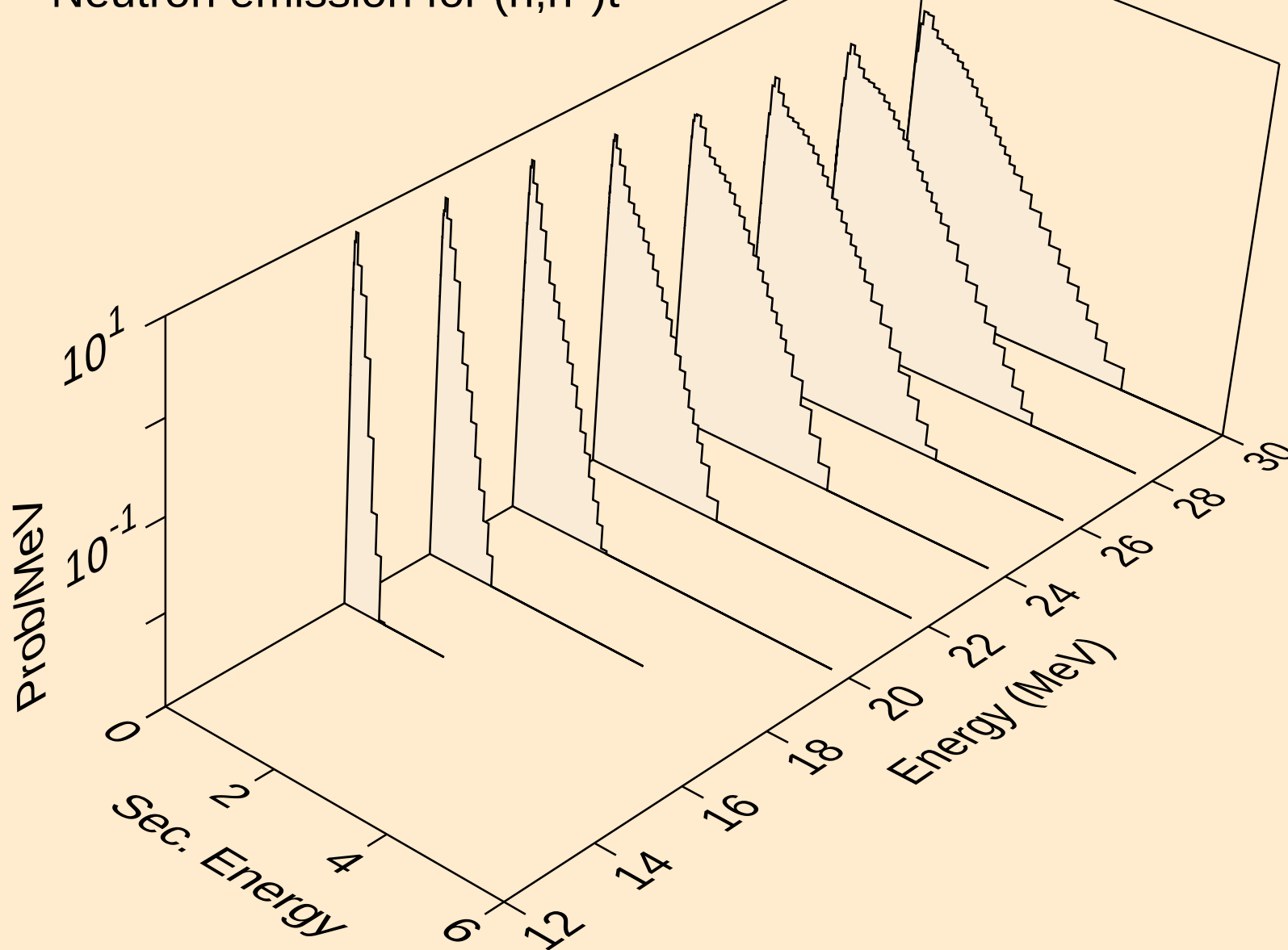
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



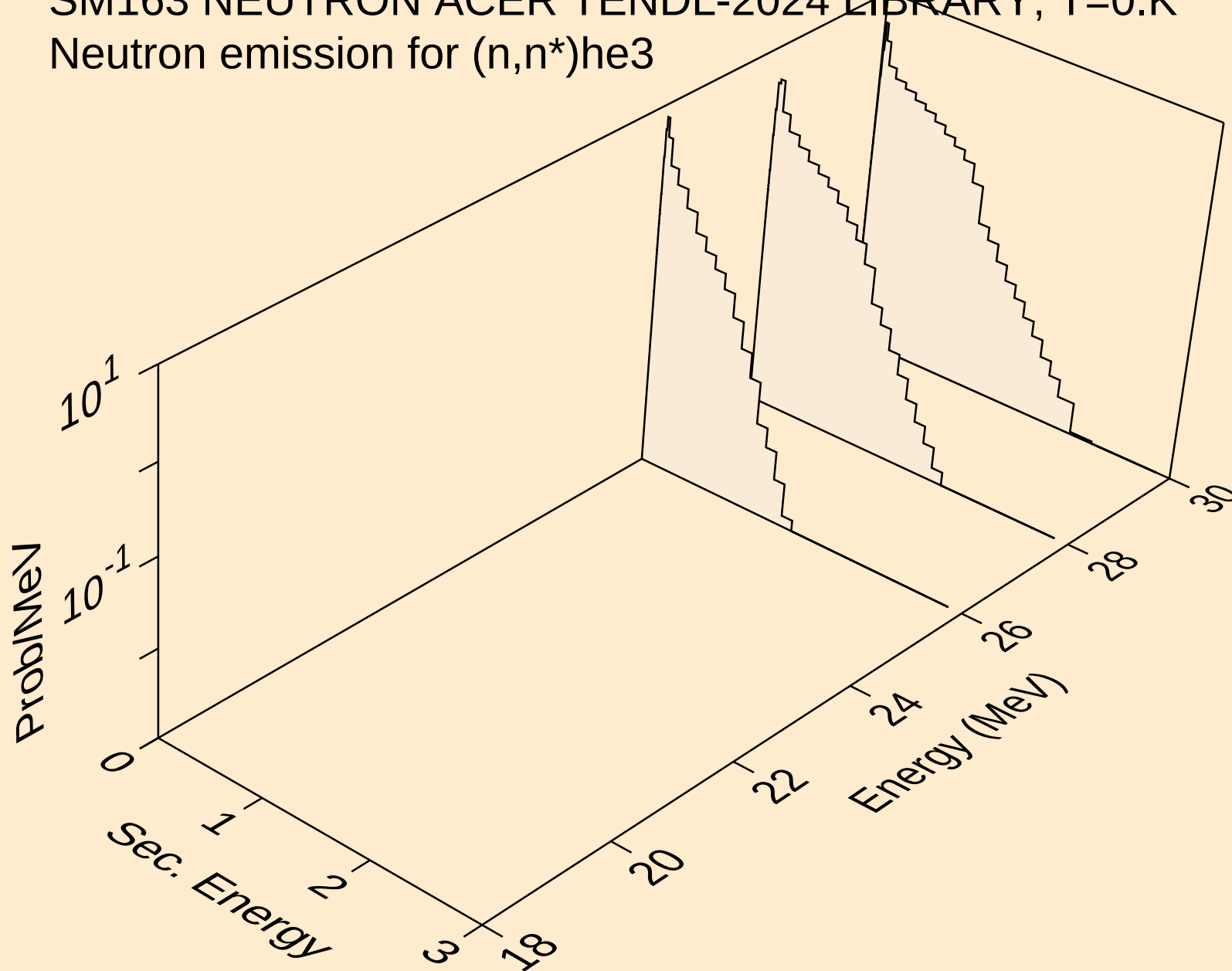
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



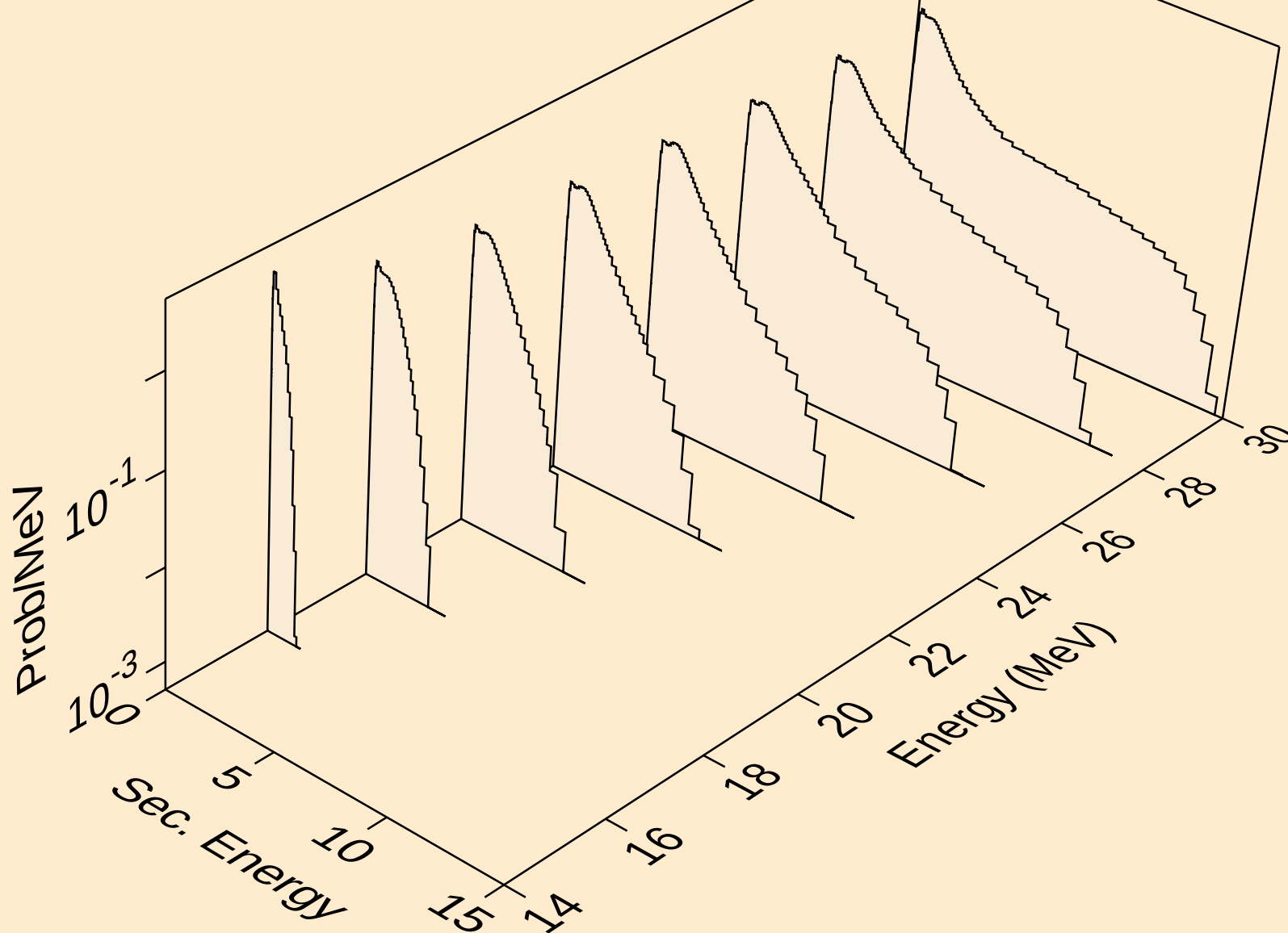
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



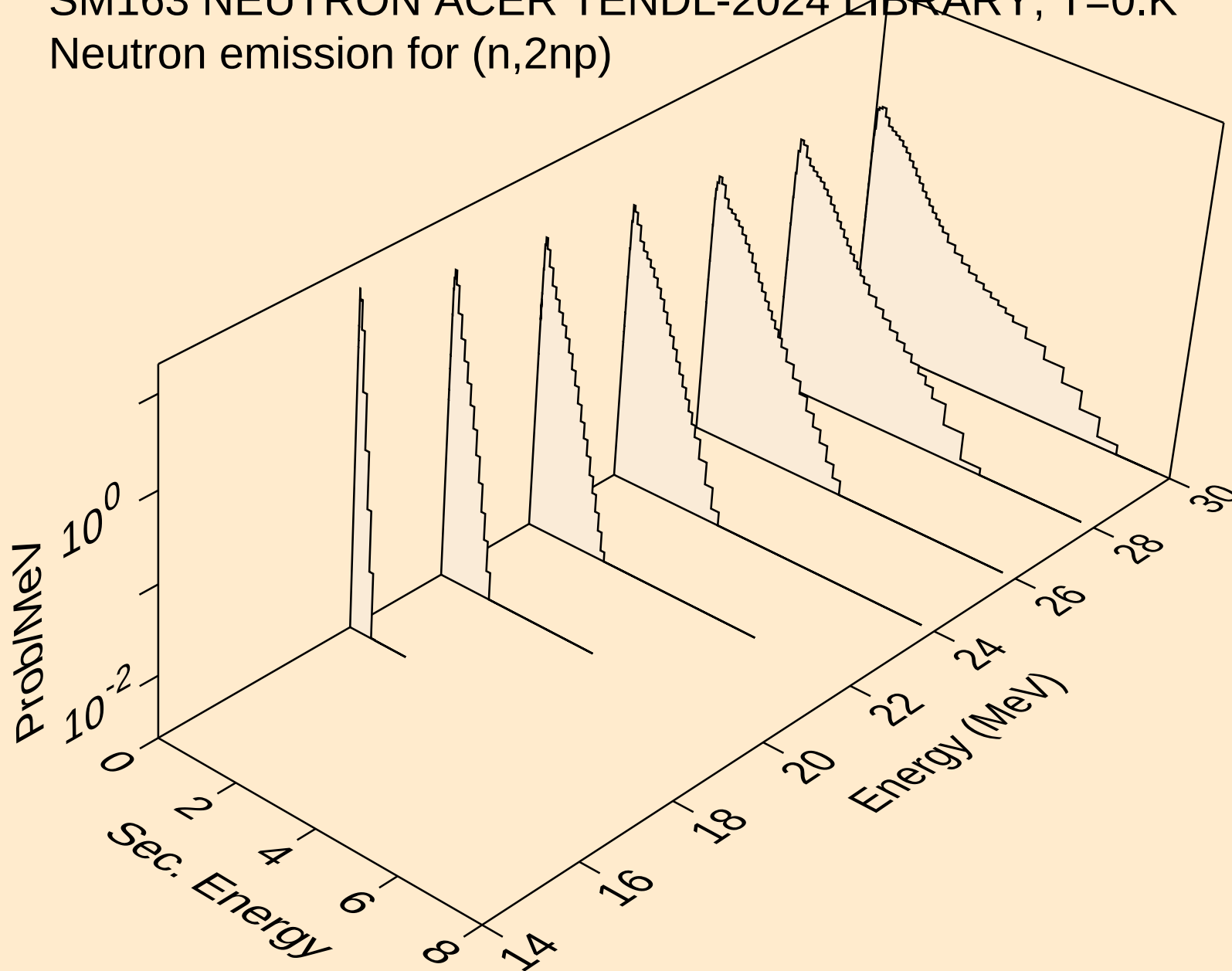
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



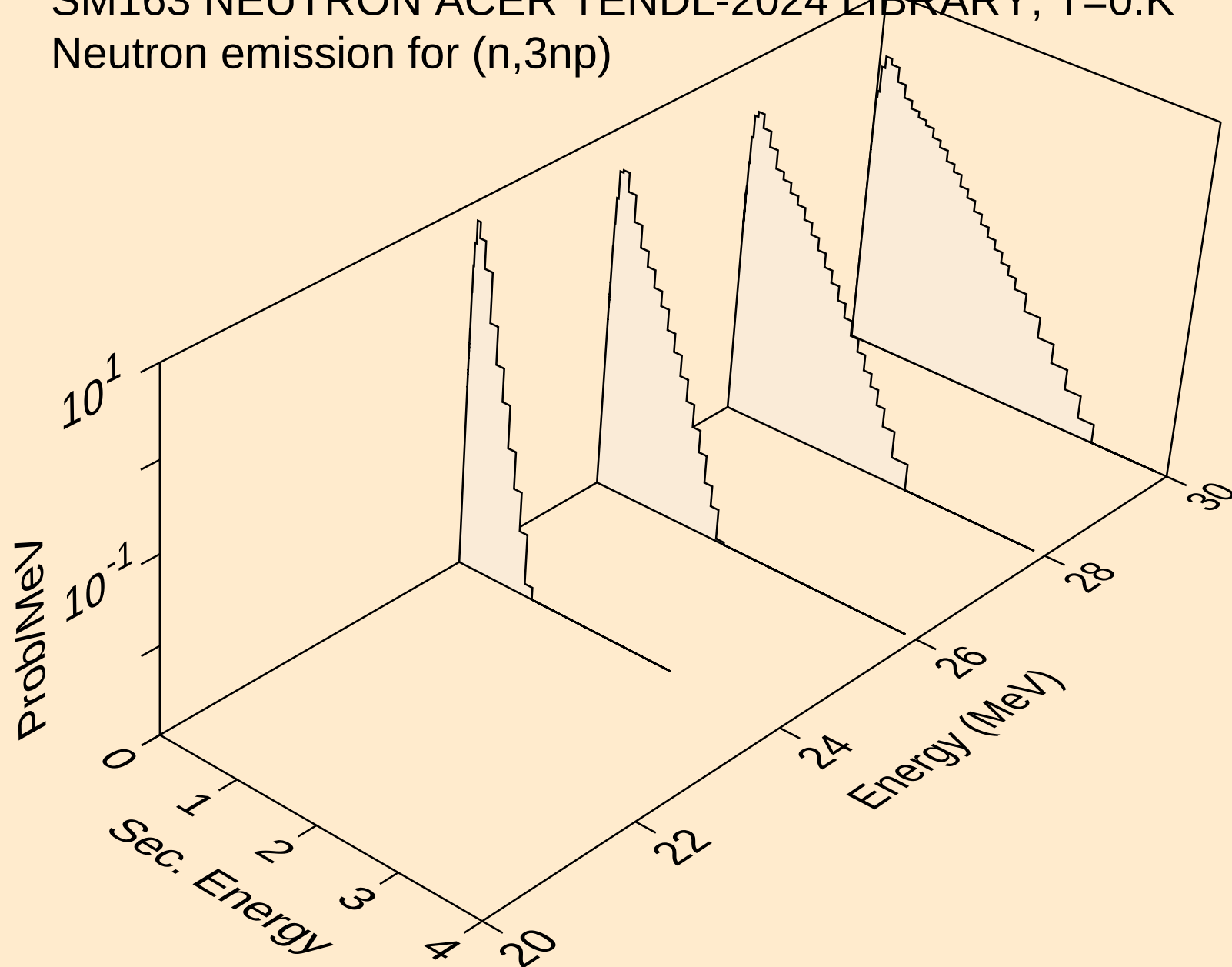
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,4n)



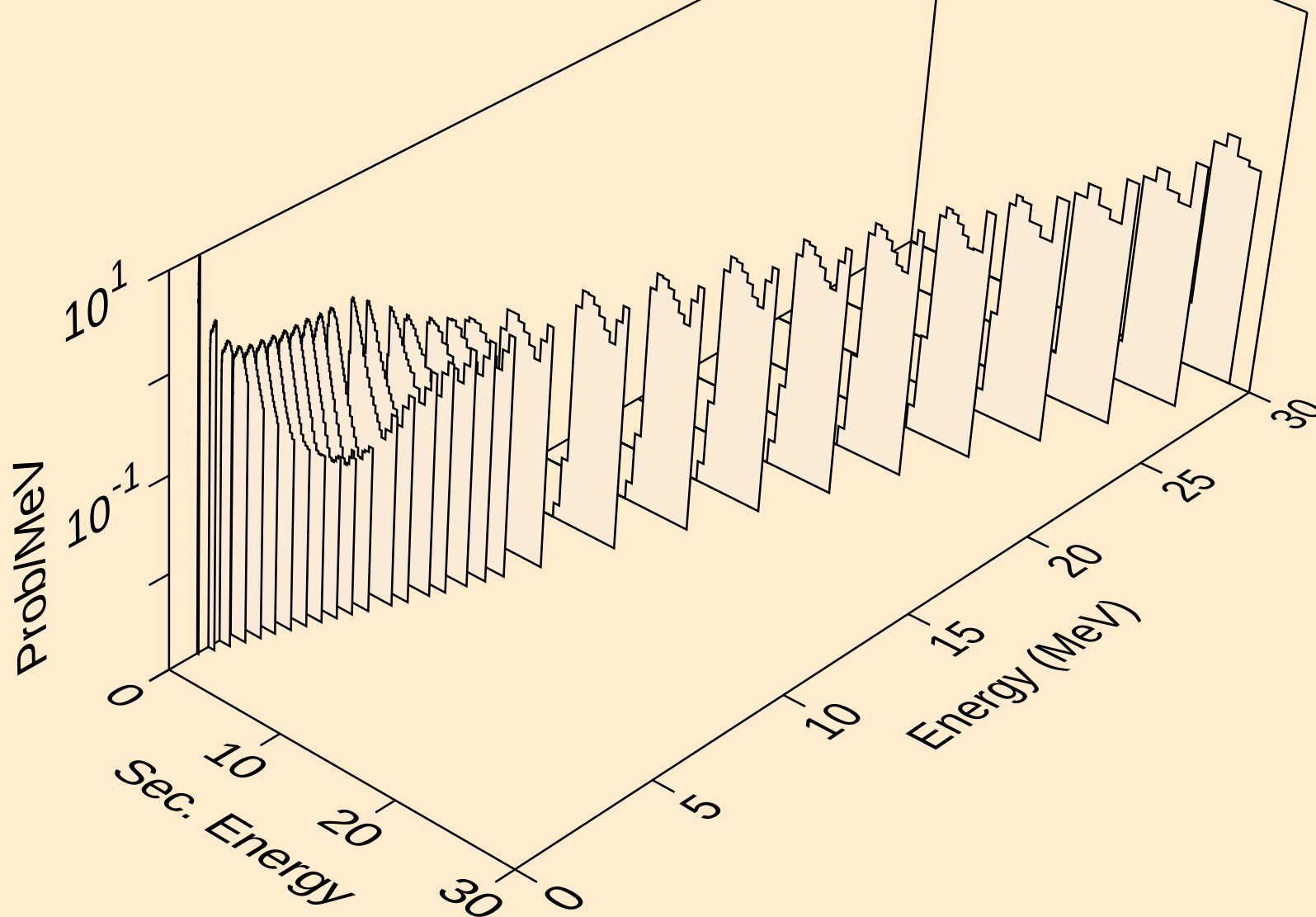
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



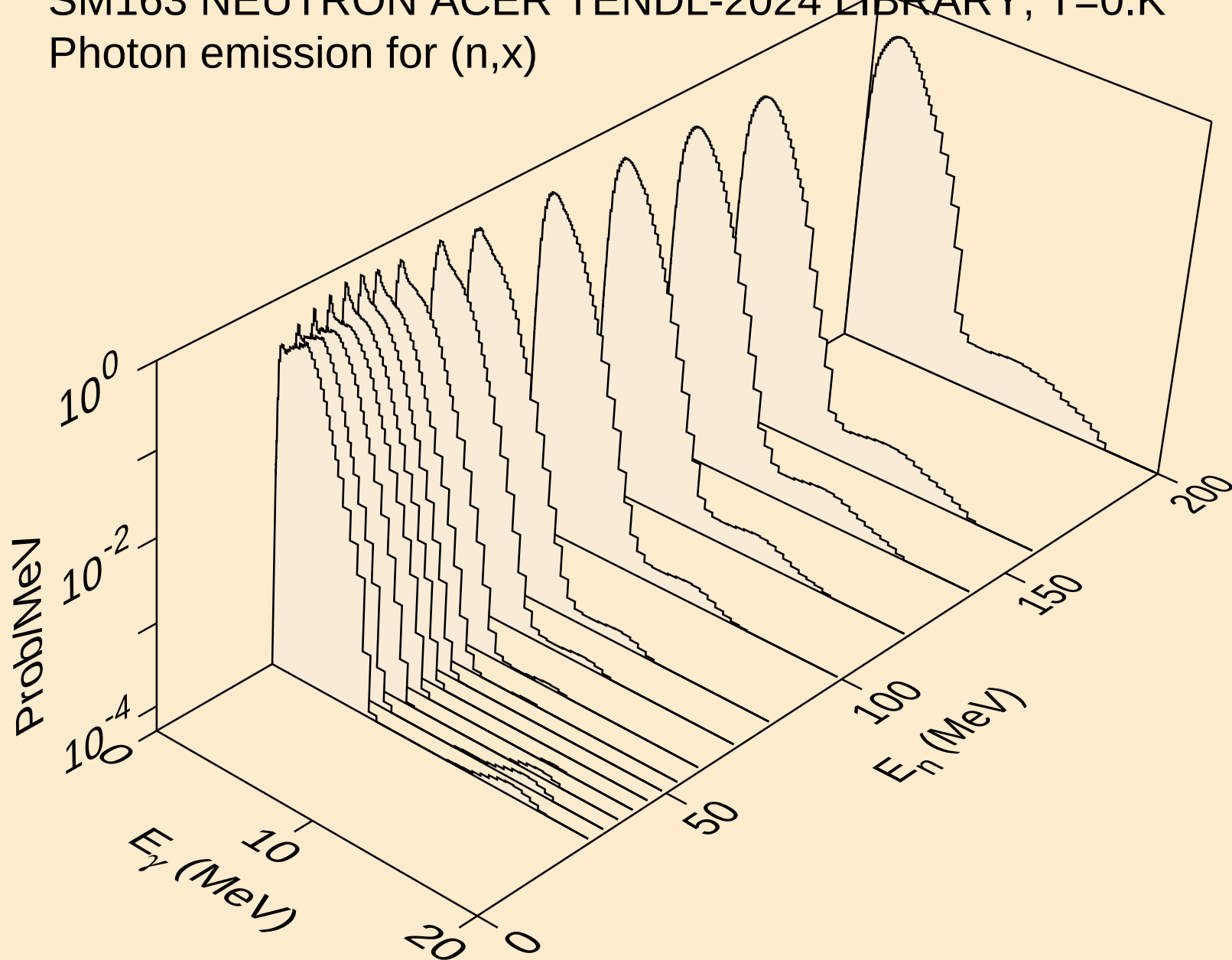
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



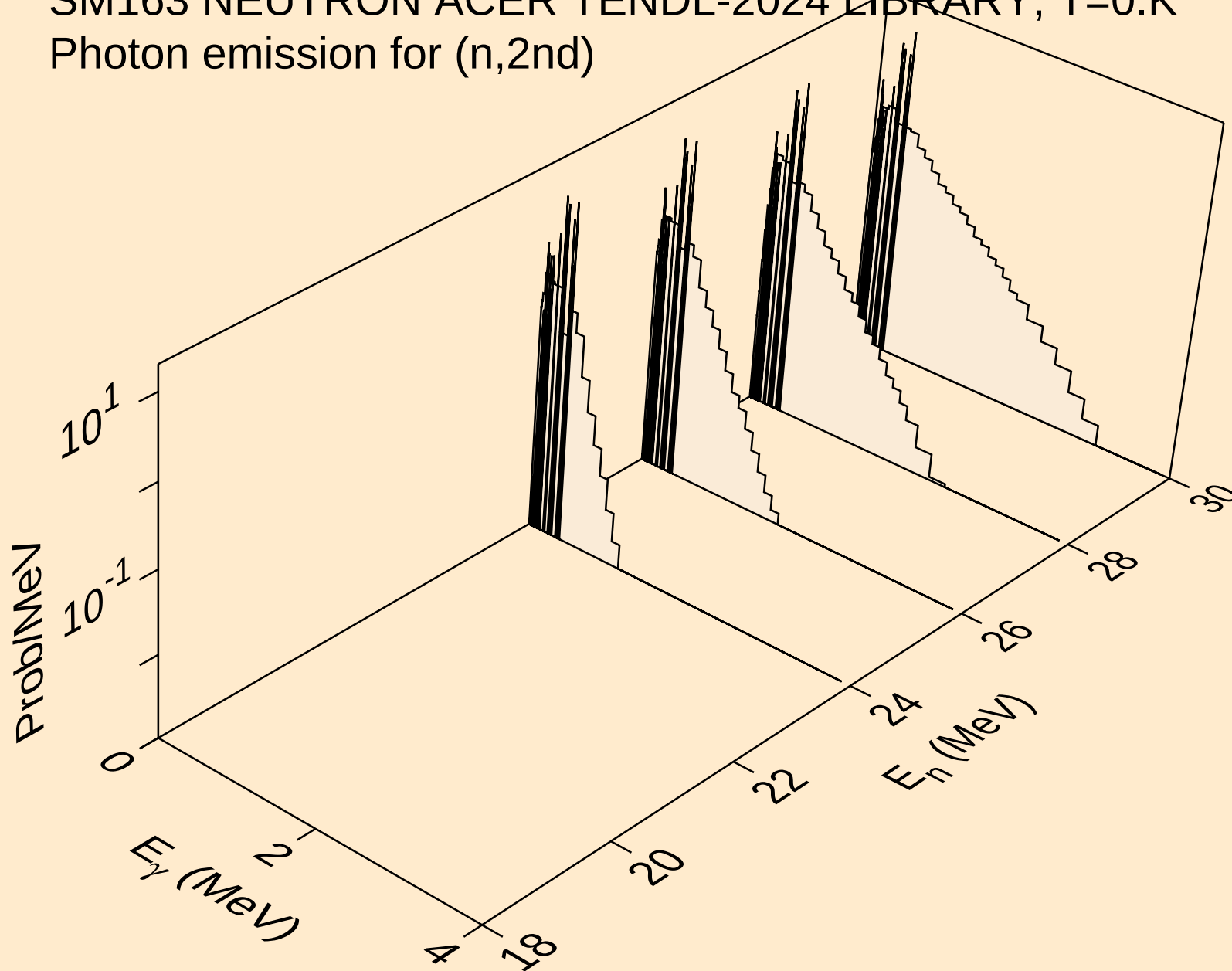
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



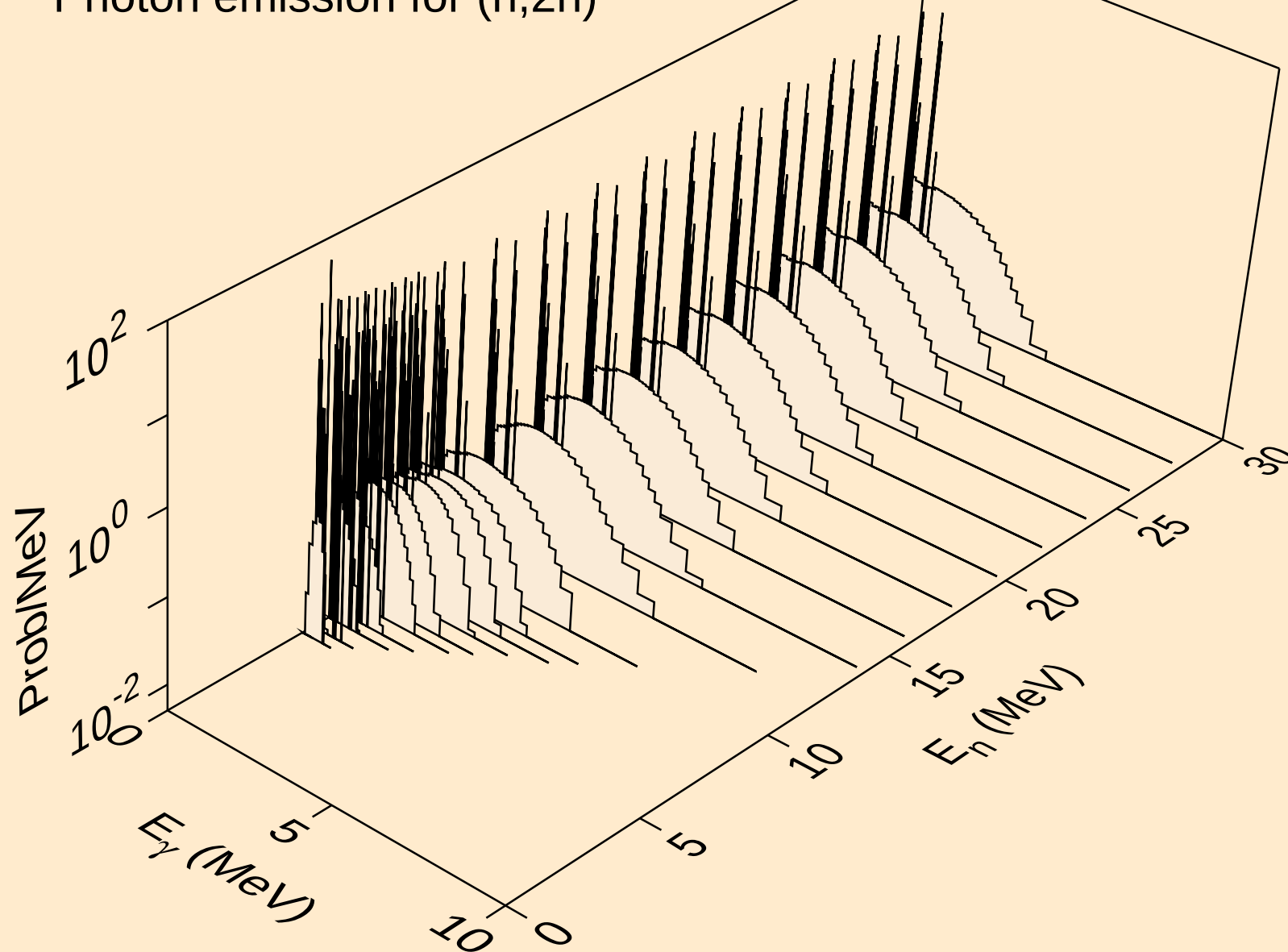
SM163 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,x)



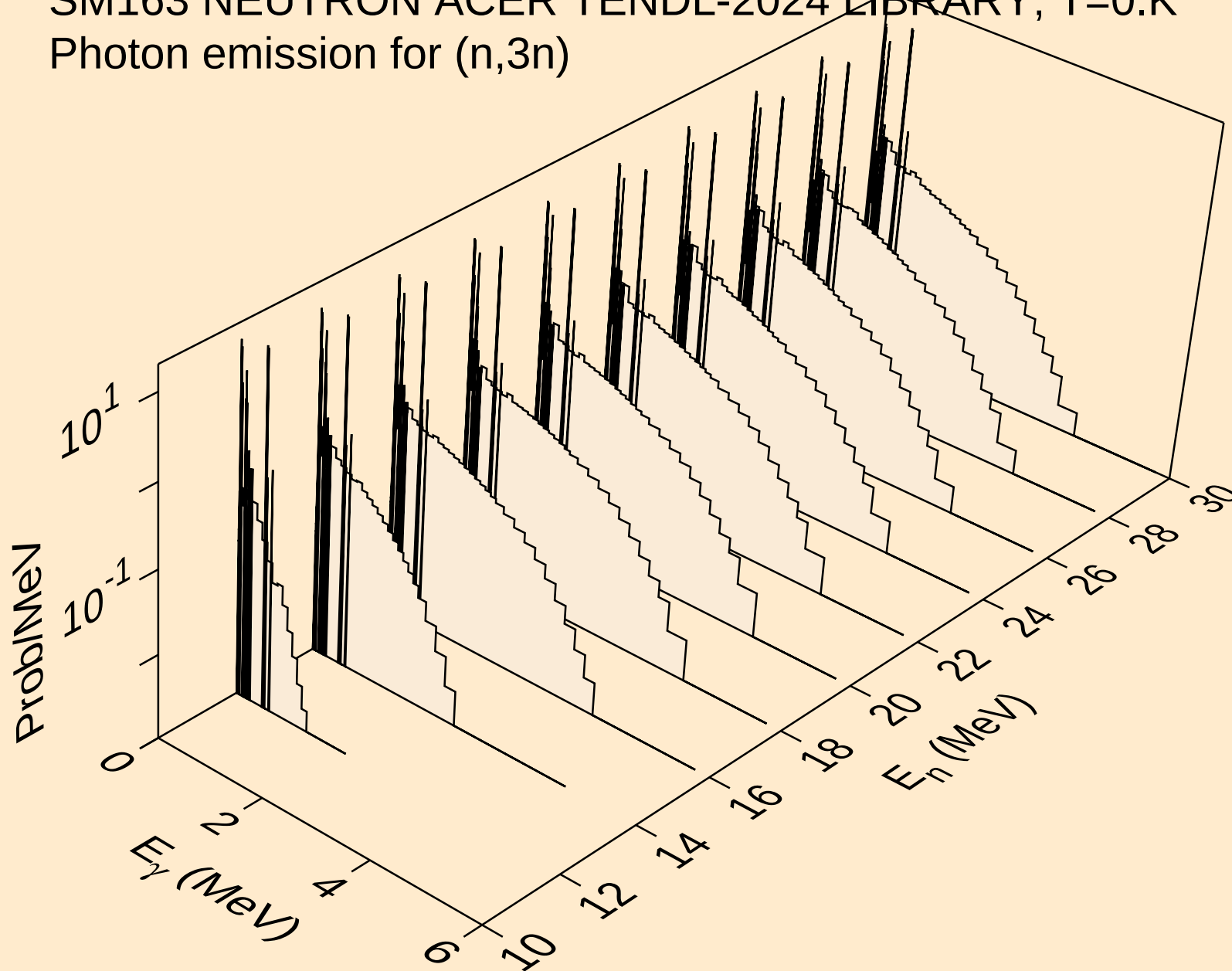
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



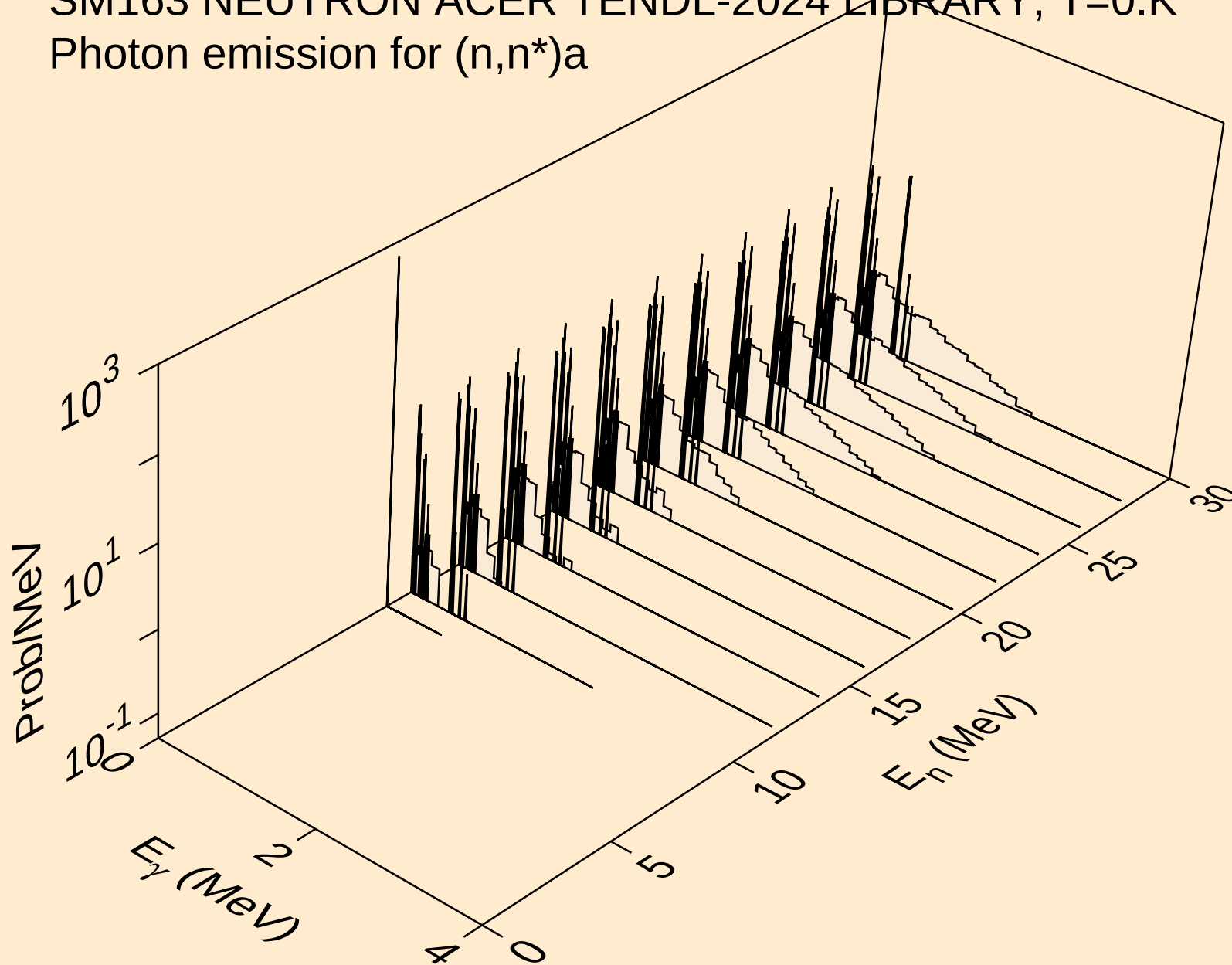
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



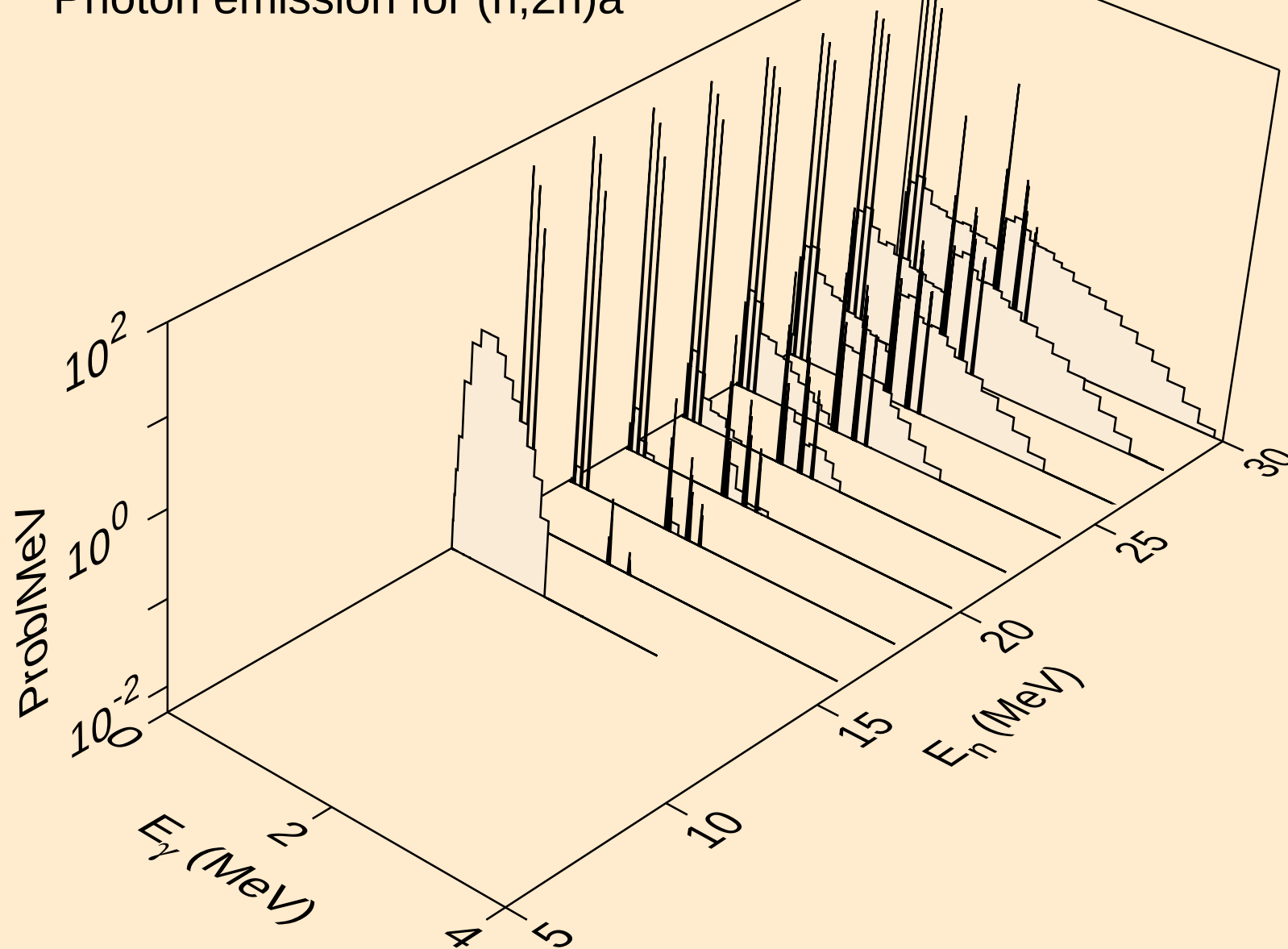
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



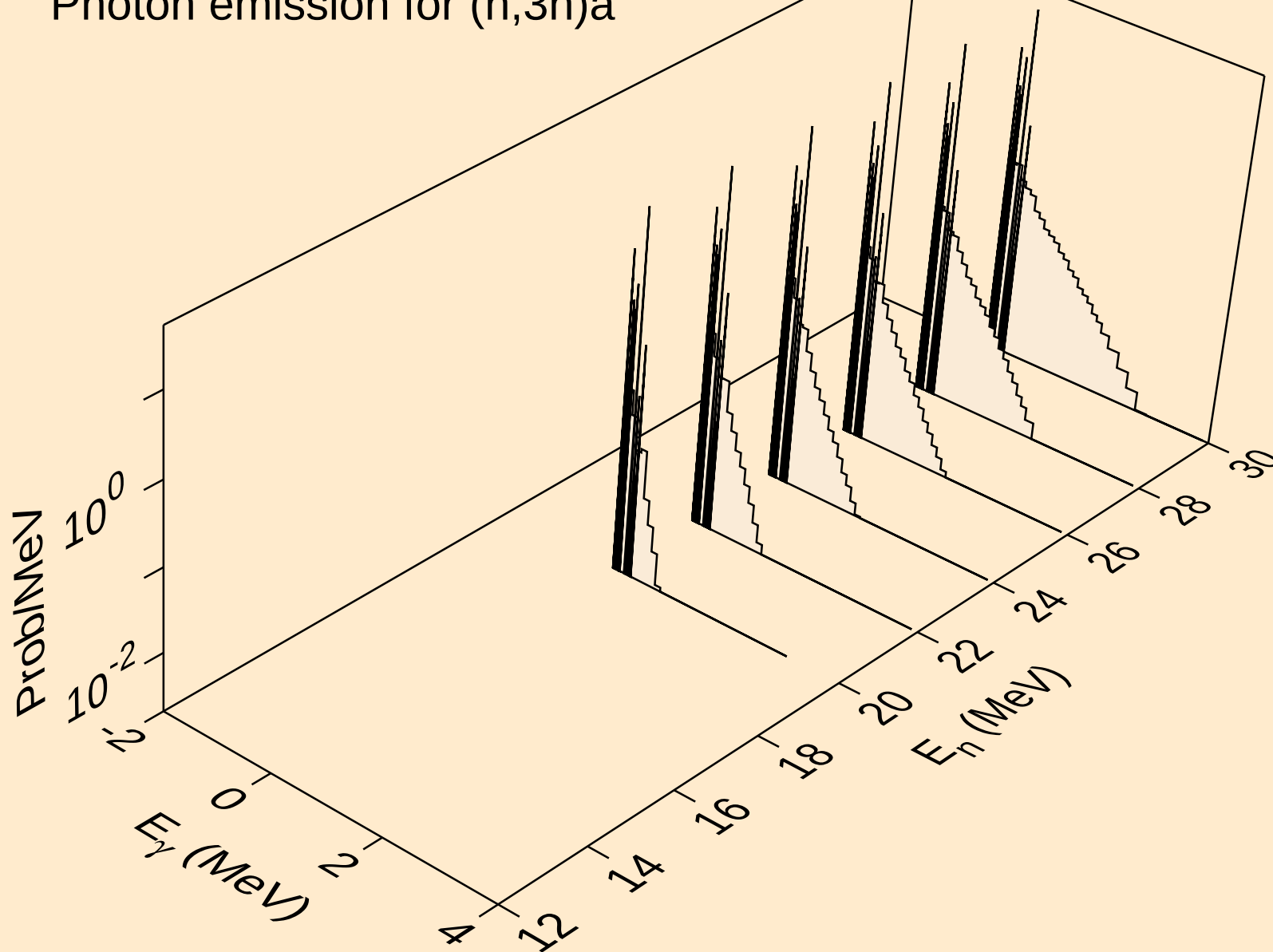
SM163 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)a$



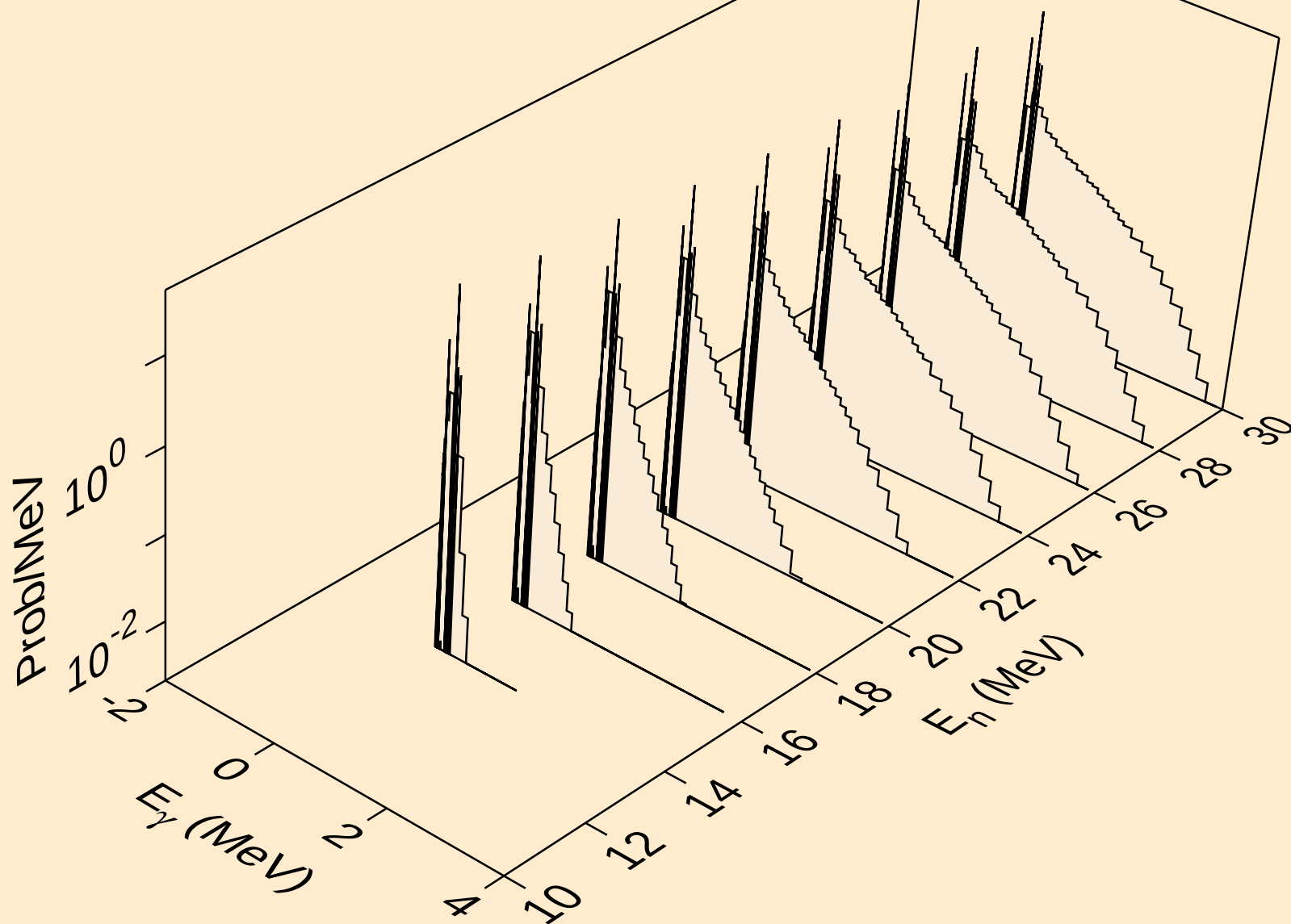
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



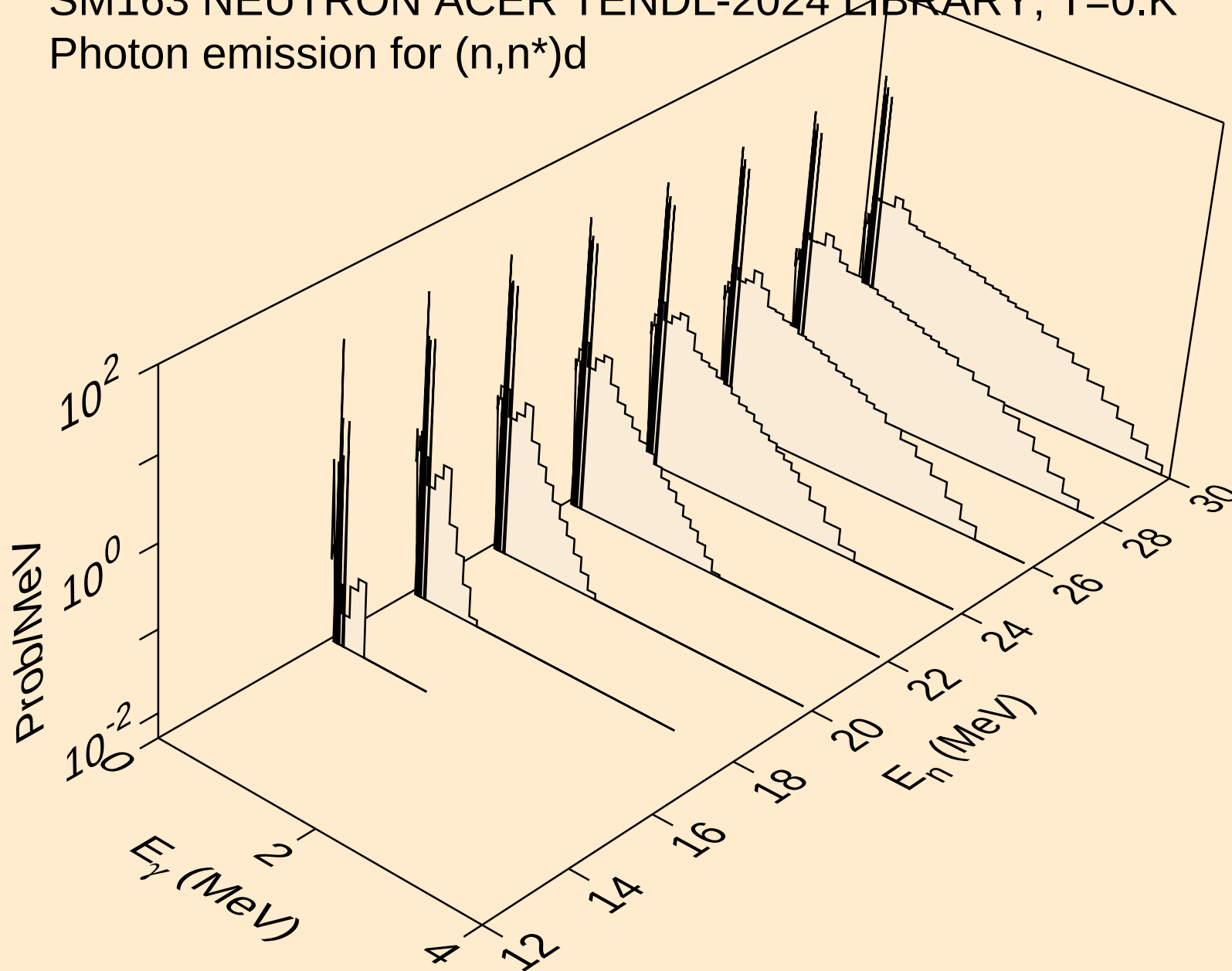
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n) α



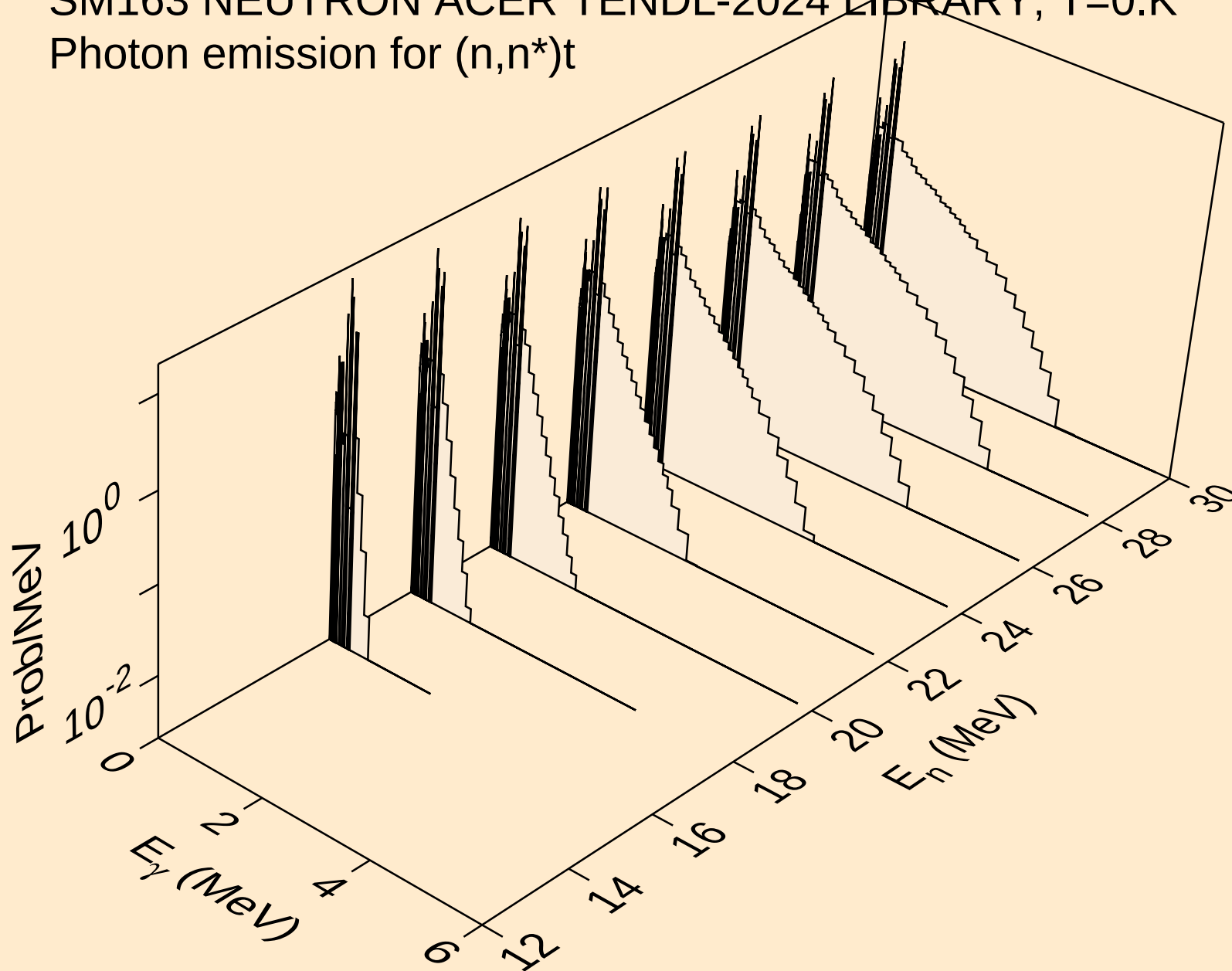
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



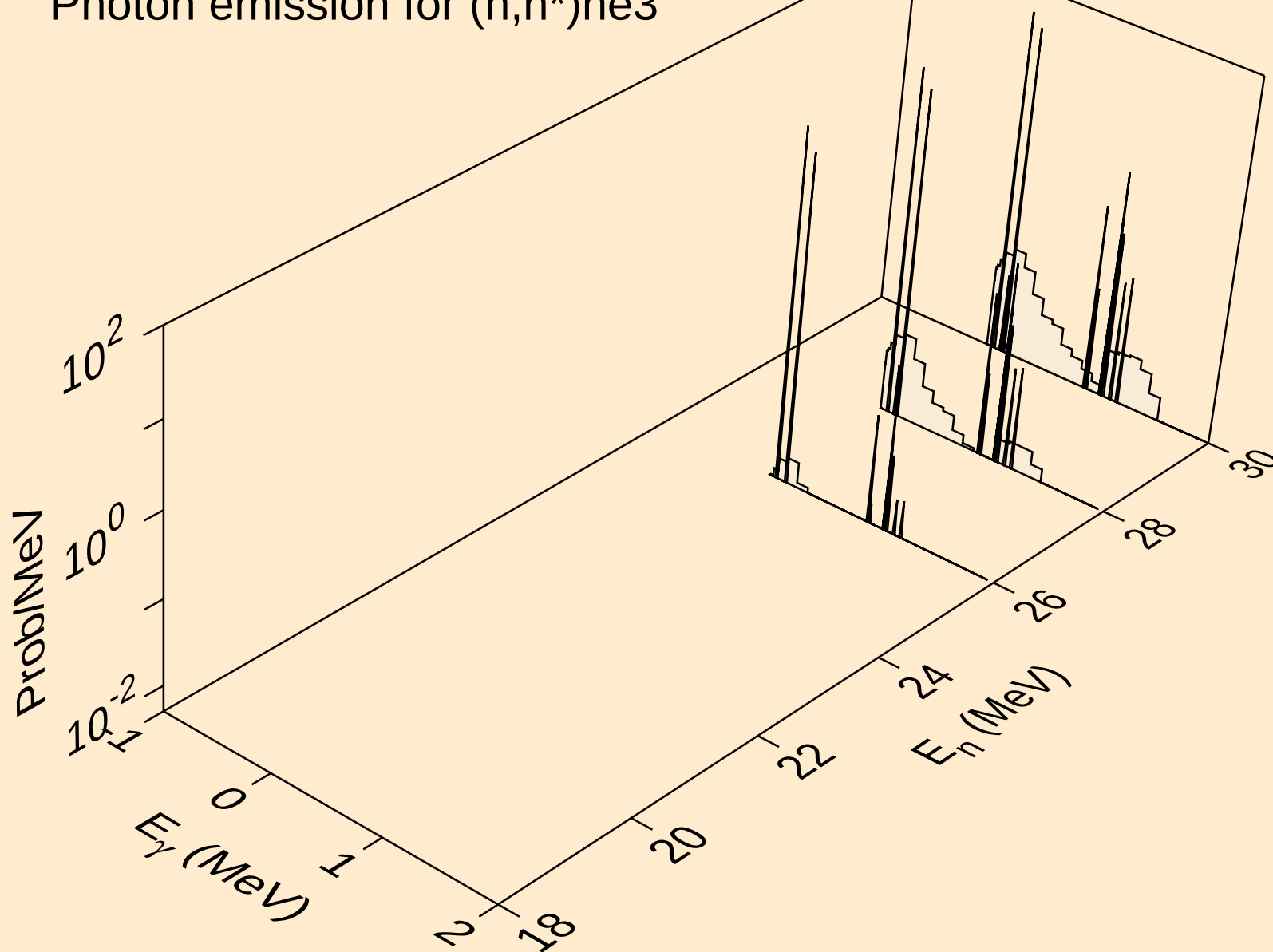
SM163 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)d$



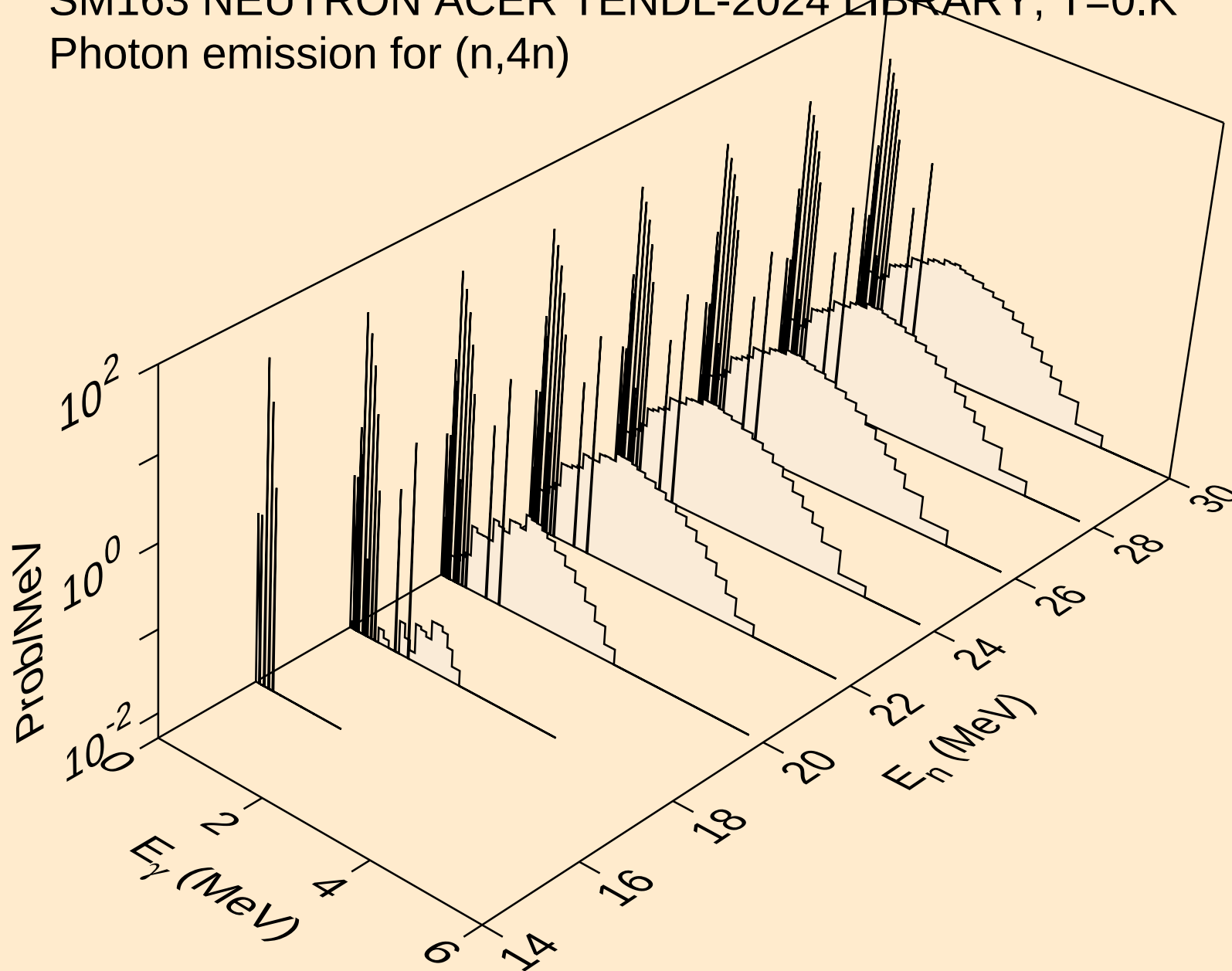
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



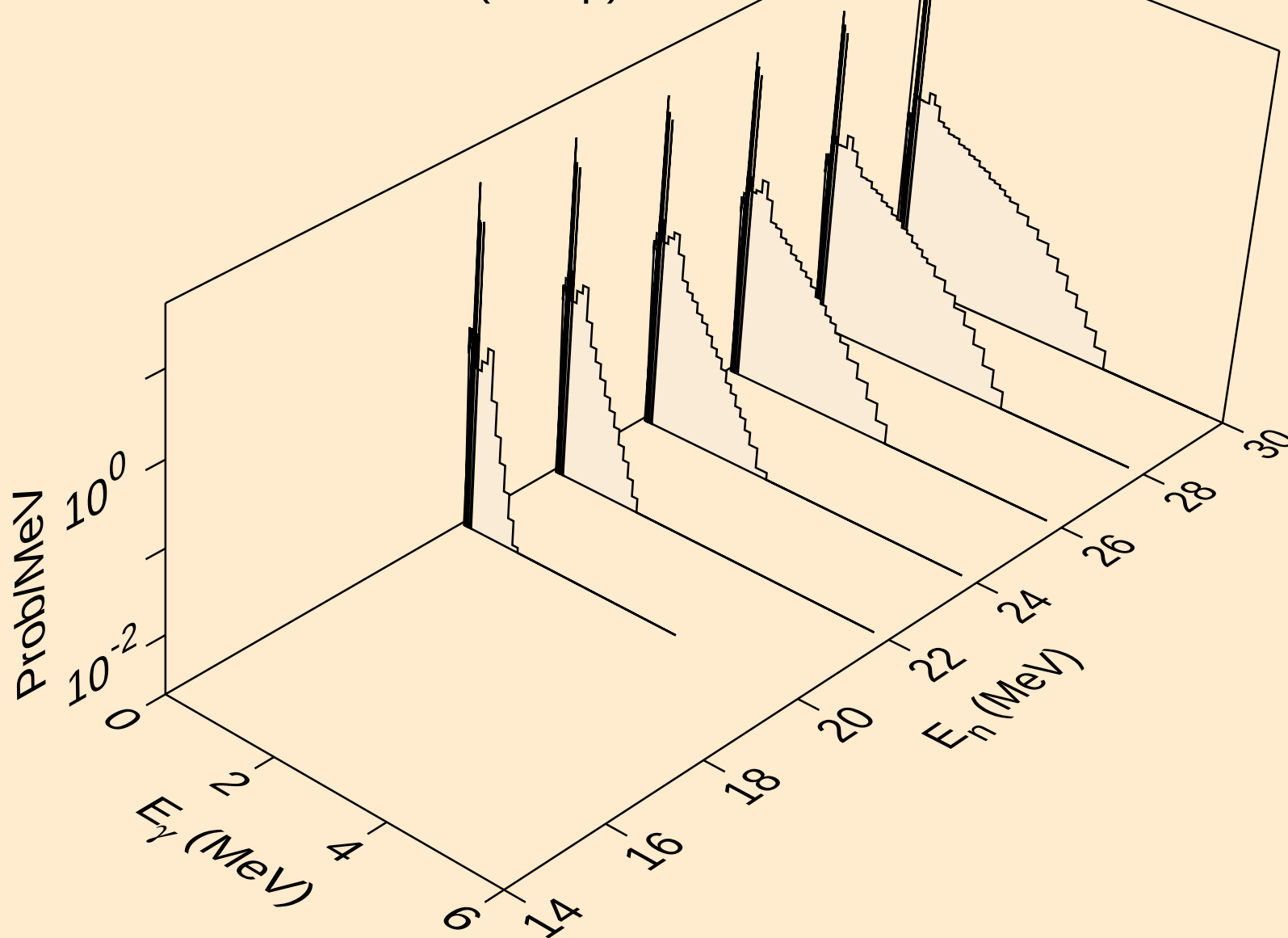
SM163 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)\text{he3}$



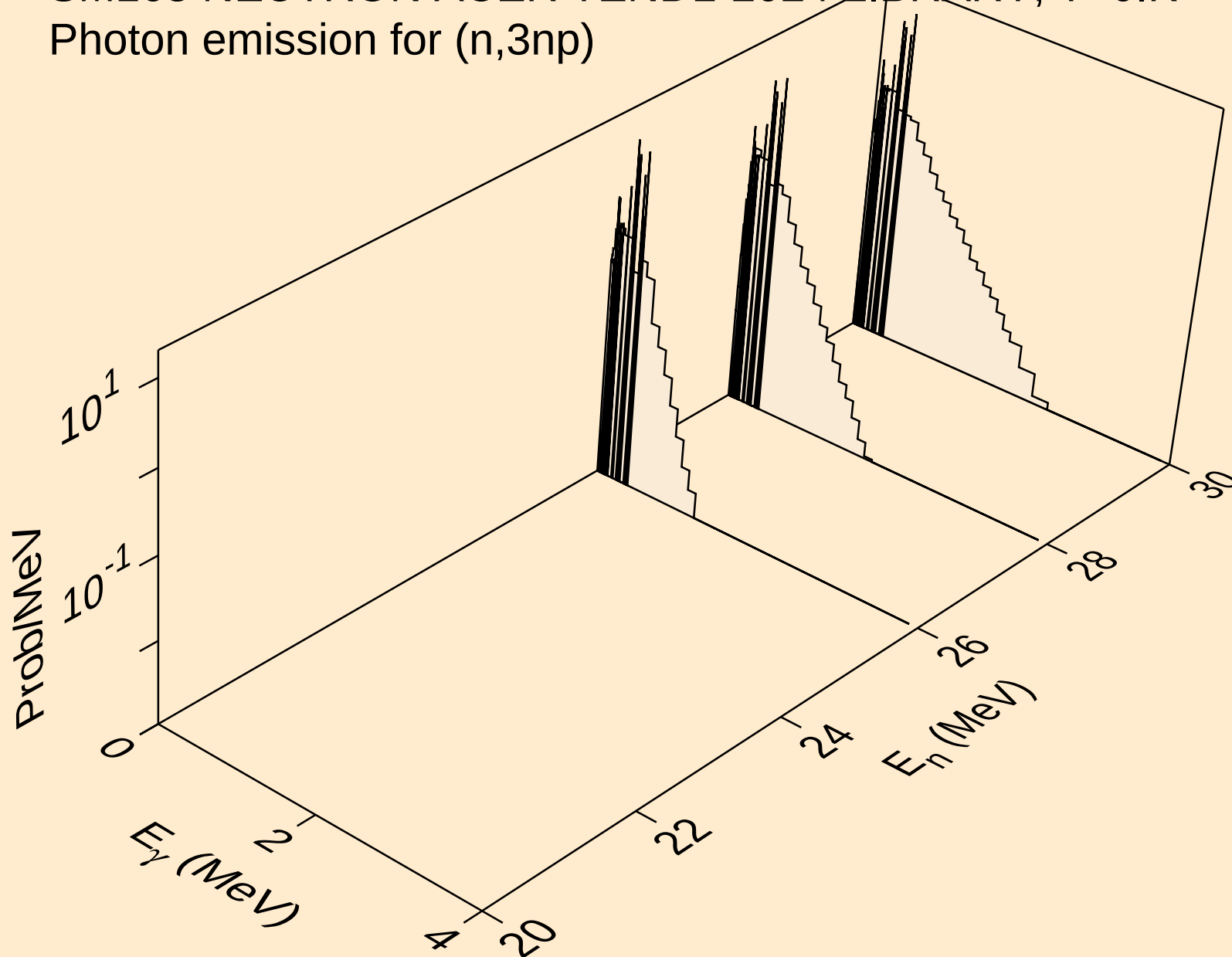
SM163 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,4n)



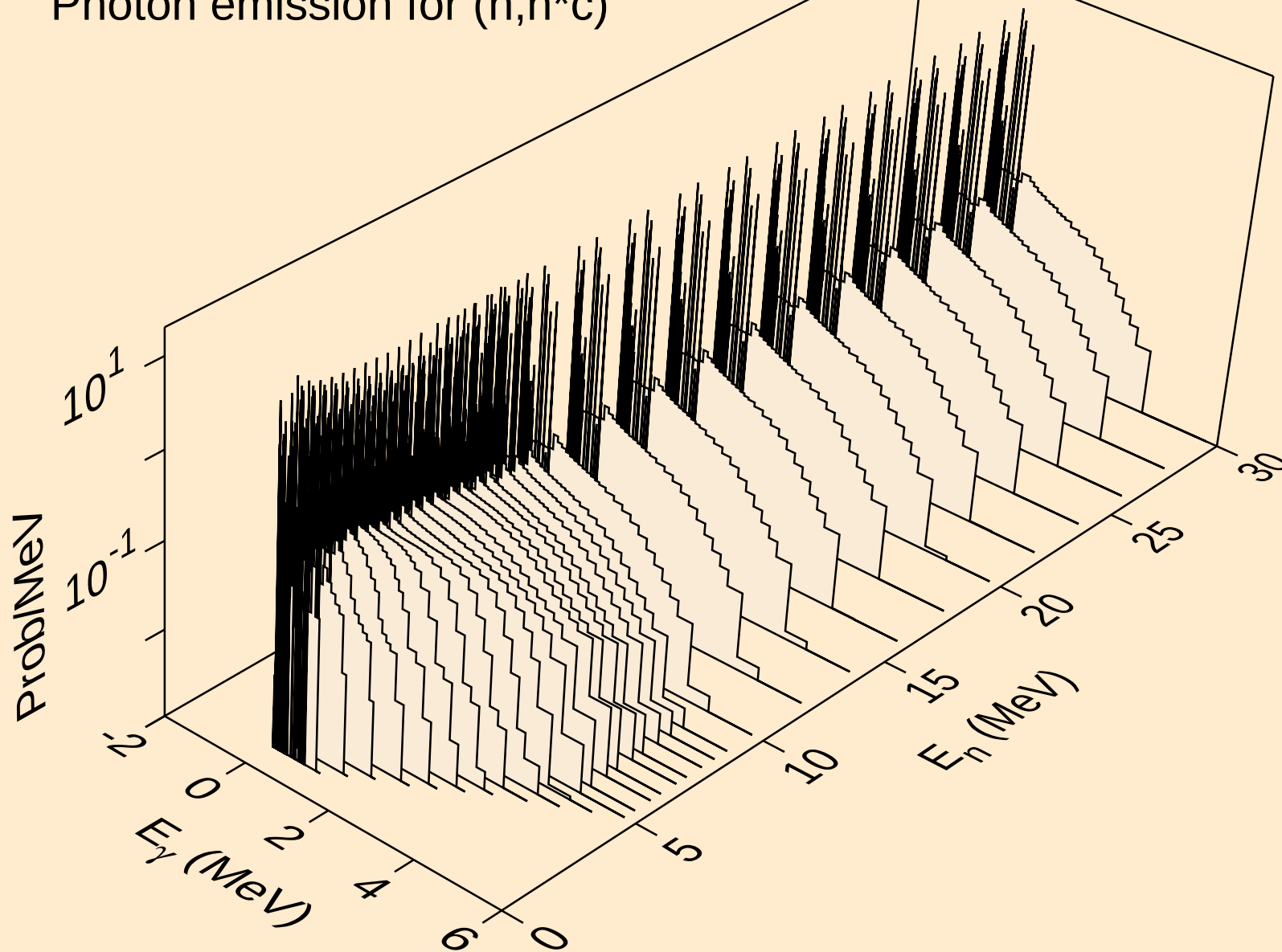
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



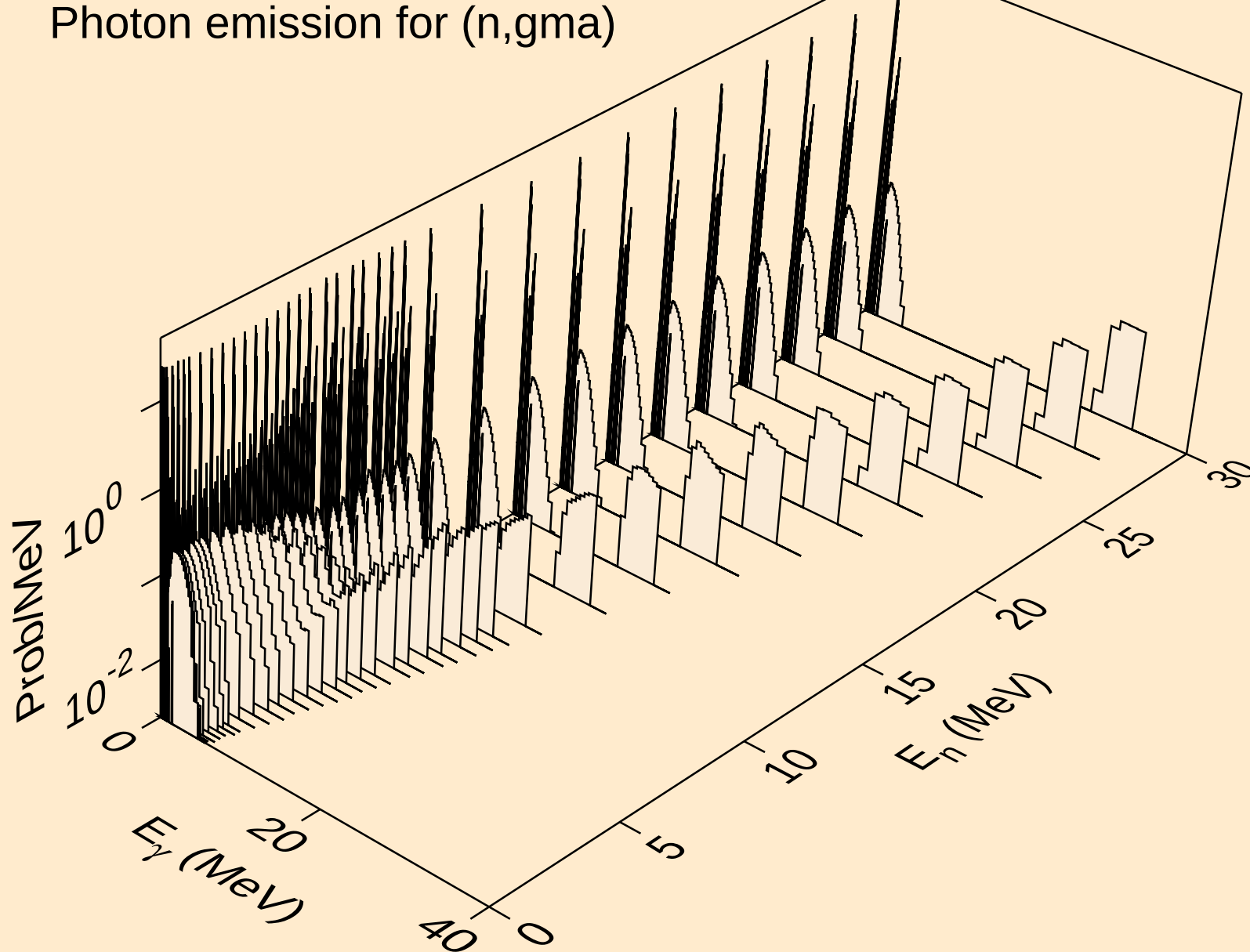
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



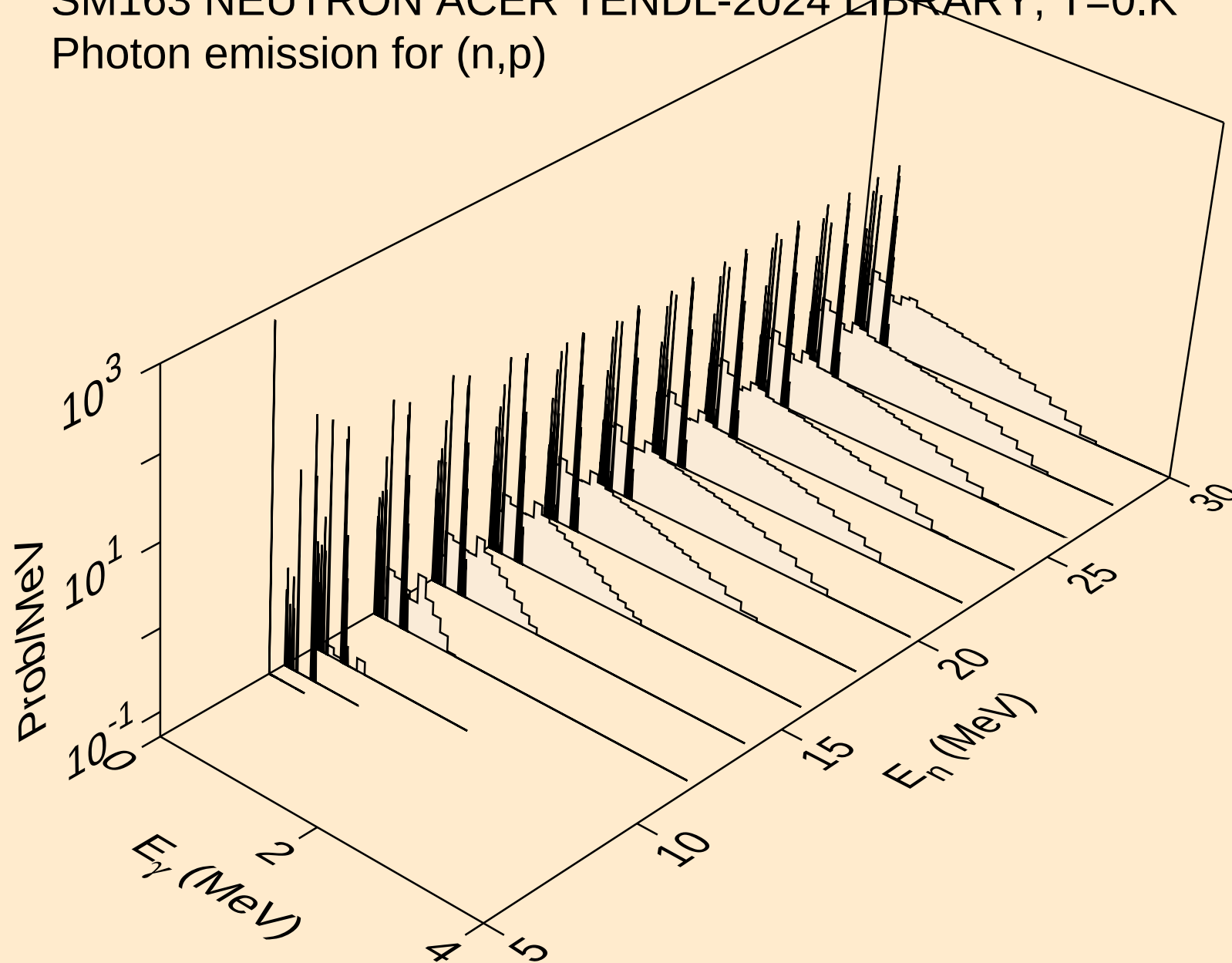
SM163 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,n*c)



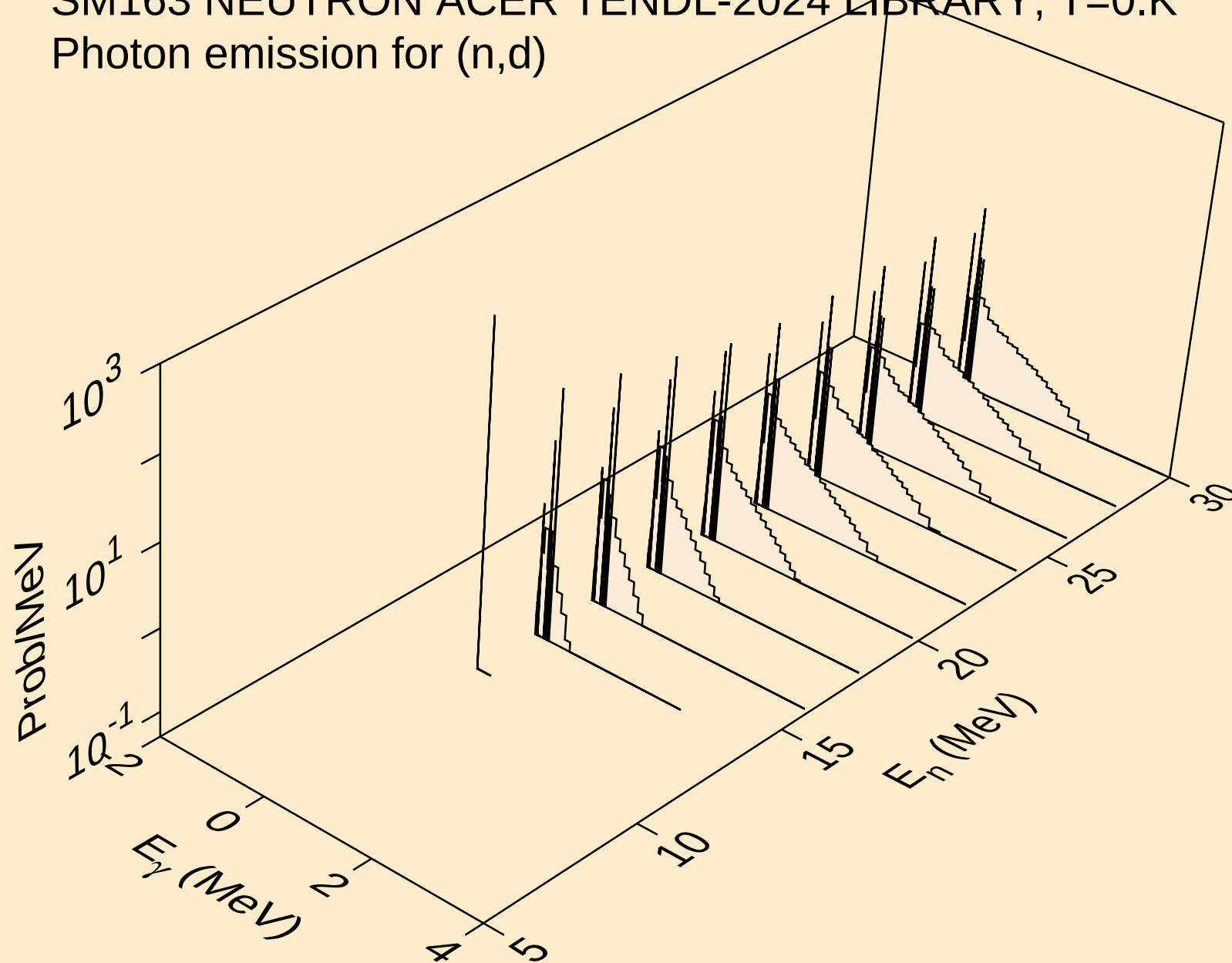
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



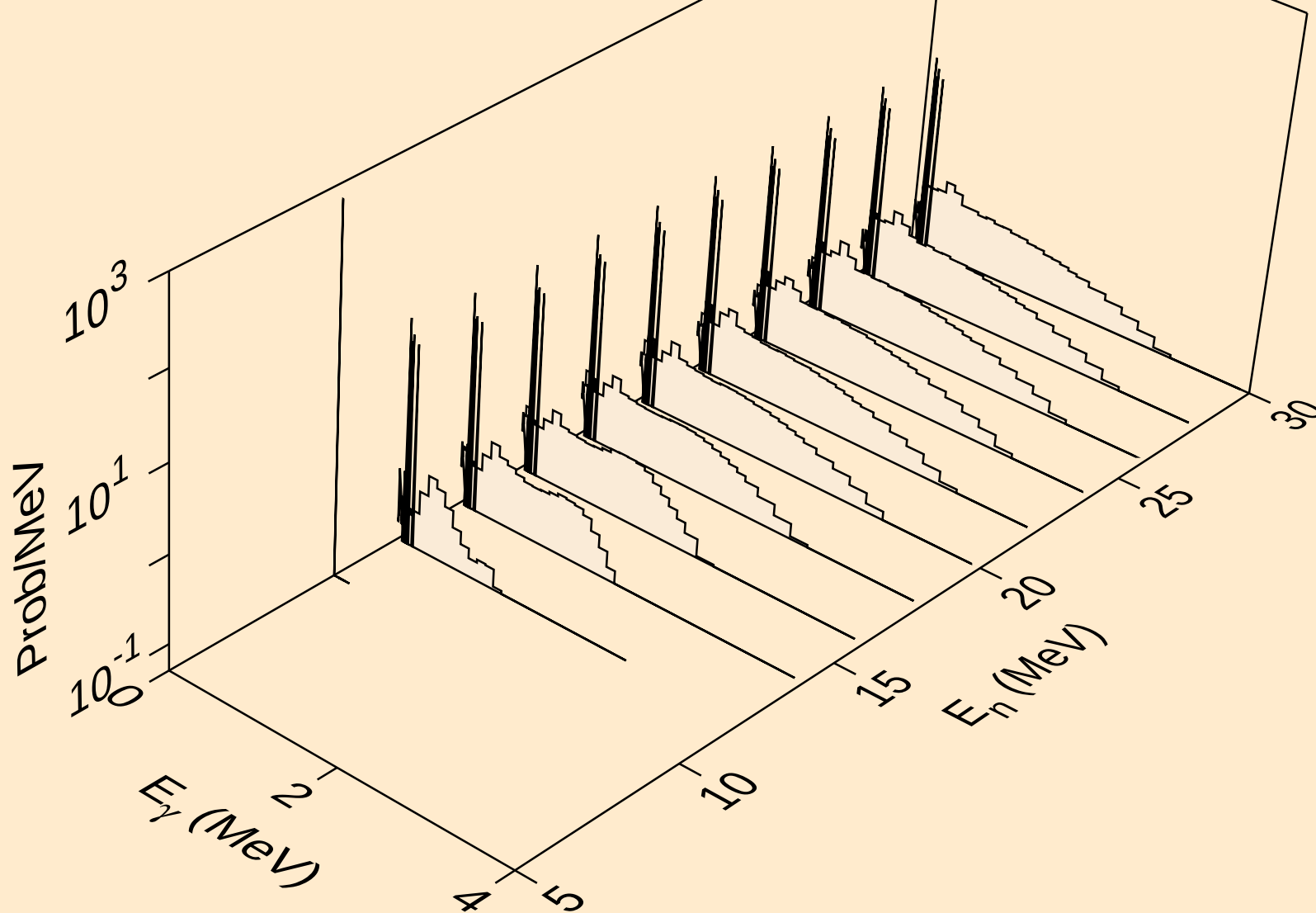
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



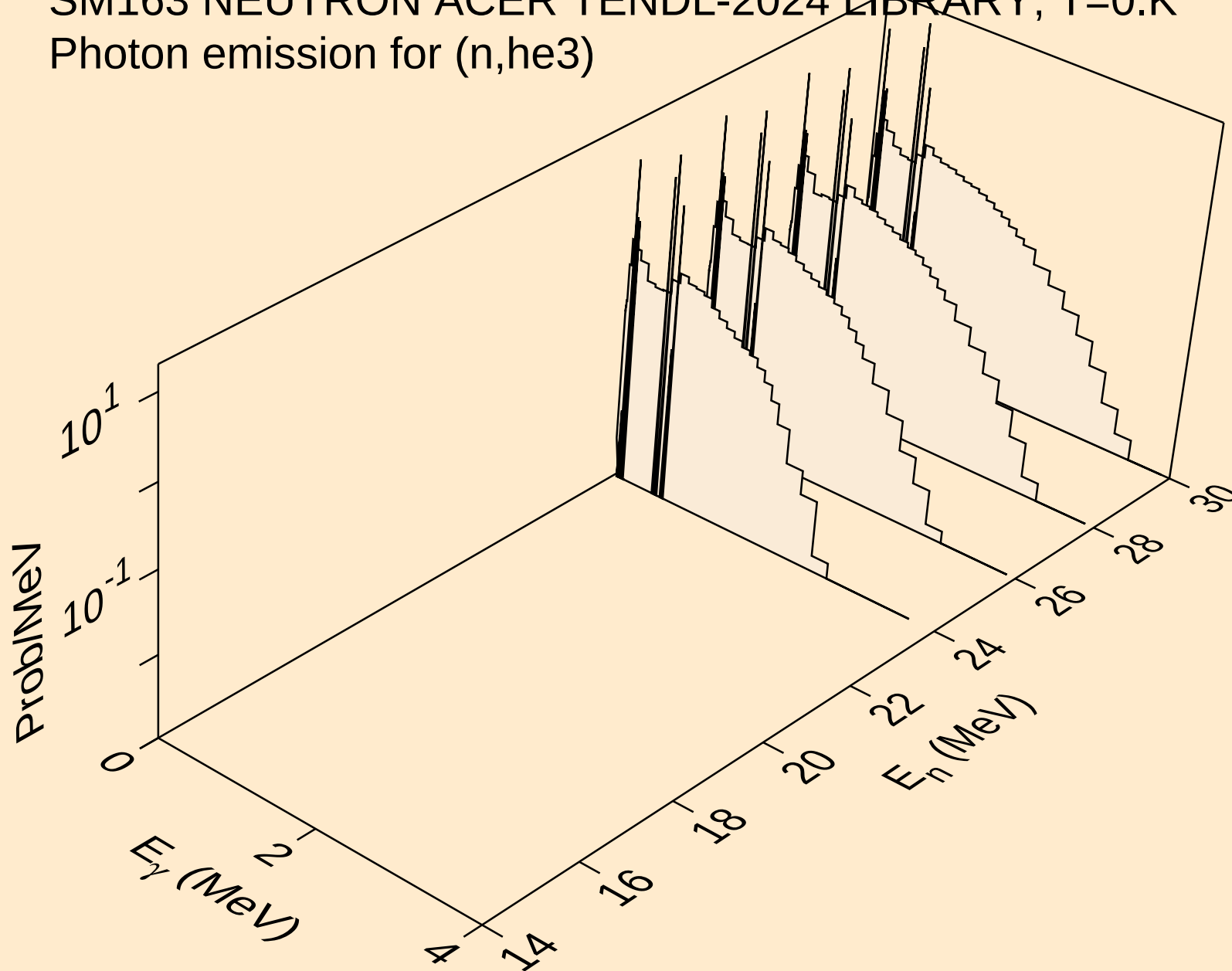
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



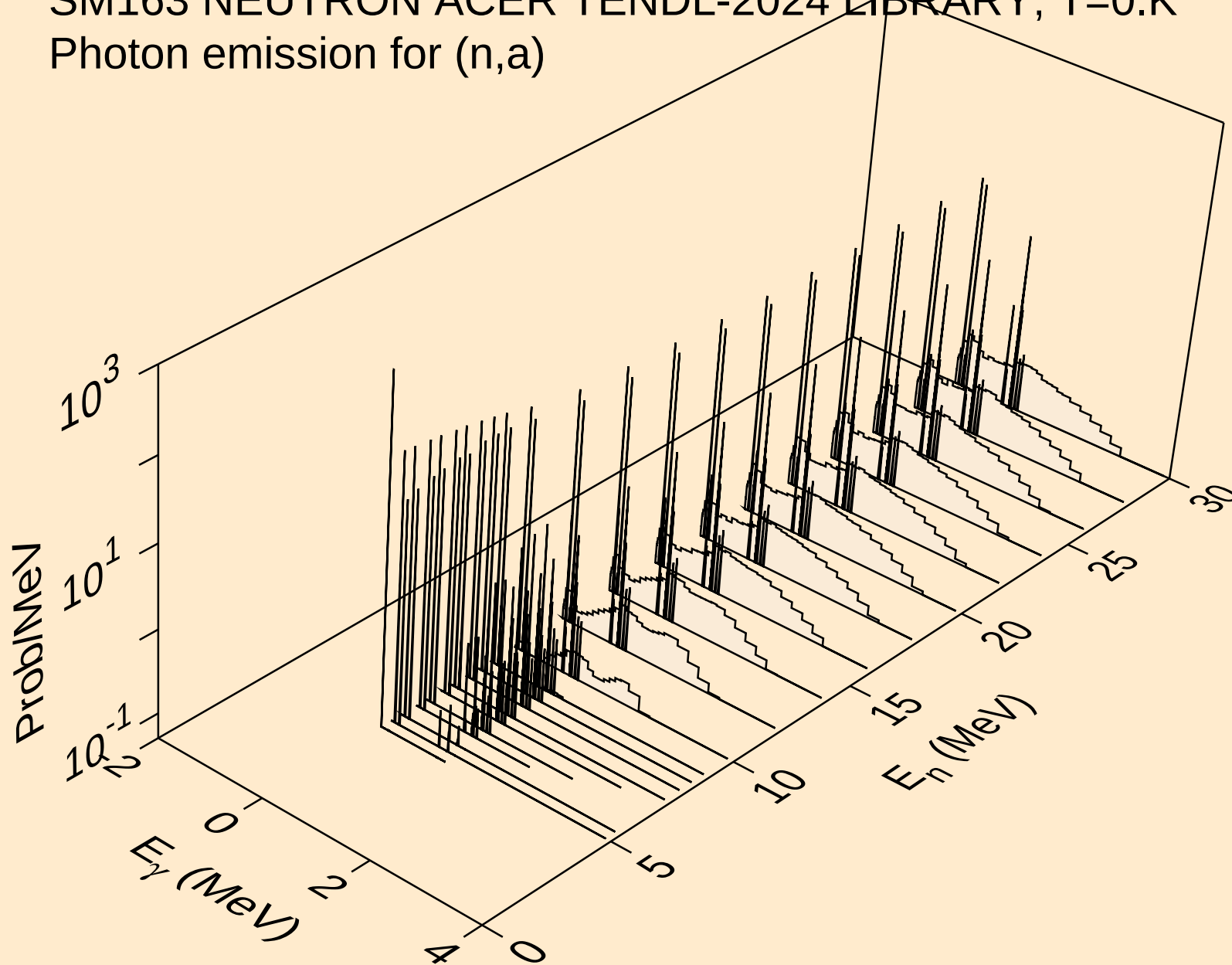
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



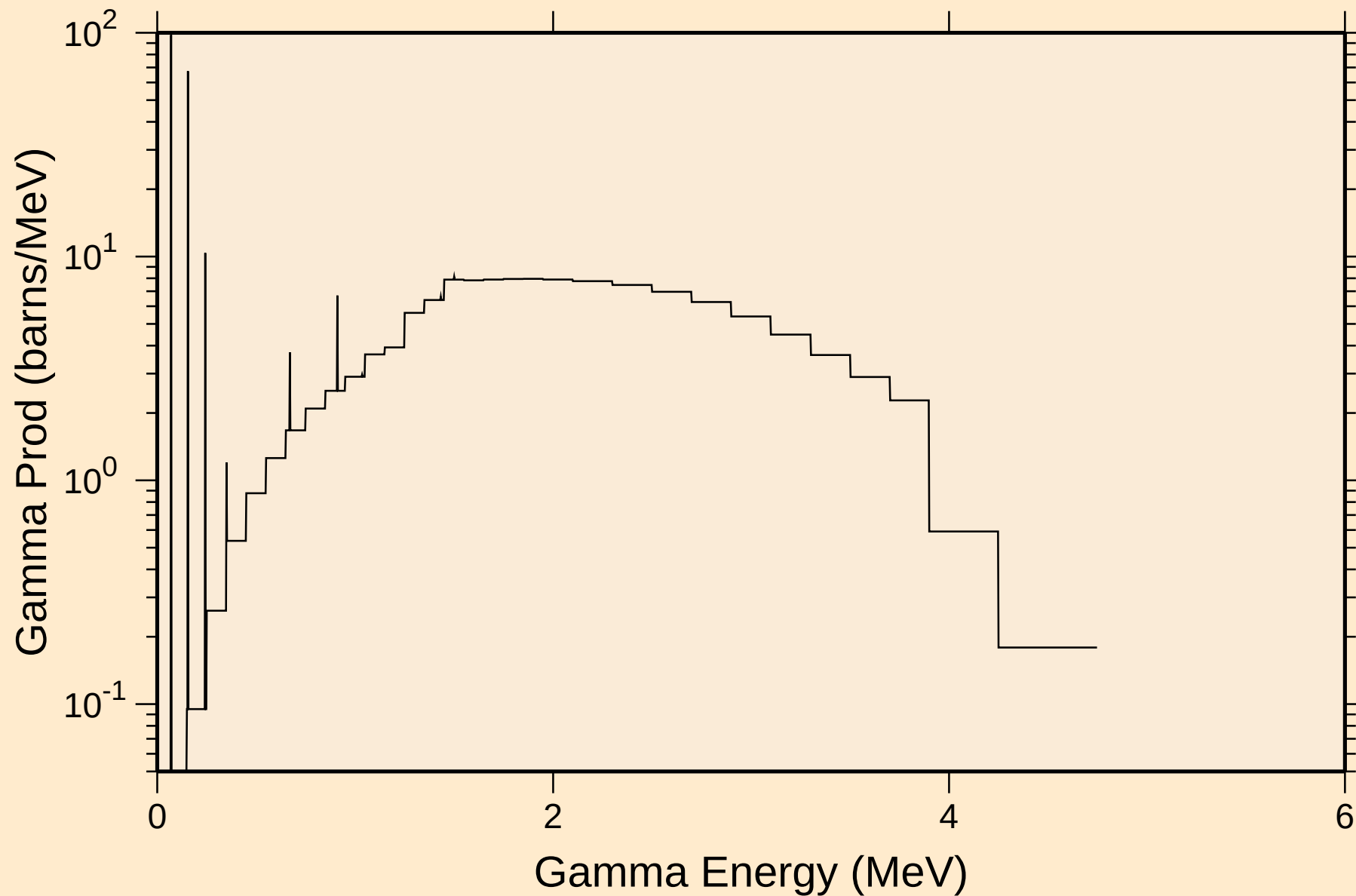
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



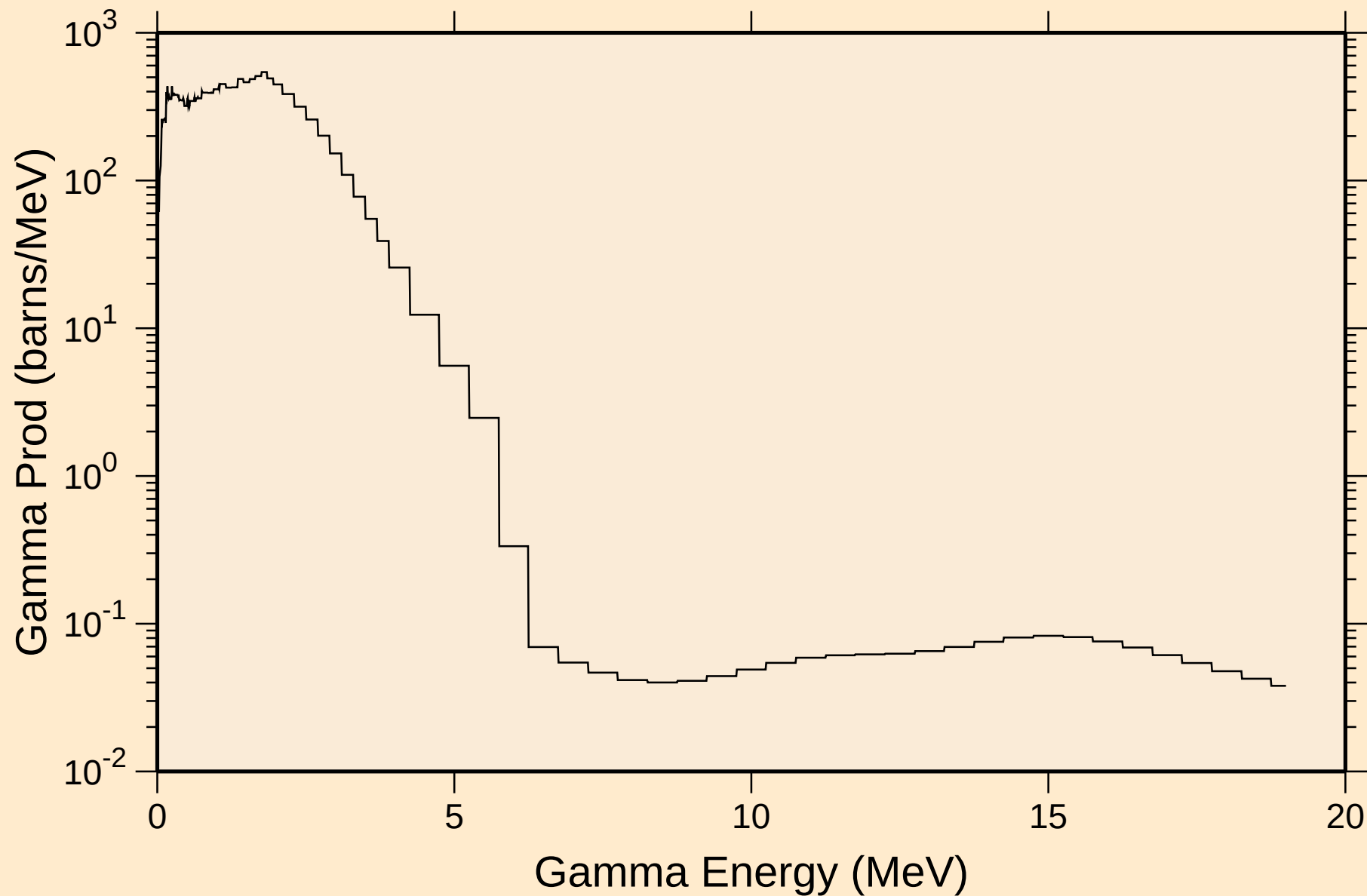
SM163 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,a)



SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

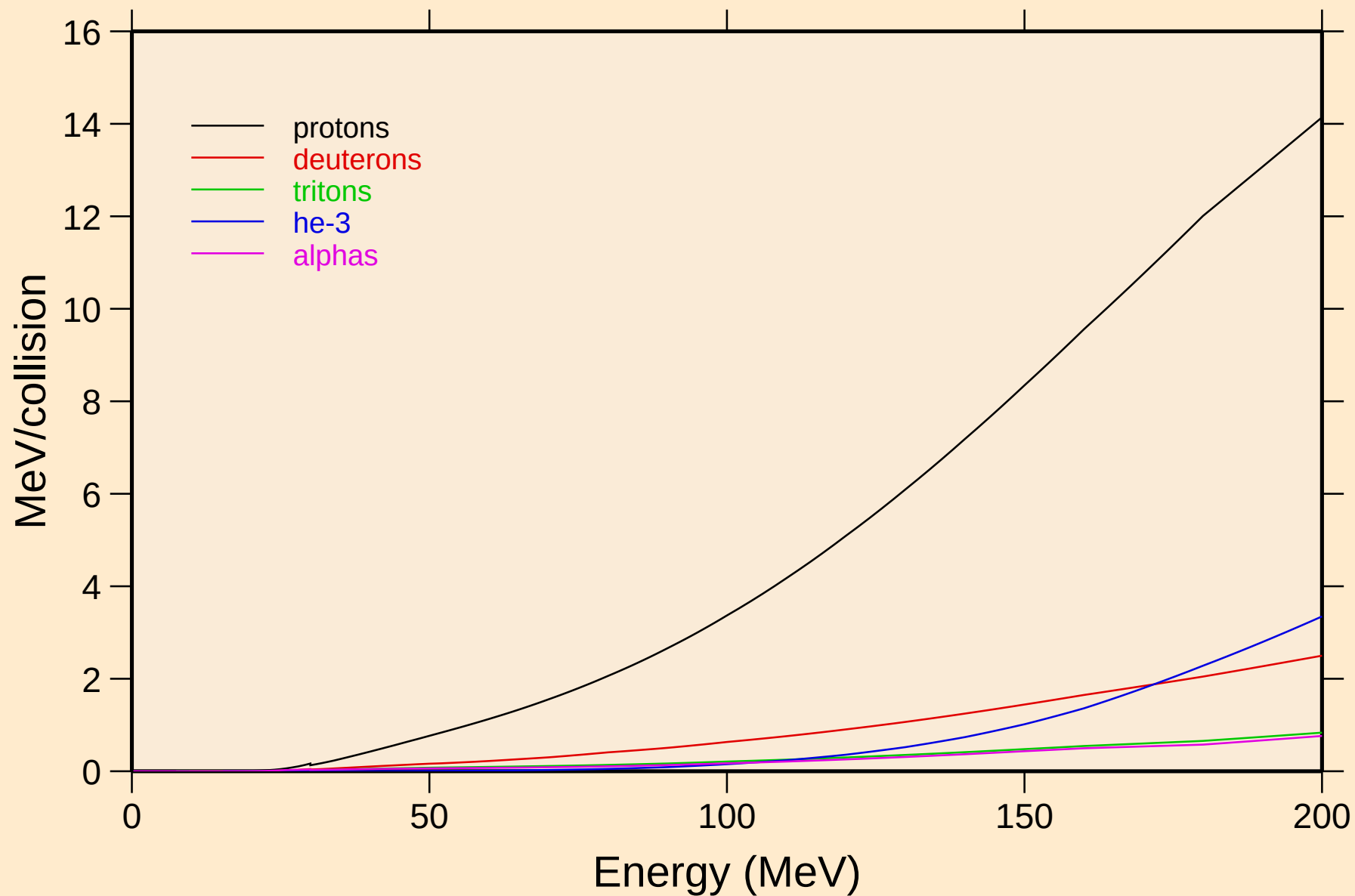


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum

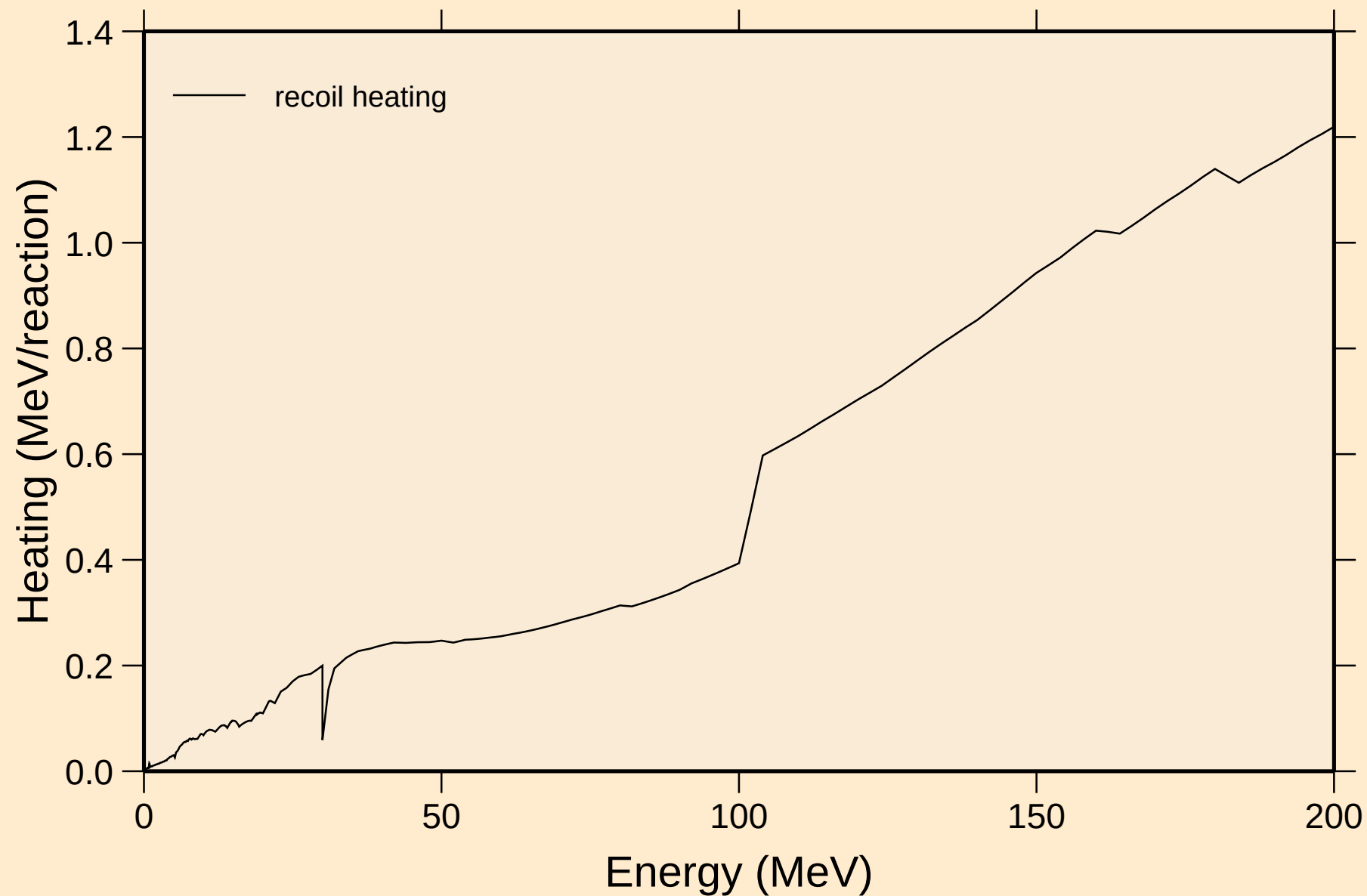


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions

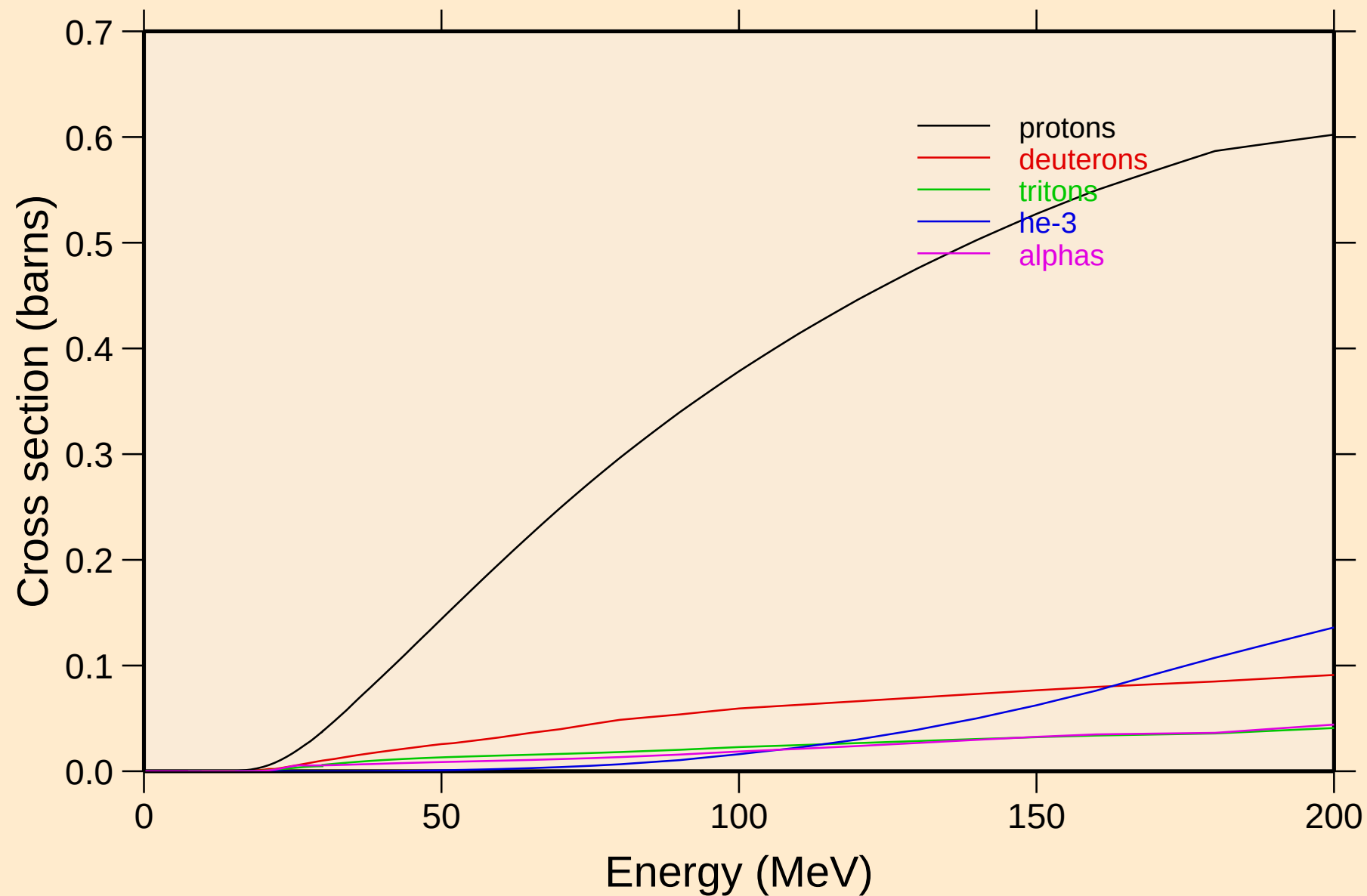


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating

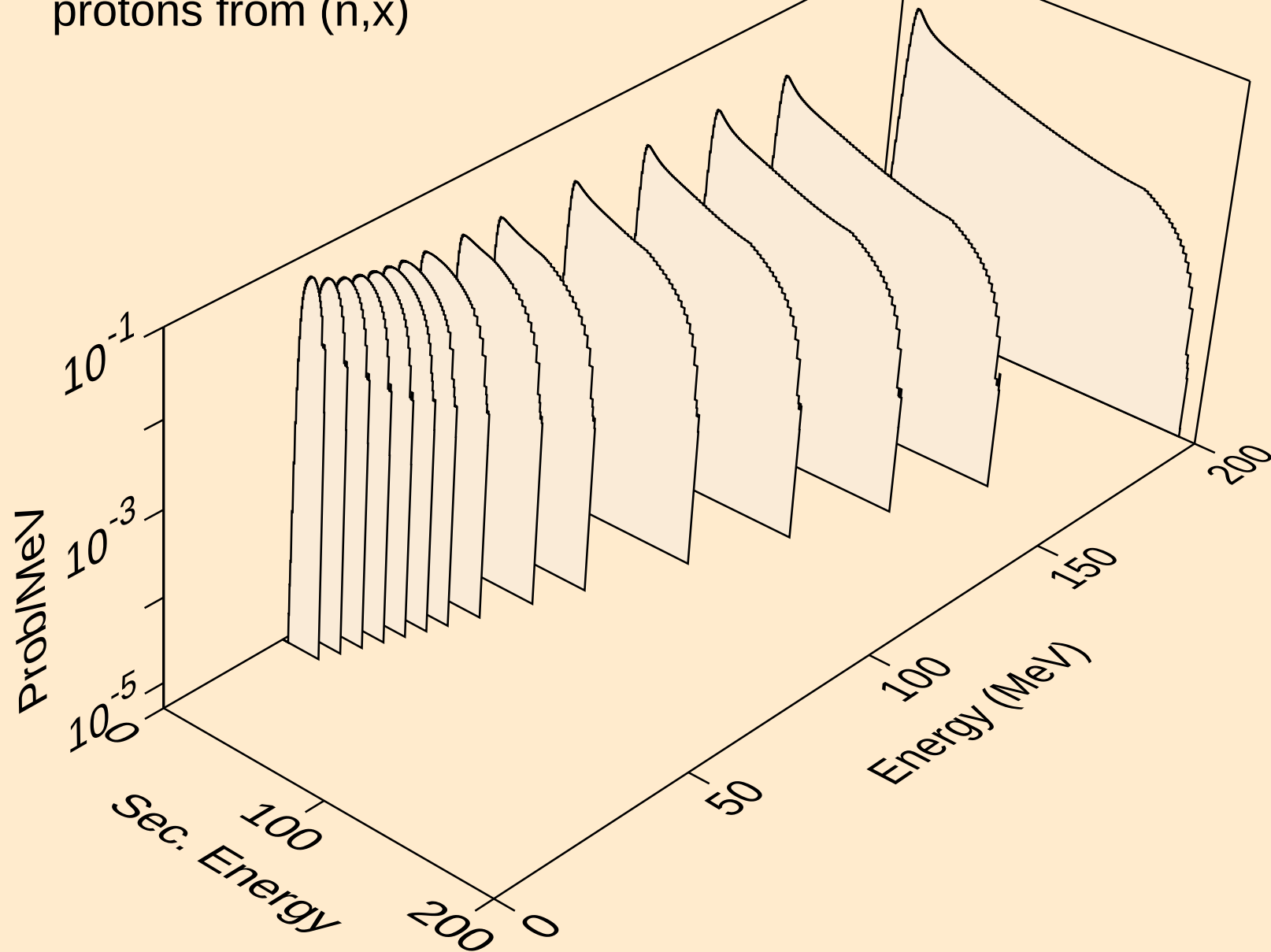


SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

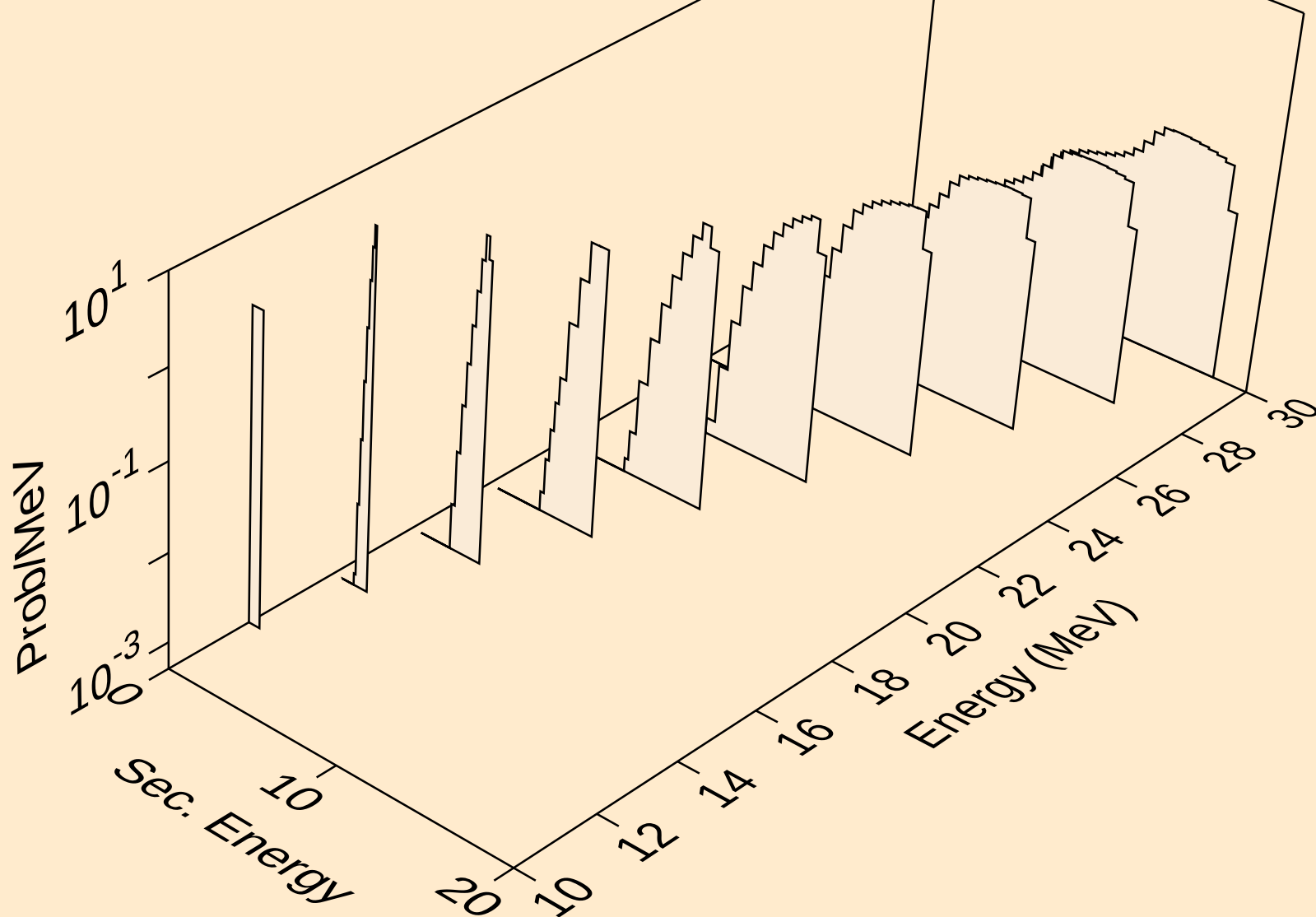
Particle production cross sections



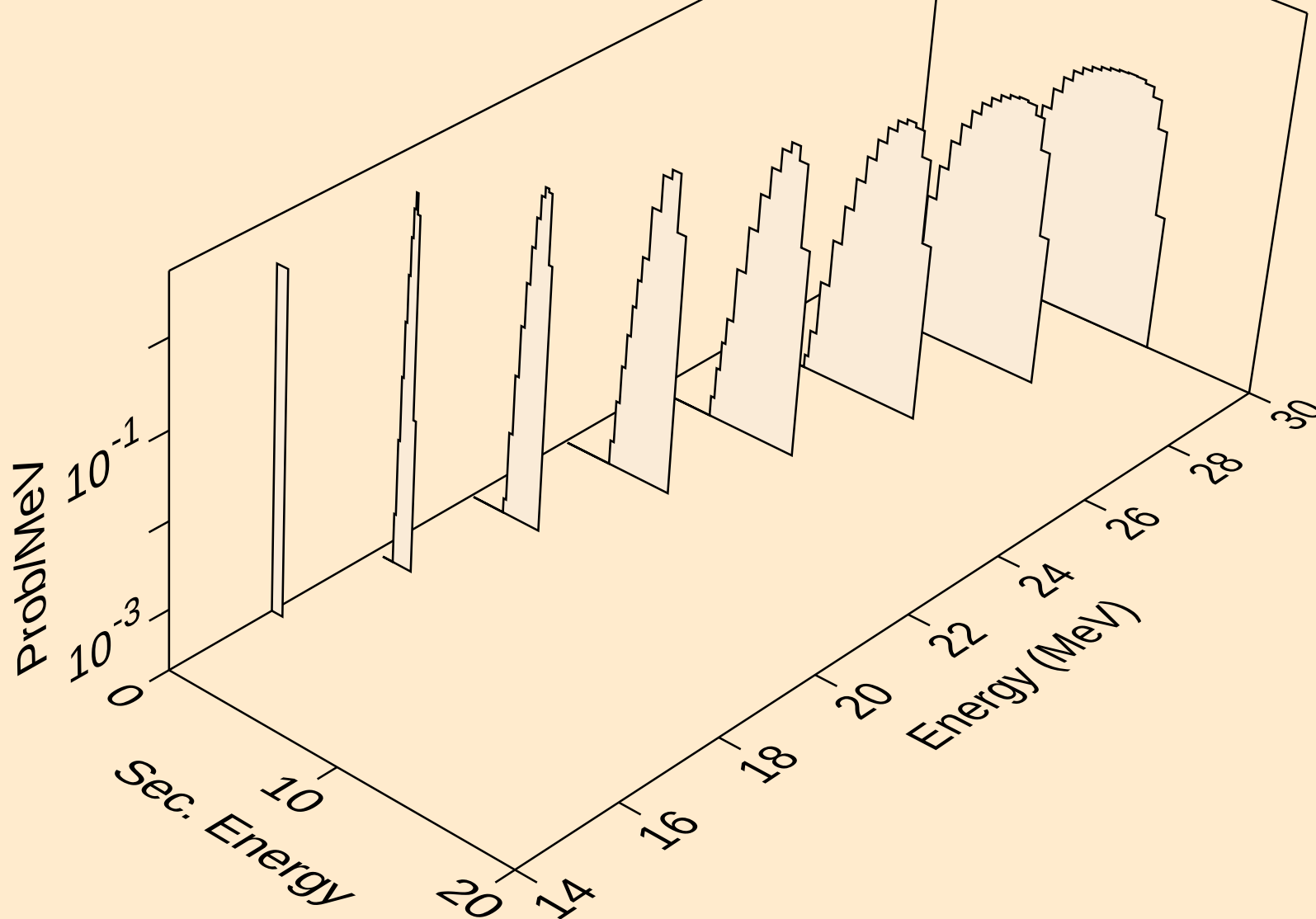
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



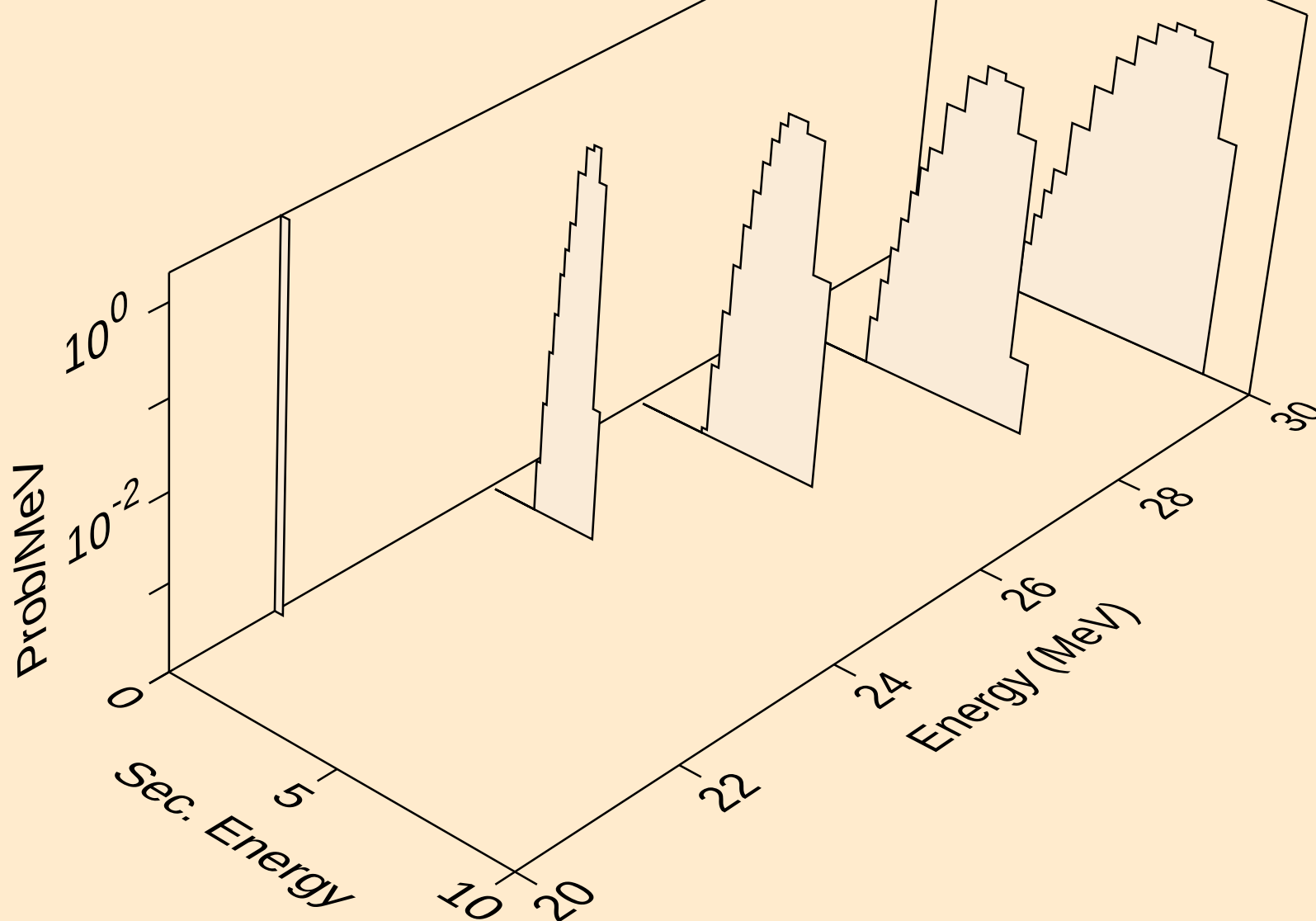
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



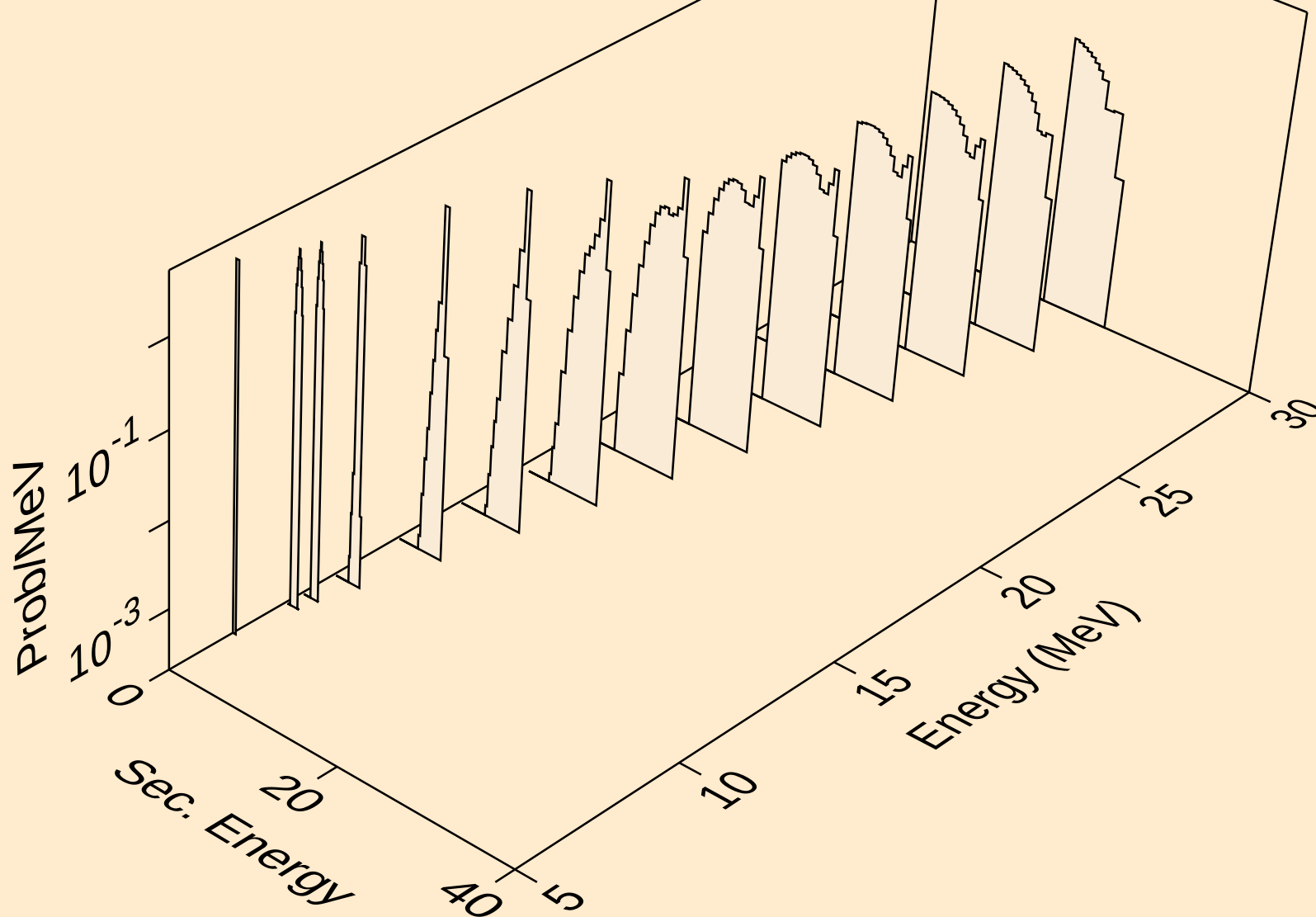
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



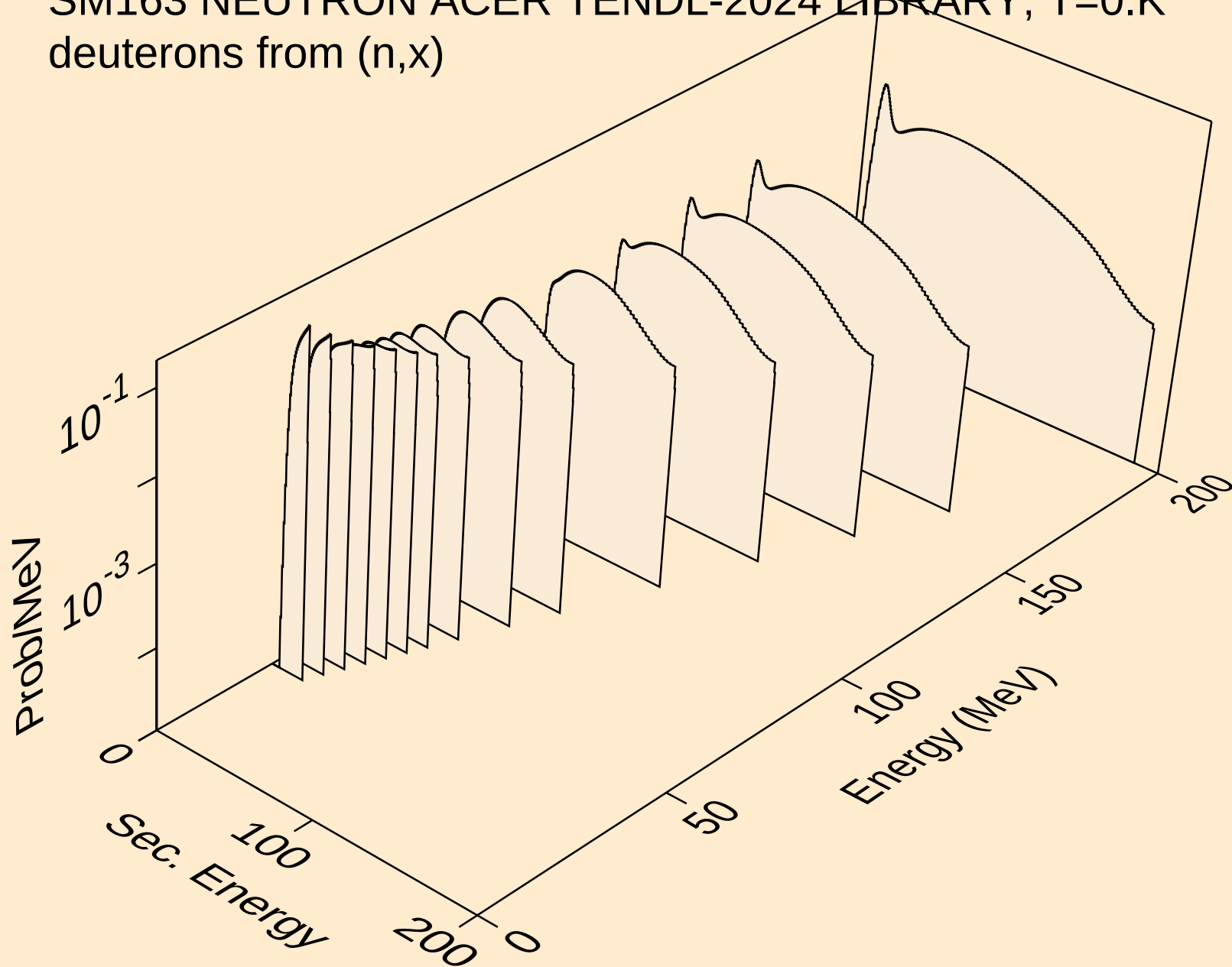
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,3np)



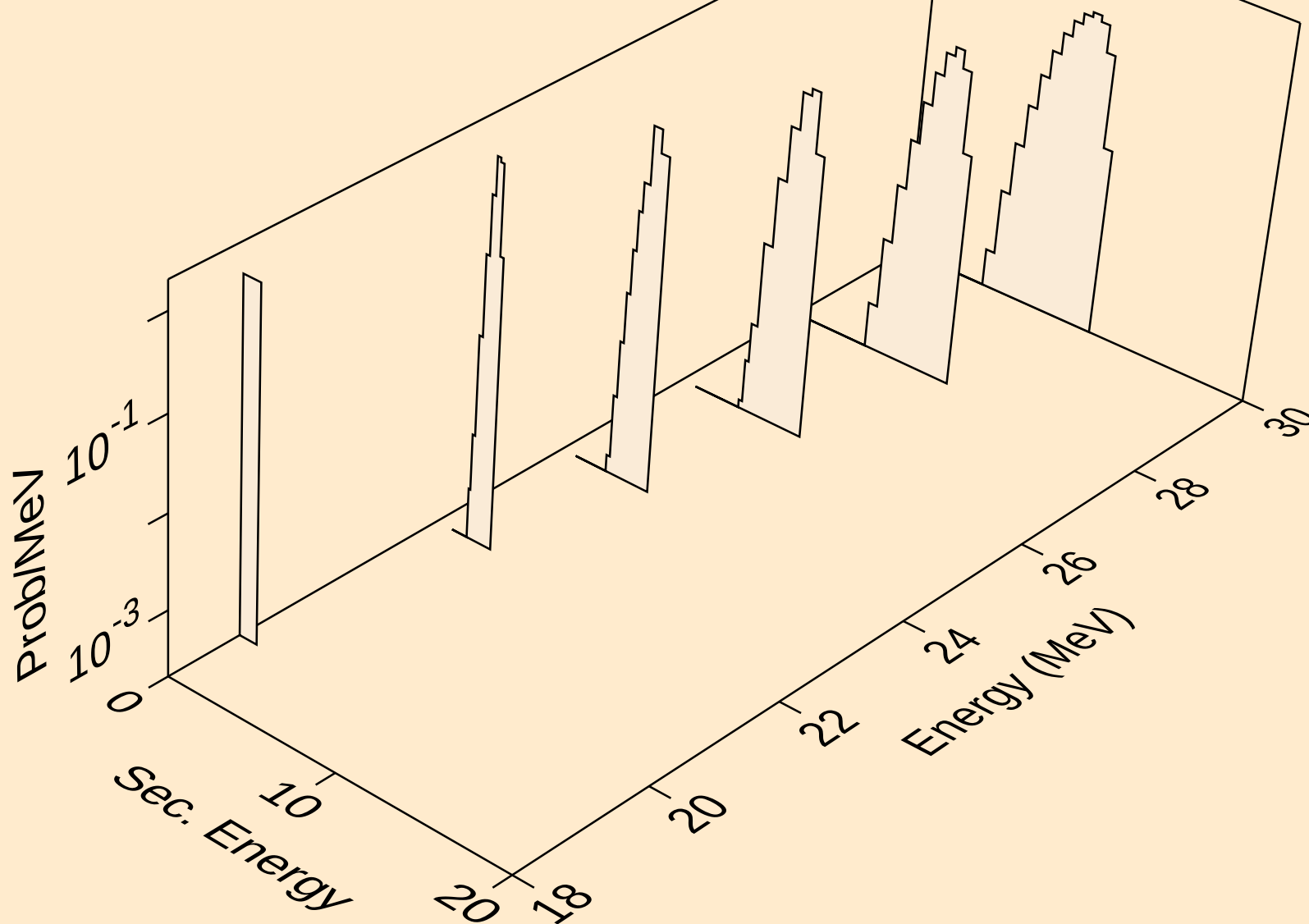
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



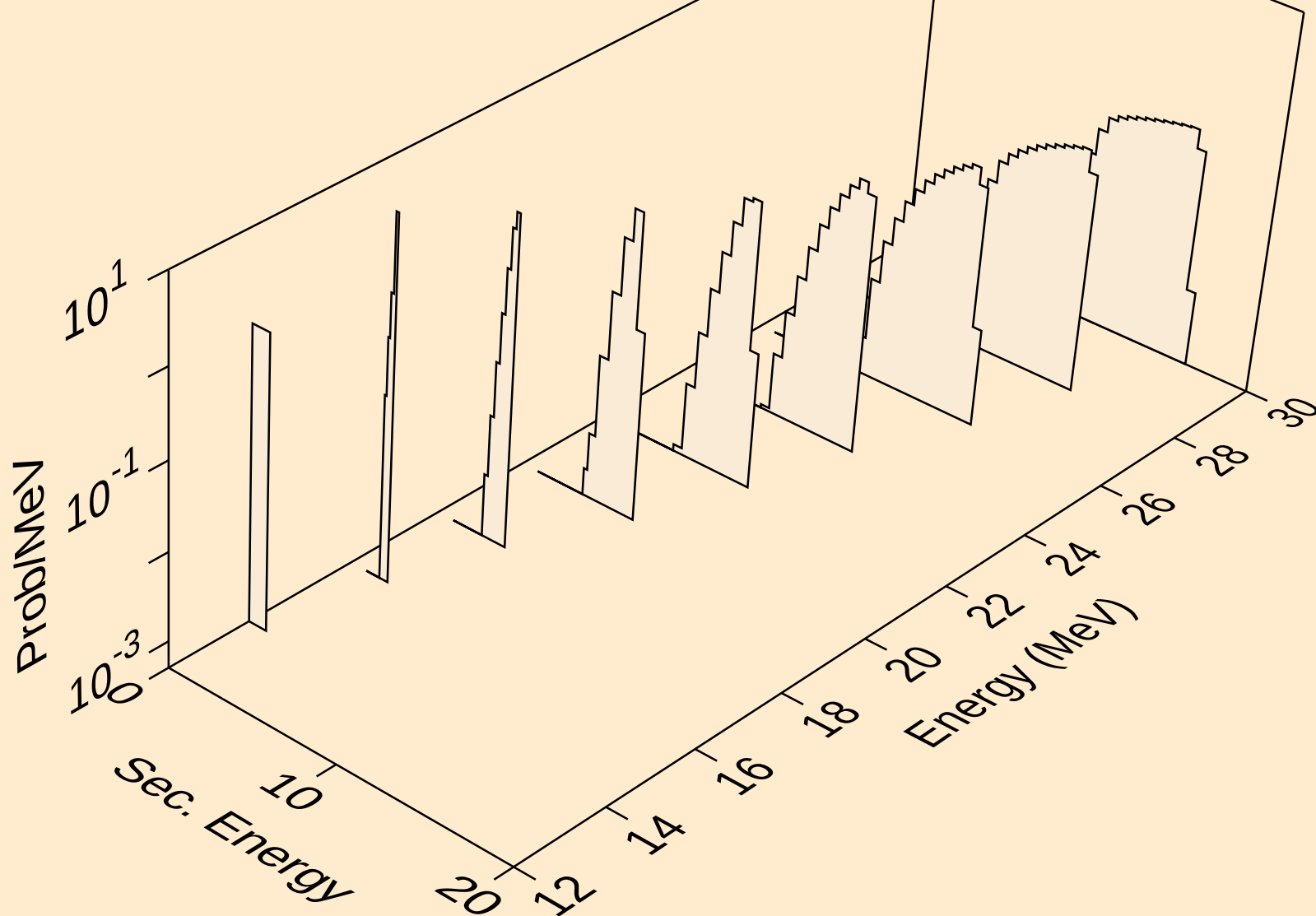
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



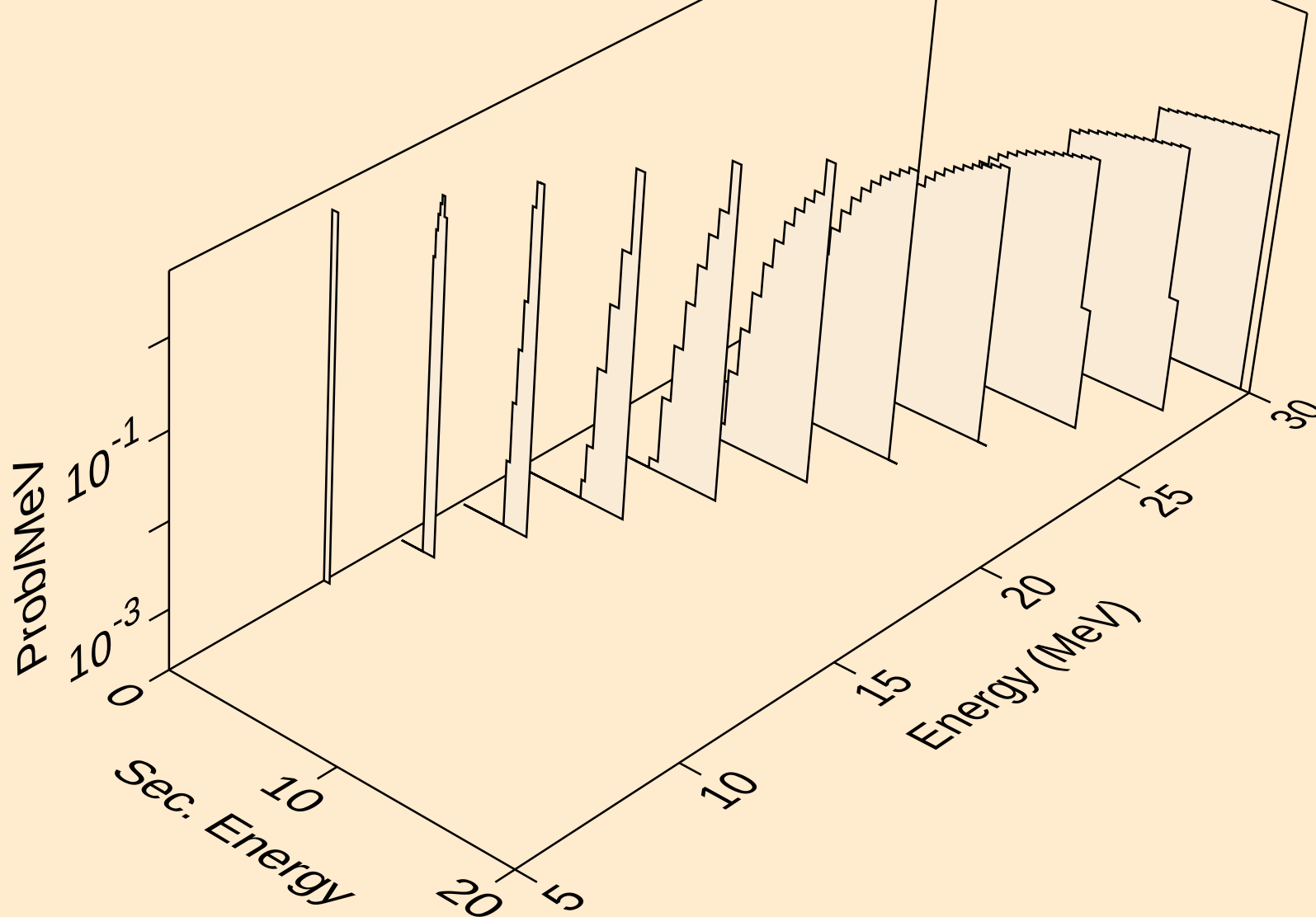
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,2nd)



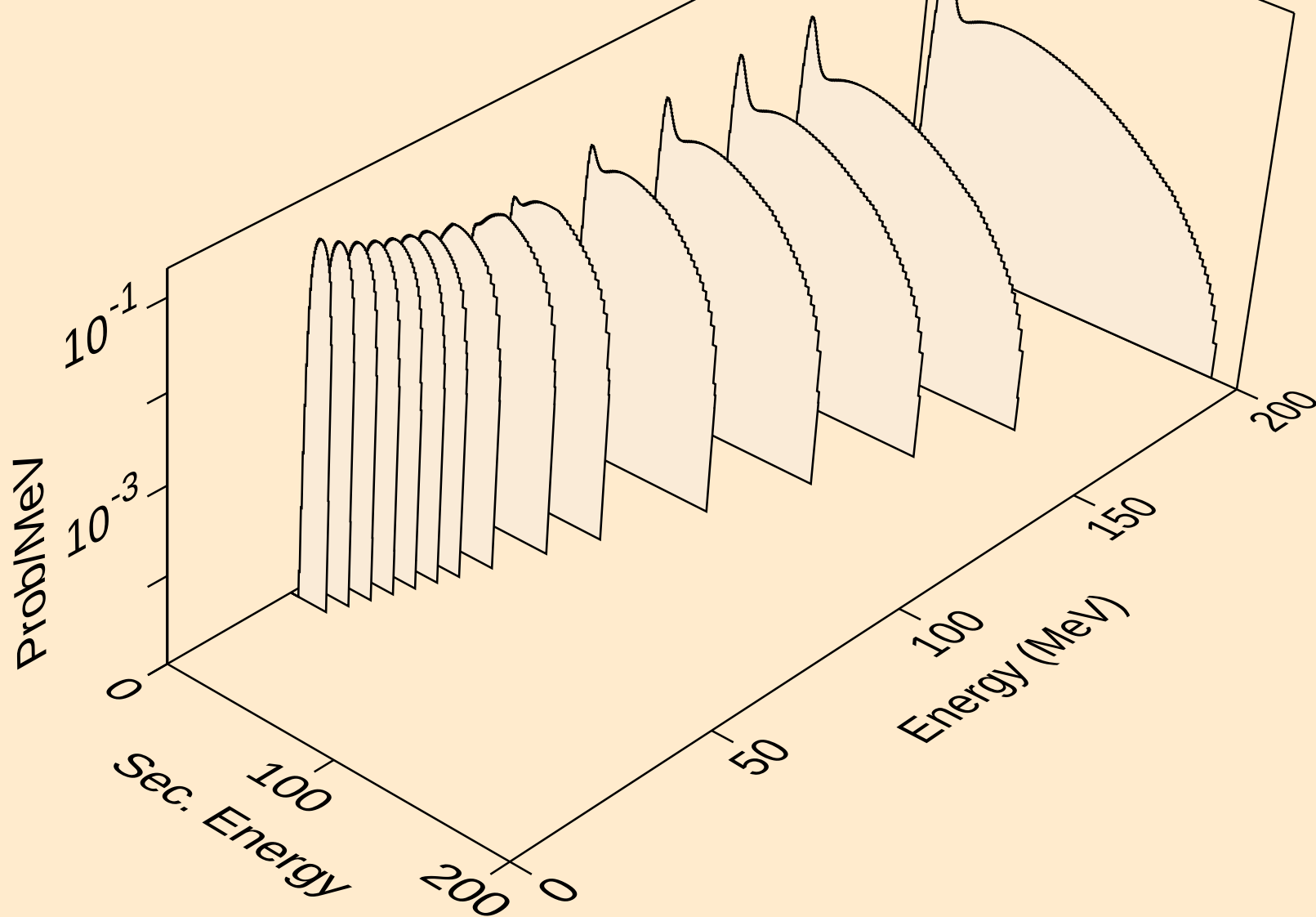
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



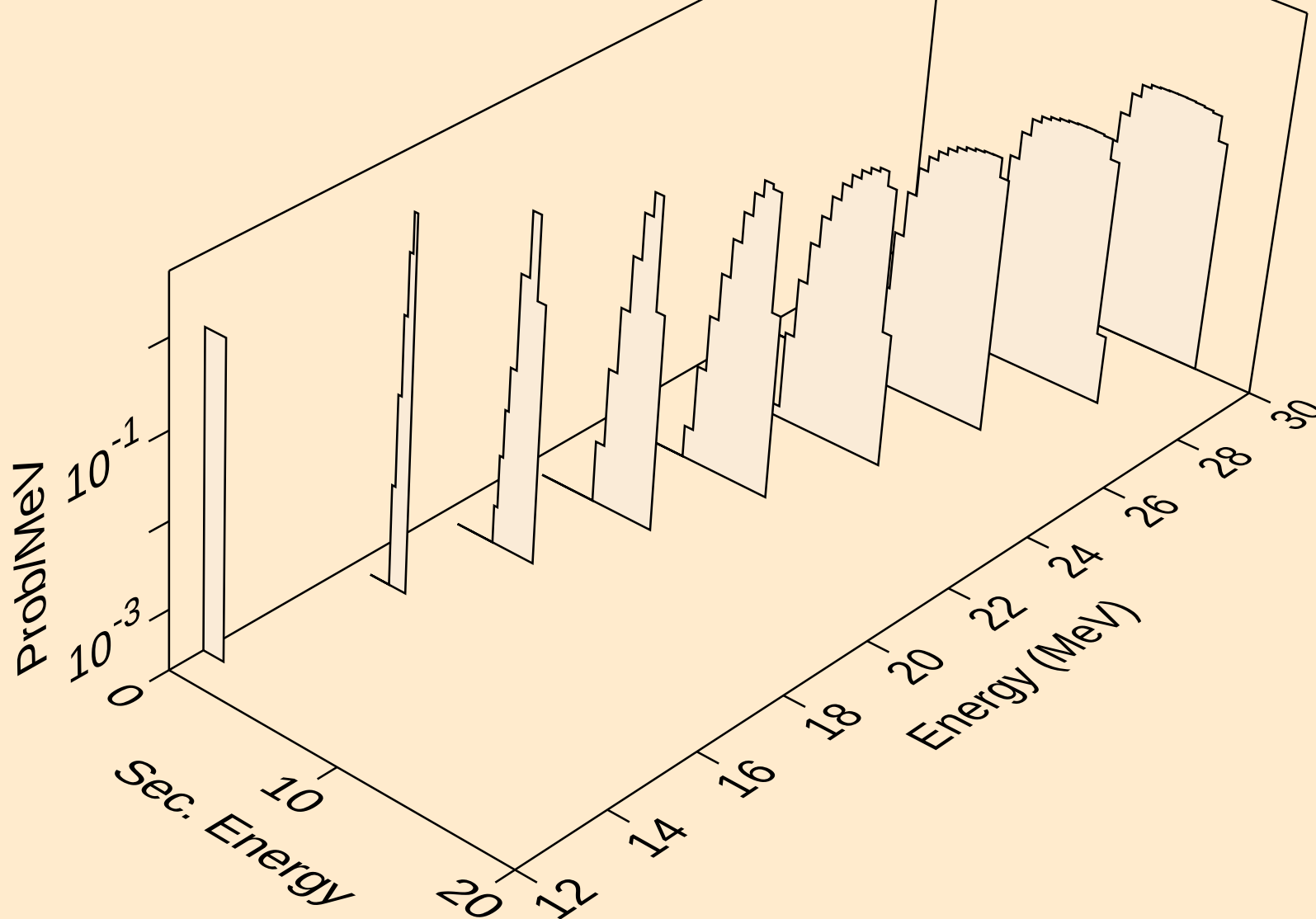
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,d)



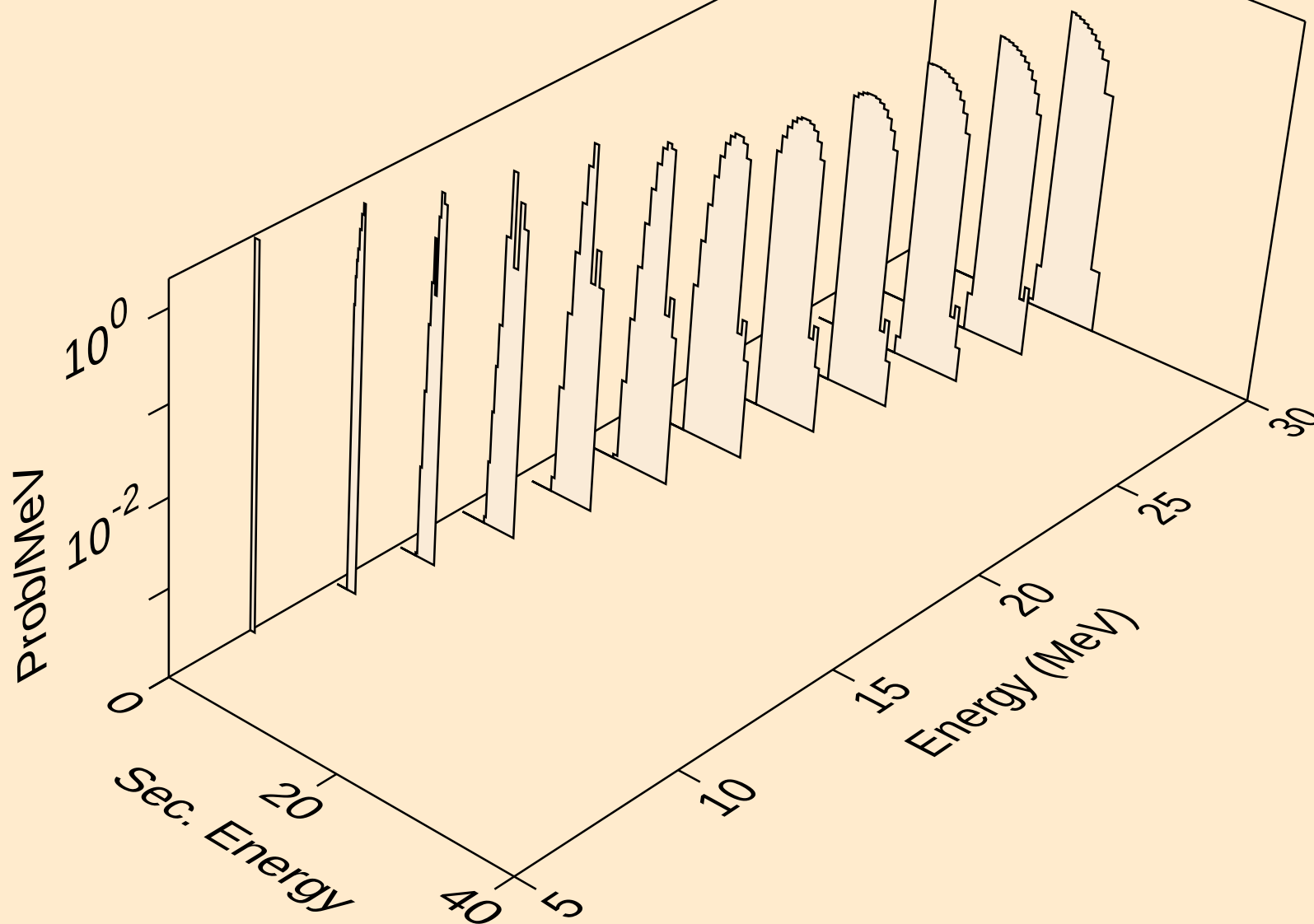
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,x)



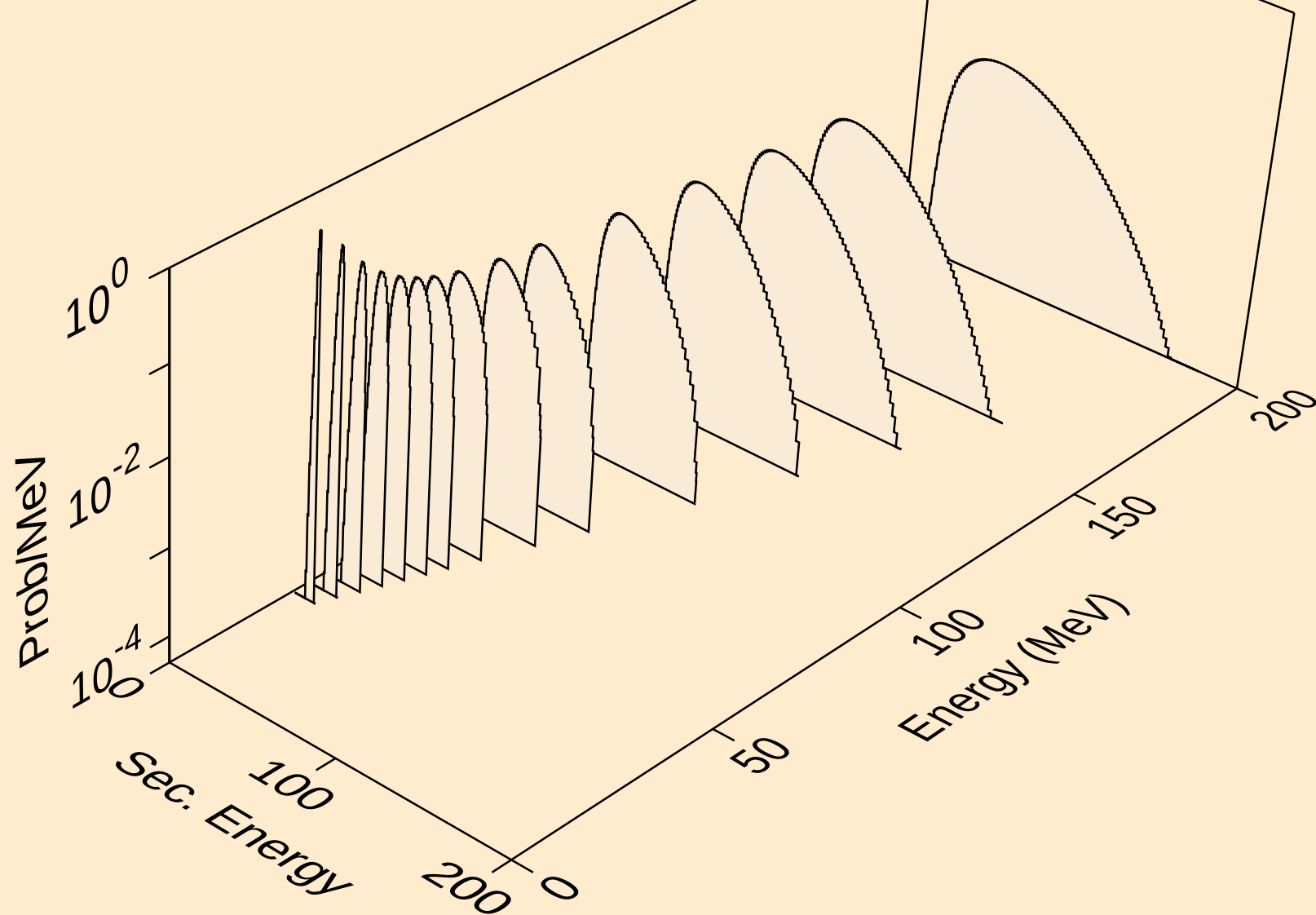
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



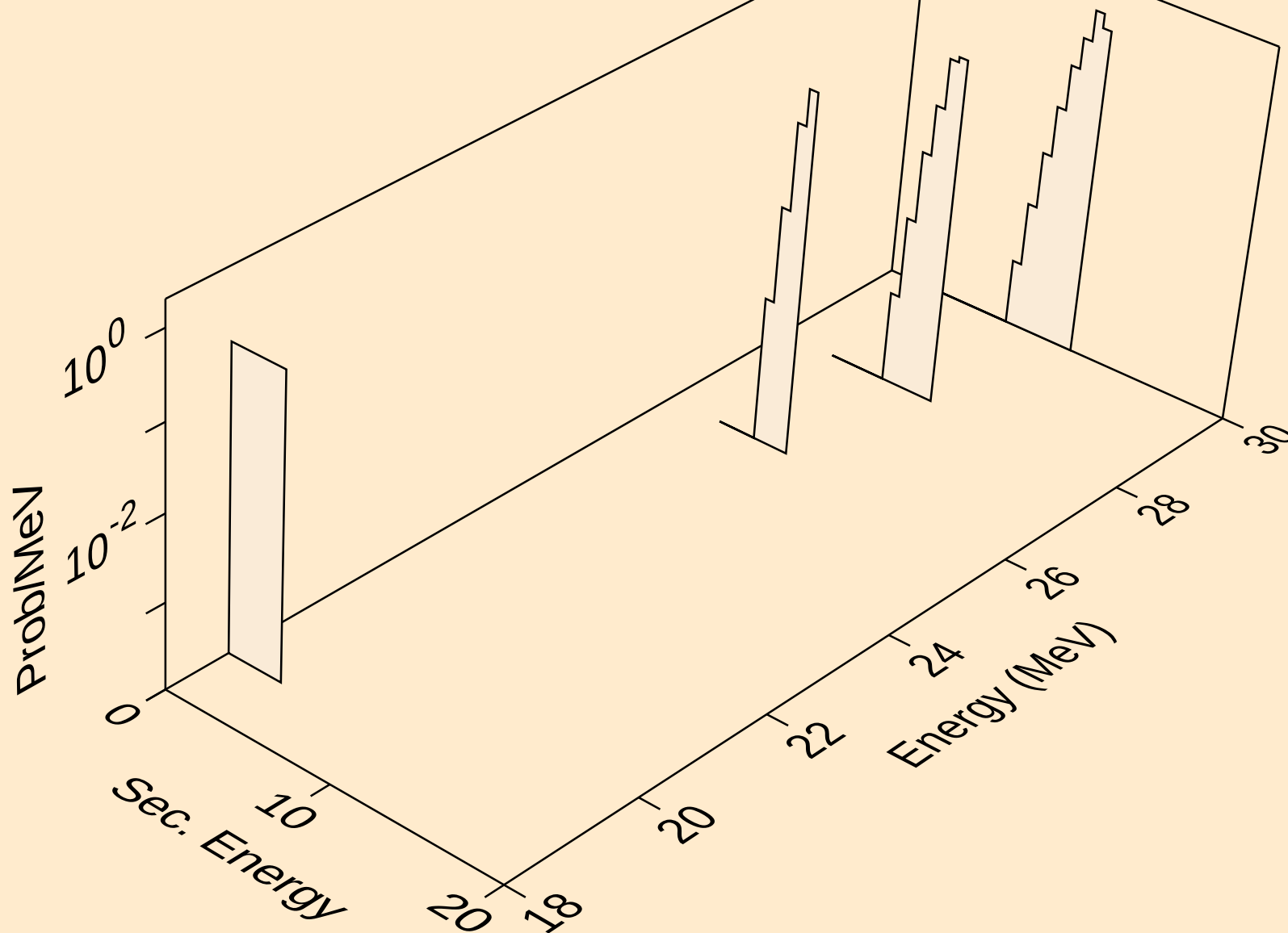
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t)



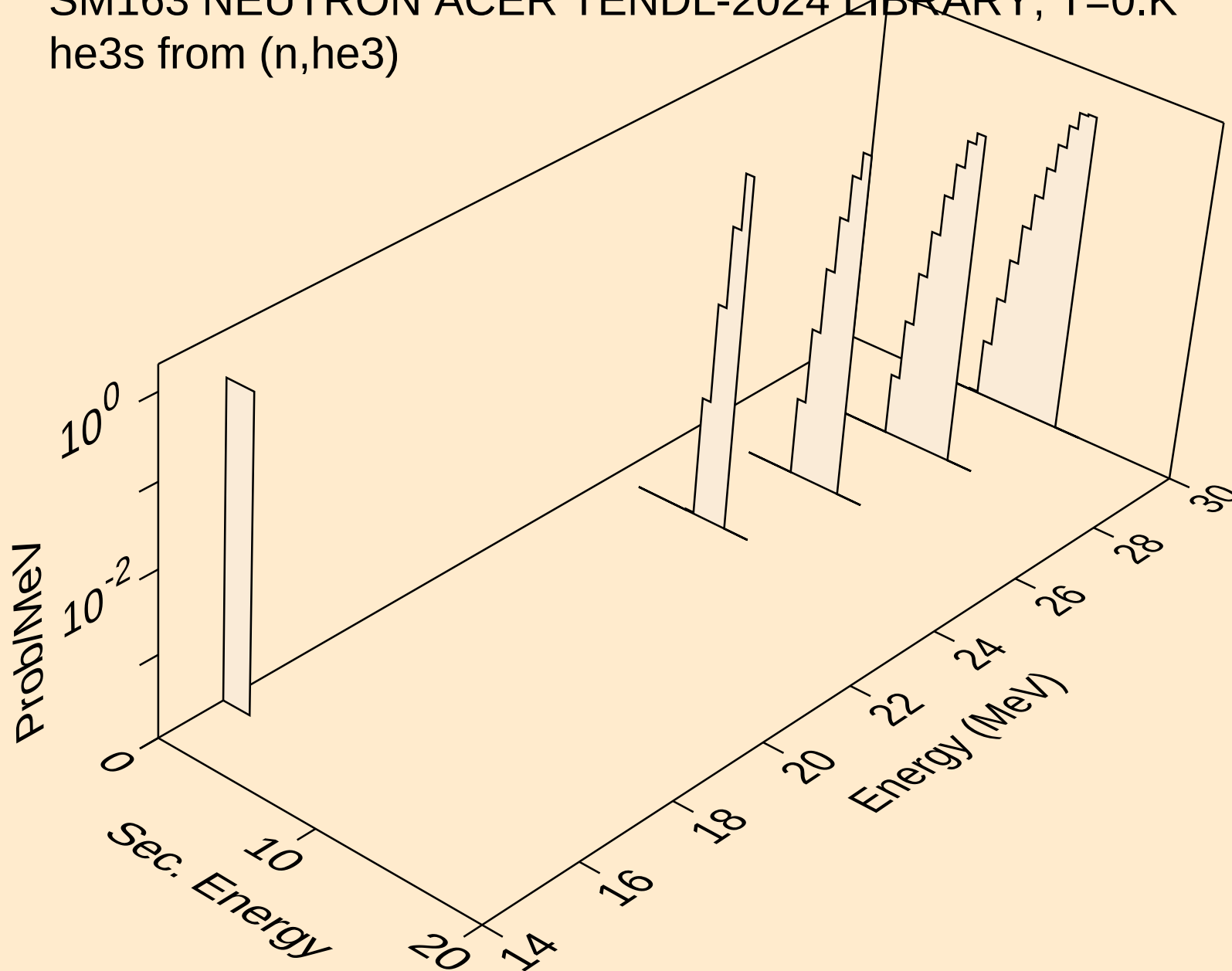
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



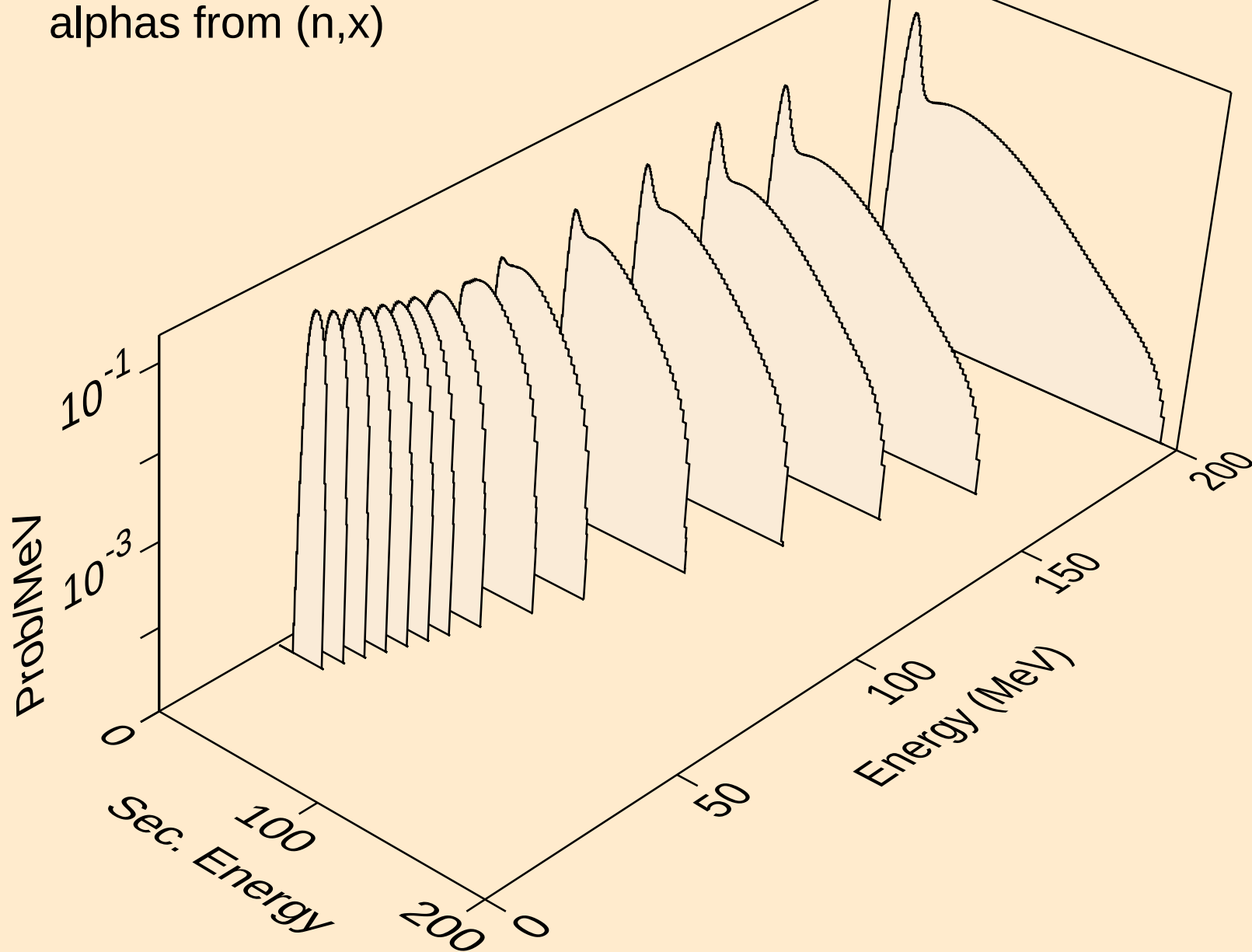
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



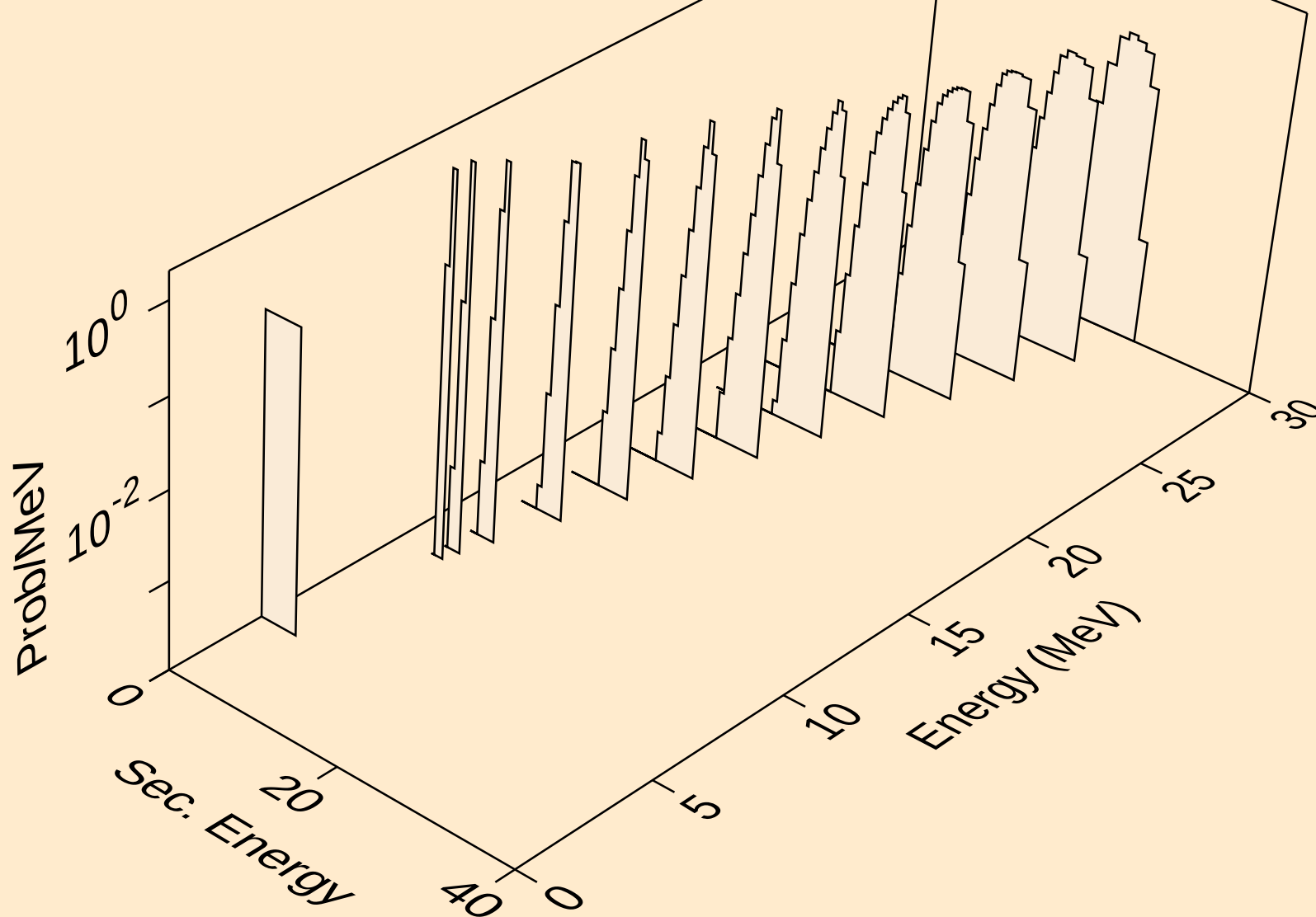
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



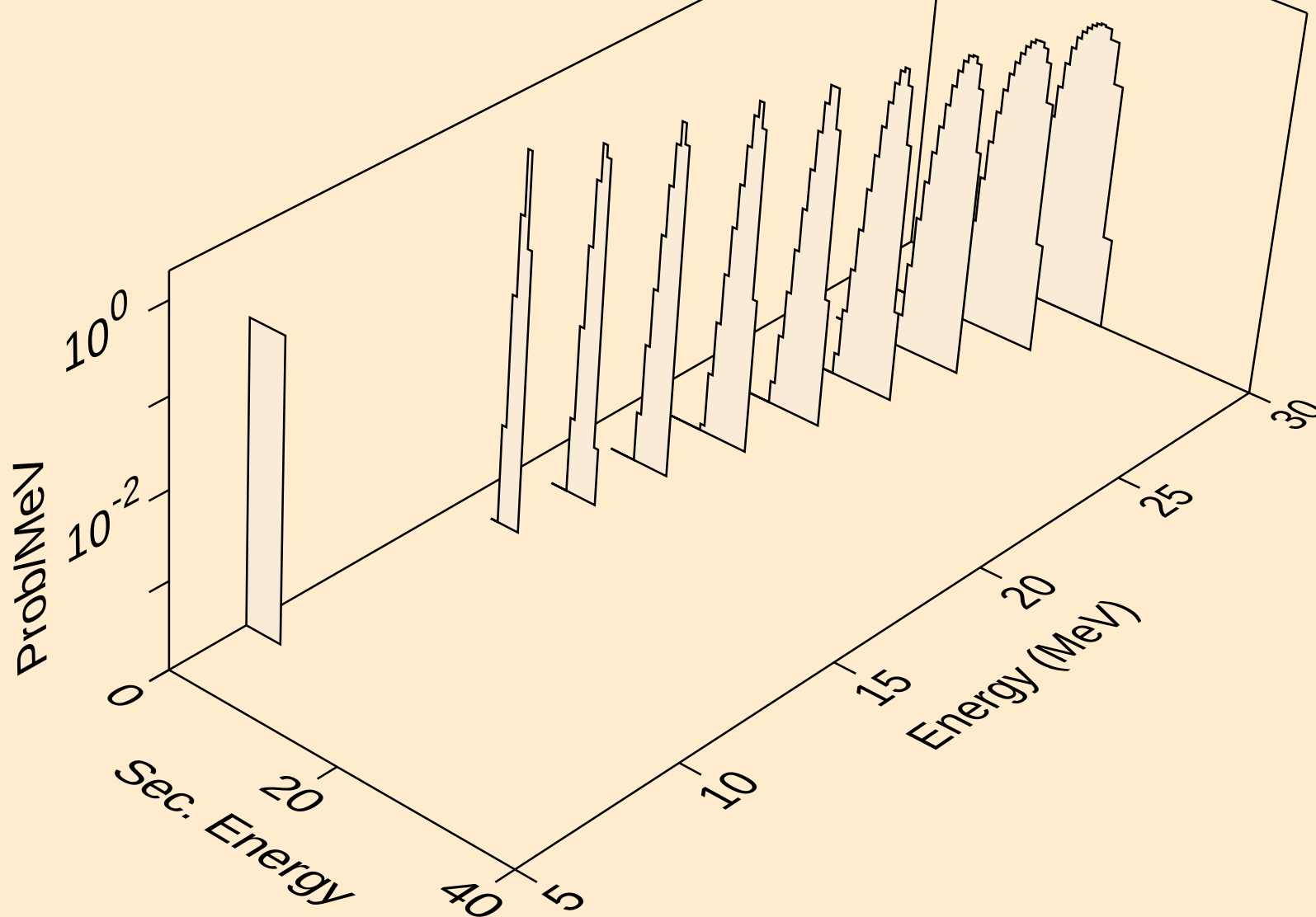
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



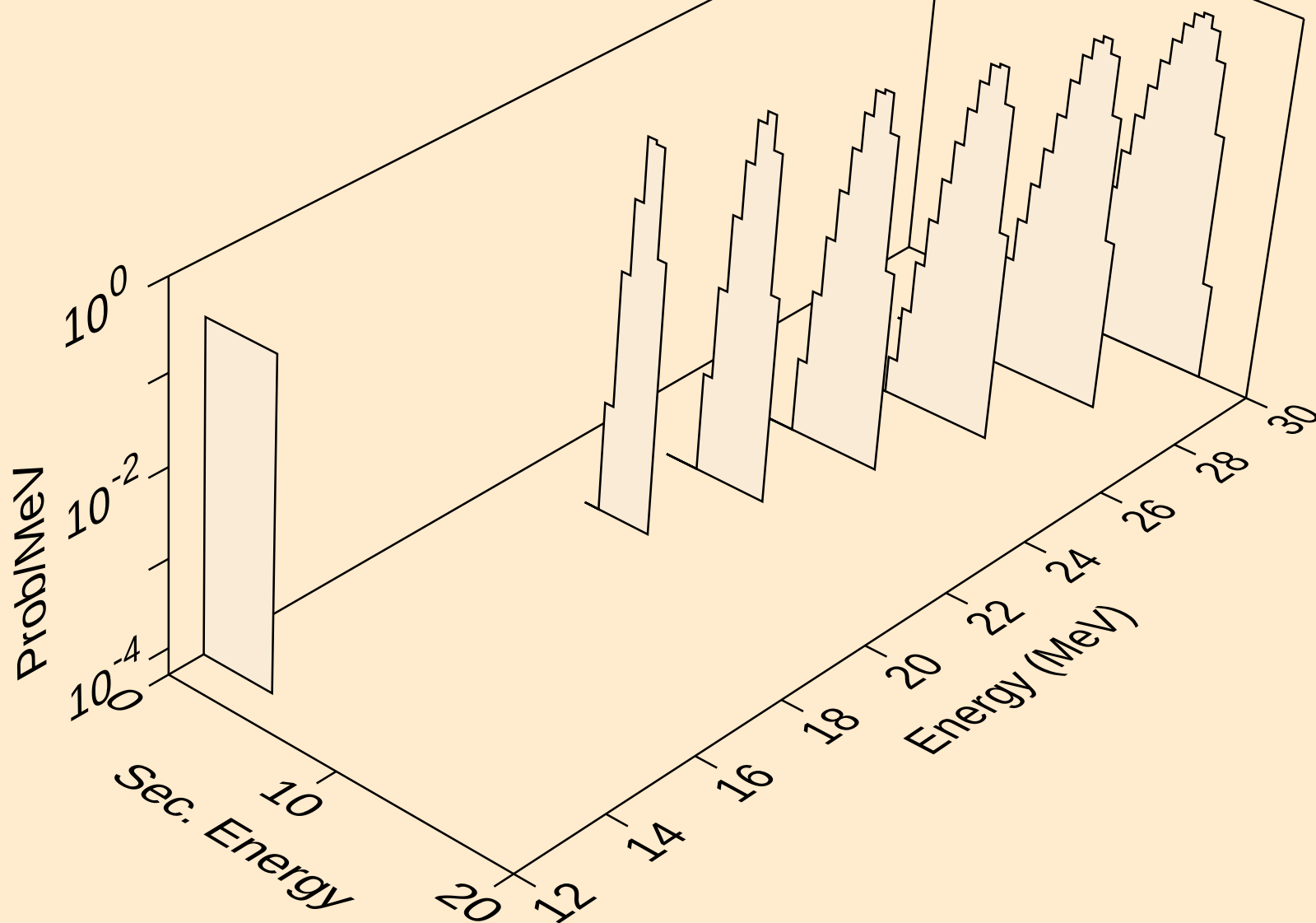
SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3n)a



SM163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)

