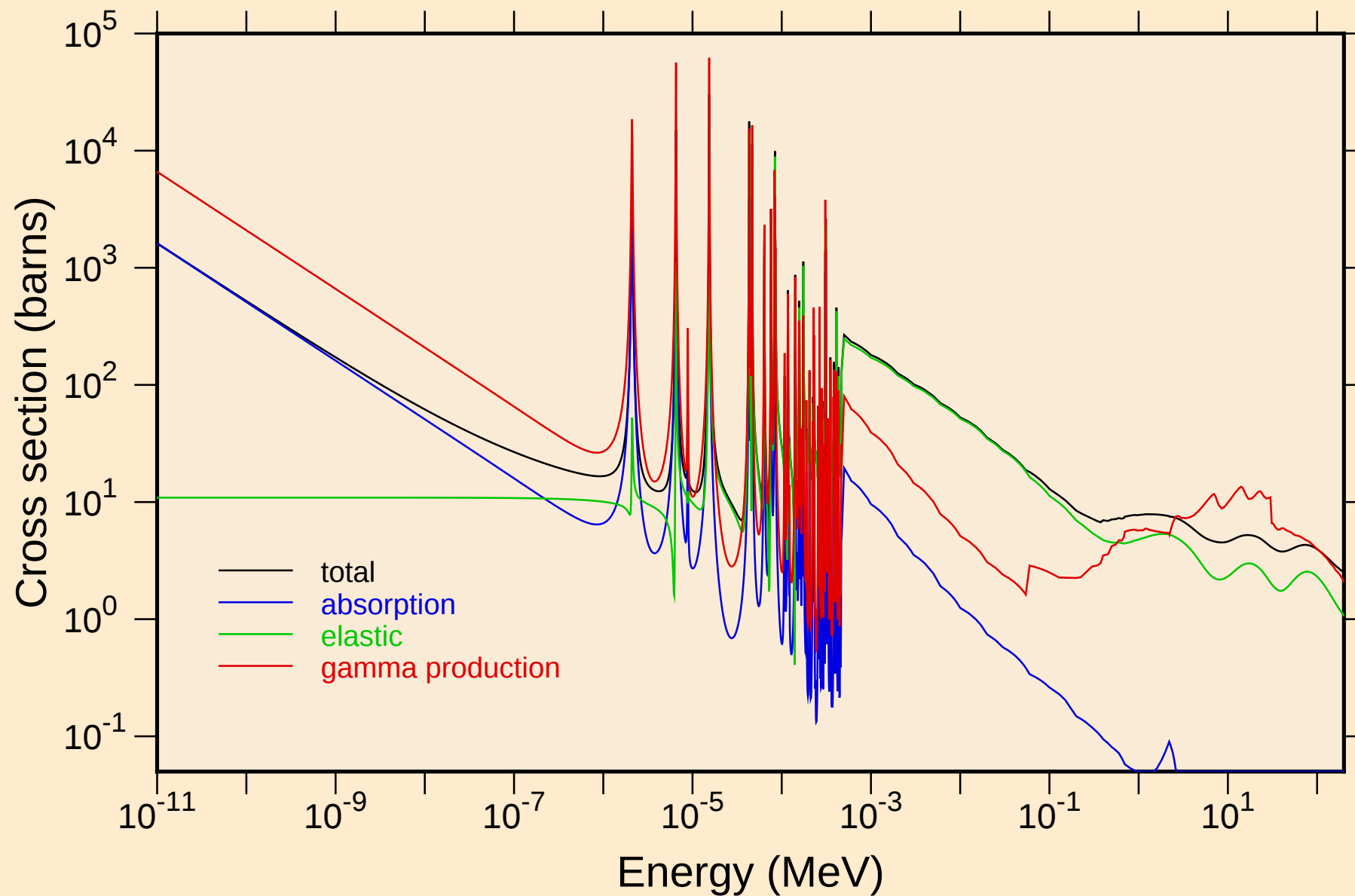
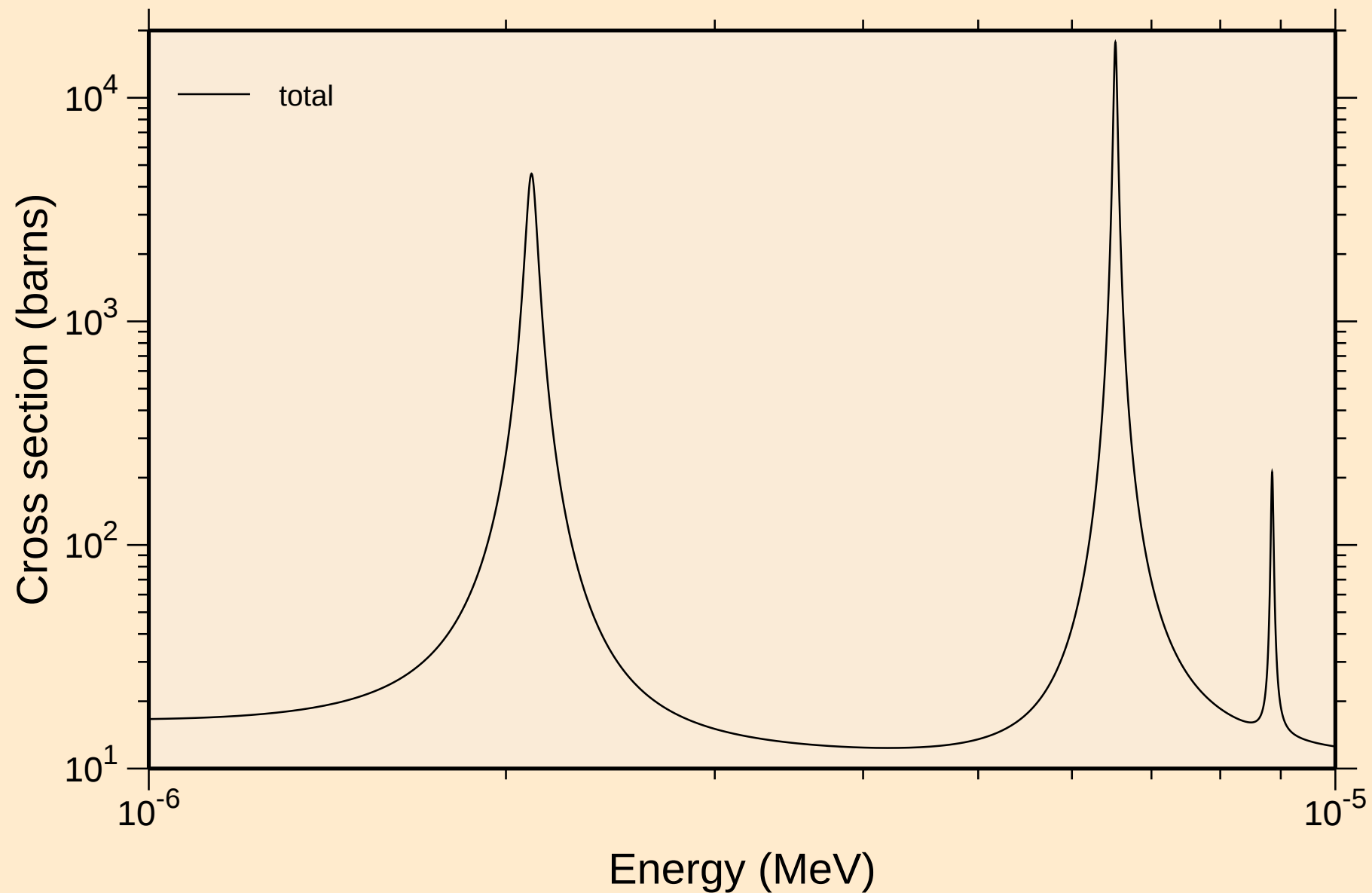


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

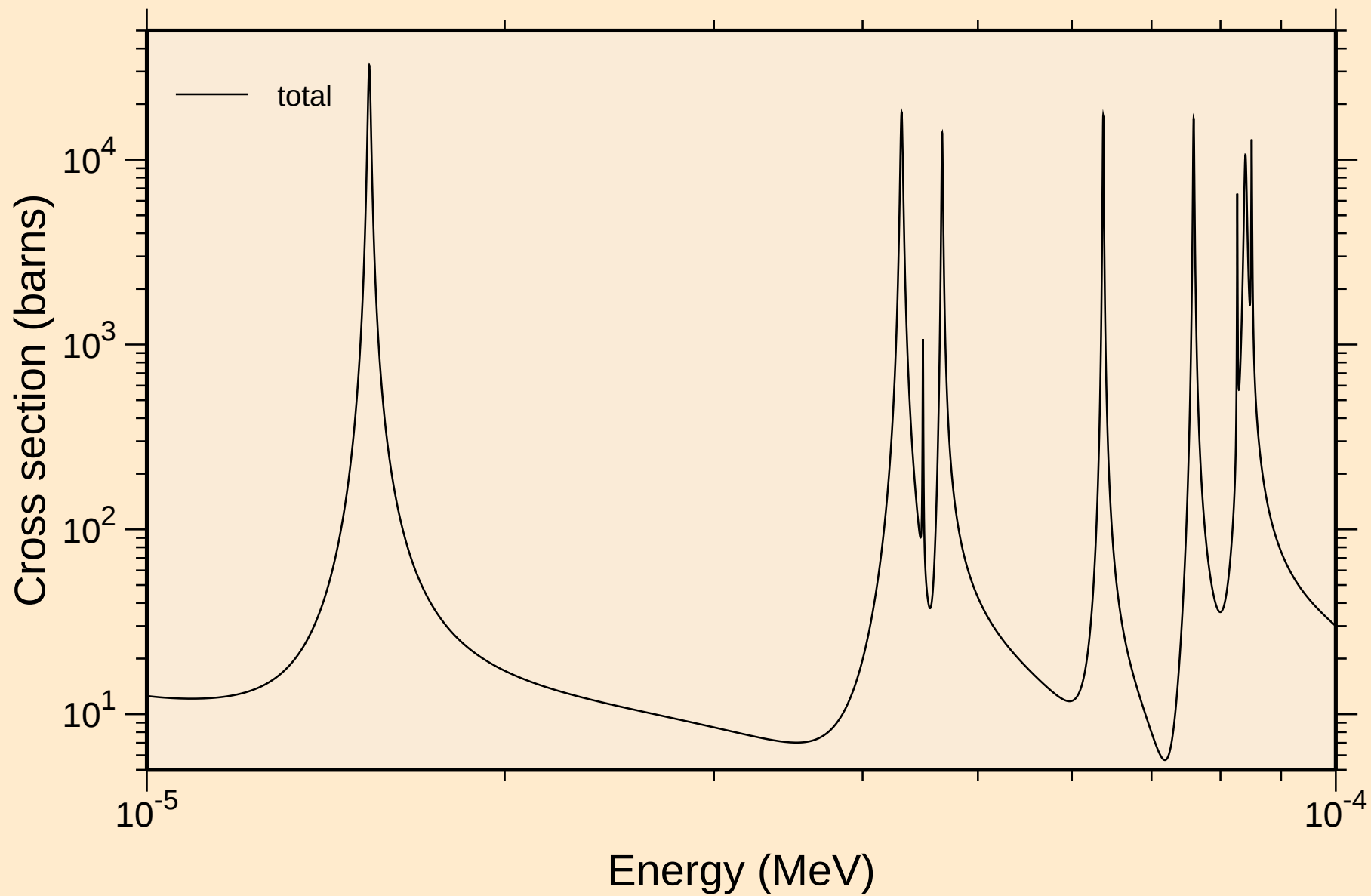
Principal cross sections



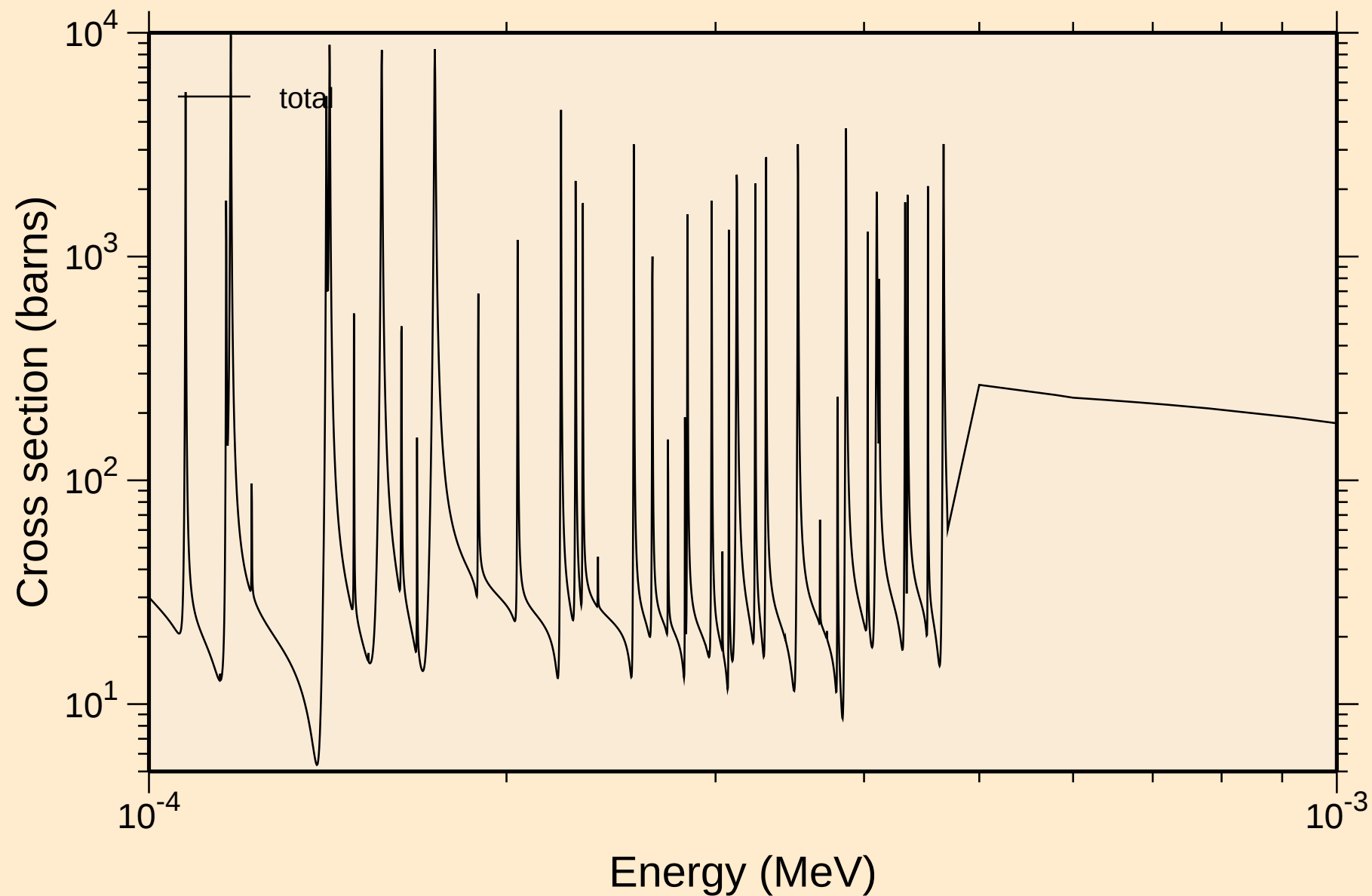
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



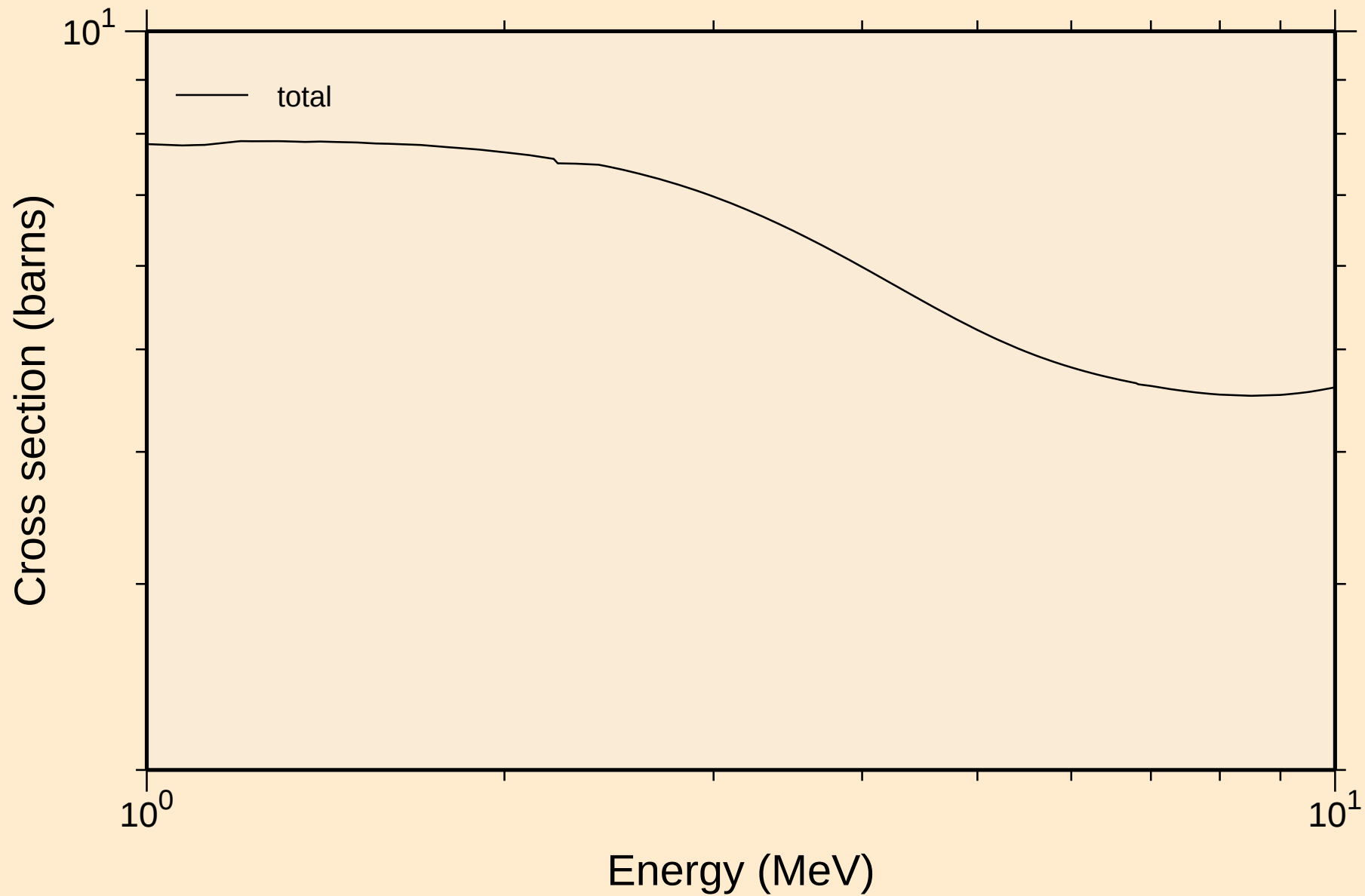
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



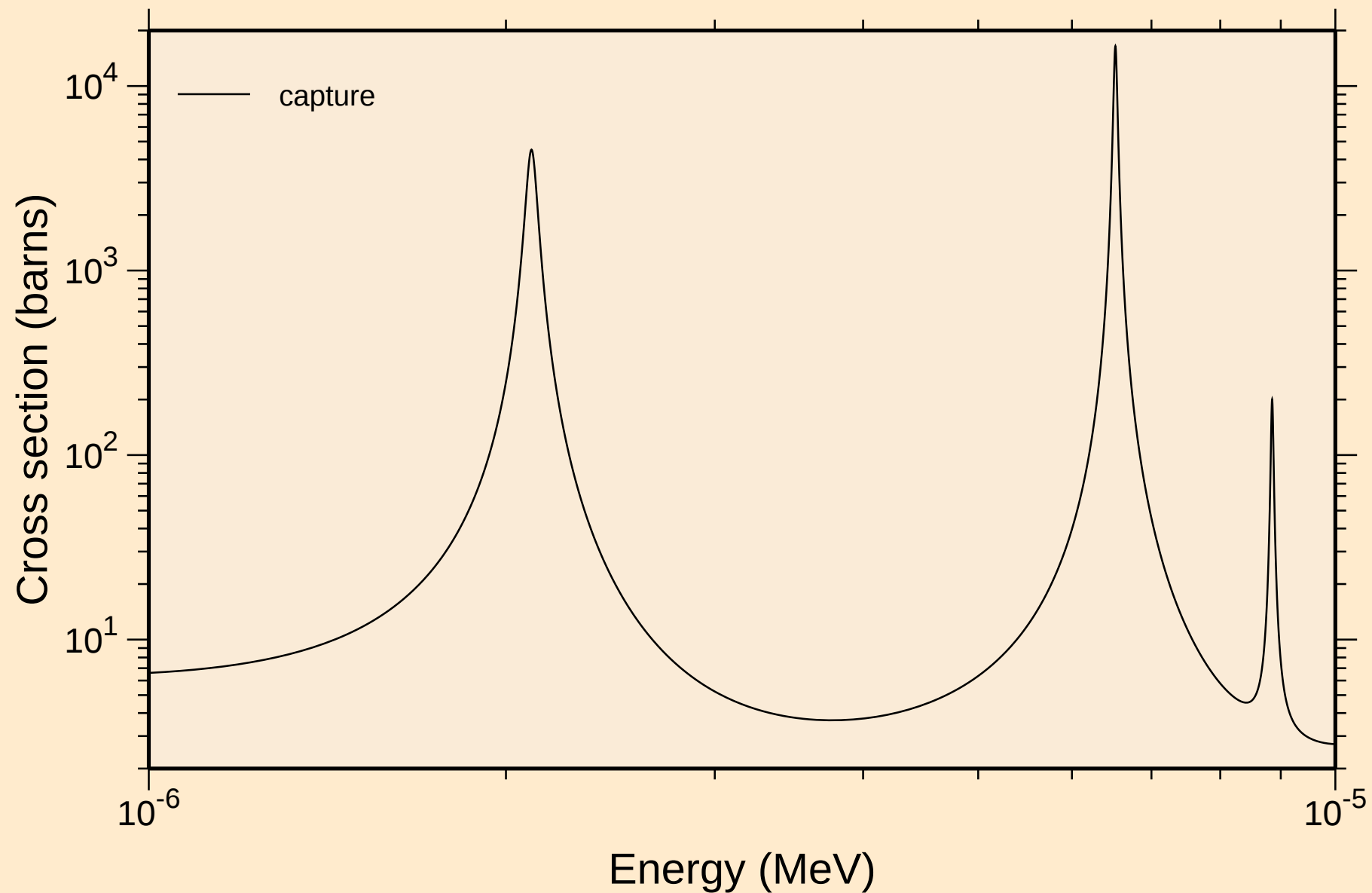
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



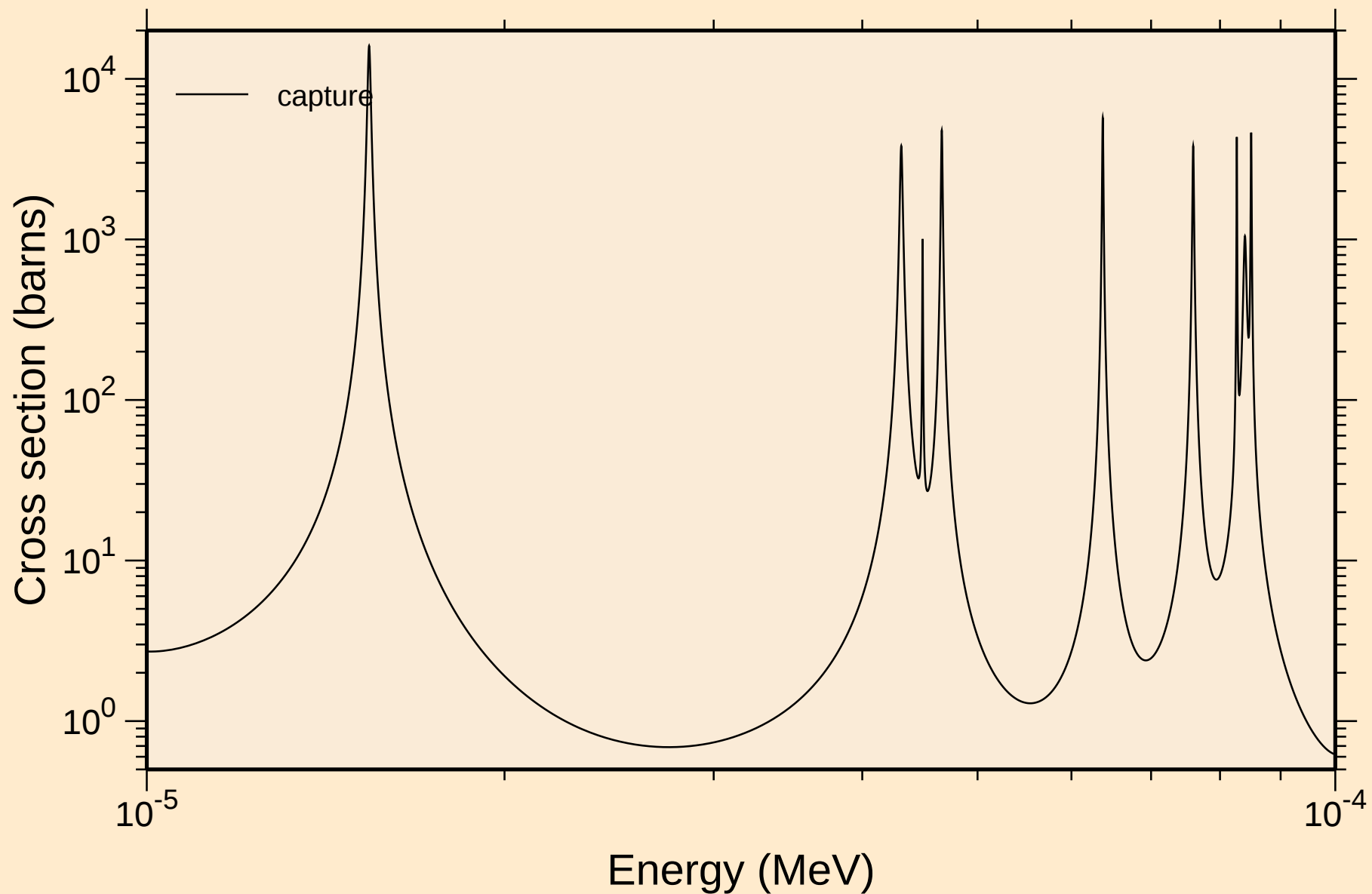
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



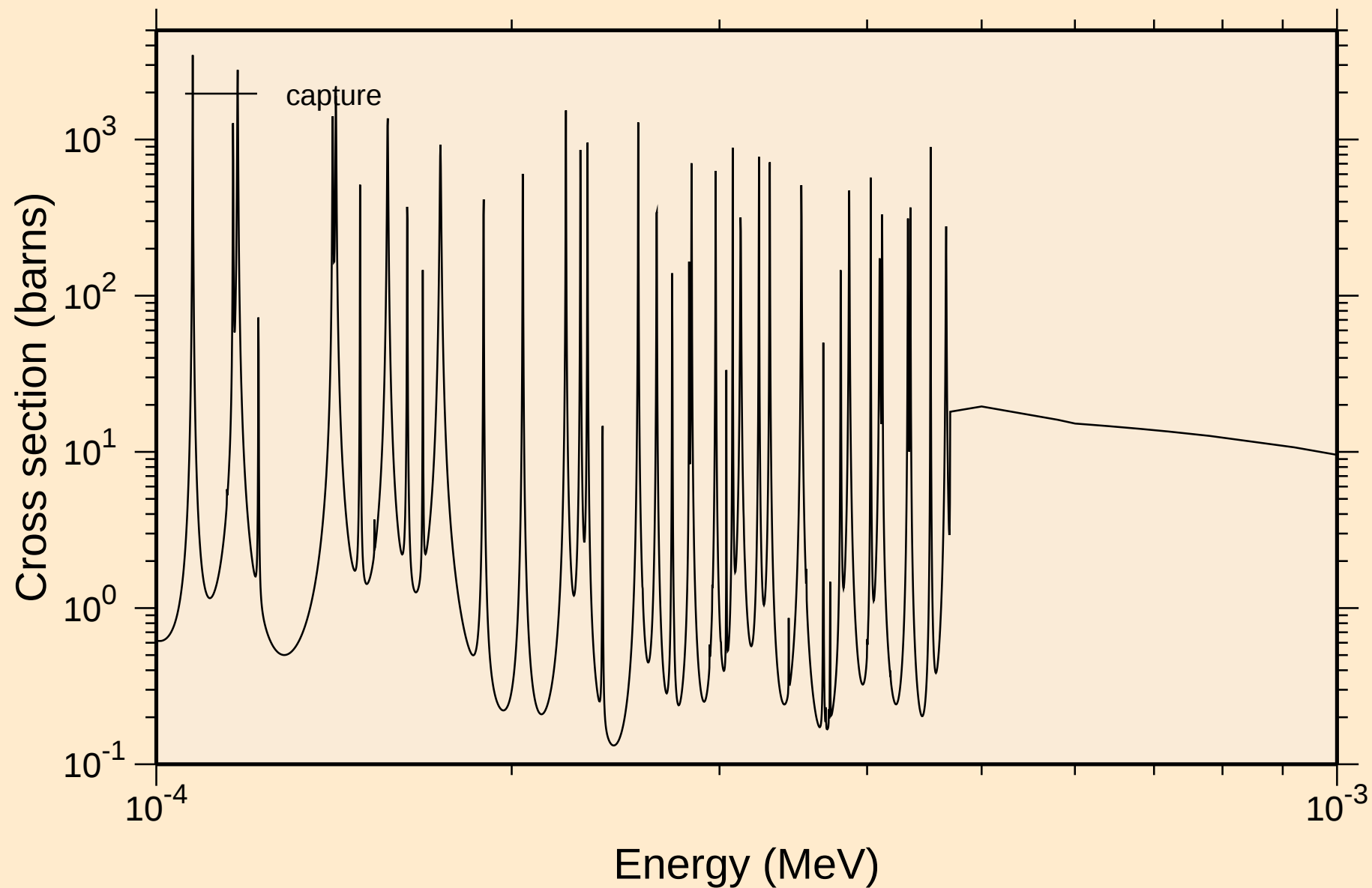
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



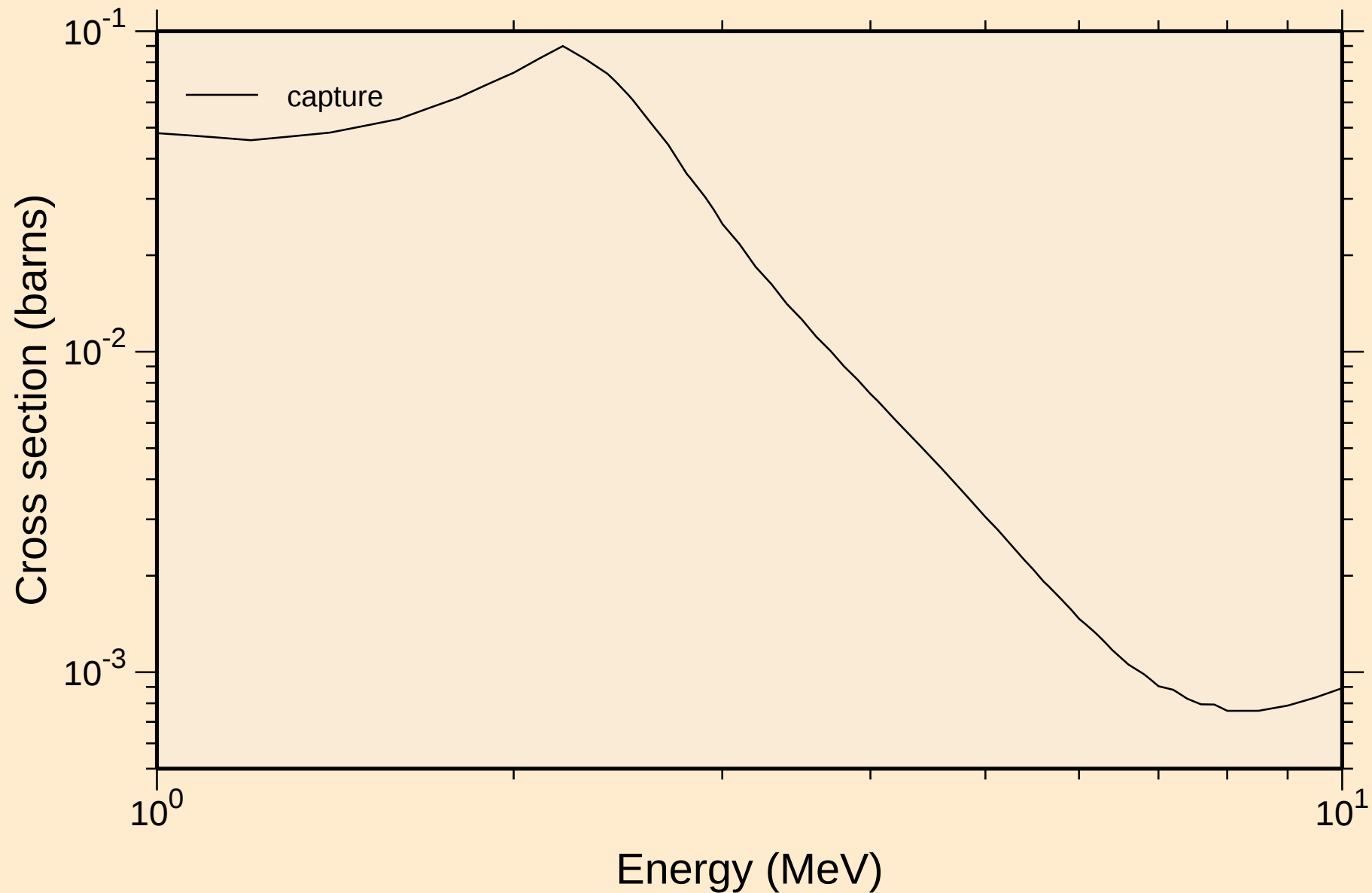
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

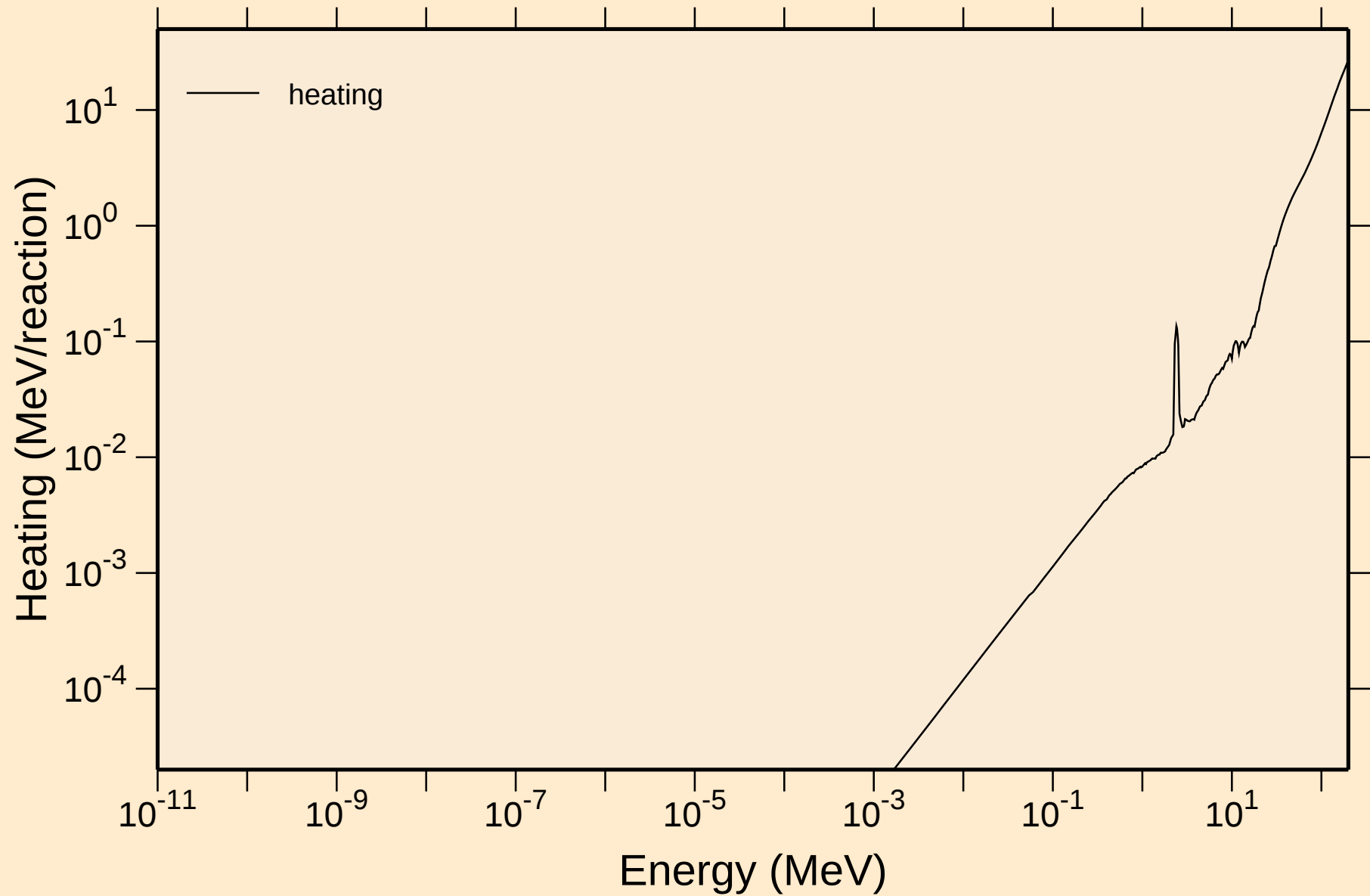


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



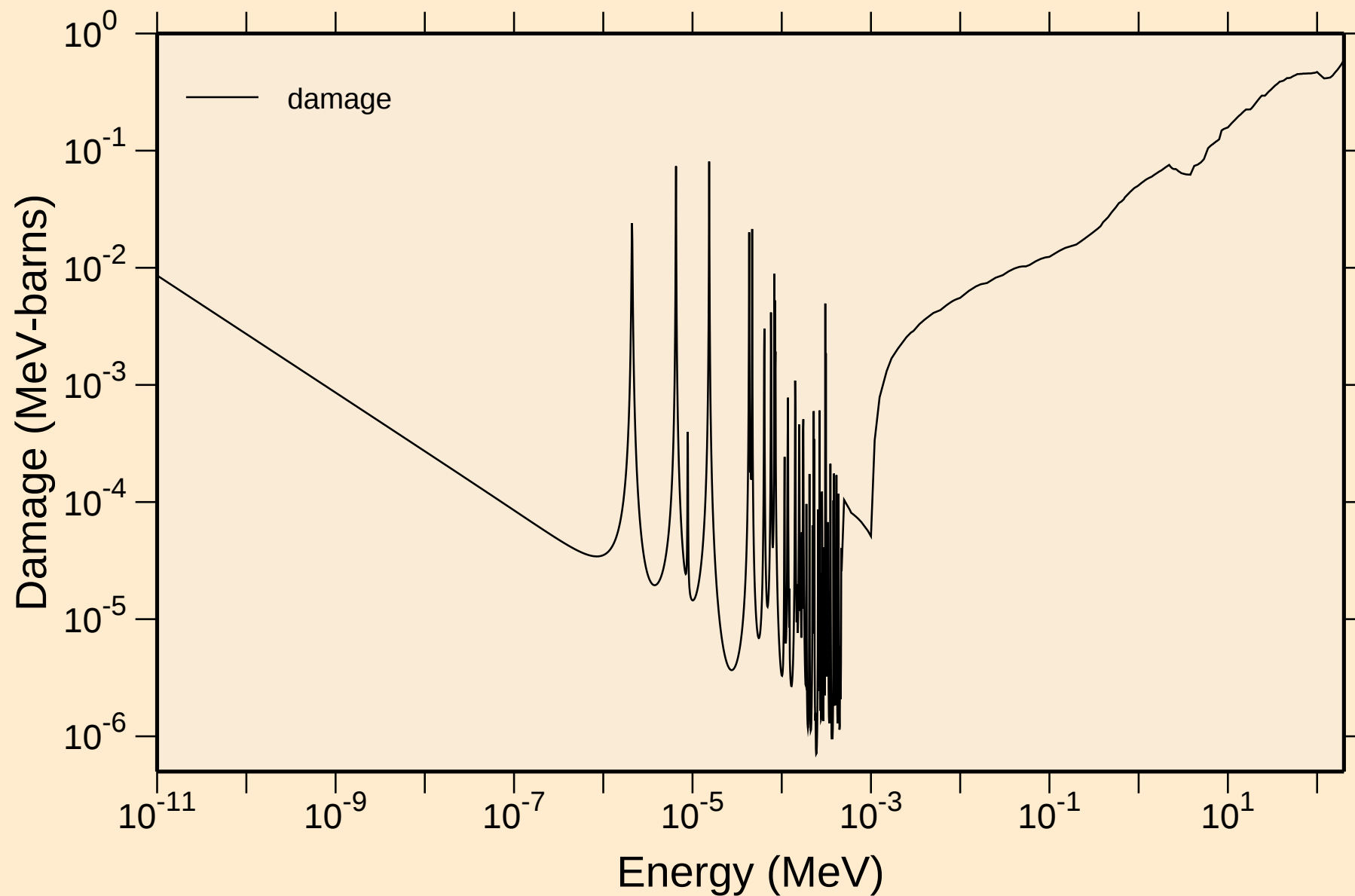
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

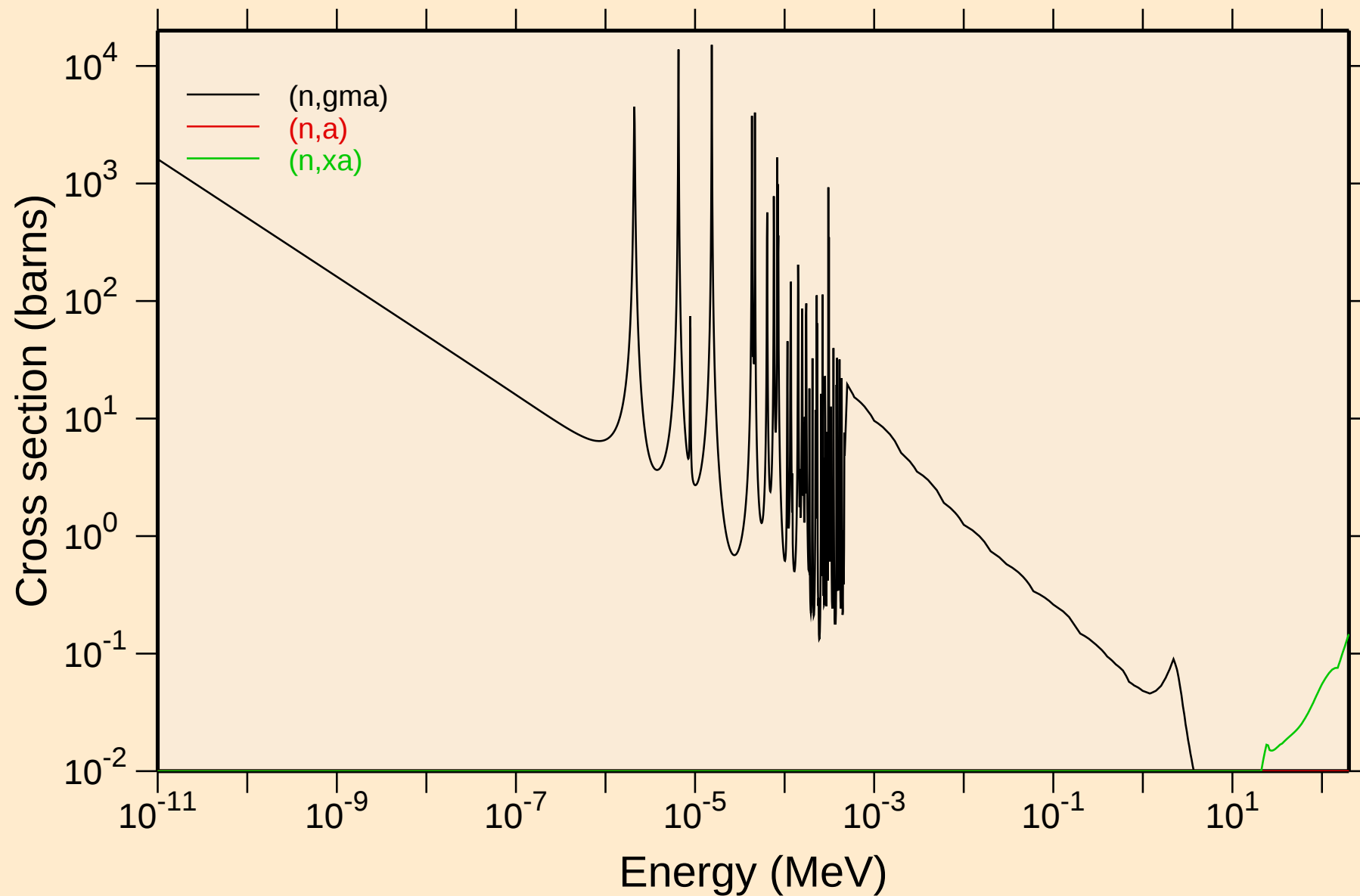


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

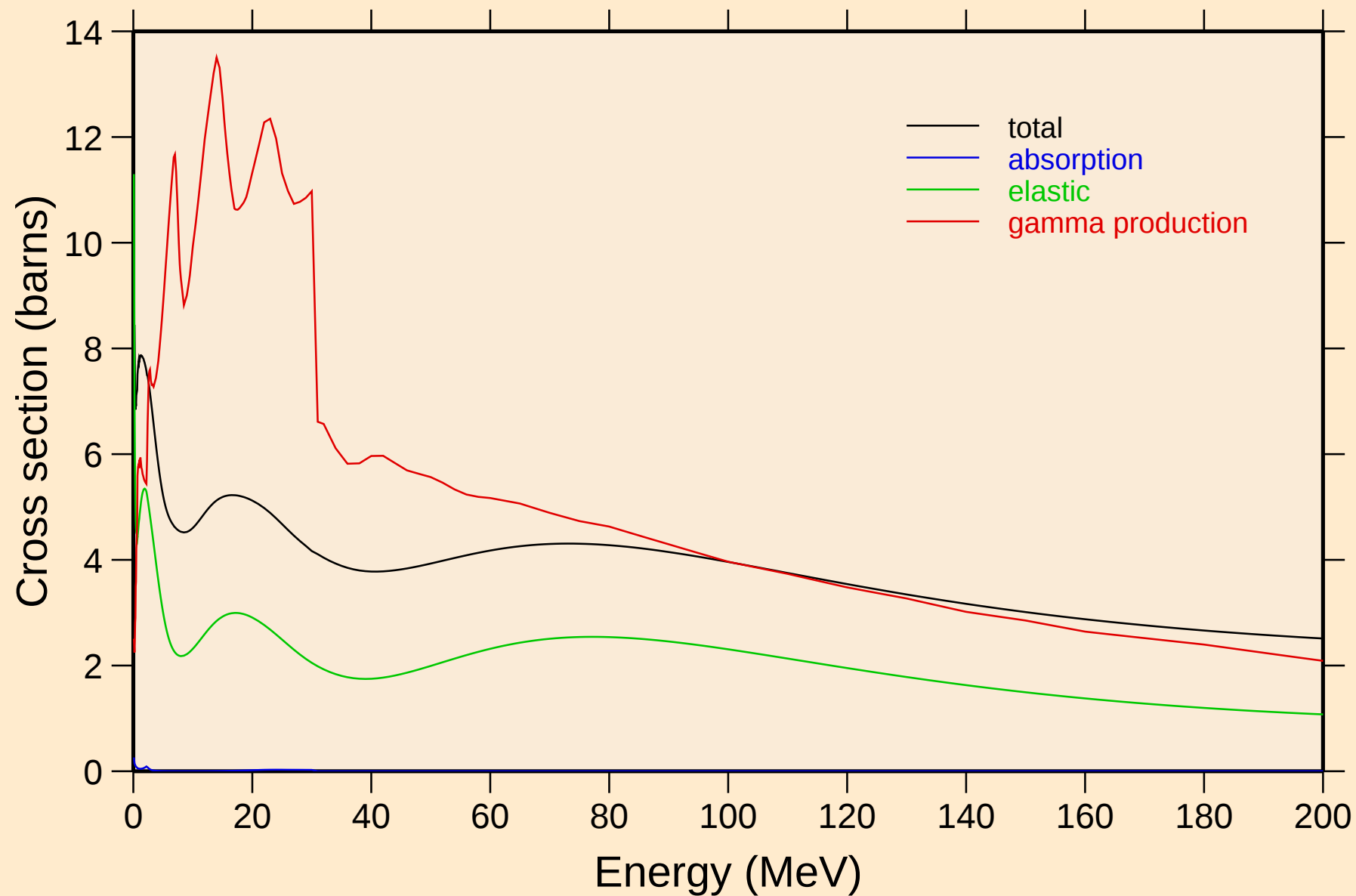


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



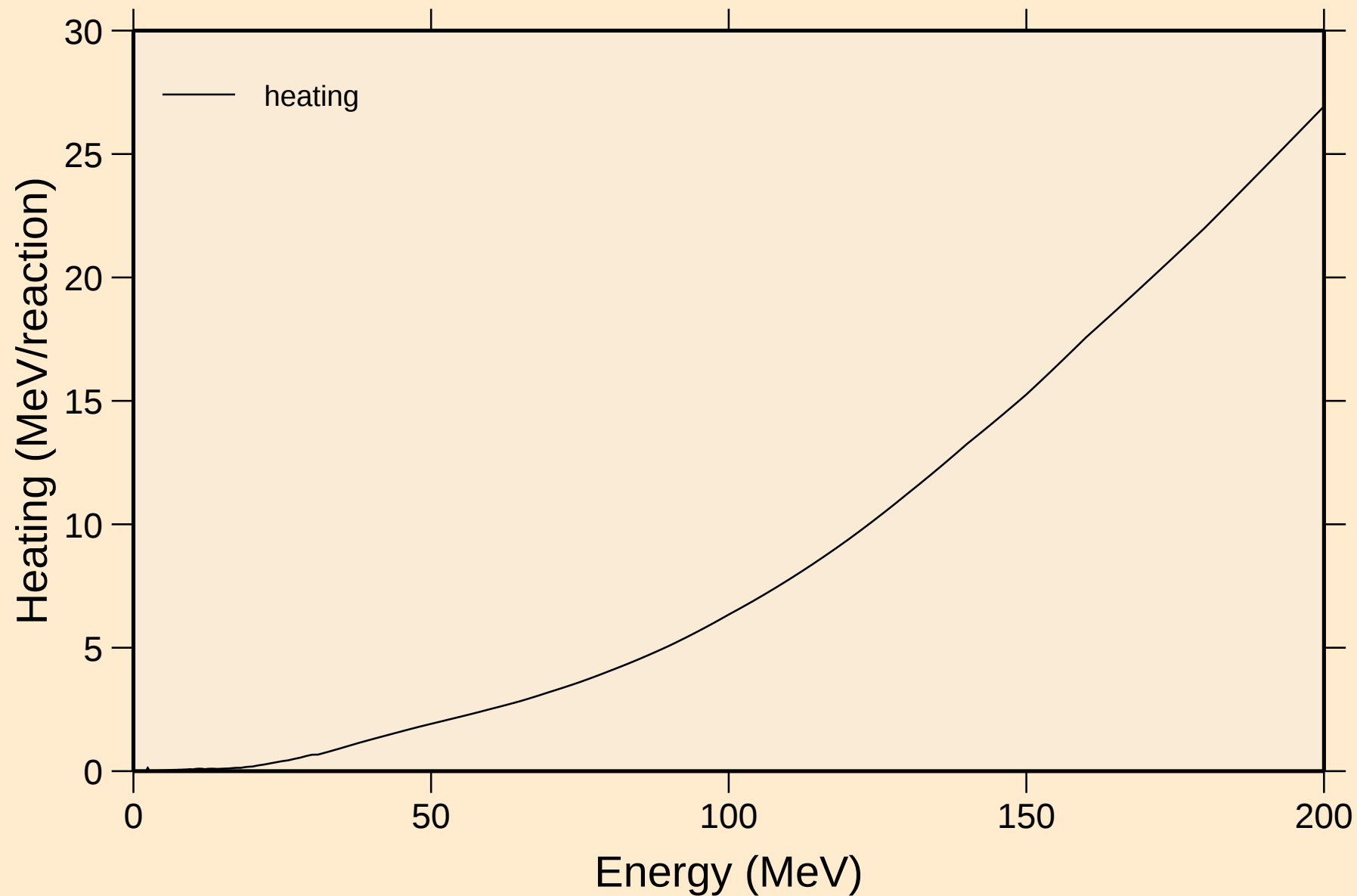
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



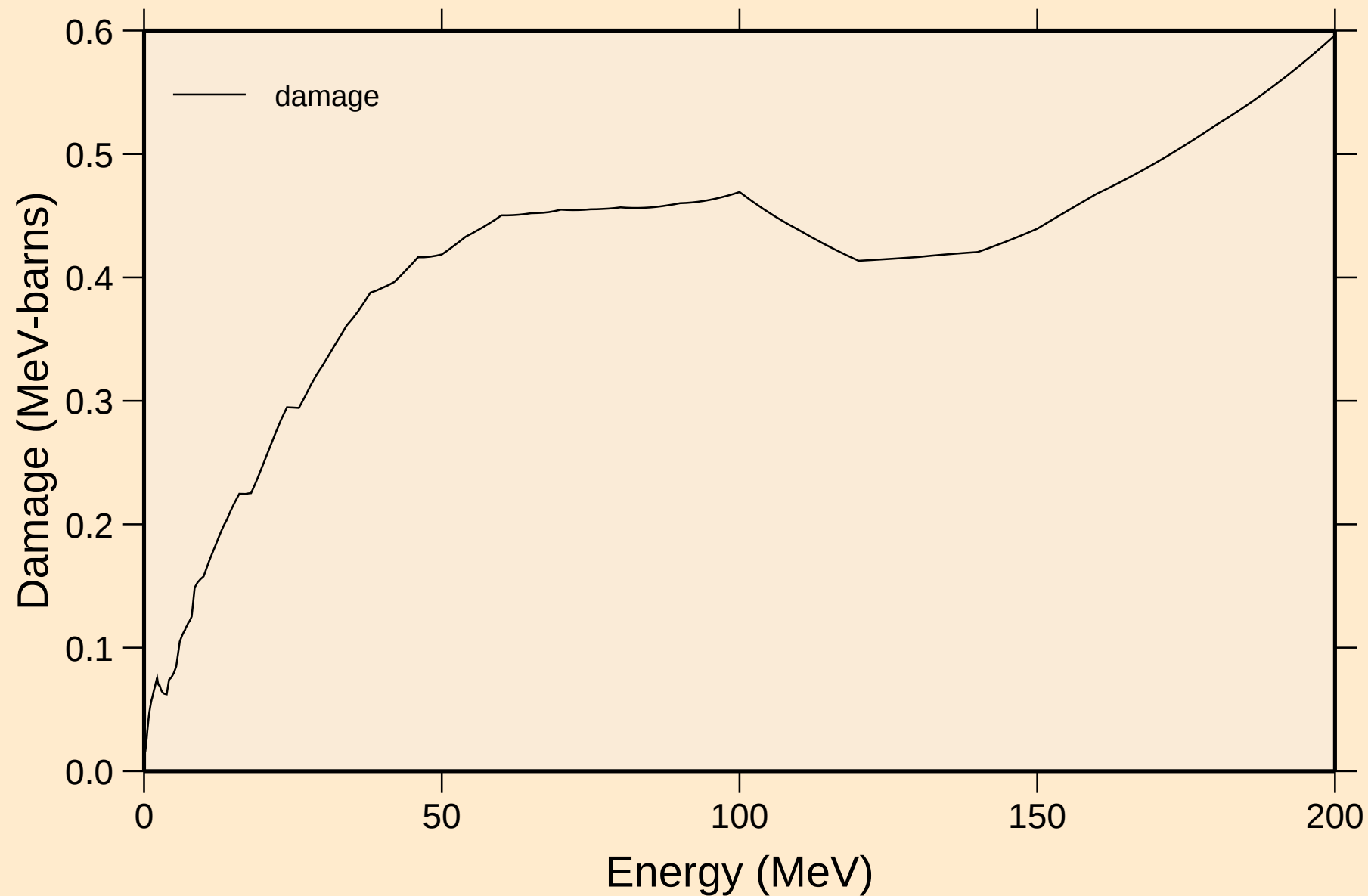
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

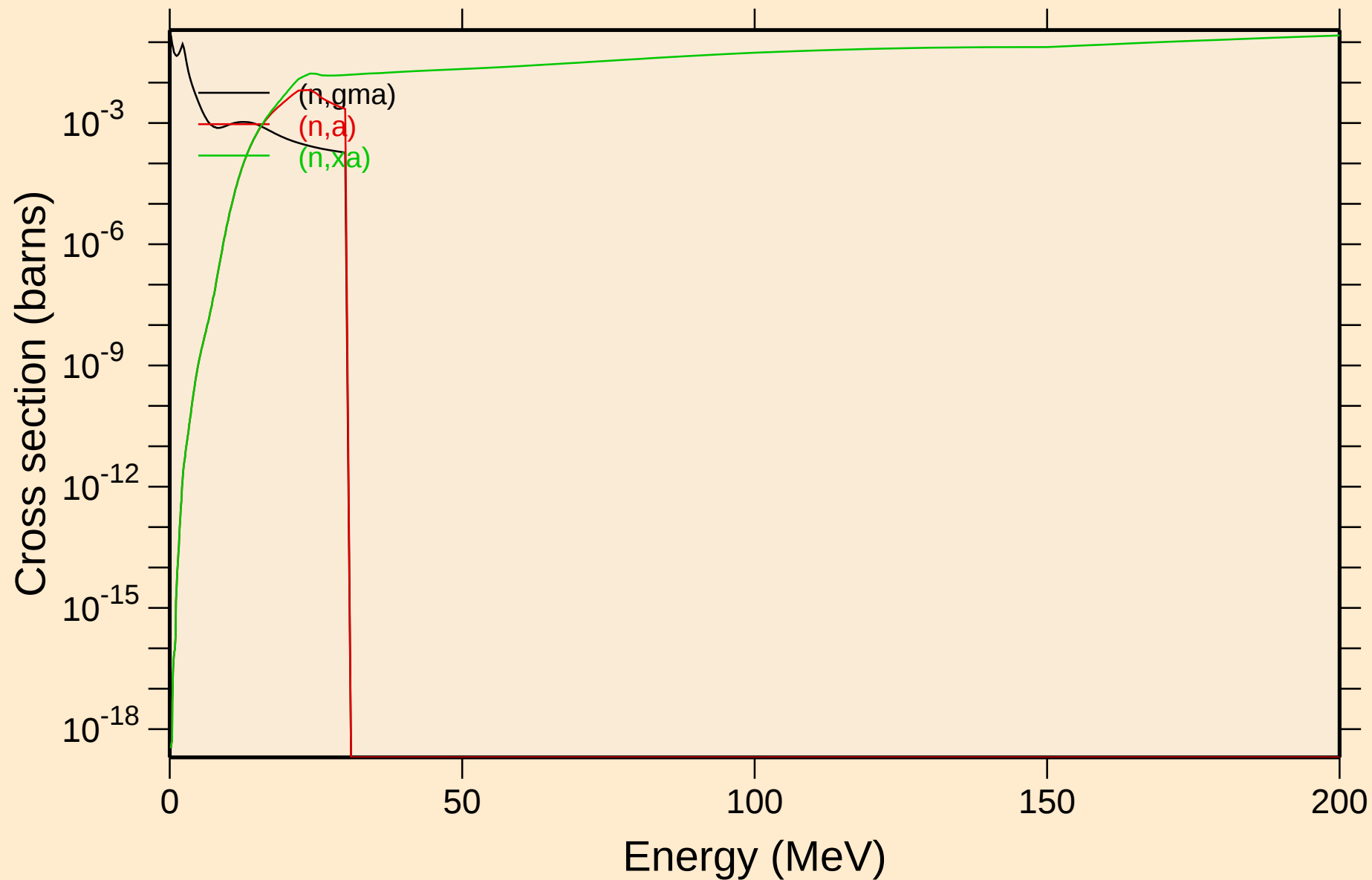


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

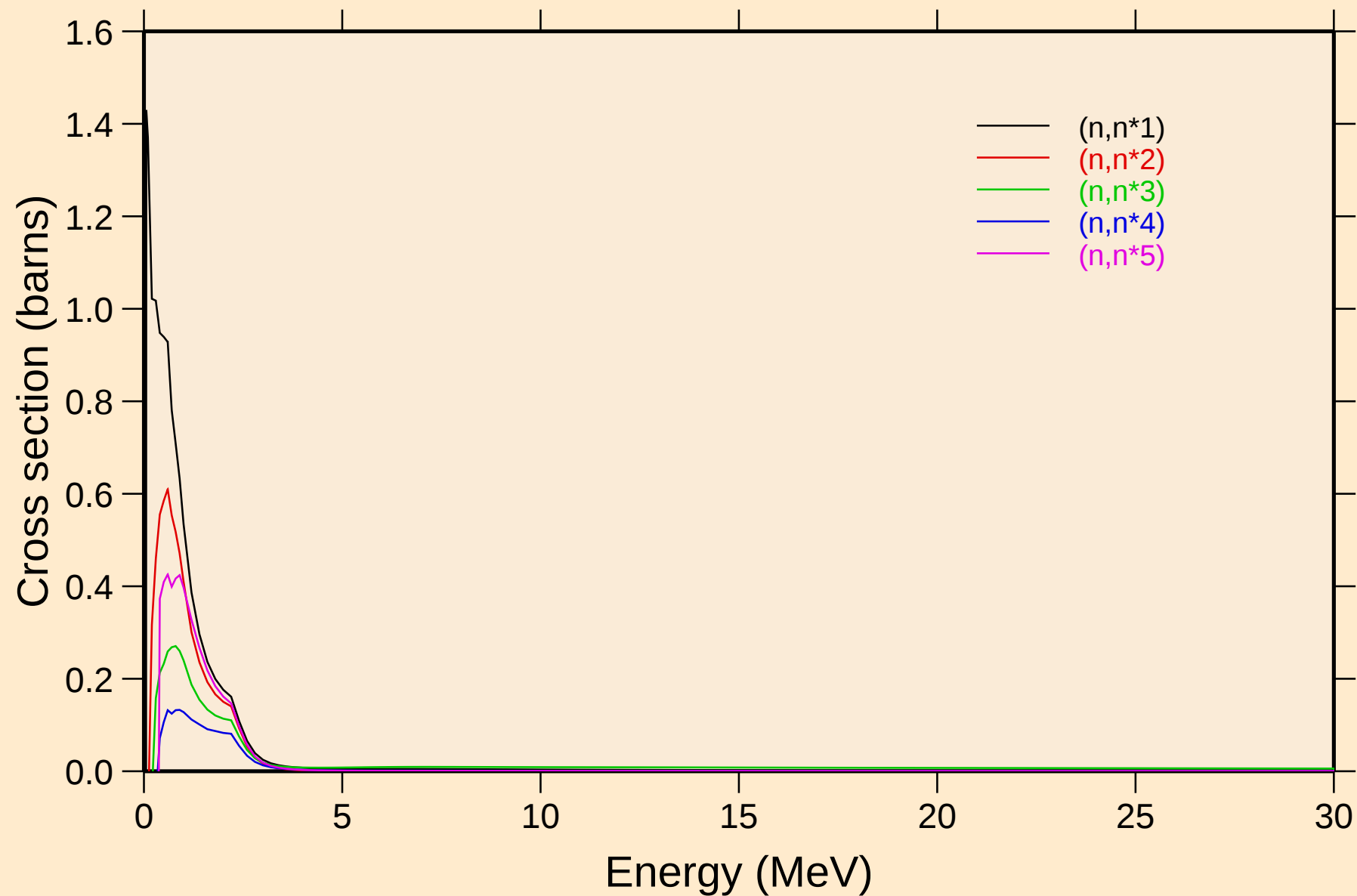


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

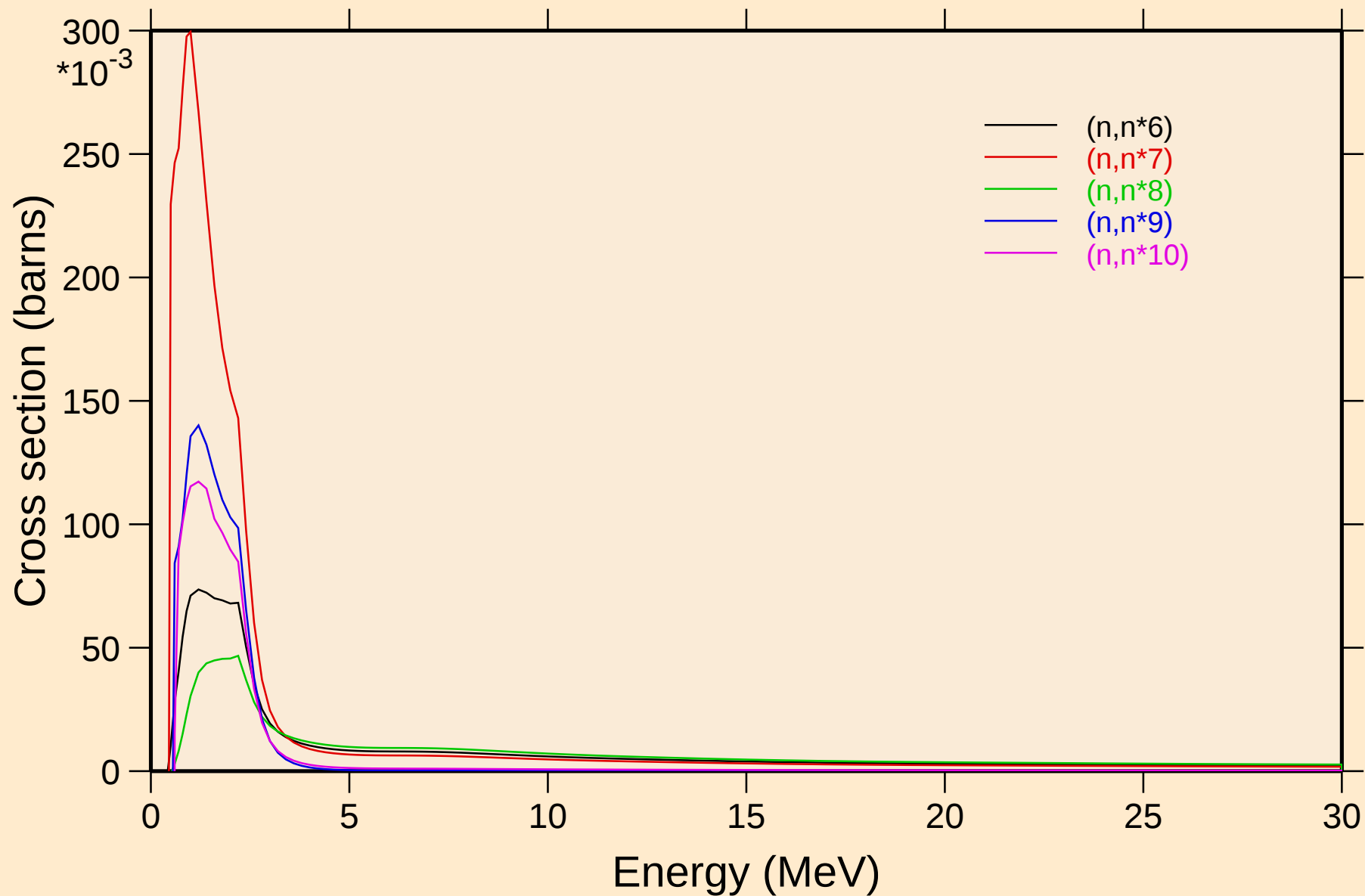


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

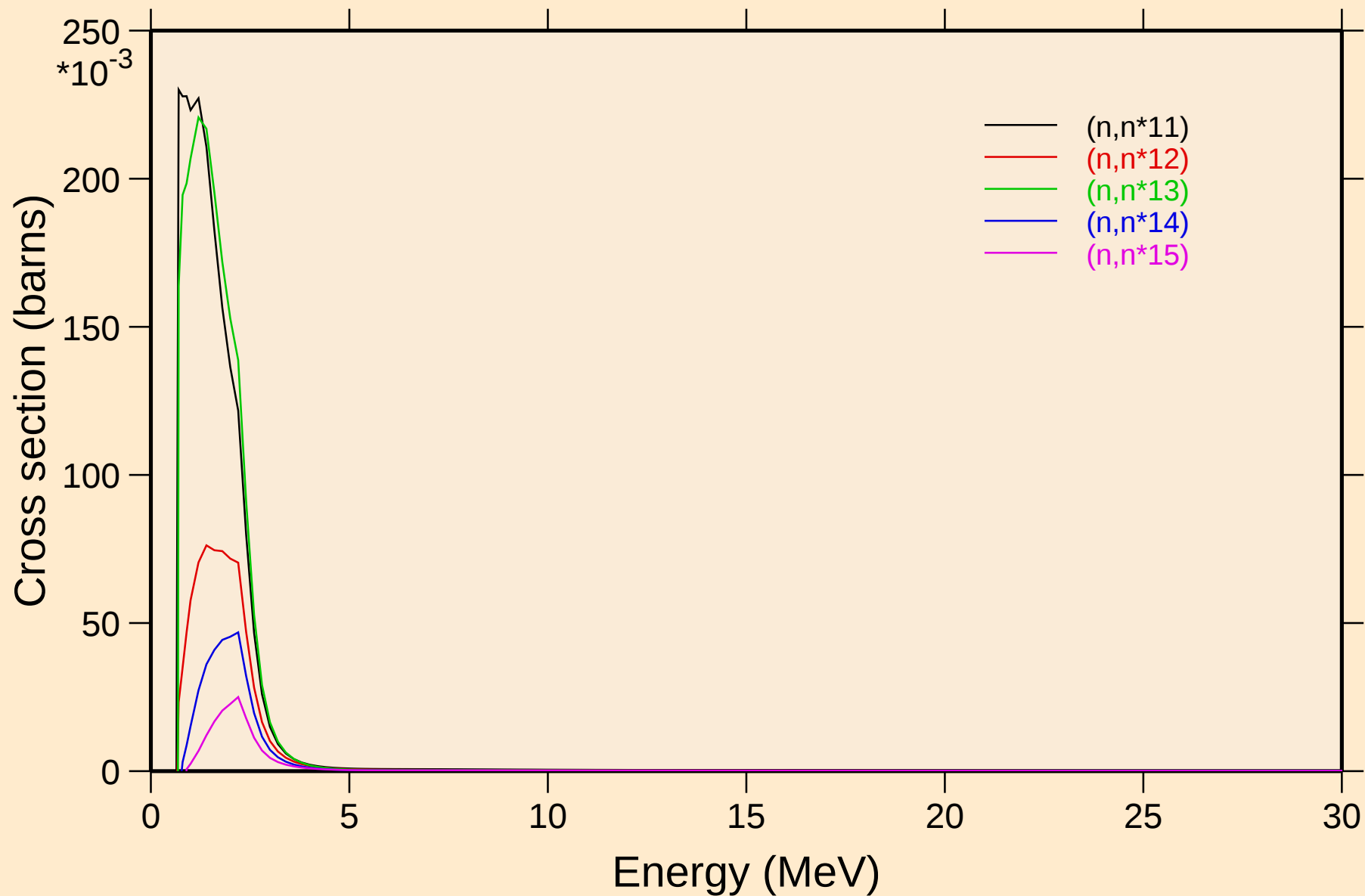


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



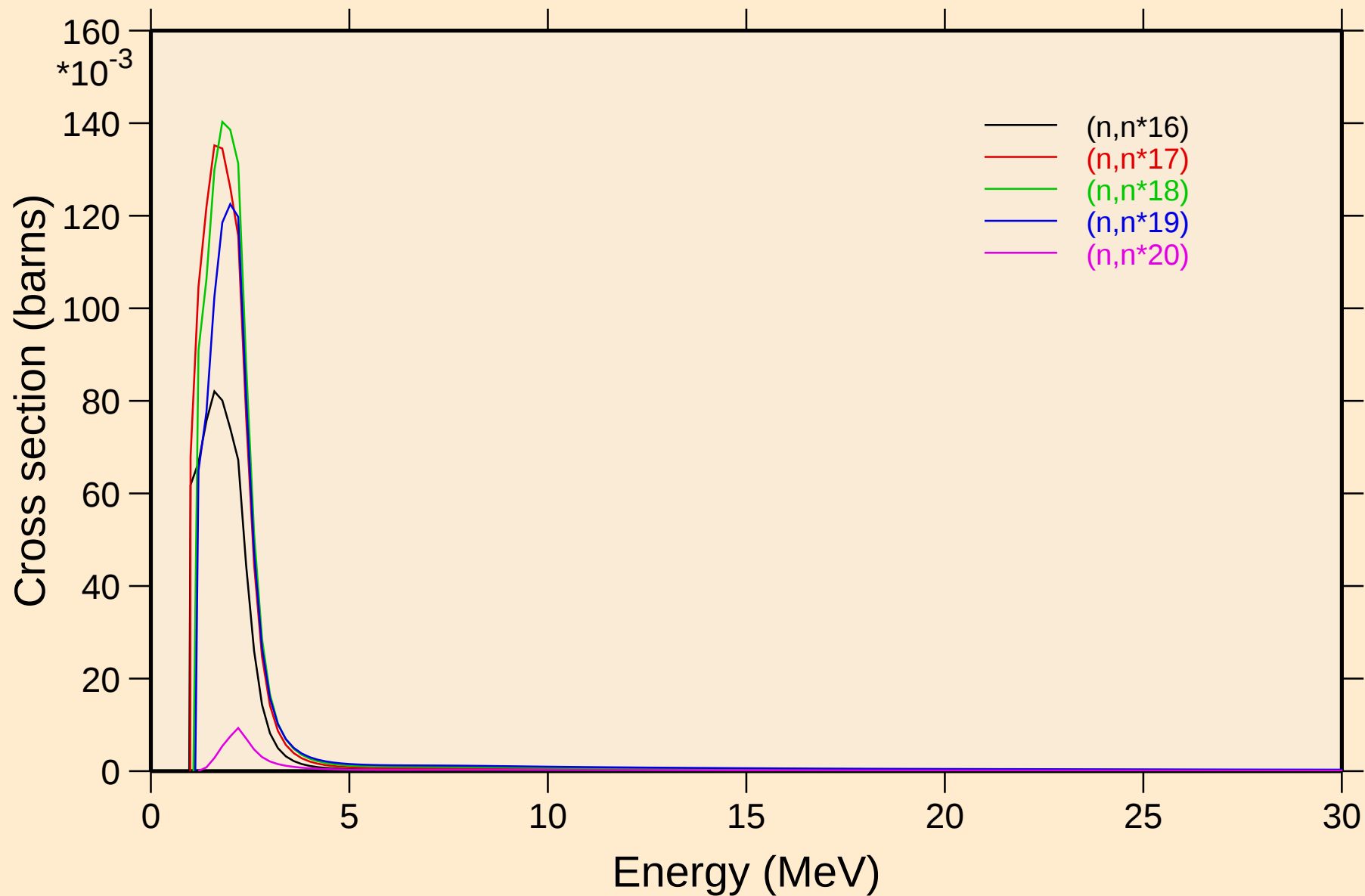
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



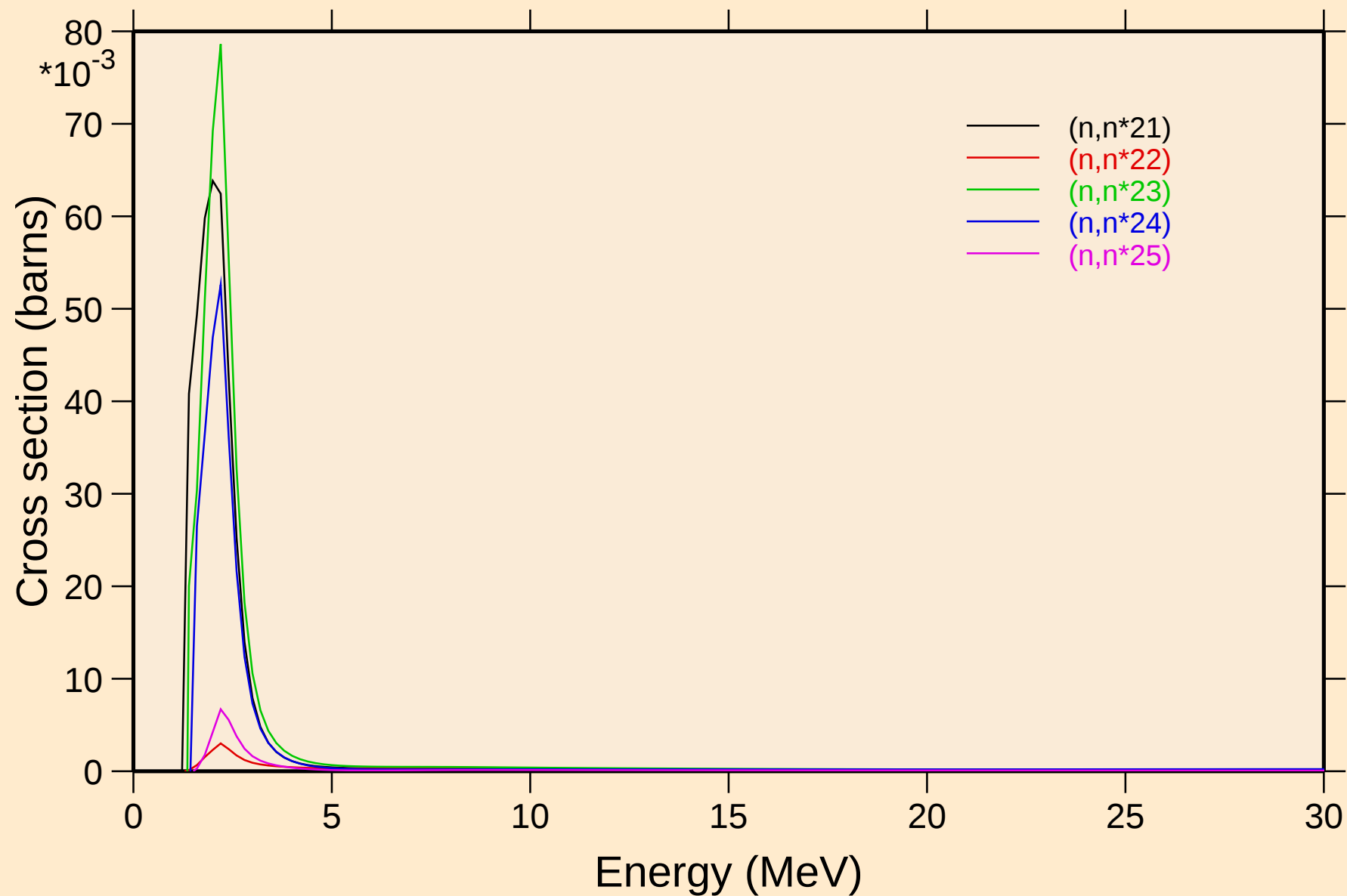
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



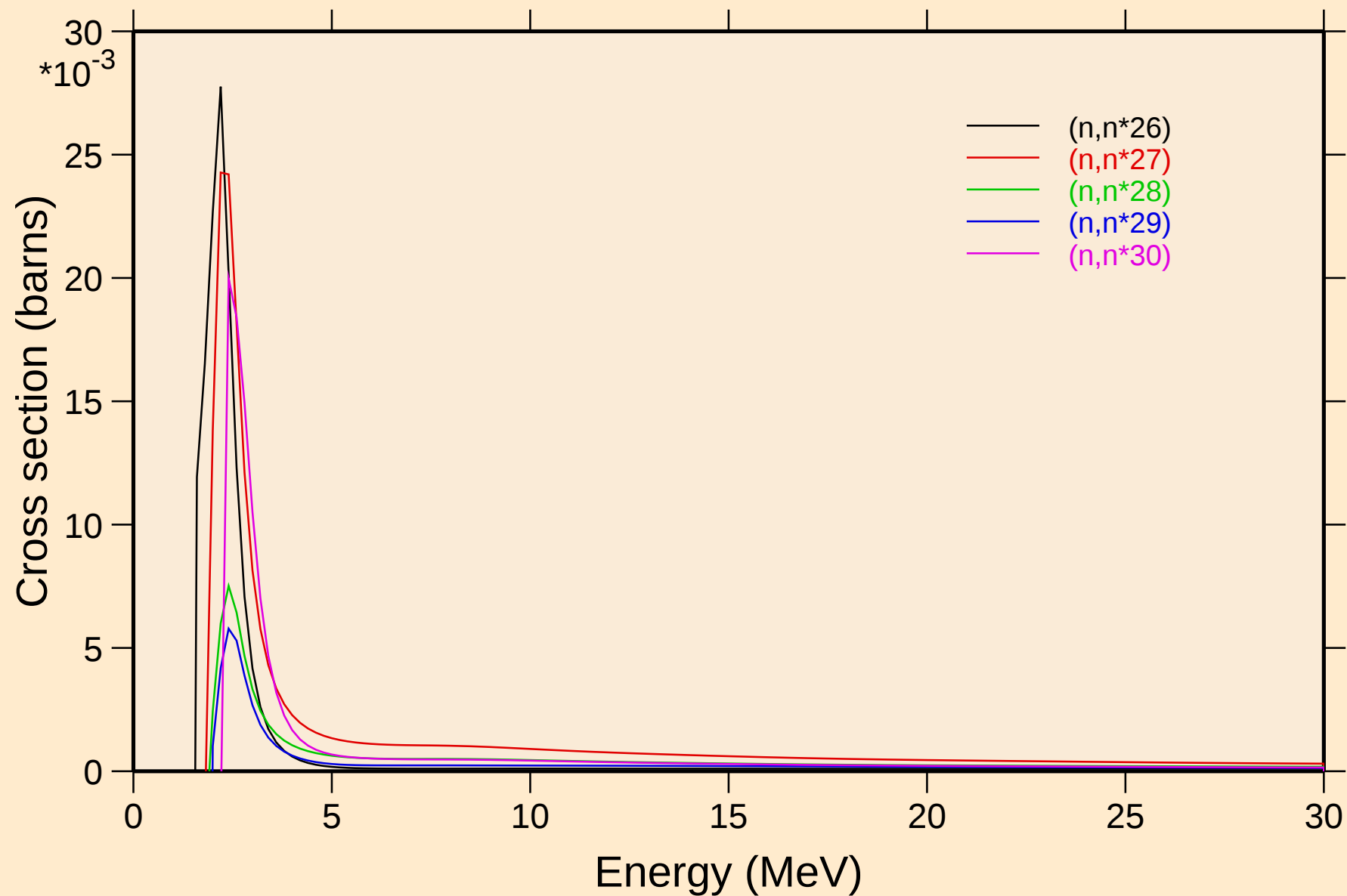
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Inelastic levels



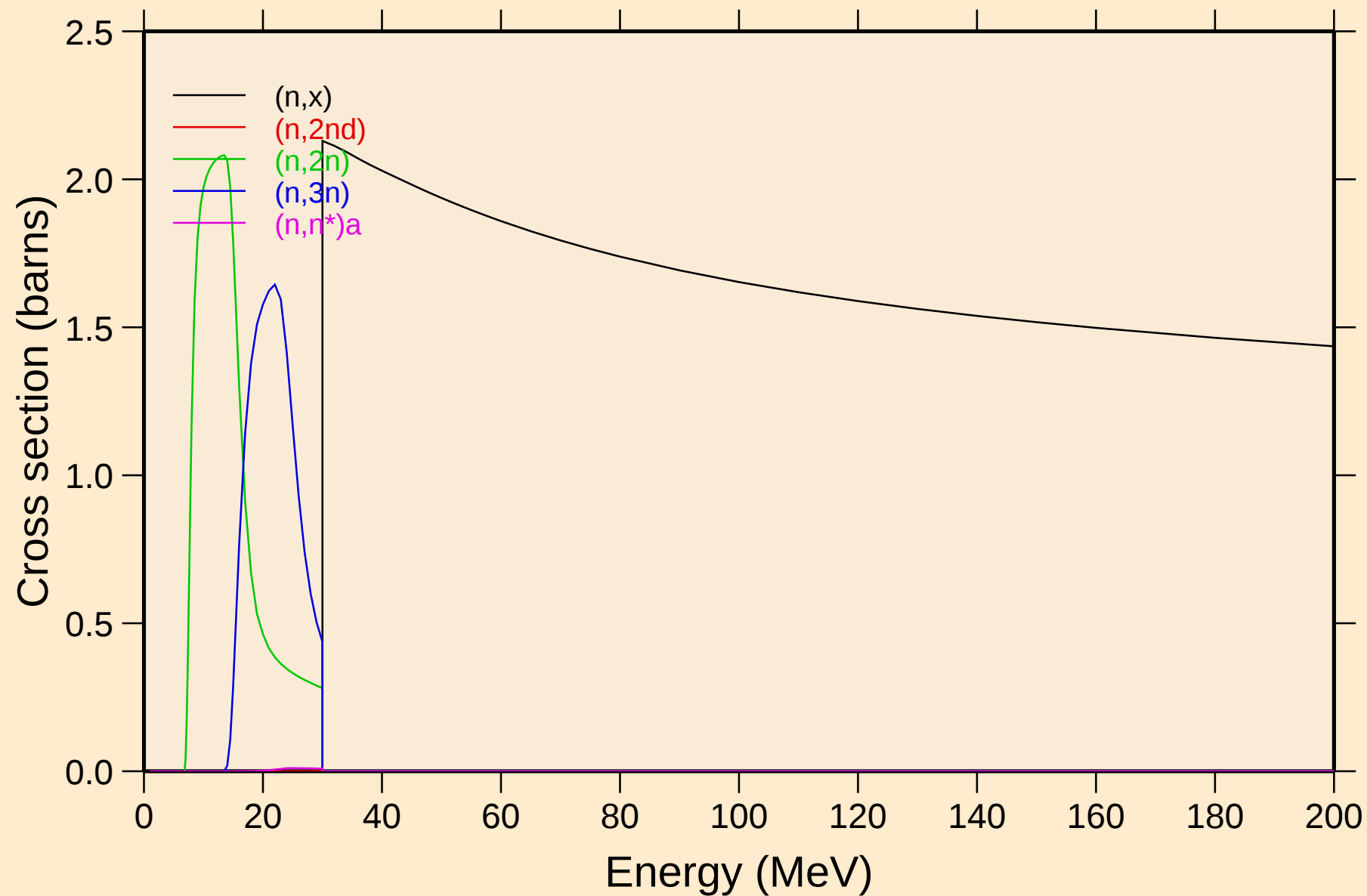
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

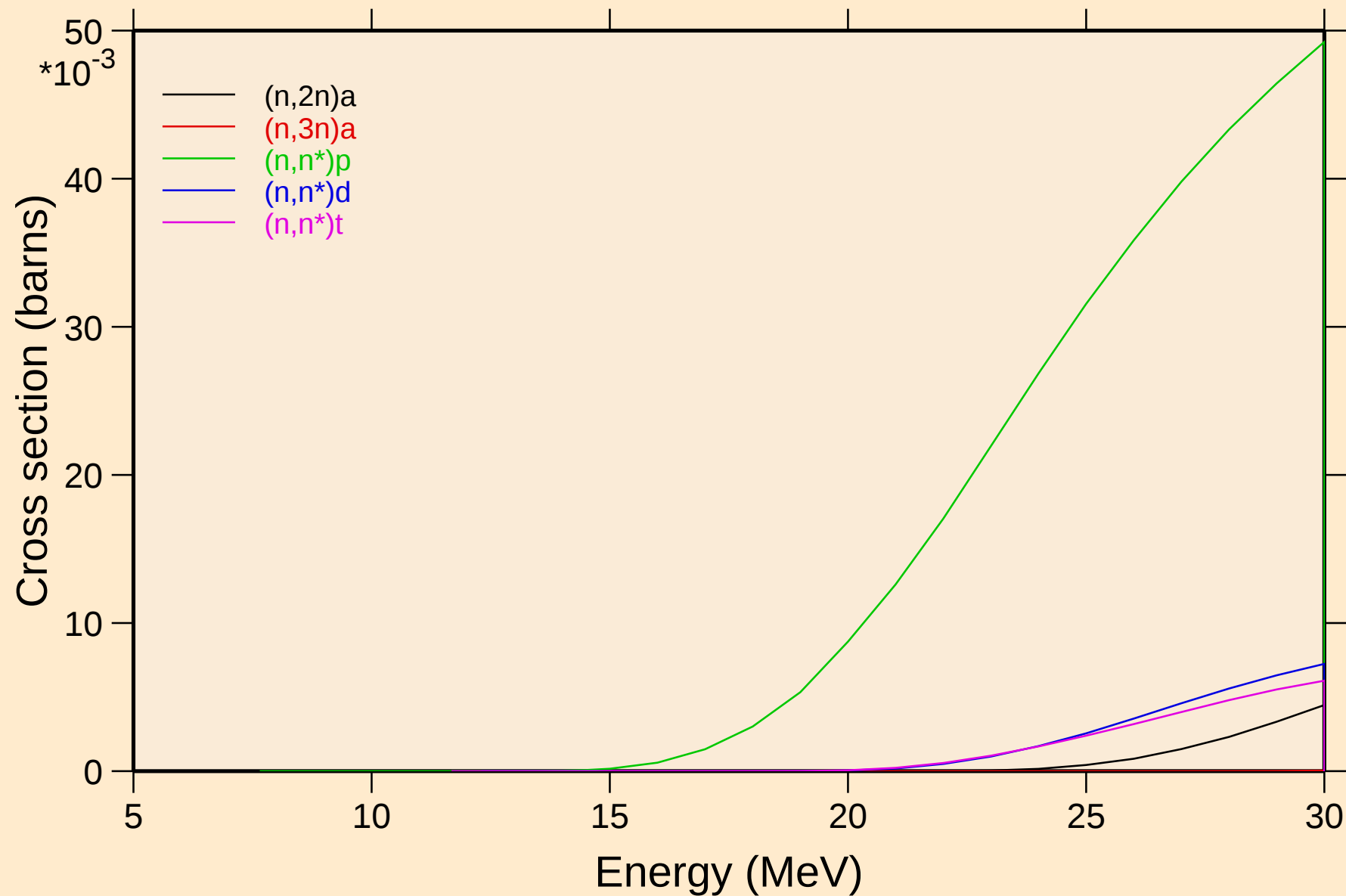


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

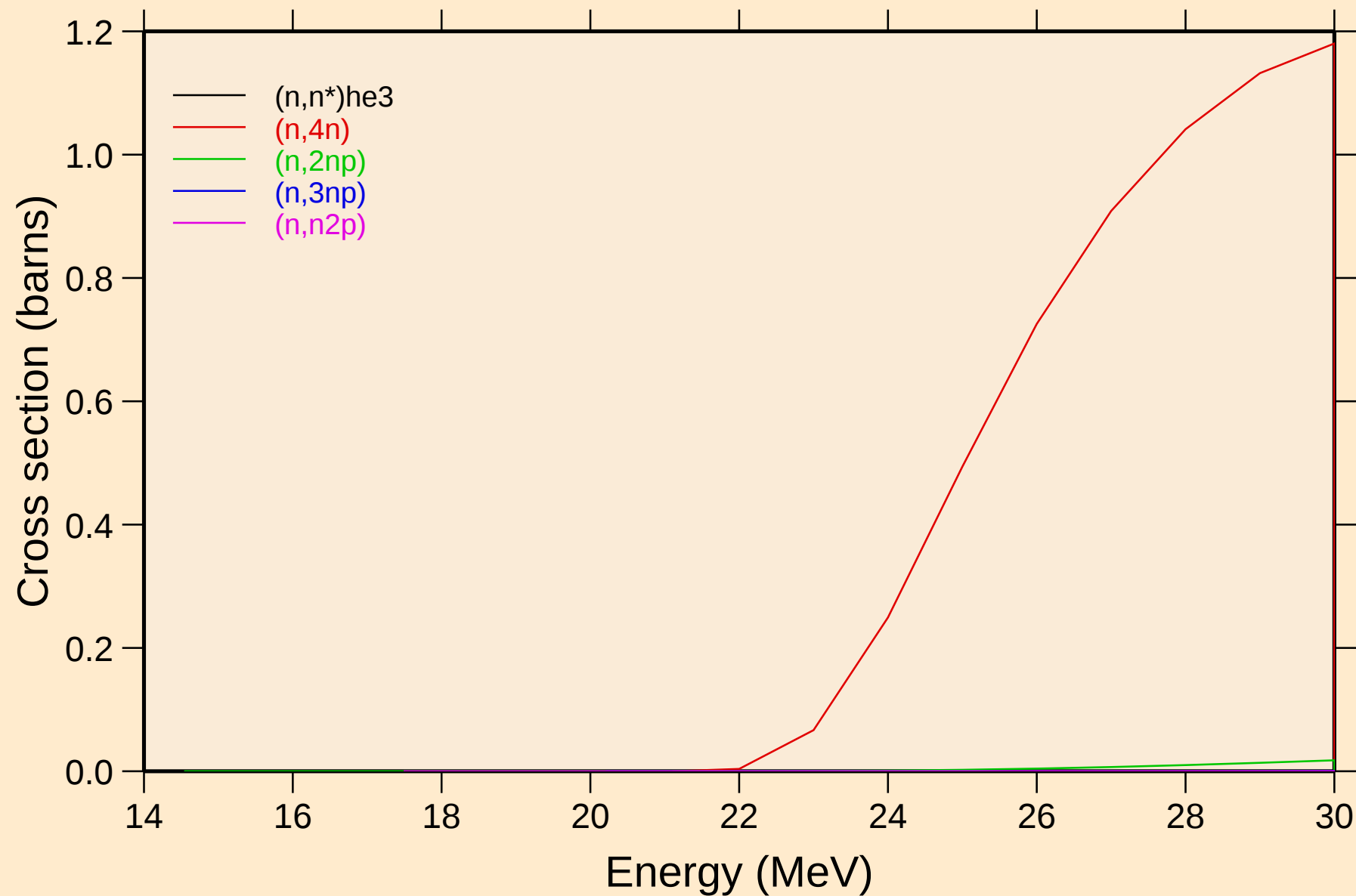
Threshold reactions



TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

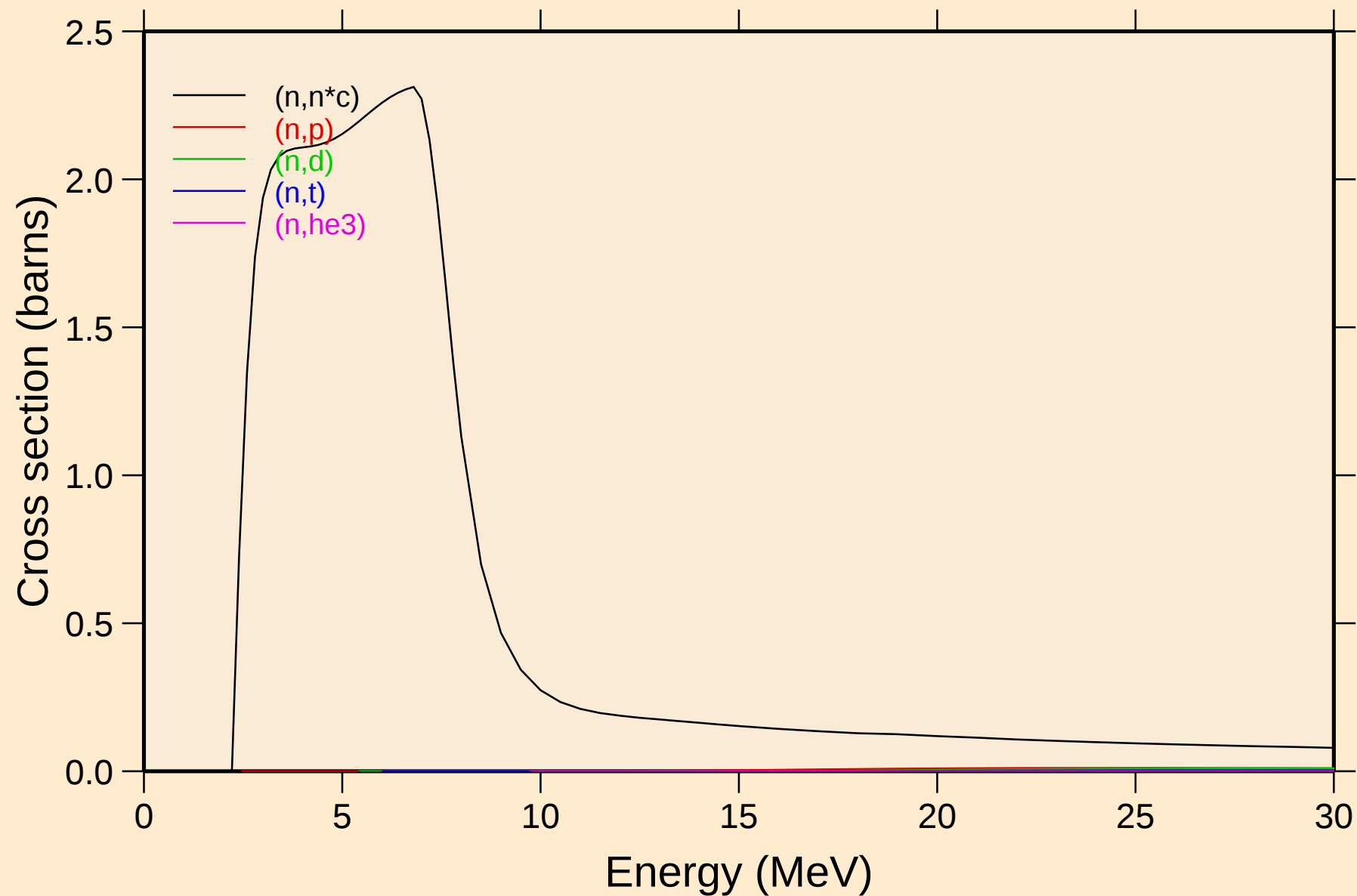


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



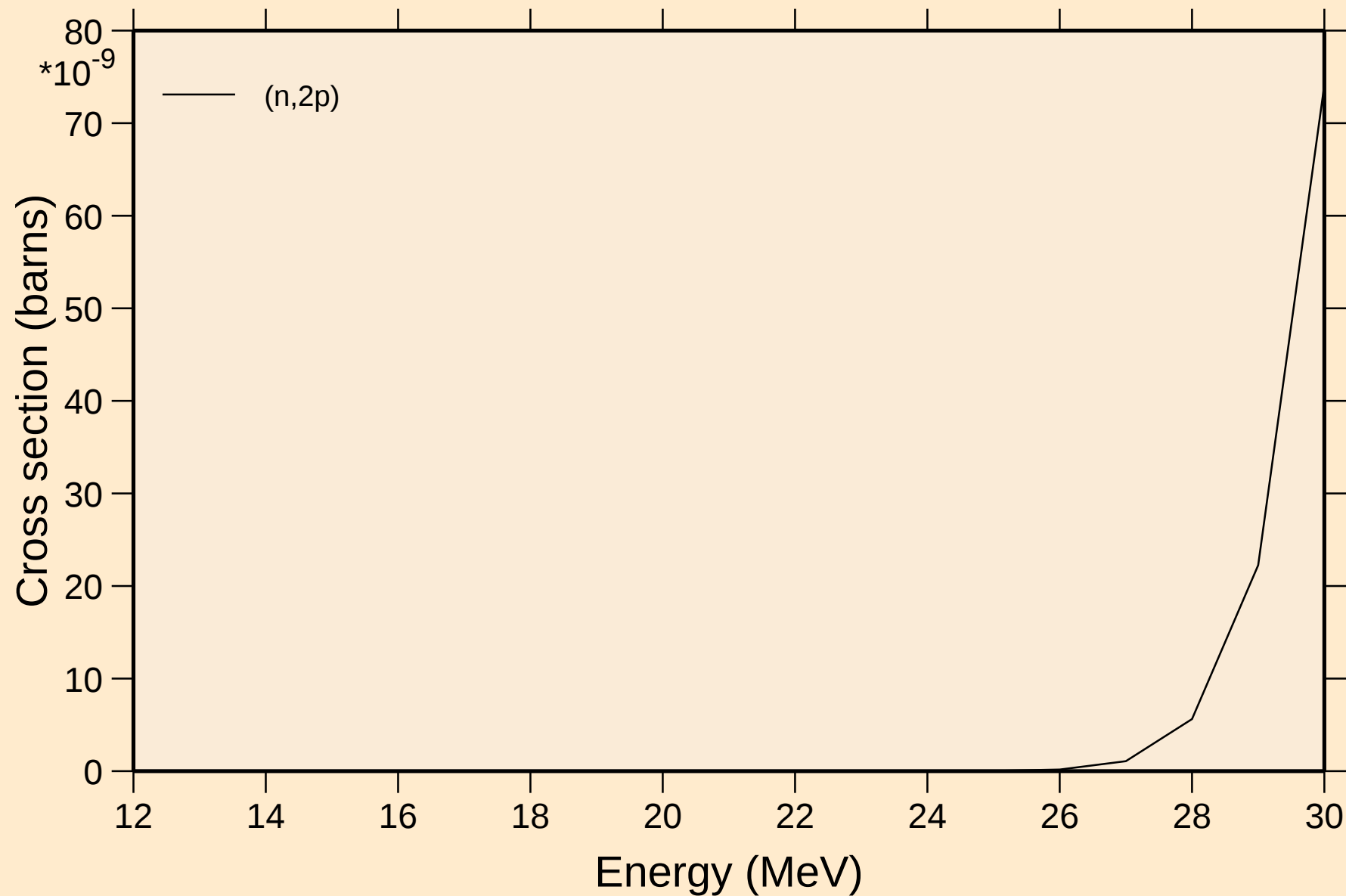
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

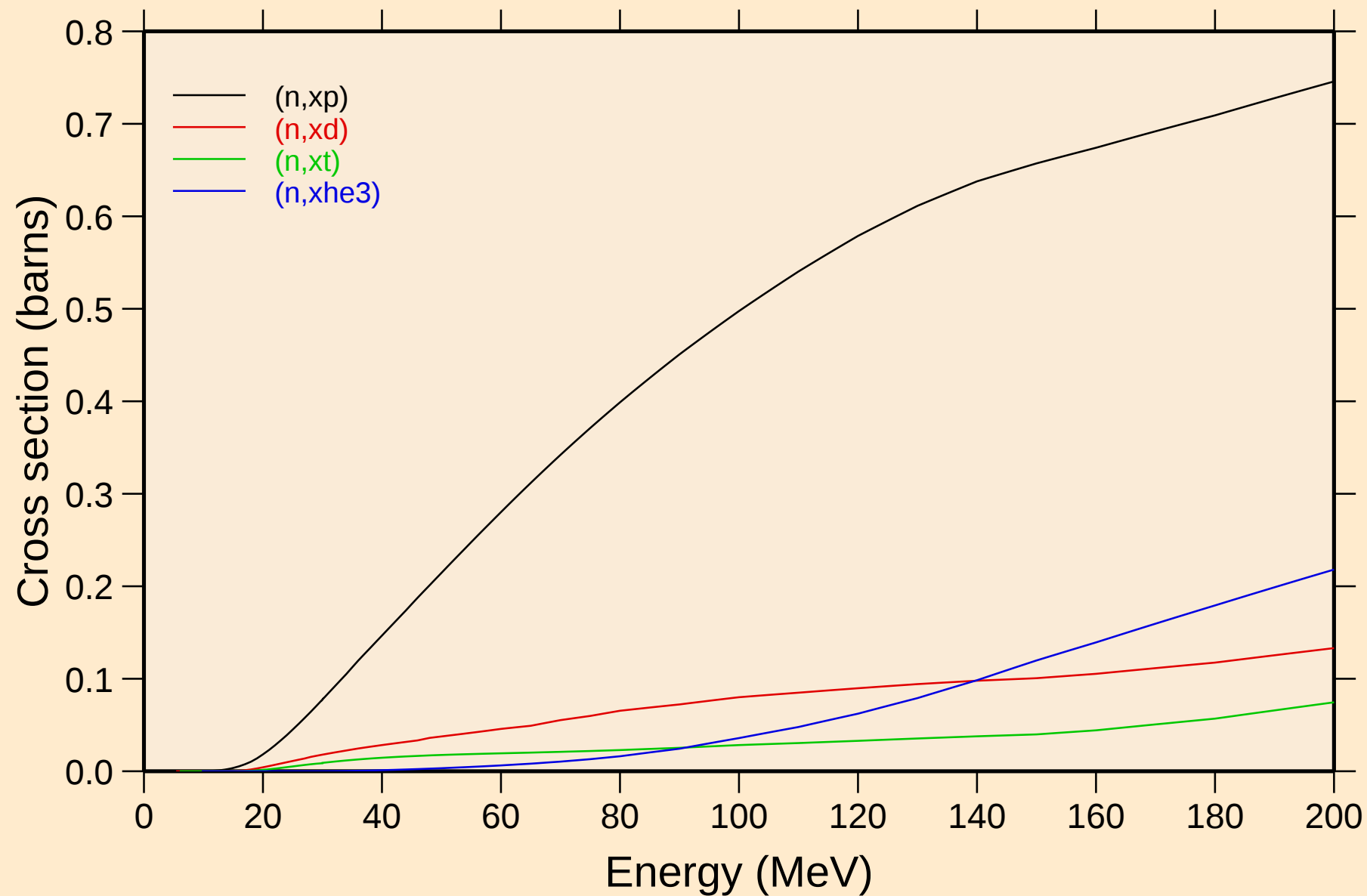


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

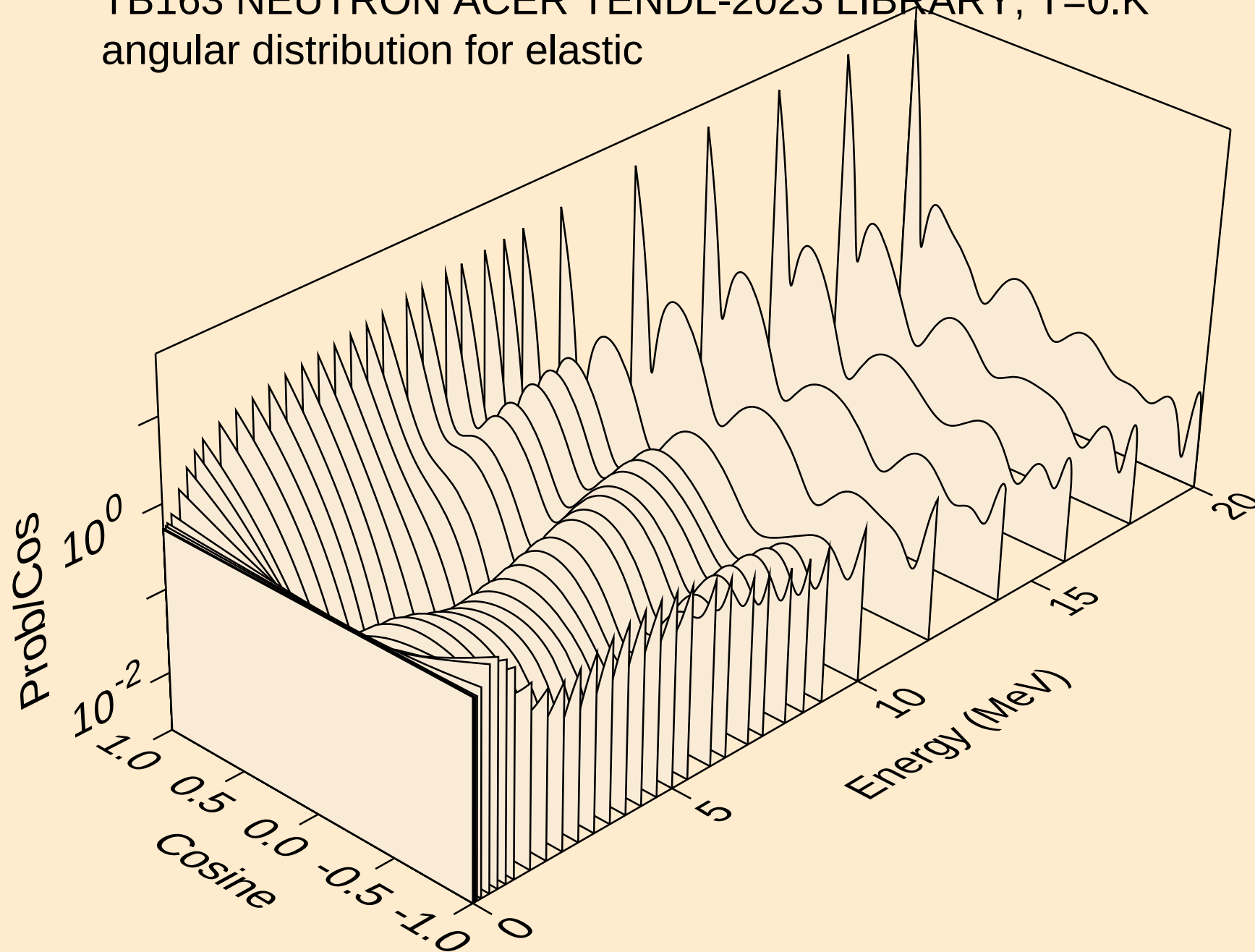
Threshold reactions



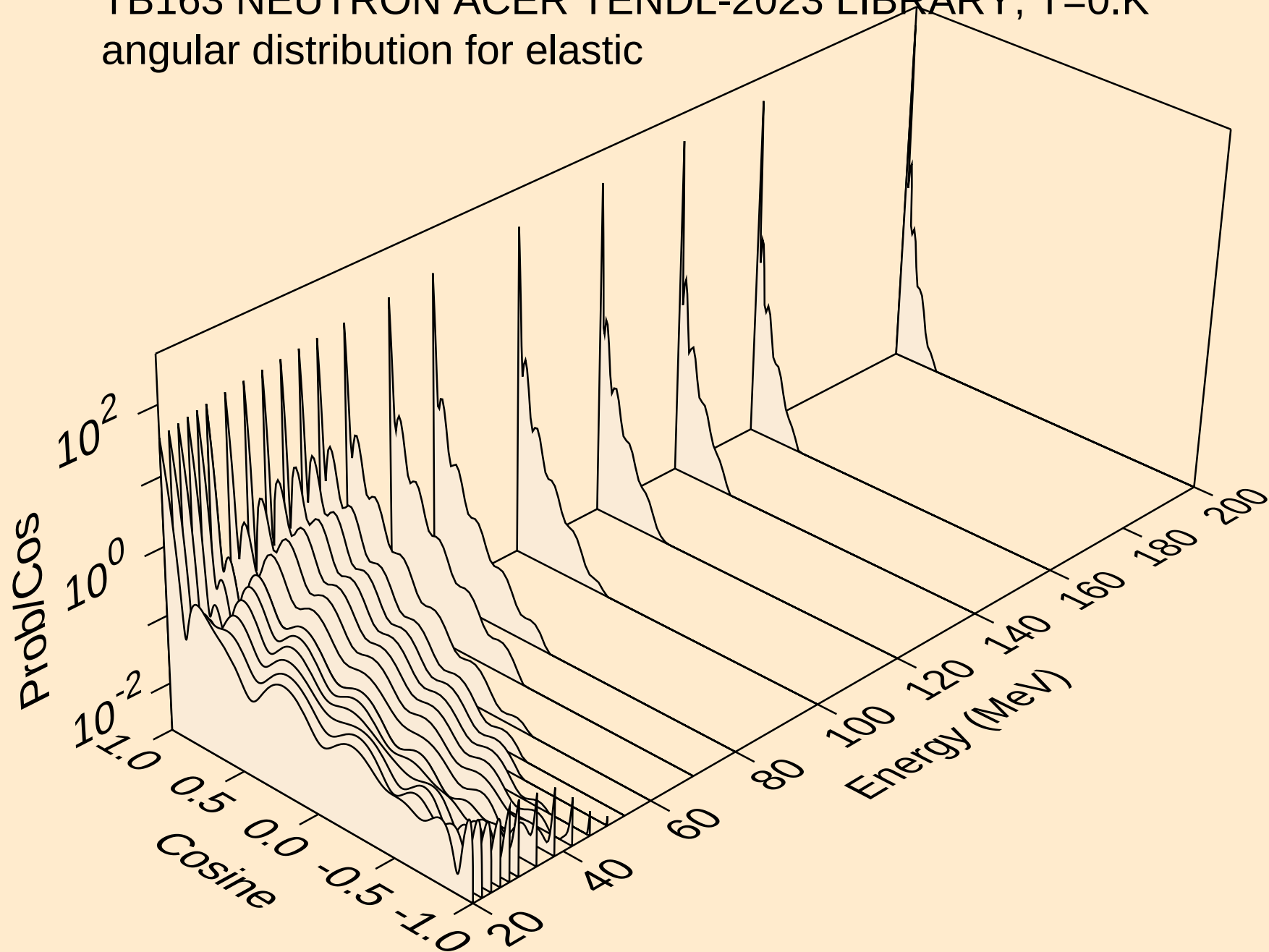
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



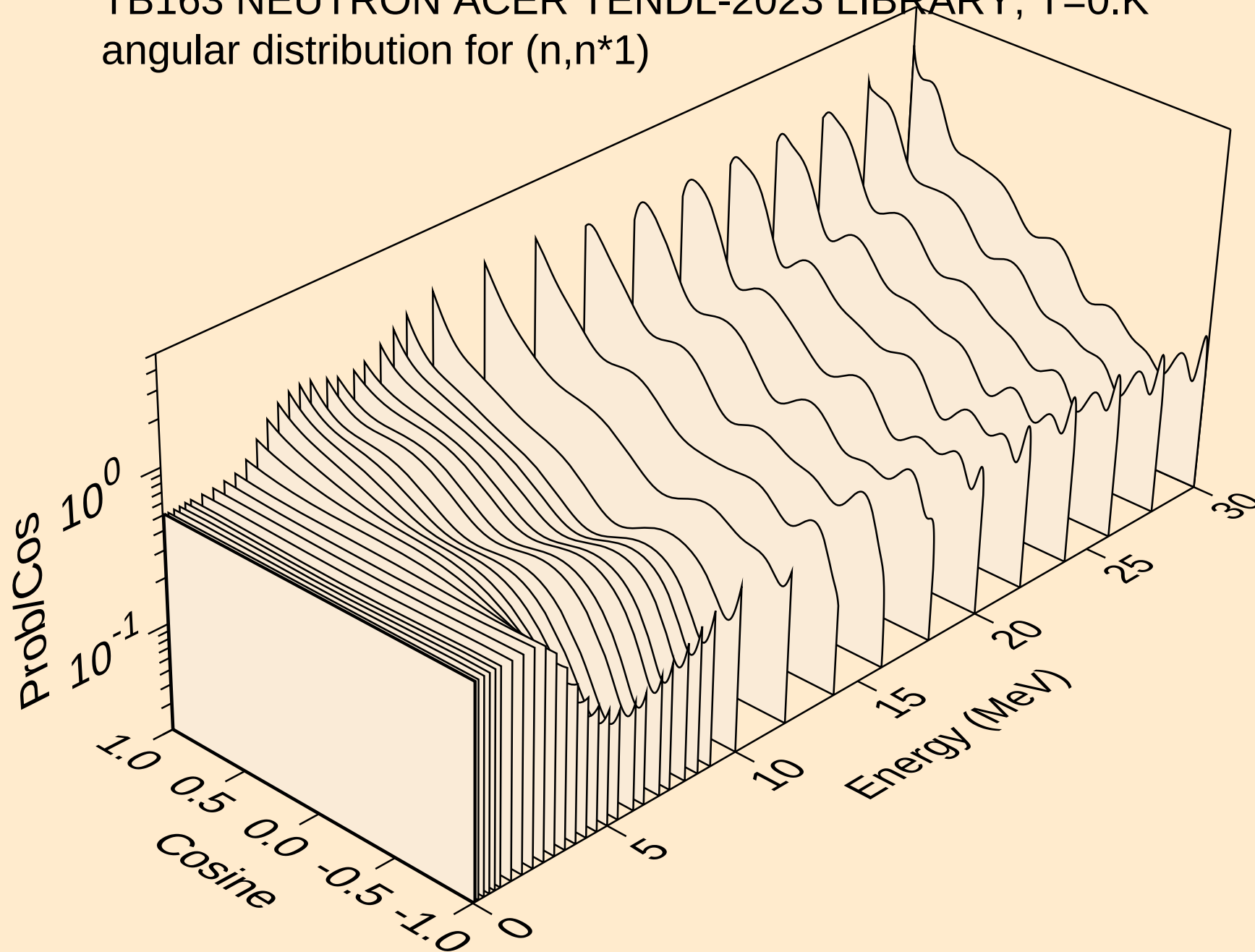
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



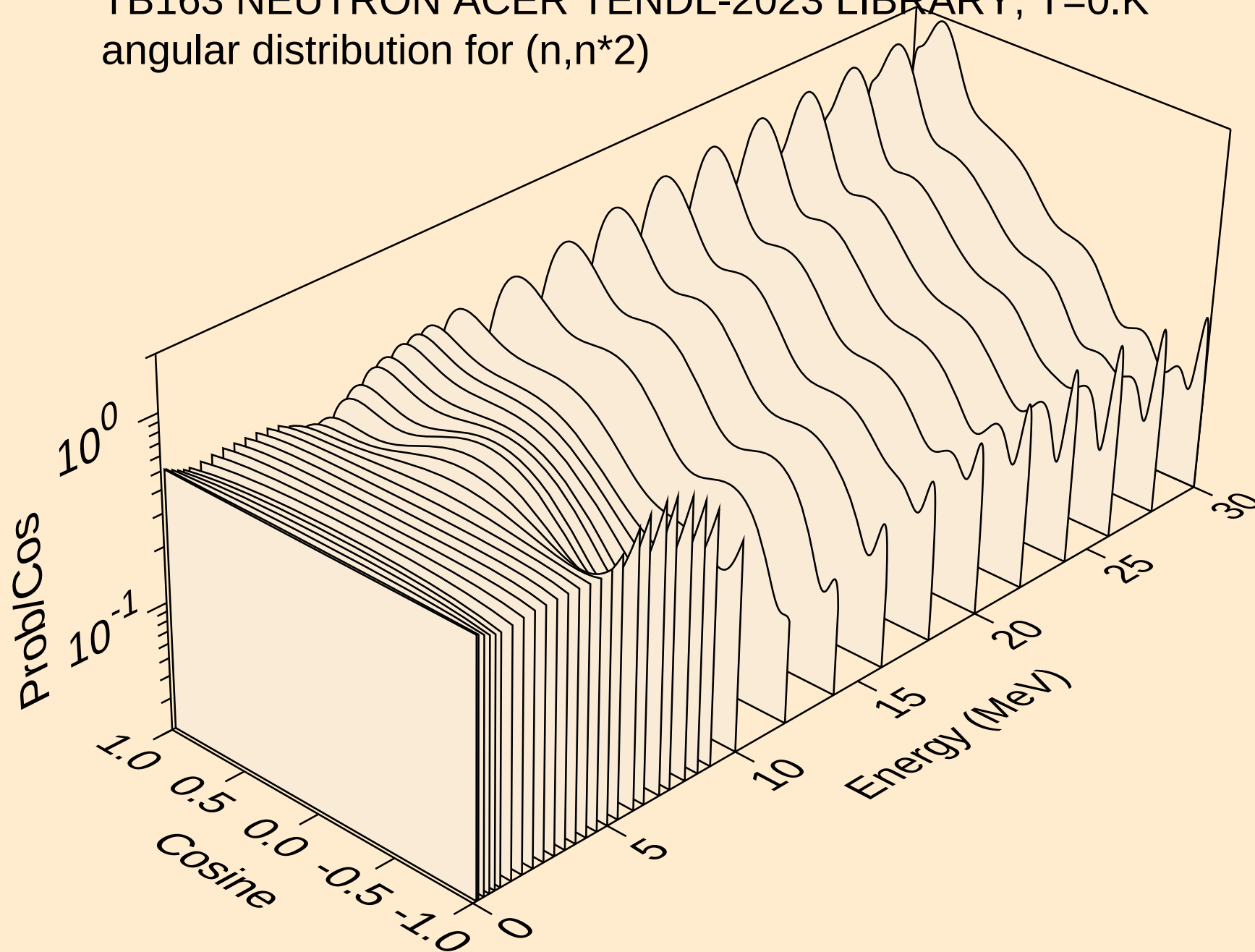
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angular distribution for elastic



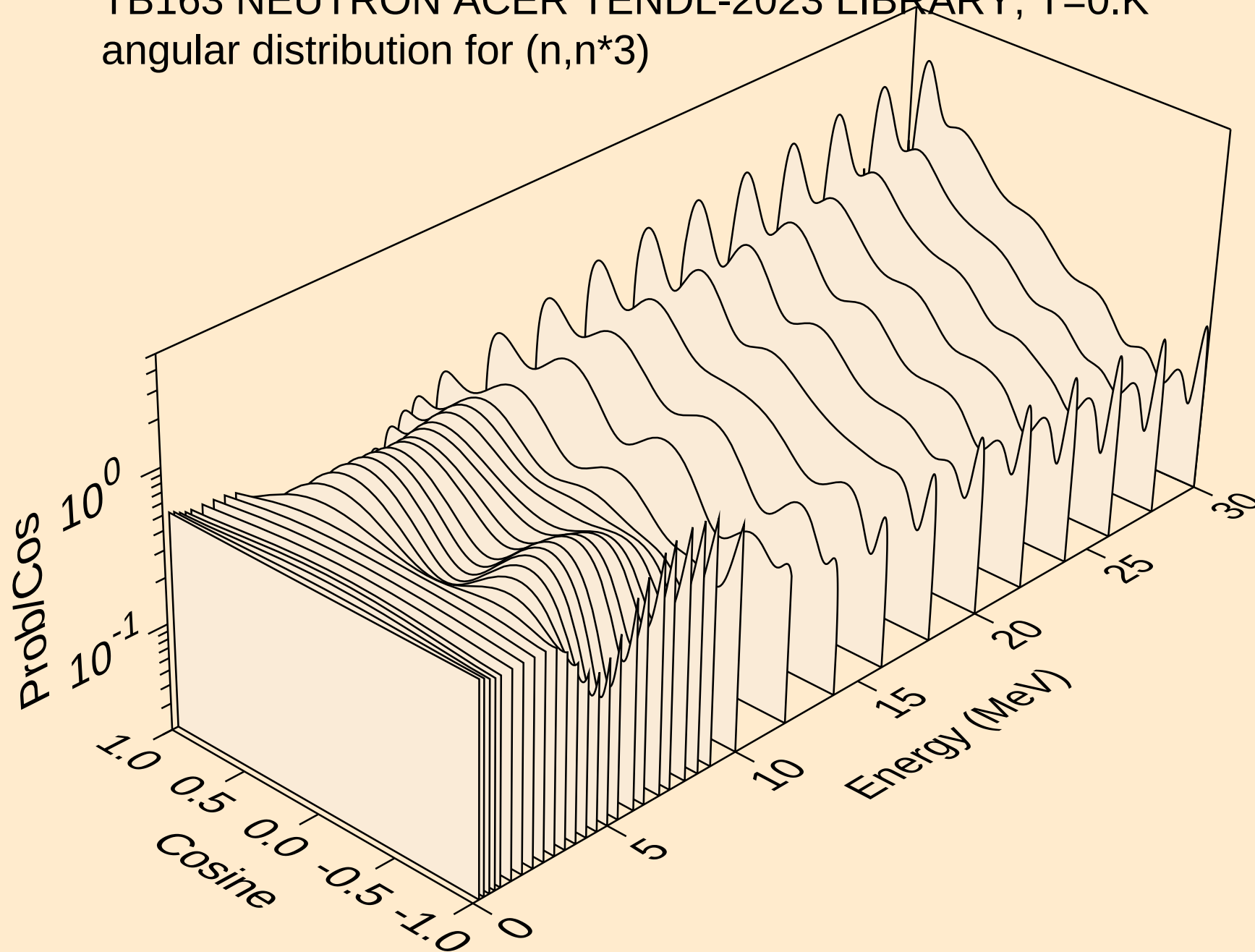
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



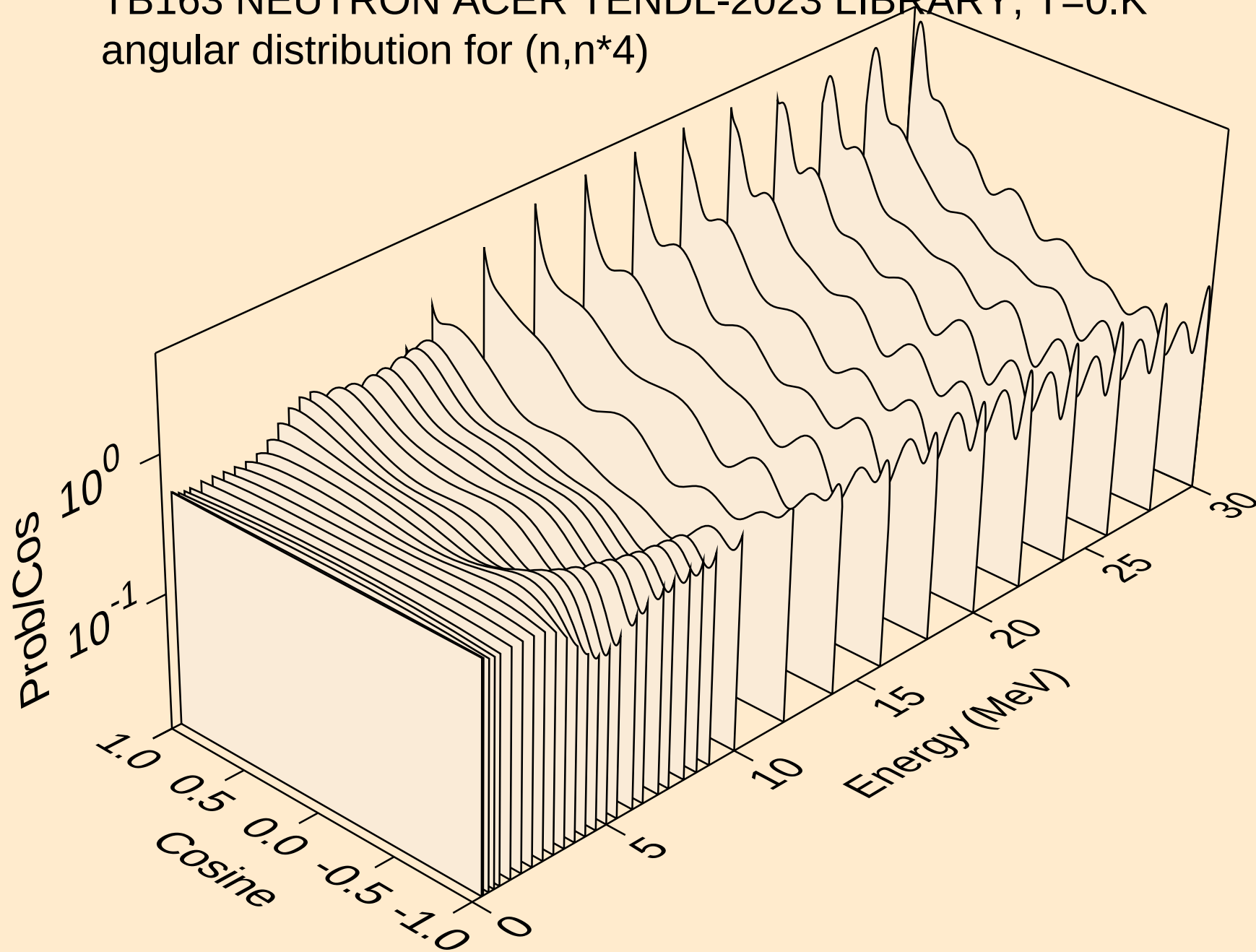
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



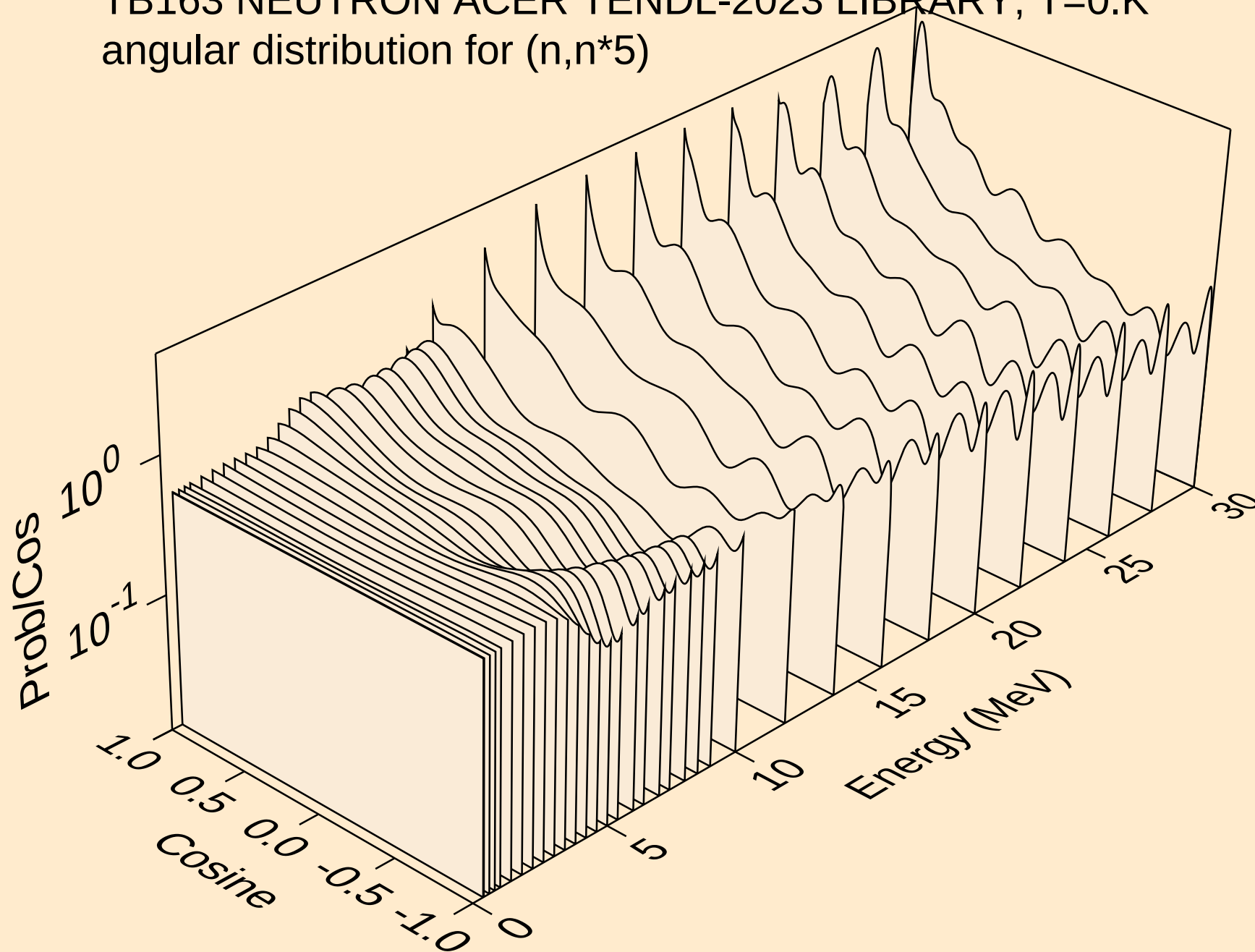
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



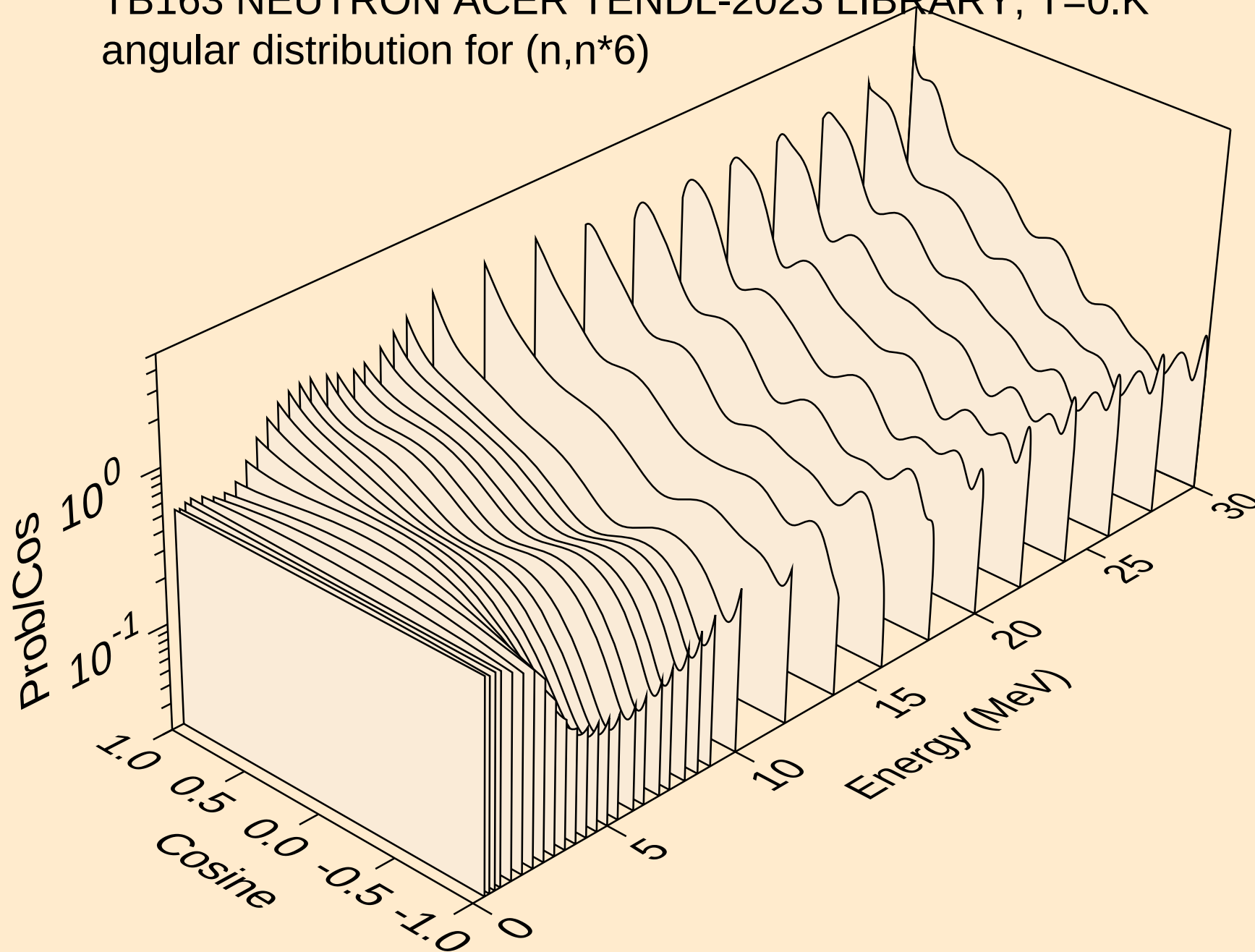
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



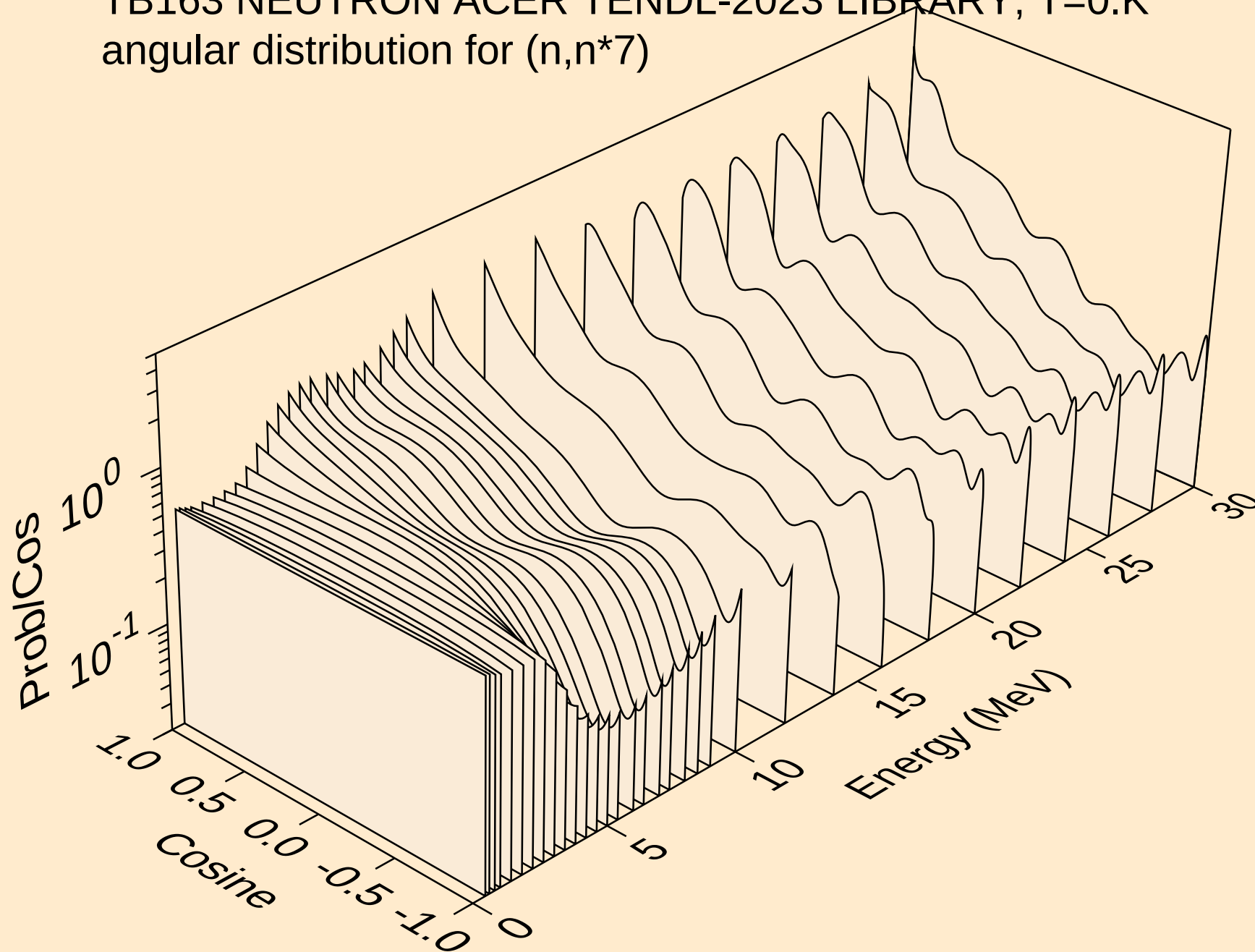
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



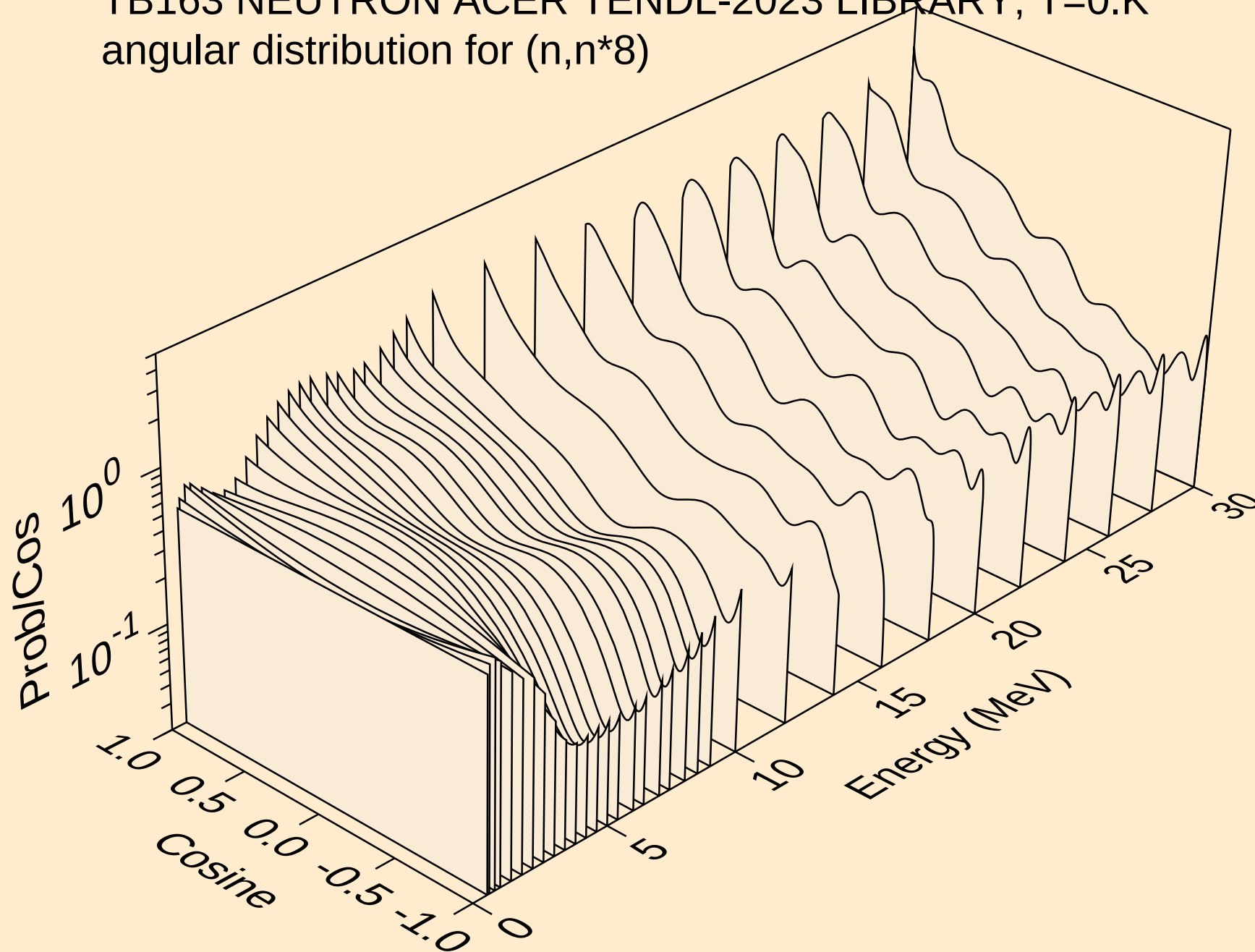
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



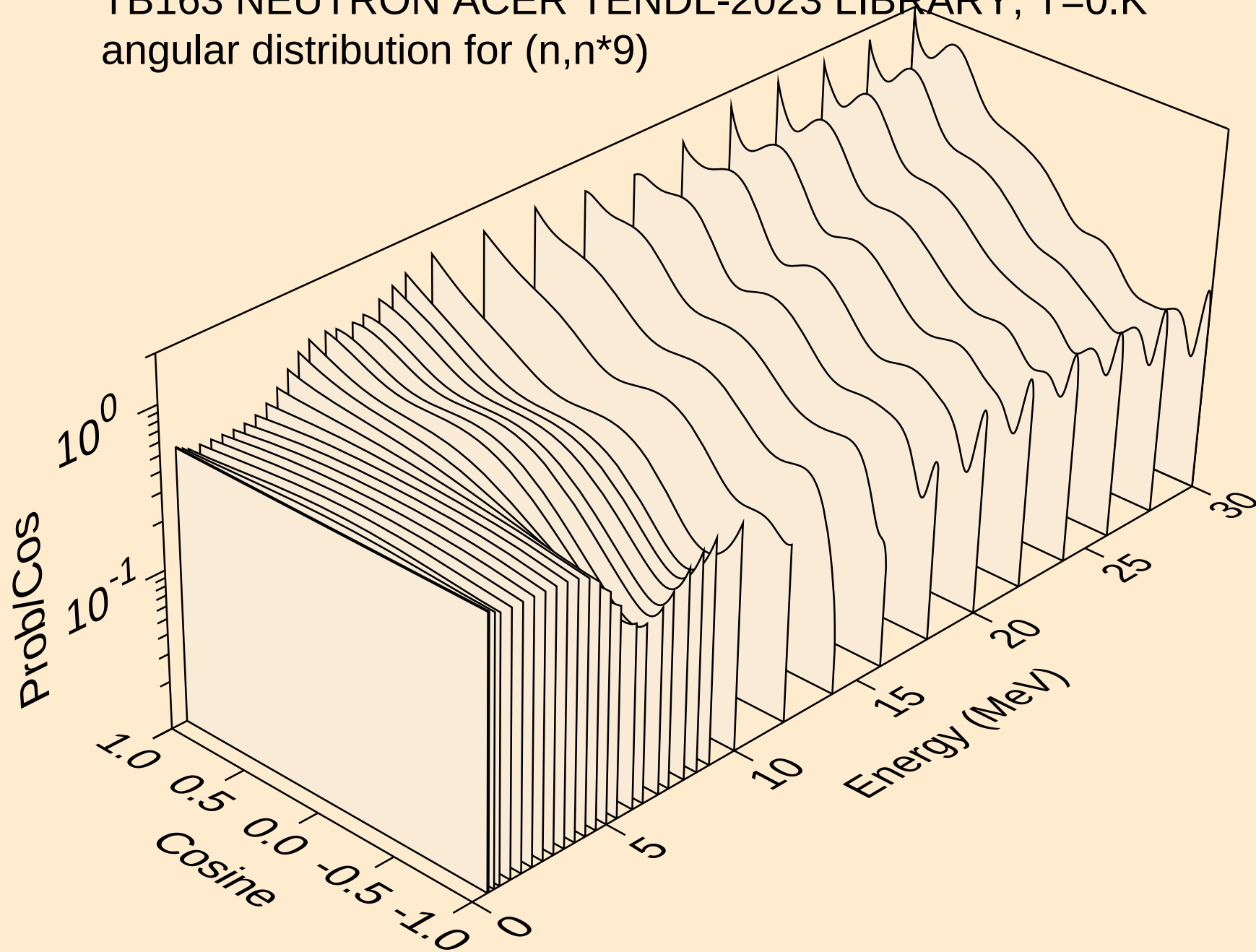
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



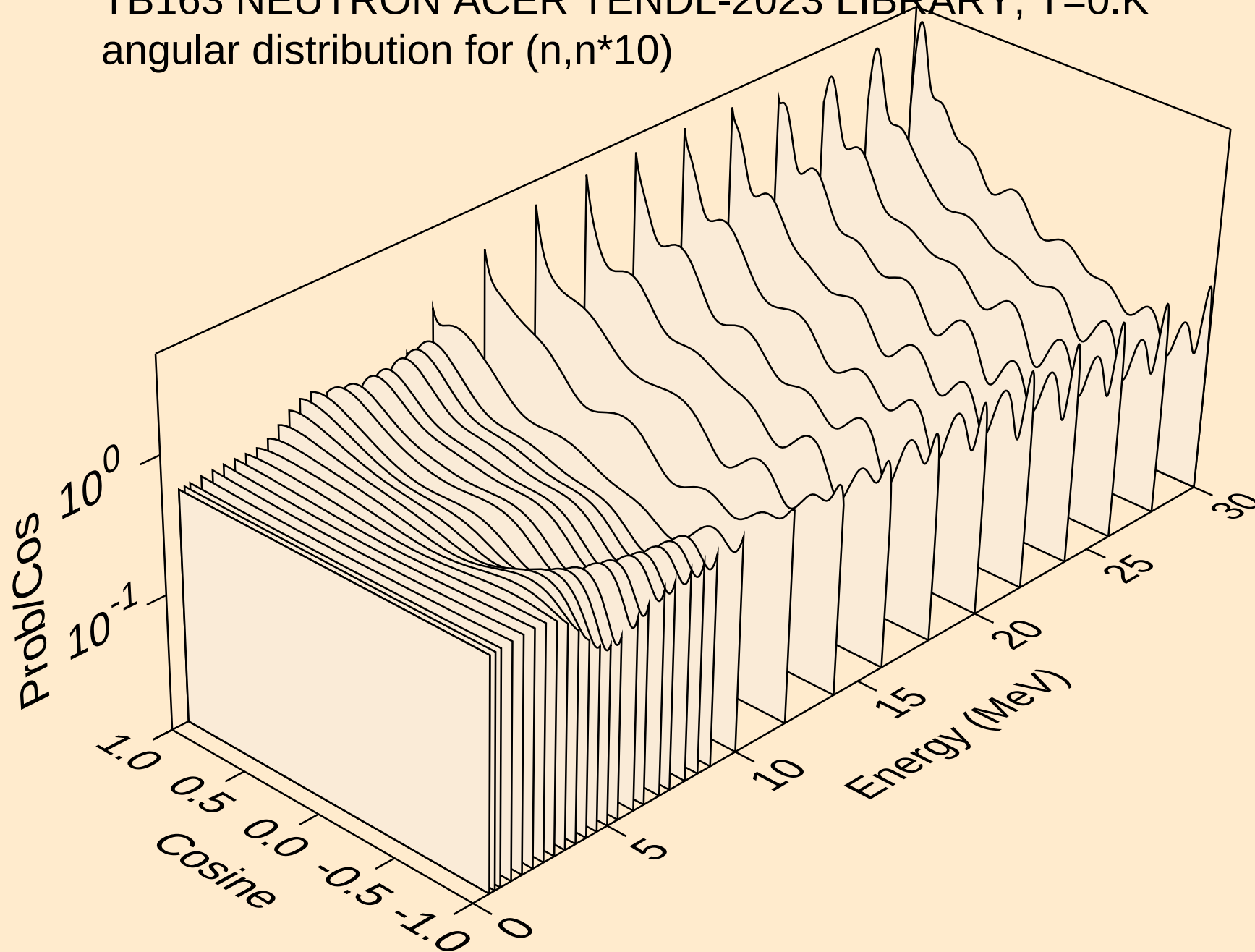
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



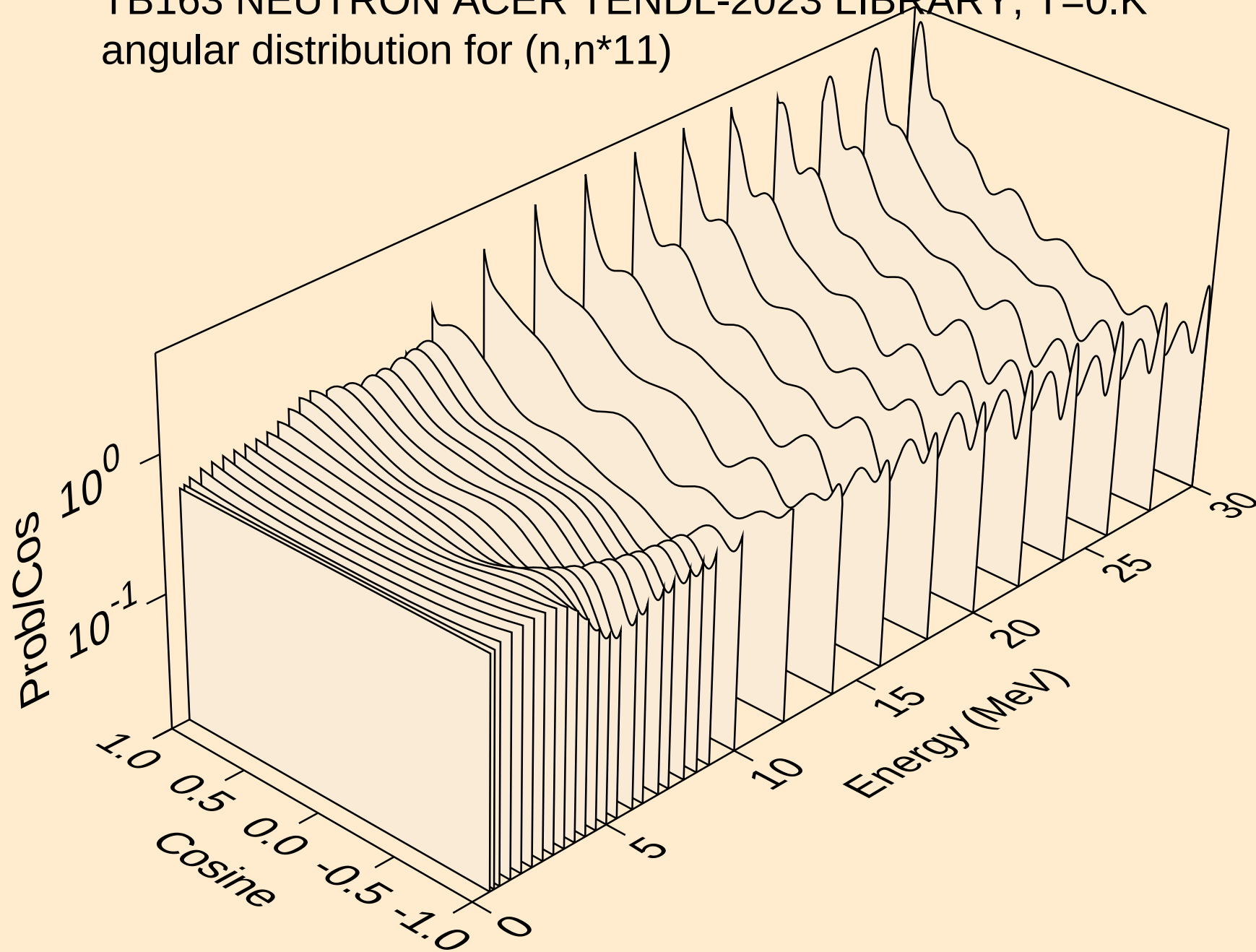
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angular distribution for (n,n*9)



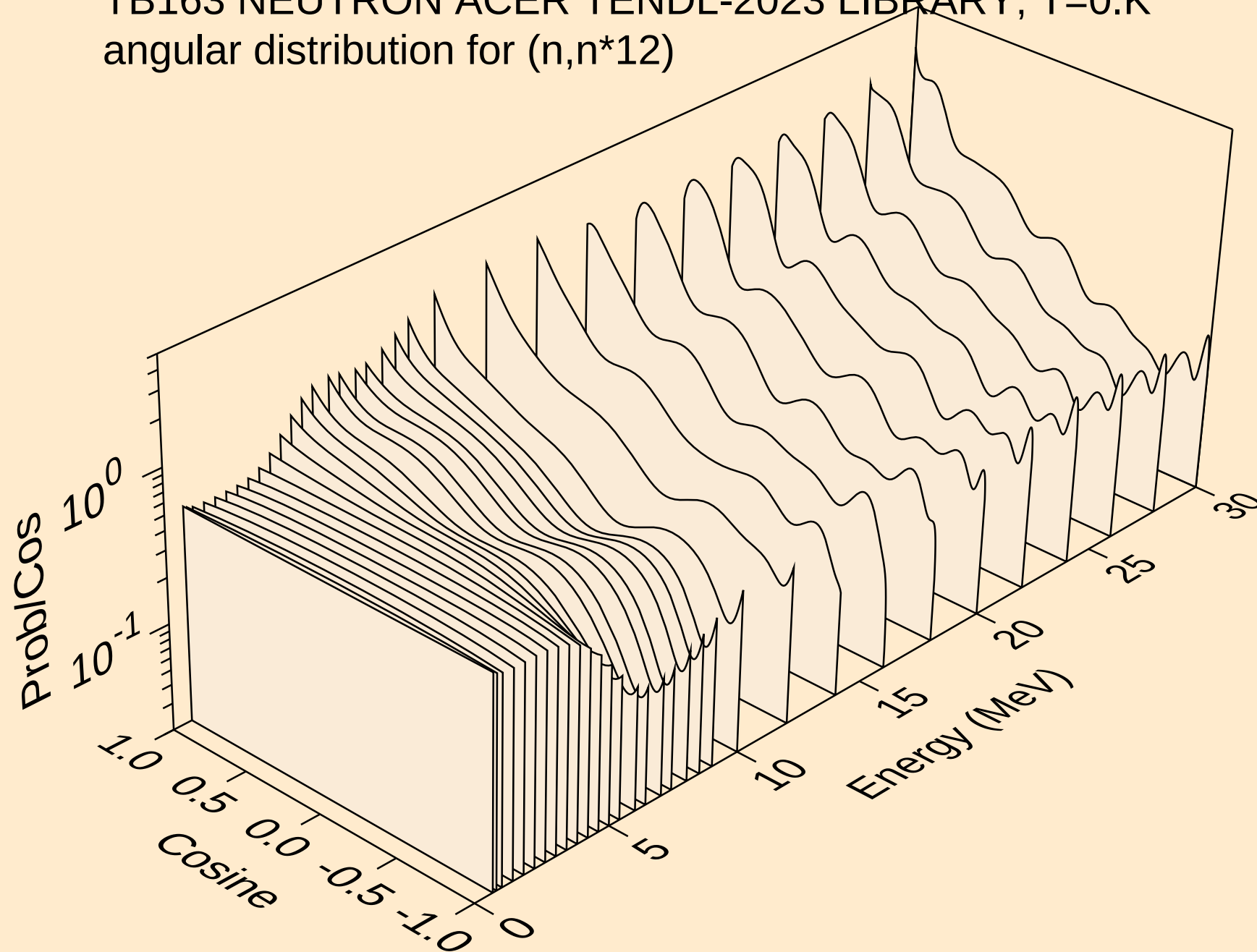
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angular distribution for (n,n*10)



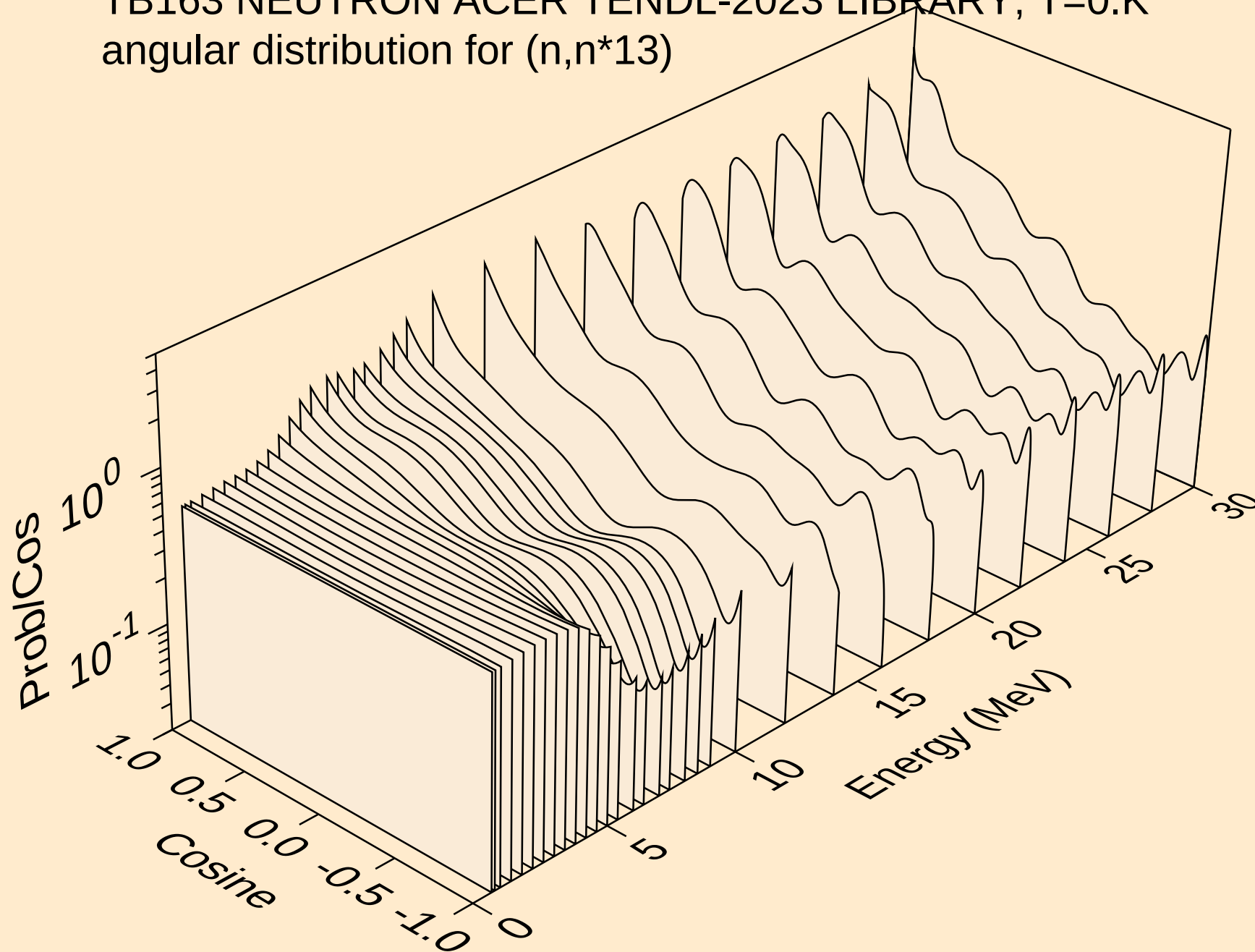
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



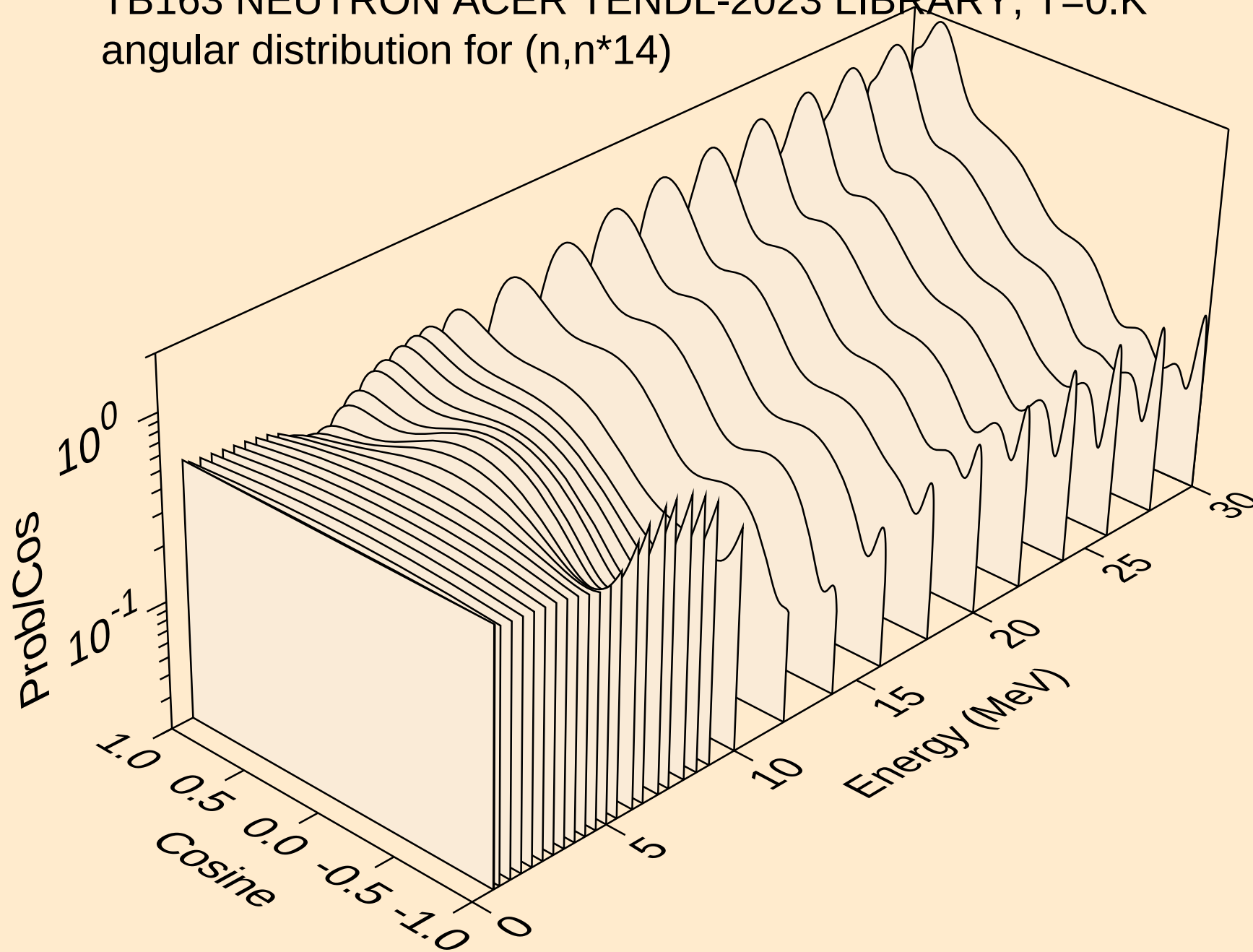
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



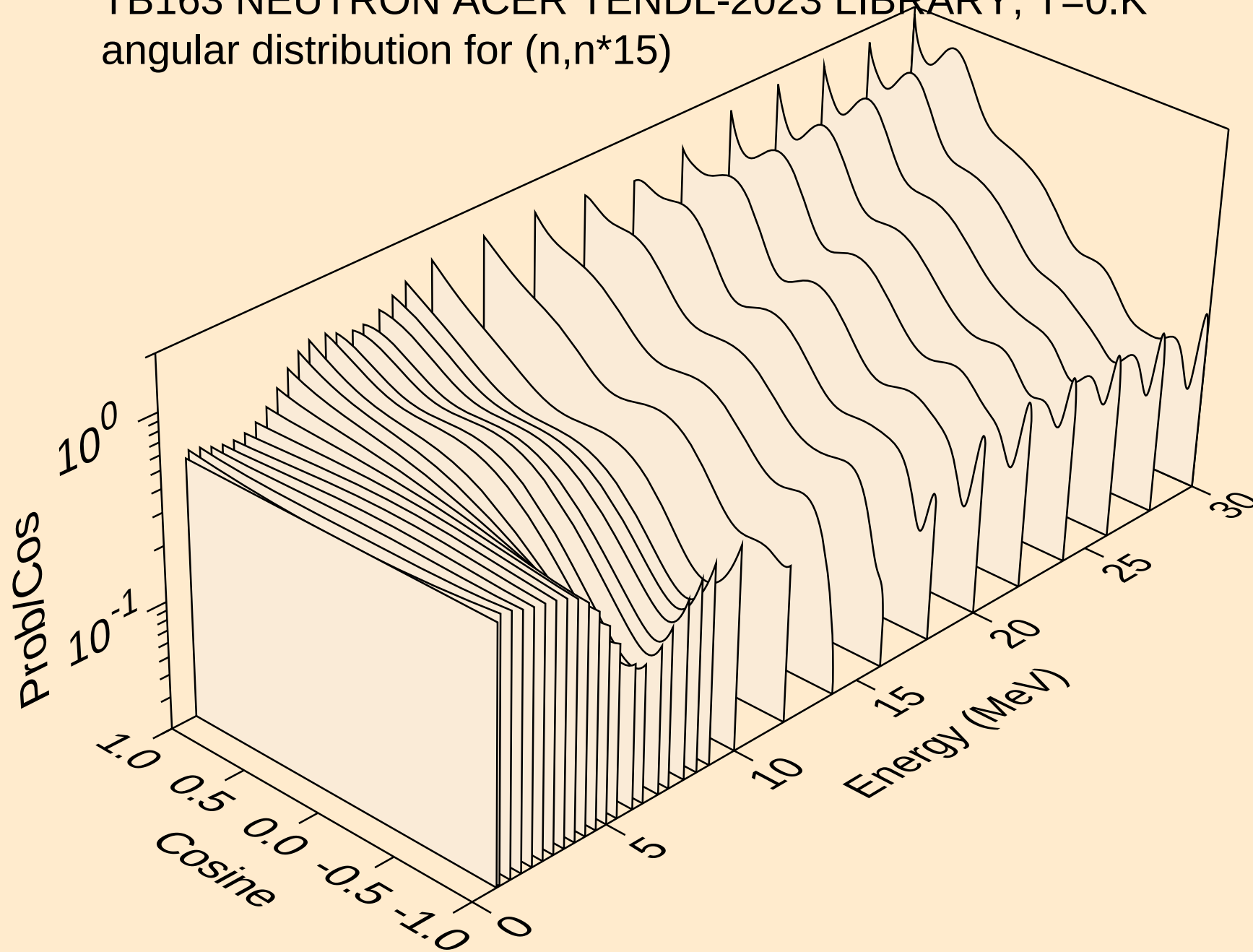
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



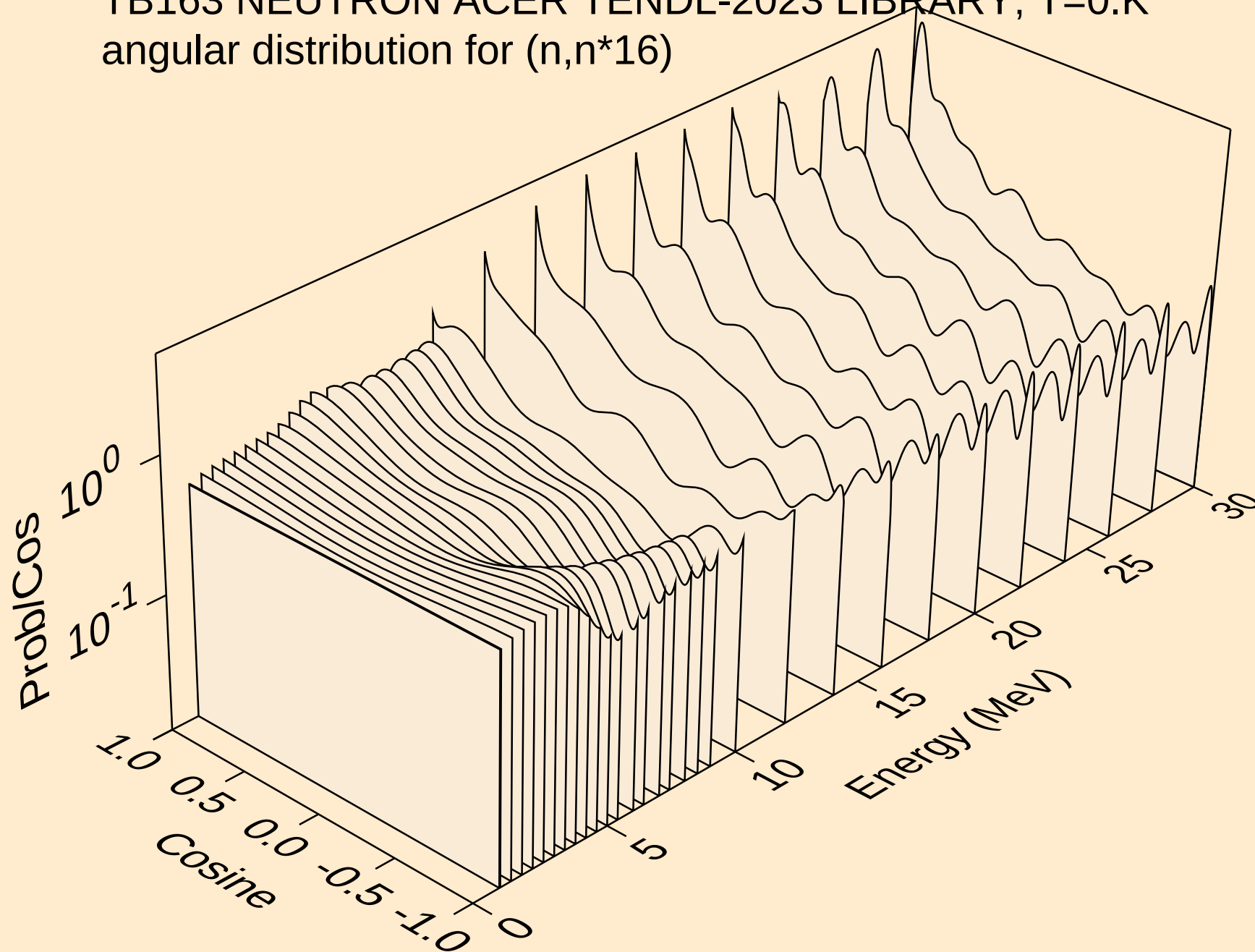
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angular distribution for (n,n*14)



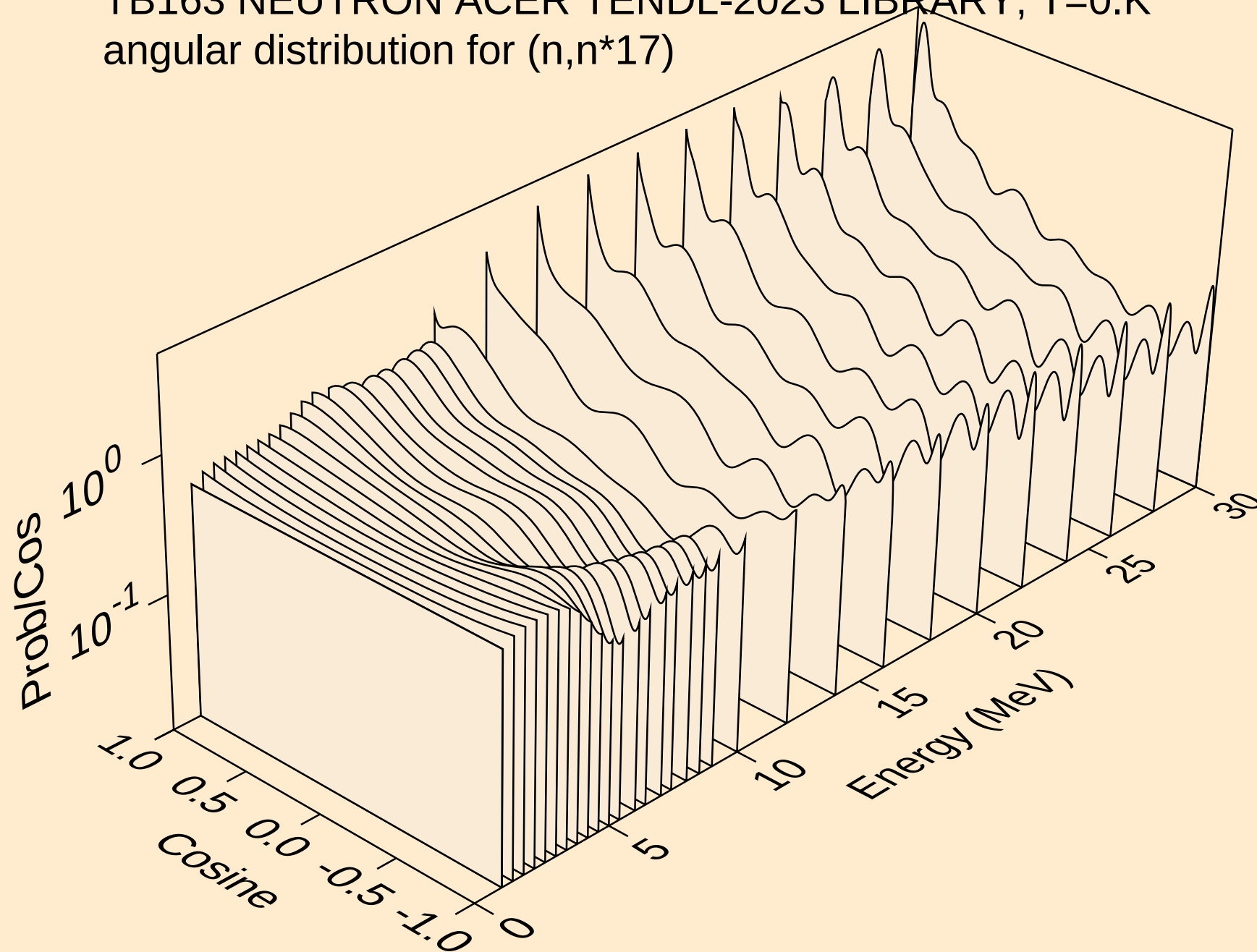
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angular distribution for (n,n*15)



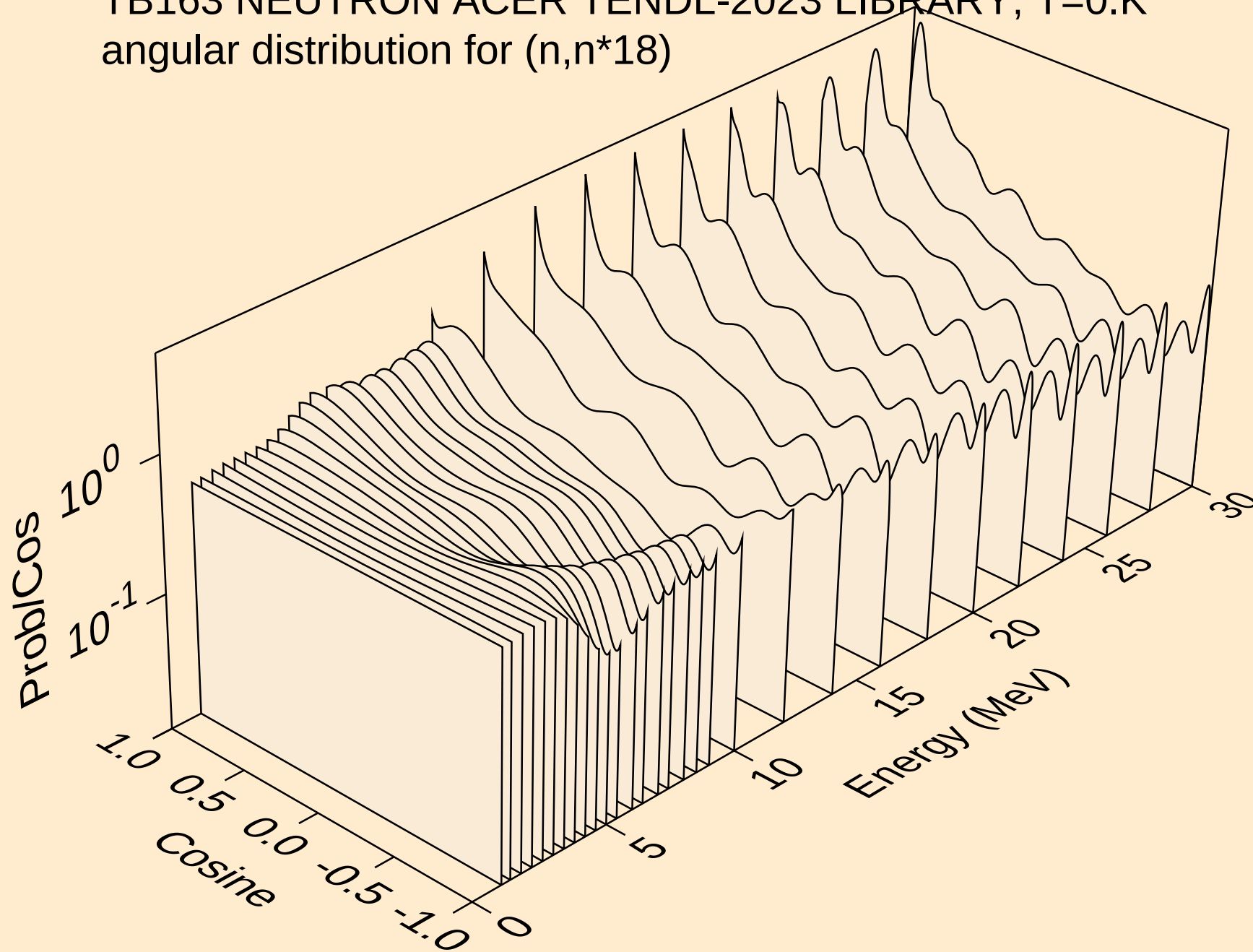
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



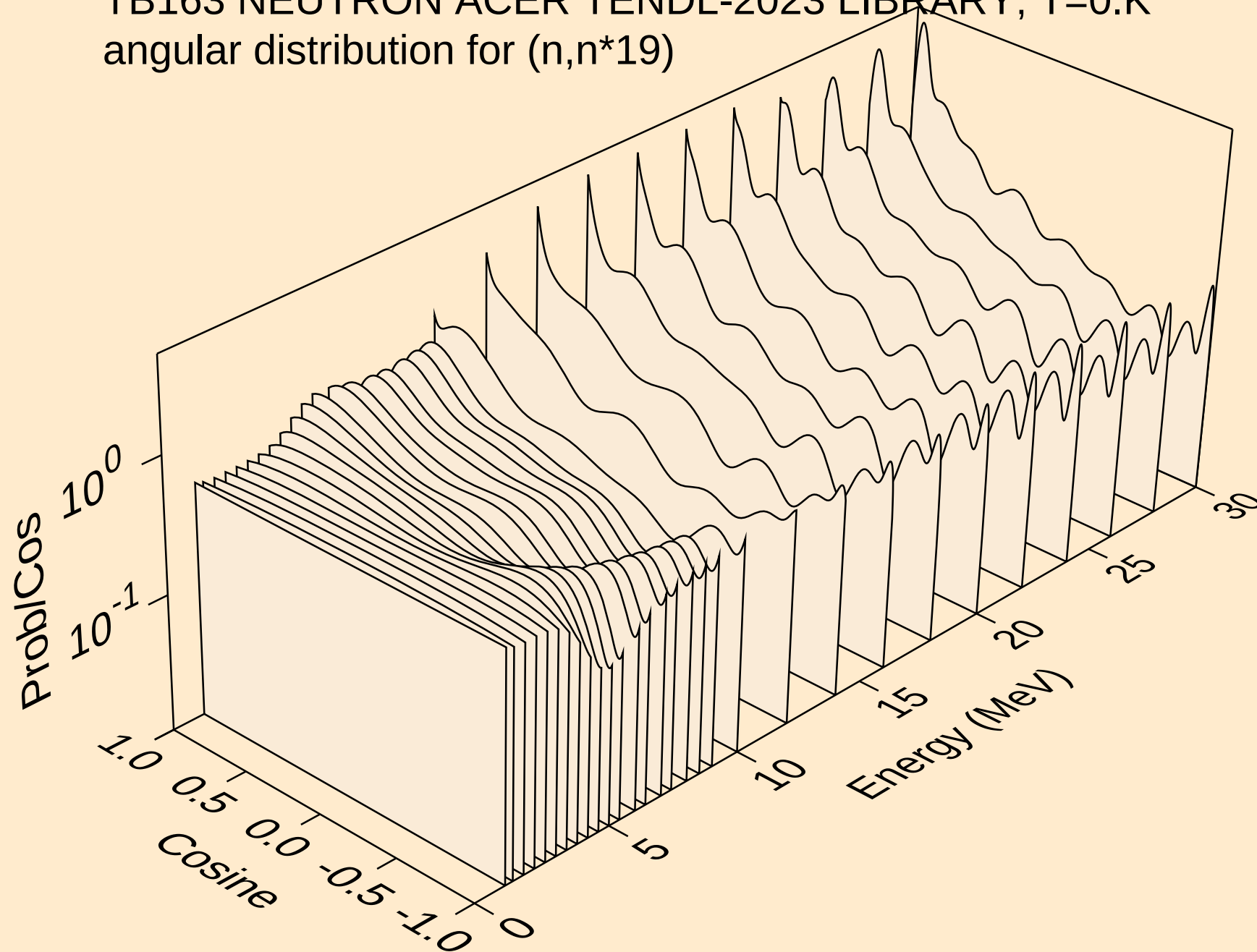
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*17)



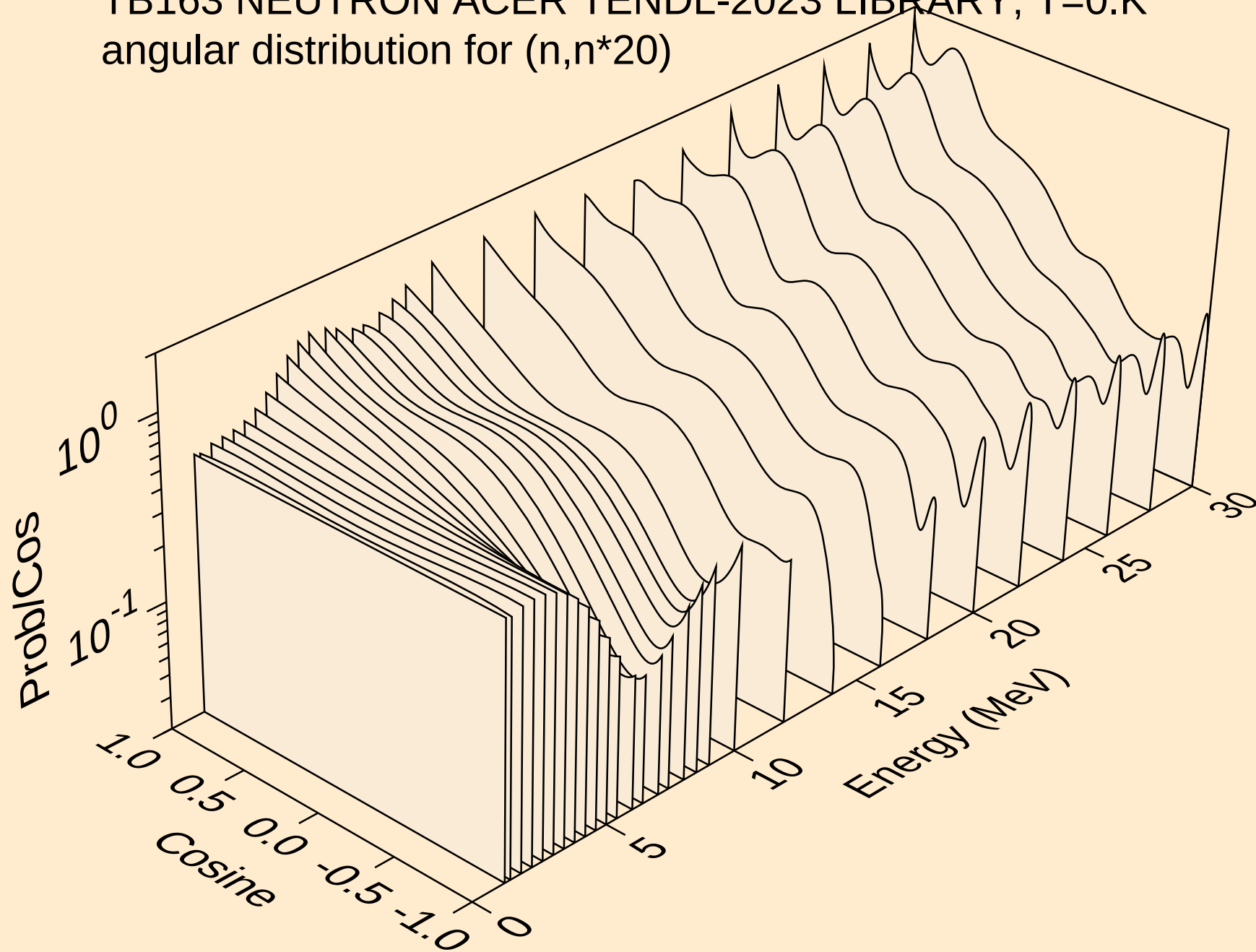
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*18)



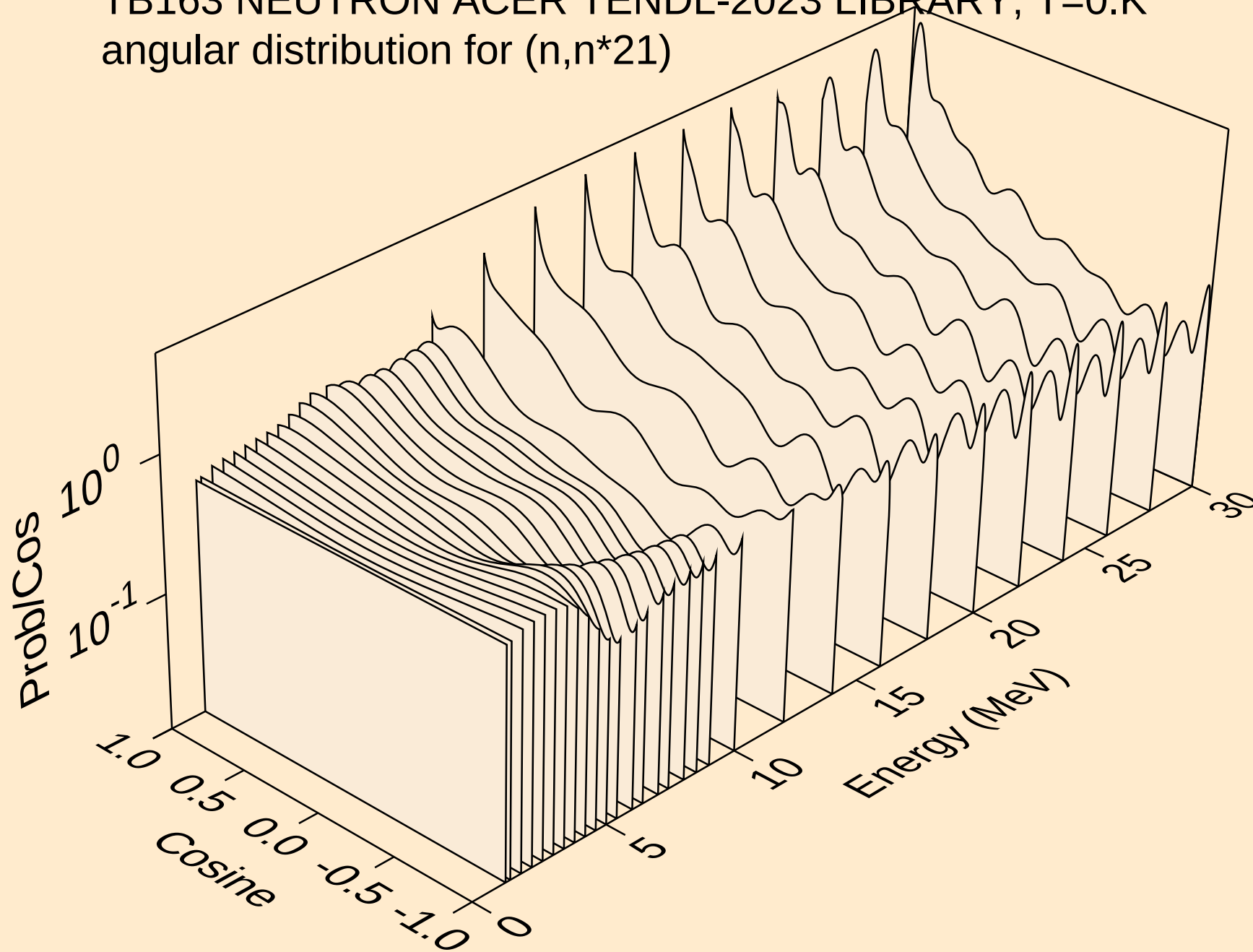
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angular distribution for (n,n*19)



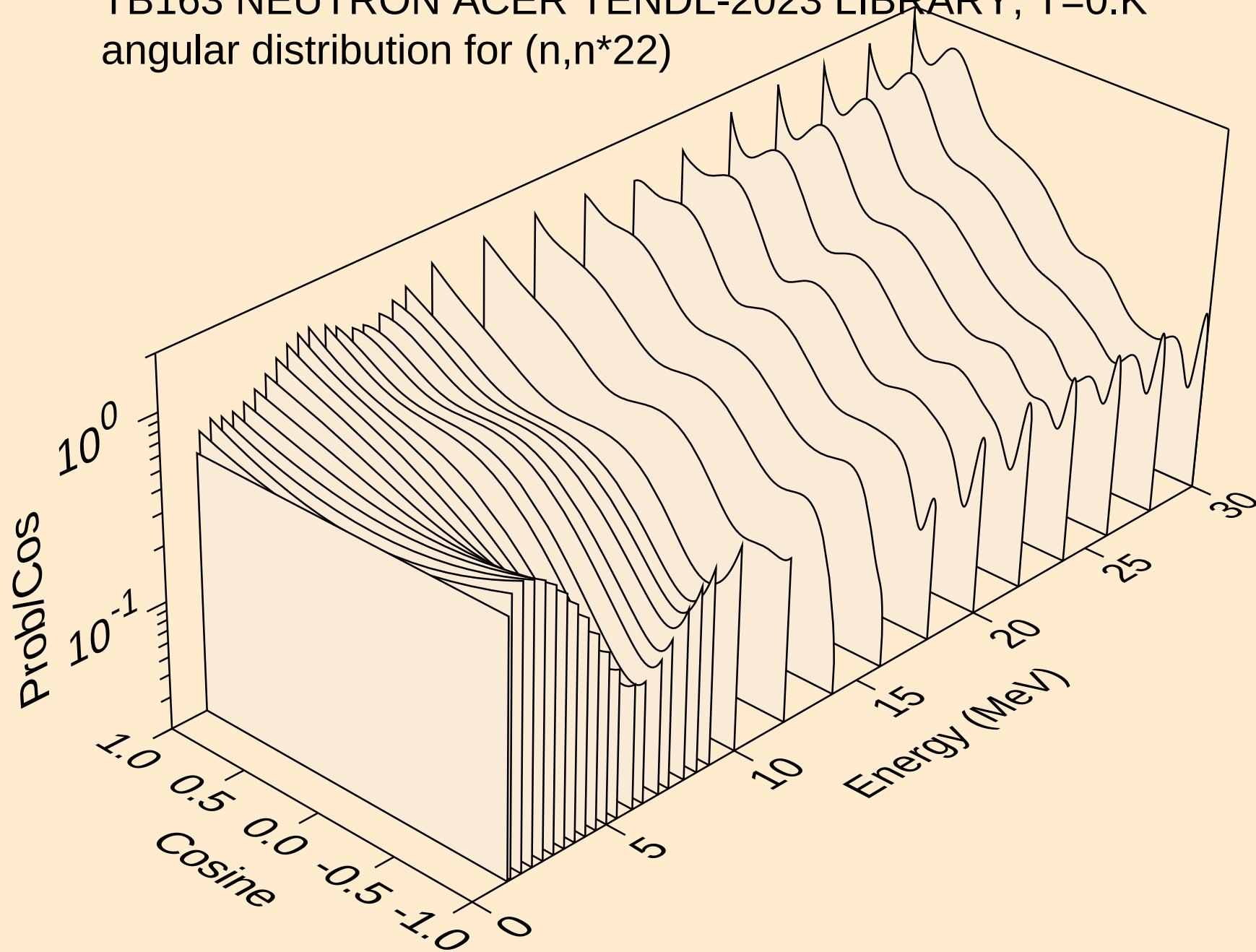
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*20)



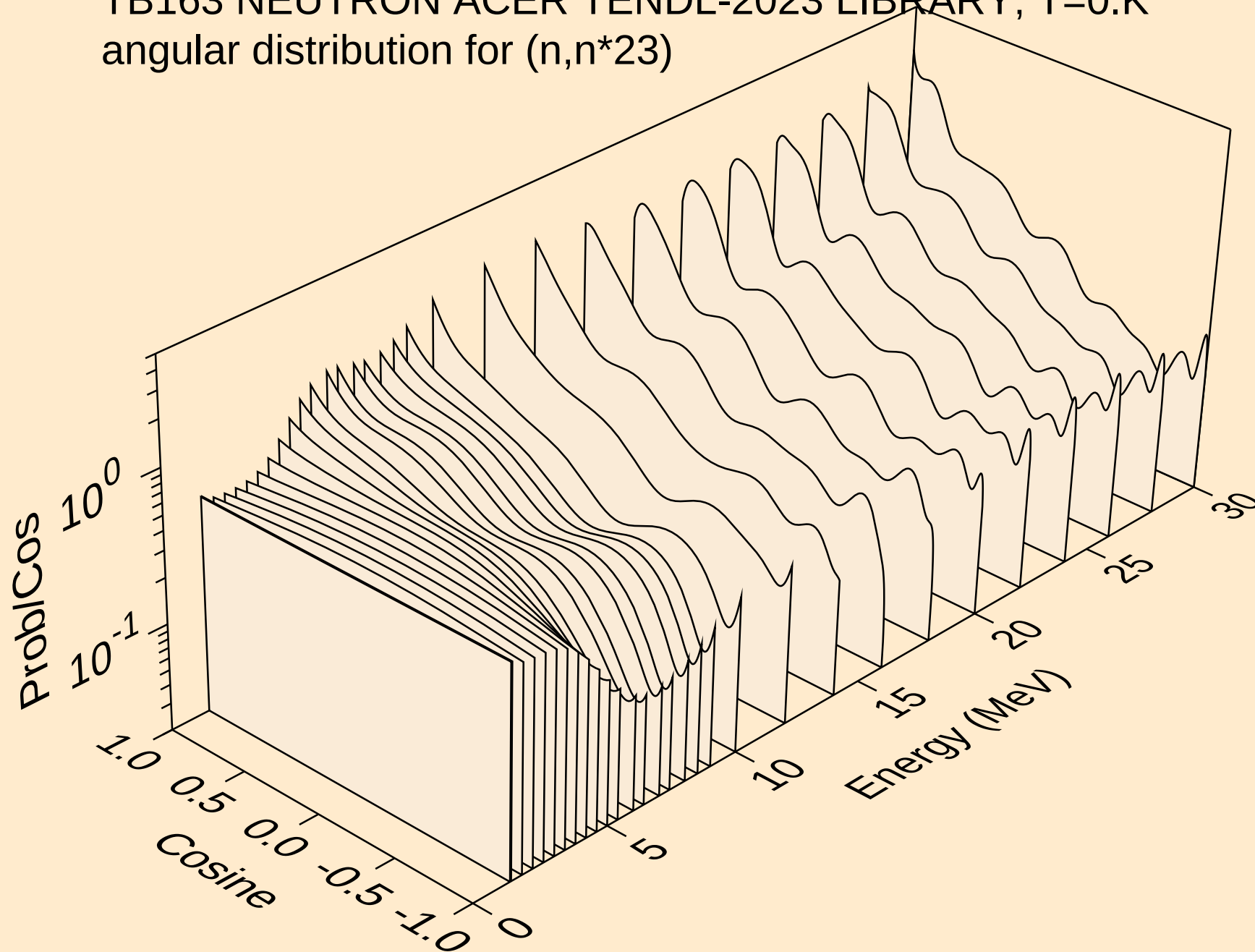
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angular distribution for (n,n*21)



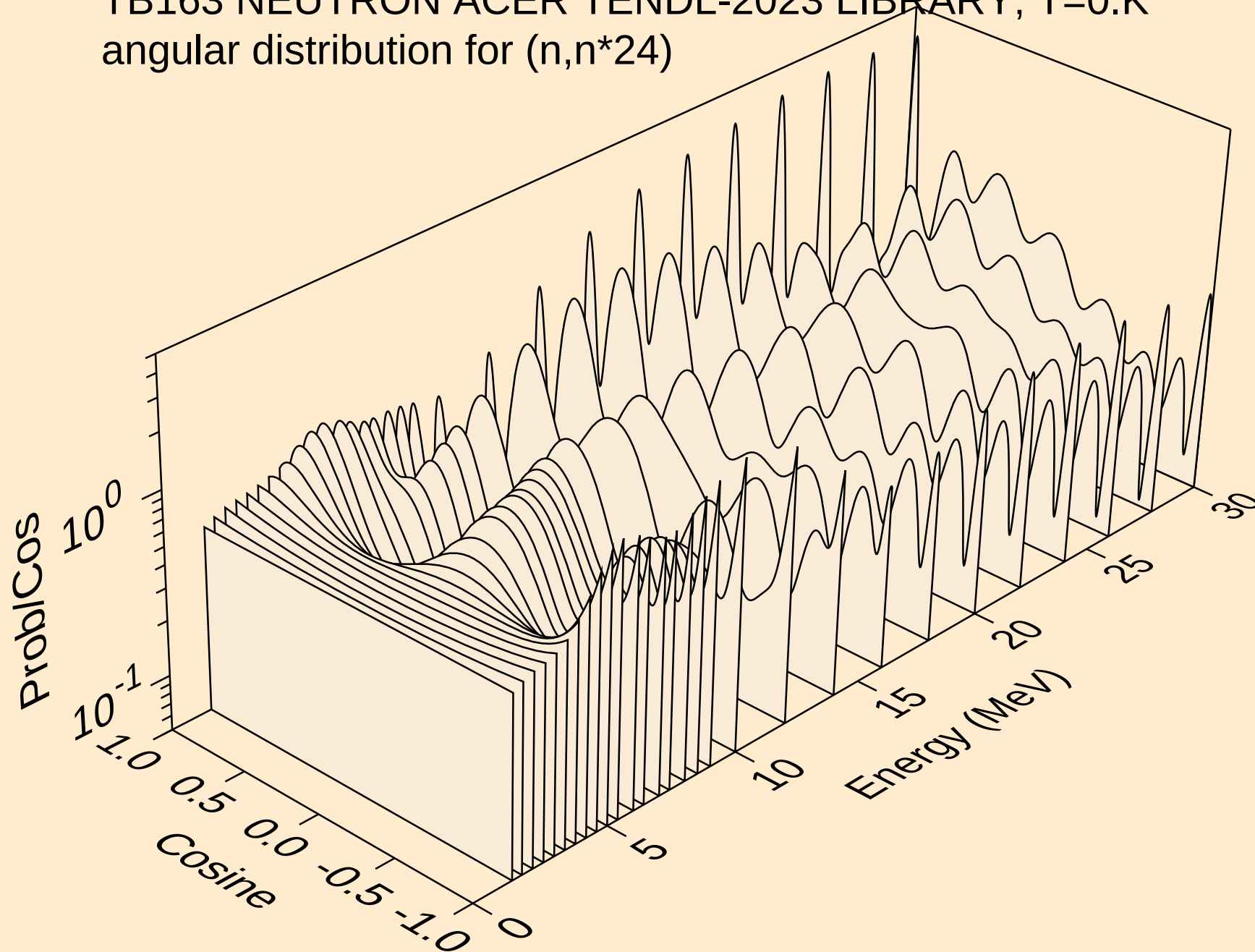
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angular distribution for (n,n*22)



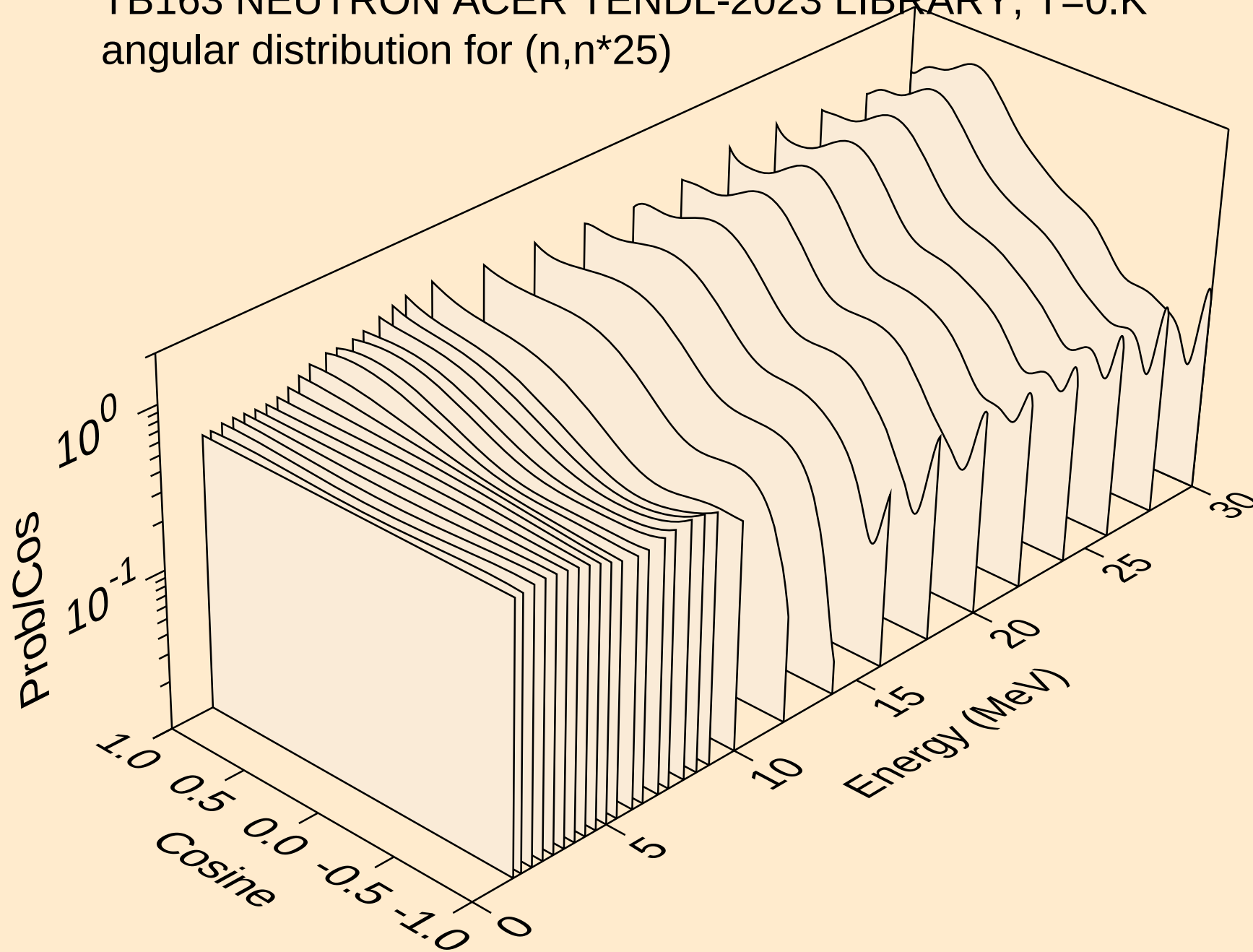
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angular distribution for (n,n*23)



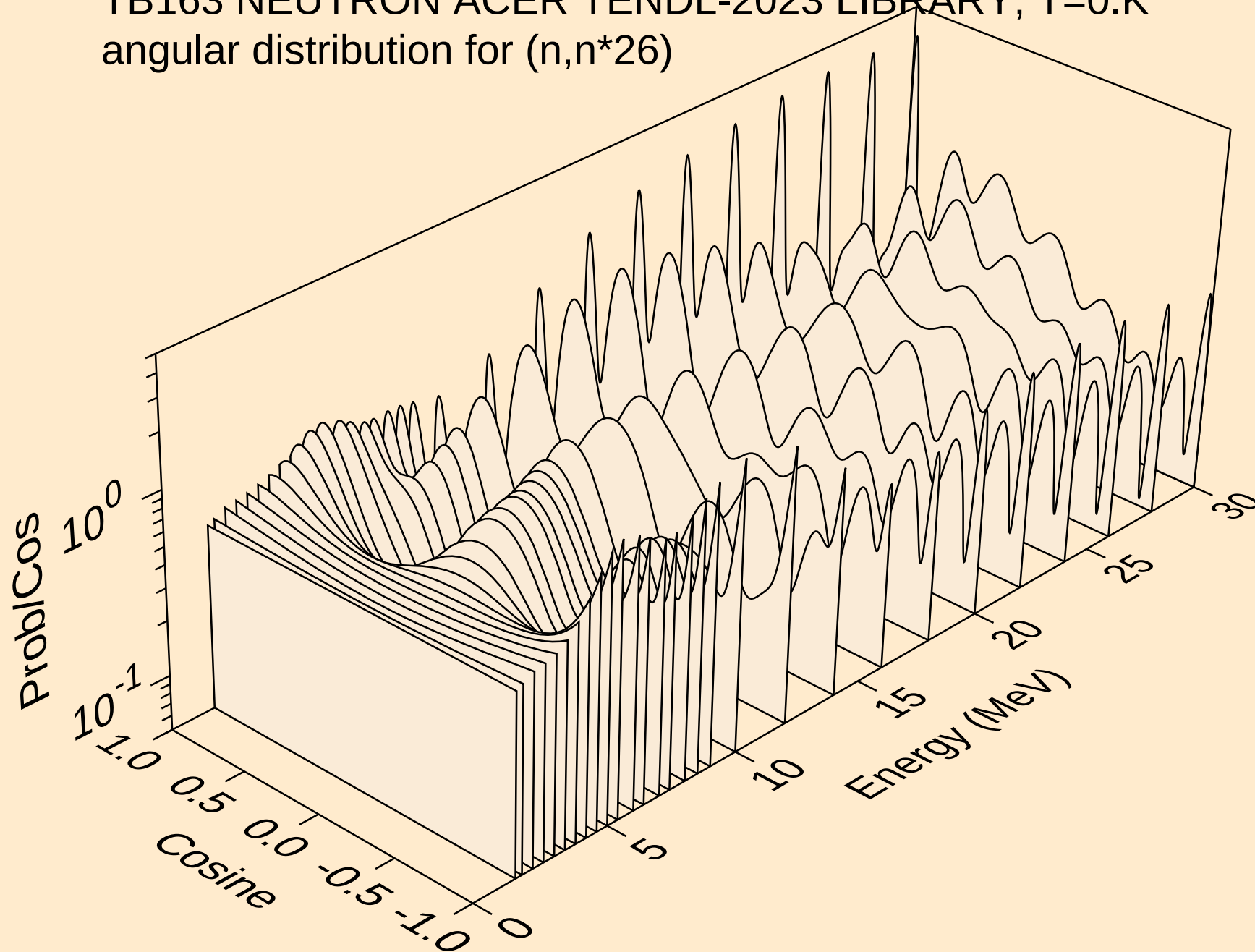
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angular distribution for (n,n*24)



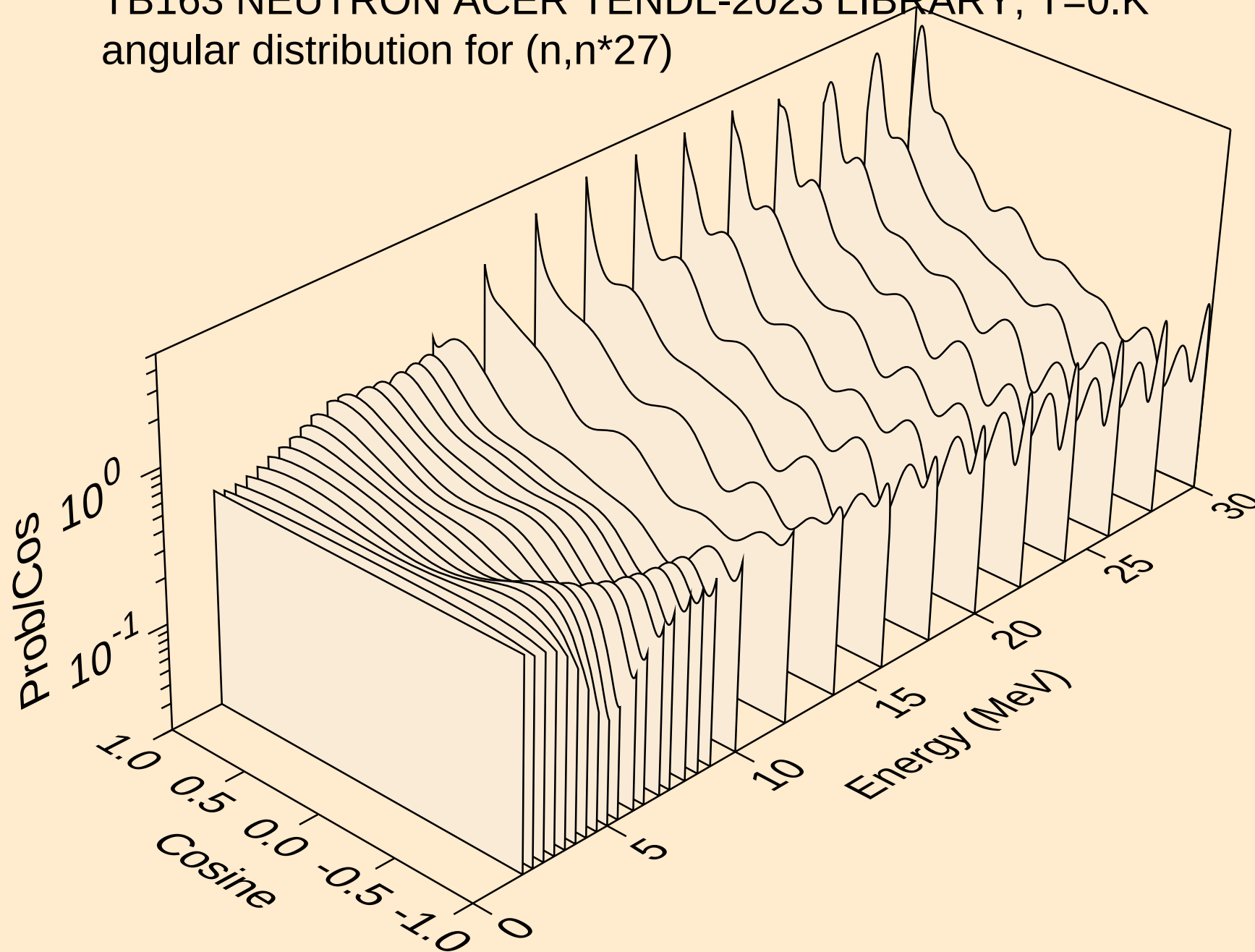
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*25)



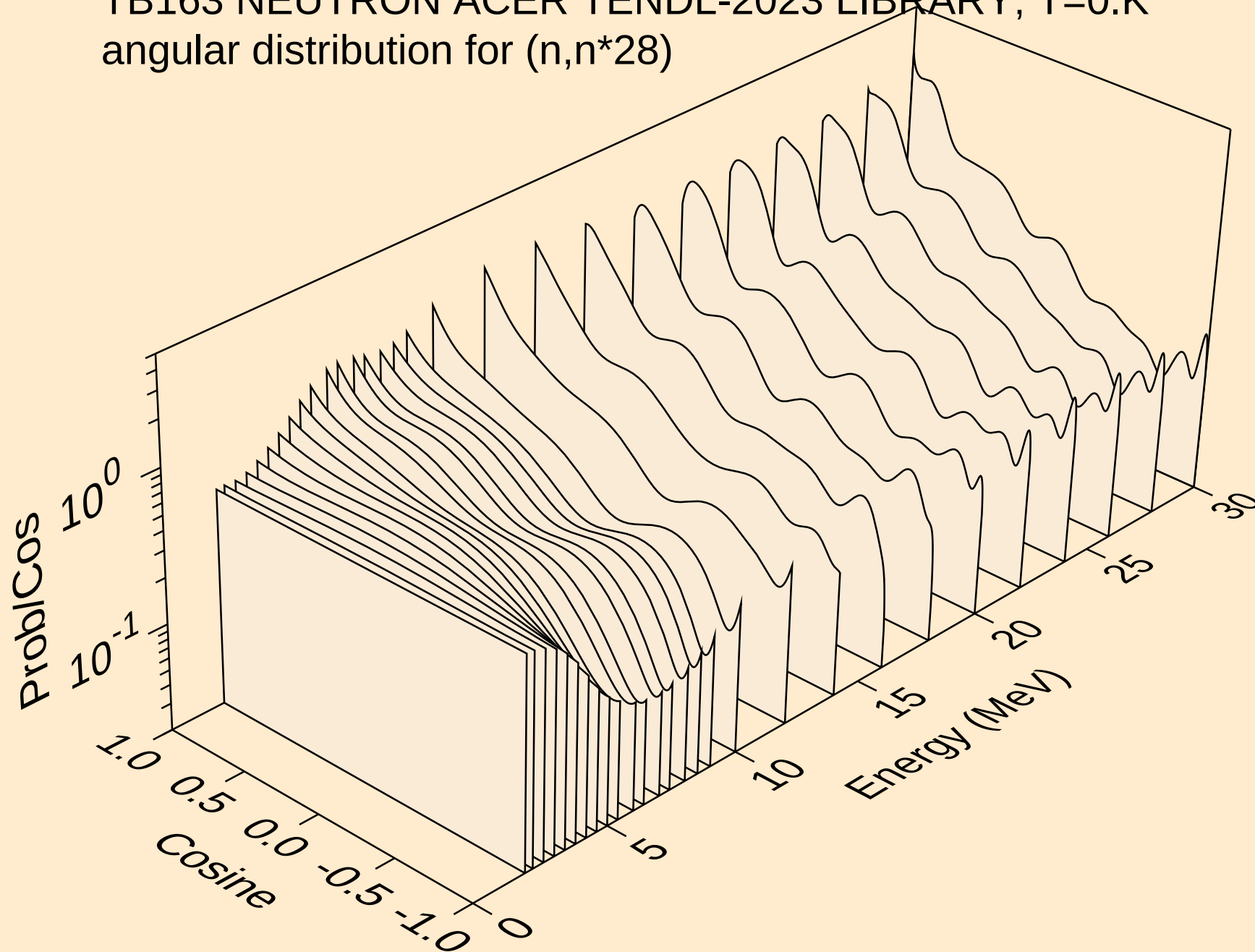
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angular distribution for (n,n*26)



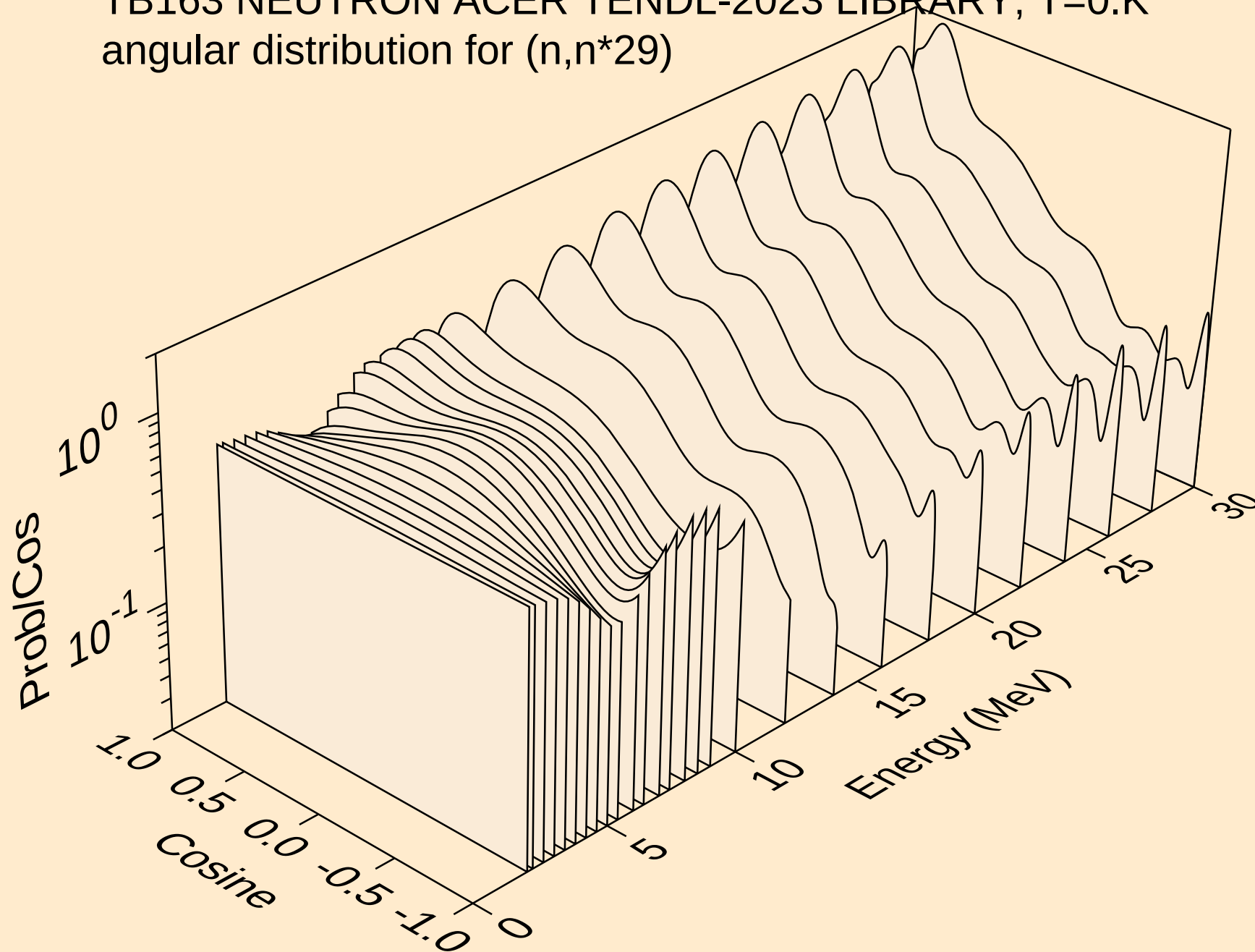
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*27)



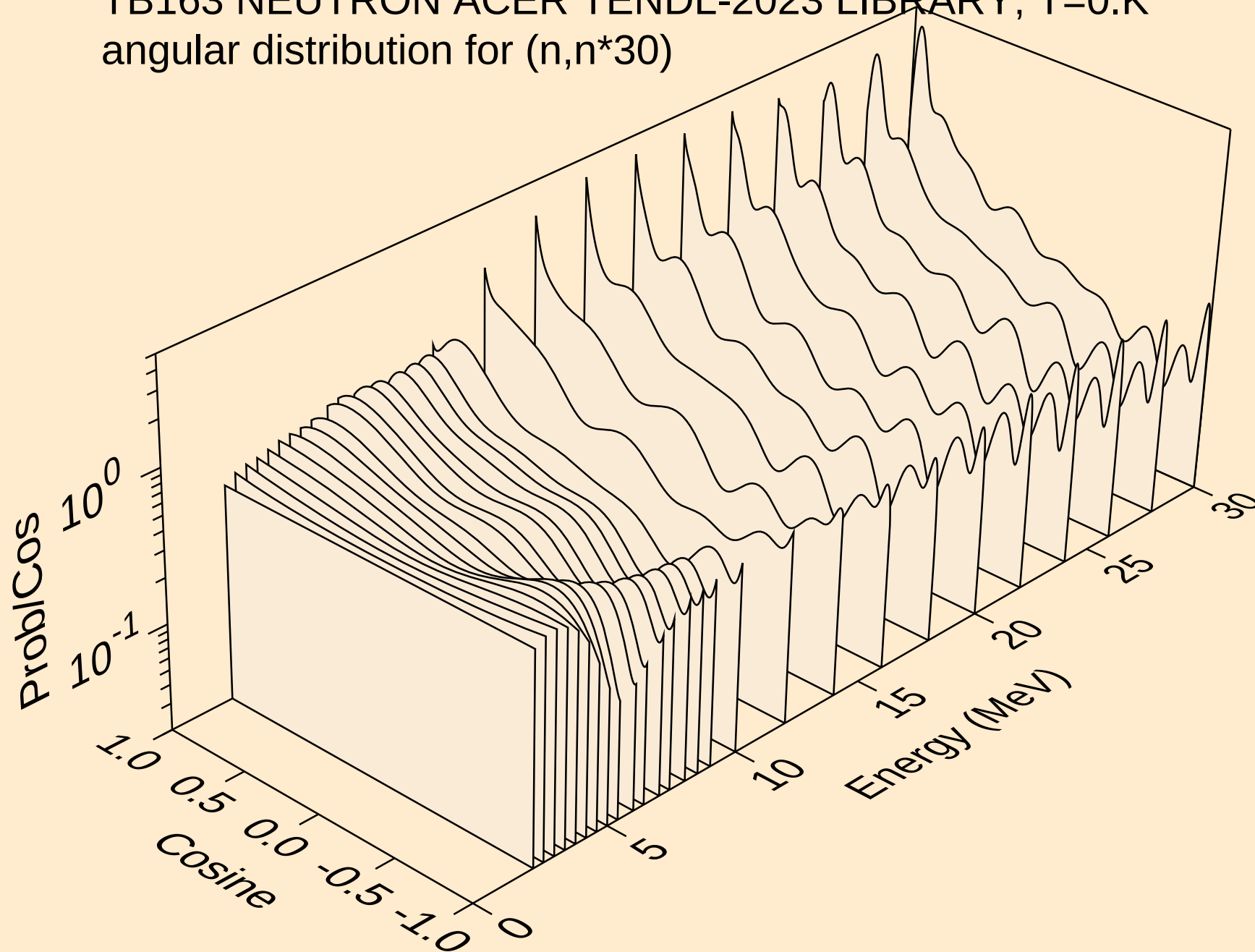
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*28)



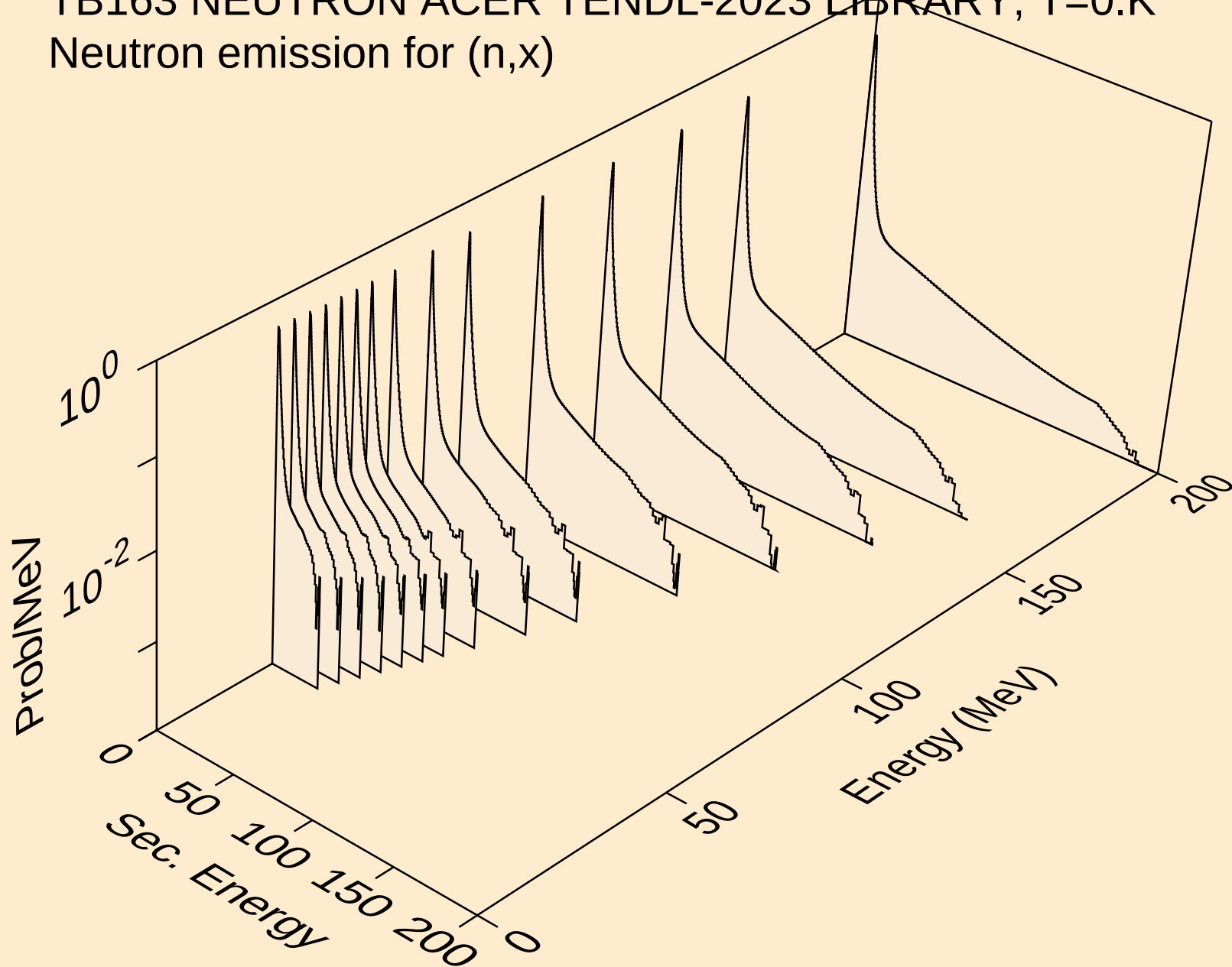
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*29)



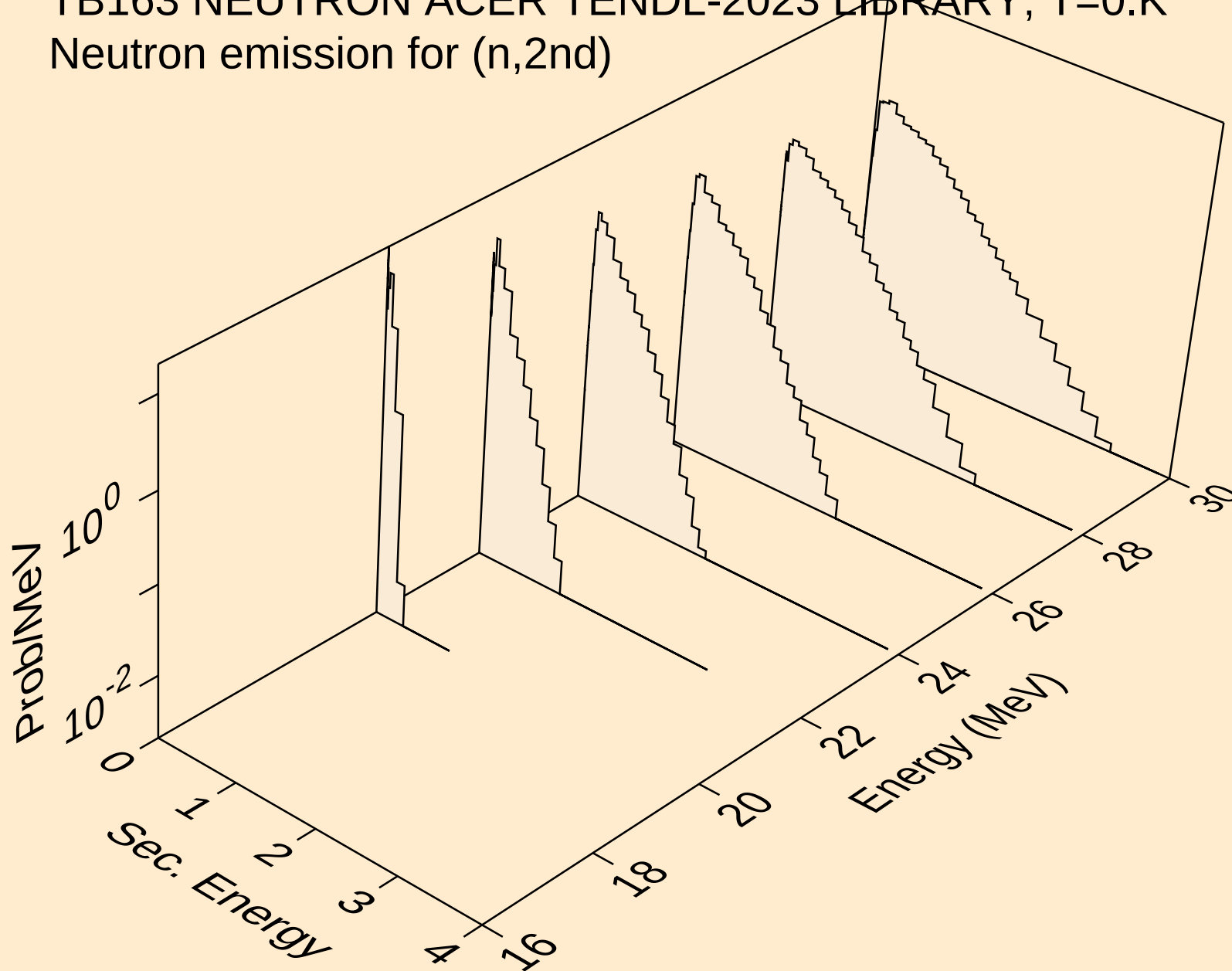
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*30)



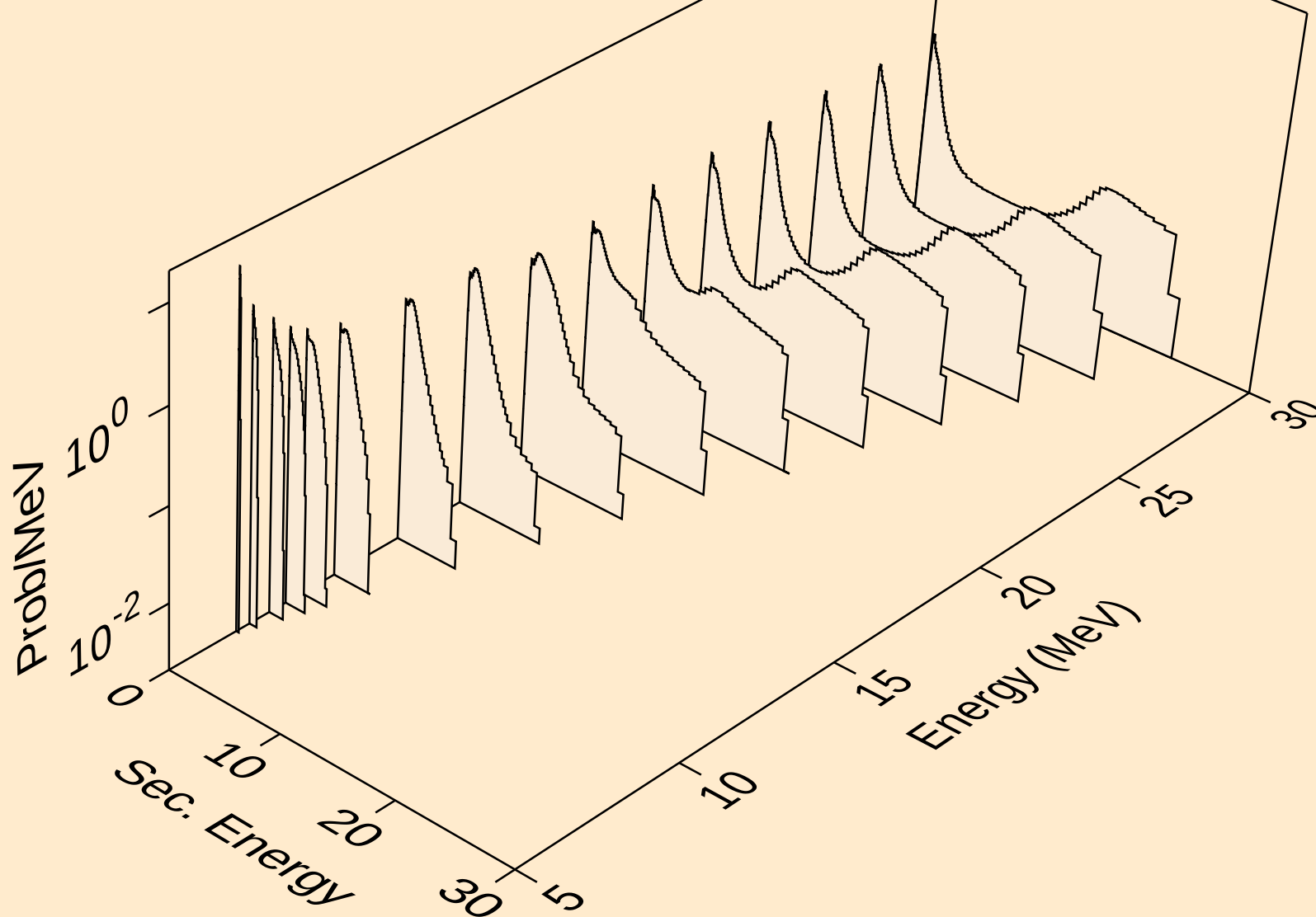
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



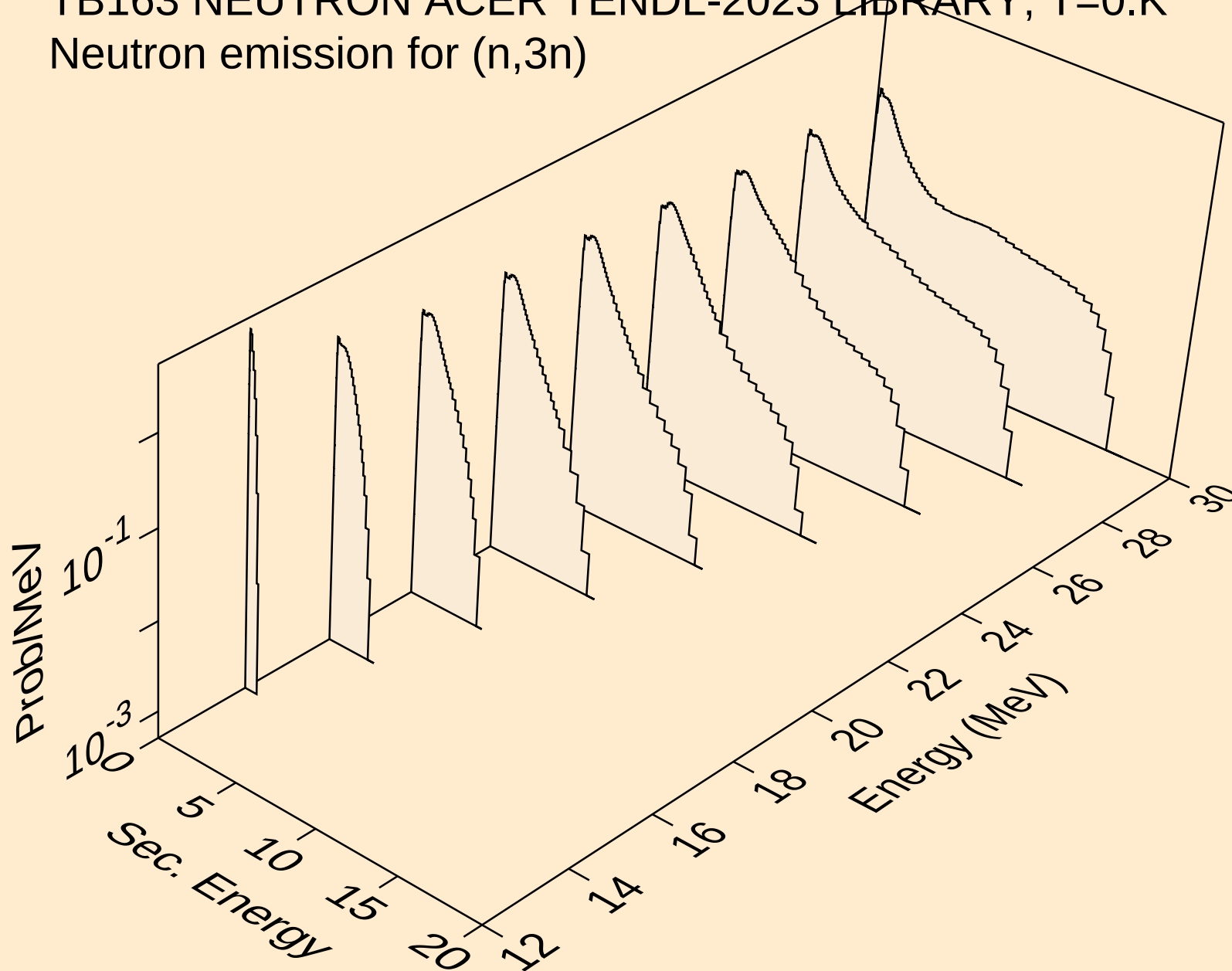
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



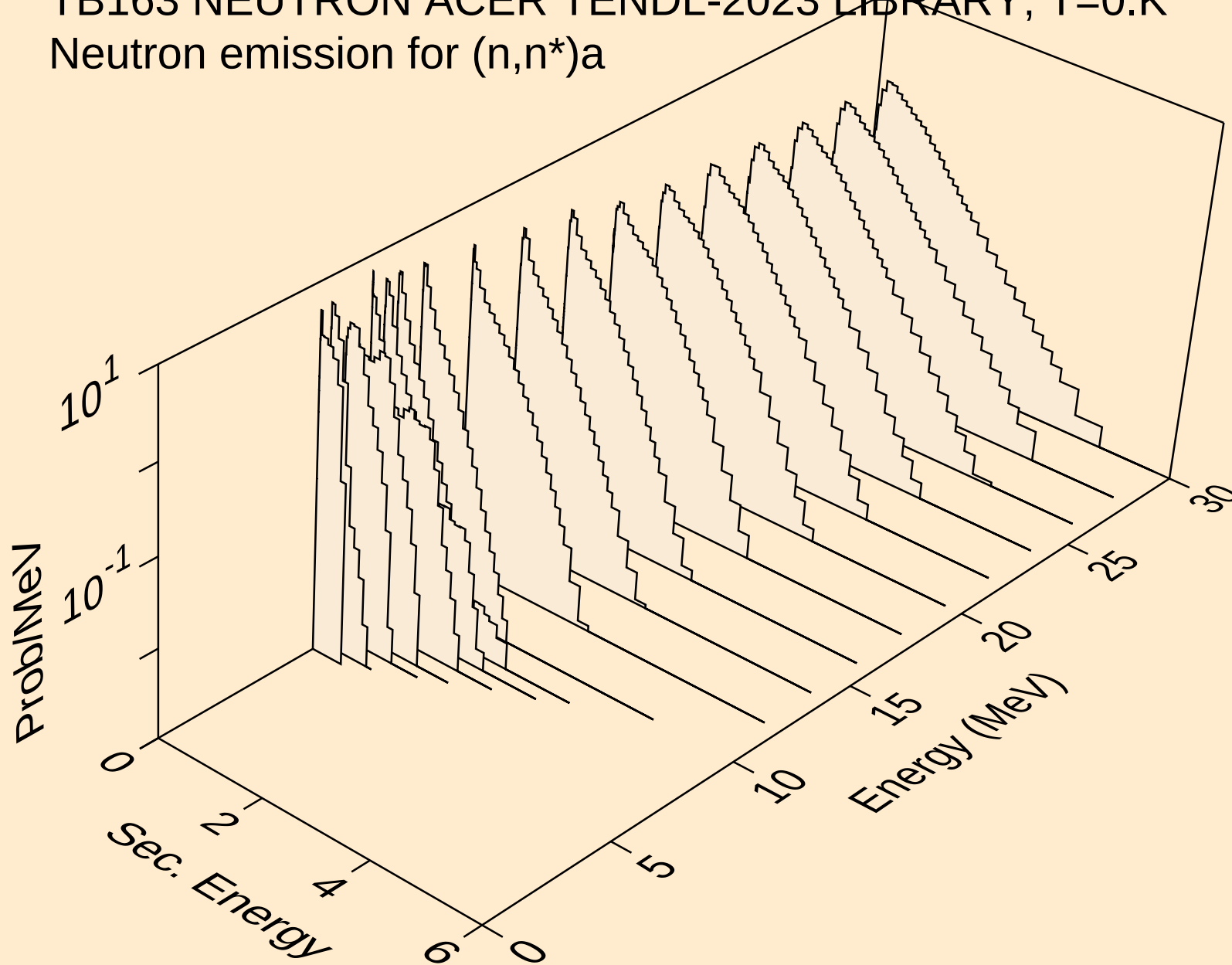
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



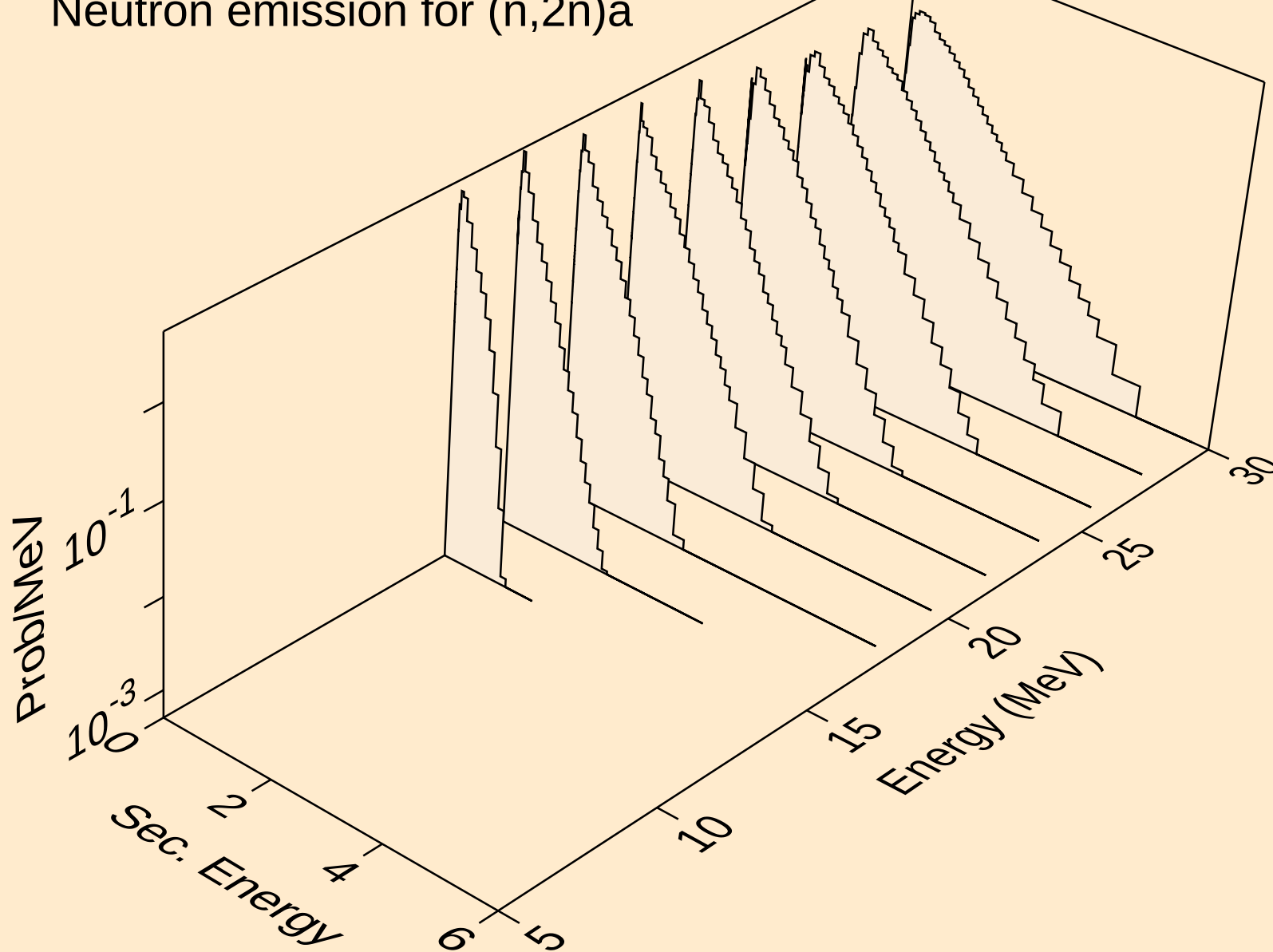
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



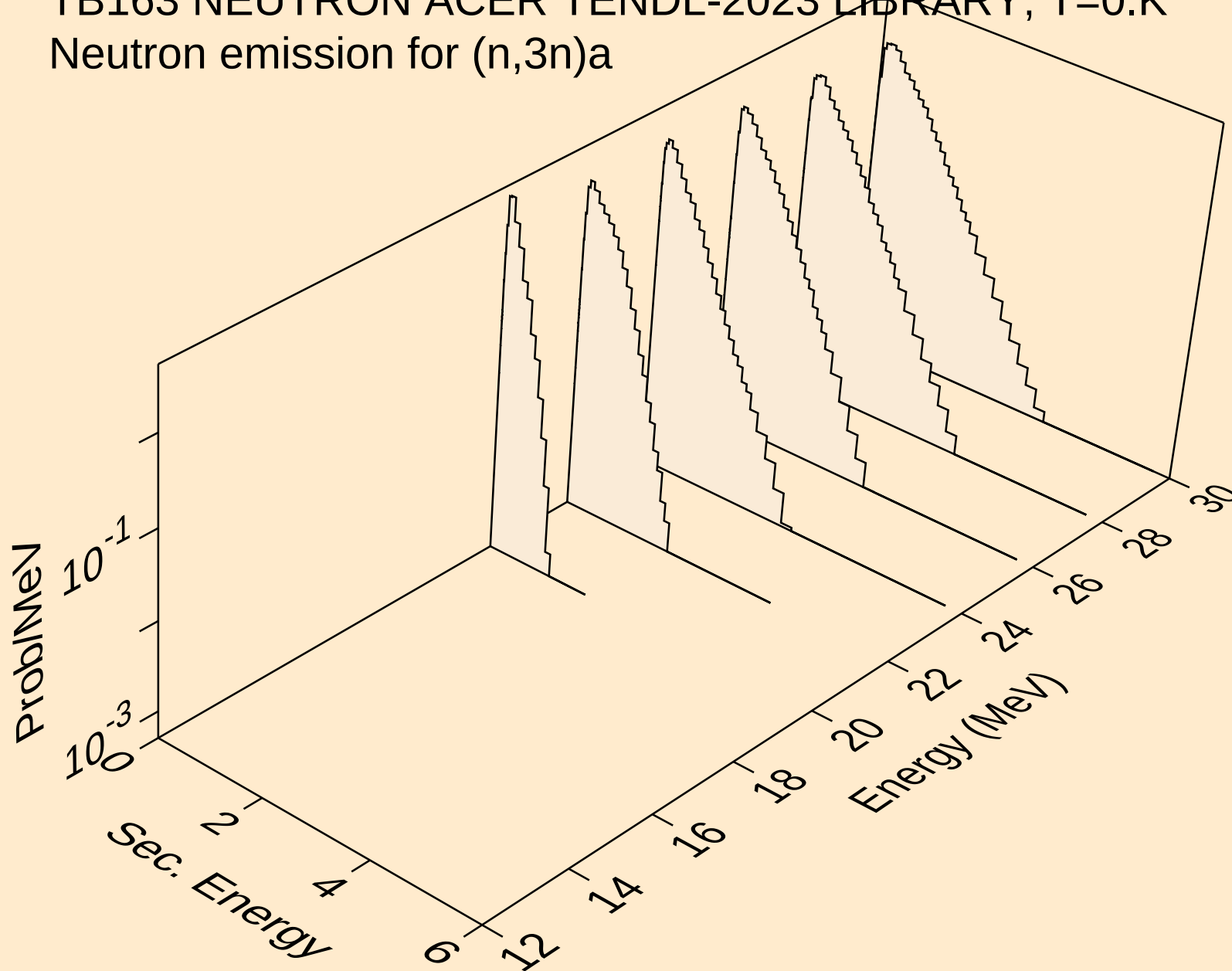
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



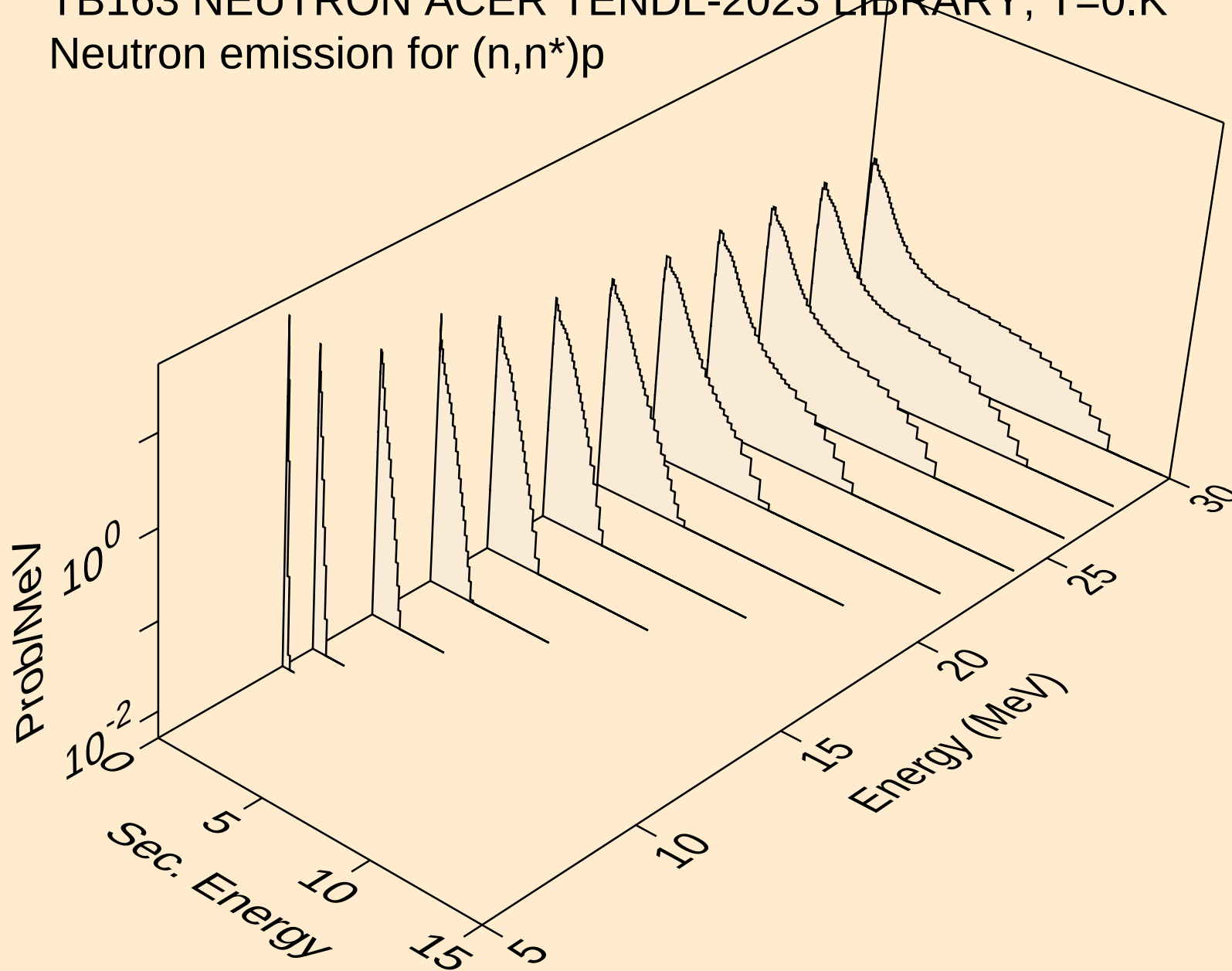
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



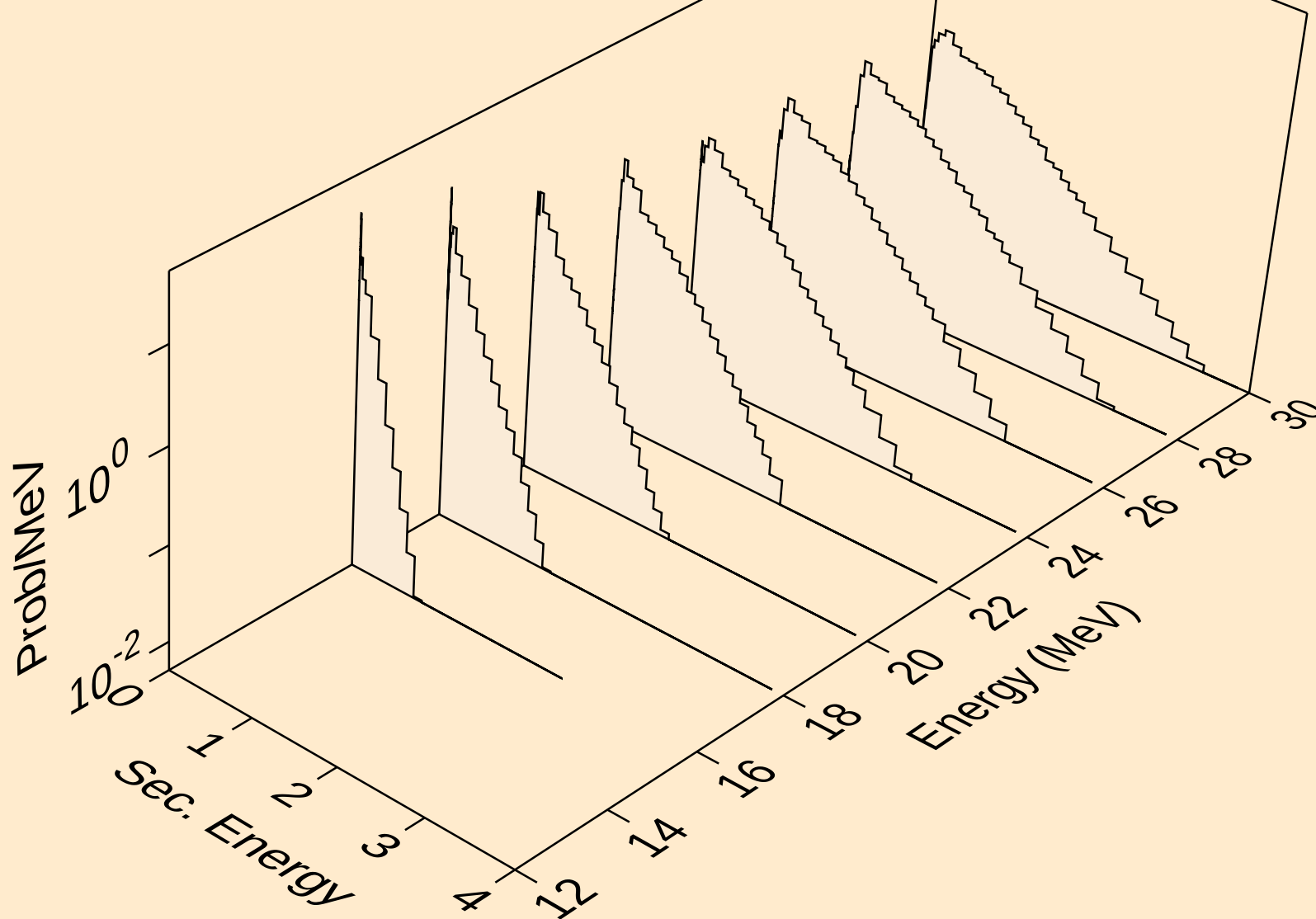
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



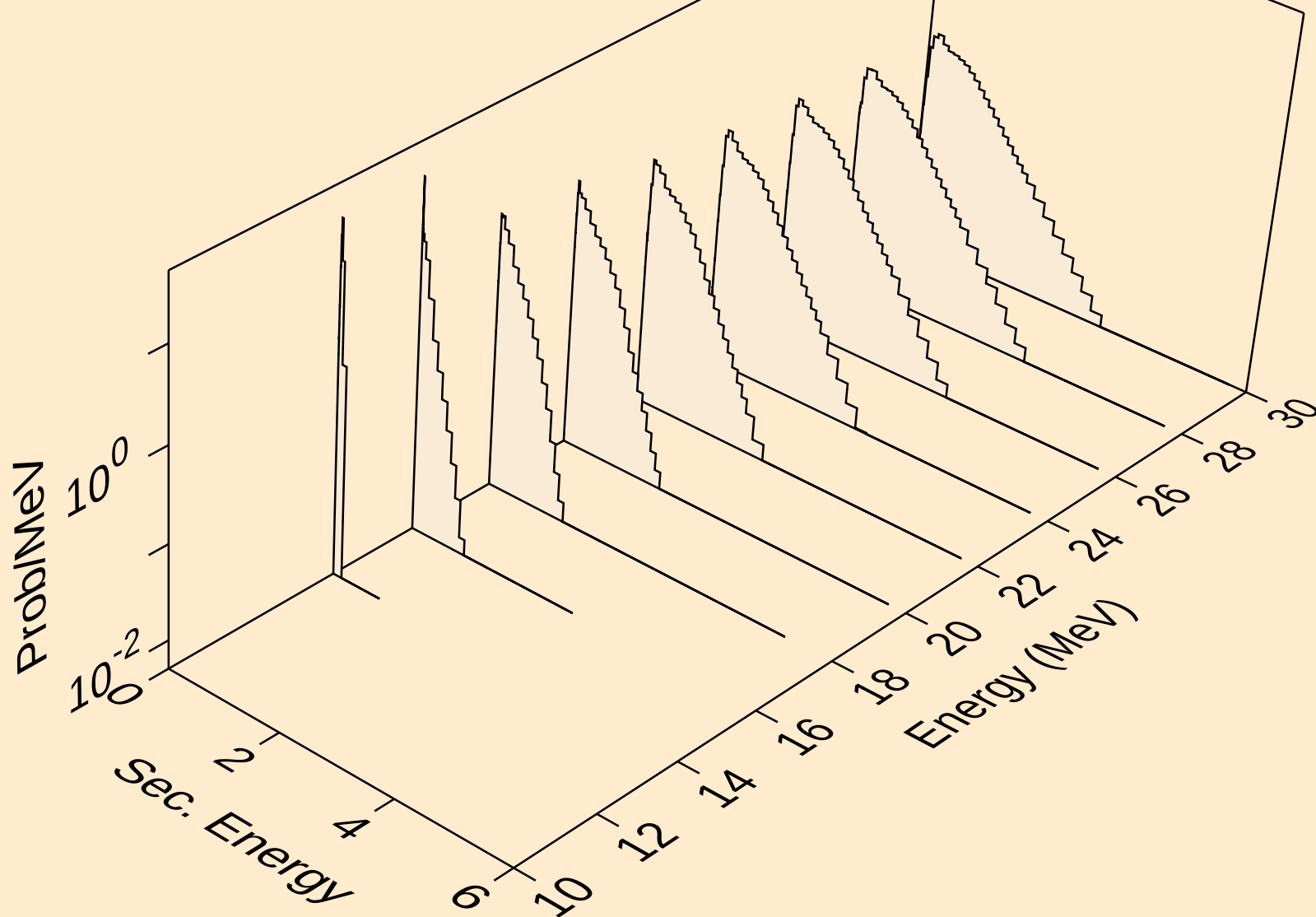
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



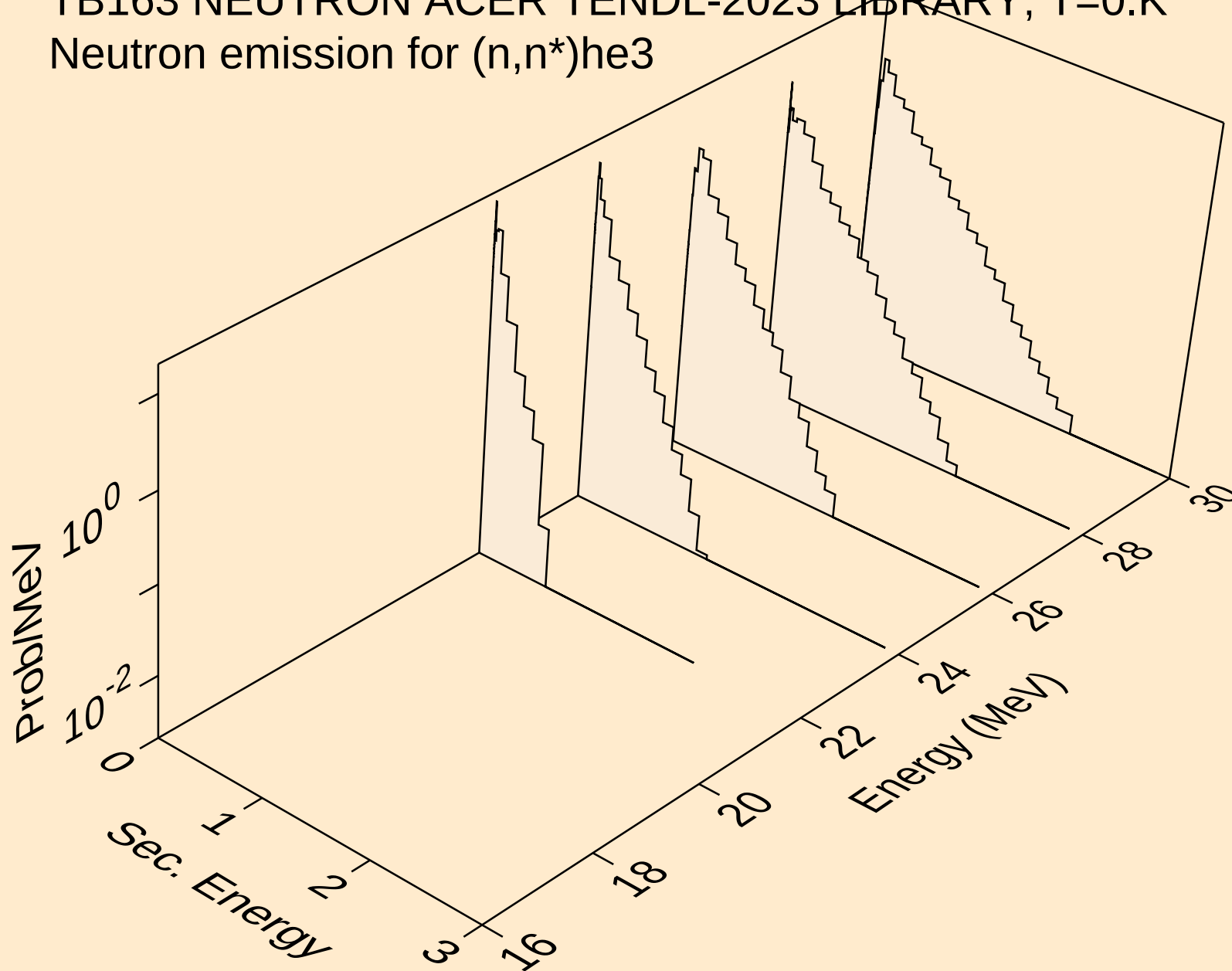
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



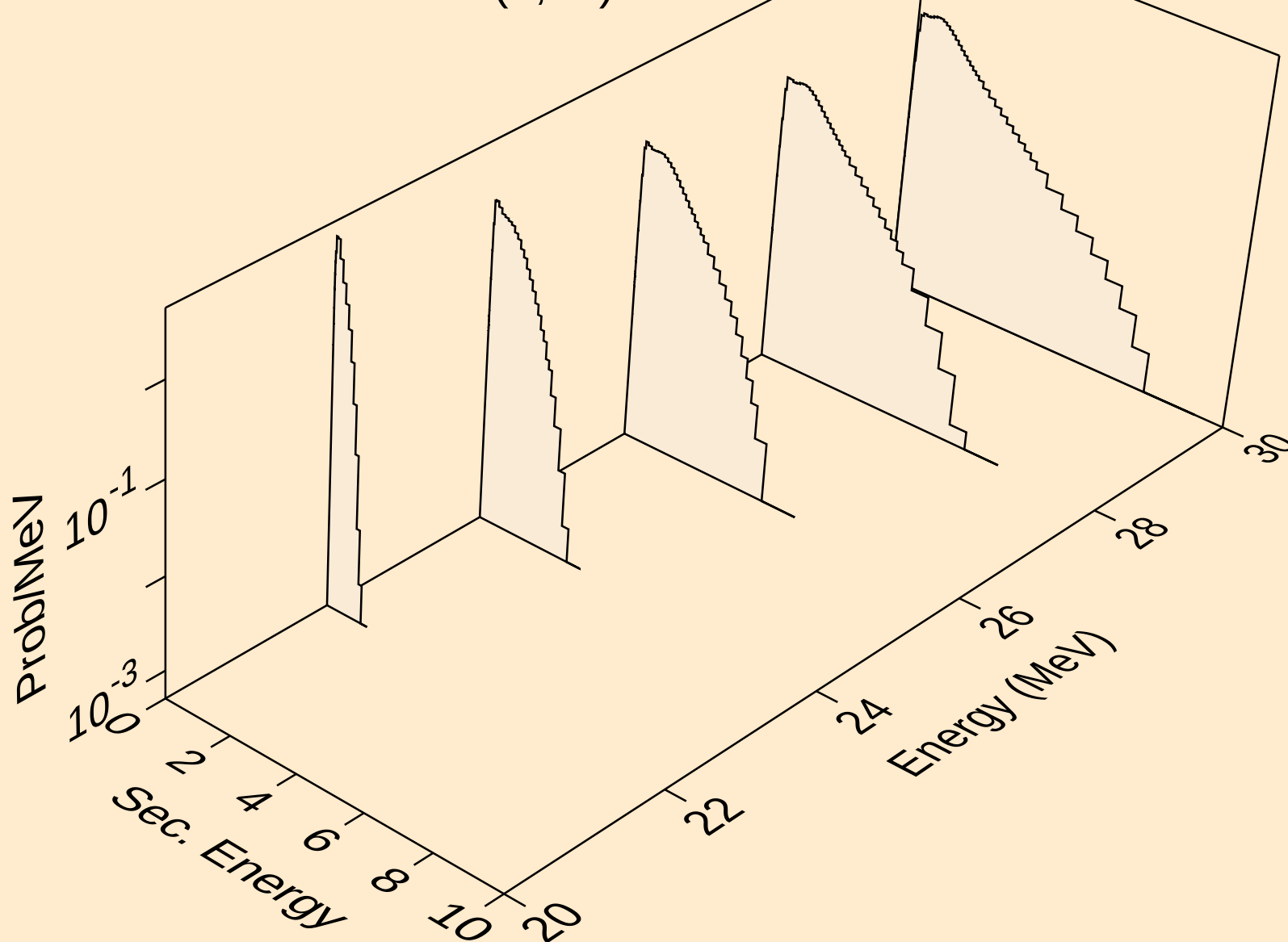
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



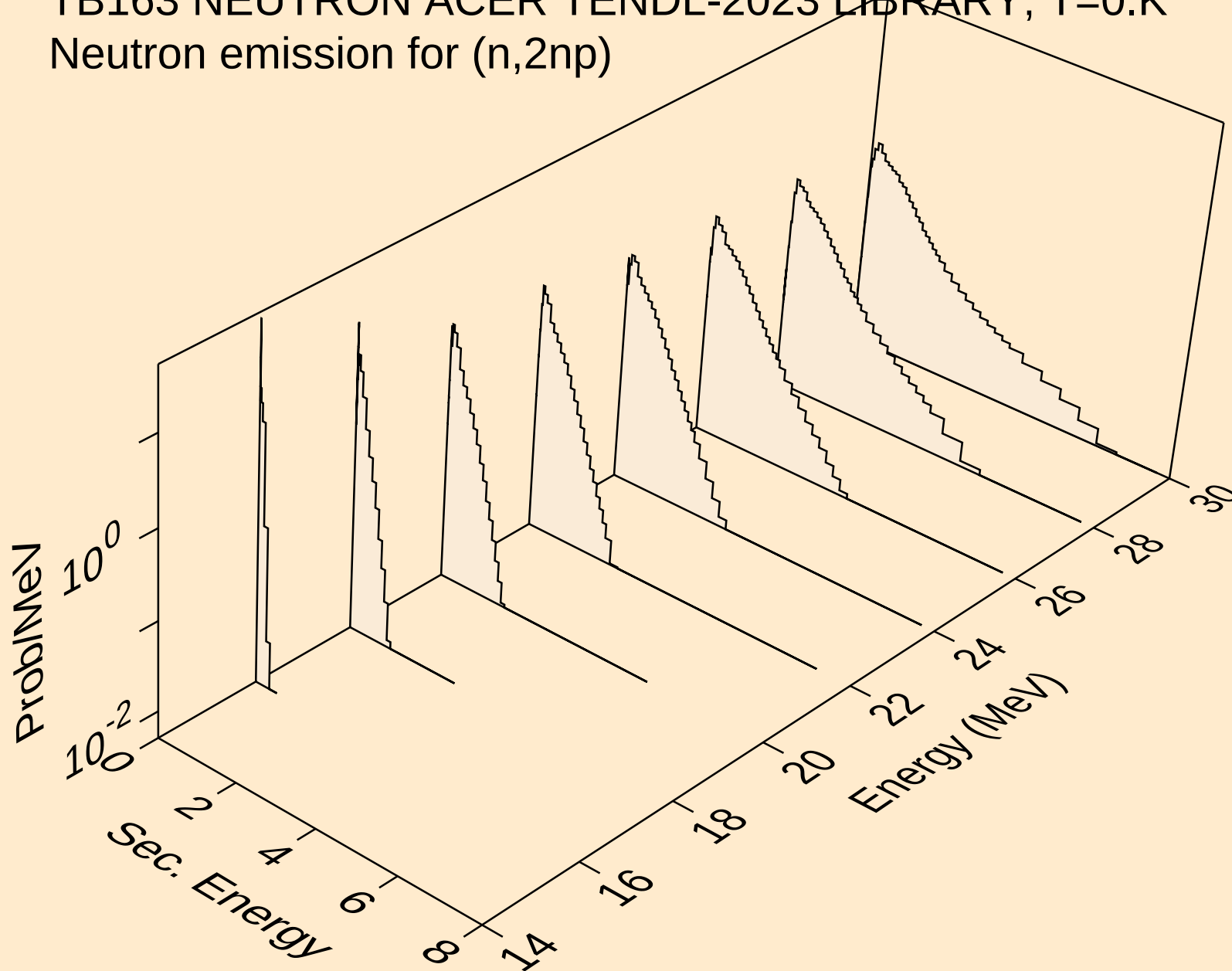
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



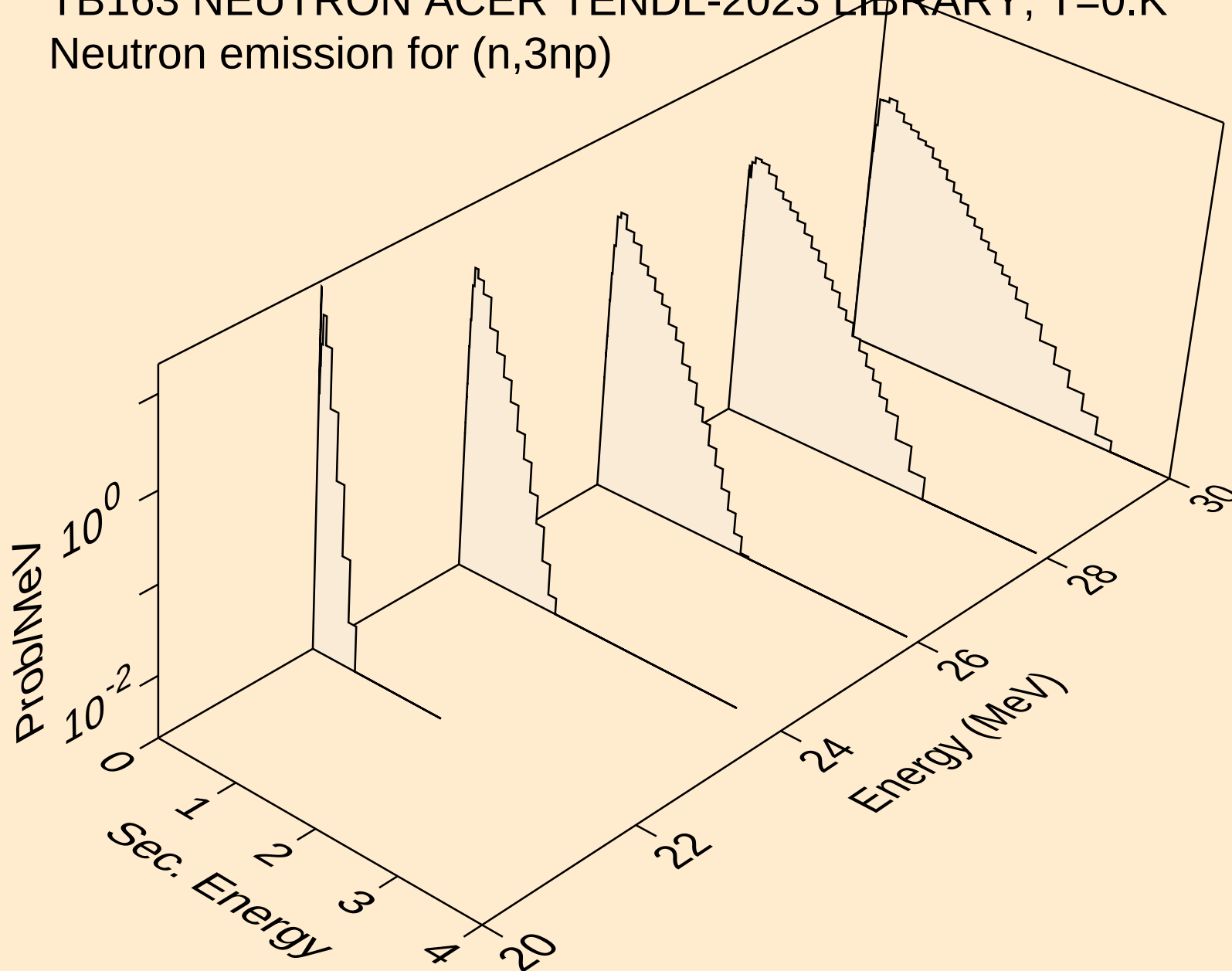
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



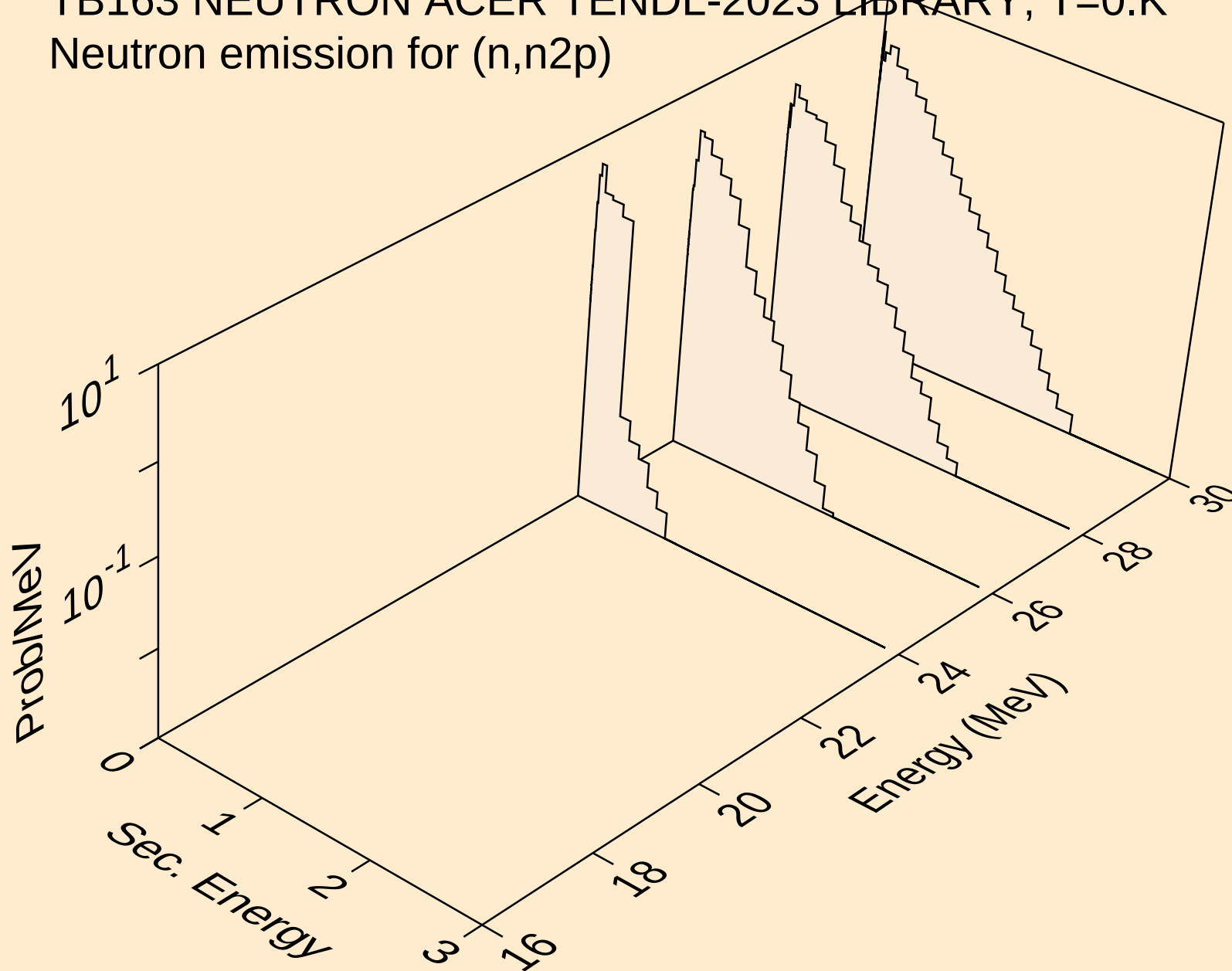
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



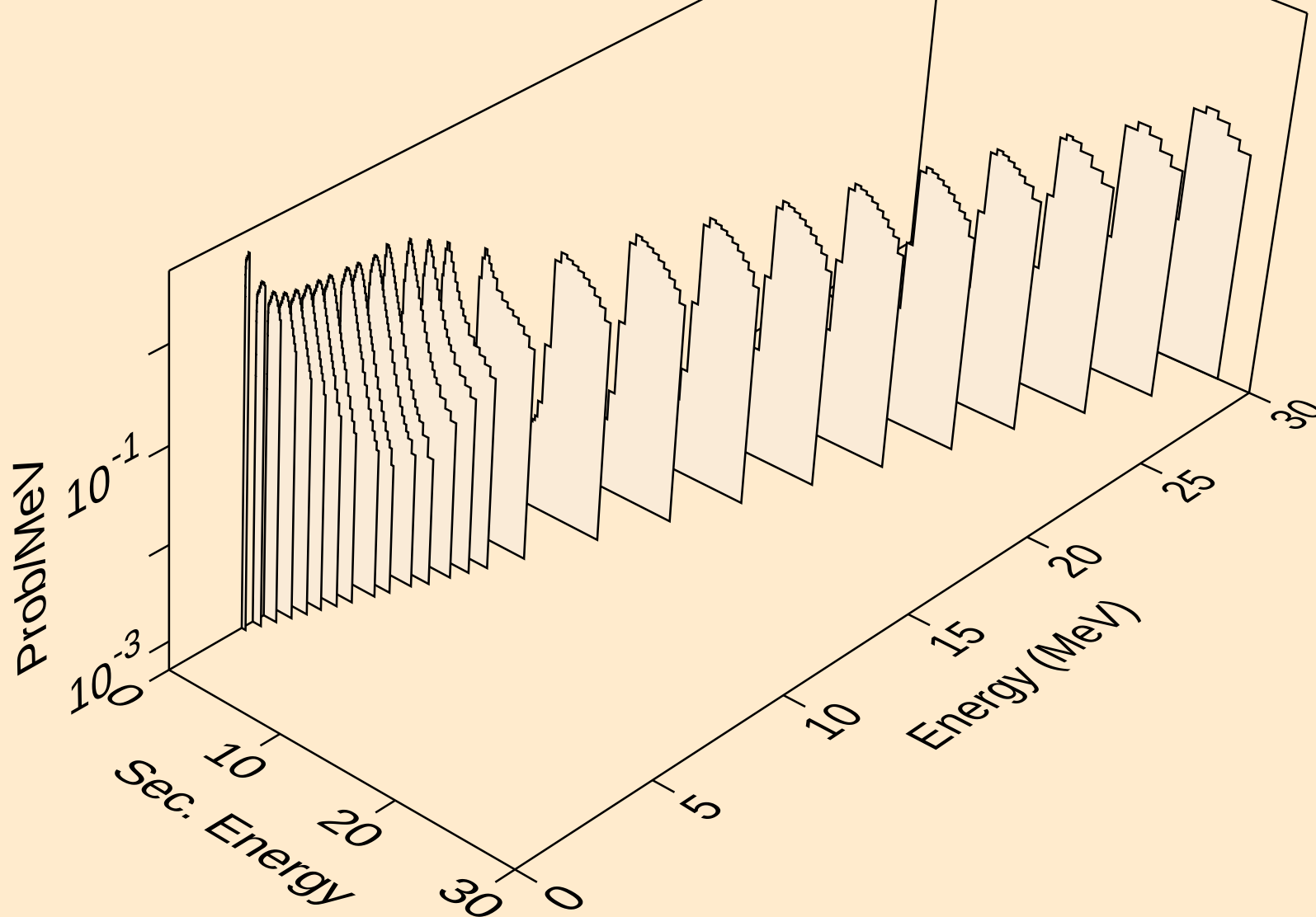
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



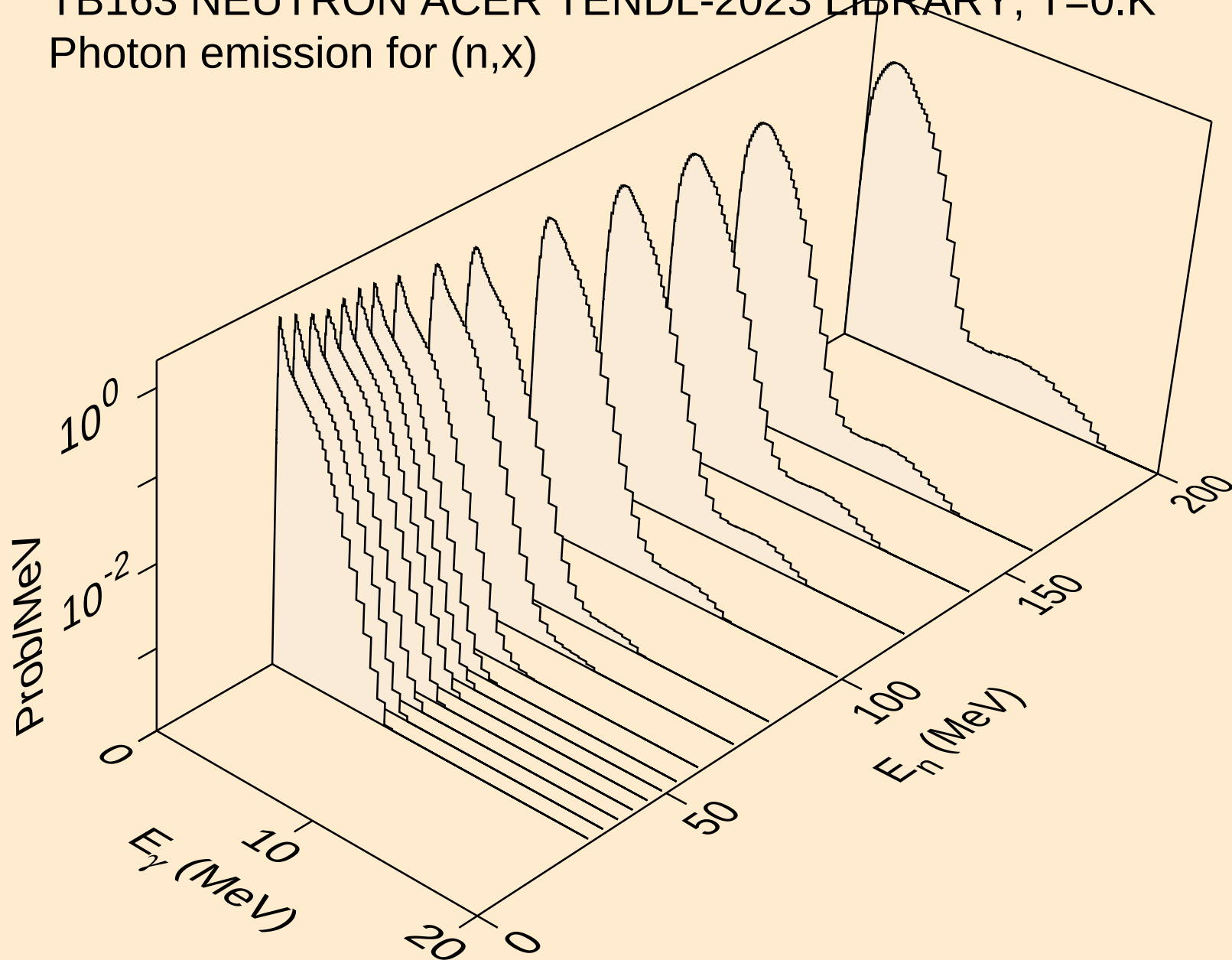
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



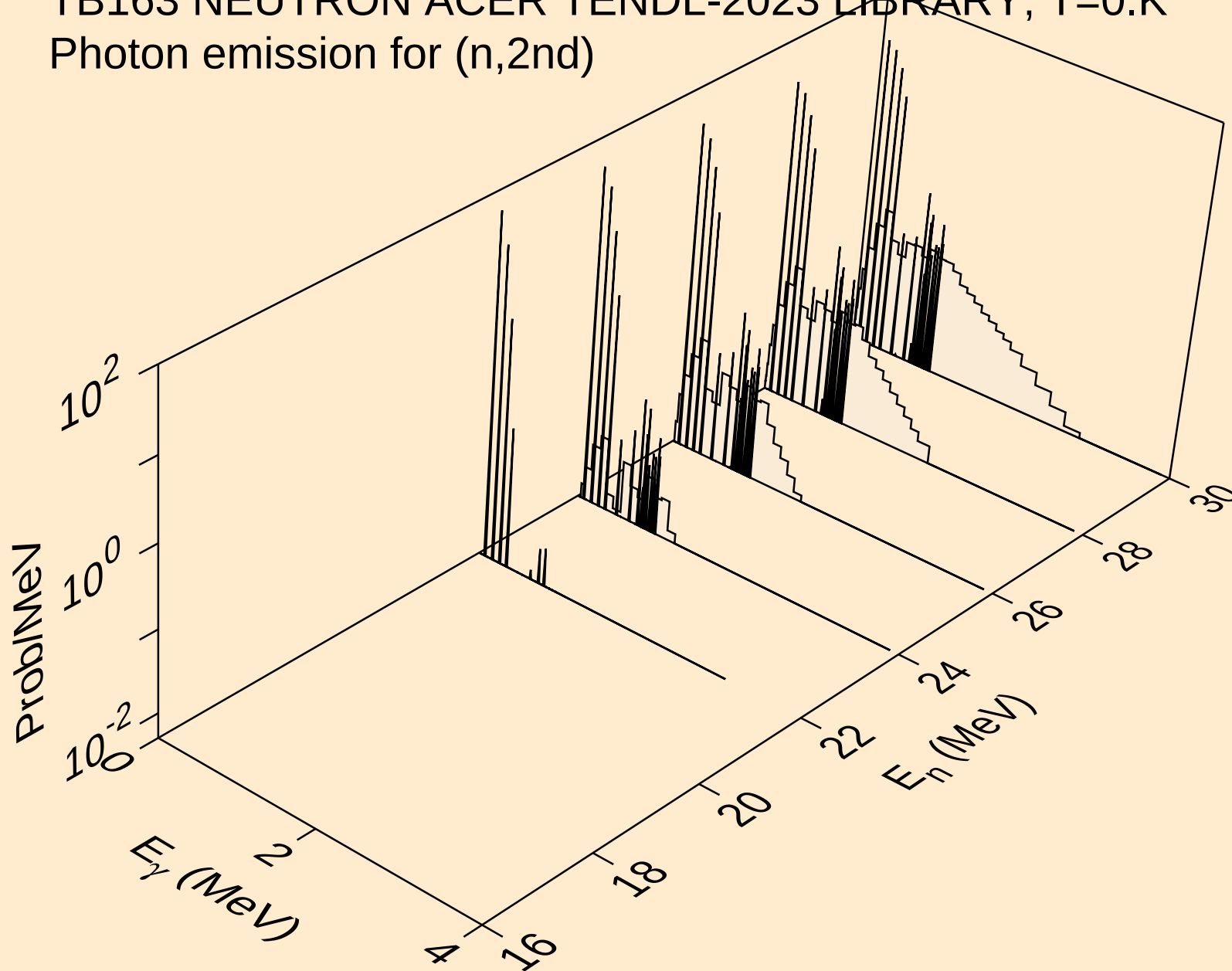
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



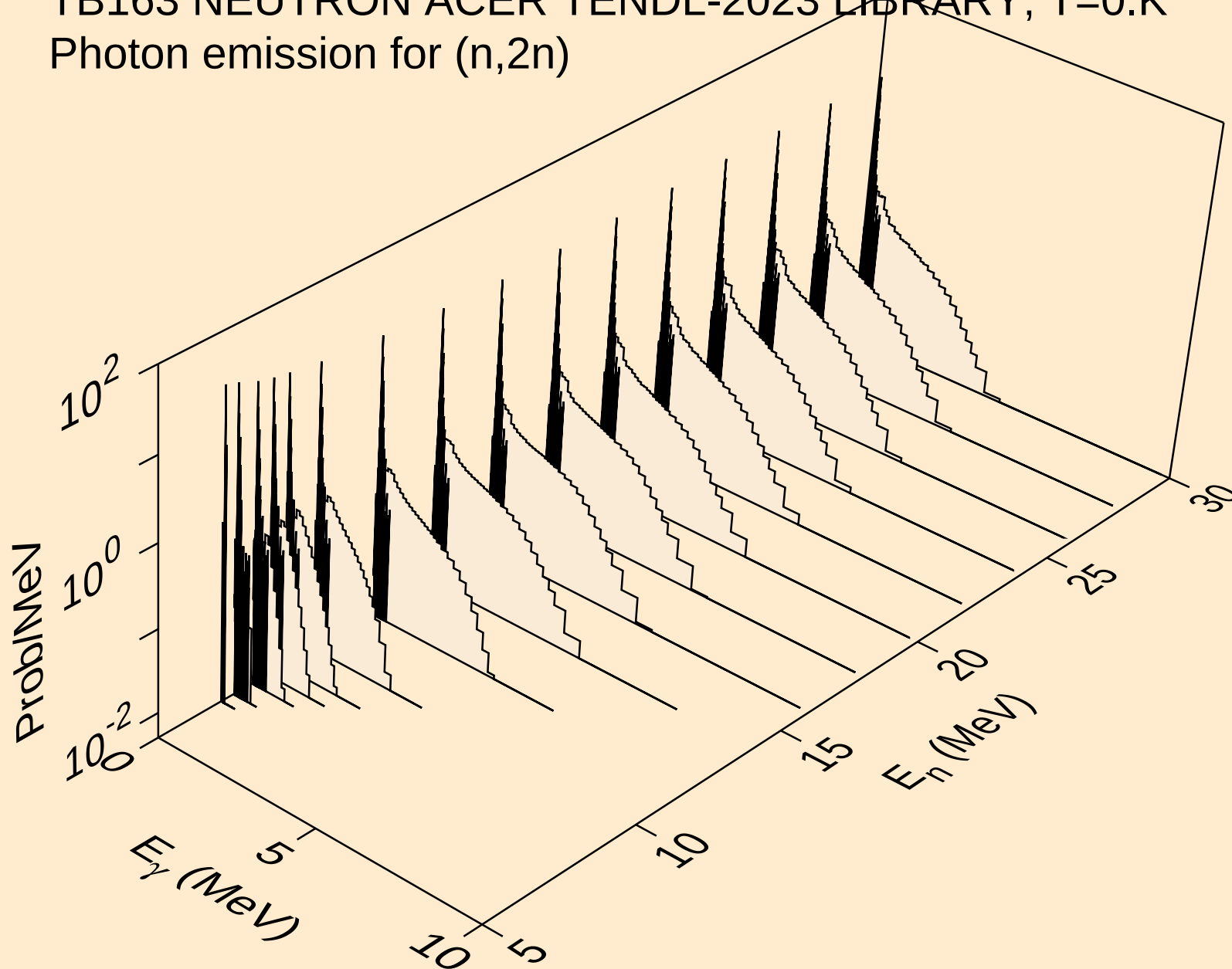
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



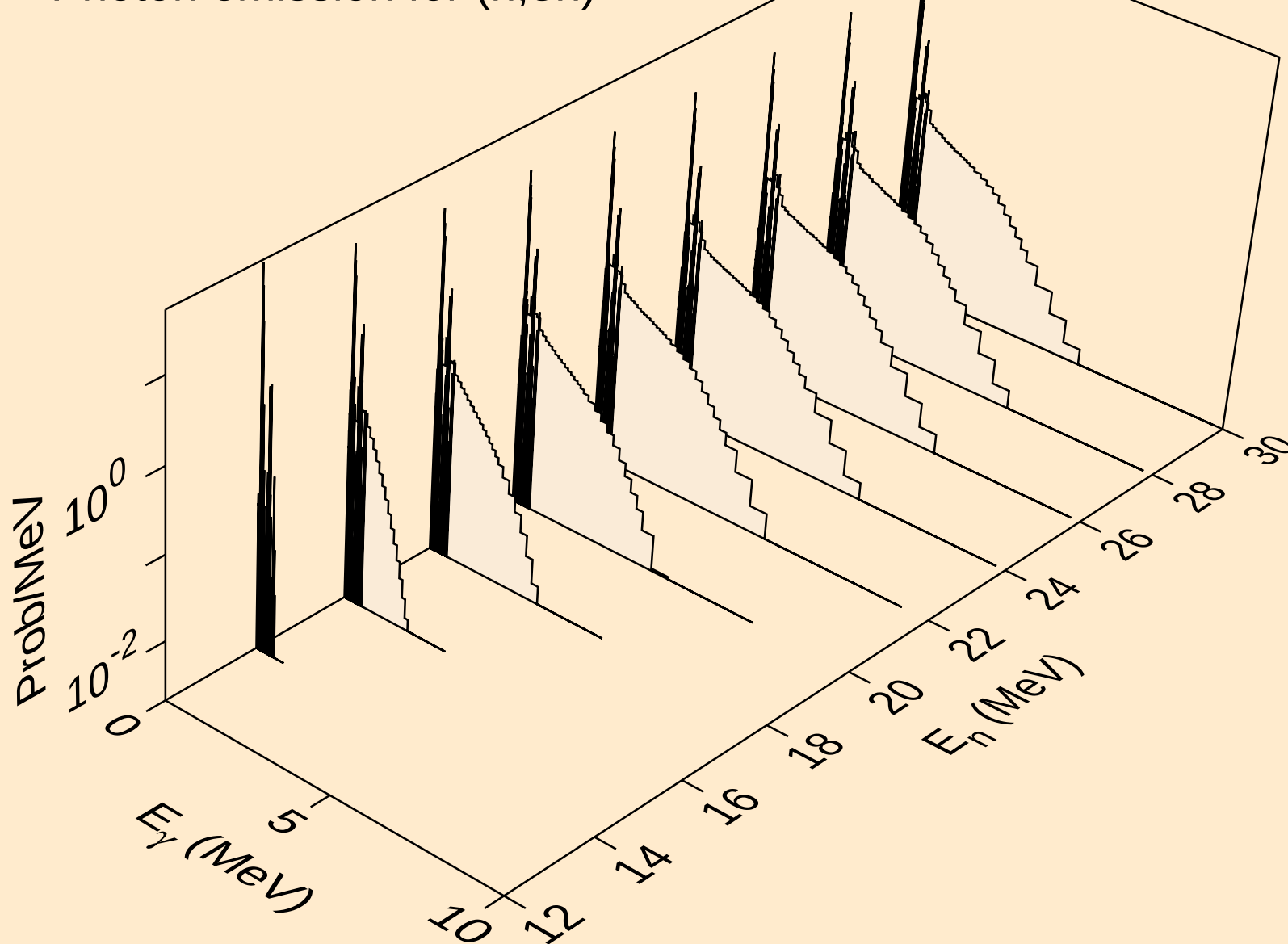
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



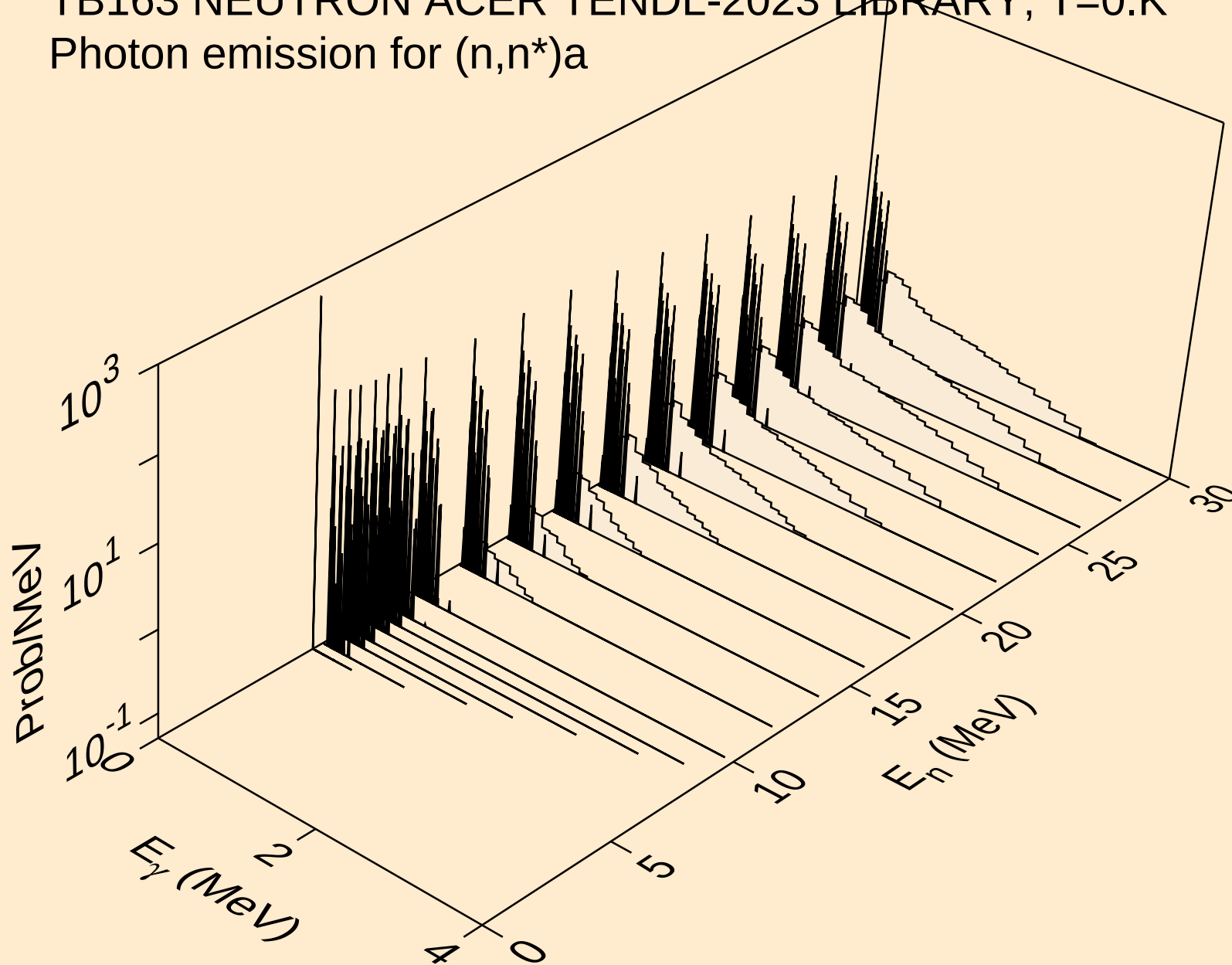
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



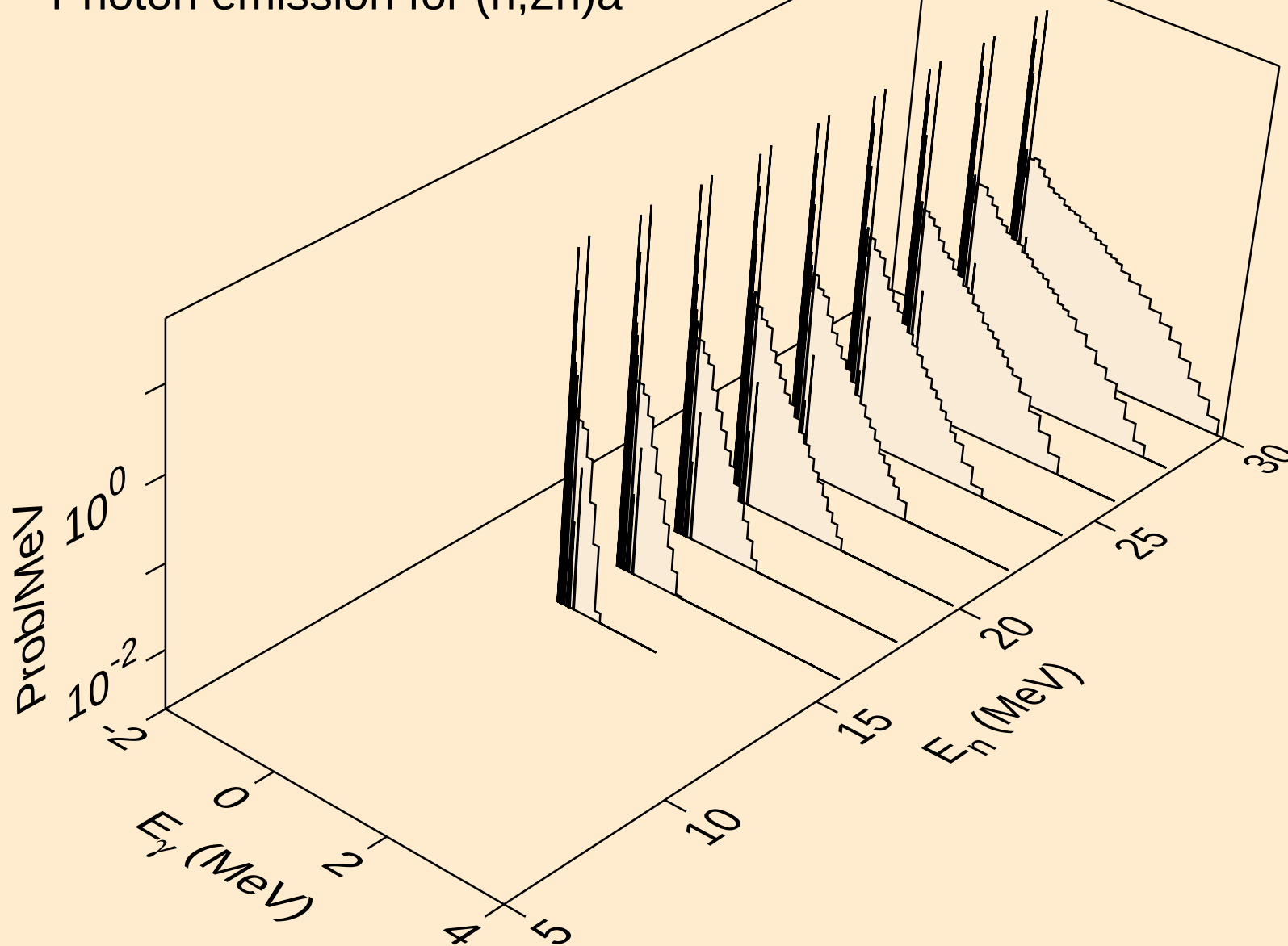
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



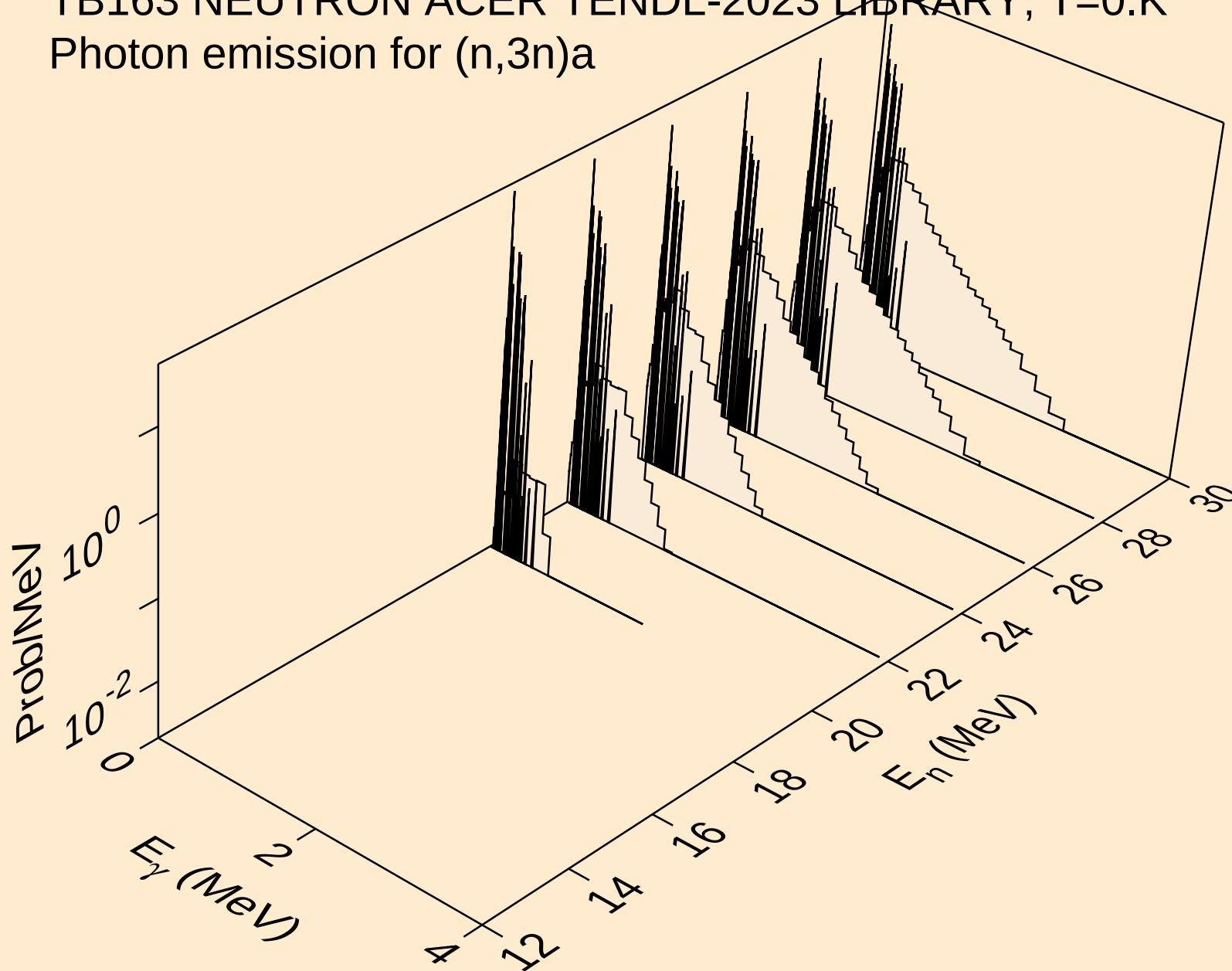
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α

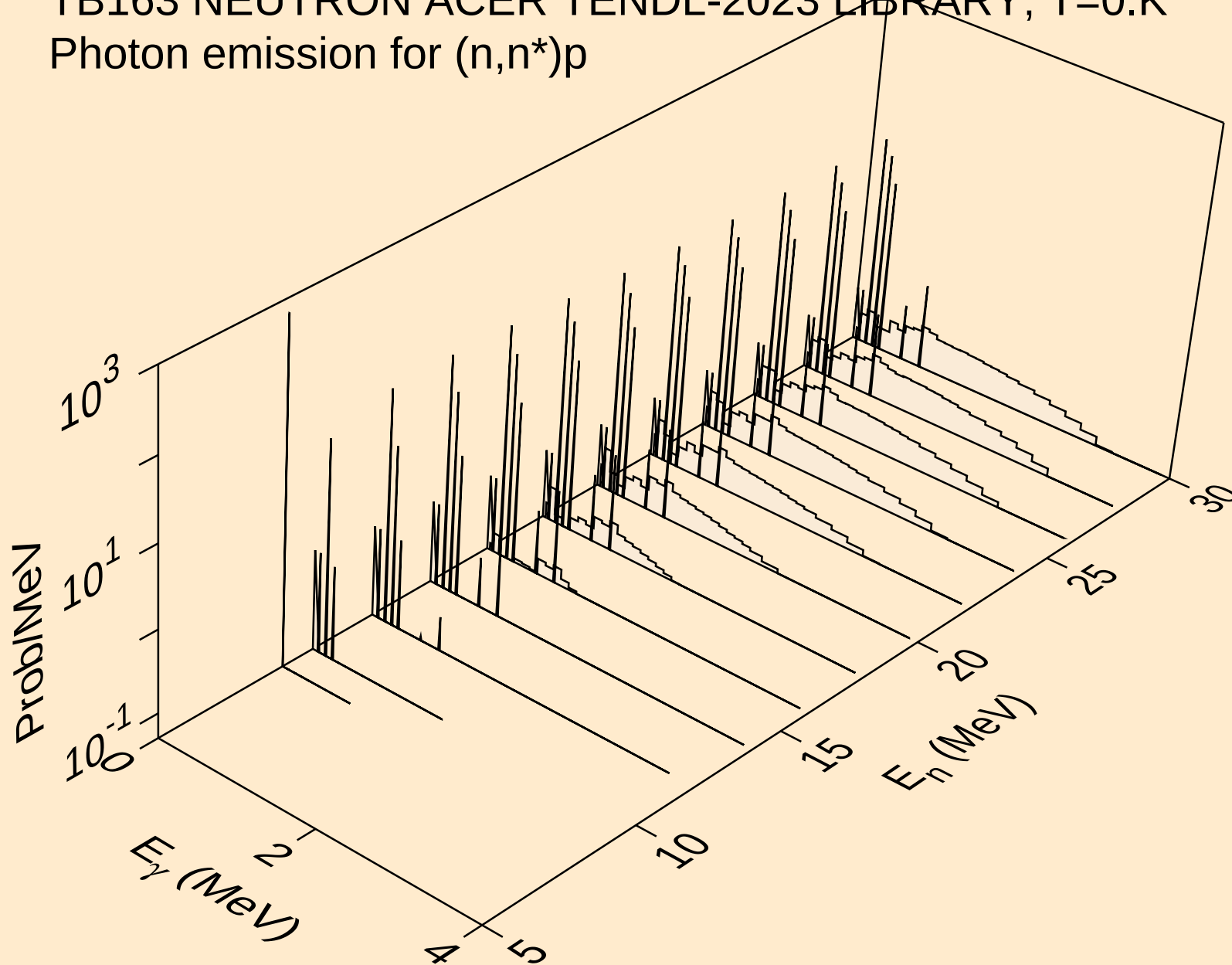


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



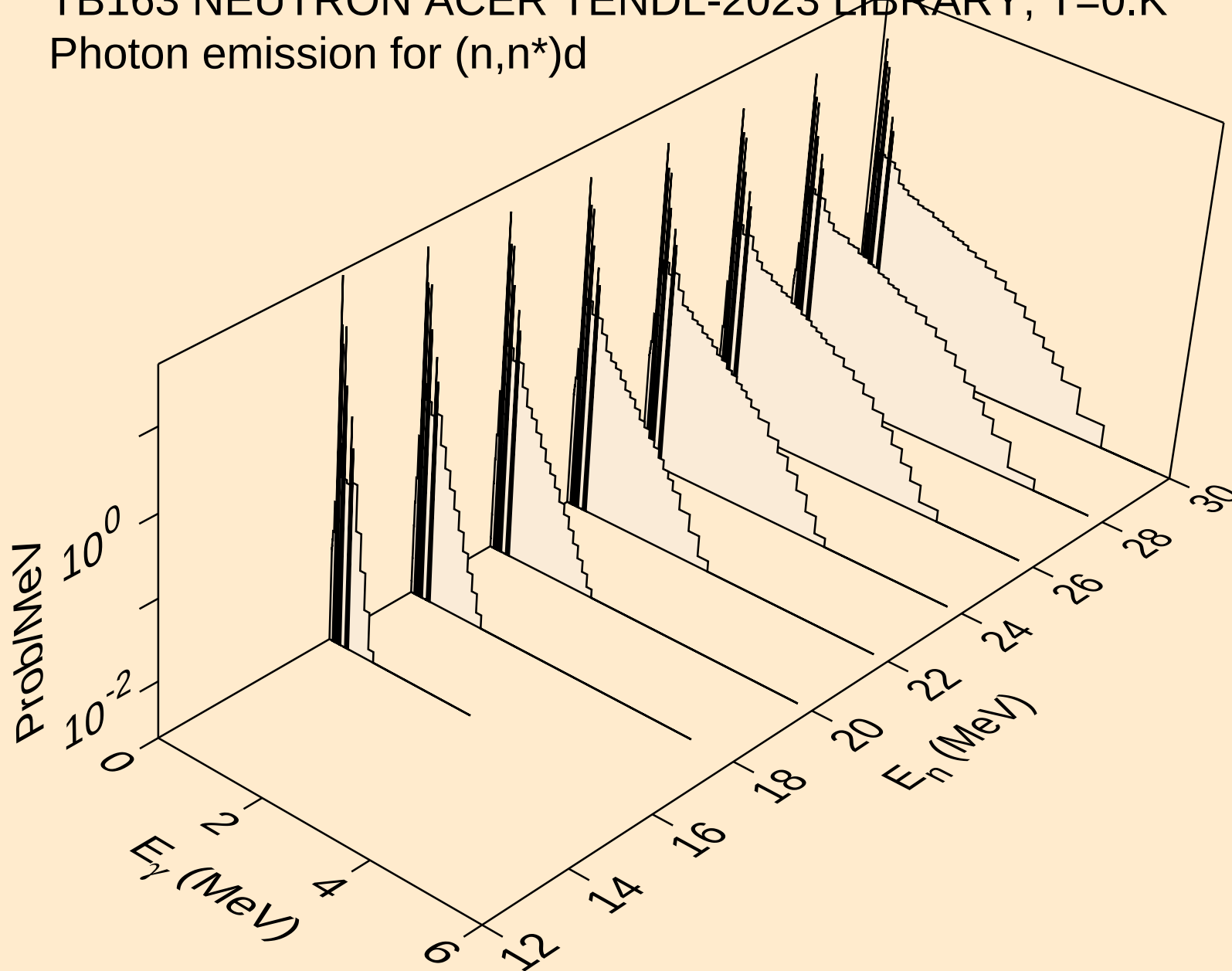
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



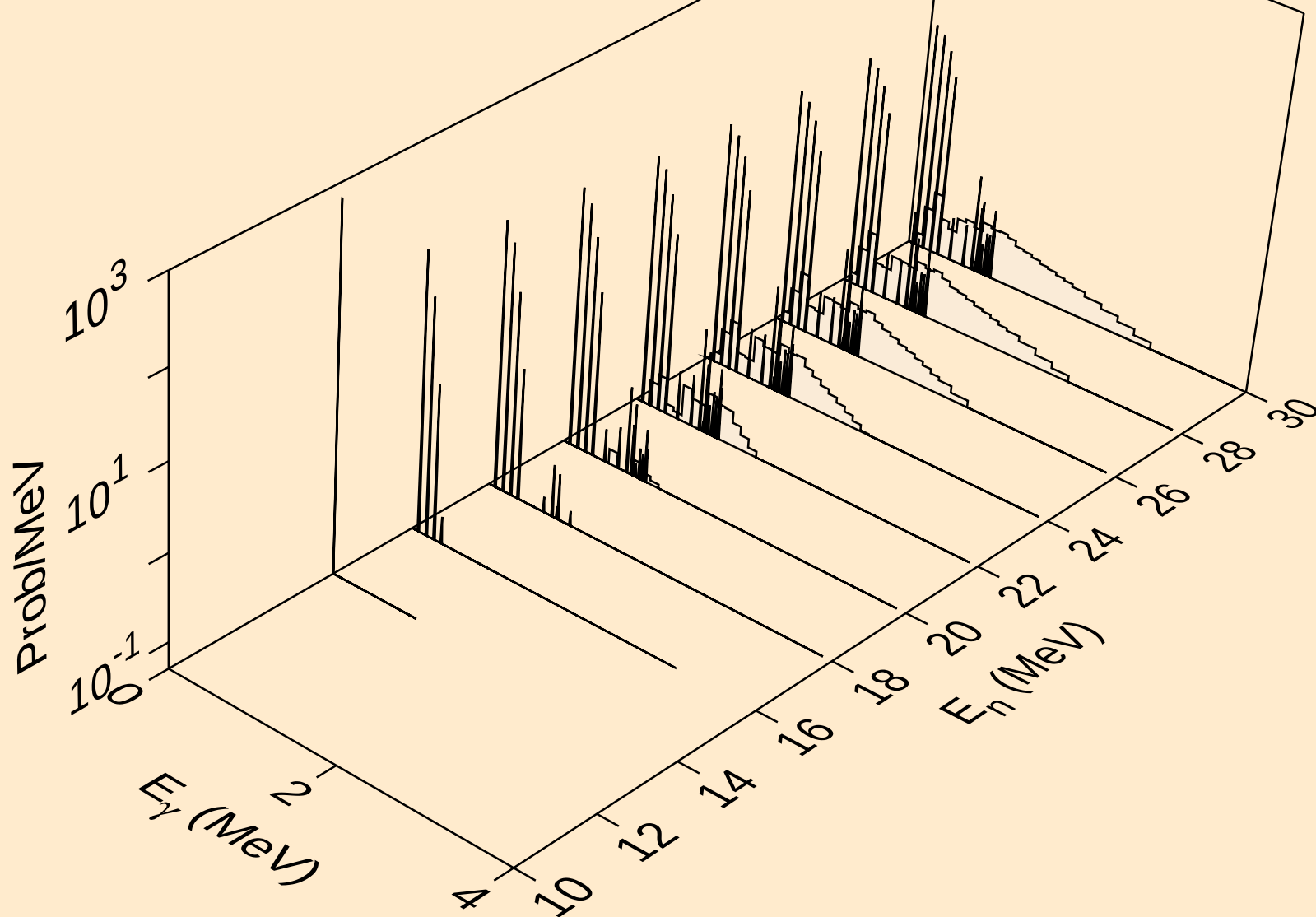
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

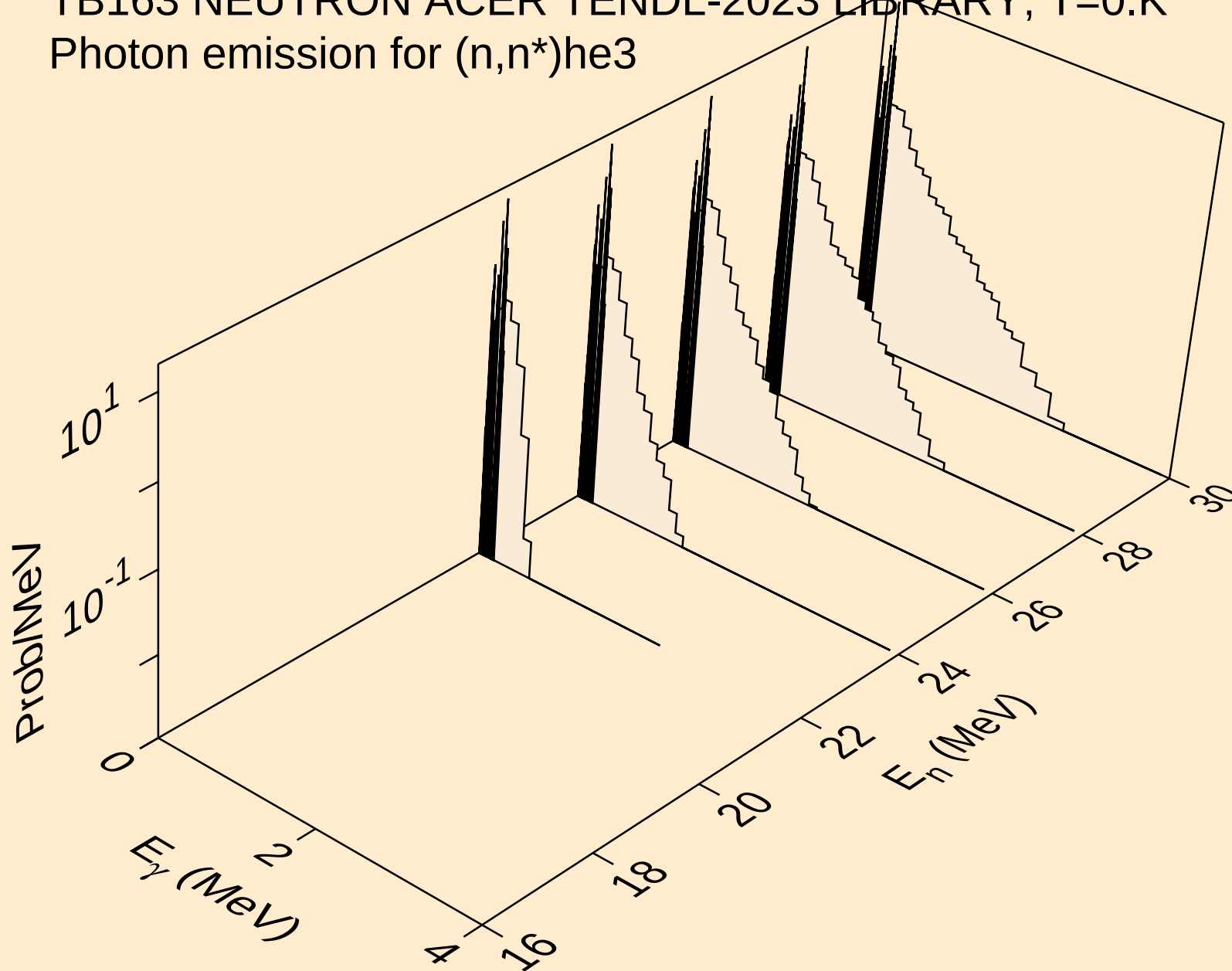


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

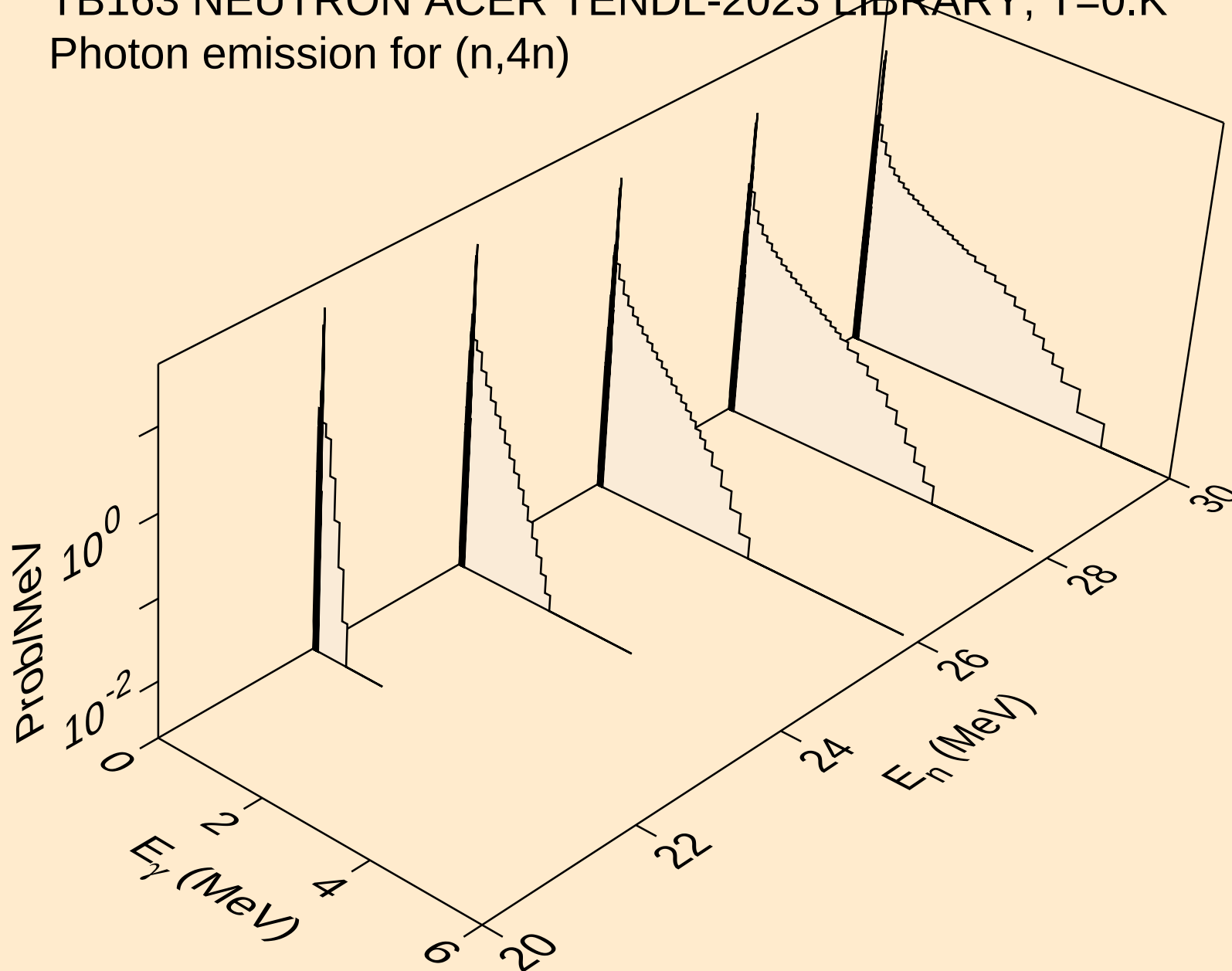
Photon emission for (n,n*)t



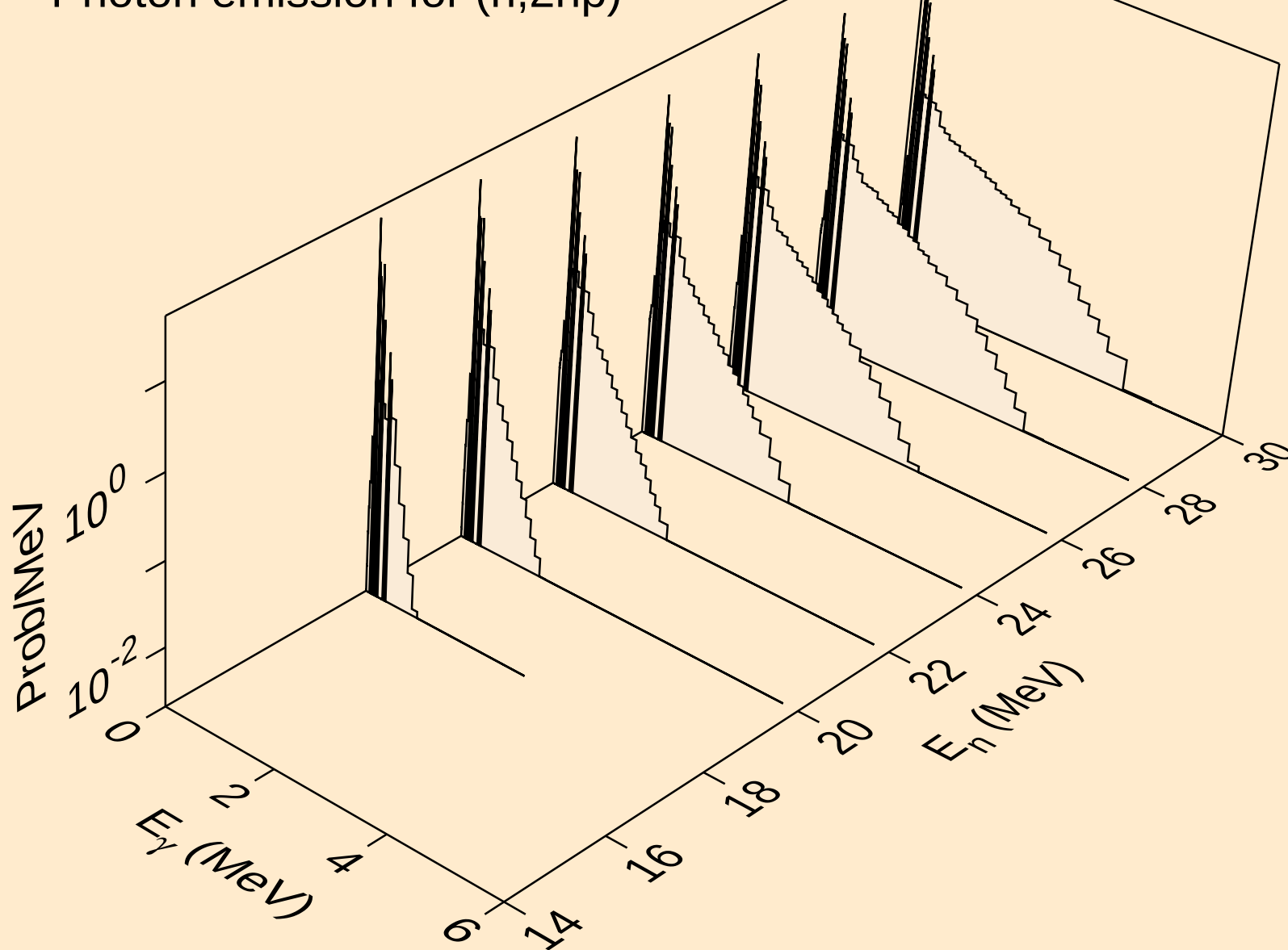
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



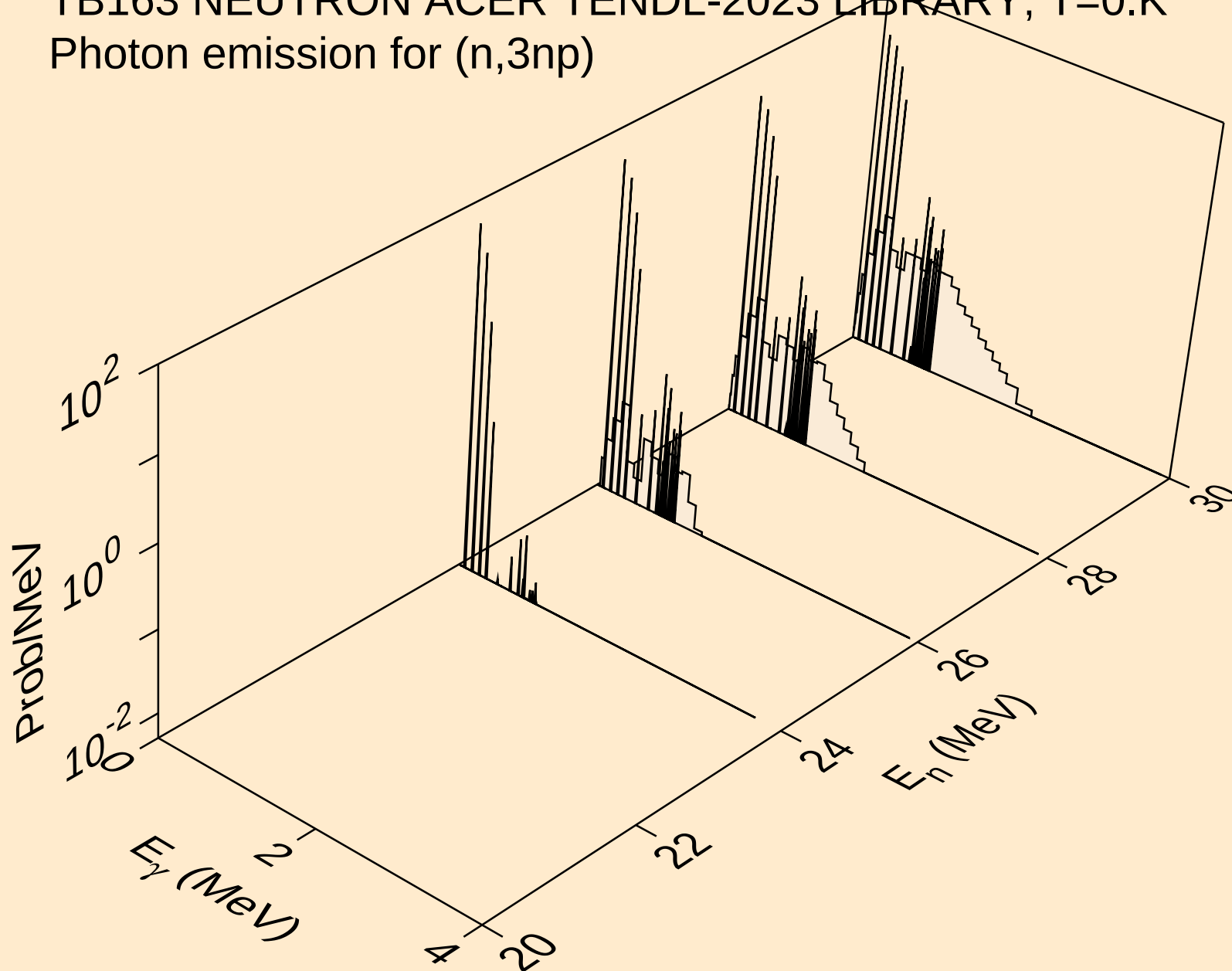
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



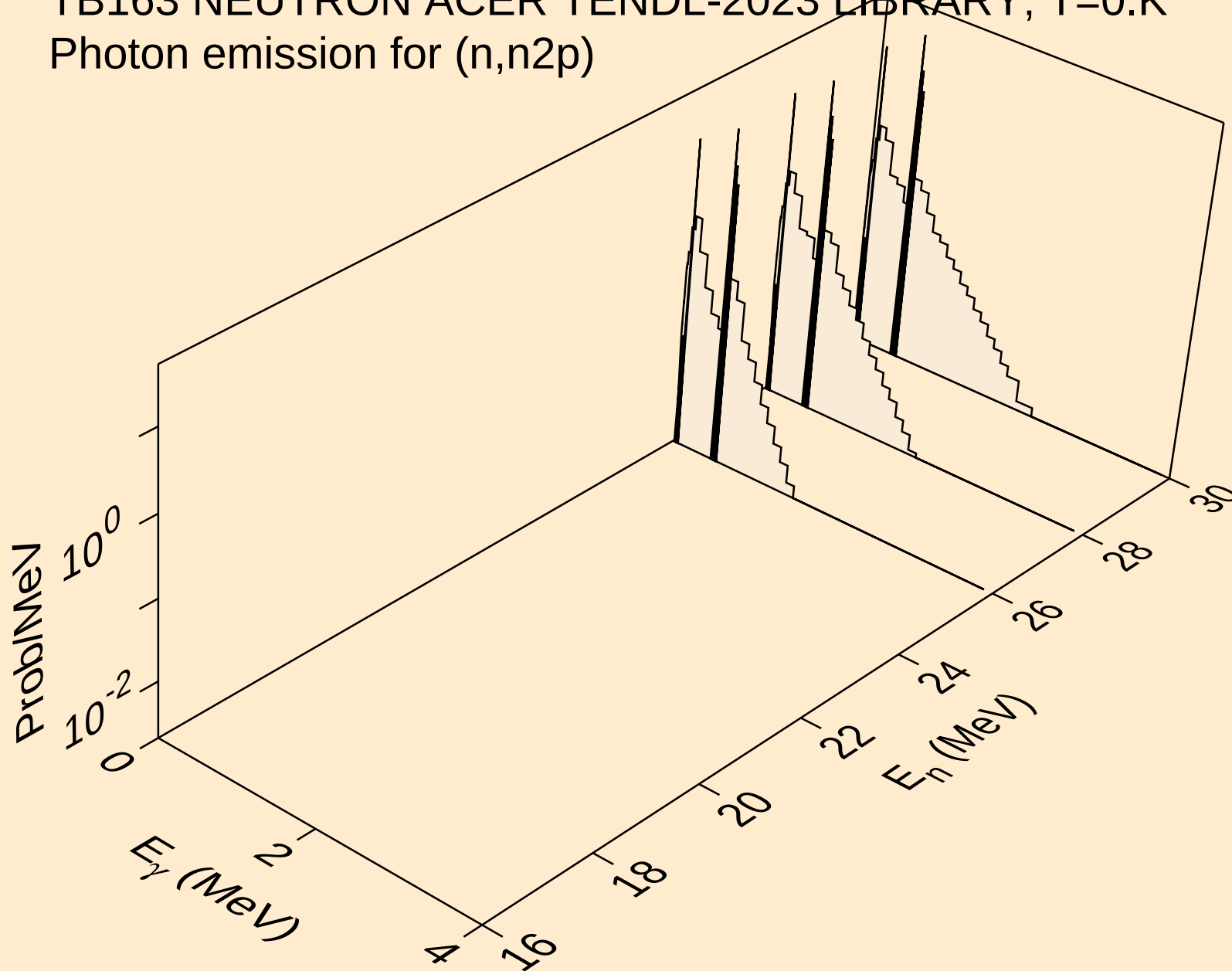
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



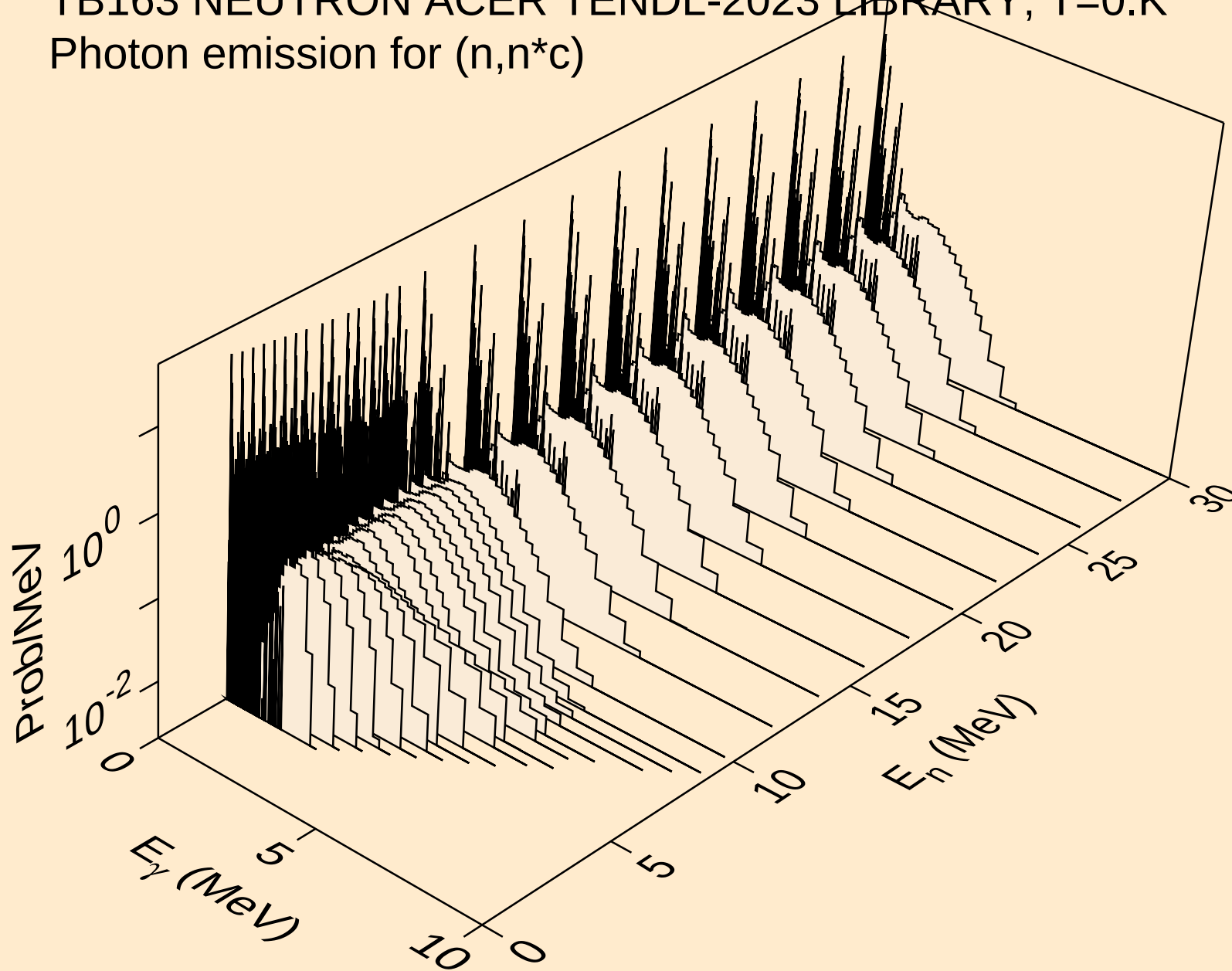
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



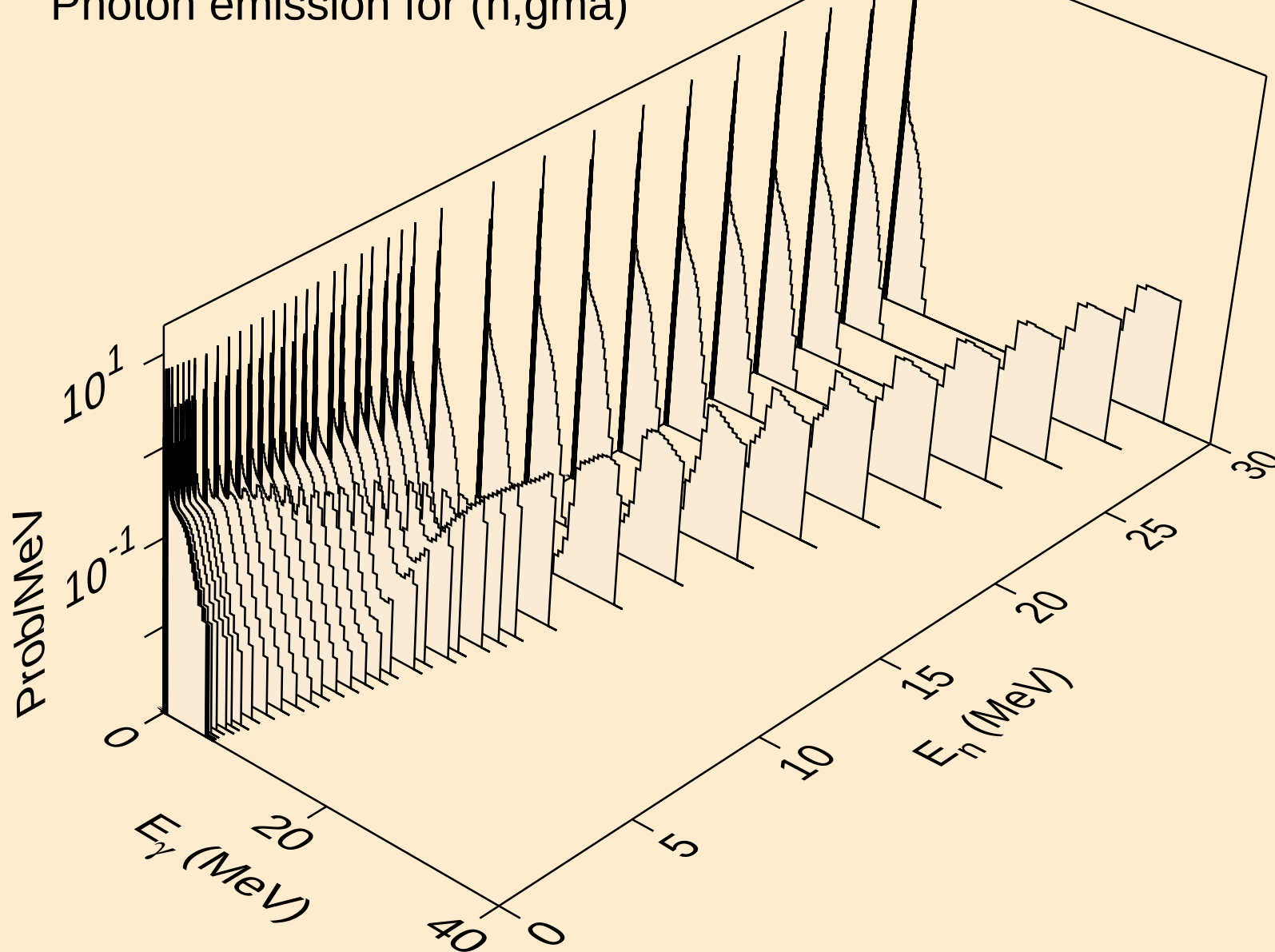
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



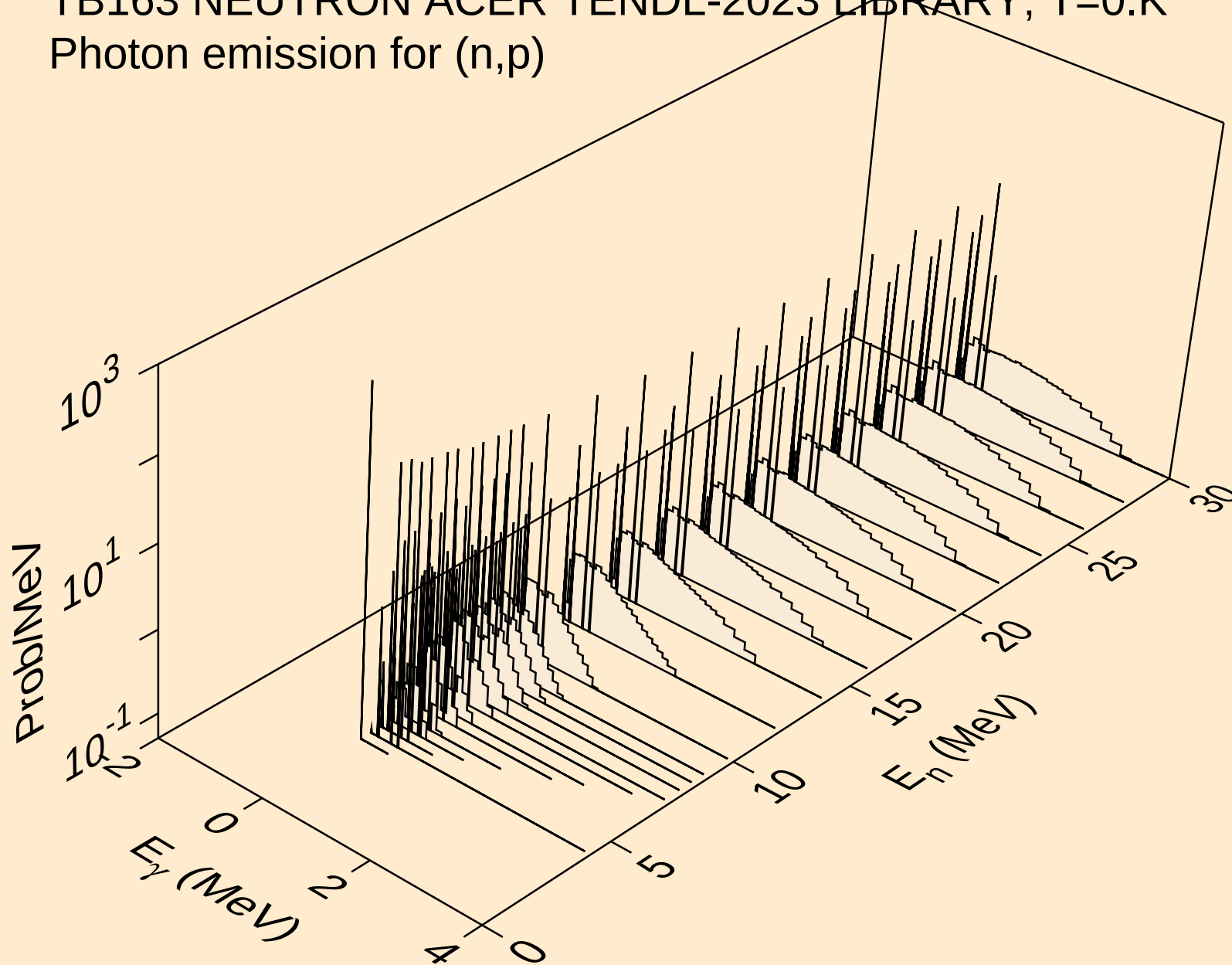
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



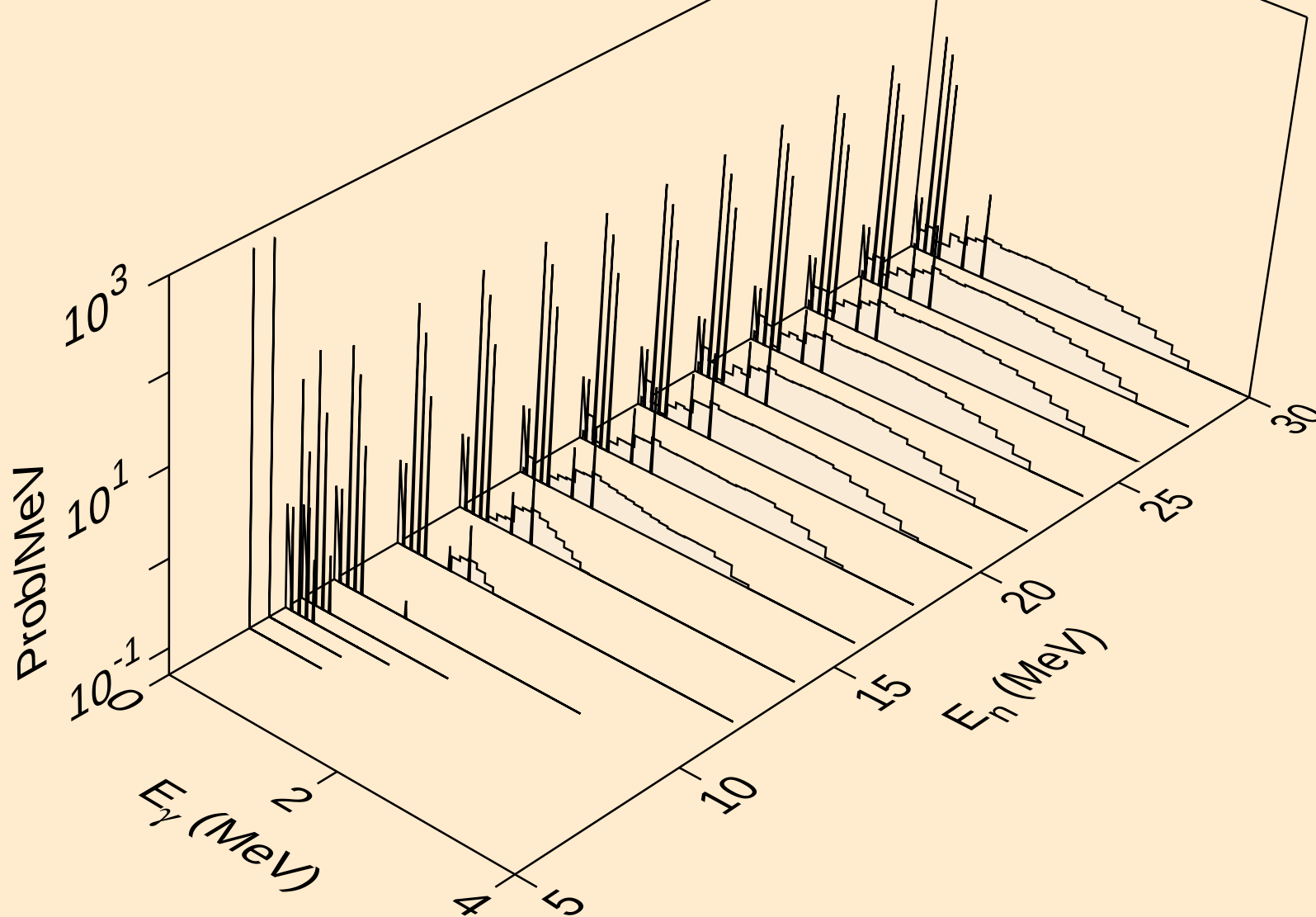
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



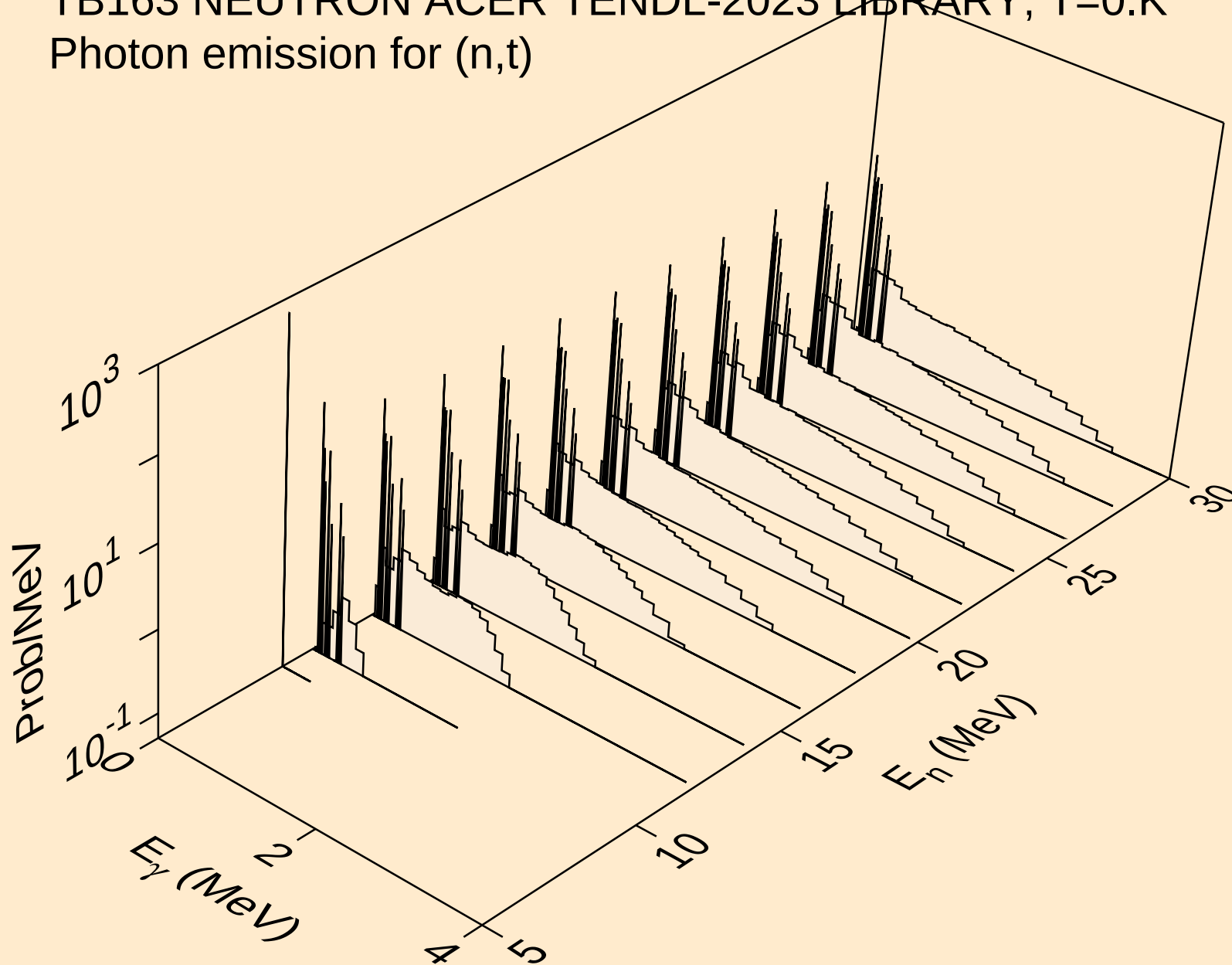
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



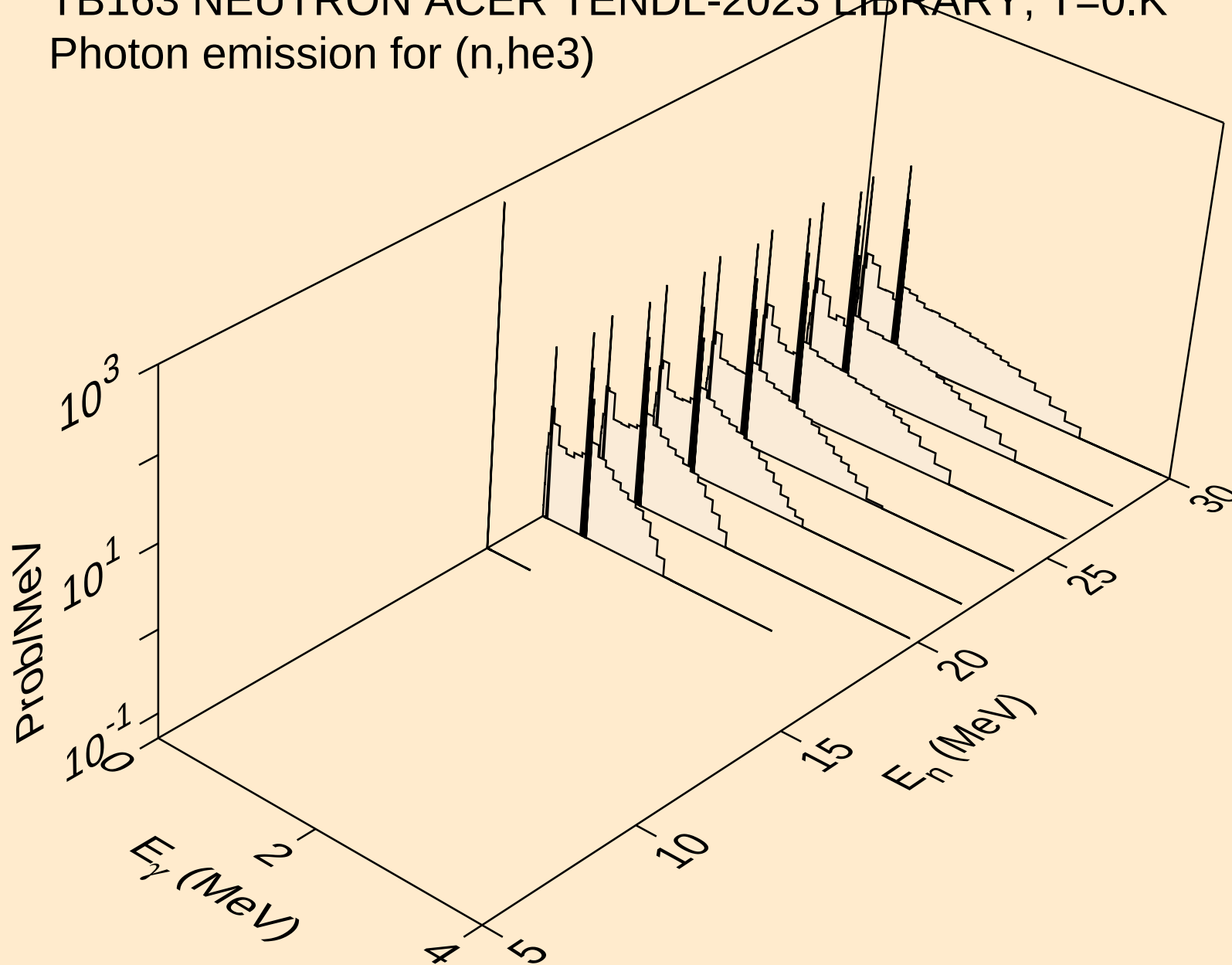
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



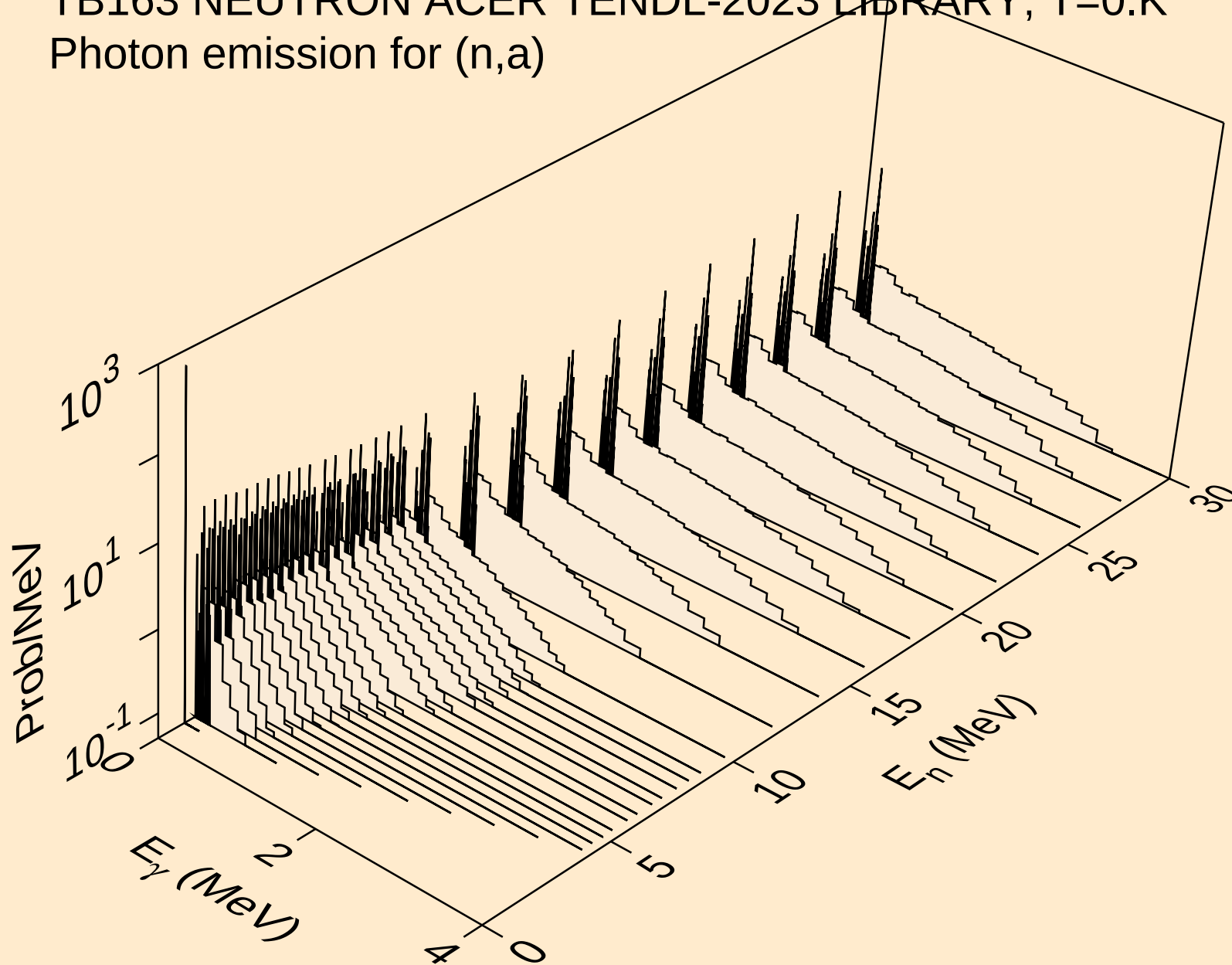
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



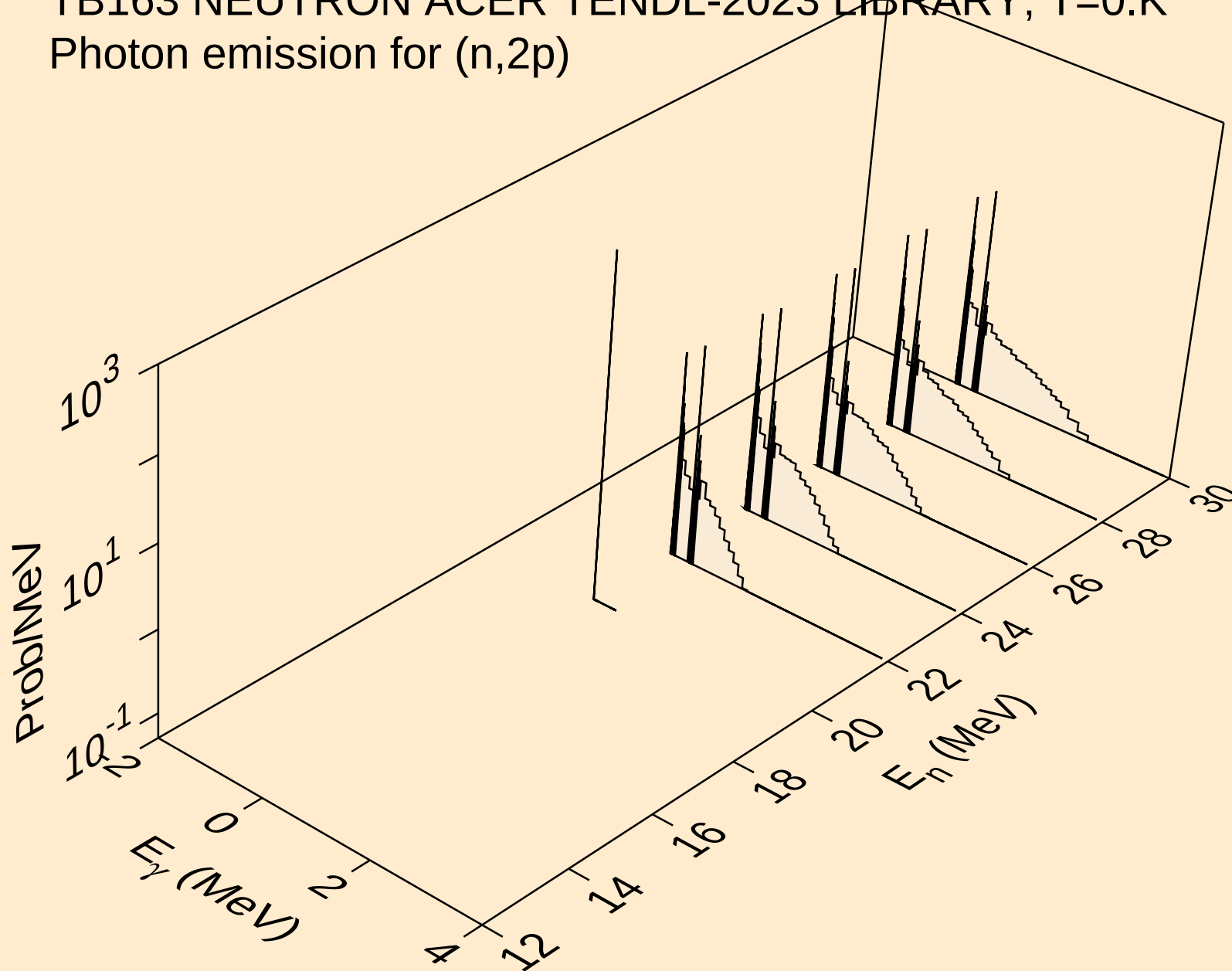
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



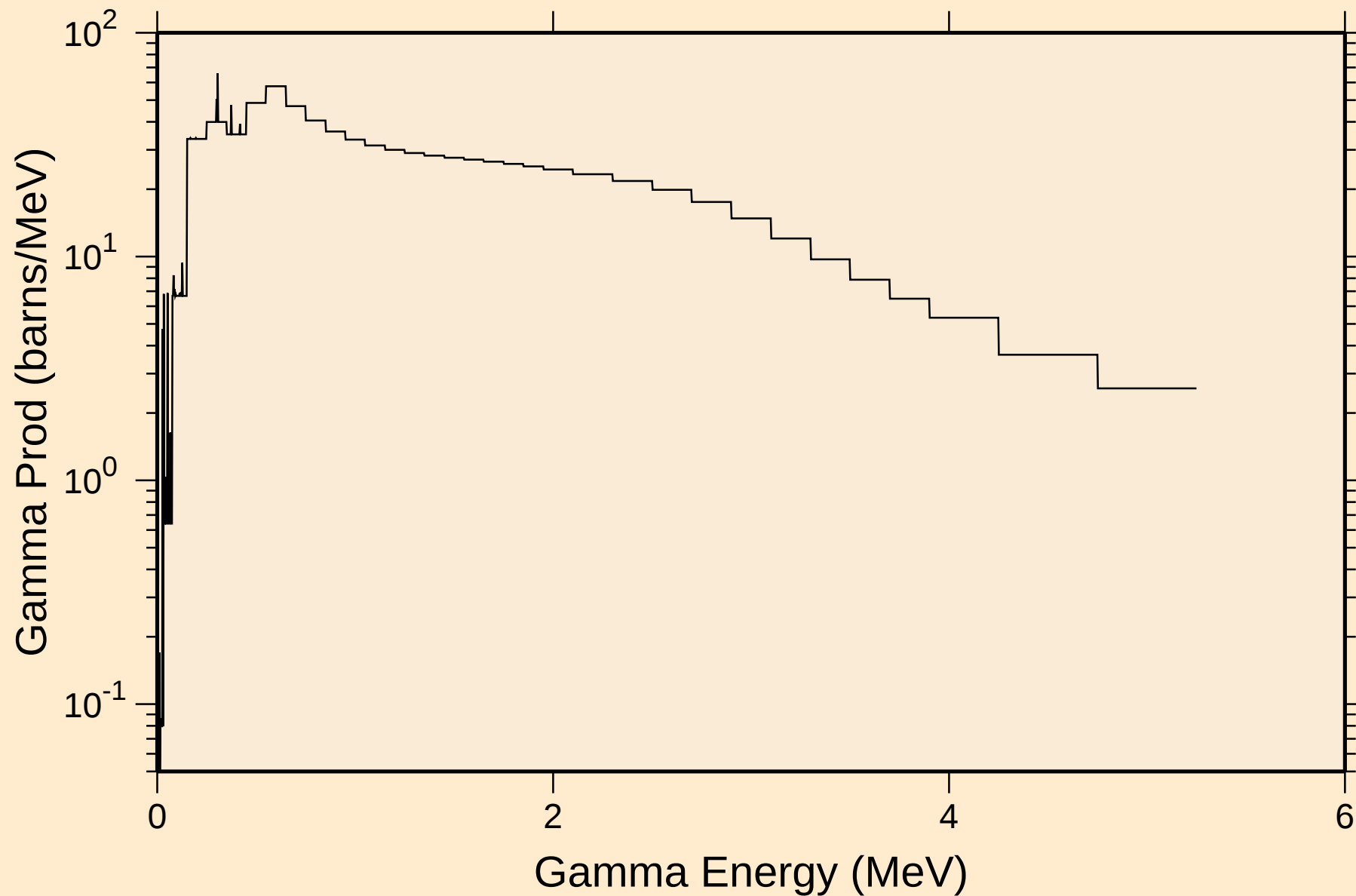
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



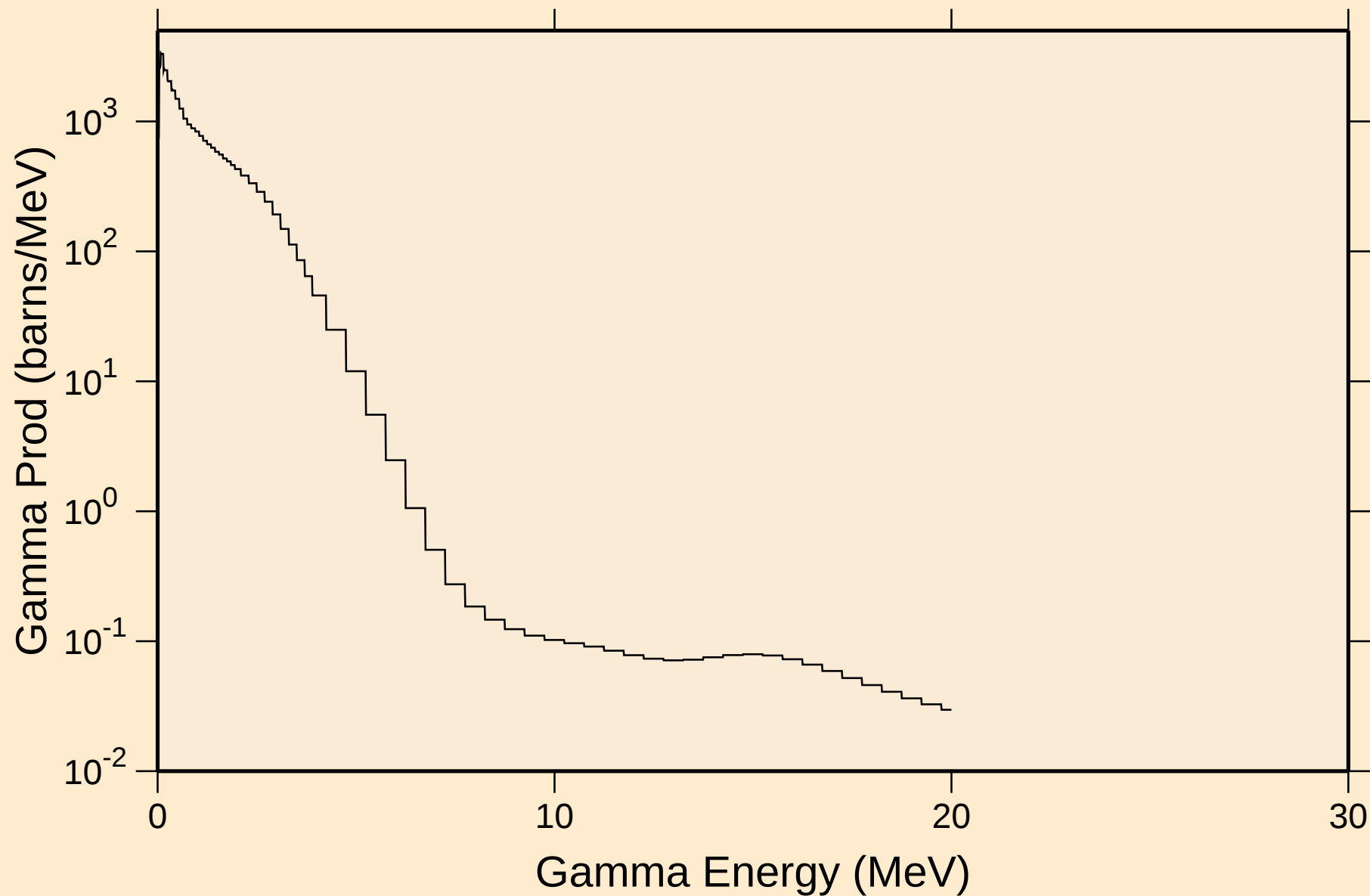
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

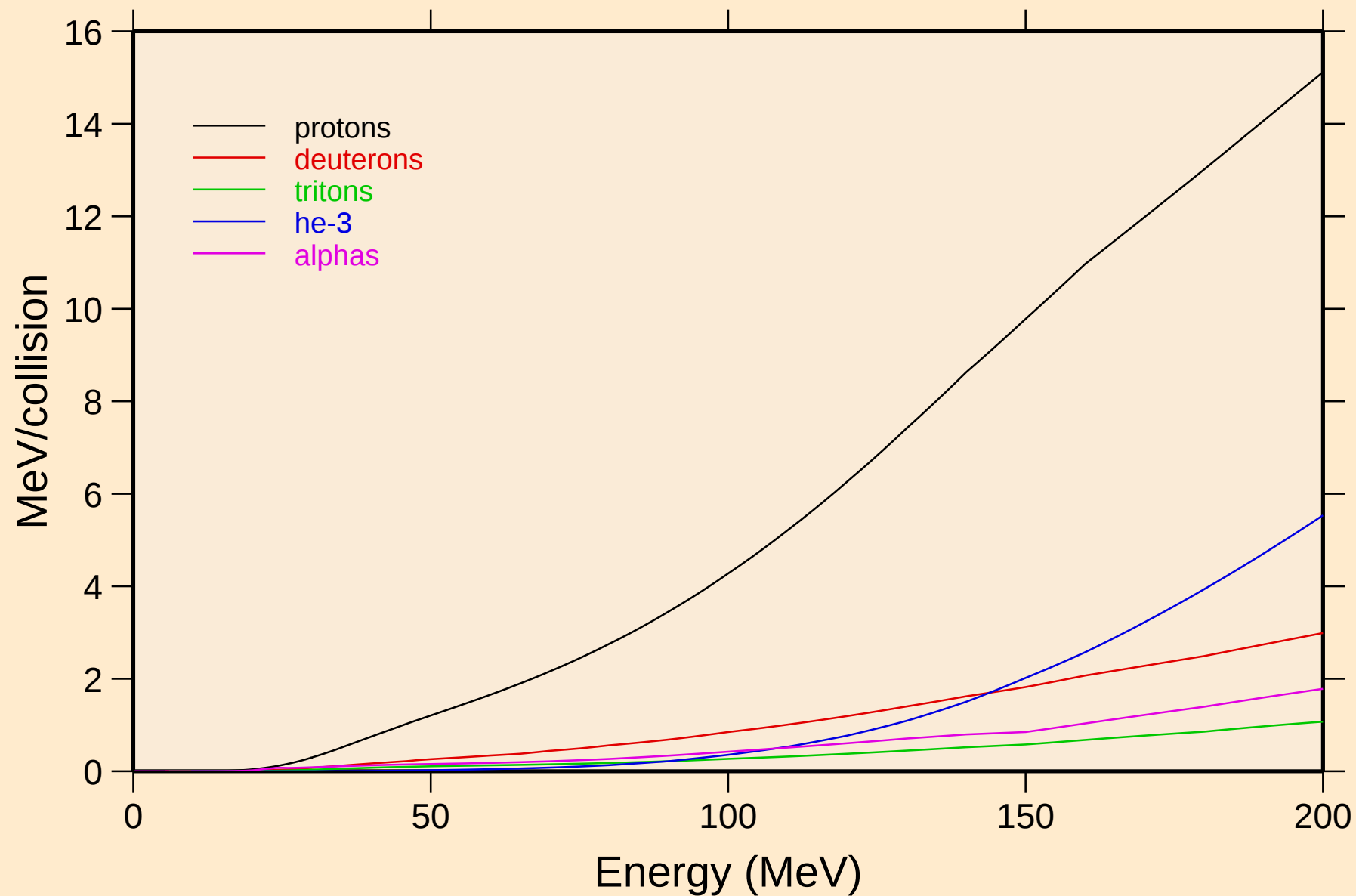


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

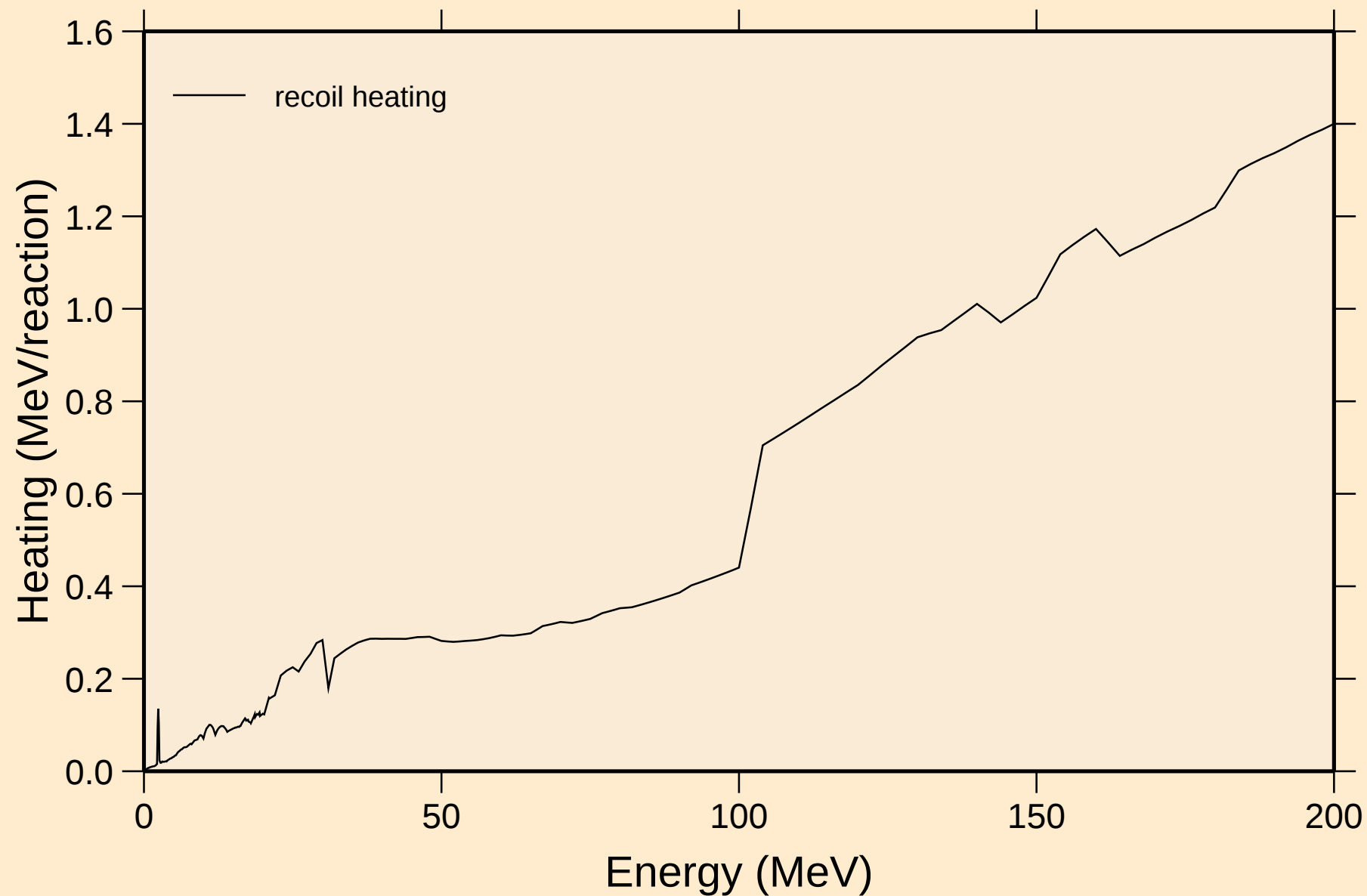


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

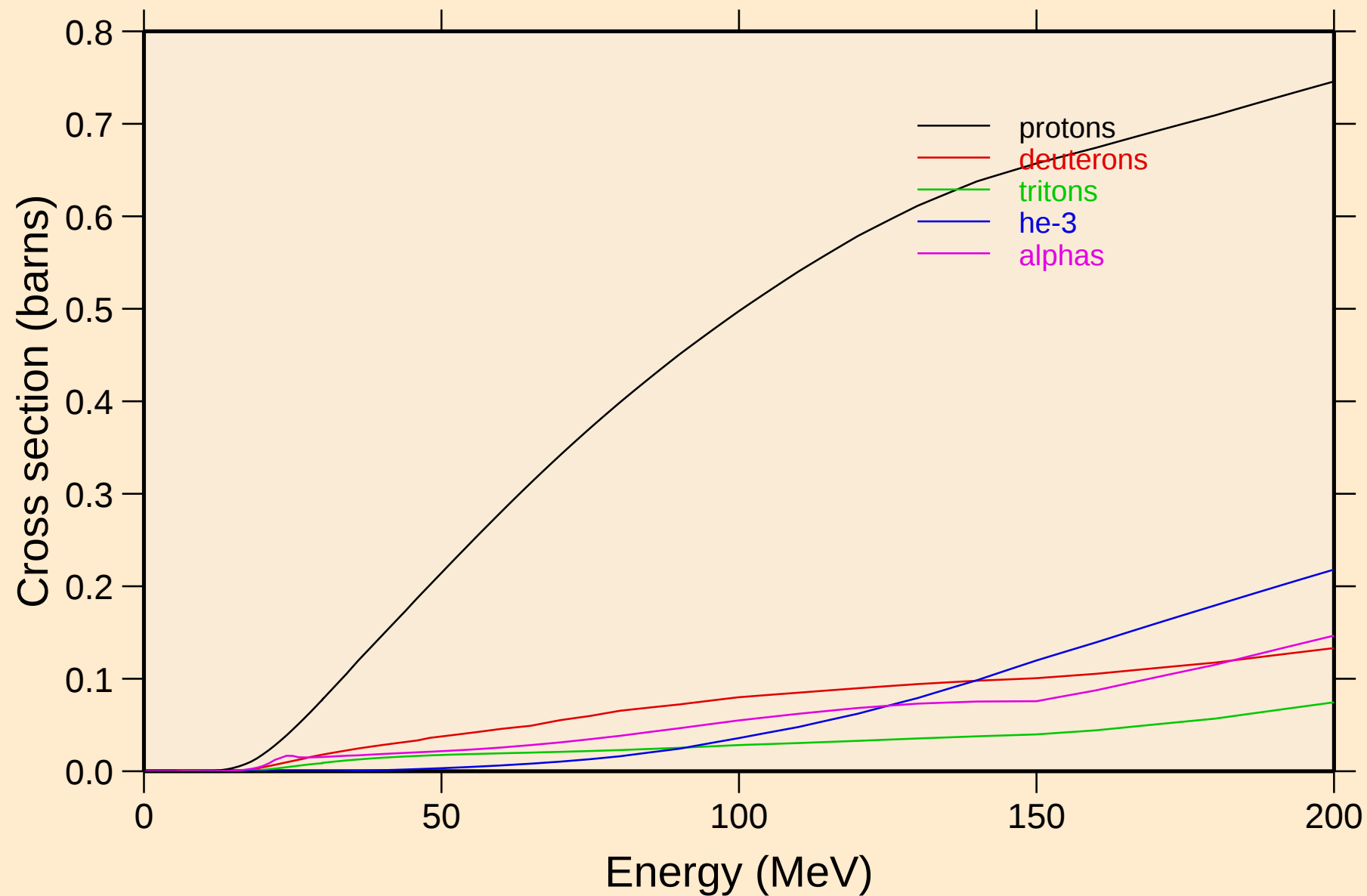


TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

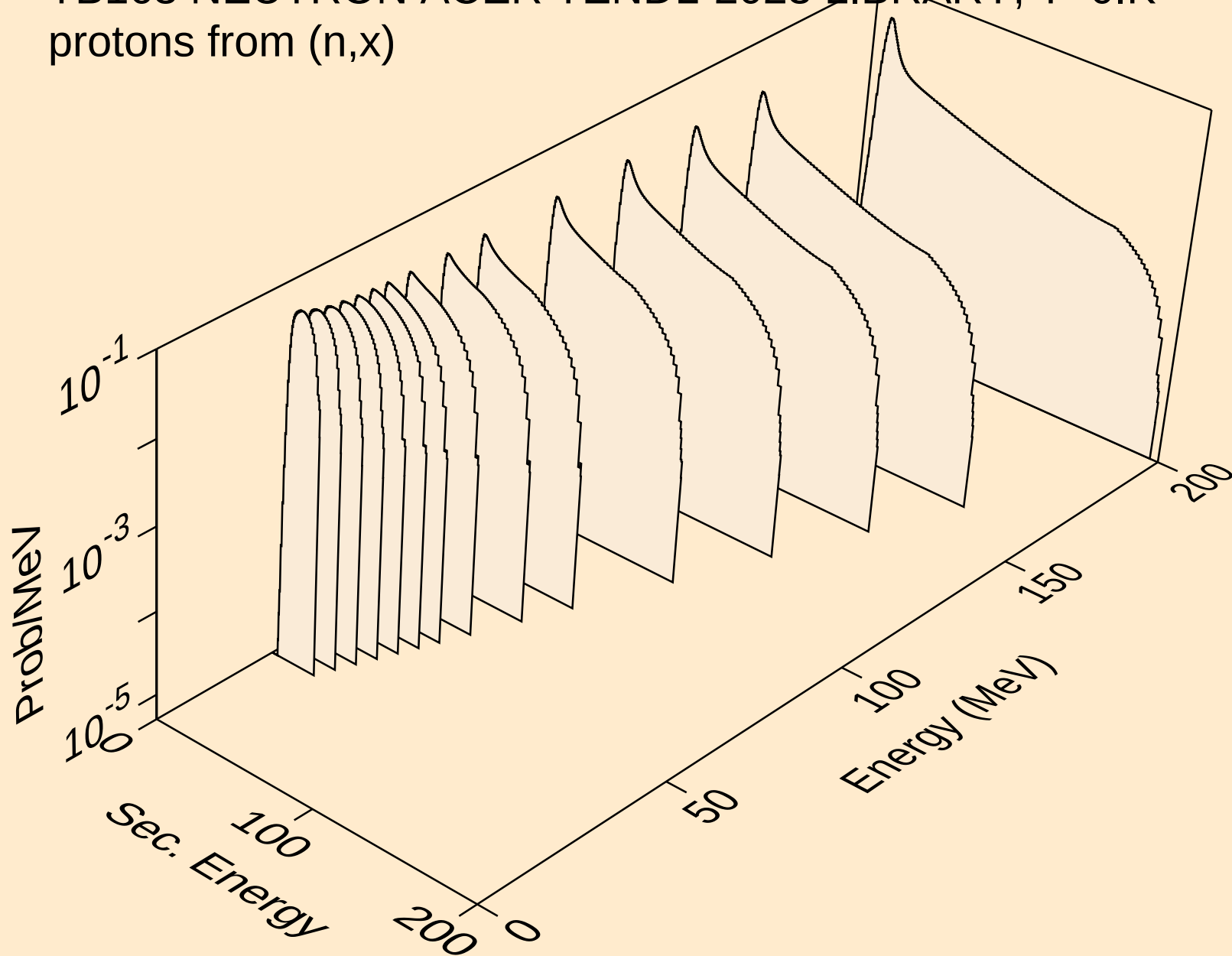


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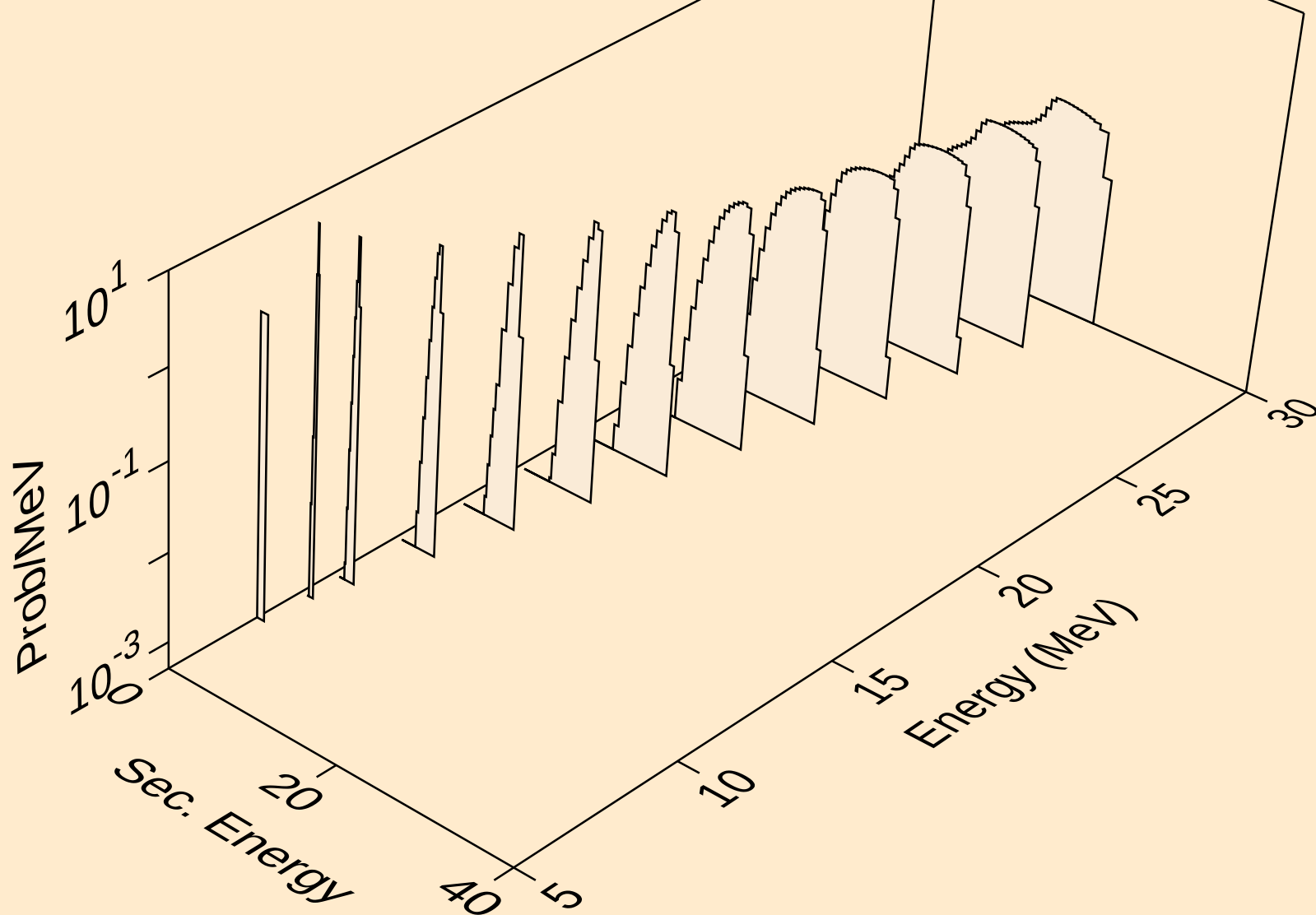
Particle production cross sections



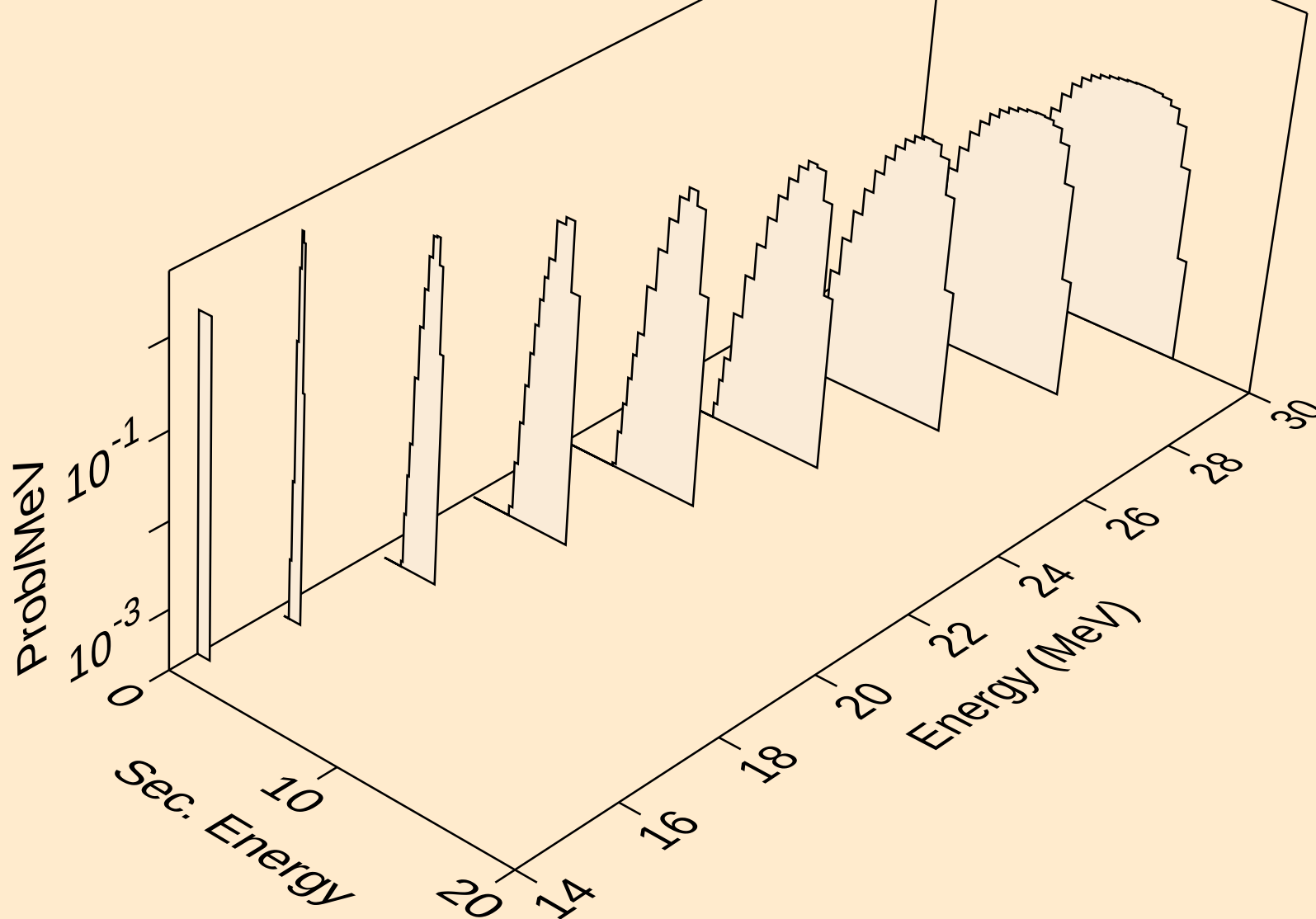
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



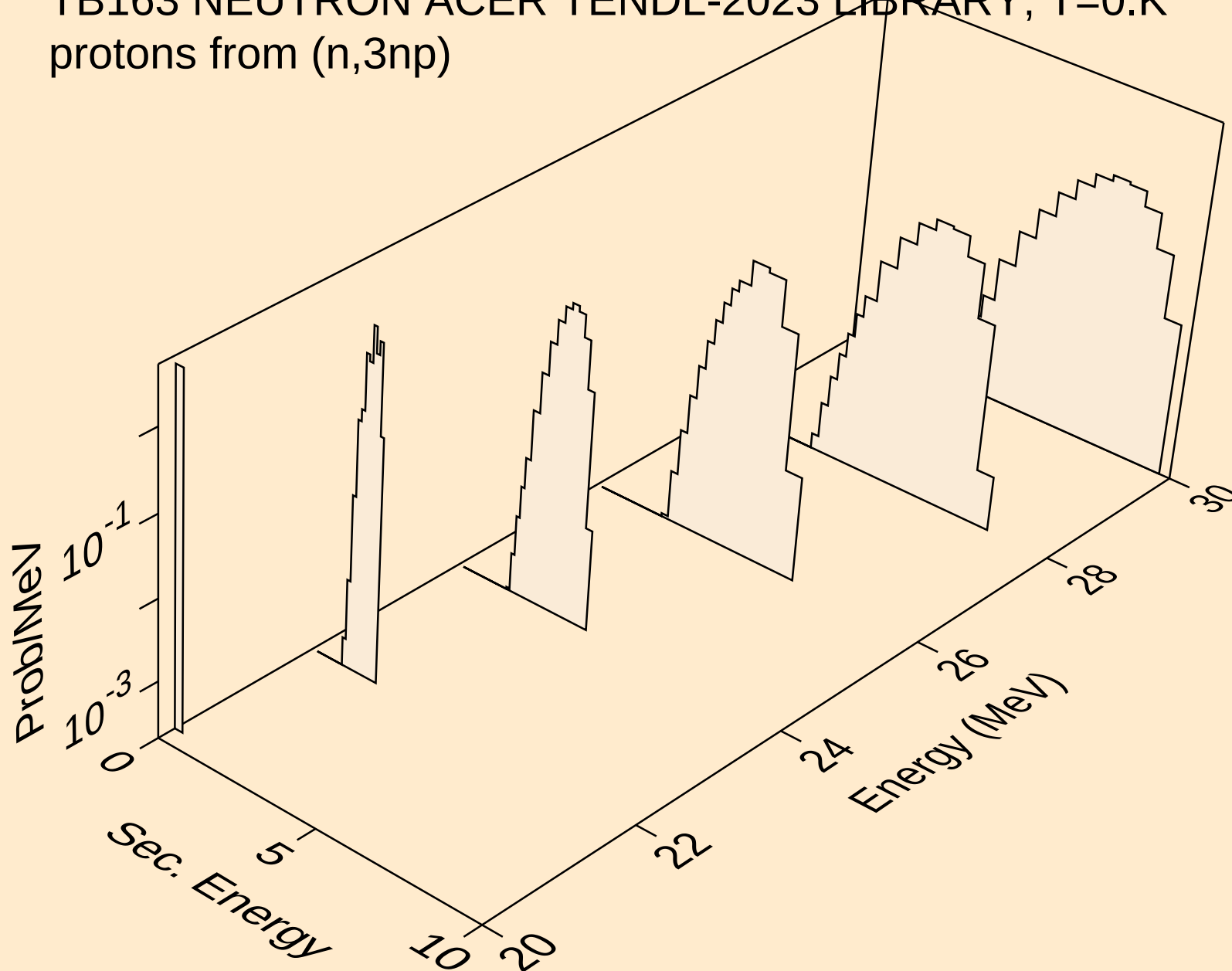
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



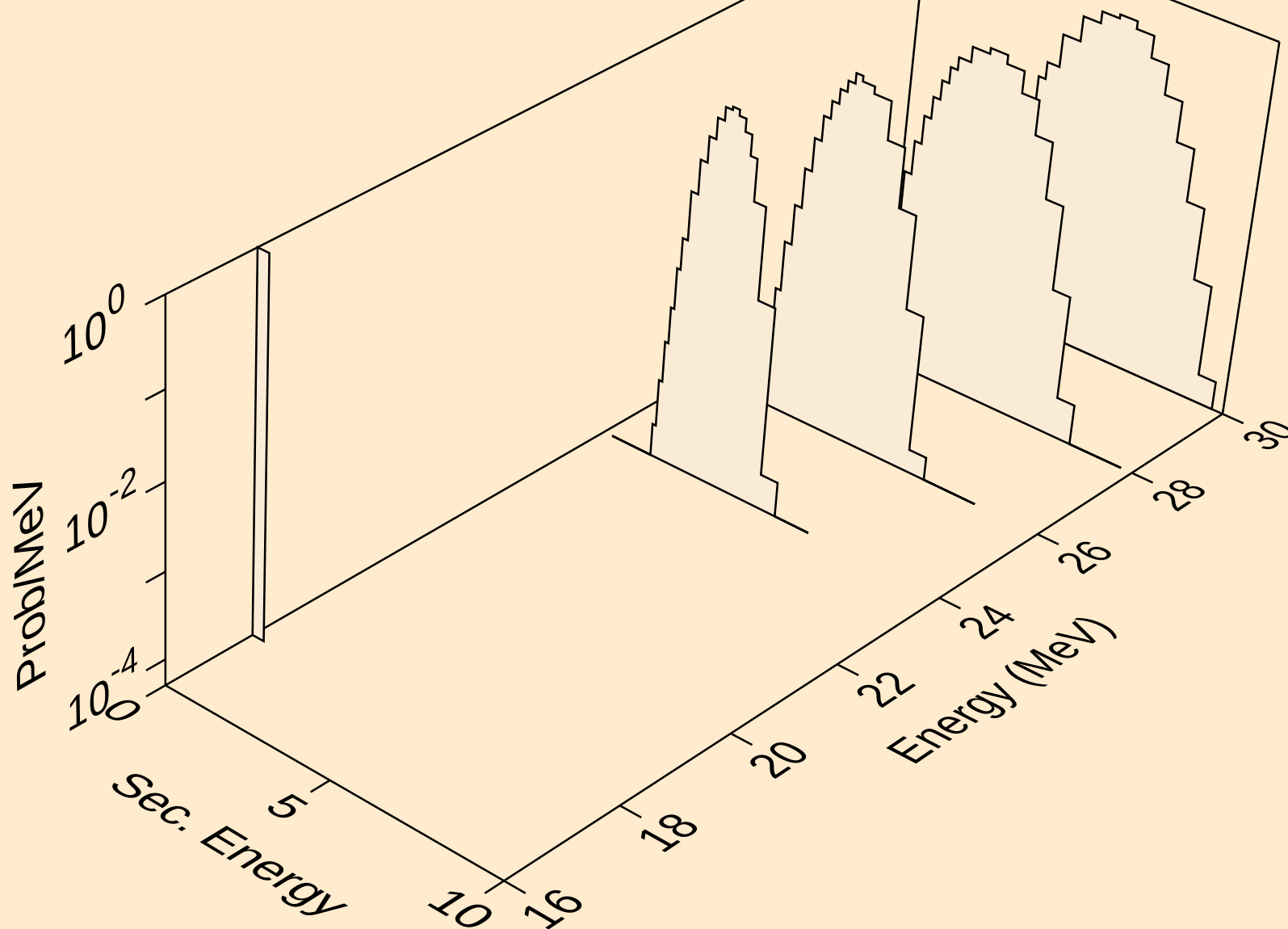
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protons from (n,2np)



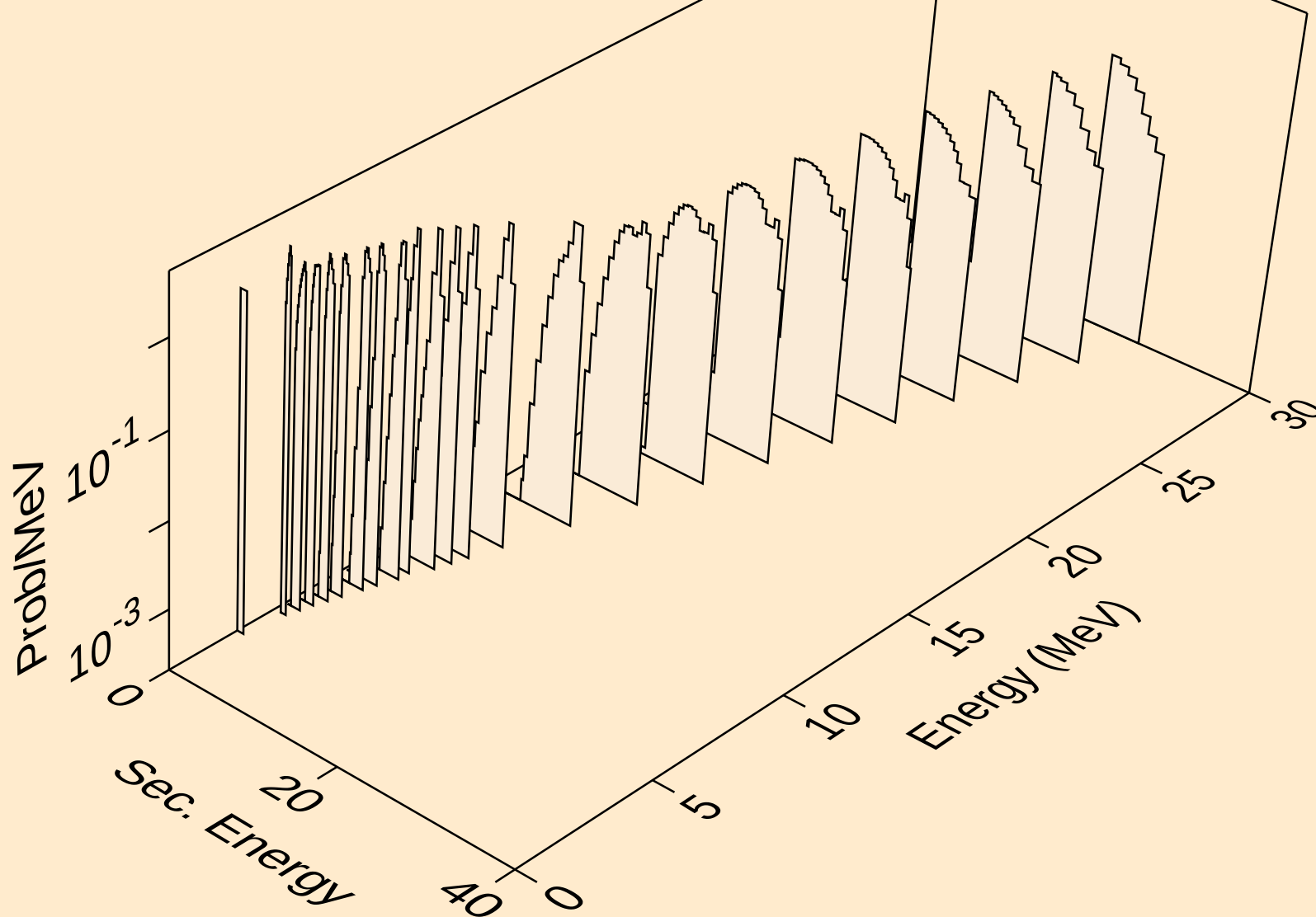
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protons from (n,3np)



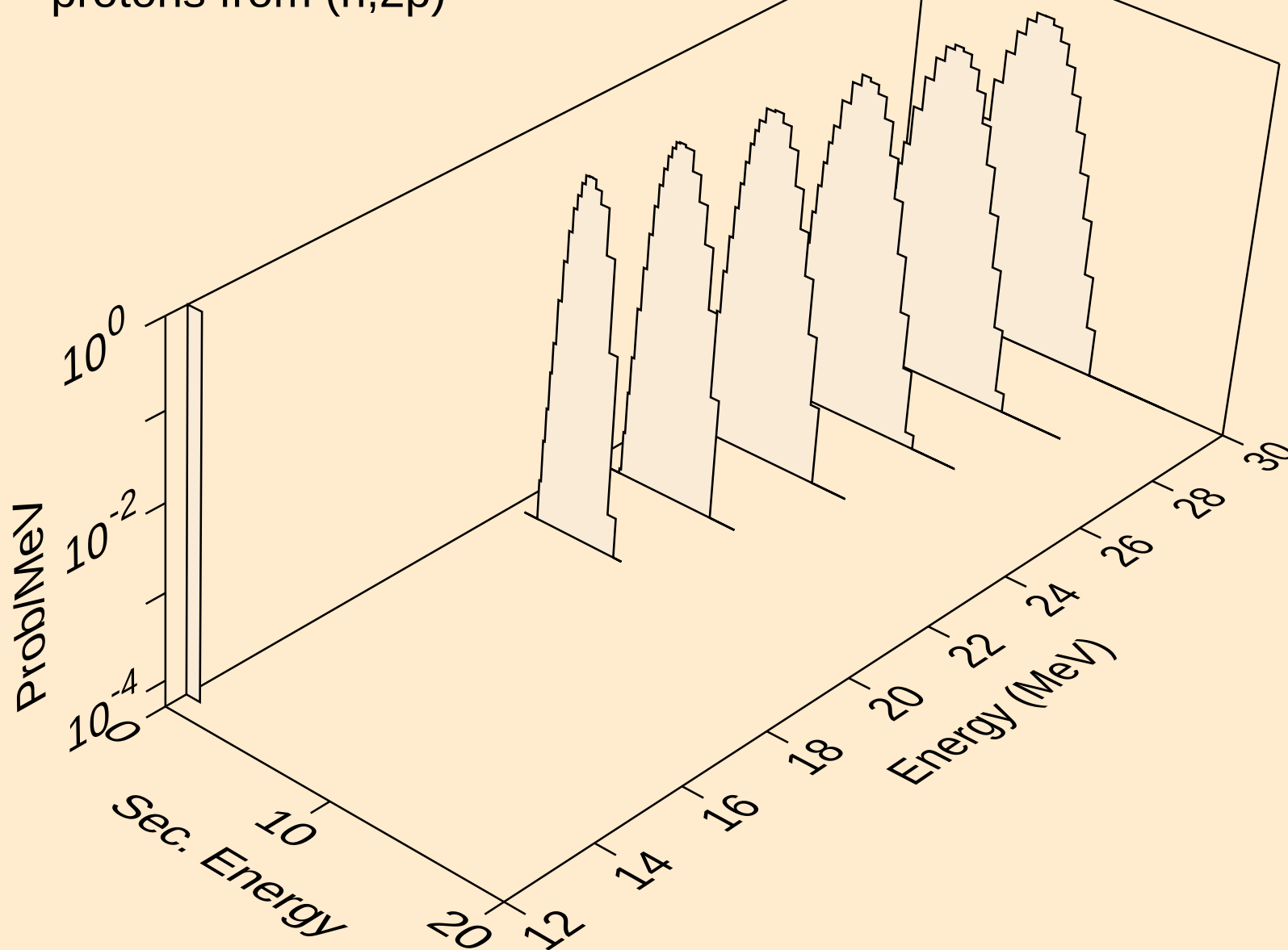
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protons from (n,n2p)



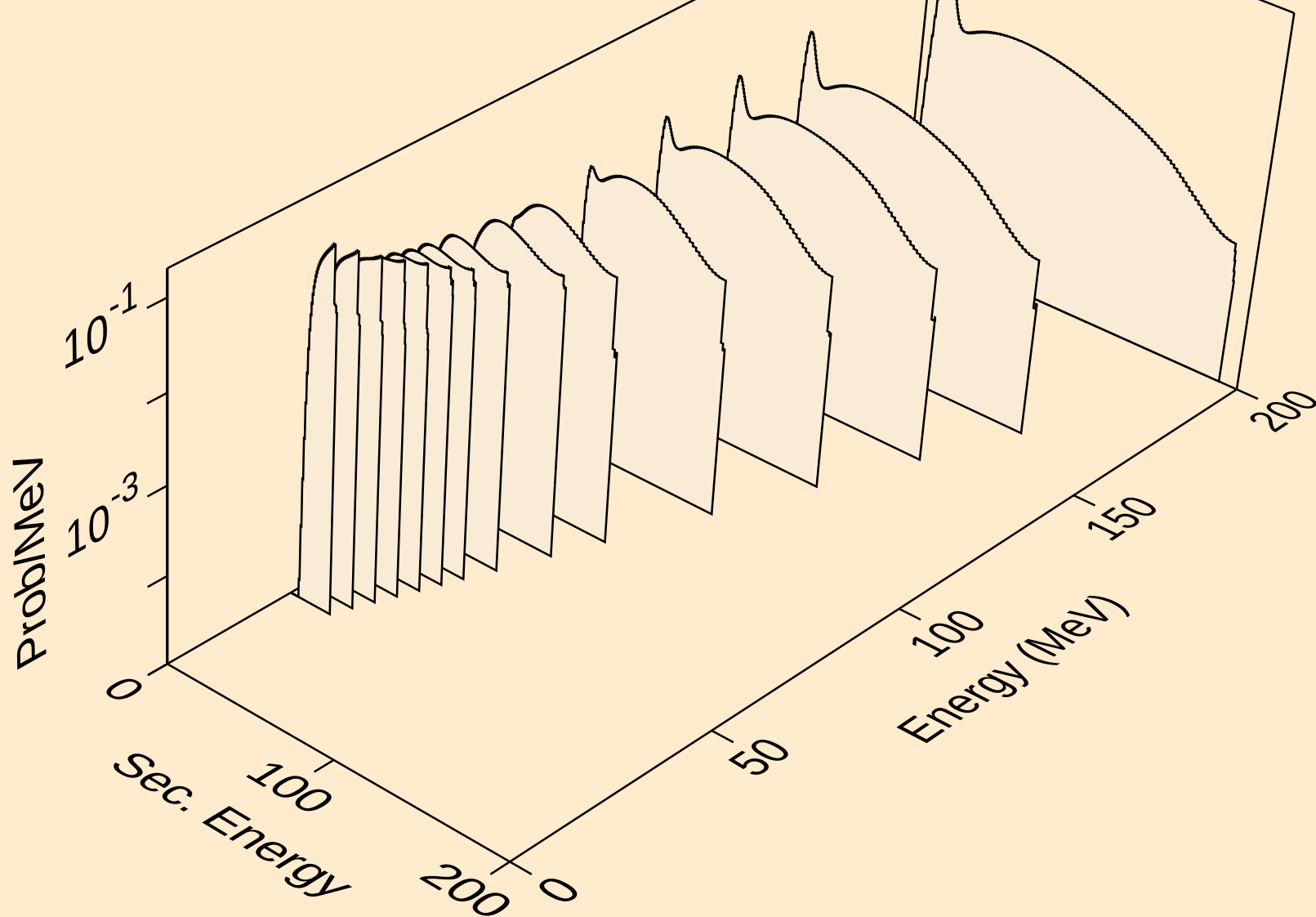
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protons from (n,p)



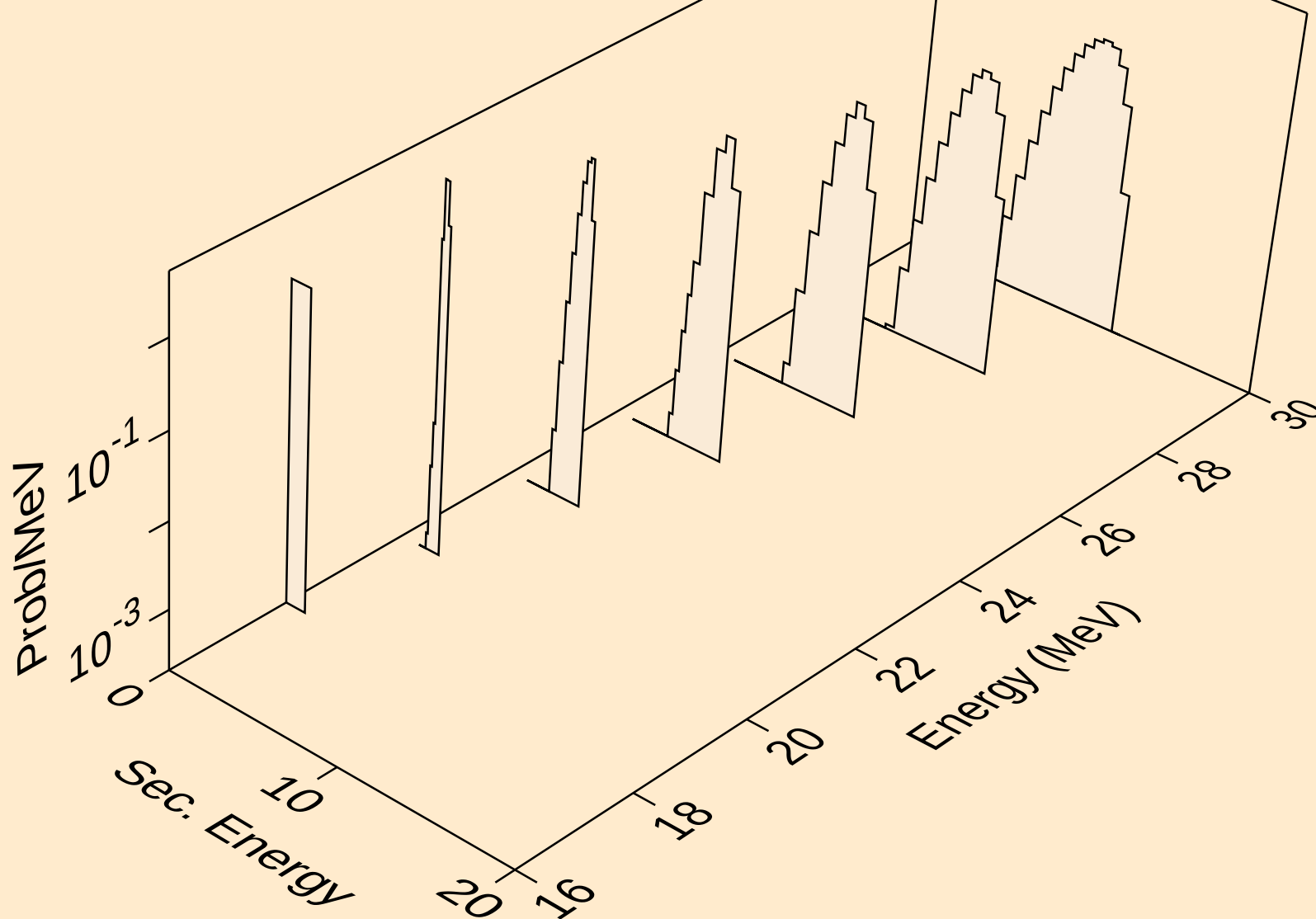
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protons from (n,2p)



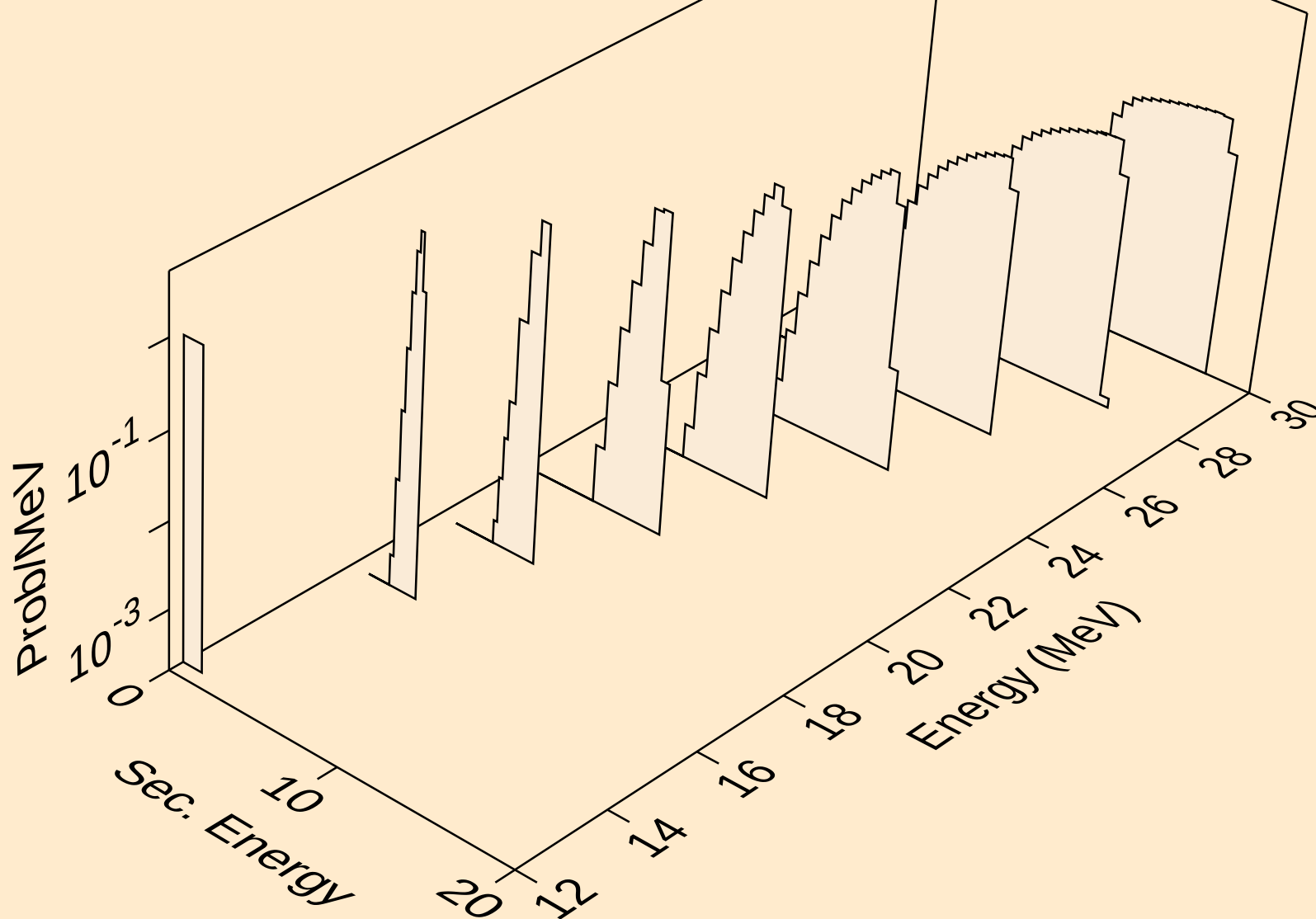
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deuterons from (n,x)



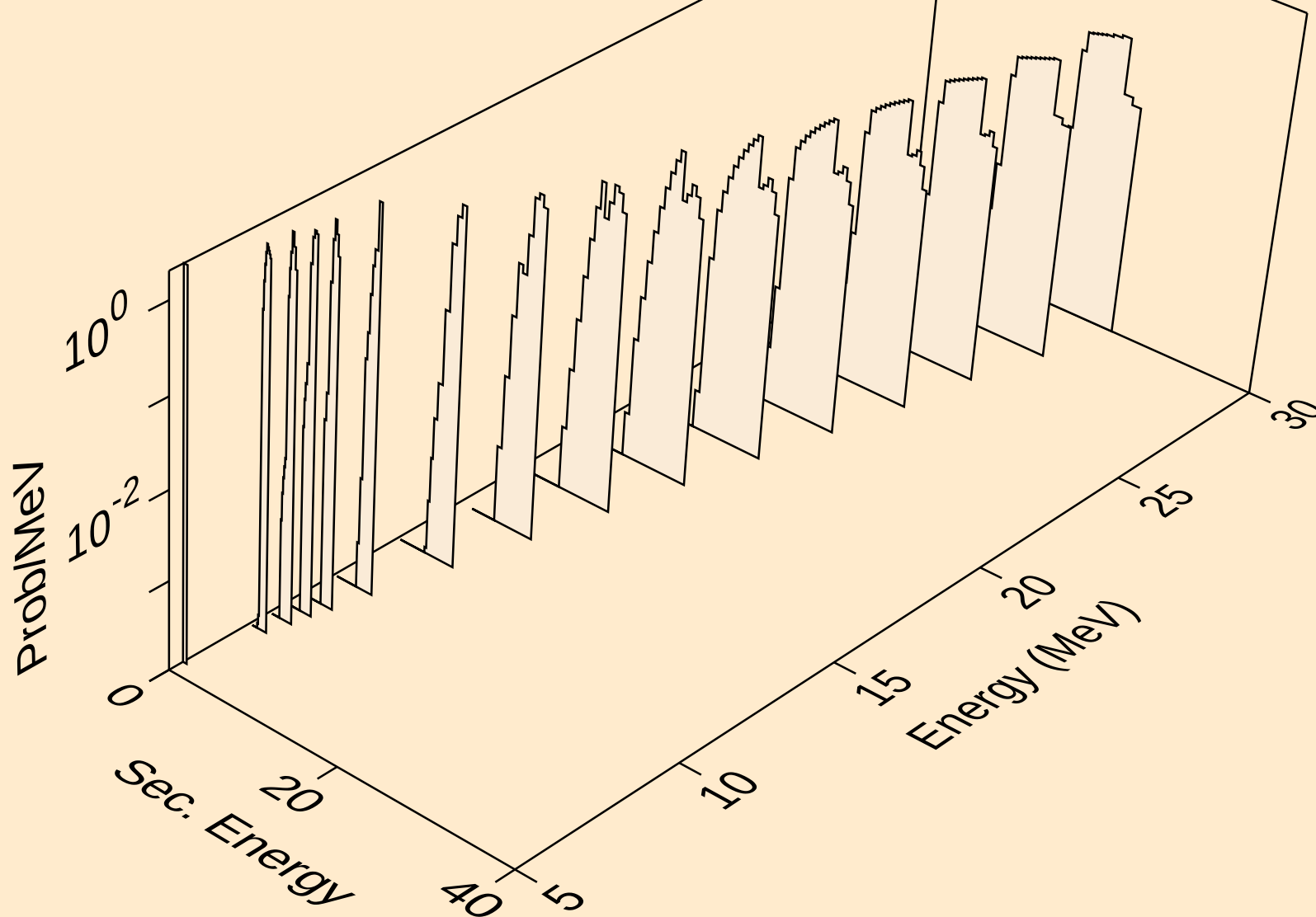
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deuterons from (n,2nd)



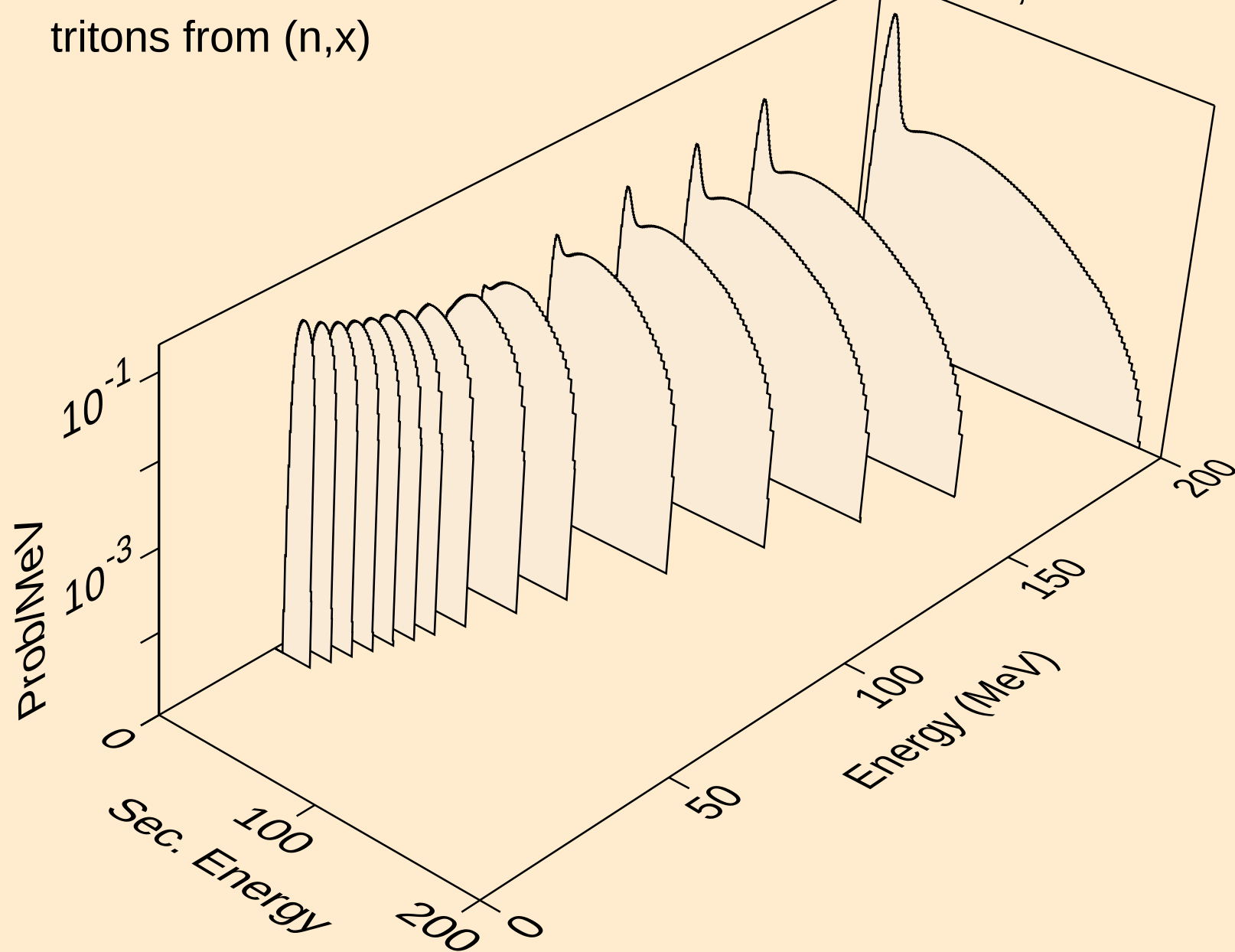
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



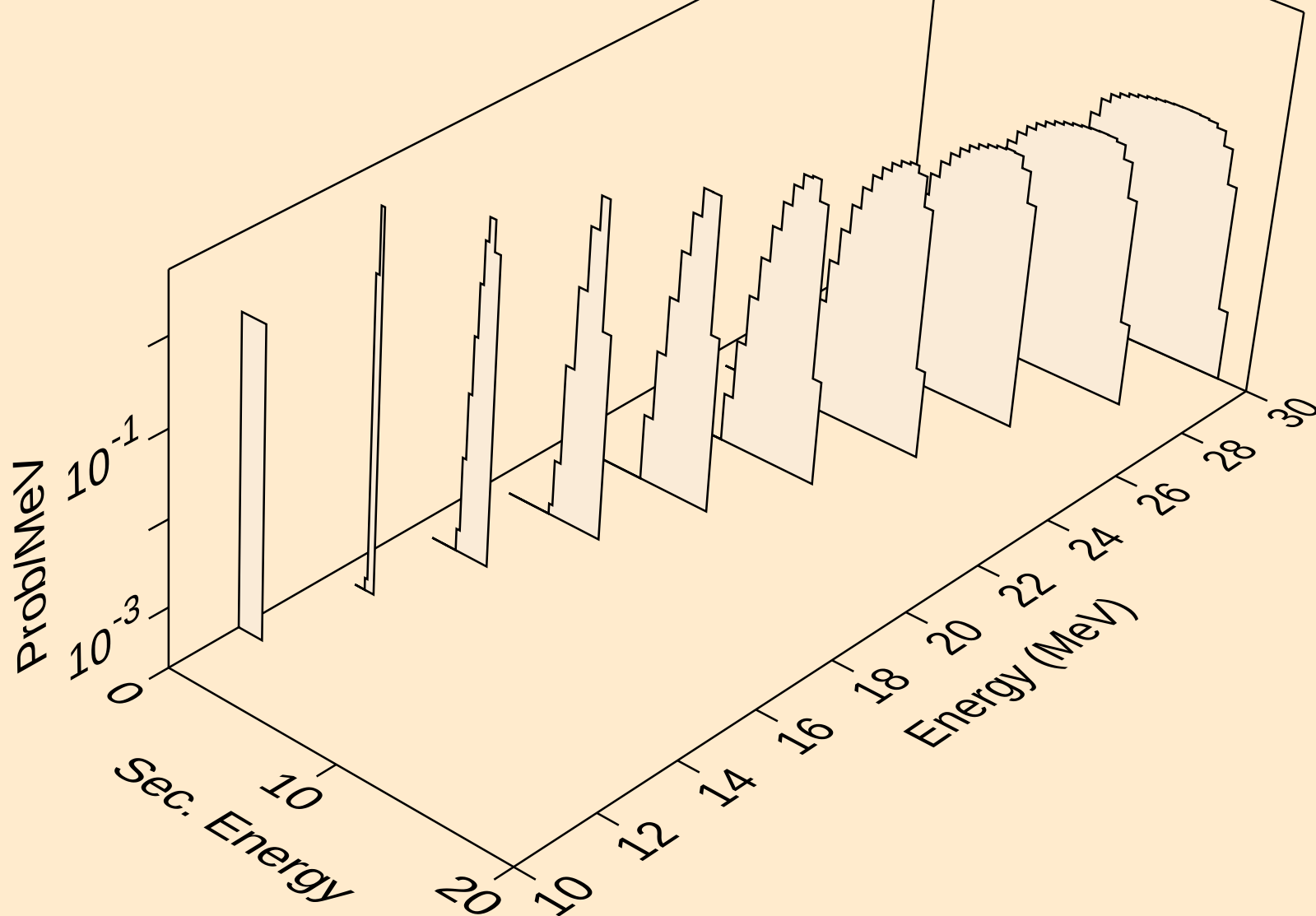
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d)



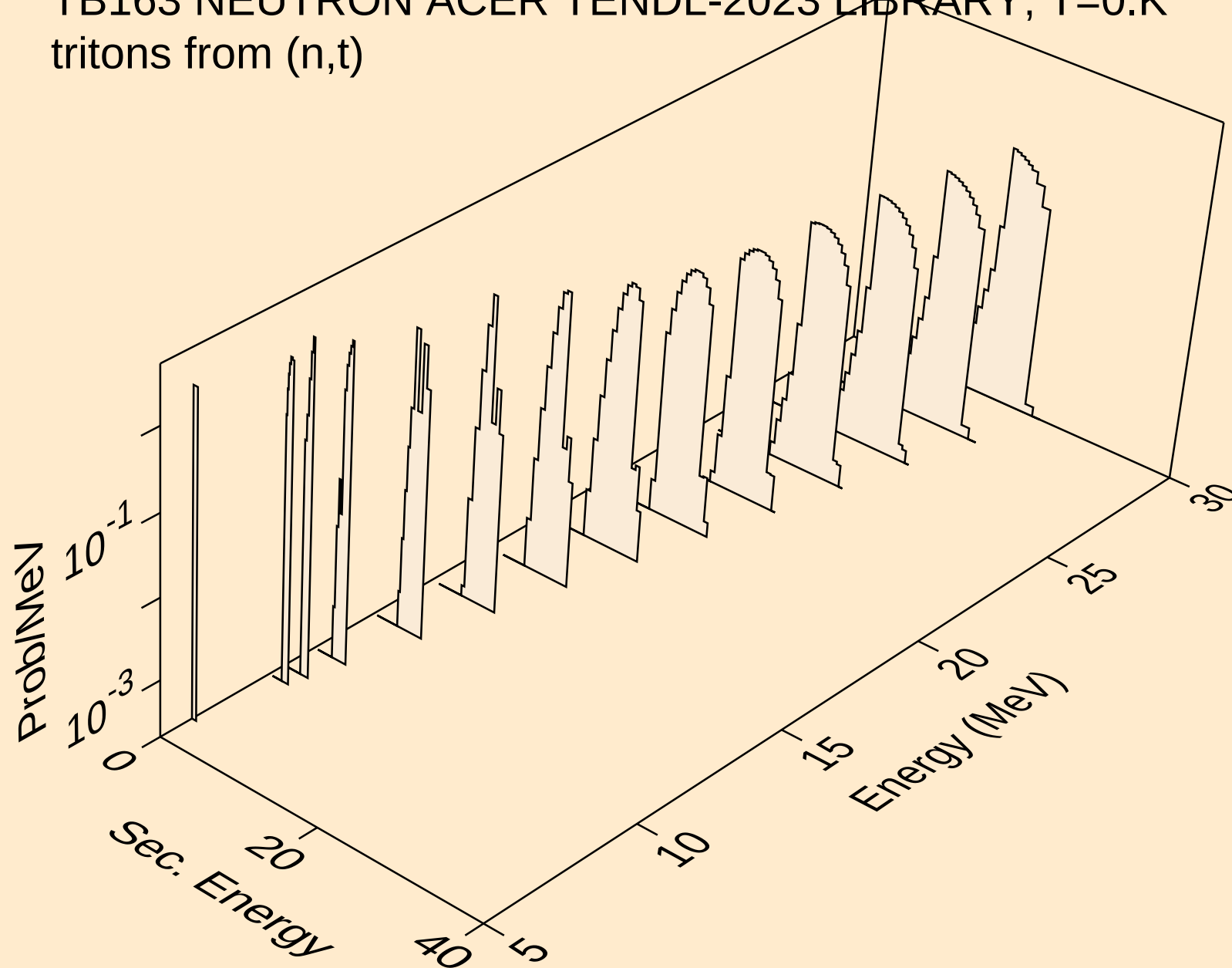
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



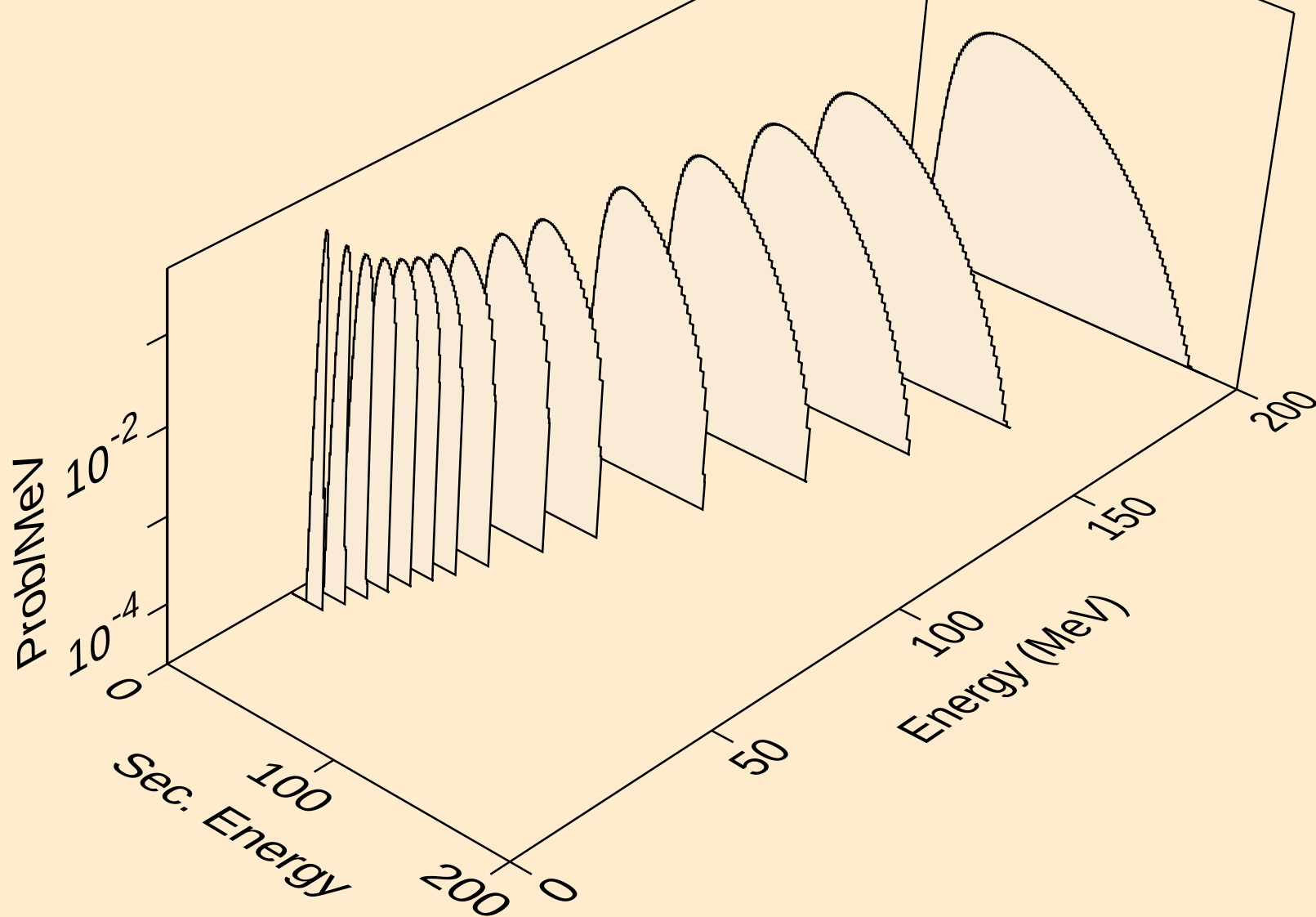
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



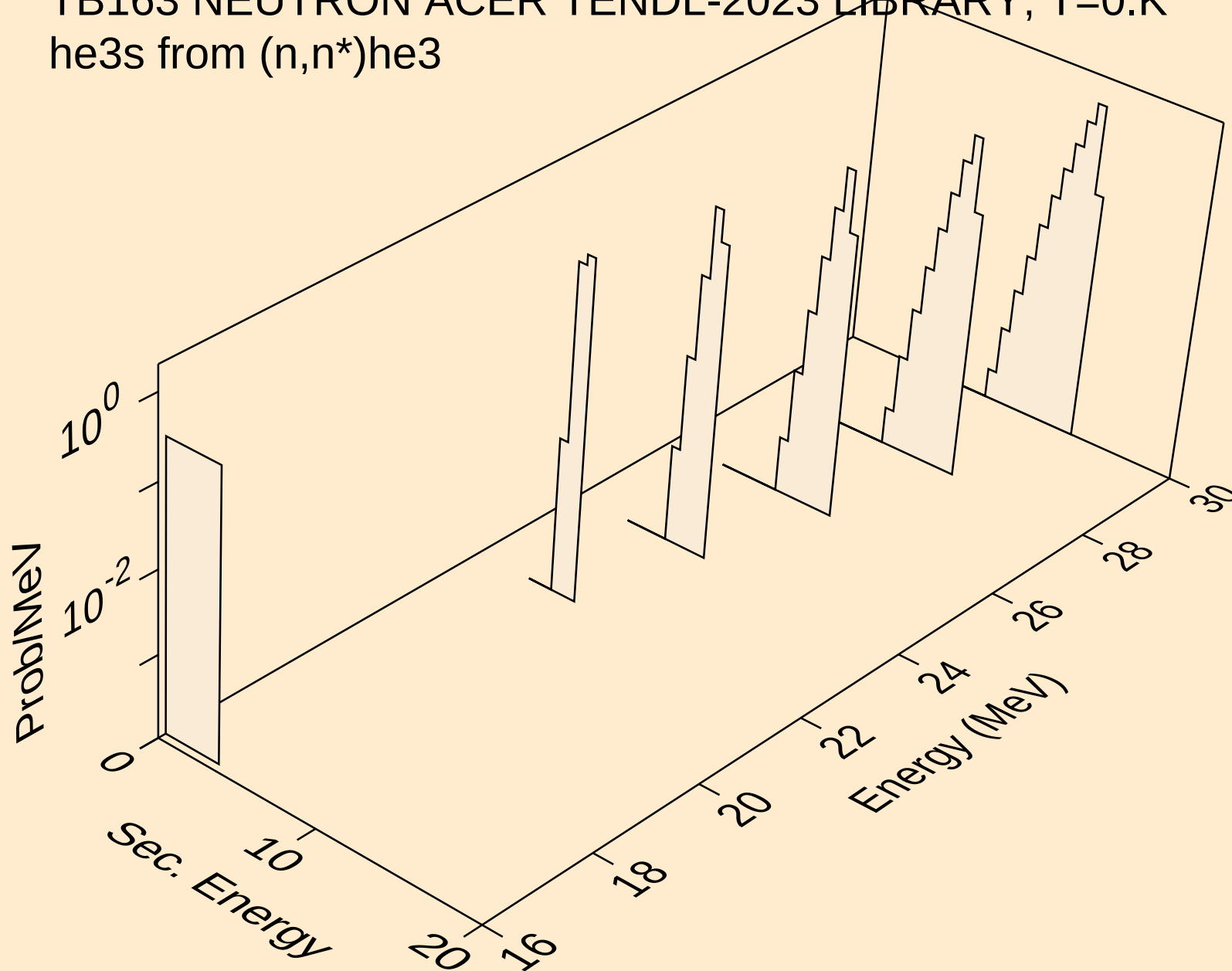
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tritons from (n,t)



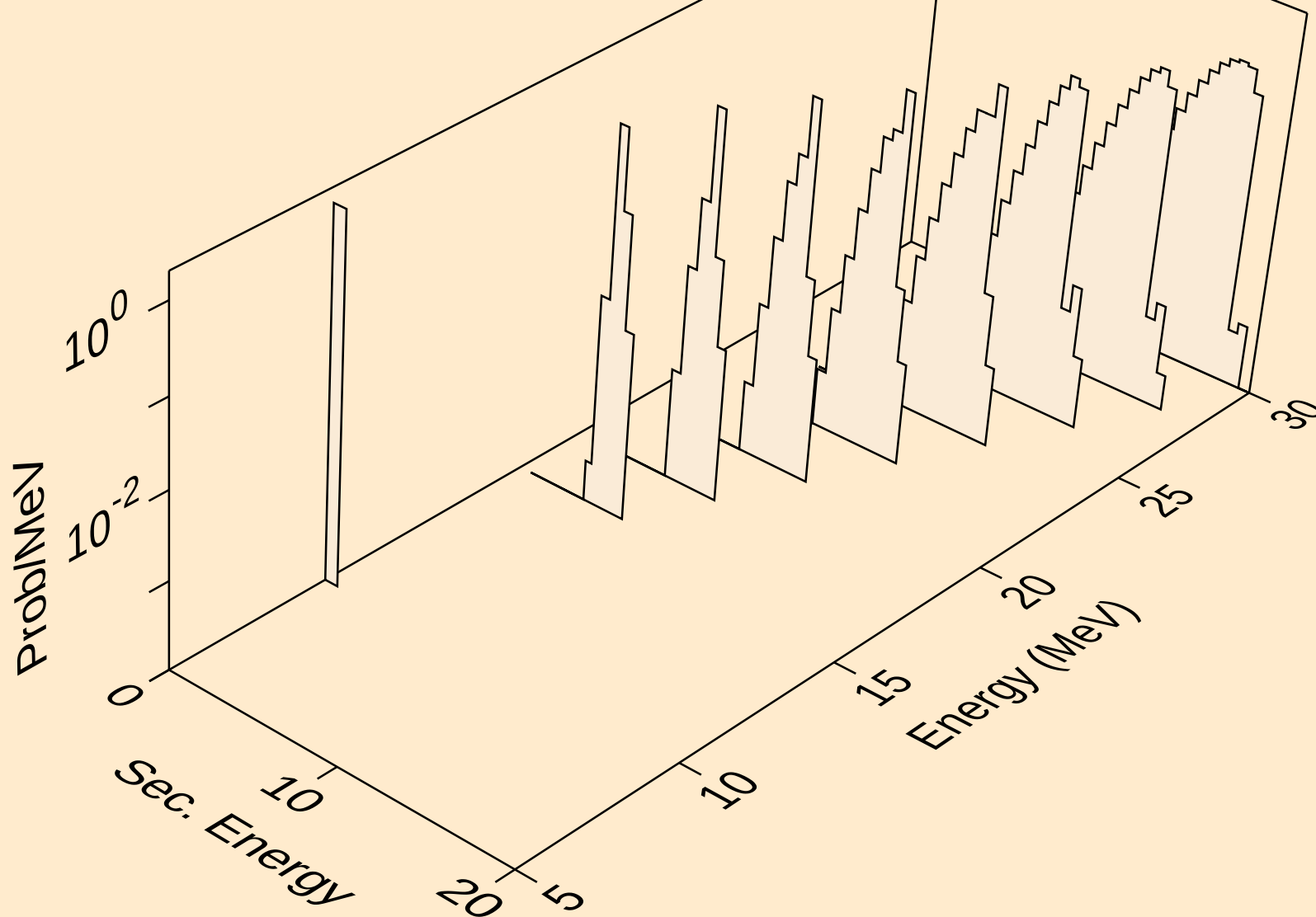
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



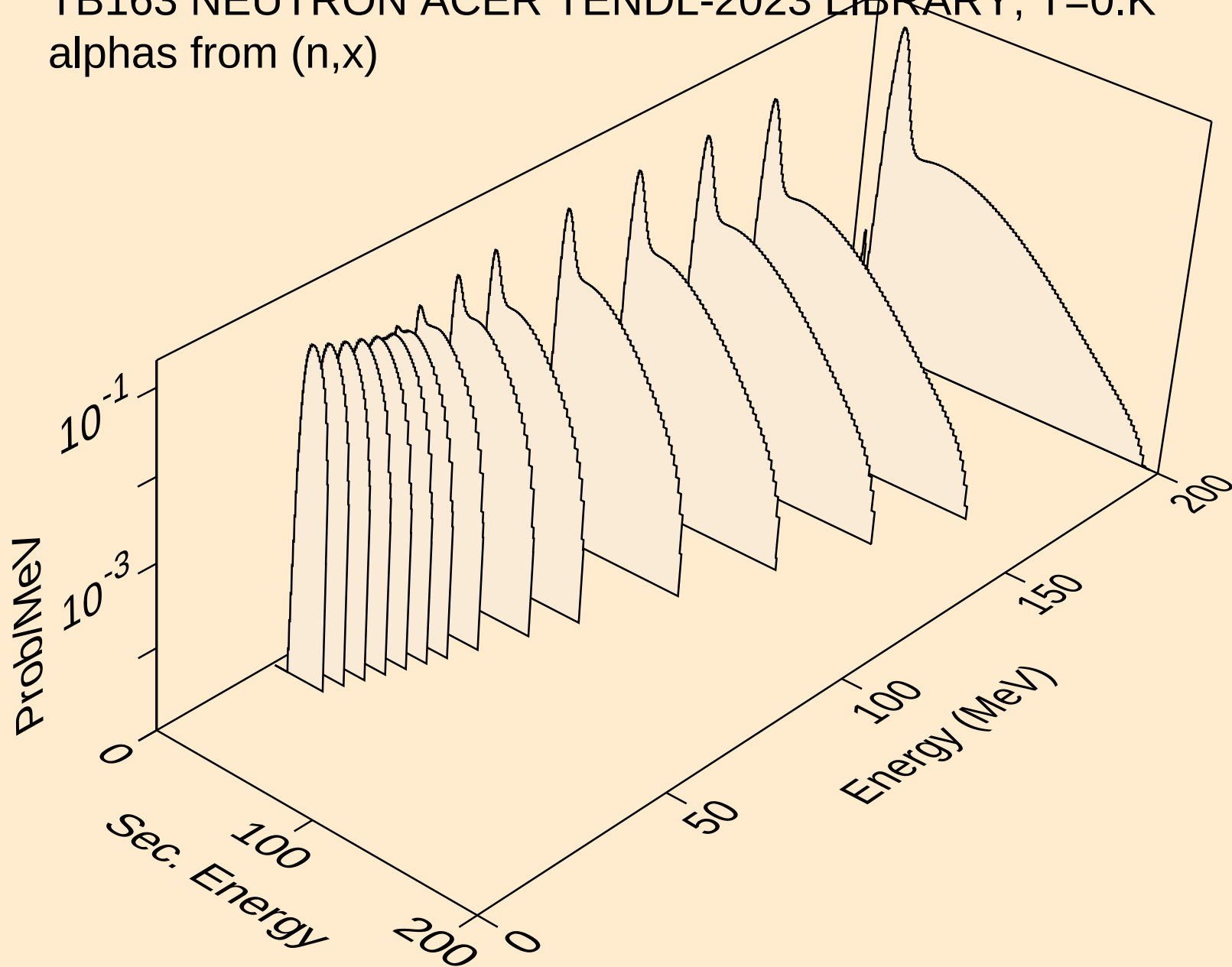
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



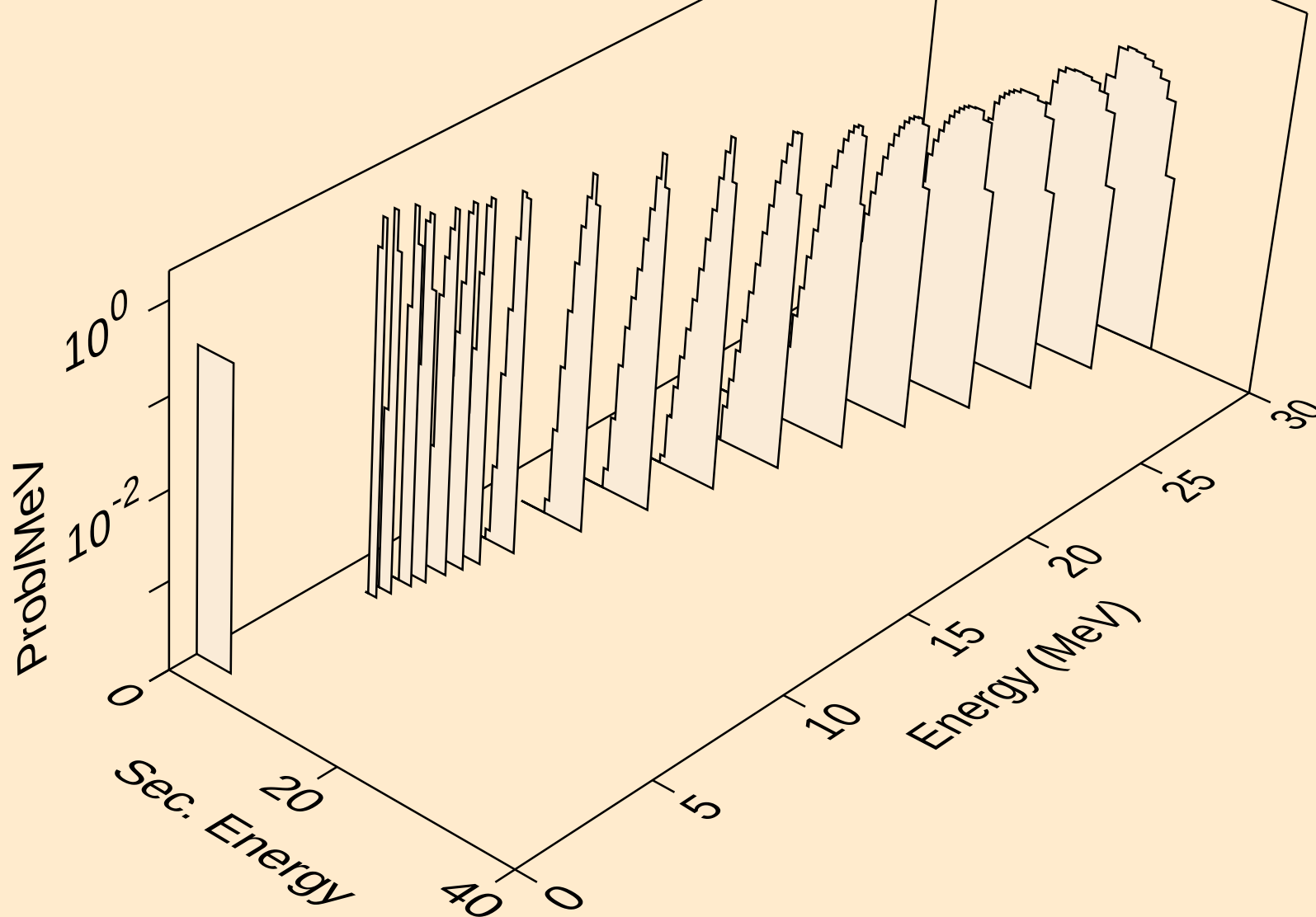
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



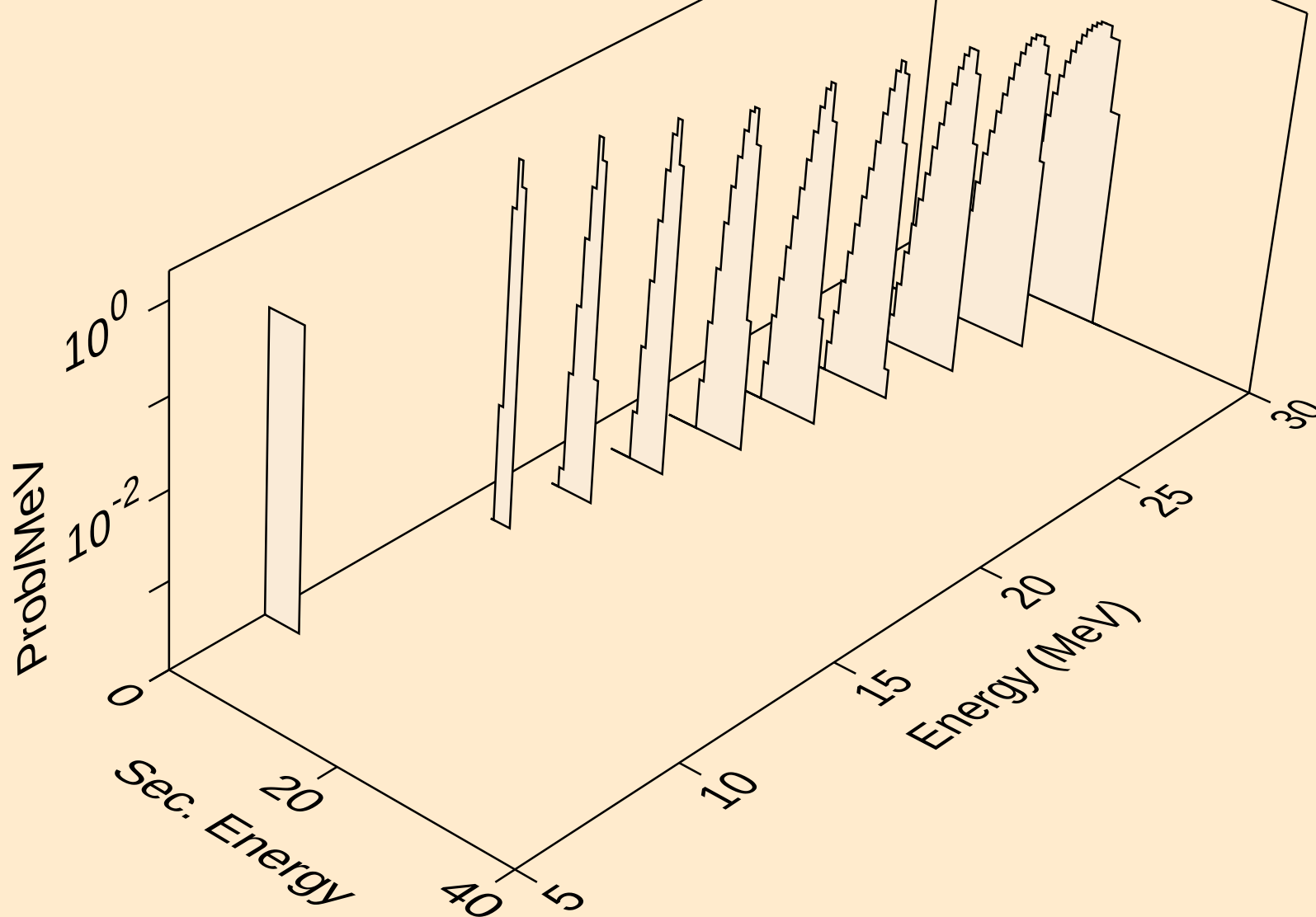
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



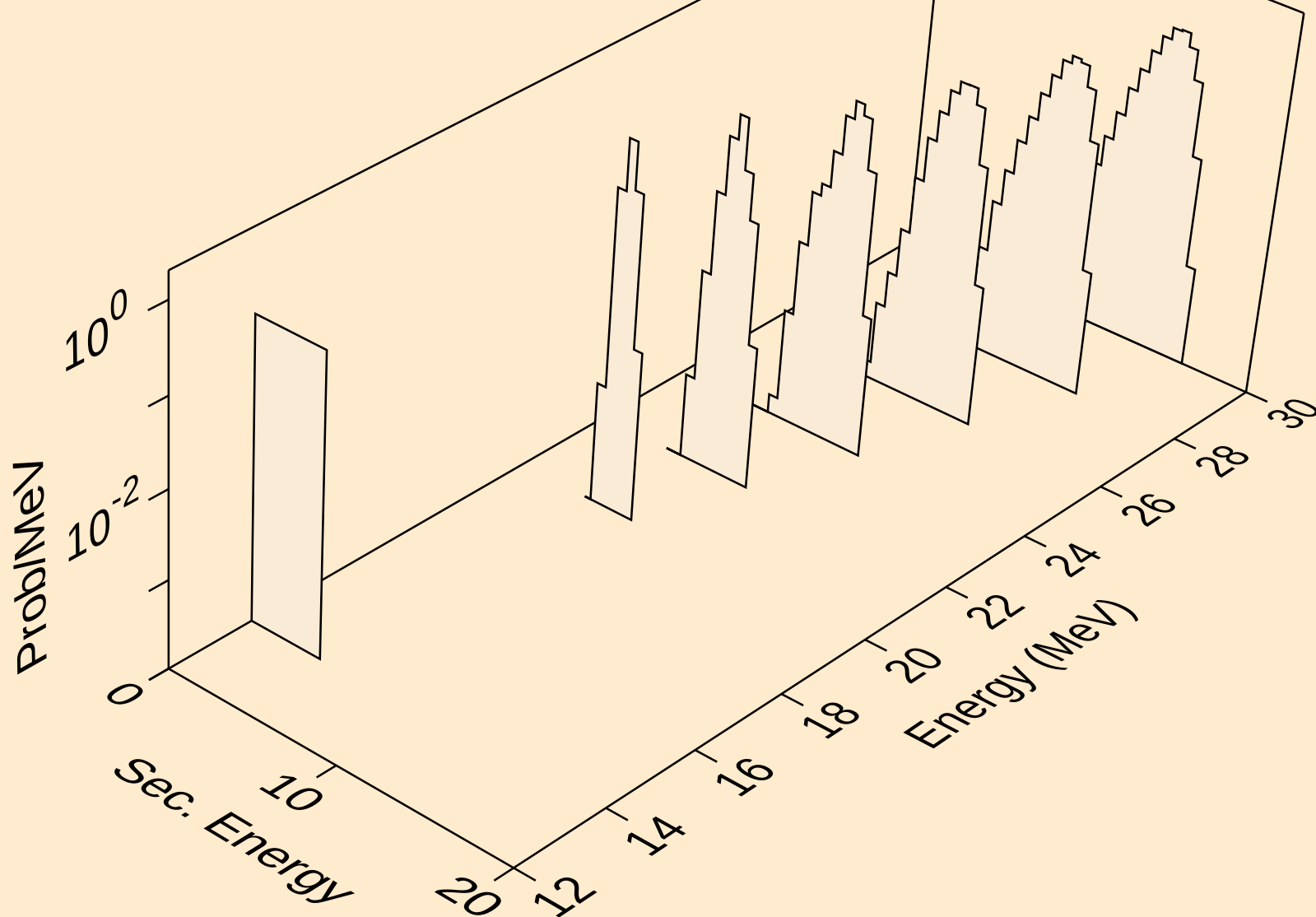
TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



TB163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)

