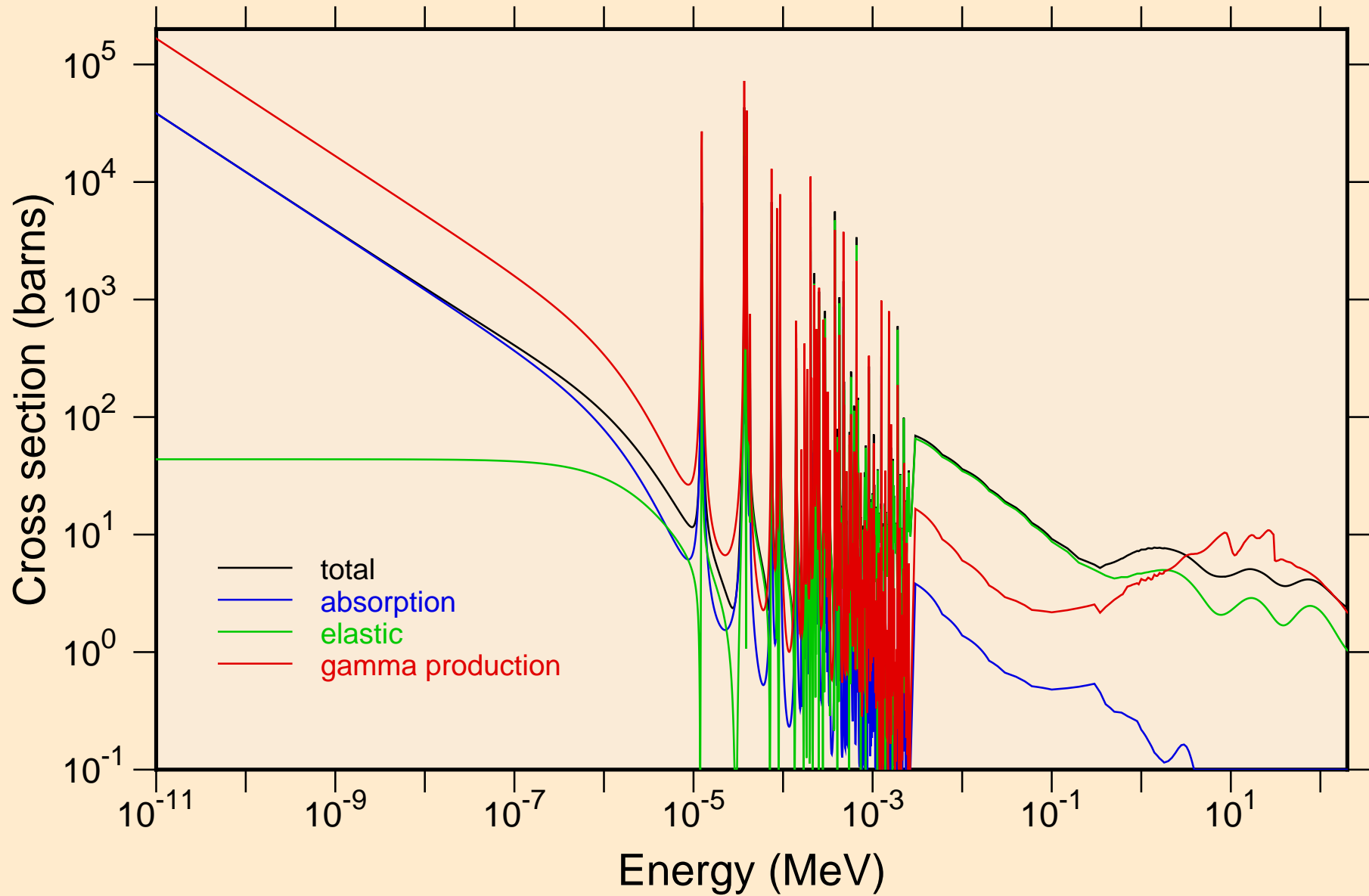
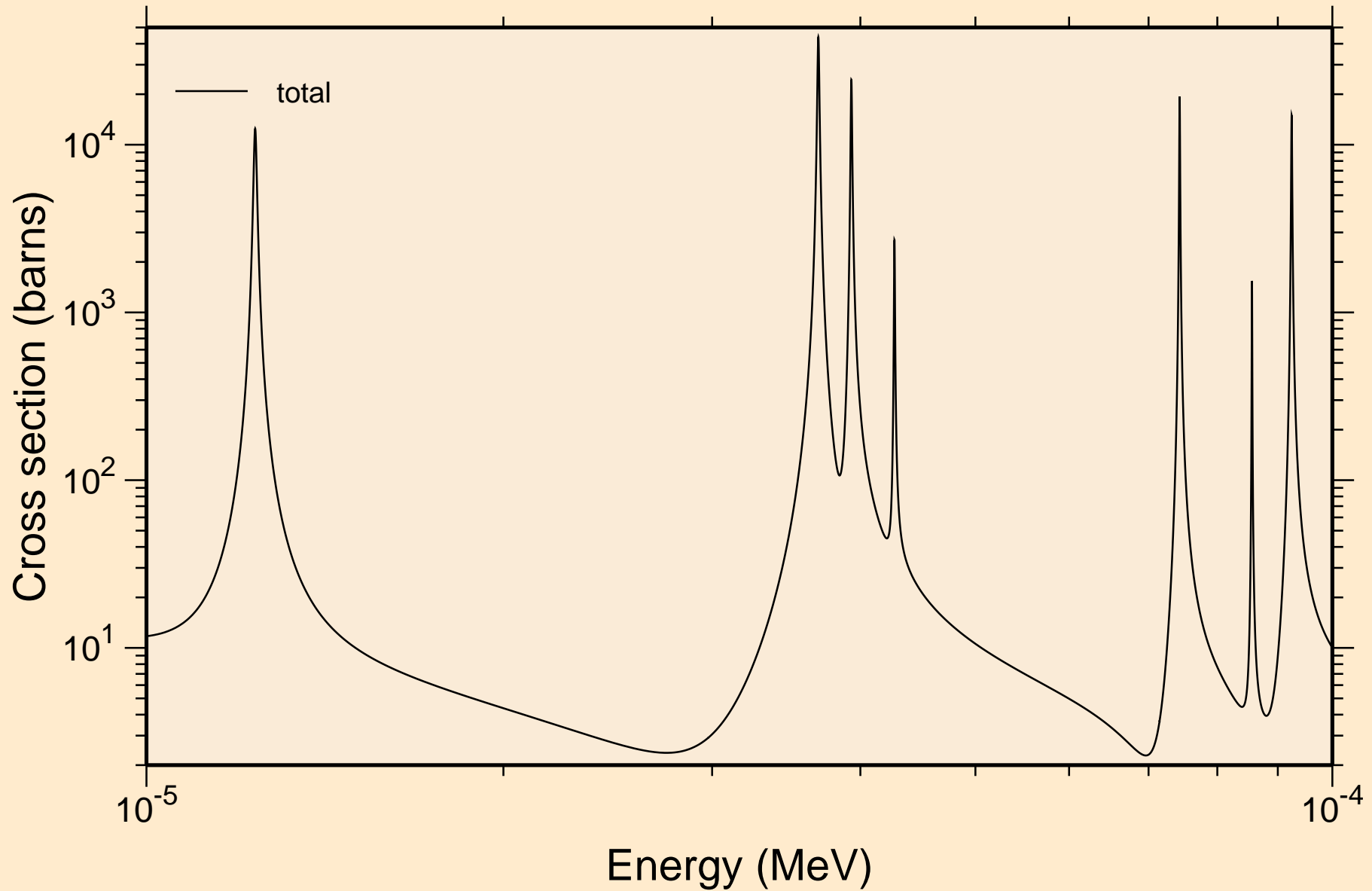


GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

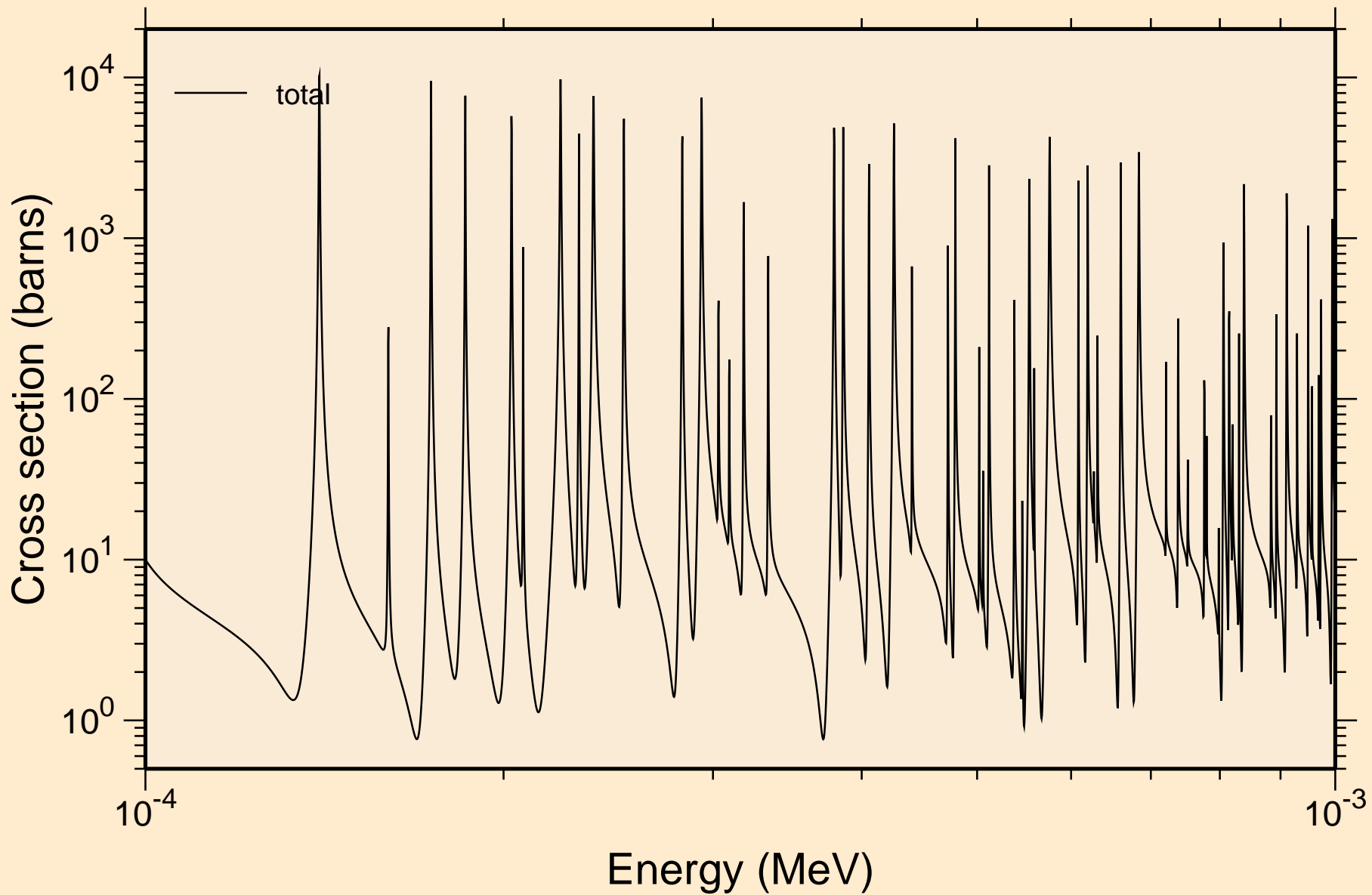
Principal cross sections



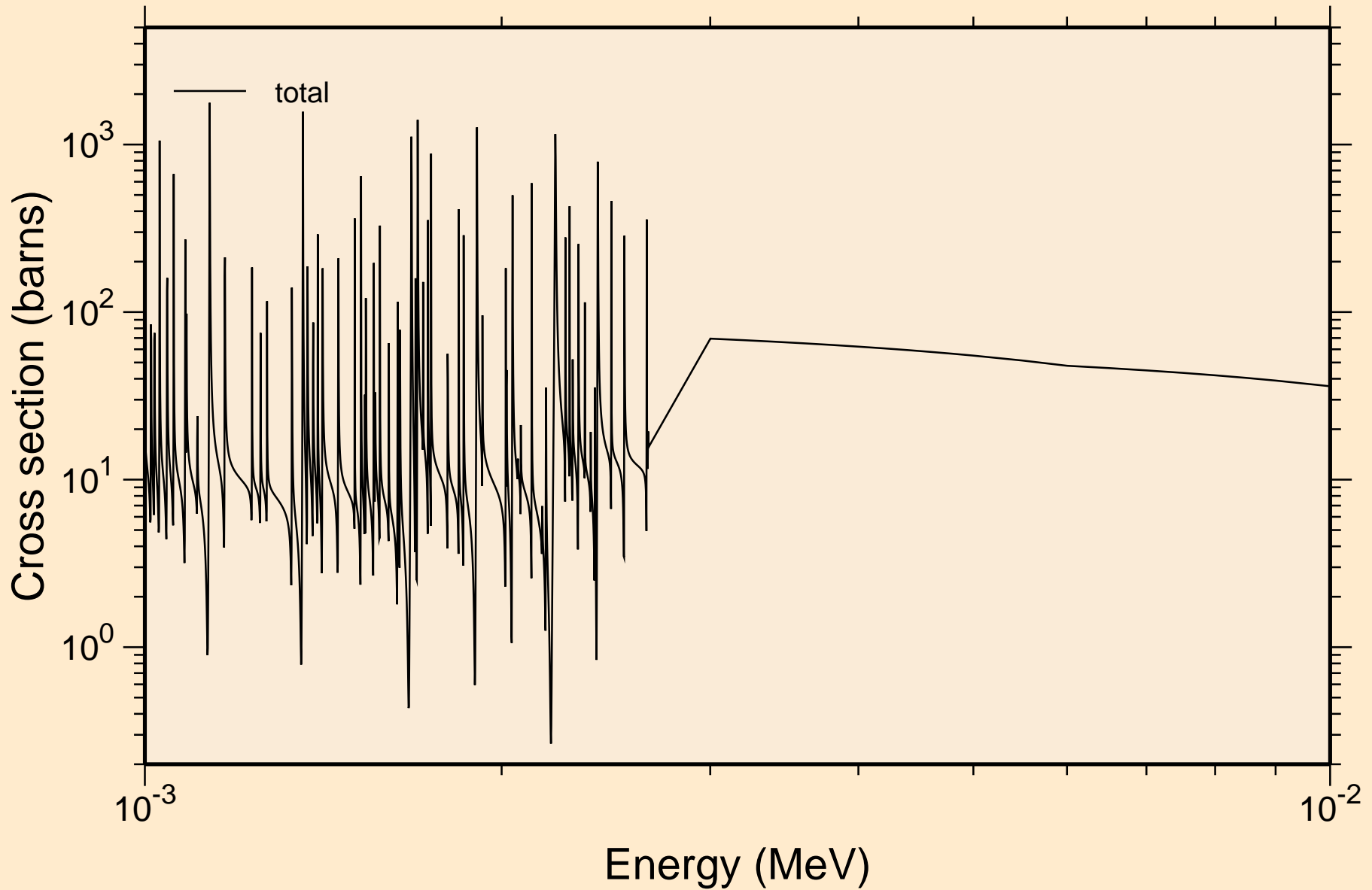
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resonance total cross section



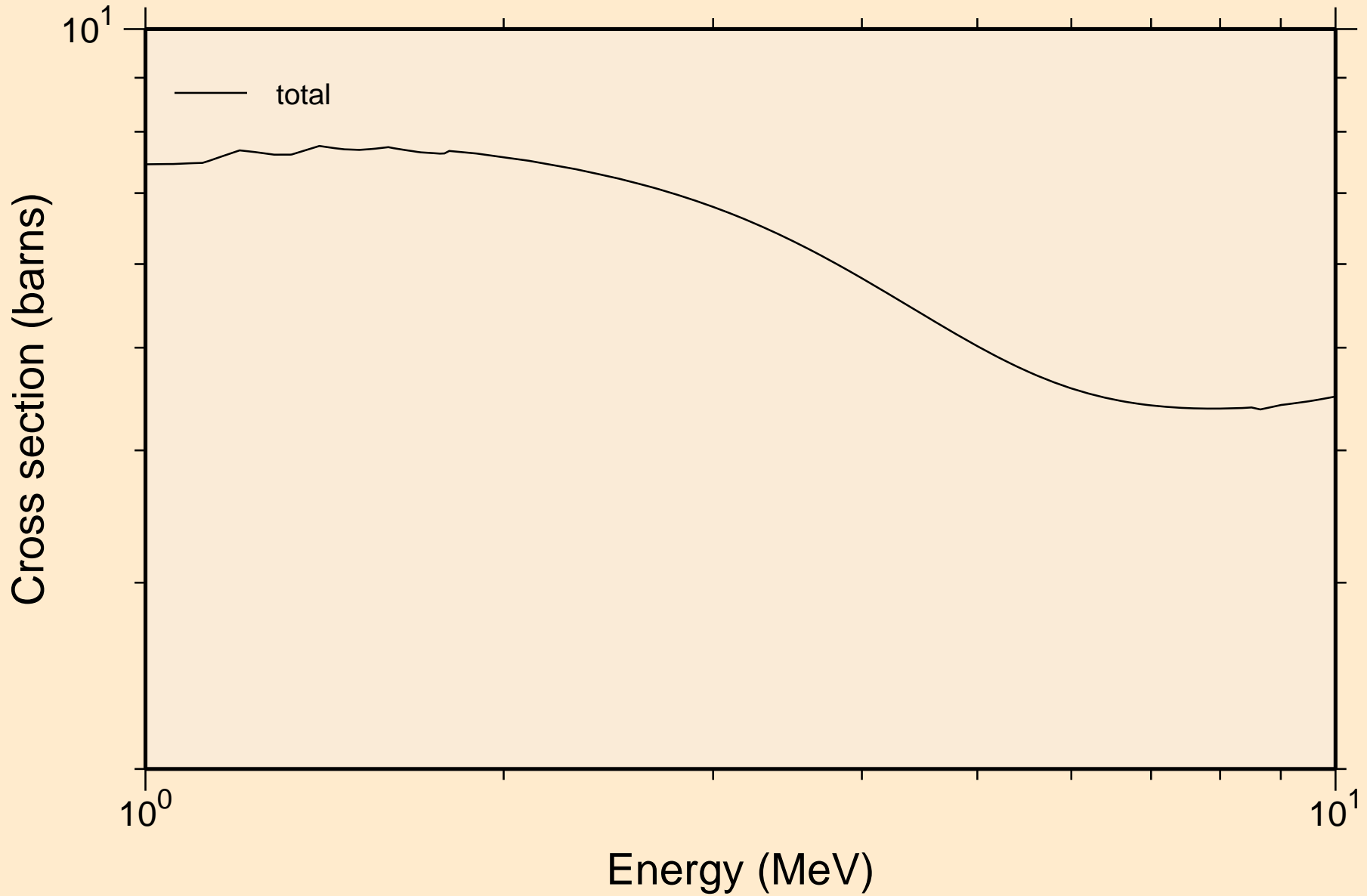
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



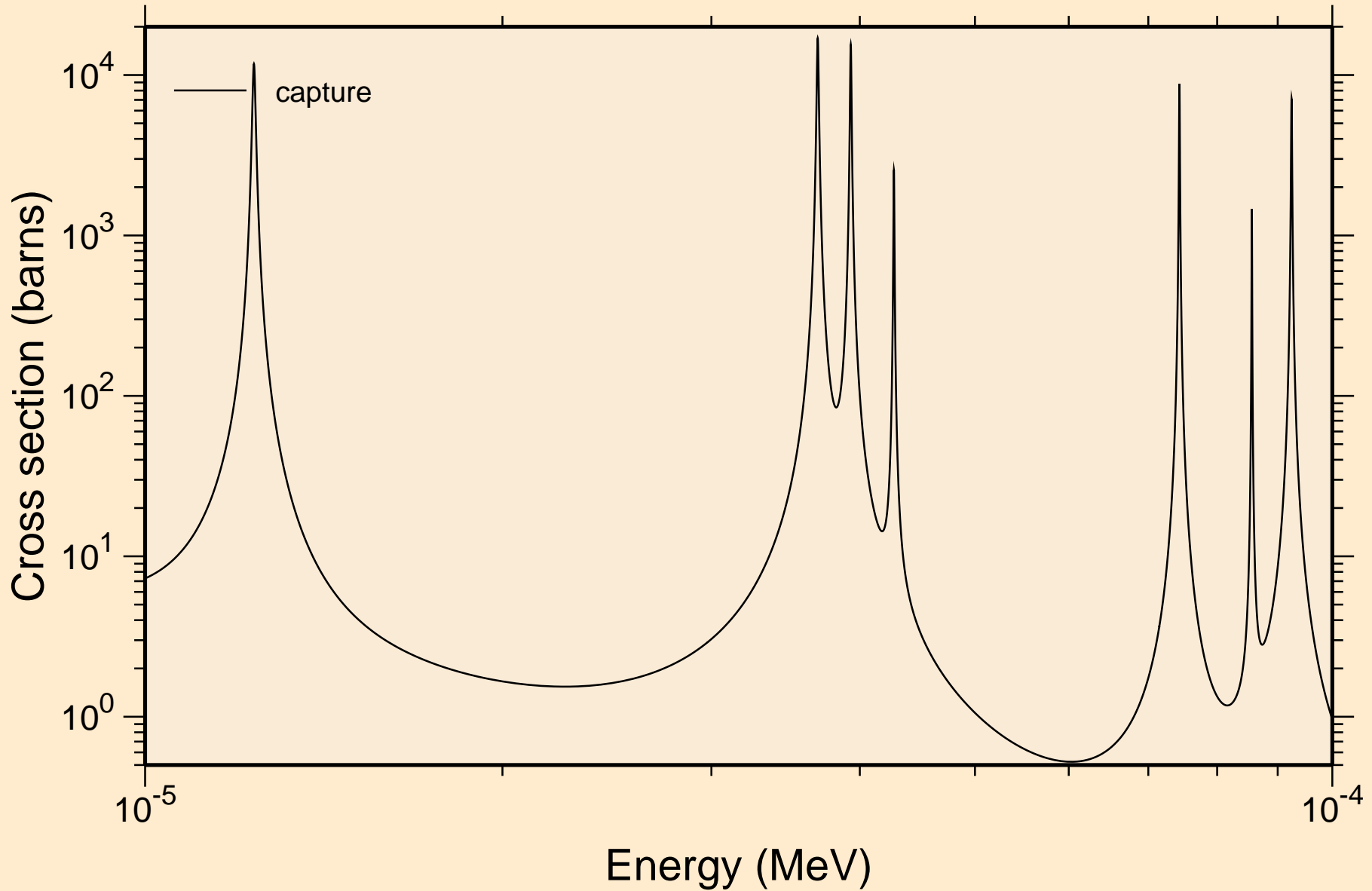
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resonance total cross section



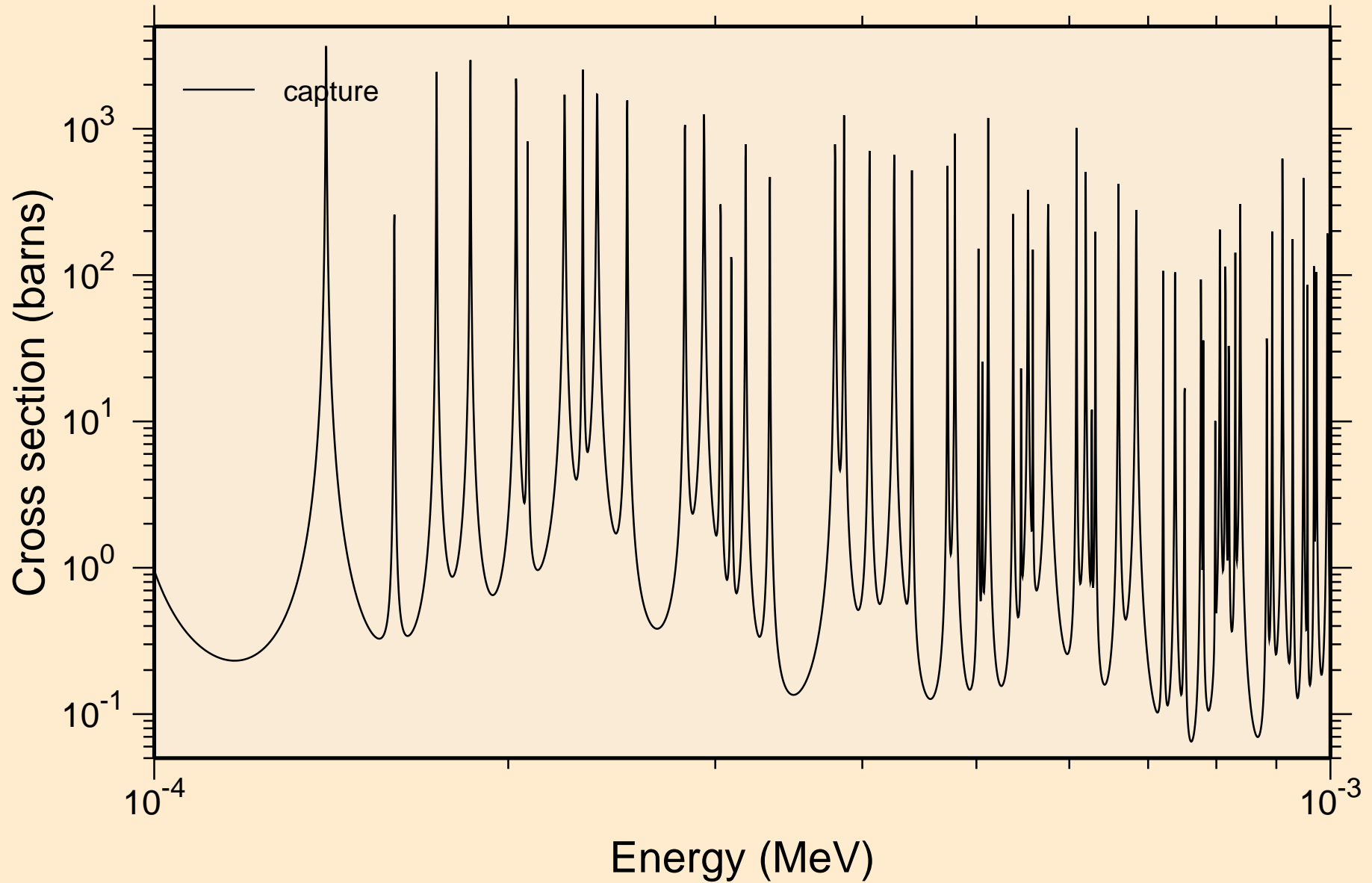
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



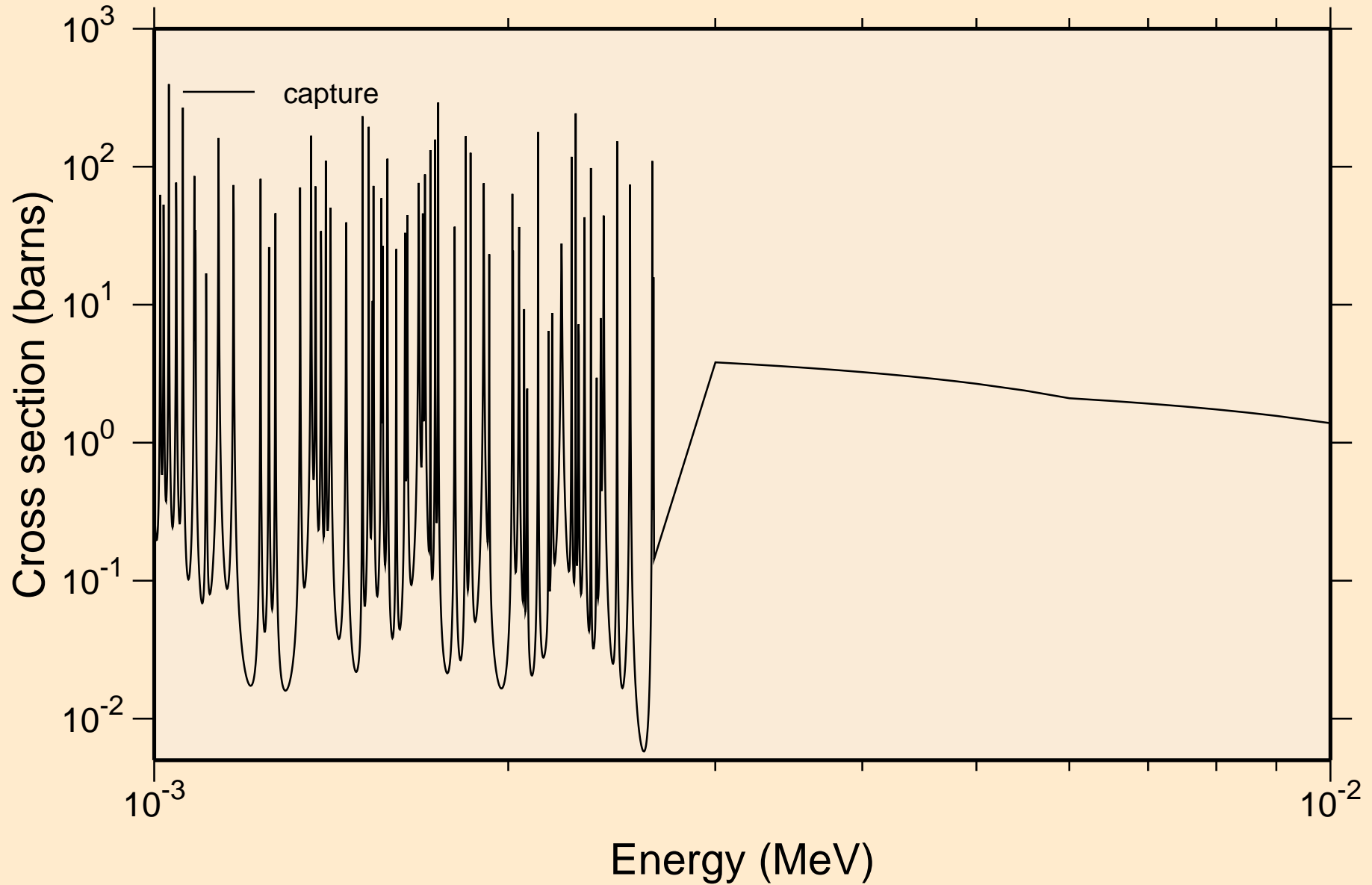
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



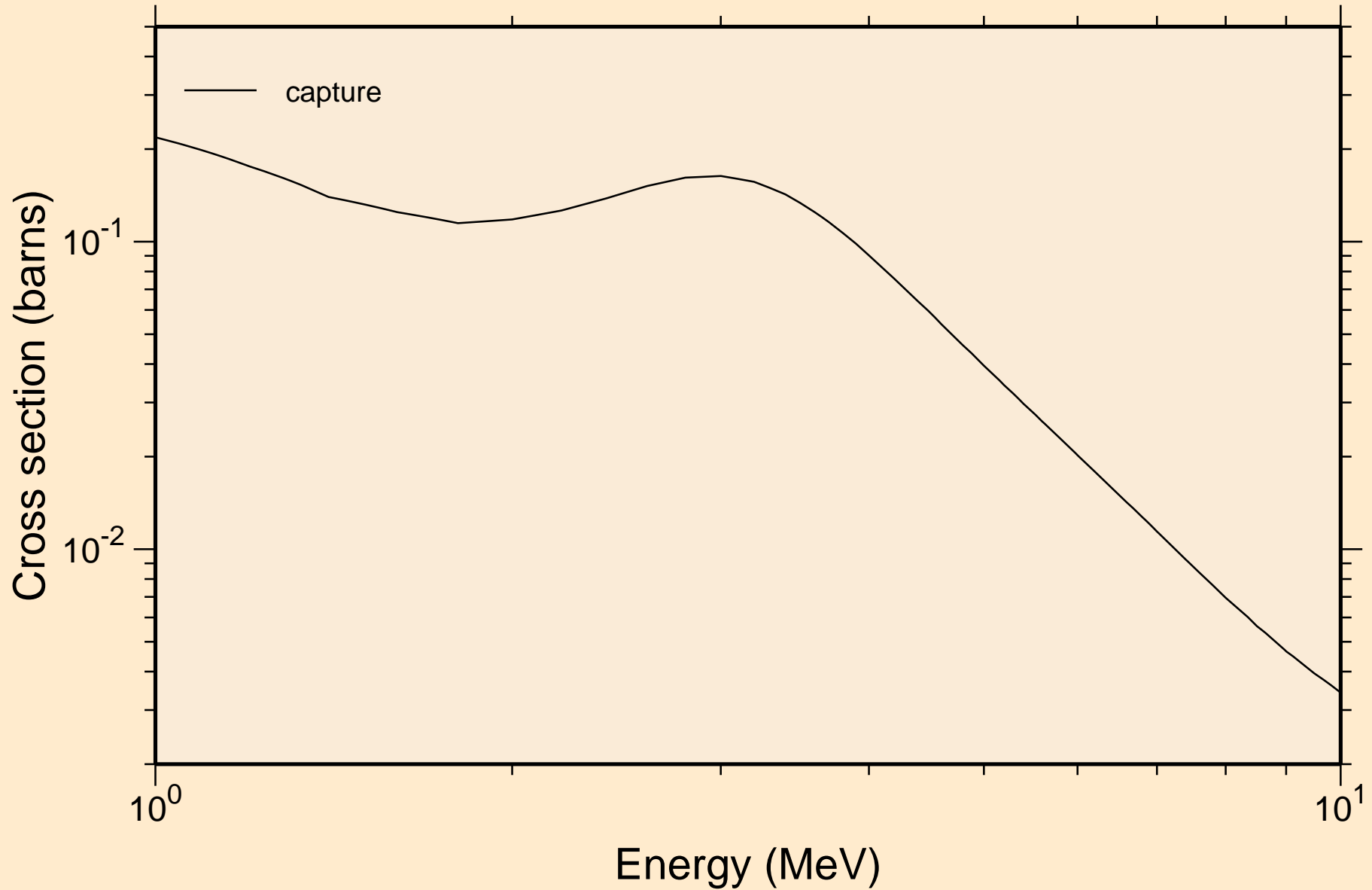
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

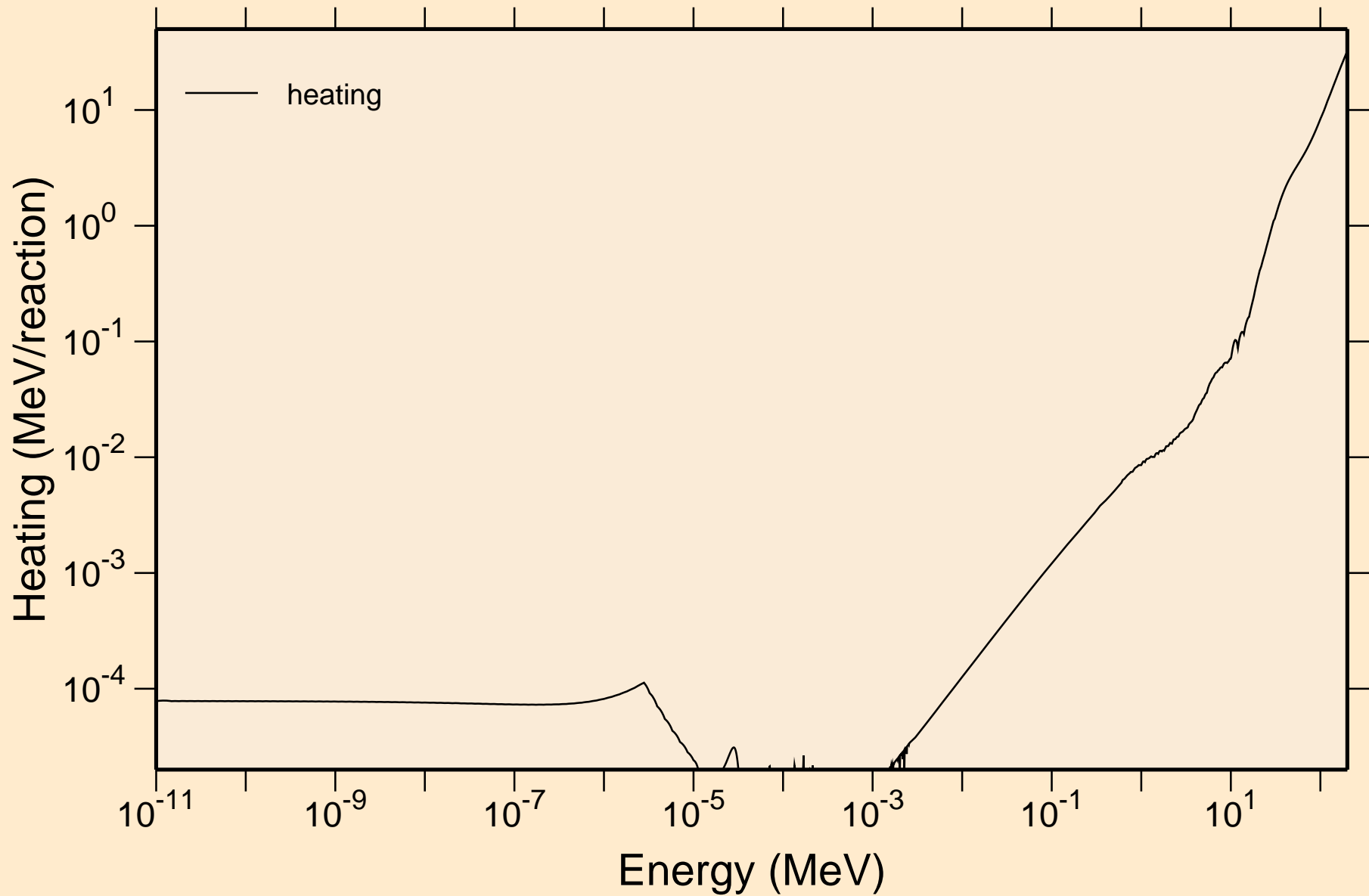


GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



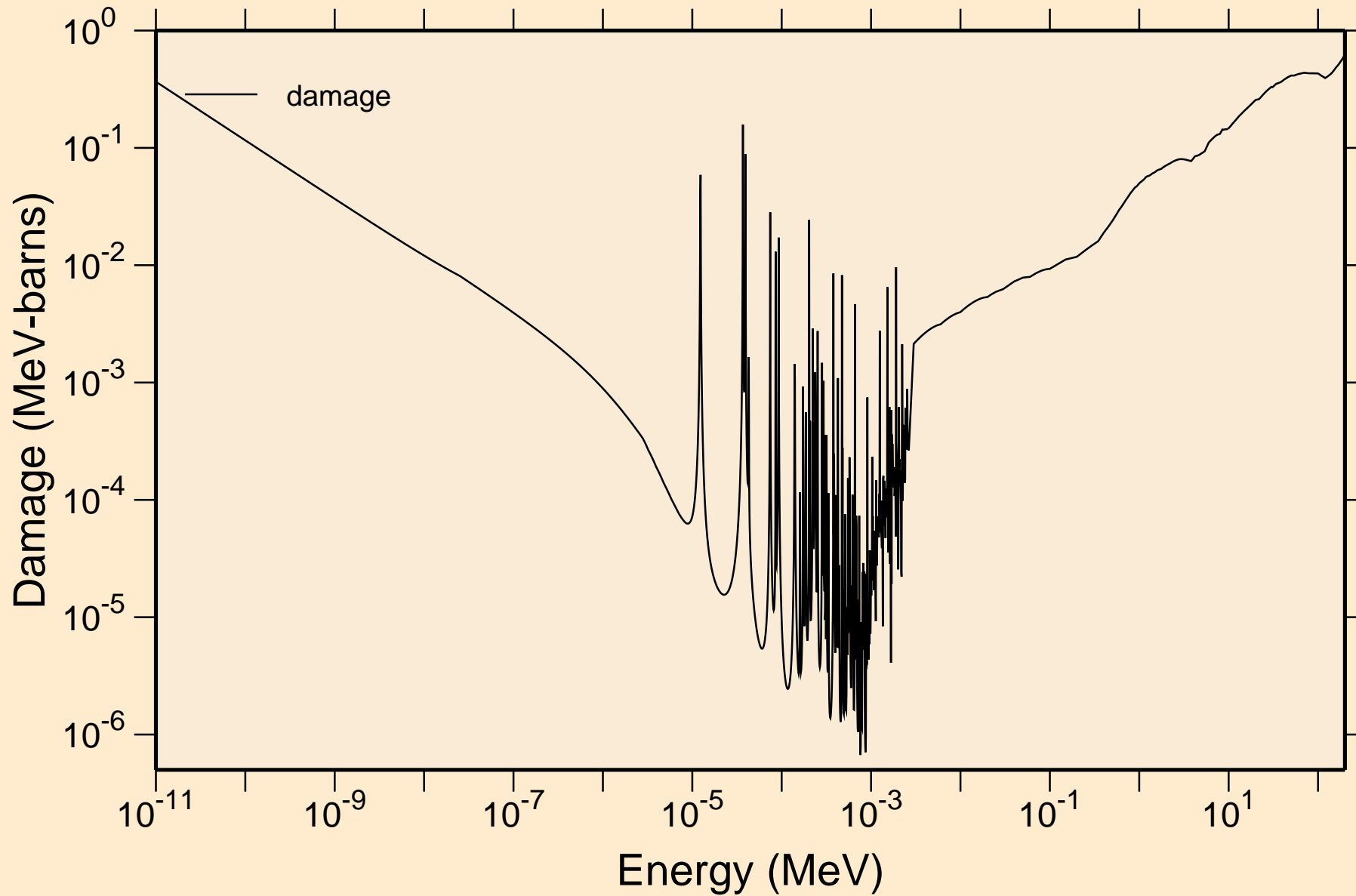
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



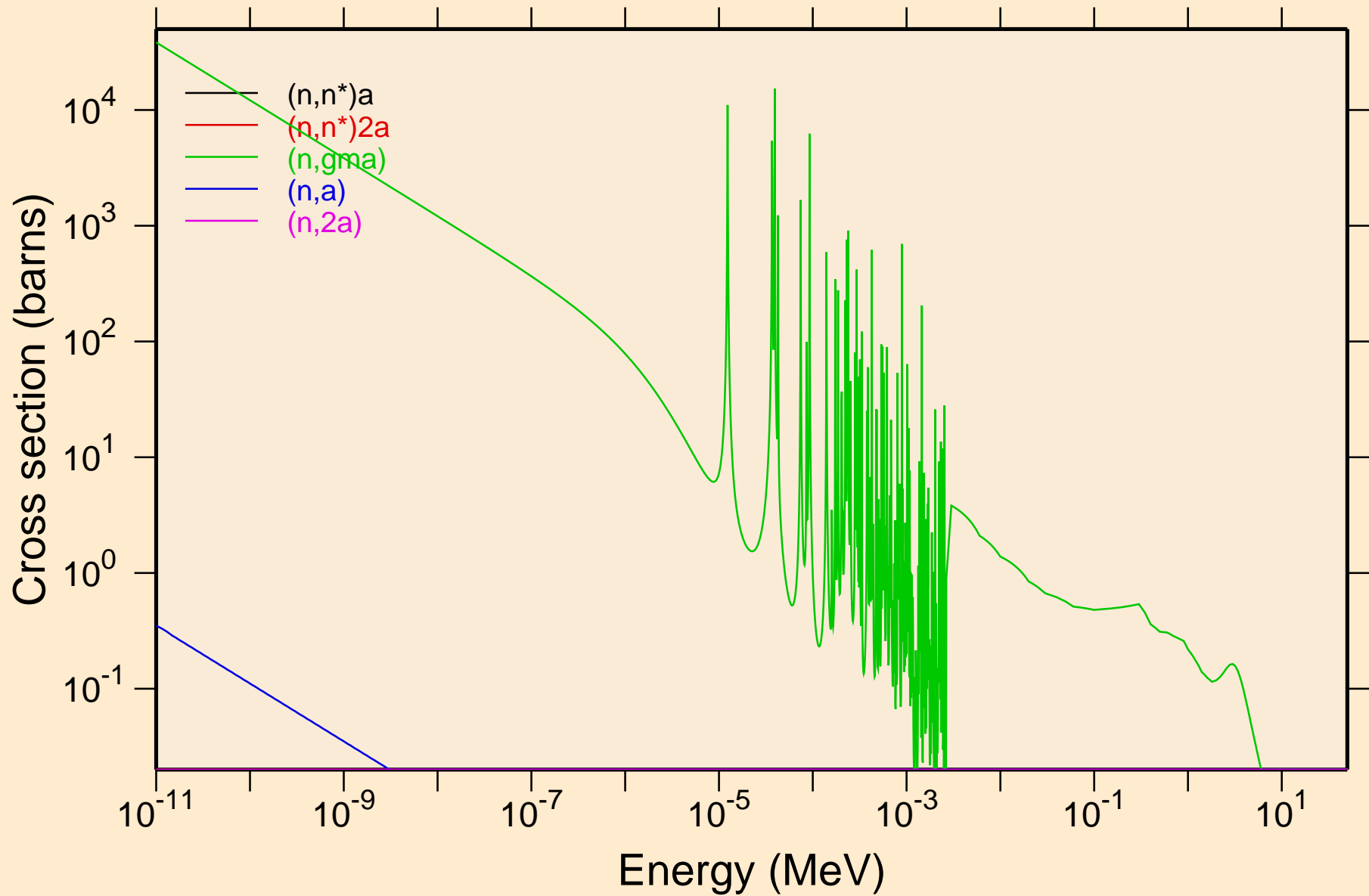
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

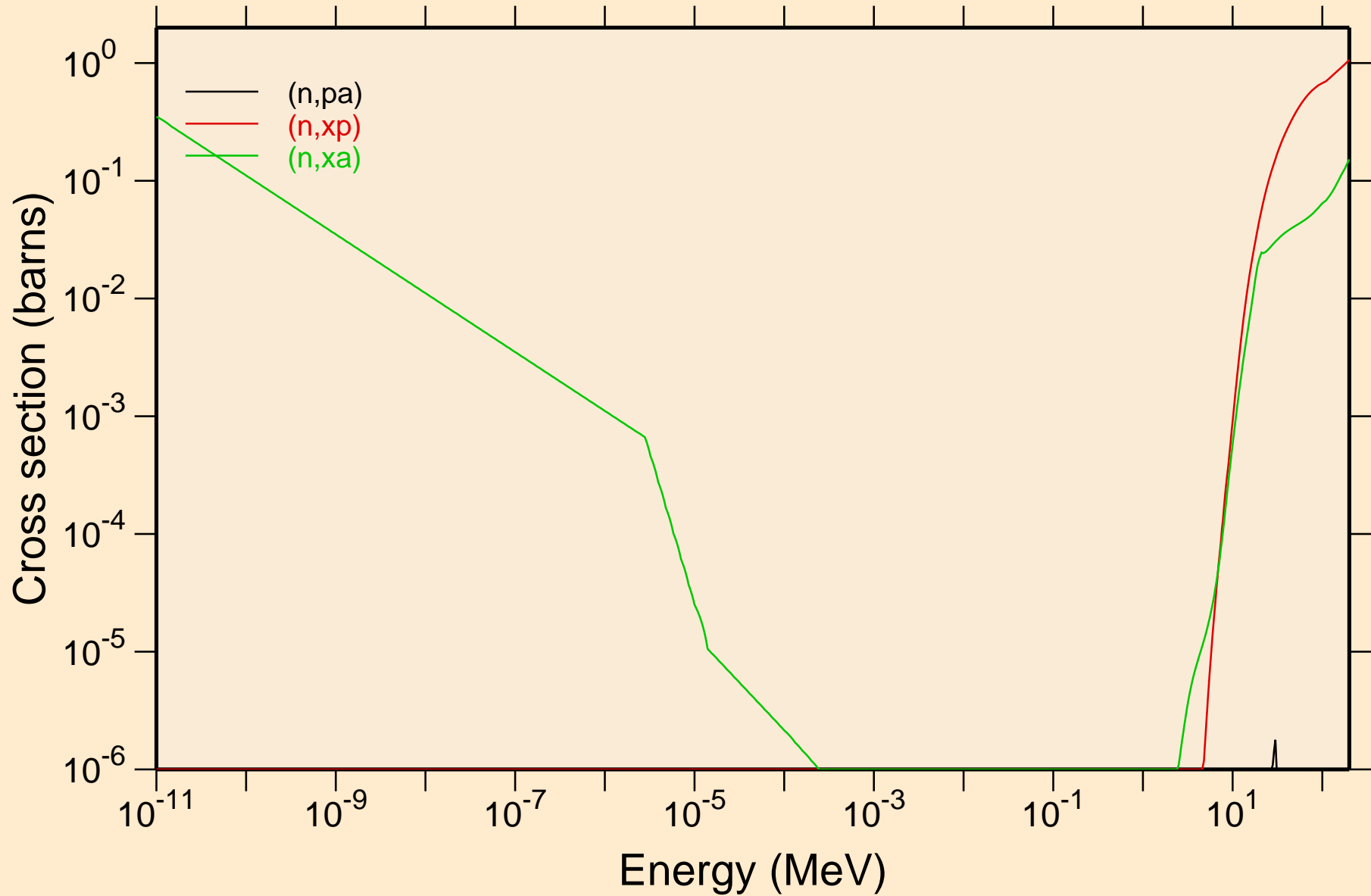


GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

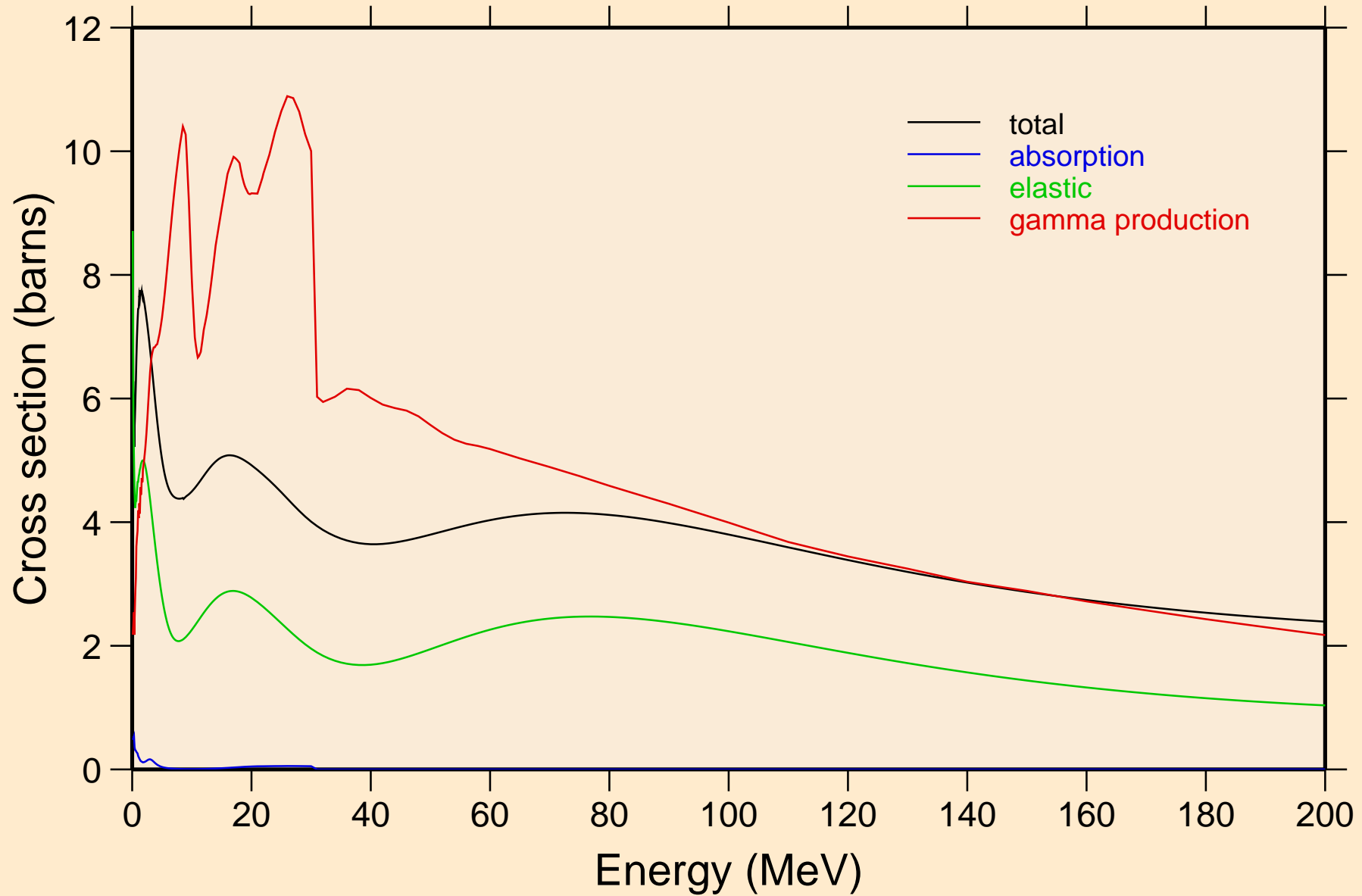


GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



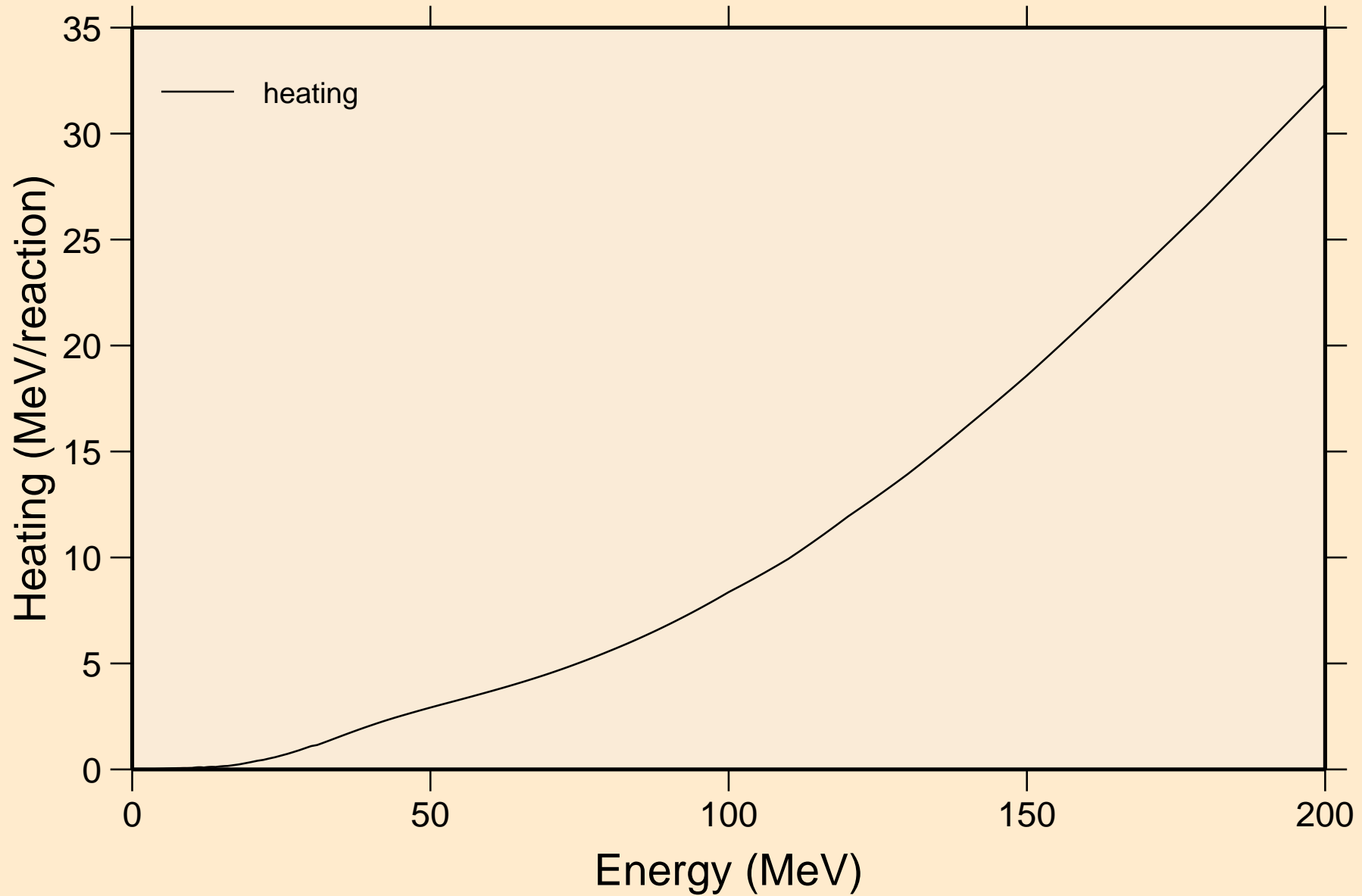
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Principal cross sections



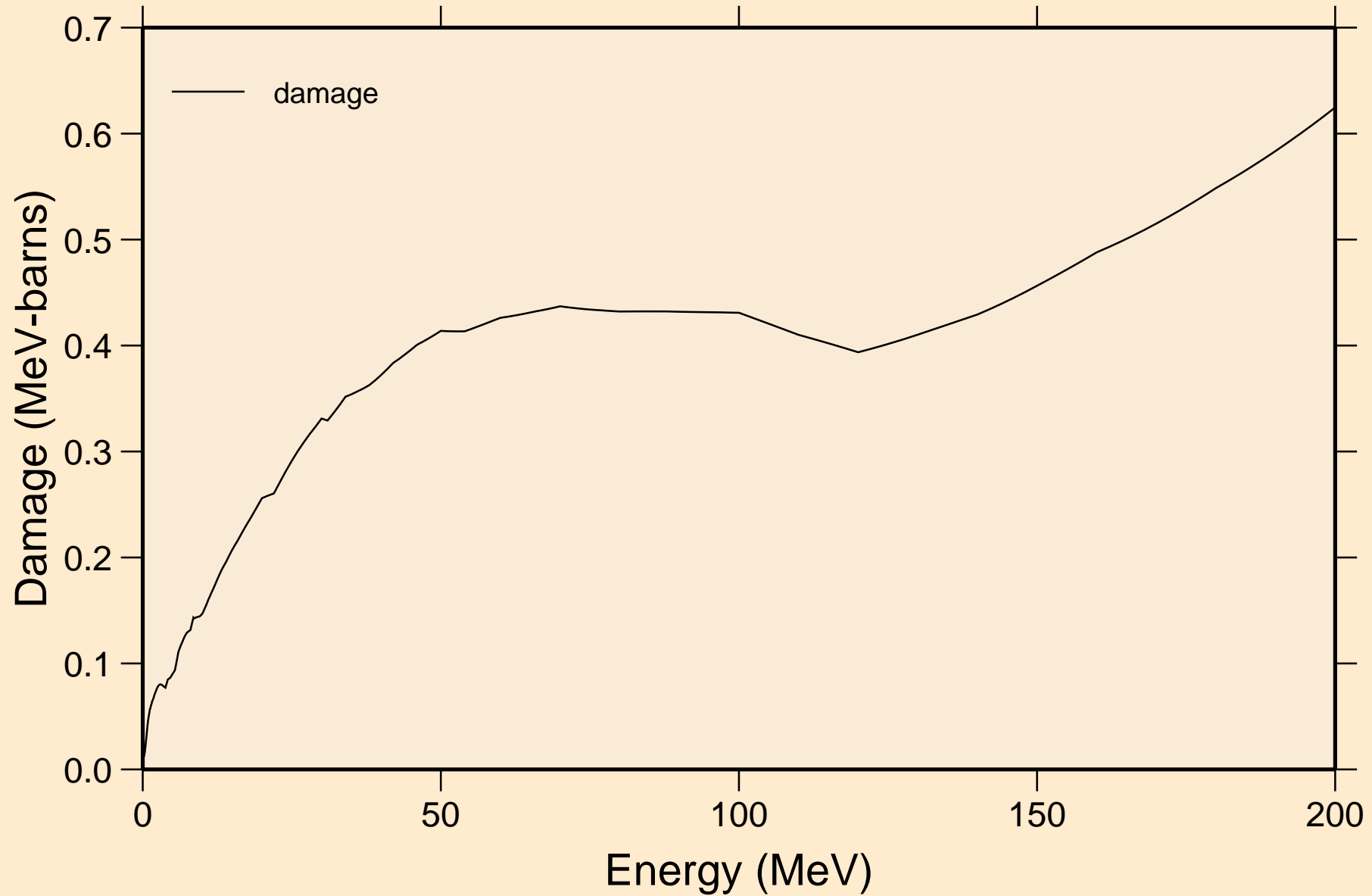
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Heating



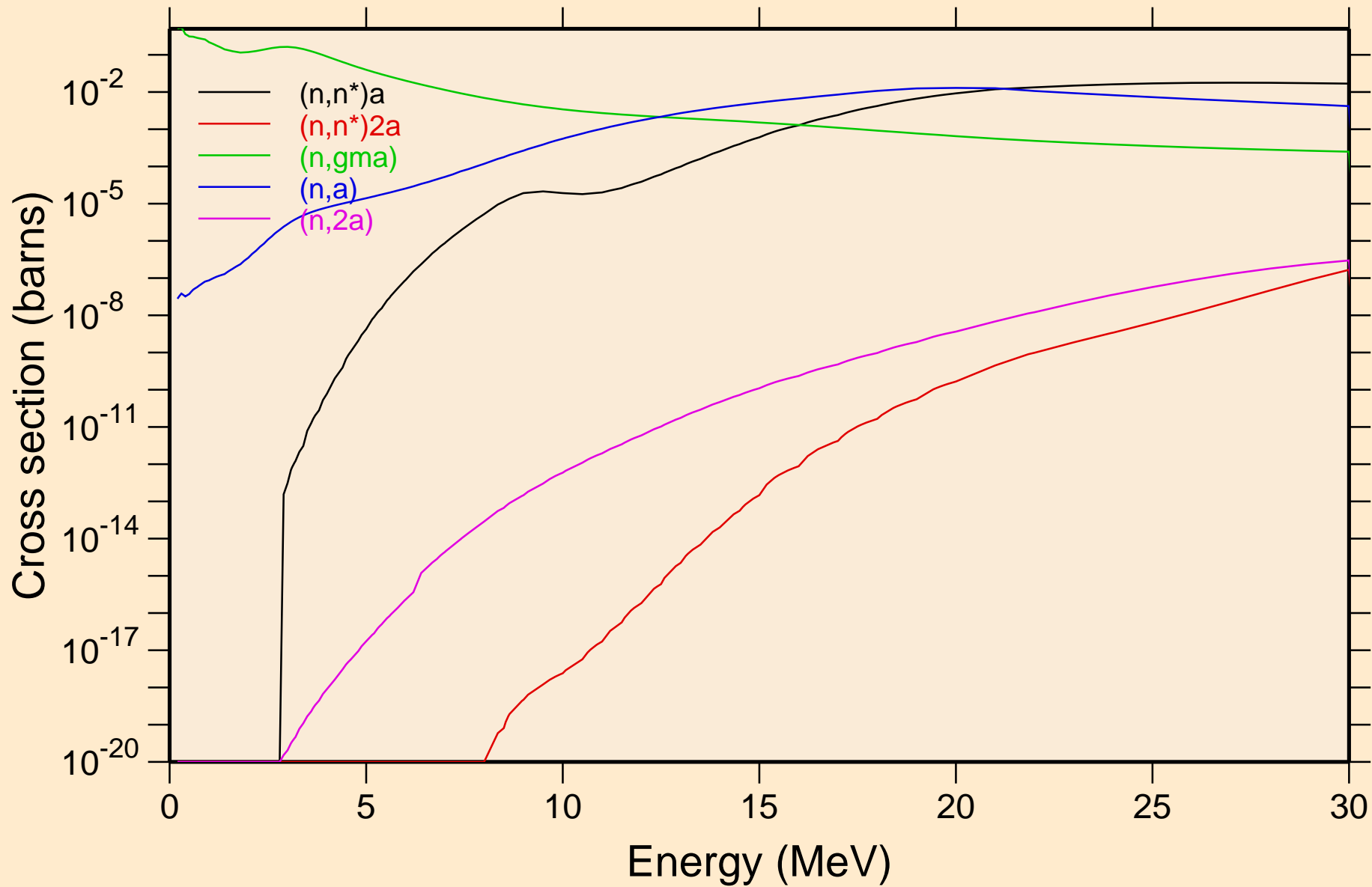
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



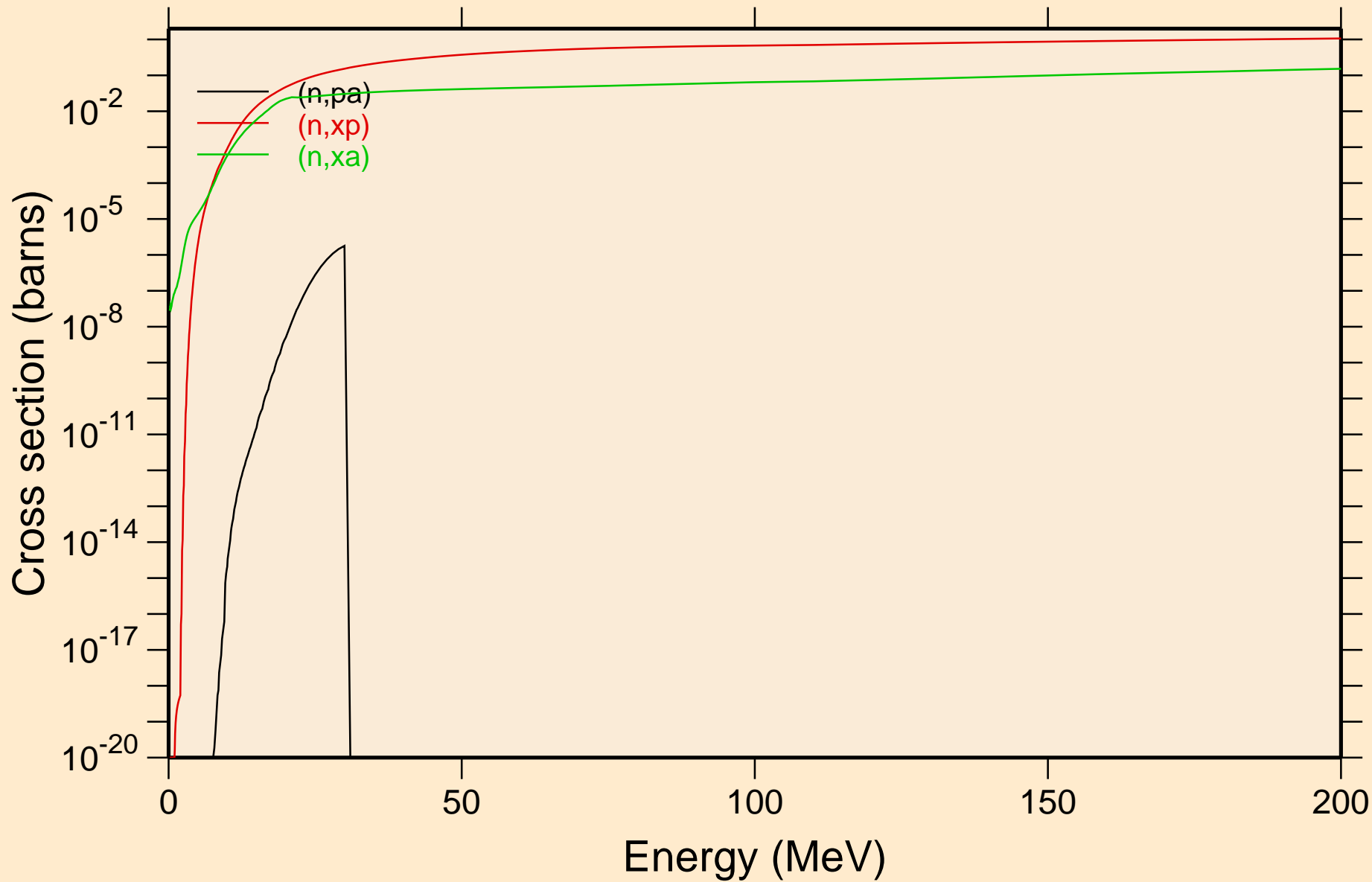
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

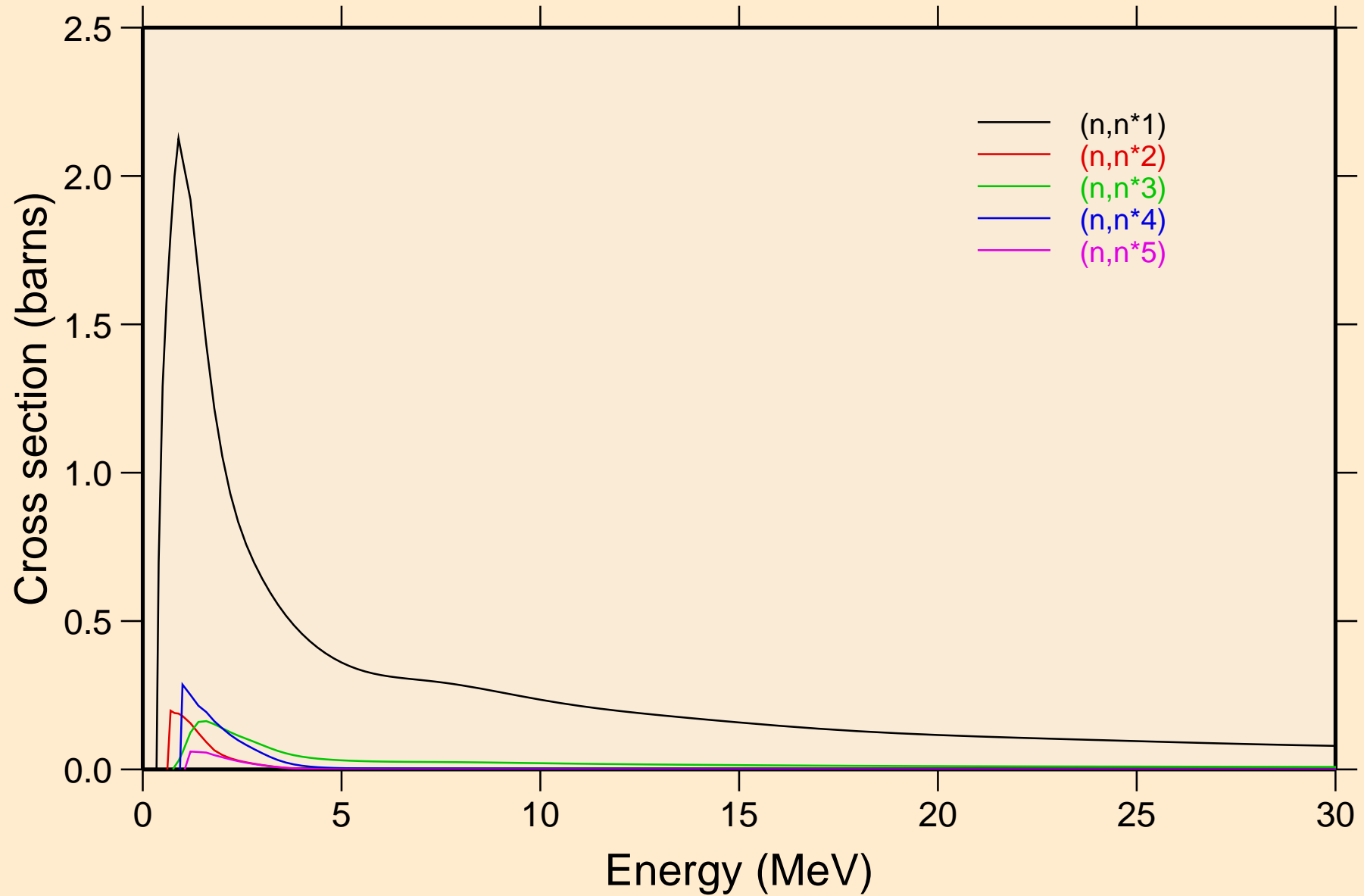


GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

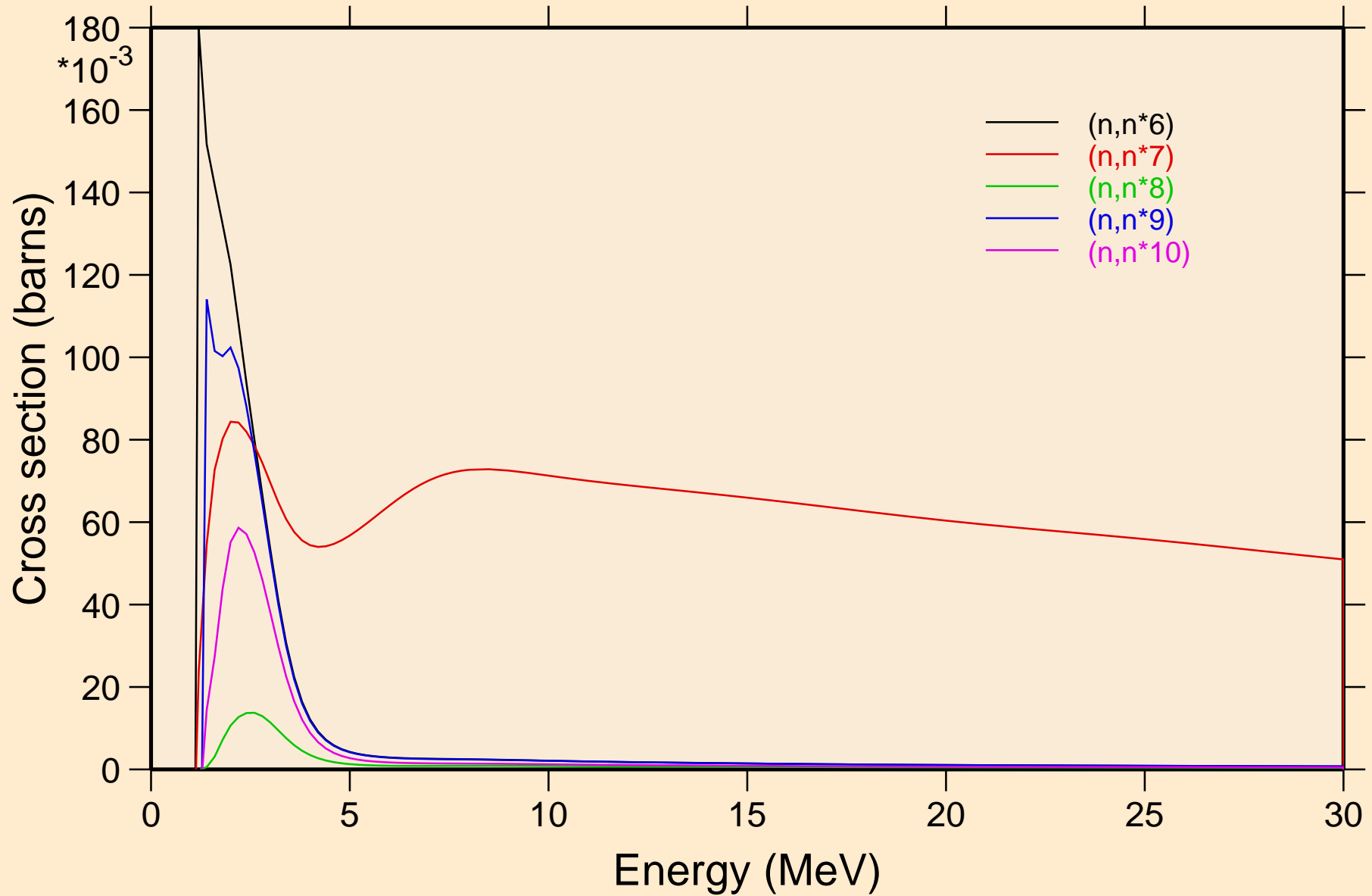
Non-threshold reactions



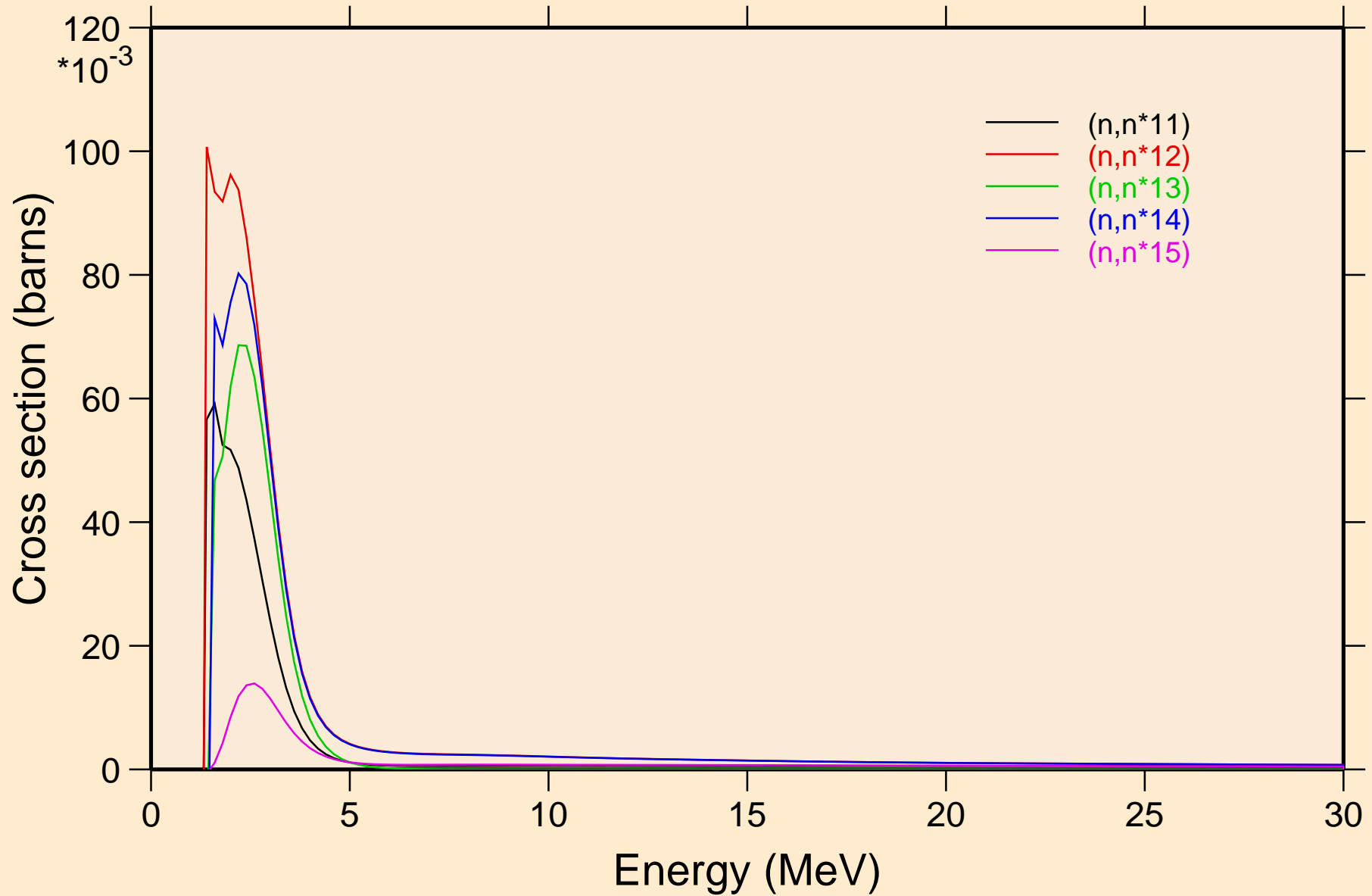
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

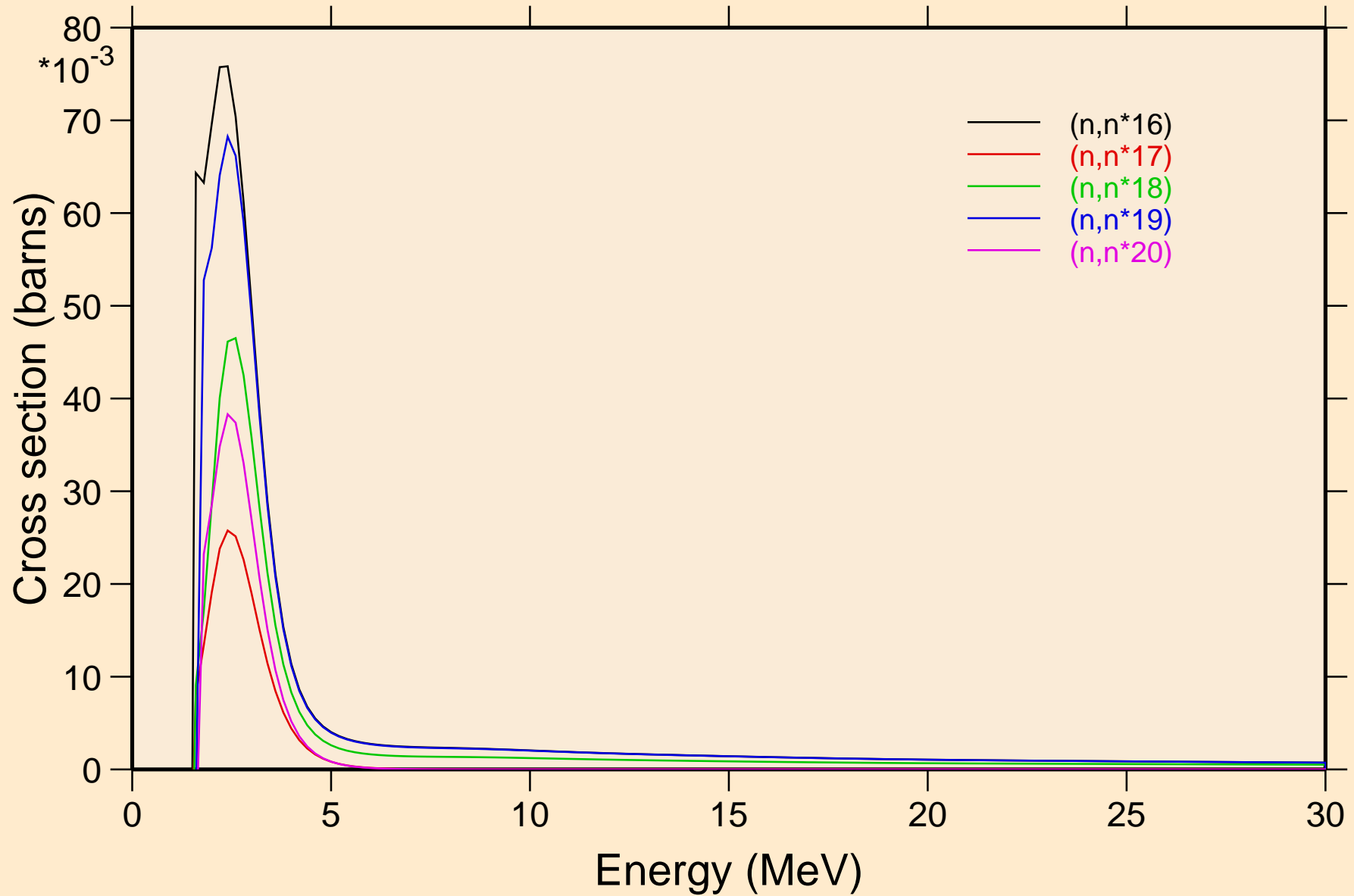


GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

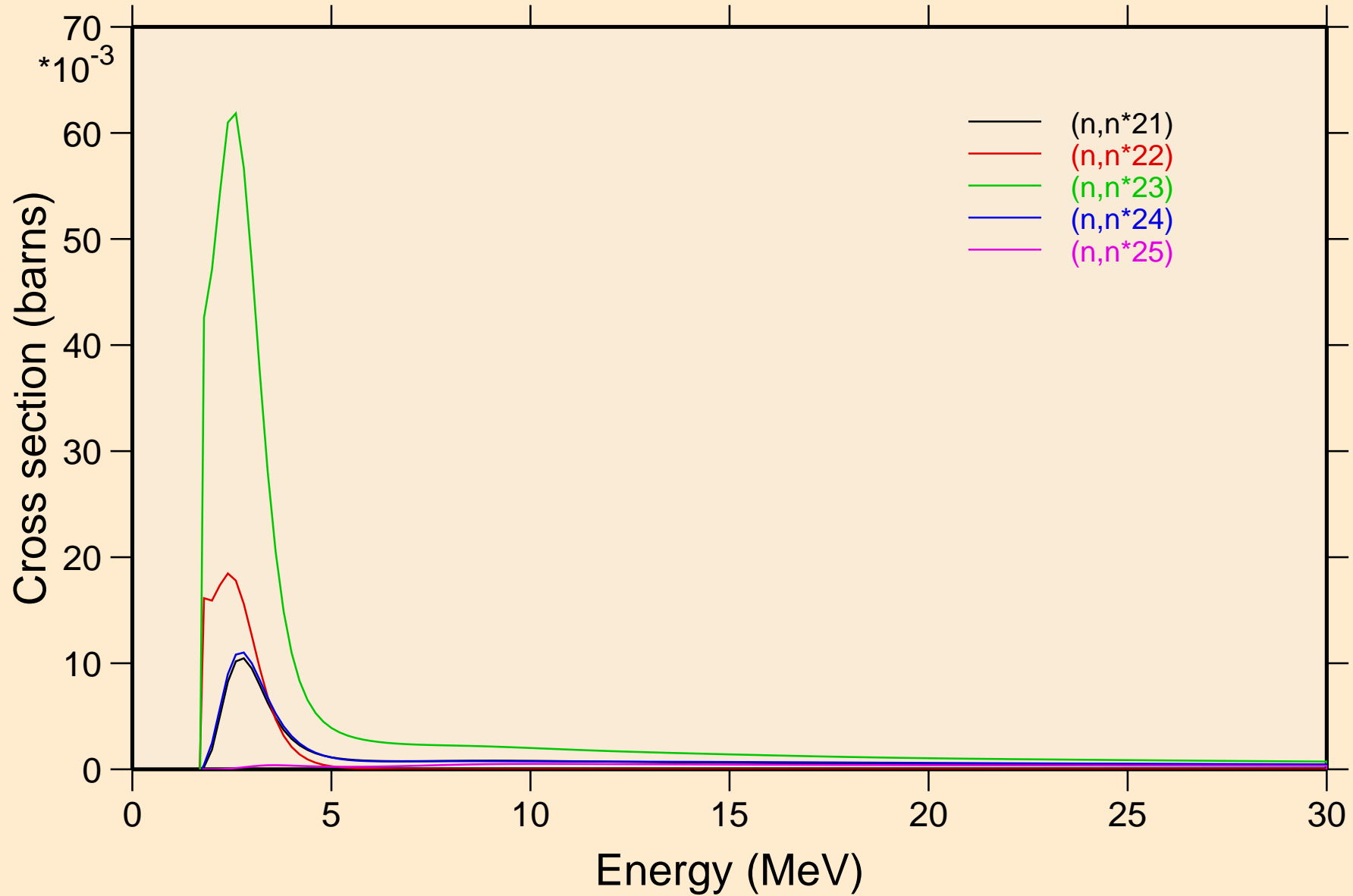


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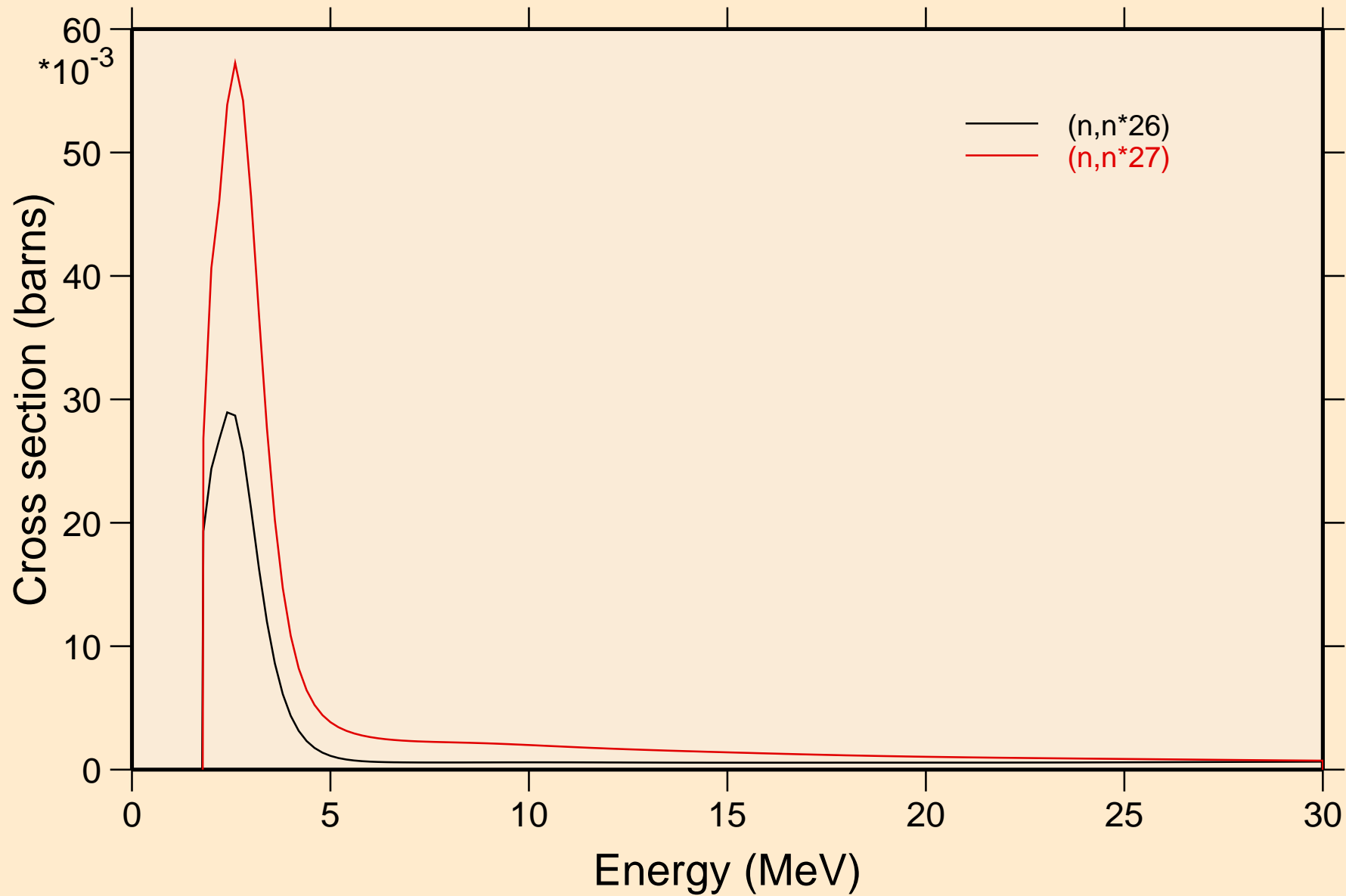
Inelastic levels



GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

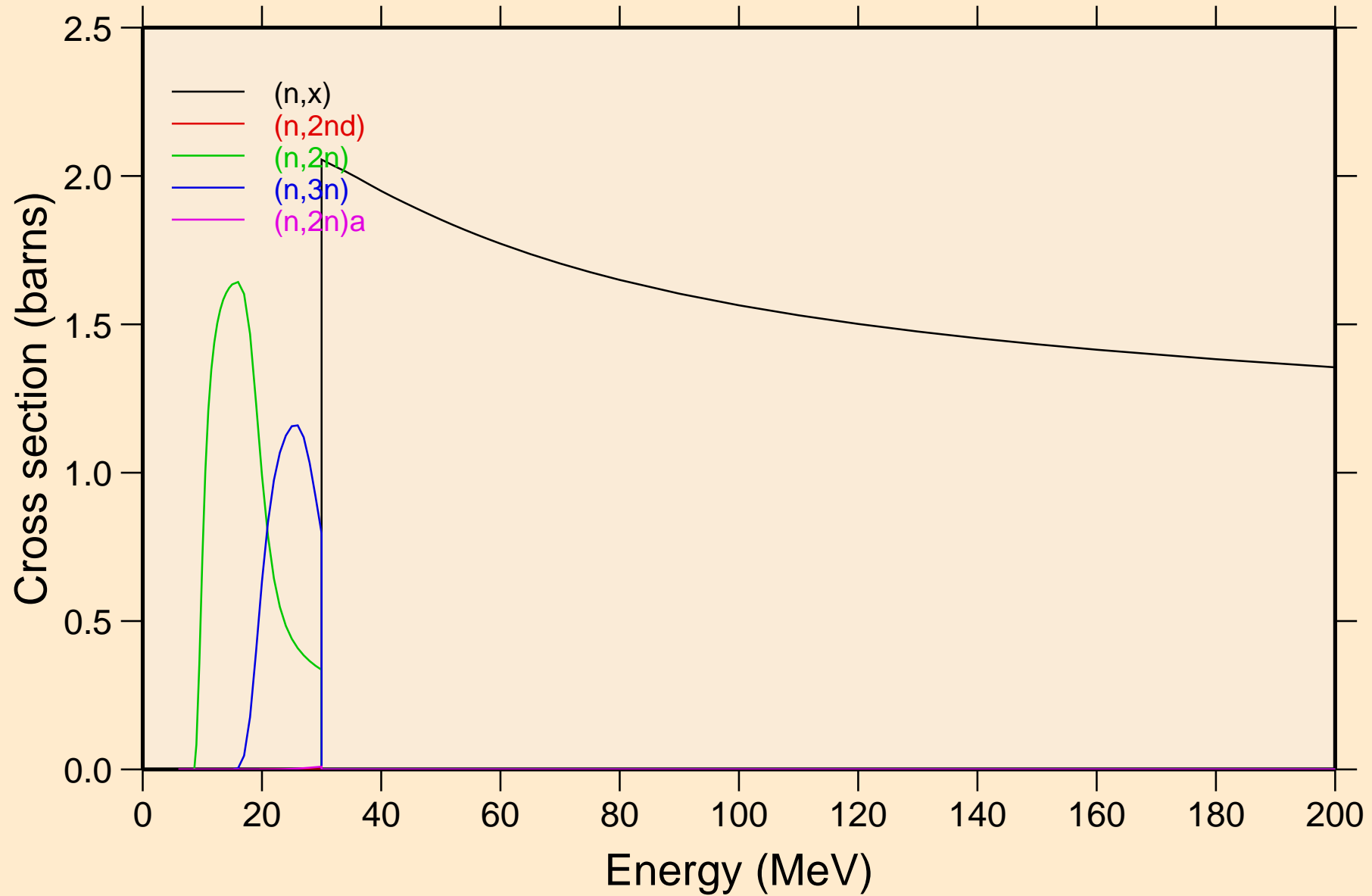


GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



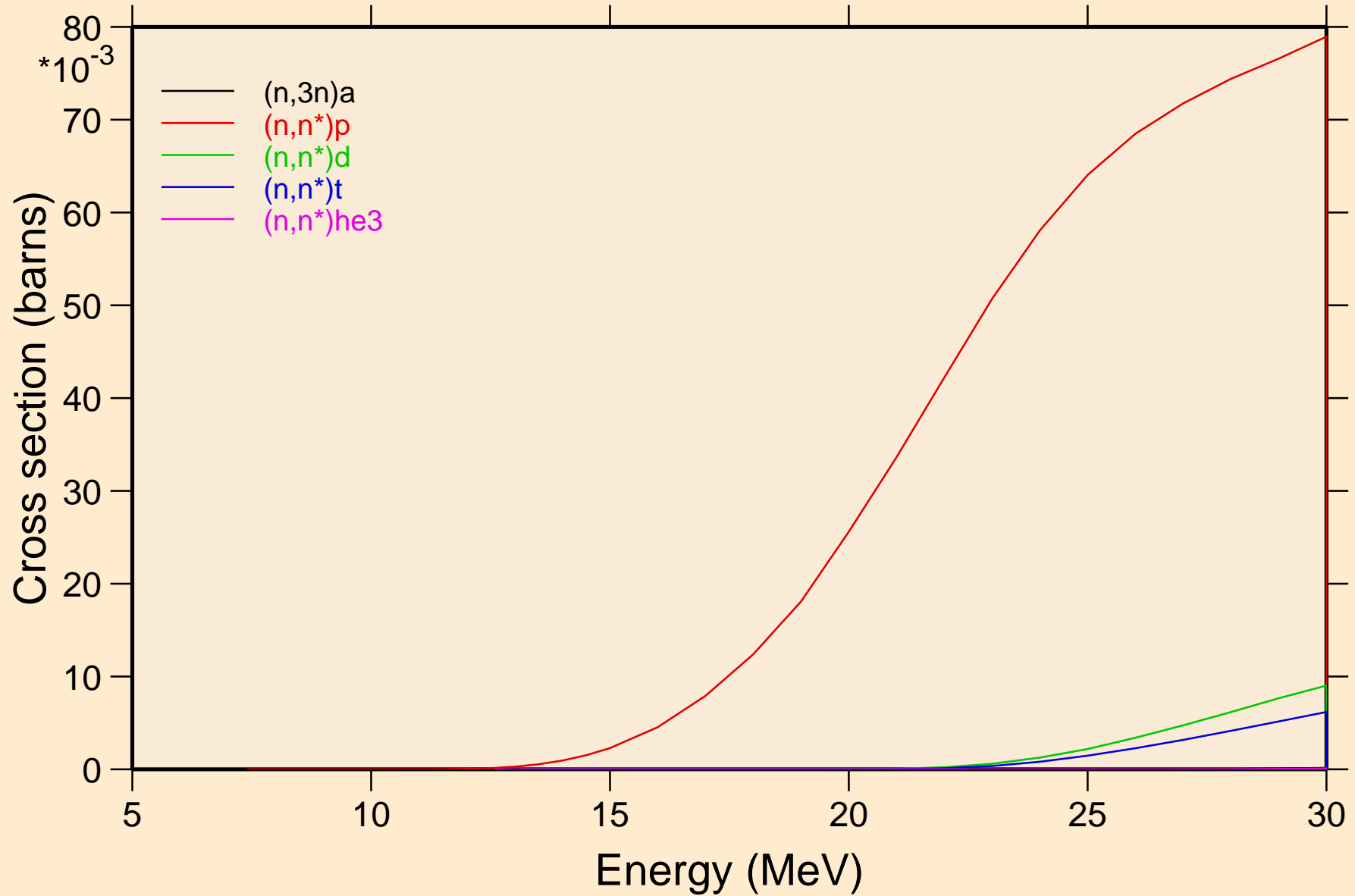
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



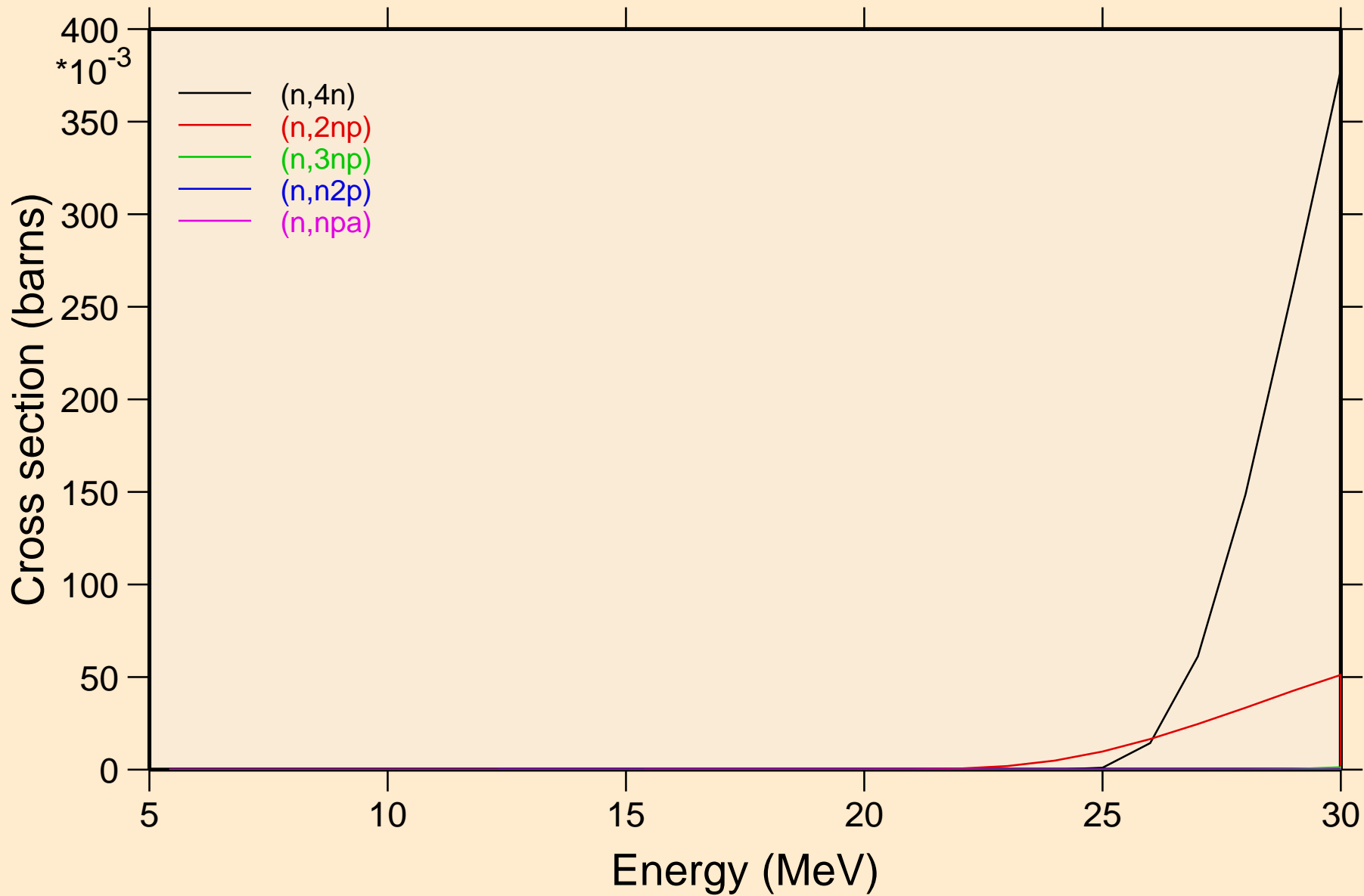
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Threshold reactions

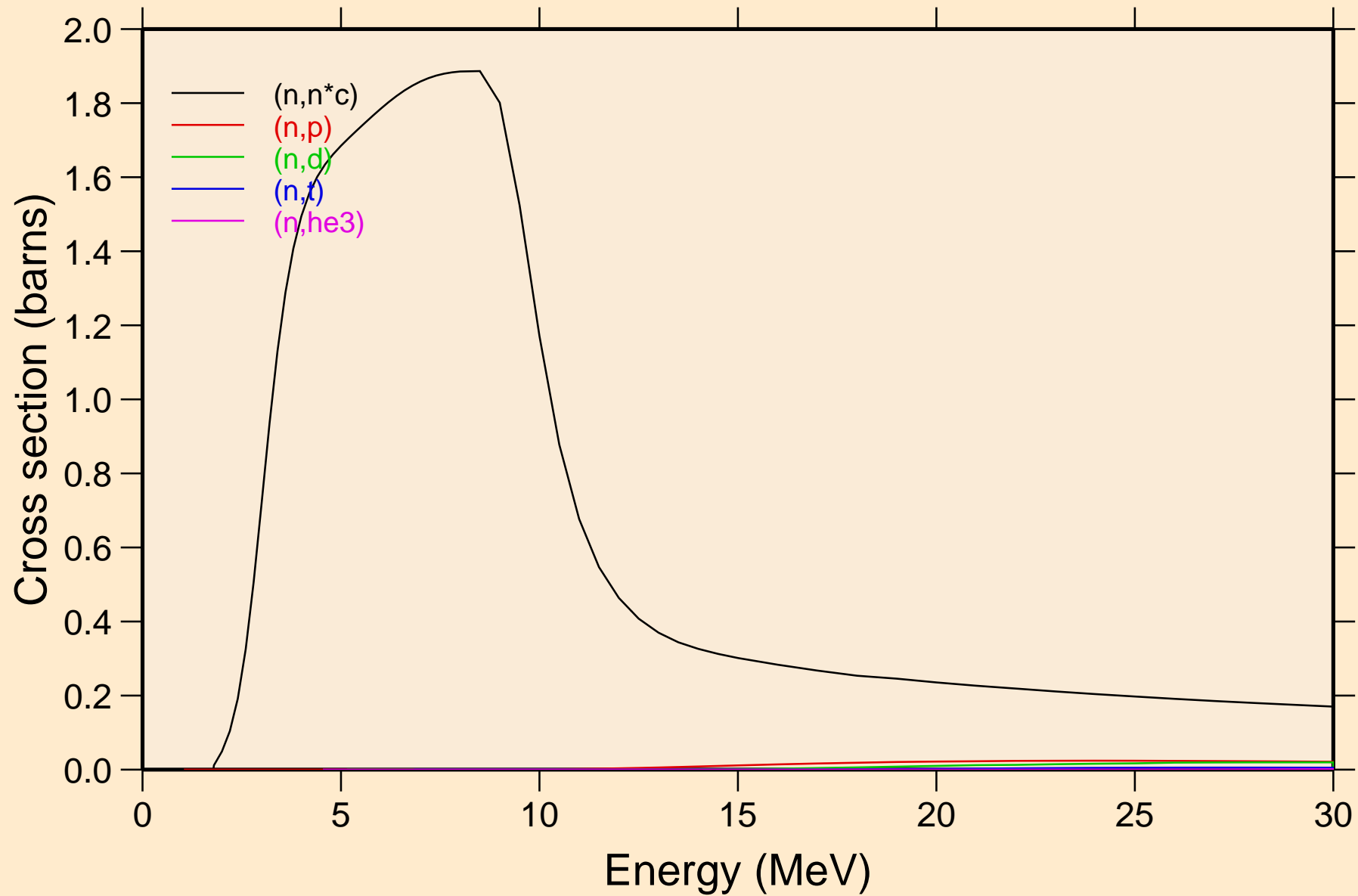


GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

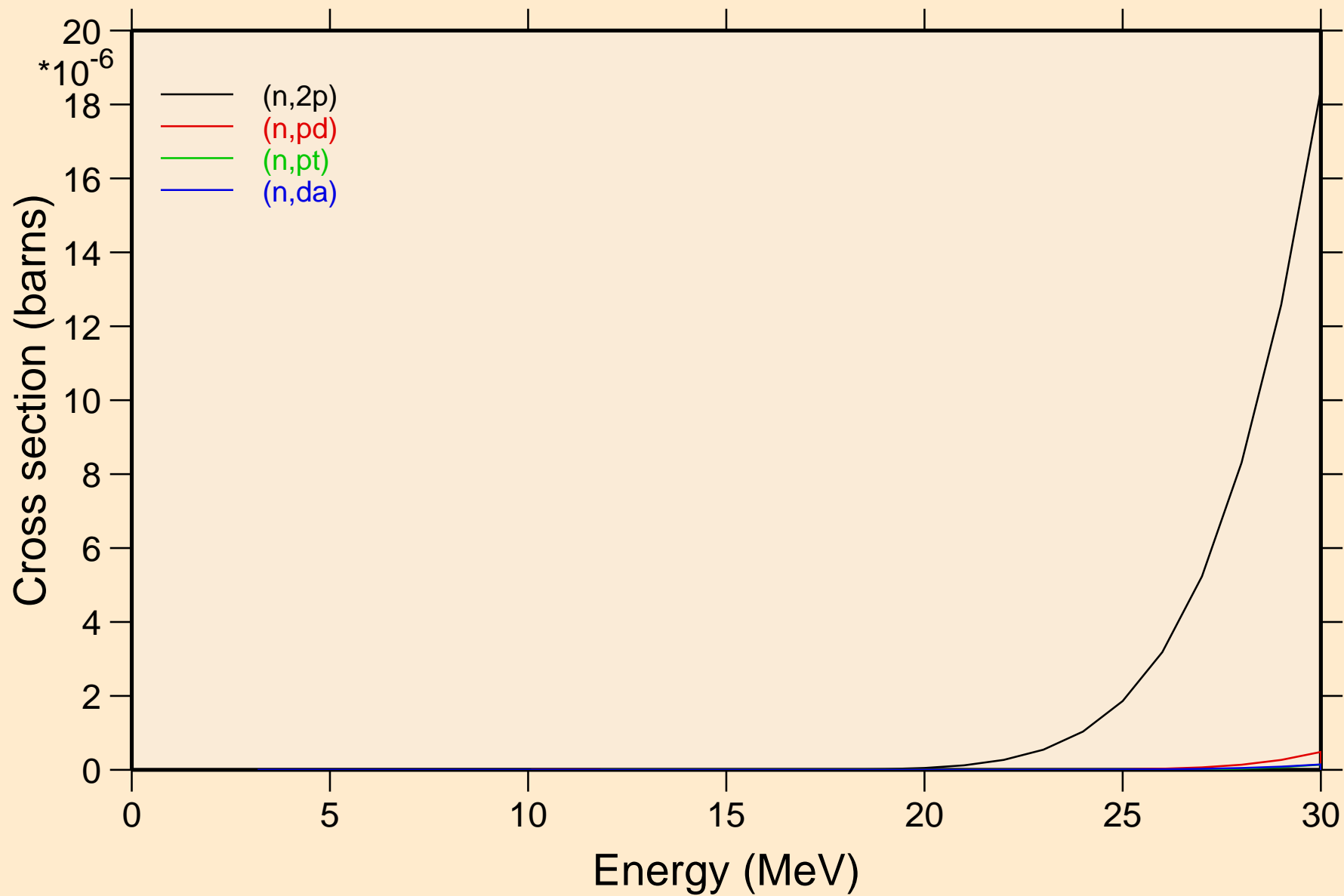


GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



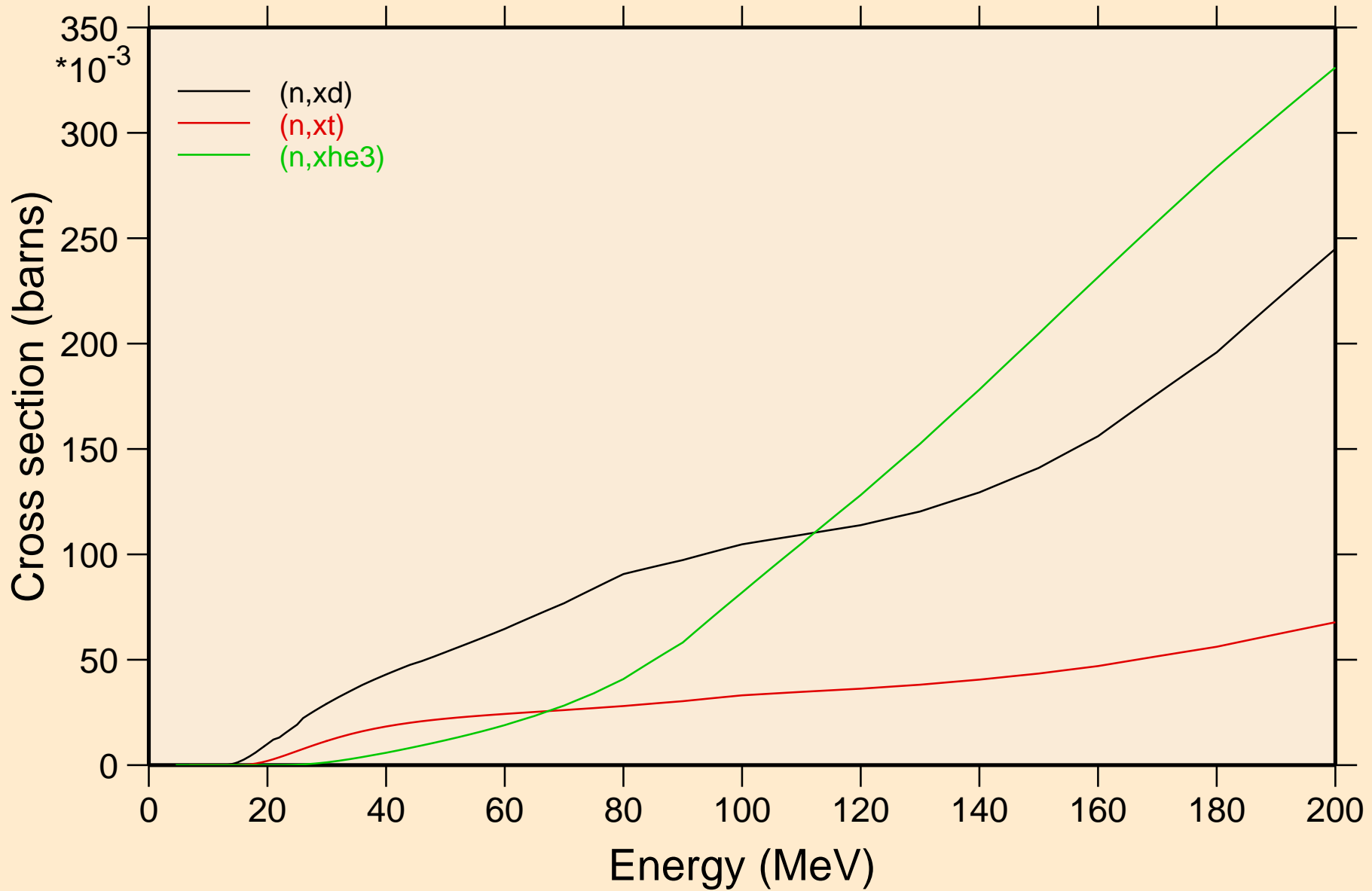
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

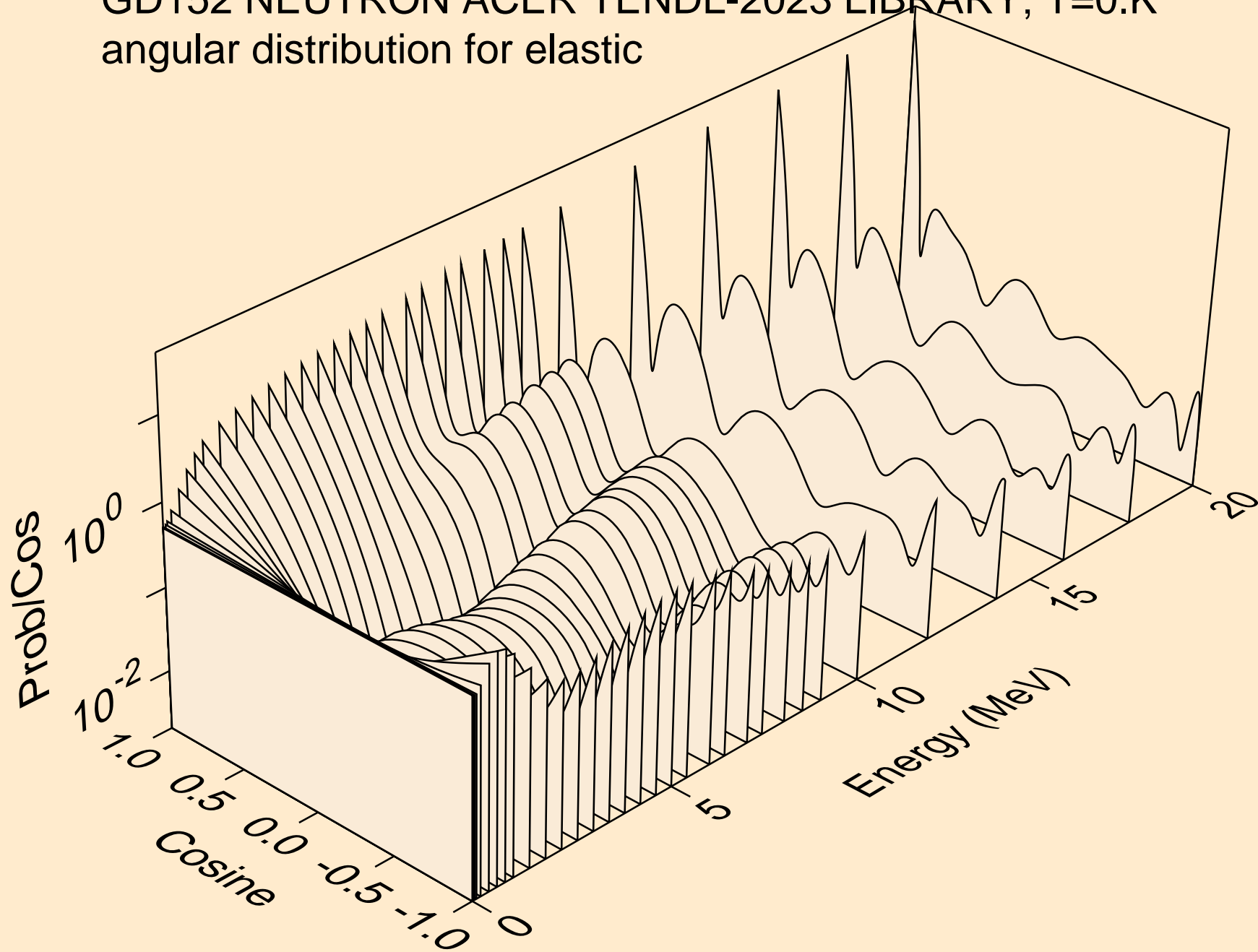


GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

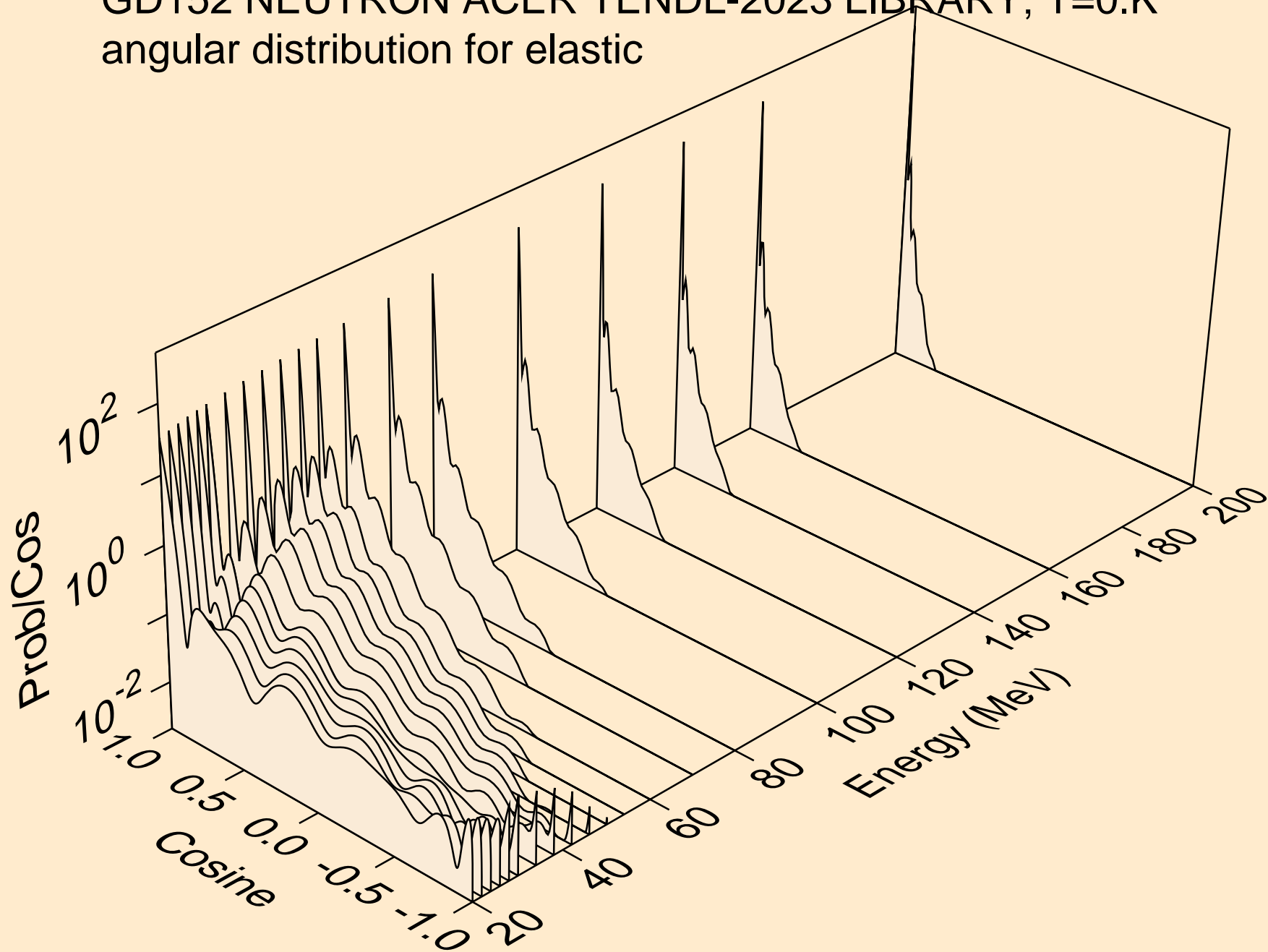
Threshold reactions



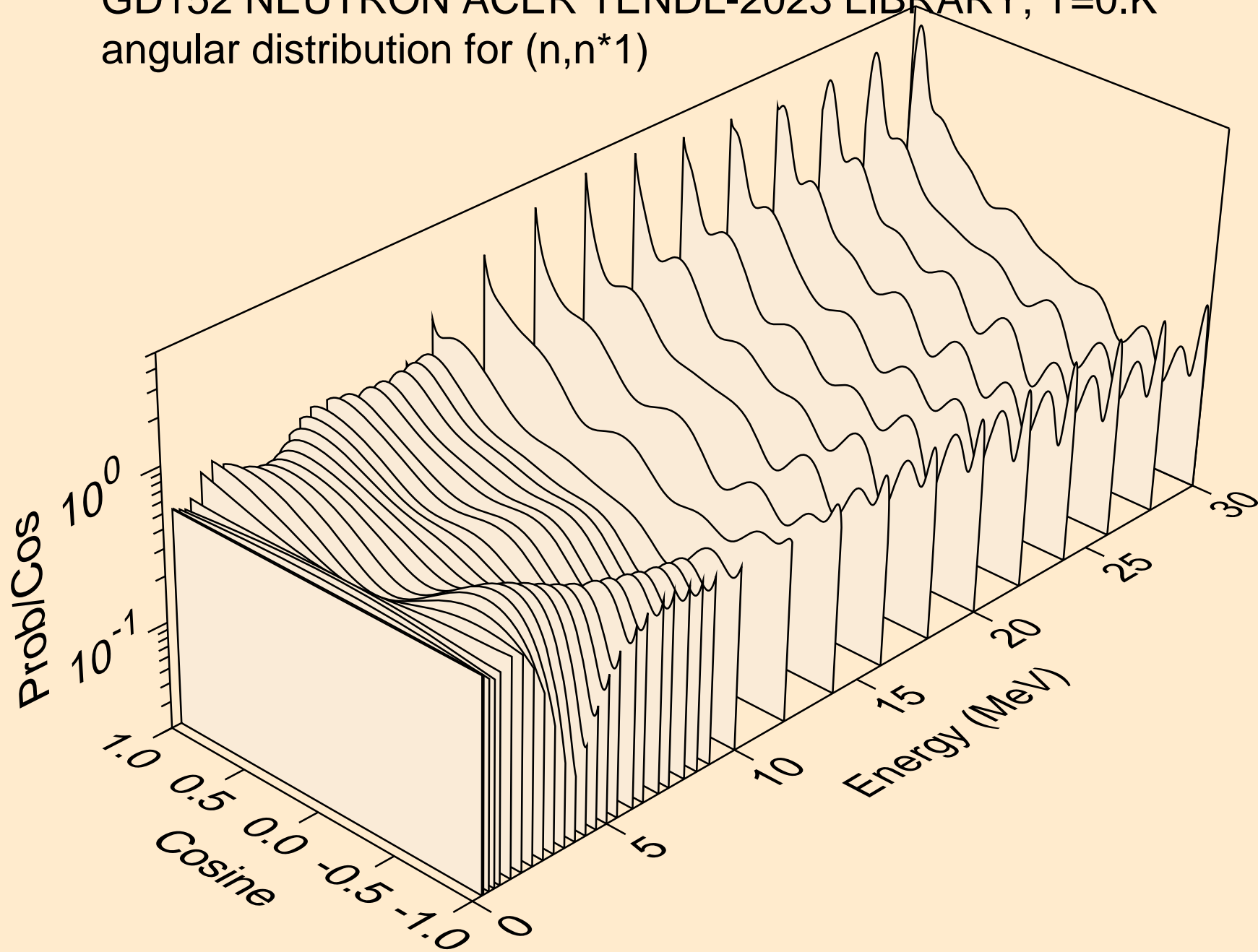
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



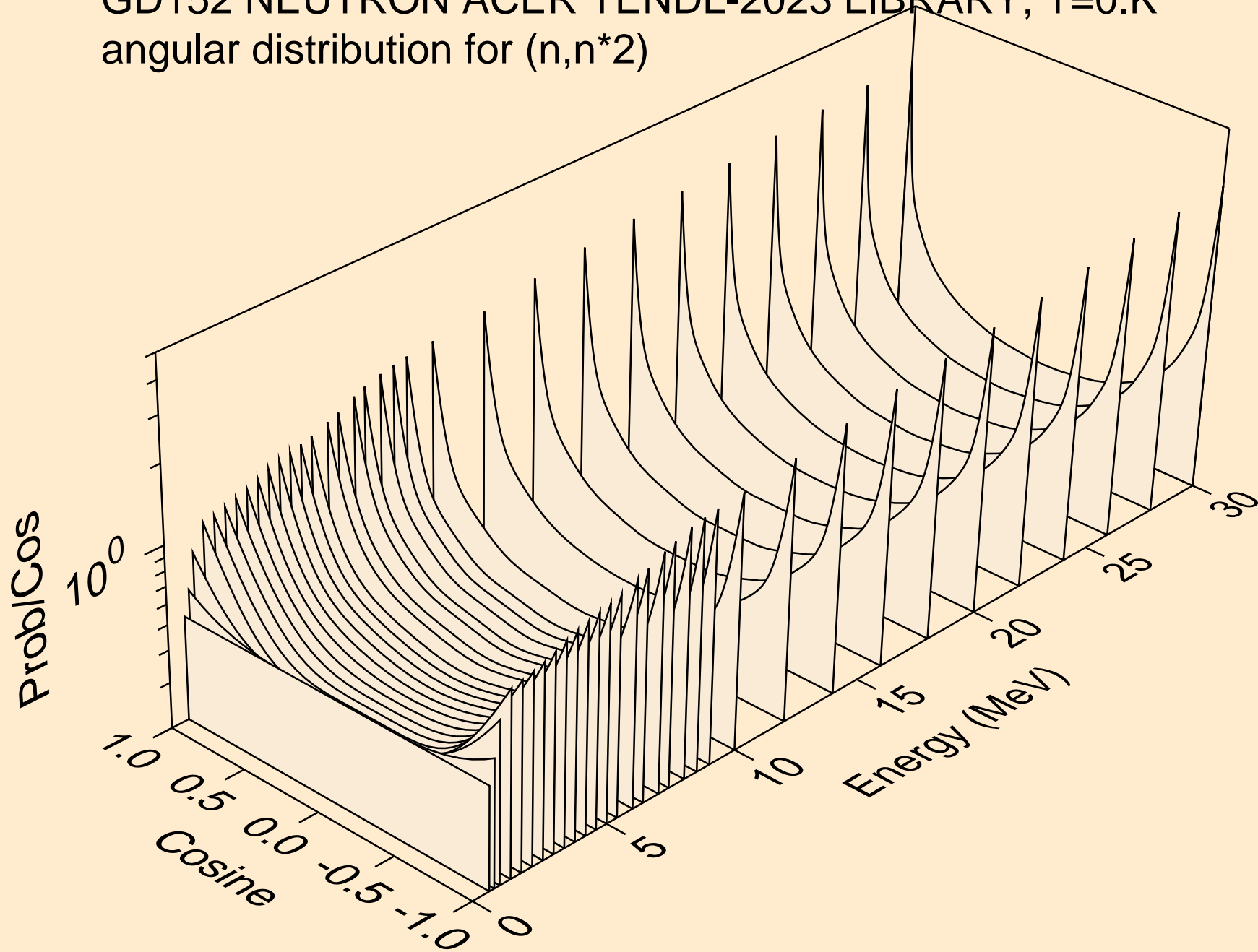
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



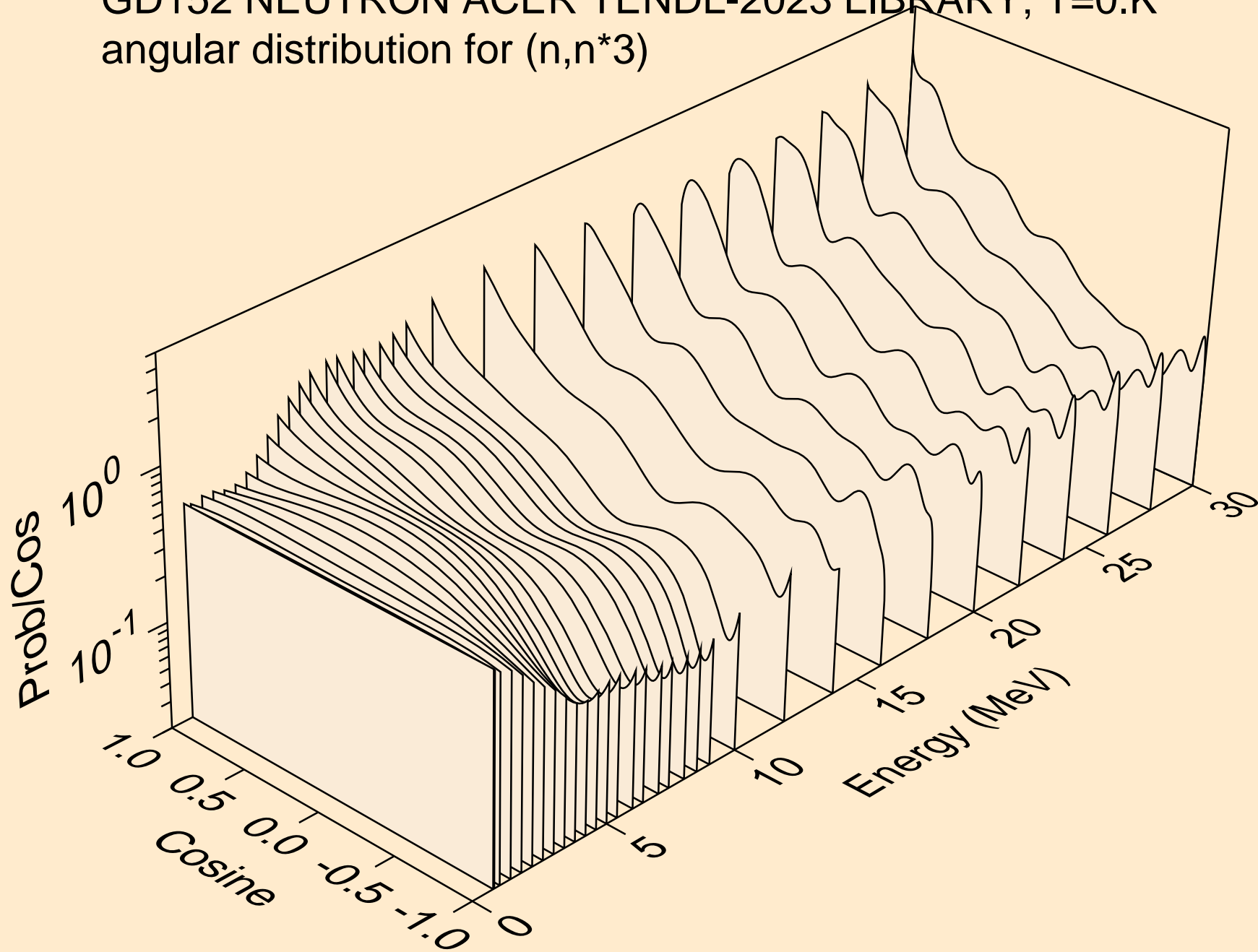
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



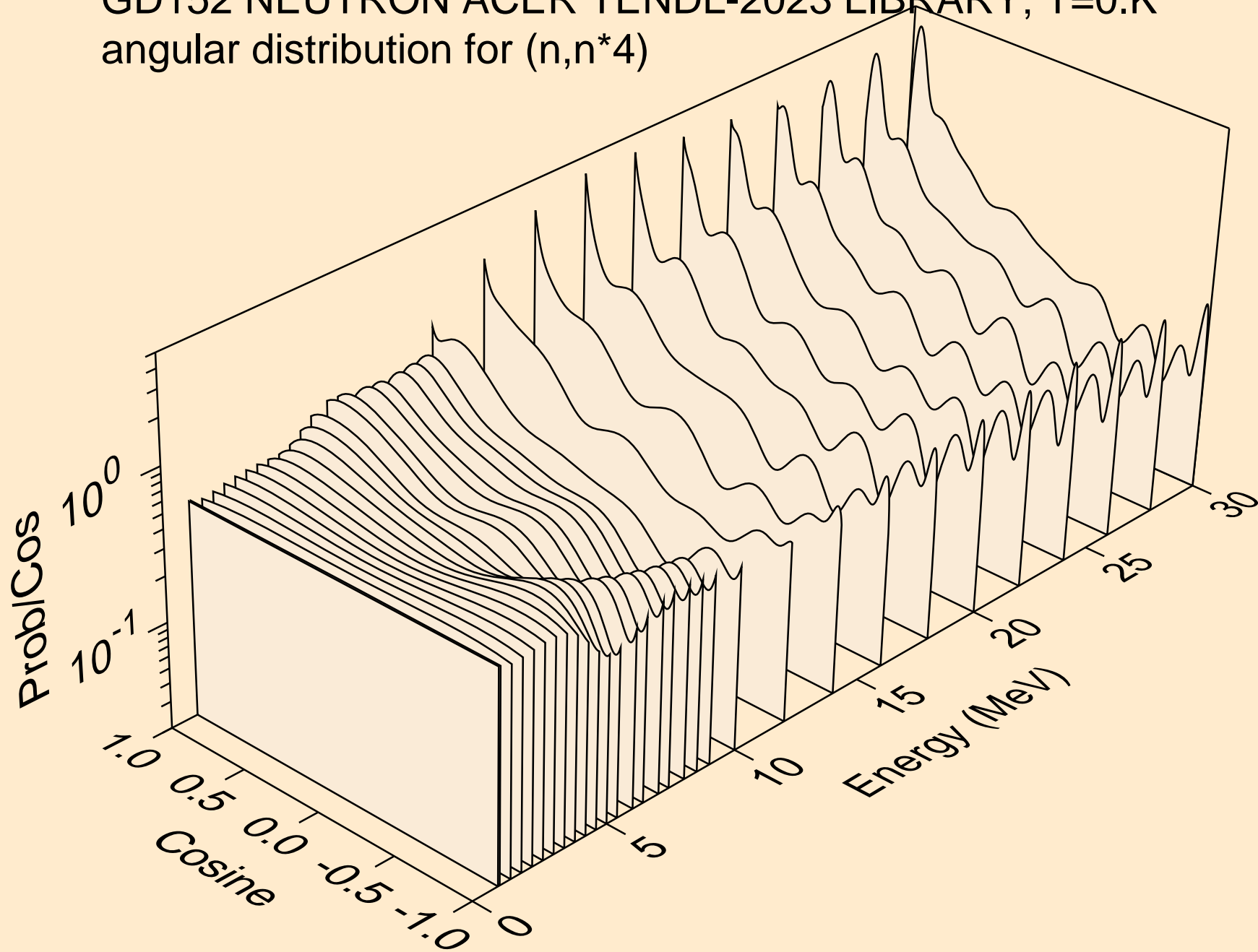
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



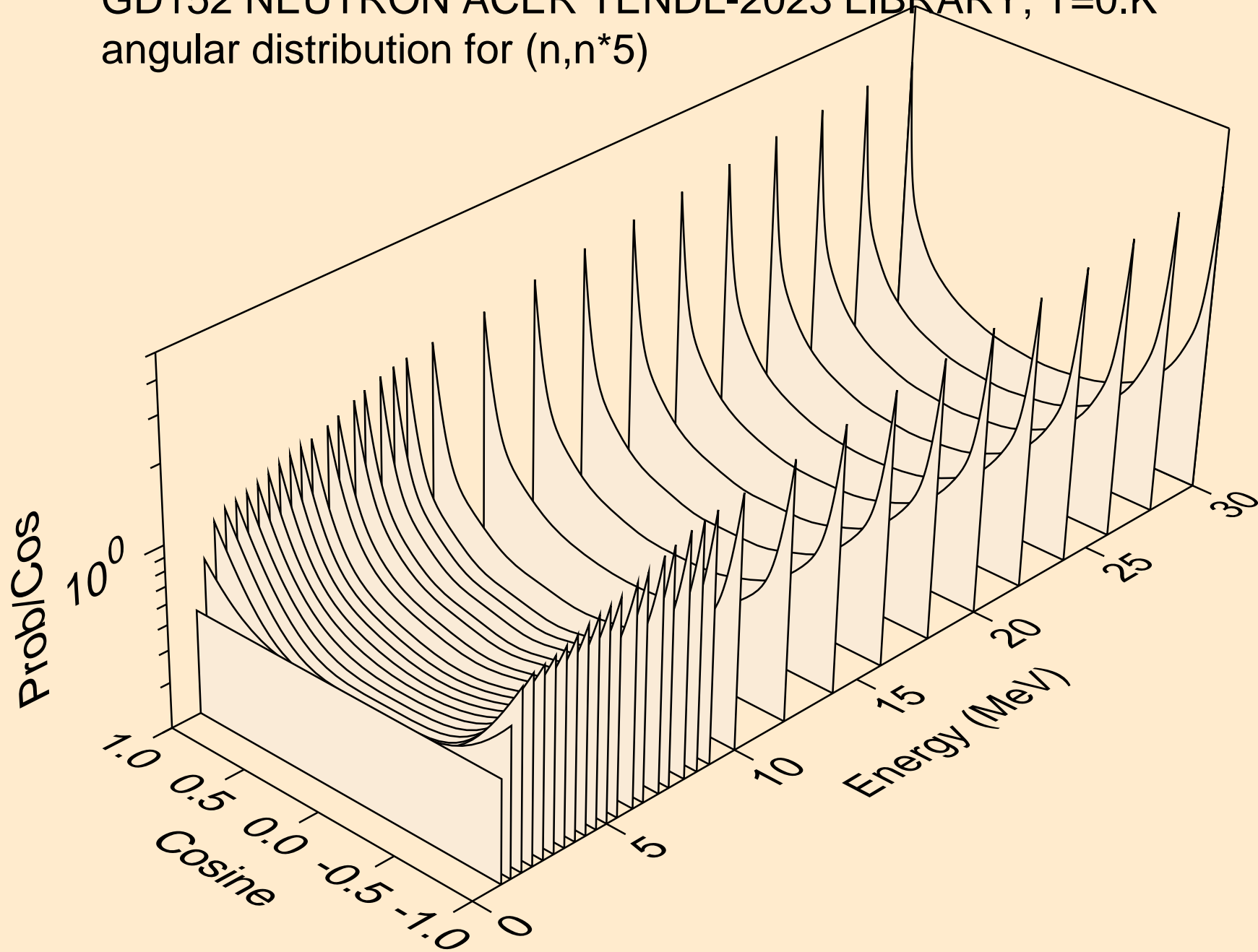
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



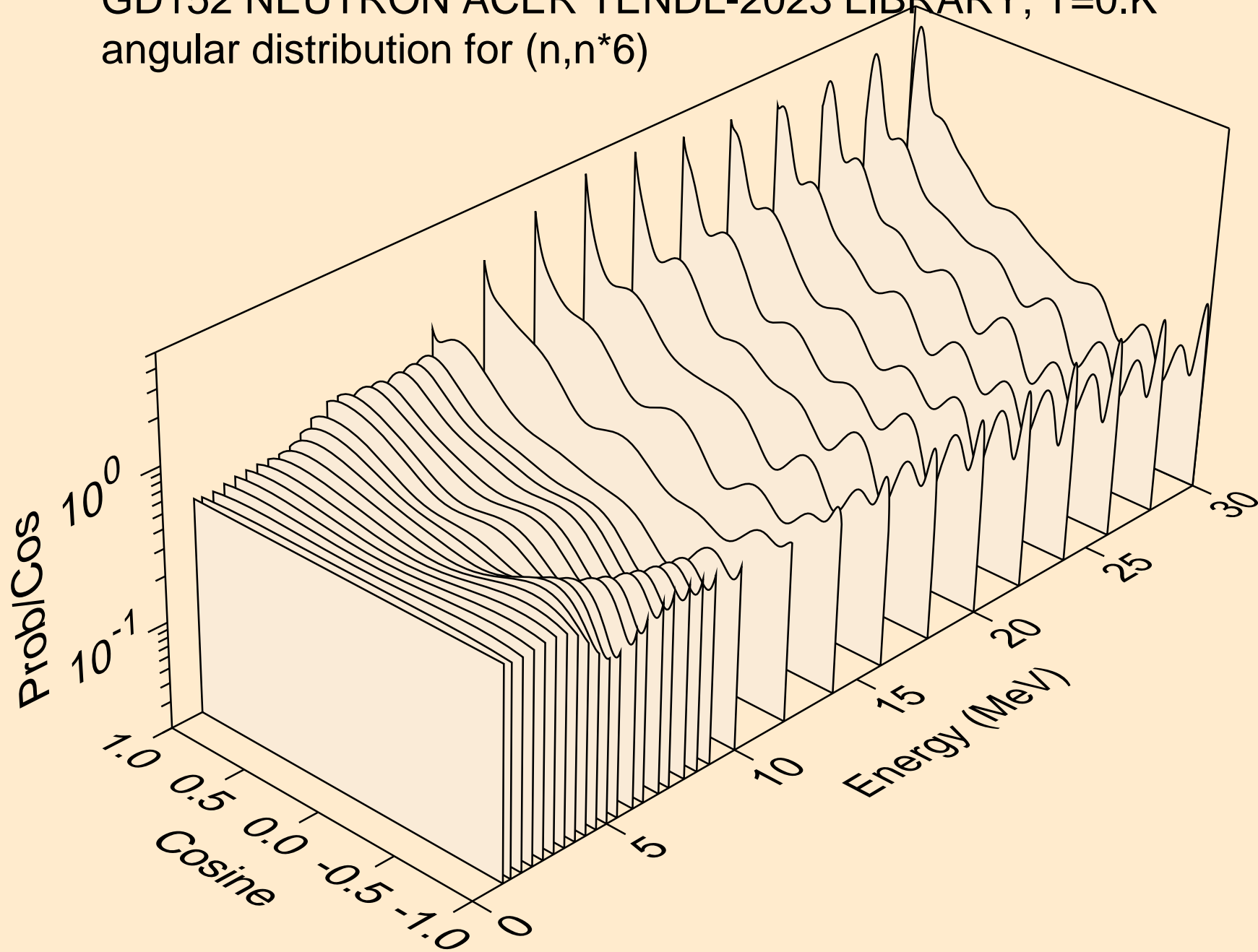
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



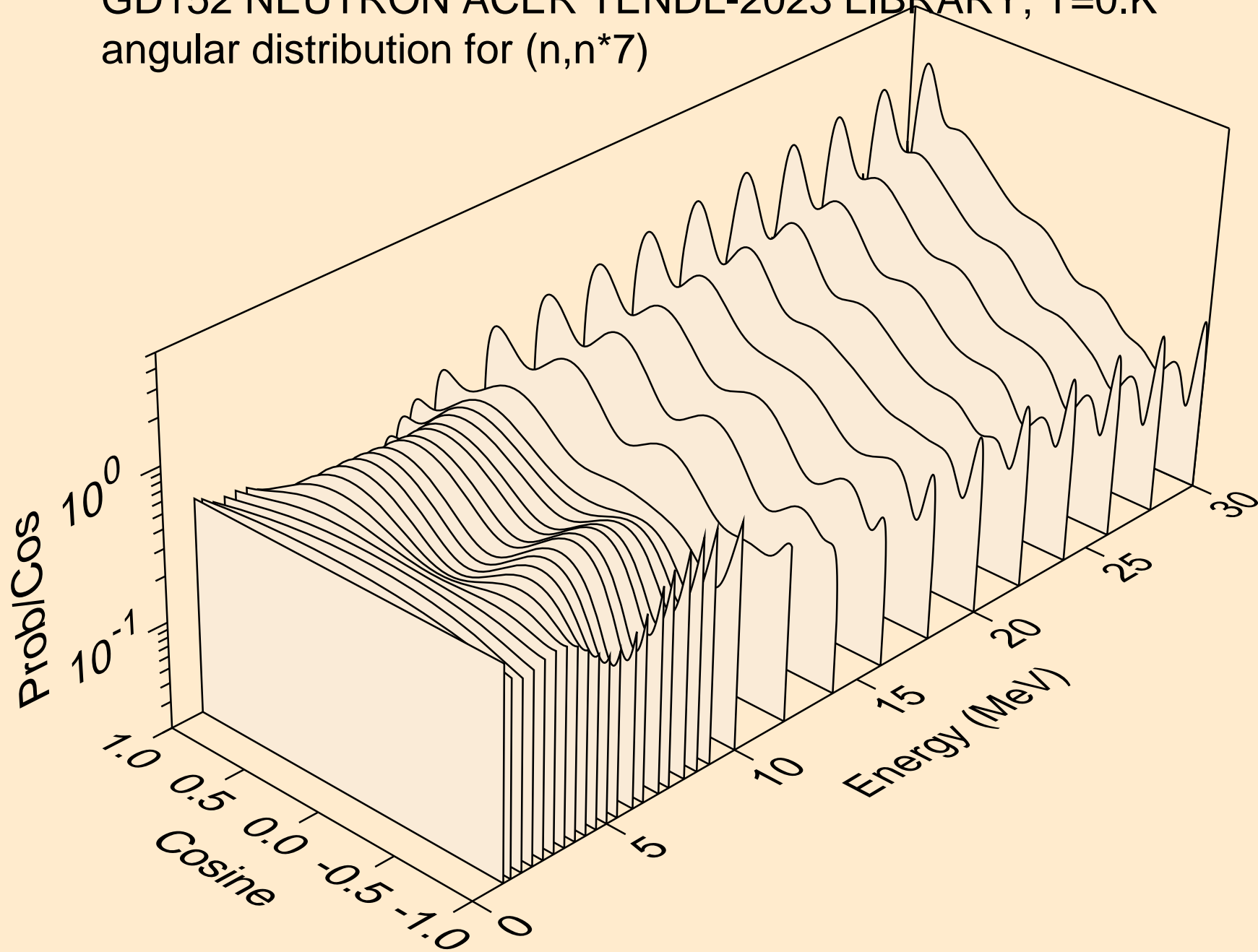
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



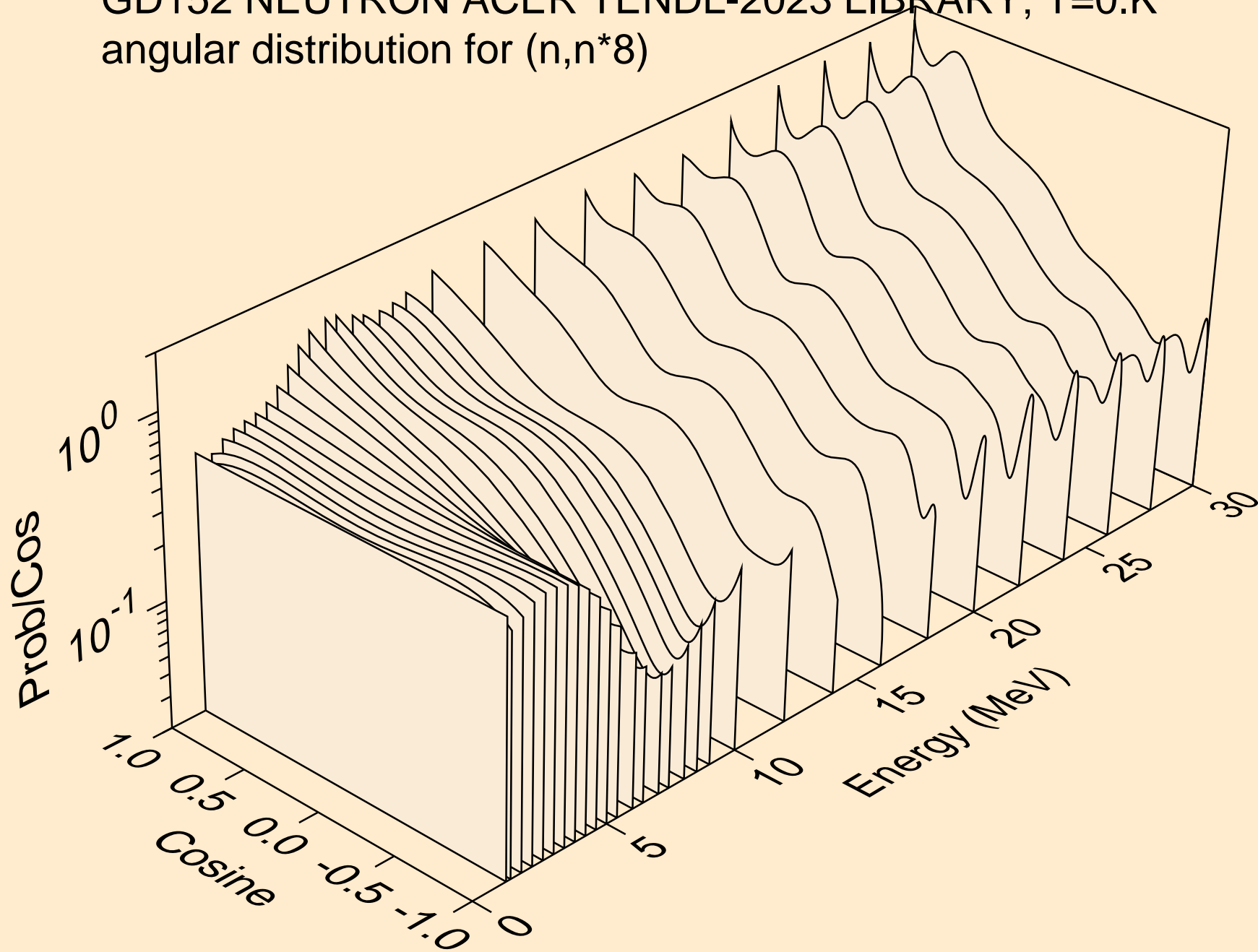
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



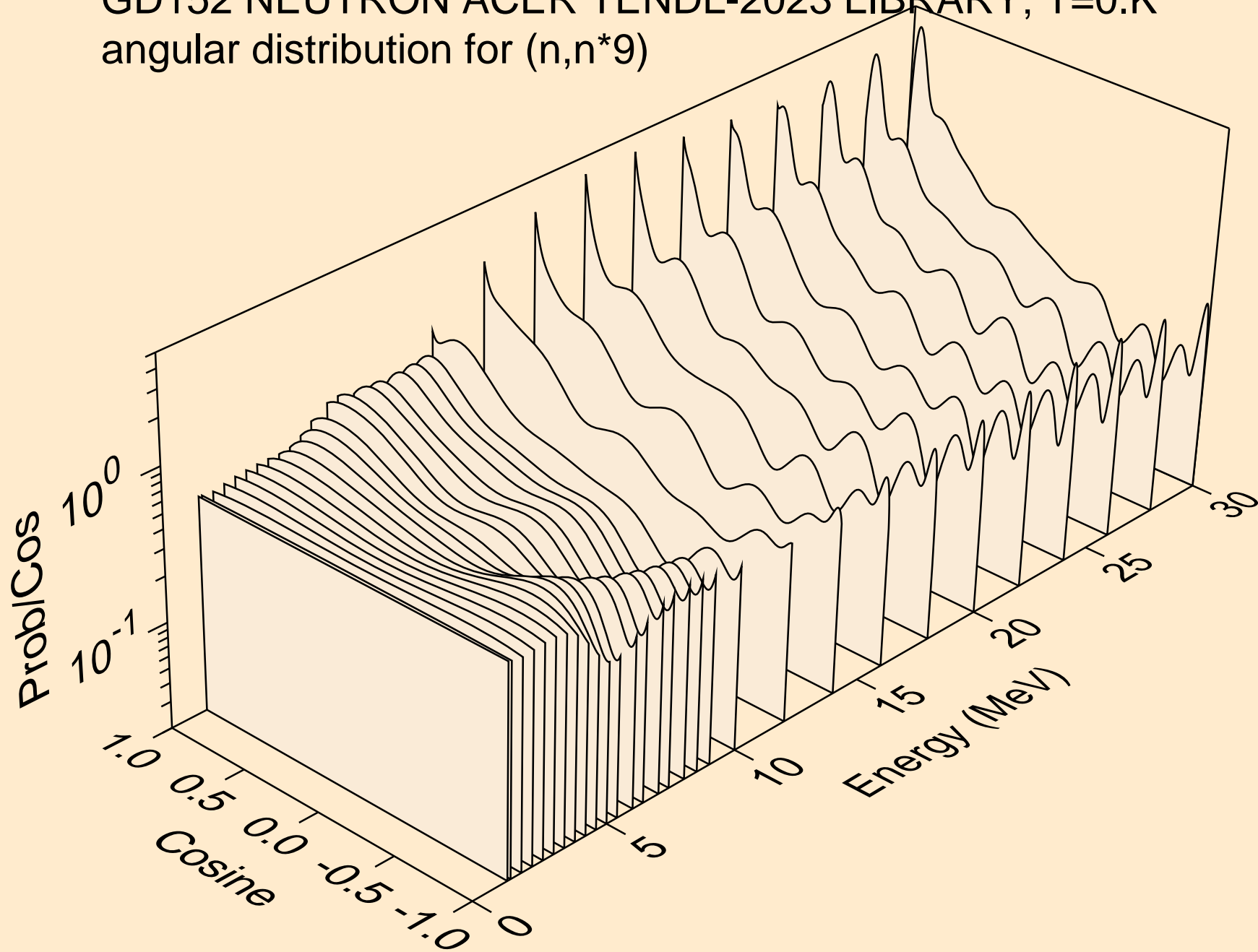
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angular distribution for (n,n*7)



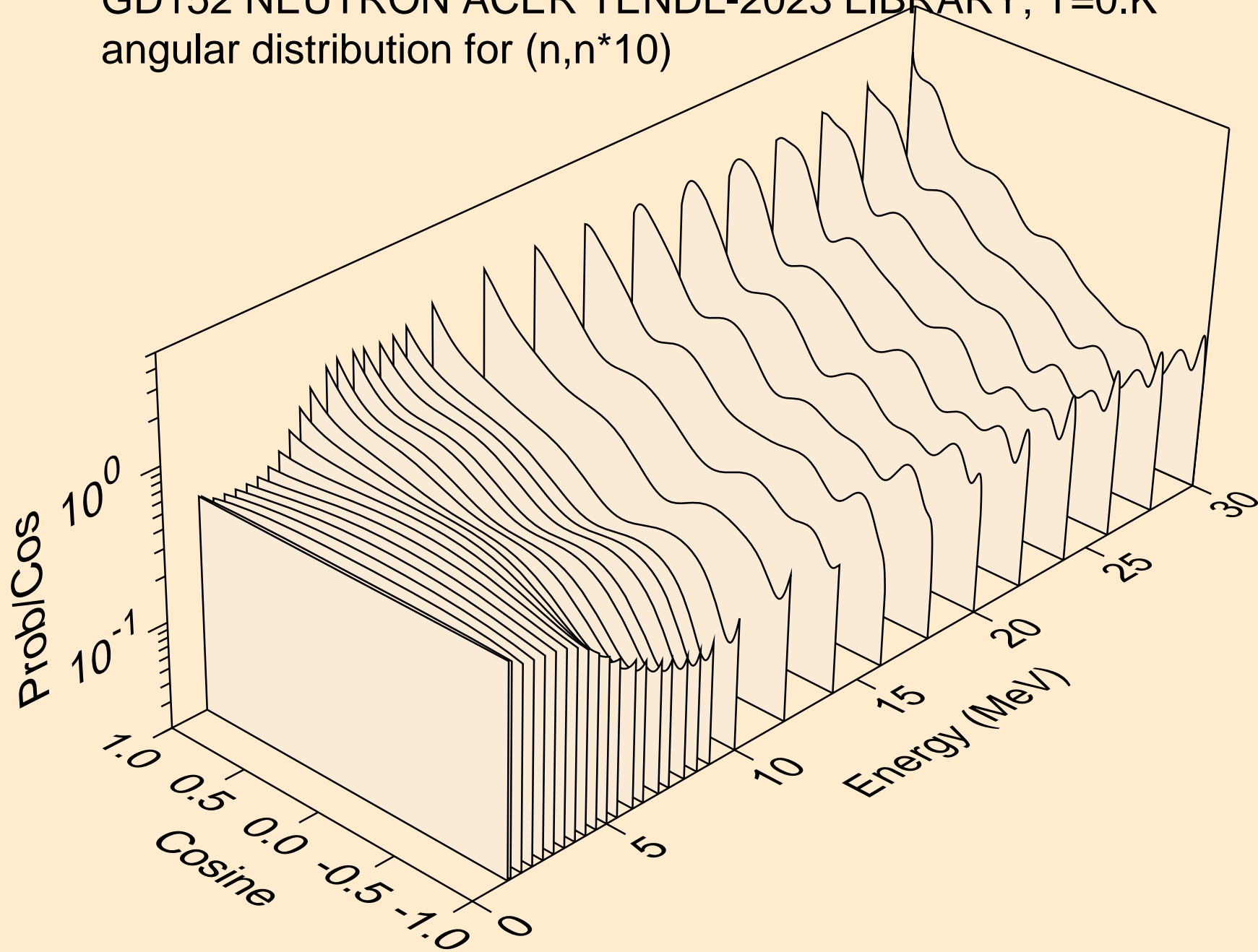
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angular distribution for (n,n*8)



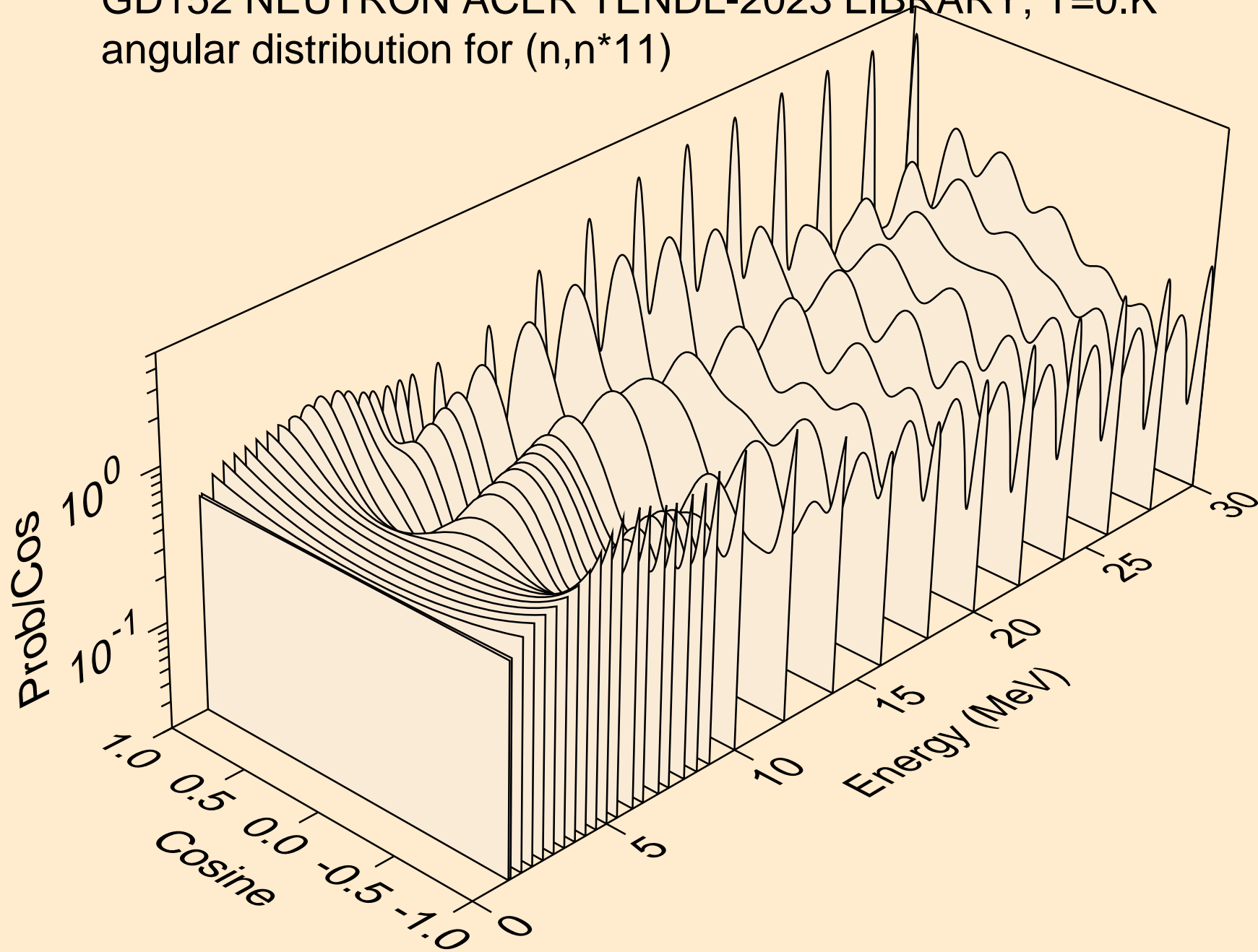
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angular distribution for (n,n*9)



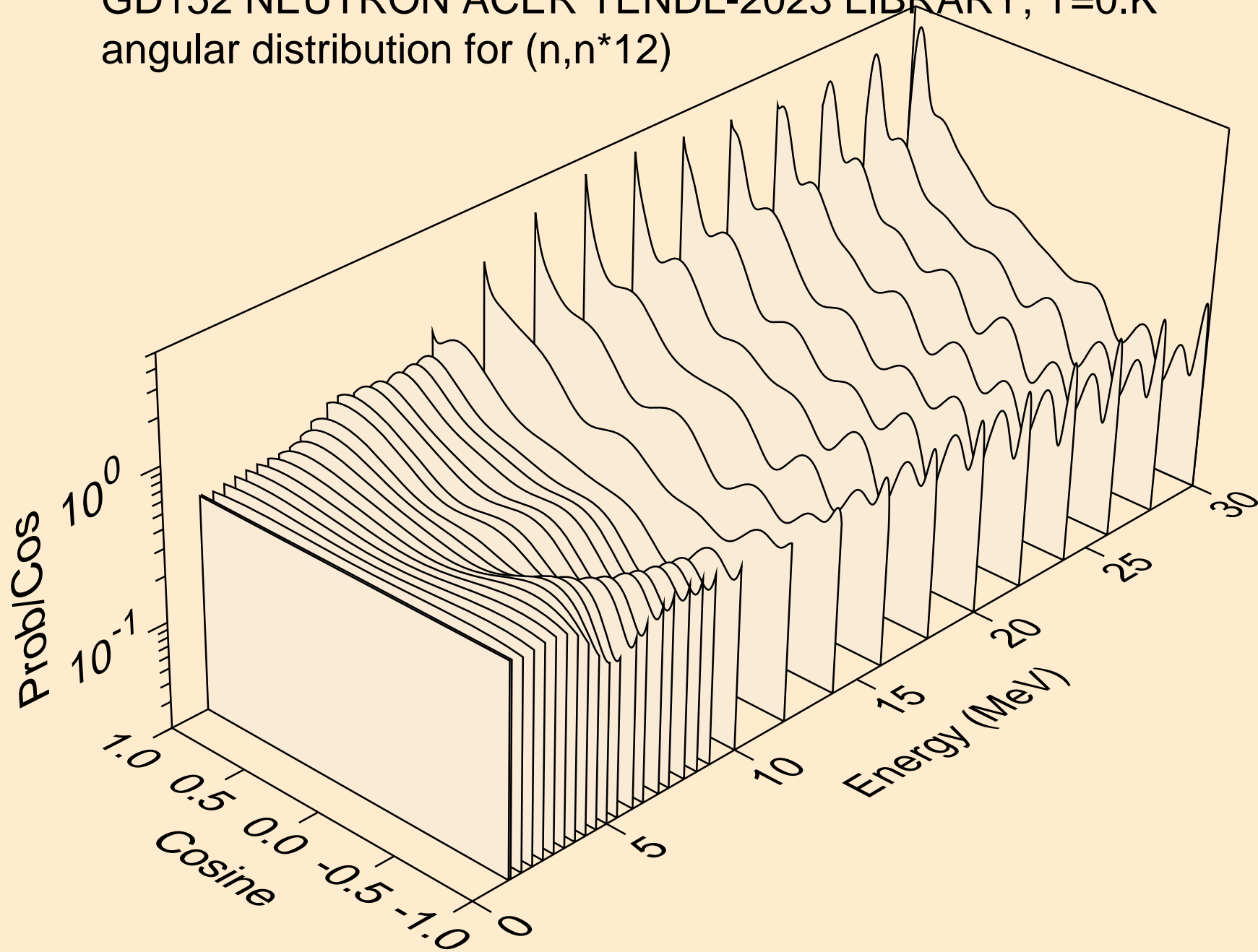
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



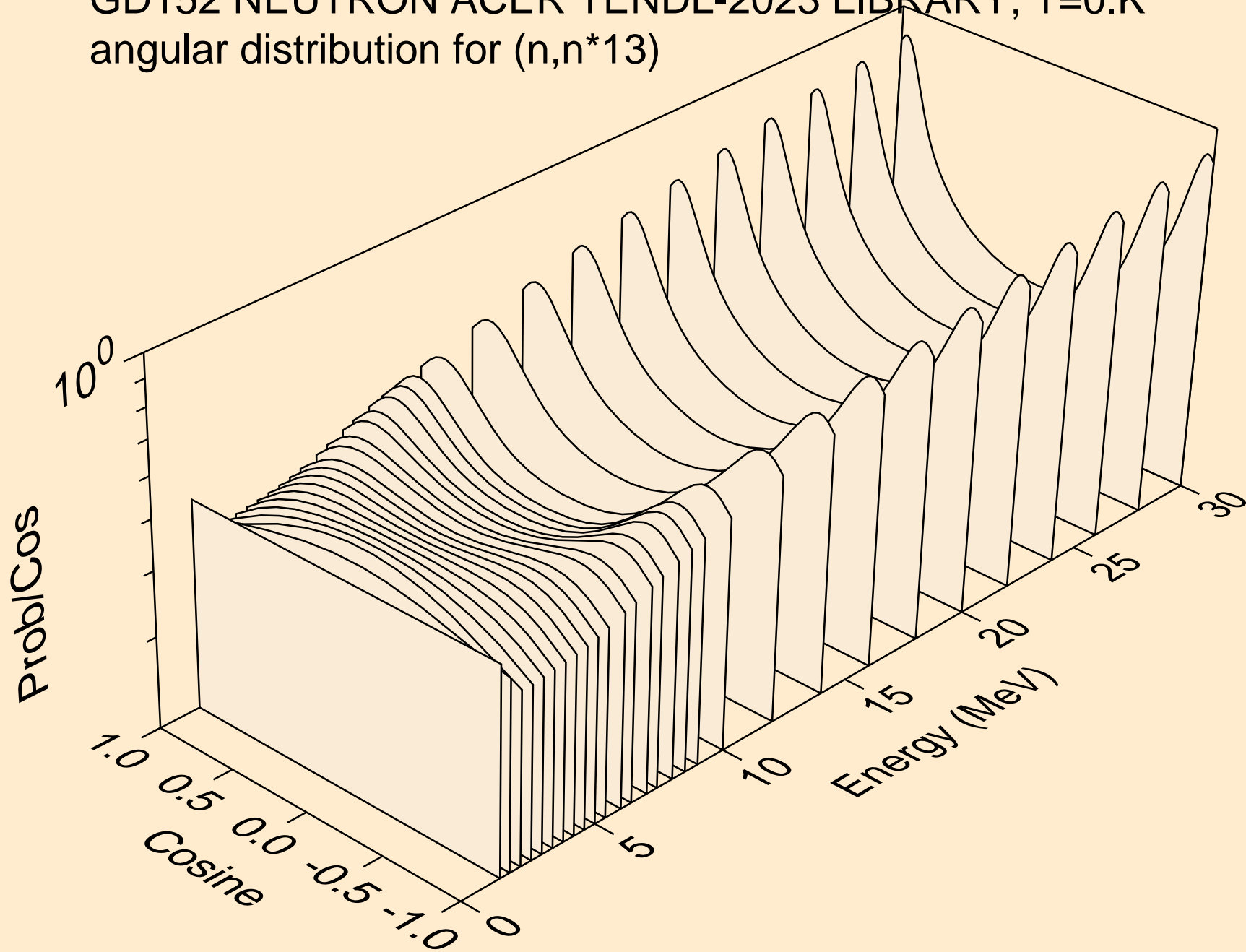
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angular distribution for (n,n*11)



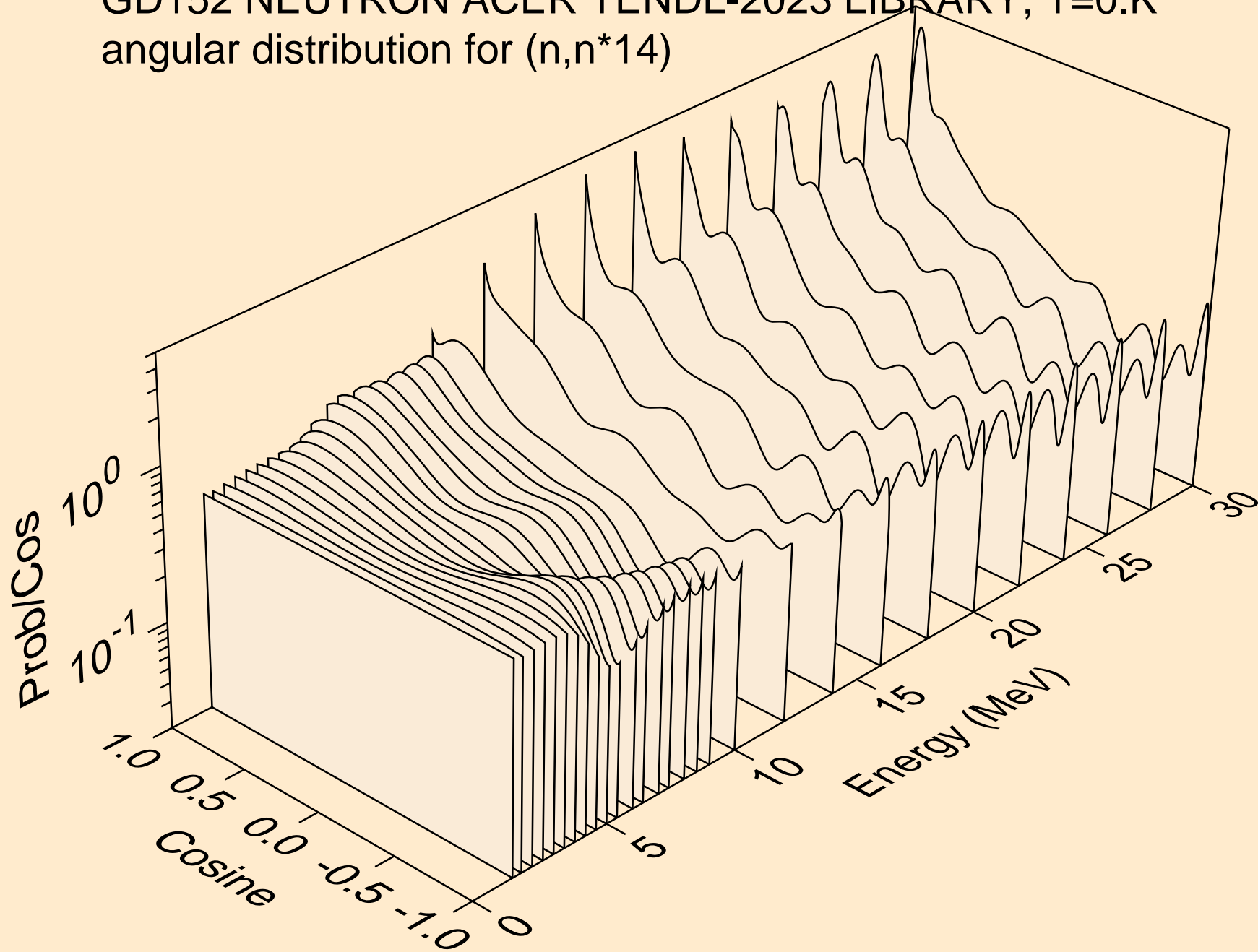
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angular distribution for (n,n*12)



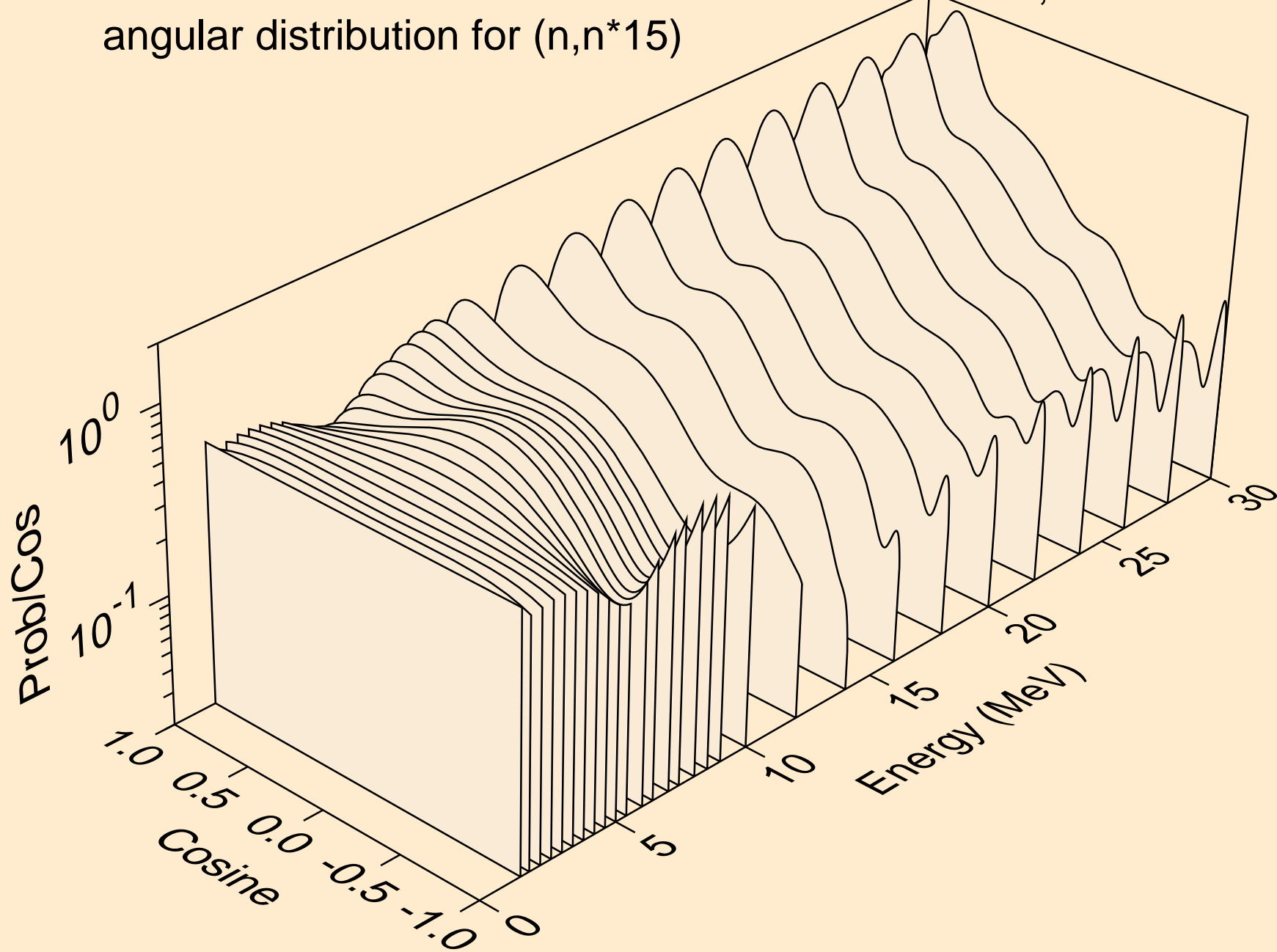
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angular distribution for (n,n*13)



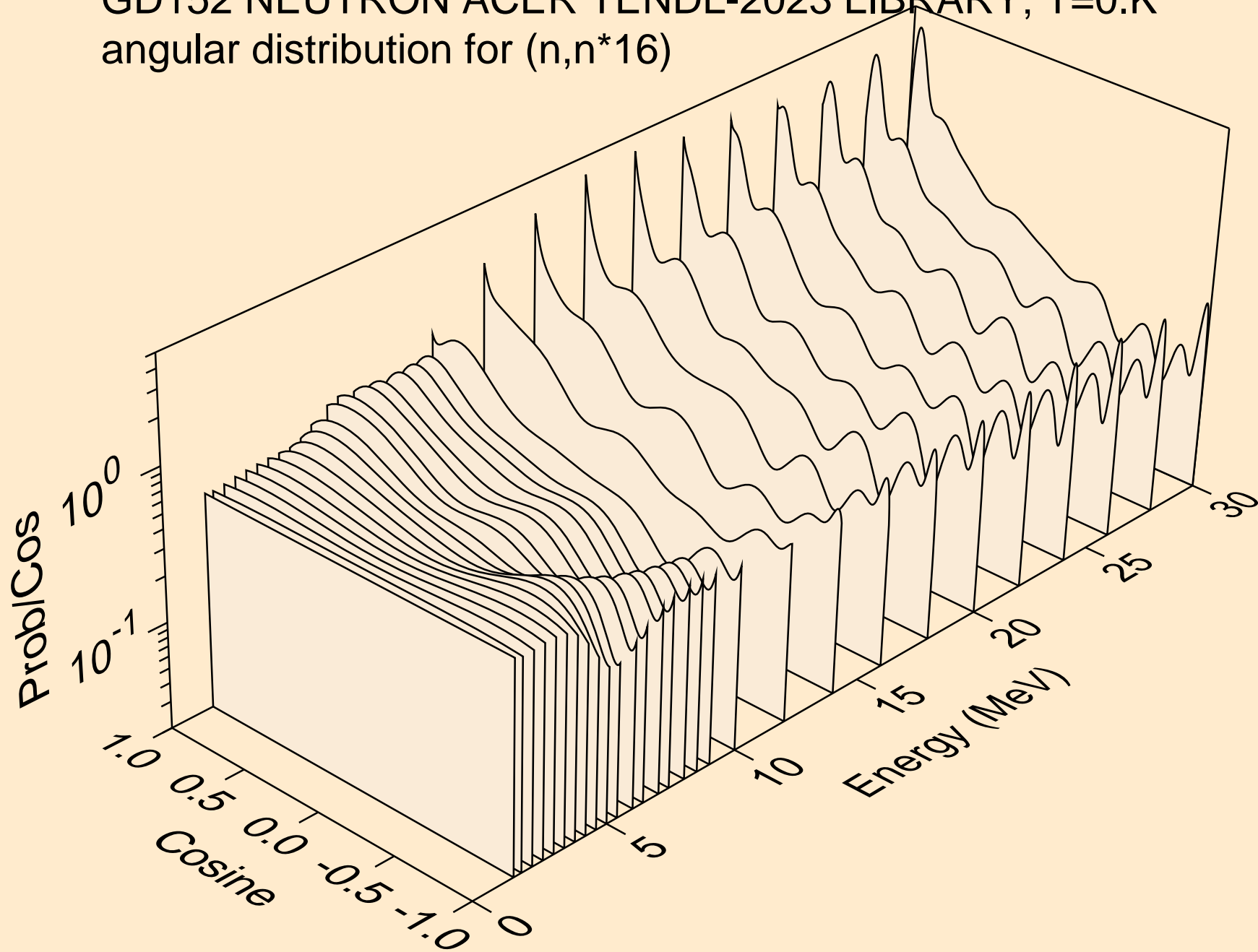
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angular distribution for (n,n*14)



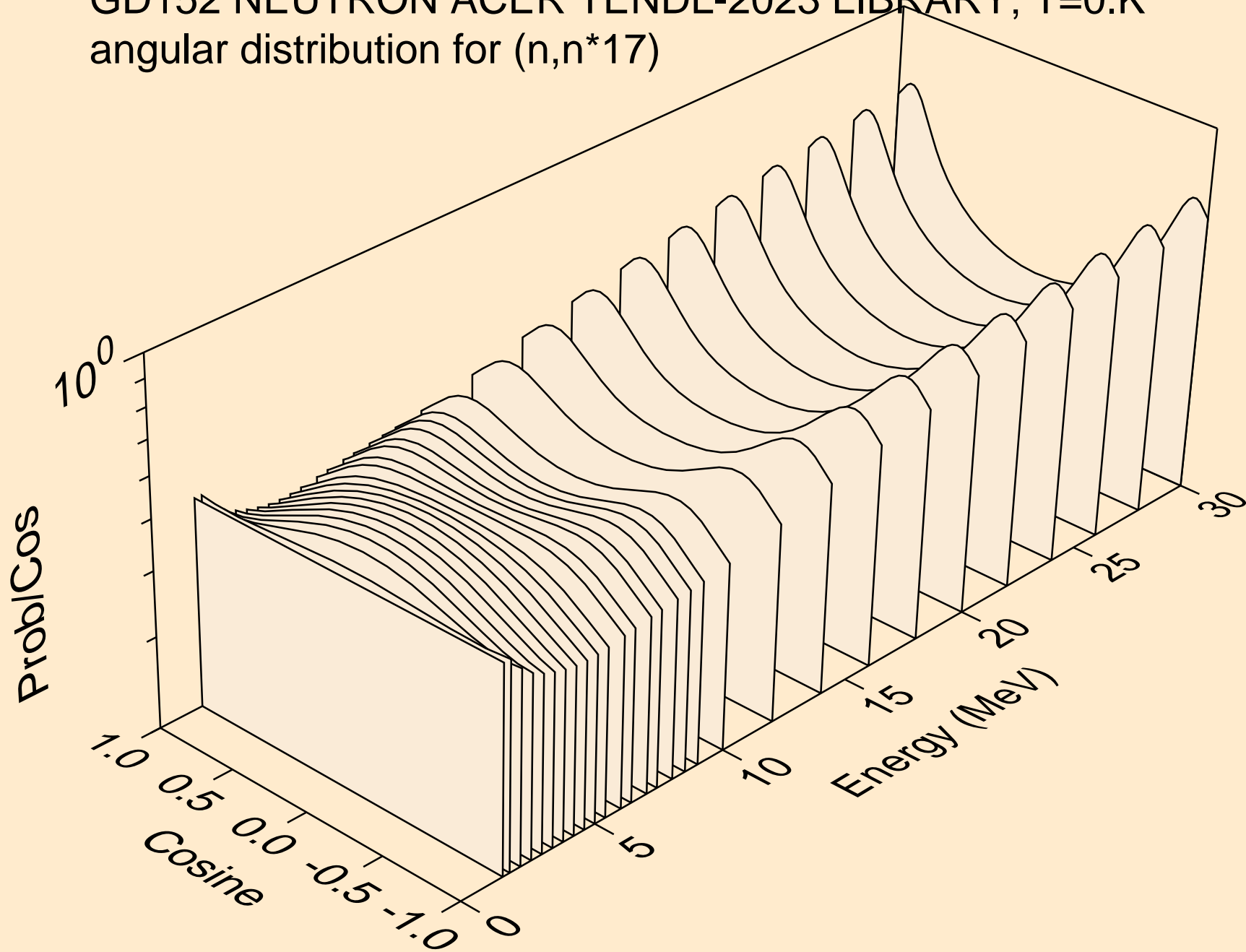
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angular distribution for (n,n*15)



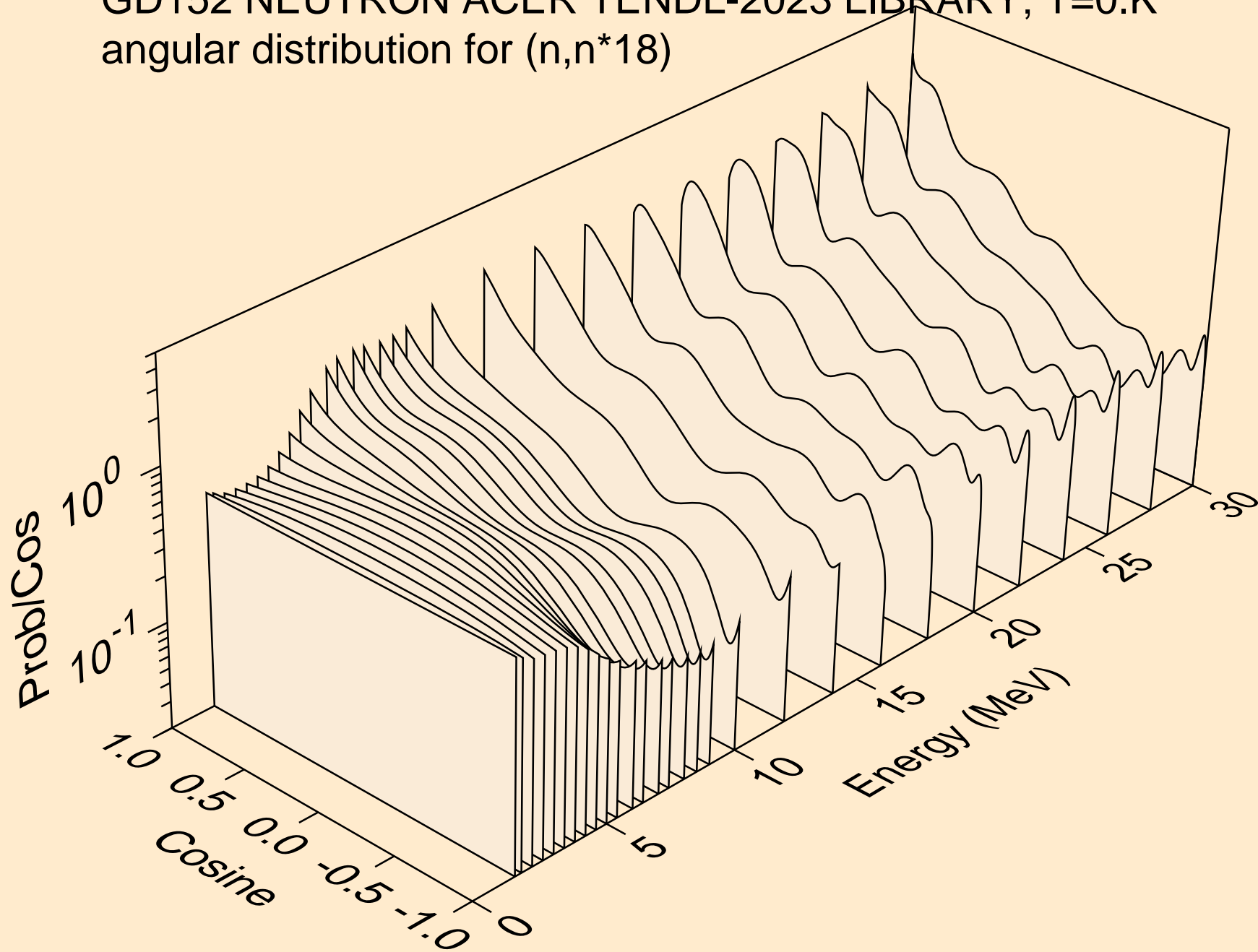
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angular distribution for (n,n*16)



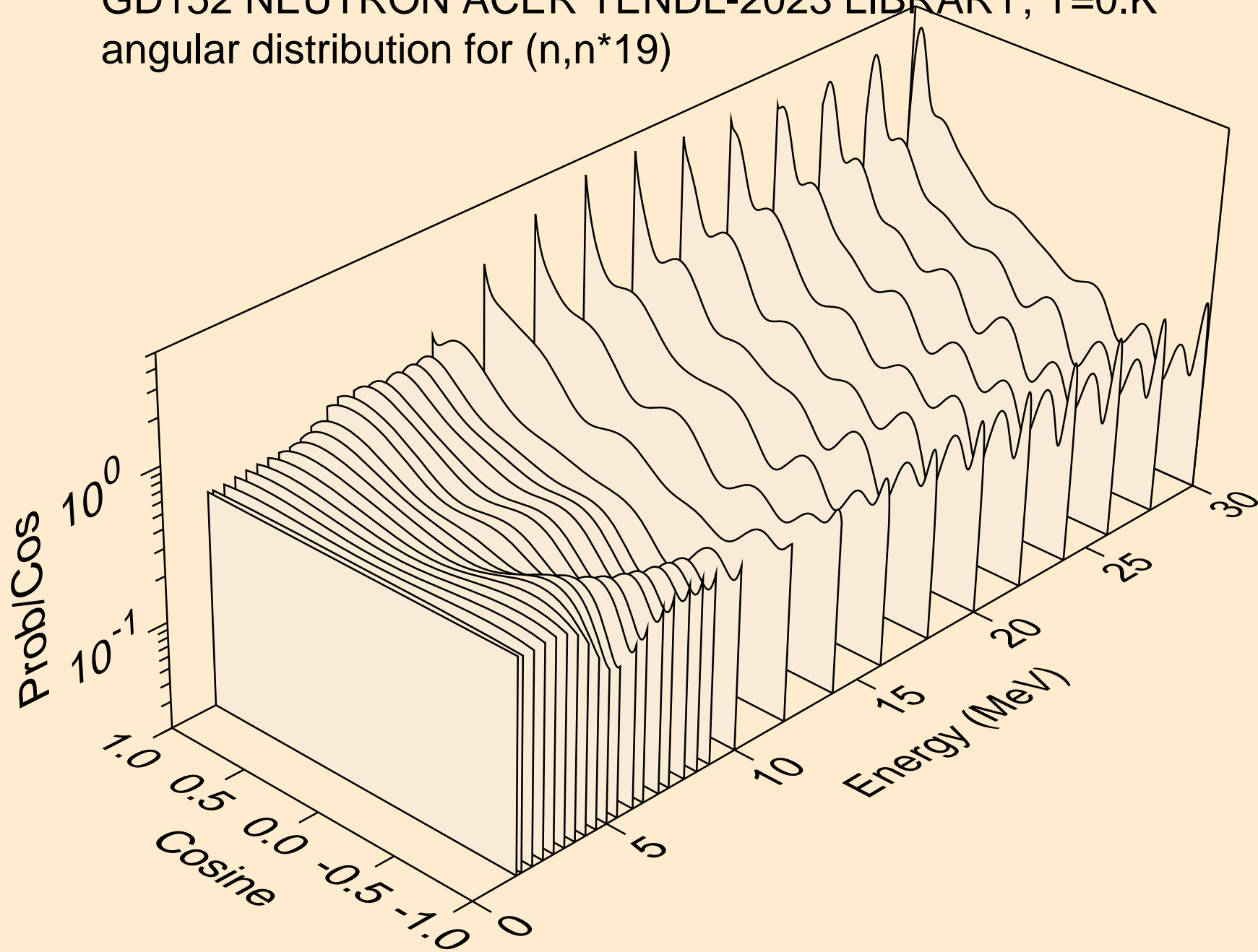
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angular distribution for (n,n*17)



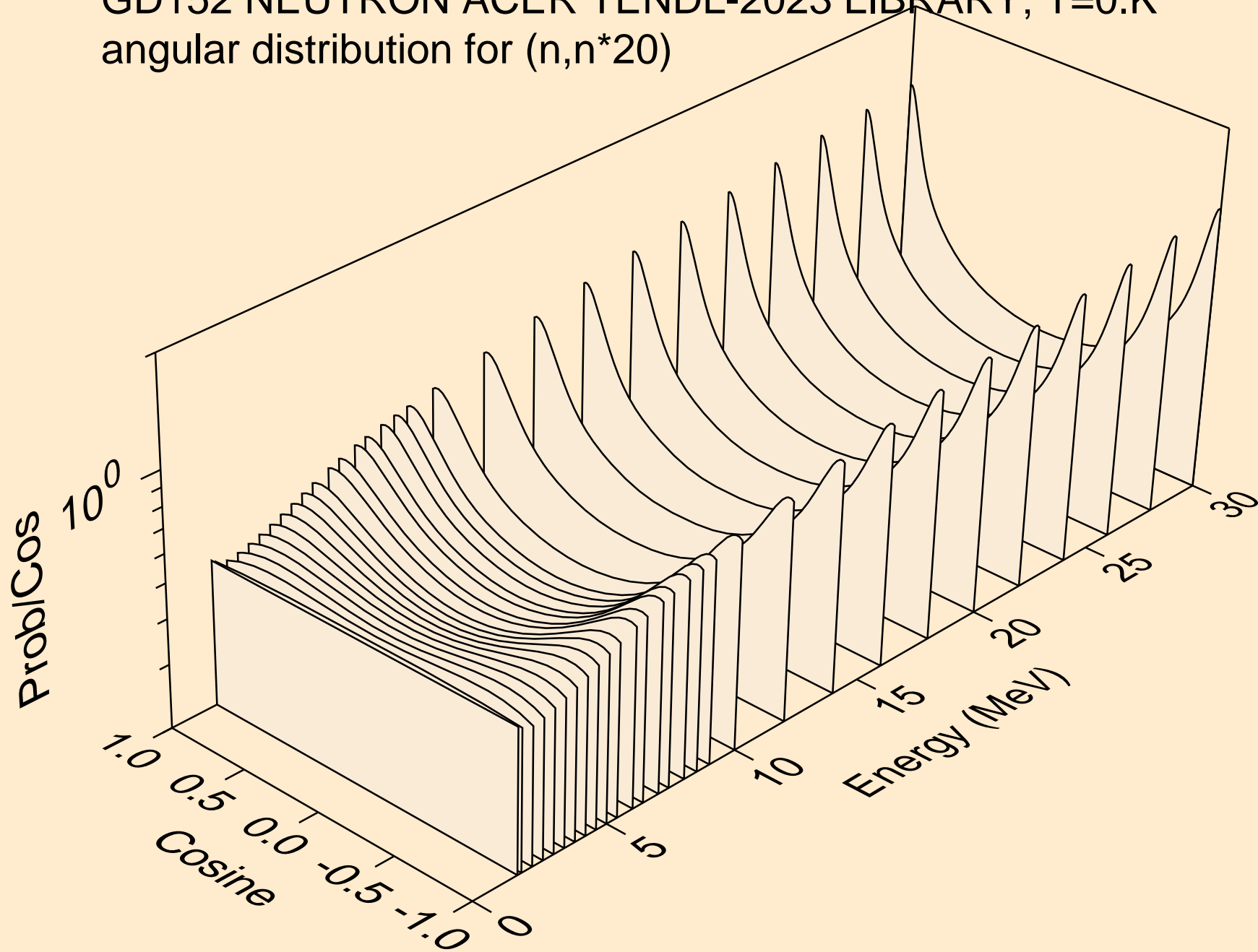
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angular distribution for (n,n*18)



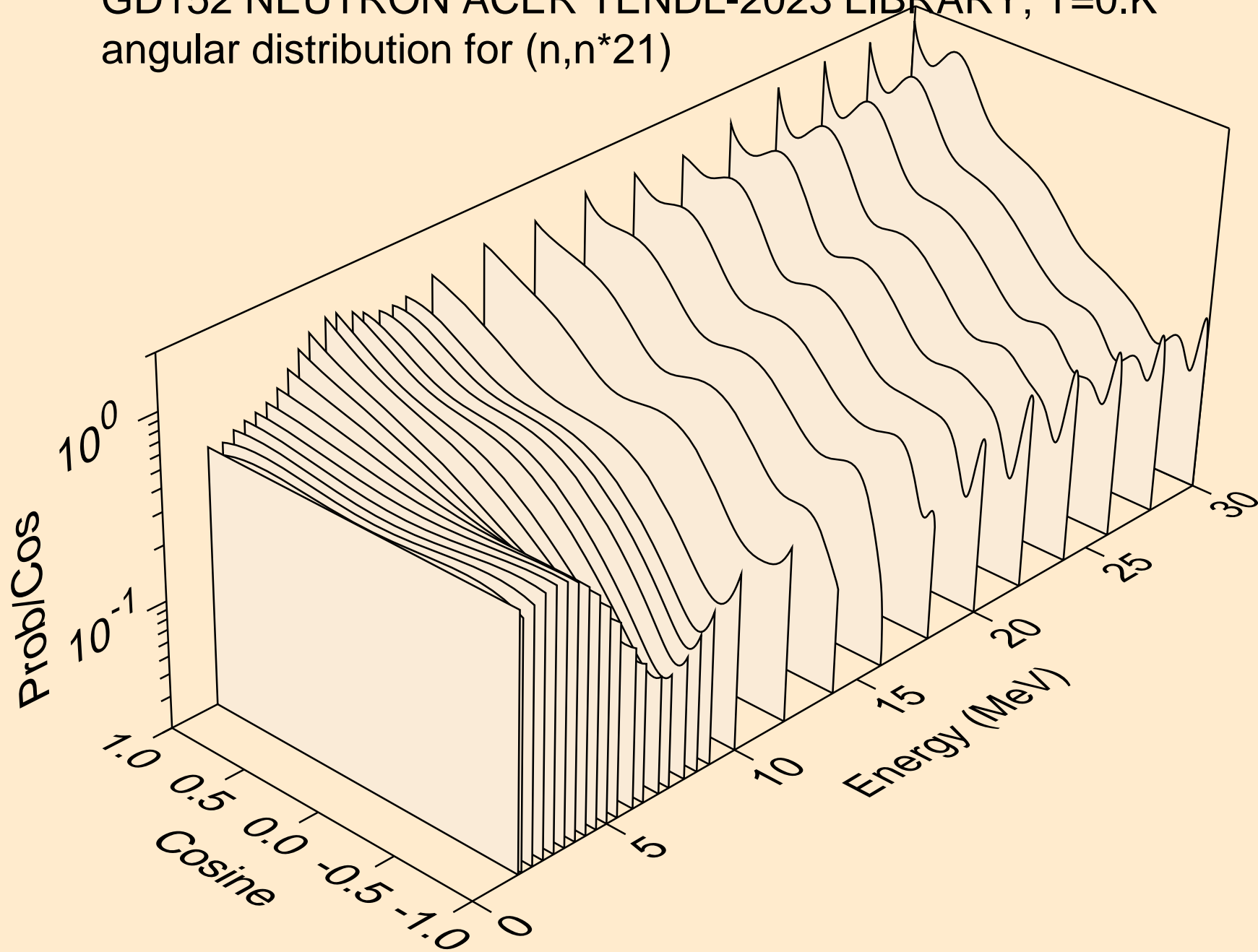
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angular distribution for (n,n*19)



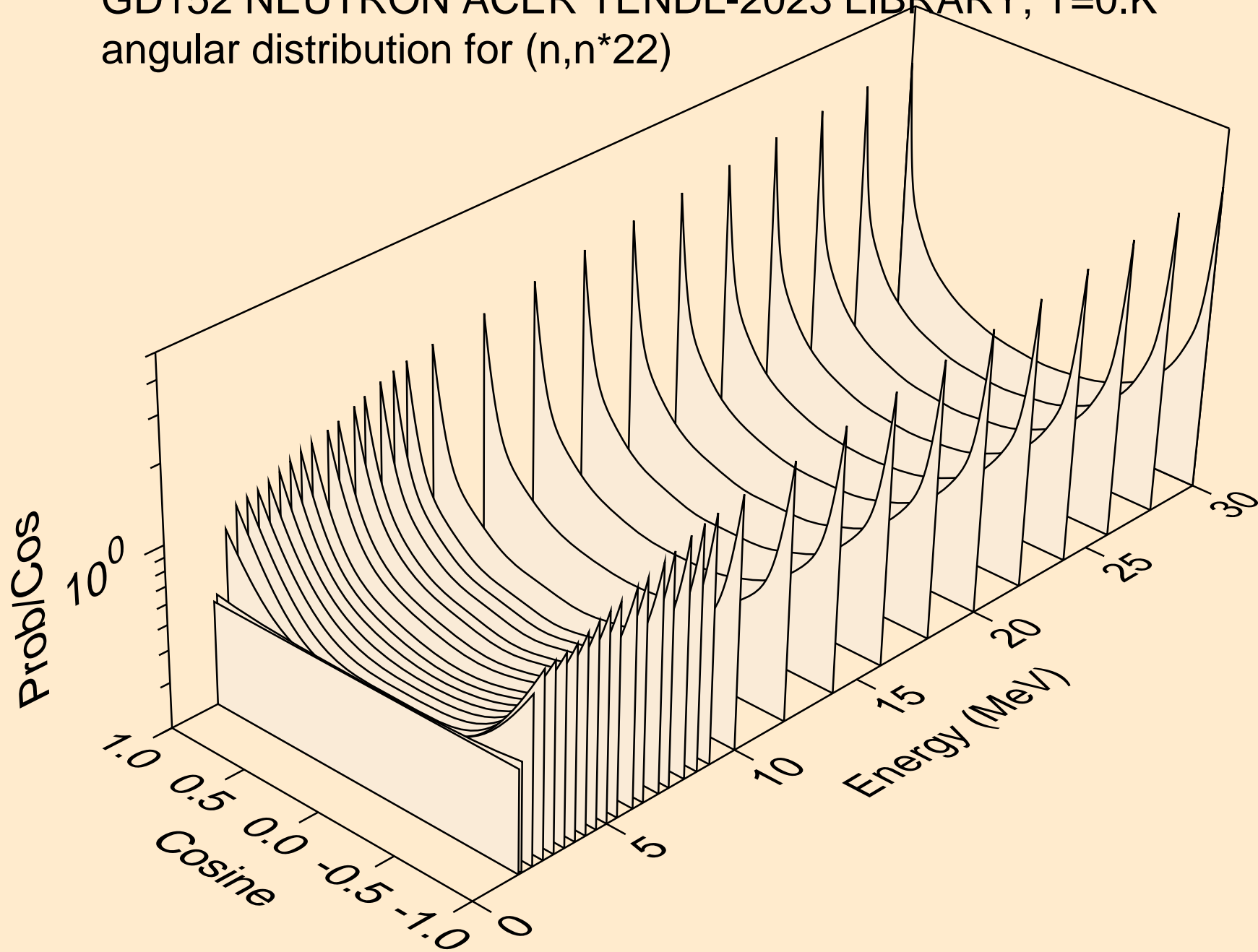
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angular distribution for (n,n*20)



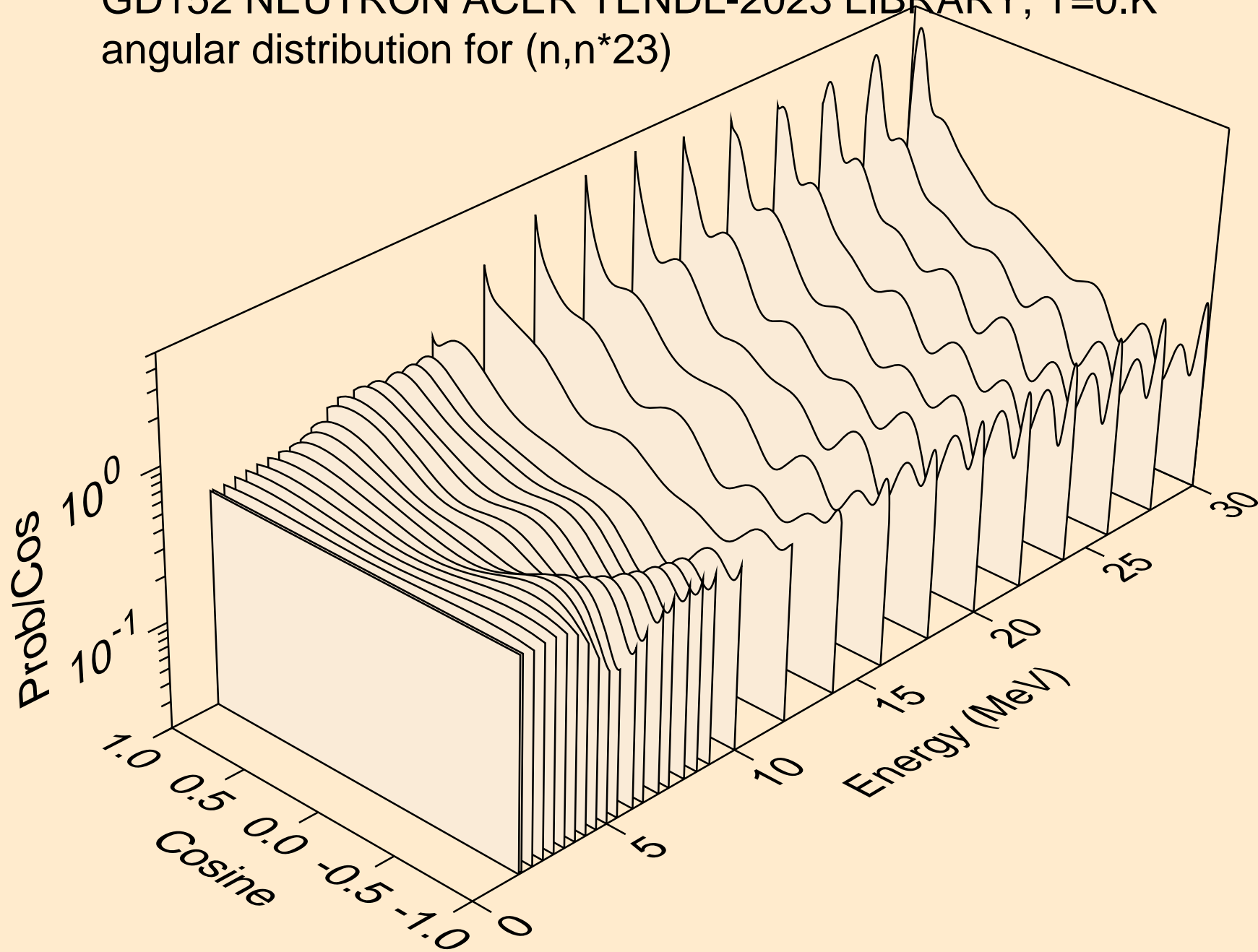
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angular distribution for (n,n*21)



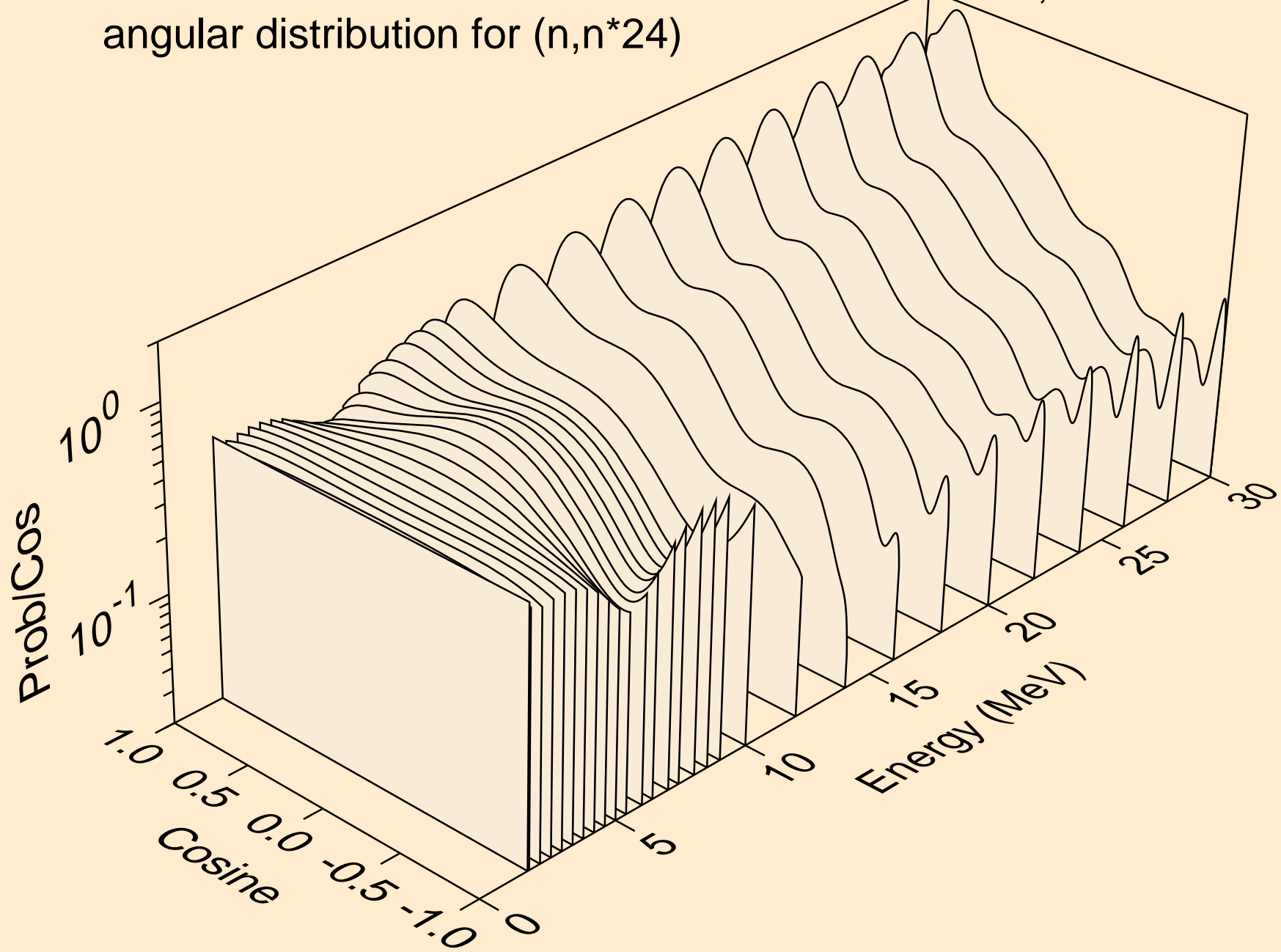
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angular distribution for (n,n*22)



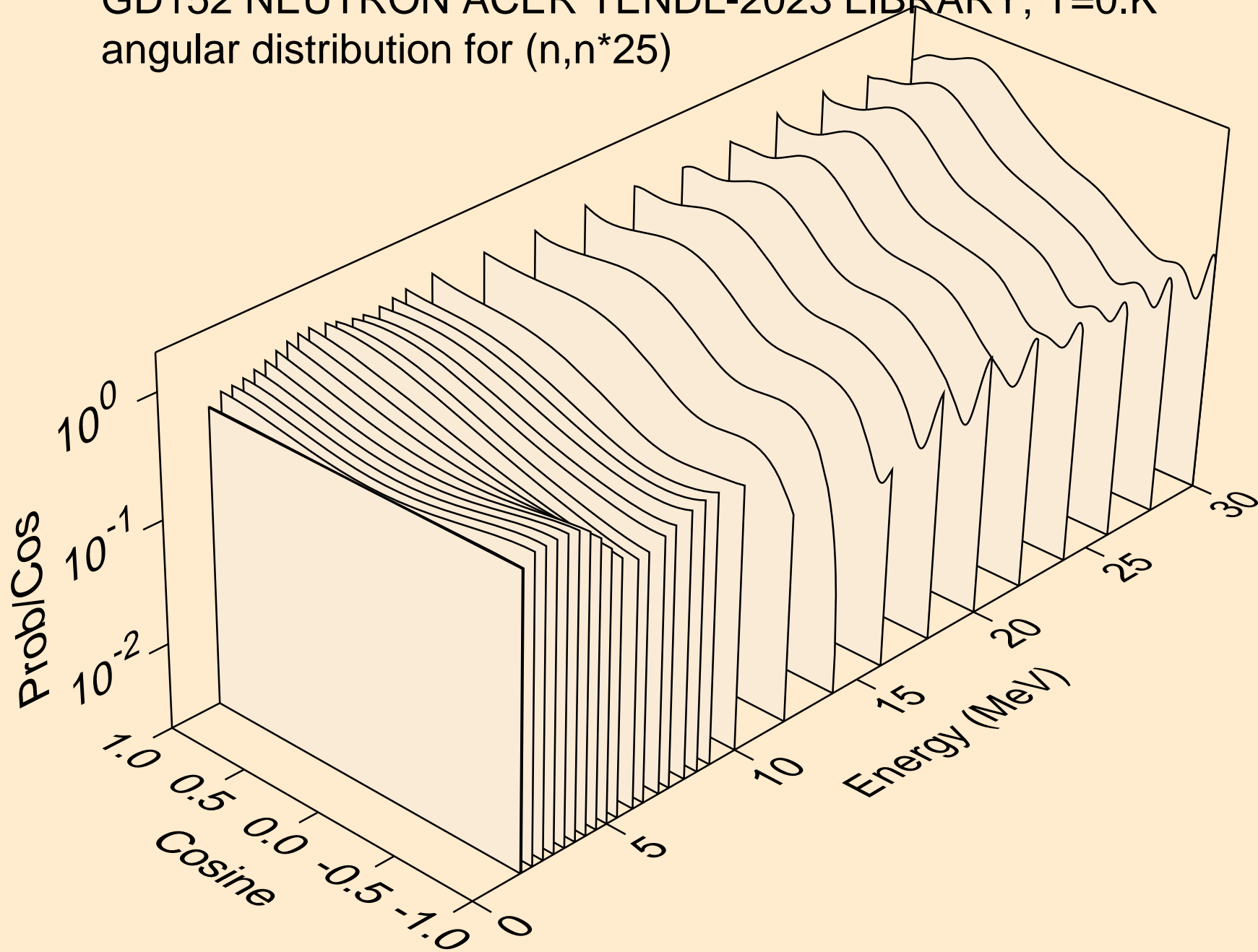
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angular distribution for (n,n*23)



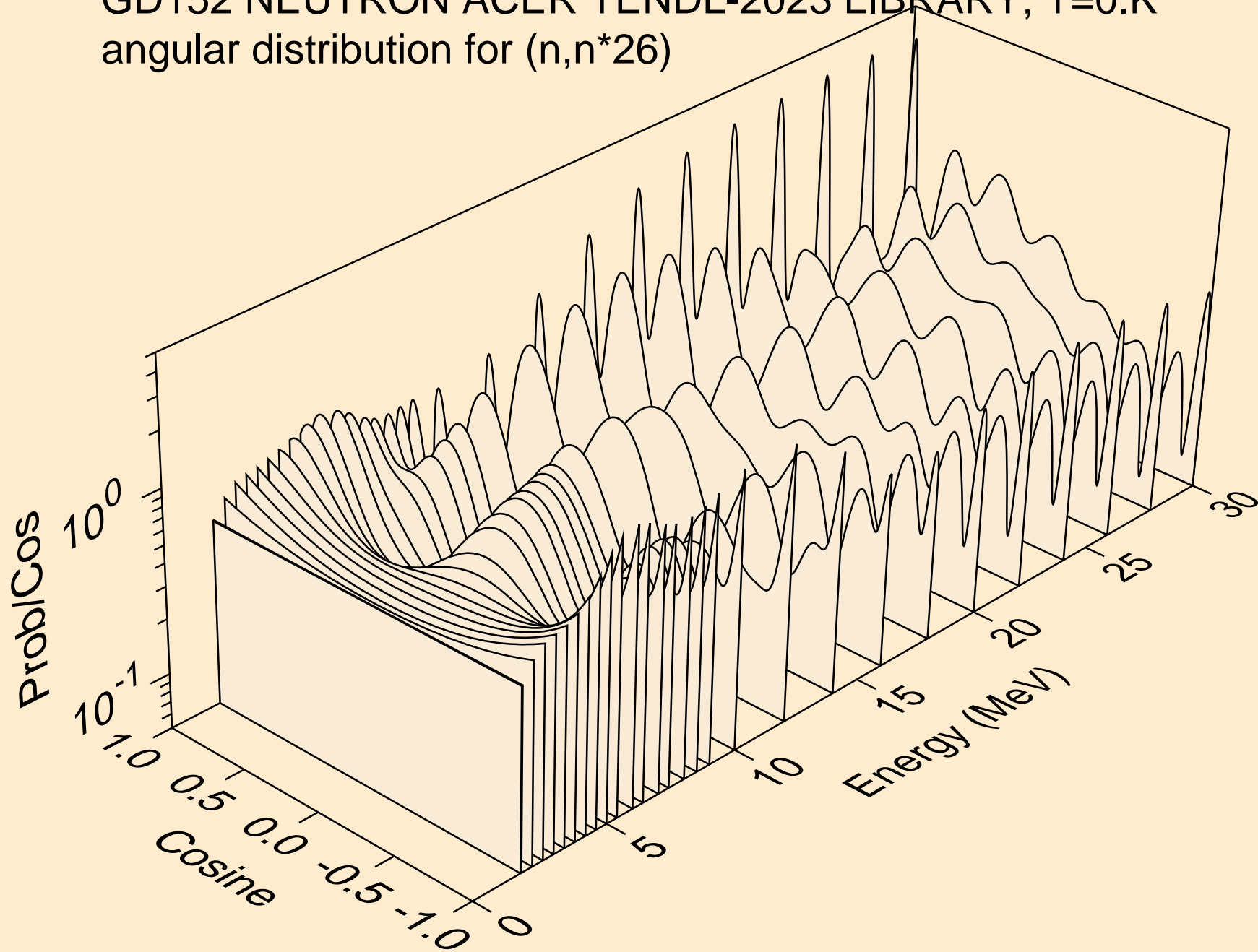
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angular distribution for (n,n*24)



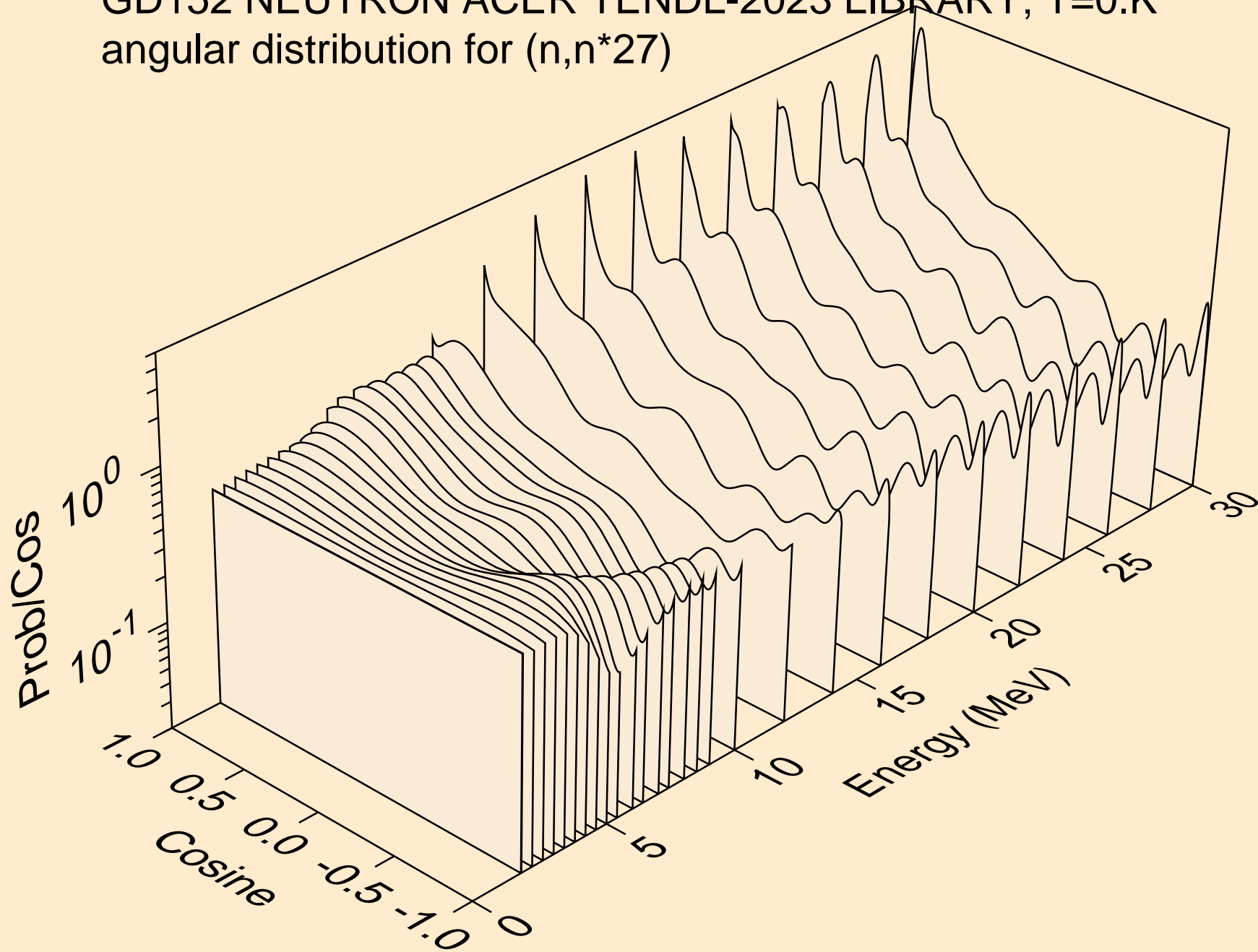
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angular distribution for (n,n*25)



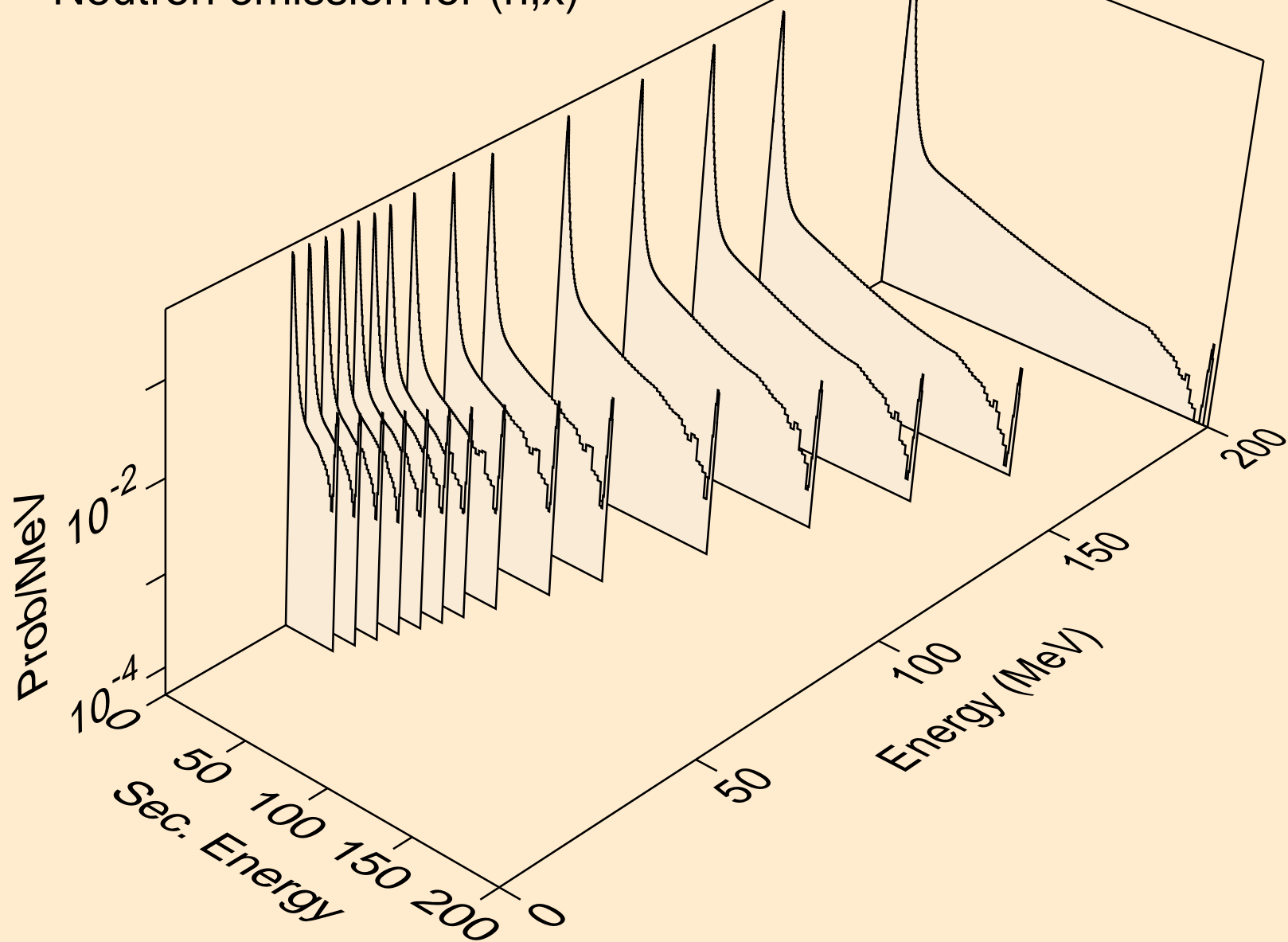
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angular distribution for (n,n*26)



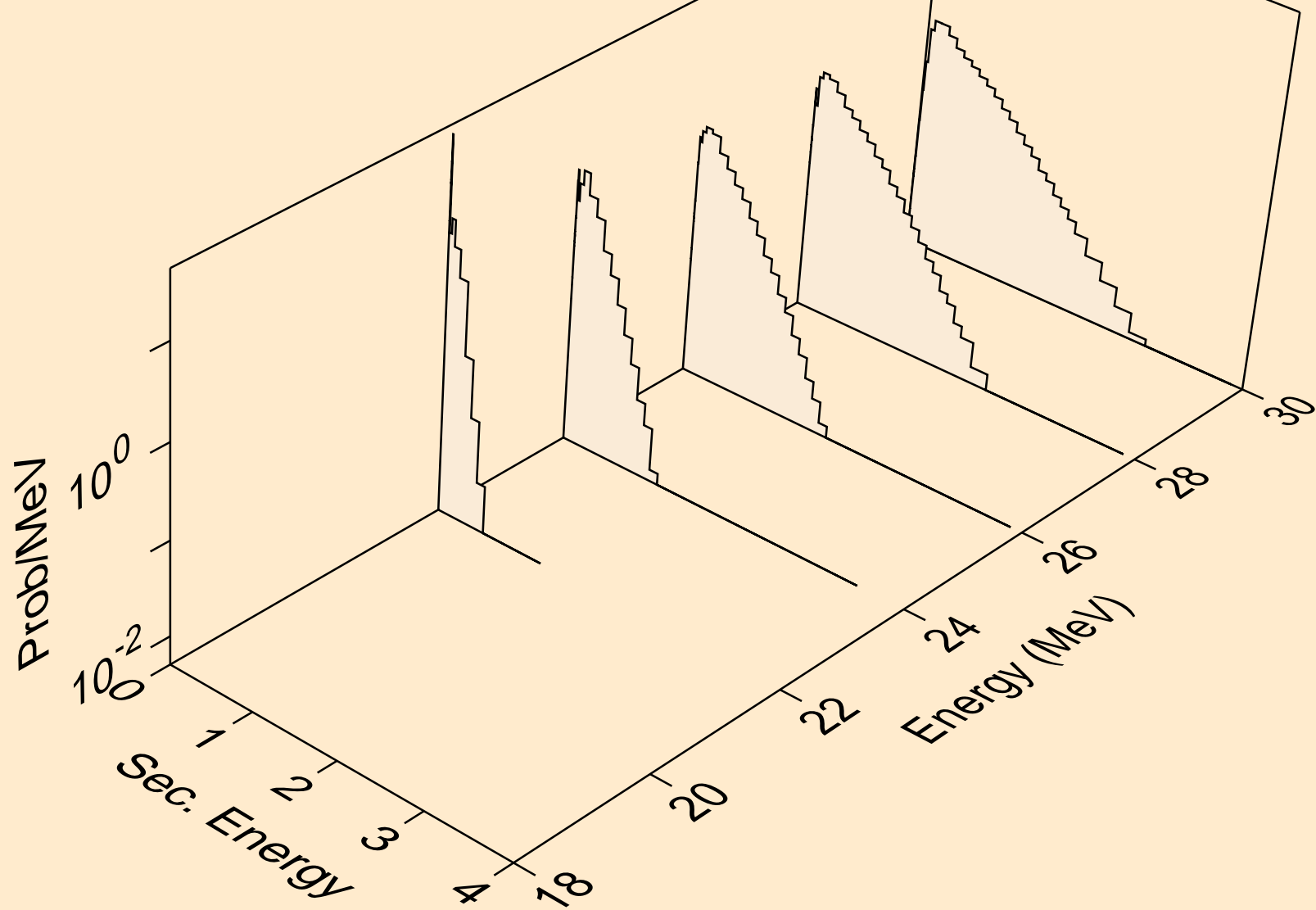
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*27)



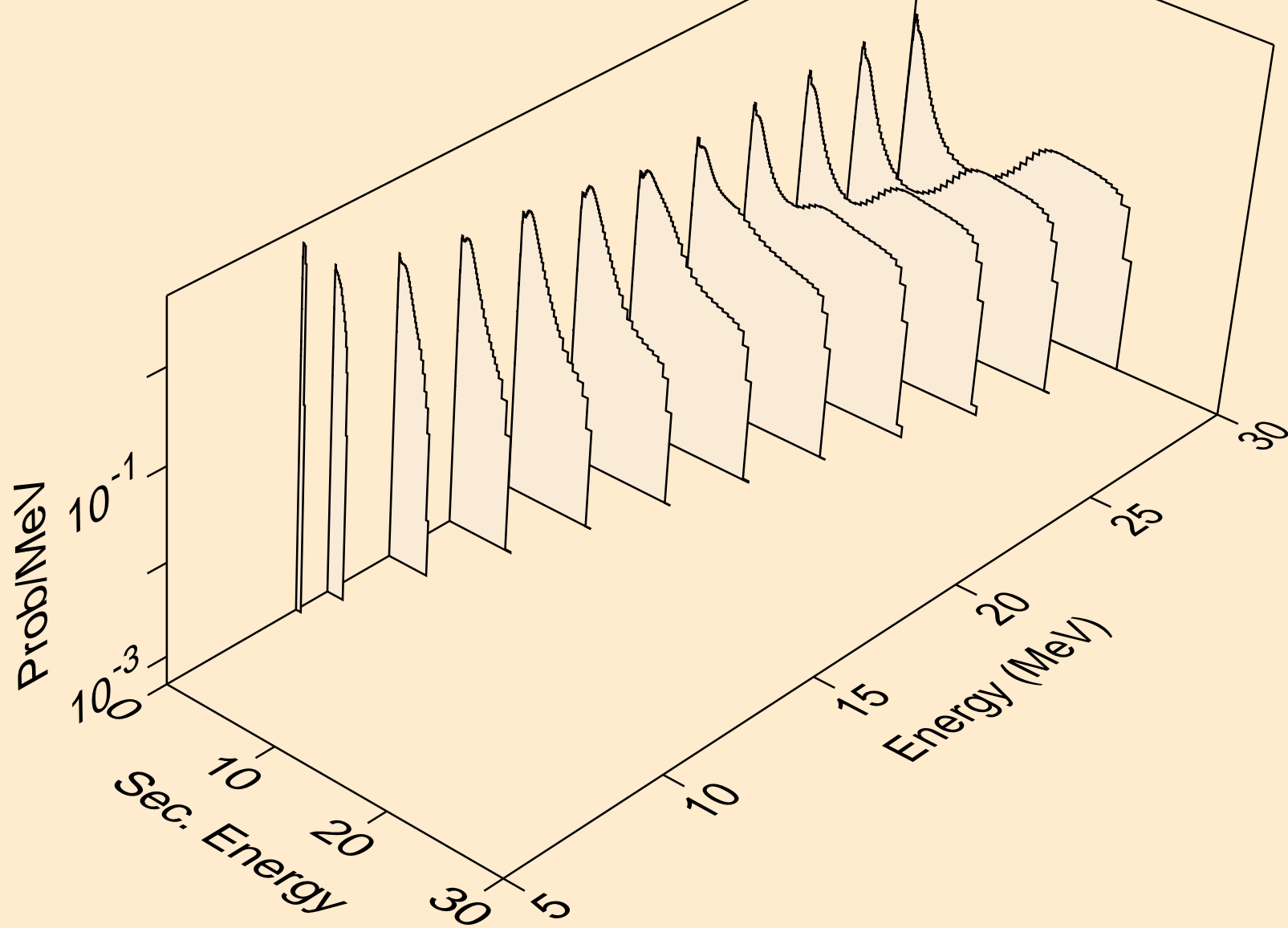
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



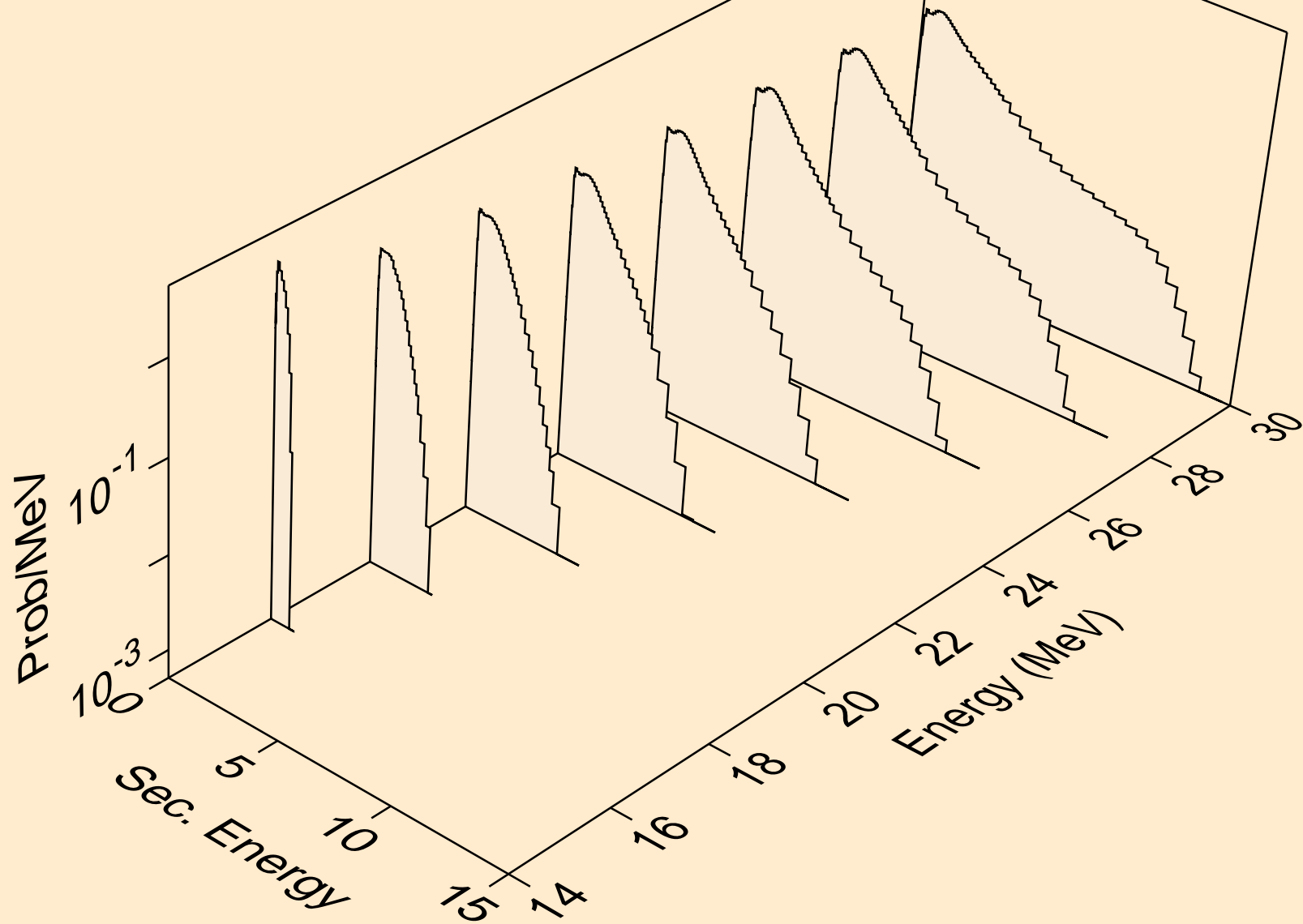
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



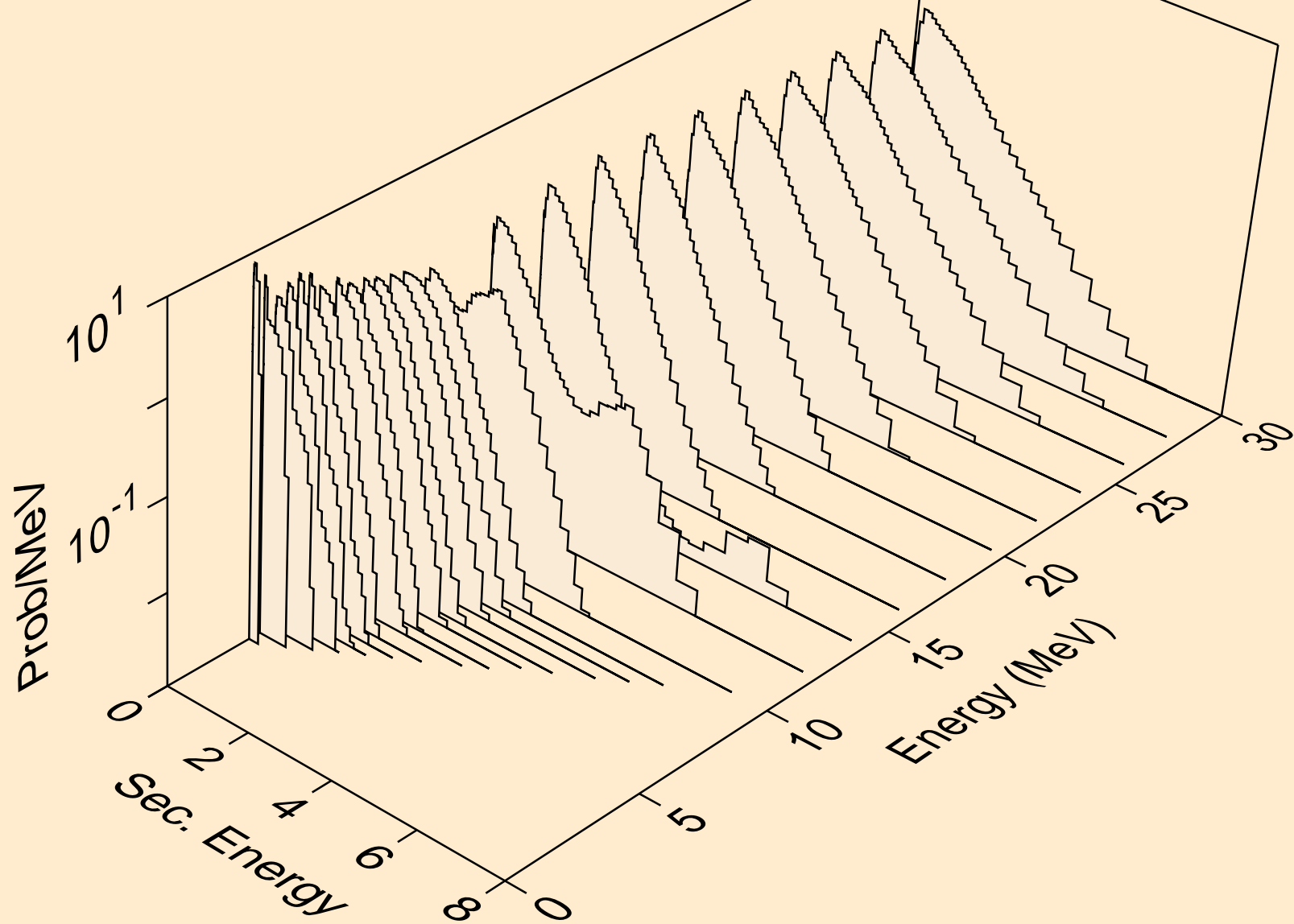
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



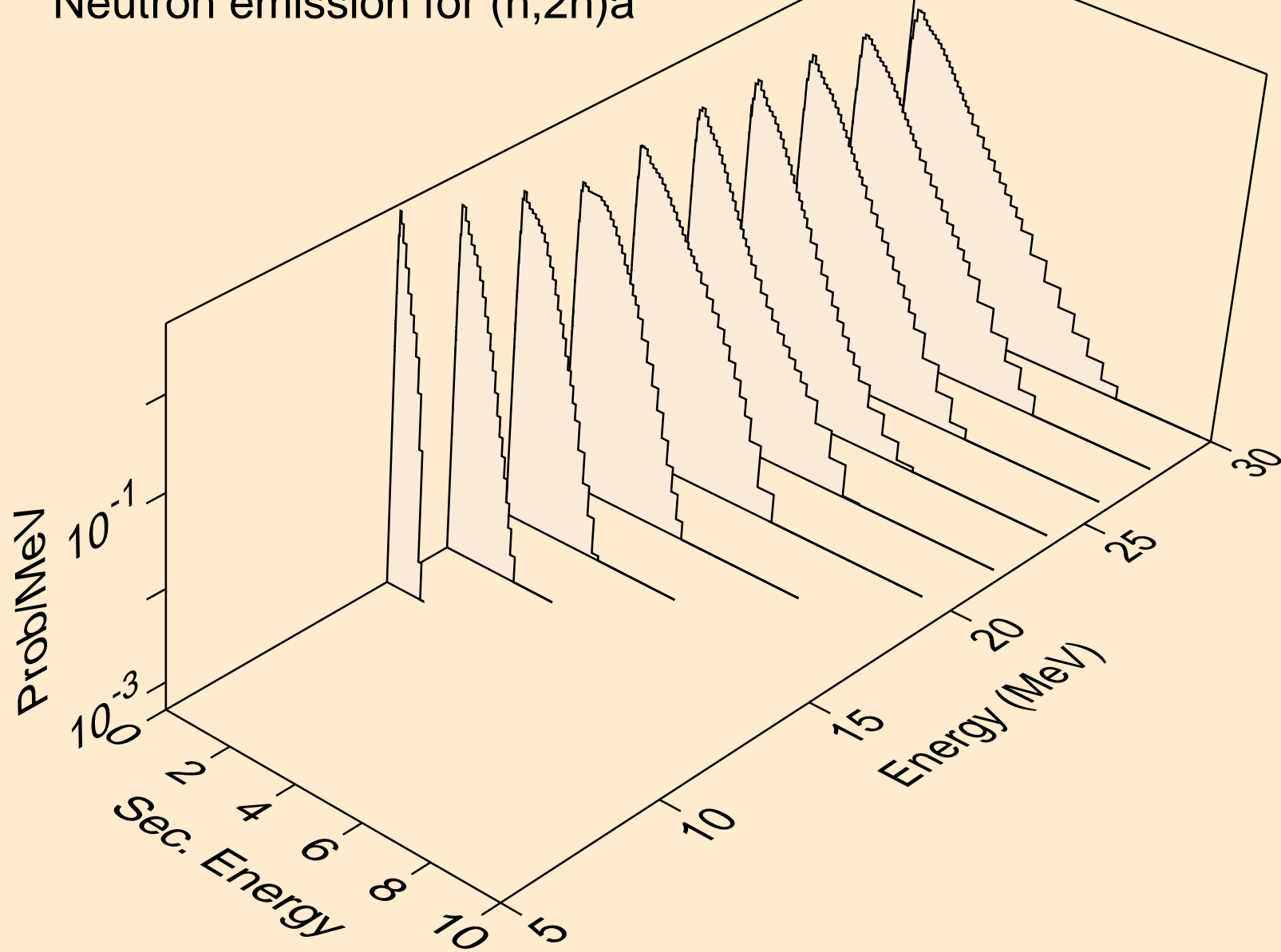
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



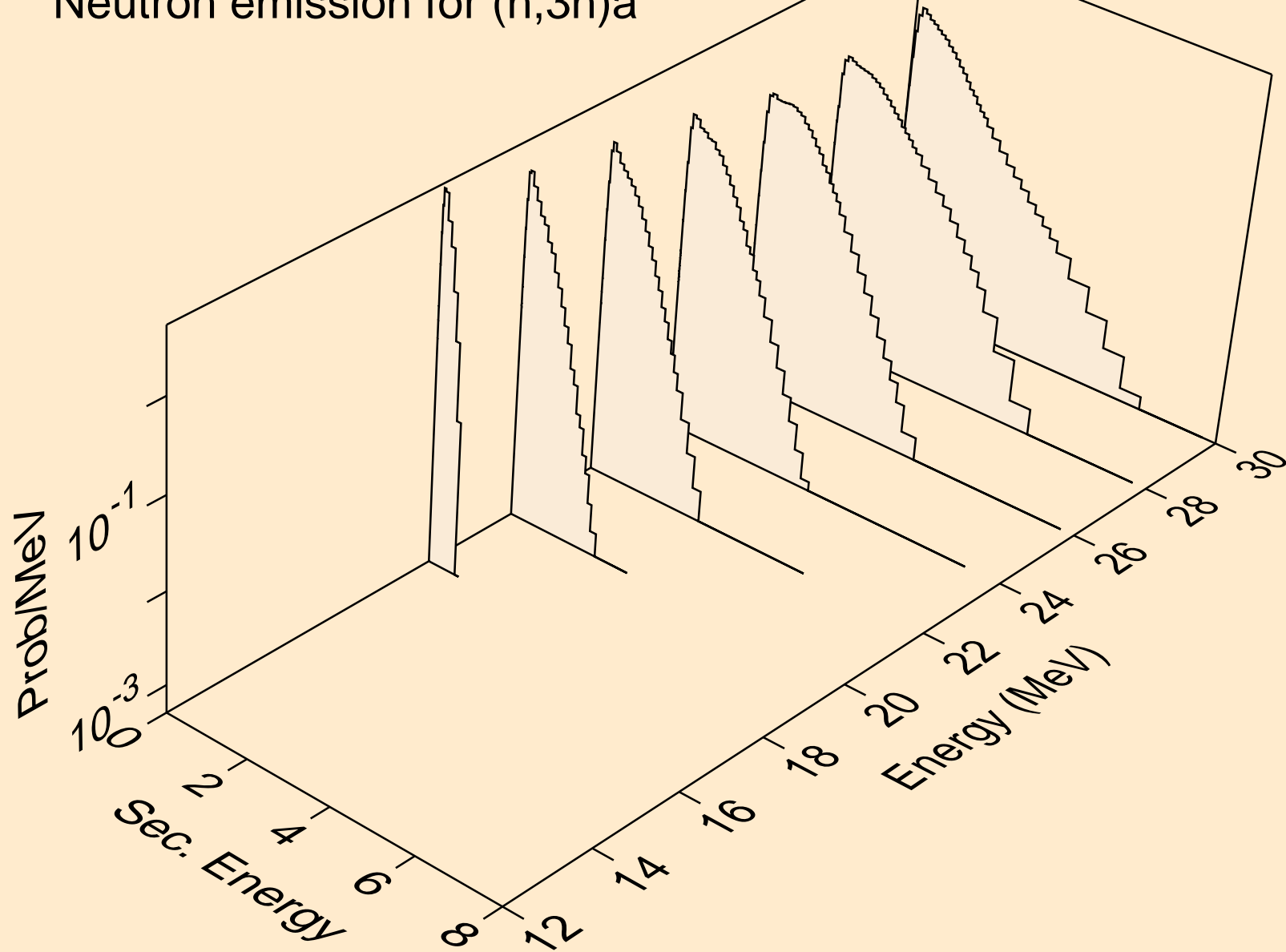
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



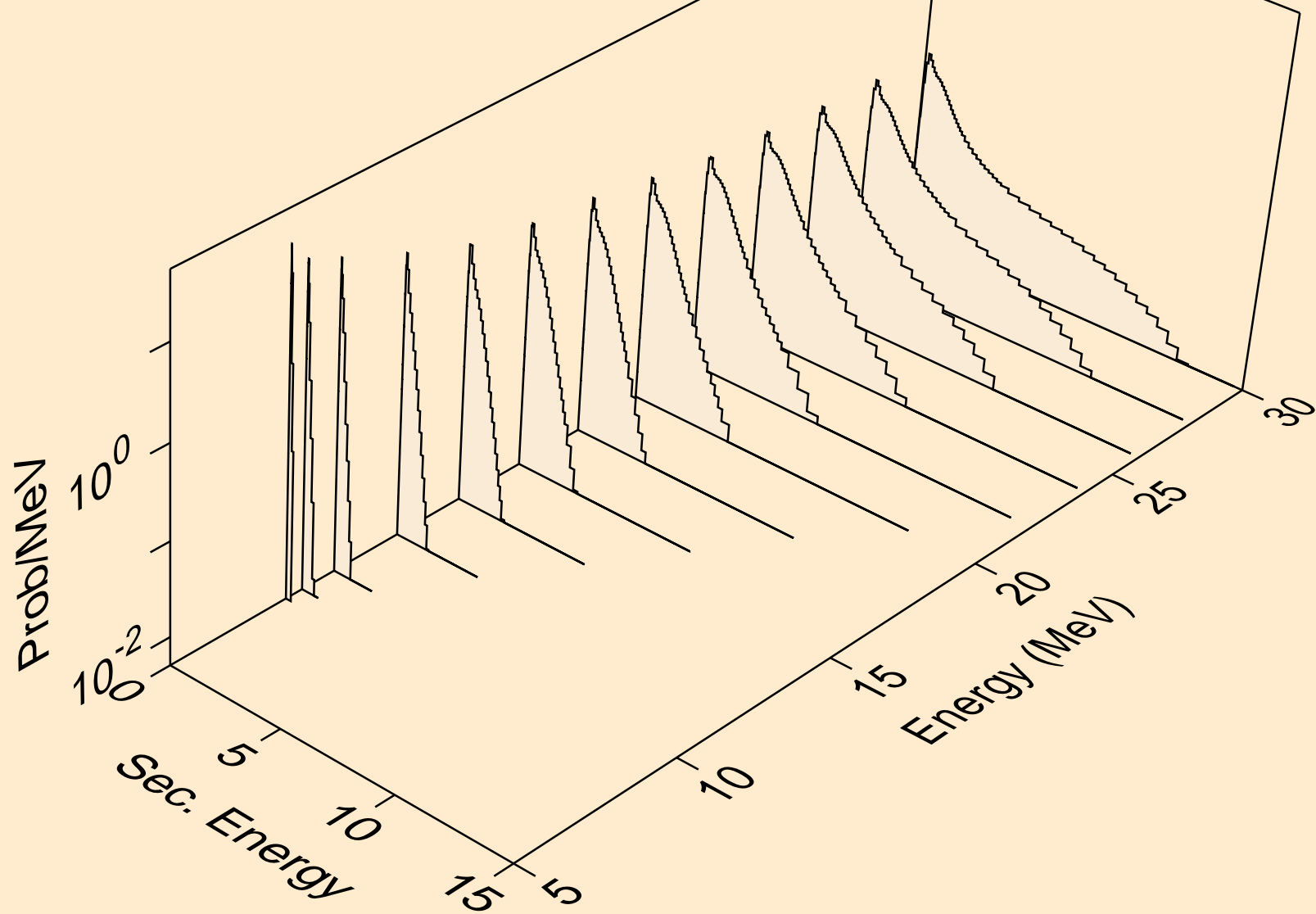
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



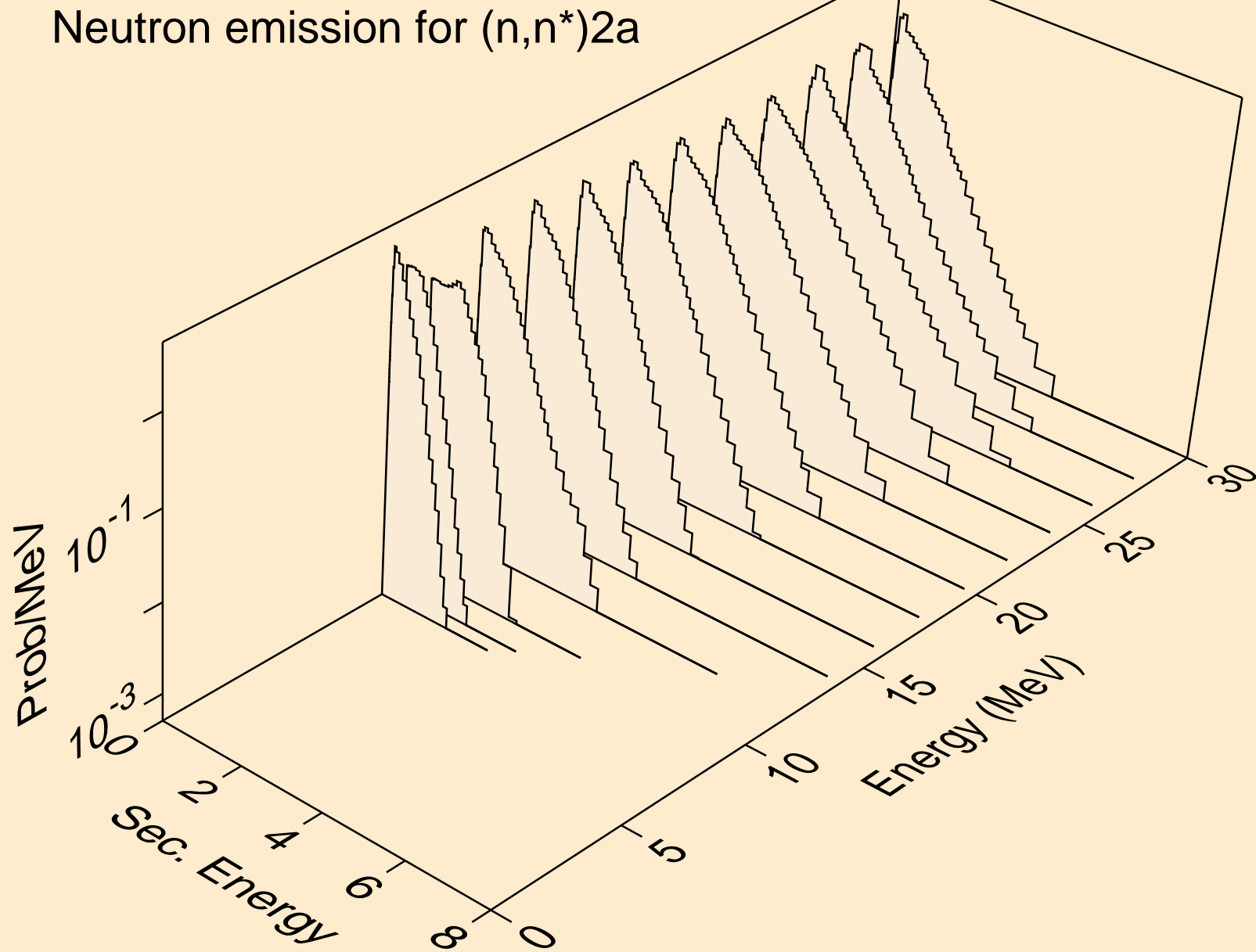
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



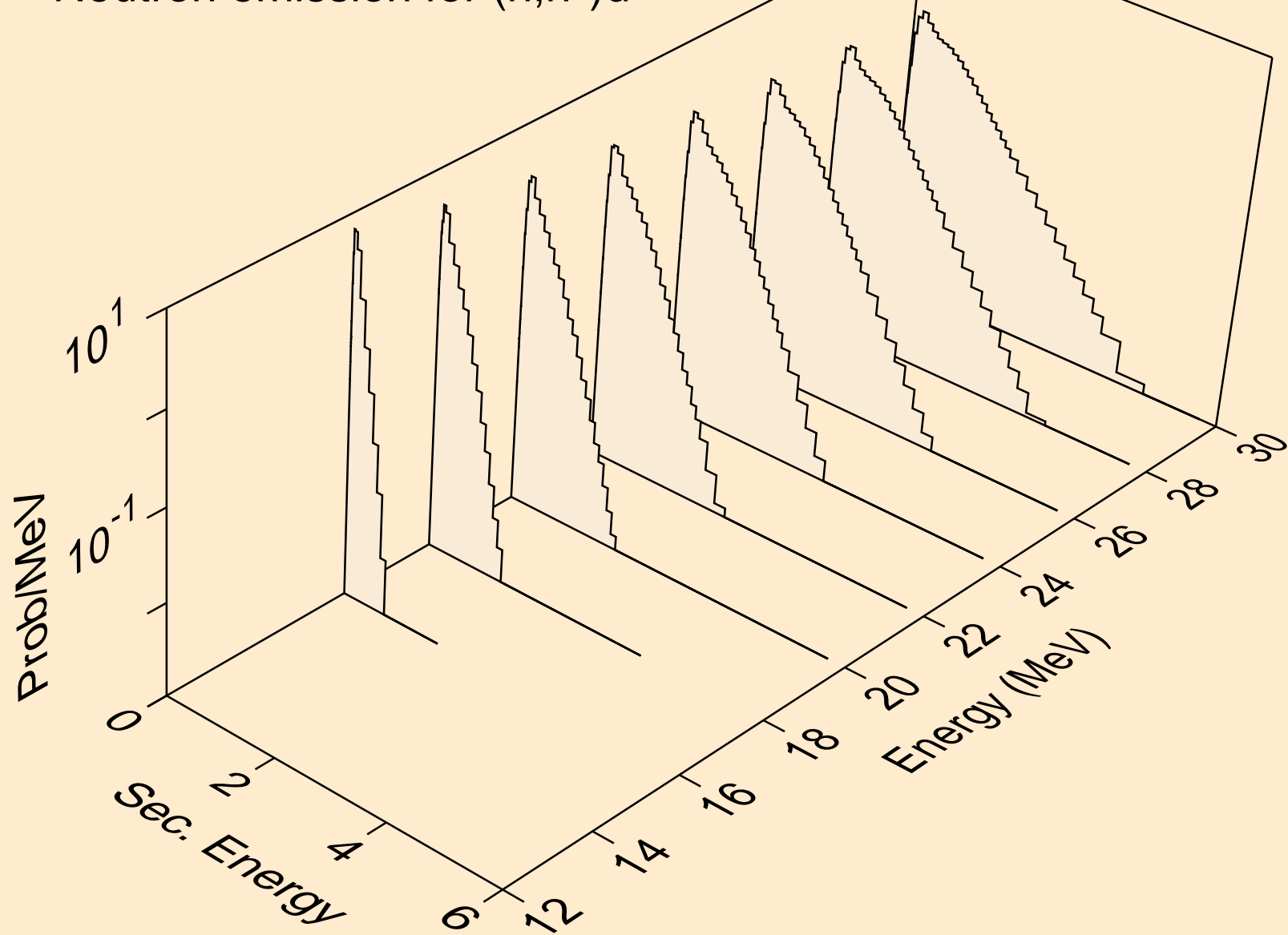
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



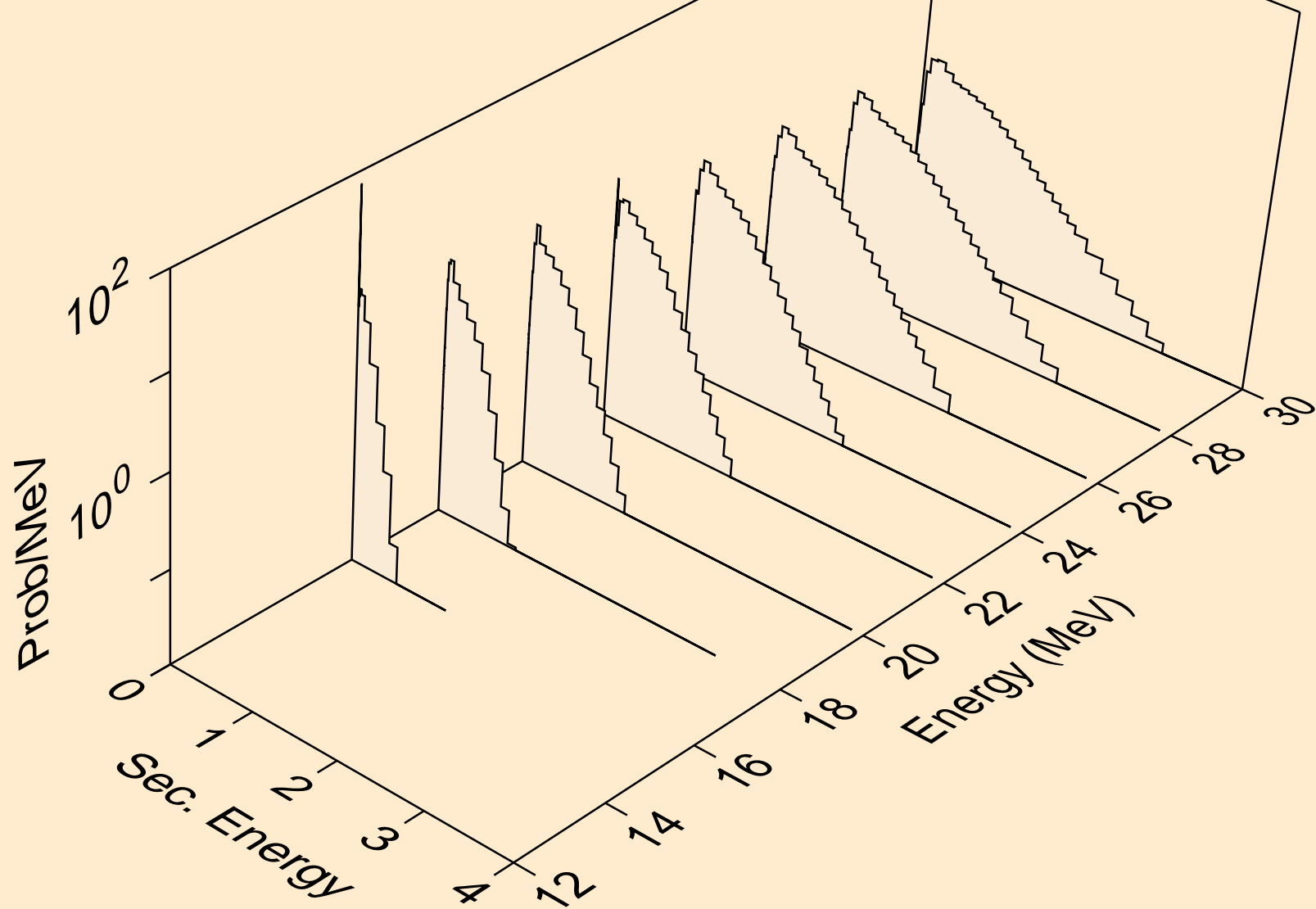
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



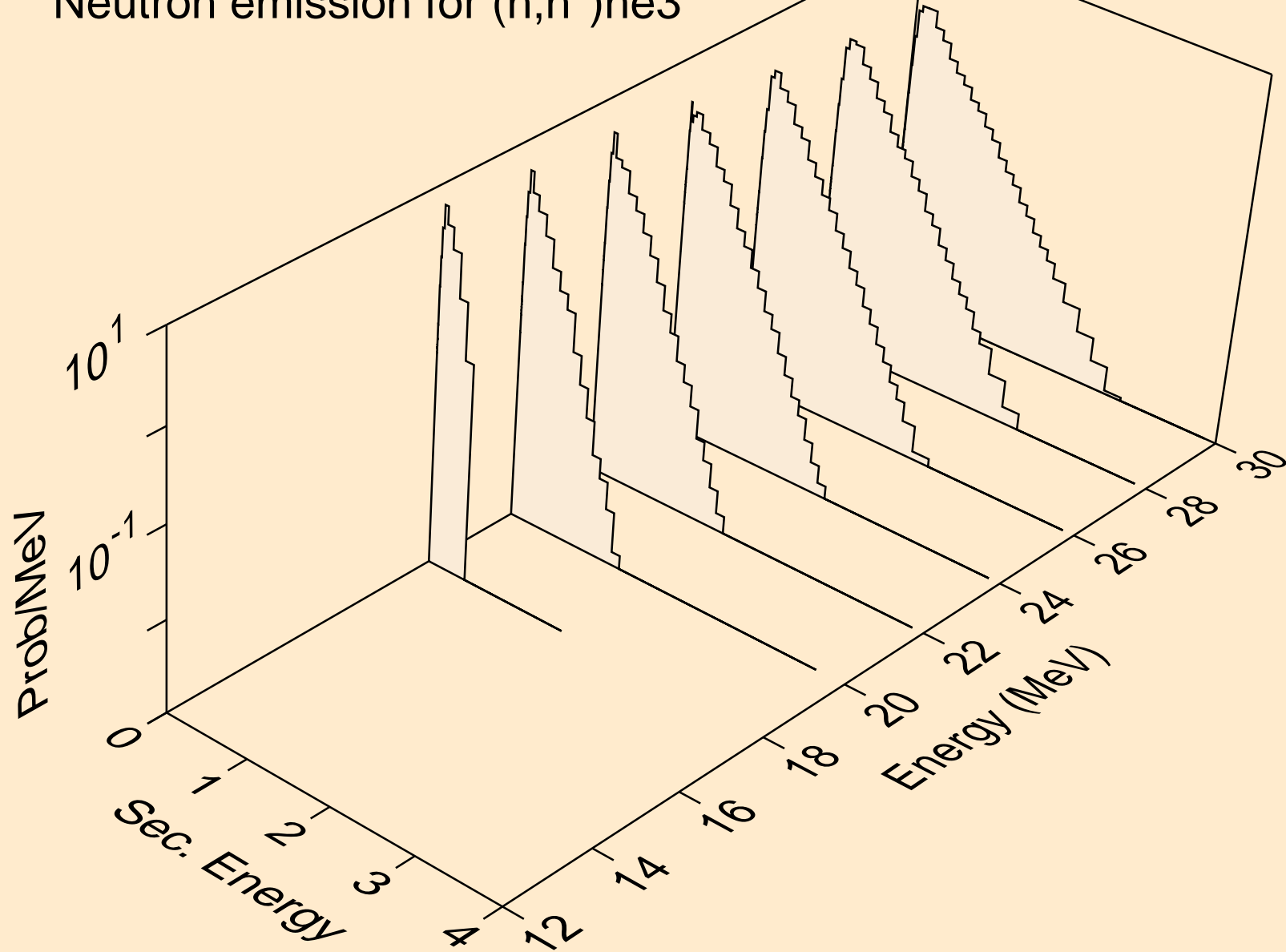
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



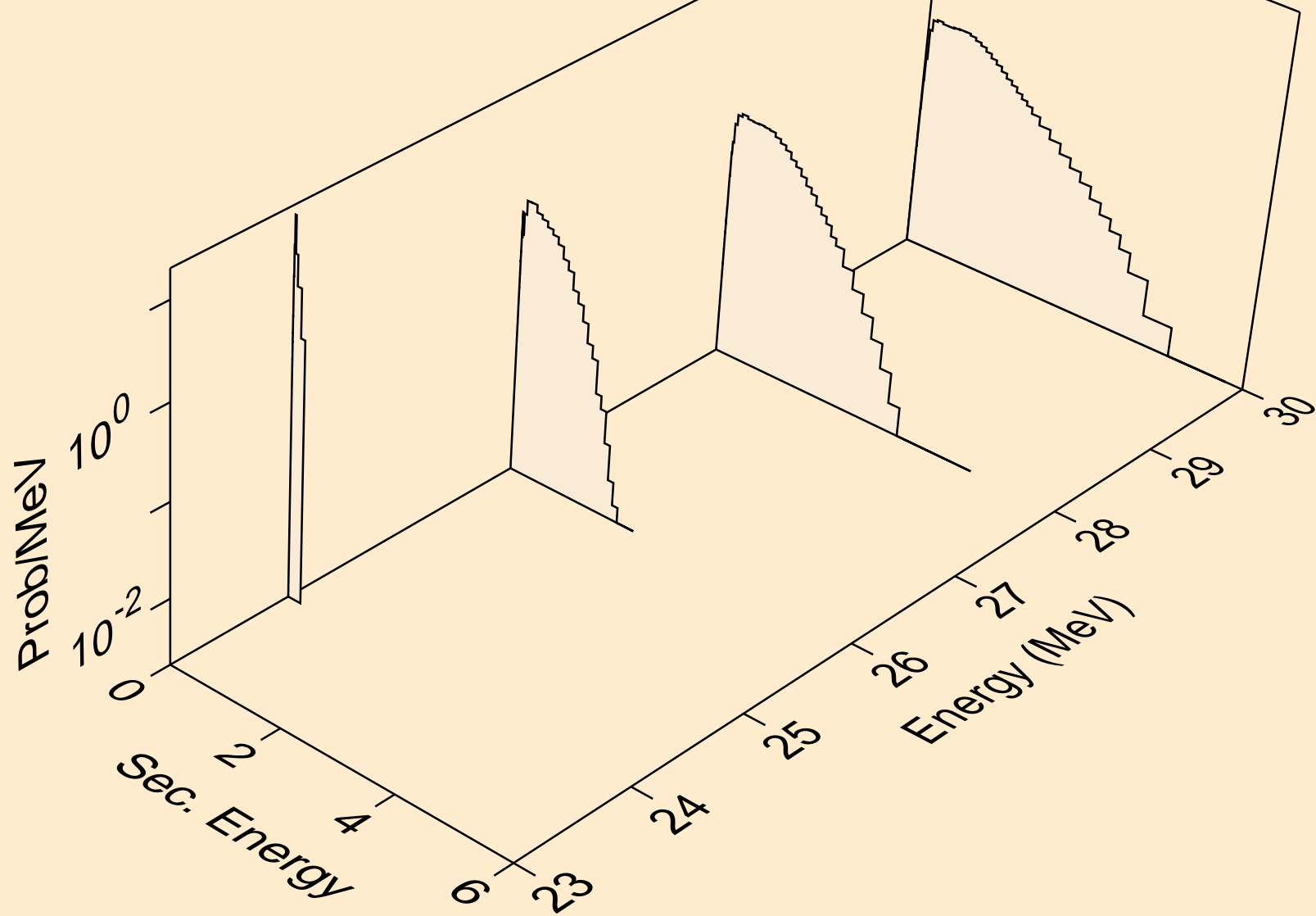
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



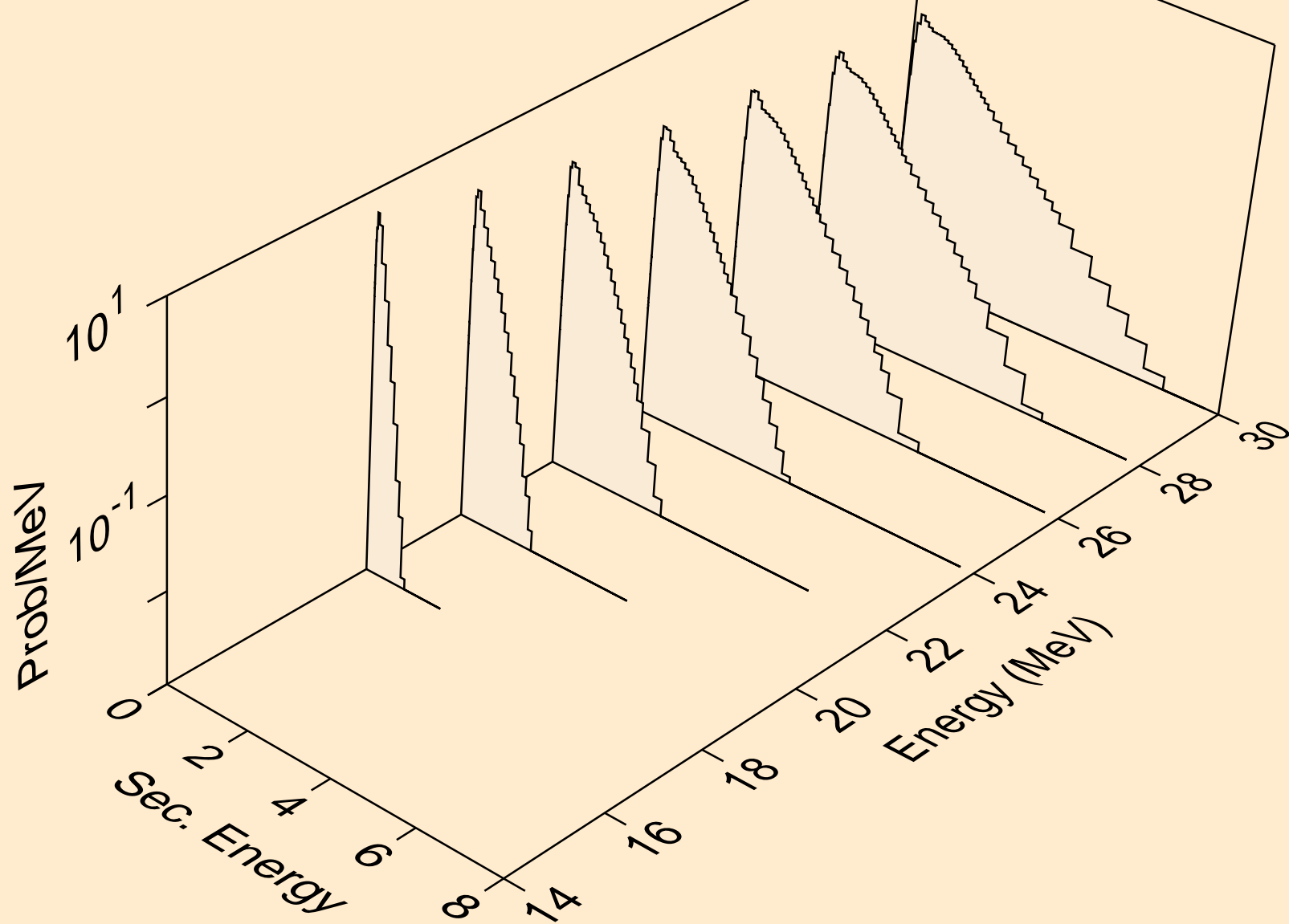
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



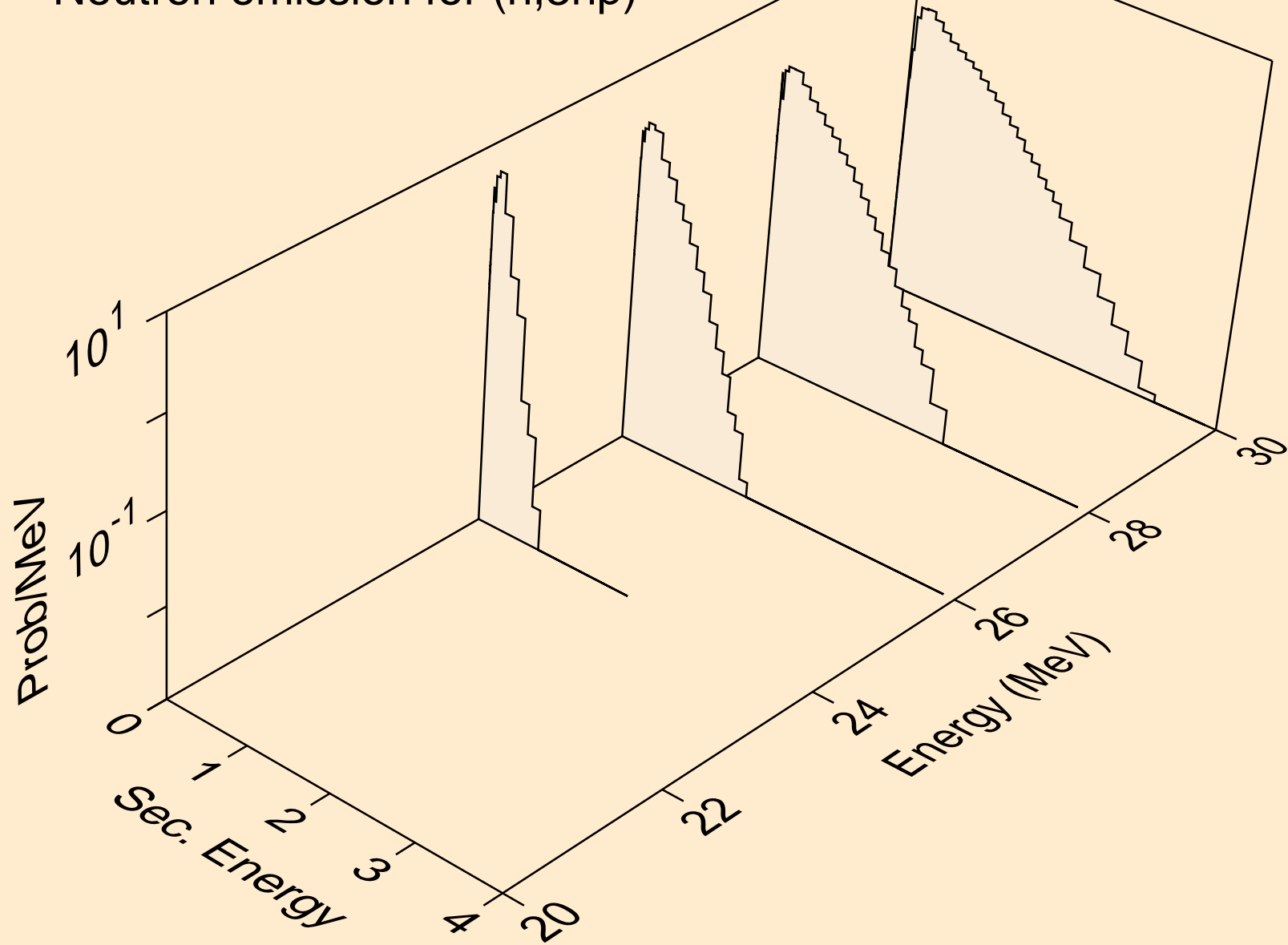
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



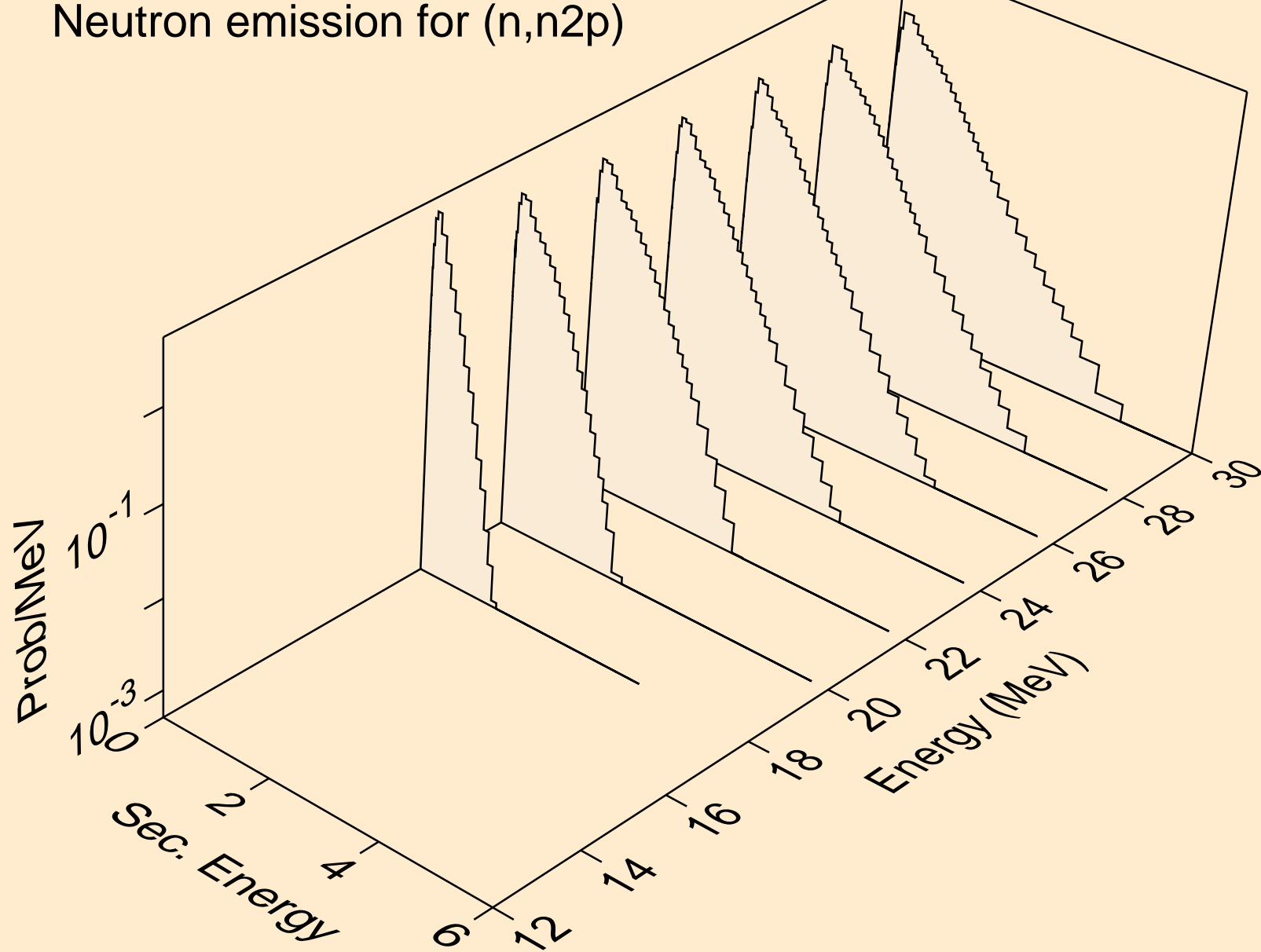
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



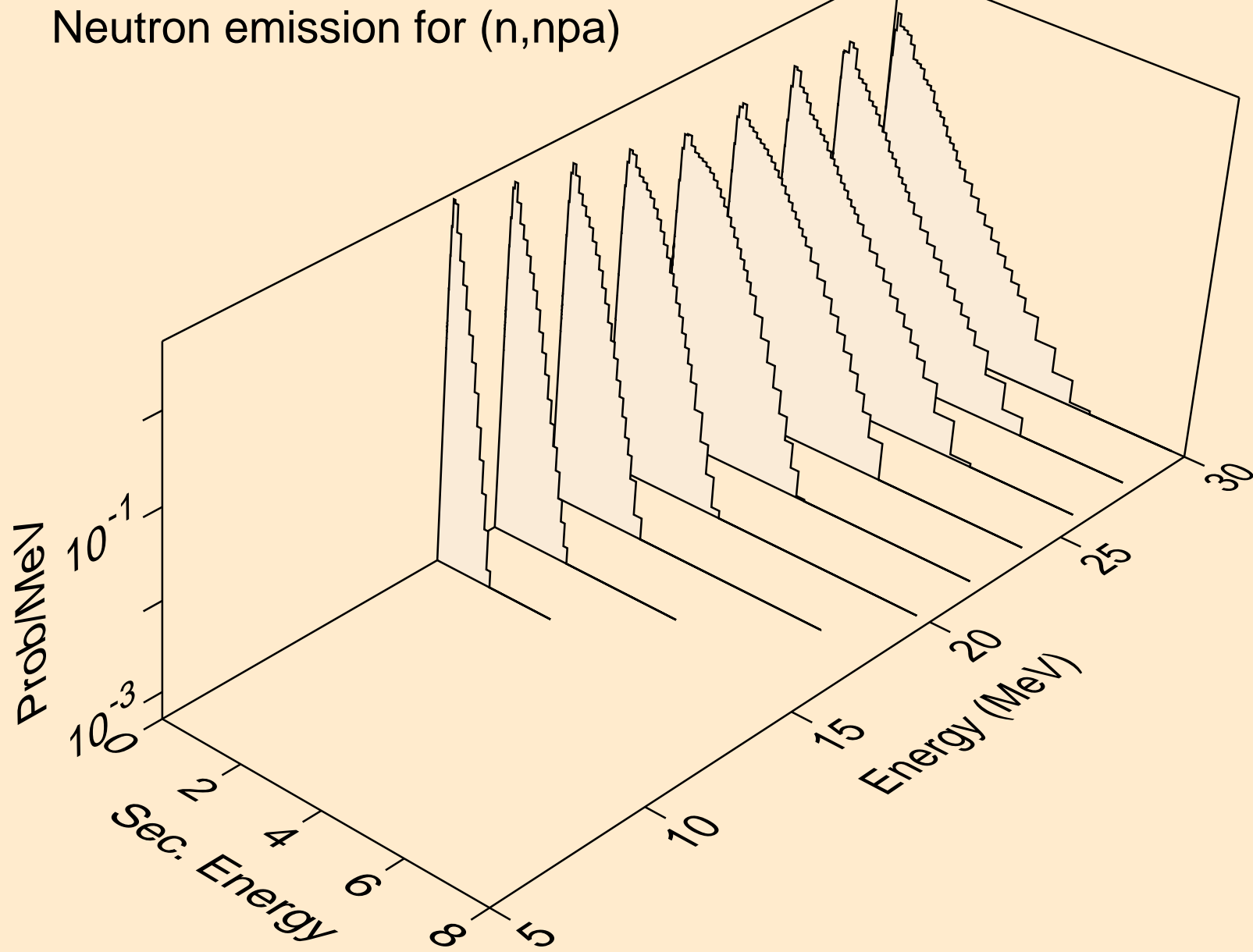
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



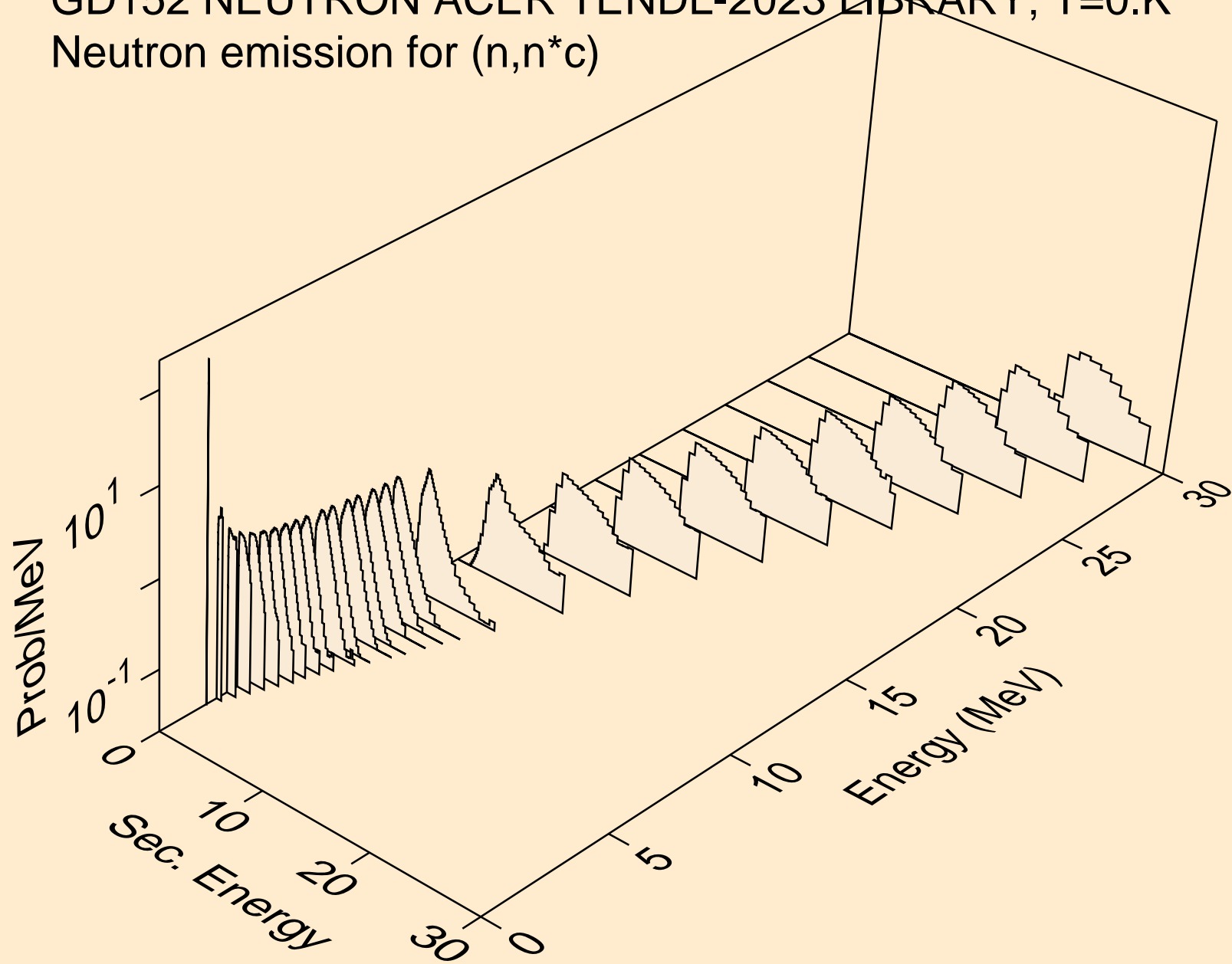
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



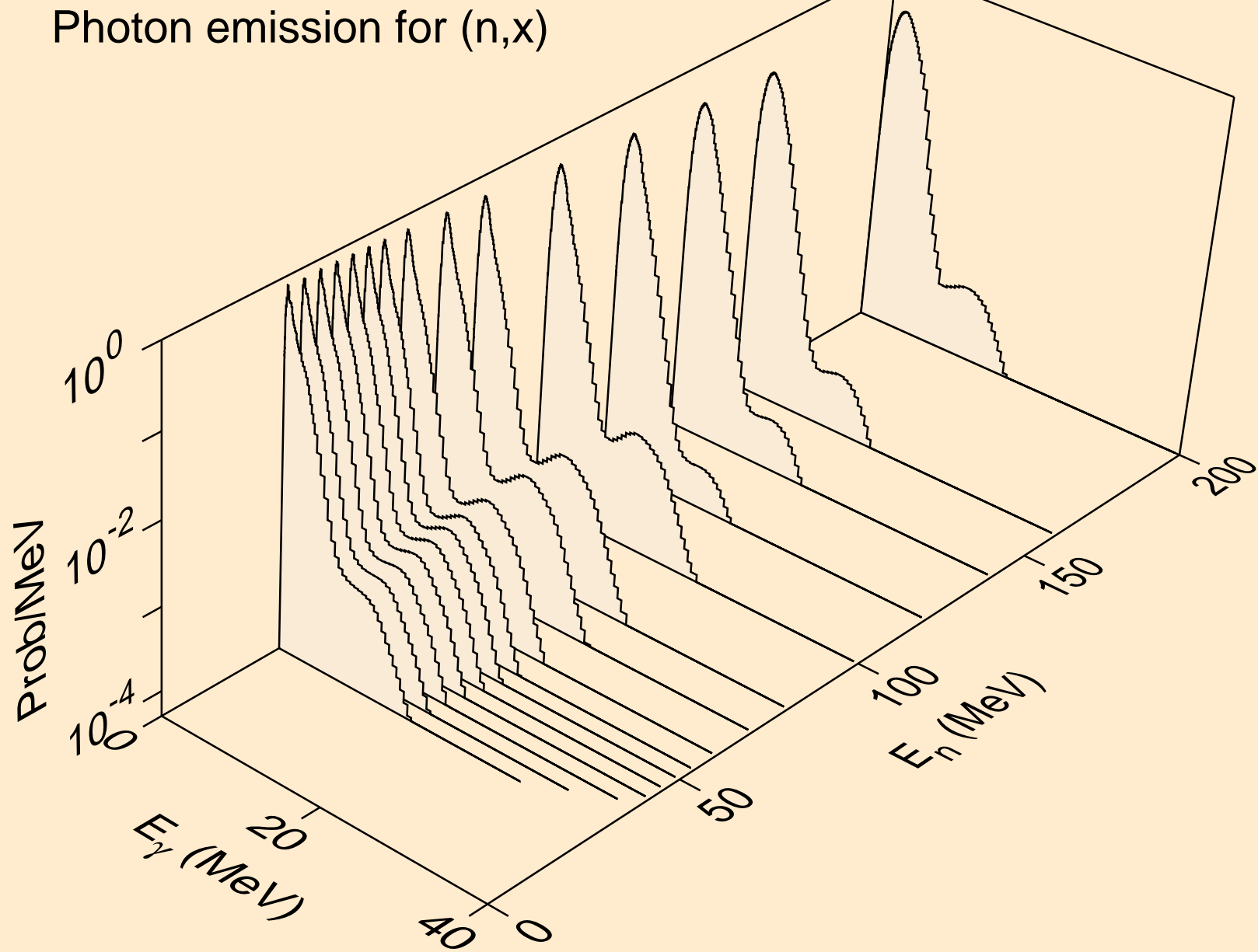
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



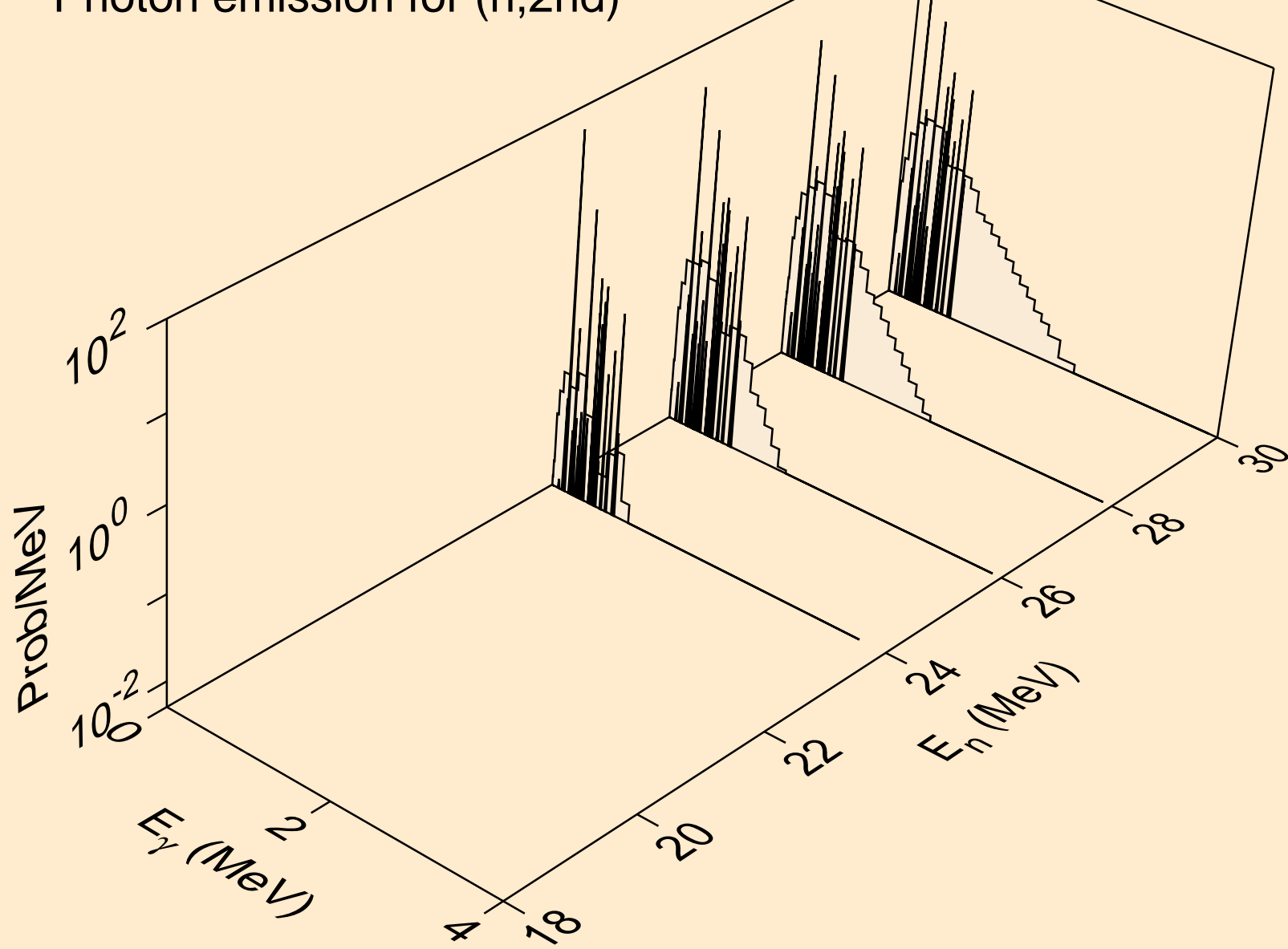
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



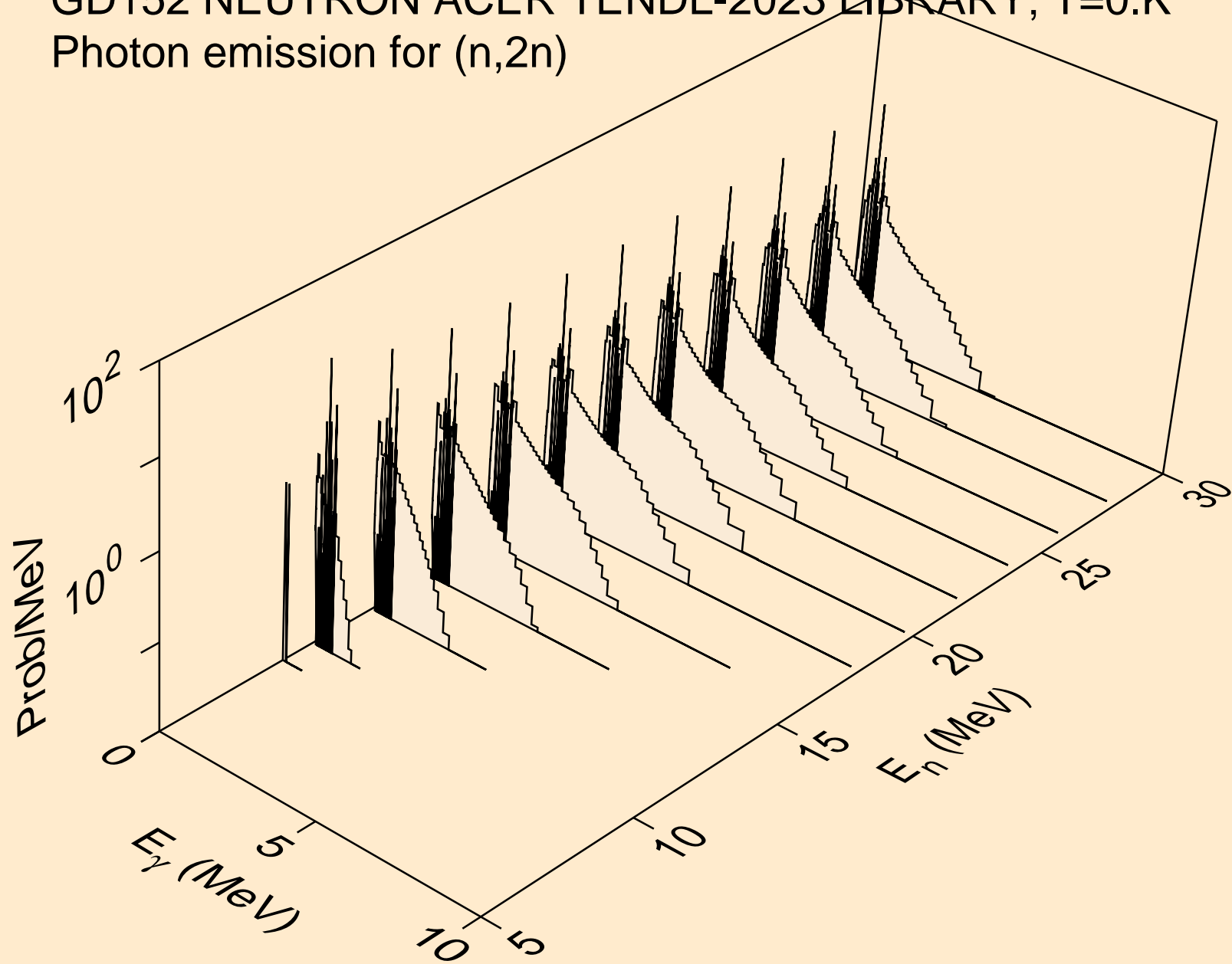
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



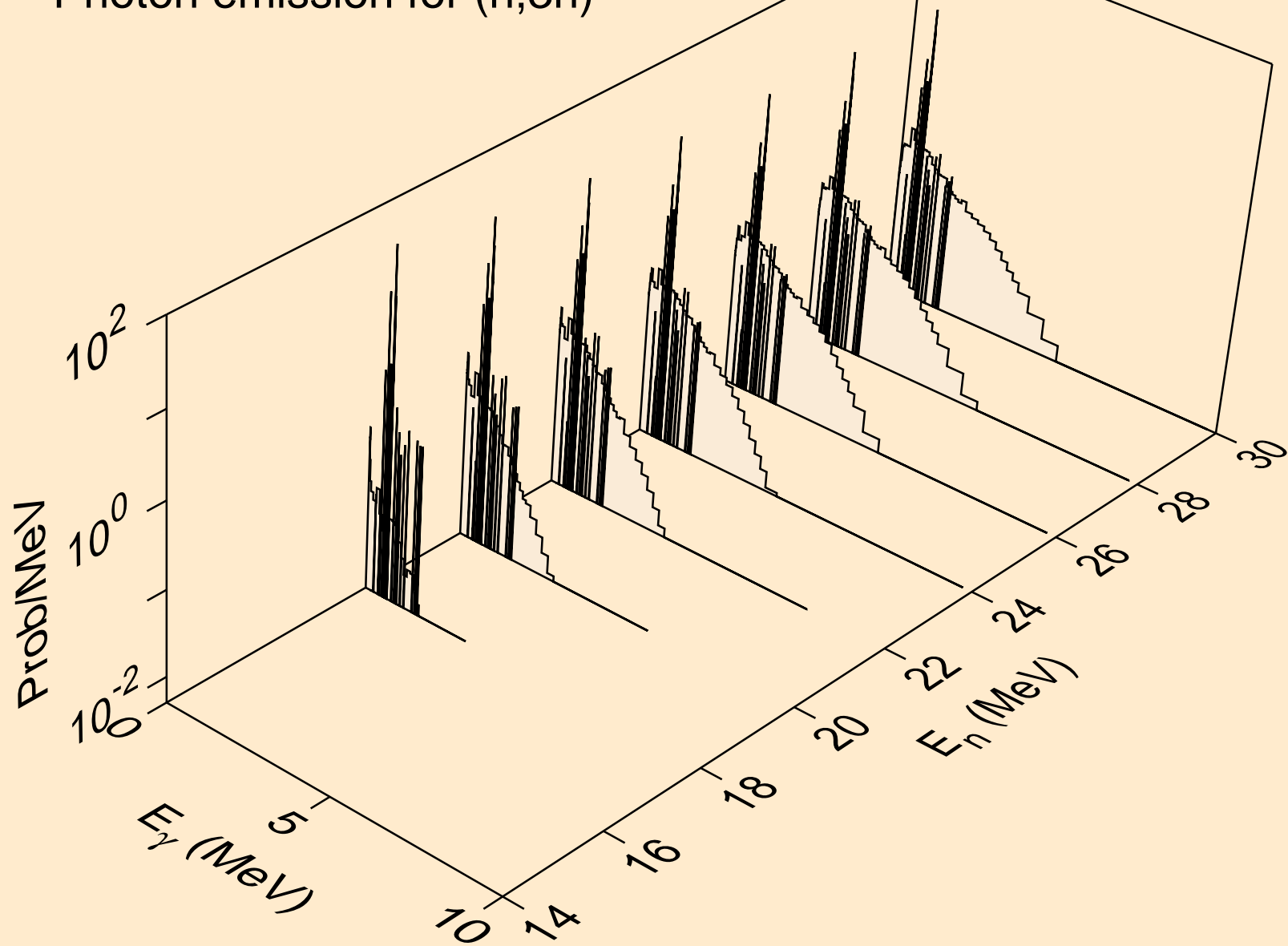
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



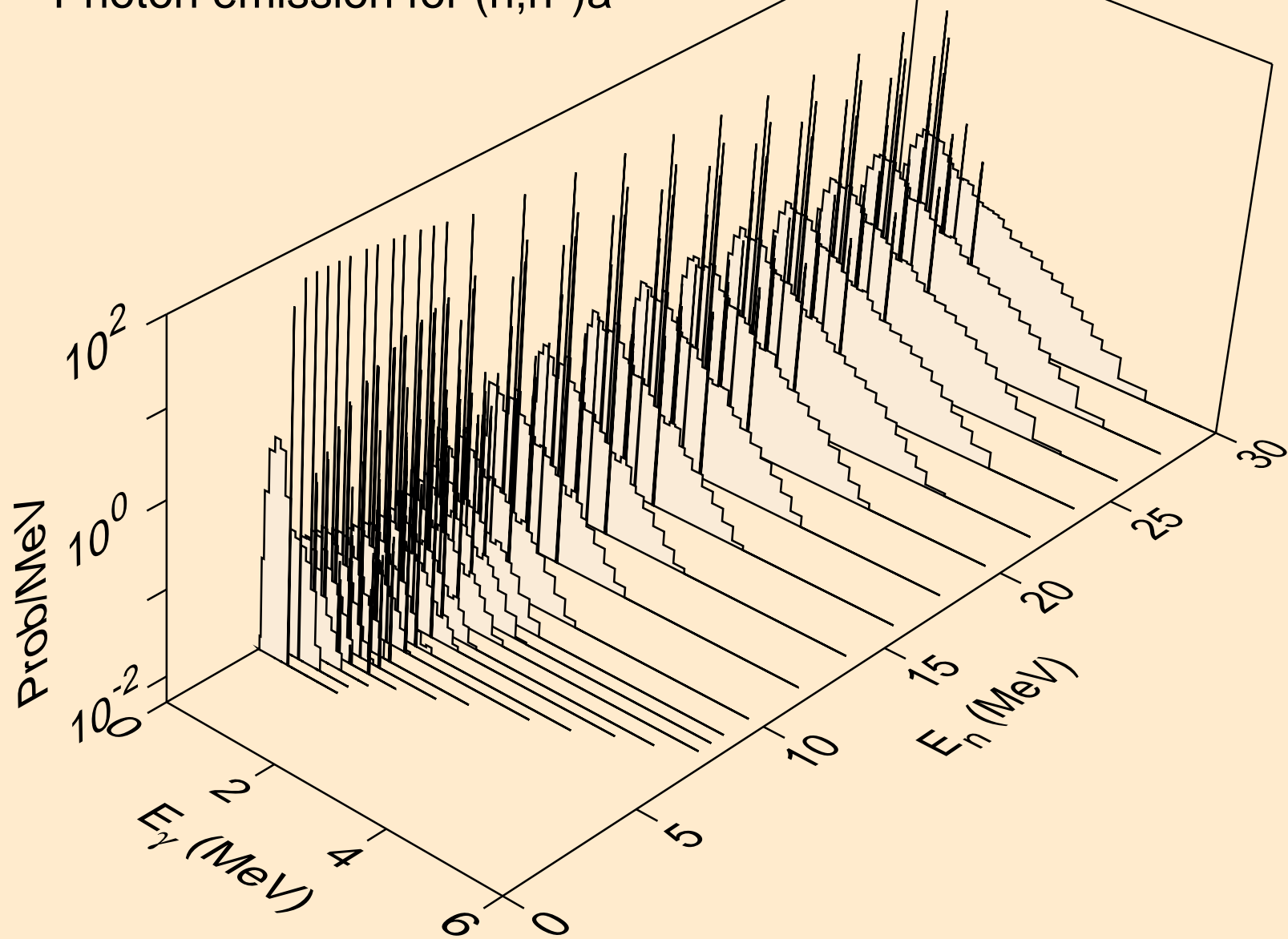
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Photon emission for (n,2n)



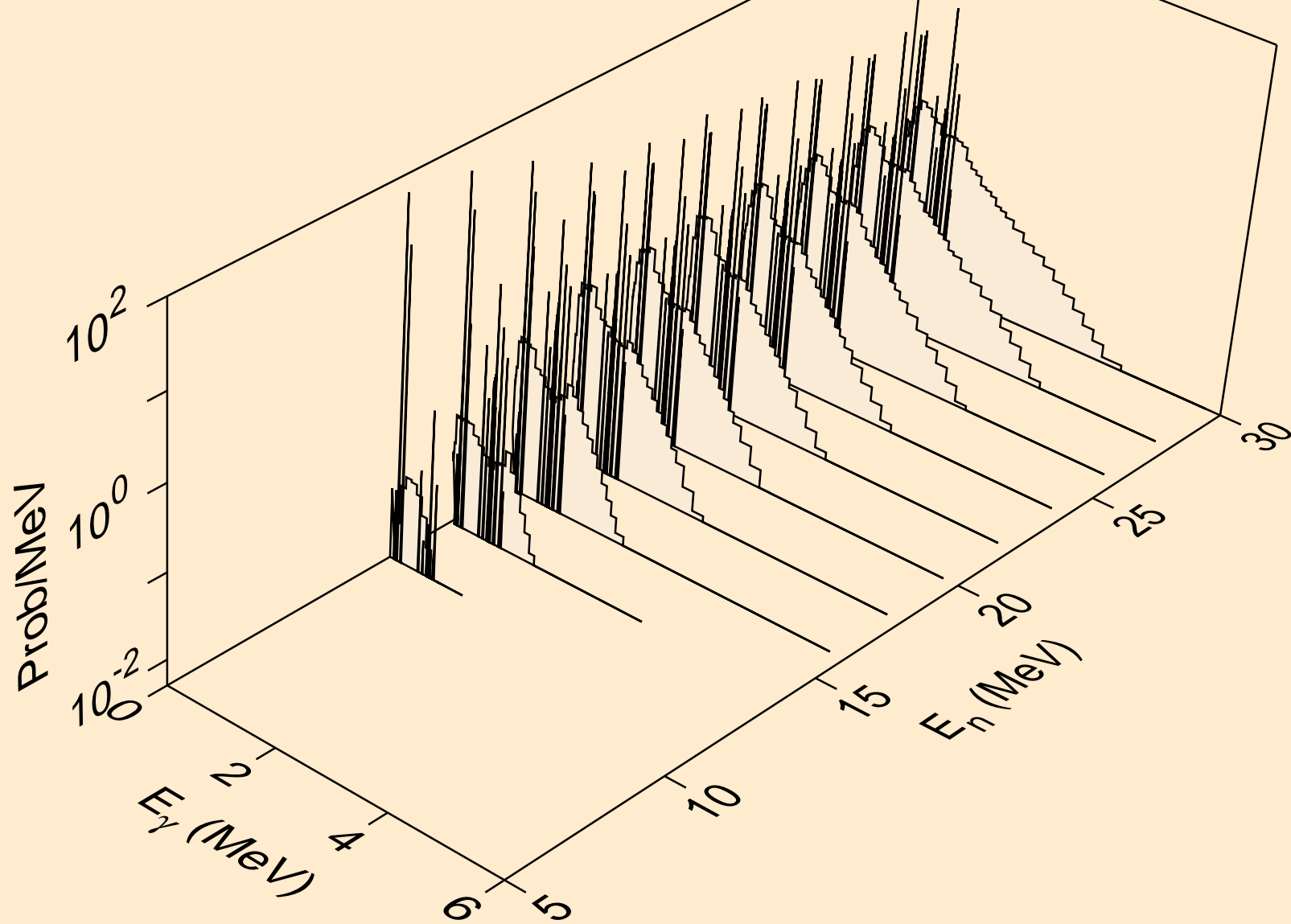
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



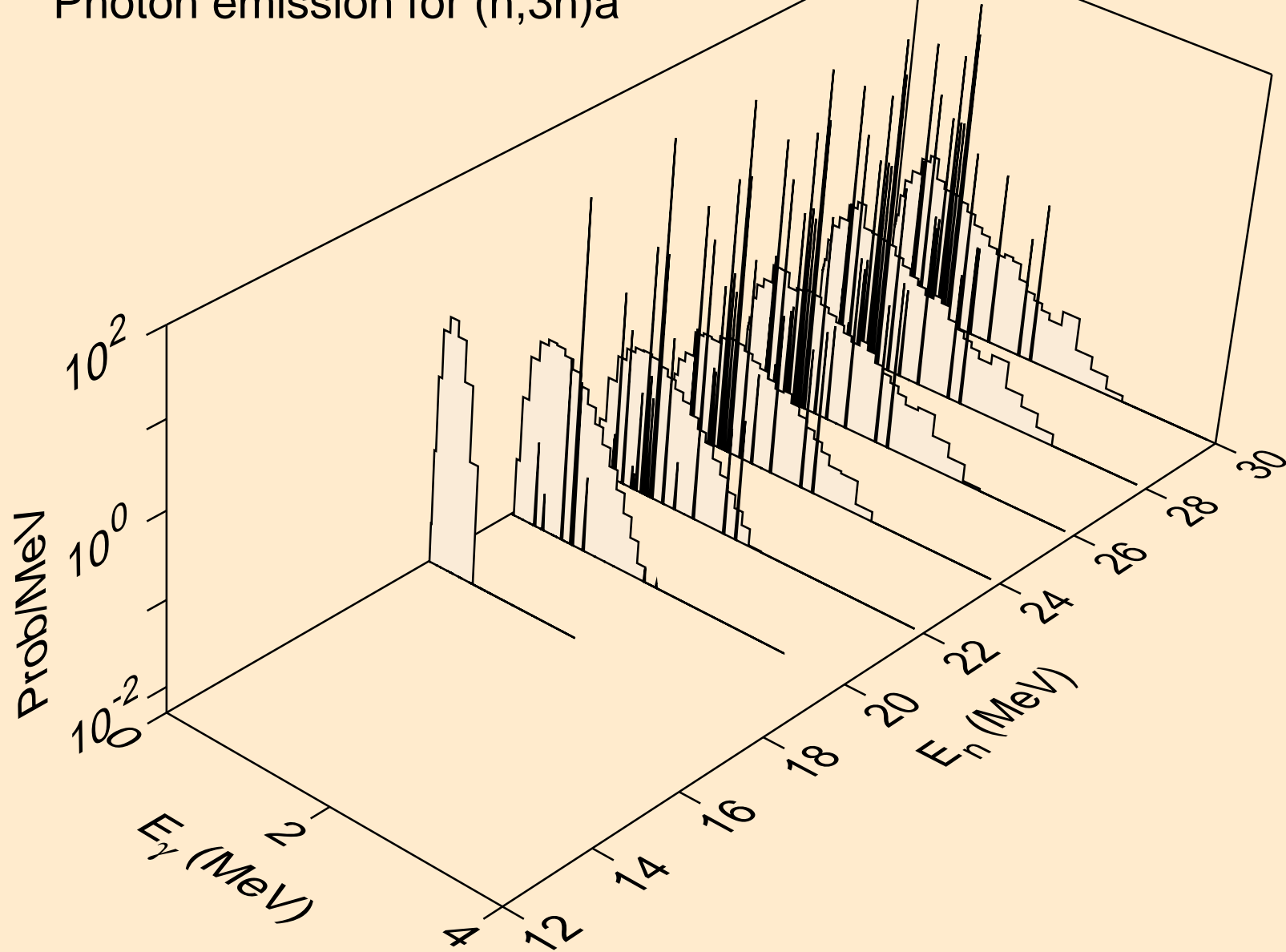
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



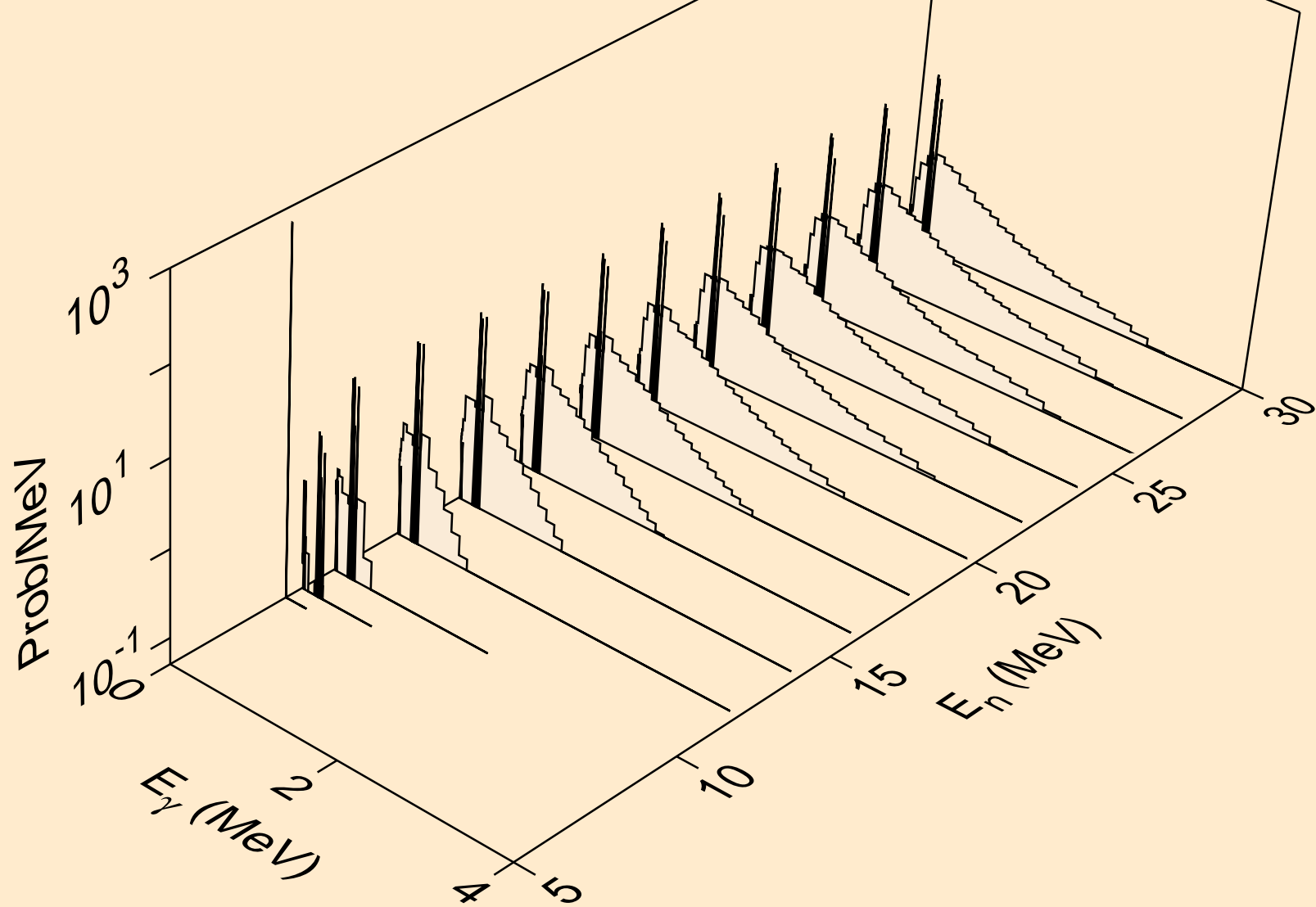
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



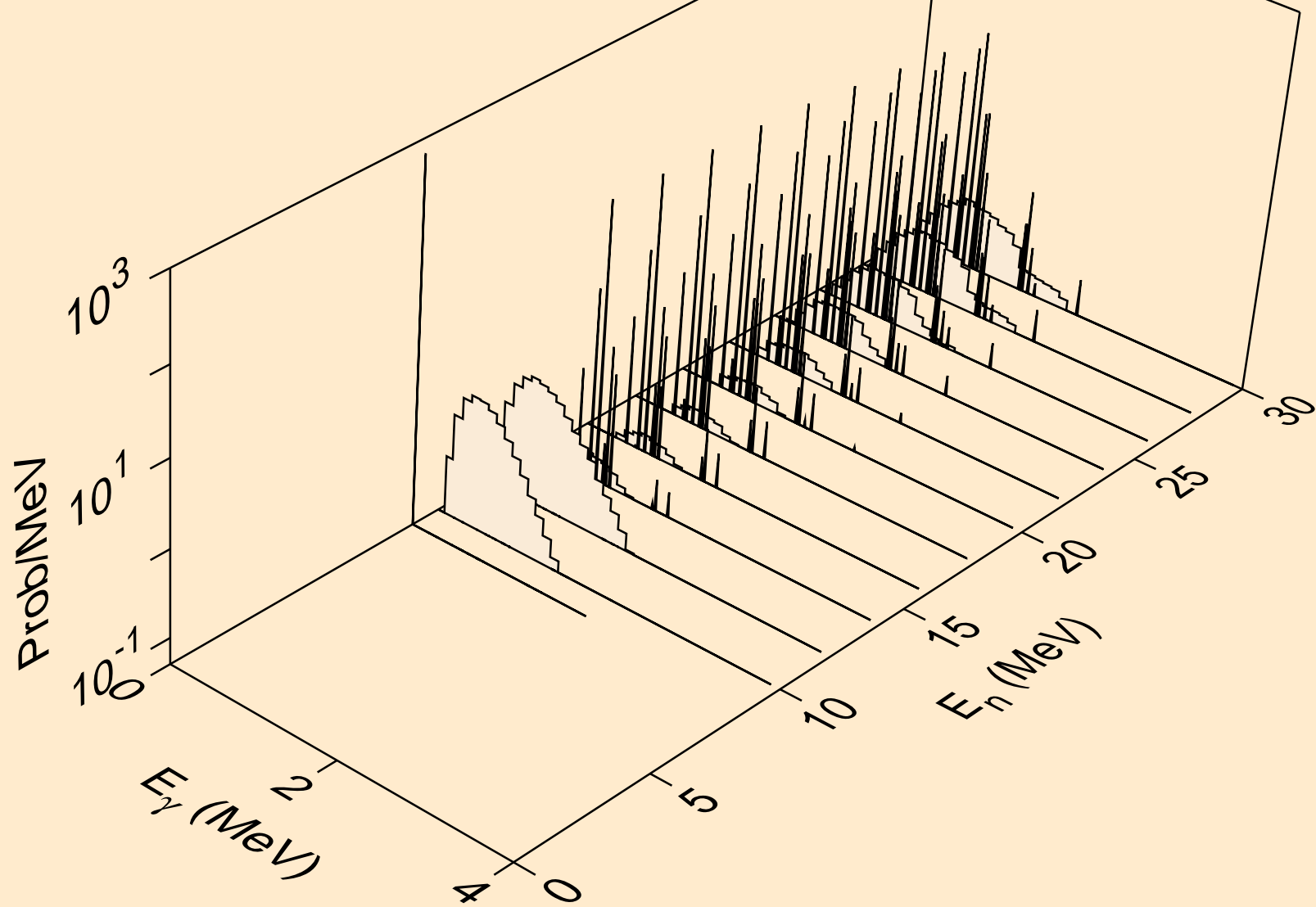
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



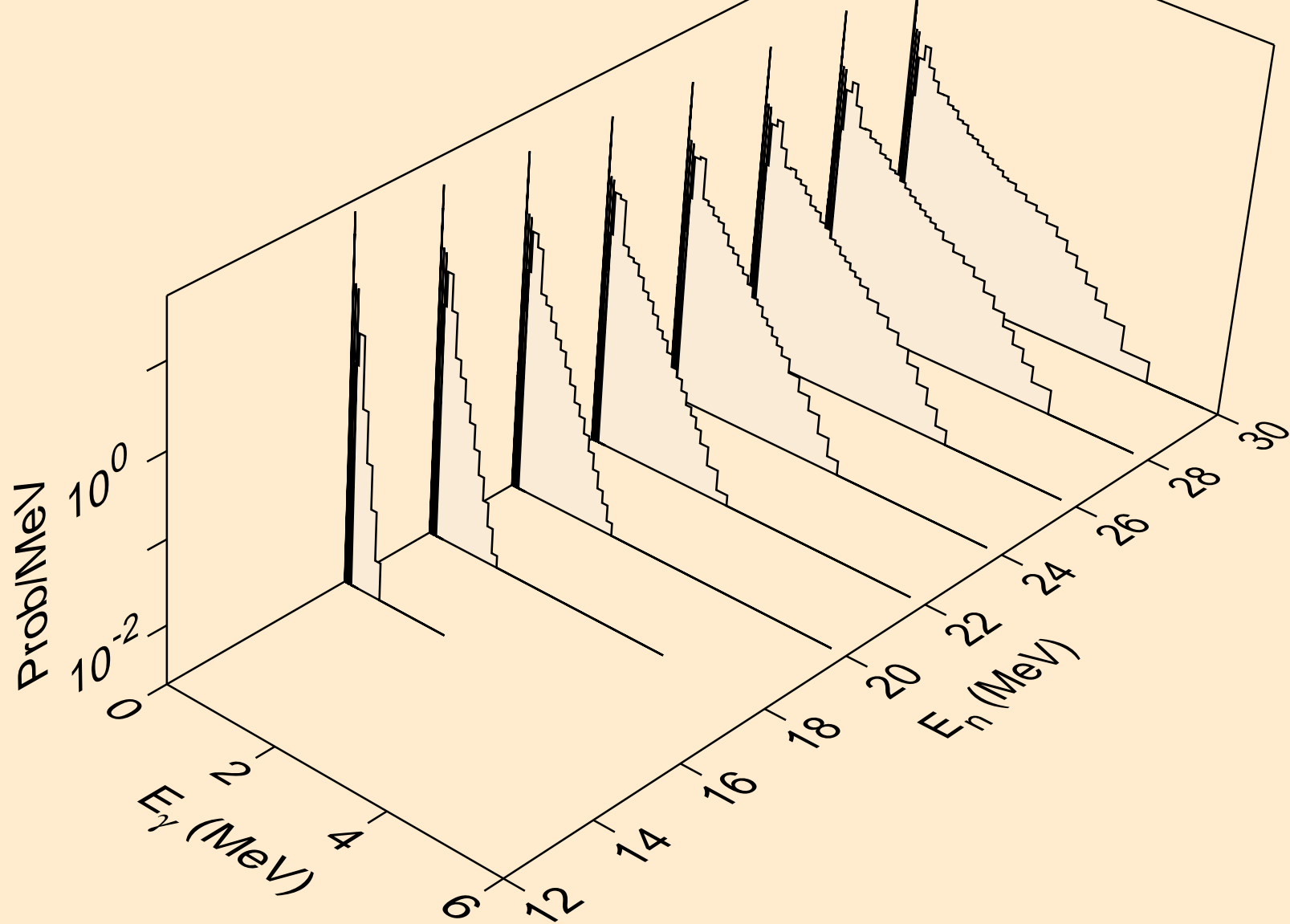
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



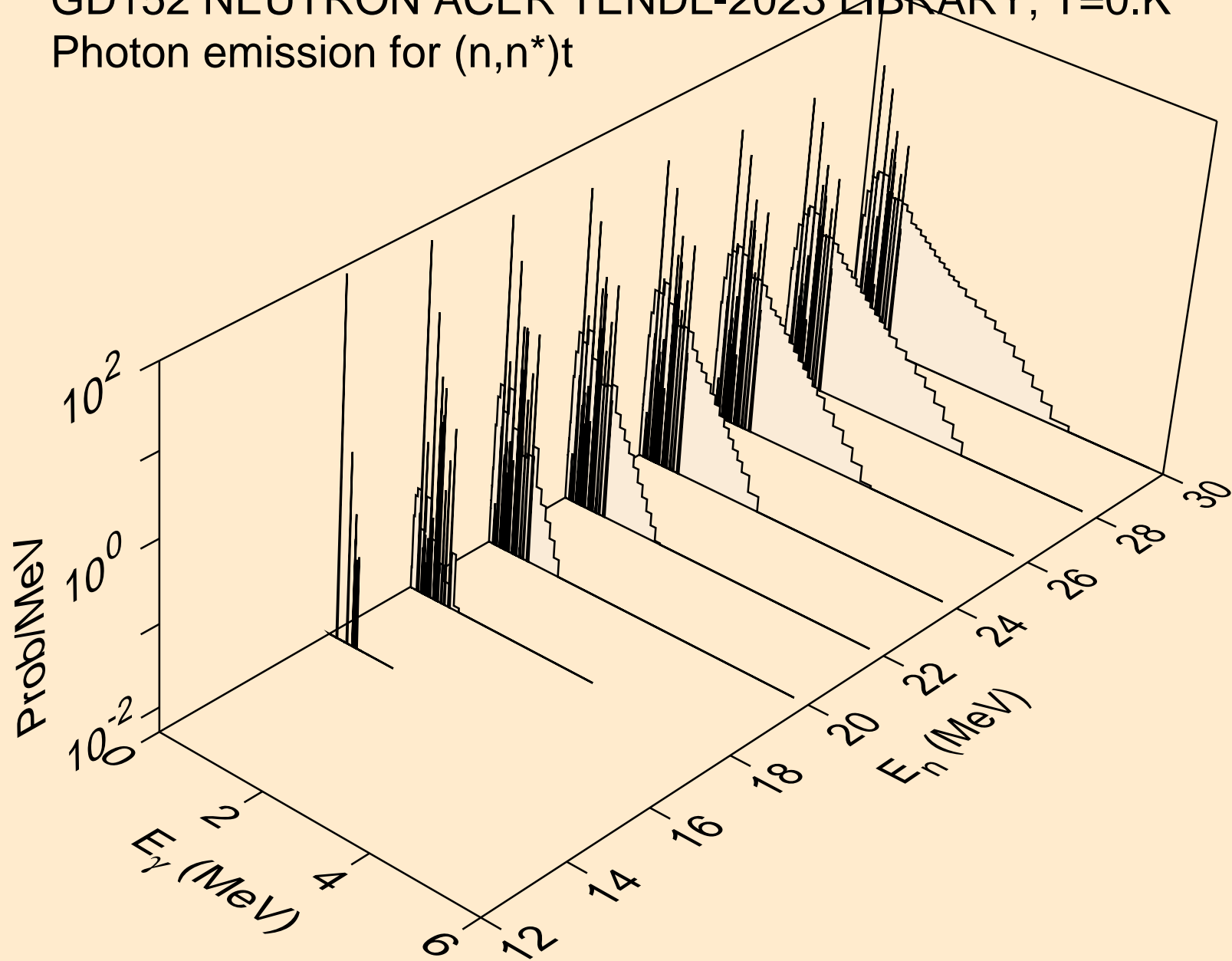
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



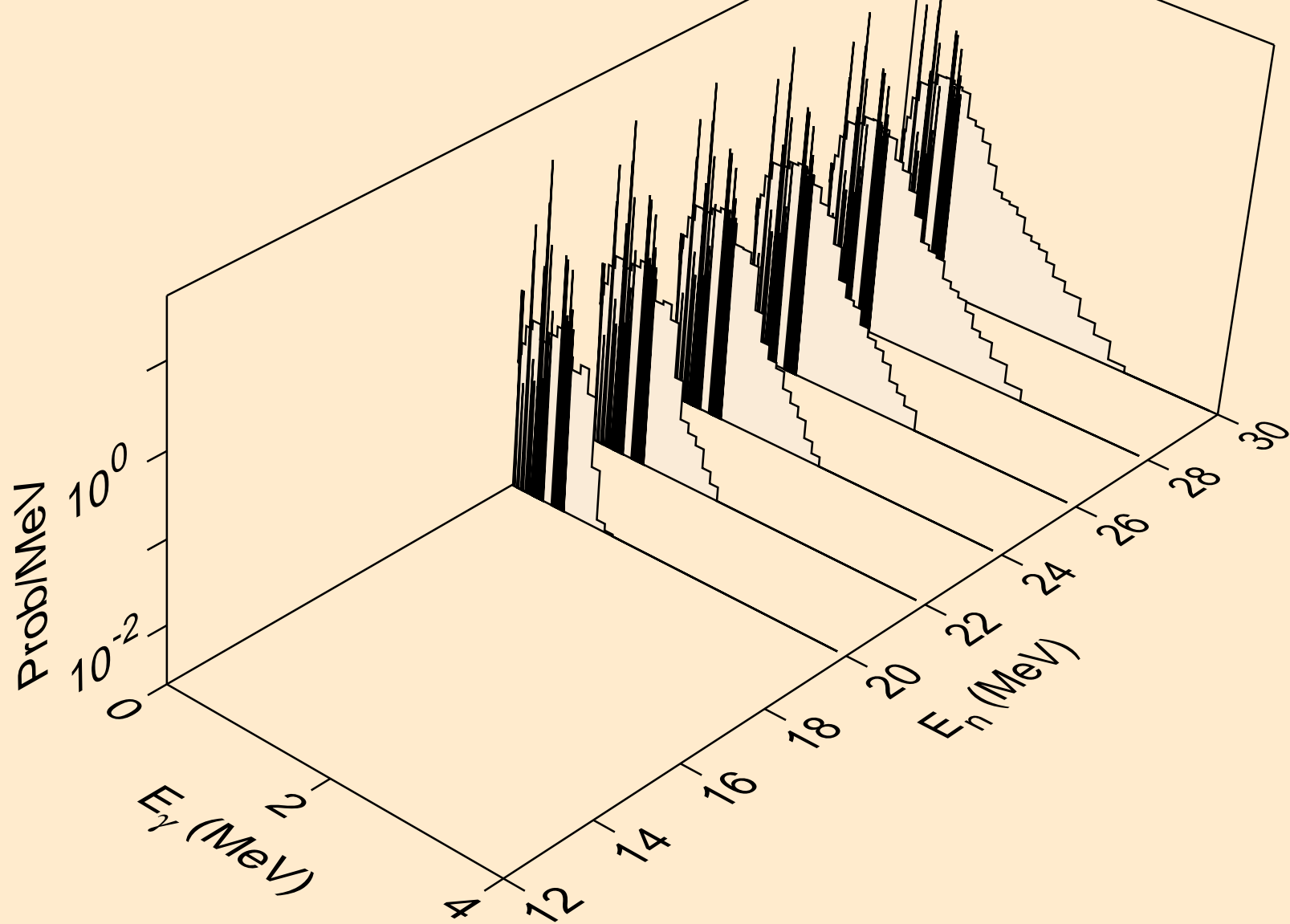
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



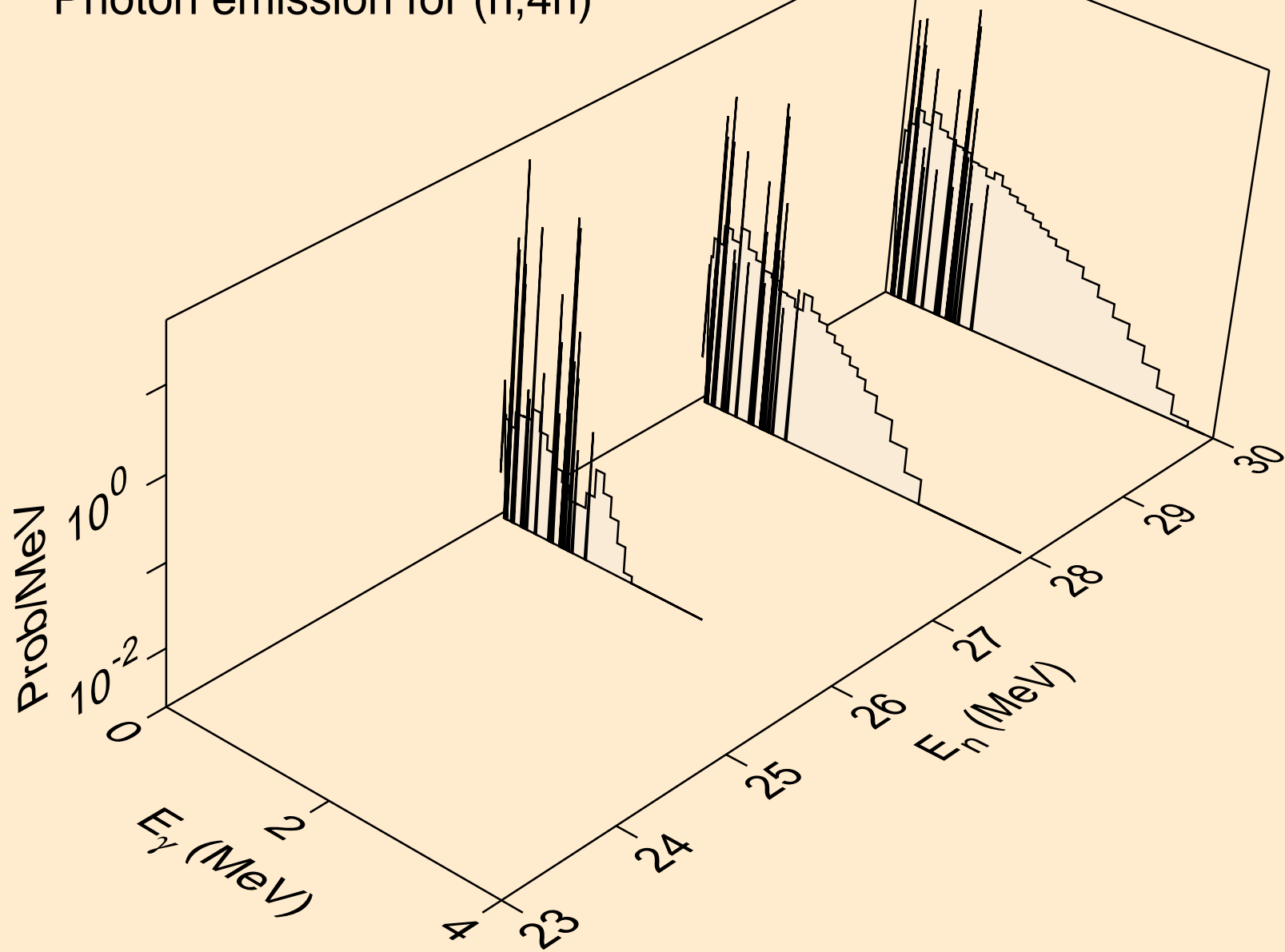
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



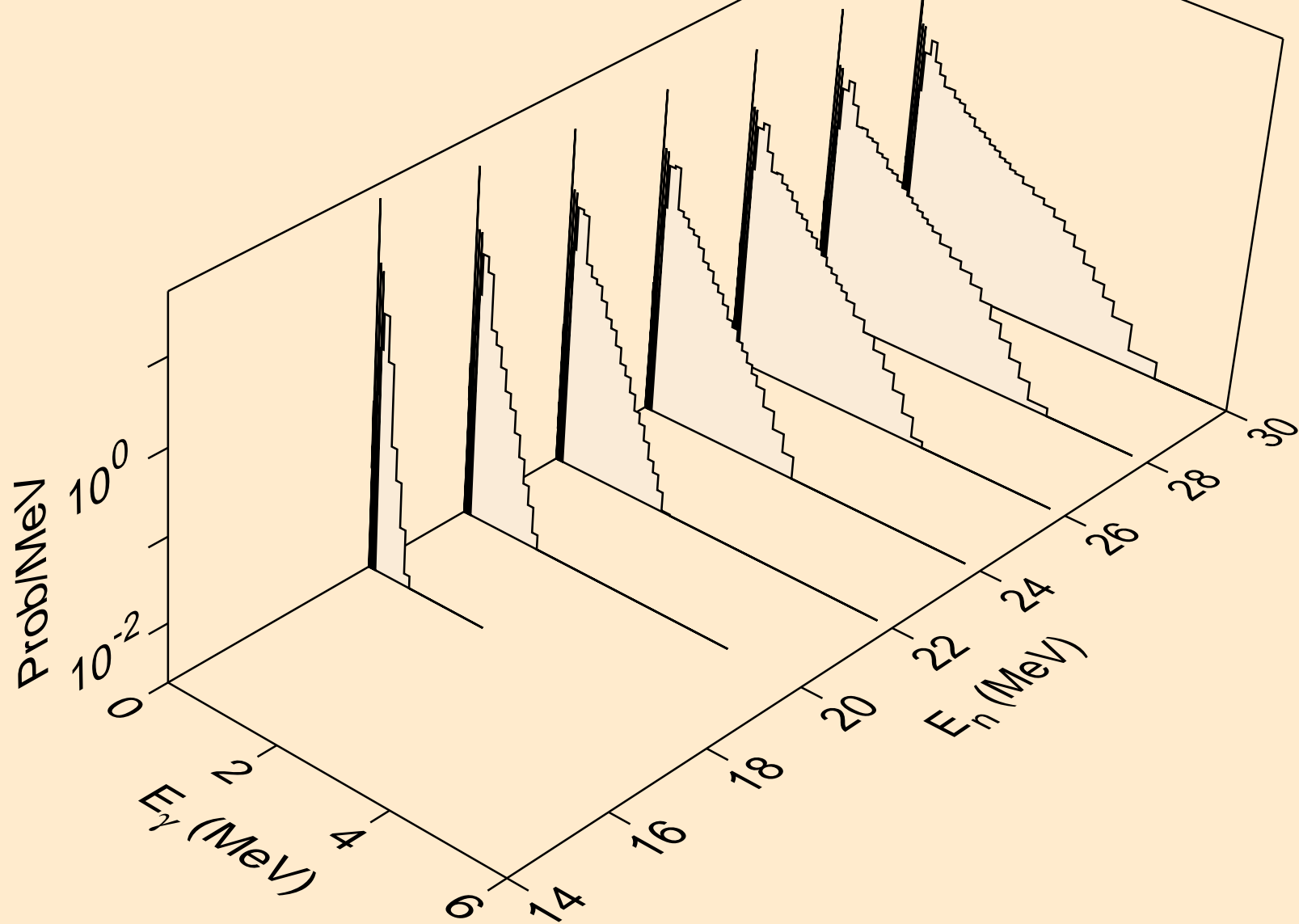
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



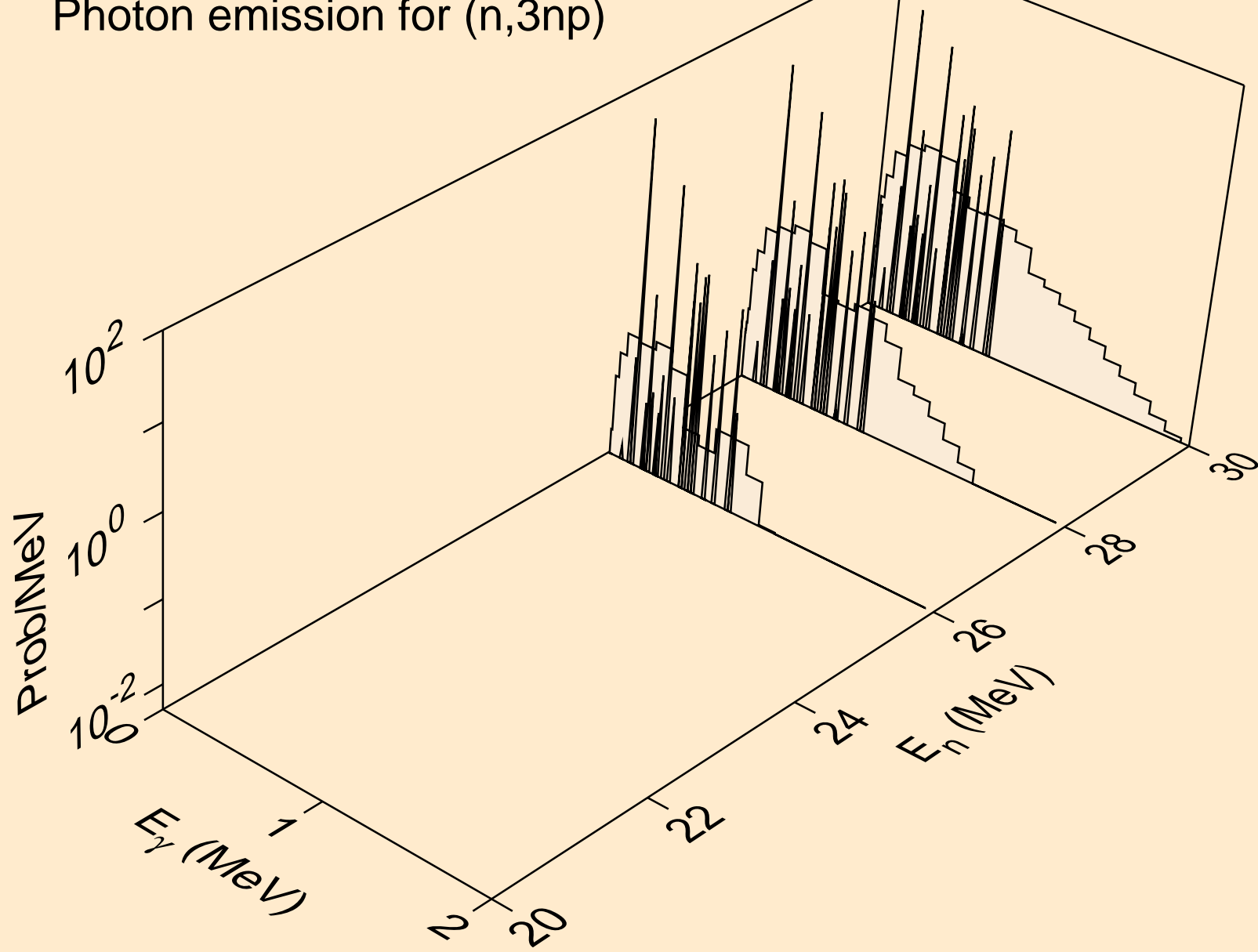
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



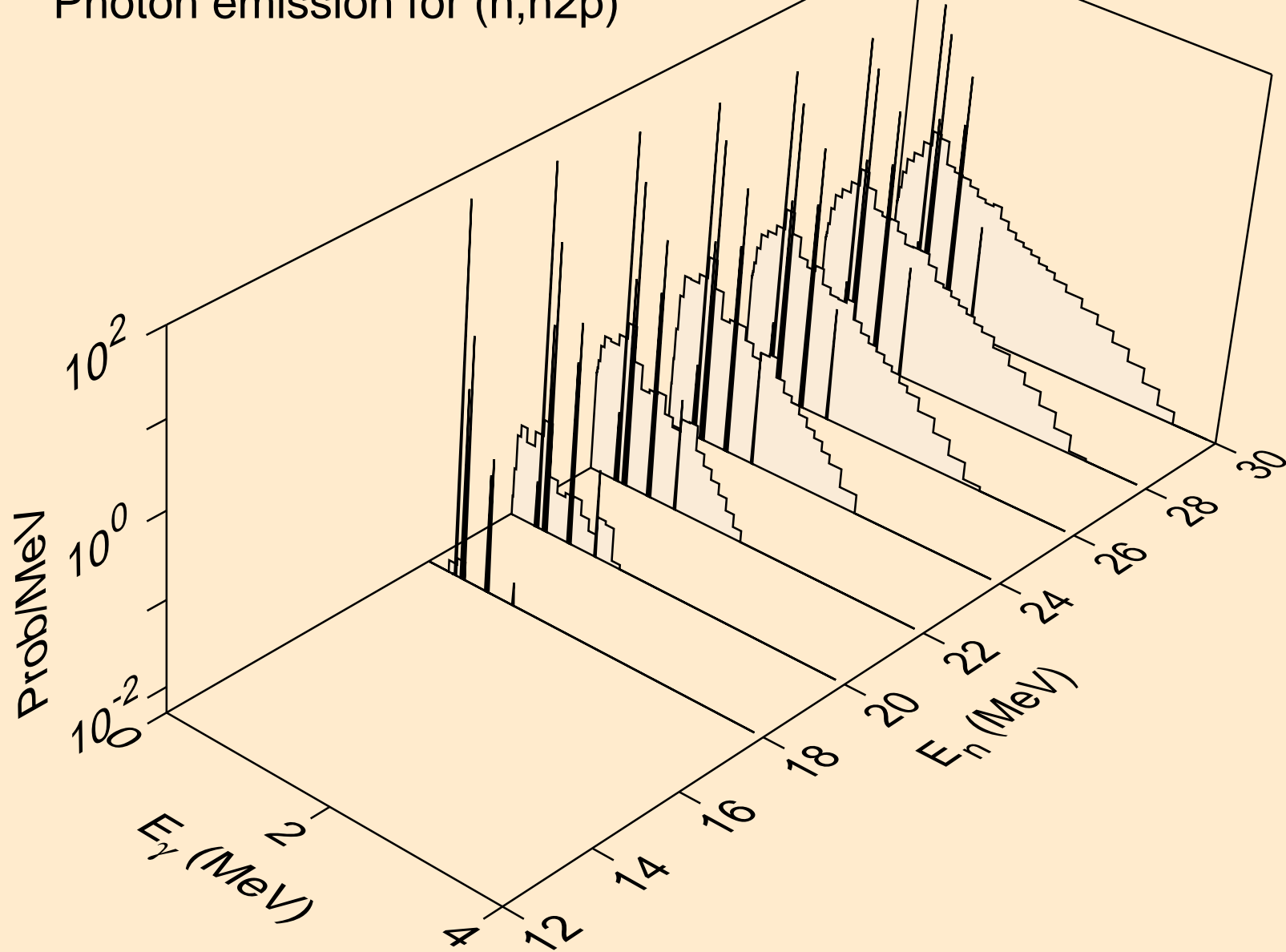
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Photon emission for (n,2np)



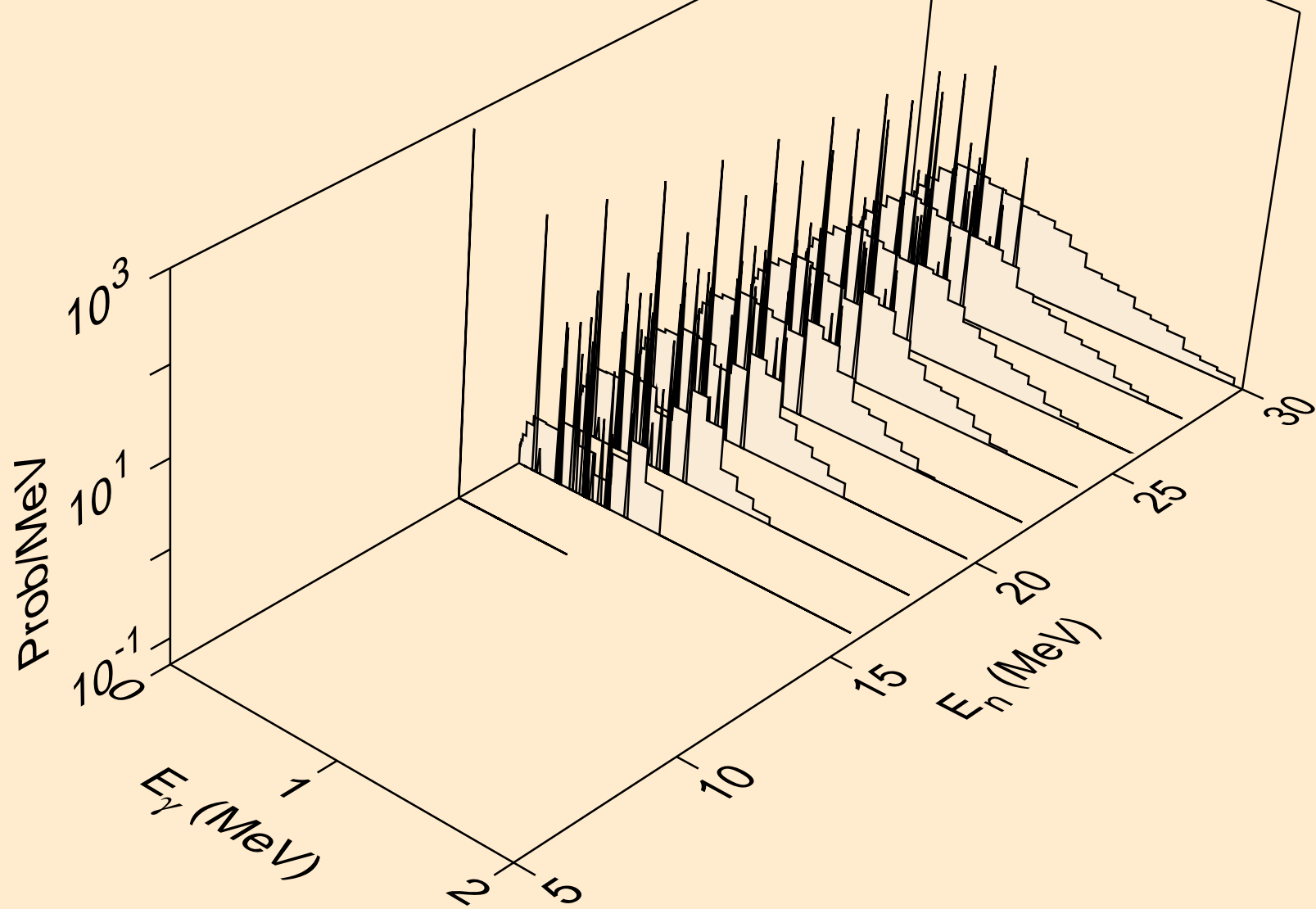
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Photon emission for (n,3np)



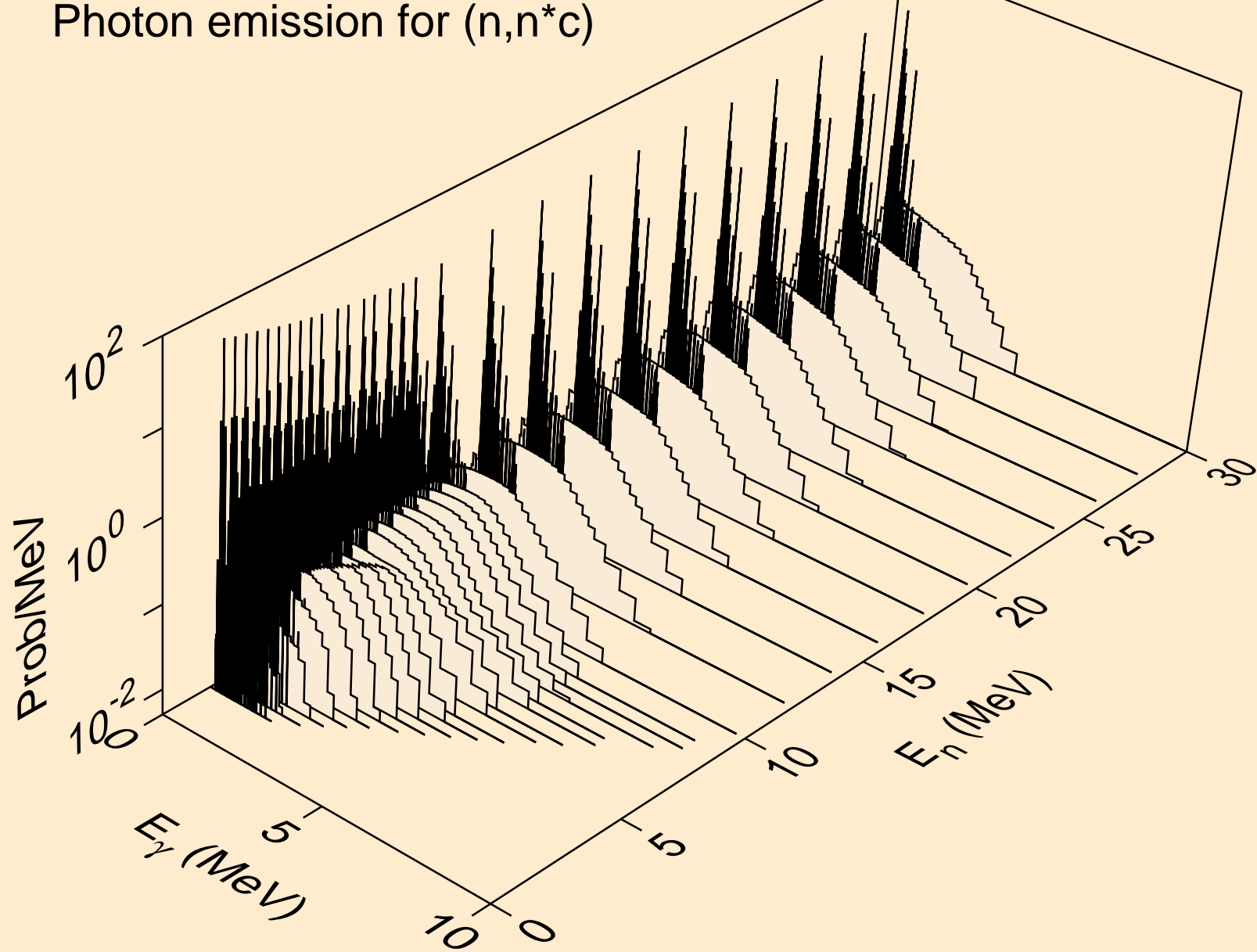
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



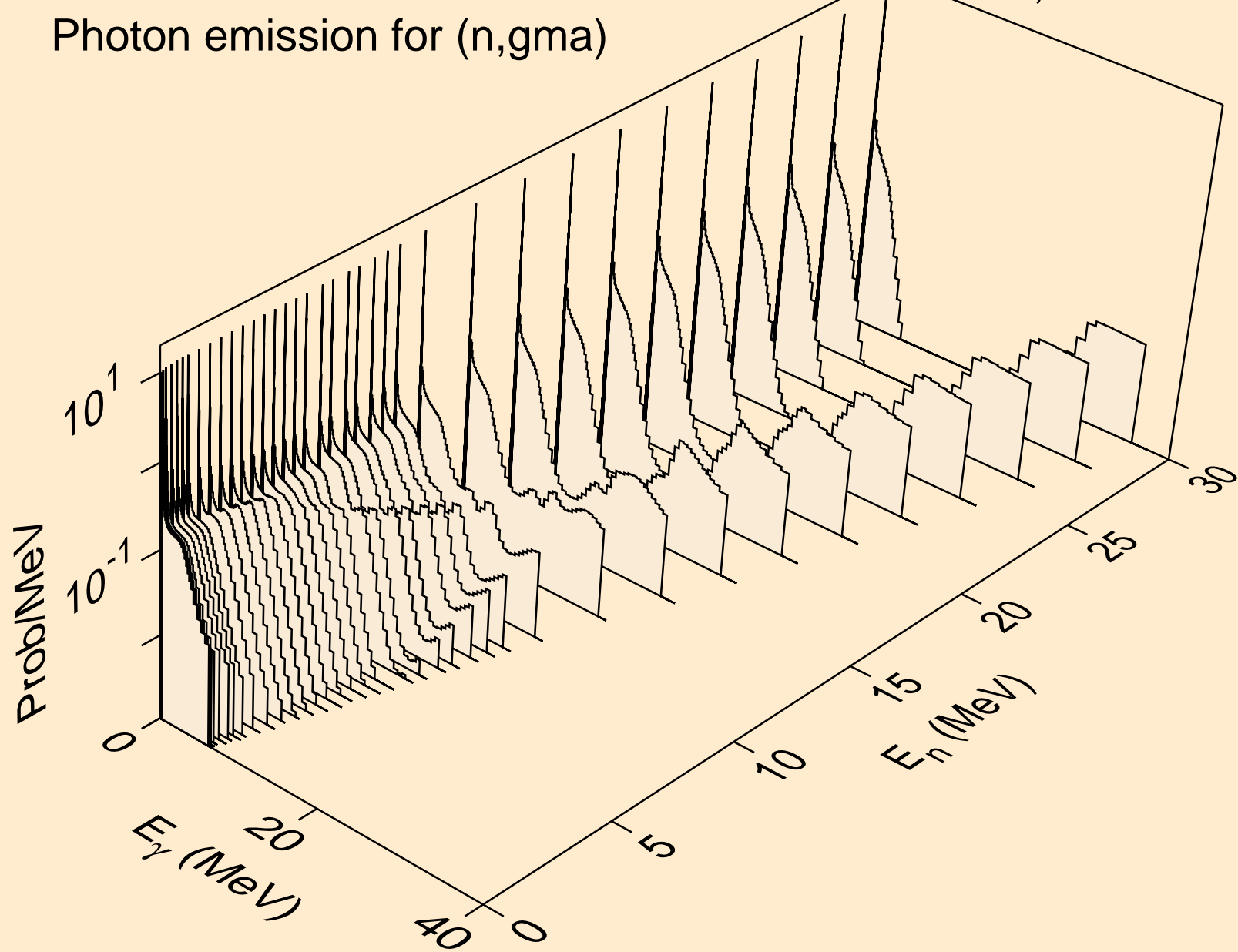
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



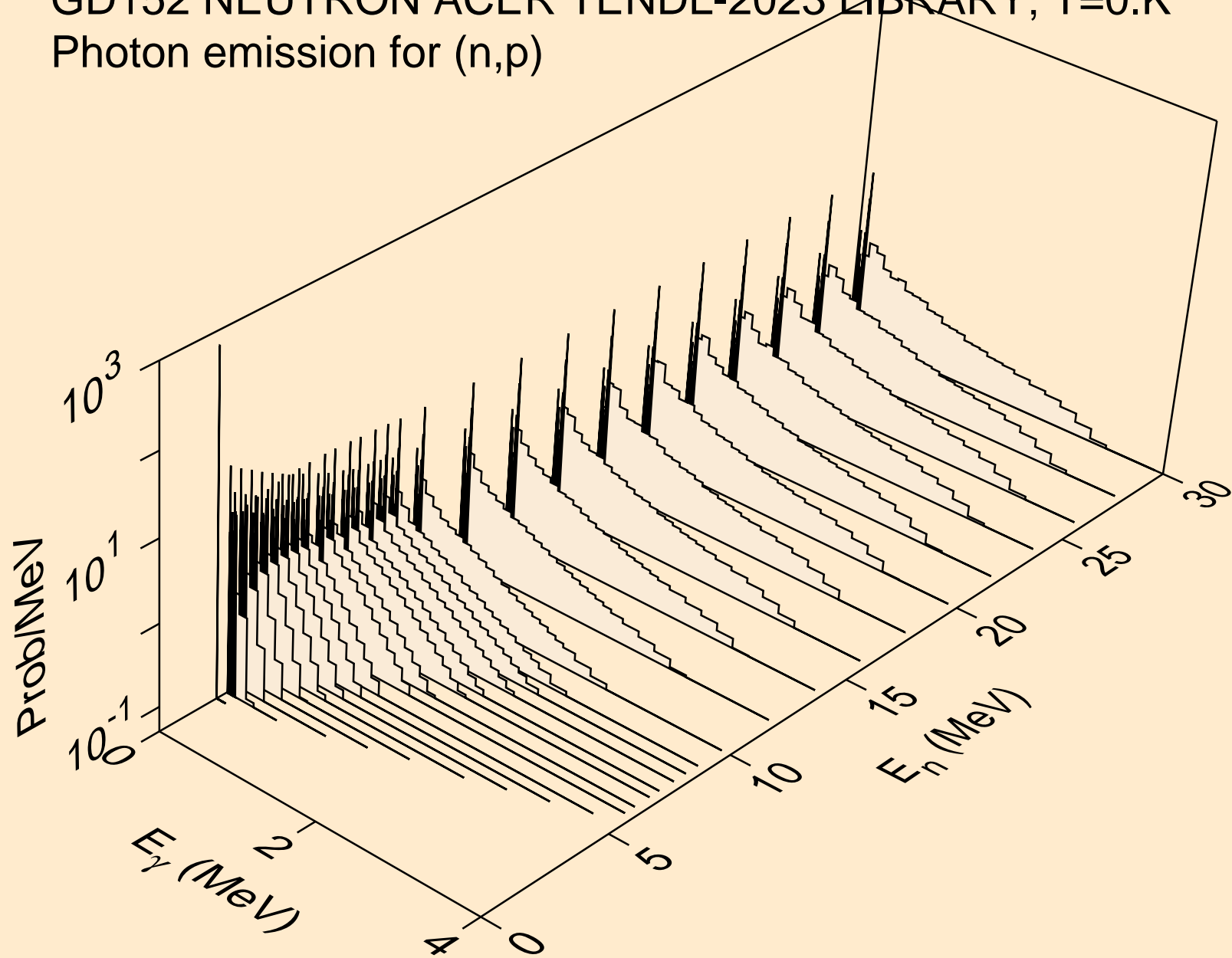
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



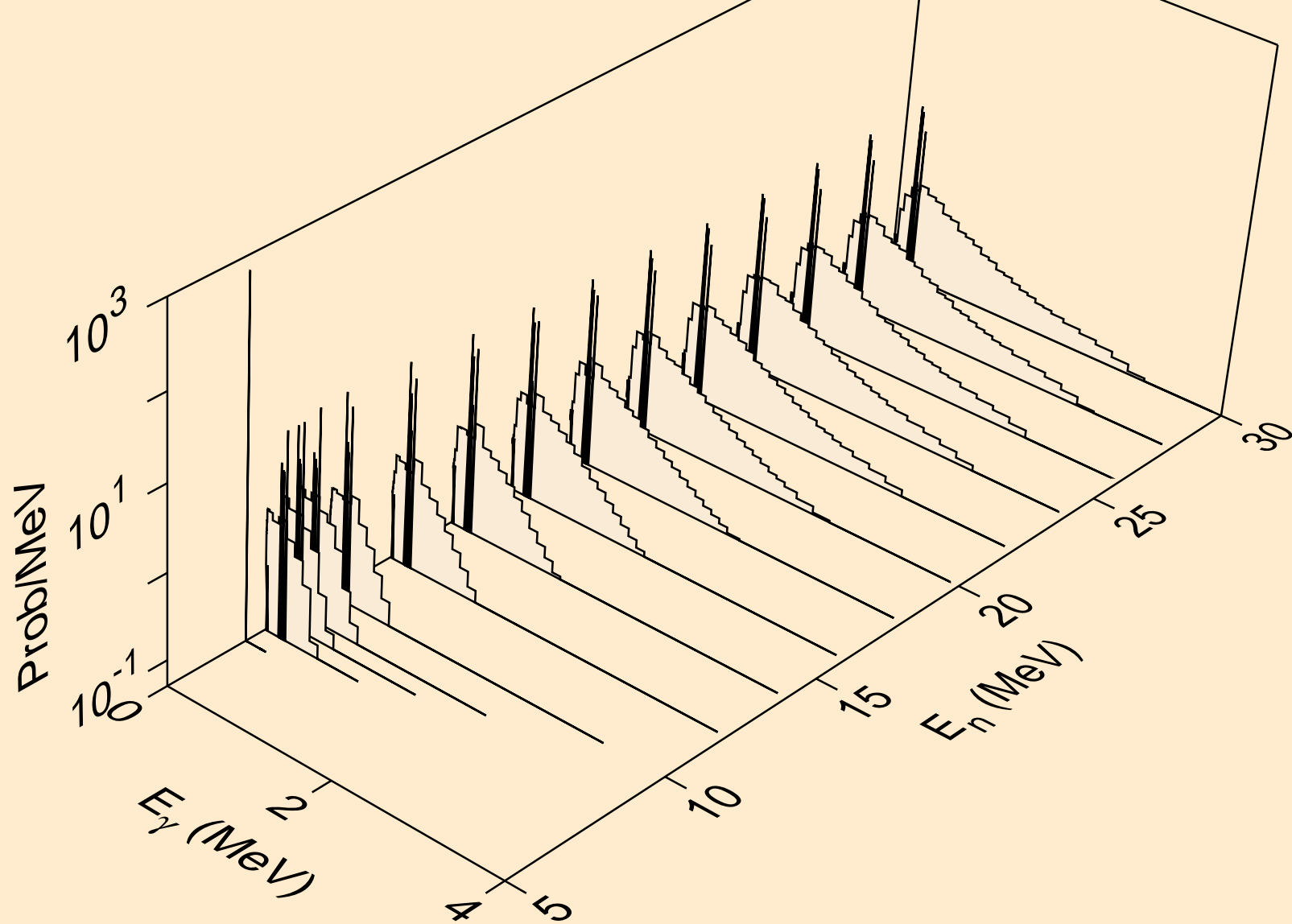
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



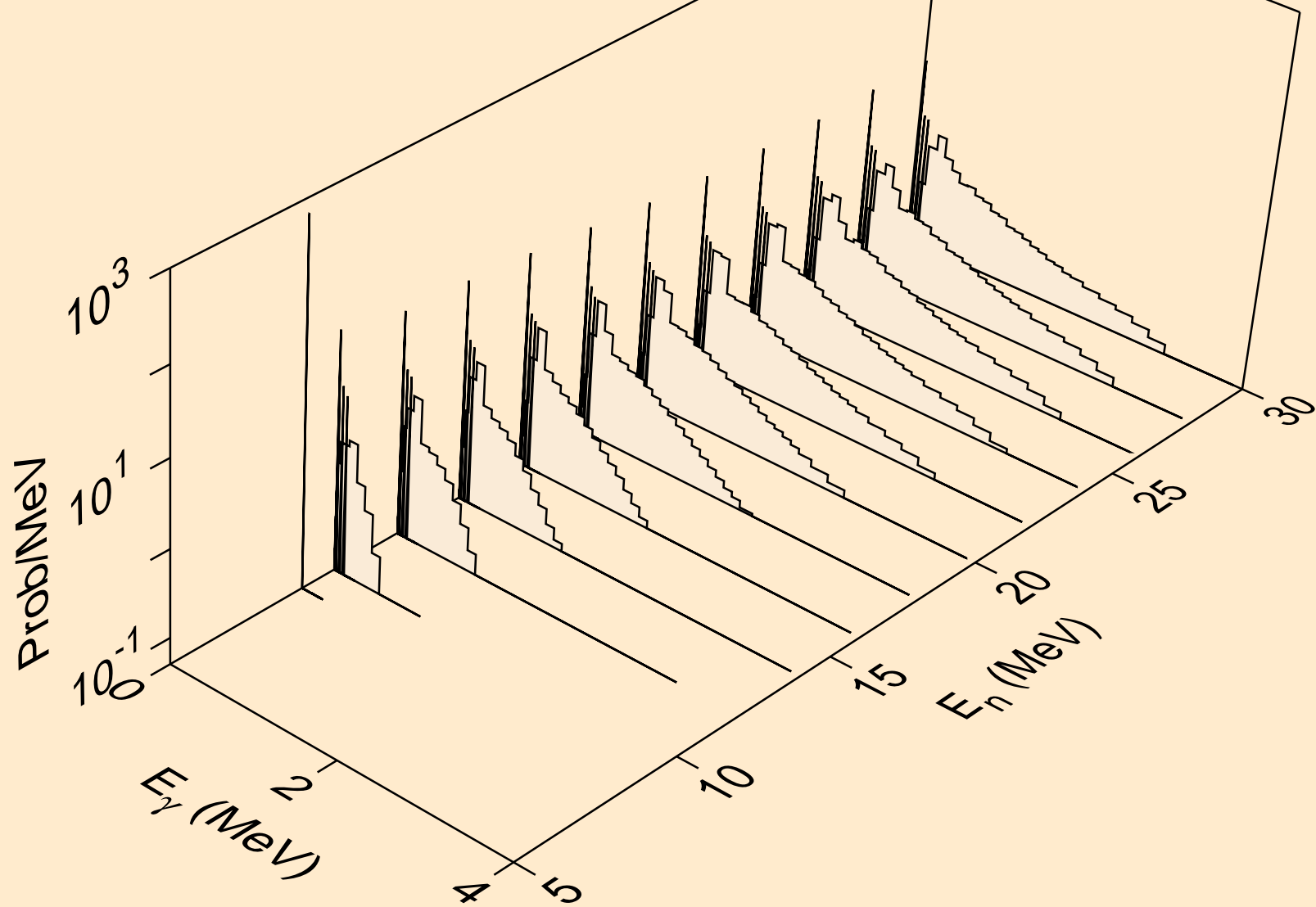
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



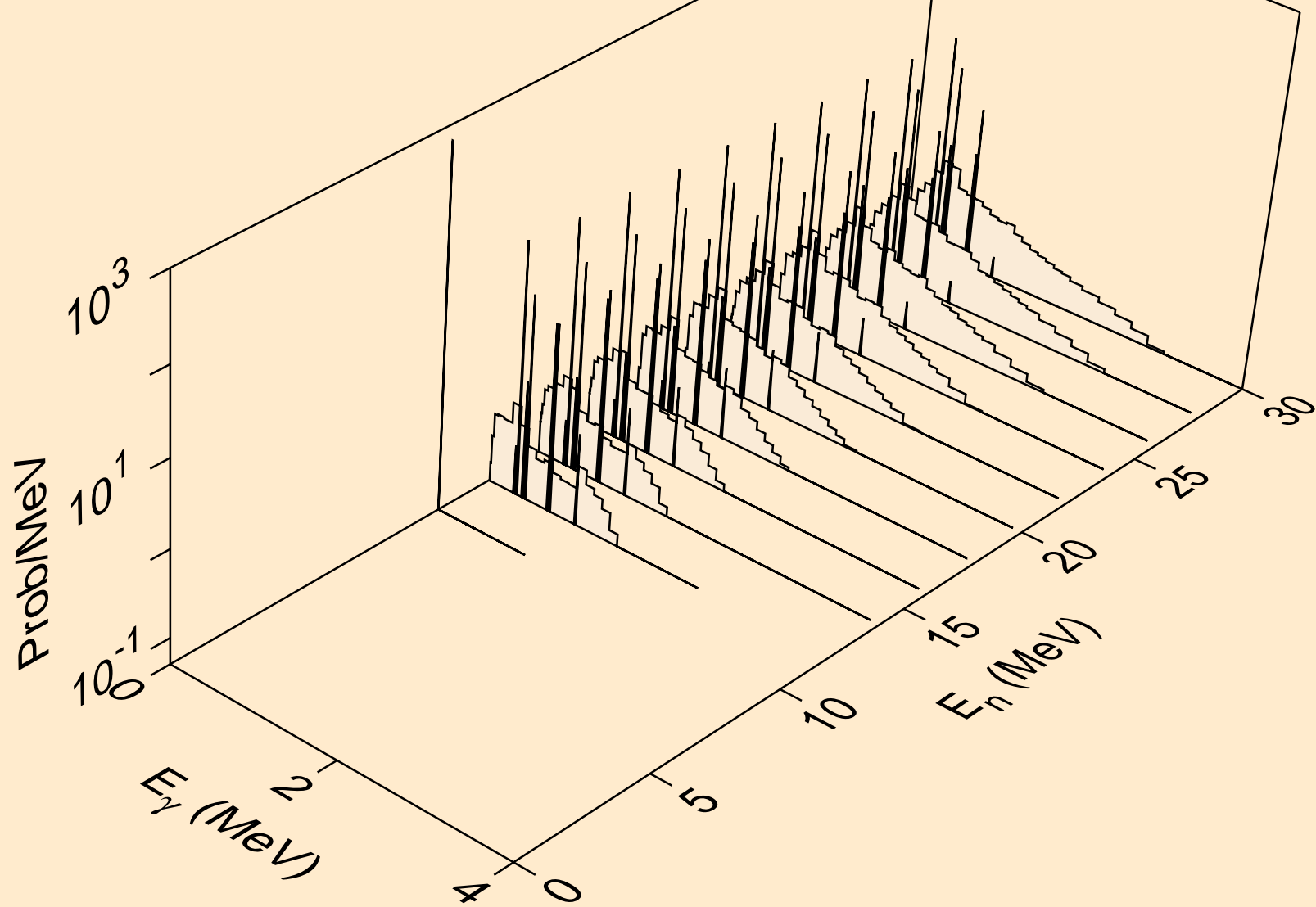
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



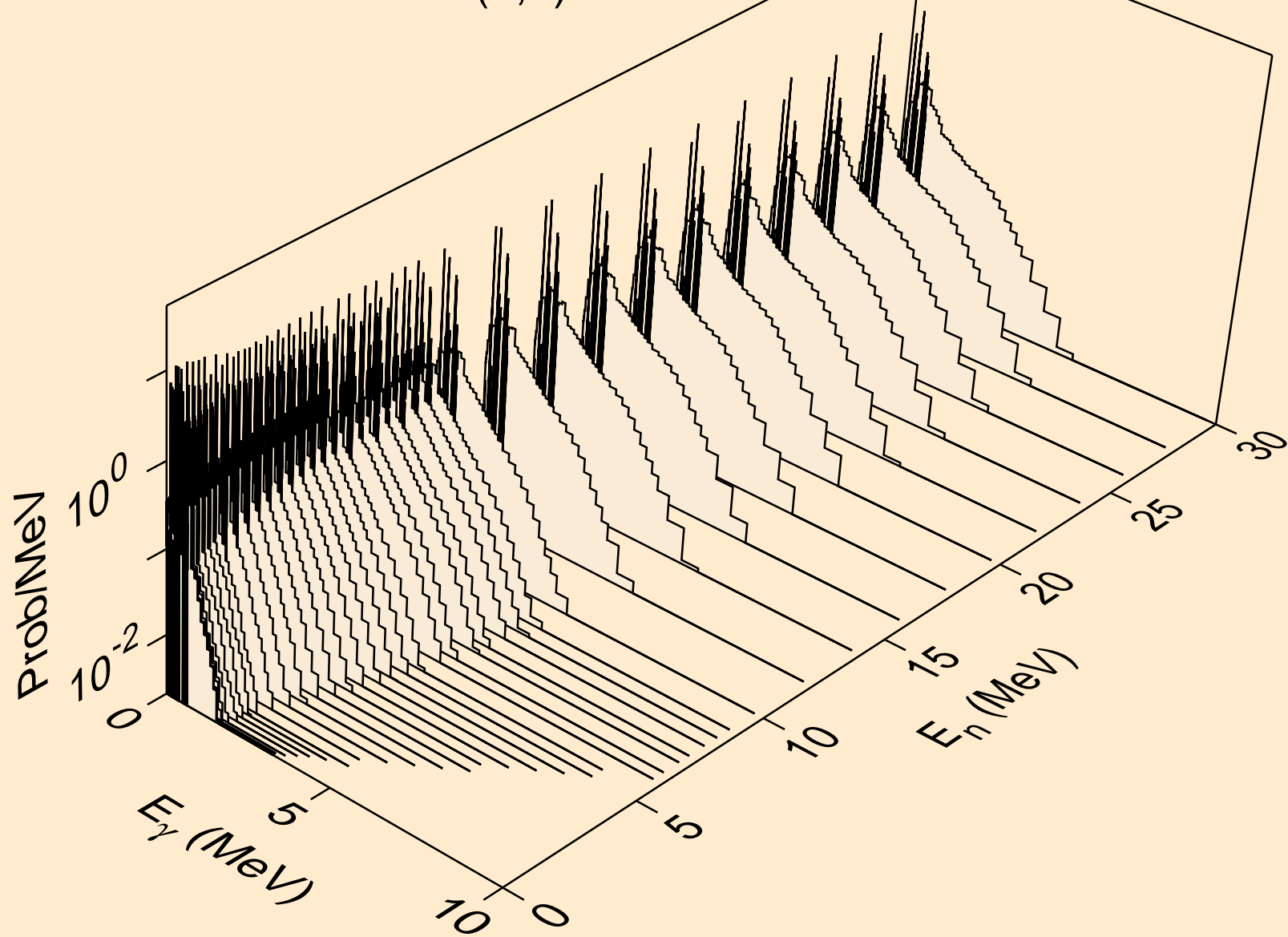
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



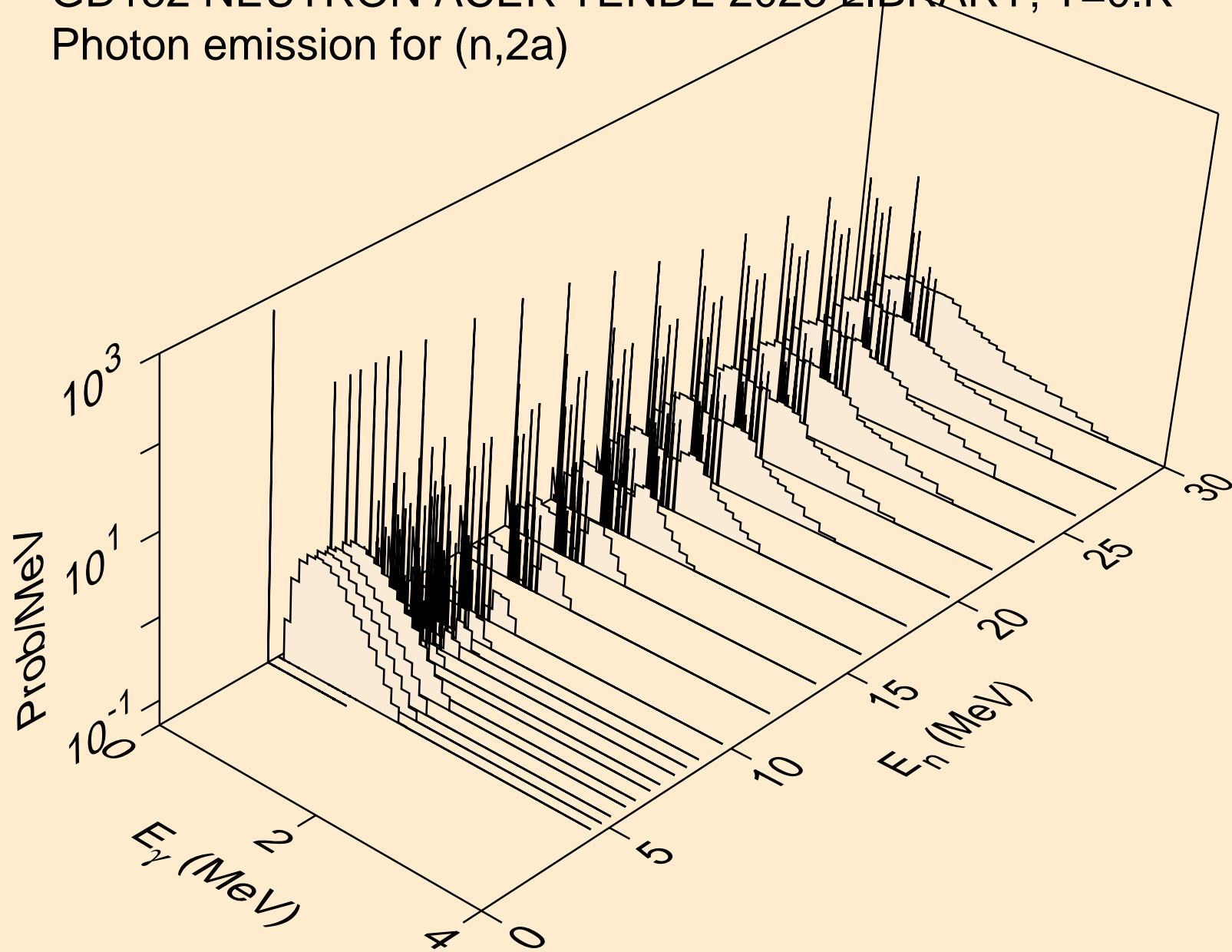
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



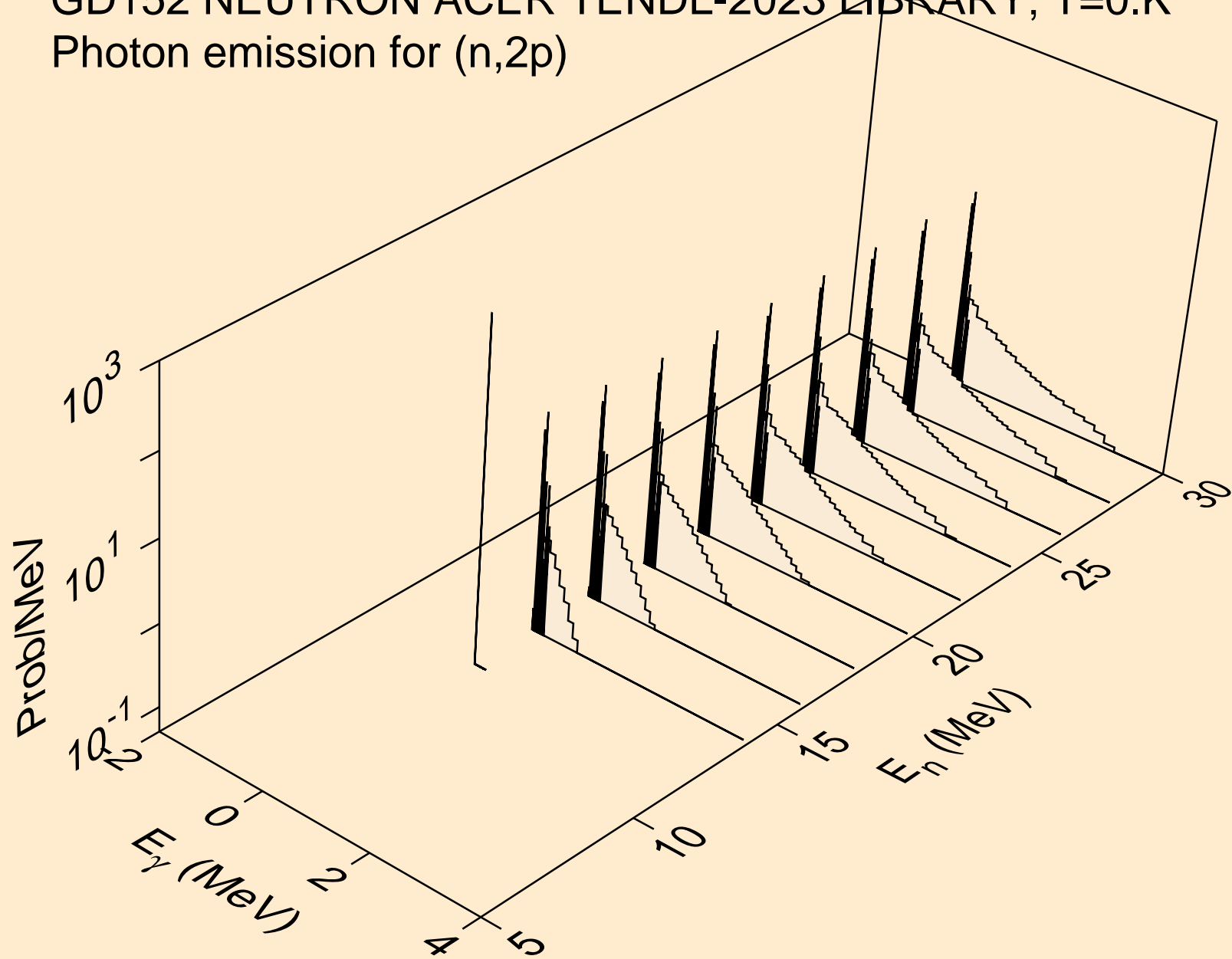
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



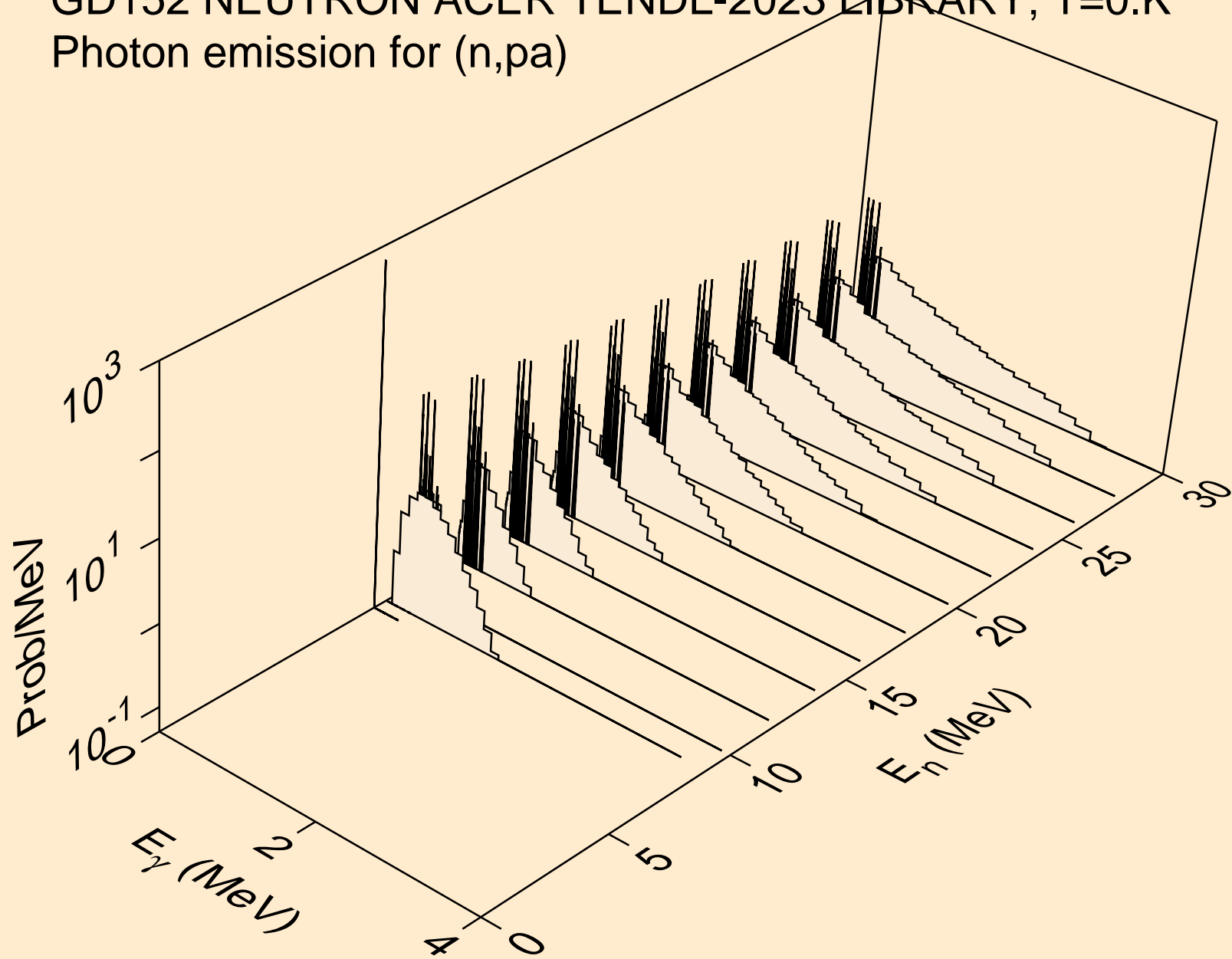
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



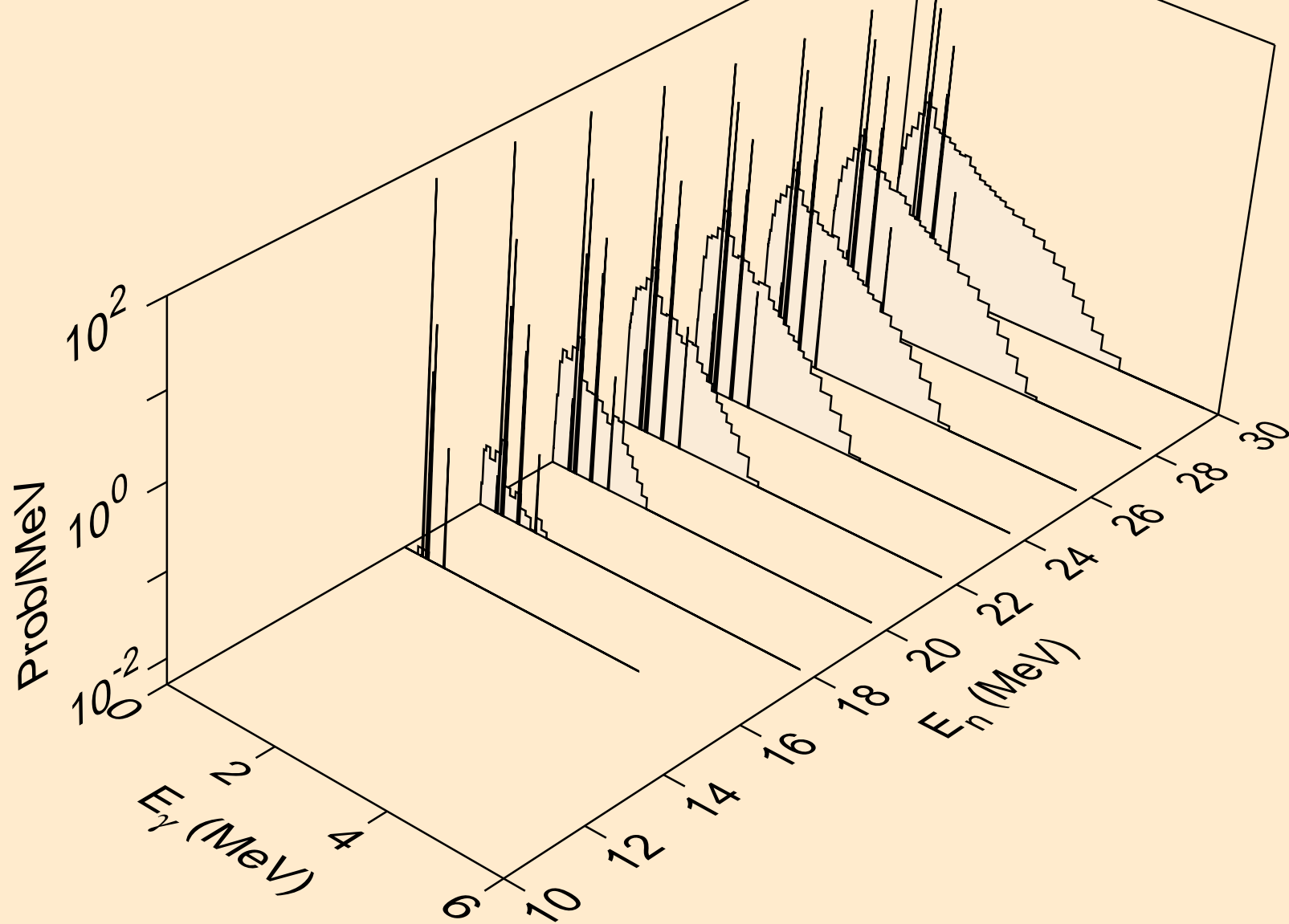
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



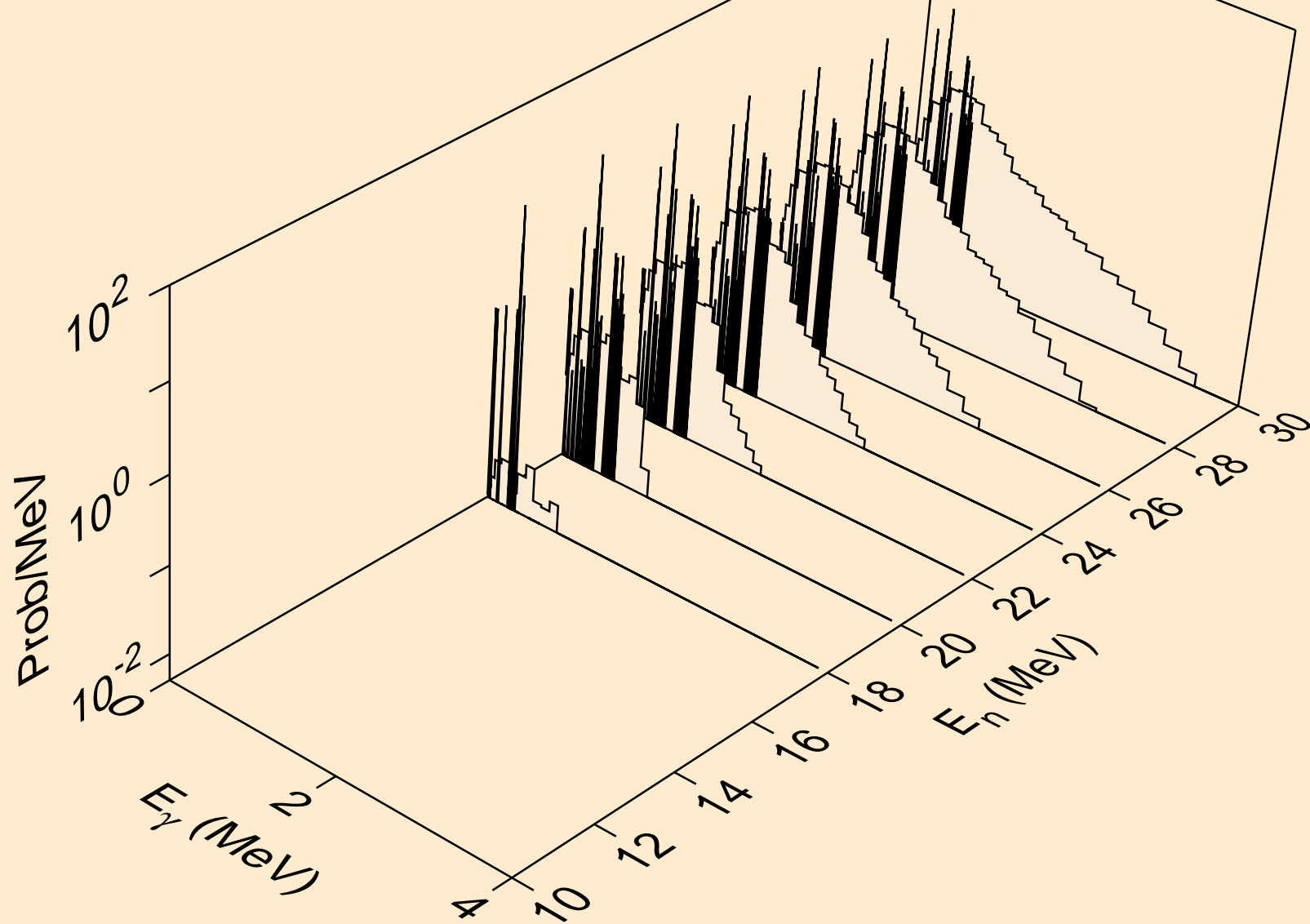
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



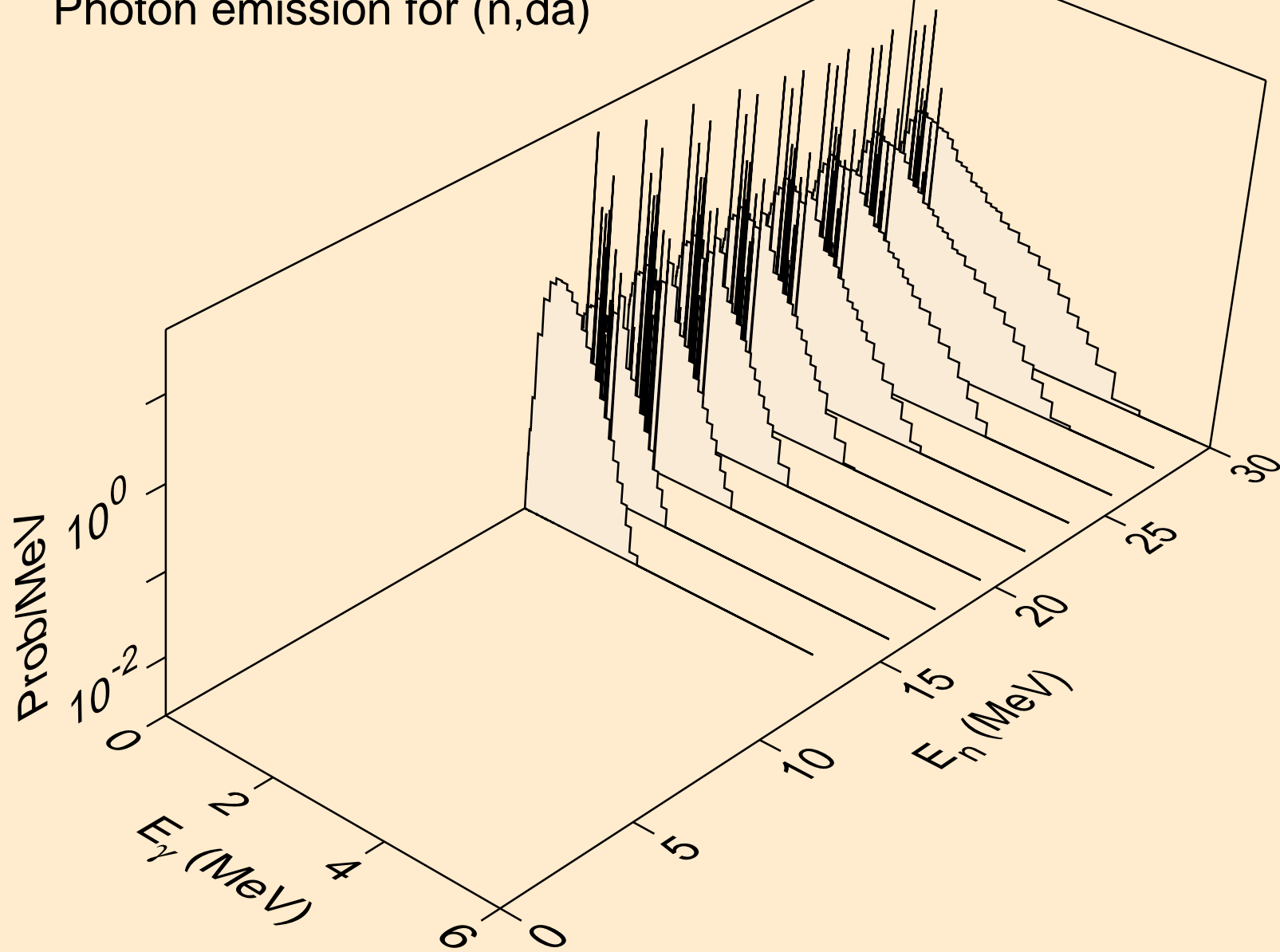
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



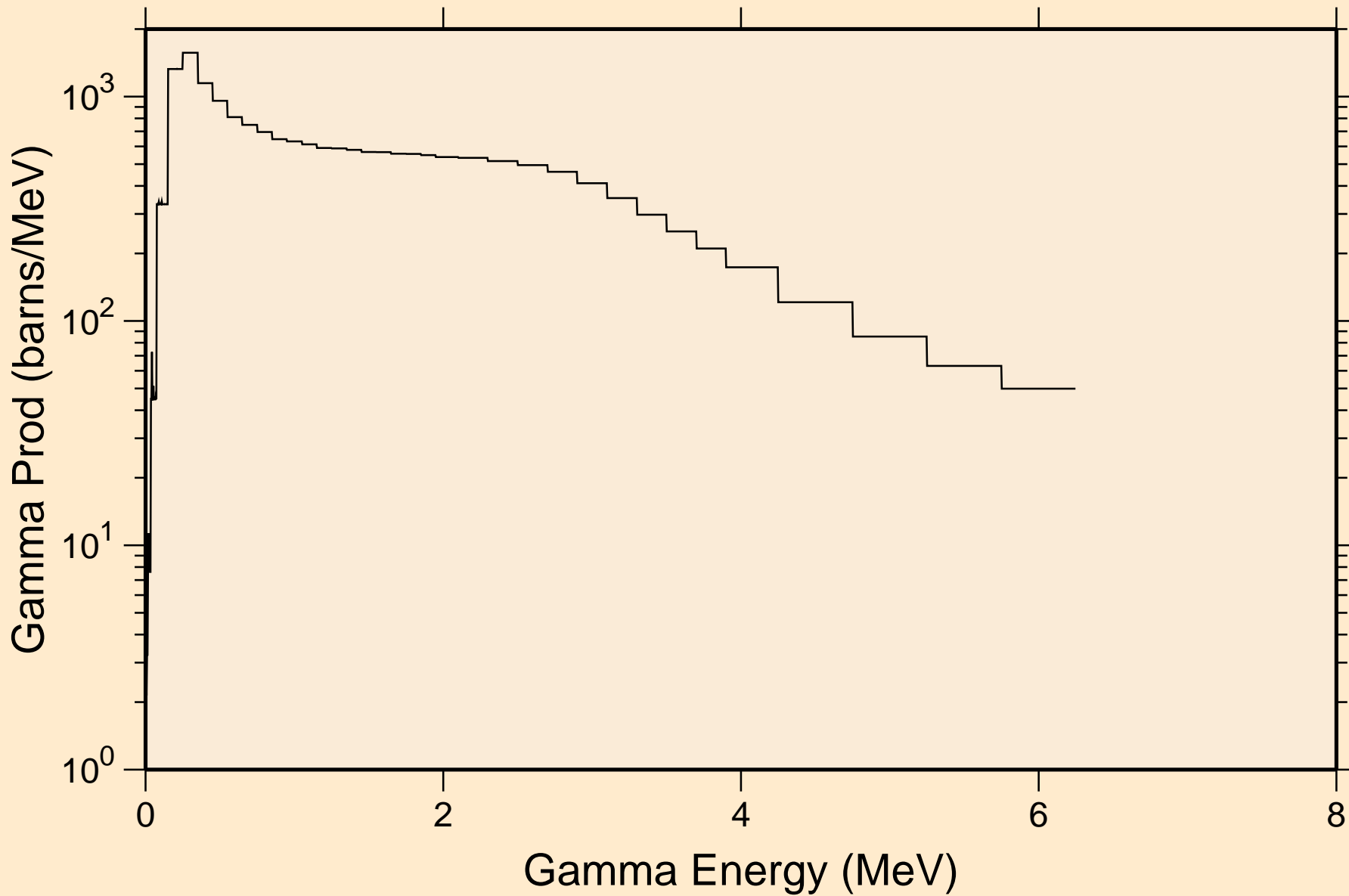
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



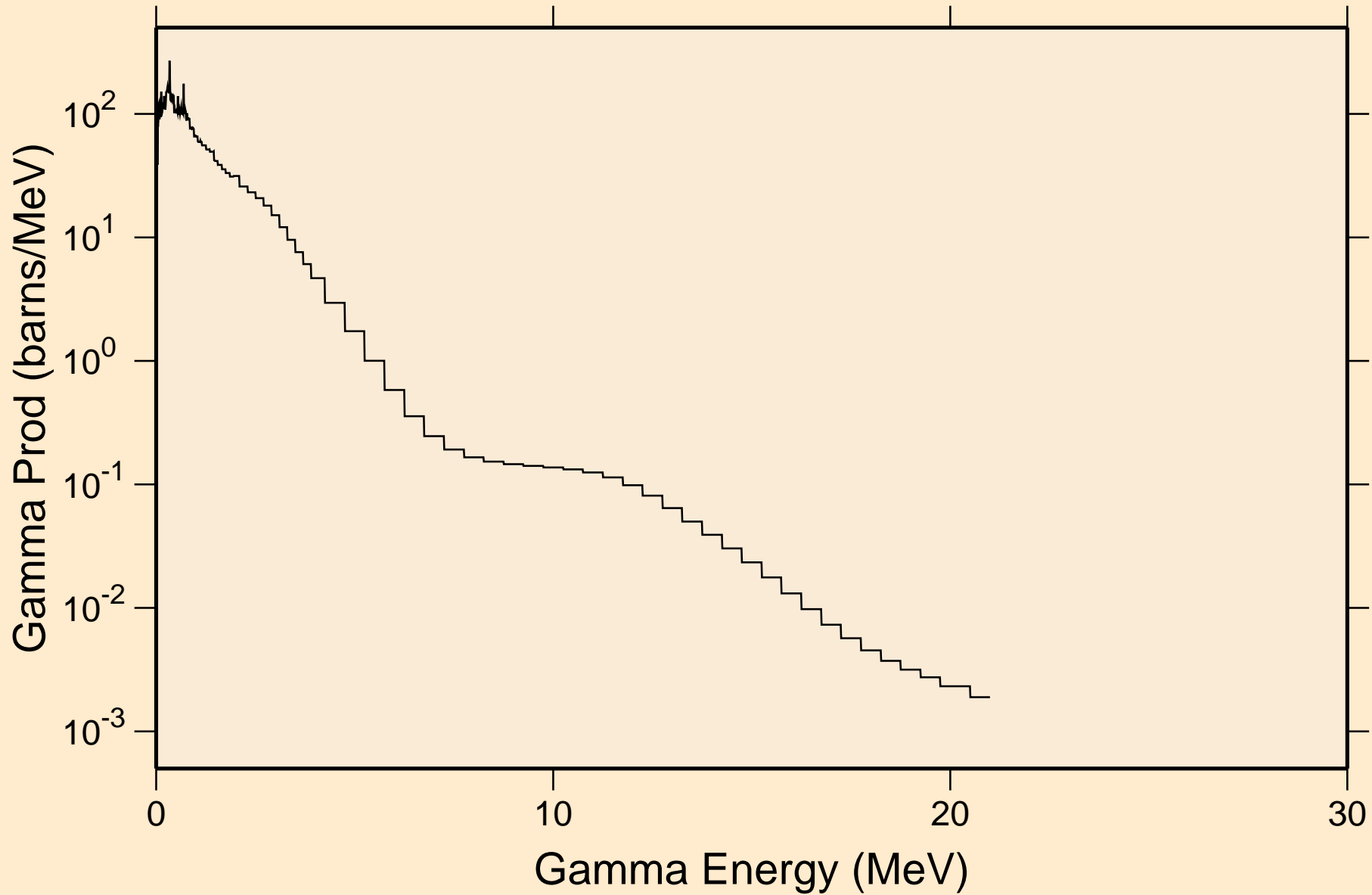
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

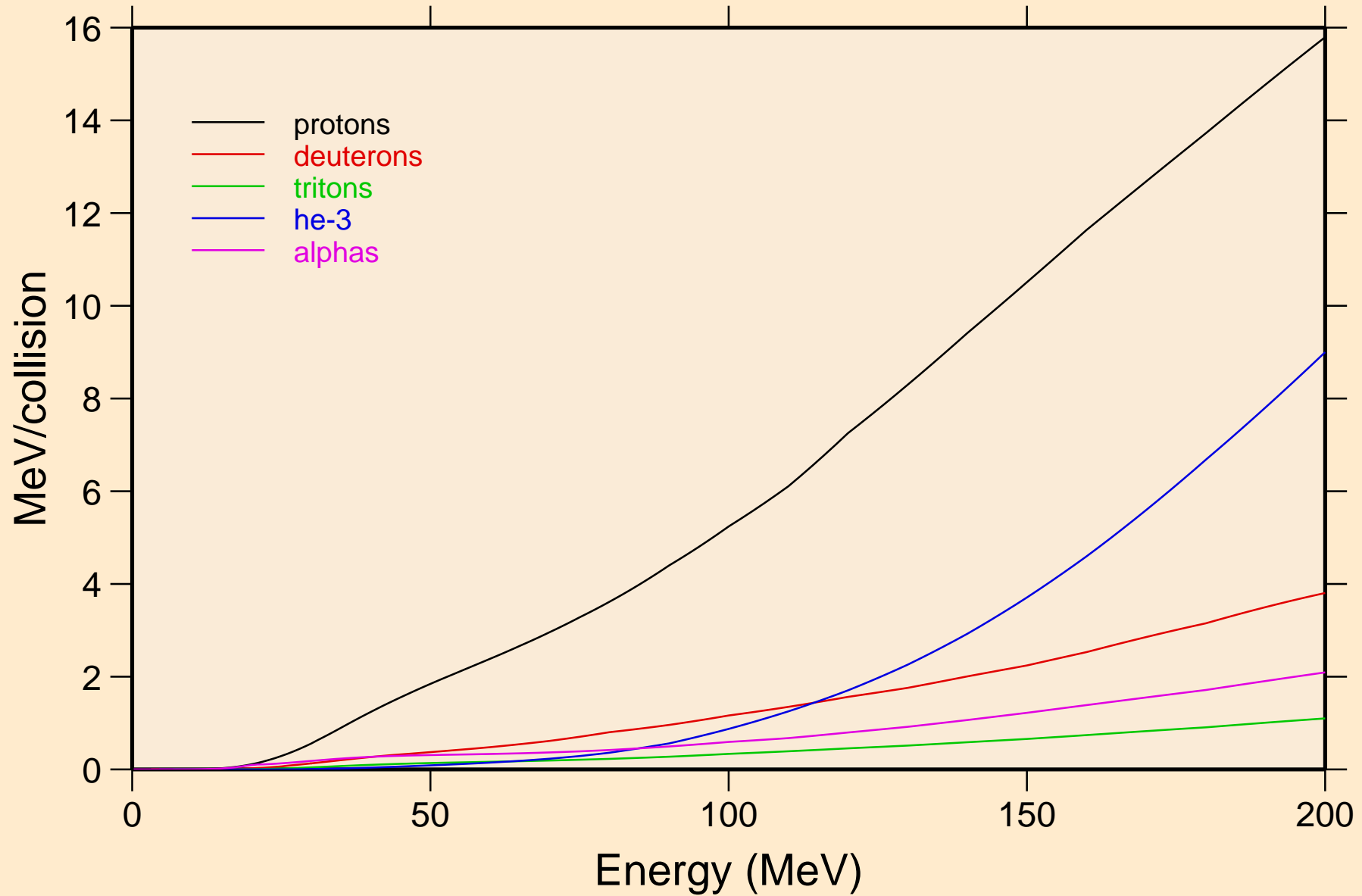


GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



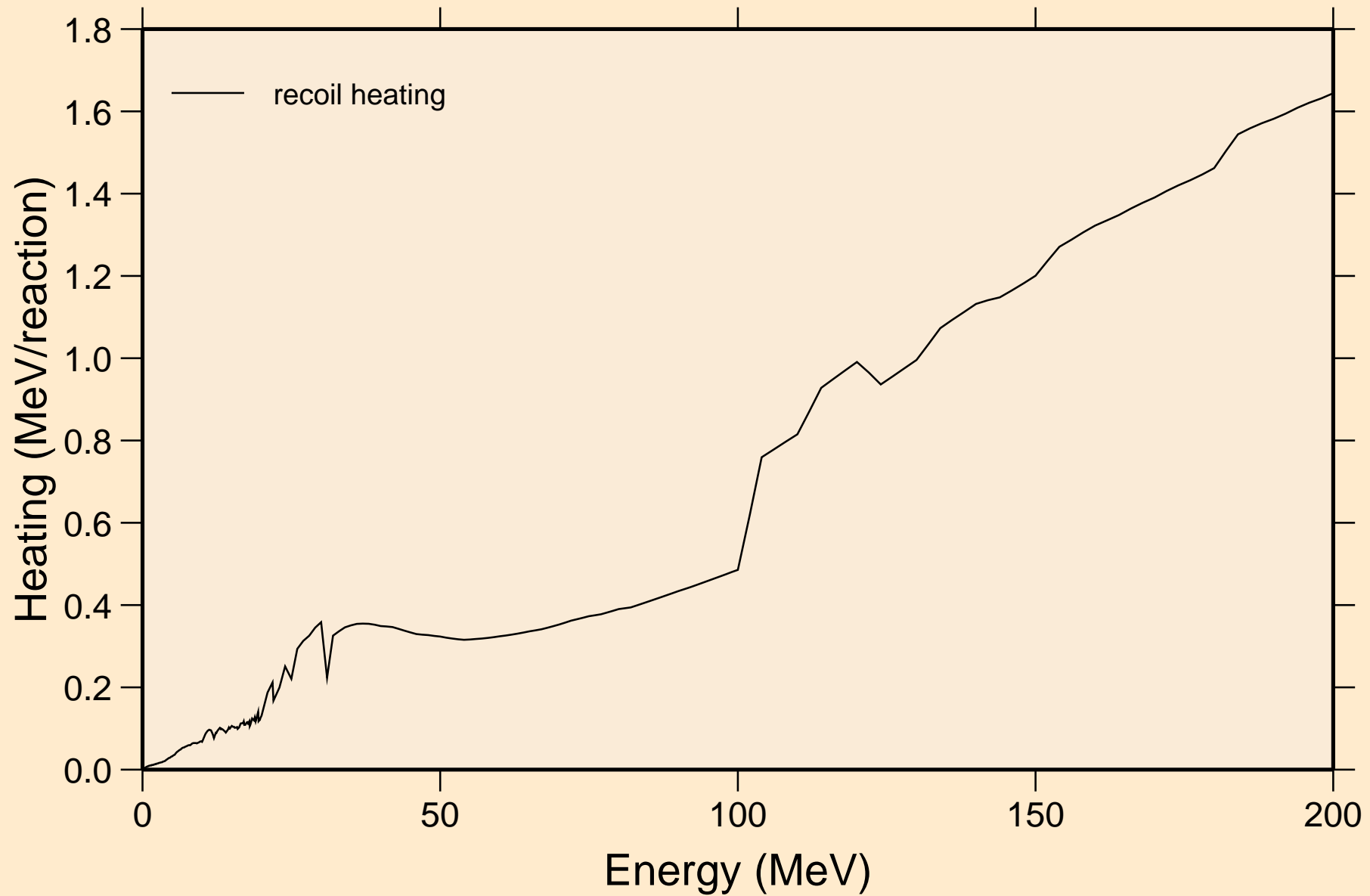
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



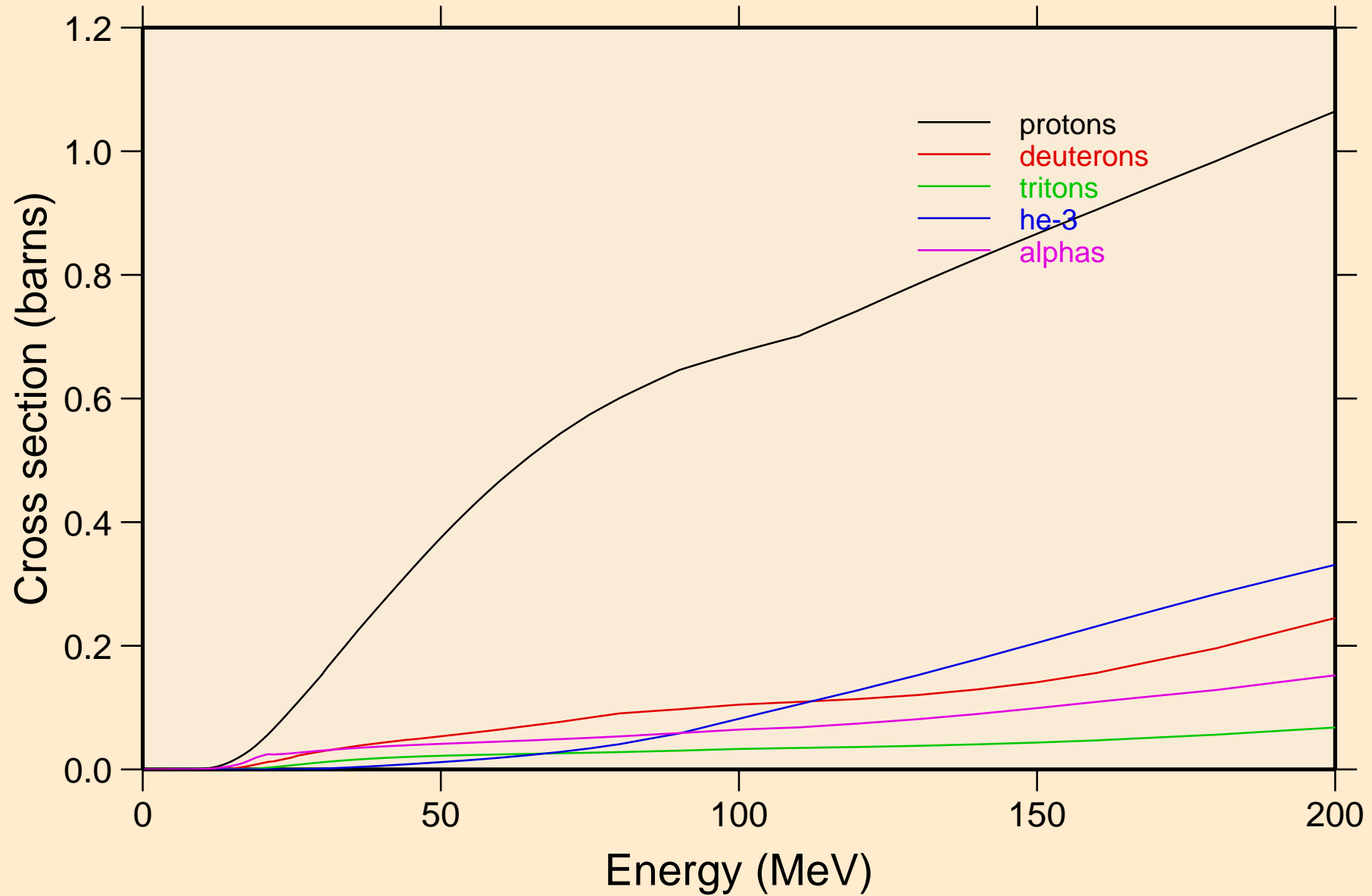
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

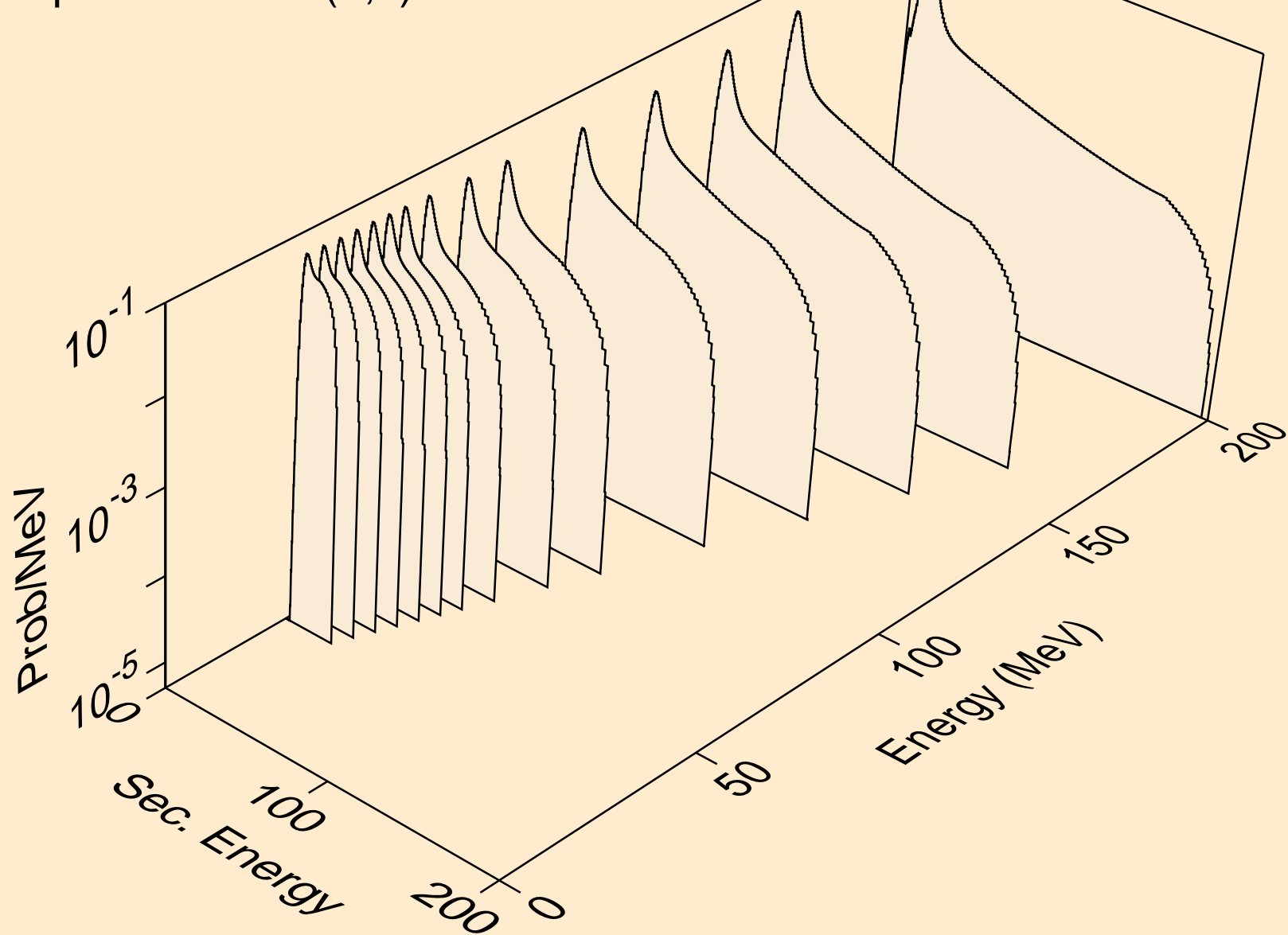


GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

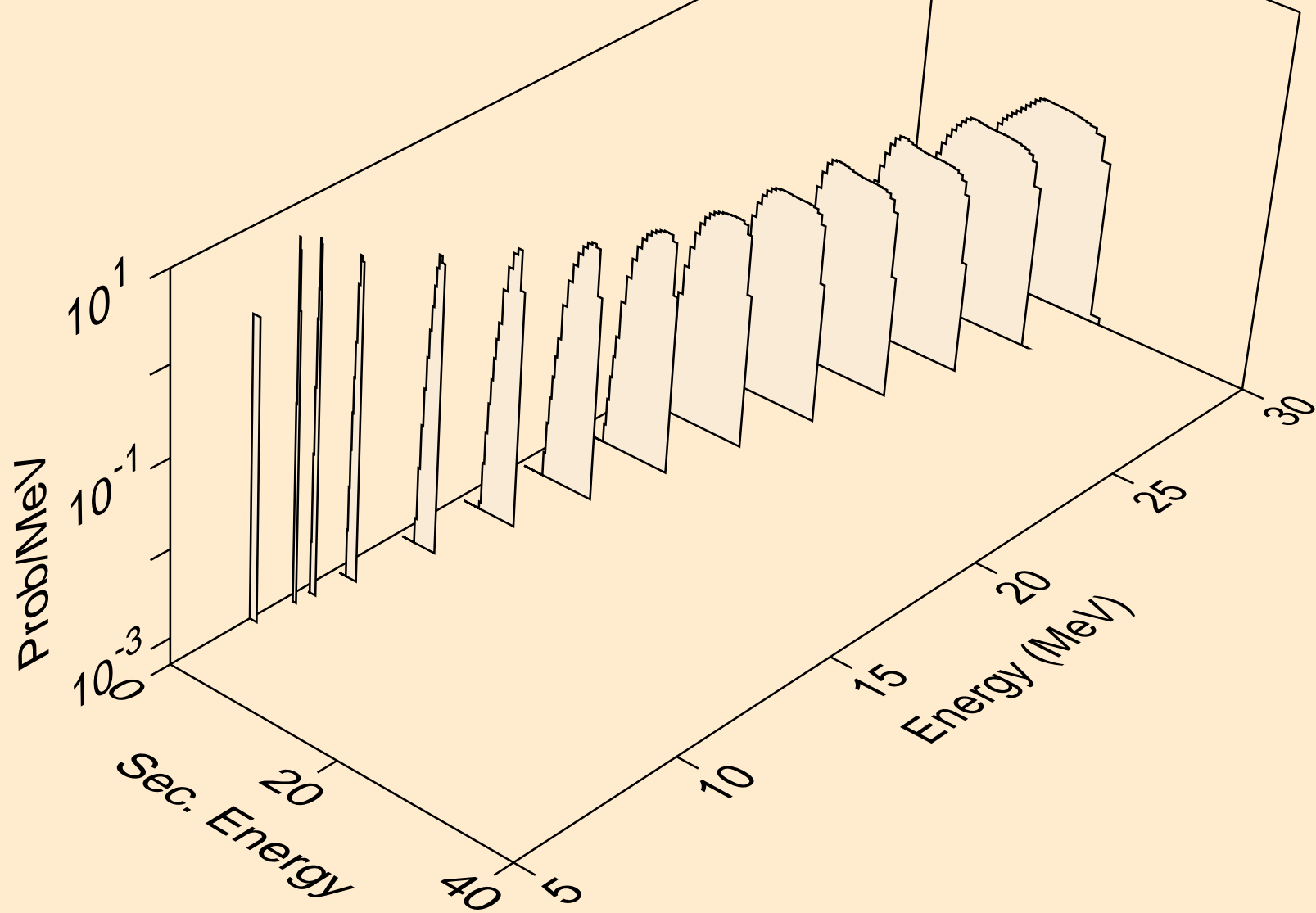
Particle production cross sections



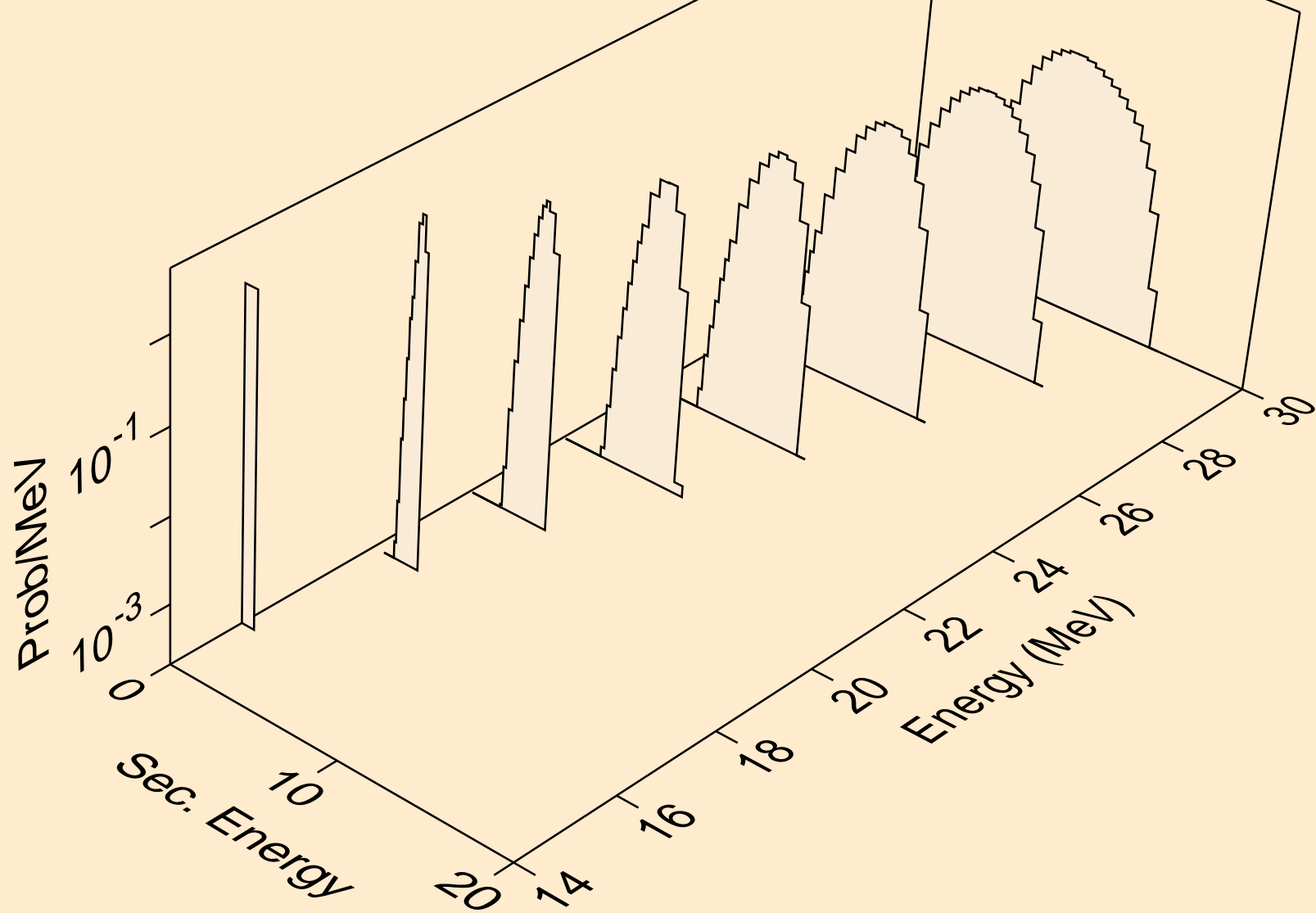
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



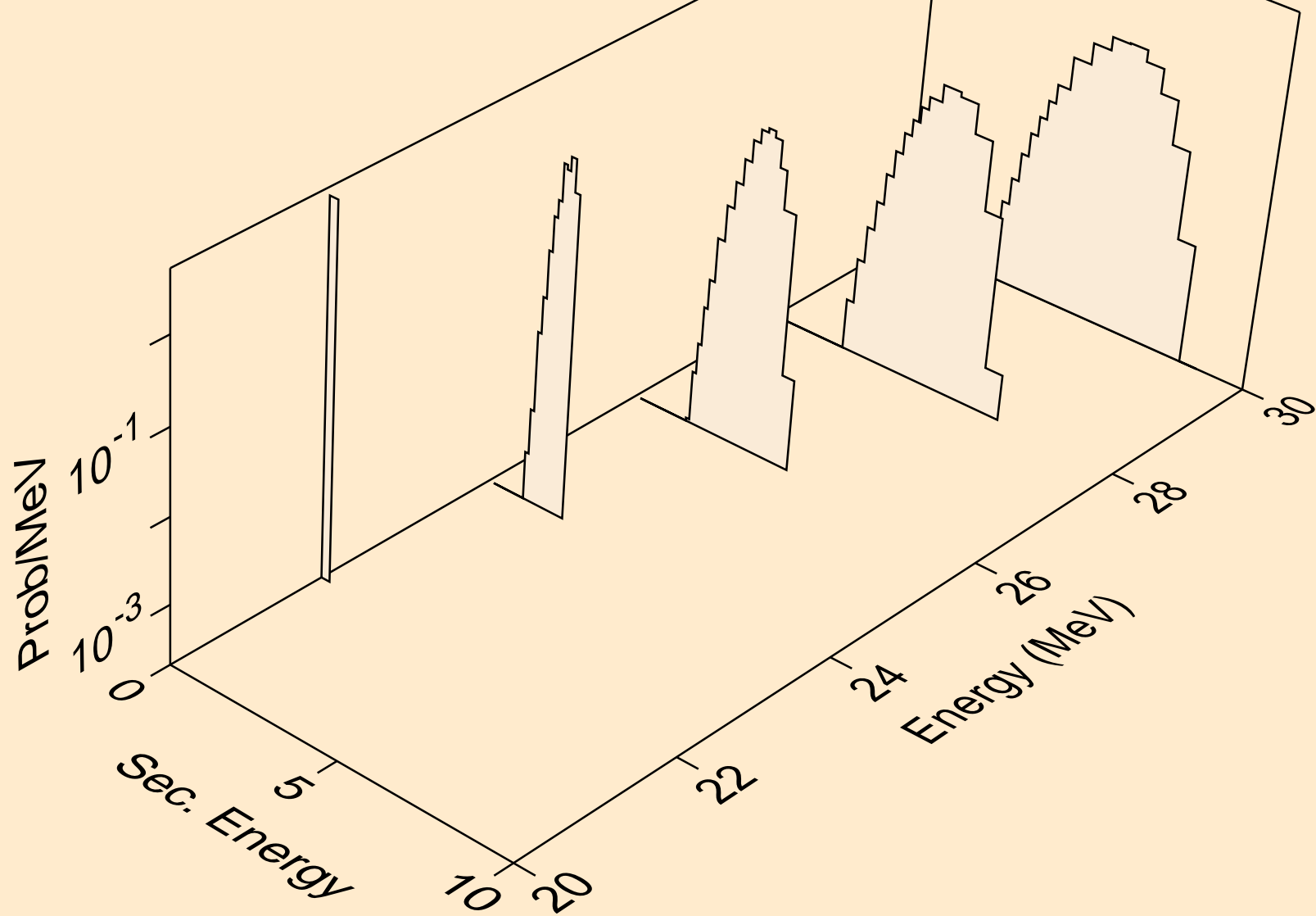
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



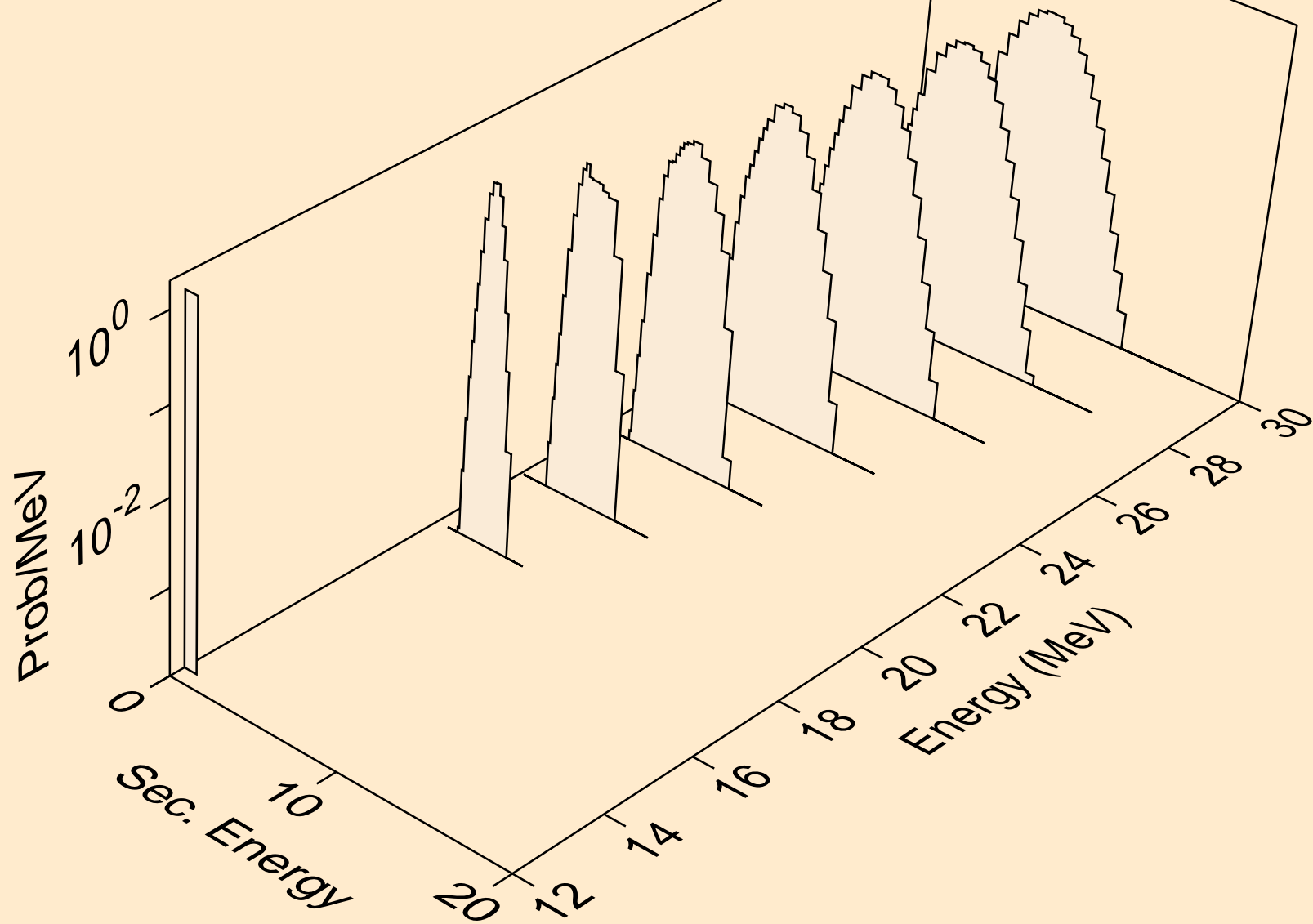
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



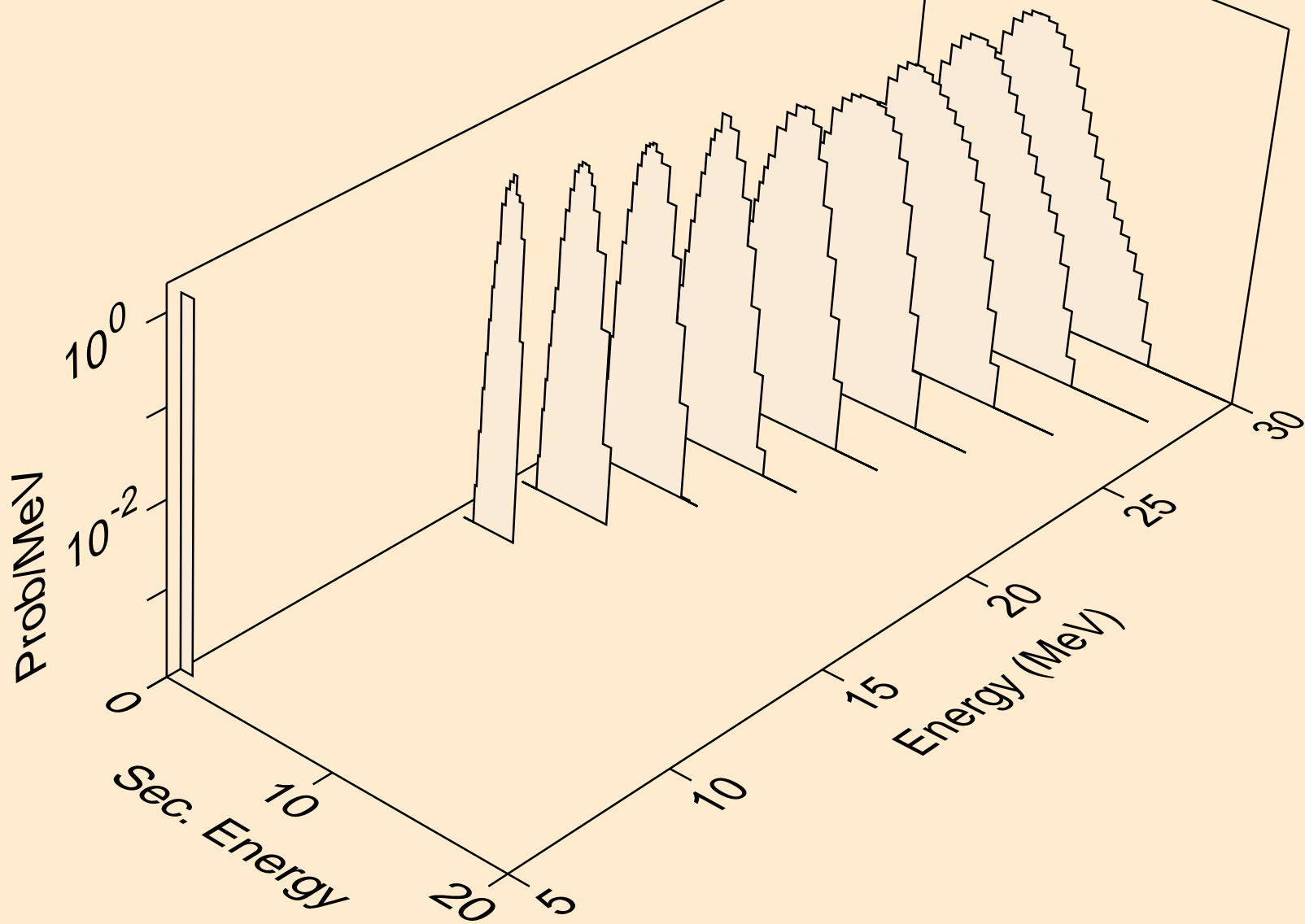
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protons from (n,3np)



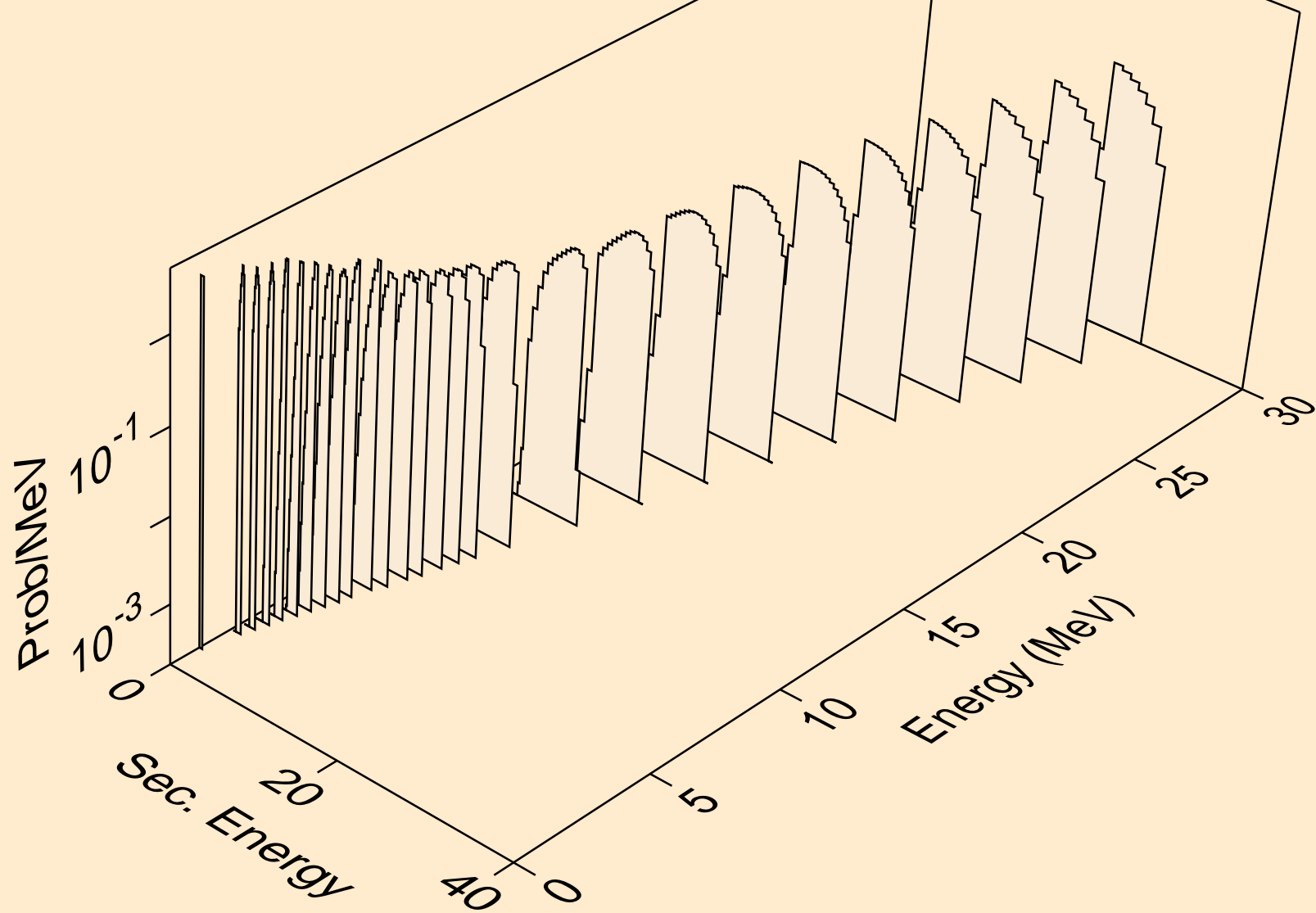
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protons from (n,n2p)



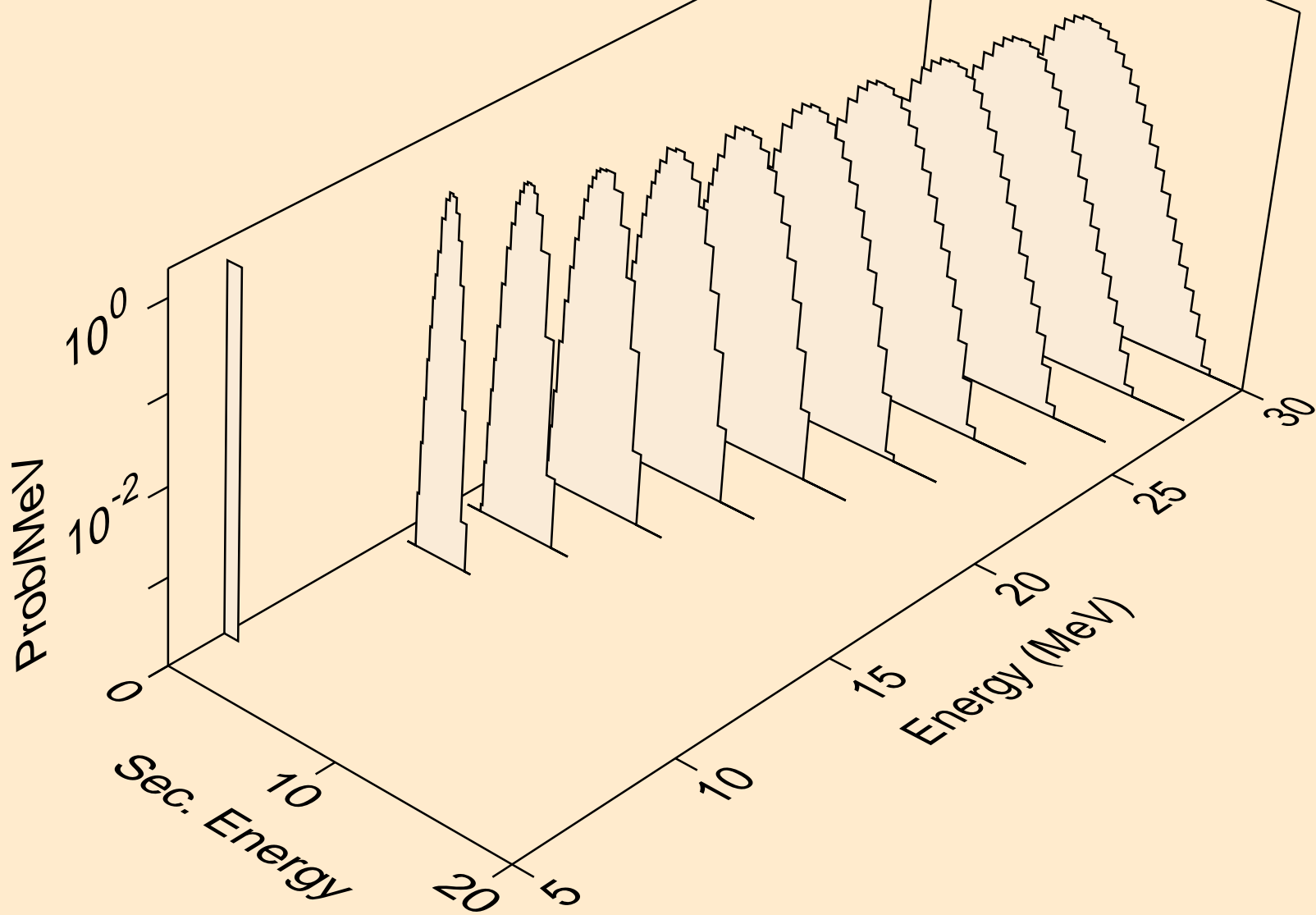
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protons from (n,npa)



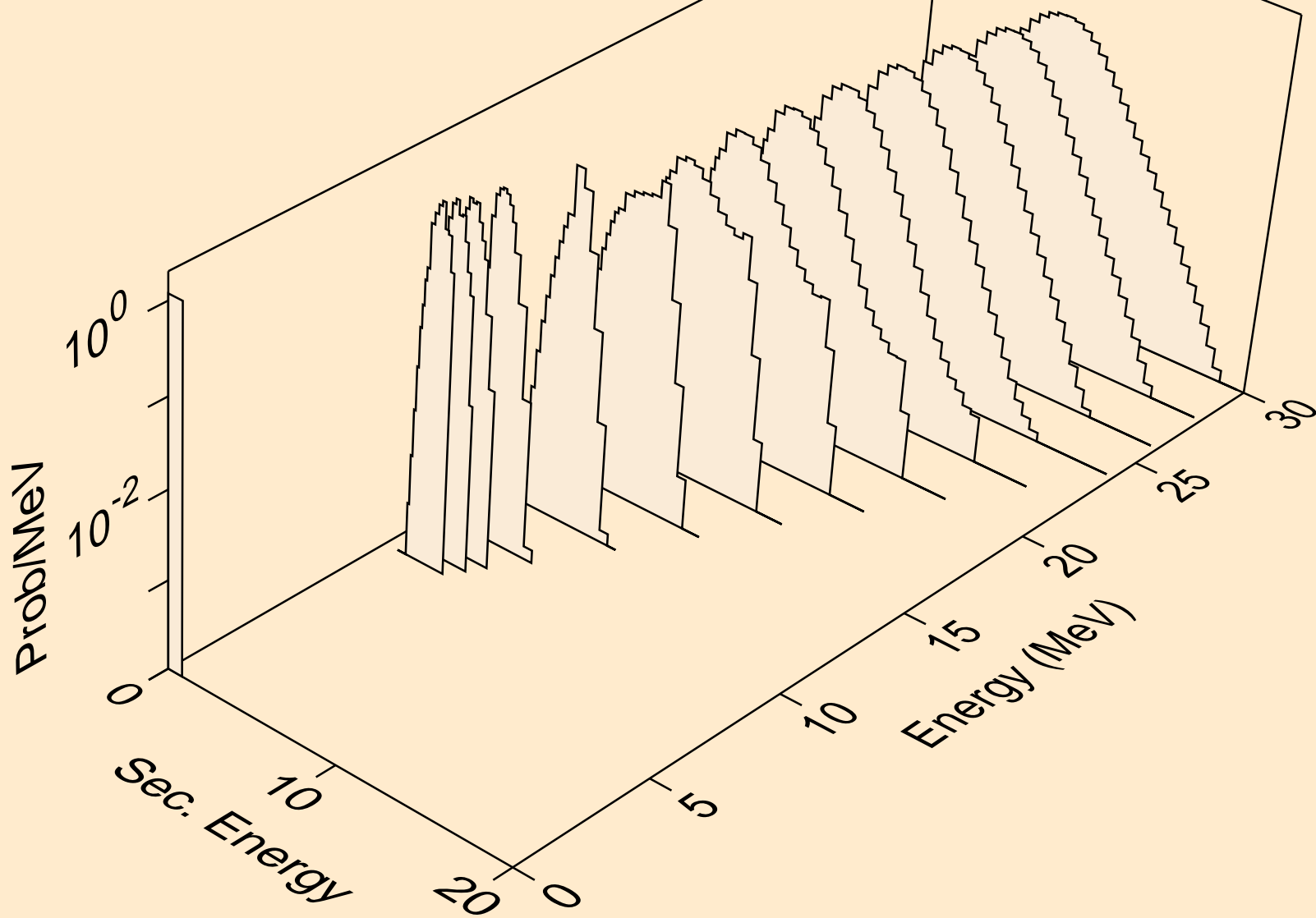
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protons from (n,p)



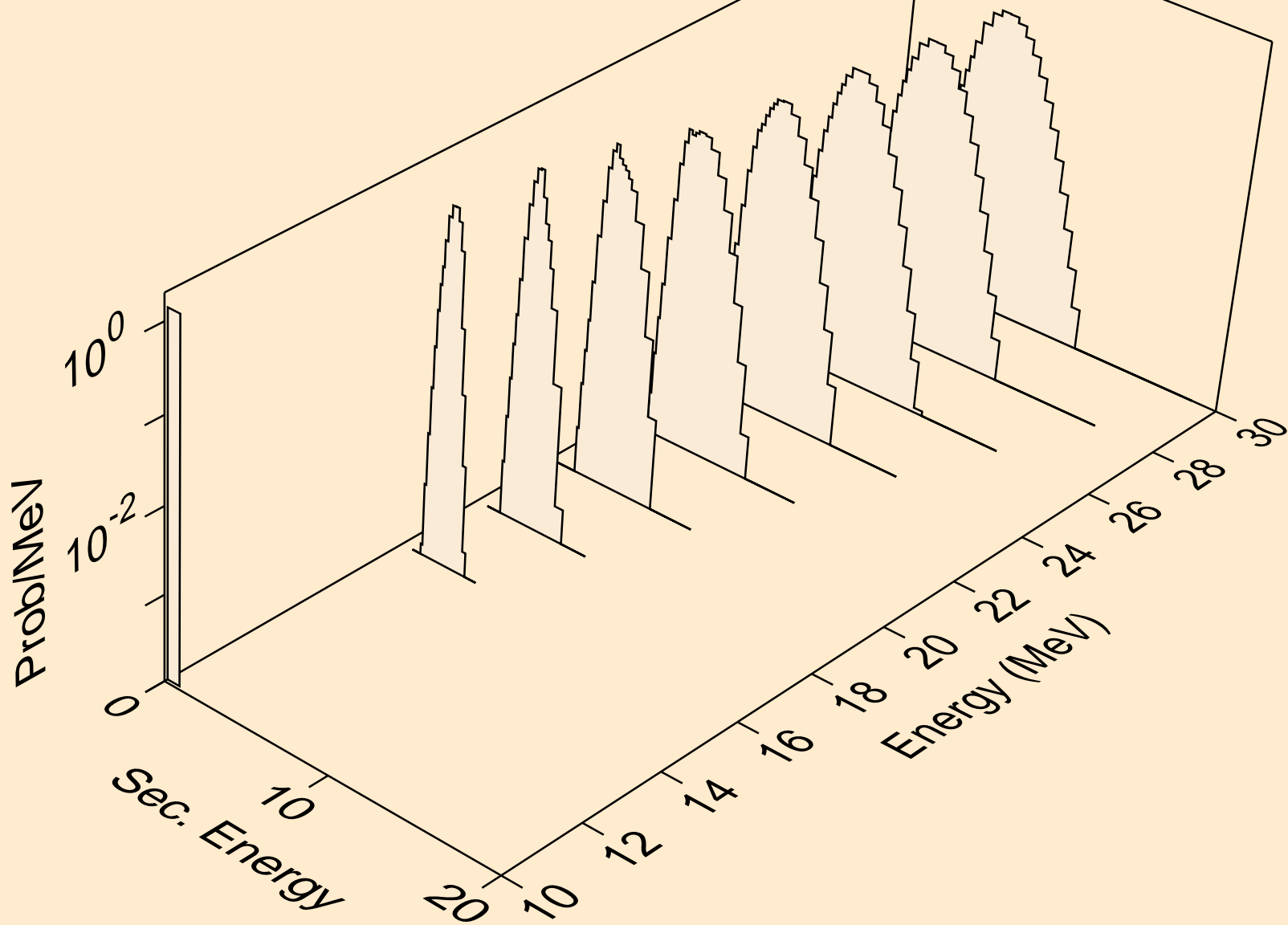
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protons from (n,2p)



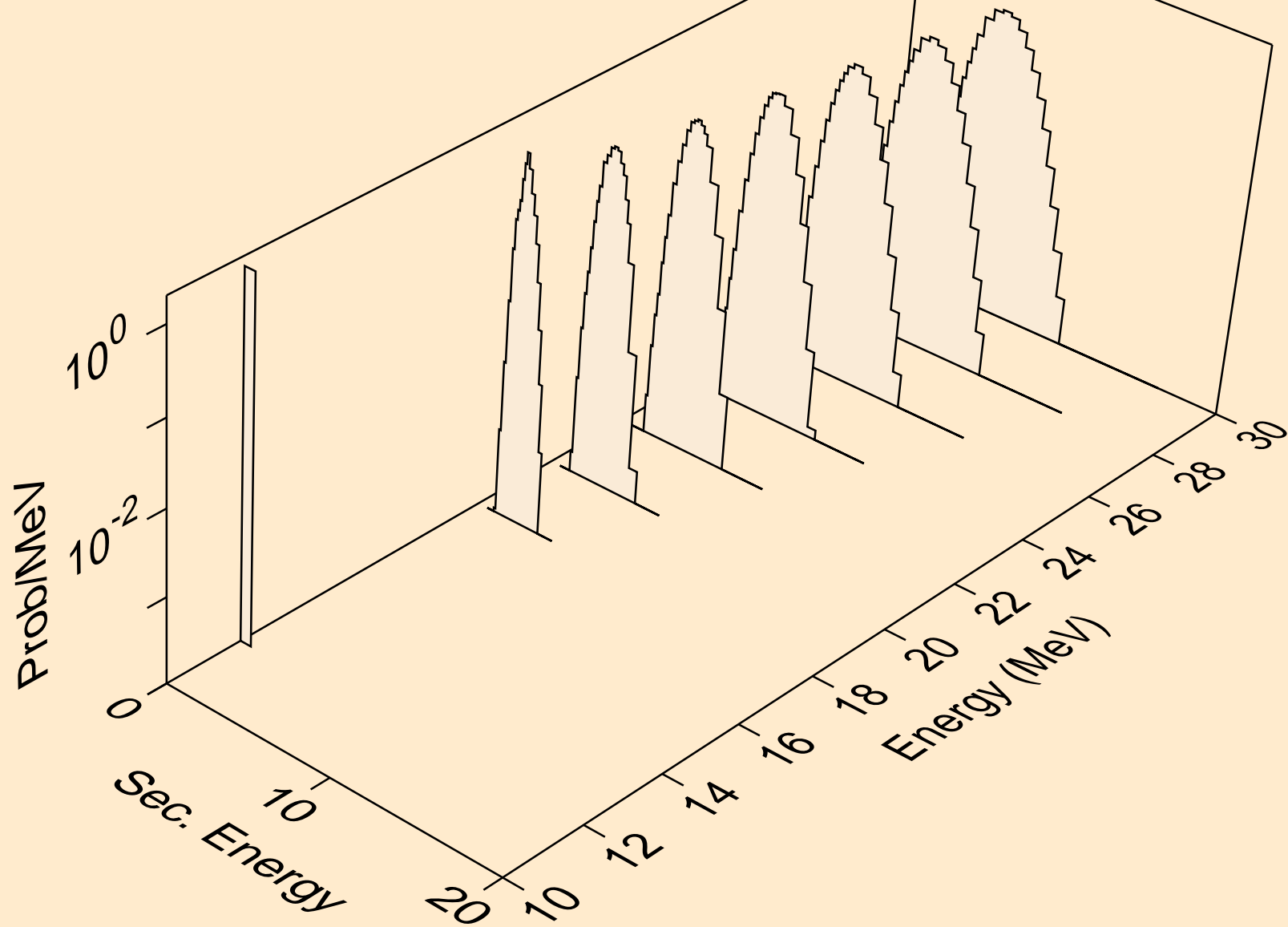
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protons from (n,p)



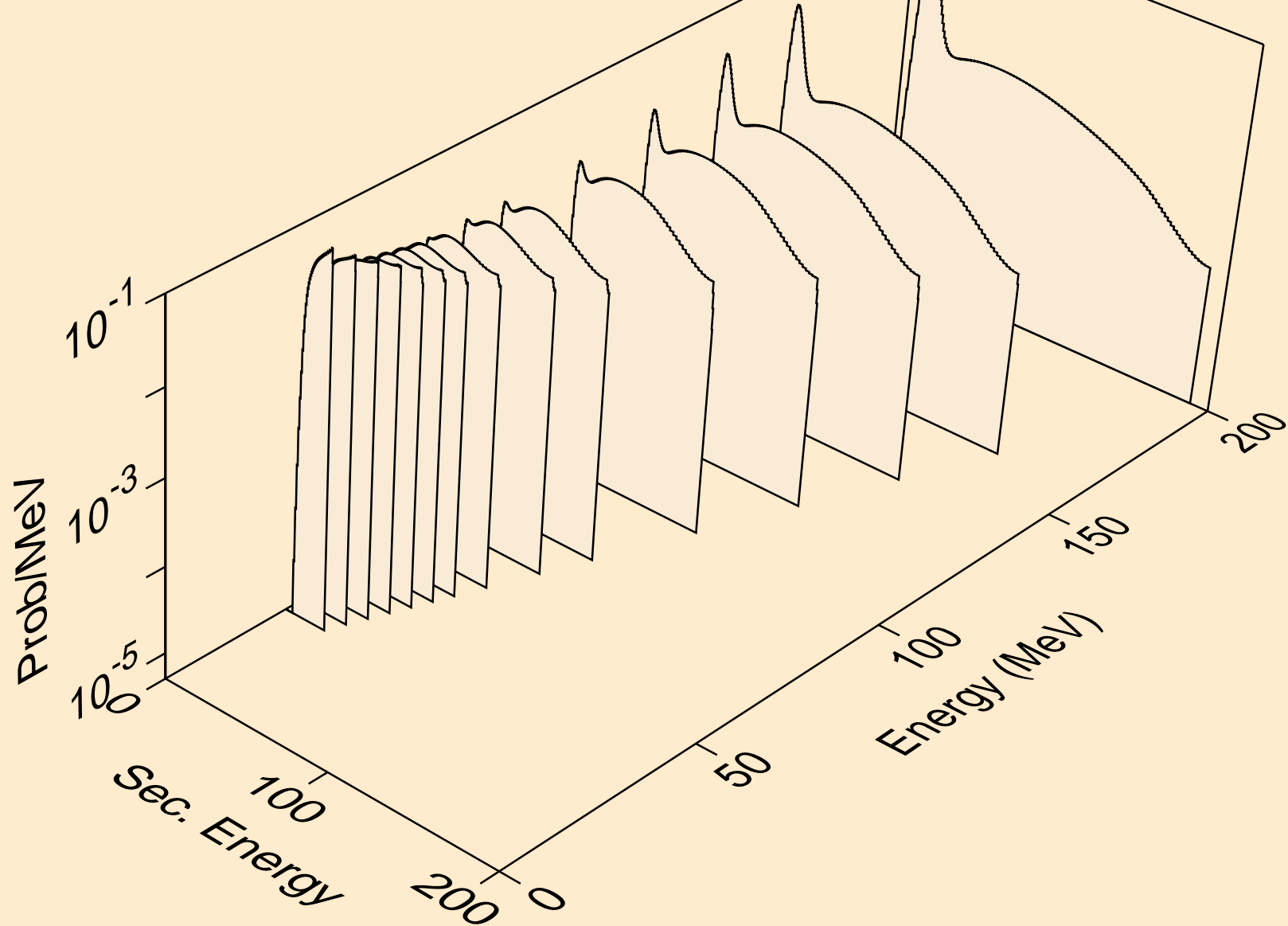
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protons from (n,pd)



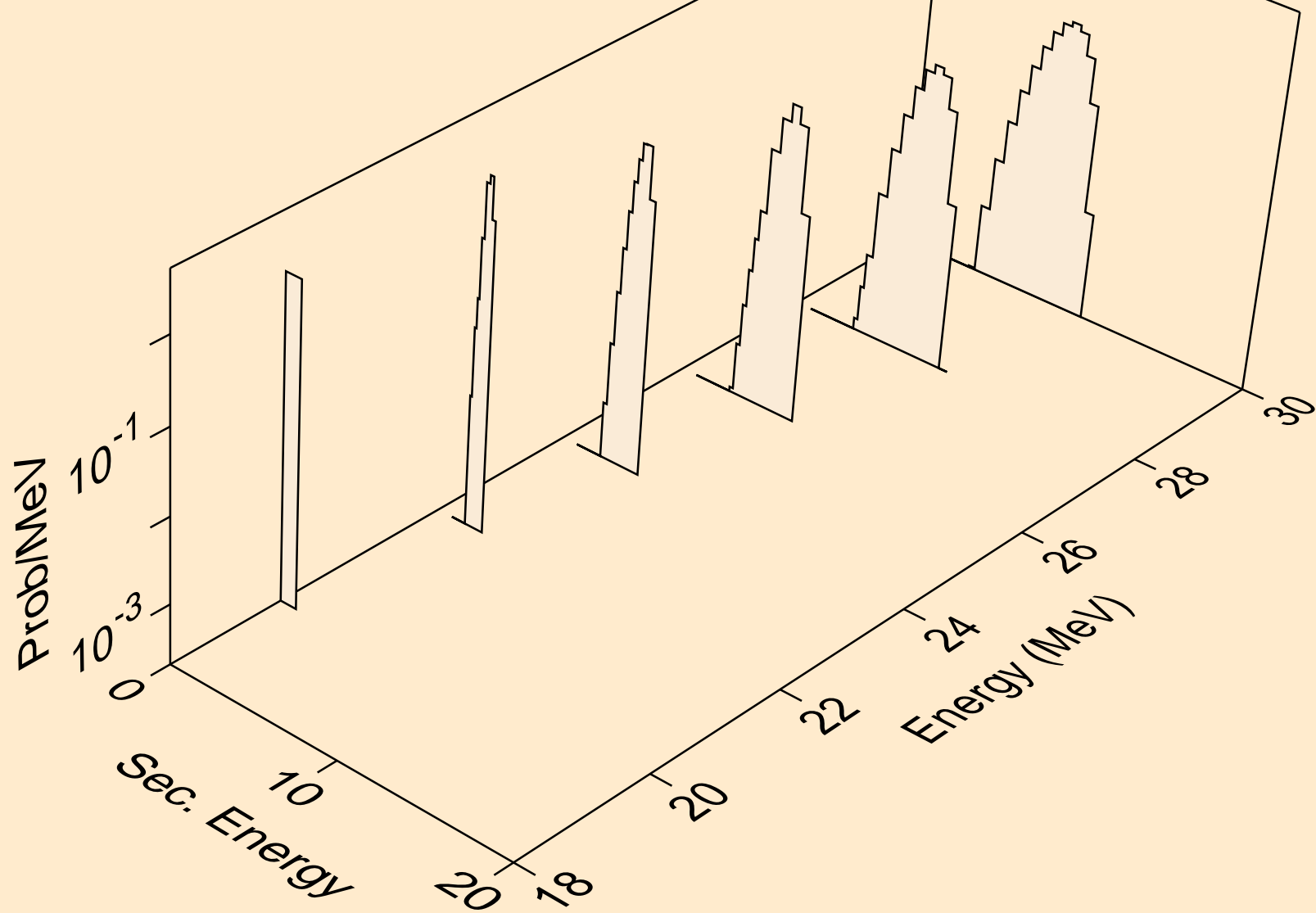
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protons from (n,pt)



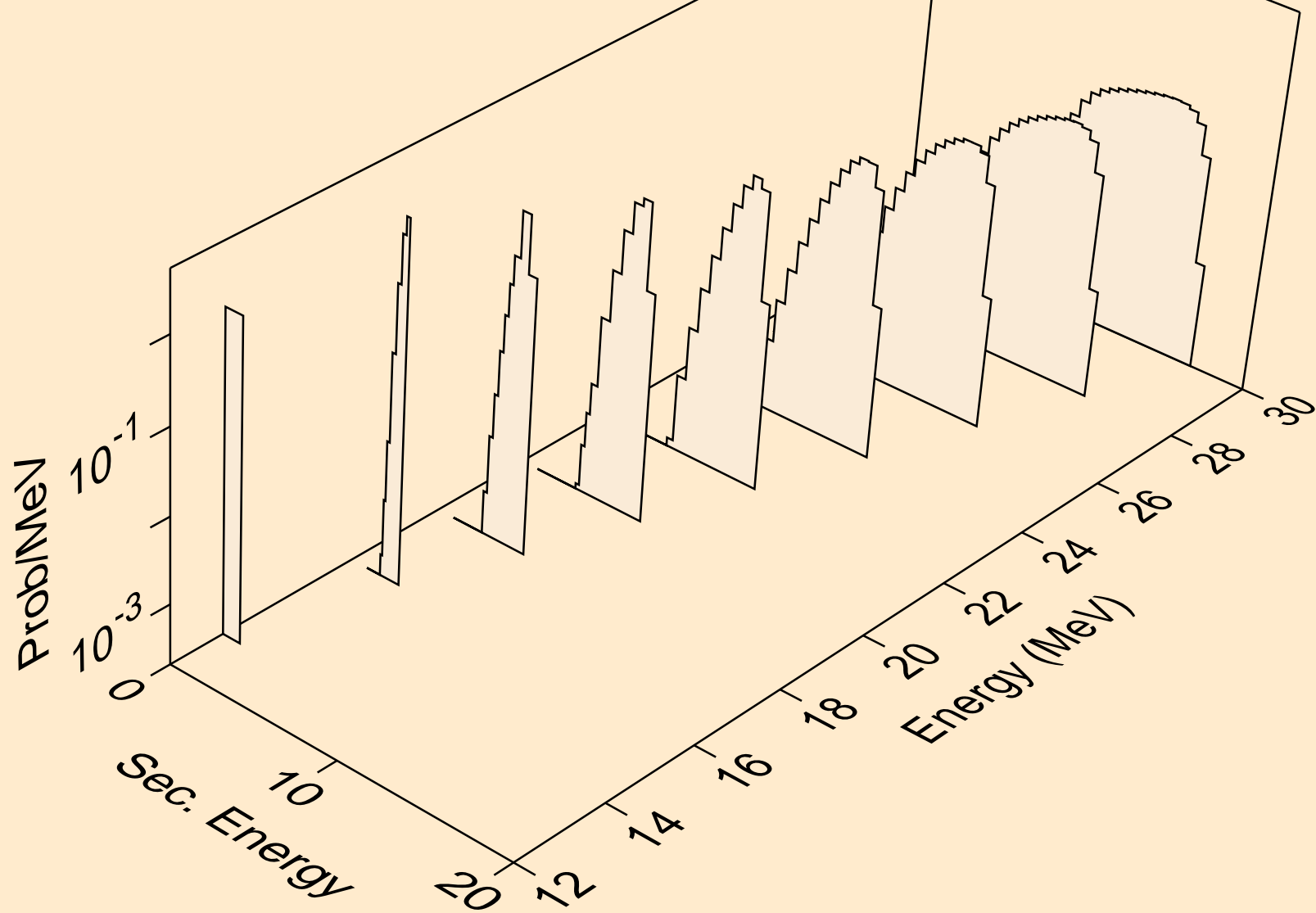
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deuterons from (n,x)



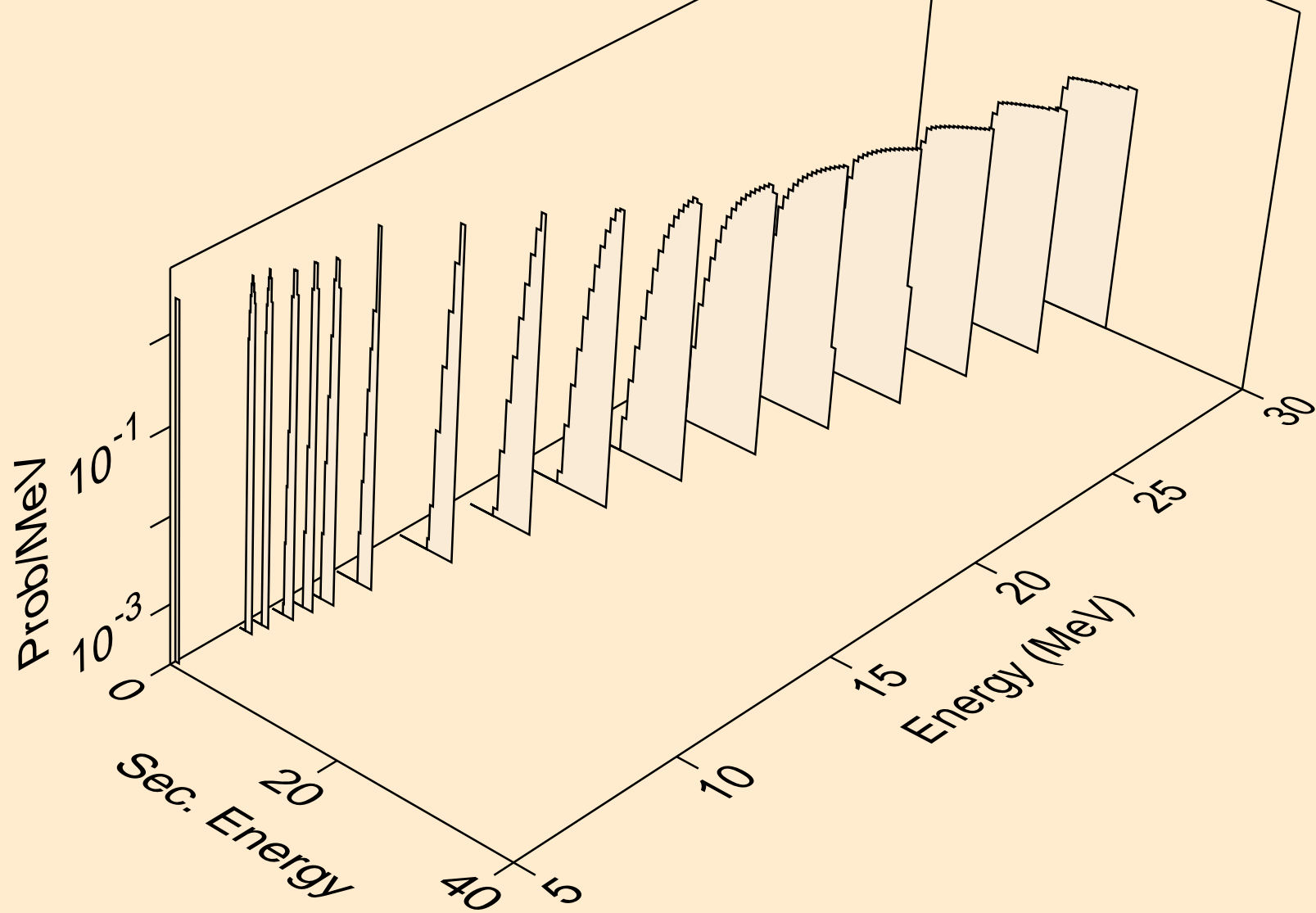
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deuterons from (n,2nd)



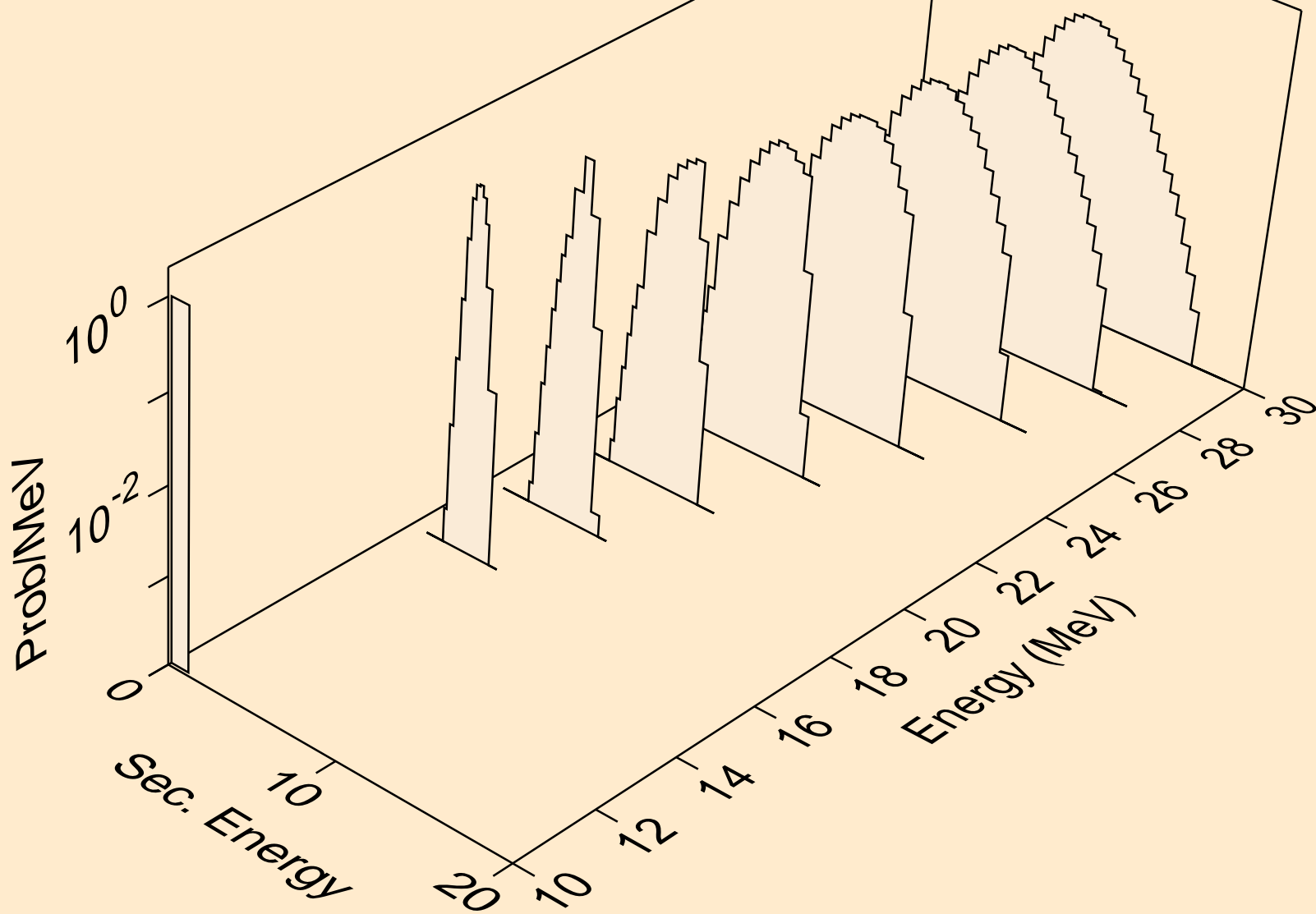
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deuterons from (n,n*)d



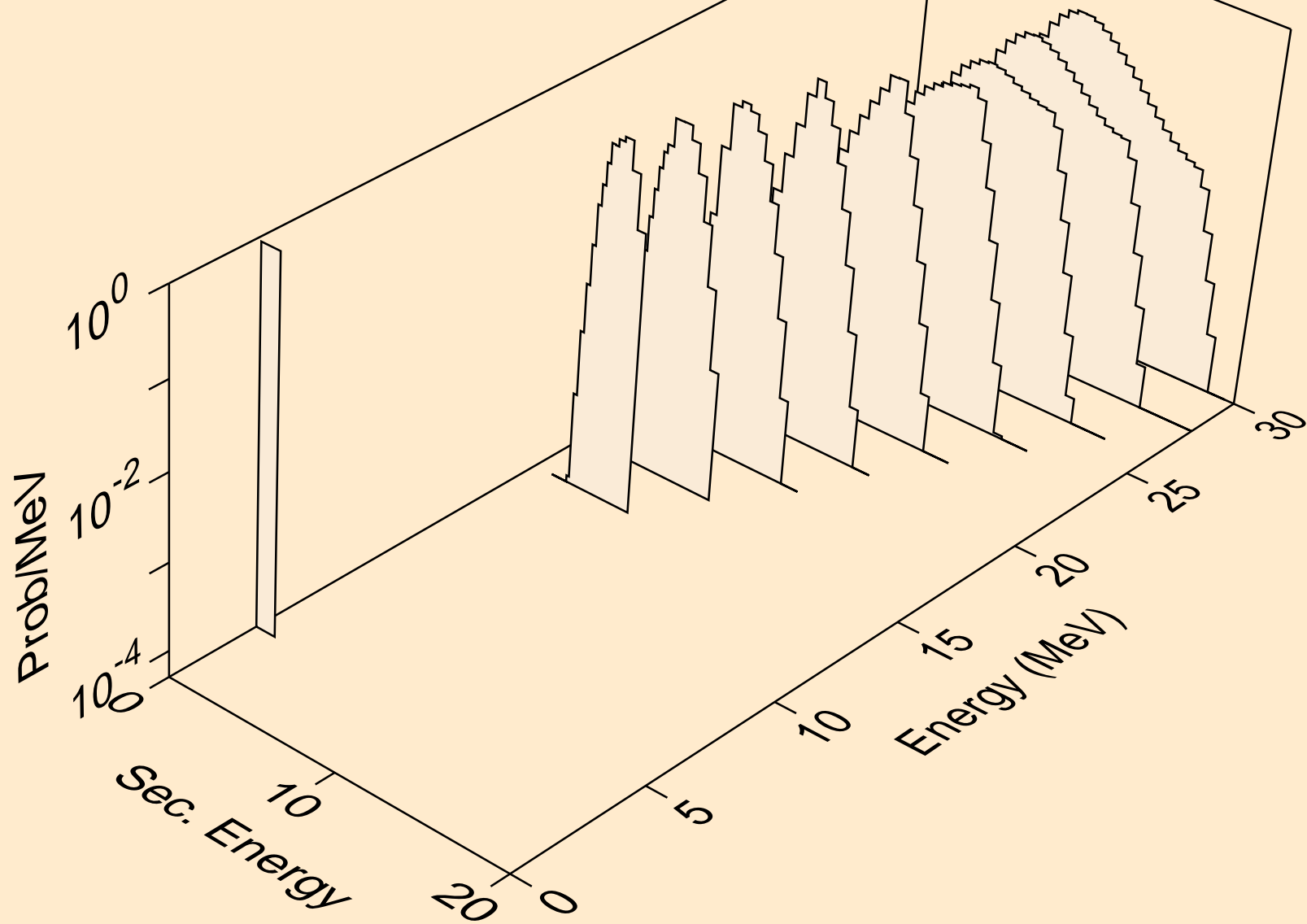
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deuterons from (n,d)



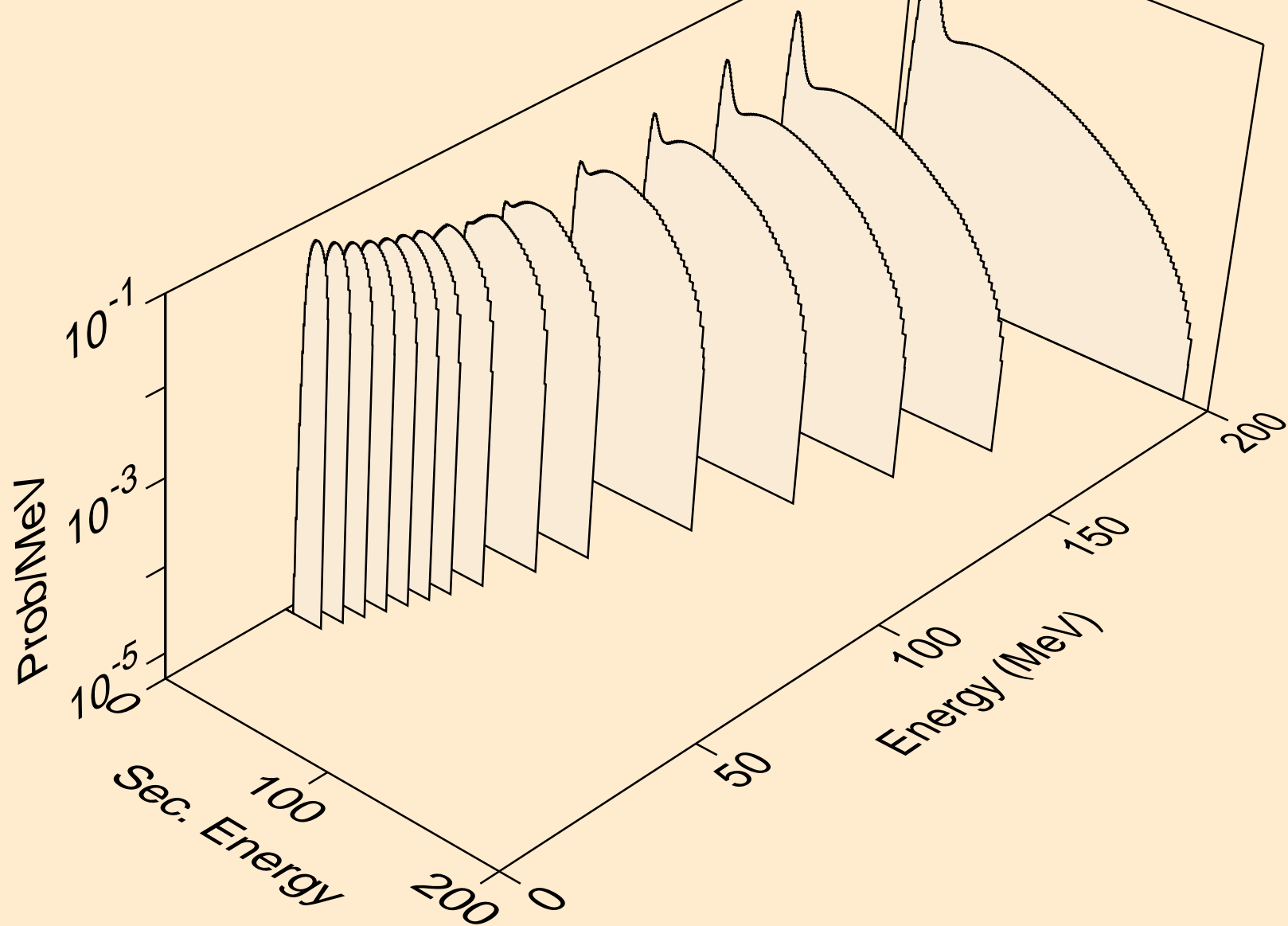
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



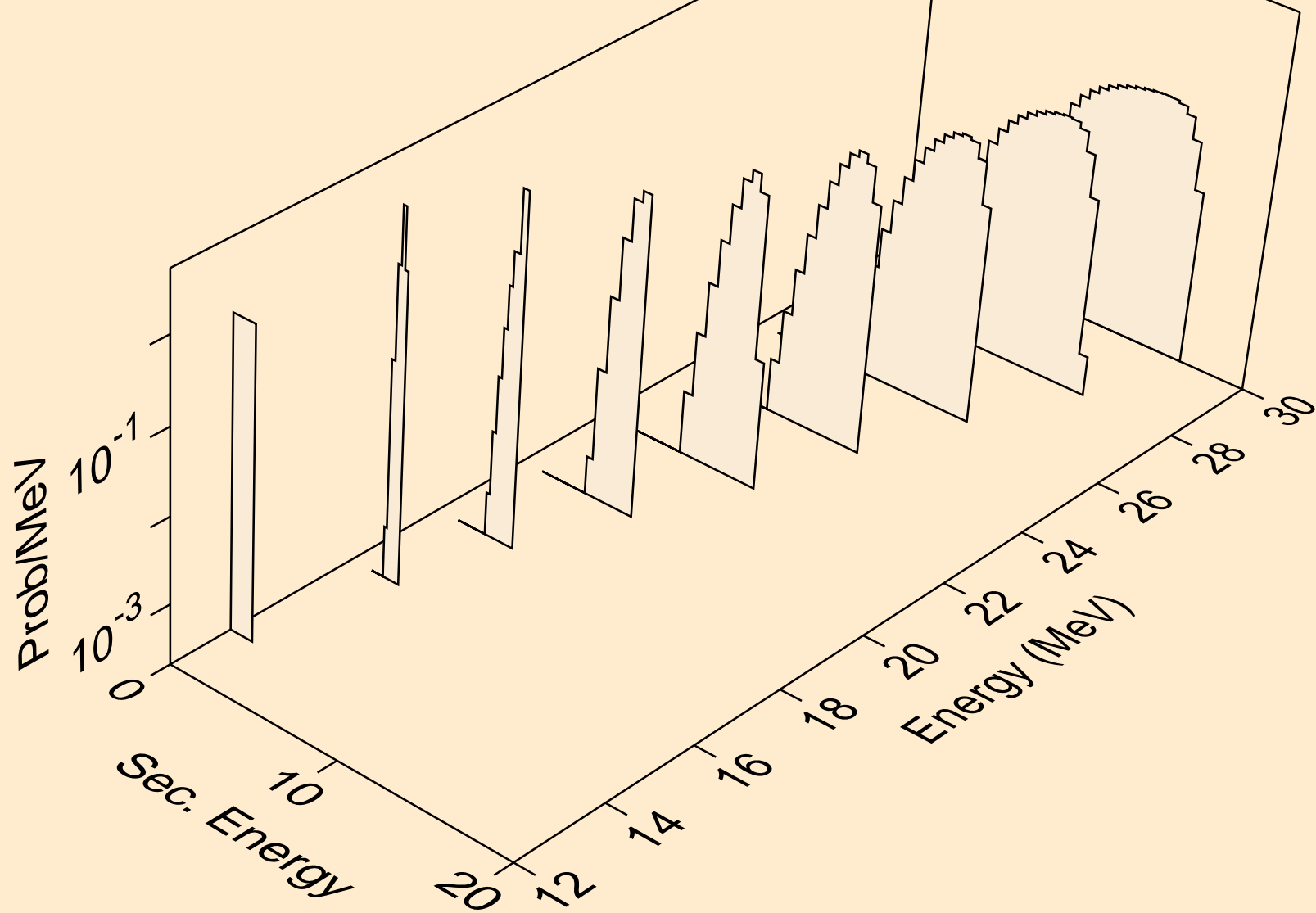
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deuterons from (n,da)



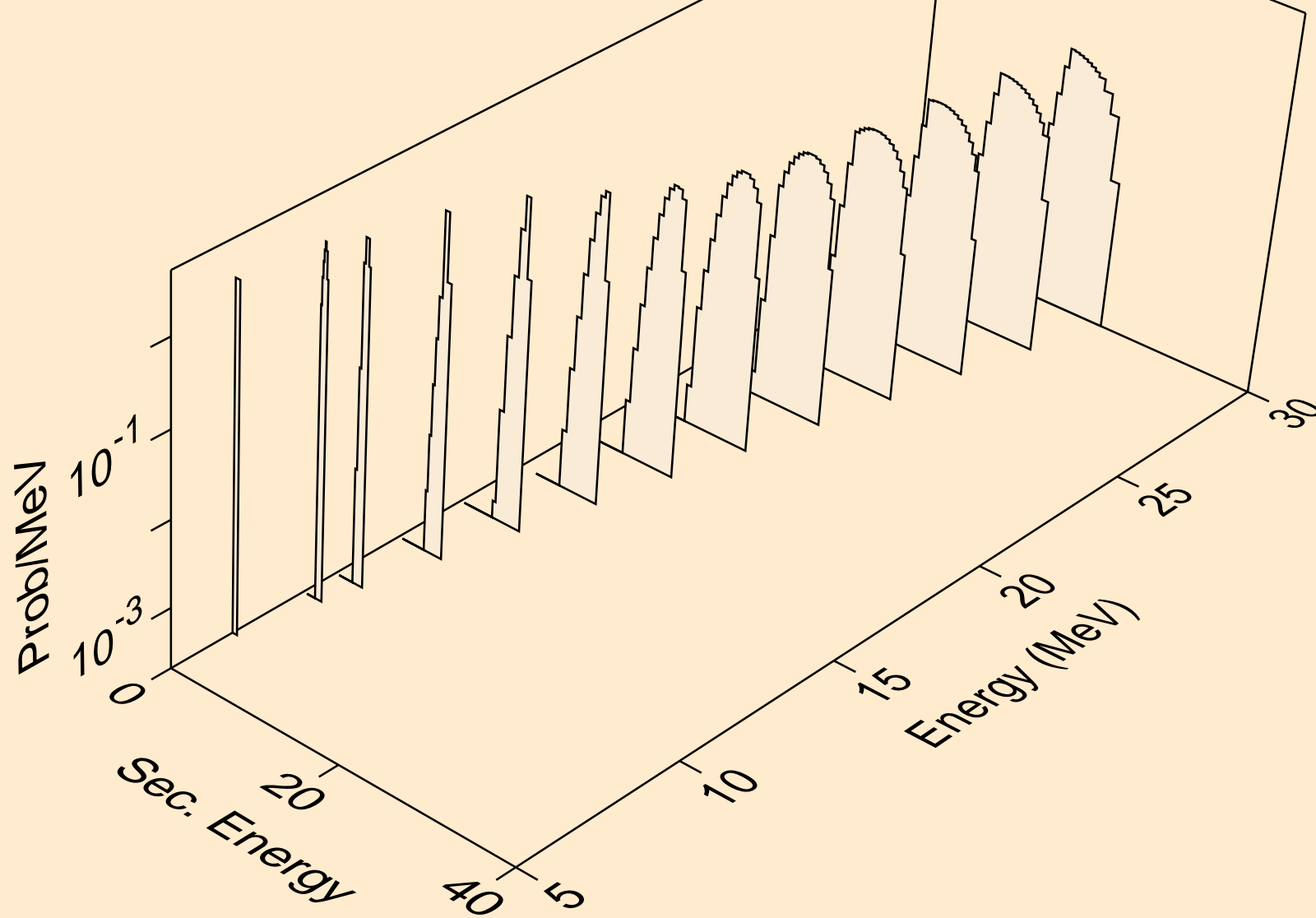
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tritons from (n,x)



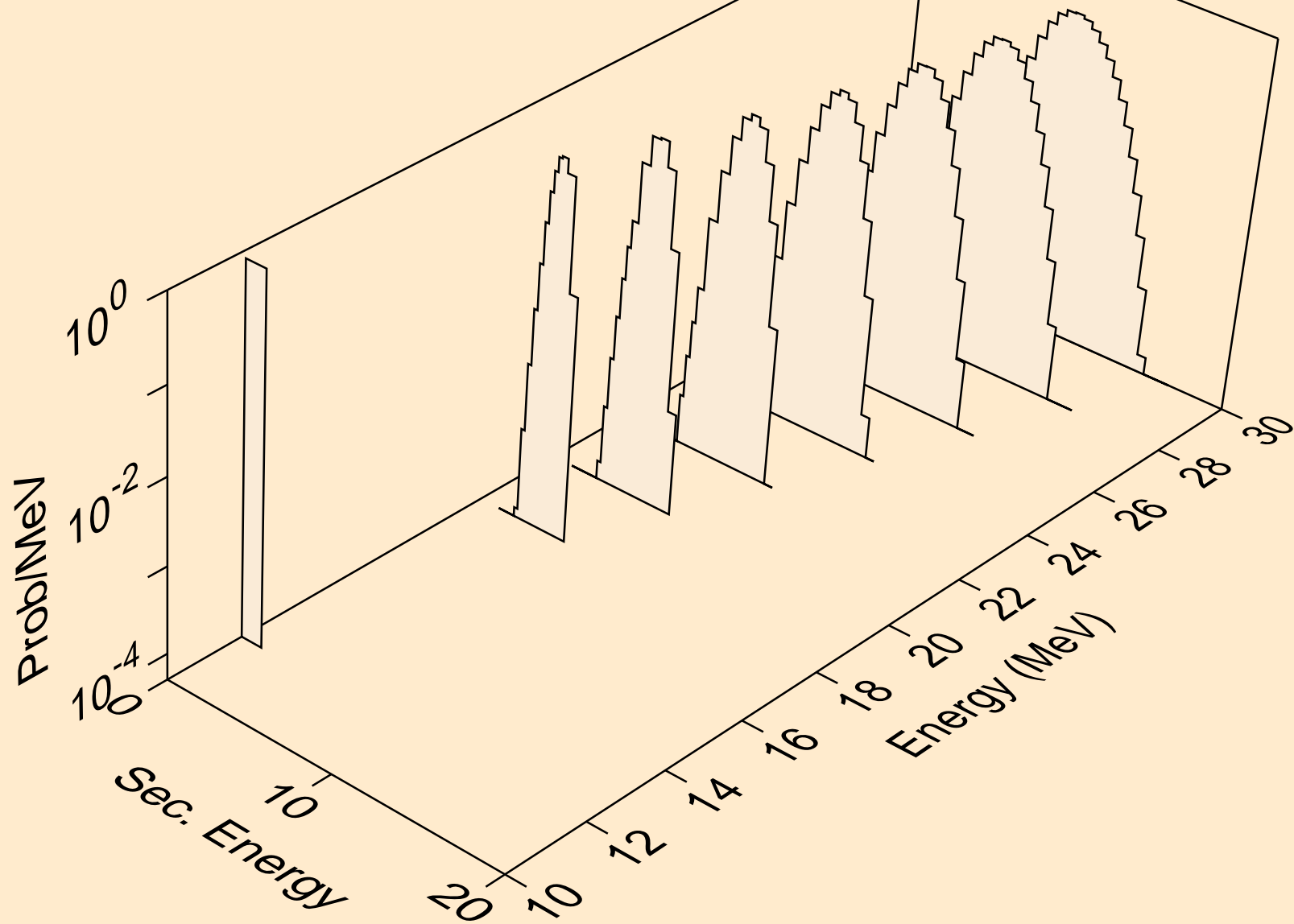
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tritons from (n,n*)t



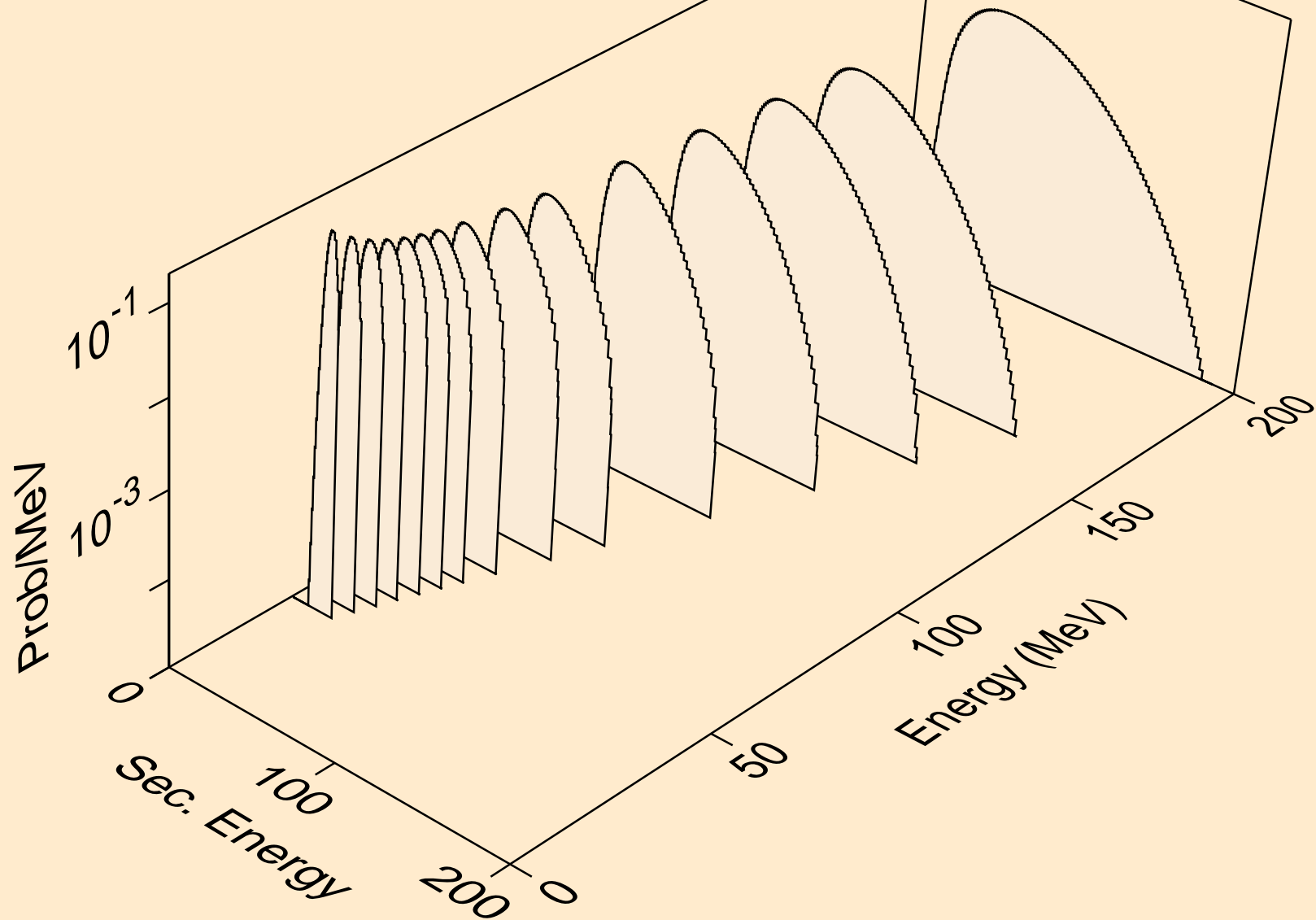
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tritons from (n,t)



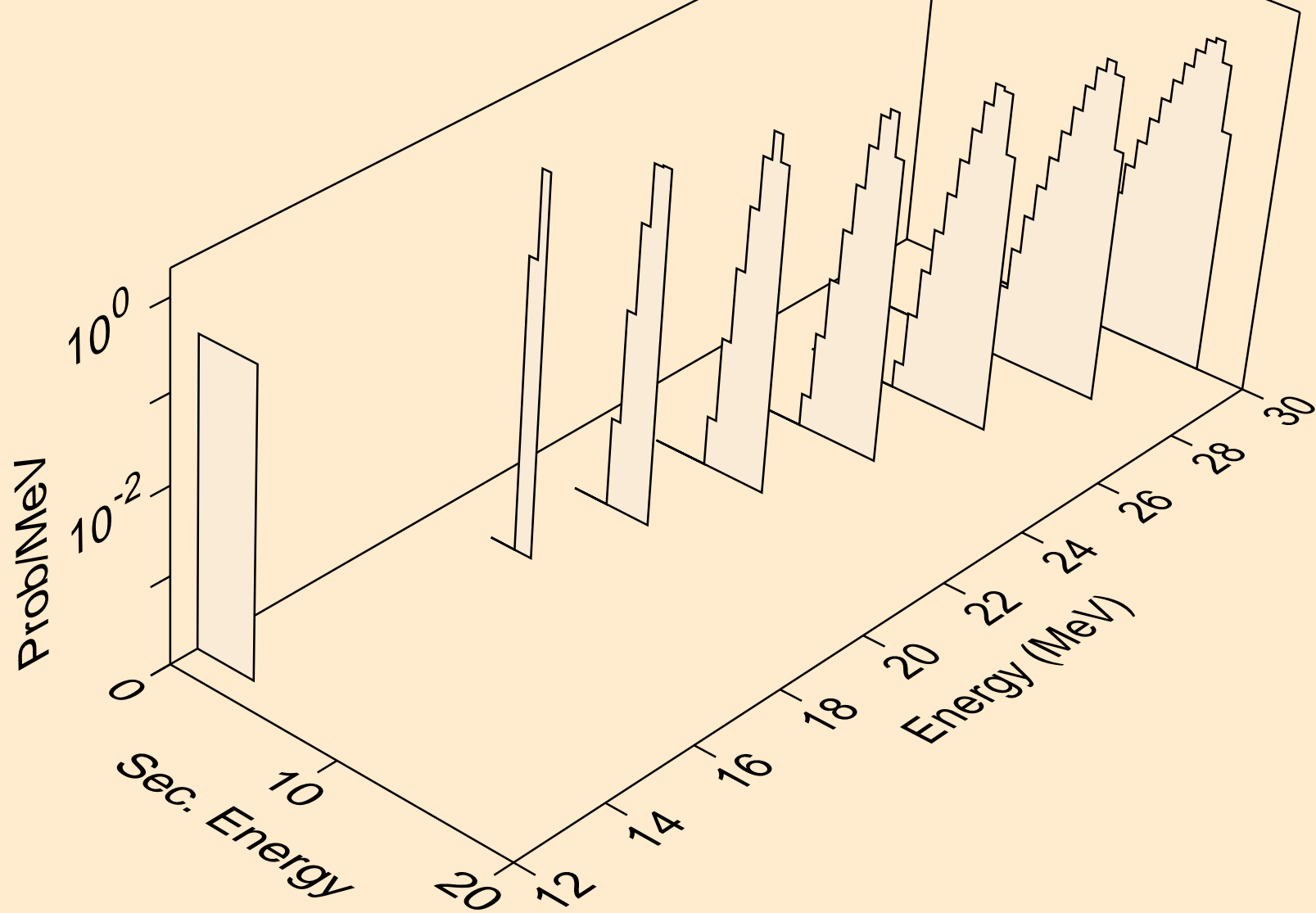
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tritons from (n,pt)



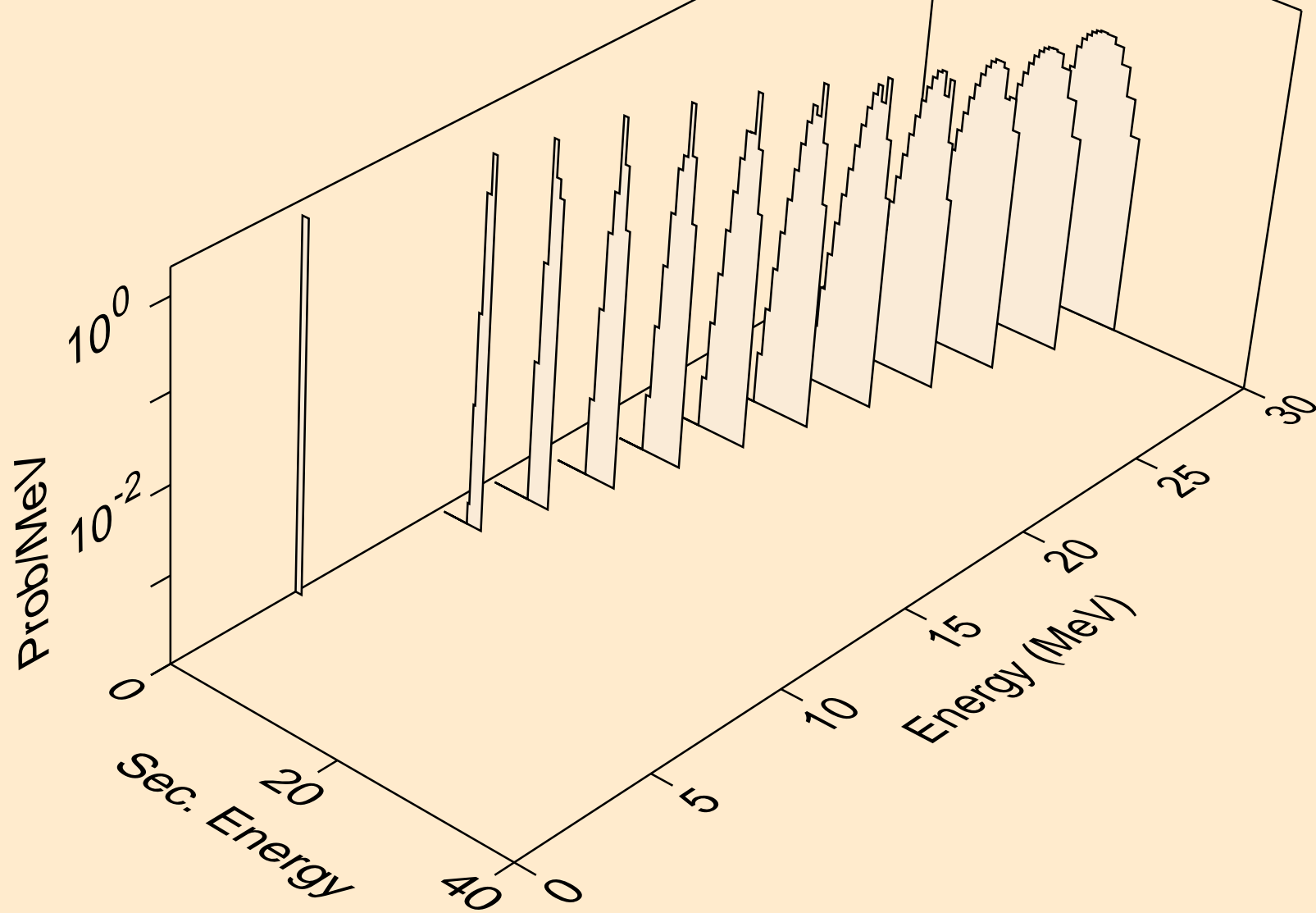
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



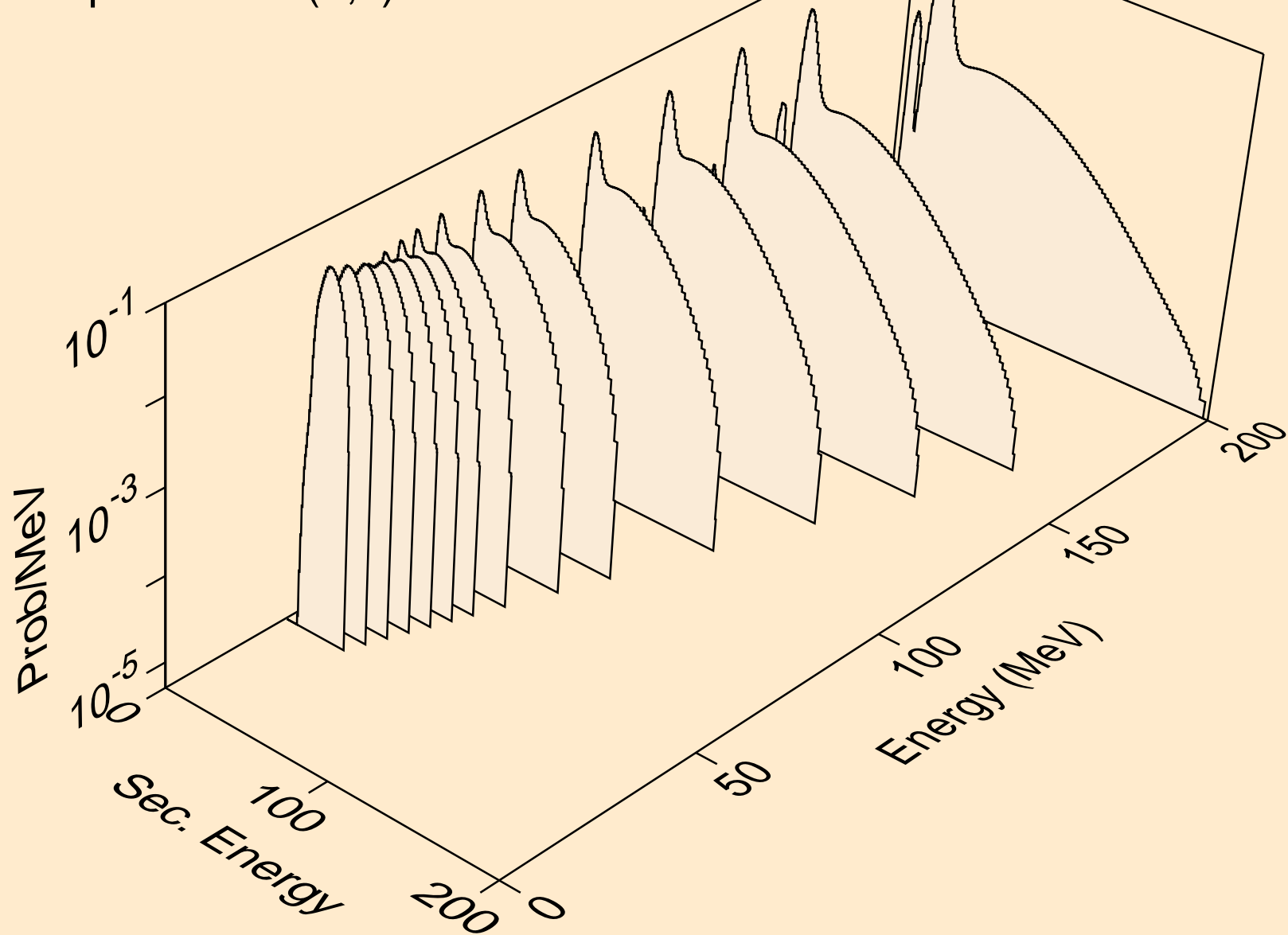
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



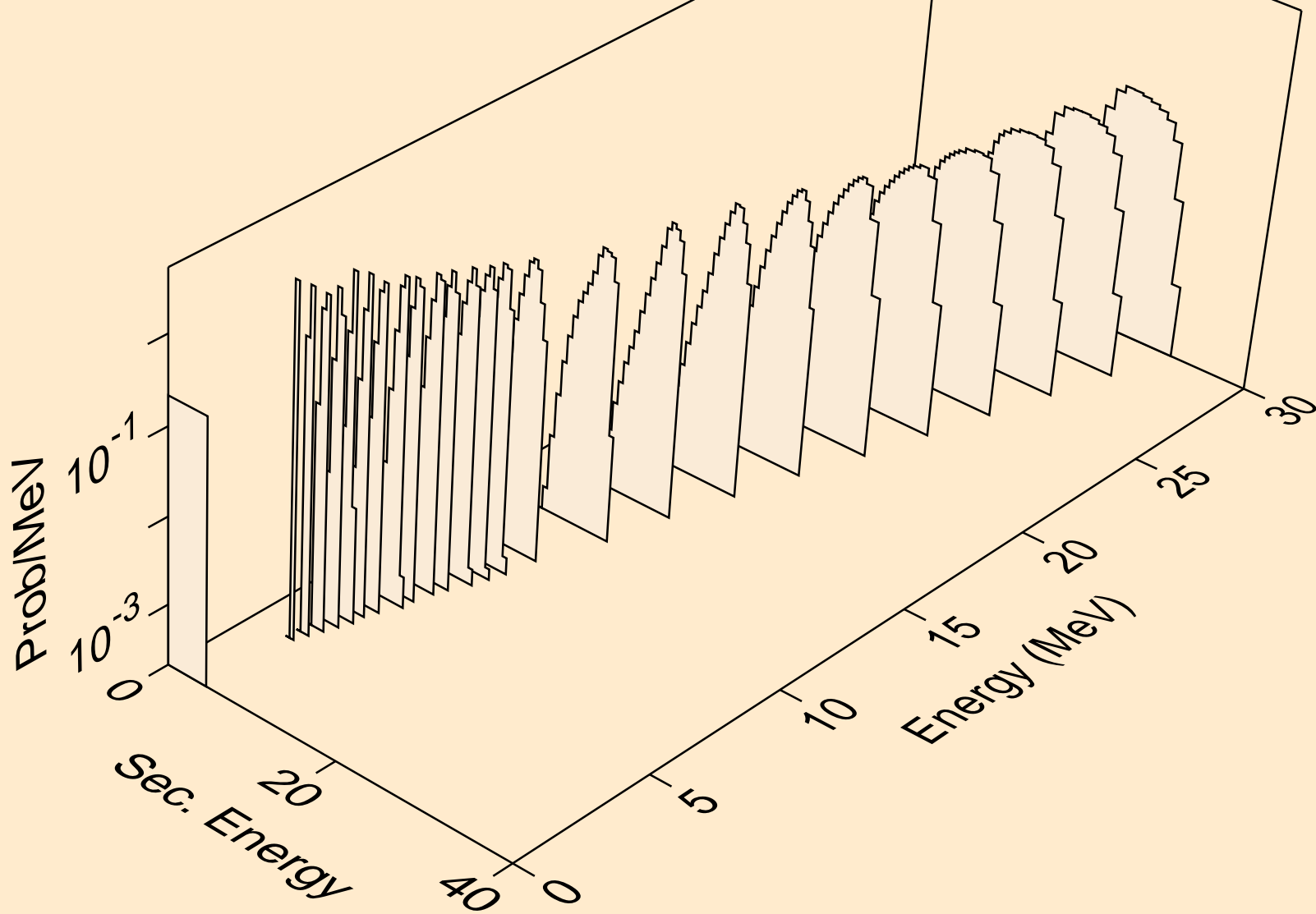
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



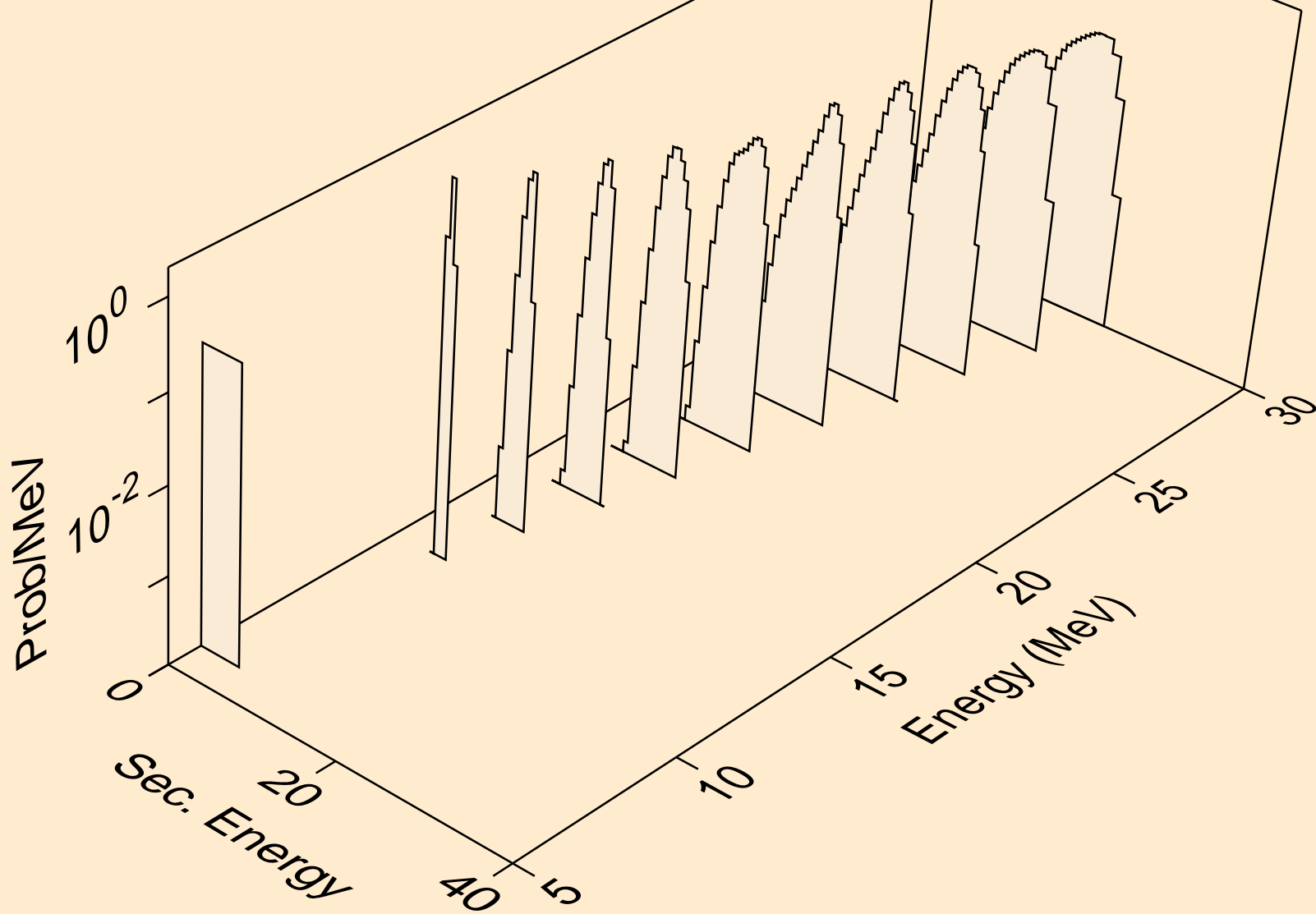
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



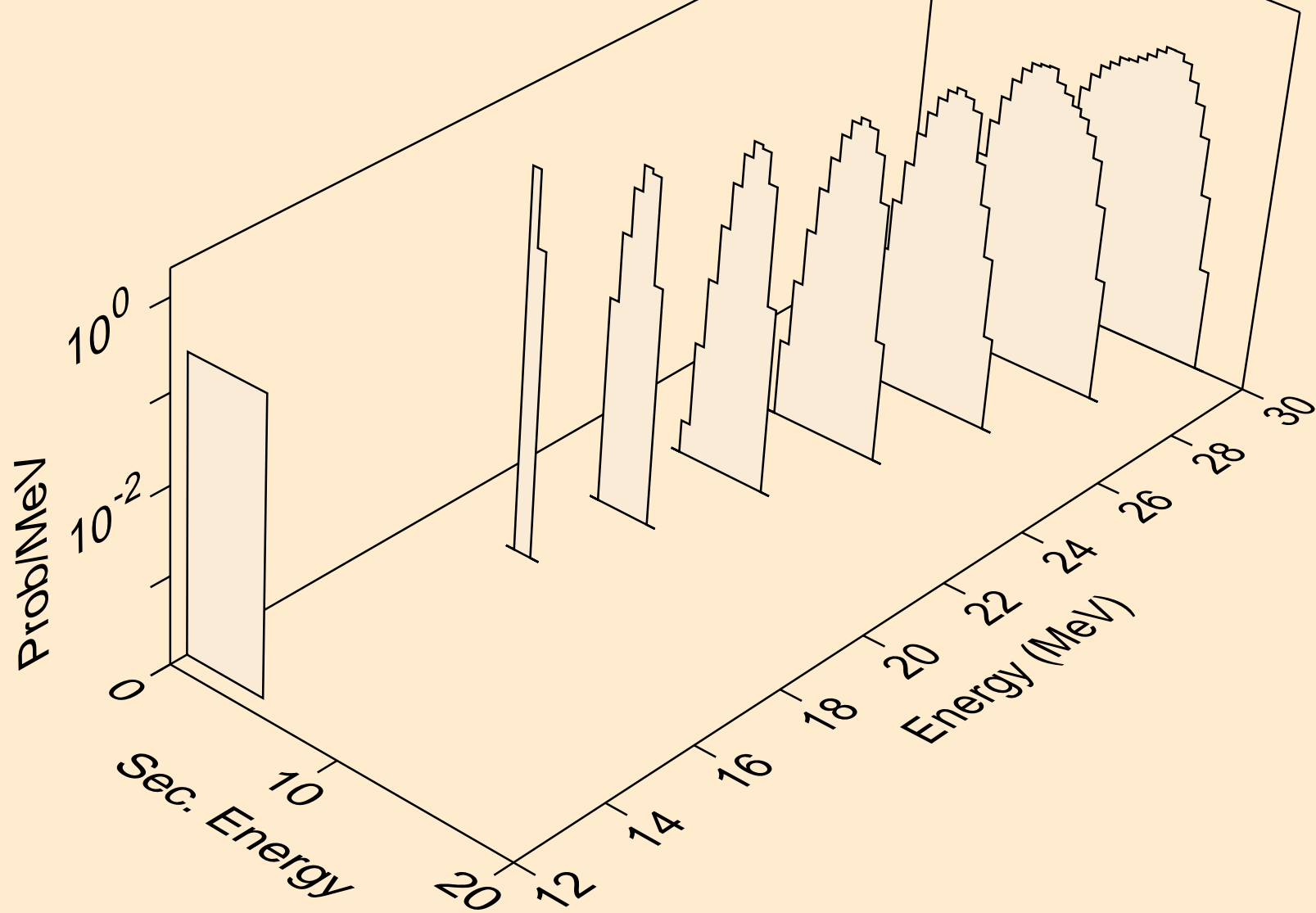
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



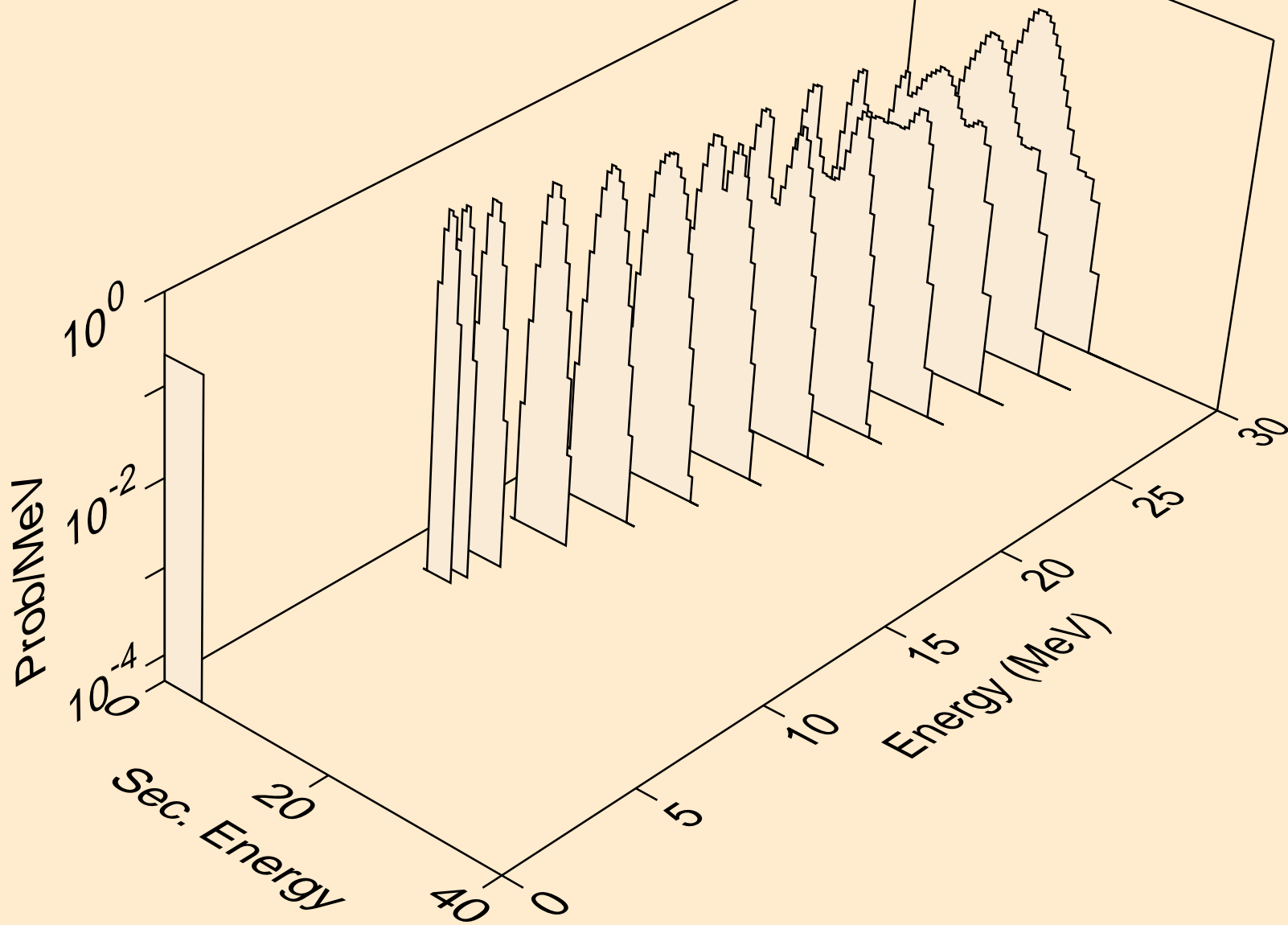
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



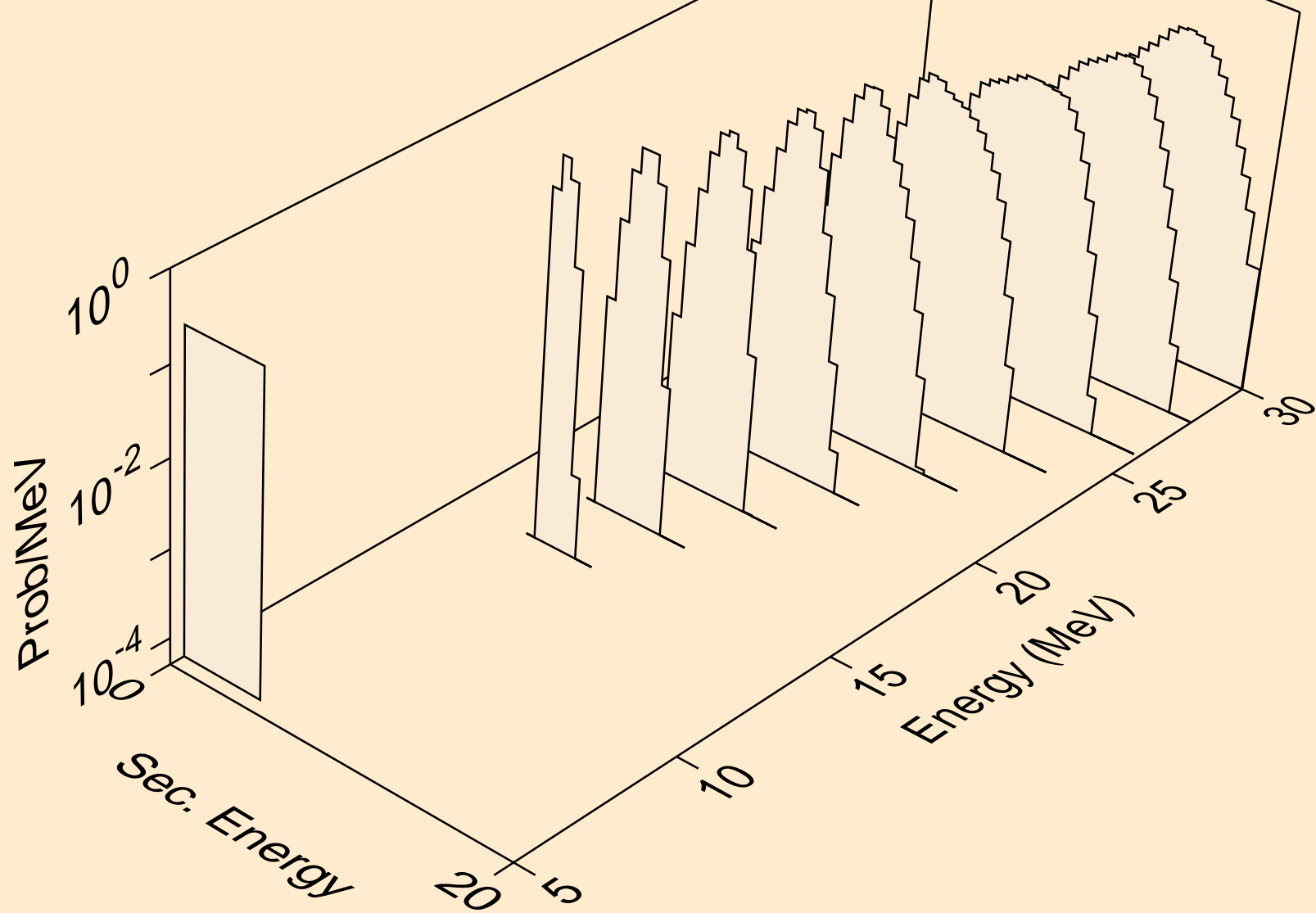
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



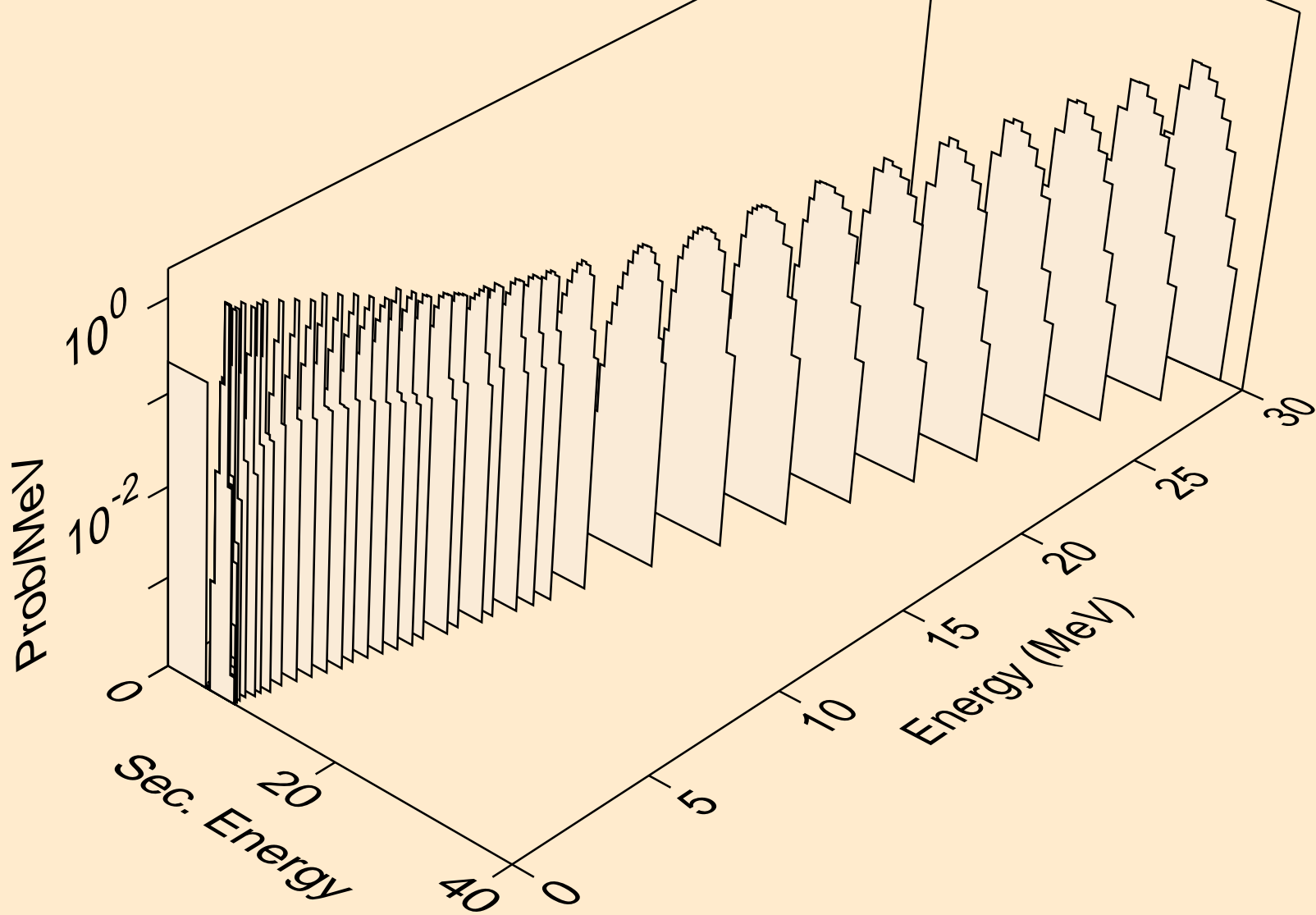
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



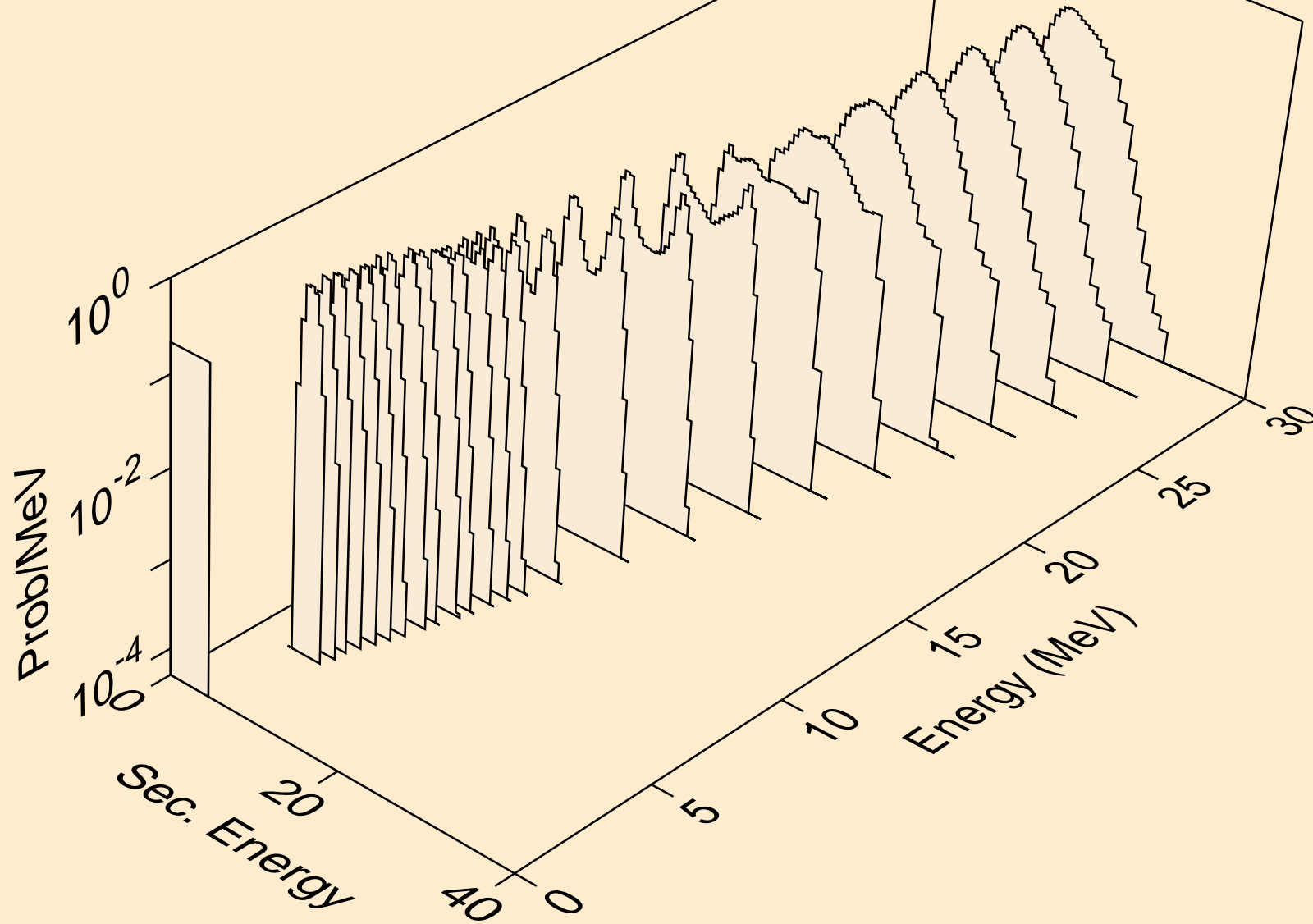
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



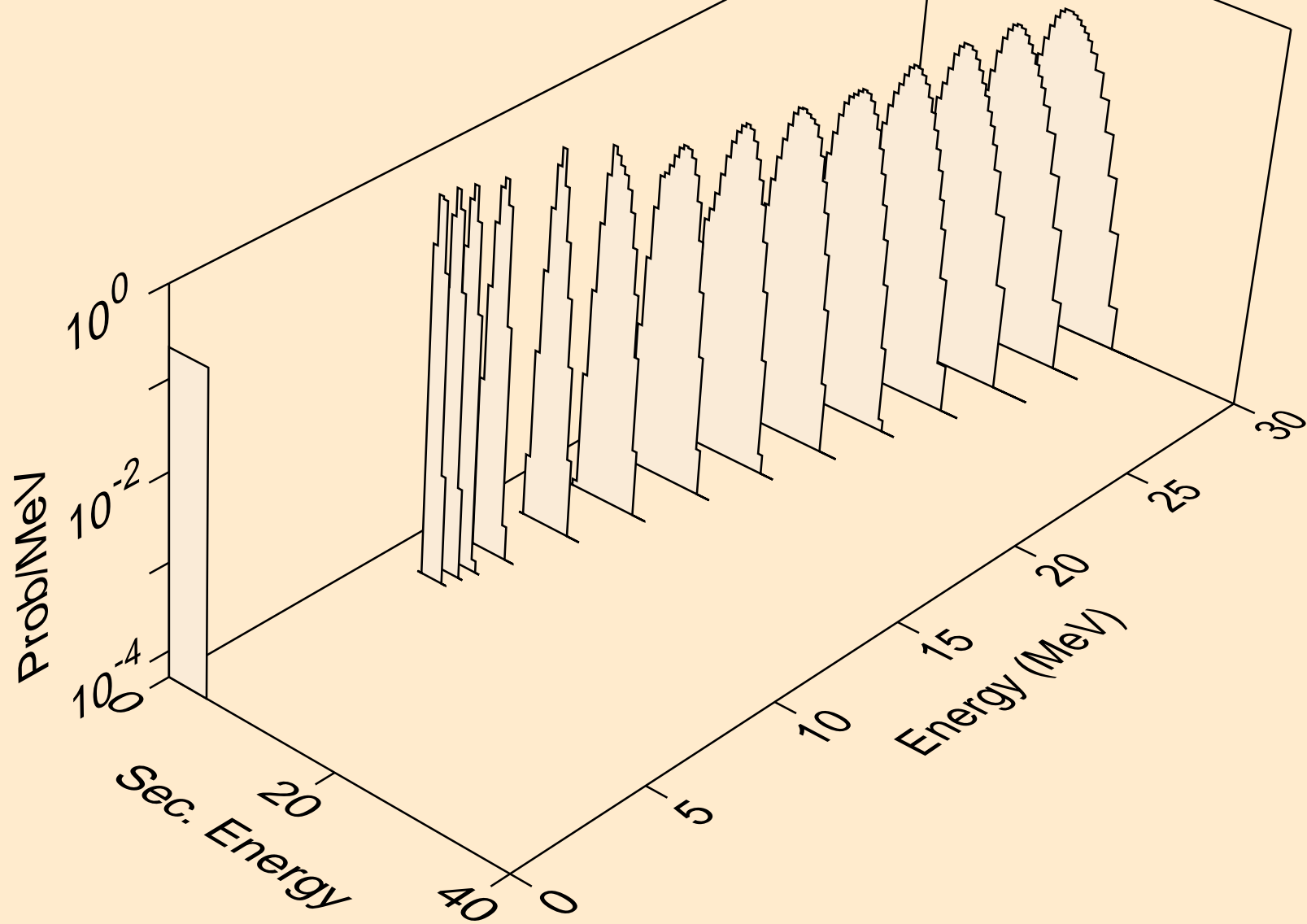
GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



GD152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

