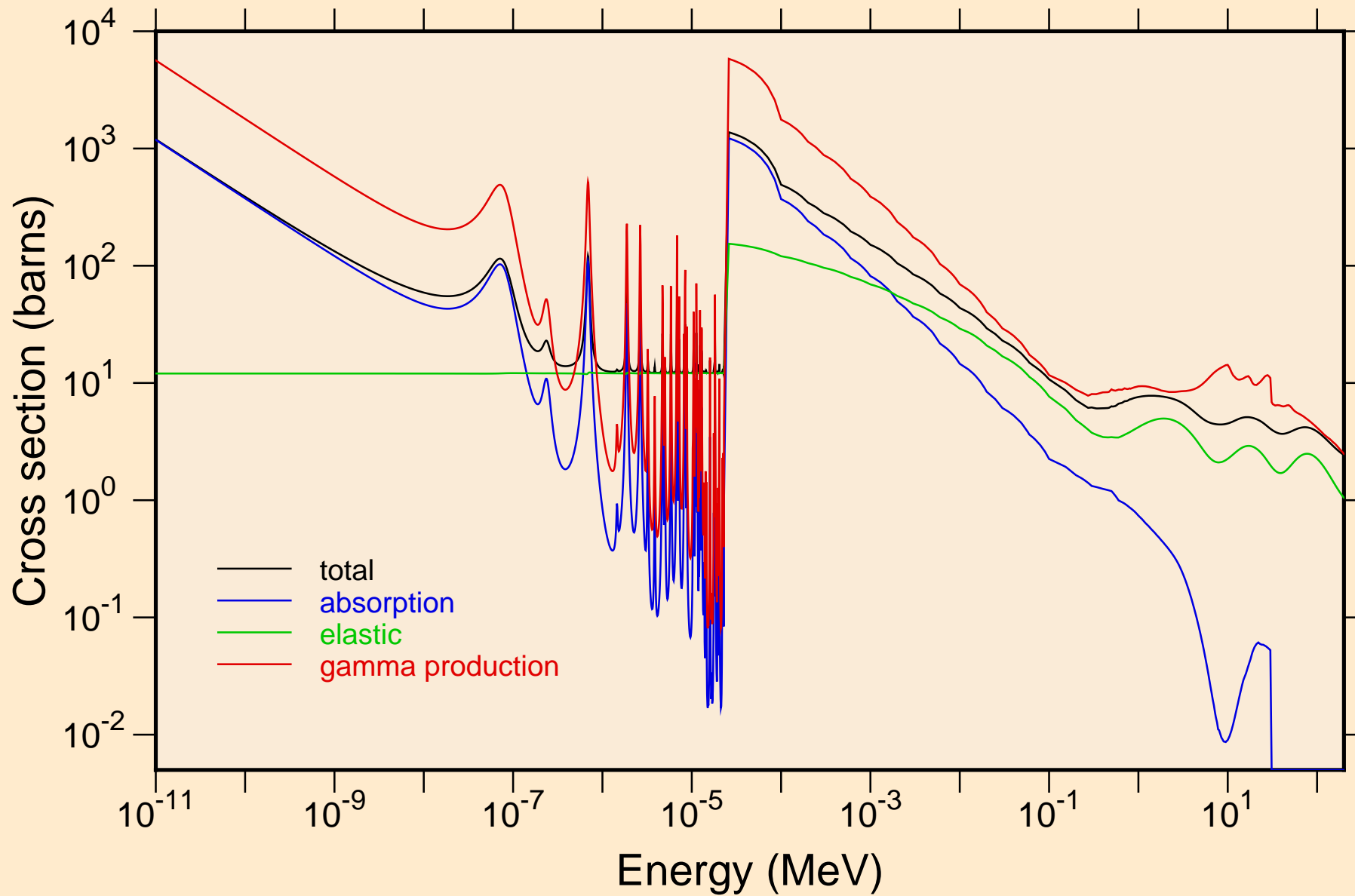
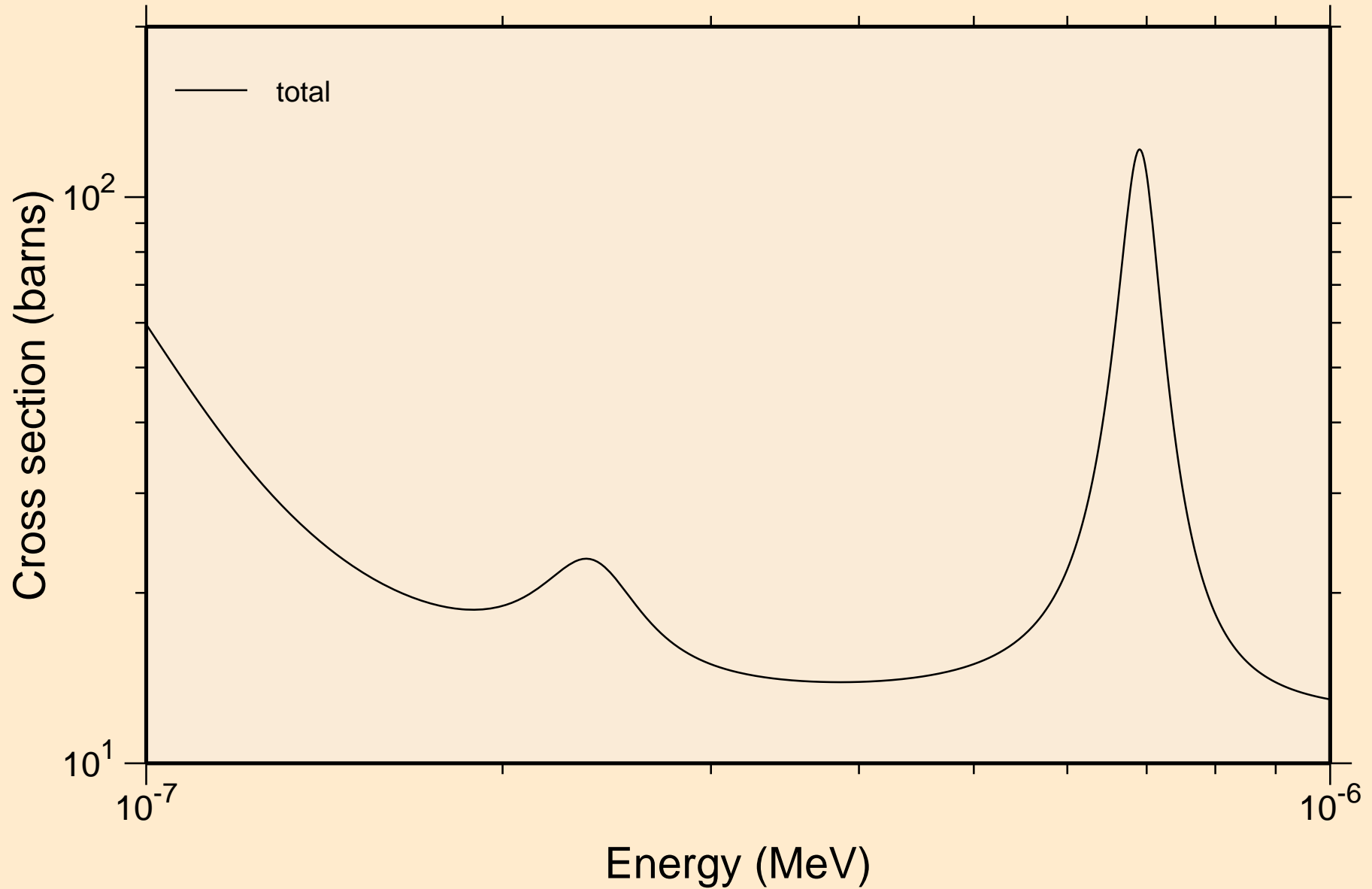


# TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

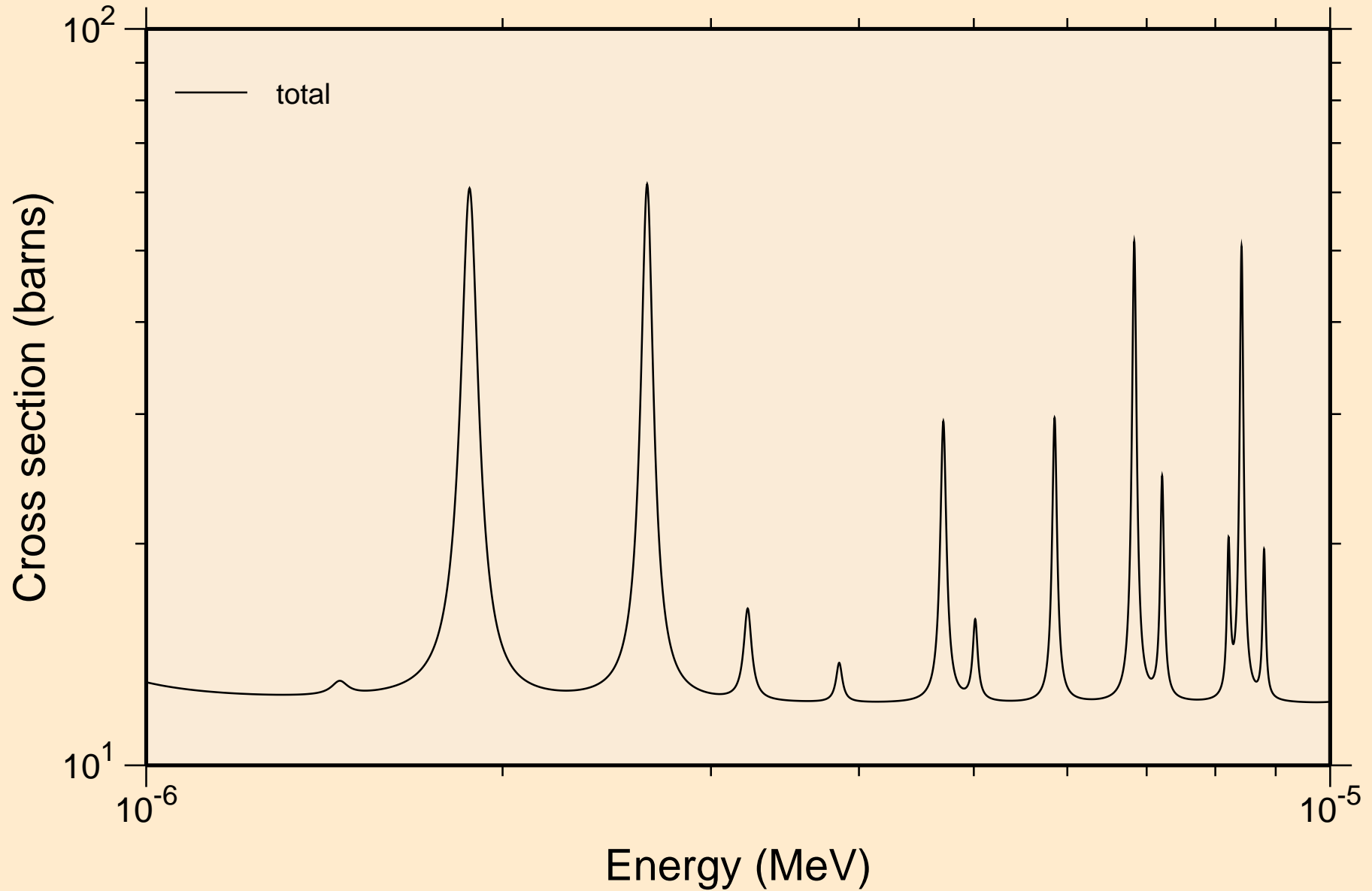
## Principal cross sections



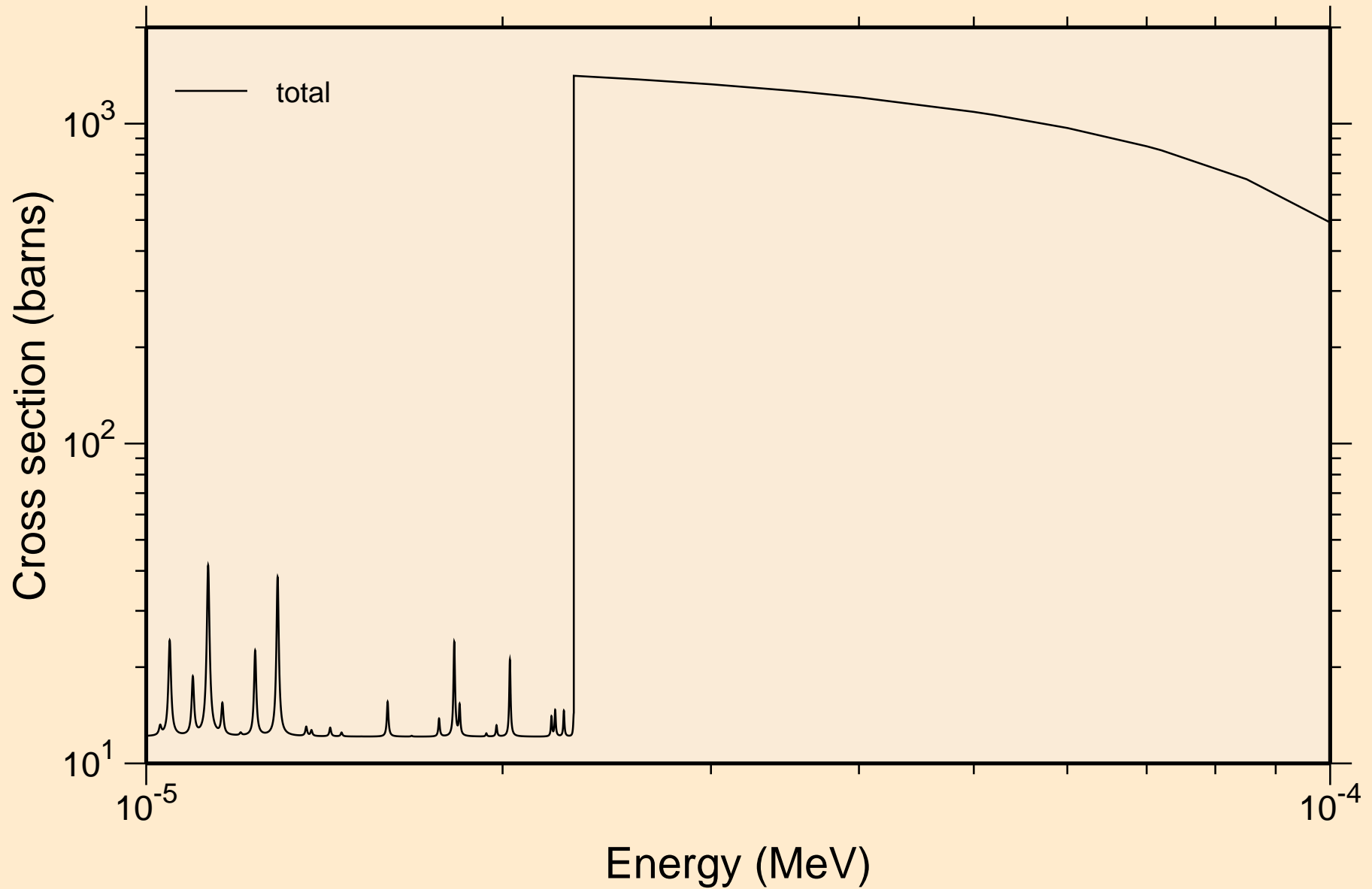
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



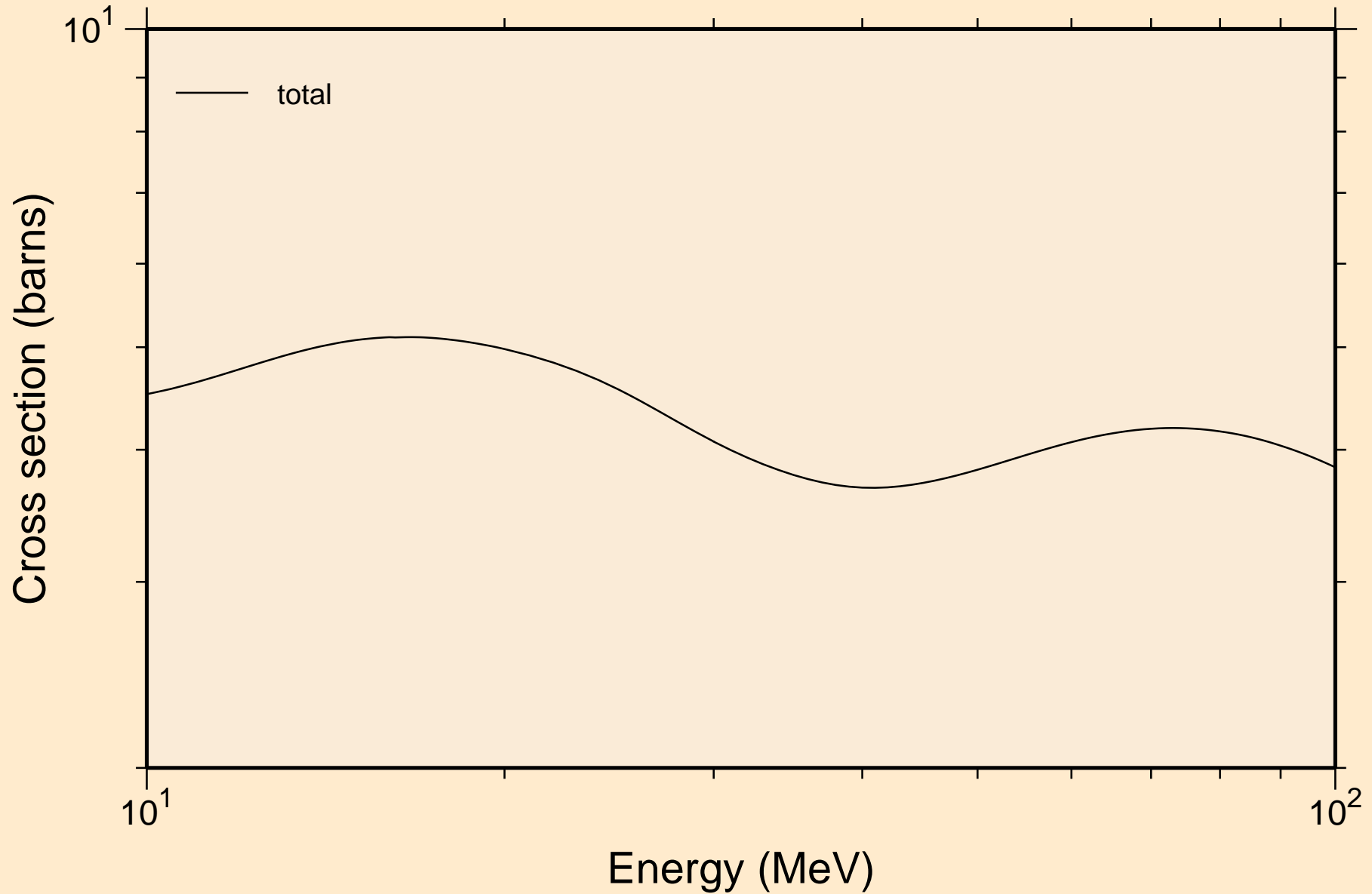
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



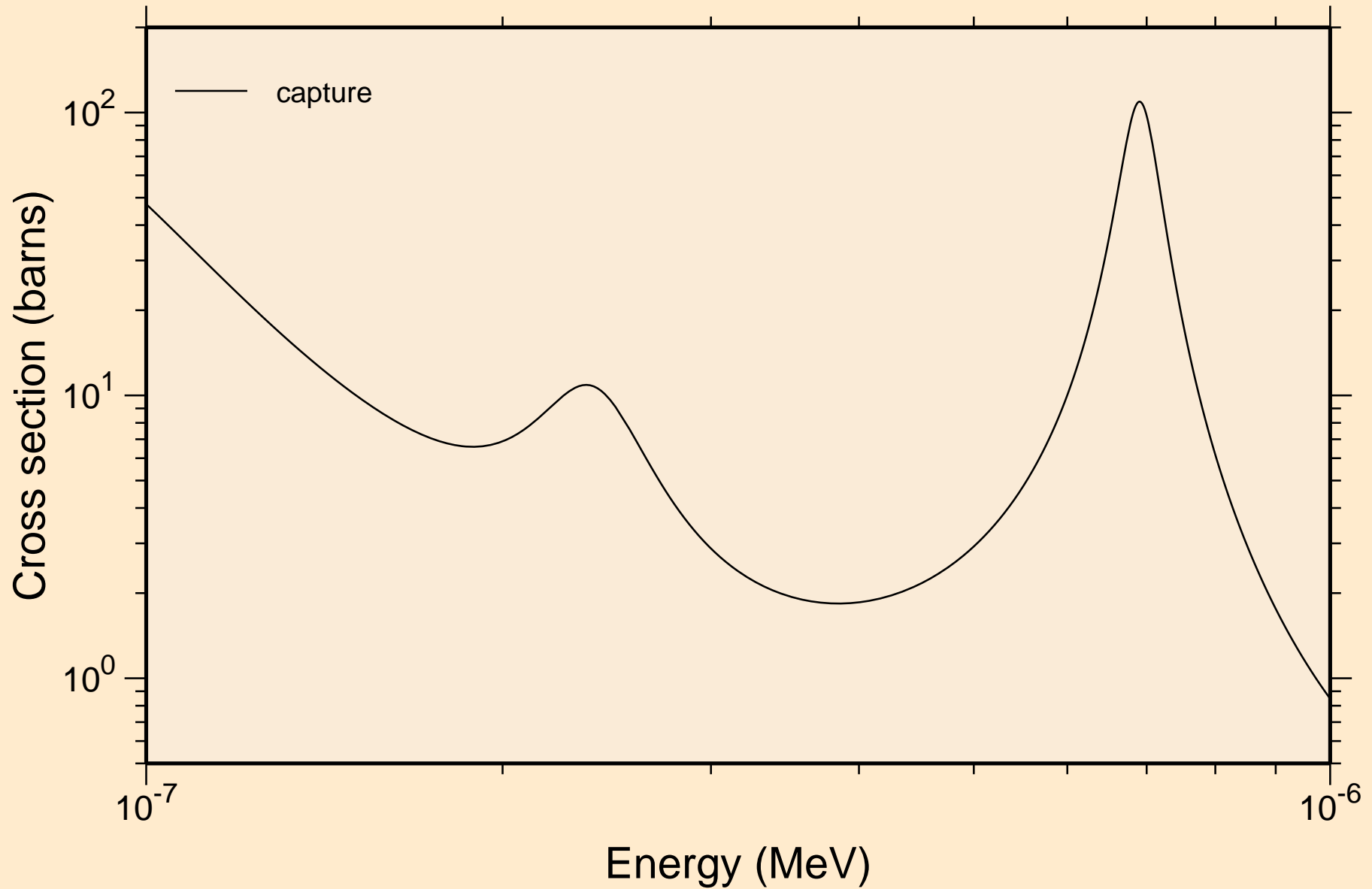
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



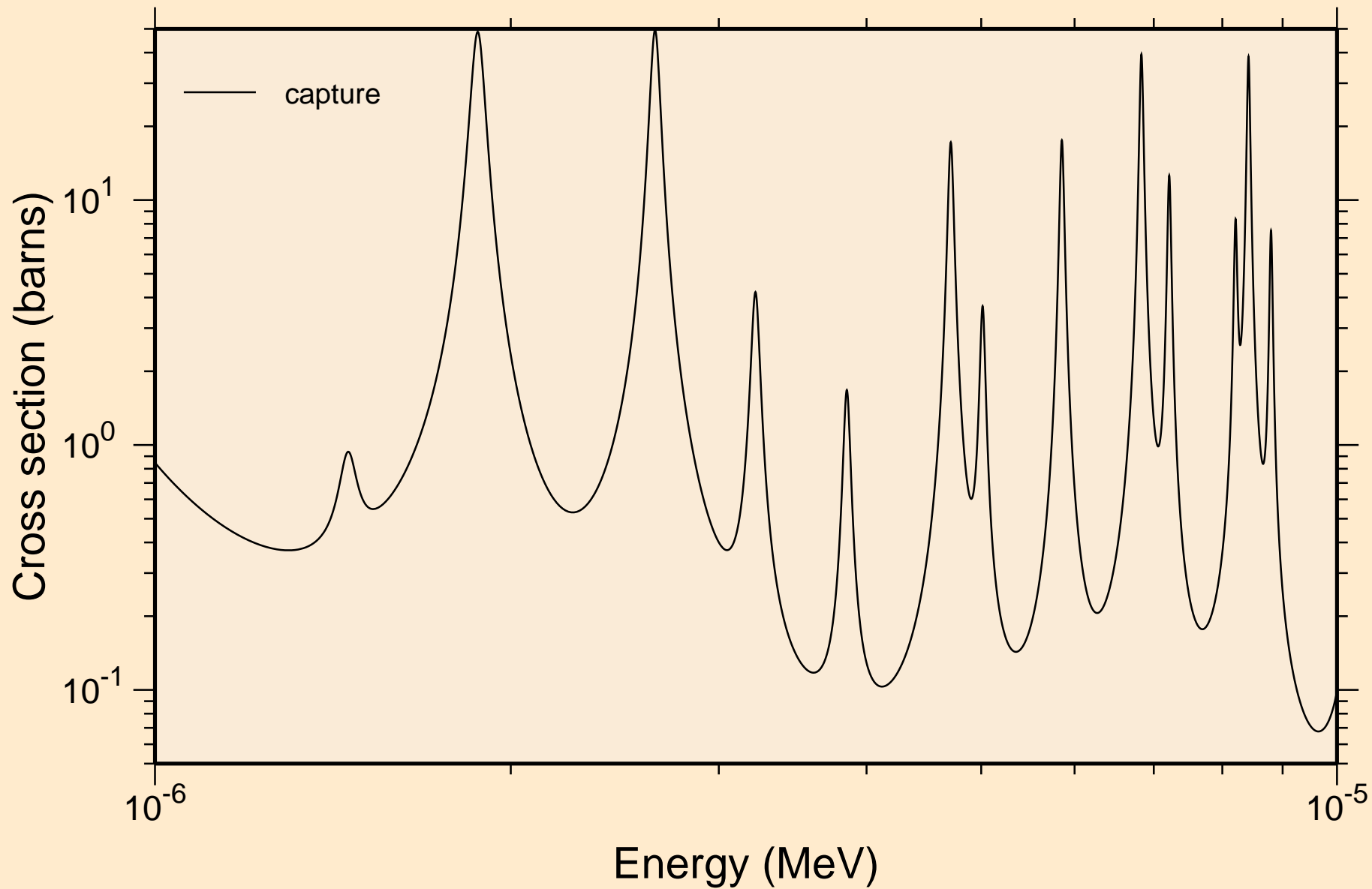
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



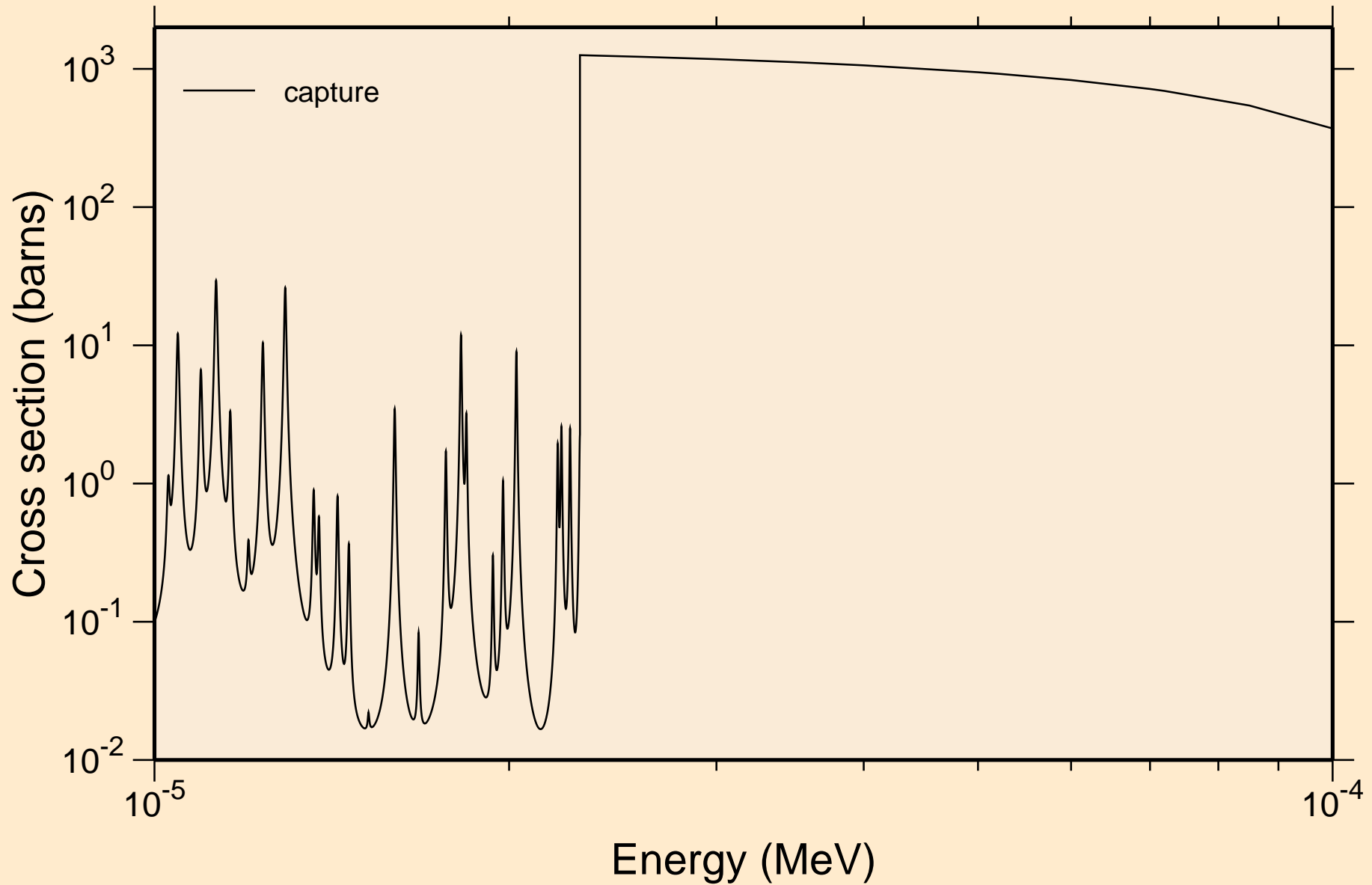
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

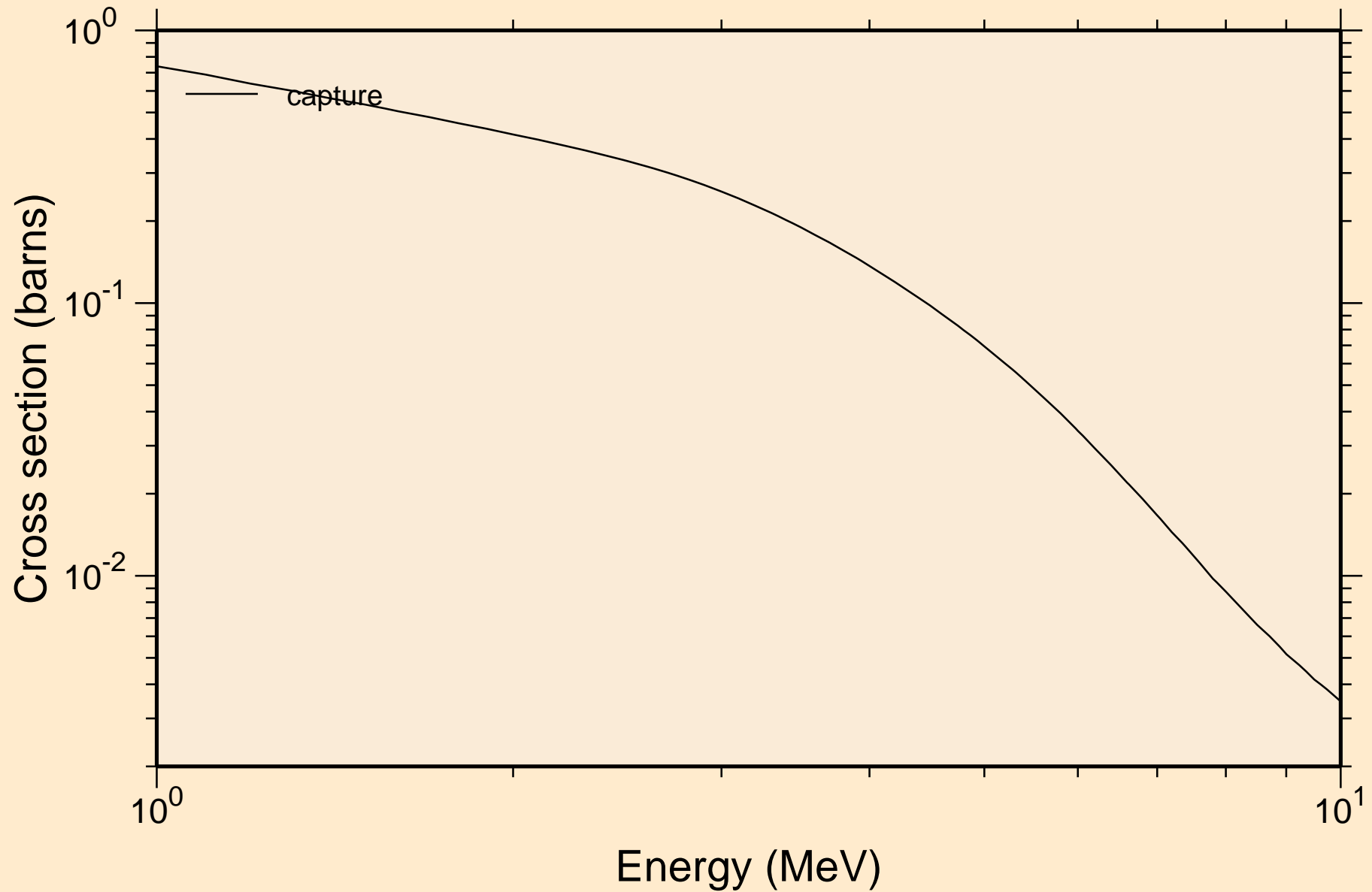


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



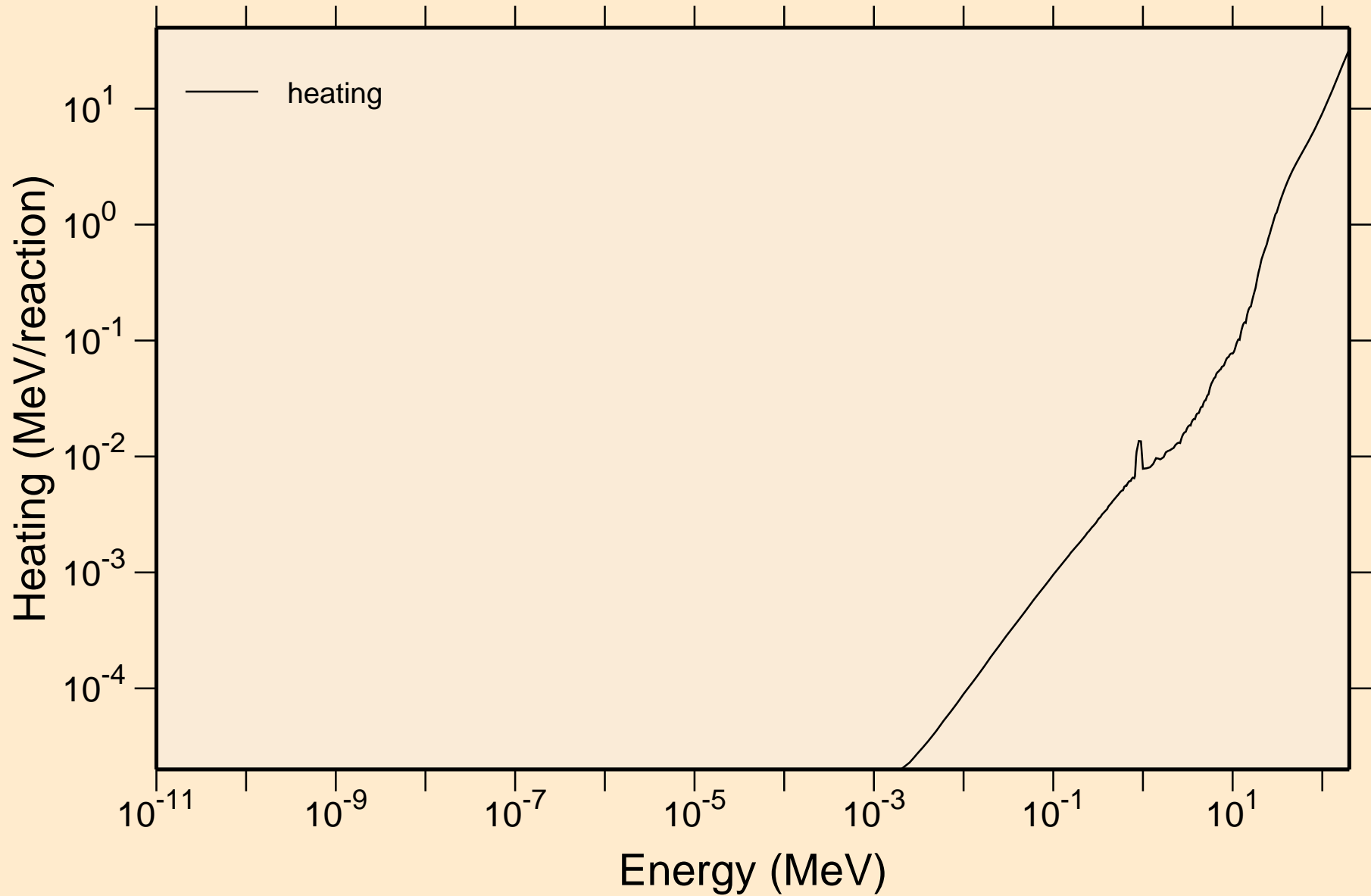


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

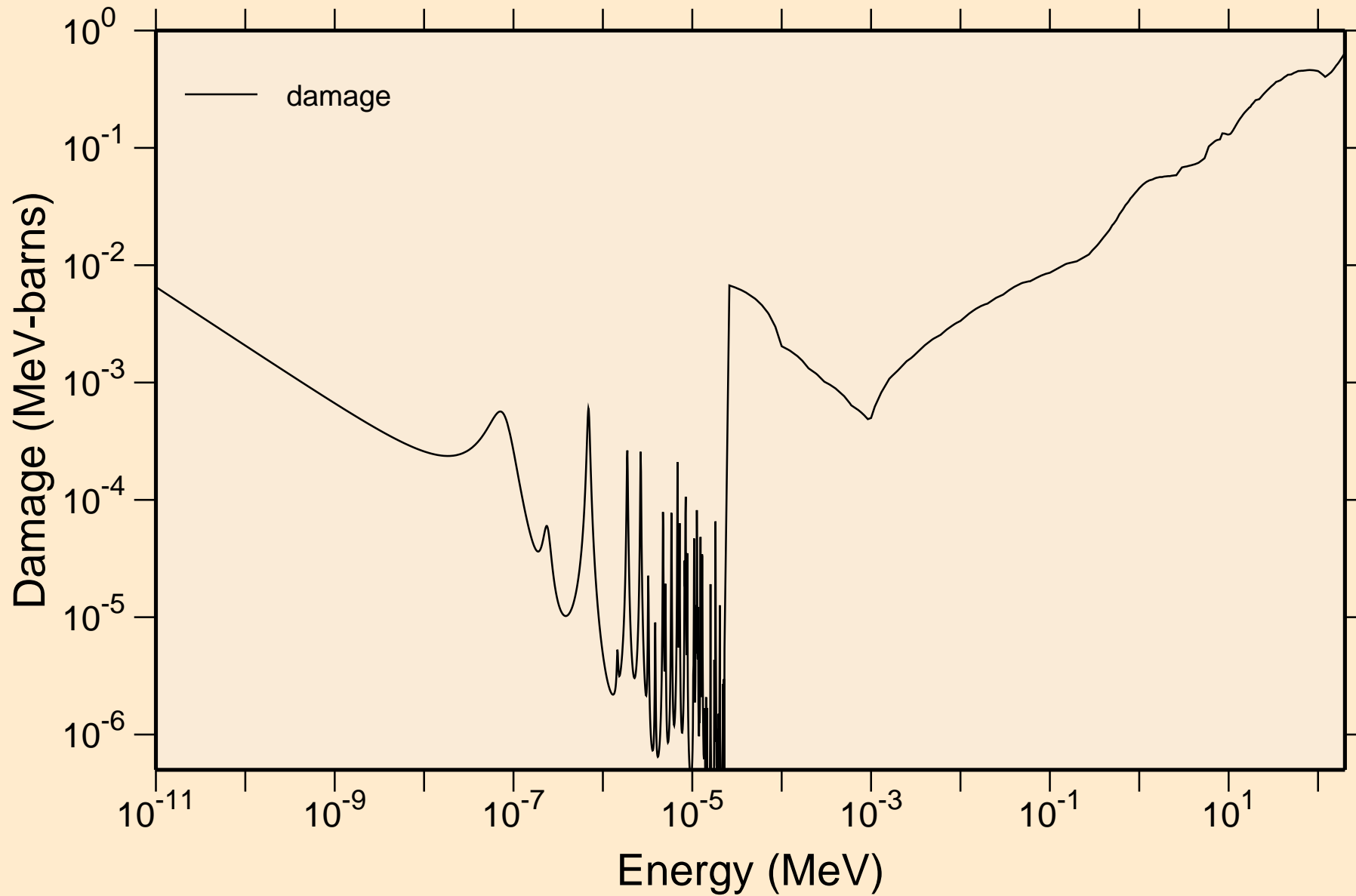


# TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

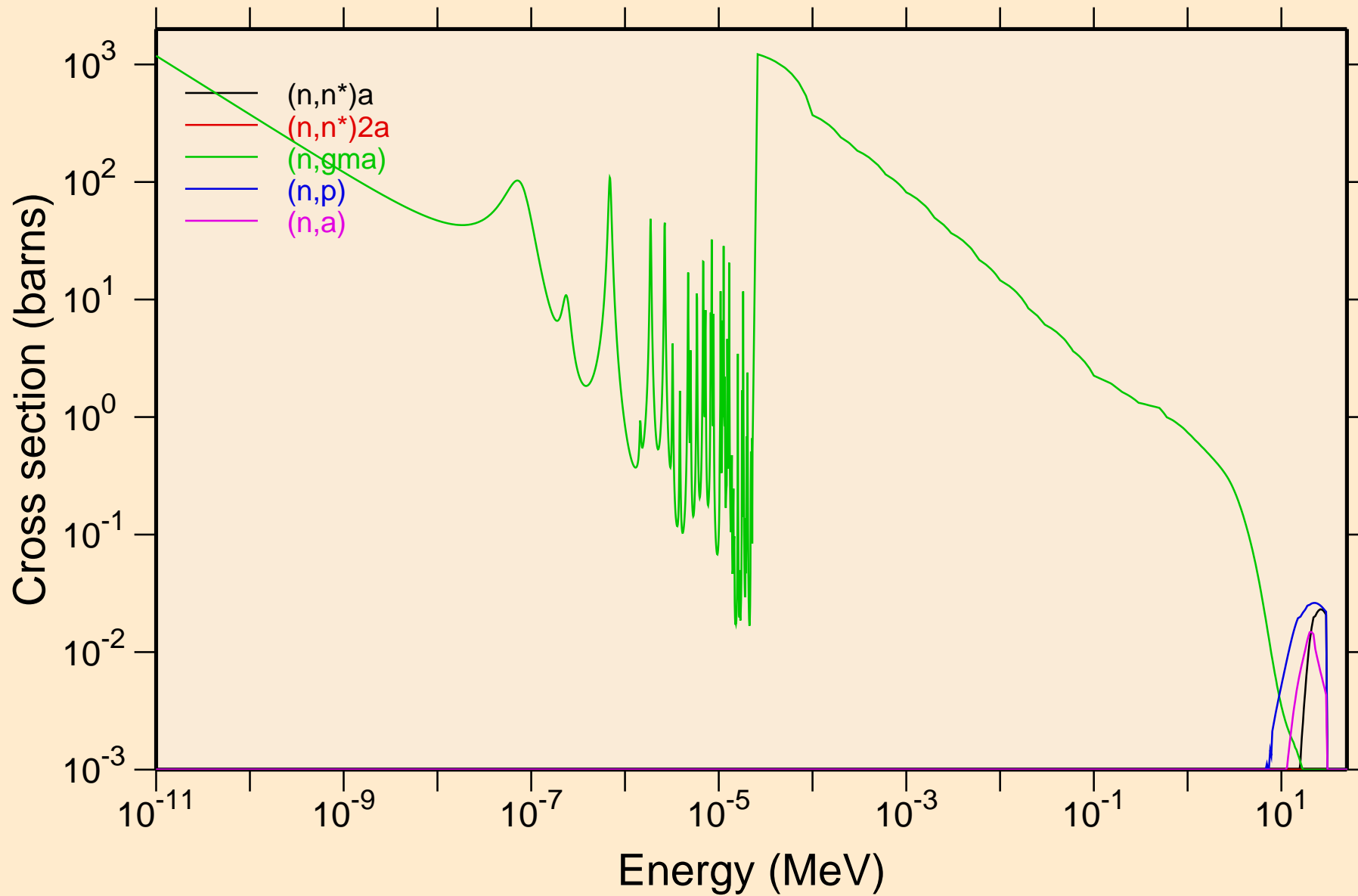
## Heating



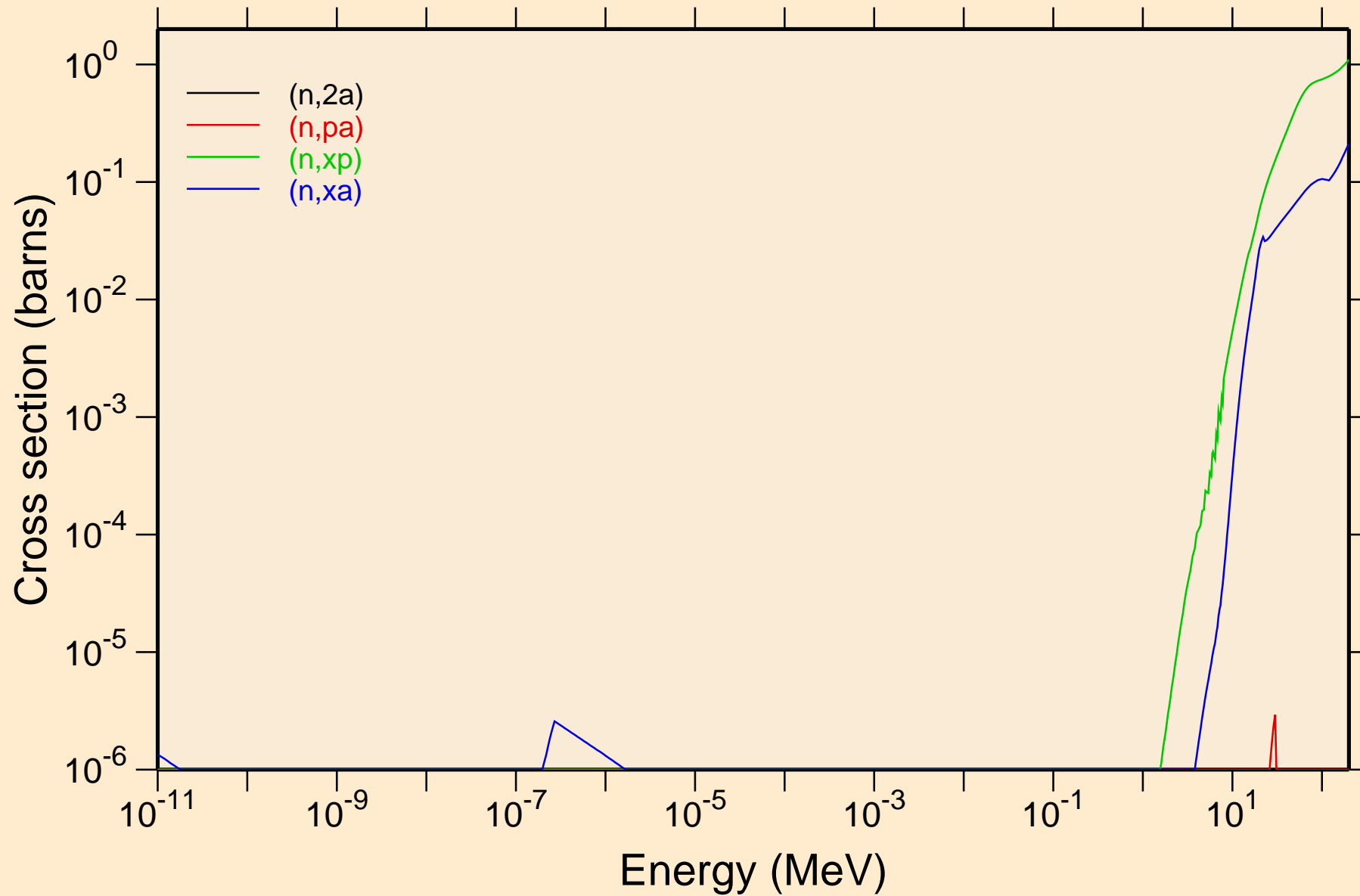
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

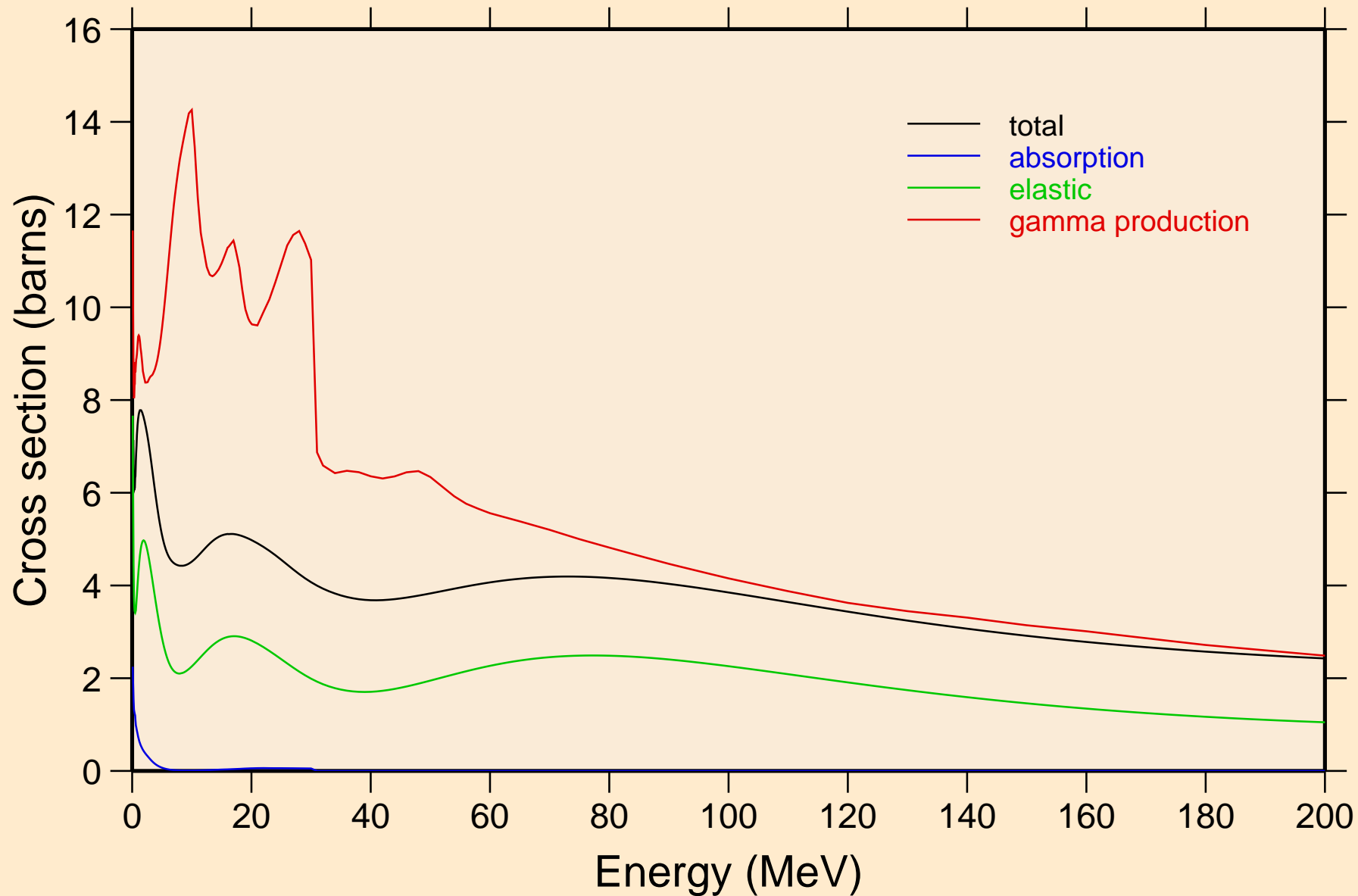


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



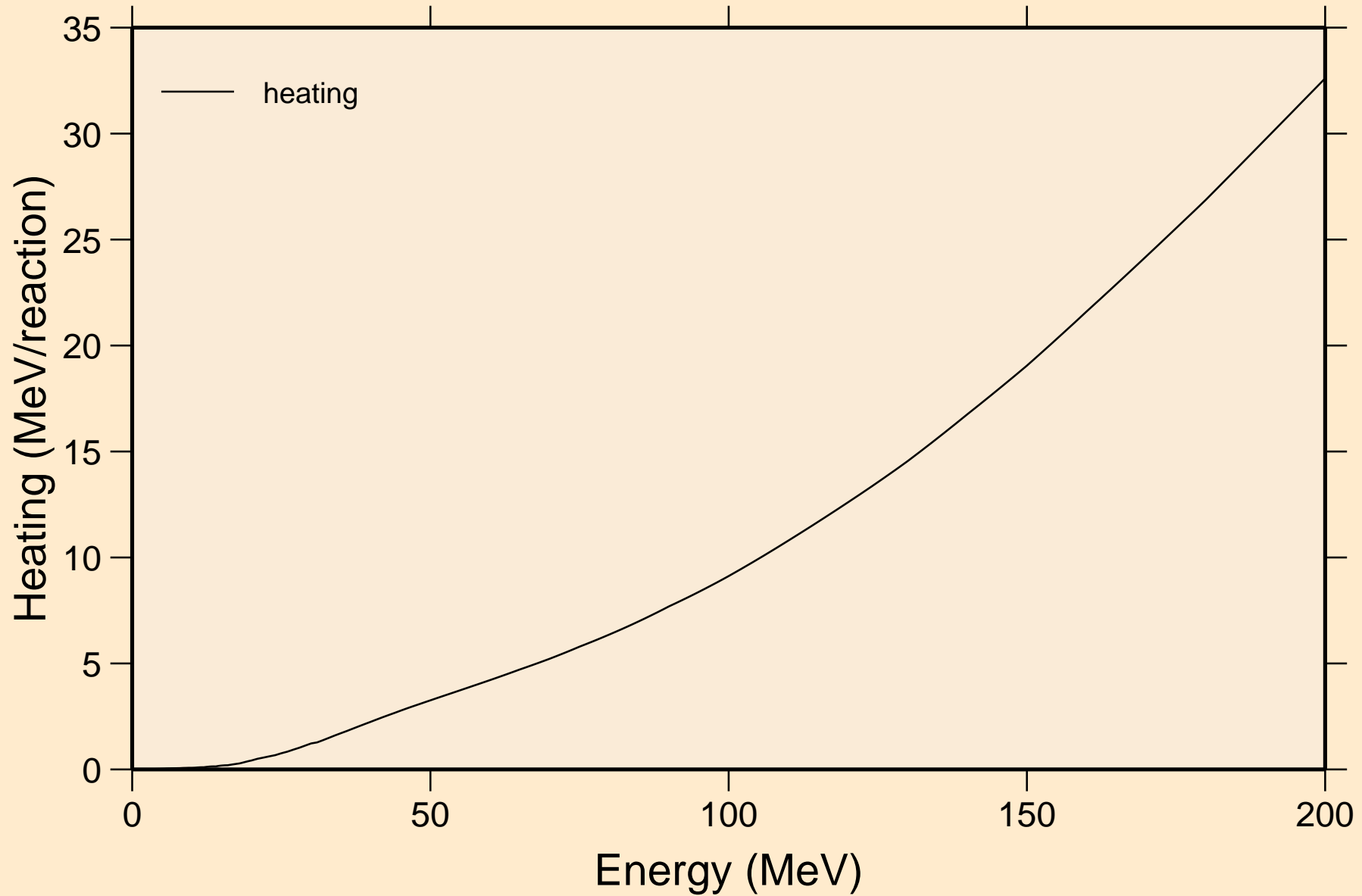
# TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

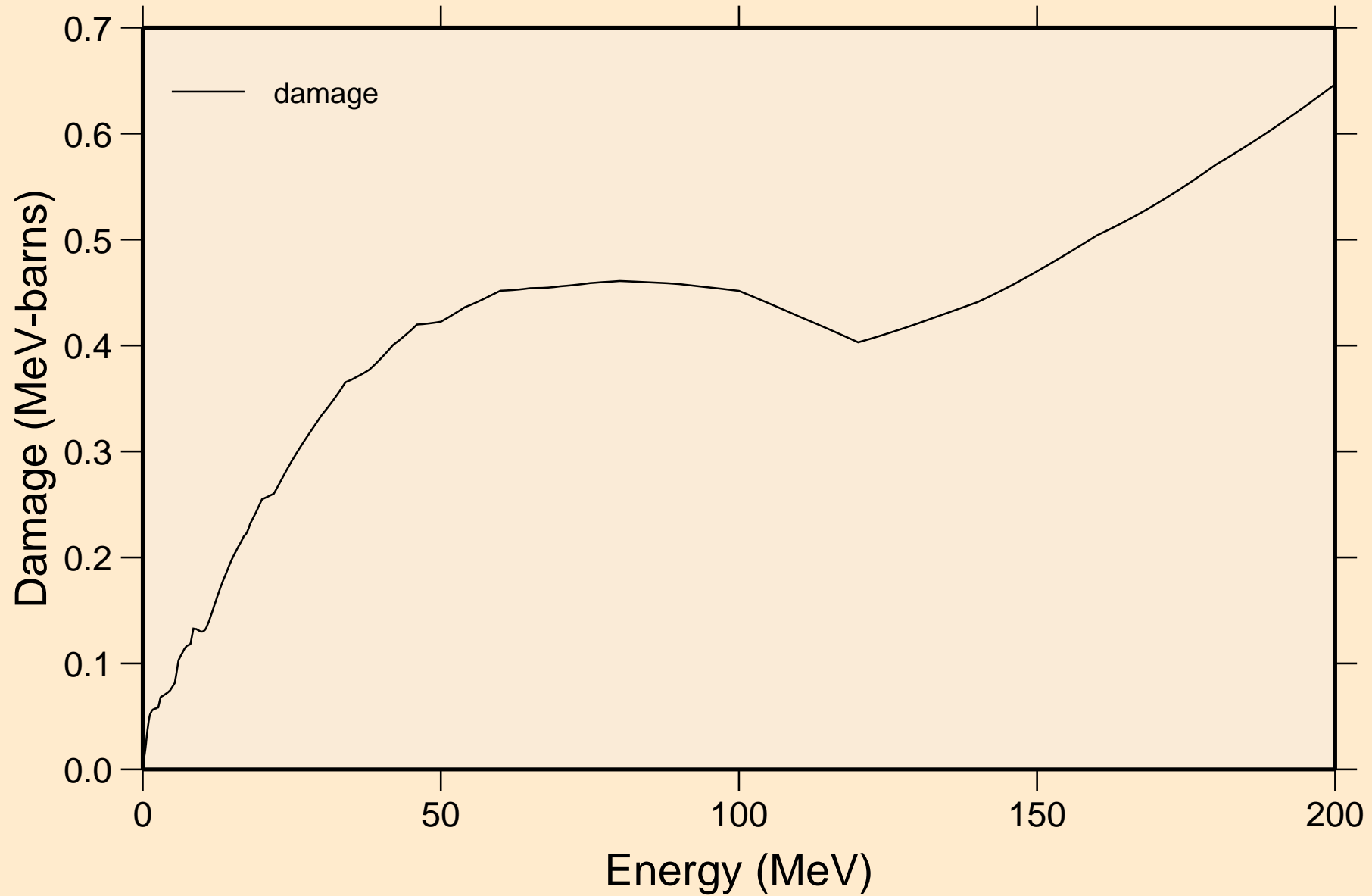


# TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

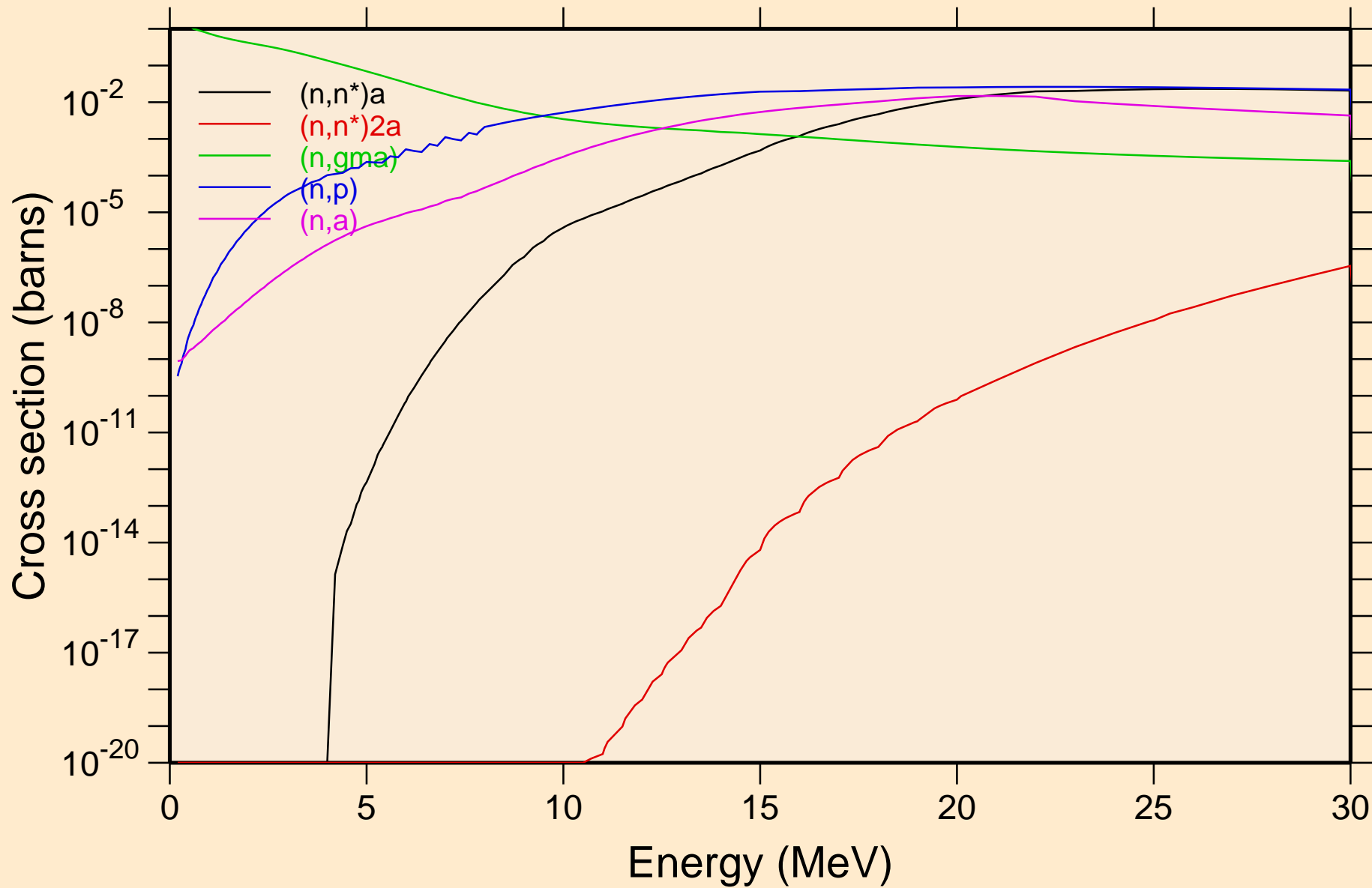


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

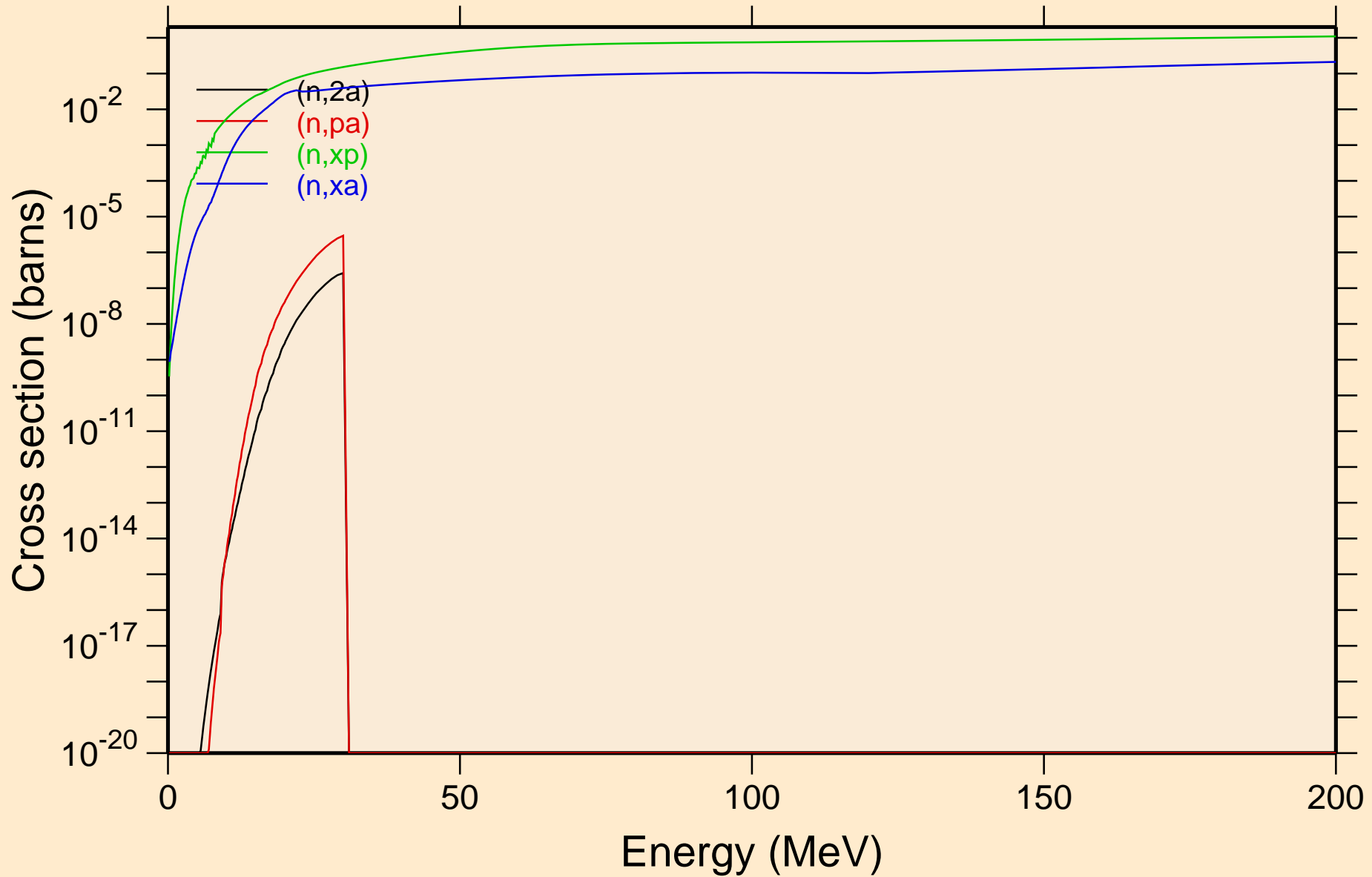




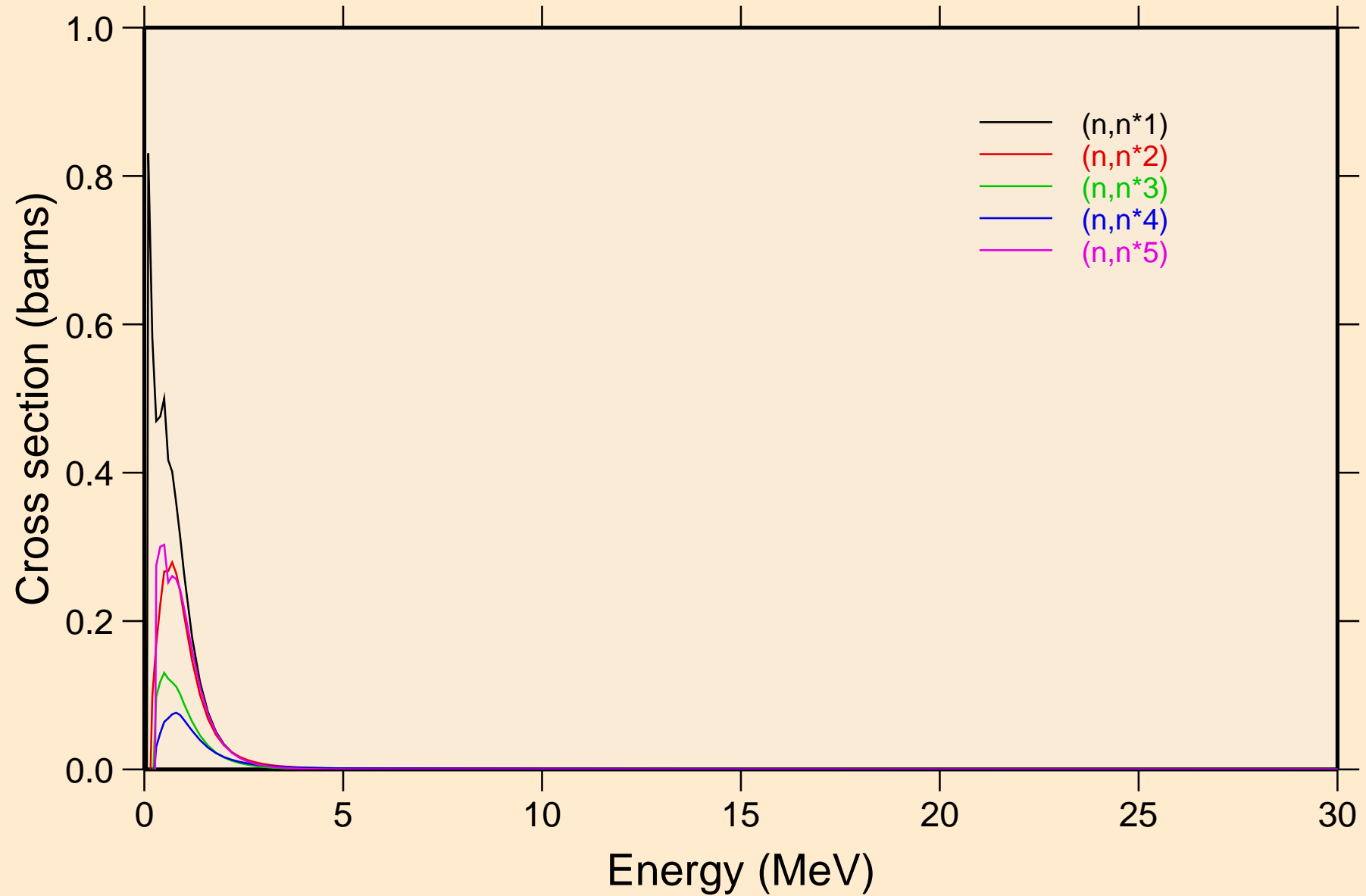
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



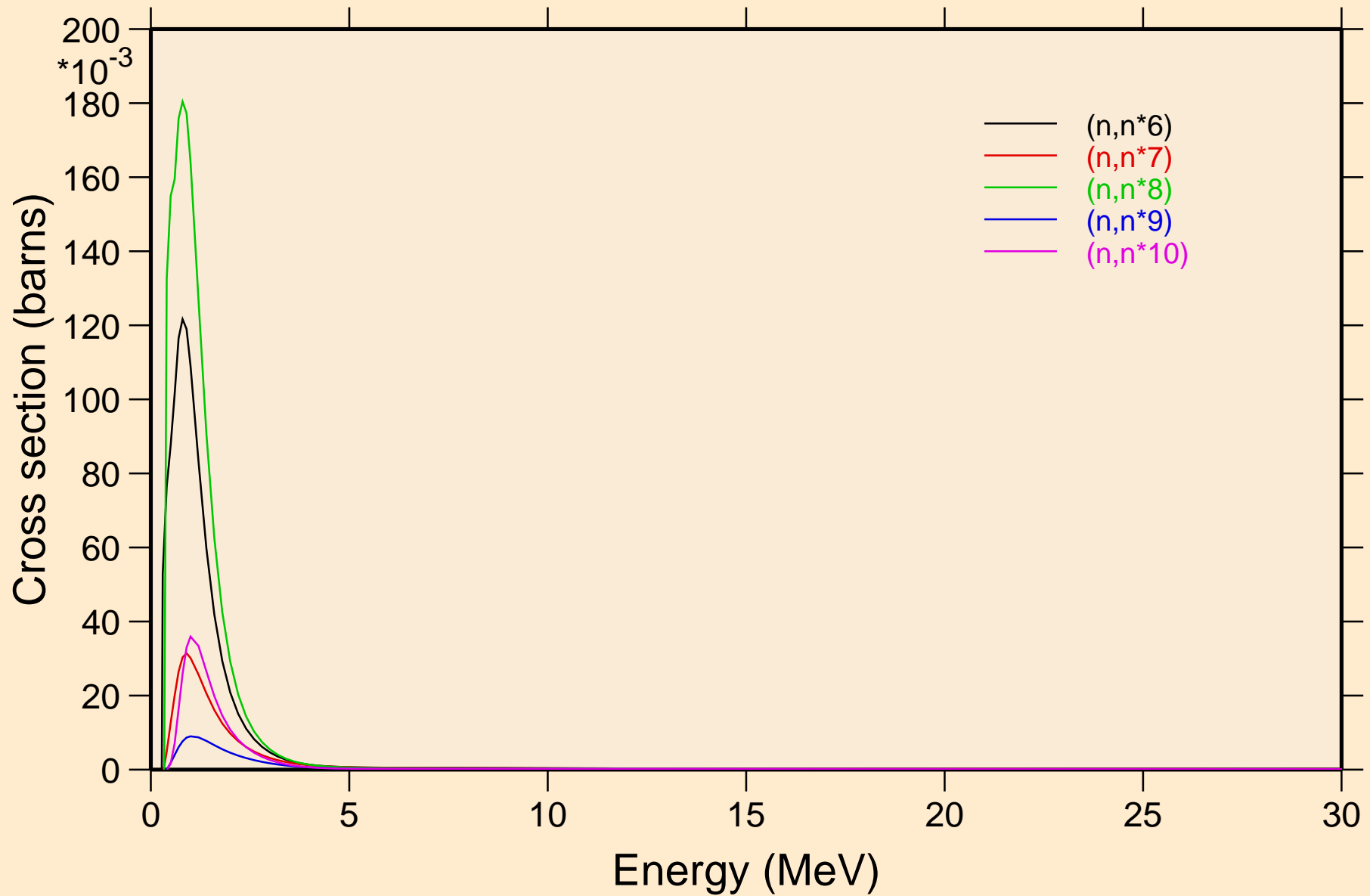
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



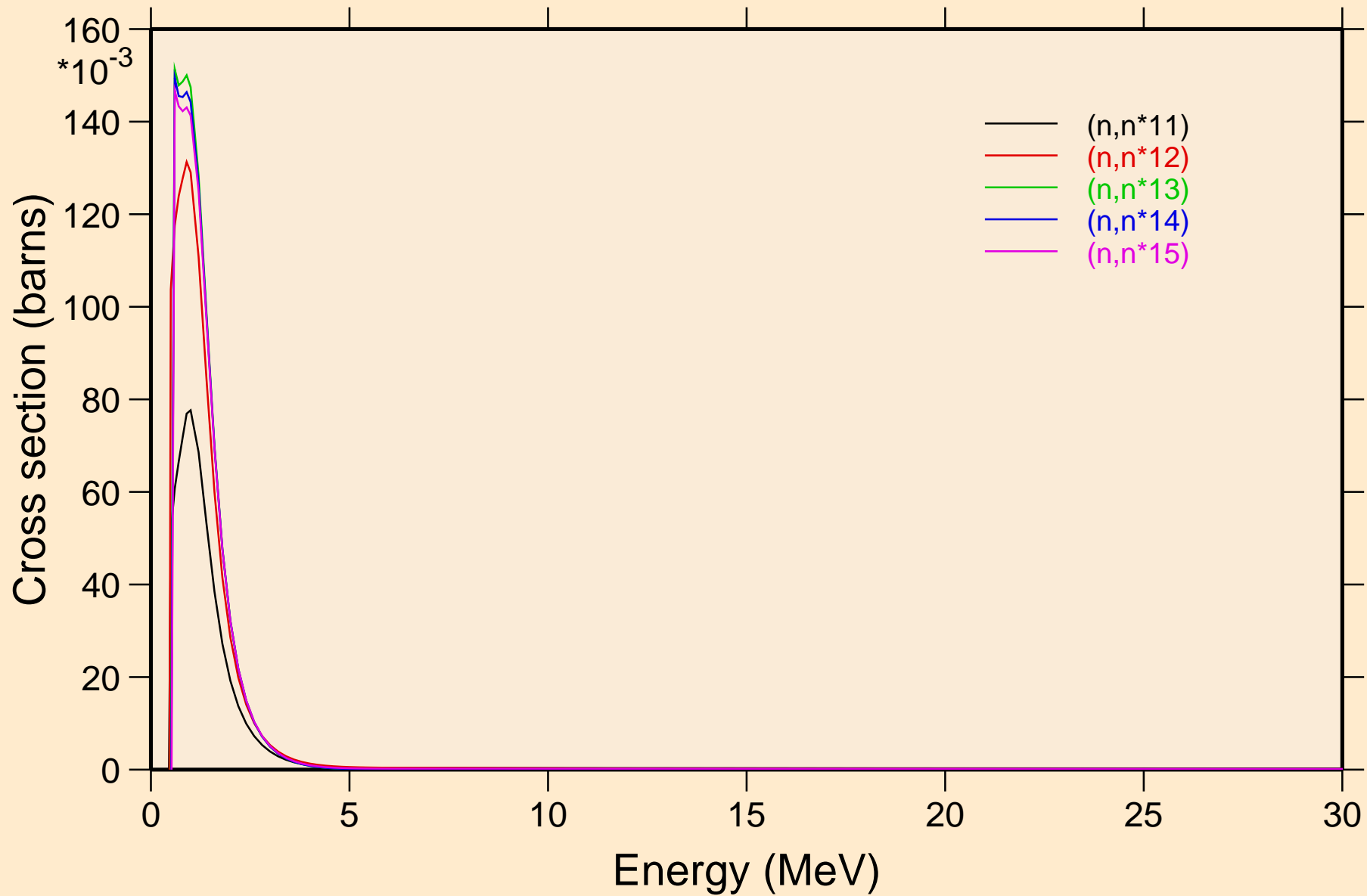
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



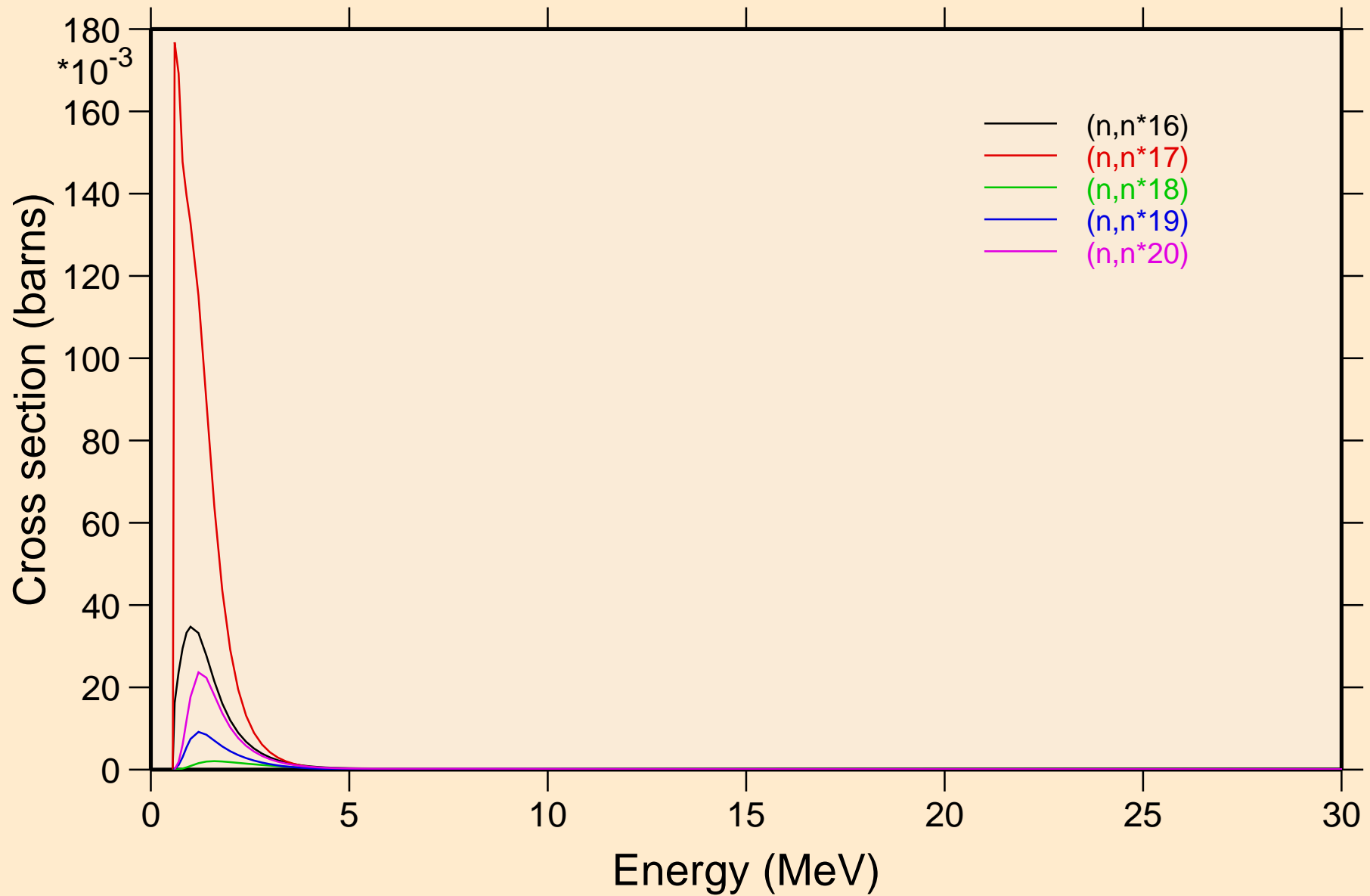
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



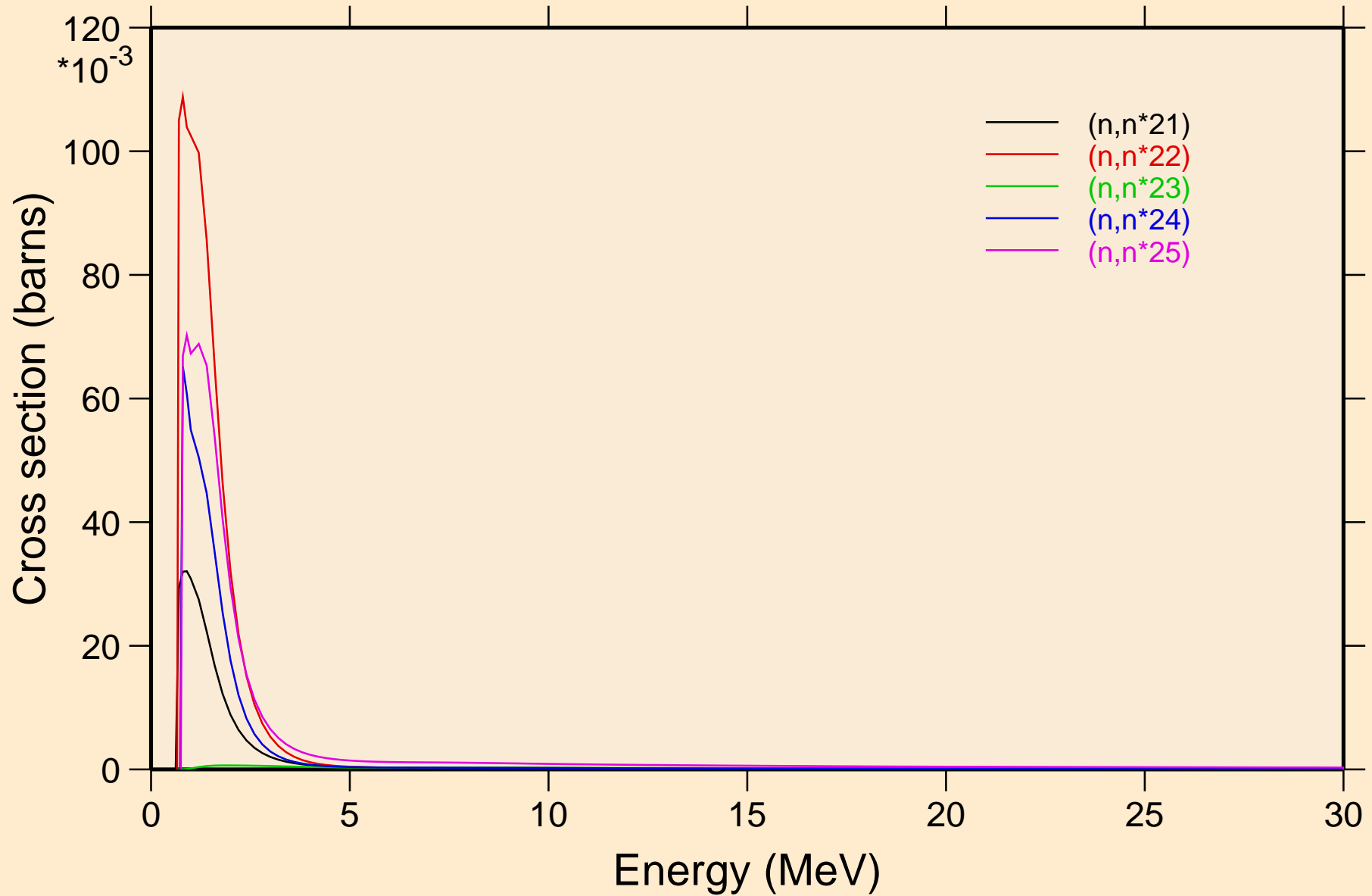
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



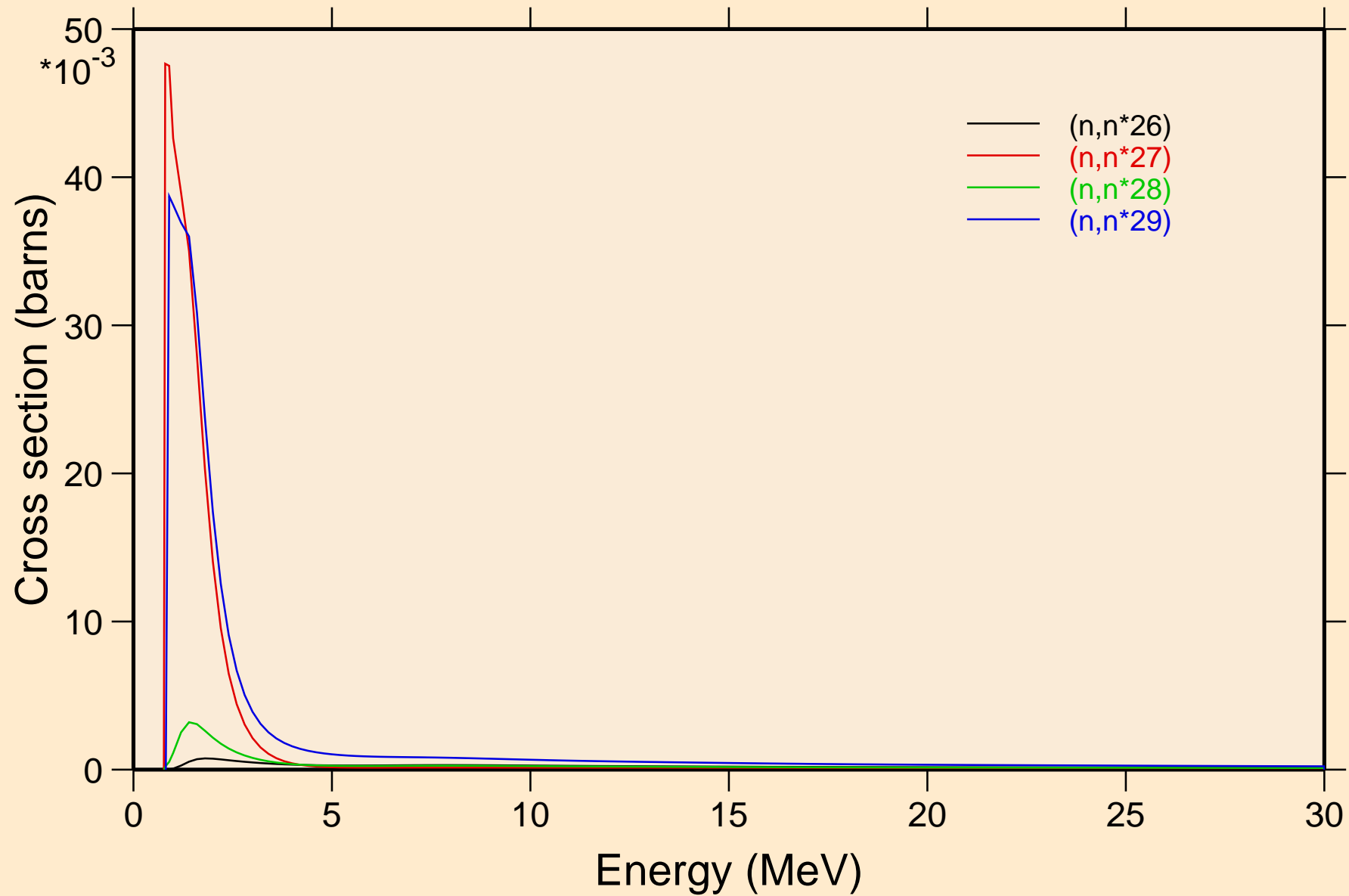
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



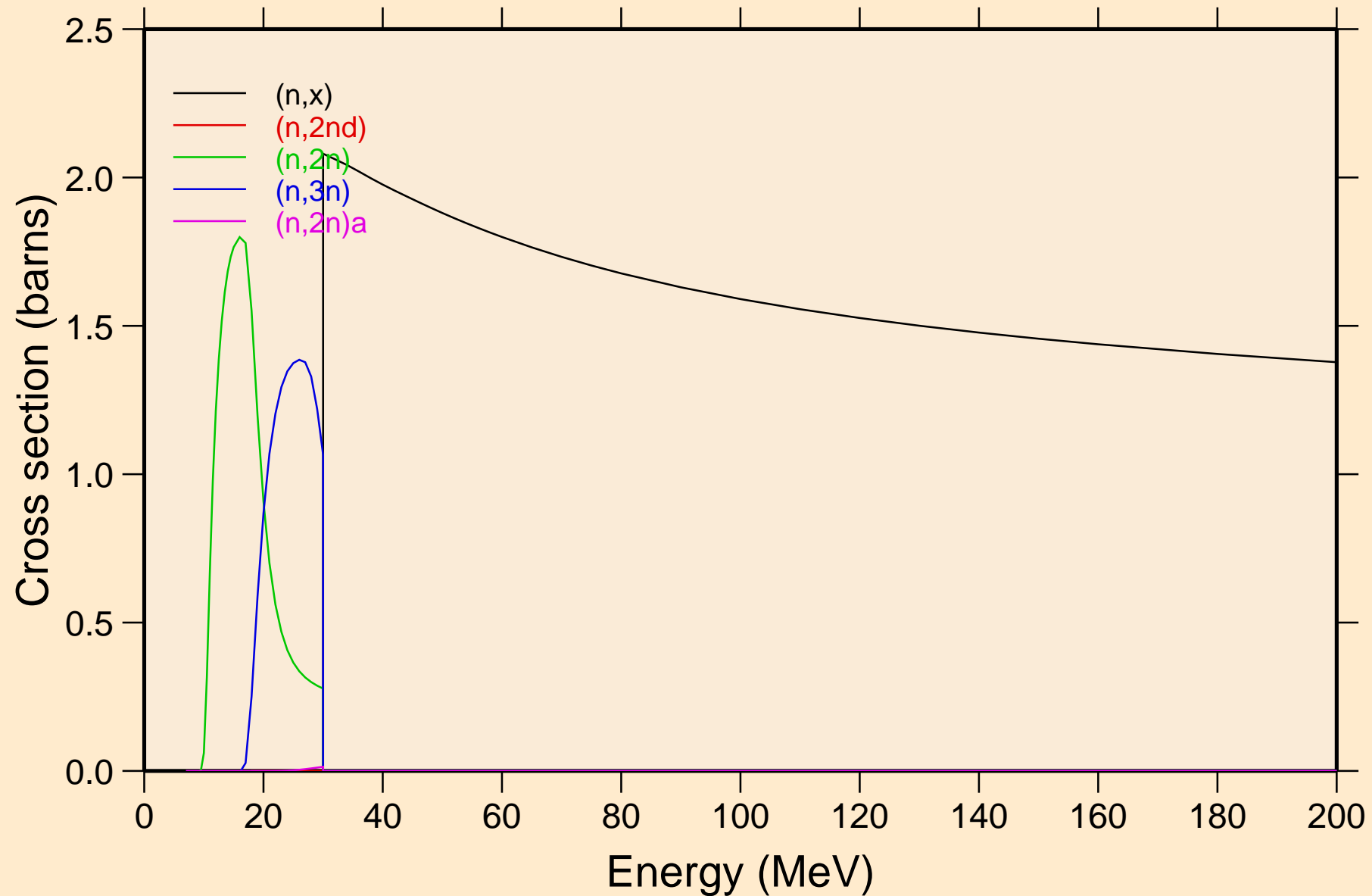
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



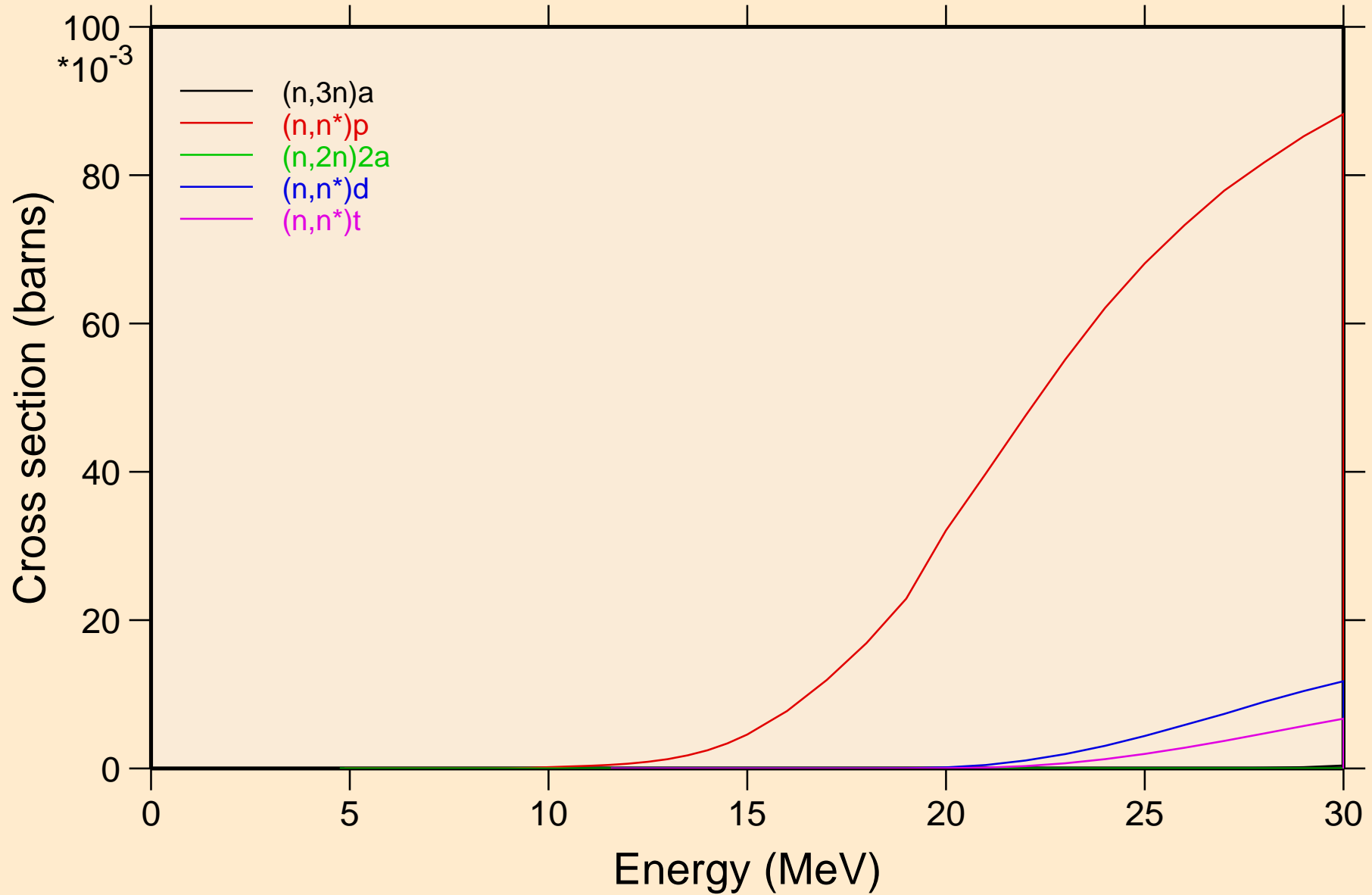


# TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

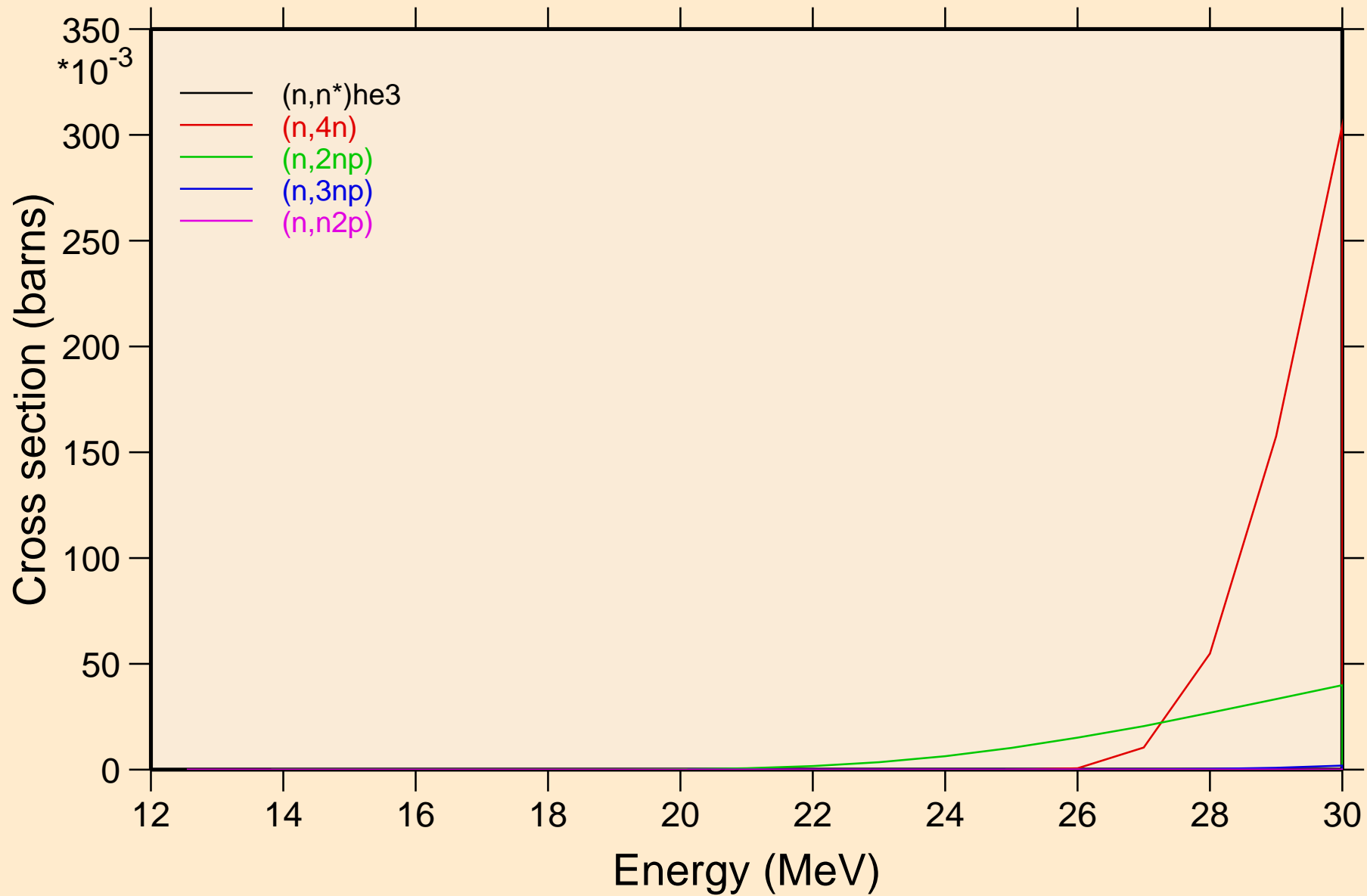


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

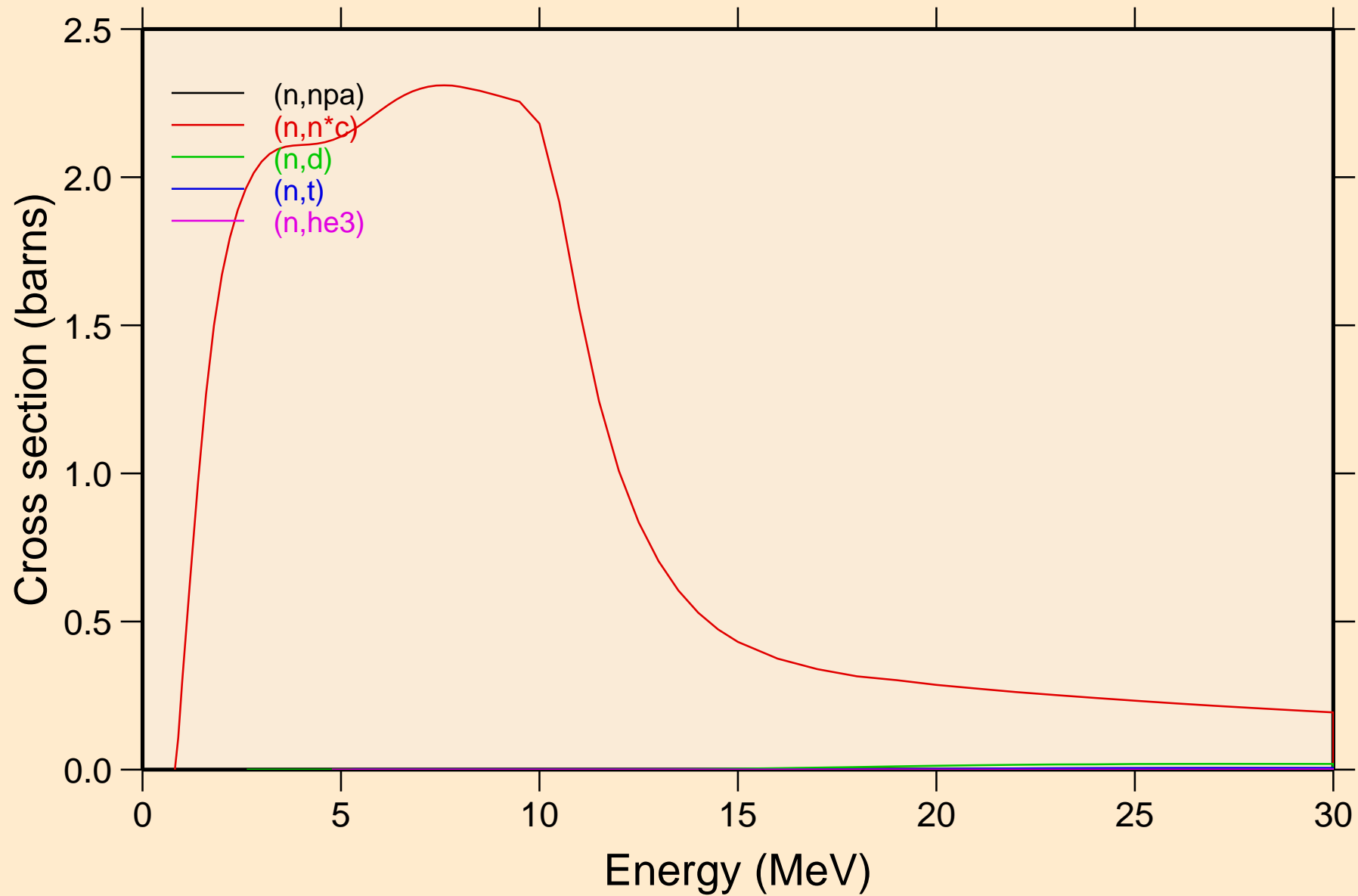


# TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

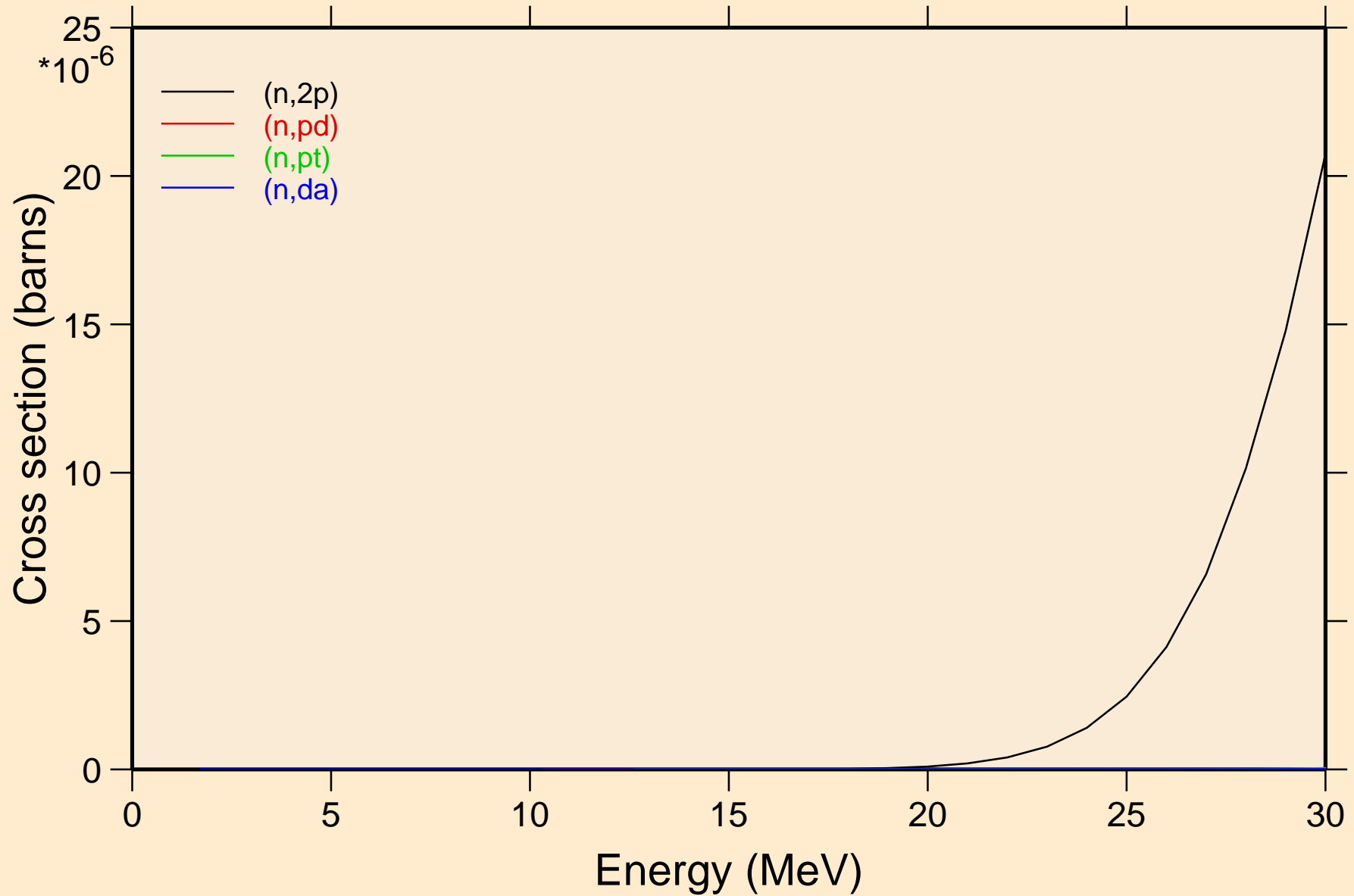
## Threshold reactions



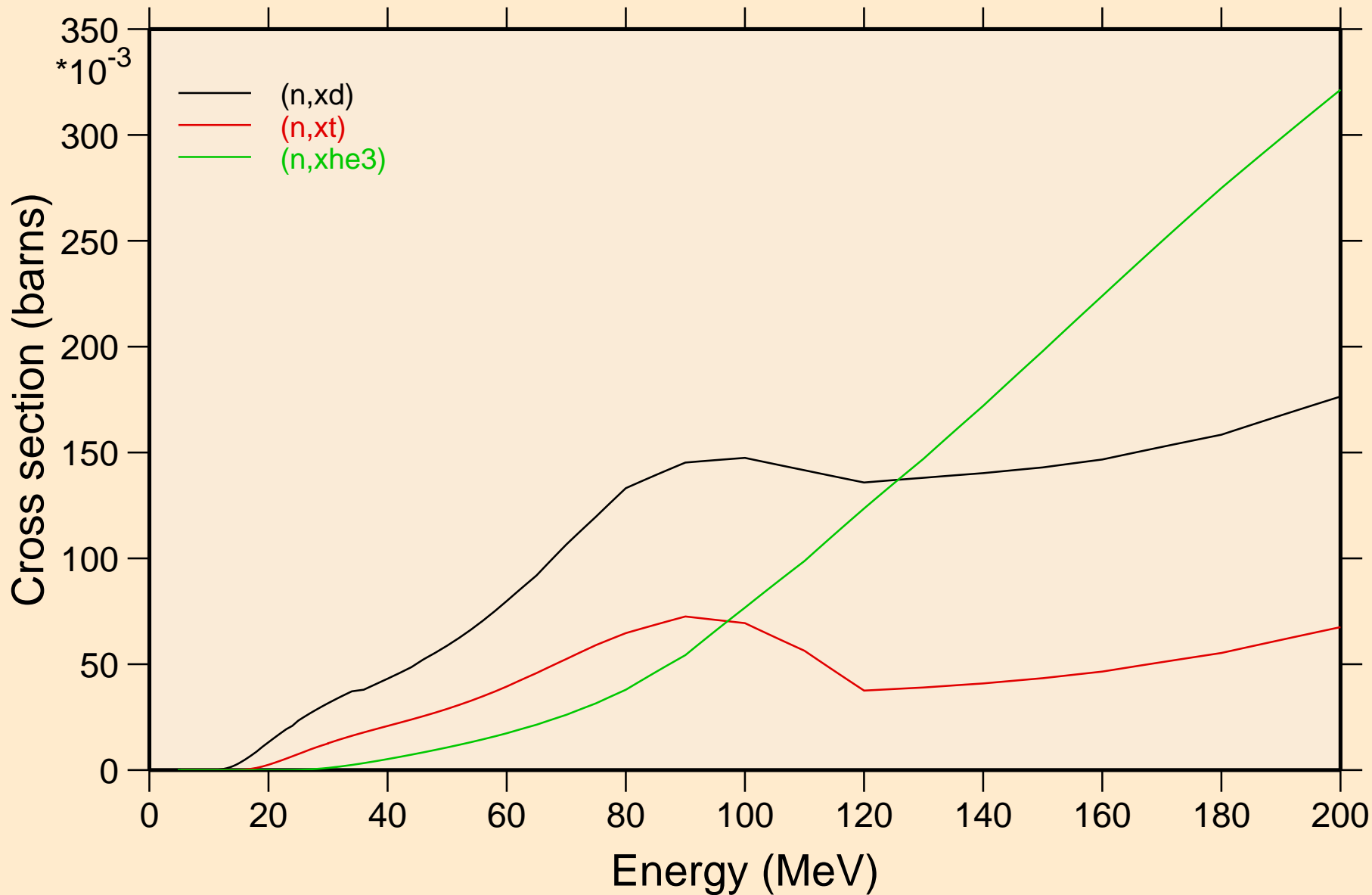
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



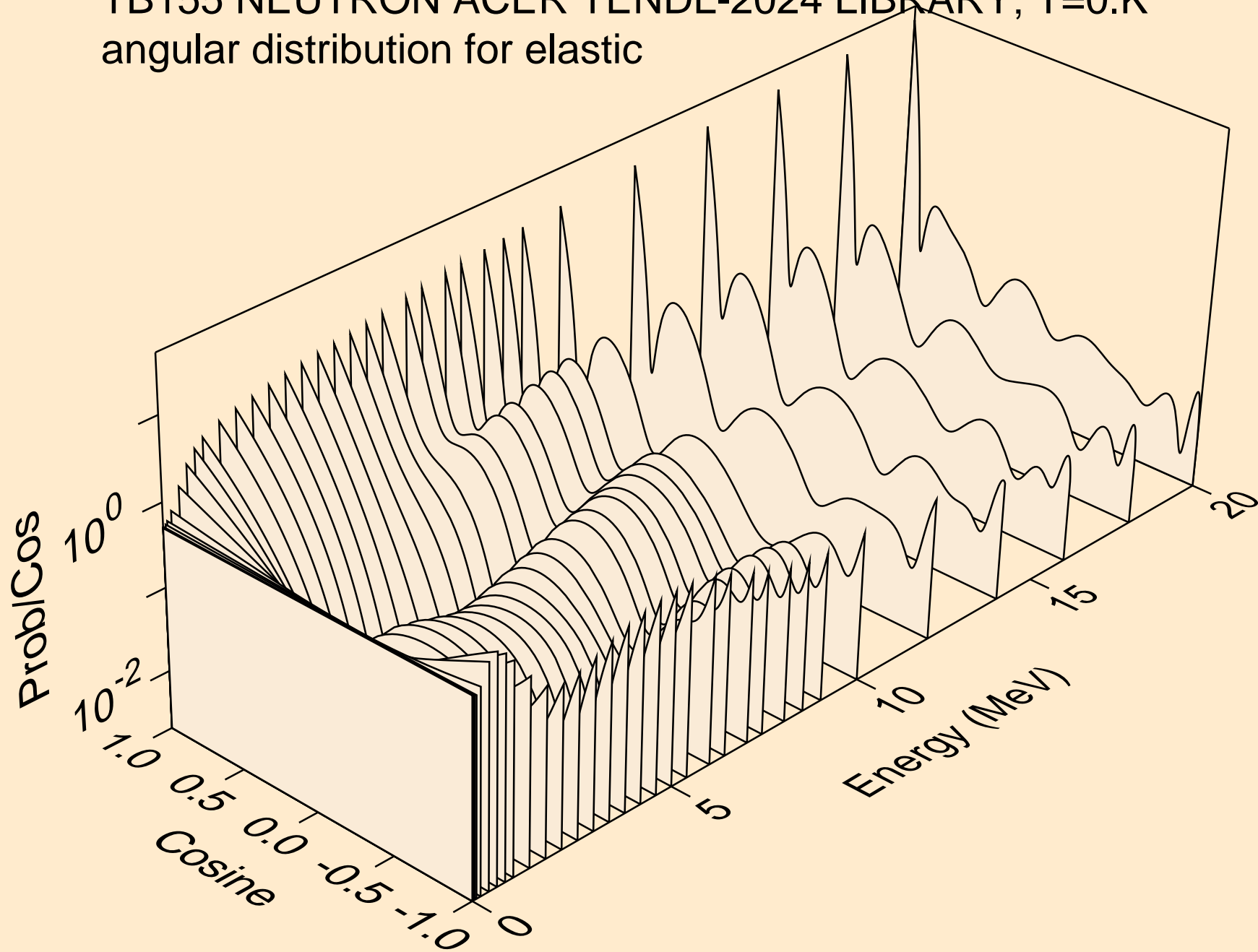
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



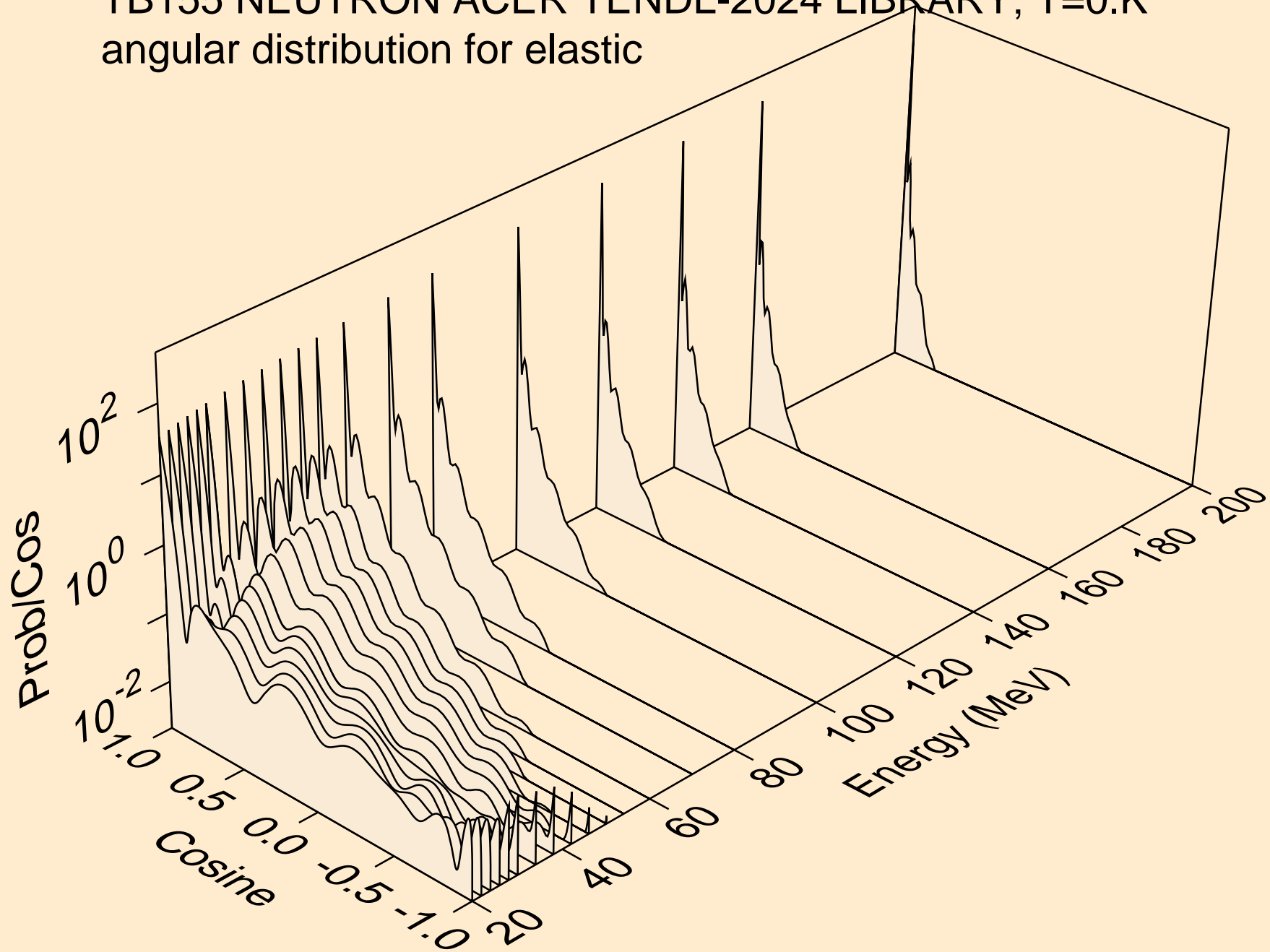
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

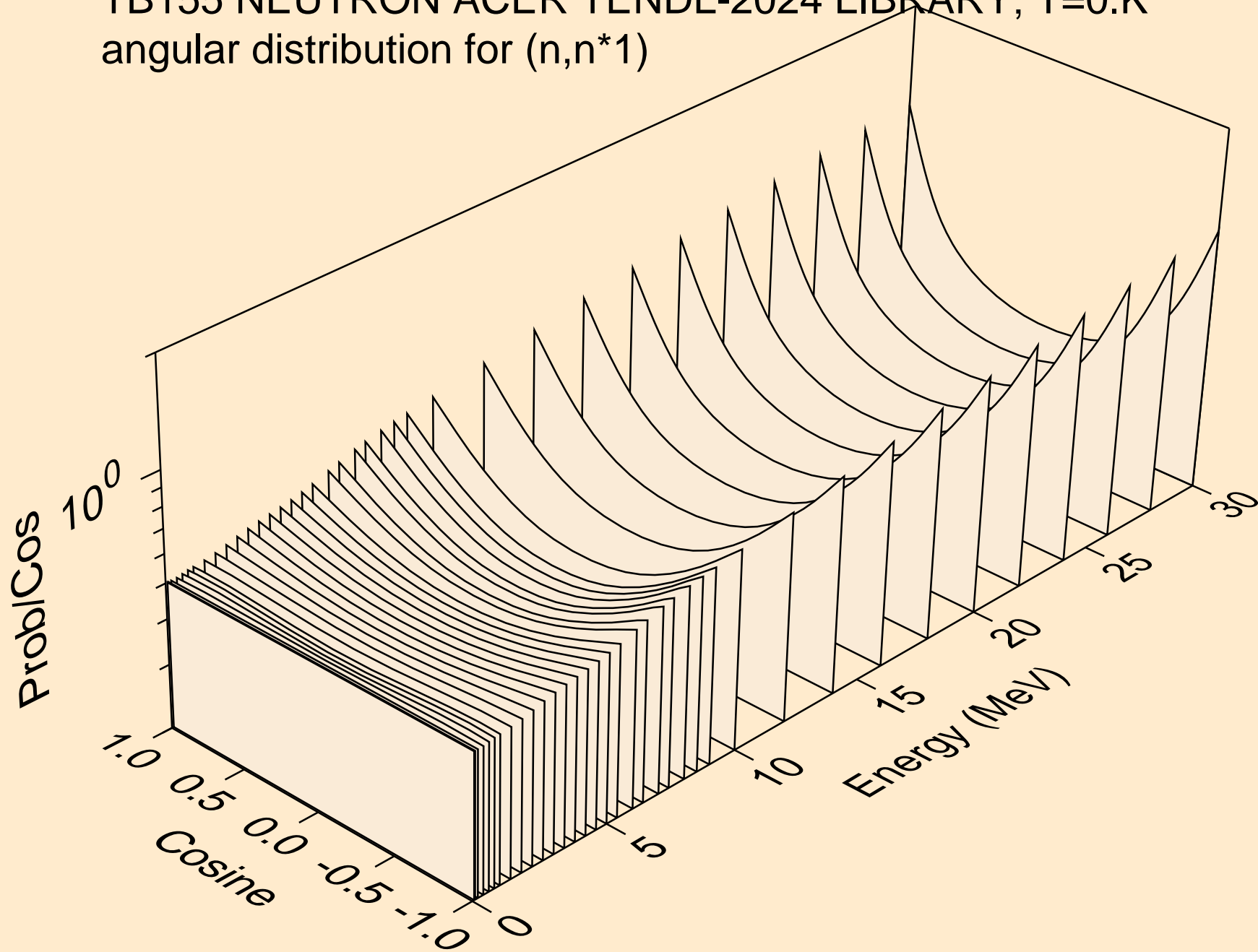


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

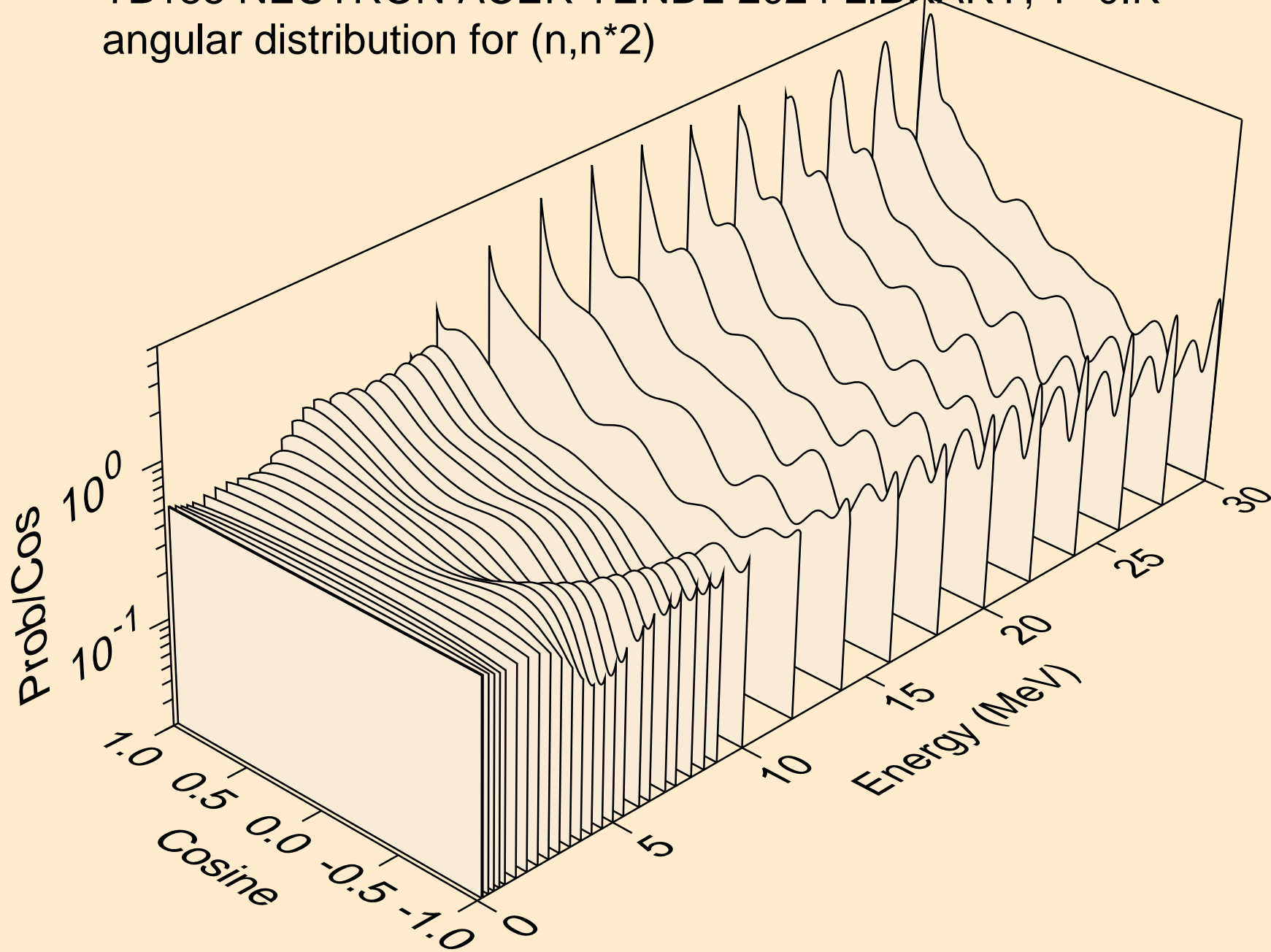




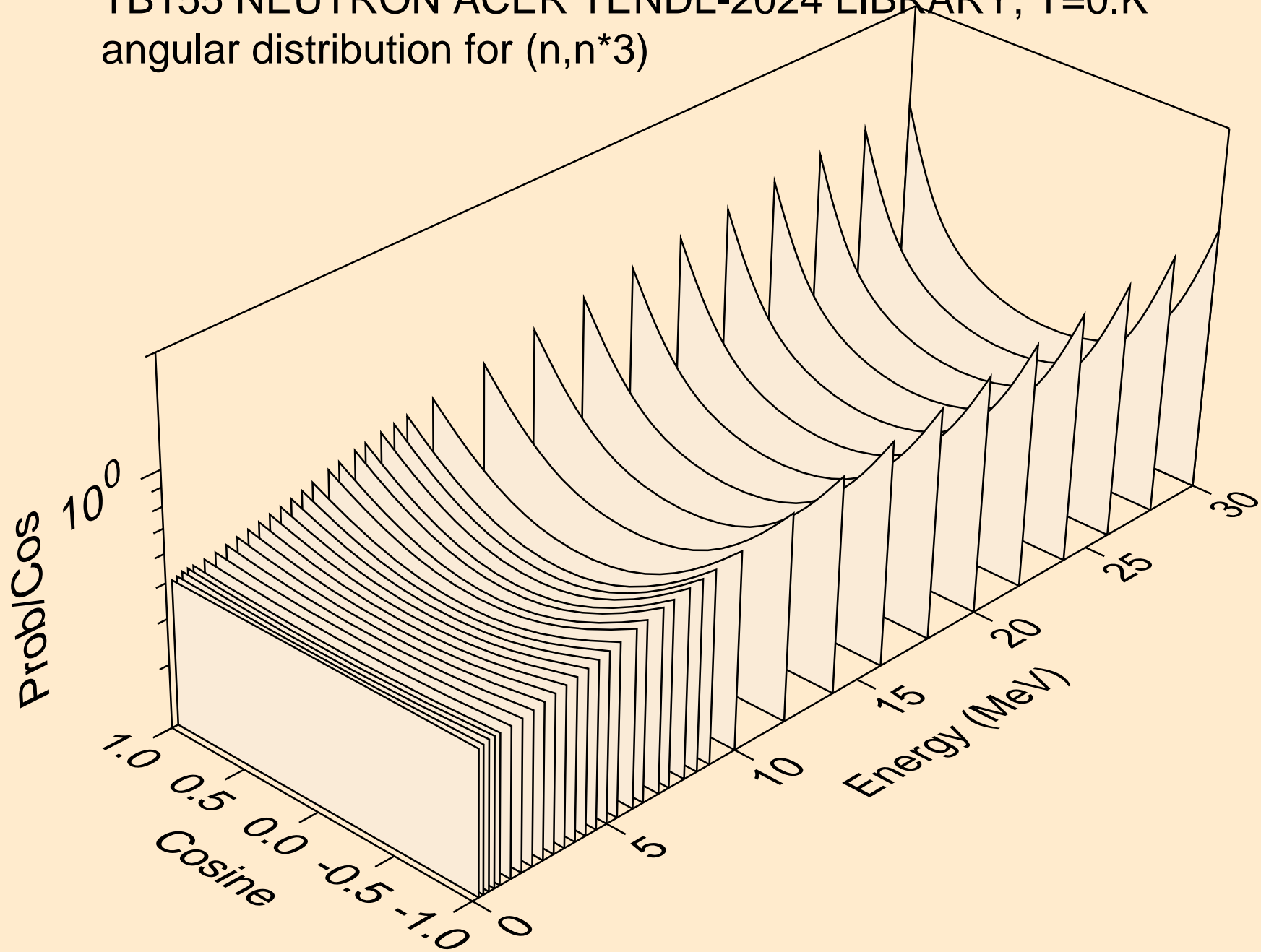
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



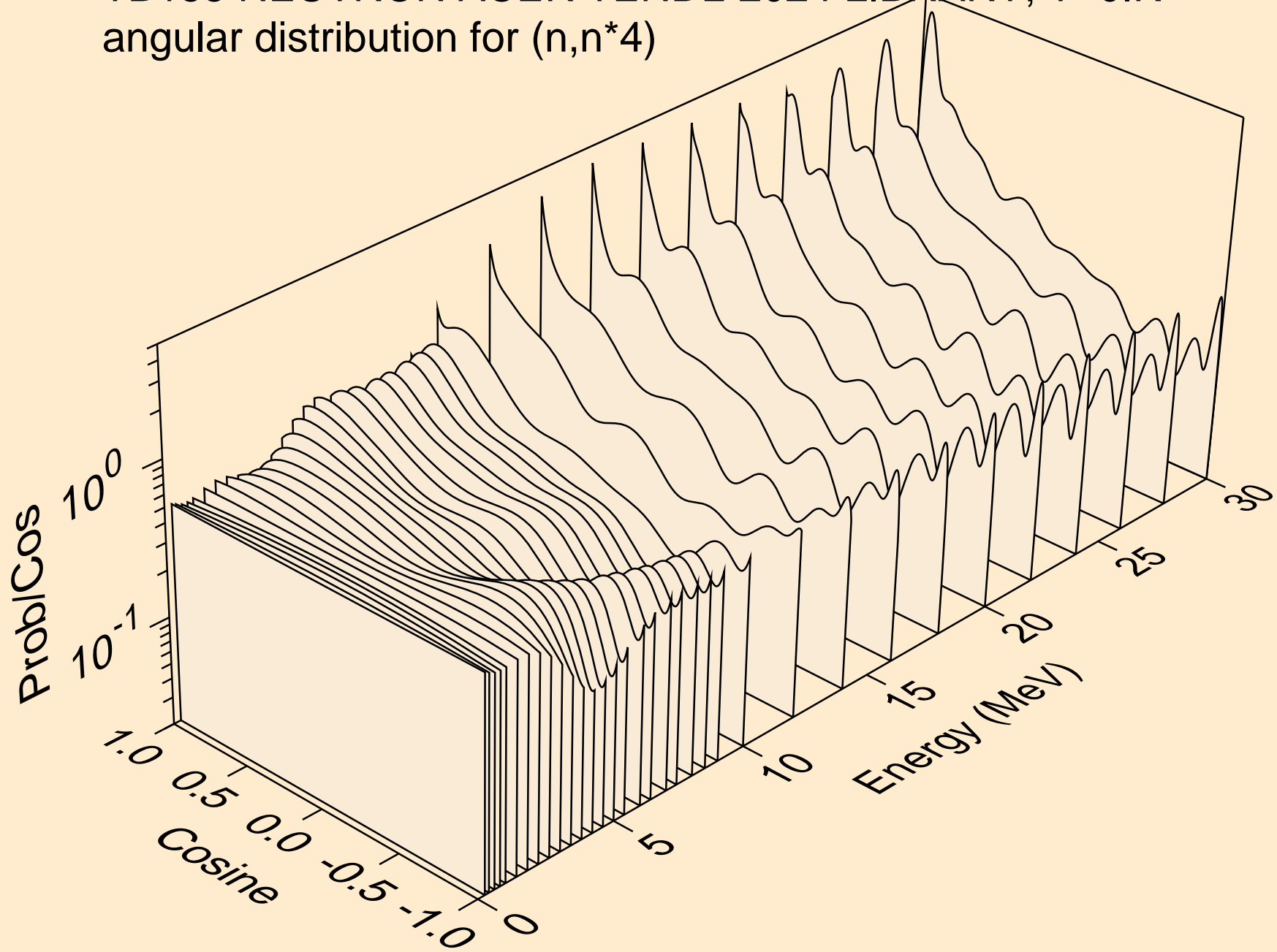
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angular distribution for (n,n\*2)



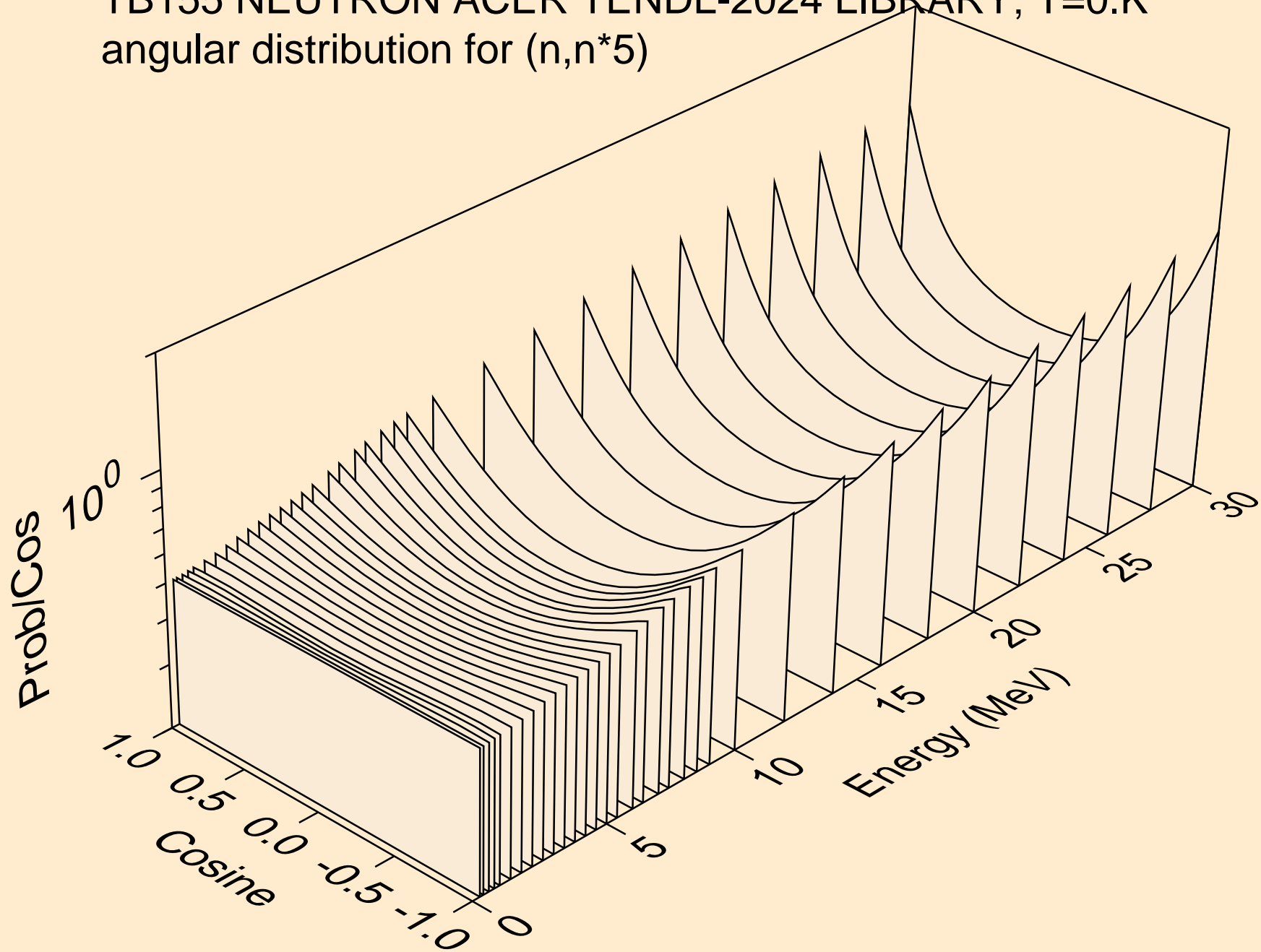
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angular distribution for (n,n\*3)



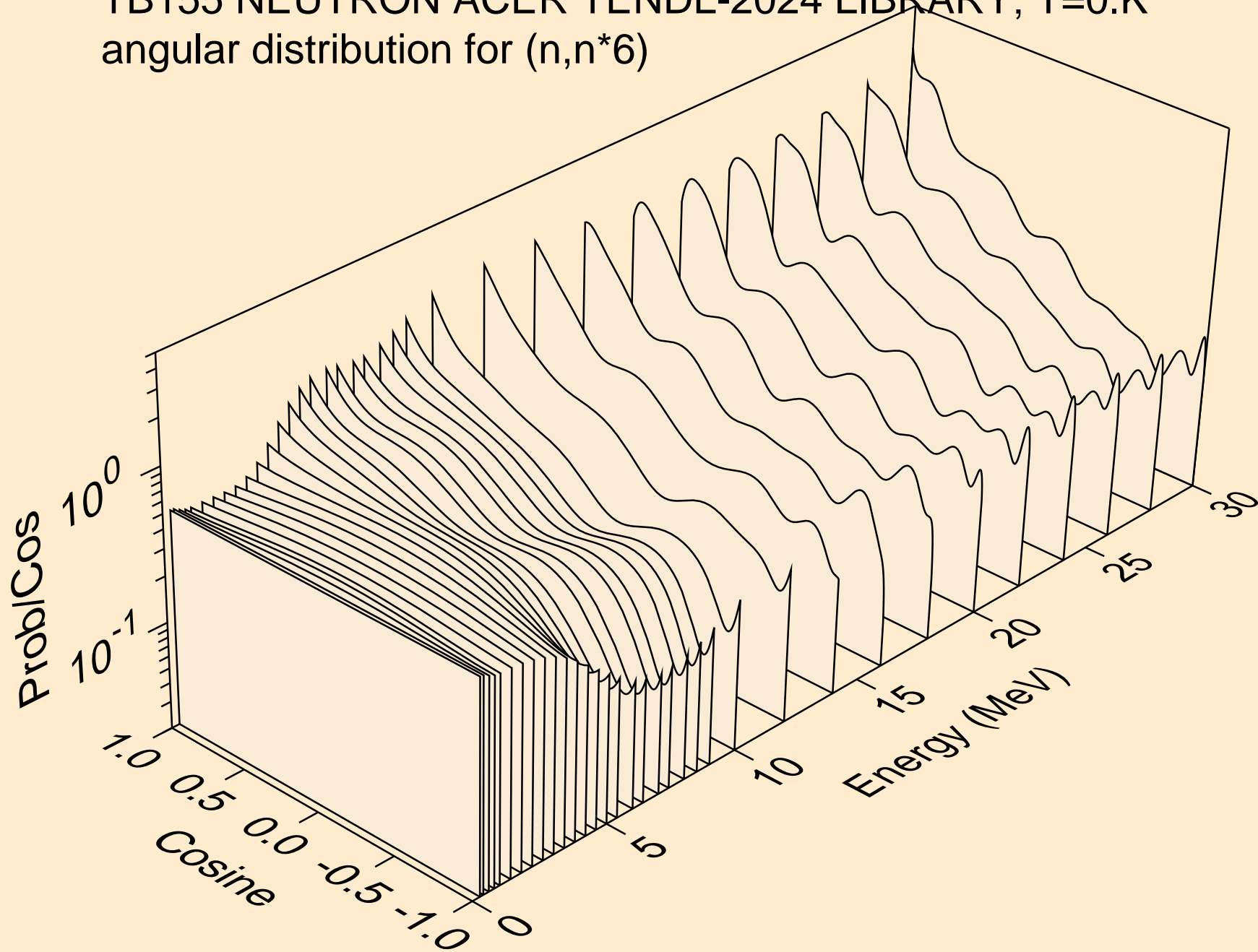
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angular distribution for (n,n\*4)



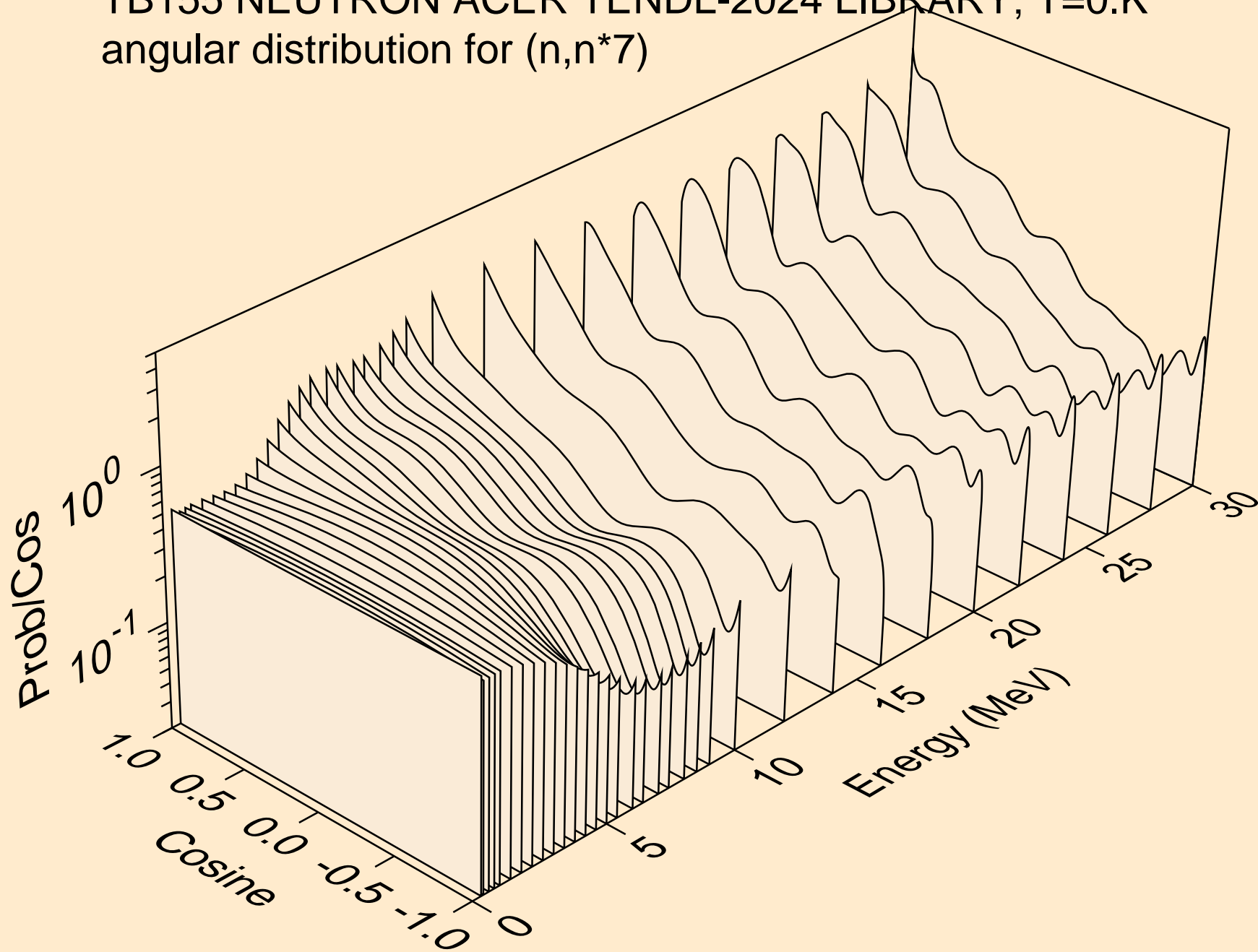
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



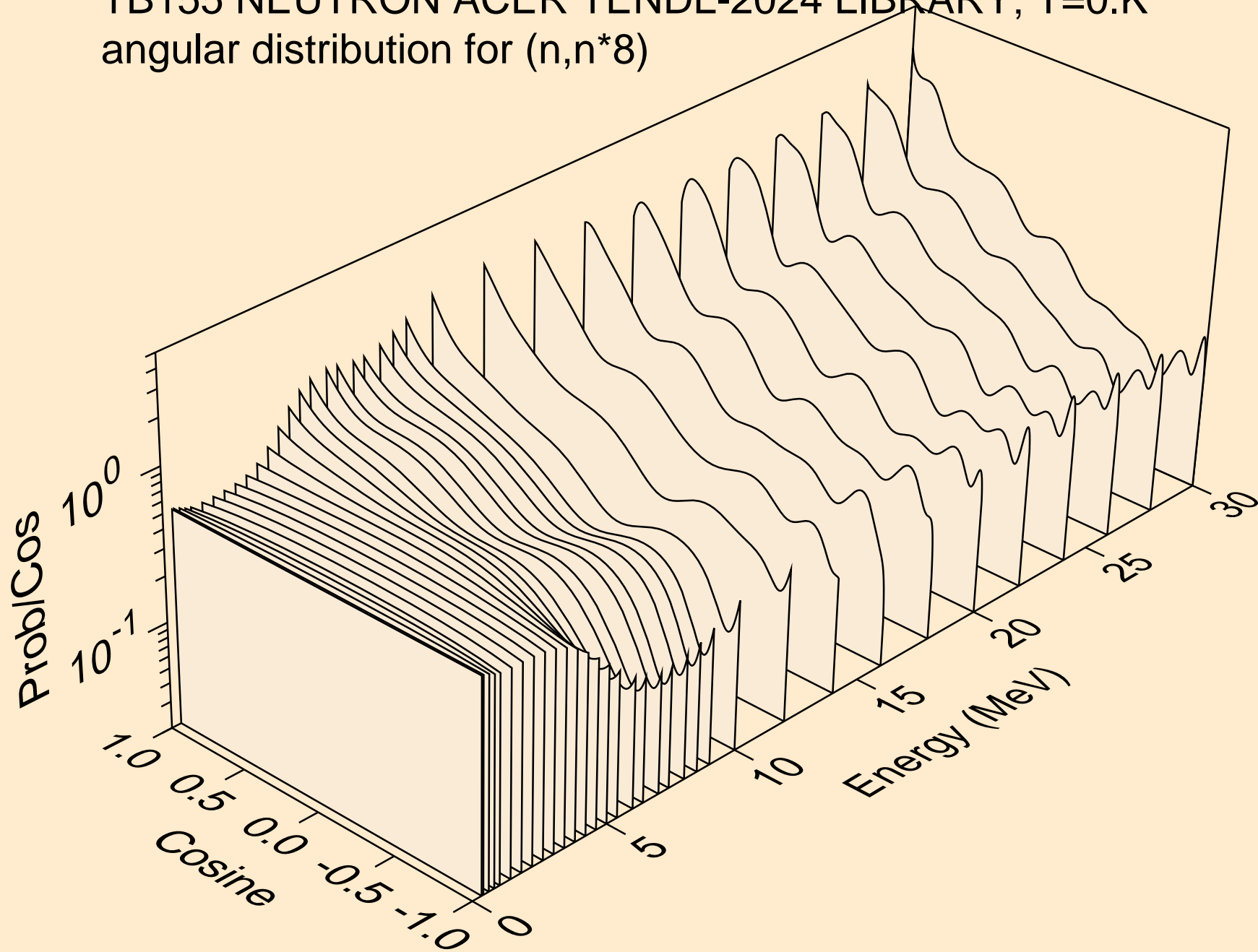
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

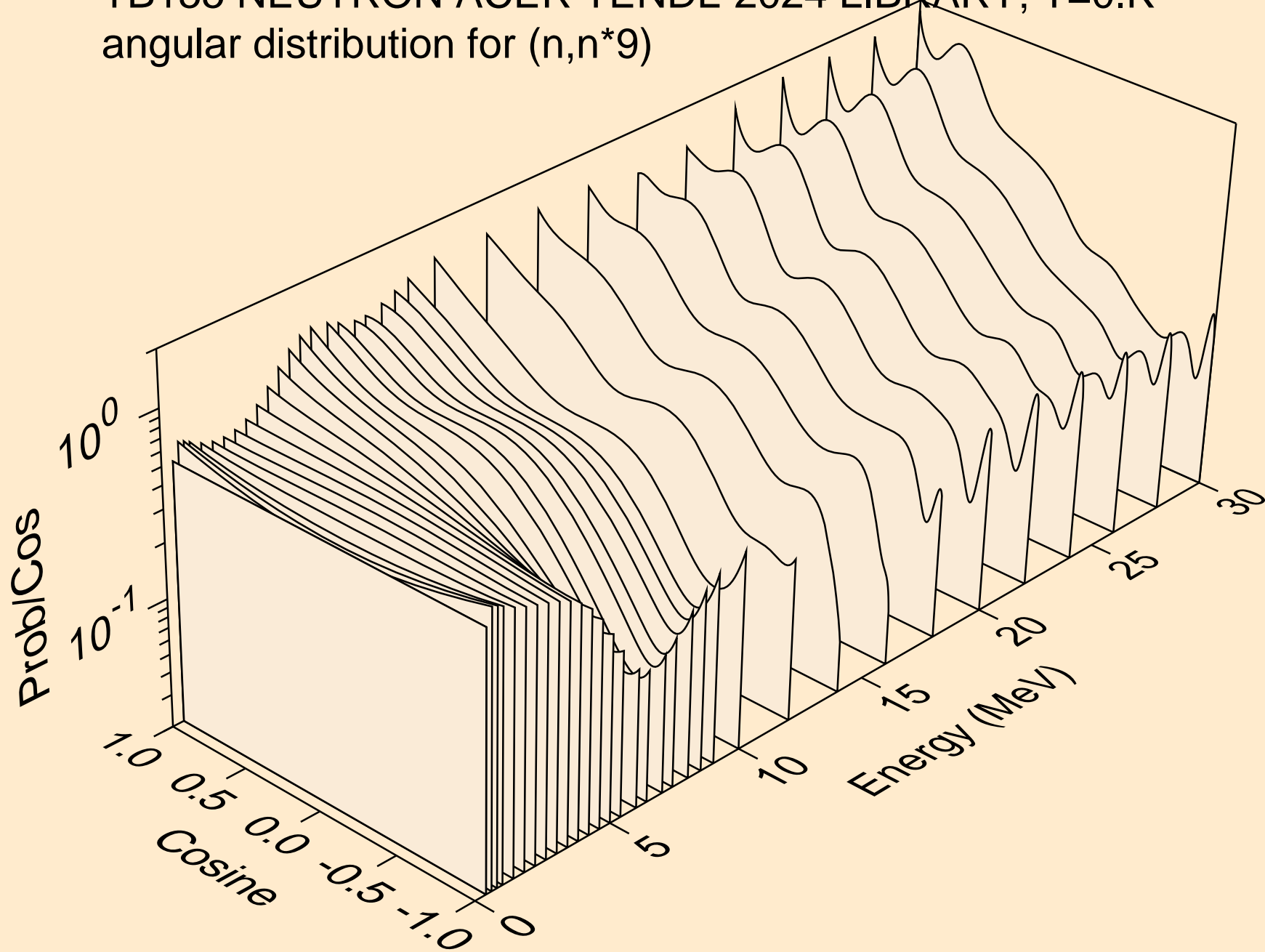


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

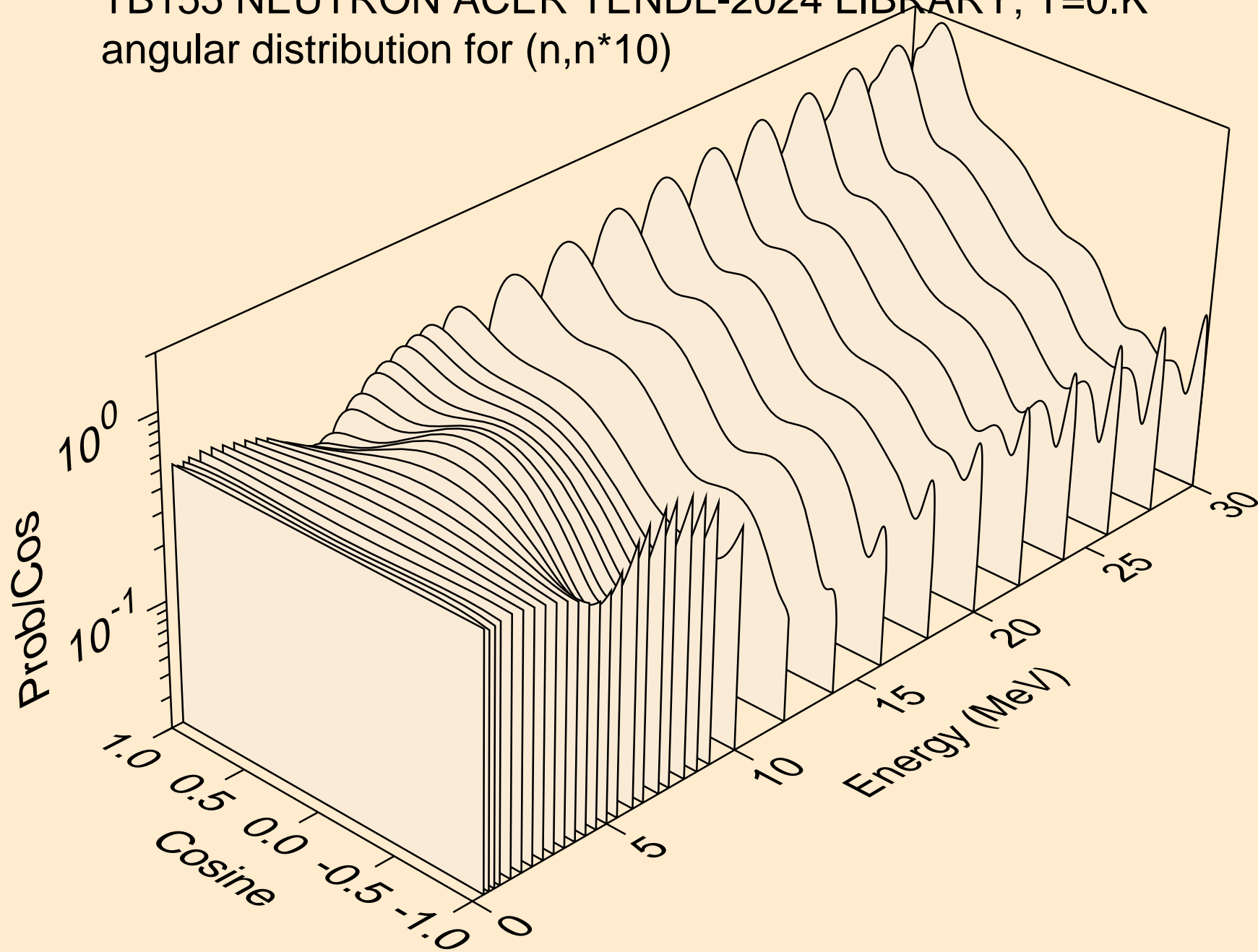




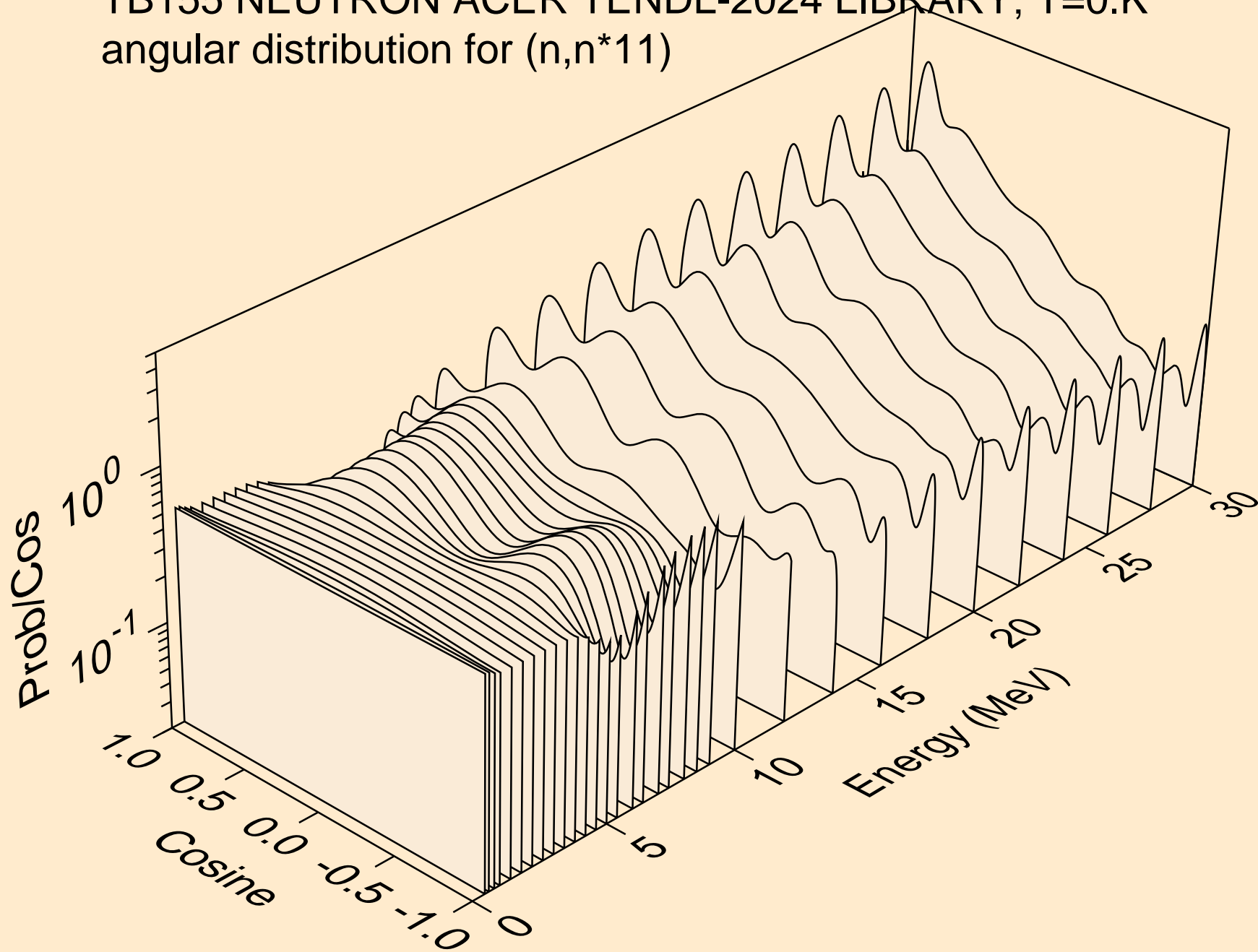
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angular distribution for (n,n\*9)



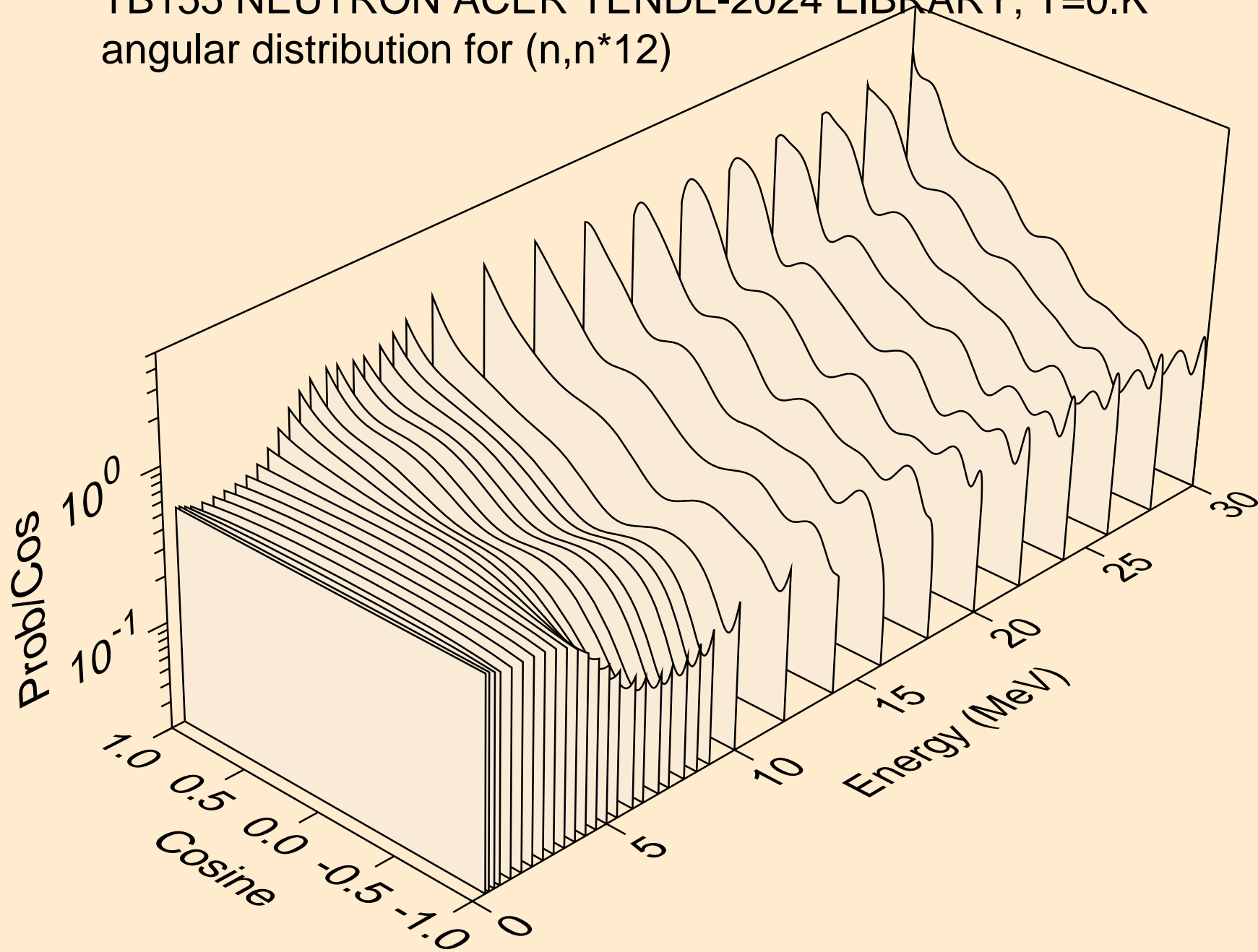
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angular distribution for (n,n\*10)



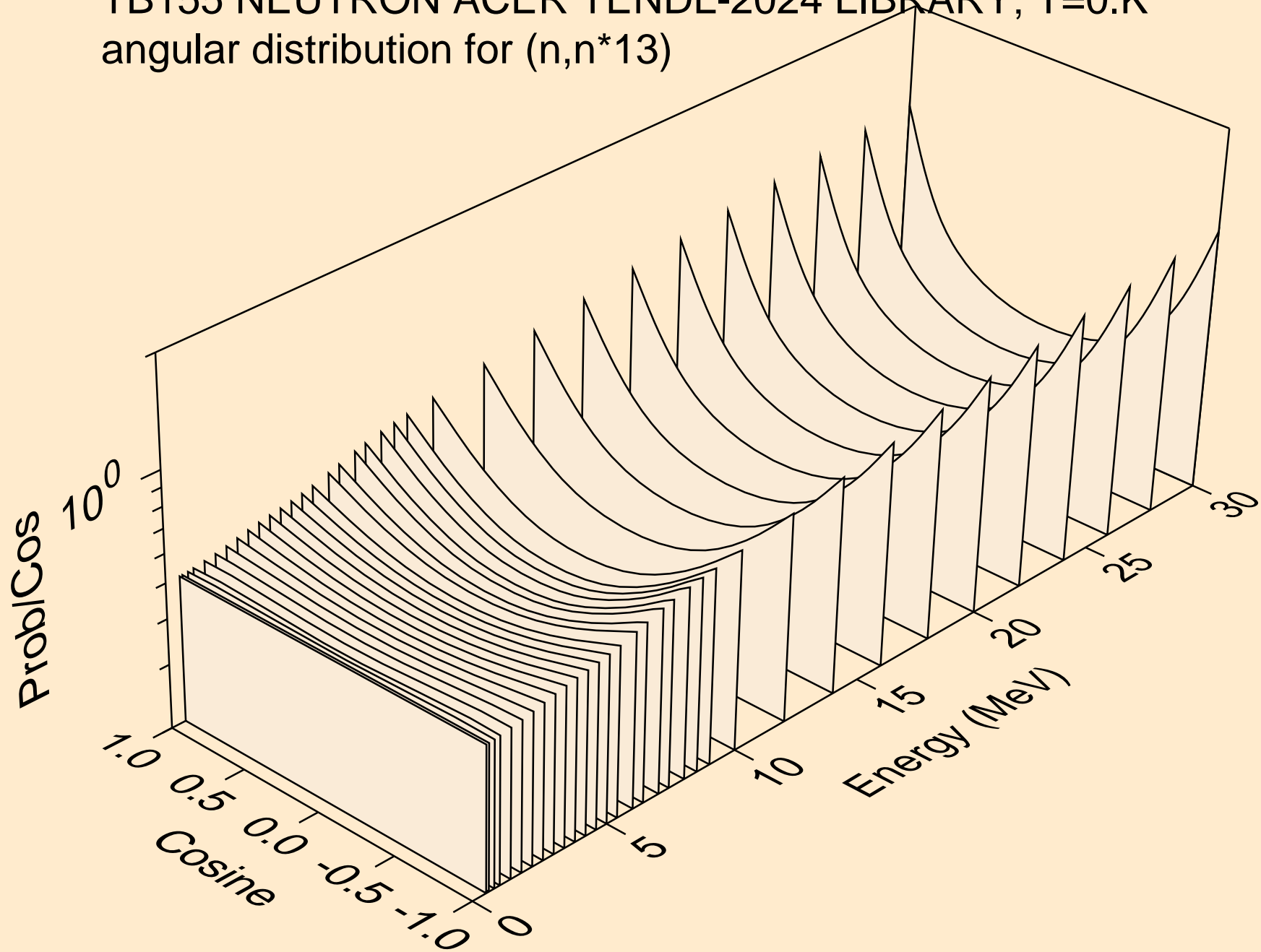
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angular distribution for (n,n\*11)



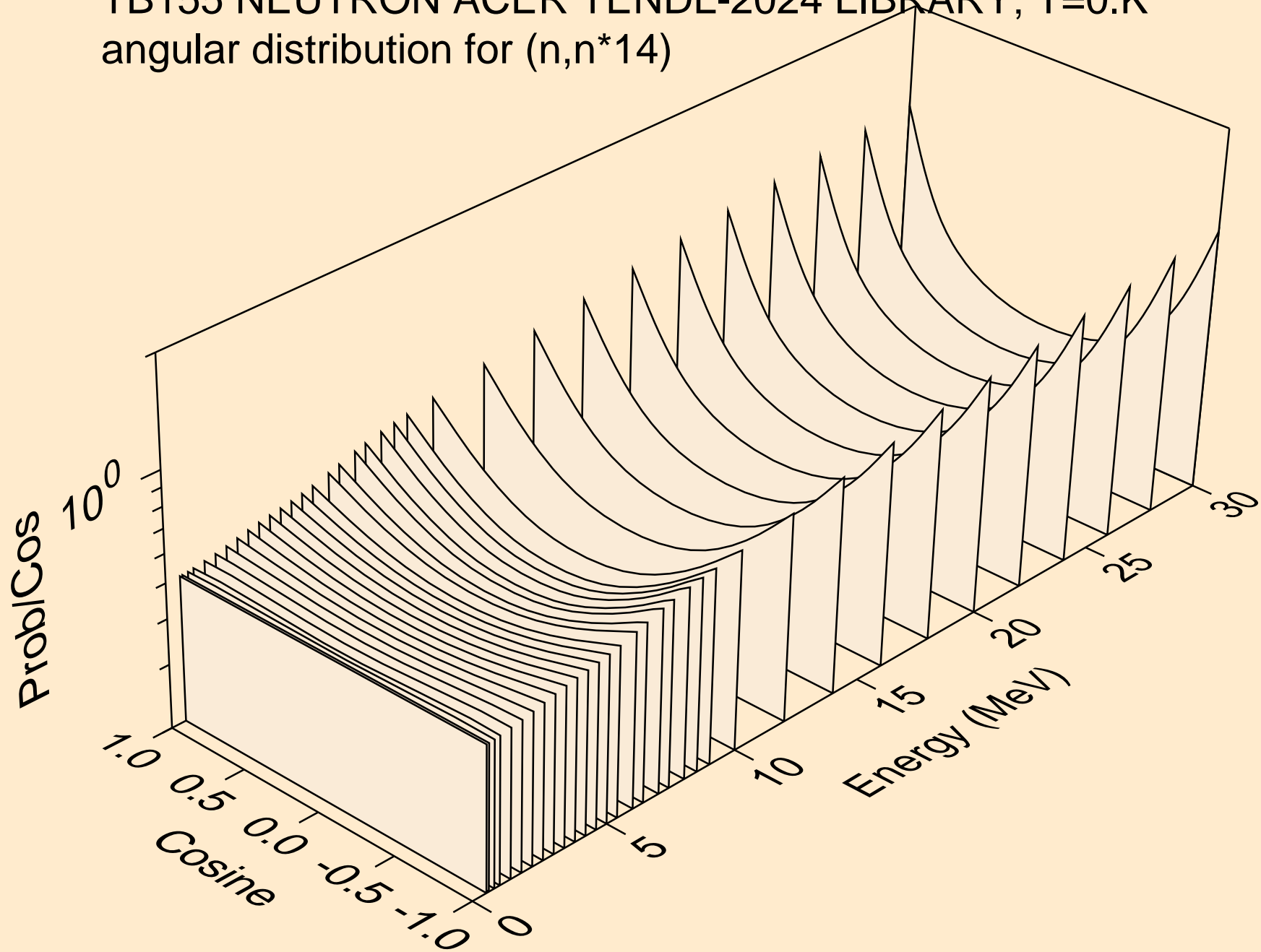
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angular distribution for (n,n\*12)



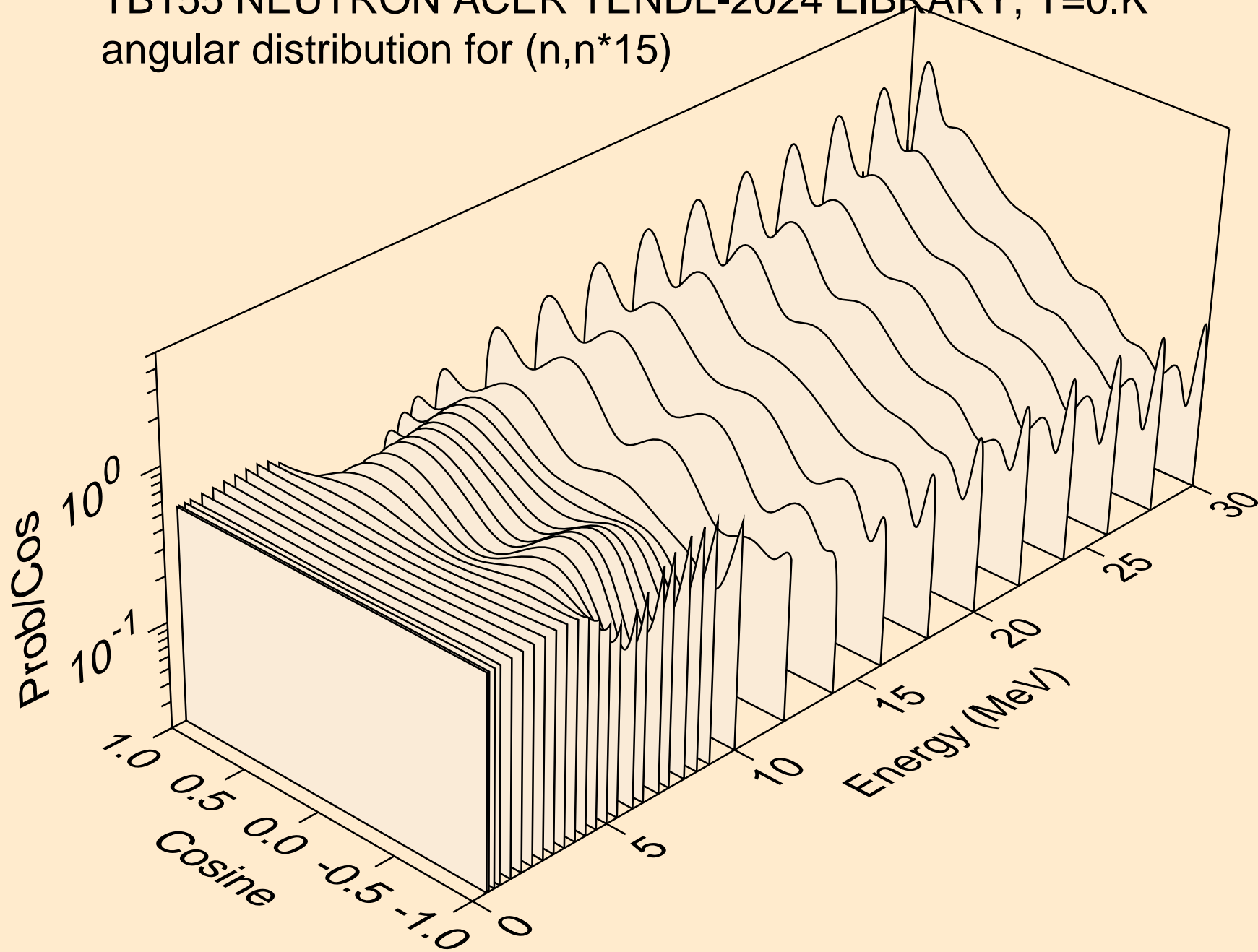
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angular distribution for (n,n\*13)



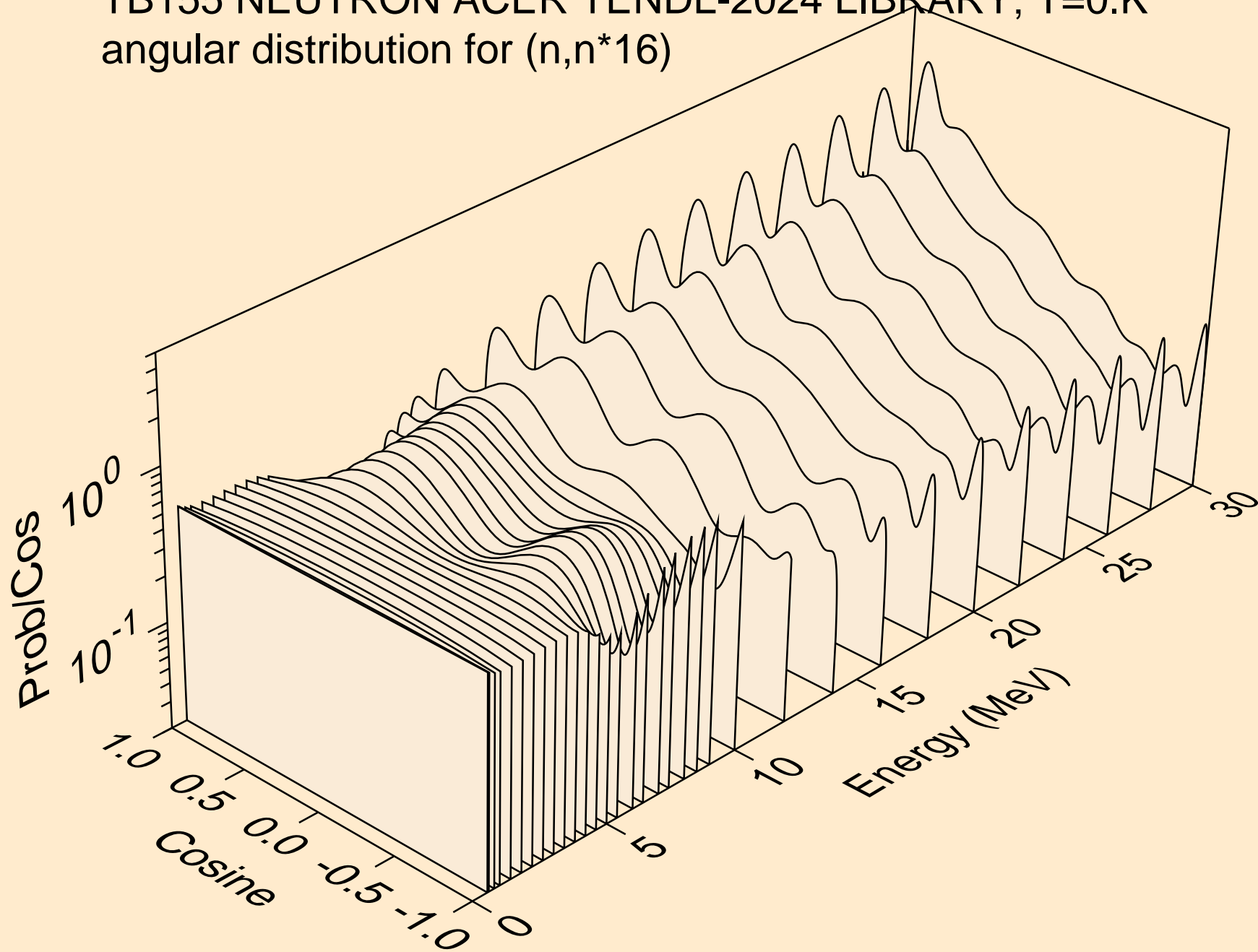
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

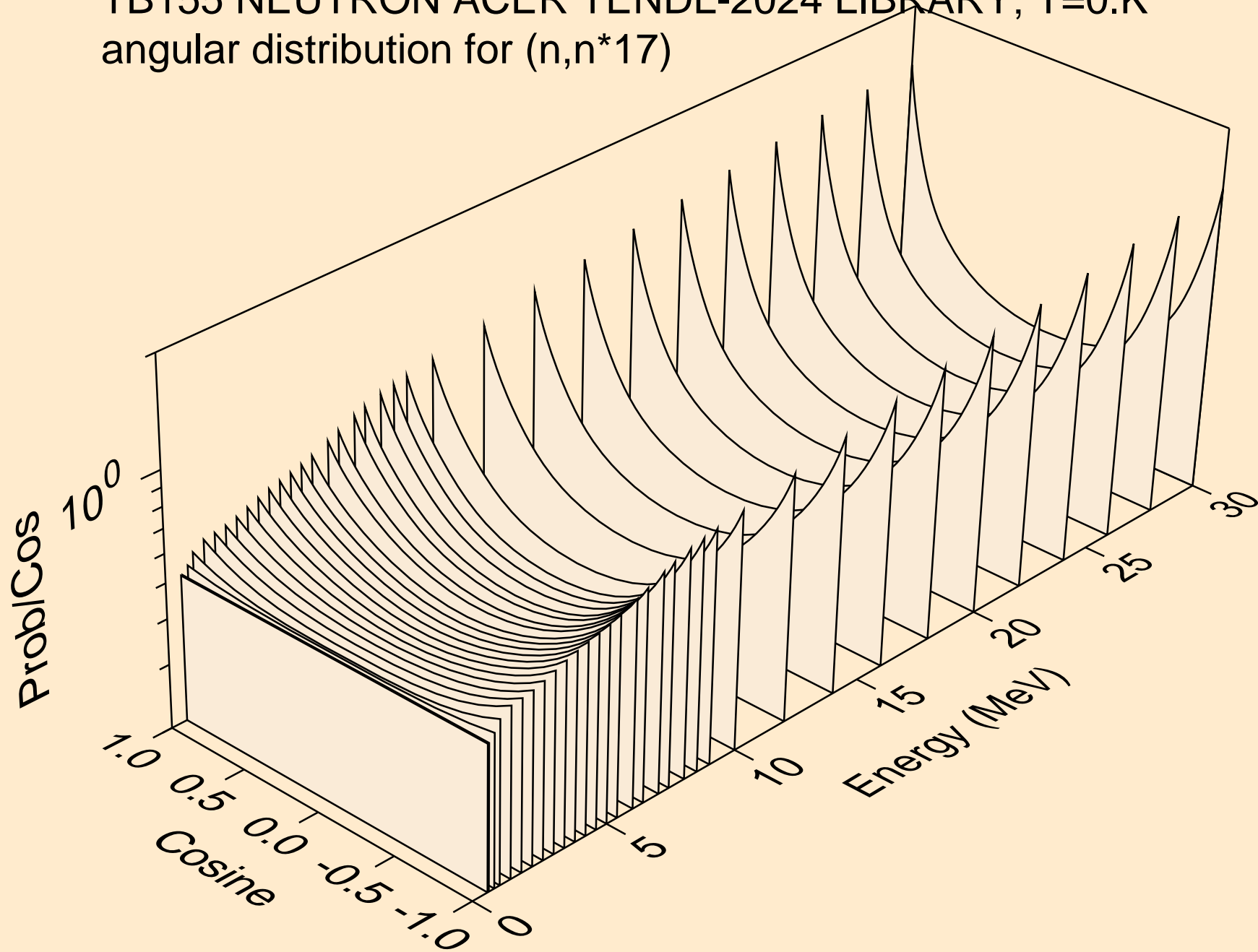


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

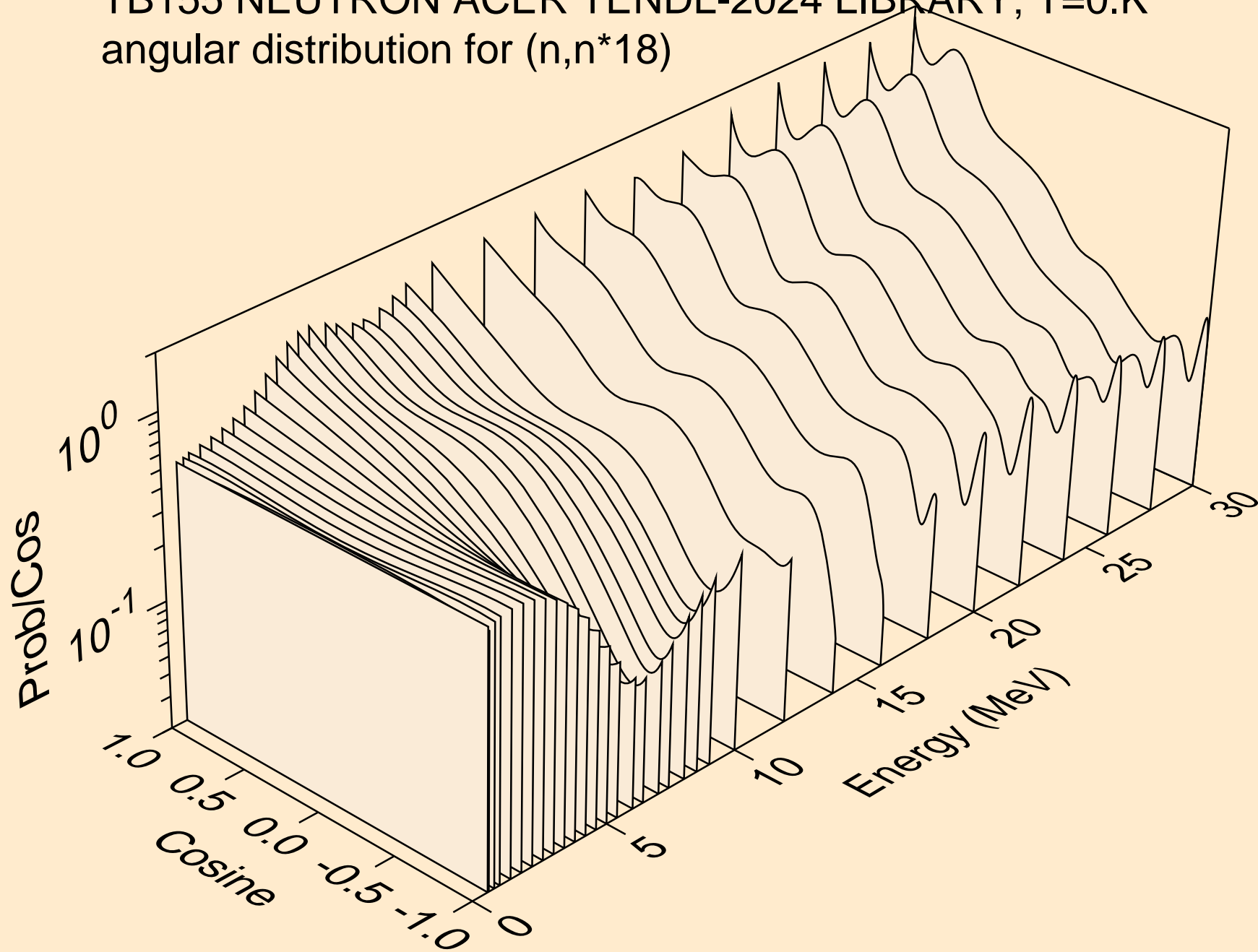




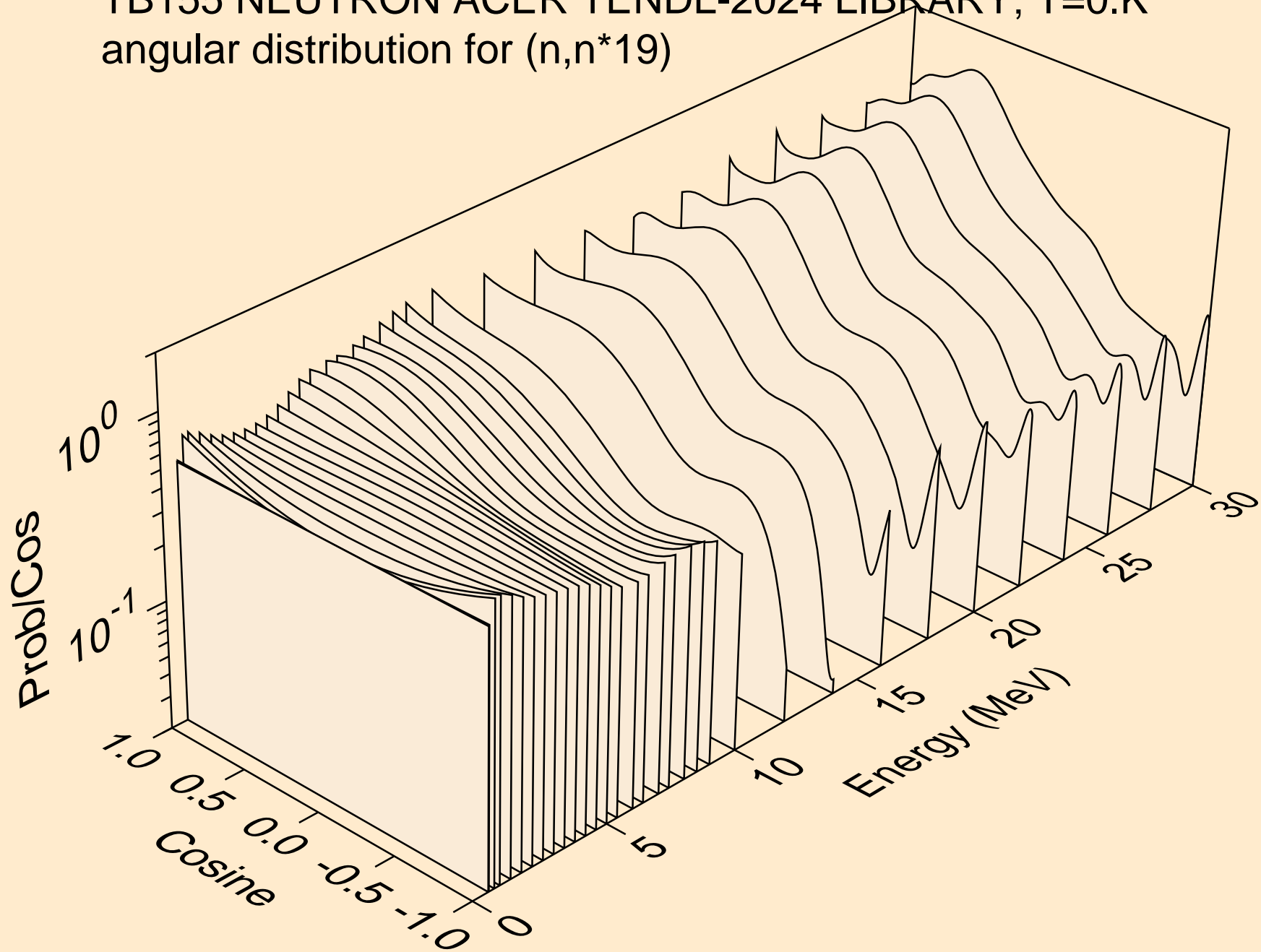
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angular distribution for (n,n\*17)



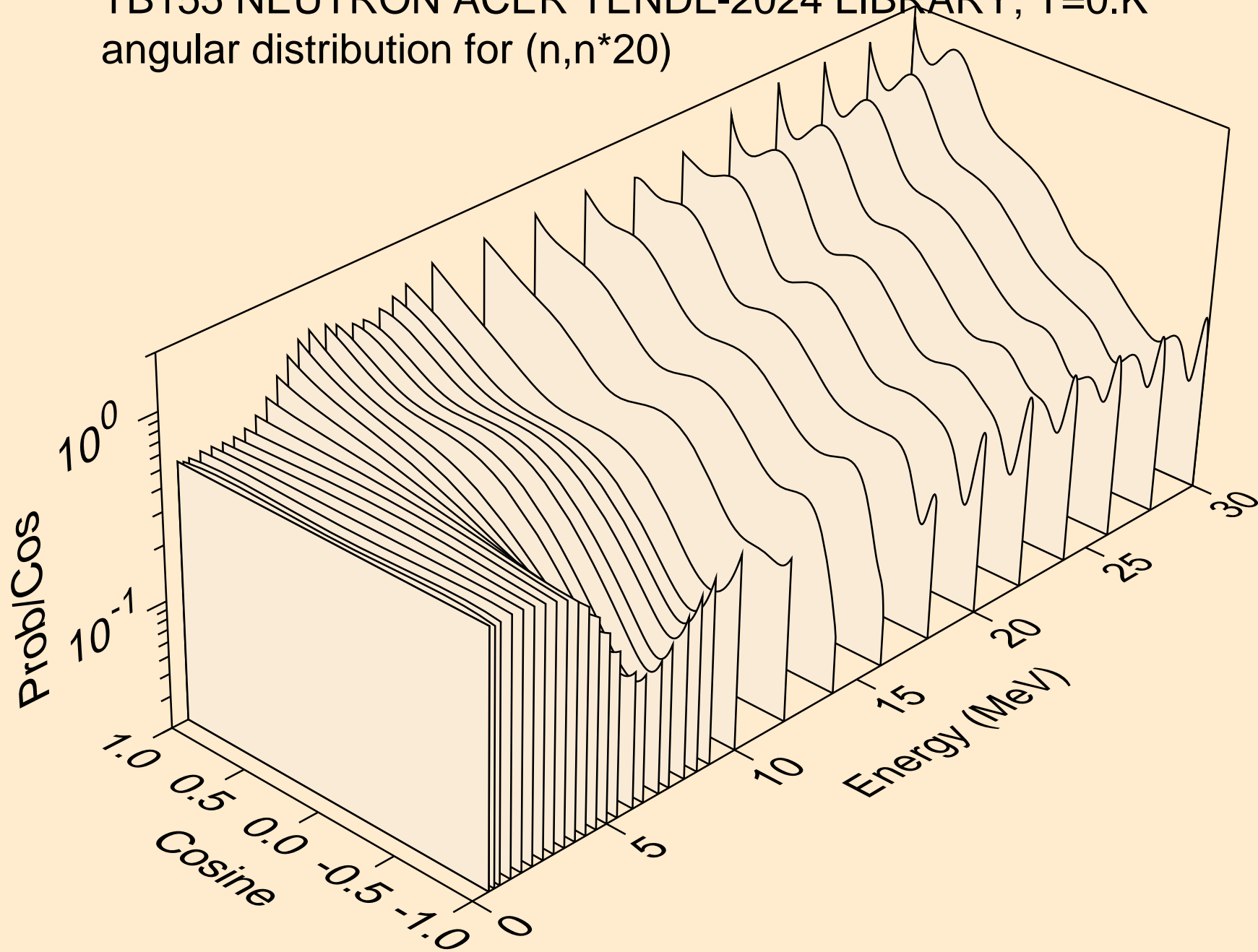
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angular distribution for (n,n\*18)



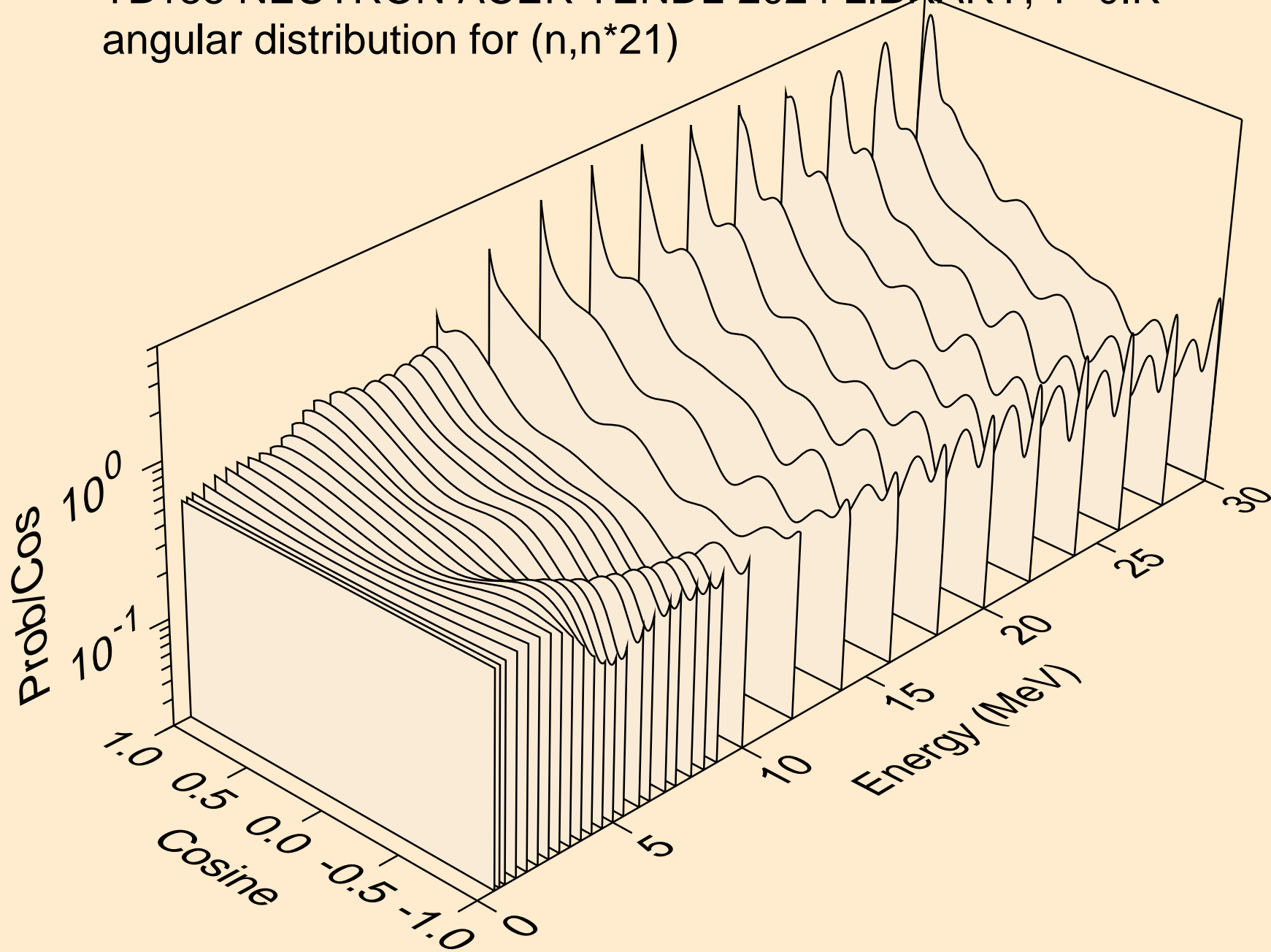
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angular distribution for (n,n\*19)



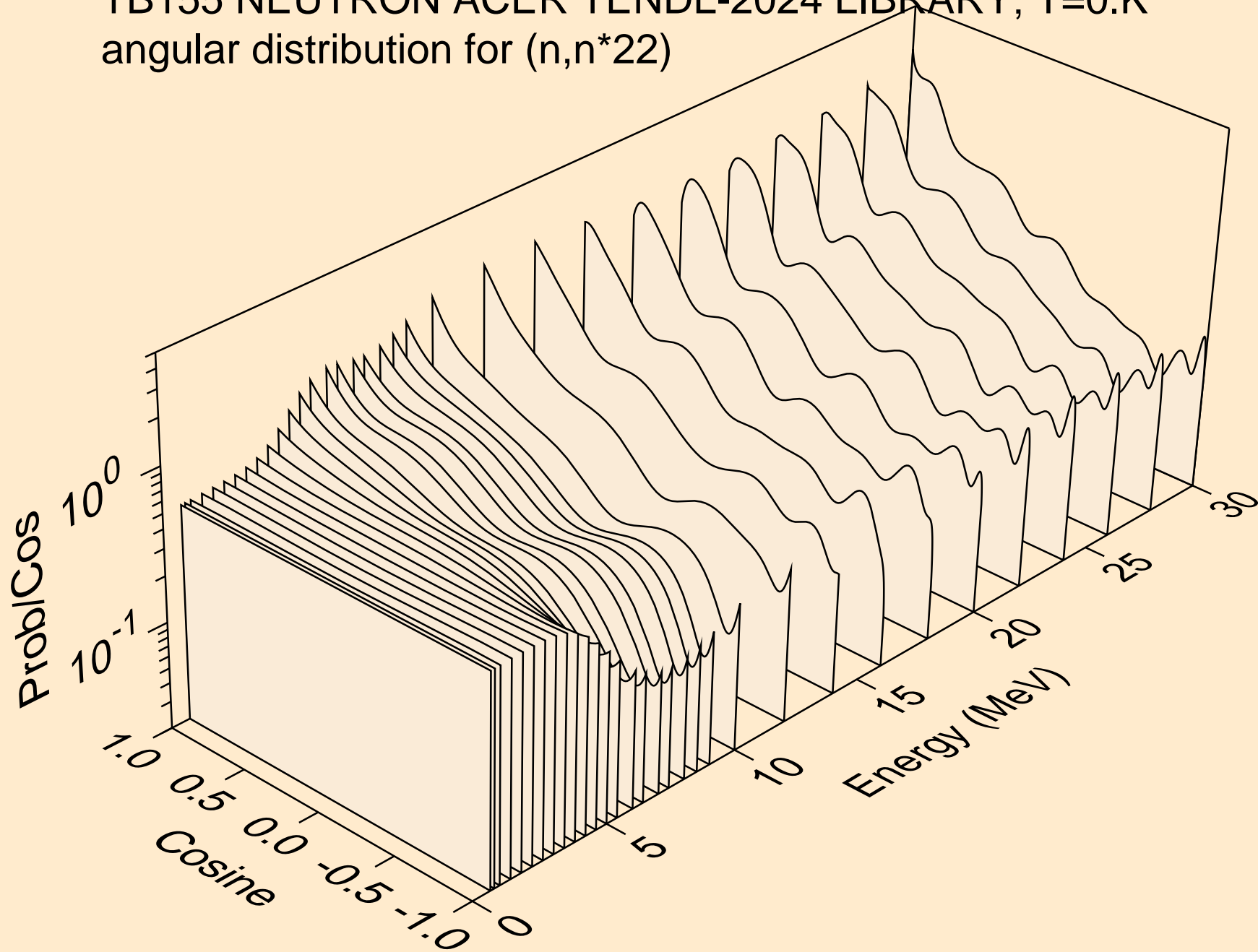
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angular distribution for (n,n\*20)



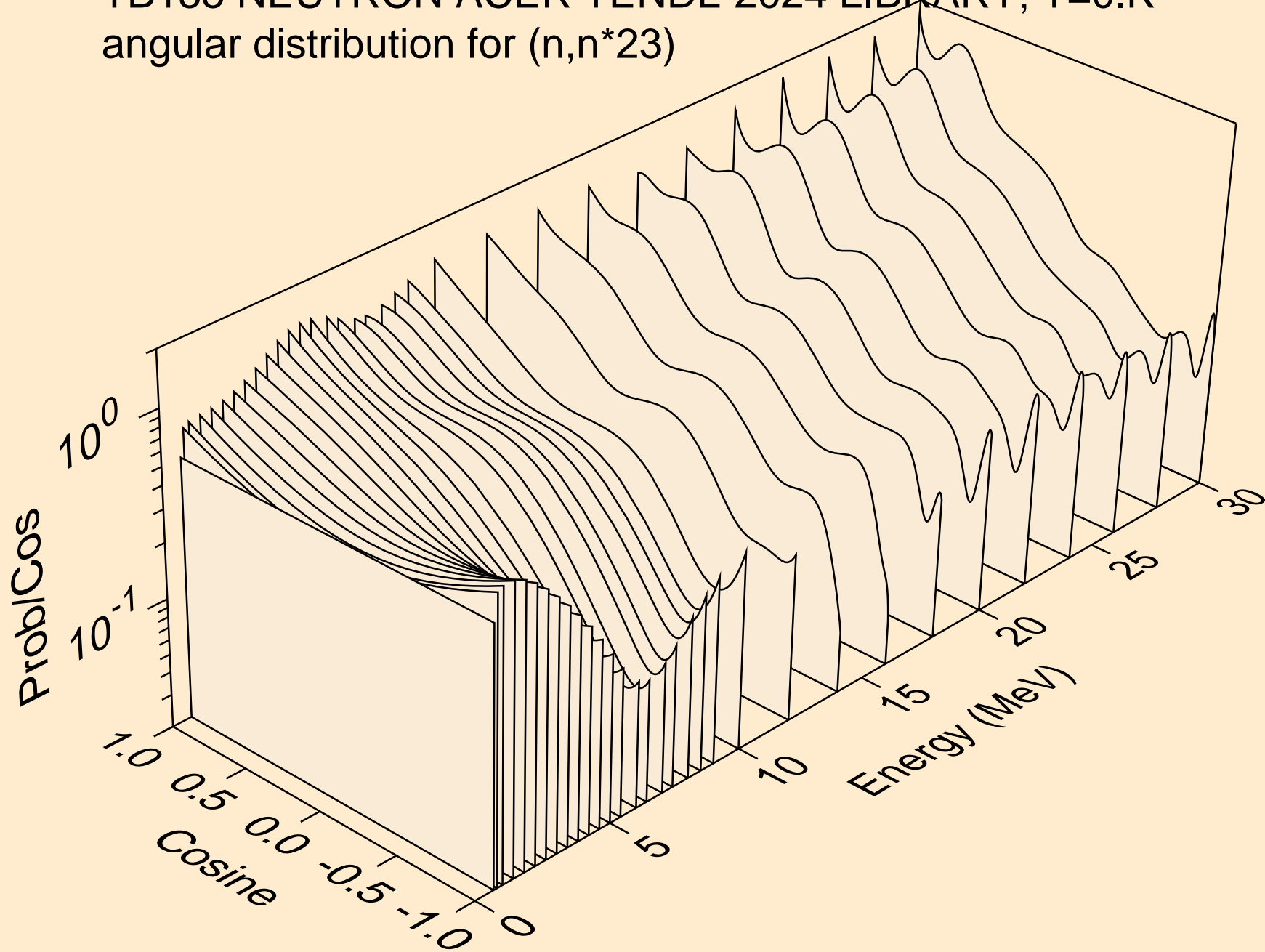
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angular distribution for (n,n\*21)



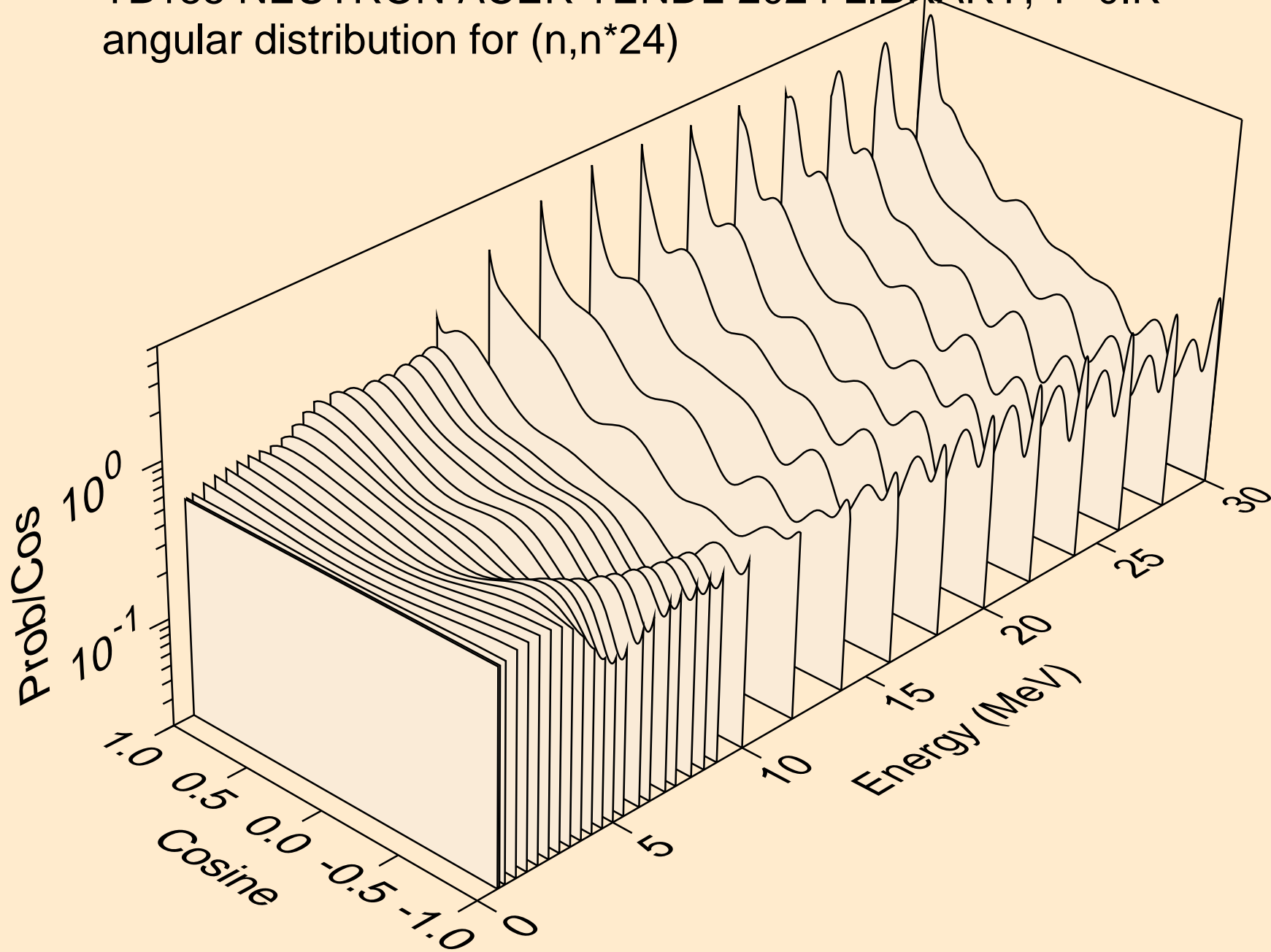
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

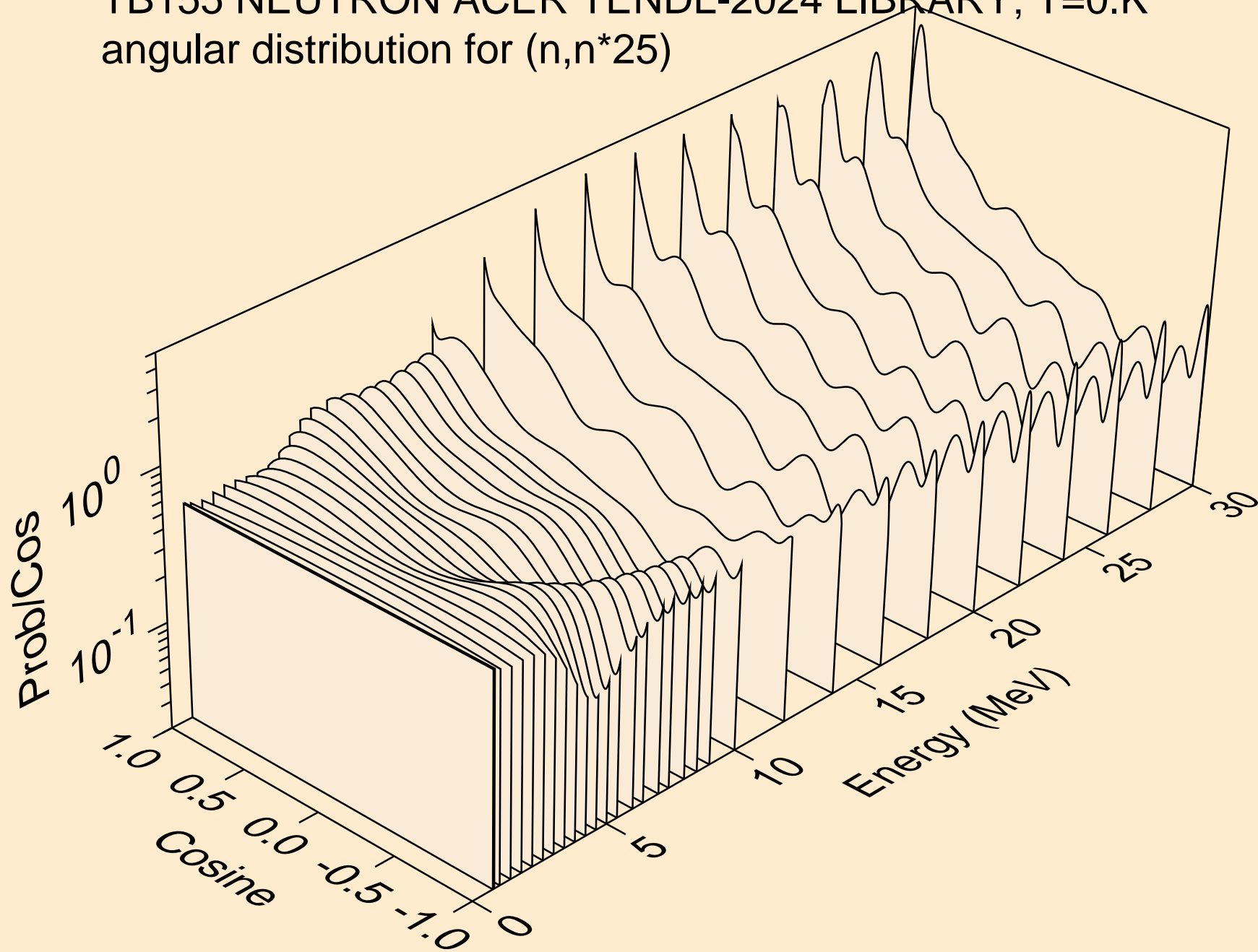


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

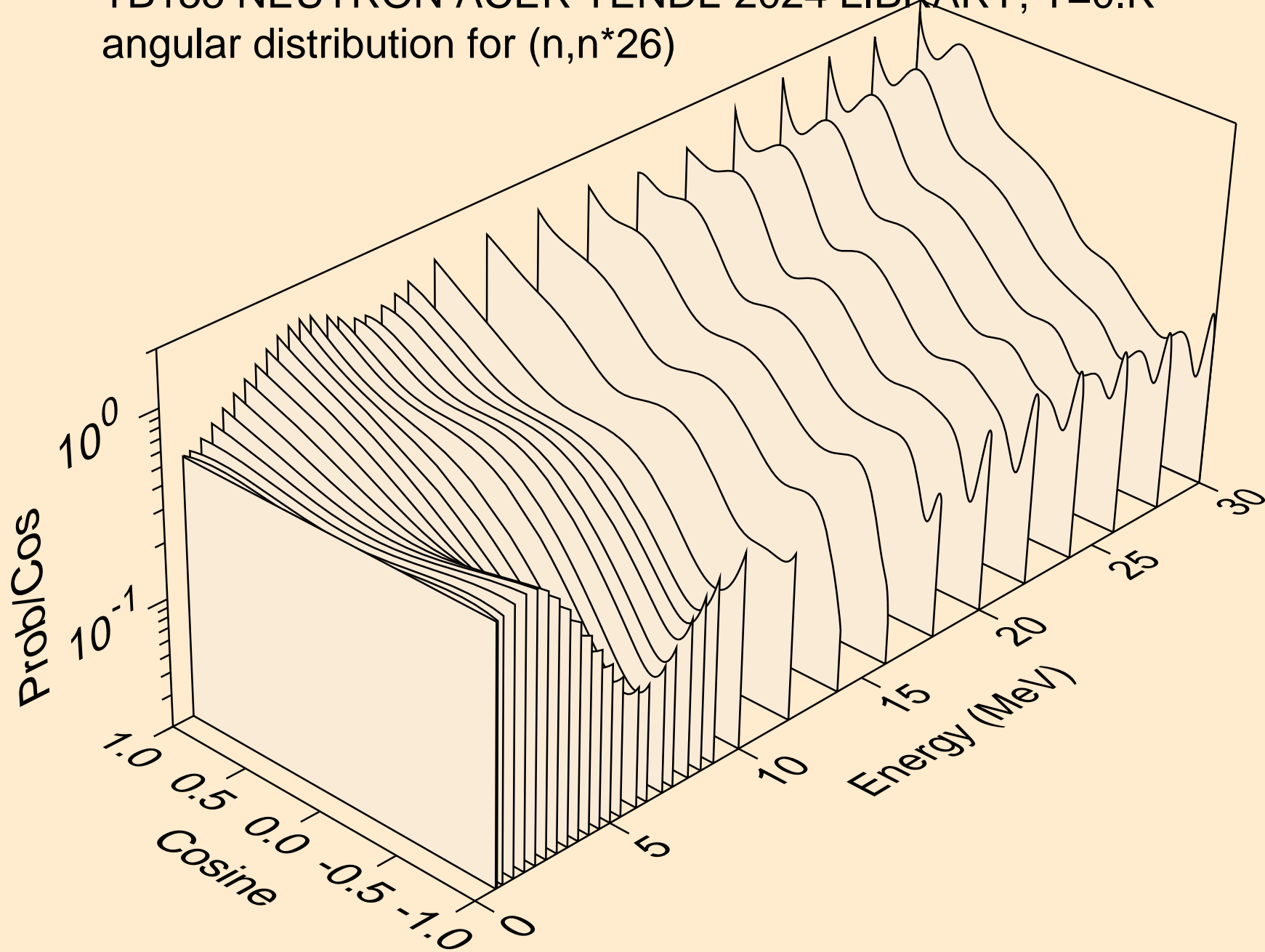




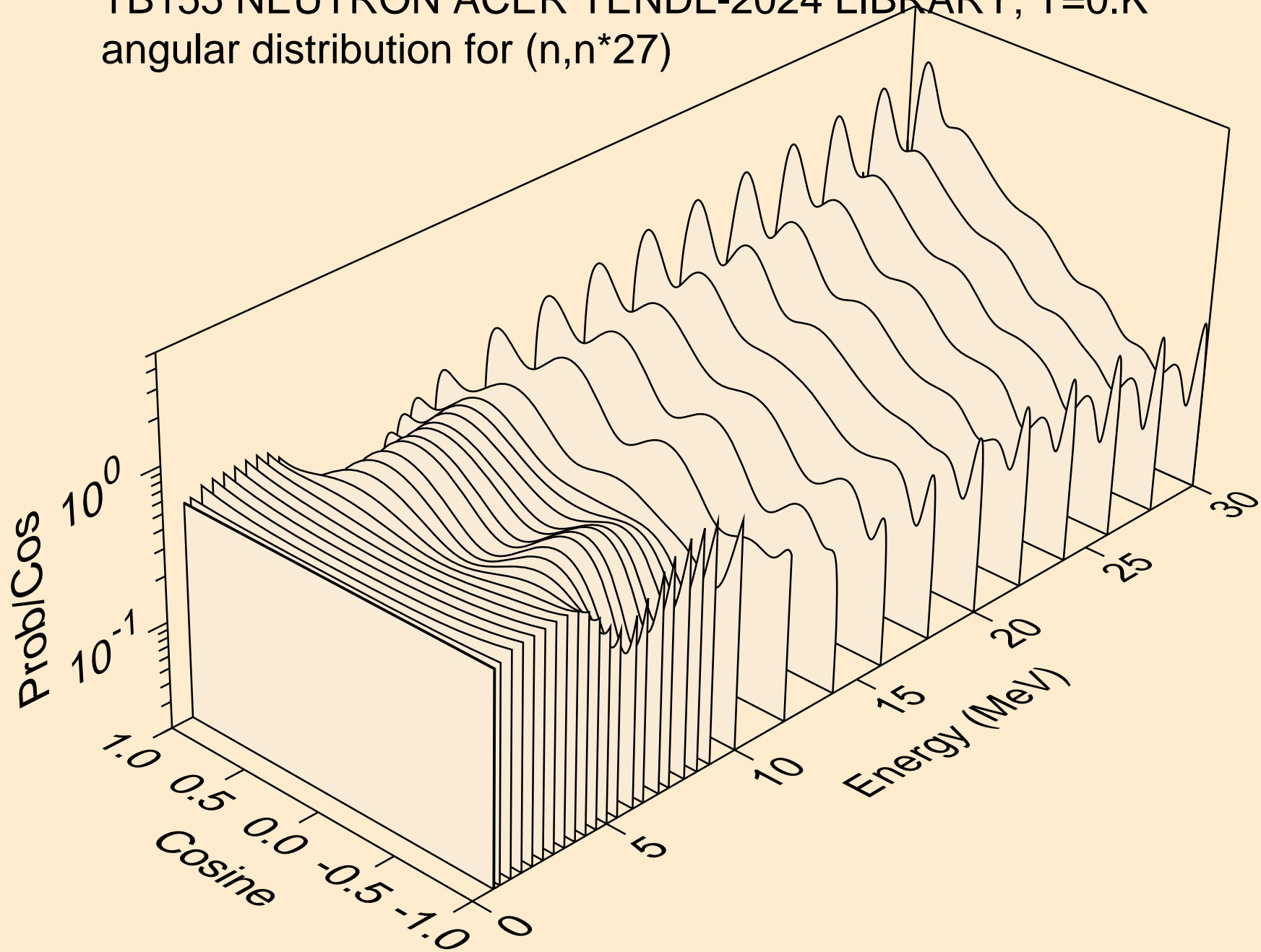
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



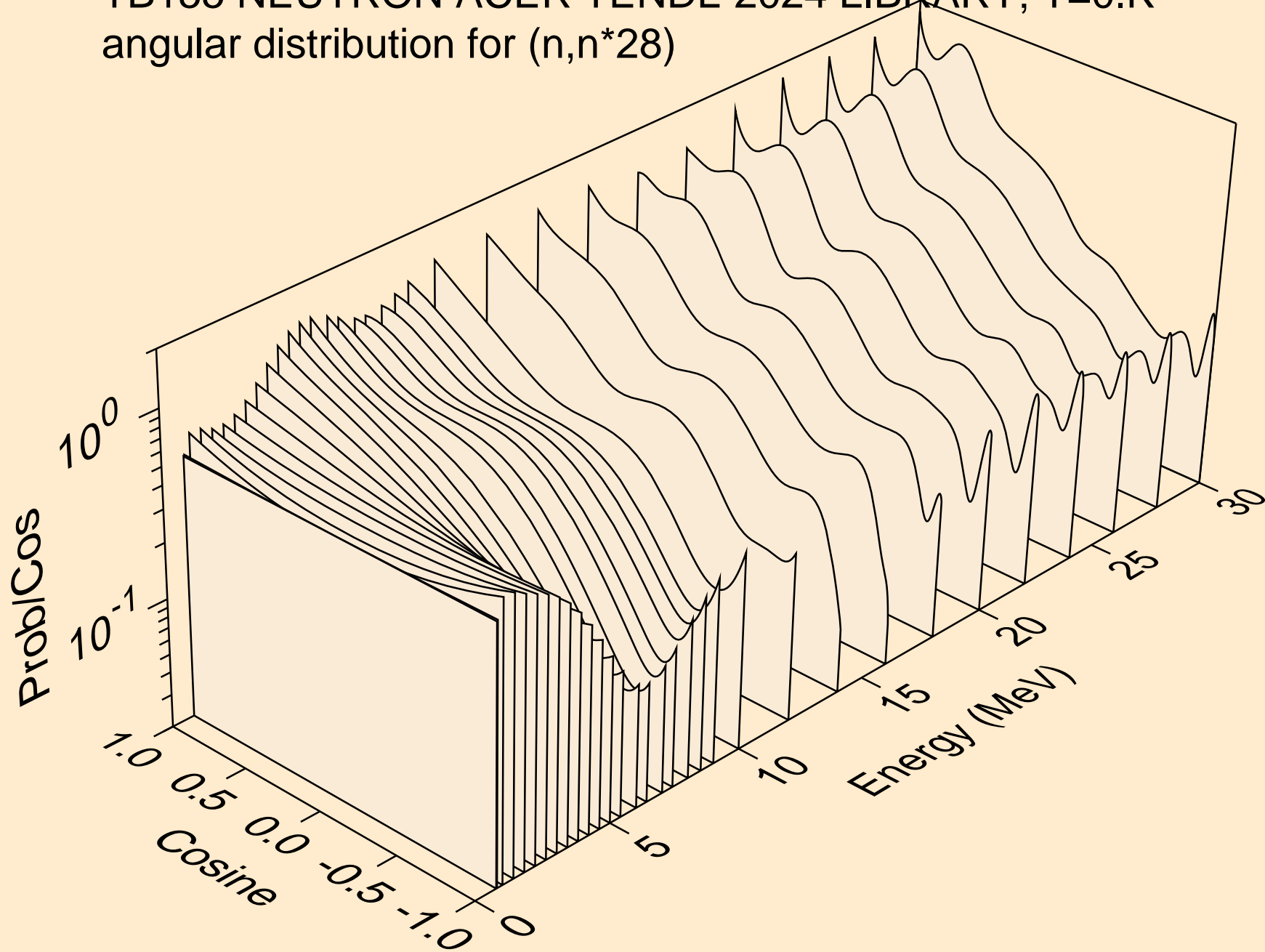
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angular distribution for (n,n\*26)



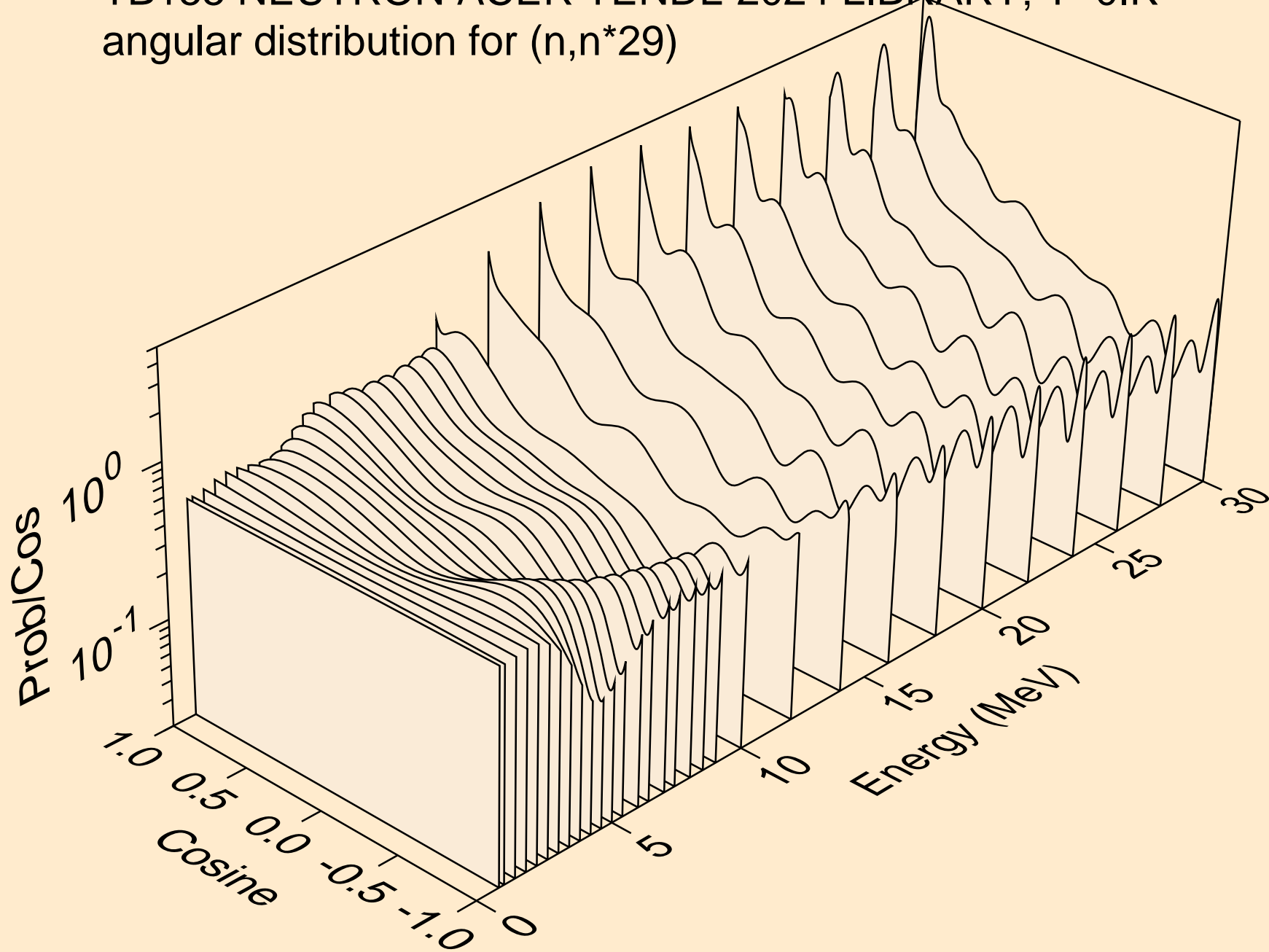
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



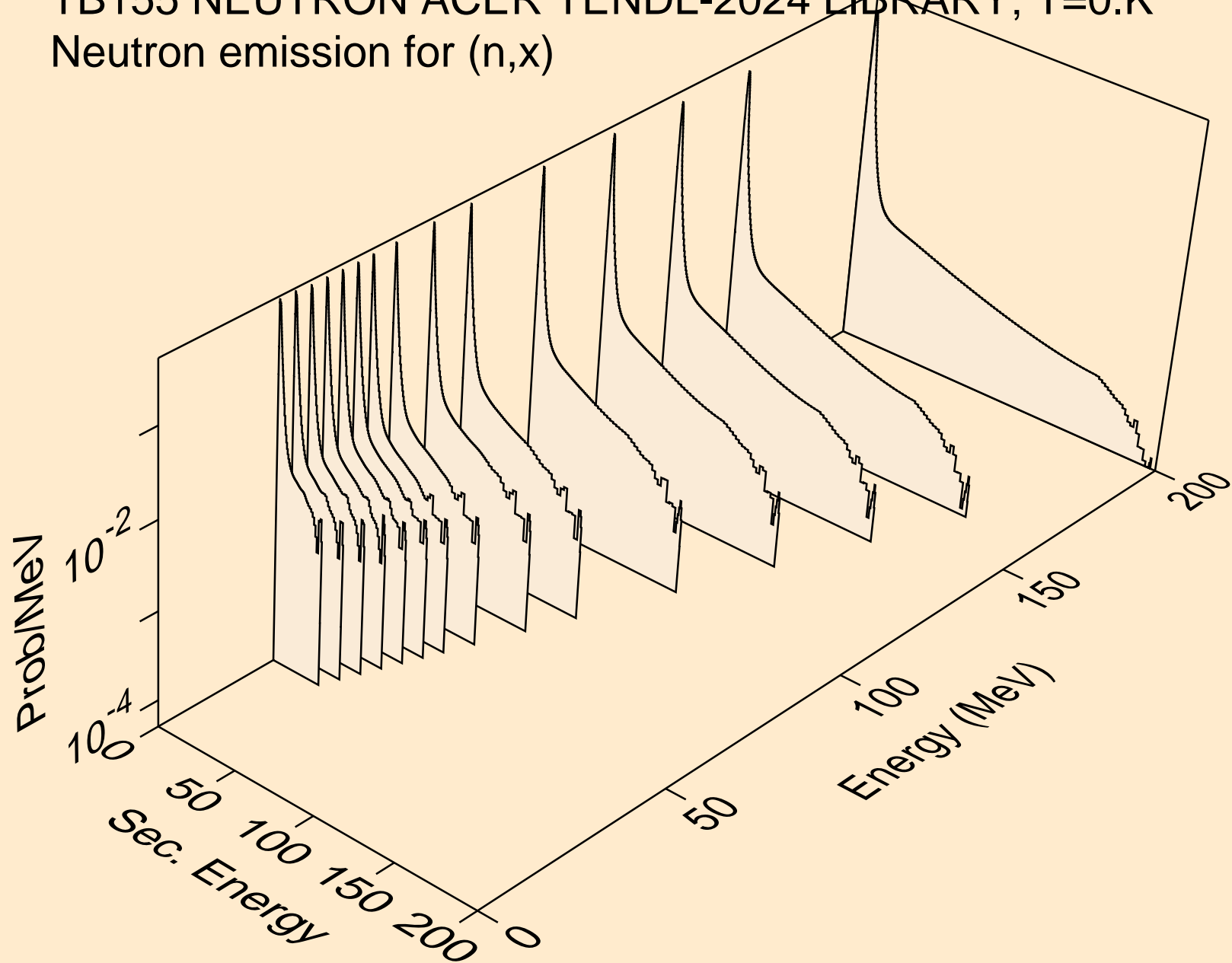
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



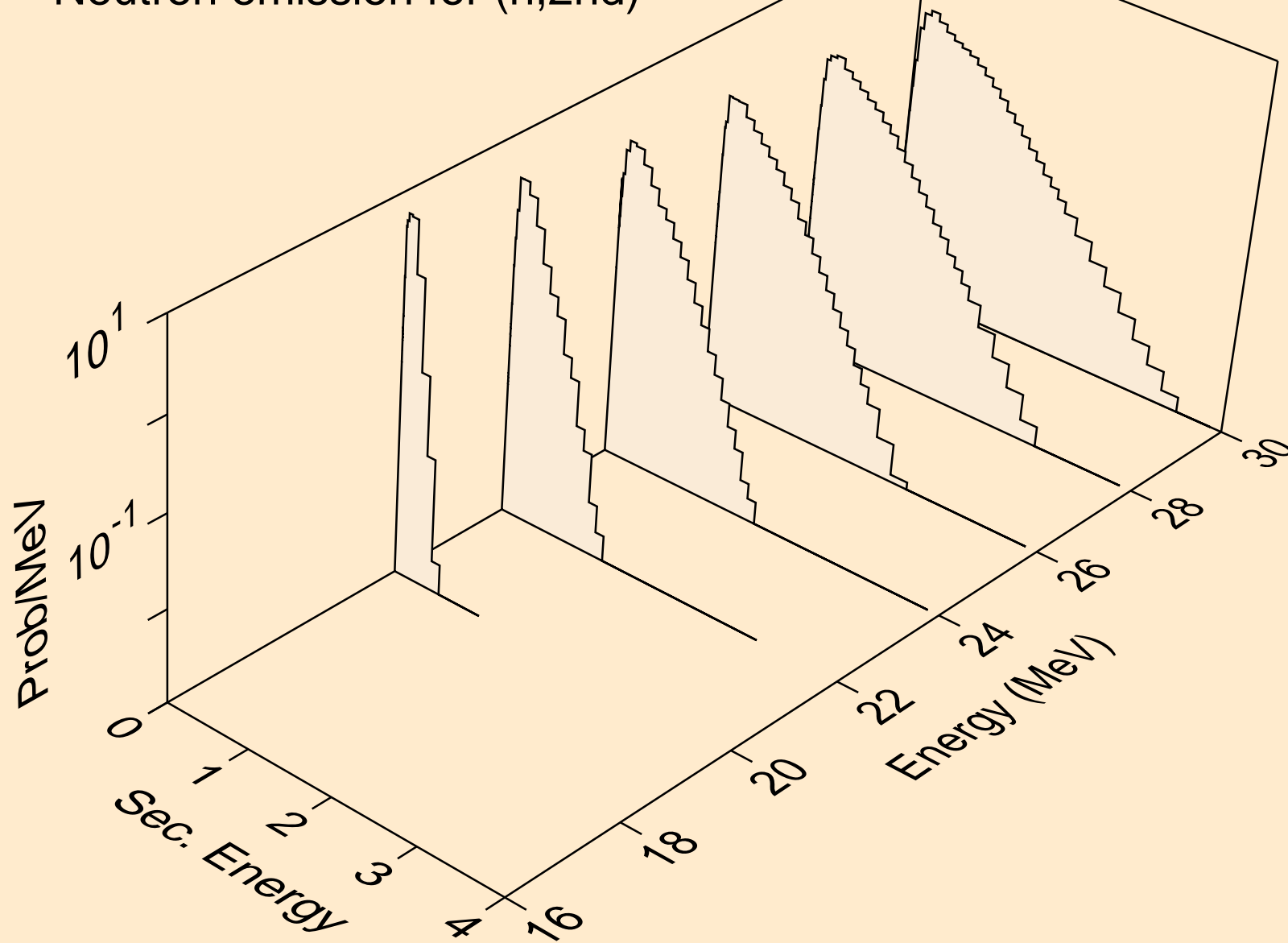
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



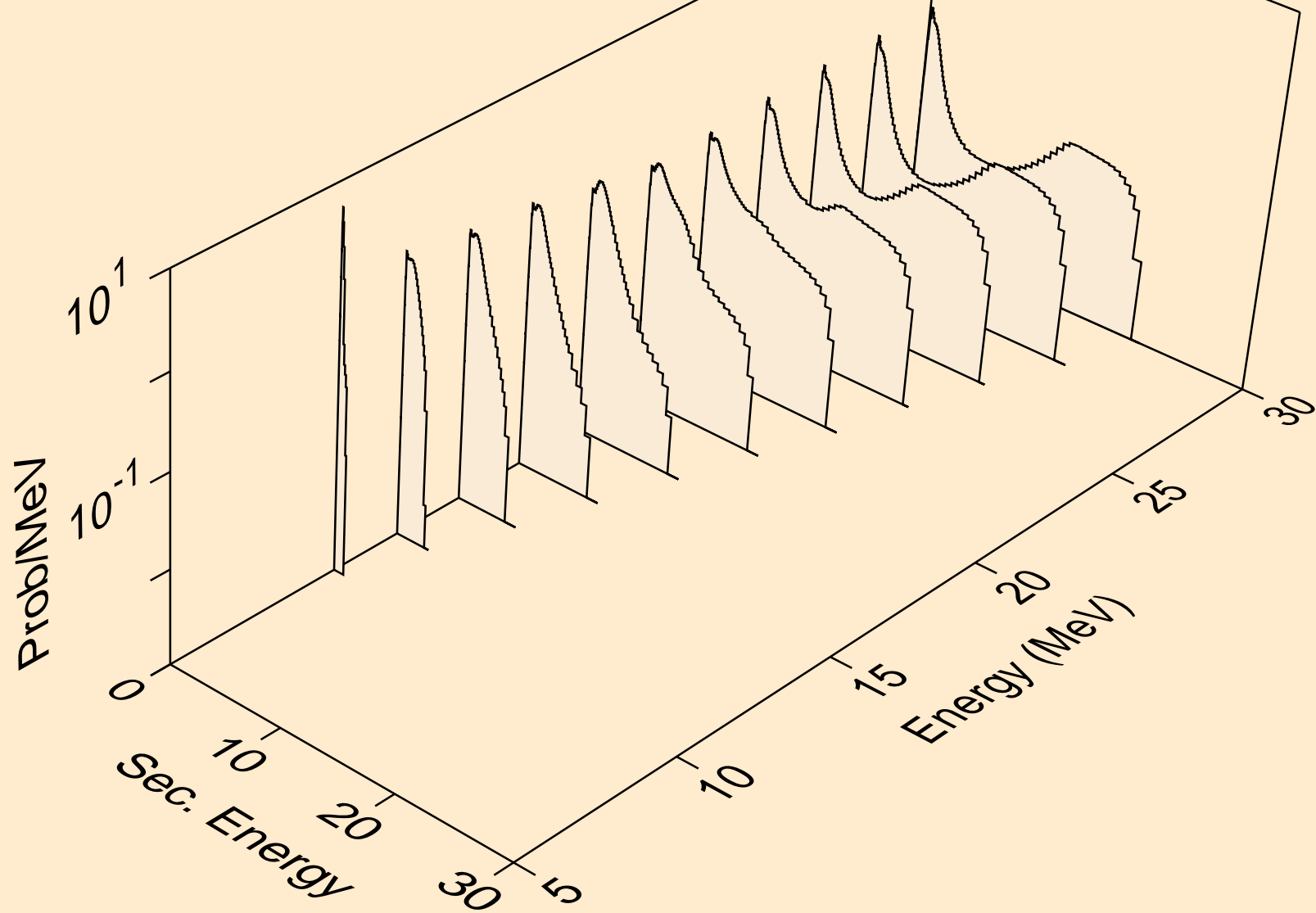
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

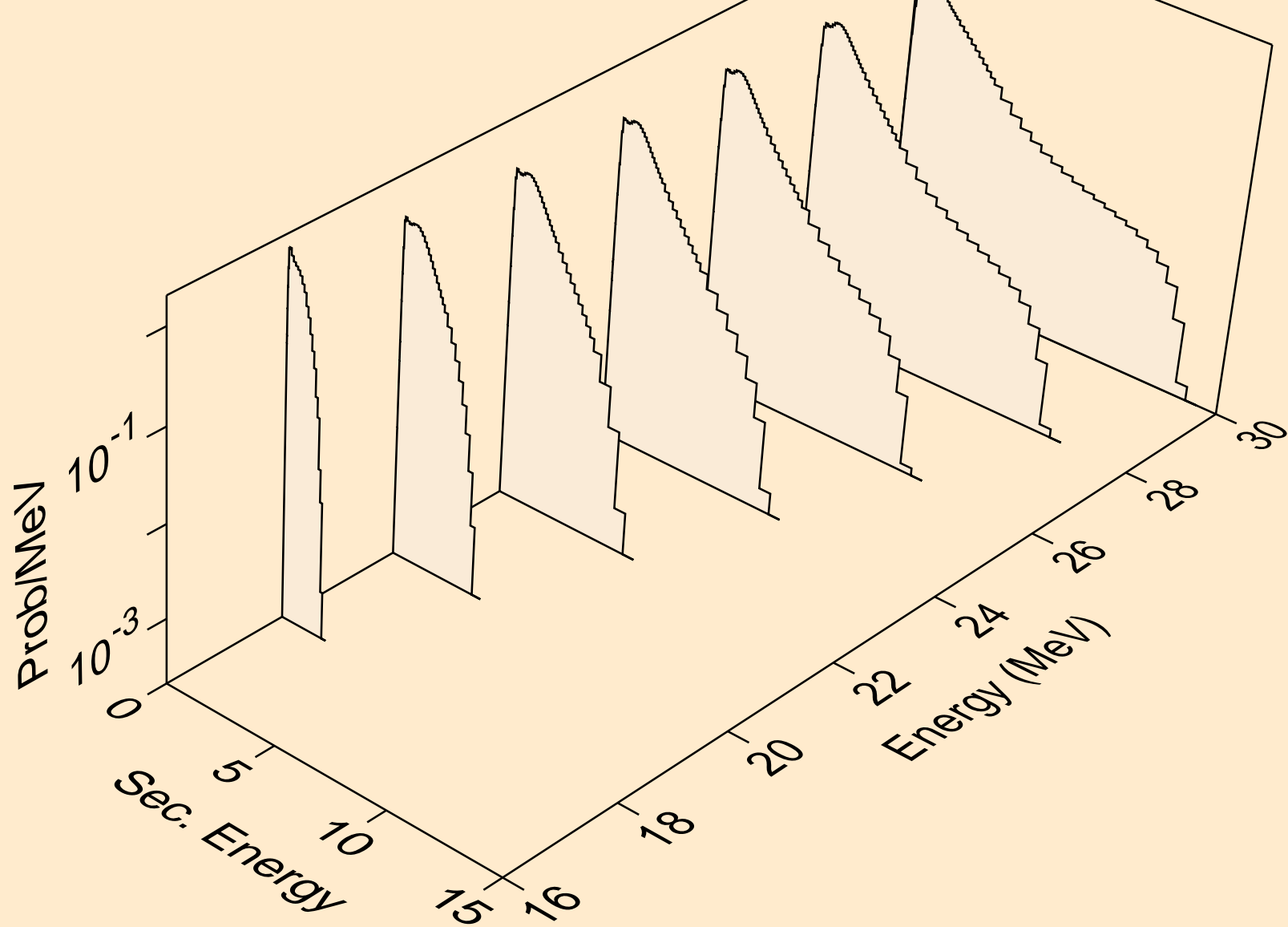


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

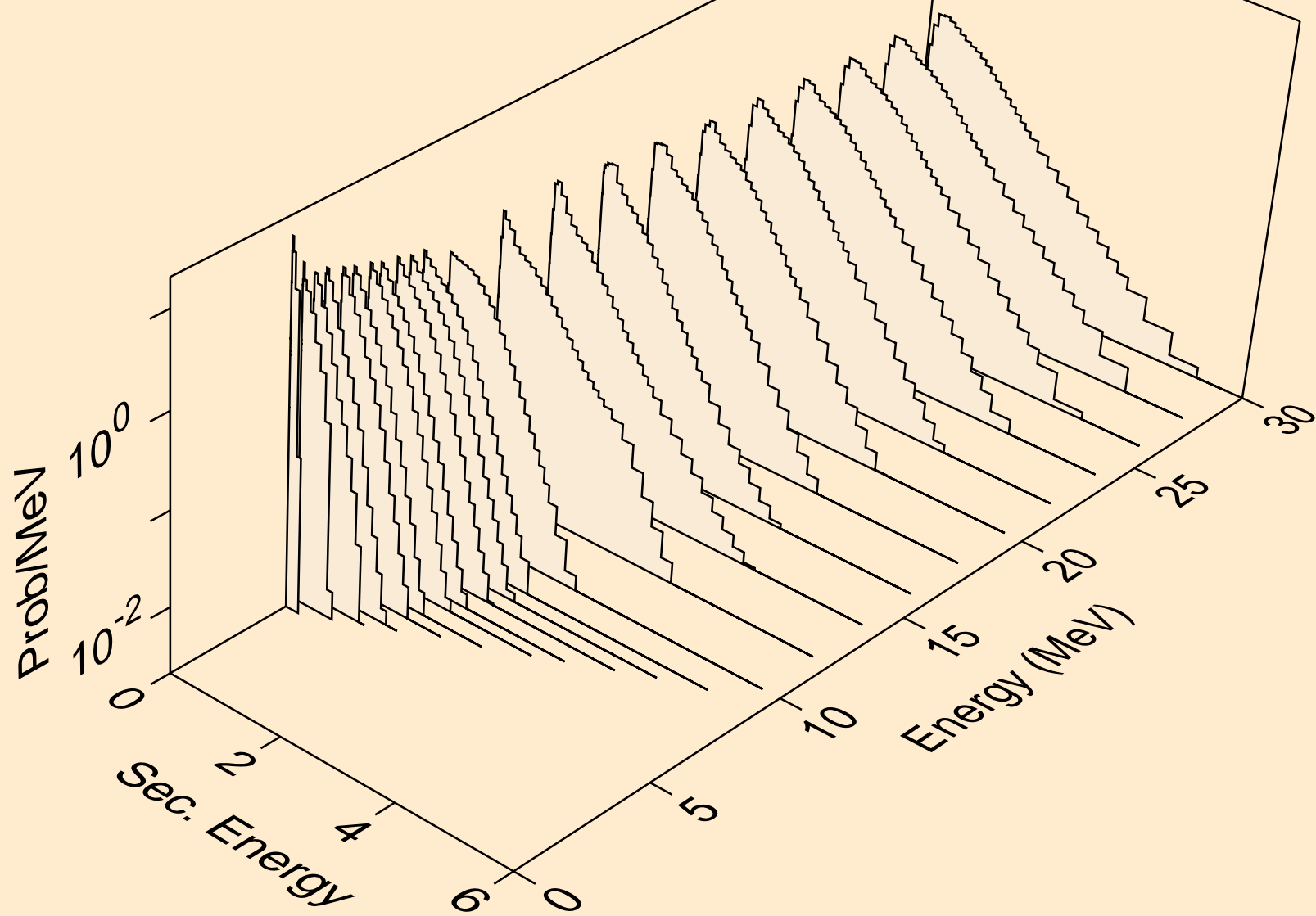




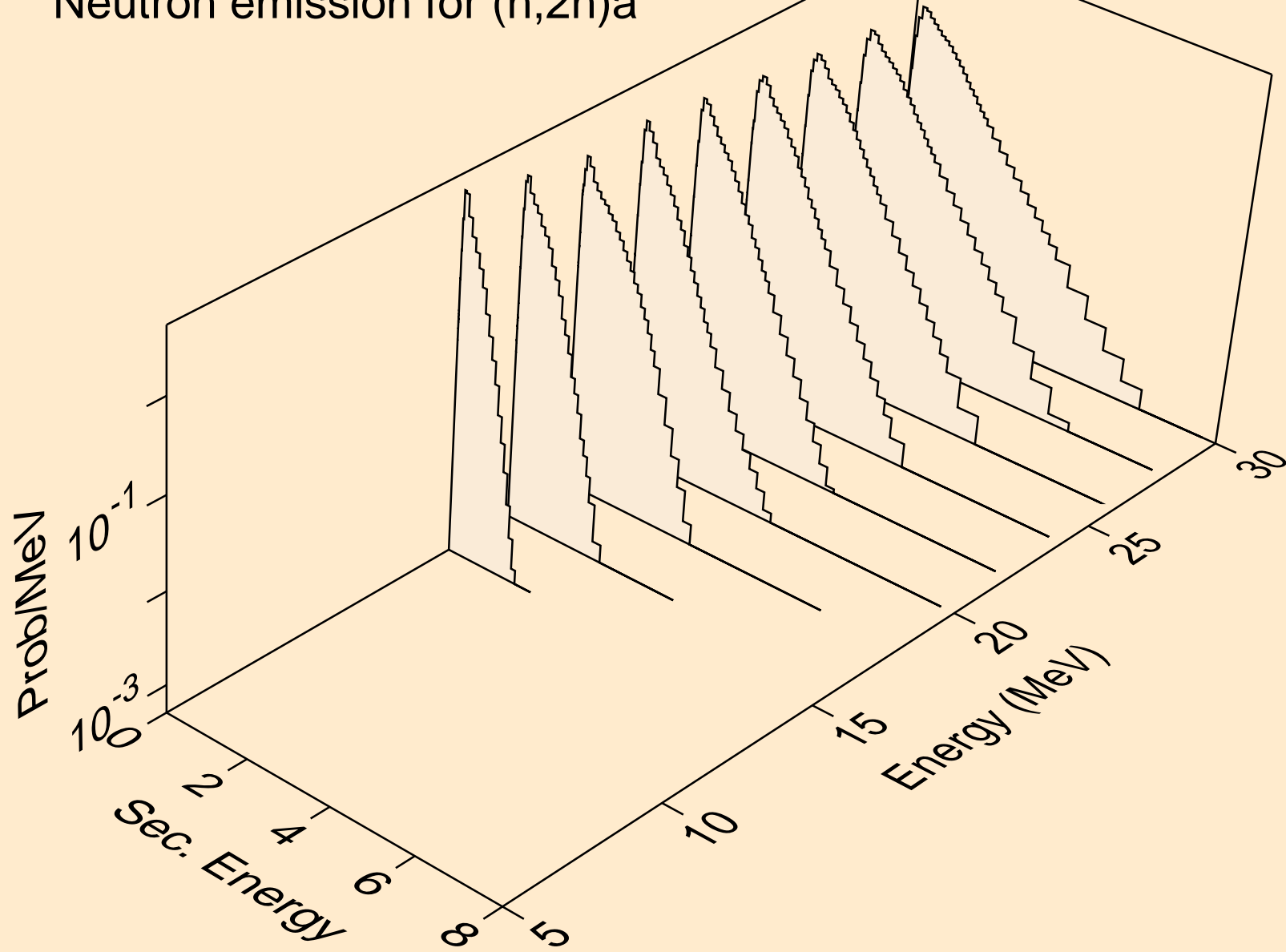
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



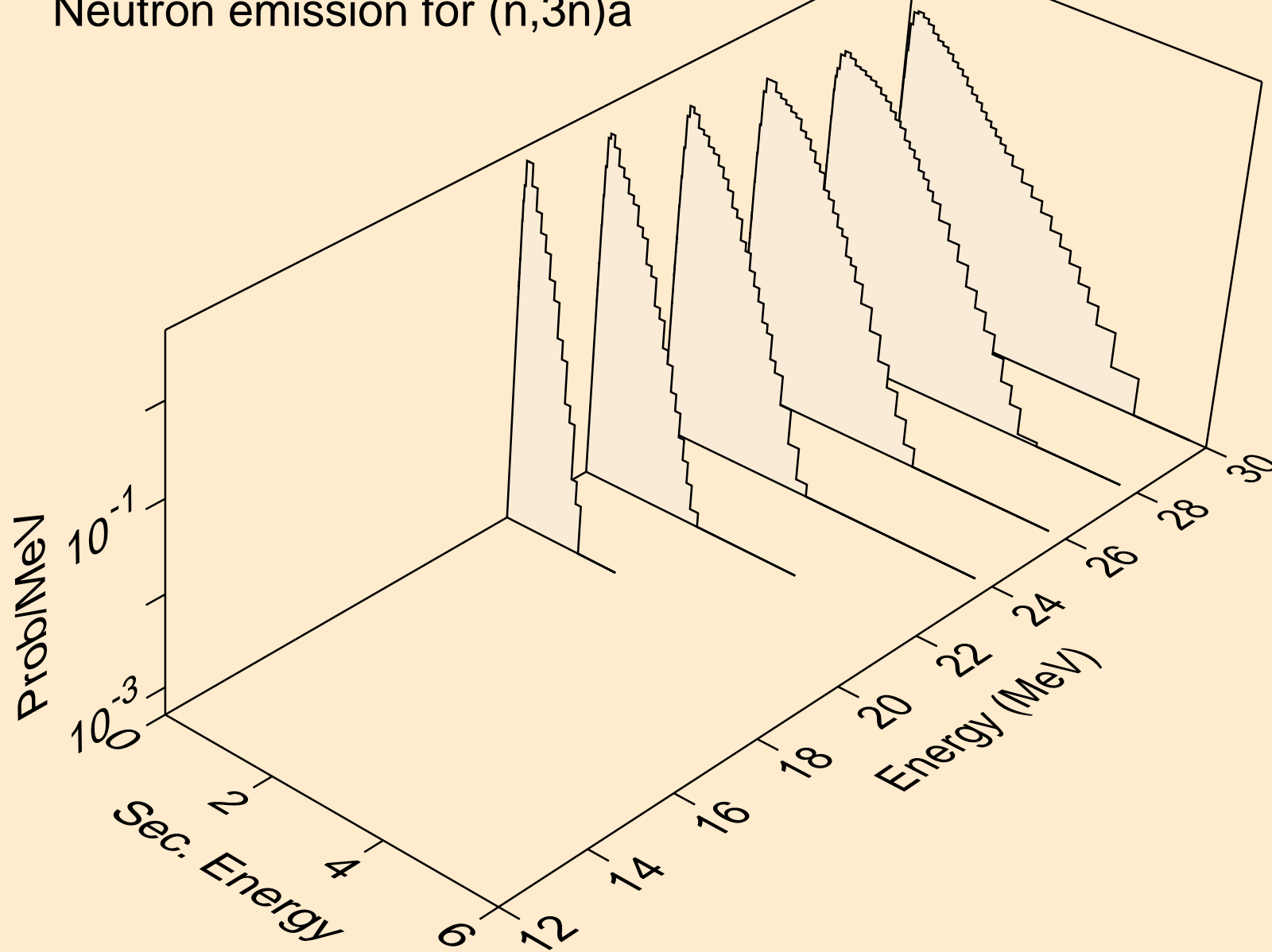
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



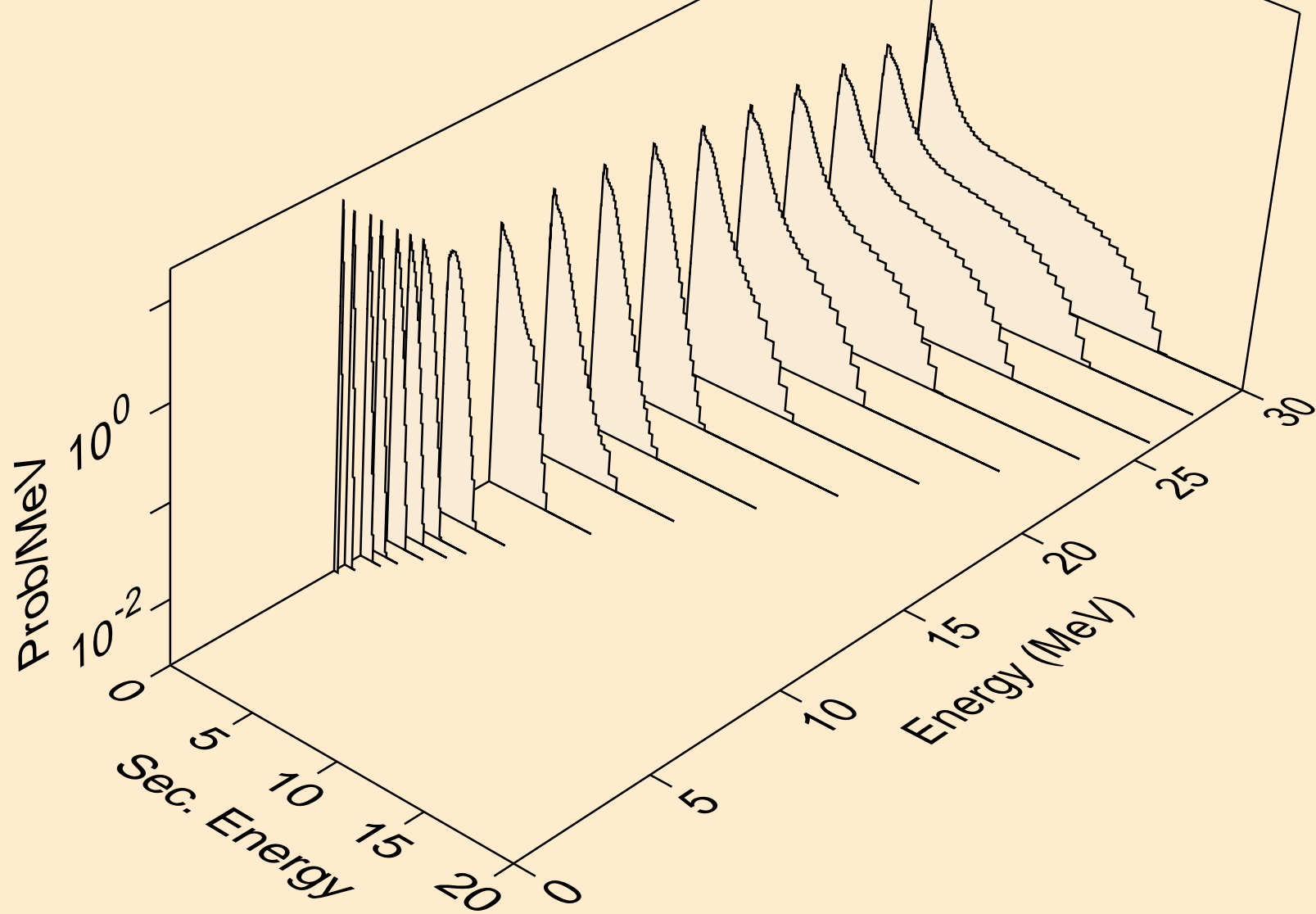
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



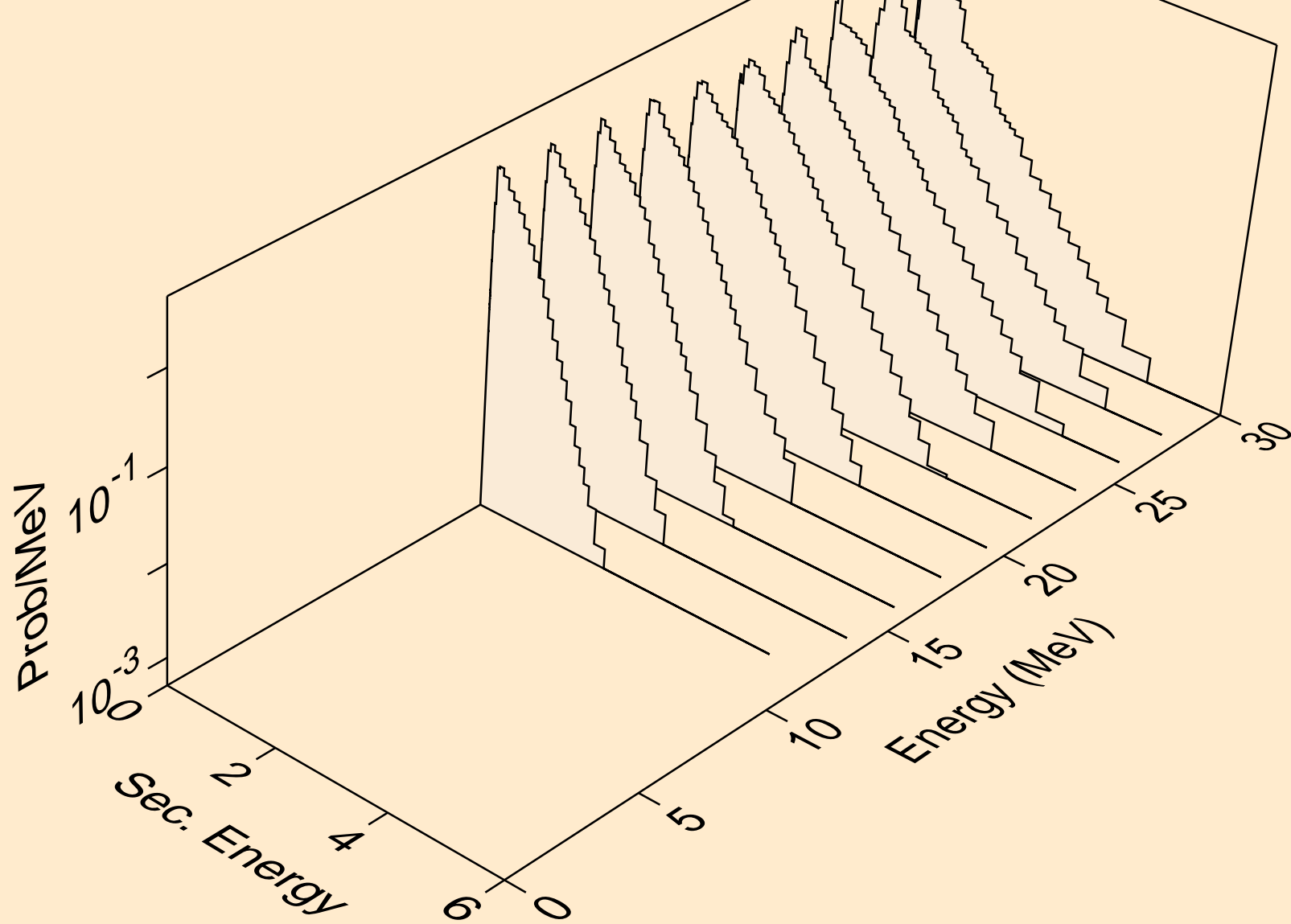
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Neutron emission for (n,3n)a



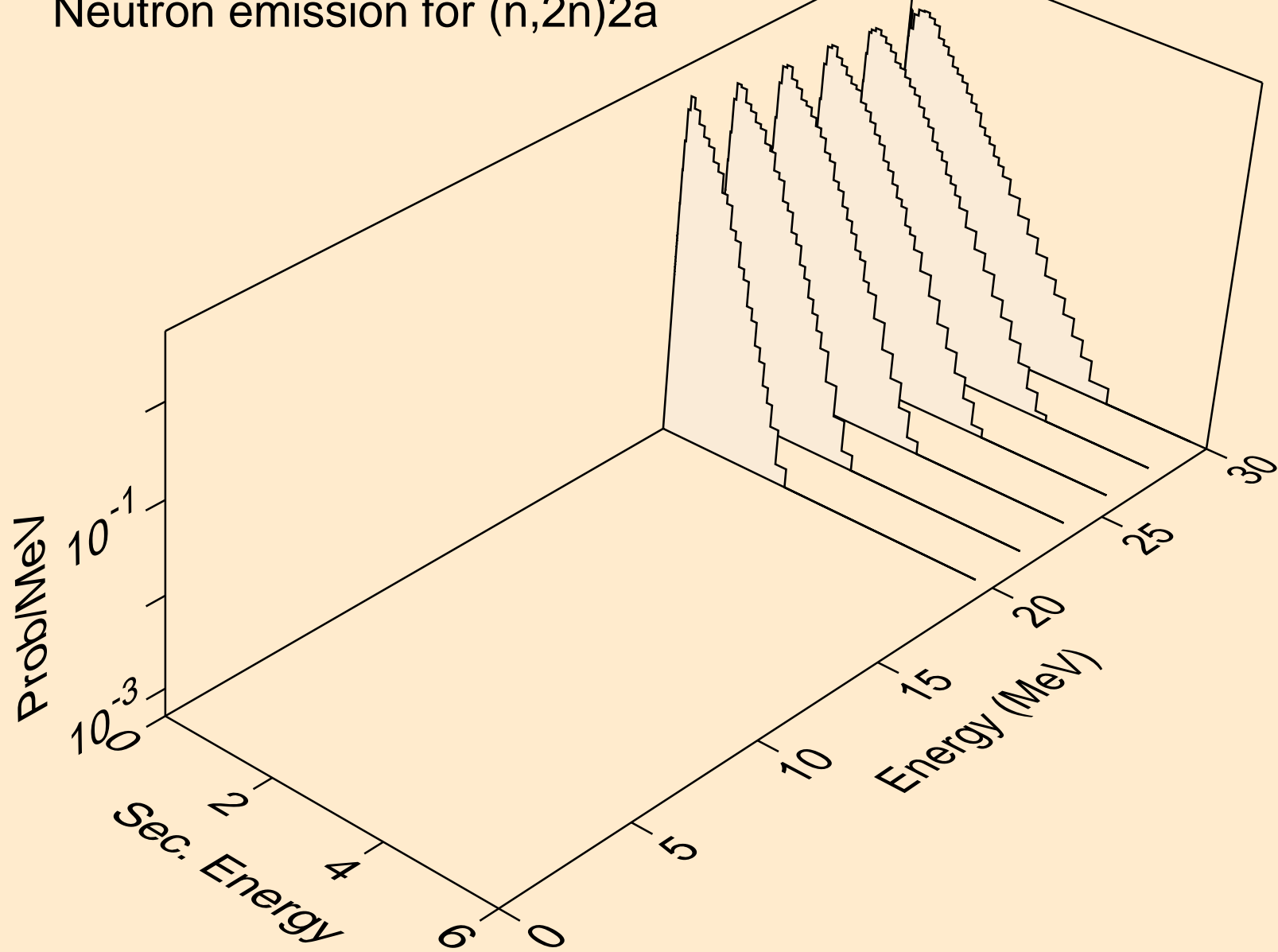
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



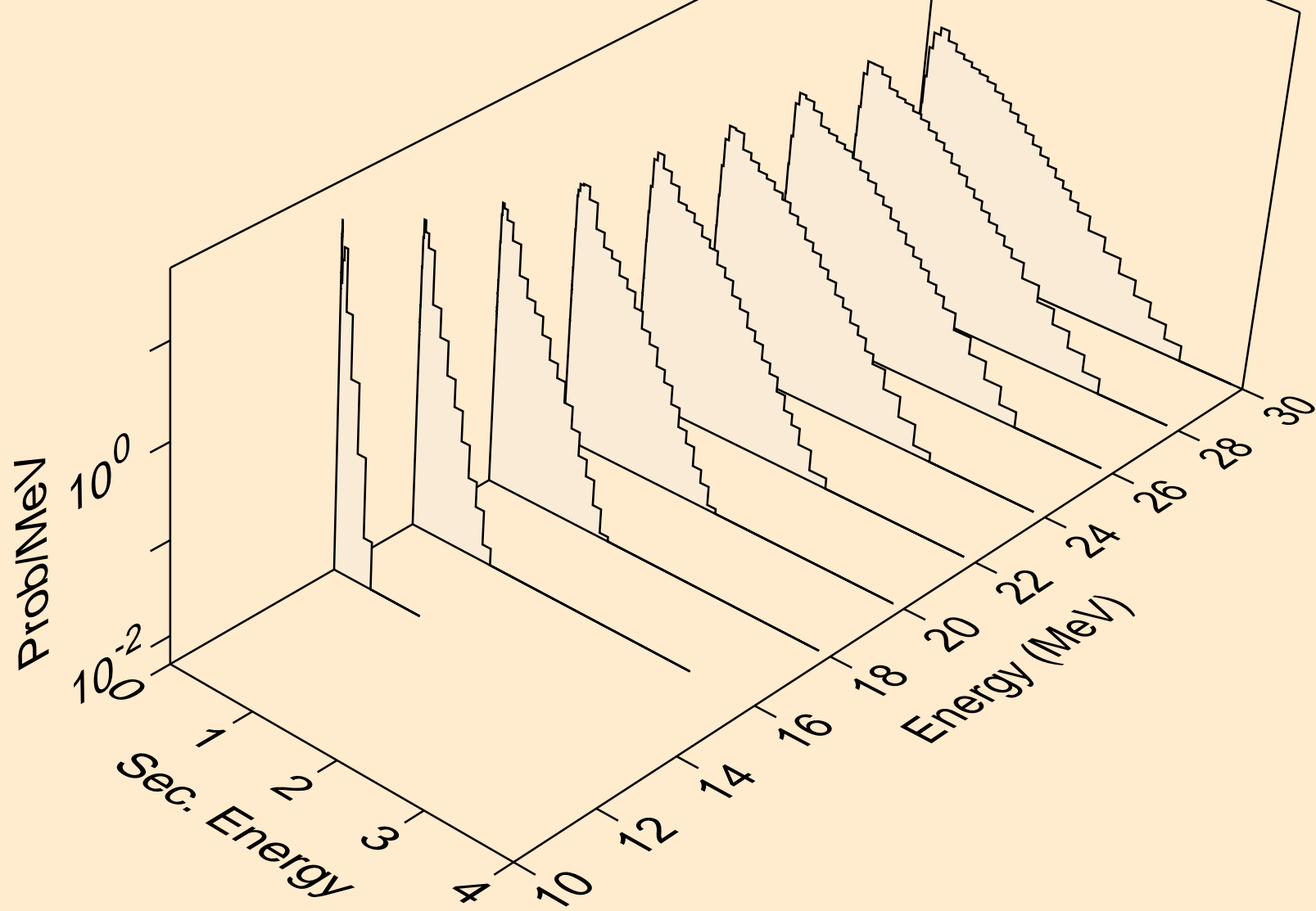
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Neutron emission for (n,n\*)2a



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

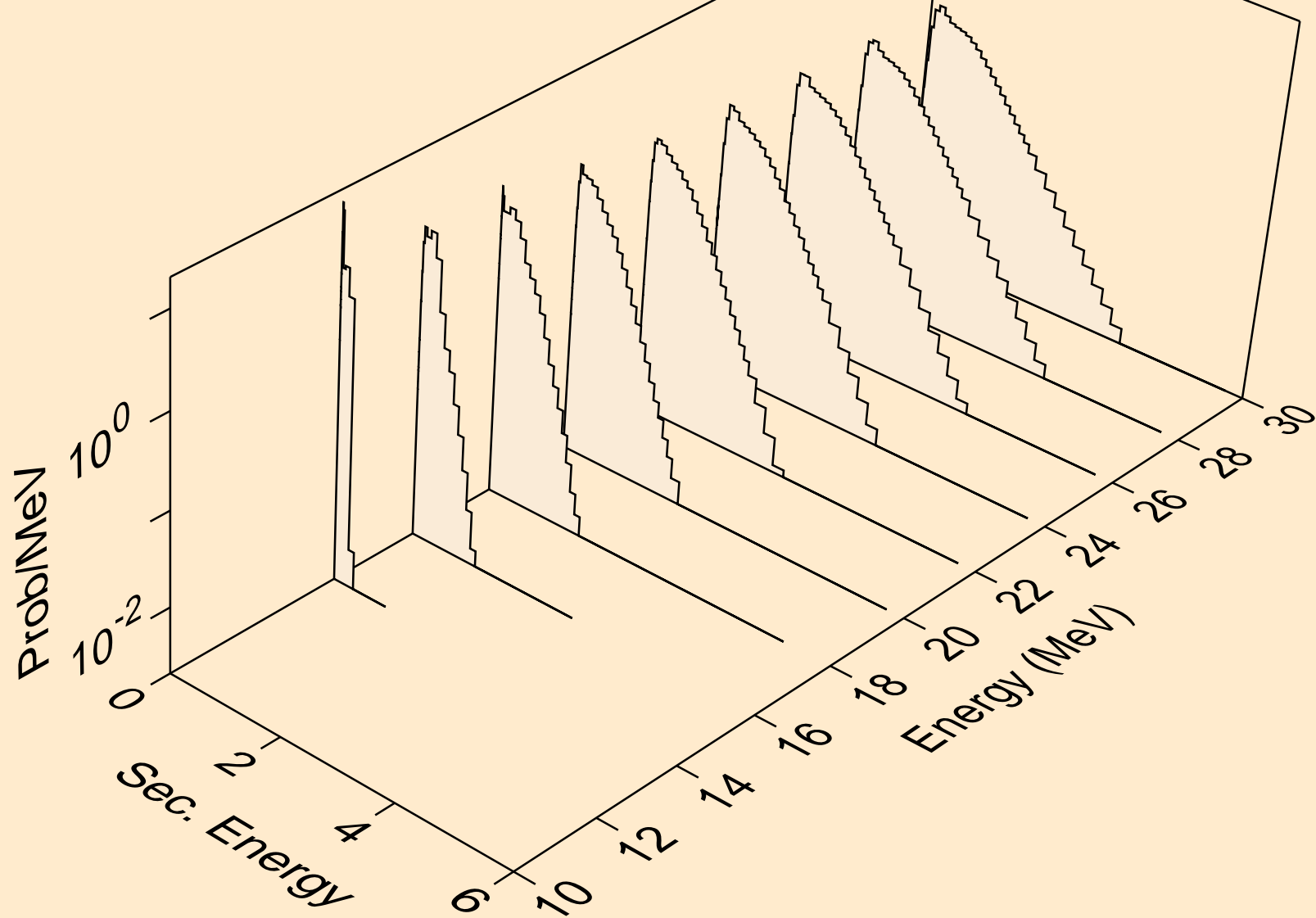


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

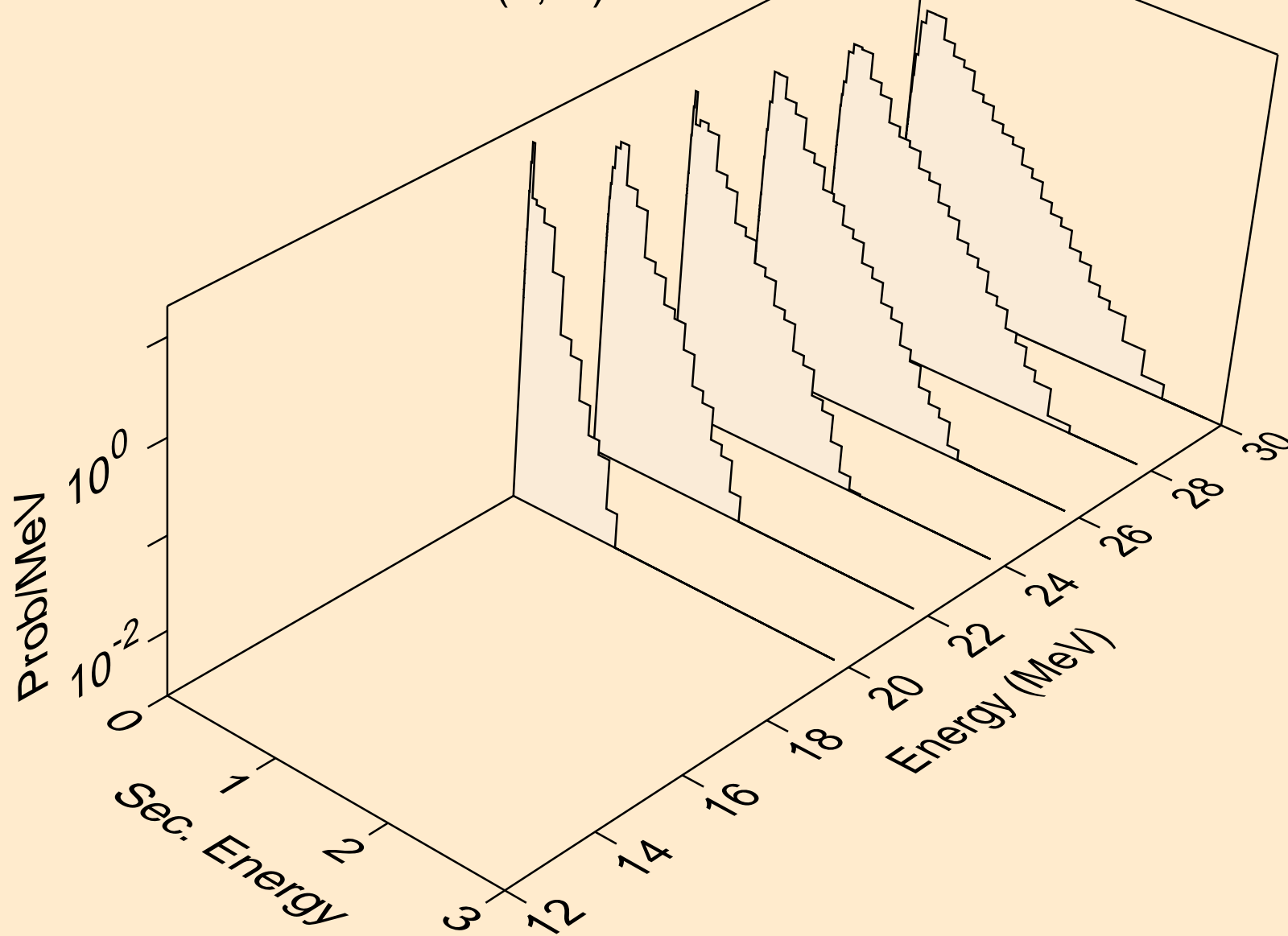




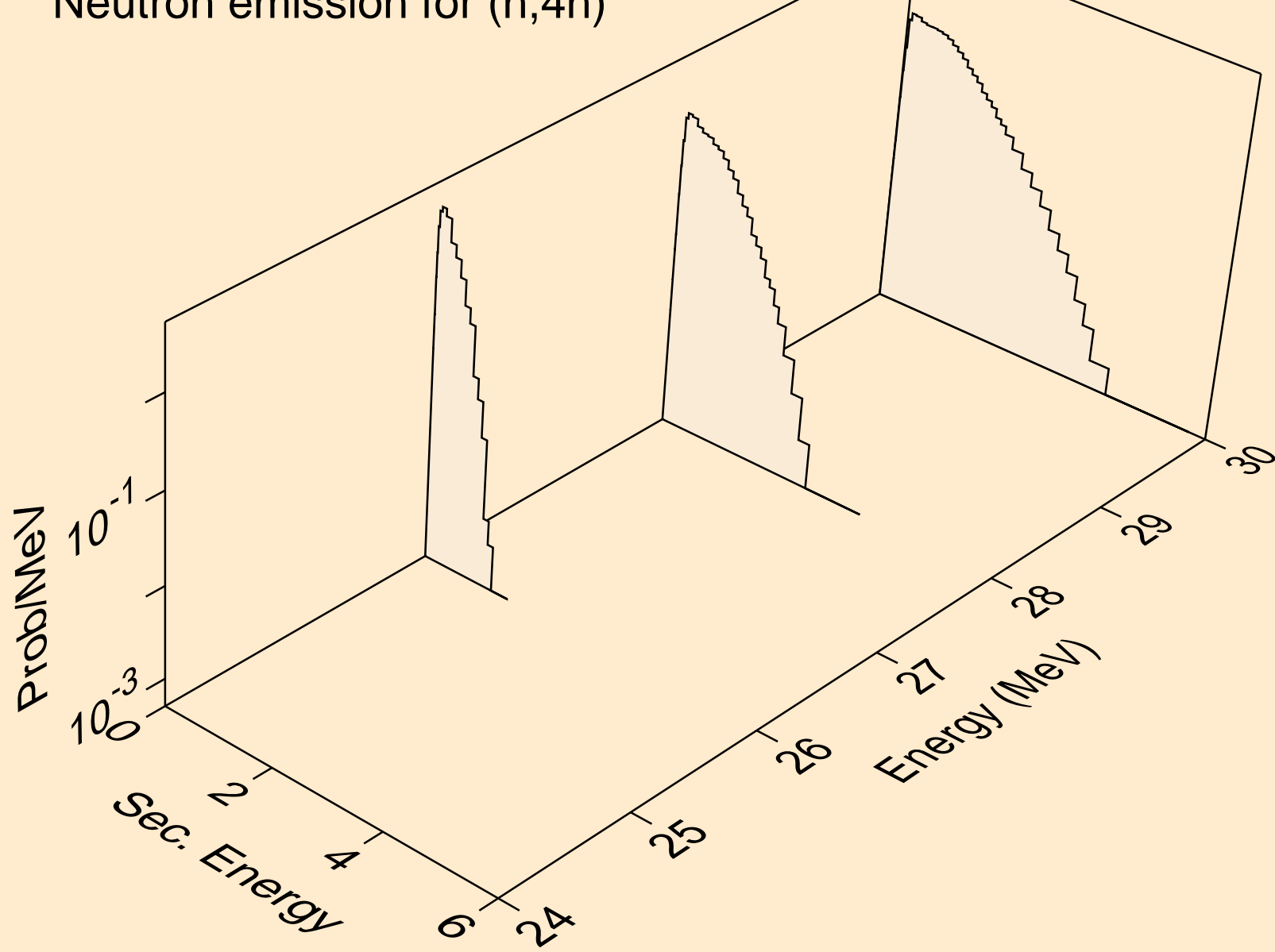
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



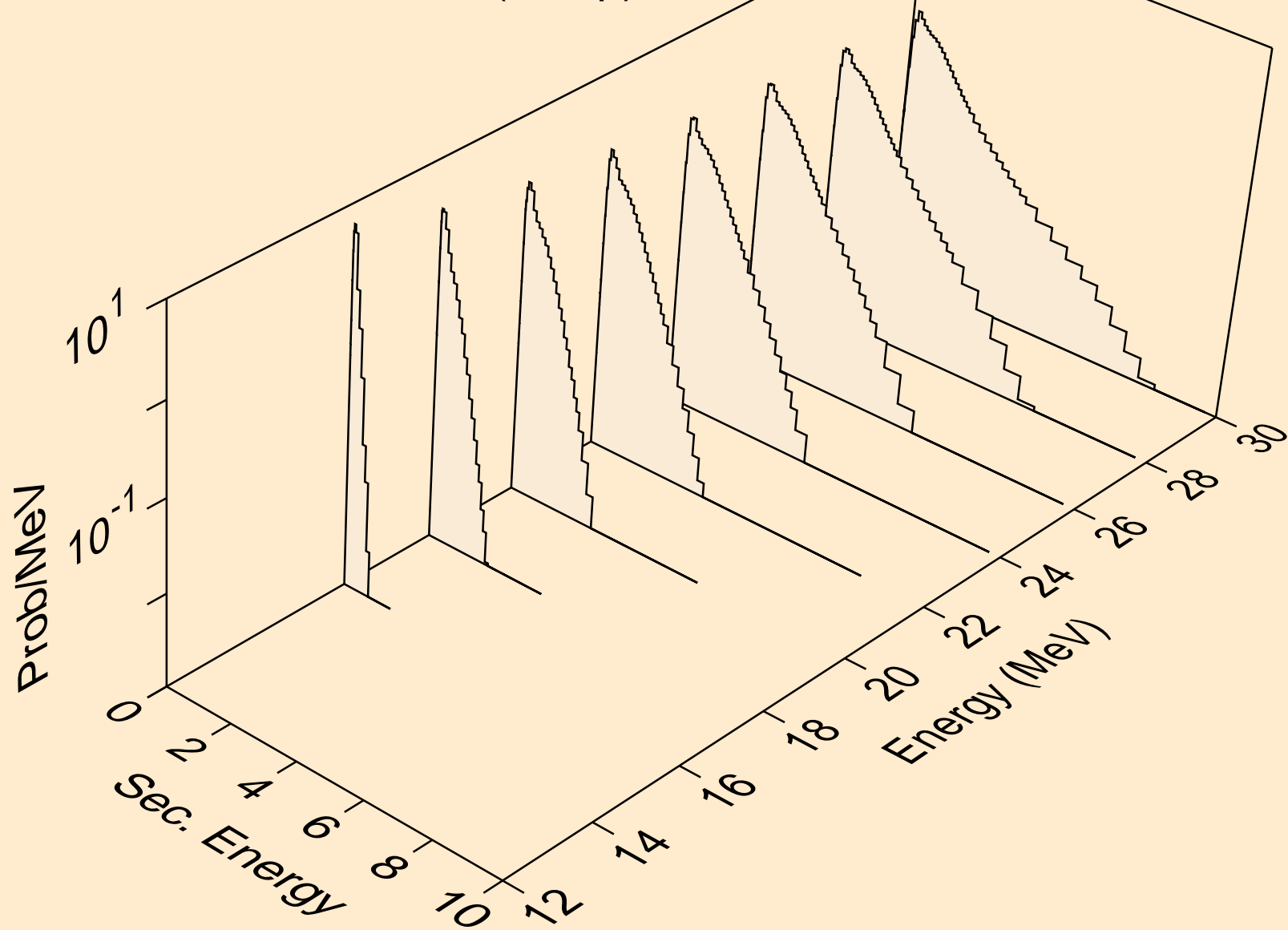
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



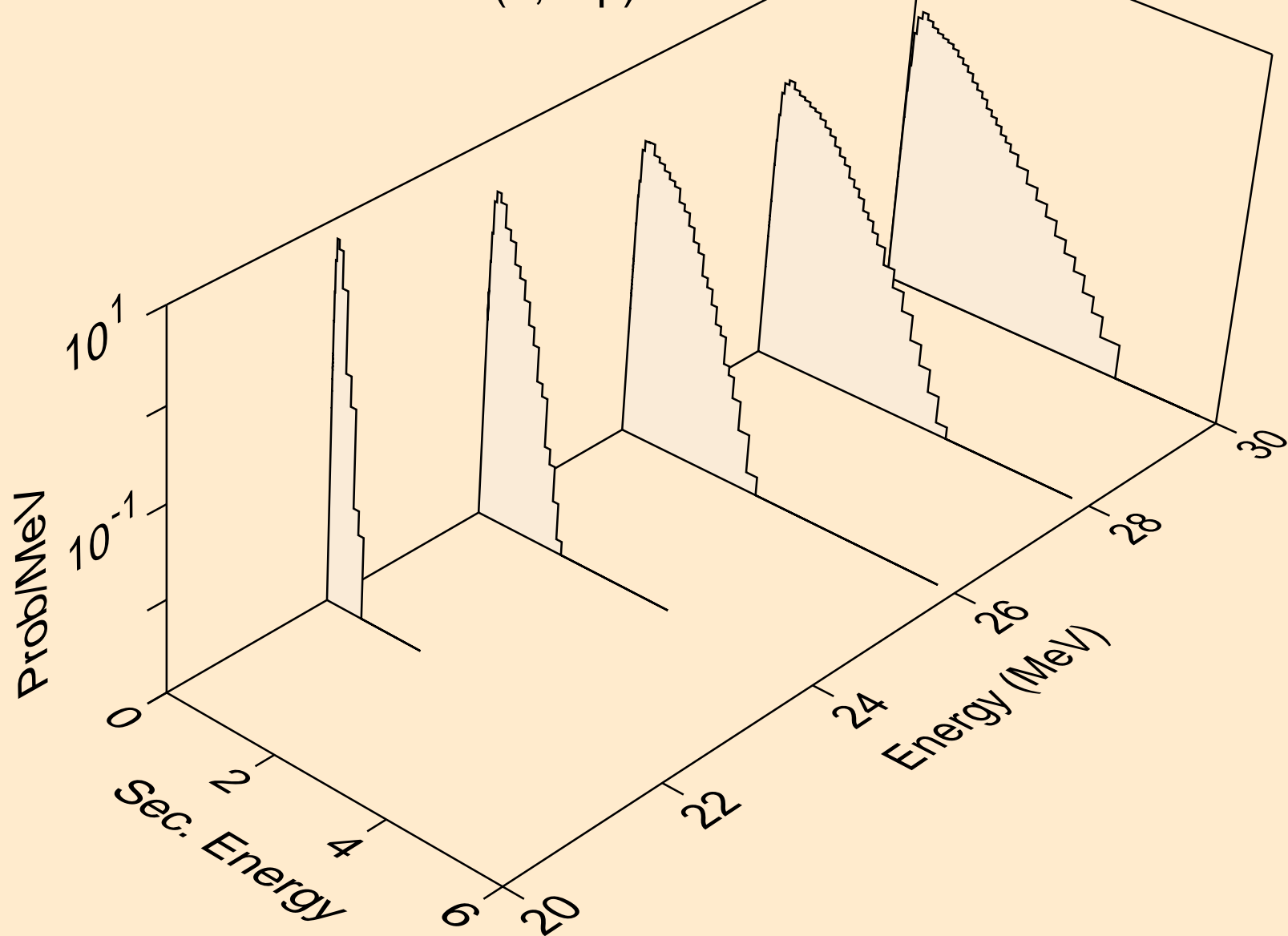
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



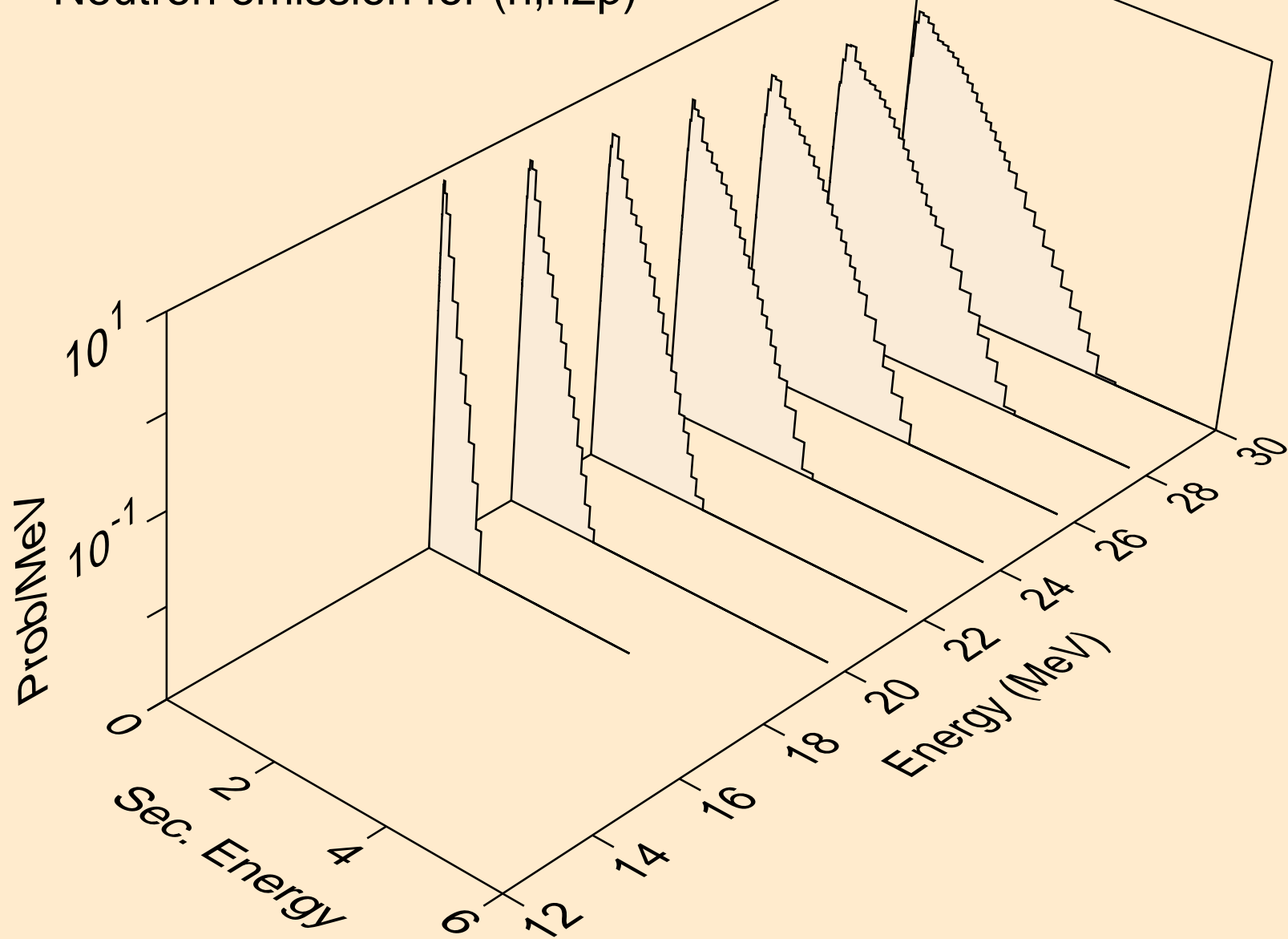
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Neutron emission for (n,2np)



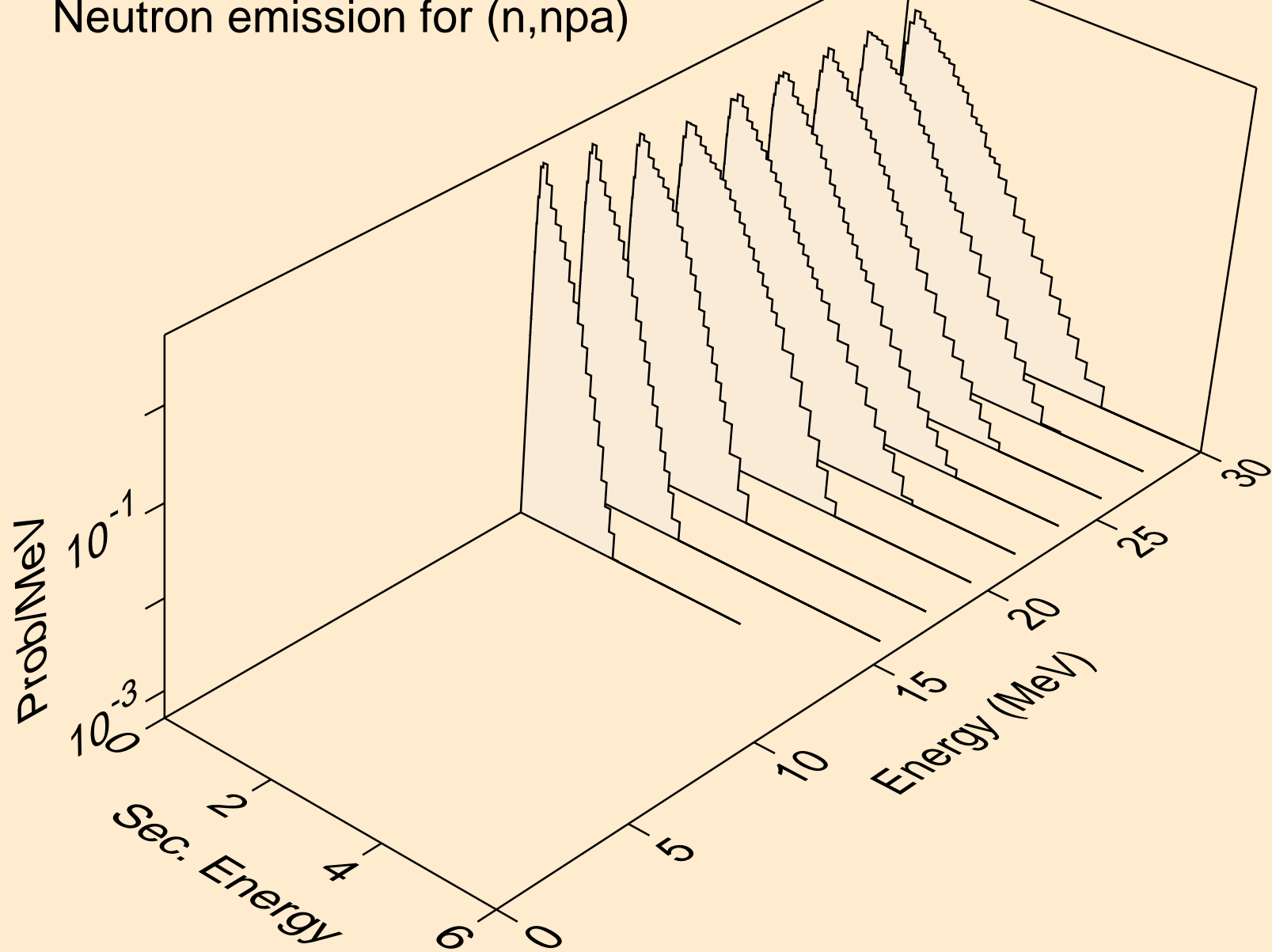
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Neutron emission for (n,3np)



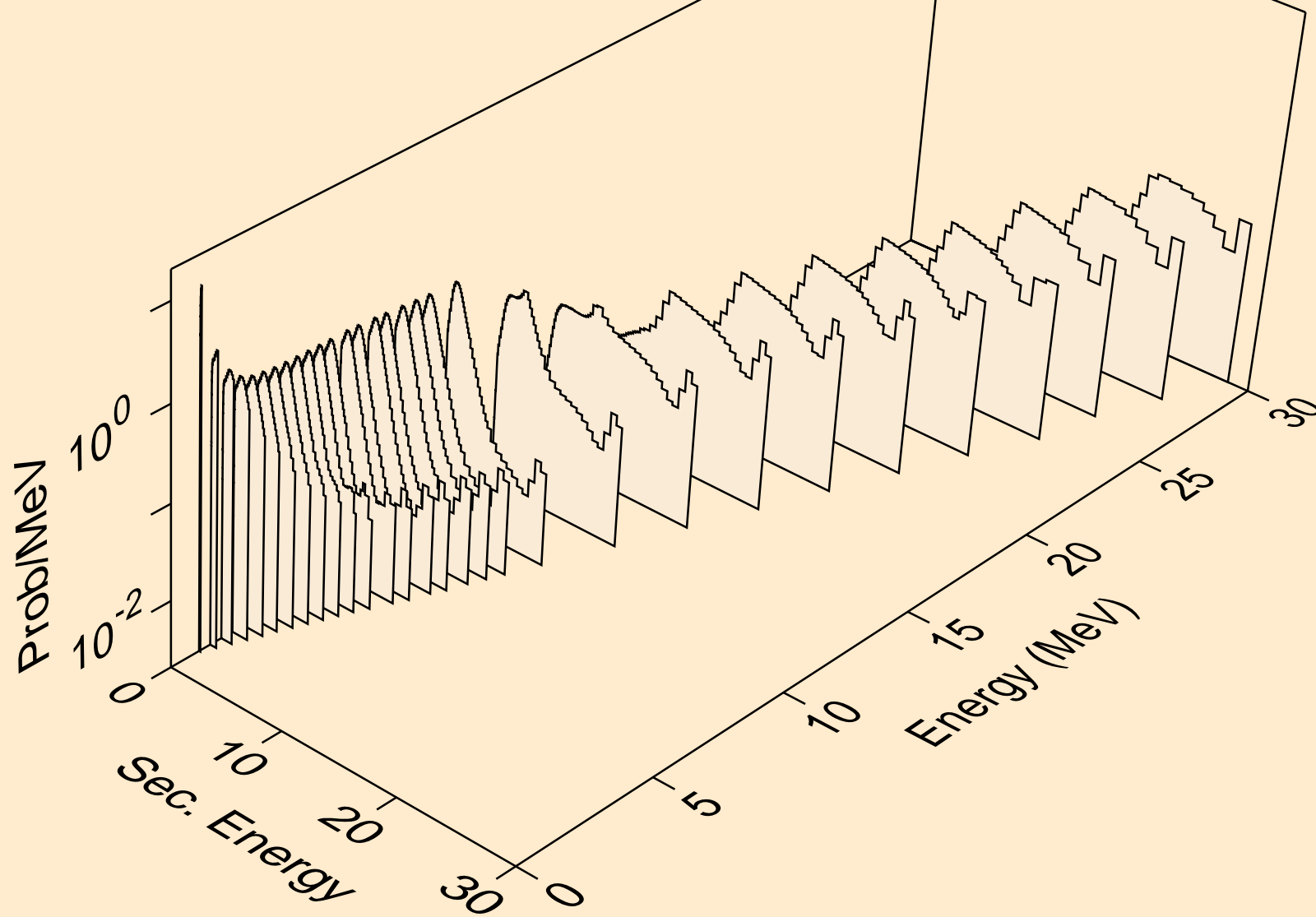
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

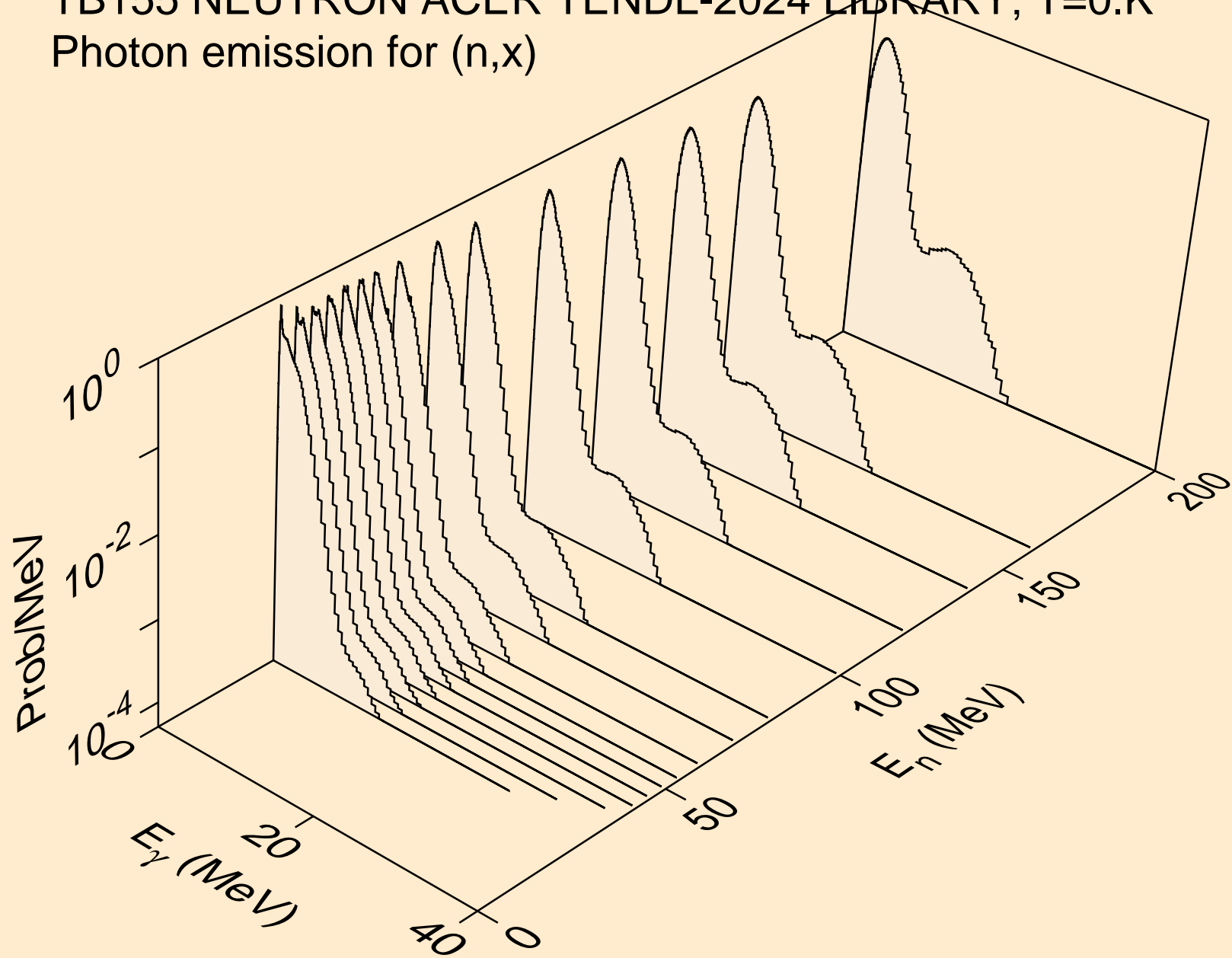


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

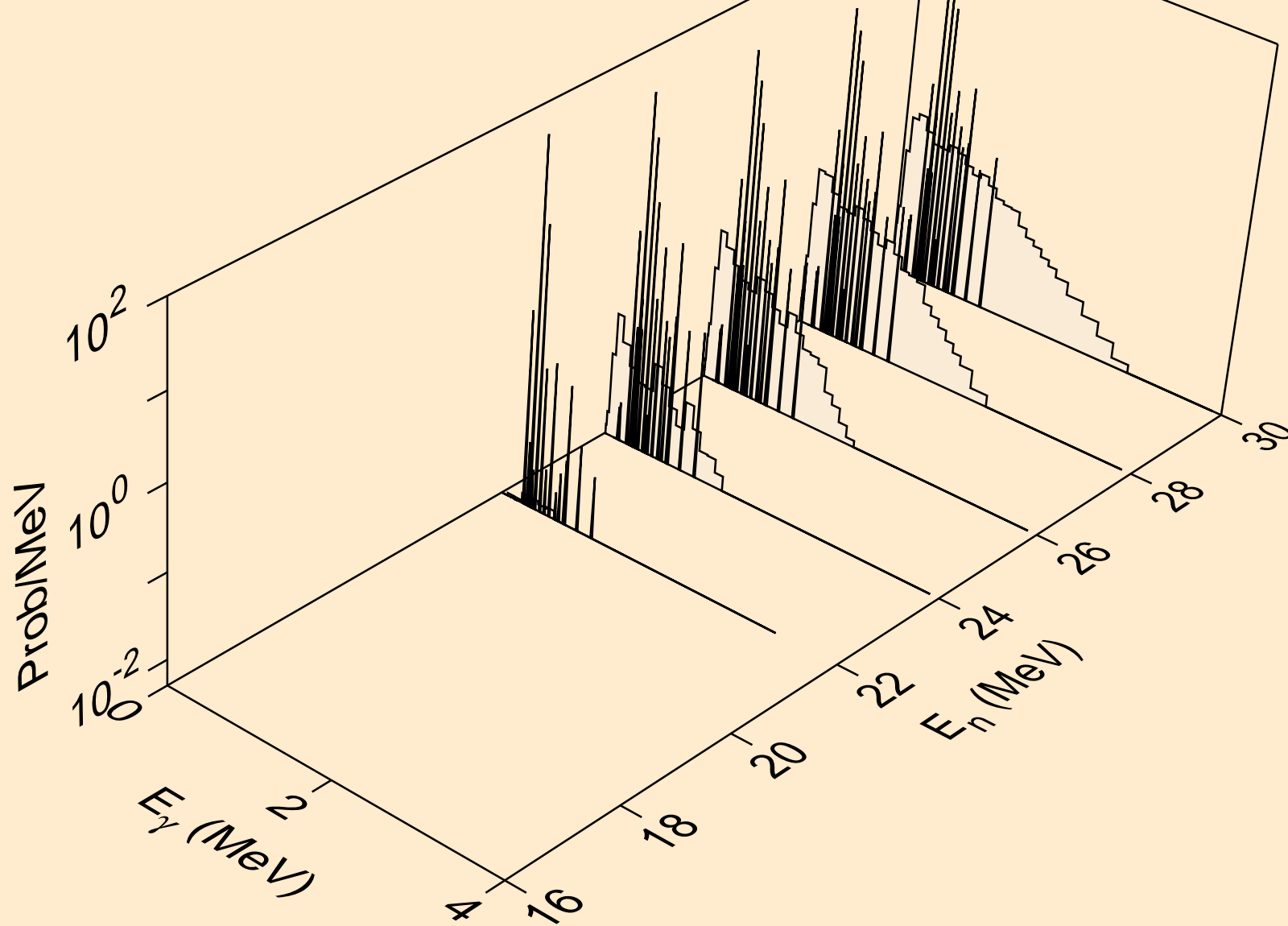




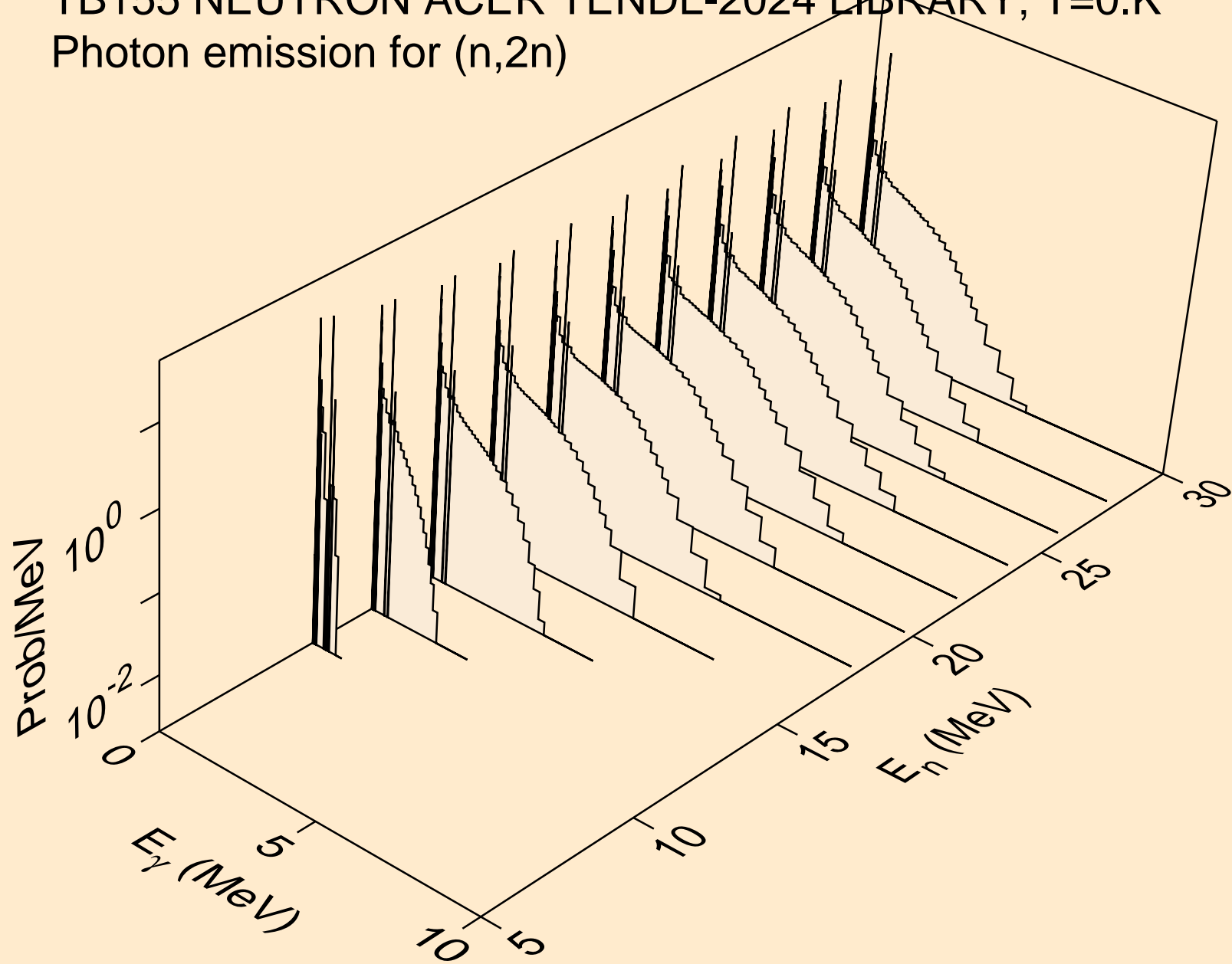
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Photon emission for (n,x)



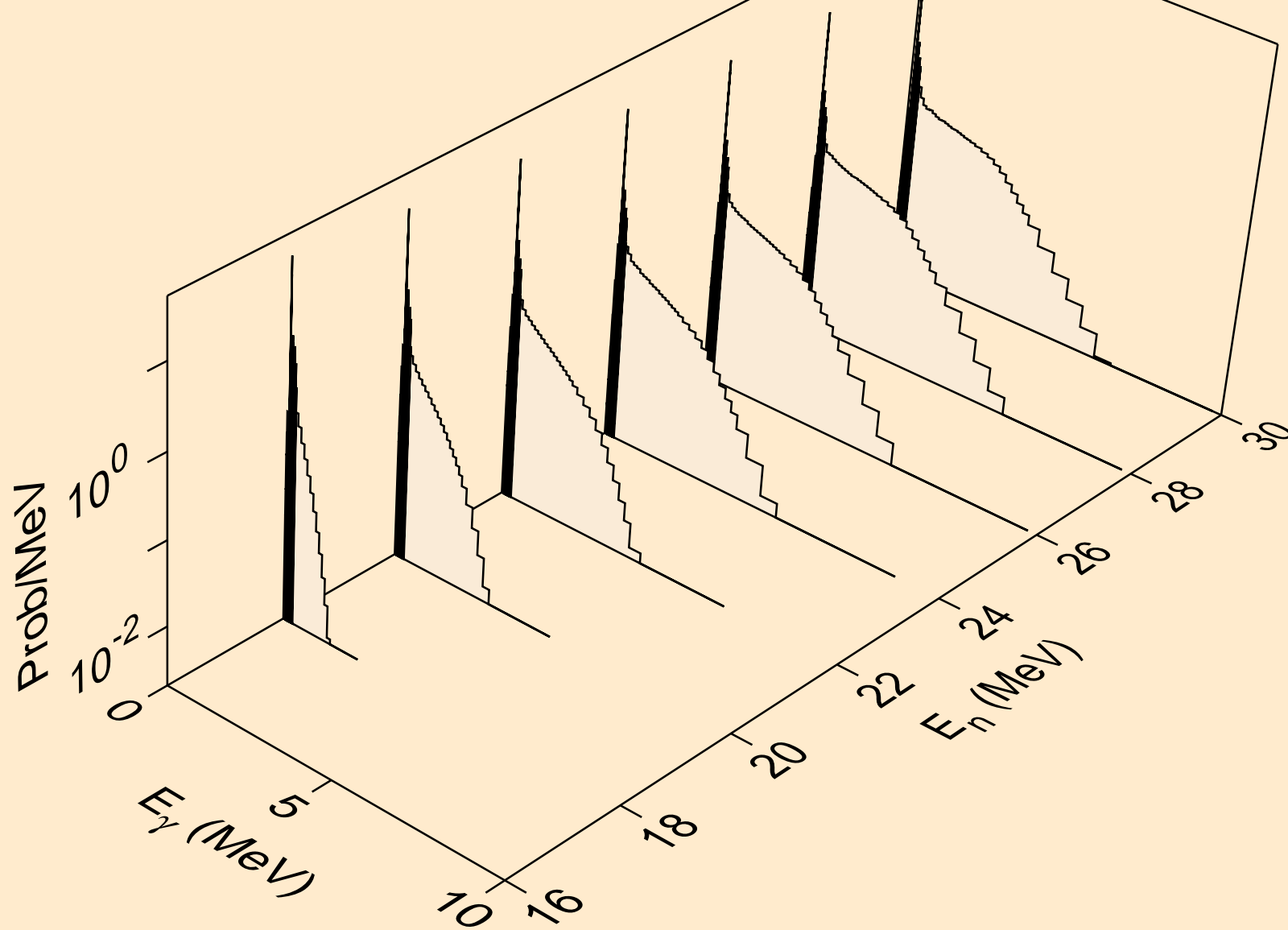
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Photon emission for (n,2nd)



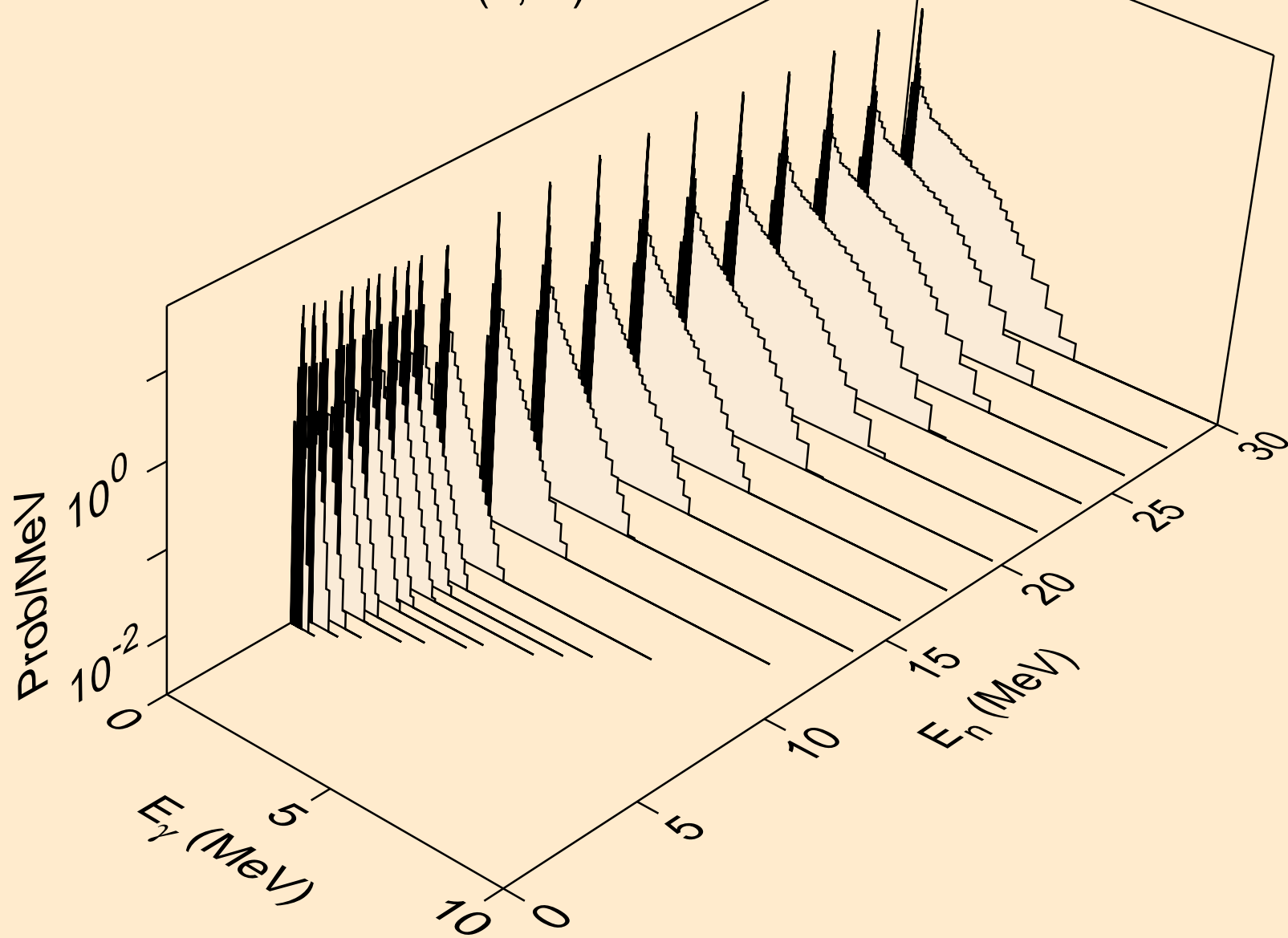
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Photon emission for (n,2n)



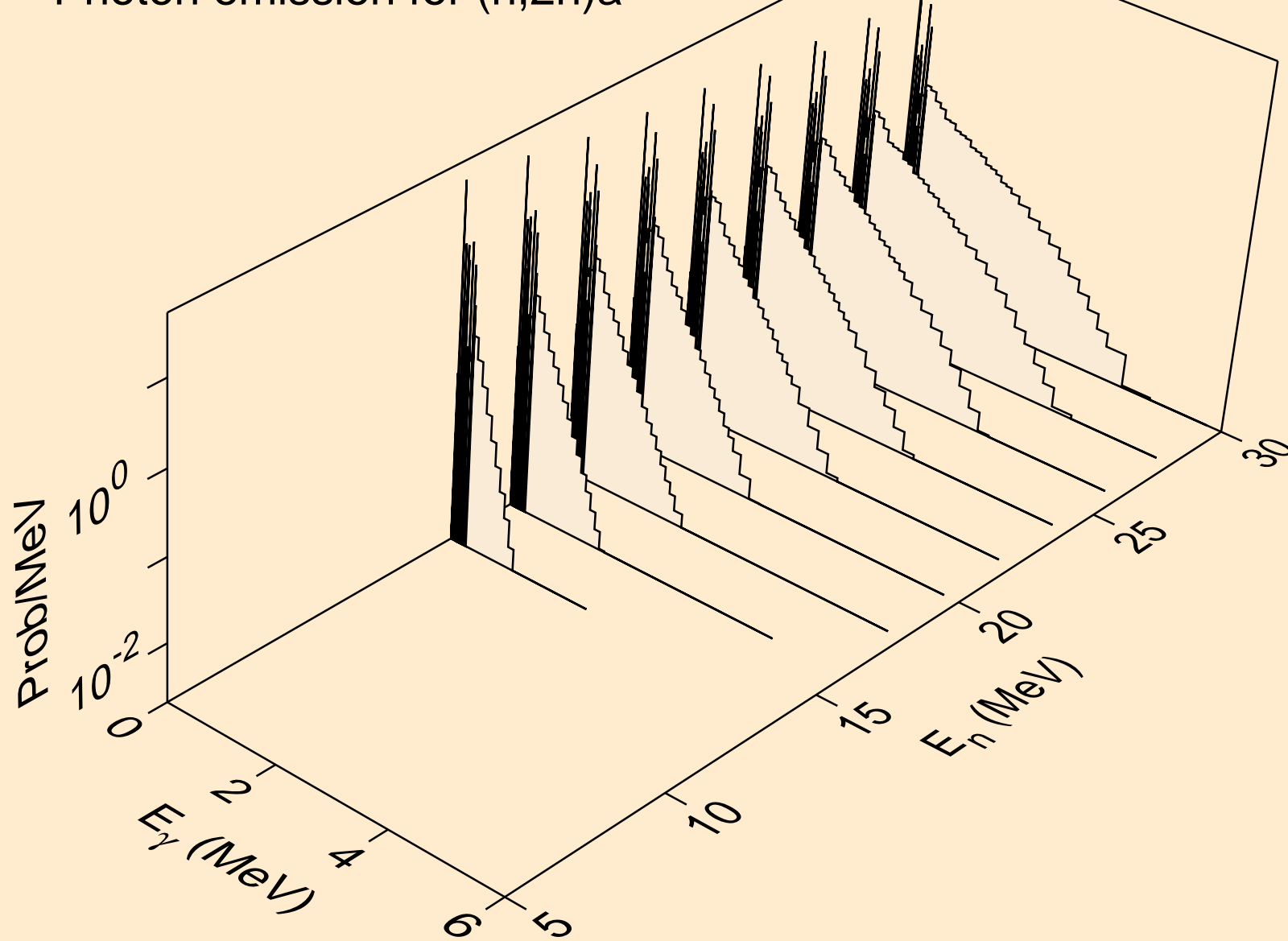
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Photon emission for (n,3n)



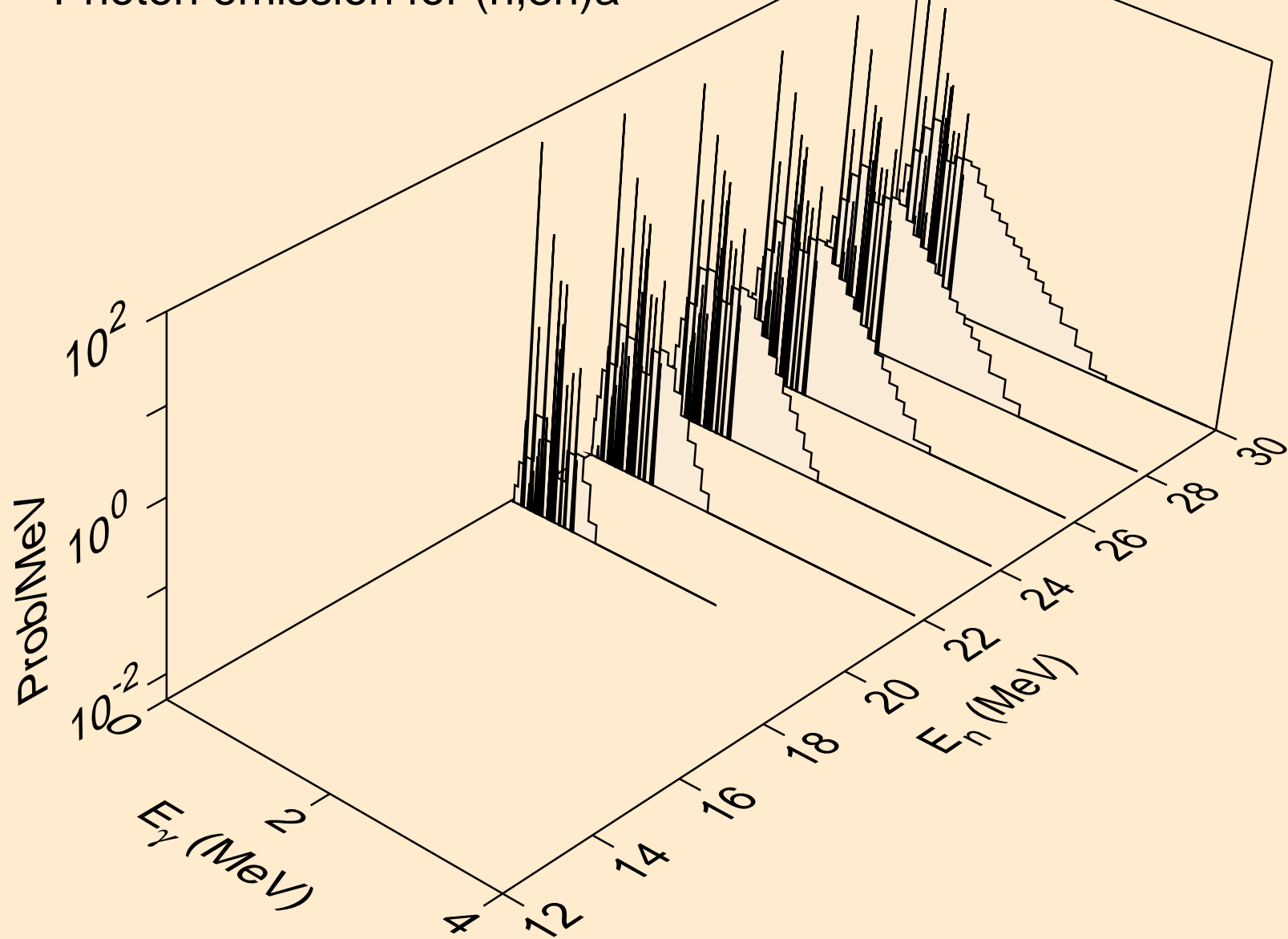
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Photon emission for (n,n\*)a



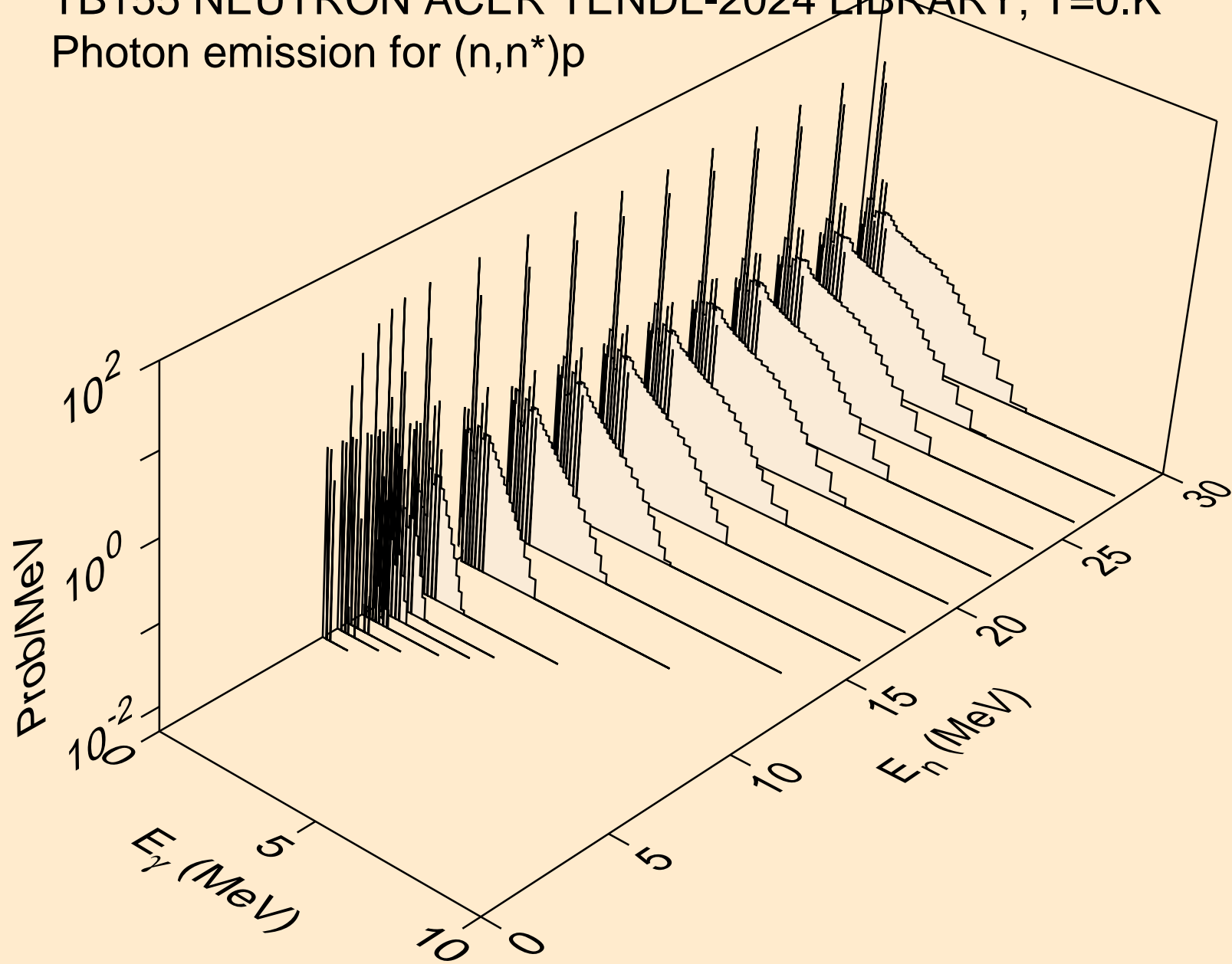
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



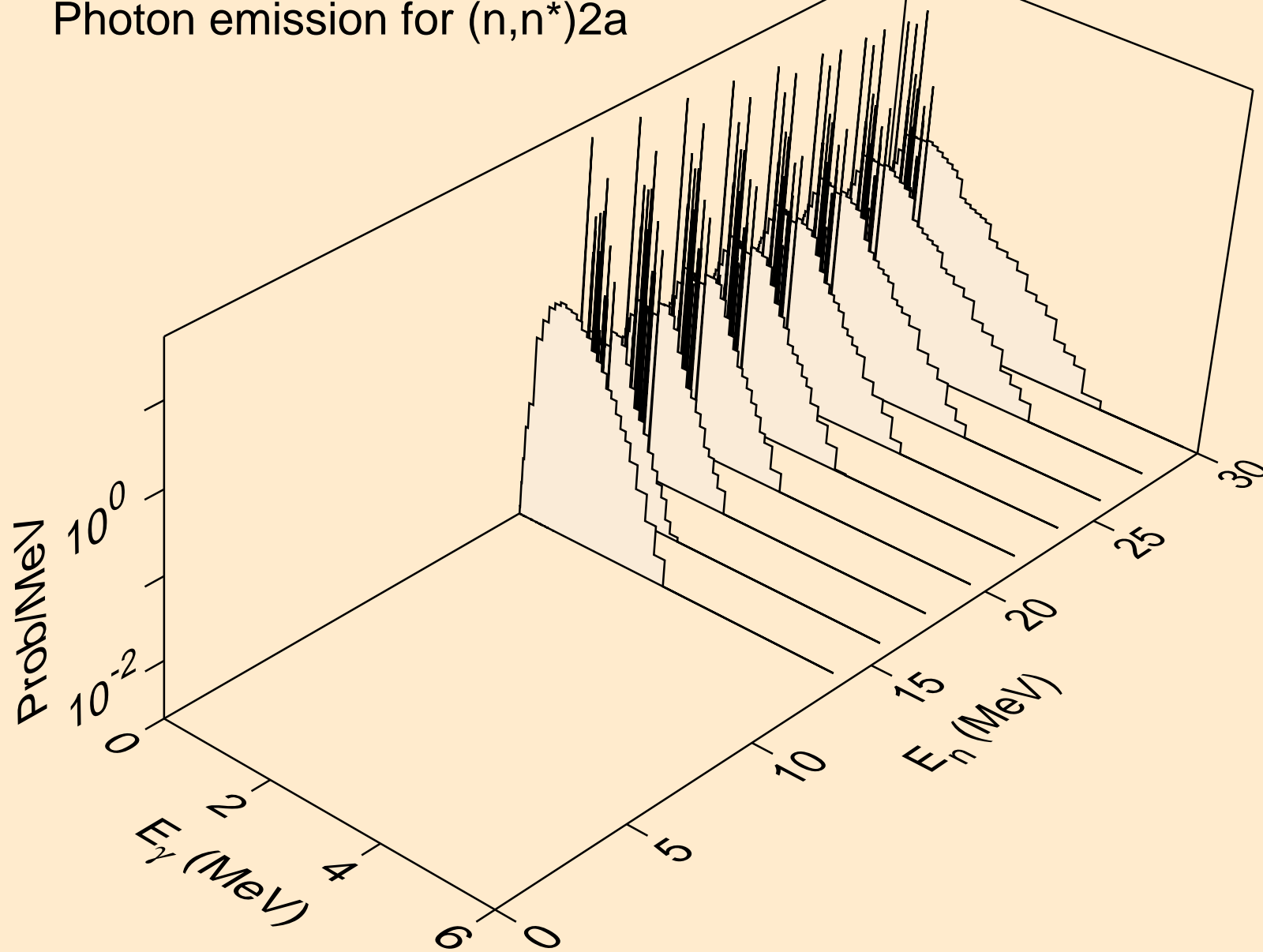
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Photon emission for (n,n\*)p



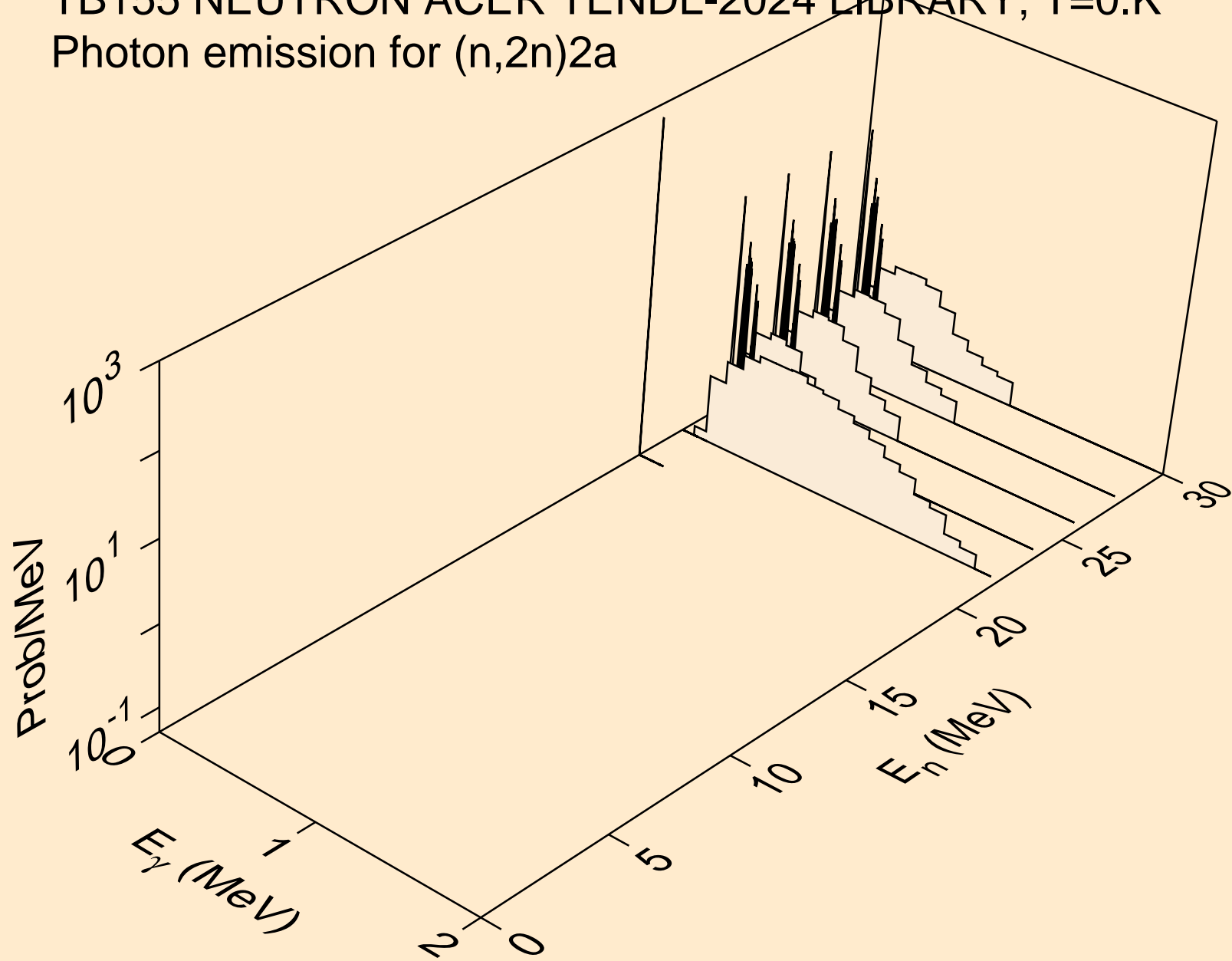


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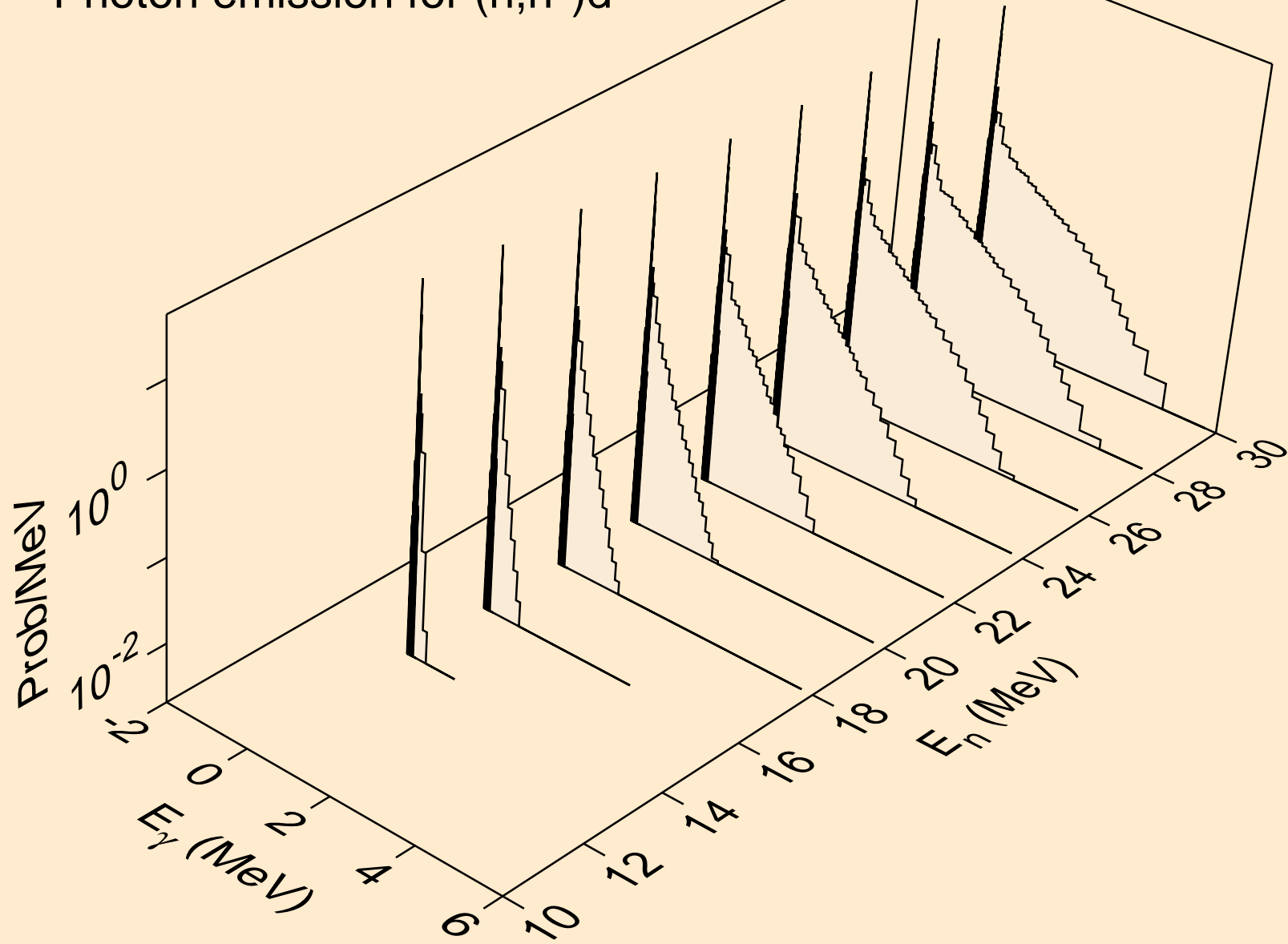
Photon emission for (n,n\*)2a



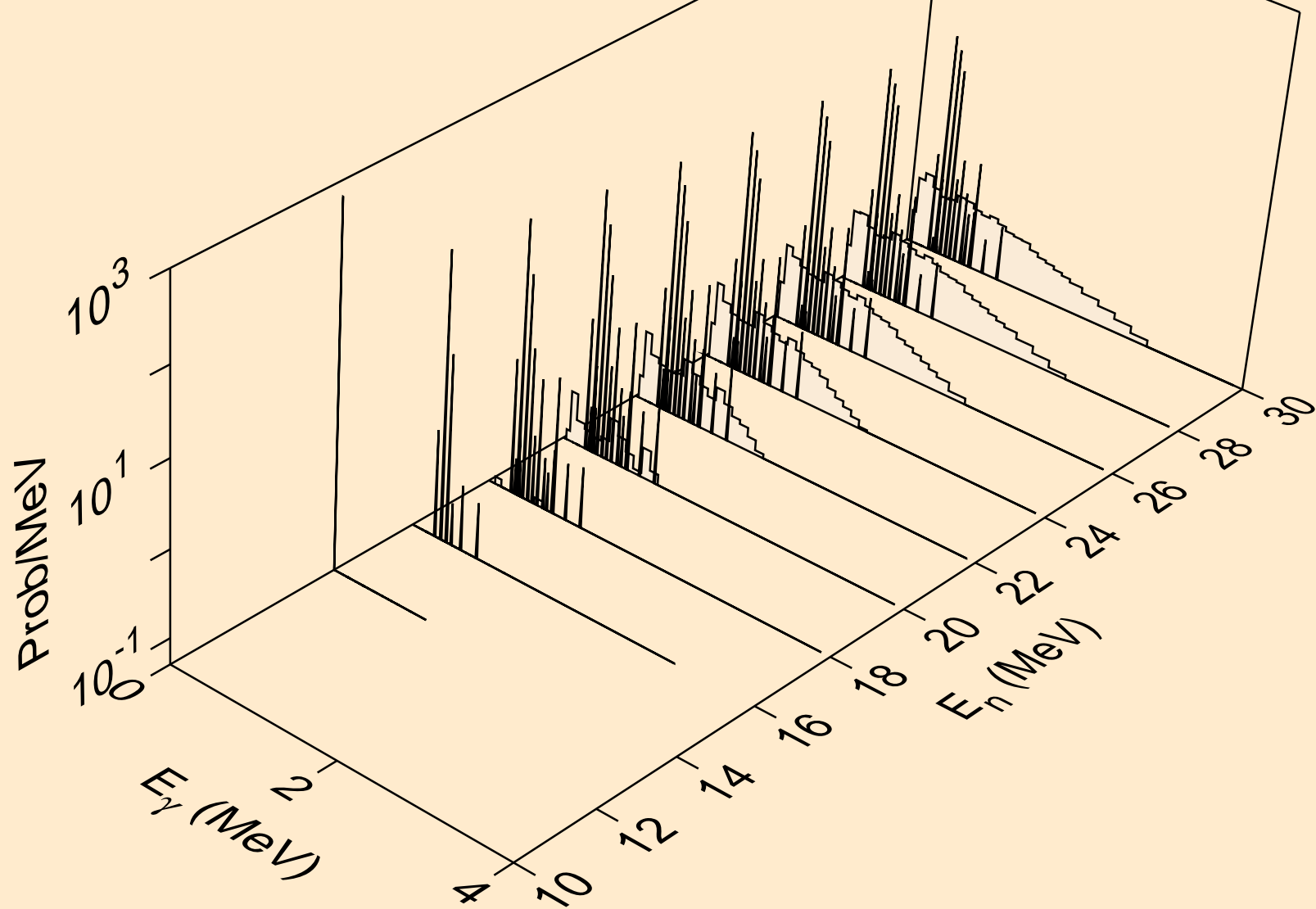
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Photon emission for (n,2n)2a



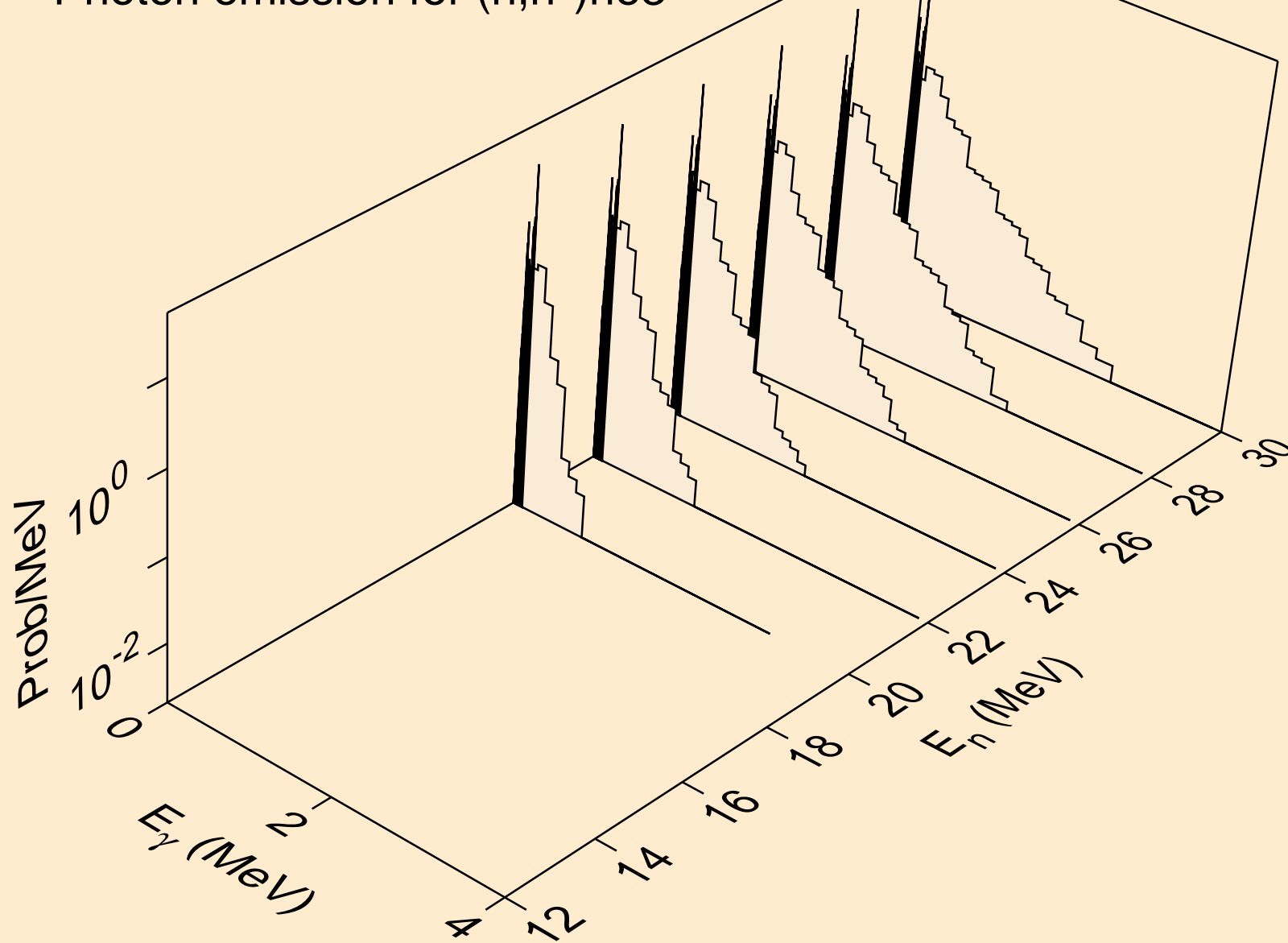
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Photon emission for (n,n\*)d



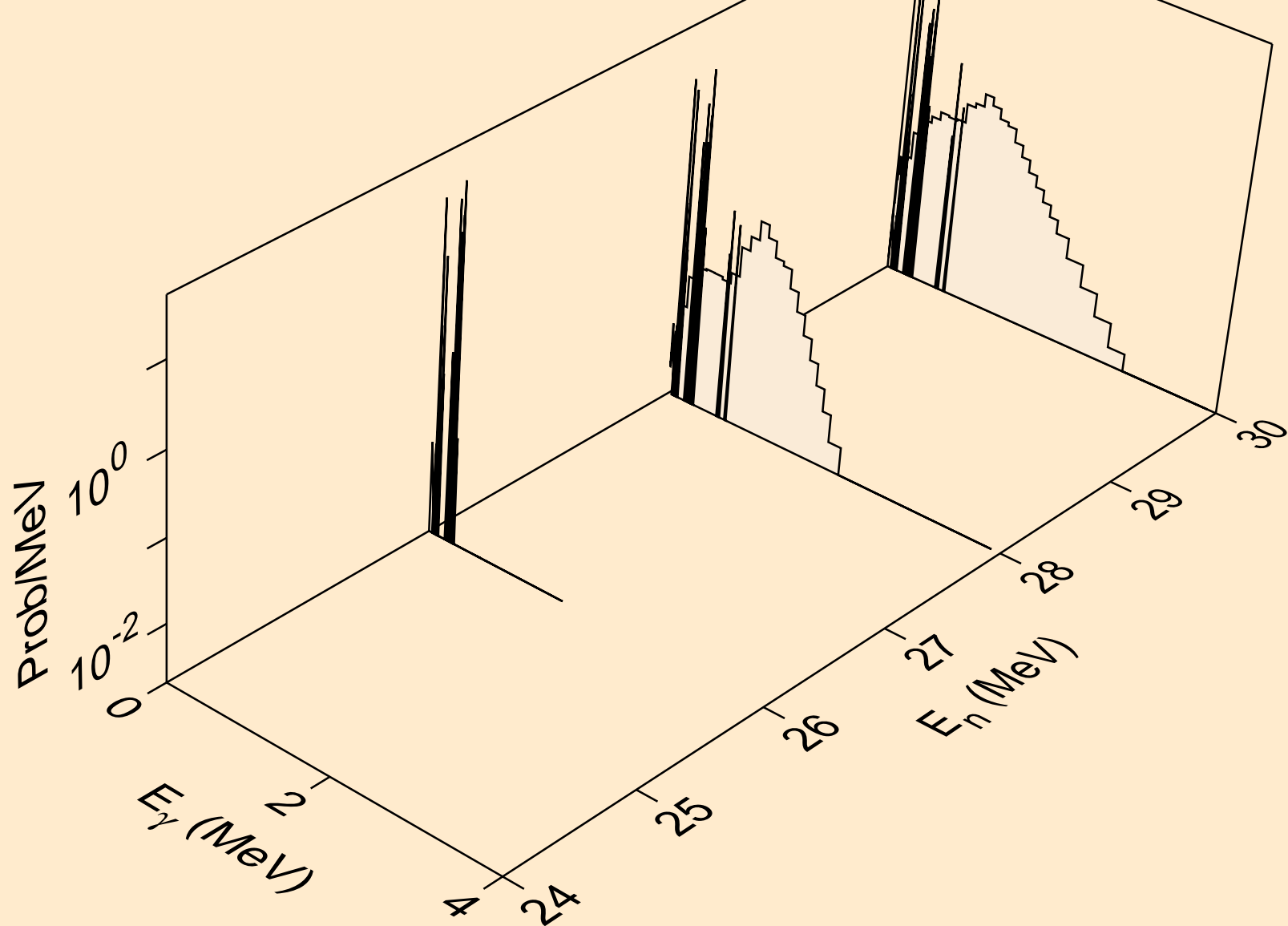
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Photon emission for (n,n\*)t



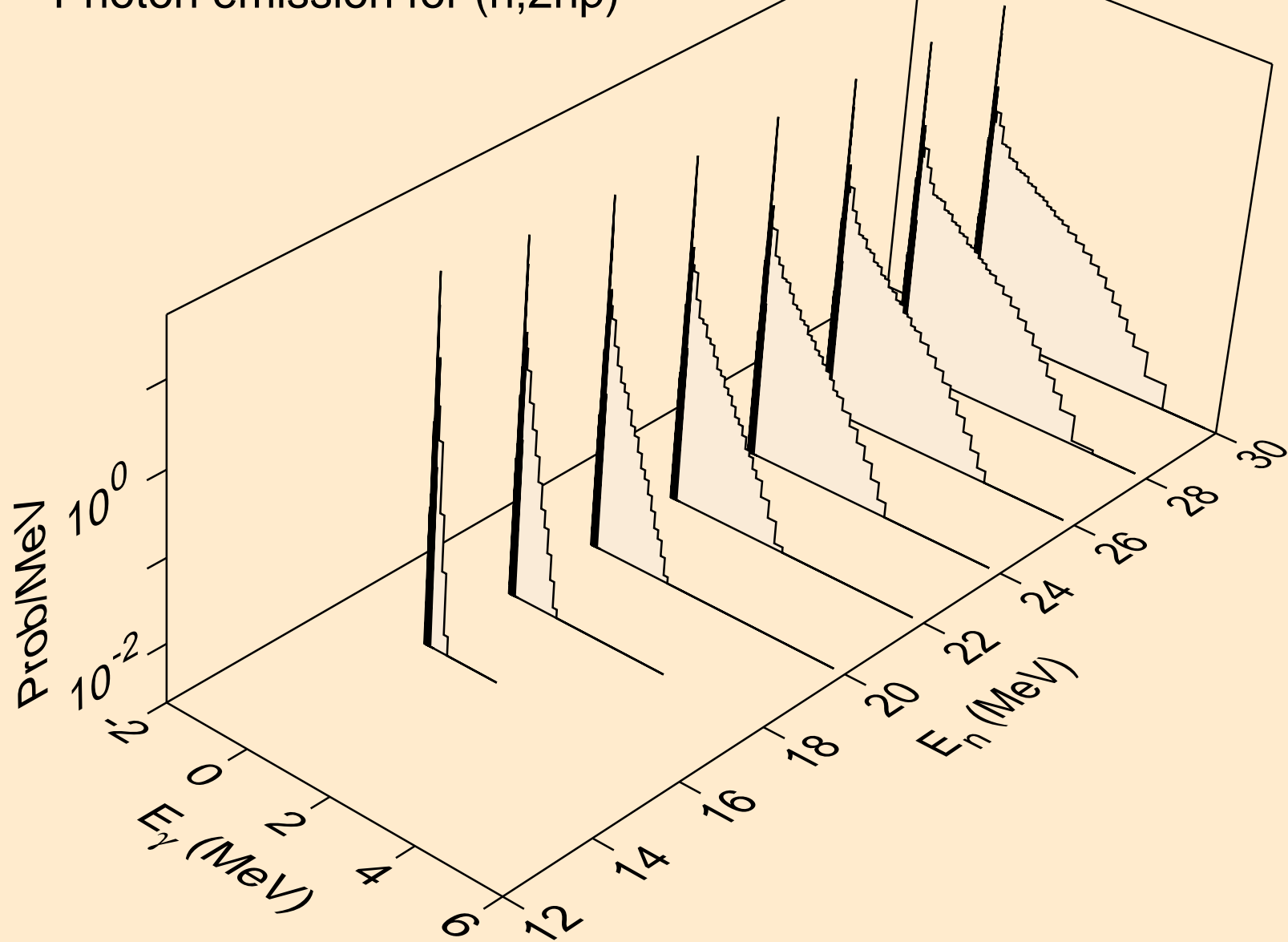
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Photon emission for (n,n\*)he3



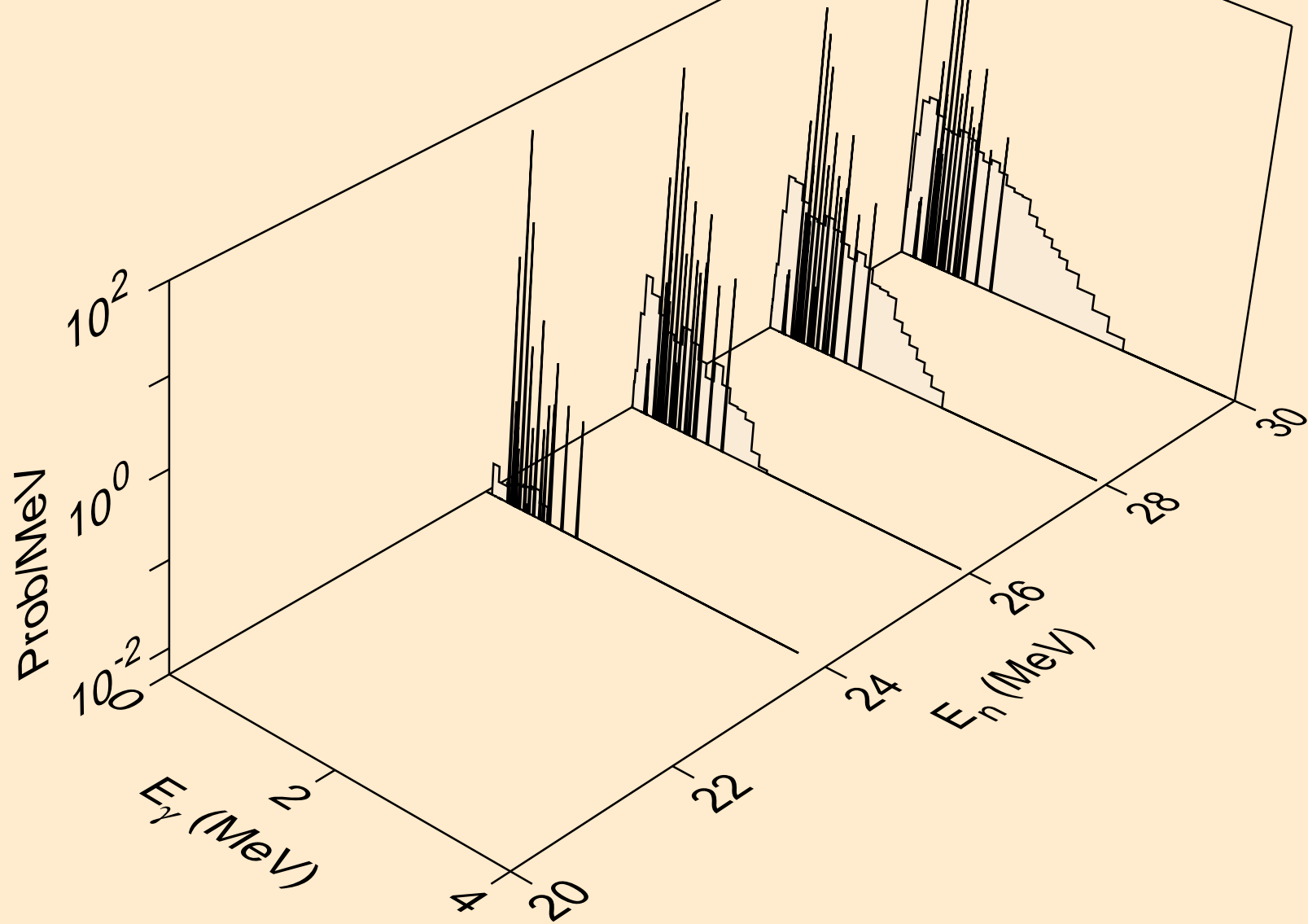
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

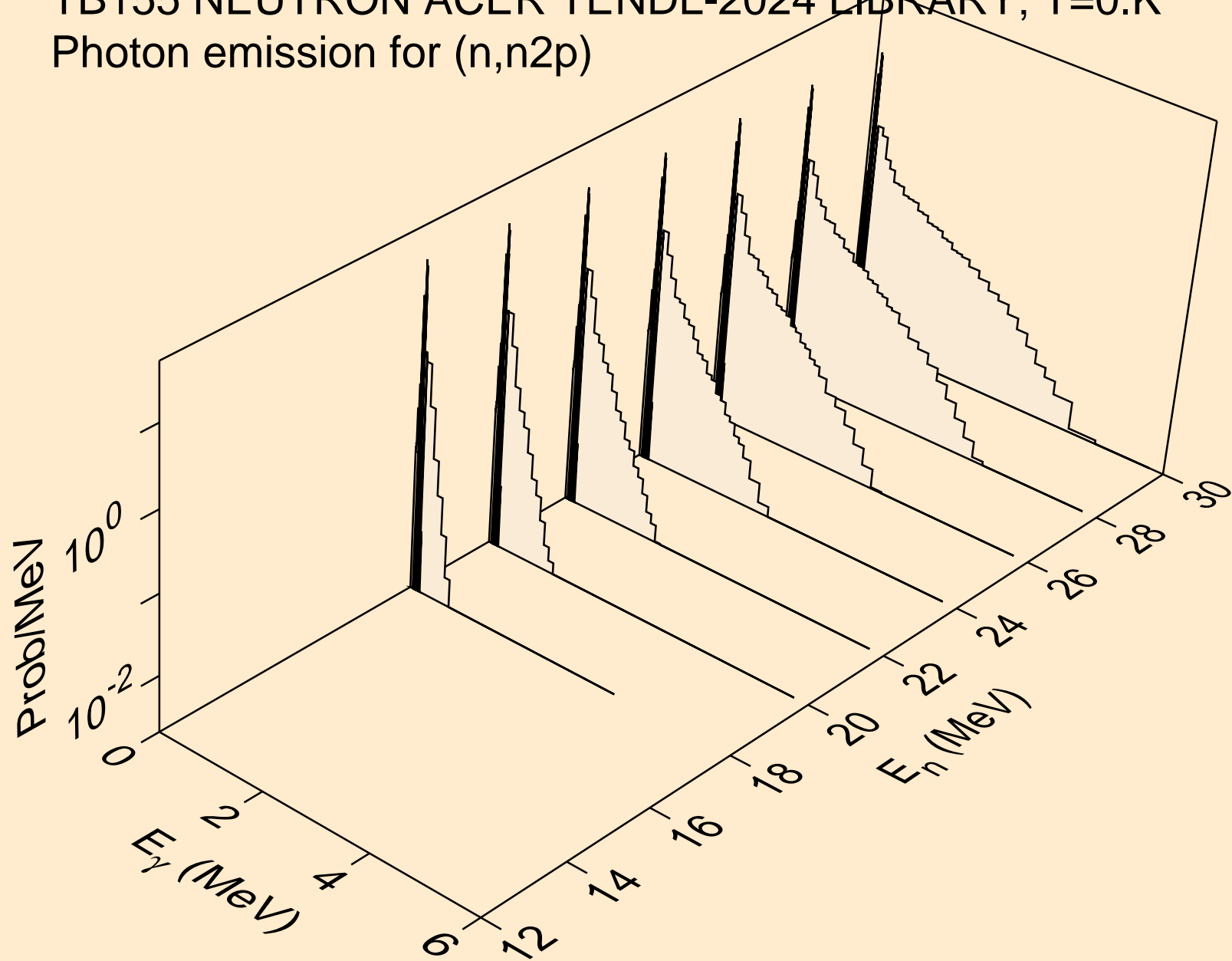


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Photon emission for (n,3np)

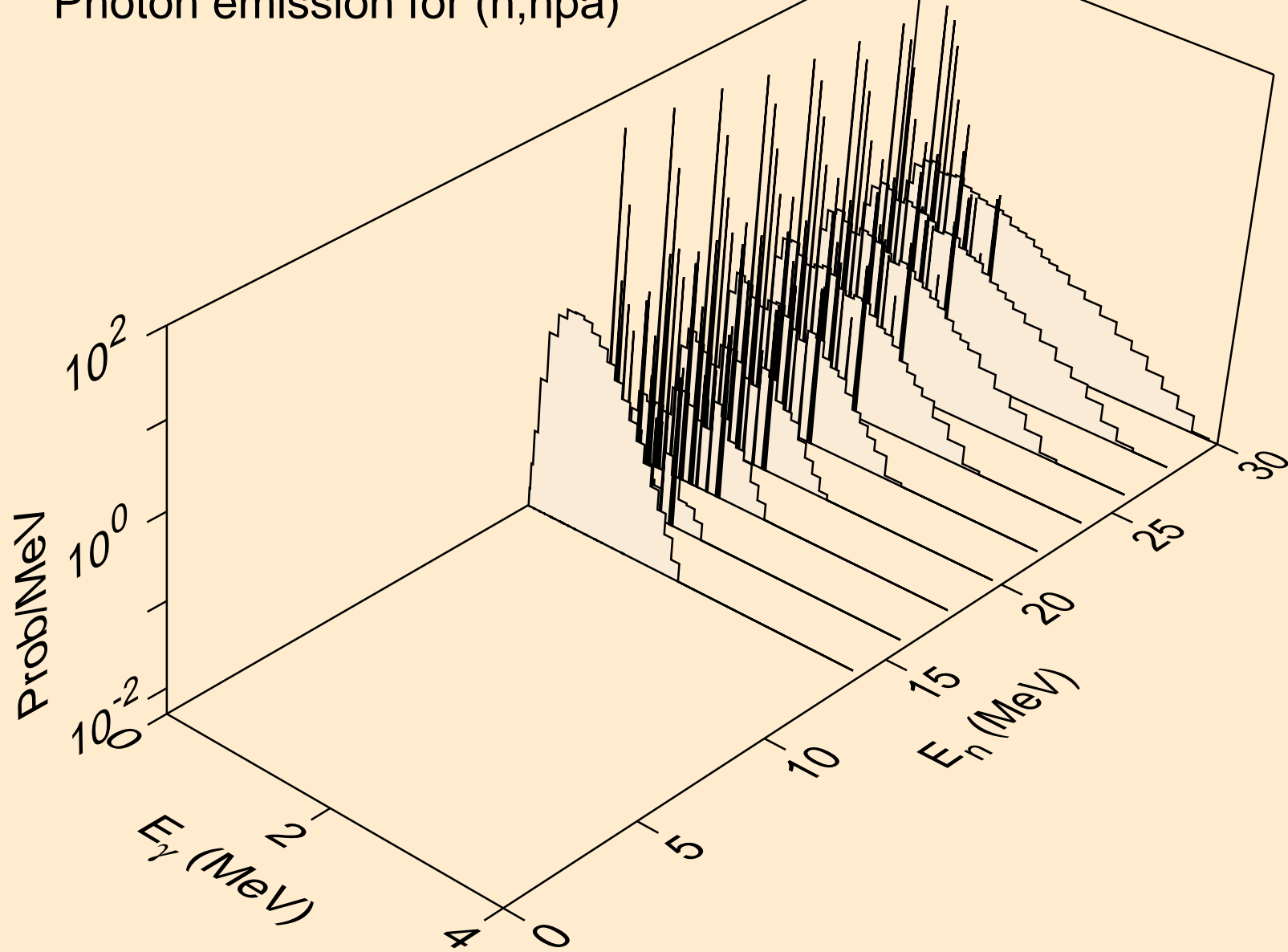




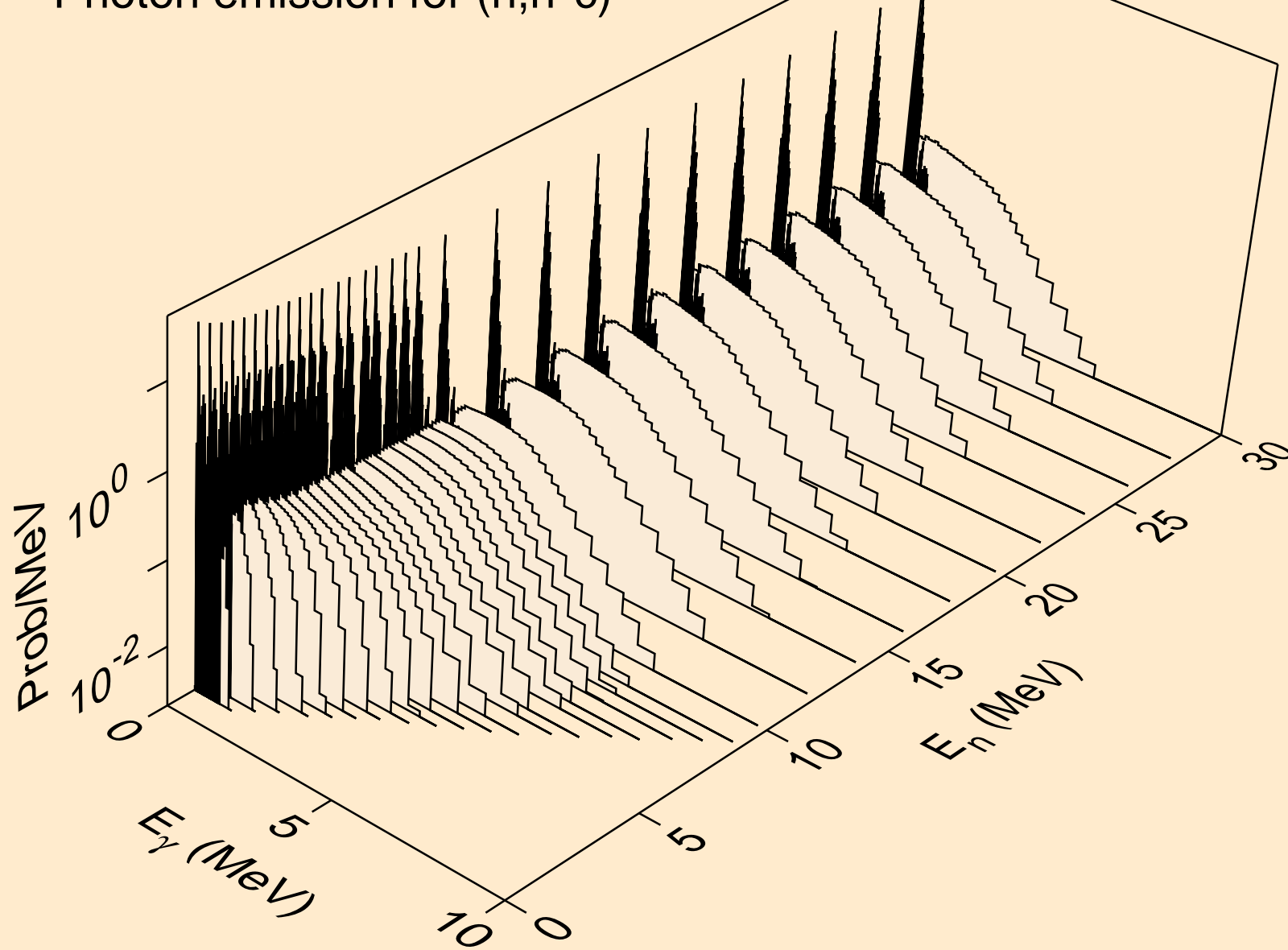
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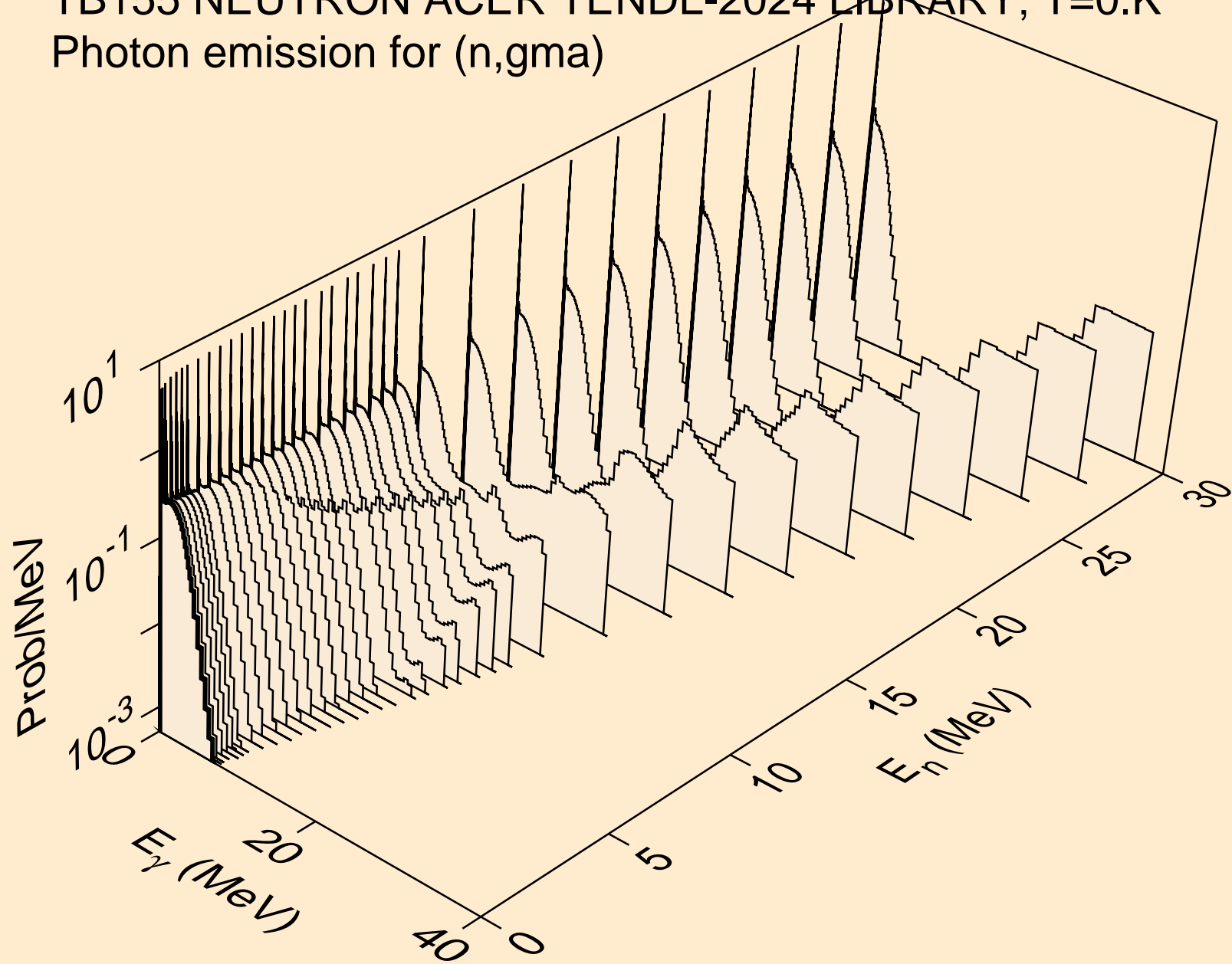
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Photon emission for (n,npa)



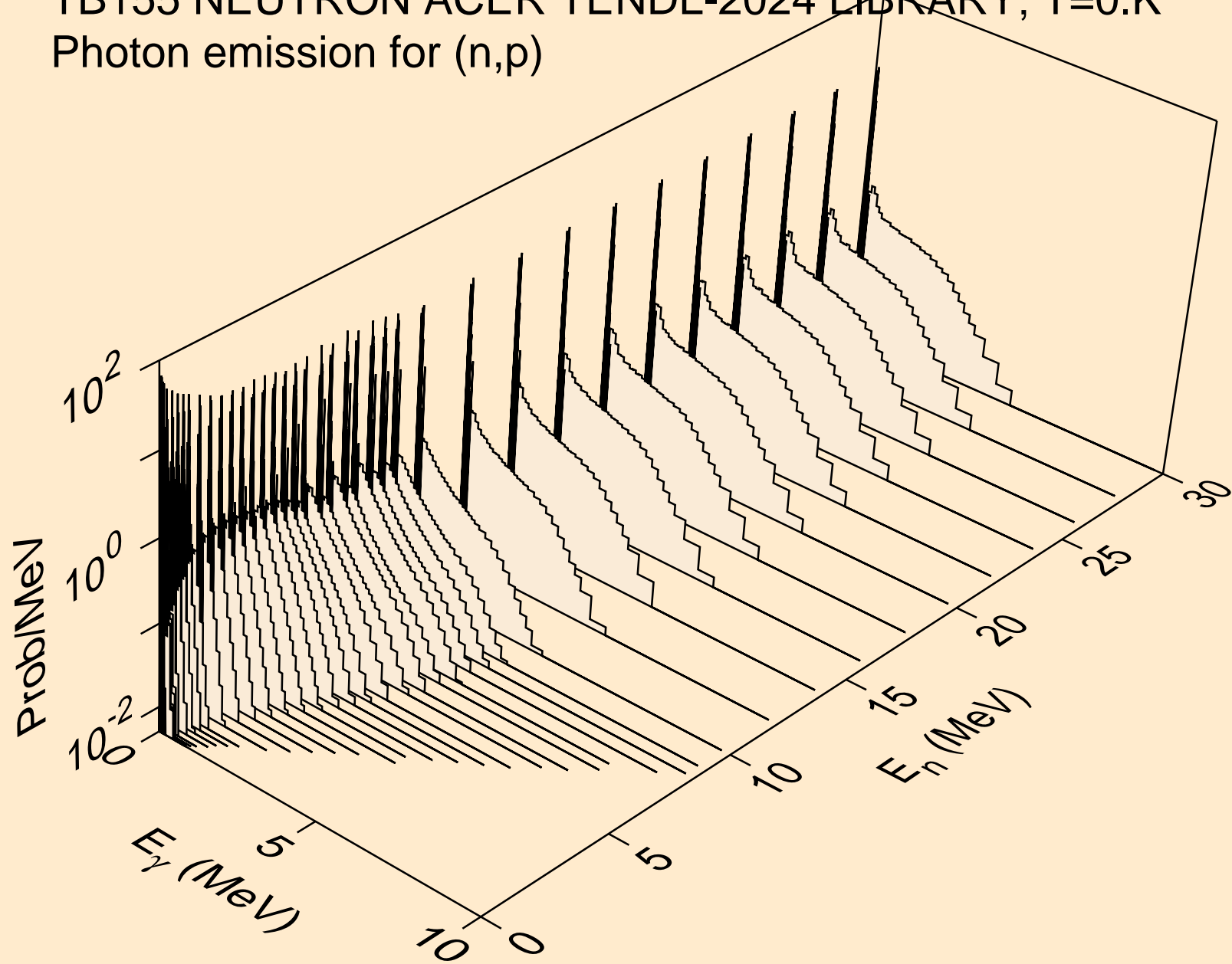
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Photon emission for (n,n\*c)



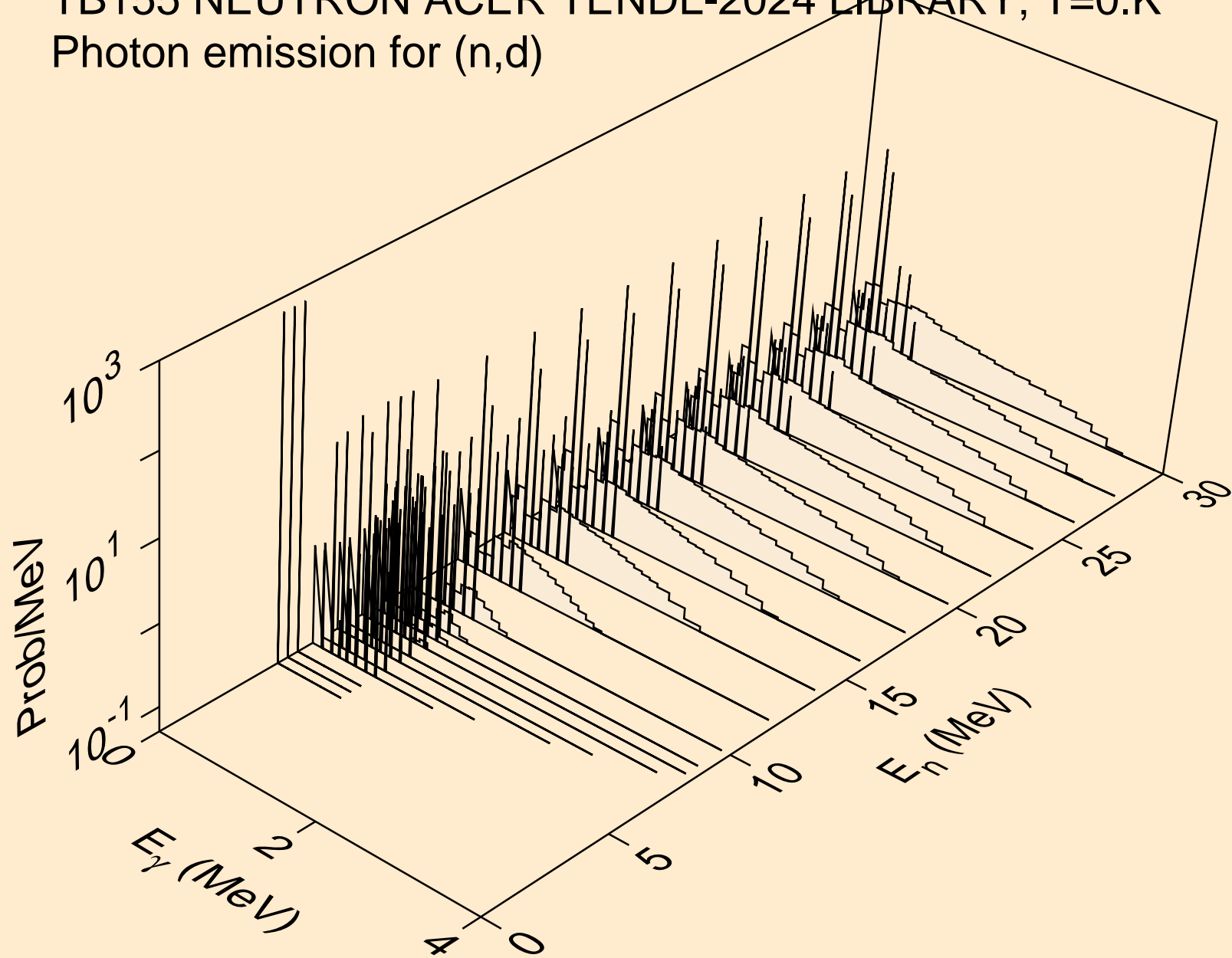
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Photon emission for (n,gma)



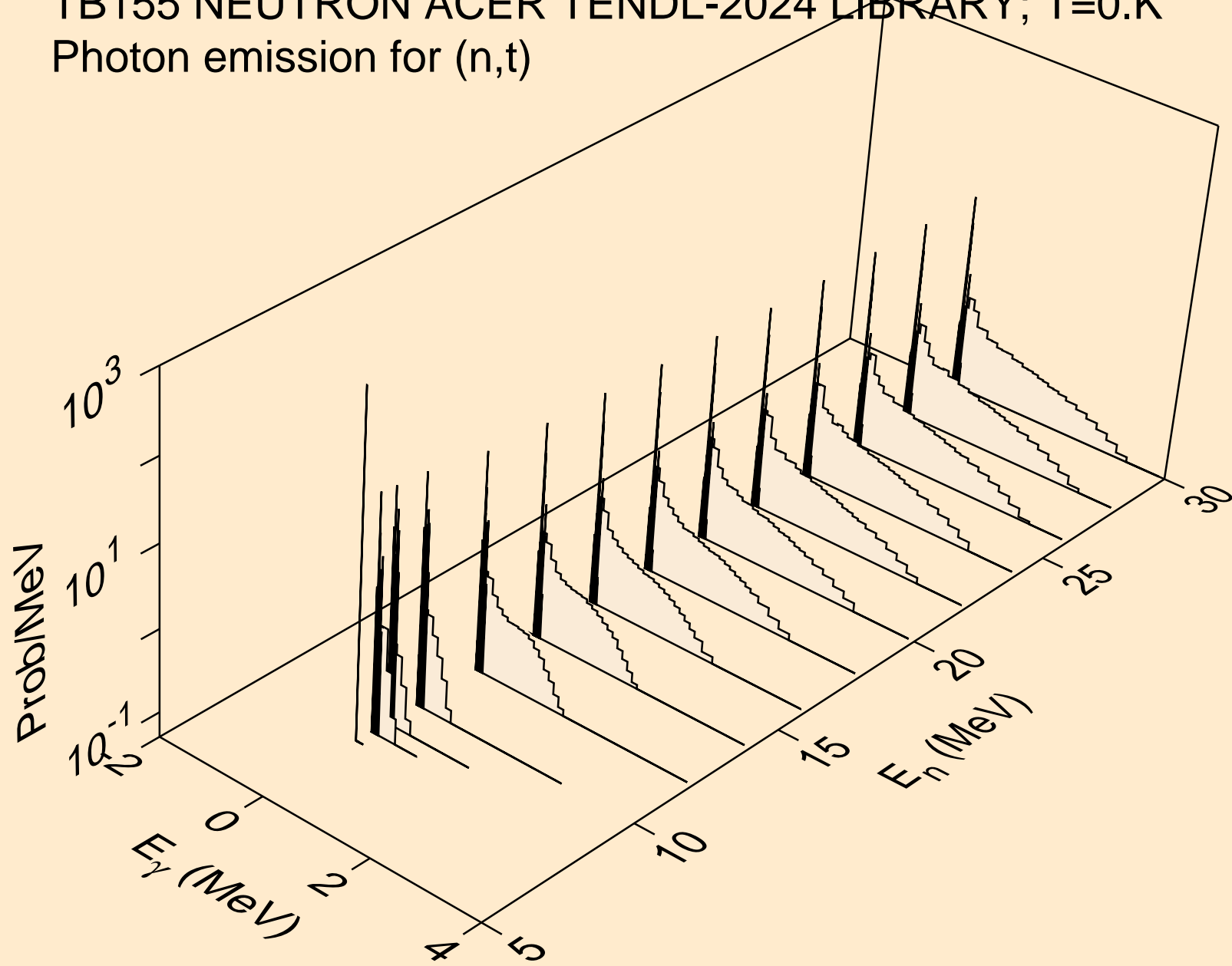
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Photon emission for (n,p)



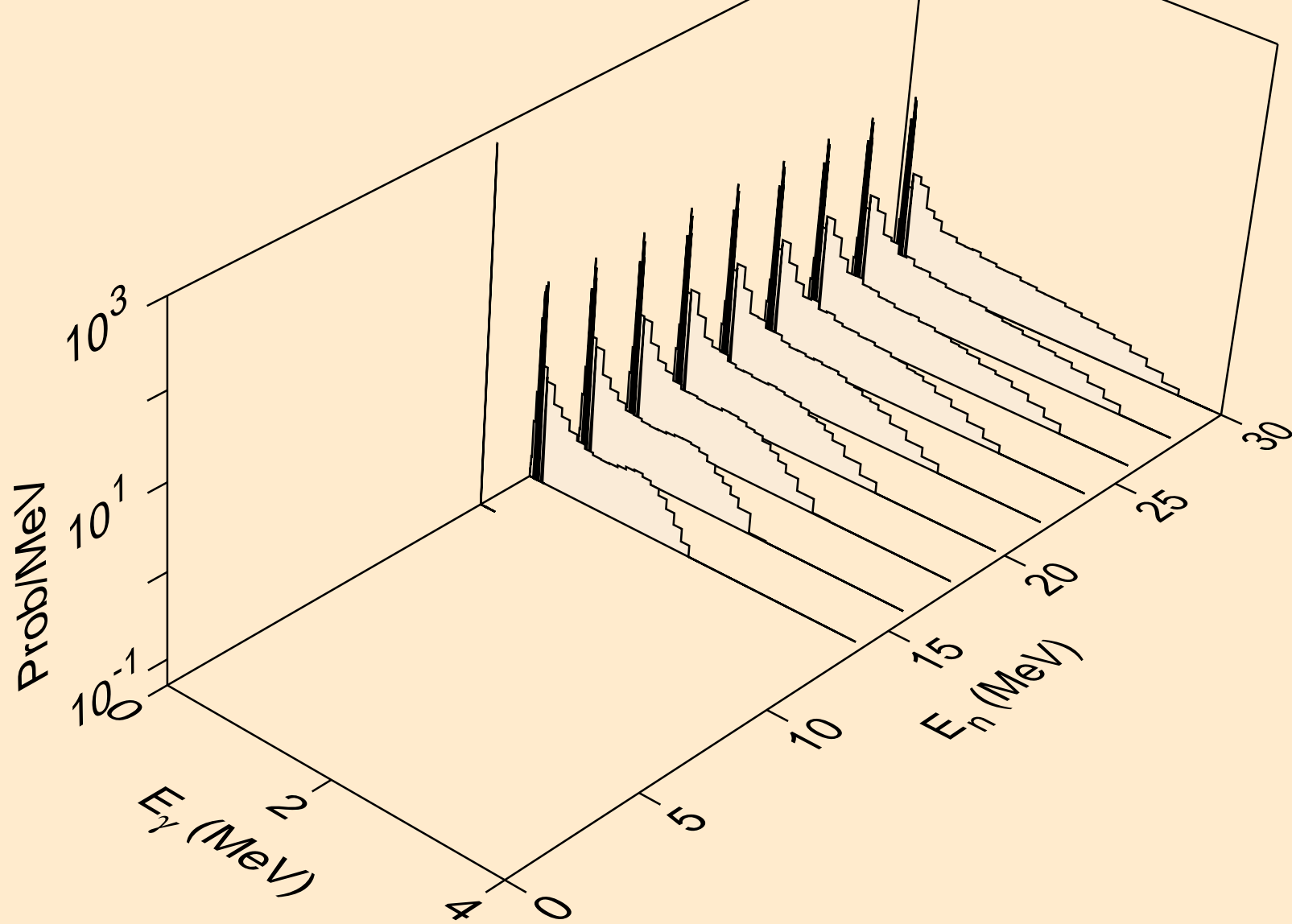
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

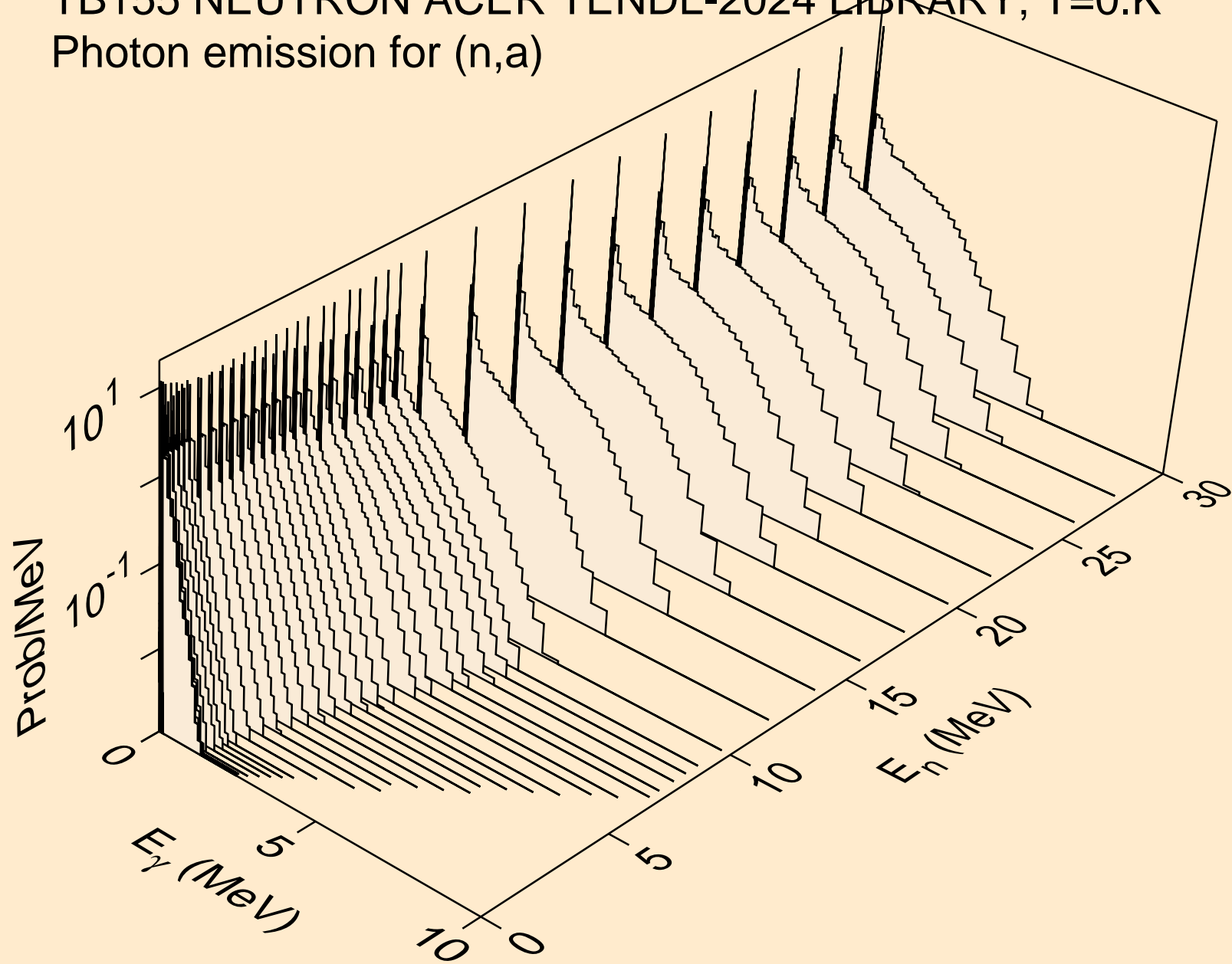


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Photon emission for (n,he3)

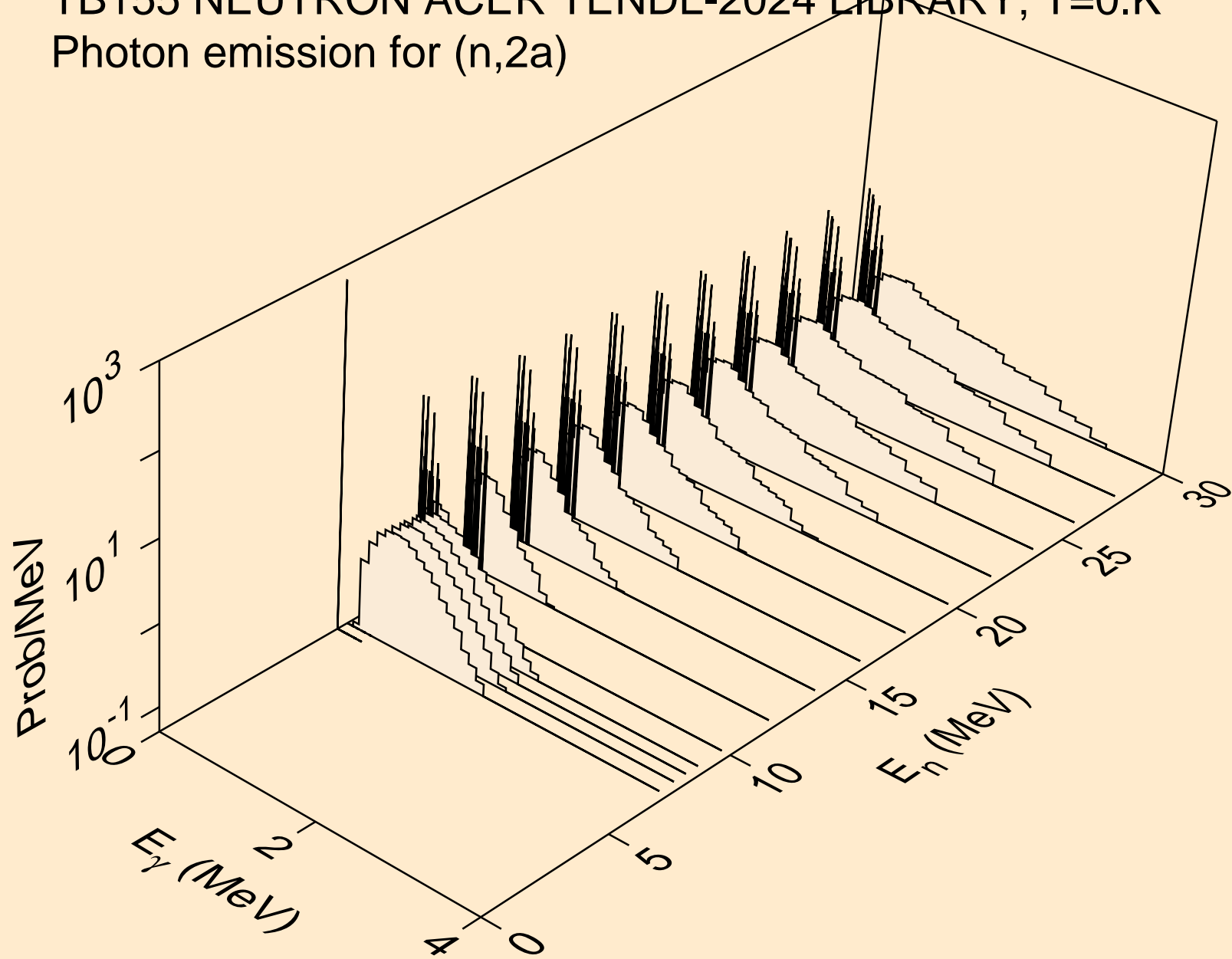




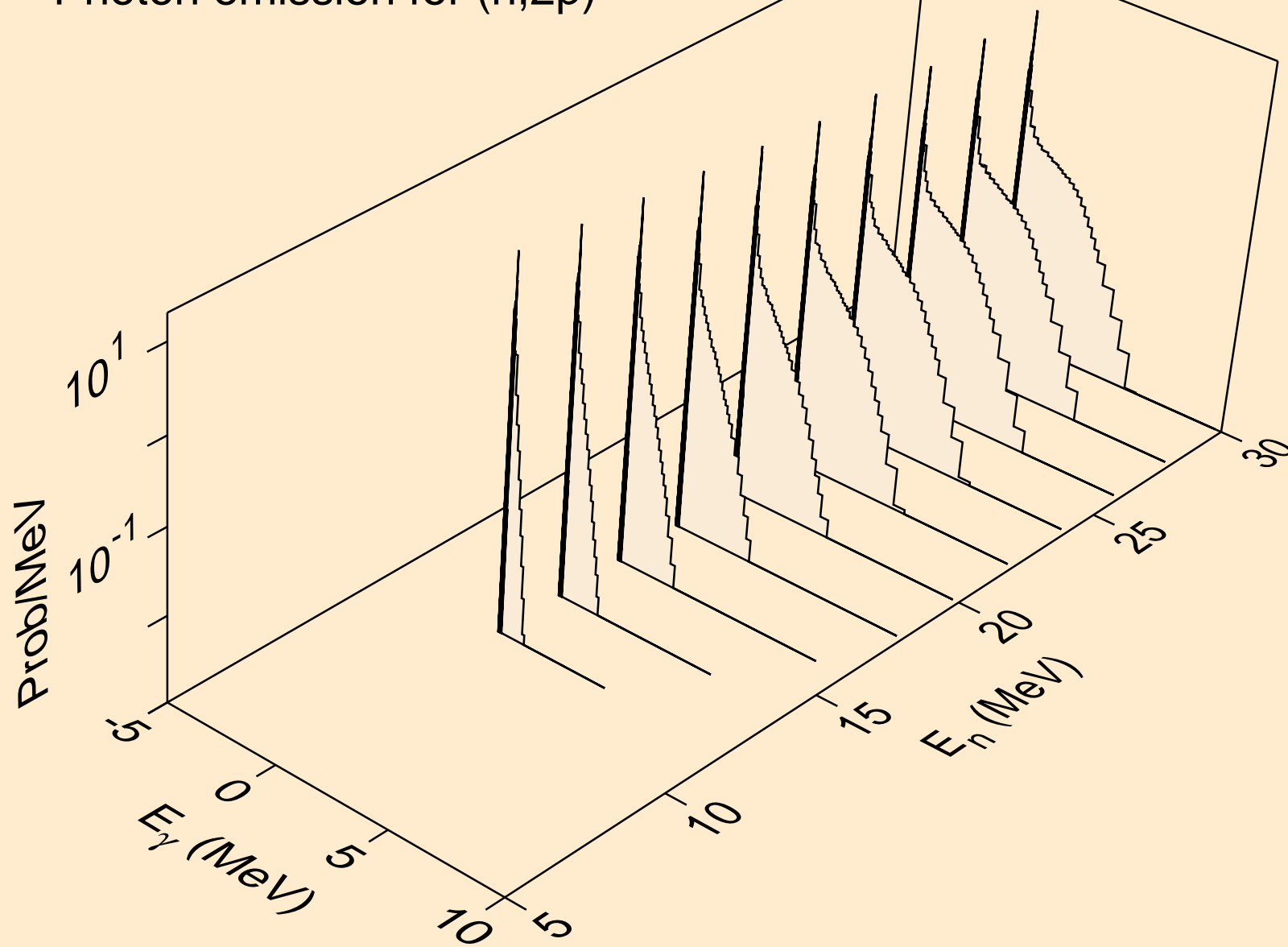
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Photon emission for (n,a)



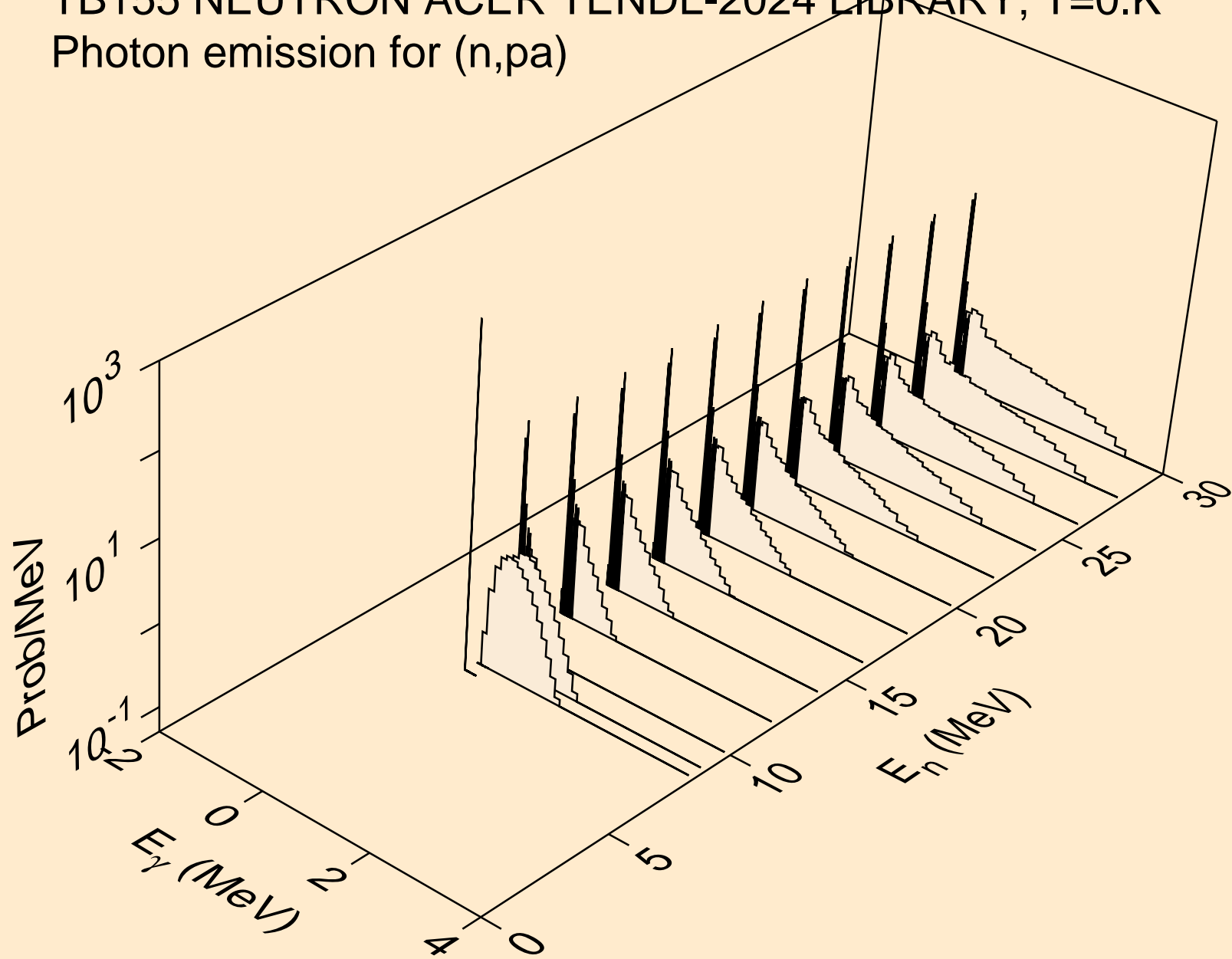
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Photon emission for (n,2a)



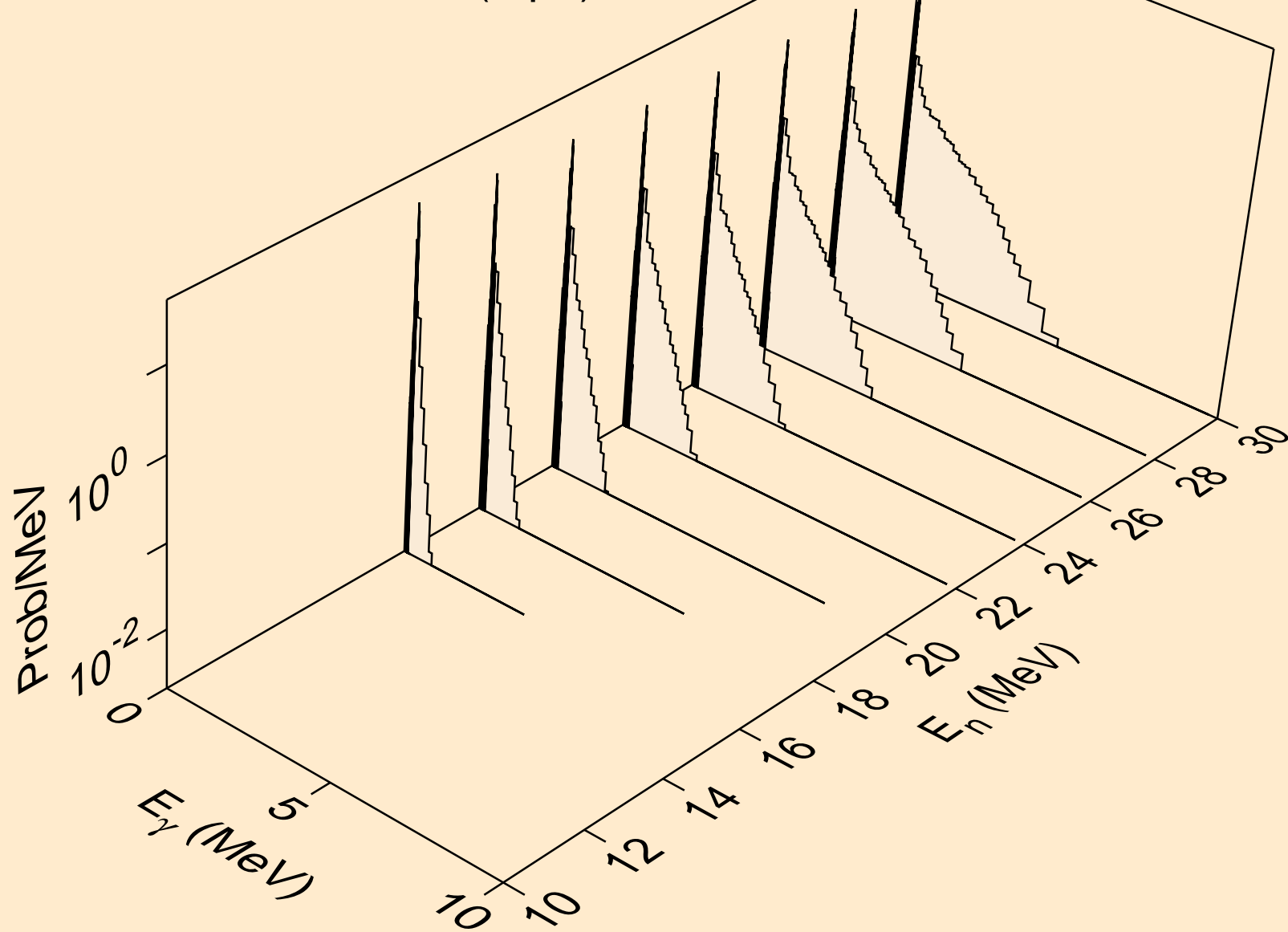
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Photon emission for (n,2p)



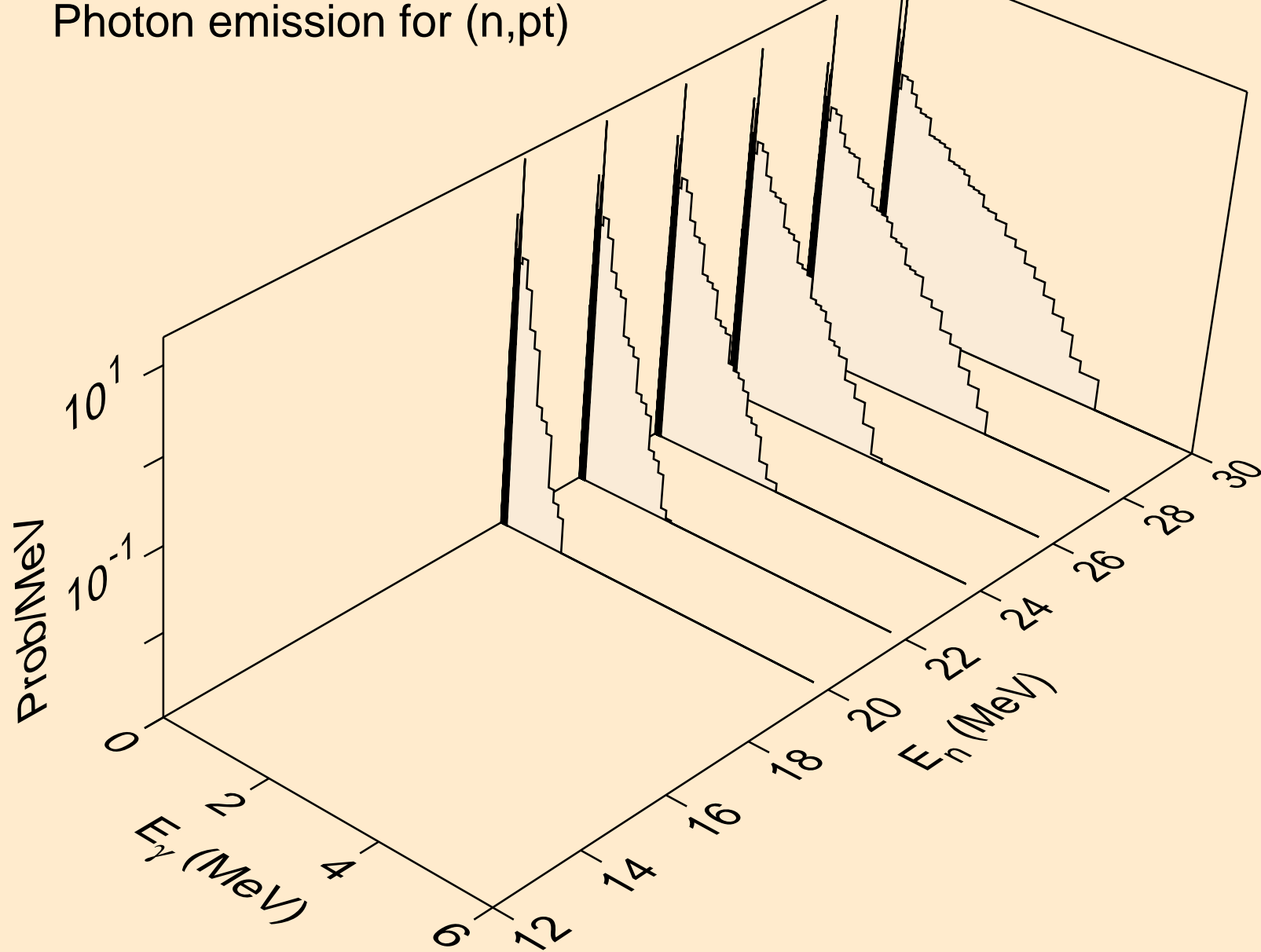
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Photon emission for (n,p $\alpha$ )



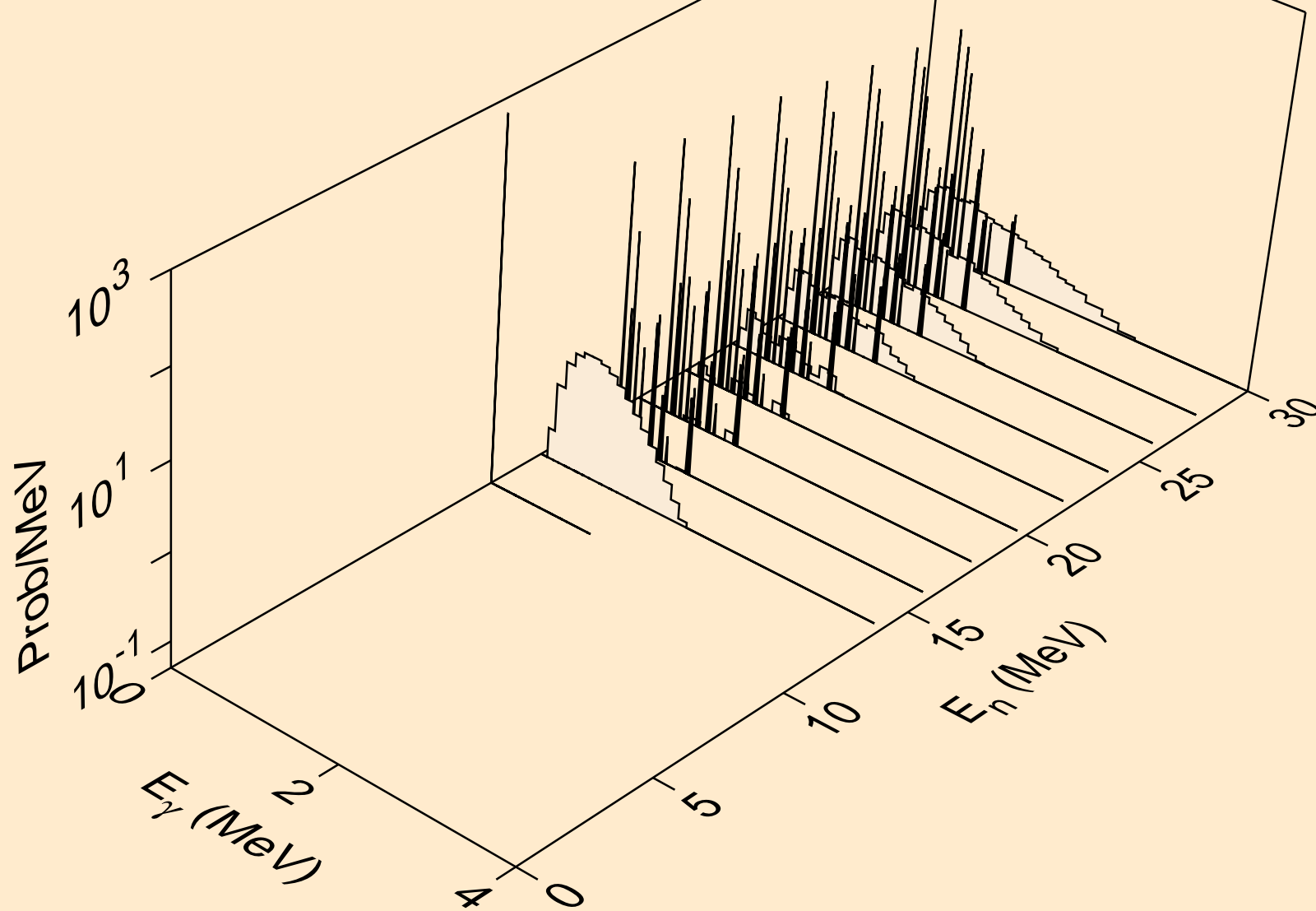
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Photon emission for (n,pd)



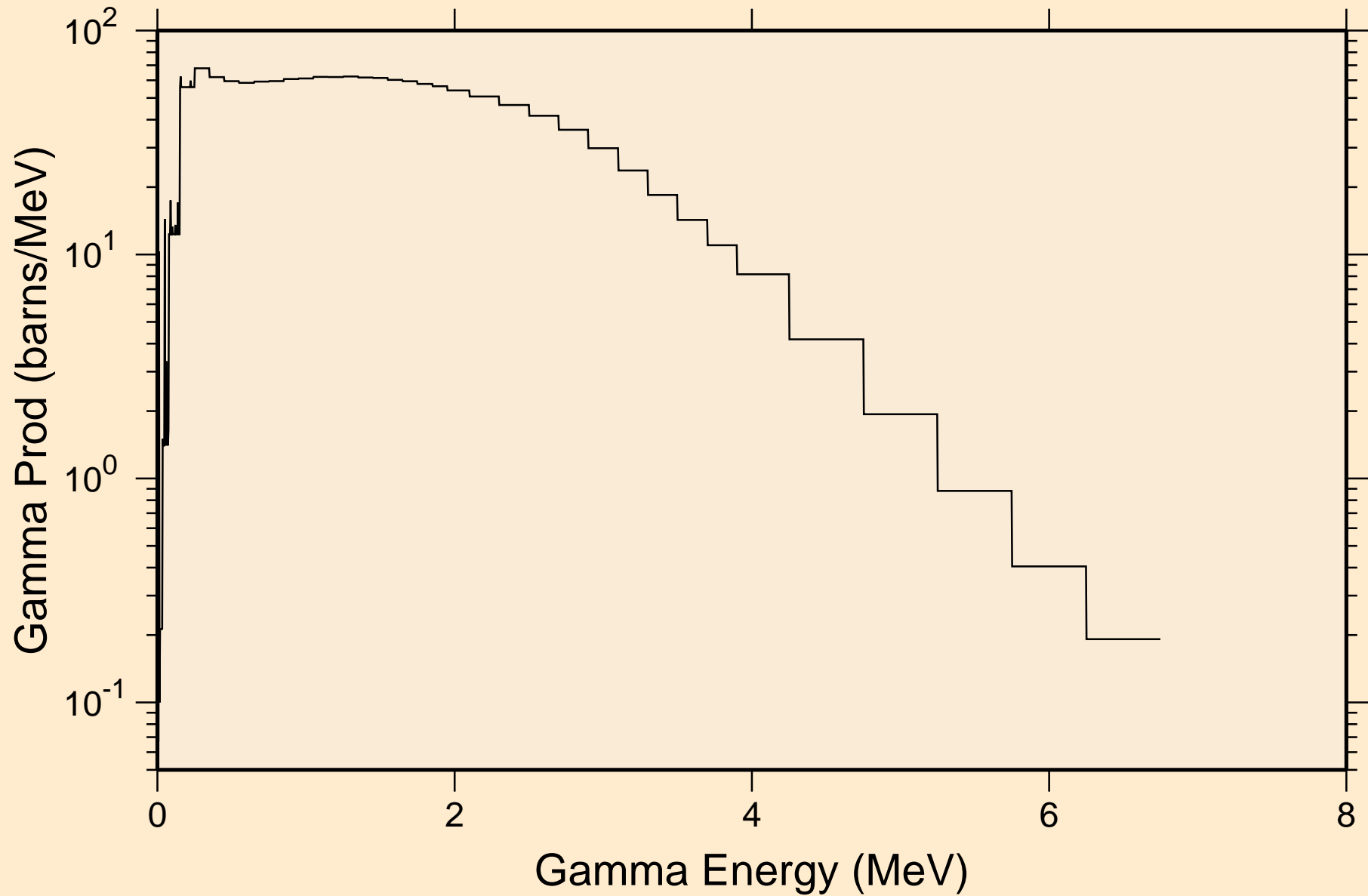
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Photon emission for (n,pt)



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

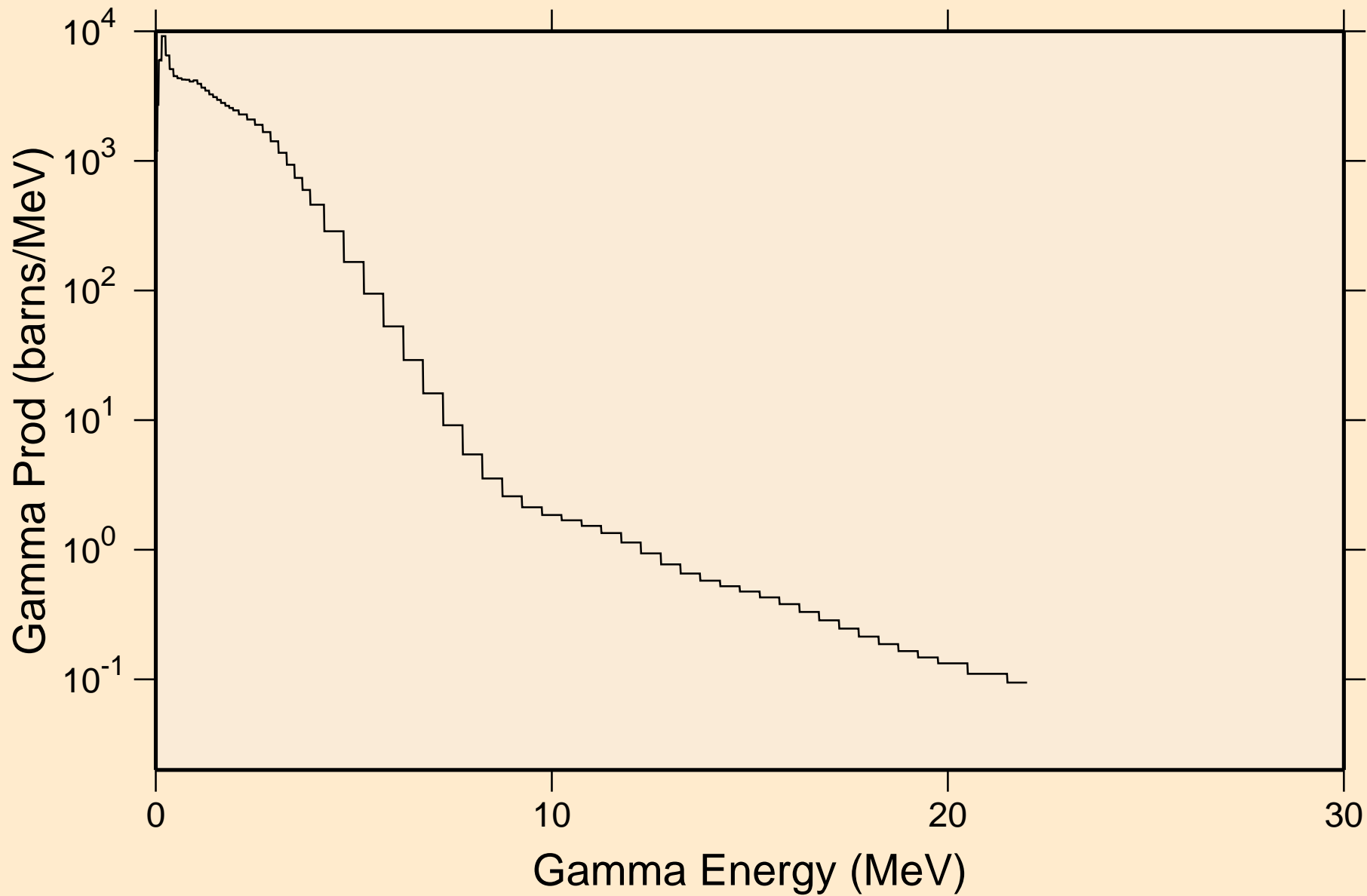


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thermal capture photon spectrum

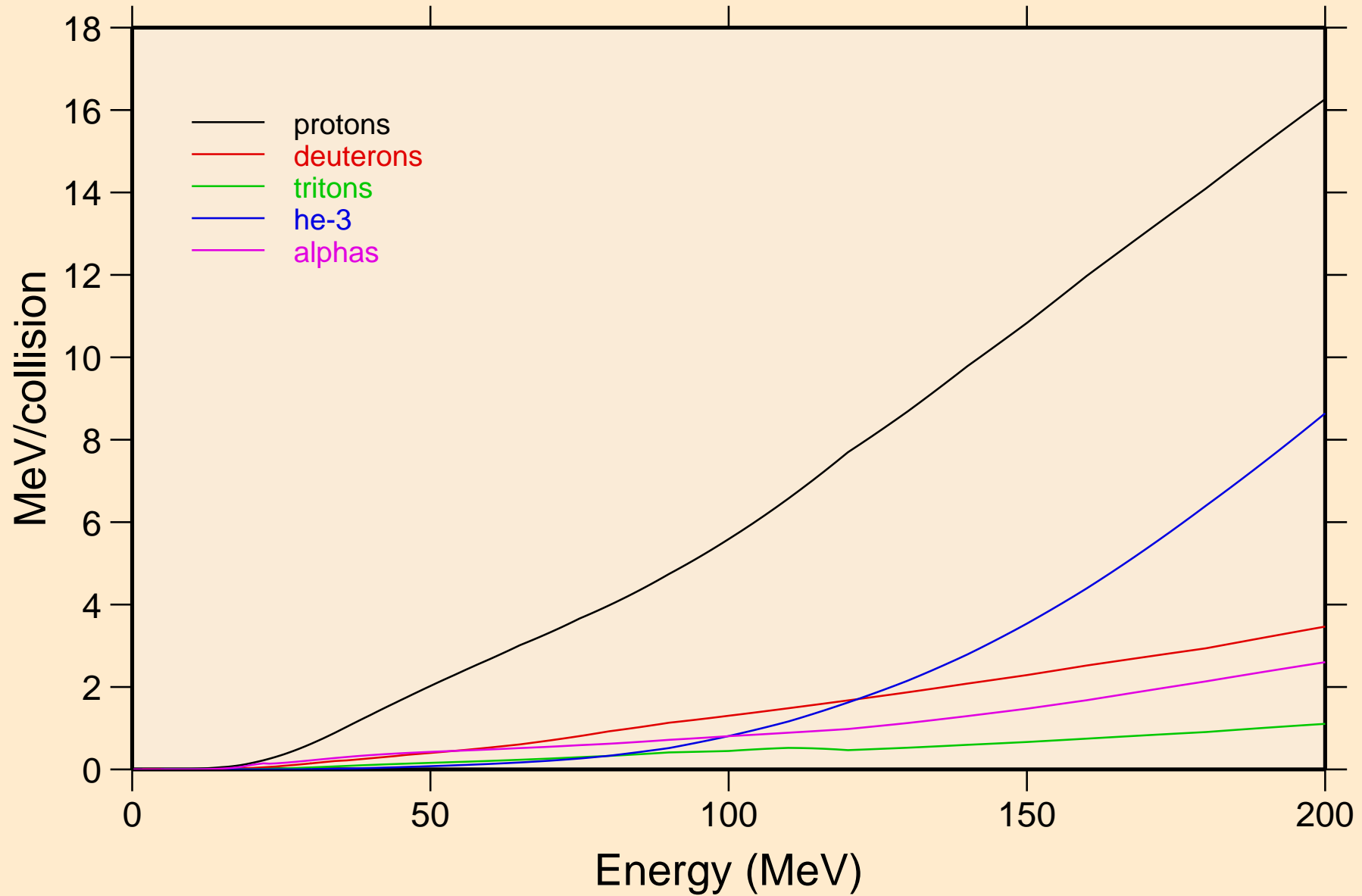




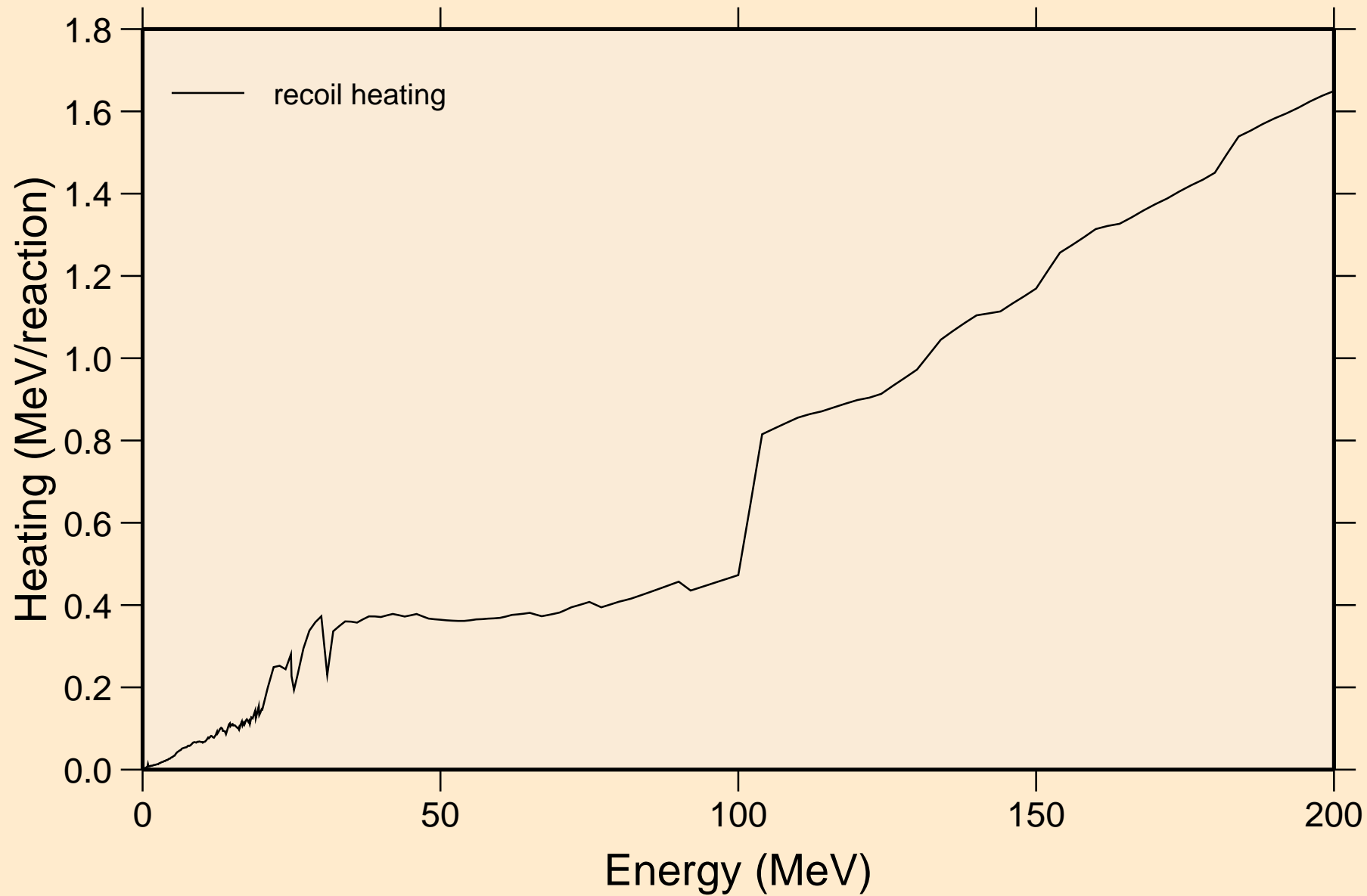
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14 MeV photon spectrum



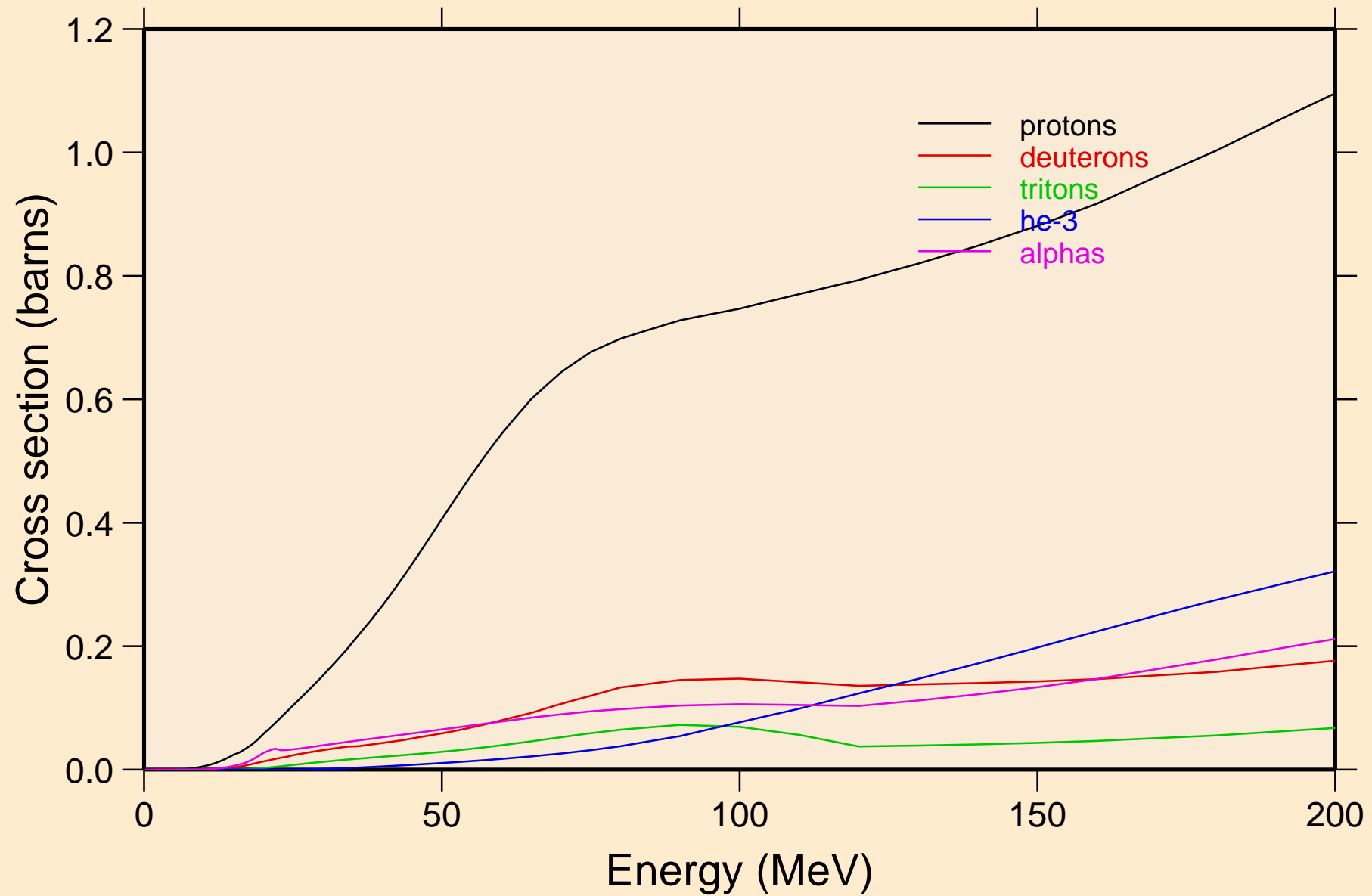
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Particle heating contributions



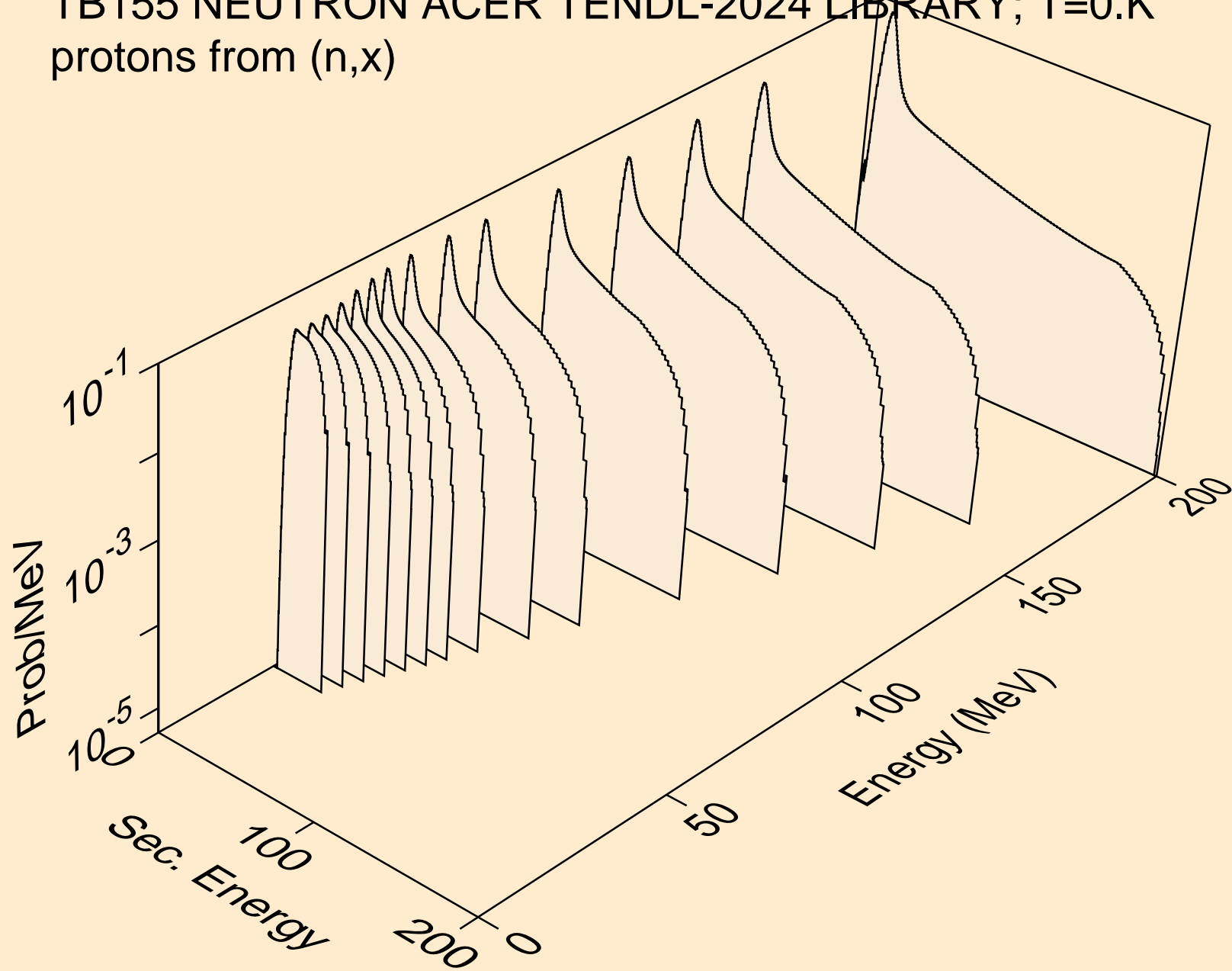
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Recoil Heating



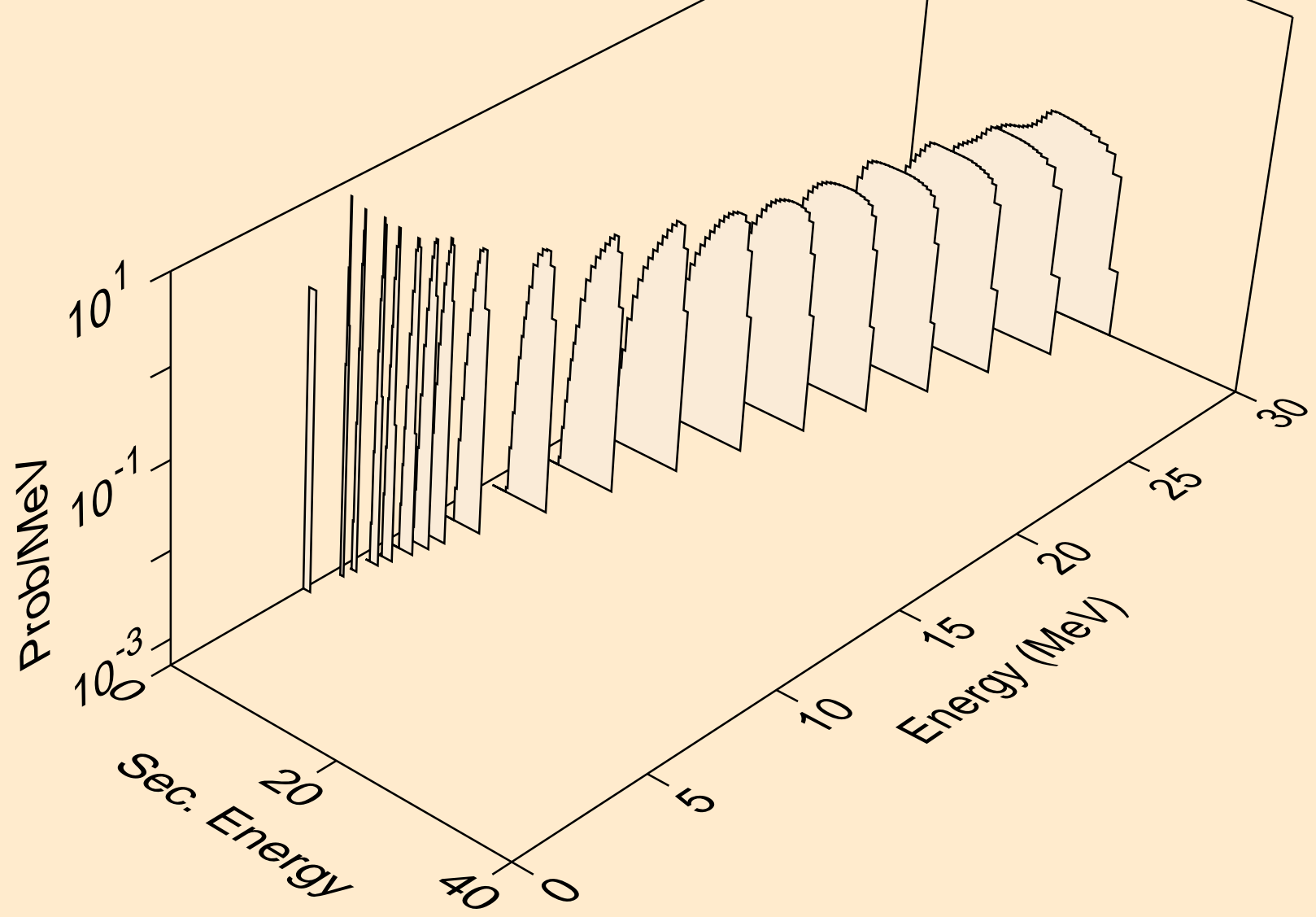
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Particle production cross sections



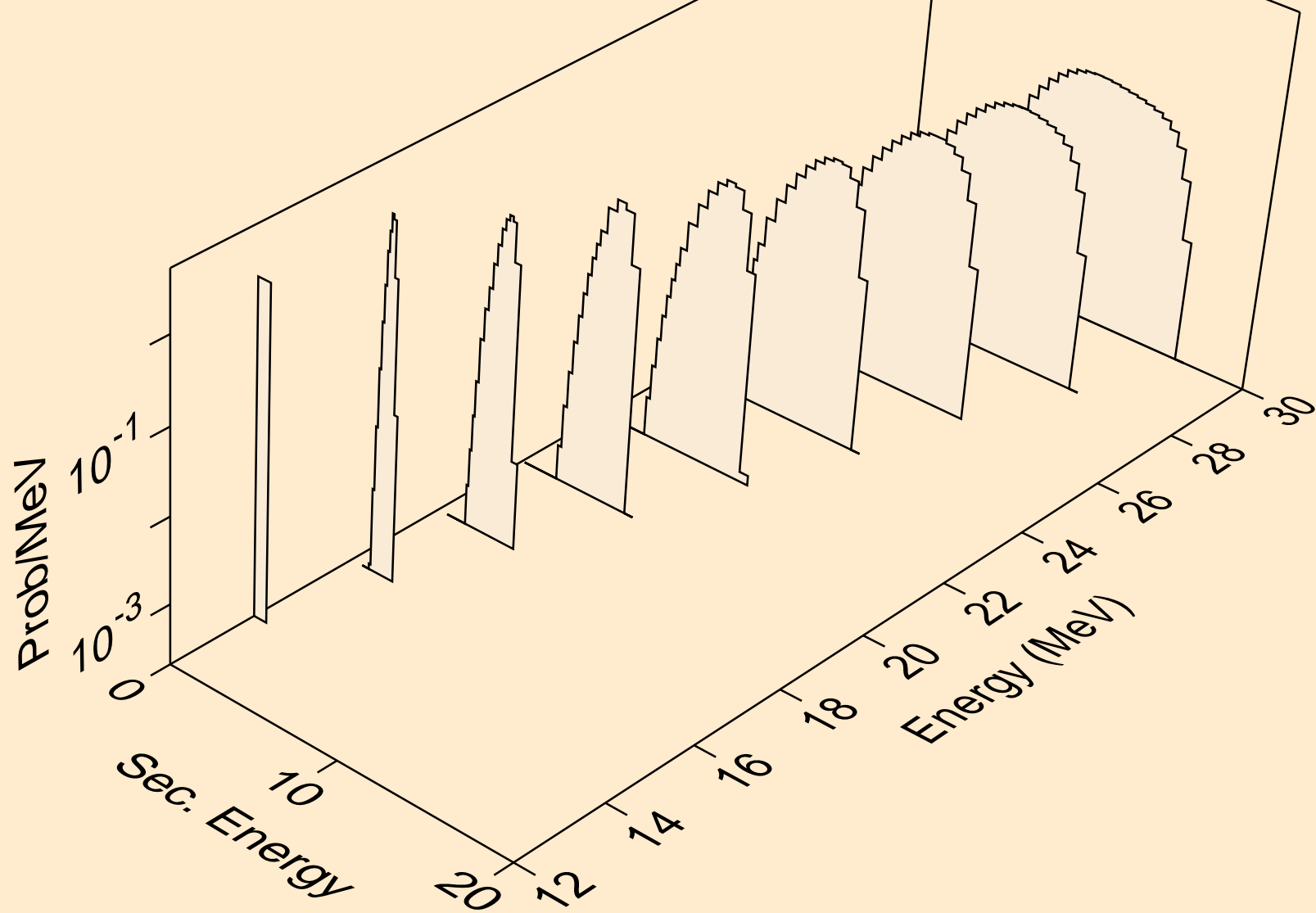
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protons from (n,x)



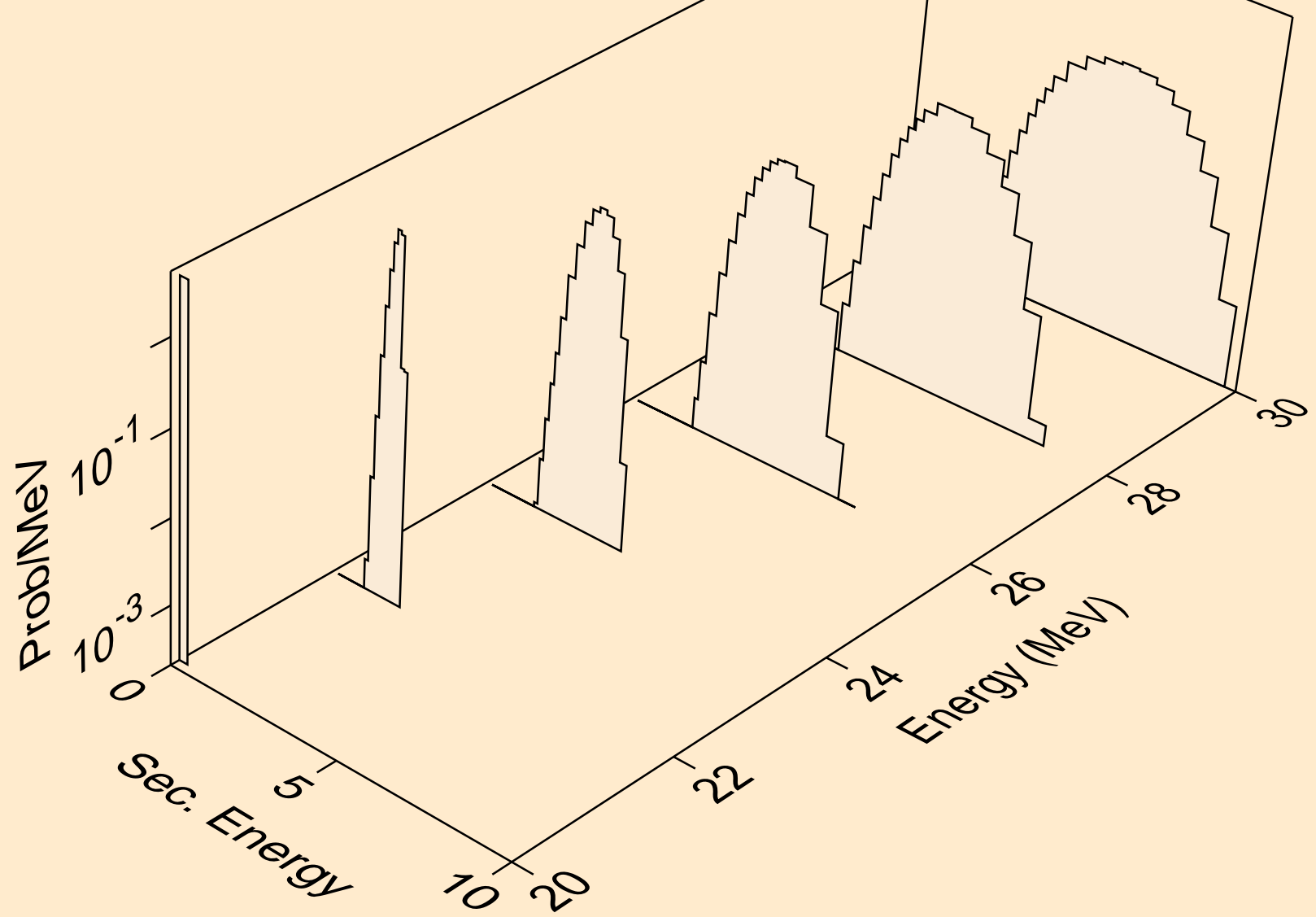
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protons from (n,n\*)p



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

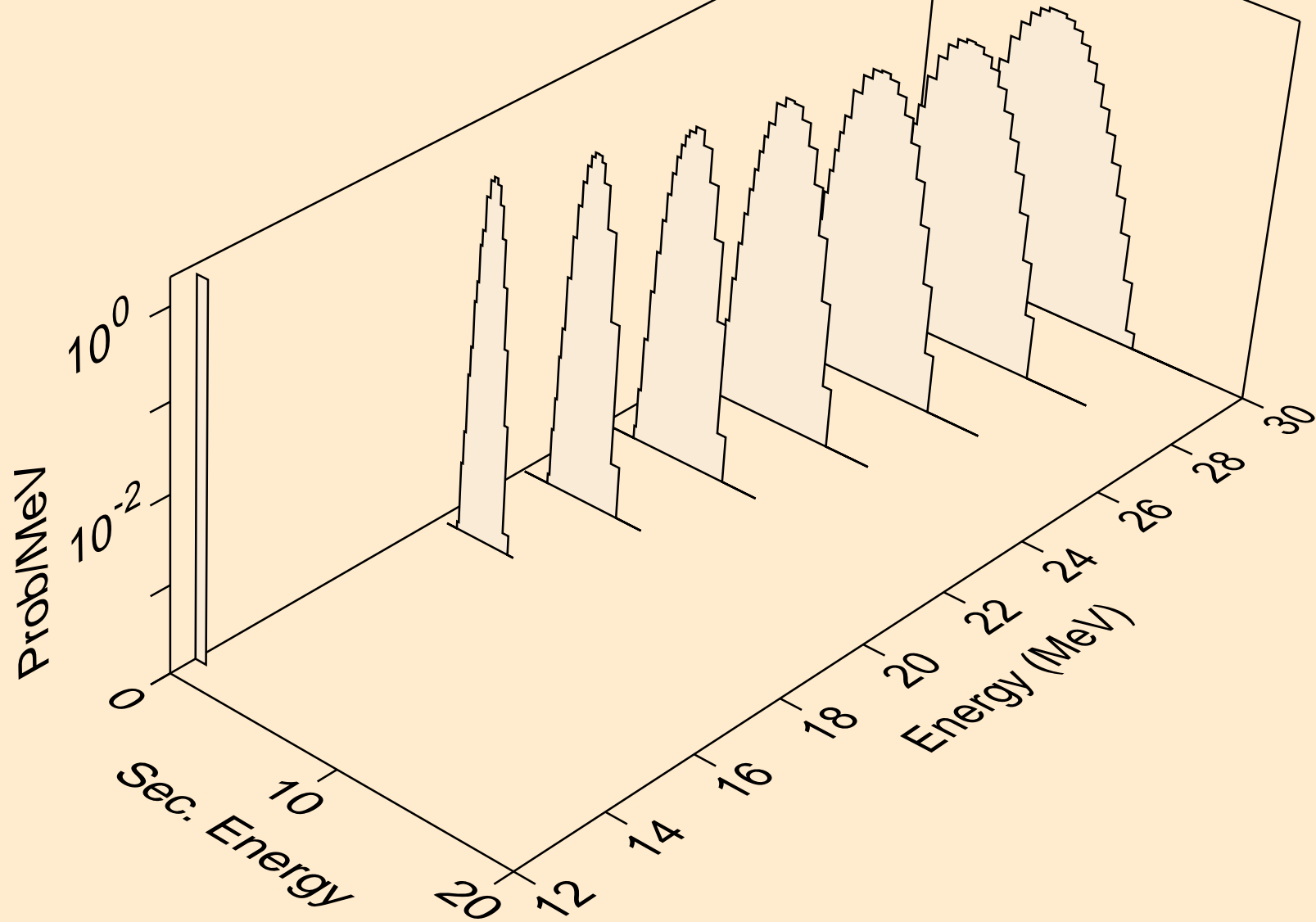


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protons from (n,3np)

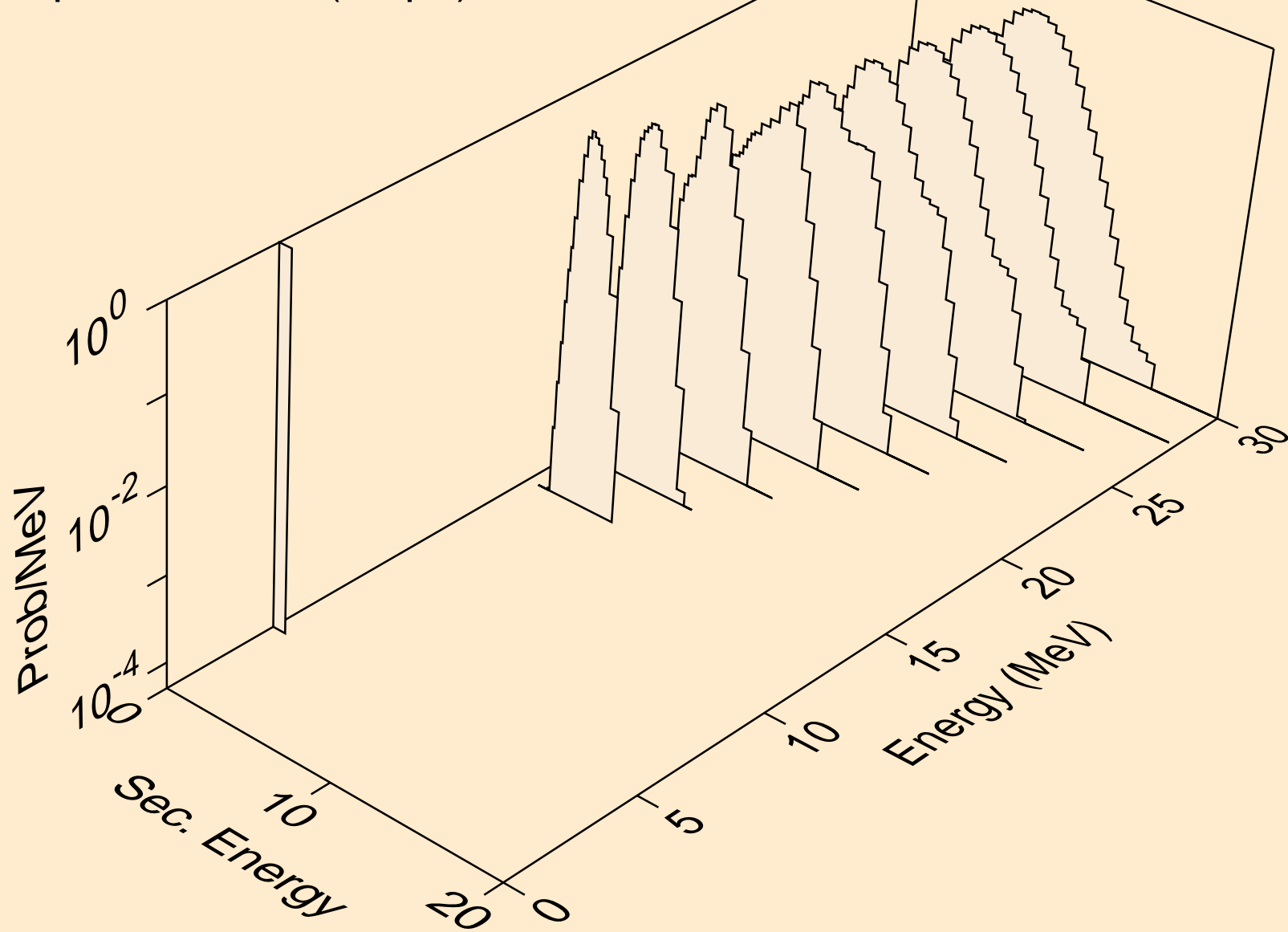




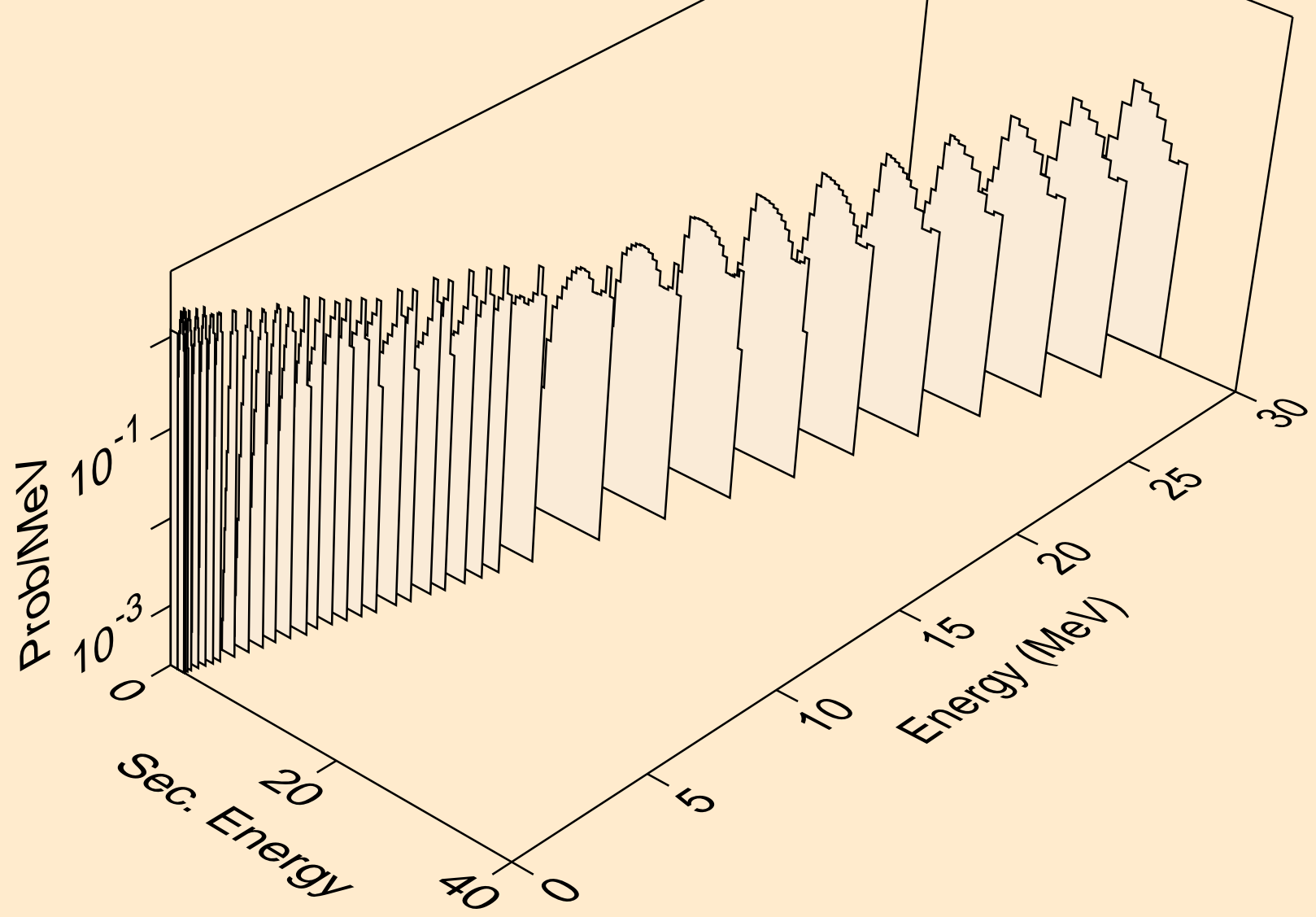
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protons from (n,n2p)



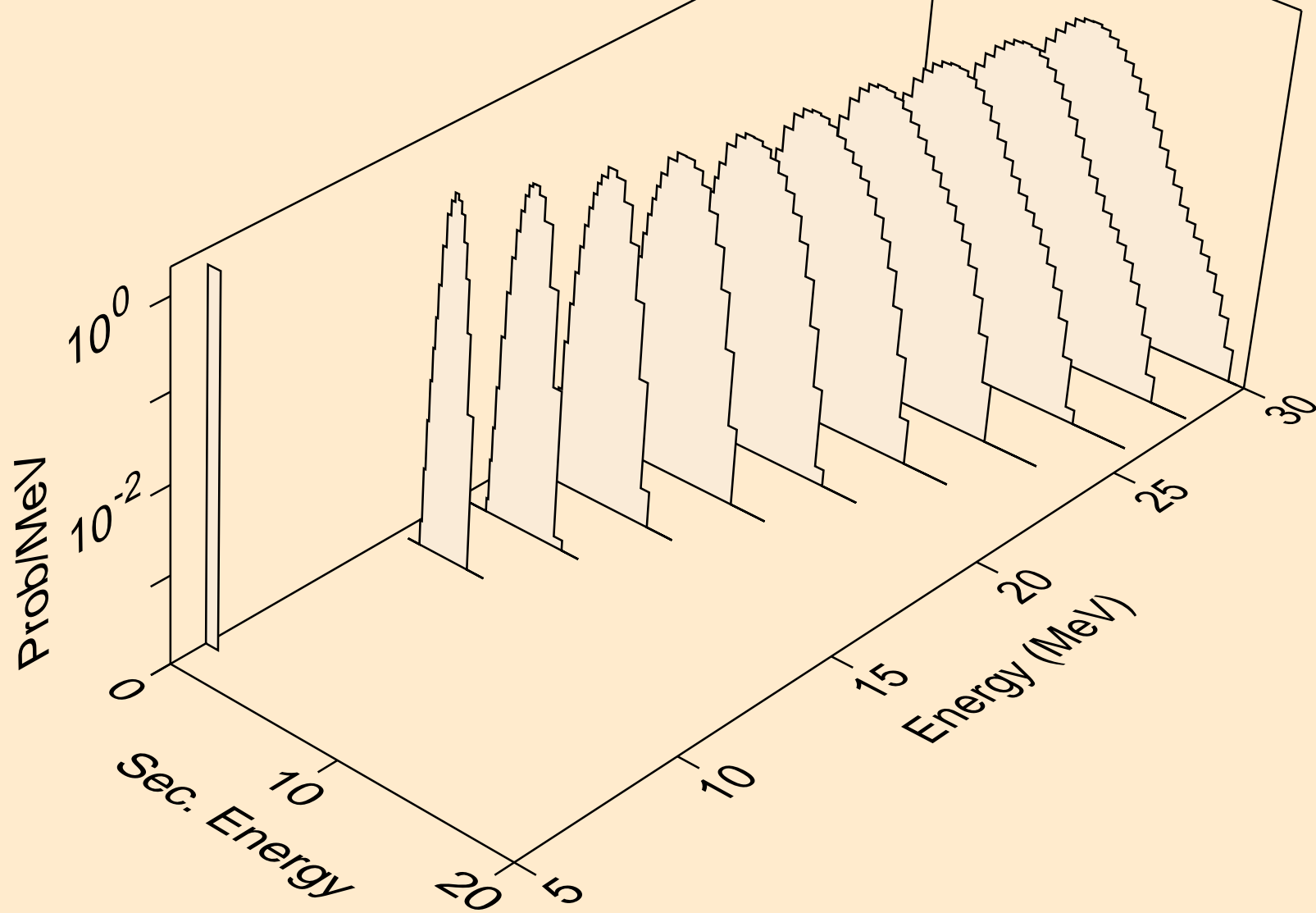
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protons from (n,npa)



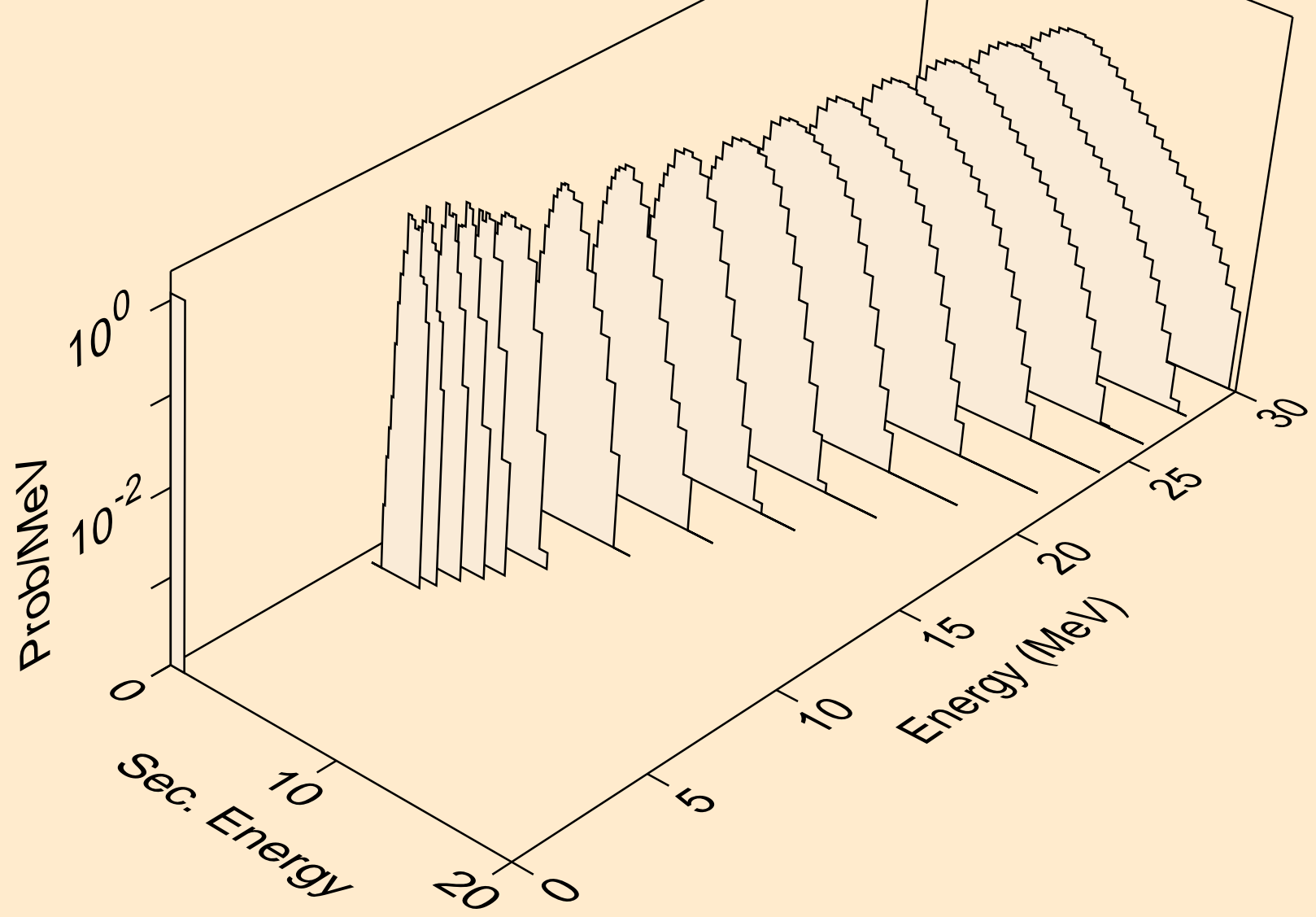
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protons from (n,p)



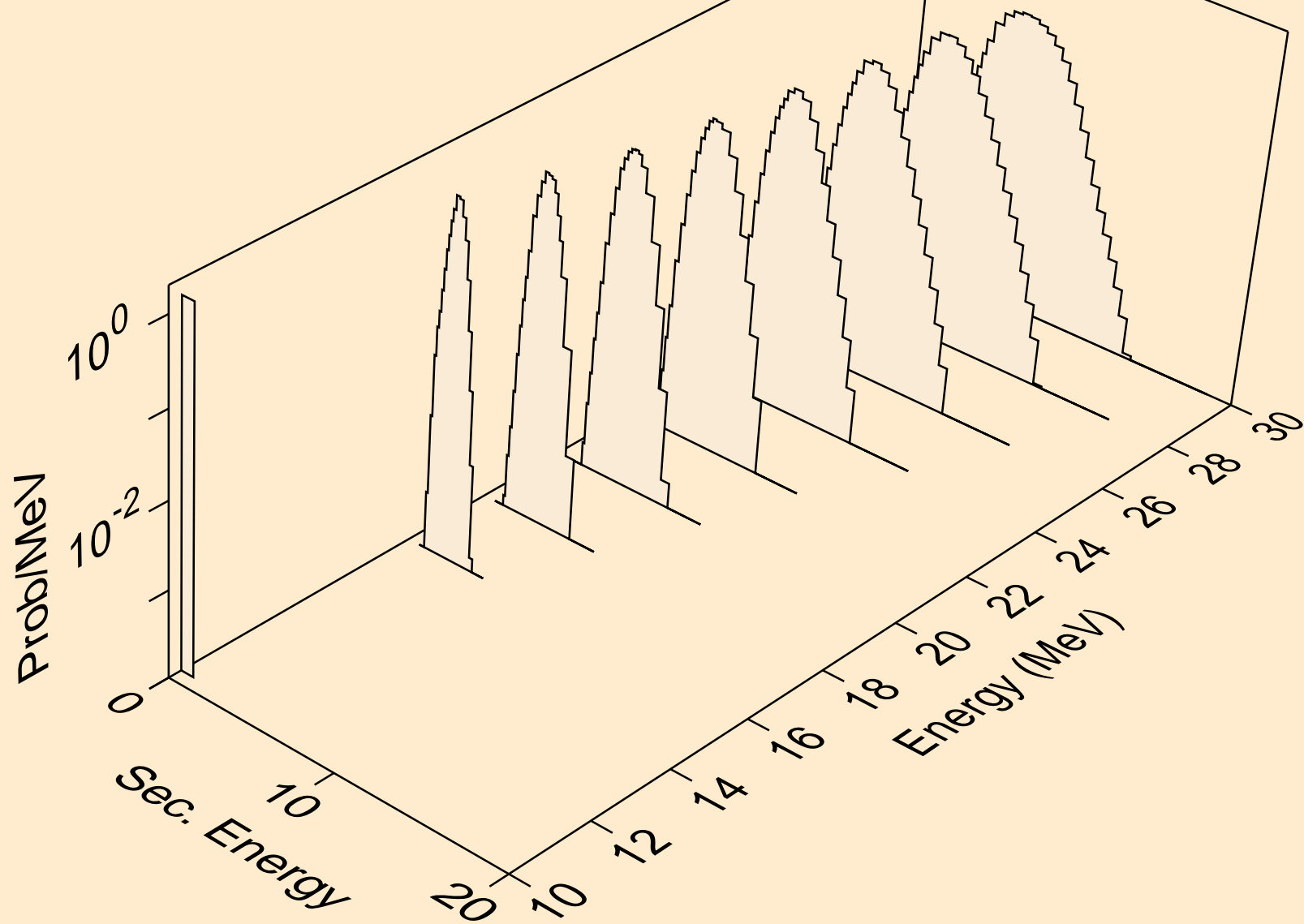
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protons from (n,2p)



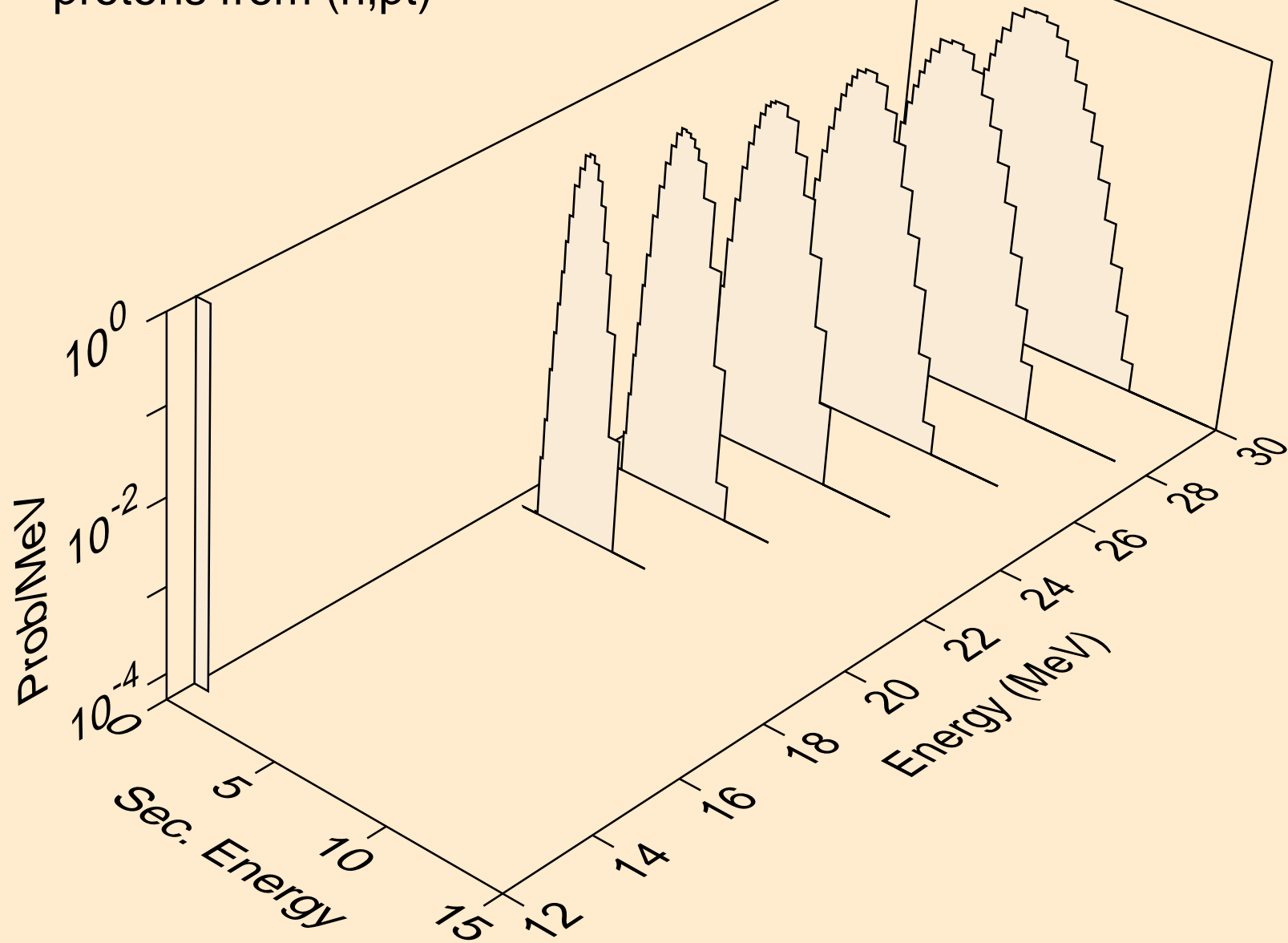
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protons from (n,p)



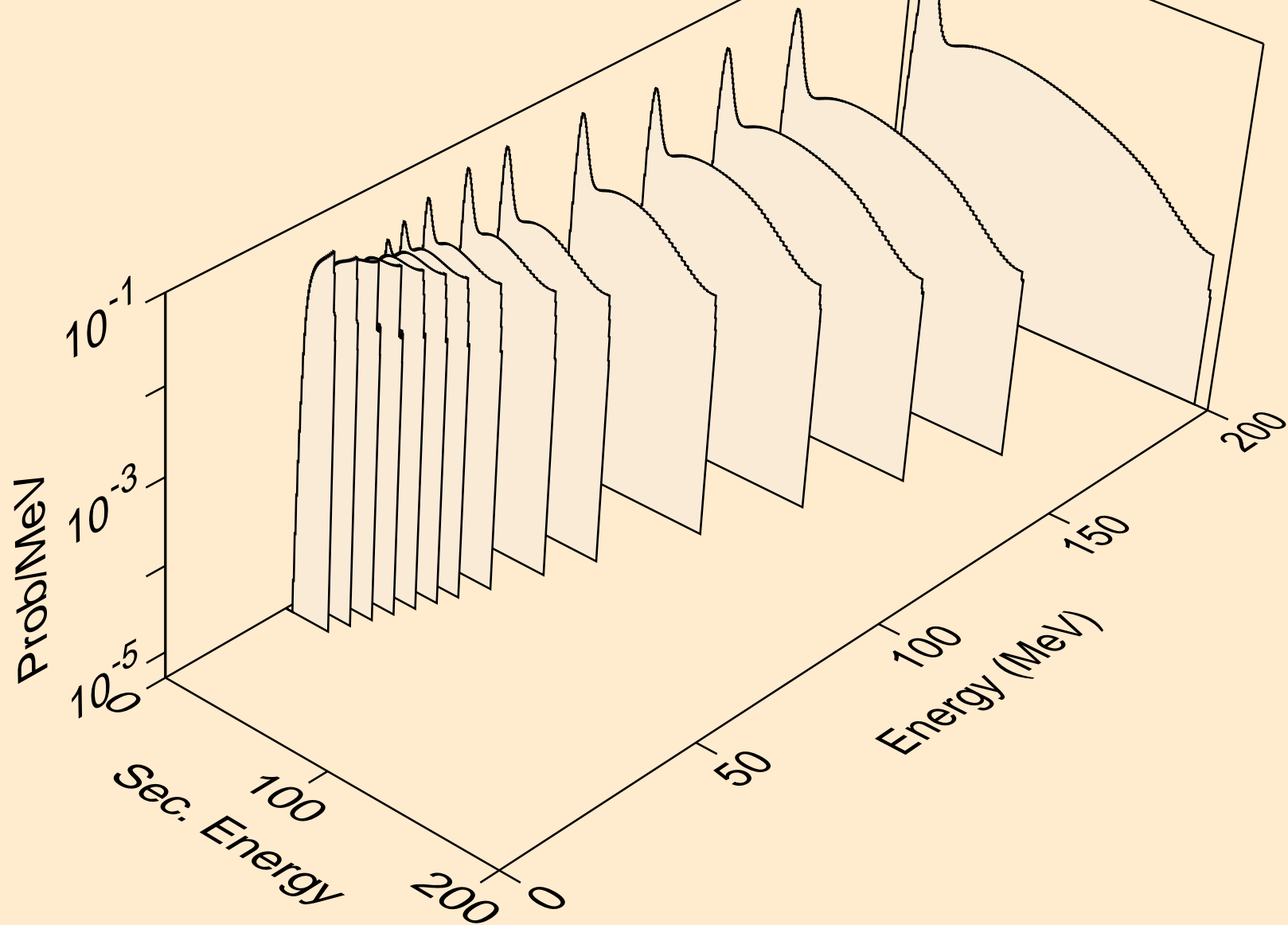
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protons from (n,pd)



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

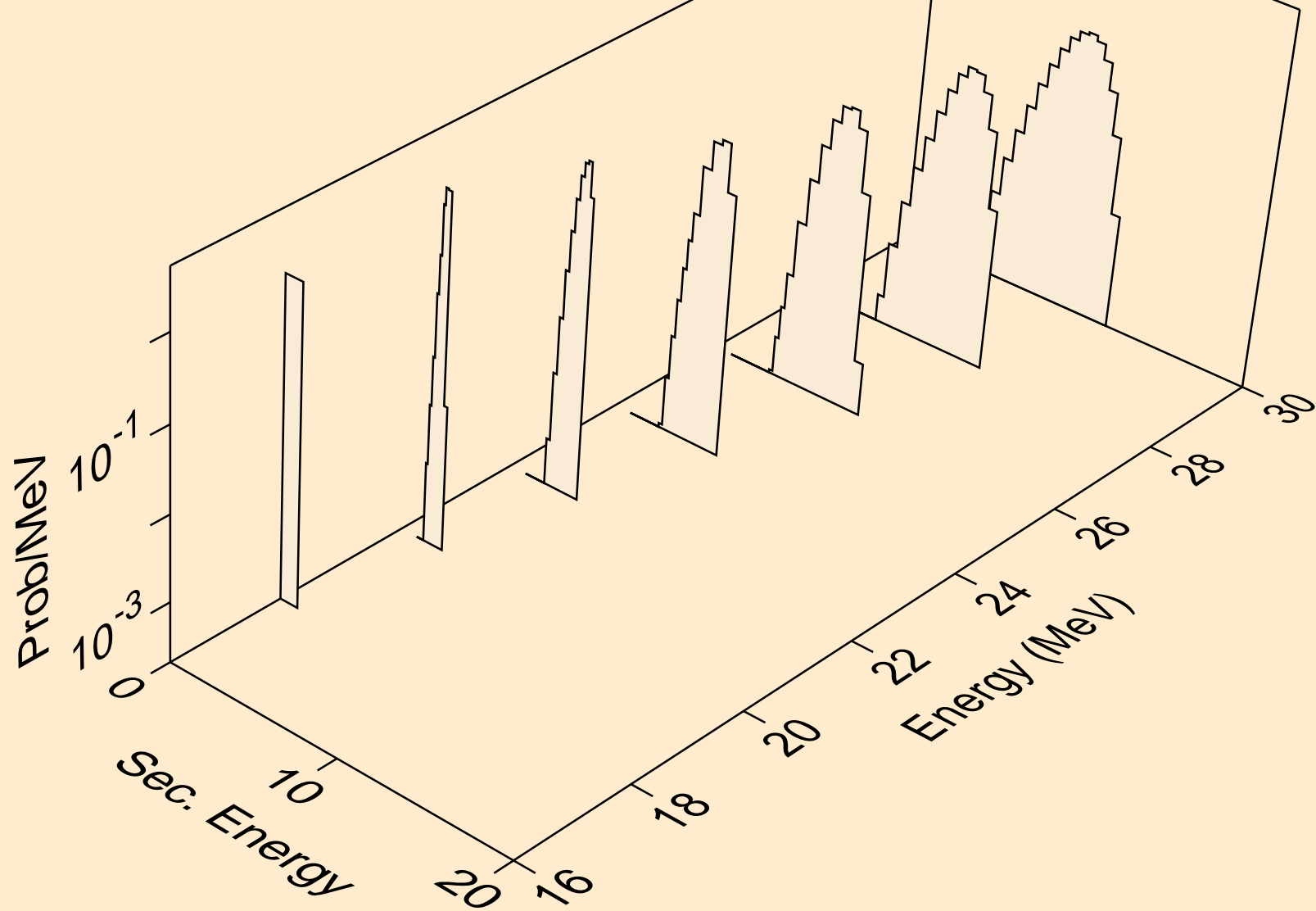


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deuterons from (n,x)

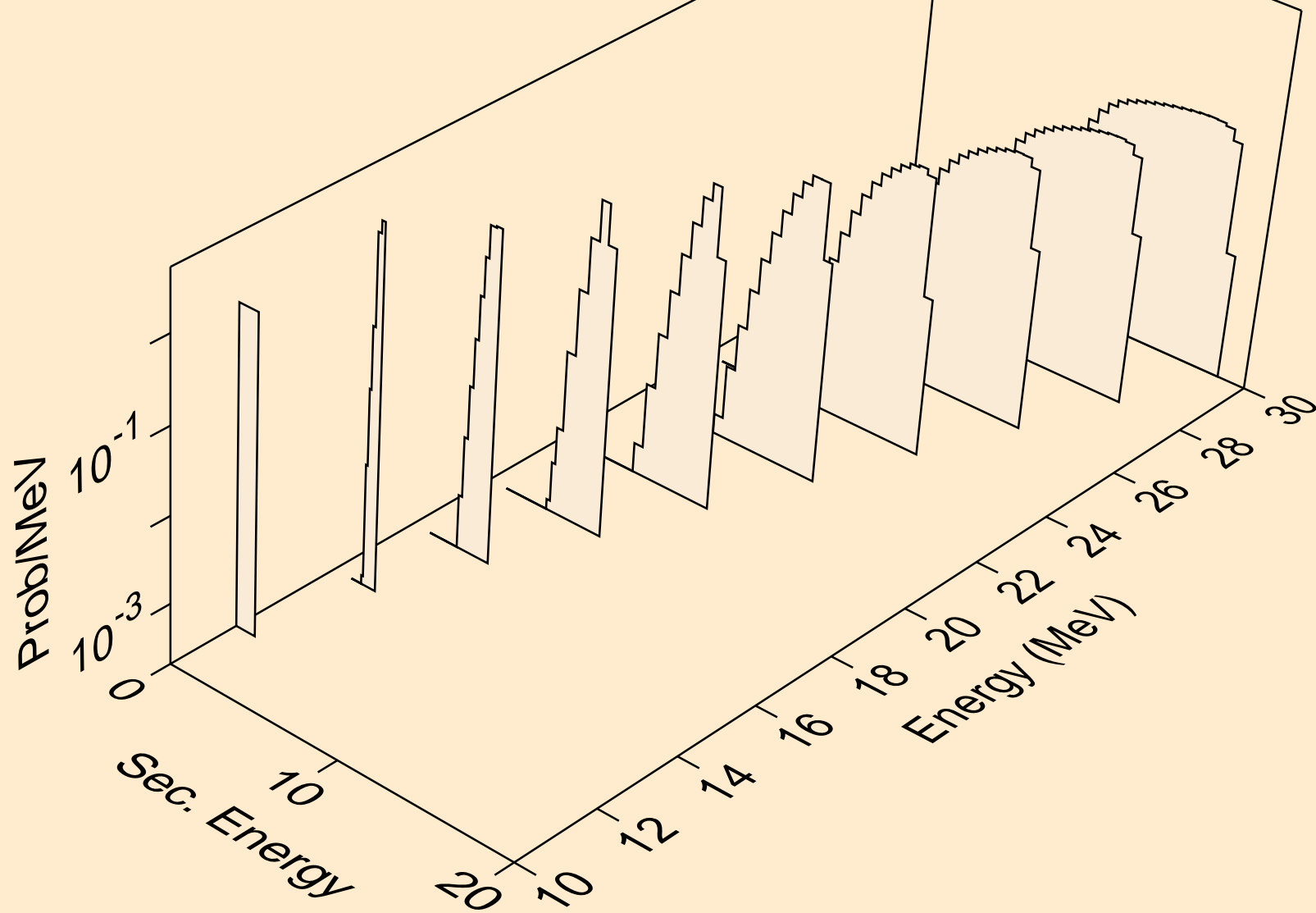




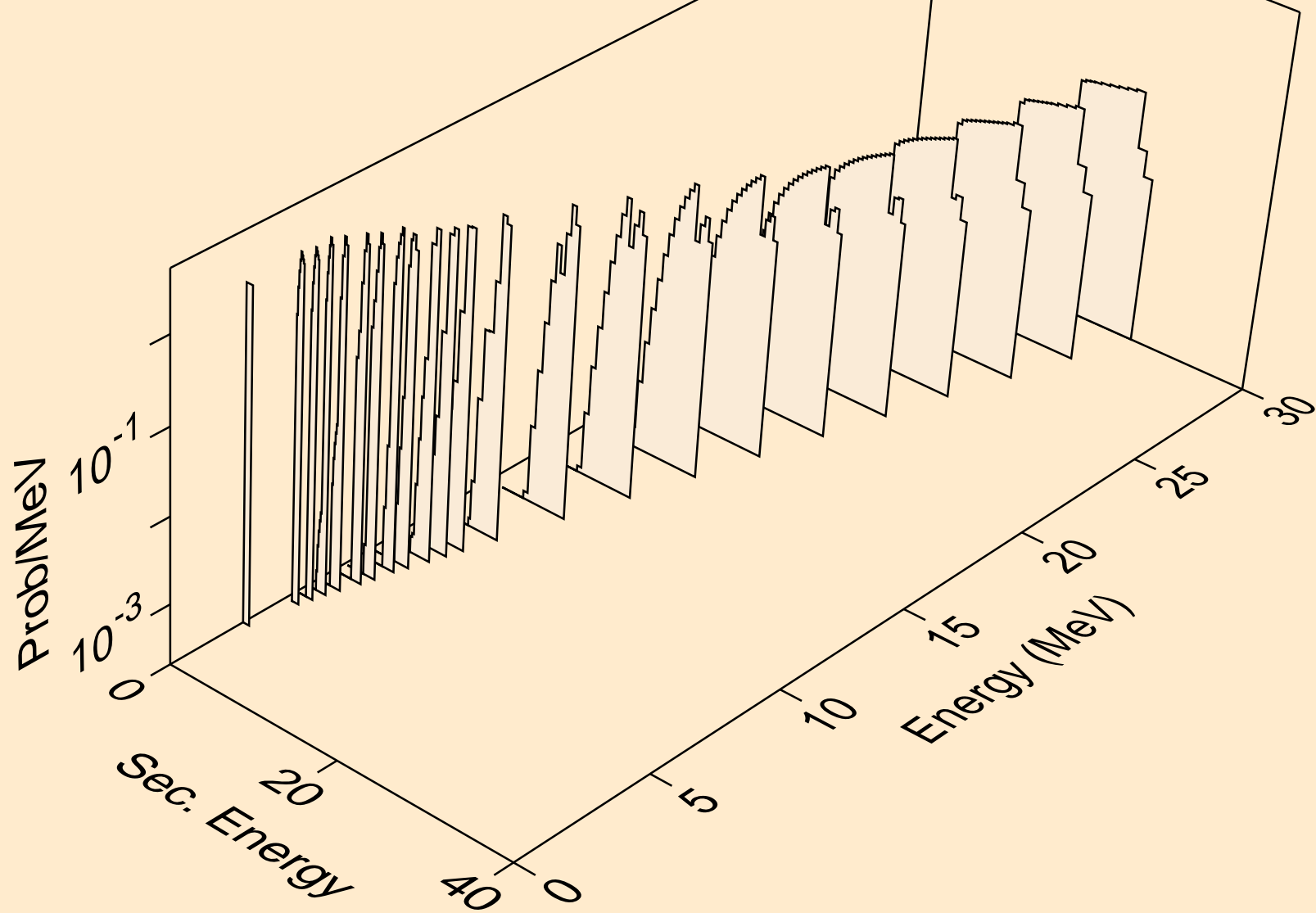
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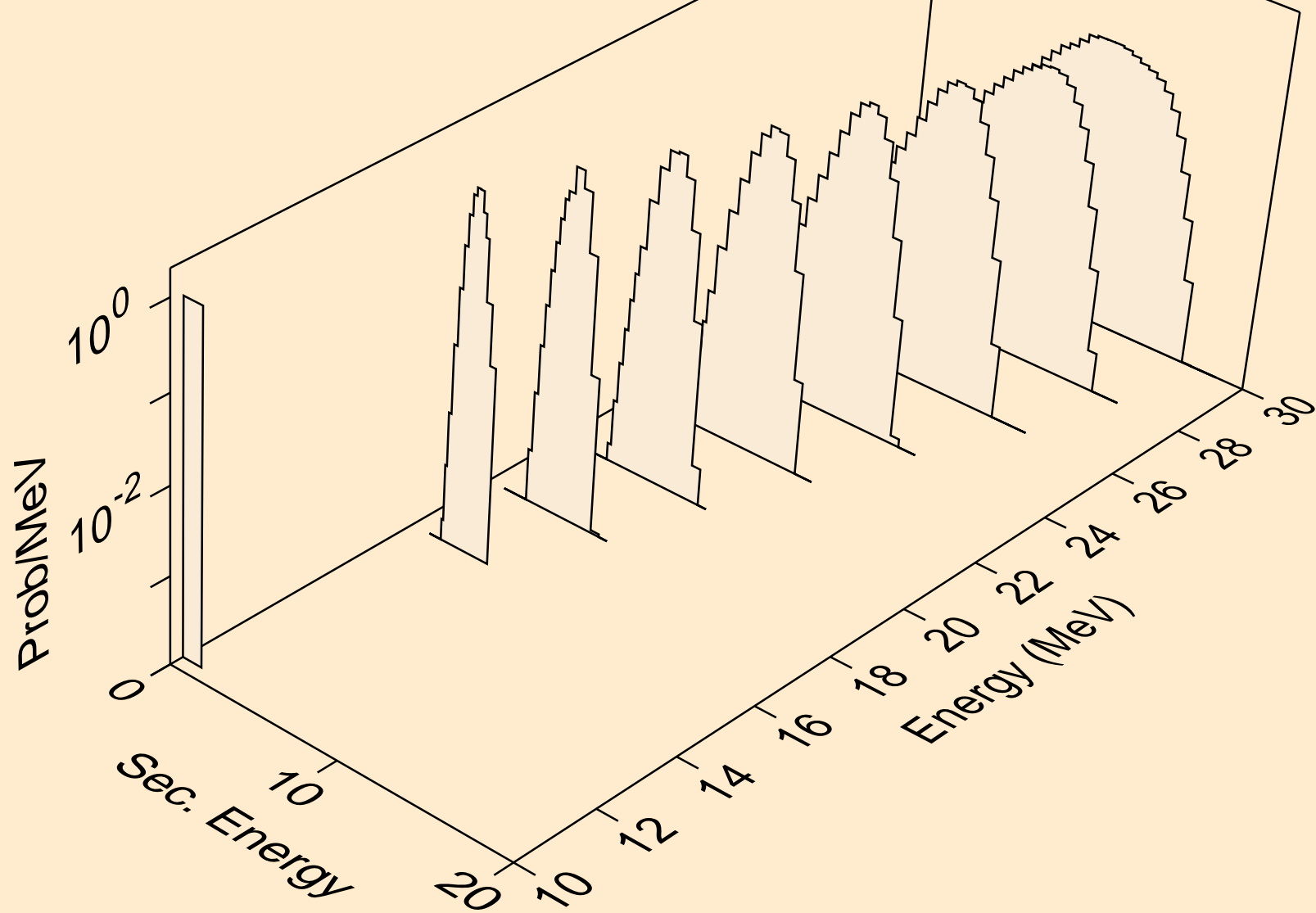
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deuterons from (n,n\*)d



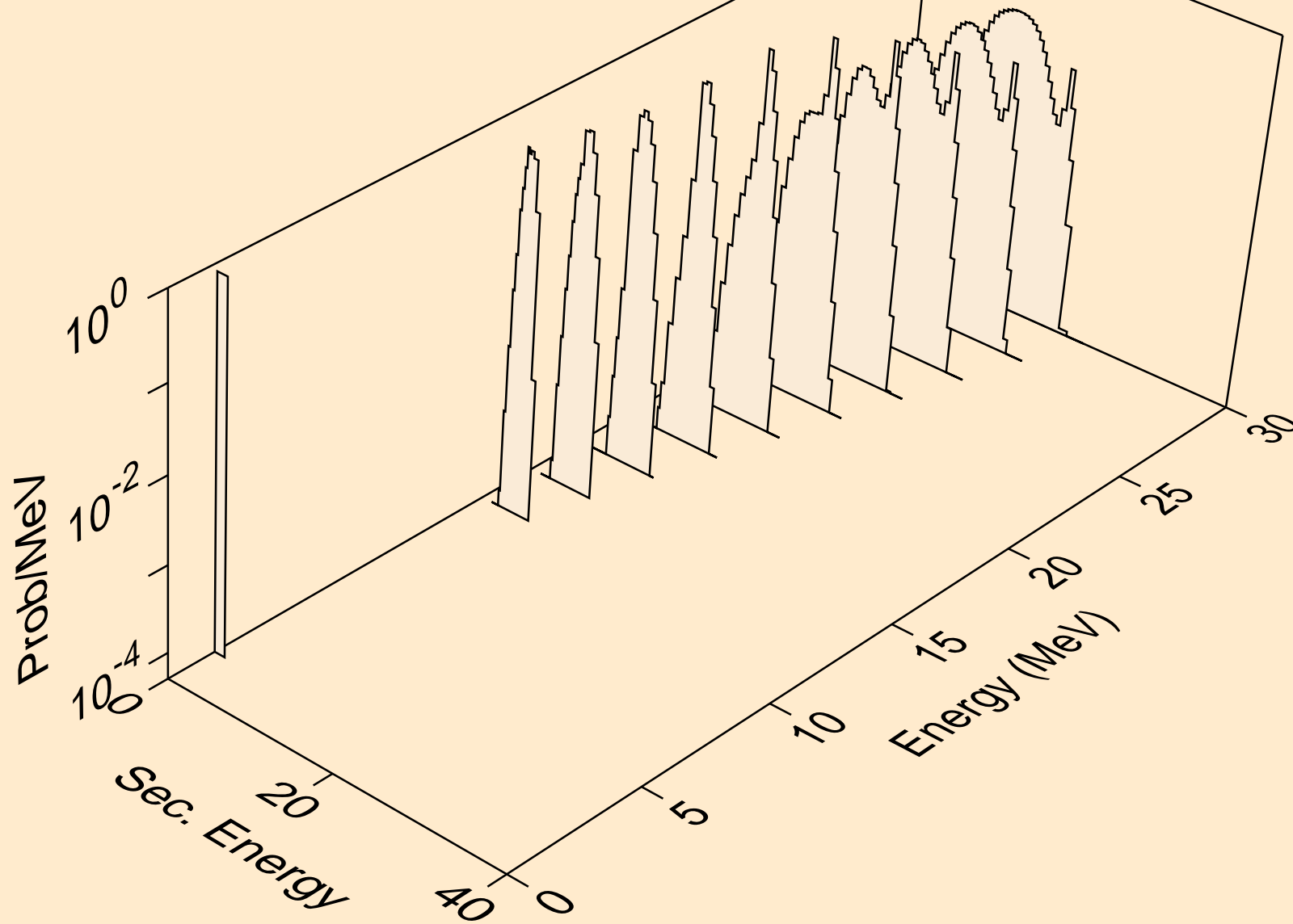
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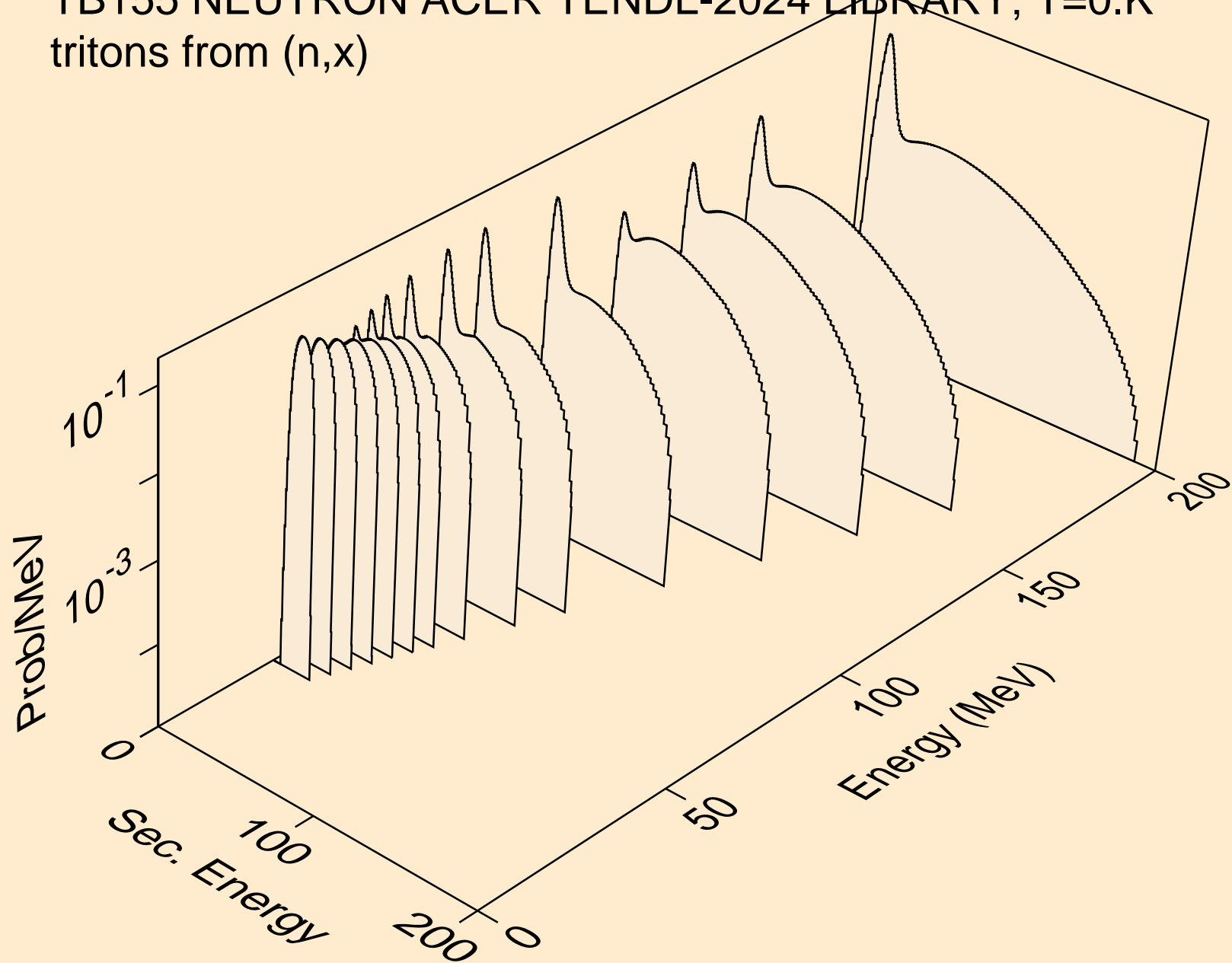
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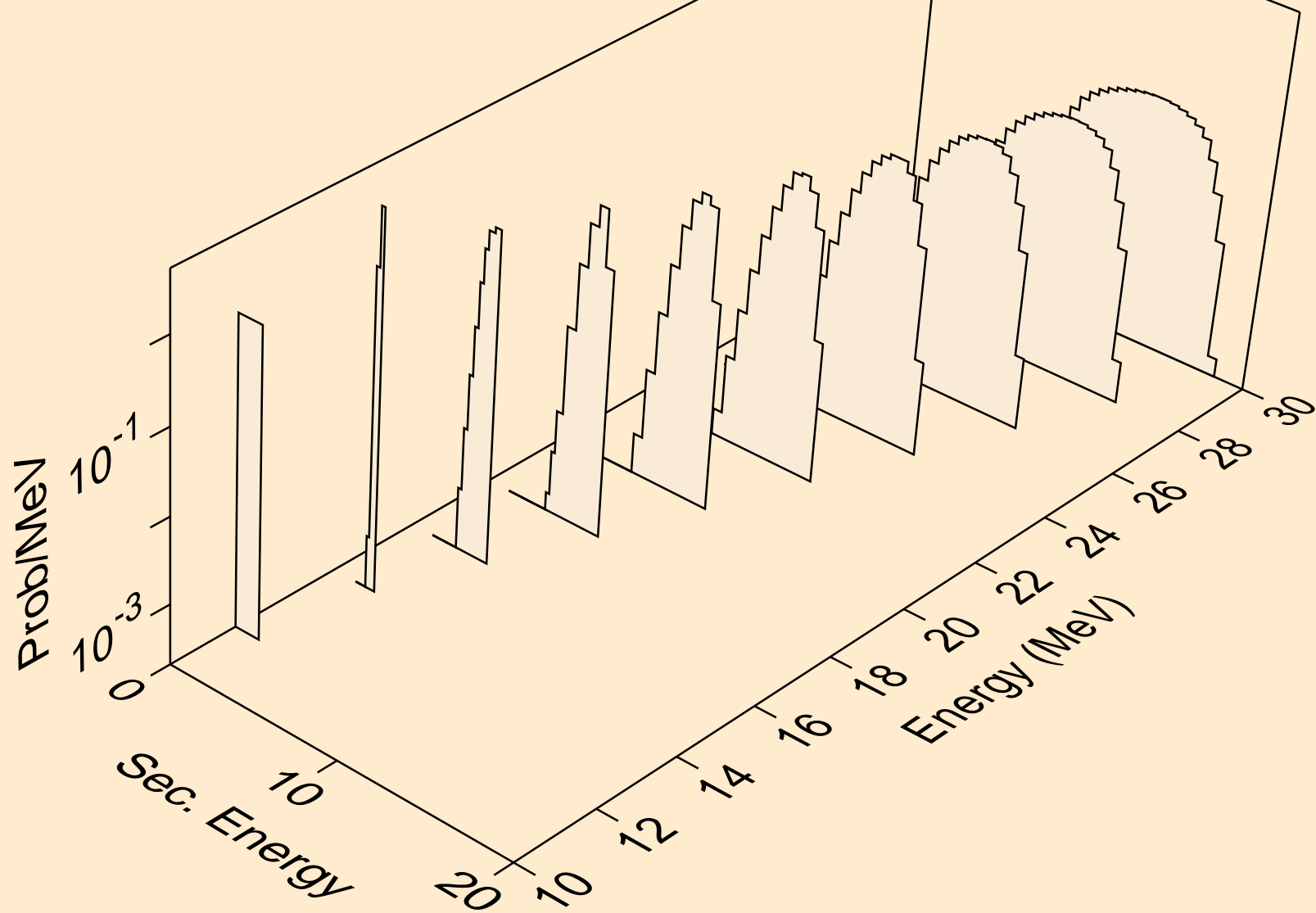
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deuterons from (n,da)



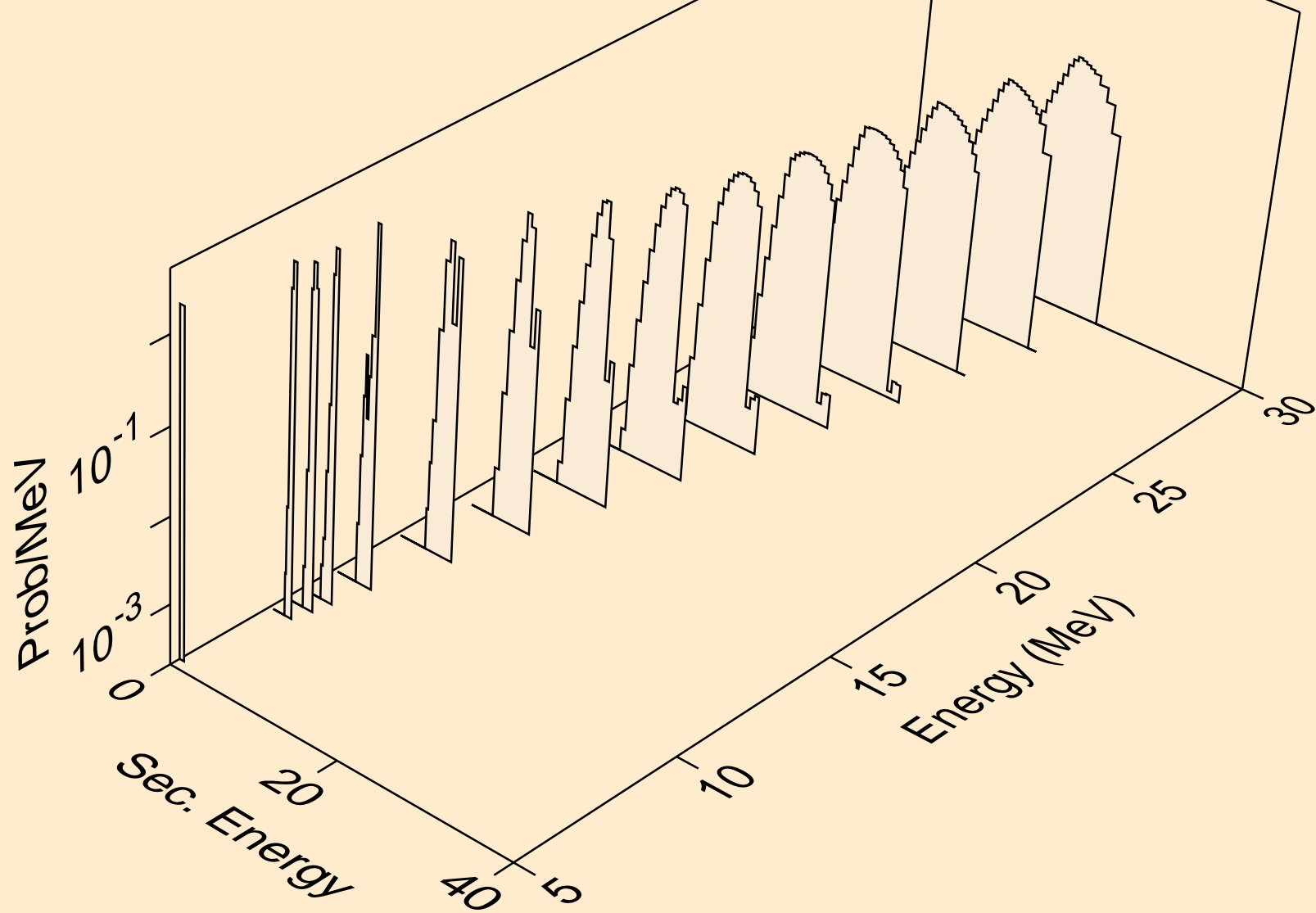
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tritons from (n,x)



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

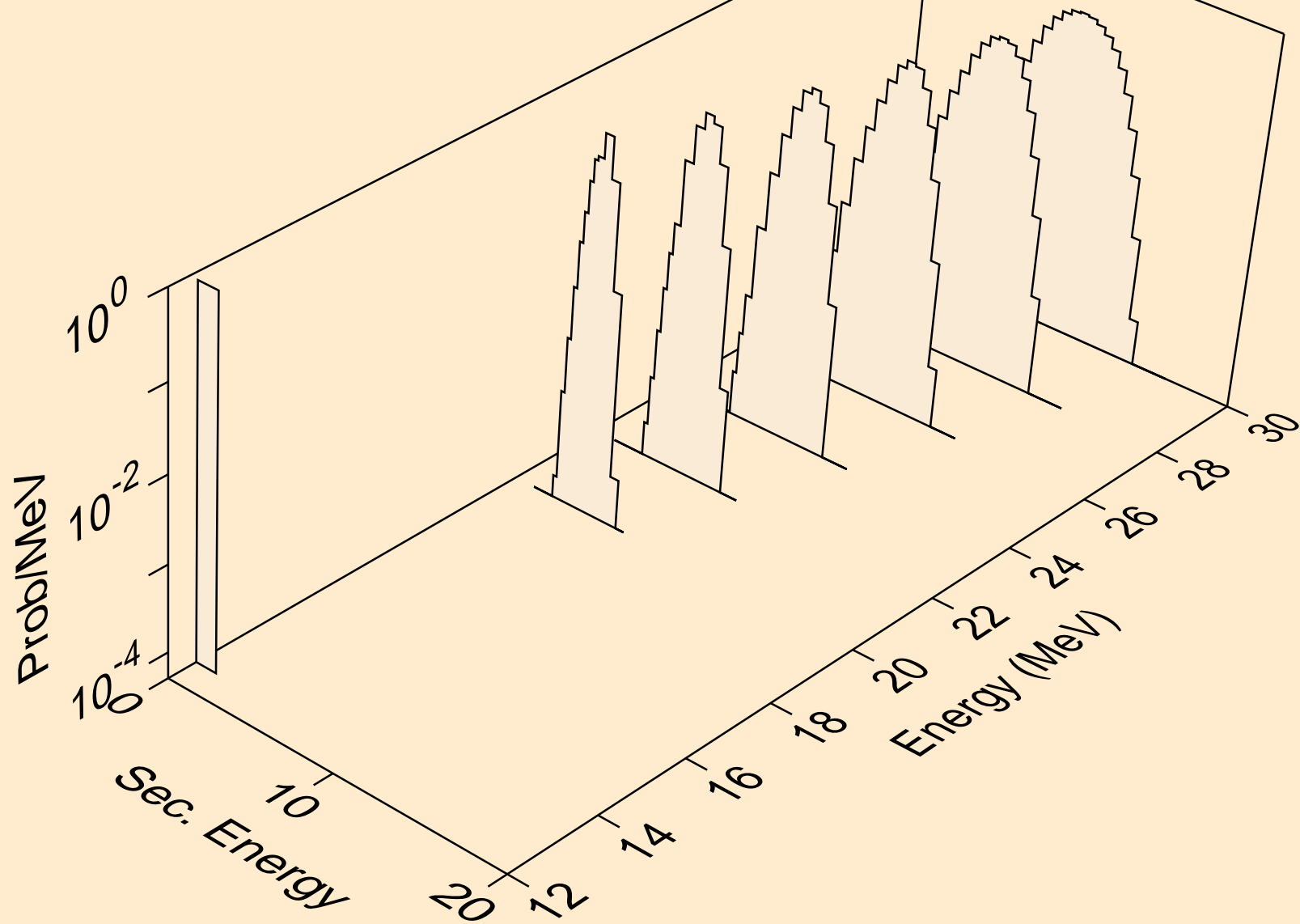


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

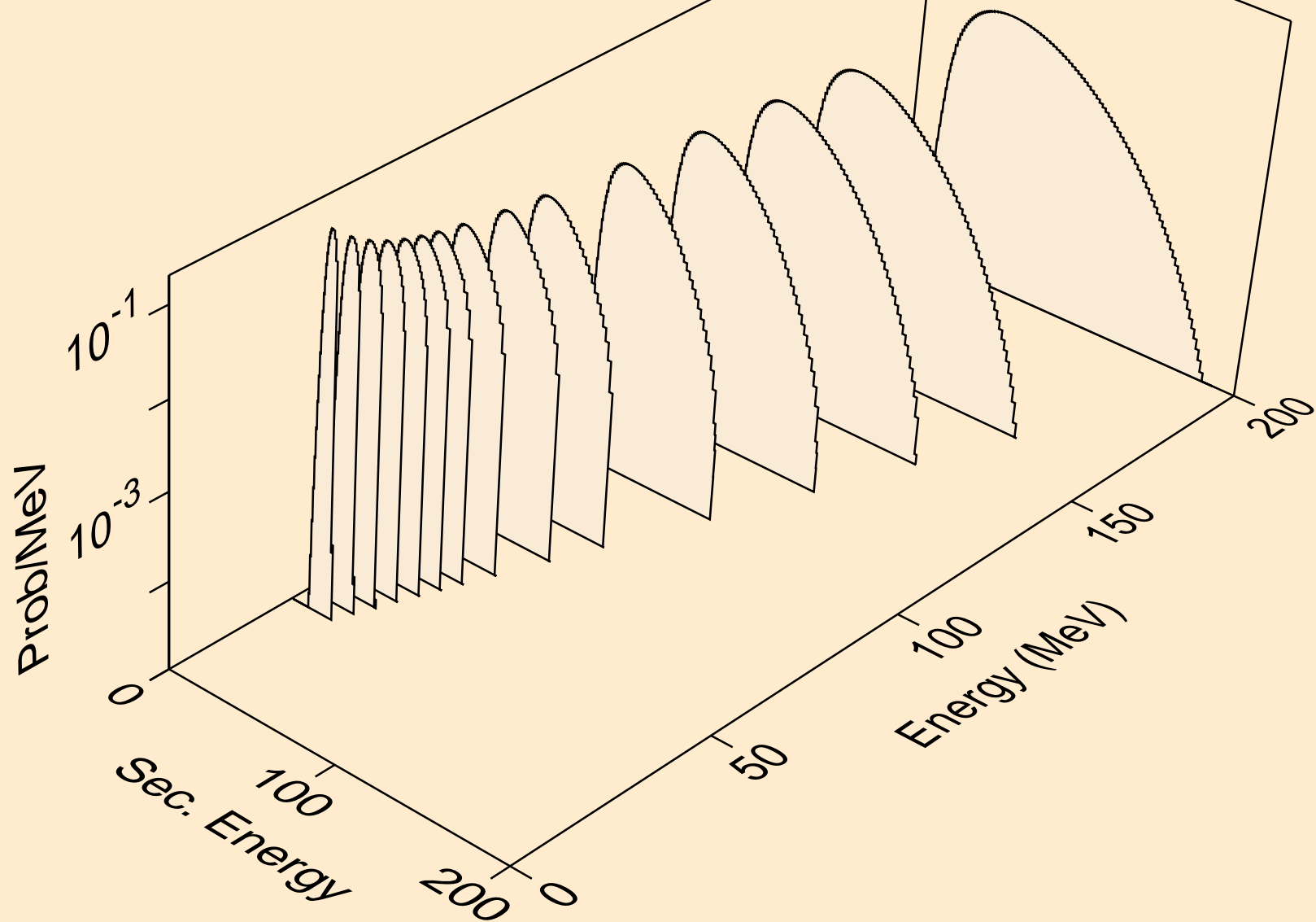




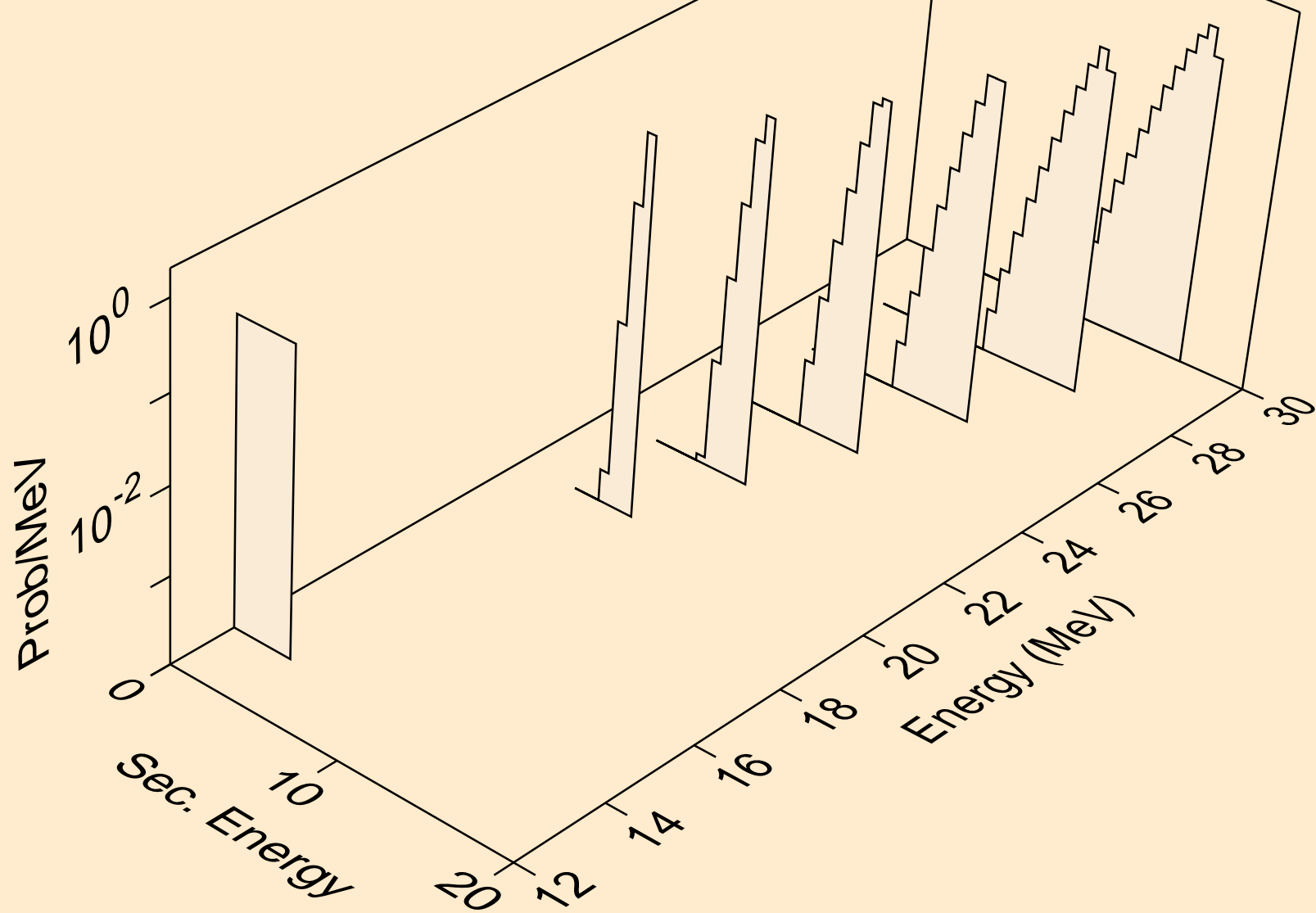
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



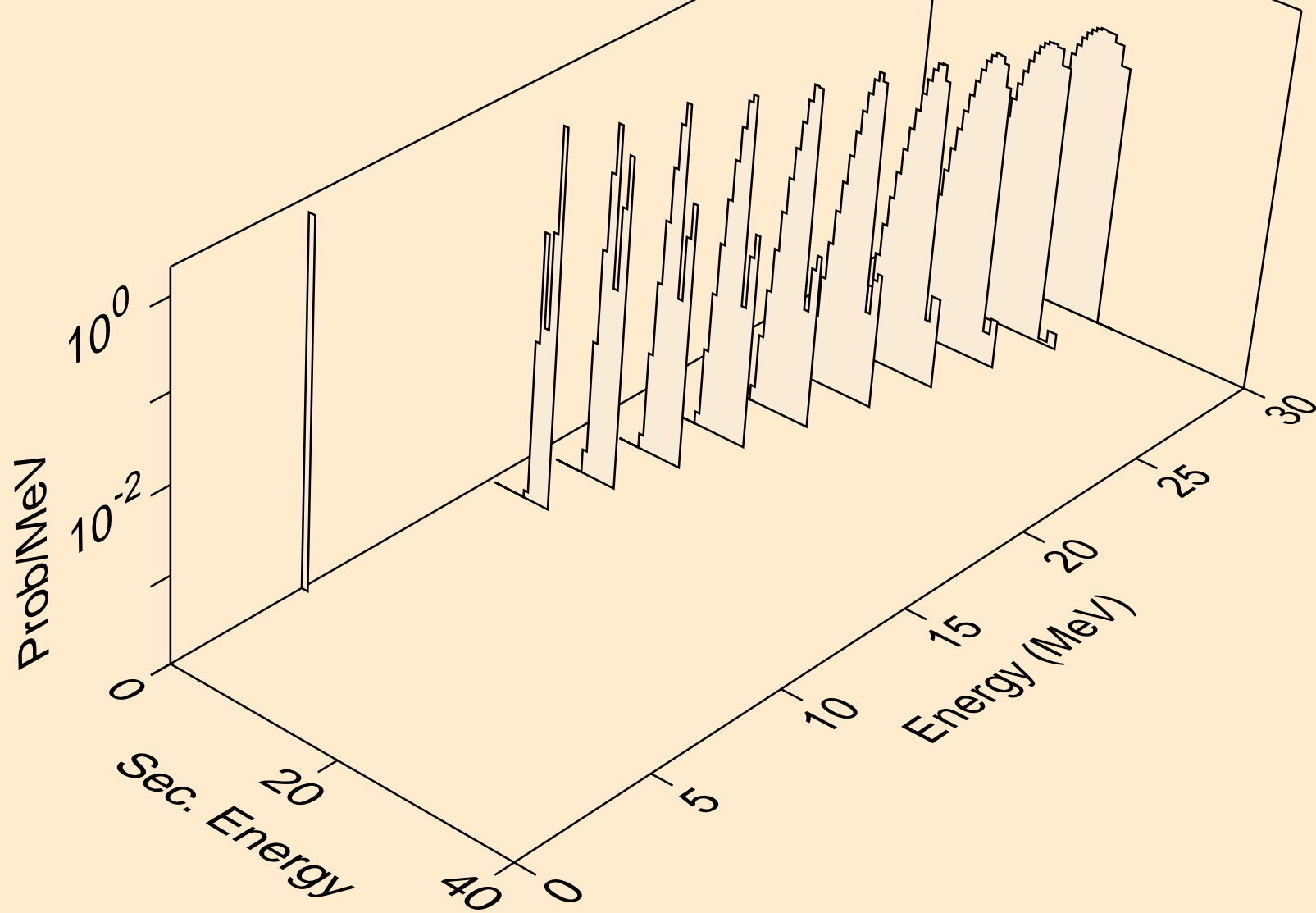
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



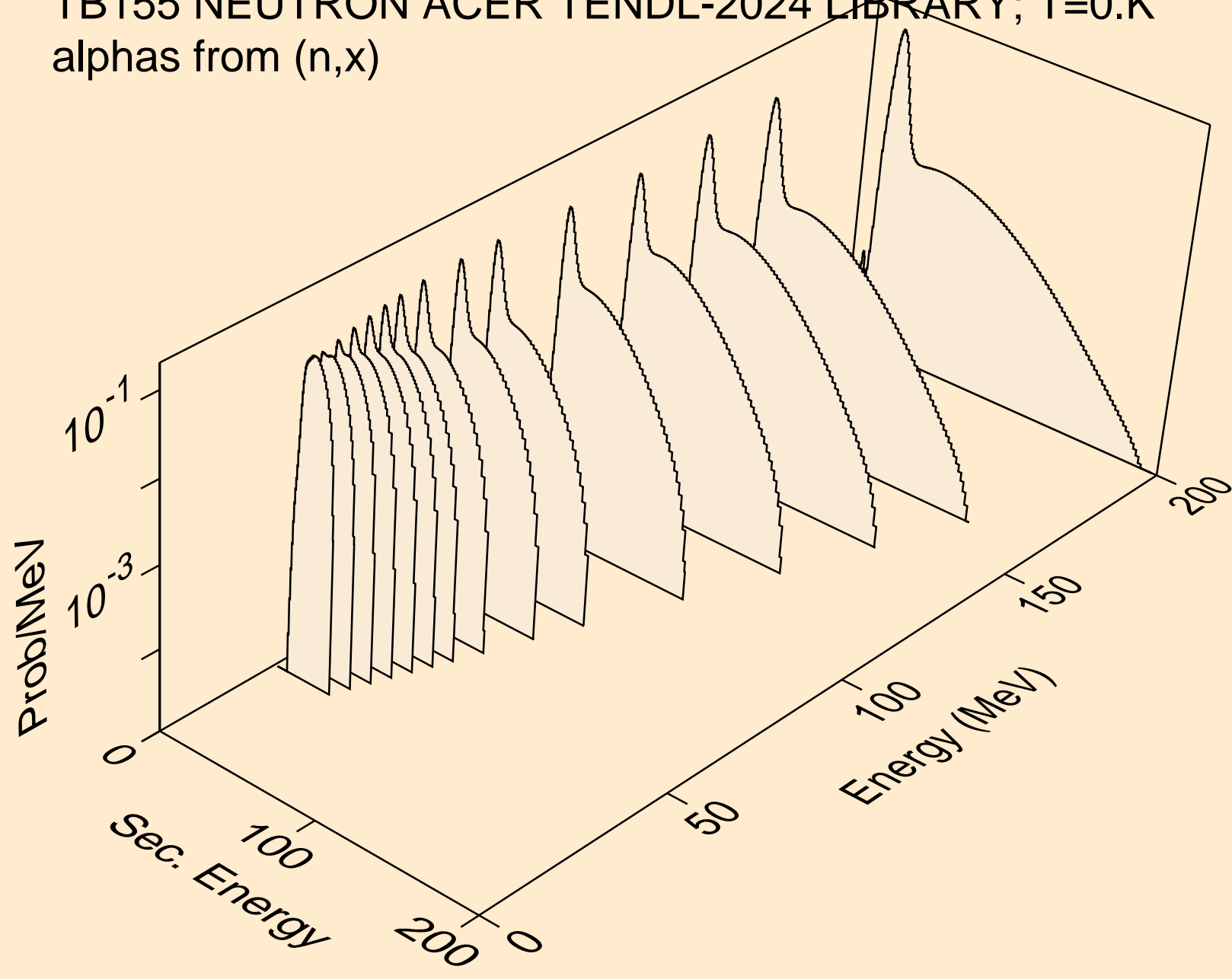
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



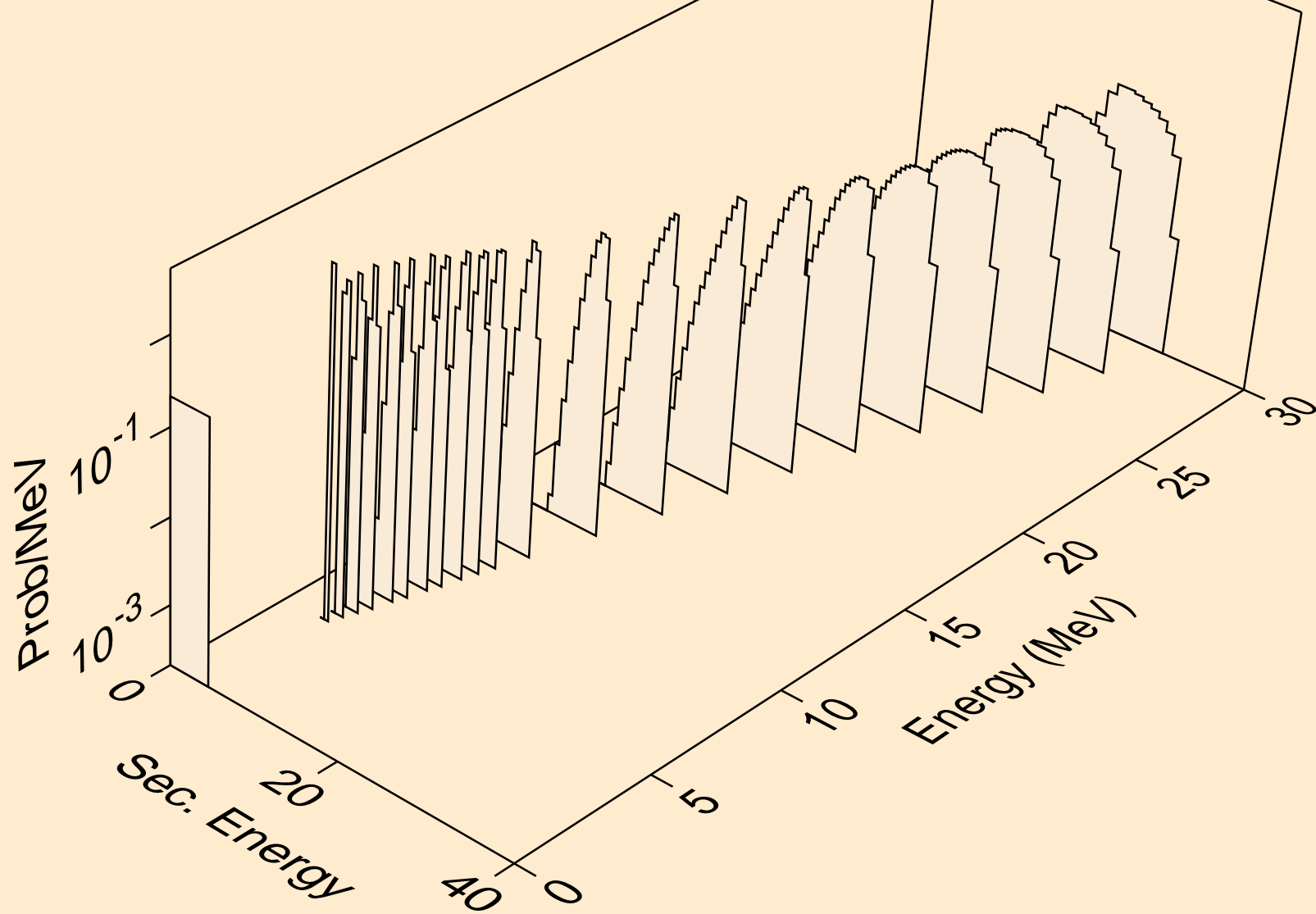
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he3s from (n,he3)



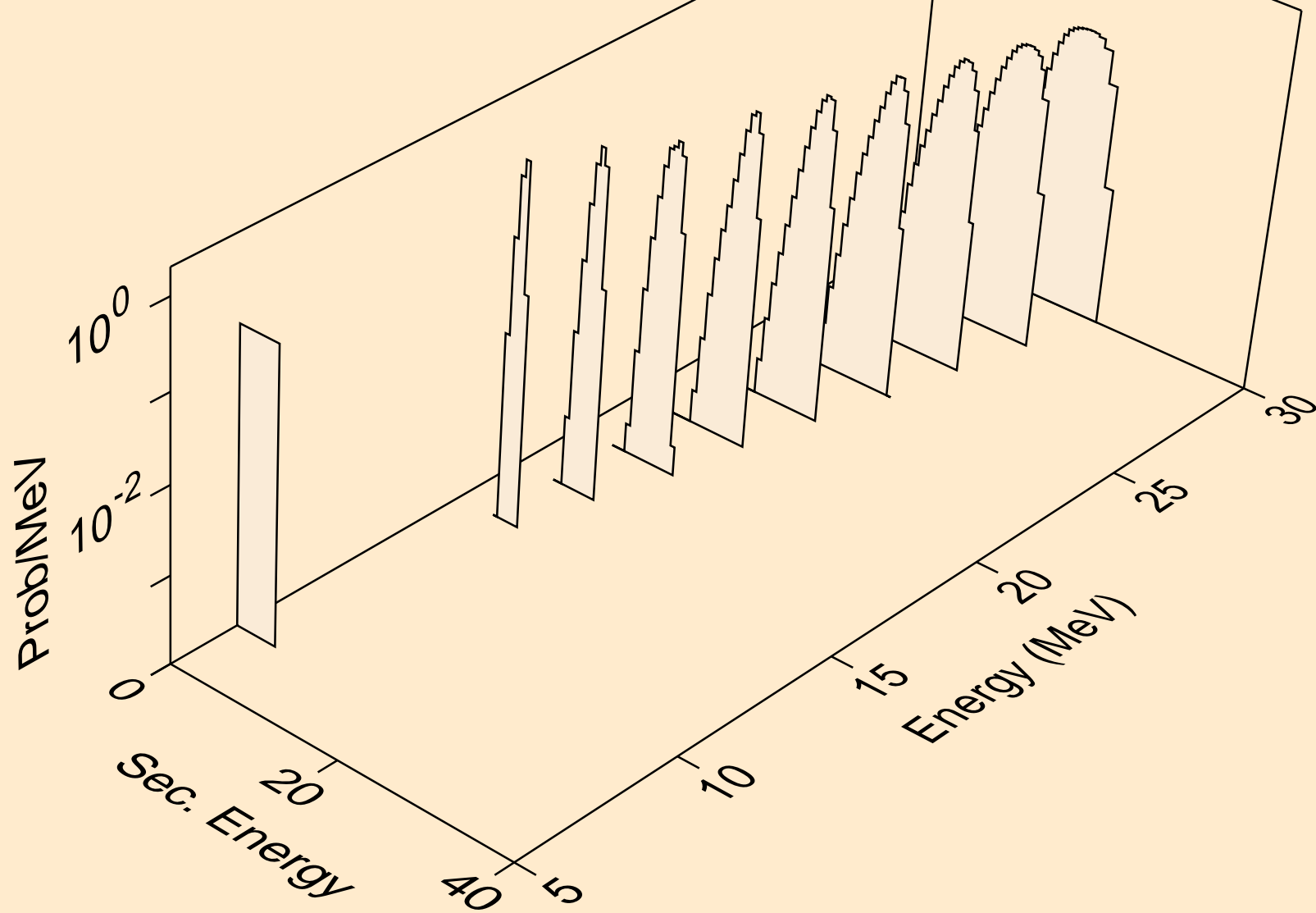
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



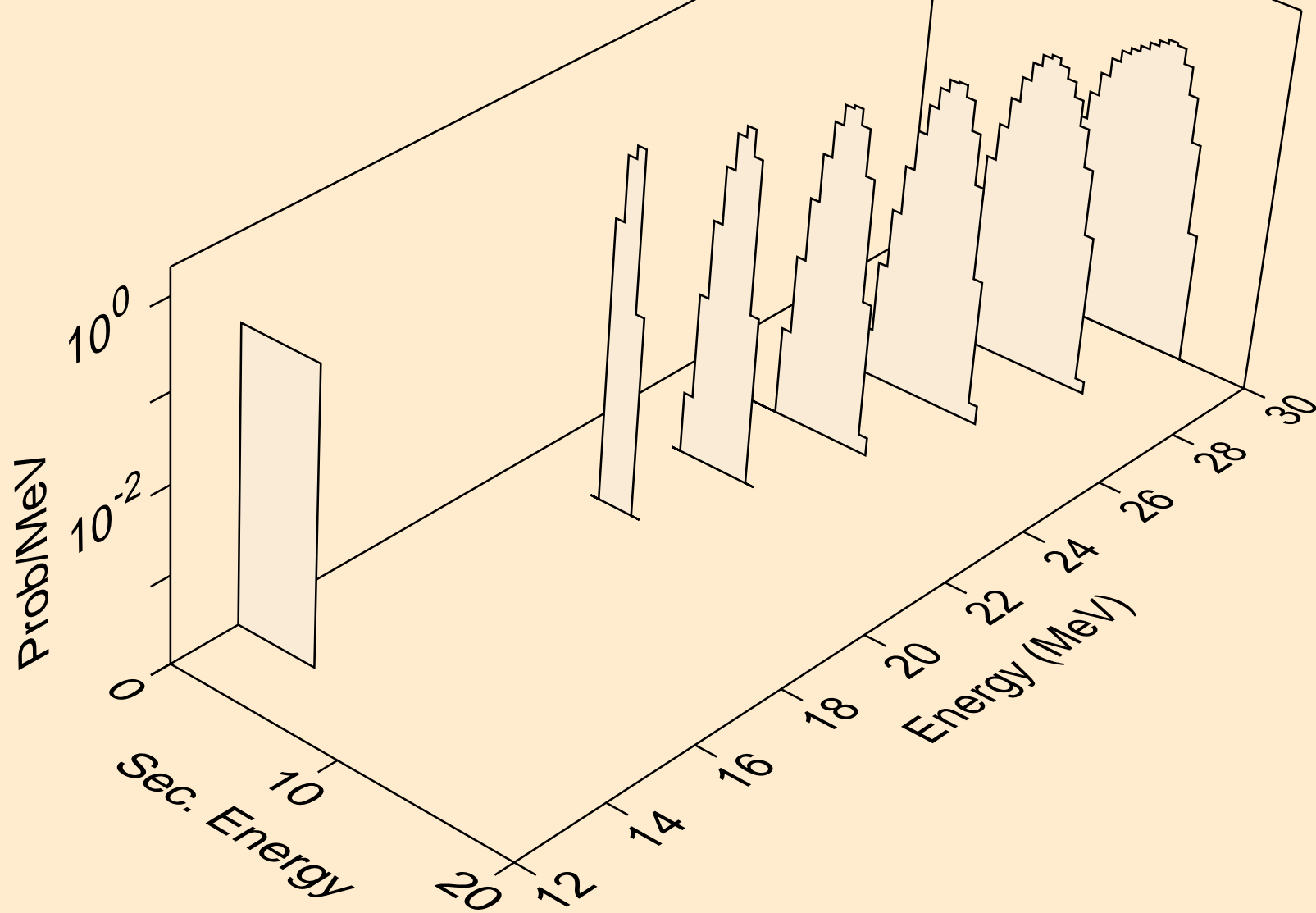
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

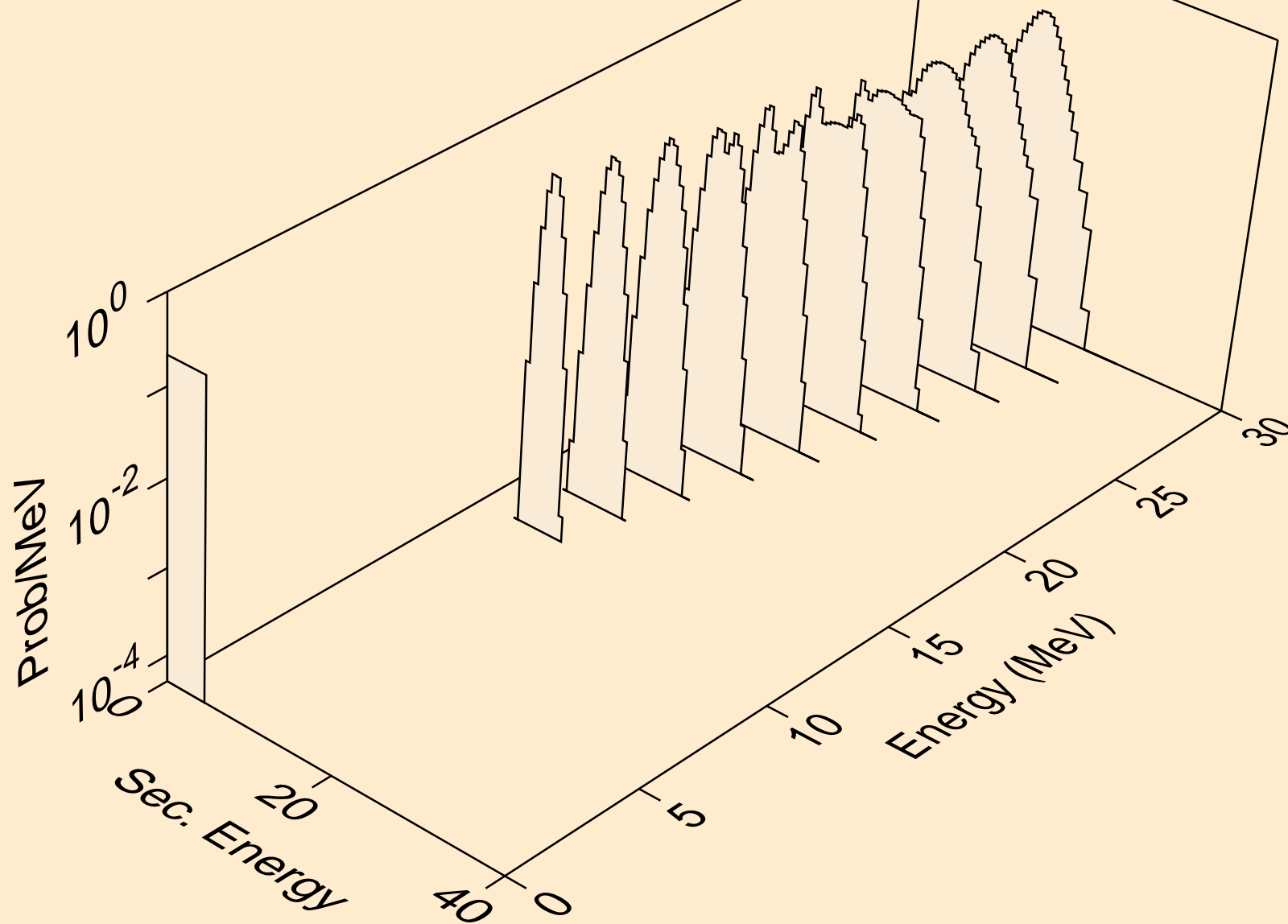


TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

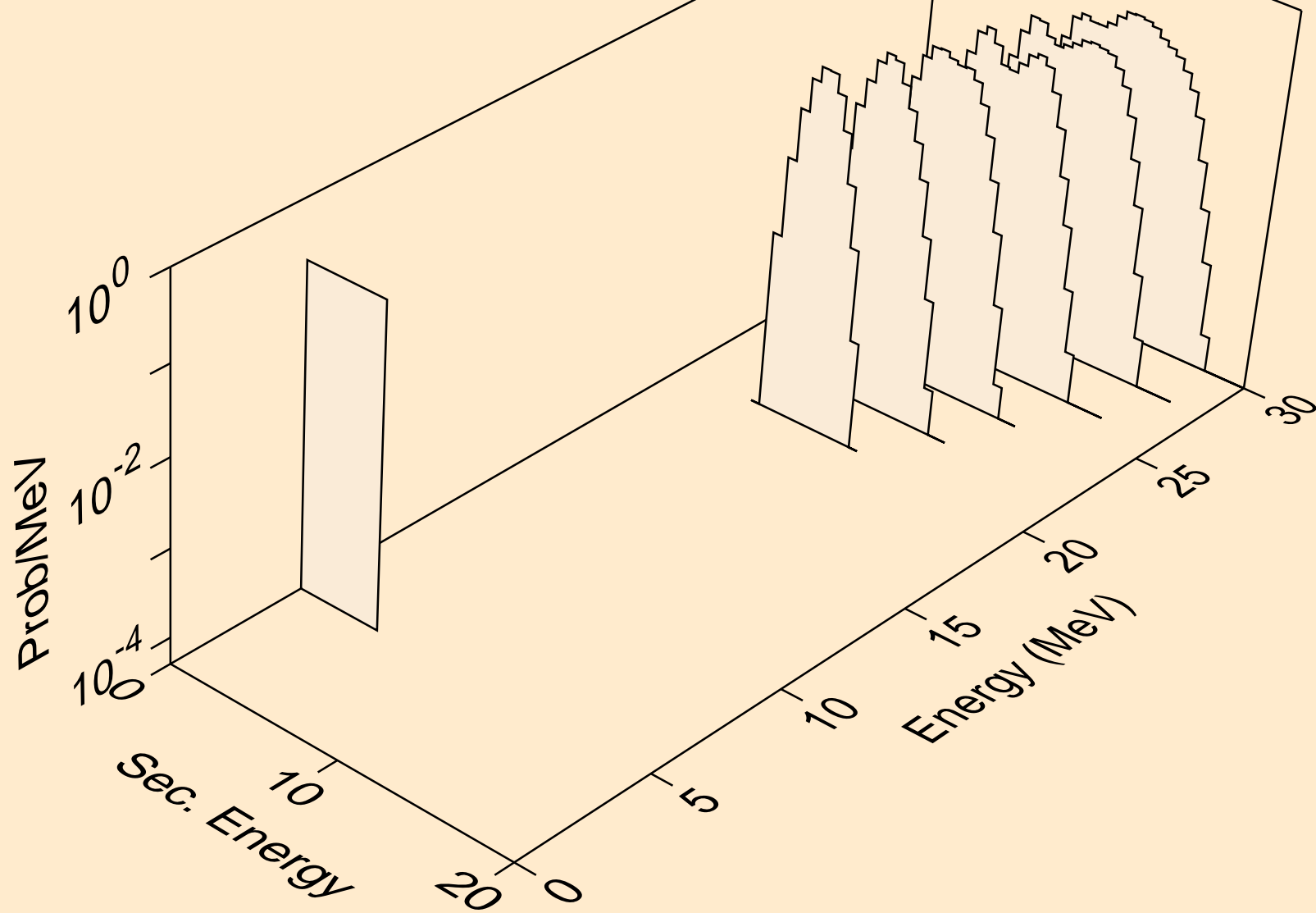




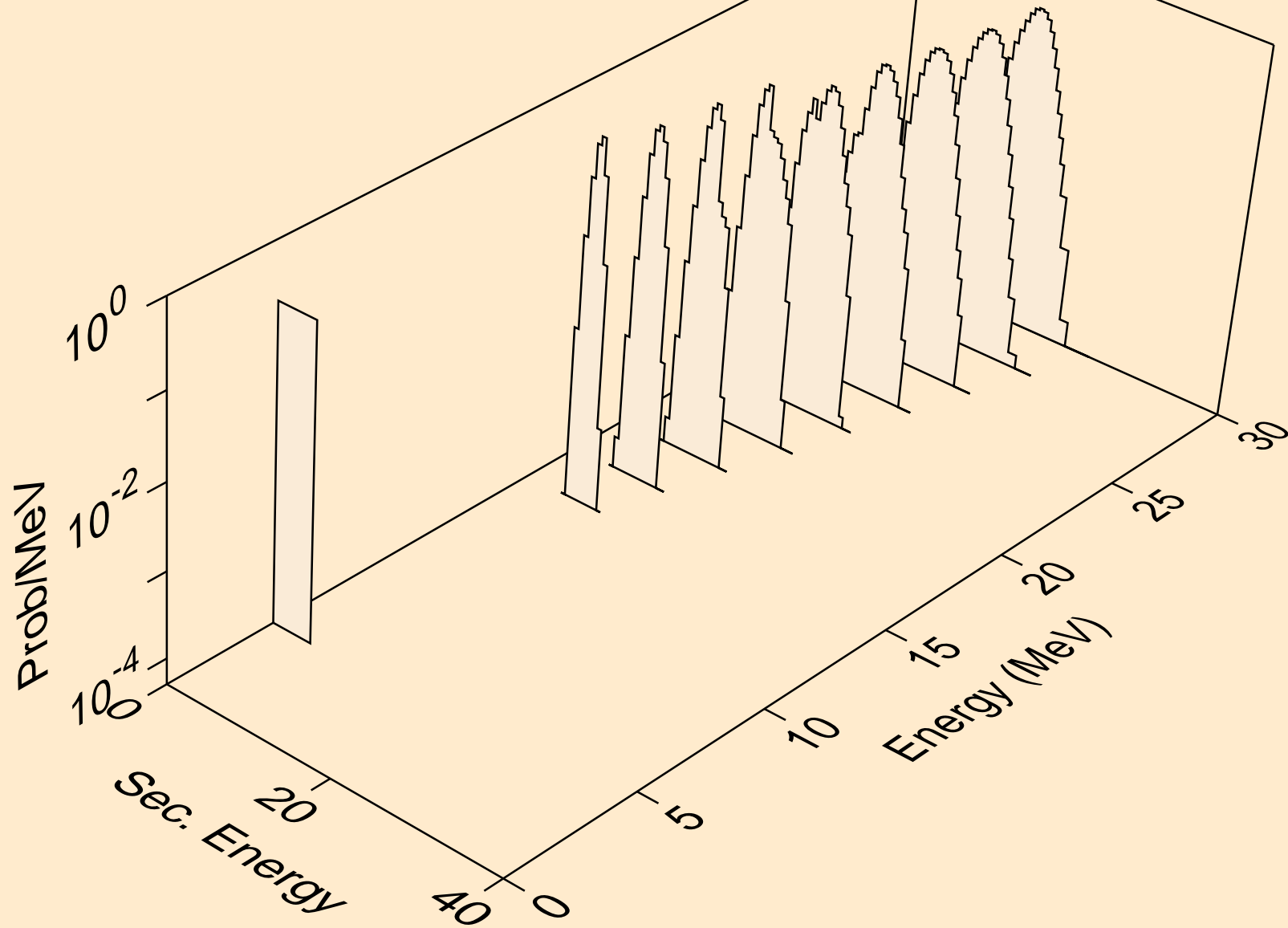
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



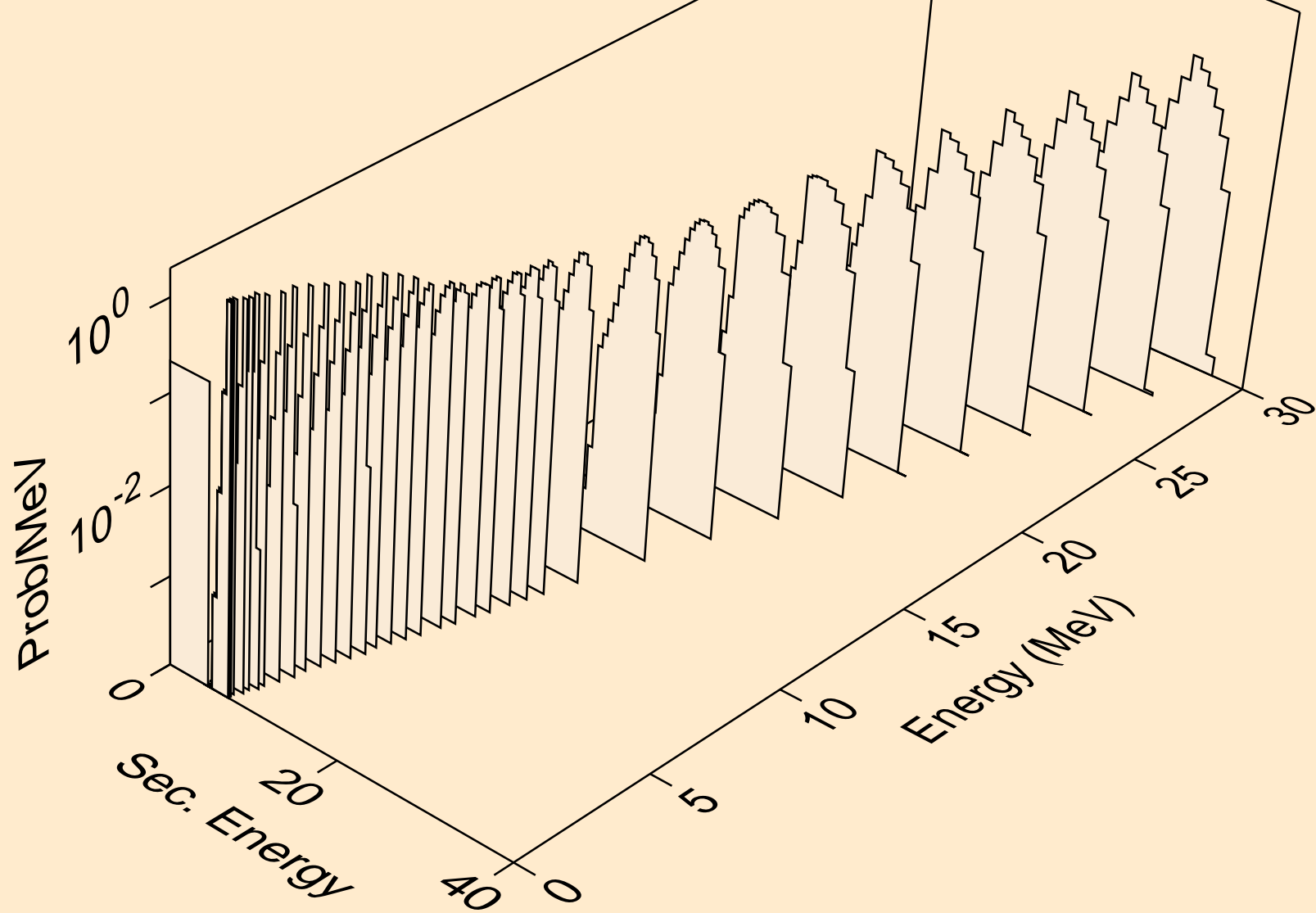
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



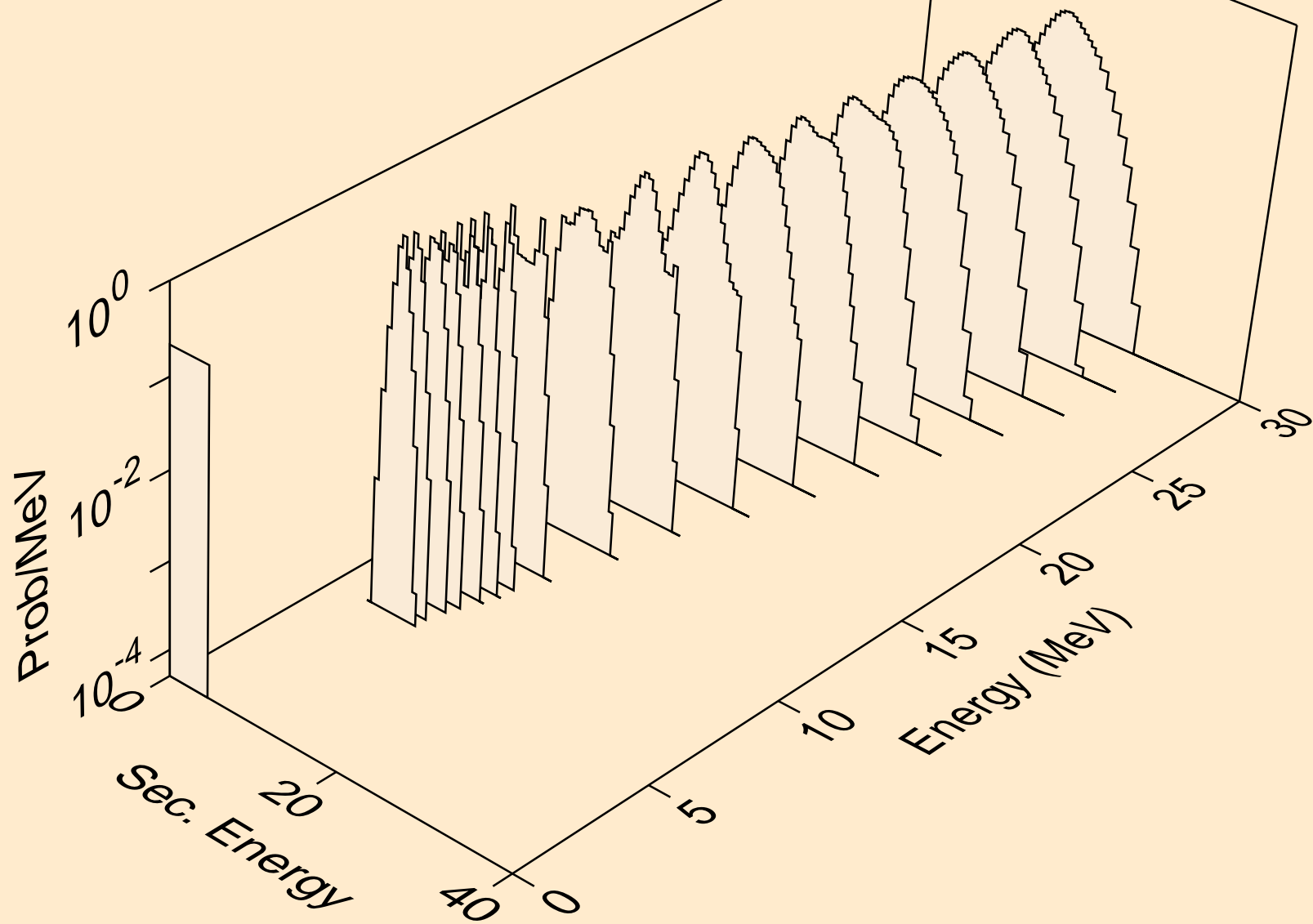
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



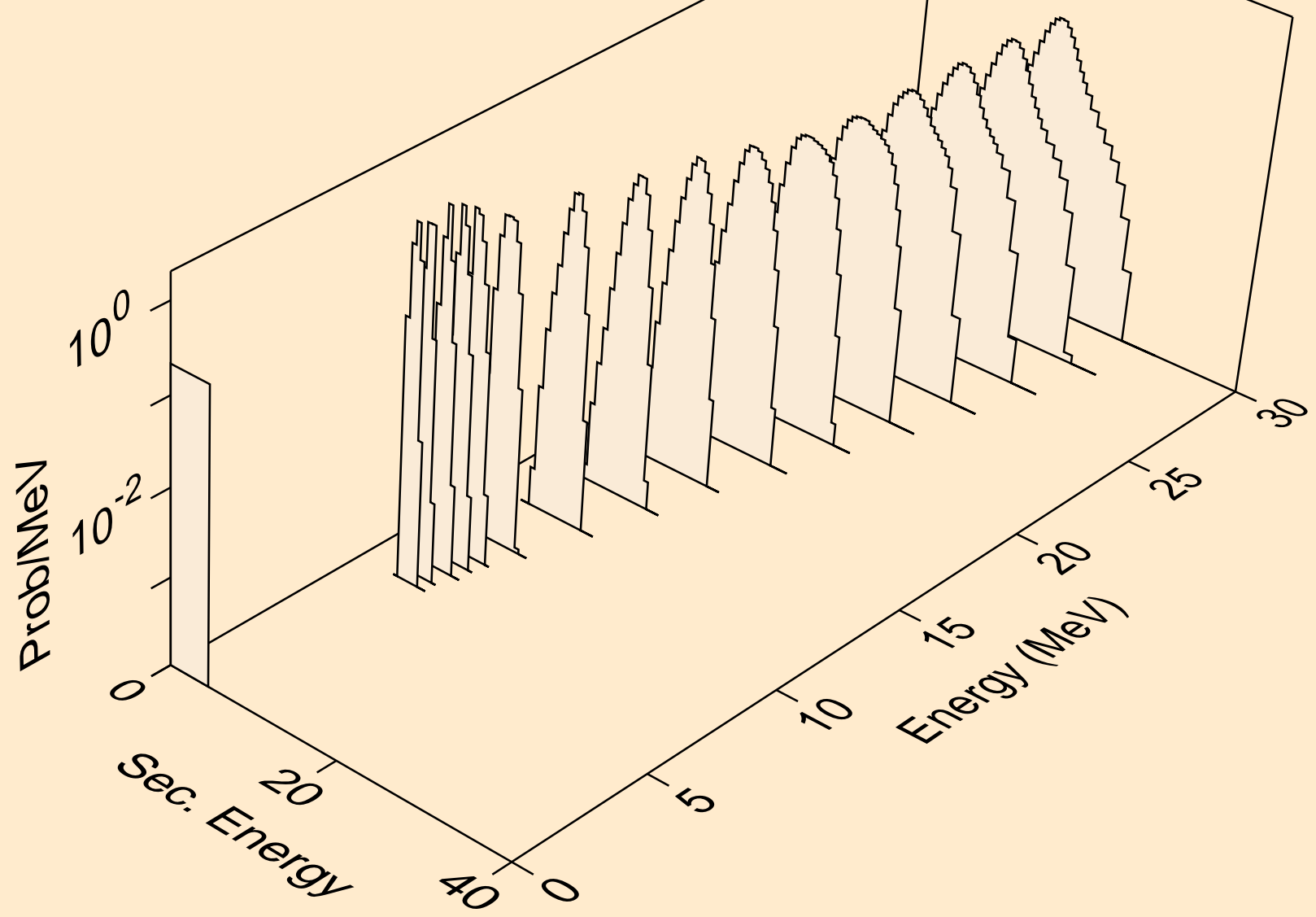
TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



TB155 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

