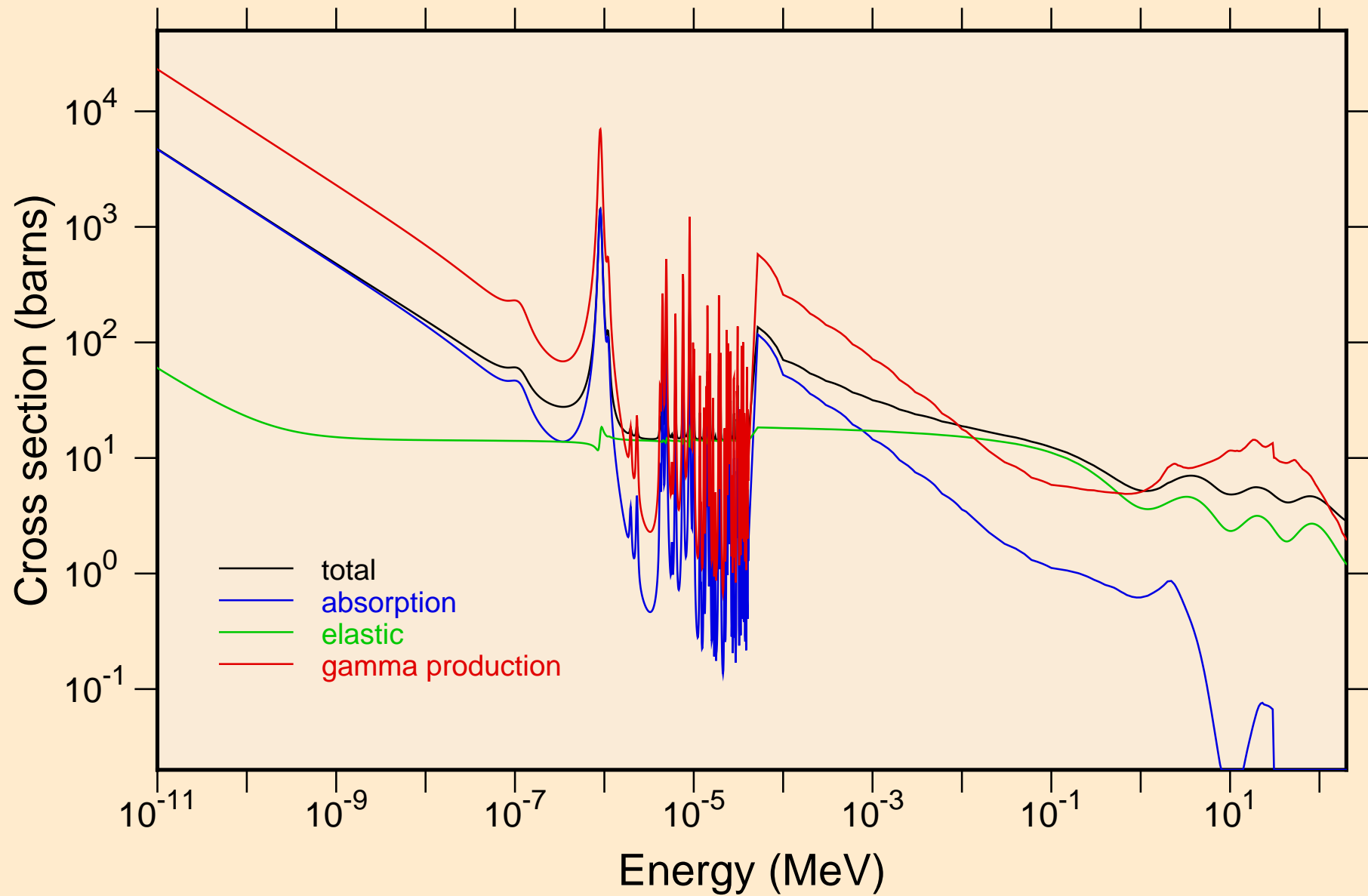
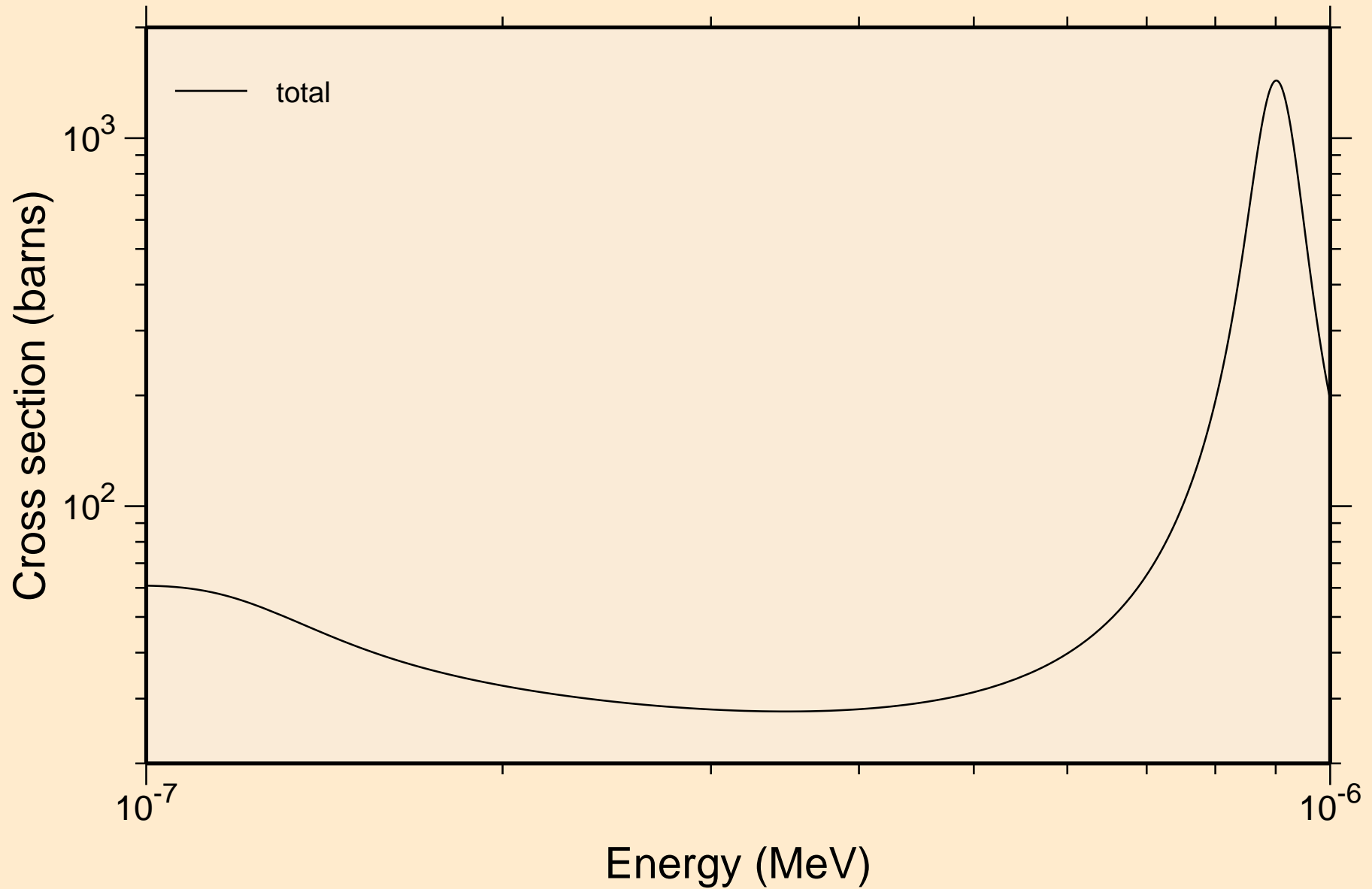


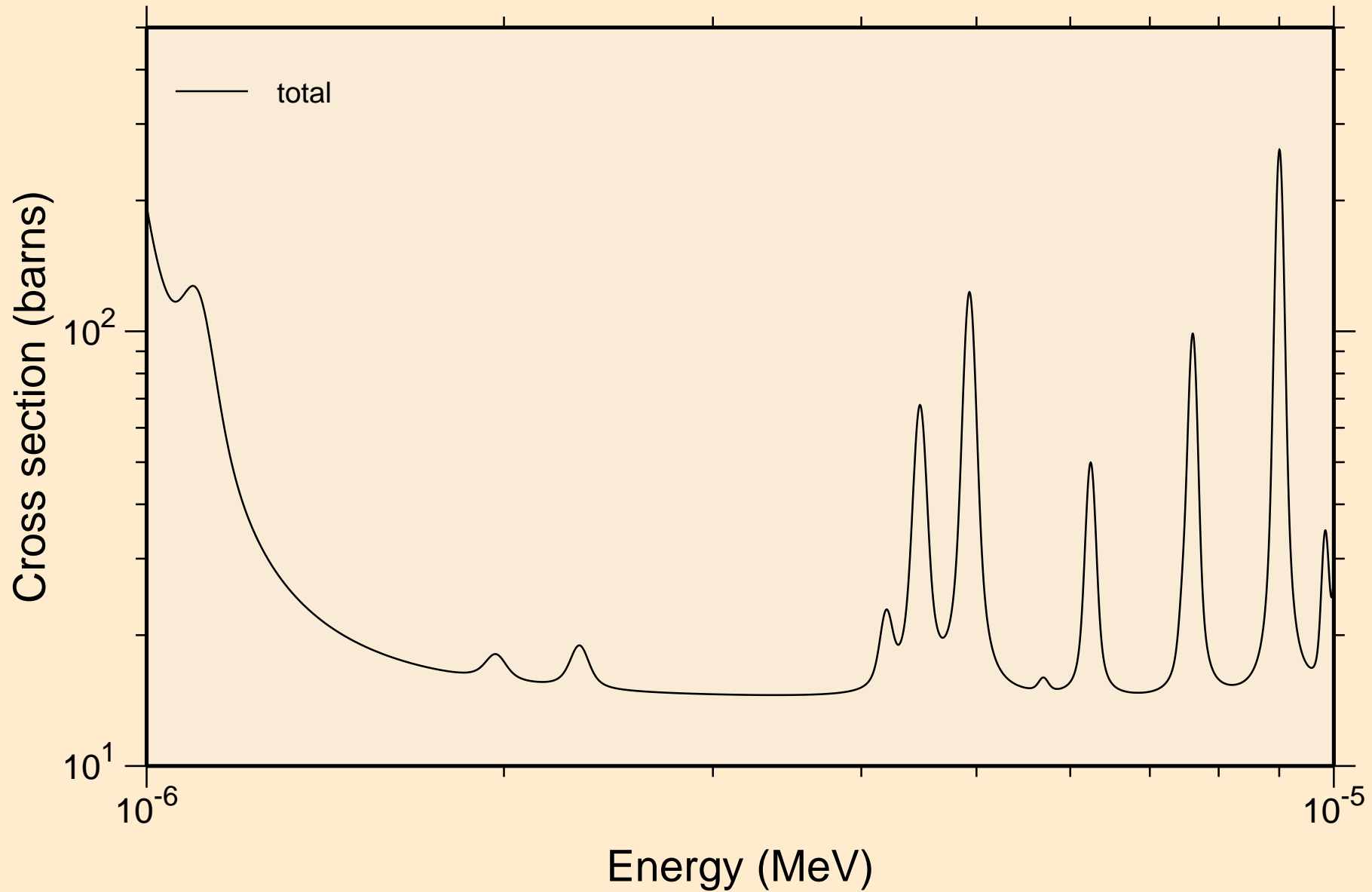
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



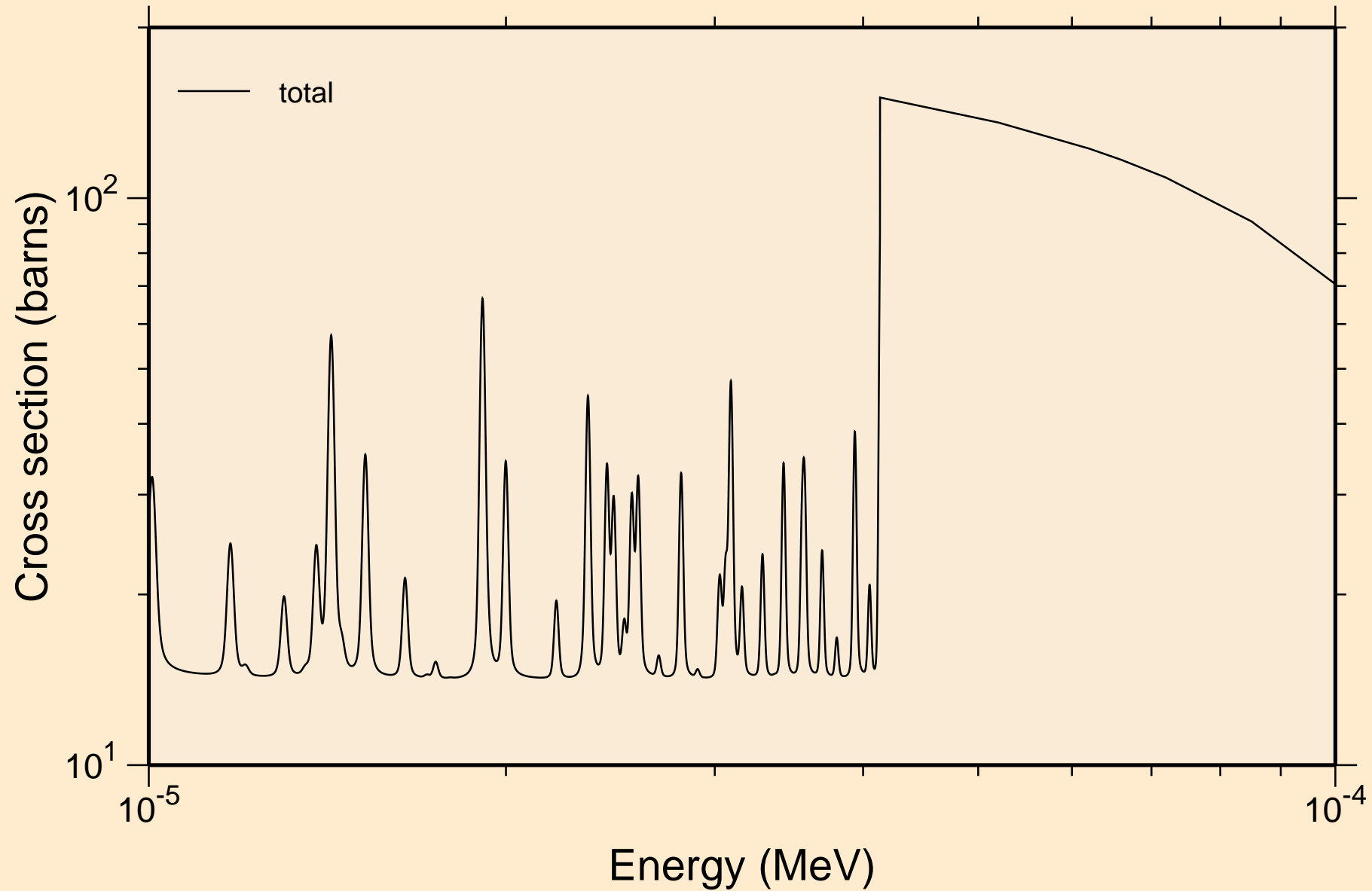
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resonance total cross section



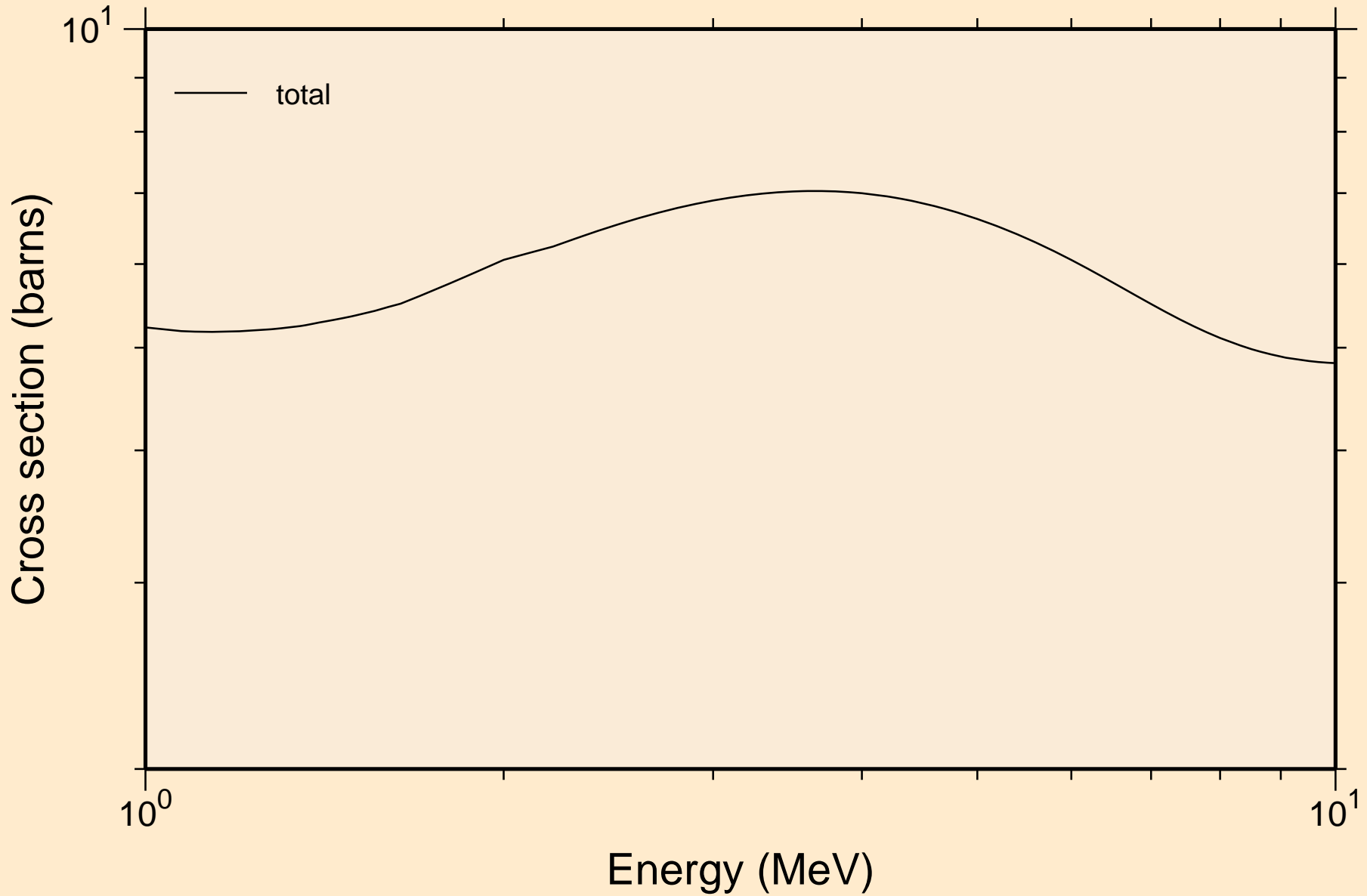
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



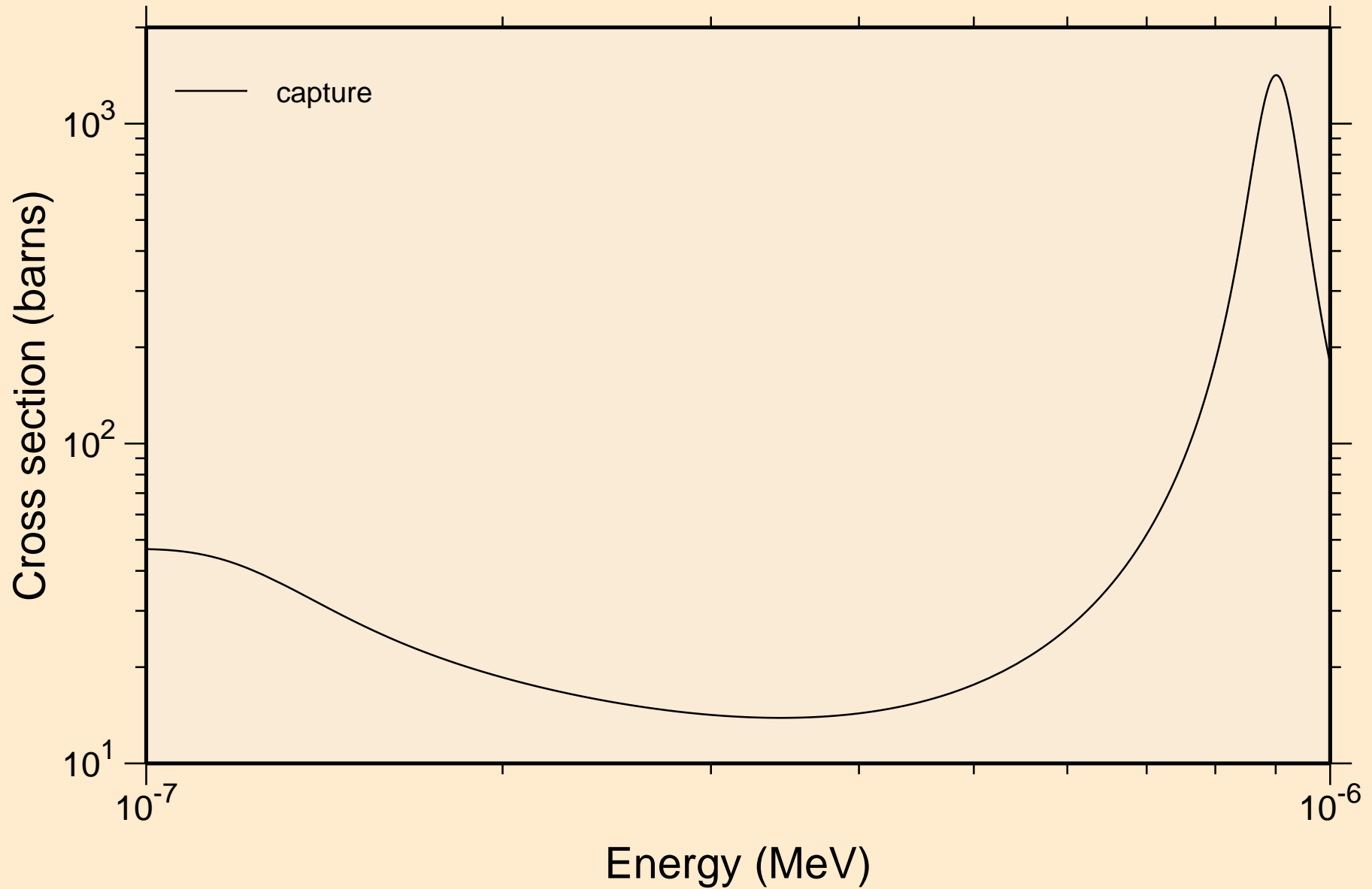
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resonance total cross section



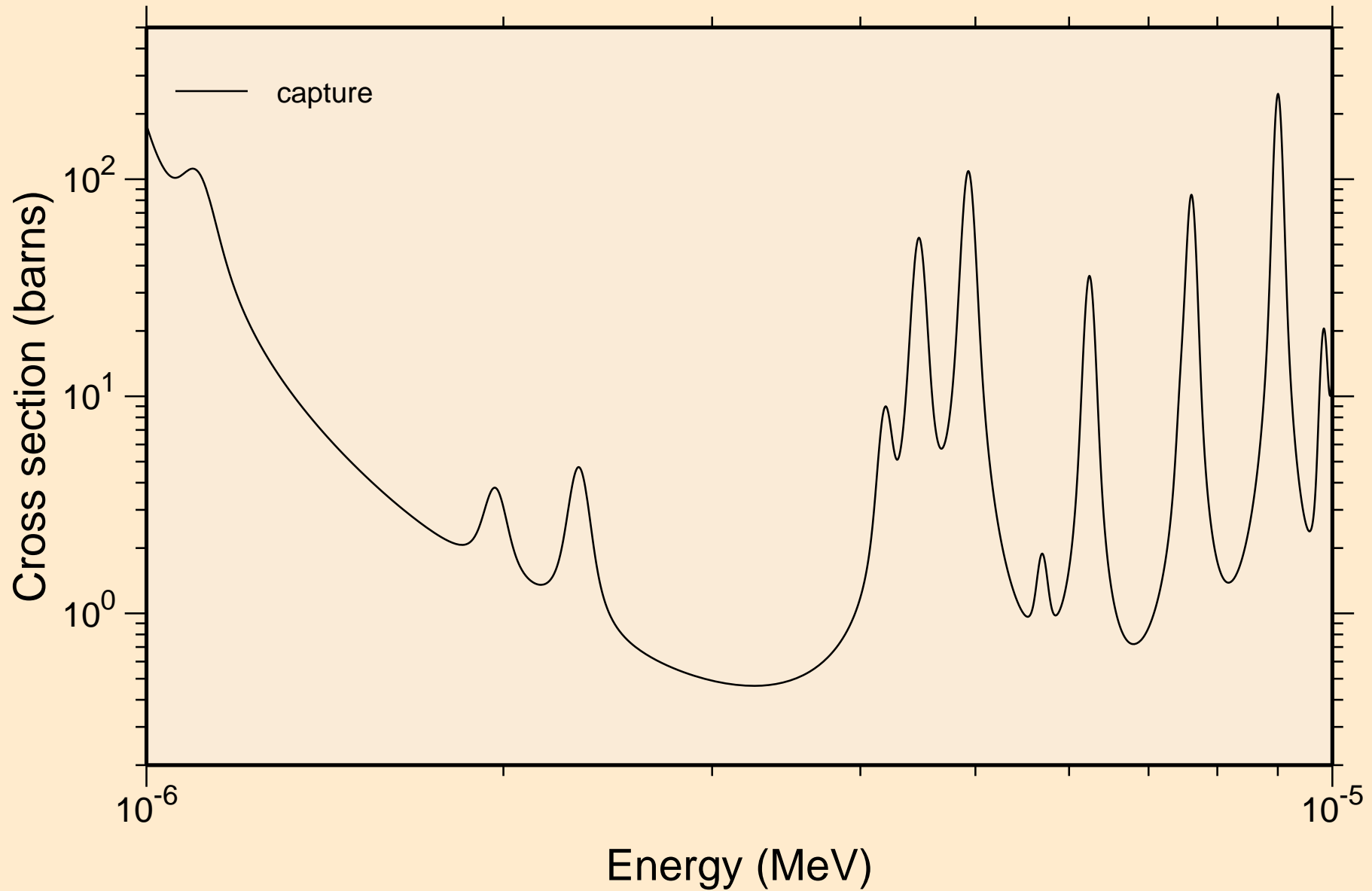
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



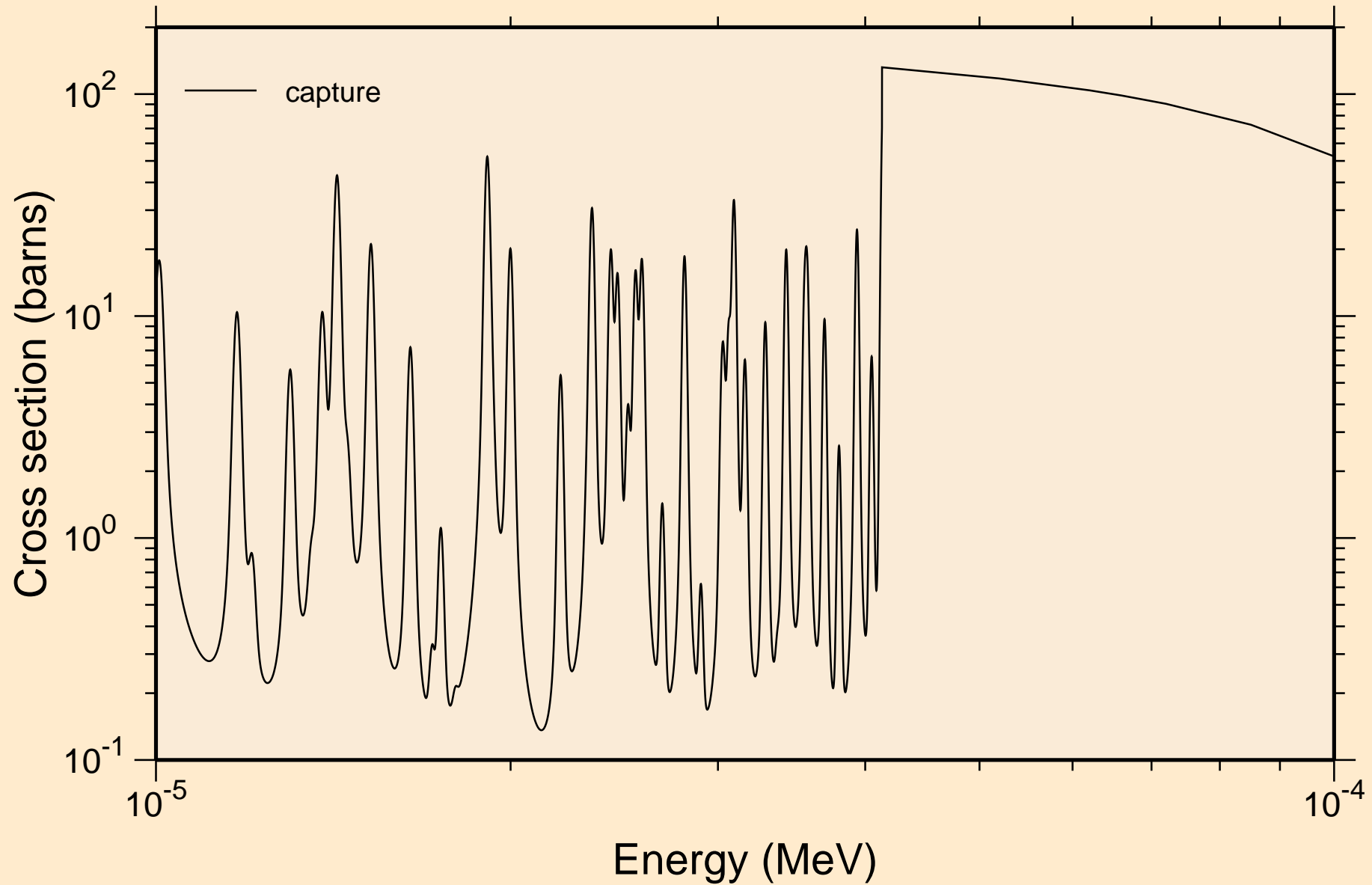
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

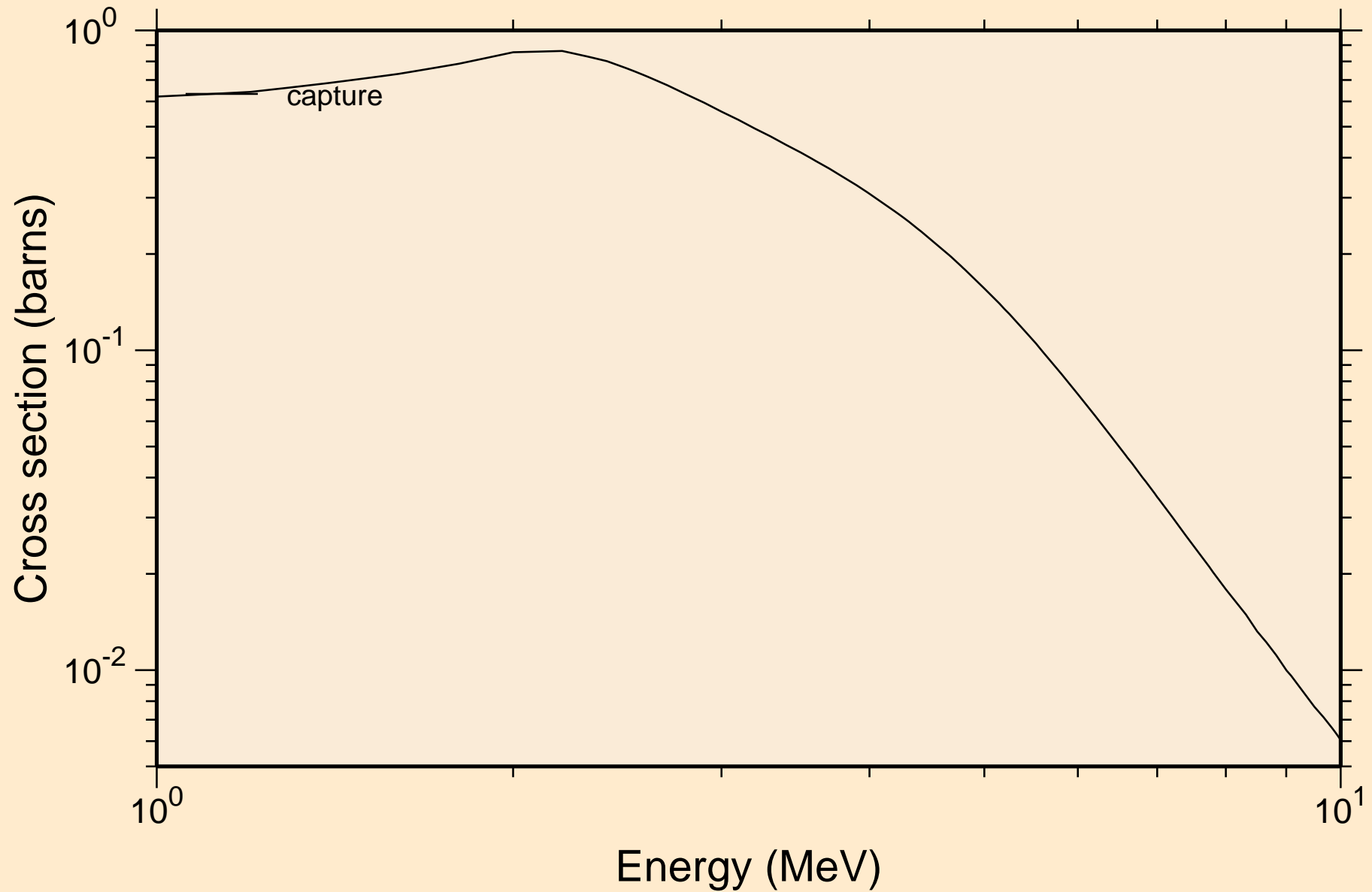


AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

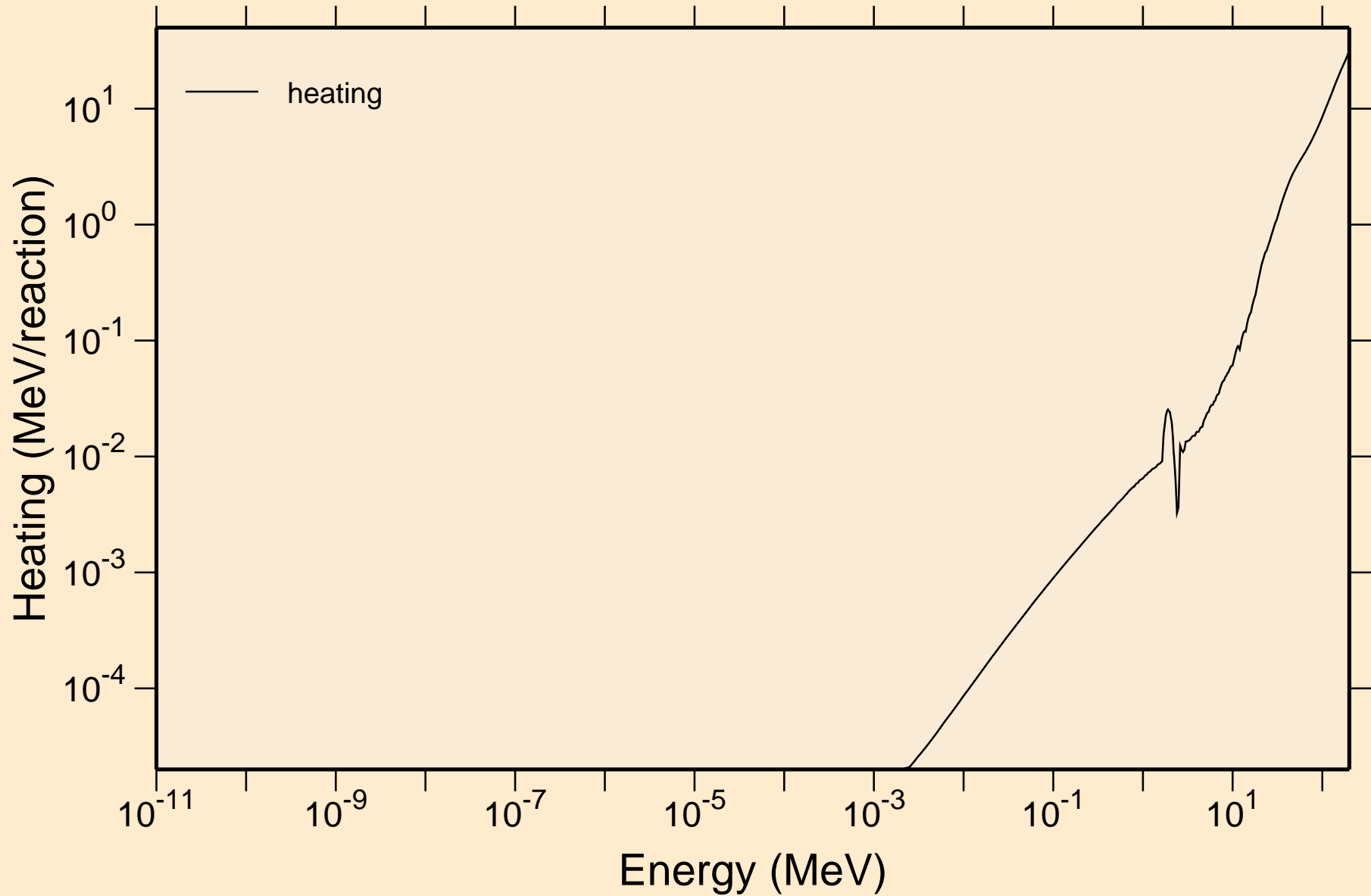




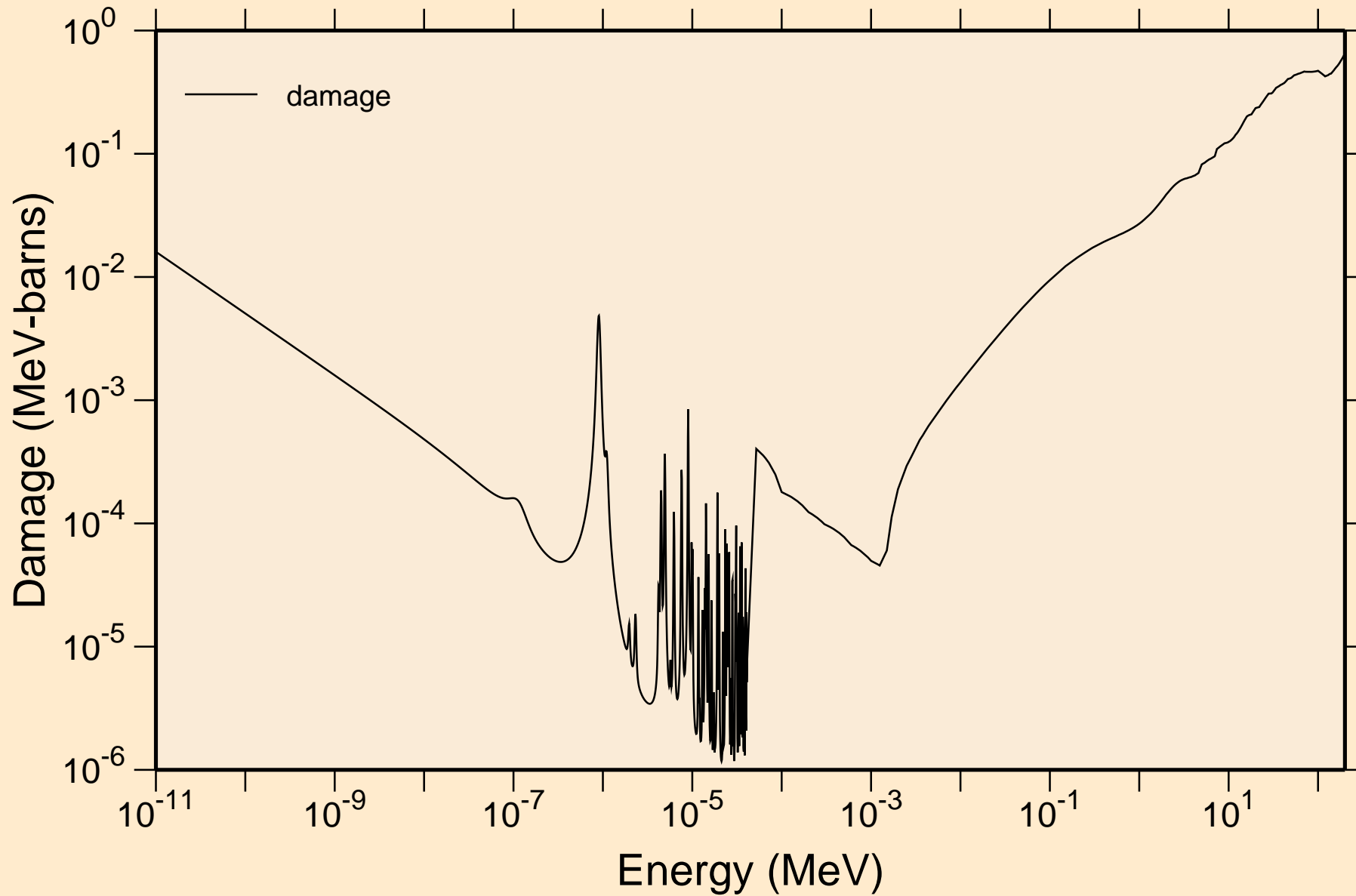
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



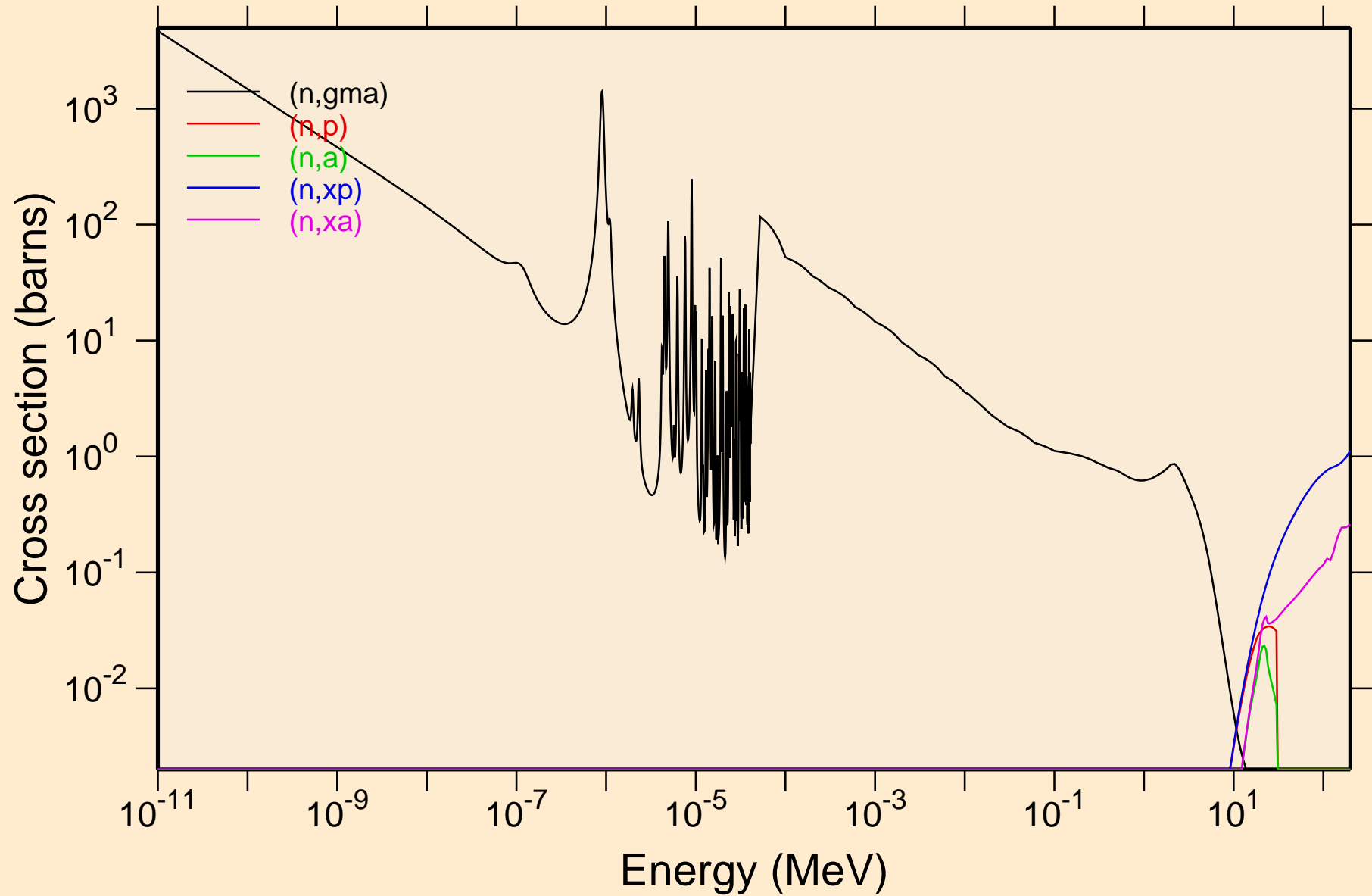
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

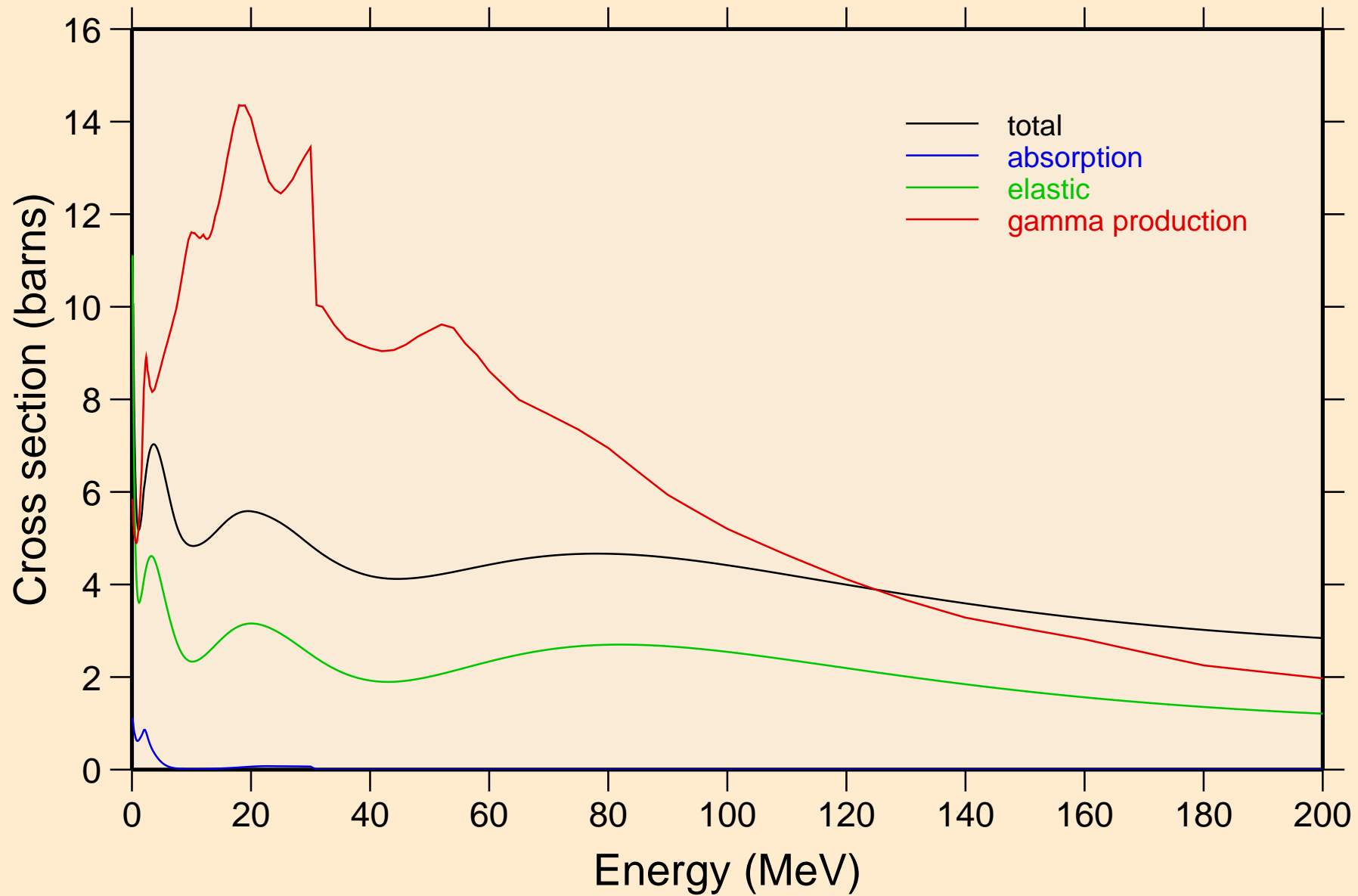


AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

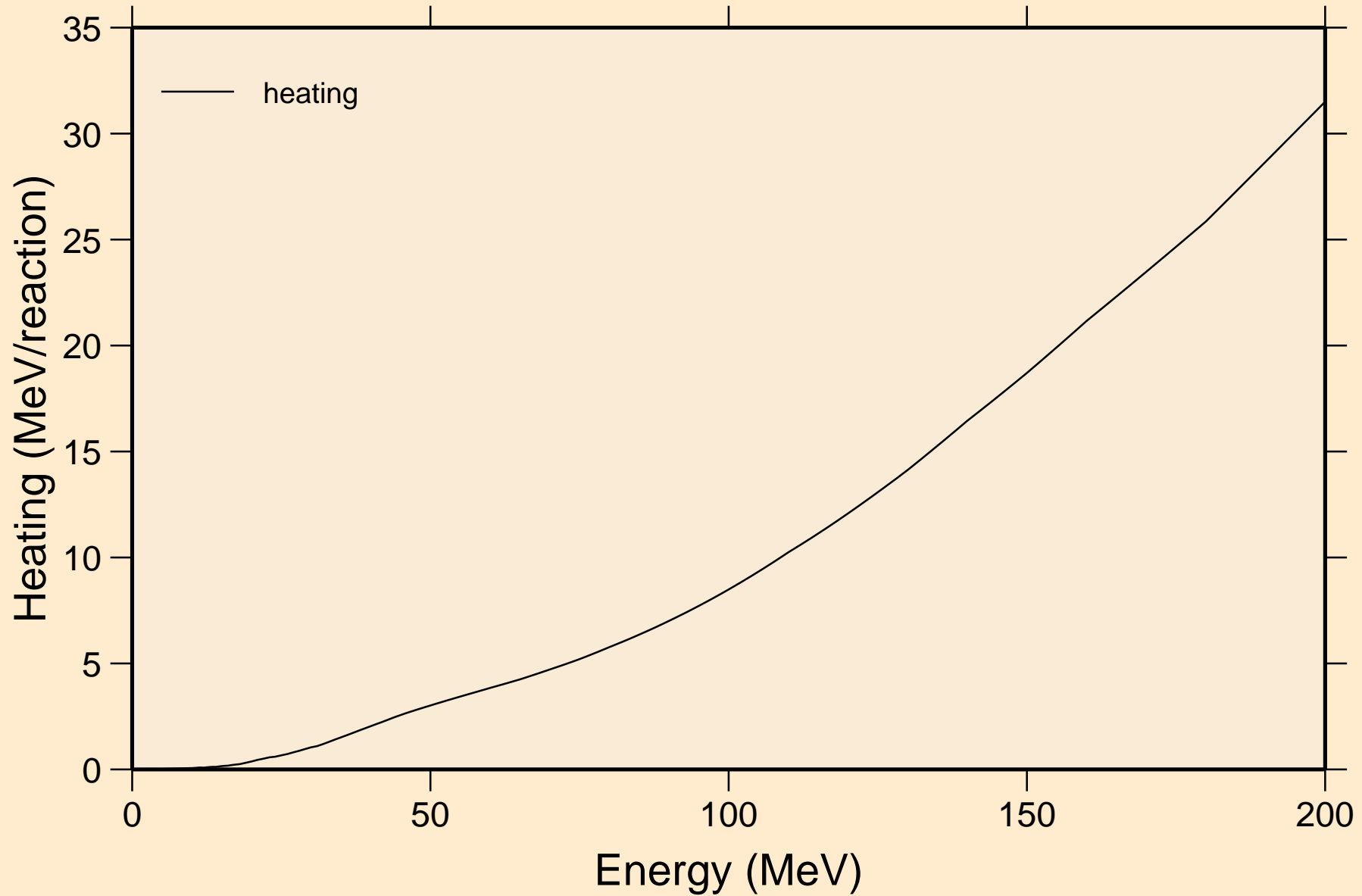


# AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

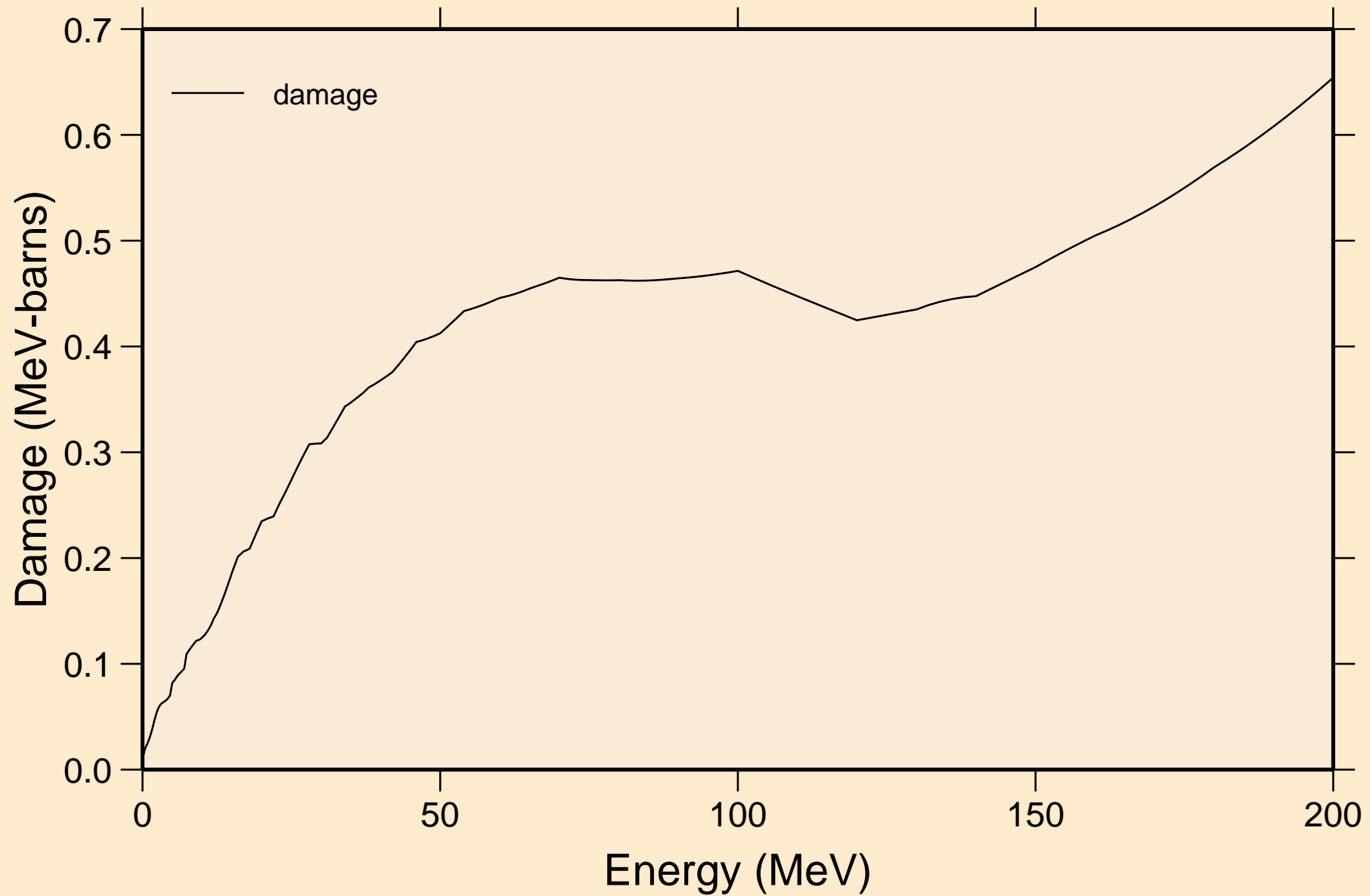
## Principal cross sections



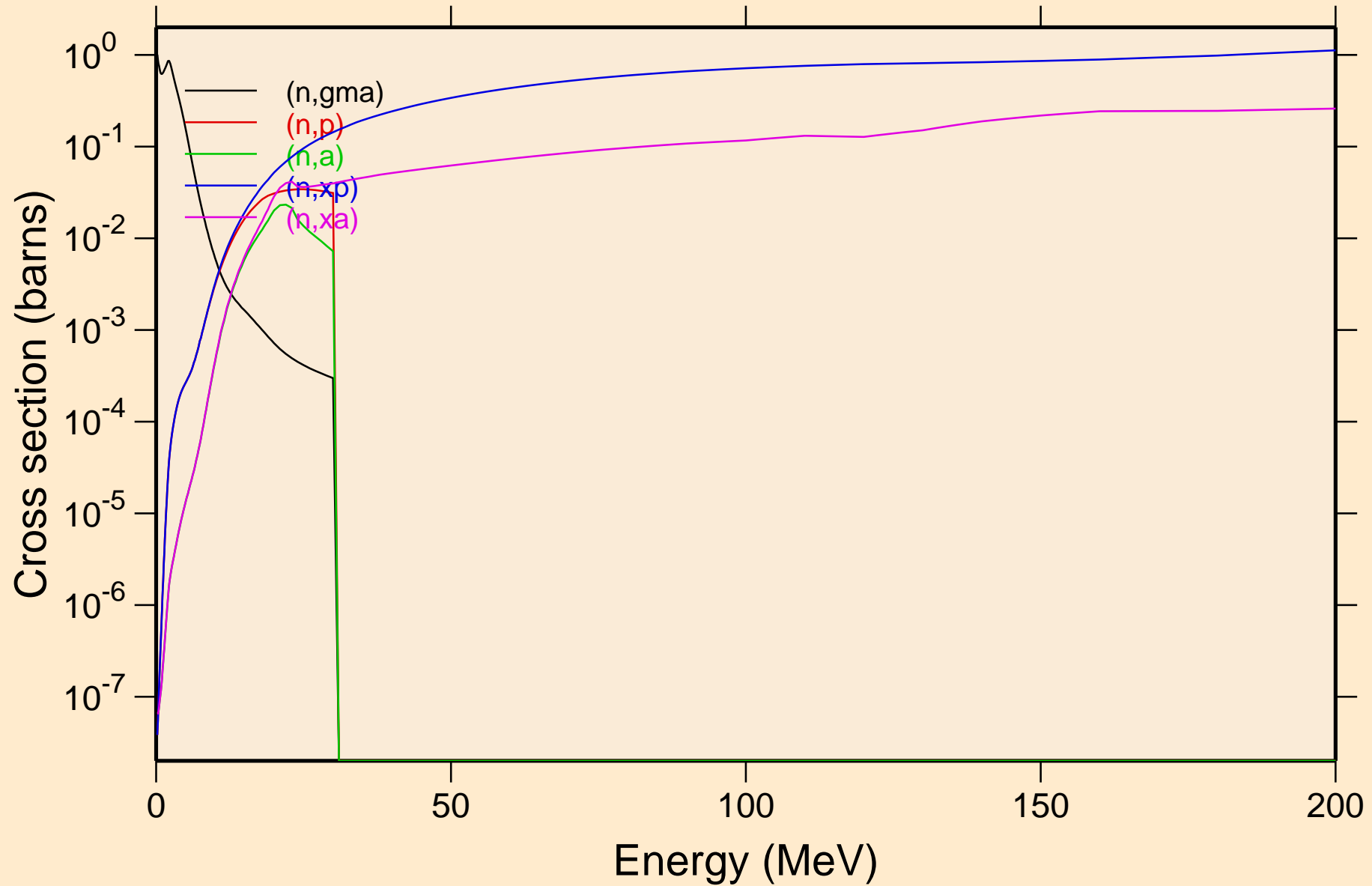
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

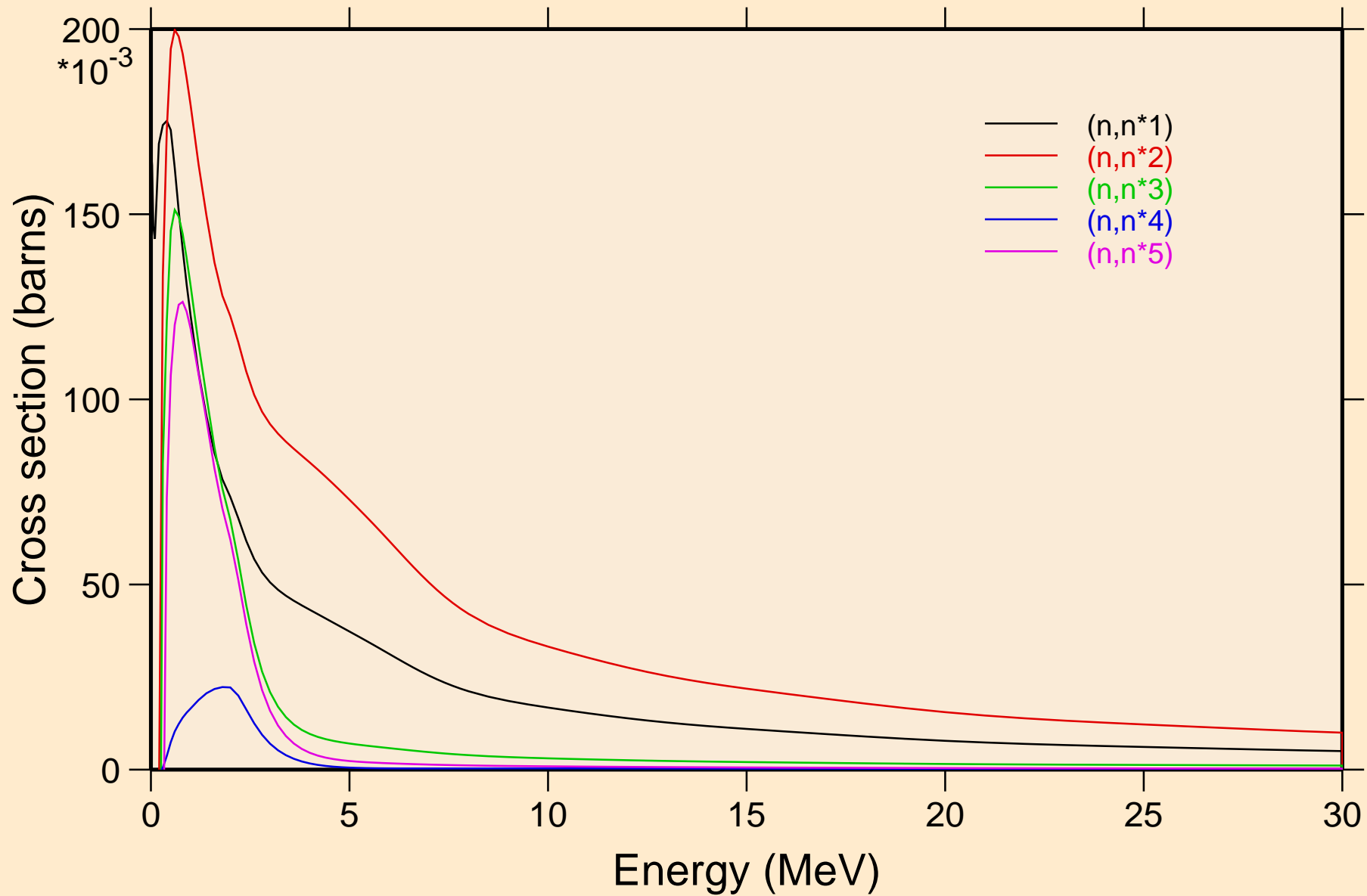


AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

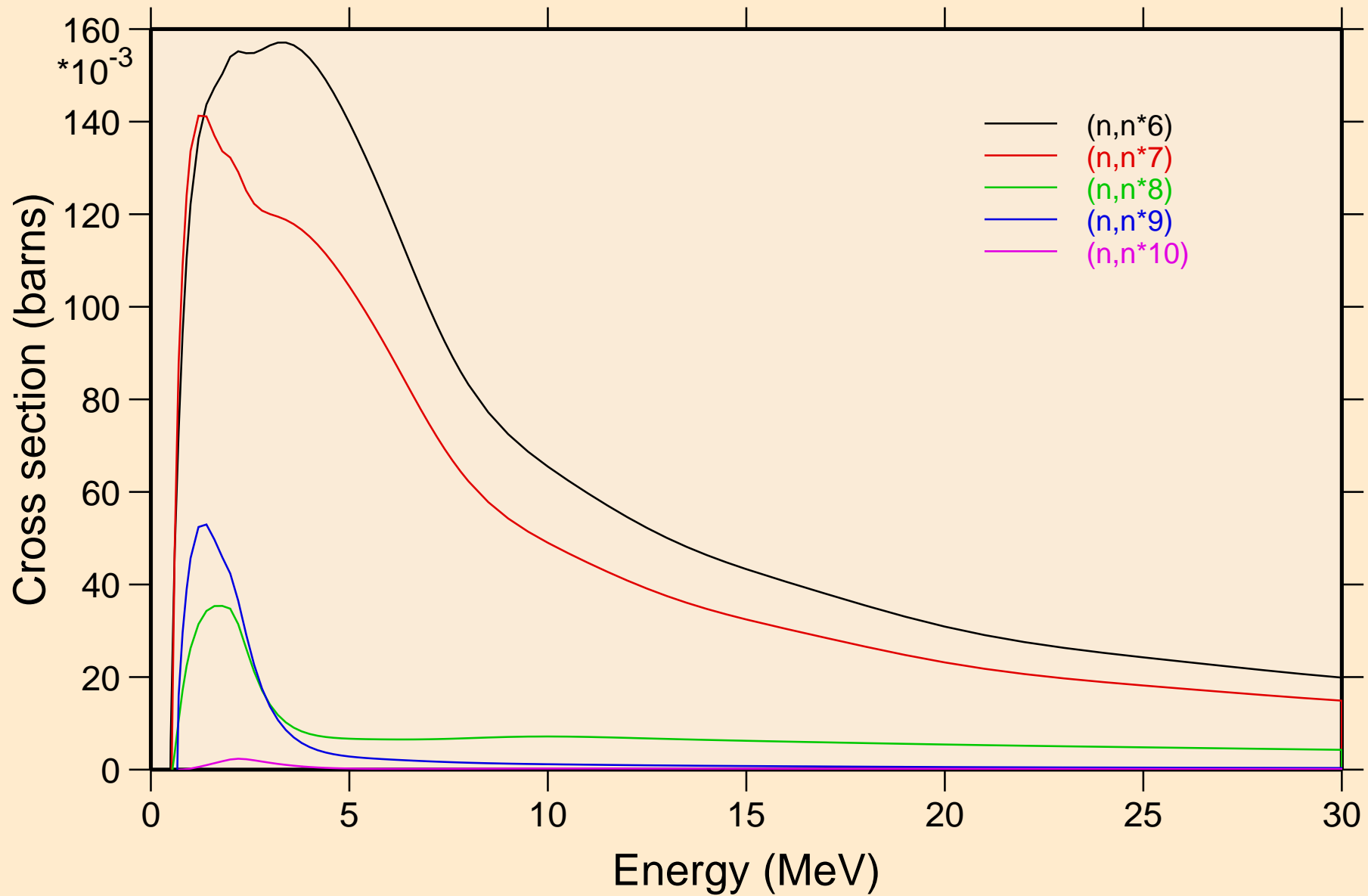




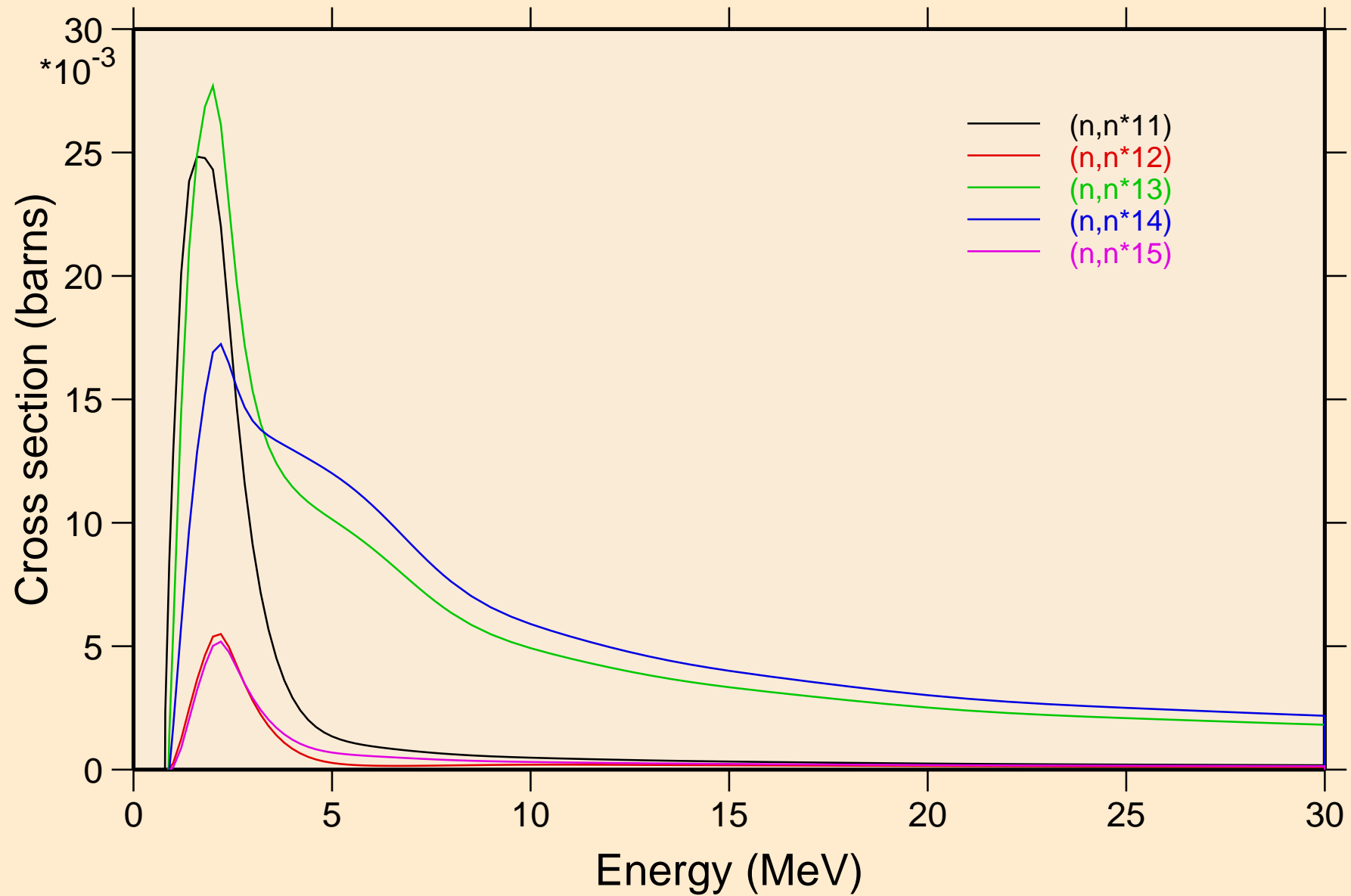
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



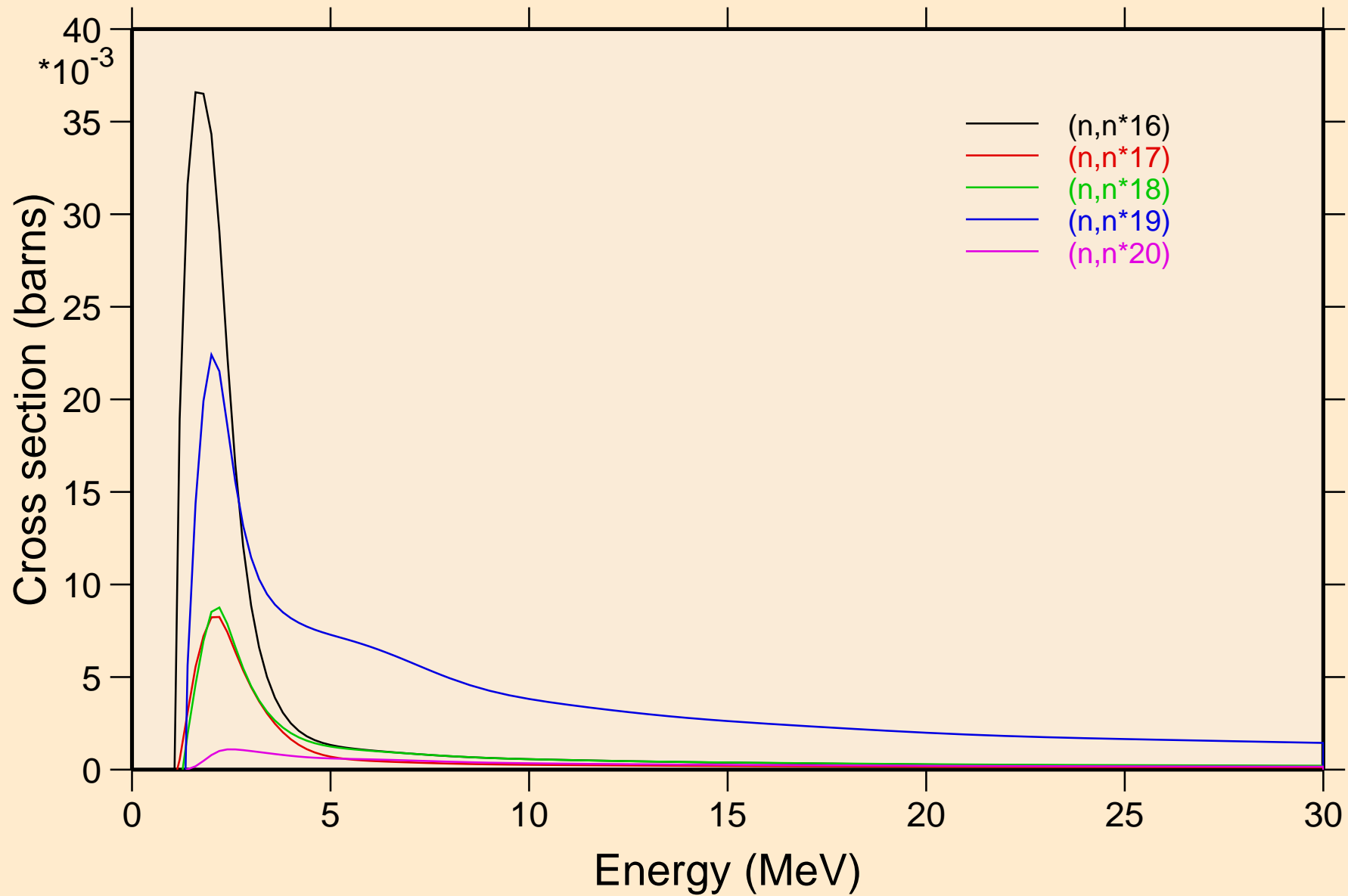
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



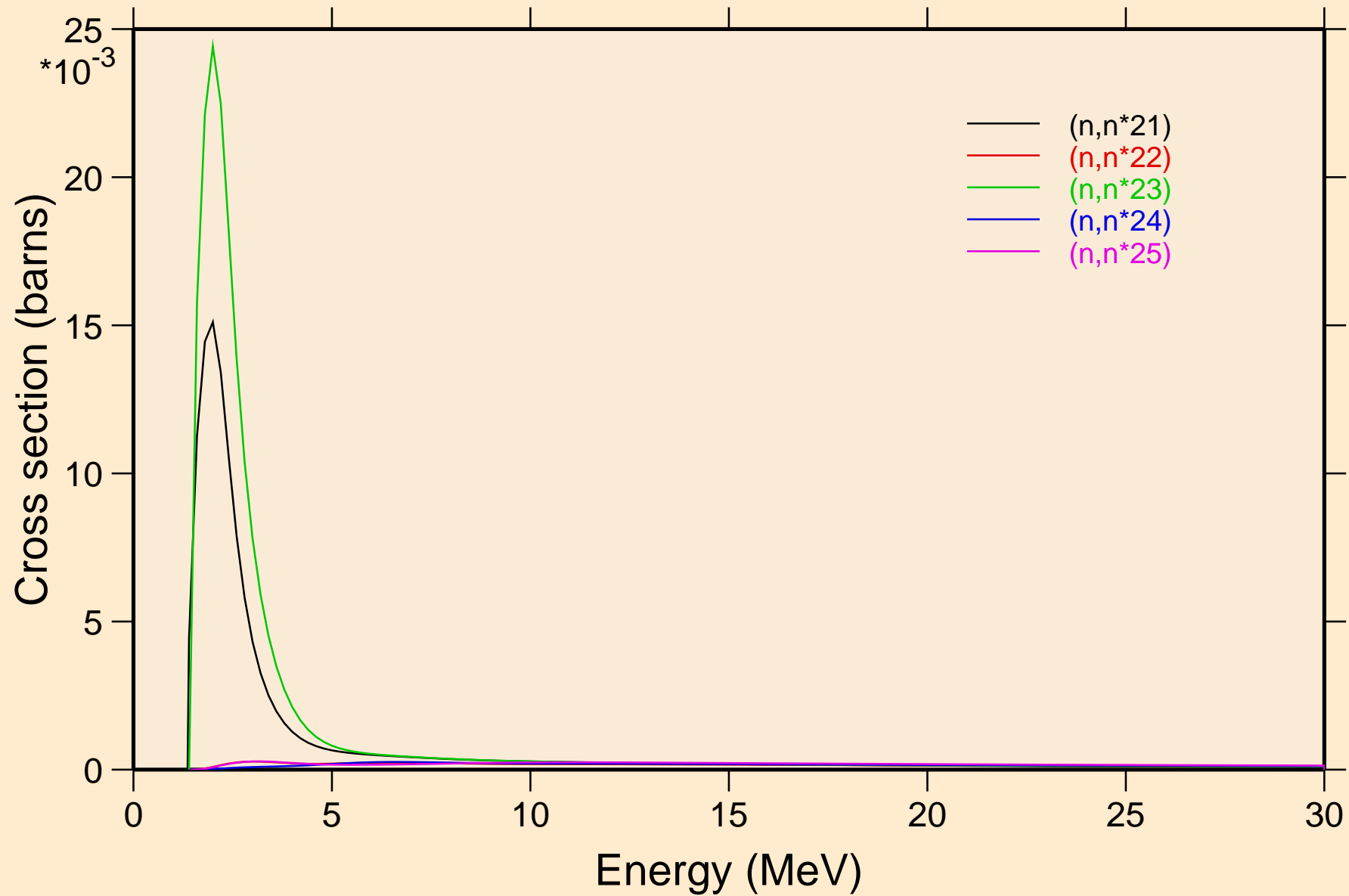
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



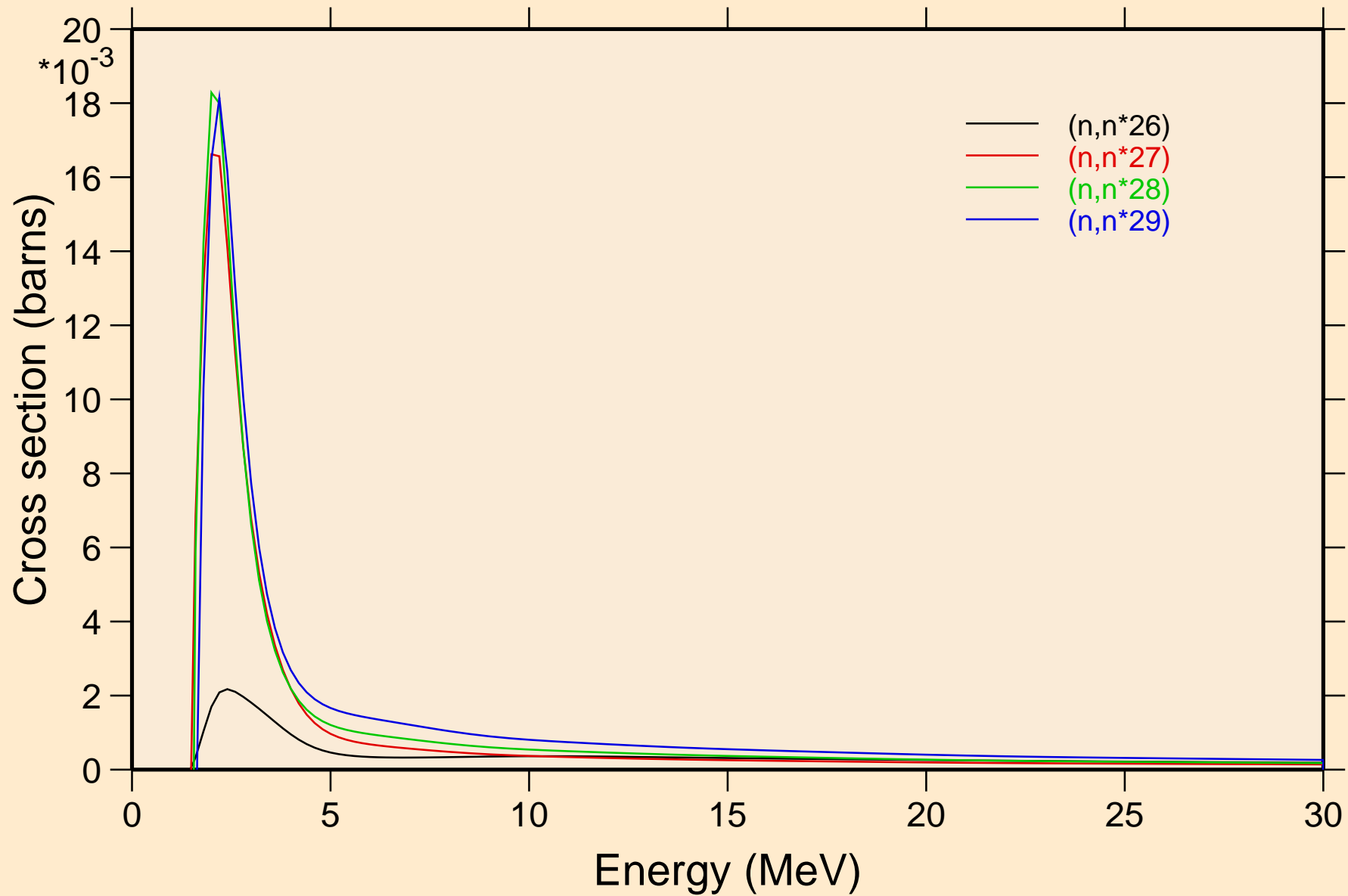
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Inelastic levels



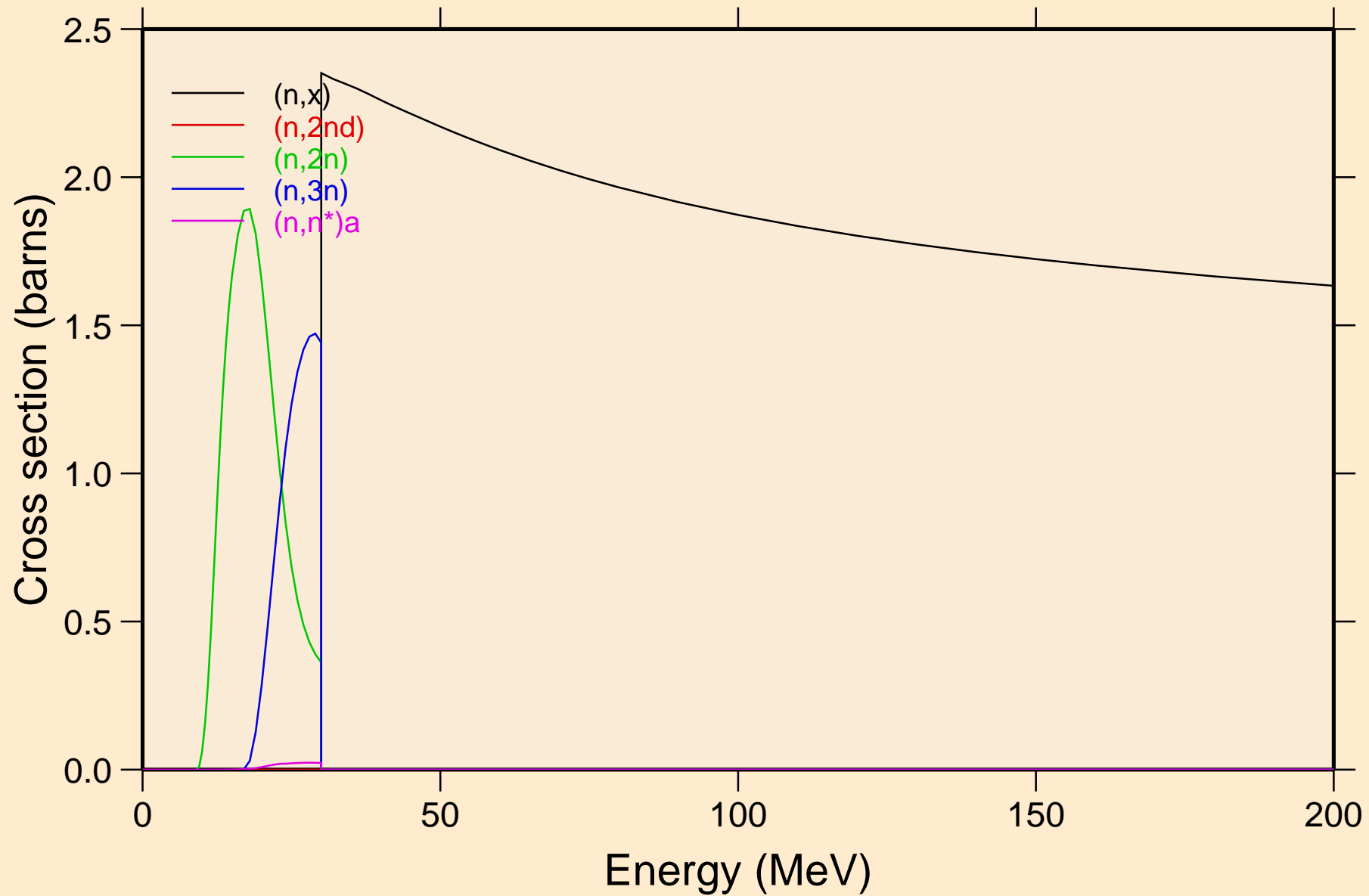
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Inelastic levels



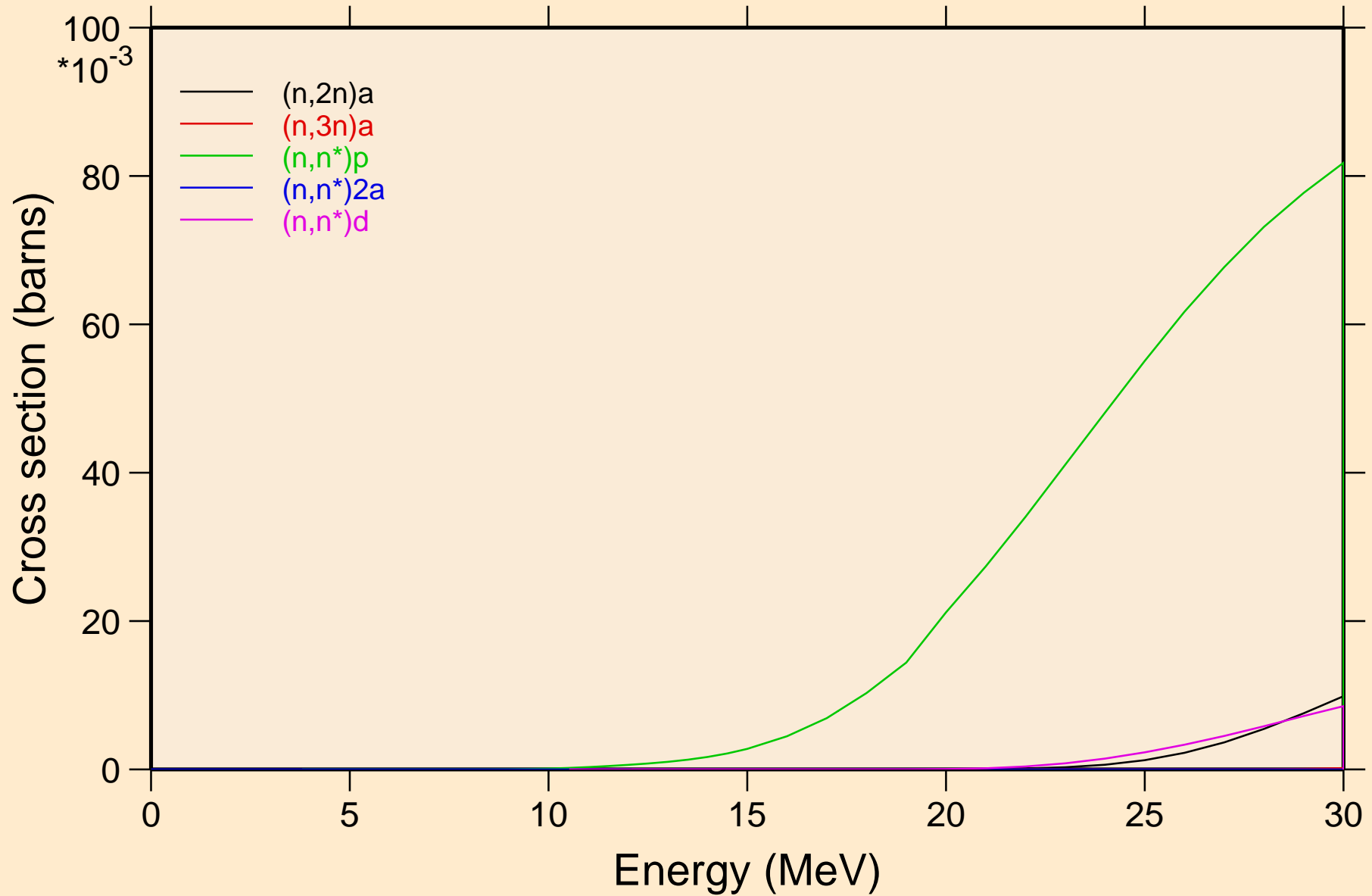
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

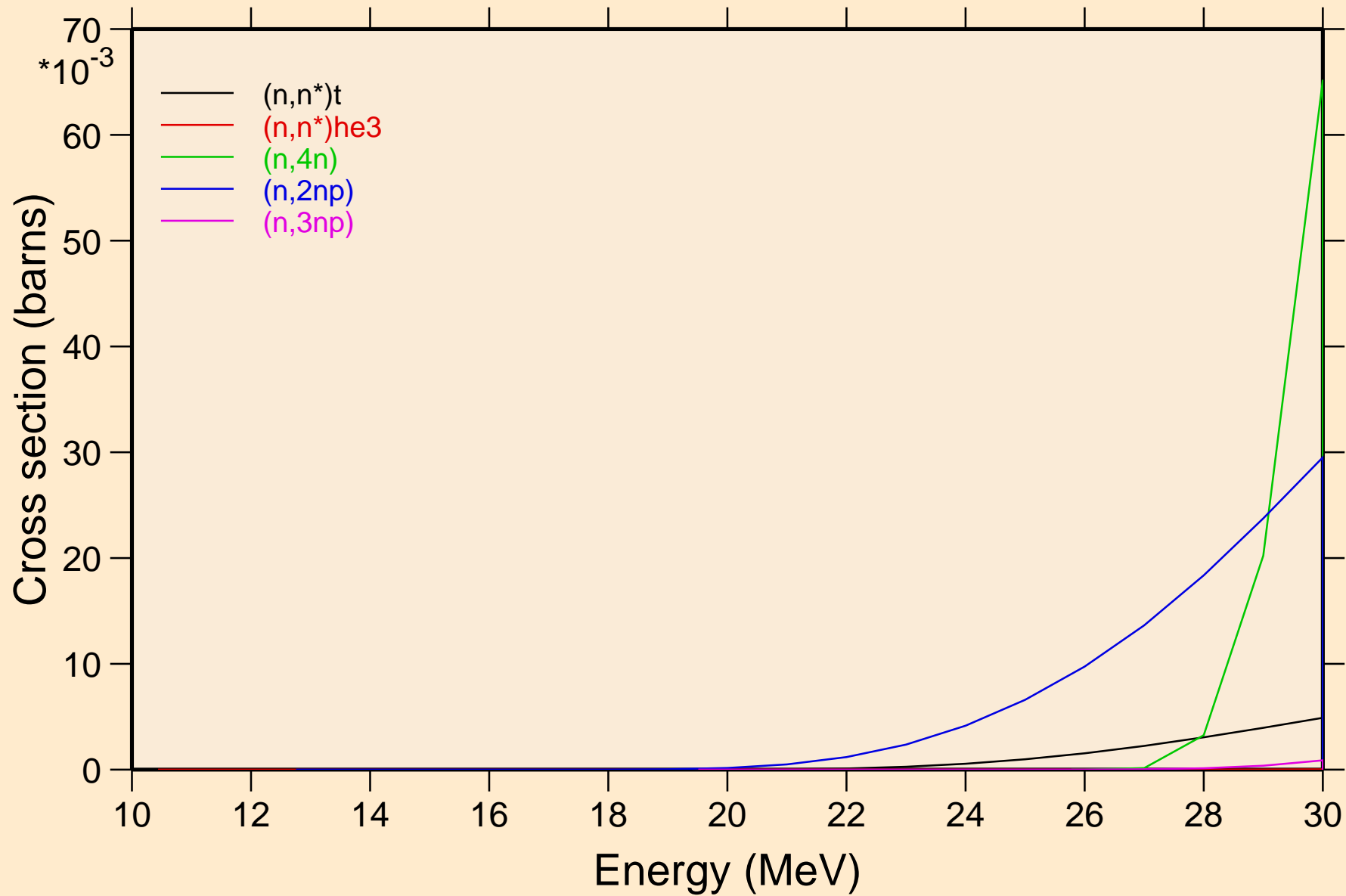


AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

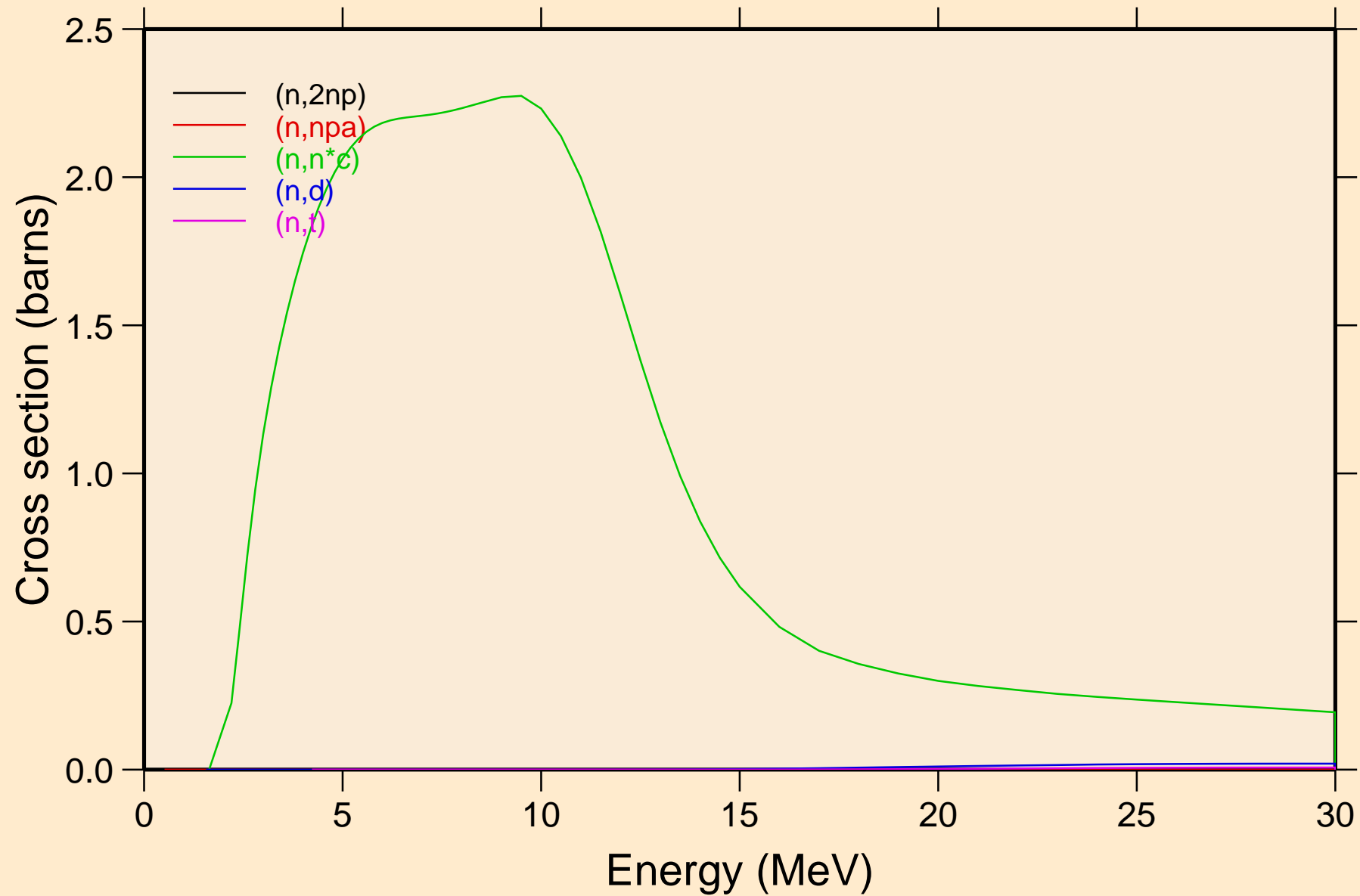




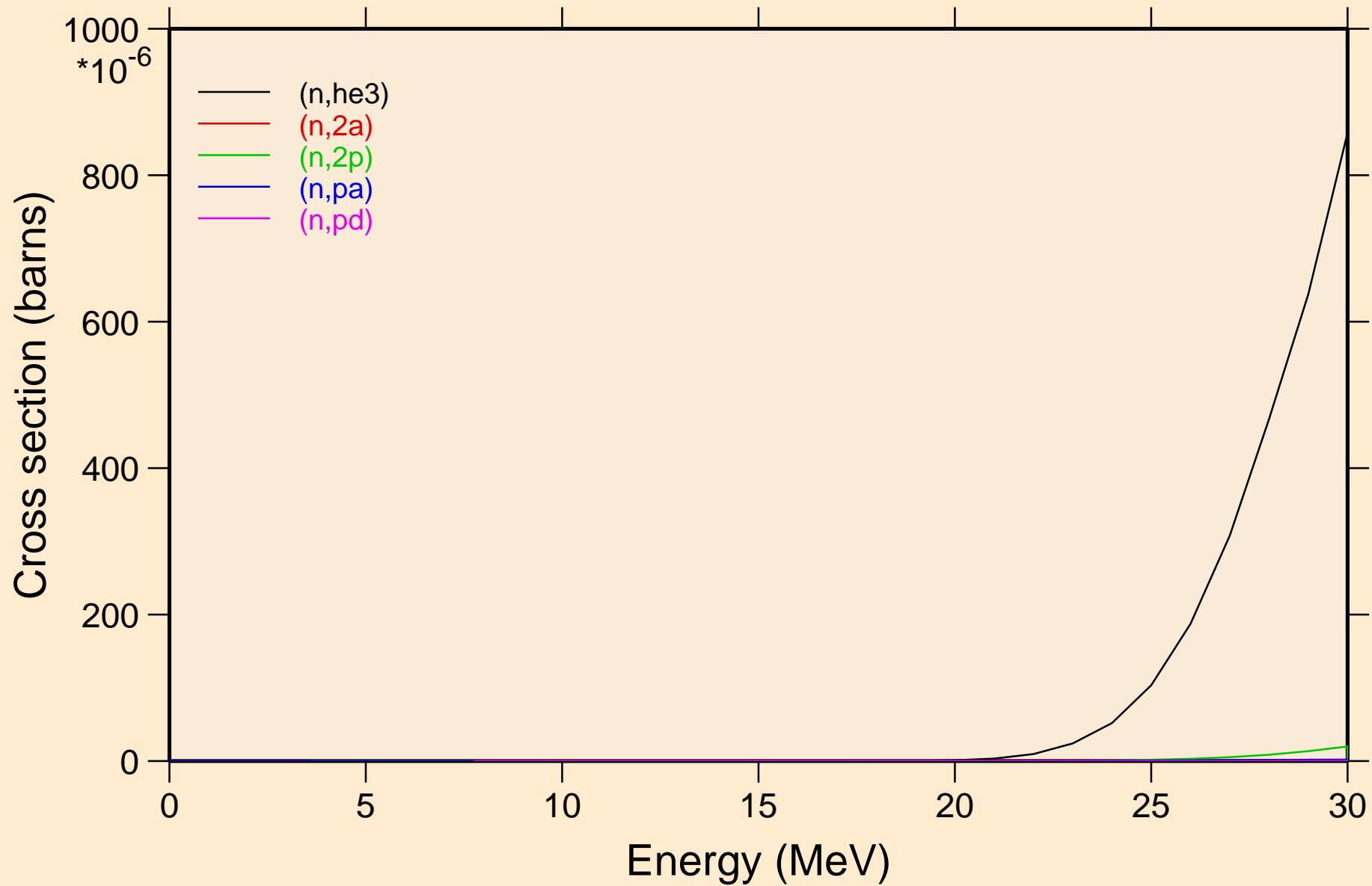
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



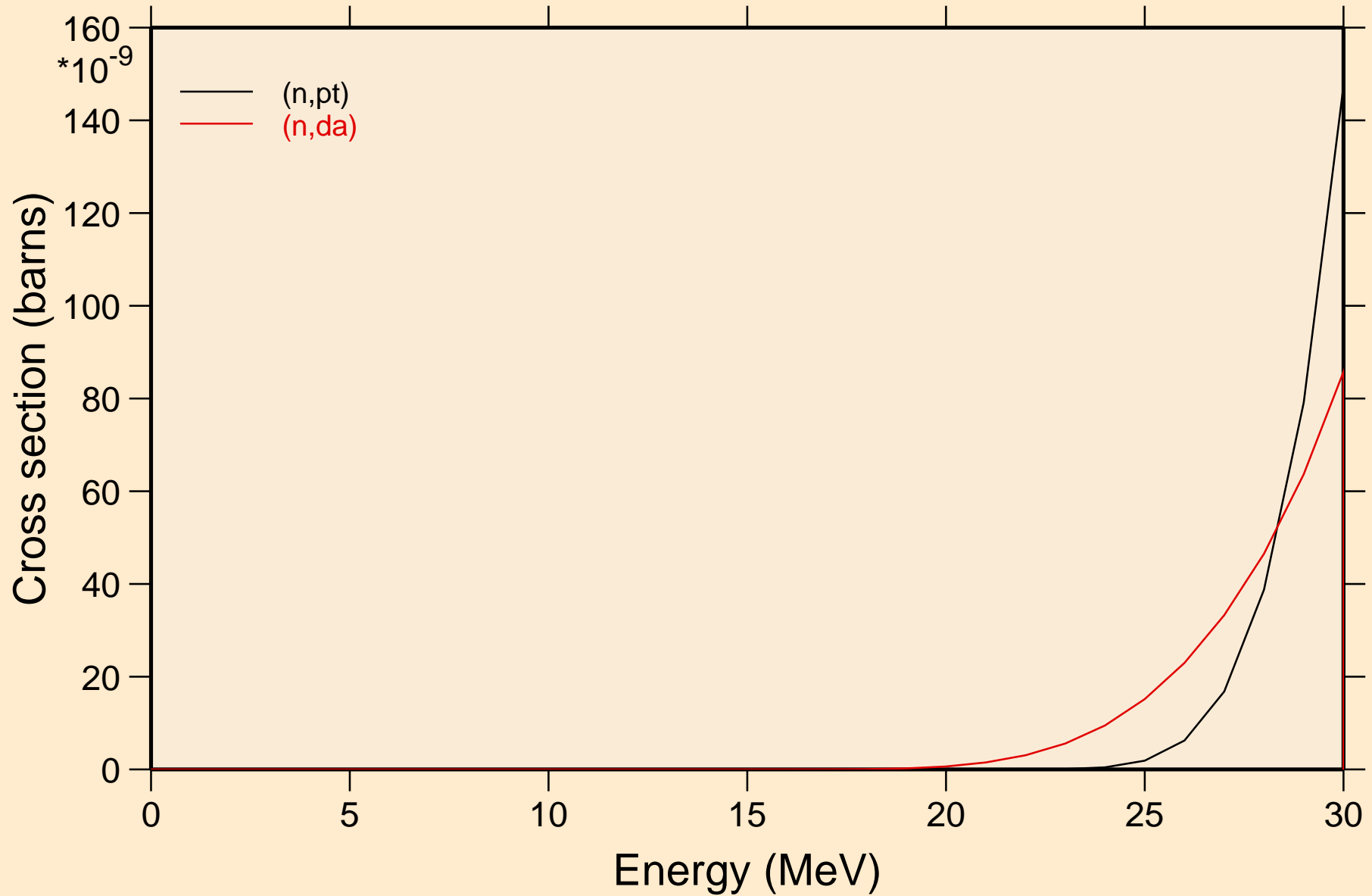
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



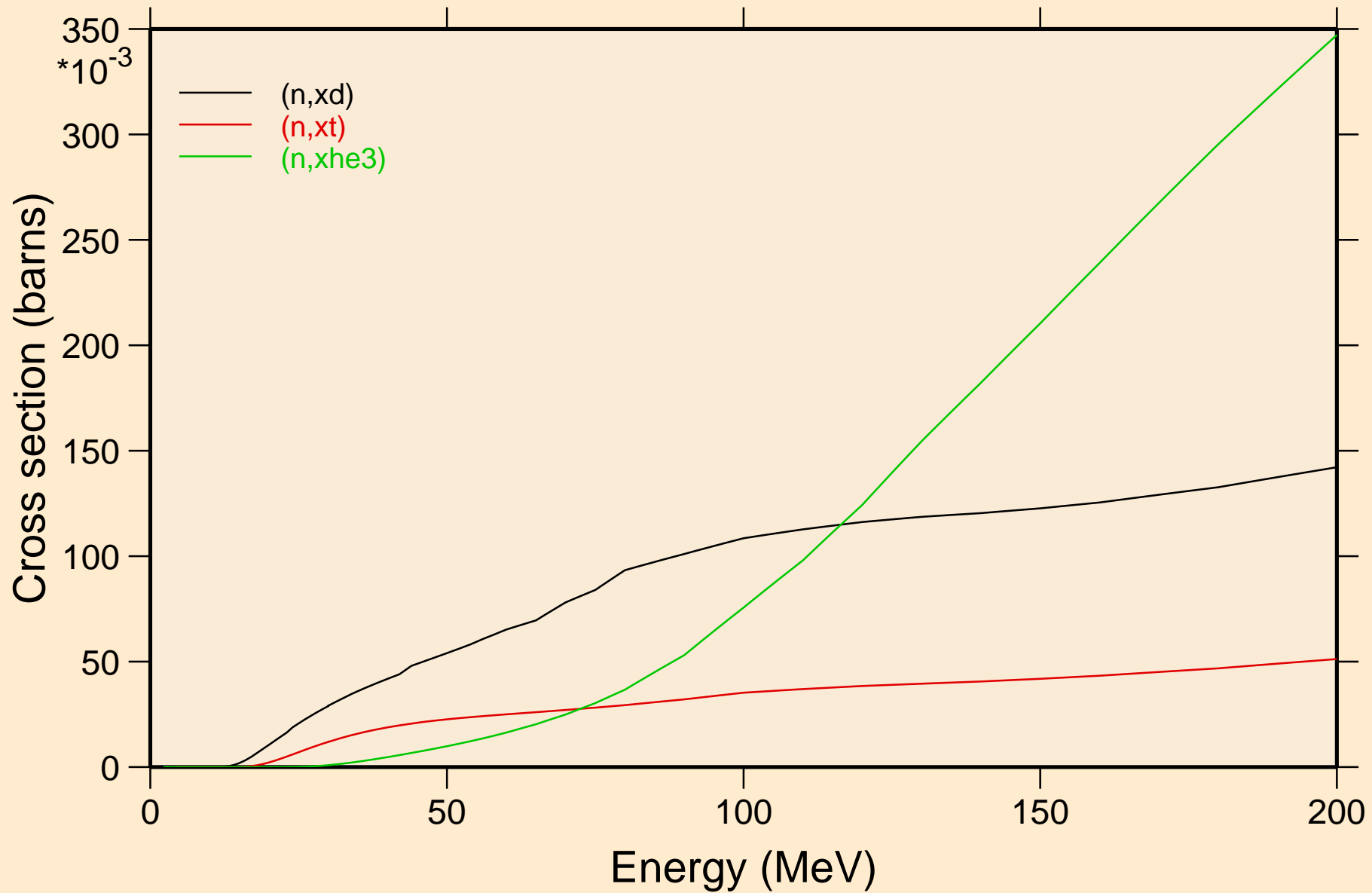
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



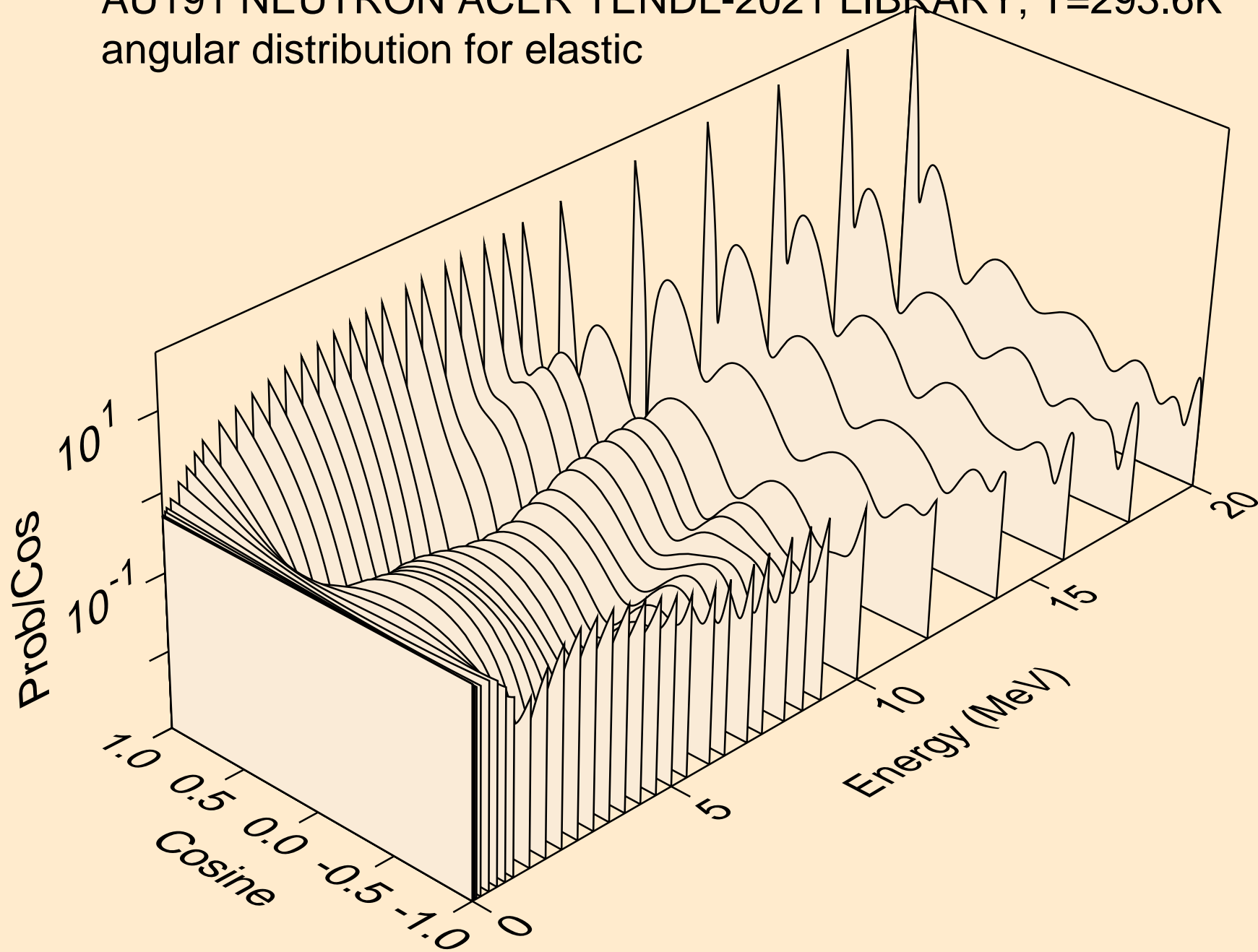
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



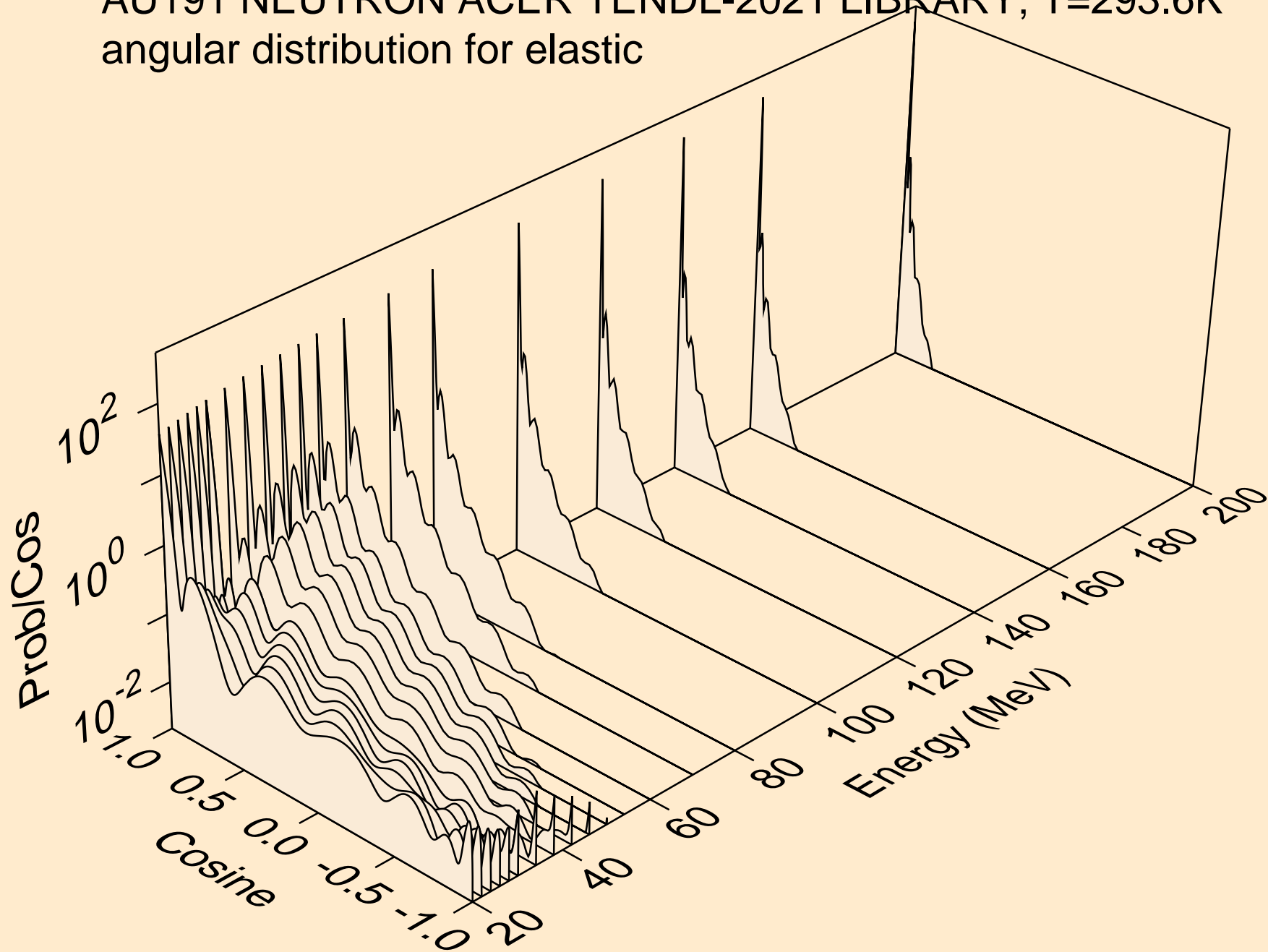
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Threshold reactions



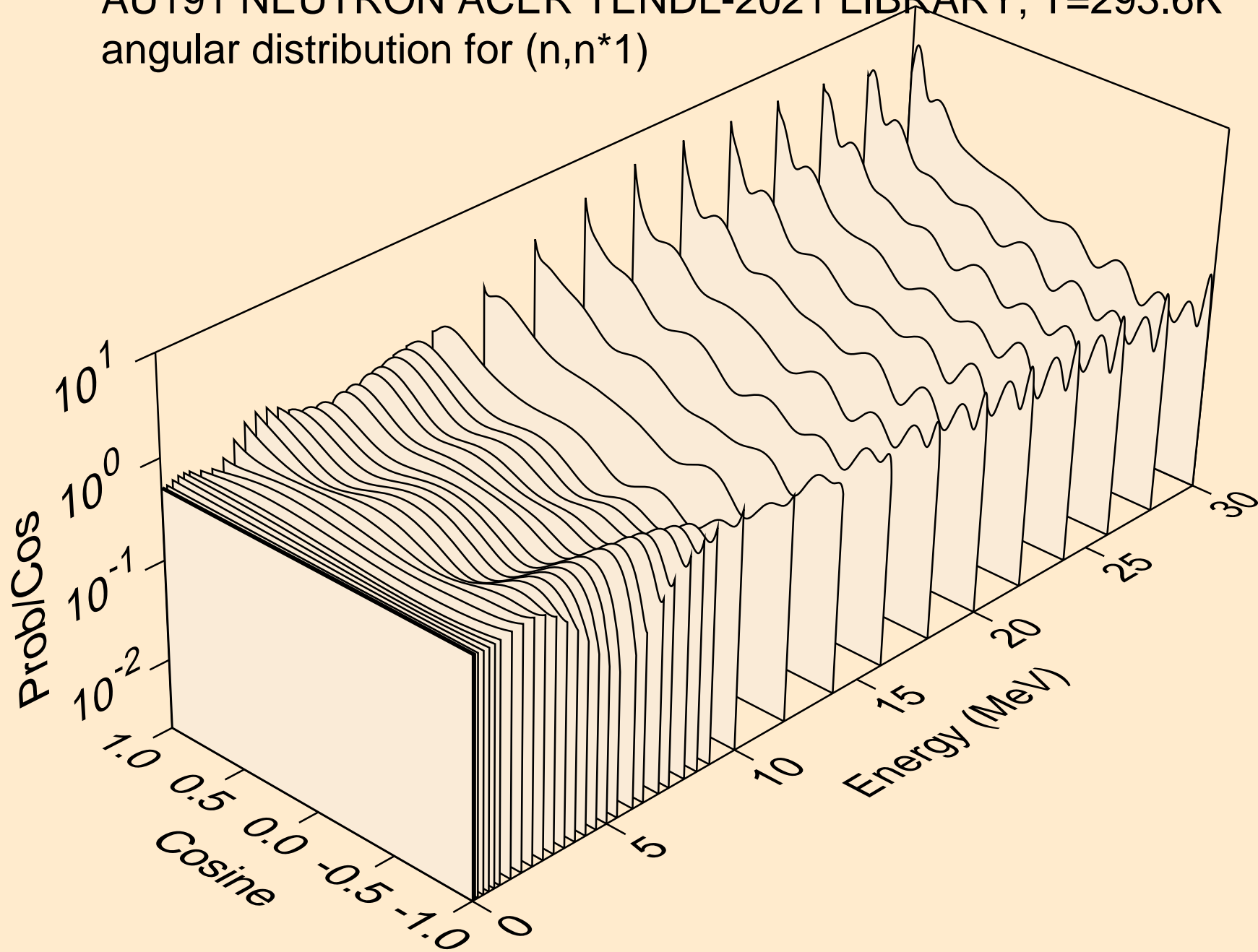
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

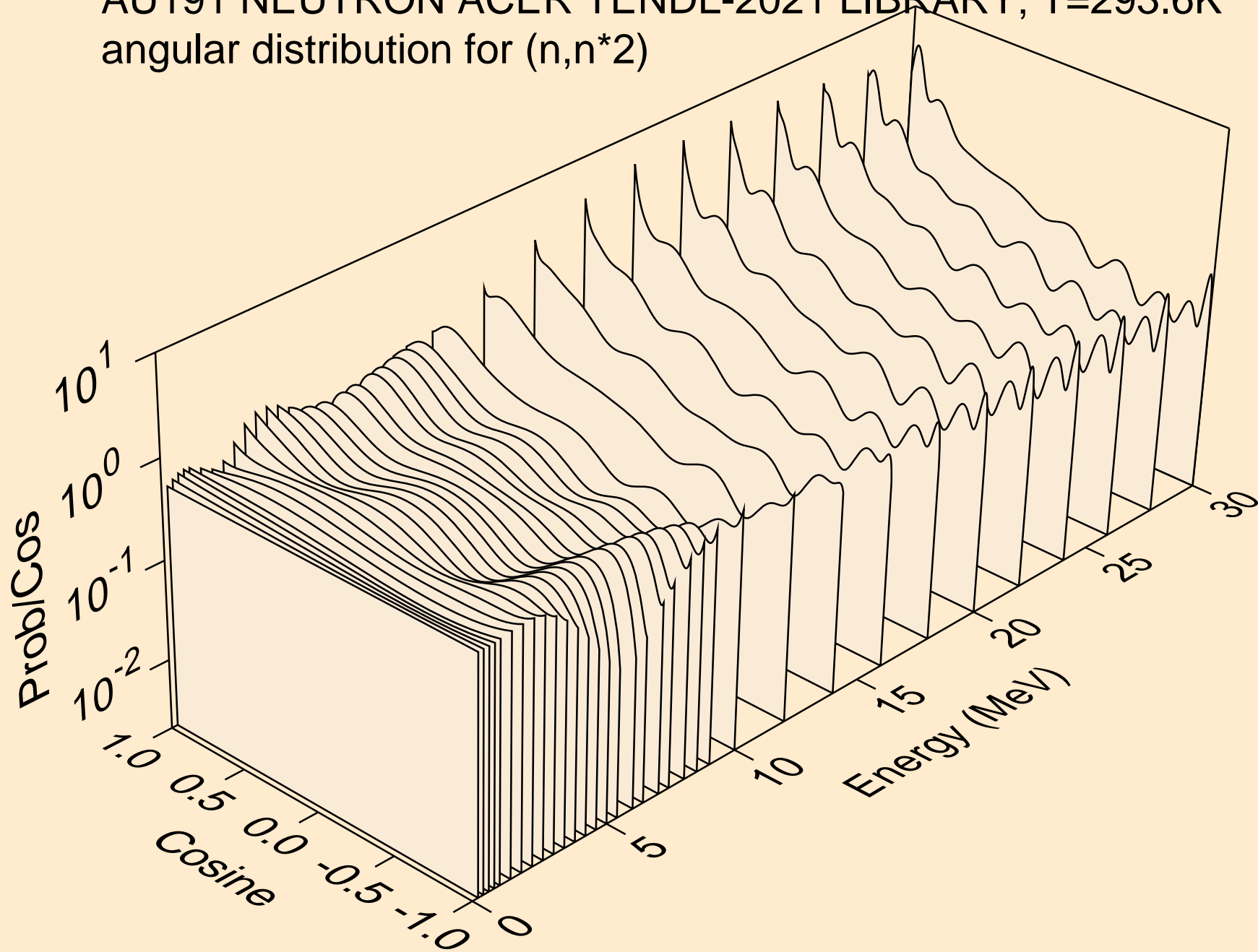


AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

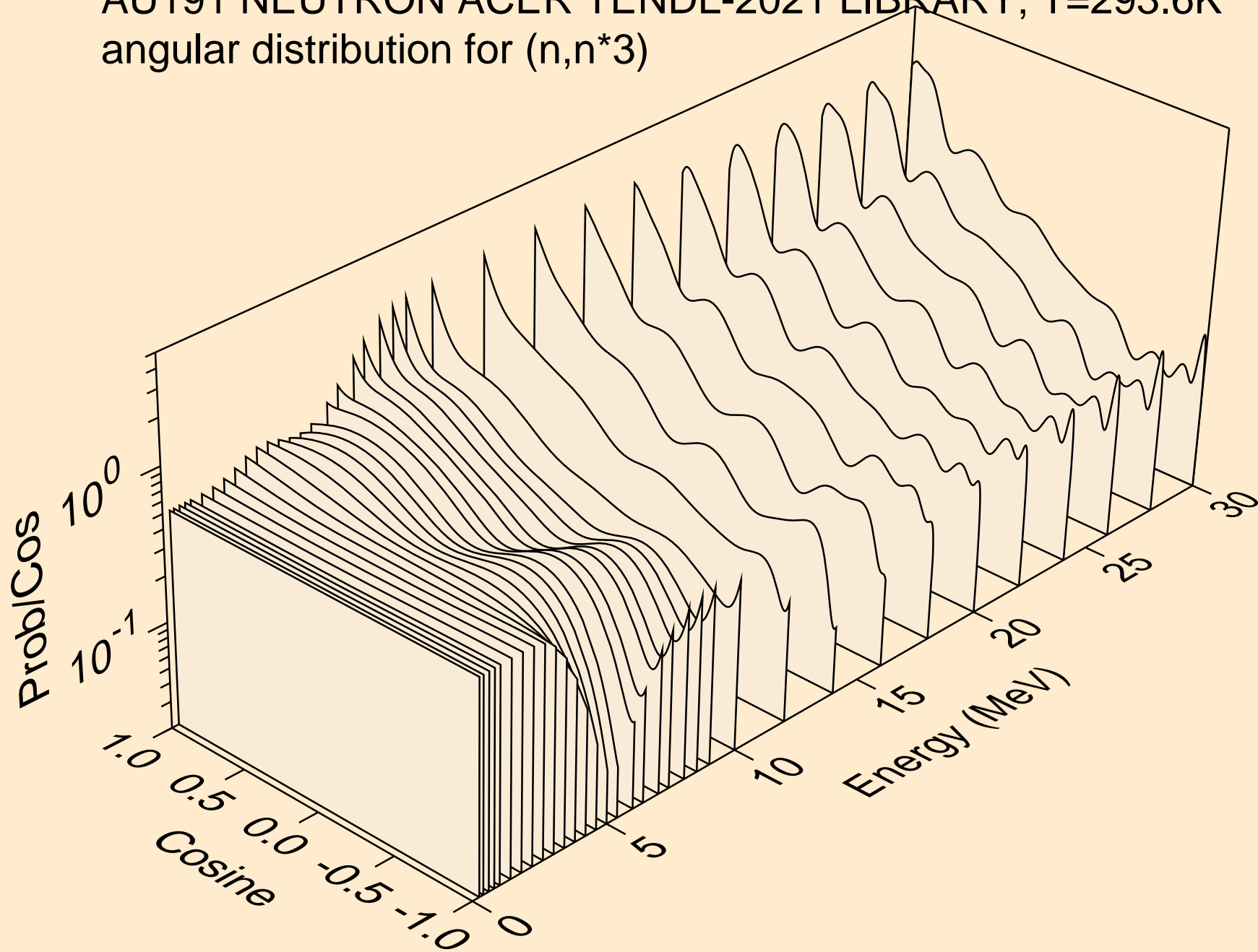




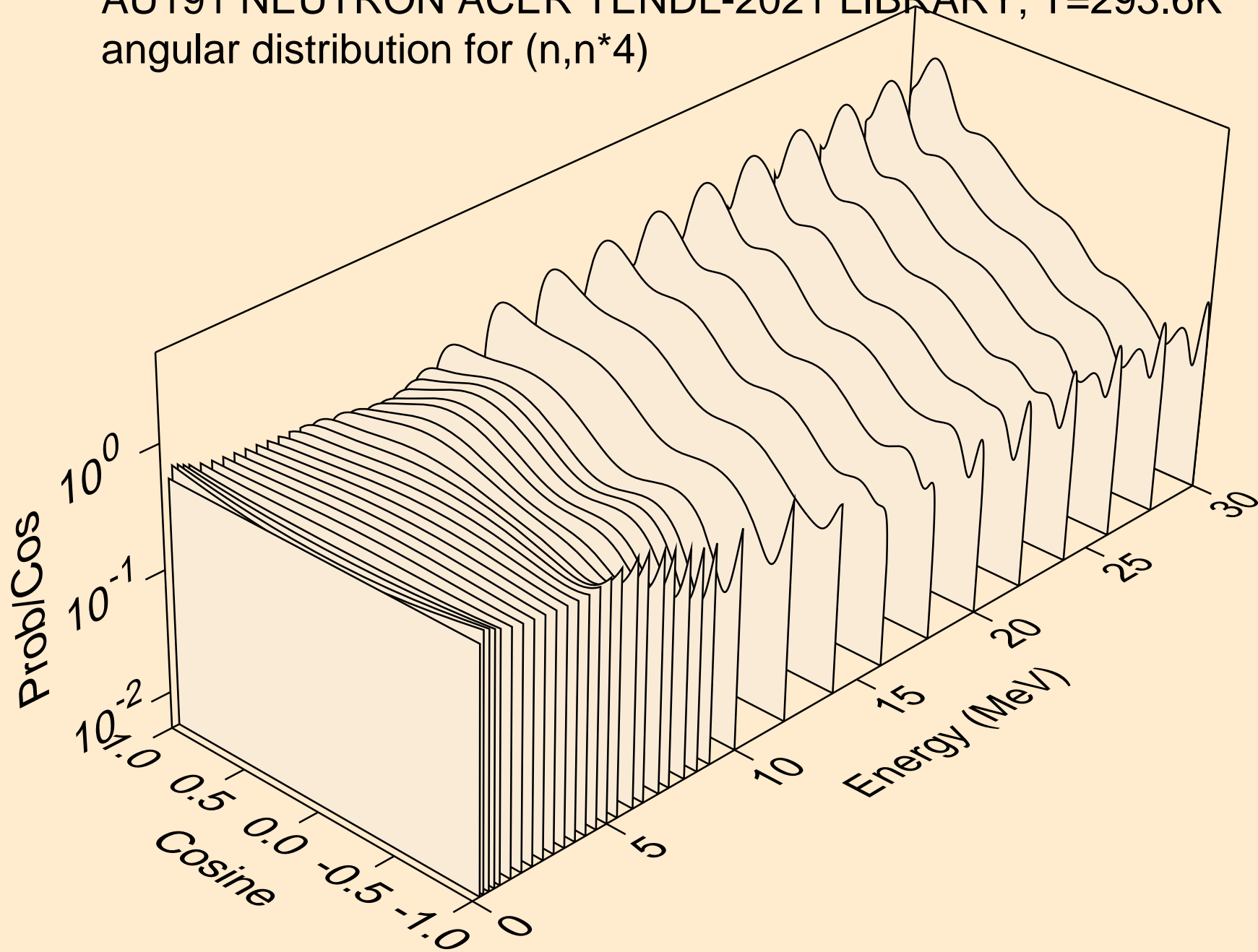
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angular distribution for (n,n\*2)



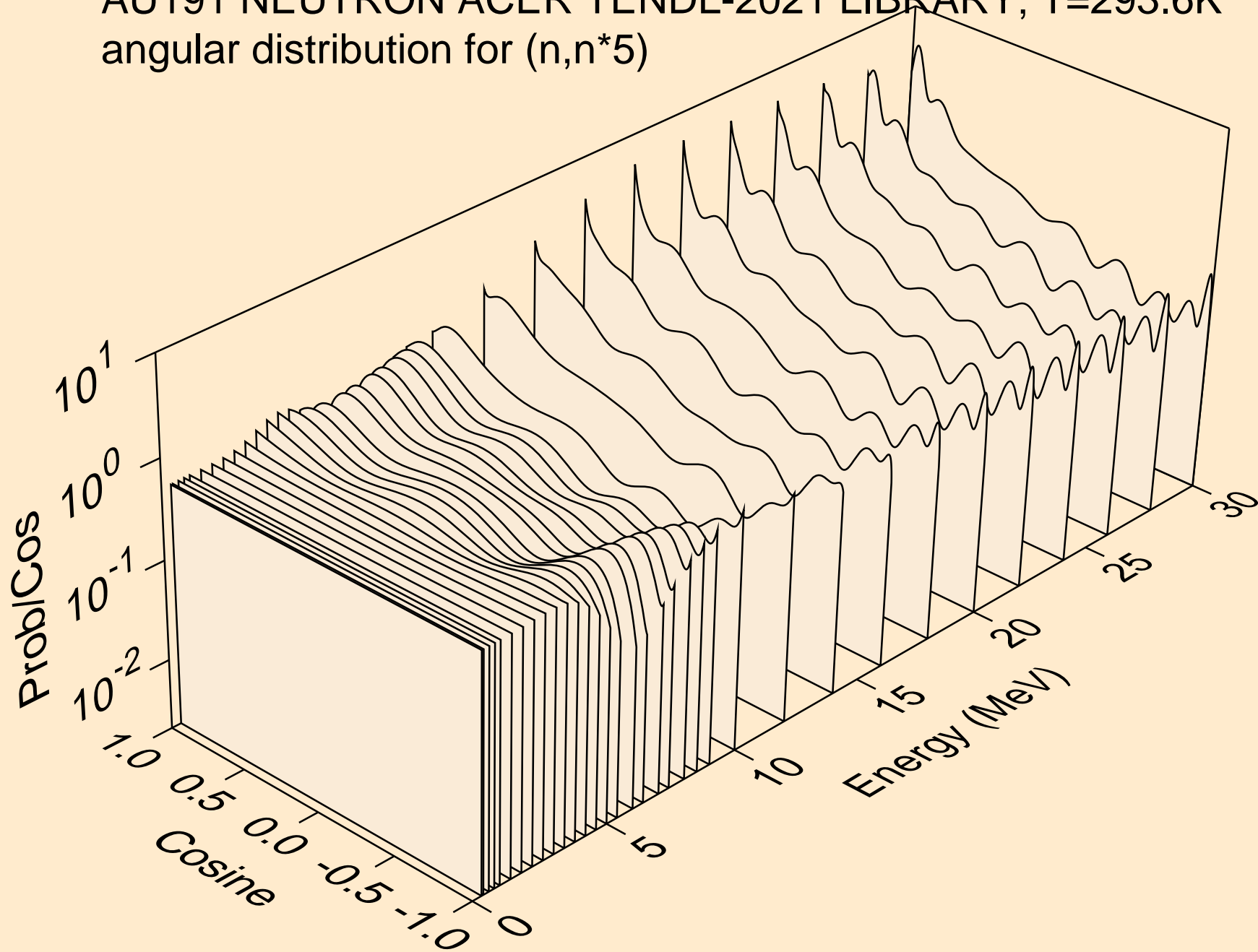
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angular distribution for (n,n\*3)



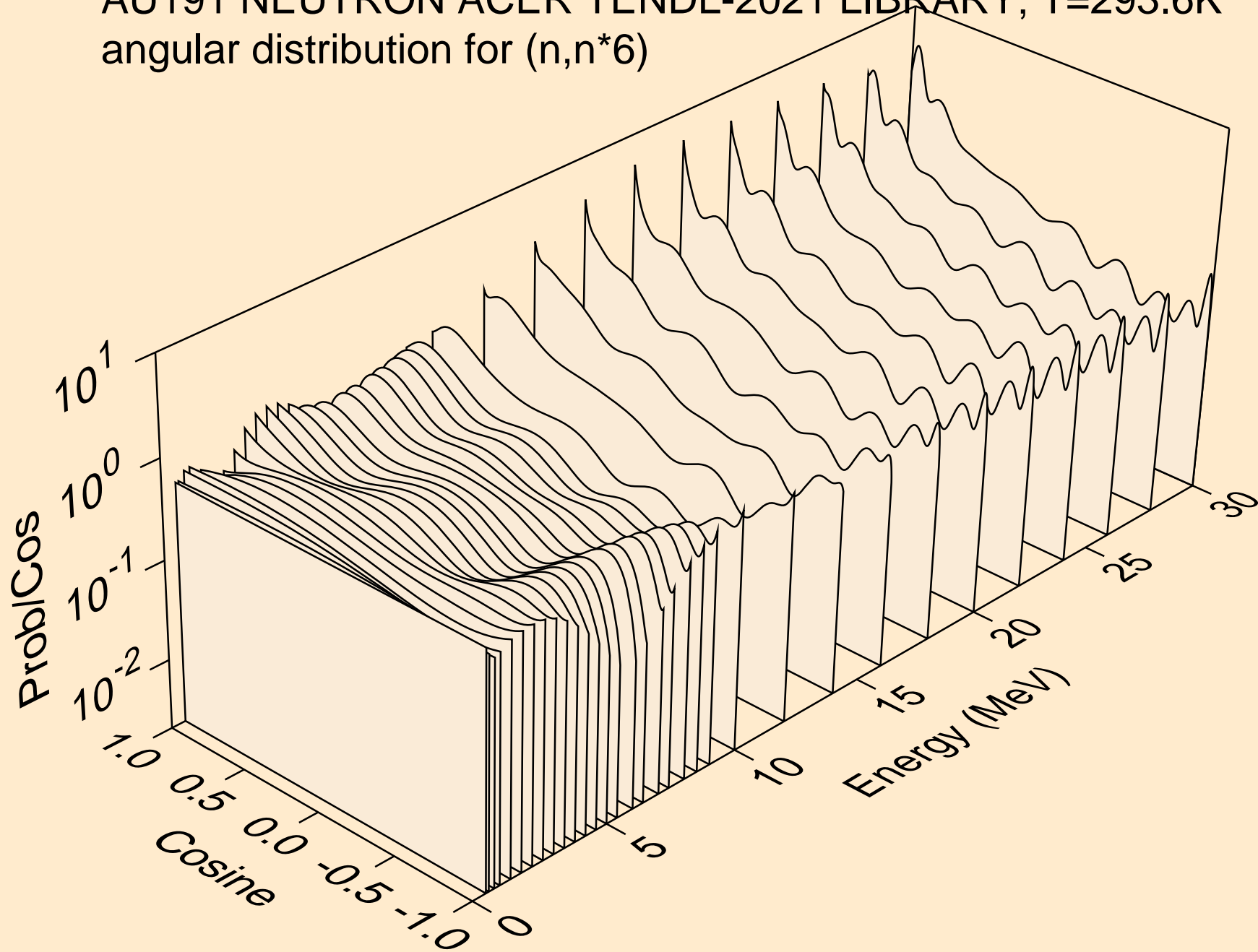
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angular distribution for (n,n\*4)



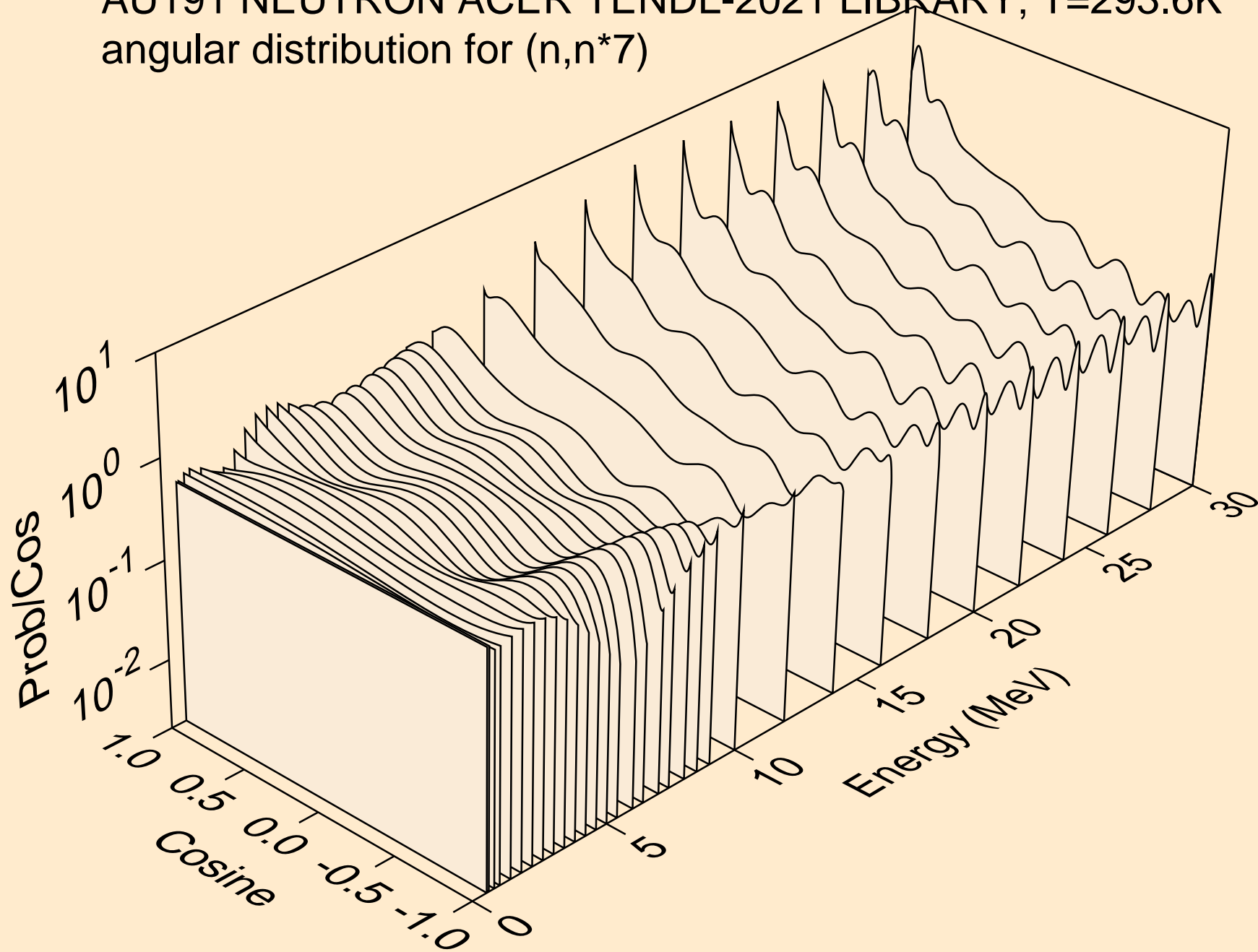
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angular distribution for (n,n\*5)



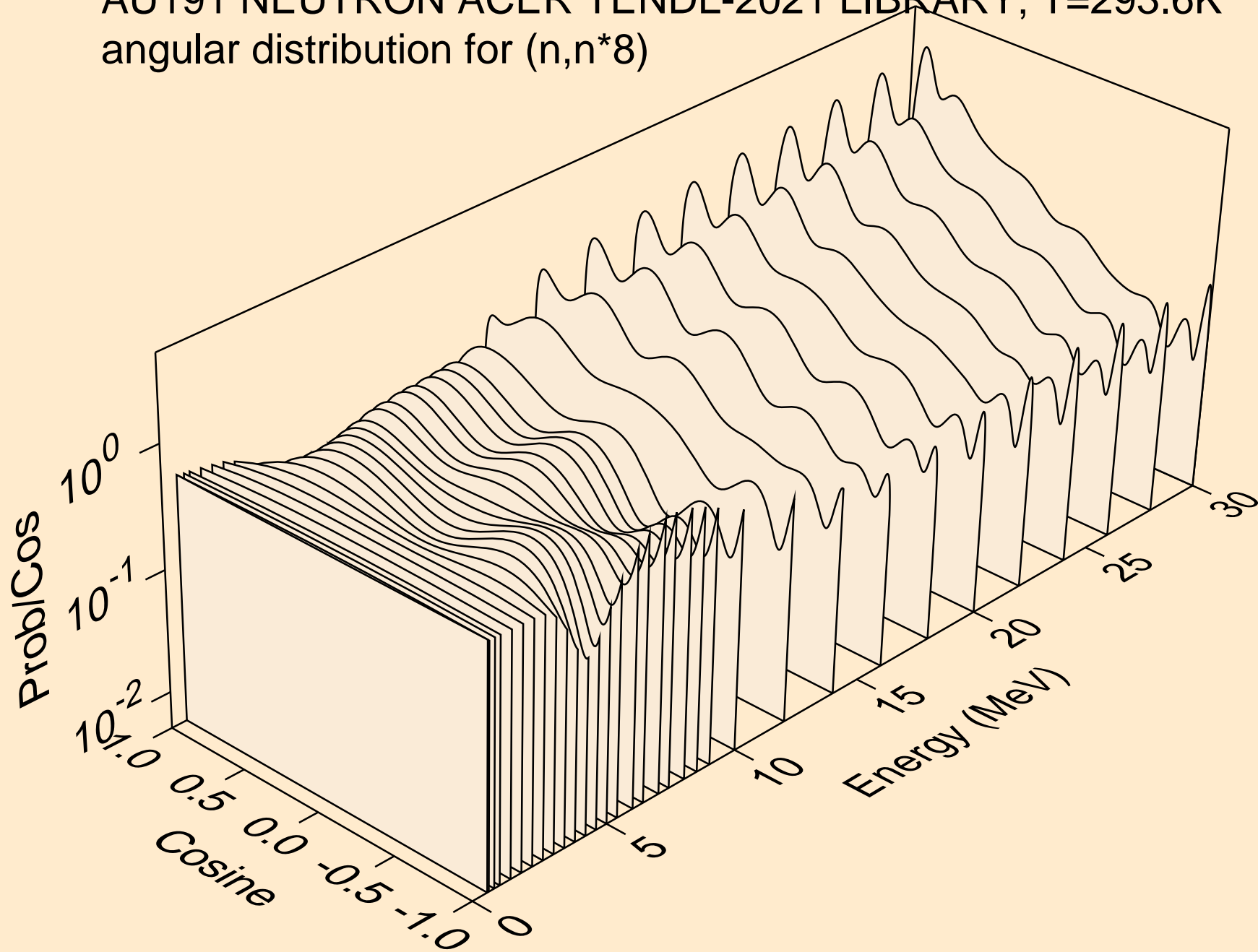
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angular distribution for (n,n\*6)



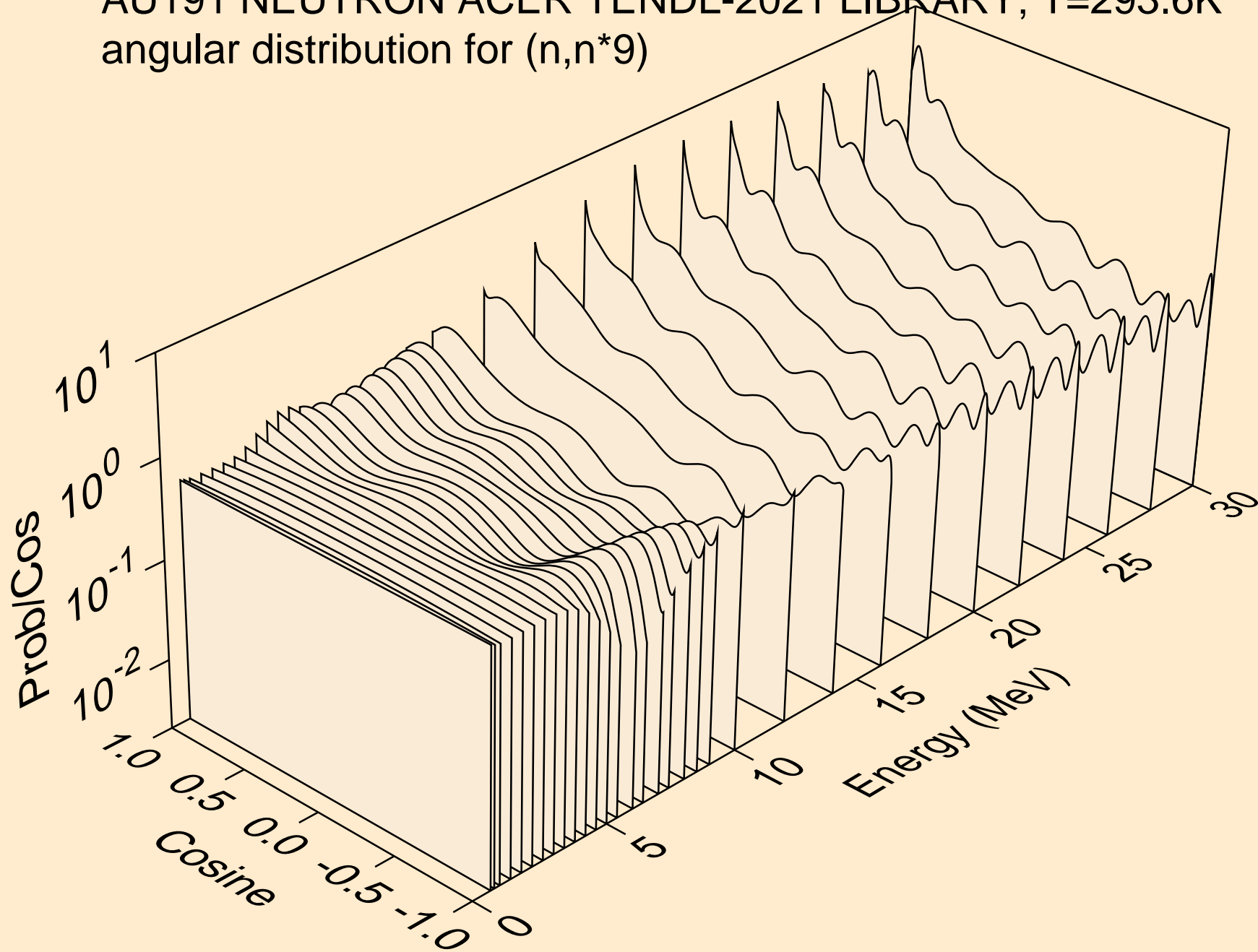
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angular distribution for (n,n\*7)



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

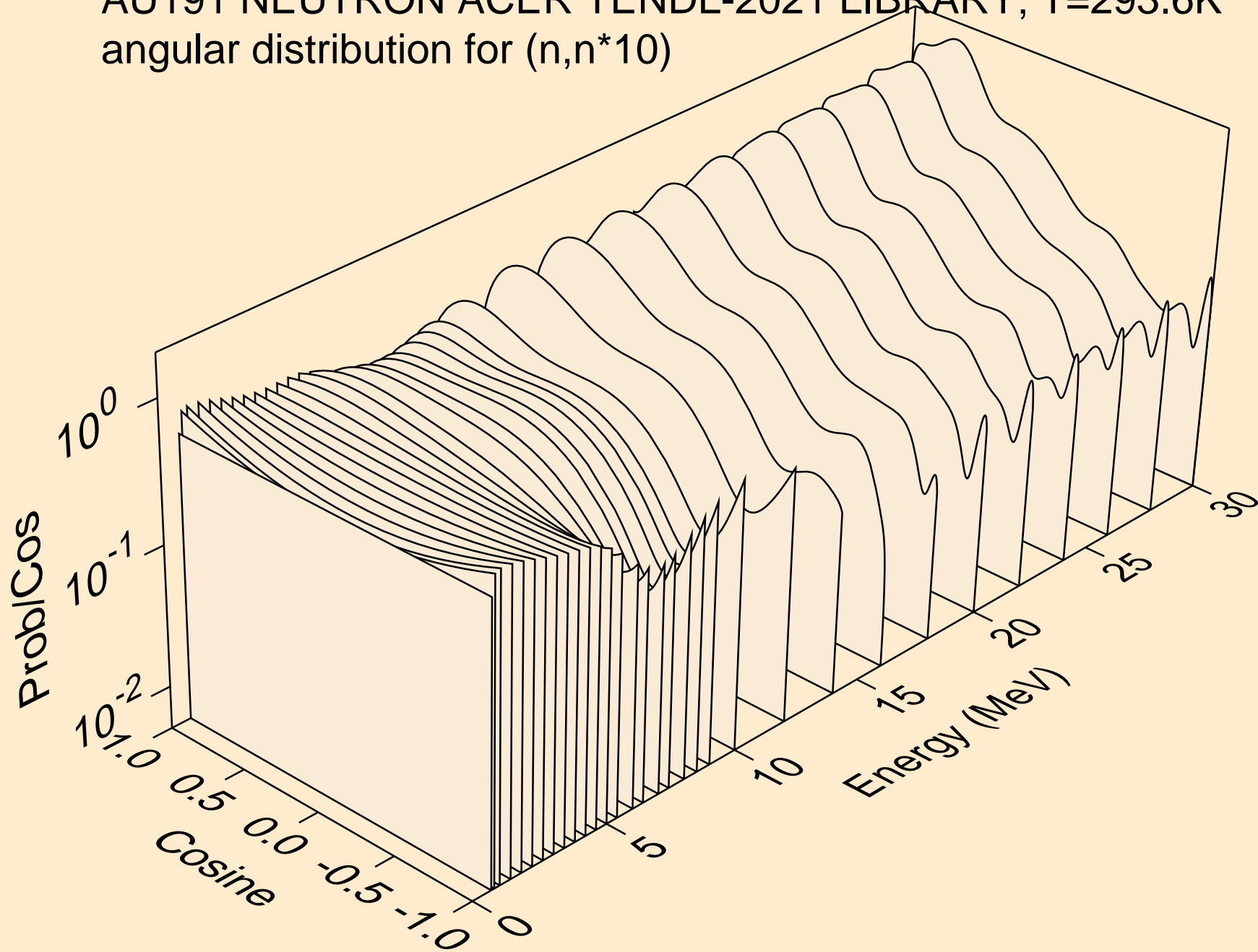


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angular distribution for (n,n\*9)

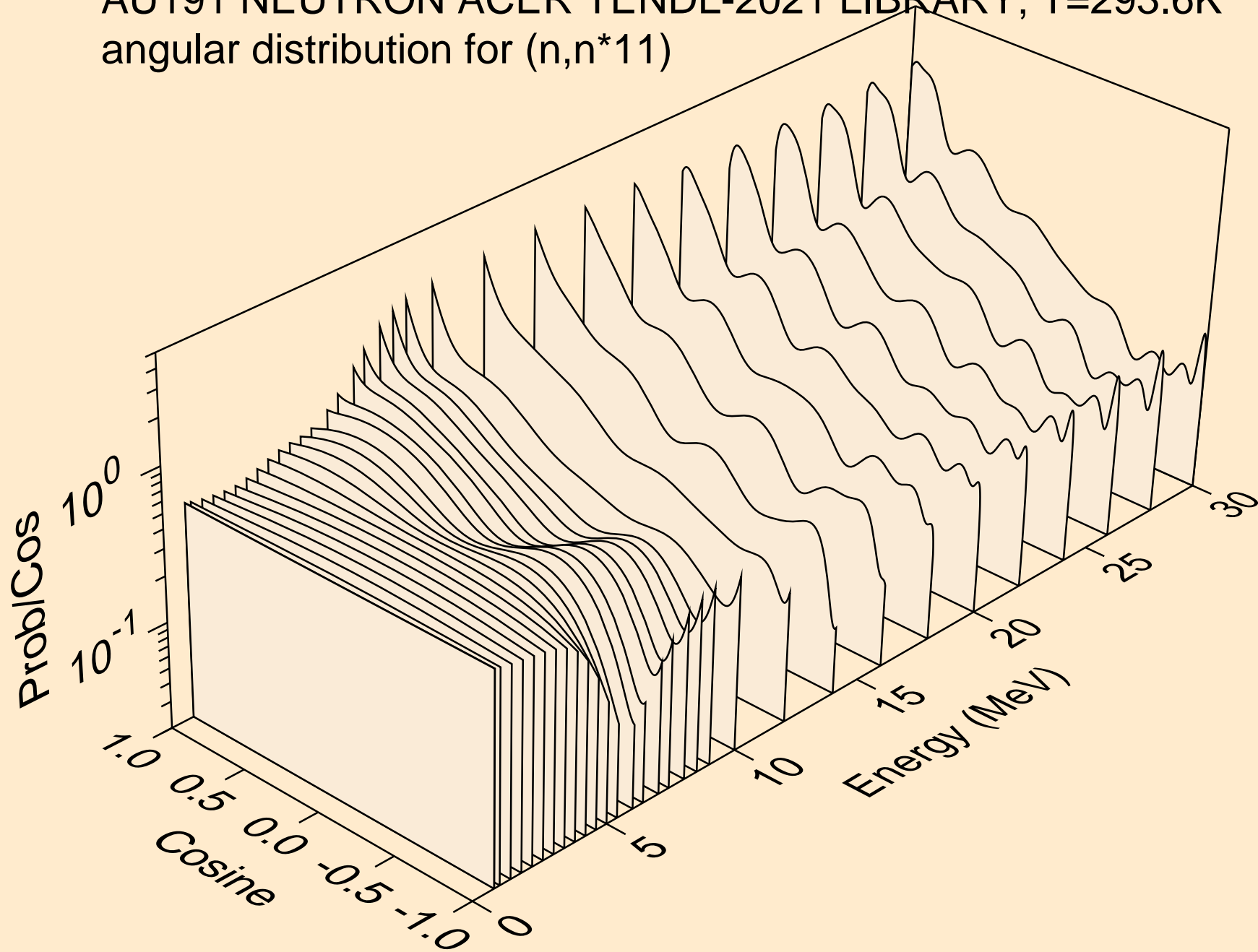




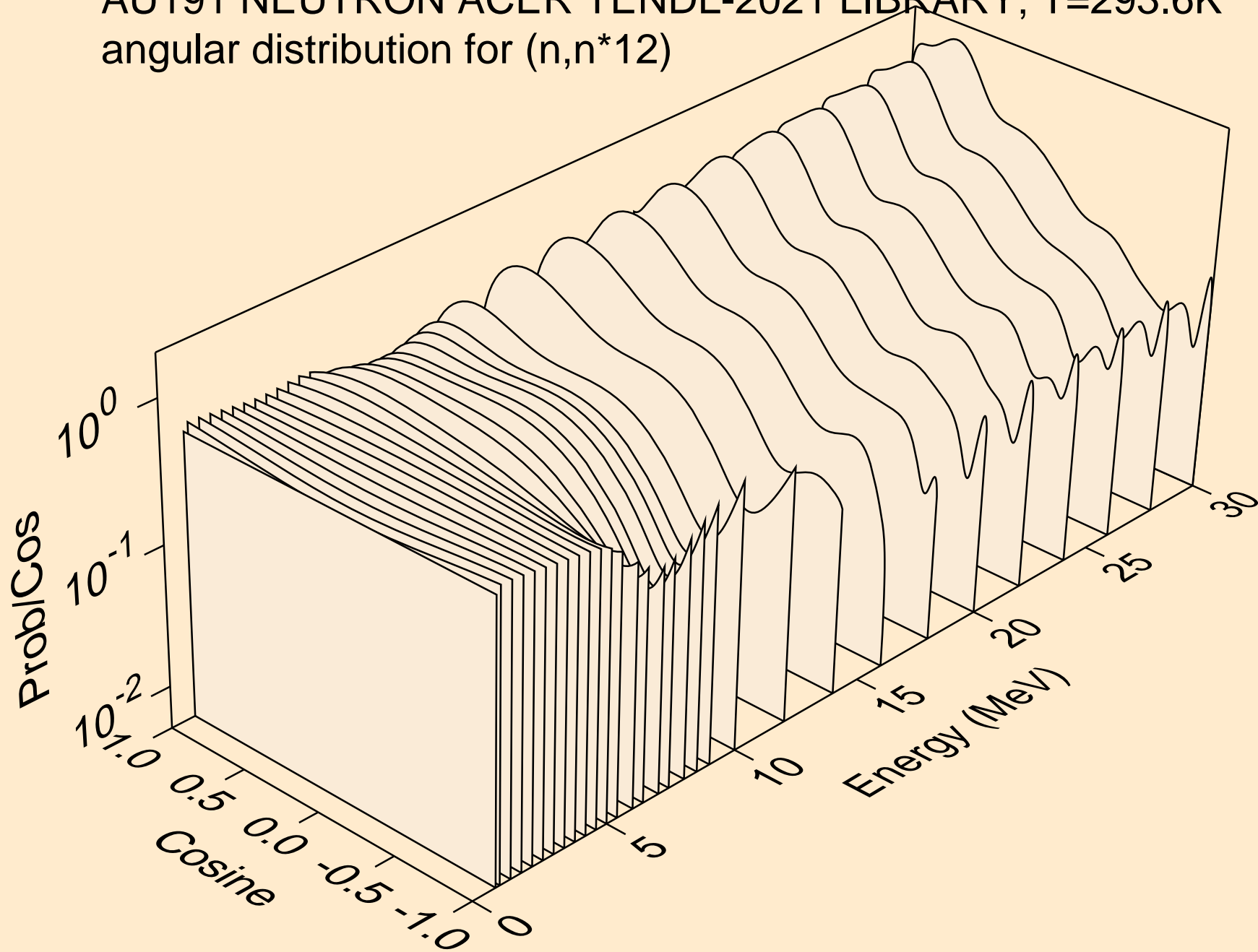
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angular distribution for (n,n\*10)



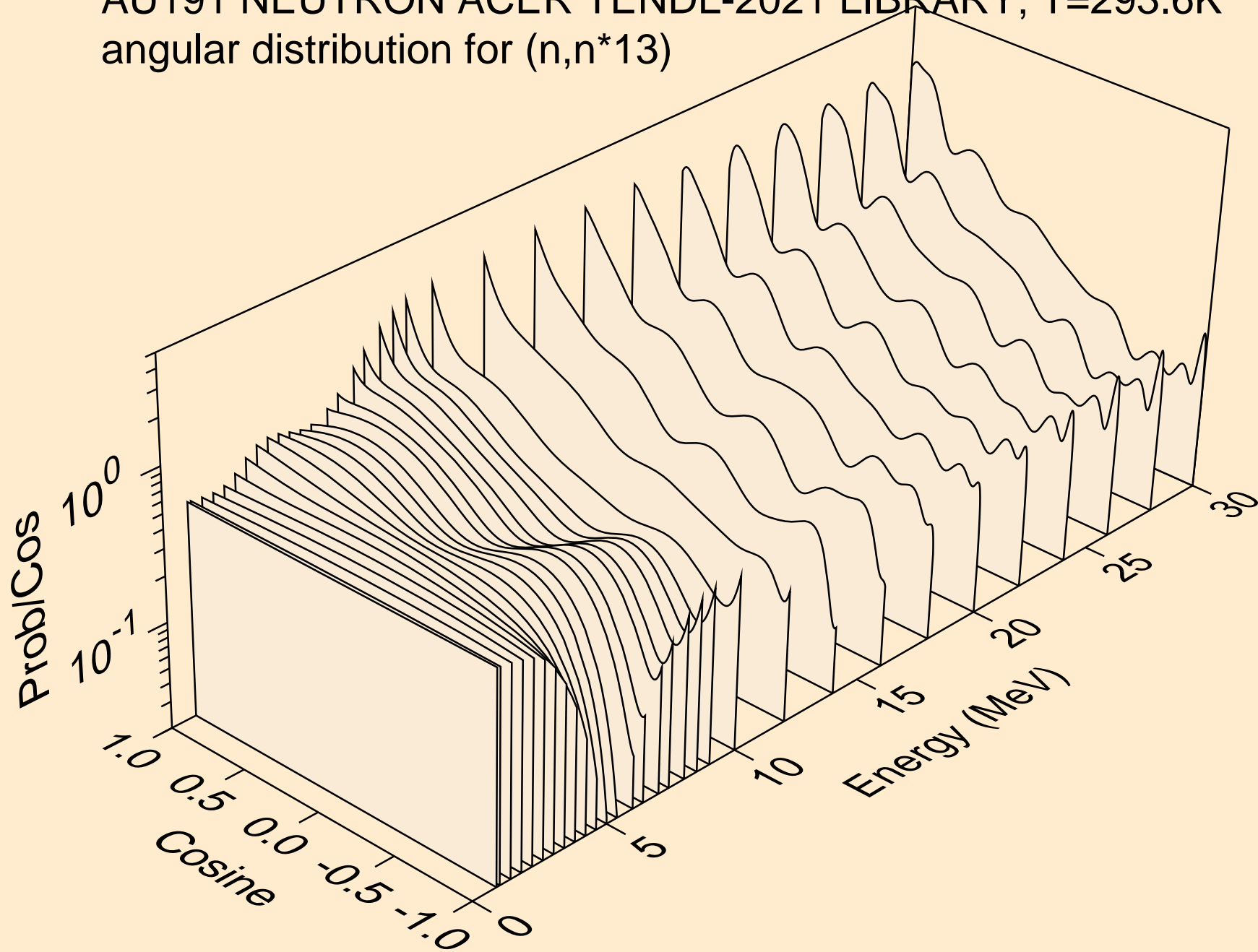
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angular distribution for (n,n\*11)



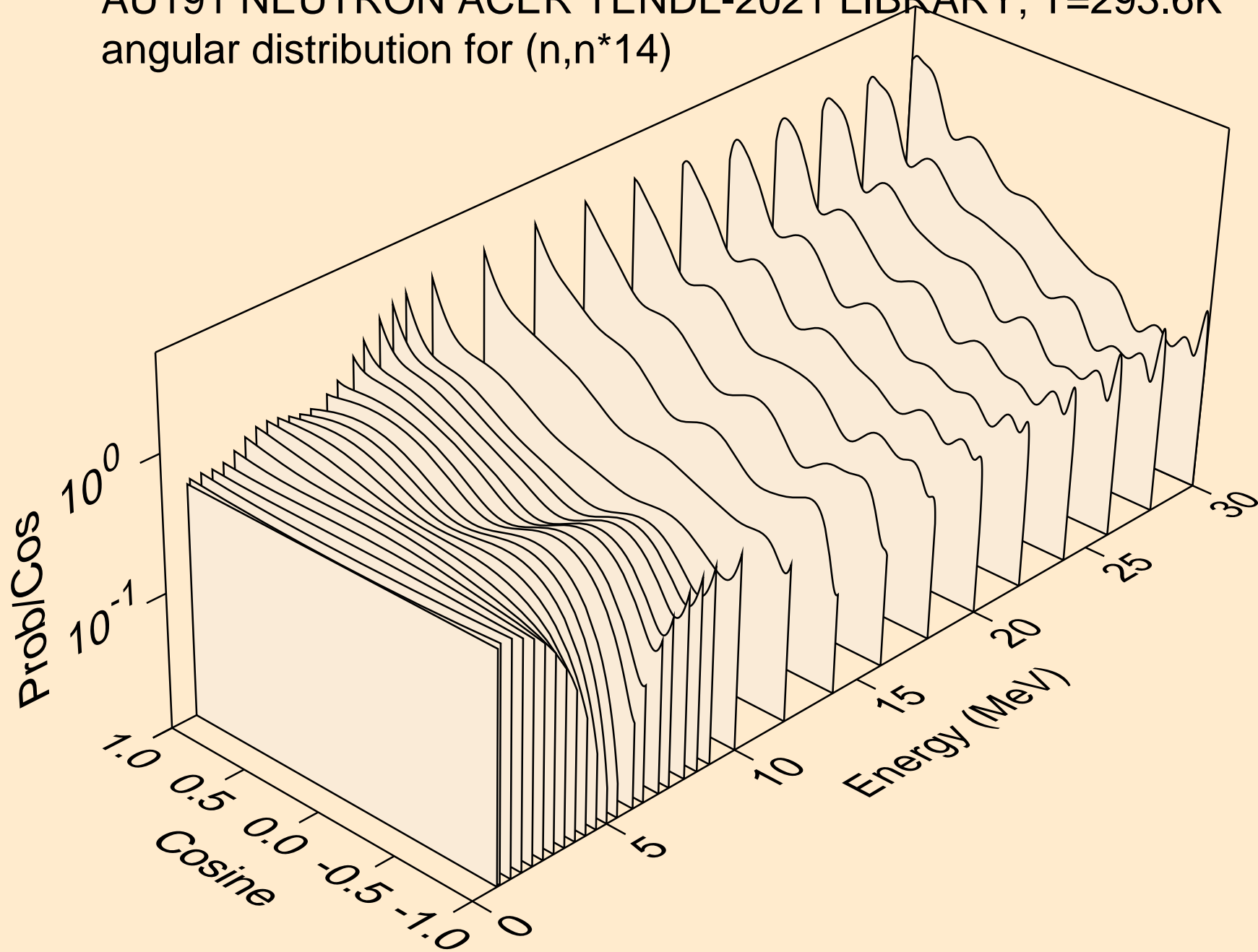
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angular distribution for (n,n\*12)



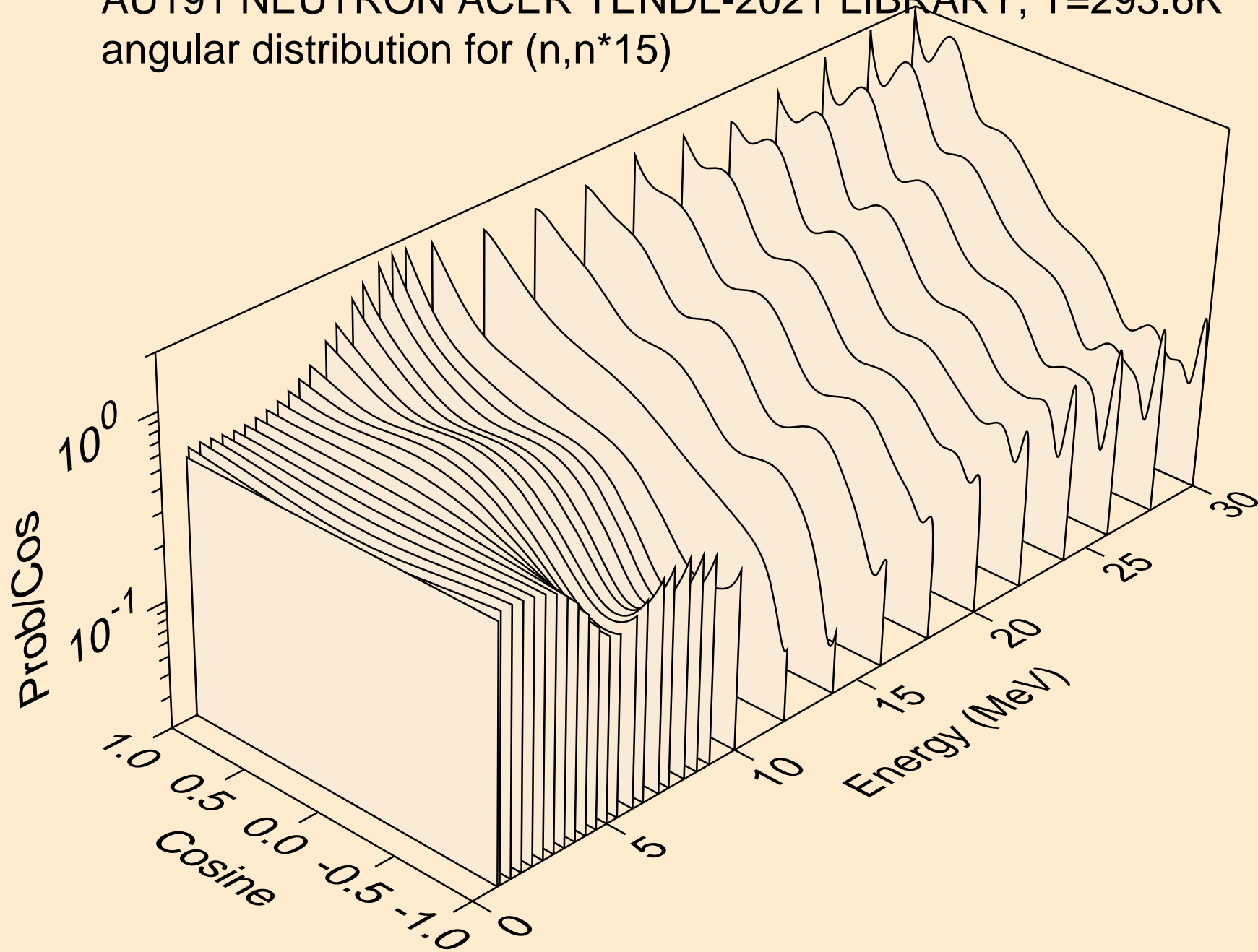
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angular distribution for (n,n\*13)



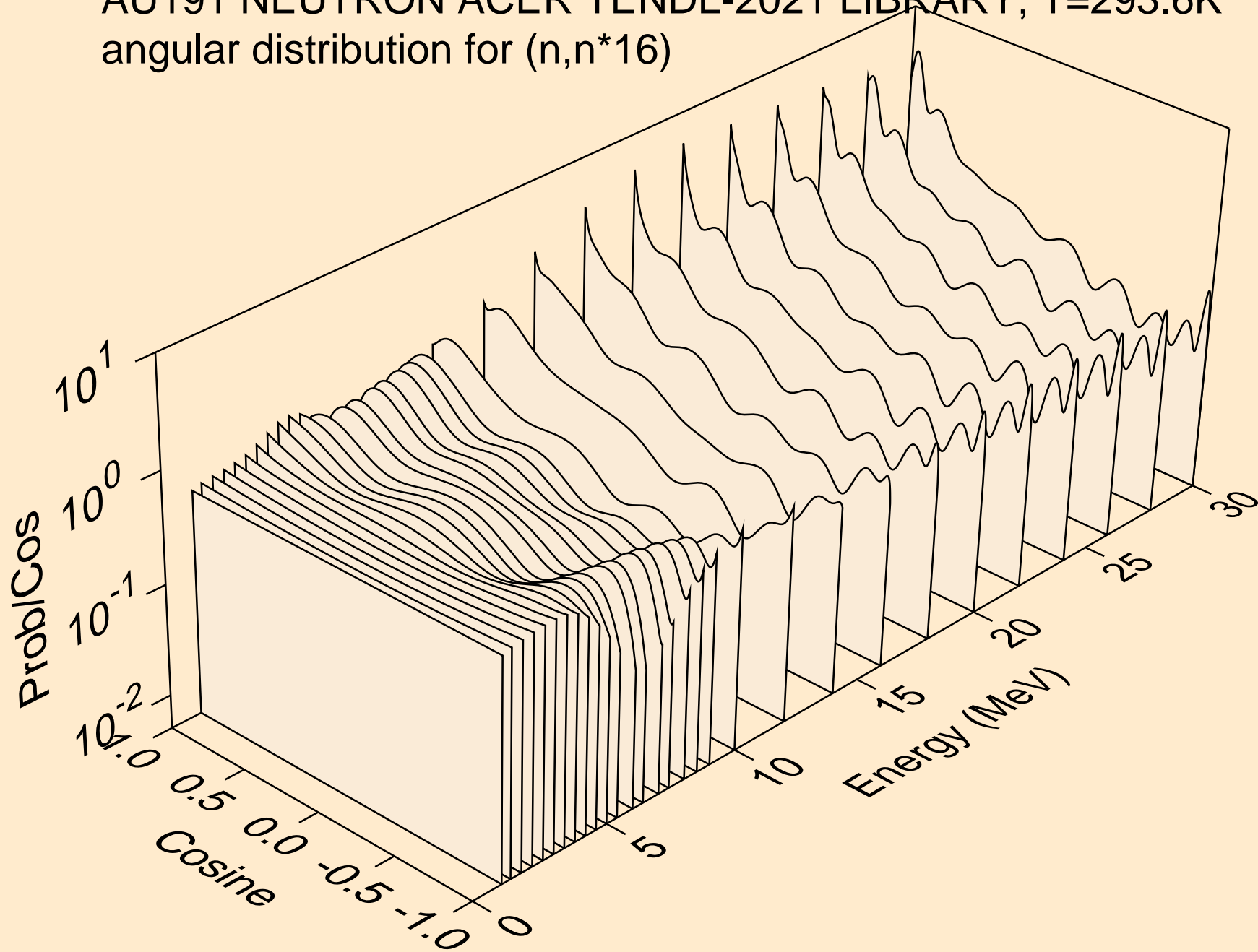
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angular distribution for (n,n\*14)



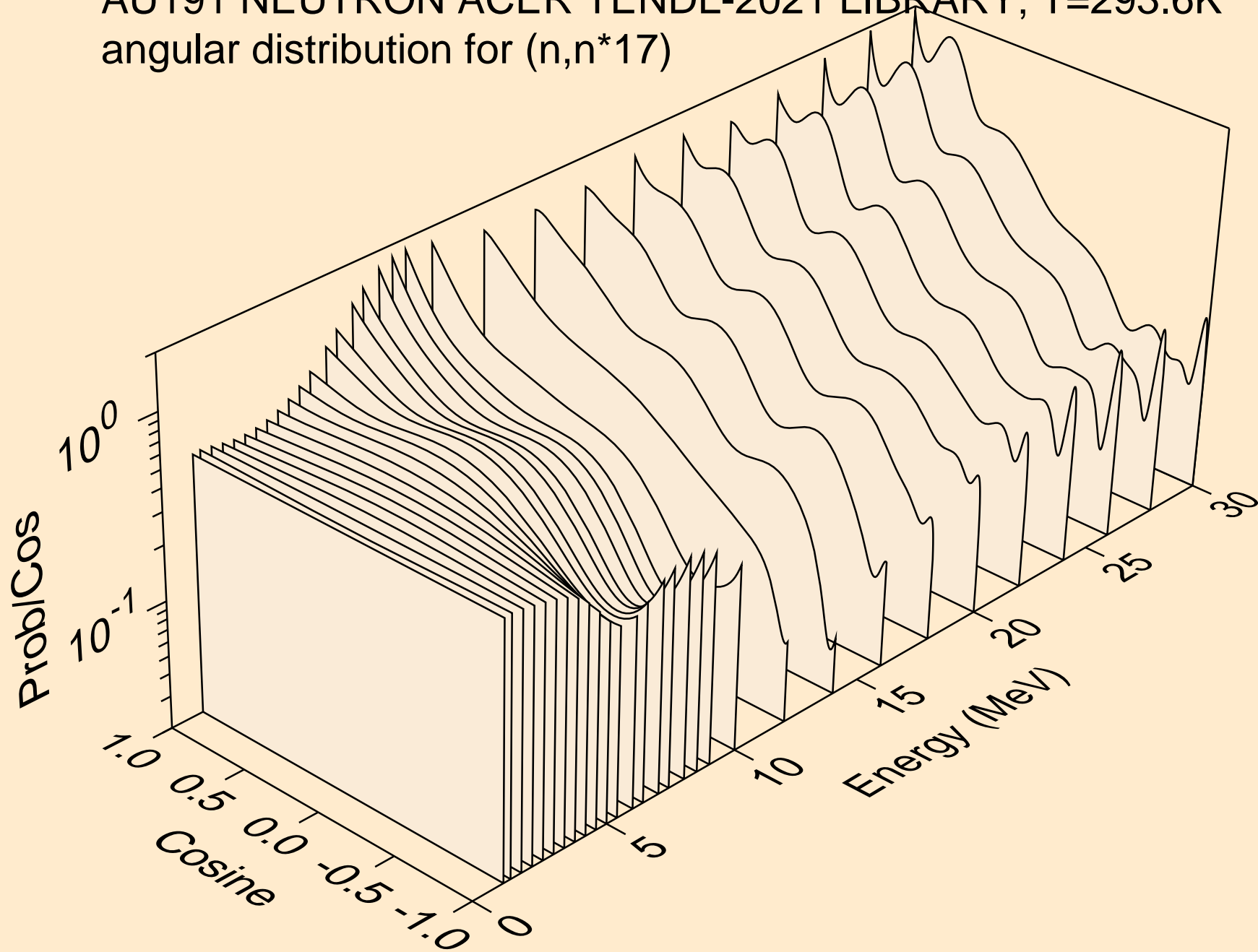
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

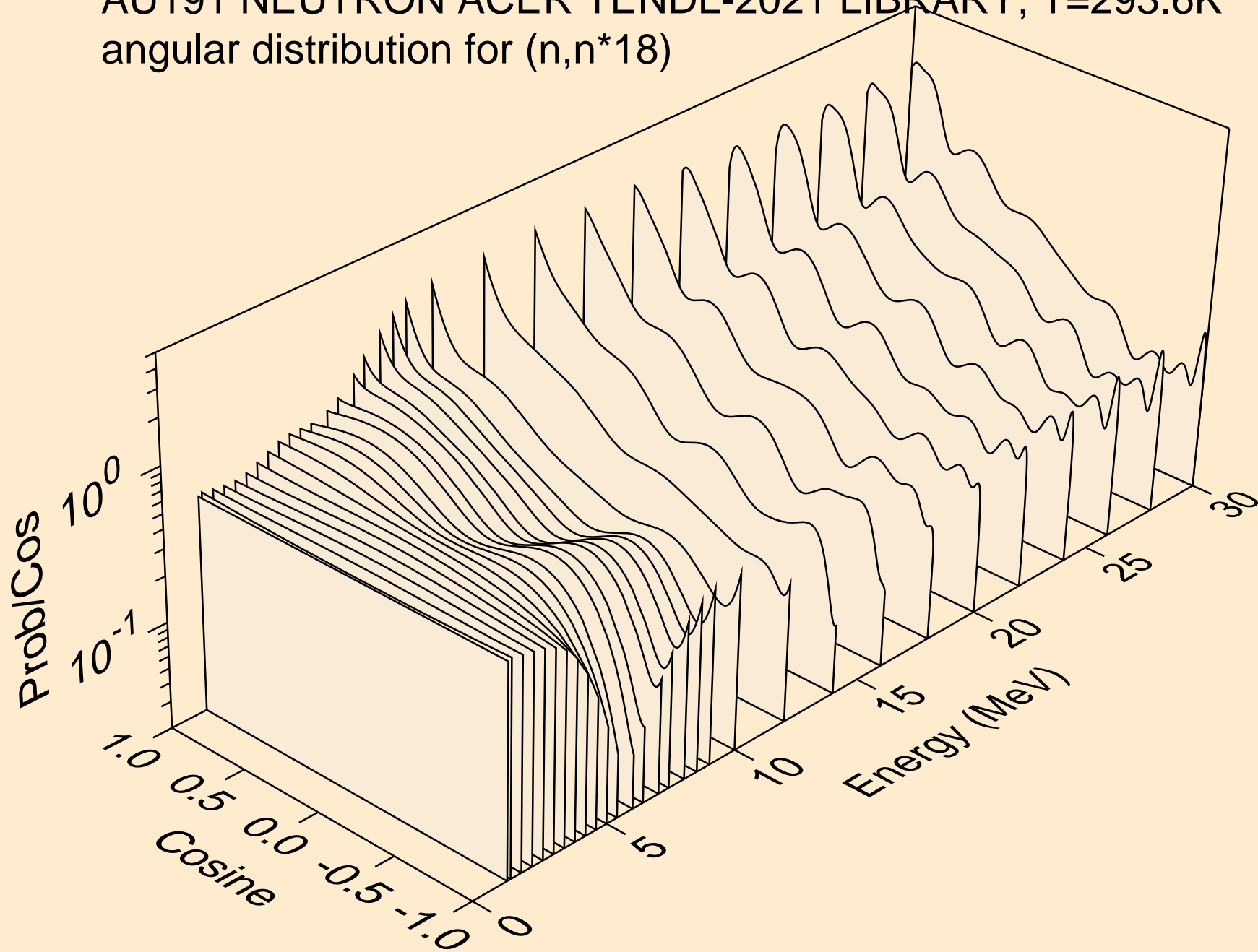


AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

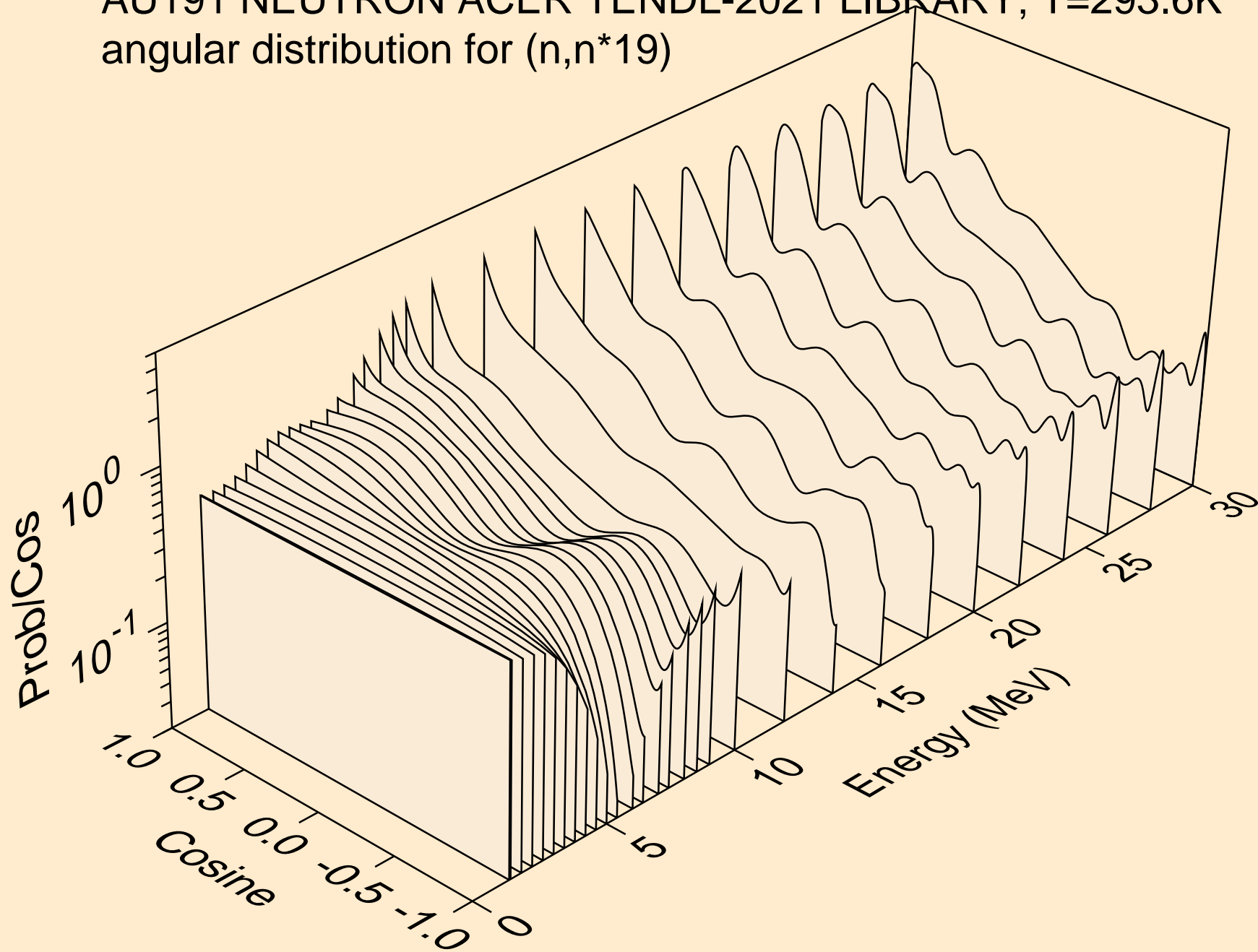




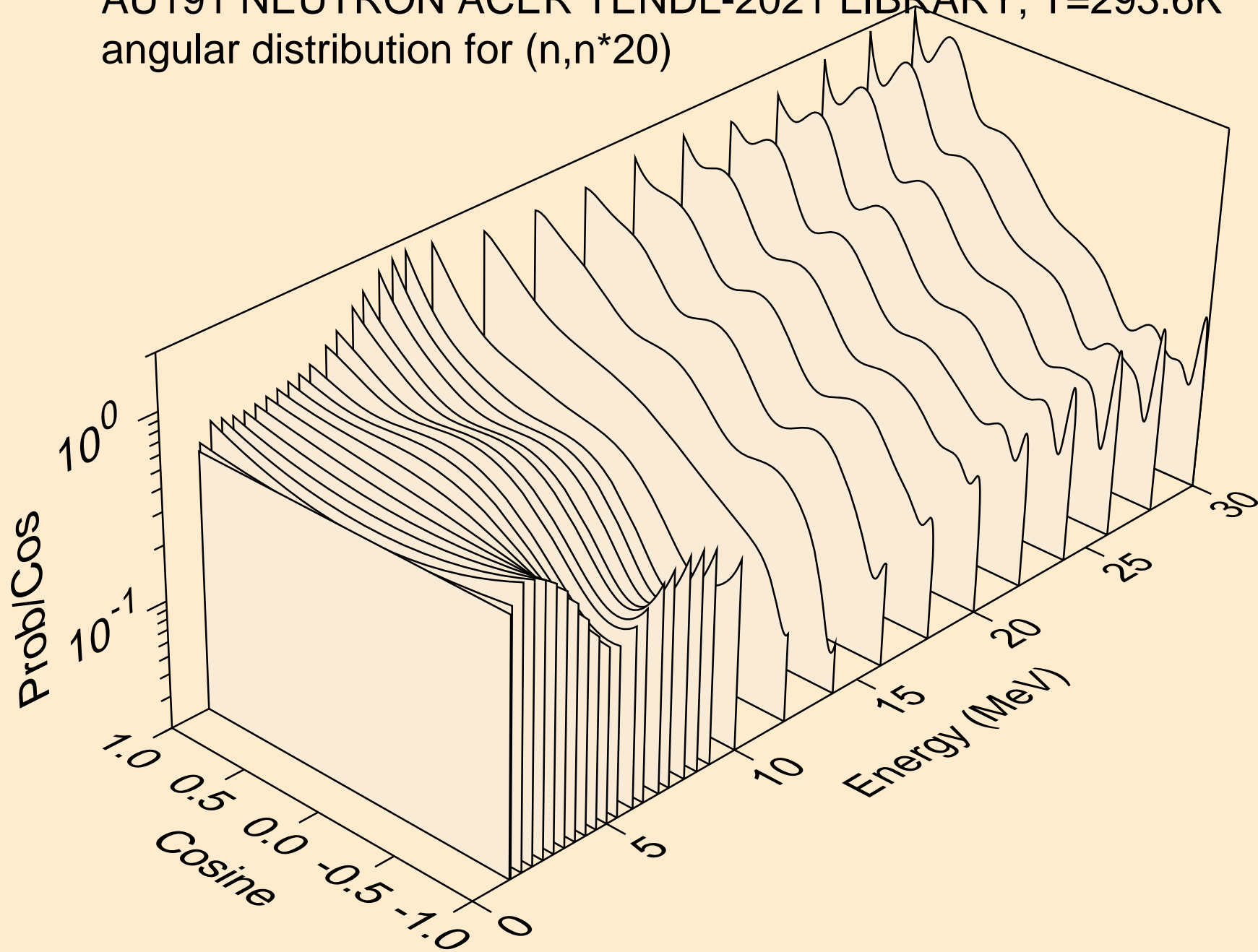
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angular distribution for (n,n\*18)



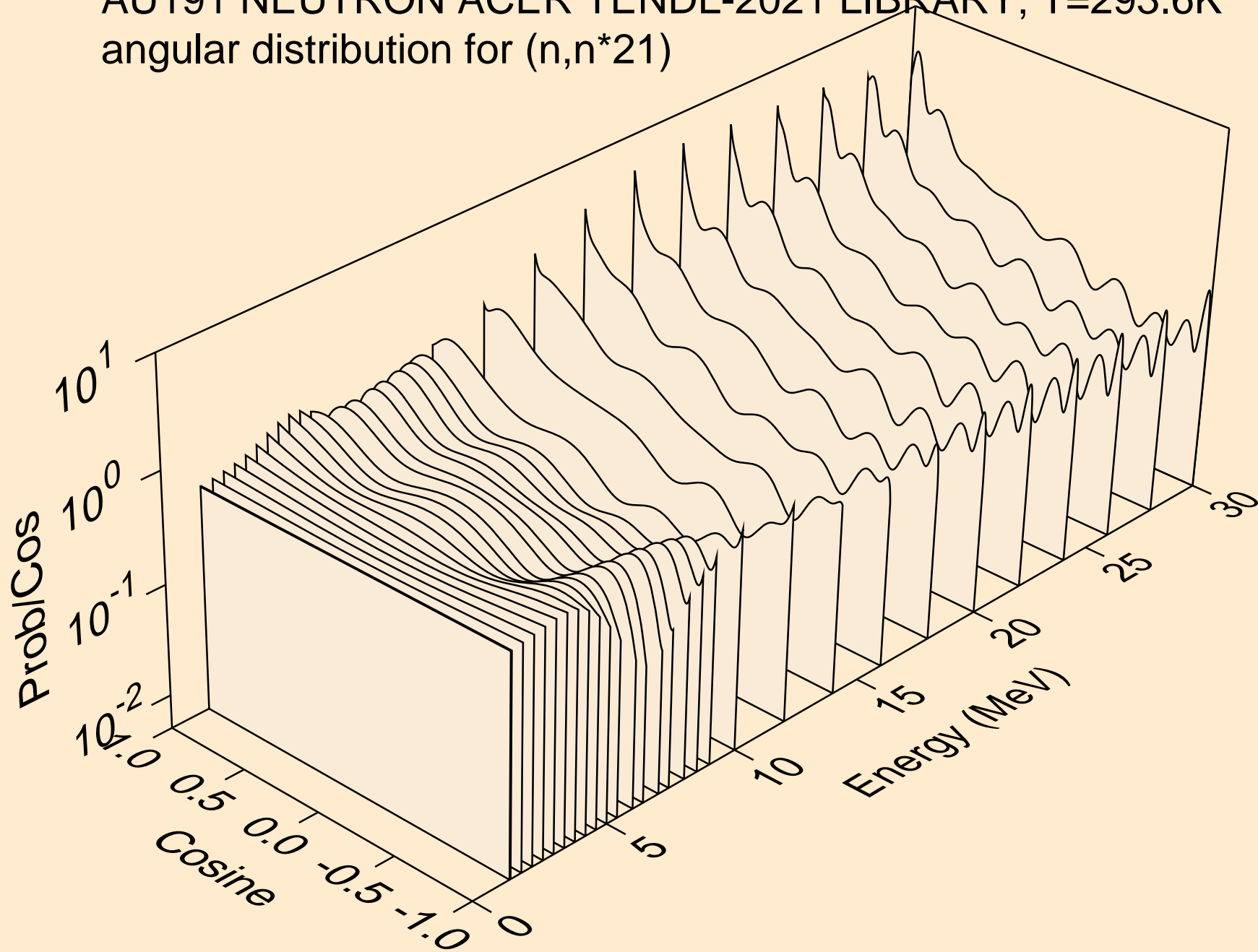
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angular distribution for (n,n\*19)



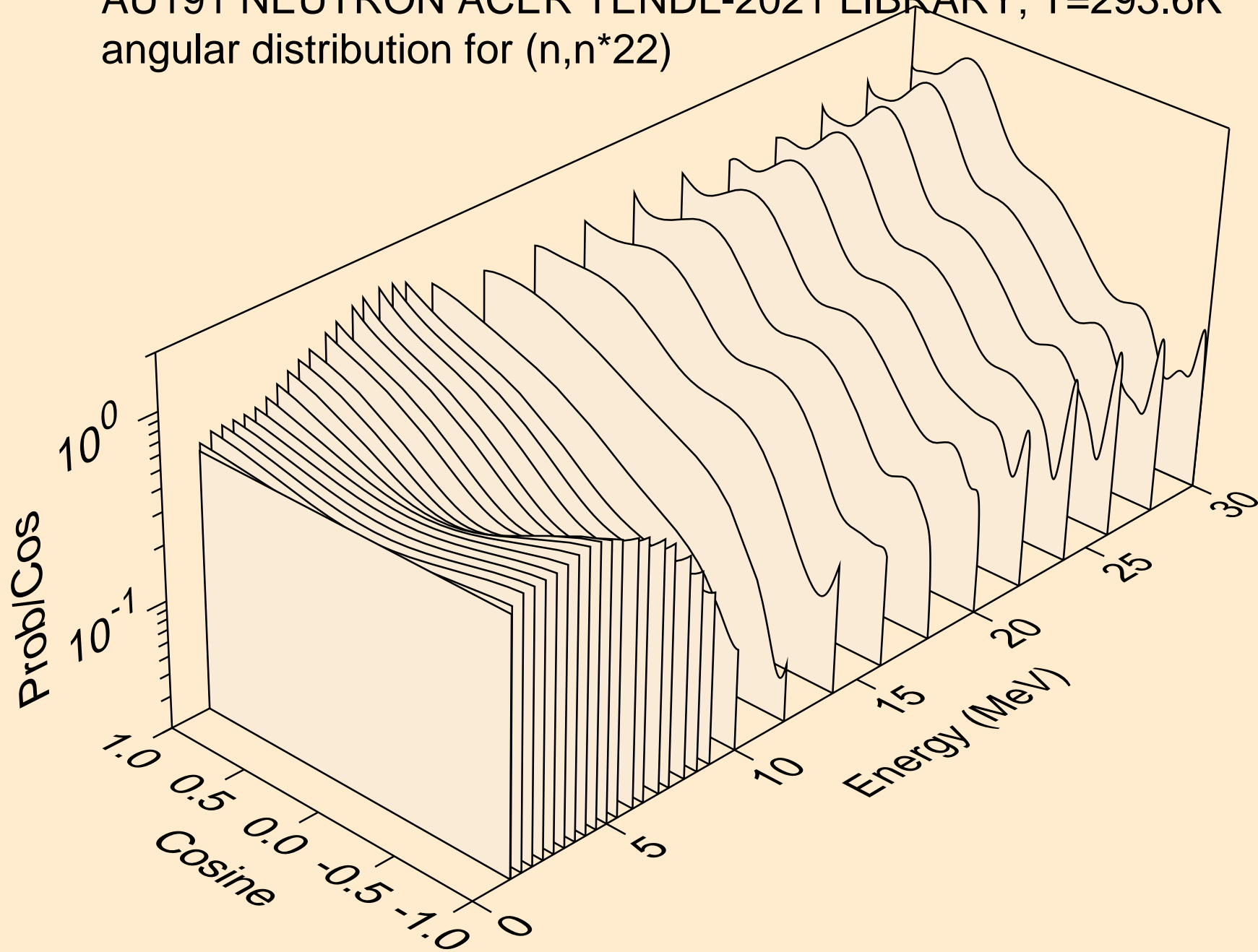
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angular distribution for (n,n\*20)



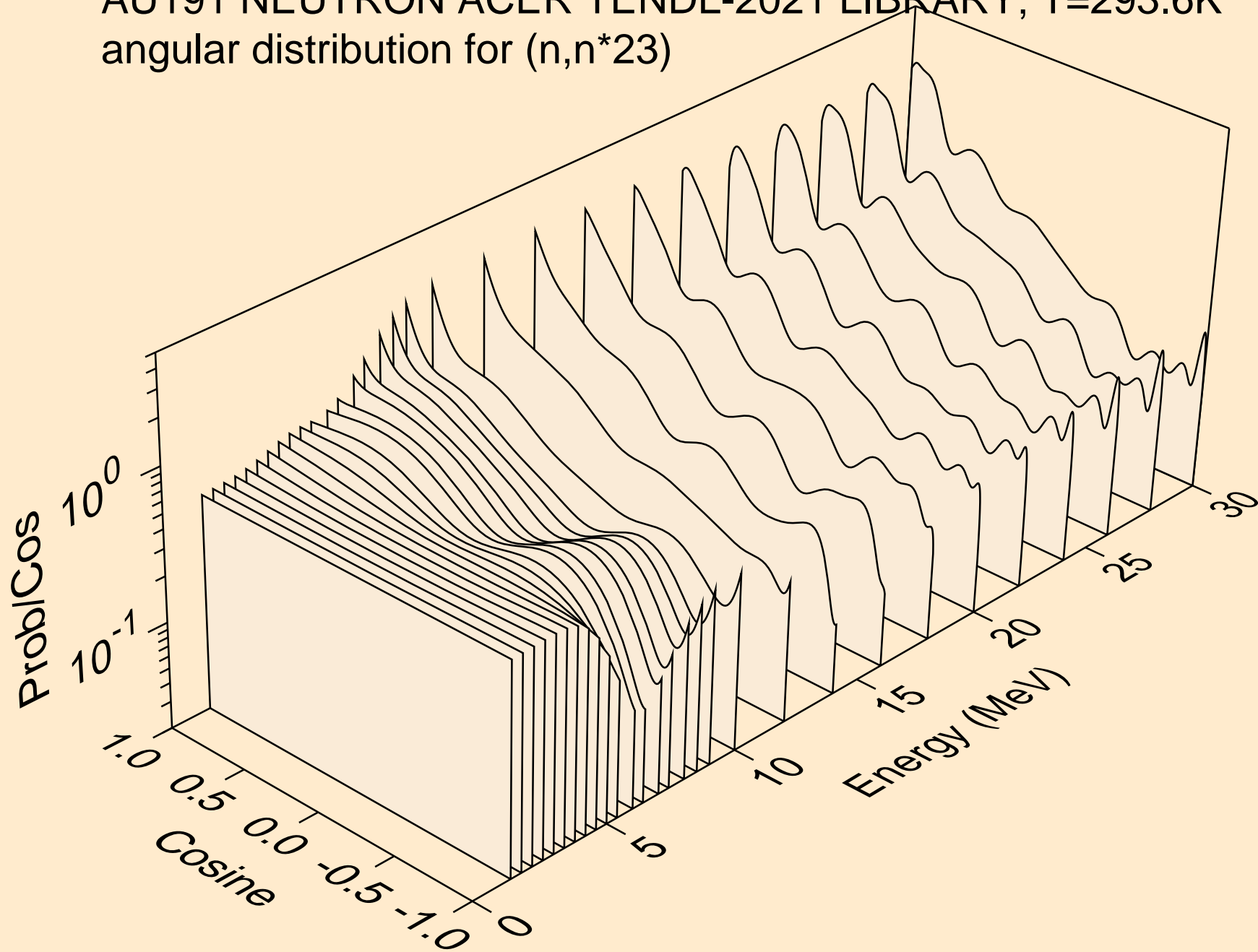
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angular distribution for (n,n\*21)



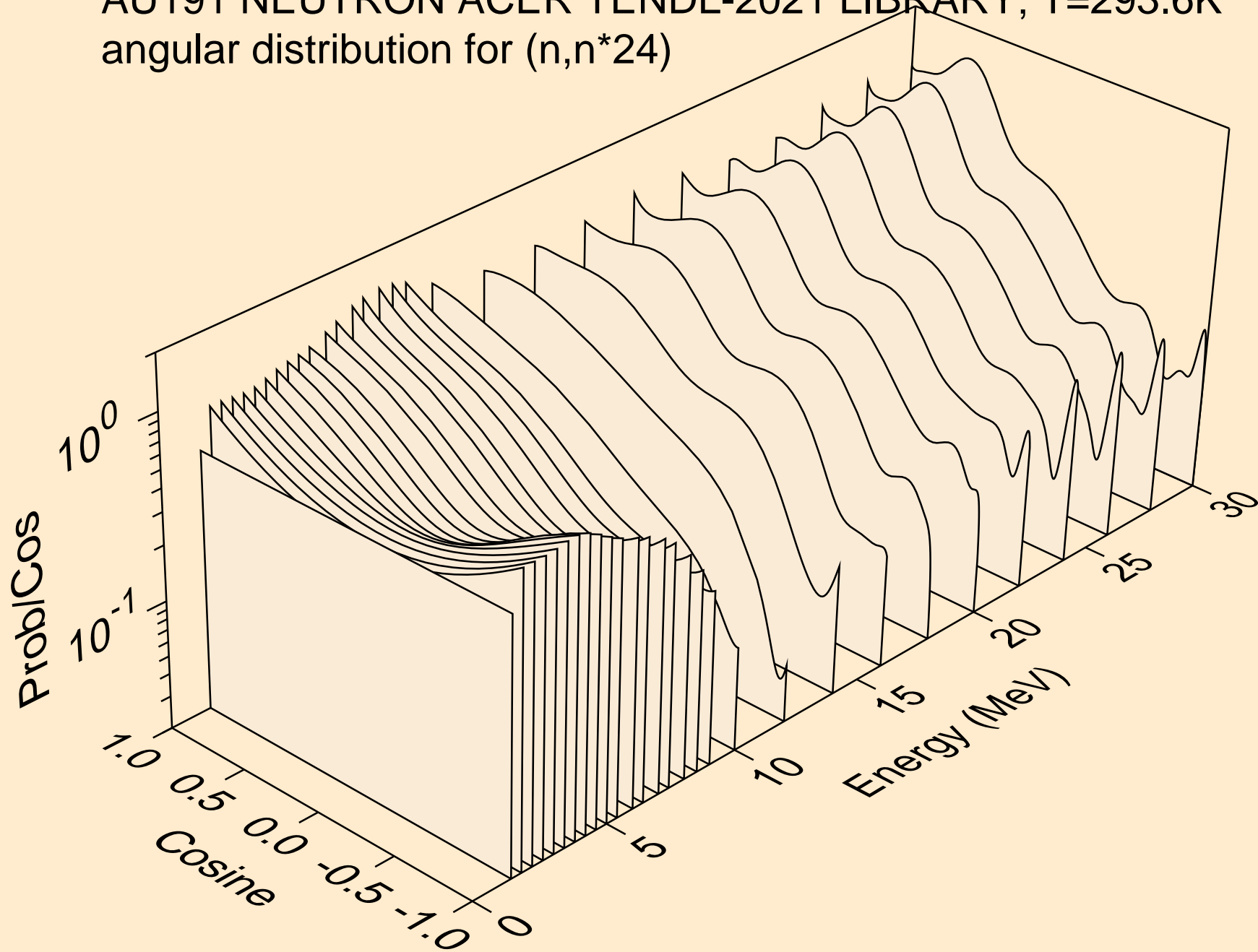
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angular distribution for (n,n\*22)



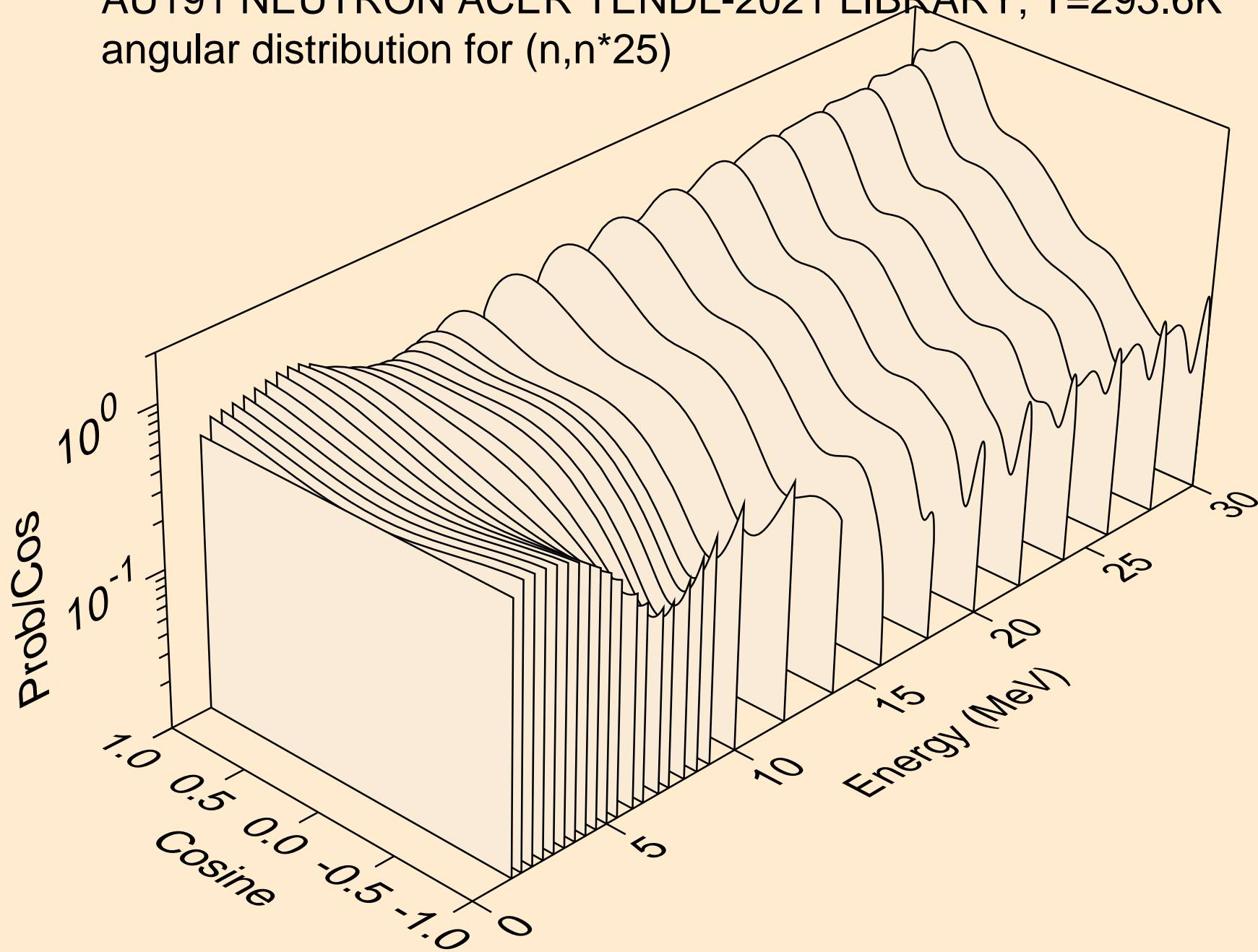
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

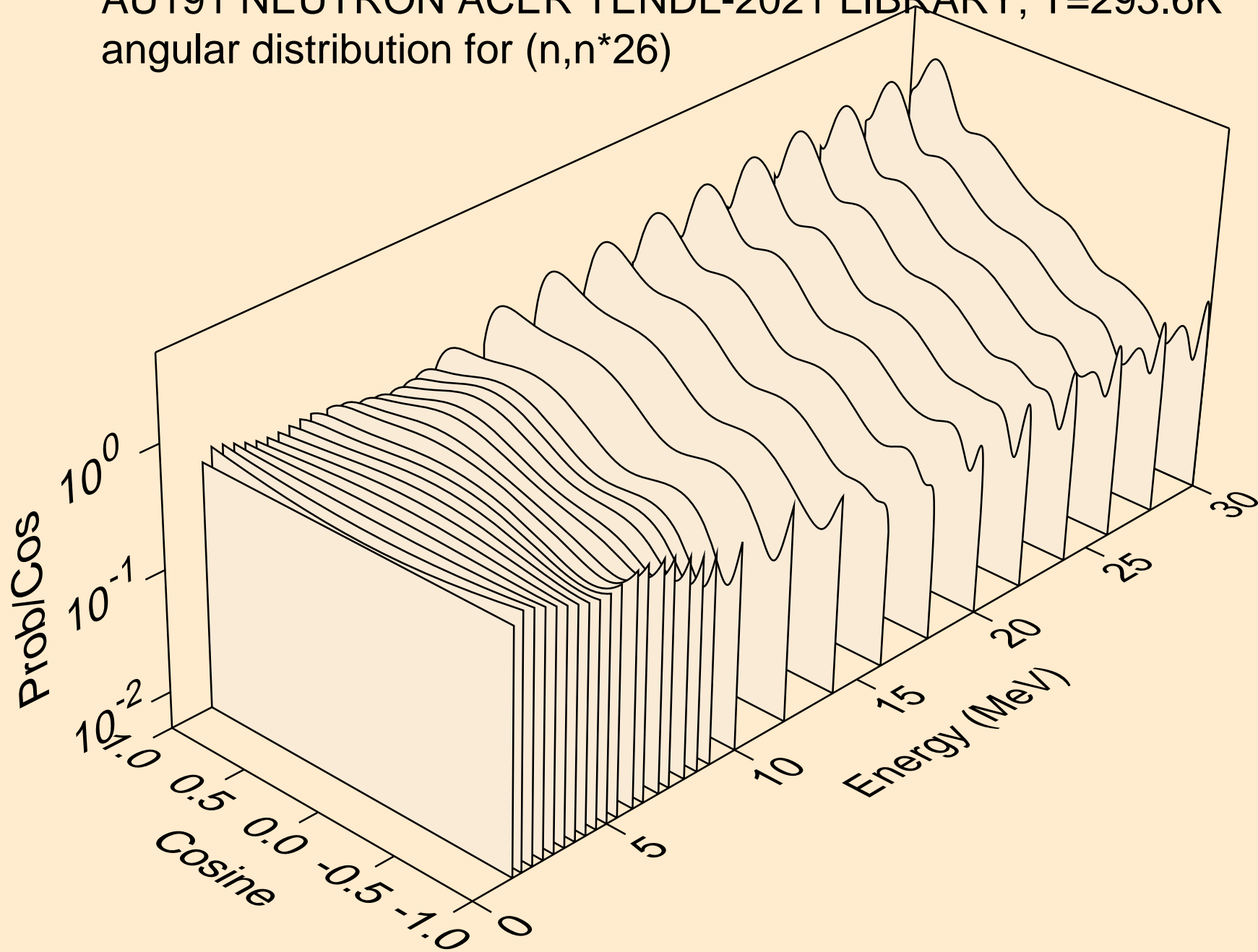


AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

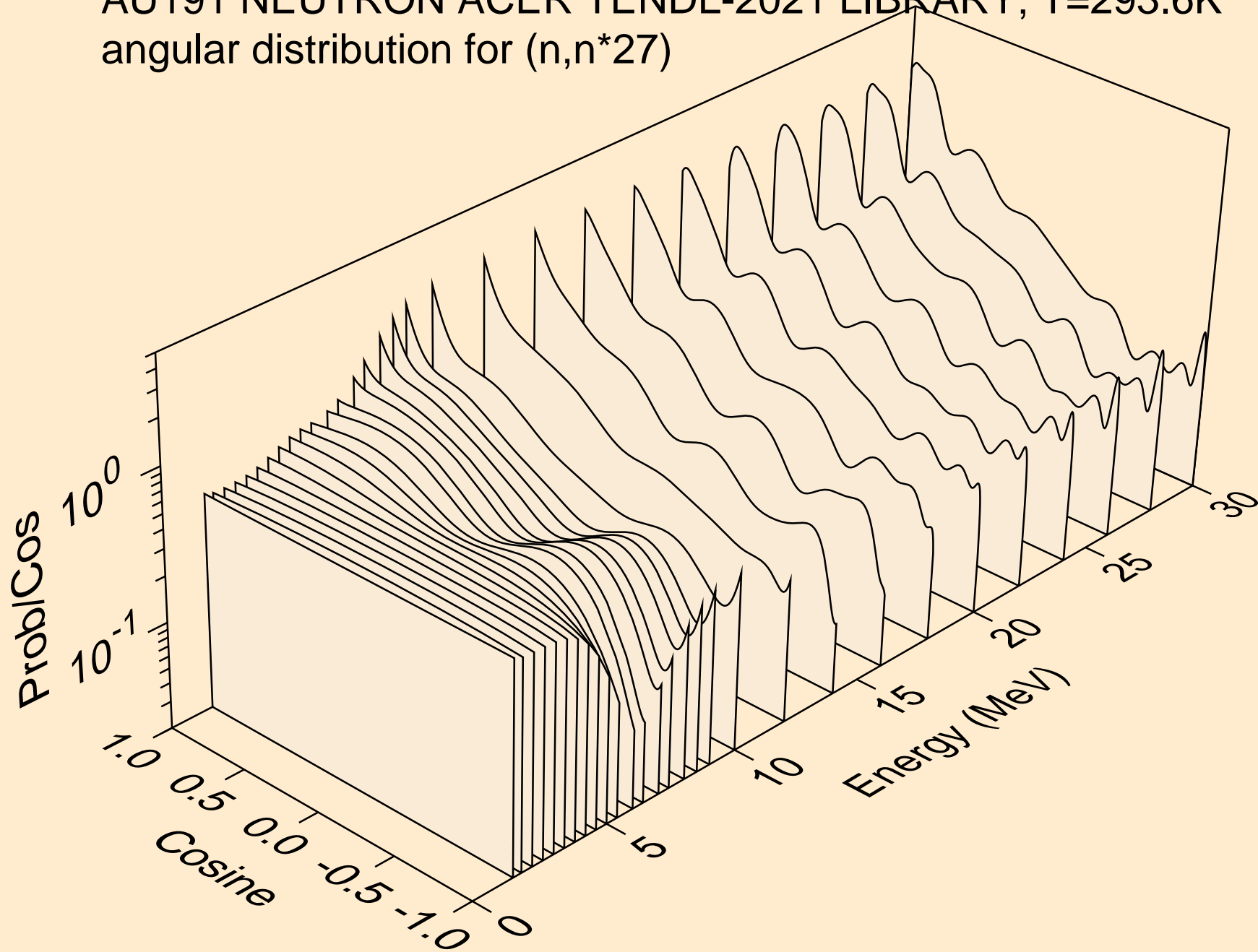




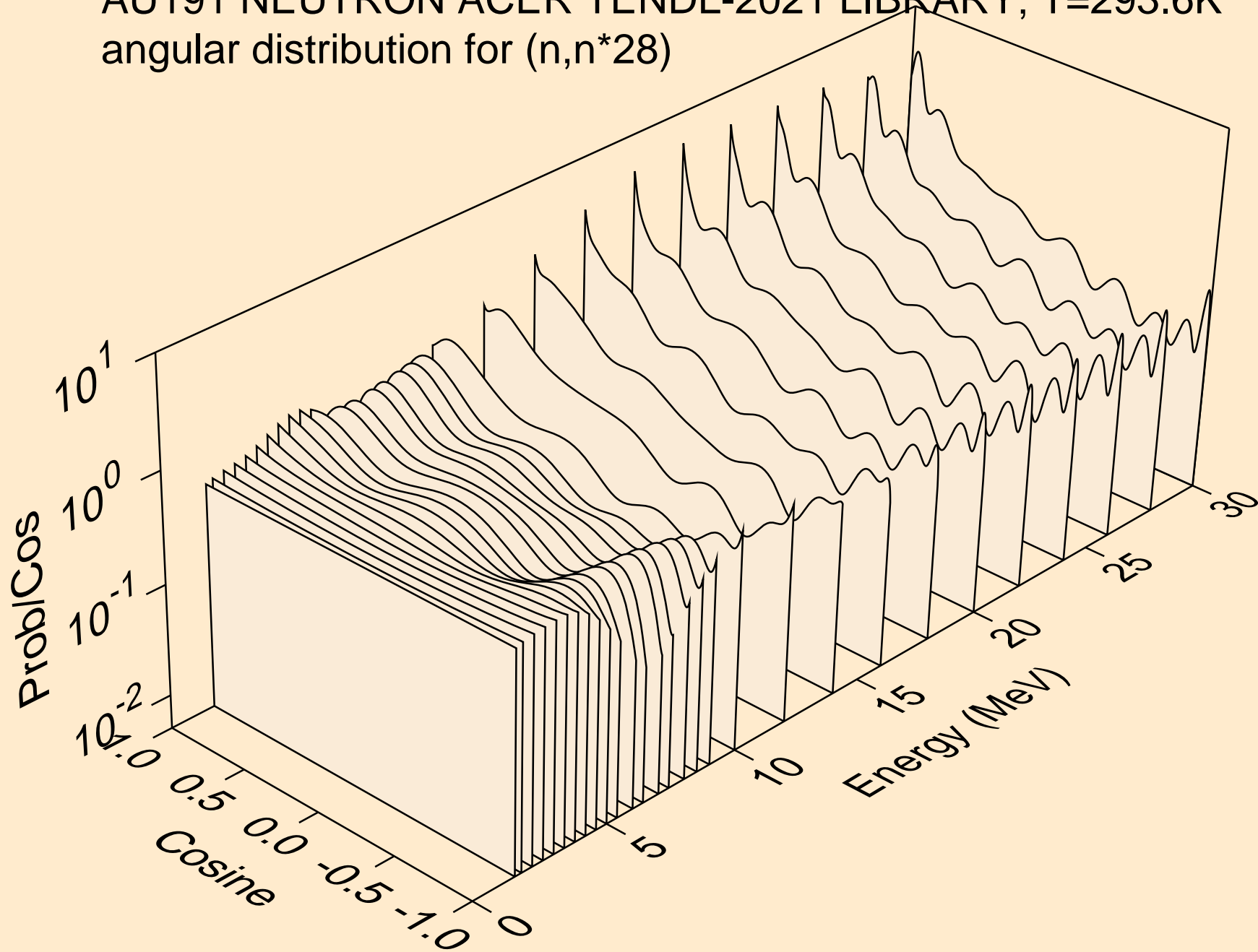
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angular distribution for (n,n\*26)



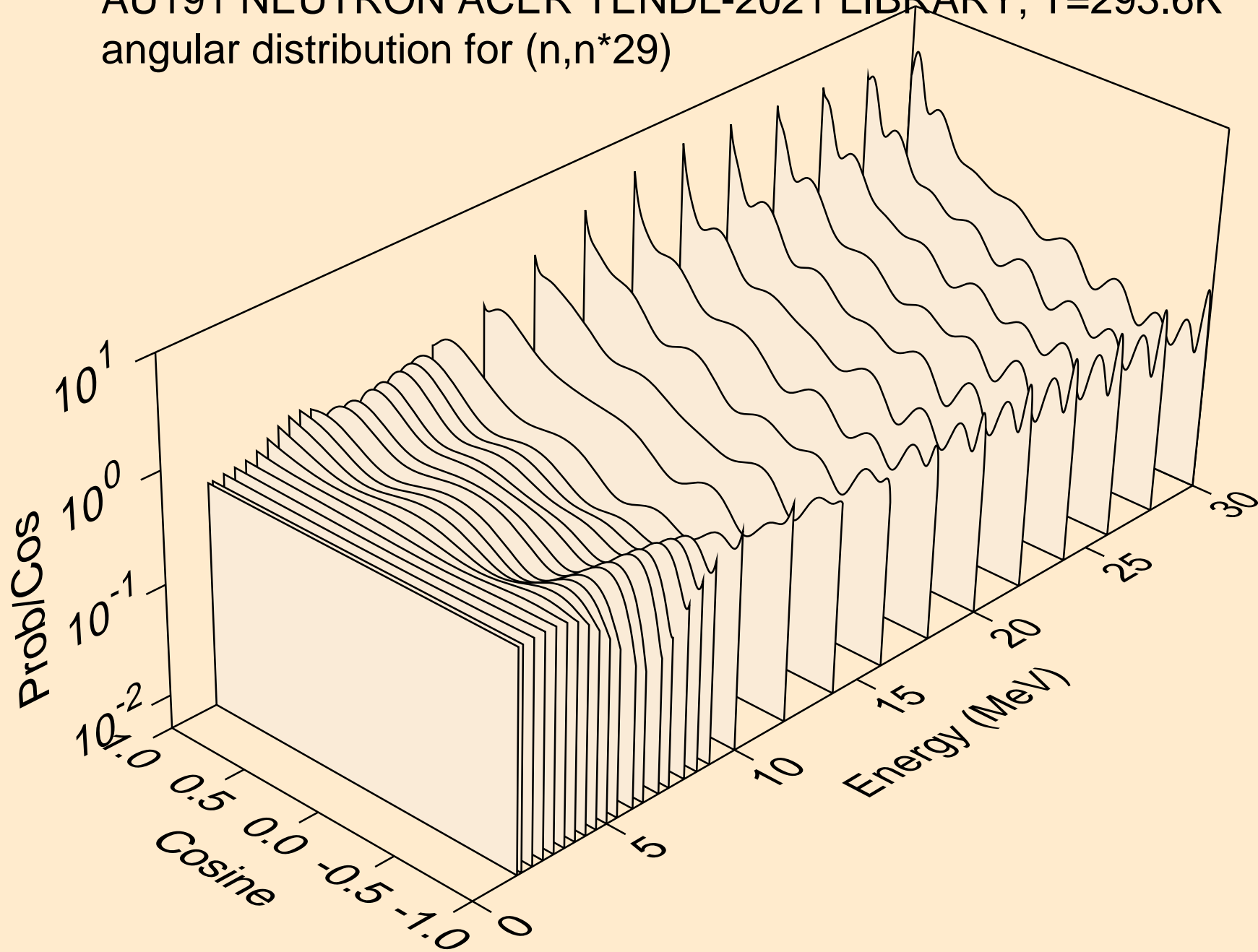
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angular distribution for (n,n\*27)



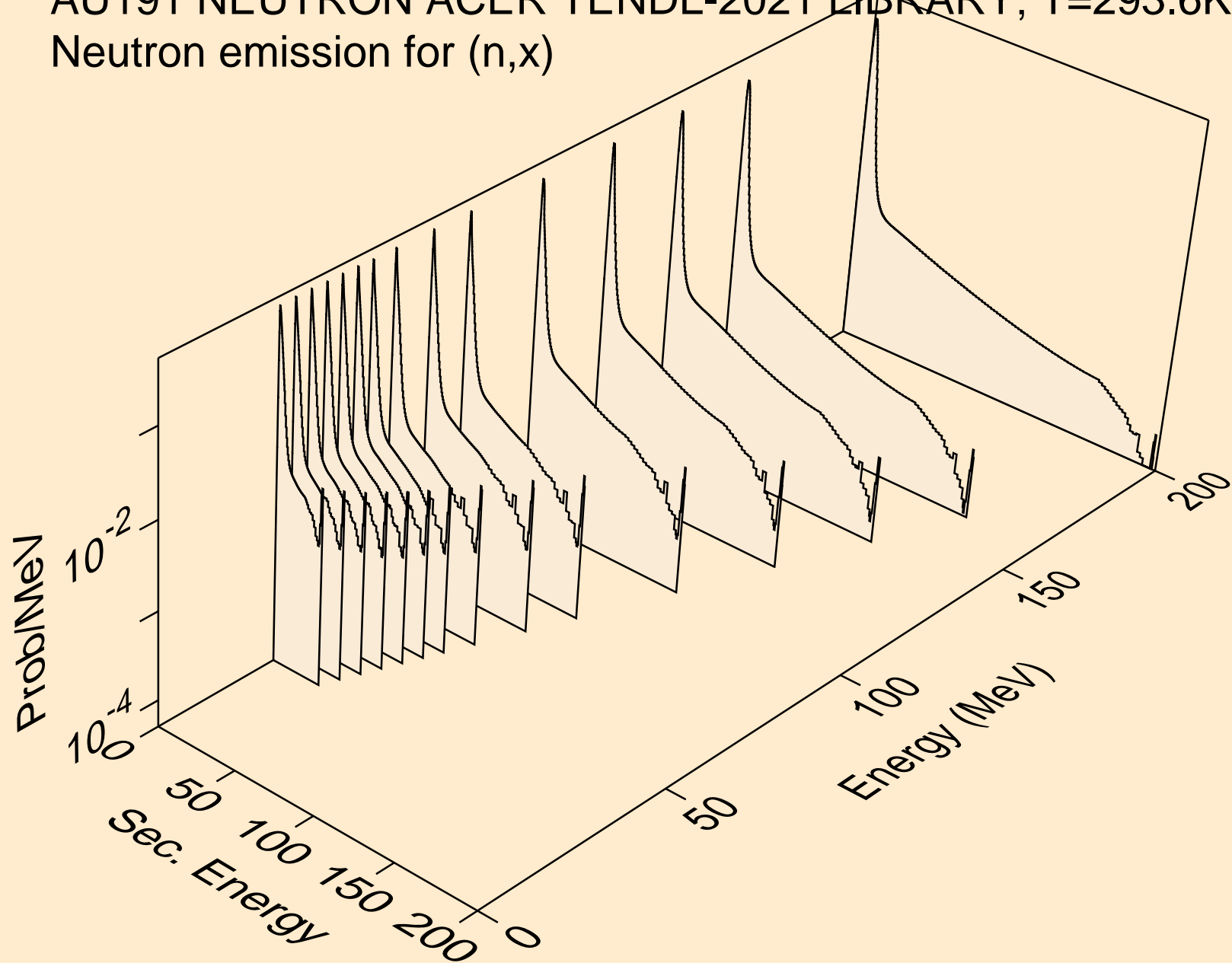
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angular distribution for (n,n\*28)



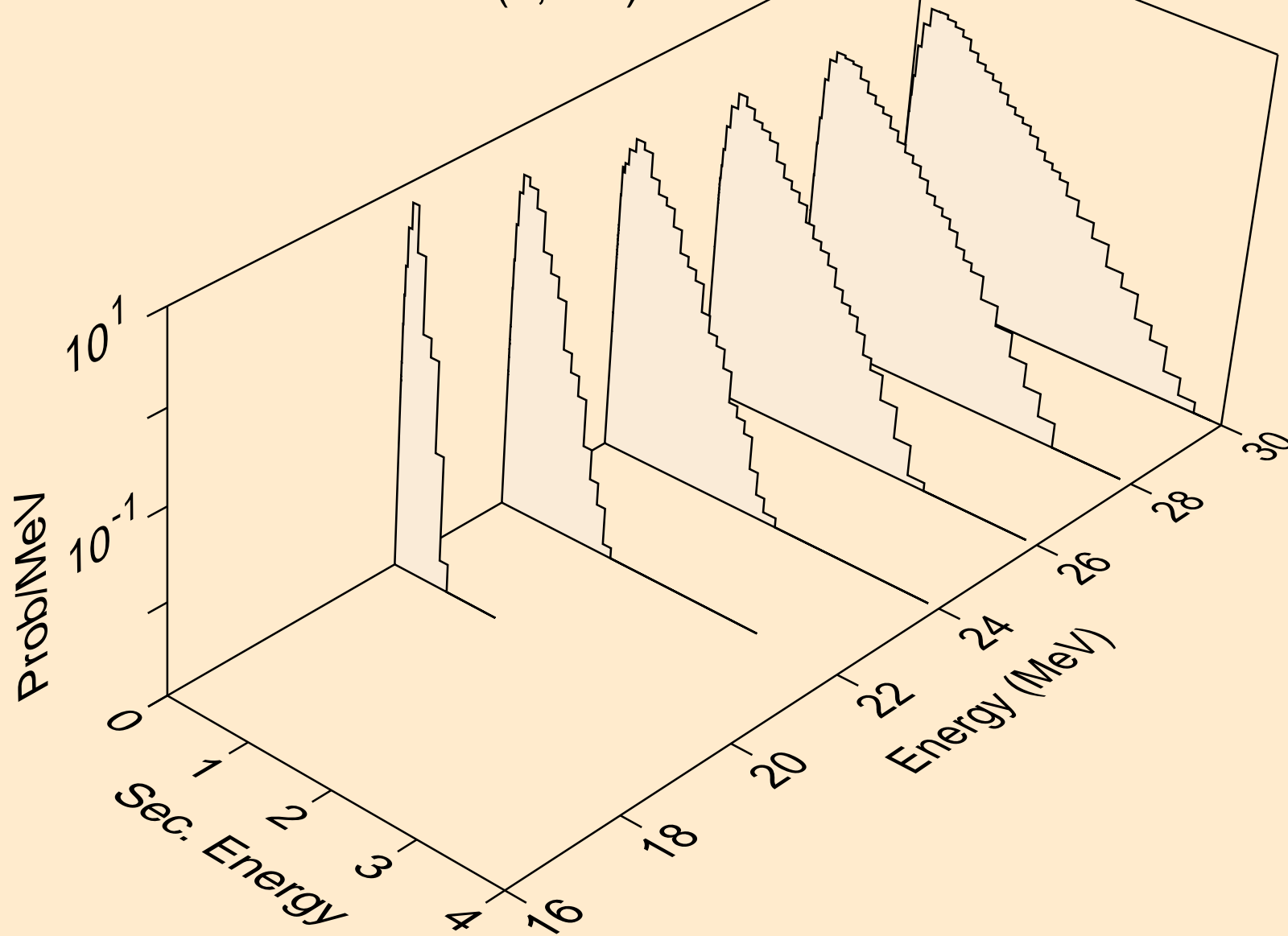
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angular distribution for (n,n\*29)



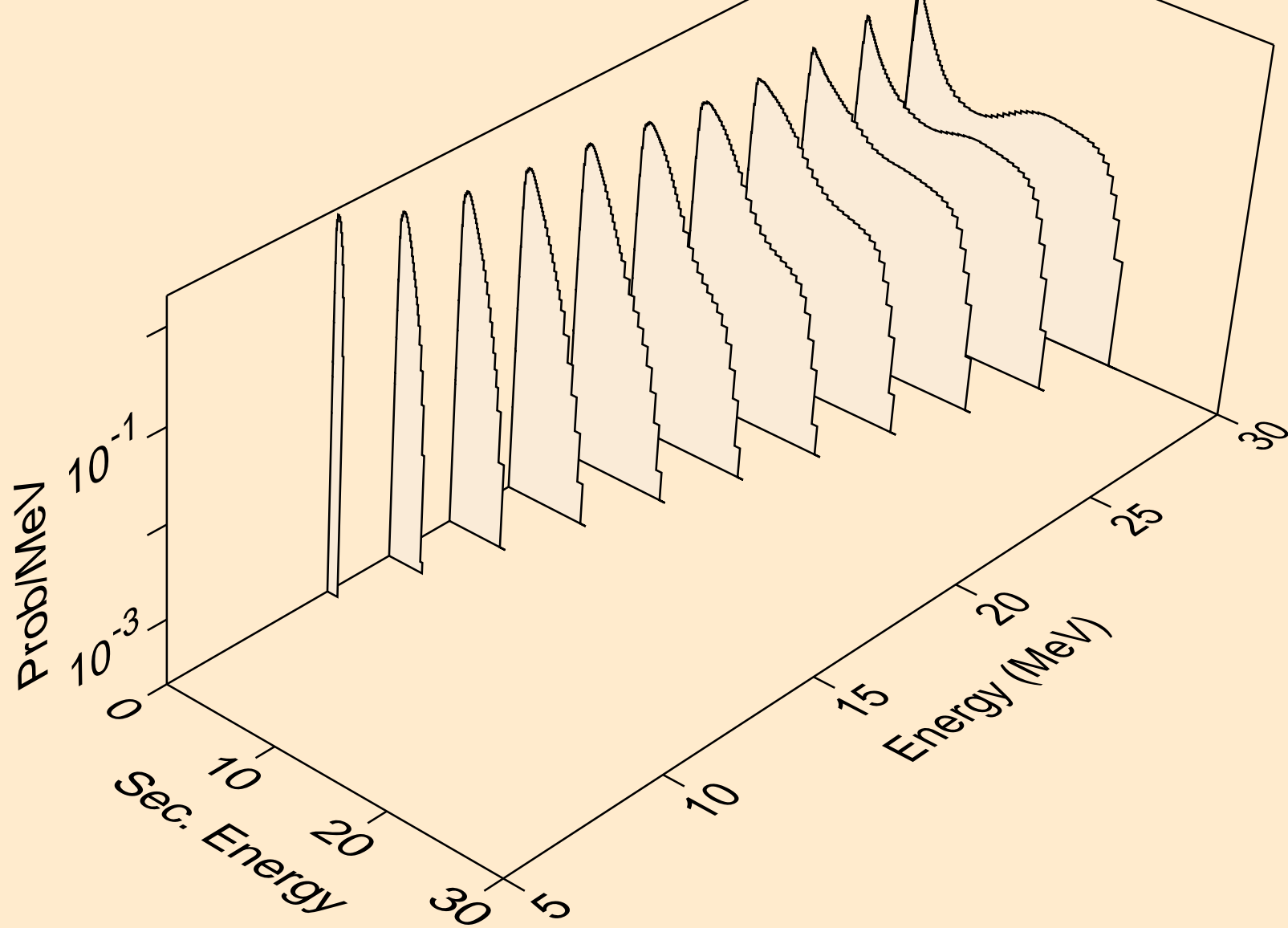
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



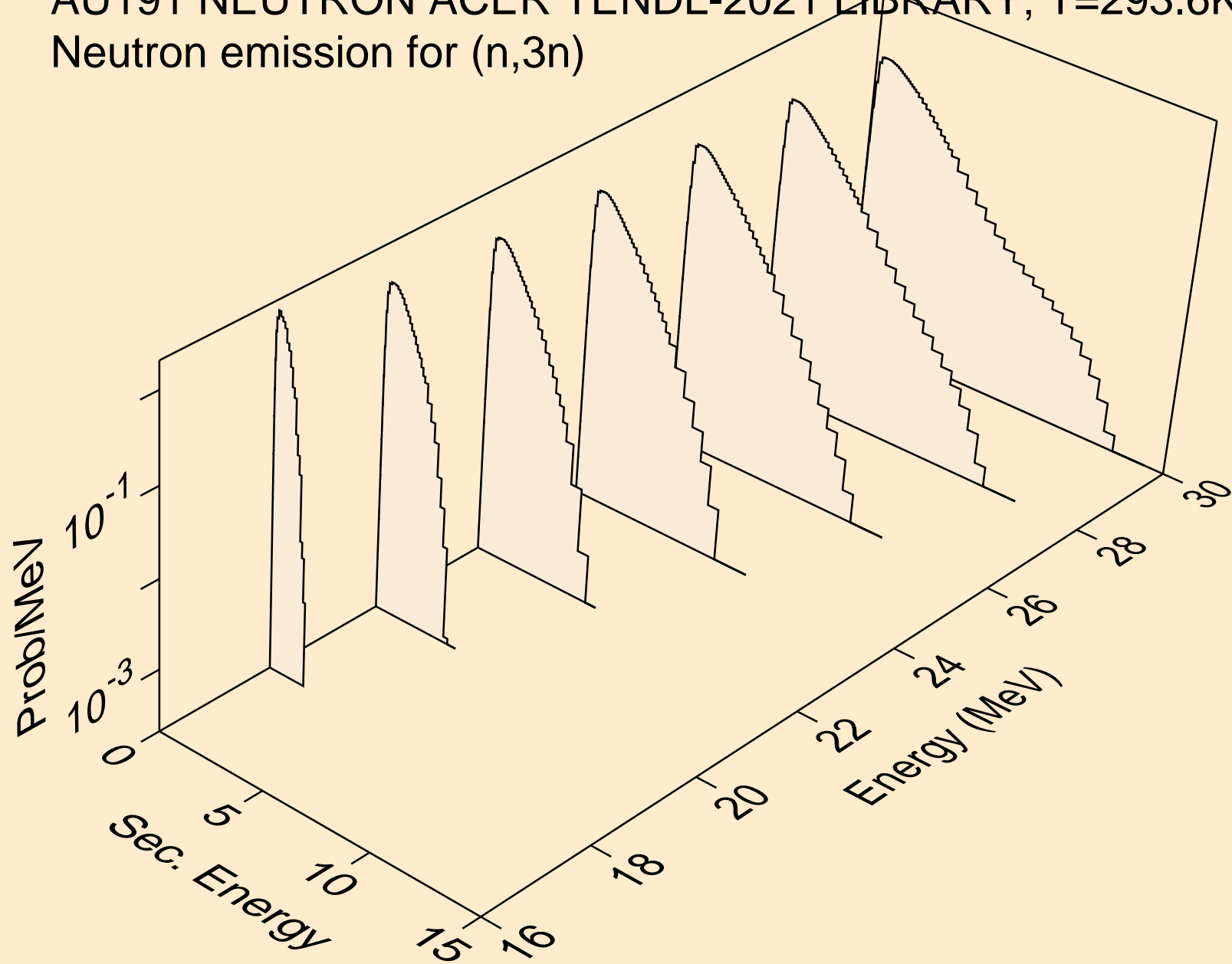
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

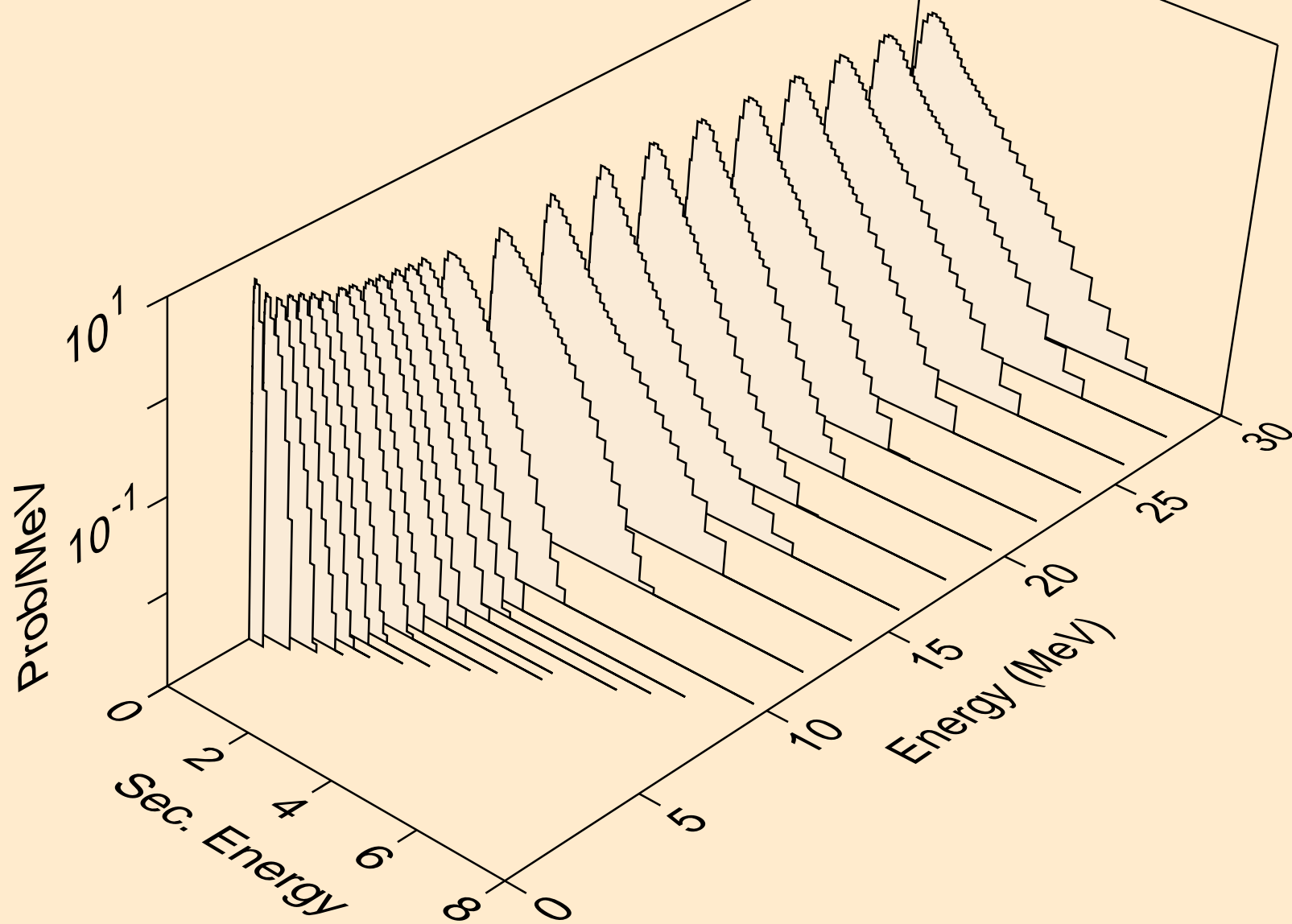


AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

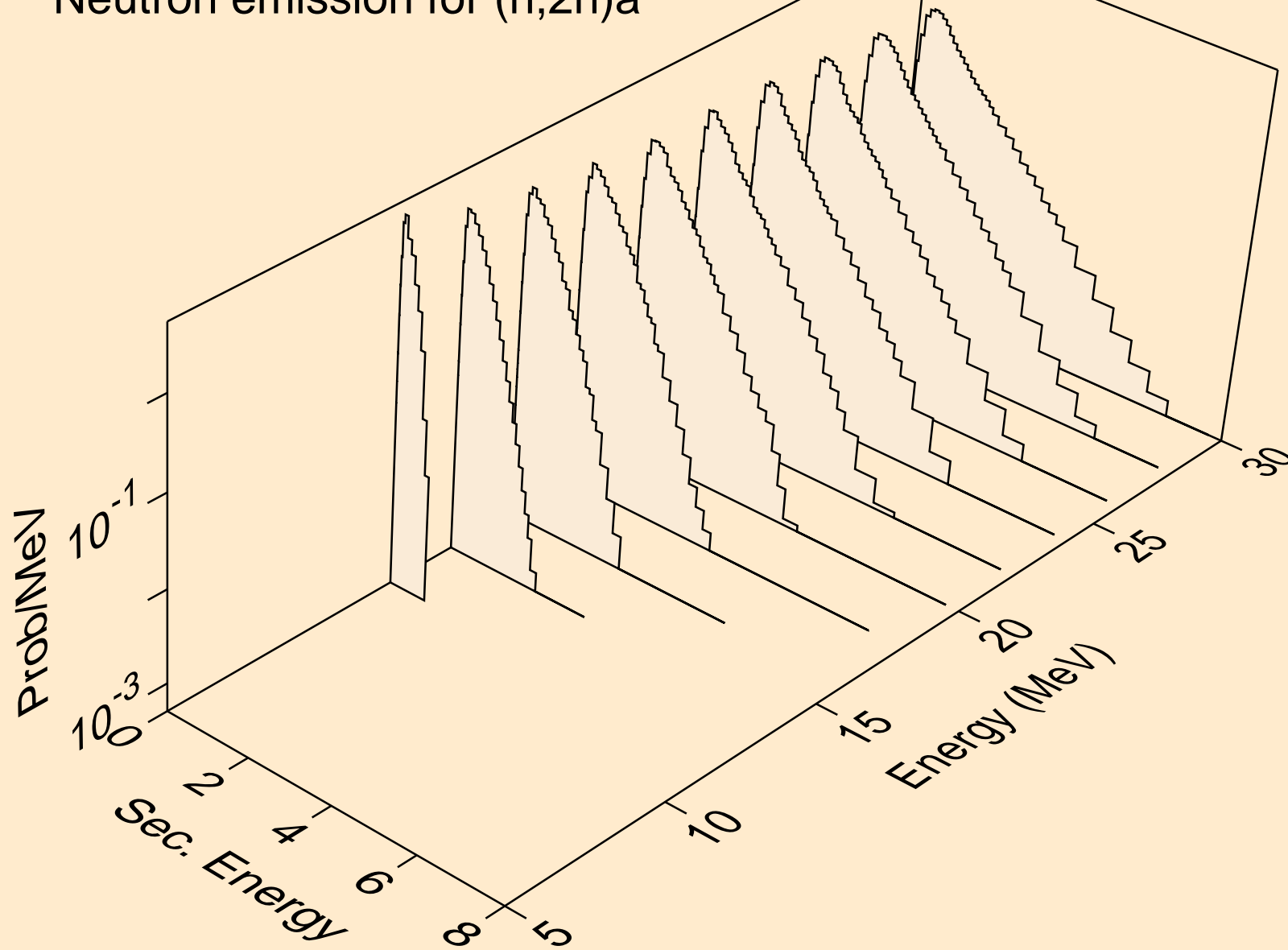




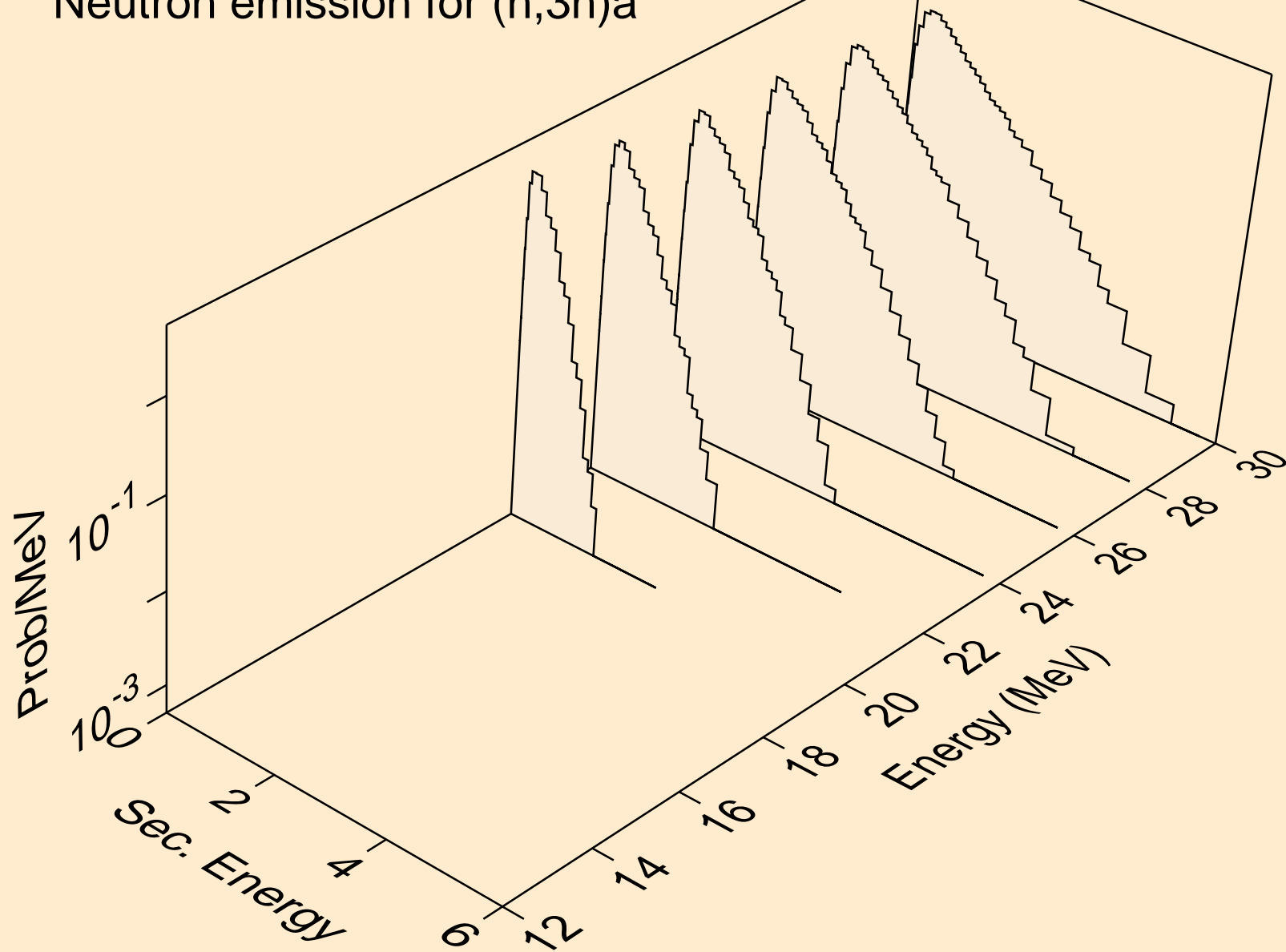
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



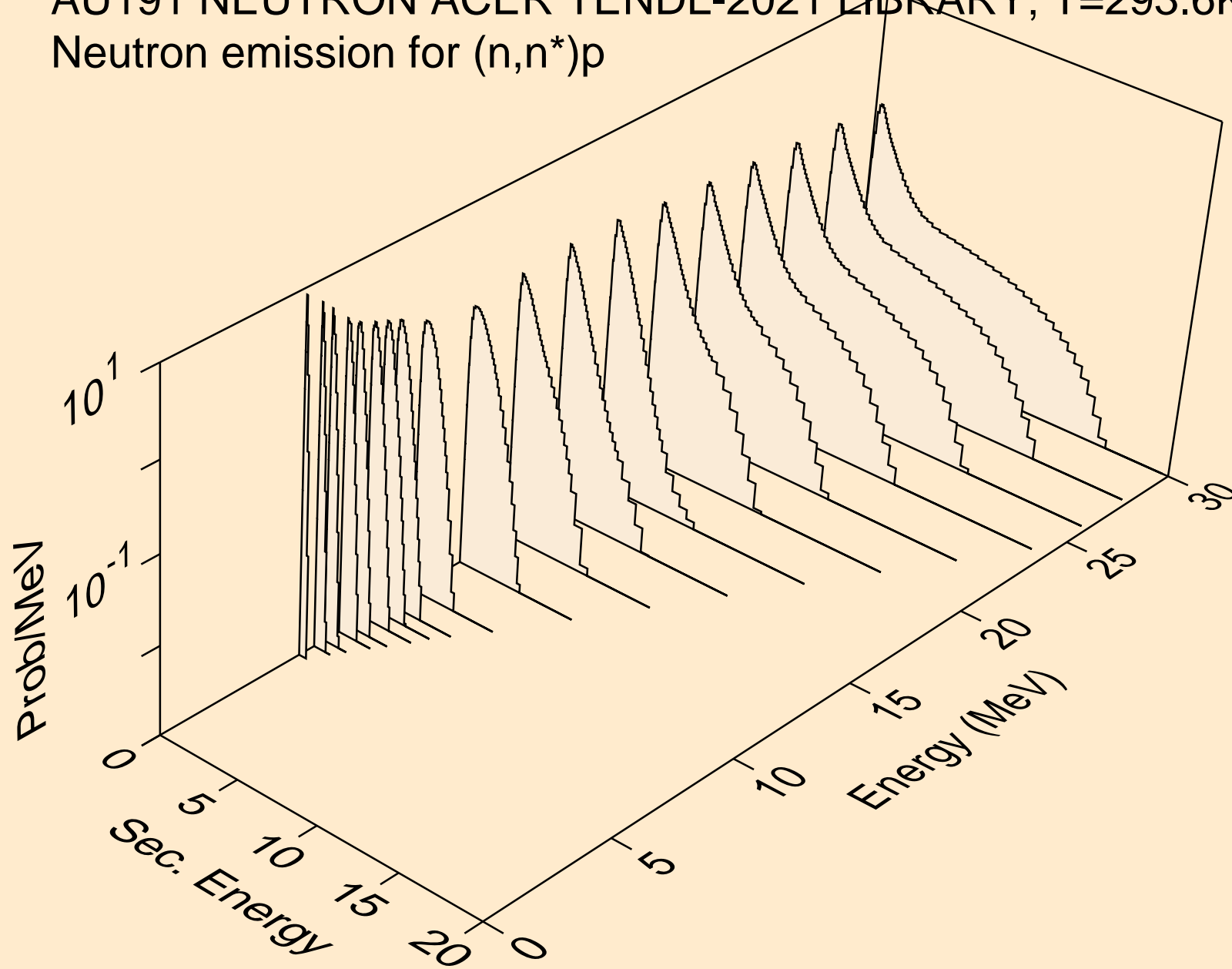
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



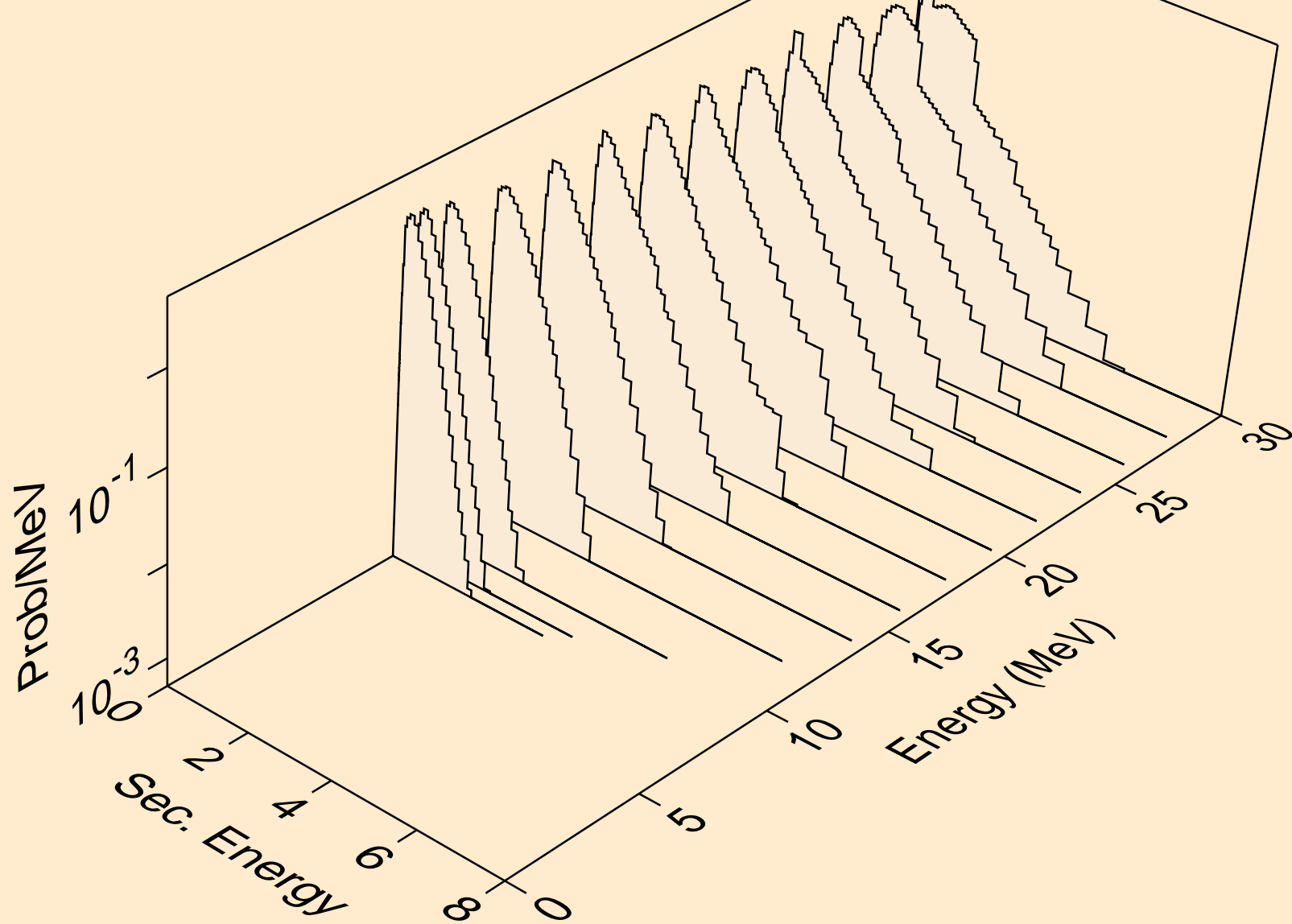
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



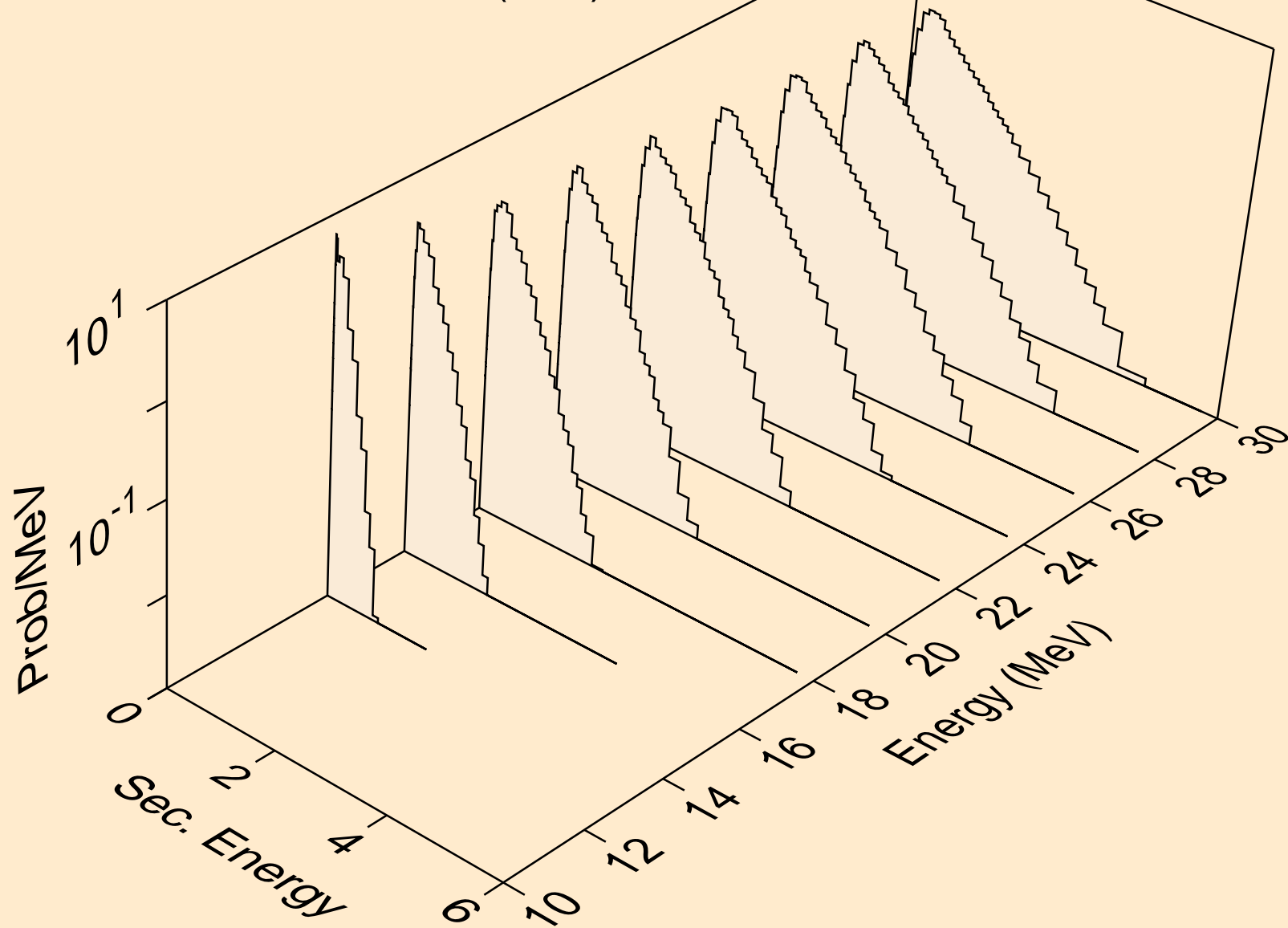
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



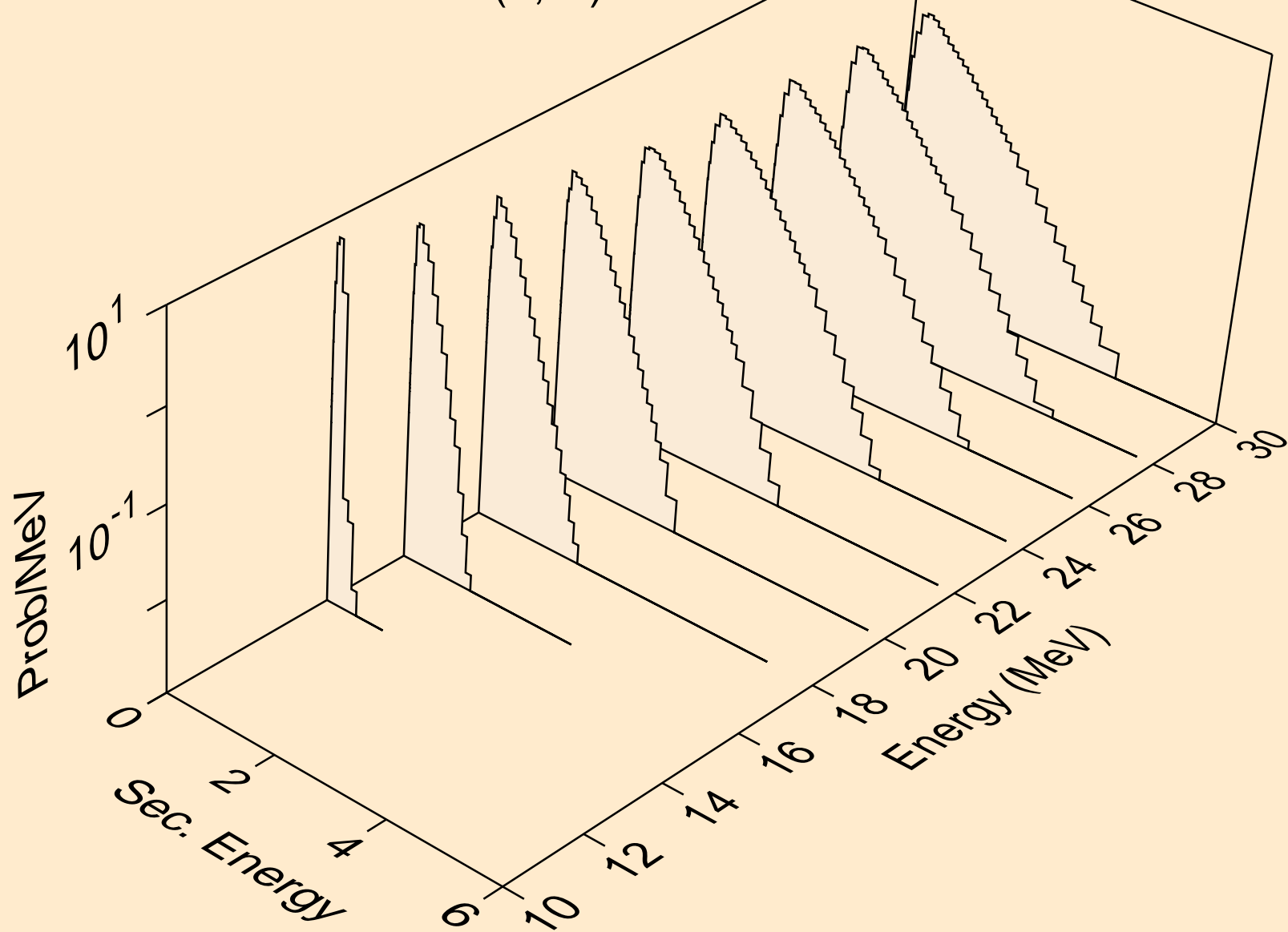
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



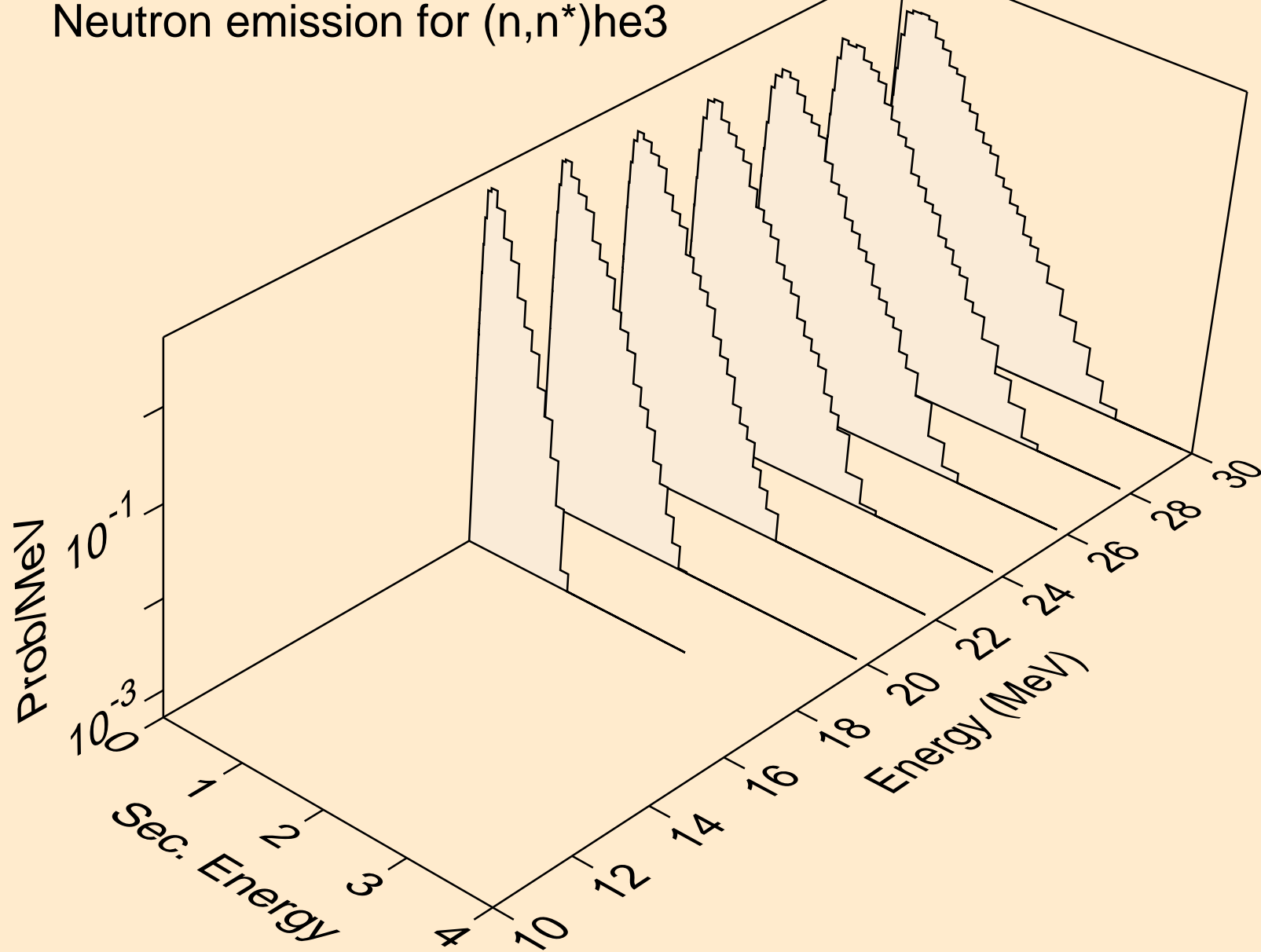
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

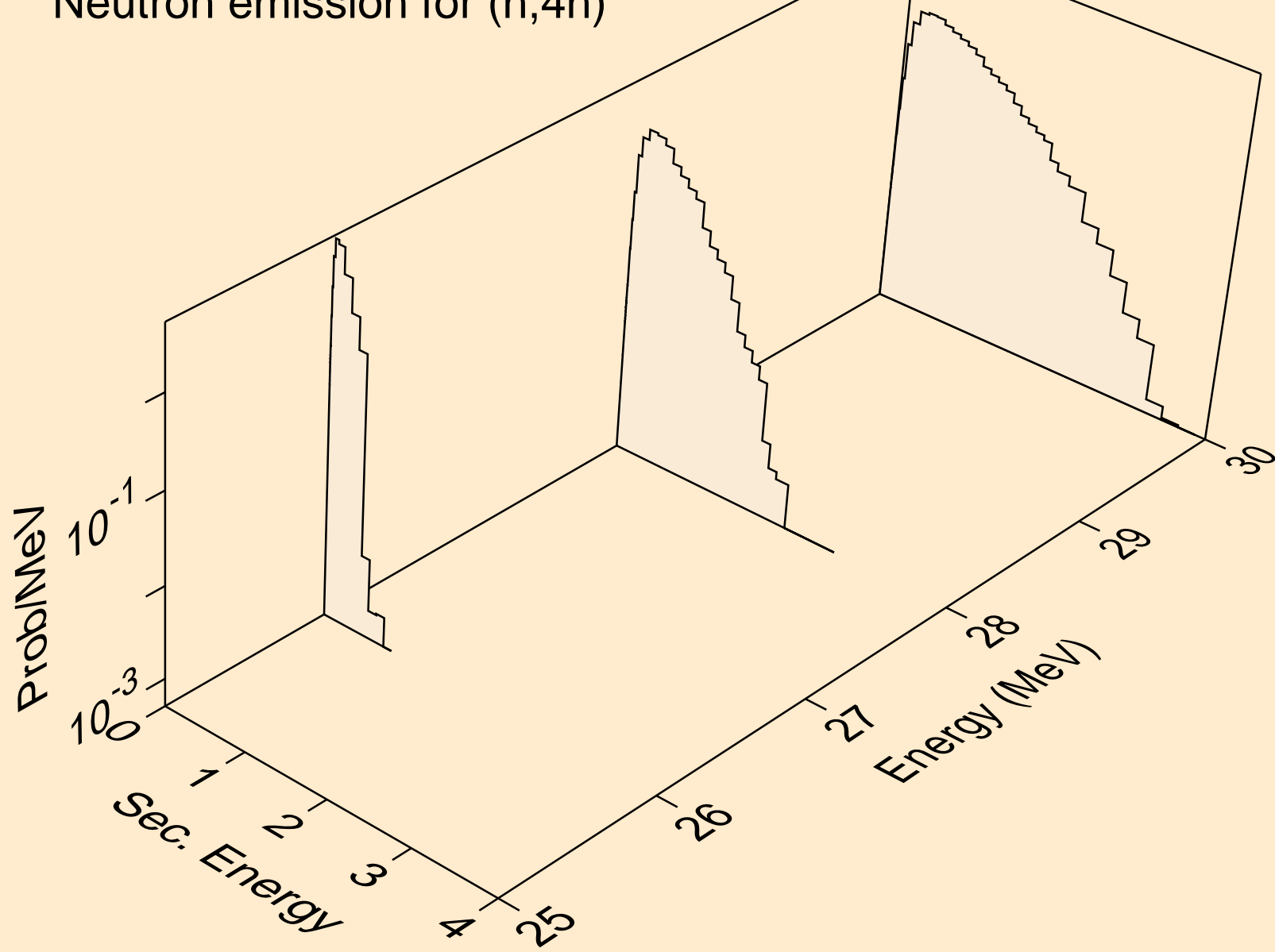


AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

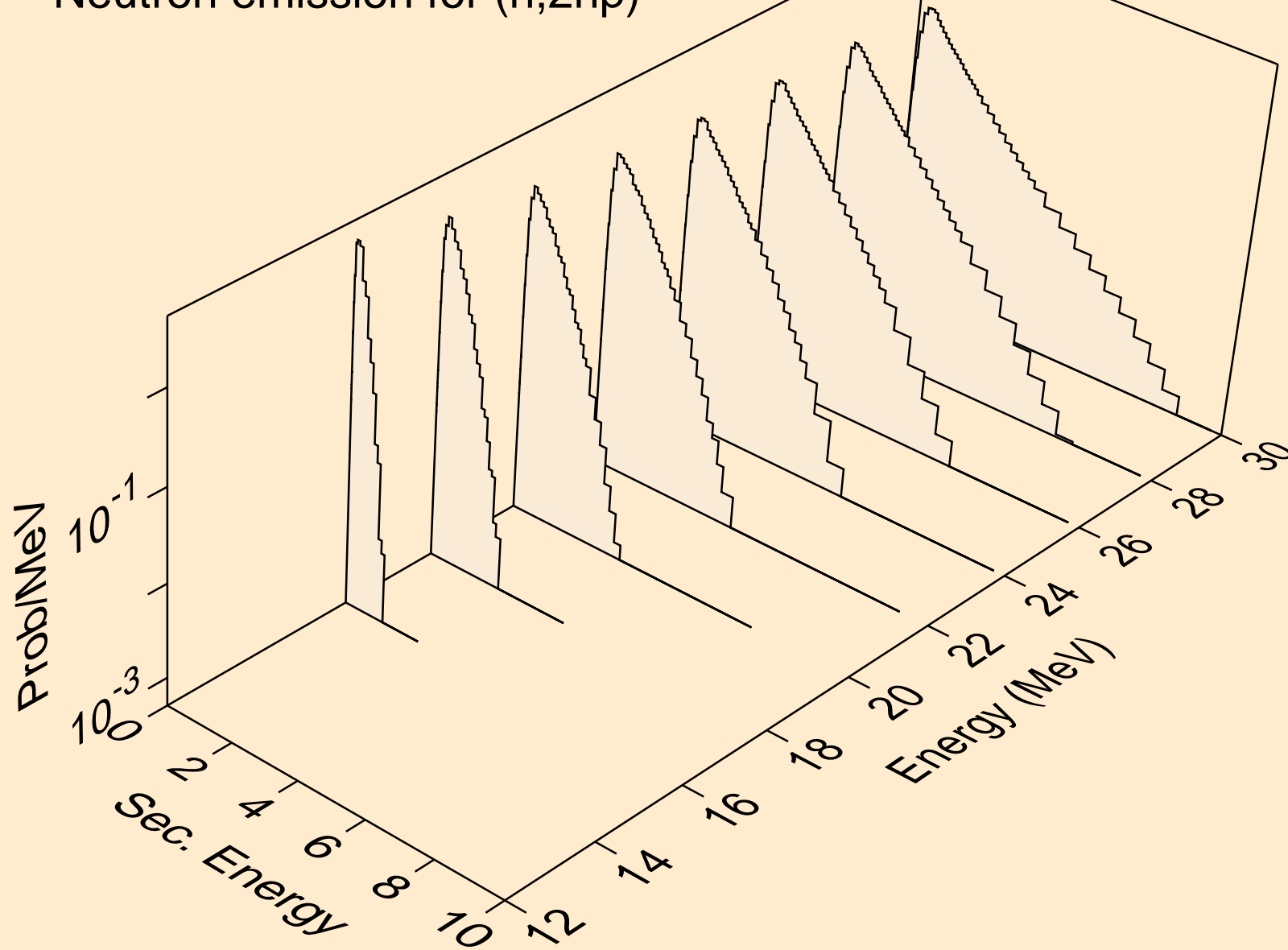




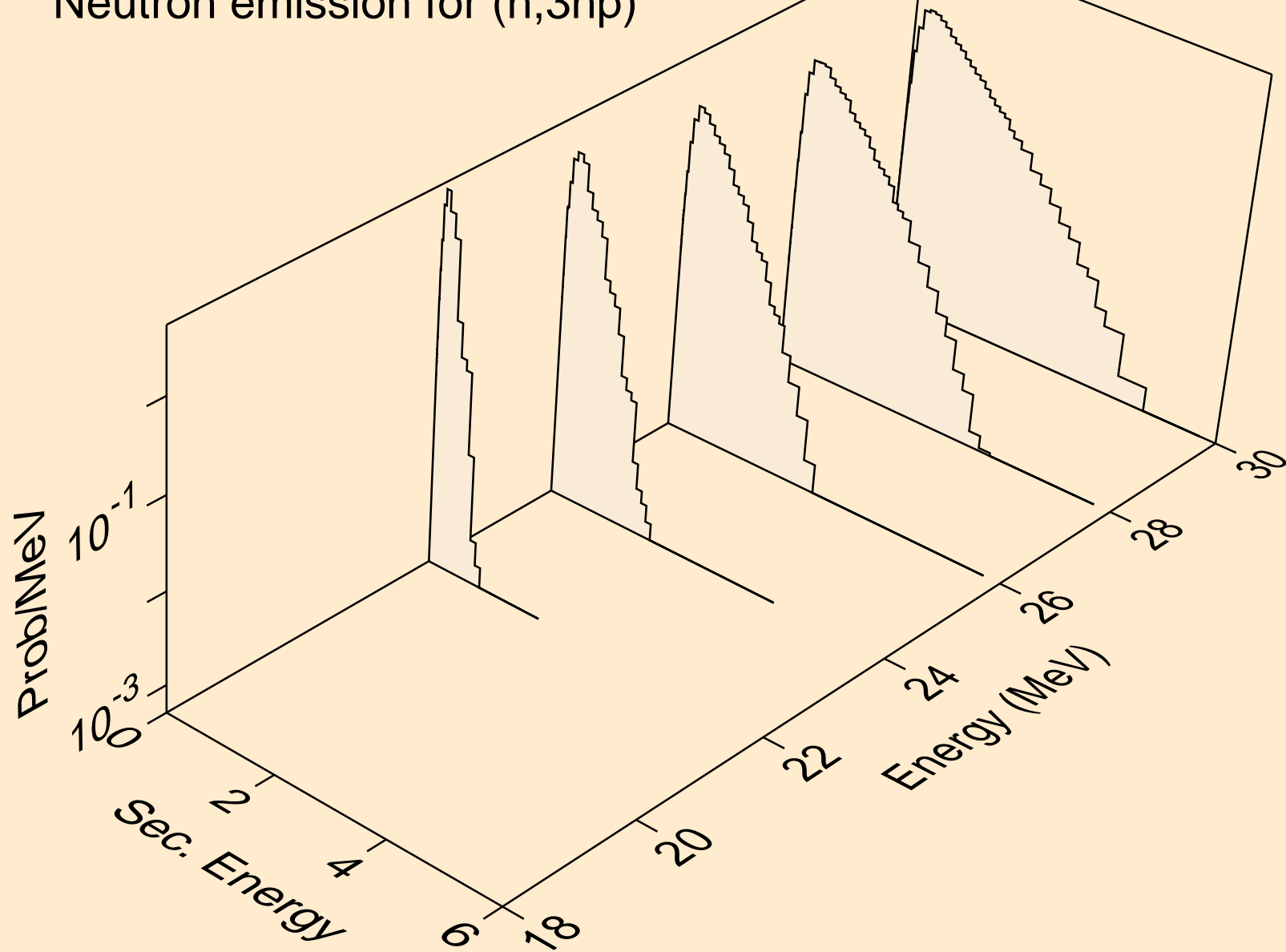
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



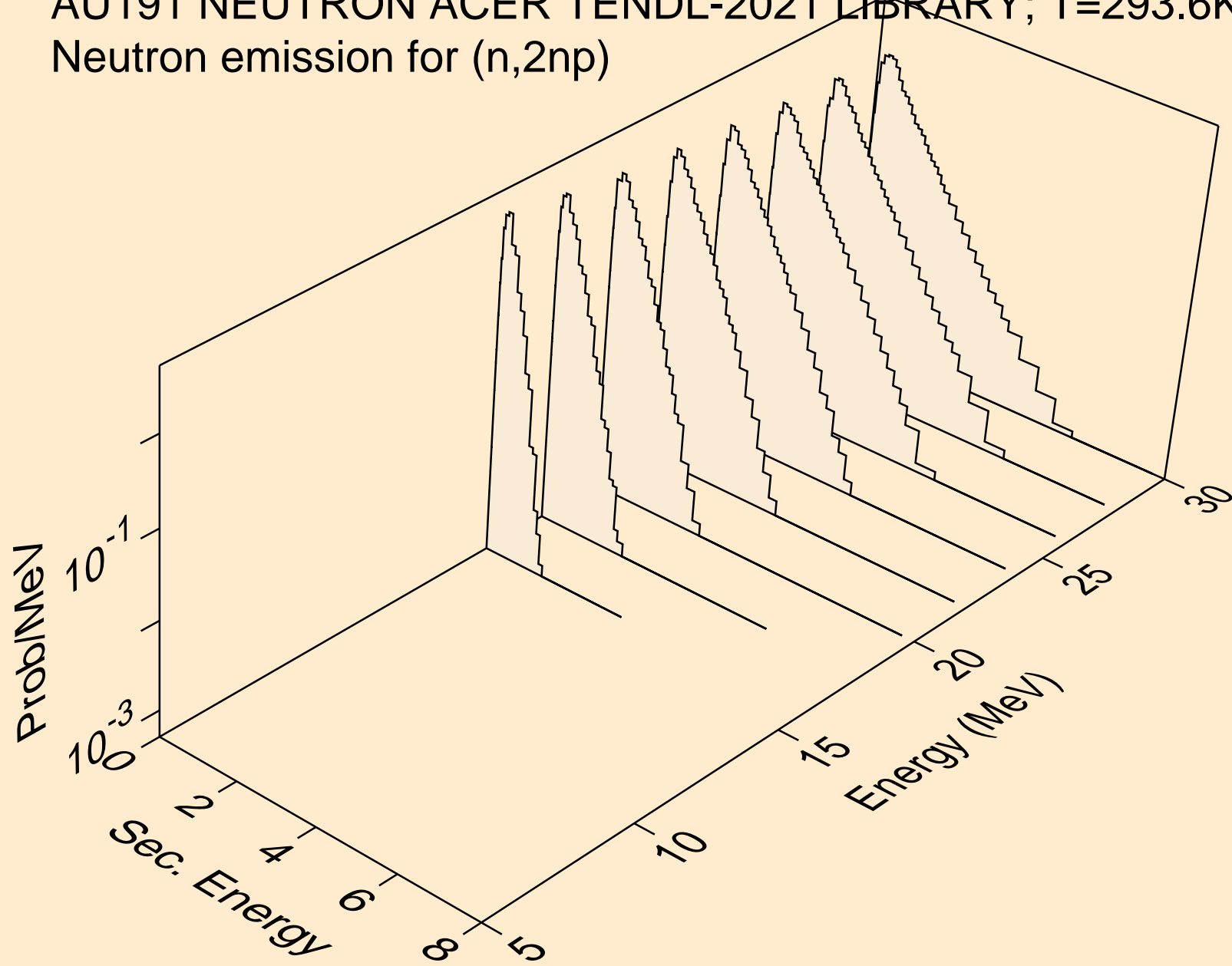
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



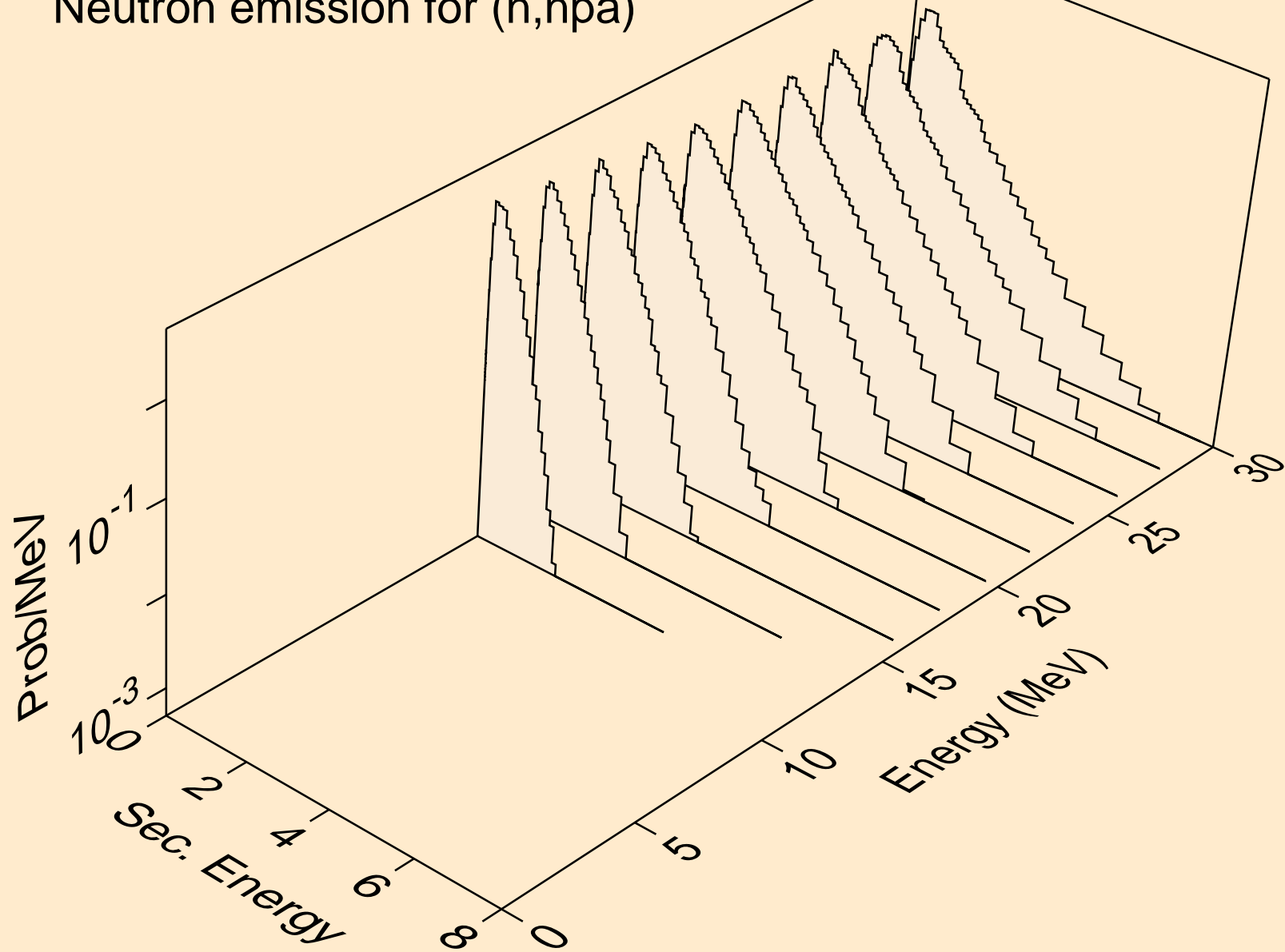
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Neutron emission for (n,3np)



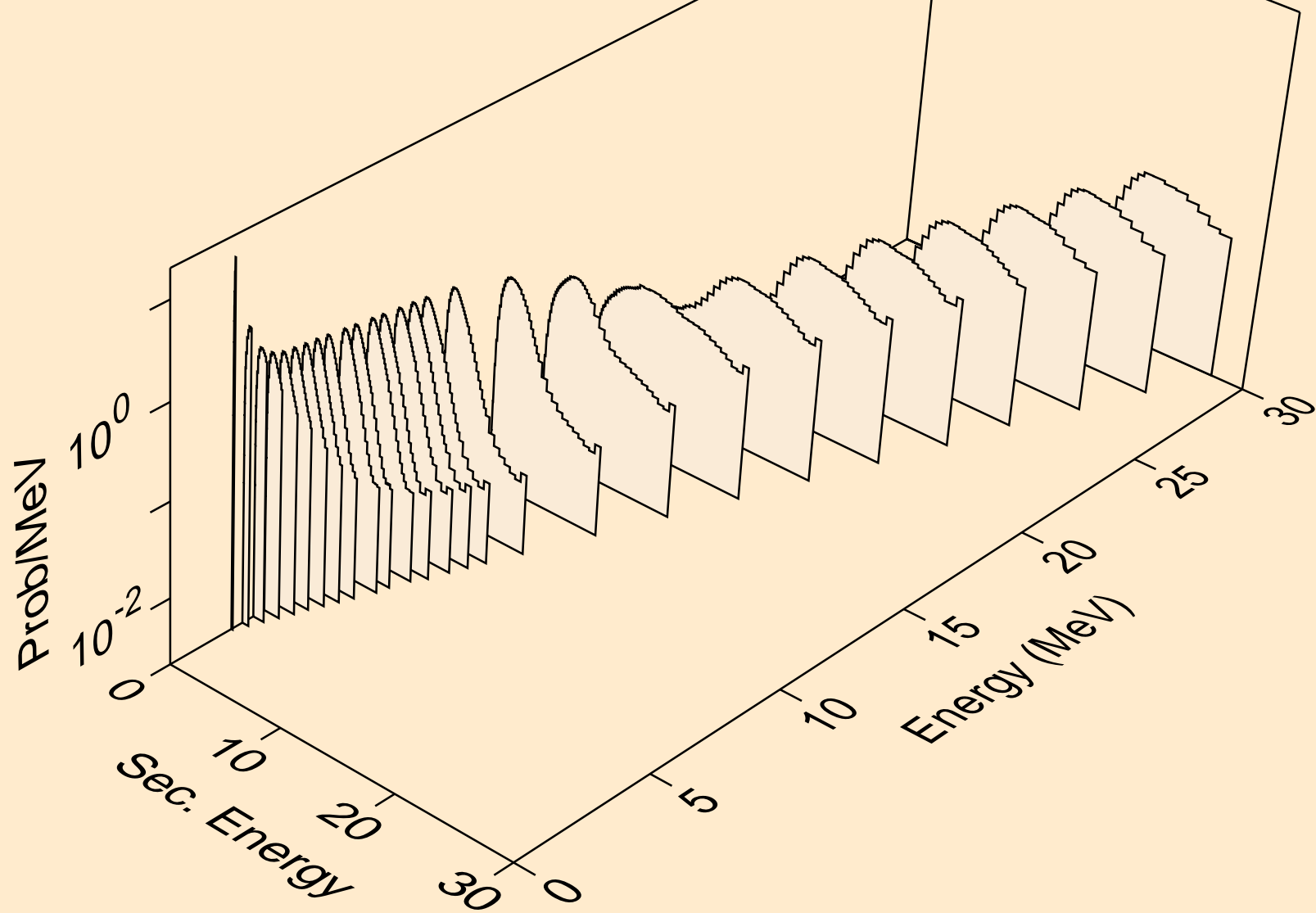
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



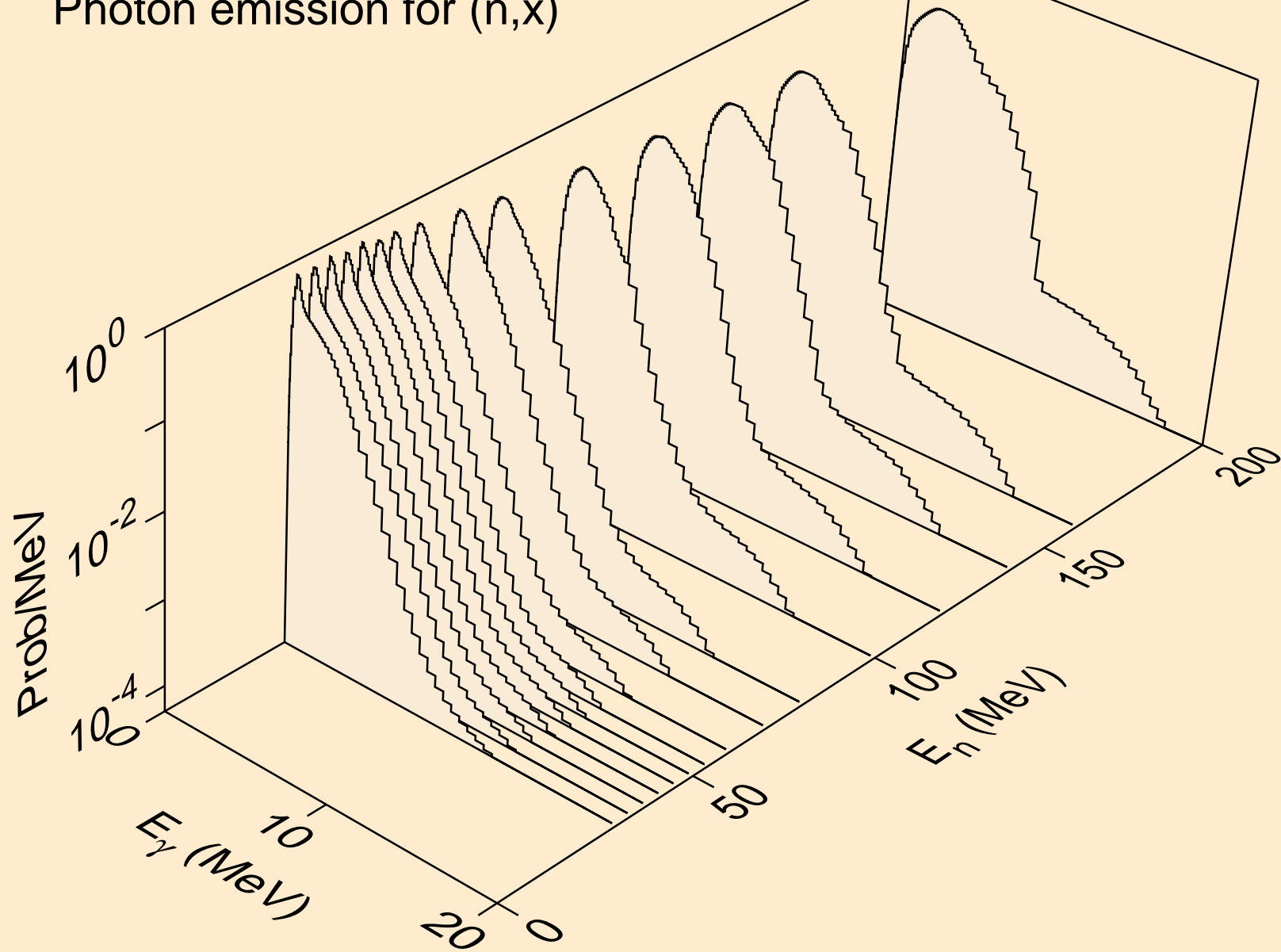
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



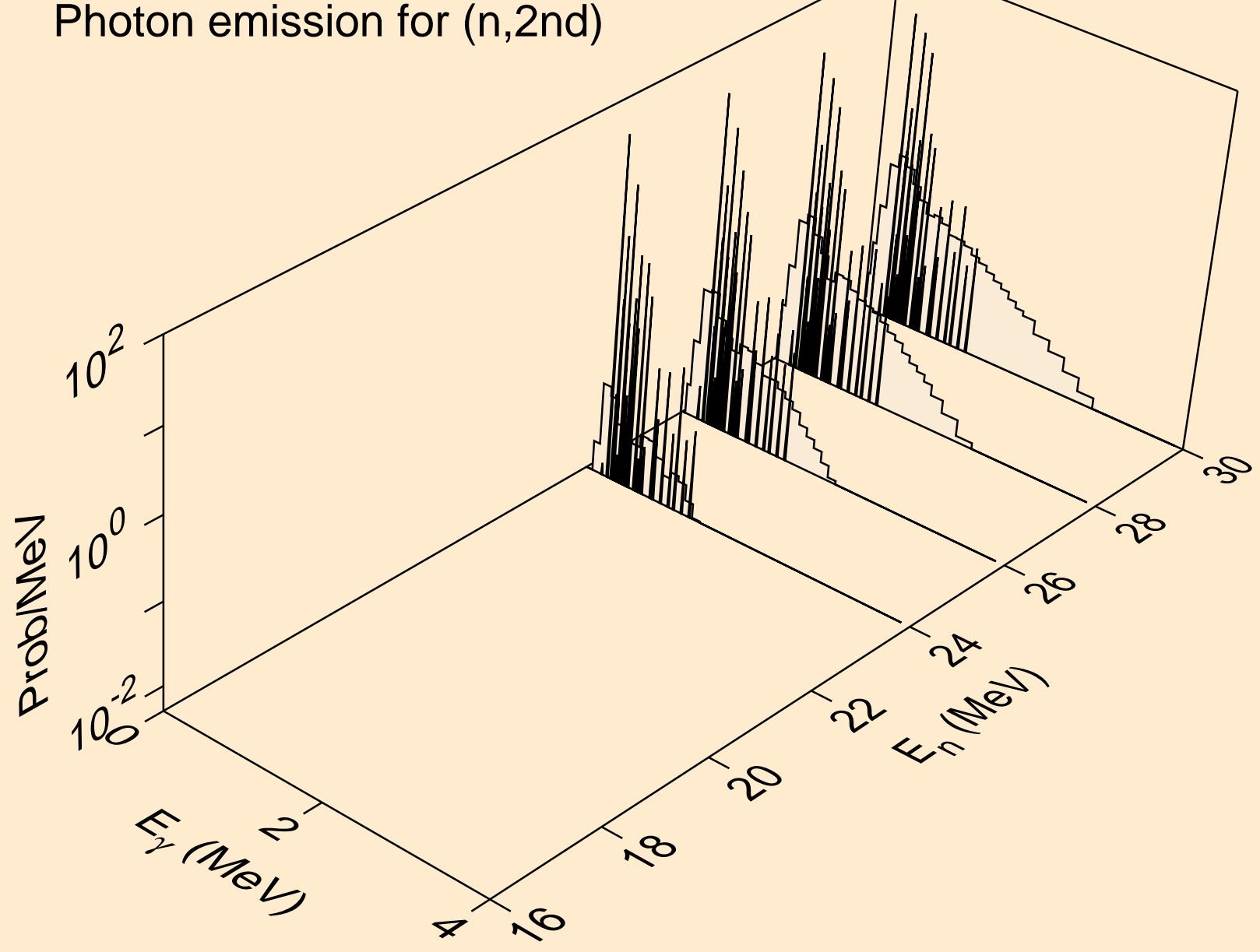
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

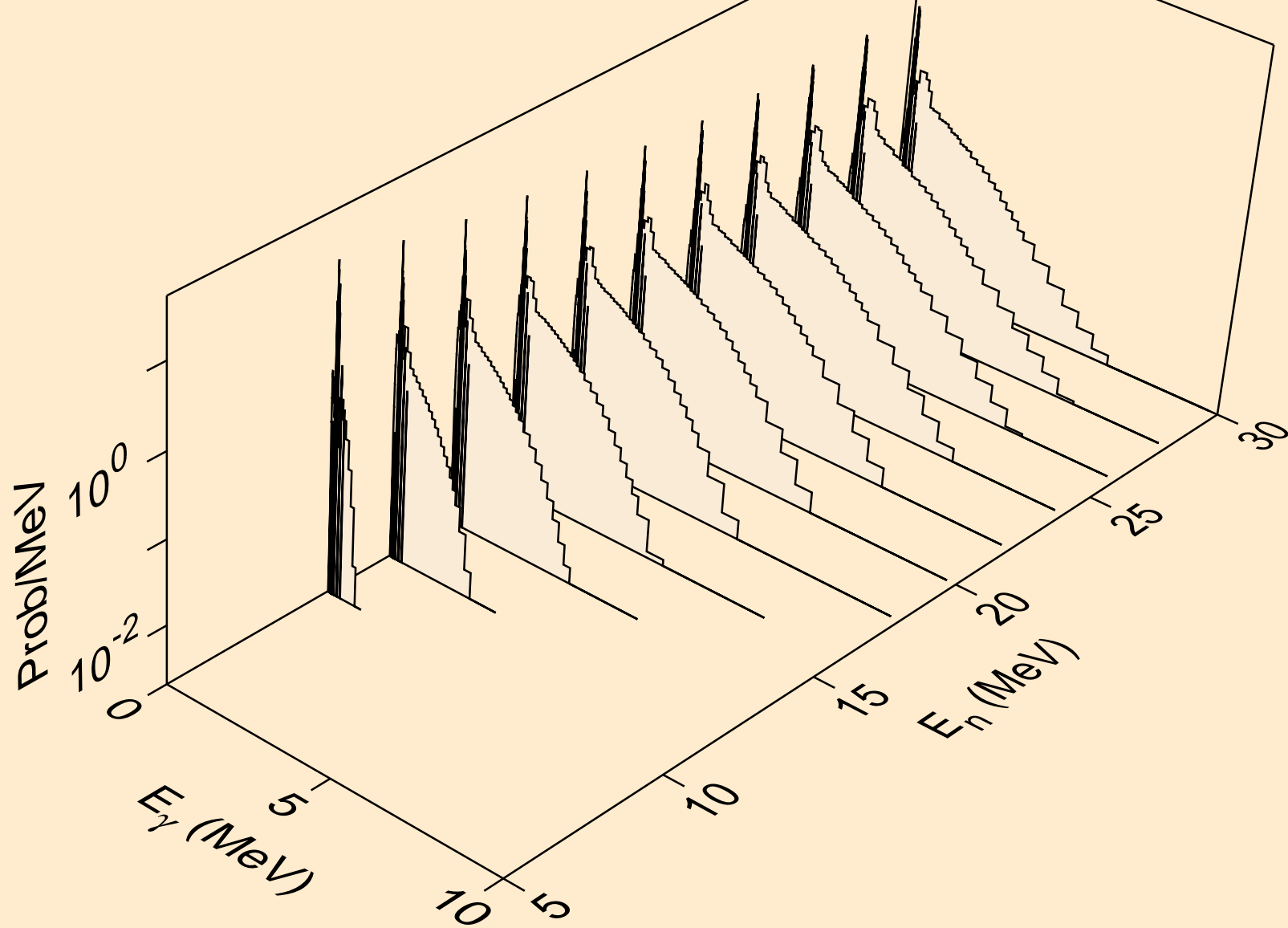


AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

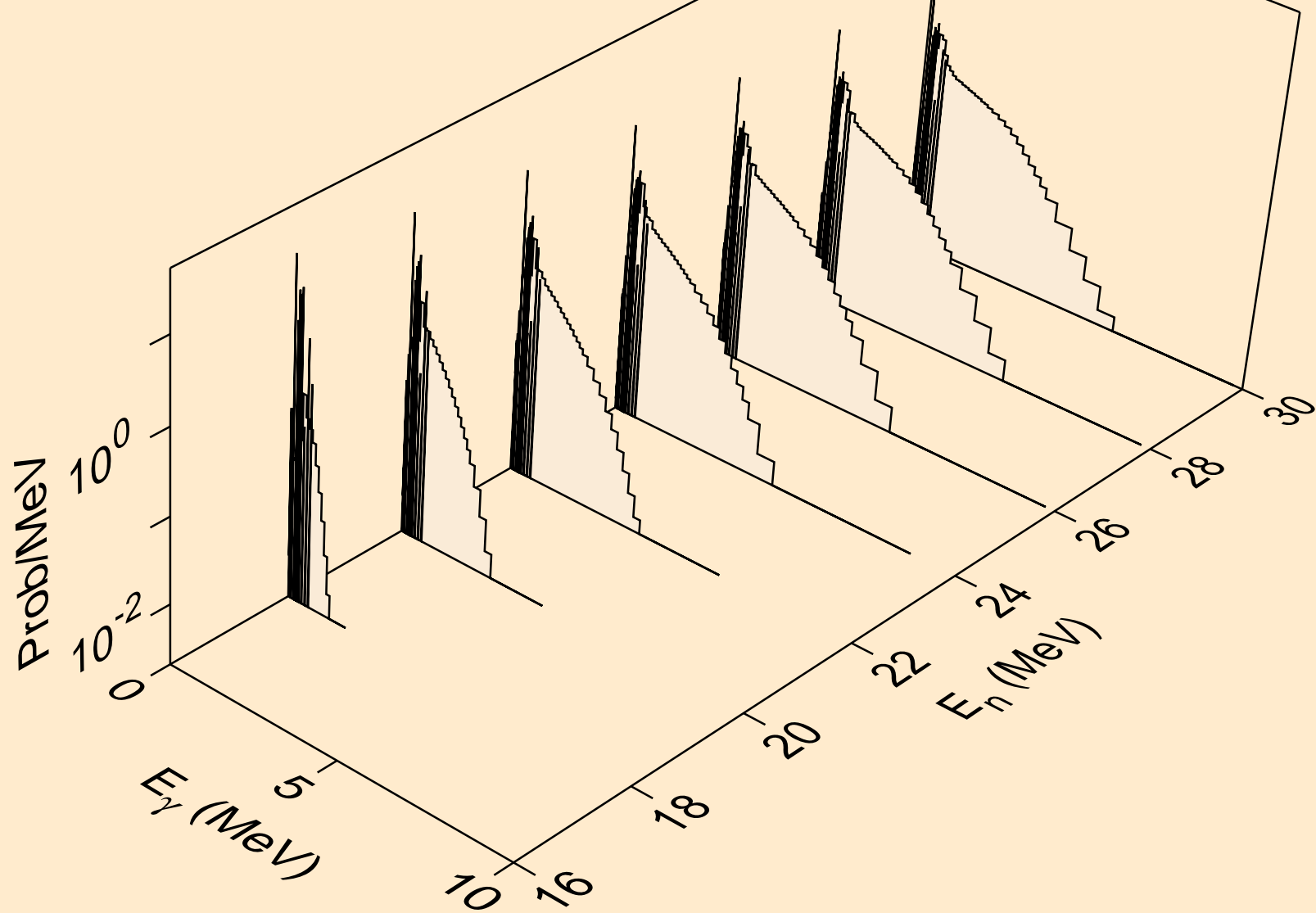




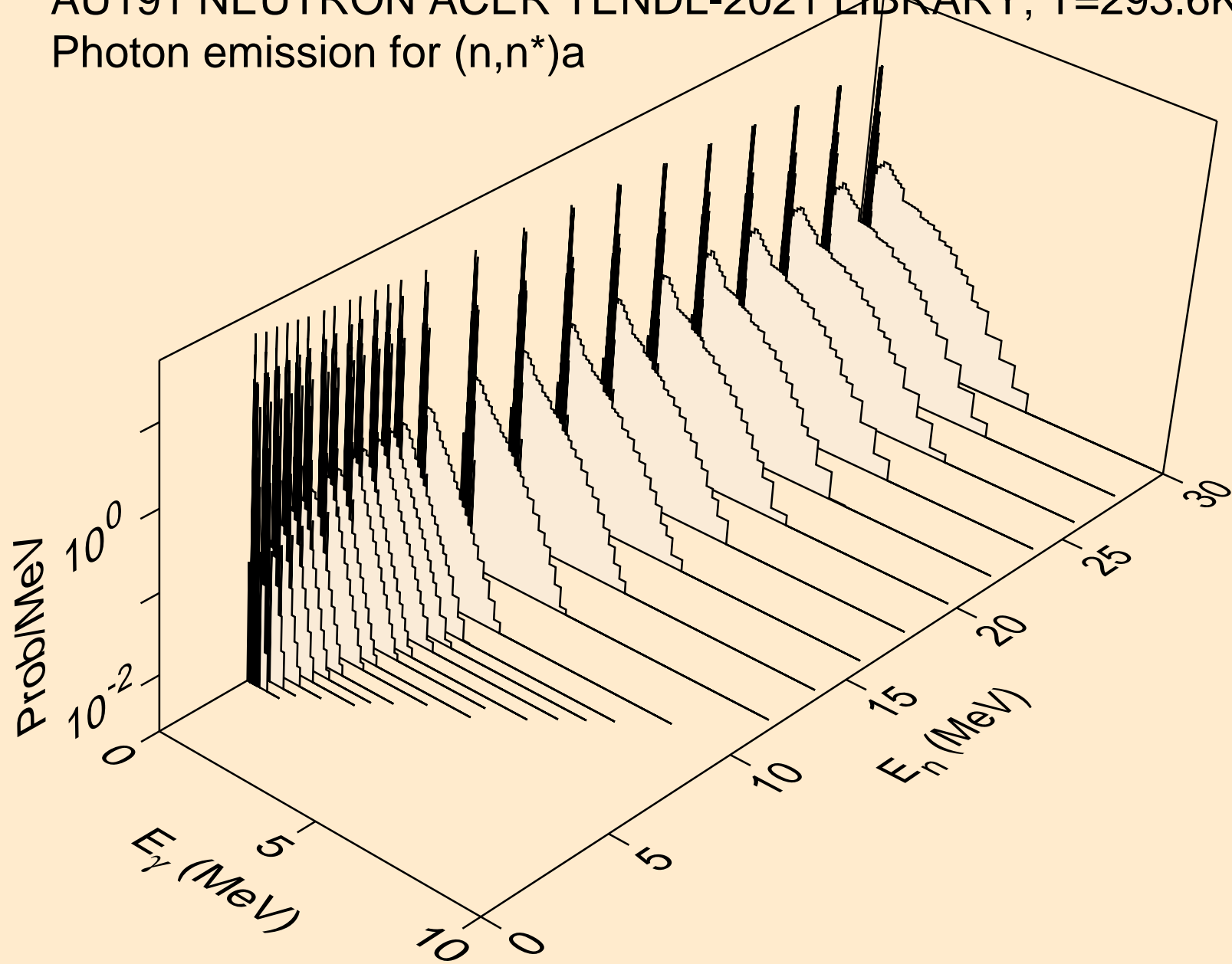
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Photon emission for (n,2n)



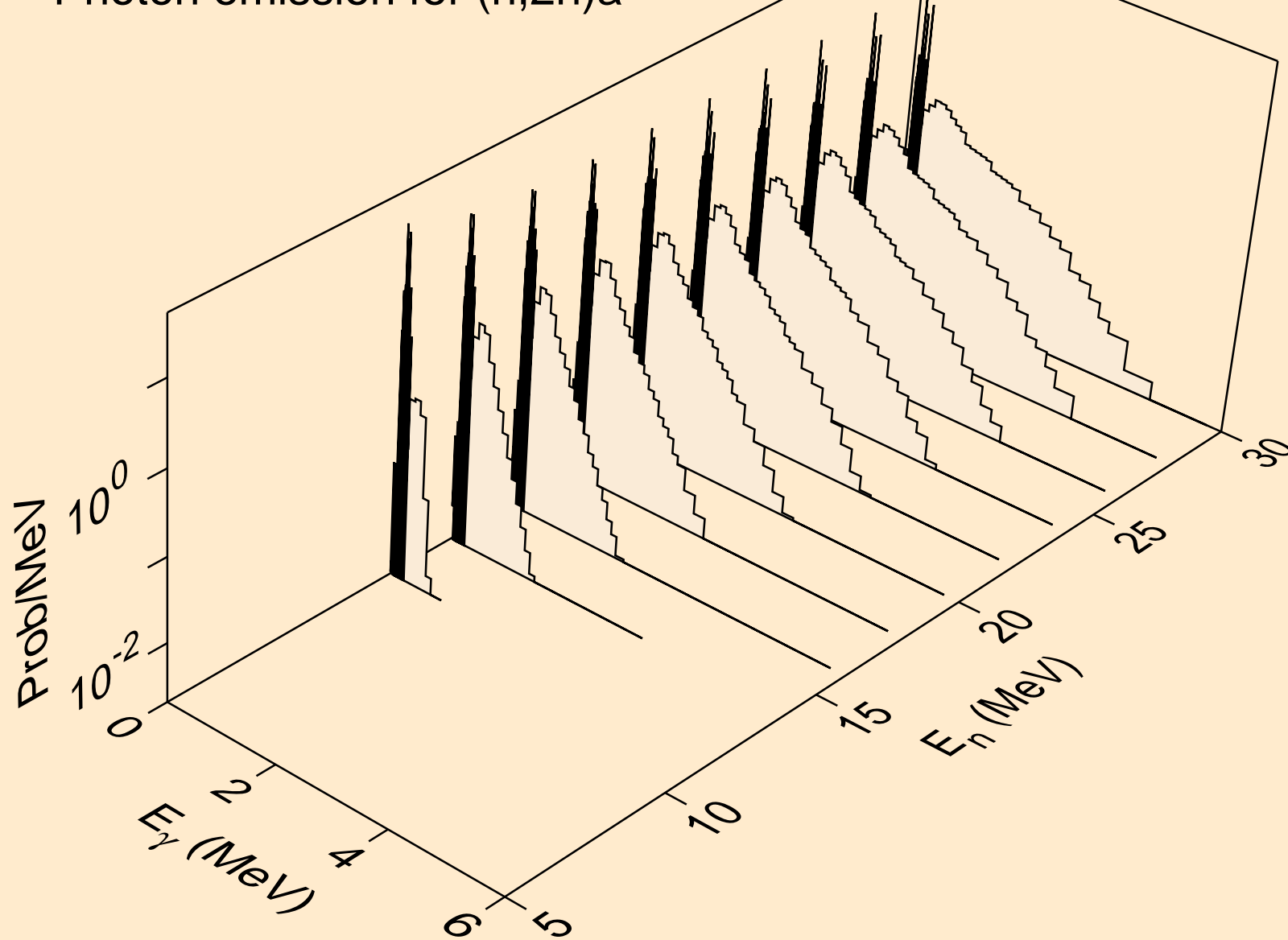
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Photon emission for (n,3n)



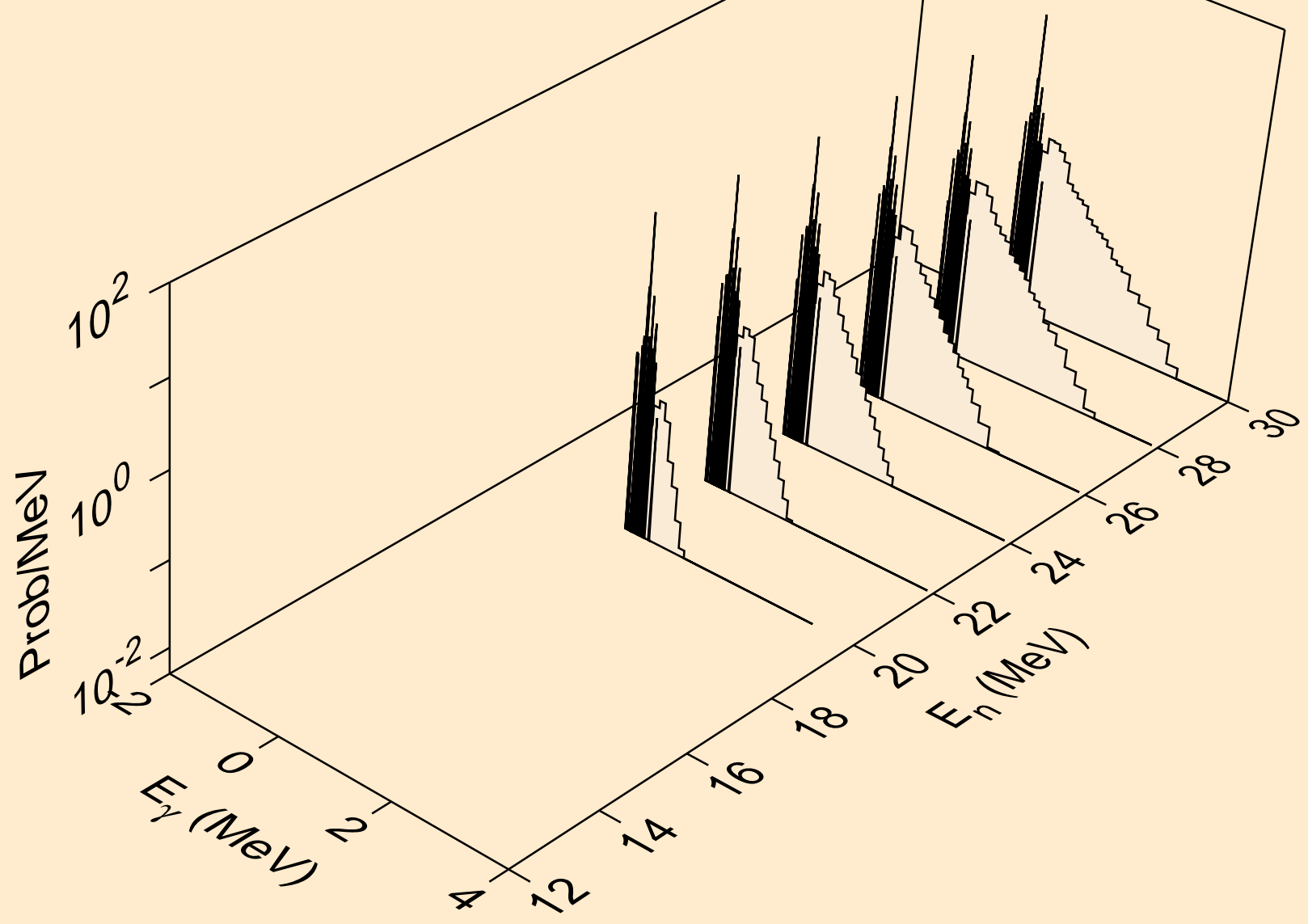
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Photon emission for (n,n\*)a



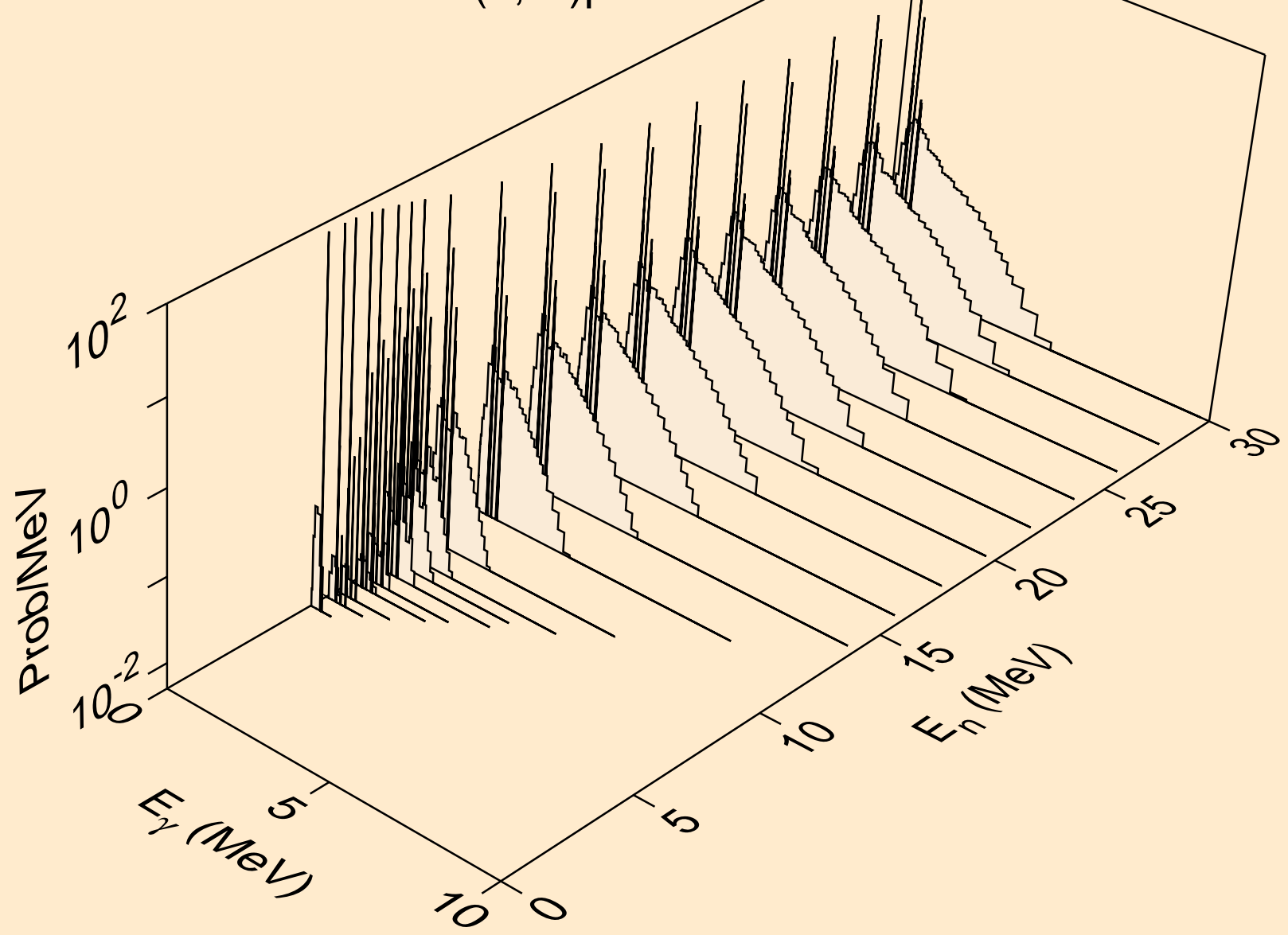
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Photon emission for (n,2n)a



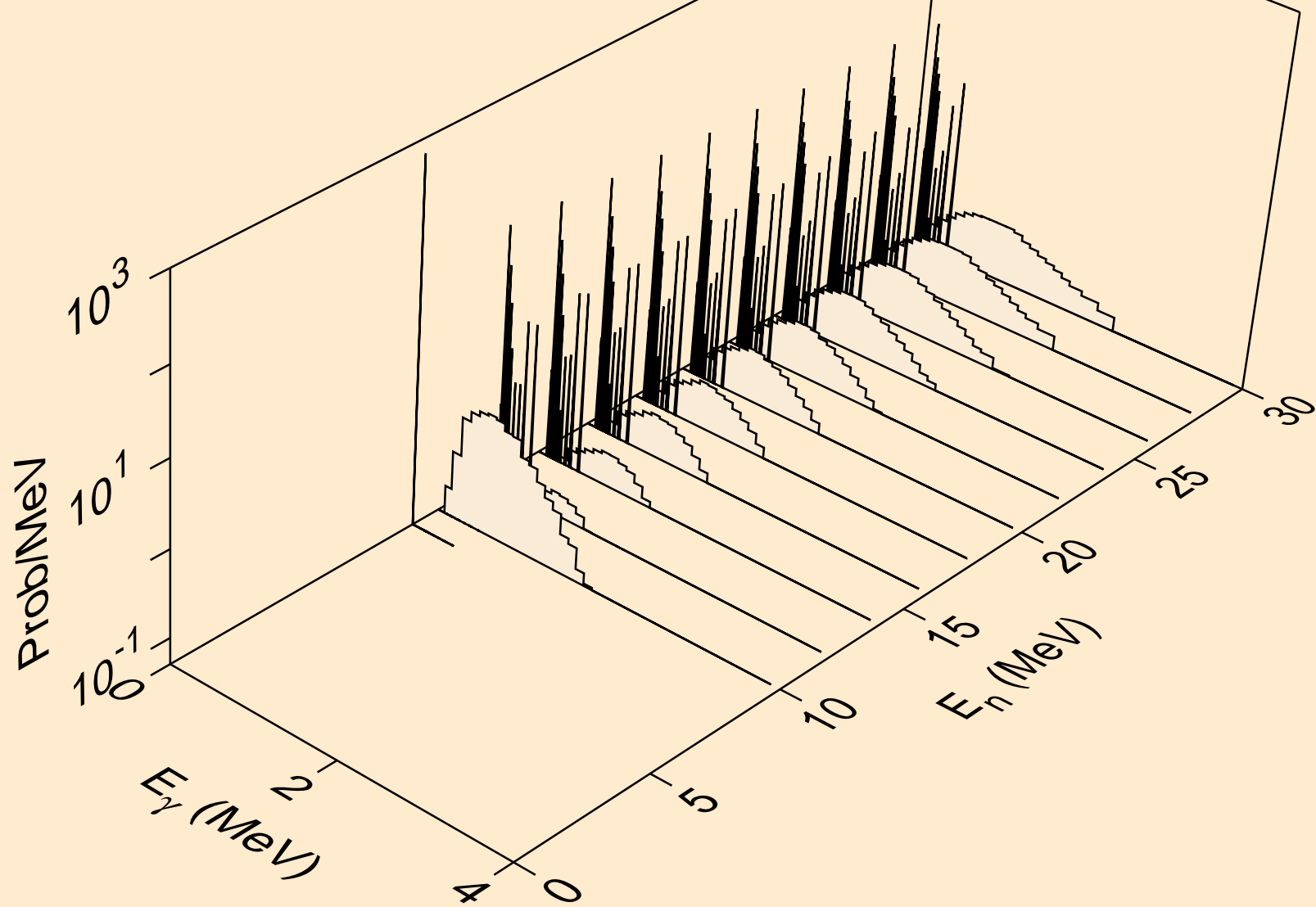
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Photon emission for (n,3n)a



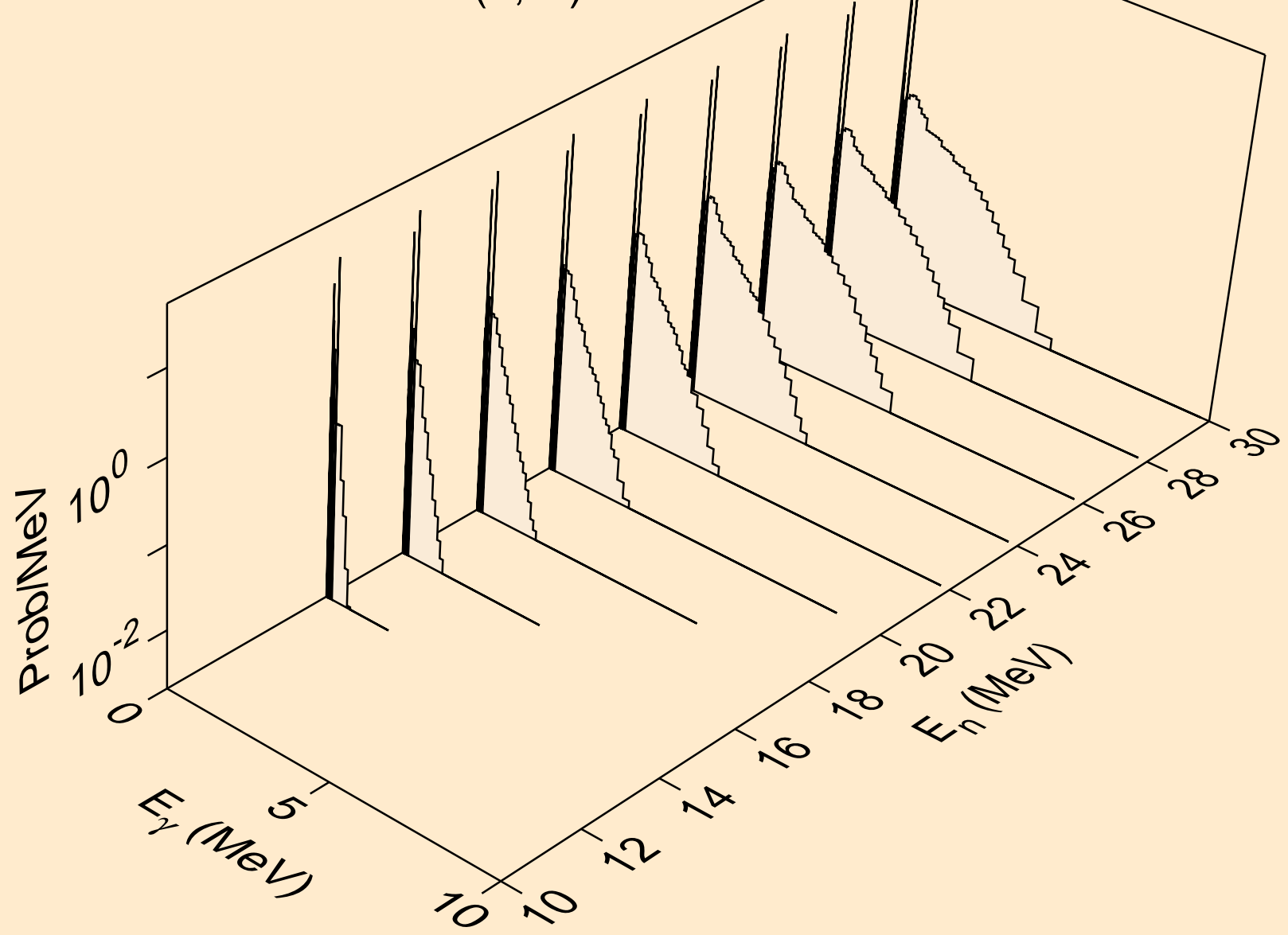
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Photon emission for (n,n\*)p



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

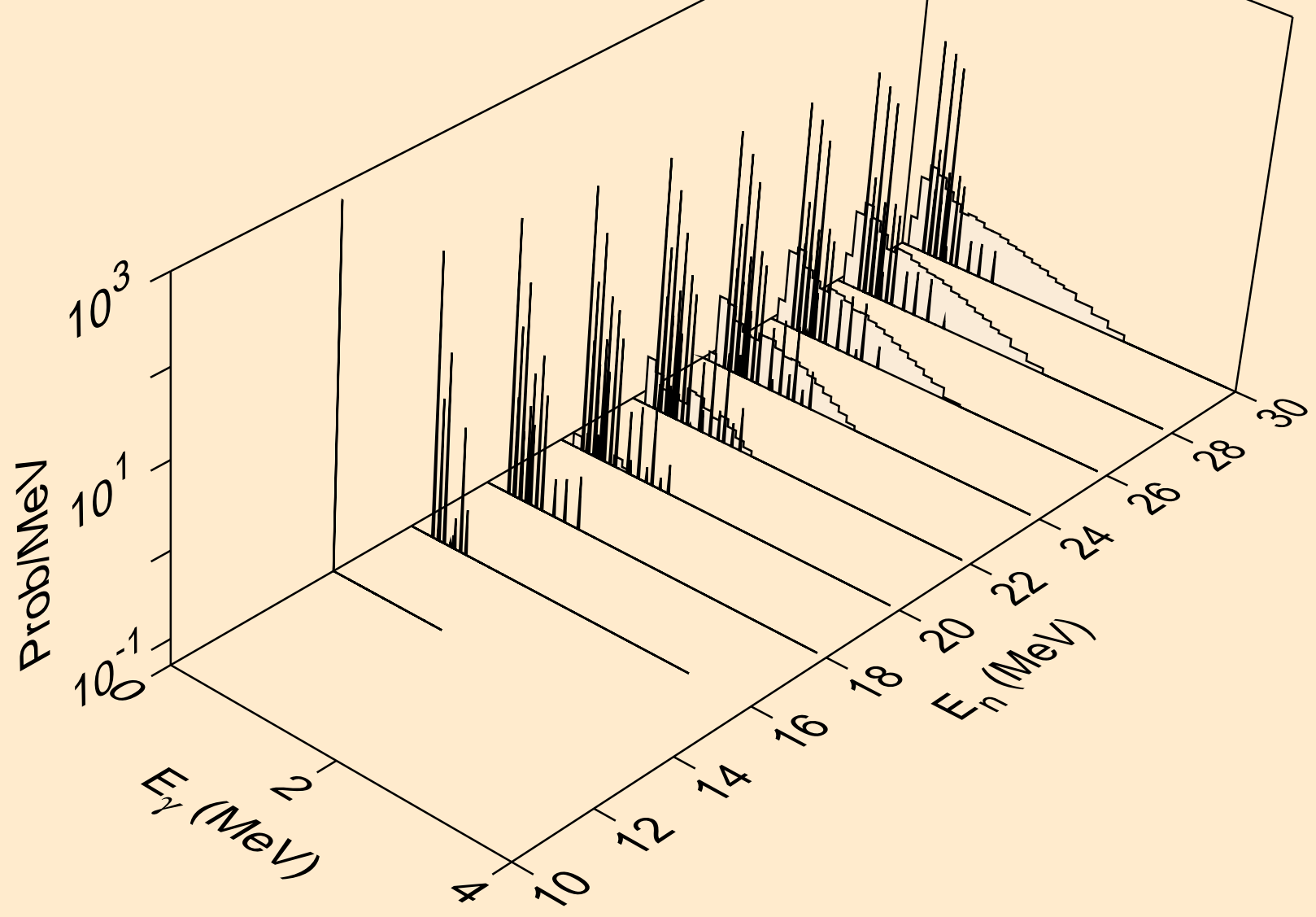


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Photon emission for (n,n\*)d

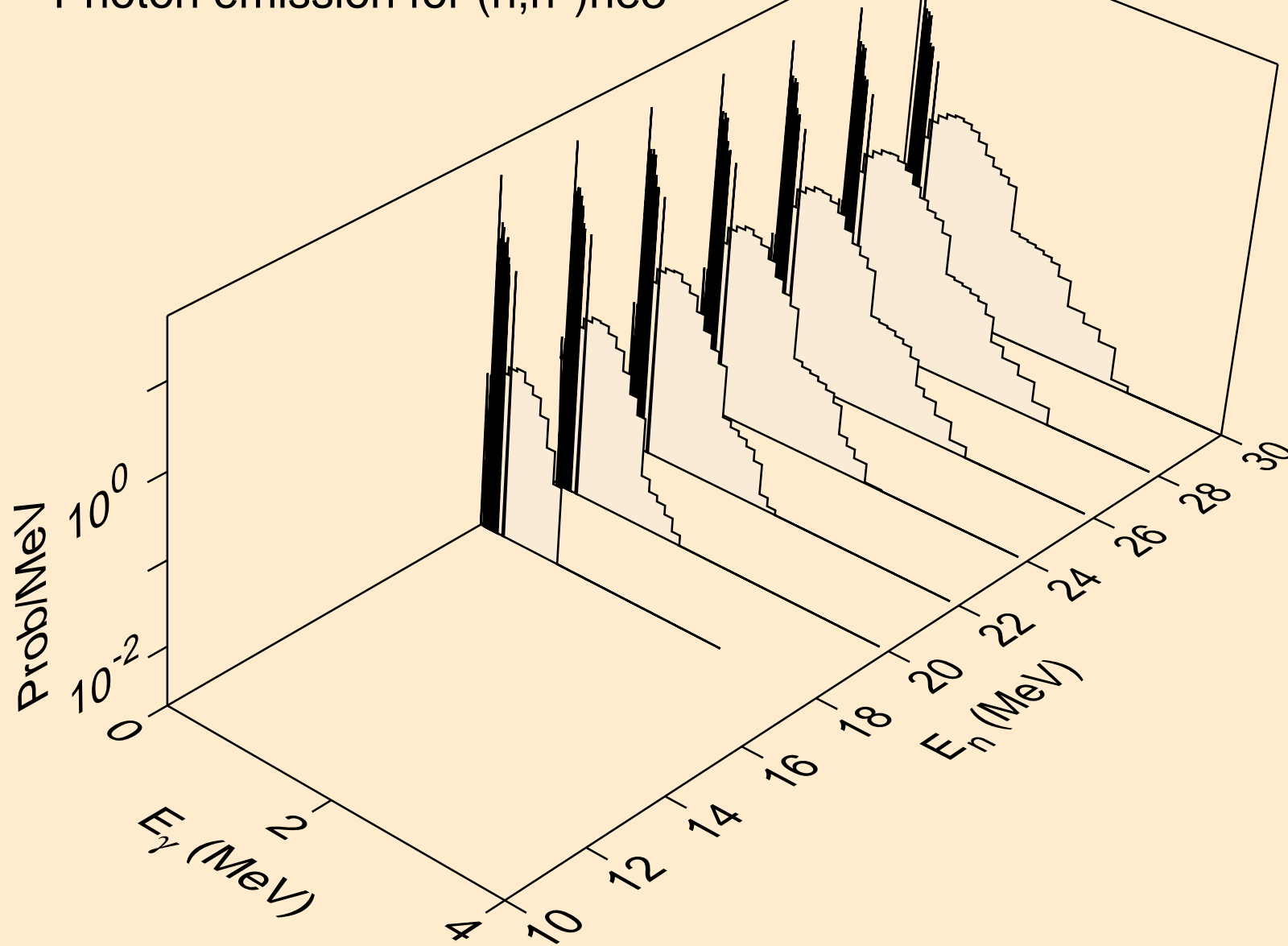




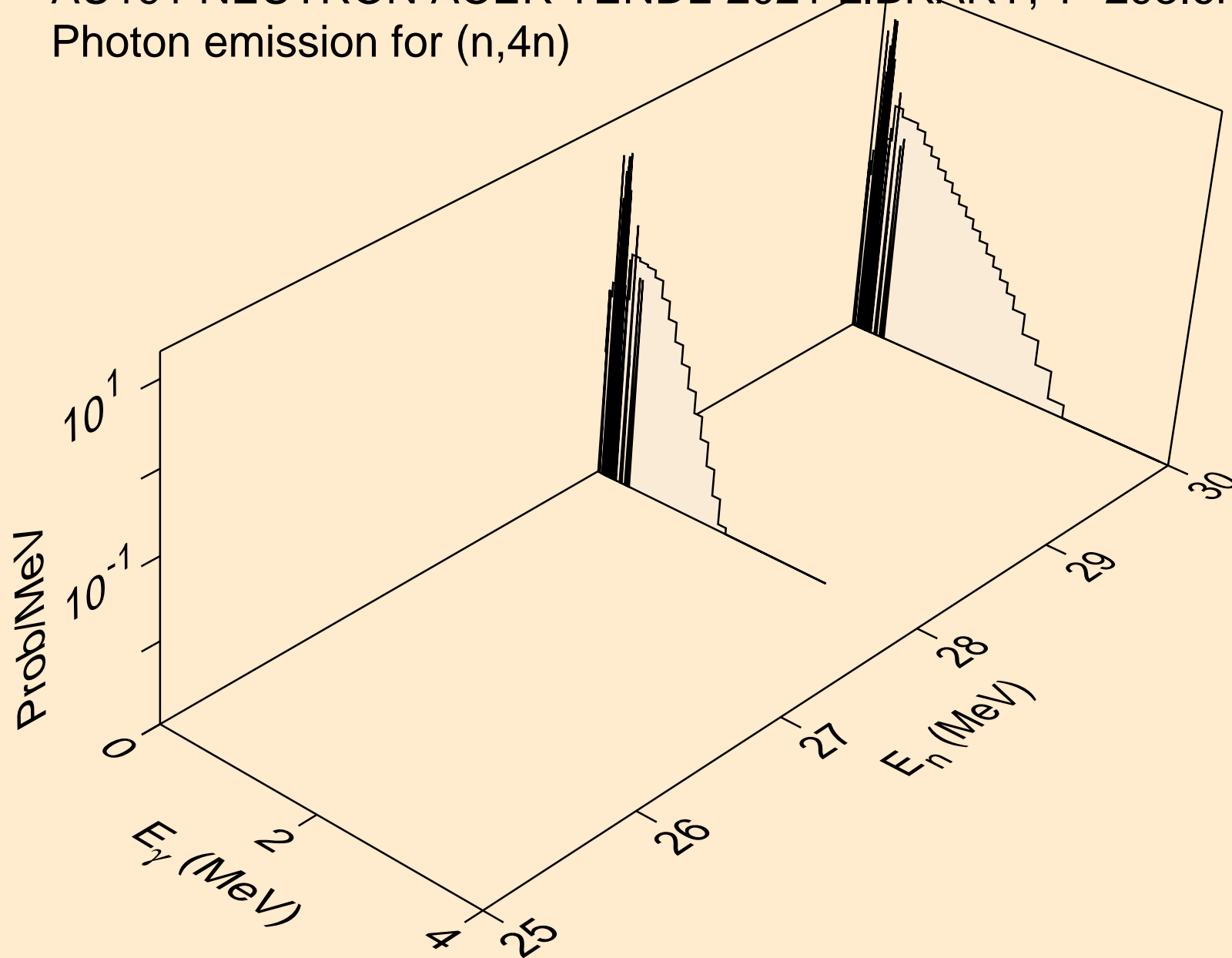
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Photon emission for (n,n\*)t



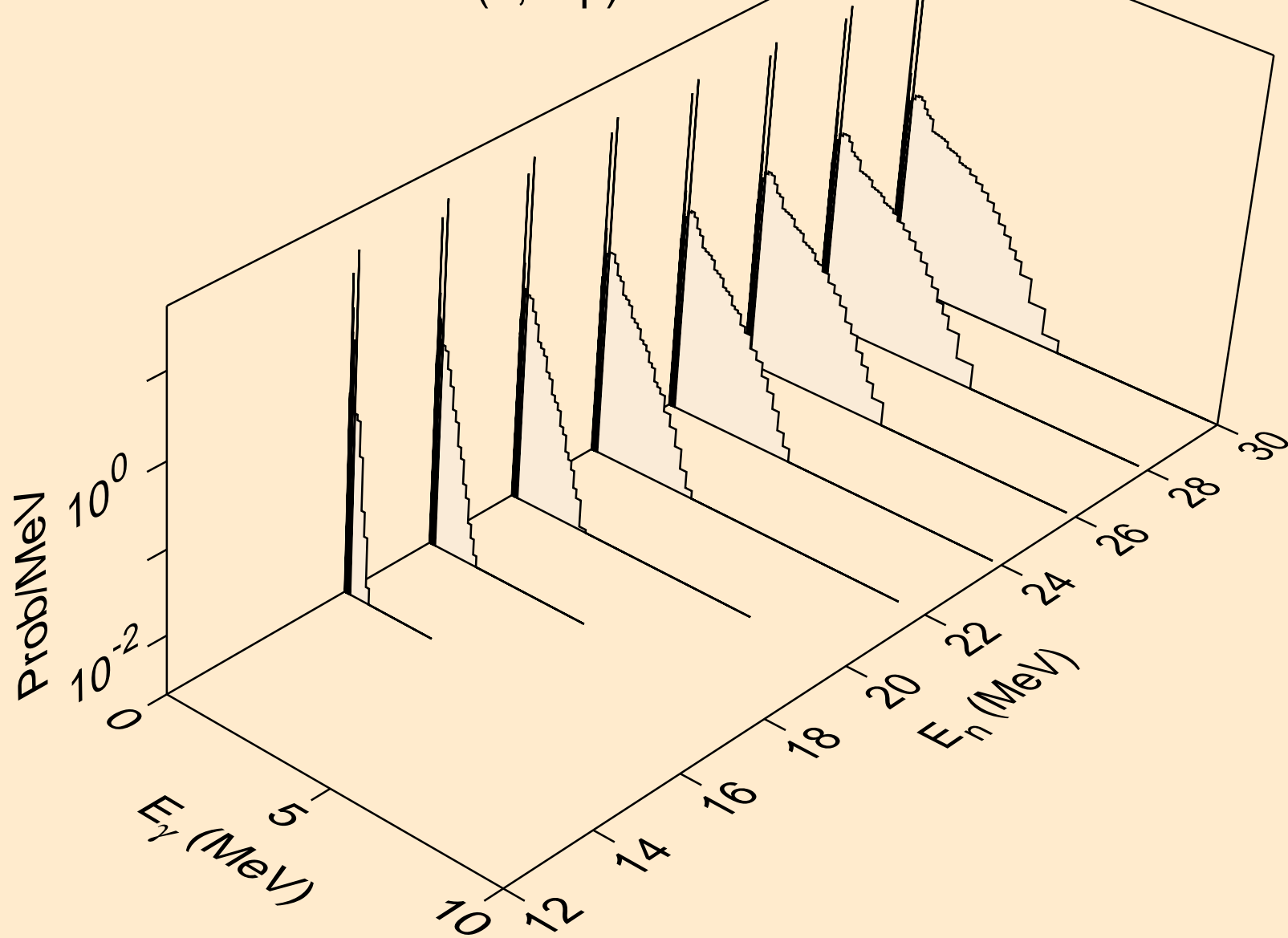
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Photon emission for (n,n\*)he3



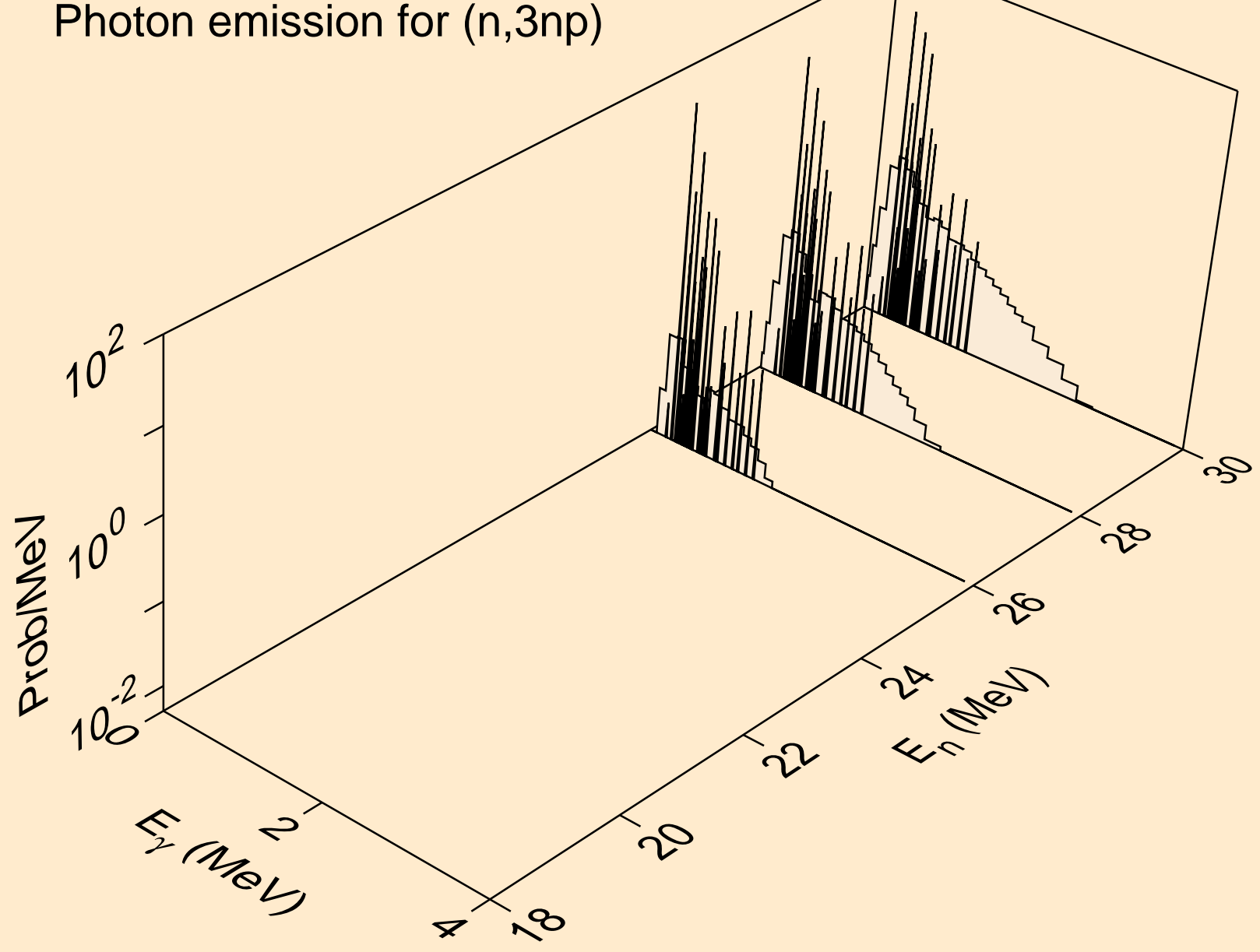
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Photon emission for (n,4n)



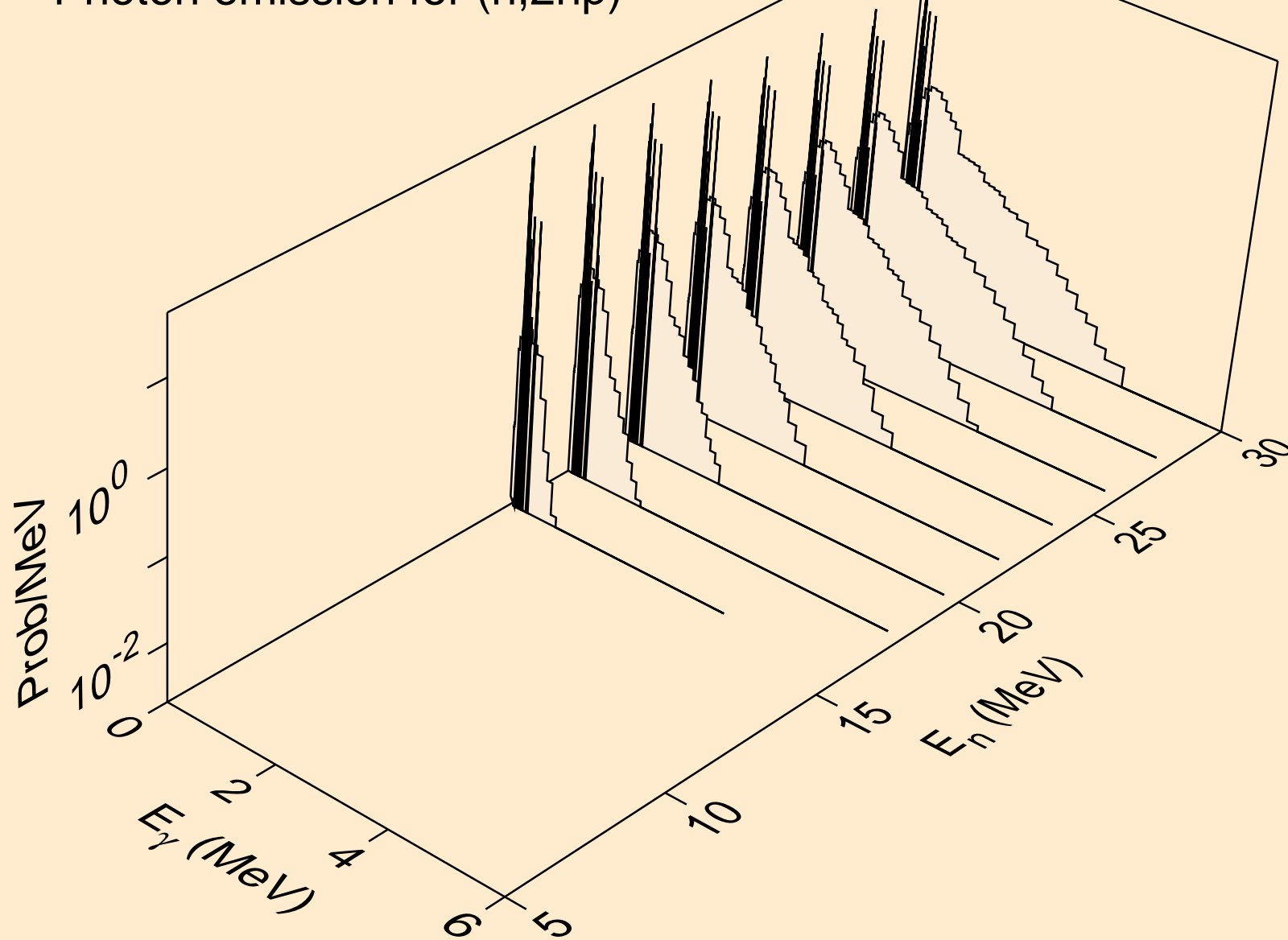
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Photon emission for (n,2np)



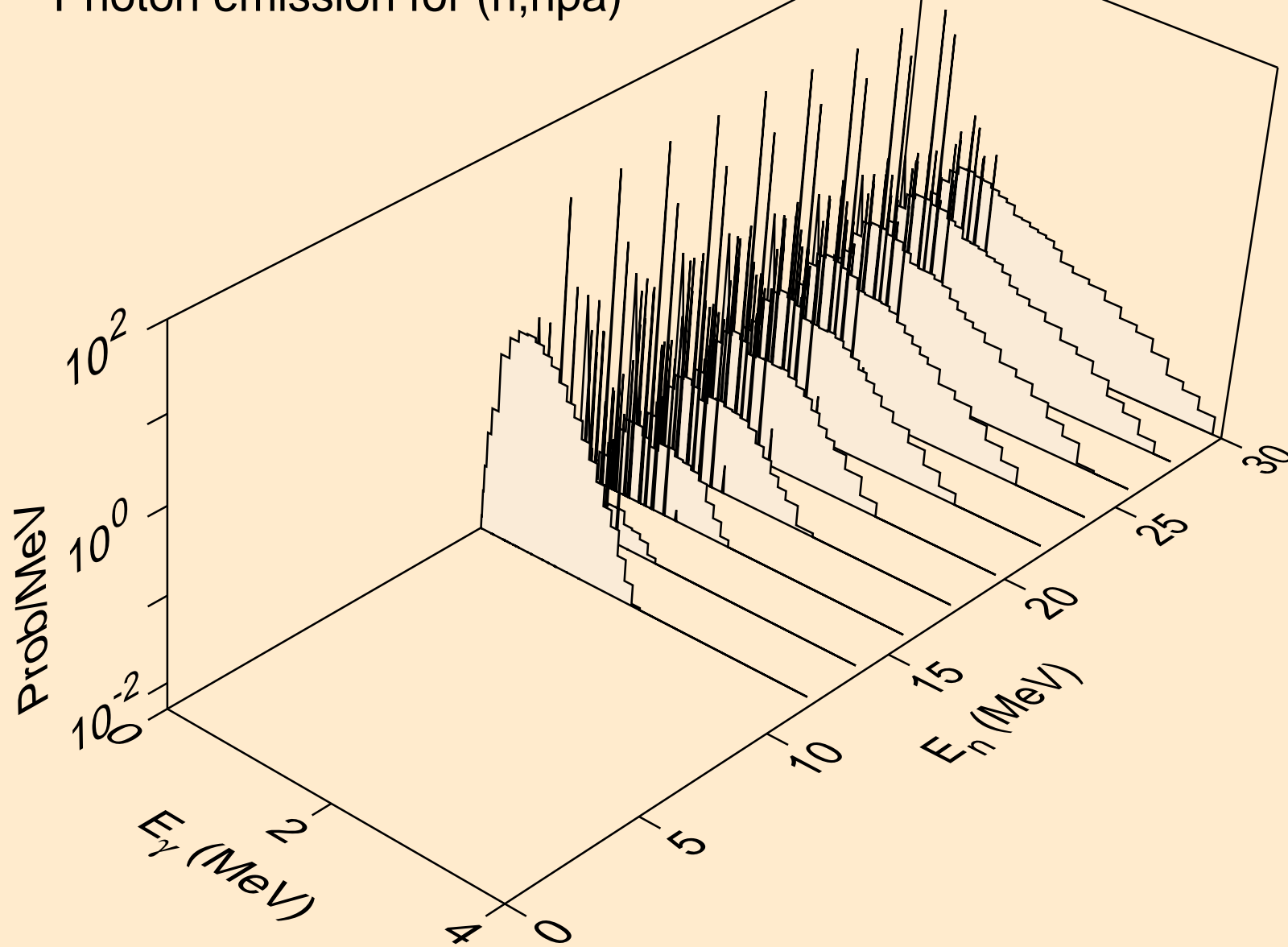
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Photon emission for (n,3np)



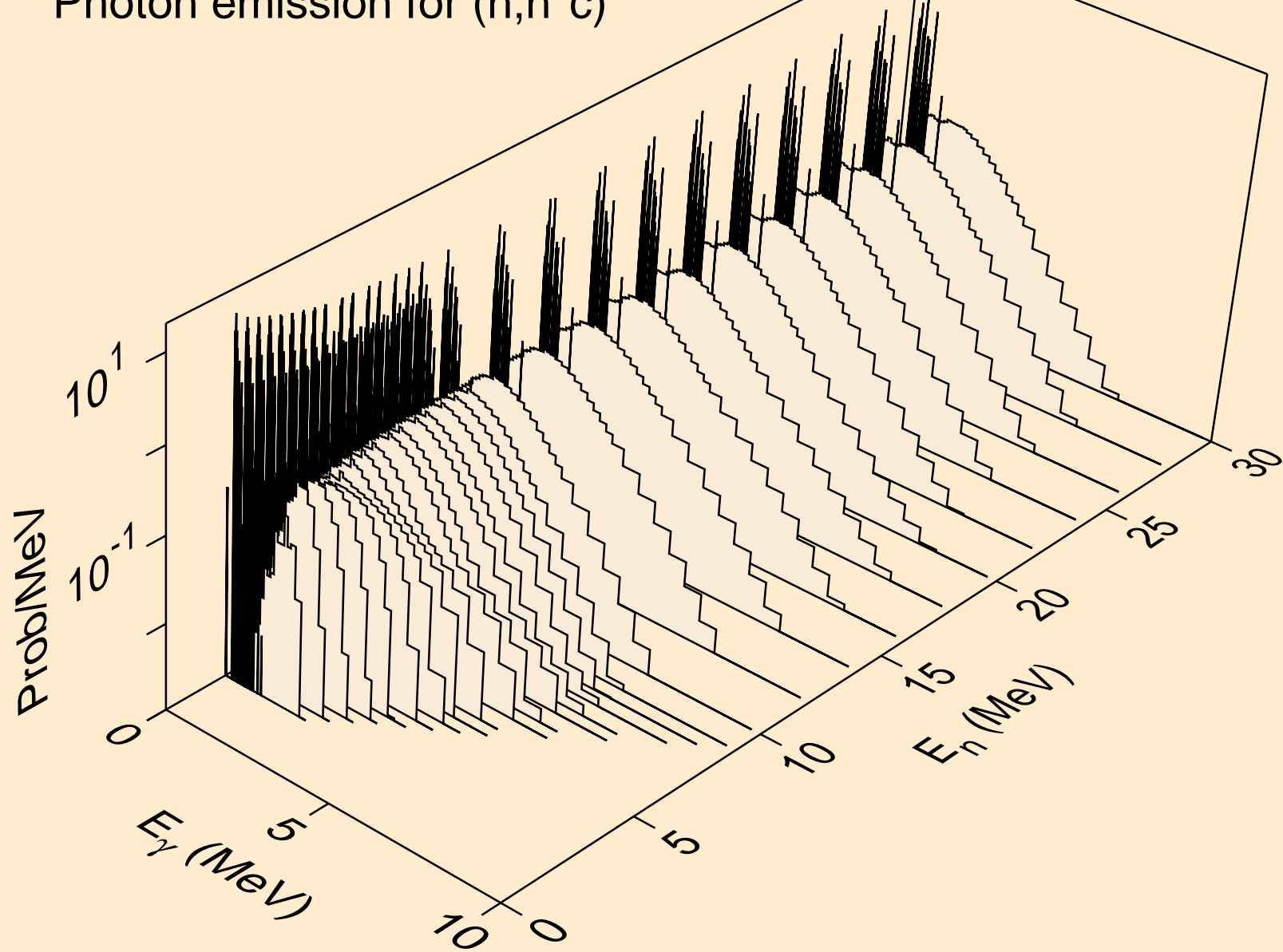
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Photon emission for (n,2np)



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)

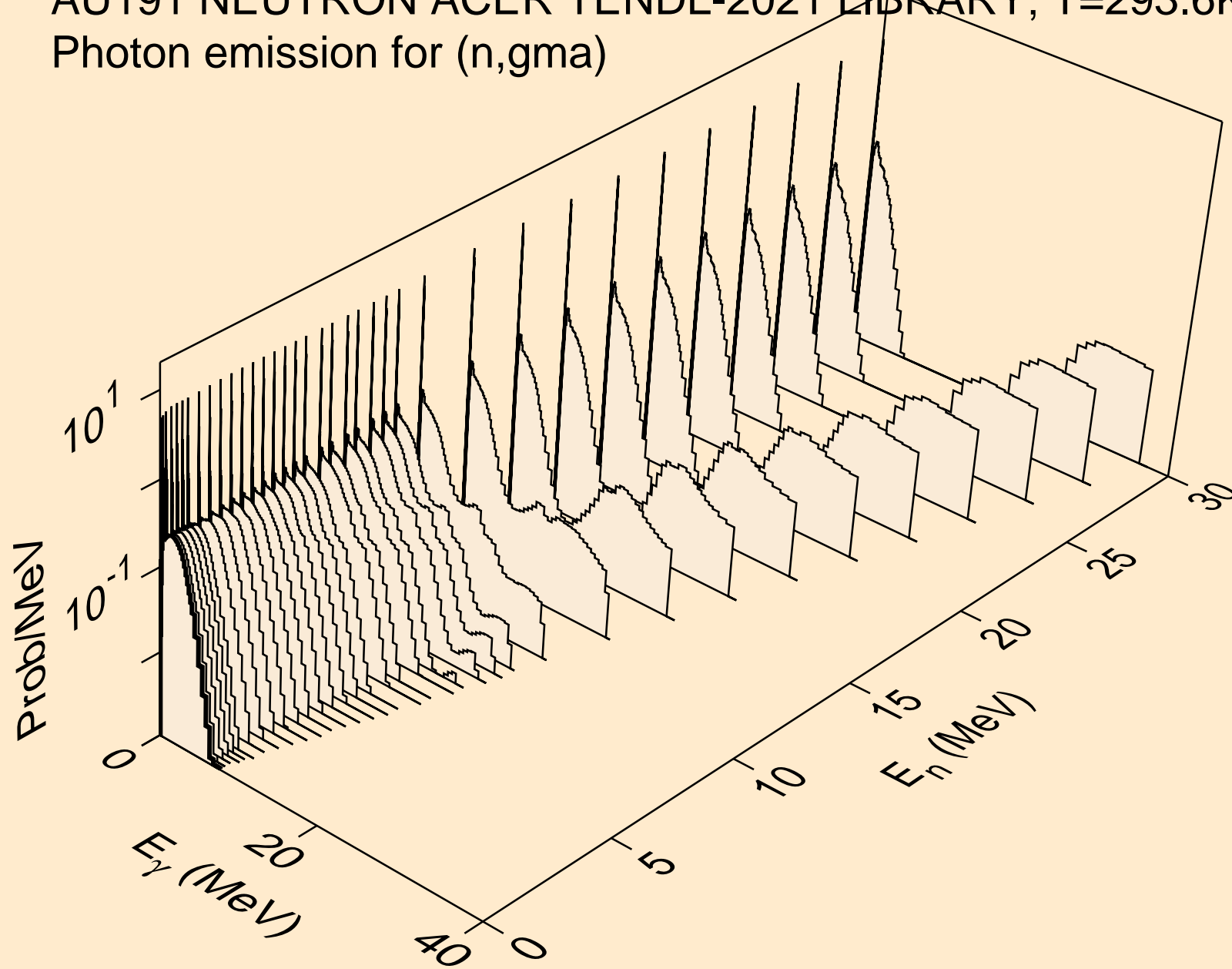


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Photon emission for (n,n\*c)

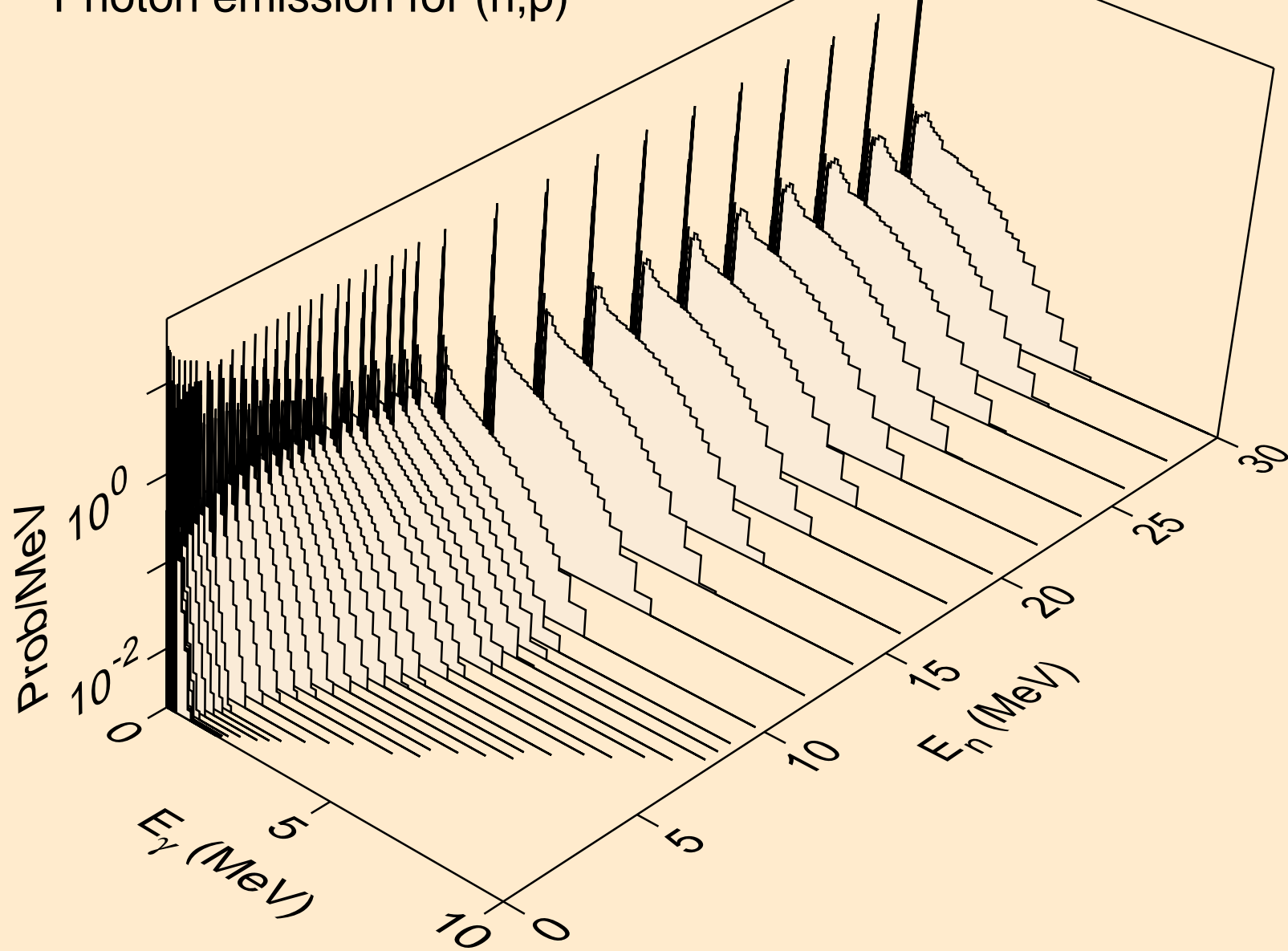




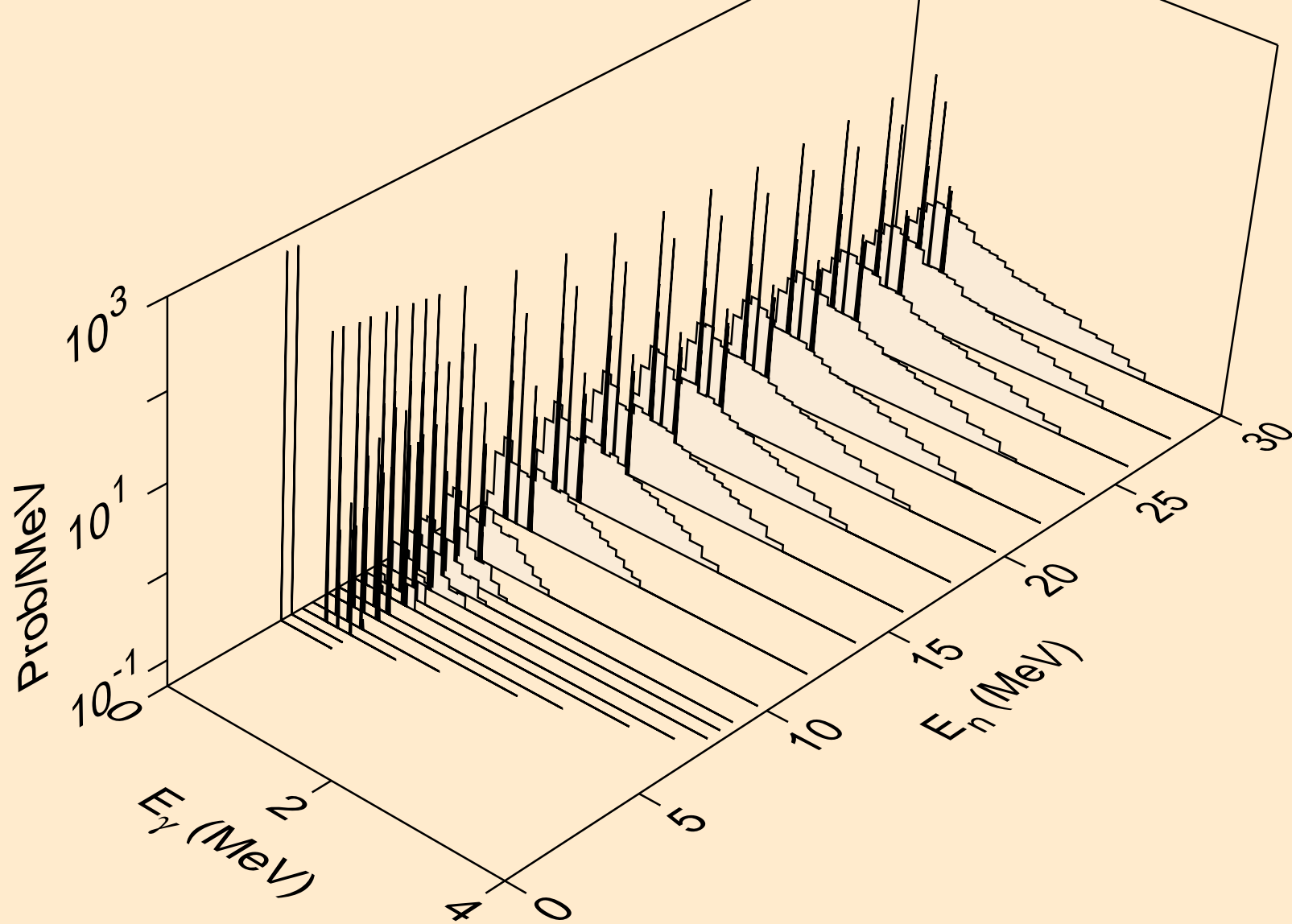
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Photon emission for (n,gma)



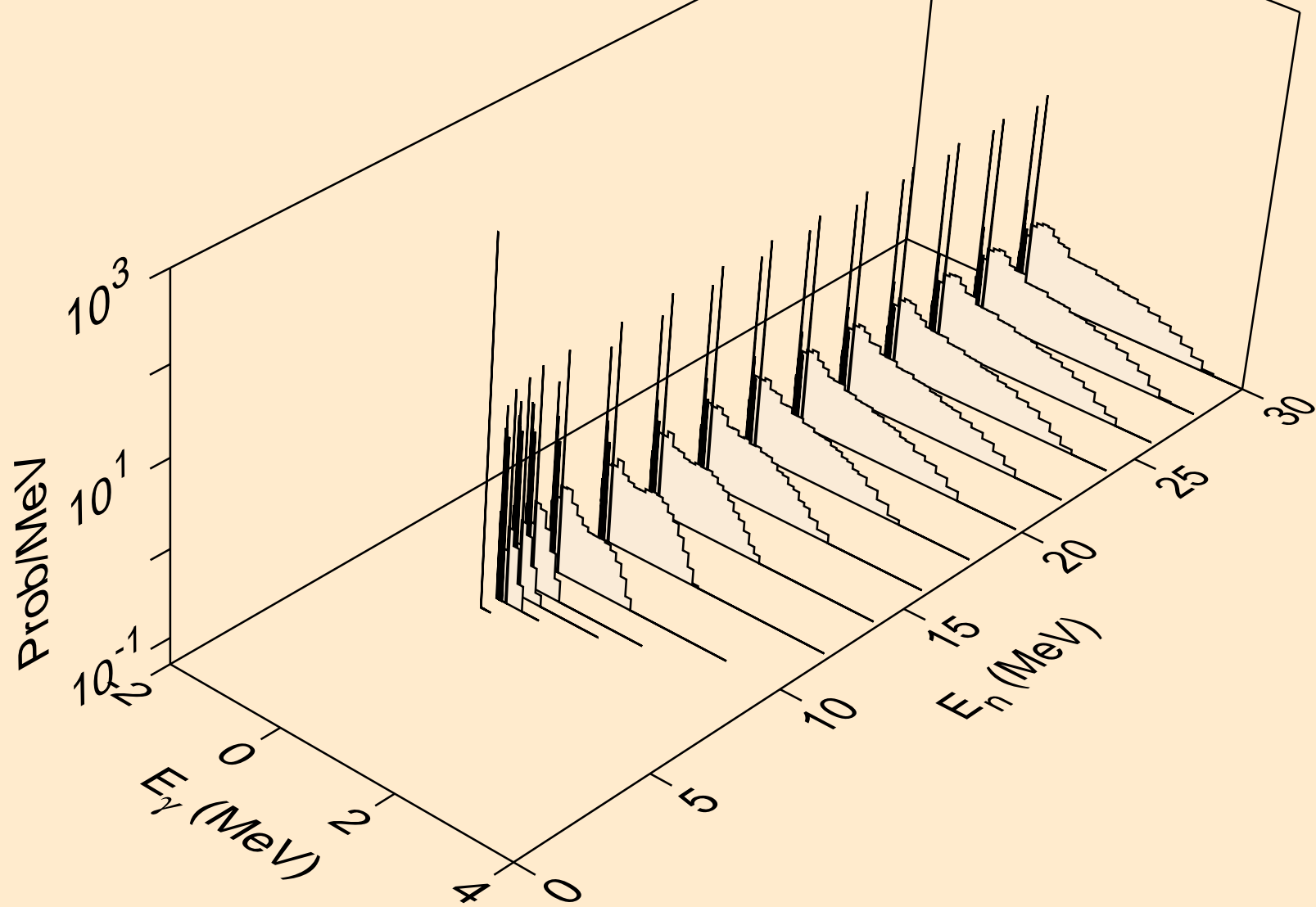
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Photon emission for (n,p)



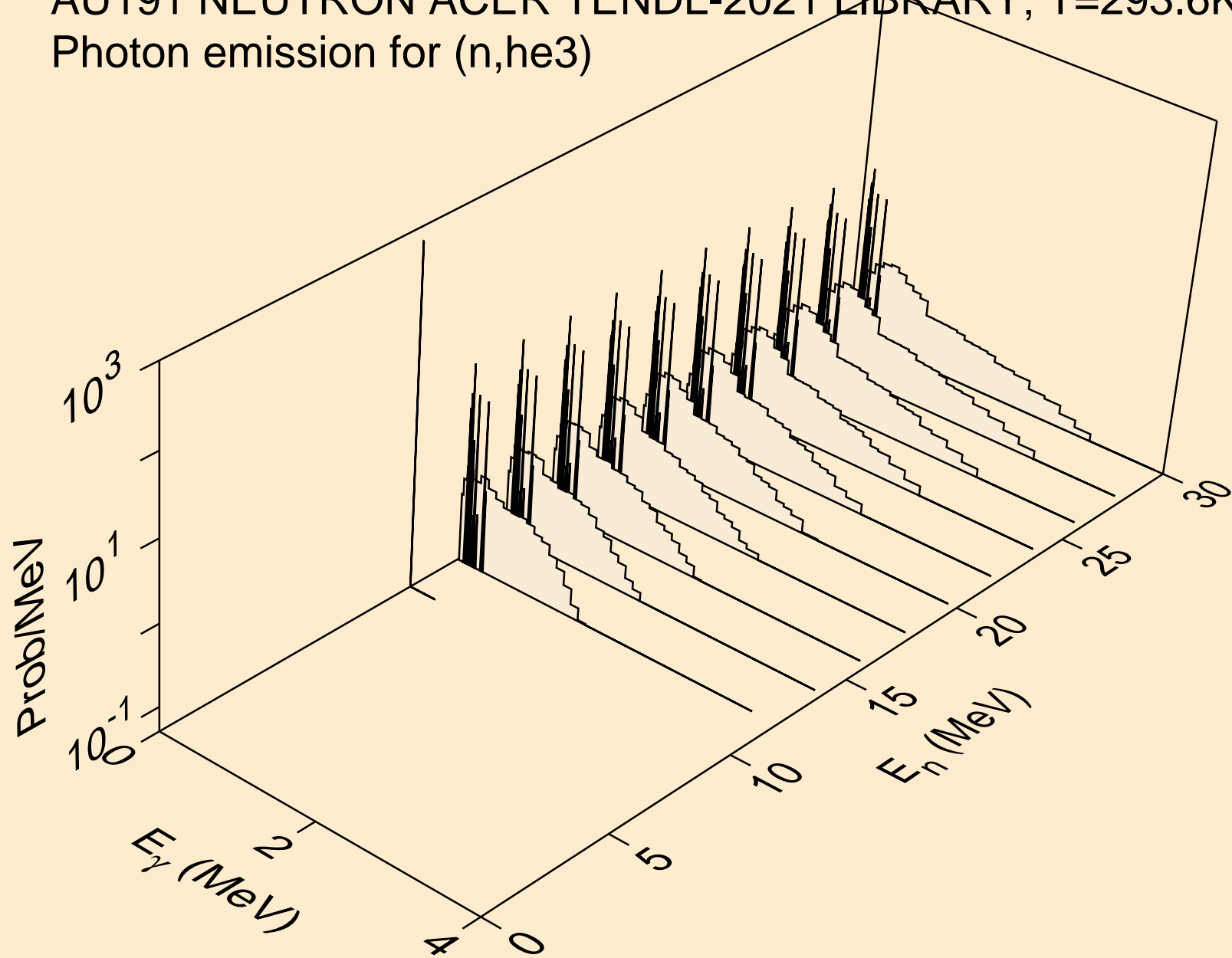
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Photon emission for (n,d)



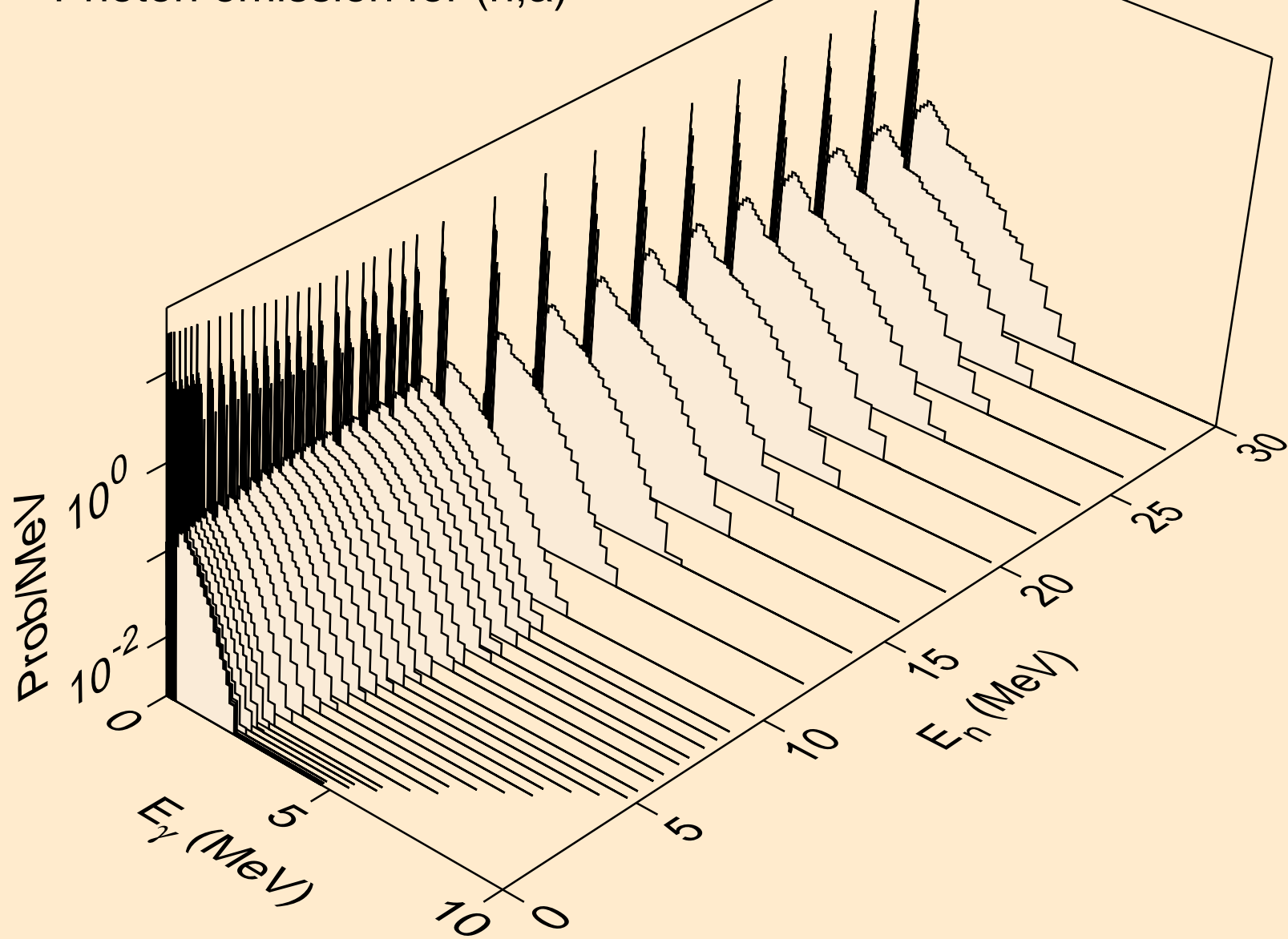
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Photon emission for (n,t)



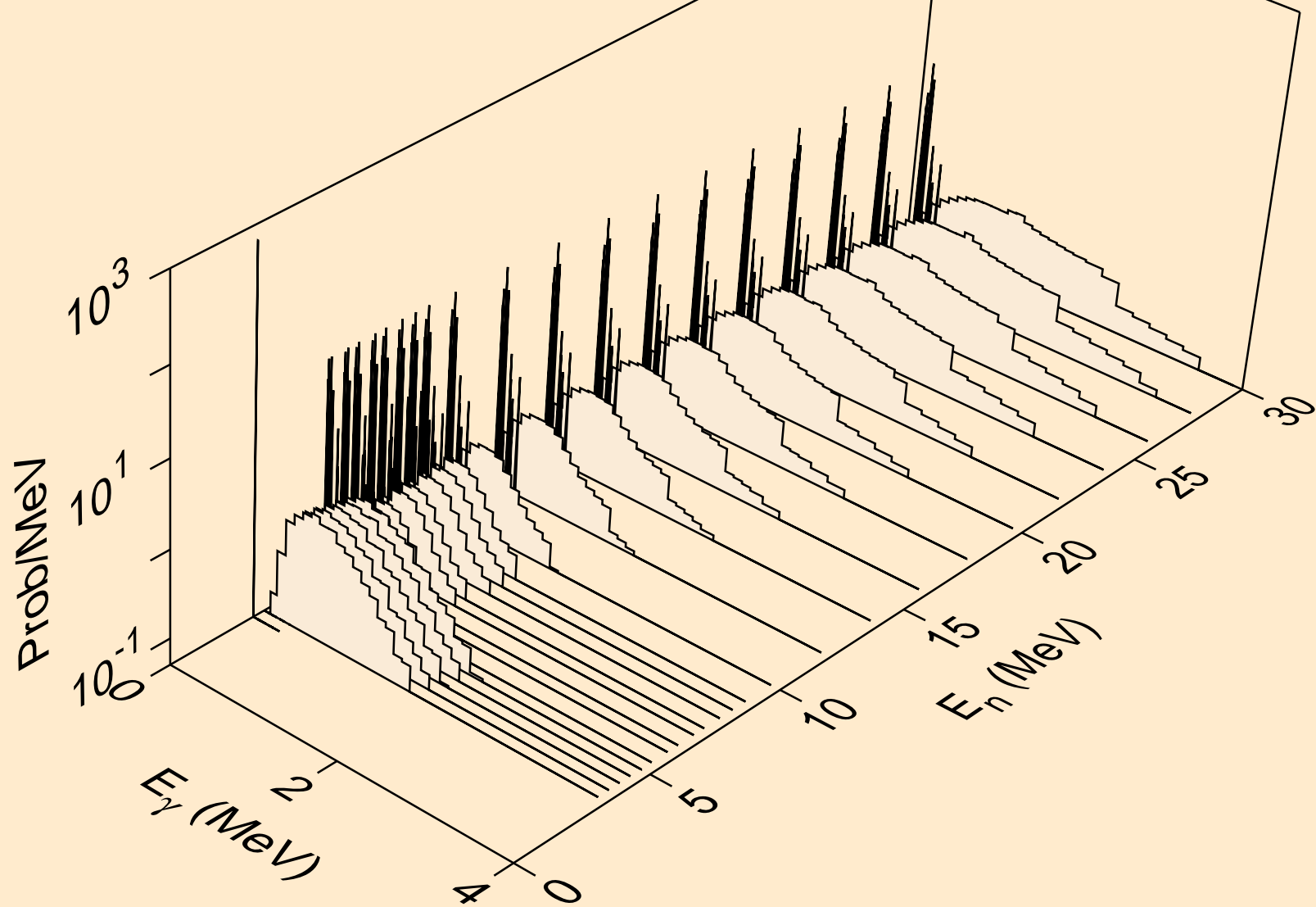
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Photon emission for (n,he3)



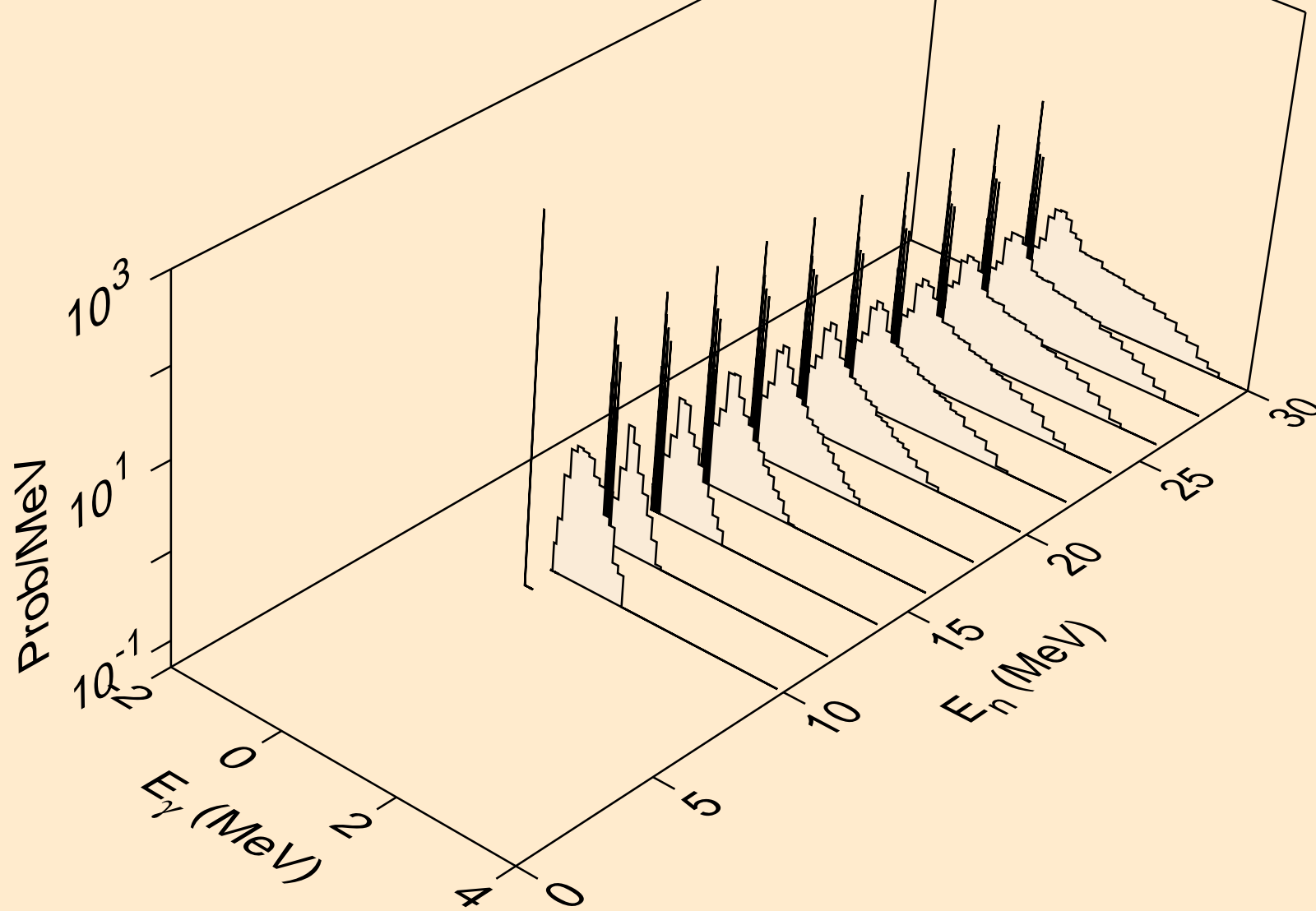
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)

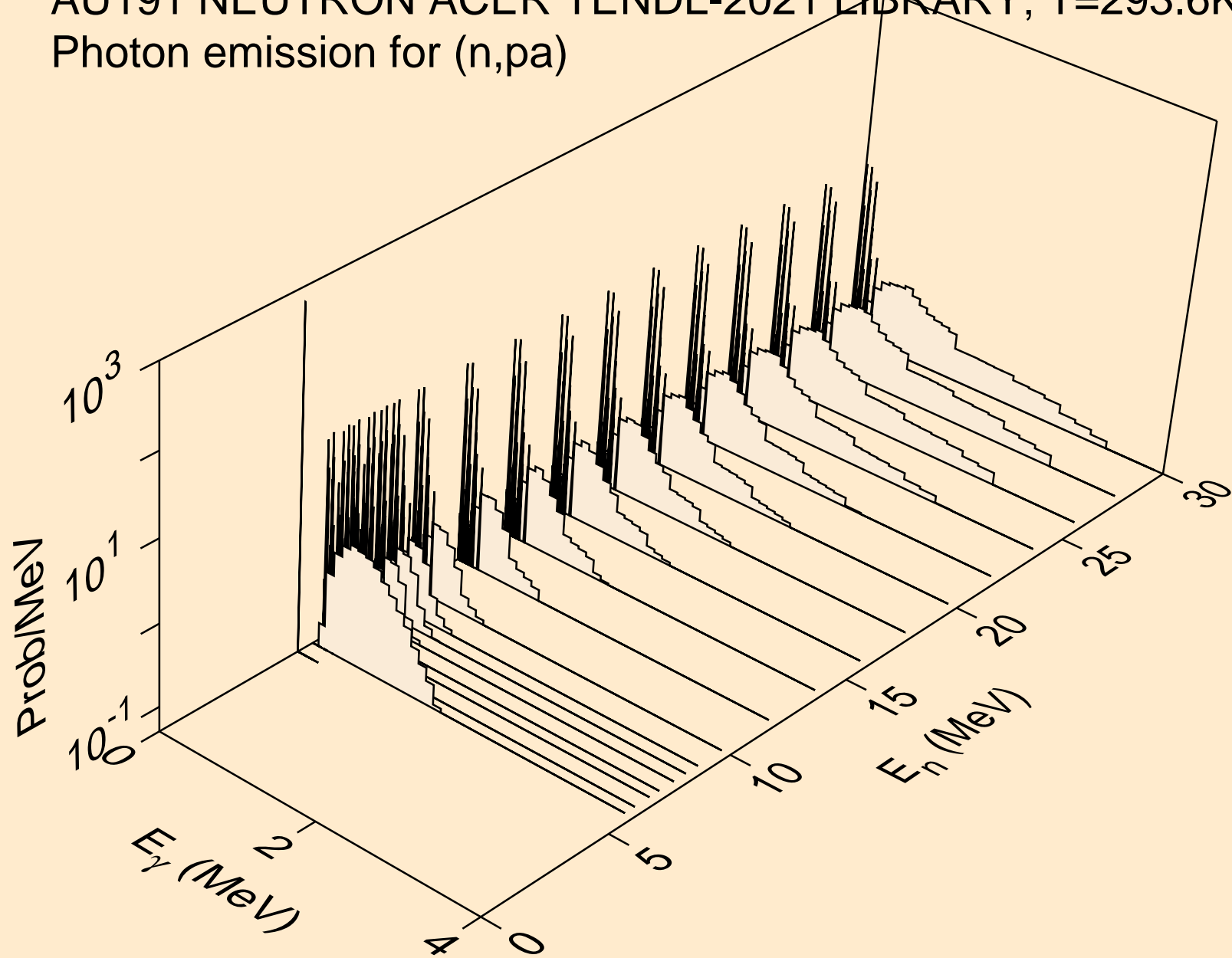


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Photon emission for (n,2p)

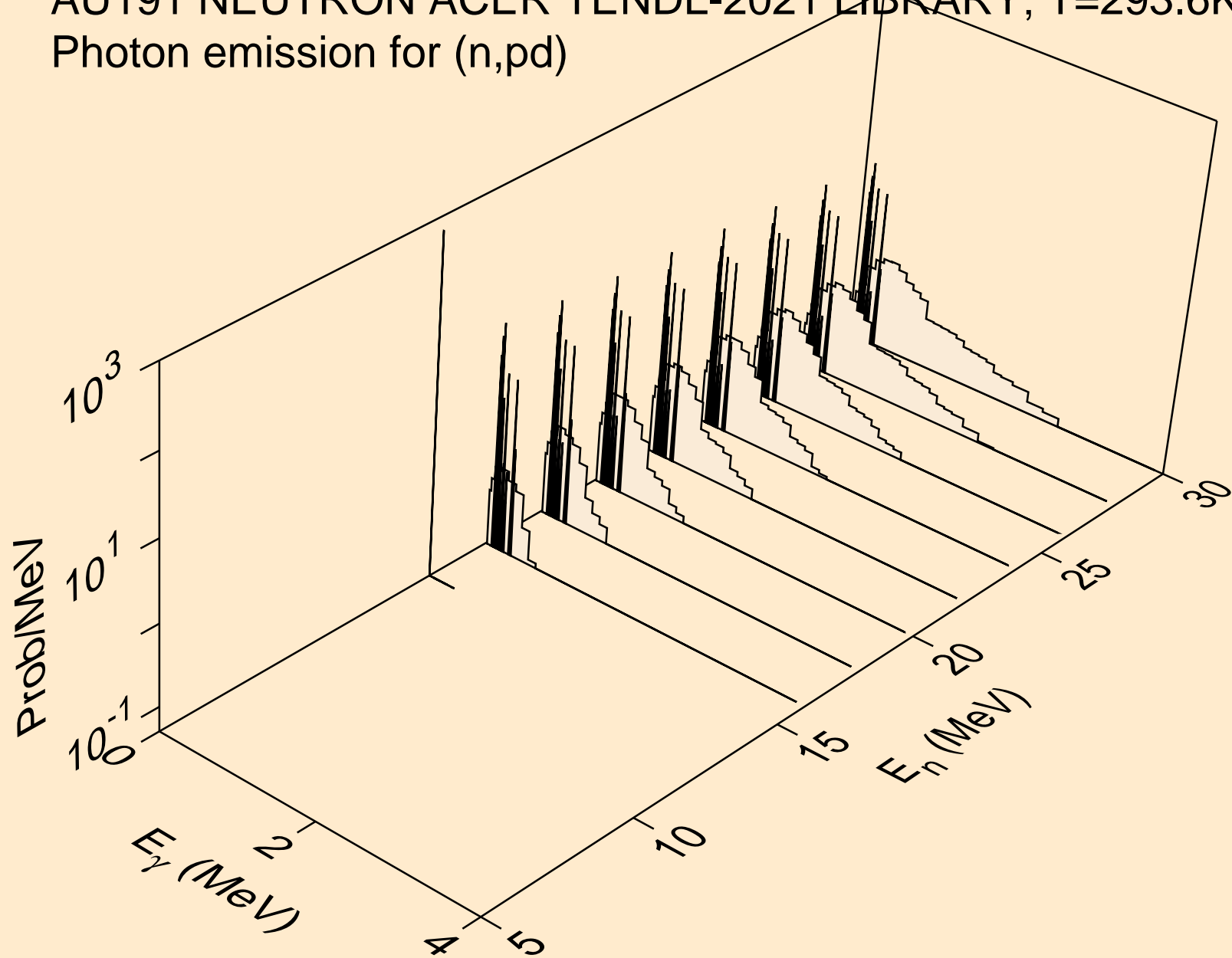




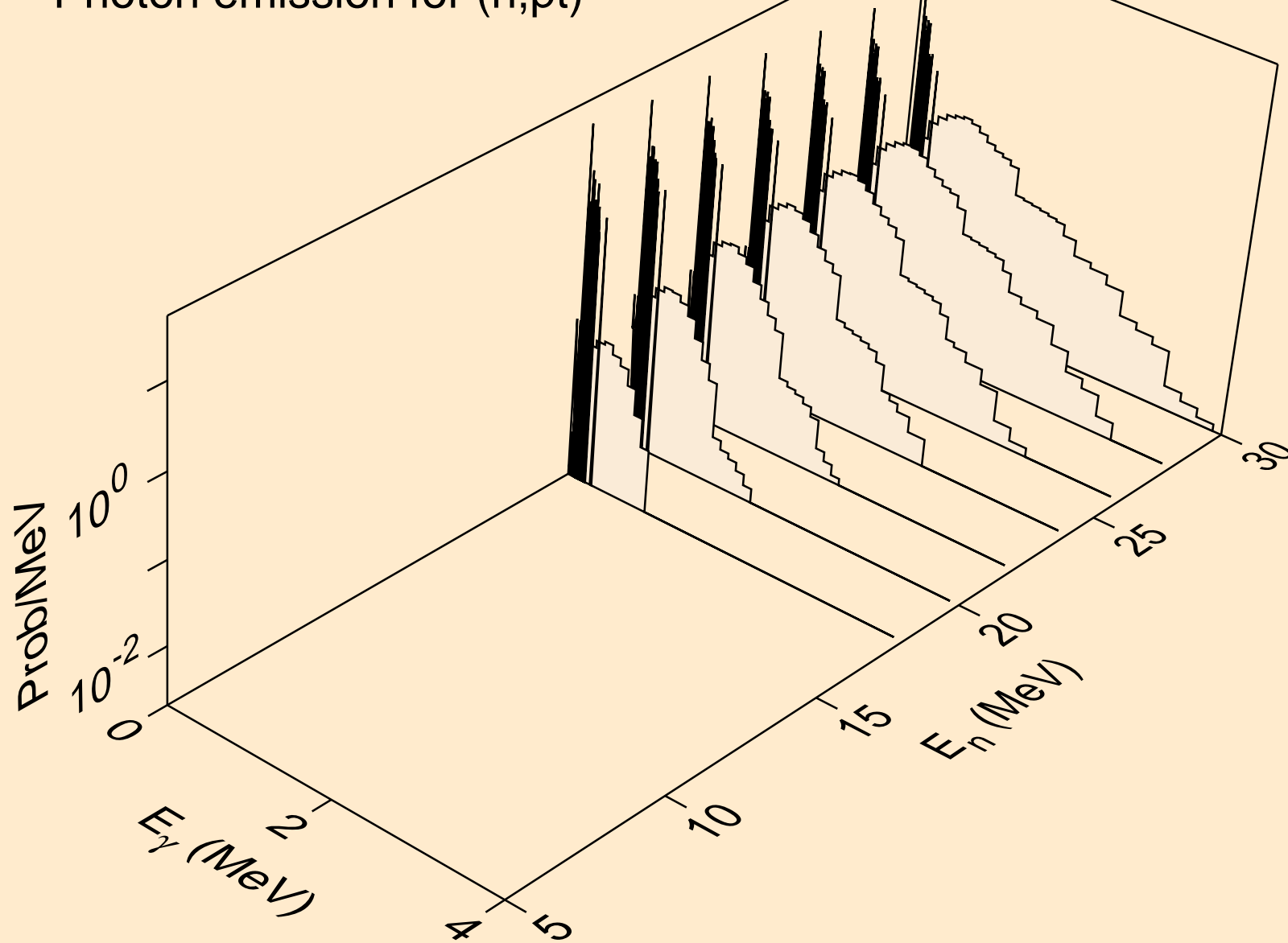
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Photon emission for (n,p $\alpha$ )



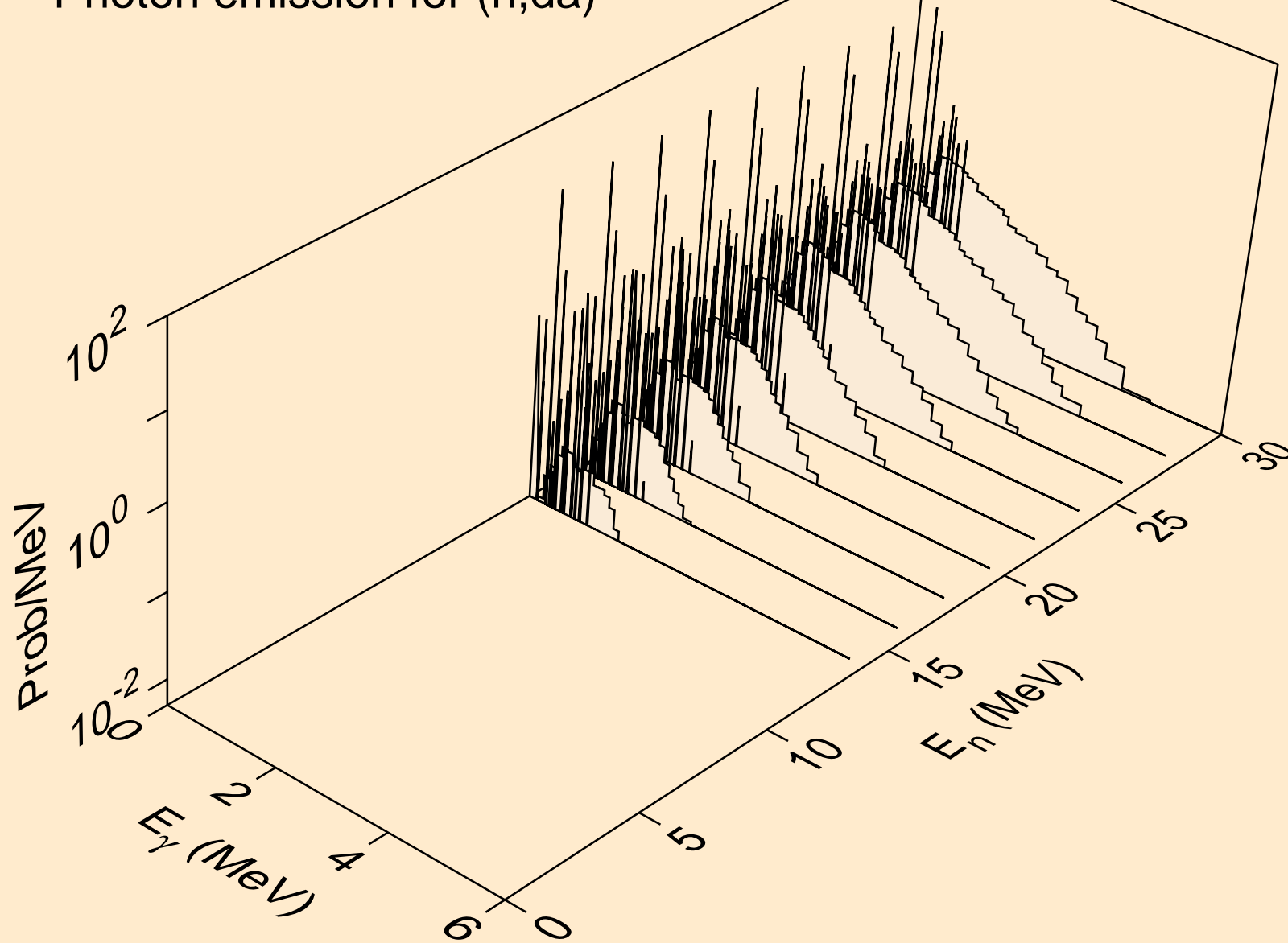
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Photon emission for (n,pd)



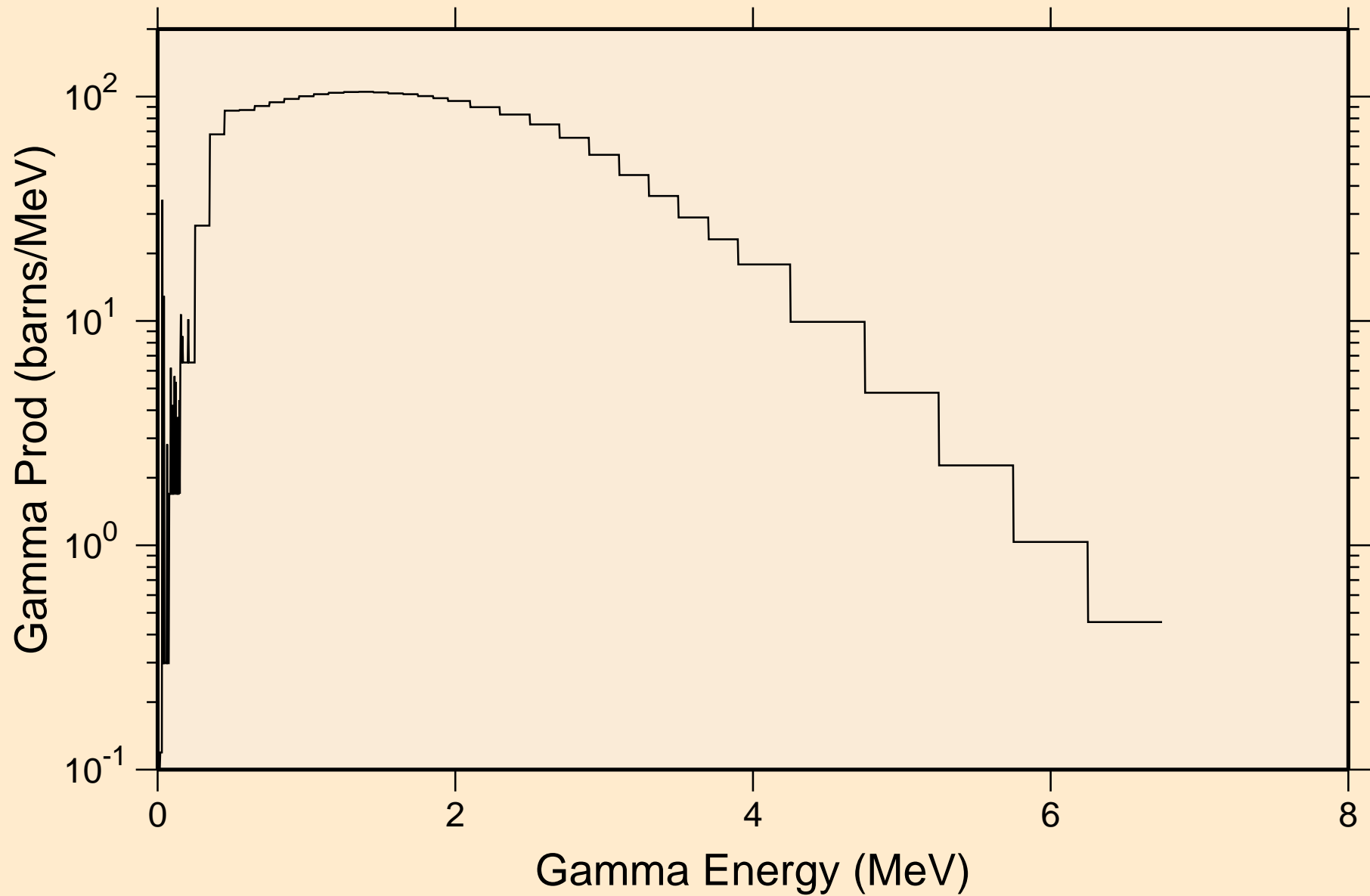
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Photon emission for (n,pt)



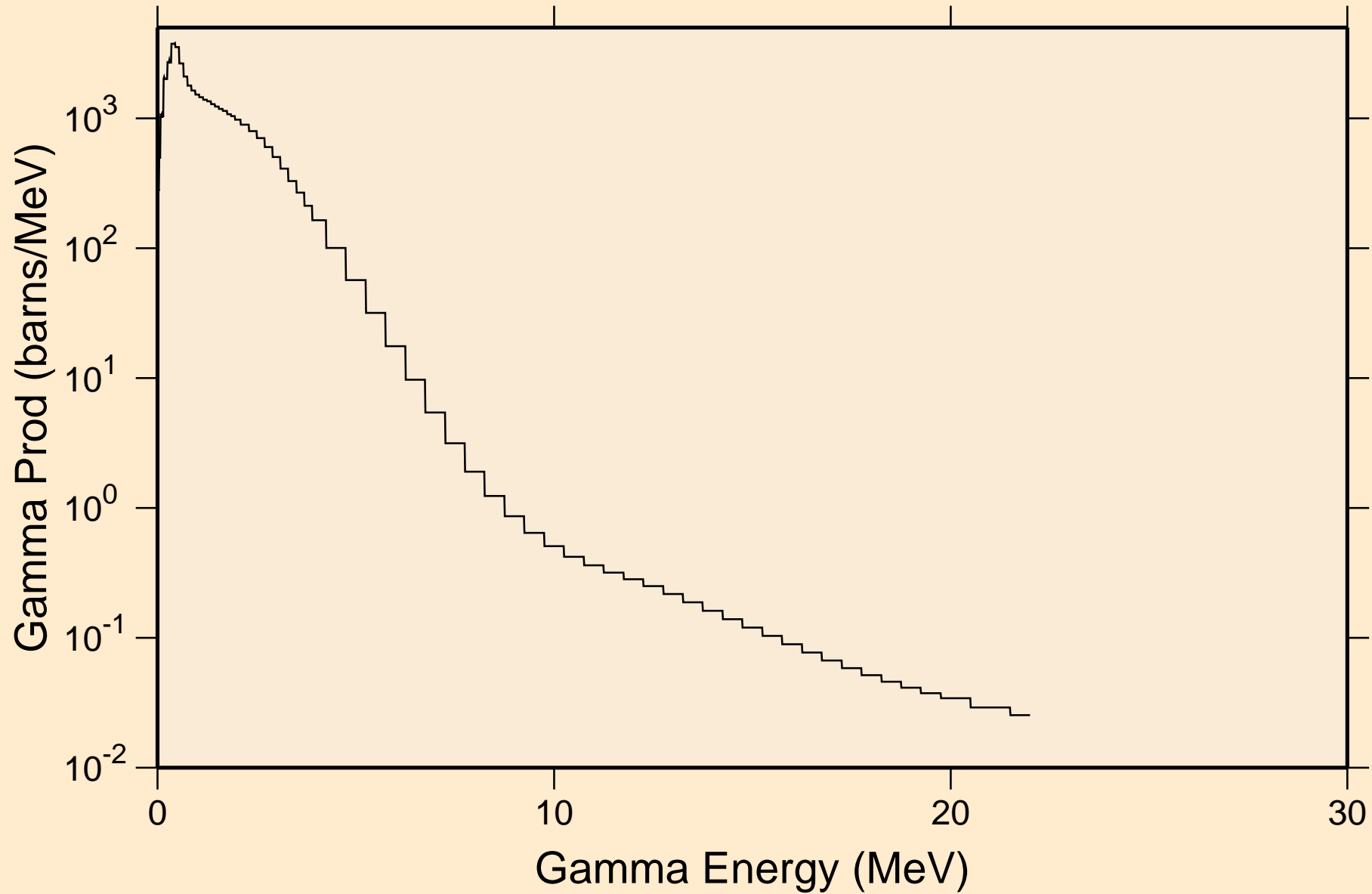
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Photon emission for (n,da)



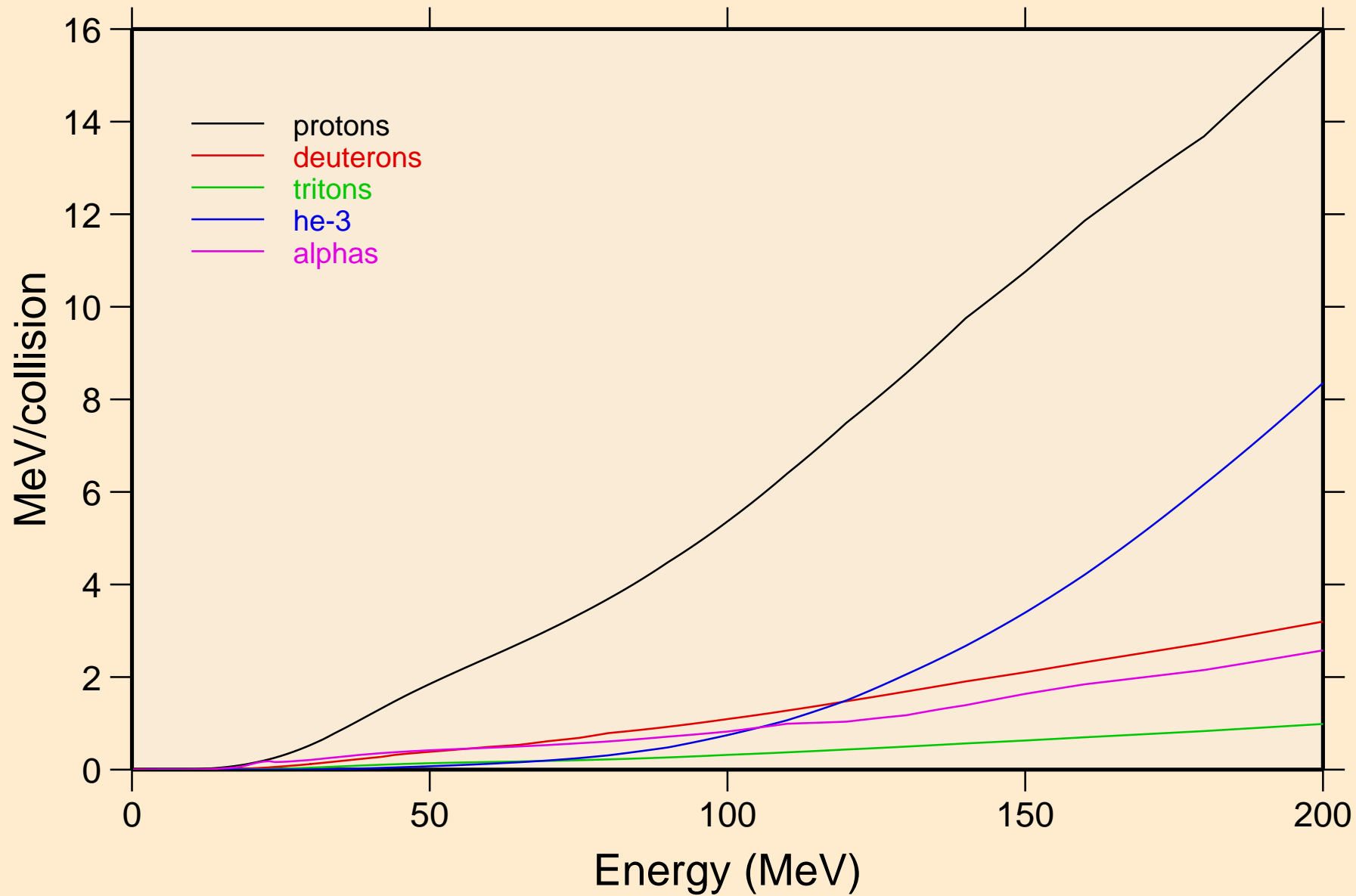
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



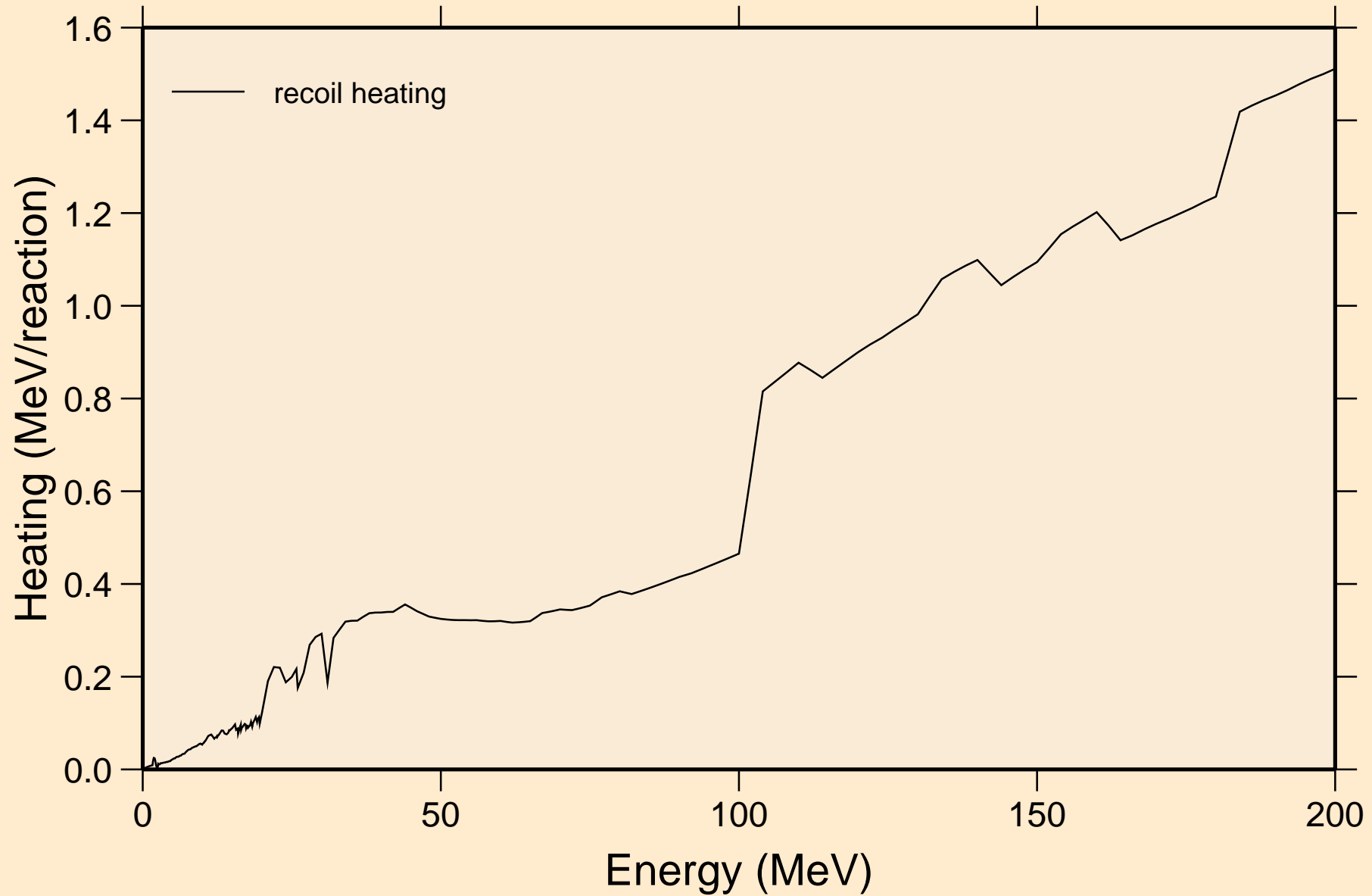
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



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Particle heating contributions

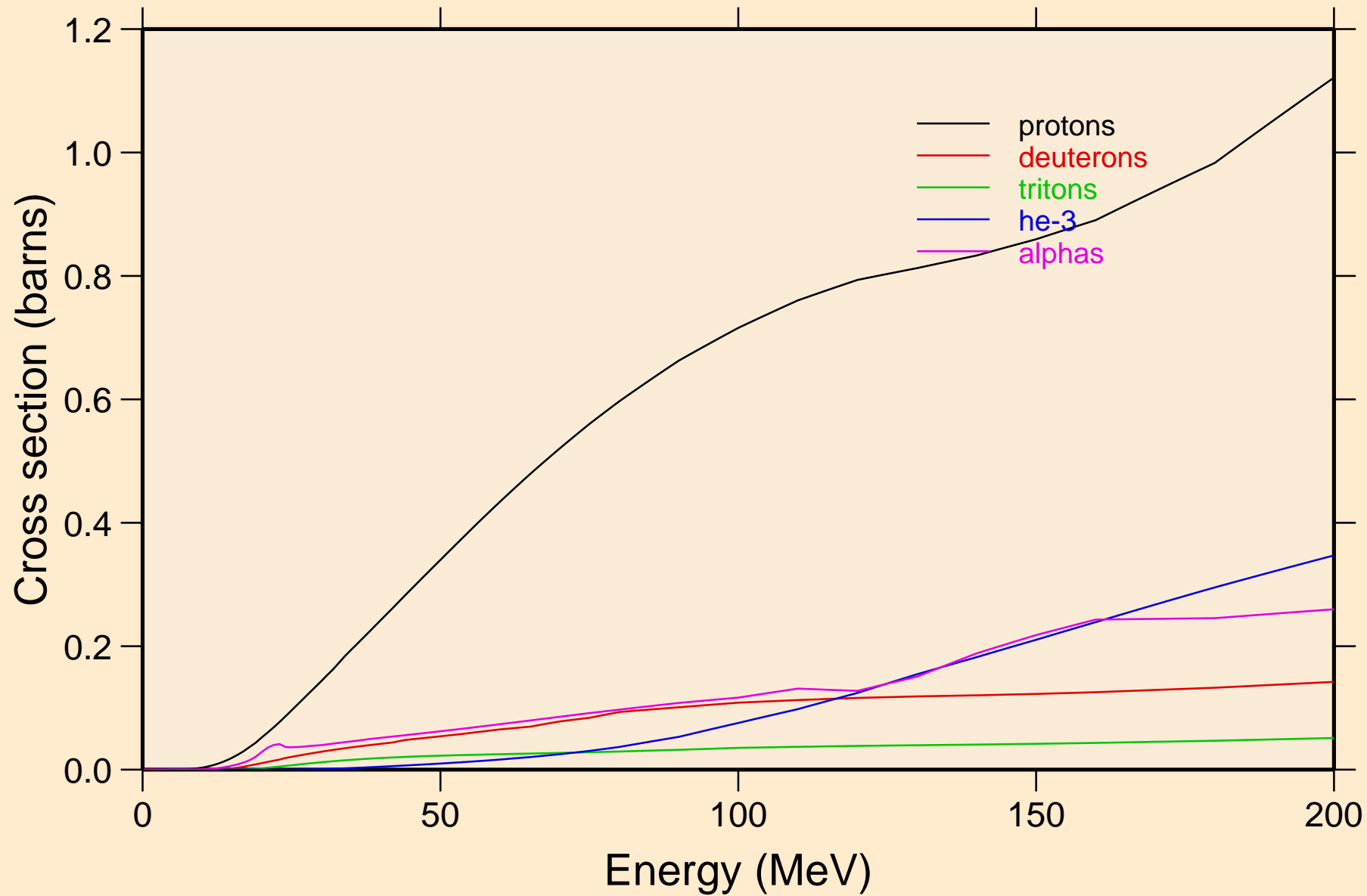


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Recoil Heating

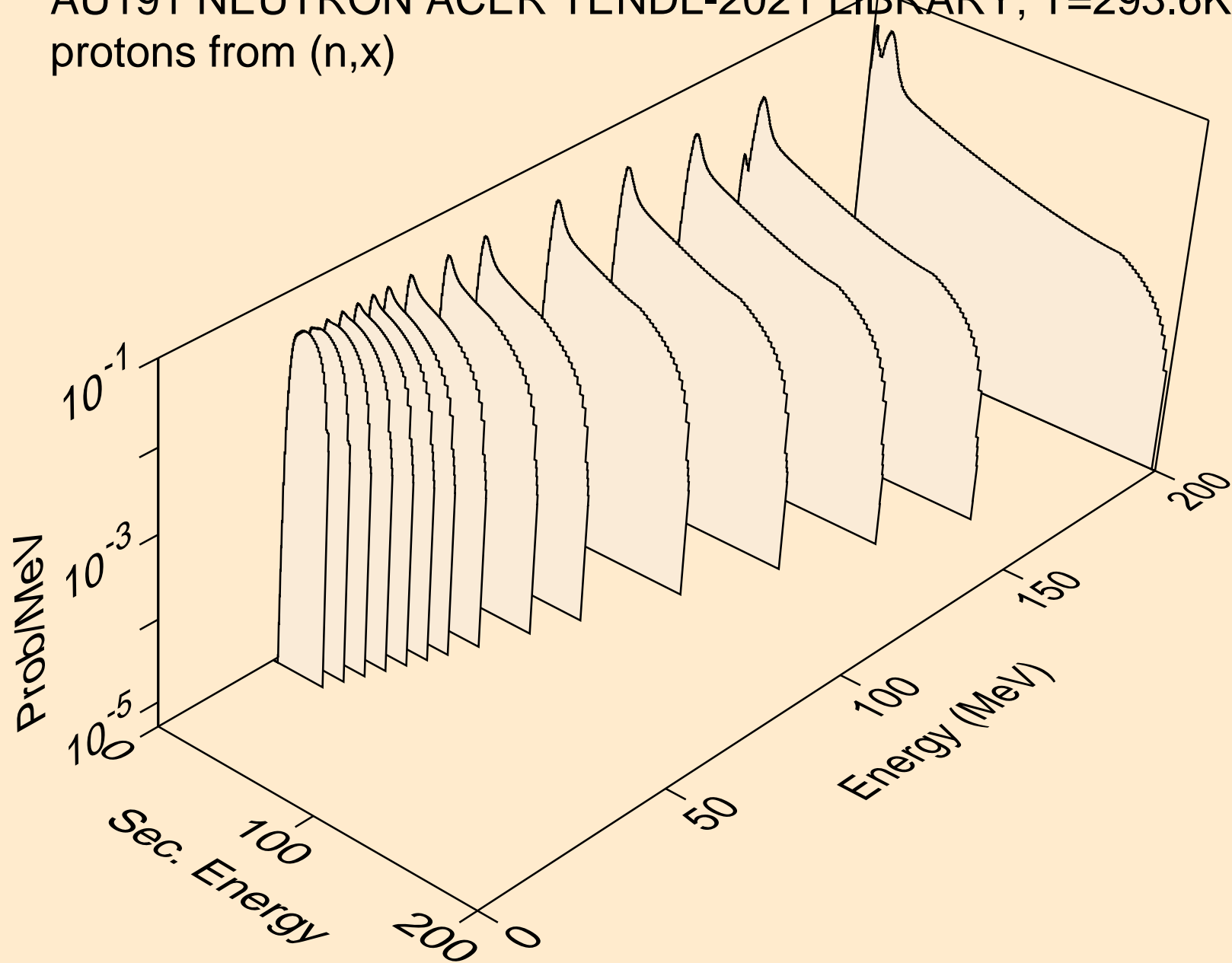




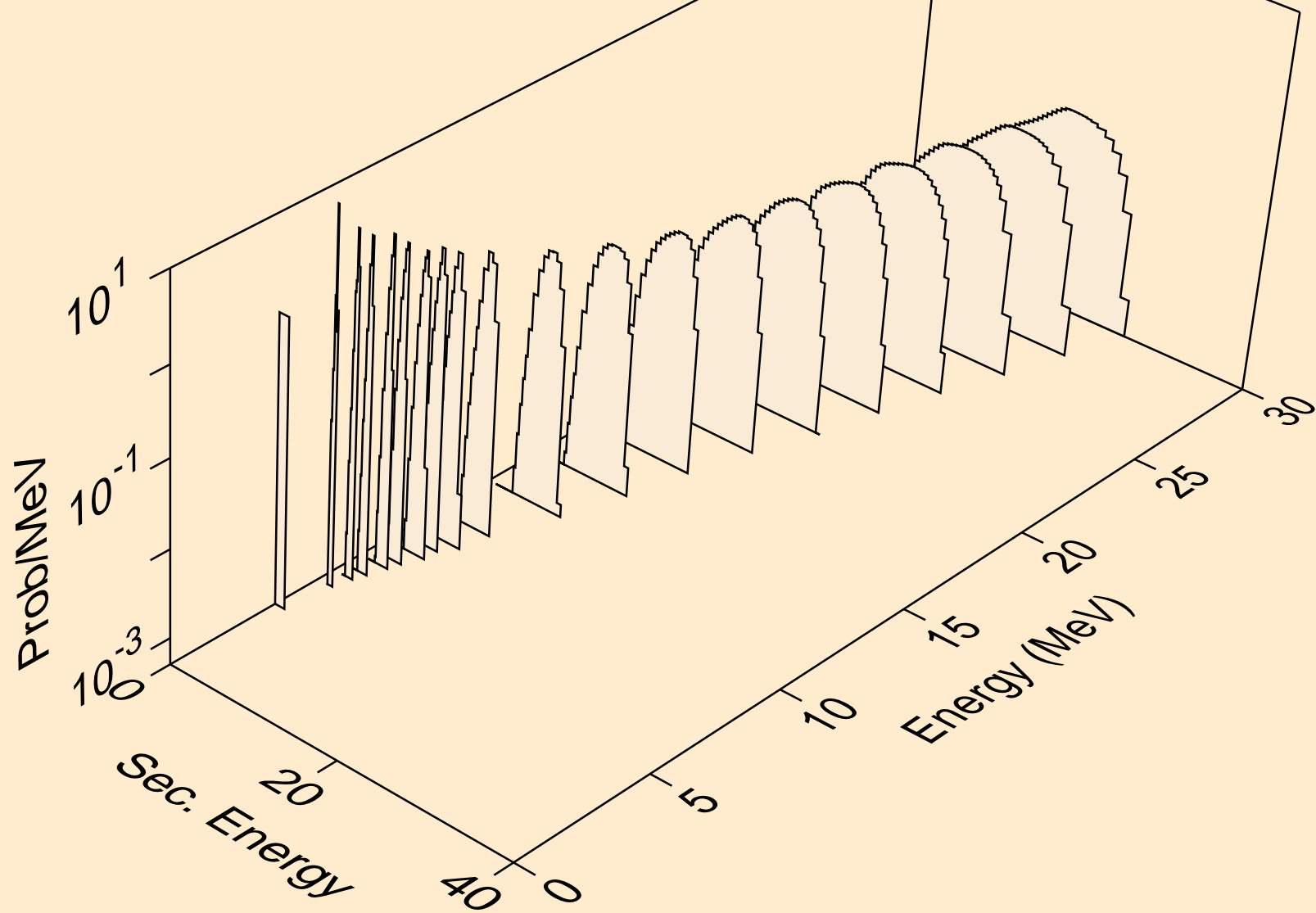
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Particle production cross sections



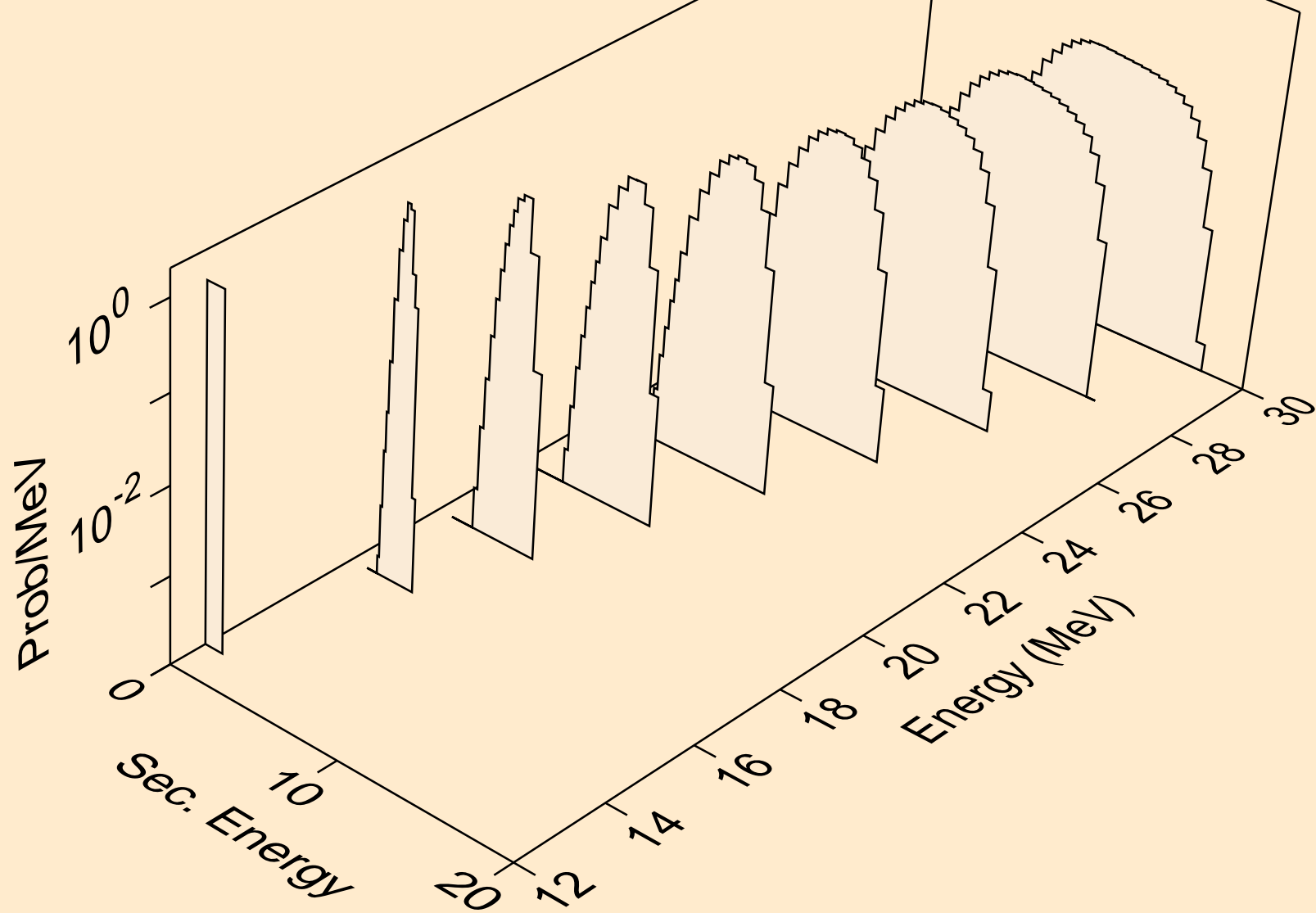
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



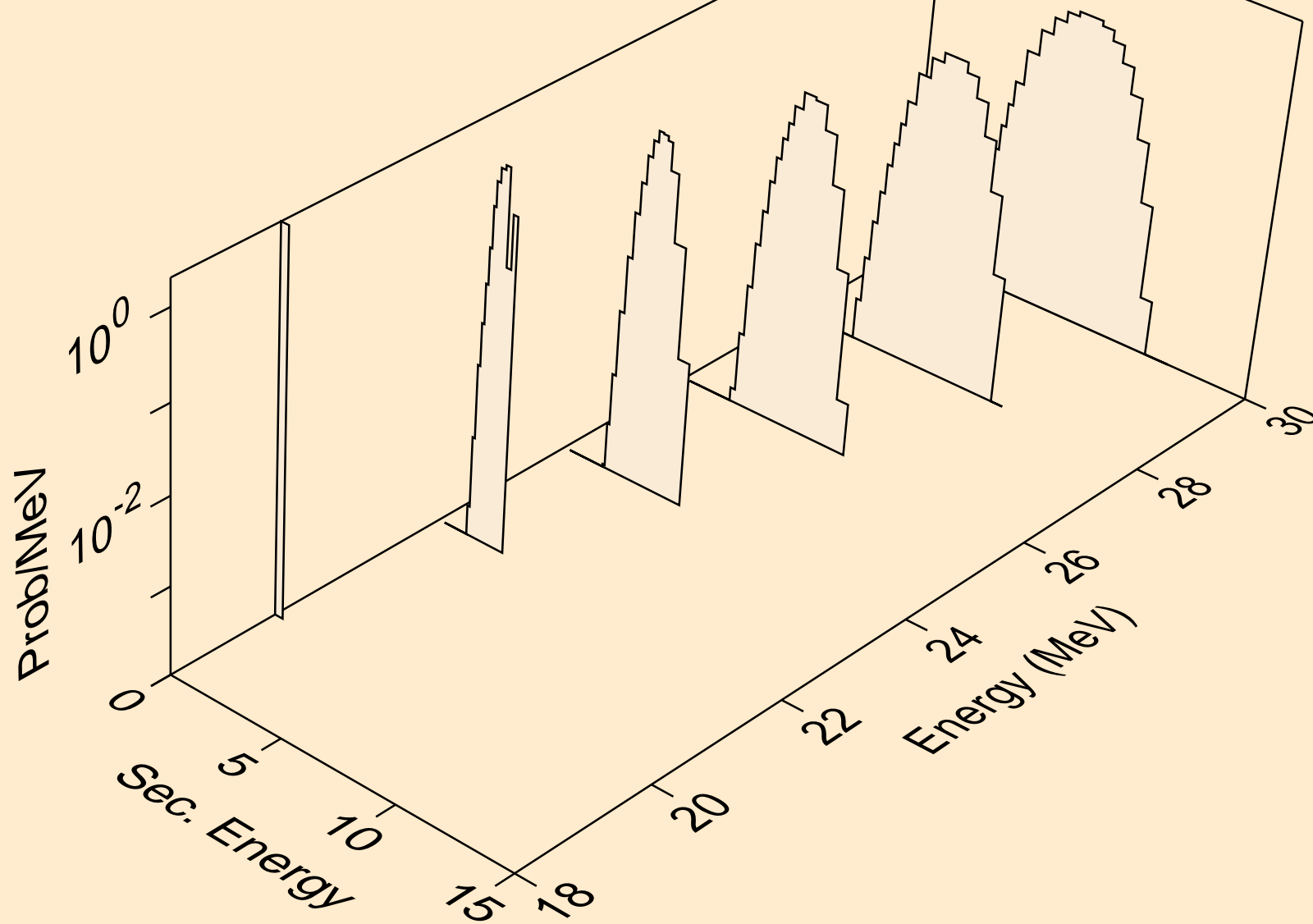
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protons from (n,n\*)p



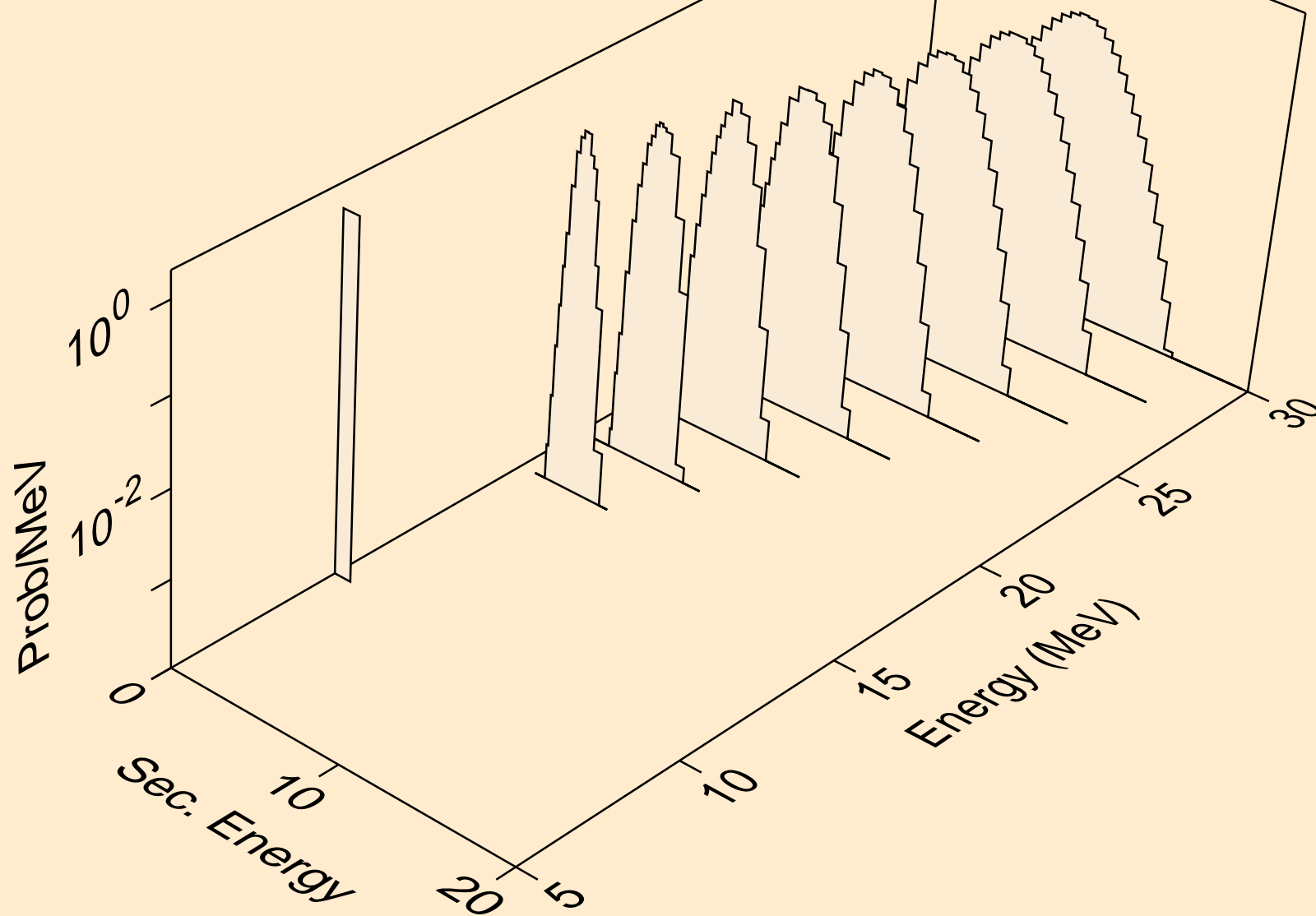
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protons from (n,2np)



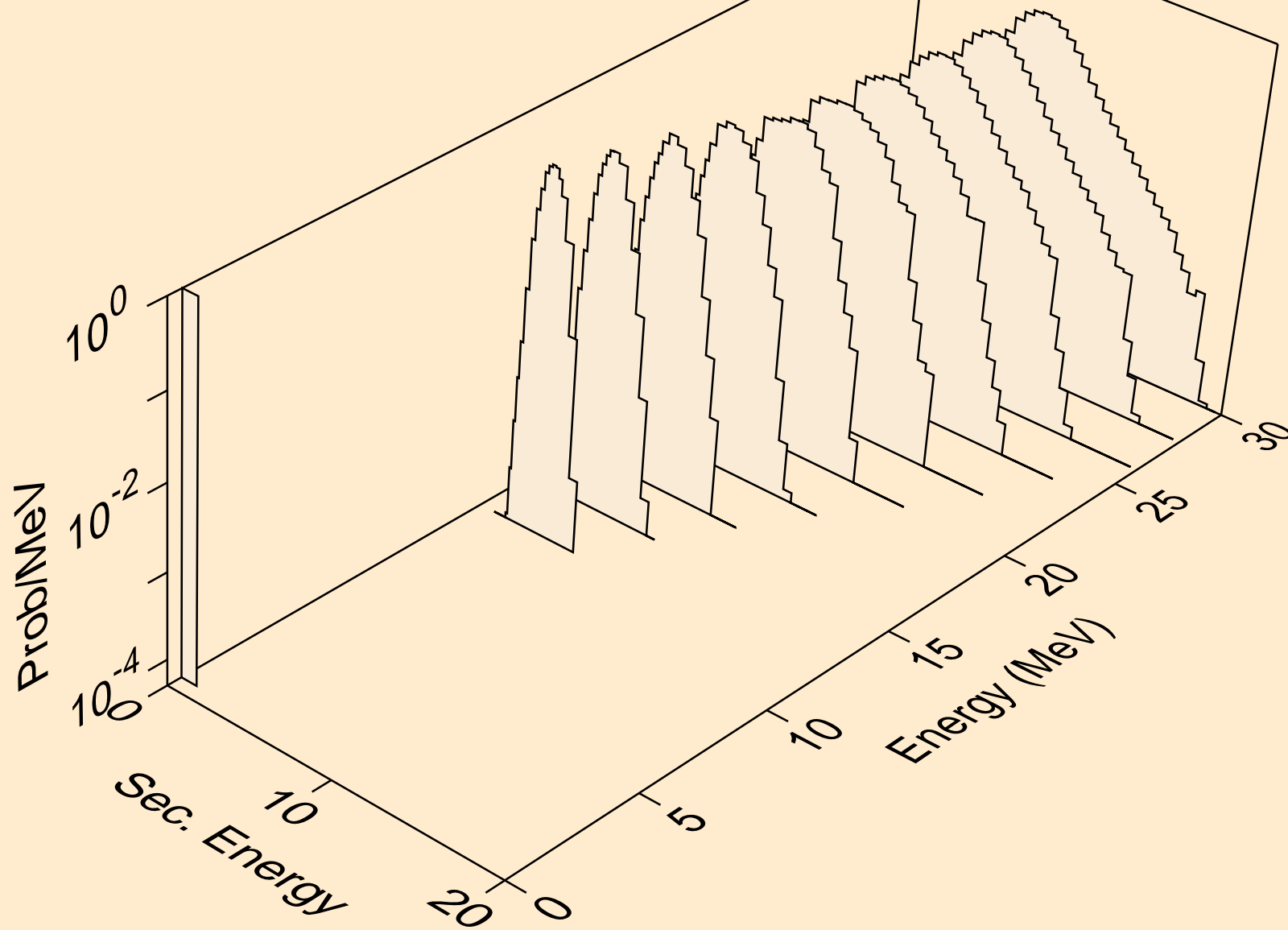
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protons from (n,3np)



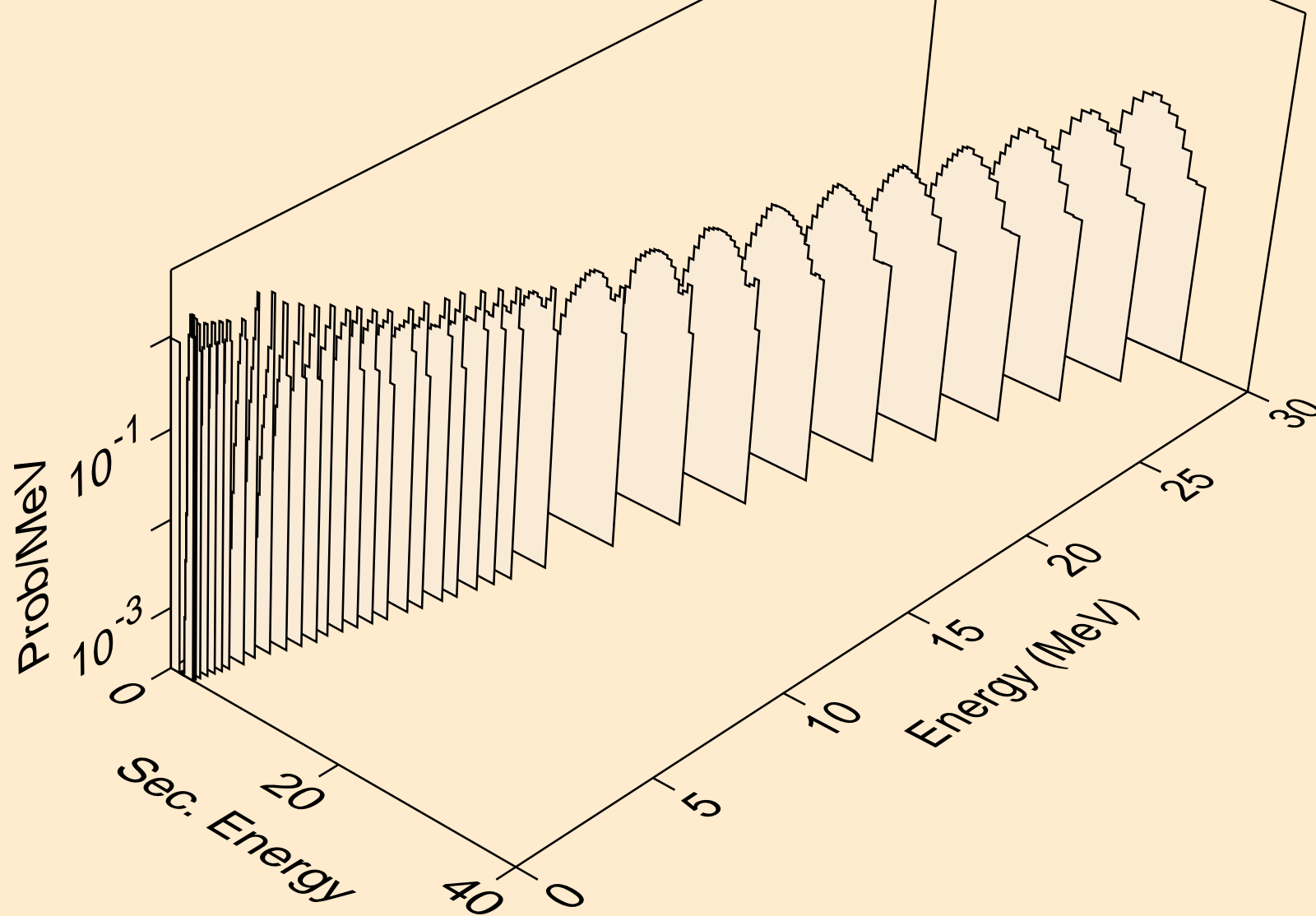
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protons from (n,2np)



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)

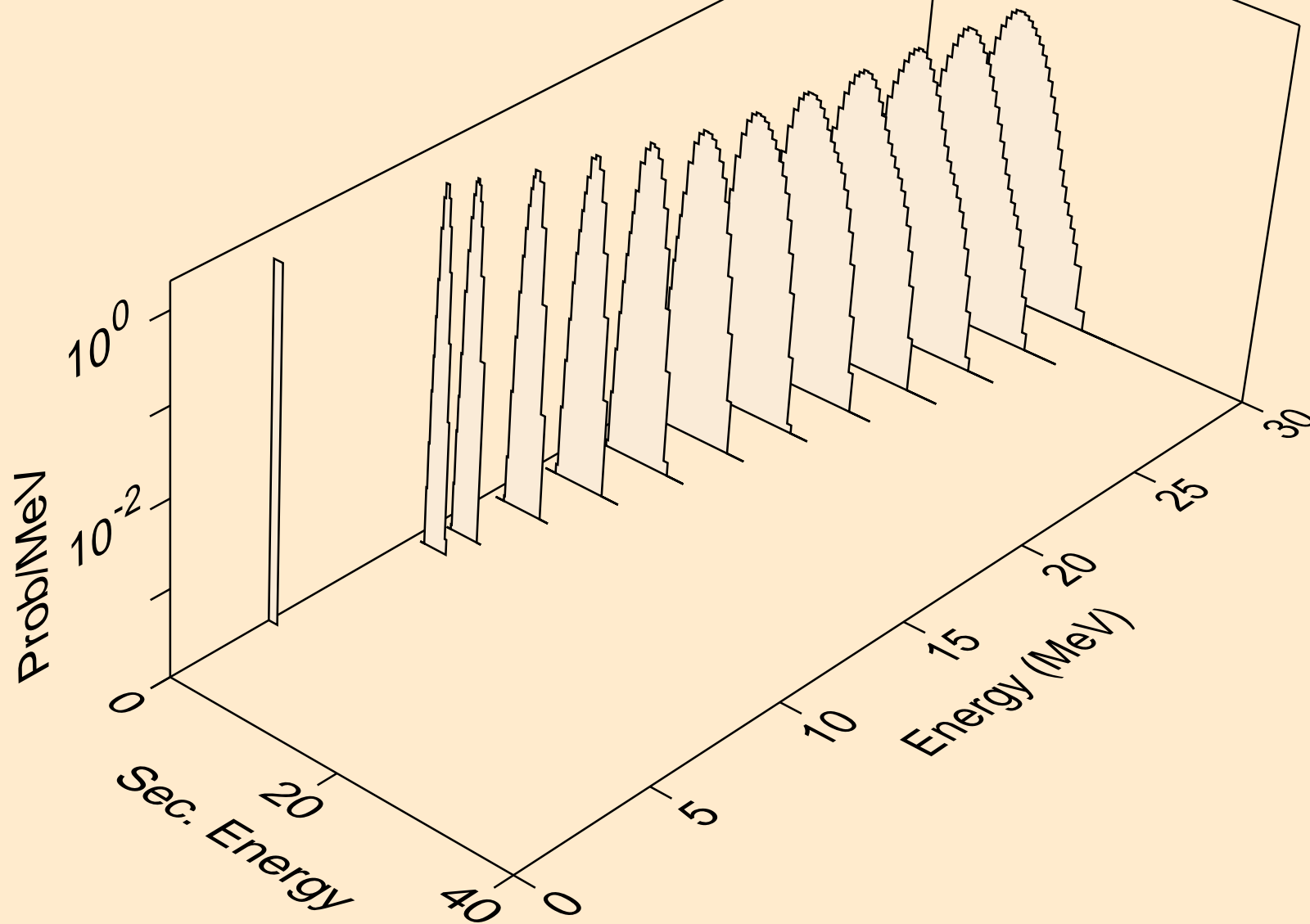


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protons from (n,p)

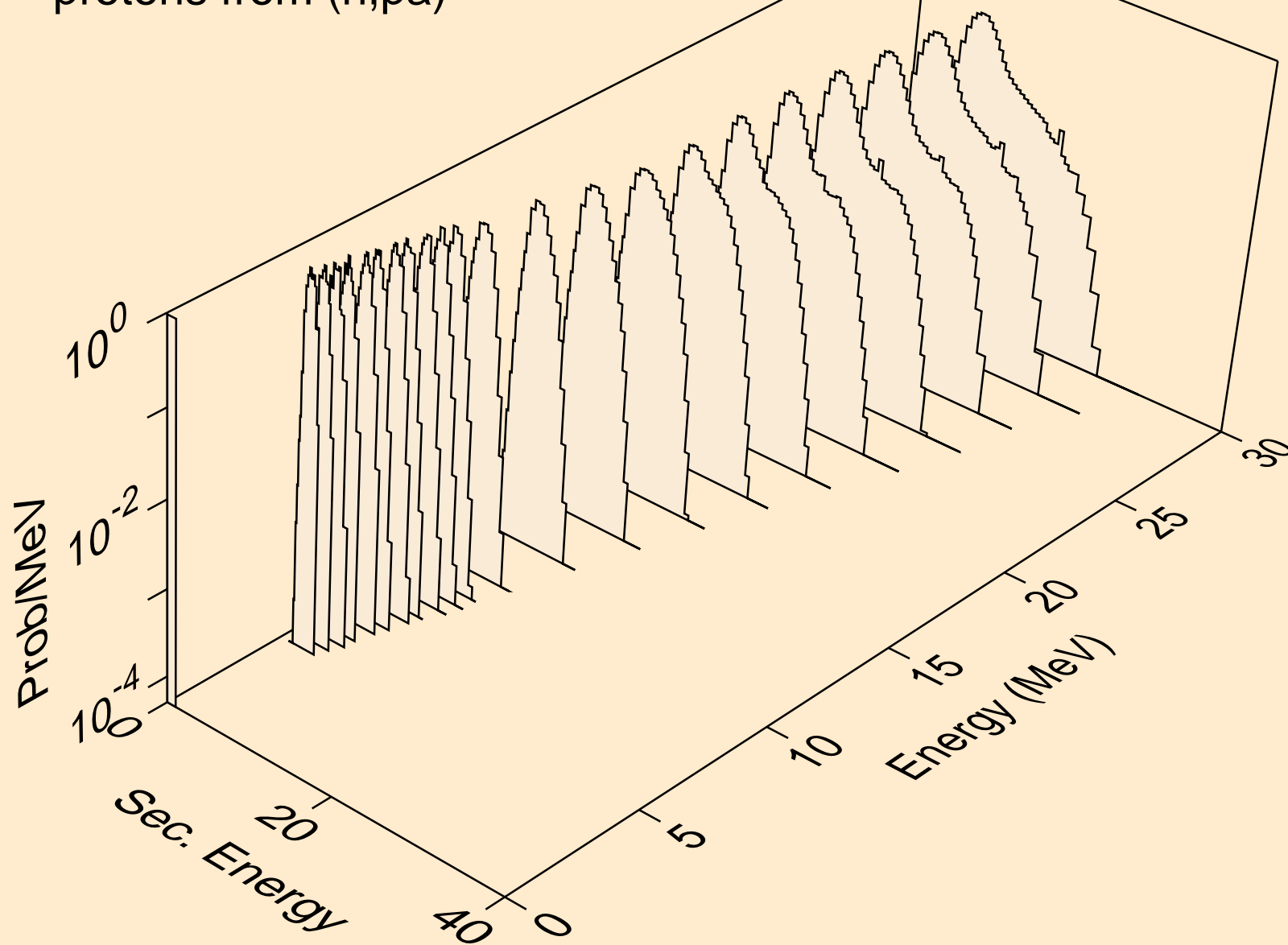




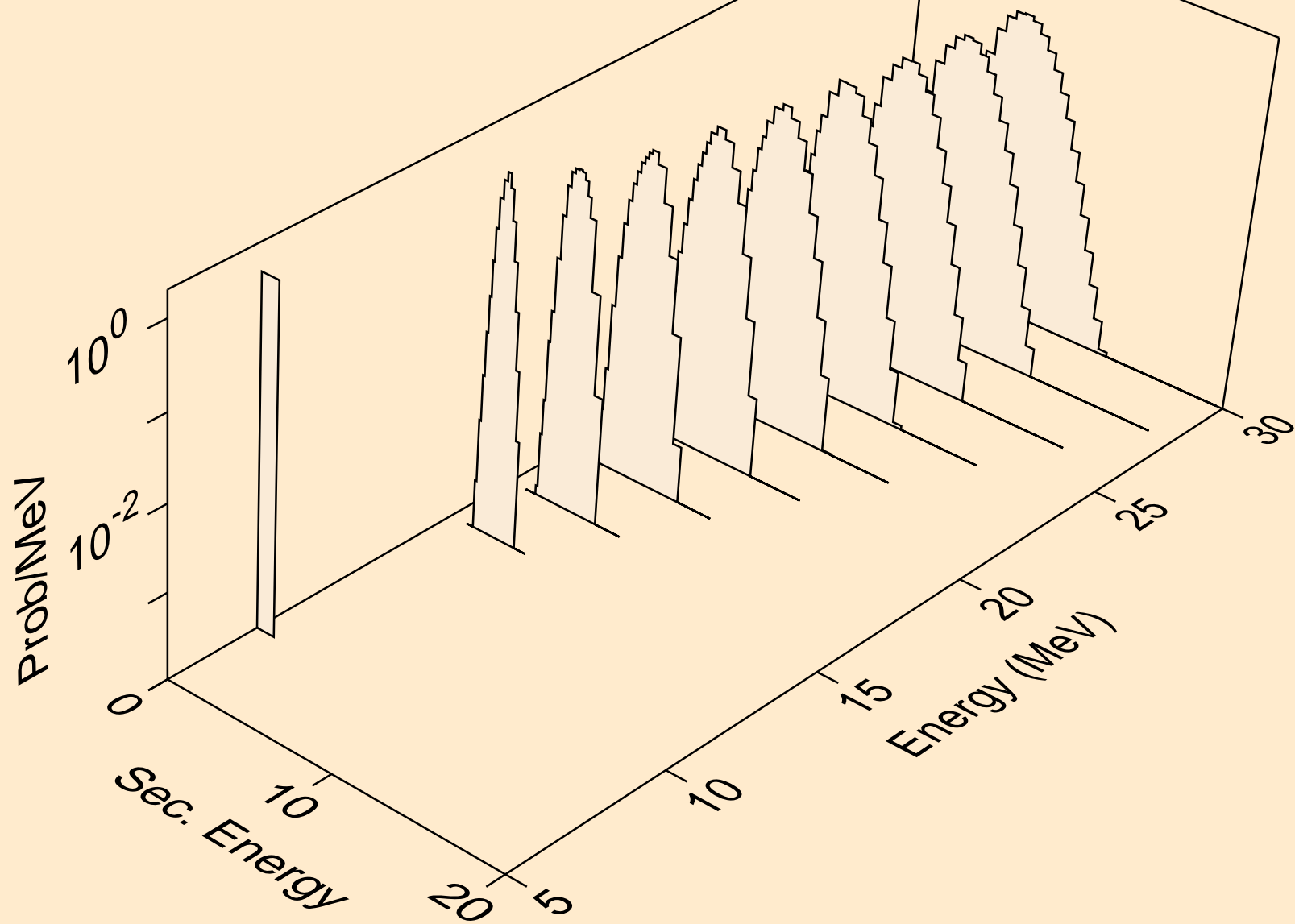
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protons from (n,2p)



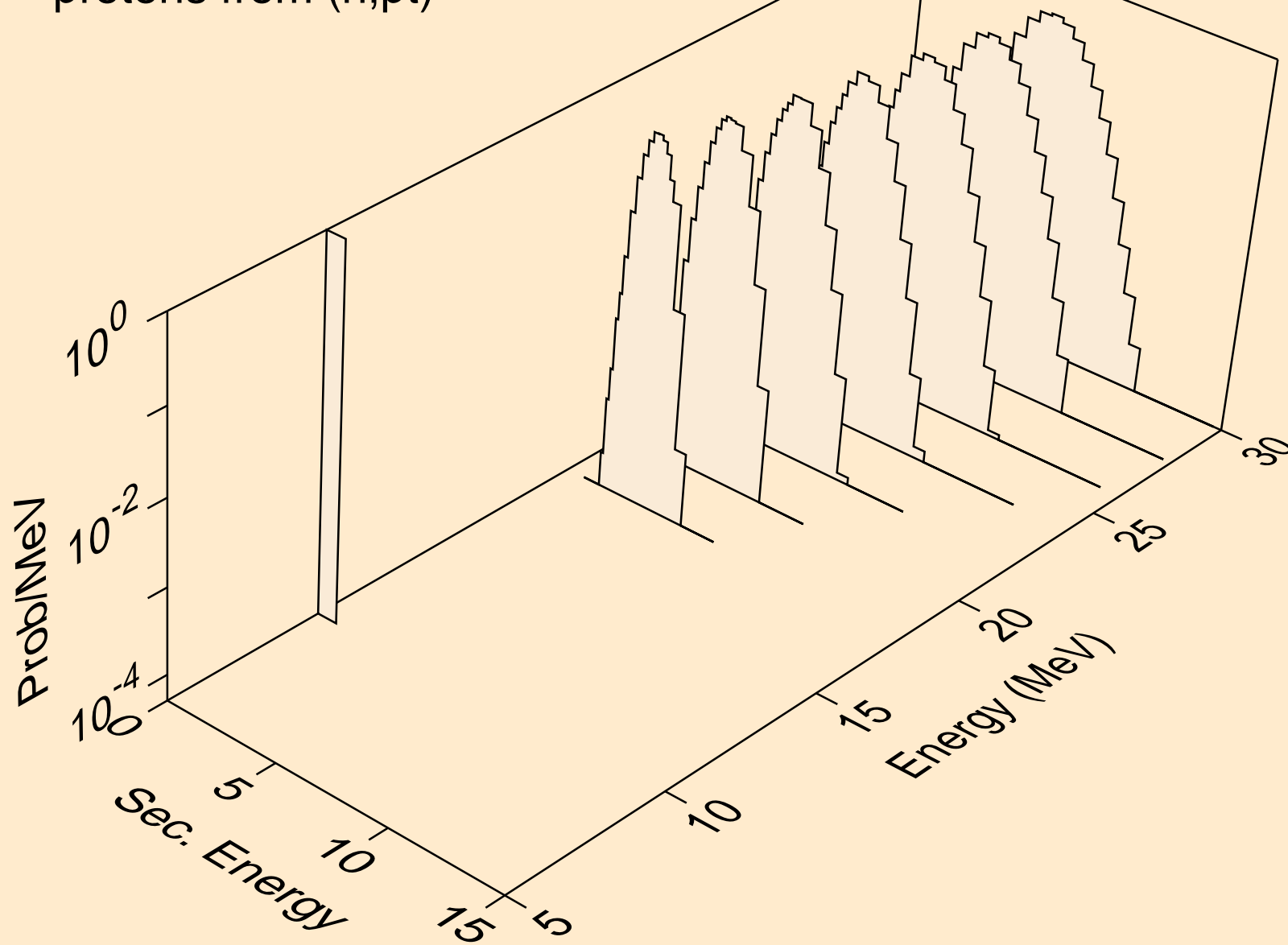
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protons from (n,p)



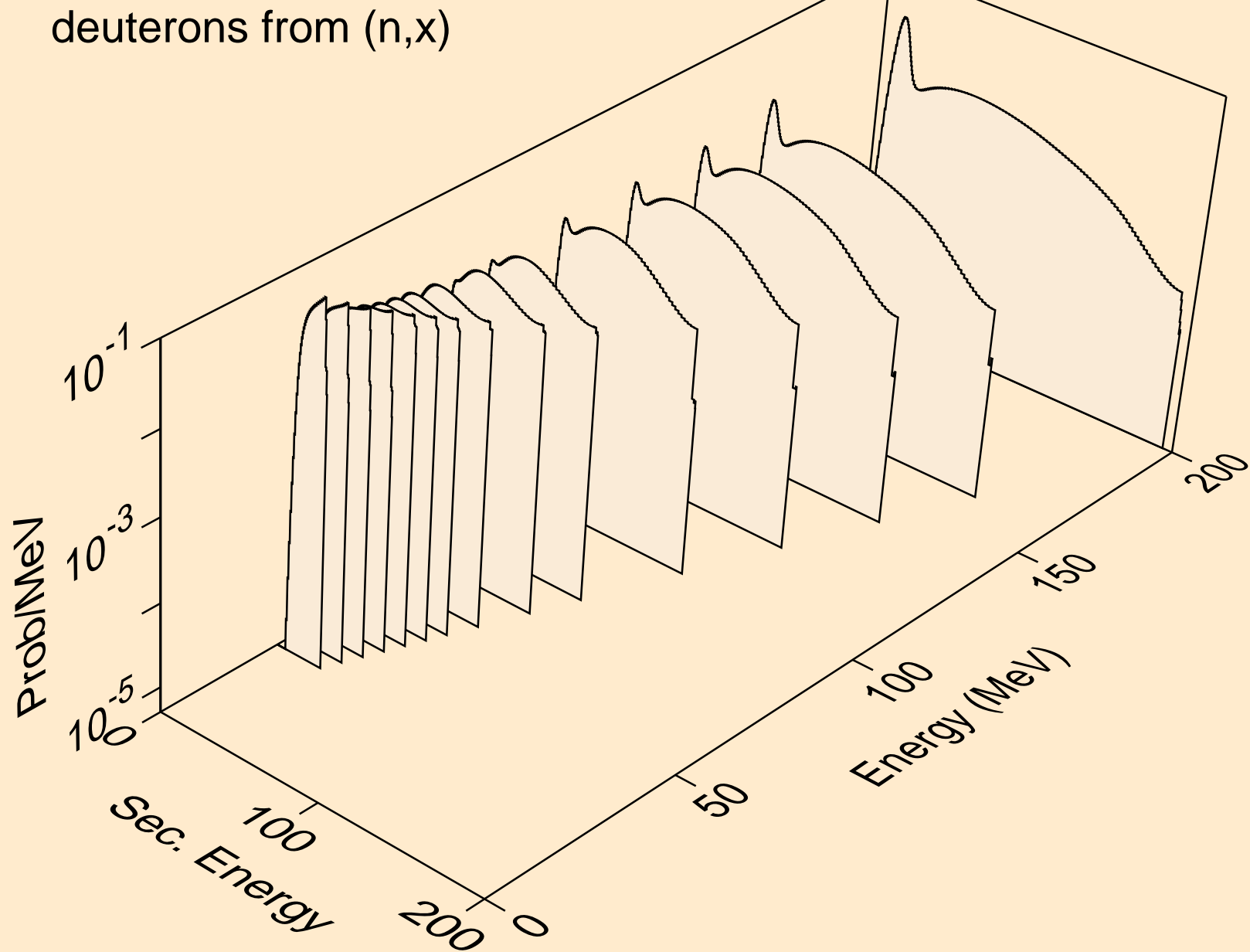
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protons from (n,pd)



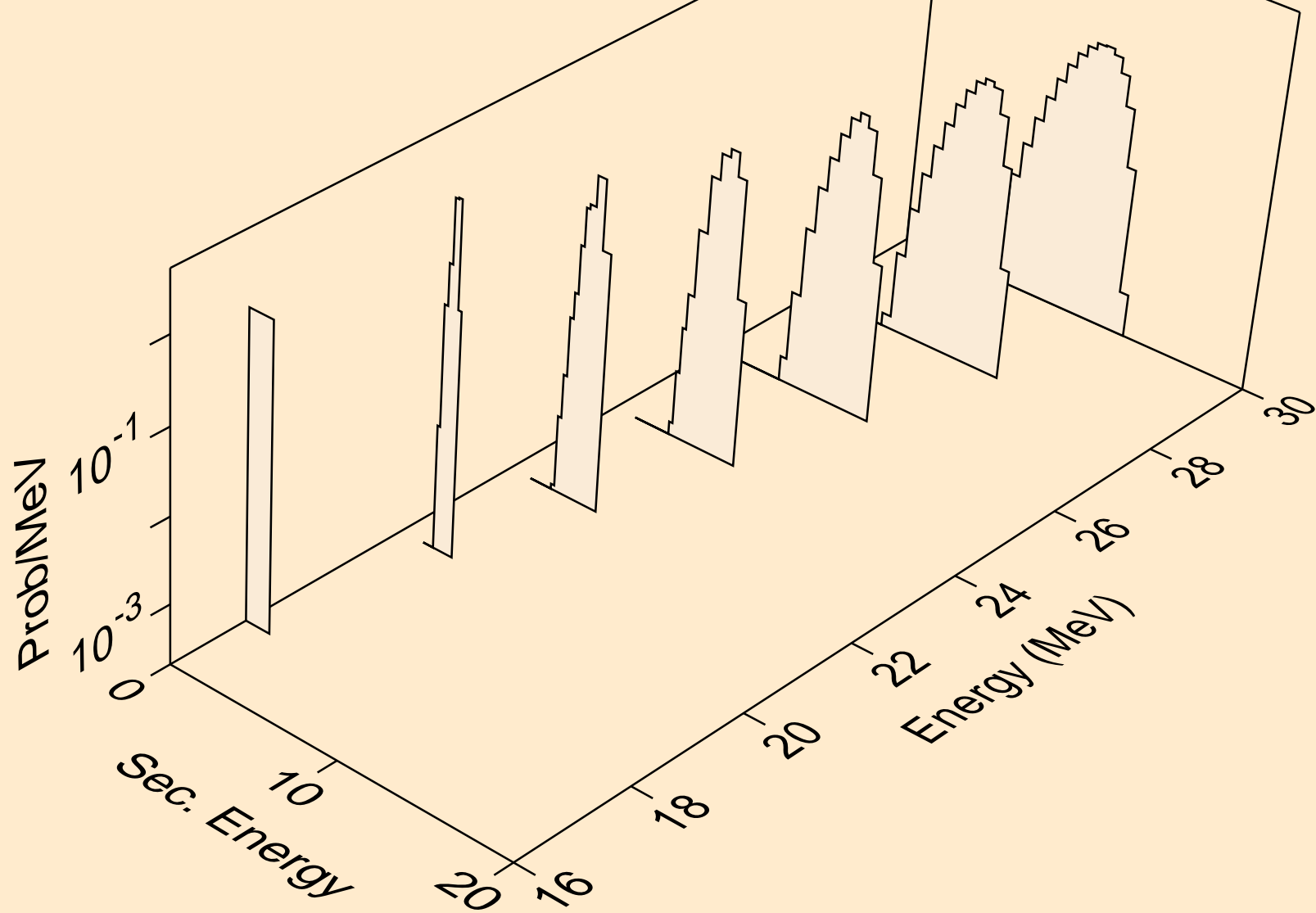
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protons from (n,pt)



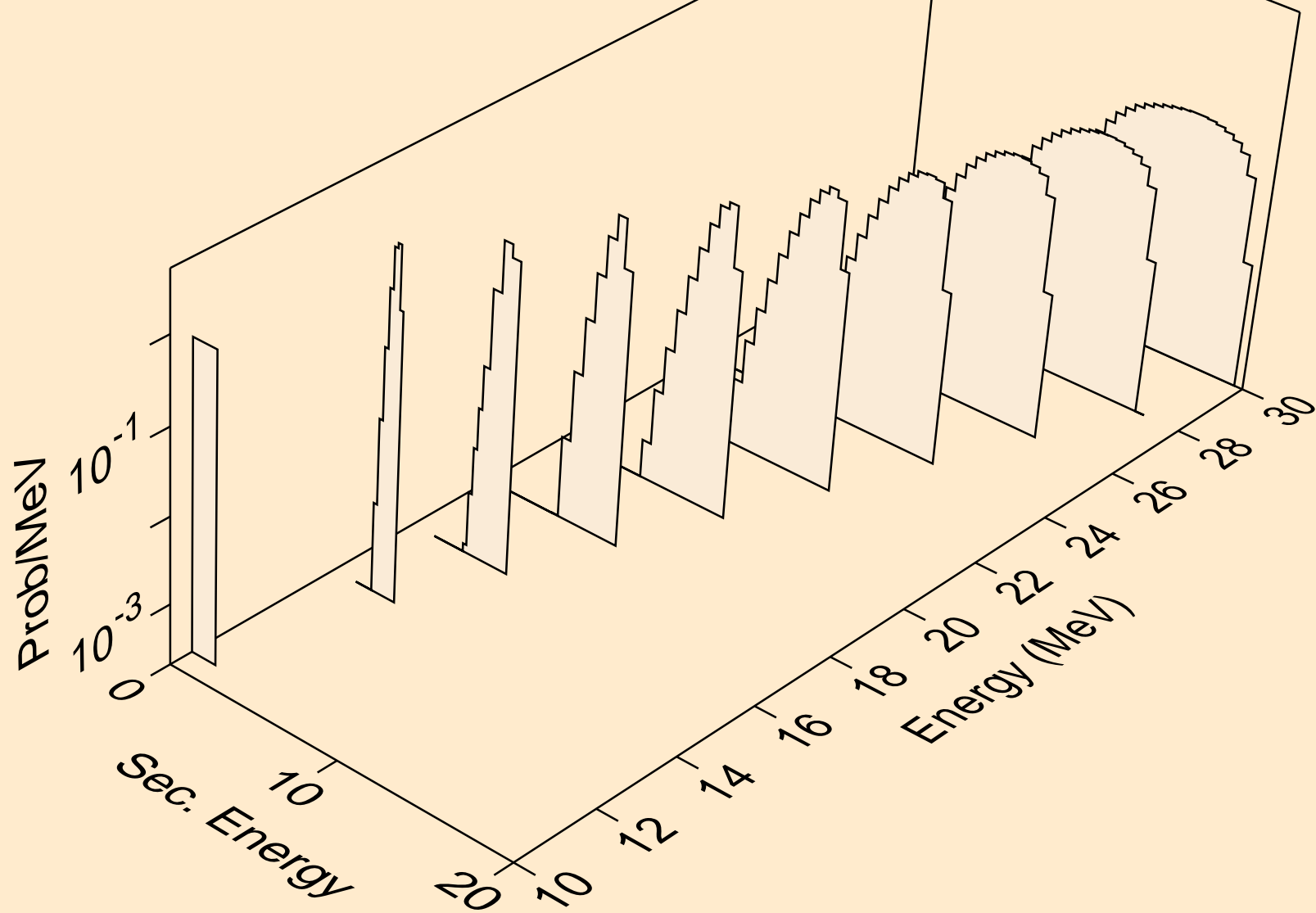
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deuterons from (n,x)



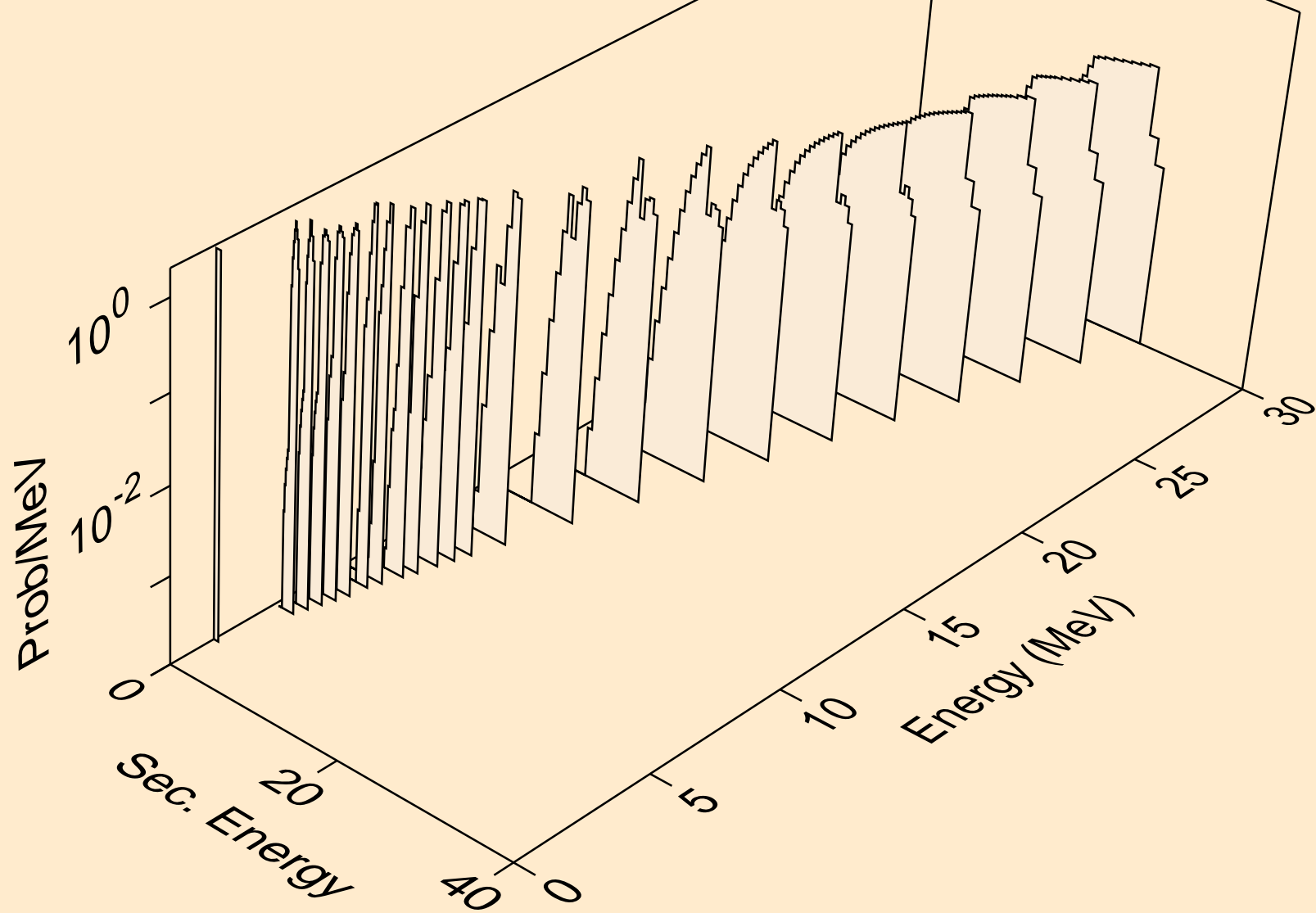
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deuterons from (n,2nd)



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

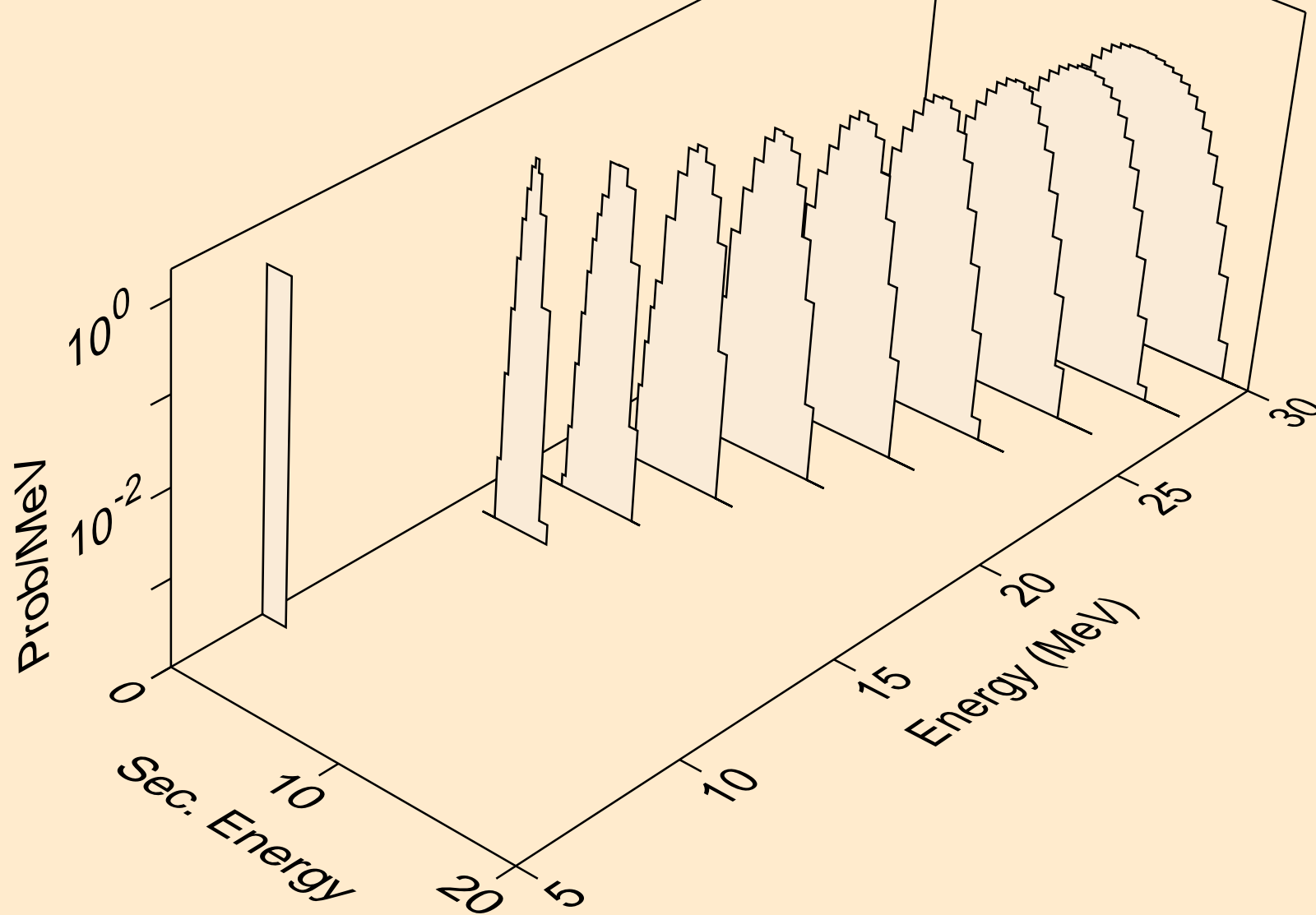


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deuterons from (n,d)

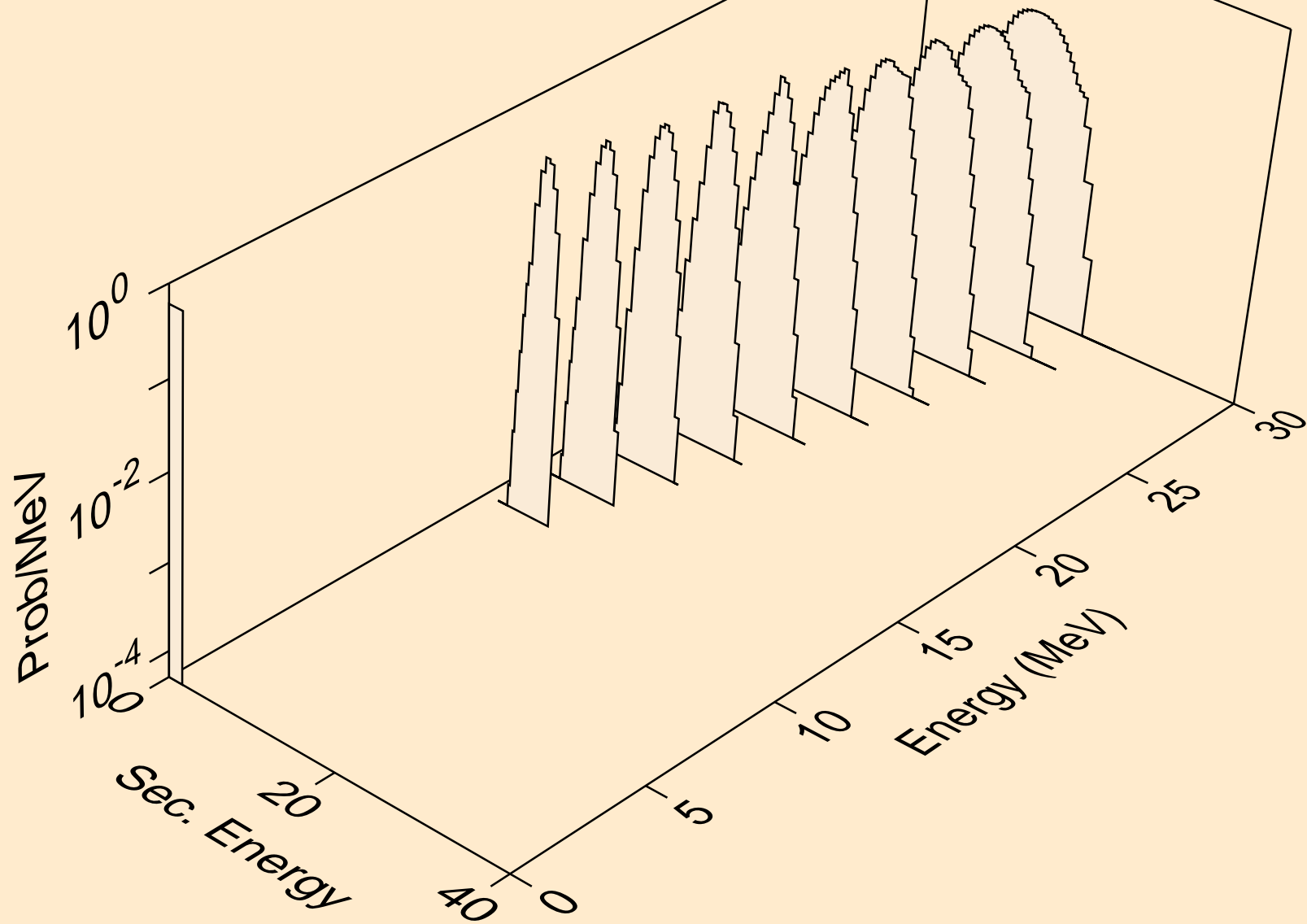




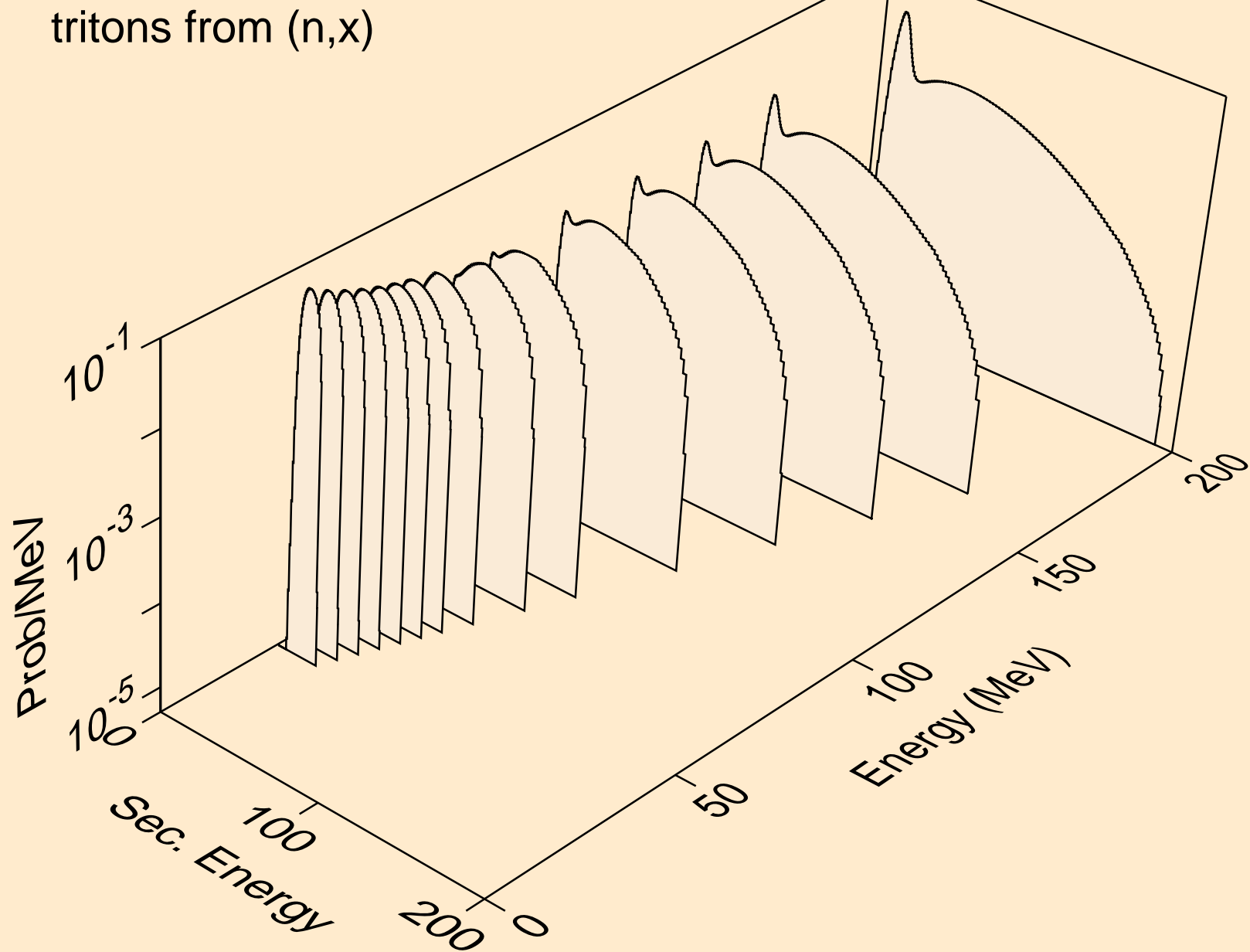
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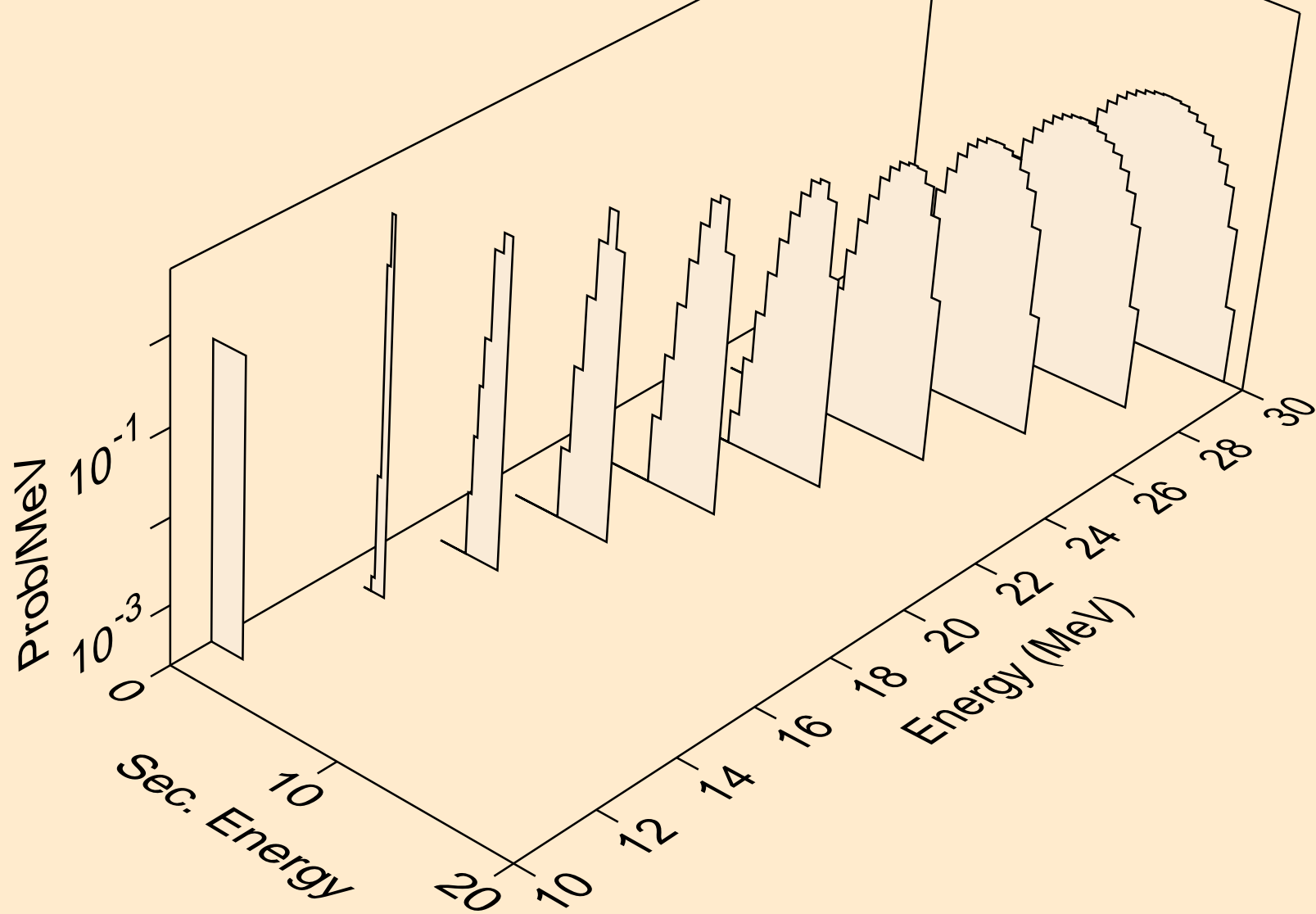
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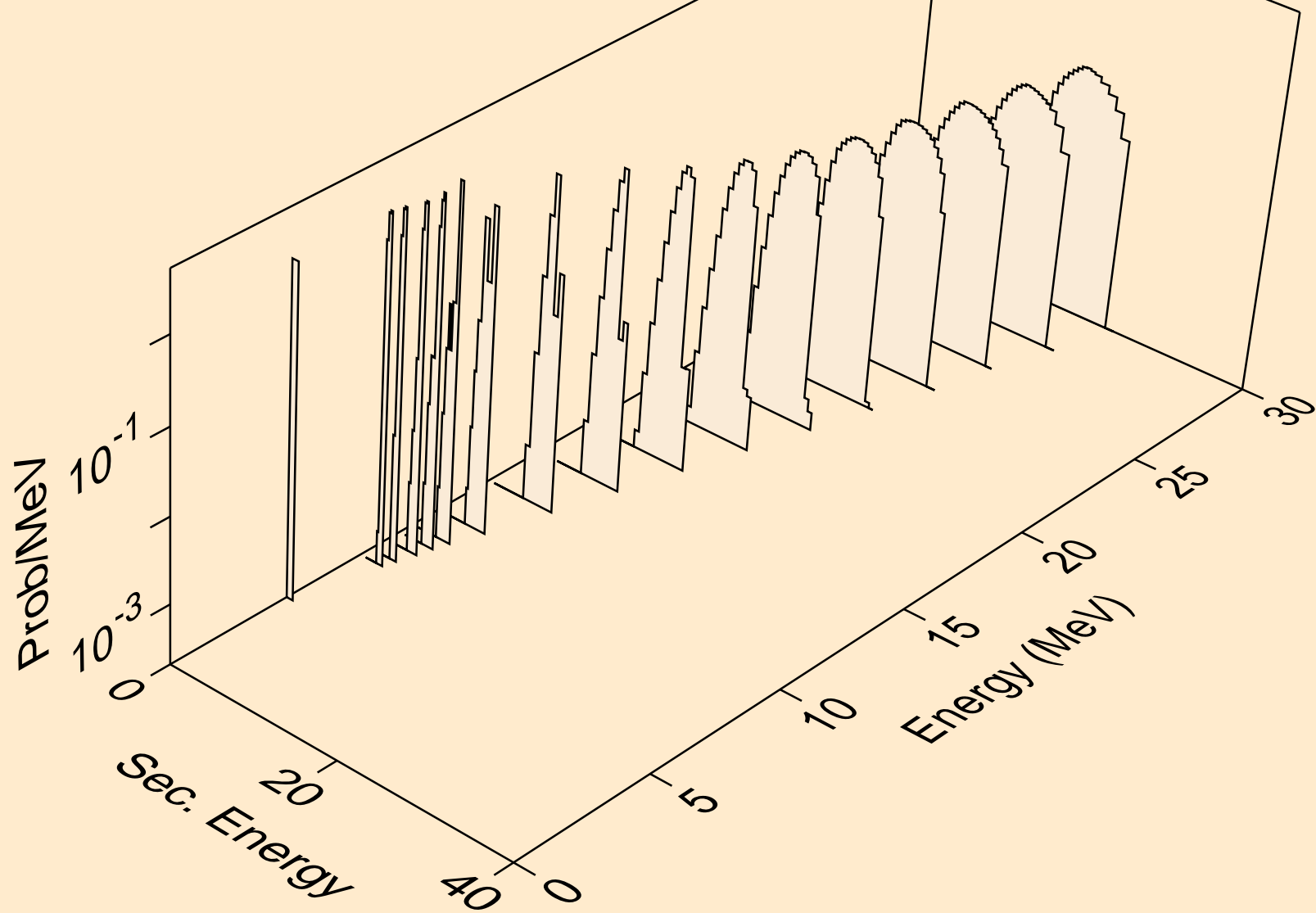
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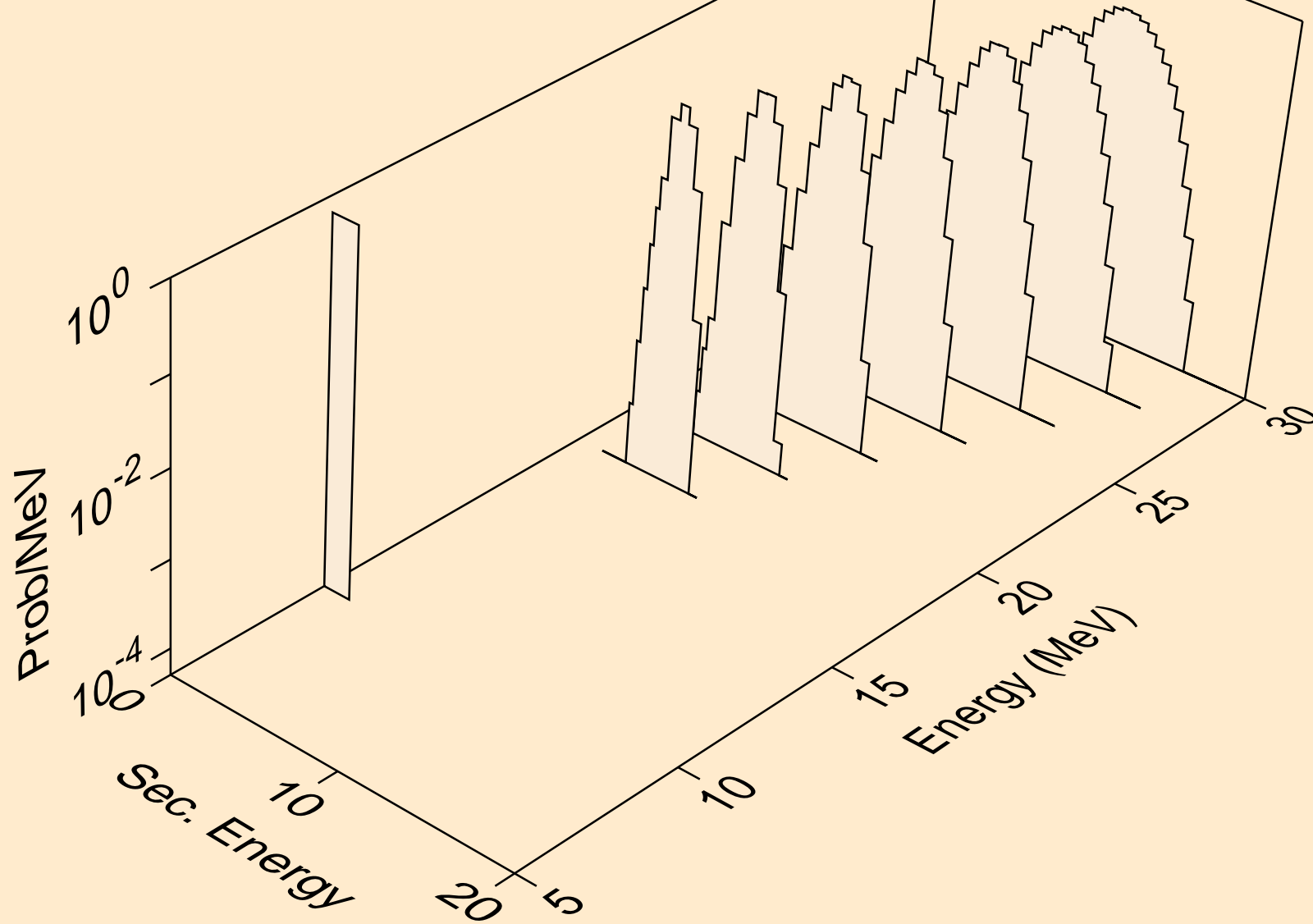
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tritons from (n,n\*)t



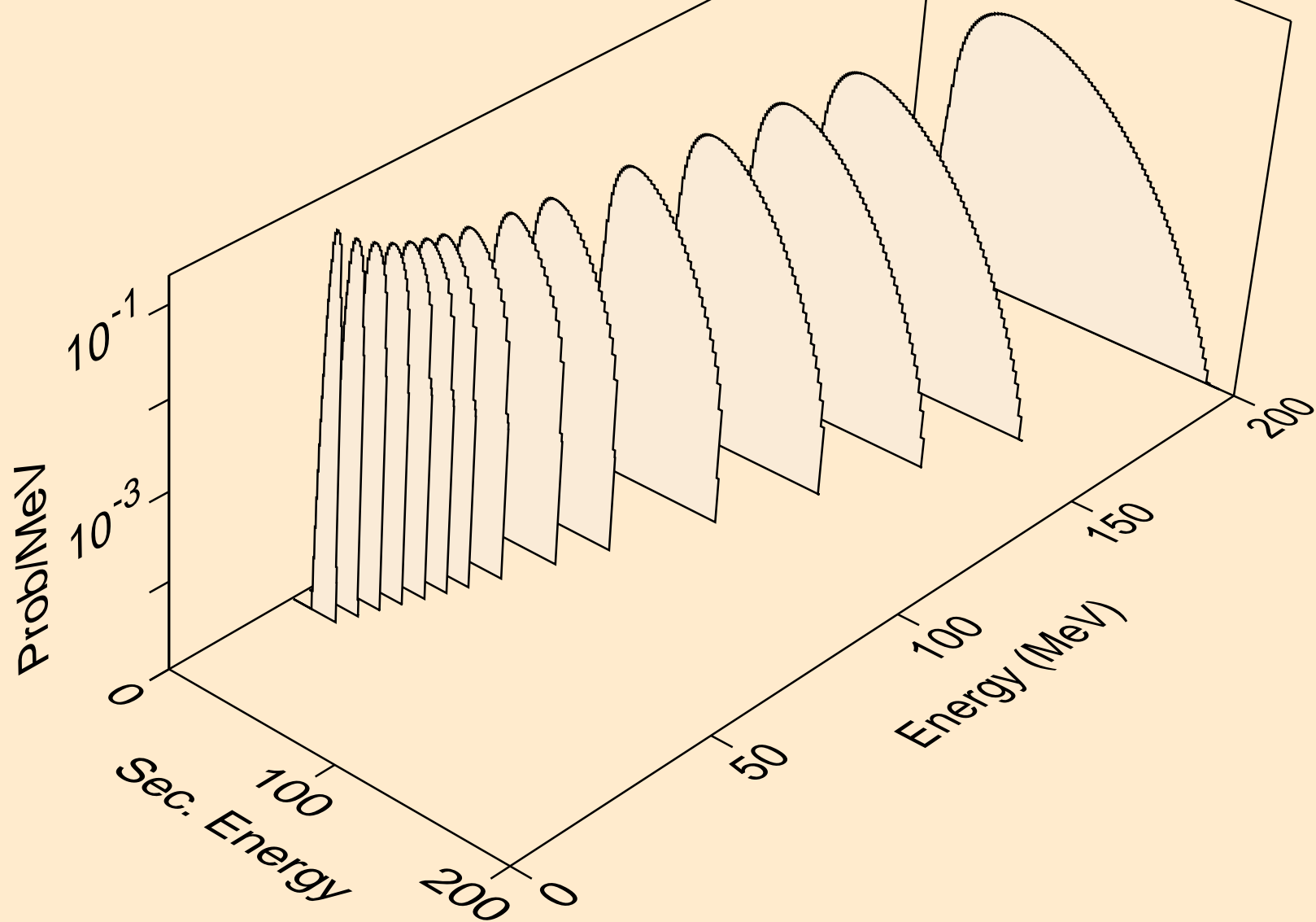
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tritons from (n,t)



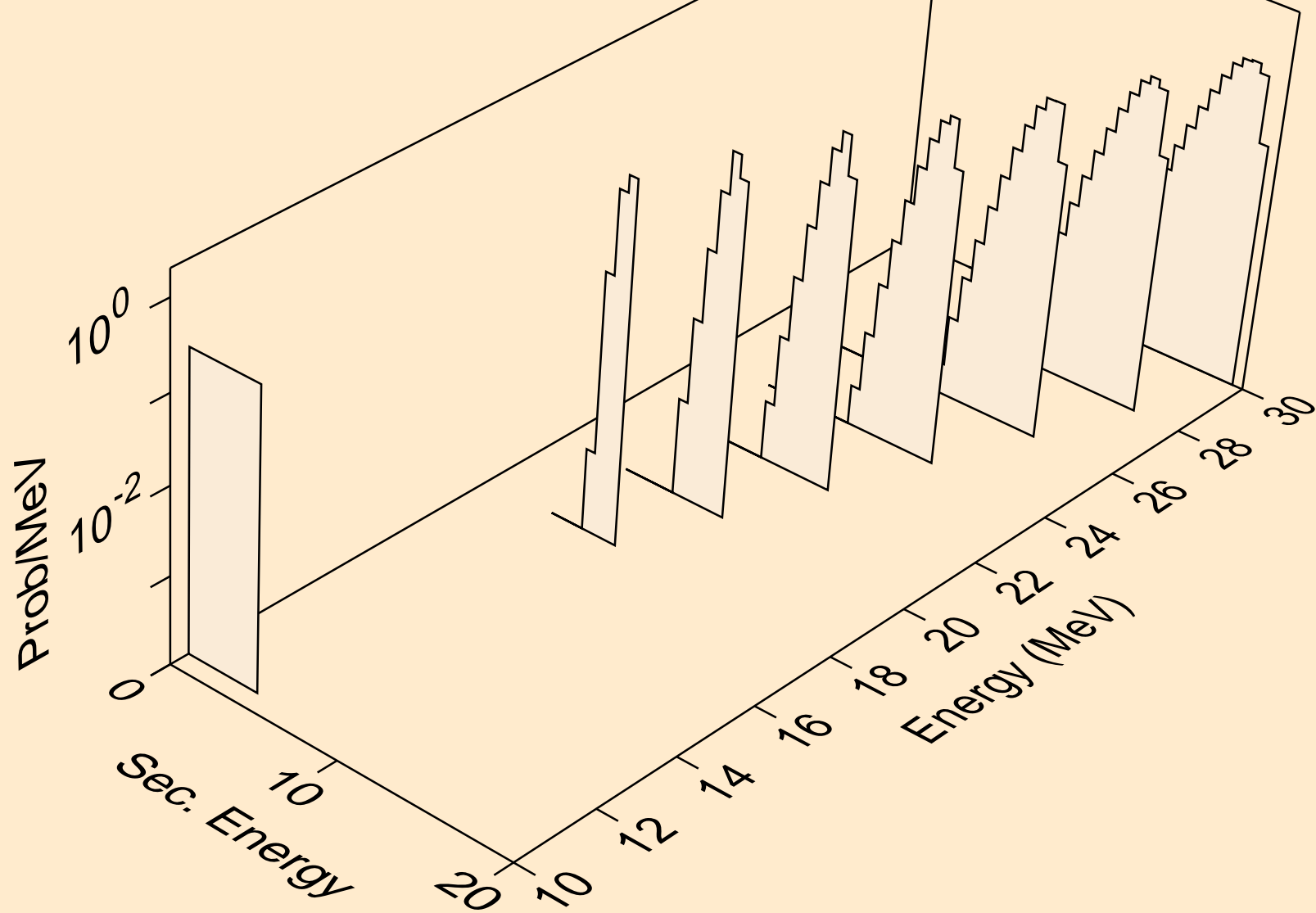
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

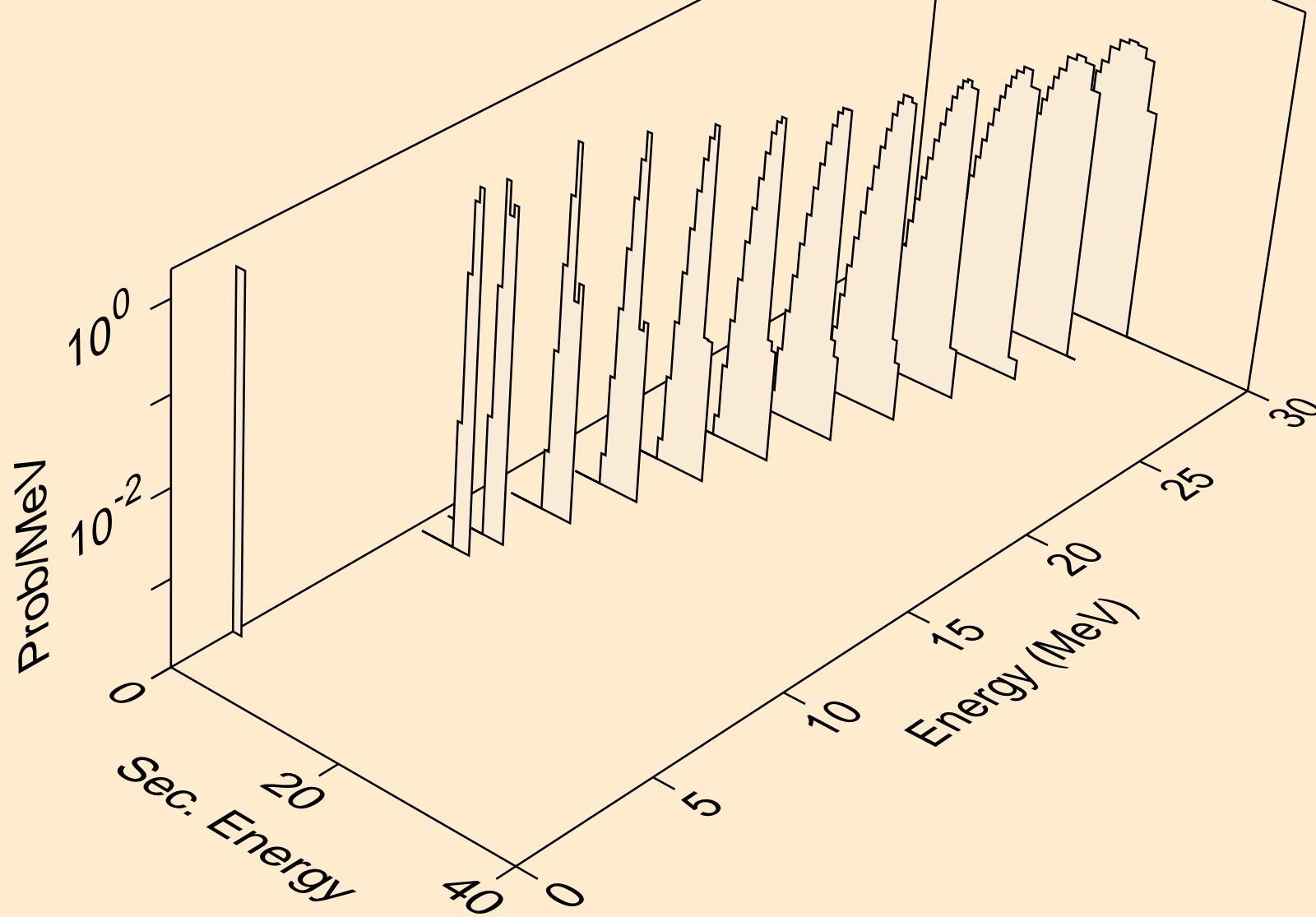


AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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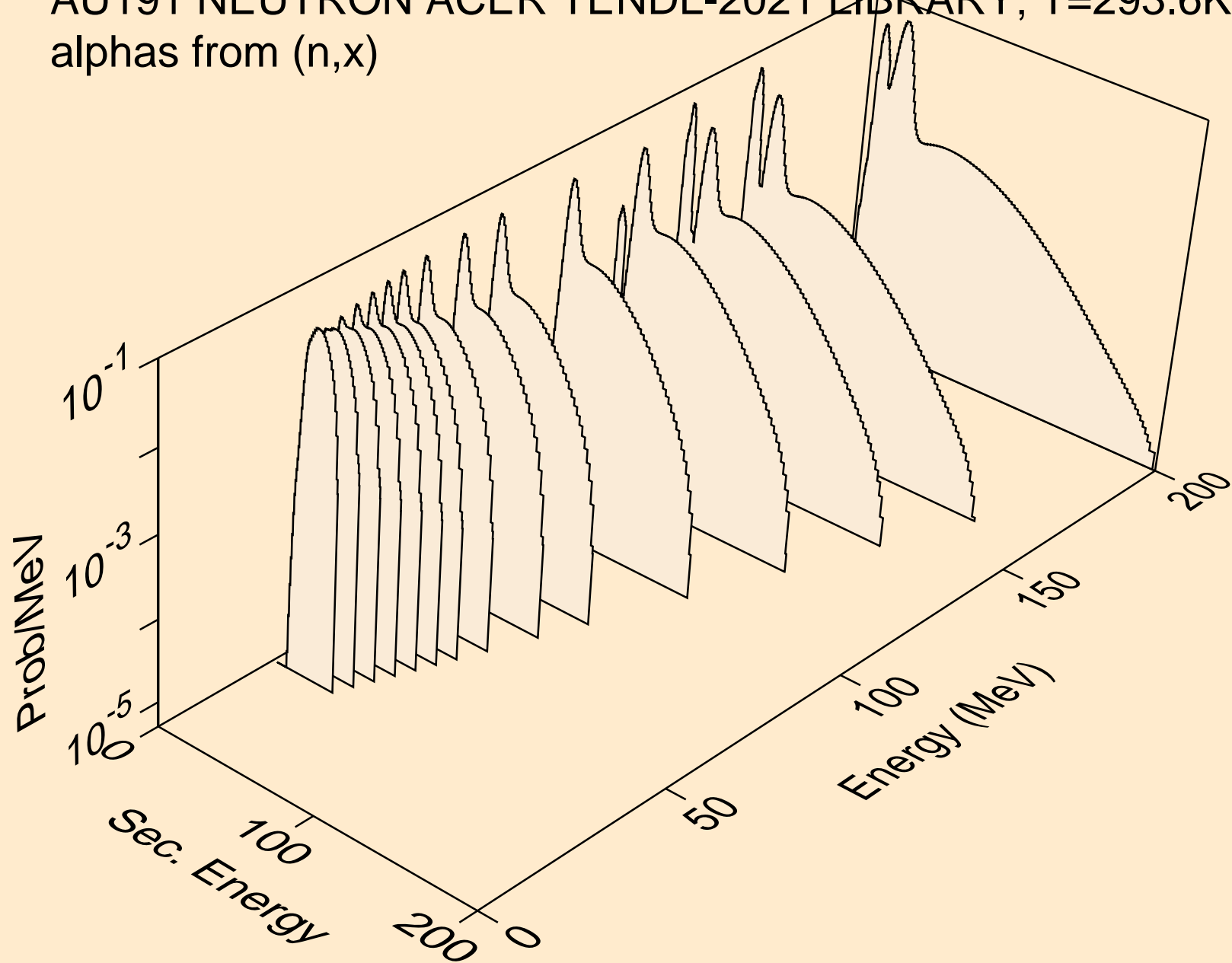




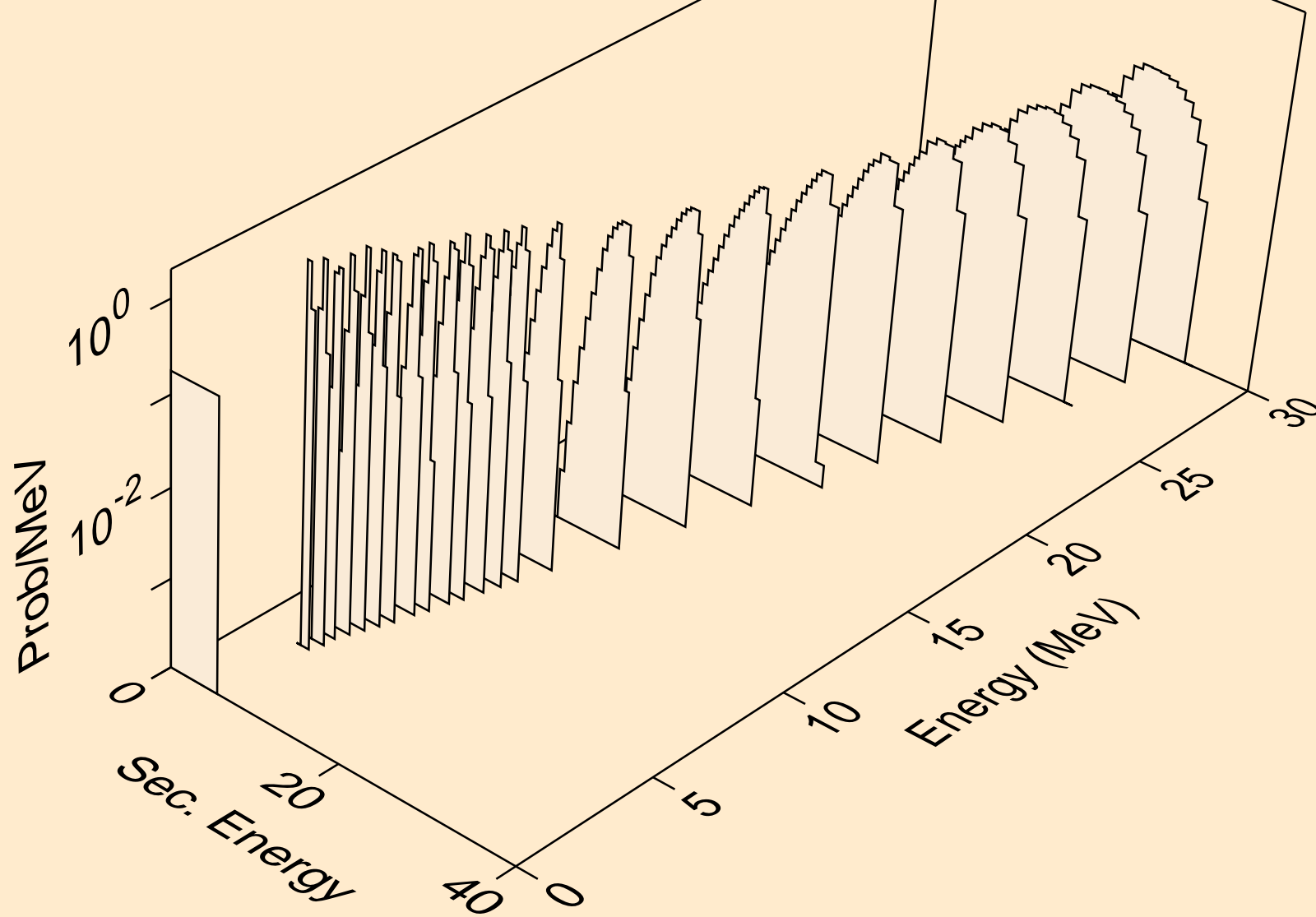
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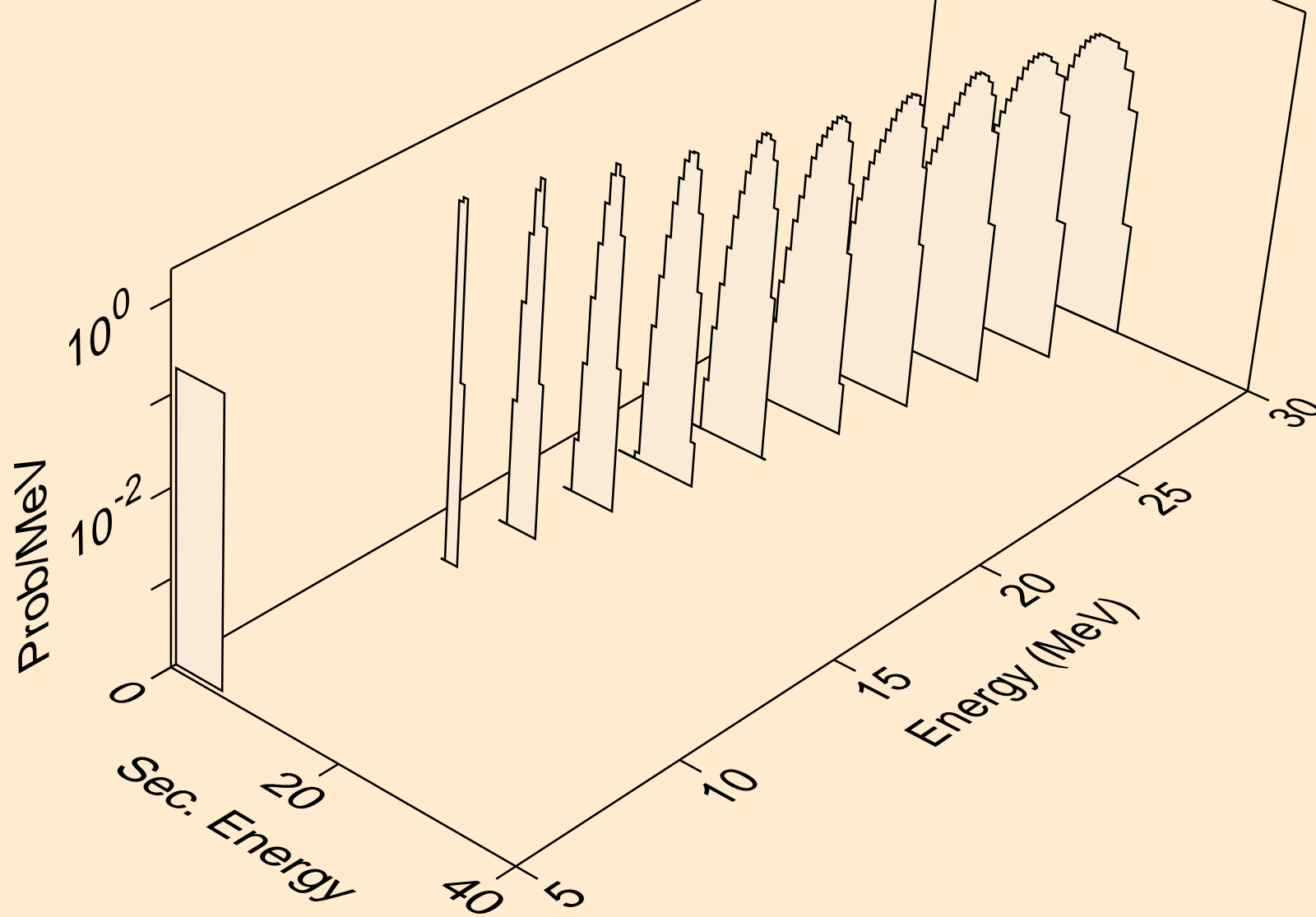
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alphas from (n,x)



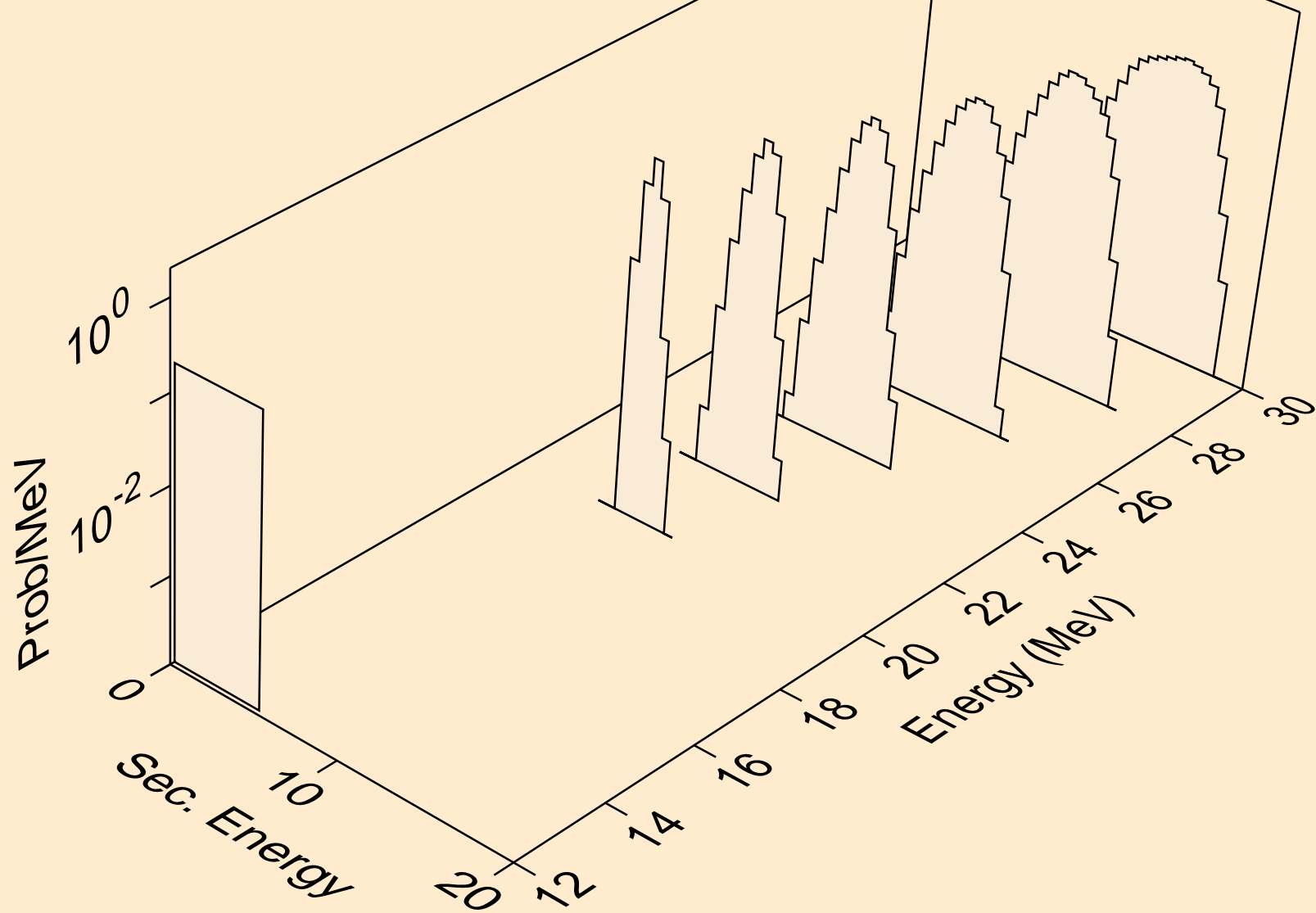
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



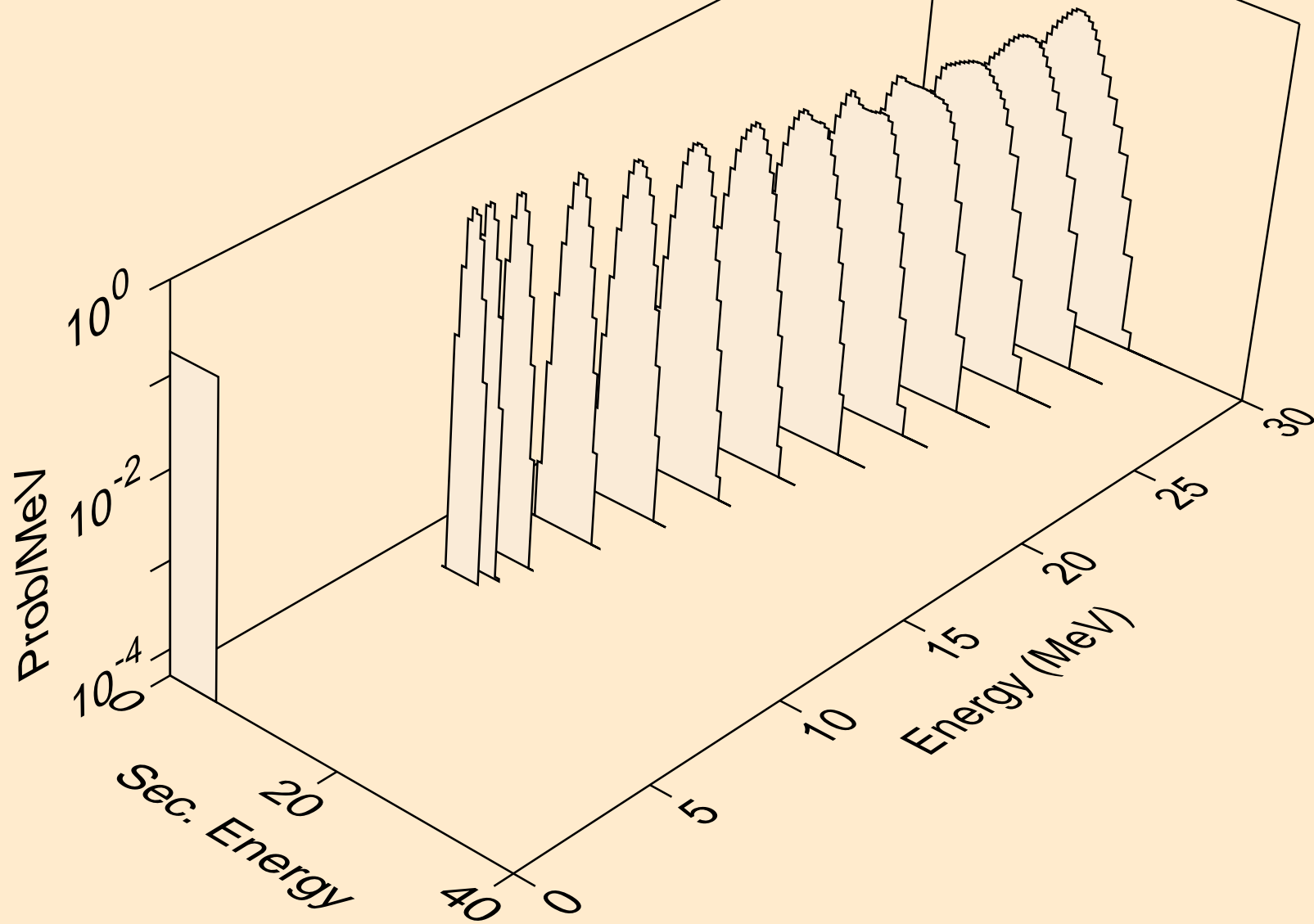
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alphas from (n,2n)a



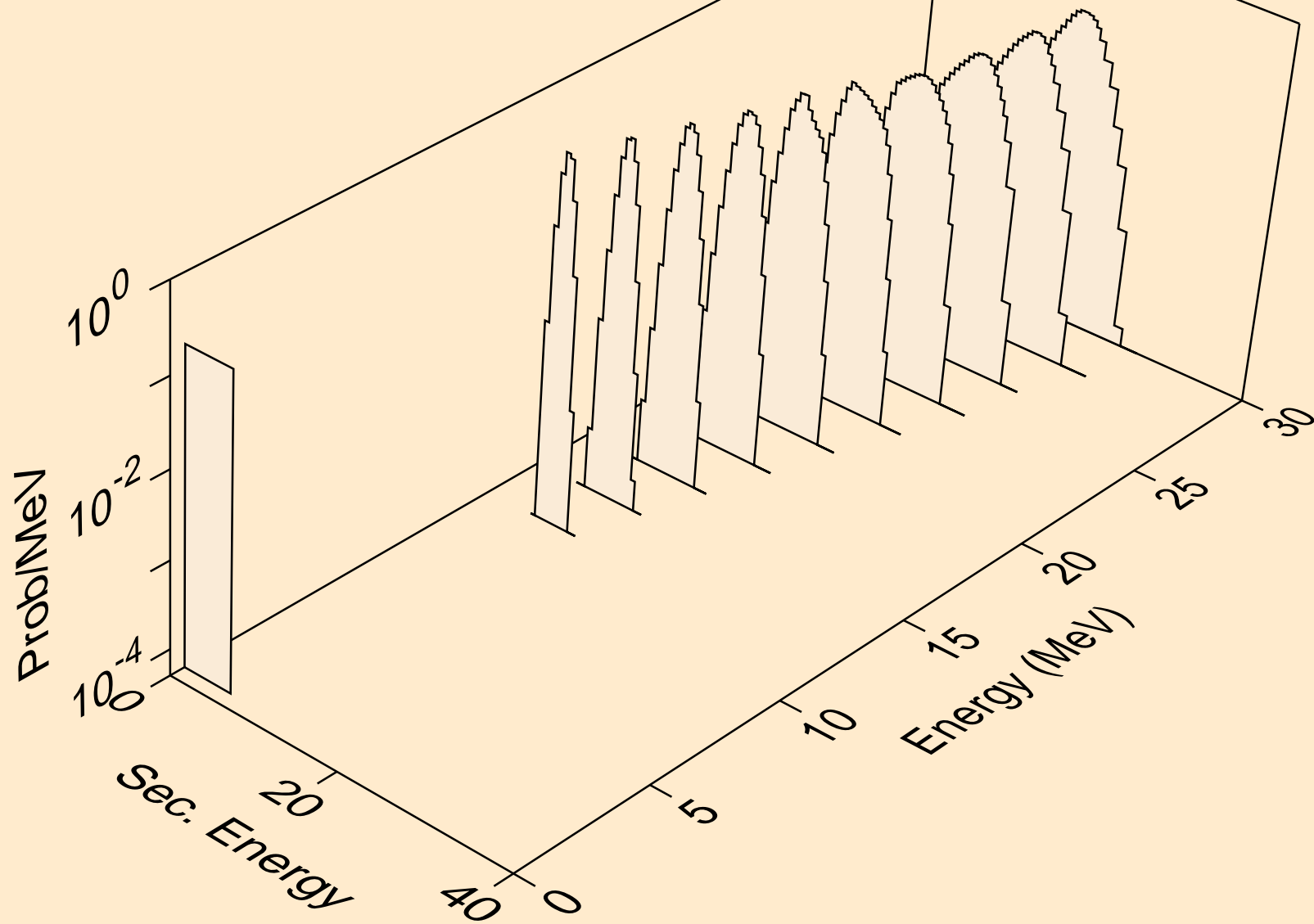
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



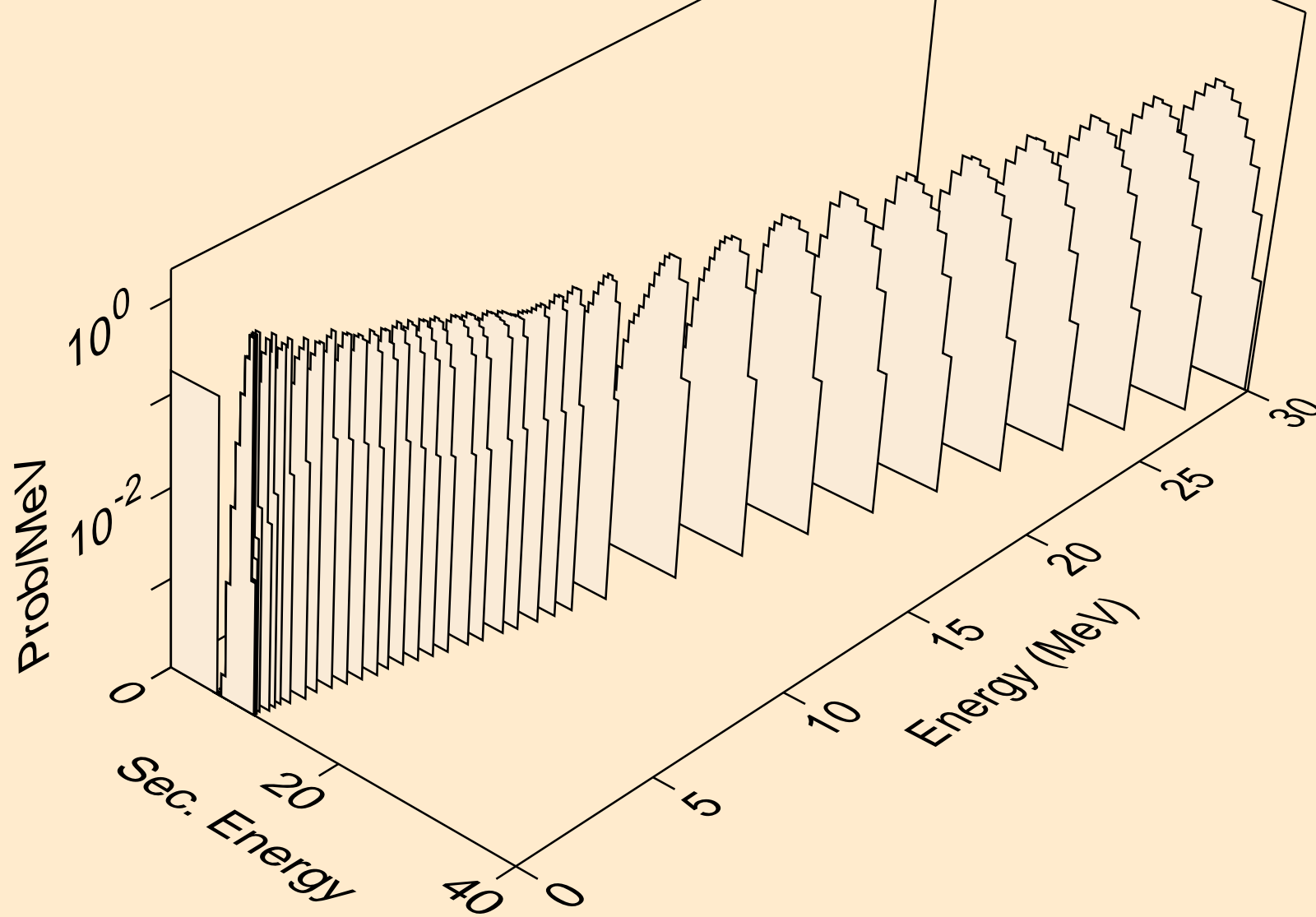
AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

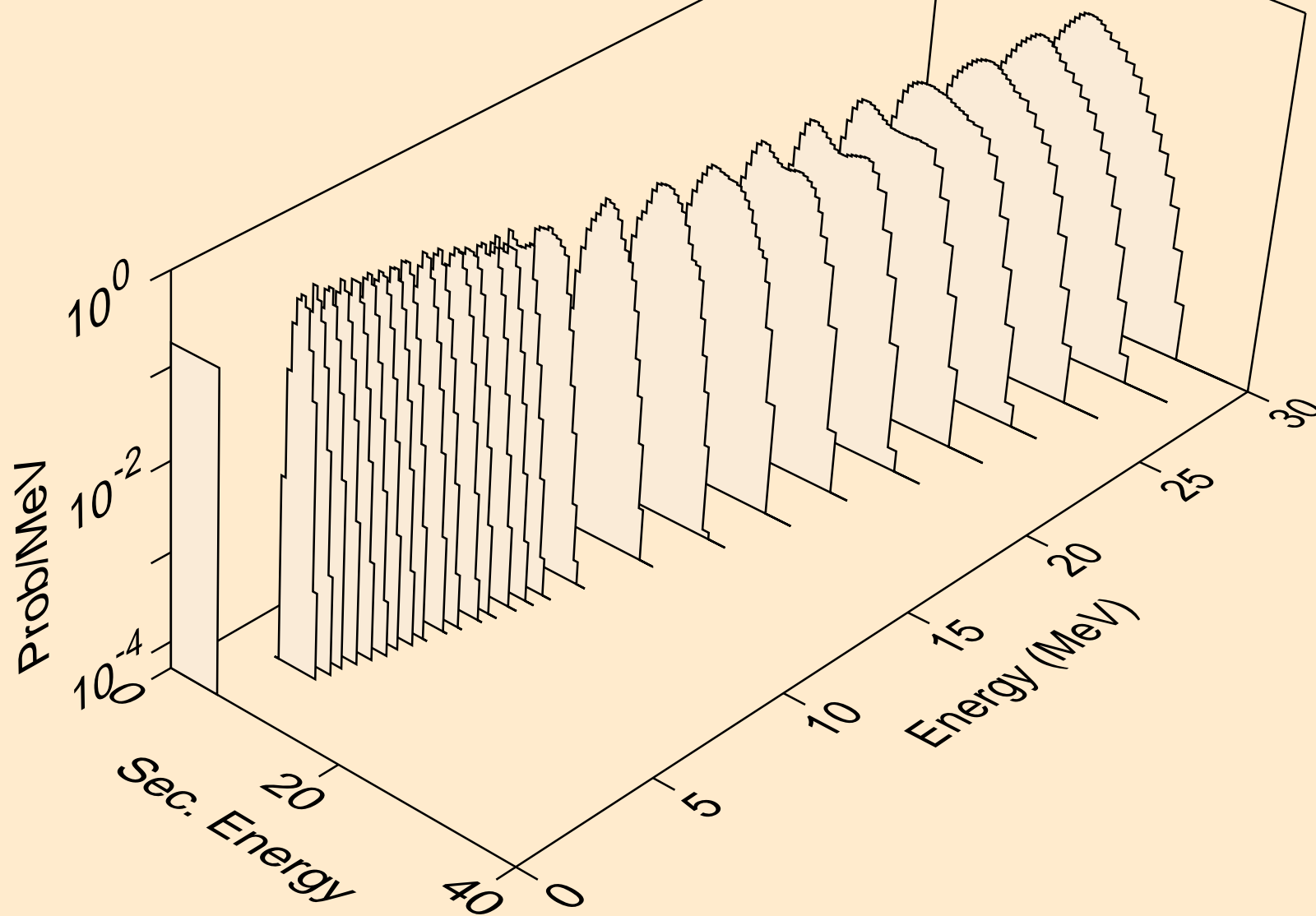


AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

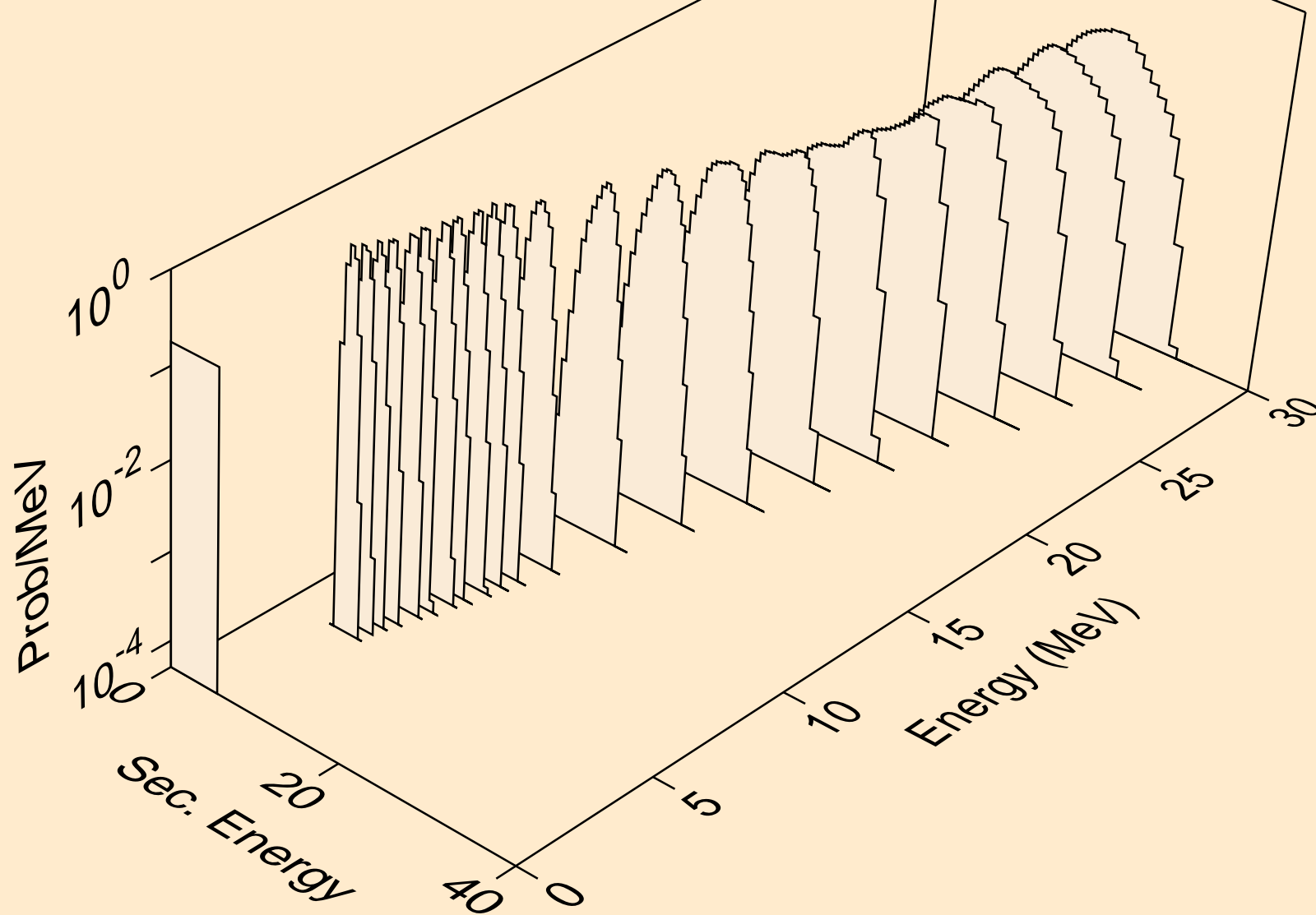




AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



AU191 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

