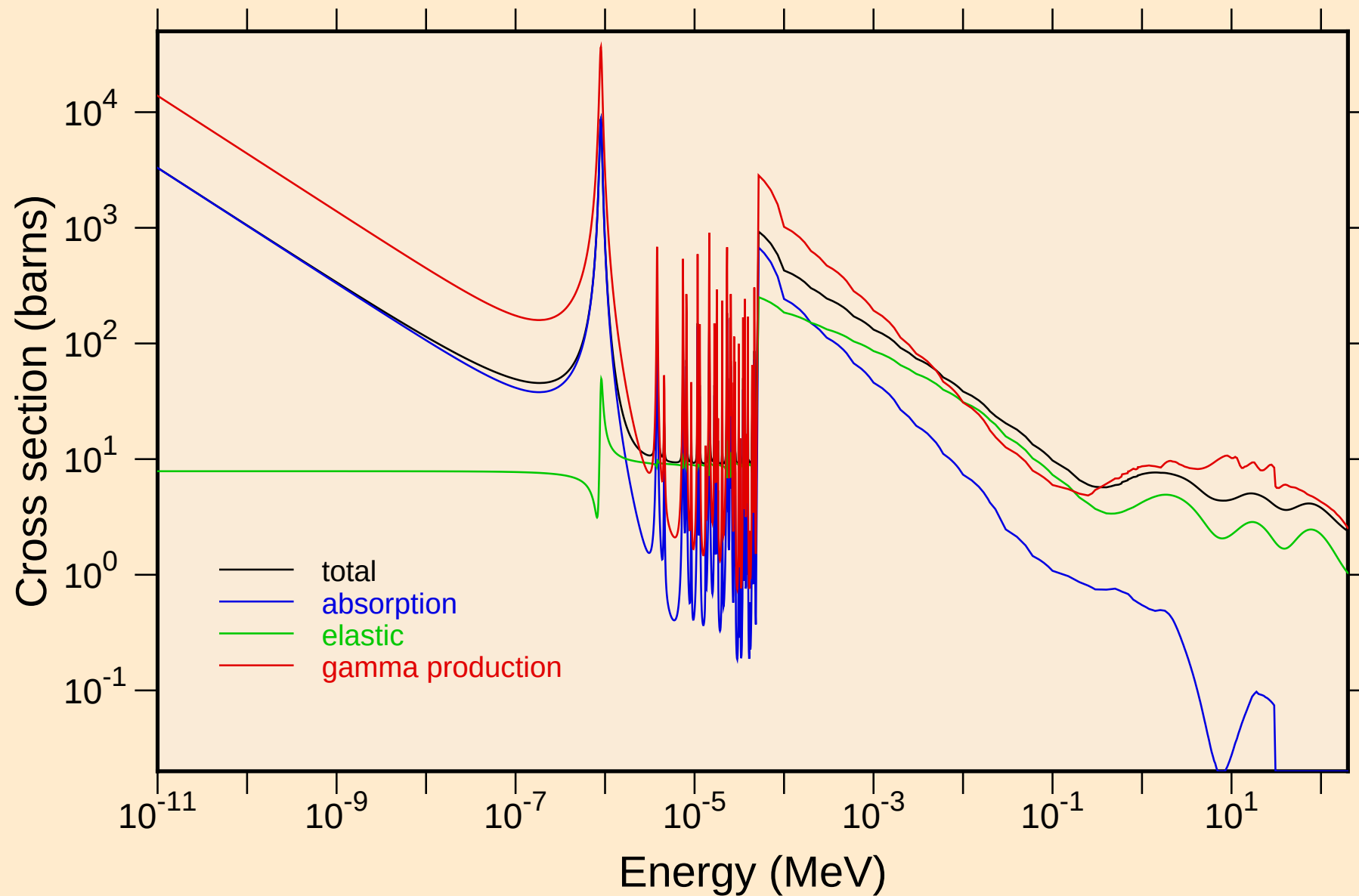
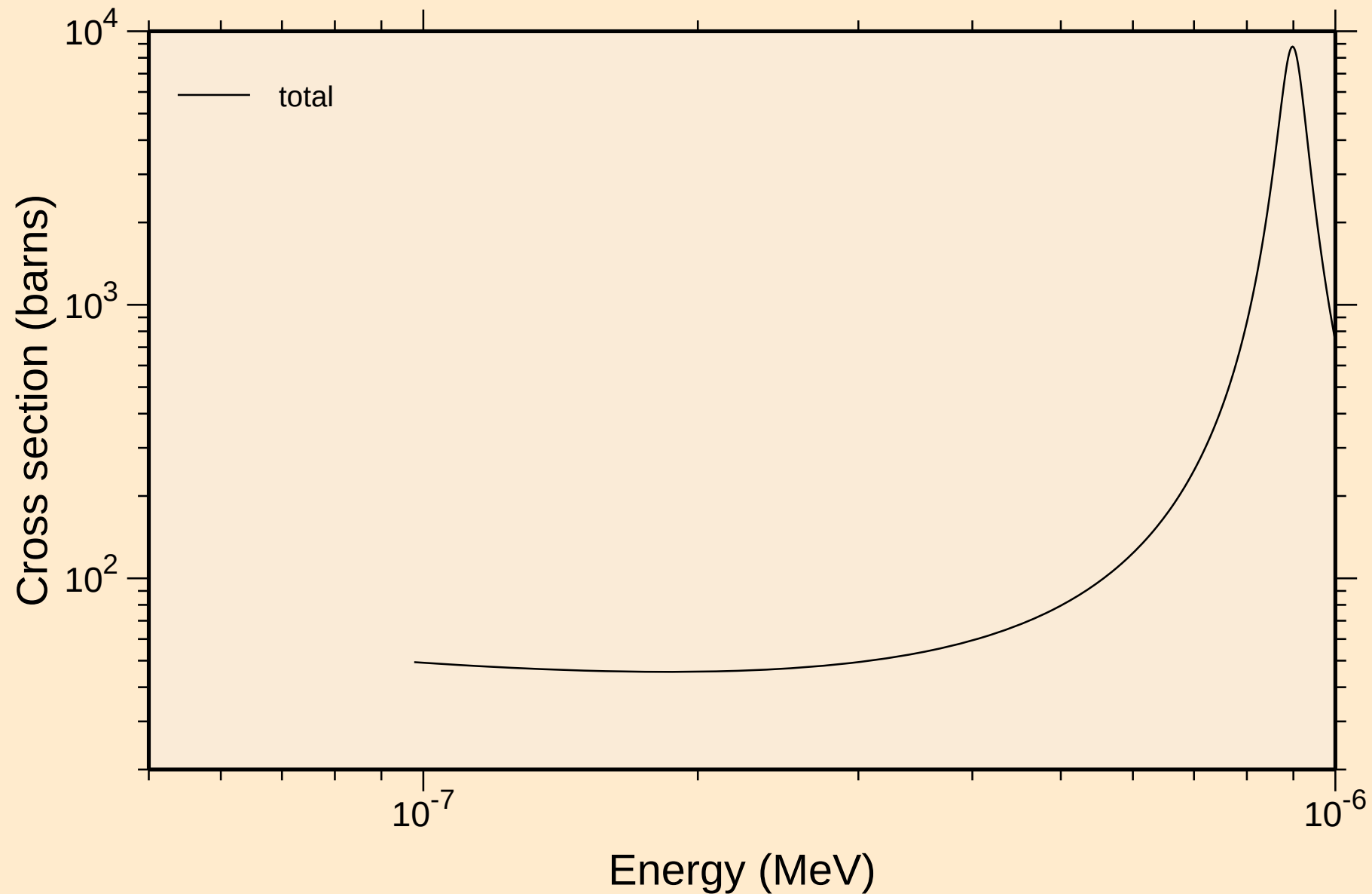


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

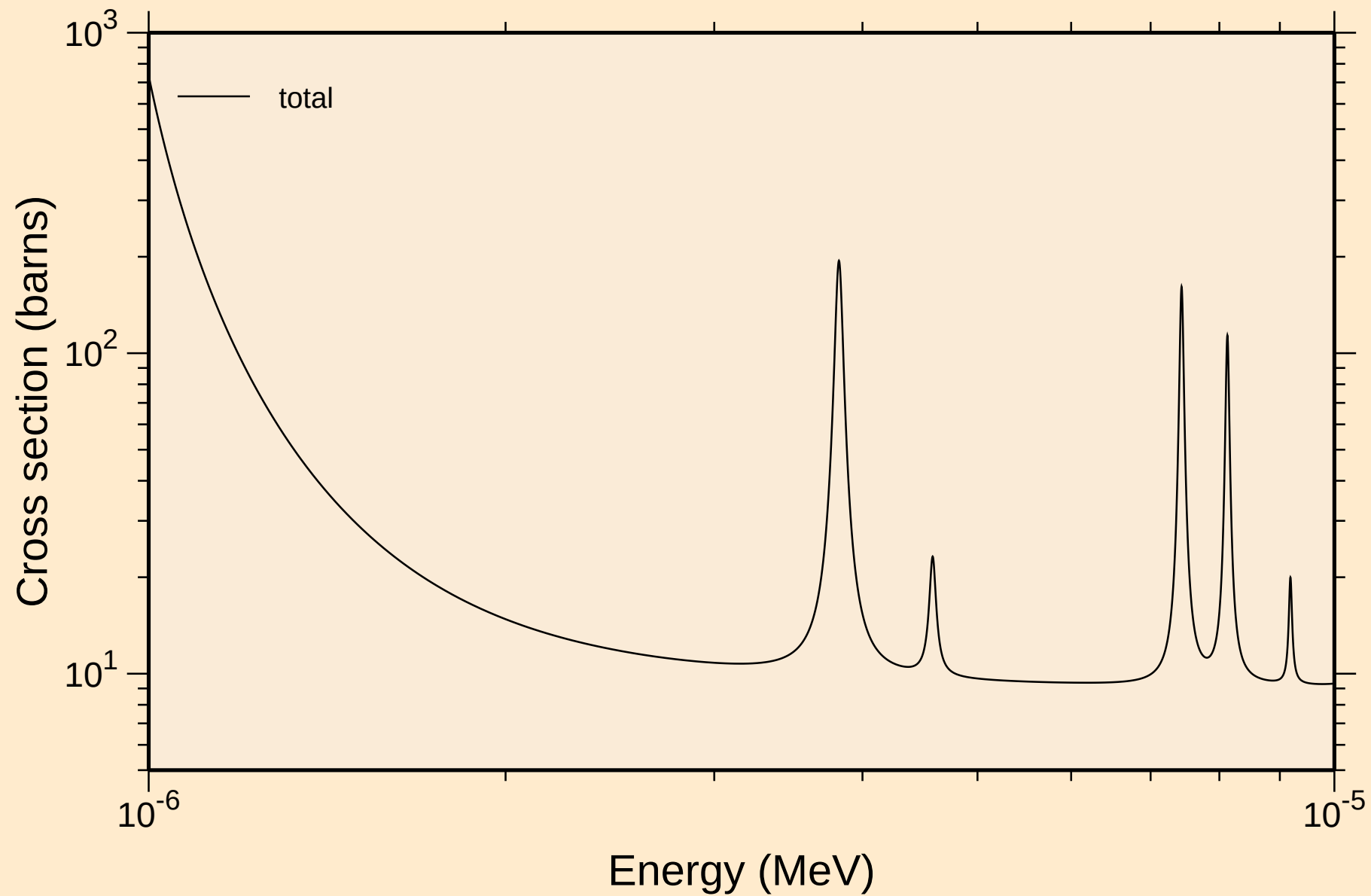
Principal cross sections



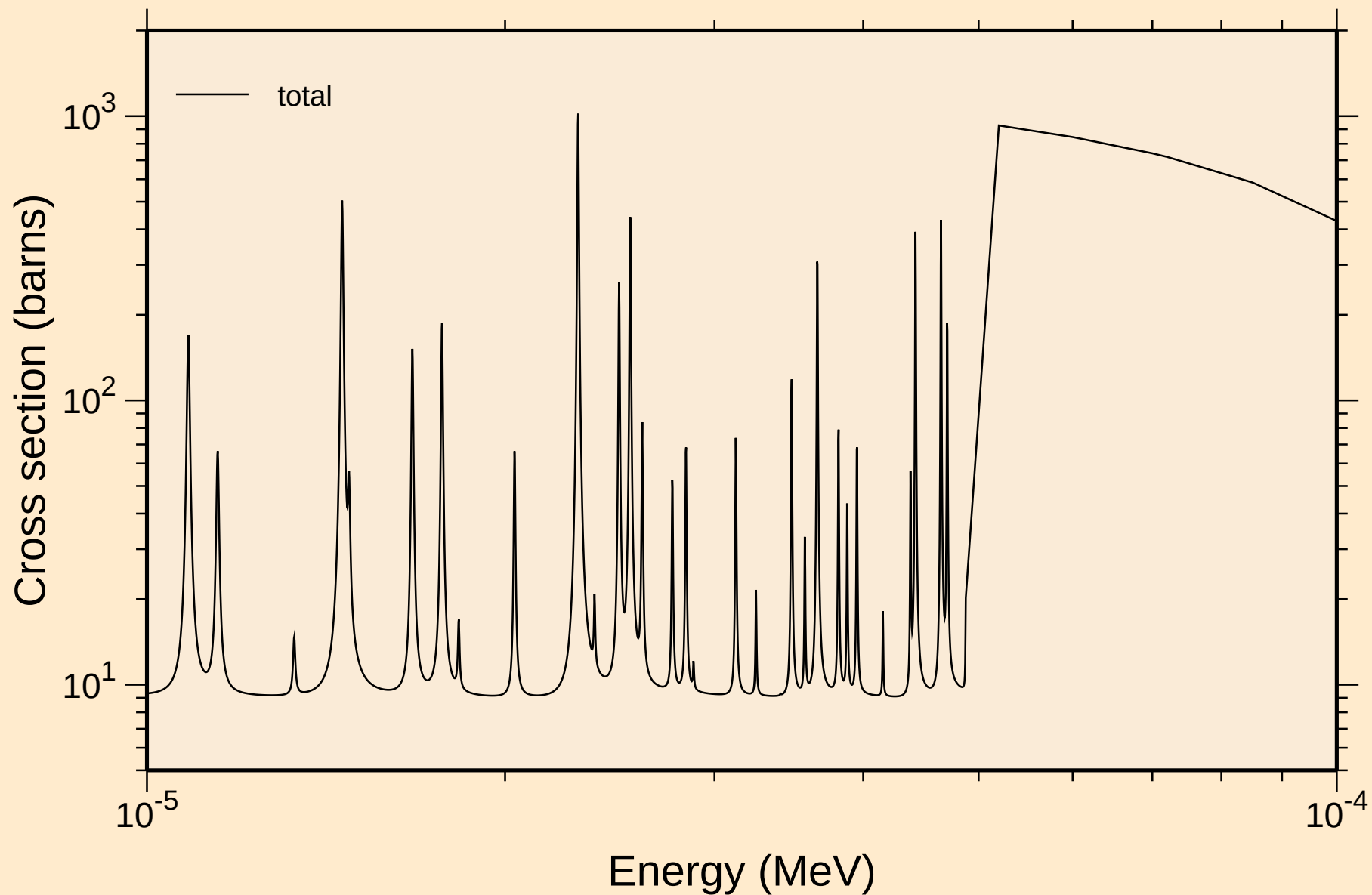
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



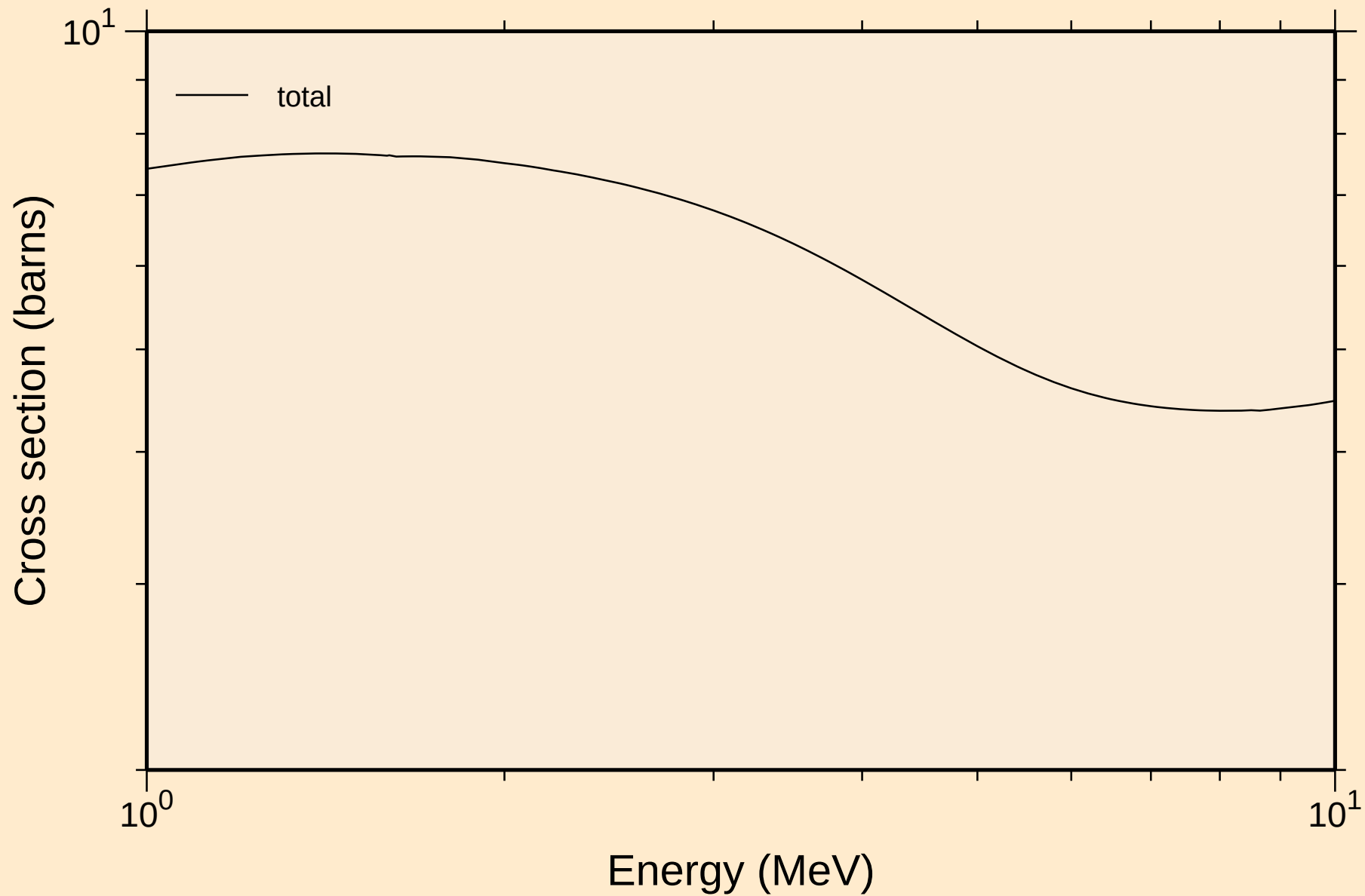
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



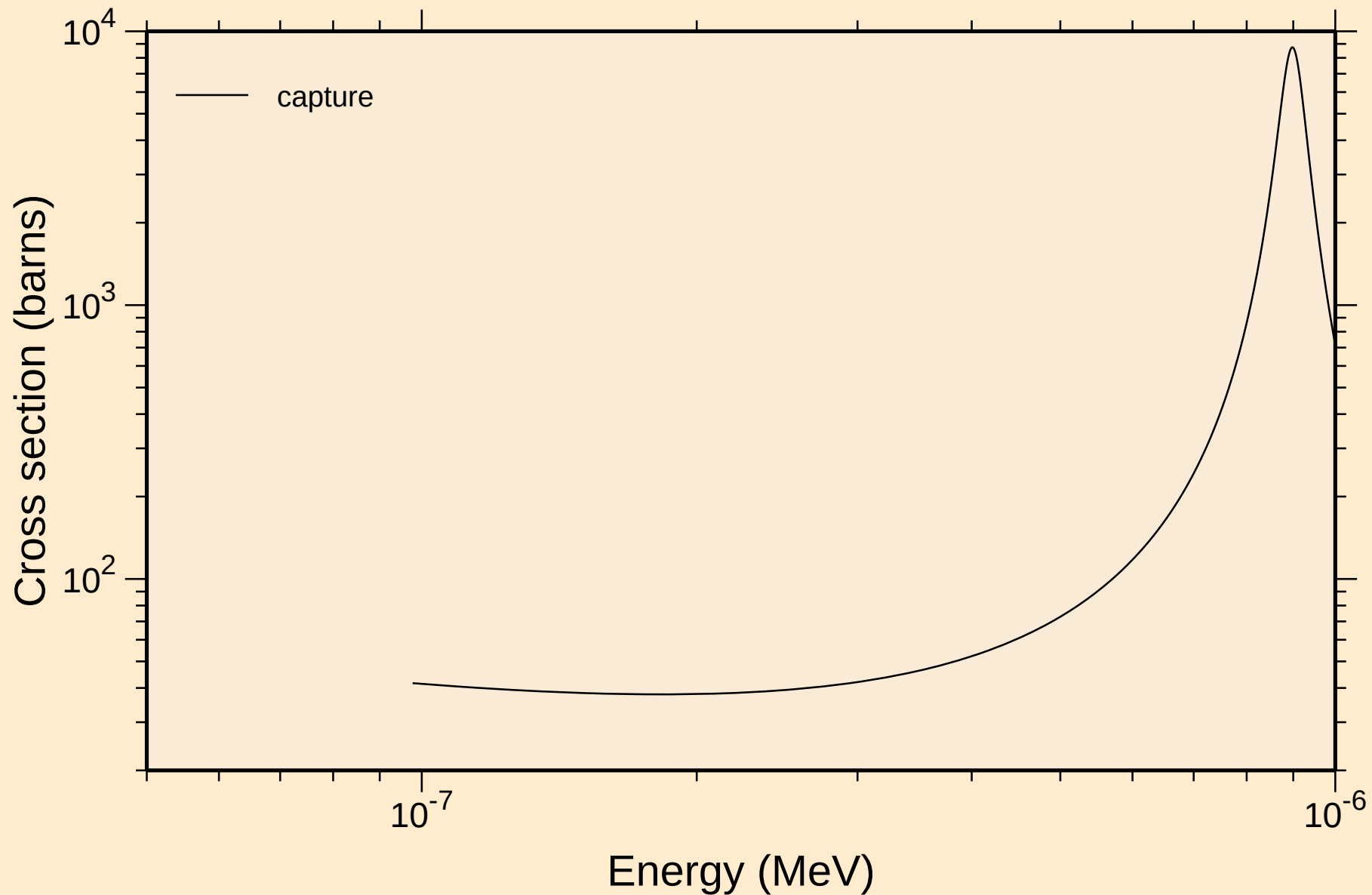
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



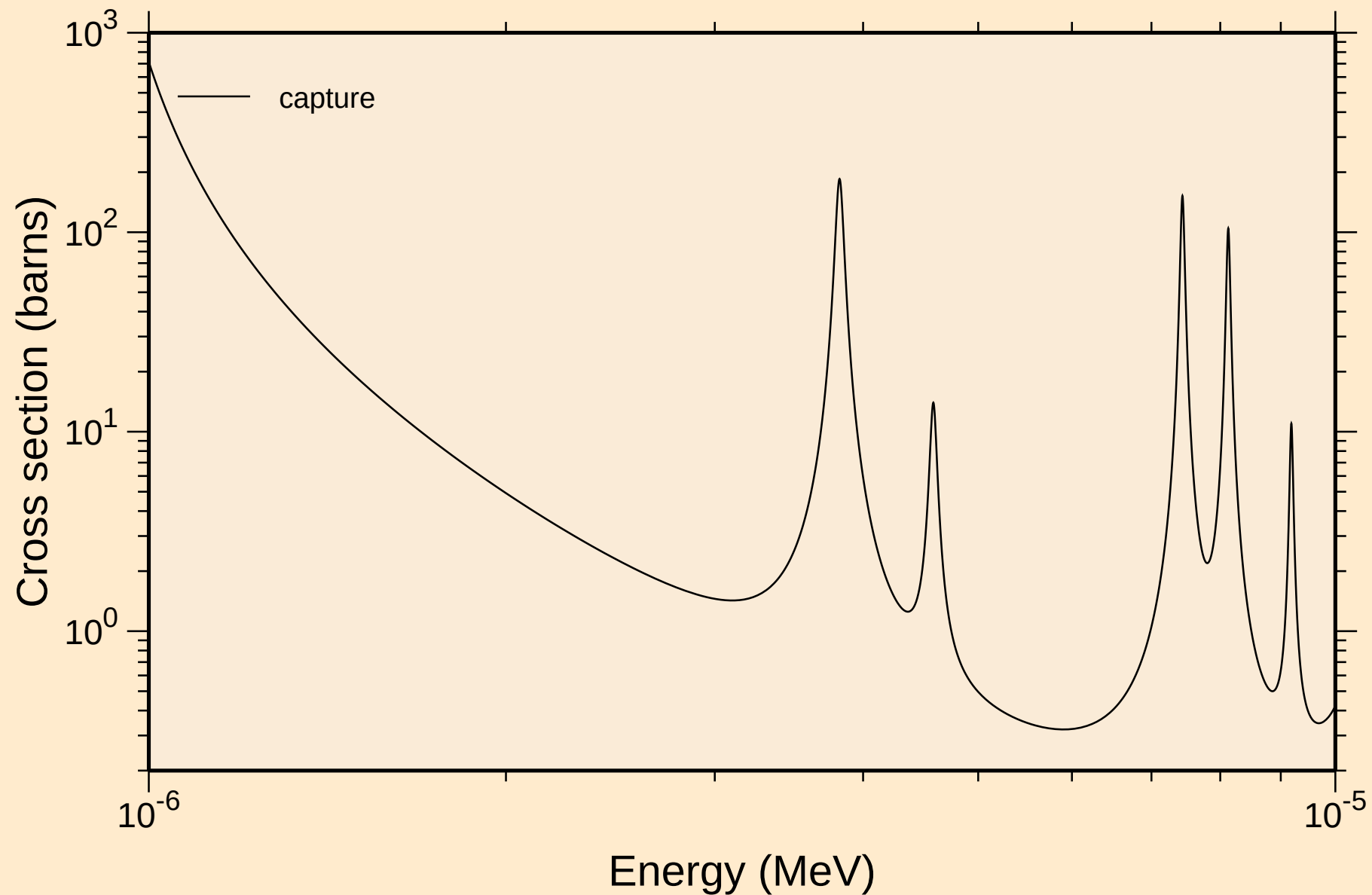
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



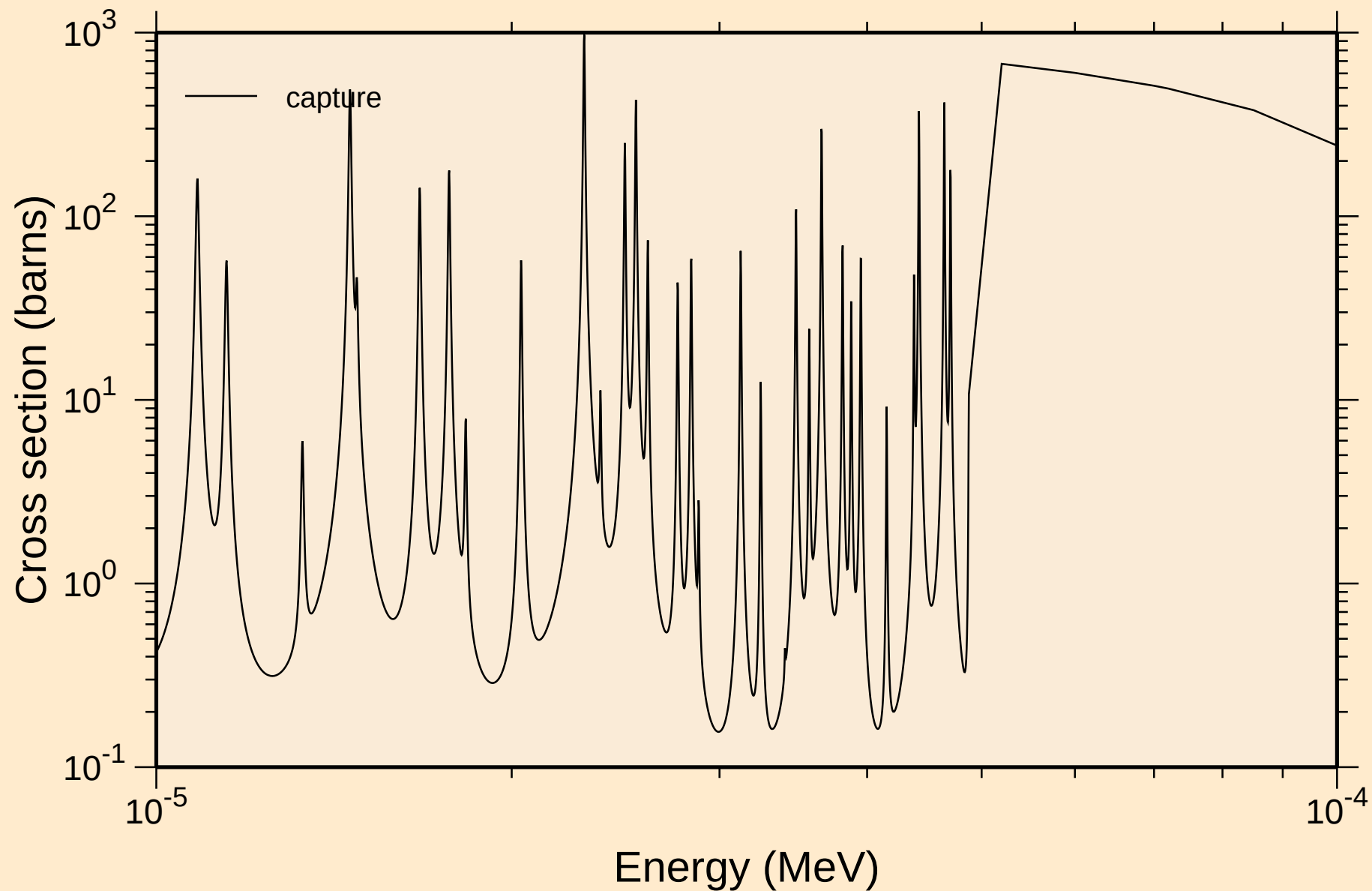
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



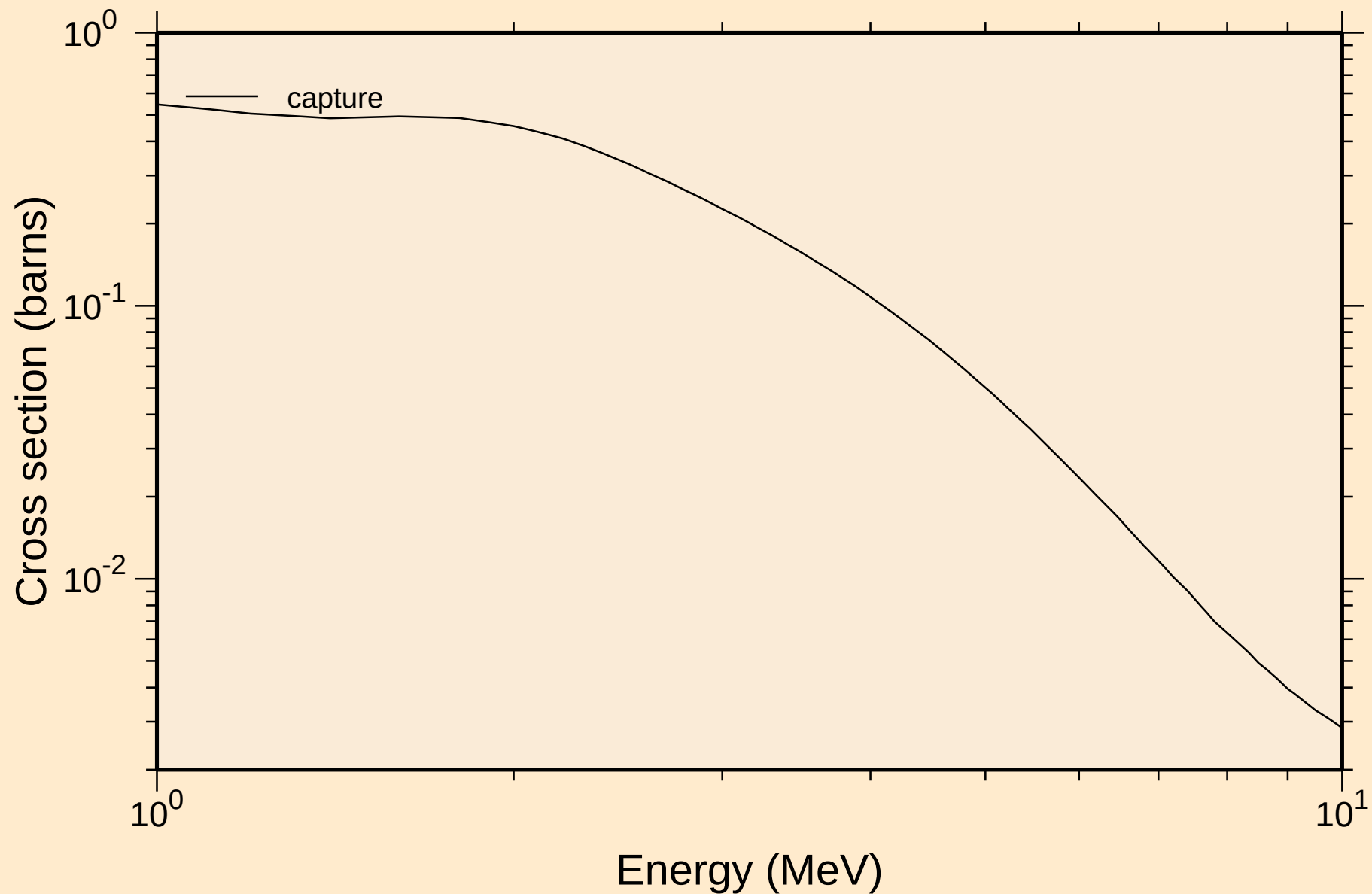
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections

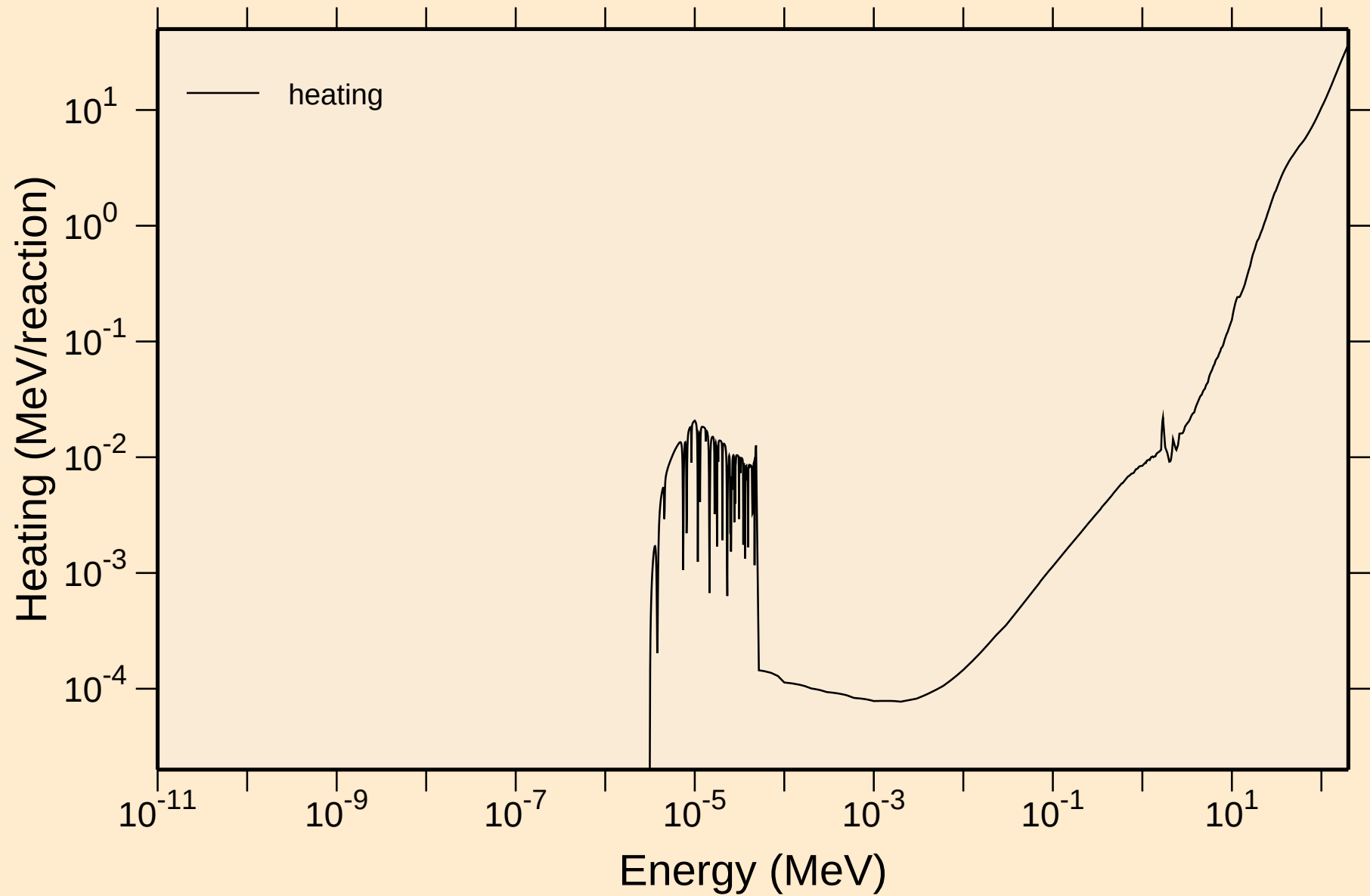


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



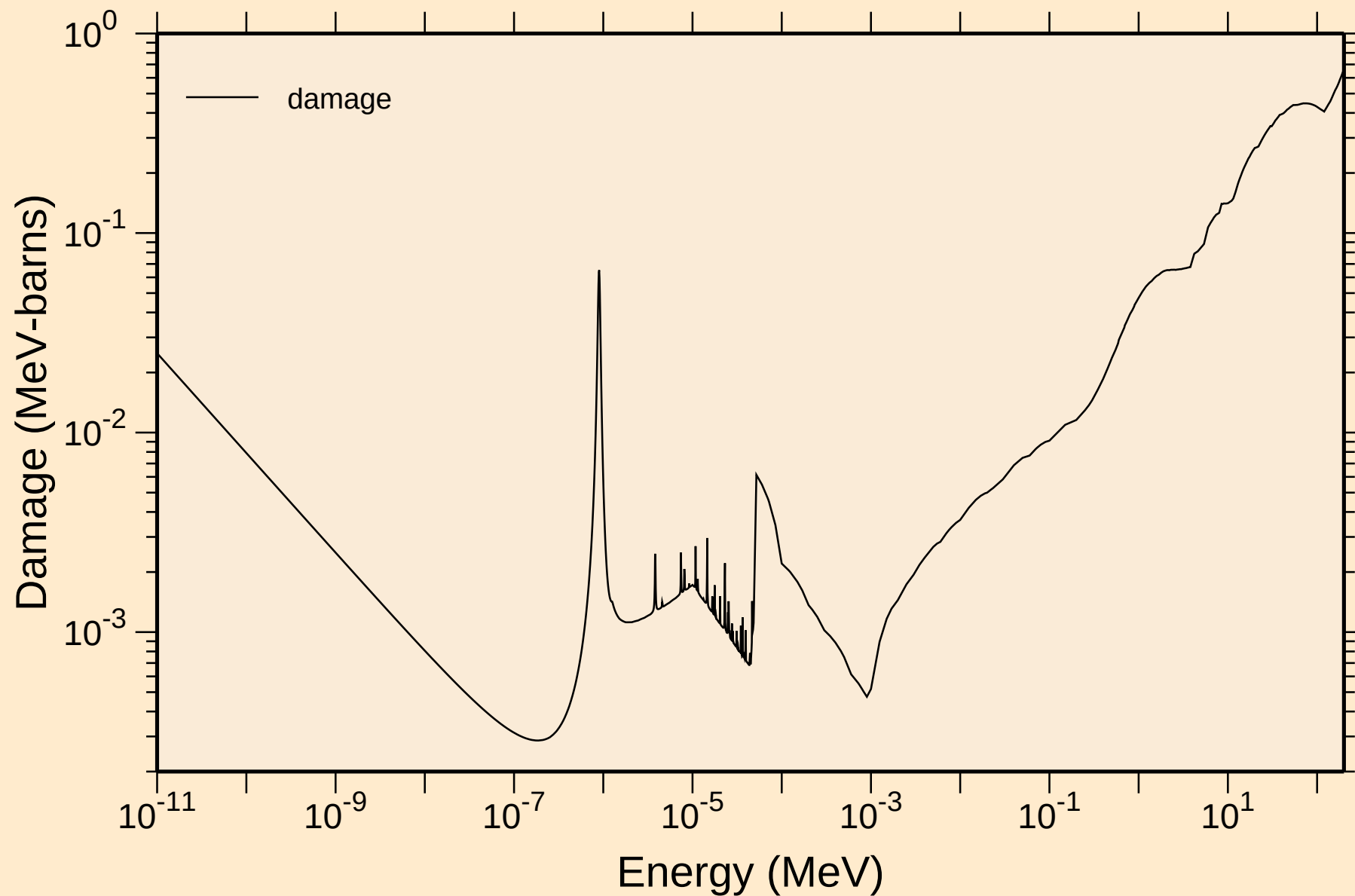
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

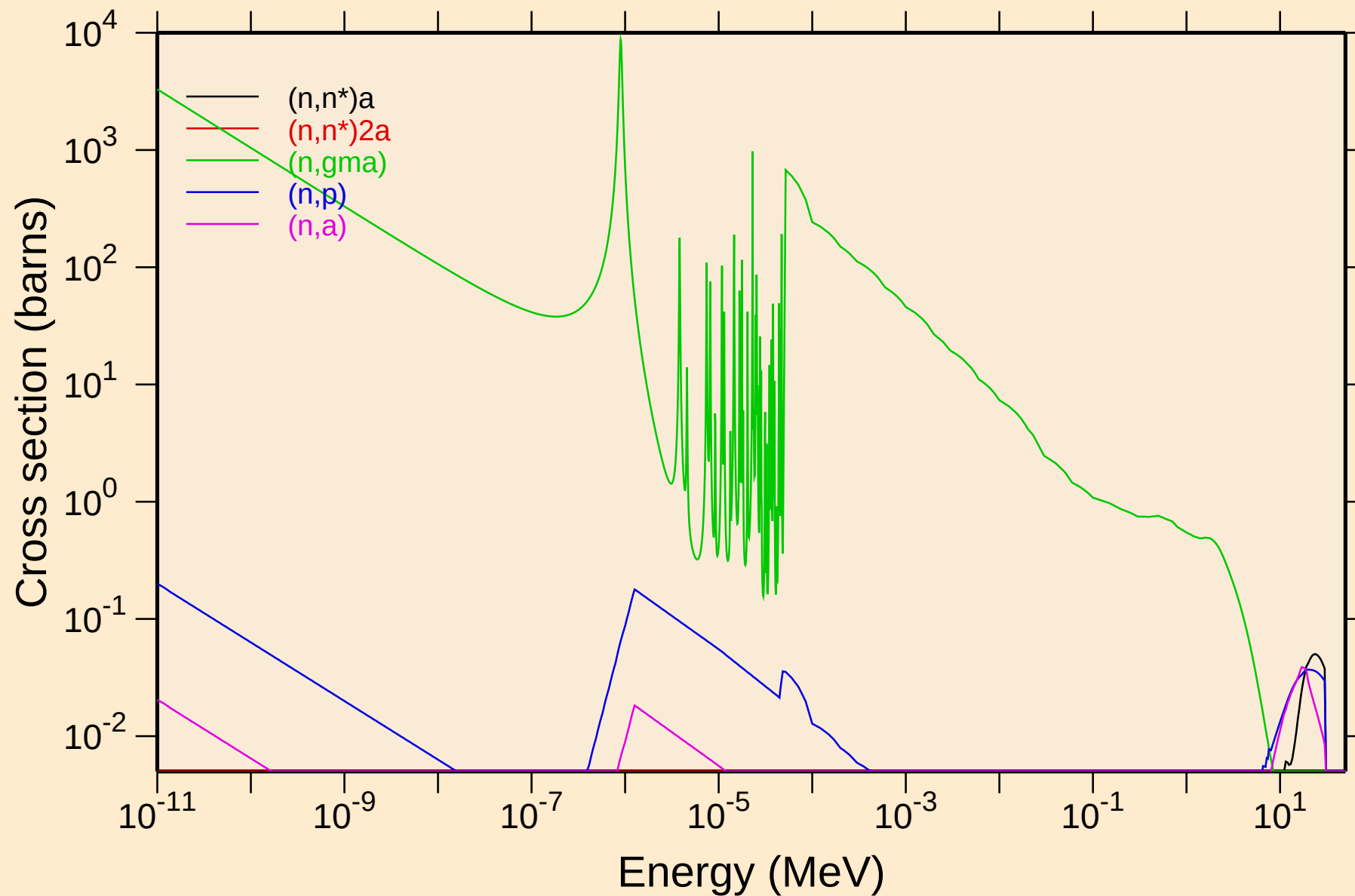


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

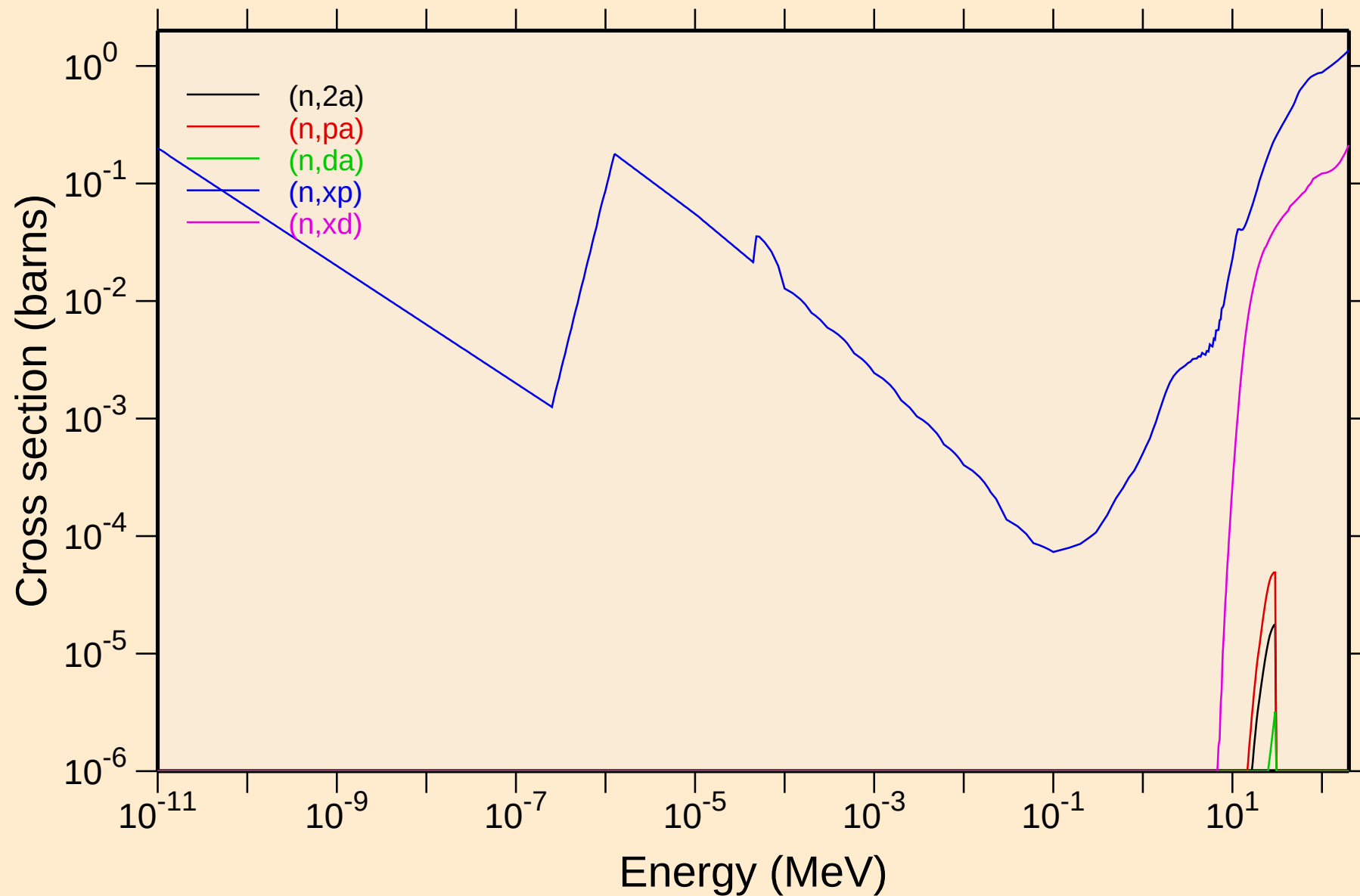
Damage



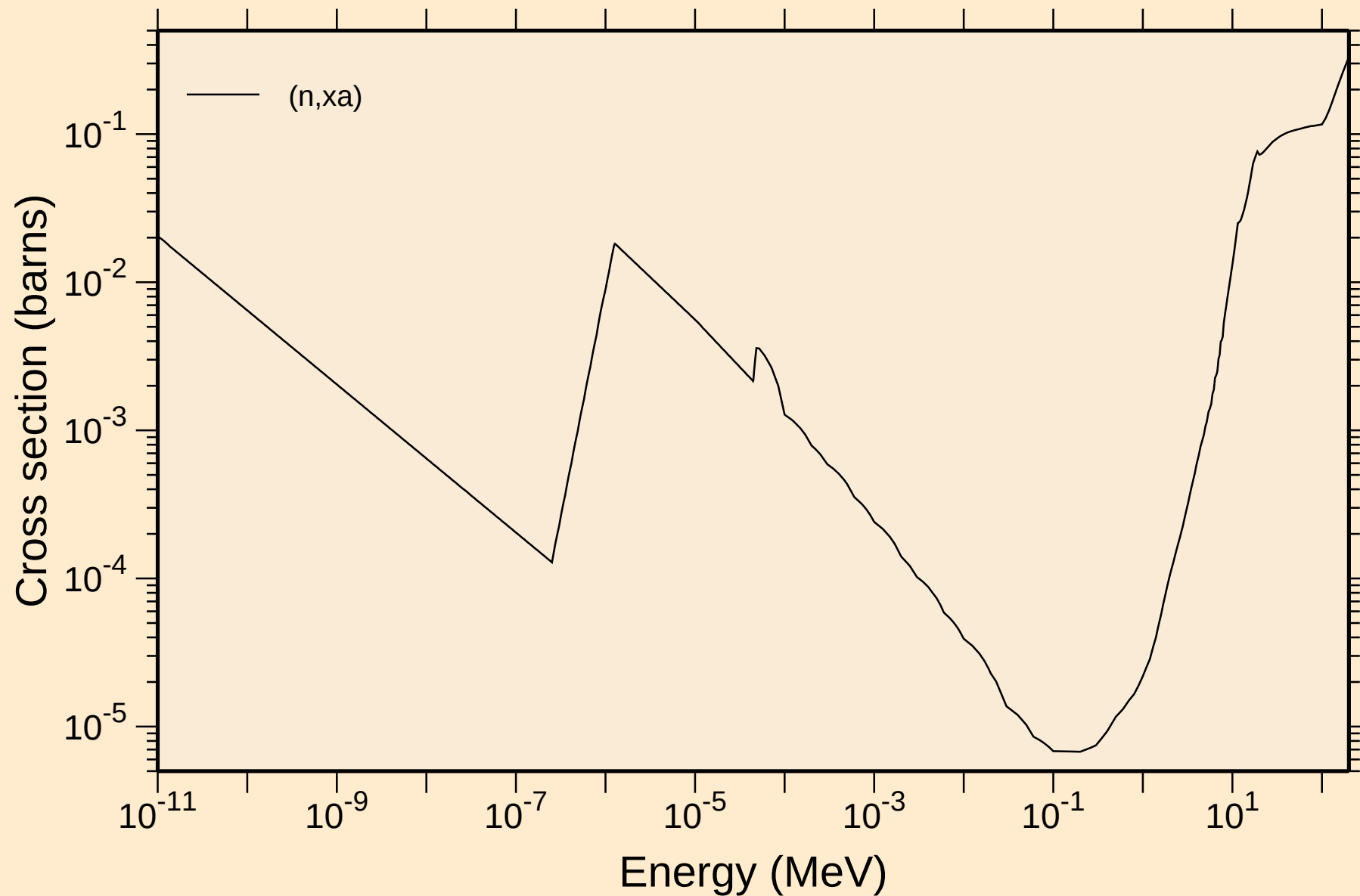
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

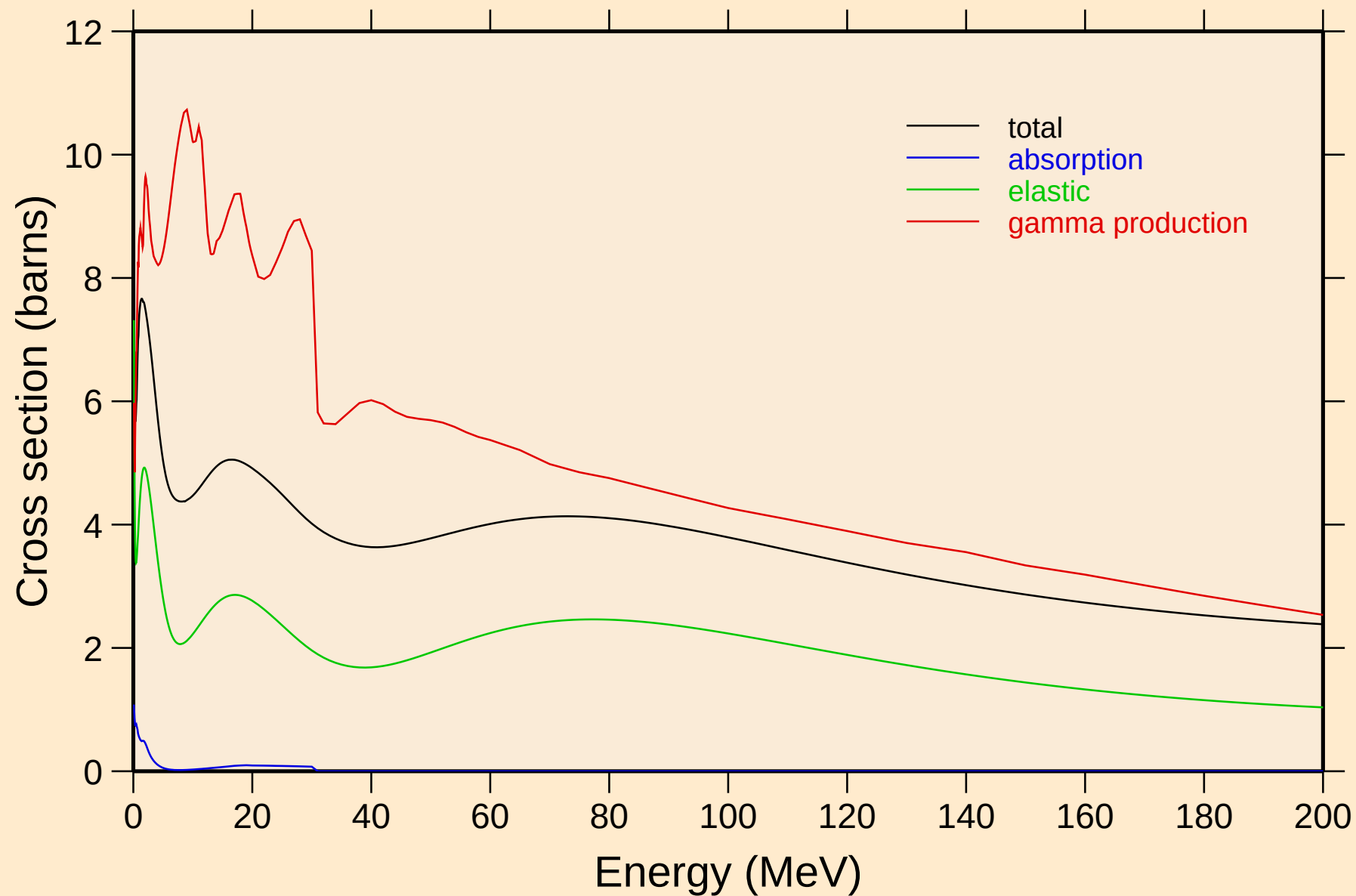


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



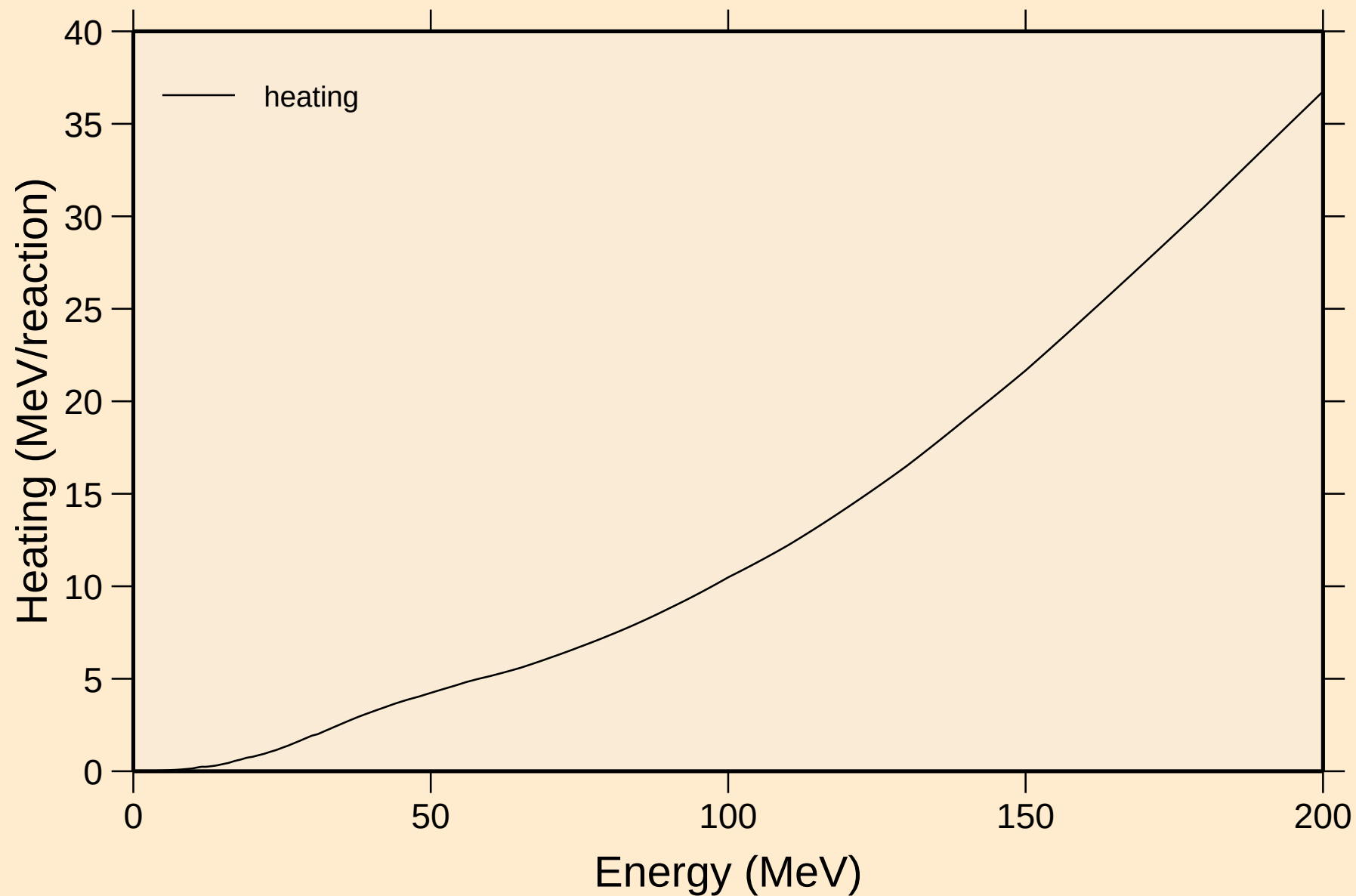
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



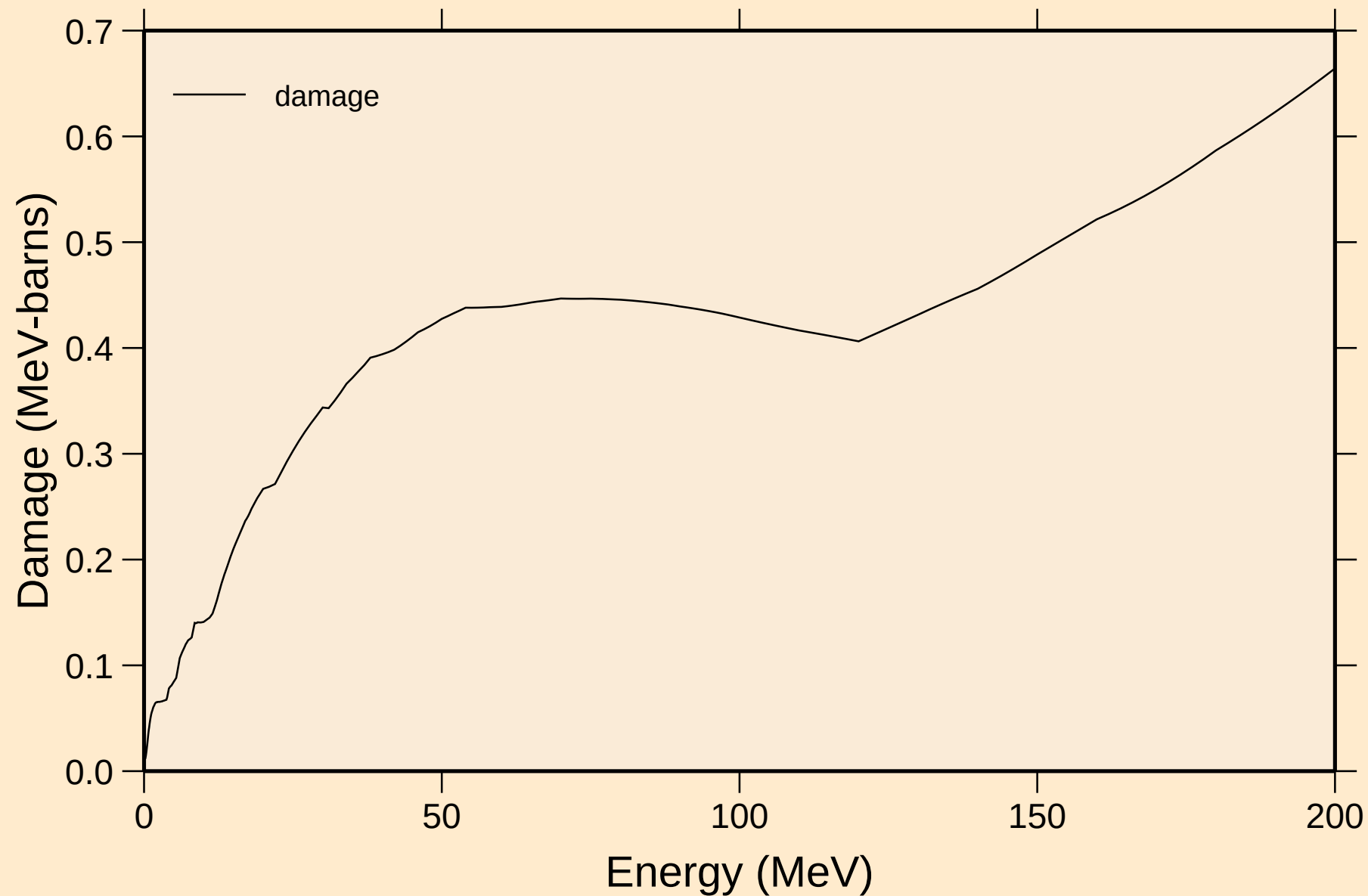
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Heating

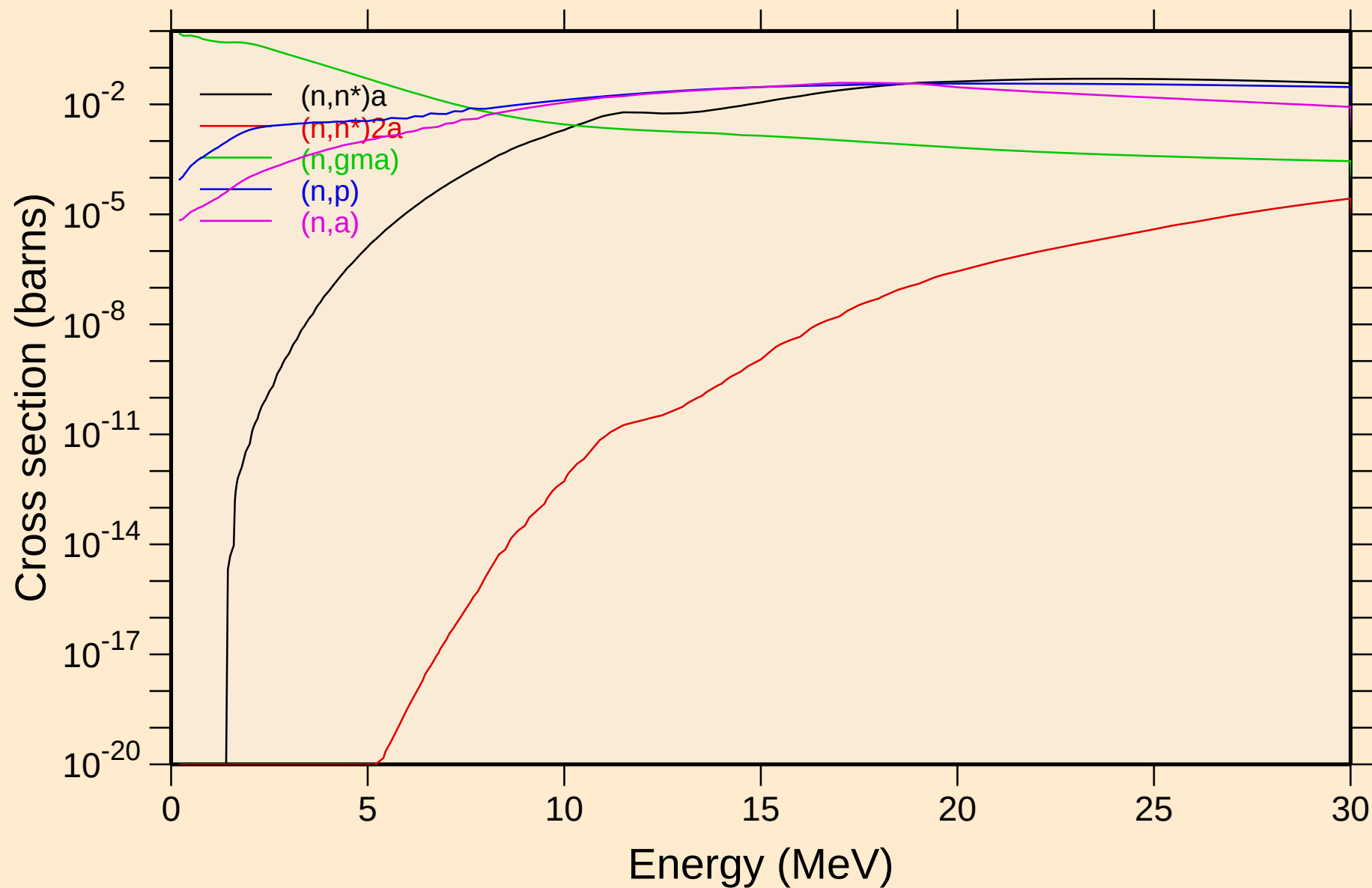


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

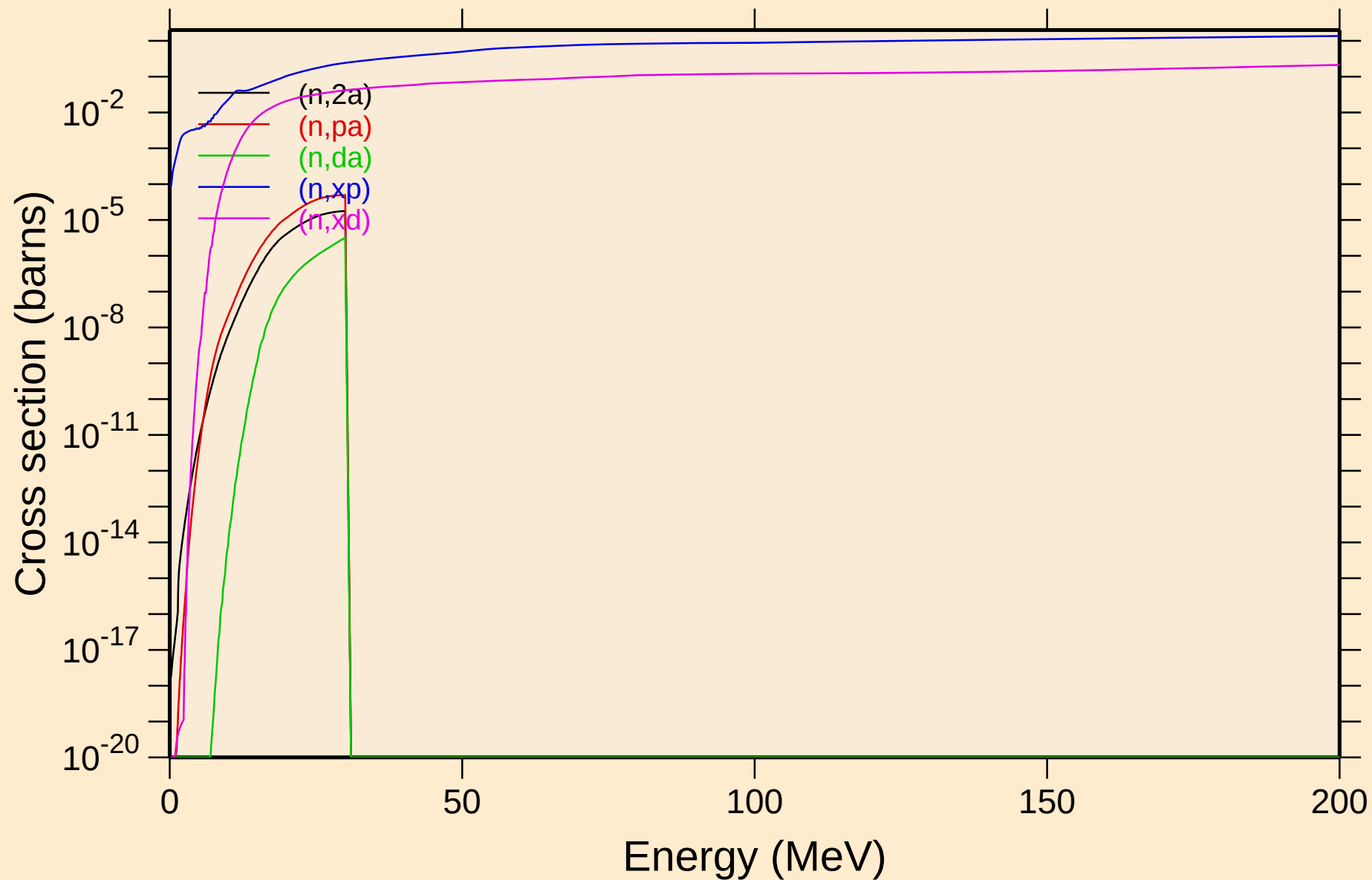
Damage



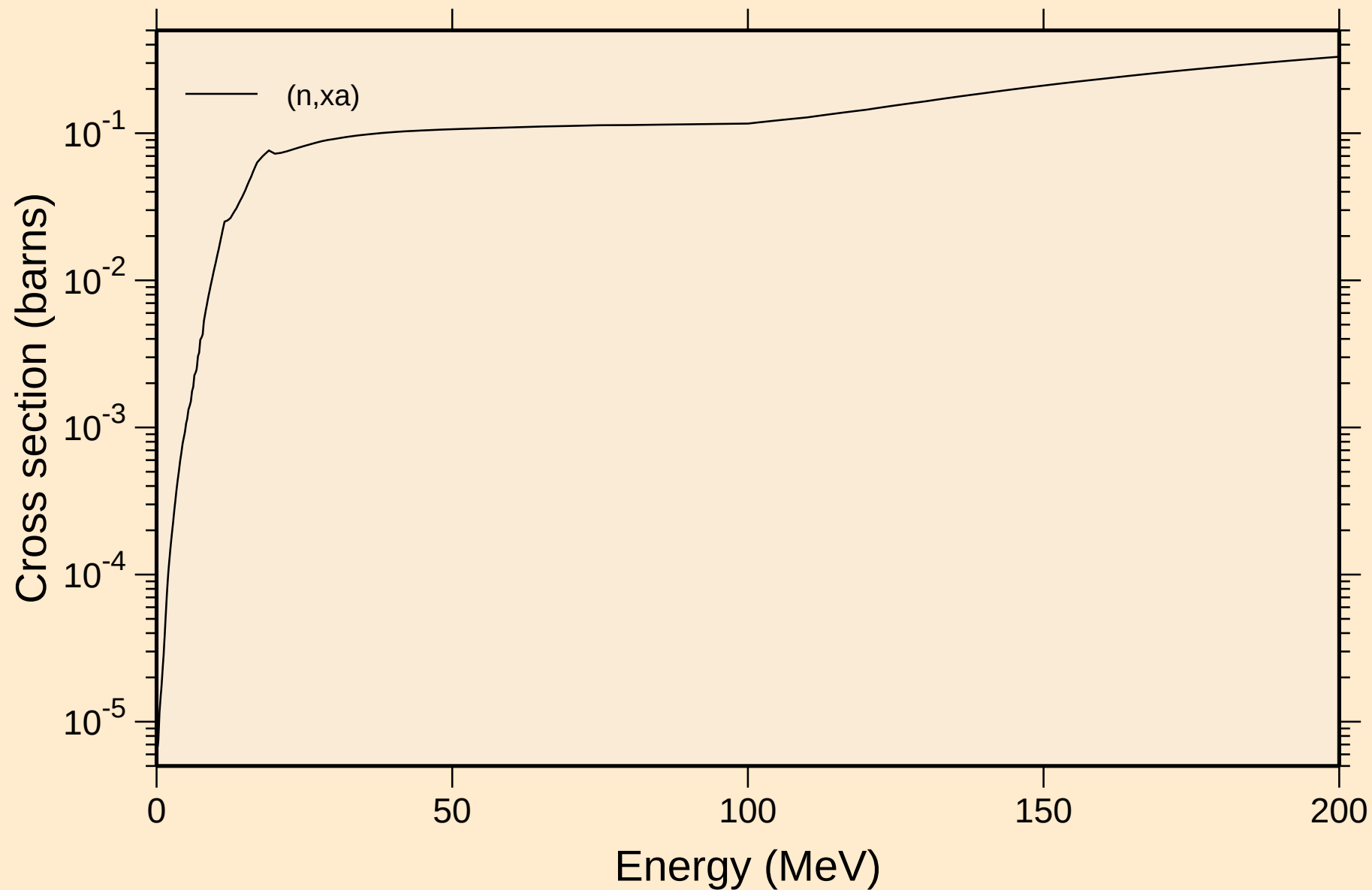
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

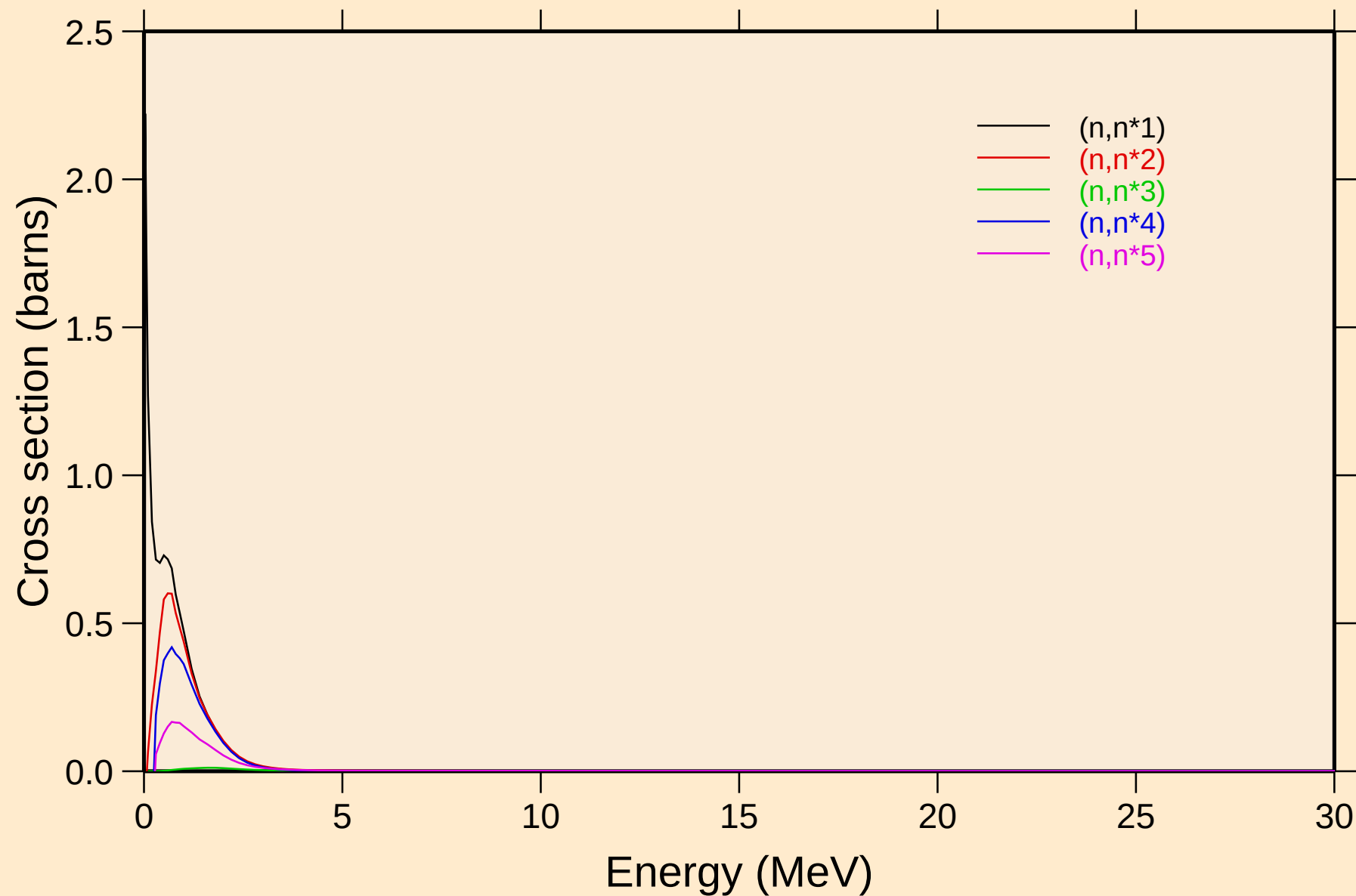


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



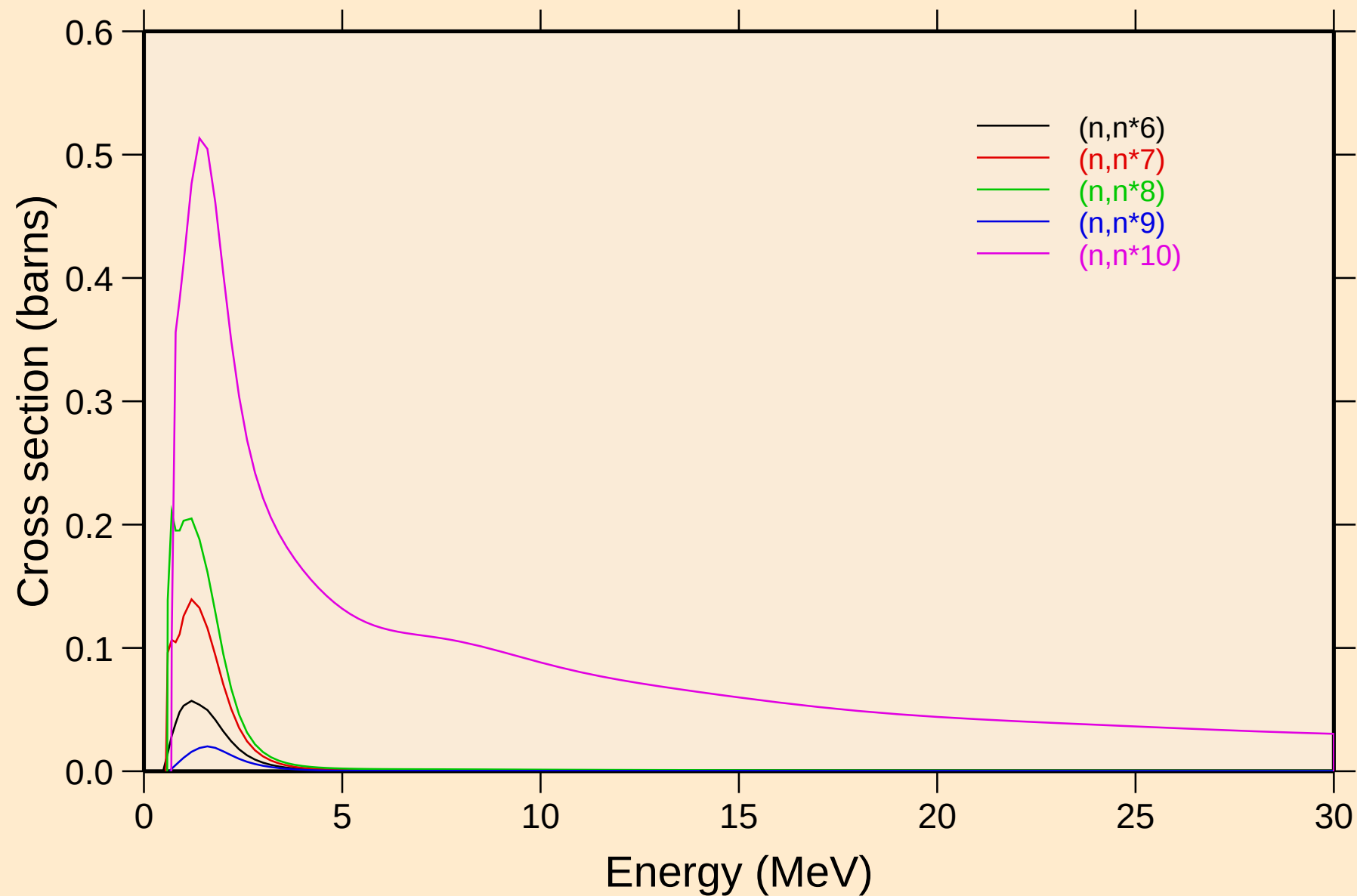
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



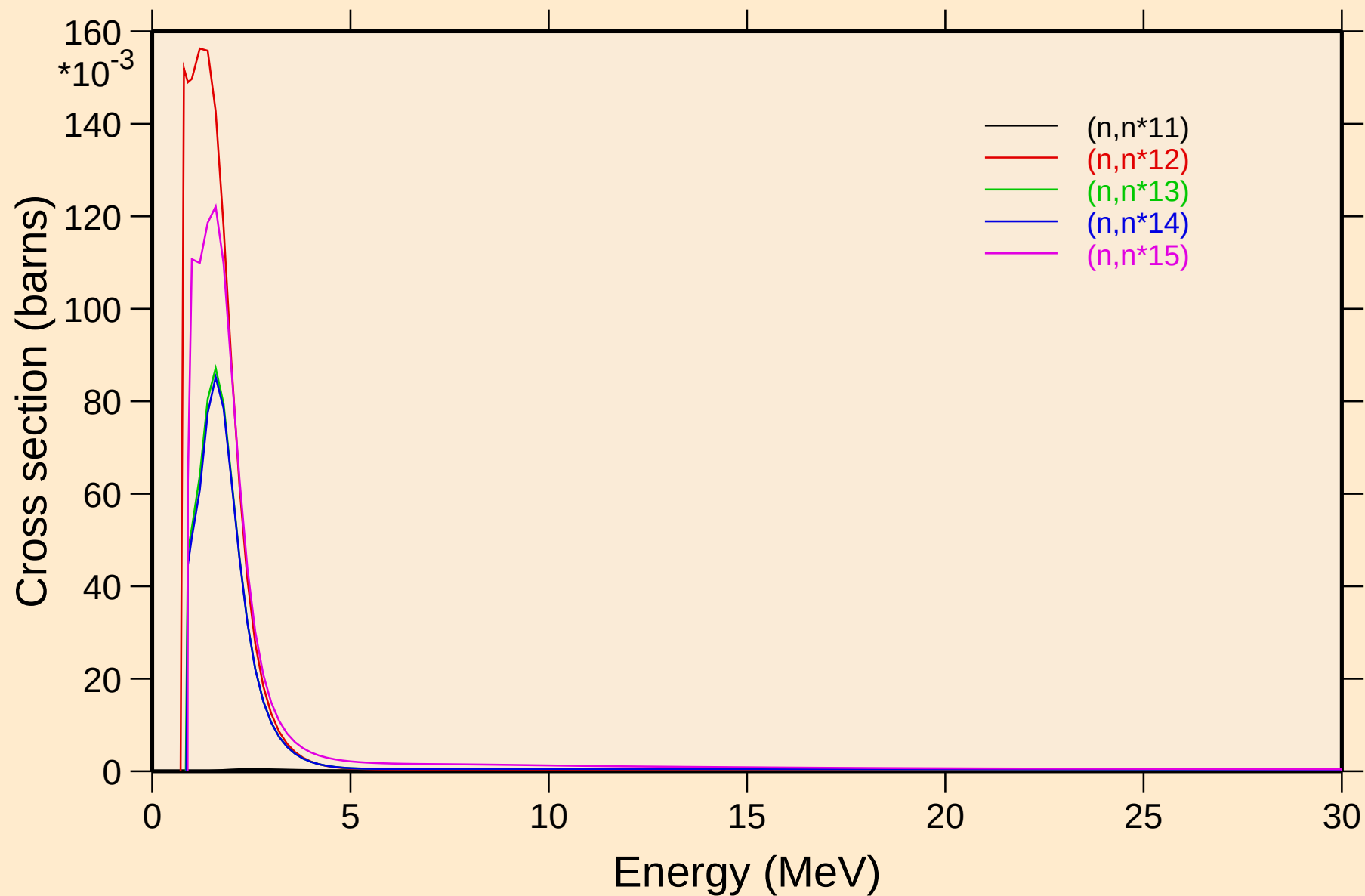
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Inelastic levels

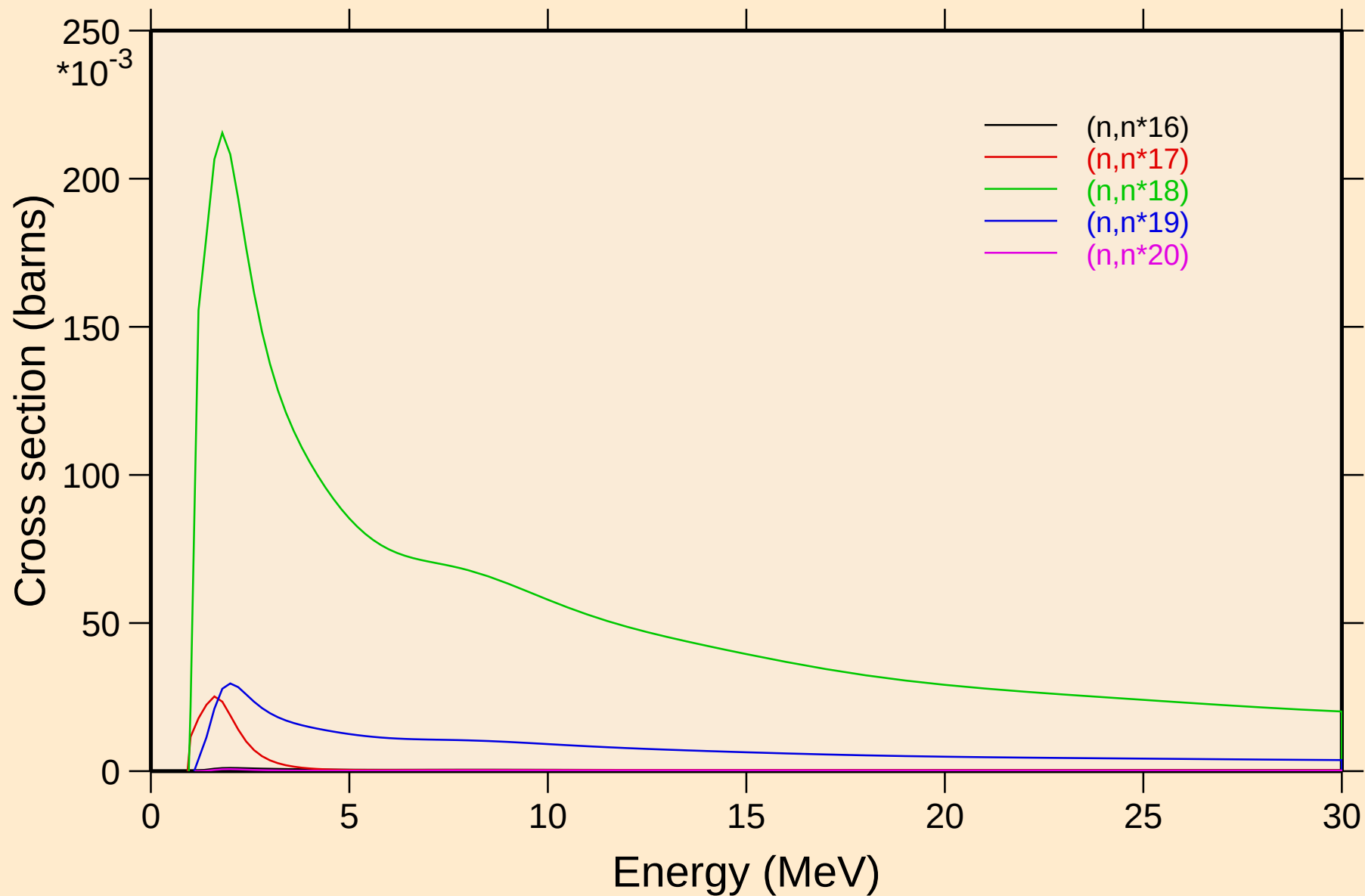


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels

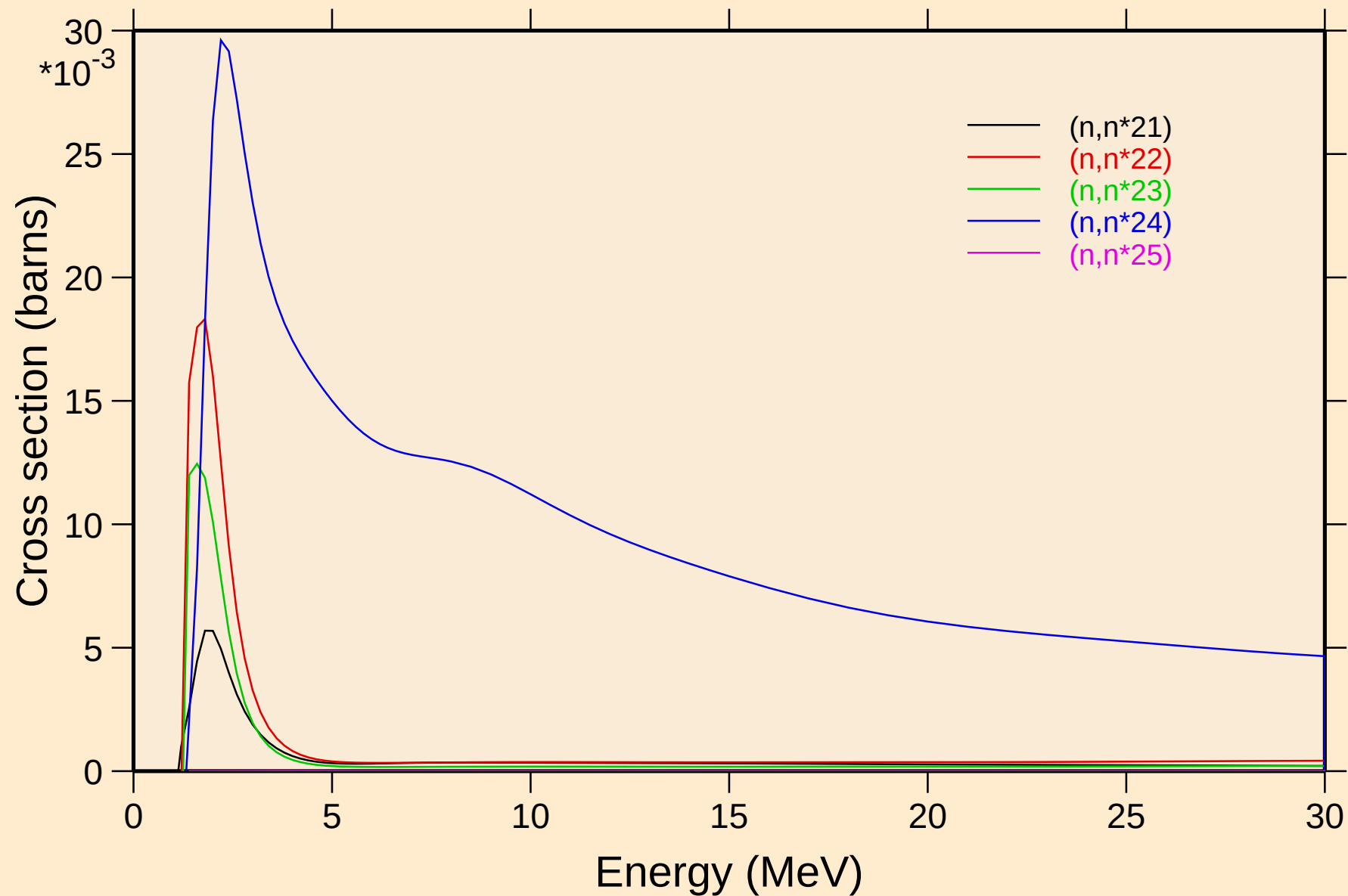


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



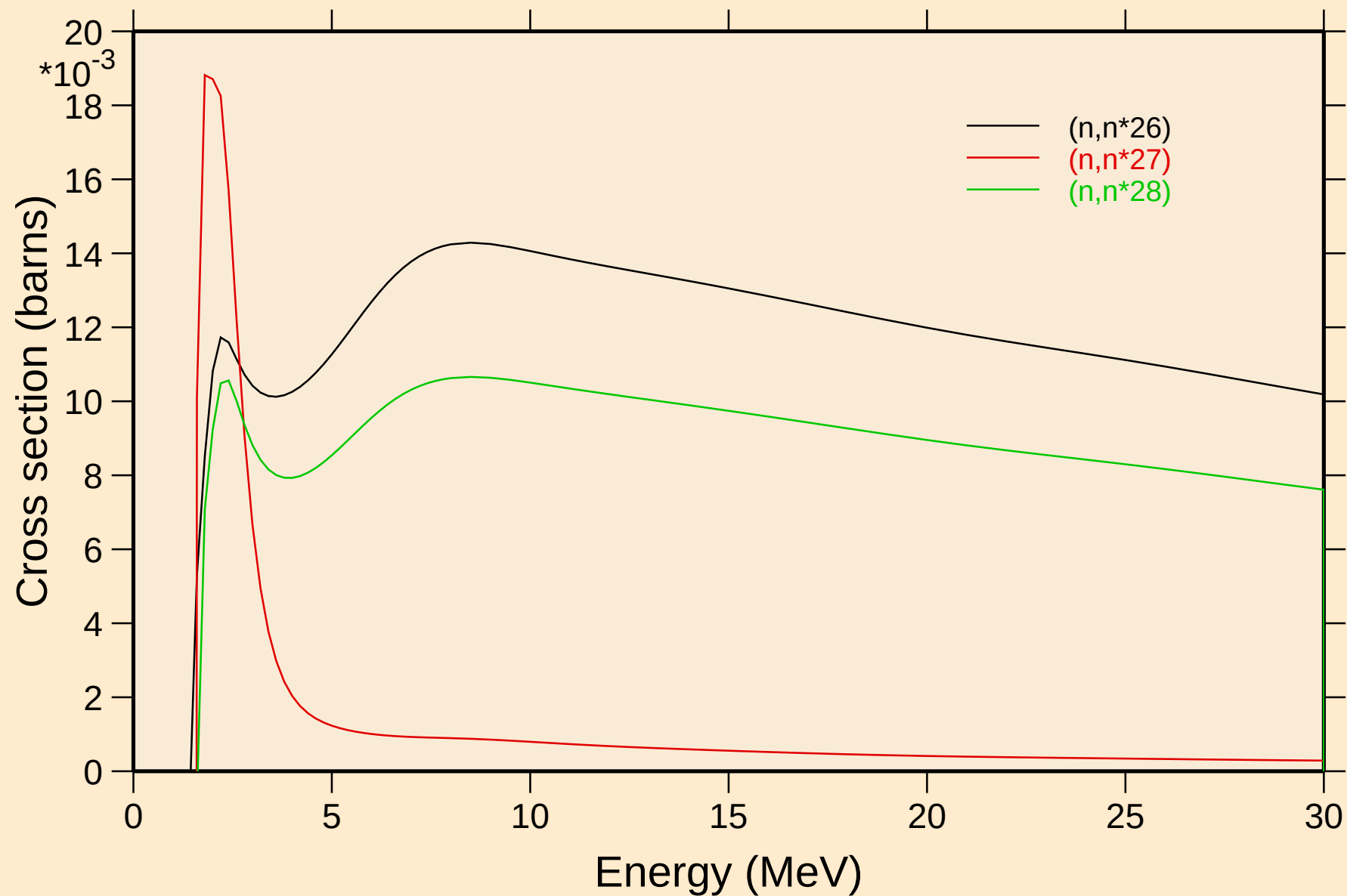
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels

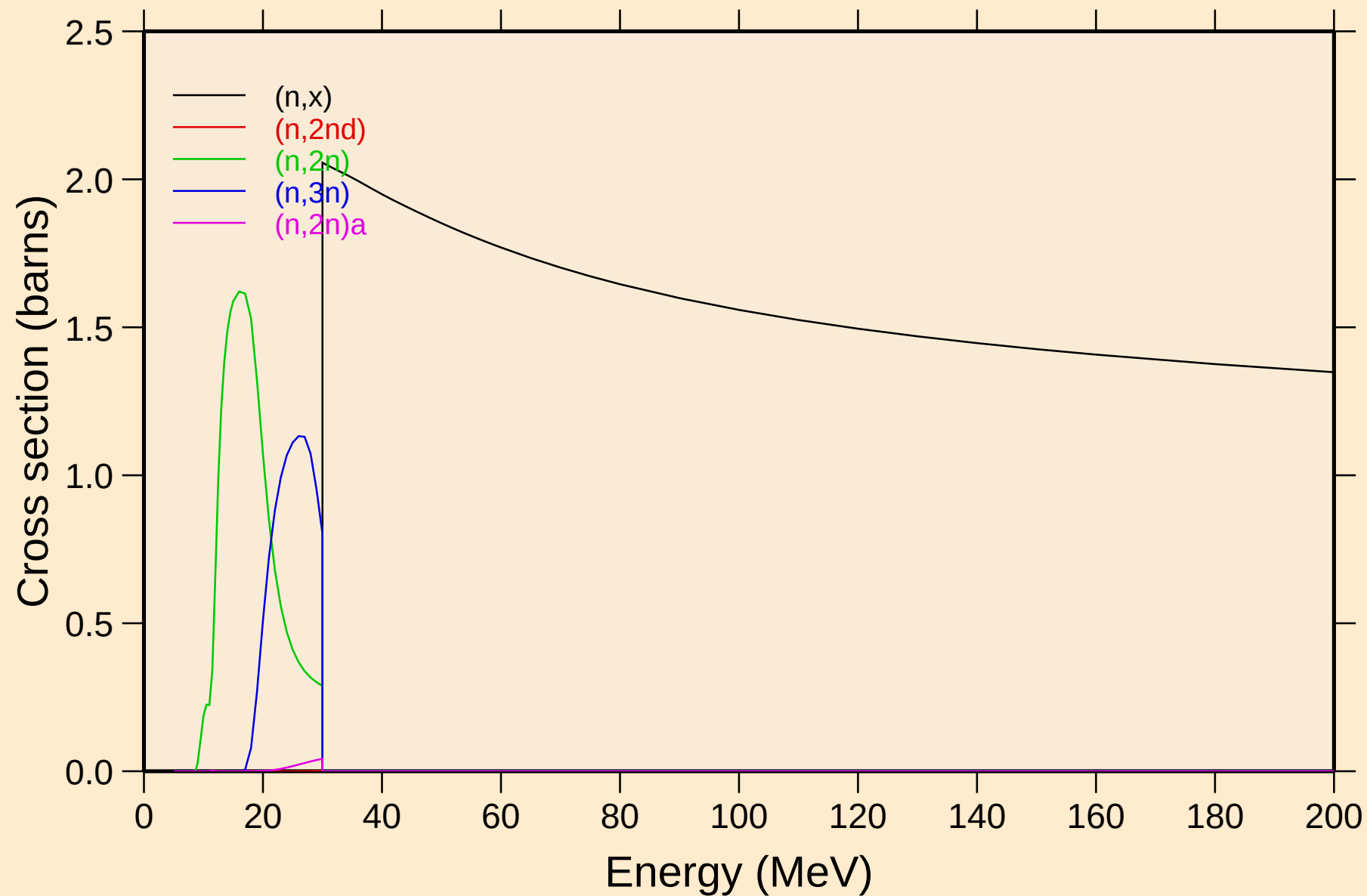


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

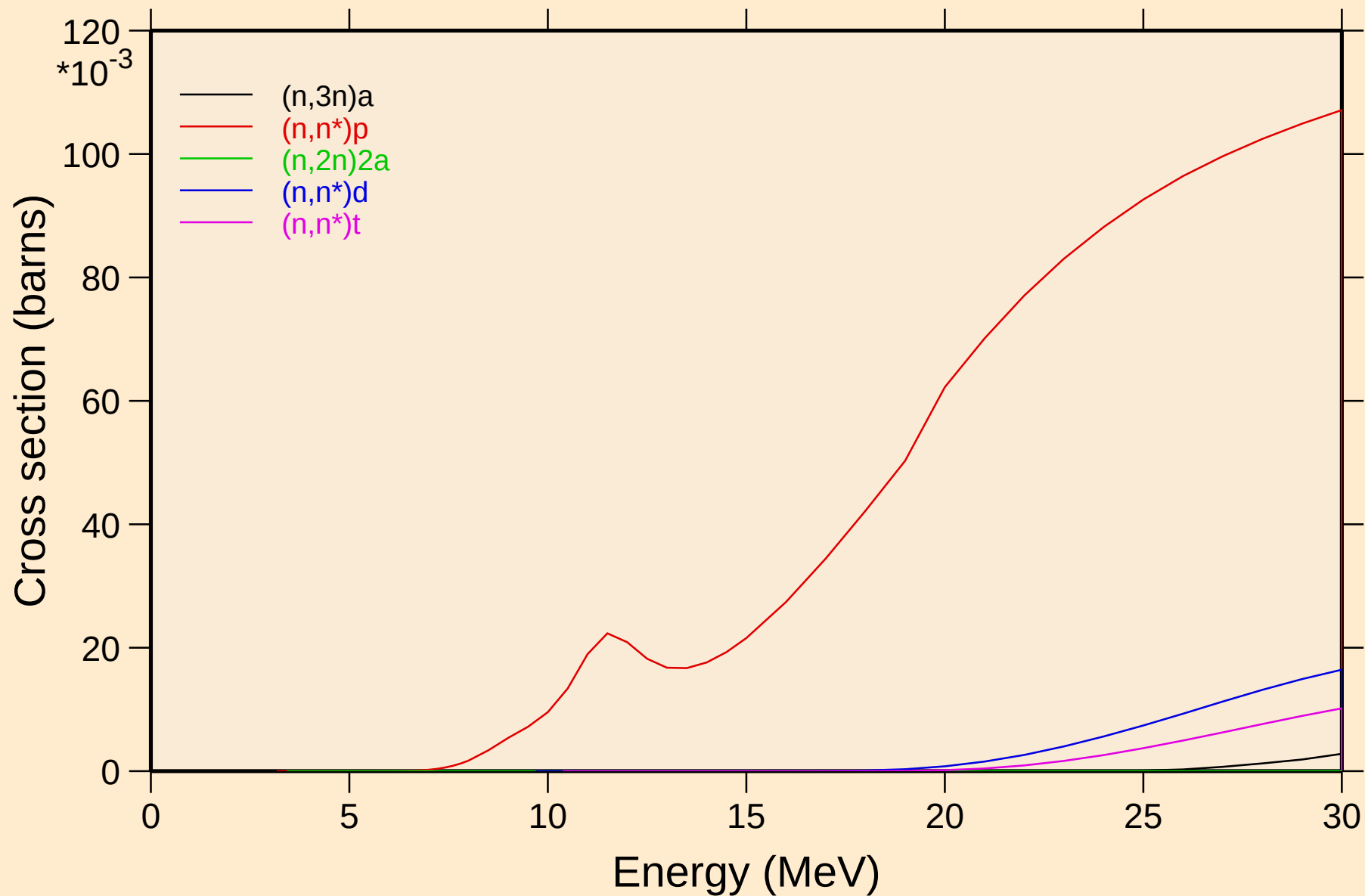
Inelastic levels



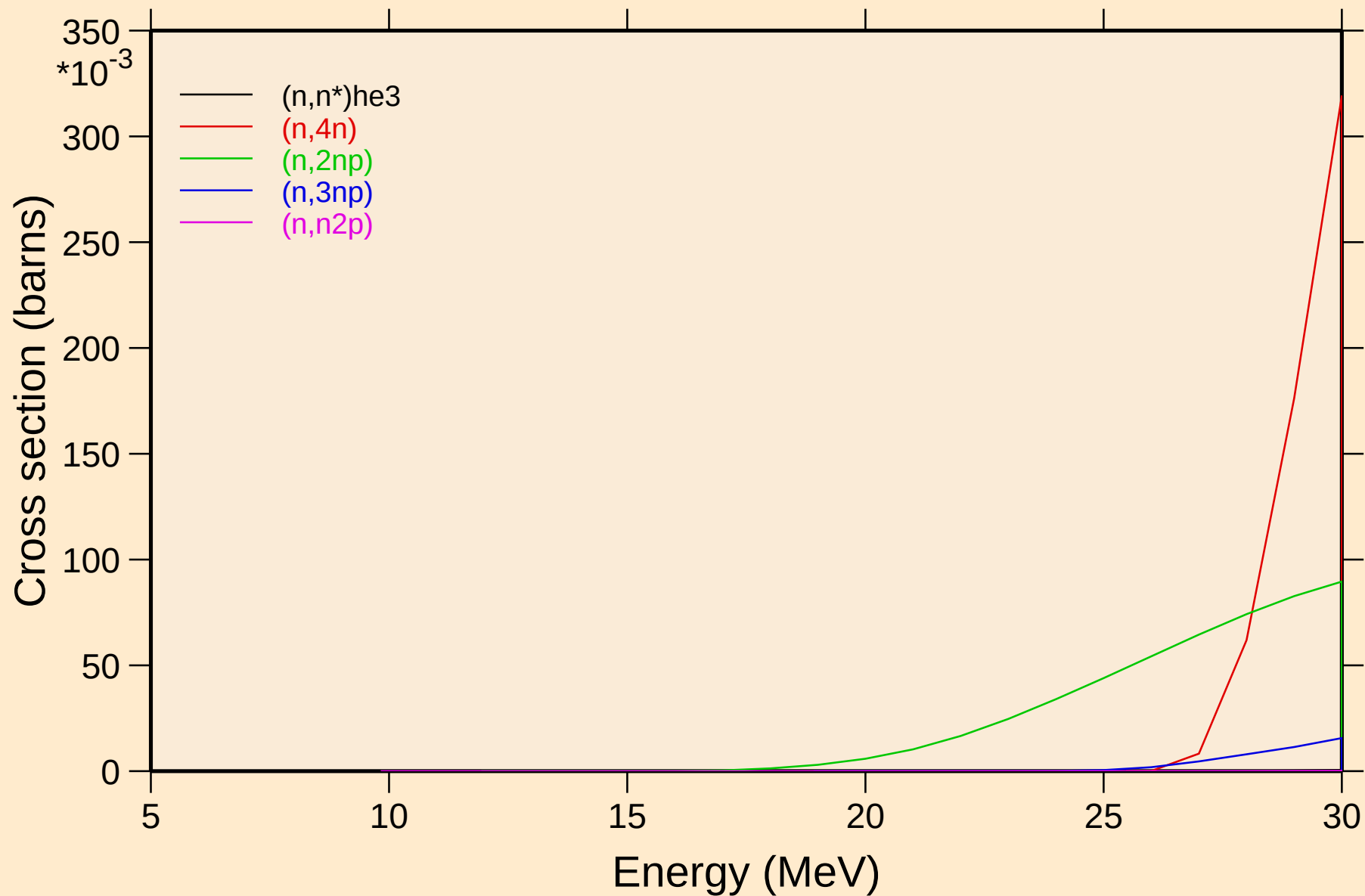
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



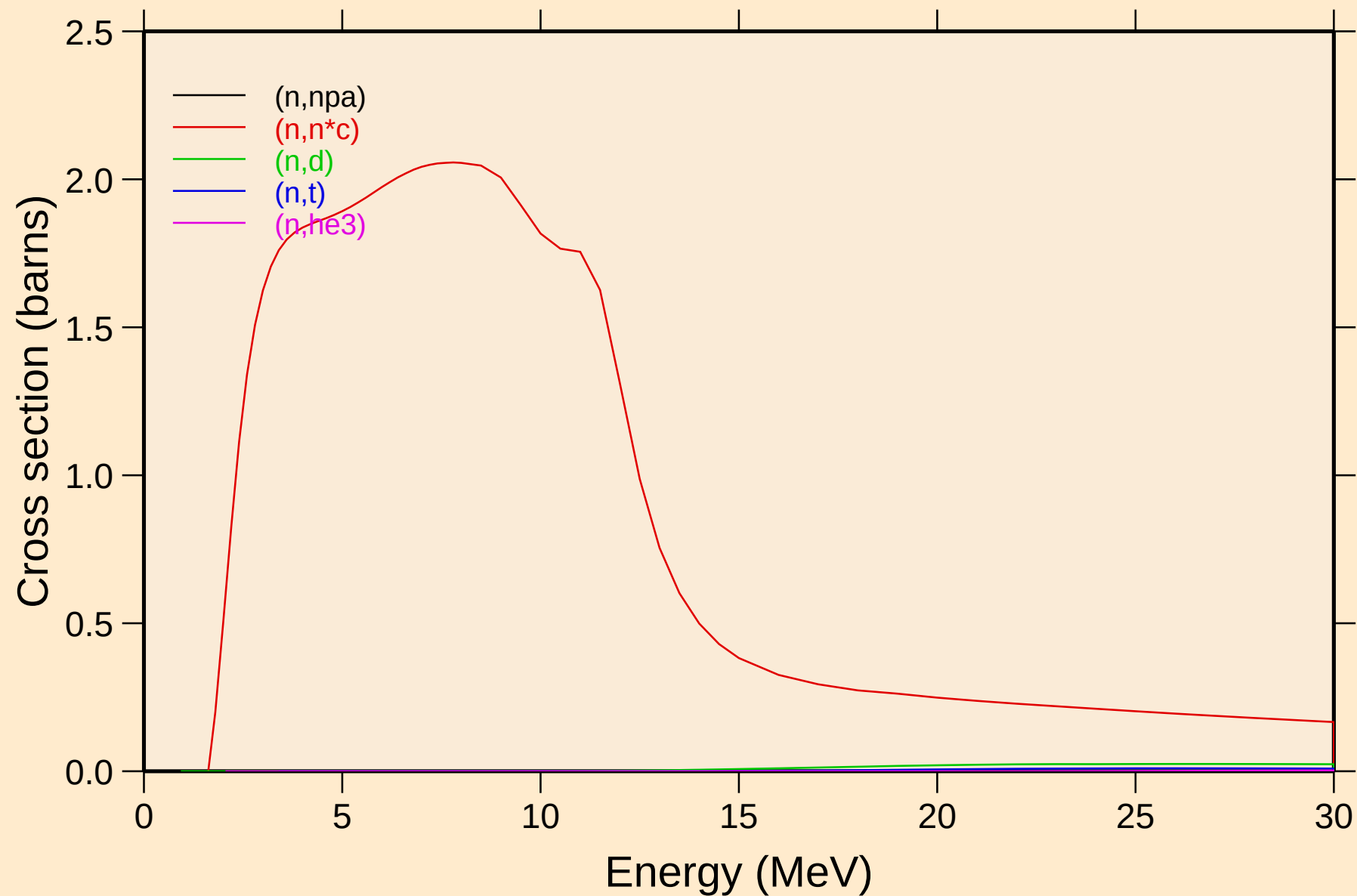
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

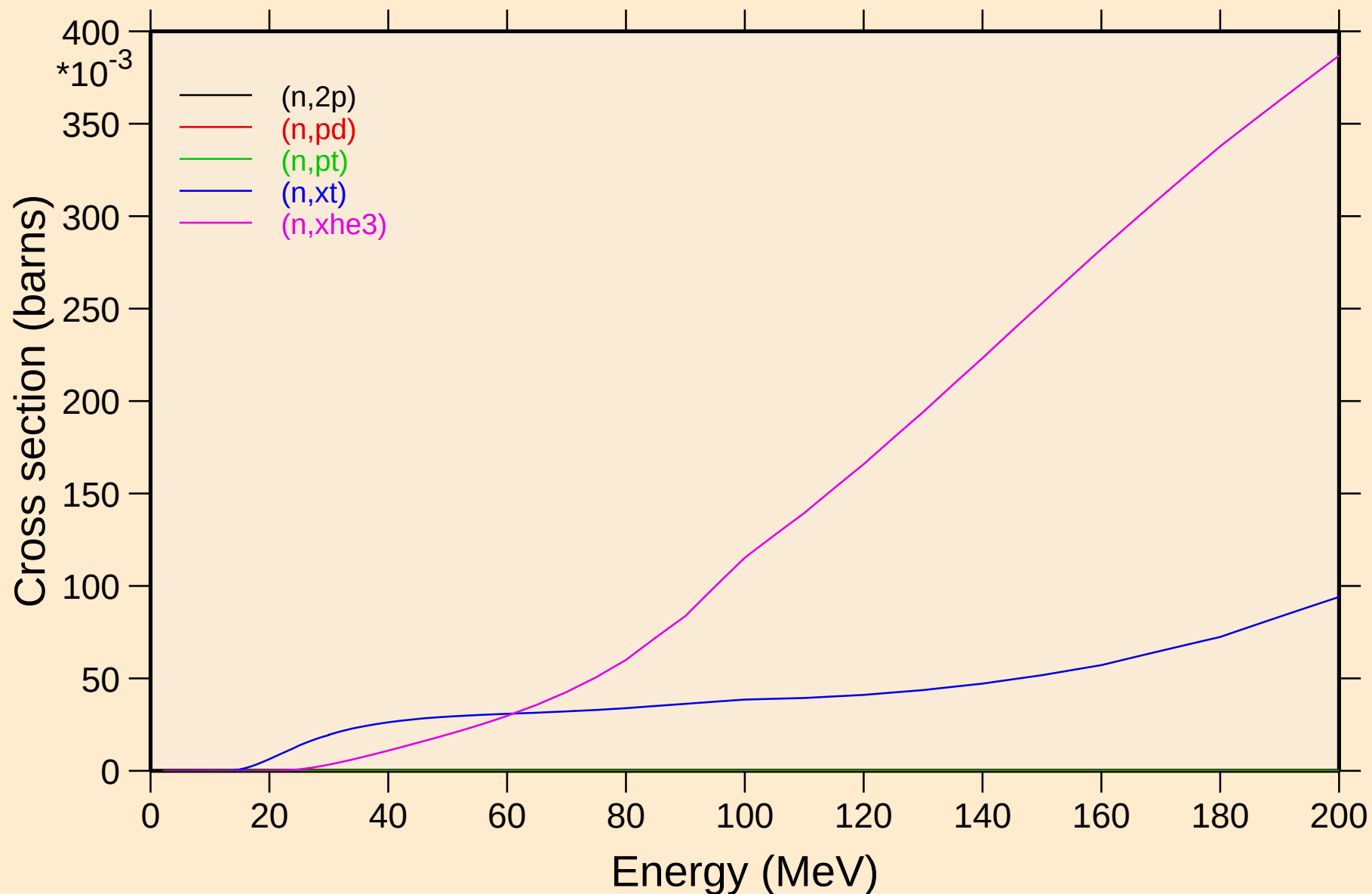


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

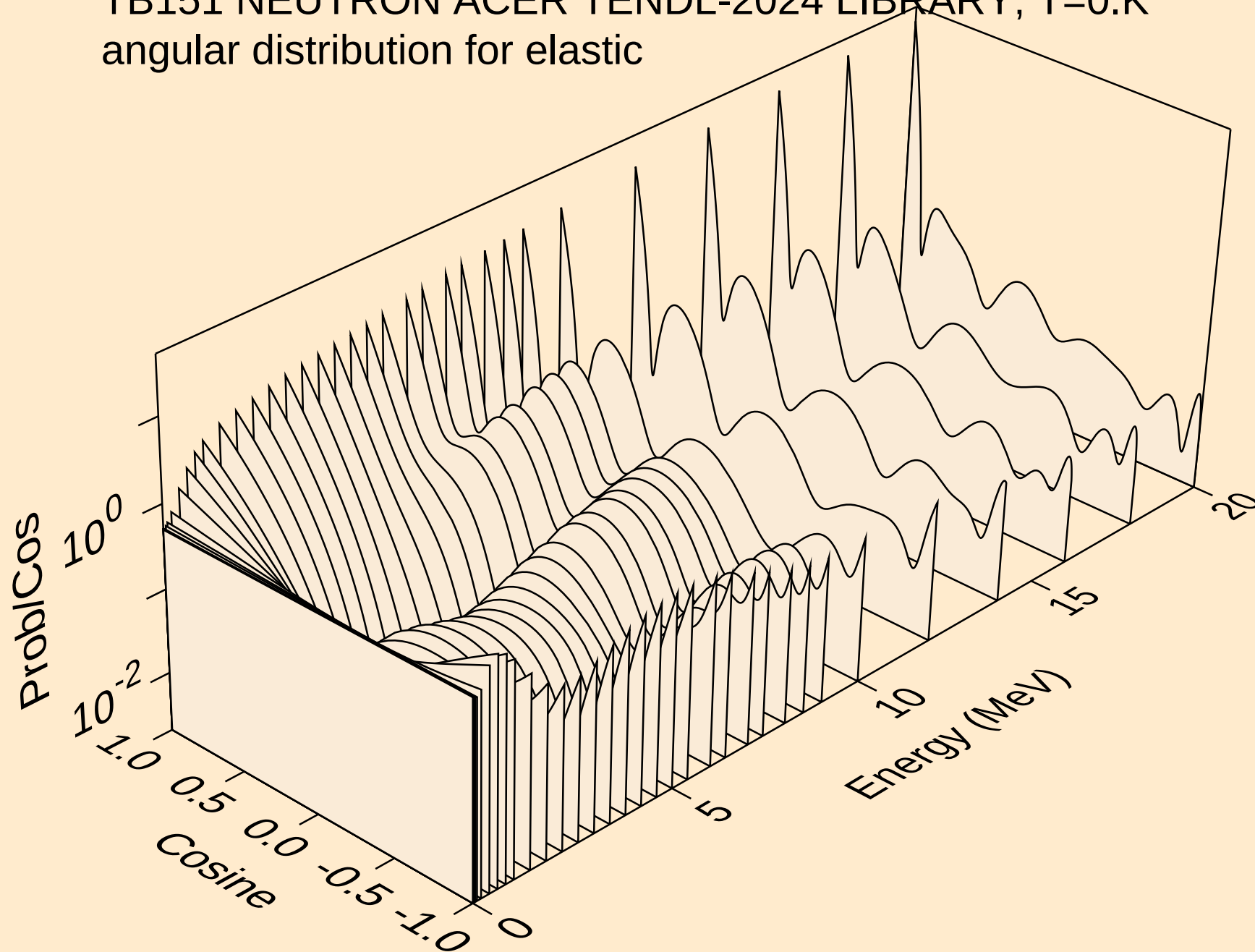


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

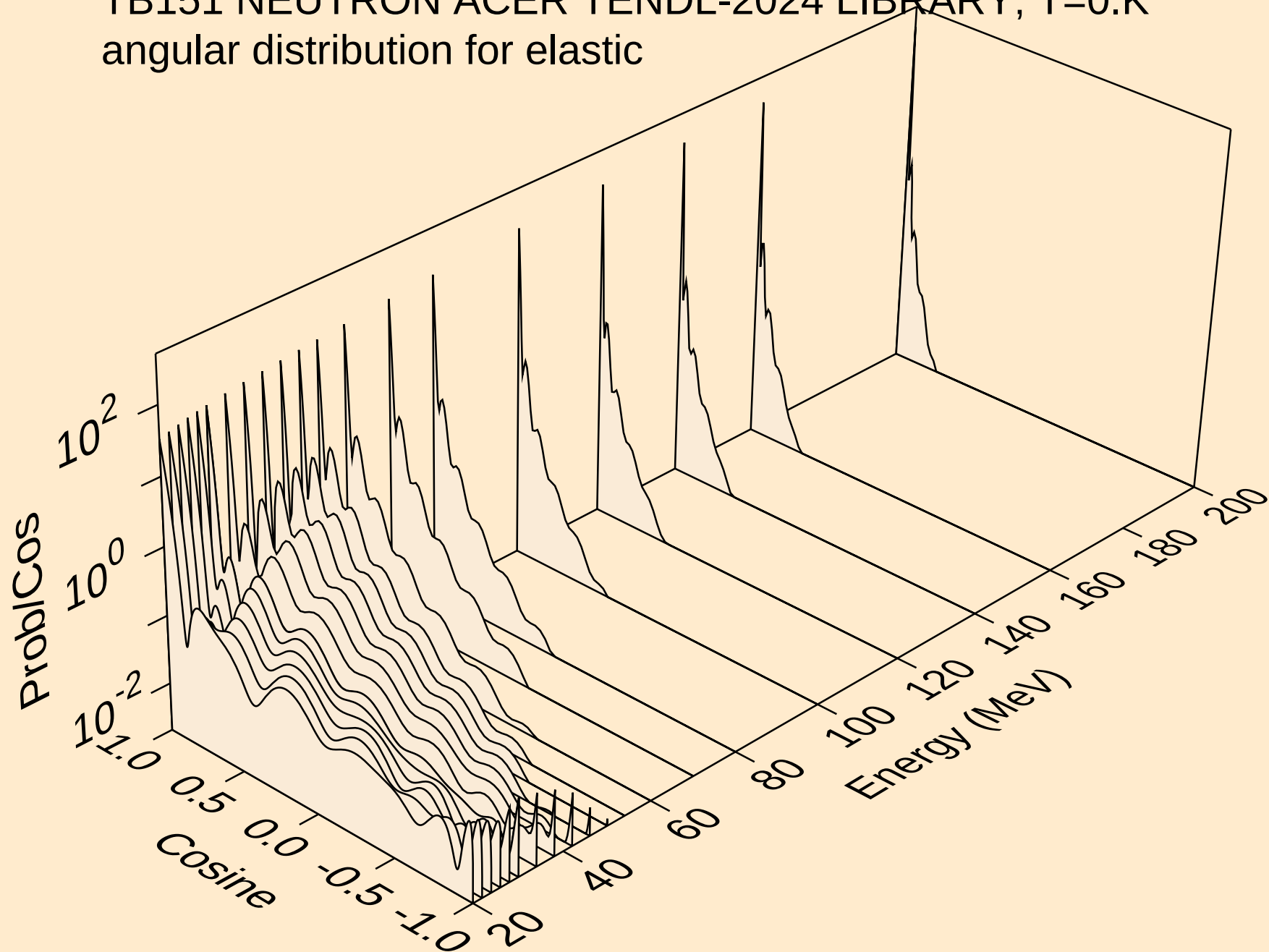
Threshold reactions



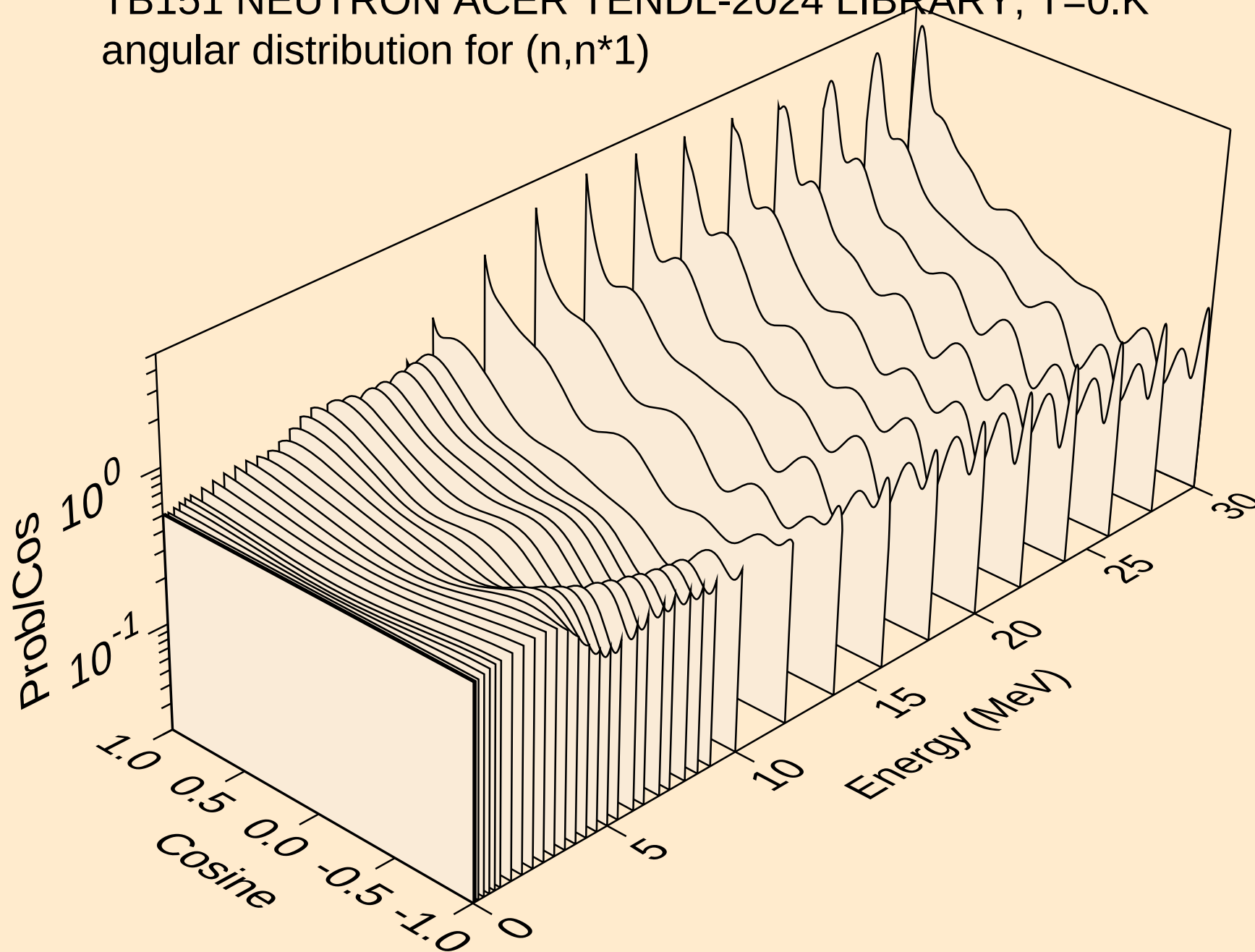
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



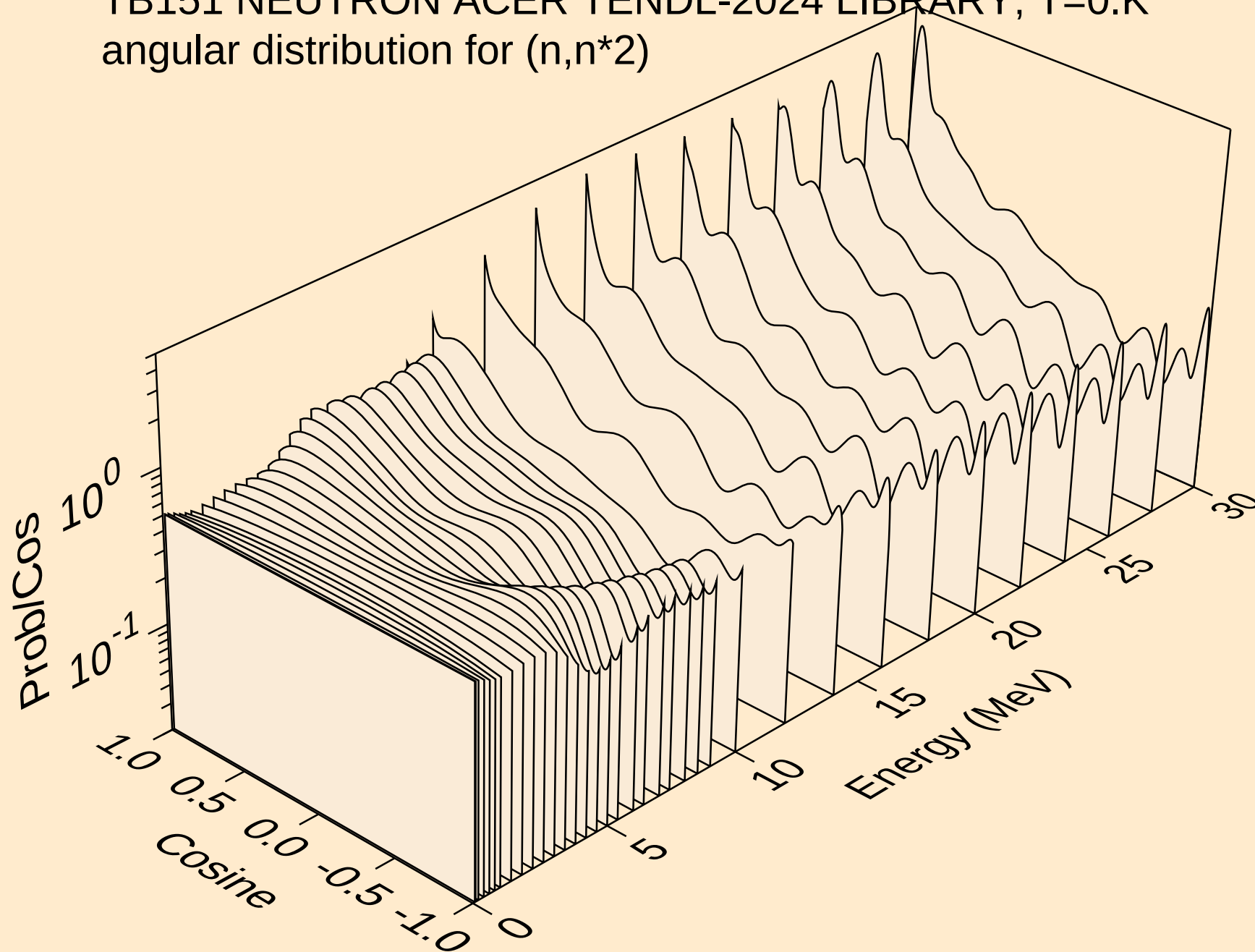
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



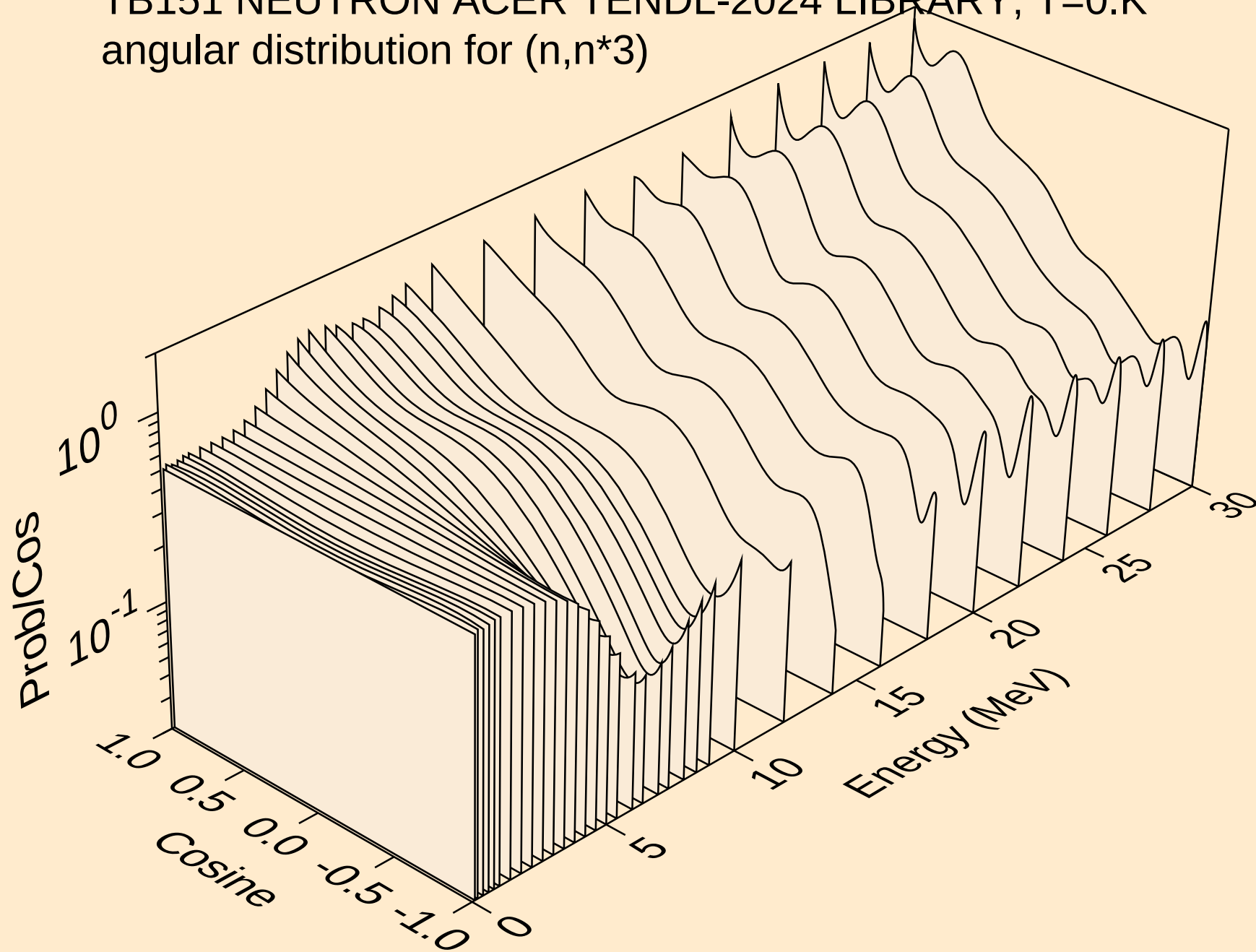
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



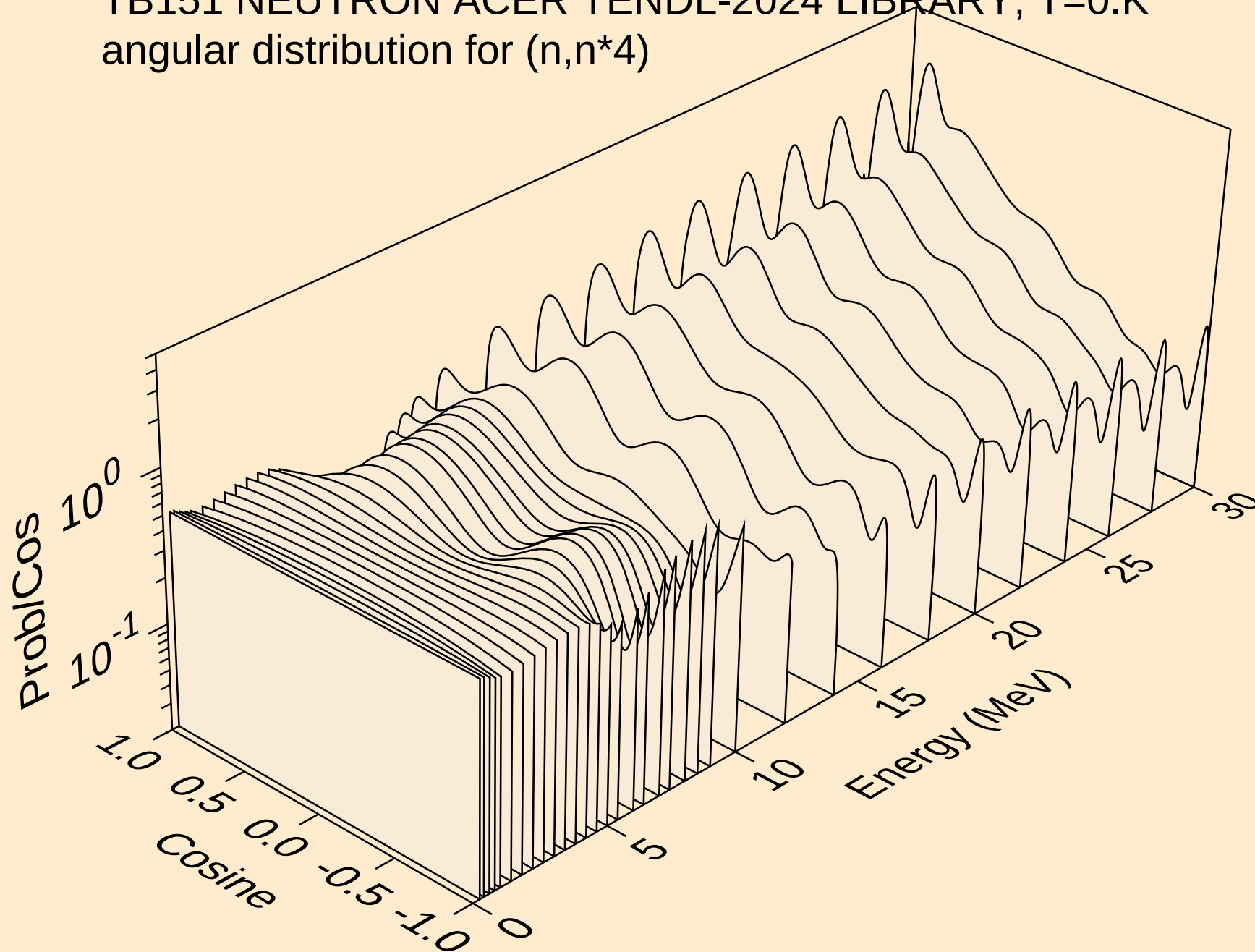
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



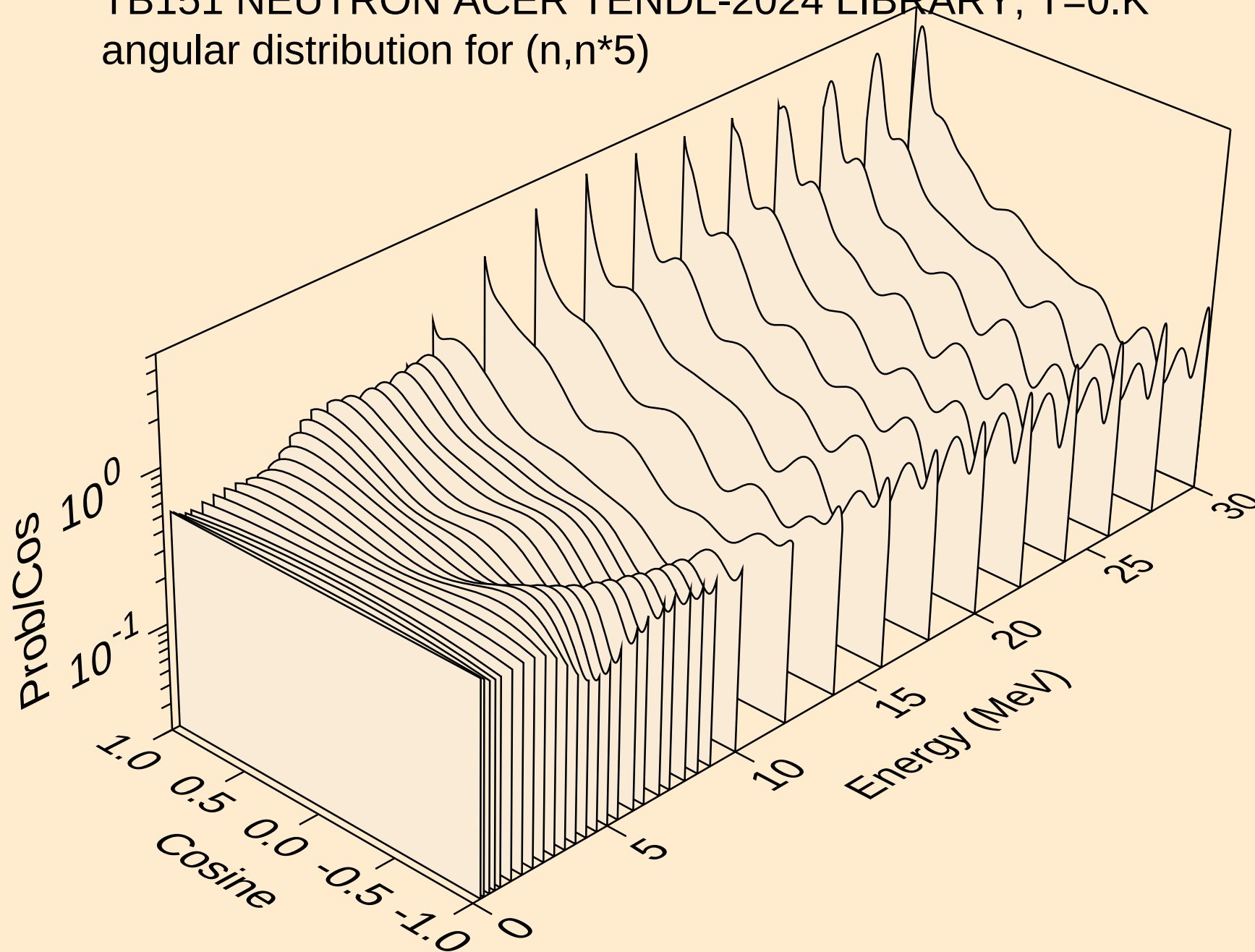
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angular distribution for (n,n*3)



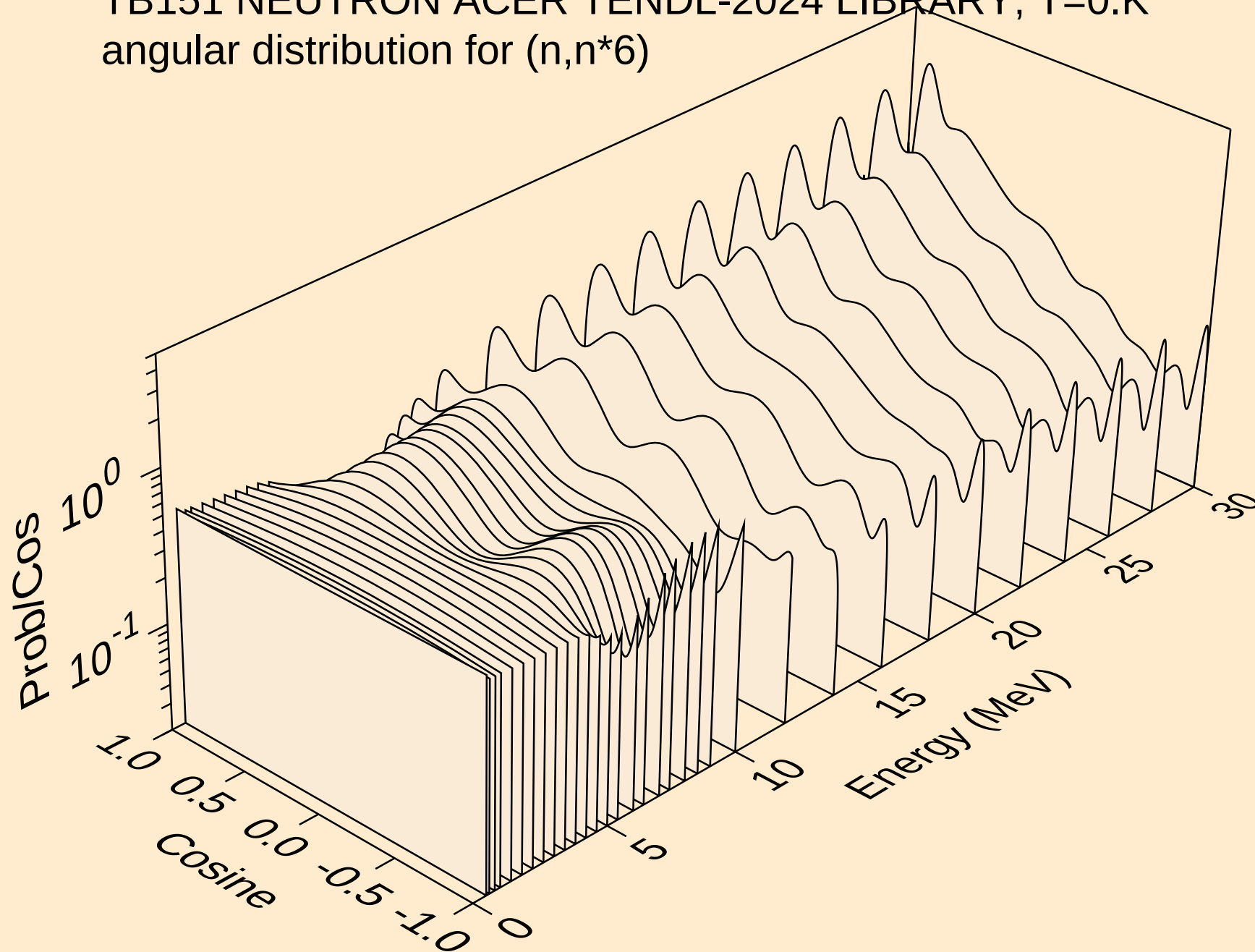
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



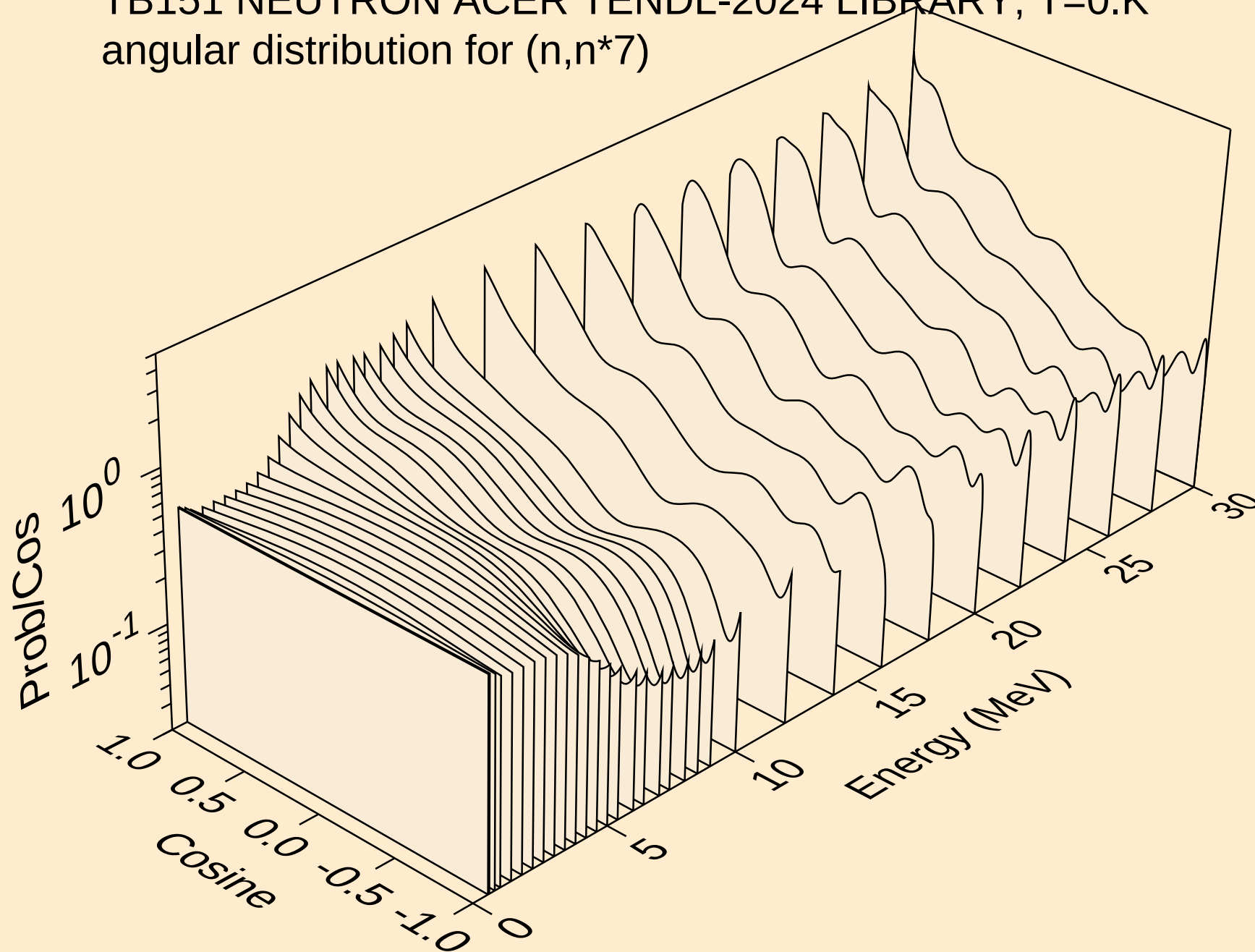
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



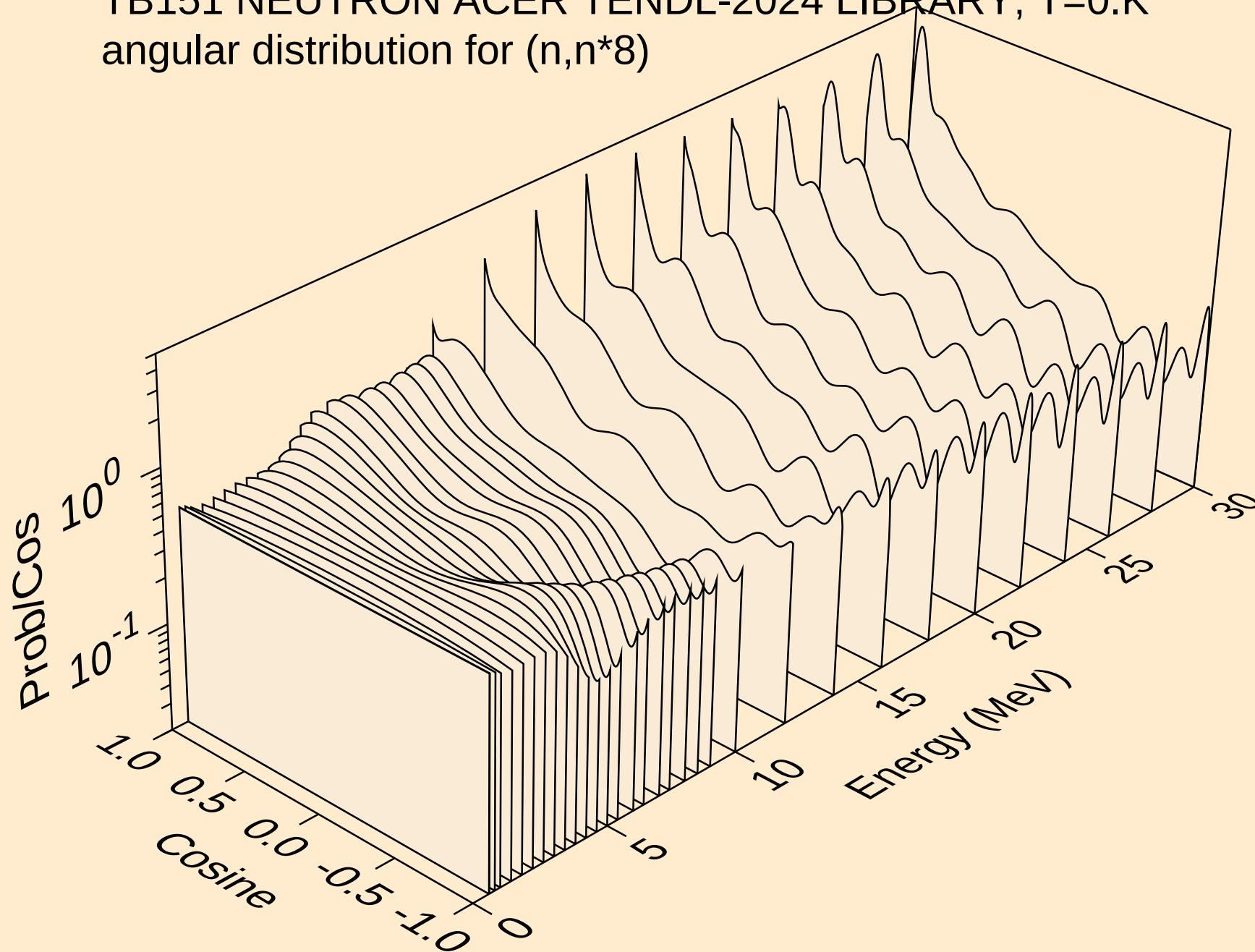
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*6)



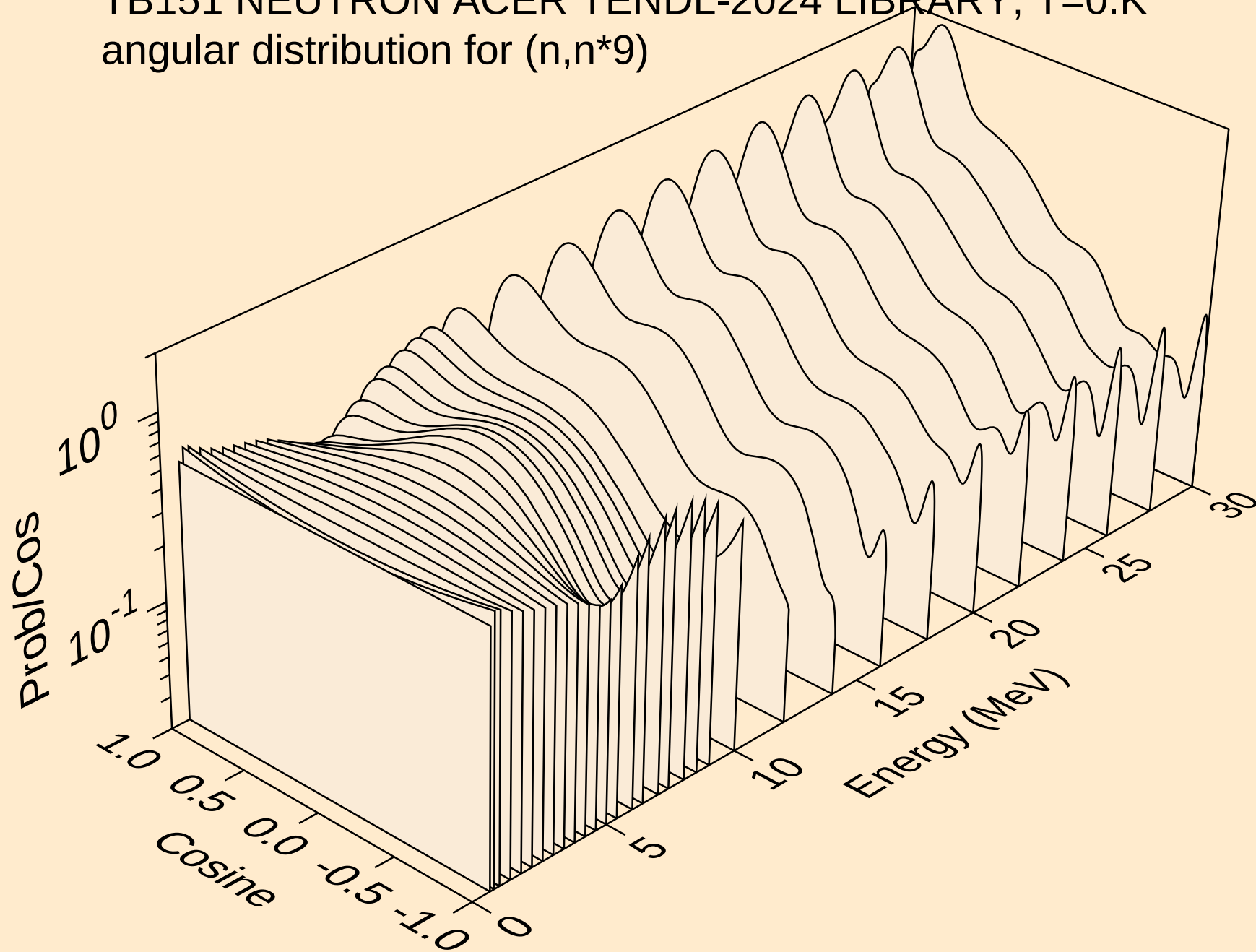
TB151 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
angular distribution for (n,n*7)



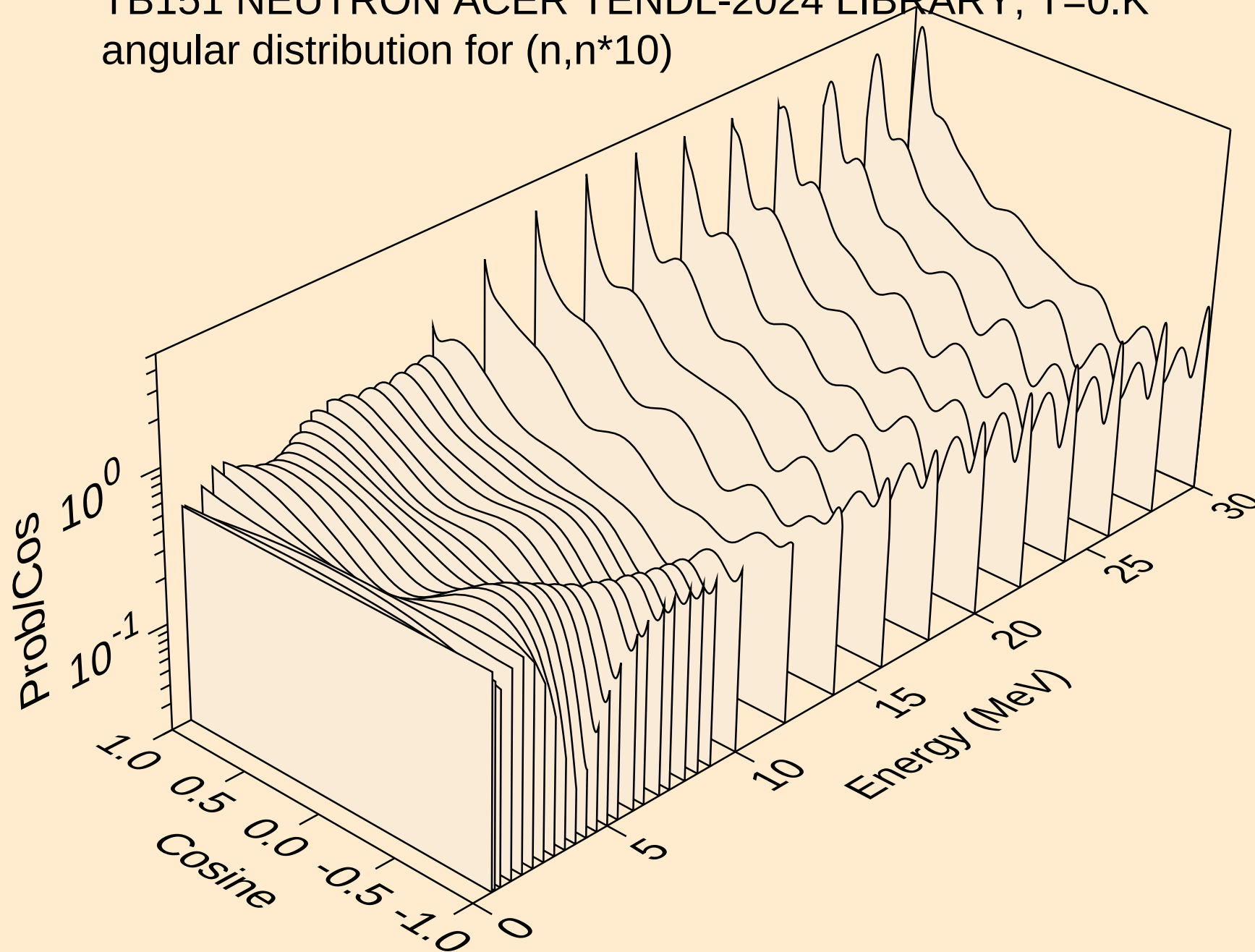
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*8)



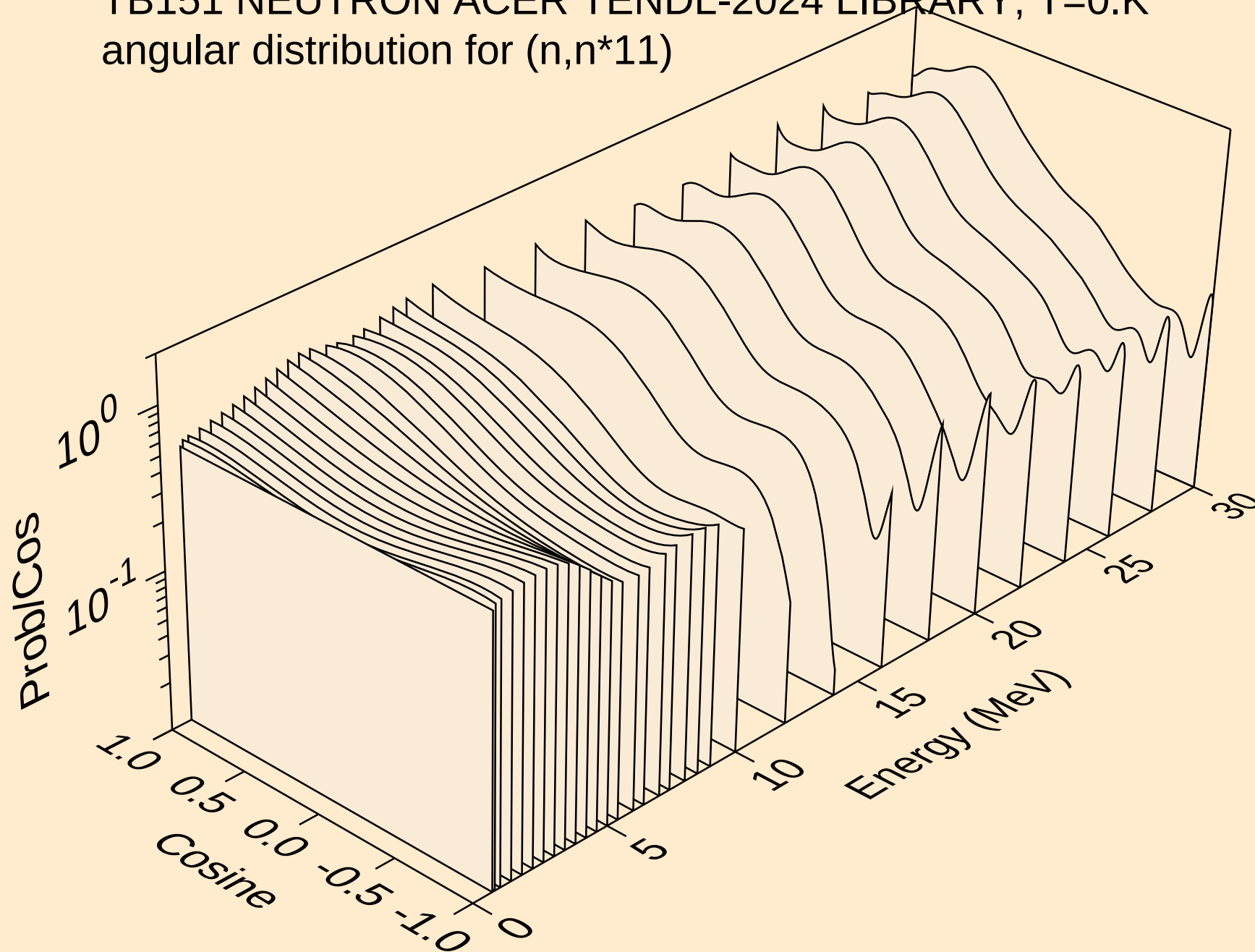
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*9)



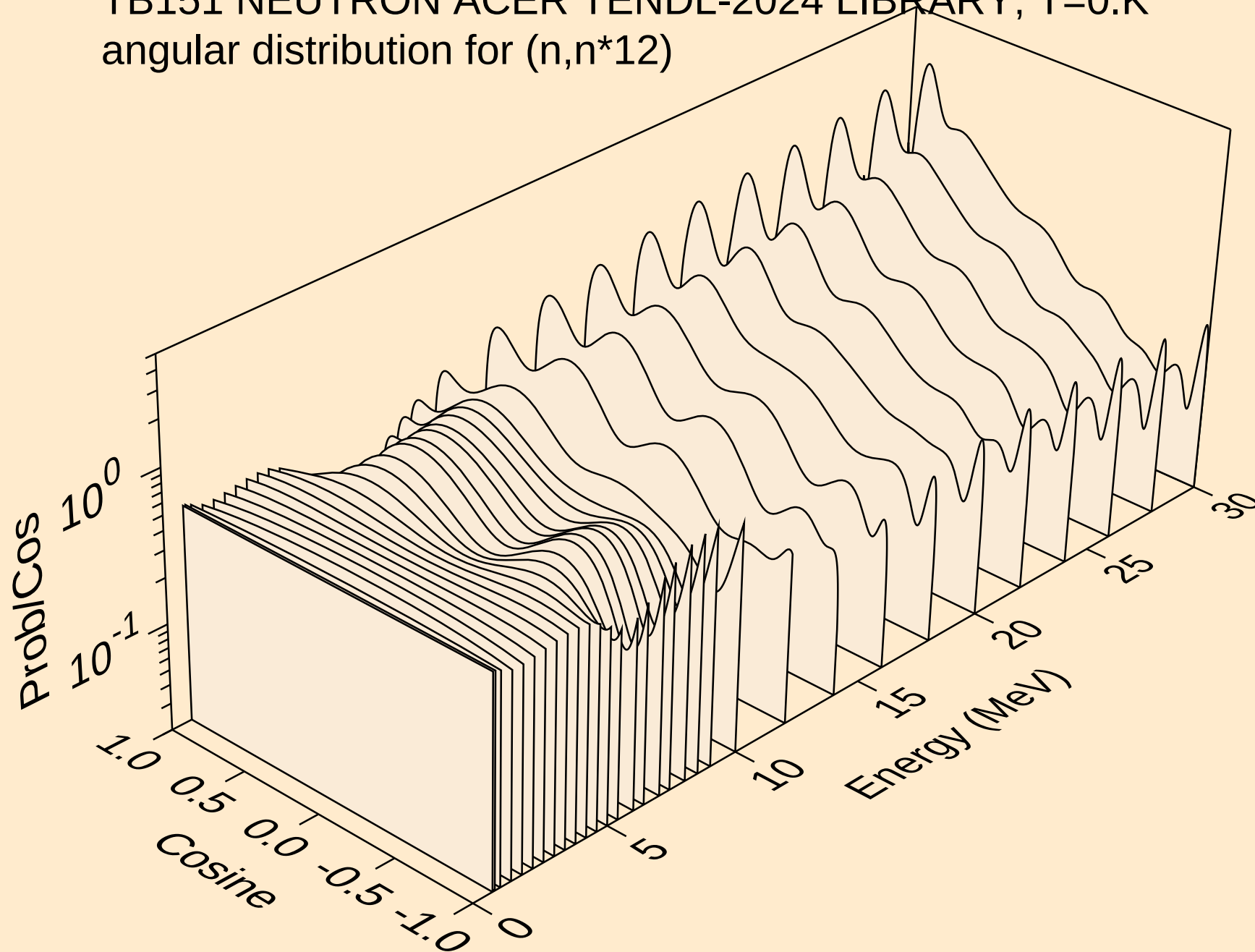
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*10)



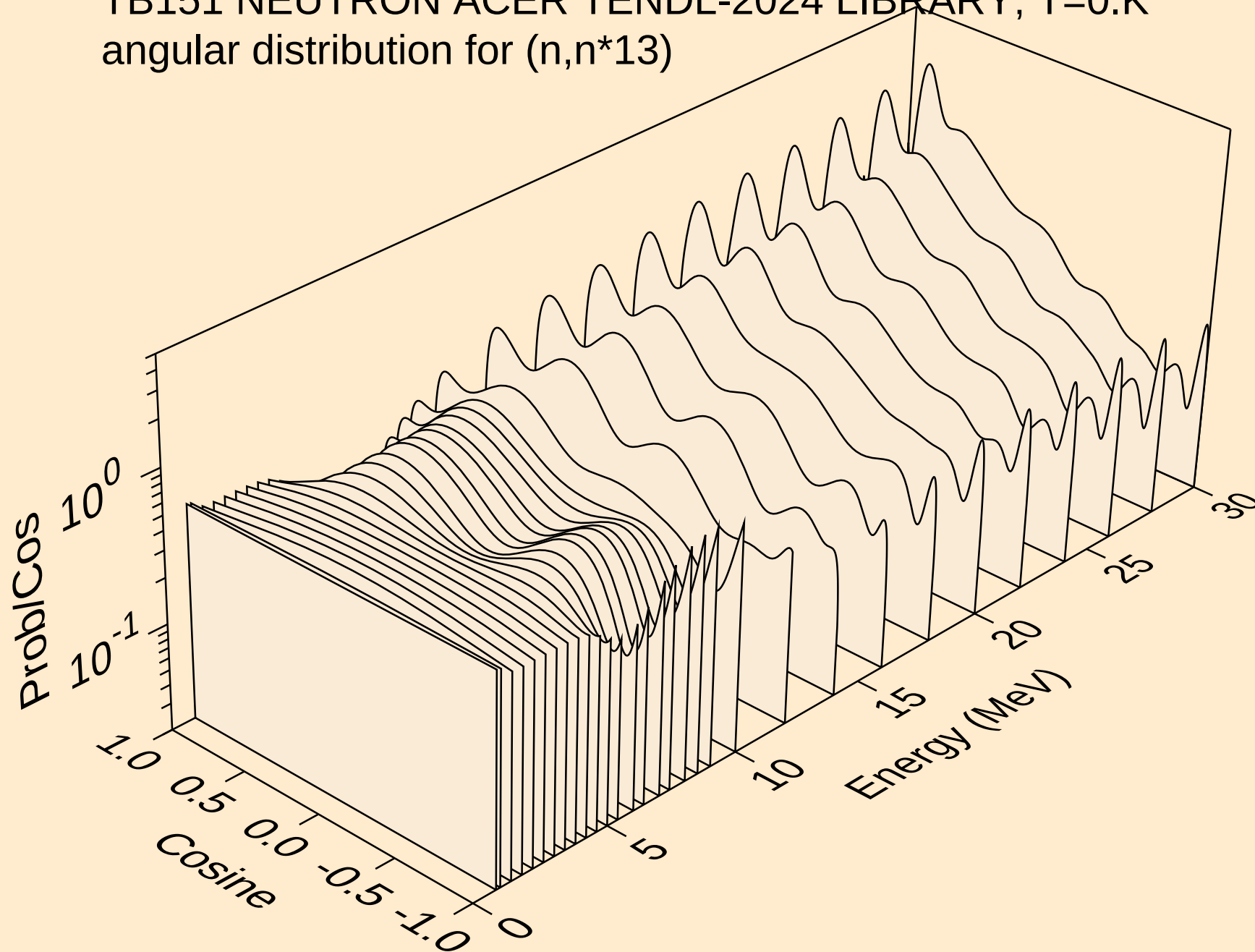
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*11)



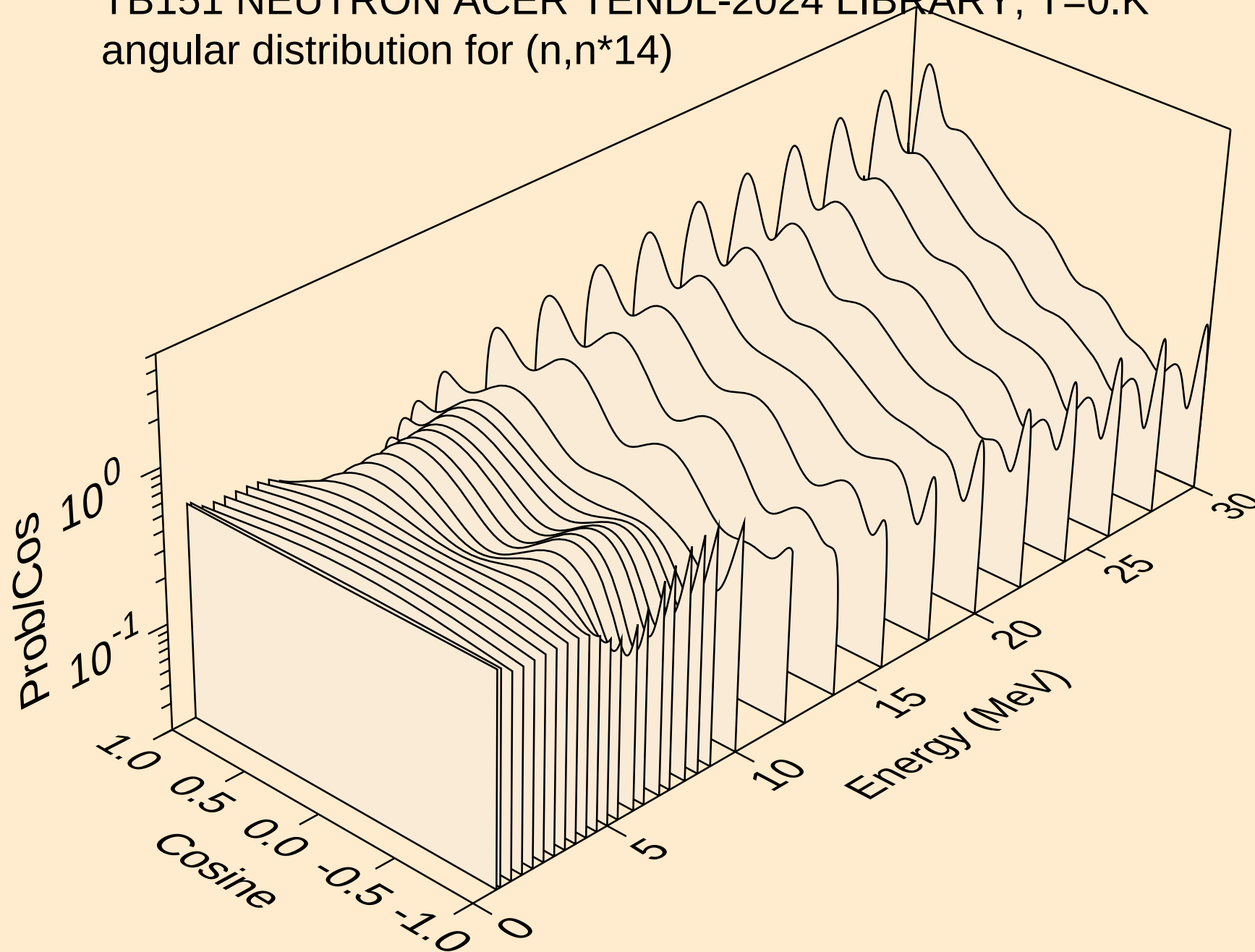
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*12)



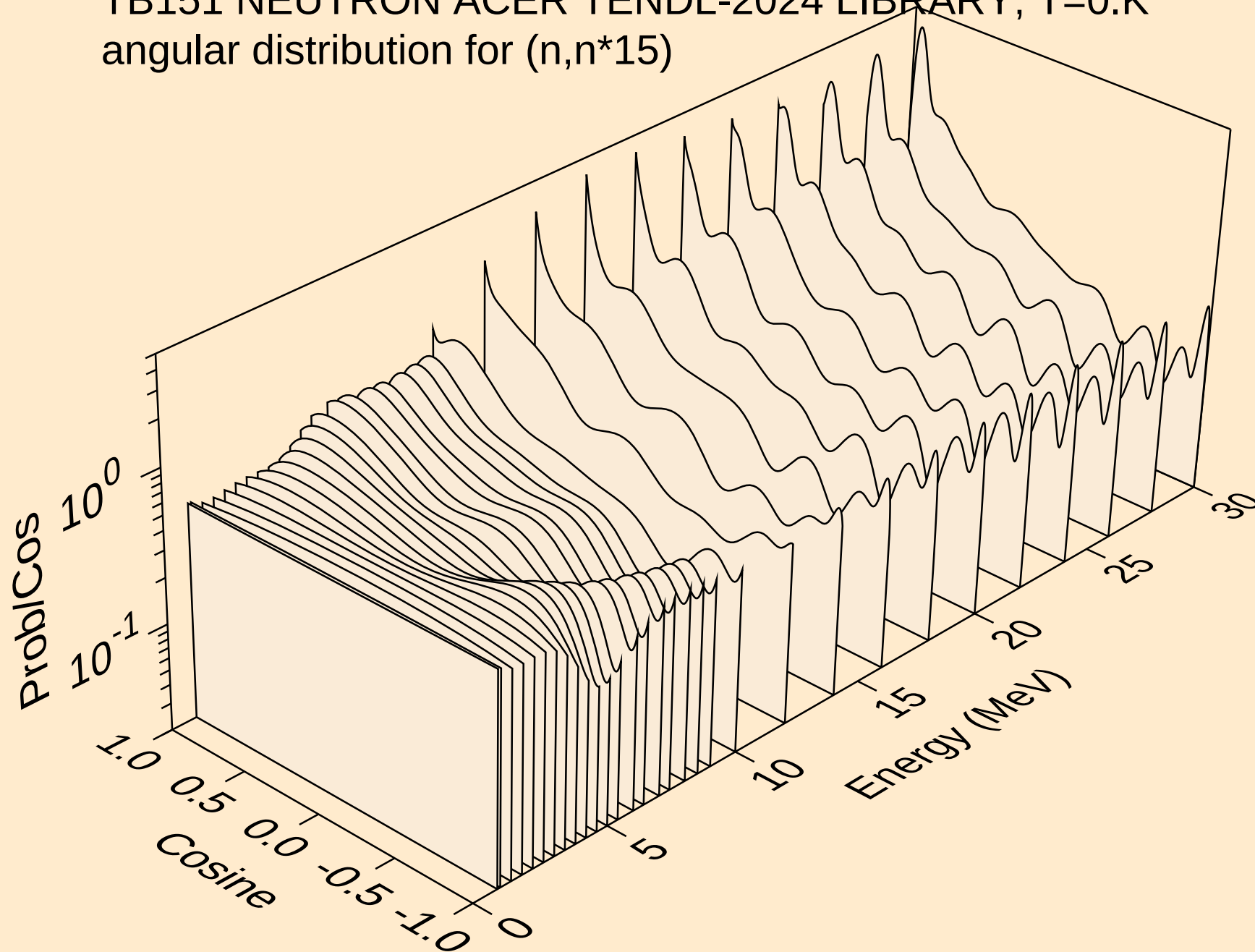
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*13)



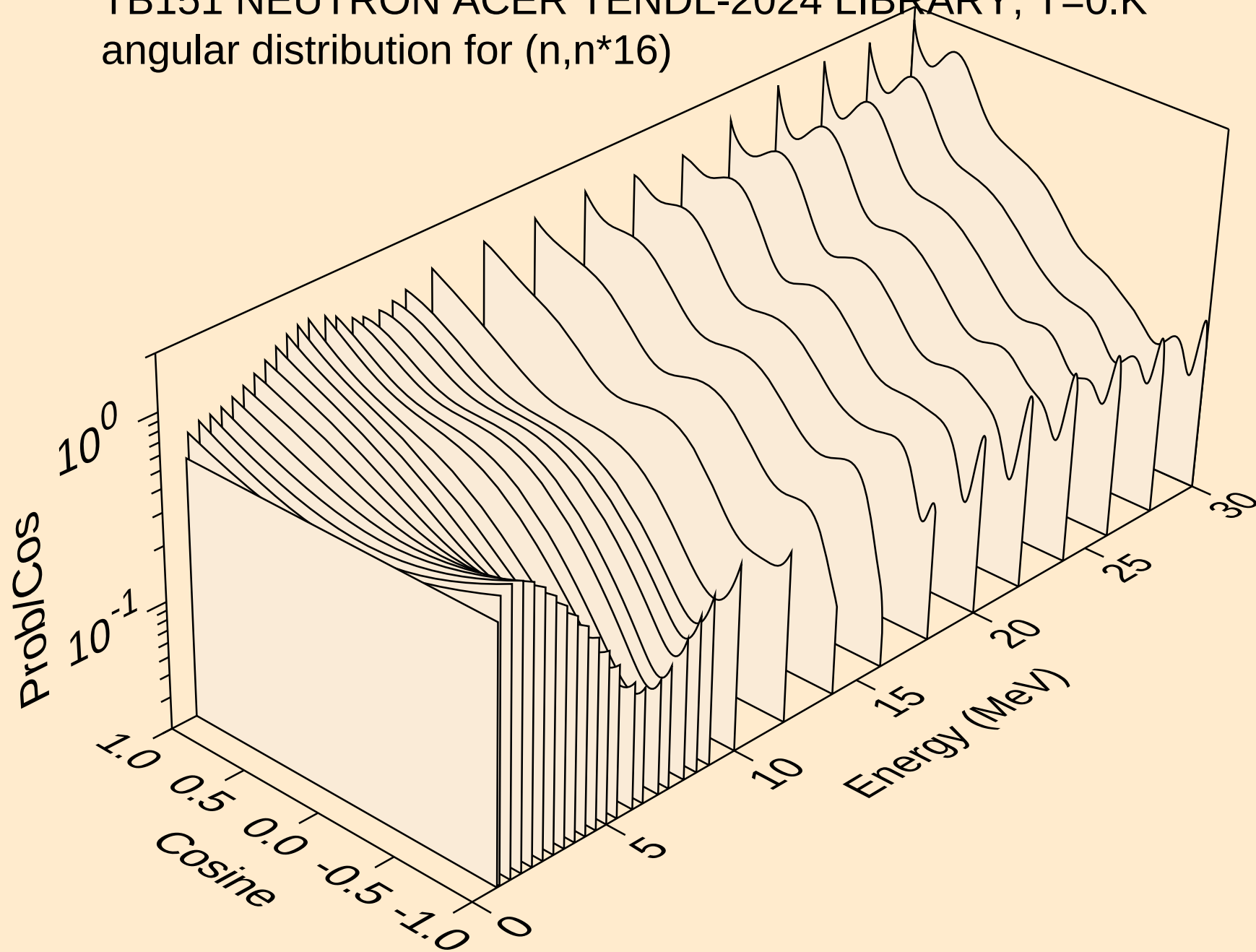
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angular distribution for (n,n*14)



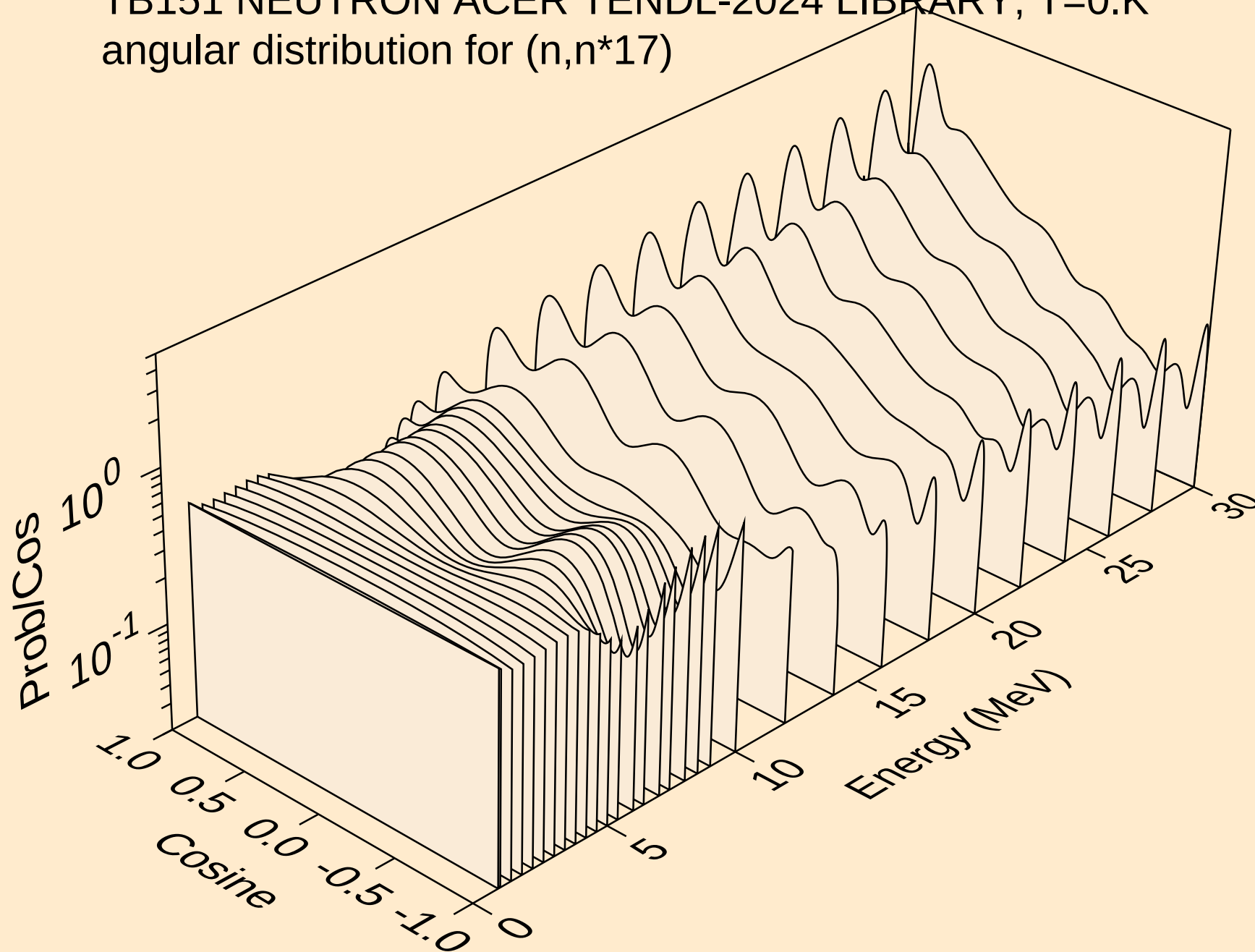
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*15)



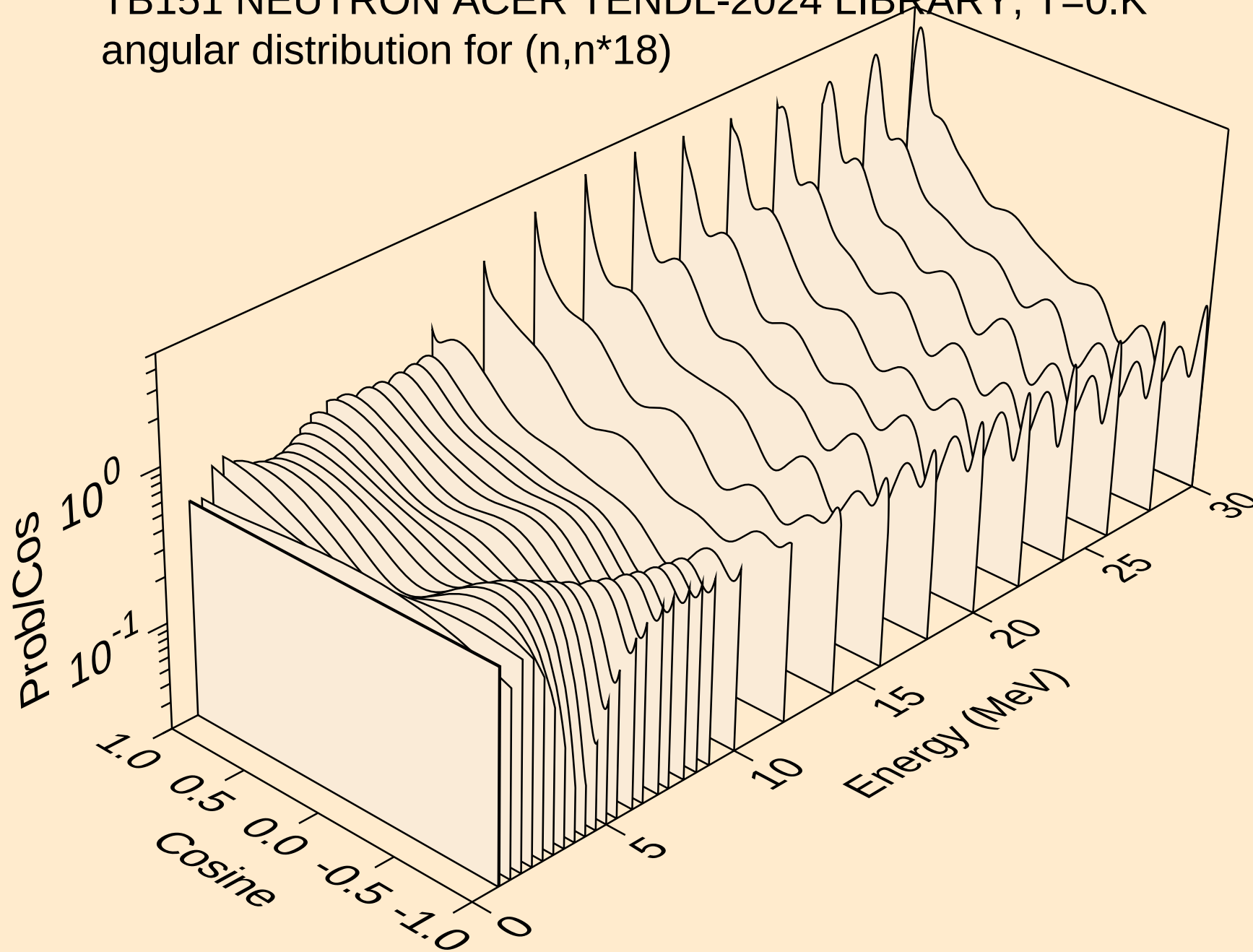
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*16)



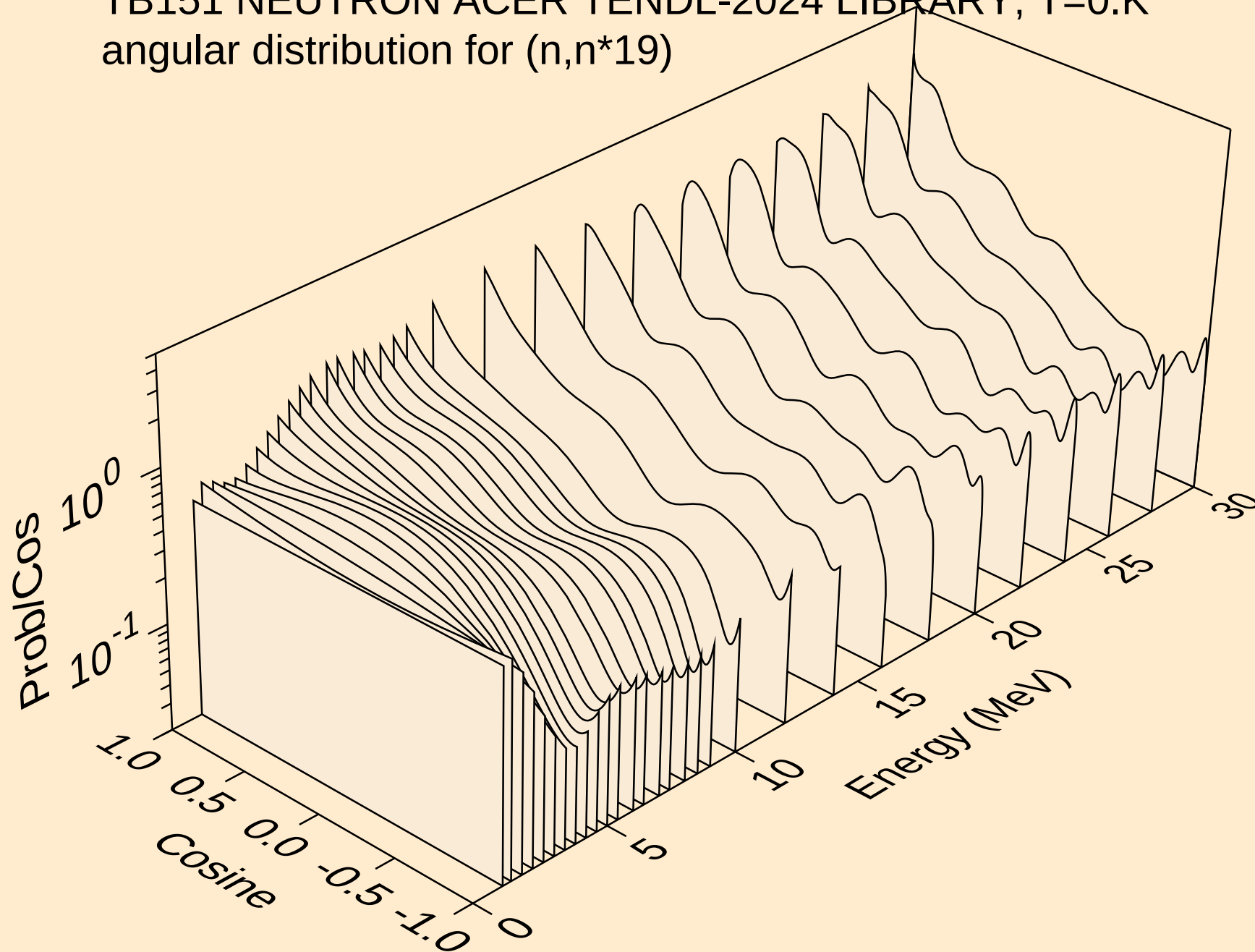
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angular distribution for (n,n*17)



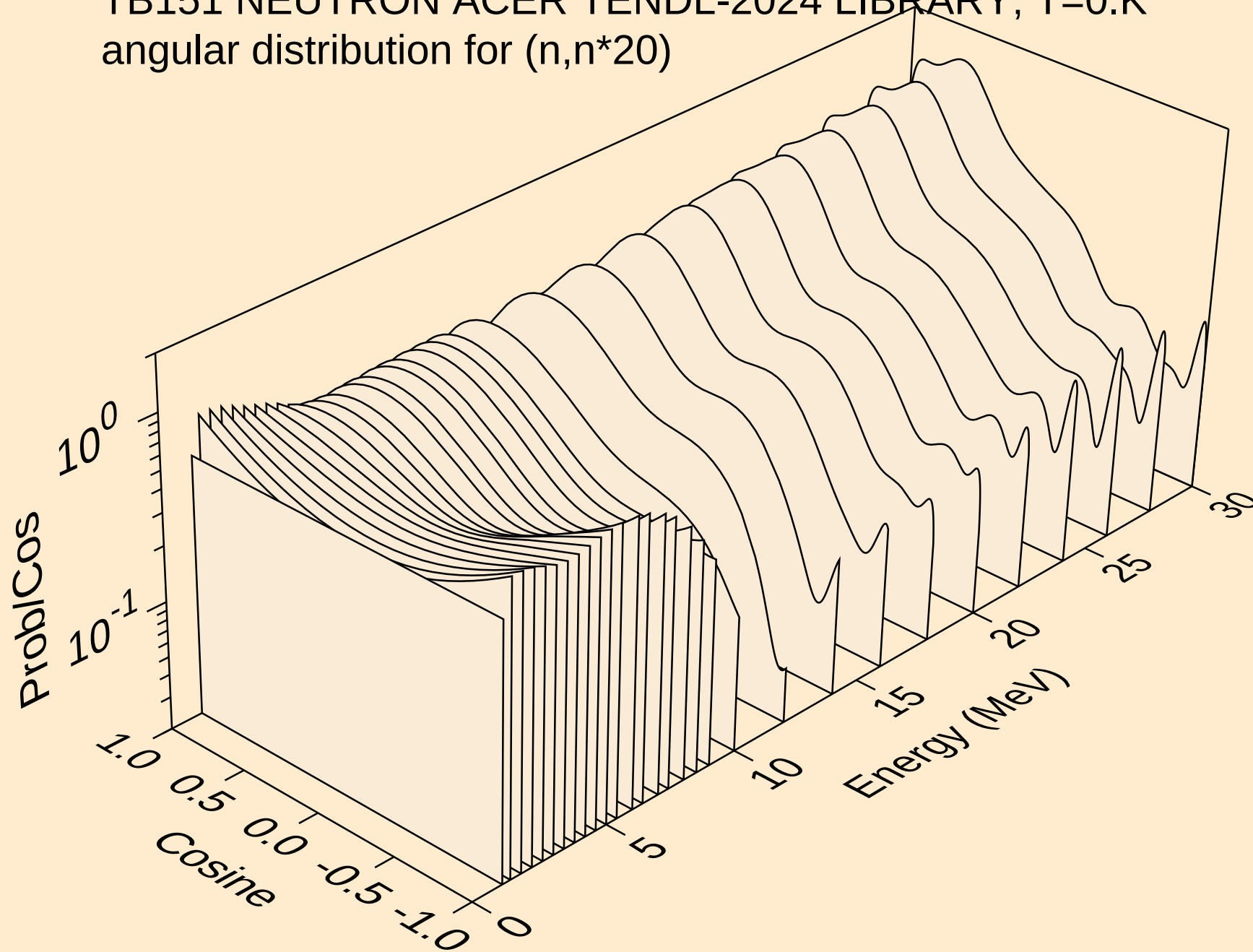
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*18)



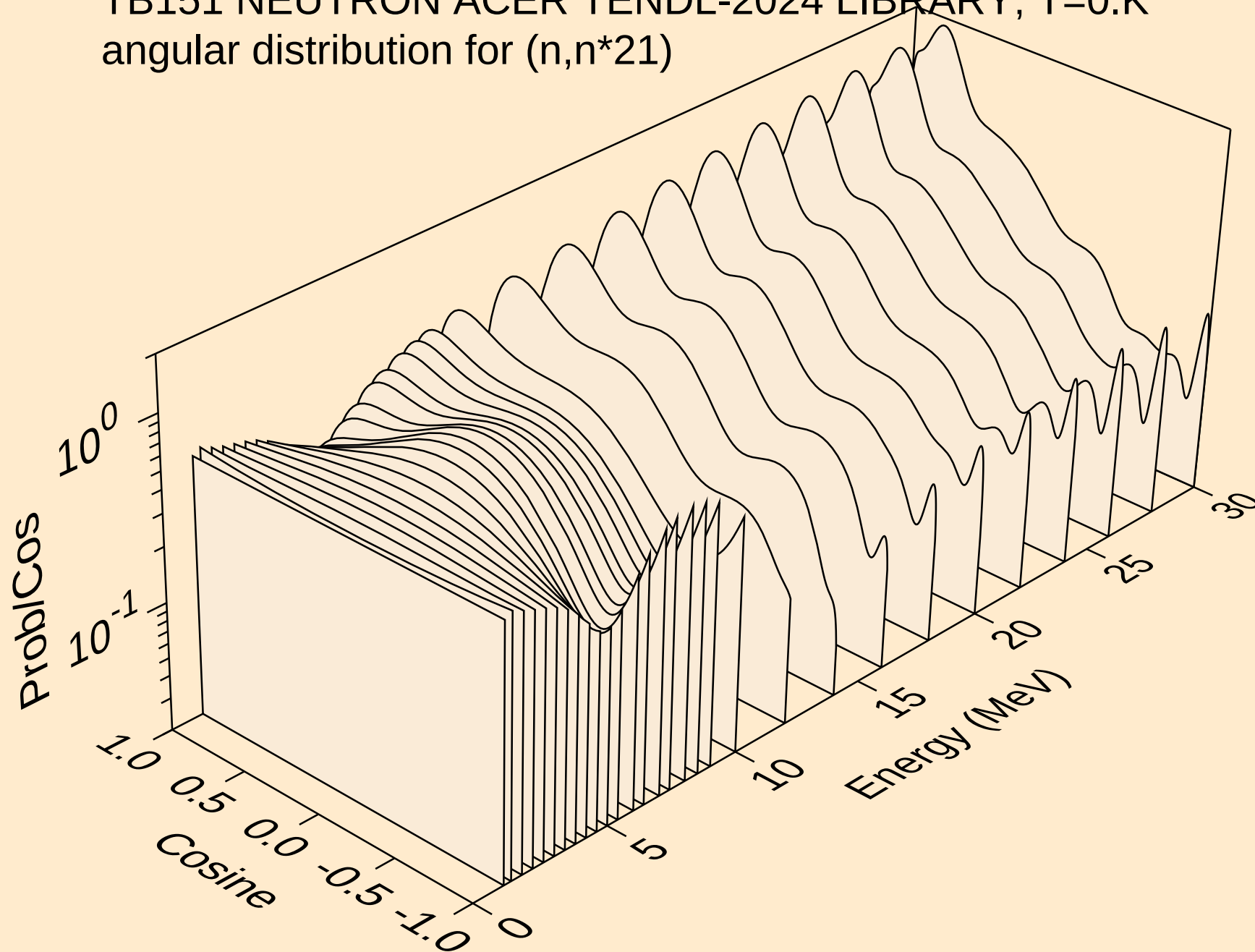
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*19)



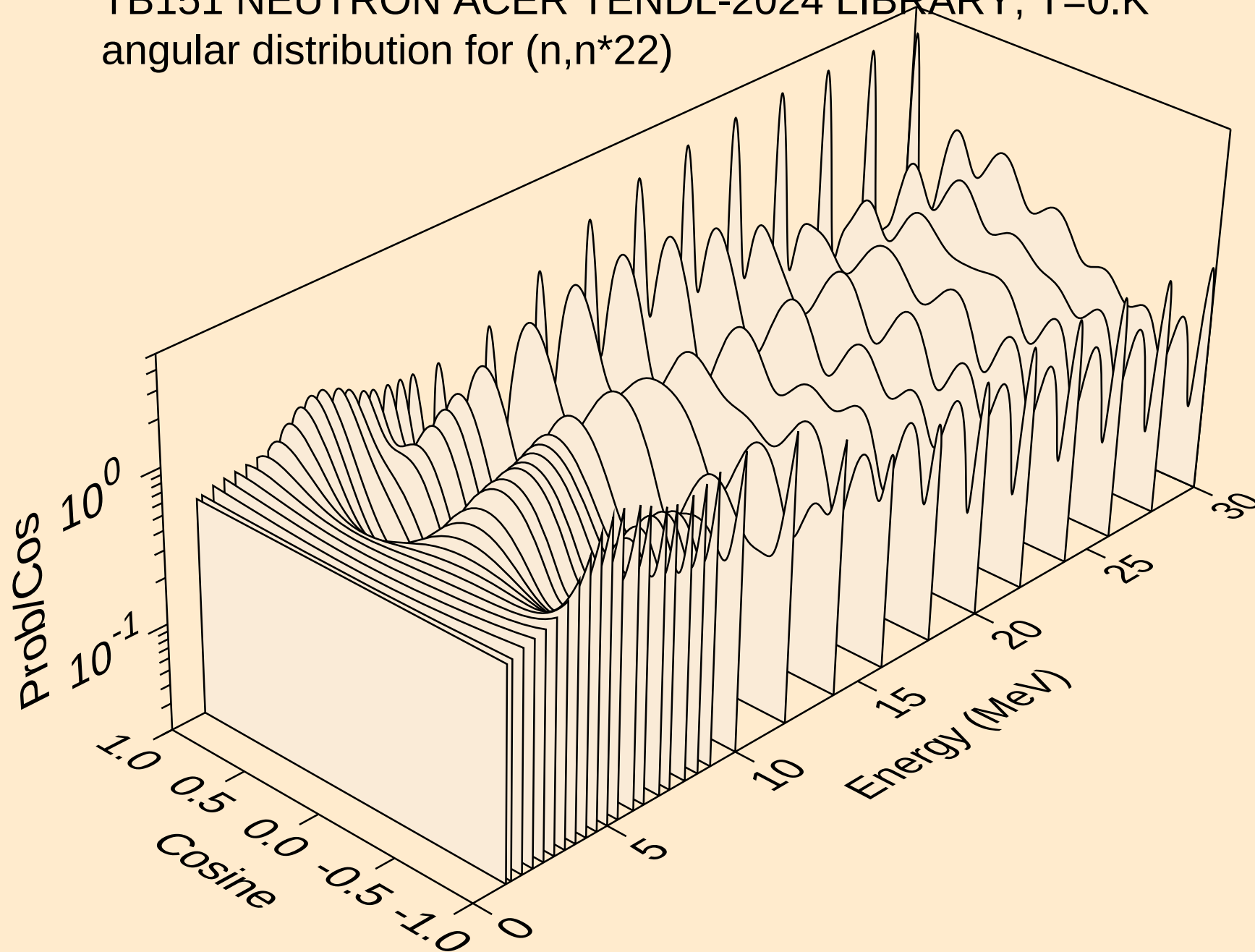
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*20)



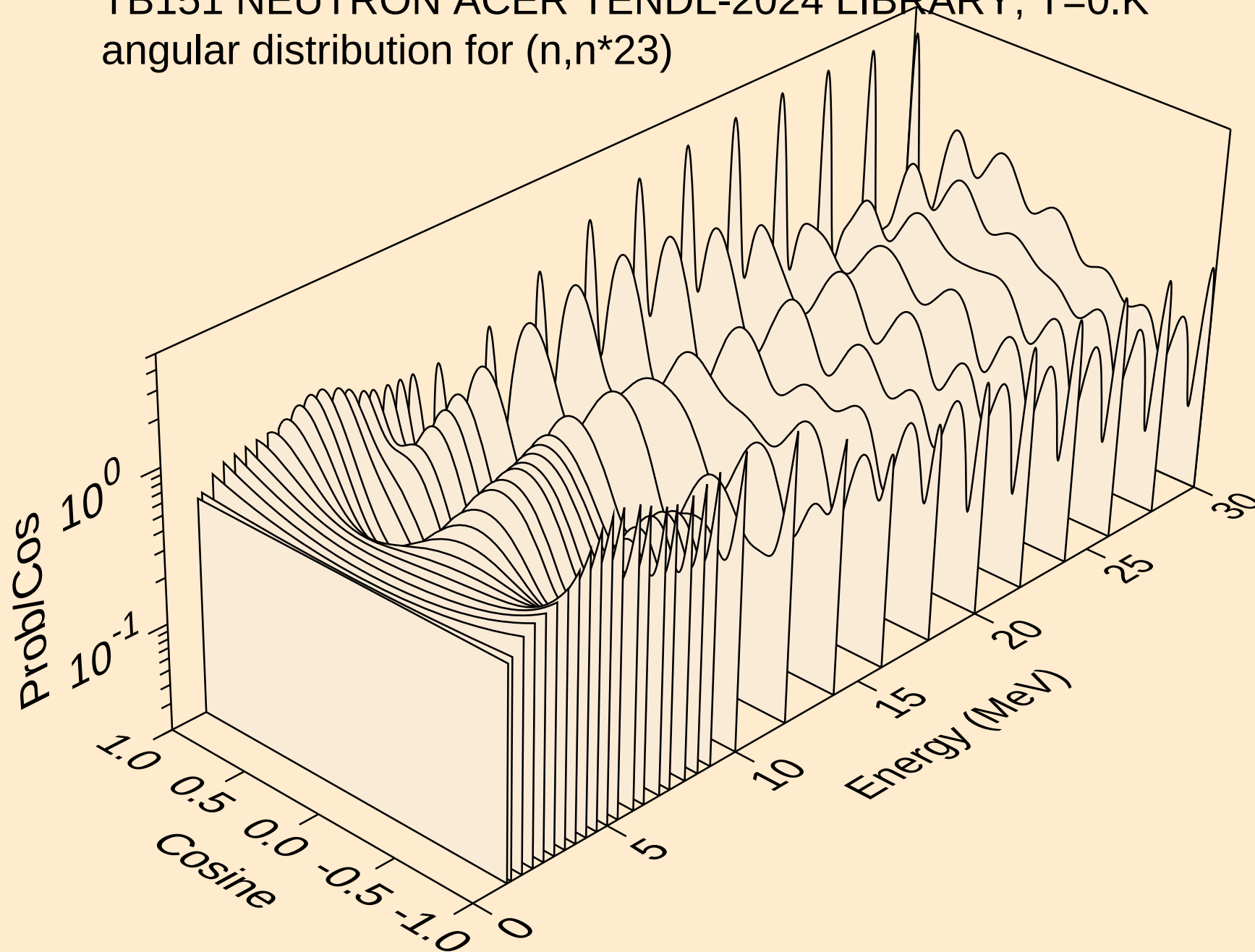
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*21)



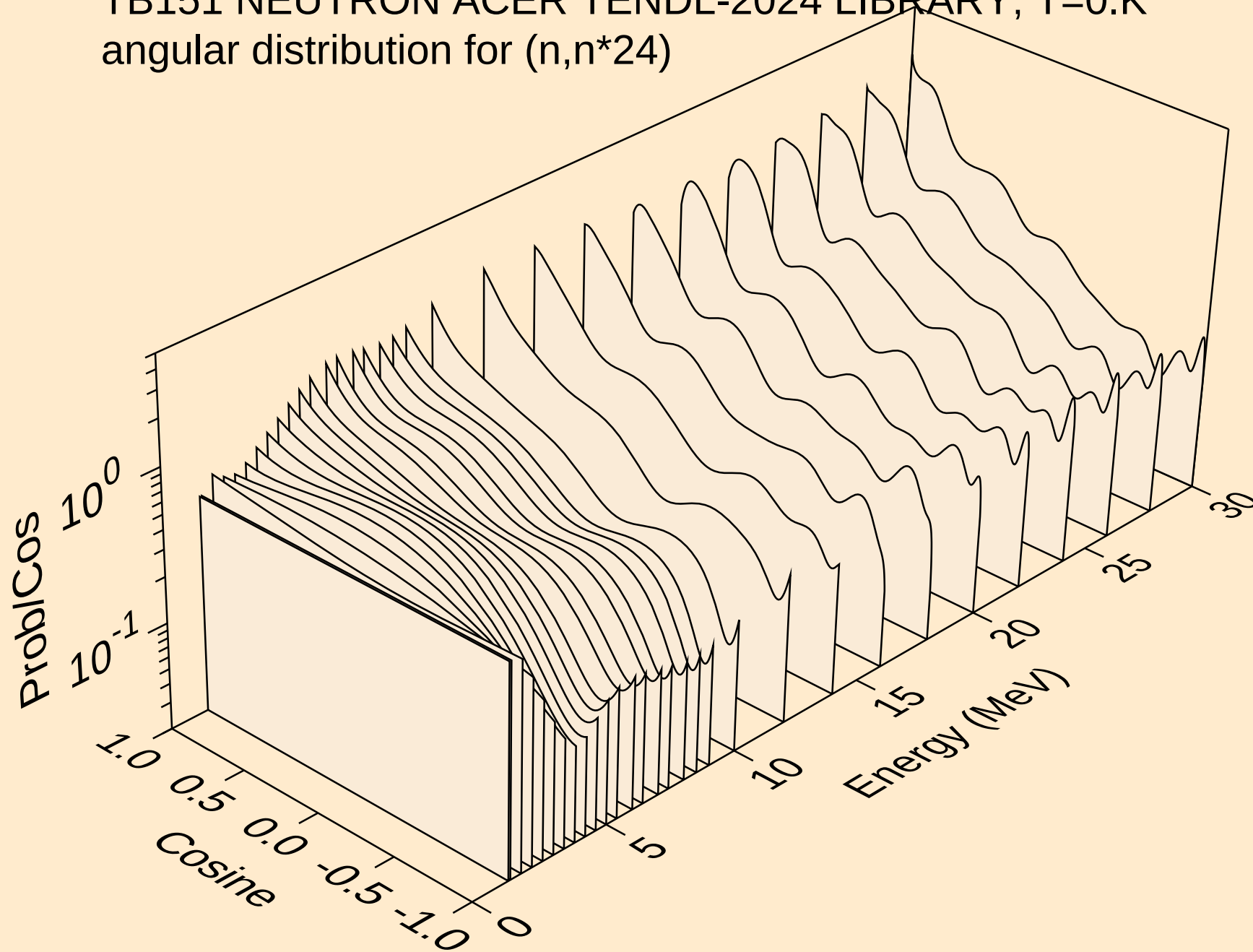
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*22)



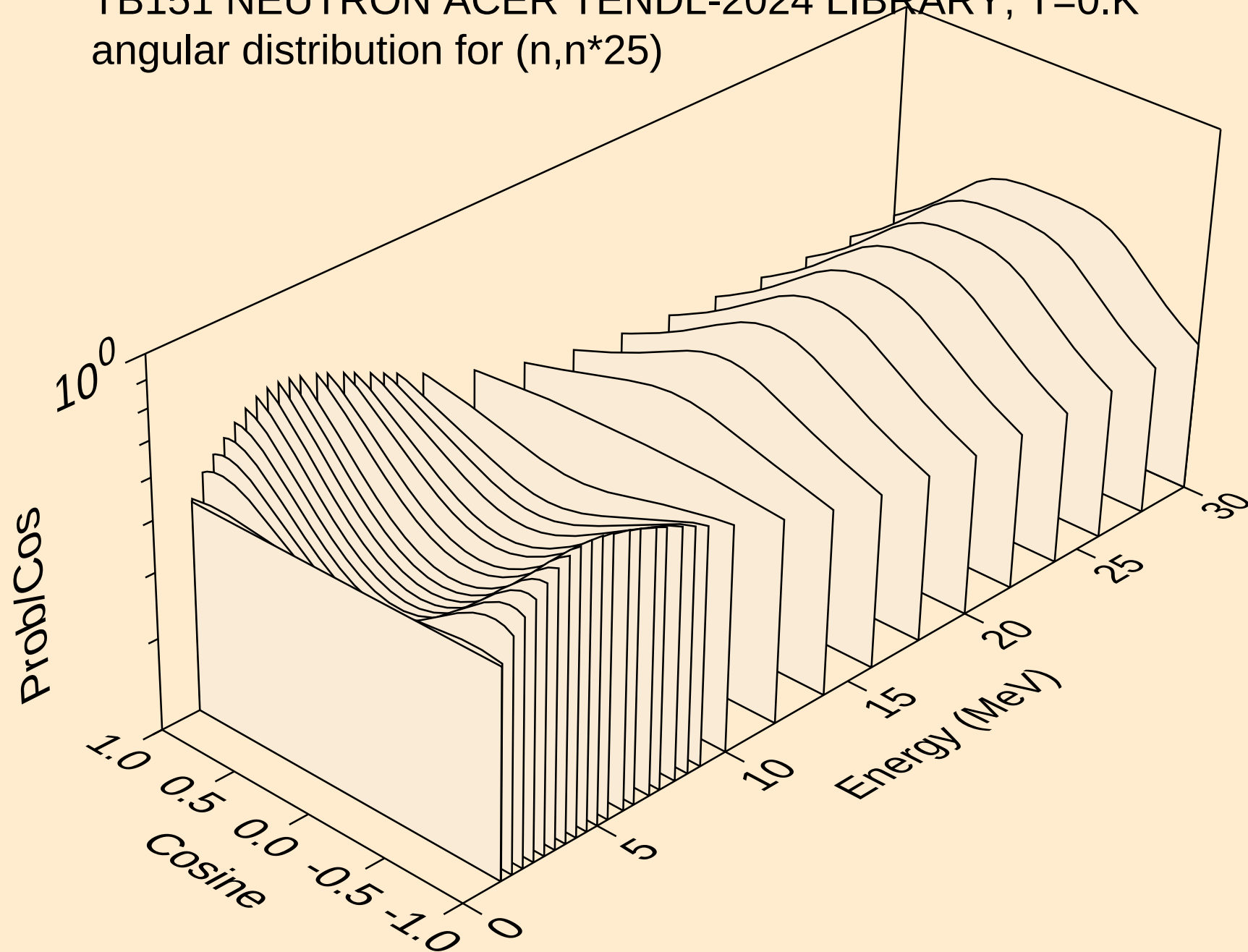
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angular distribution for (n,n*23)



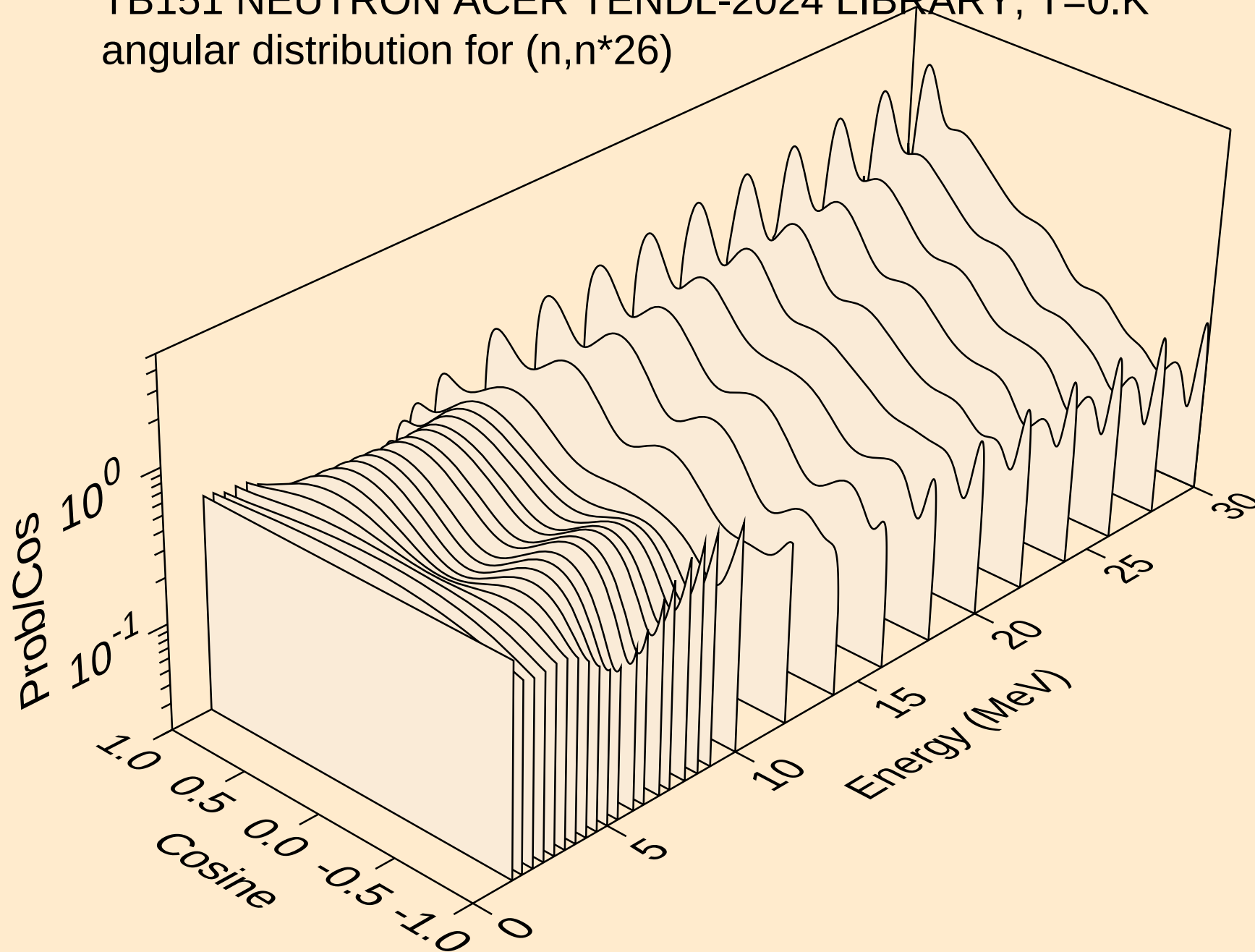
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*24)



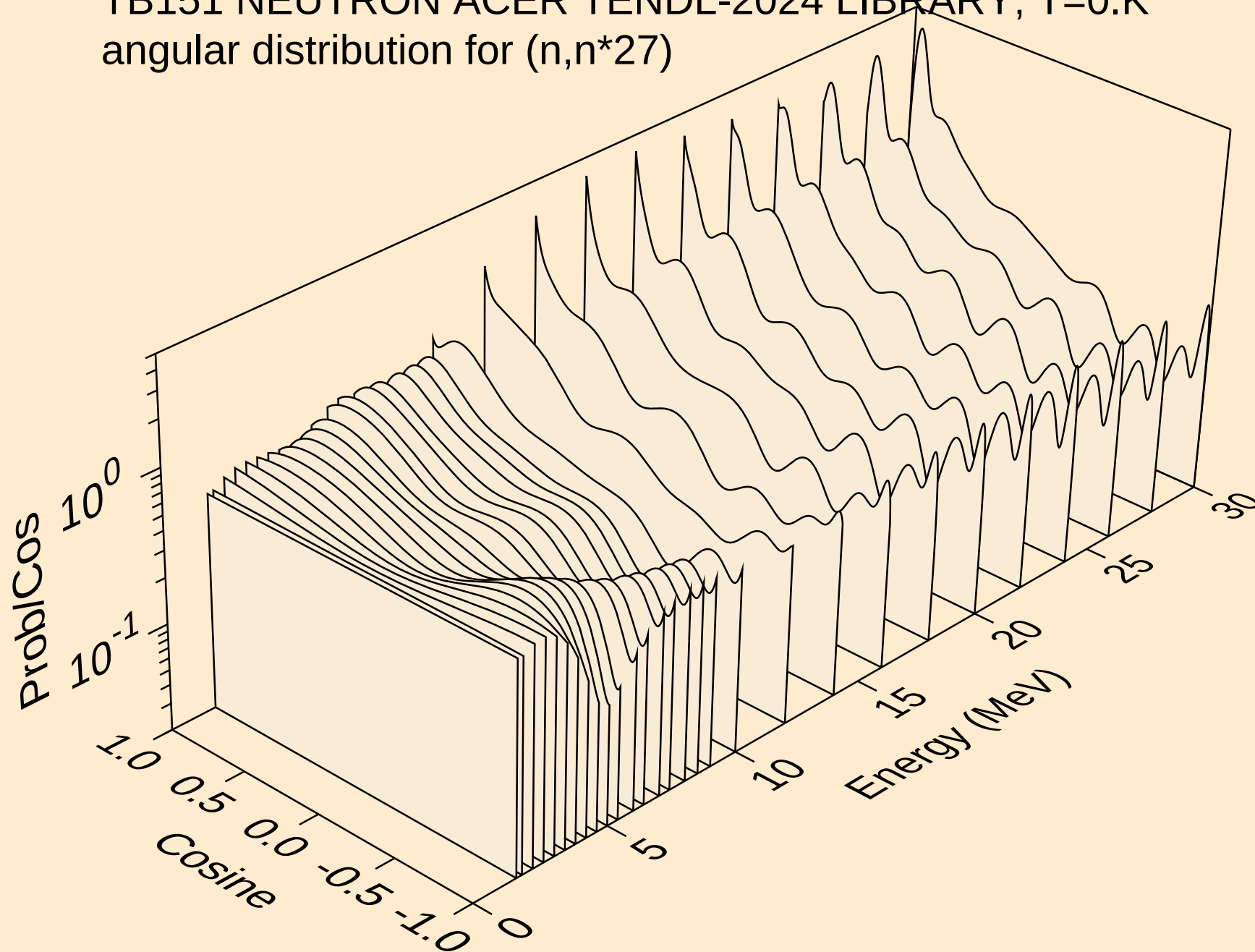
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*25)



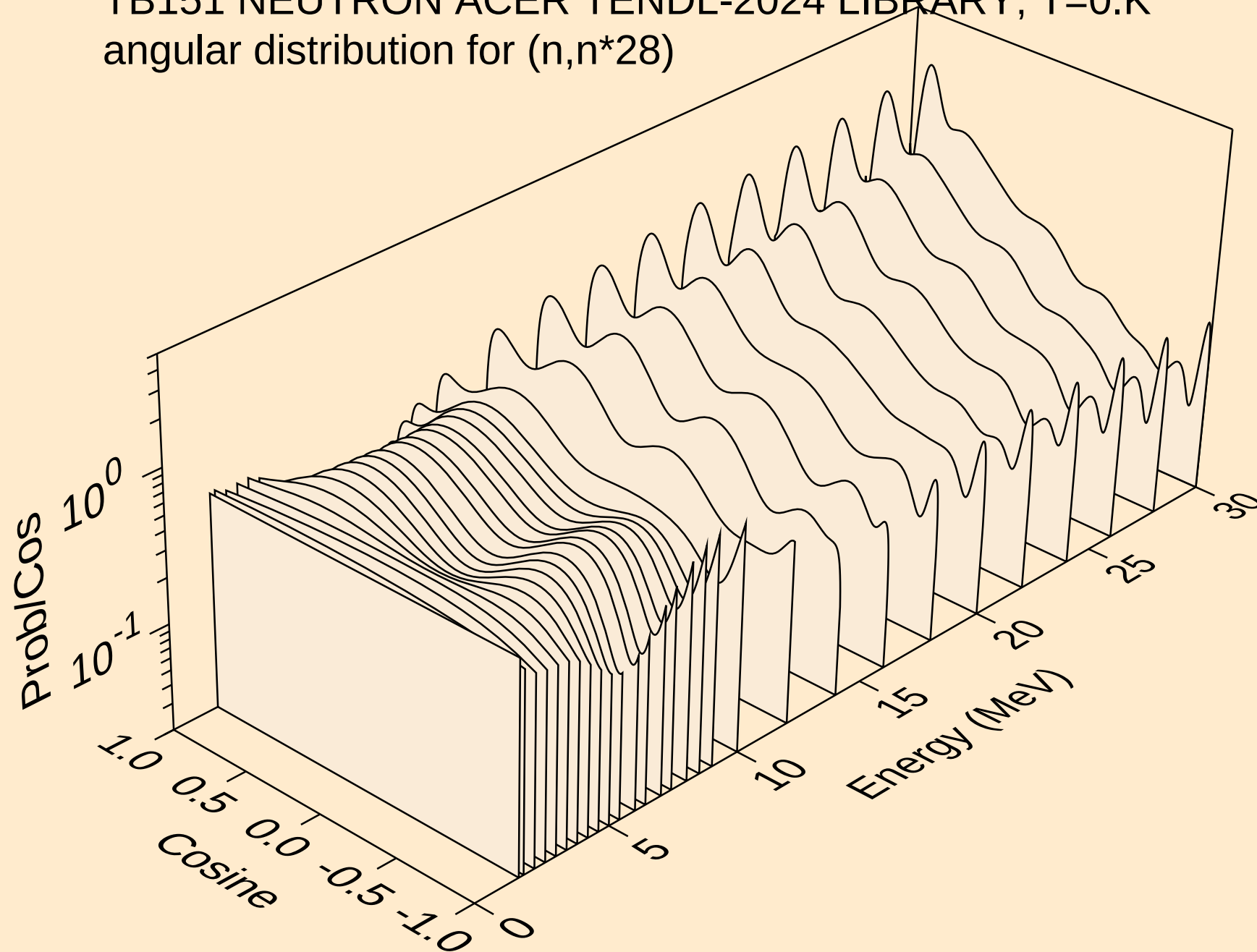
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*26)



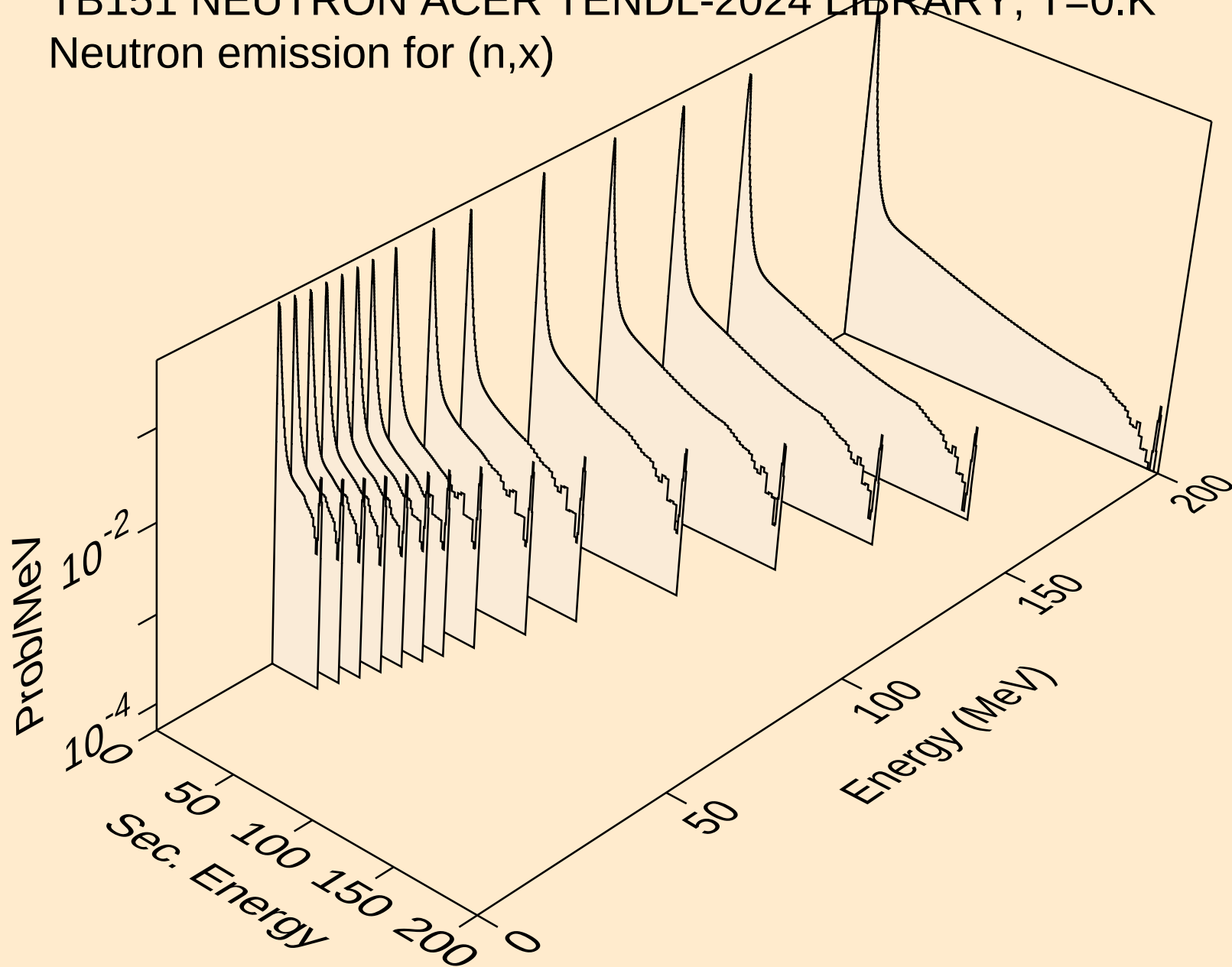
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*27)



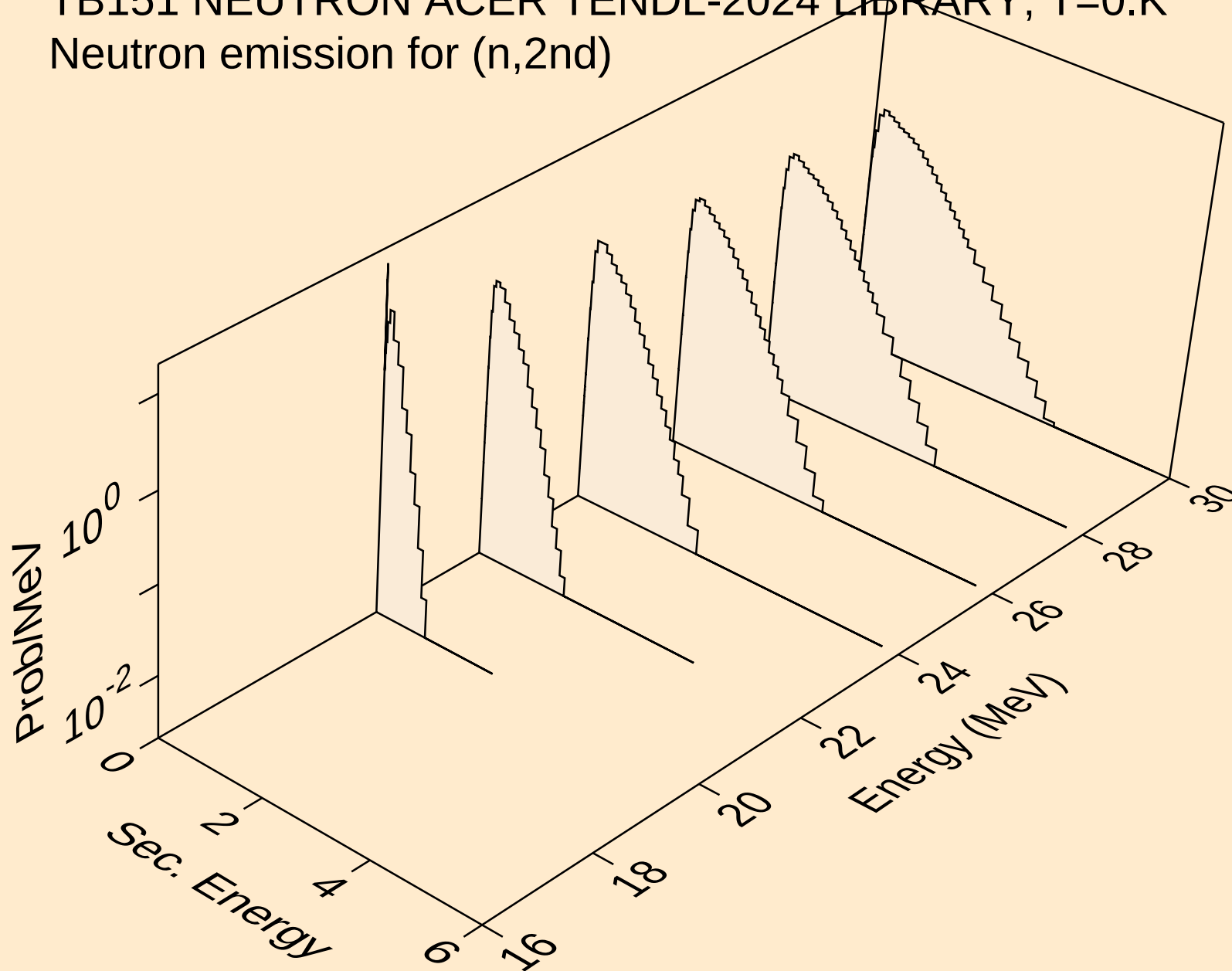
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*28)



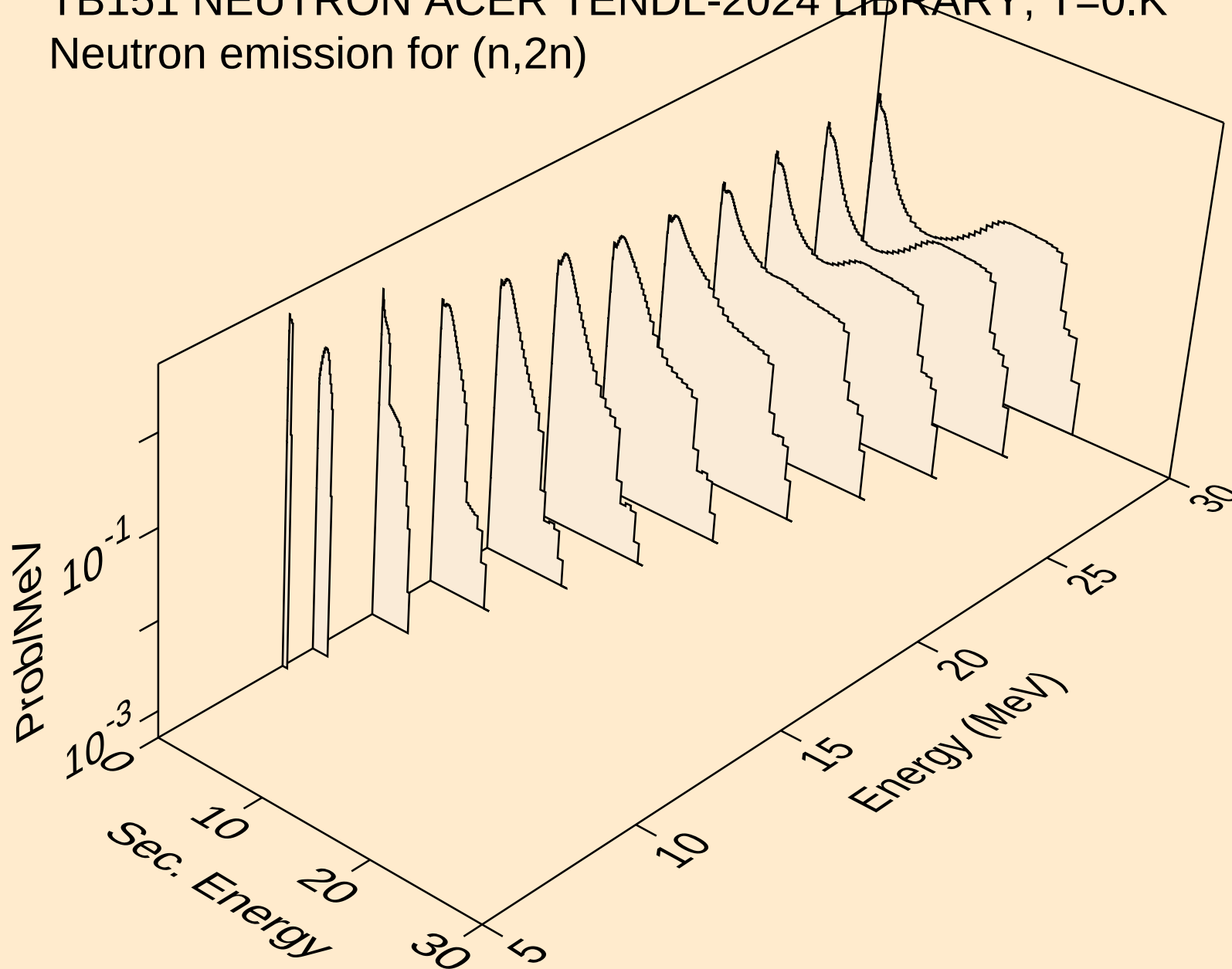
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



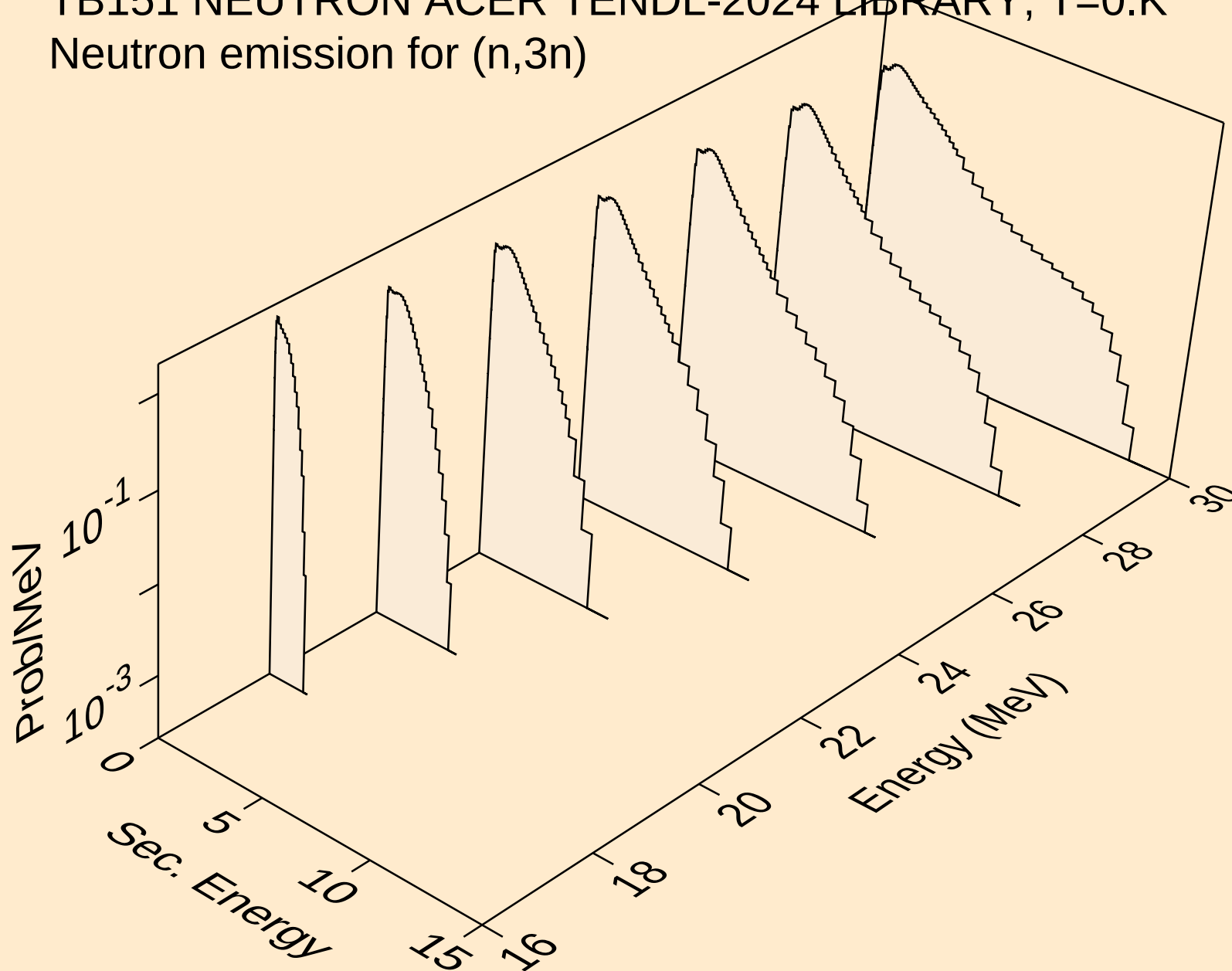
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



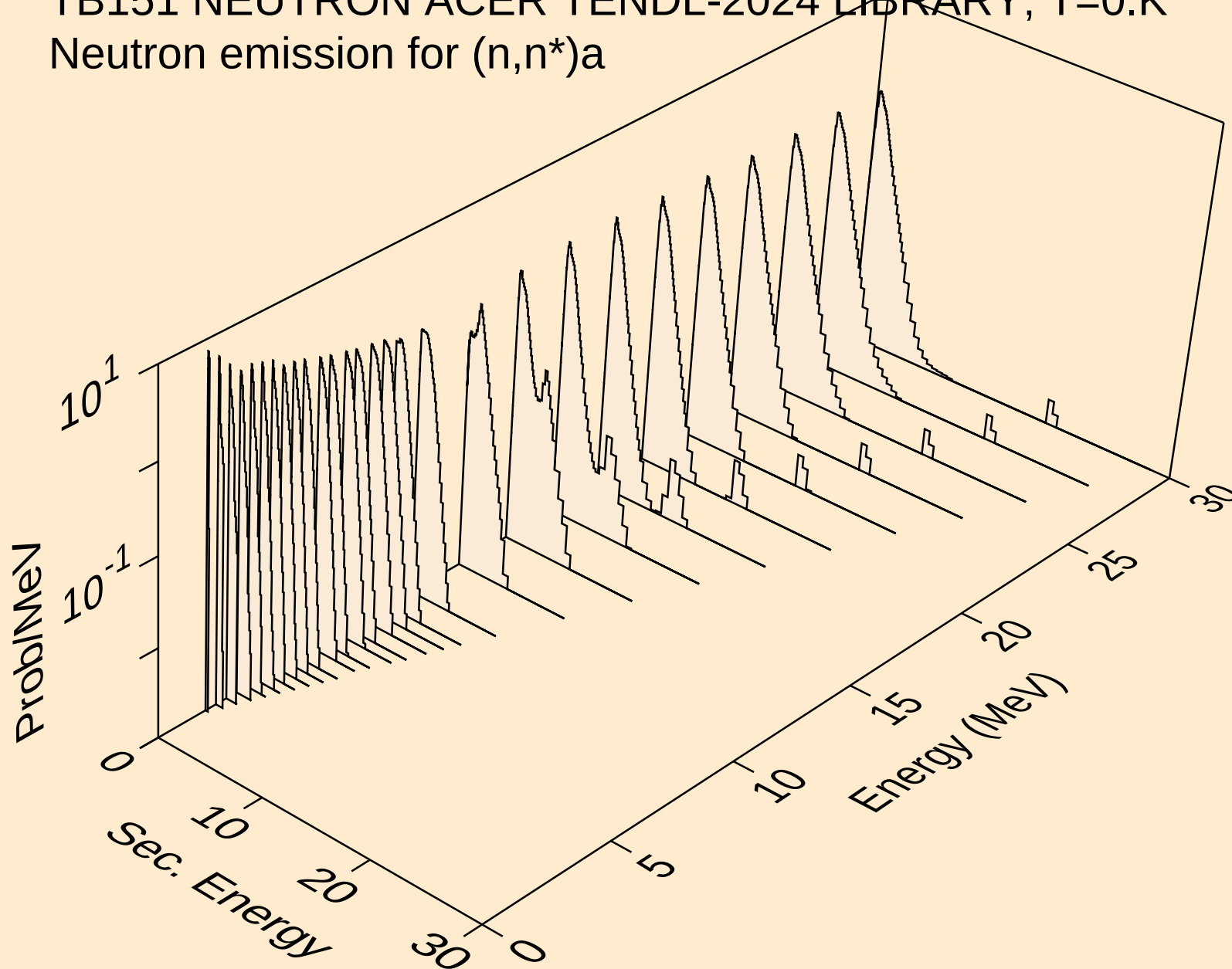
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



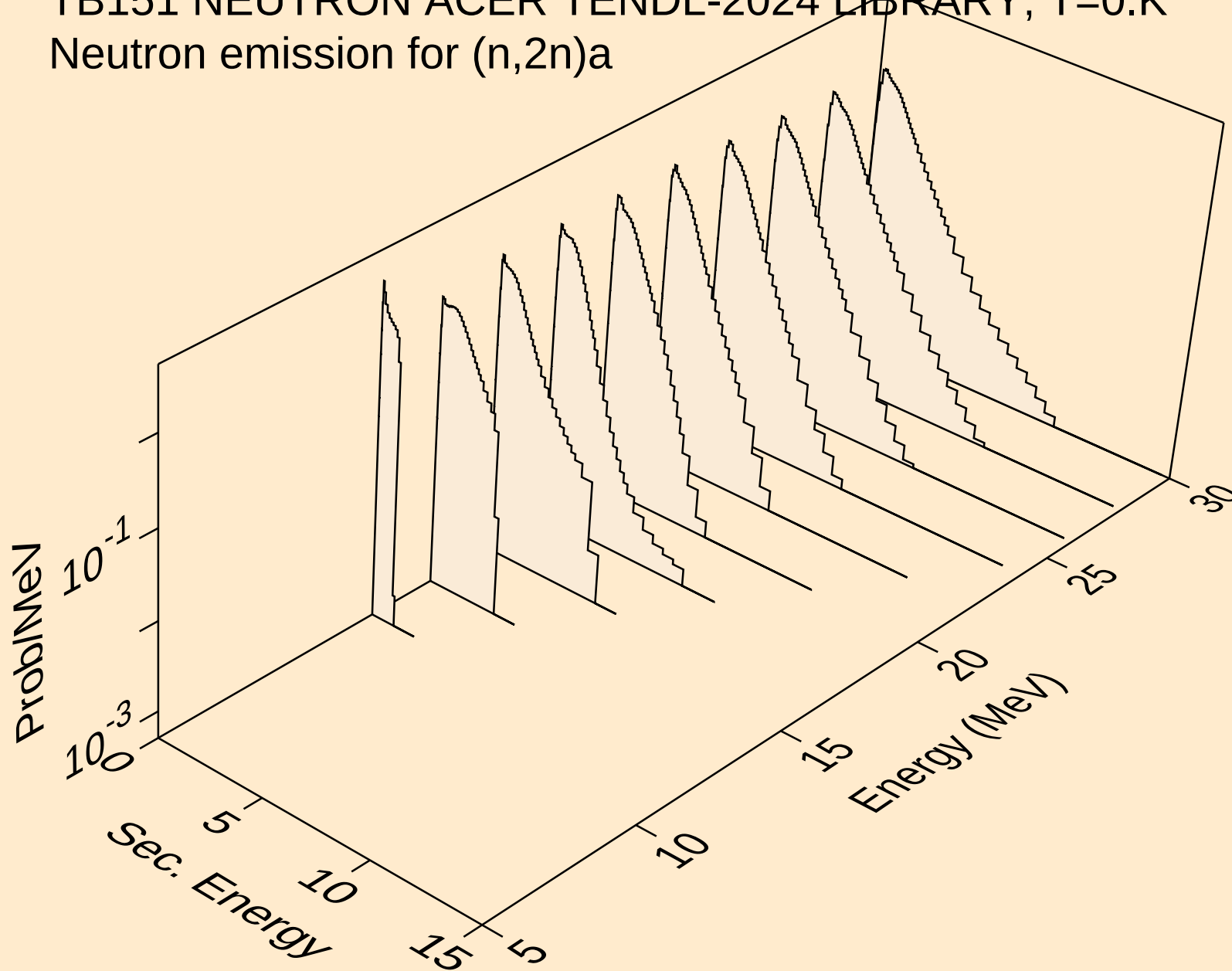
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



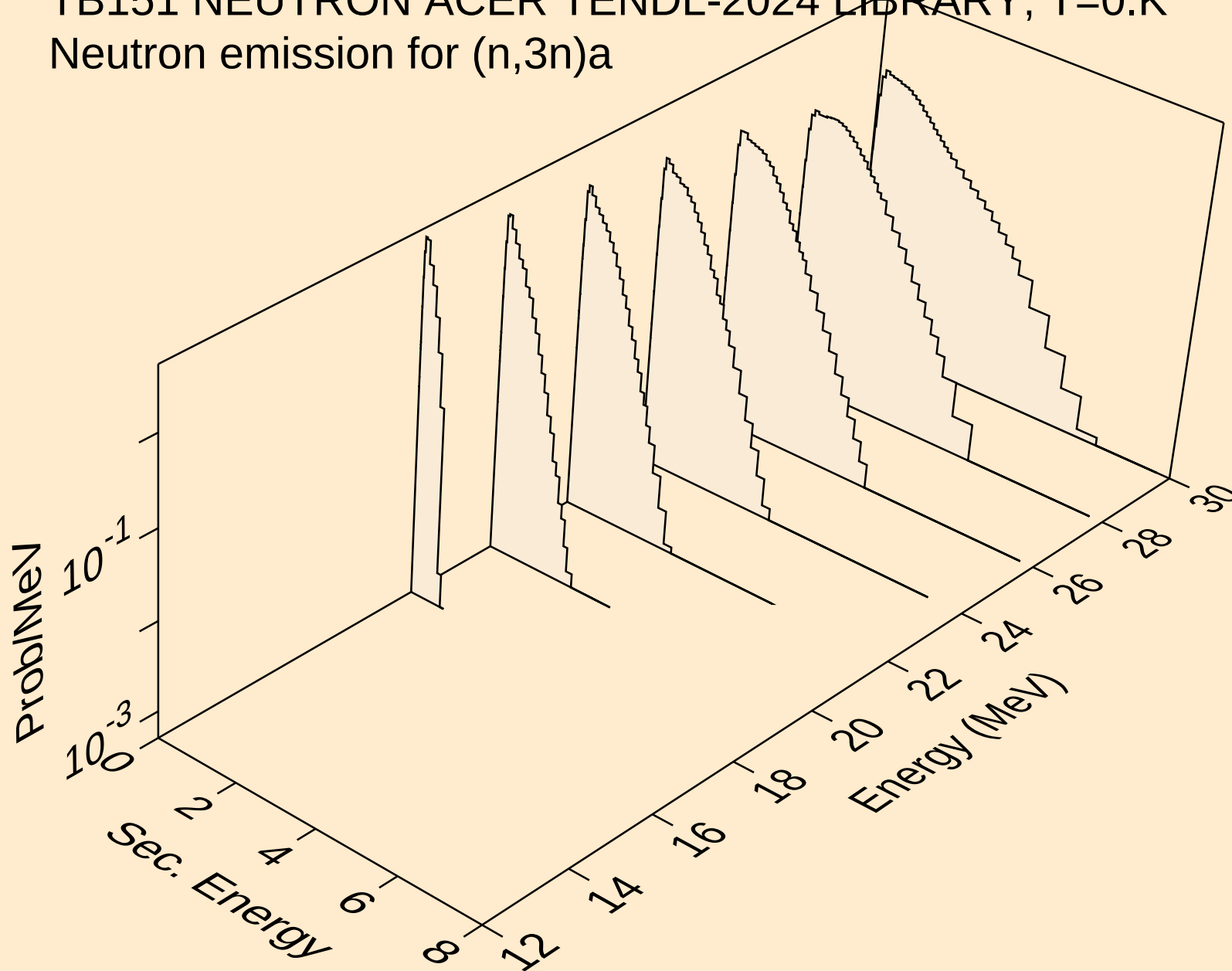
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



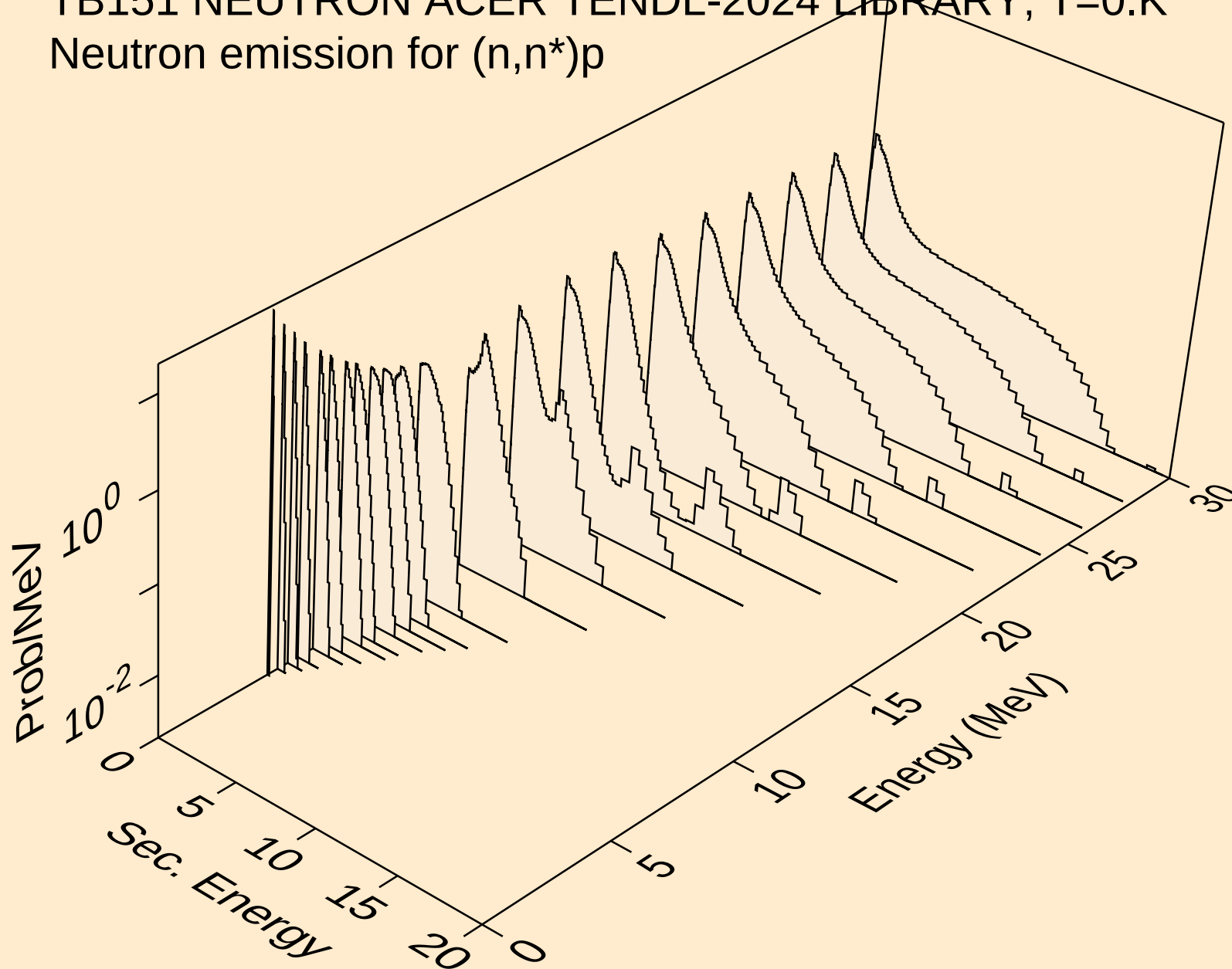
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



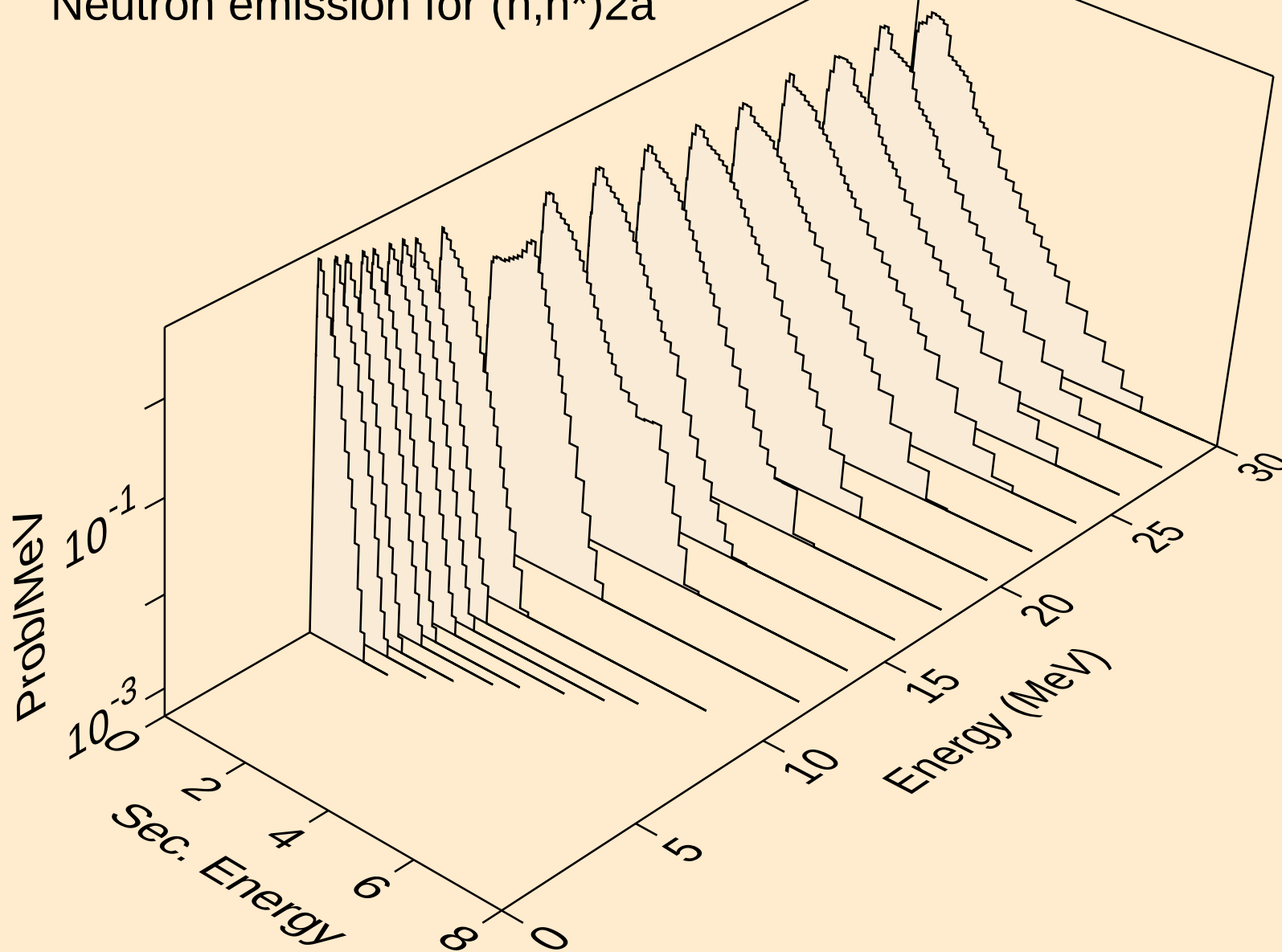
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



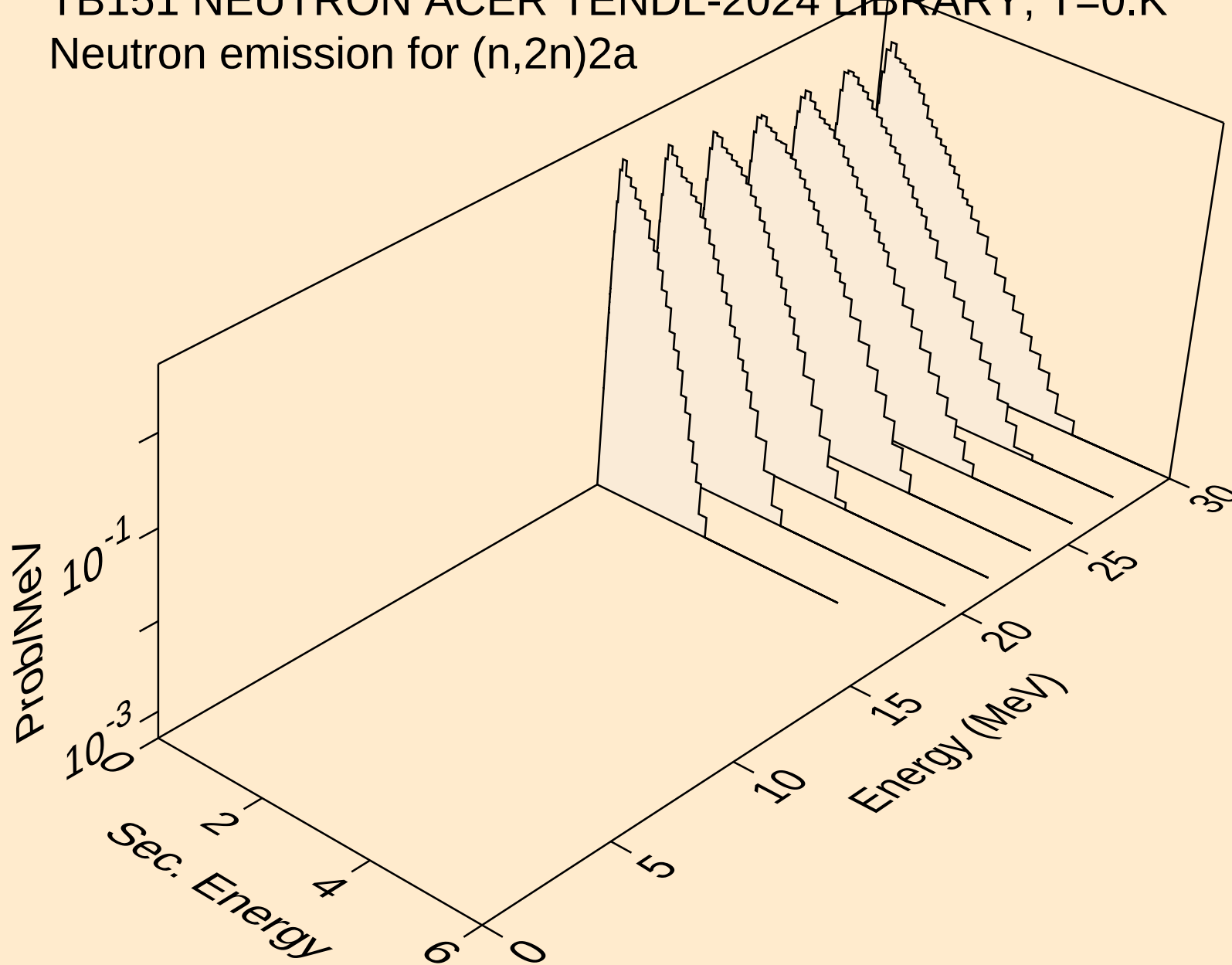
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



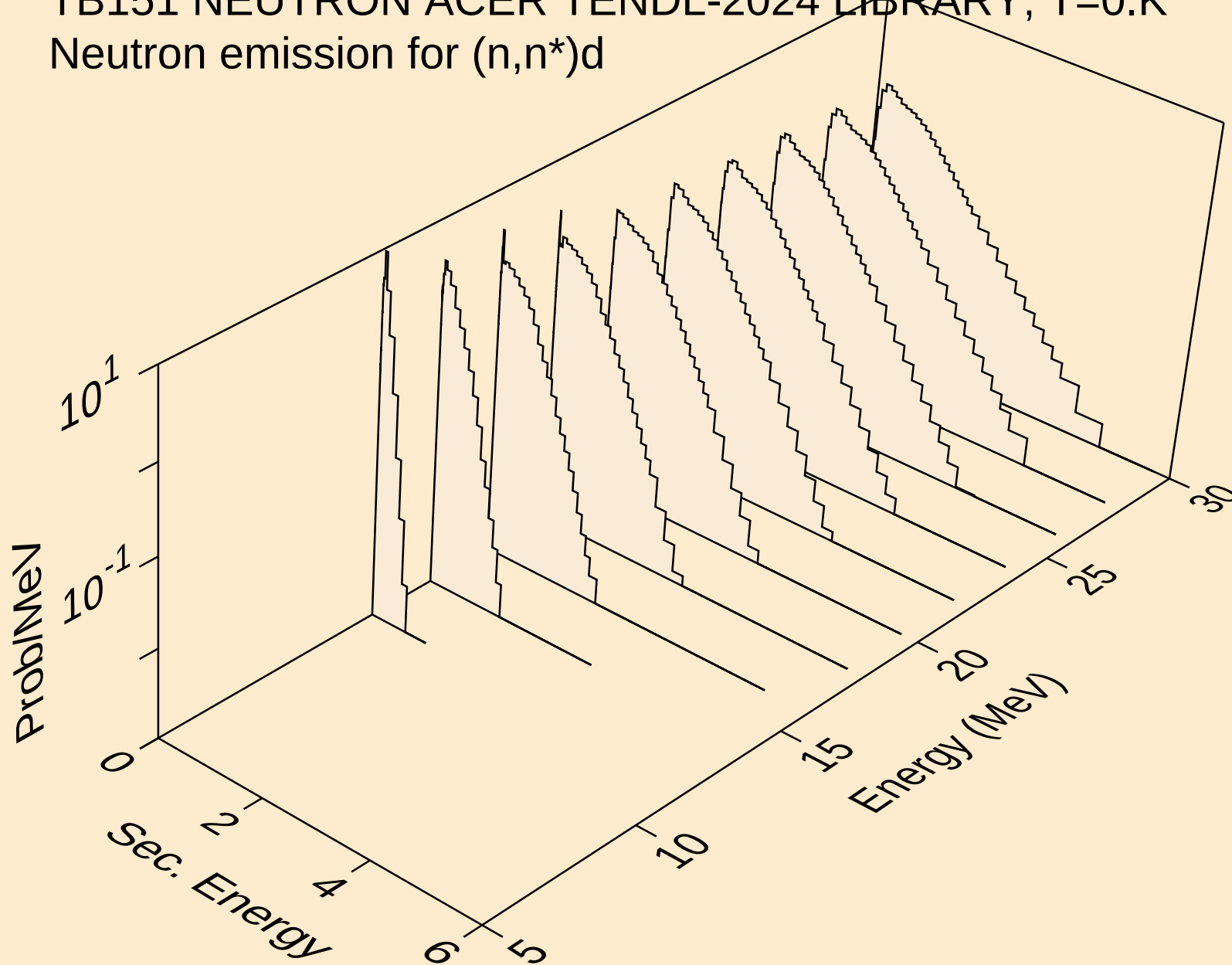
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



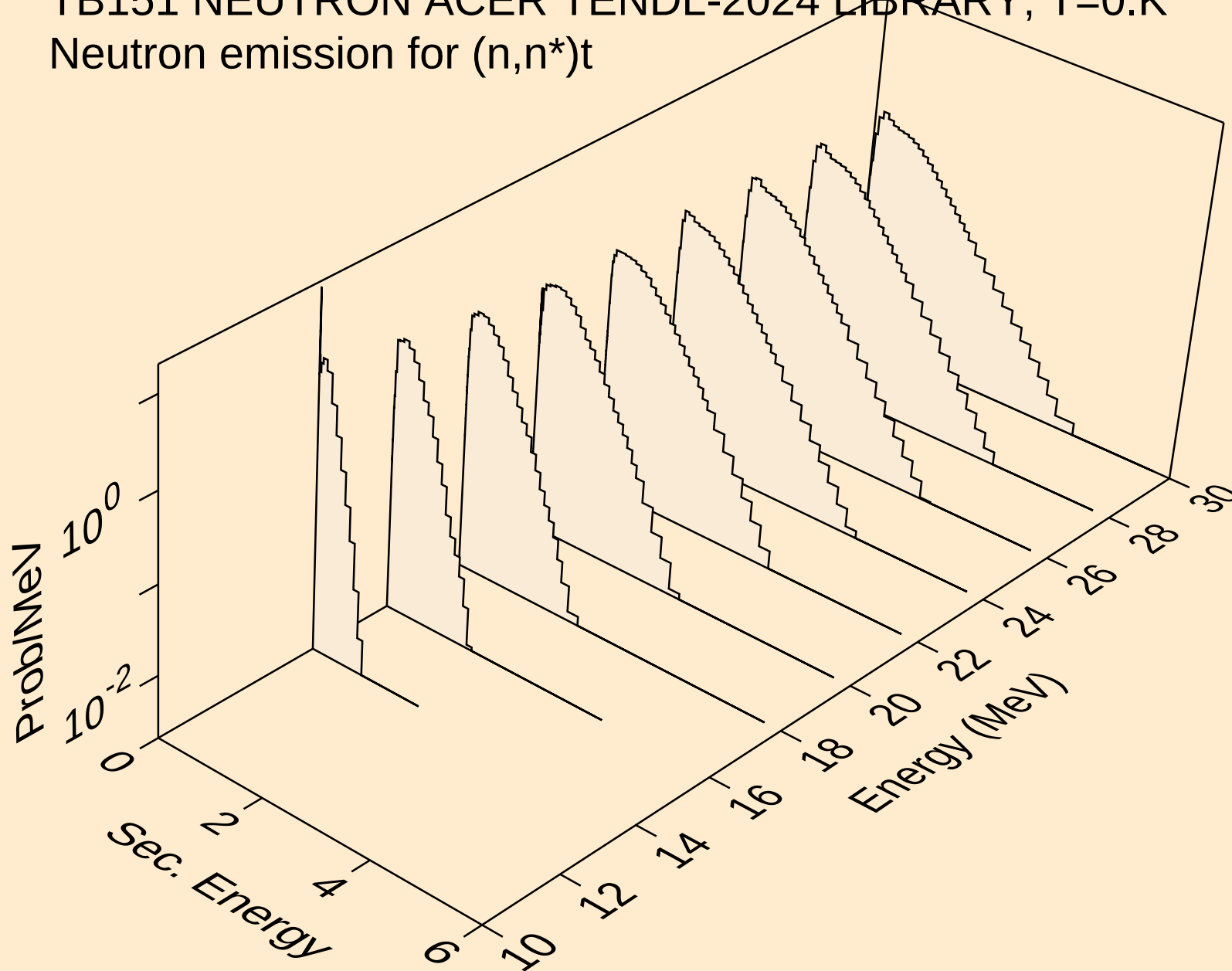
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



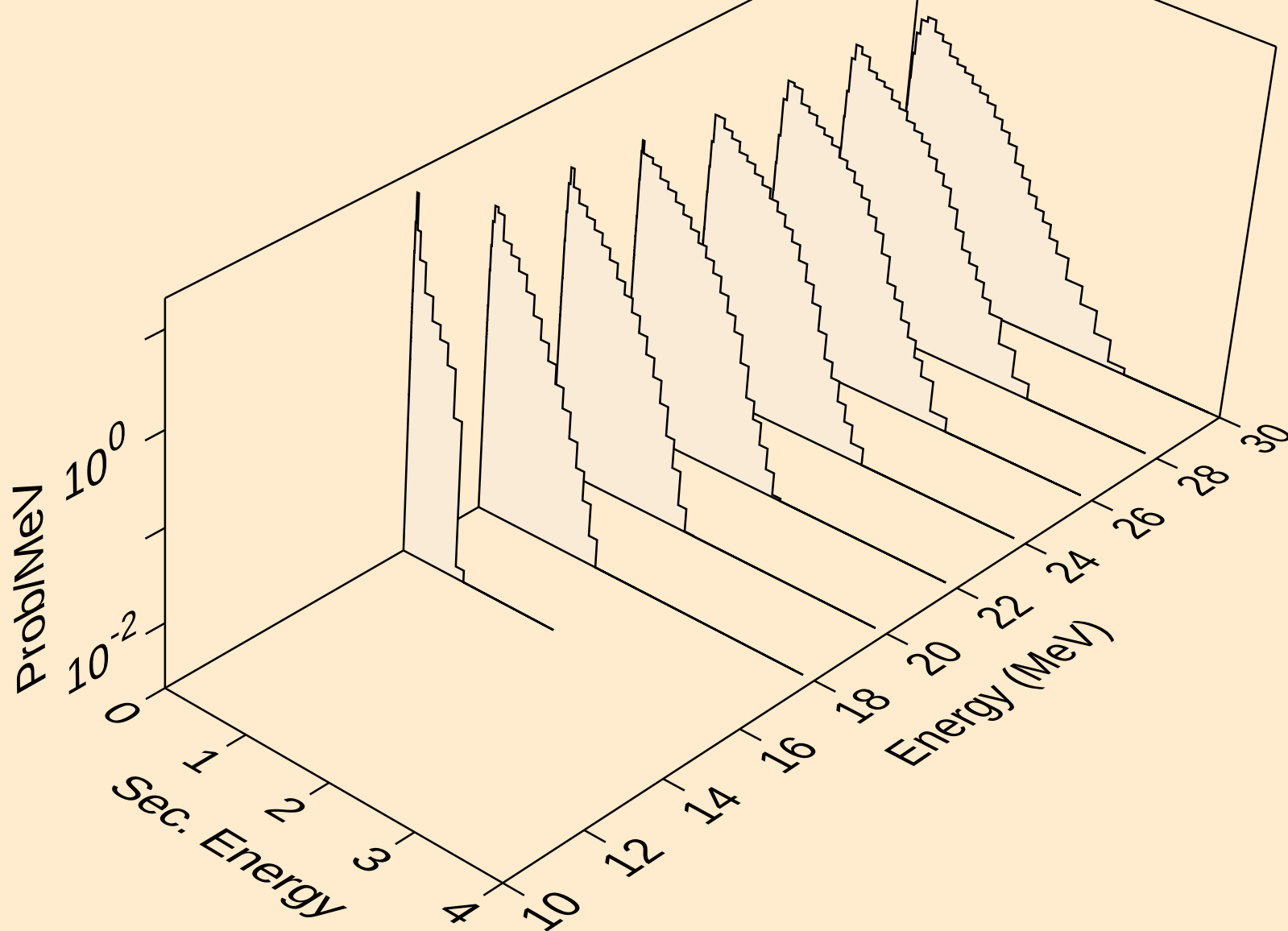
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



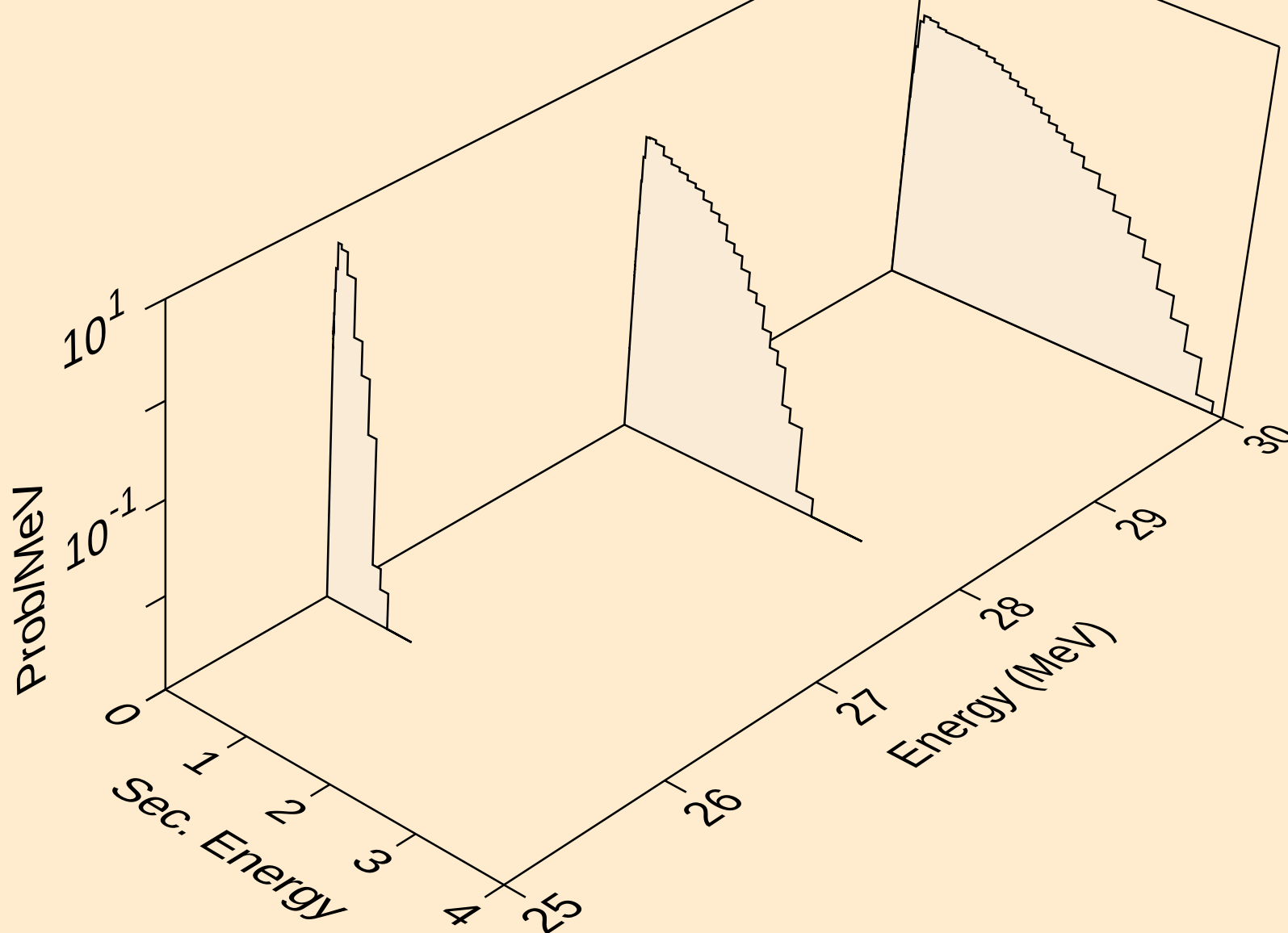
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



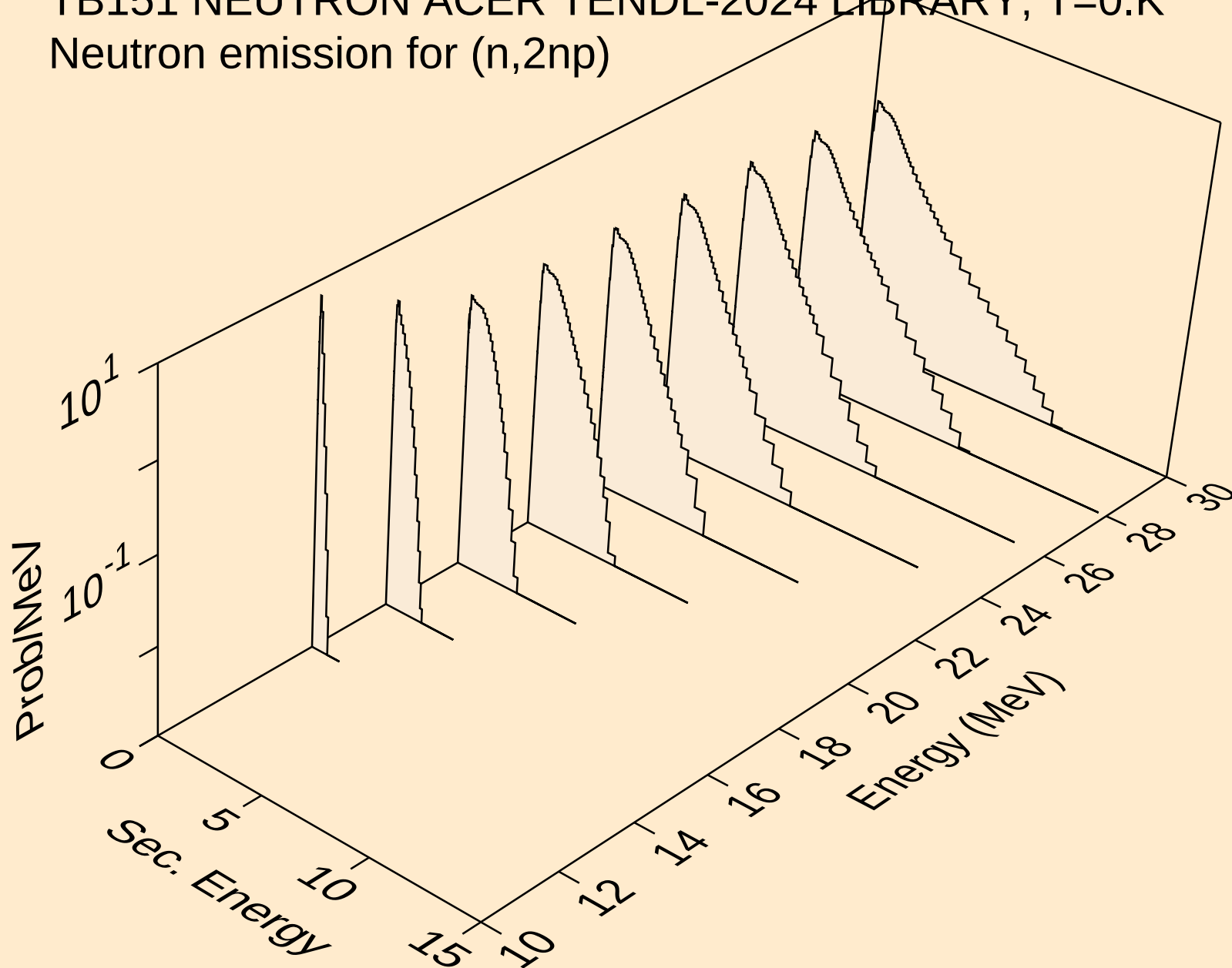
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



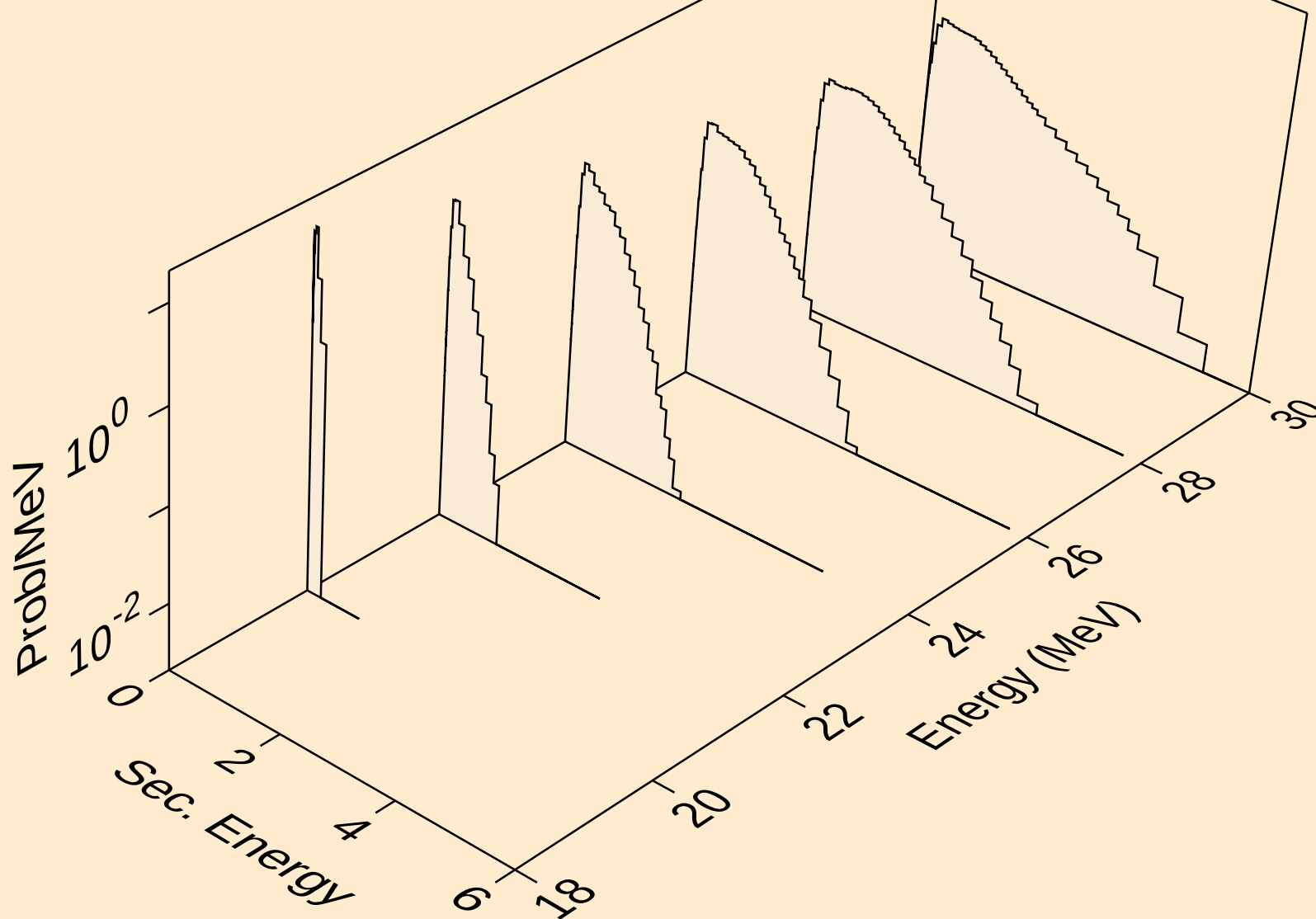
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,4n)



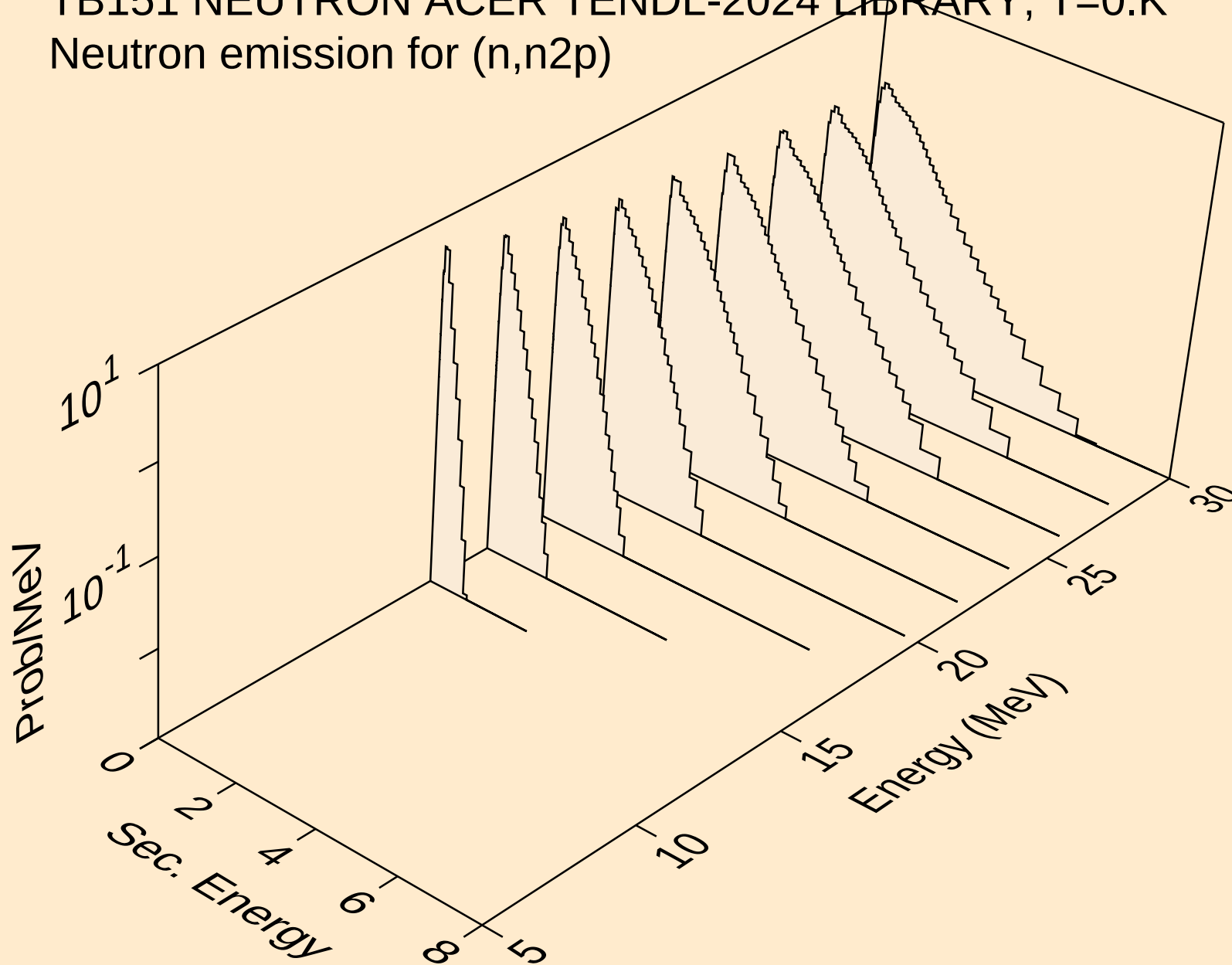
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



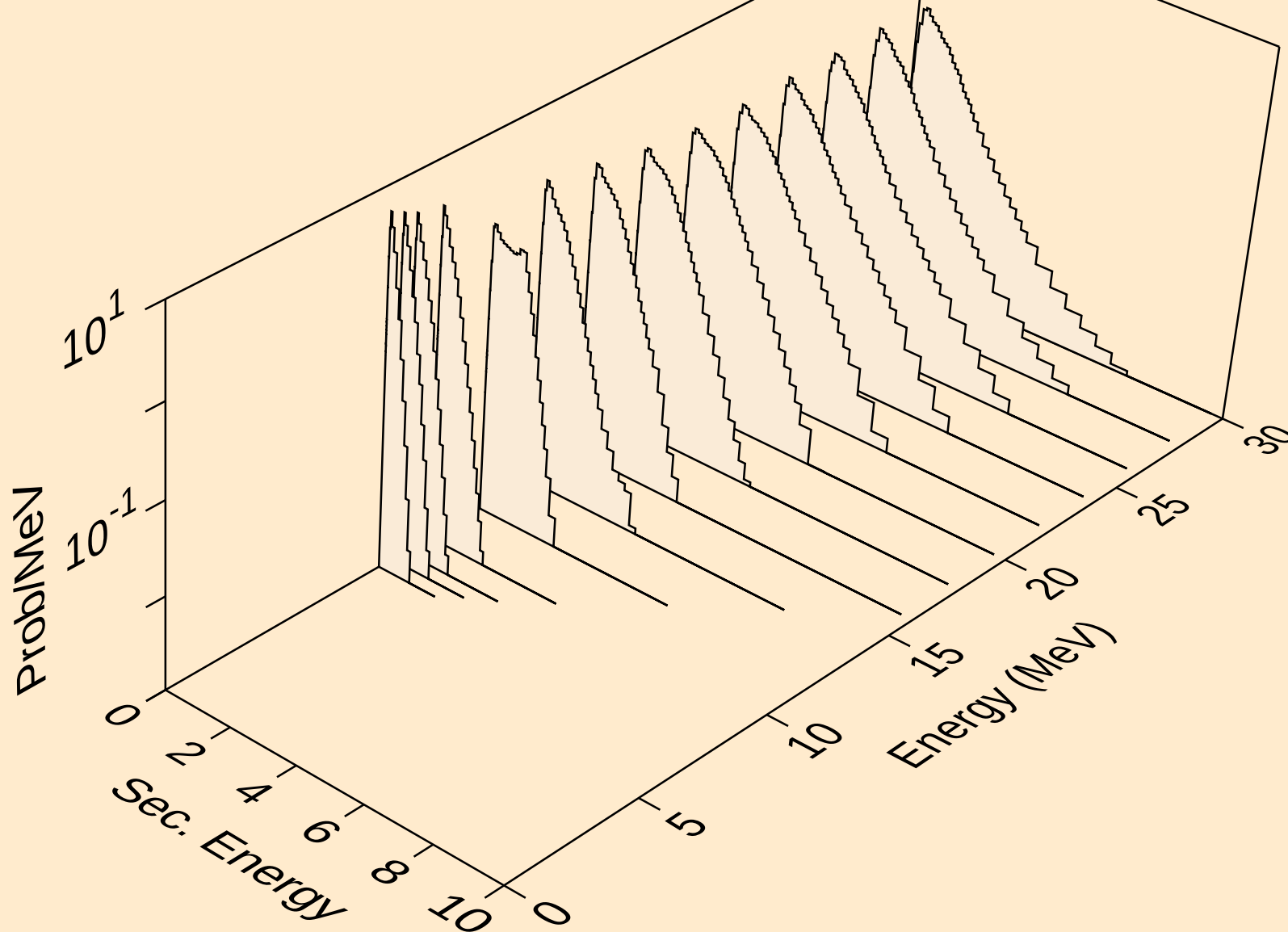
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



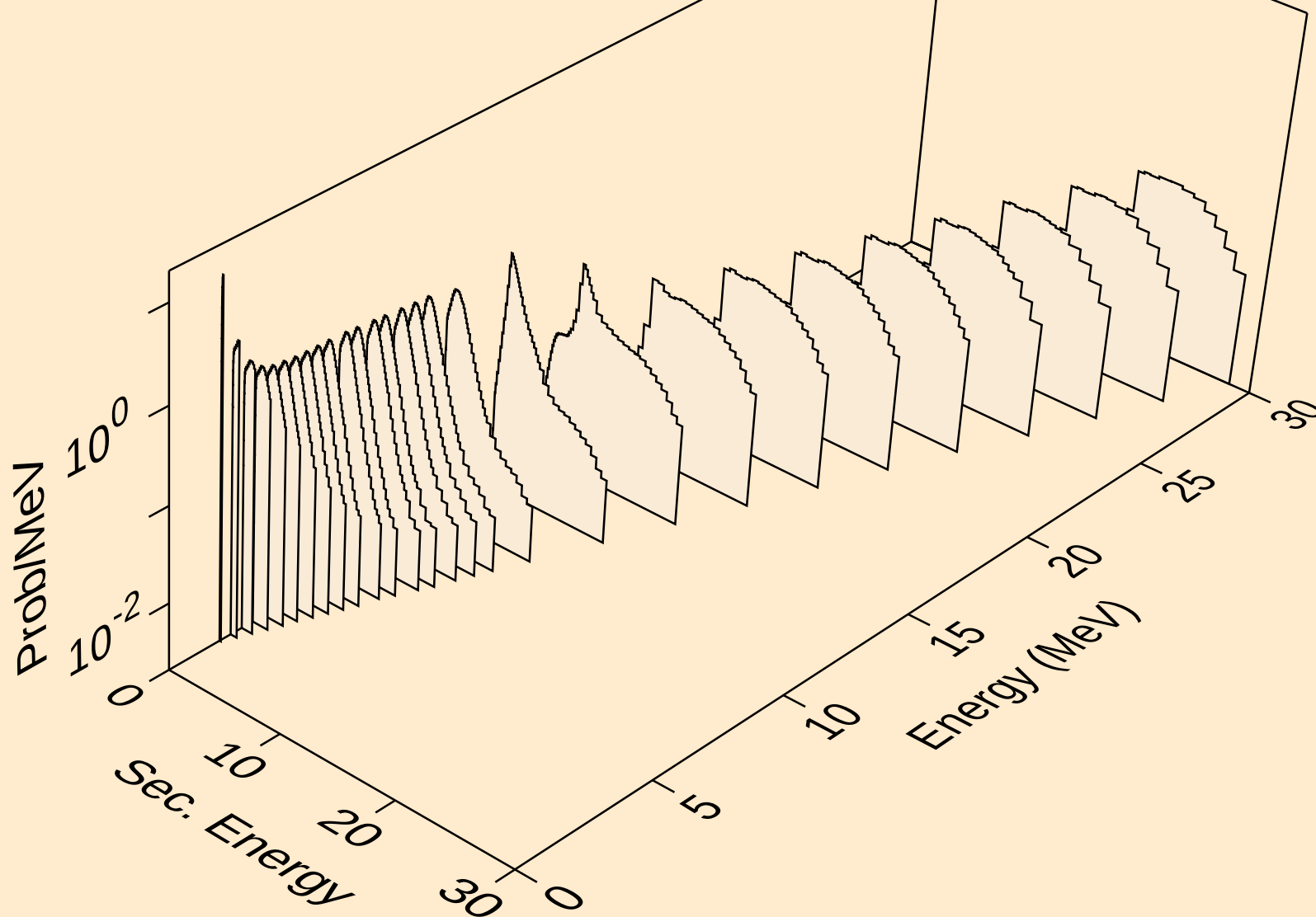
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



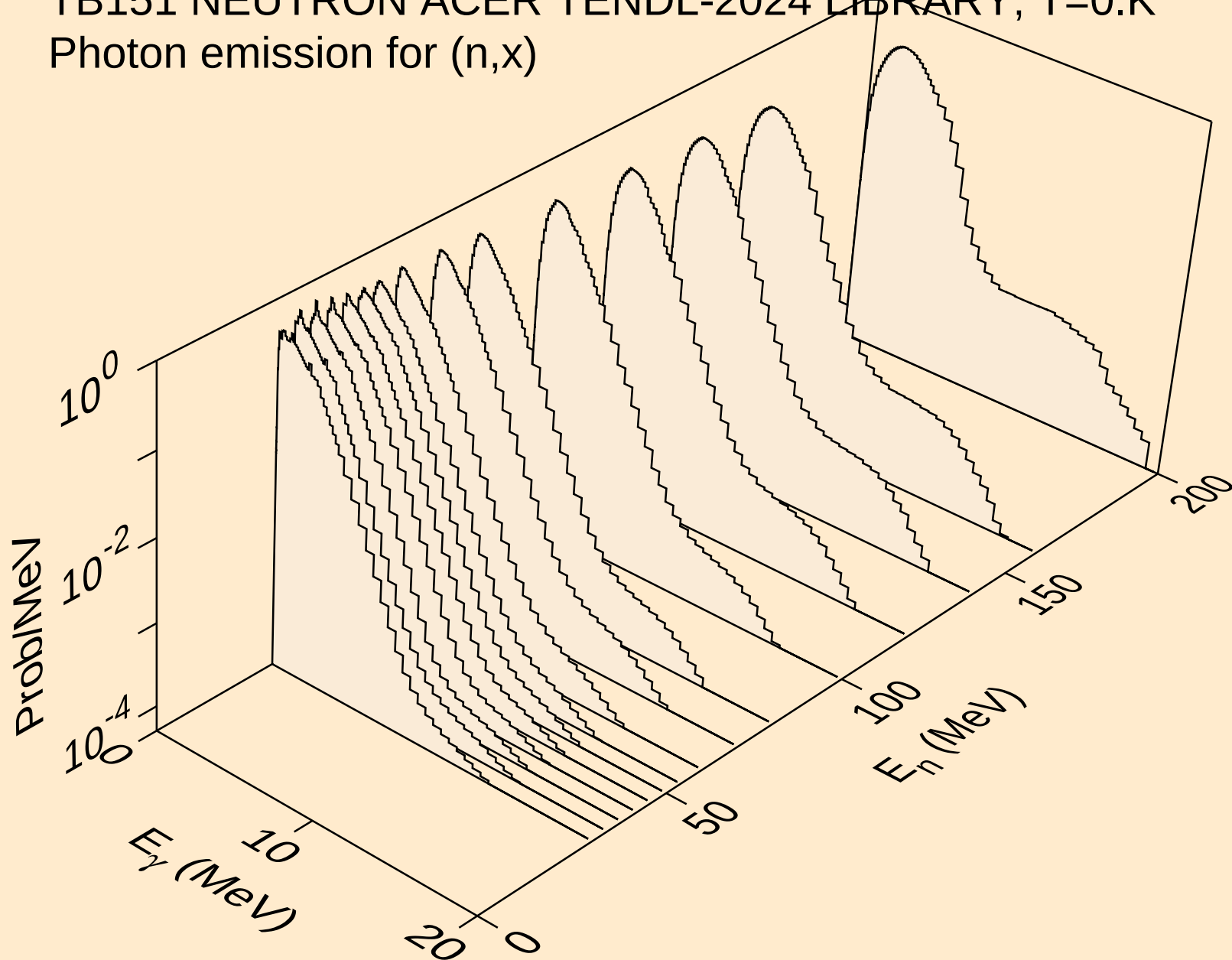
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Neutron emission for (n,npa)



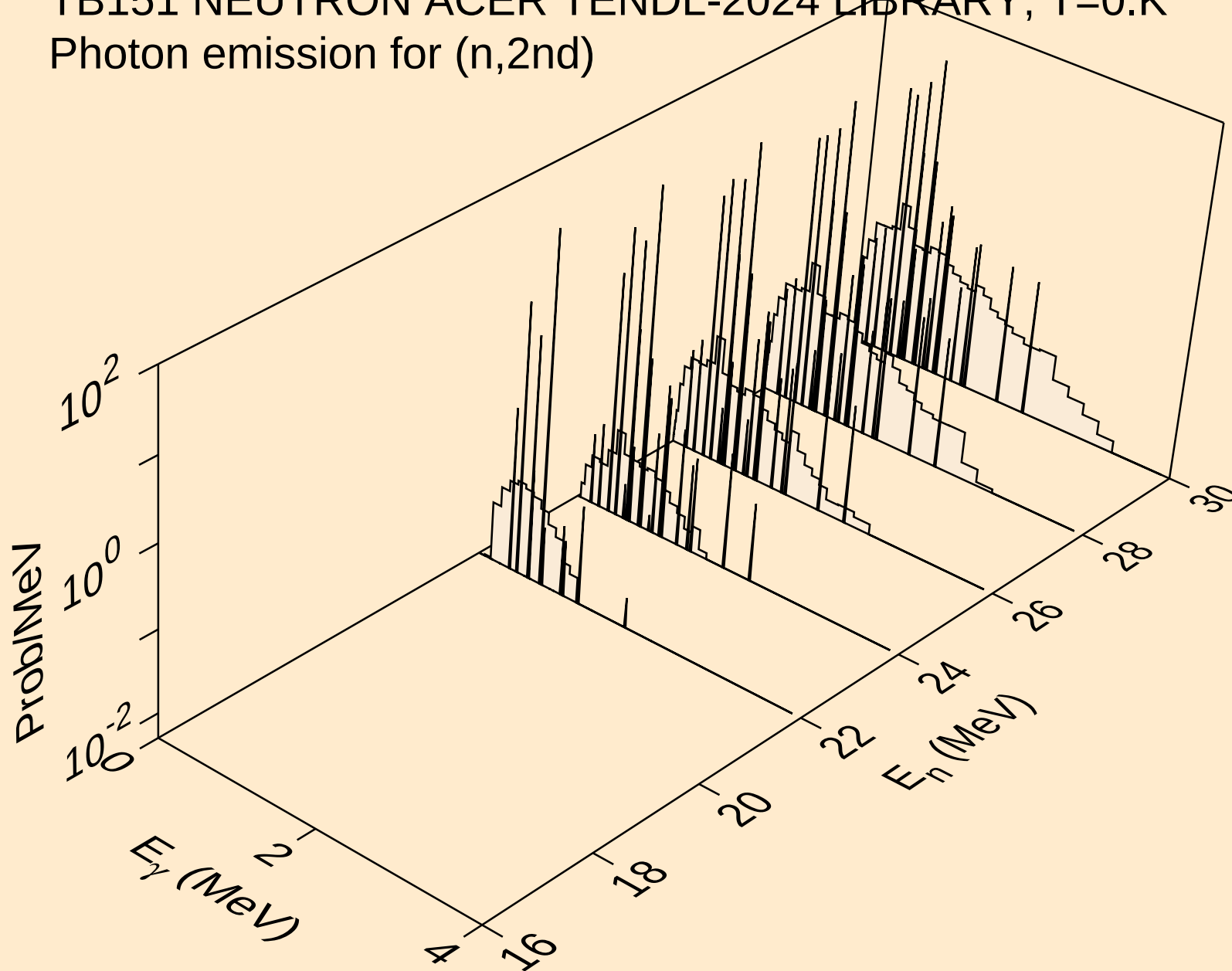
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



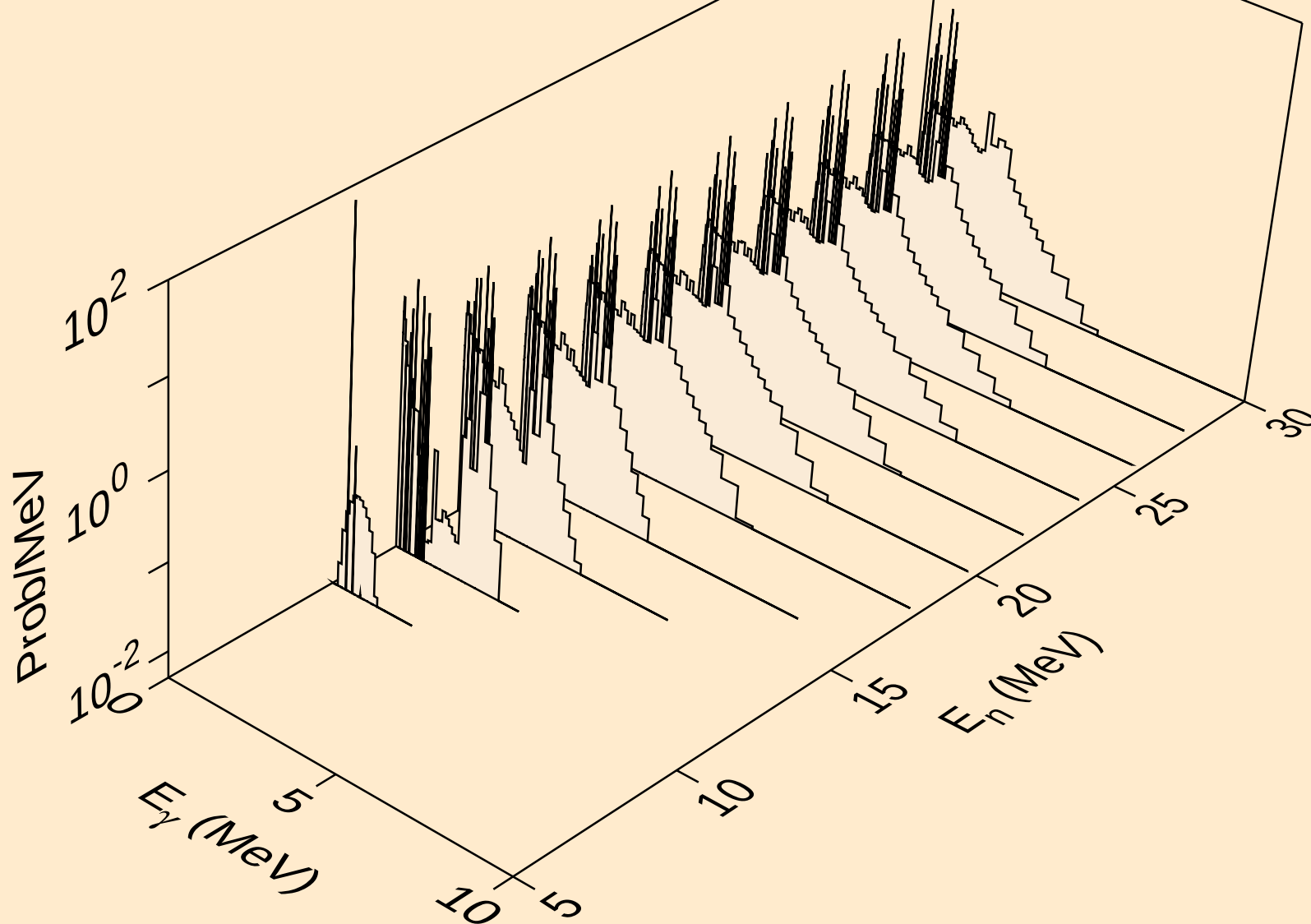
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



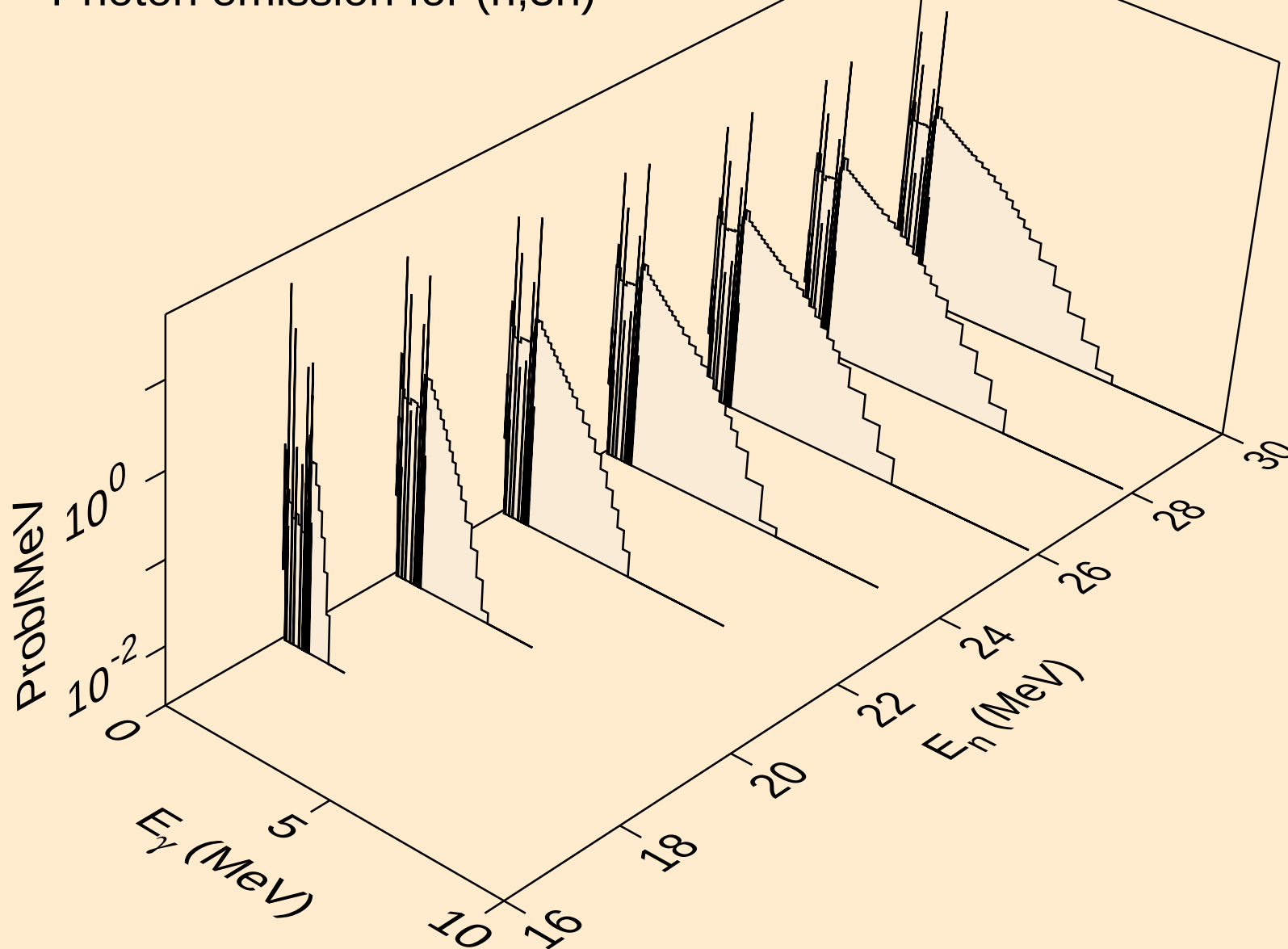
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



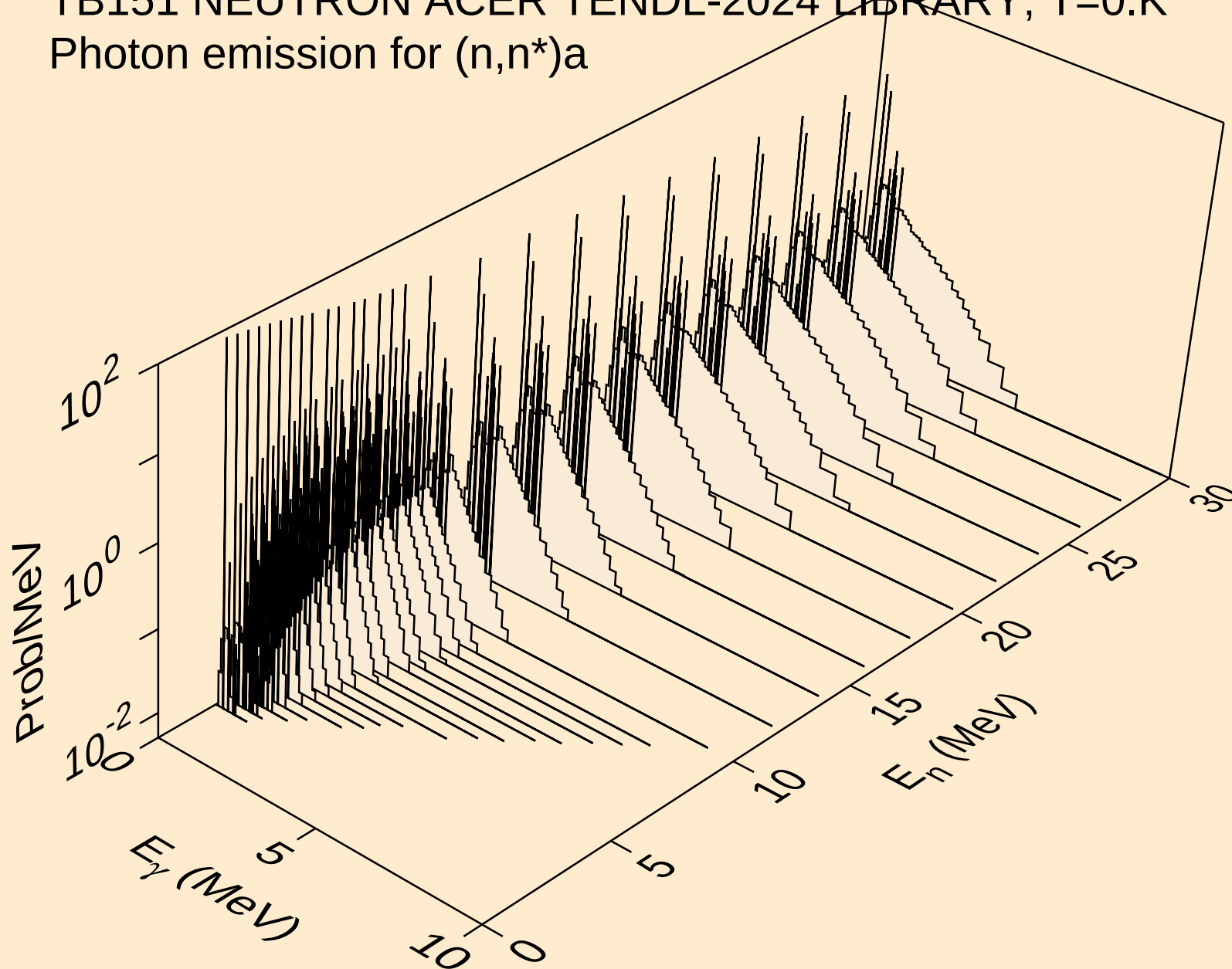
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



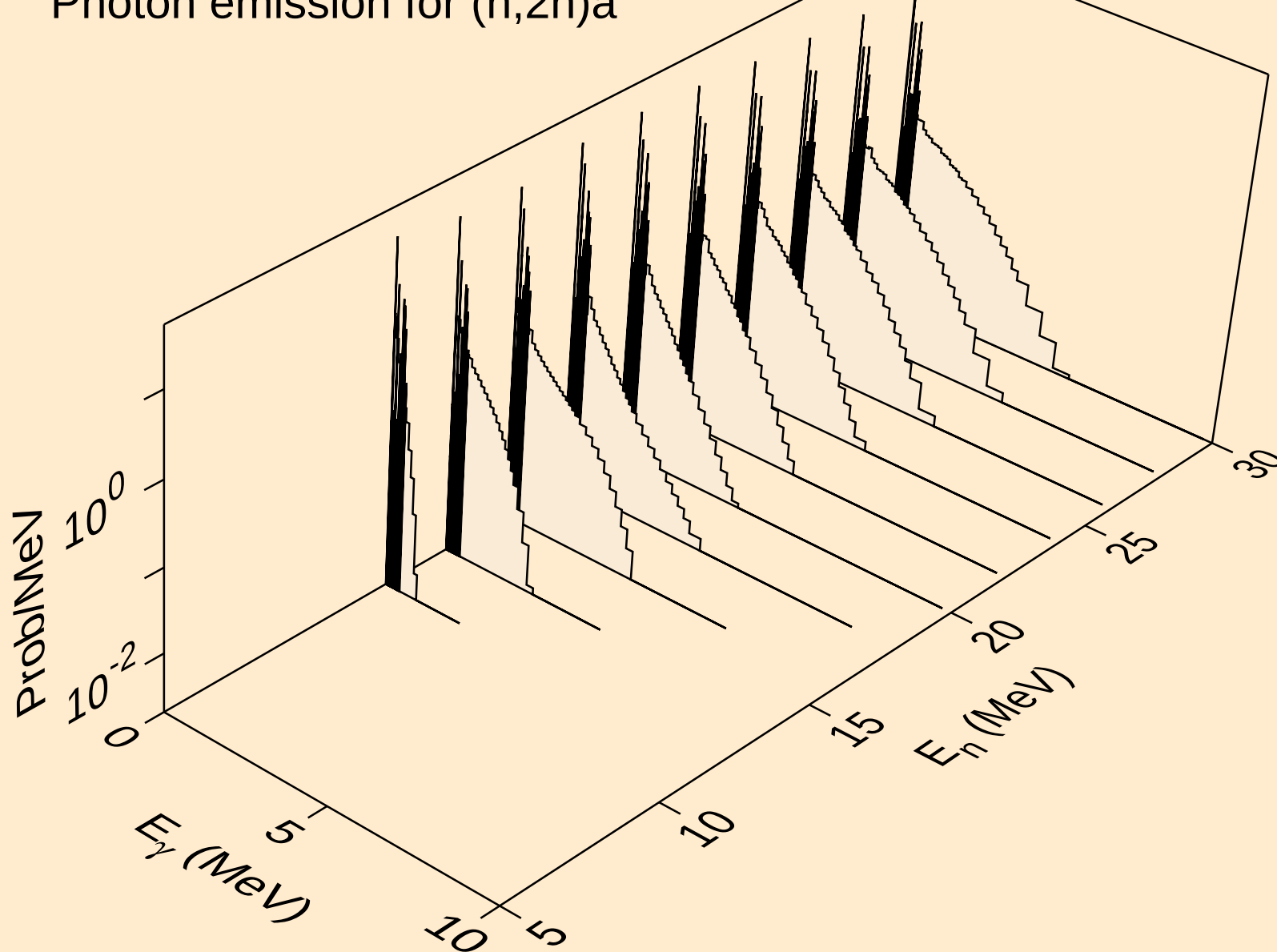
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a

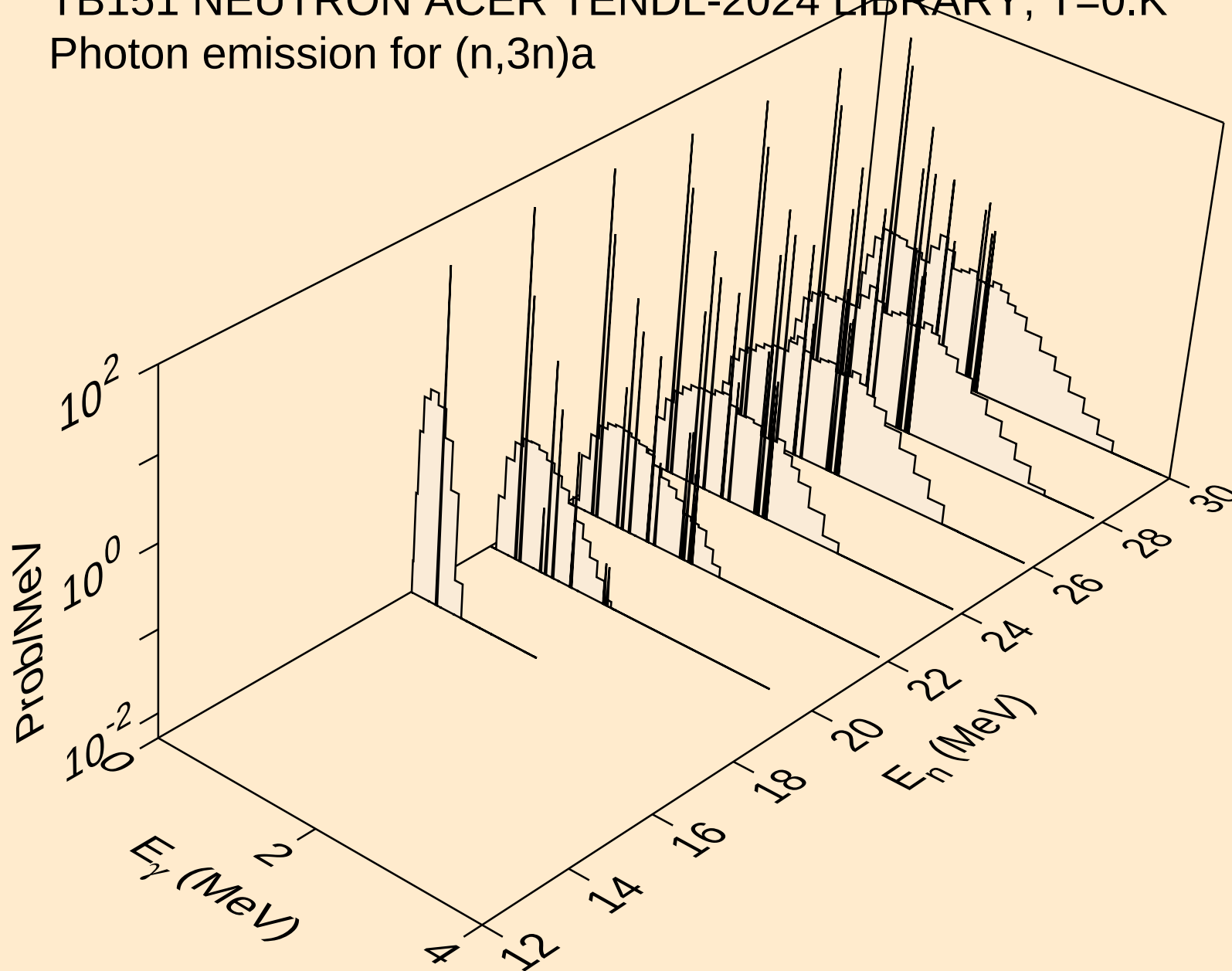


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n) α



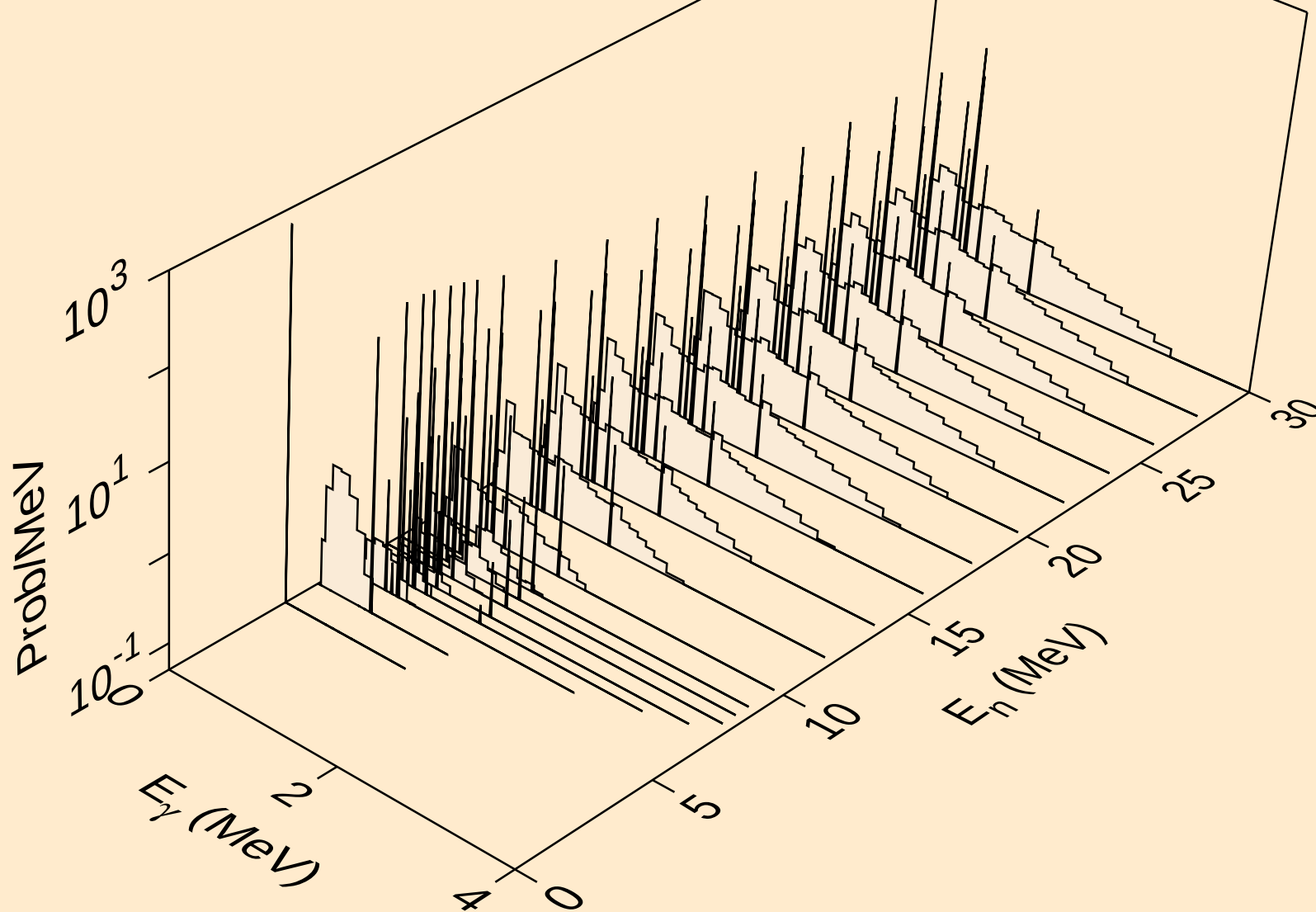
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Photon emission for (n,3n) α

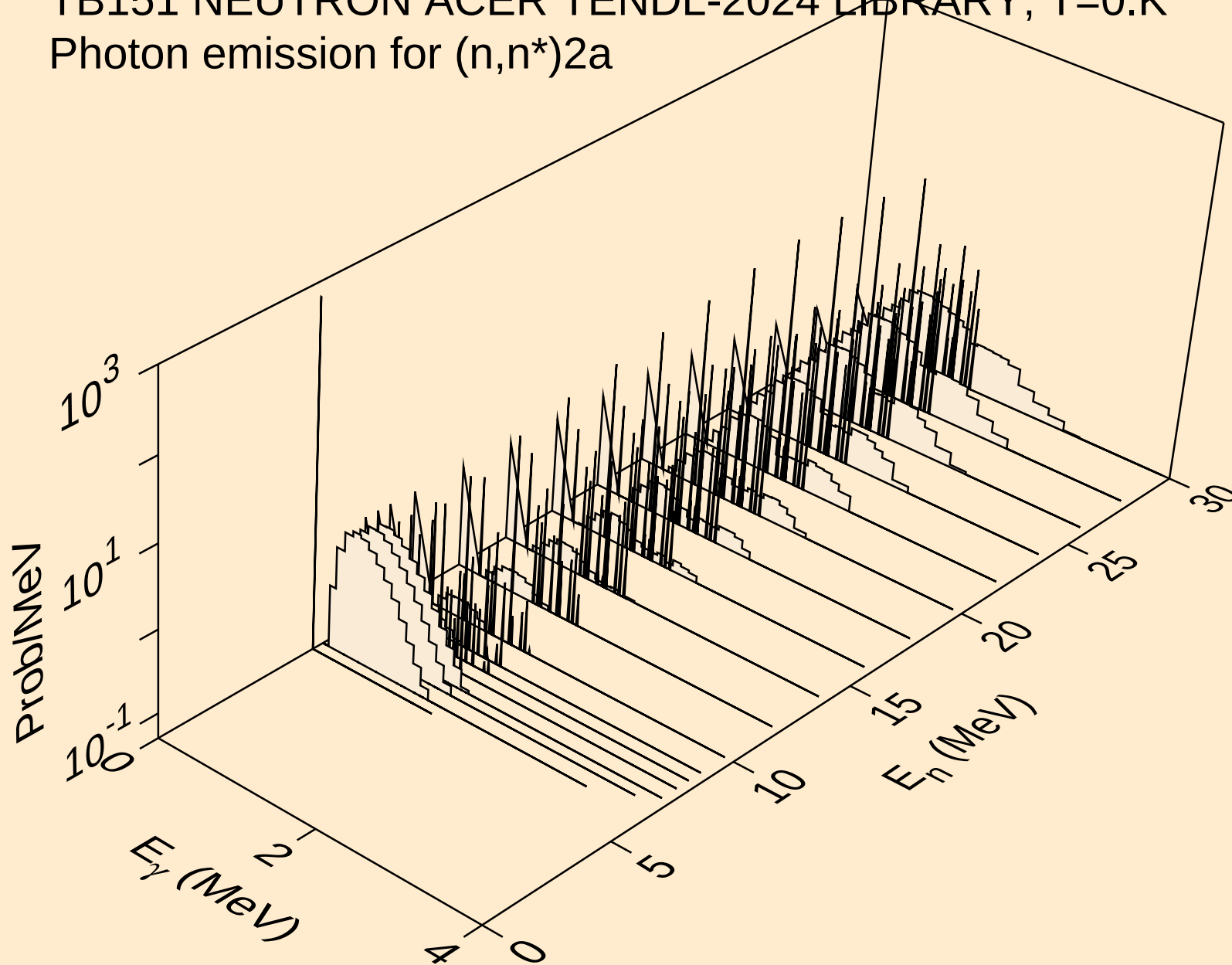


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

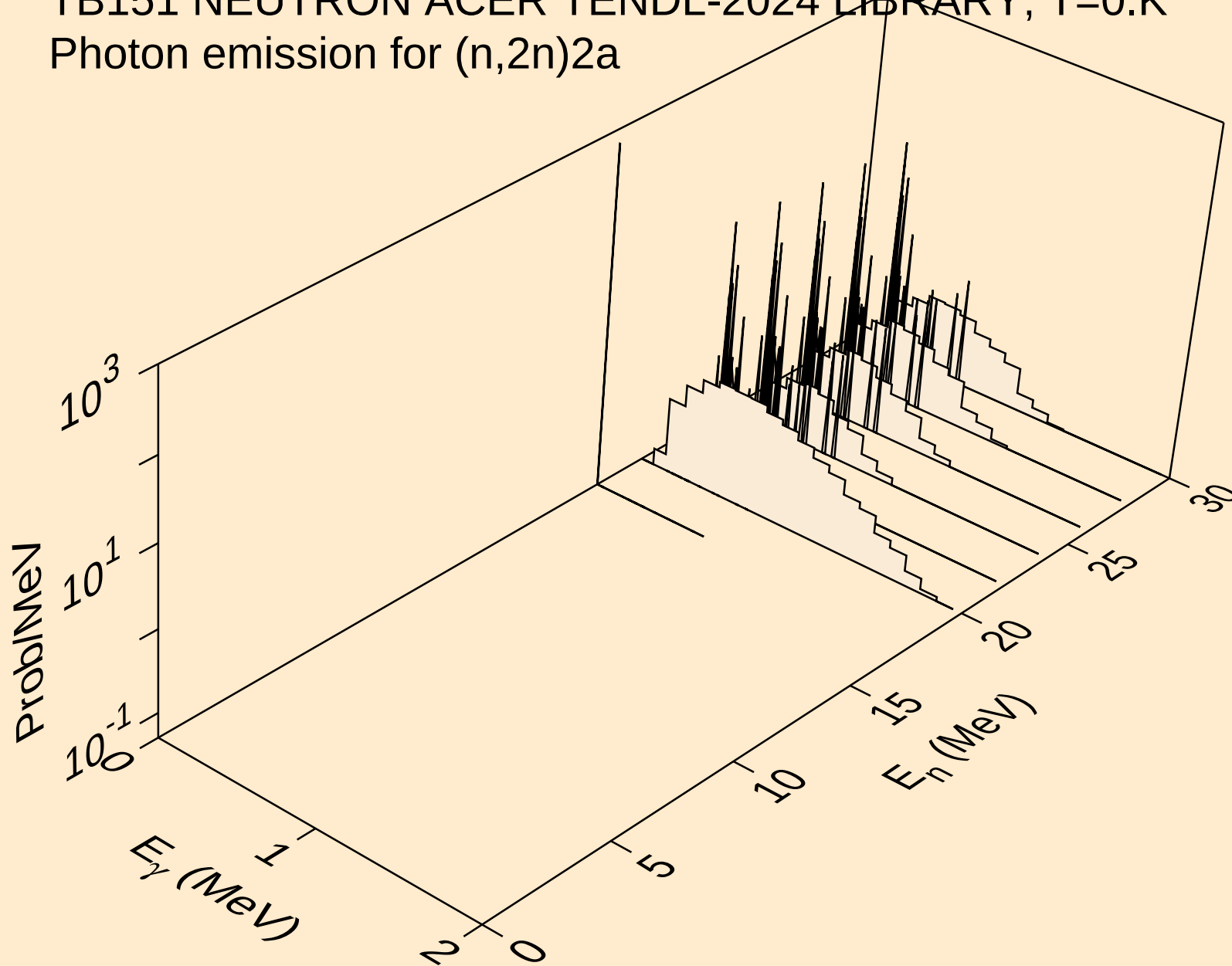
Photon emission for (n,n*)p



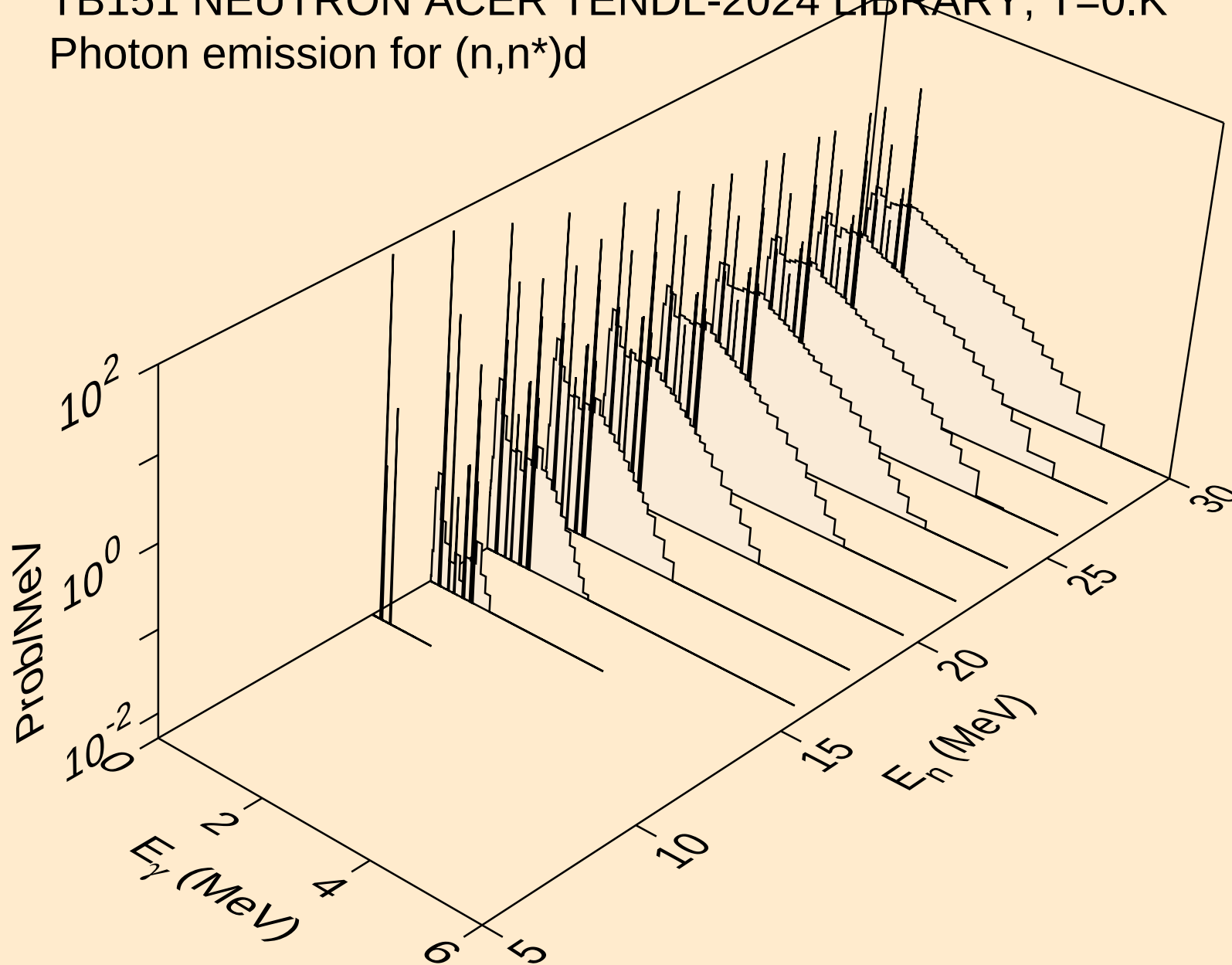
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)2a

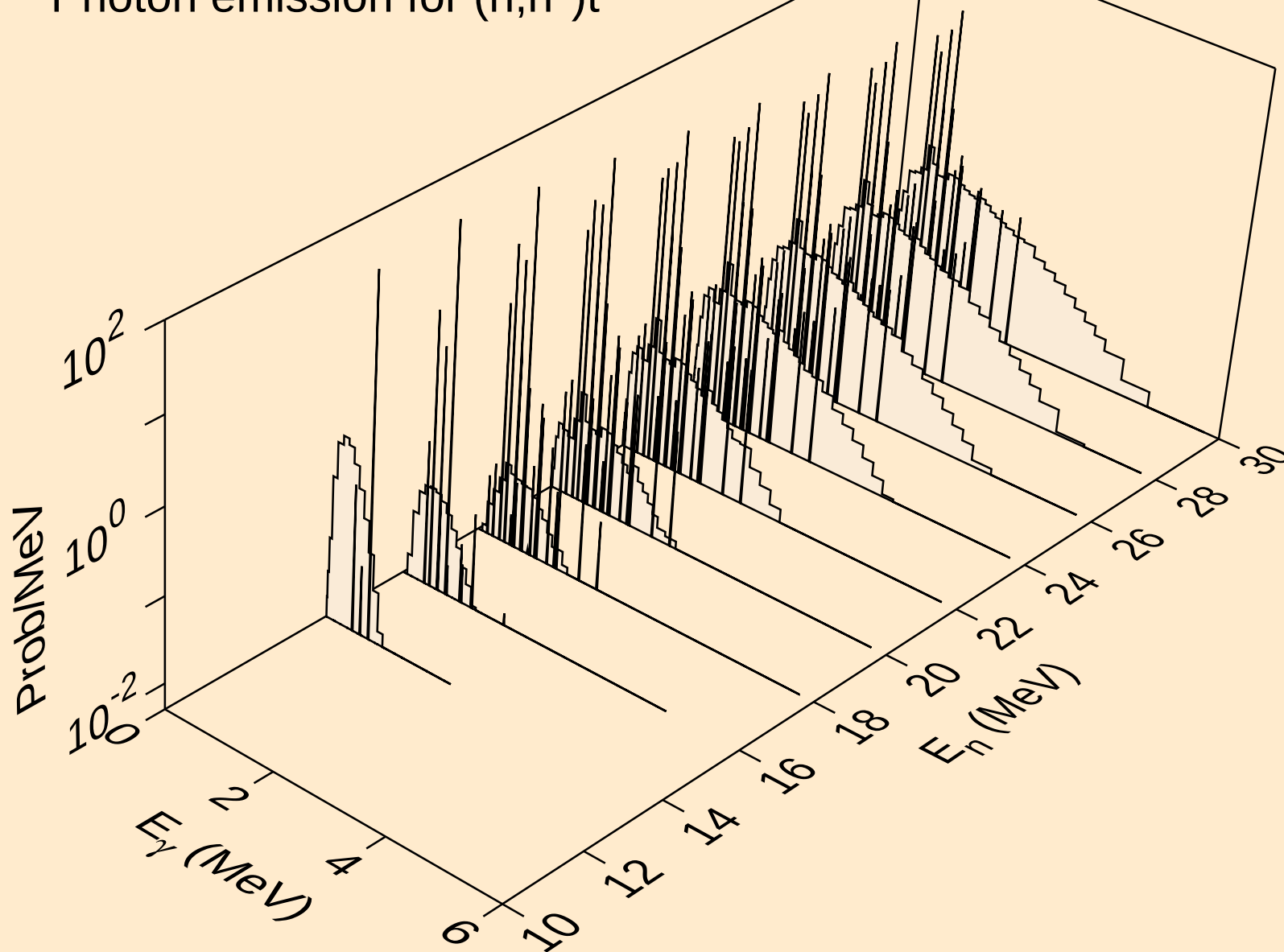


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d

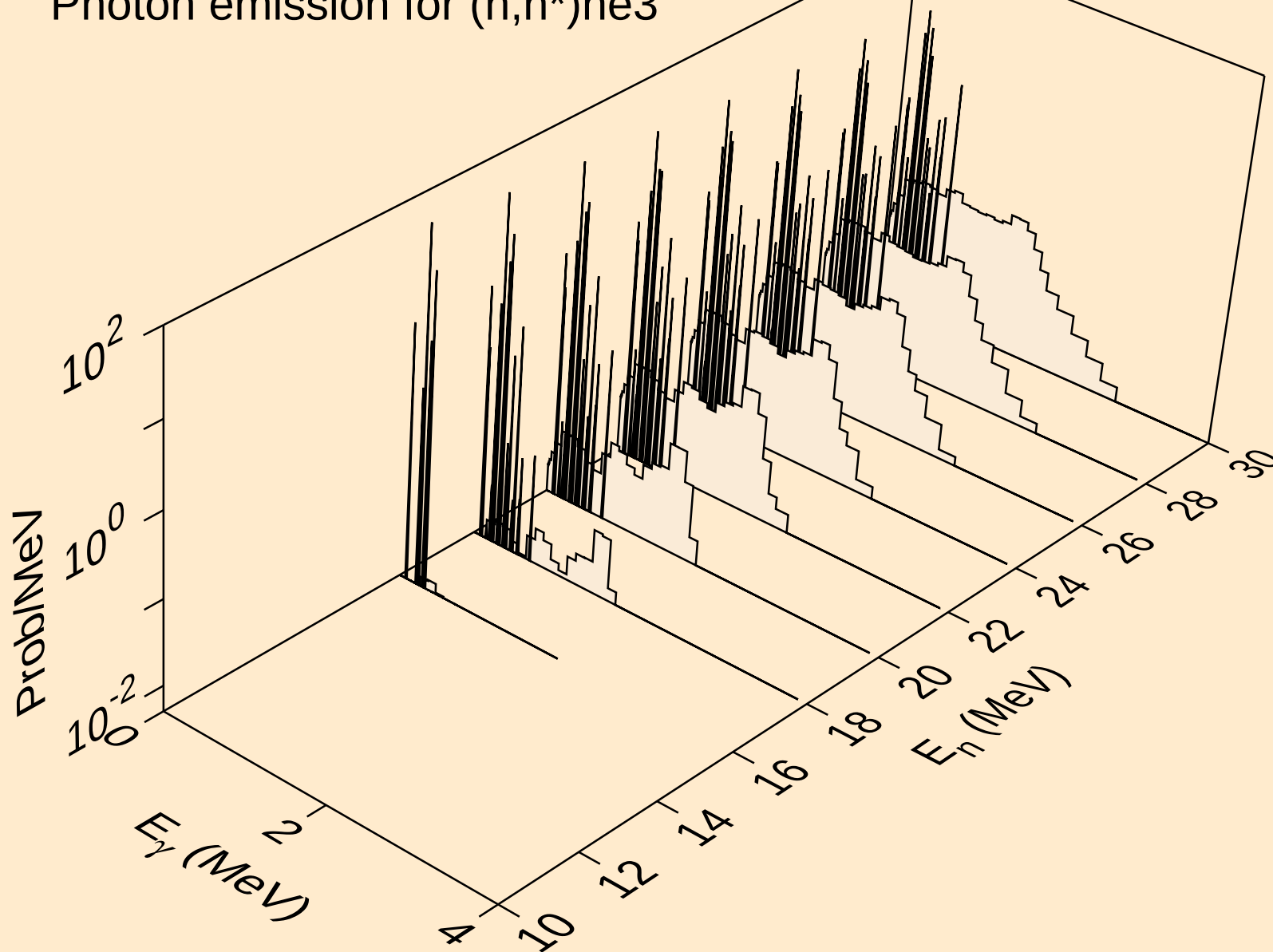


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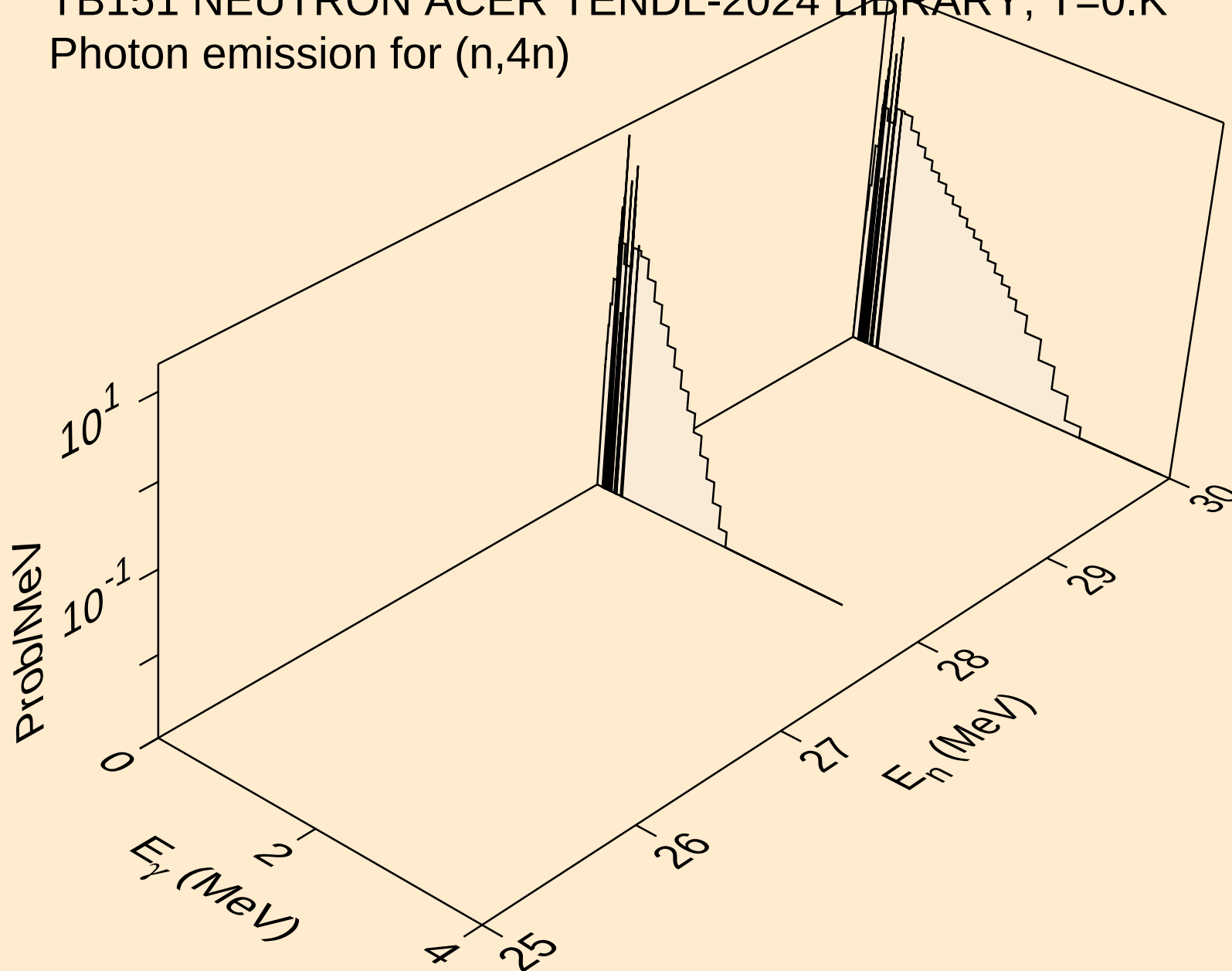
Photon emission for (n,n*)t



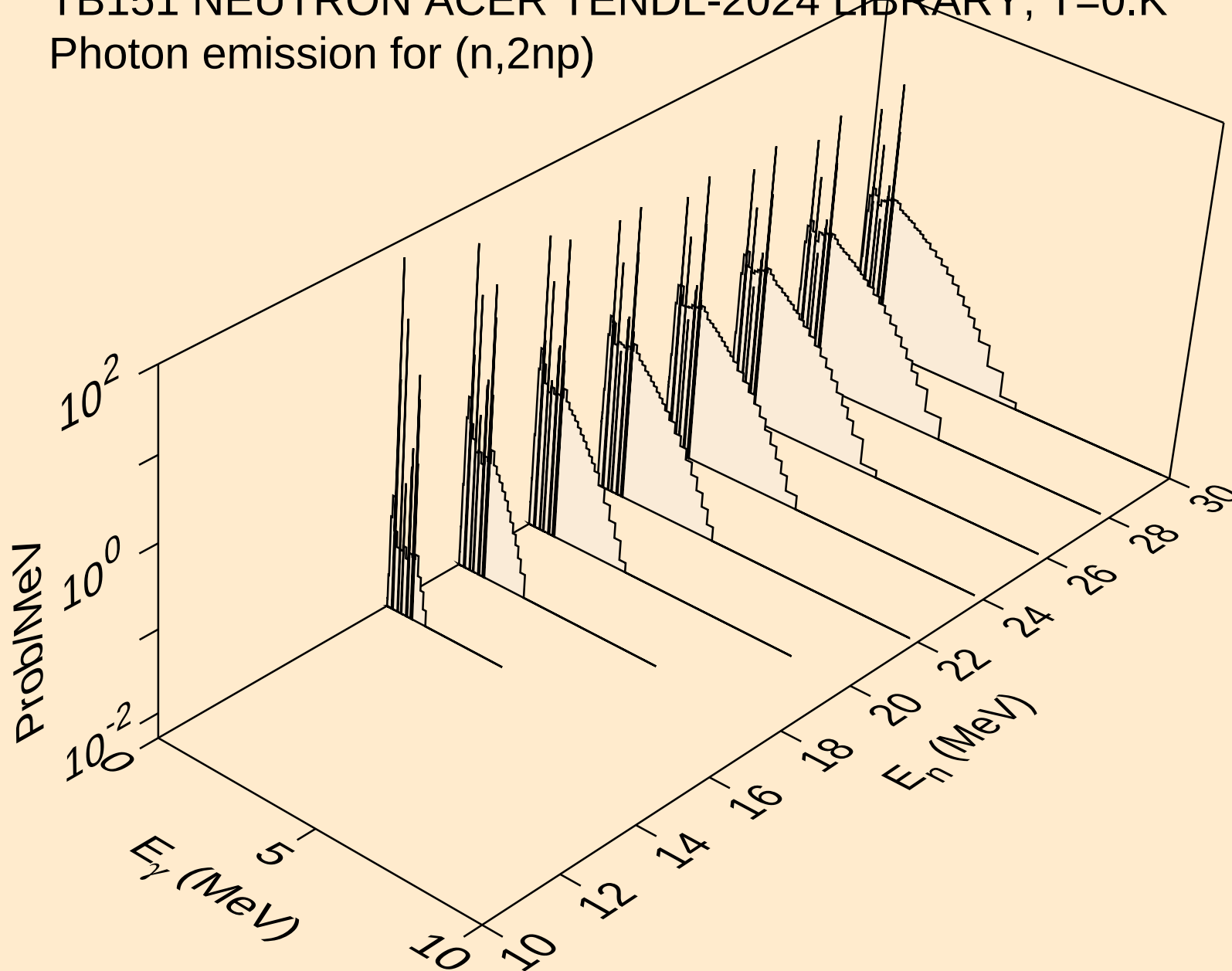
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



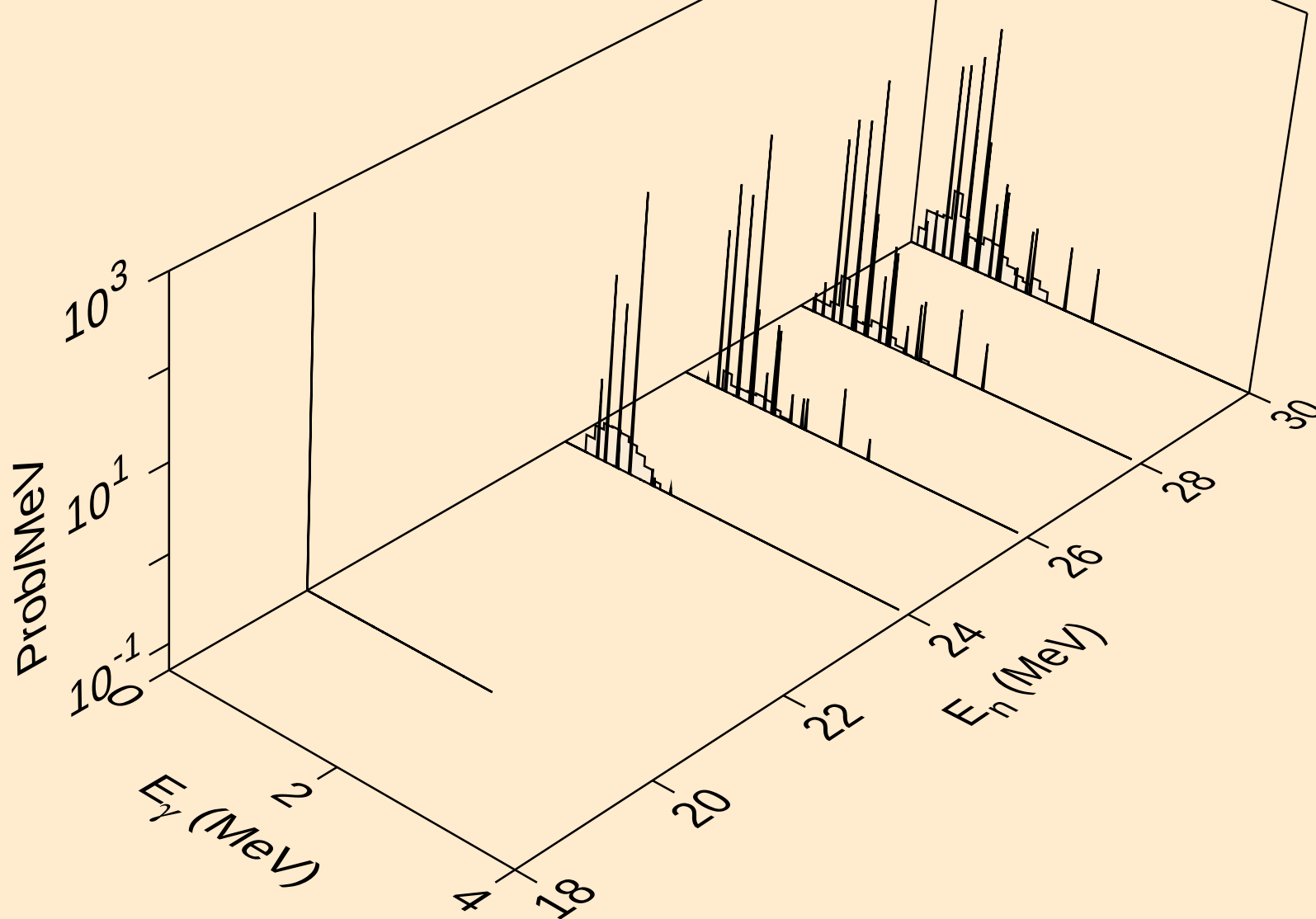
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



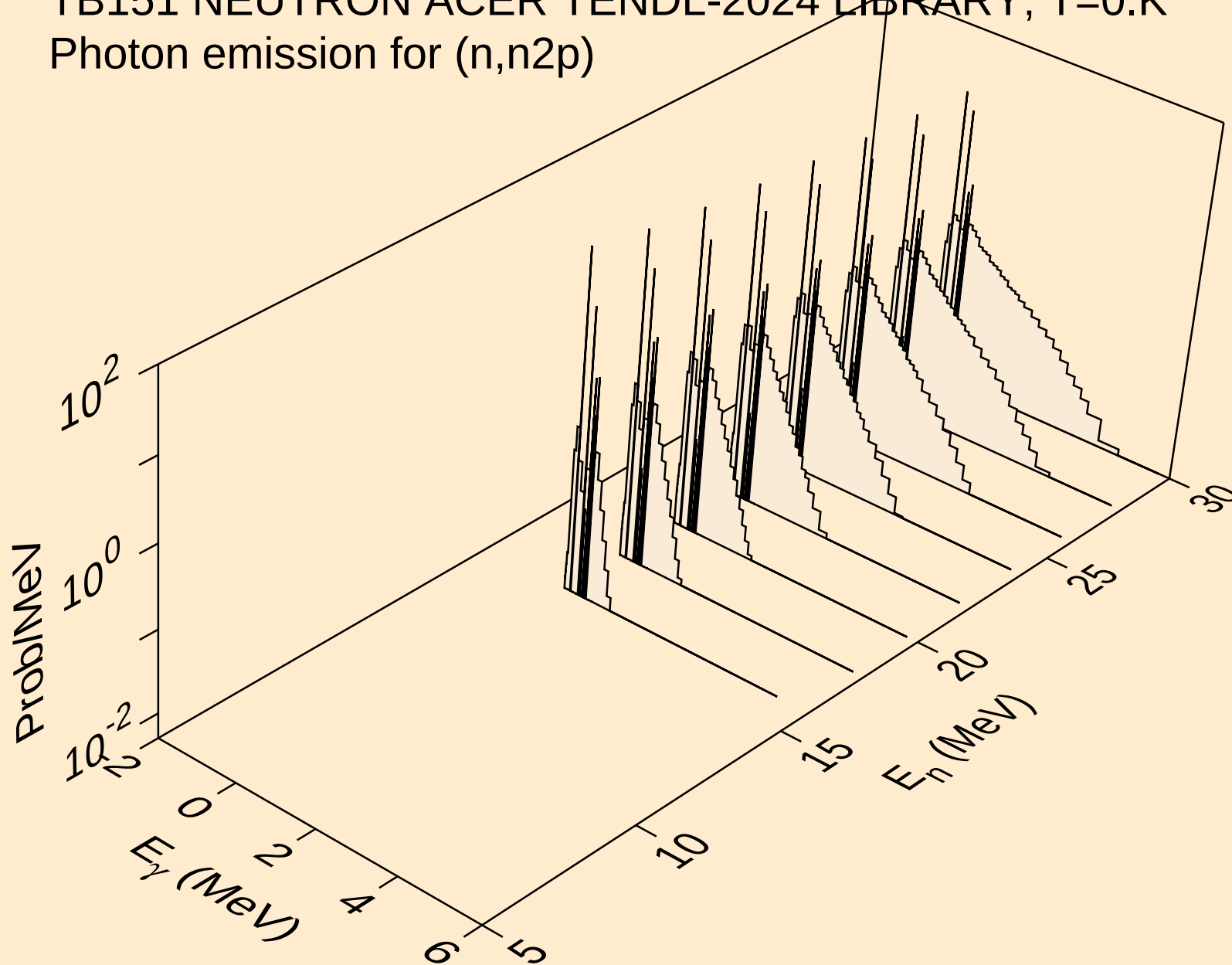
TB151 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2np)



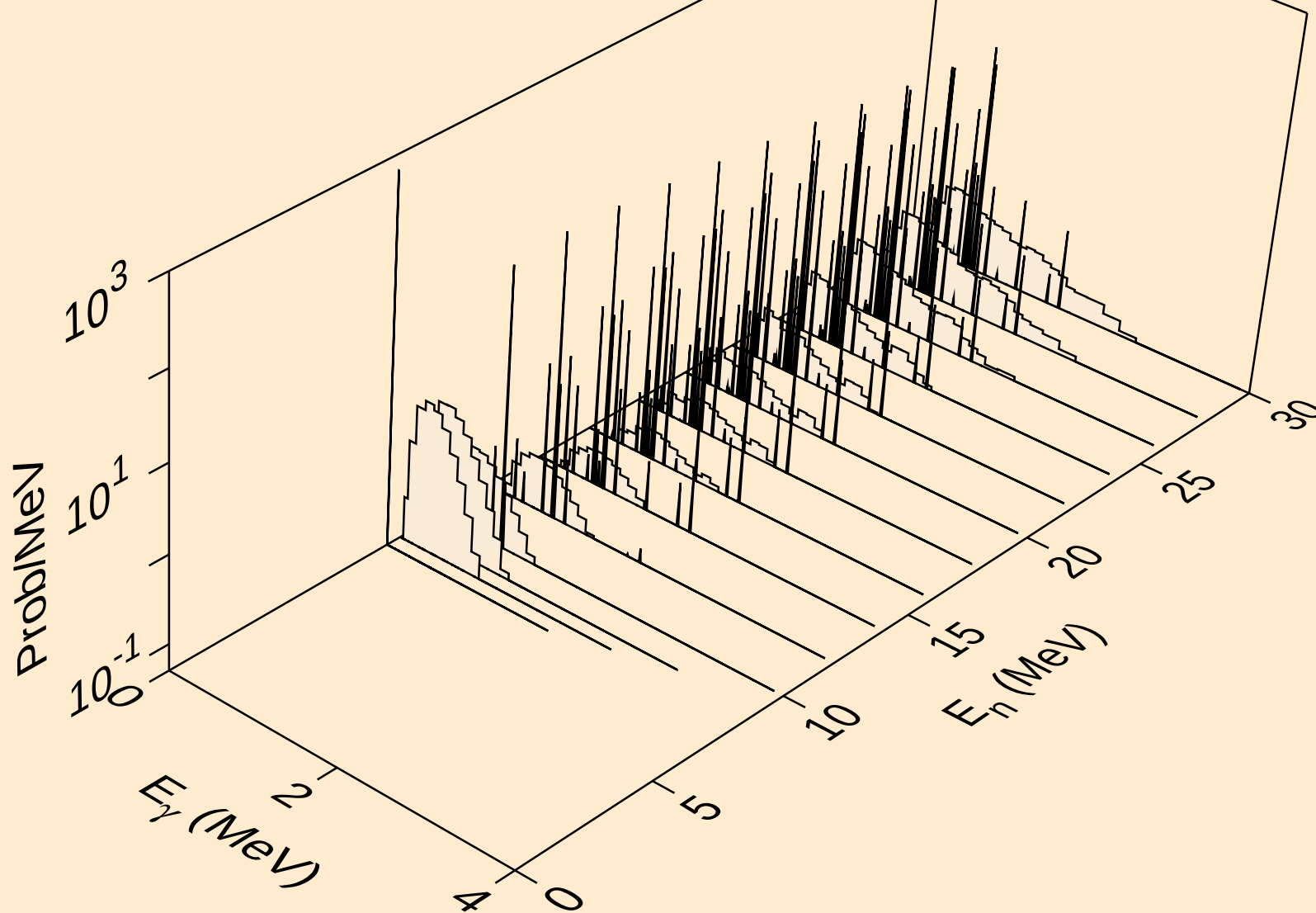
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Photon emission for (n,3np)



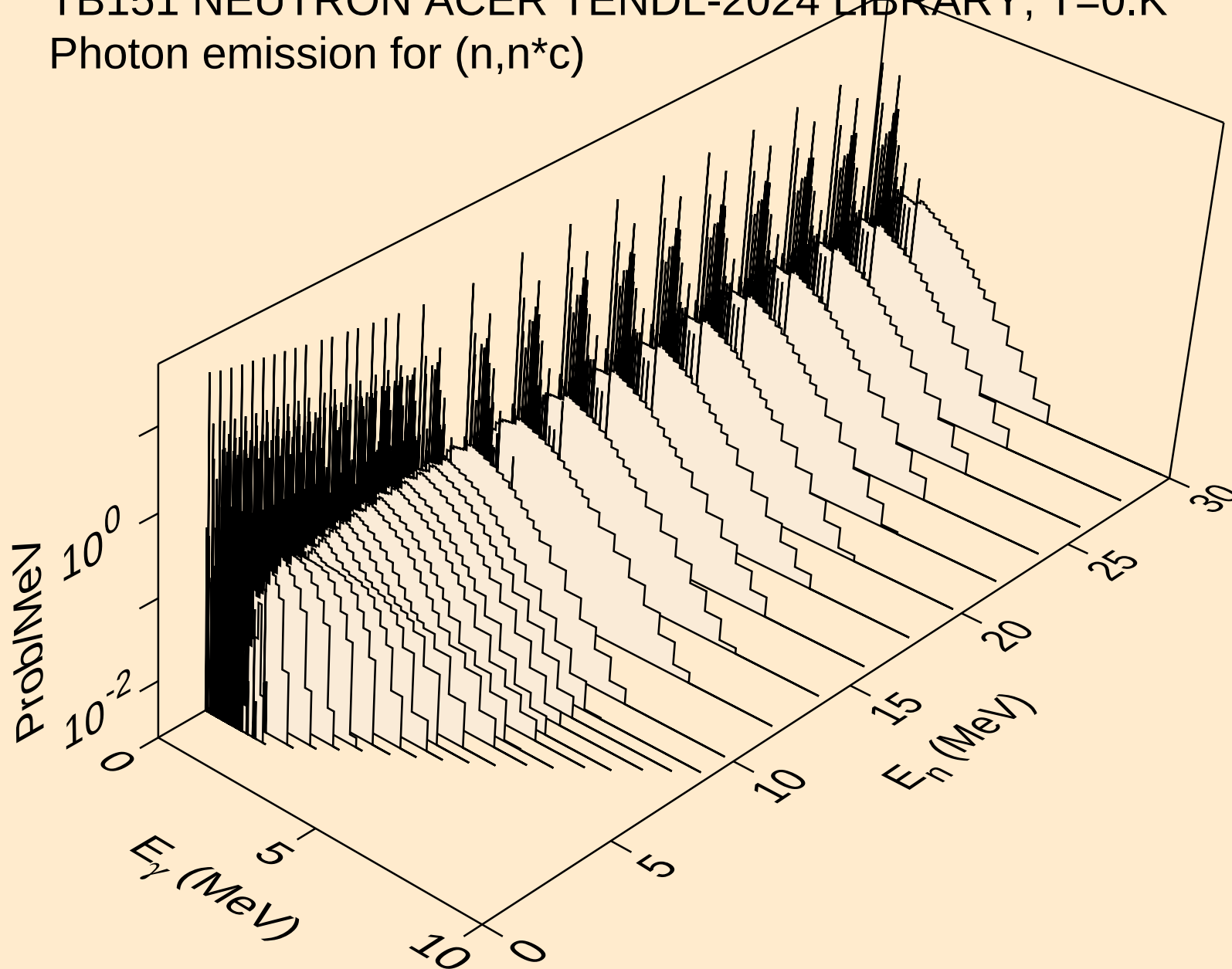
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Photon emission for (n,n2p)



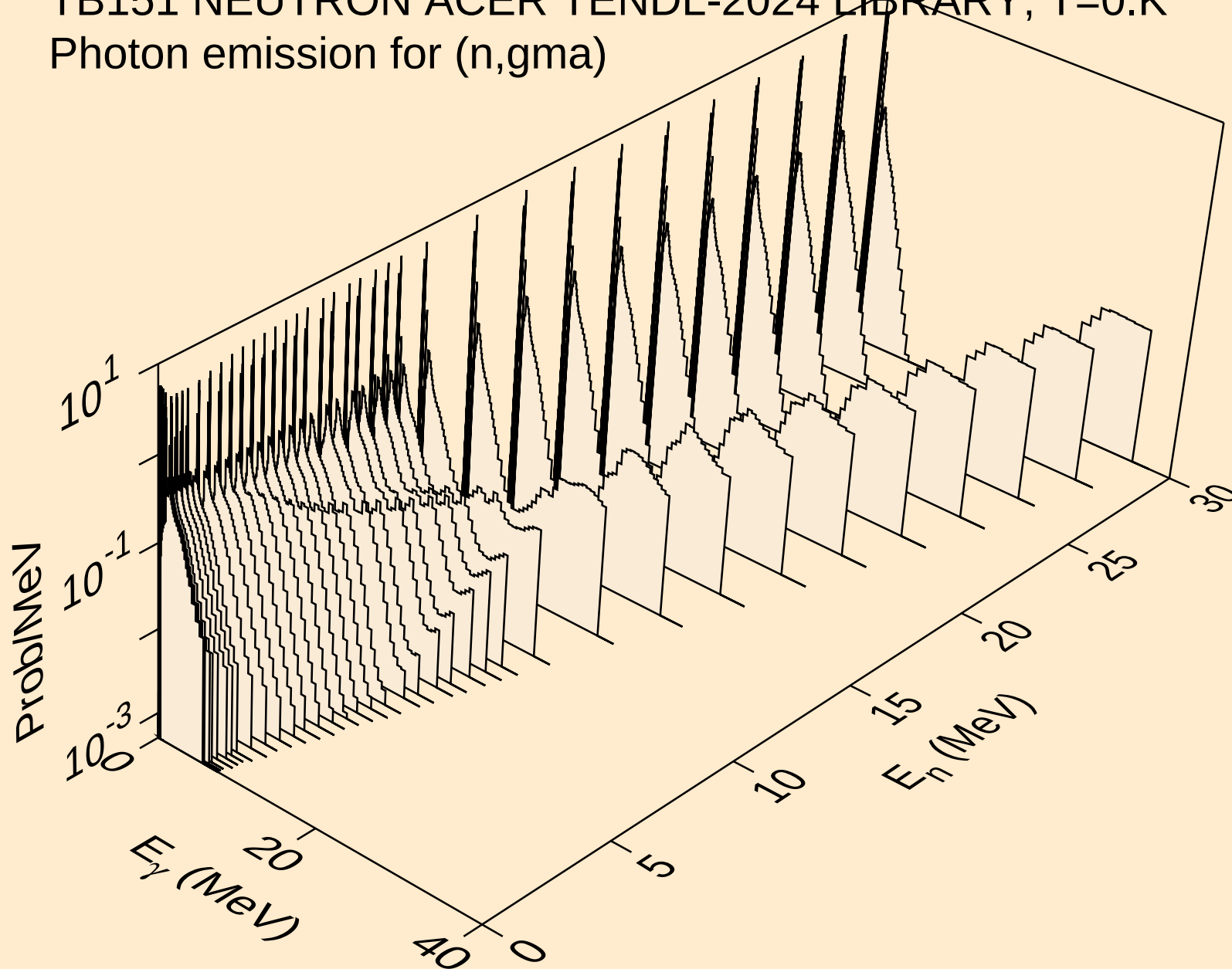
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Photon emission for (n,npa)



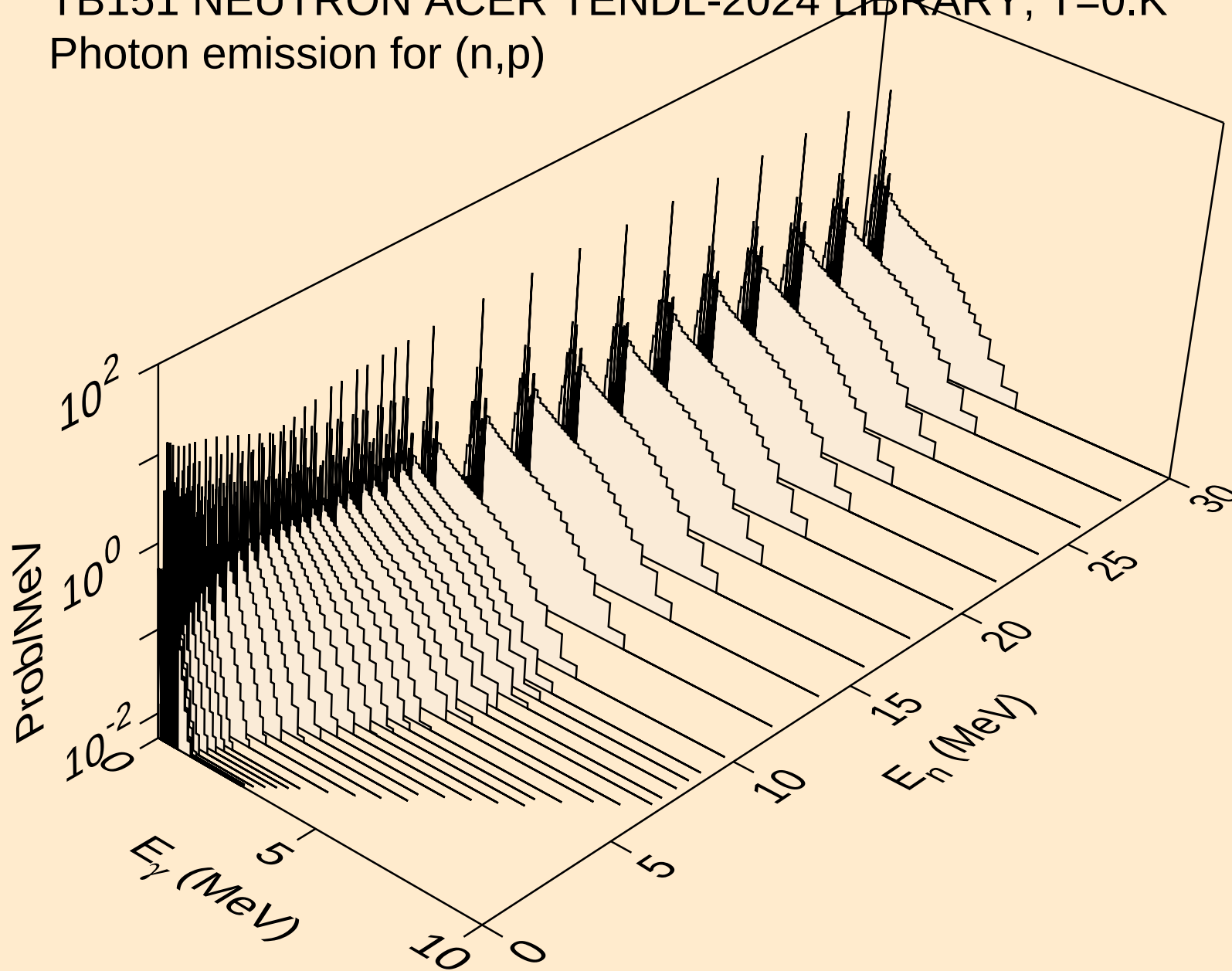
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Photon emission for (n,n*c)



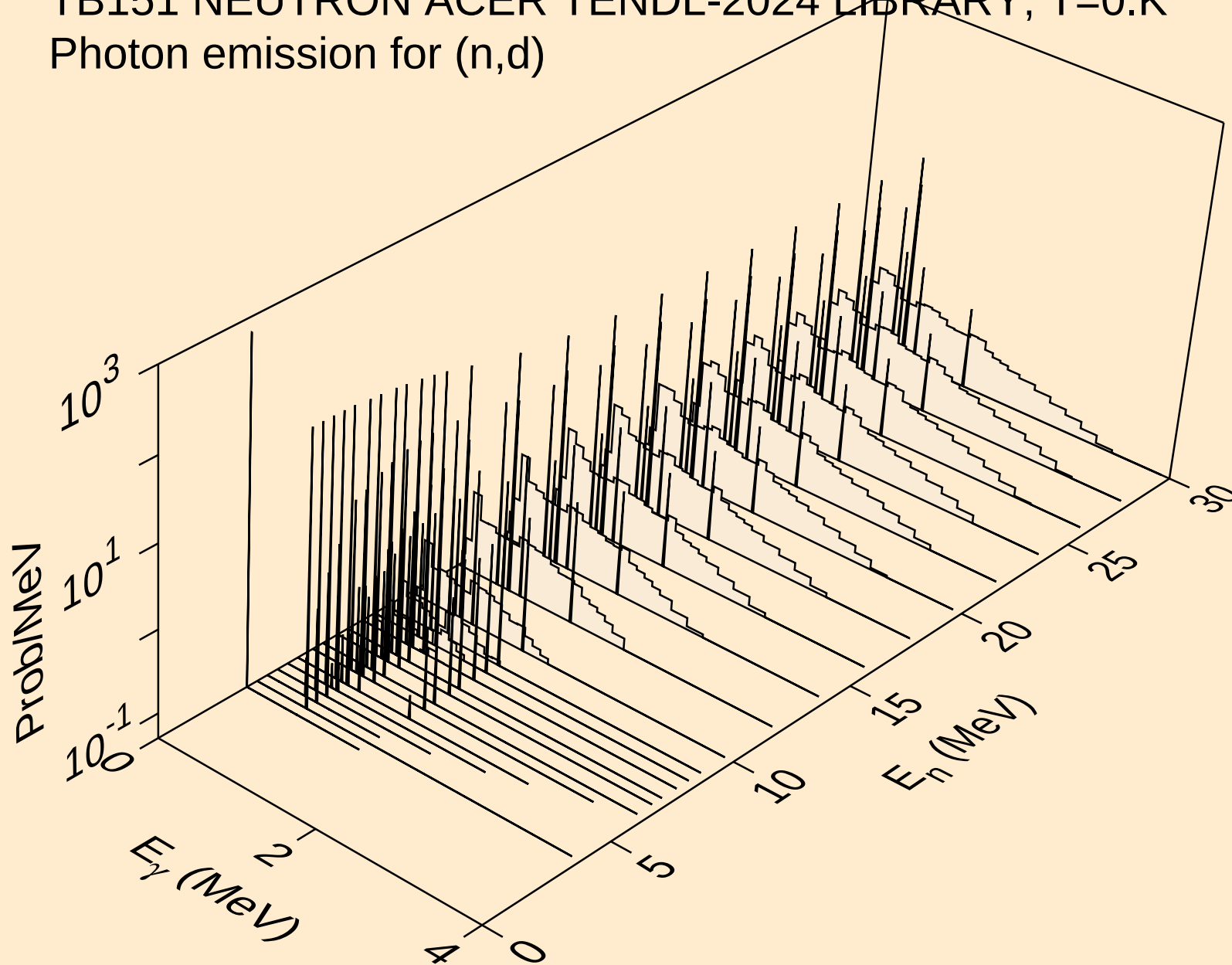
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Photon emission for (n,gma)



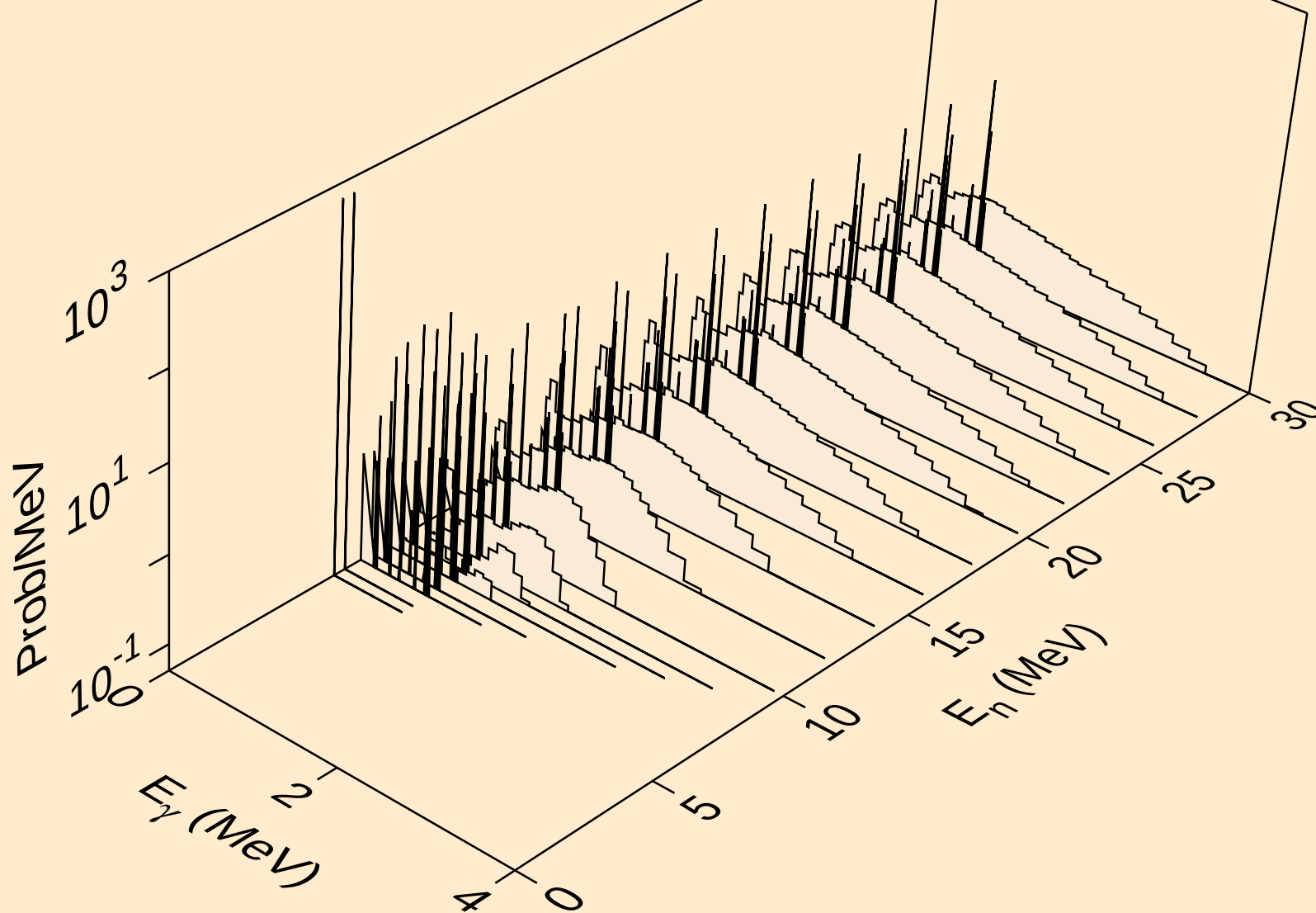
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Photon emission for (n,p)



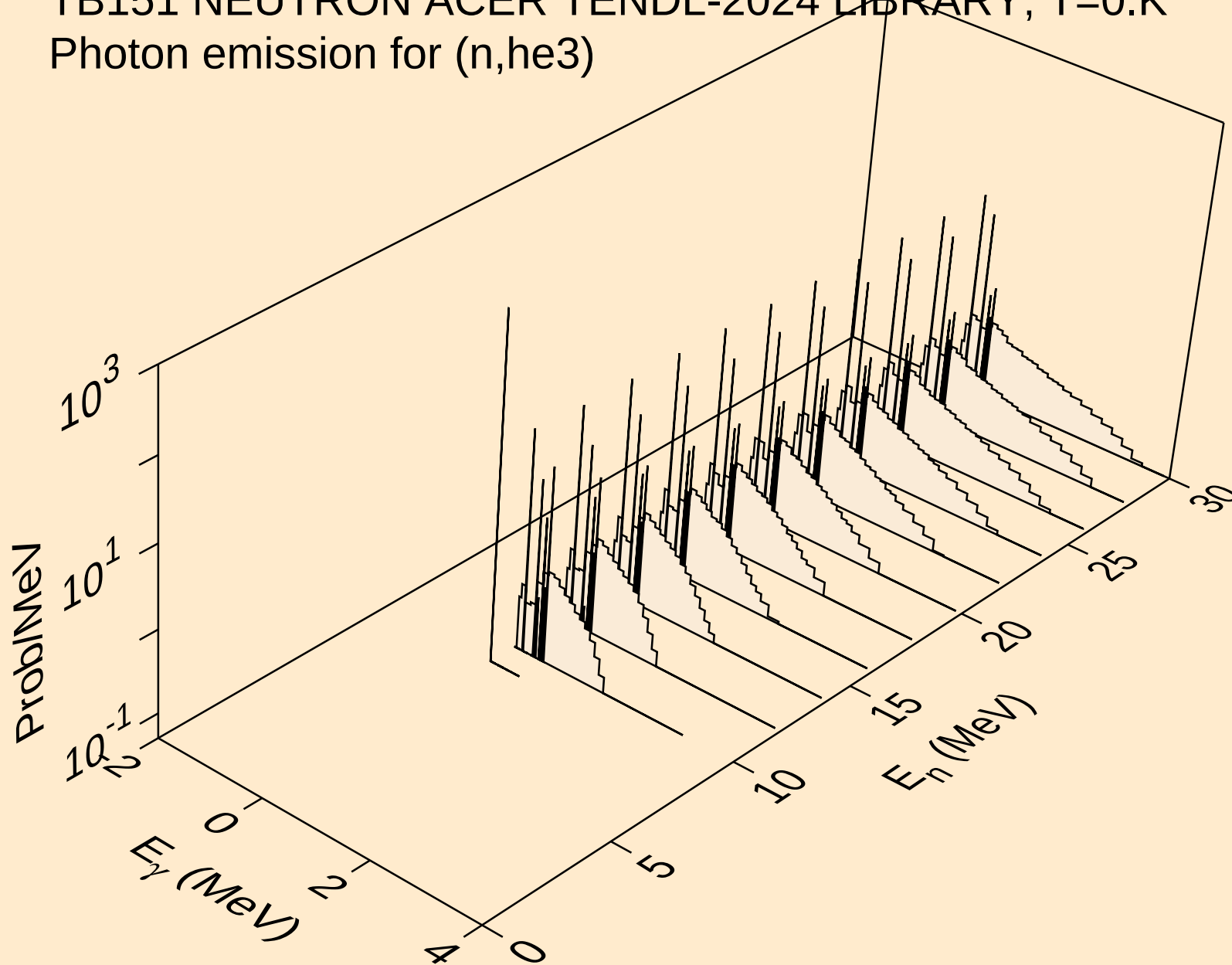
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



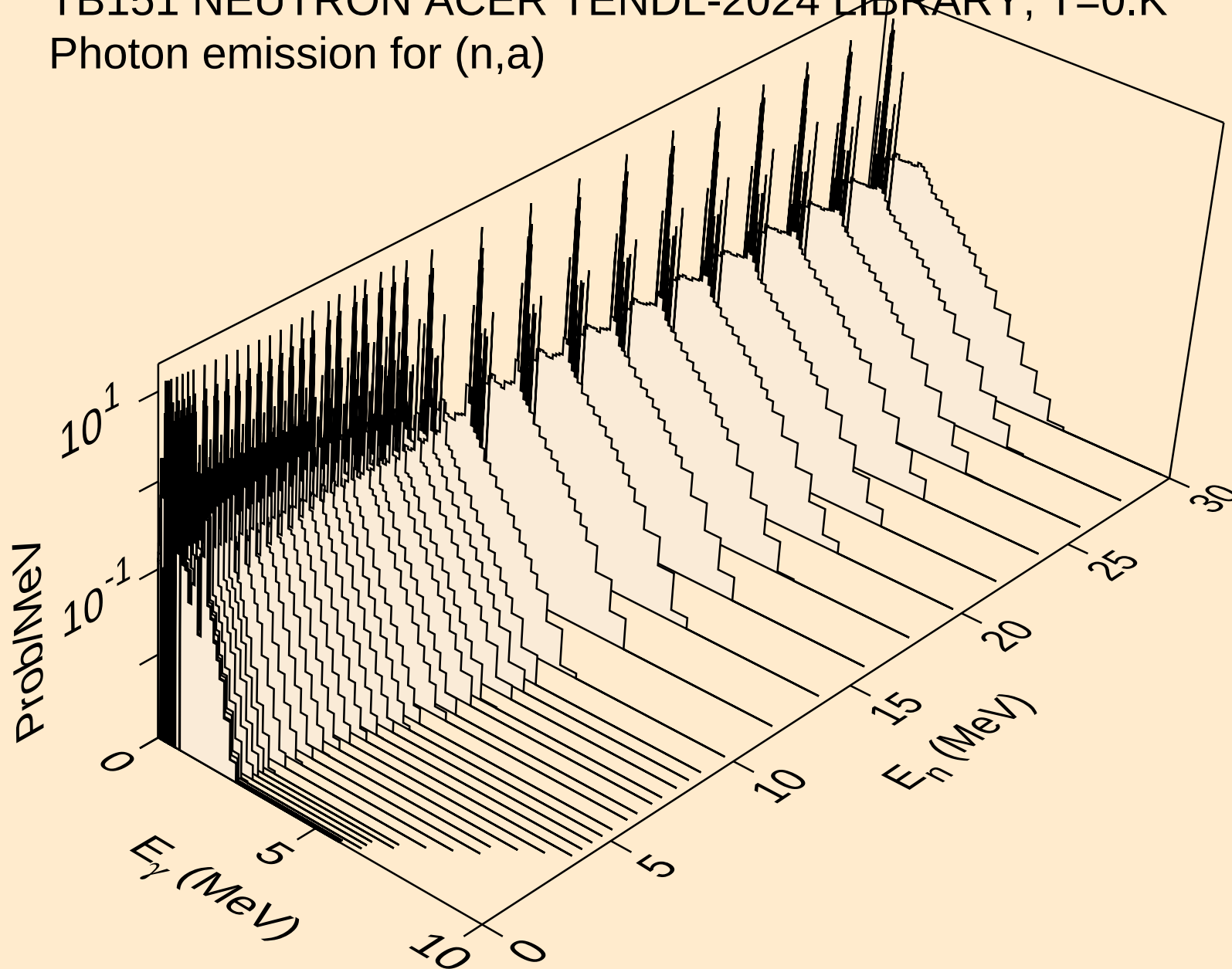
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Photon emission for (n,t)



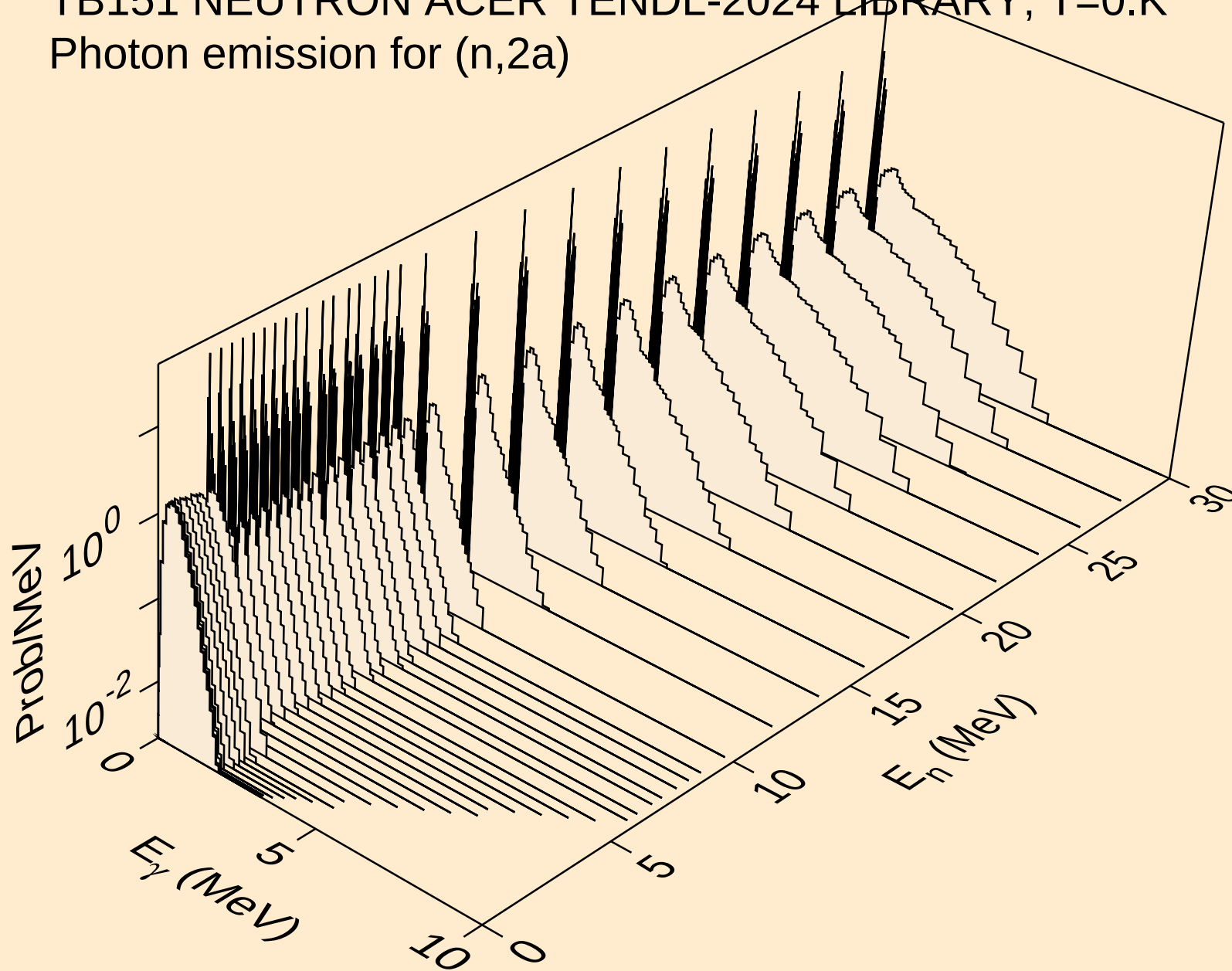
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



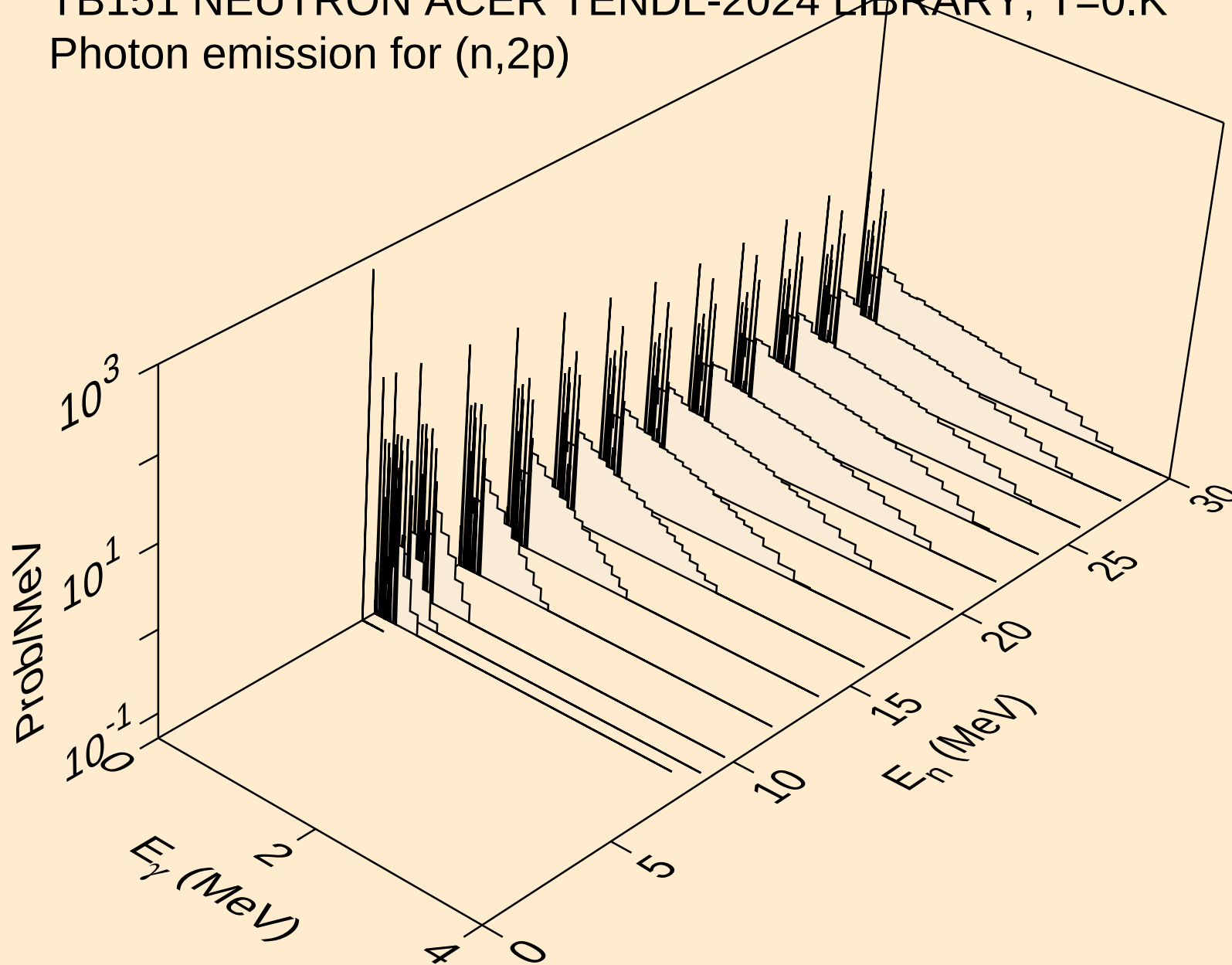
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



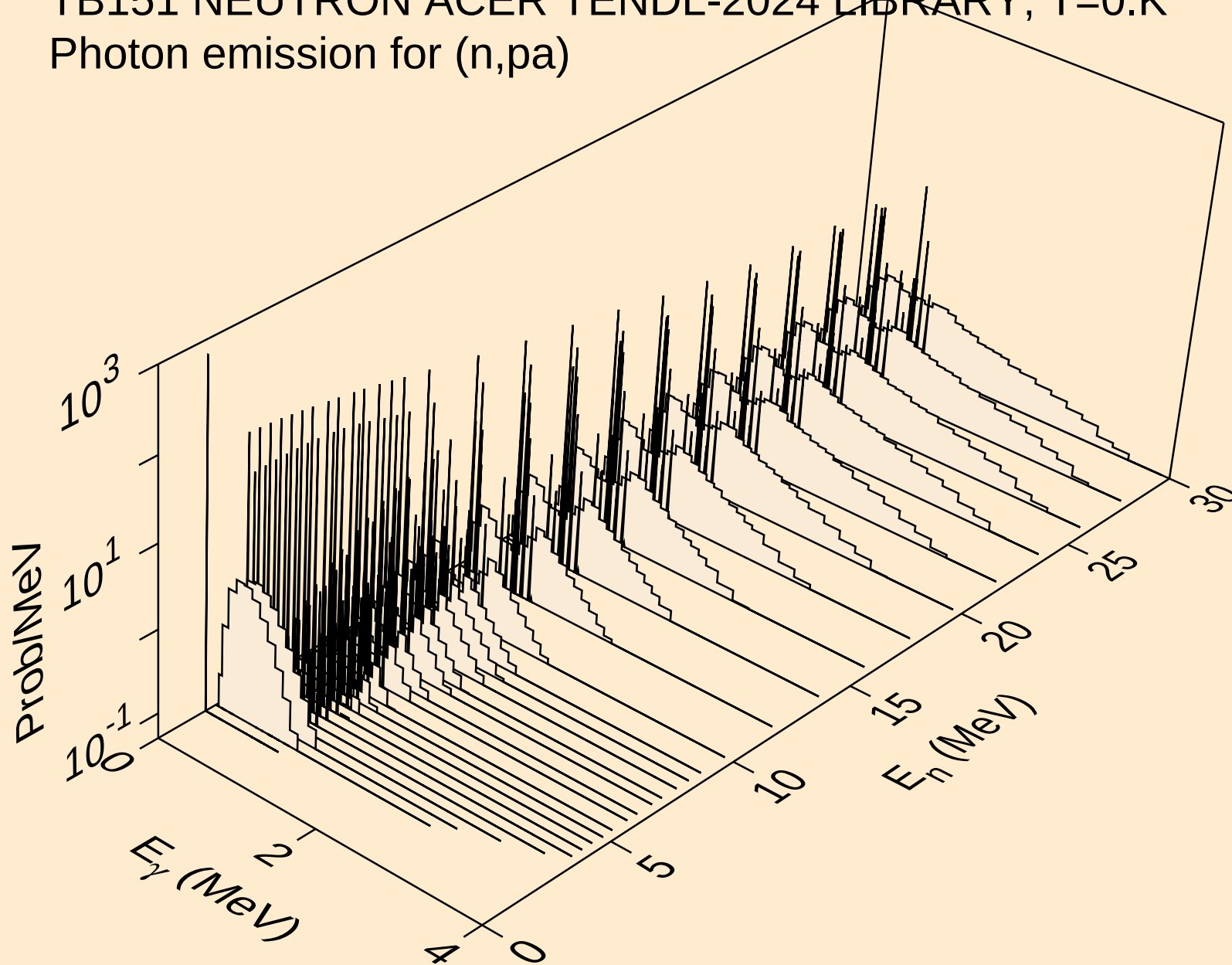
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



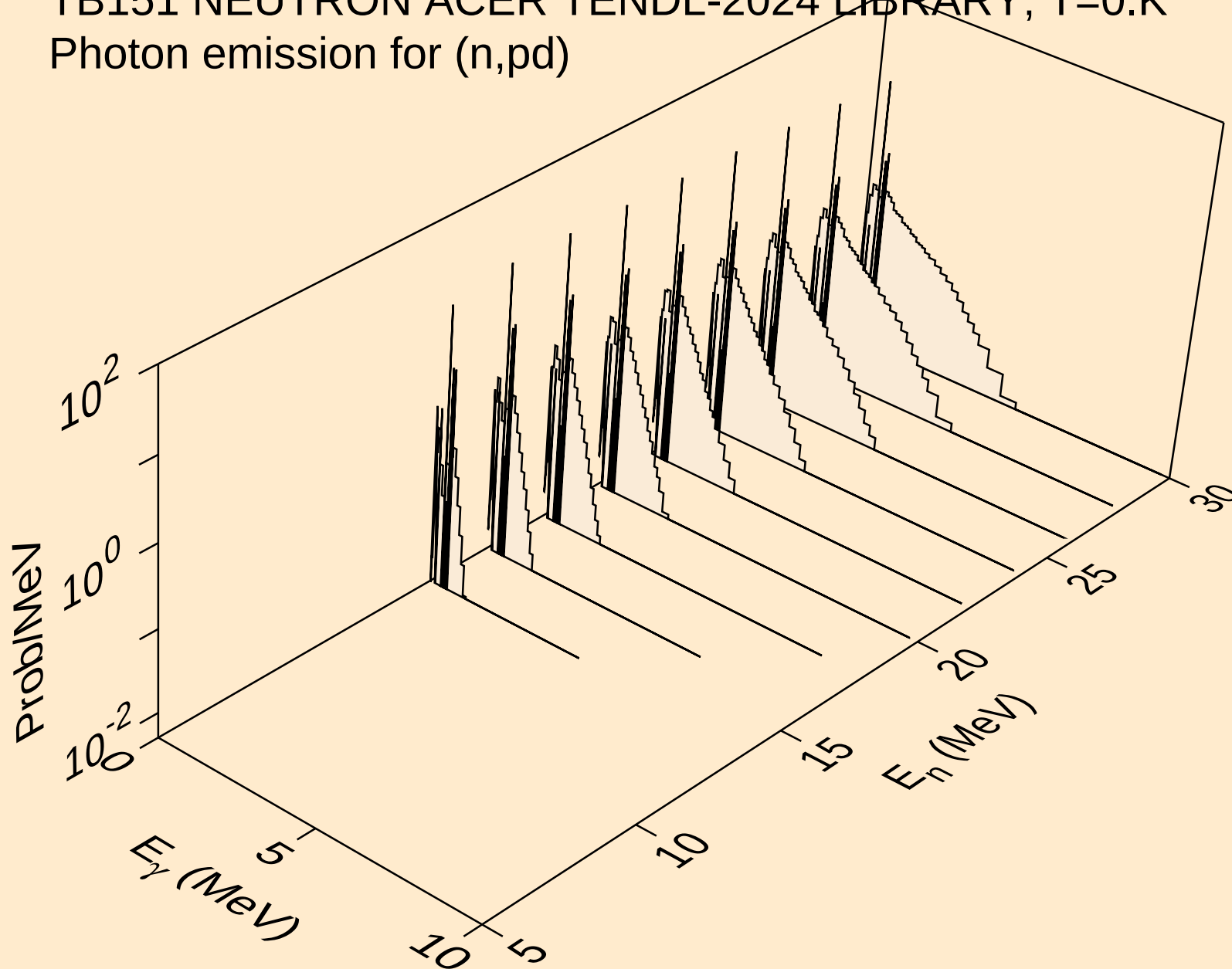
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Photon emission for (n,2p)



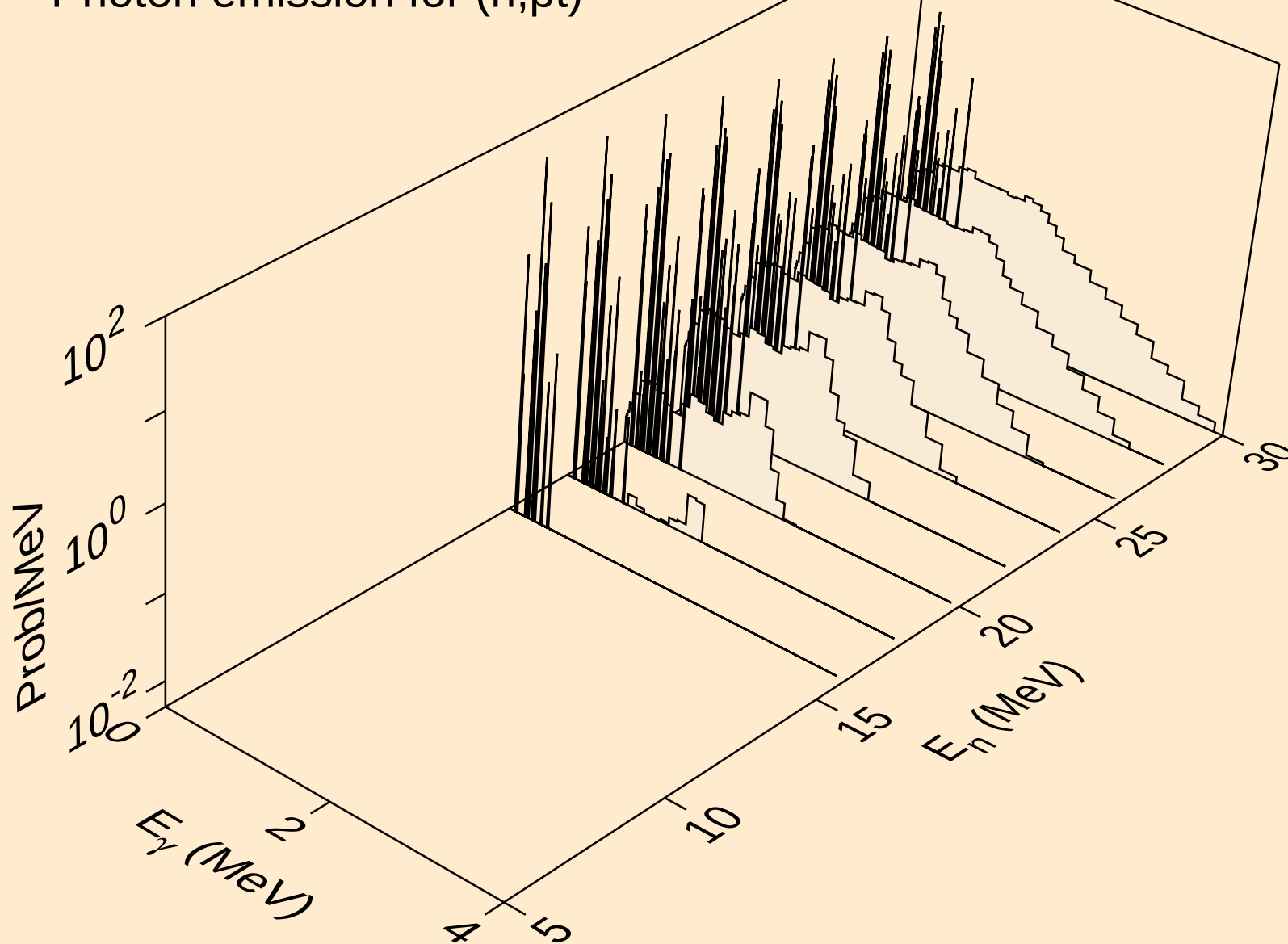
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Photon emission for (n,p α)



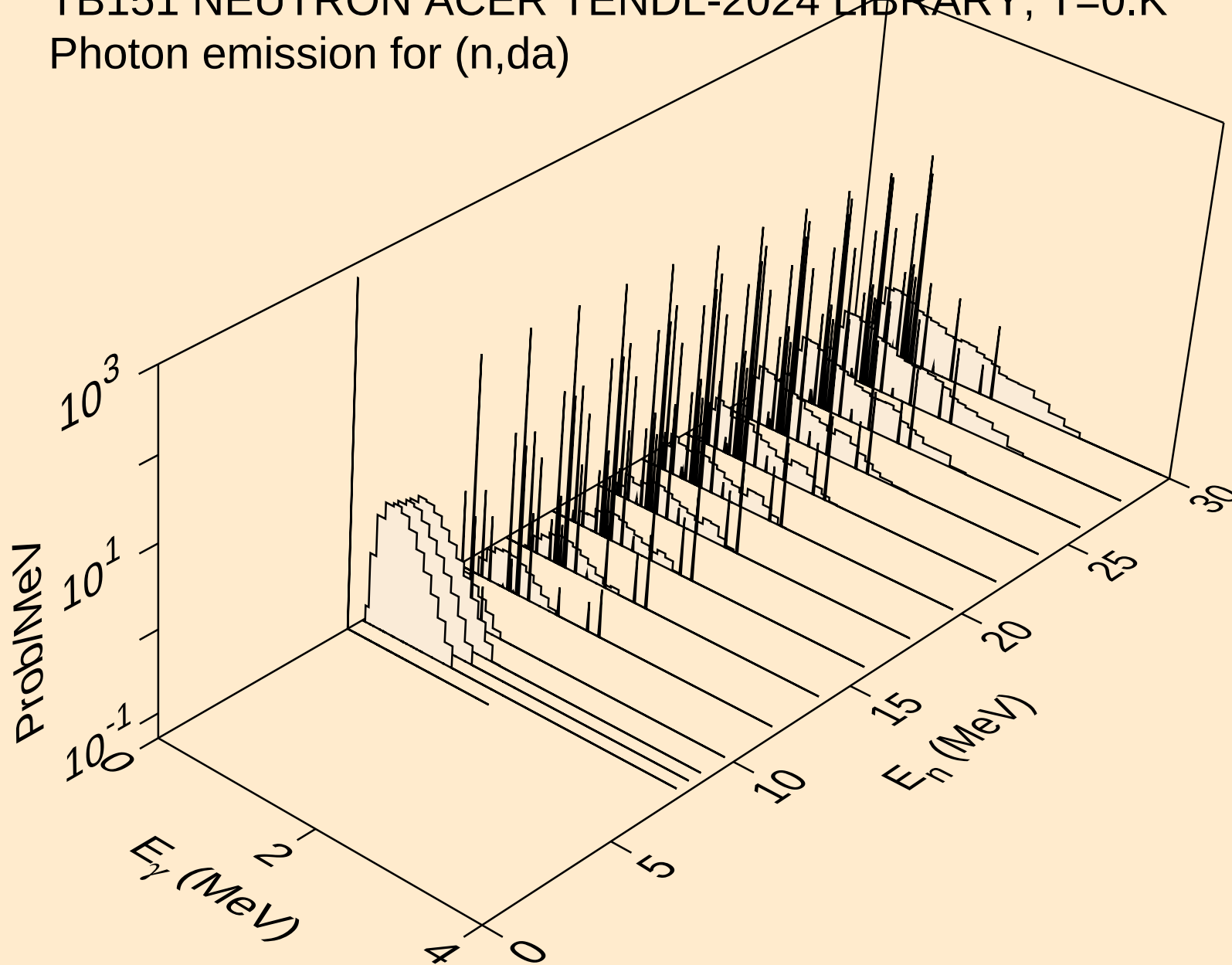
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



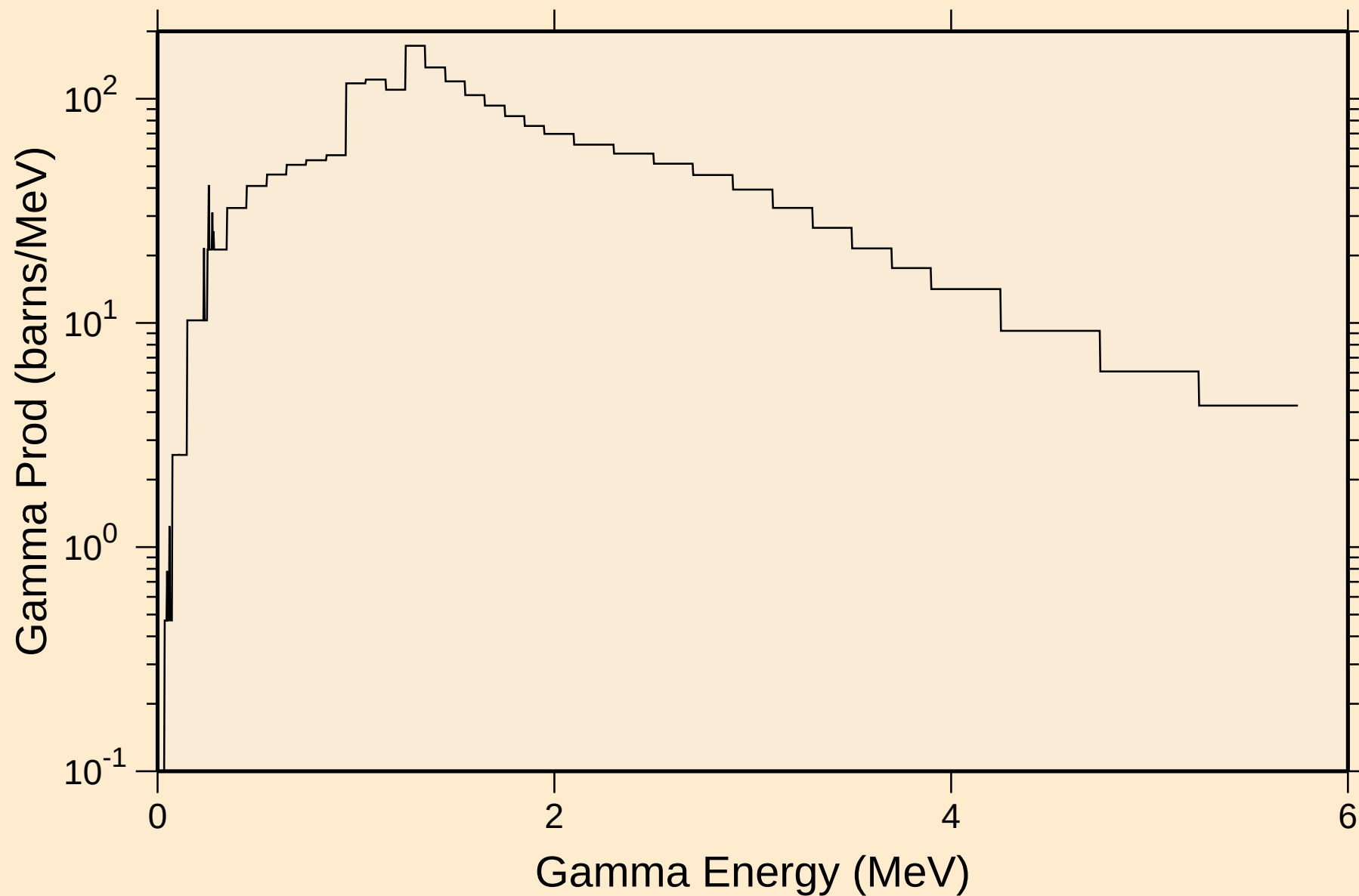
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



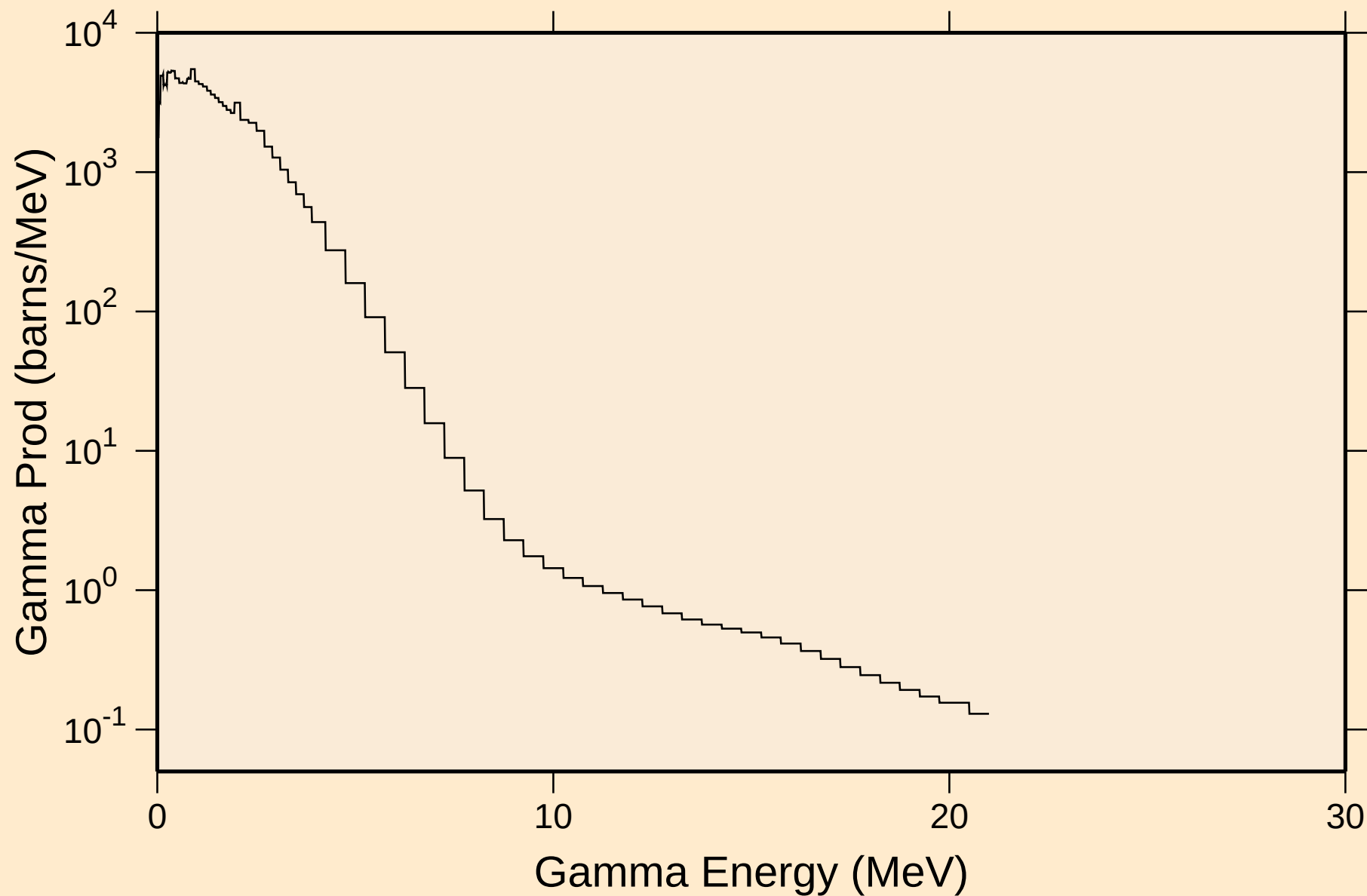
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

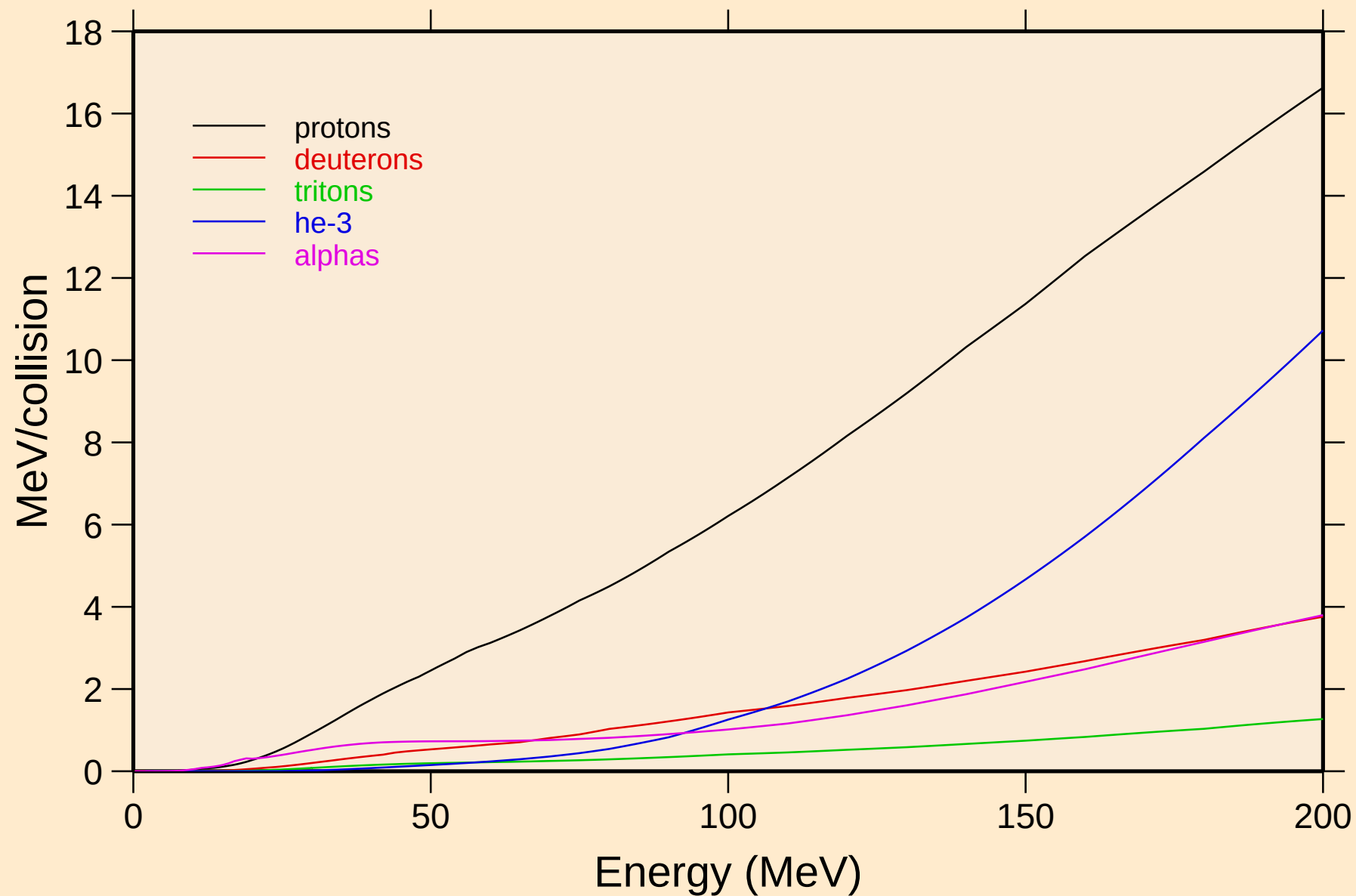


TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum

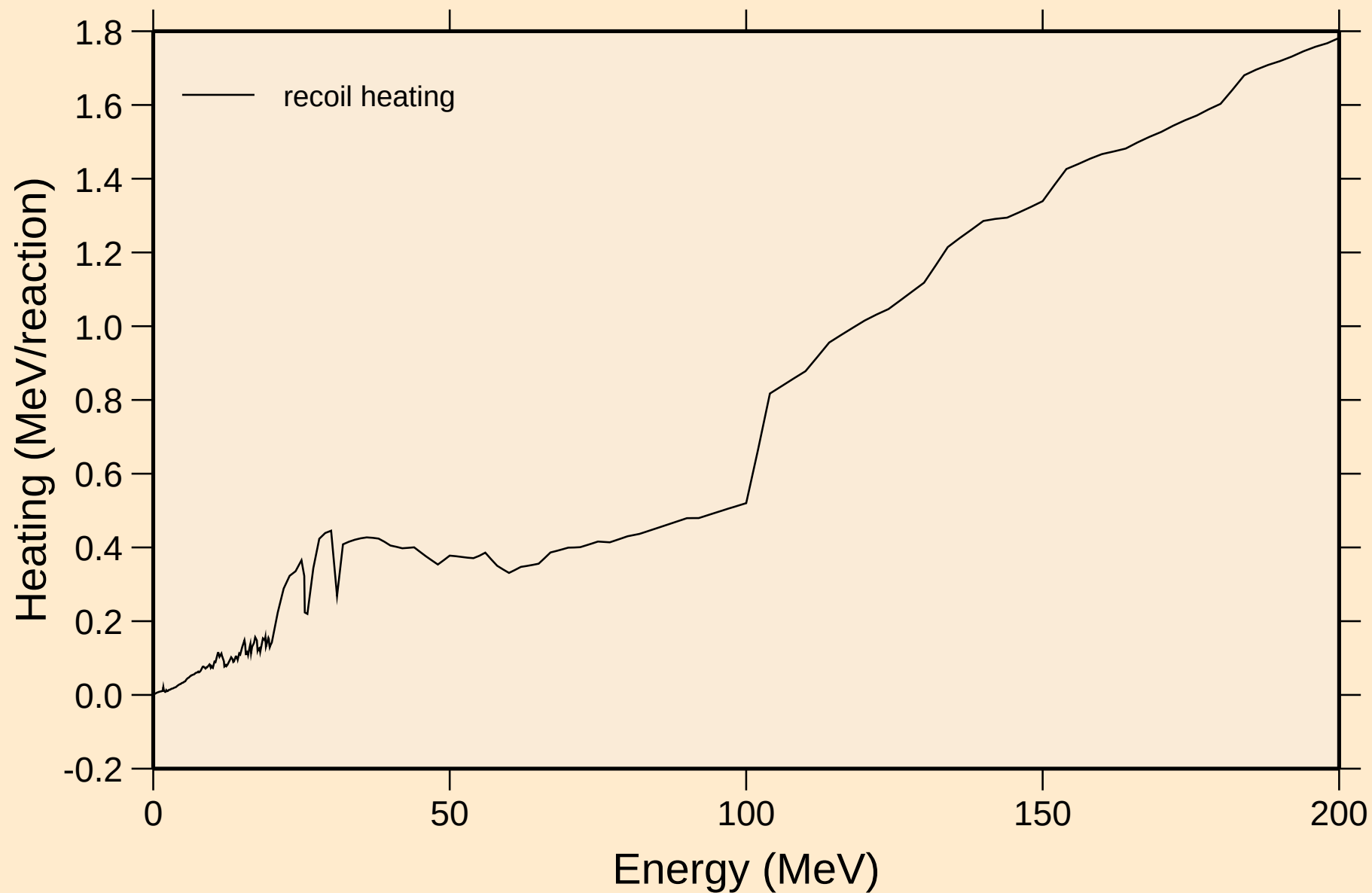


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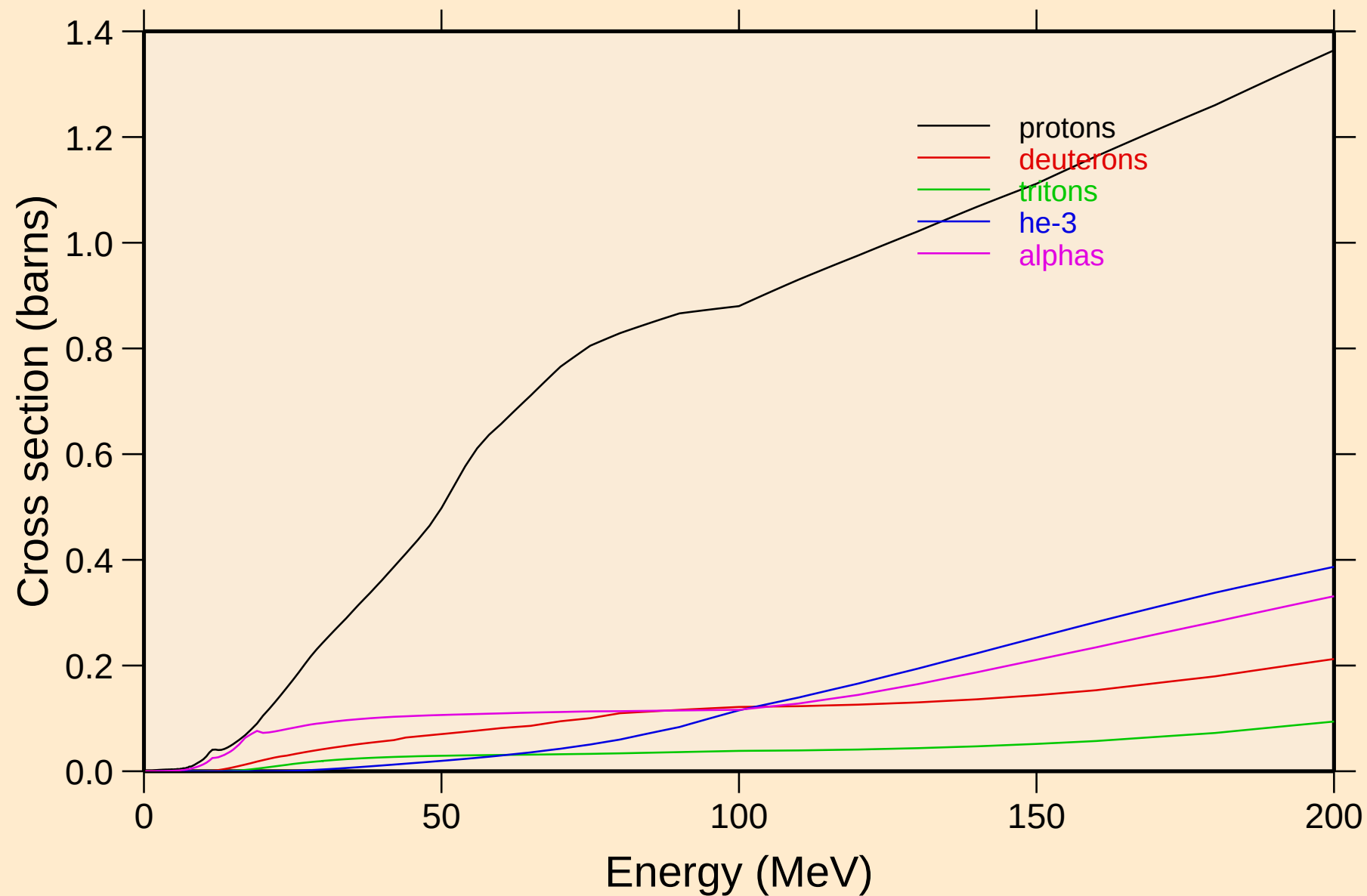
Particle heating contributions



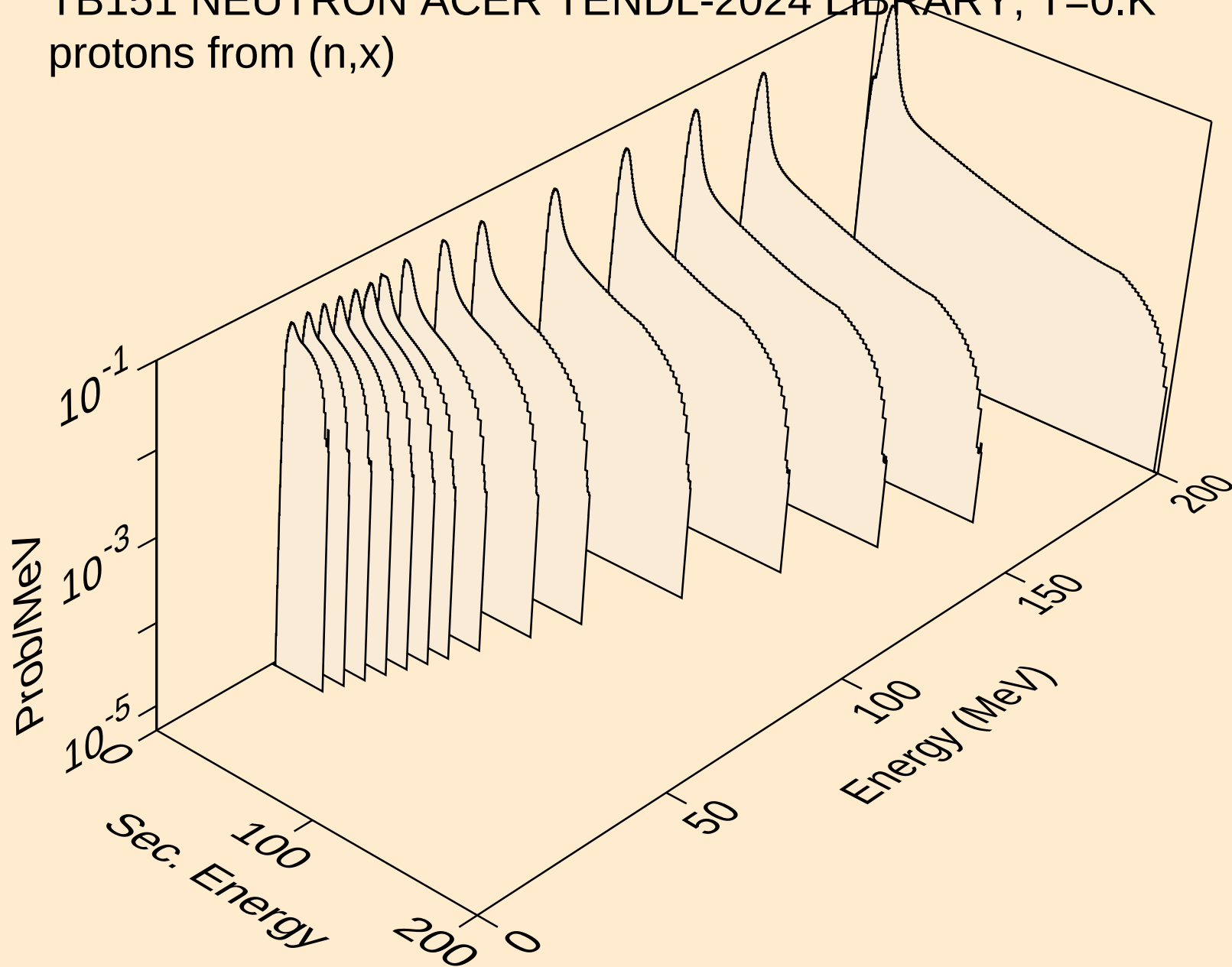
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Recoil Heating



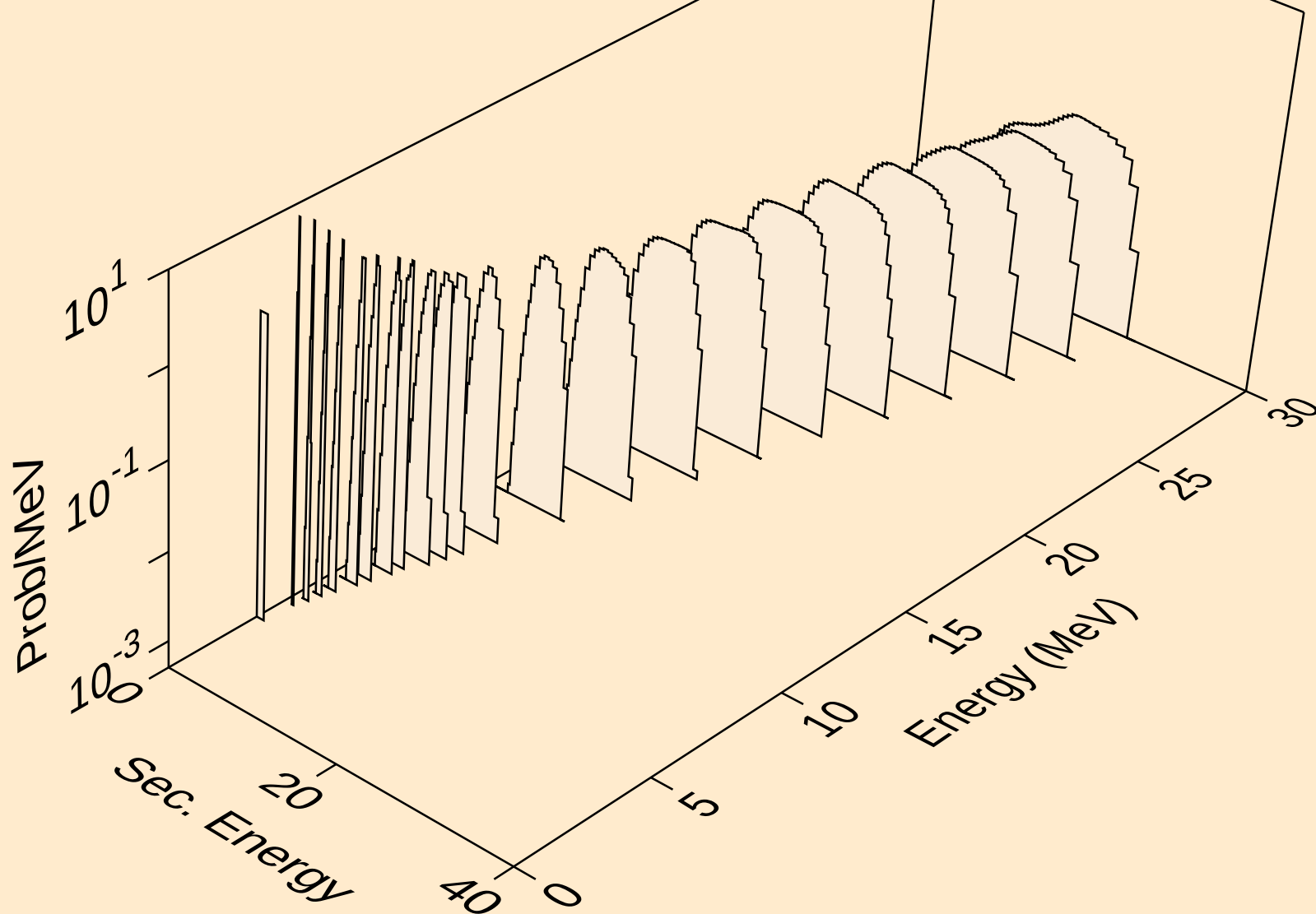
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Particle production cross sections



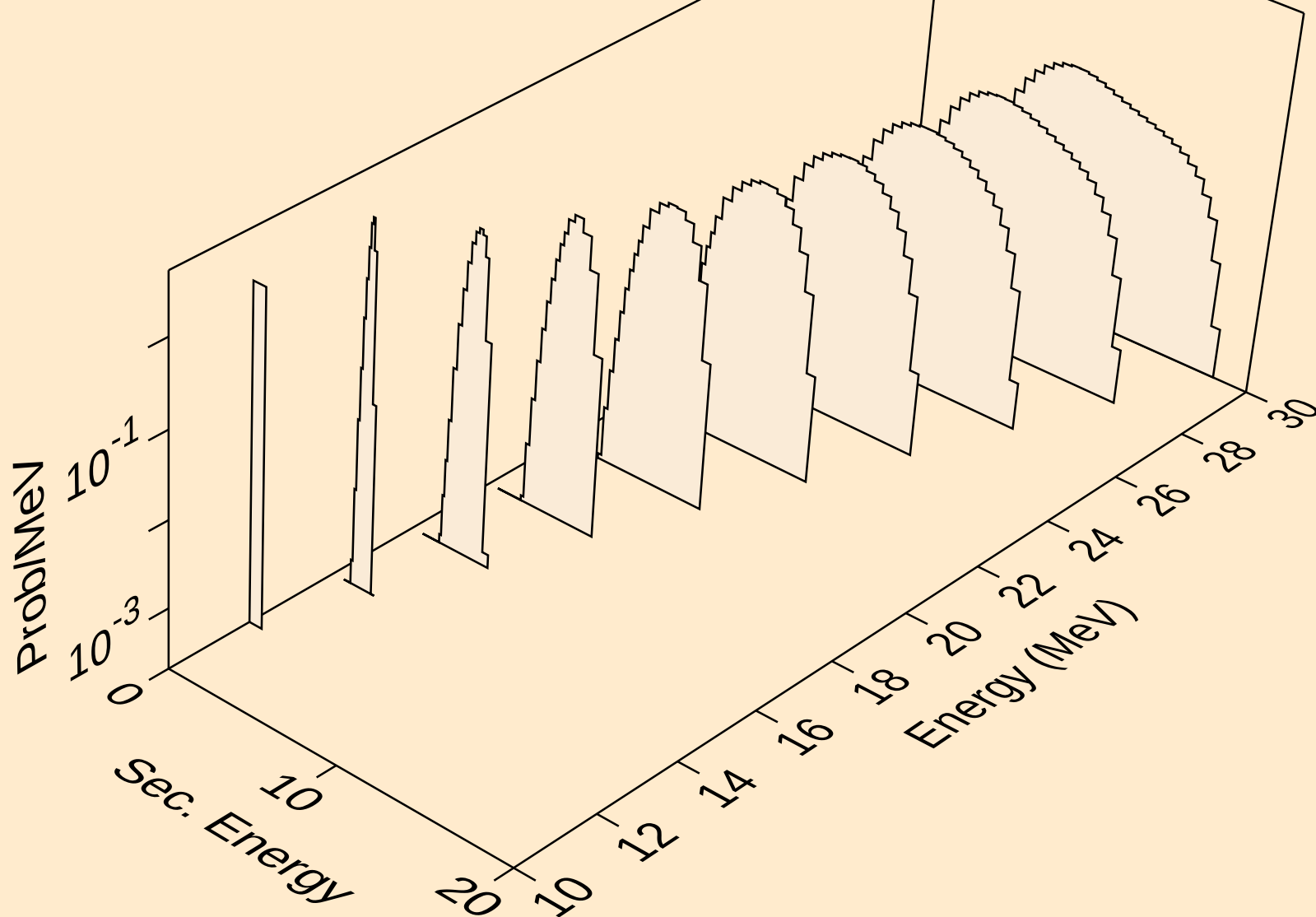
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protons from (n,x)



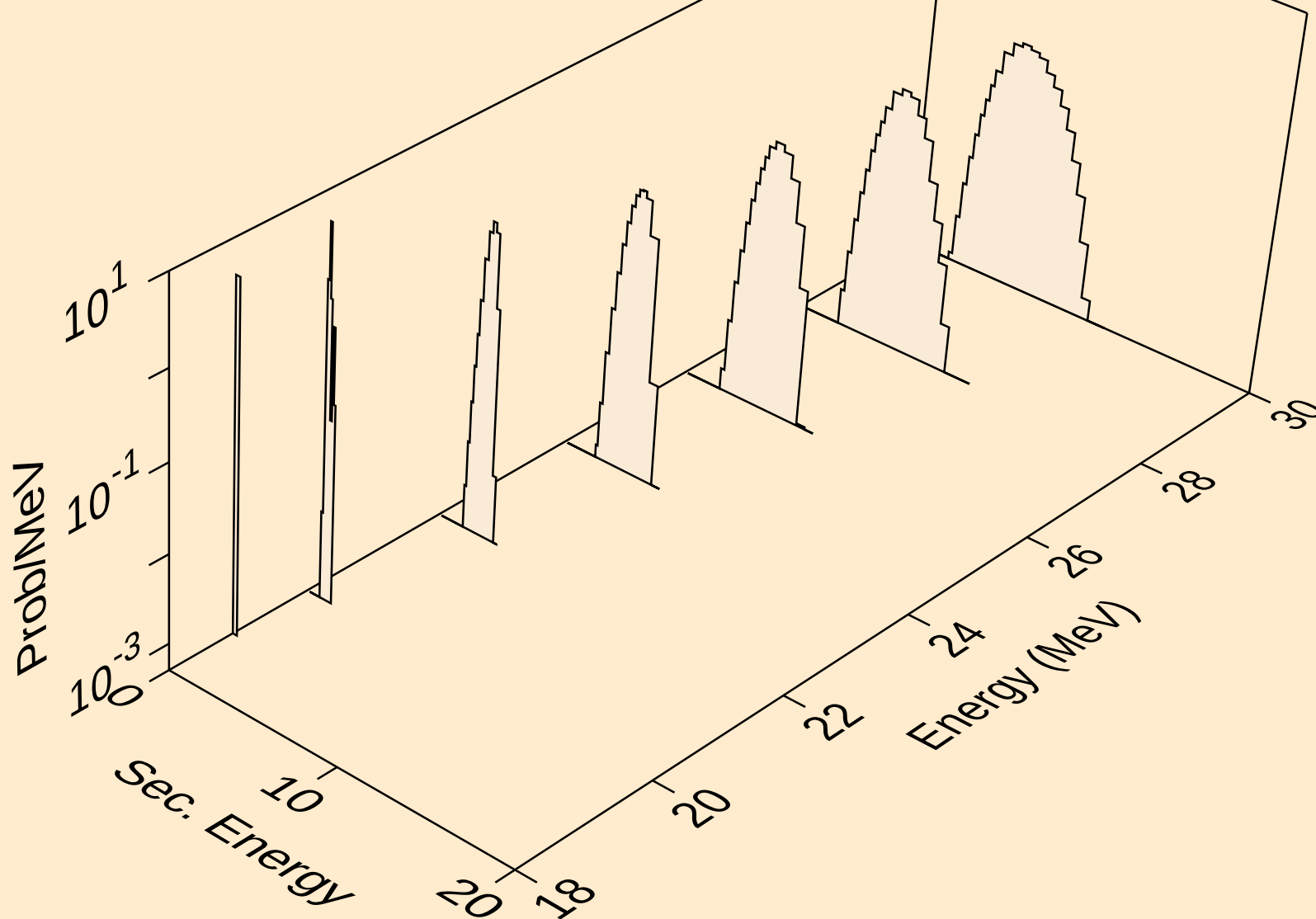
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protons from (n,n*)p



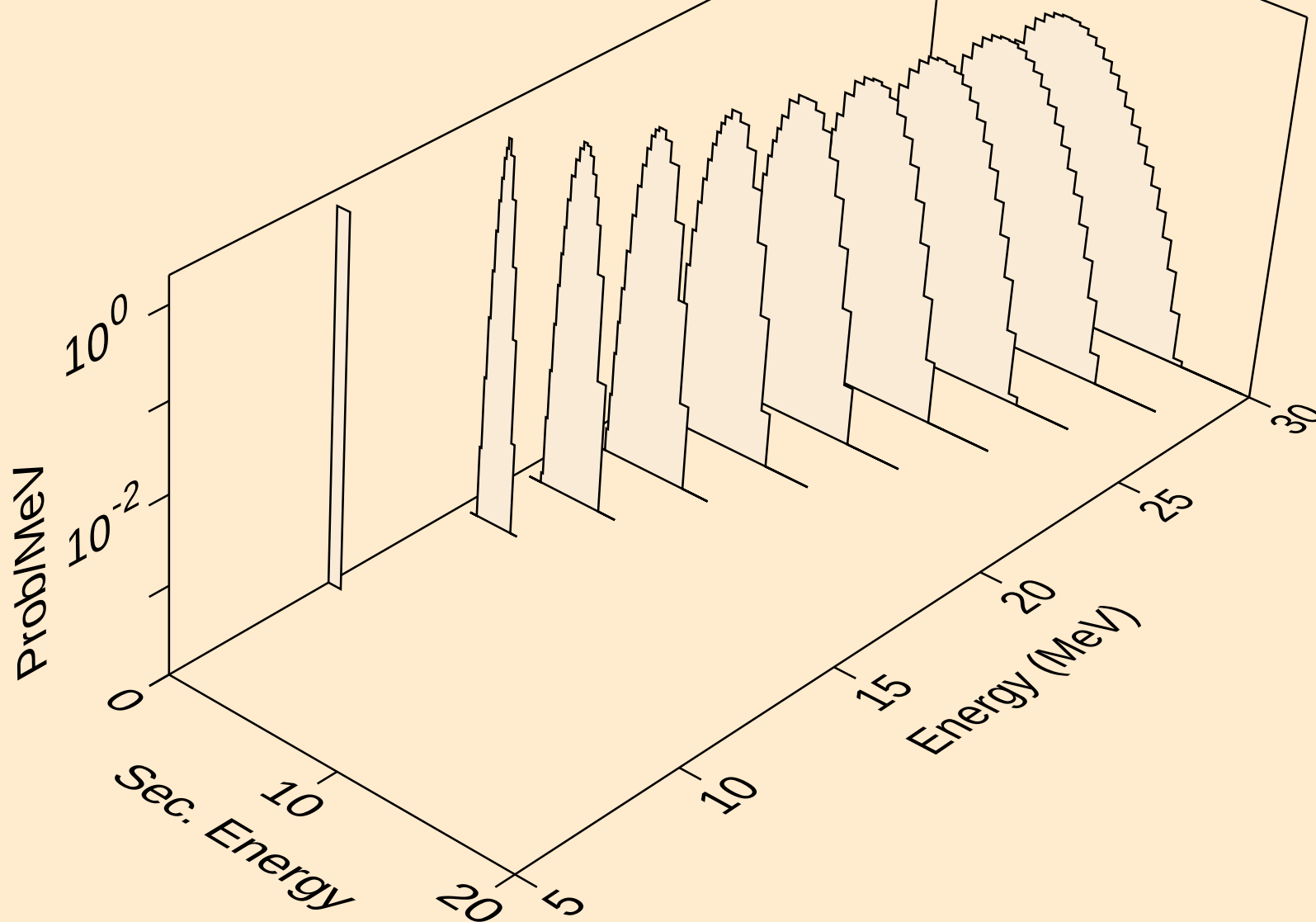
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protons from (n,2np)



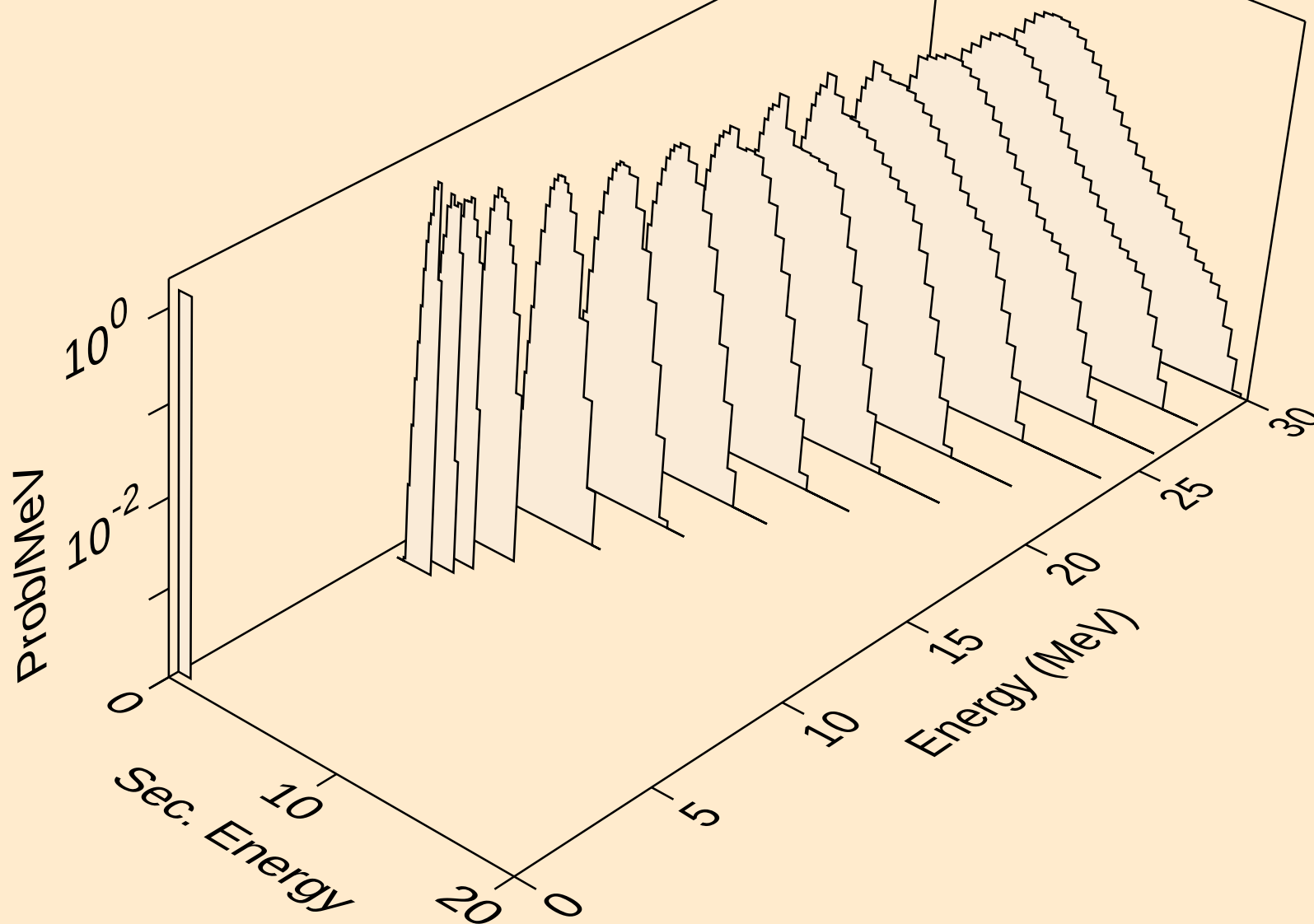
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protons from (n,3np)



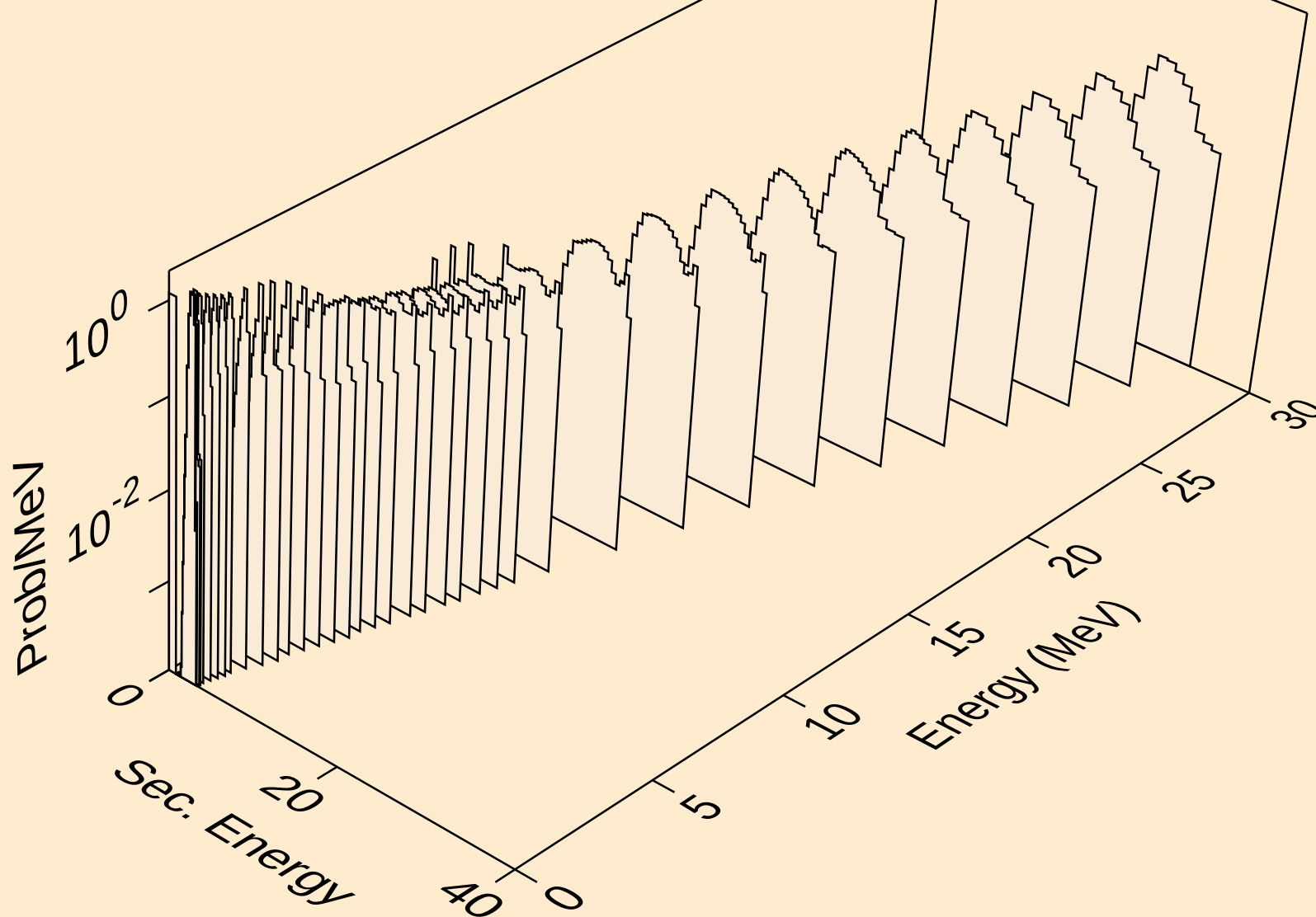
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protons from (n,n2p)



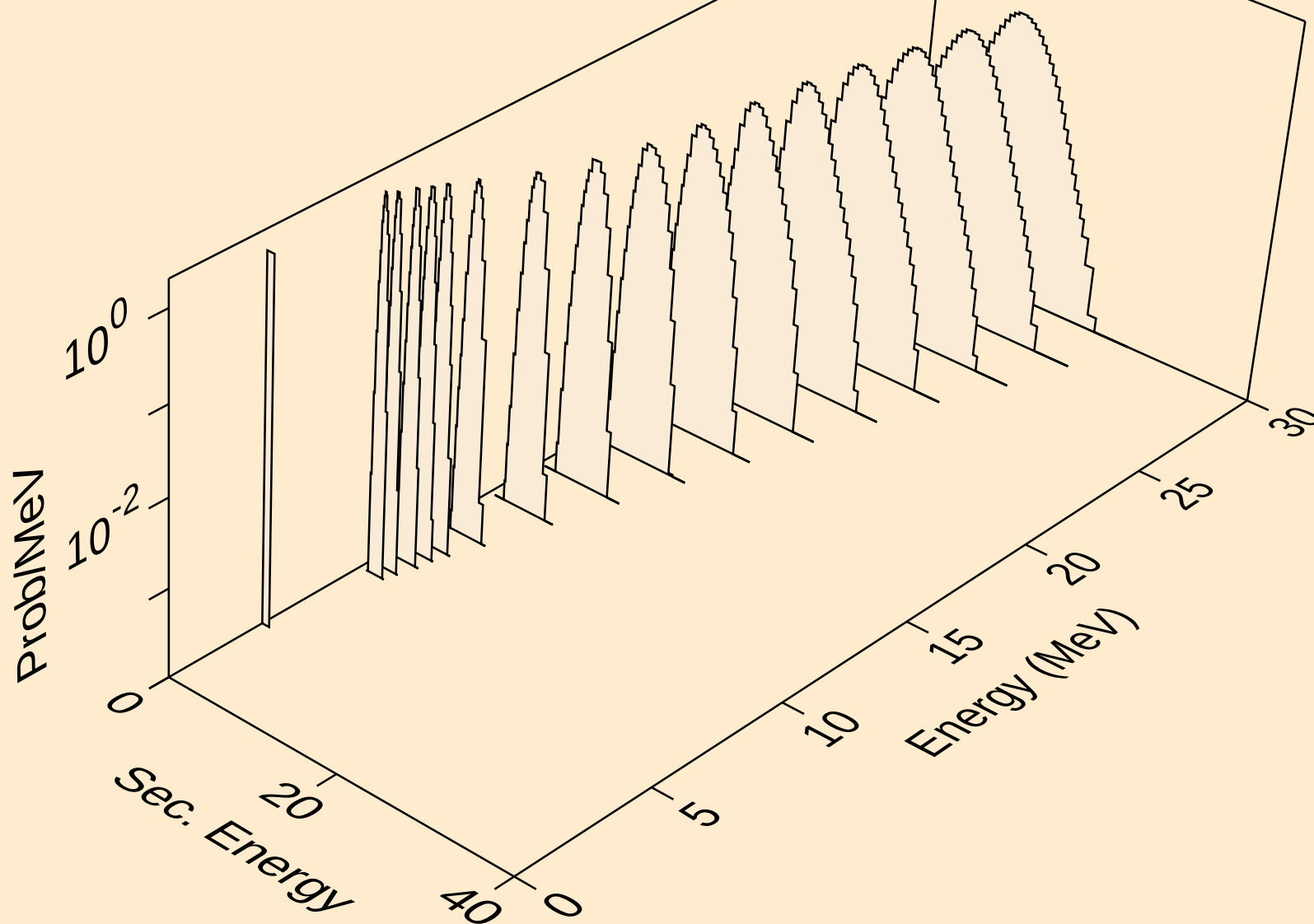
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protons from (n,npa)



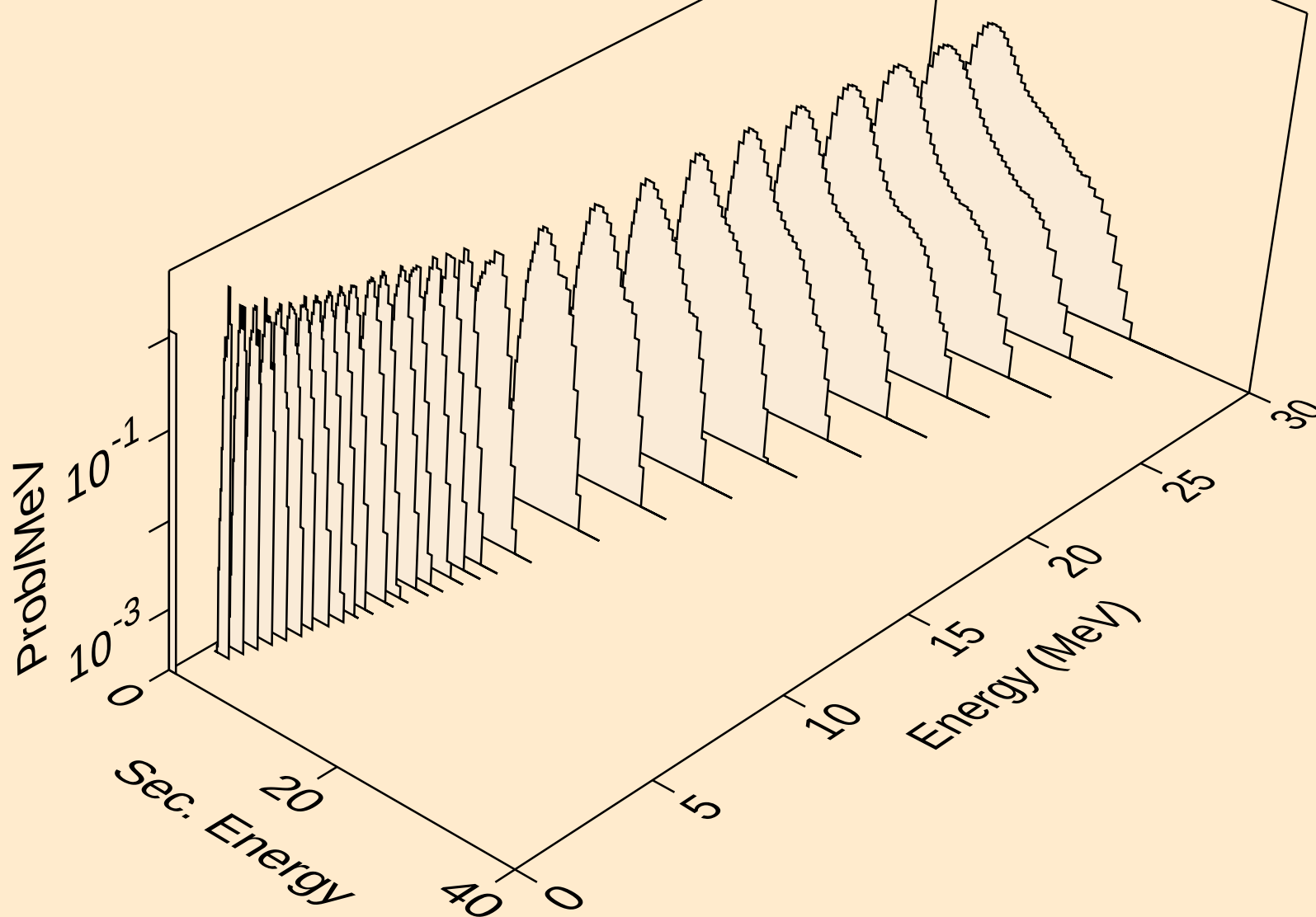
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protons from (n,p)



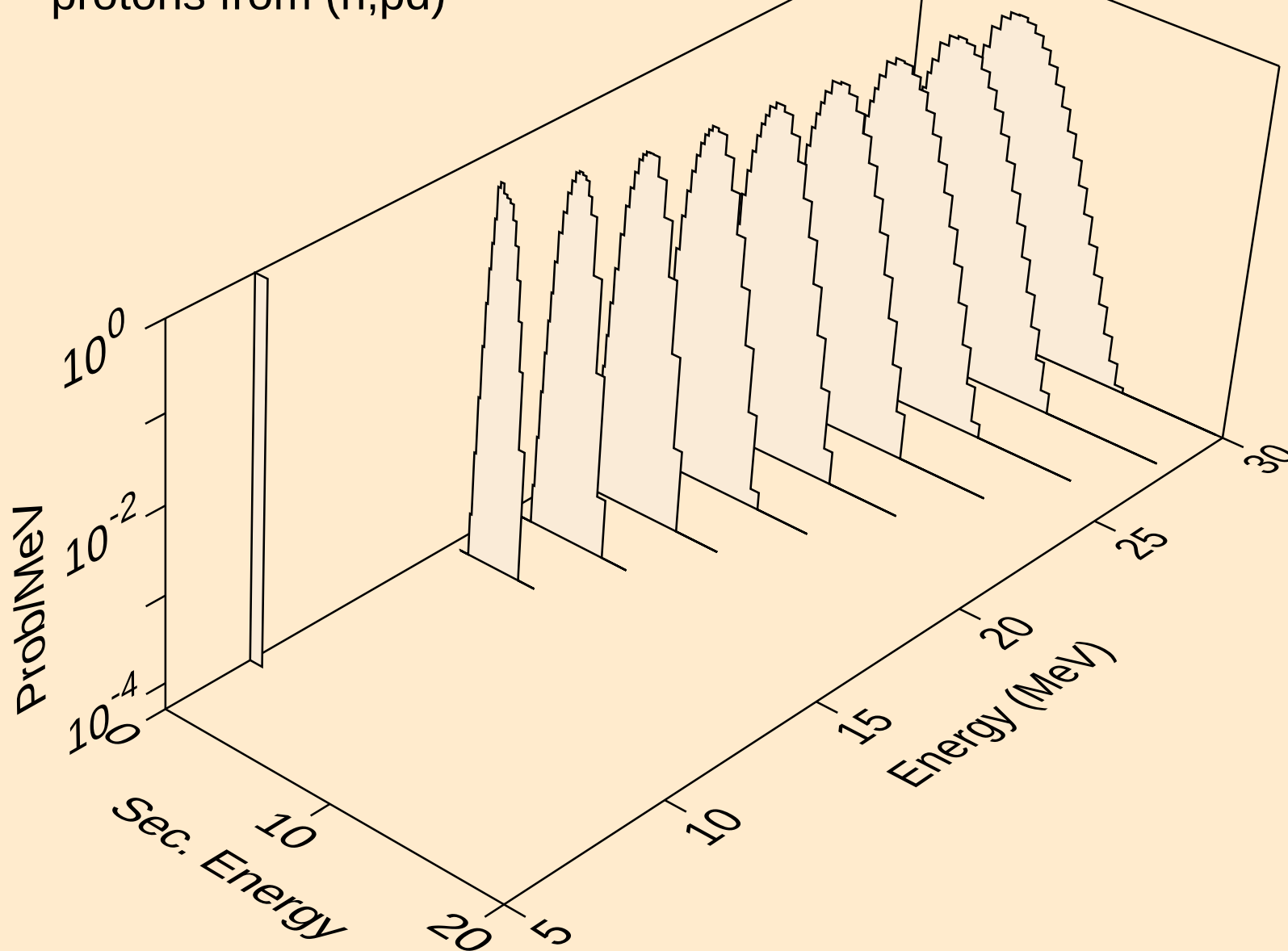
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protons from (n,2p)



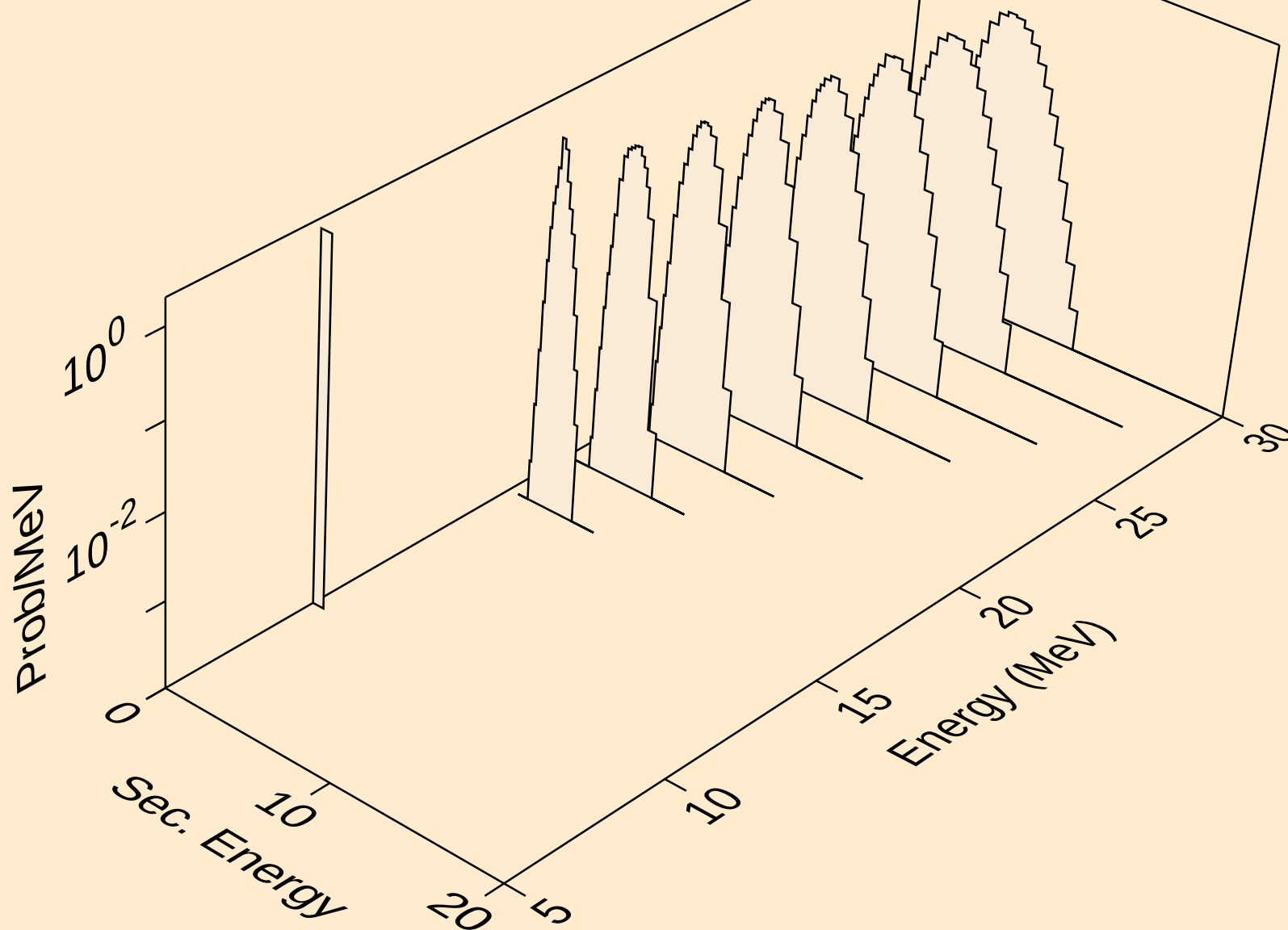
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protons from (n,p)



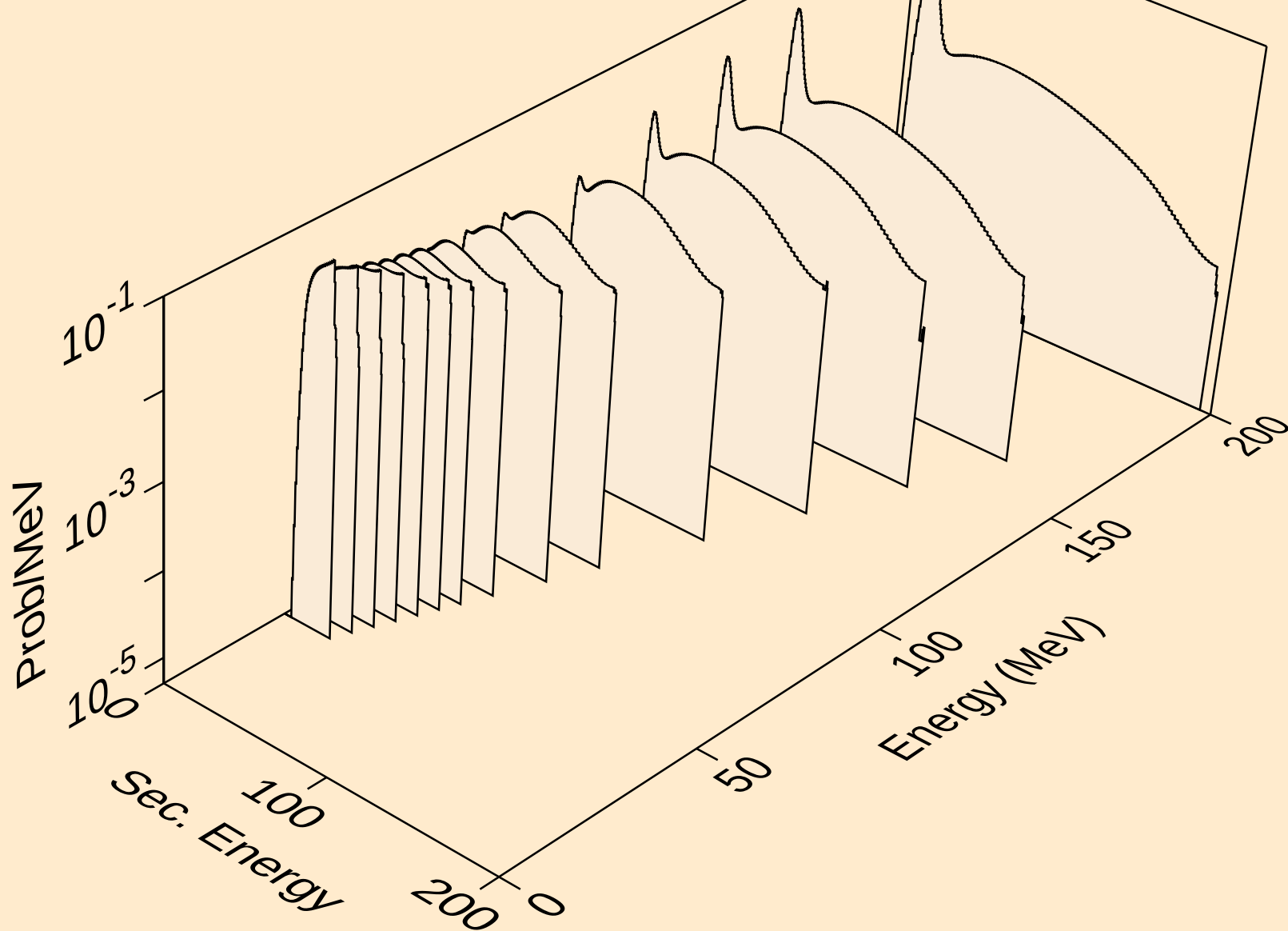
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protons from (n,pd)



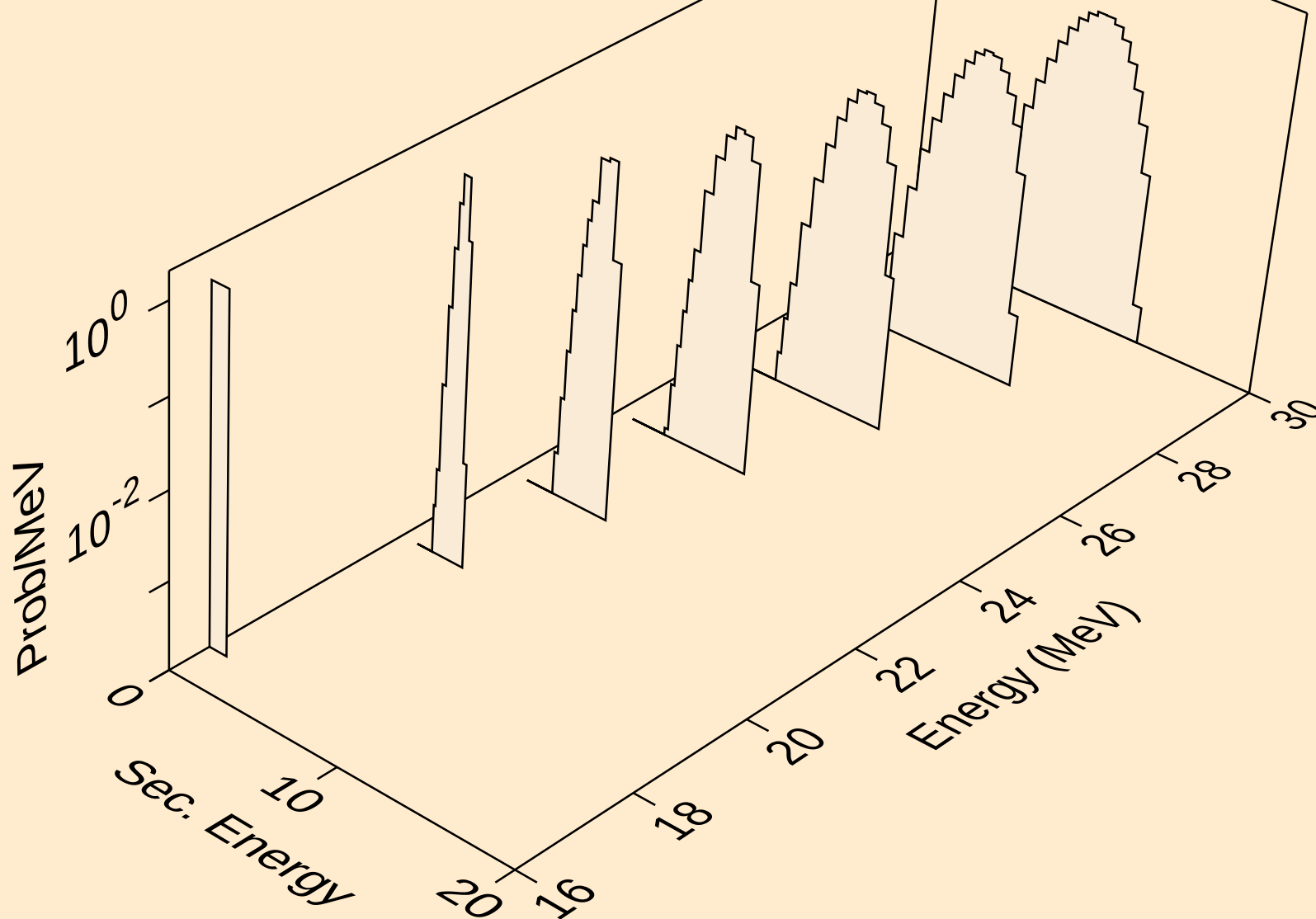
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protons from (n,pt)



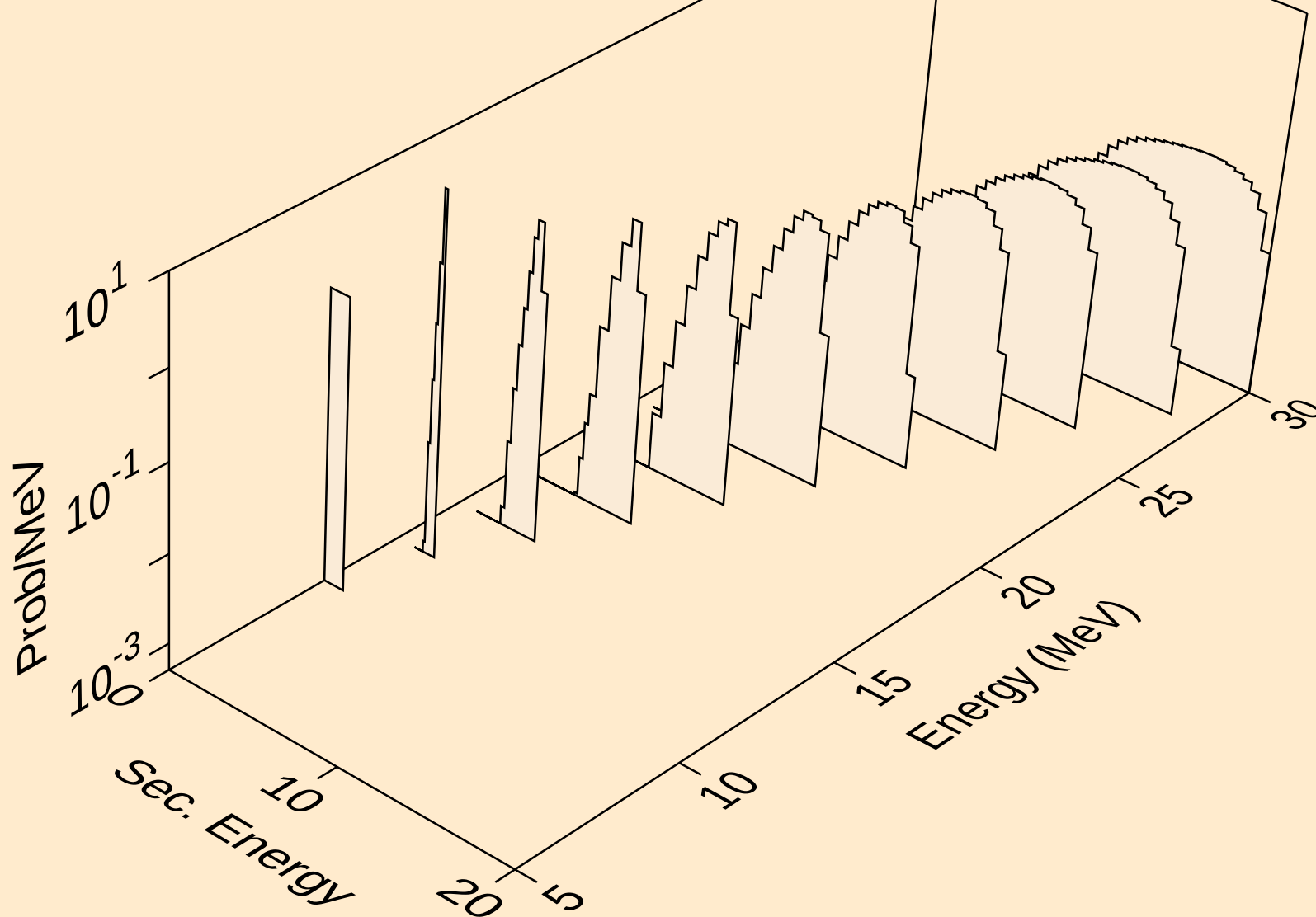
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



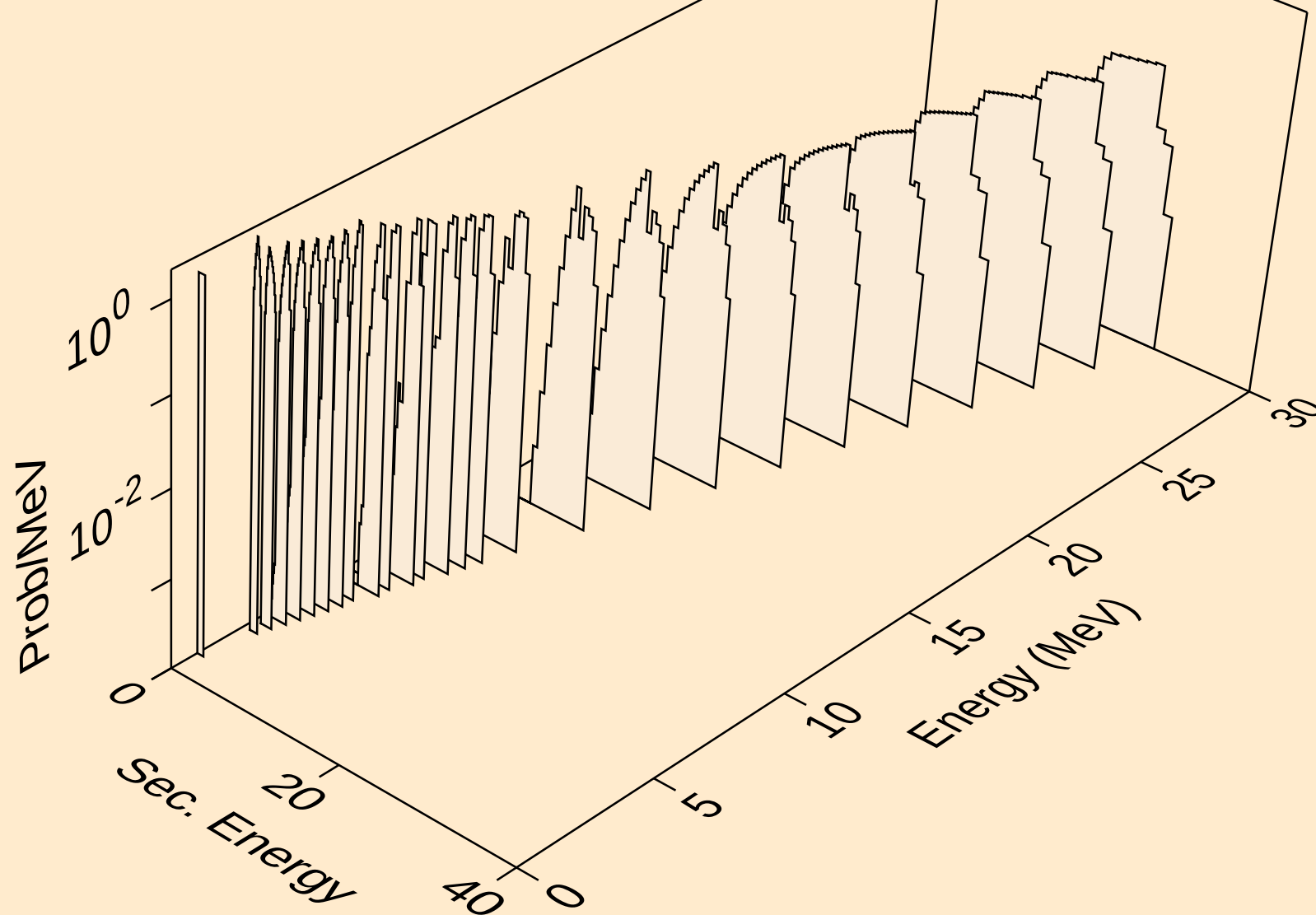
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deuterons from (n,2nd)



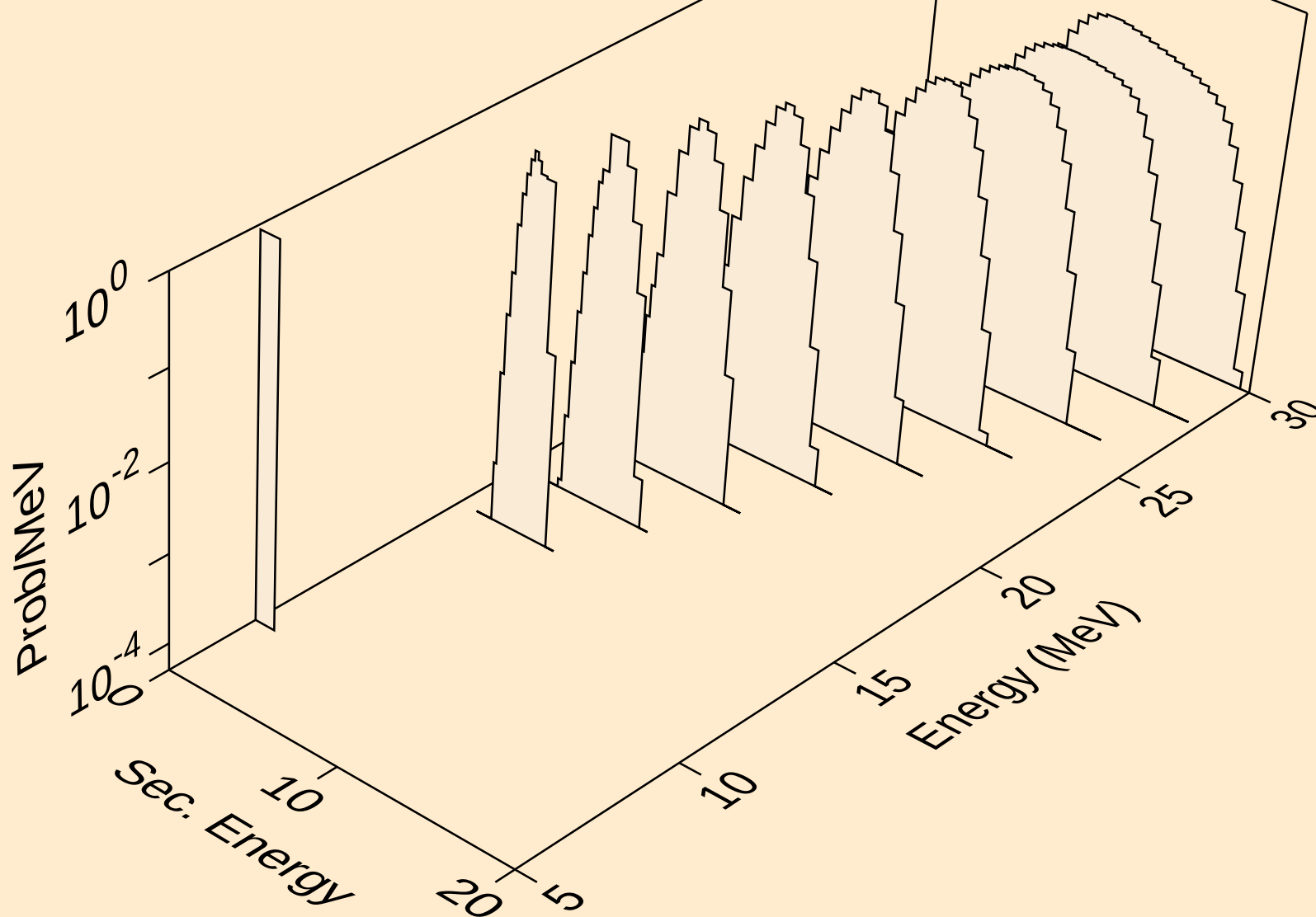
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deuterons from (n,n*)d



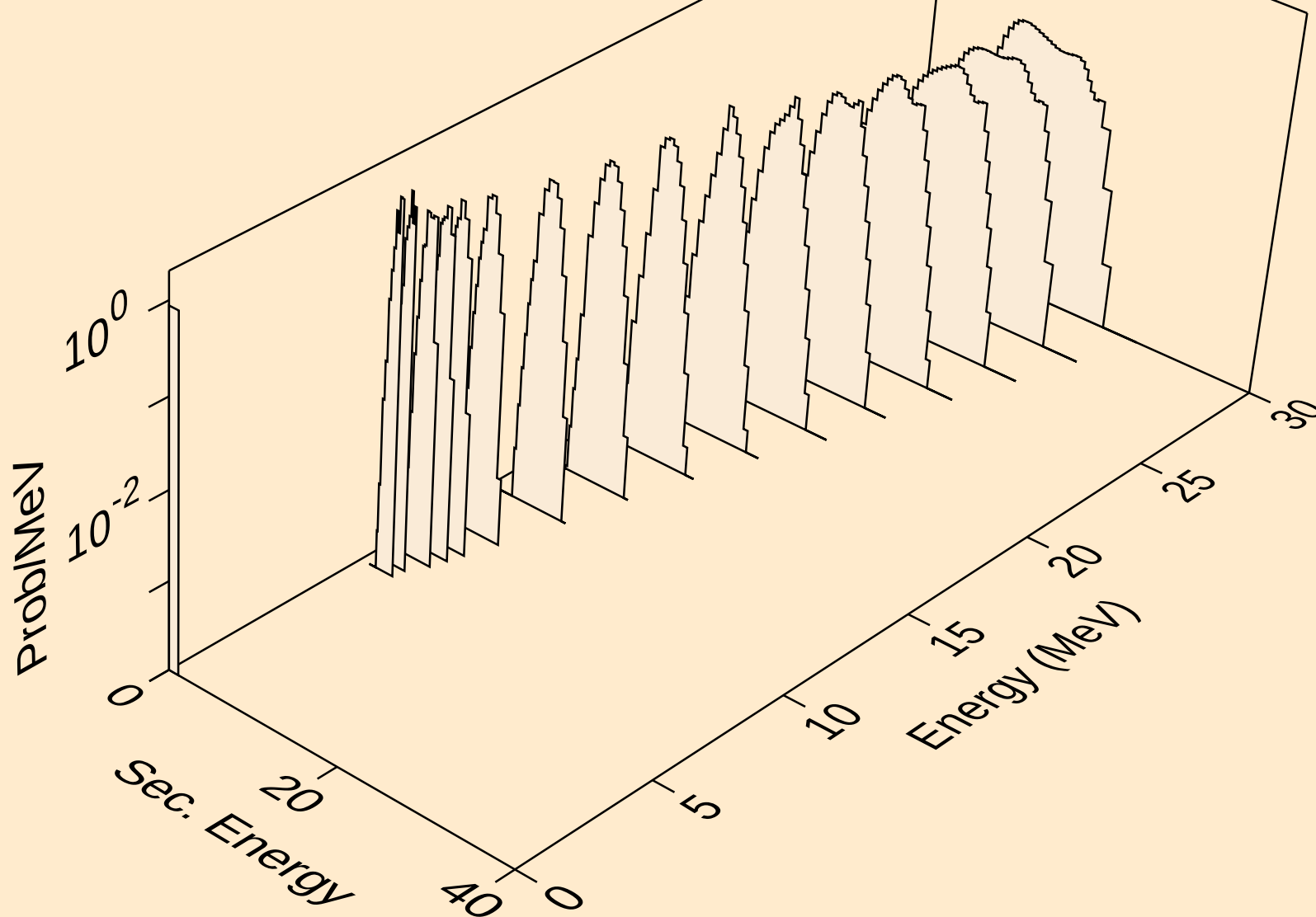
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deuterons from (n,d)



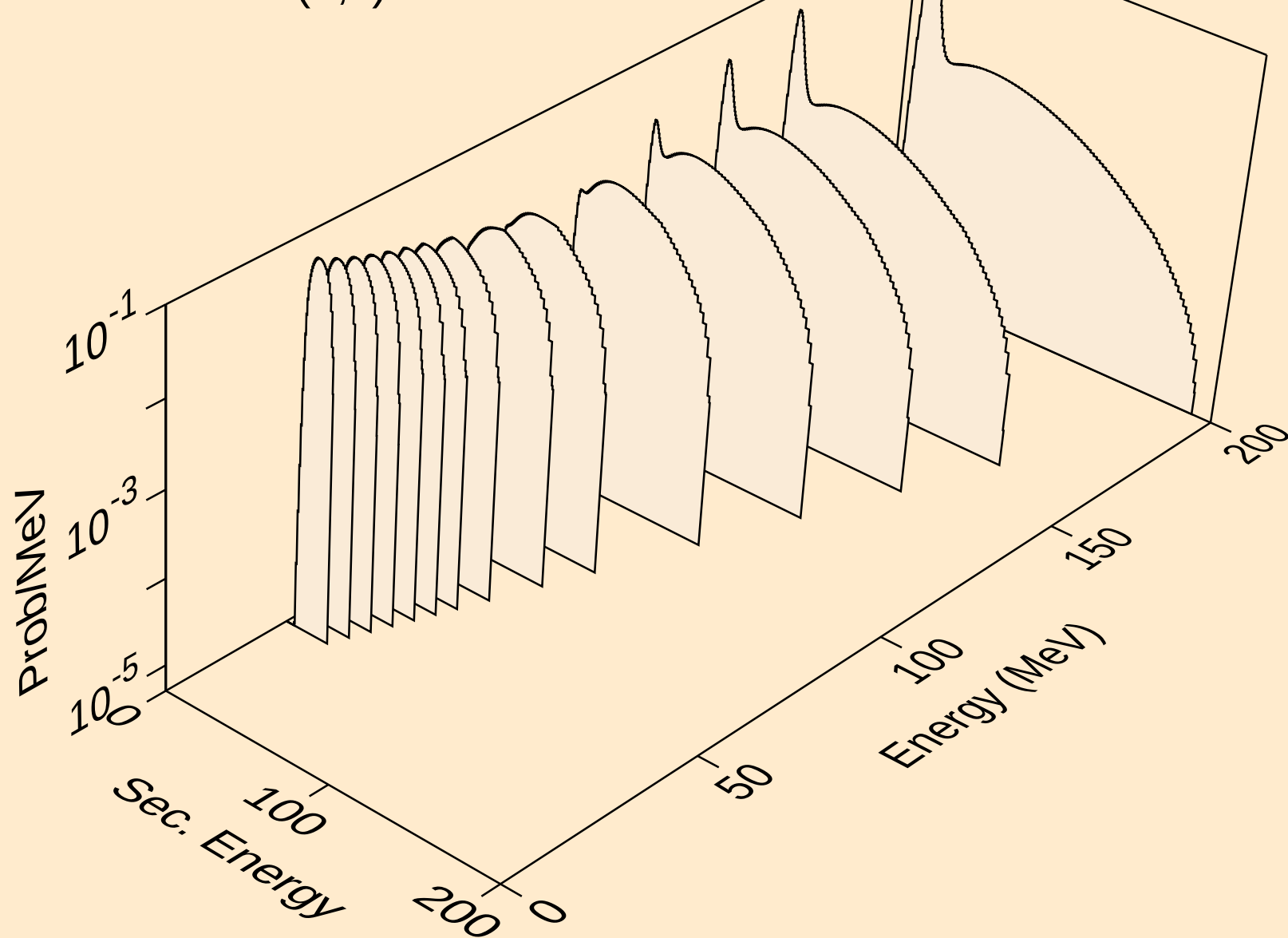
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deuterons from (n,pd)



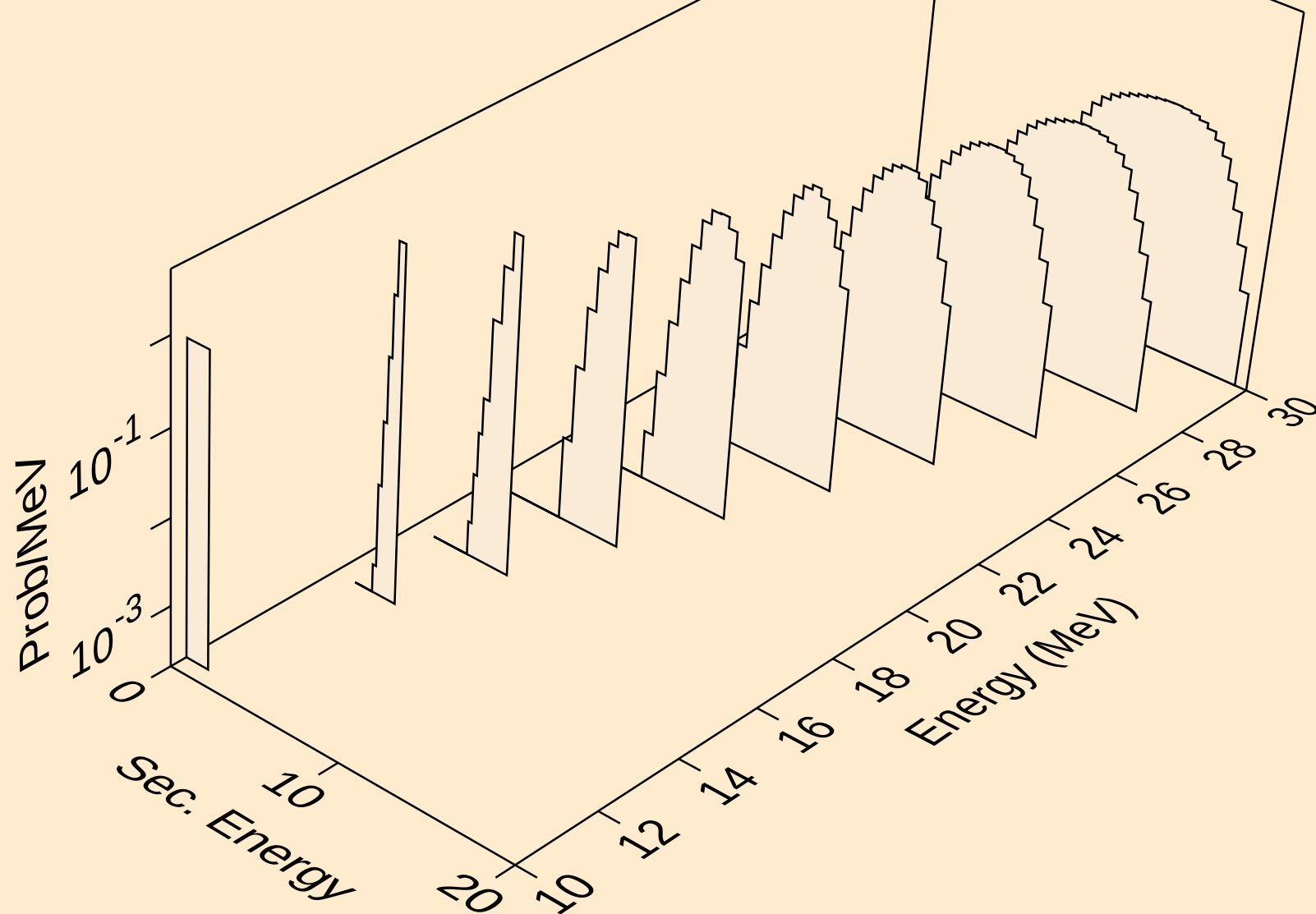
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deuterons from (n,da)



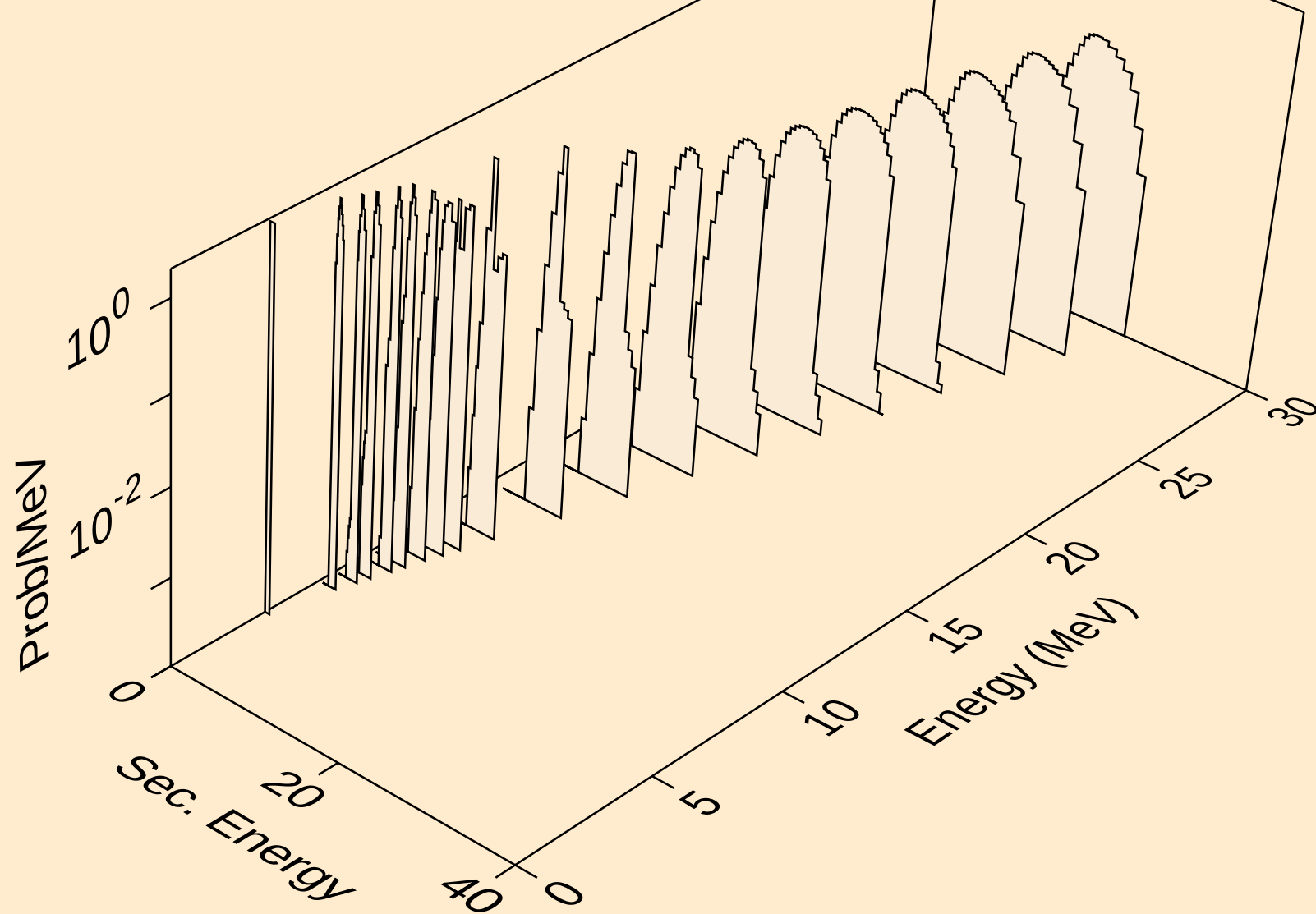
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tritons from (n,x)



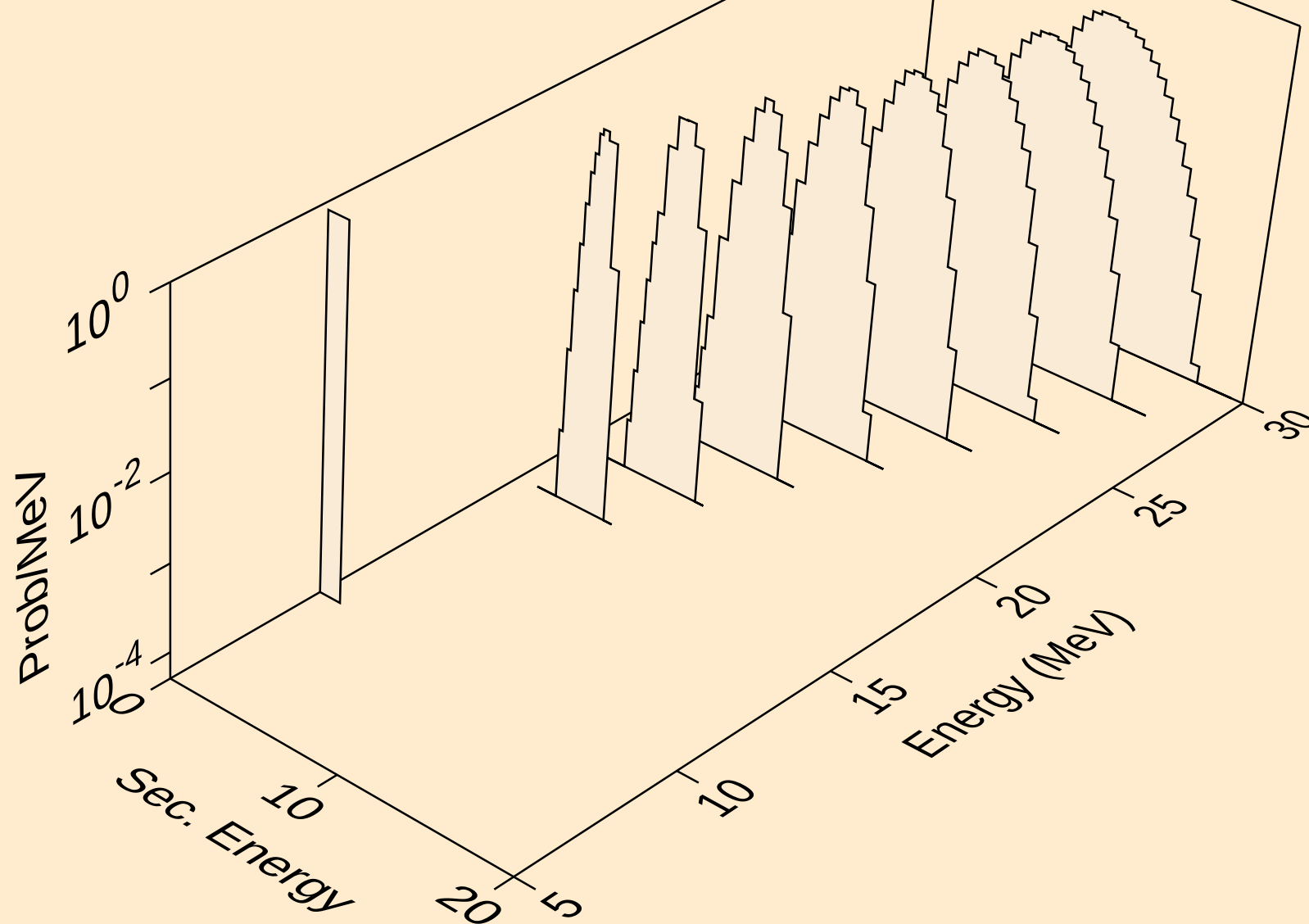
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



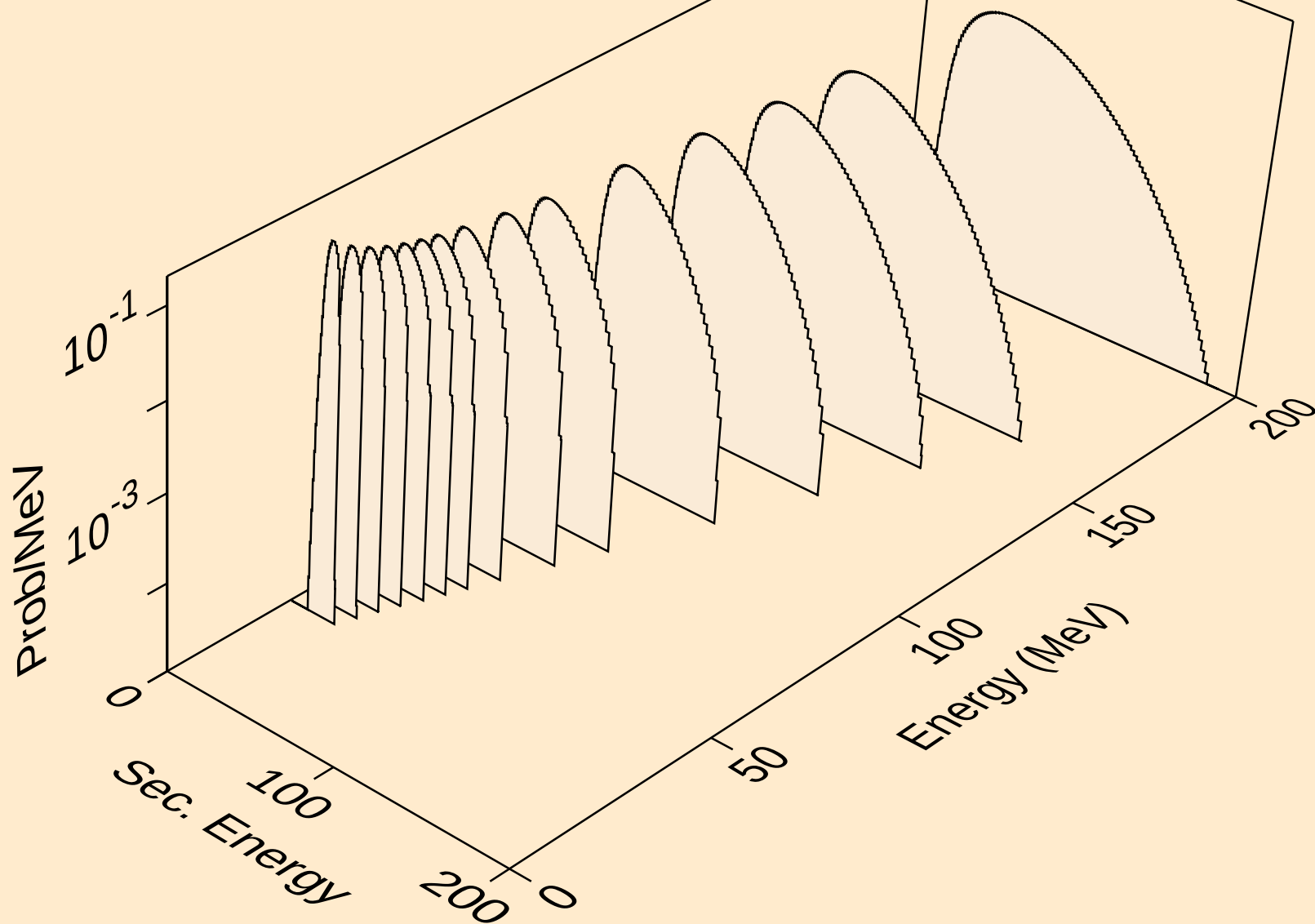
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tritons from (n,t)



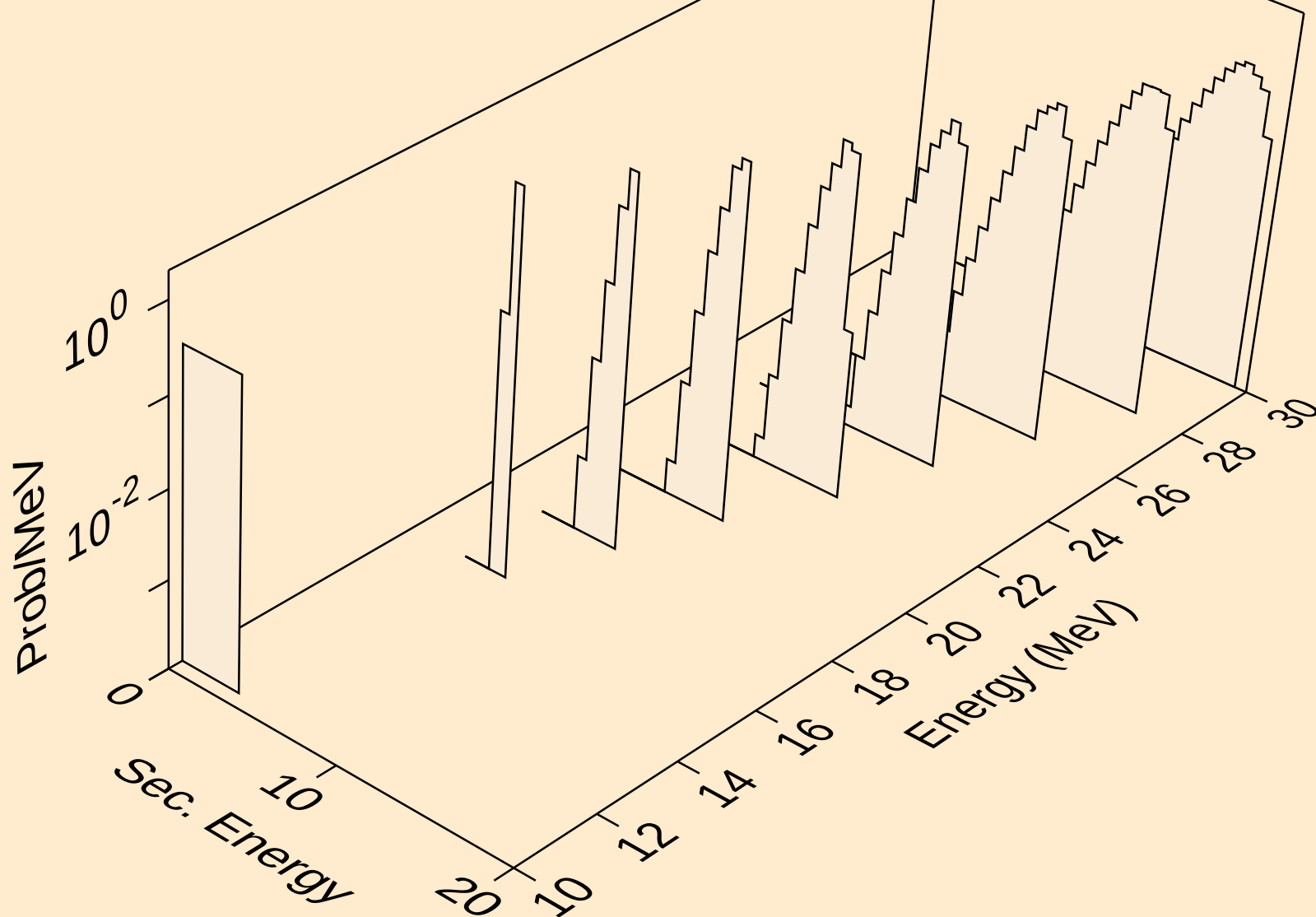
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tritons from (n,pt)



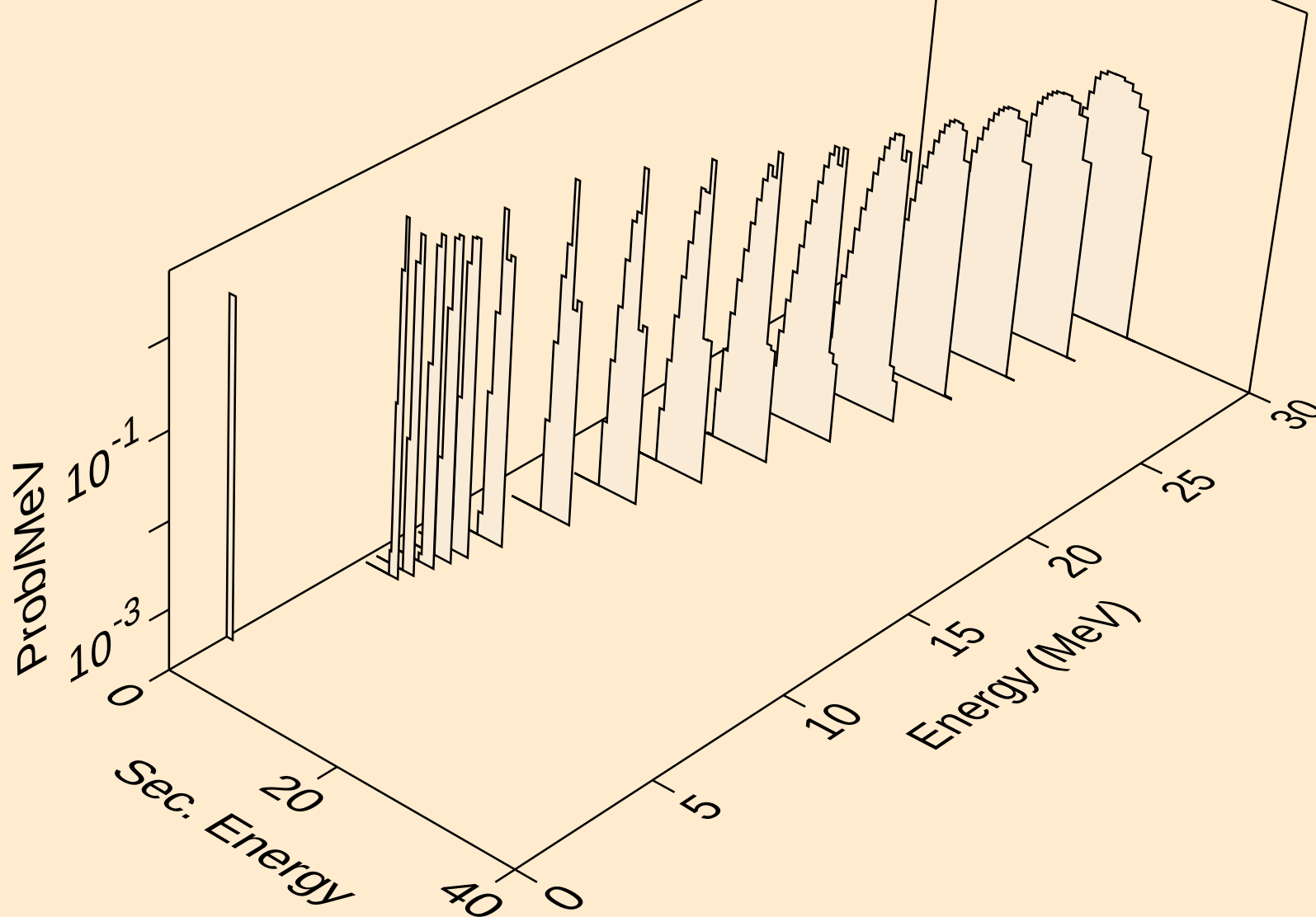
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



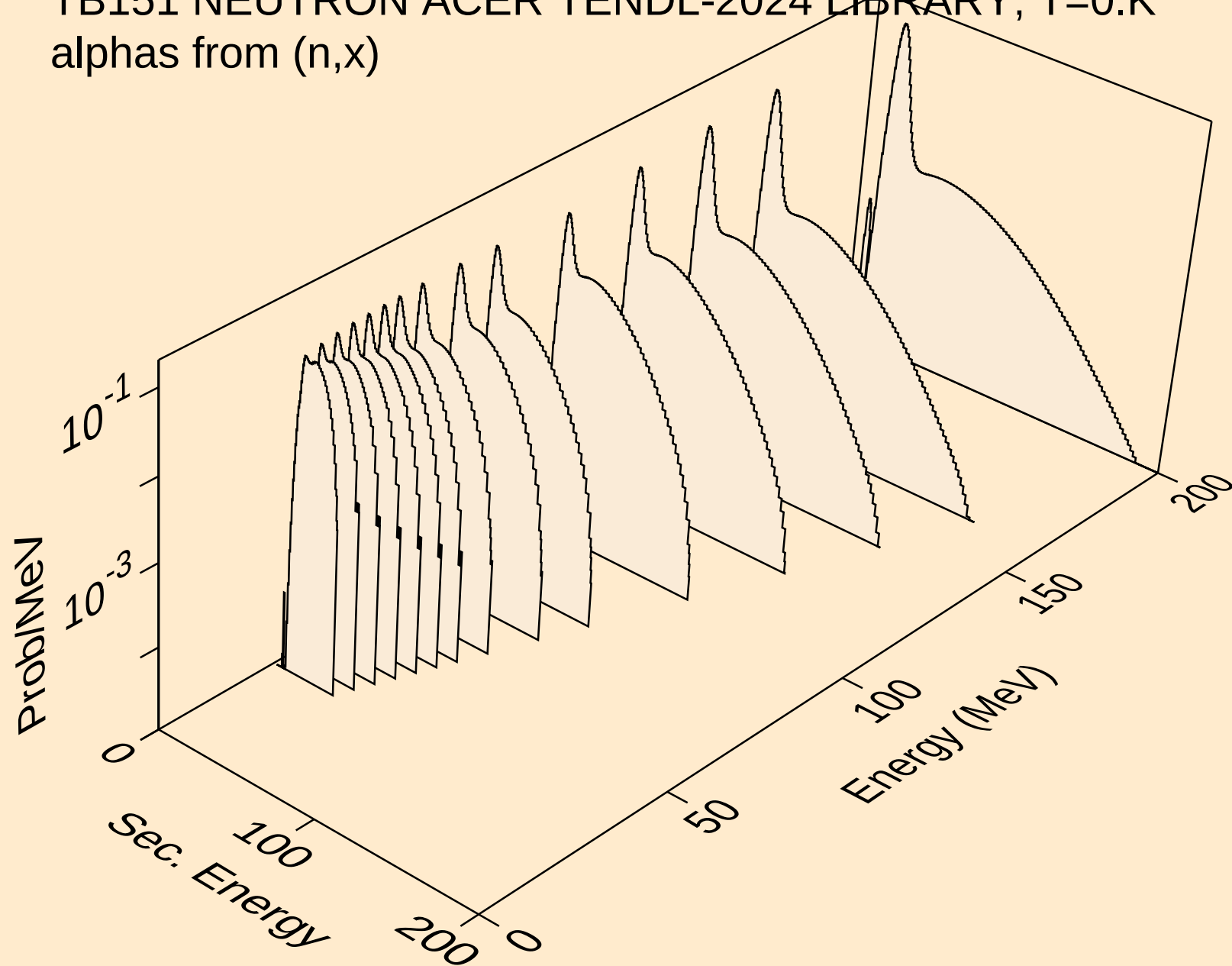
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



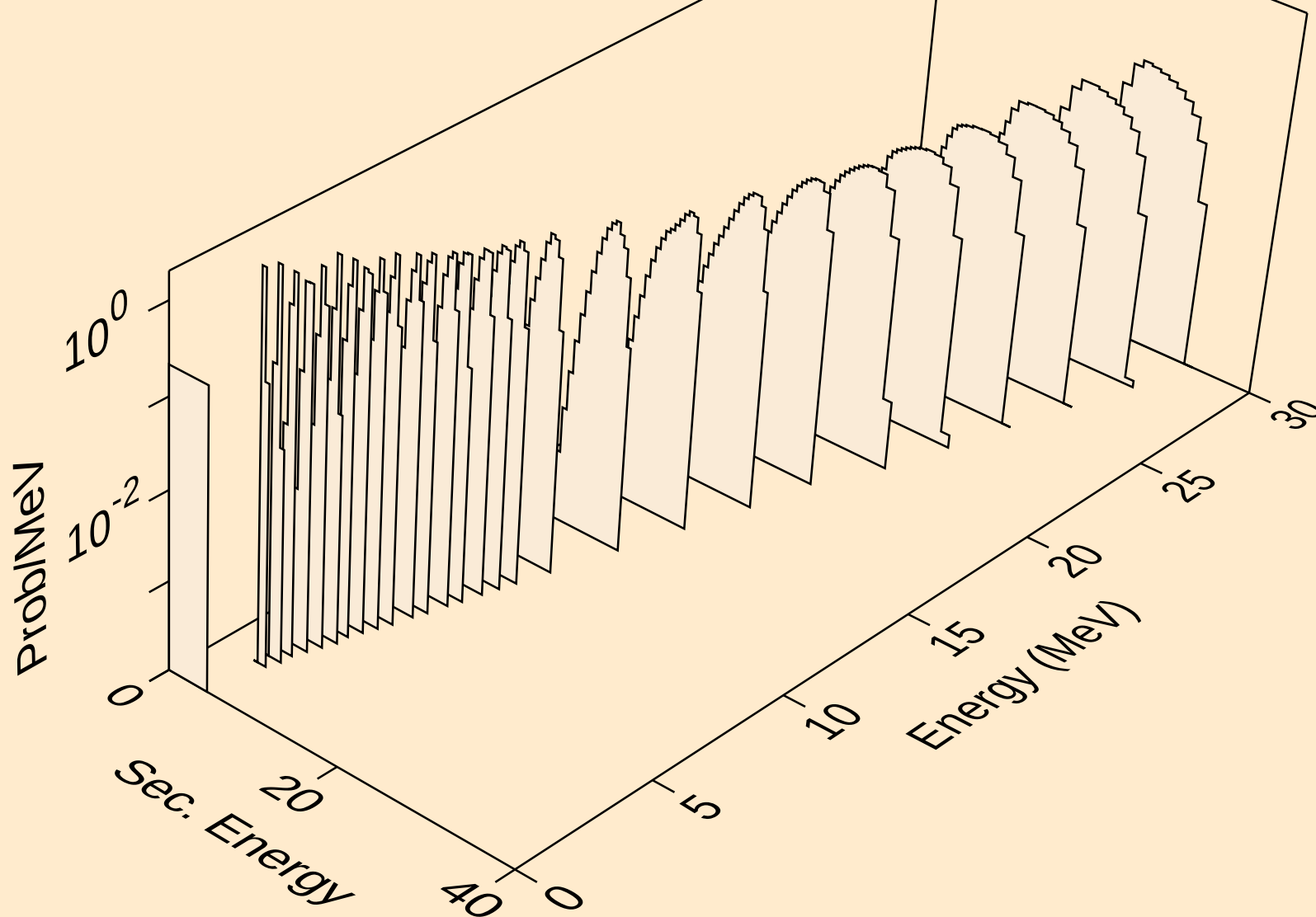
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



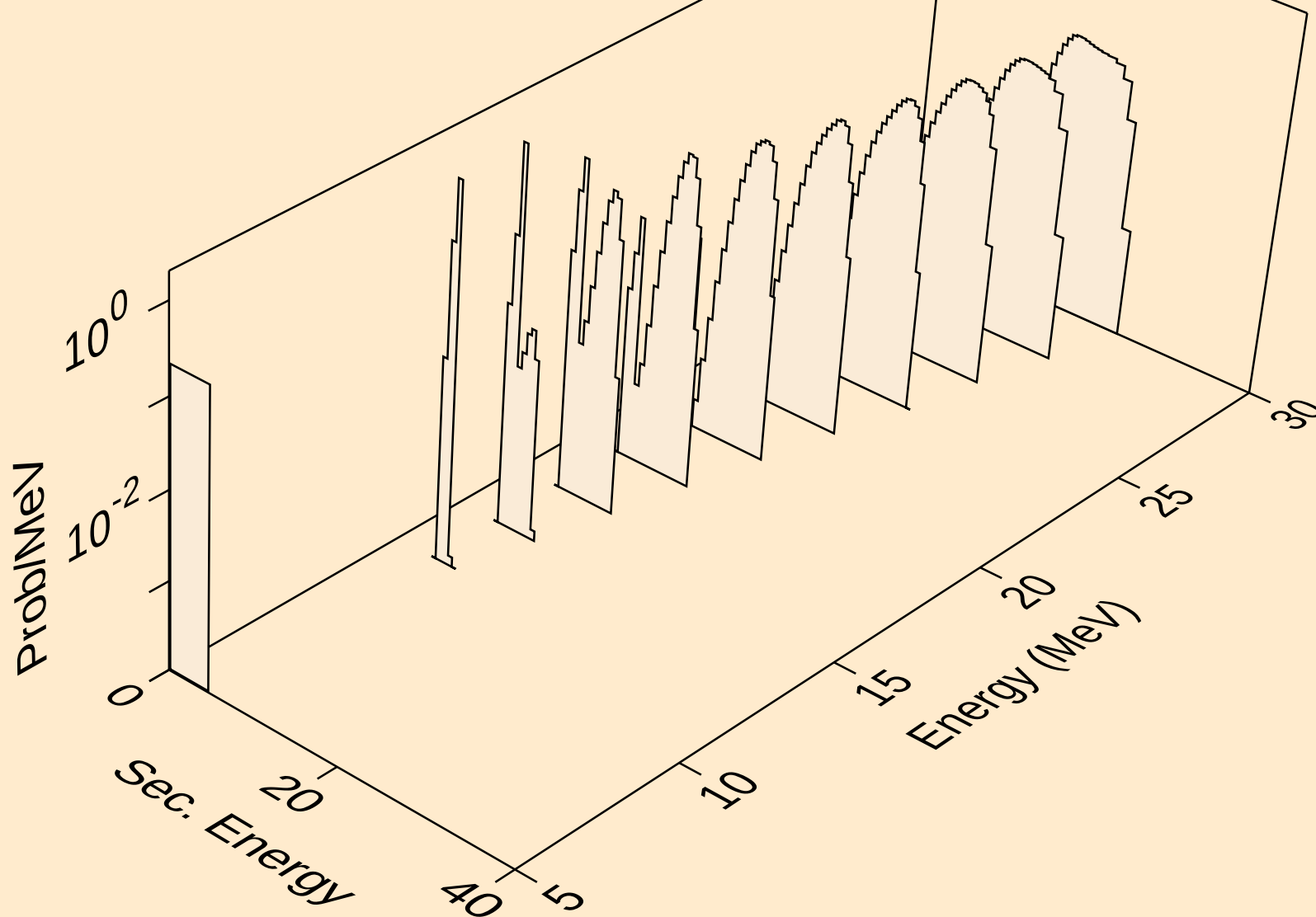
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alphas from (n,x)



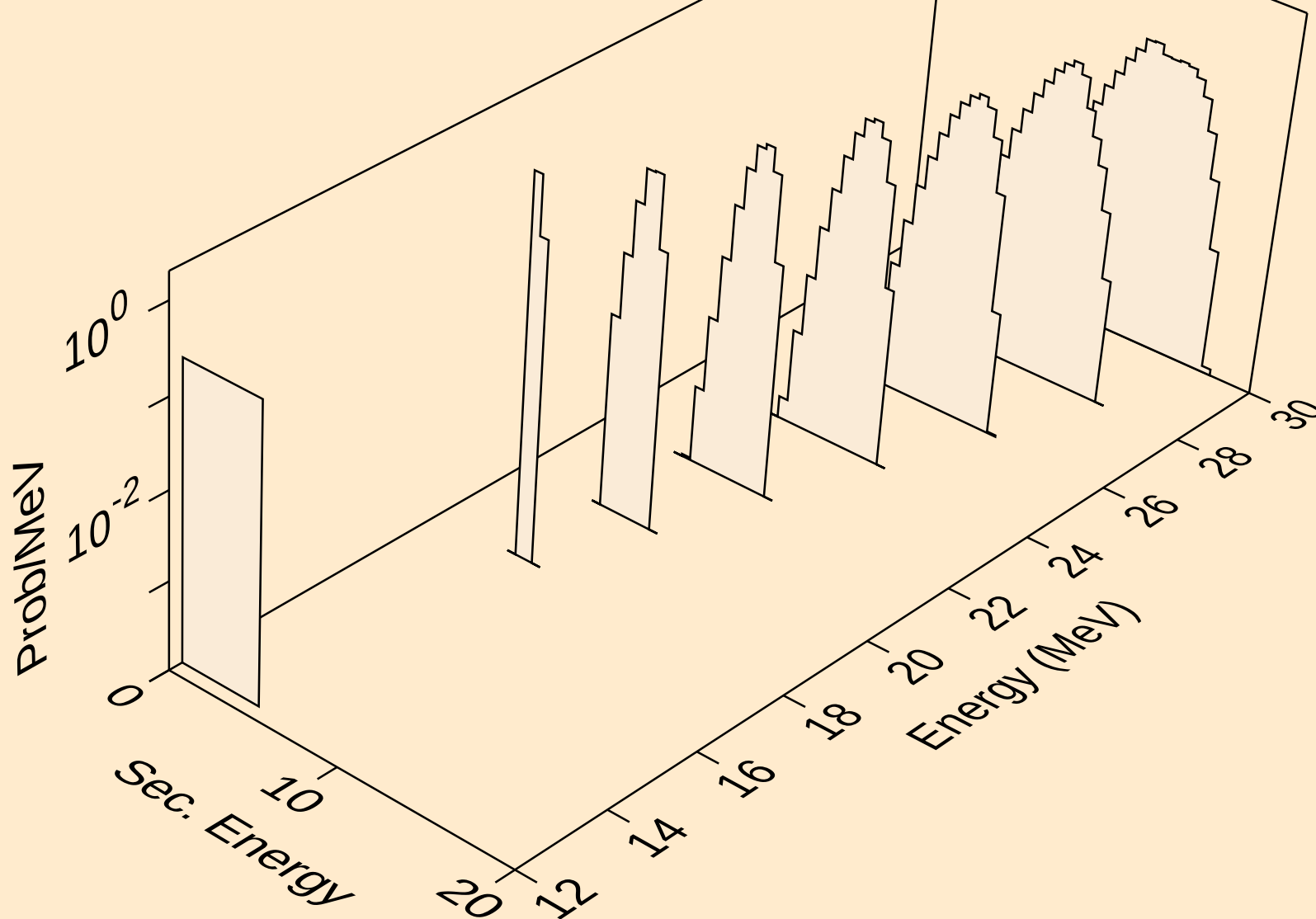
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



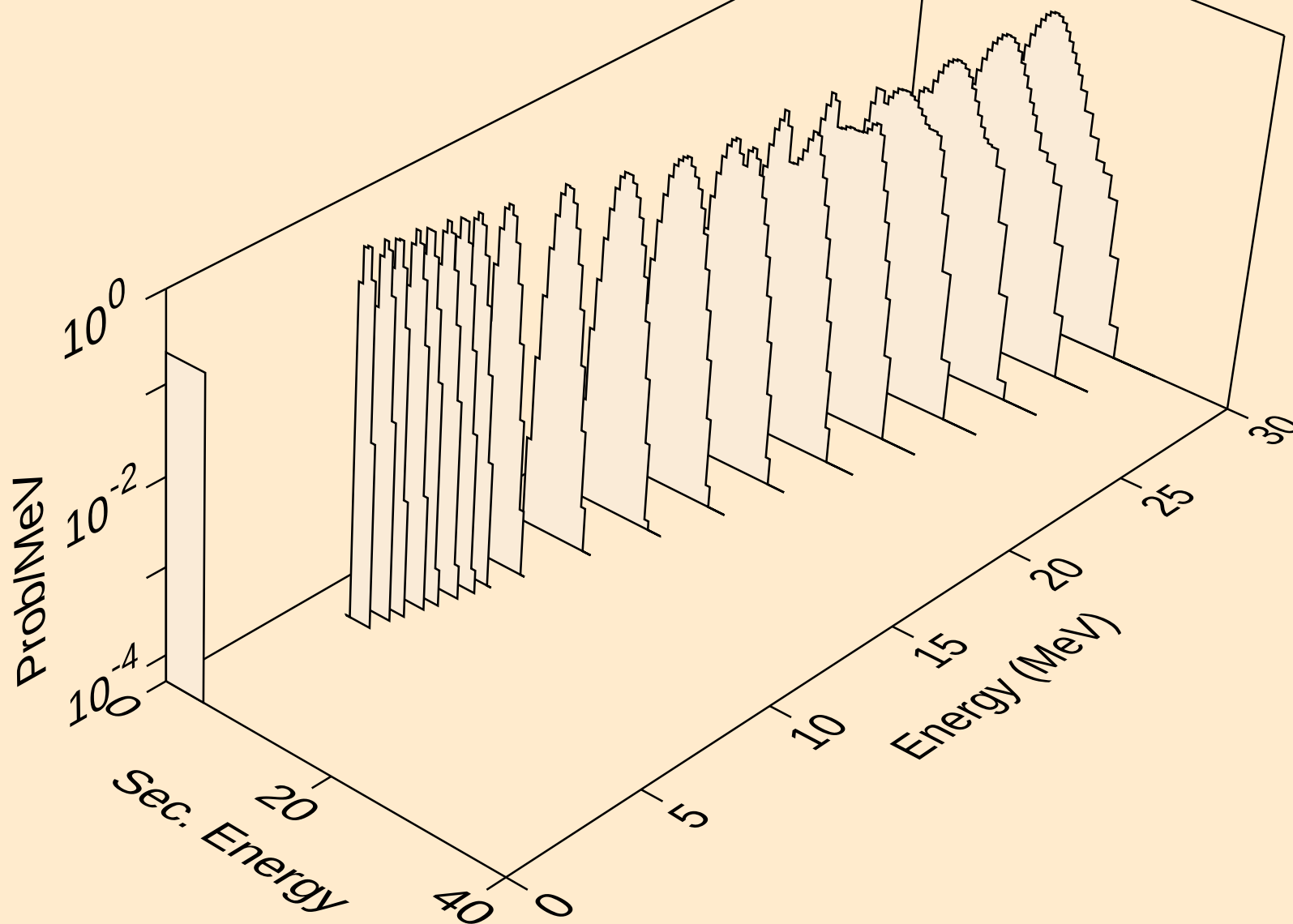
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



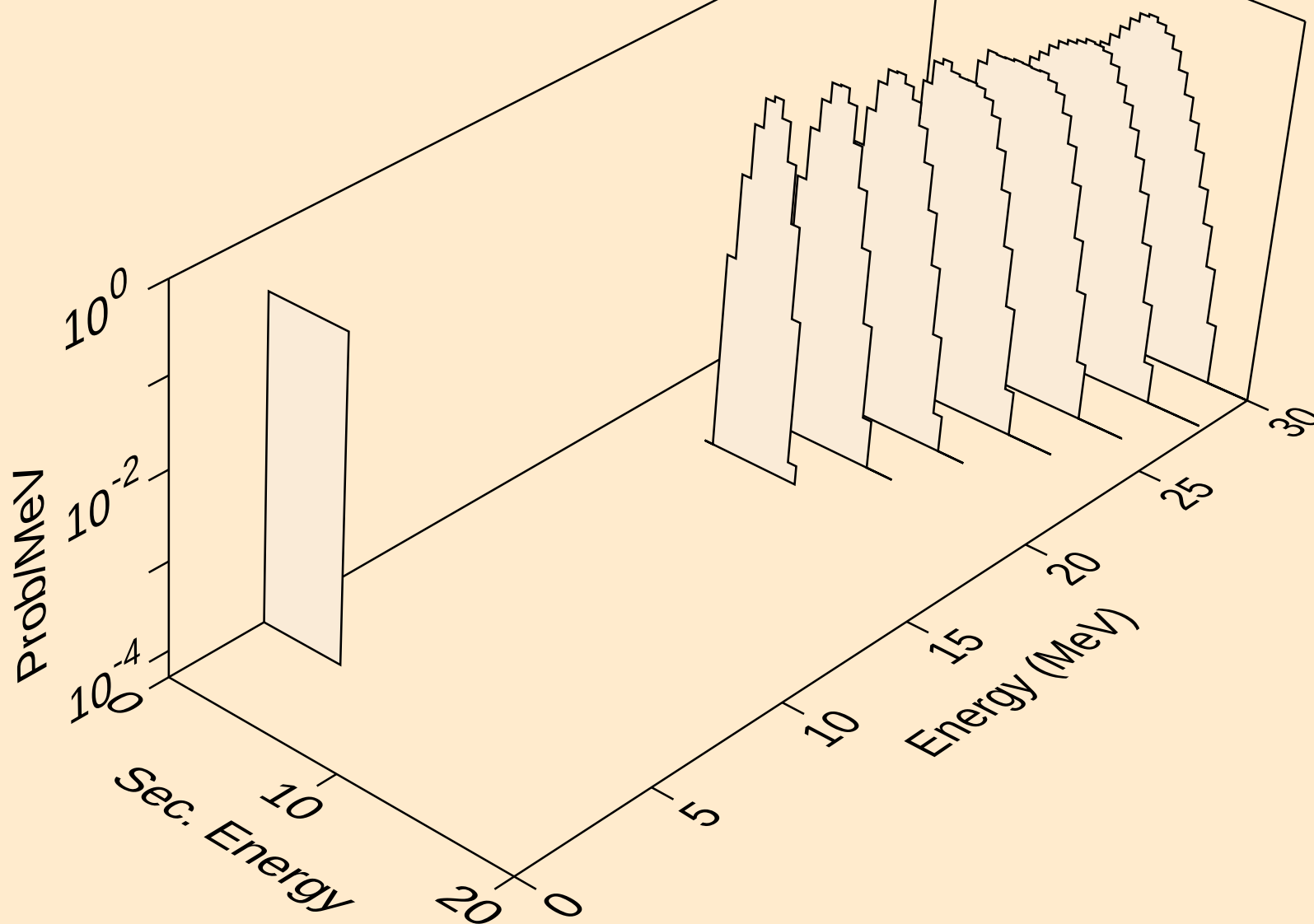
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alphas from (n,3n)a



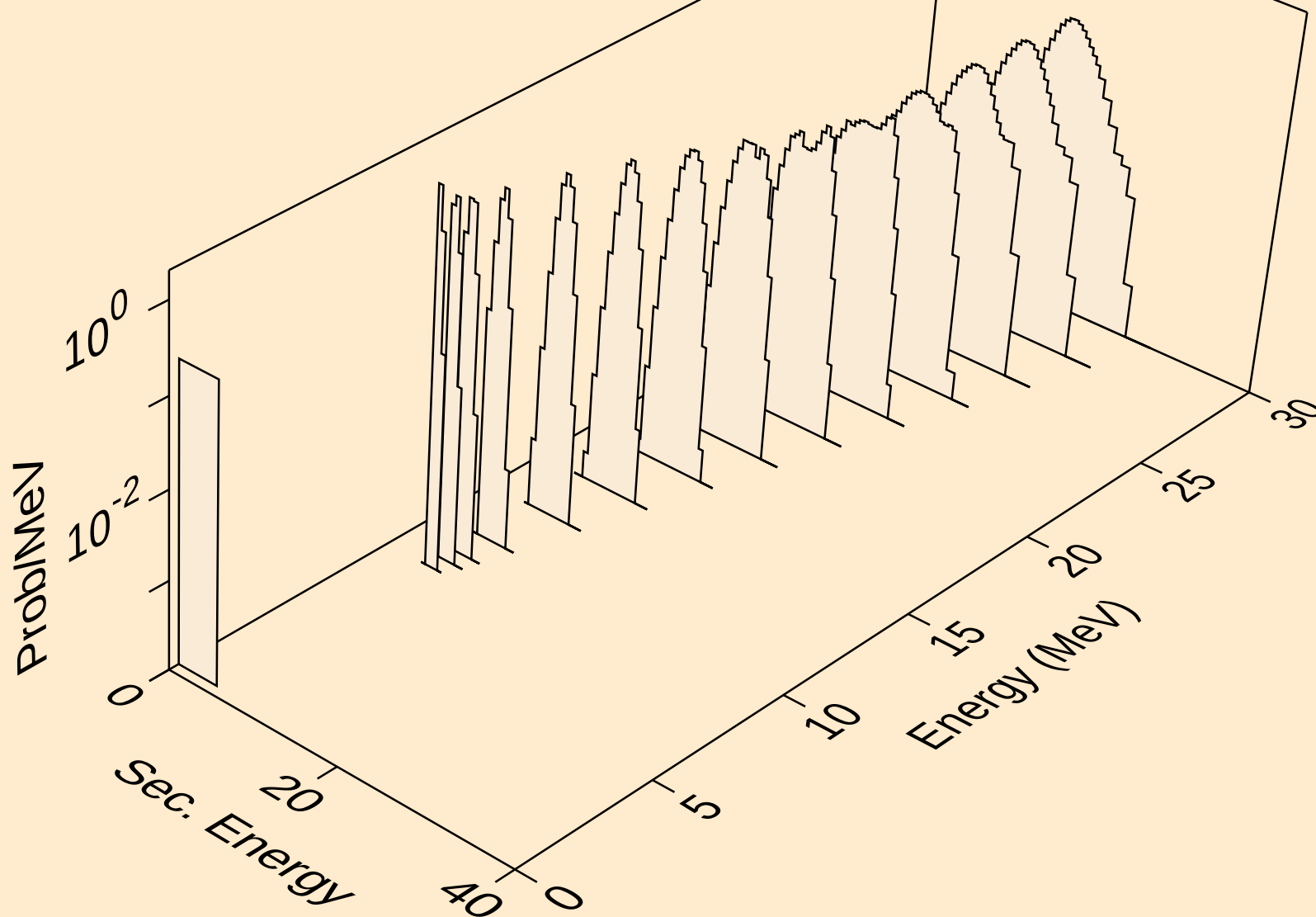
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



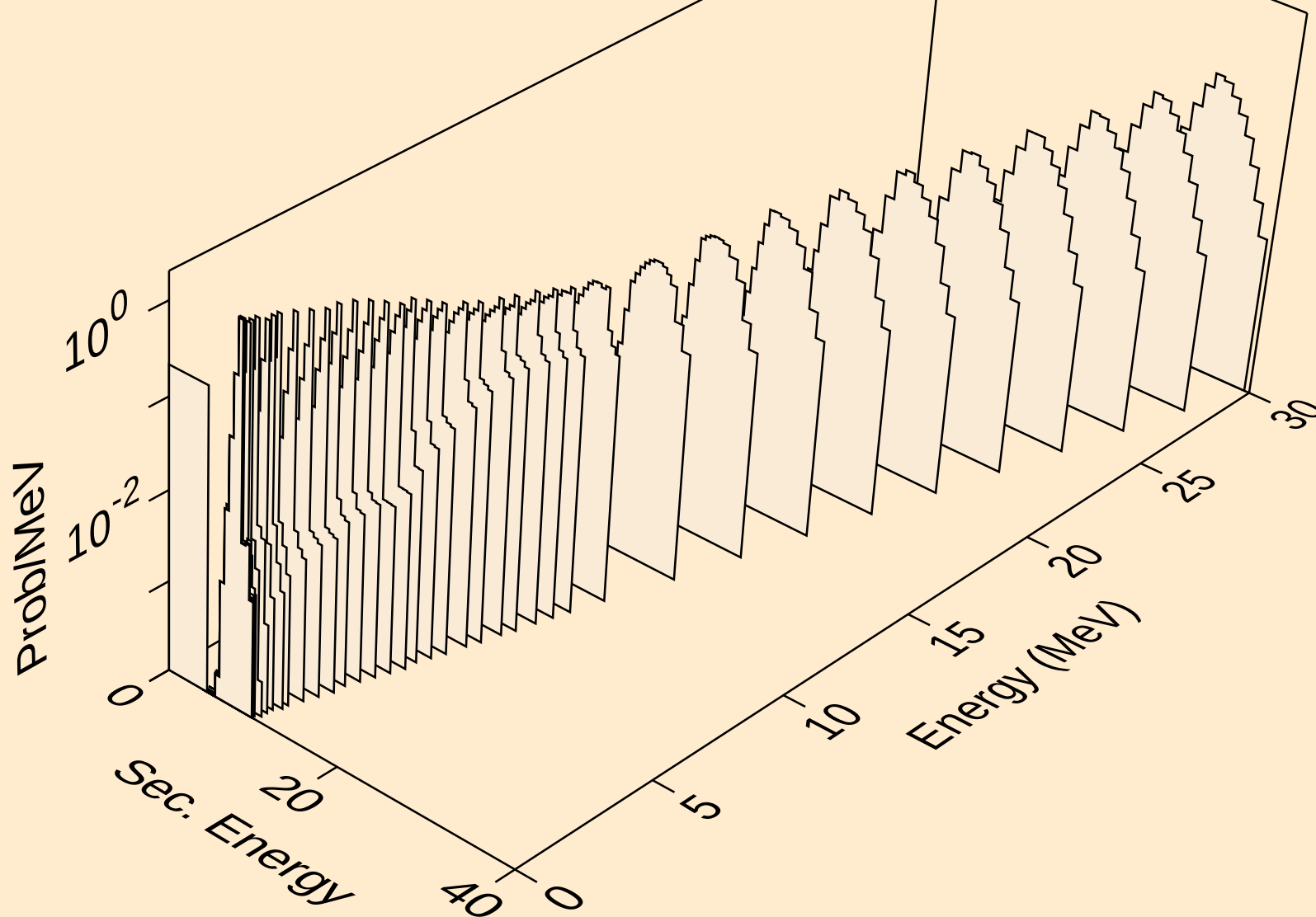
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)2a



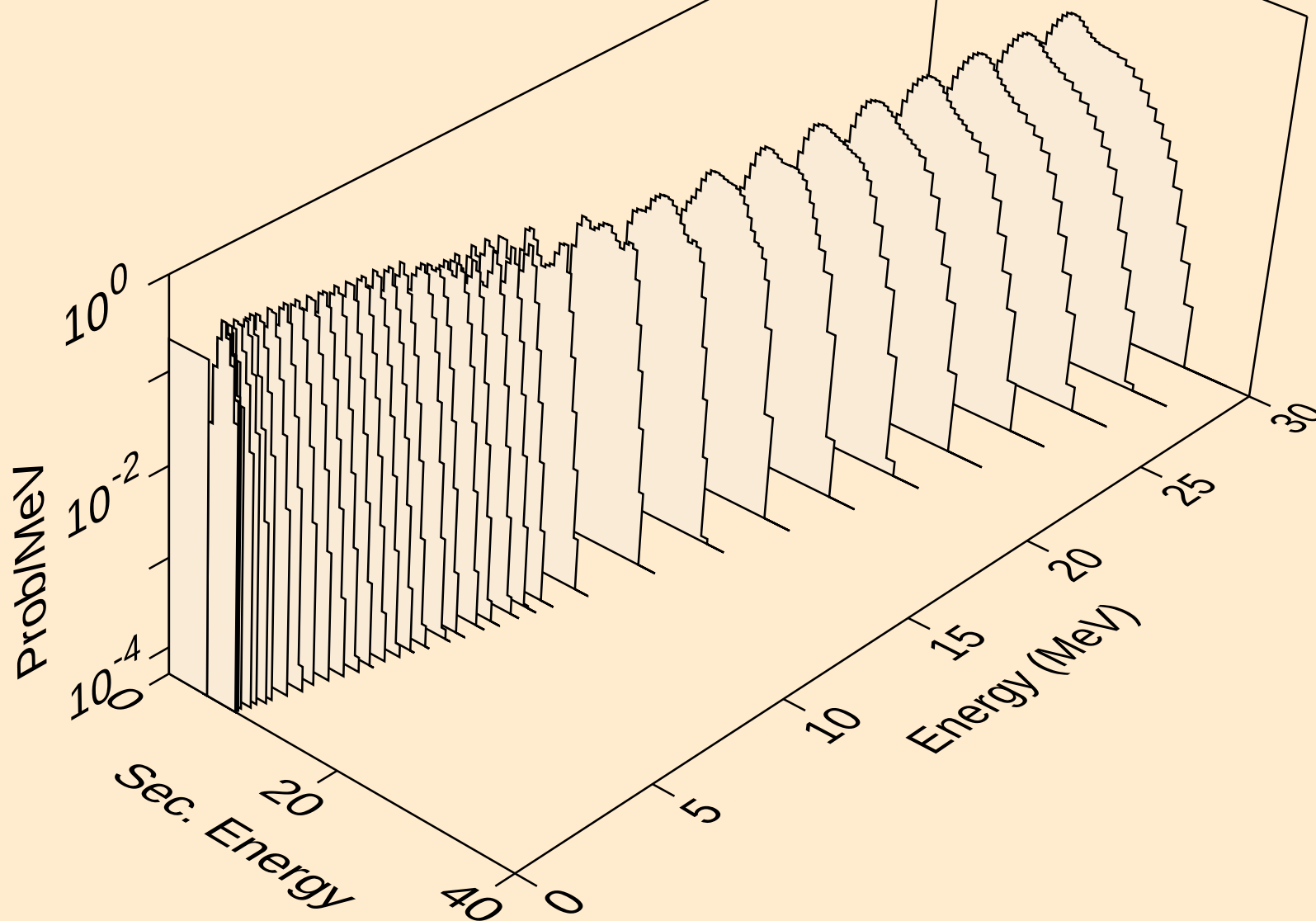
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



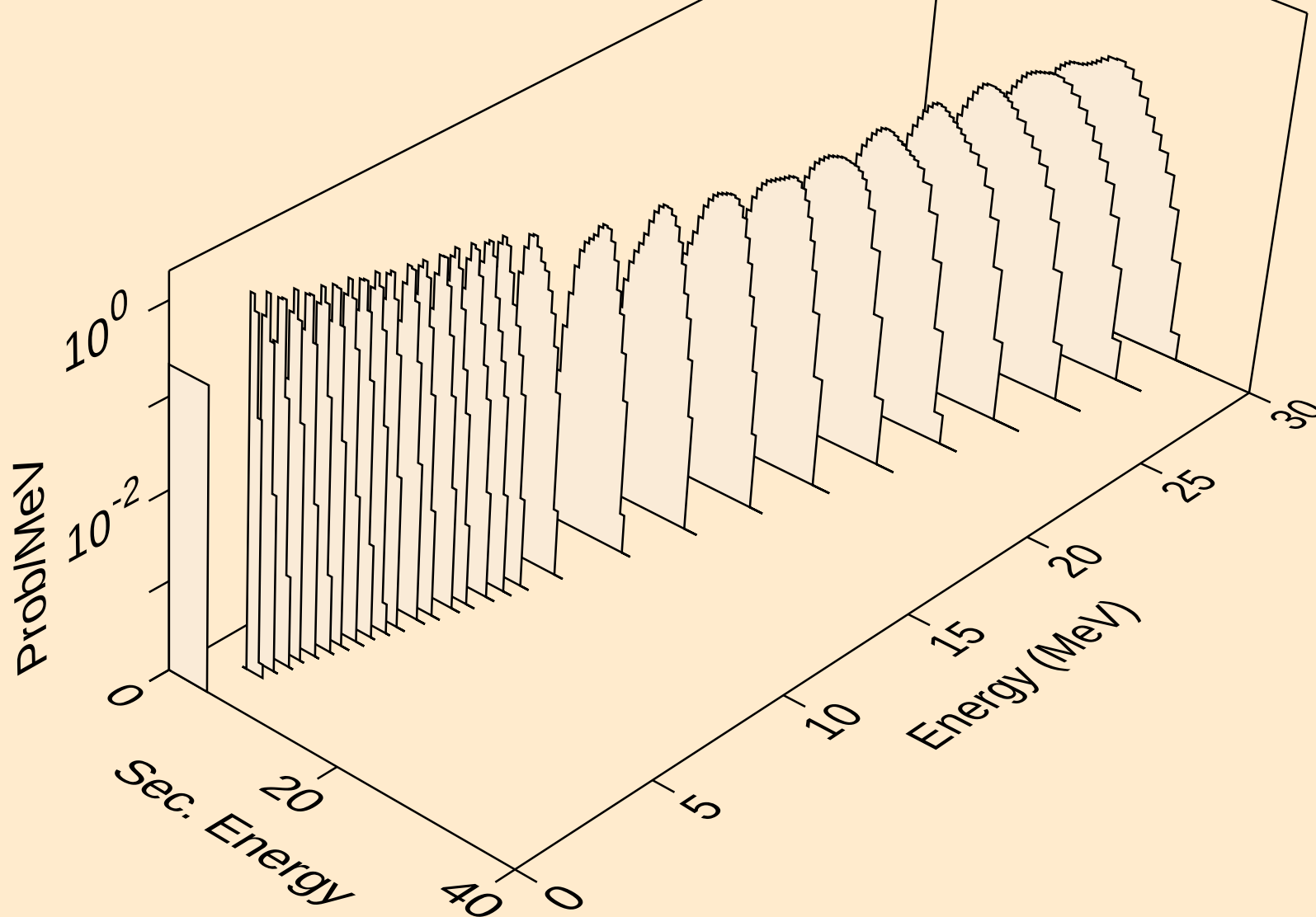
TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



TB151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

