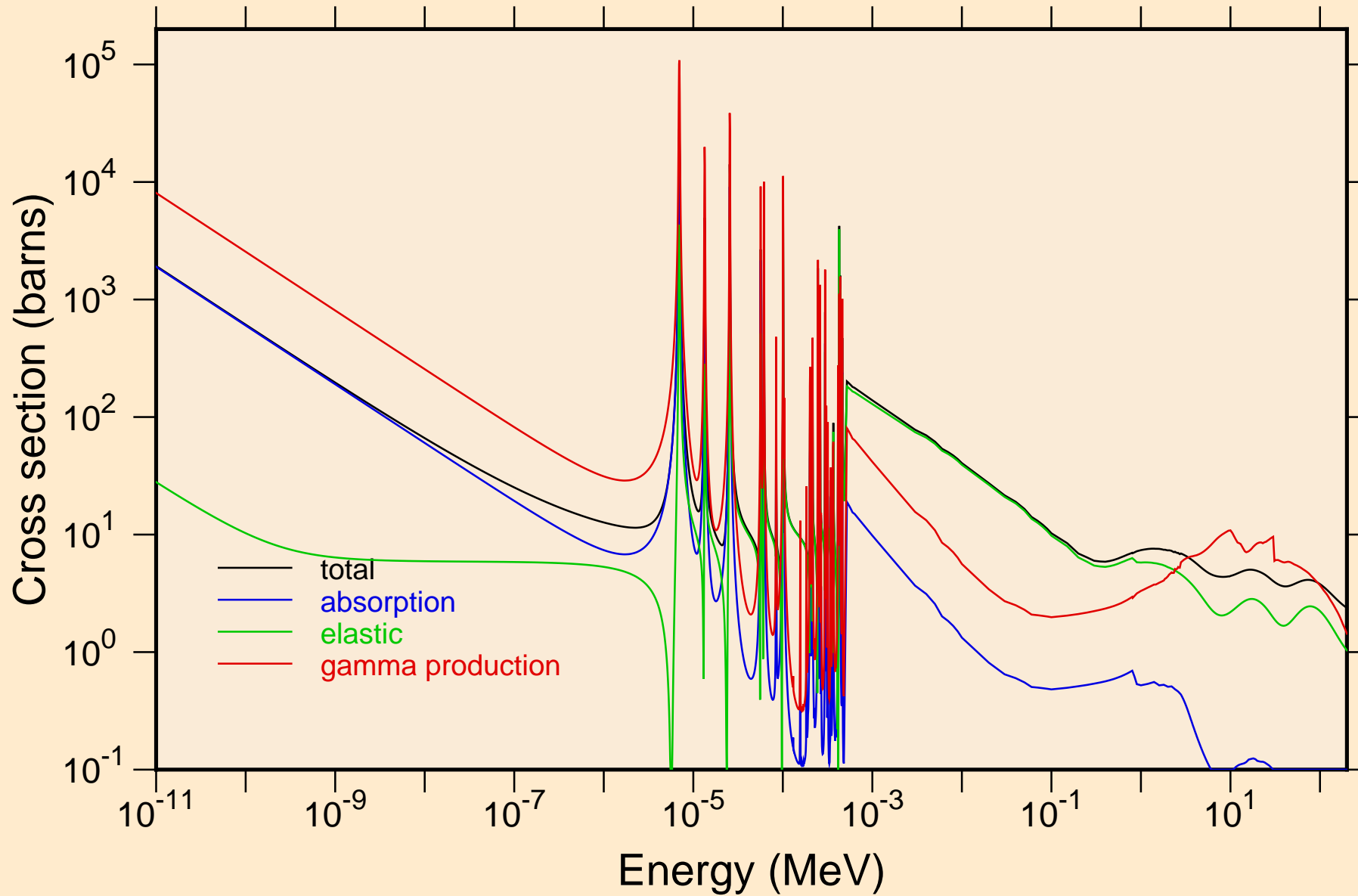
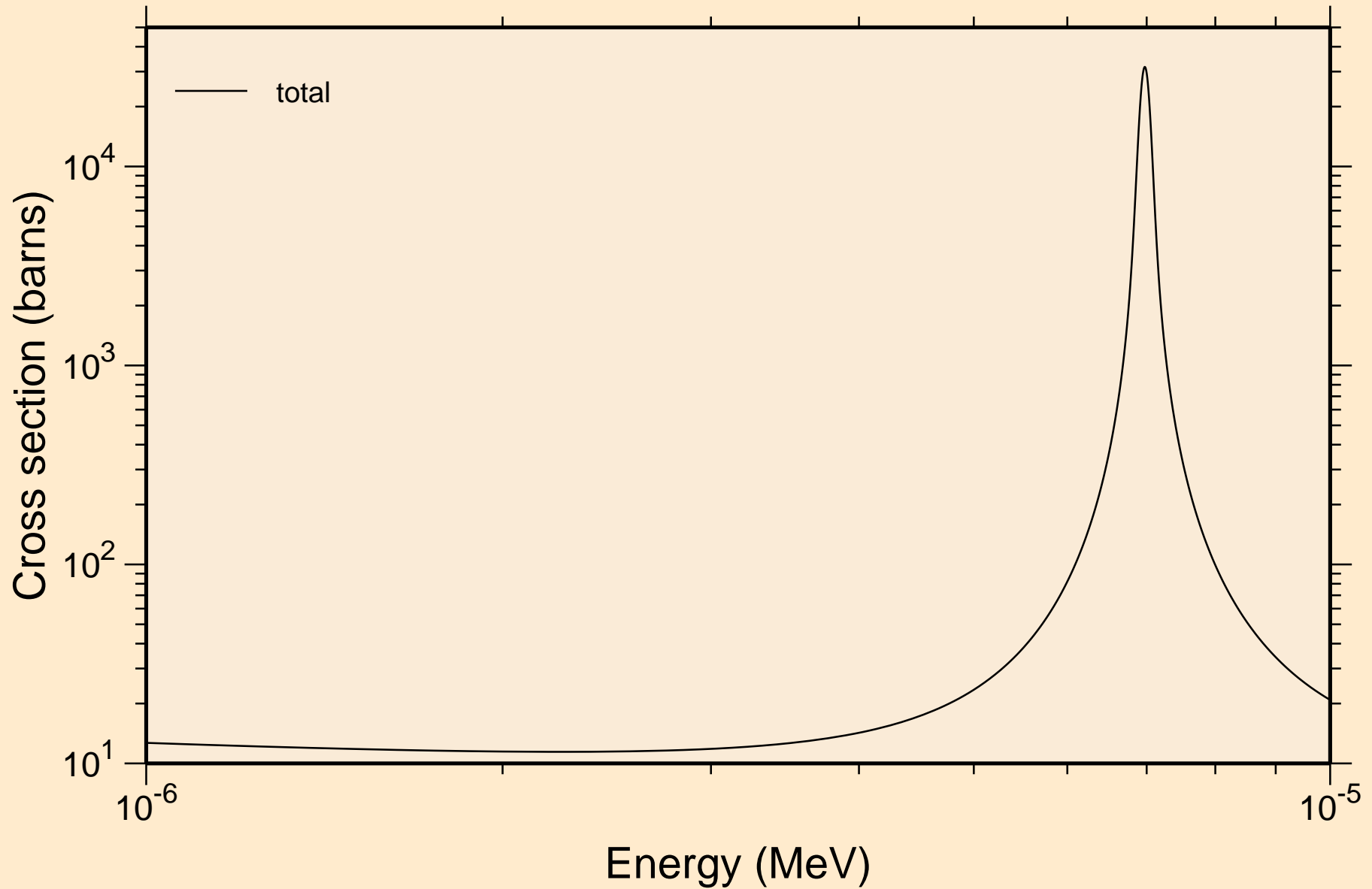


# DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

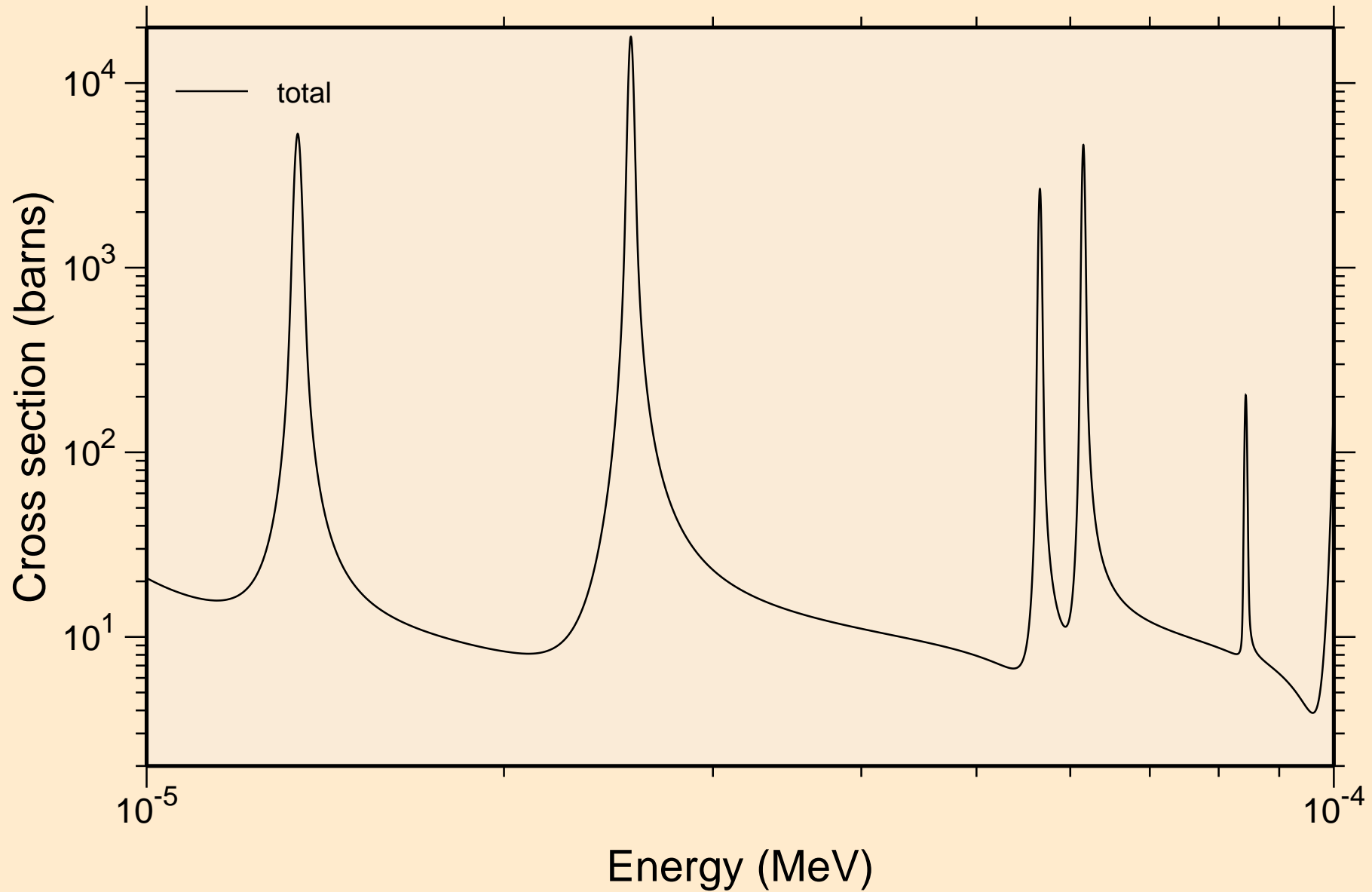
## Principal cross sections



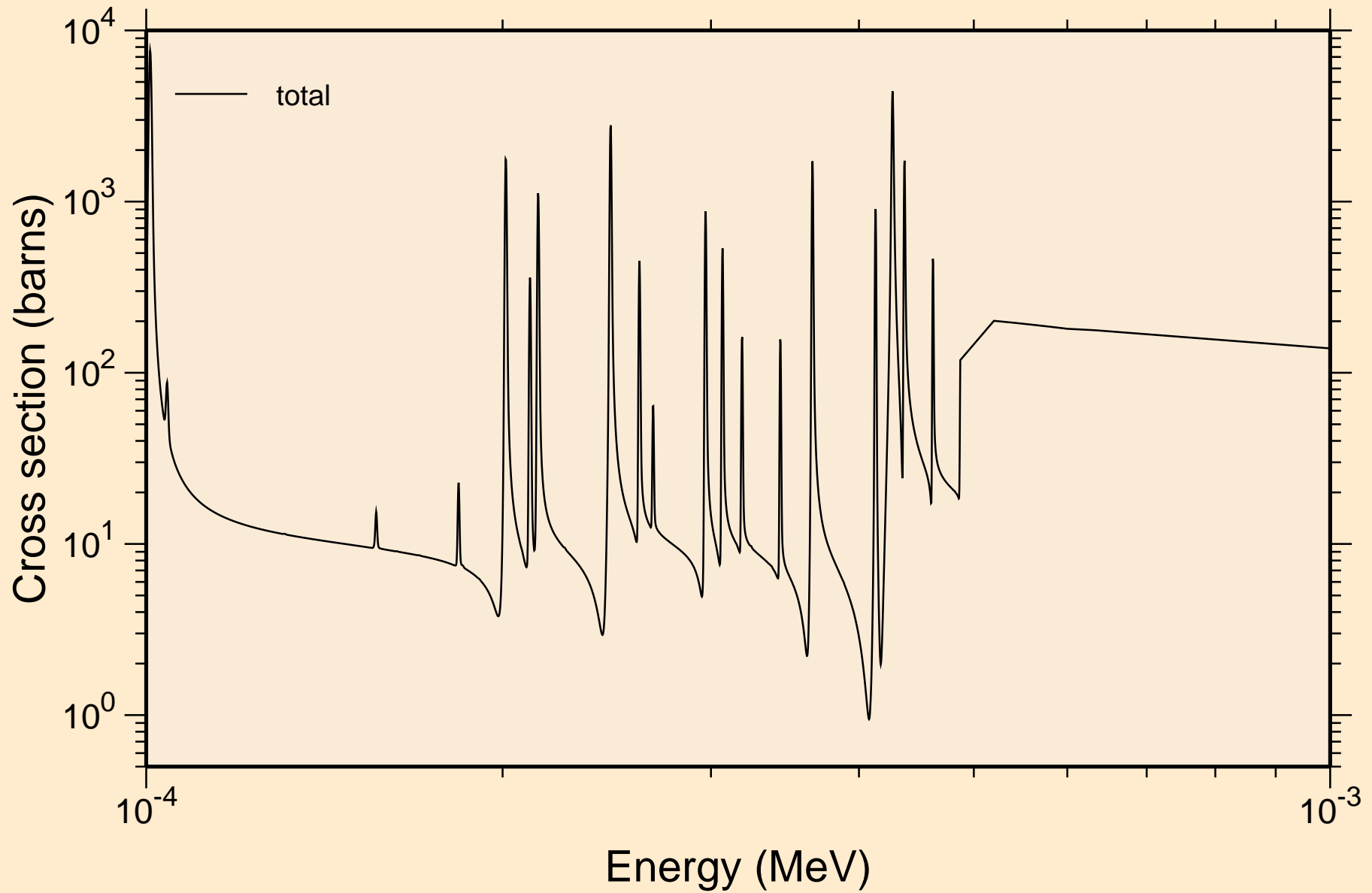
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



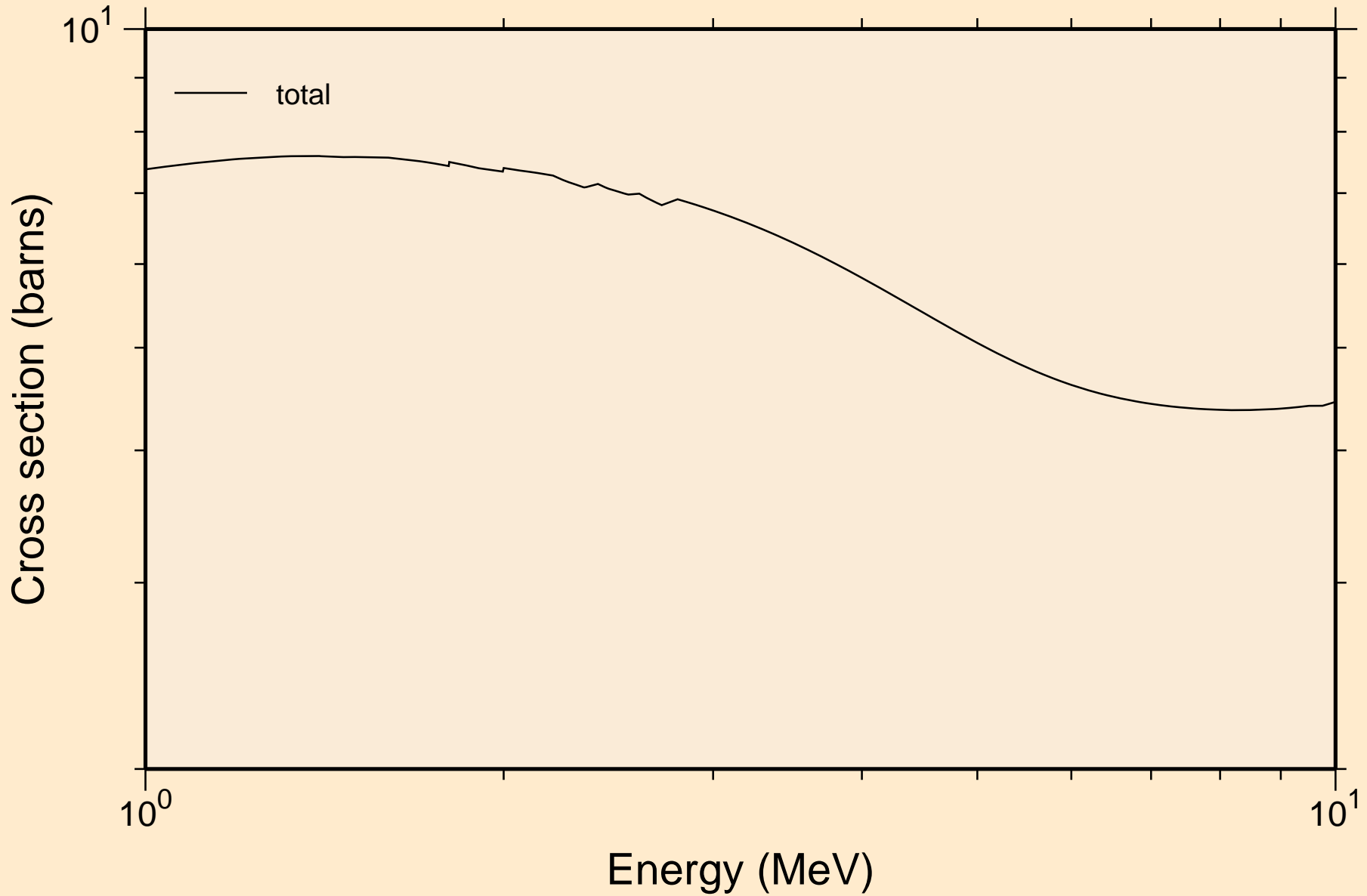
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



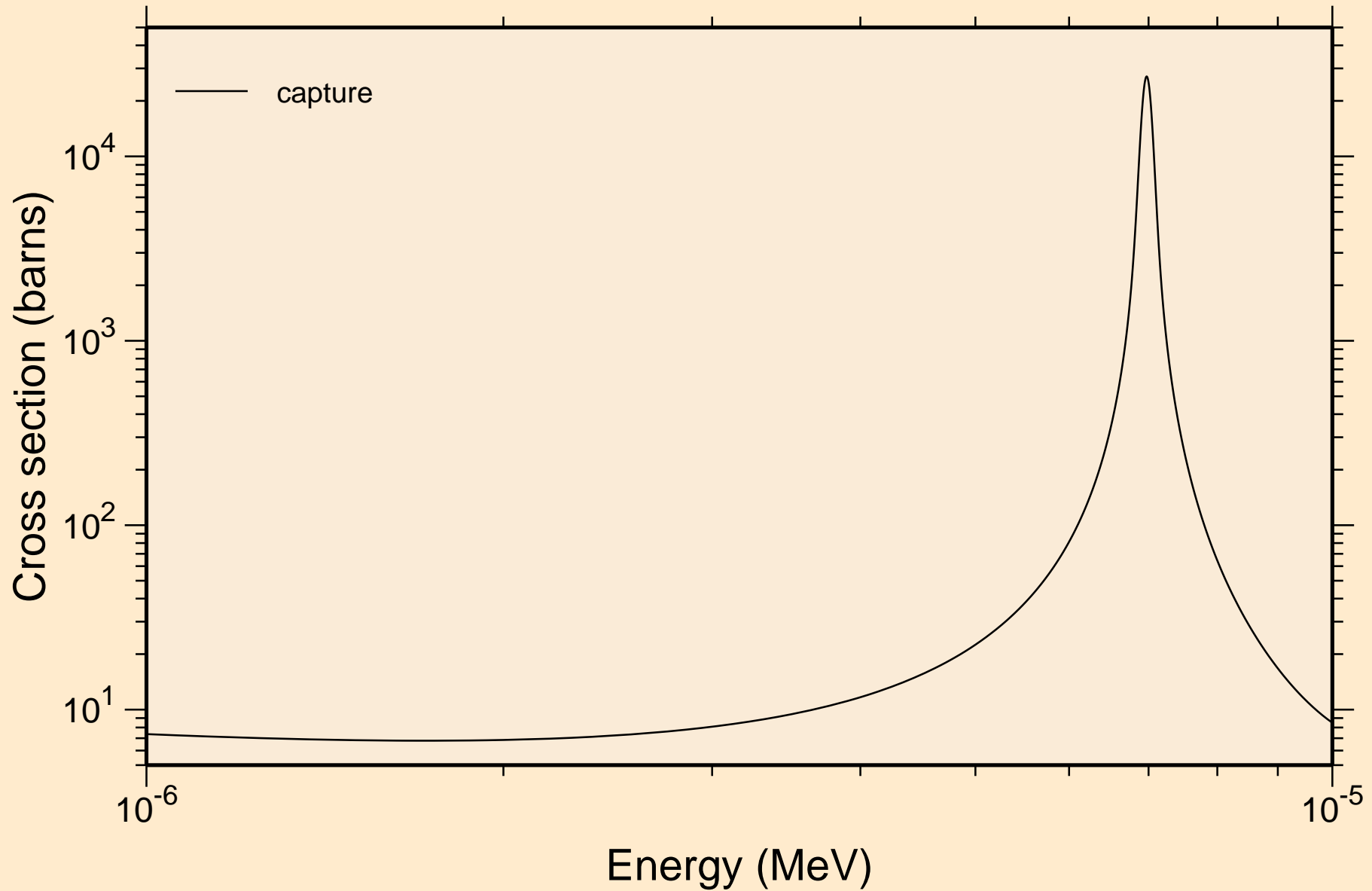
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



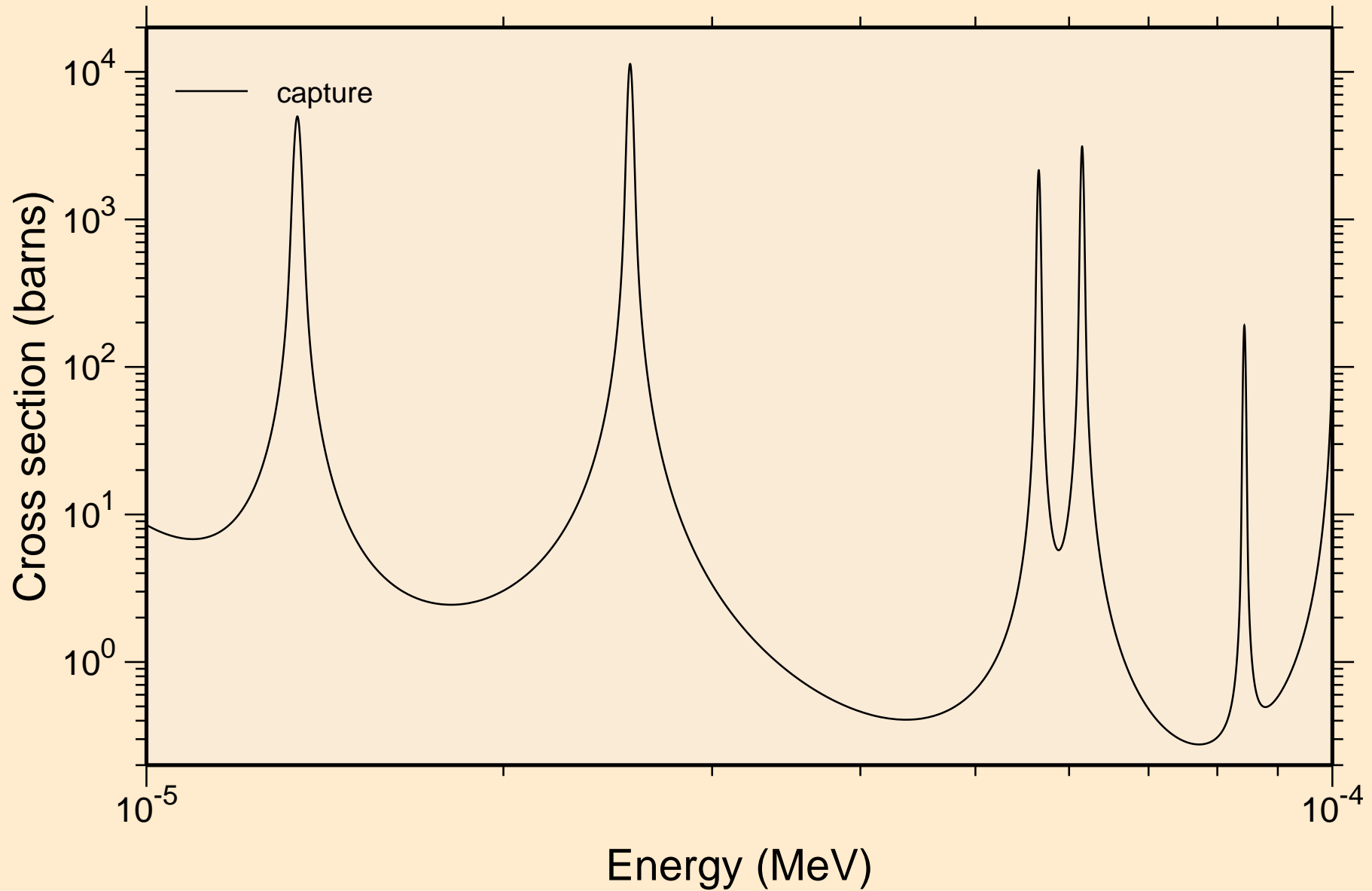
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



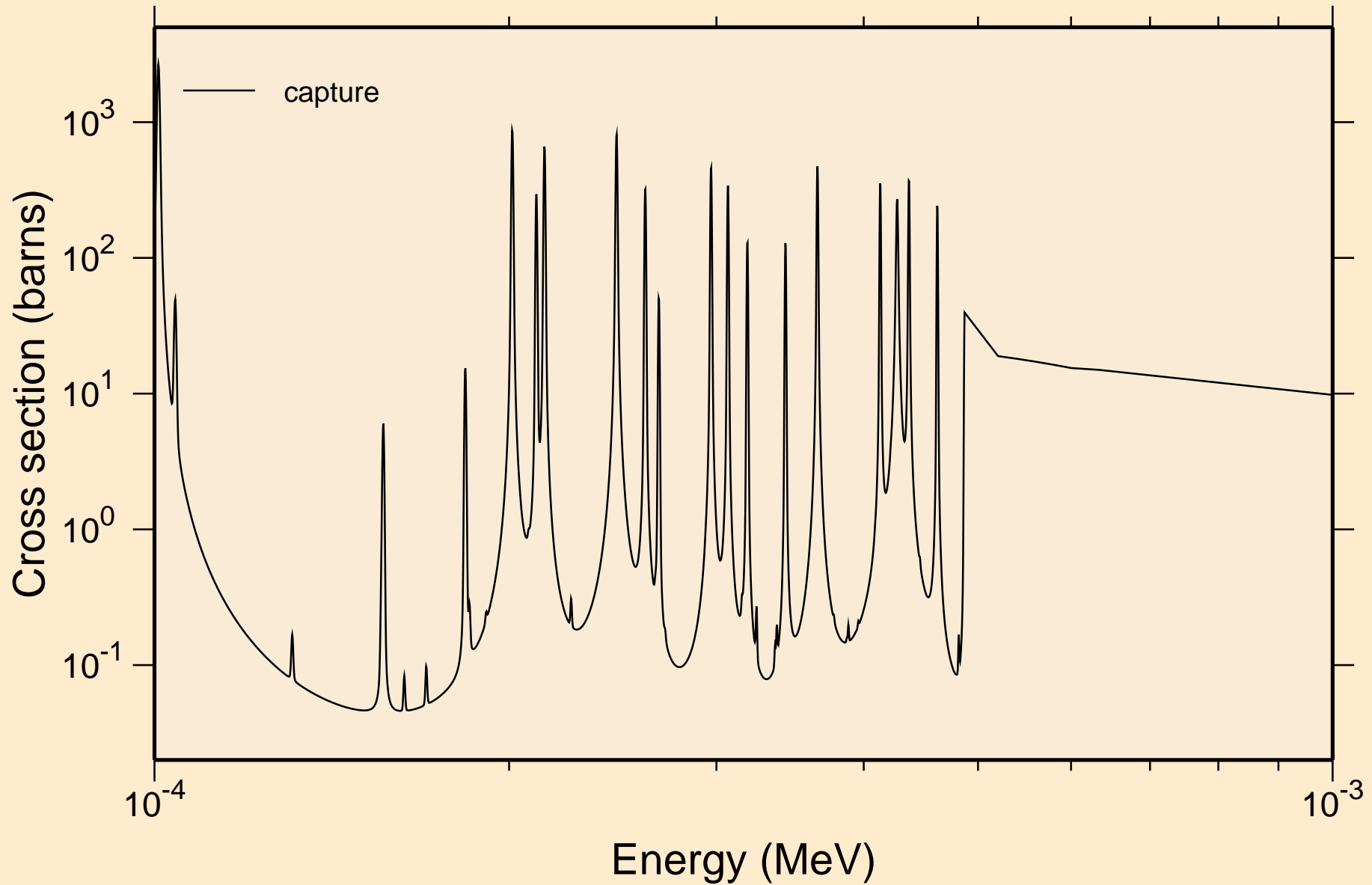
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

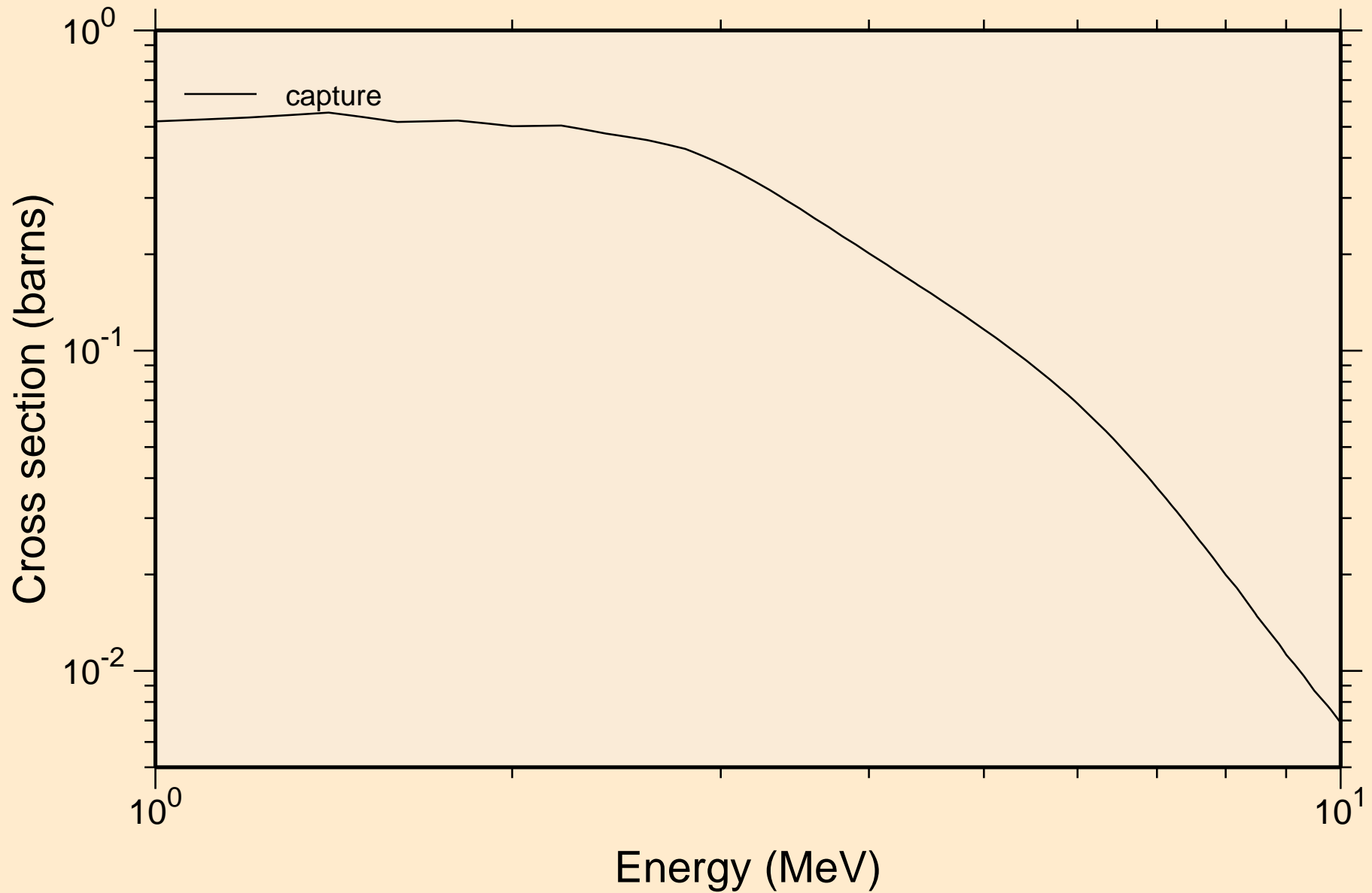


DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

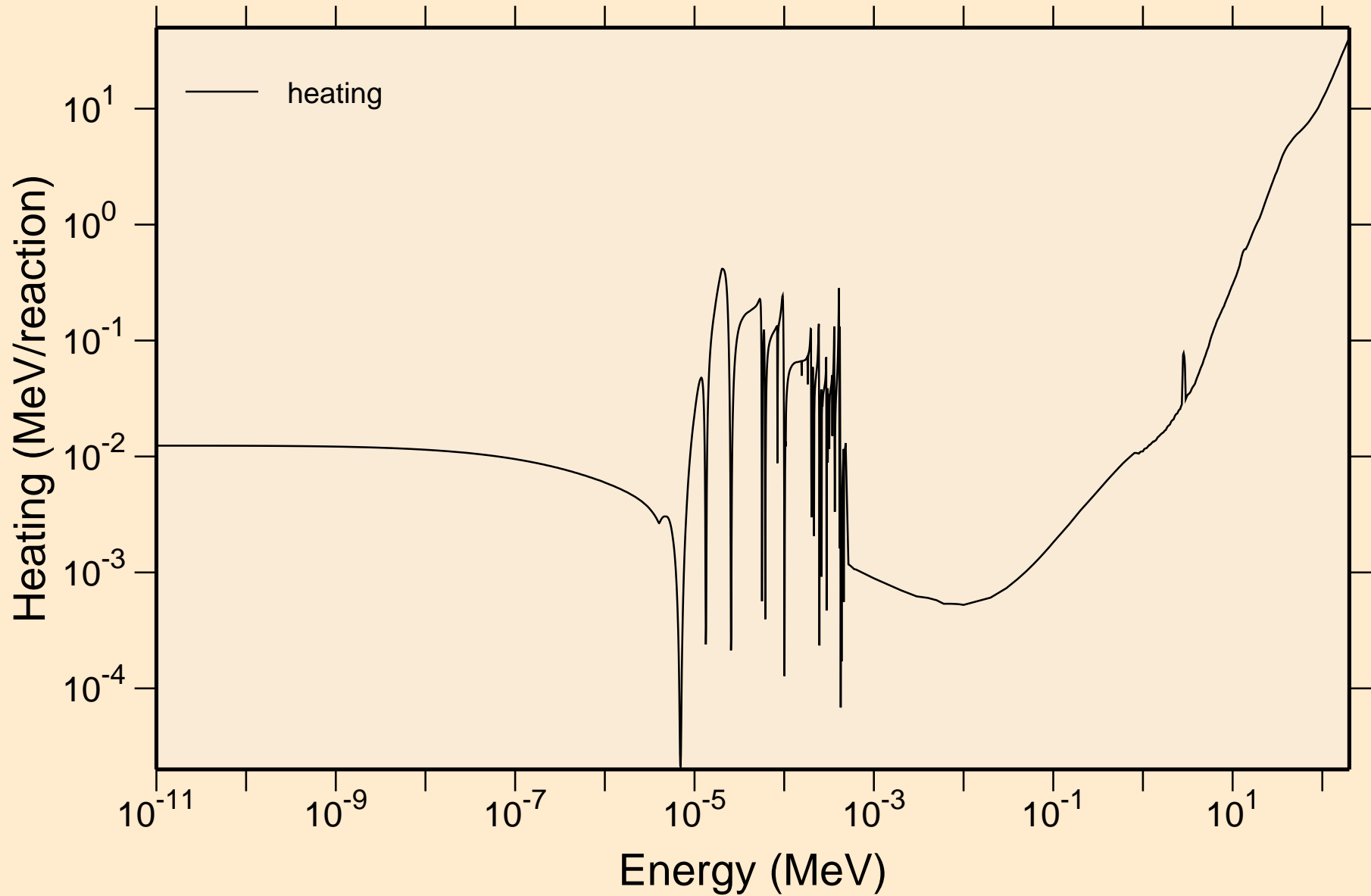




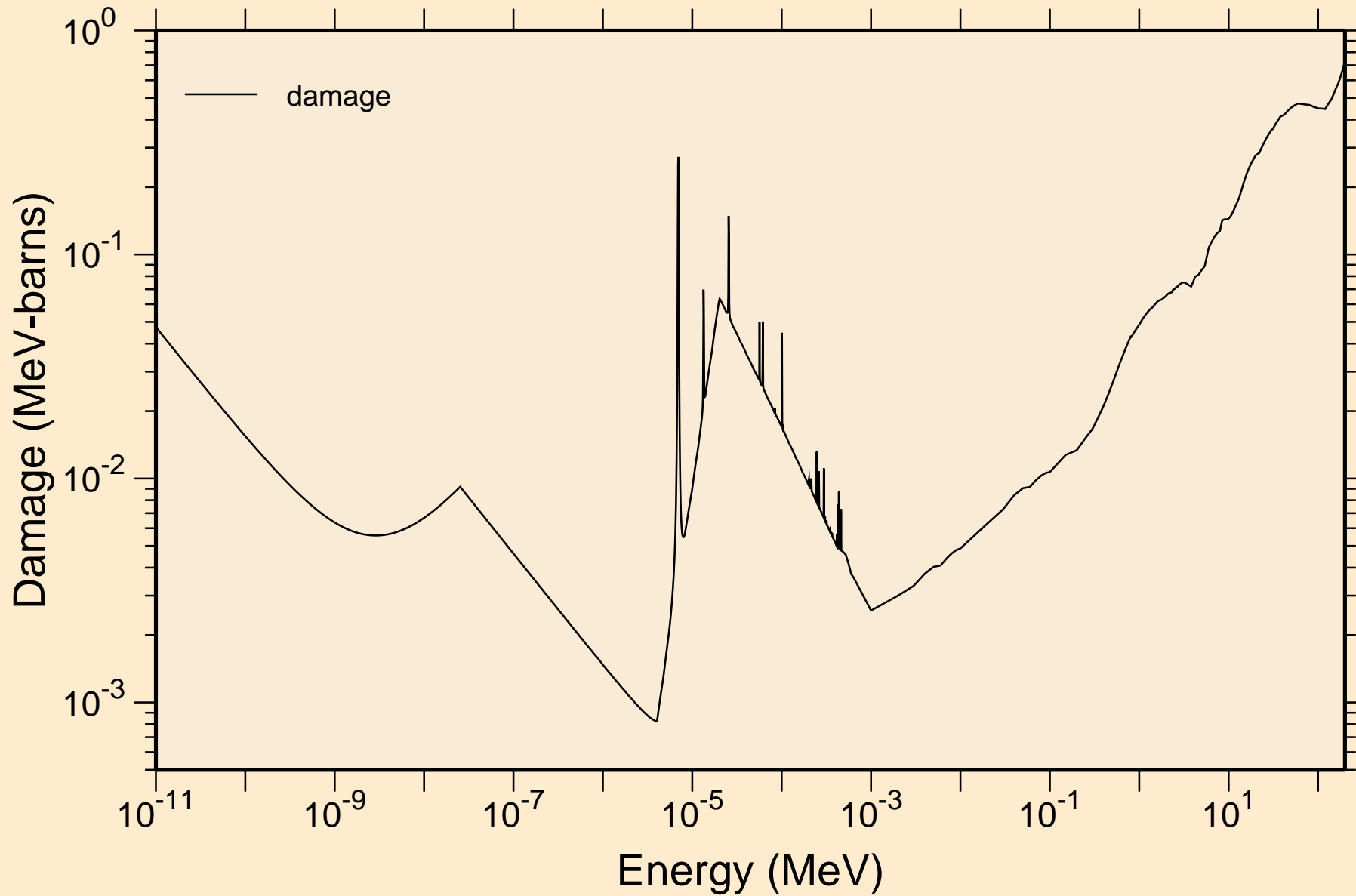
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



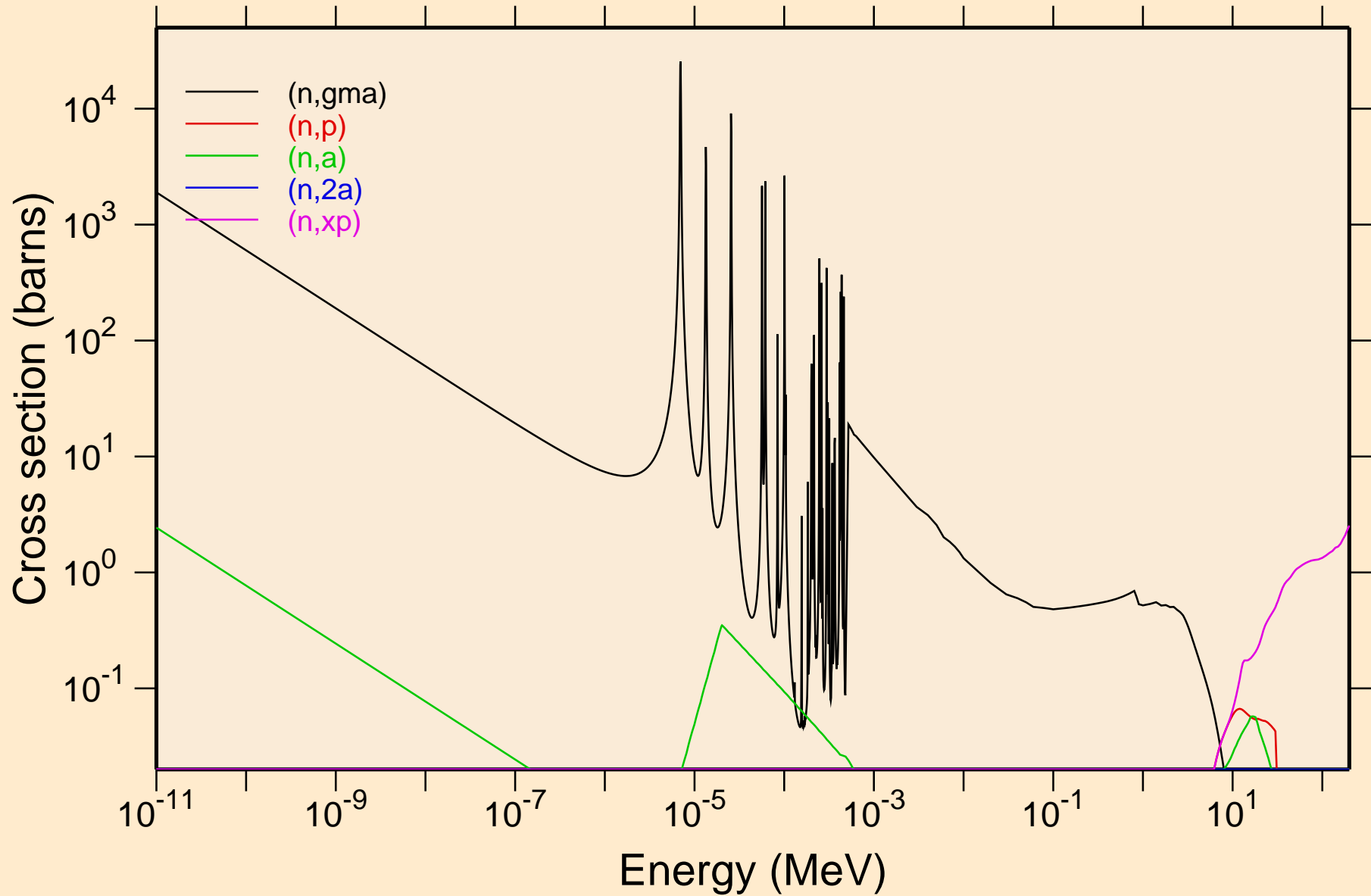
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



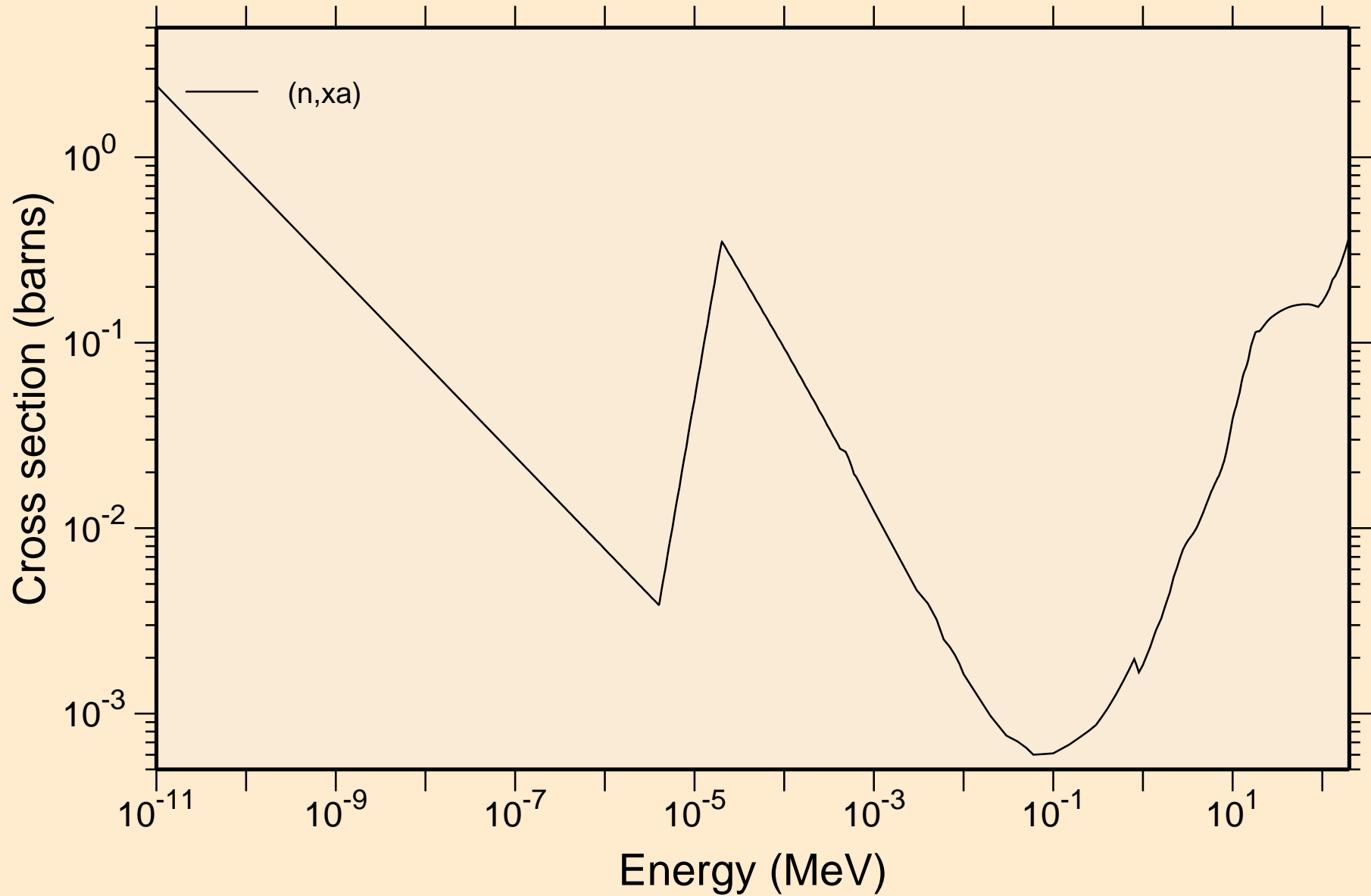
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Damage



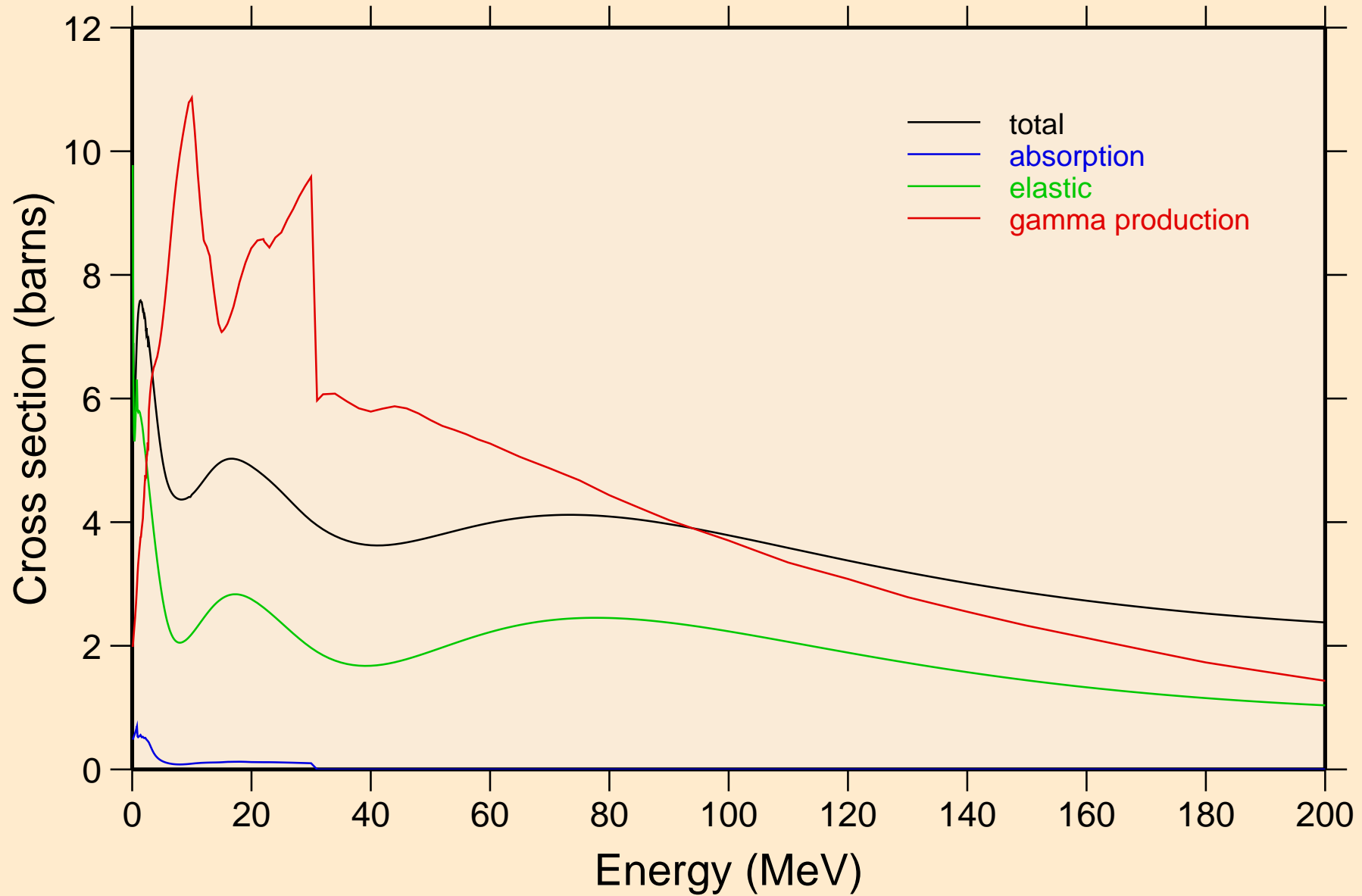
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



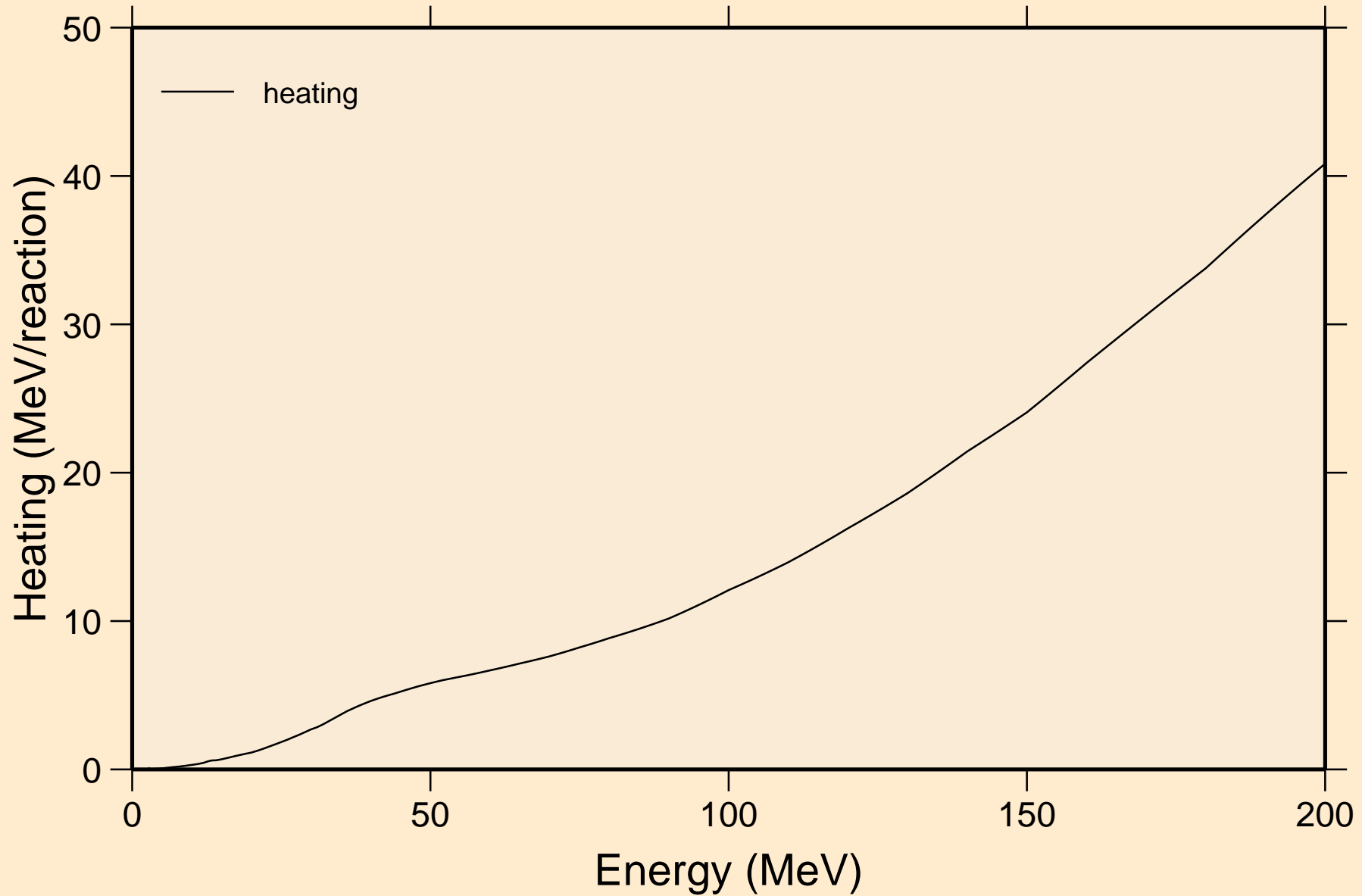
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



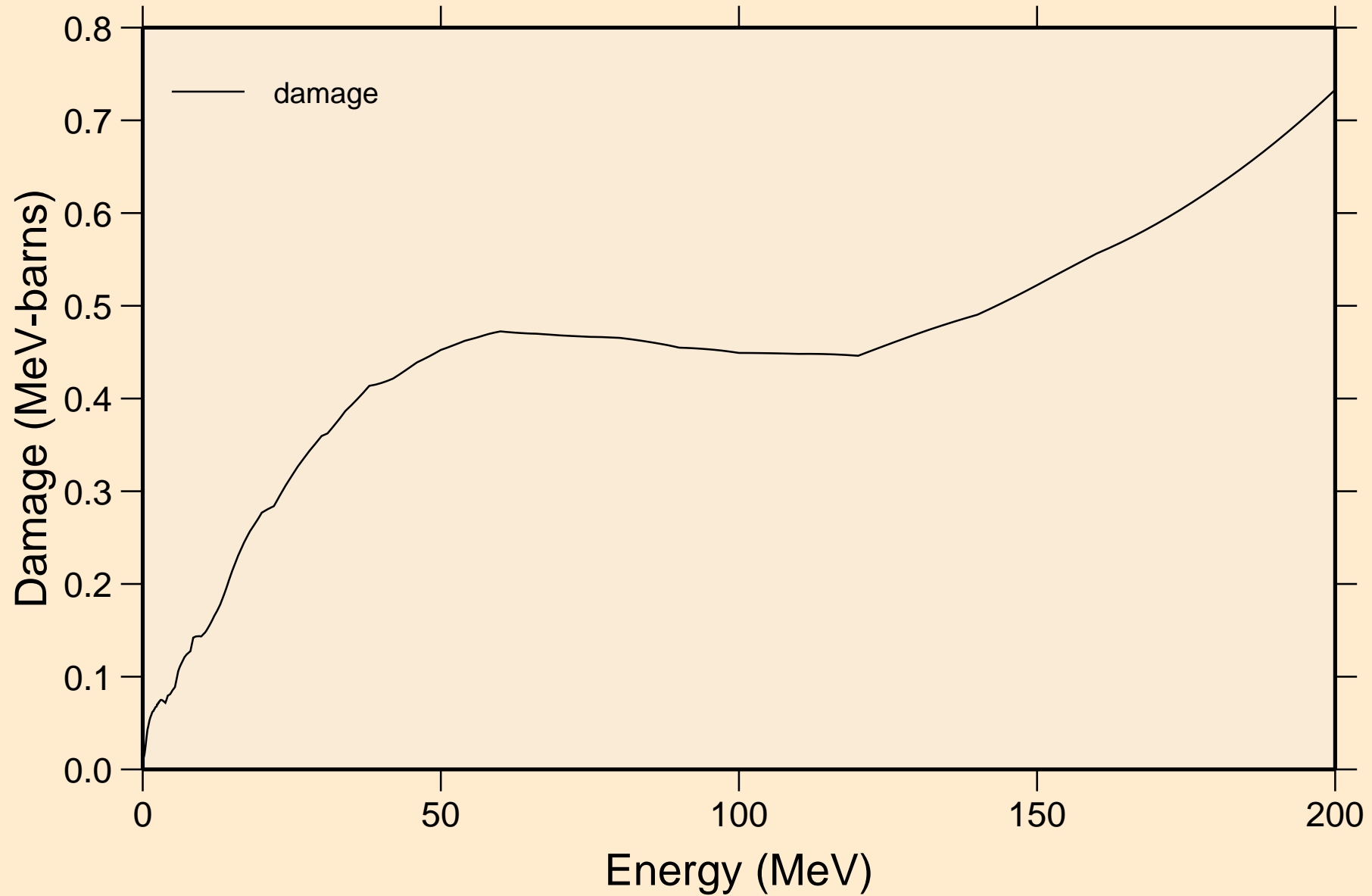
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

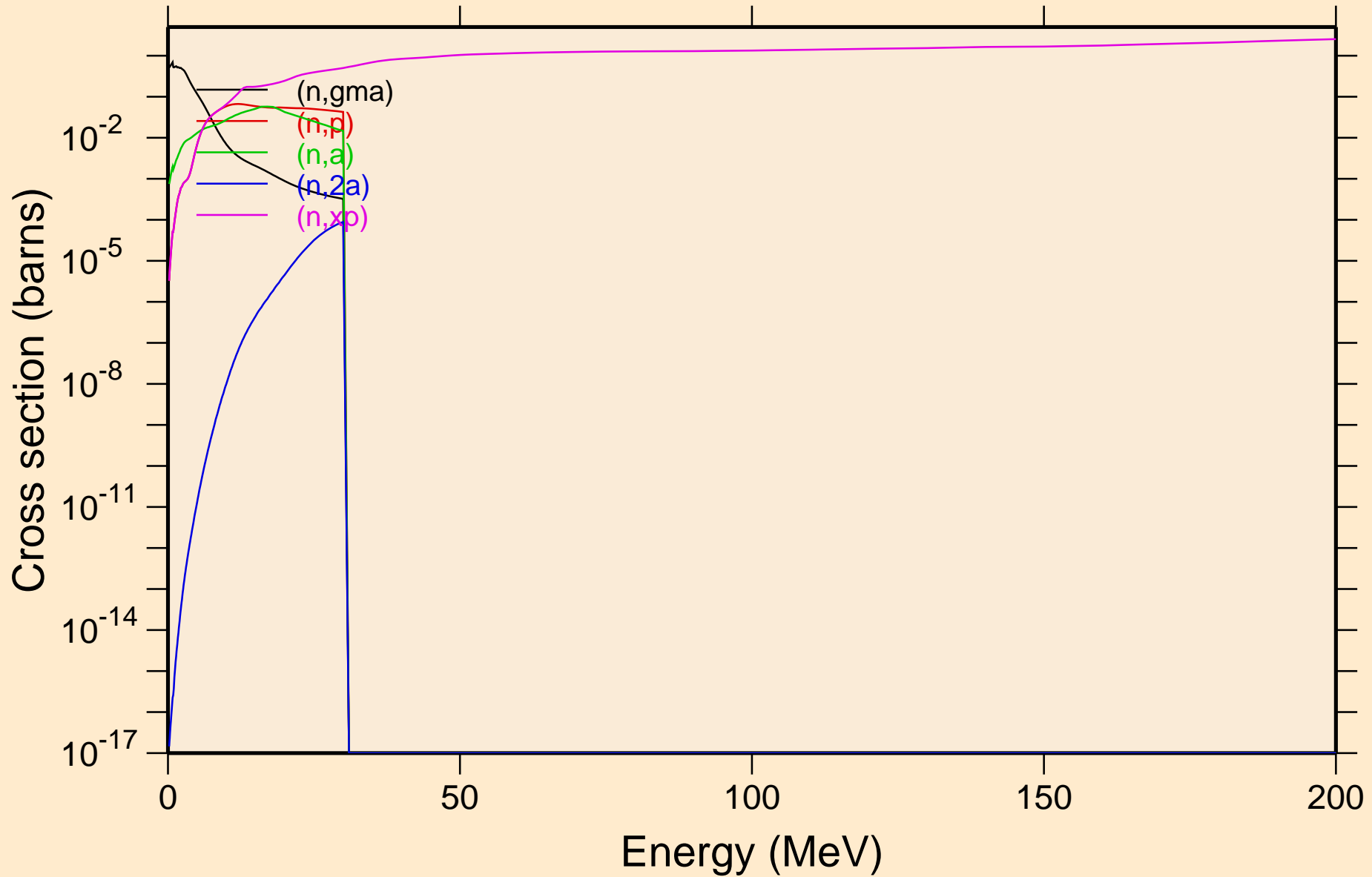


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Damage

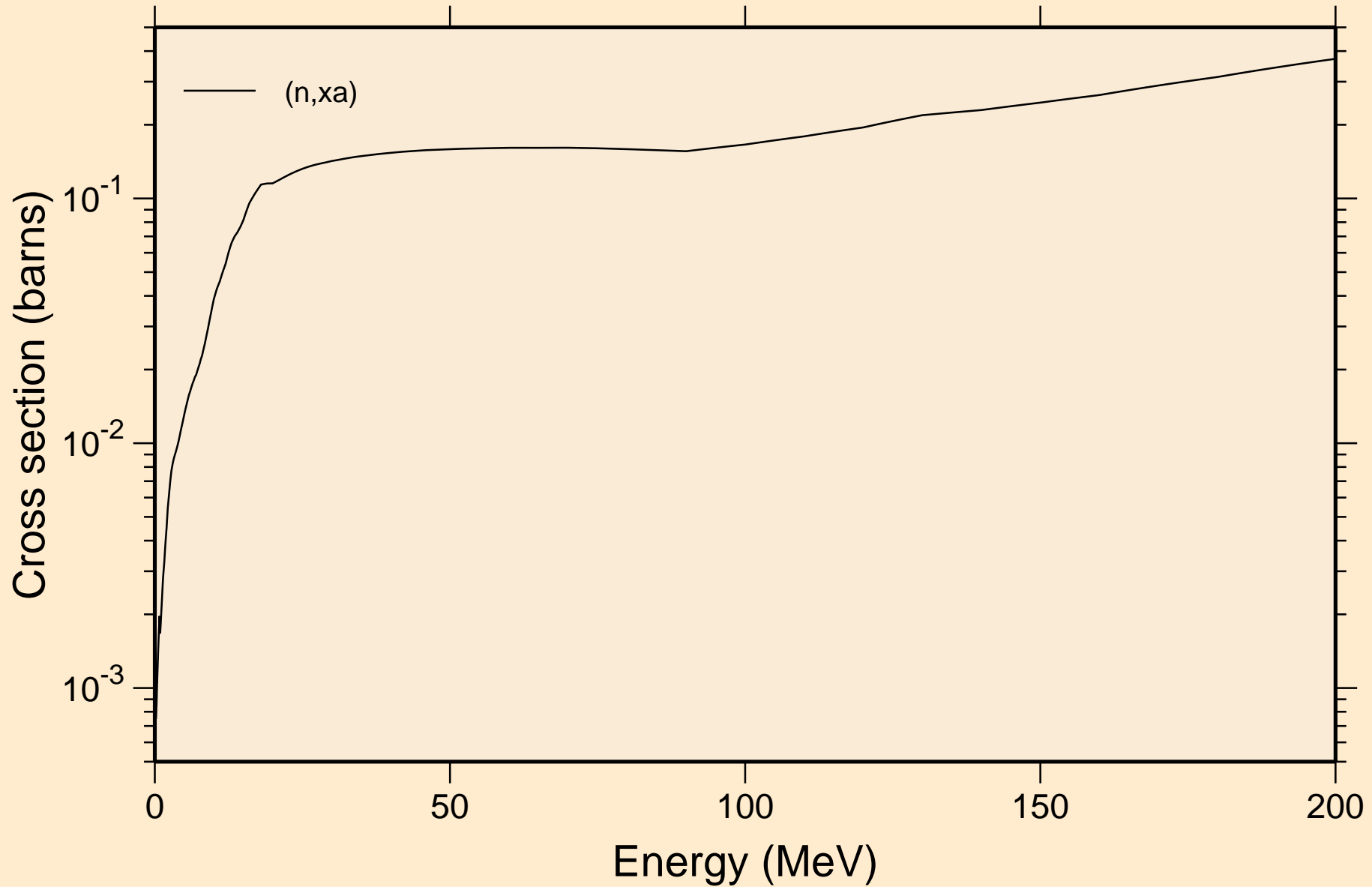




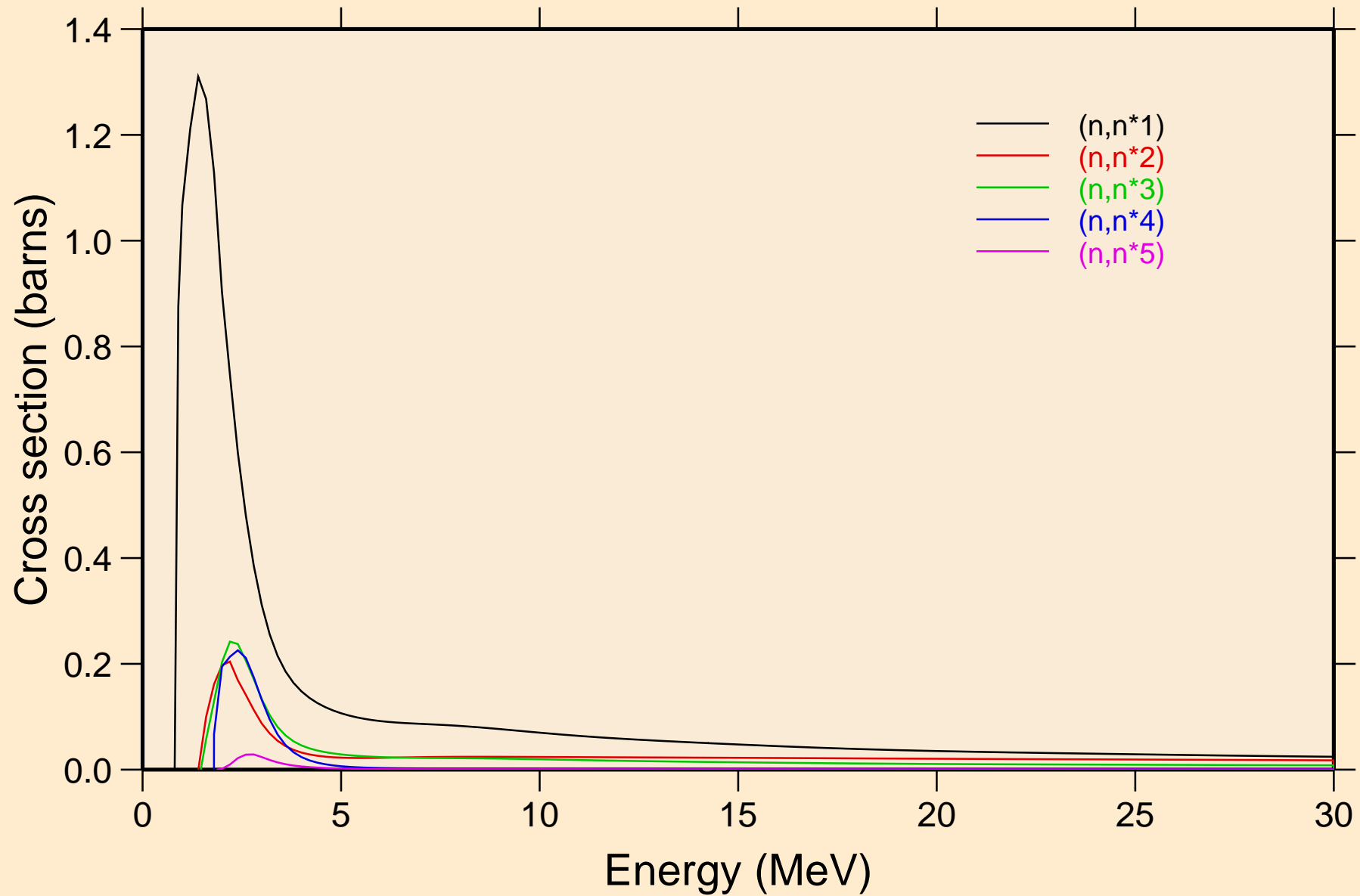
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Non-threshold reactions



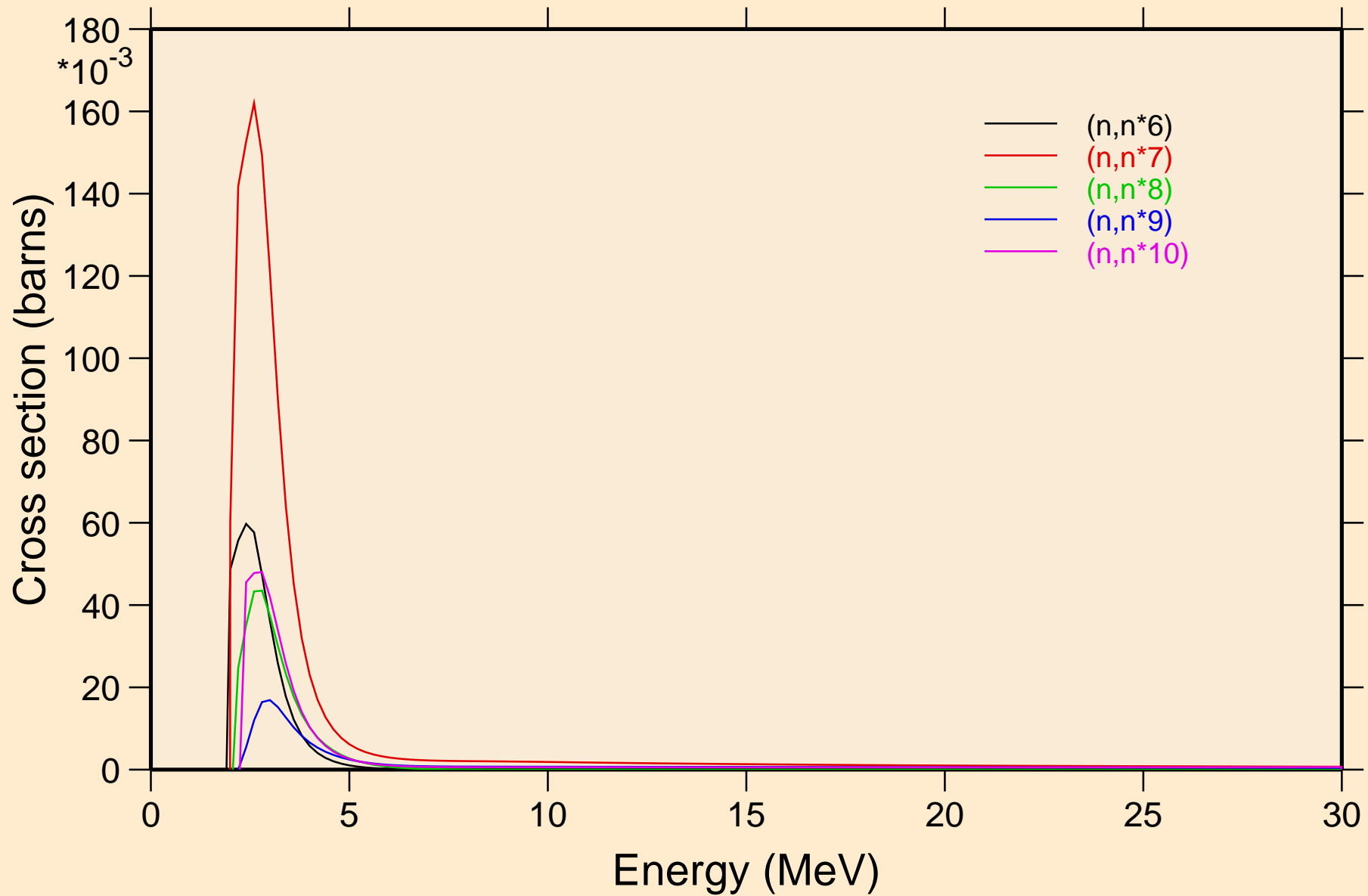
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Non-threshold reactions



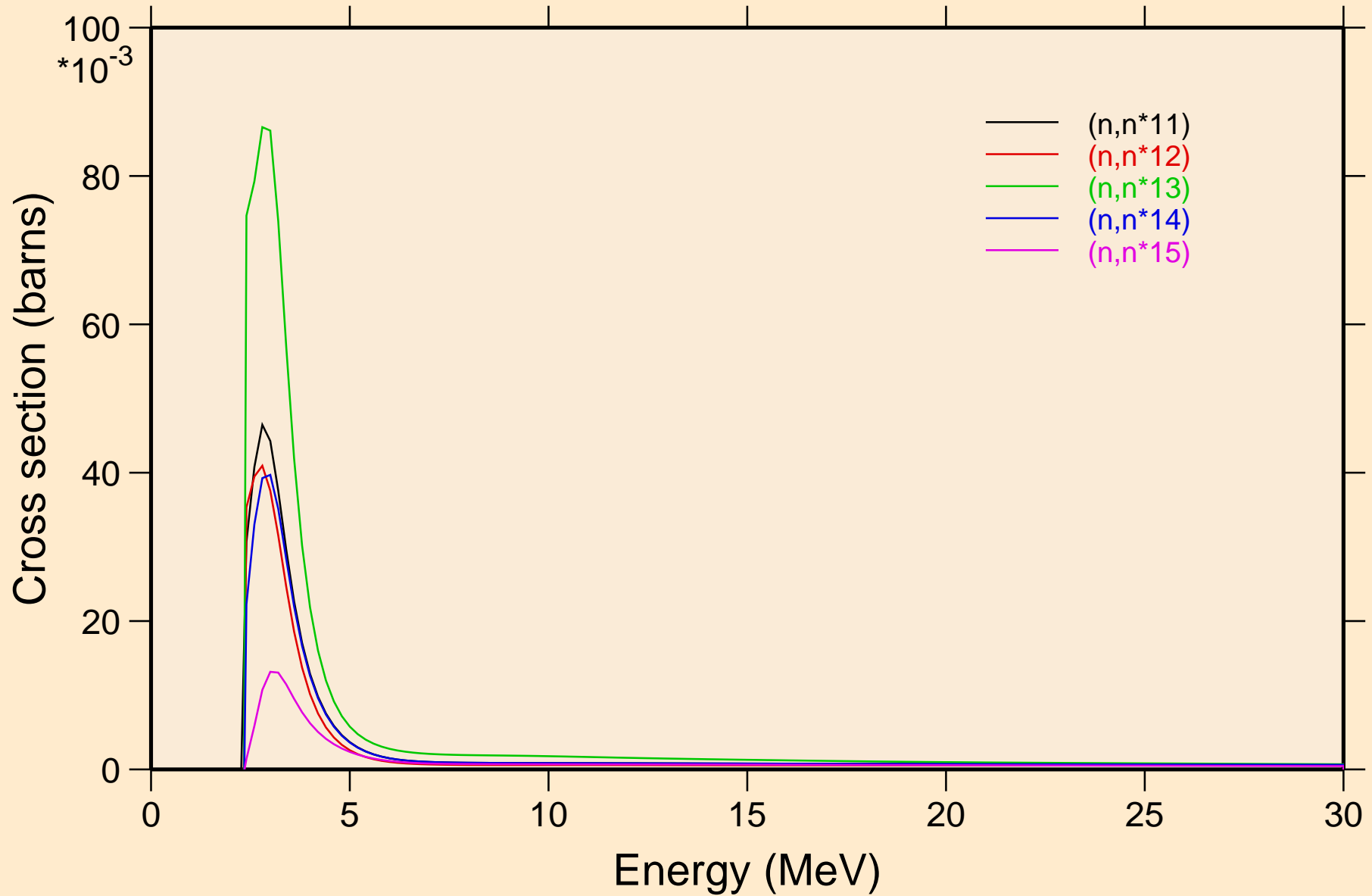
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Inelastic levels



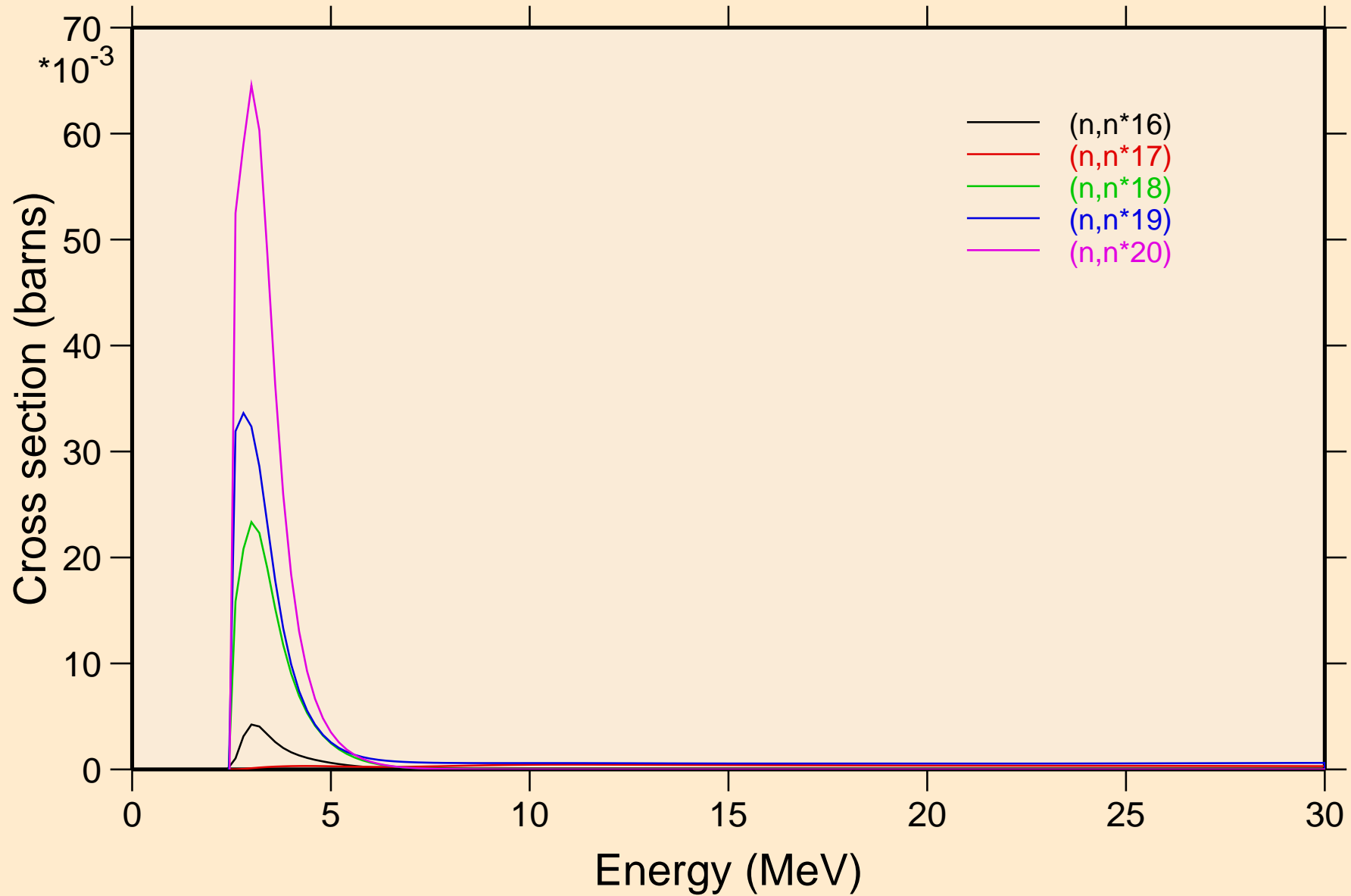
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Inelastic levels



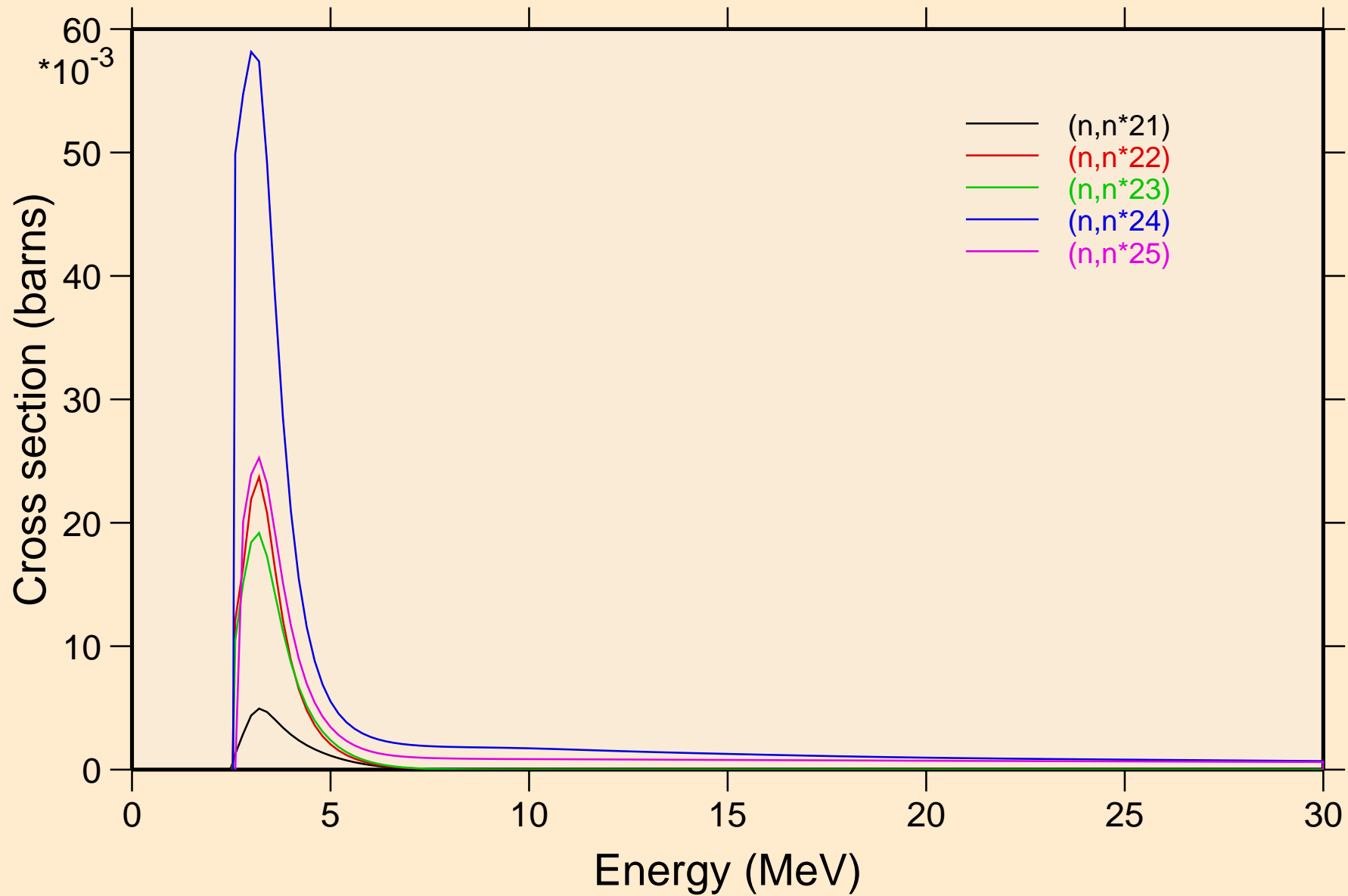
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



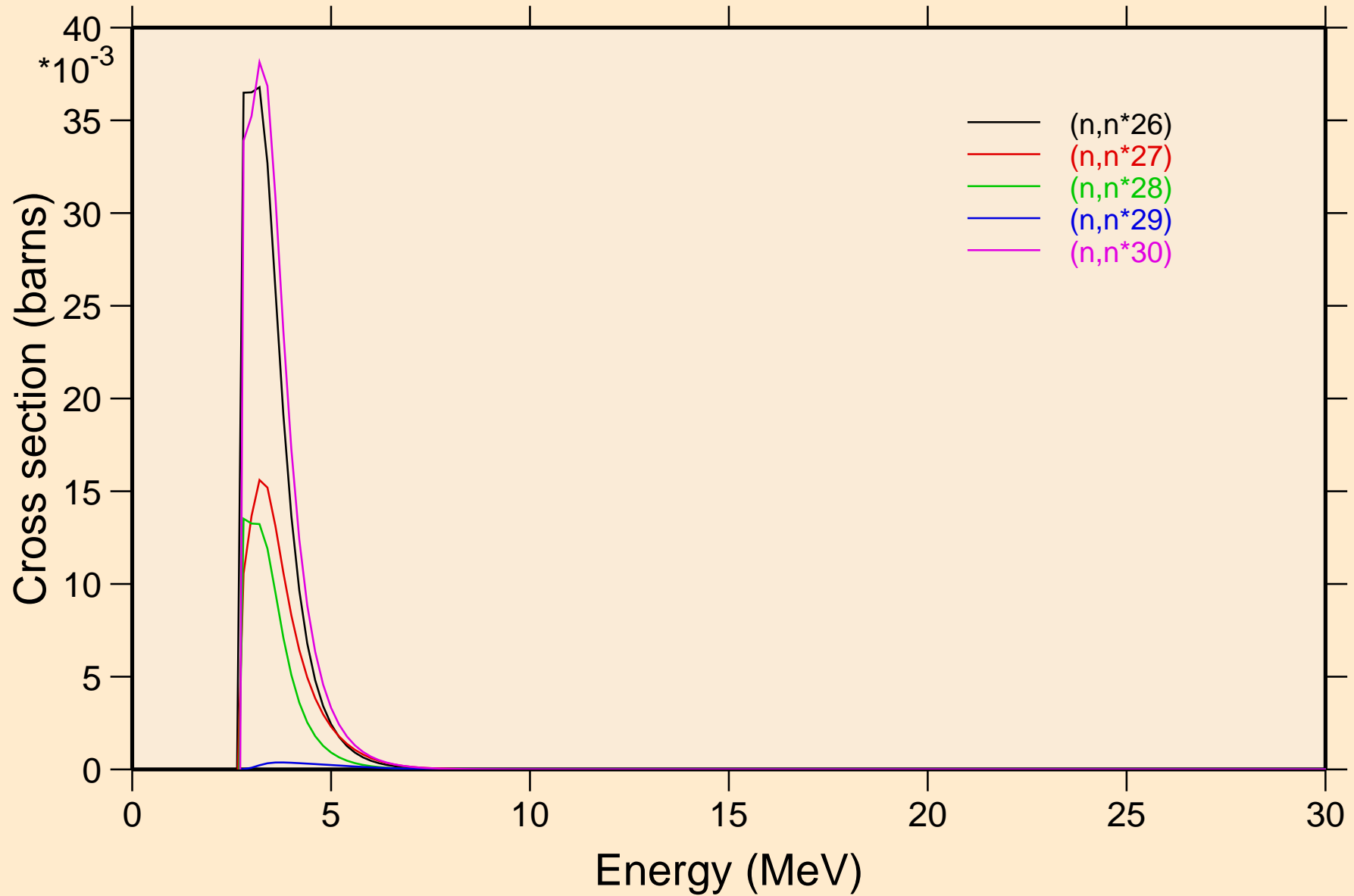
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

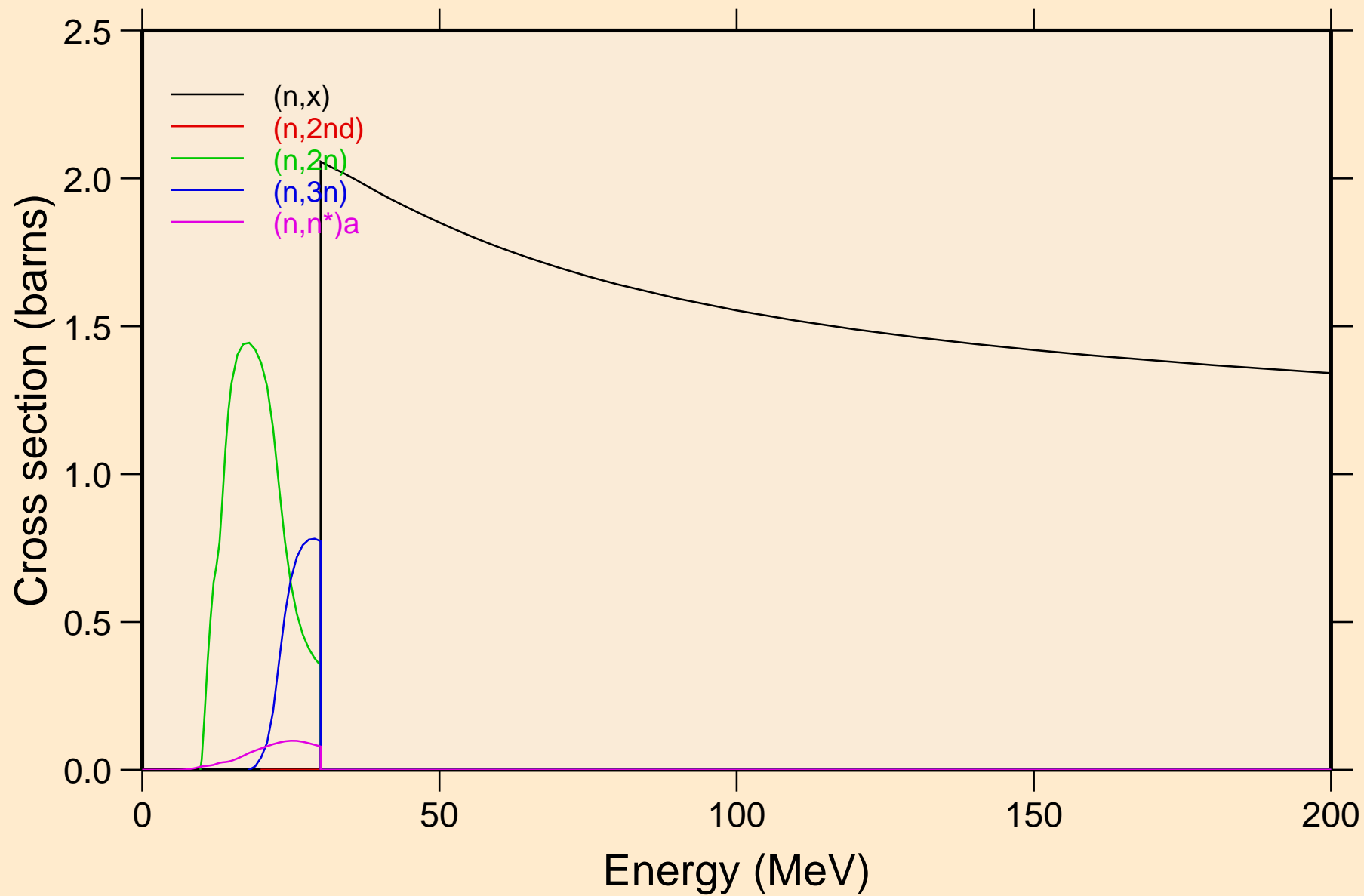


DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

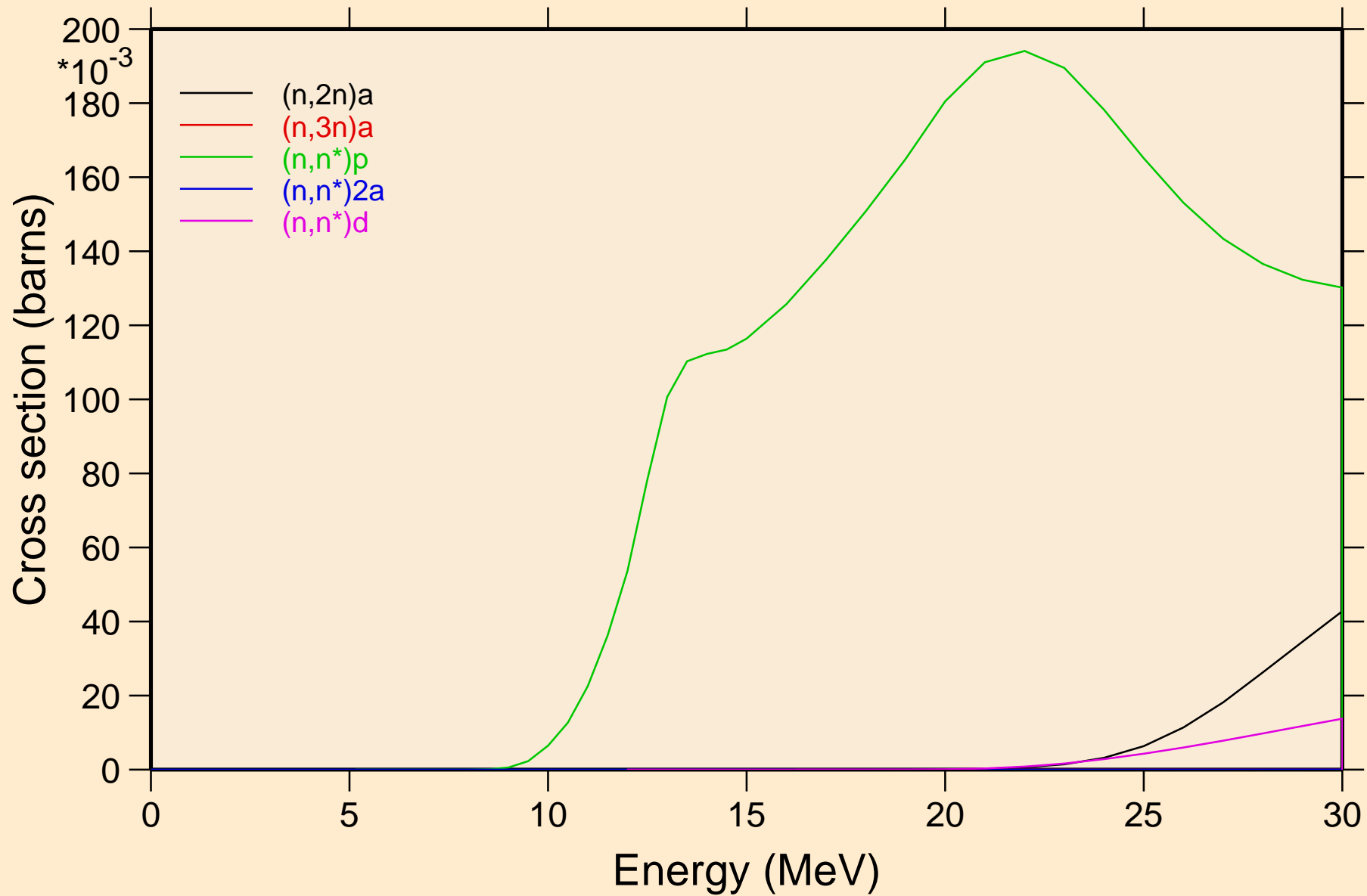




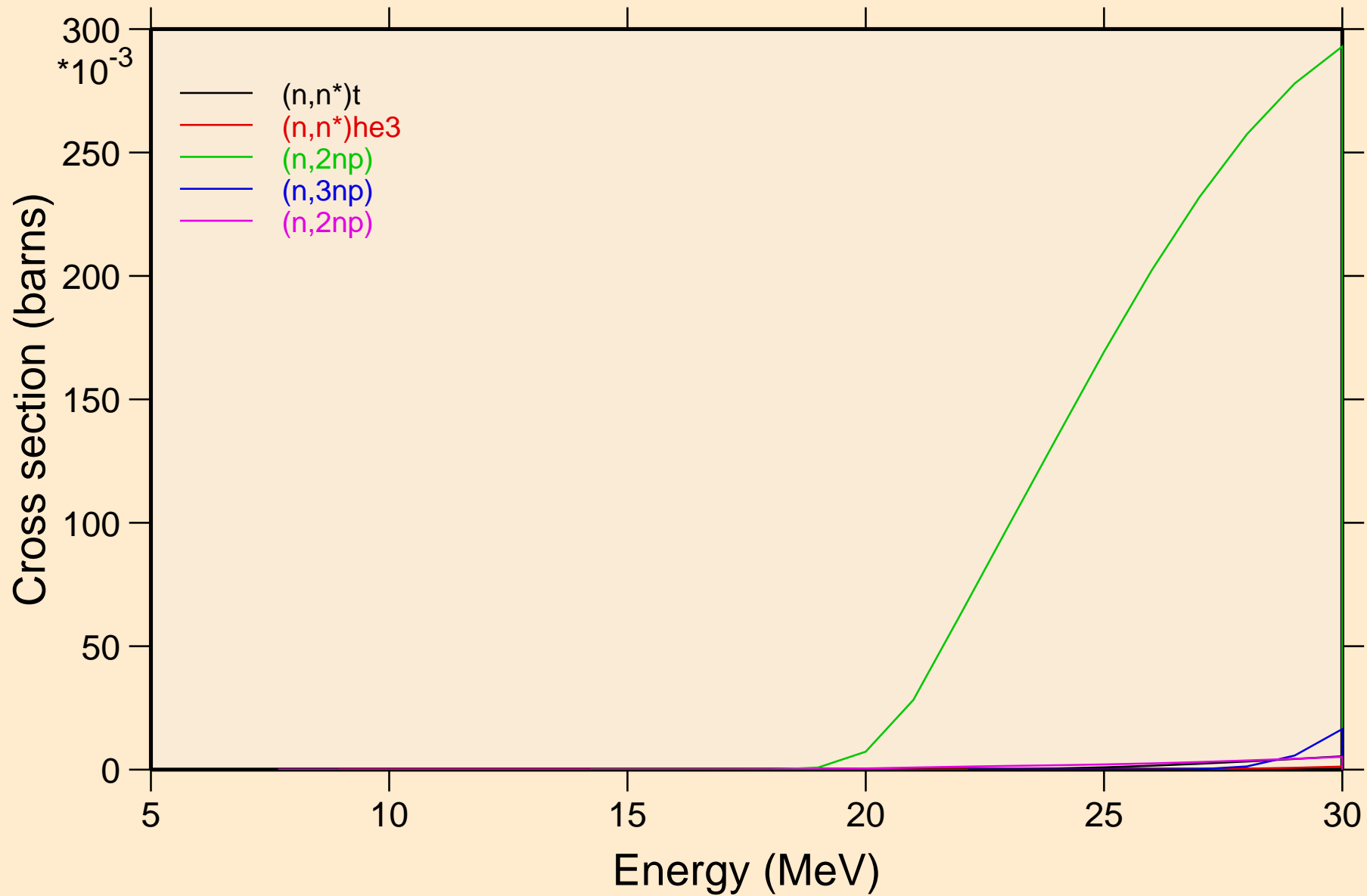
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Threshold reactions



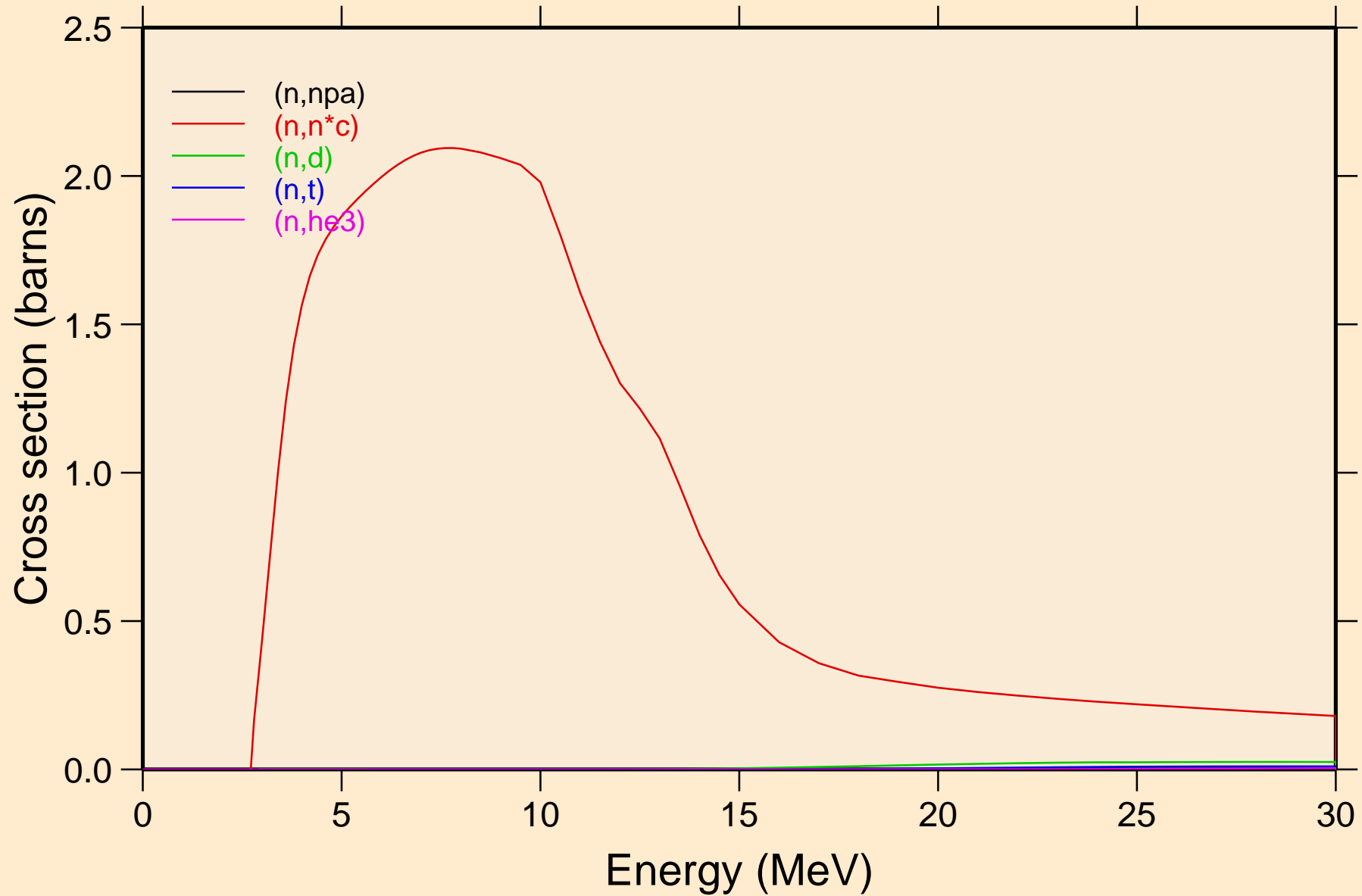
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



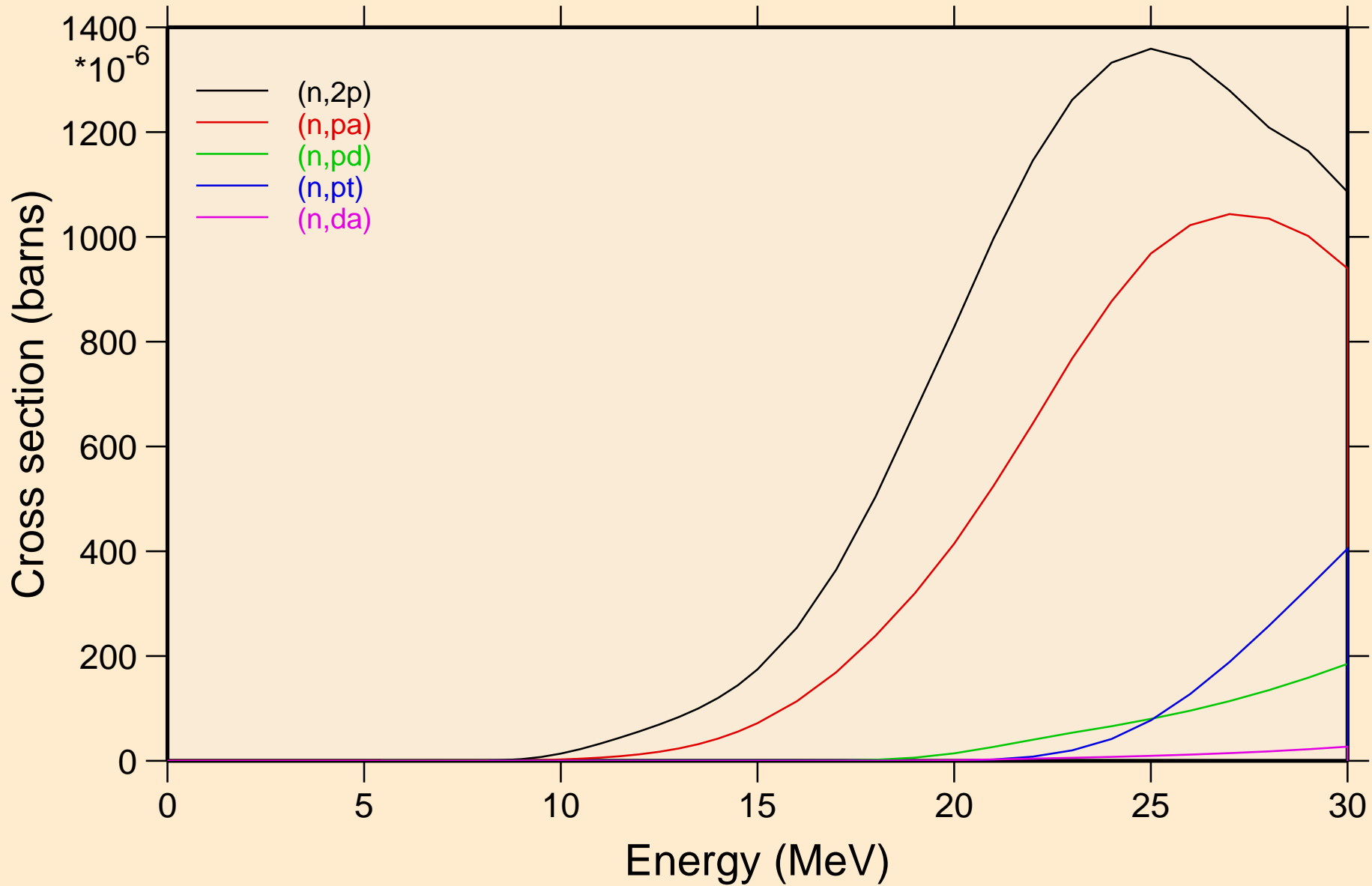
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



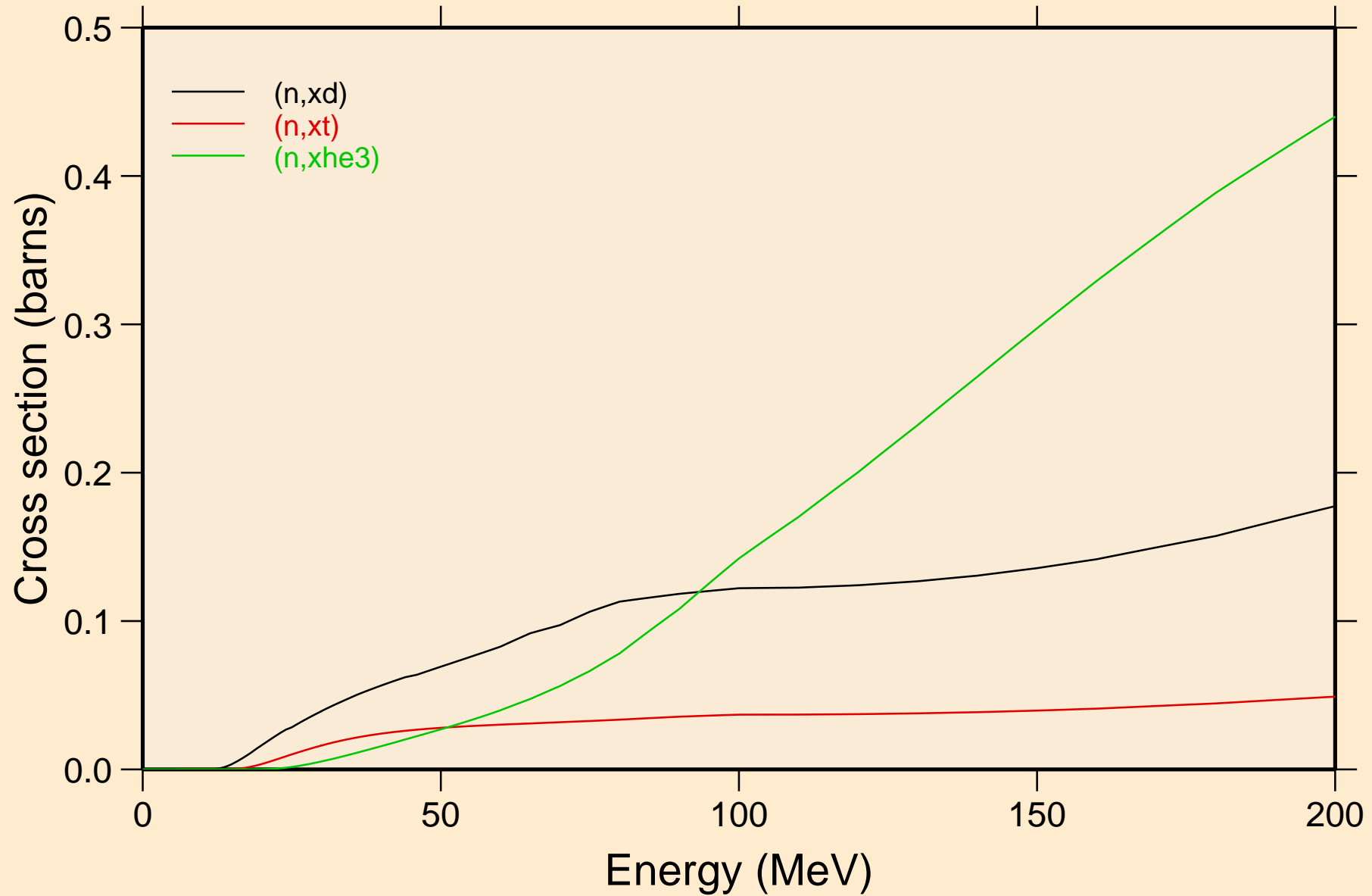
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



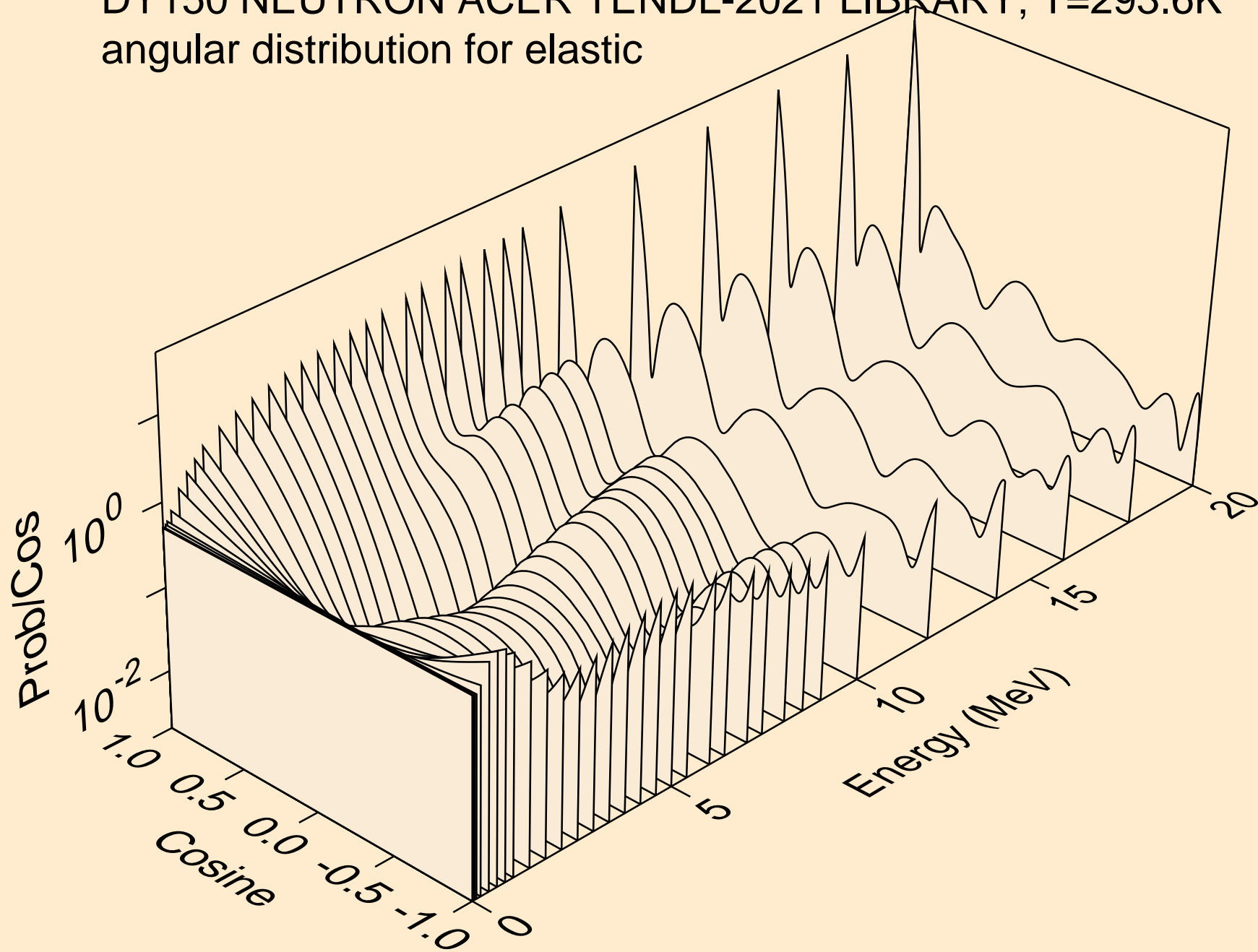
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



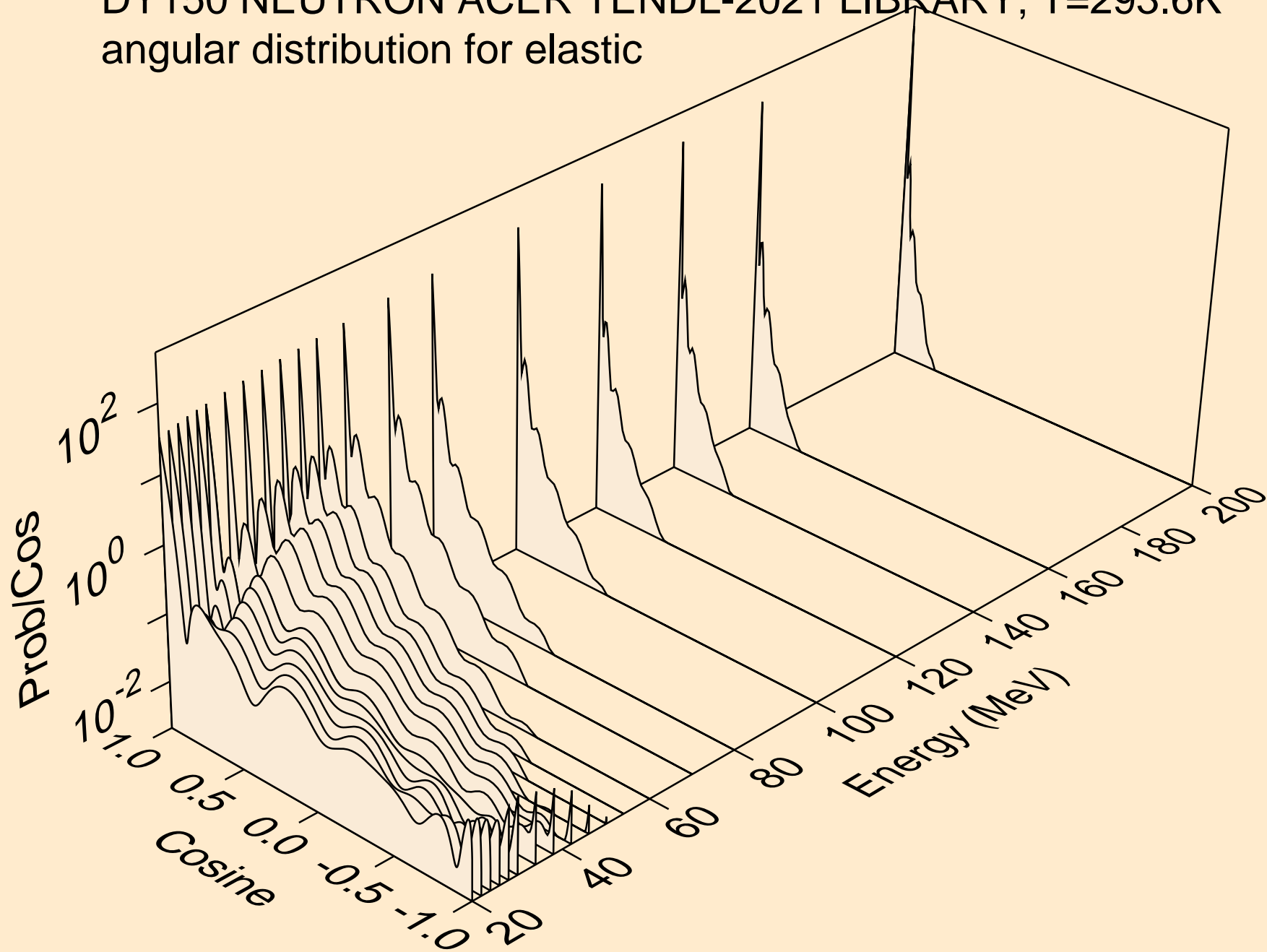
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

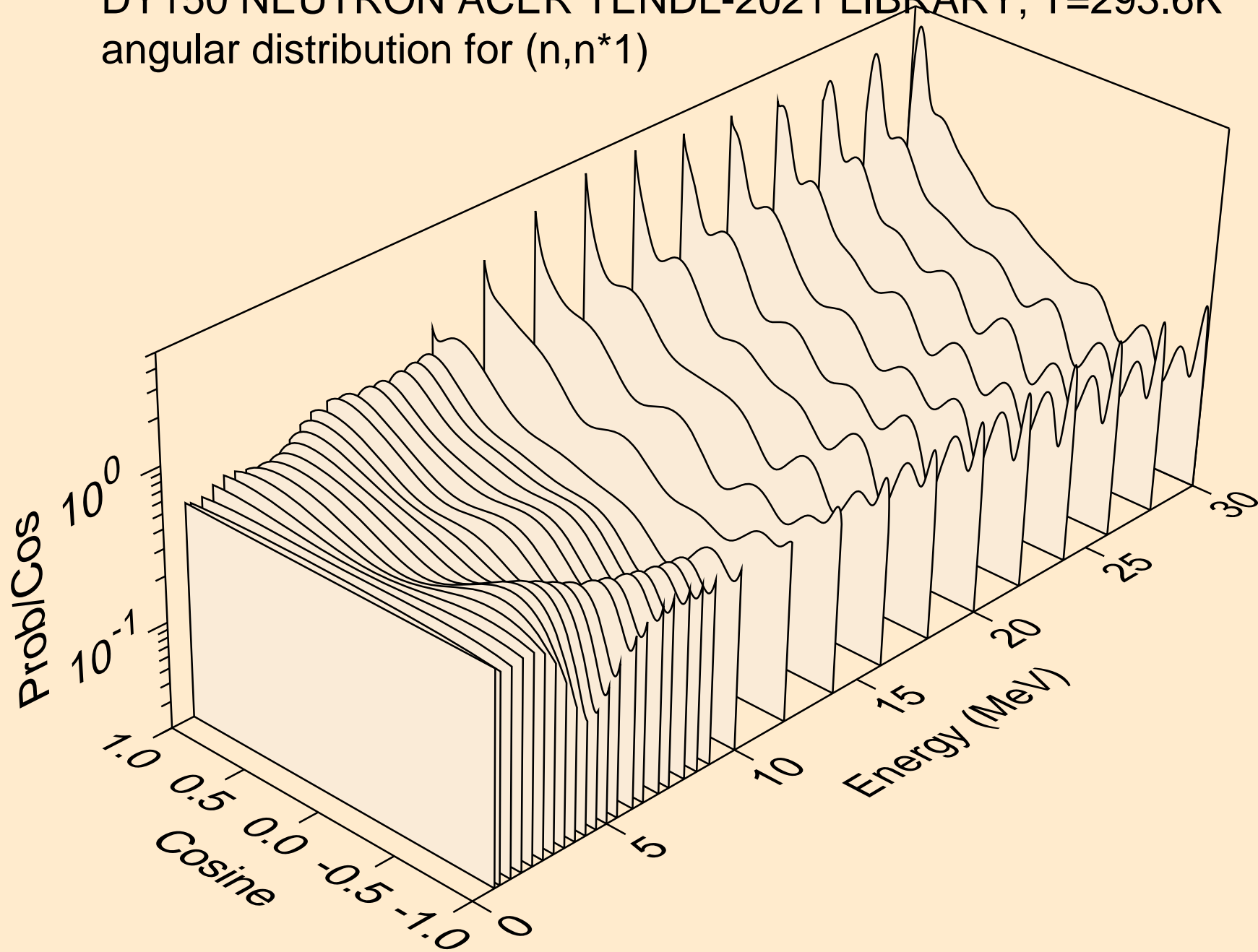


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angular distribution for elastic

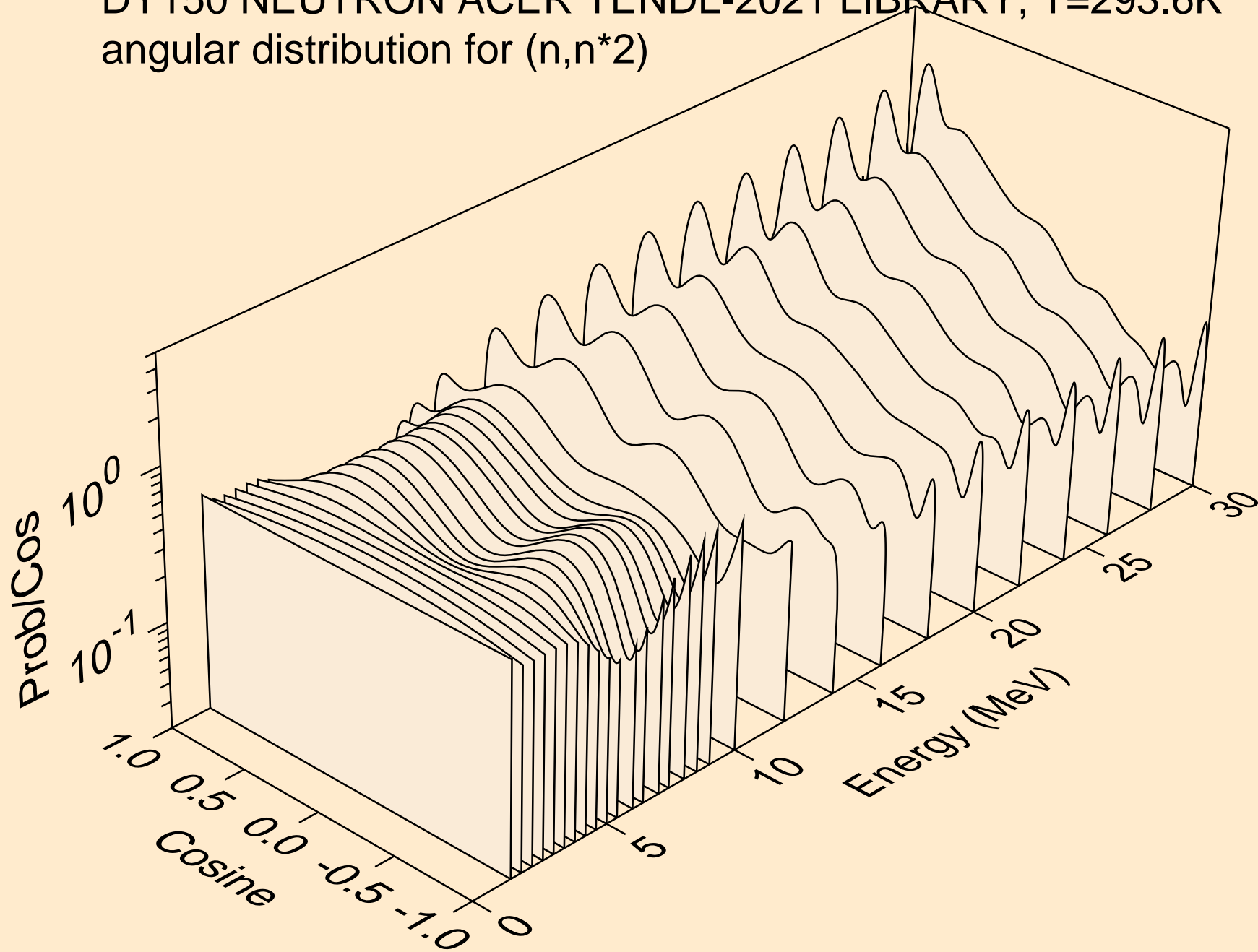




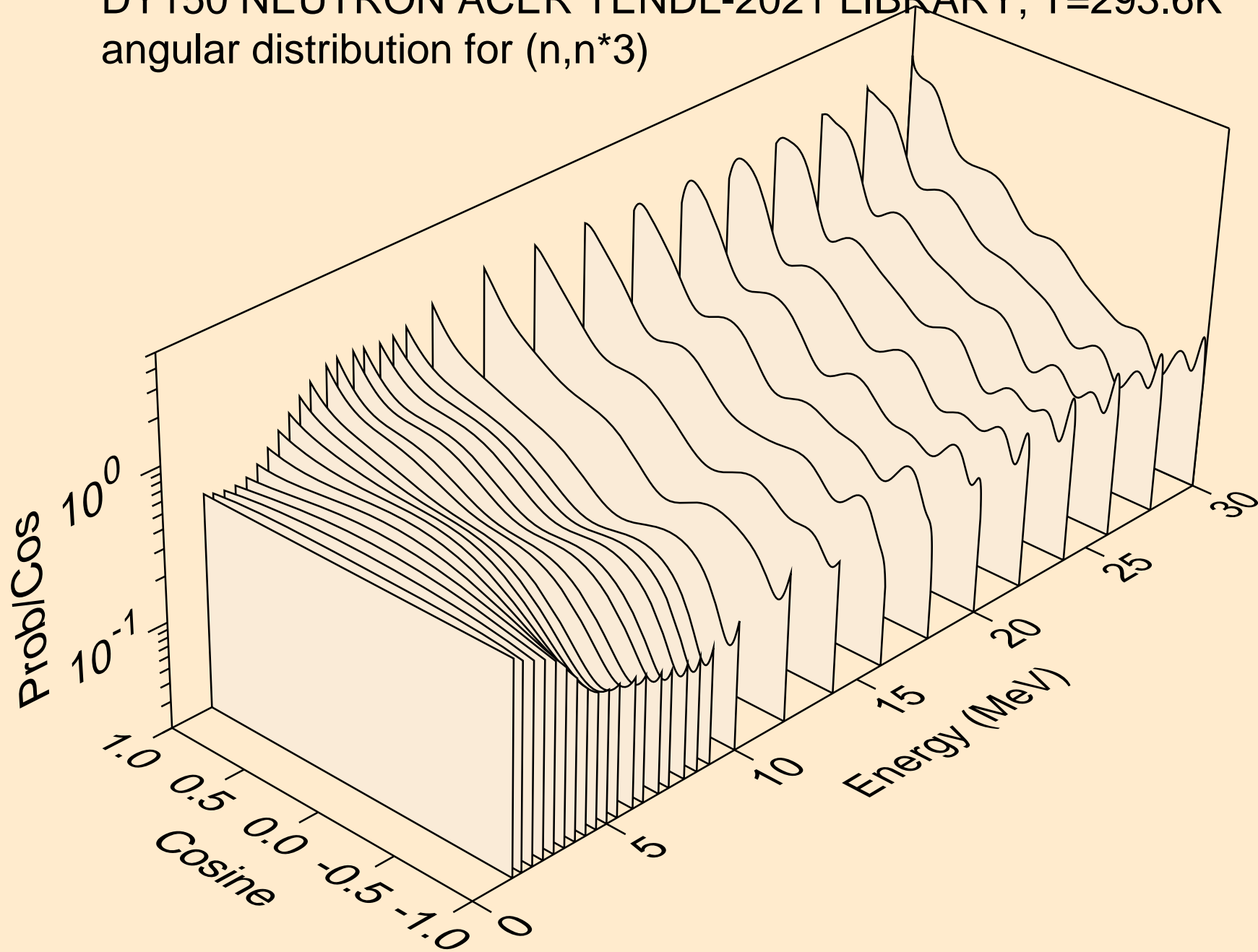
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angular distribution for (n,n\*1)



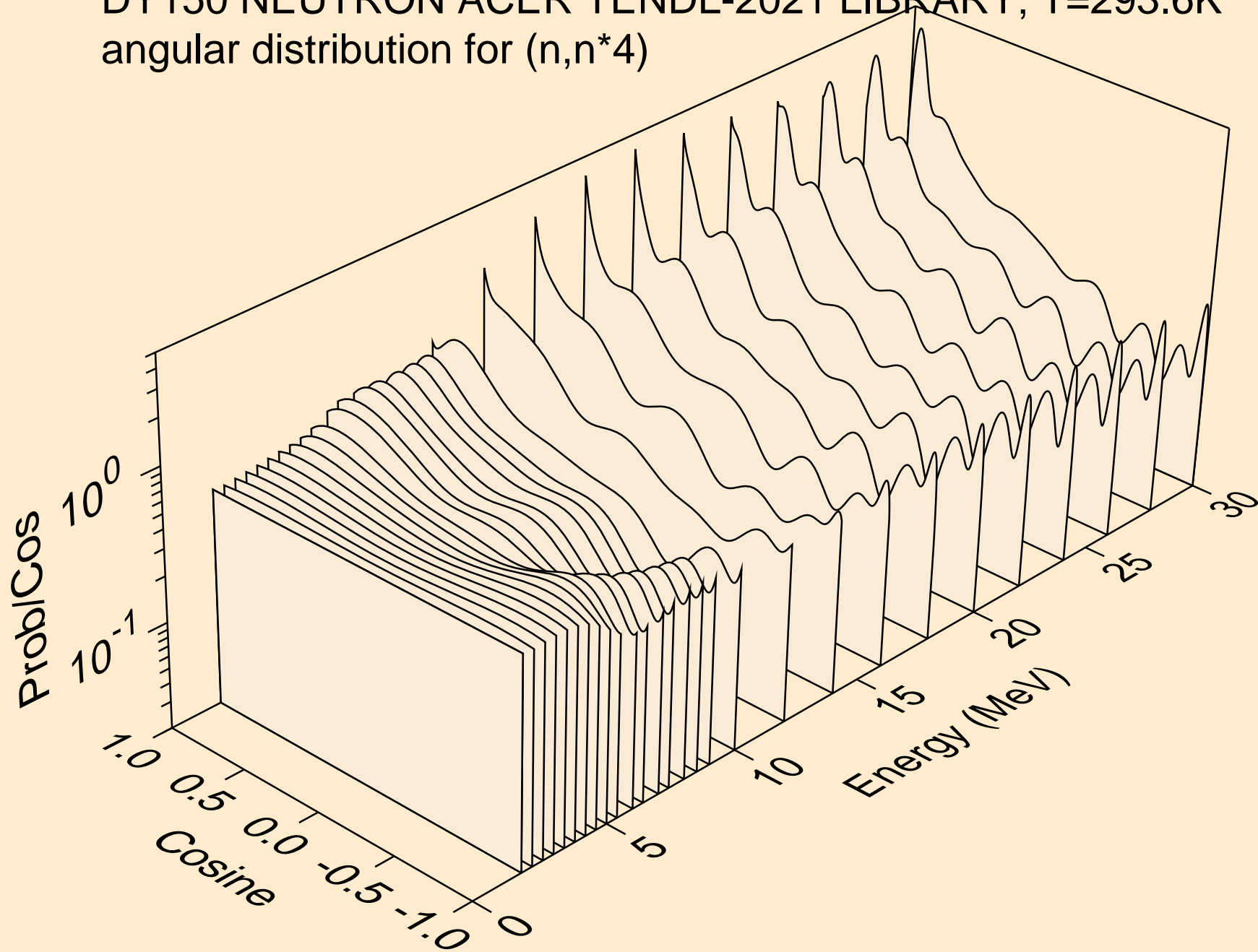
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angular distribution for (n,n\*2)



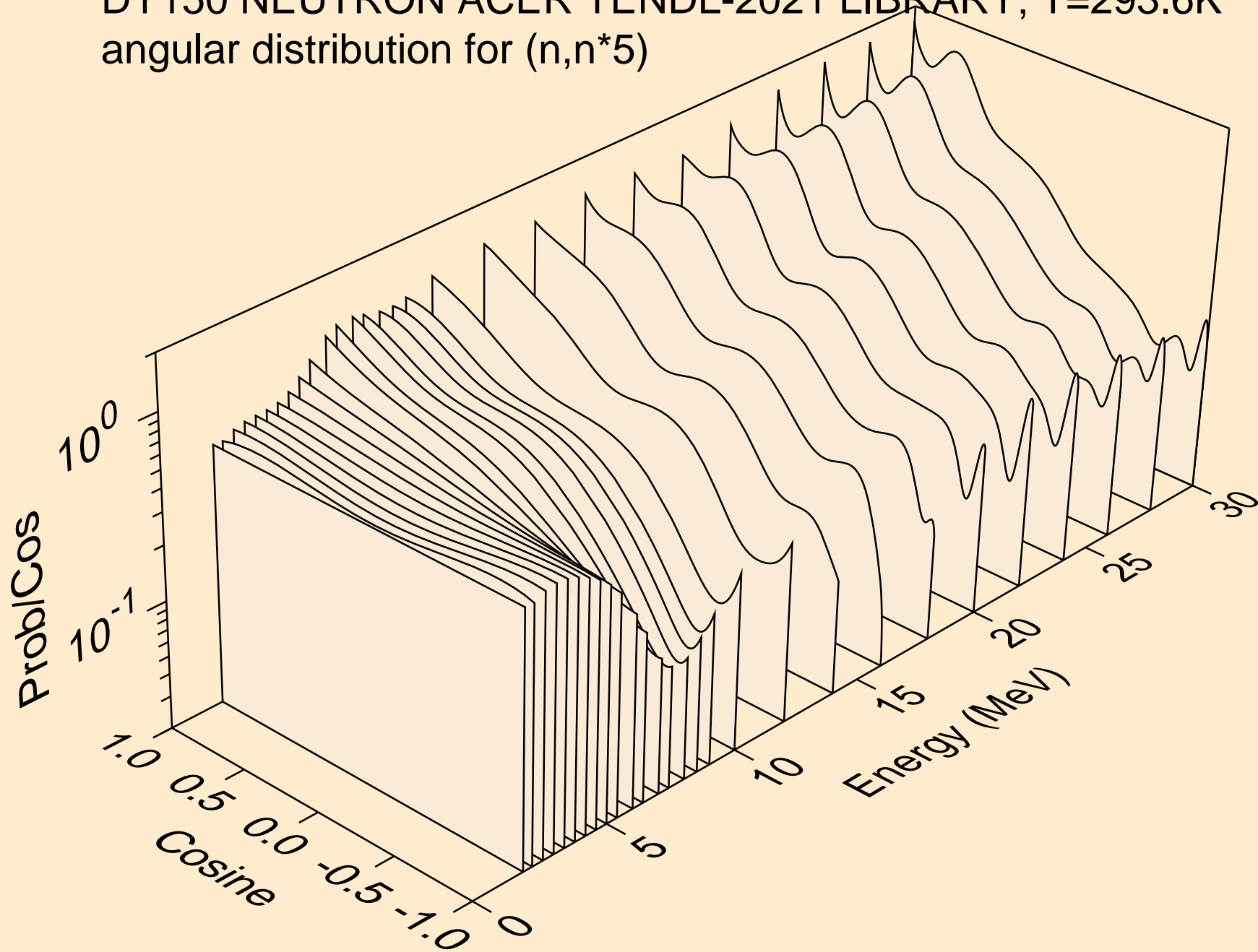
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angular distribution for (n,n\*3)



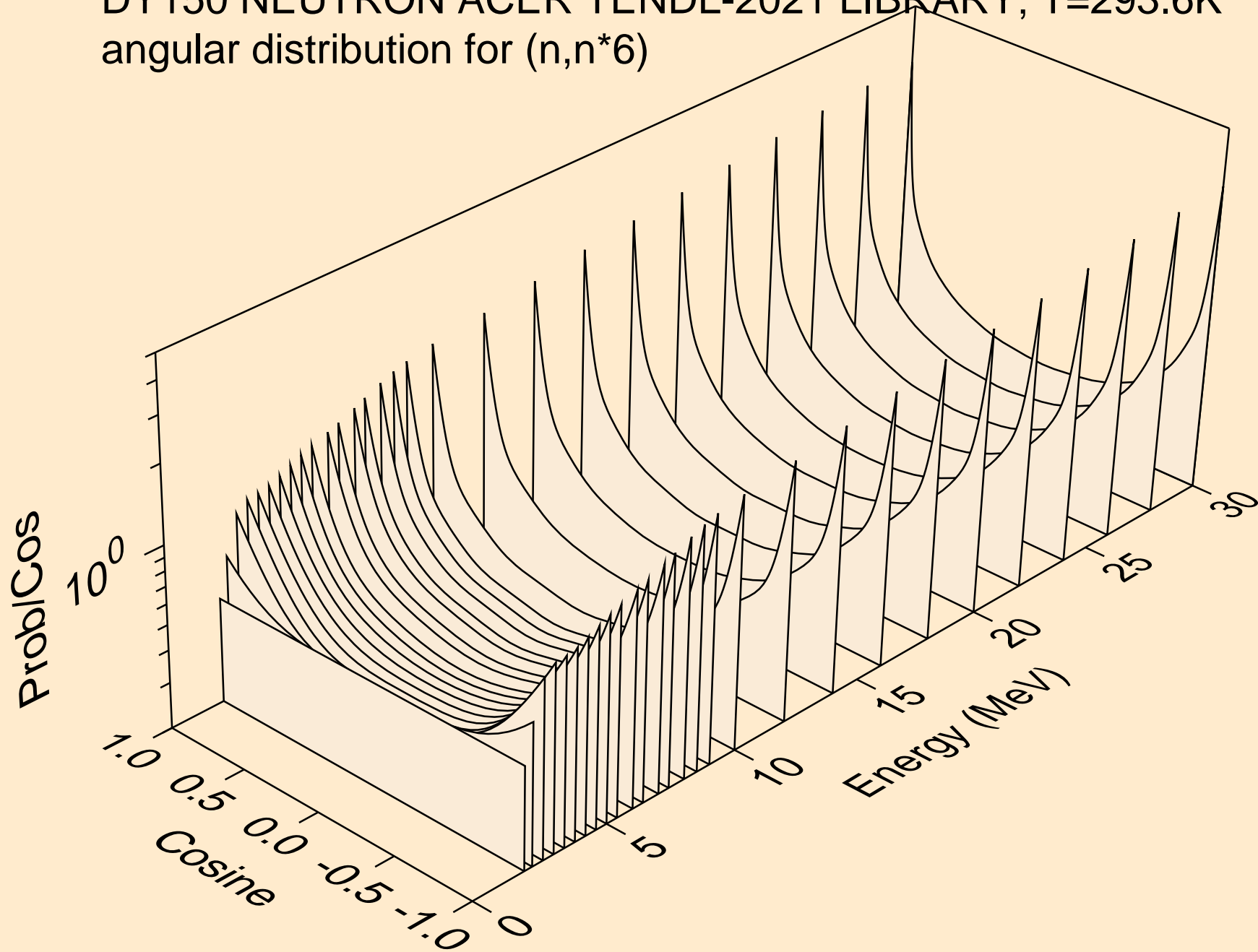
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angular distribution for (n,n\*4)



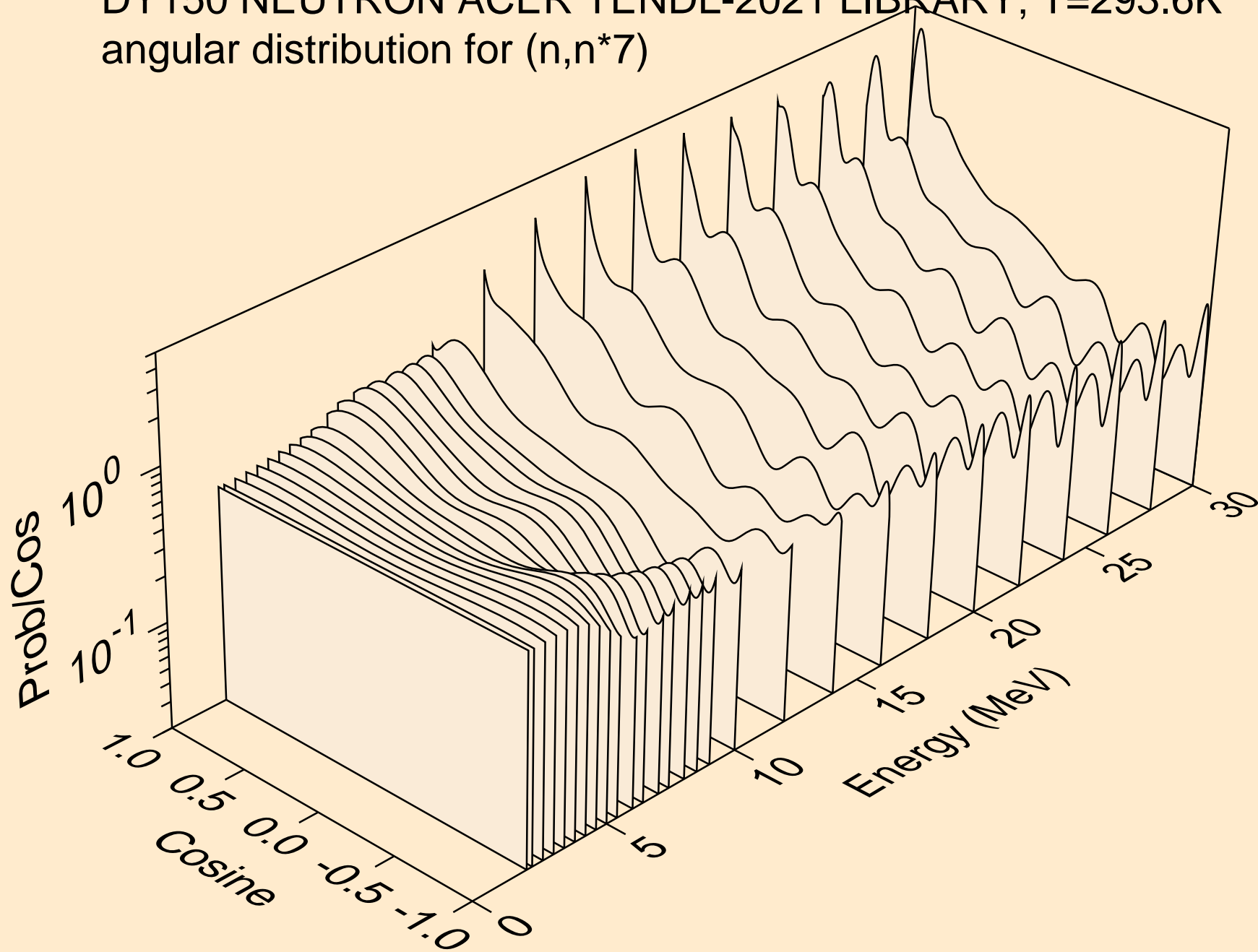
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angular distribution for (n,n\*5)



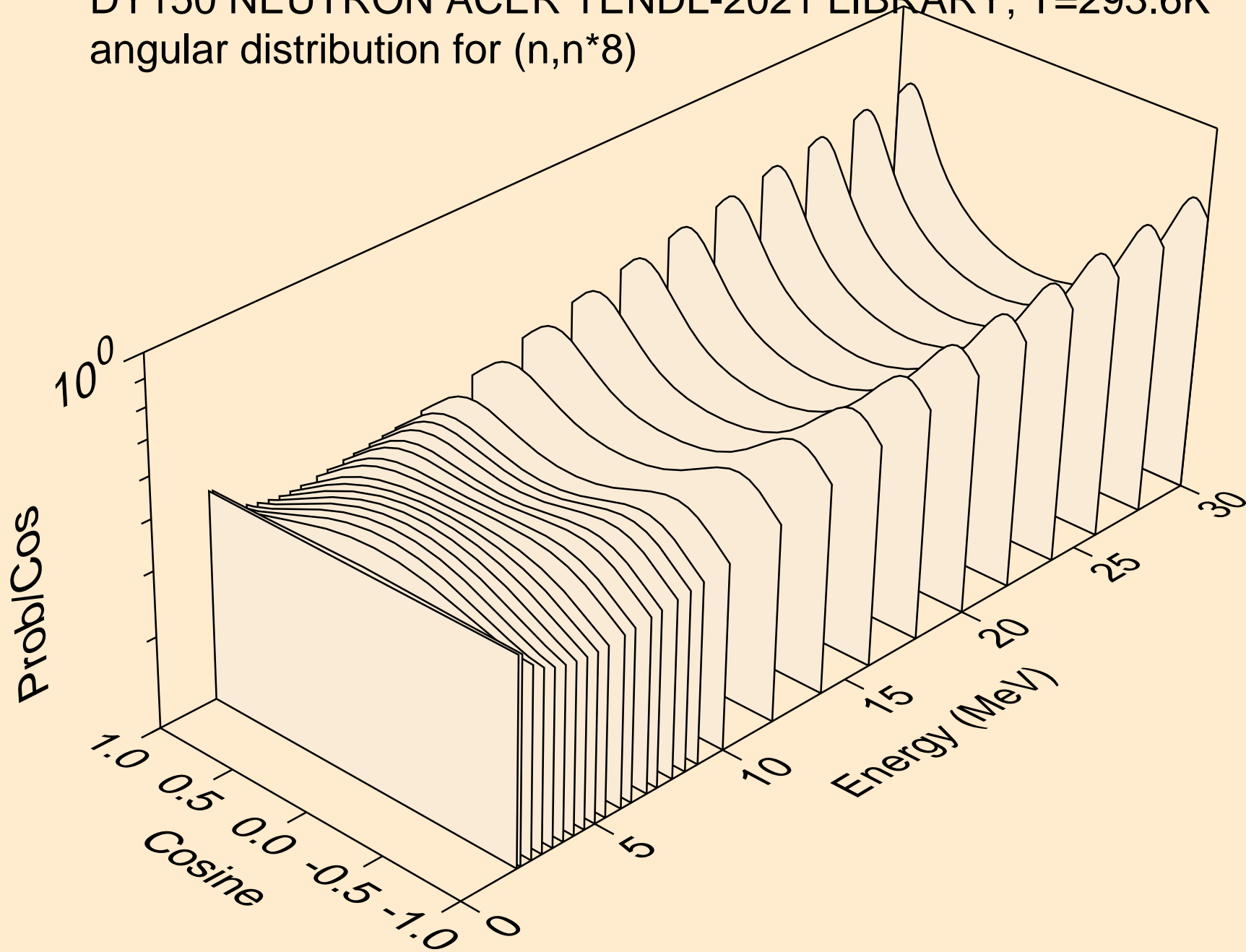
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

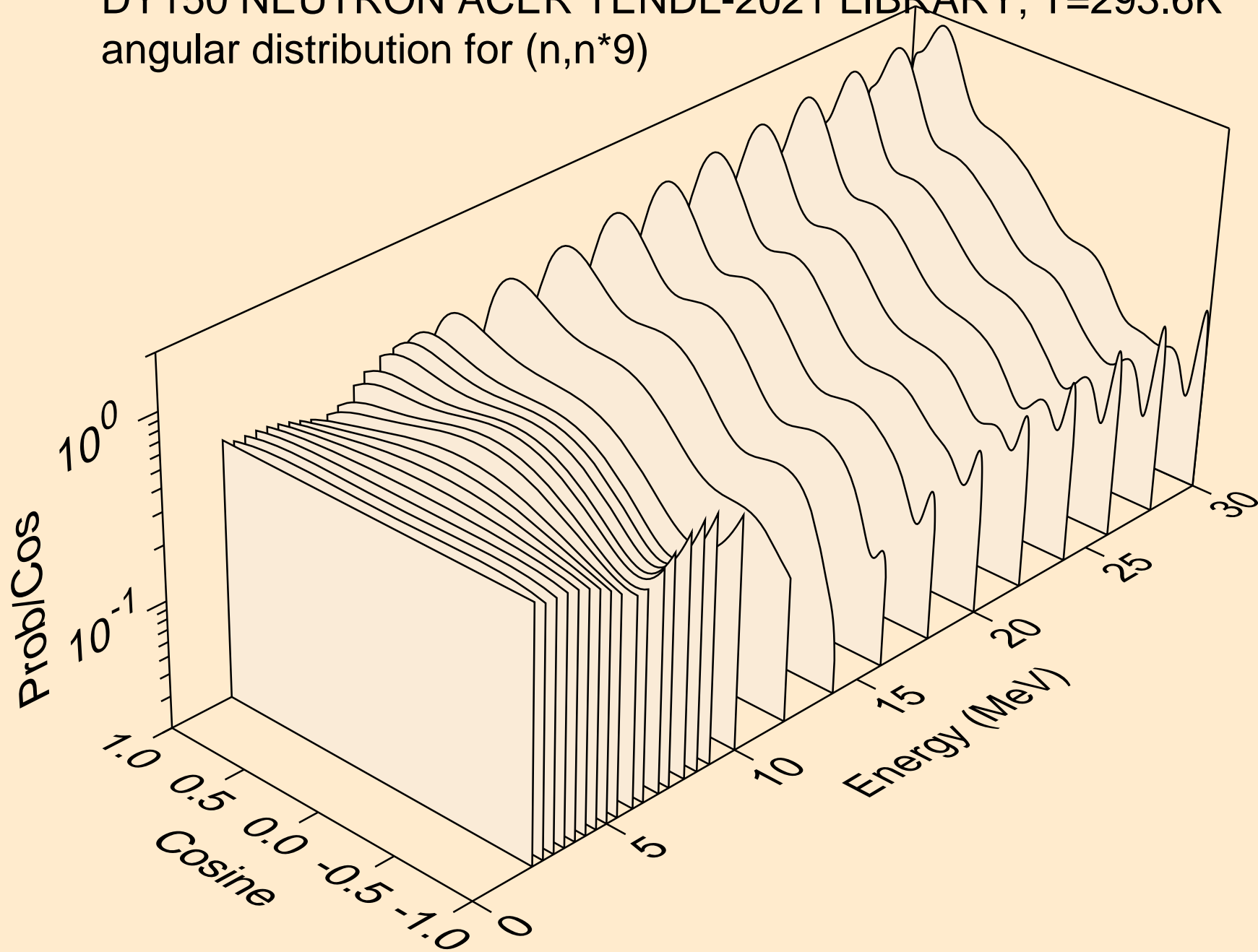


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angular distribution for (n,n\*8)

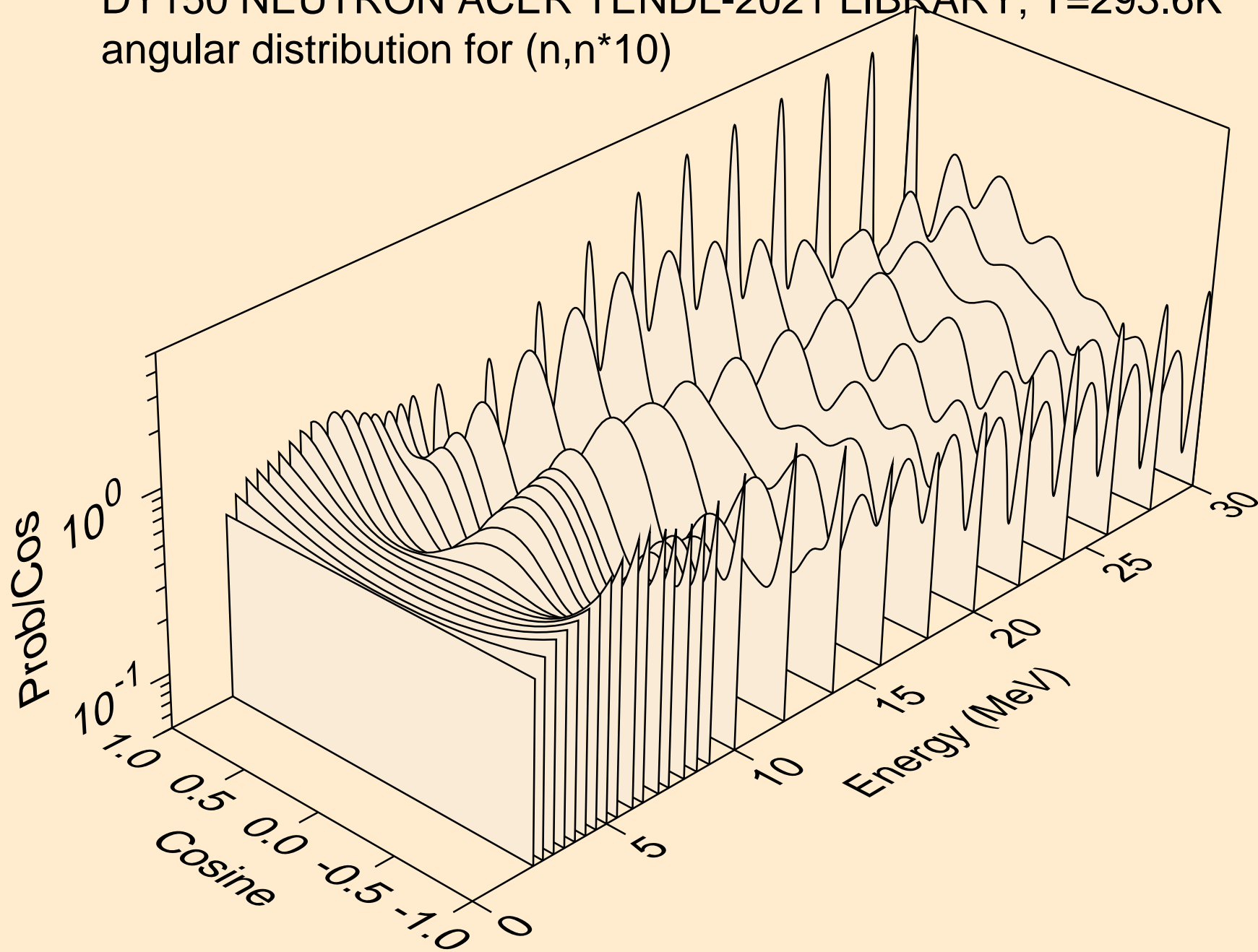




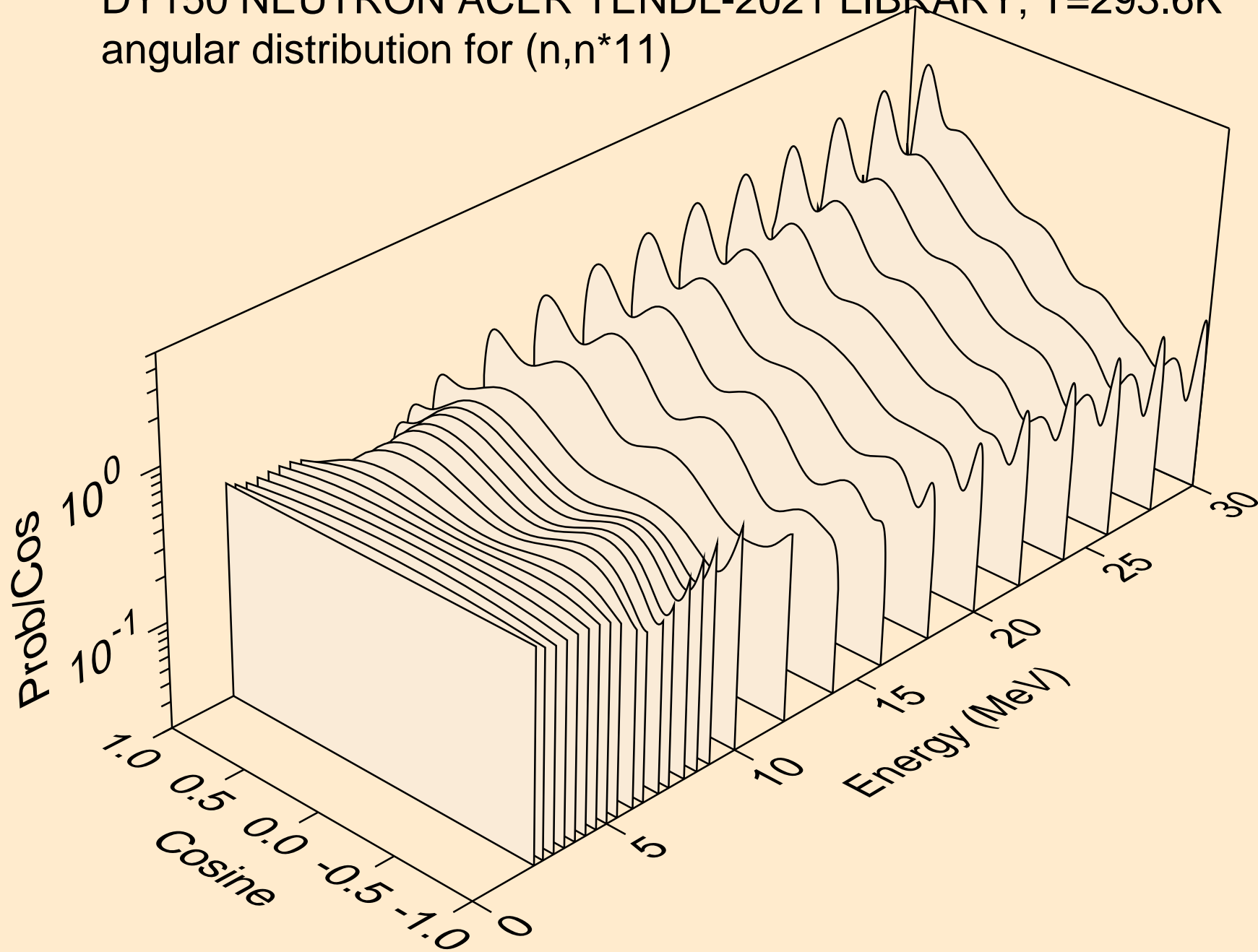
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angular distribution for (n,n\*9)



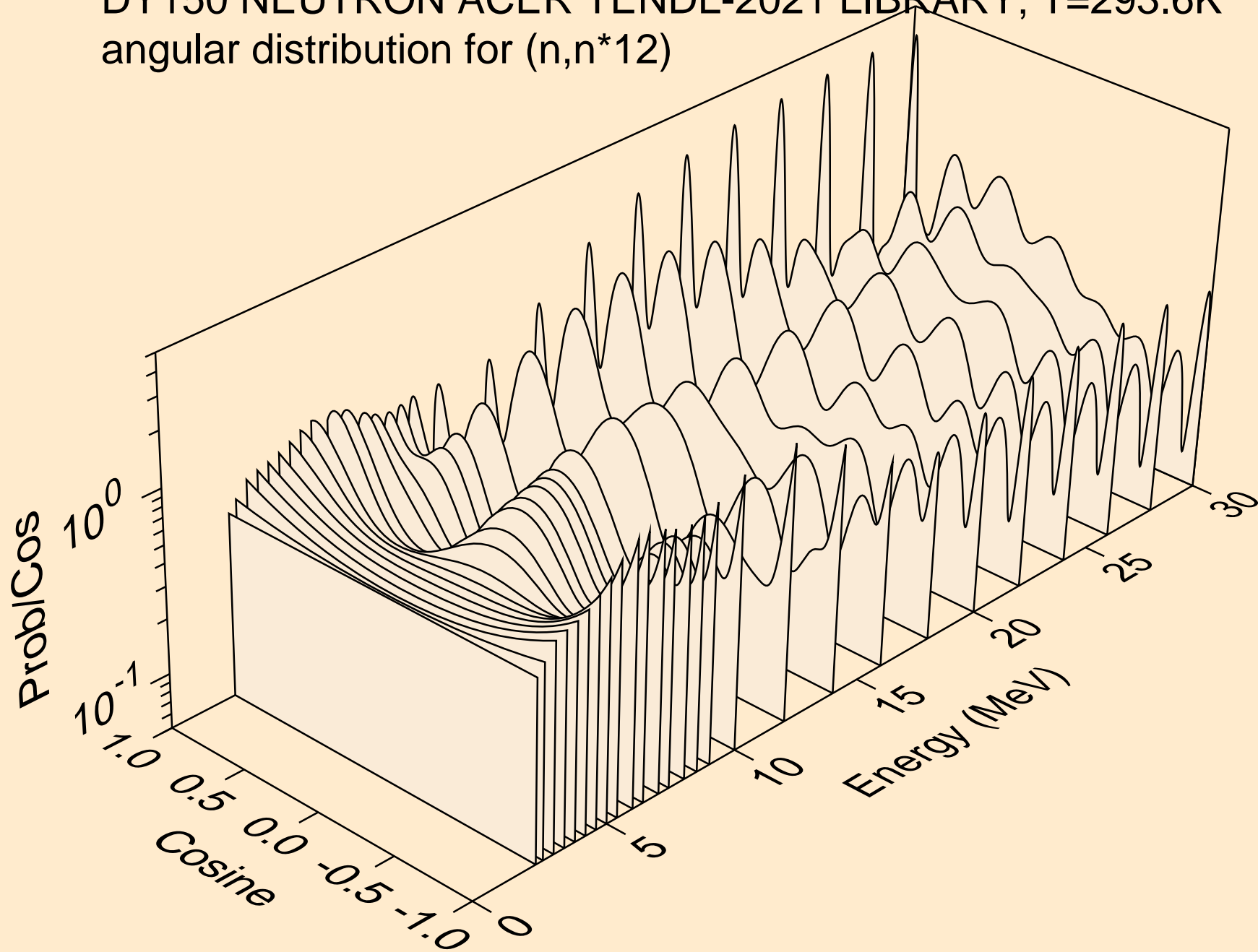
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angular distribution for (n,n\*10)



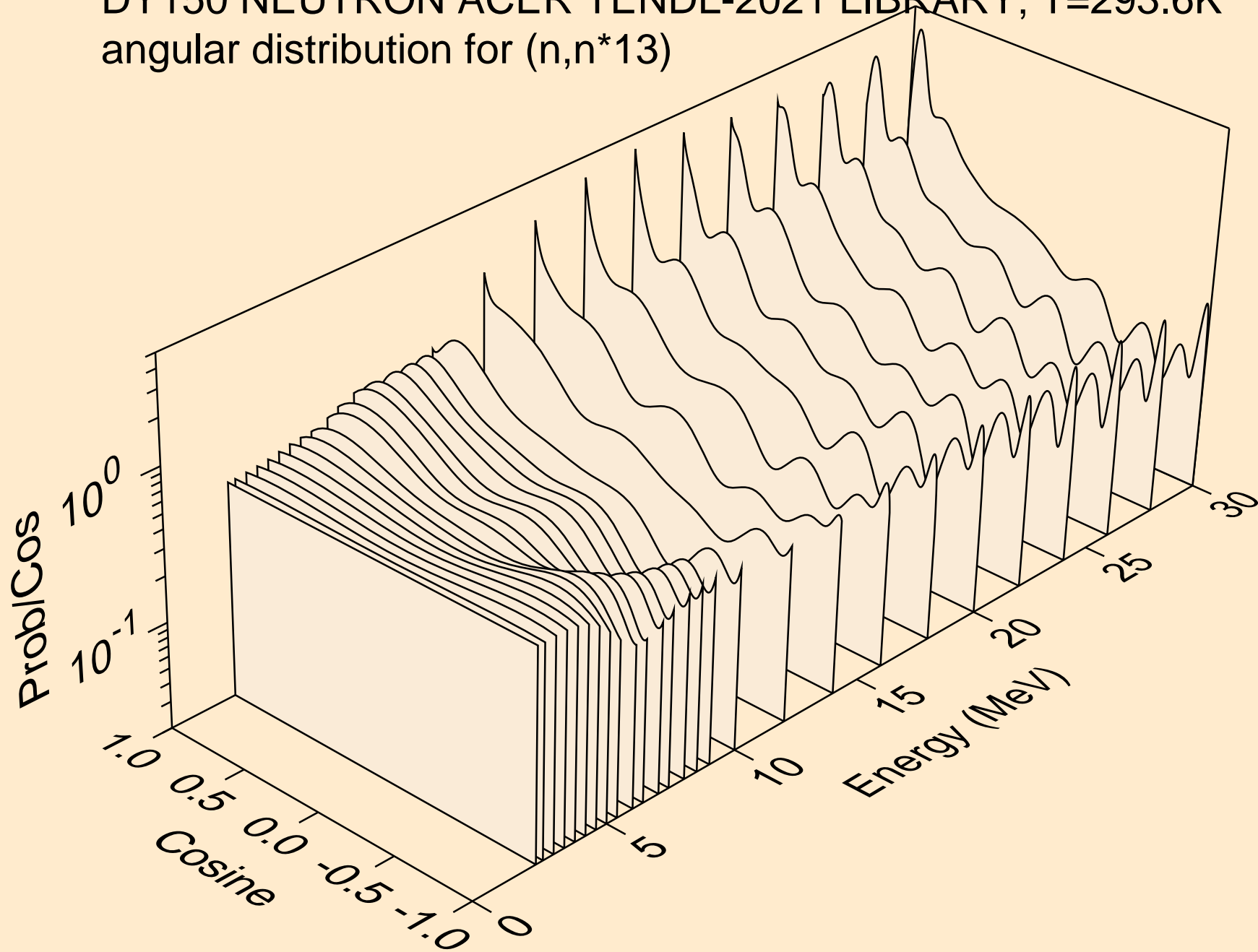
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angular distribution for (n,n\*11)



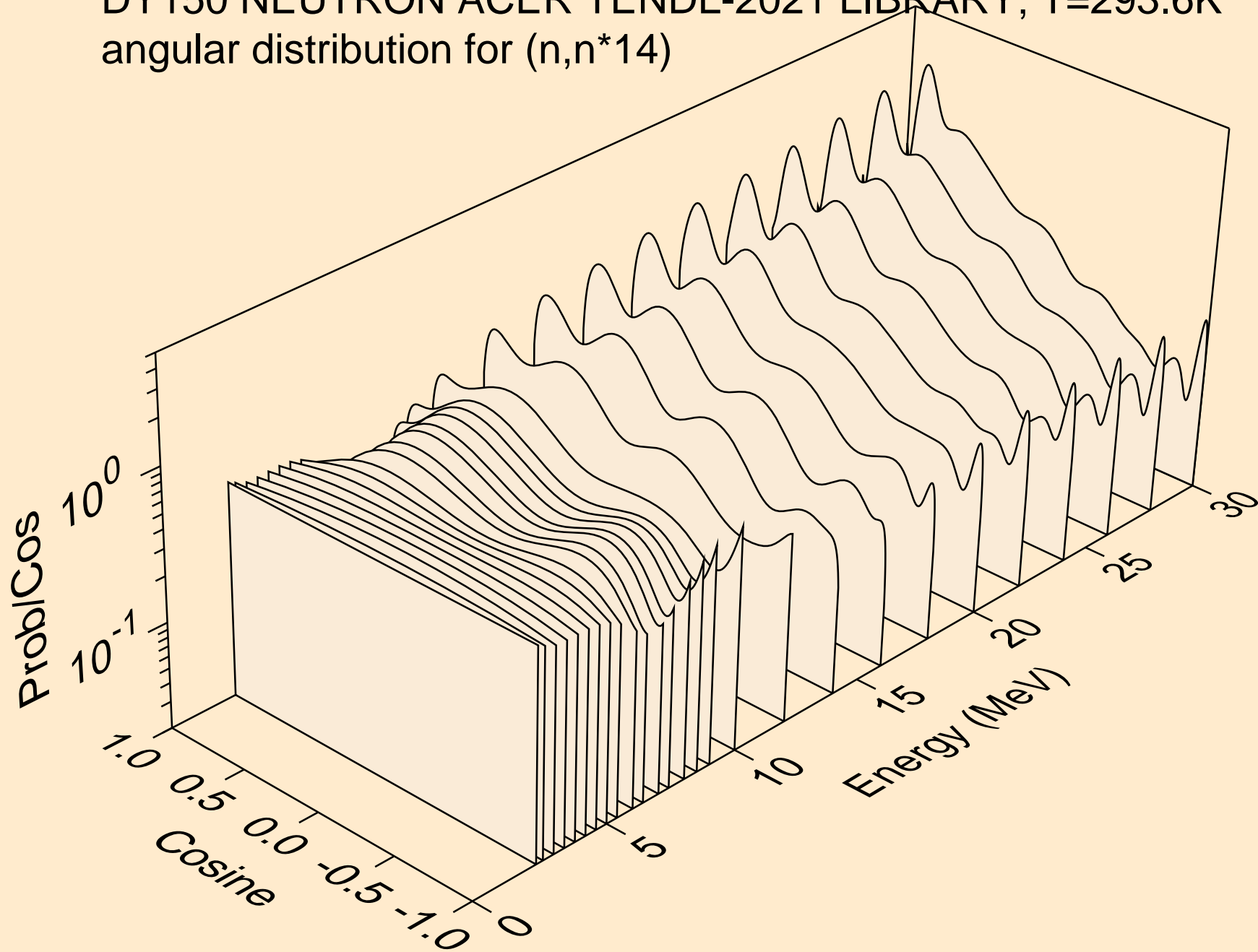
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angular distribution for (n,n\*12)



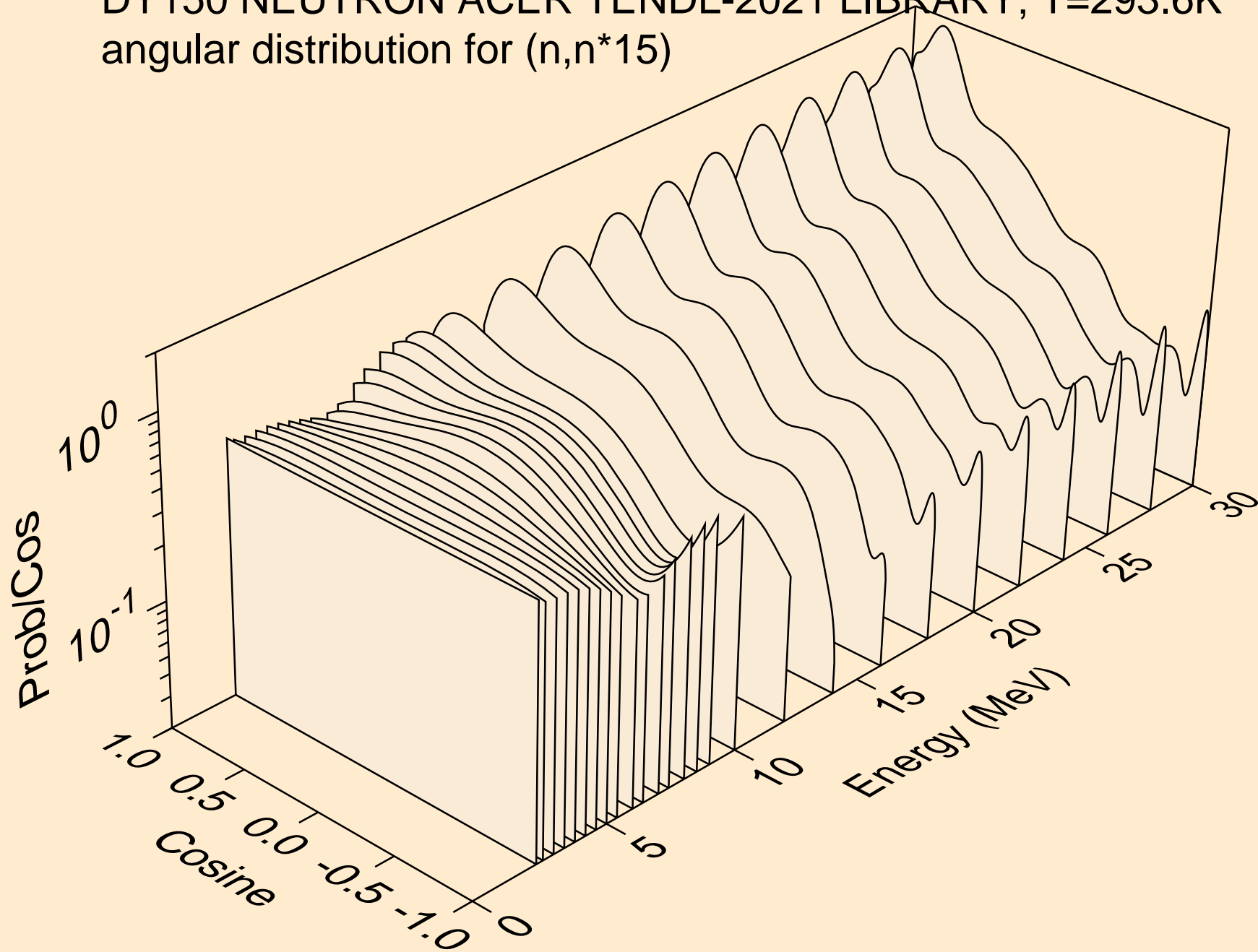
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angular distribution for (n,n\*13)



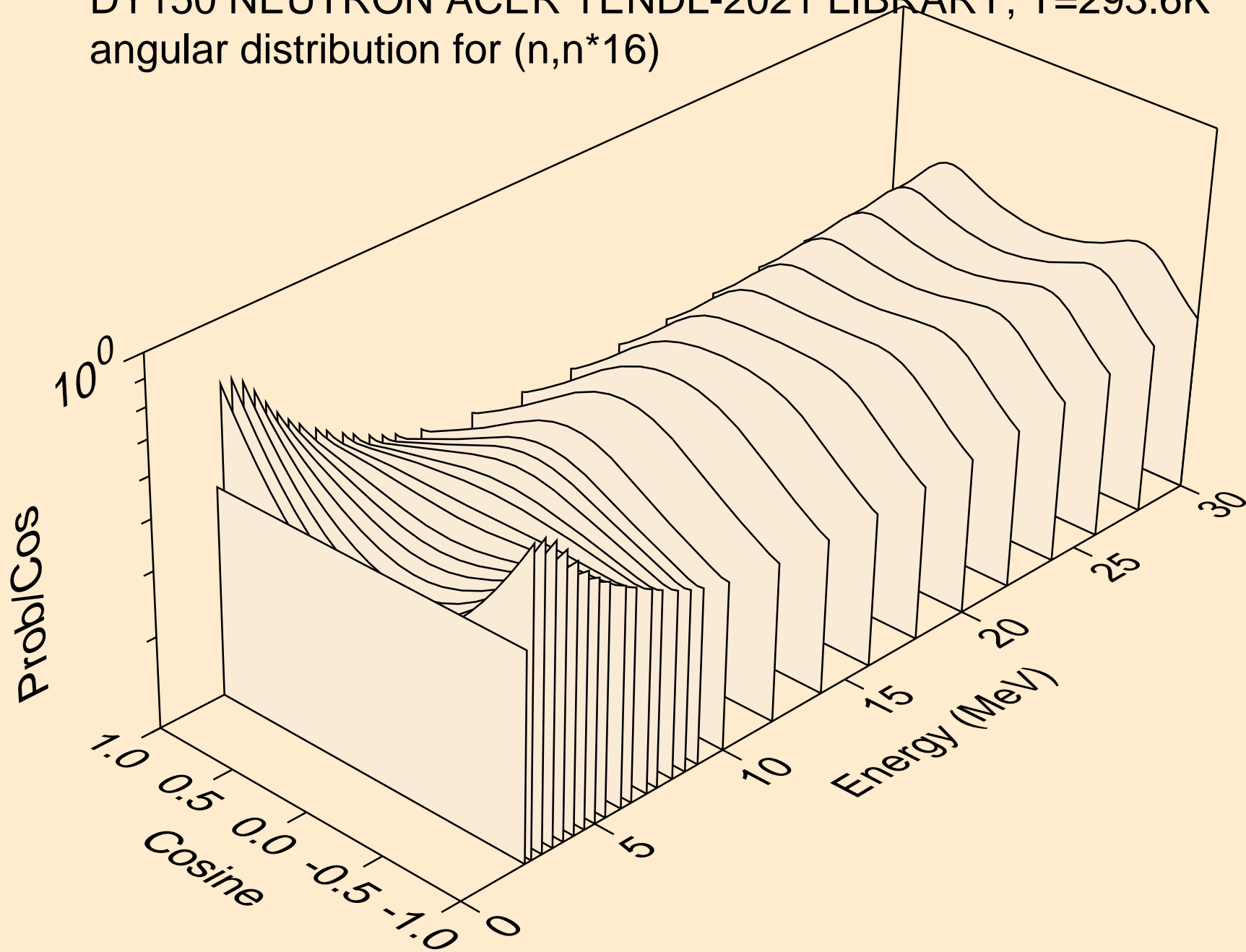
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angular distribution for (n,n\*14)



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

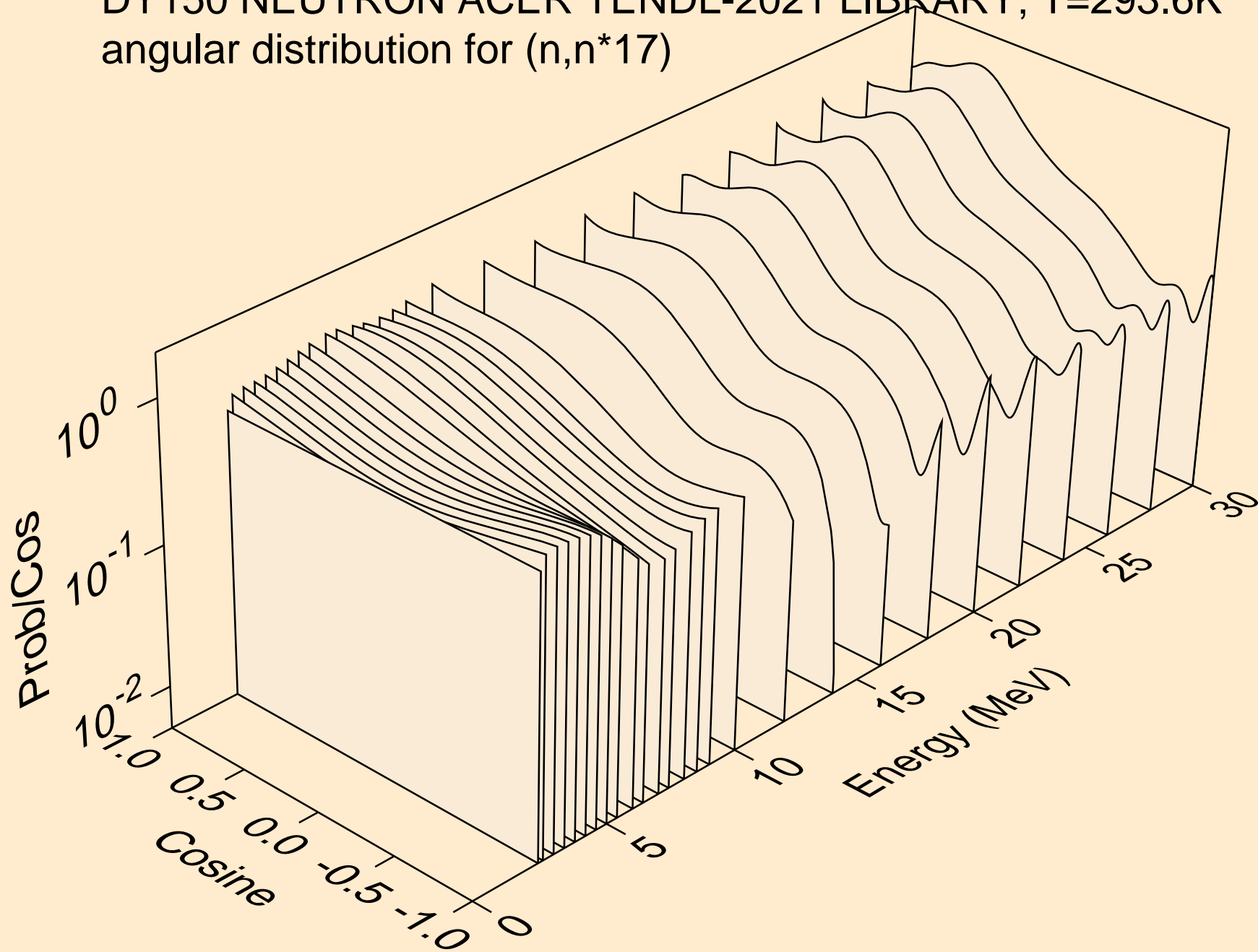


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angular distribution for (n,n\*16)

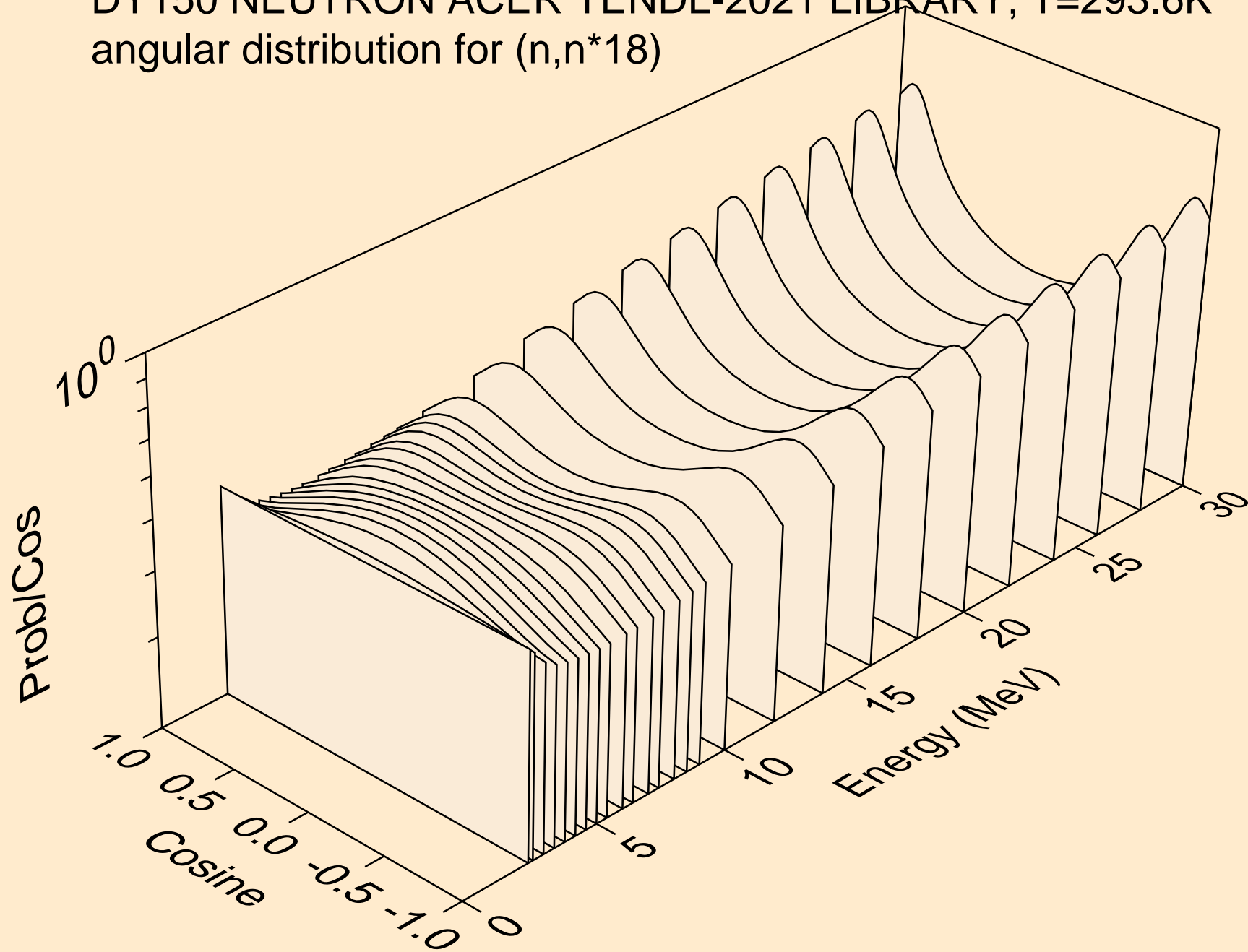




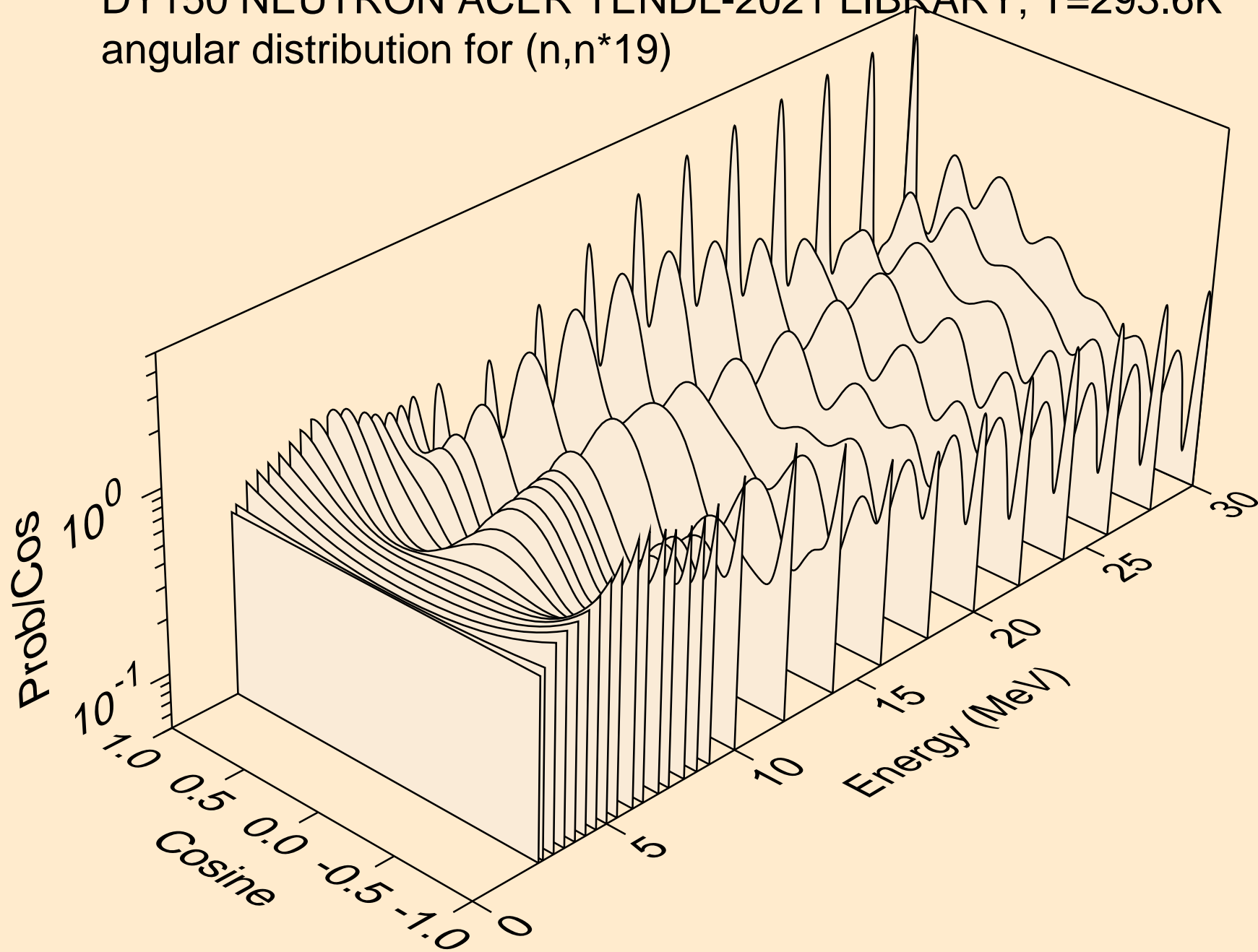
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angular distribution for (n,n\*17)



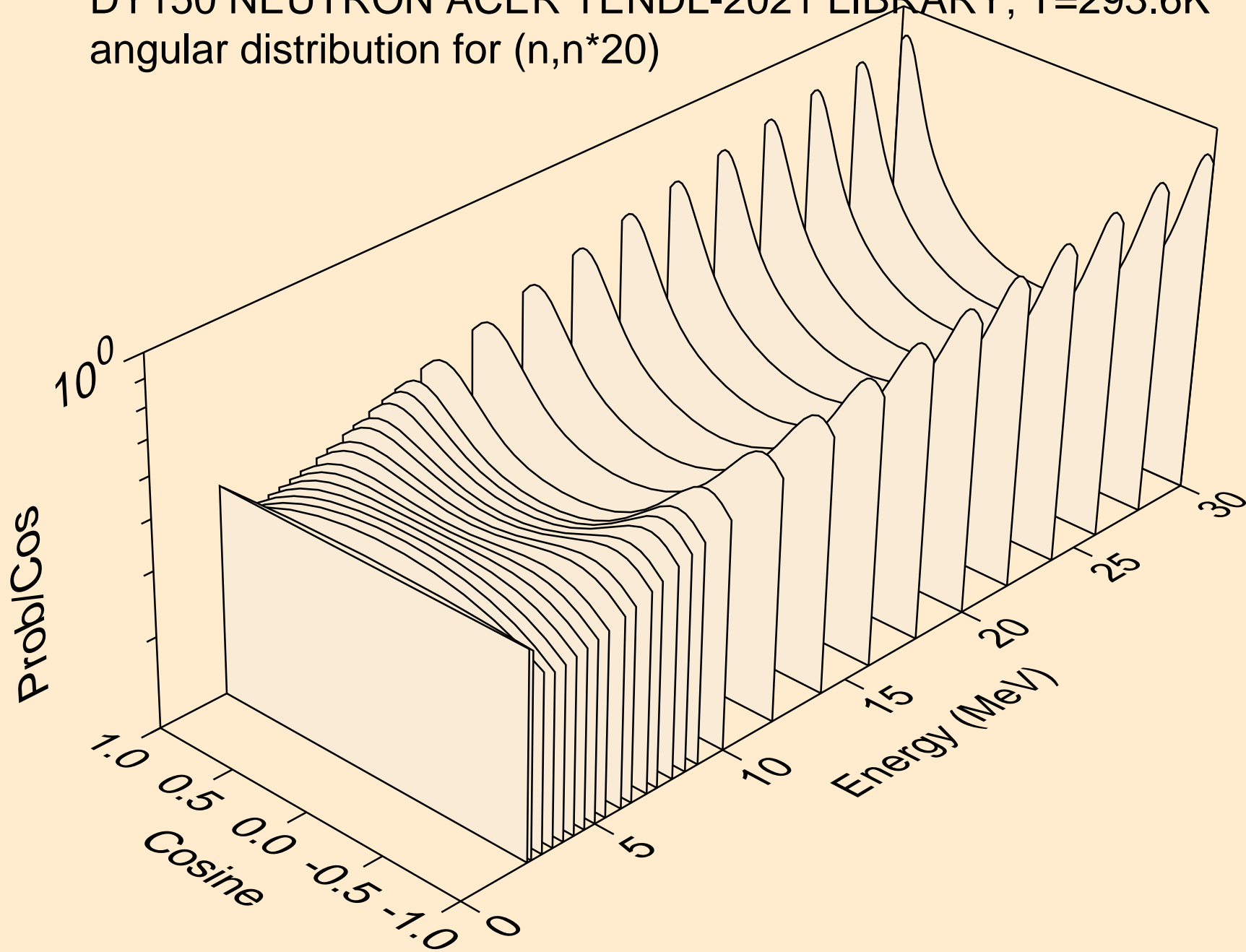
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angular distribution for (n,n\*18)



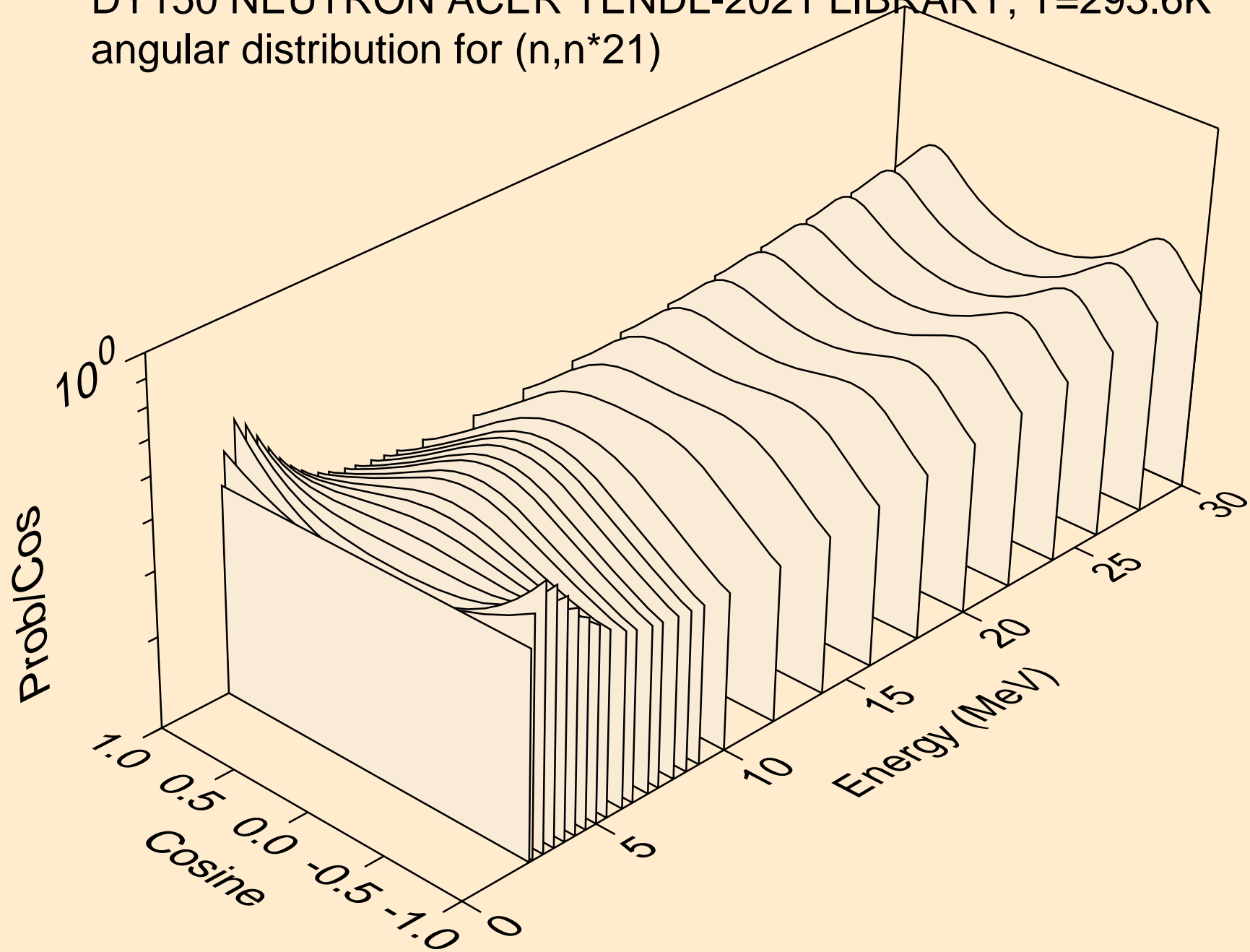
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angular distribution for (n,n\*19)



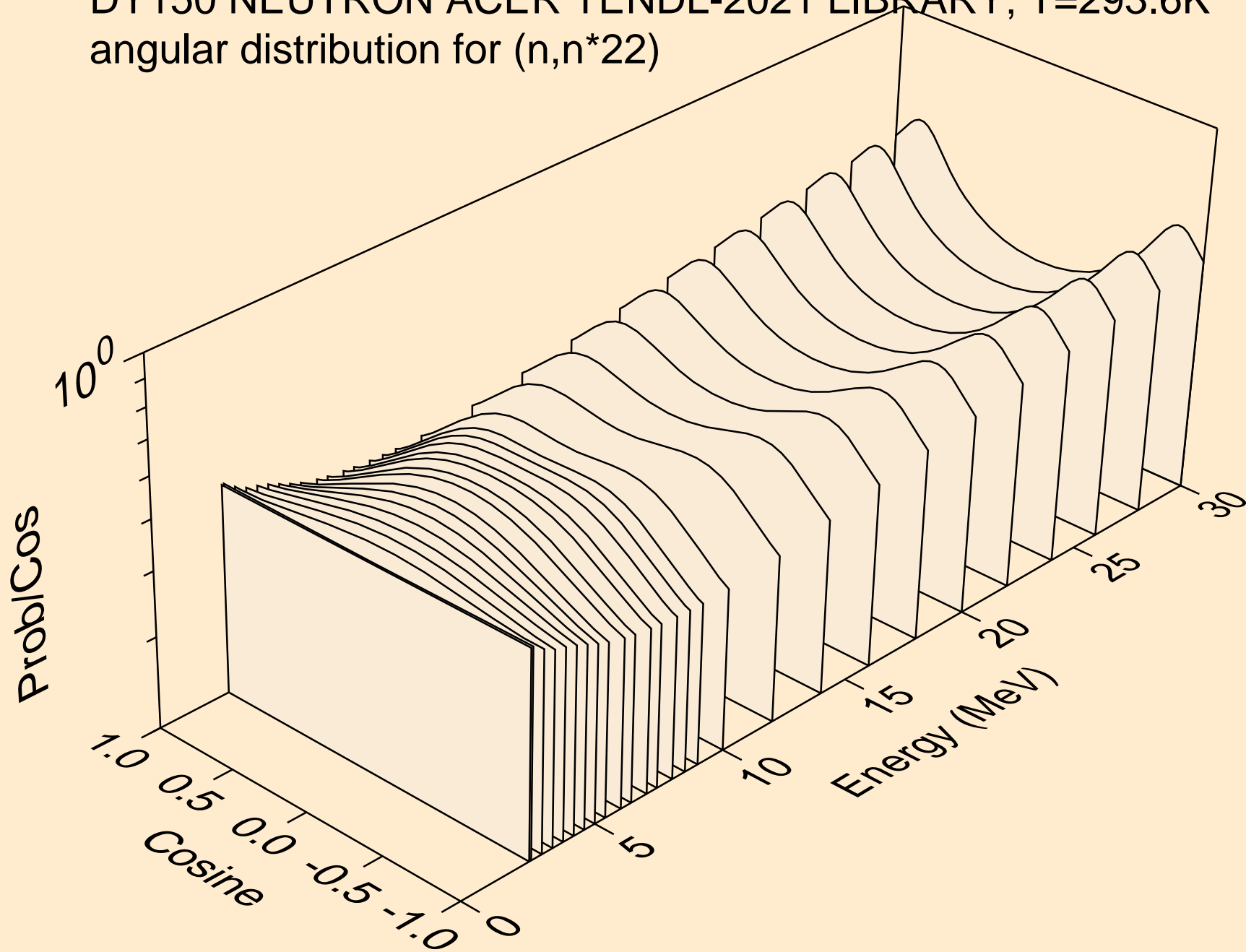
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angular distribution for (n,n\*20)



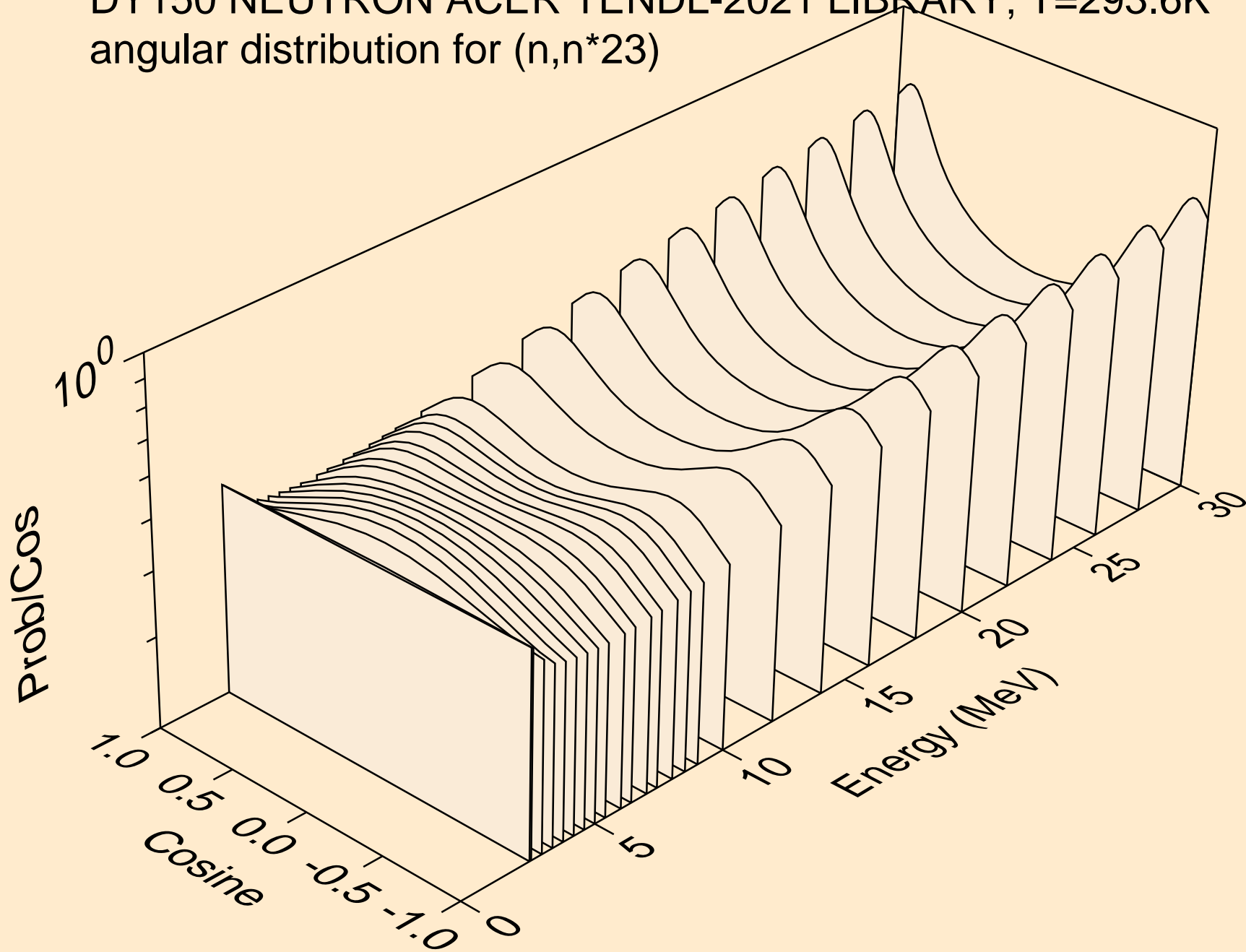
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angular distribution for (n,n\*21)



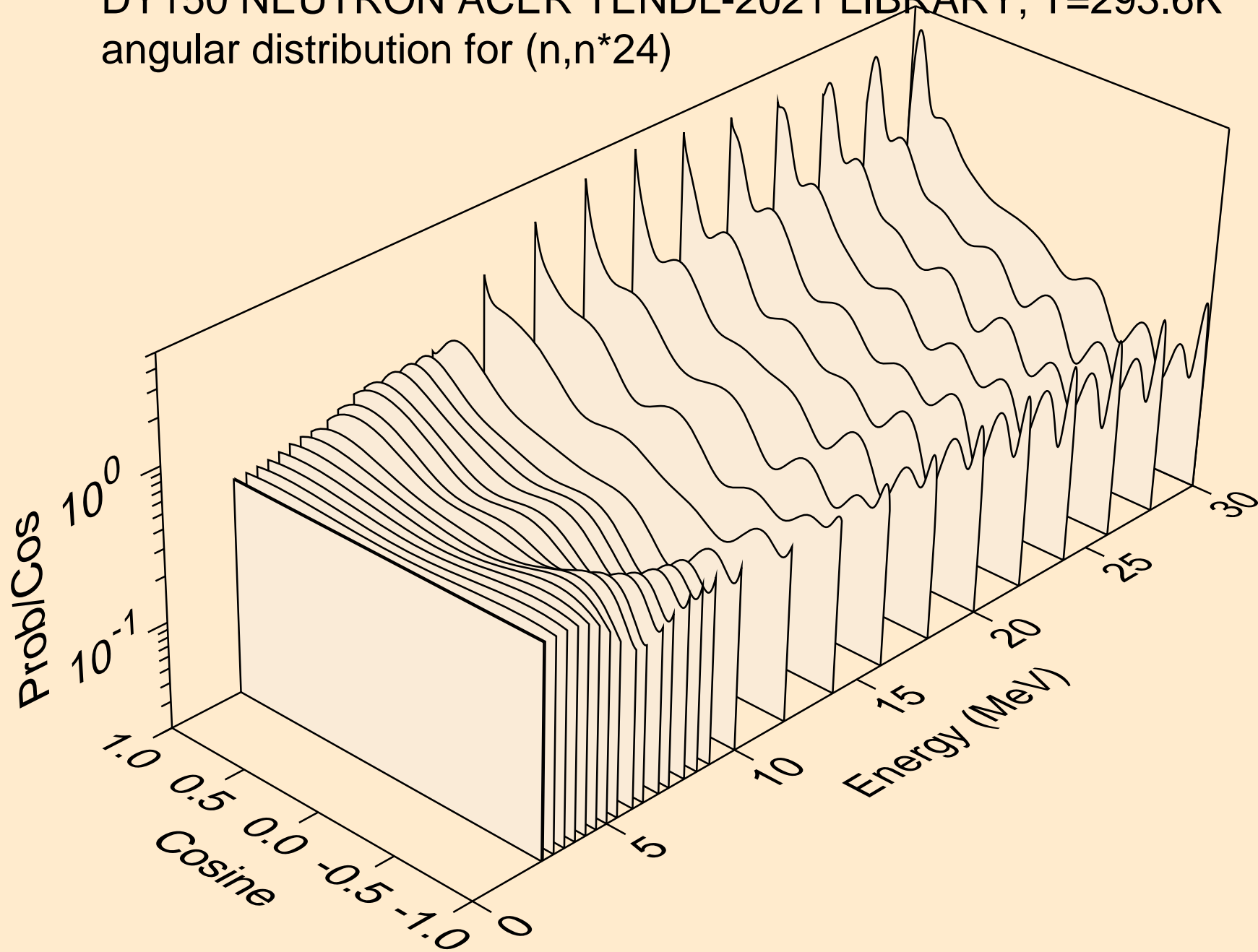
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)

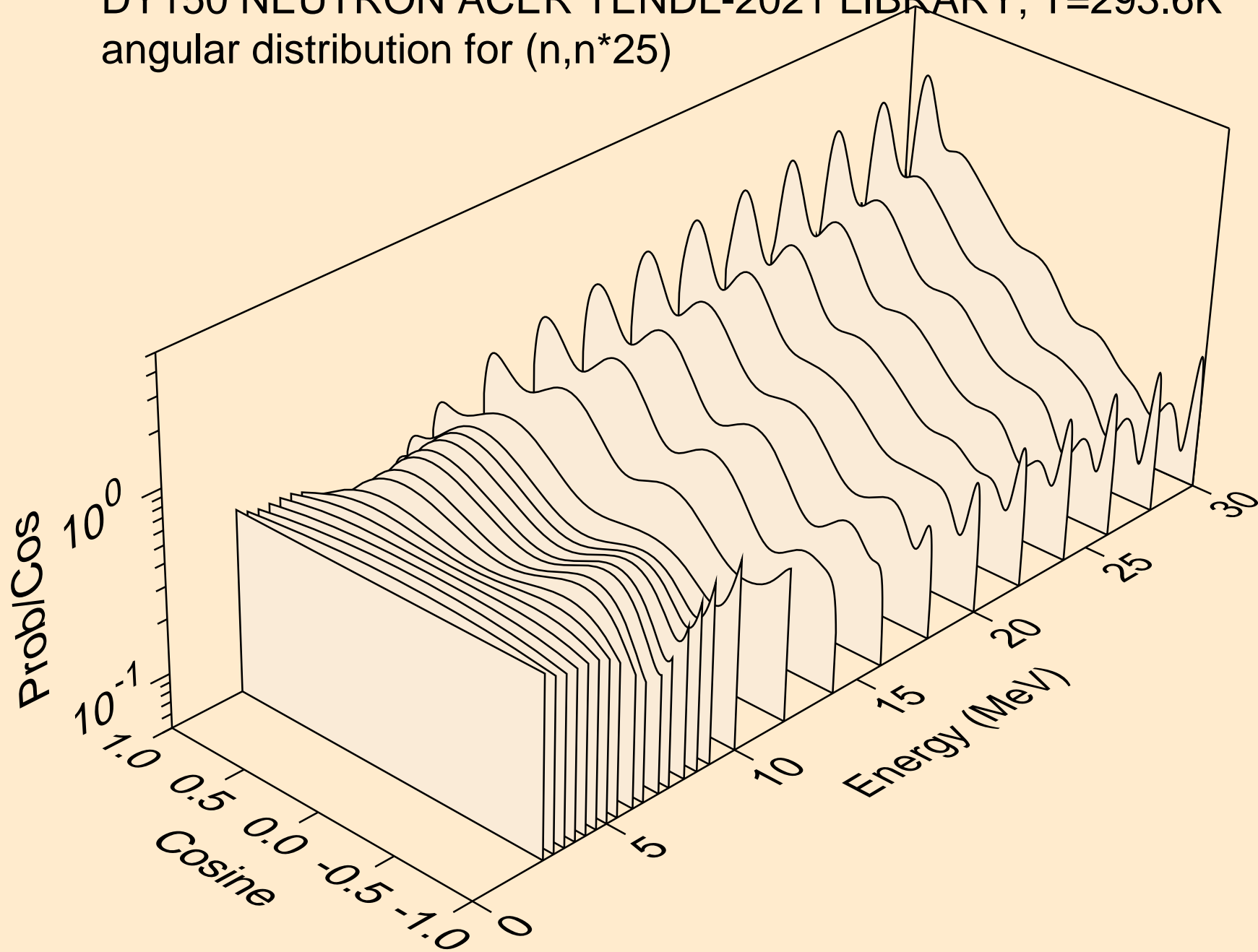


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angular distribution for (n,n\*24)

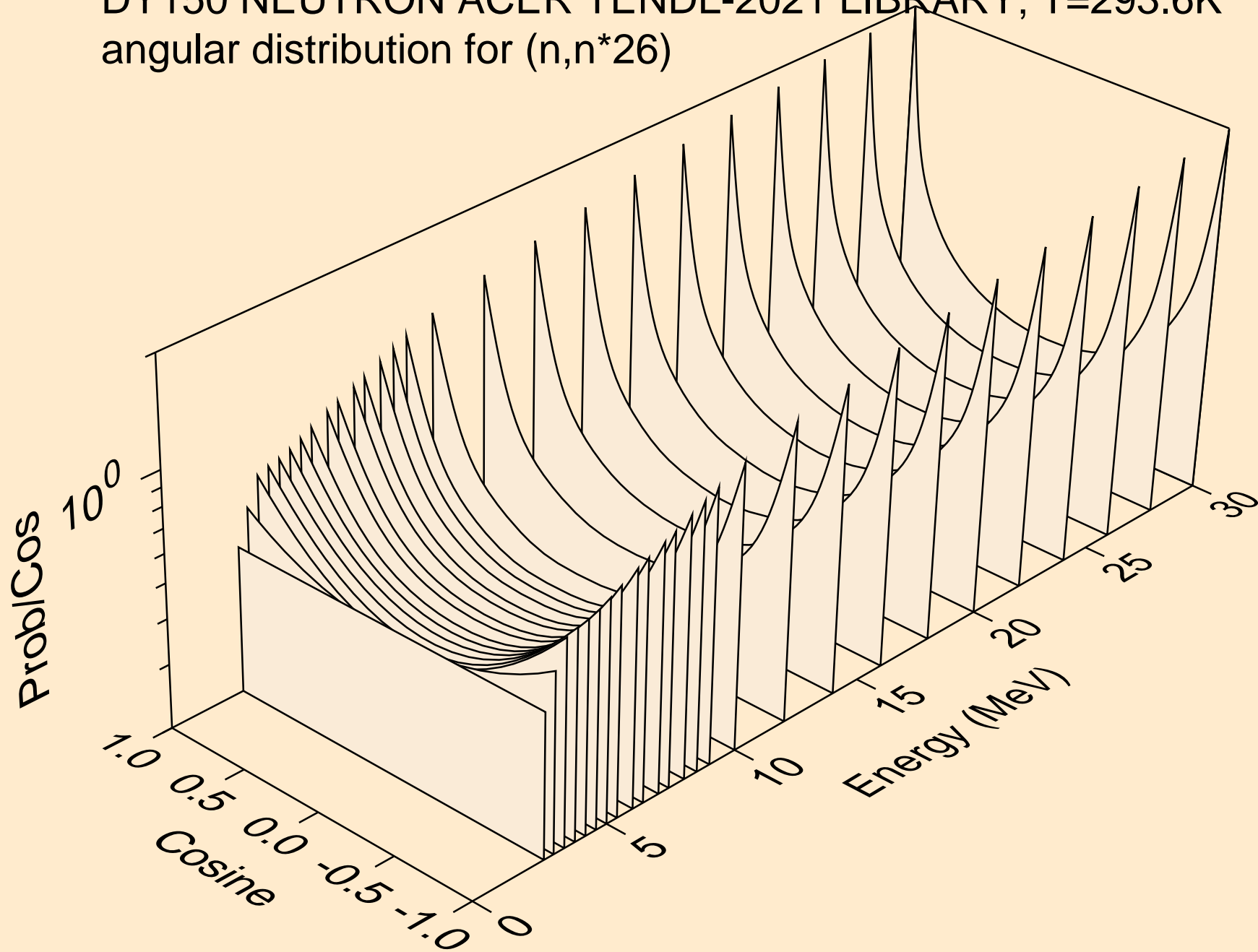




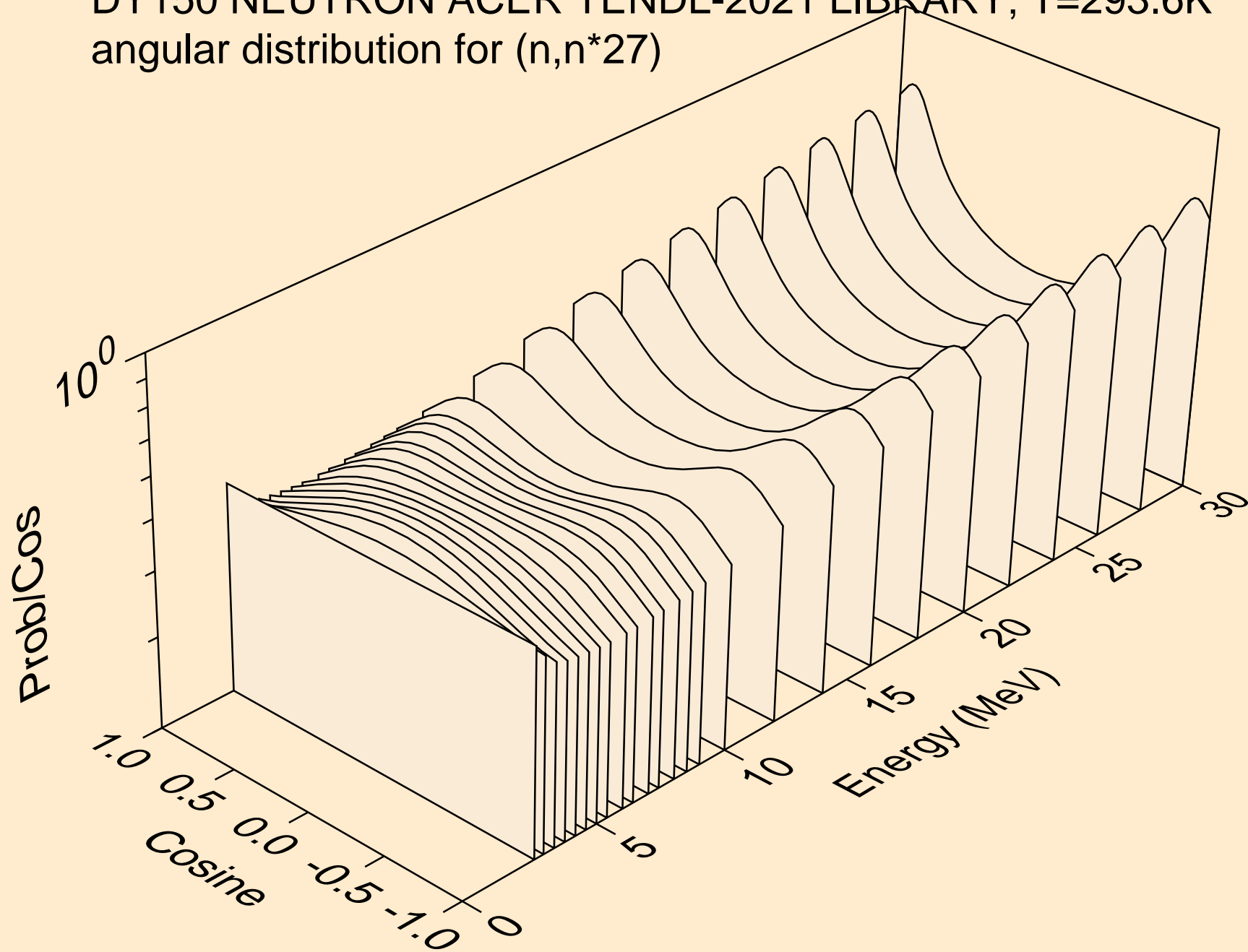
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angular distribution for (n,n\*25)



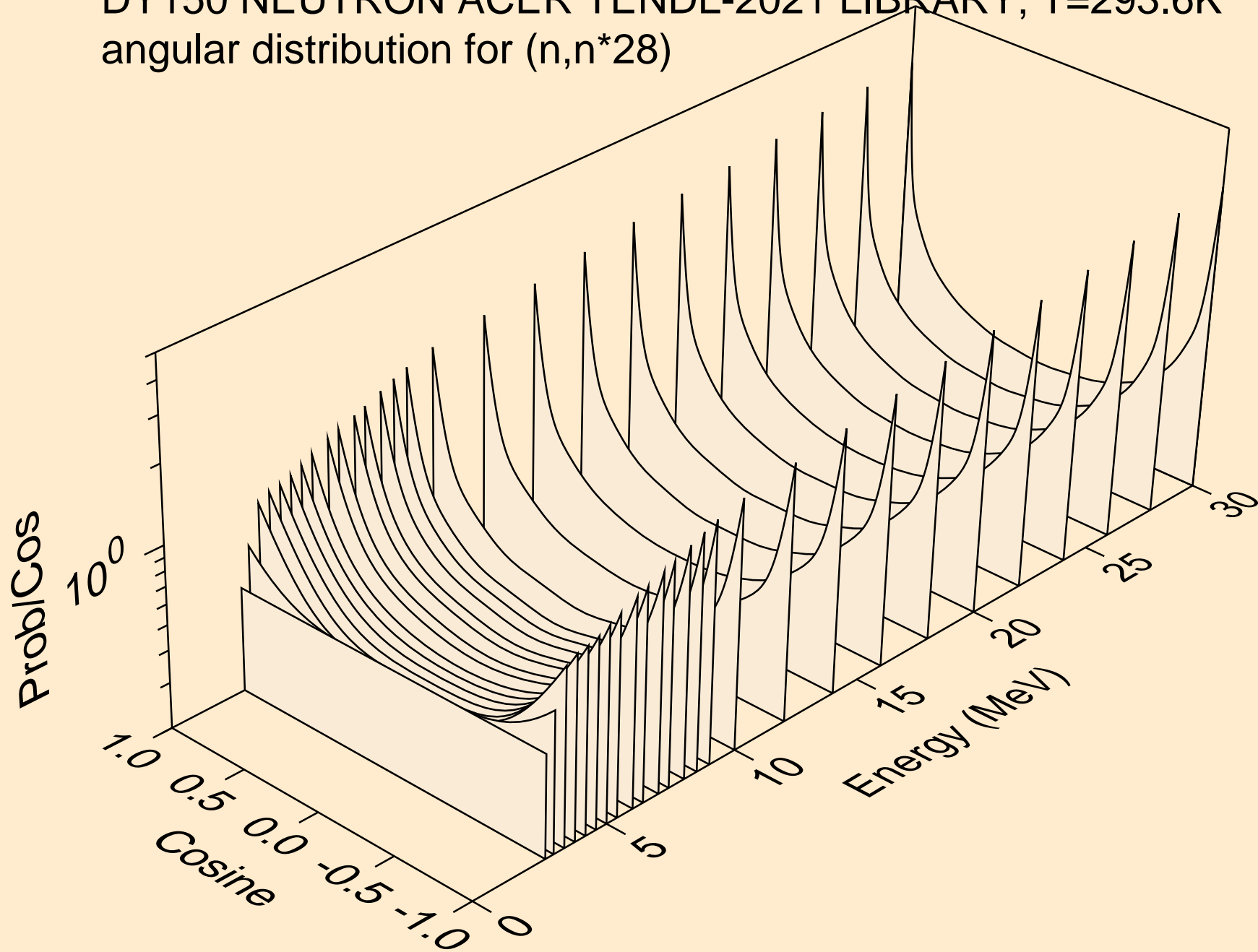
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angular distribution for (n,n\*26)



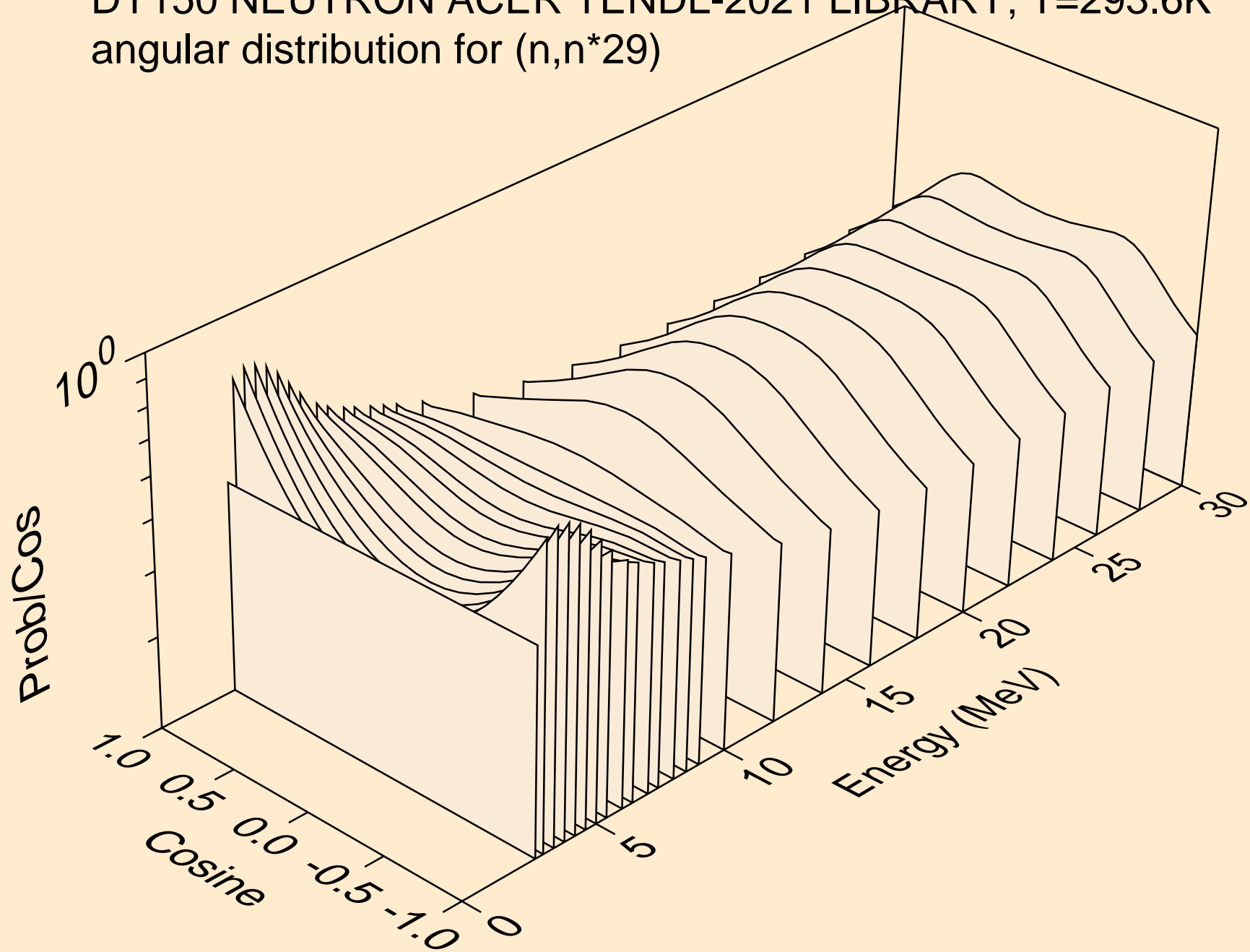
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angular distribution for (n,n\*27)



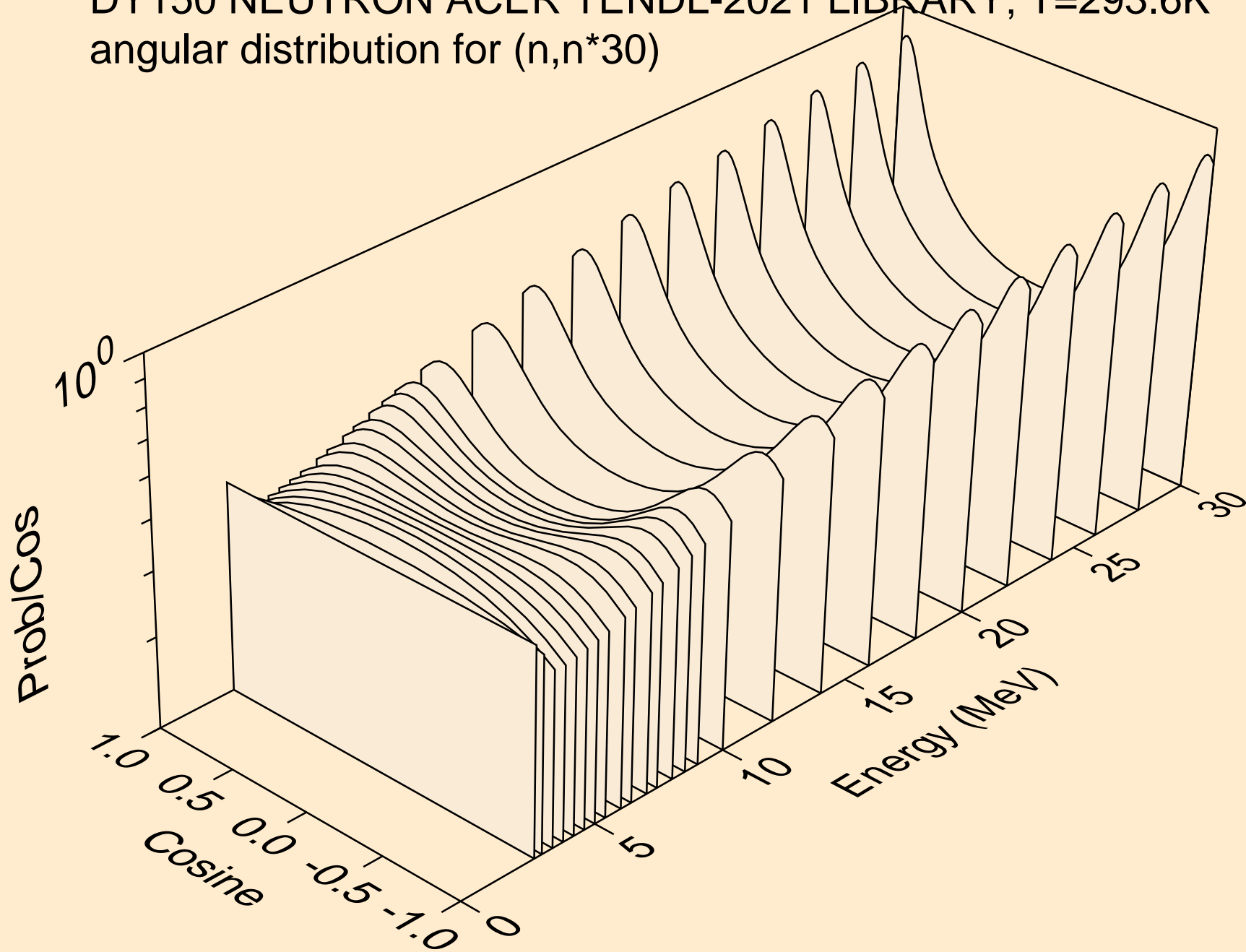
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angular distribution for (n,n\*28)



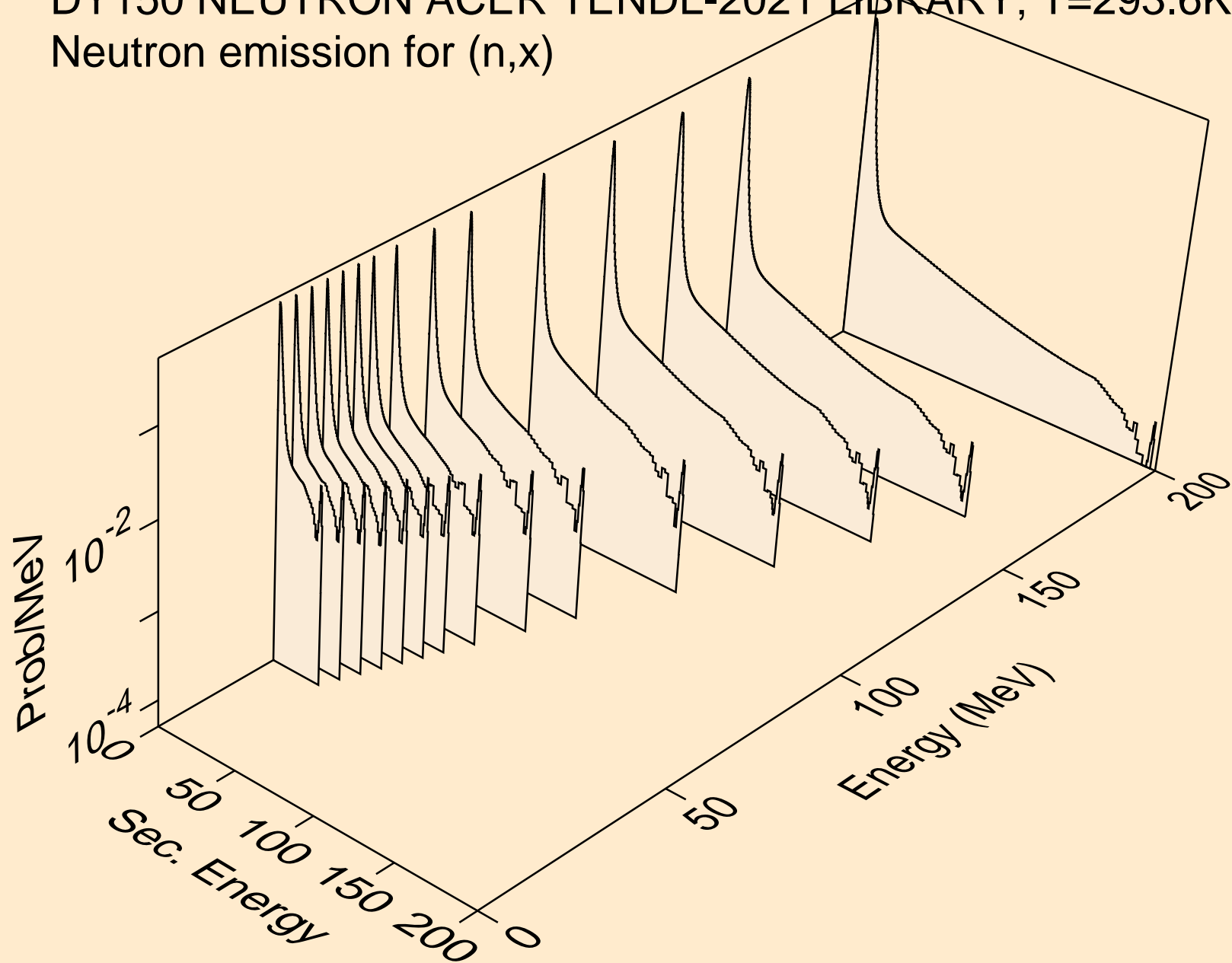
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angular distribution for (n,n\*29)



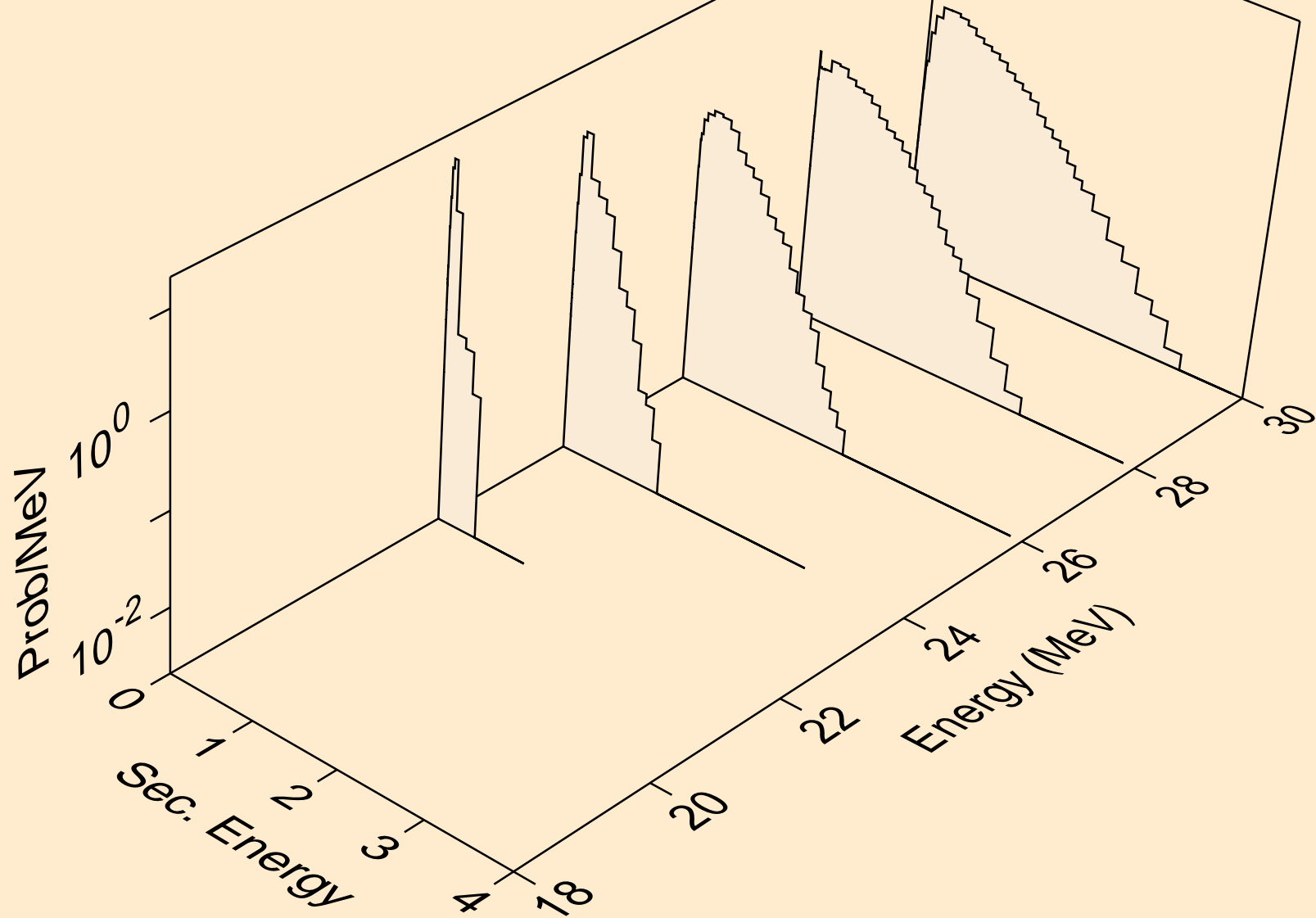
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

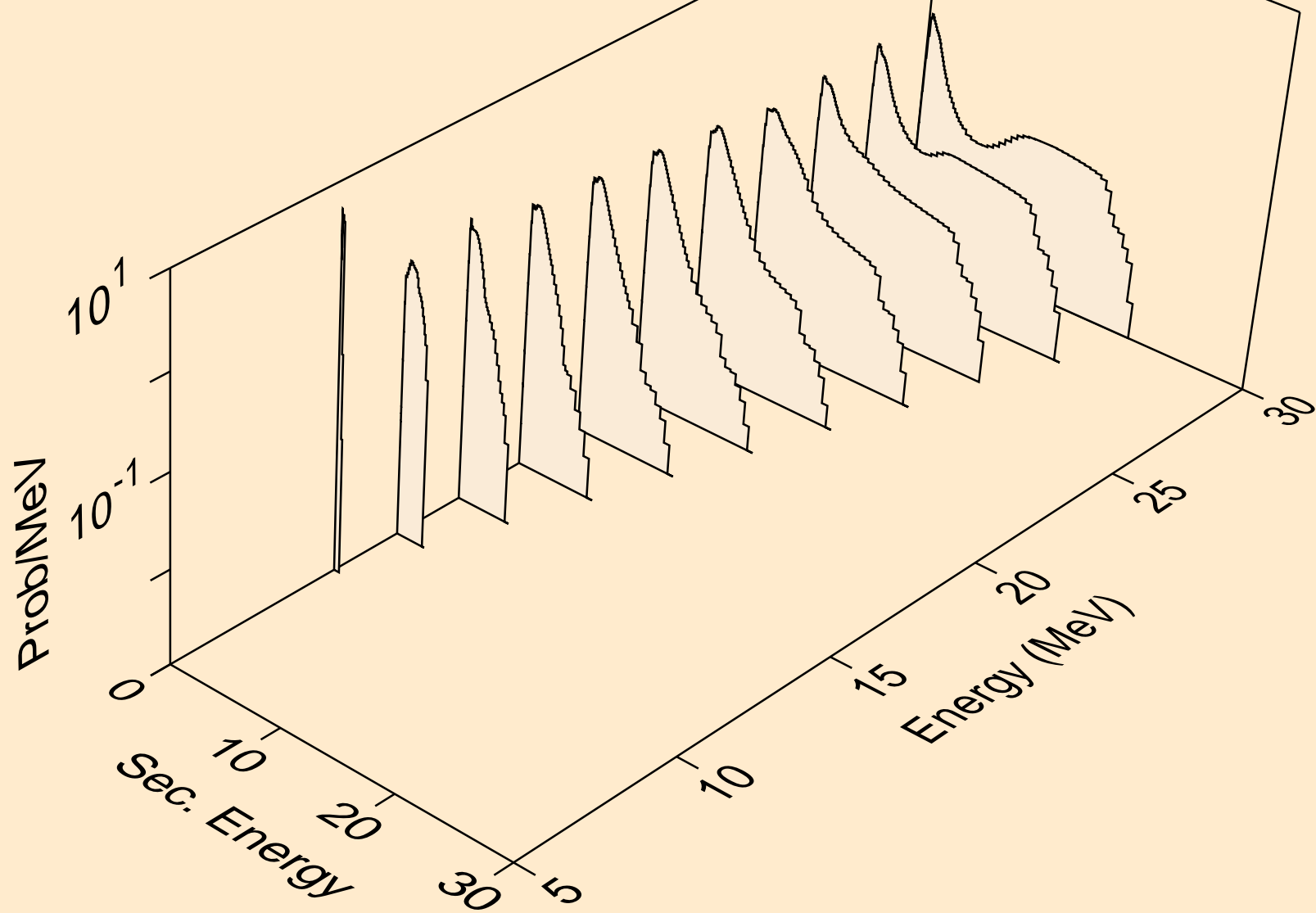


DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

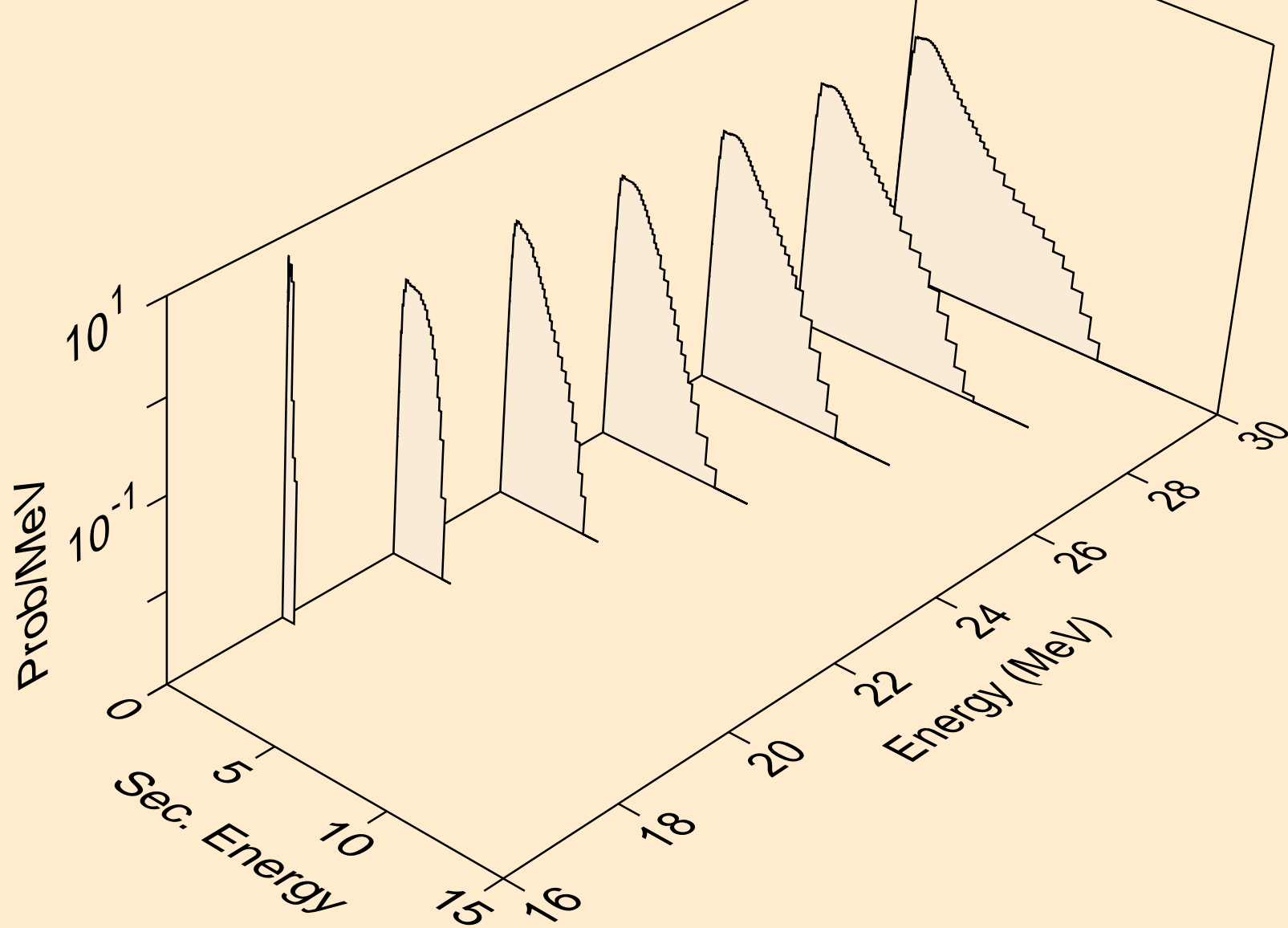




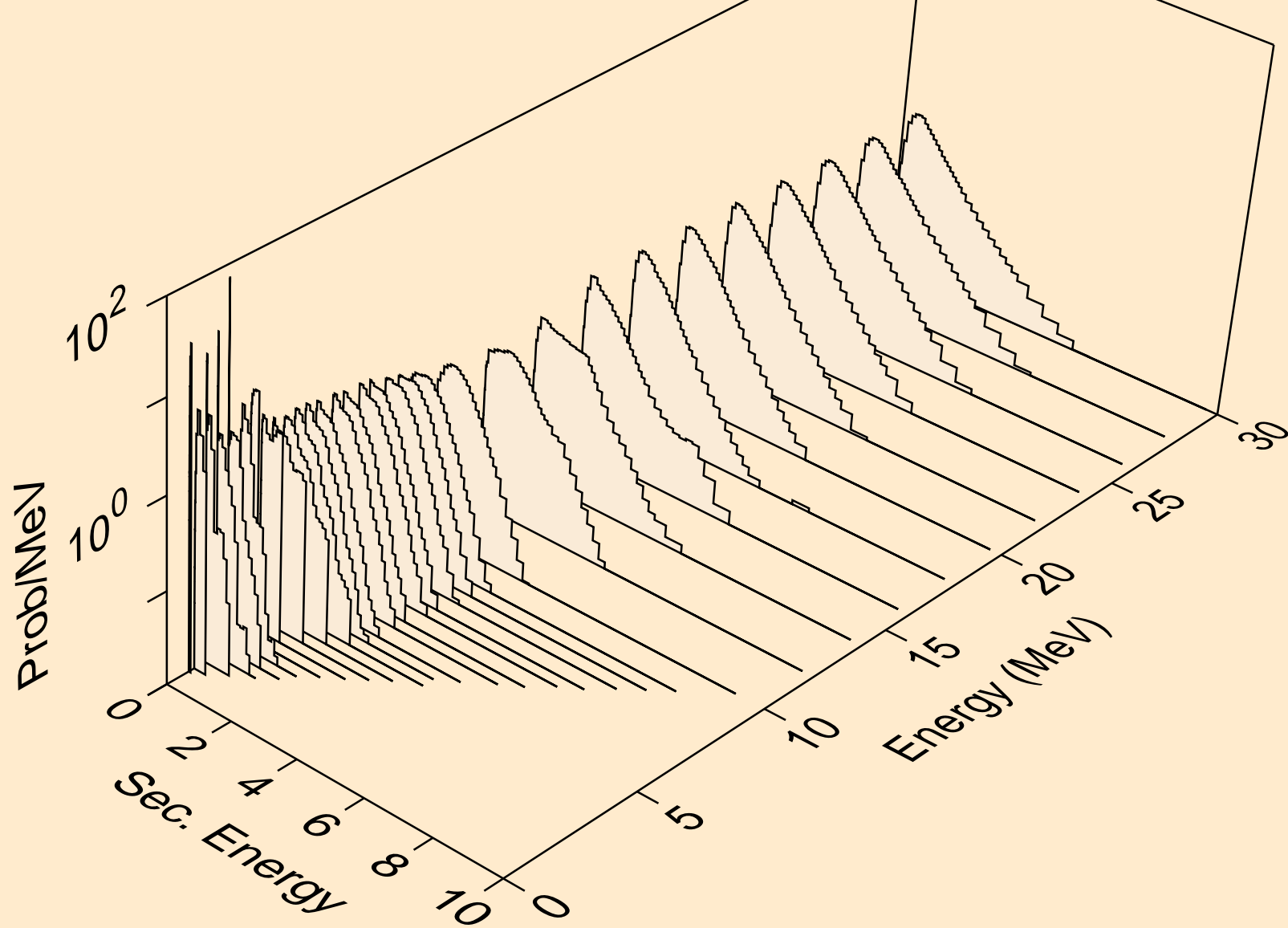
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



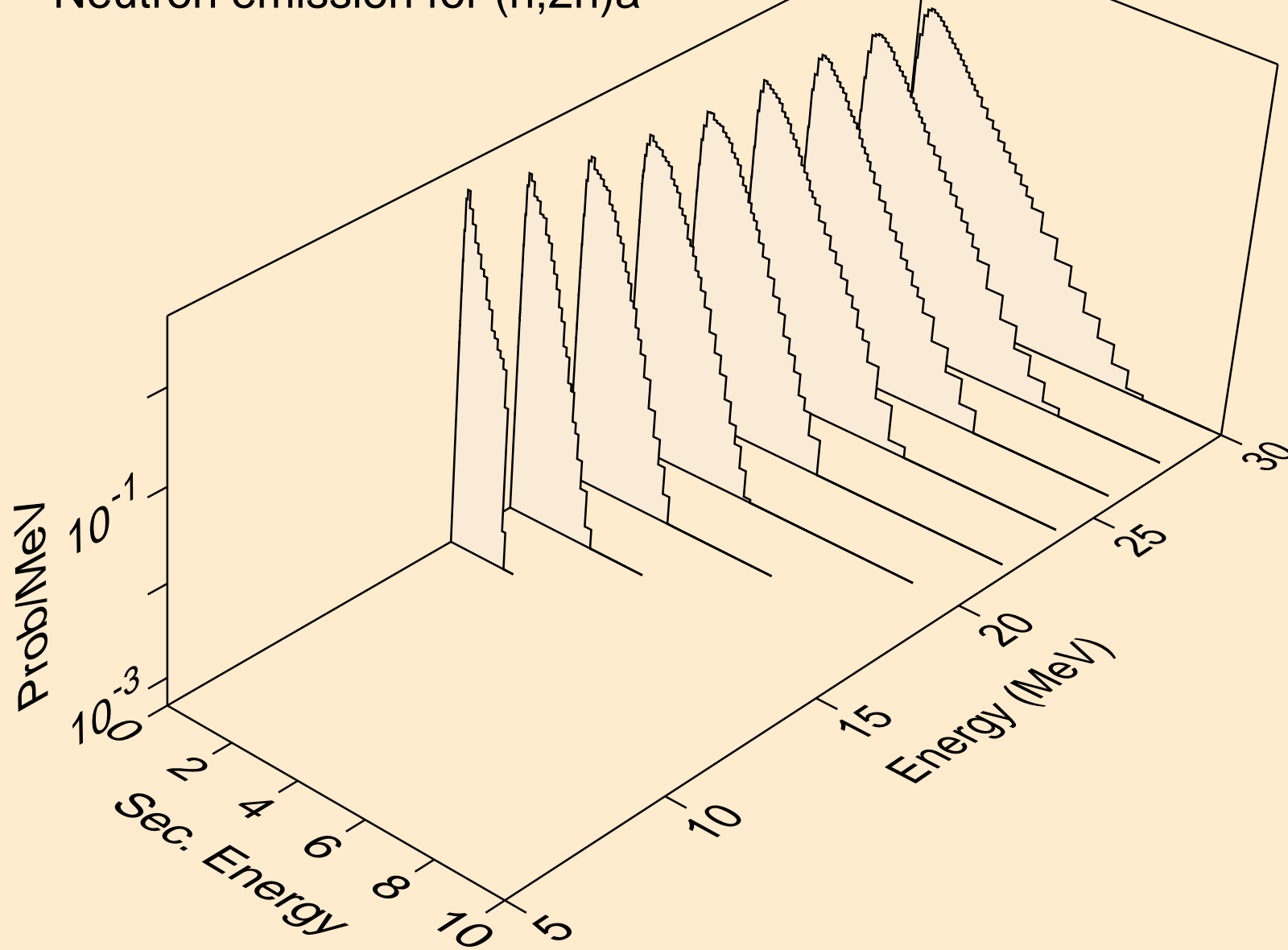
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



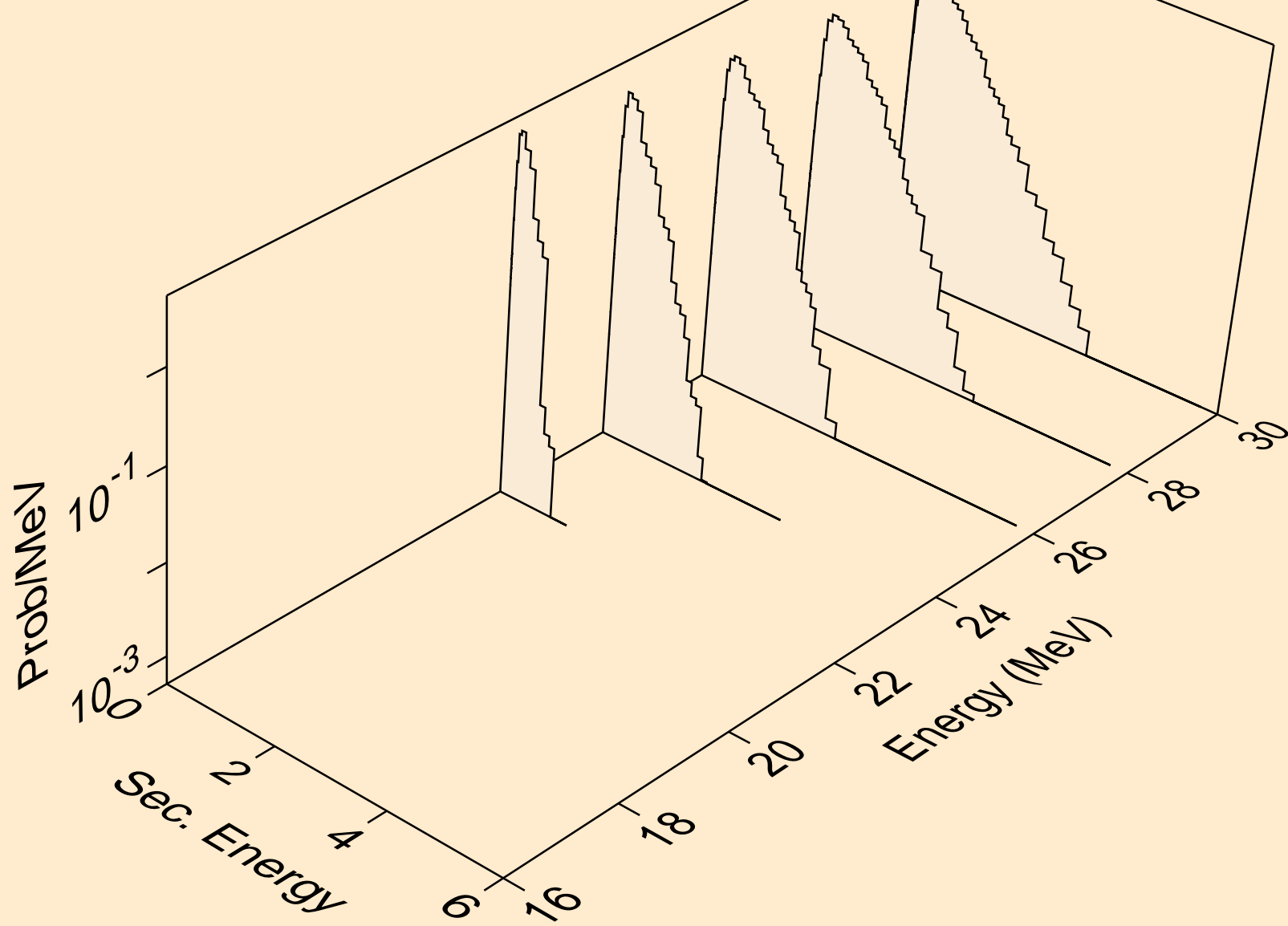
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



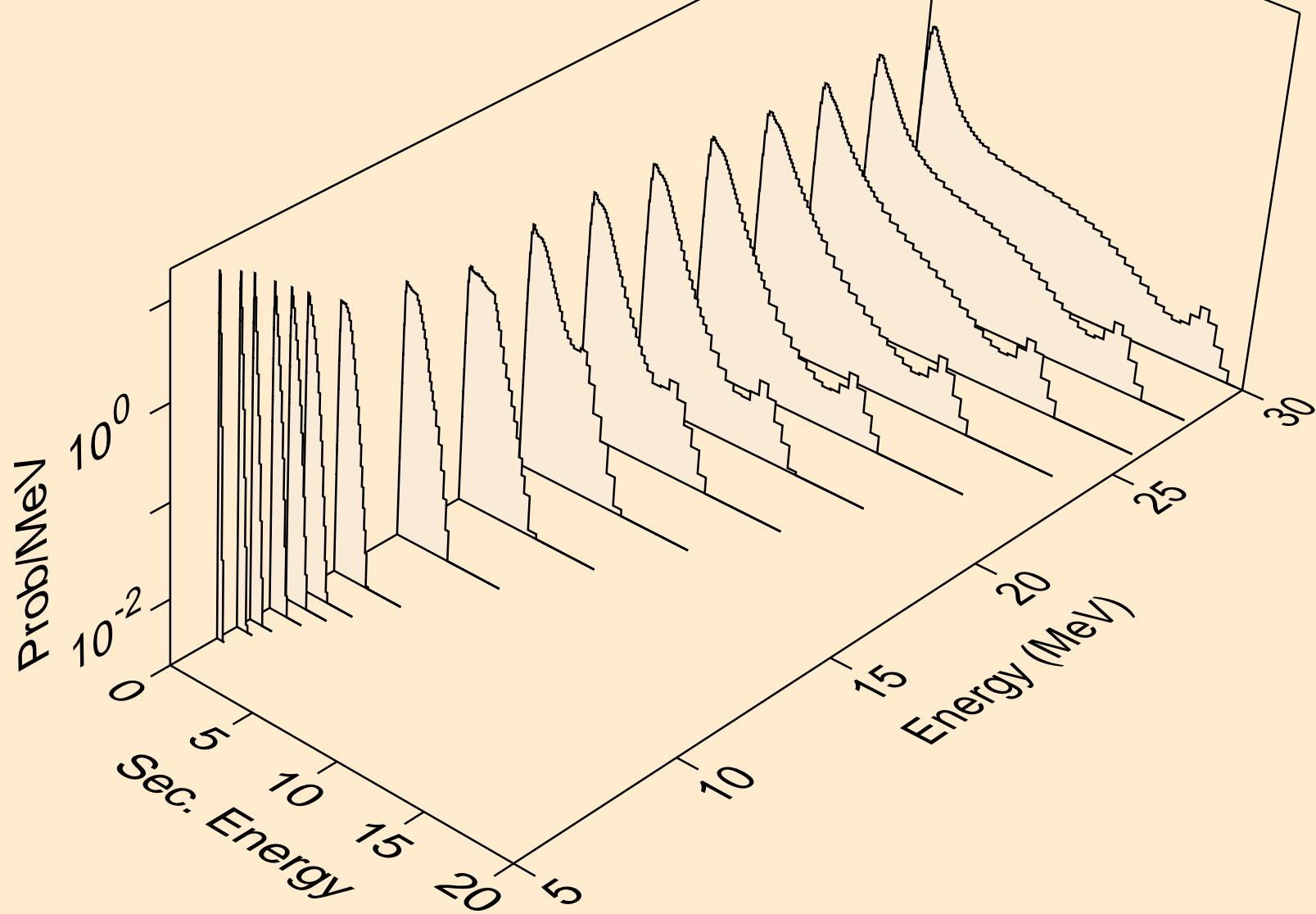
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



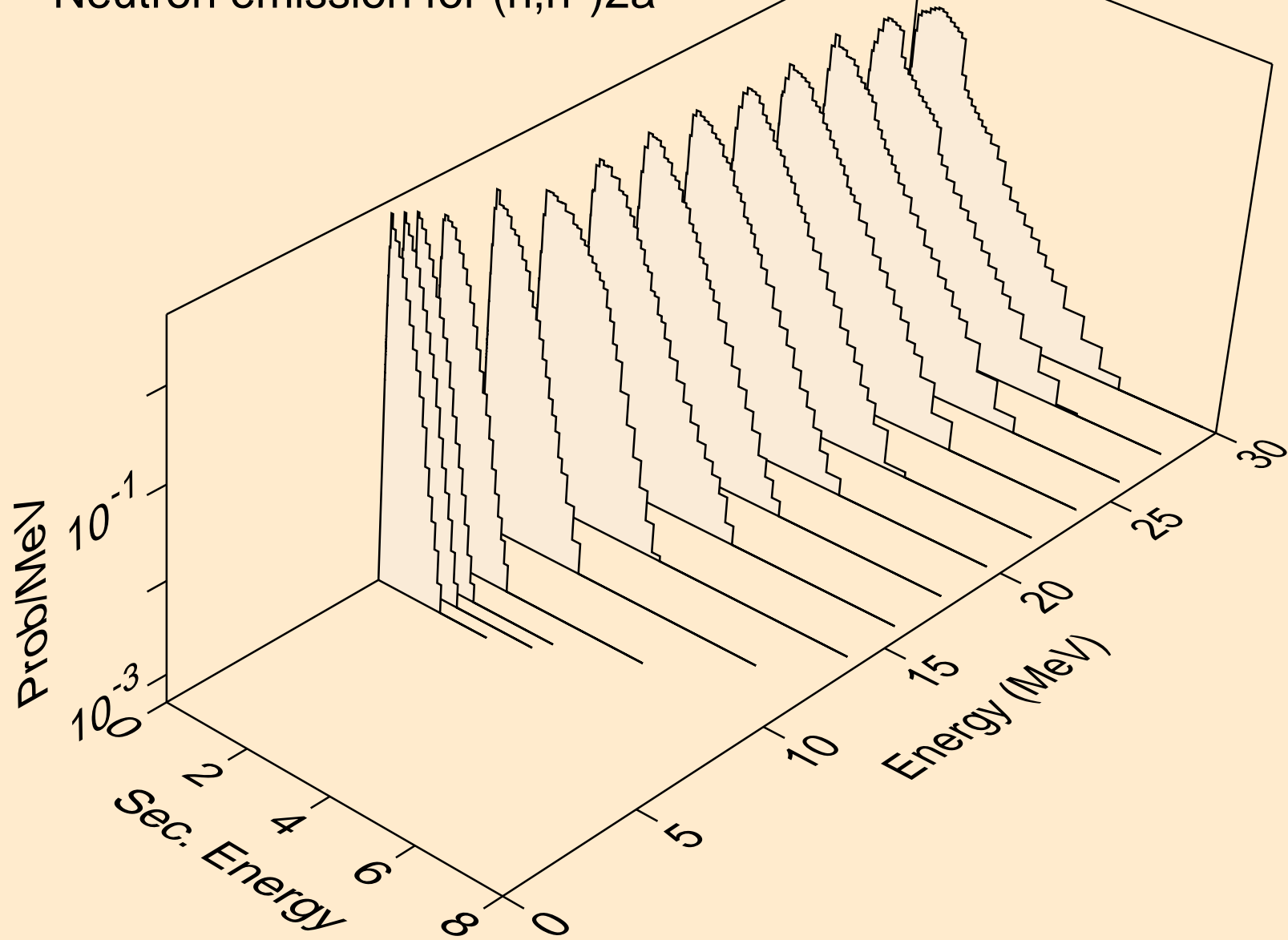
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



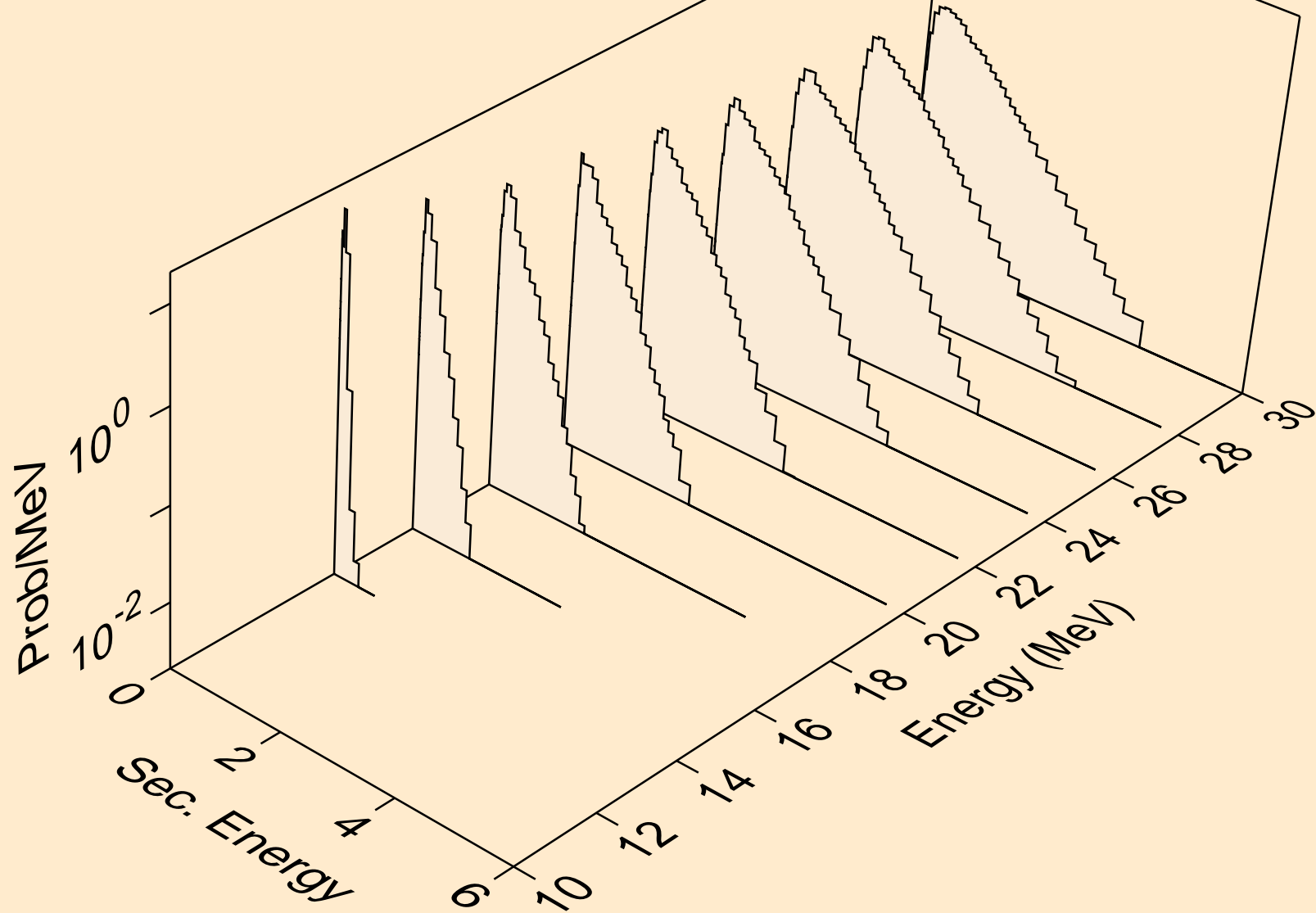
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

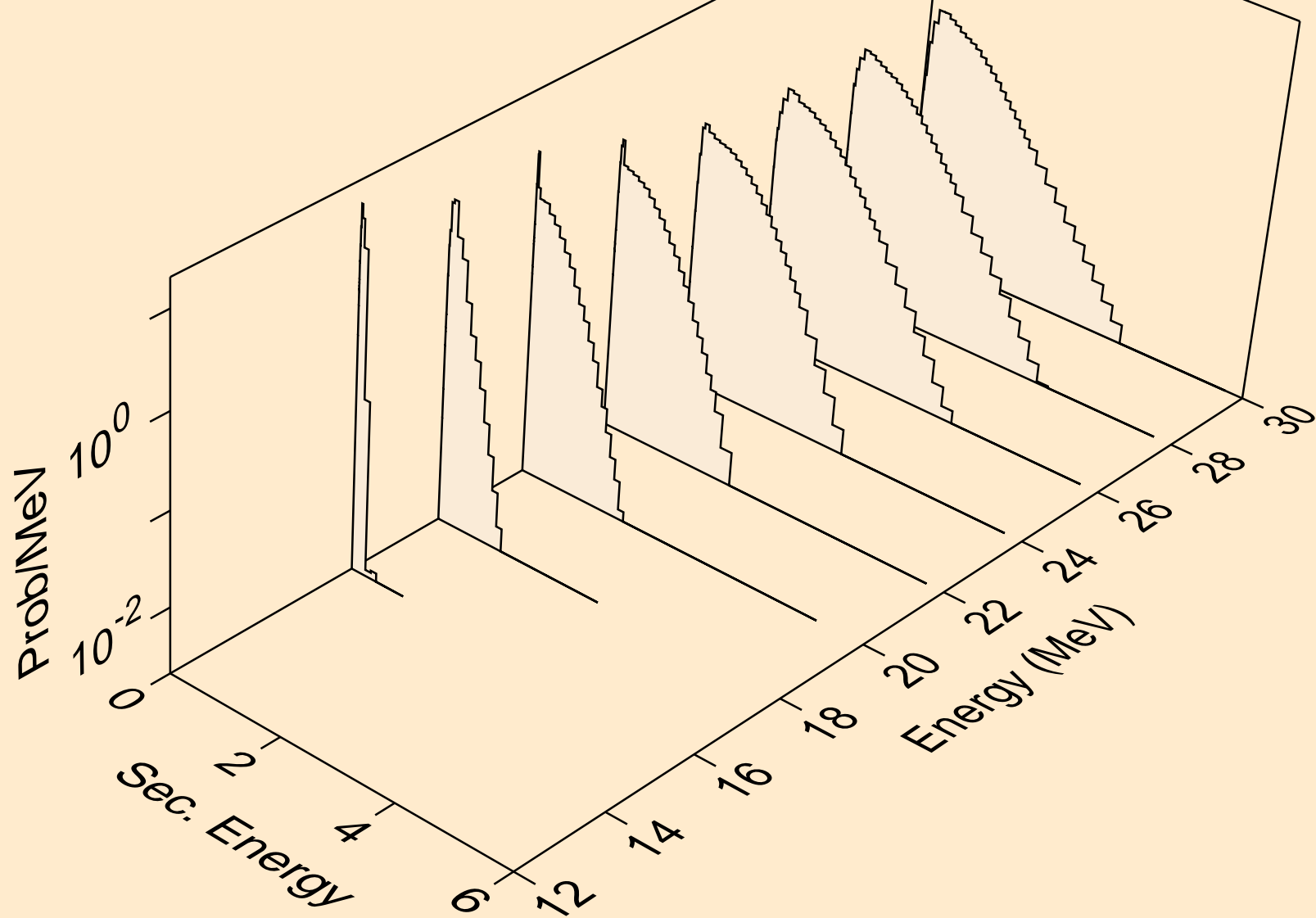


DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

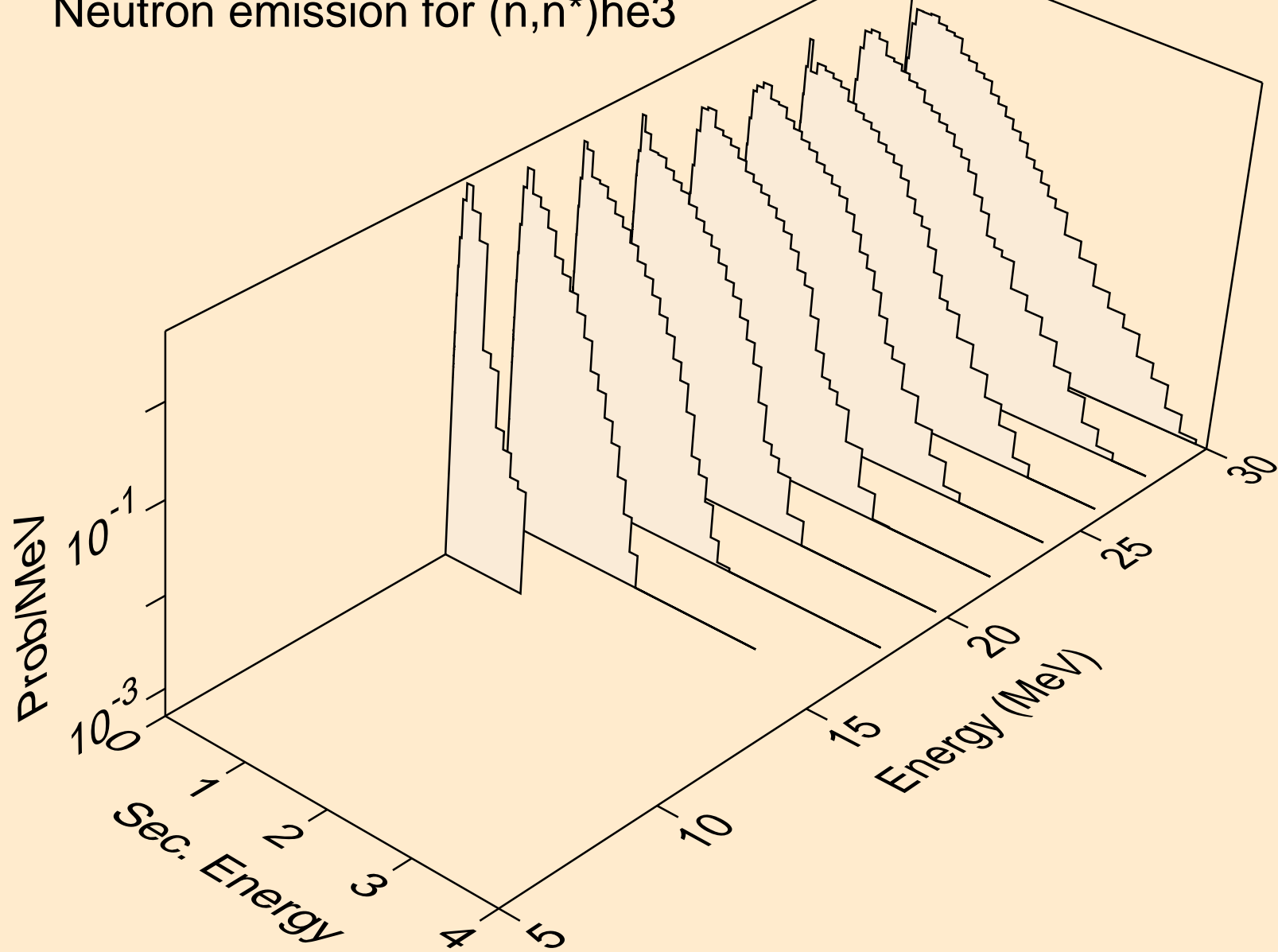




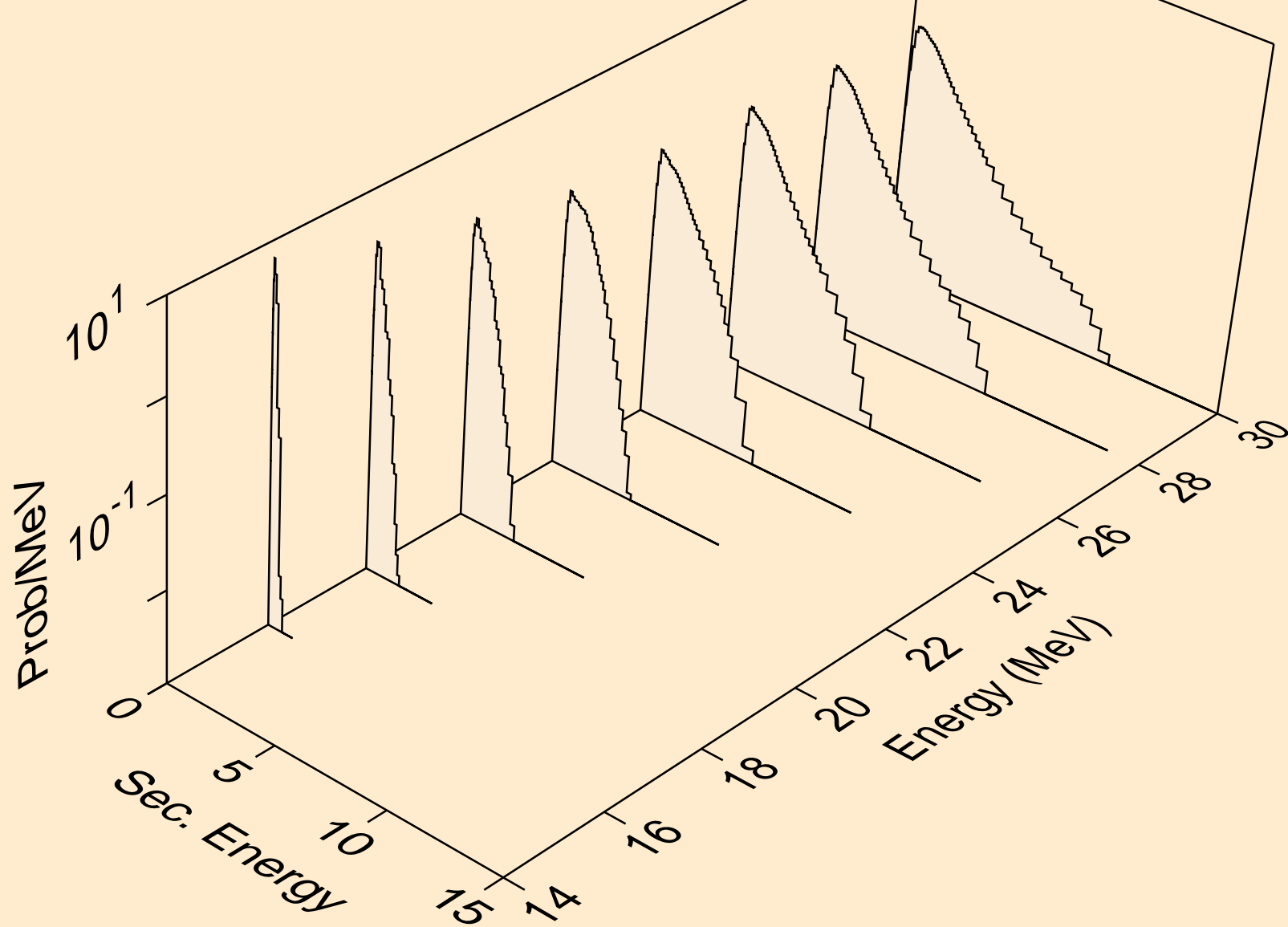
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



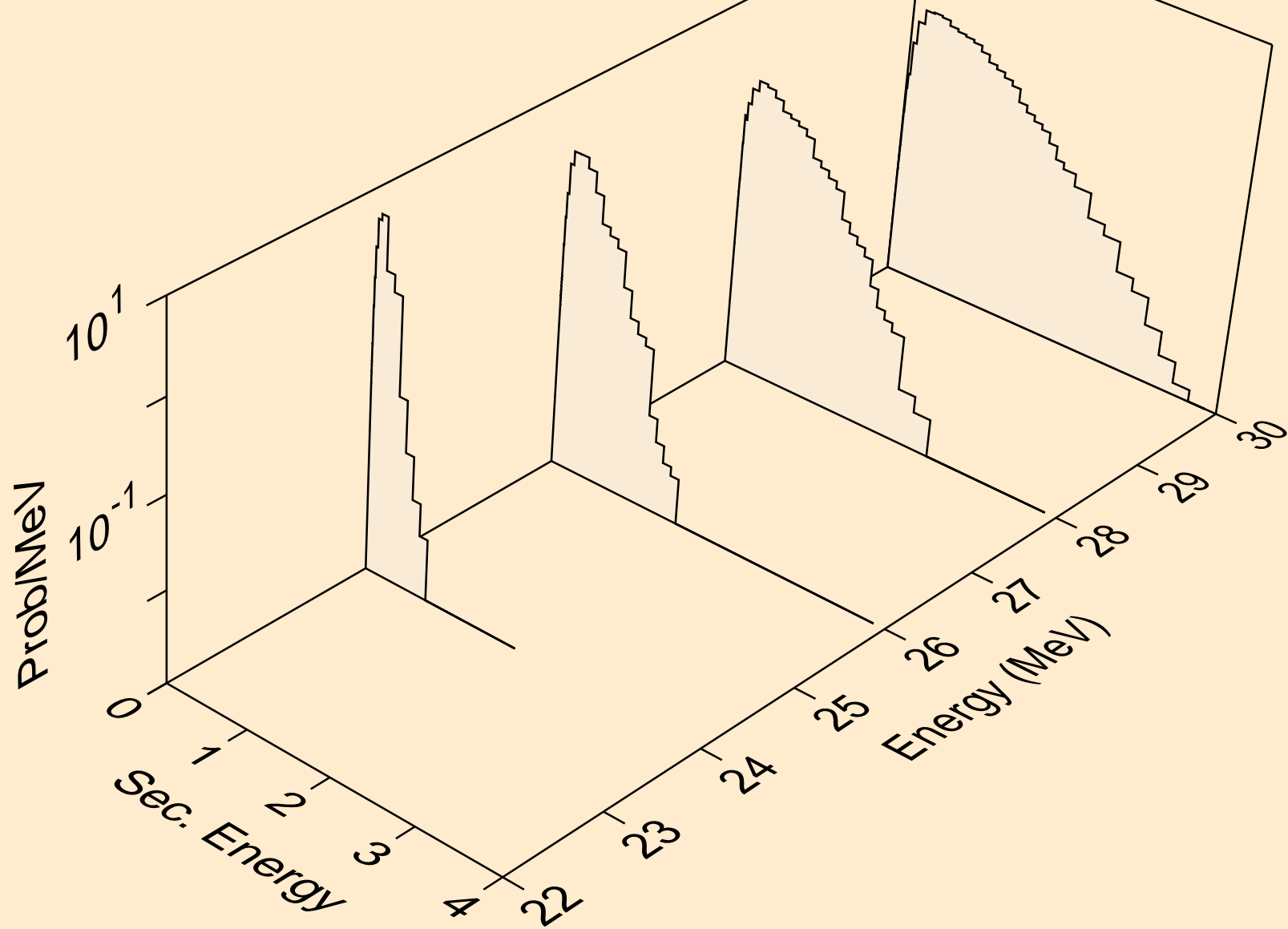
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Neutron emission for (n,n\*)he3



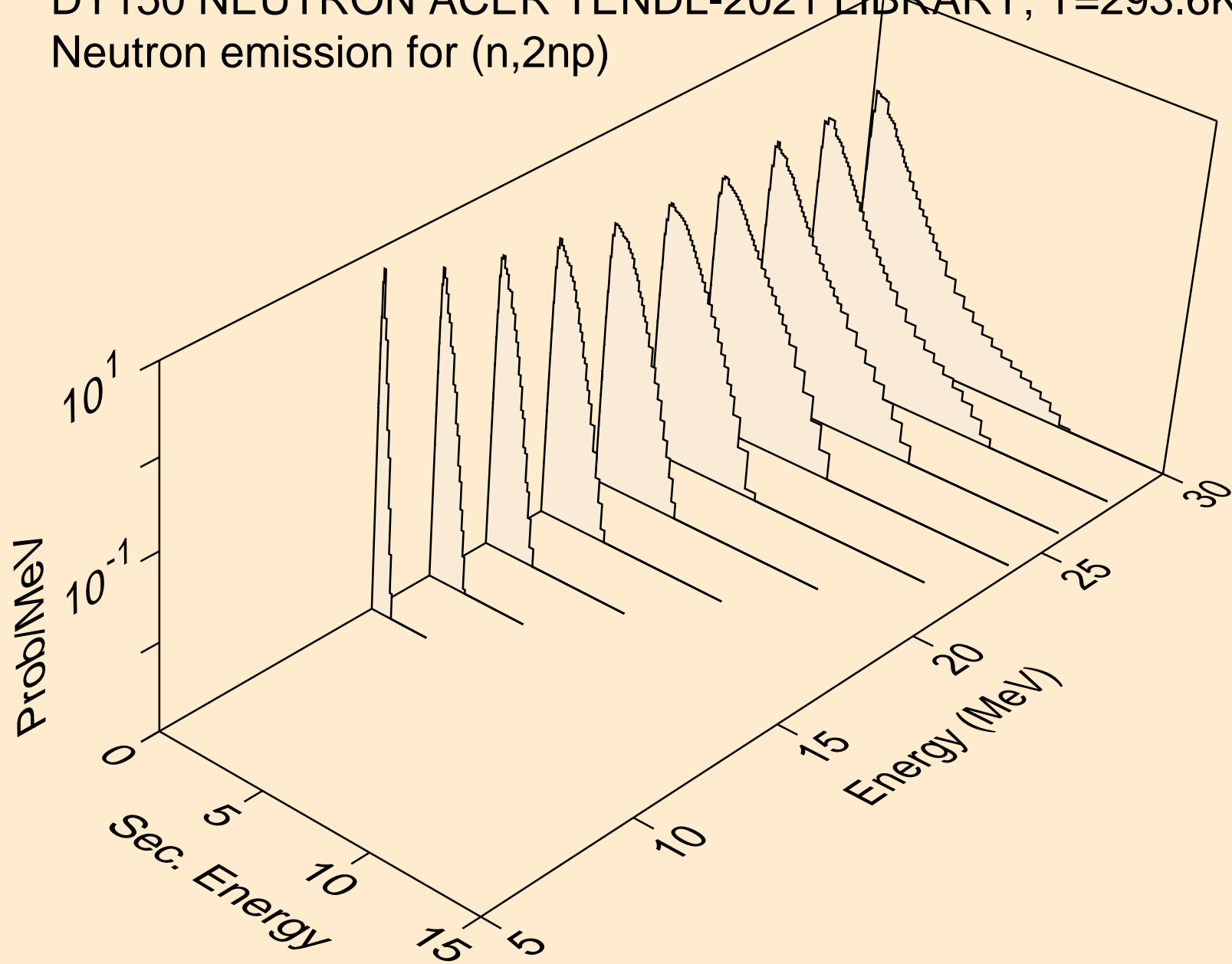
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Neutron emission for (n,2np)



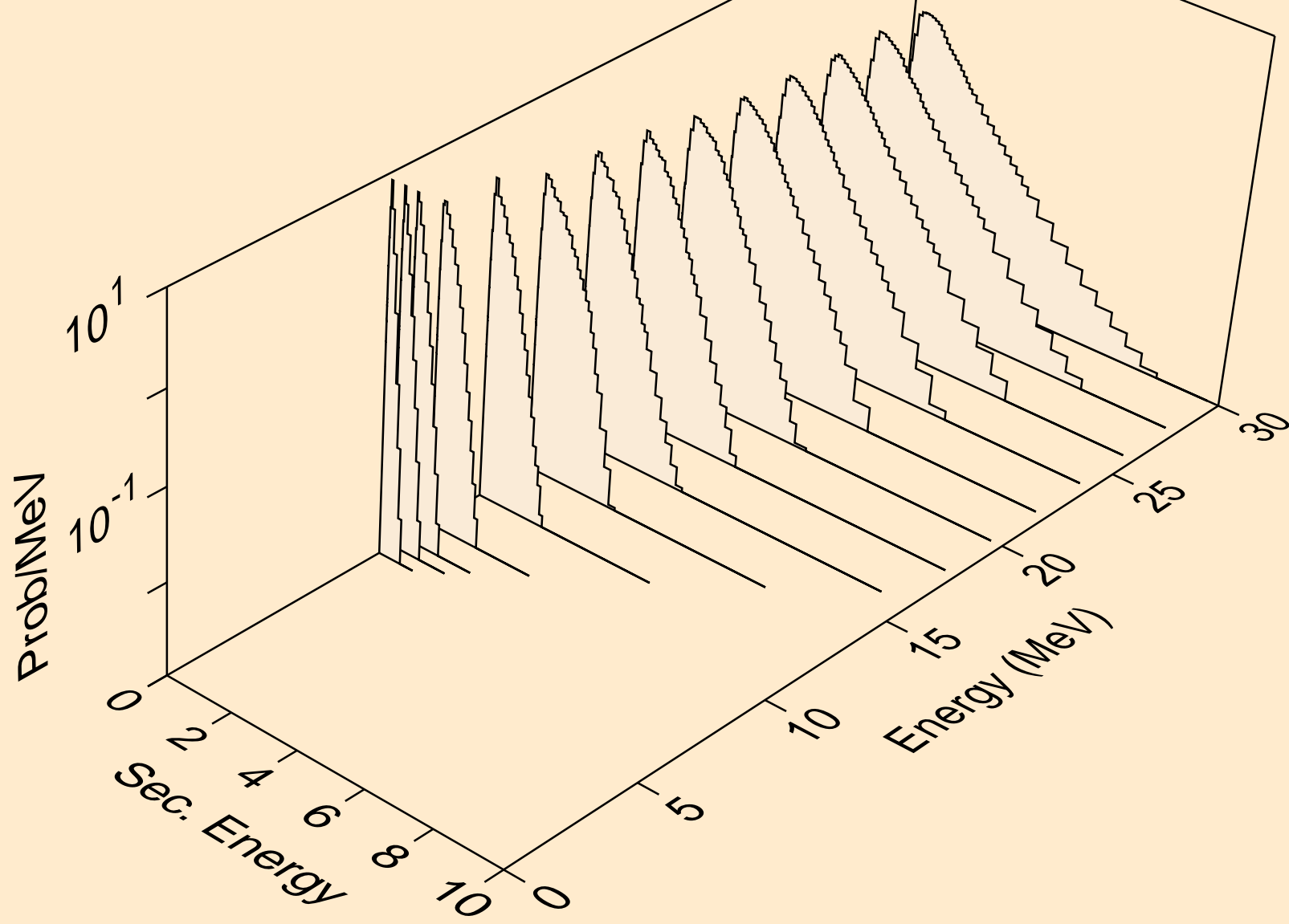
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Neutron emission for (n,3np)



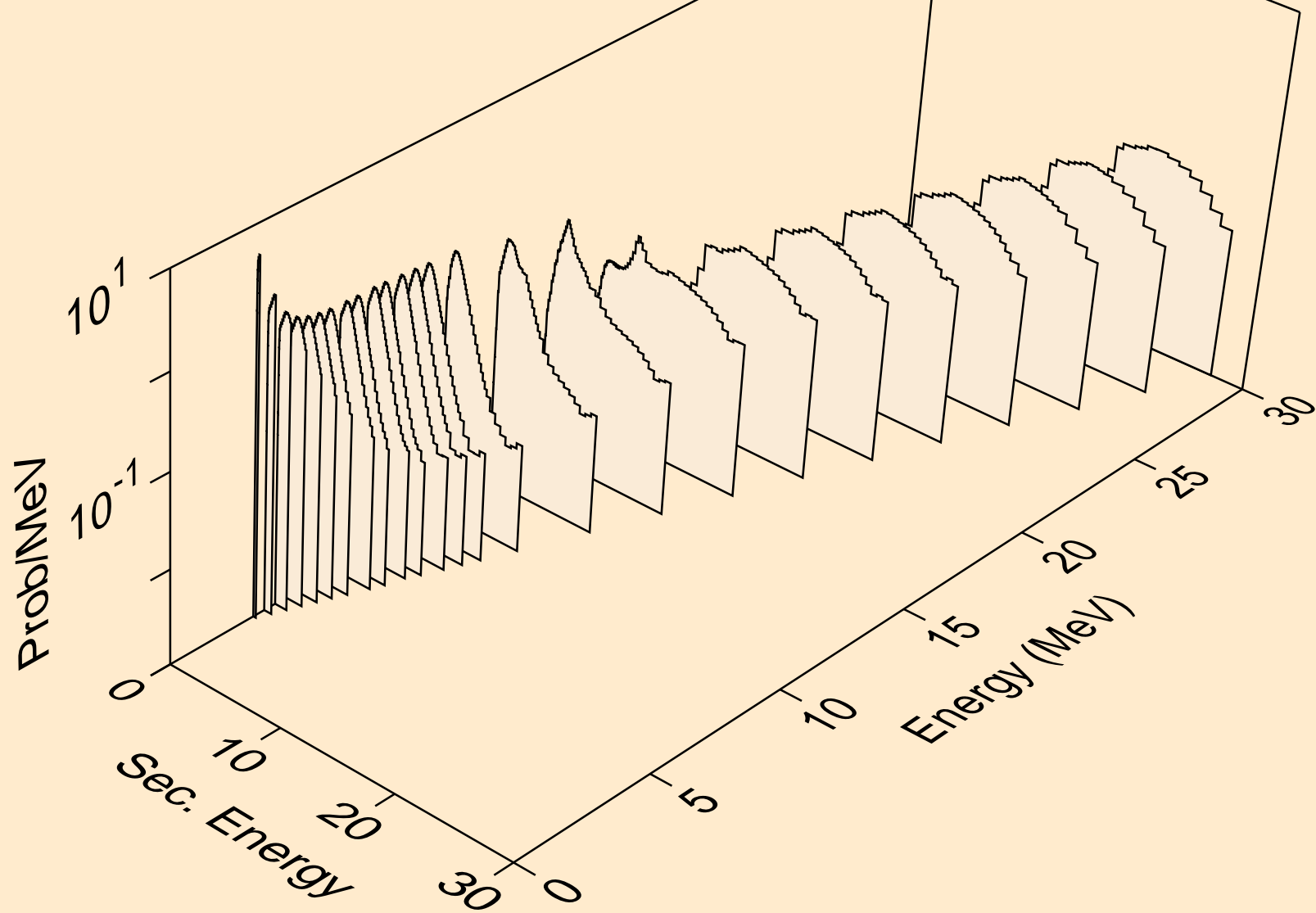
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Neutron emission for (n,2np)



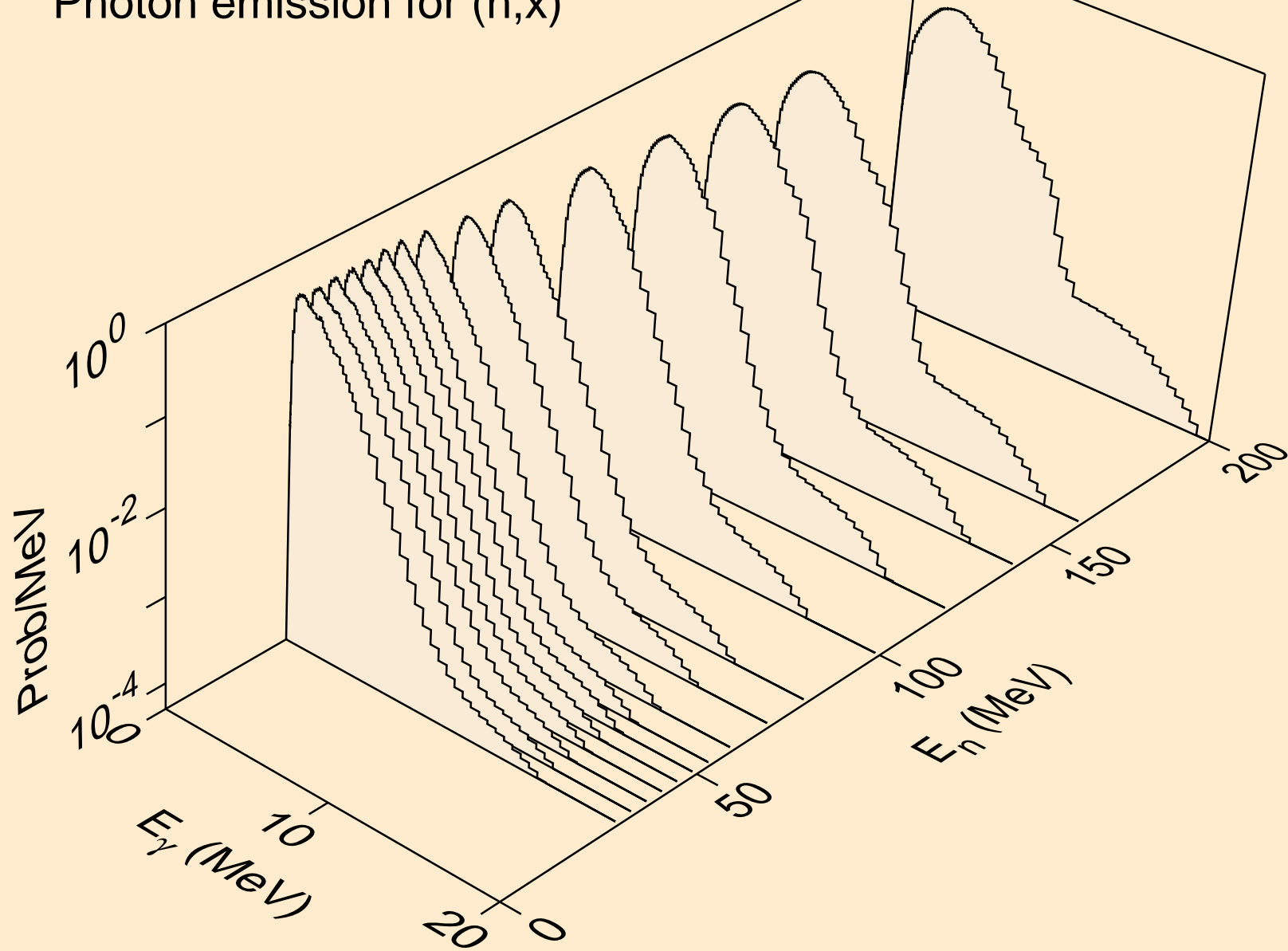
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

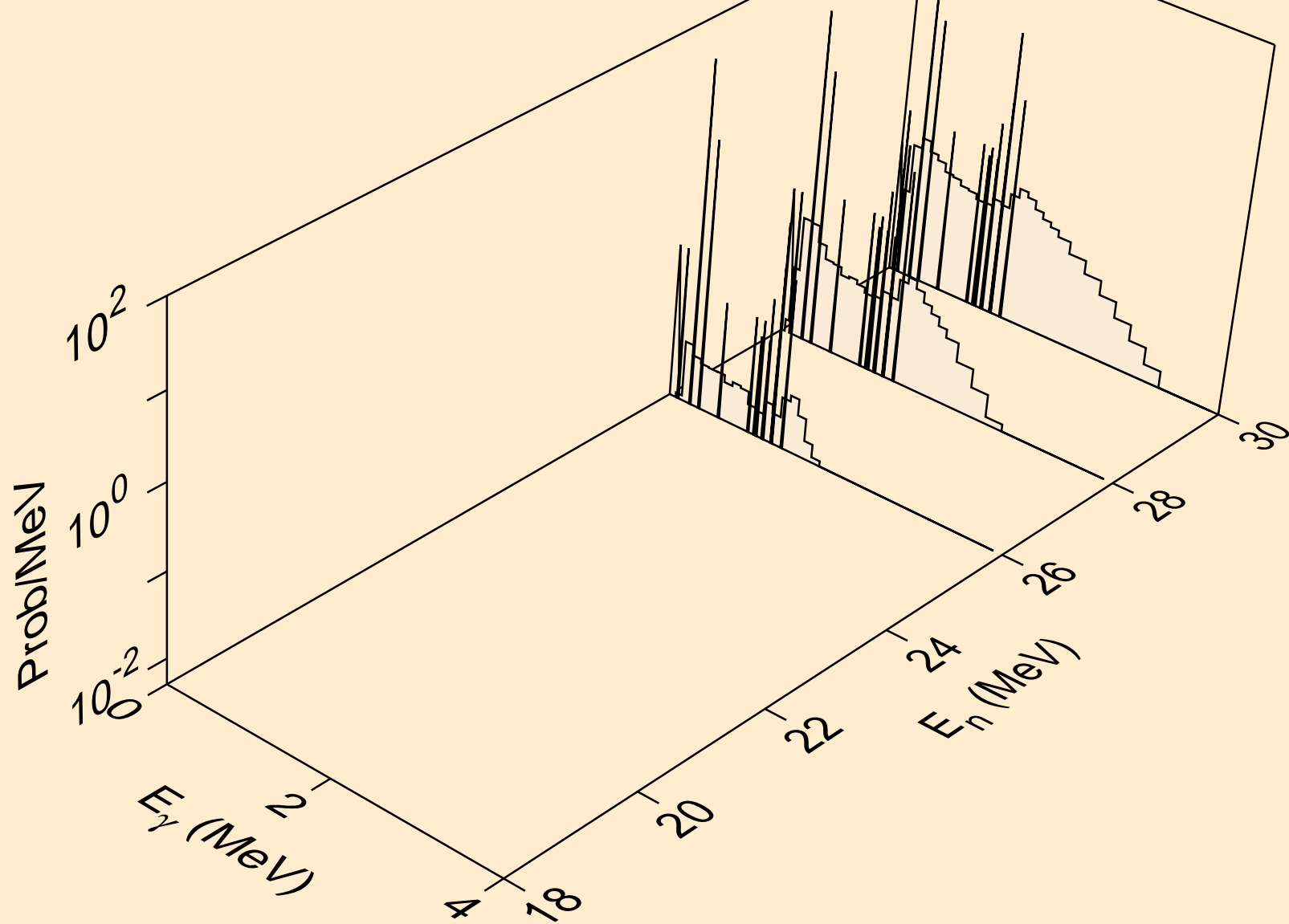


DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

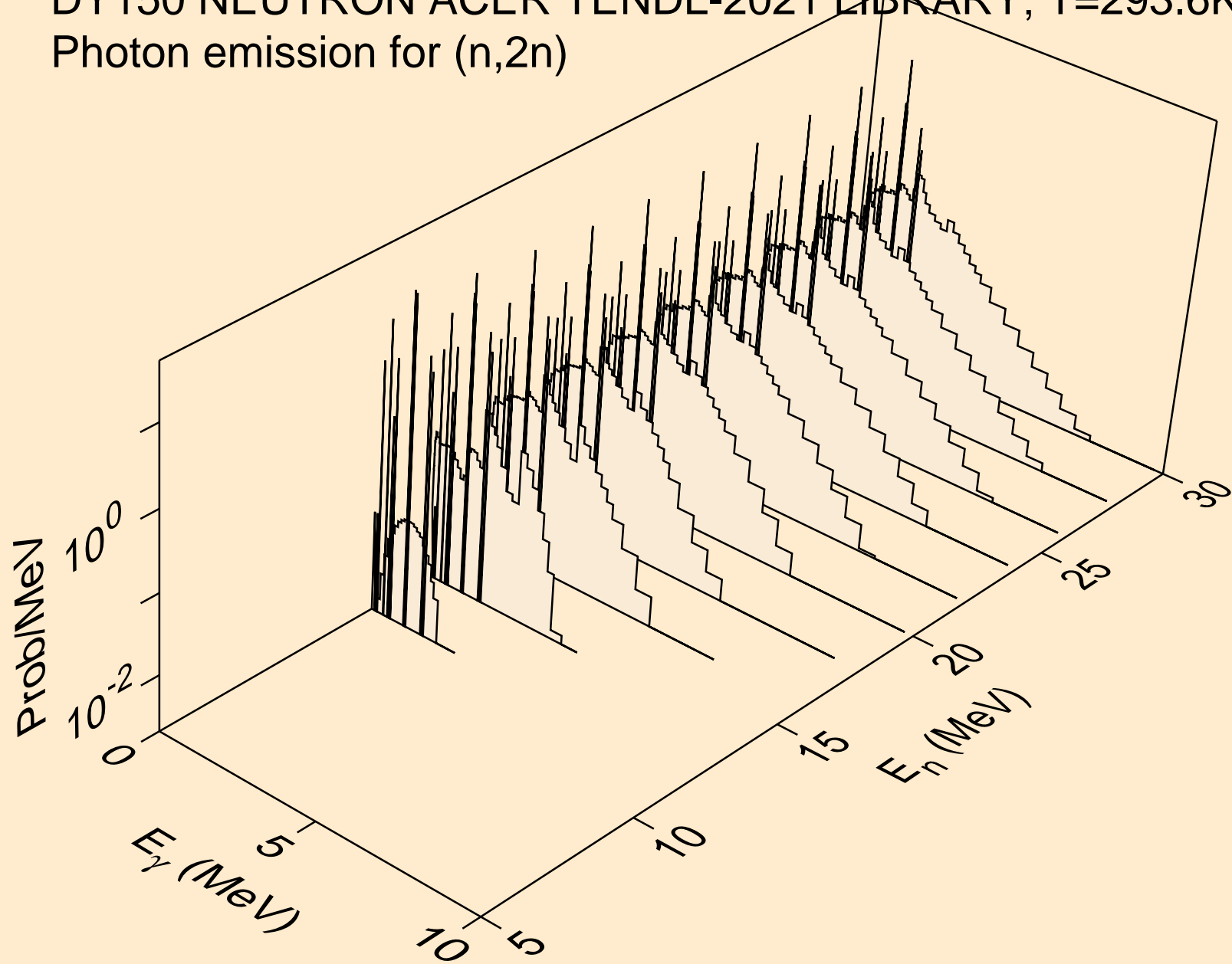




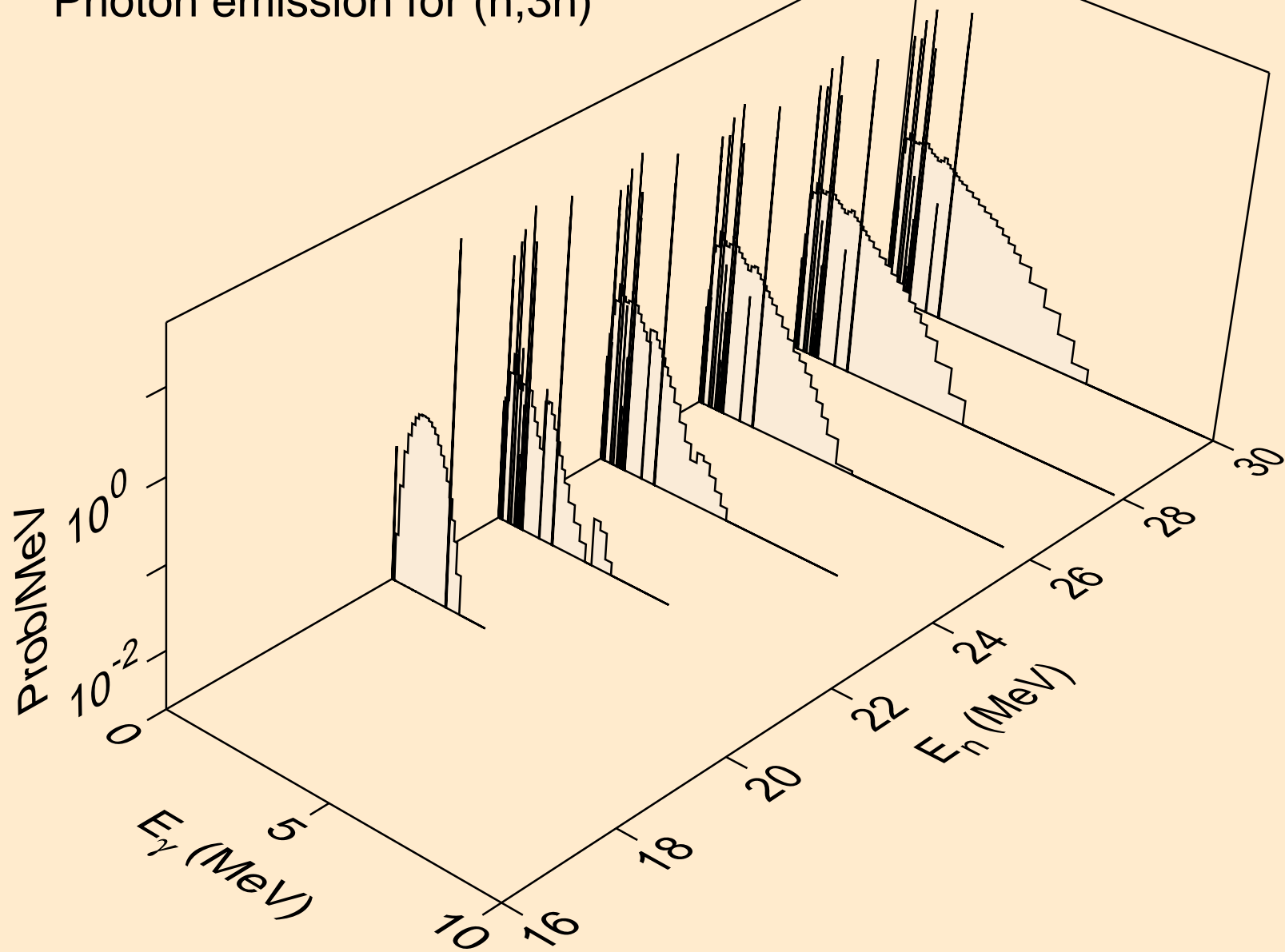
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Photon emission for (n,2nd)



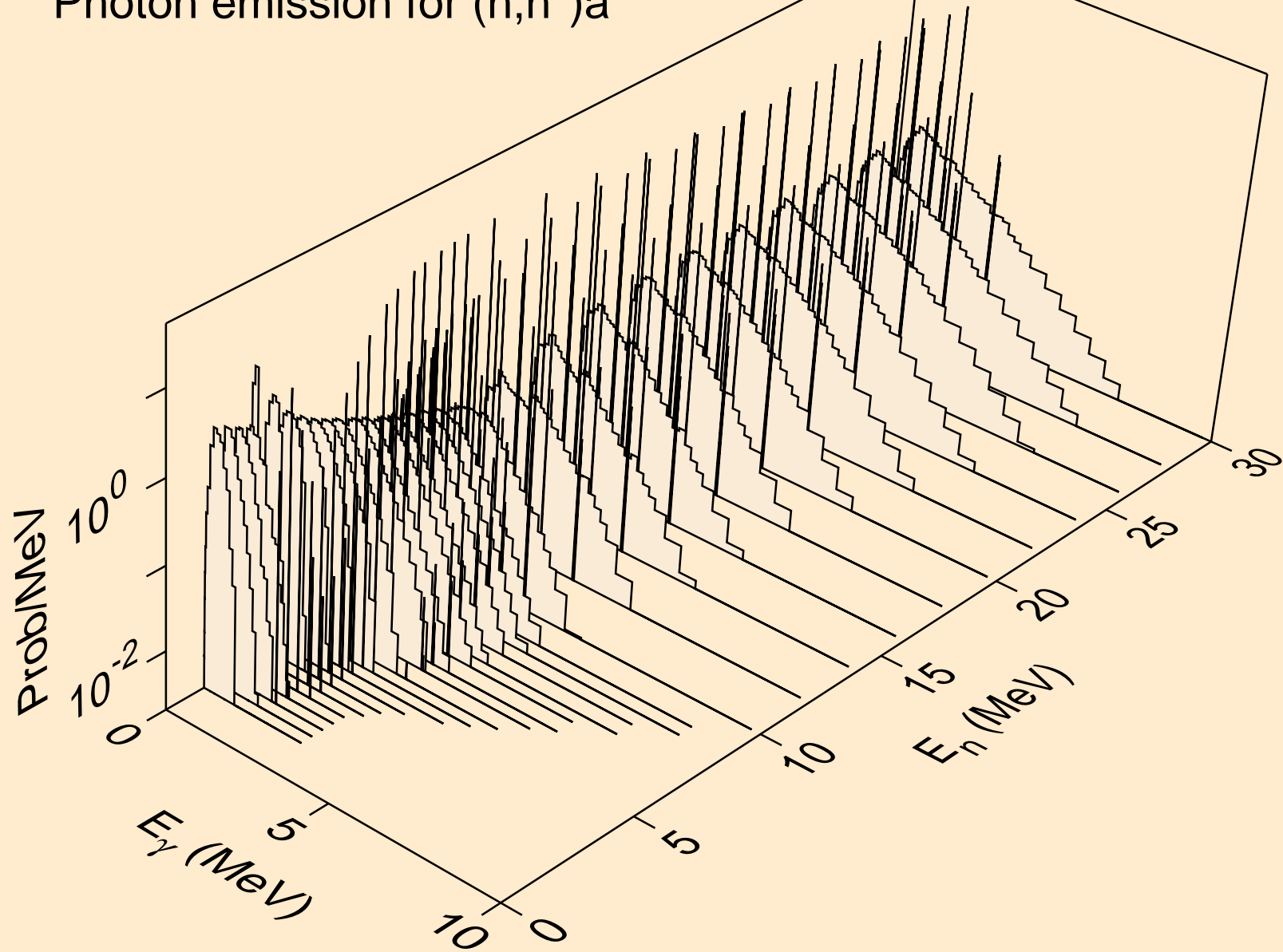
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Photon emission for (n,2n)



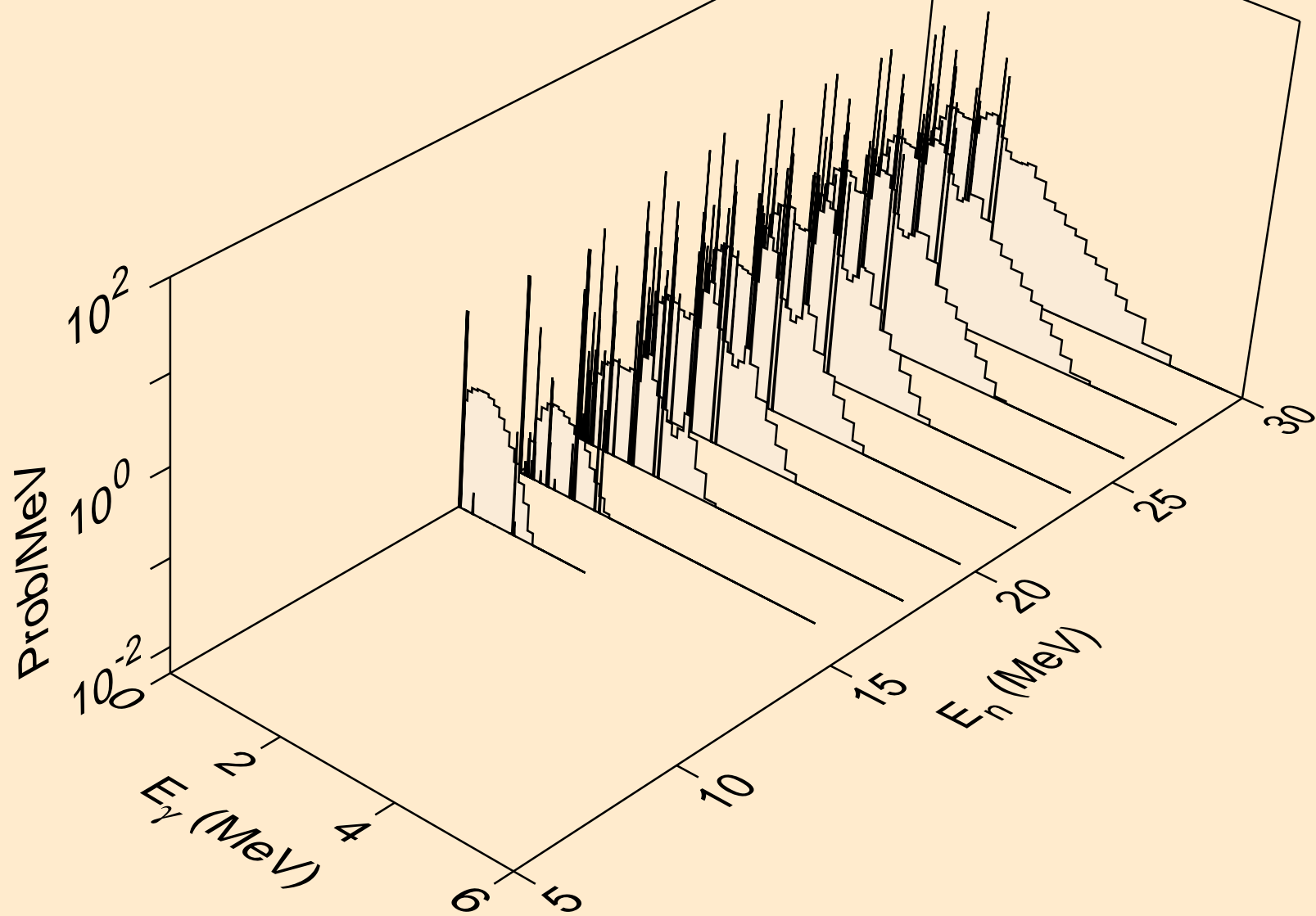
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Photon emission for (n,3n)



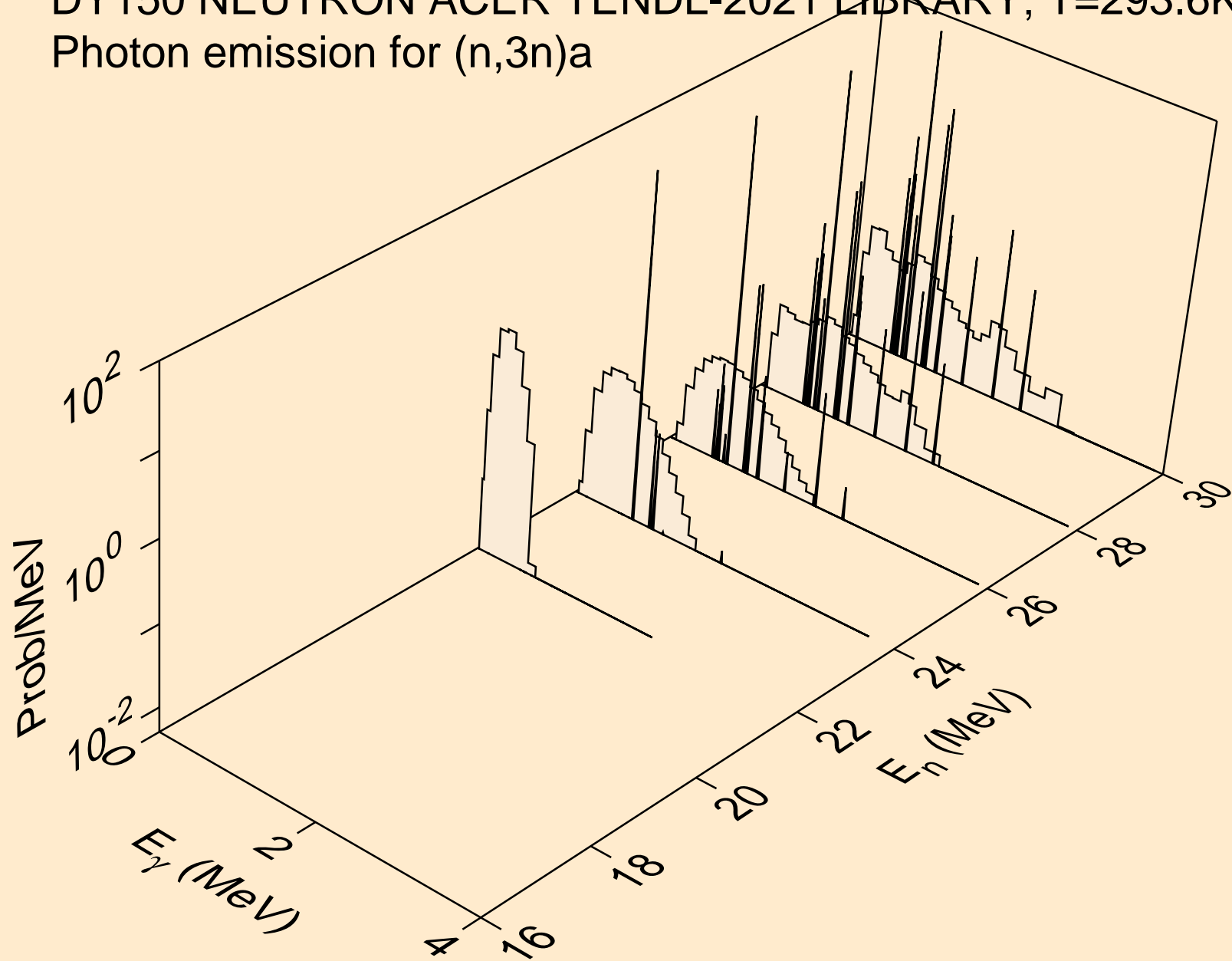
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Photon emission for (n,n\*)a



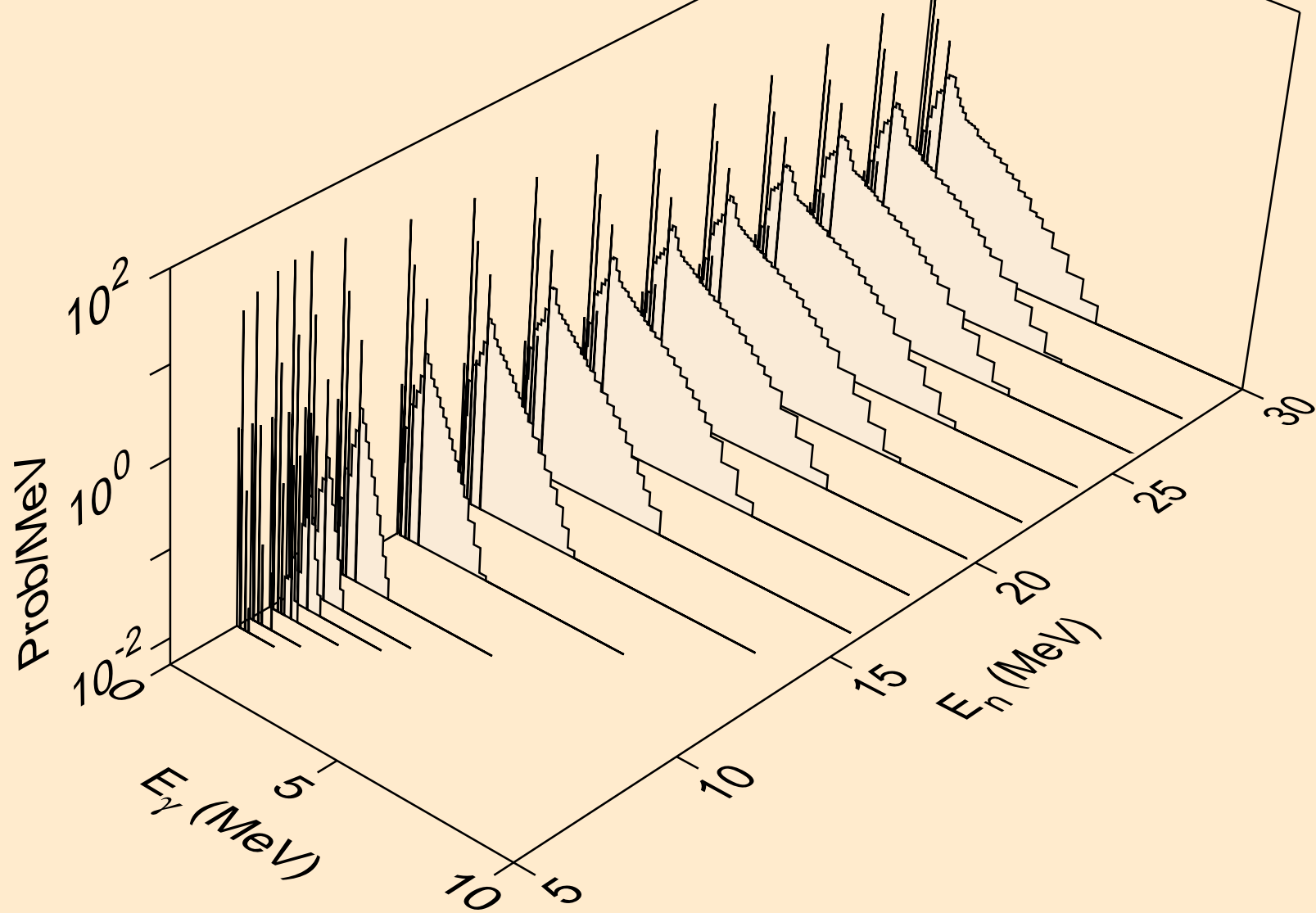
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Photon emission for (n,2n)a



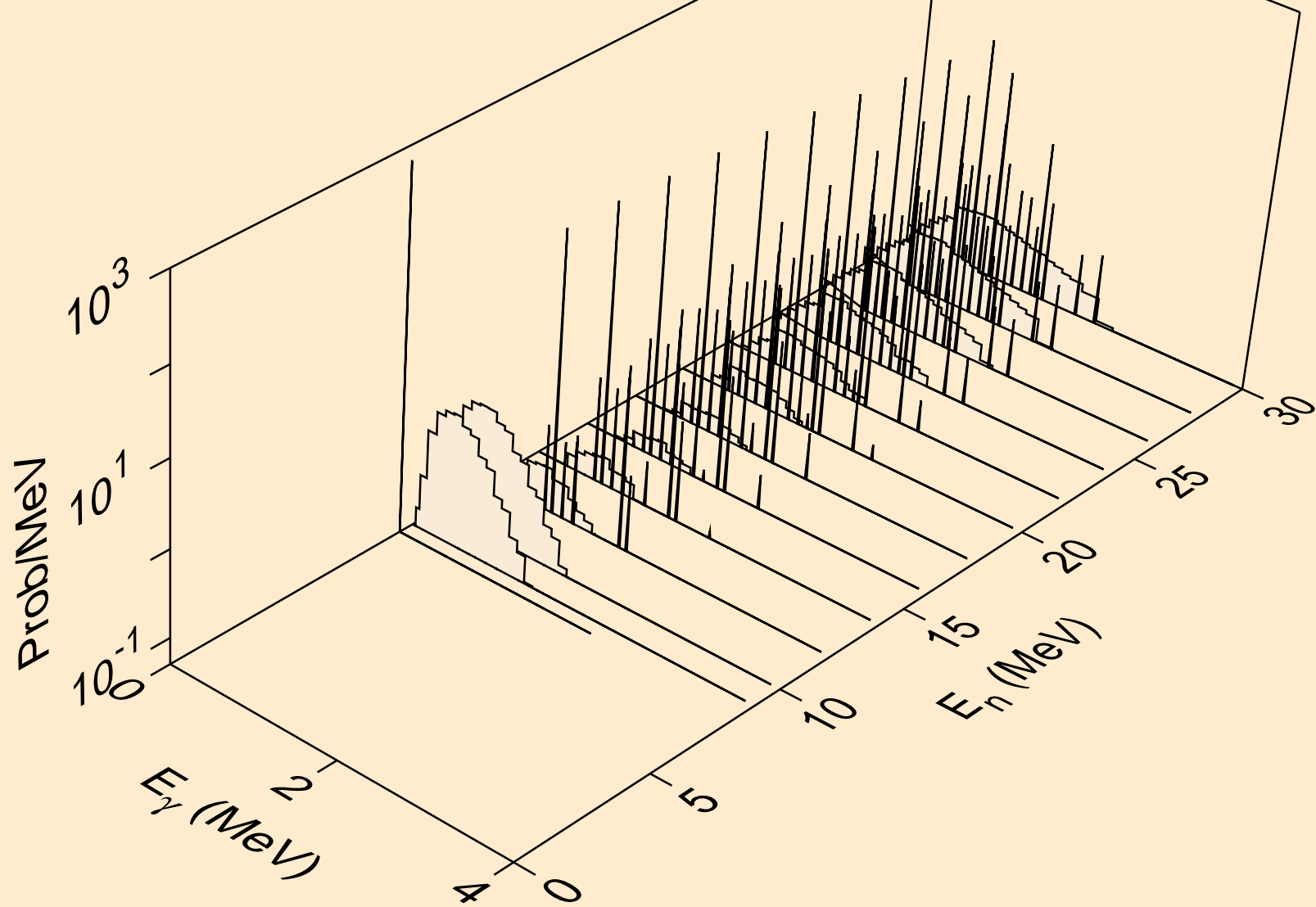
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Photon emission for (n,3n)a



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

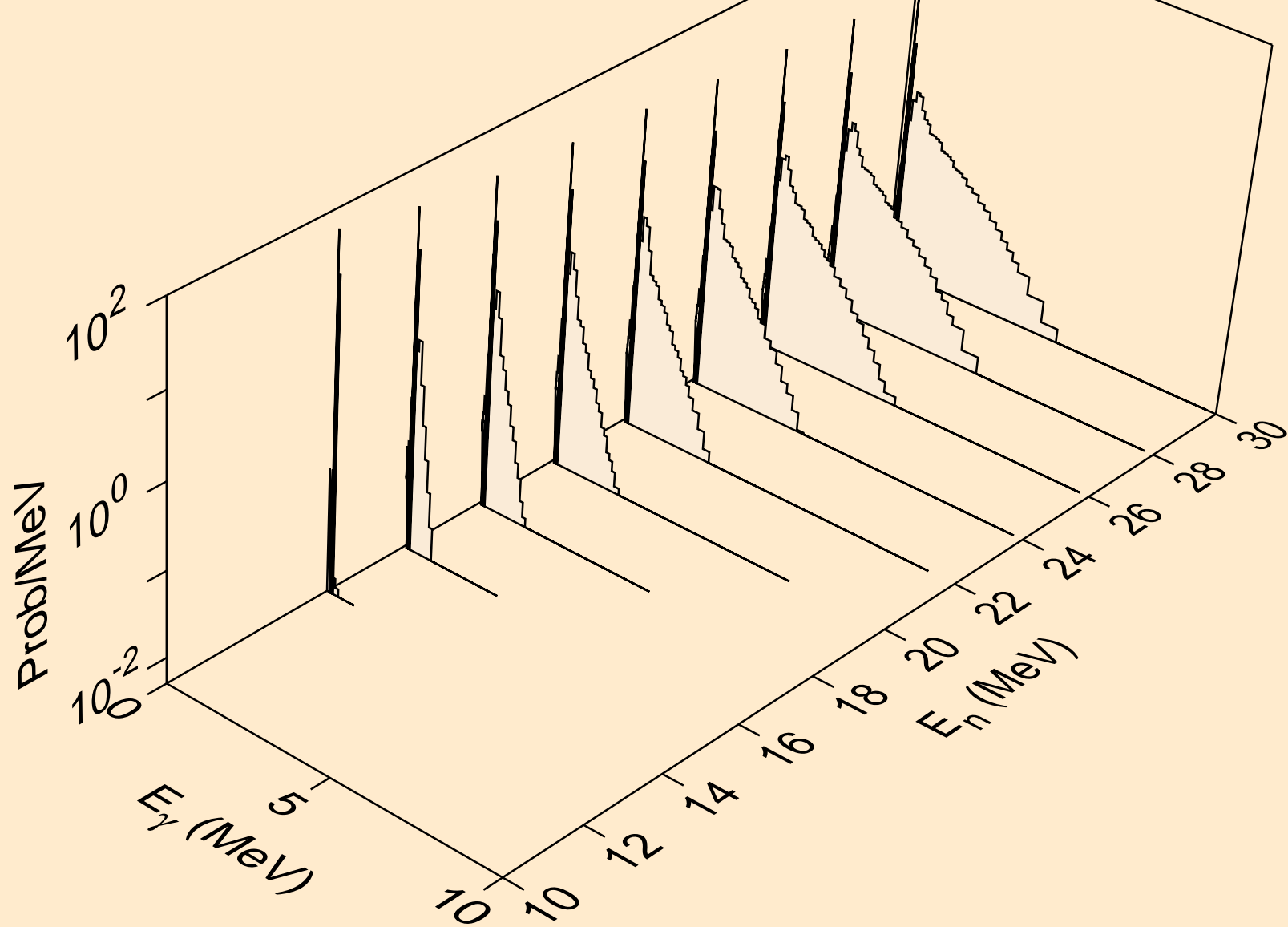


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Photon emission for (n,n\*)2a

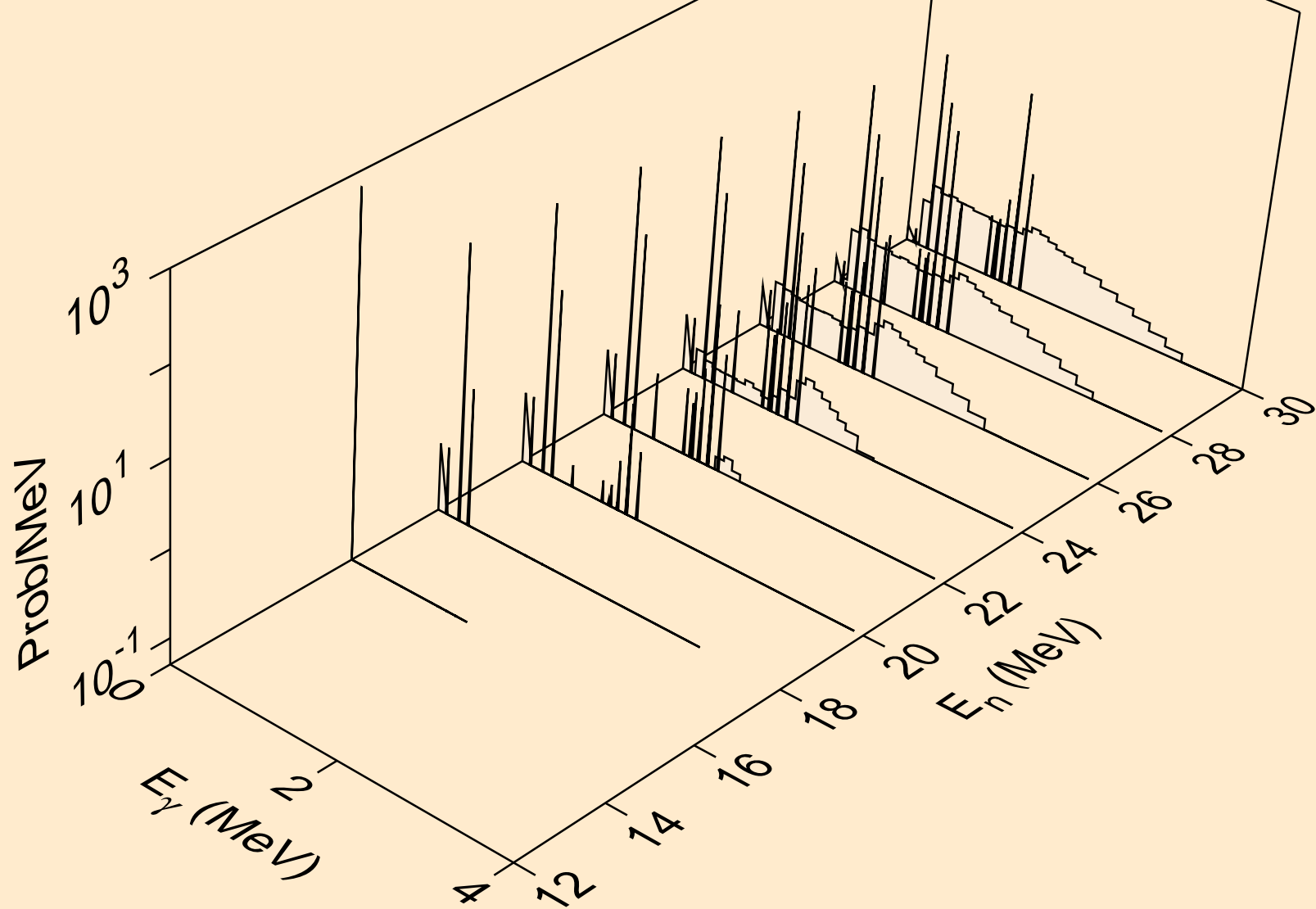




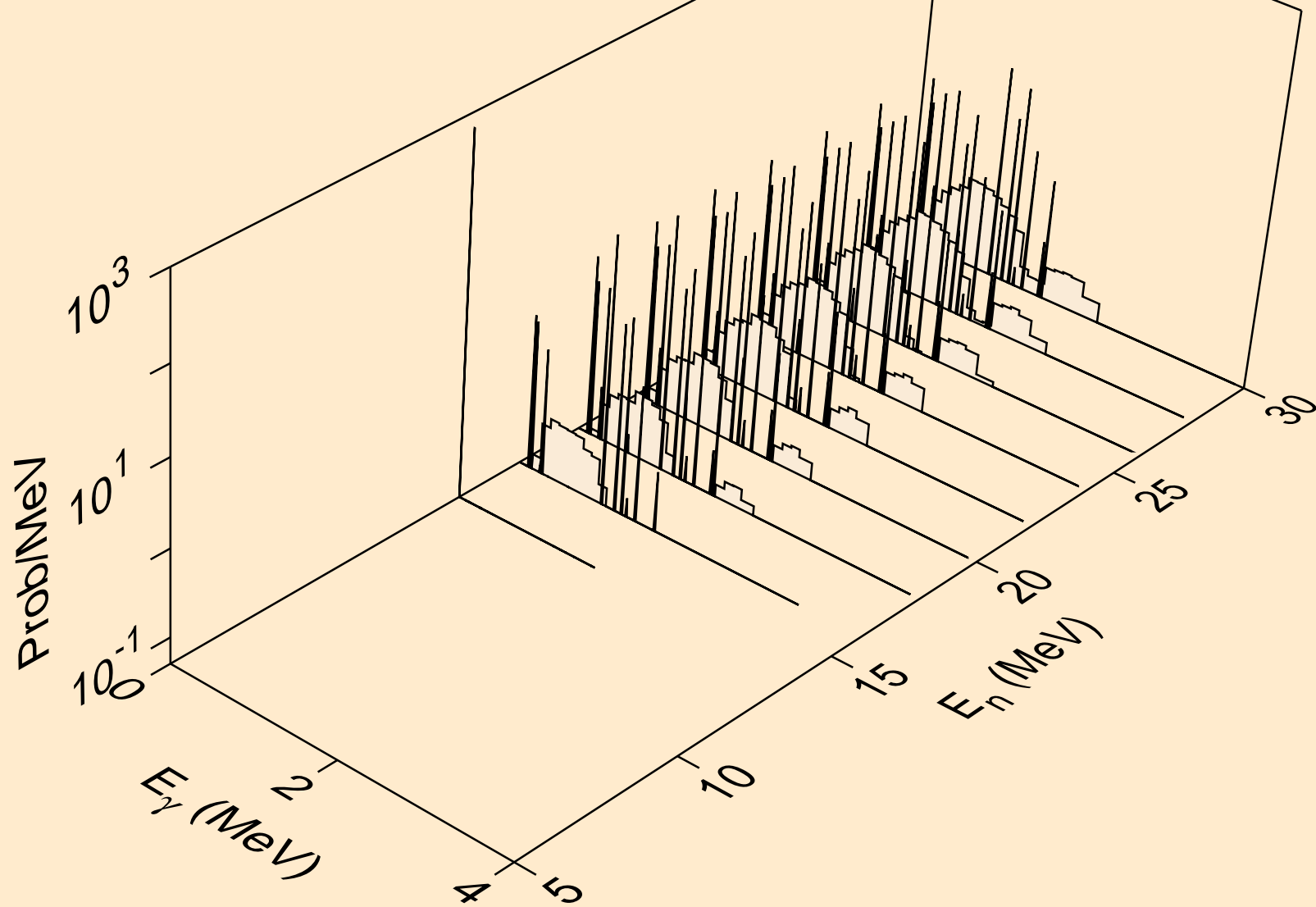
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Photon emission for (n,n\*)d



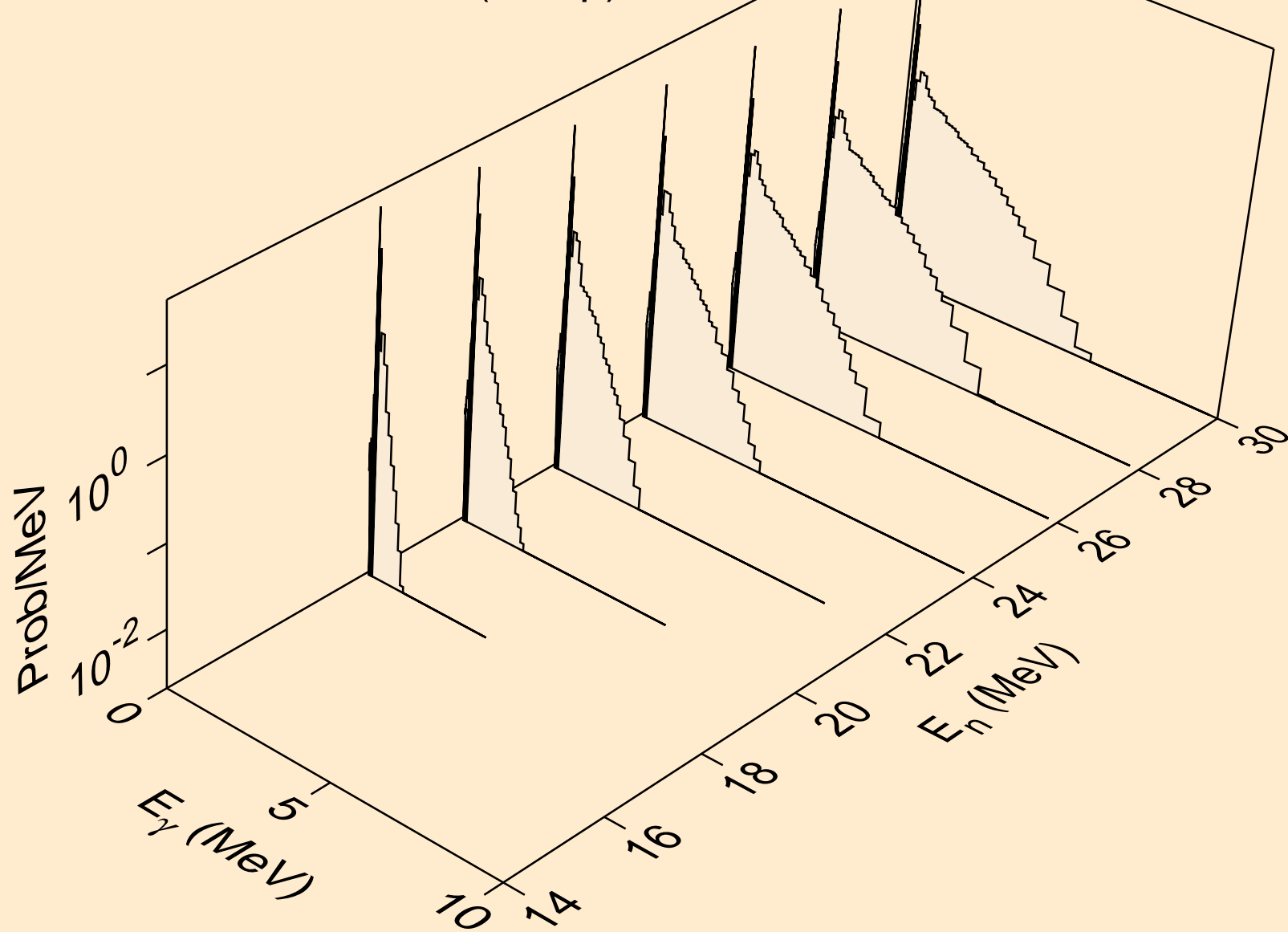
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Photon emission for (n,n\*)t



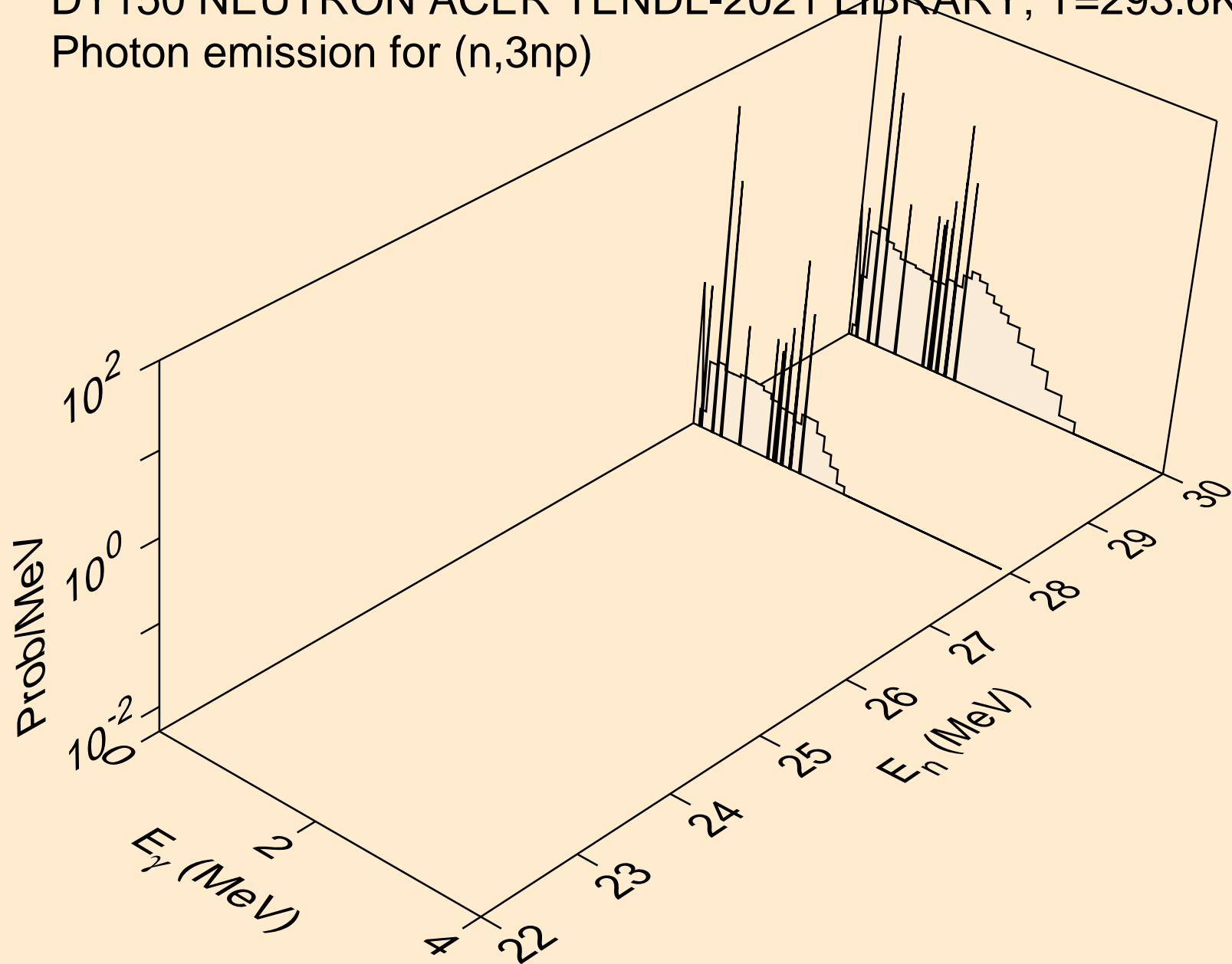
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Photon emission for (n,n\*)he3



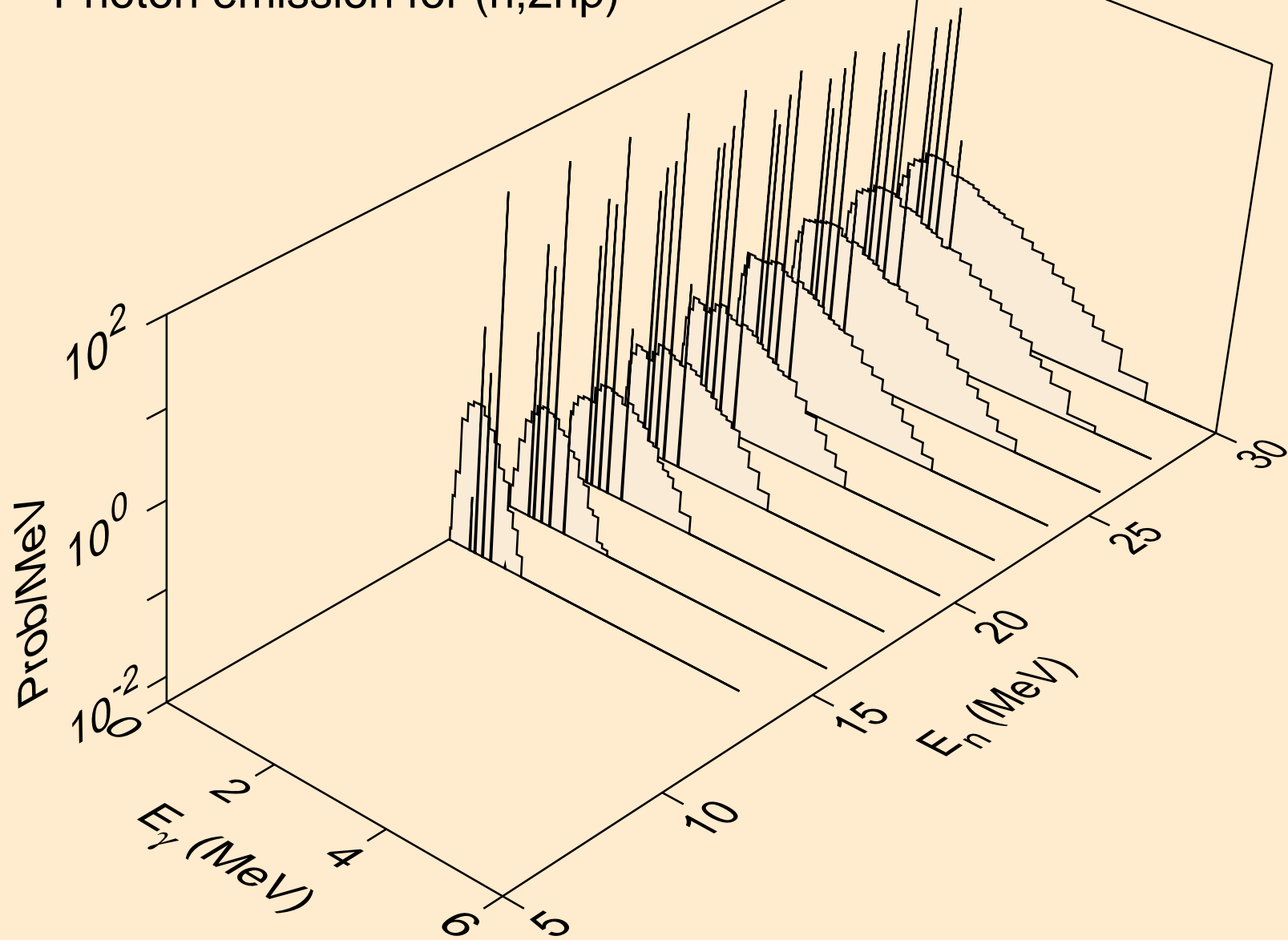
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Photon emission for (n,2np)



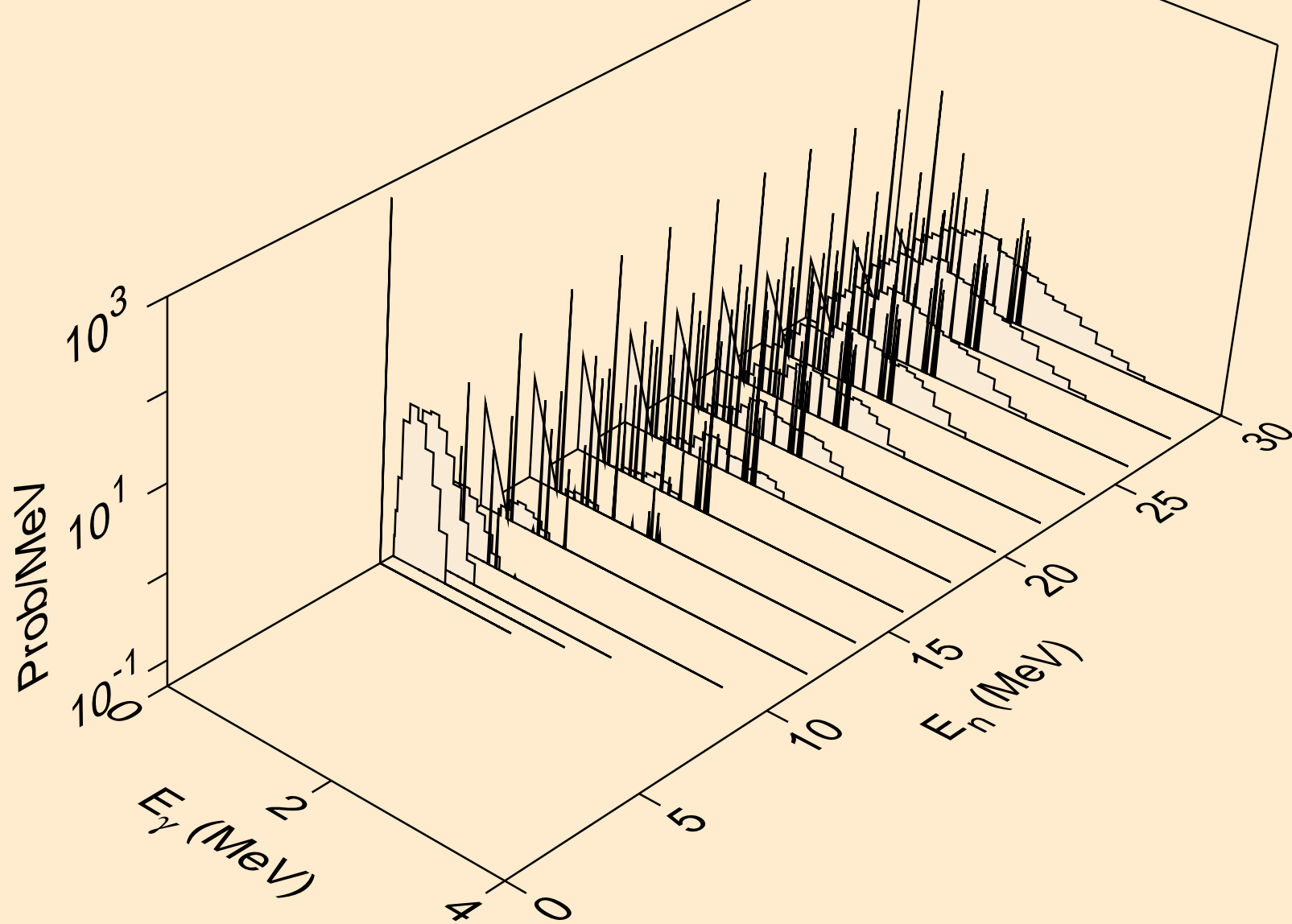
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Photon emission for (n,3np)



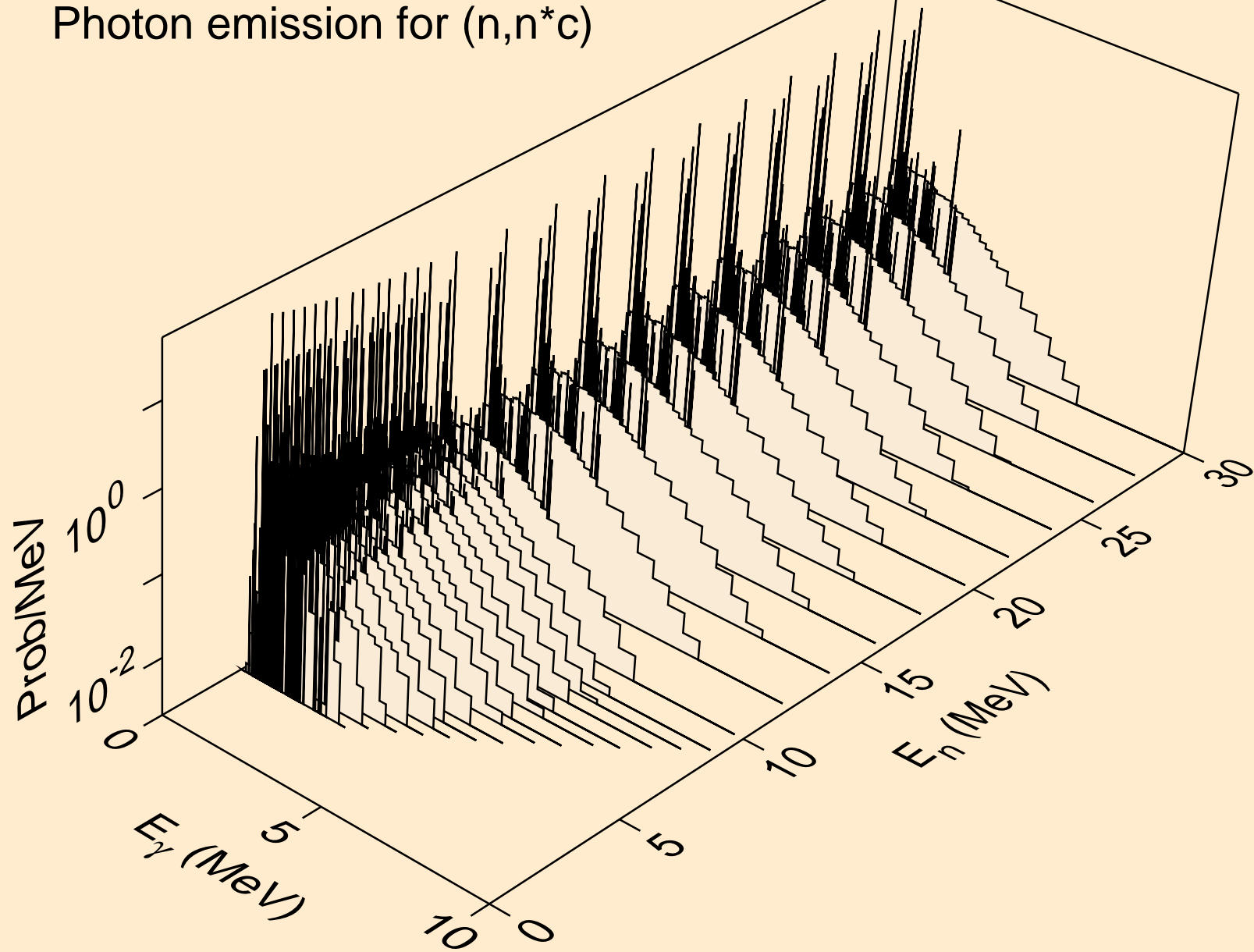
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Photon emission for (n,2np)



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)

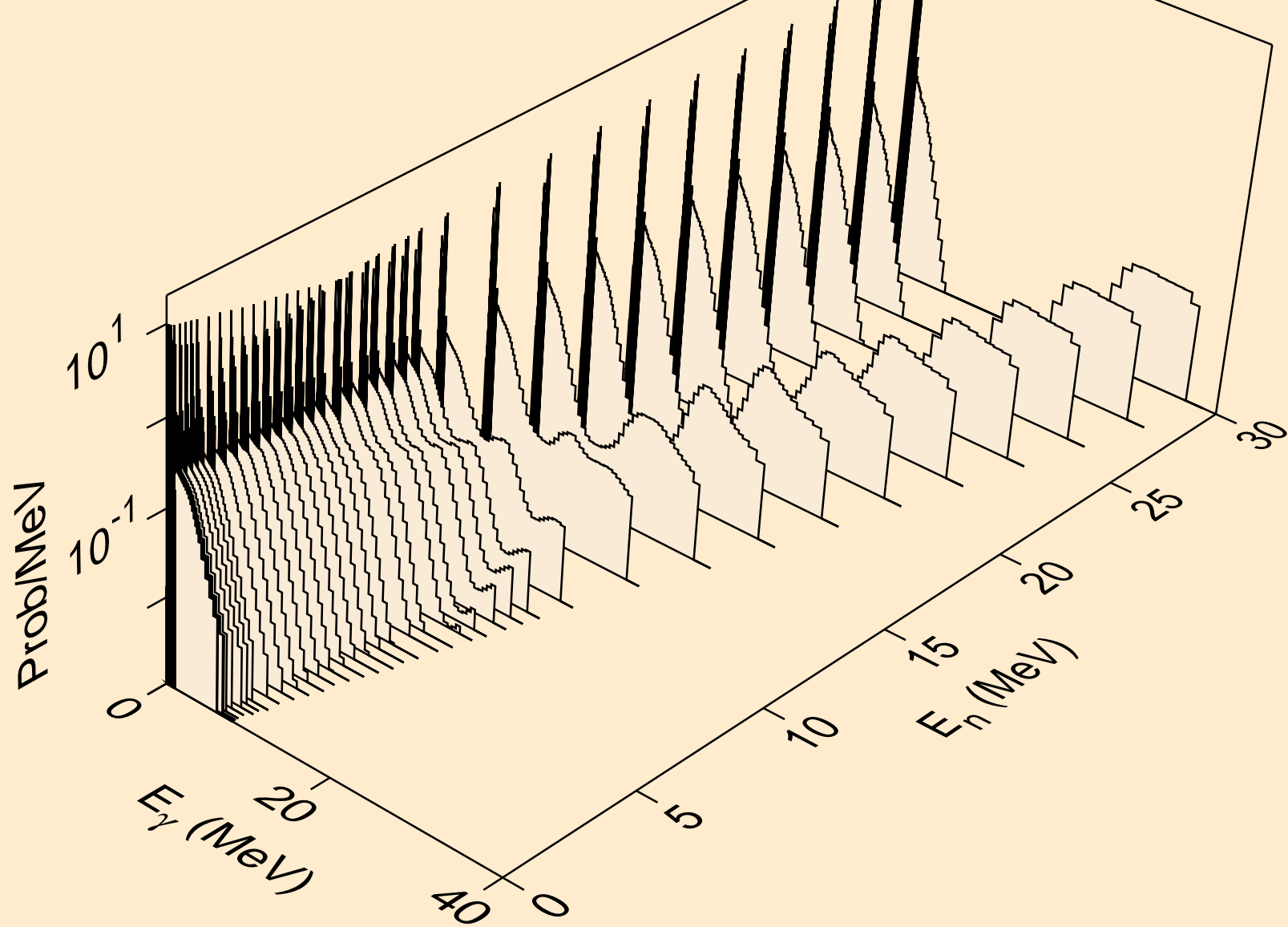


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Photon emission for (n,n\*c)

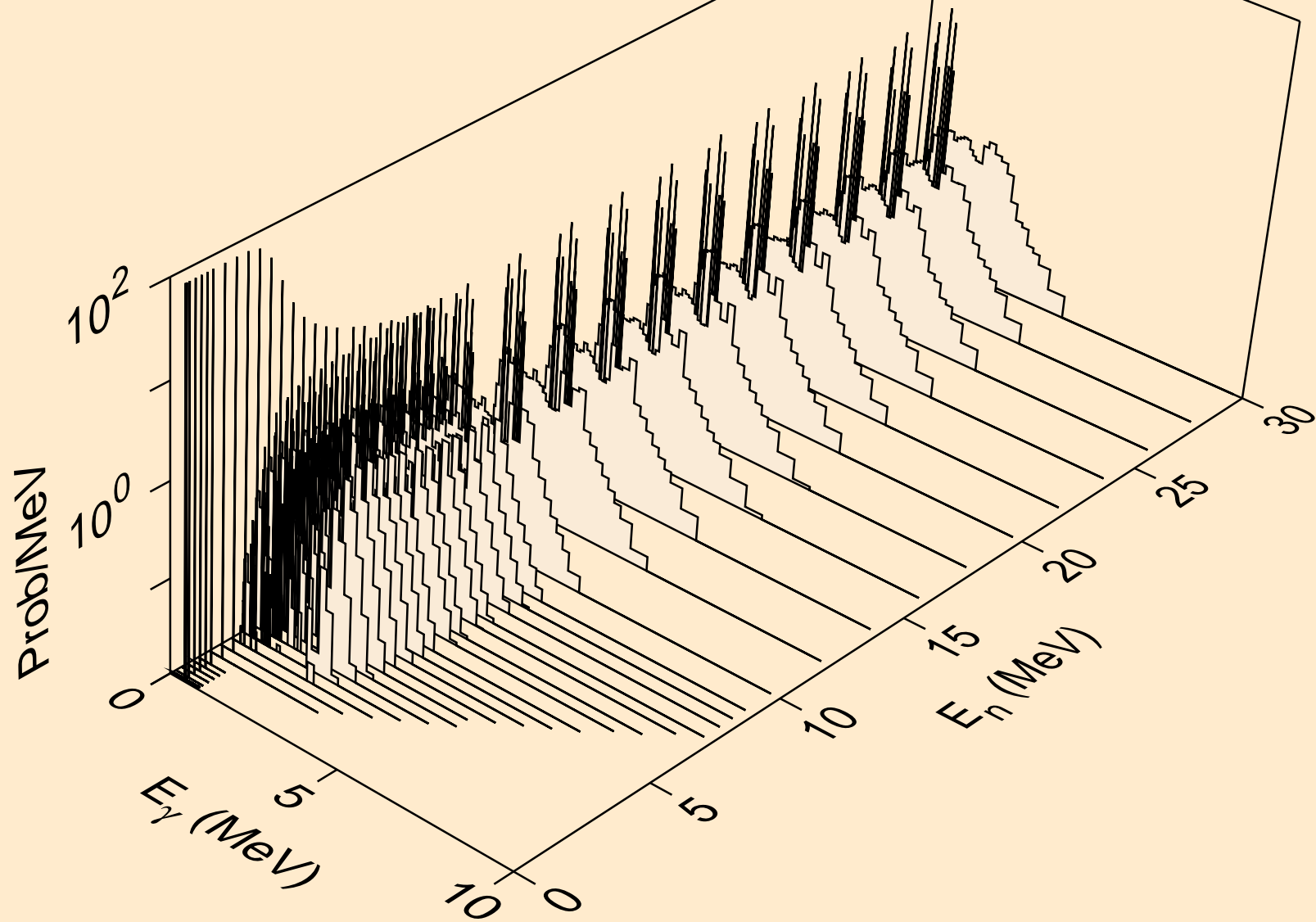




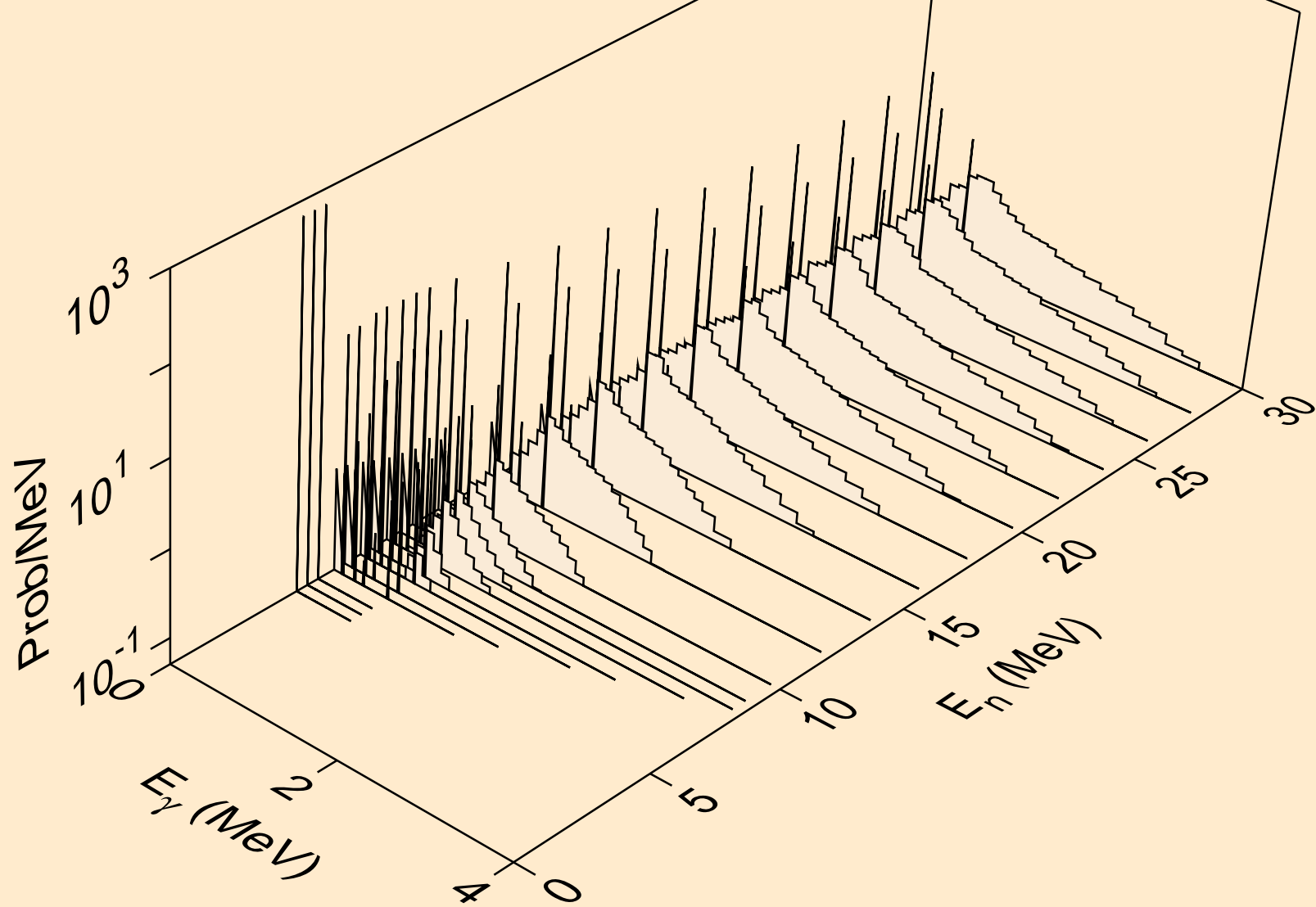
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Photon emission for (n,gma)



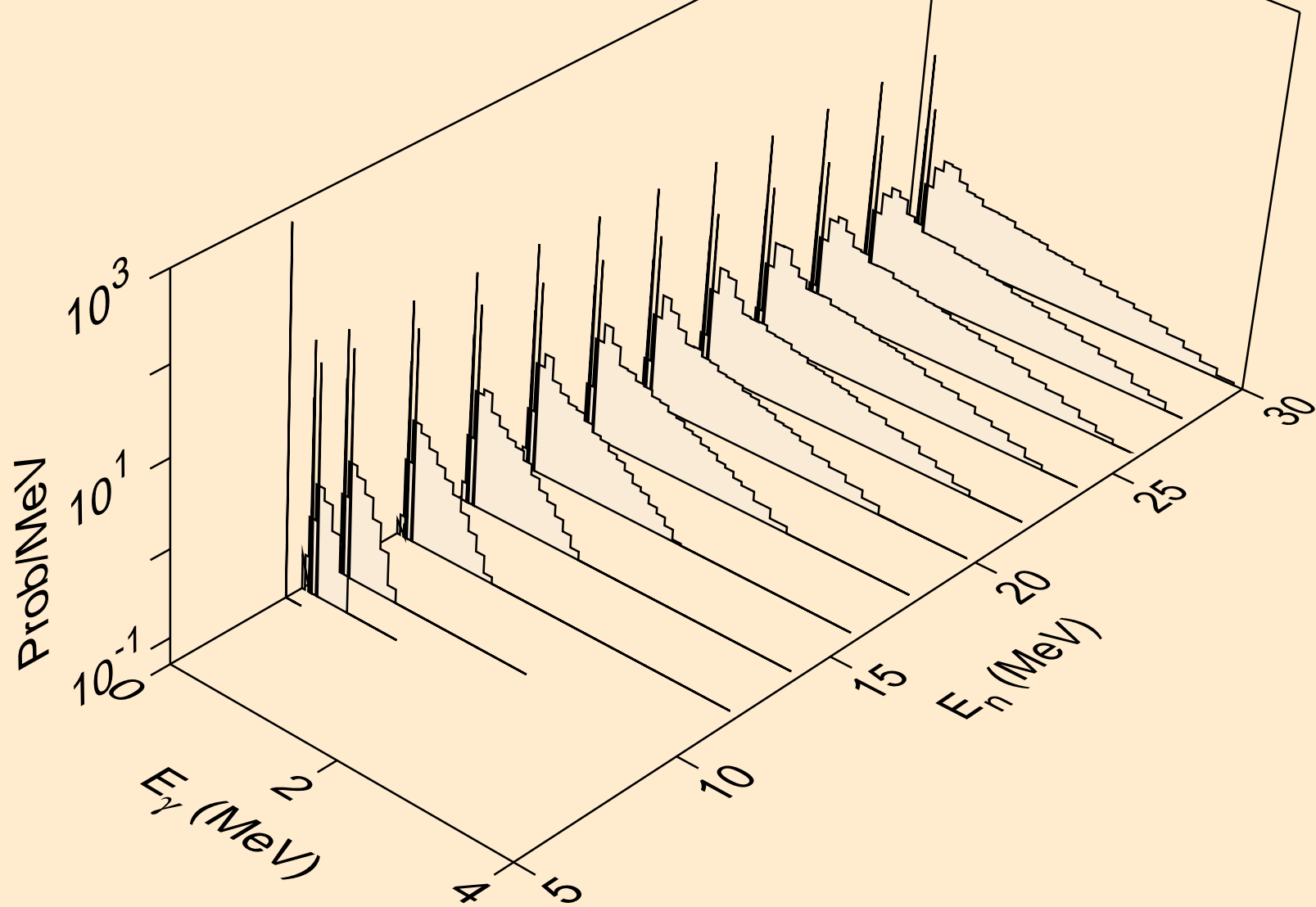
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Photon emission for (n,p)



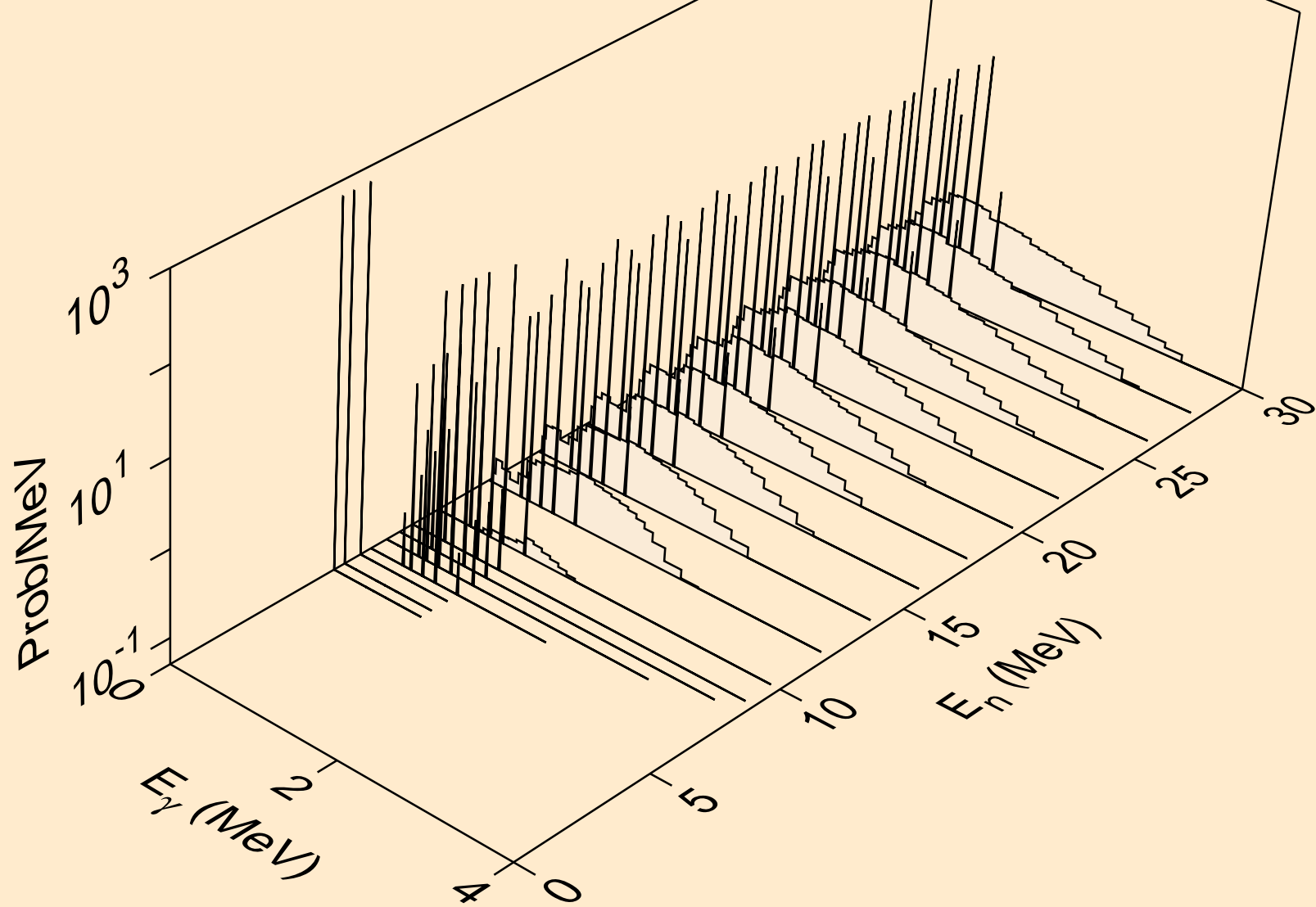
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Photon emission for (n,d)



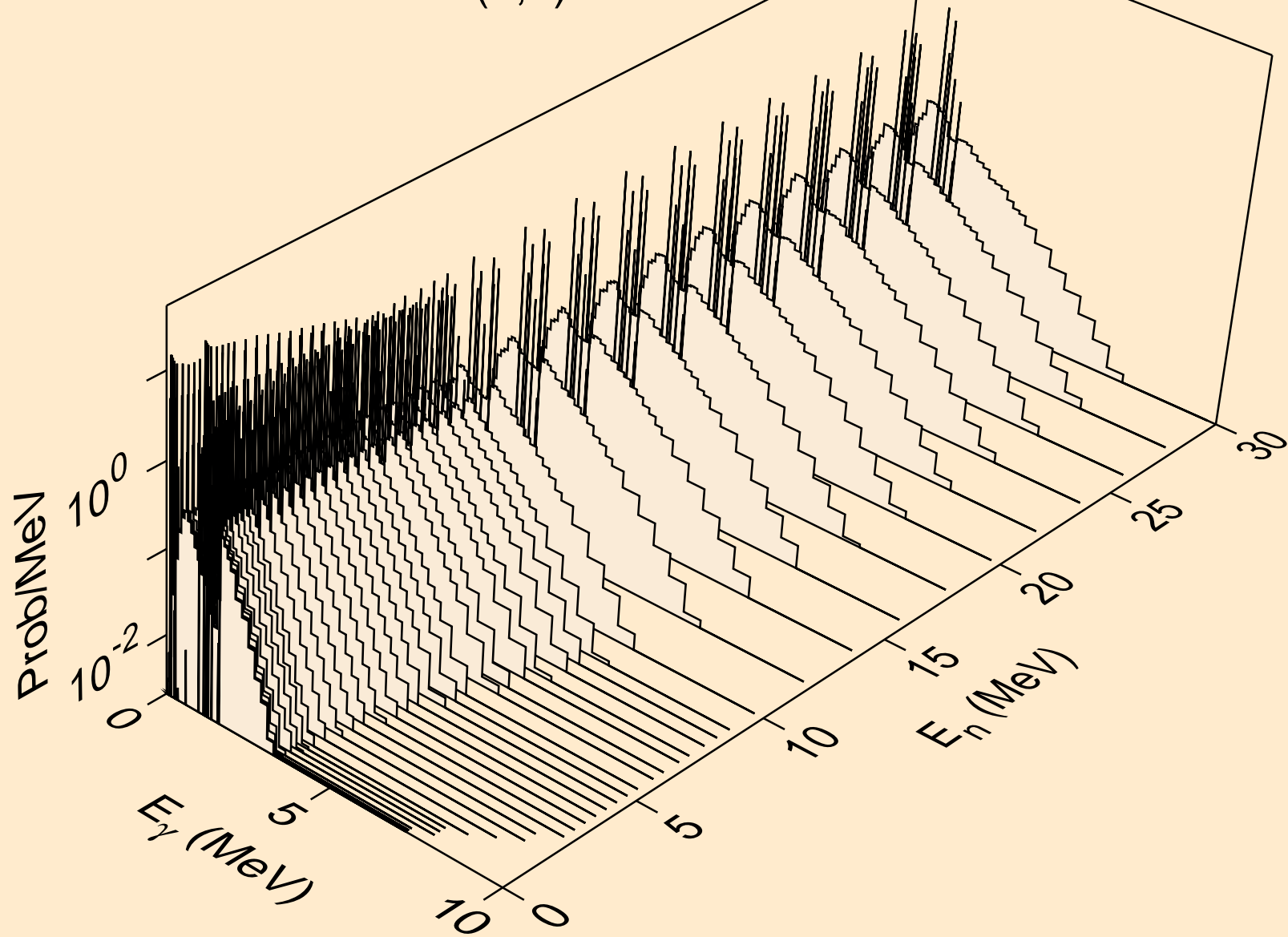
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Photon emission for (n,t)



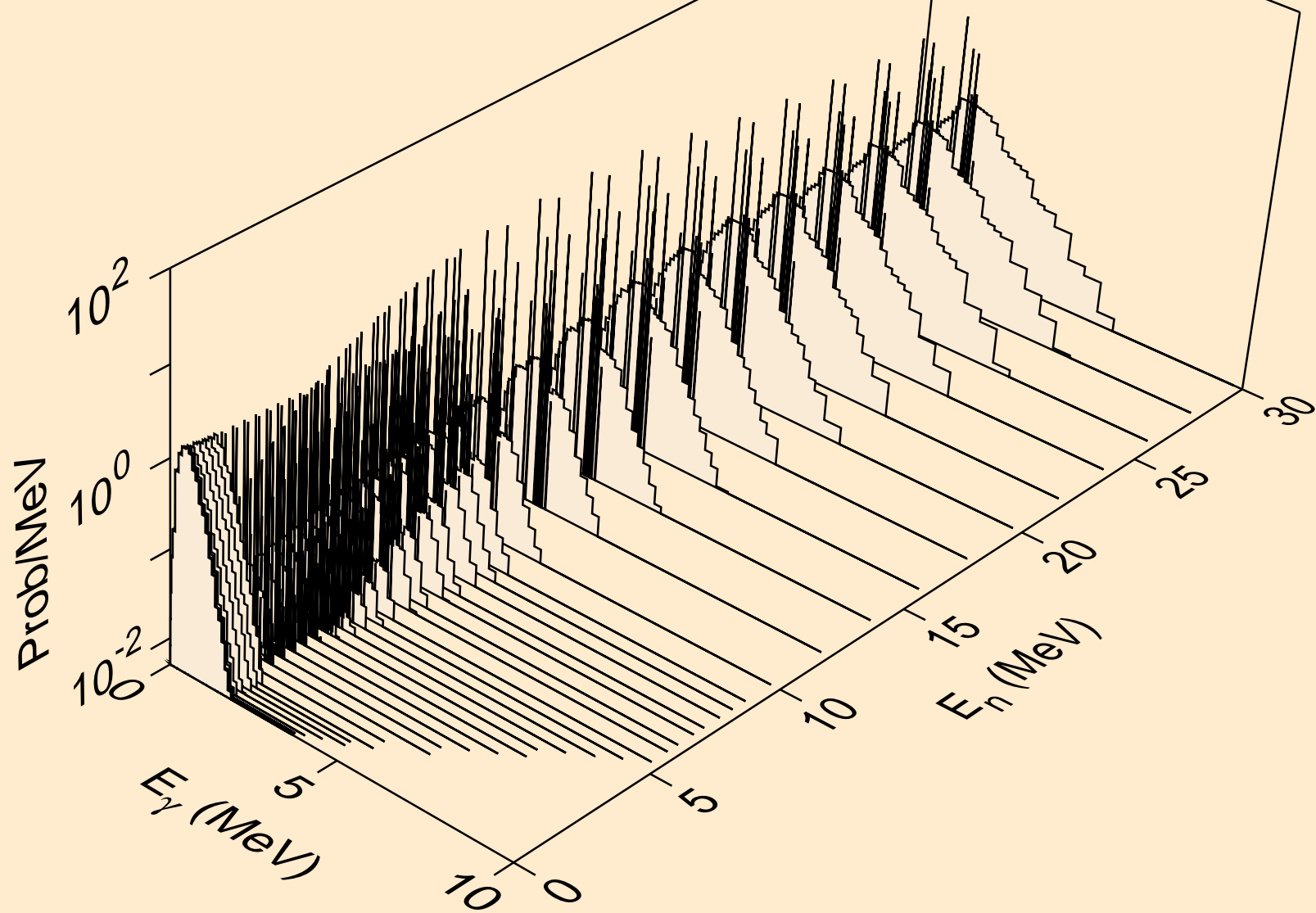
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Photon emission for (n,he3)



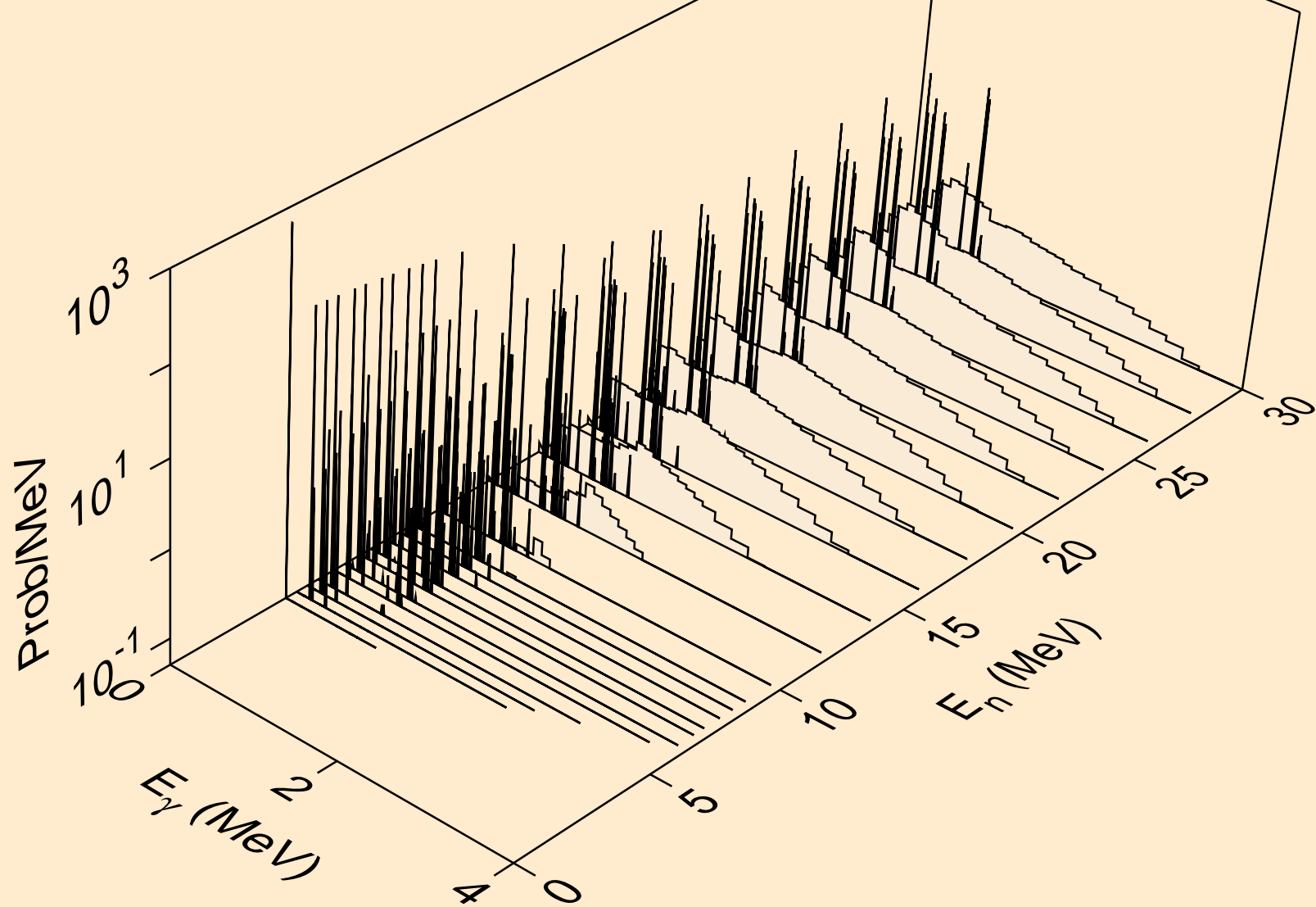
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Photon emission for (n,a)



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)

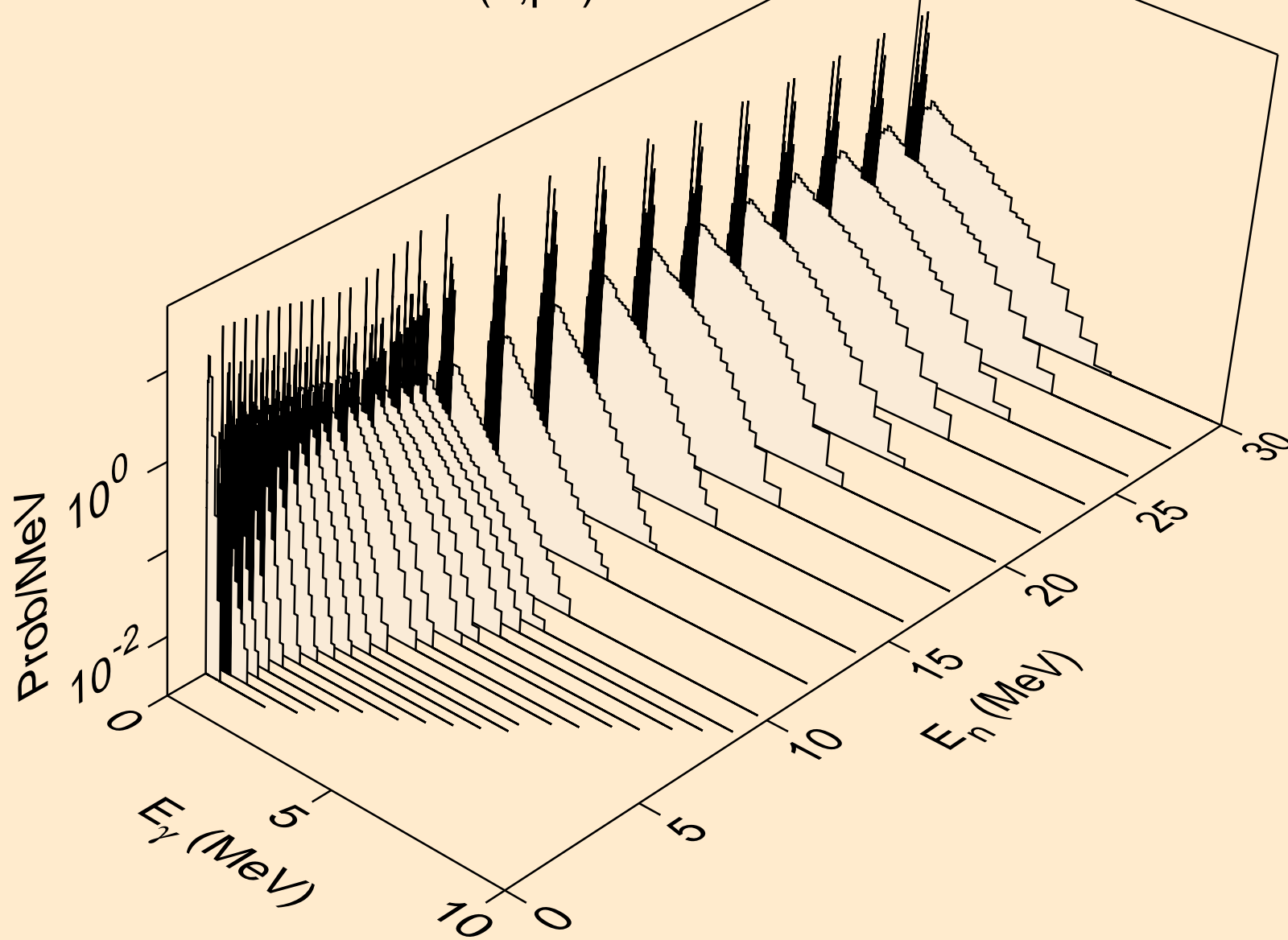


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Photon emission for (n,2p)

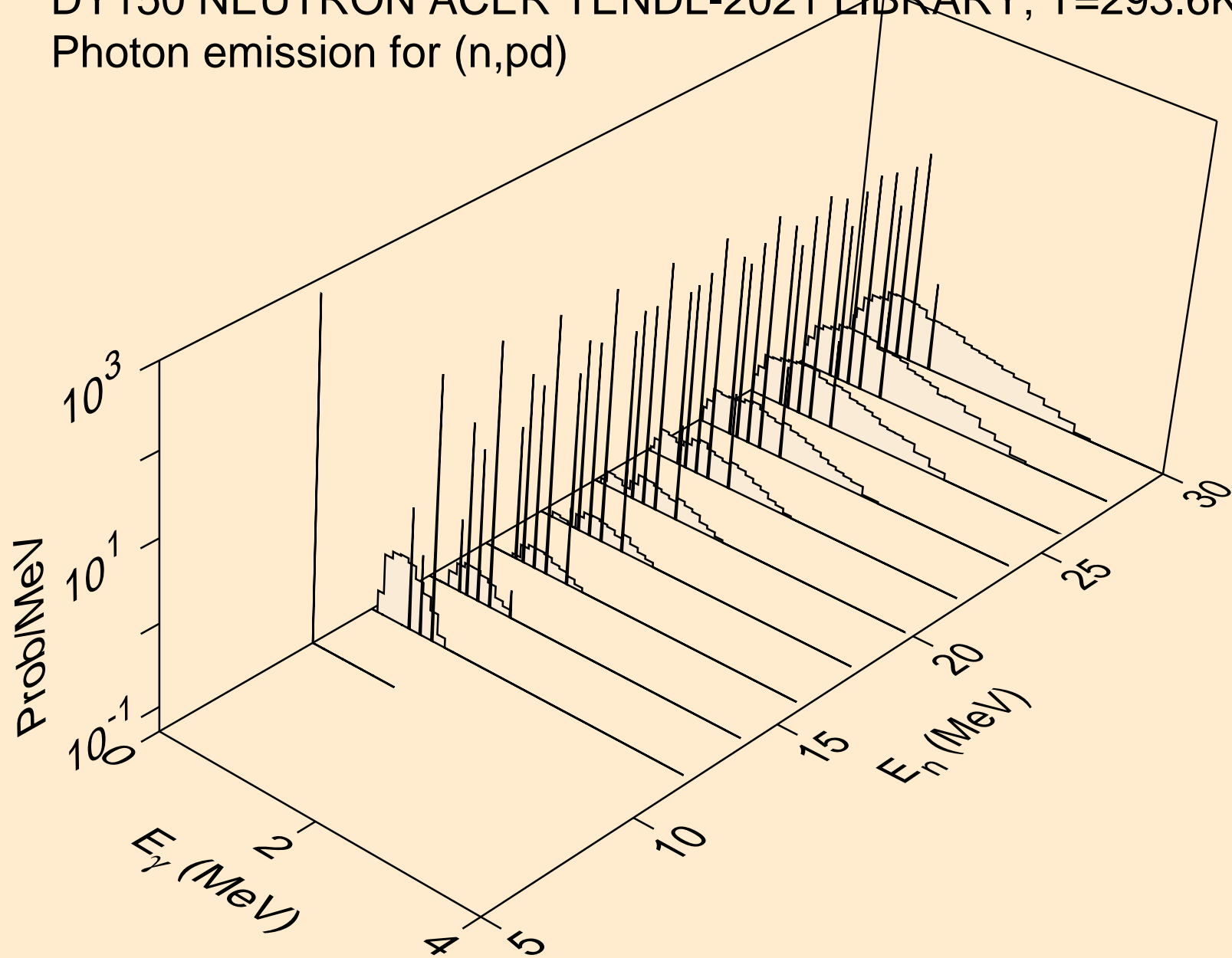




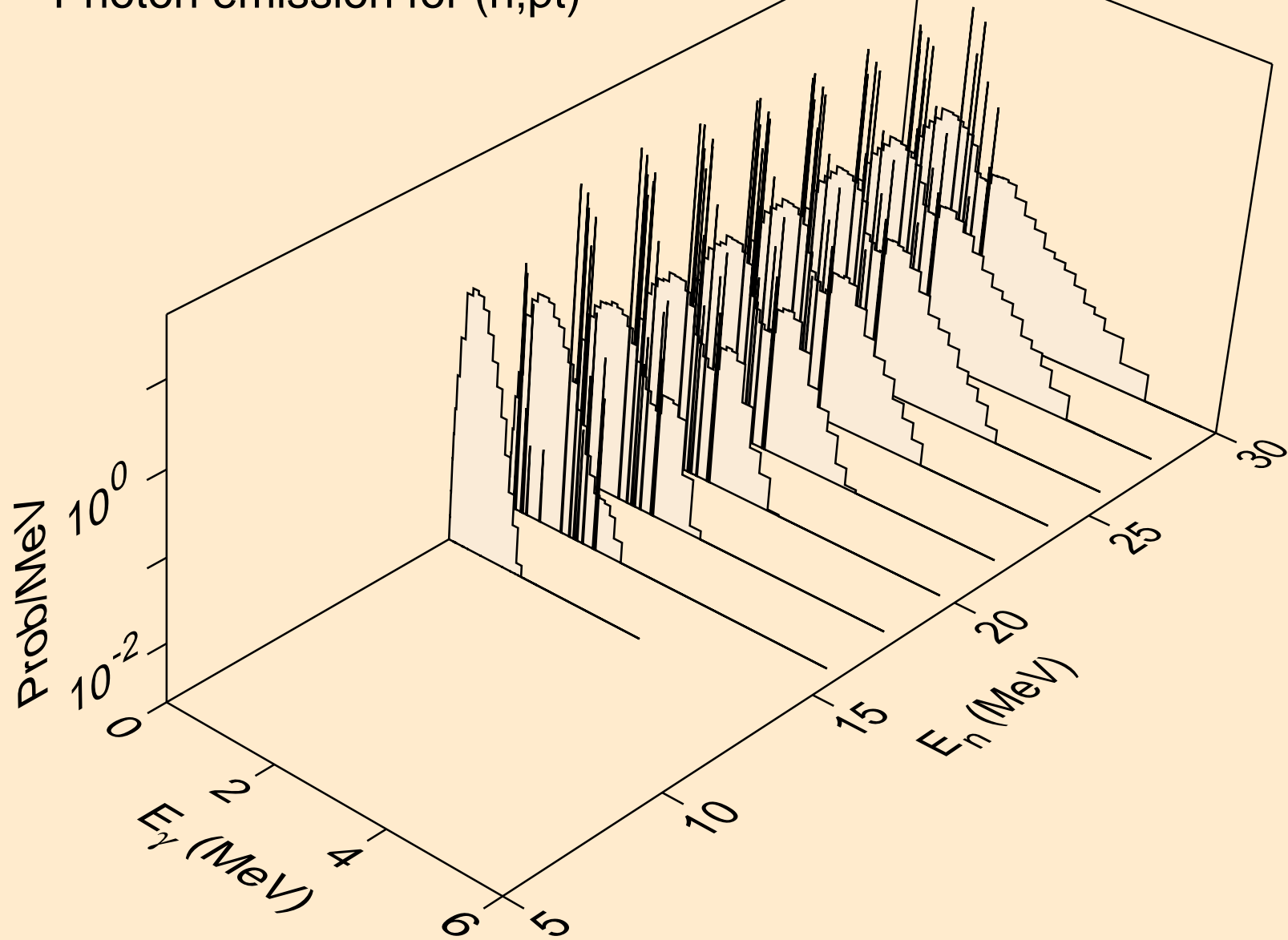
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Photon emission for (n,p $\alpha$ )



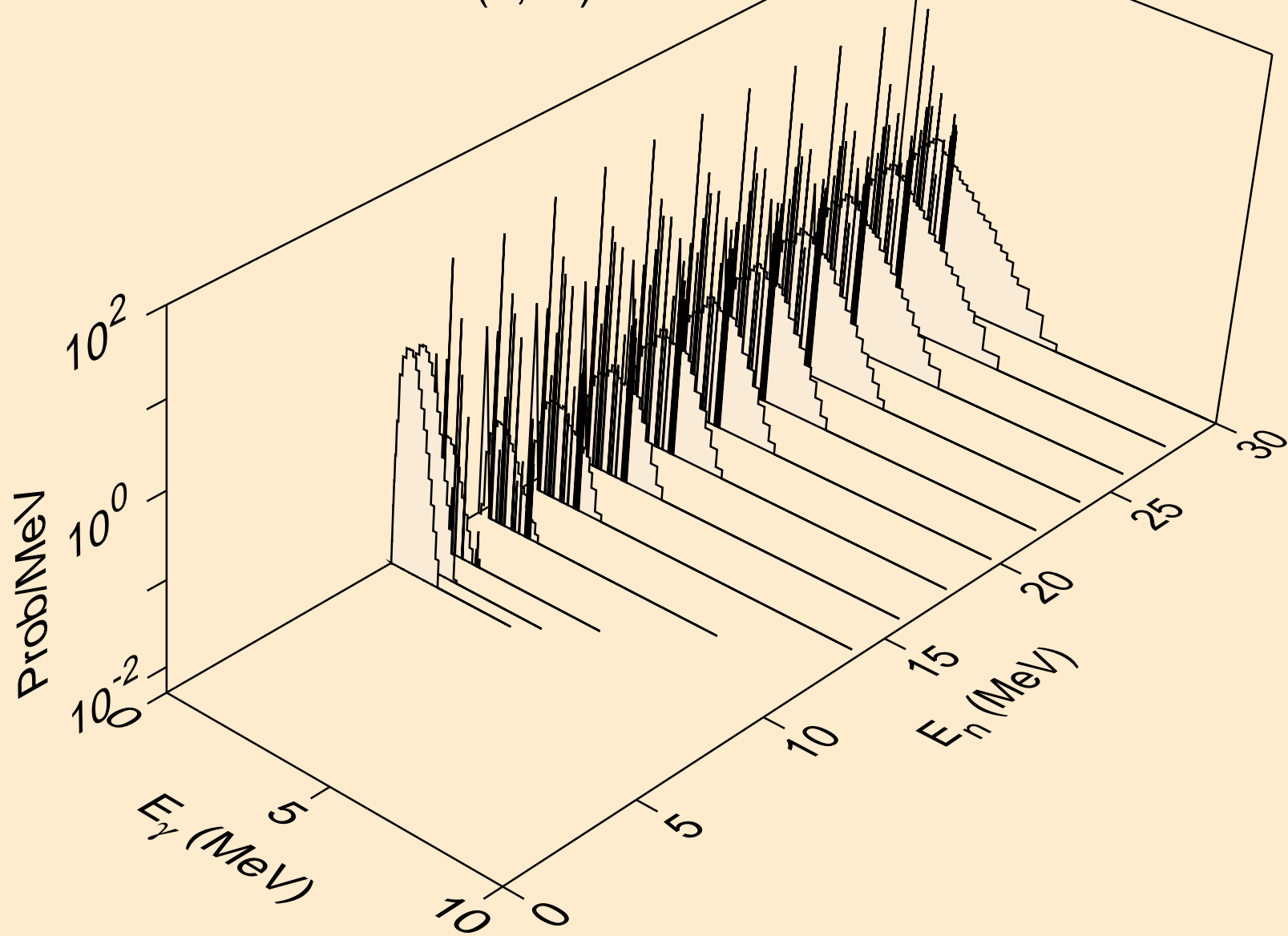
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Photon emission for (n,pd)



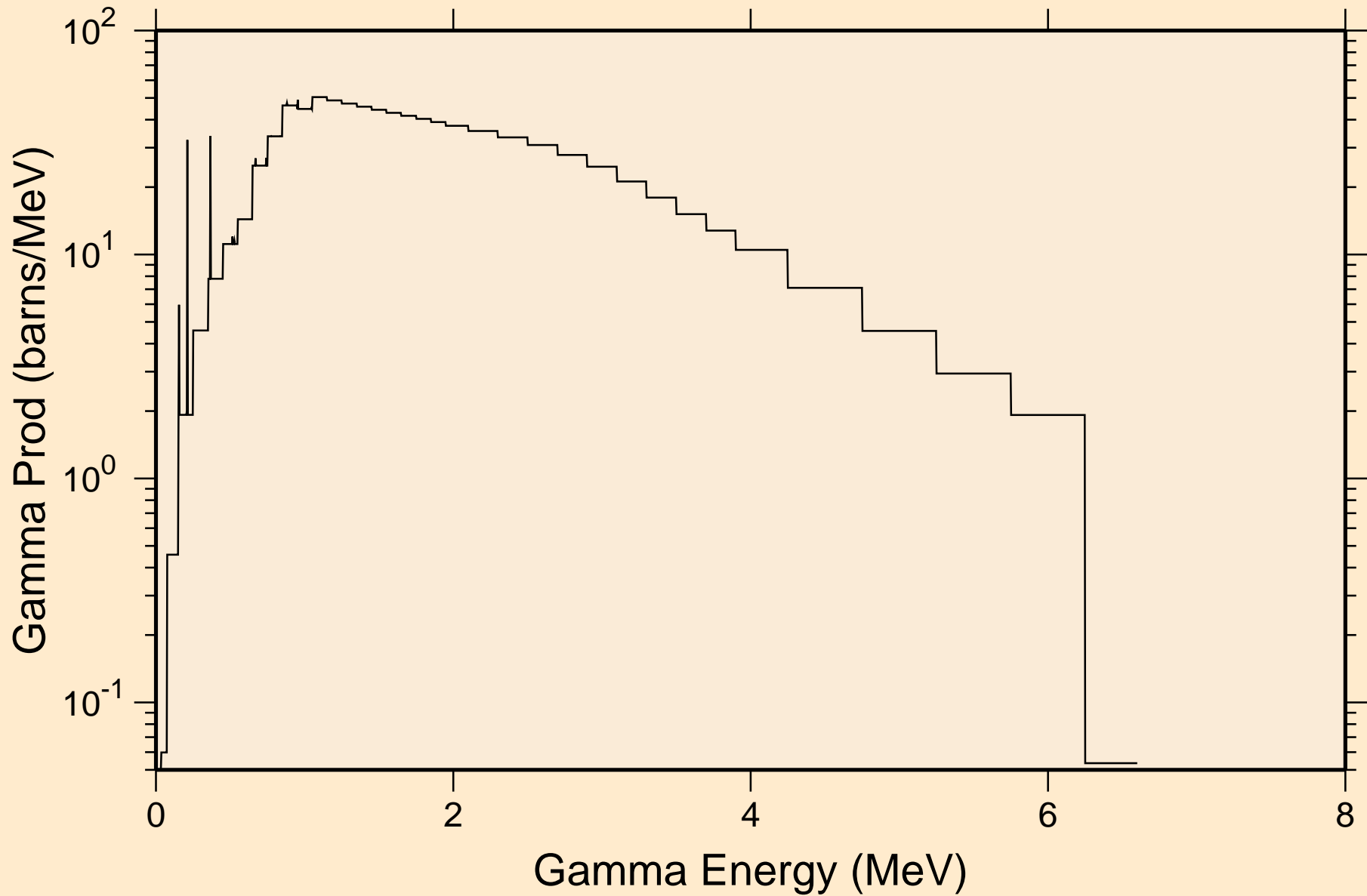
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Photon emission for (n,pt)



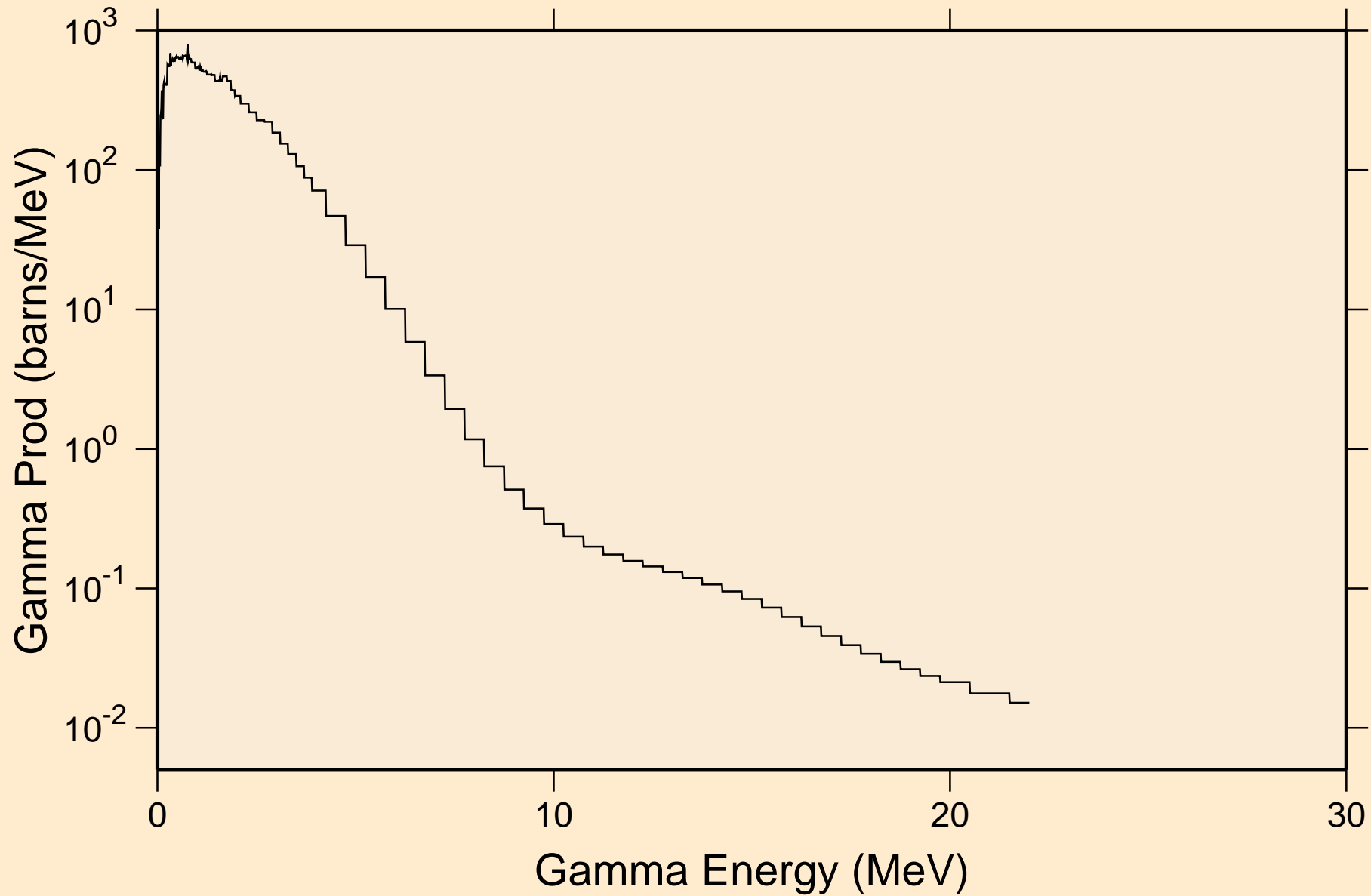
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Photon emission for (n,da)



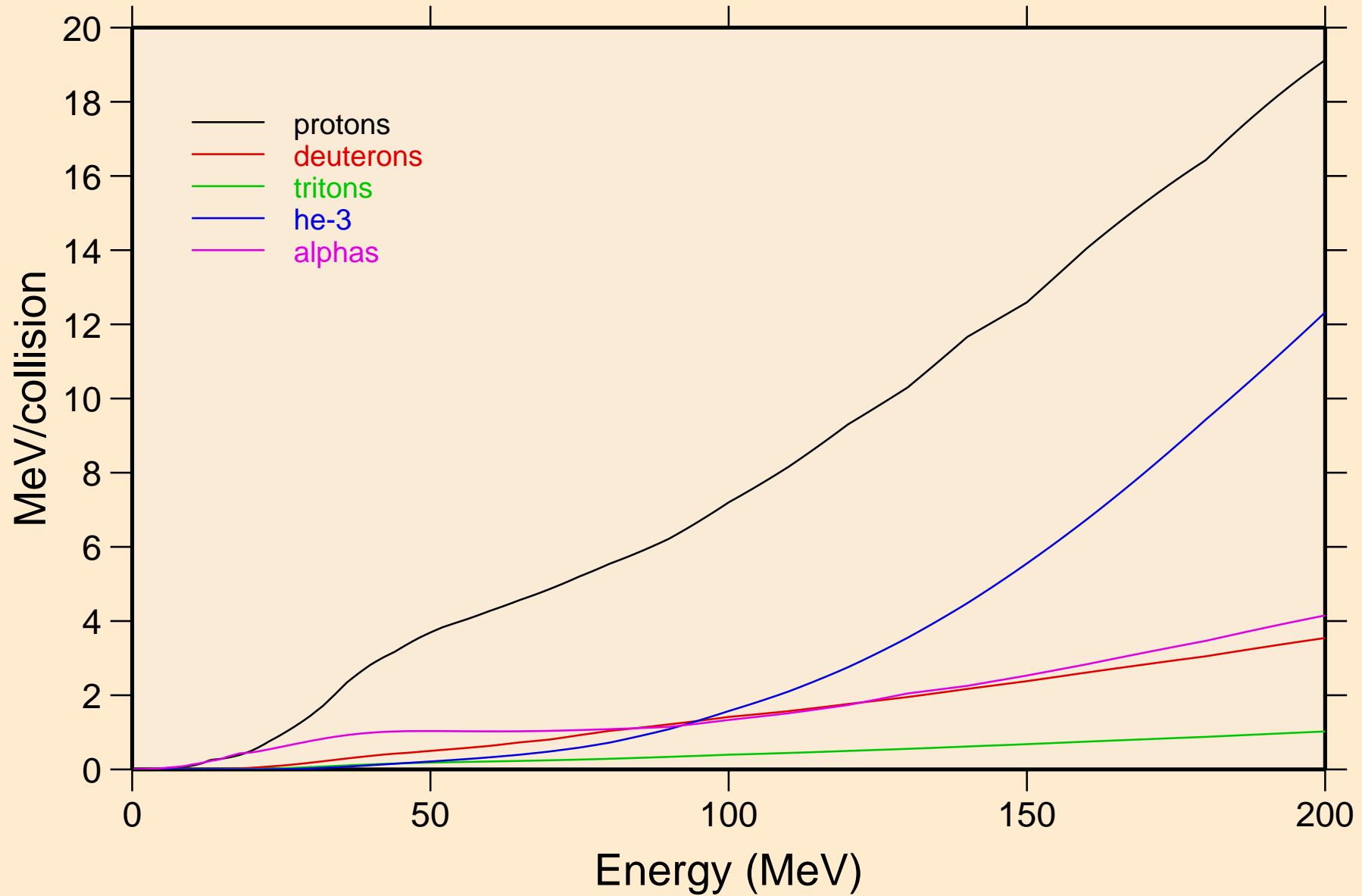
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thermal capture photon spectrum



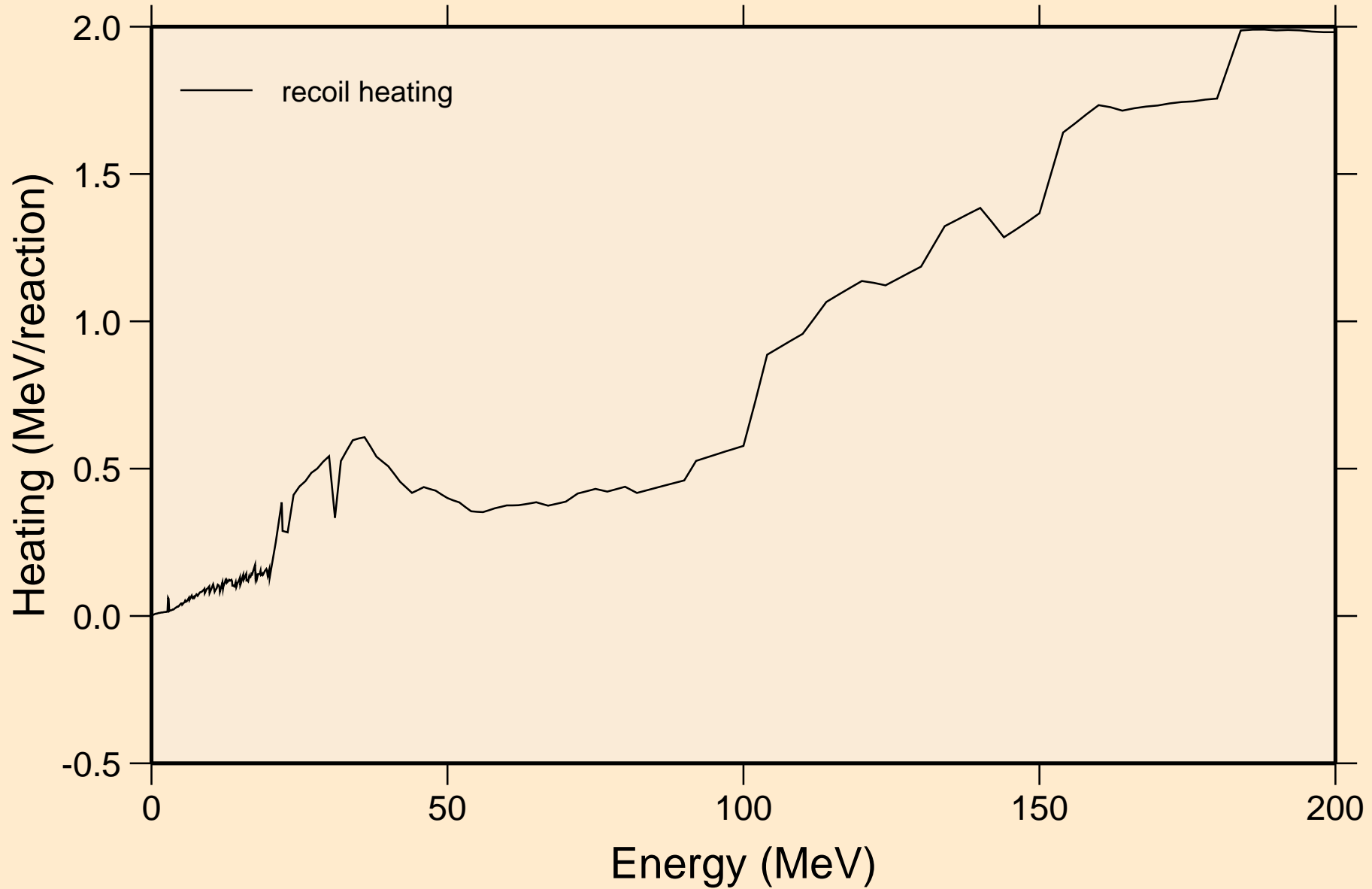
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14 MeV photon spectrum



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions

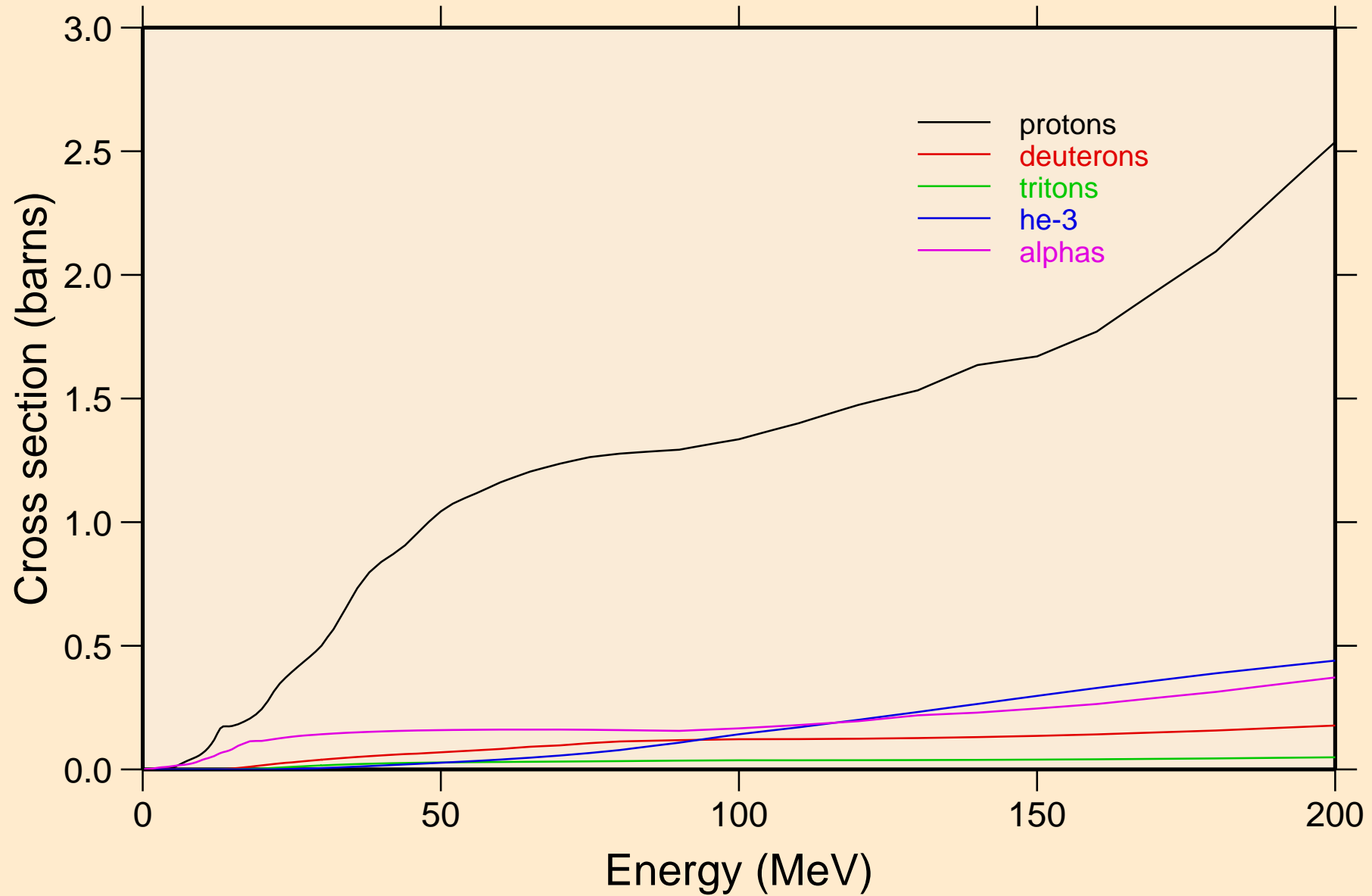


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Recoil Heating

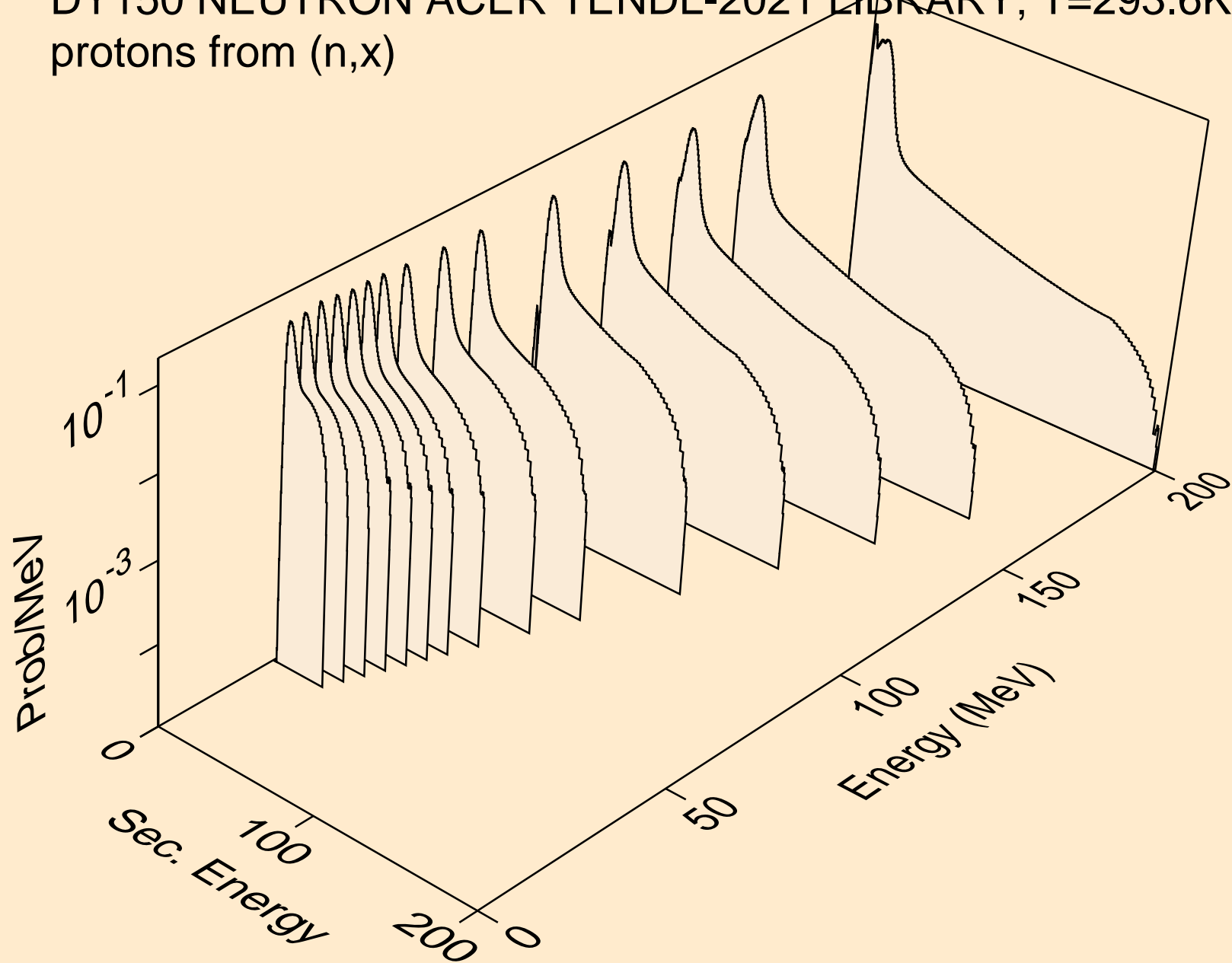




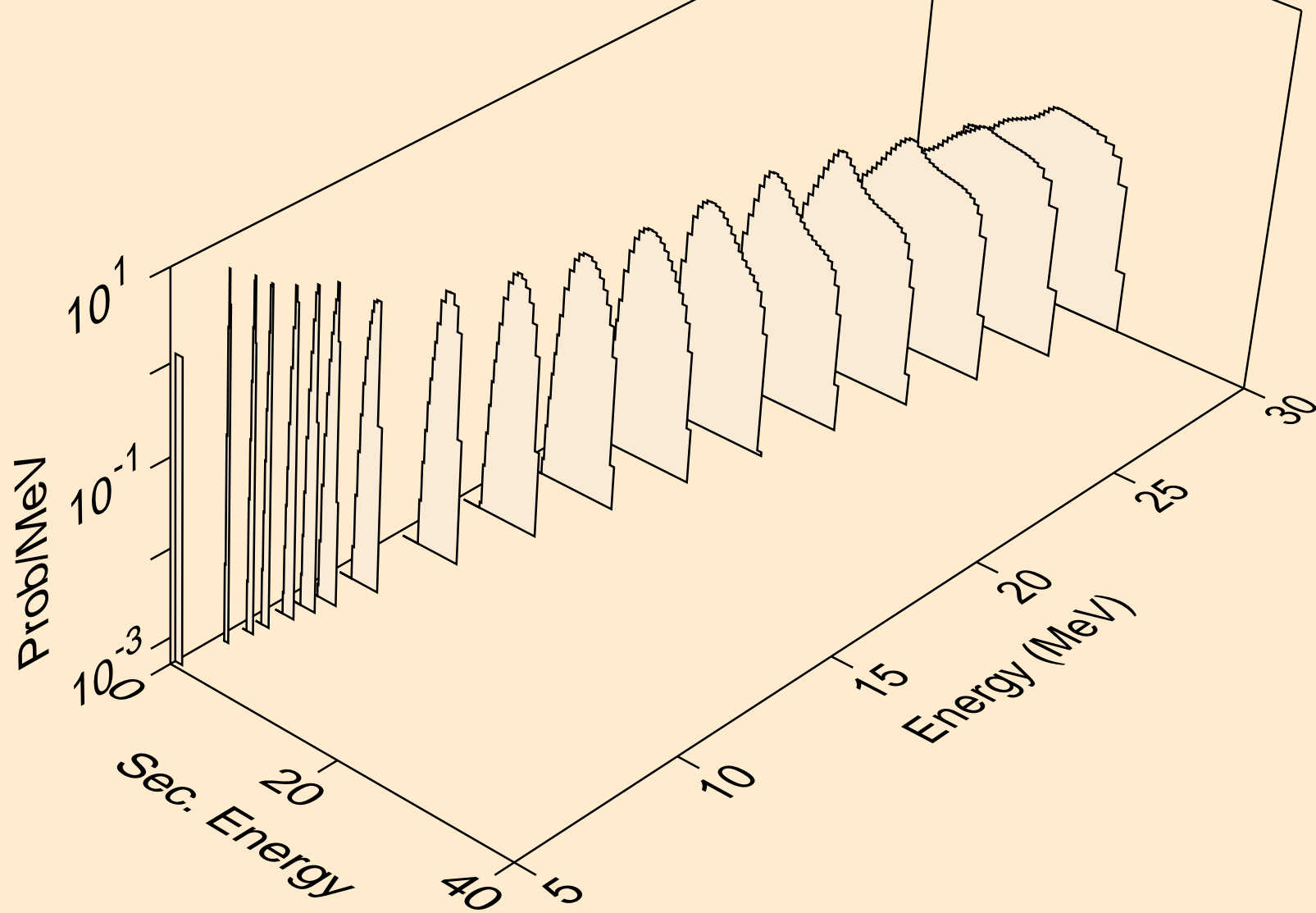
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Particle production cross sections



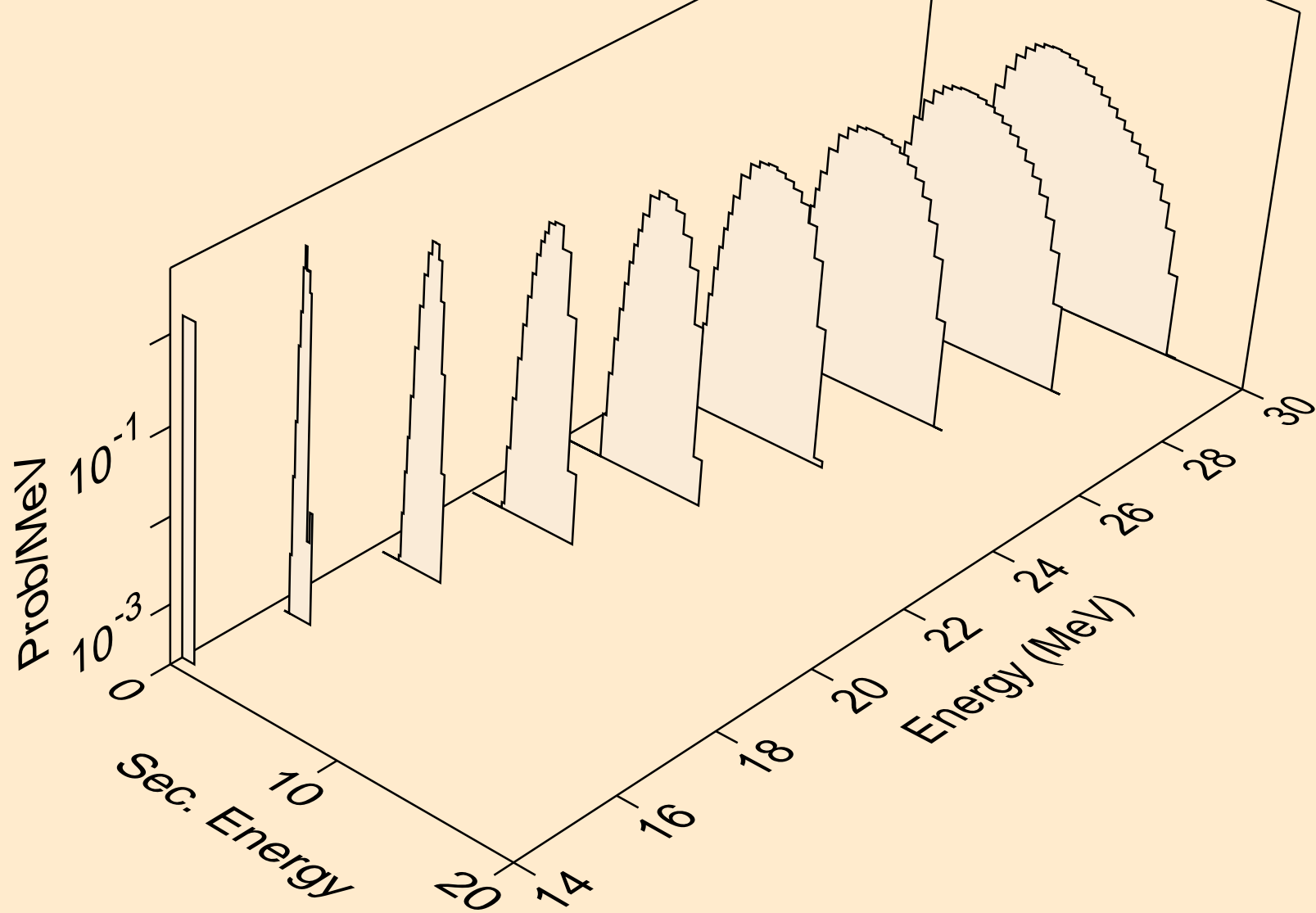
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protons from (n,x)



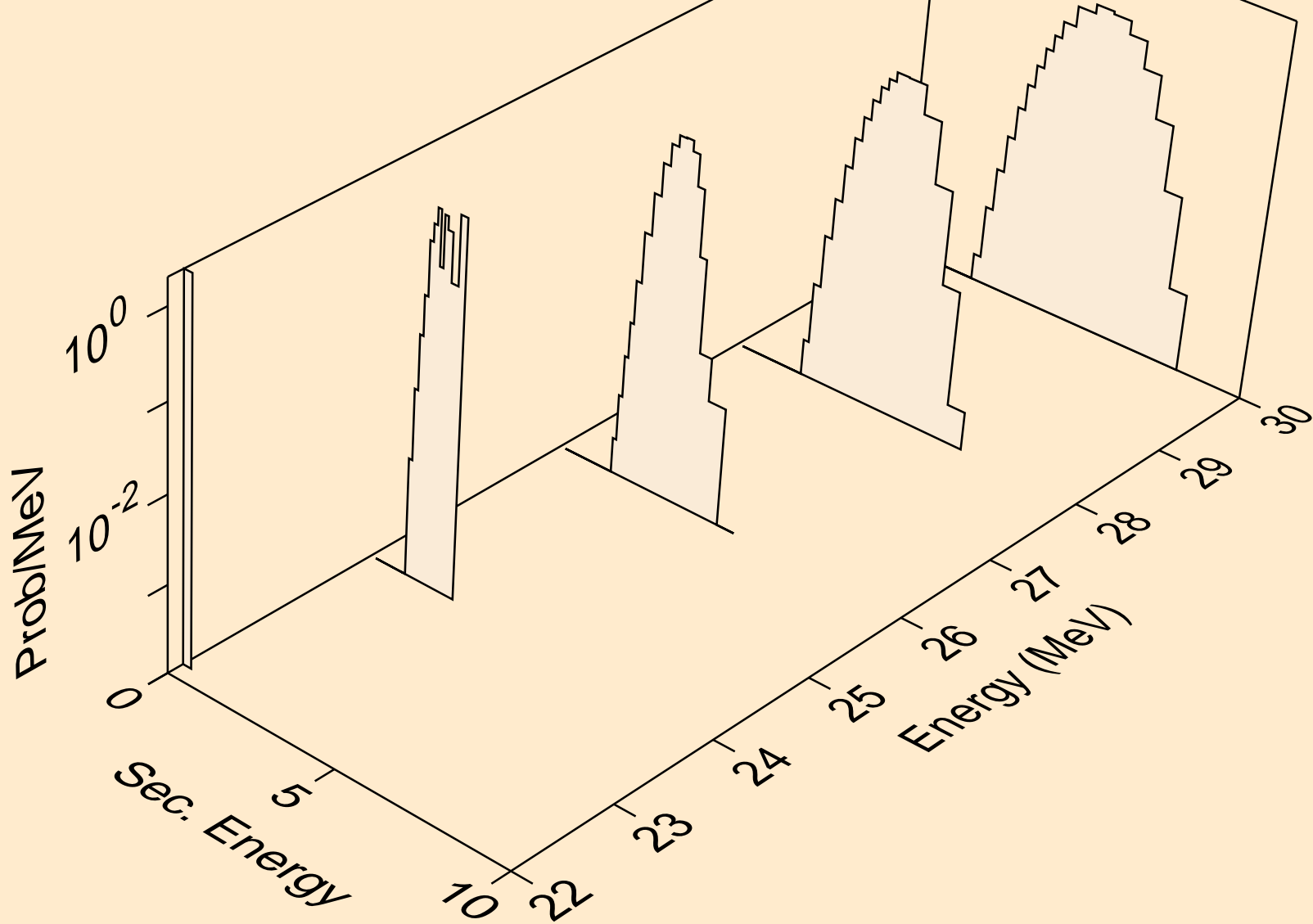
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protons from (n,n\*)p



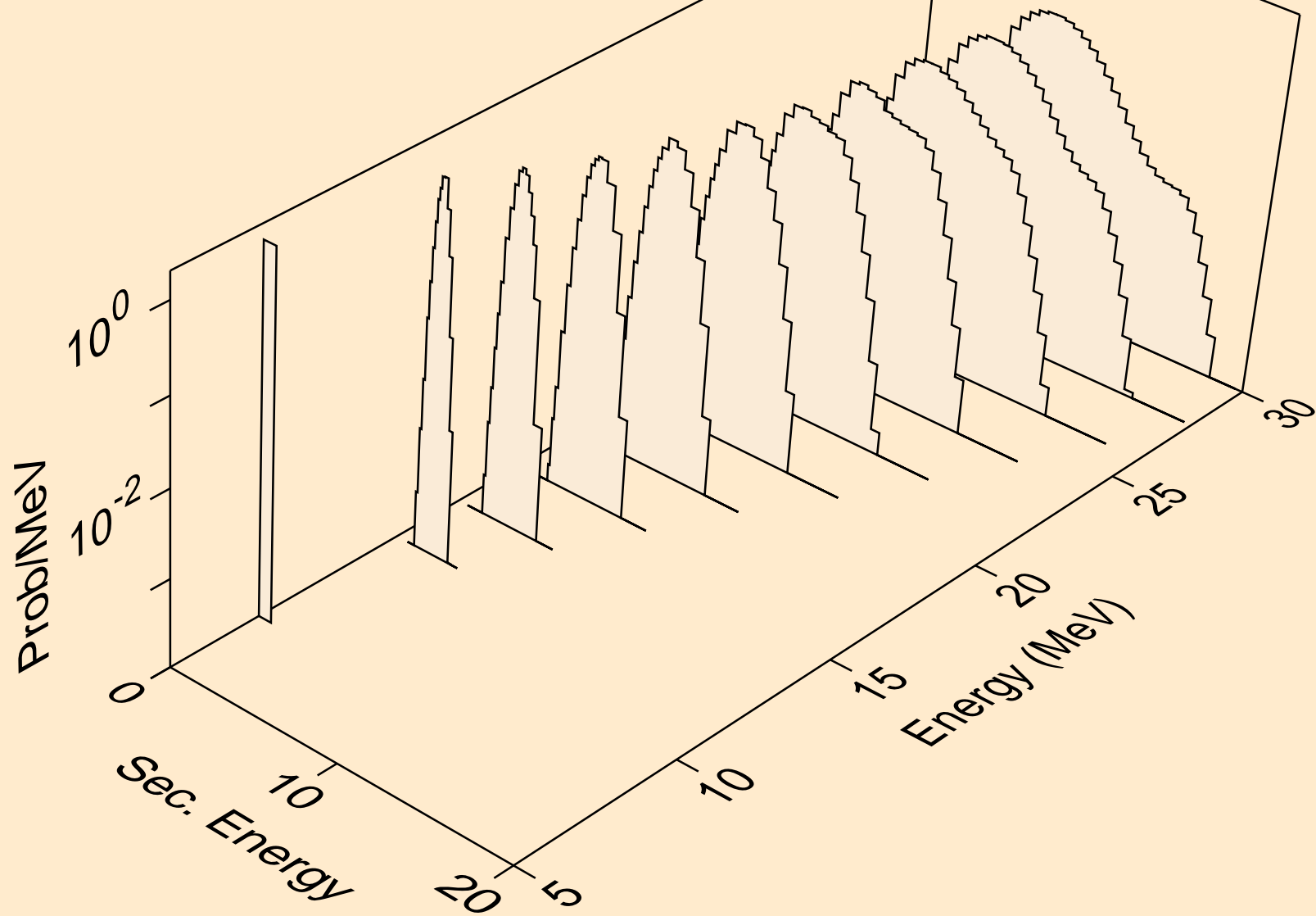
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protons from (n,2np)



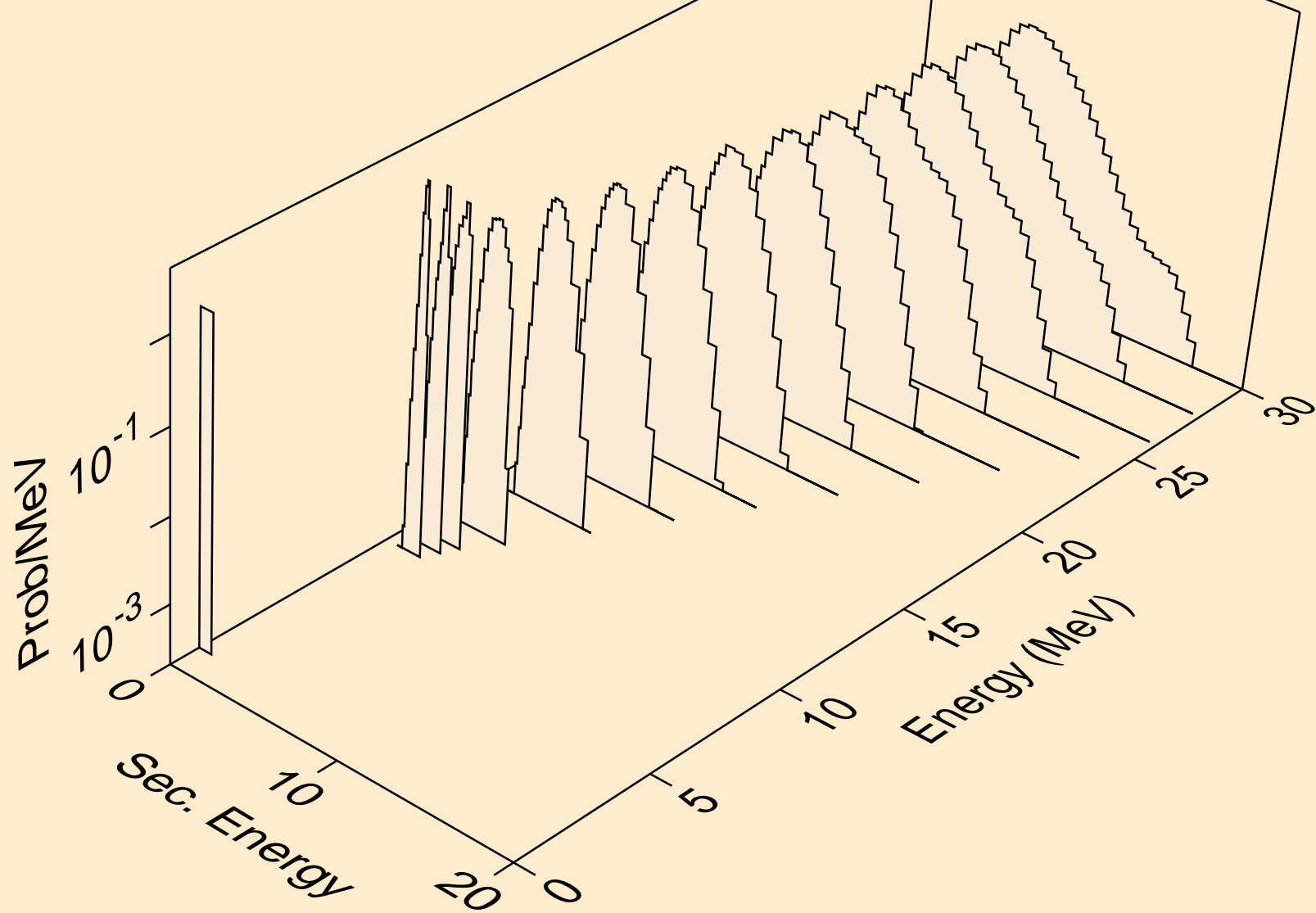
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protons from (n,3np)



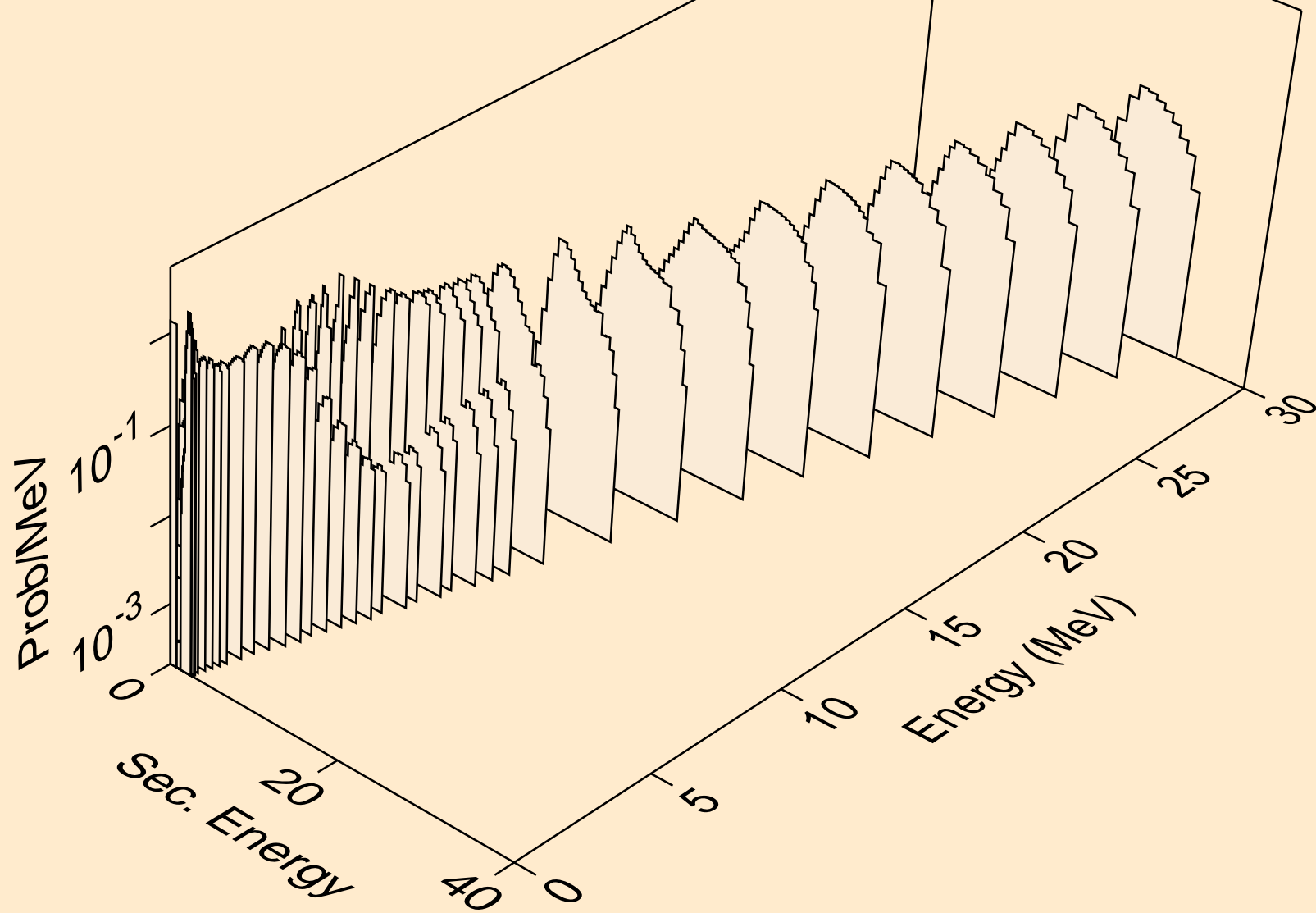
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protons from (n,2np)



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protons from (n,npa)

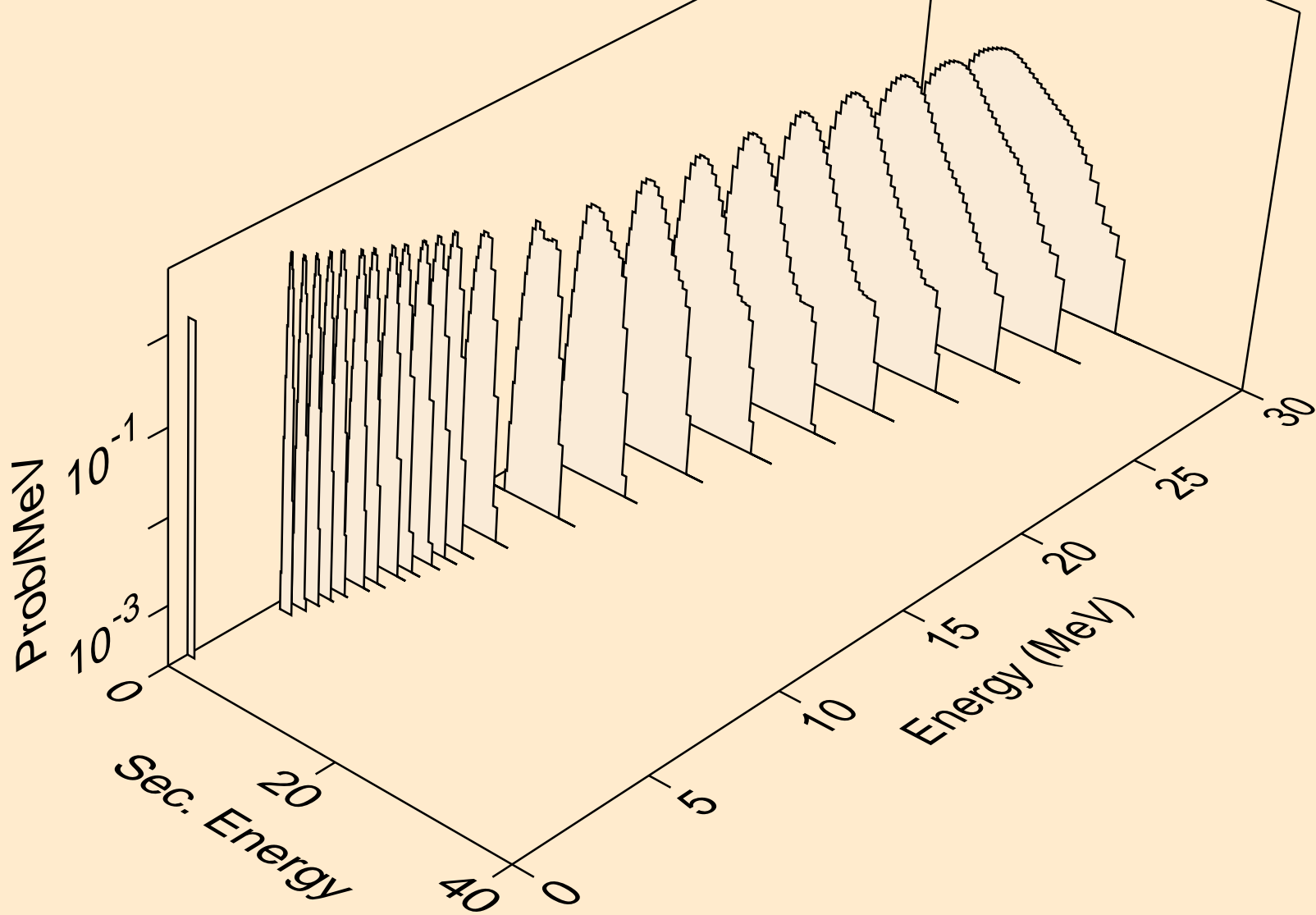


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protons from (n,p)

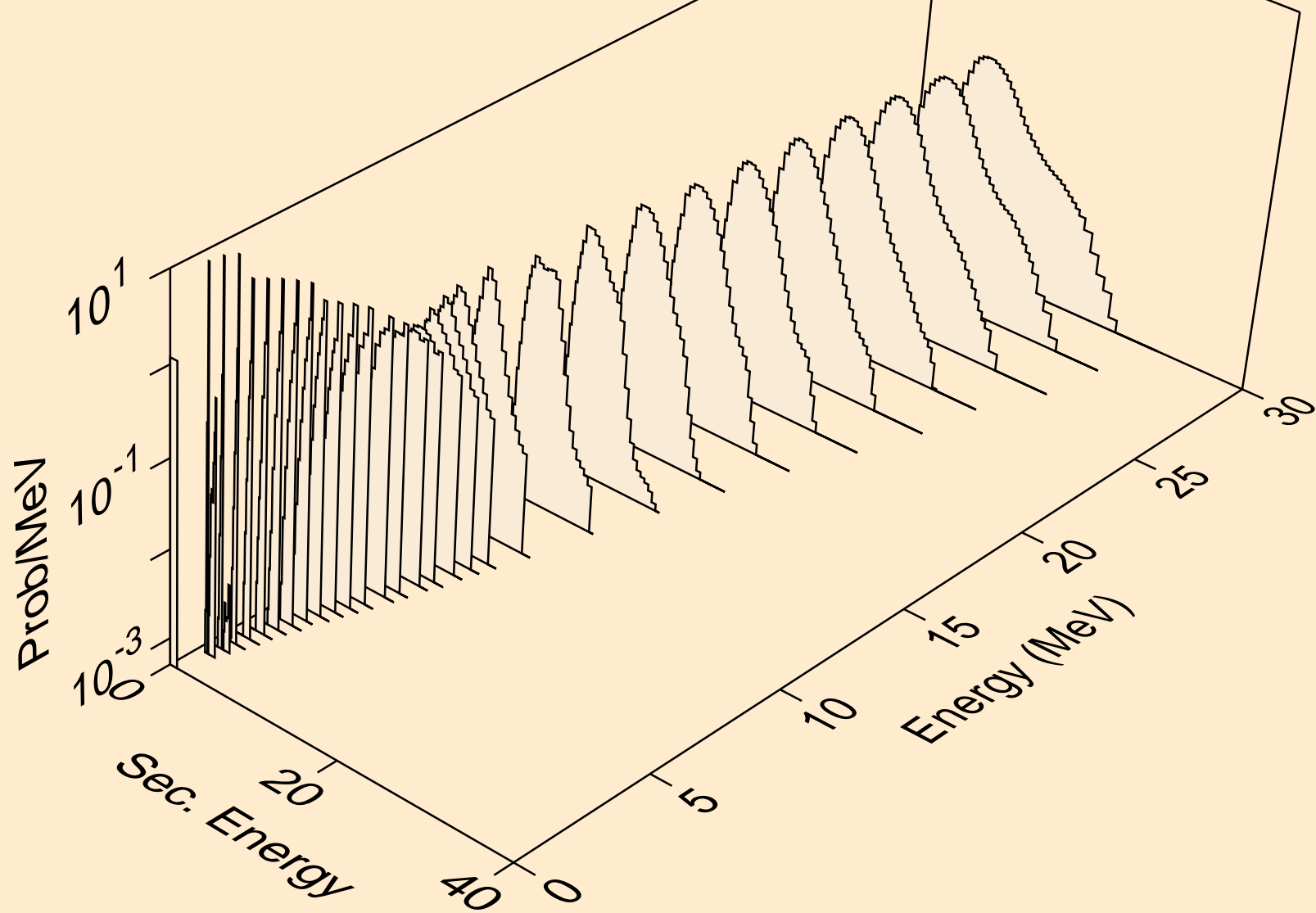




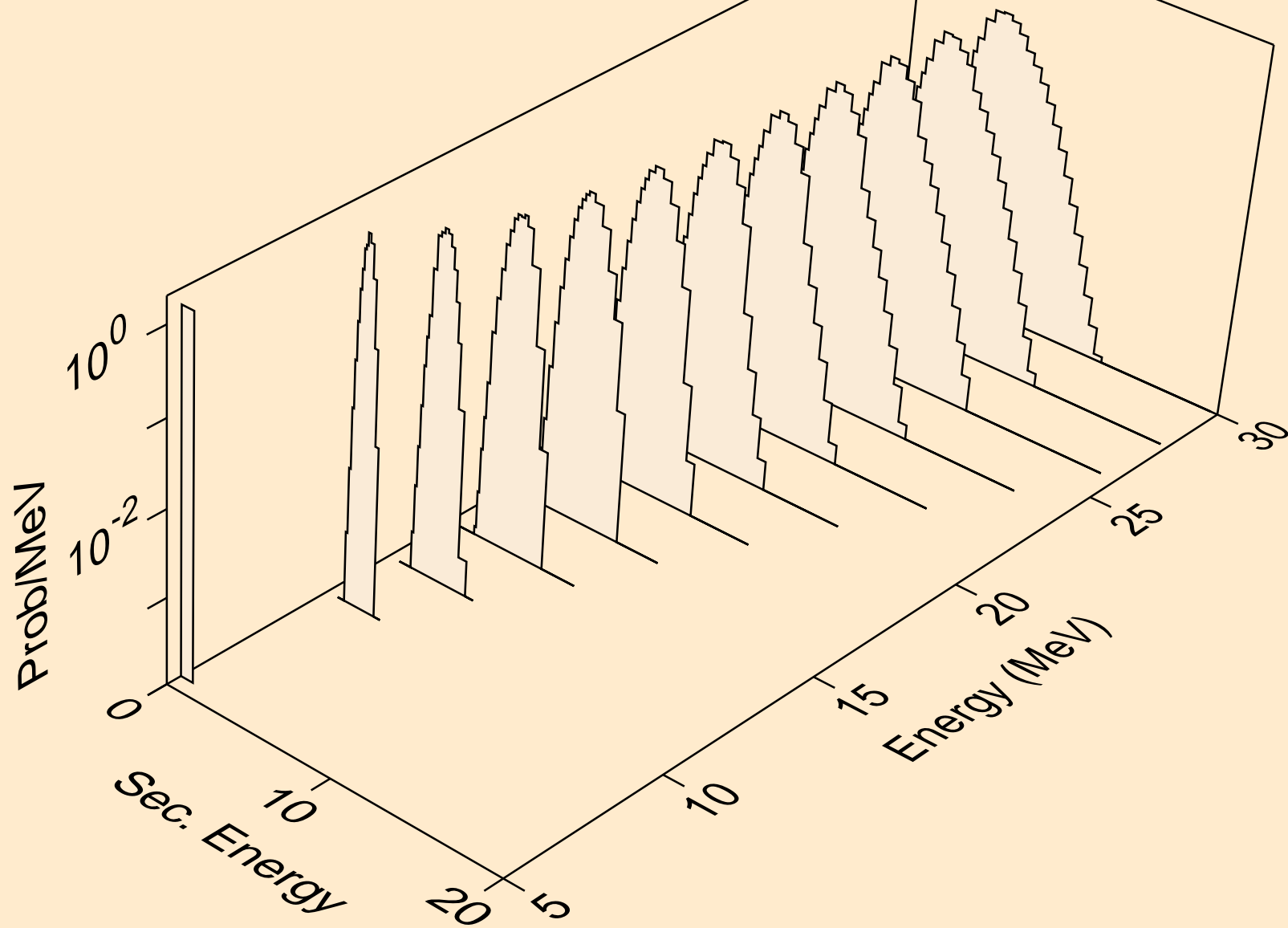
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protons from (n,2p)



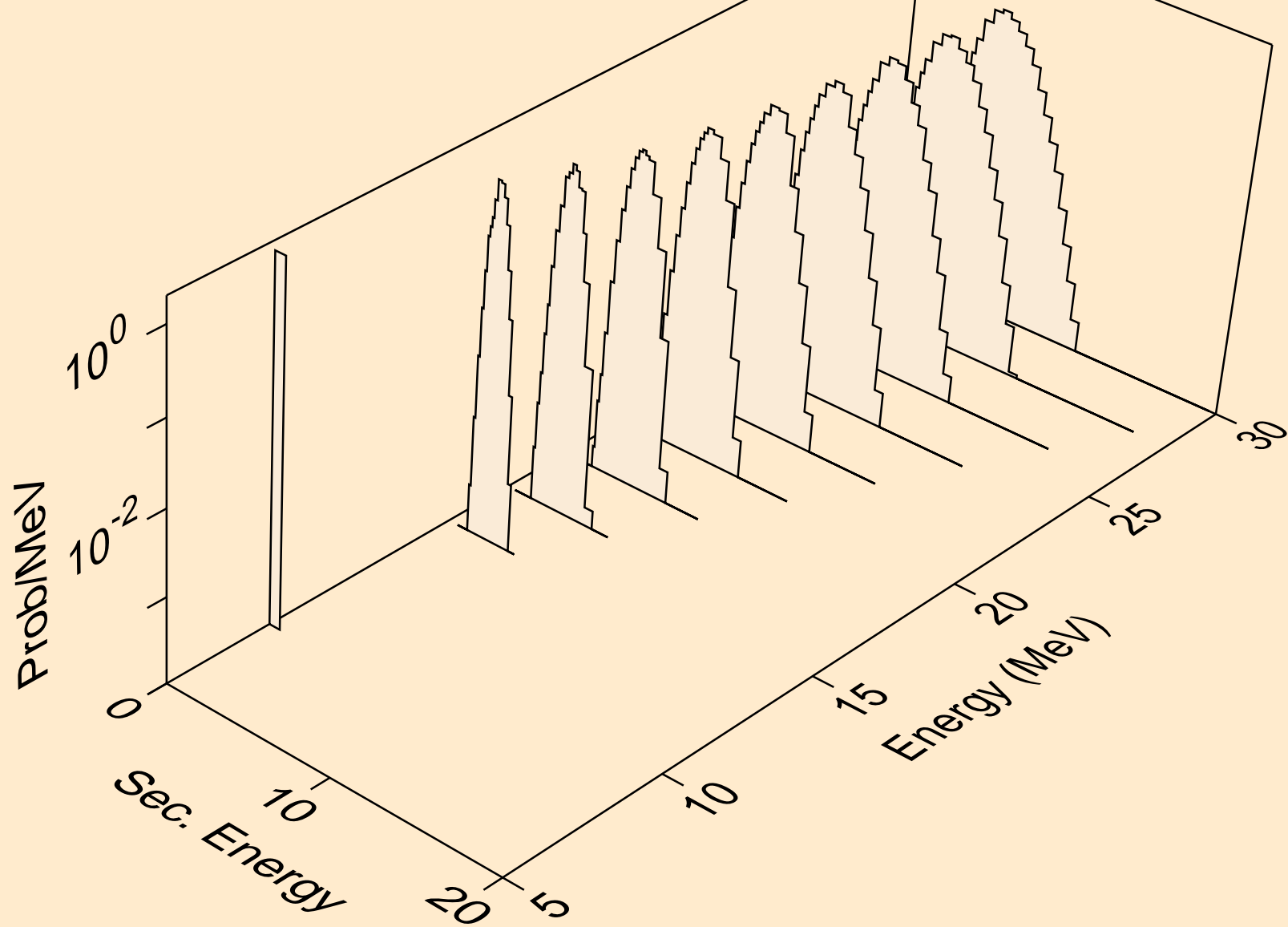
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protons from (n,p)



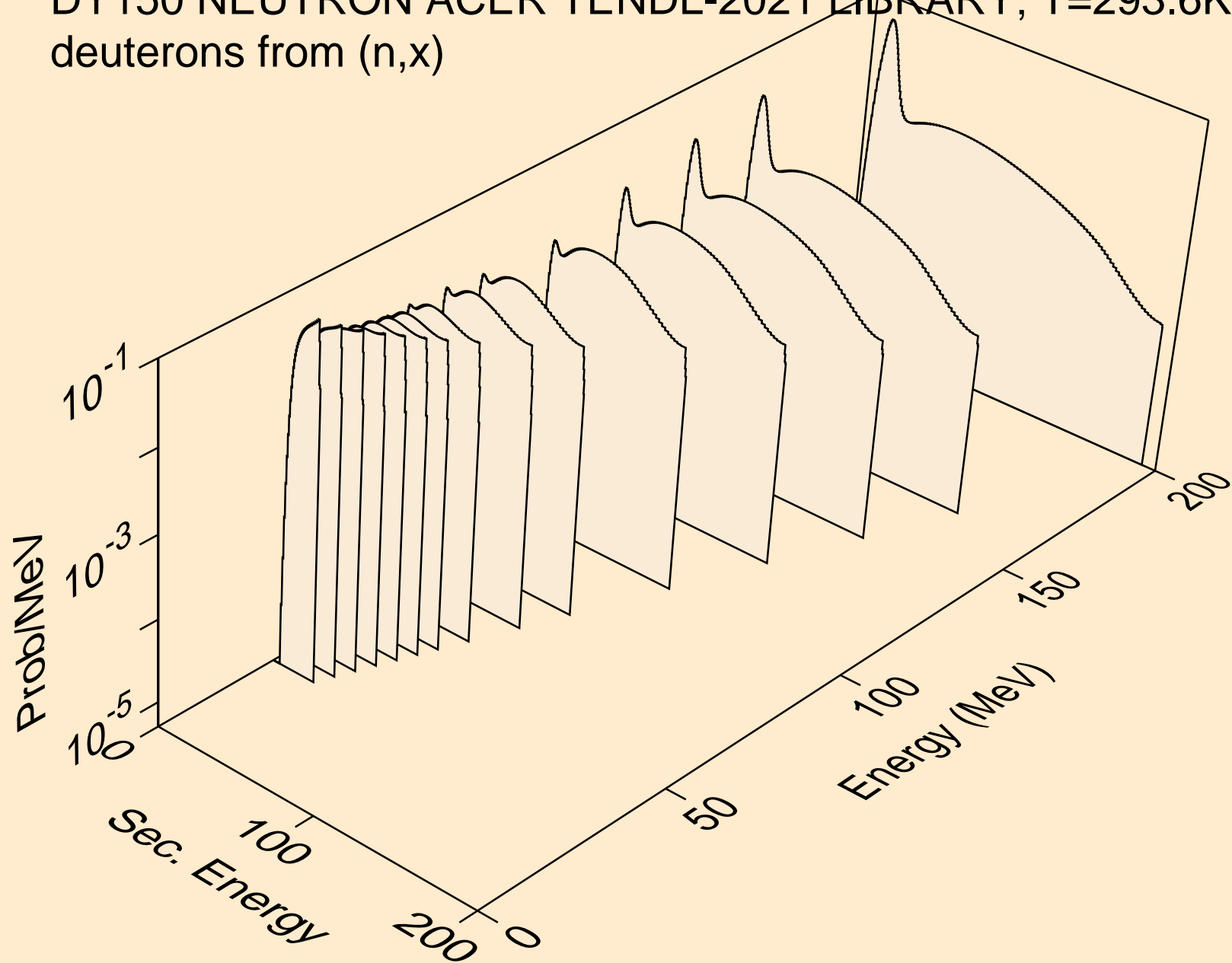
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protons from (n,pd)



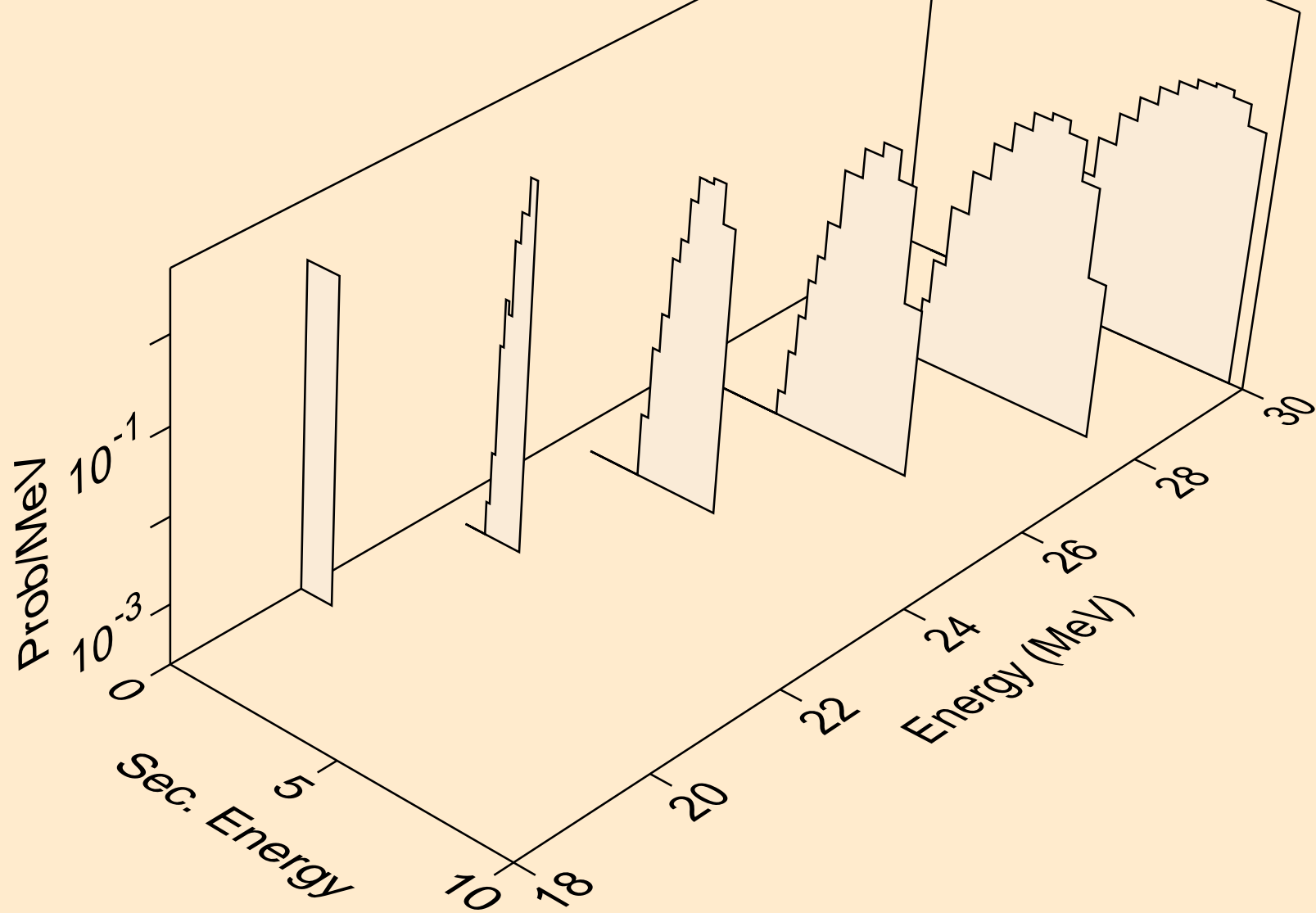
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protons from (n,pt)



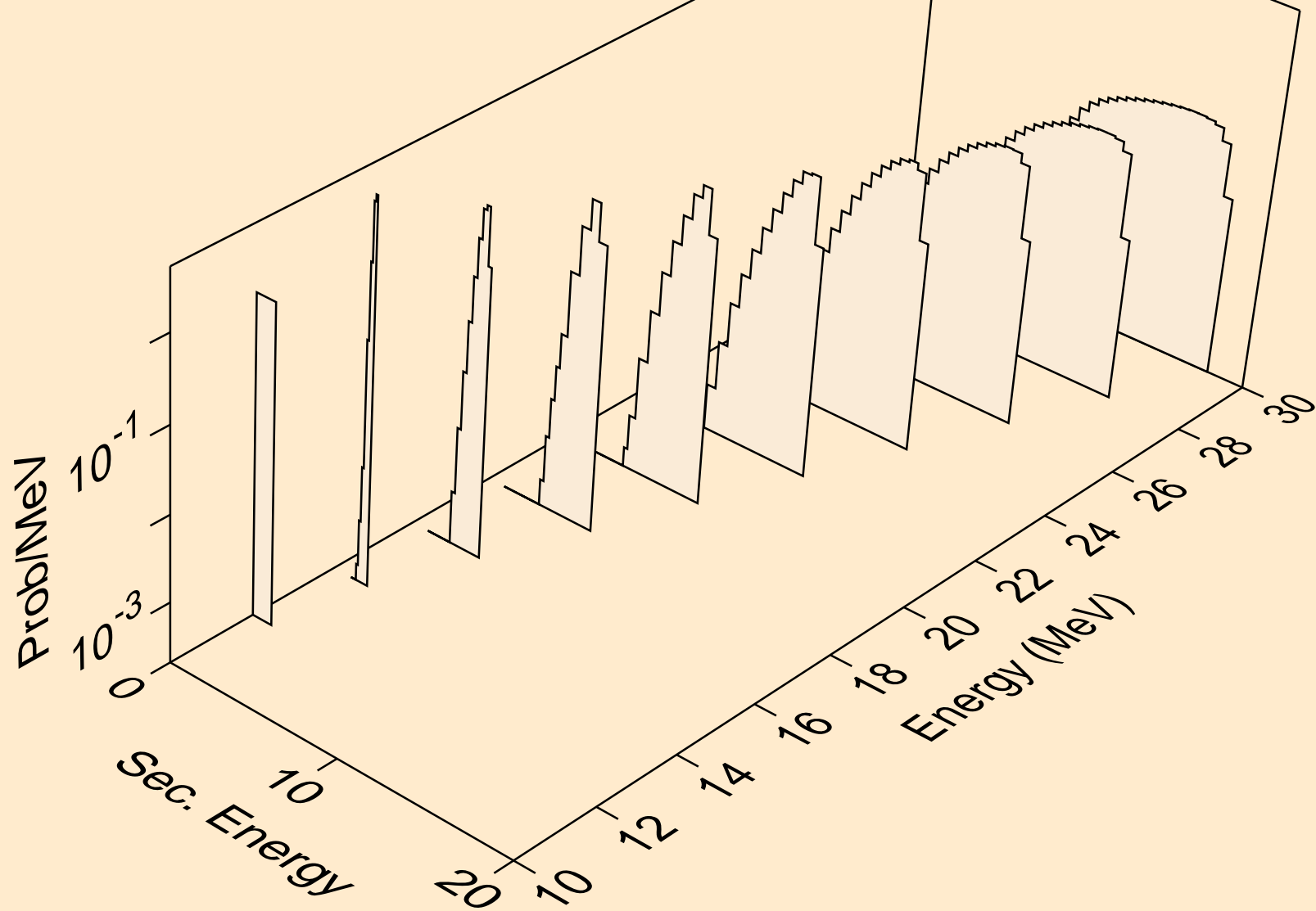
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deuterons from (n,x)



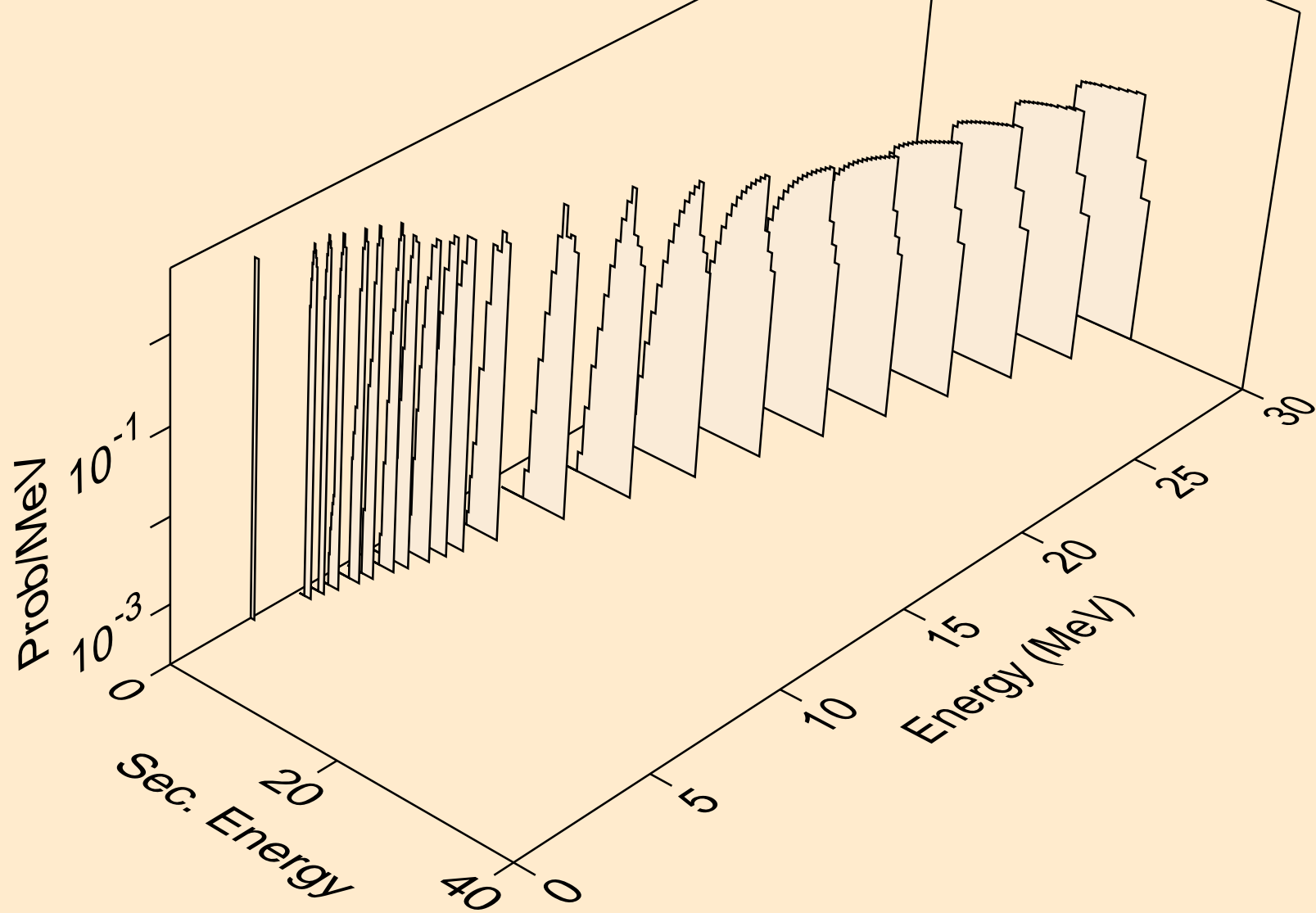
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deuterons from (n,2nd)



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

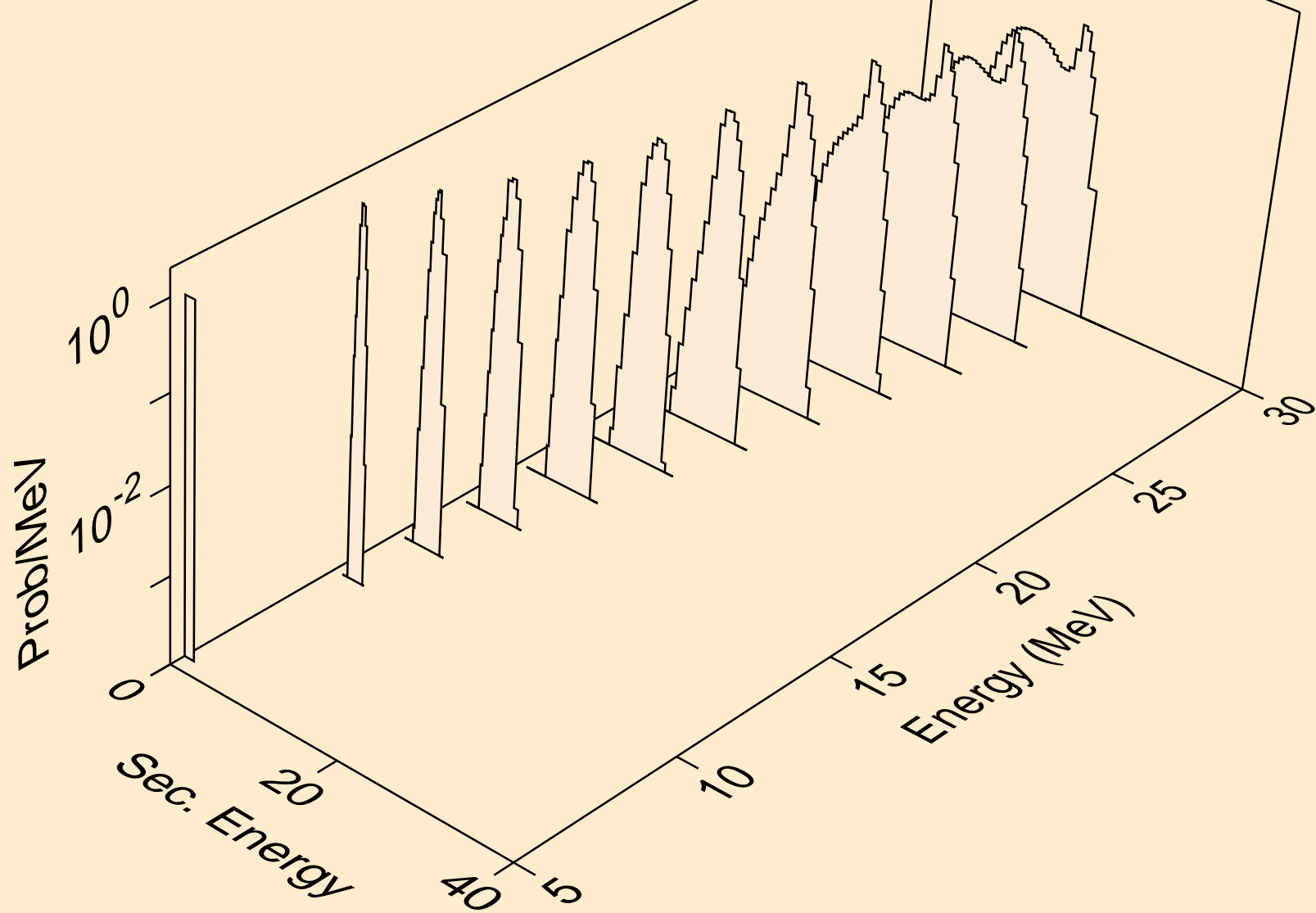


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deuterons from (n,d)

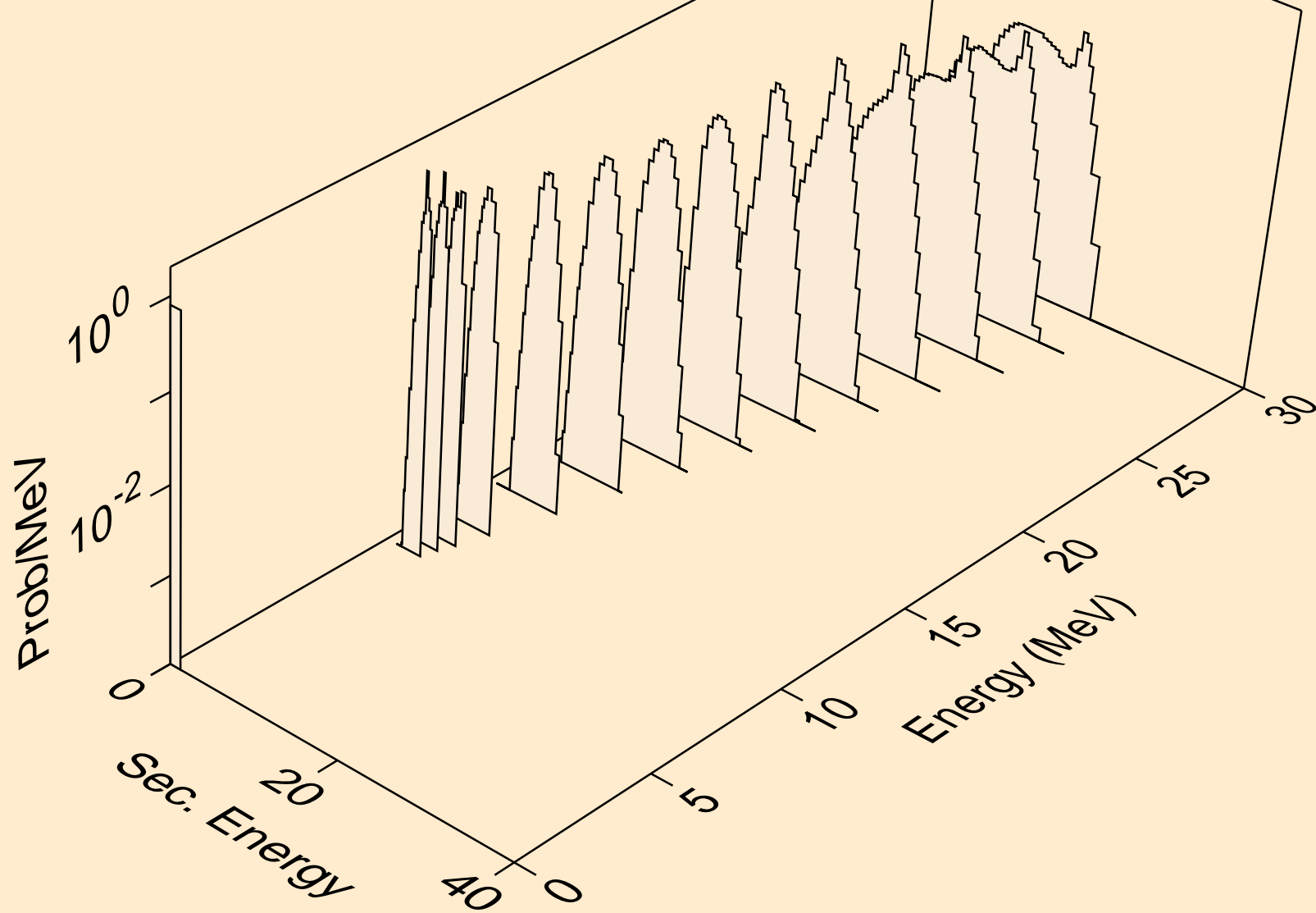




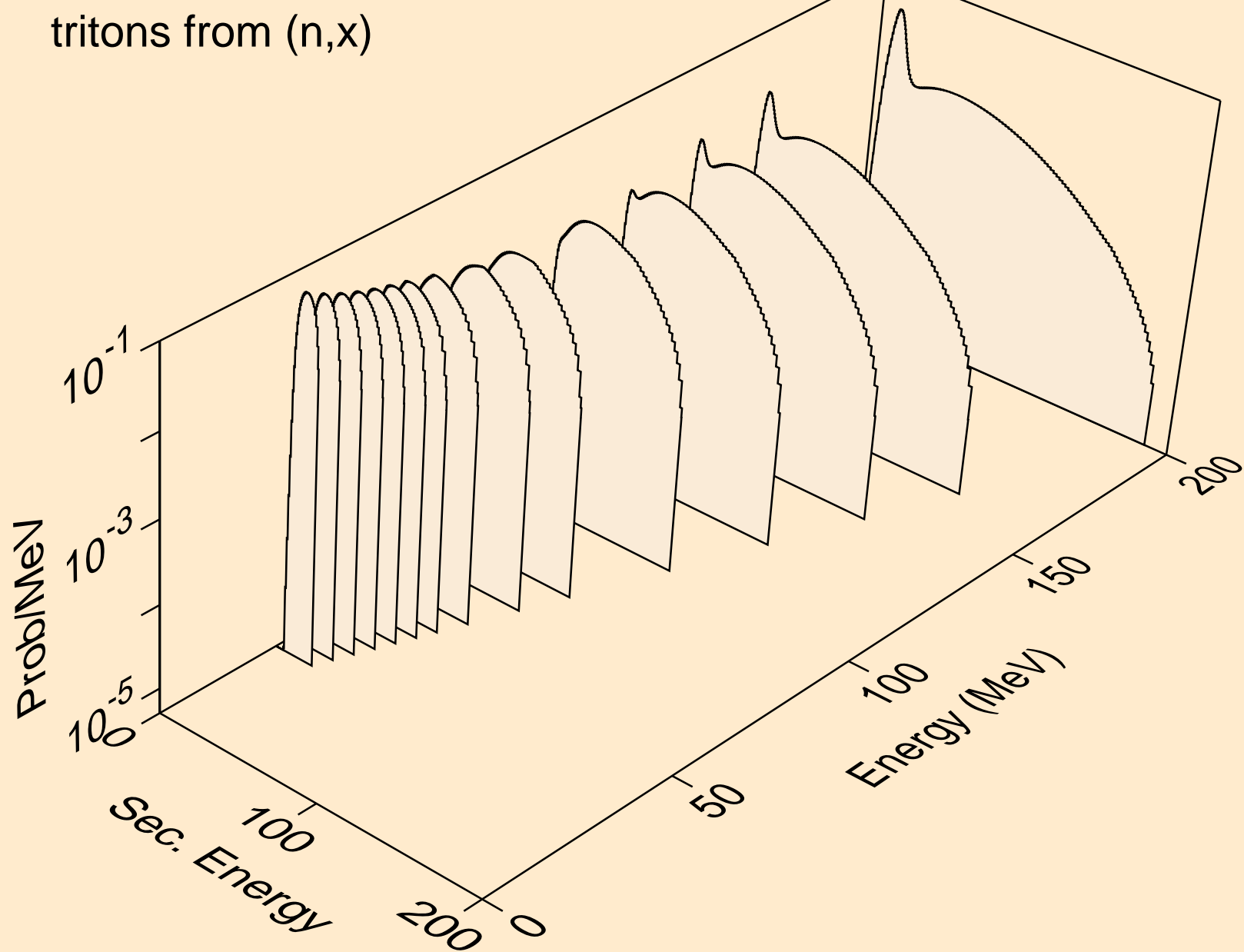
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deuterons from (n,pd)



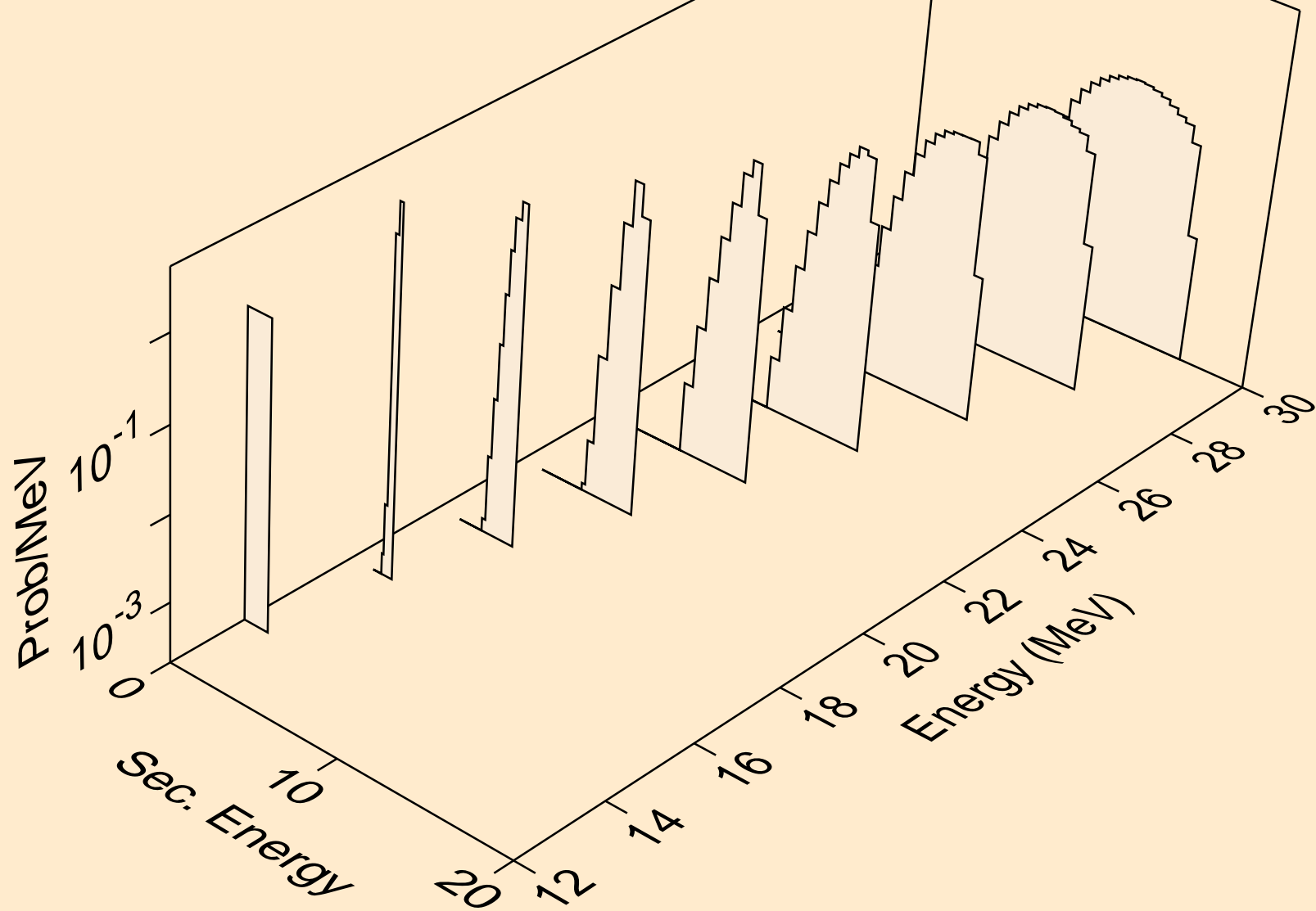
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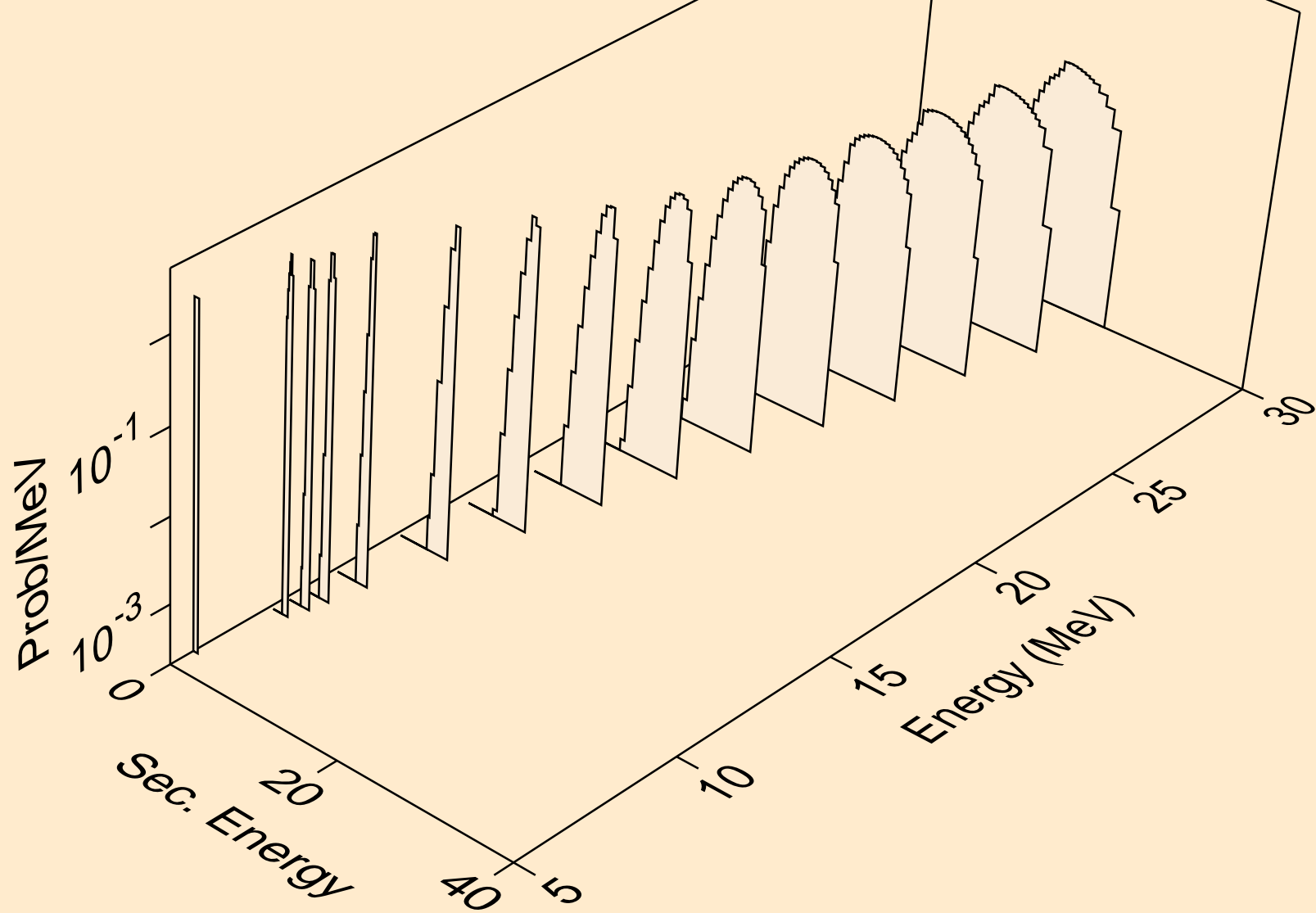
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tritons from (n,x)



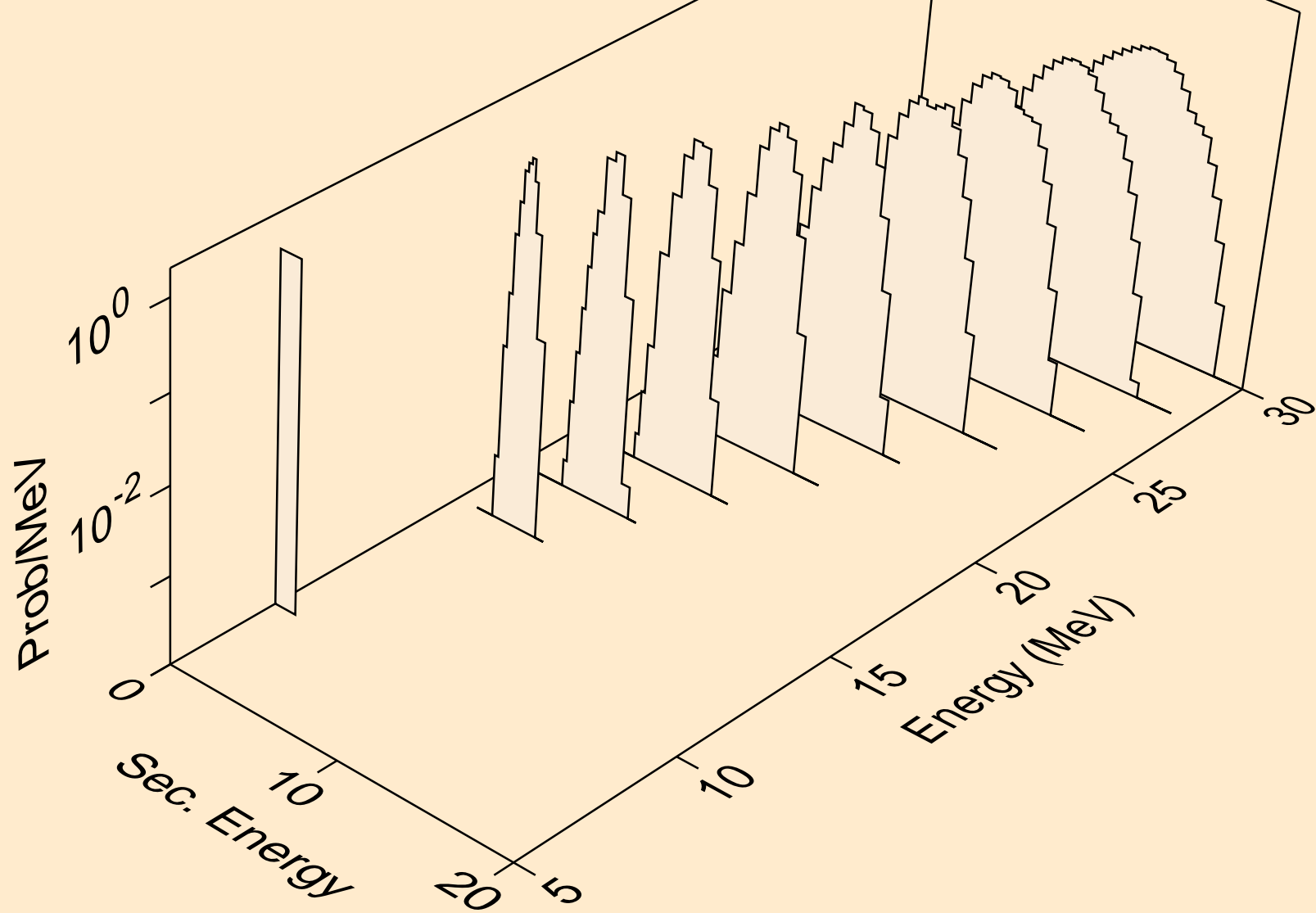
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tritons from (n,n\*)t



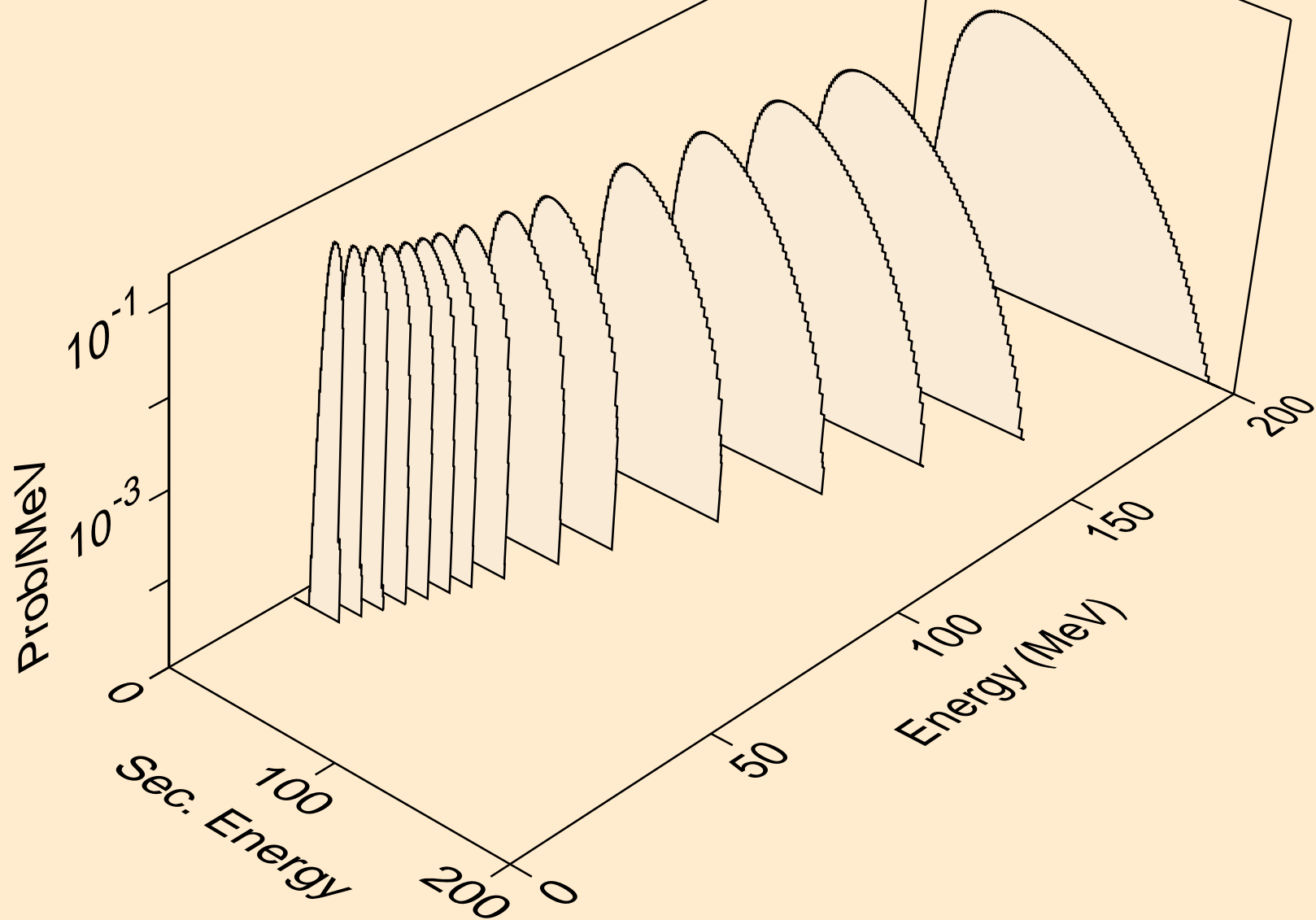
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tritons from (n,t)



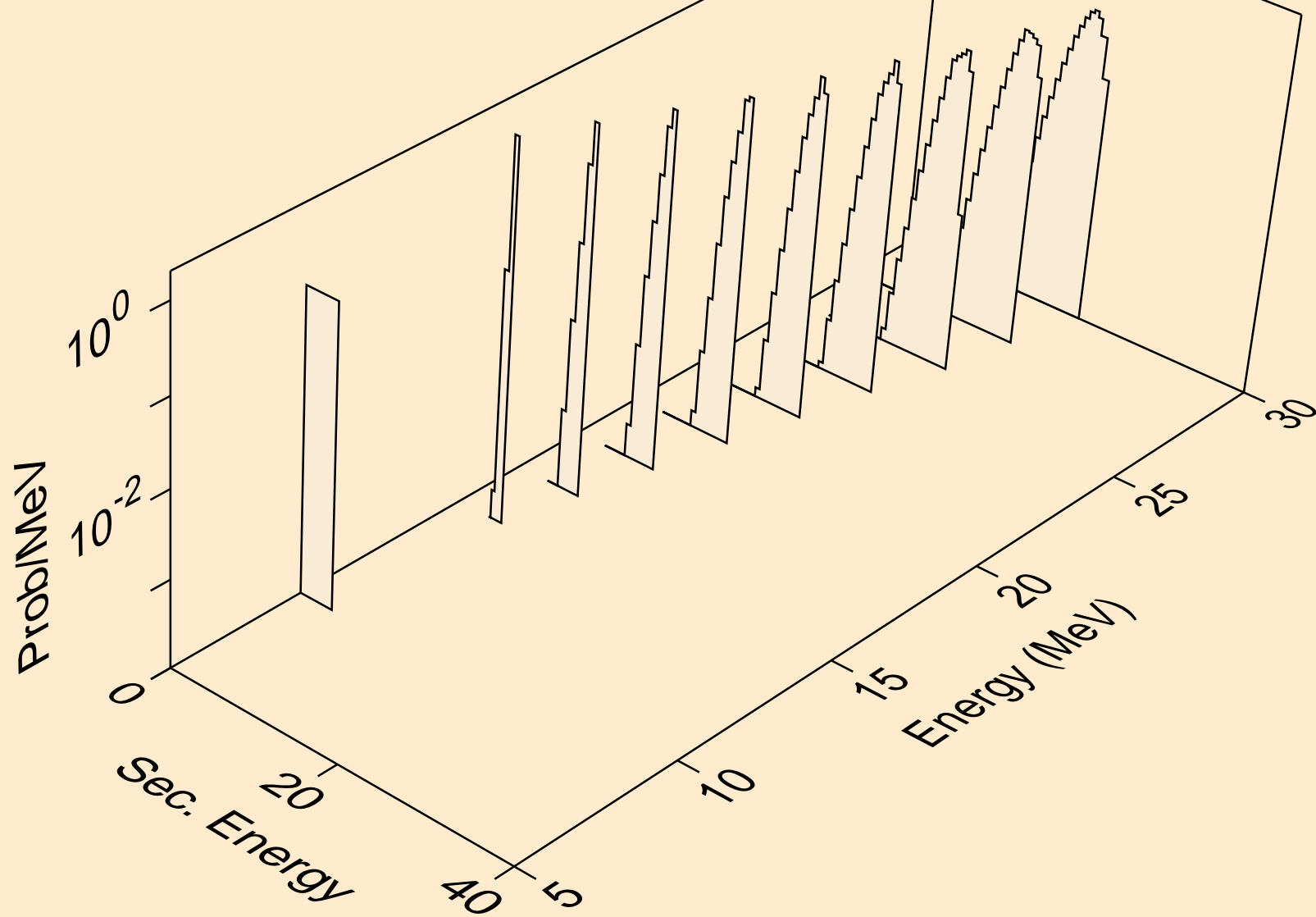
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

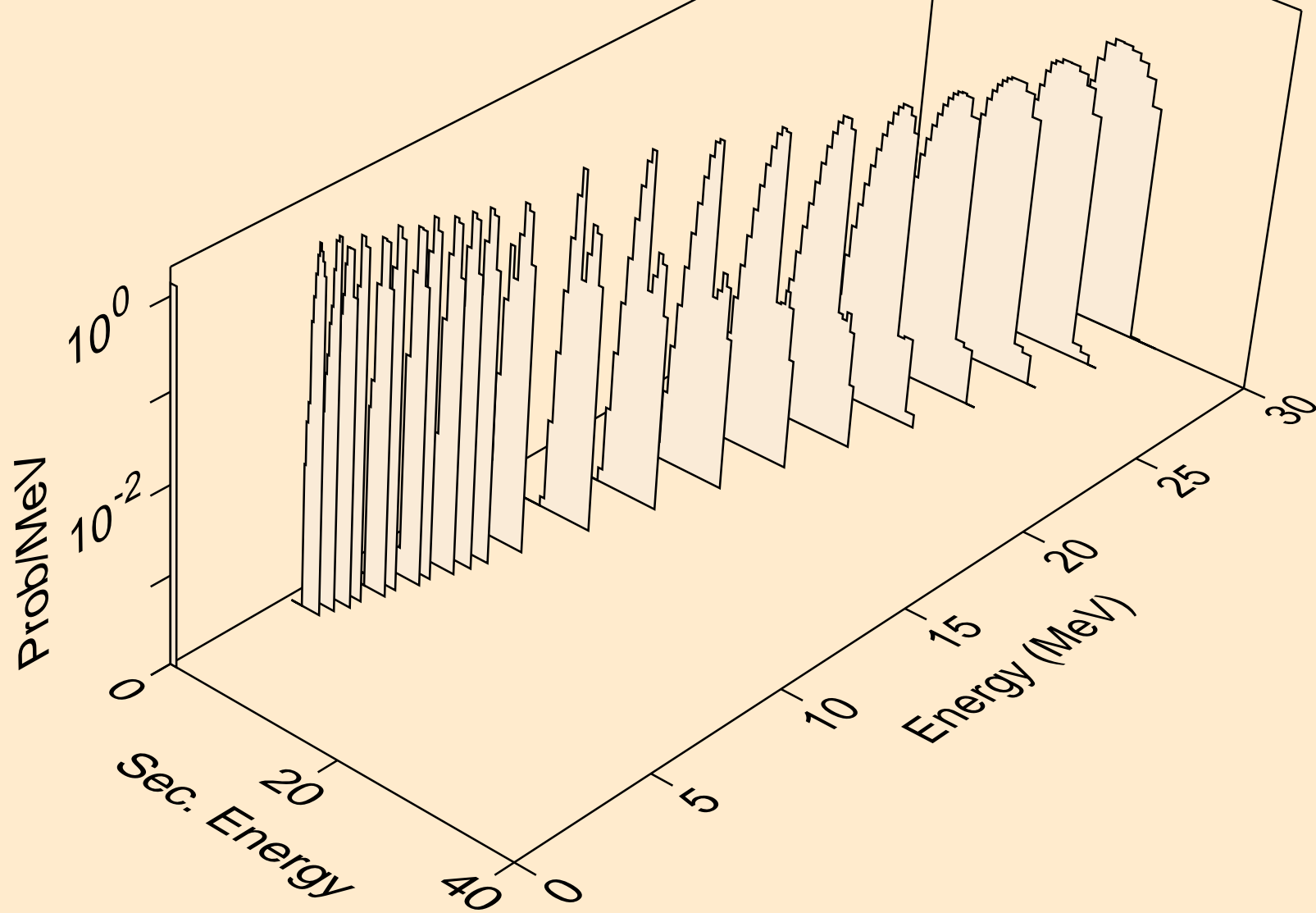


DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

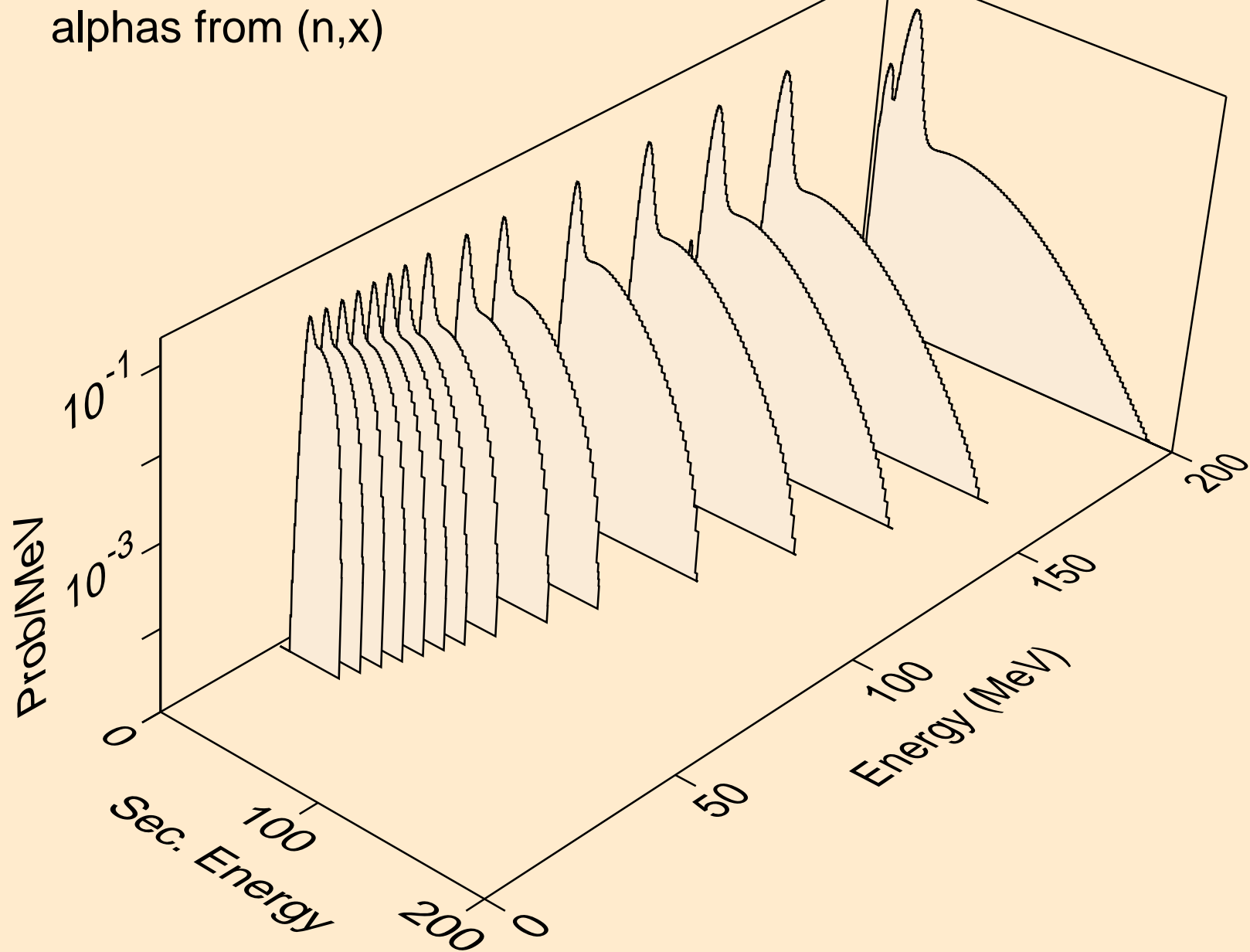




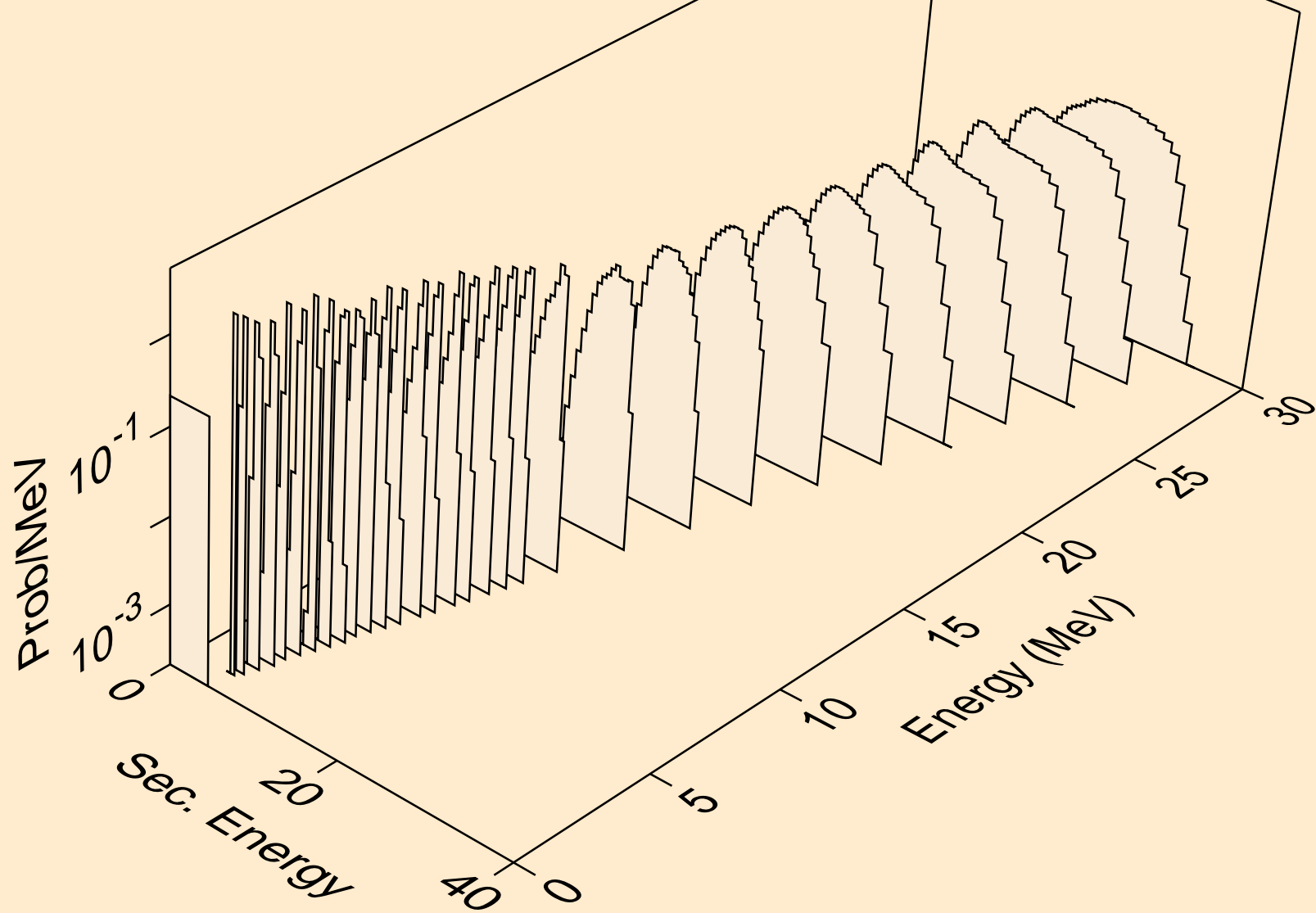
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he3s from (n,he3)



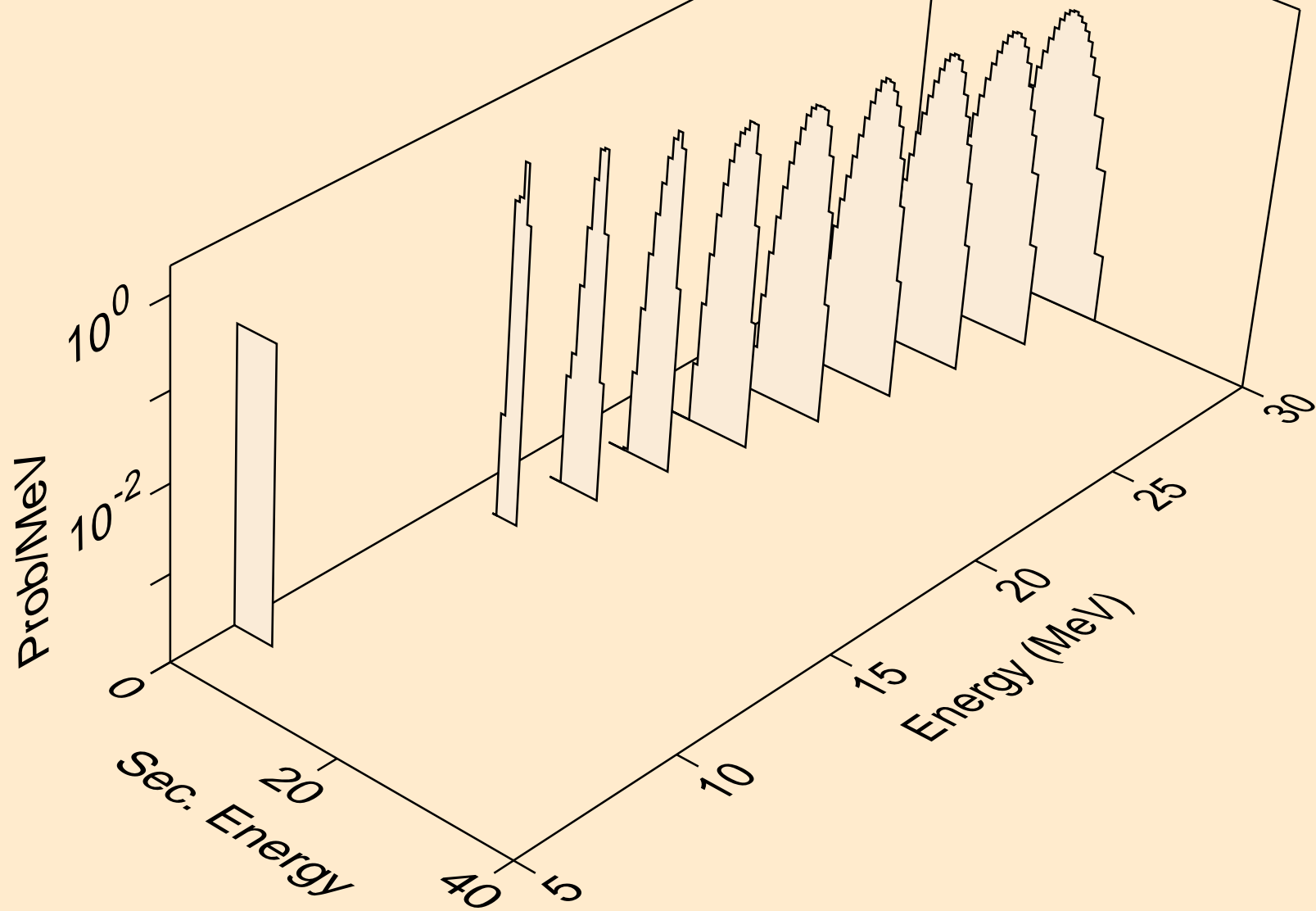
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



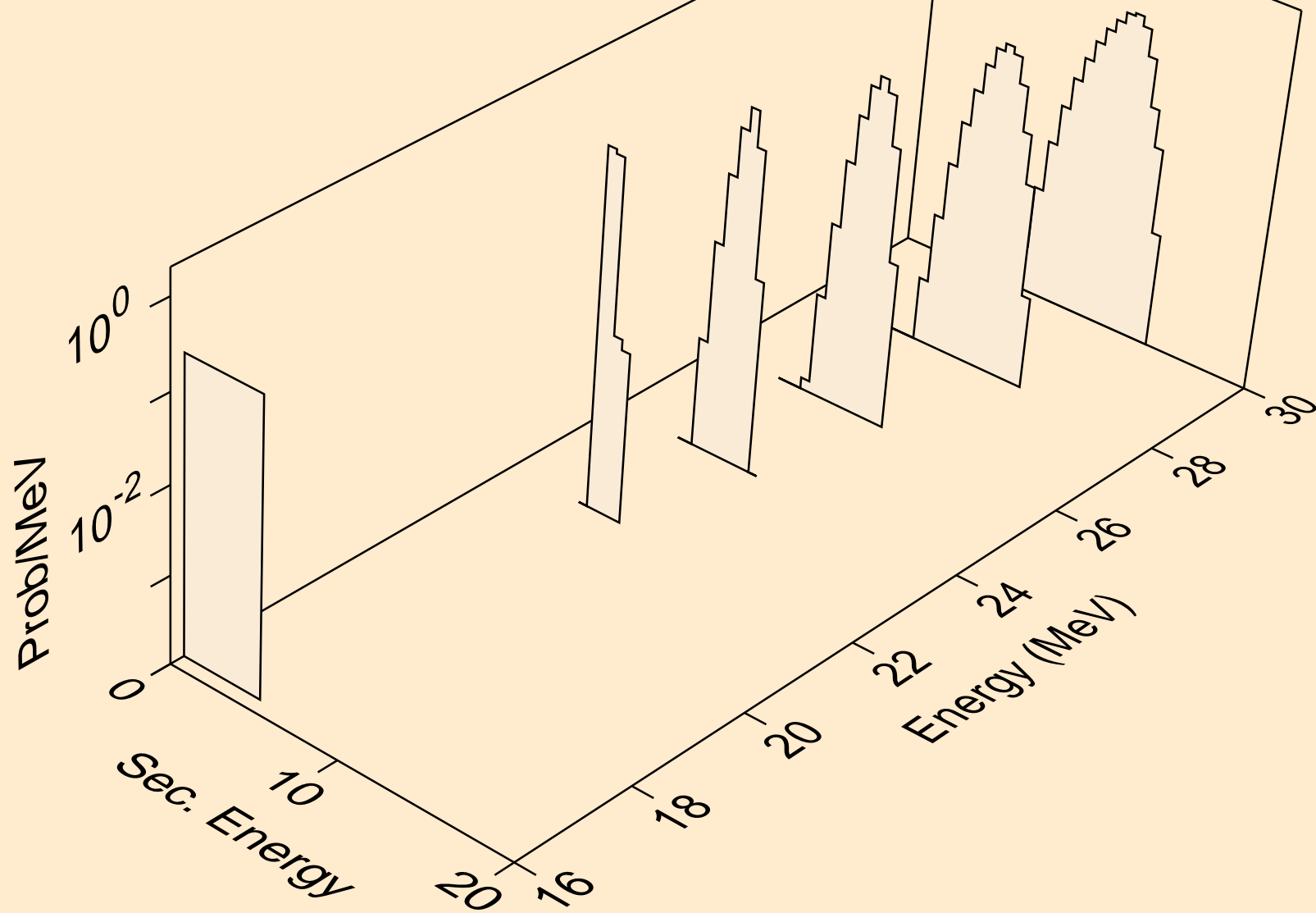
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



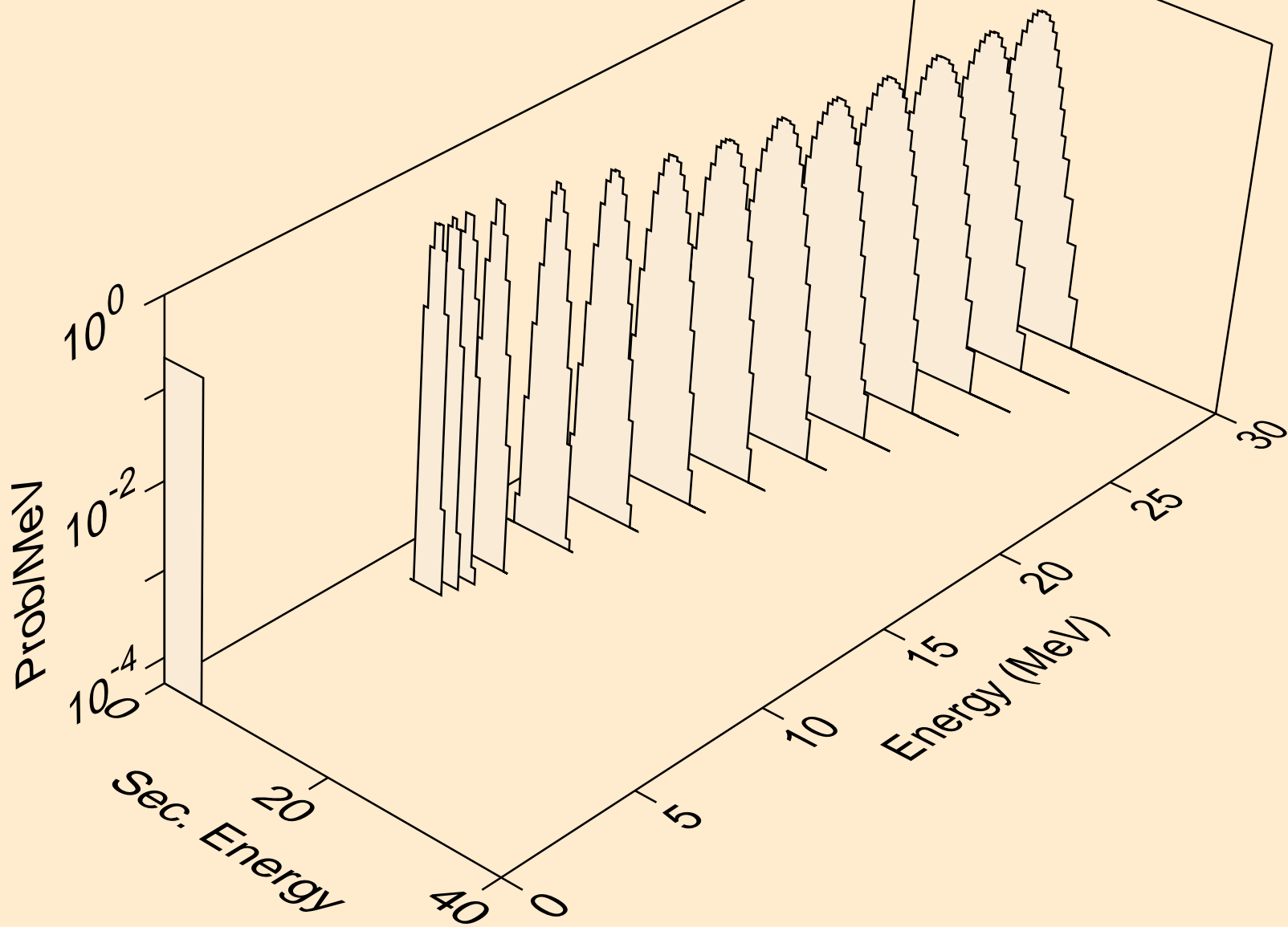
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



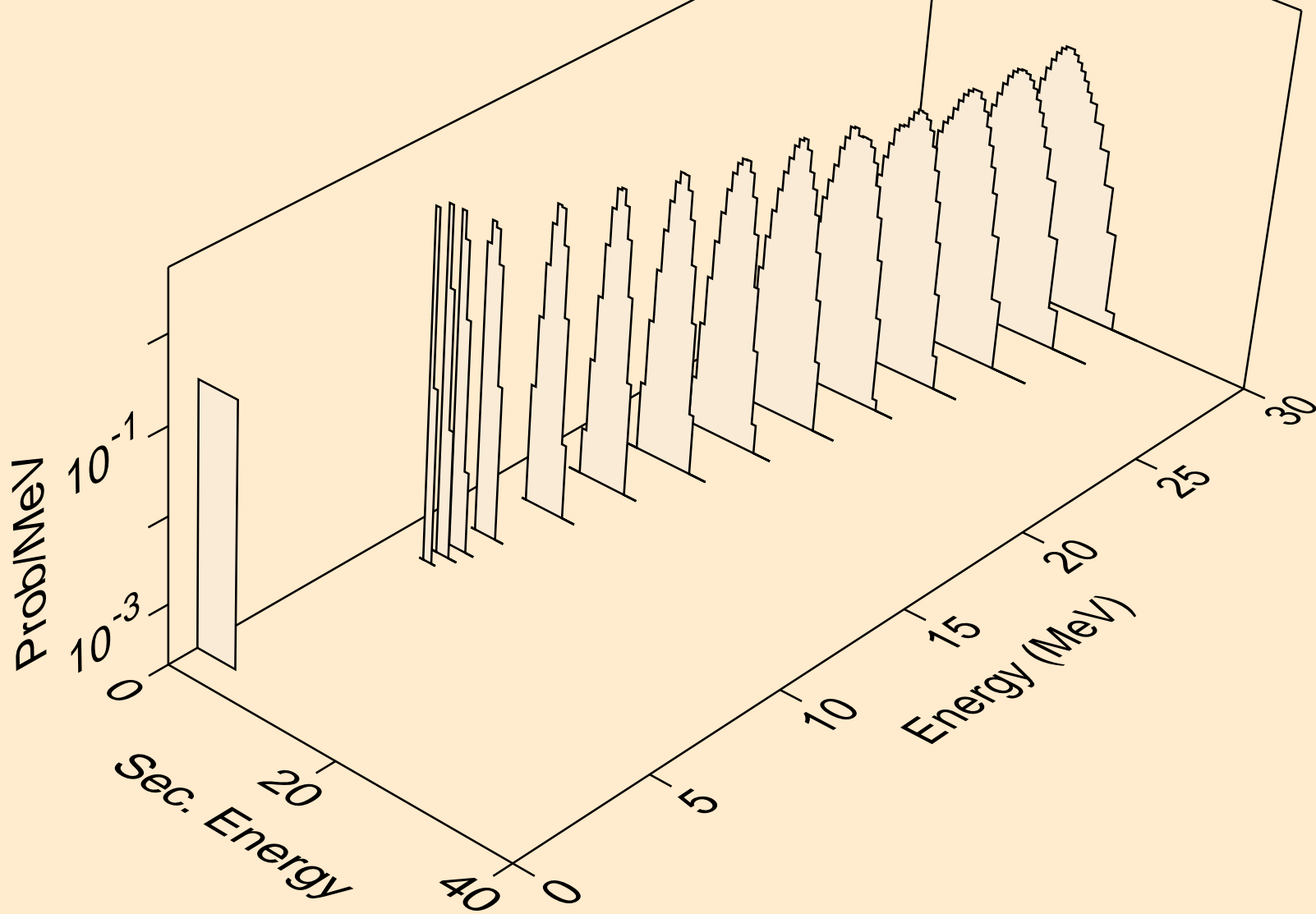
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



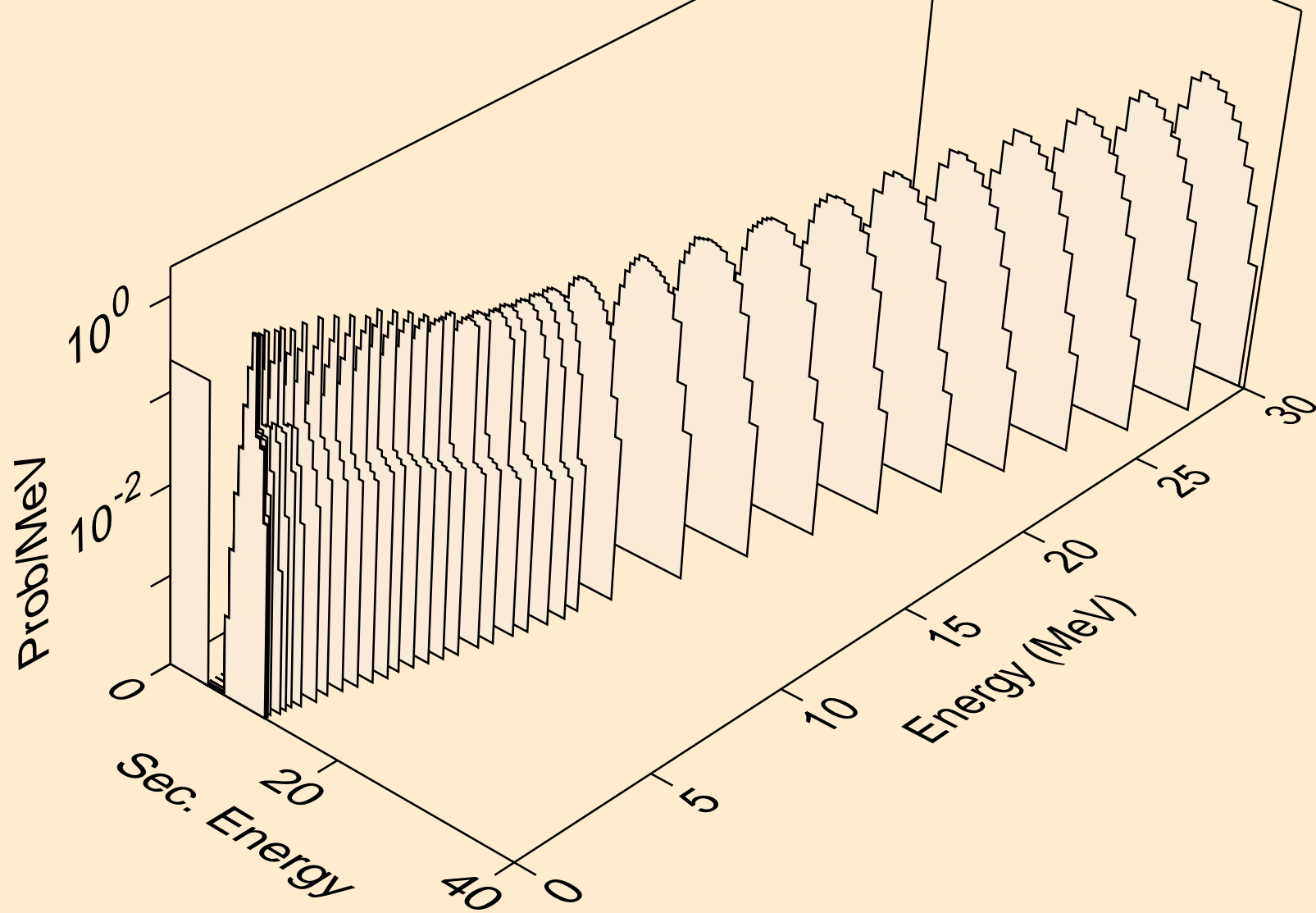
DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

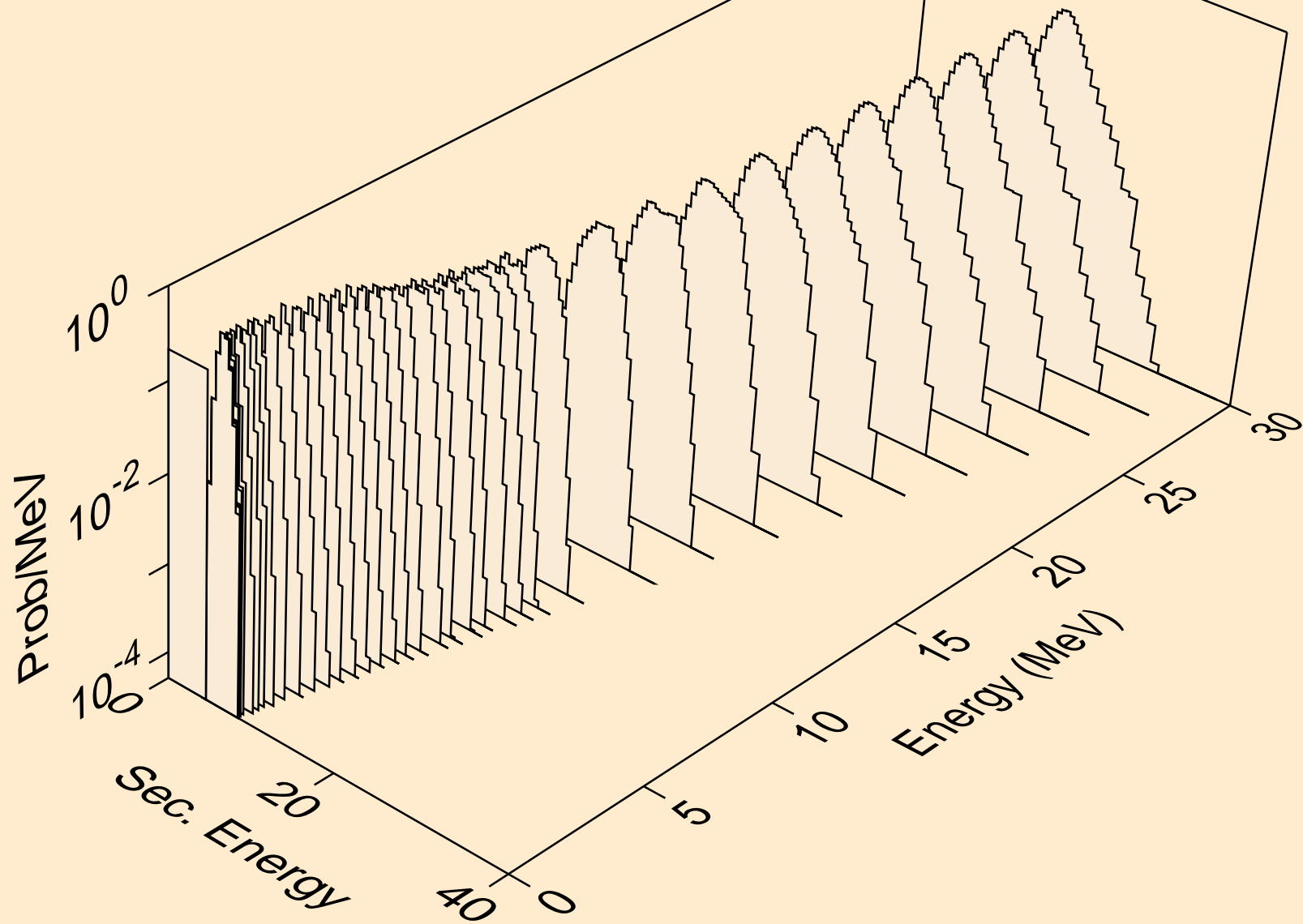


DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

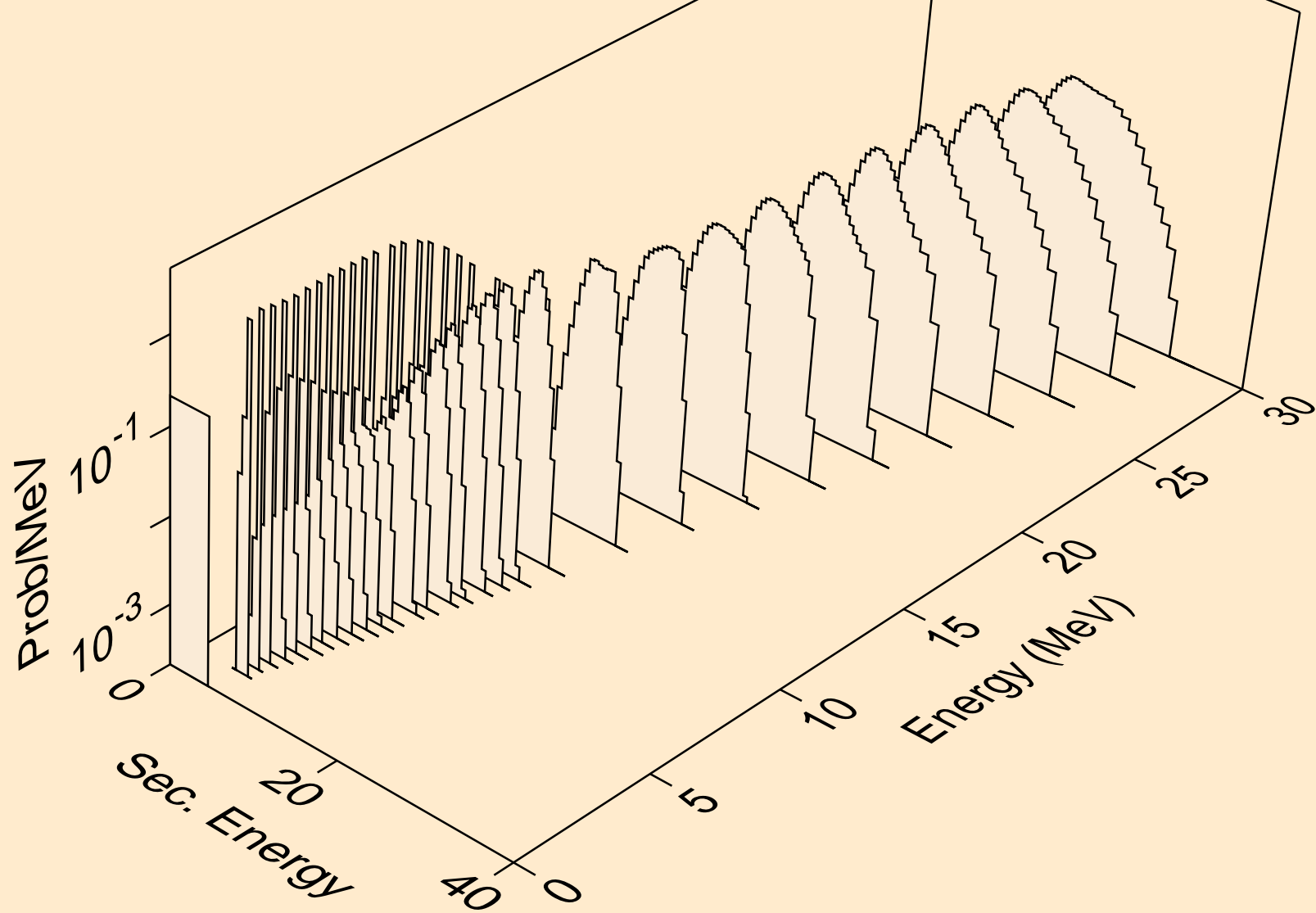




DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



DY150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

