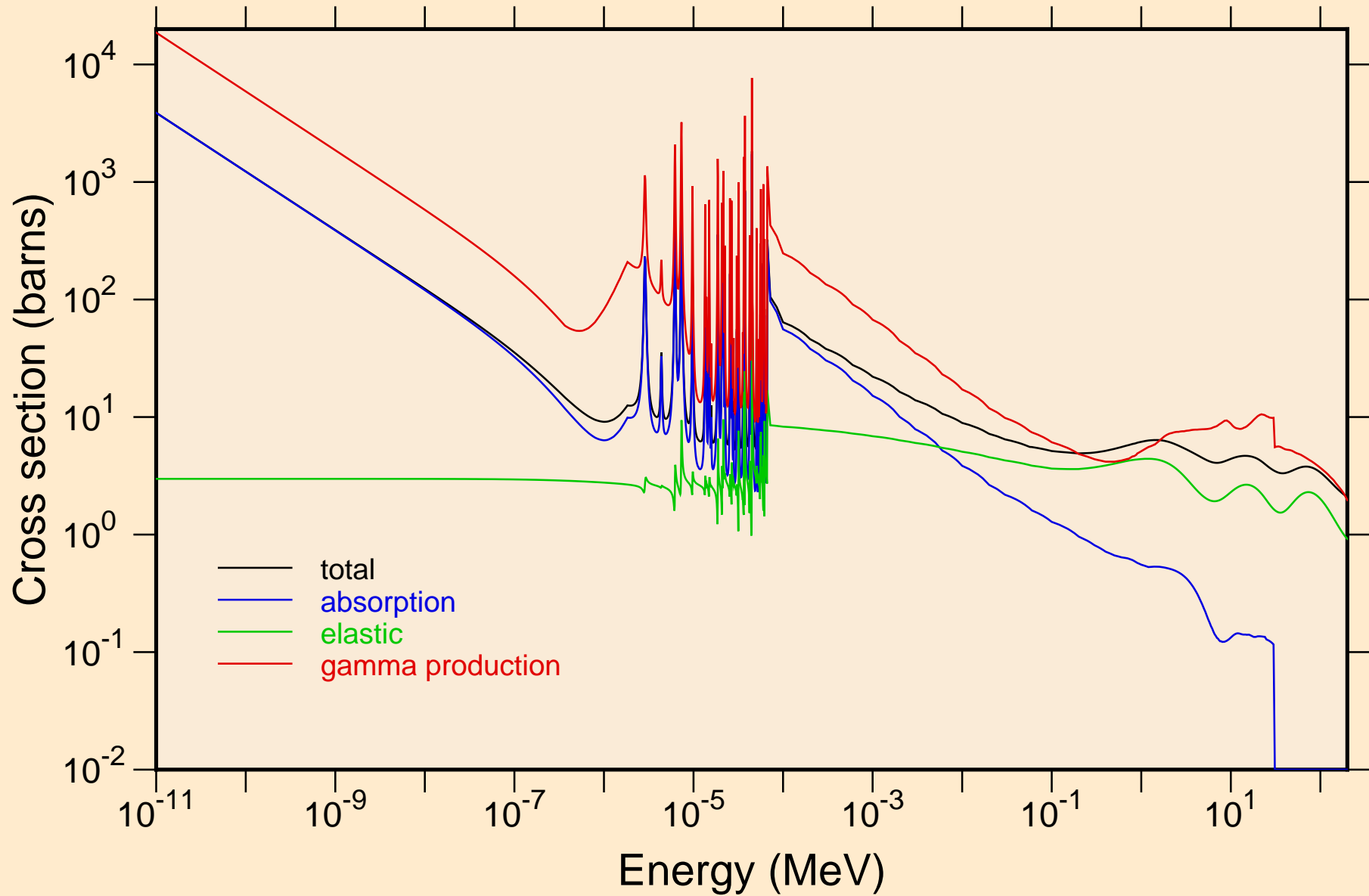
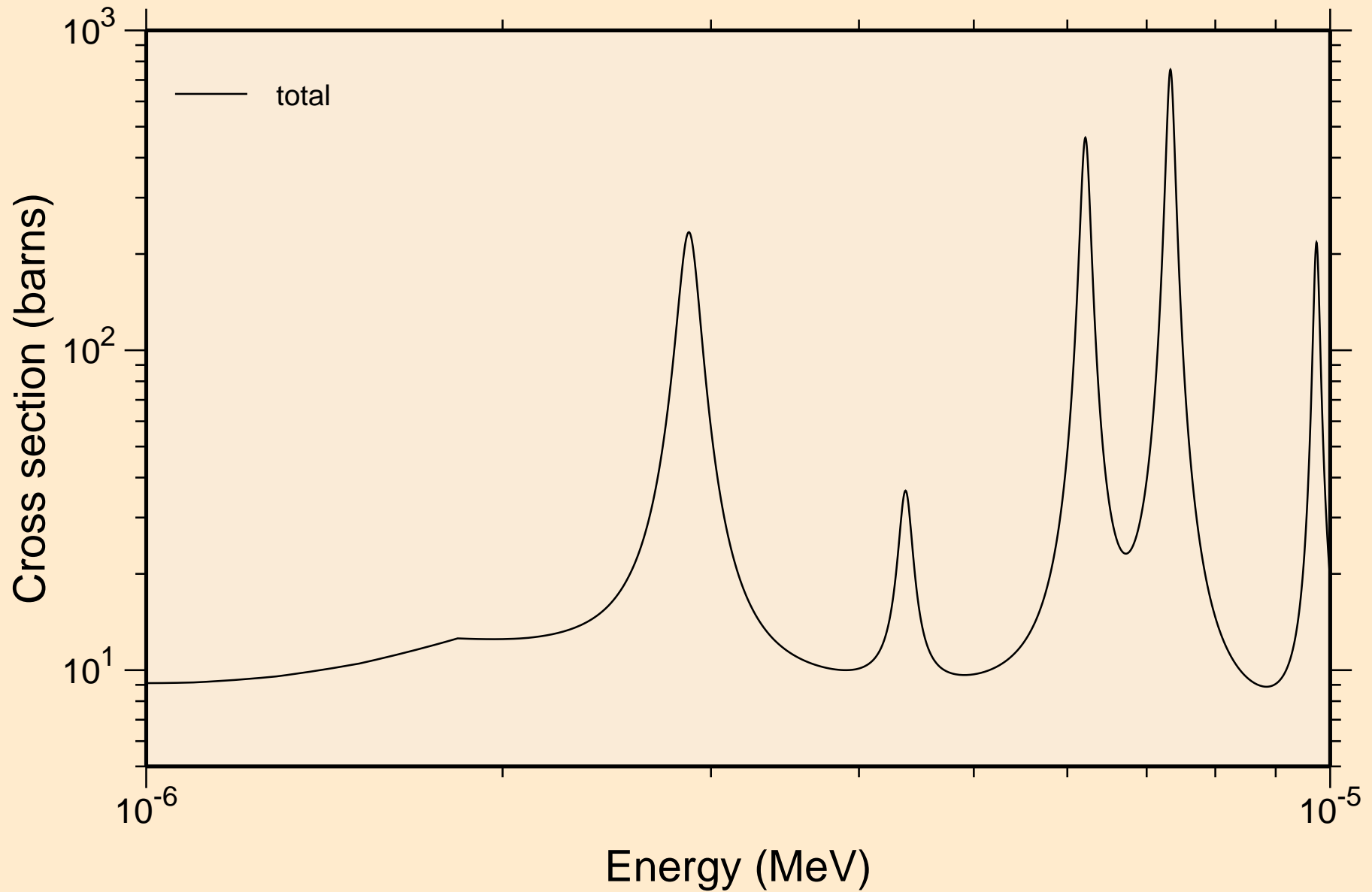


# BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

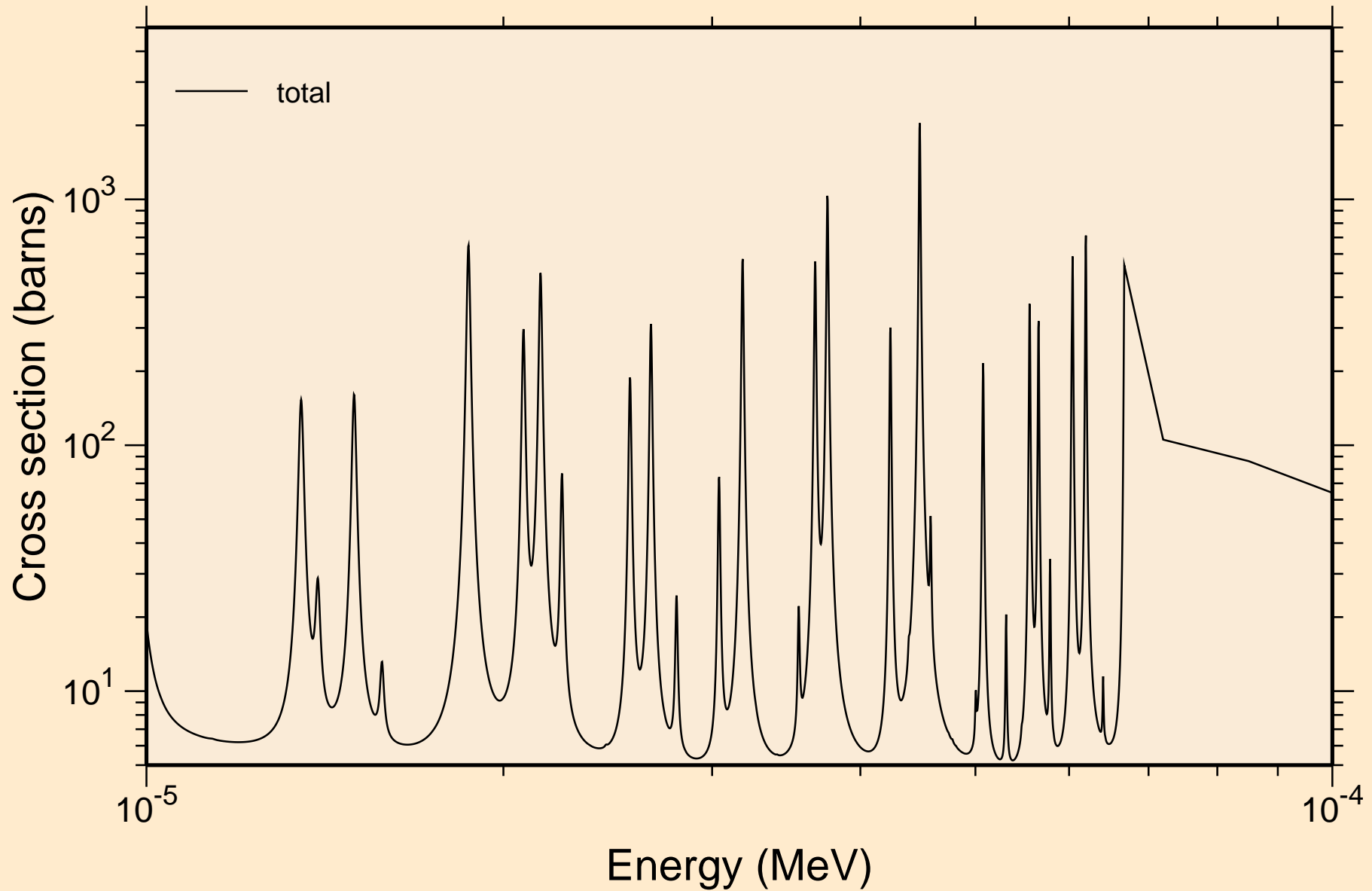
## Principal cross sections



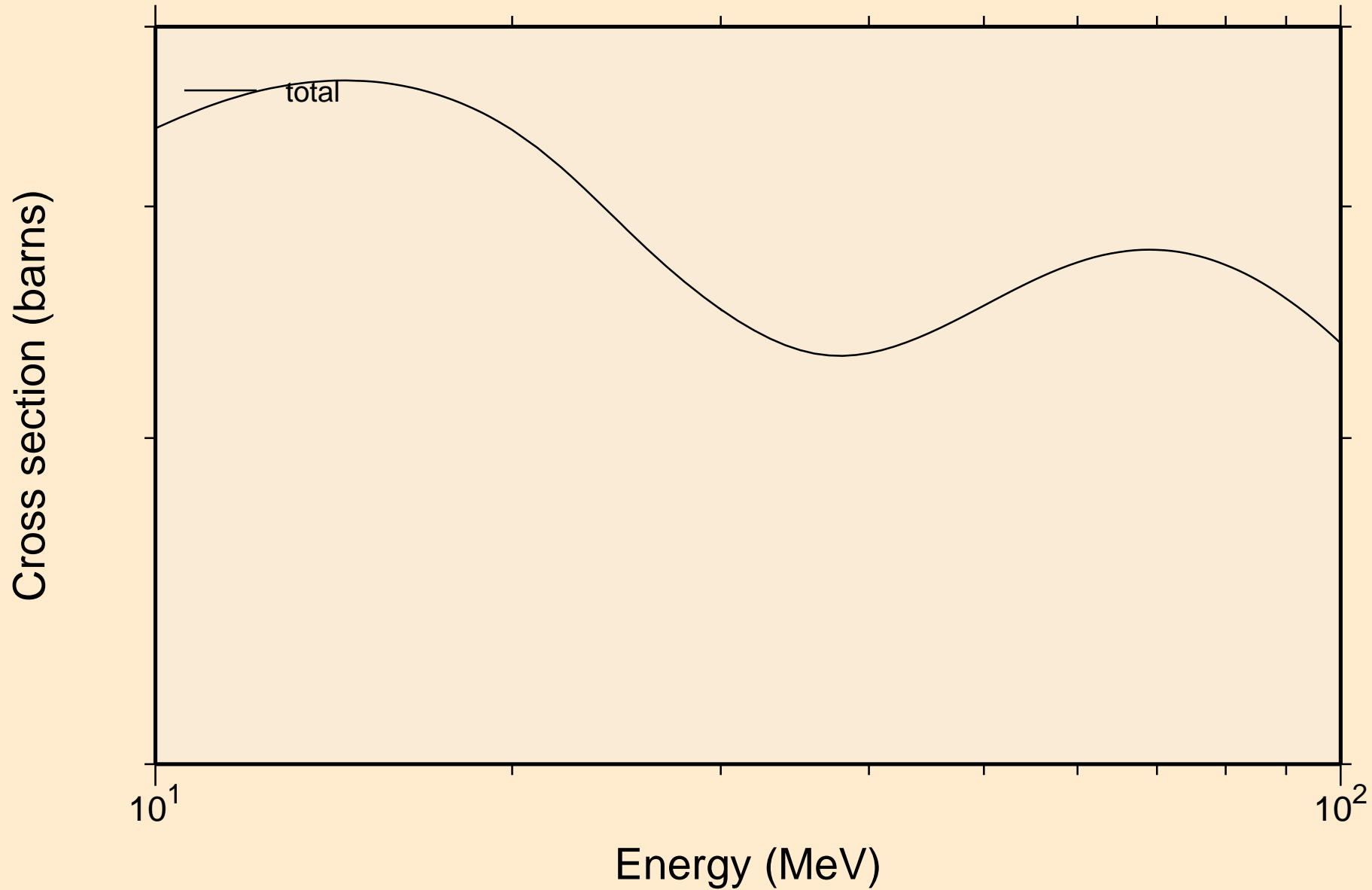
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



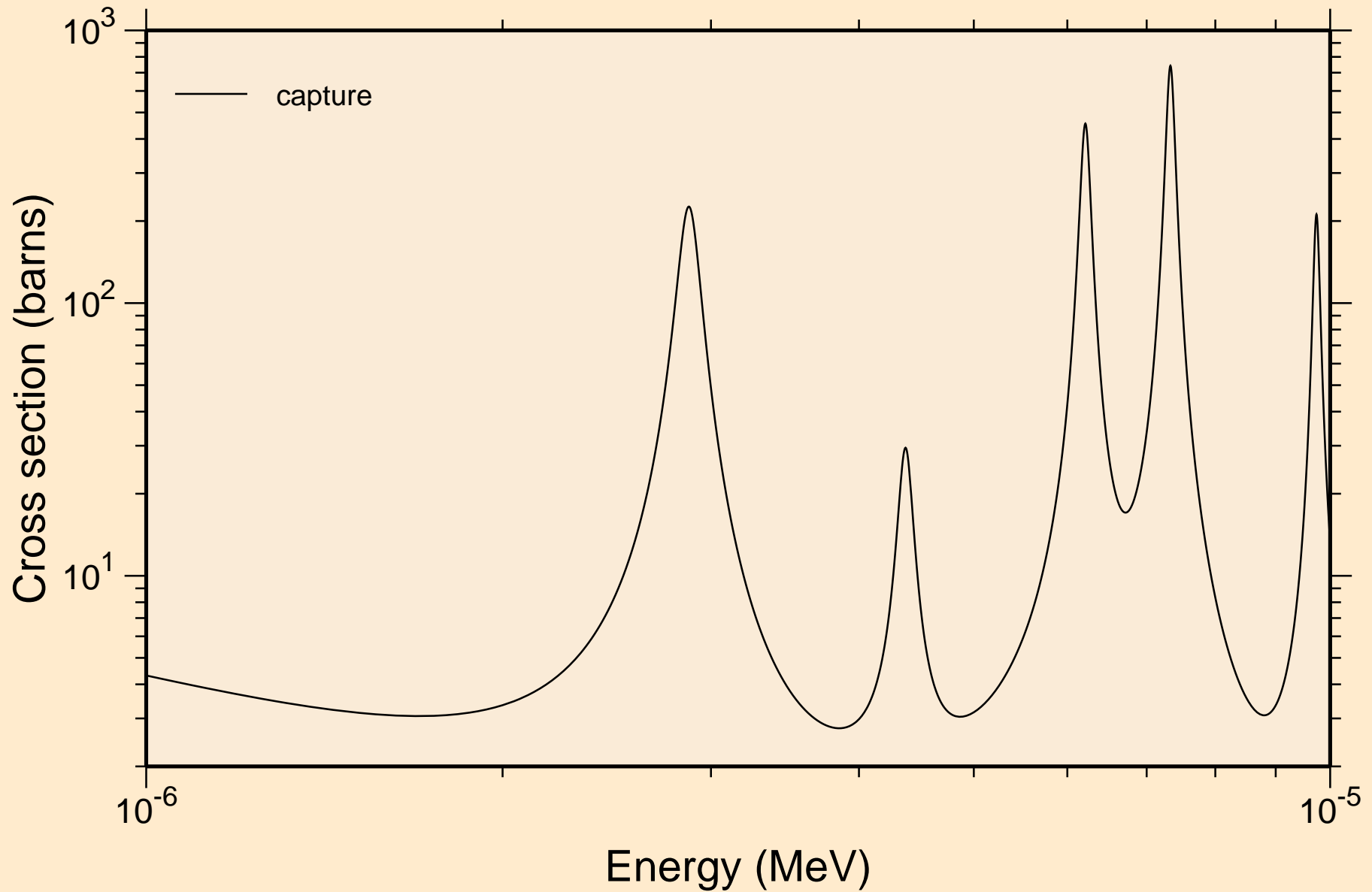
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



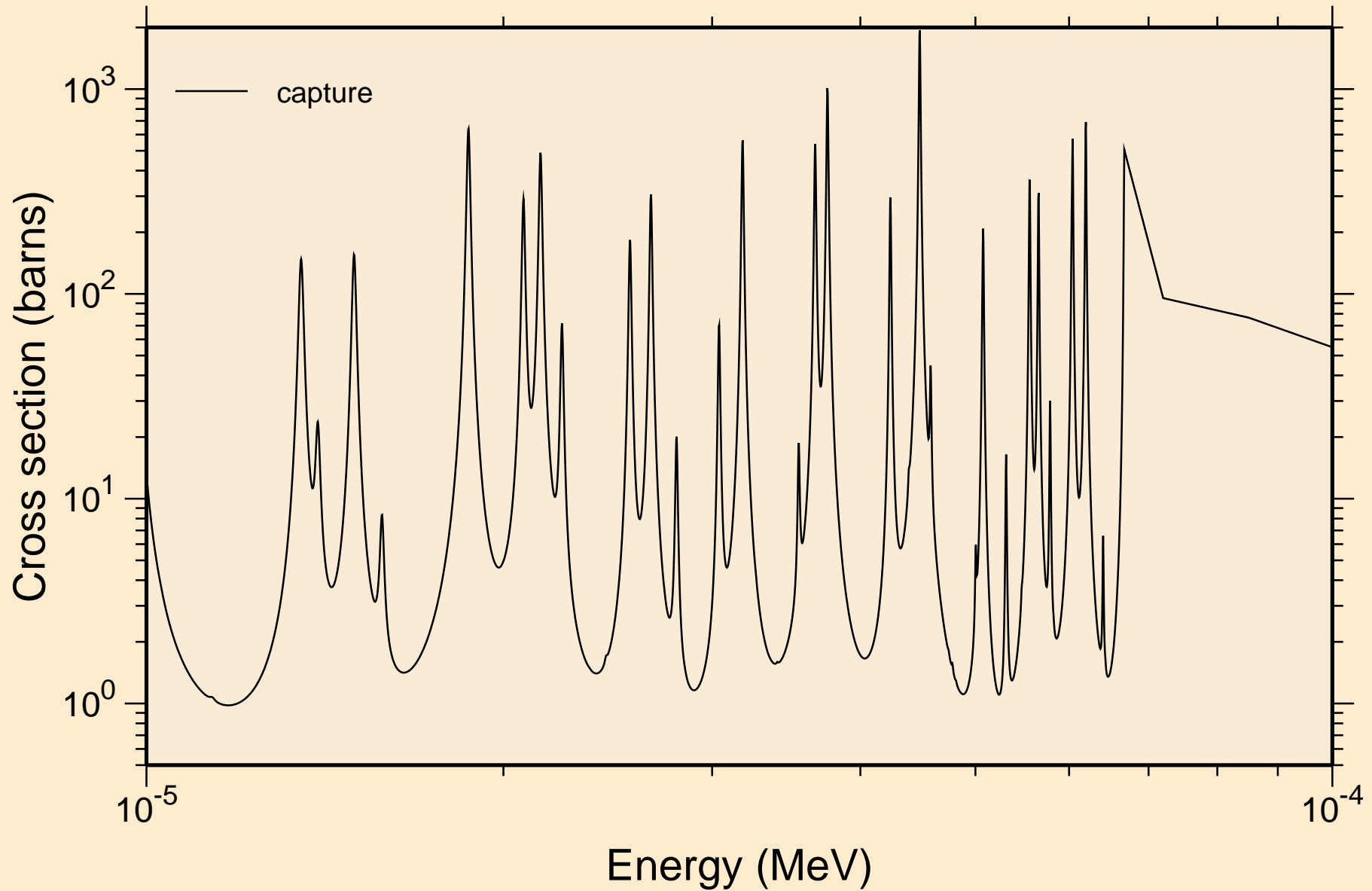
B̄A127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



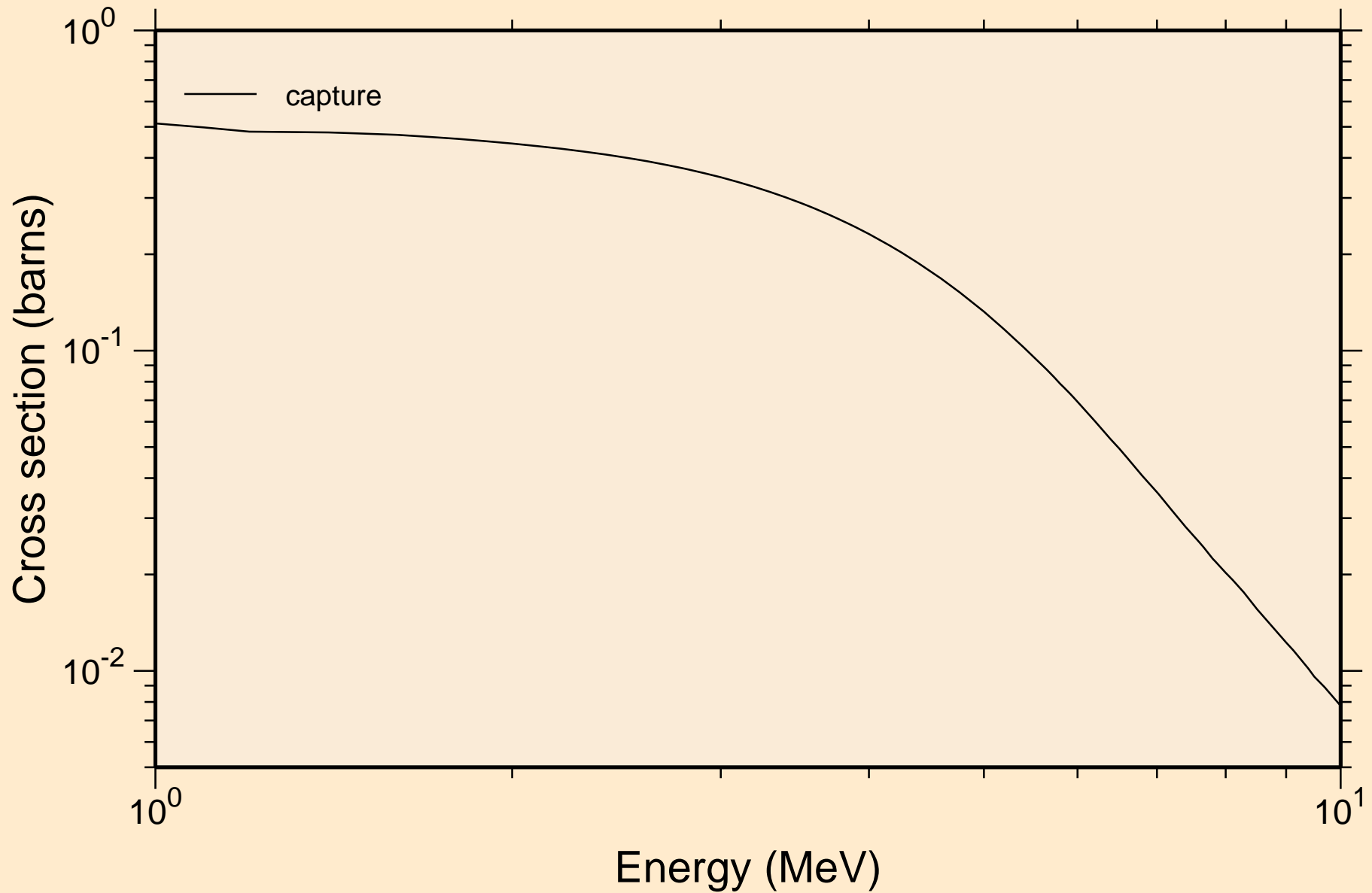
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



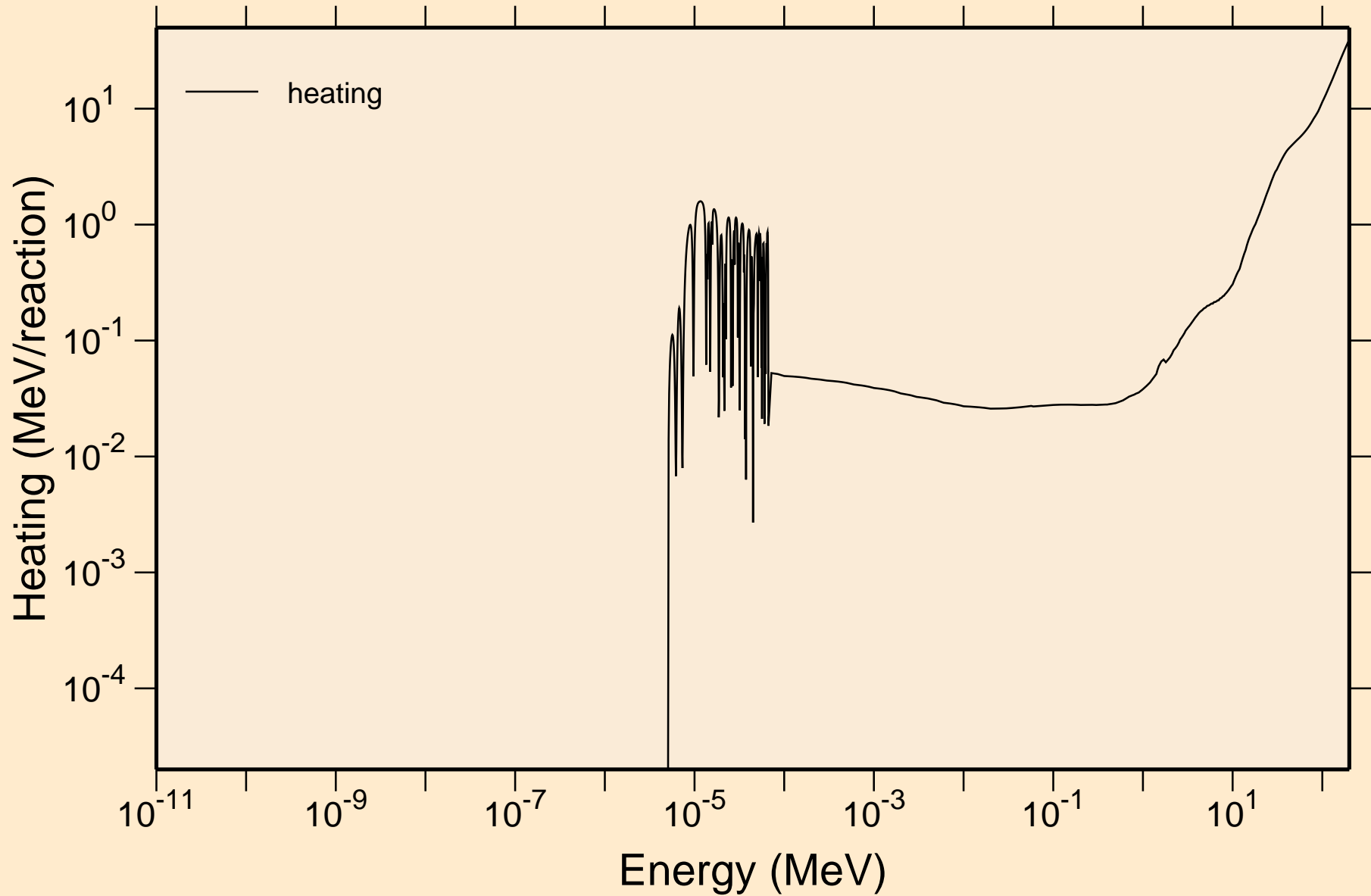
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

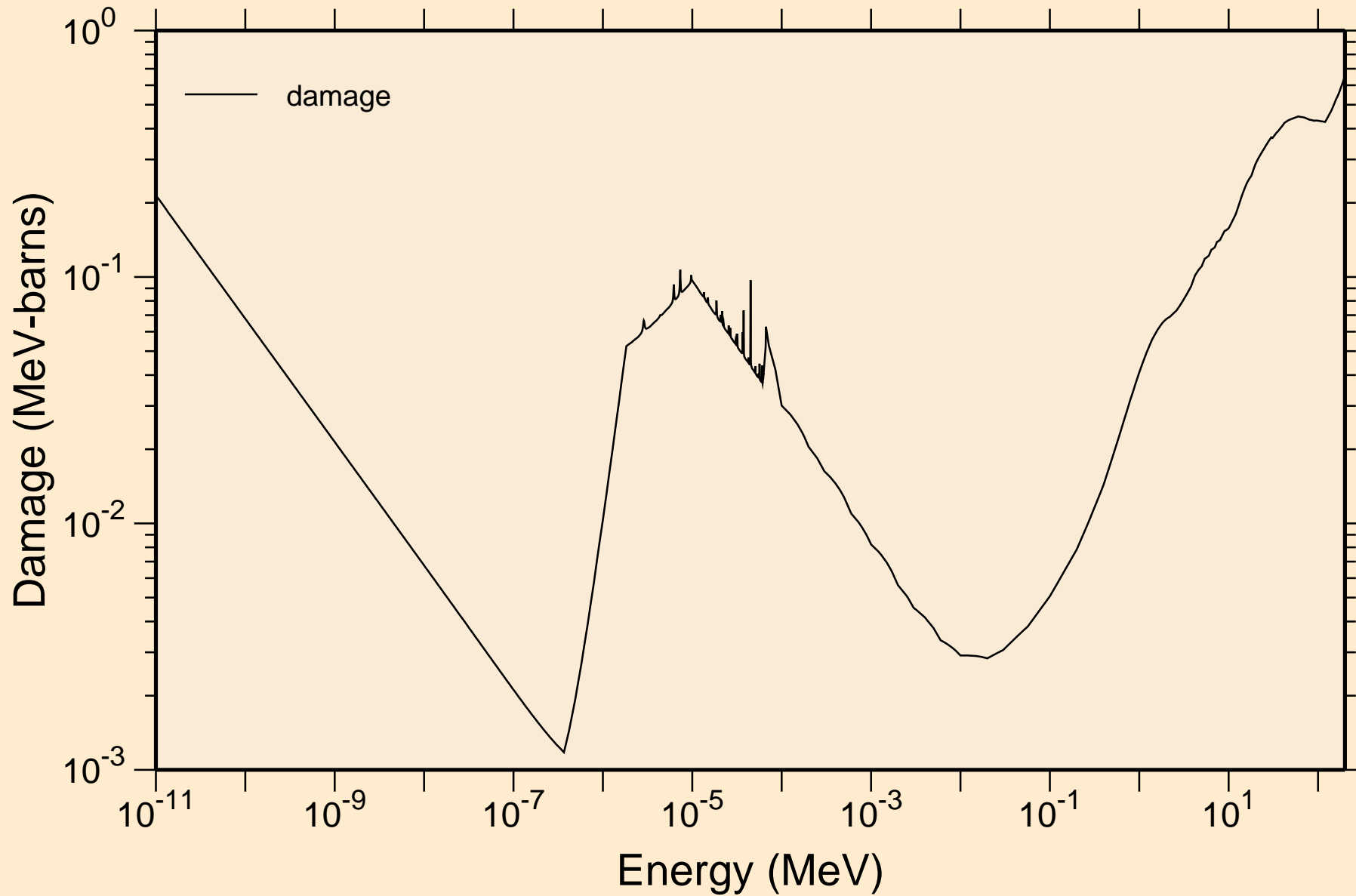


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

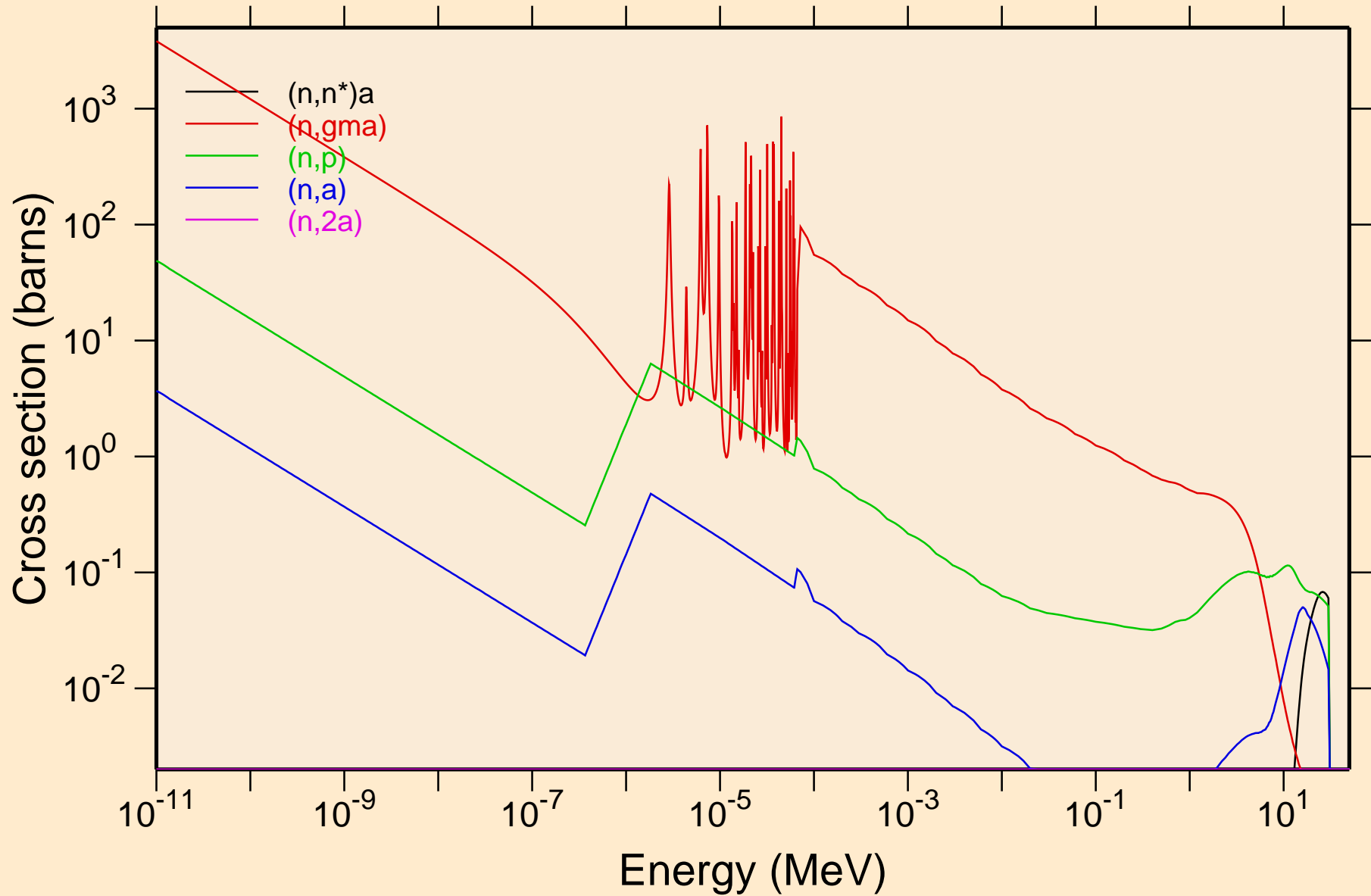




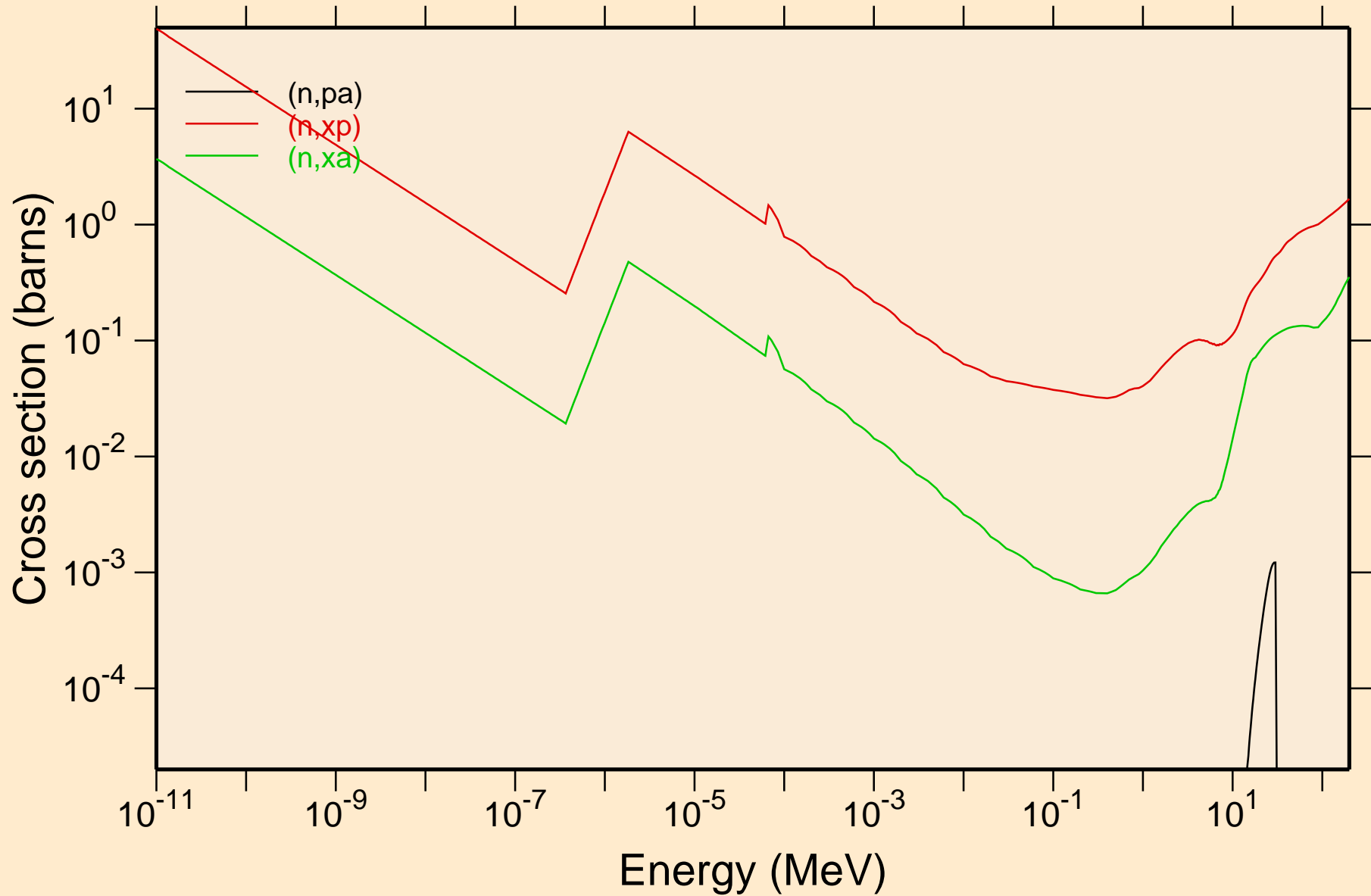
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



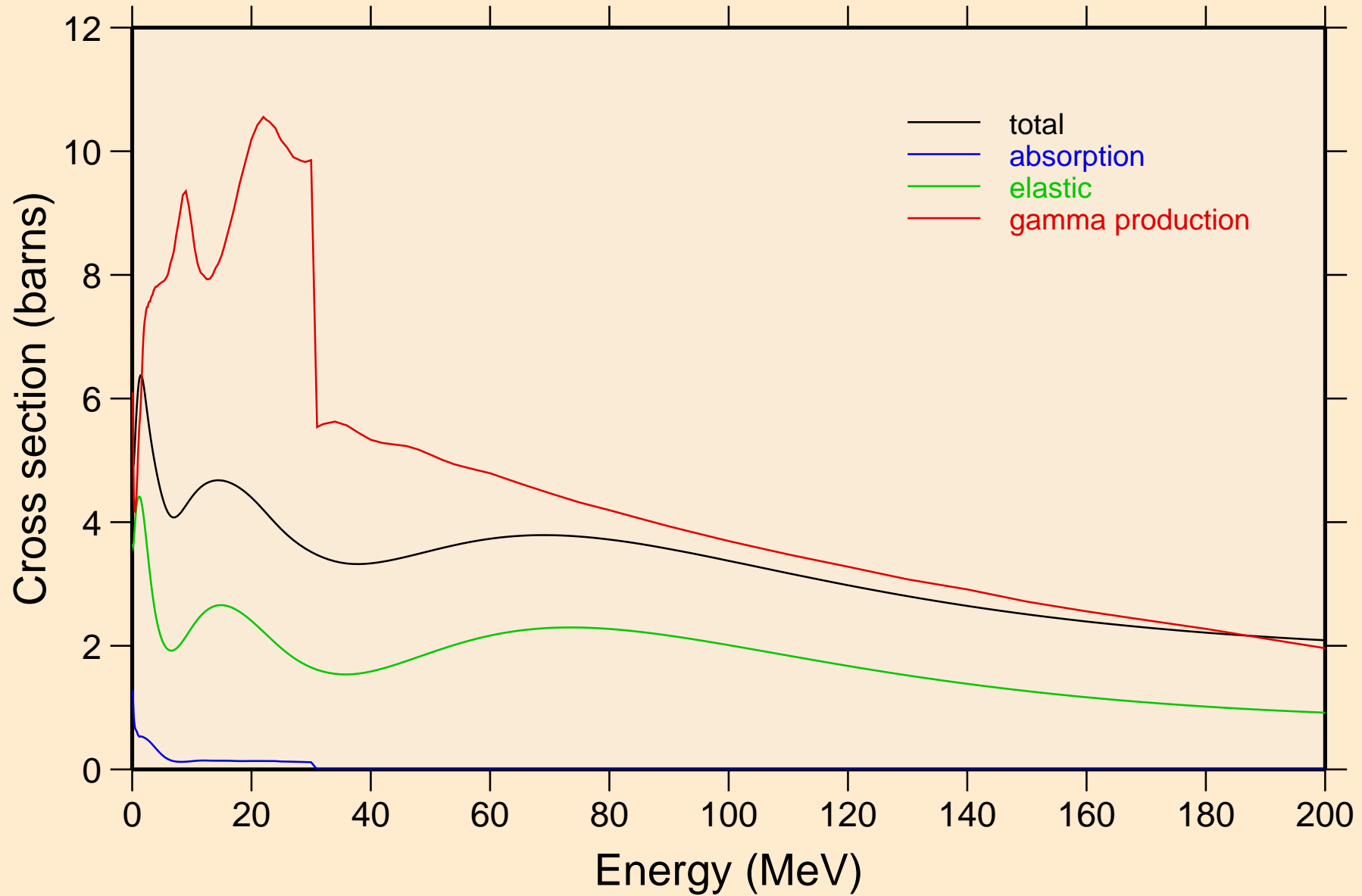
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

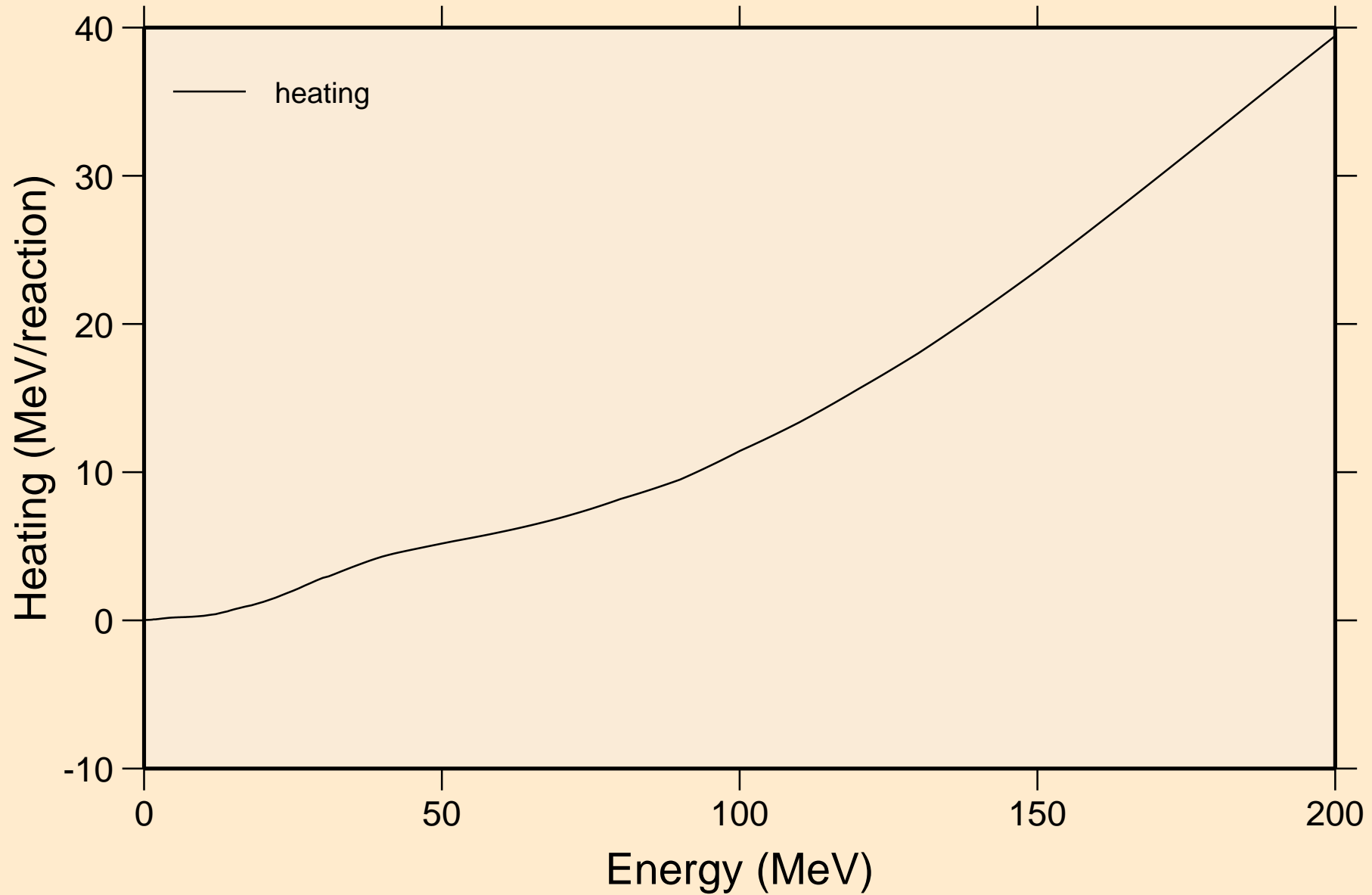


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

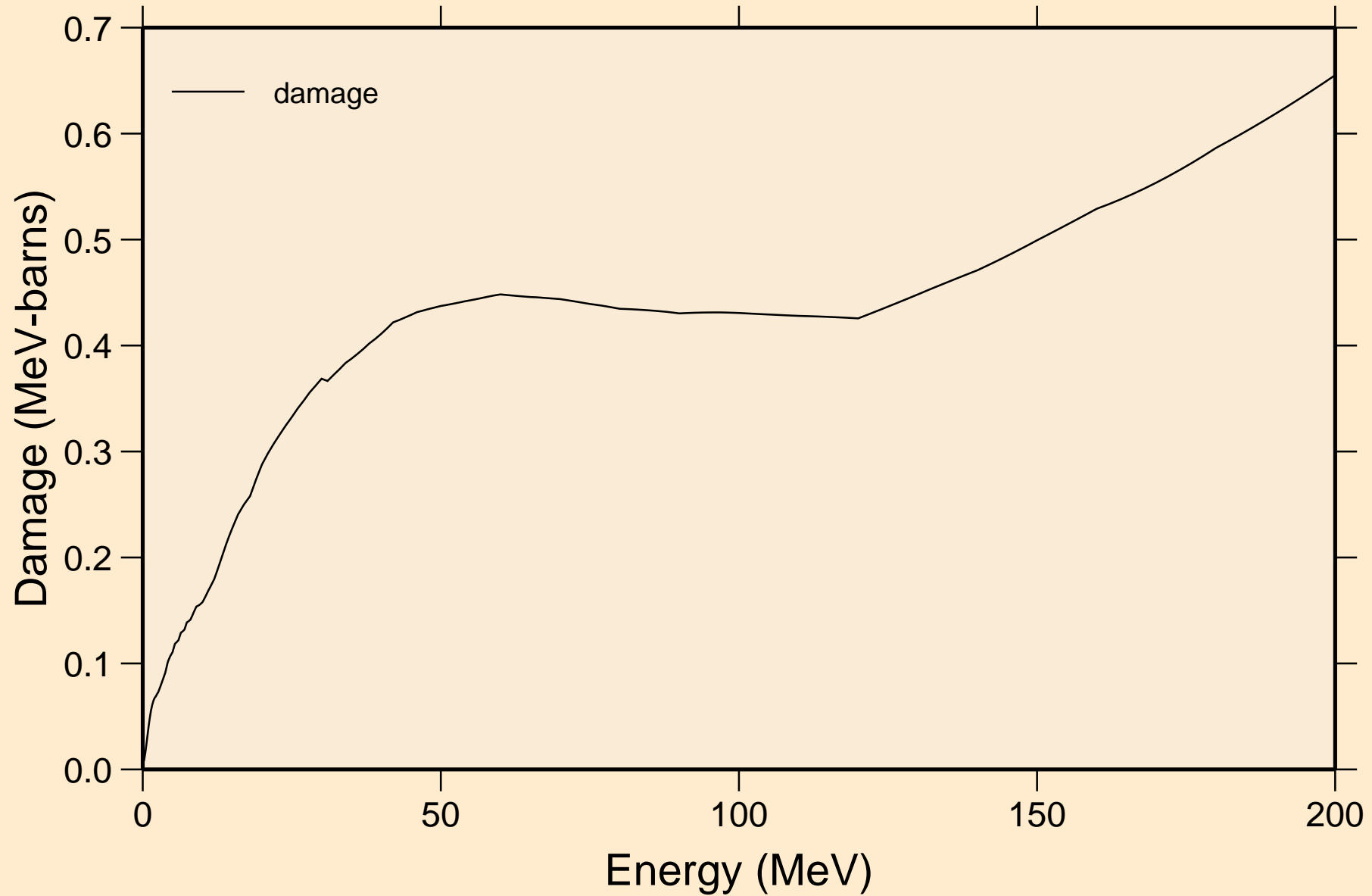


# BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

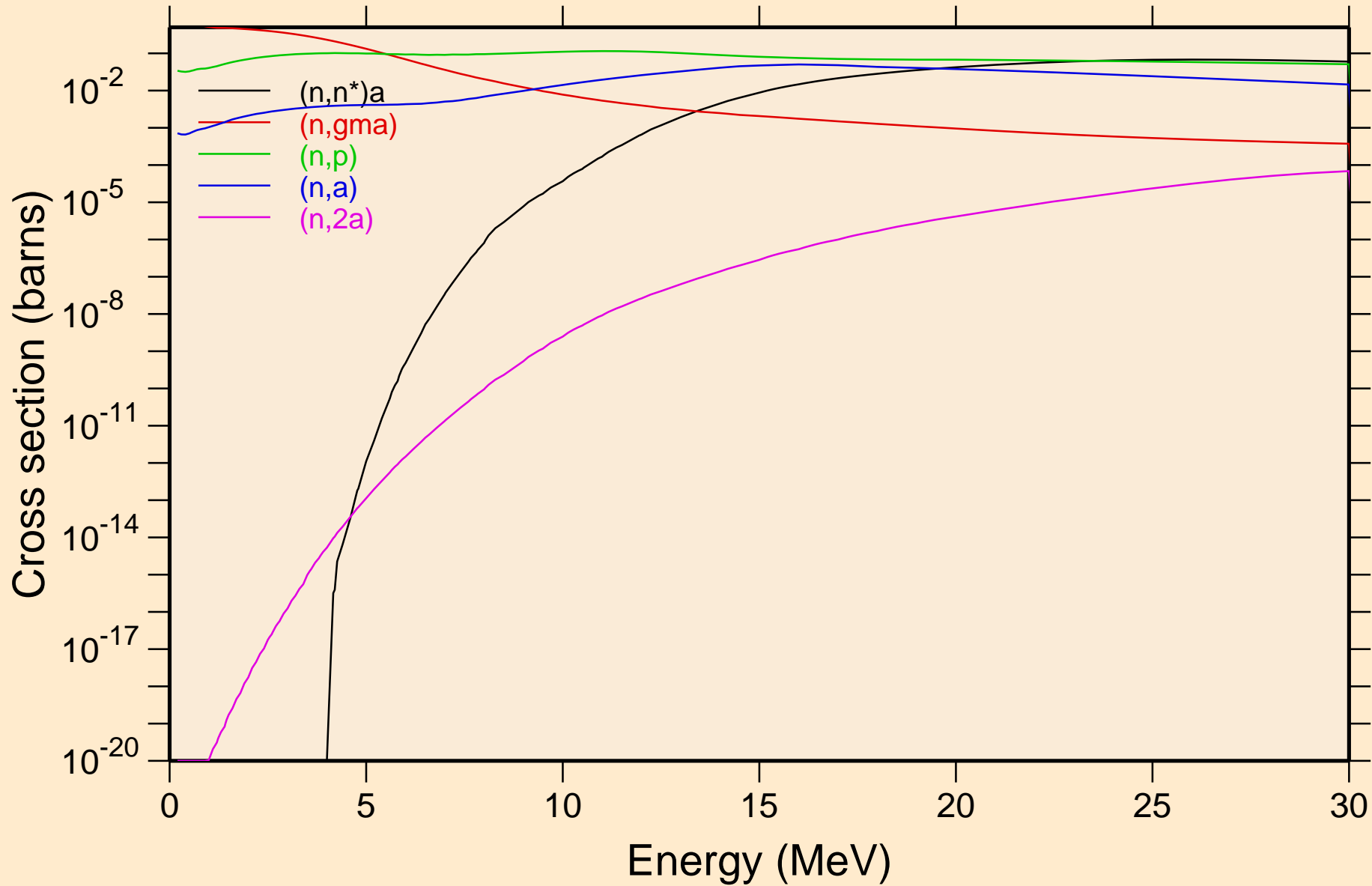
## Heating



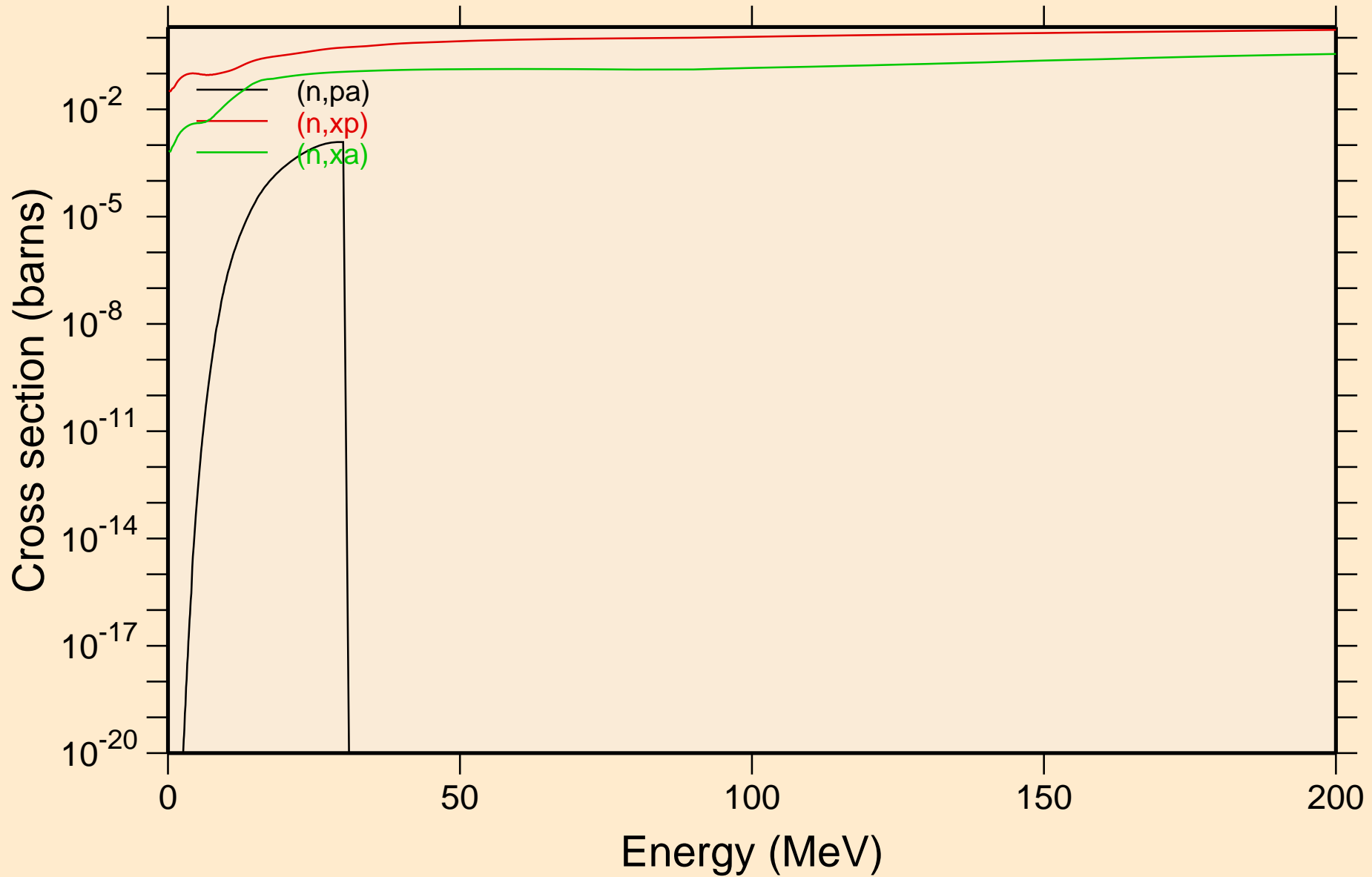
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

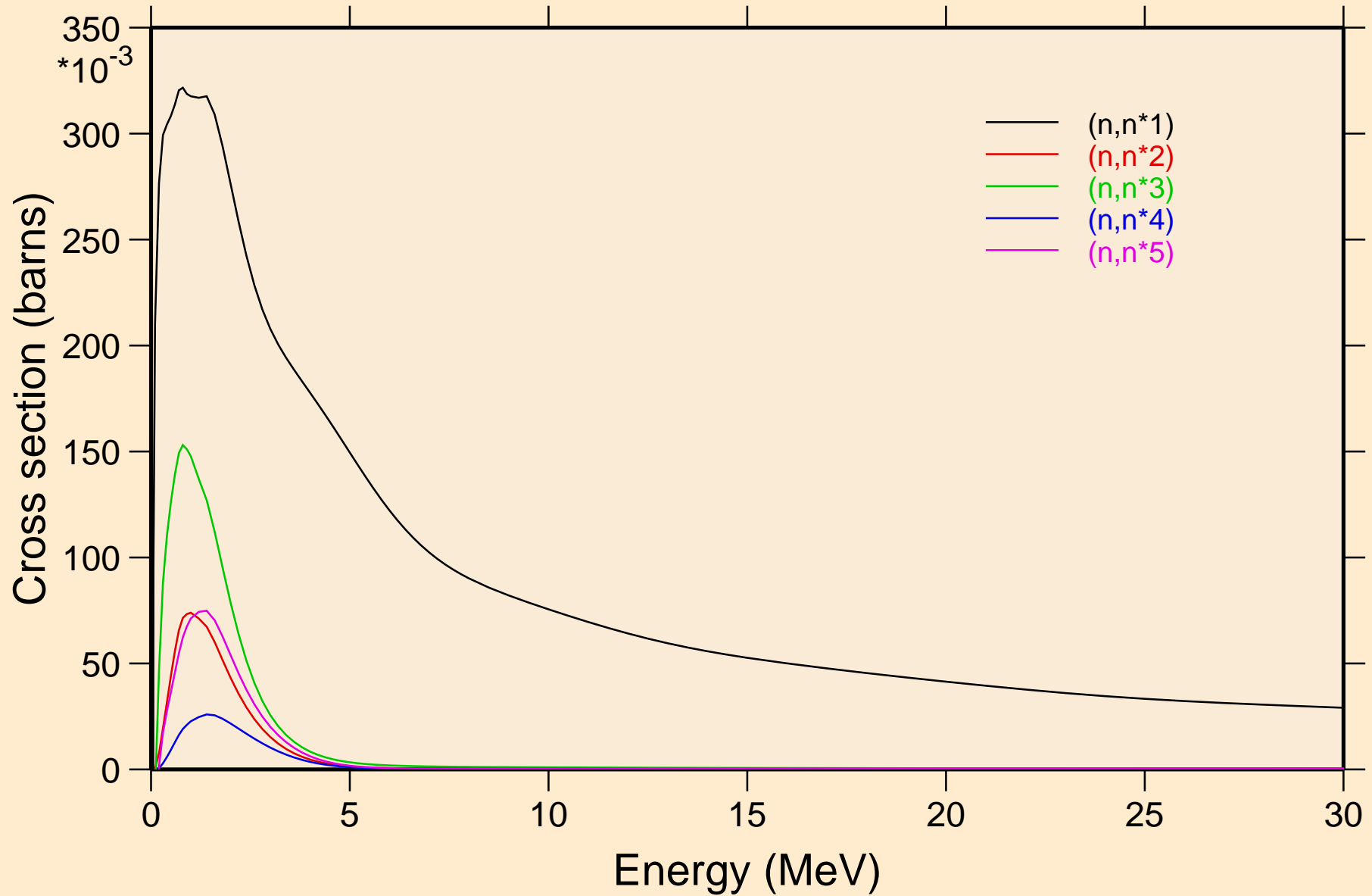


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

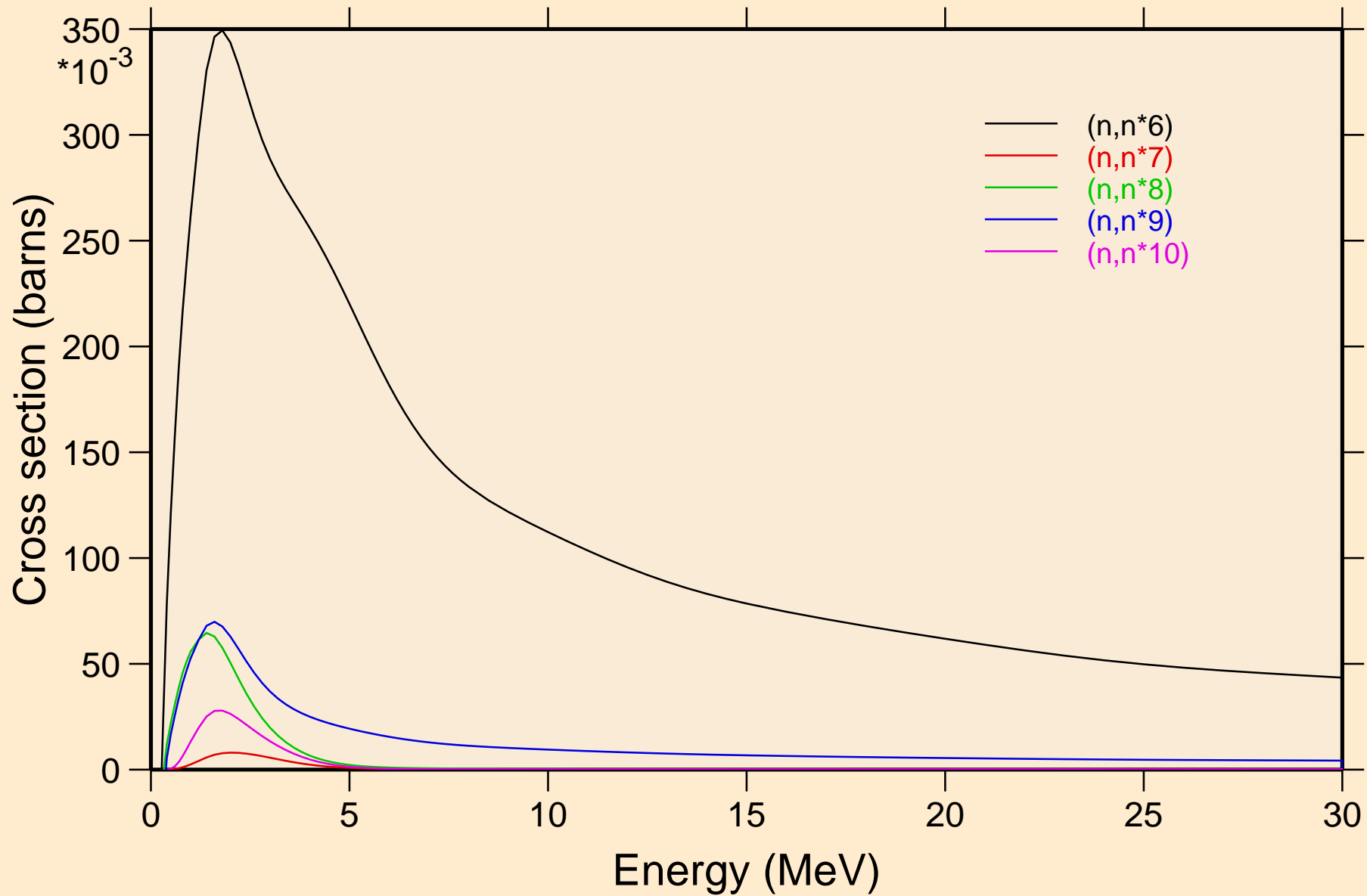




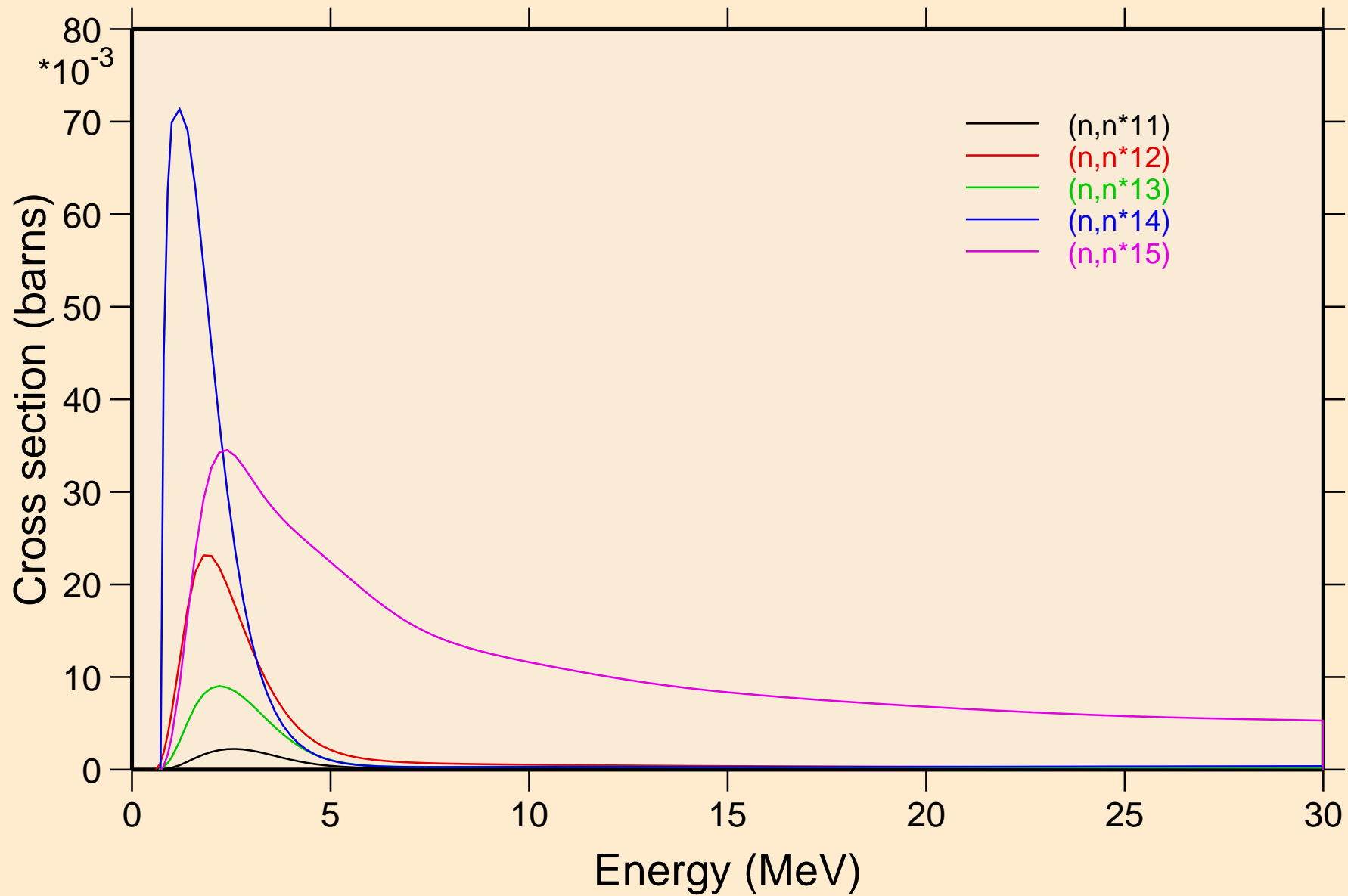
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



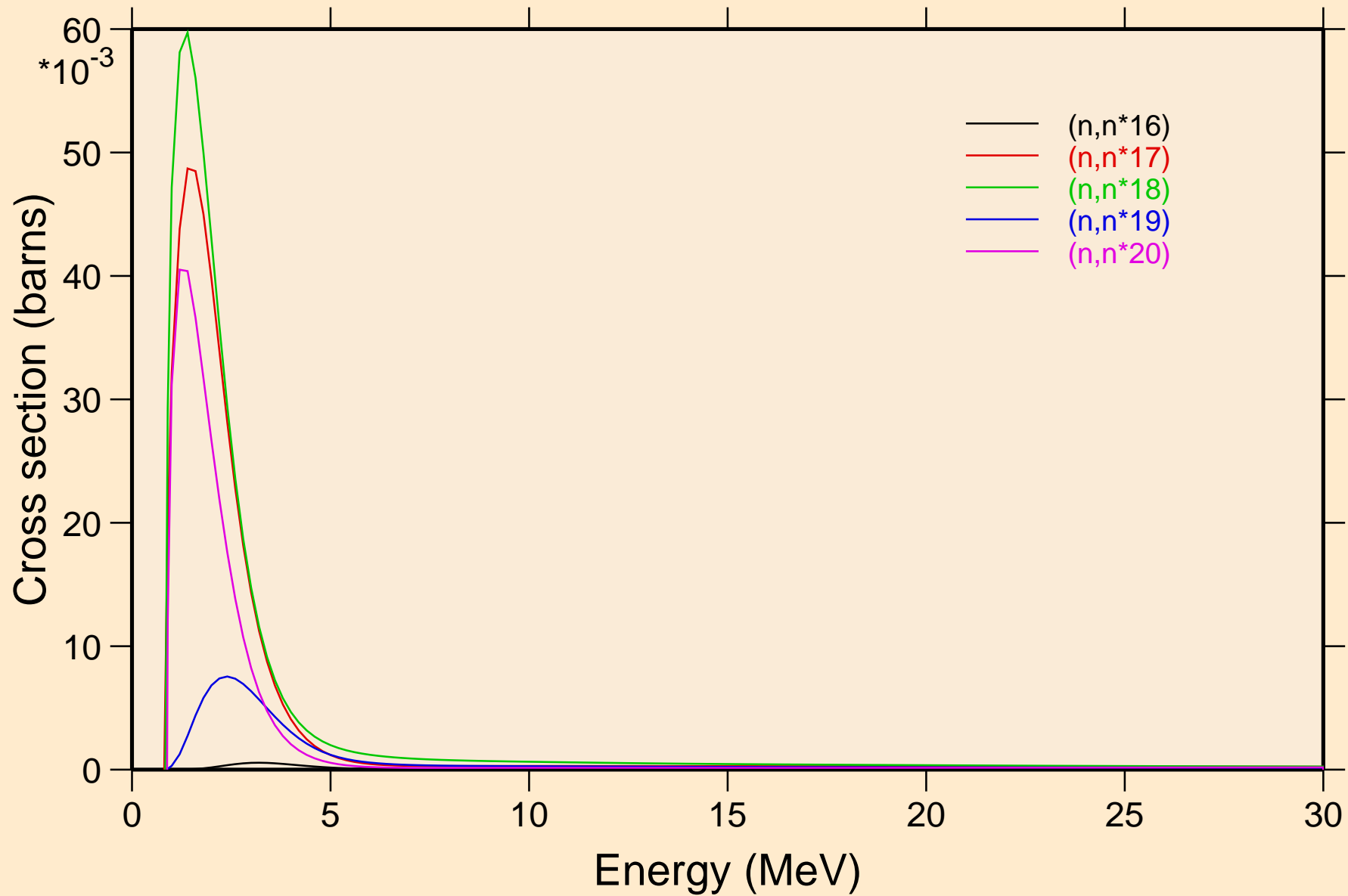
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



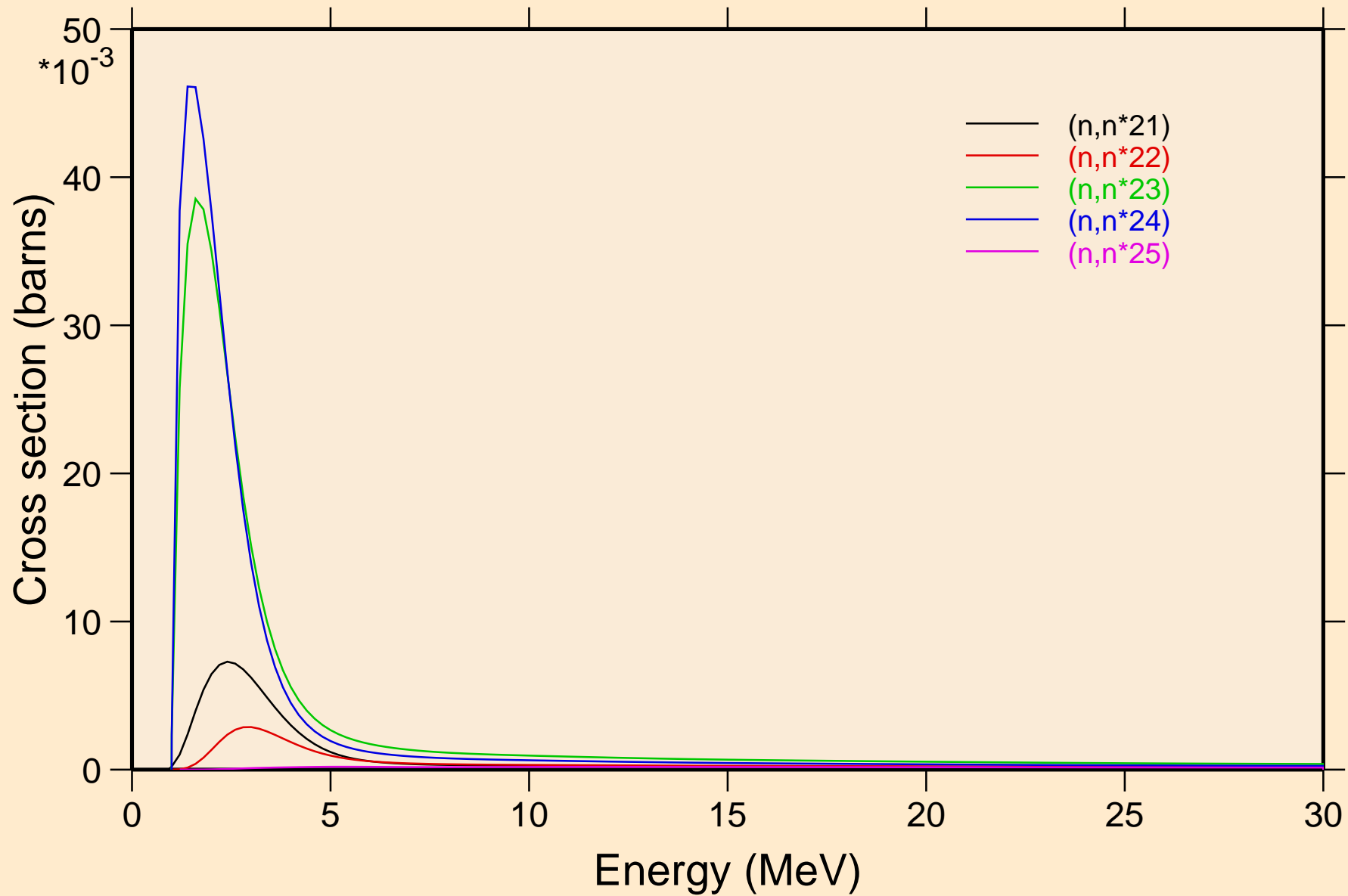
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



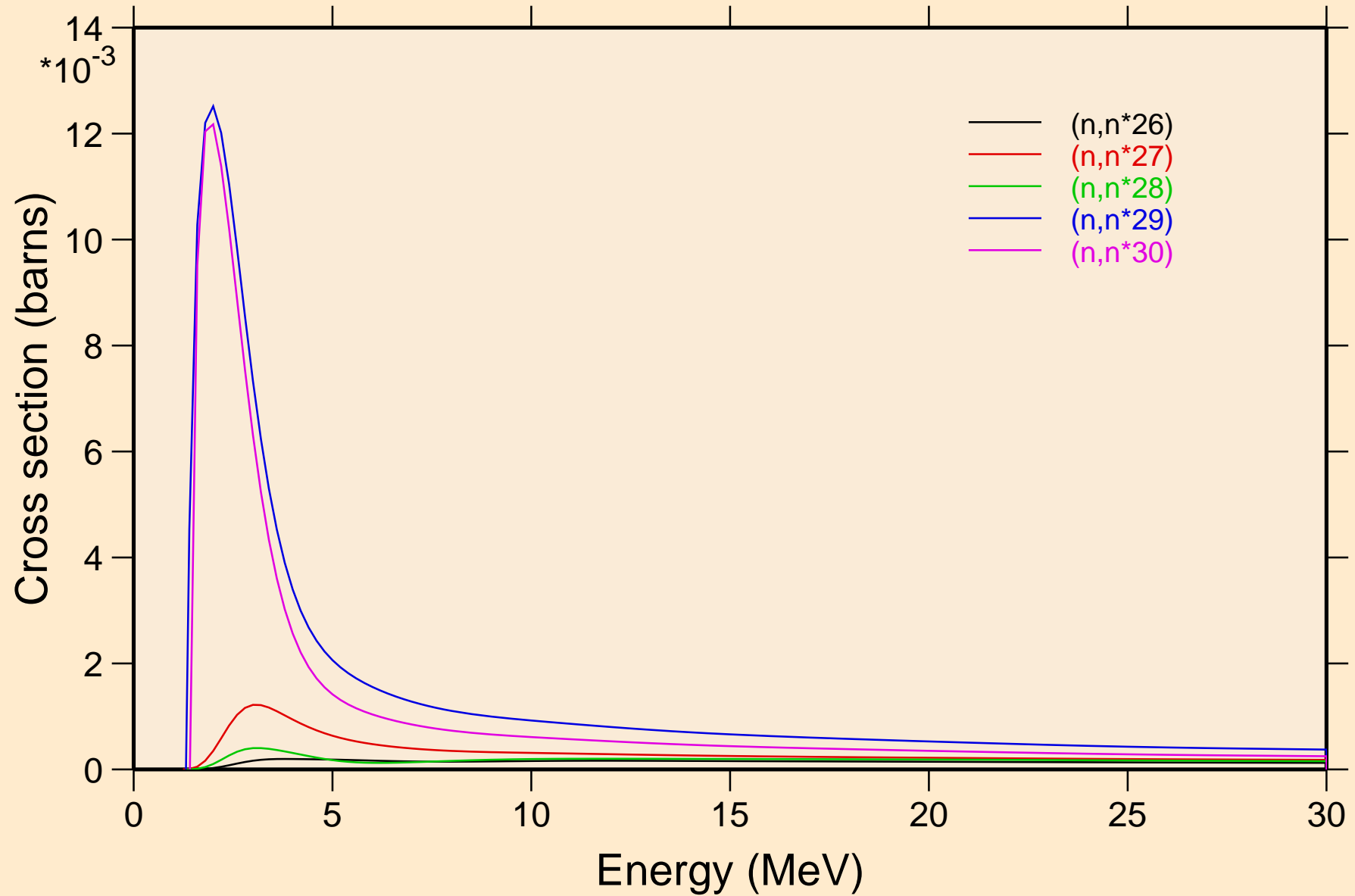
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

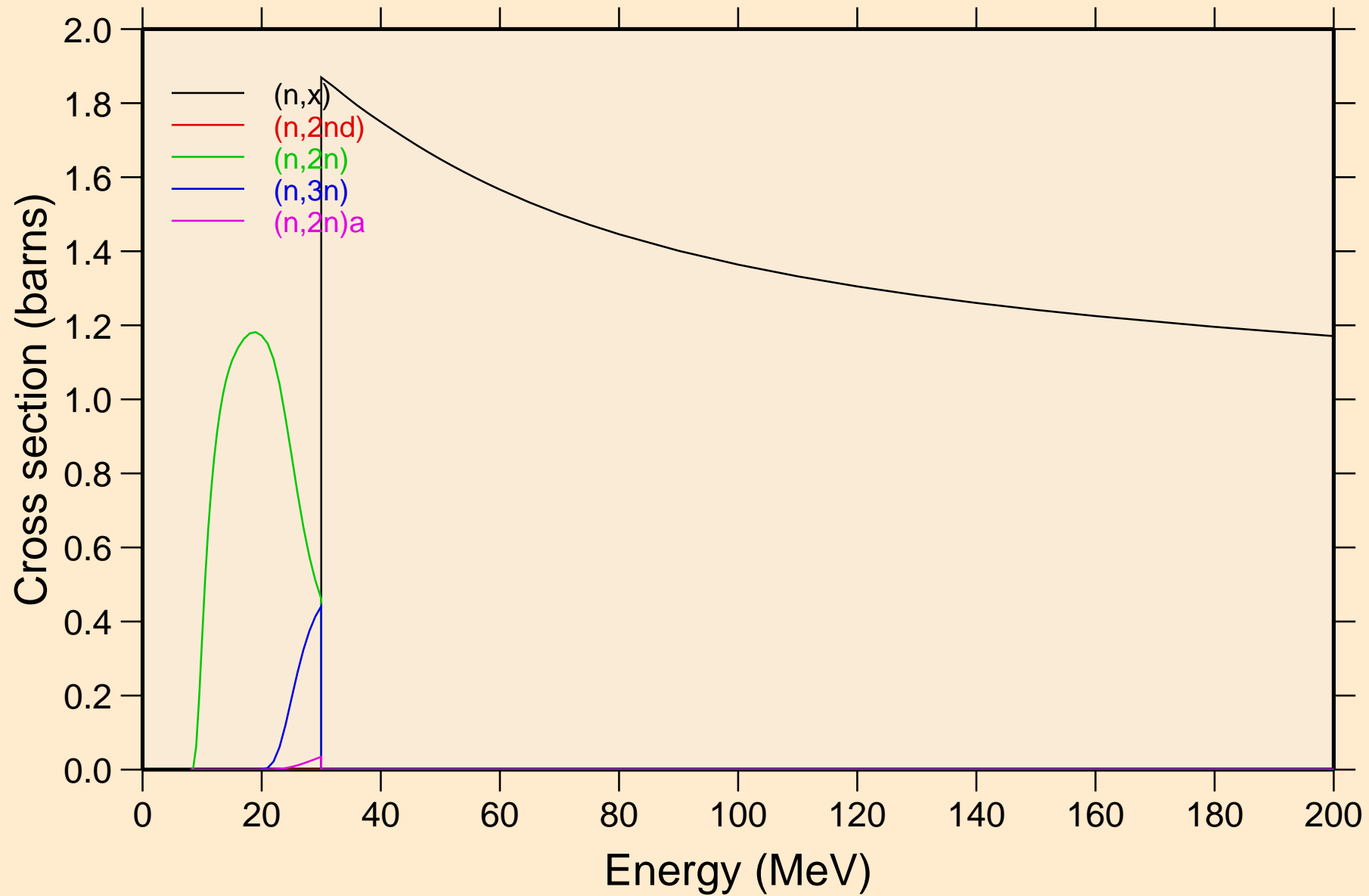


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

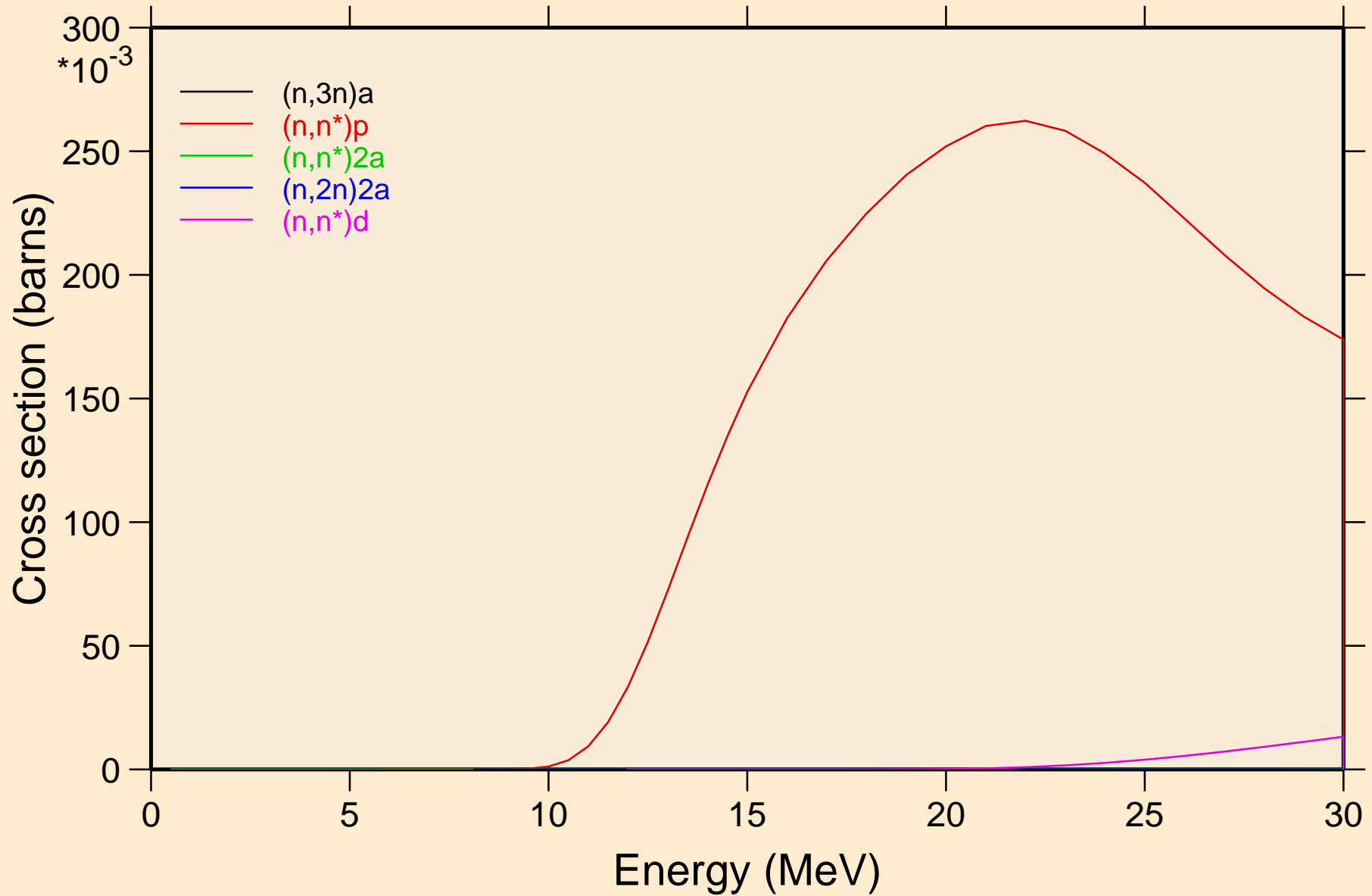


# BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

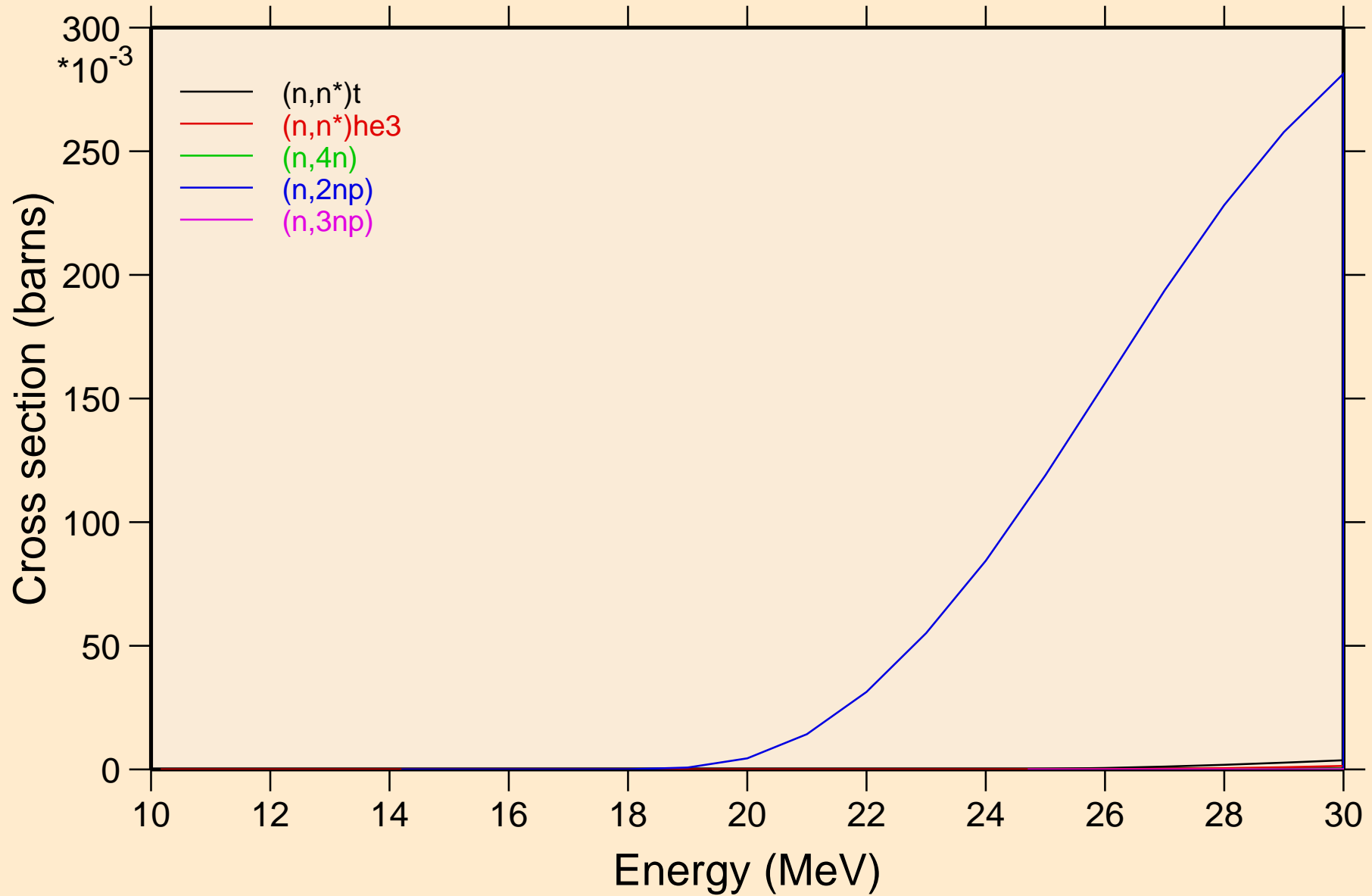


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

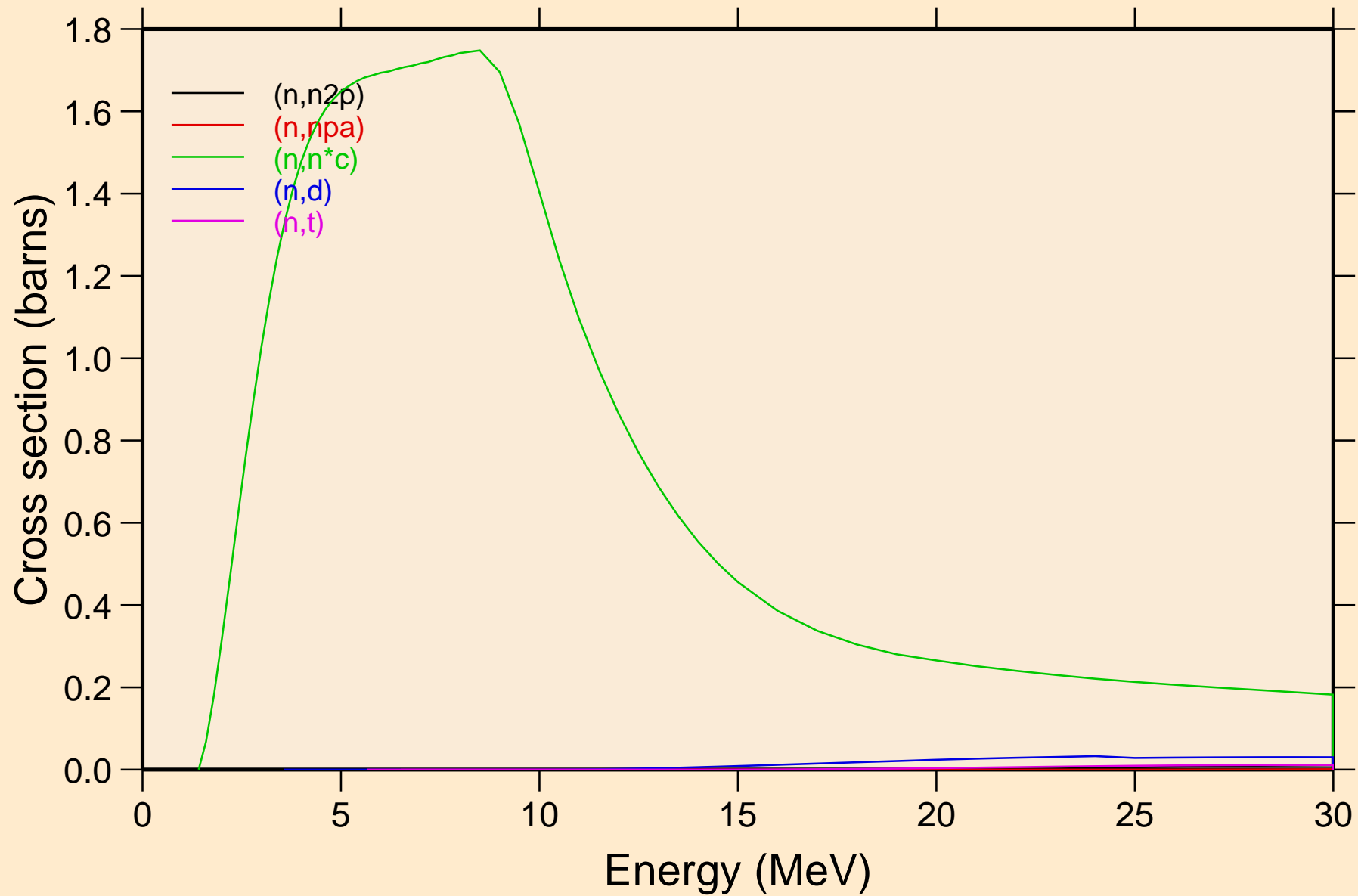




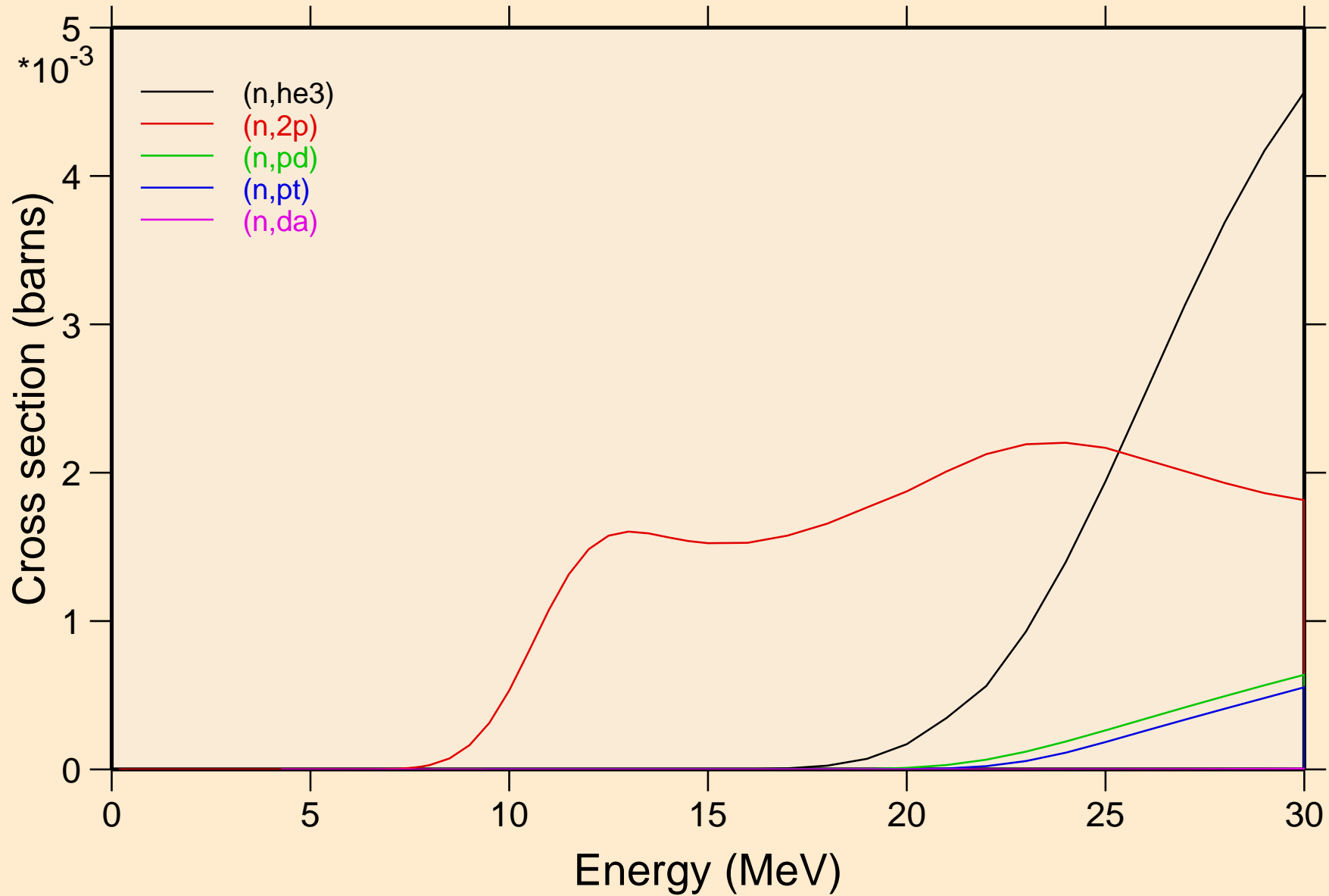
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



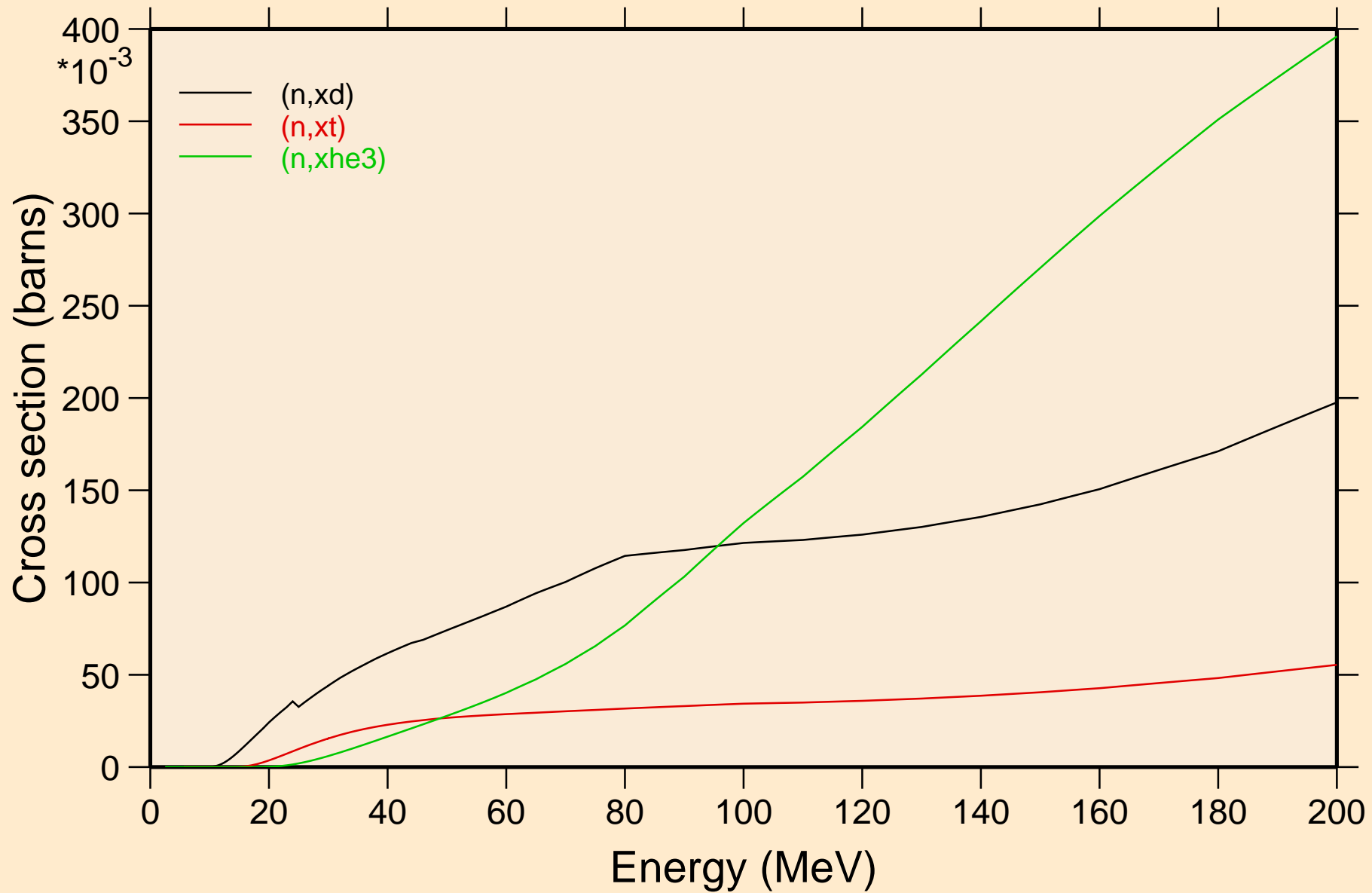
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



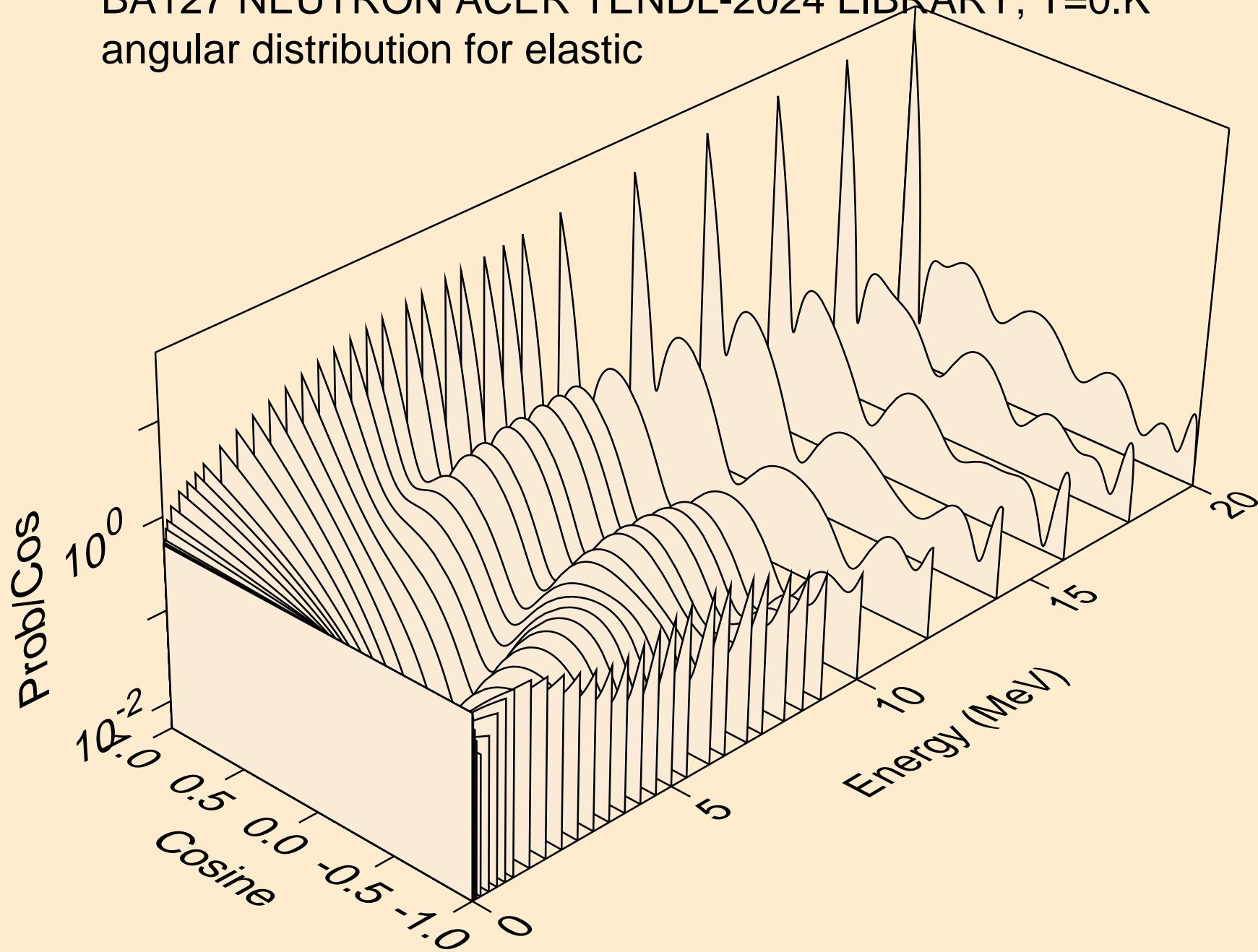
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



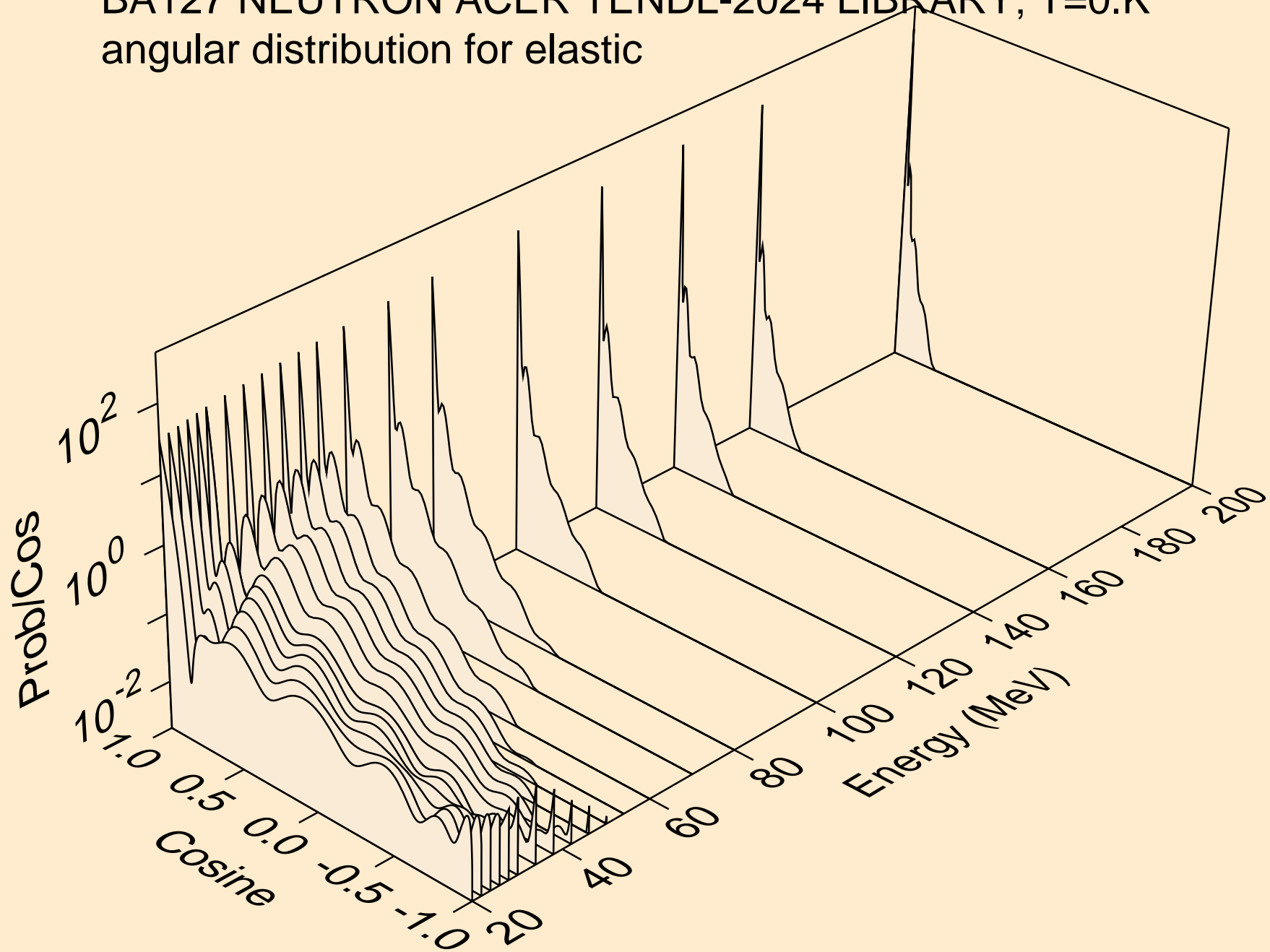
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



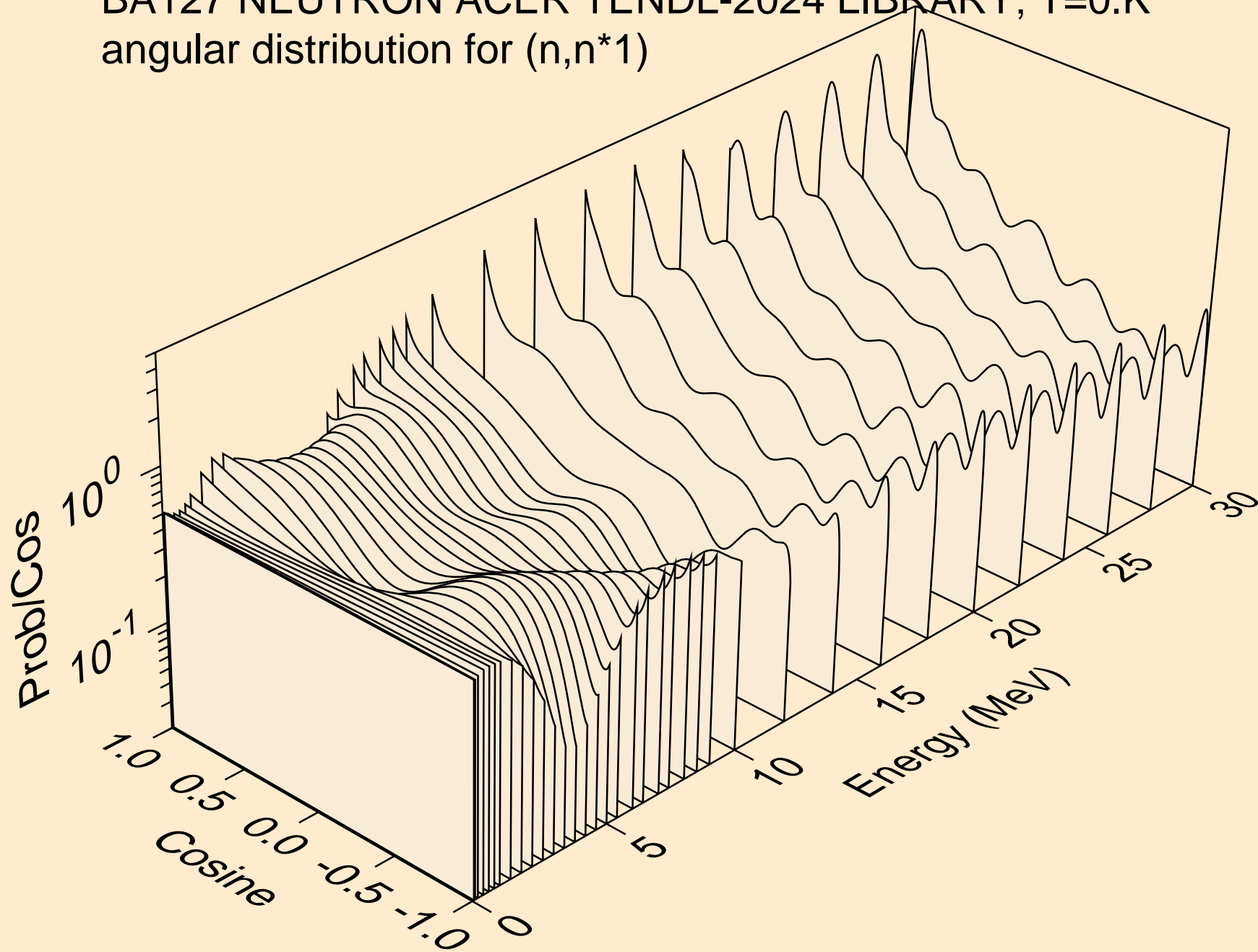
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



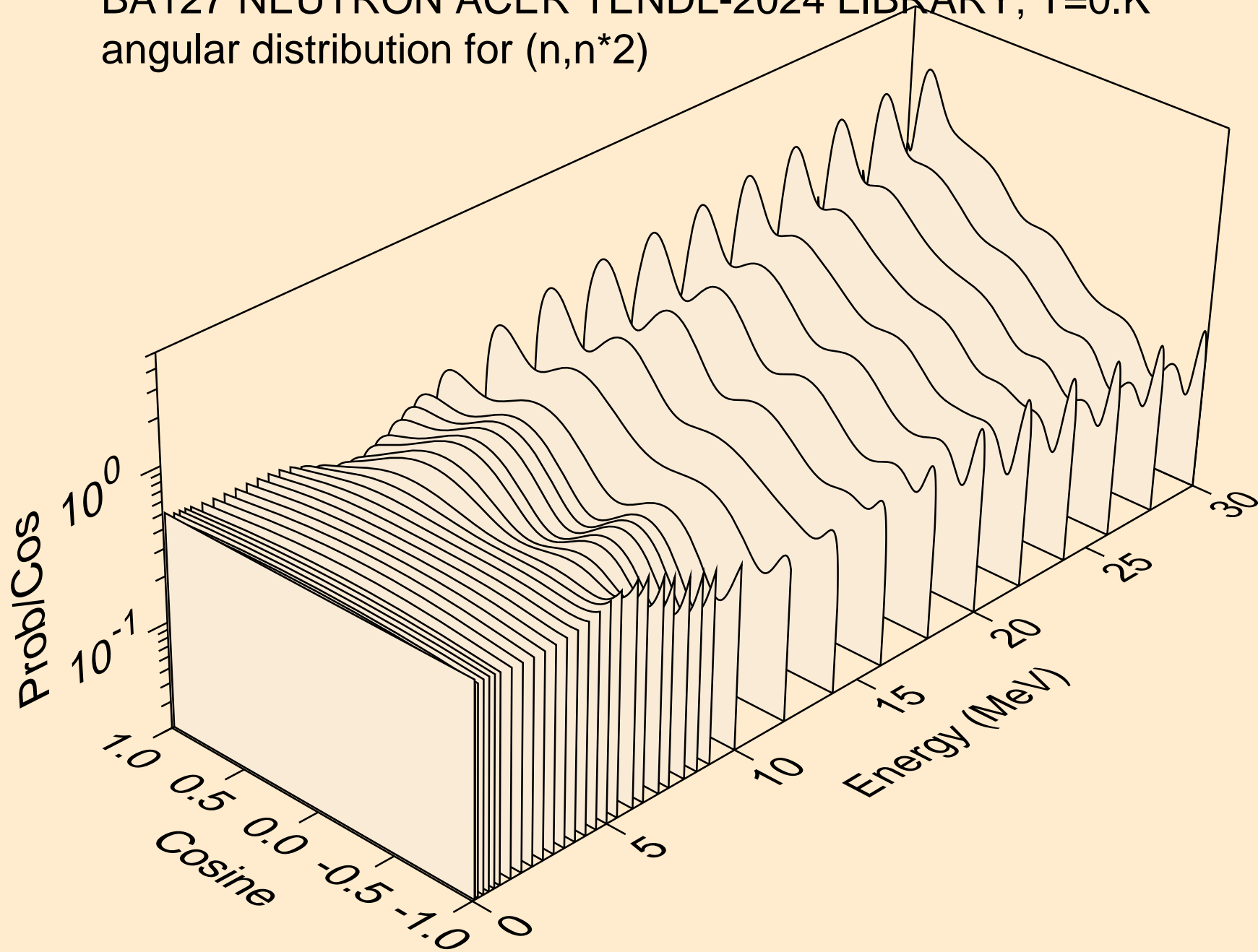
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

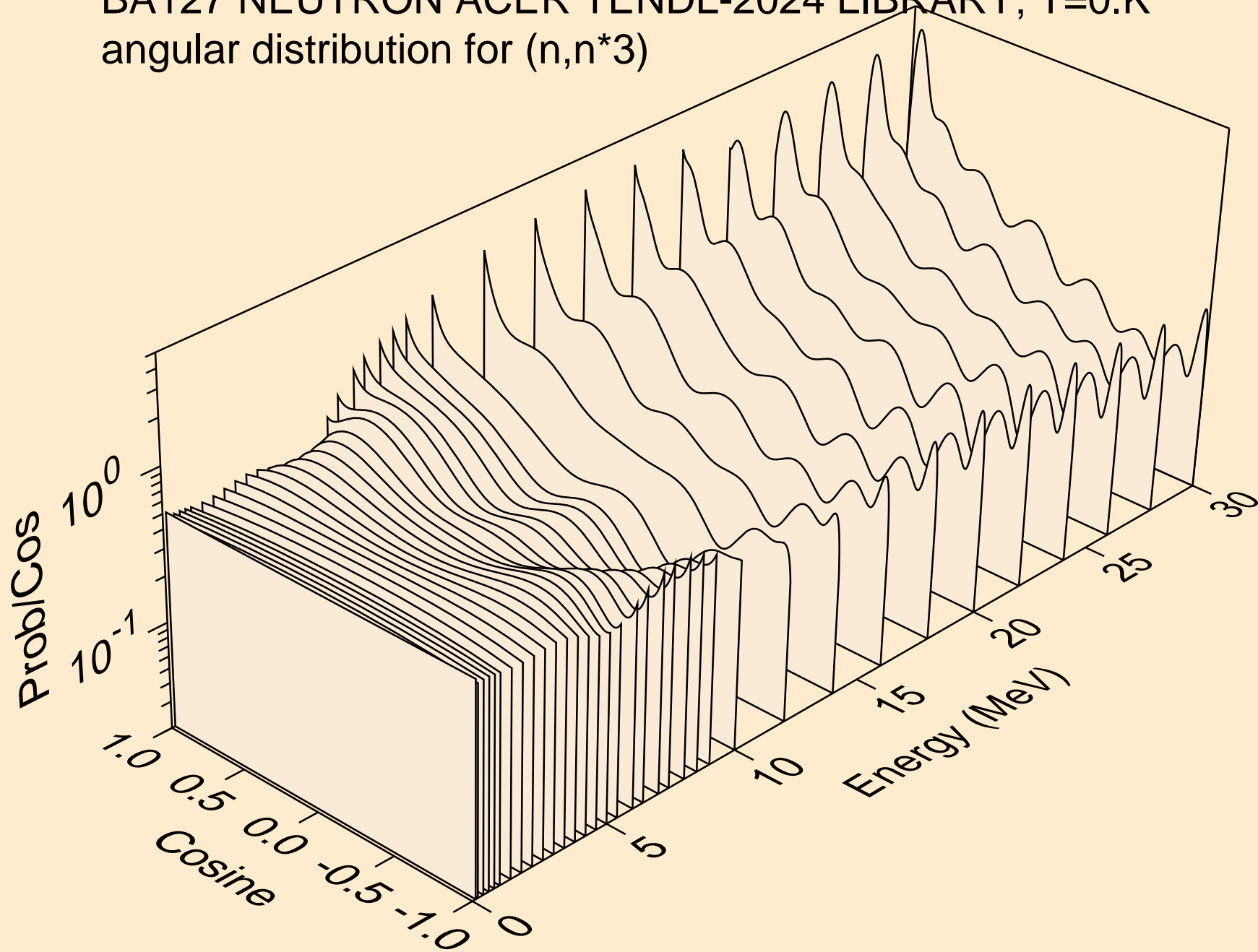


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

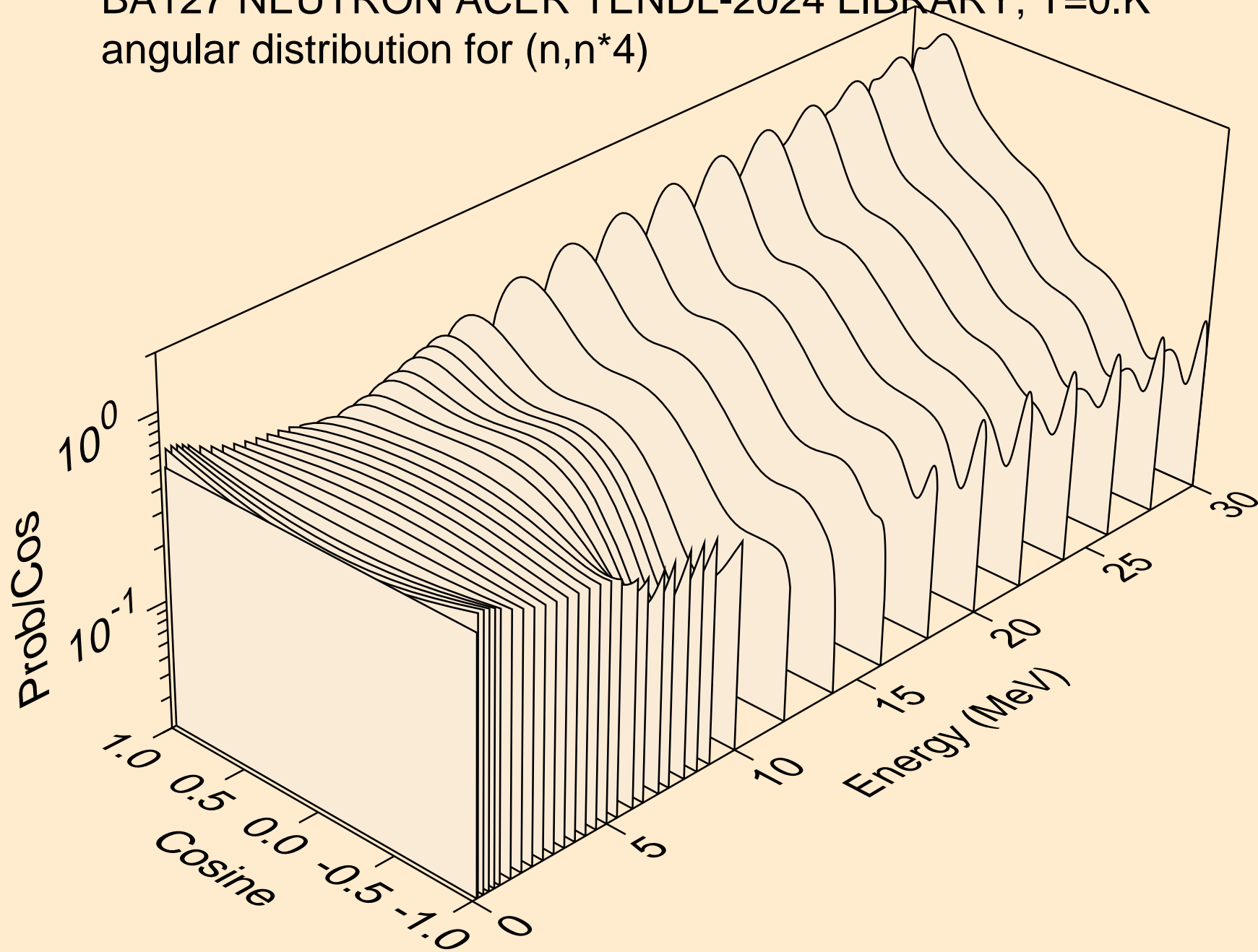




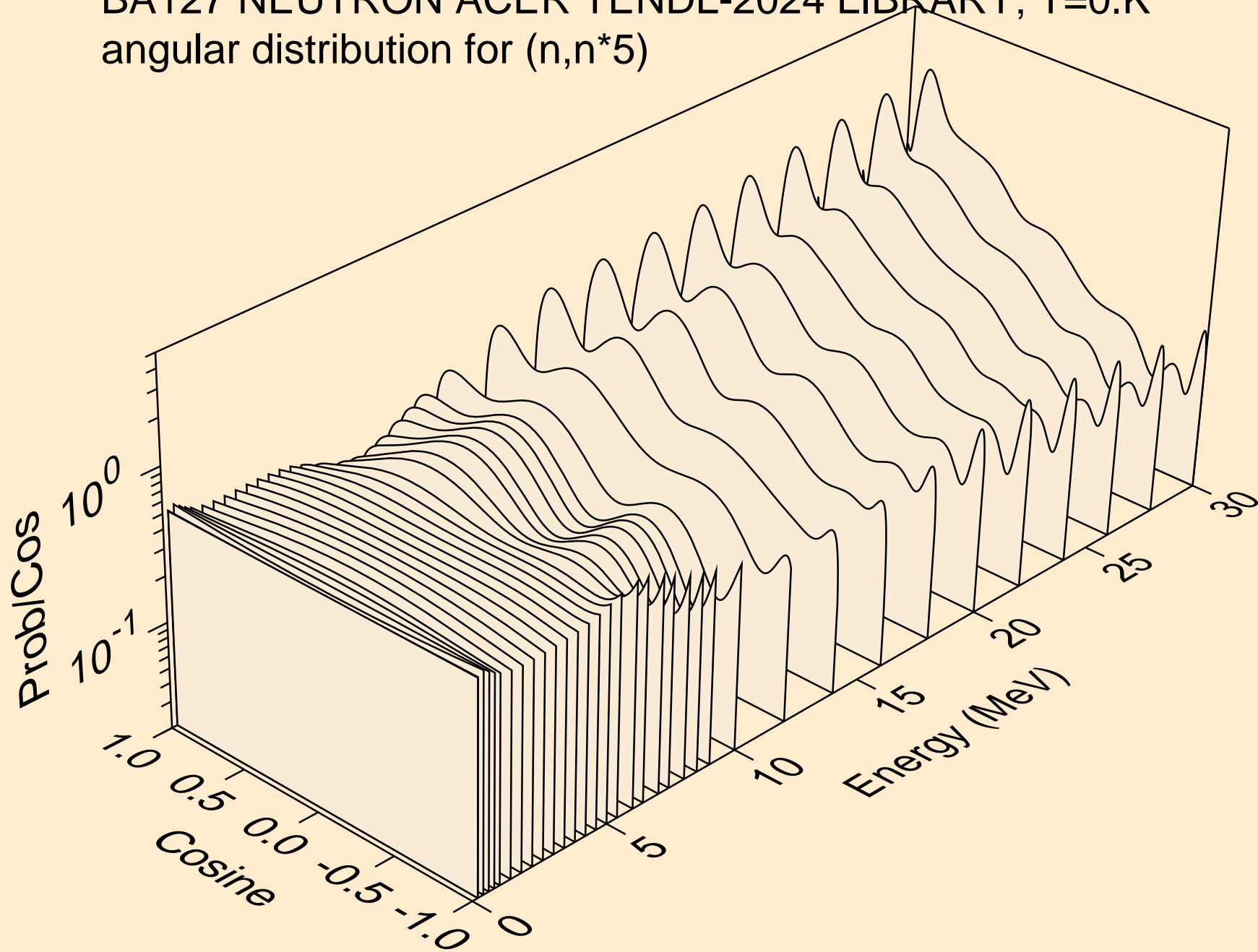
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



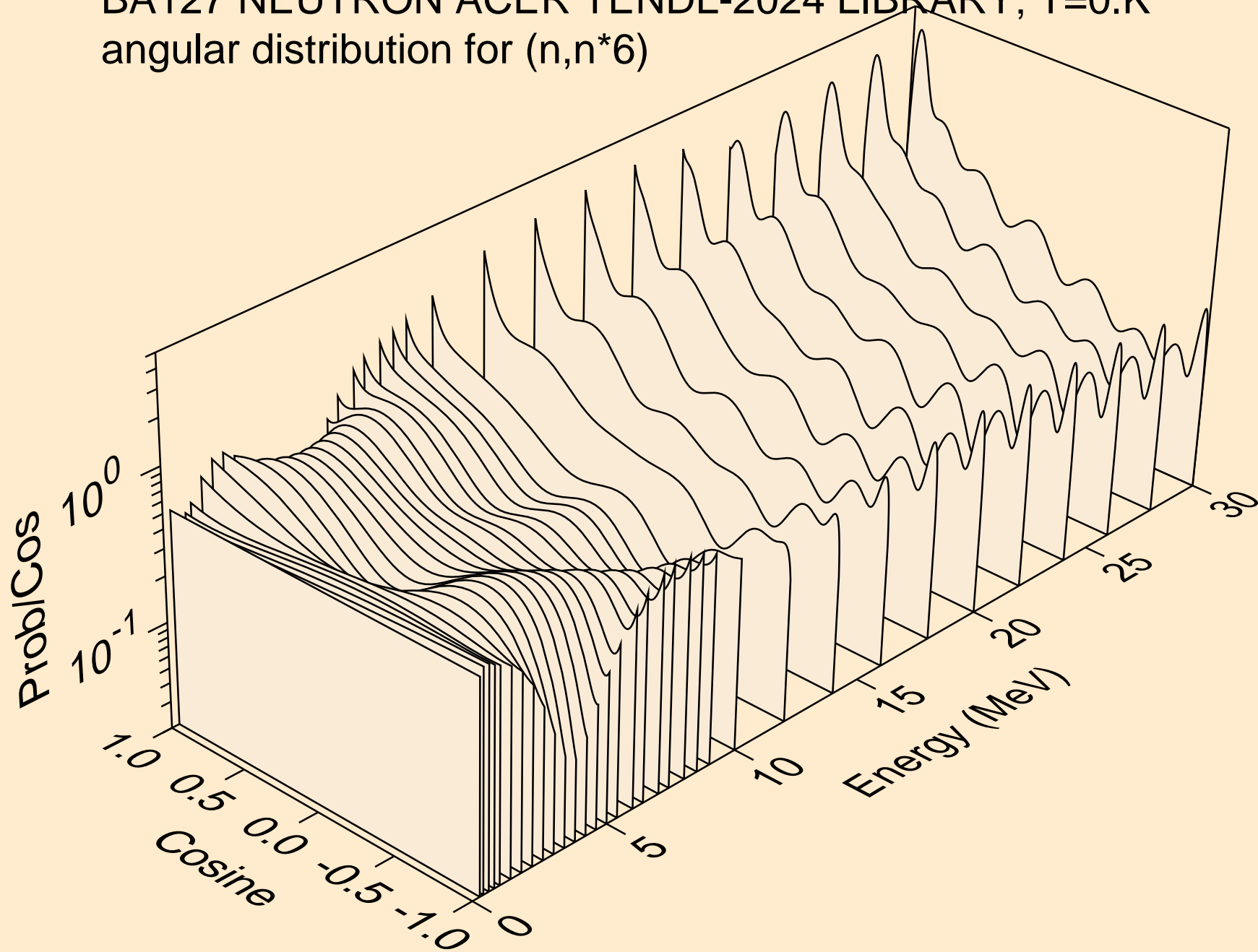
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angular distribution for (n,n\*4)



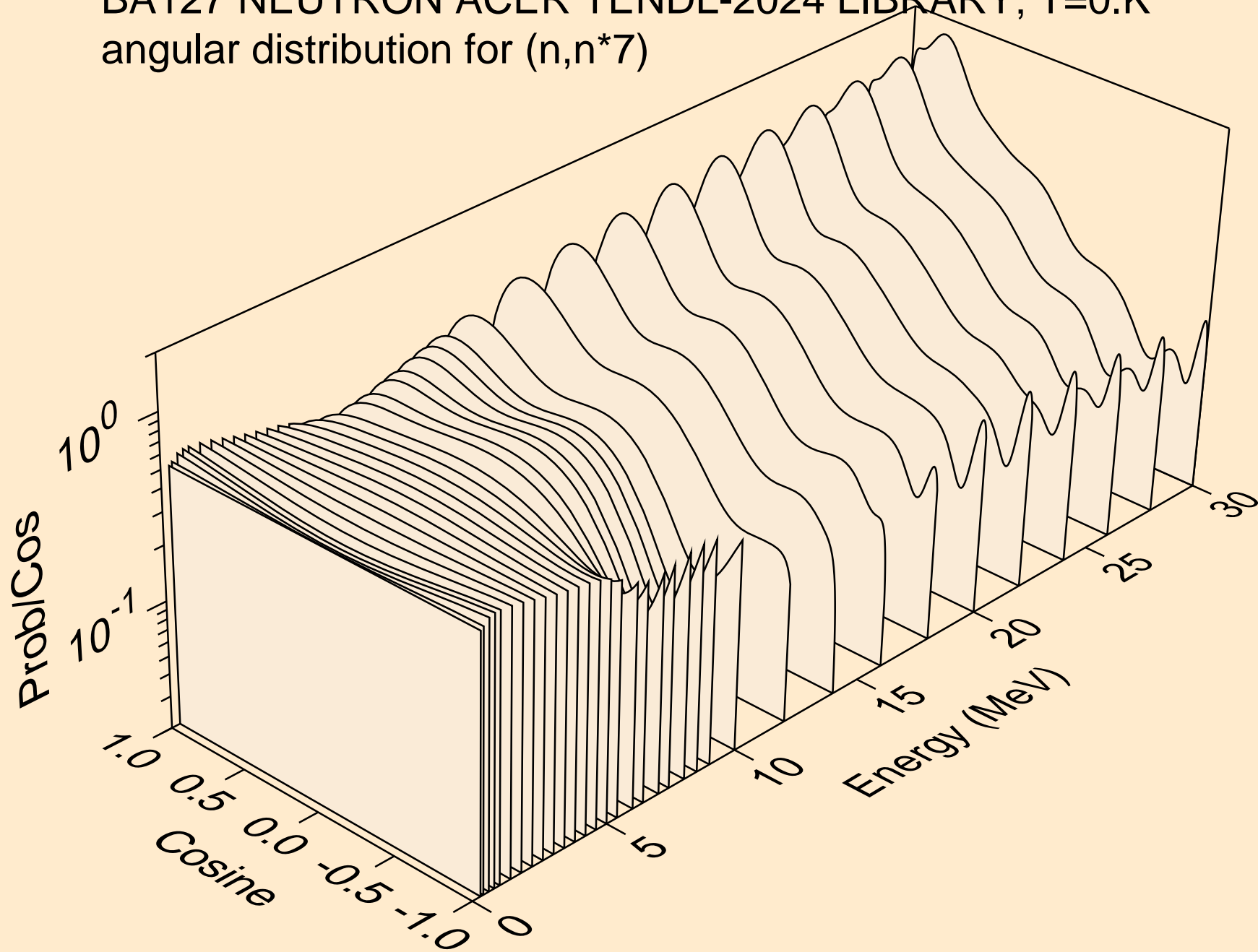
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



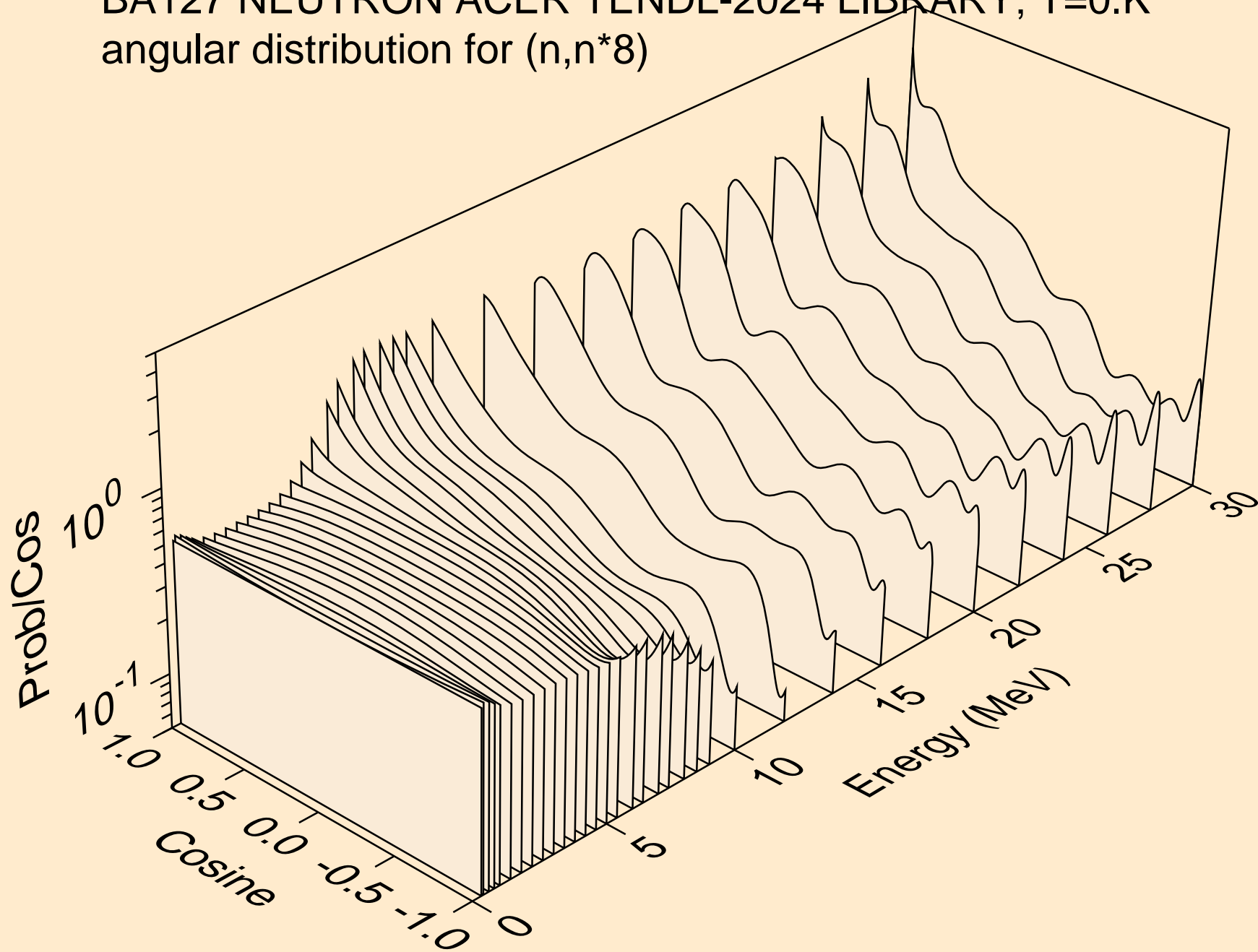
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



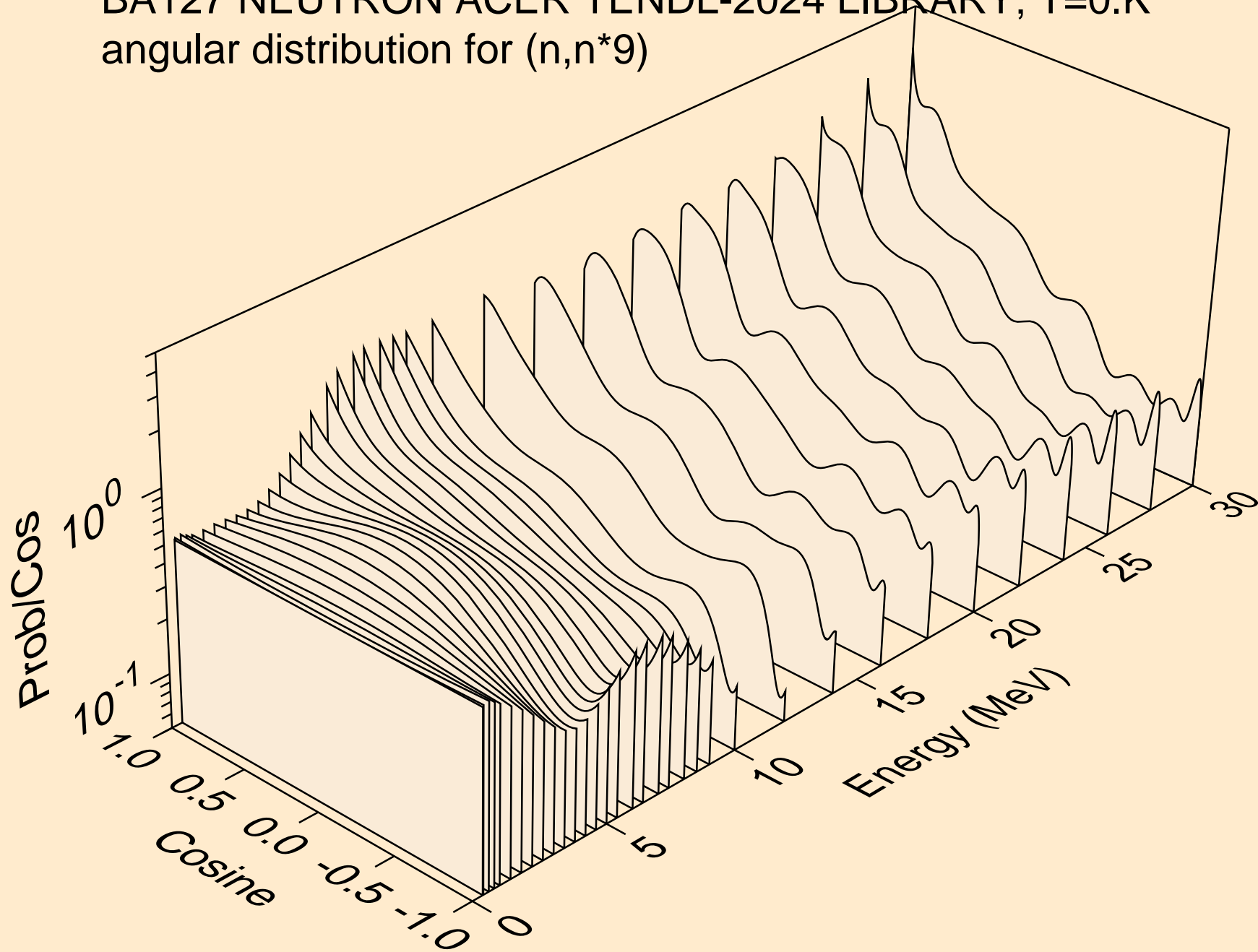
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

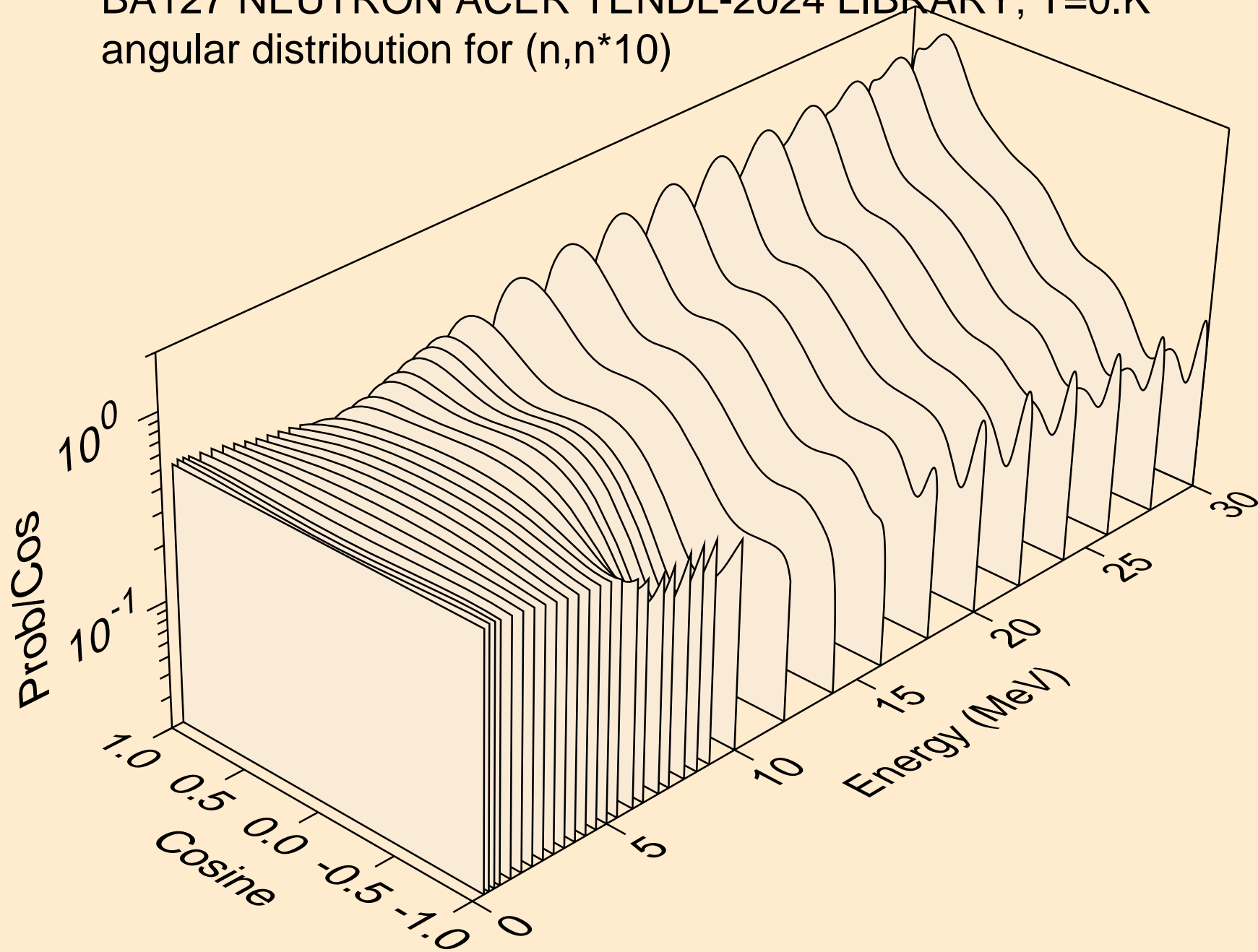


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



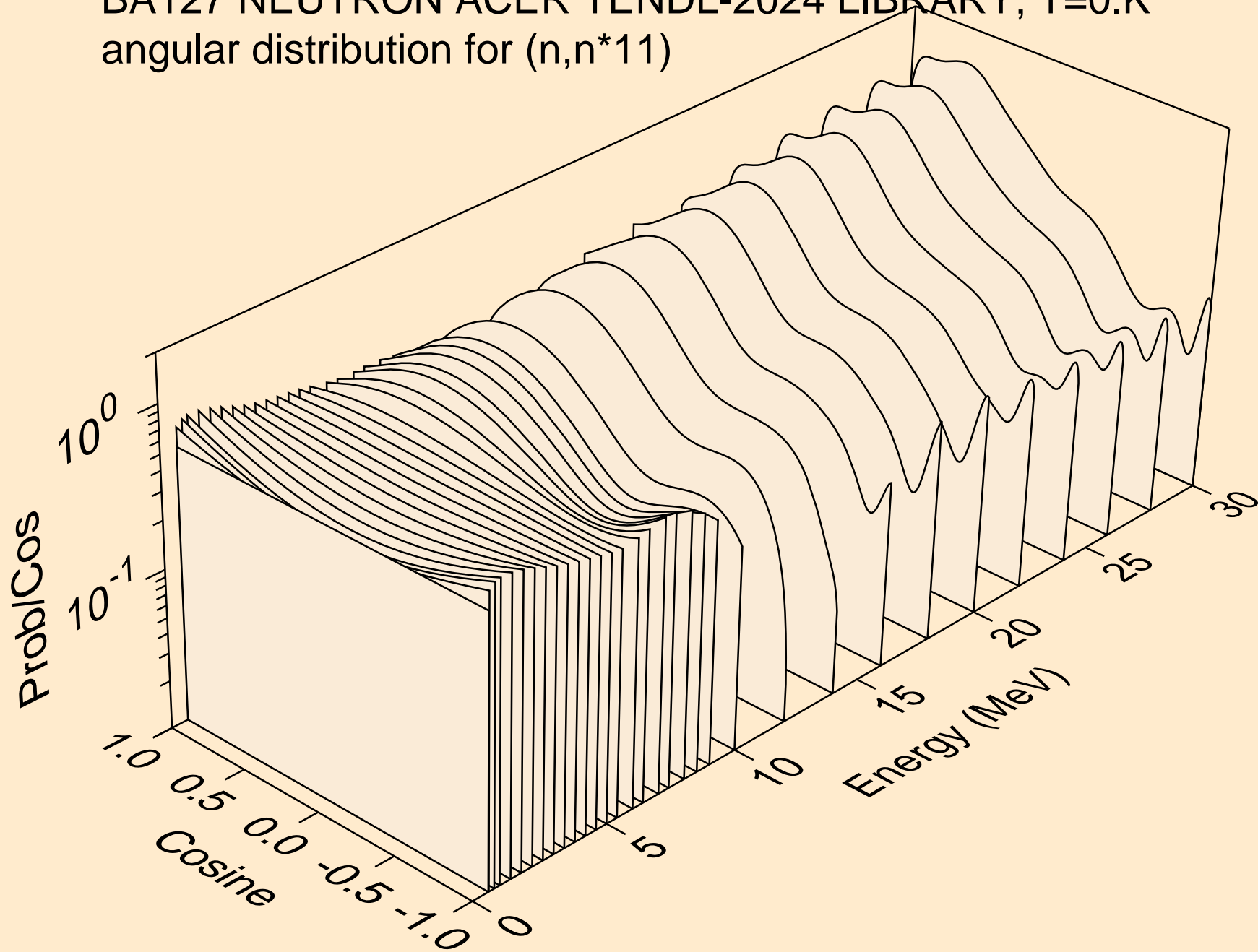


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

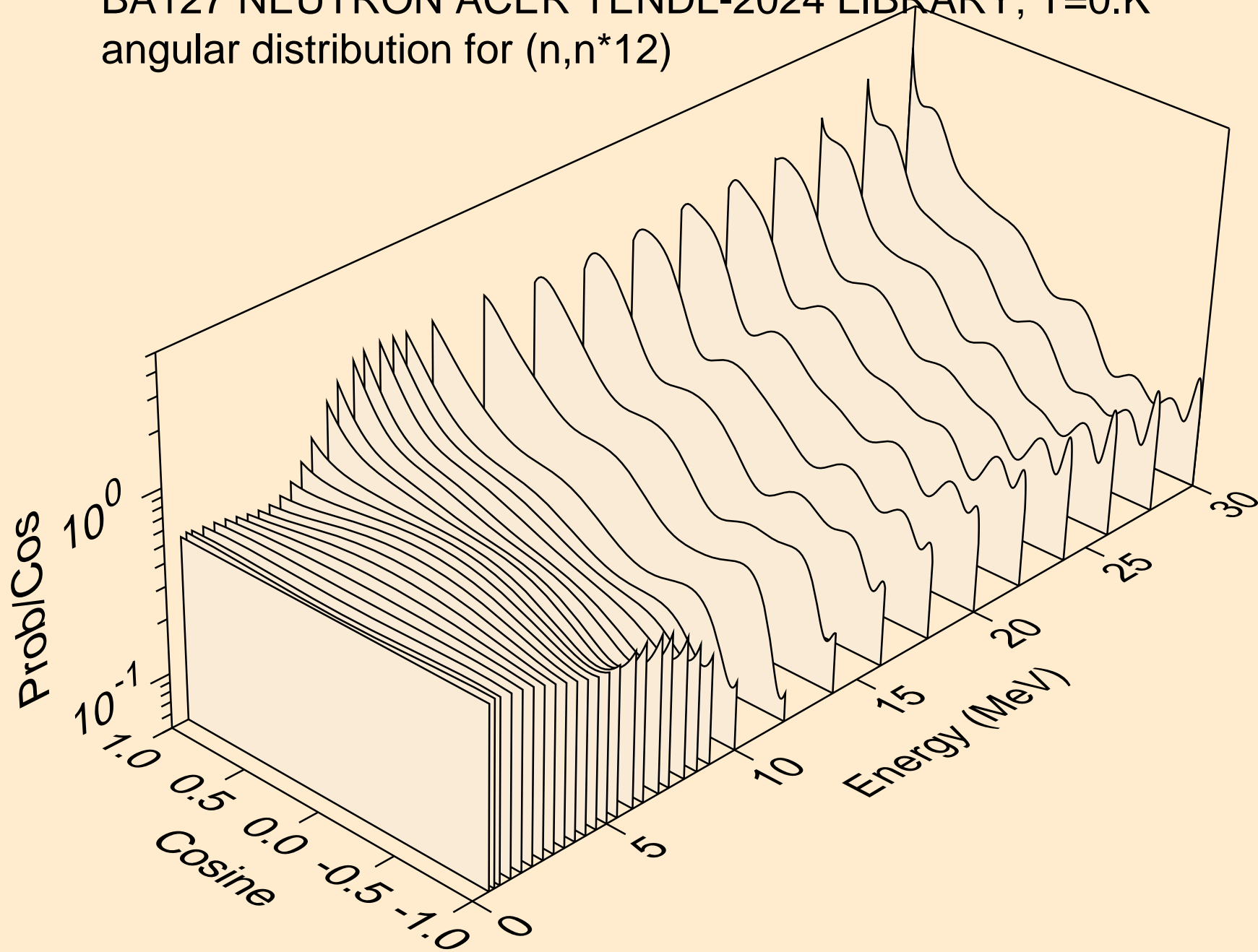




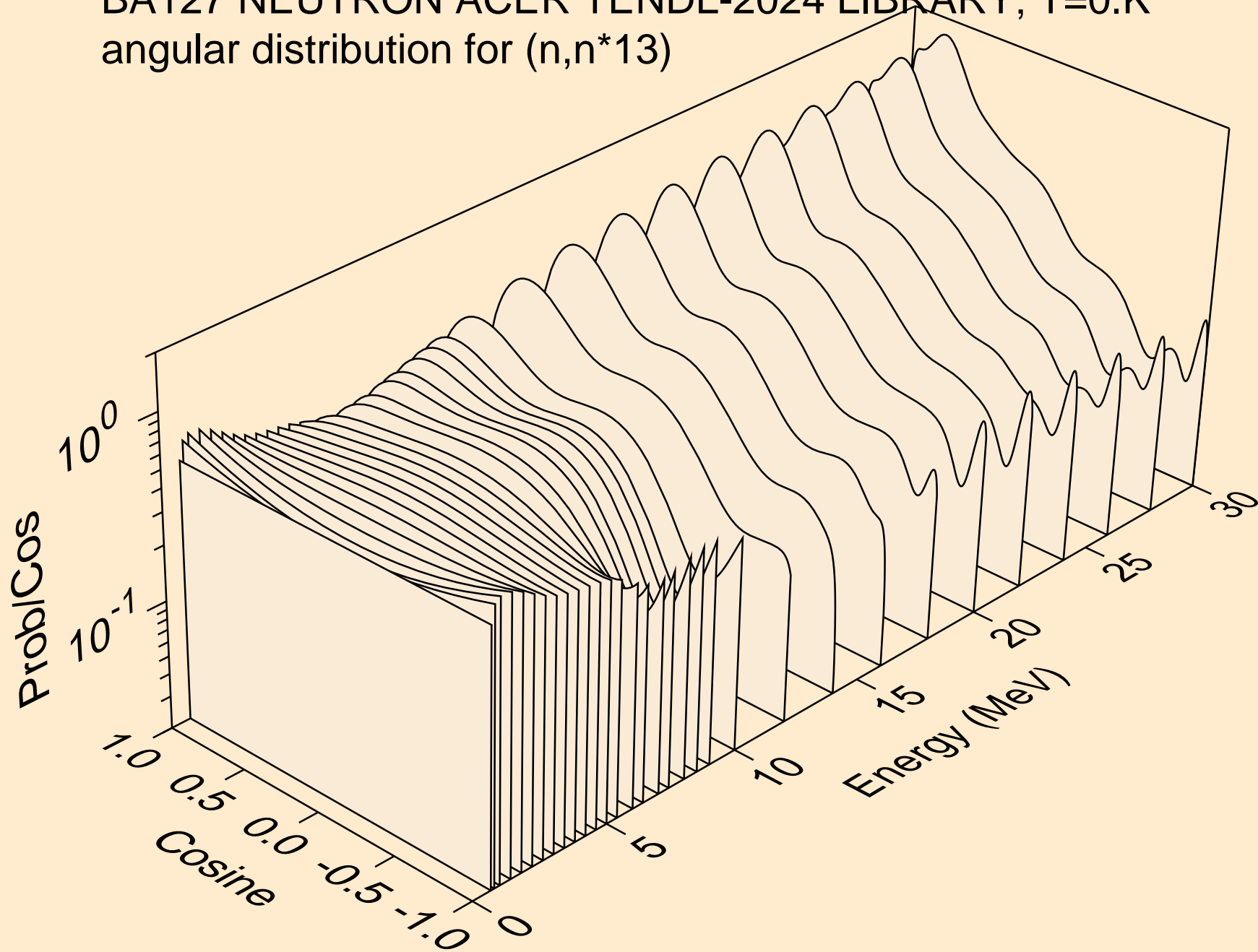
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angular distribution for (n,n\*11)



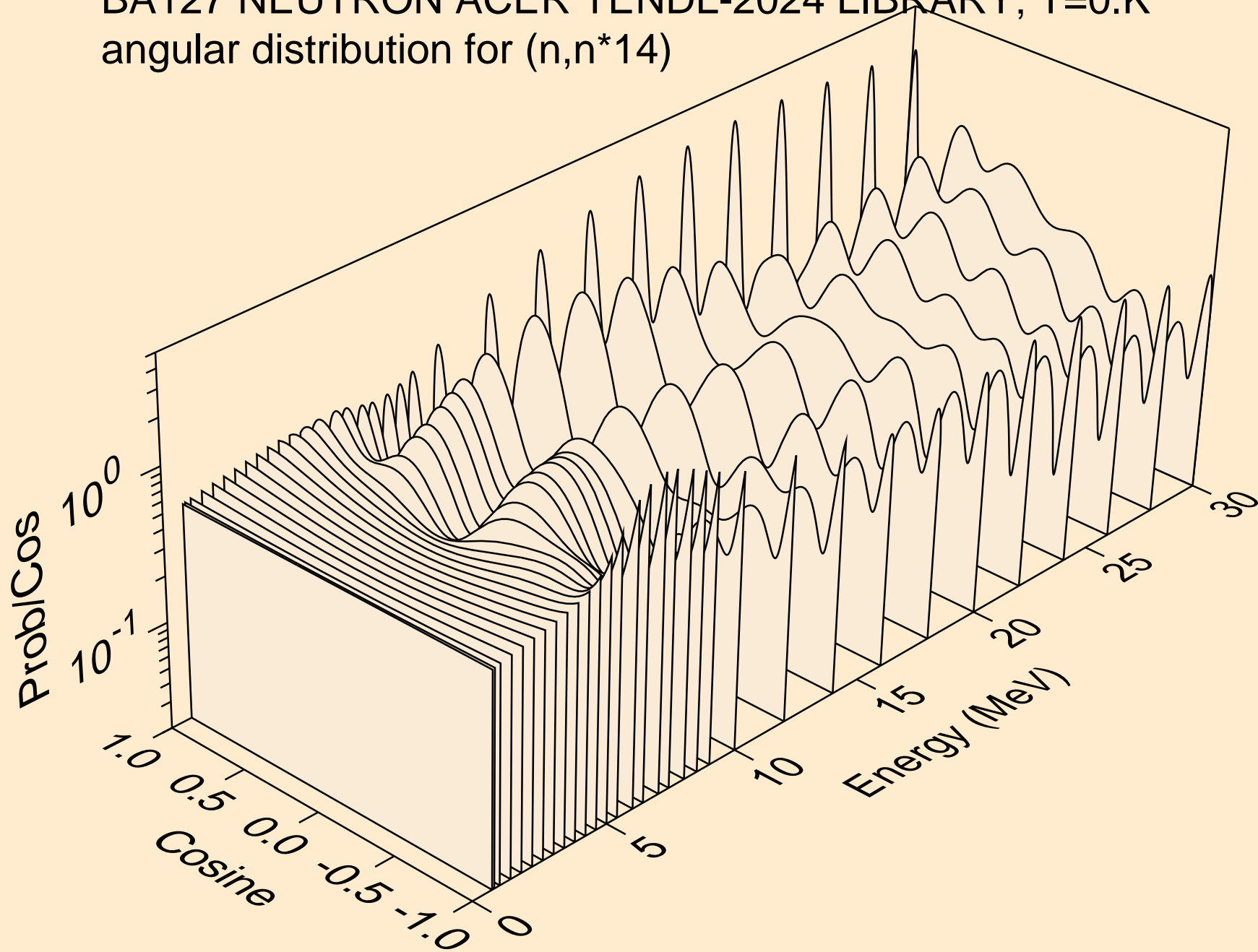
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



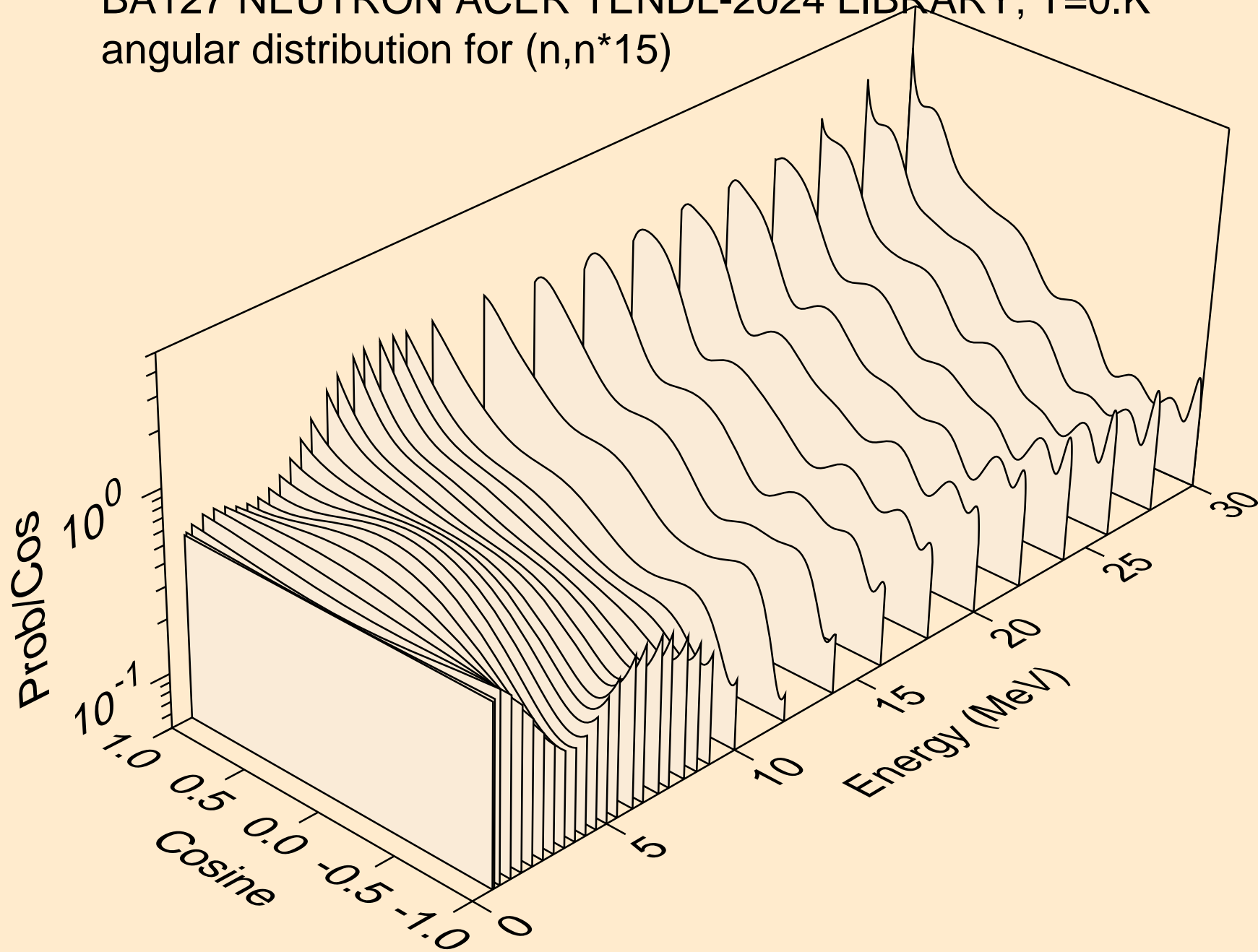
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angular distribution for (n,n\*13)



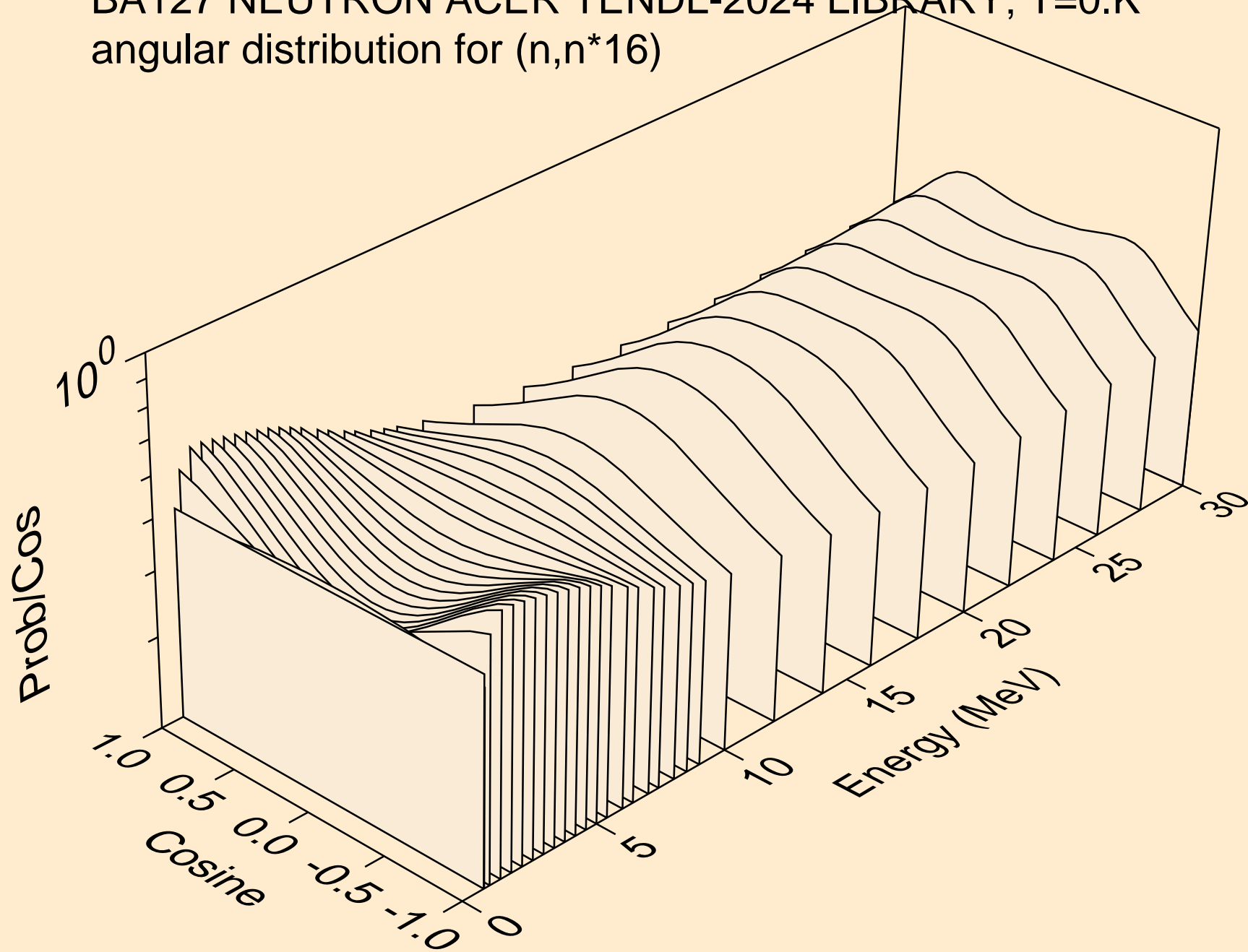
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angular distribution for (n,n\*14)



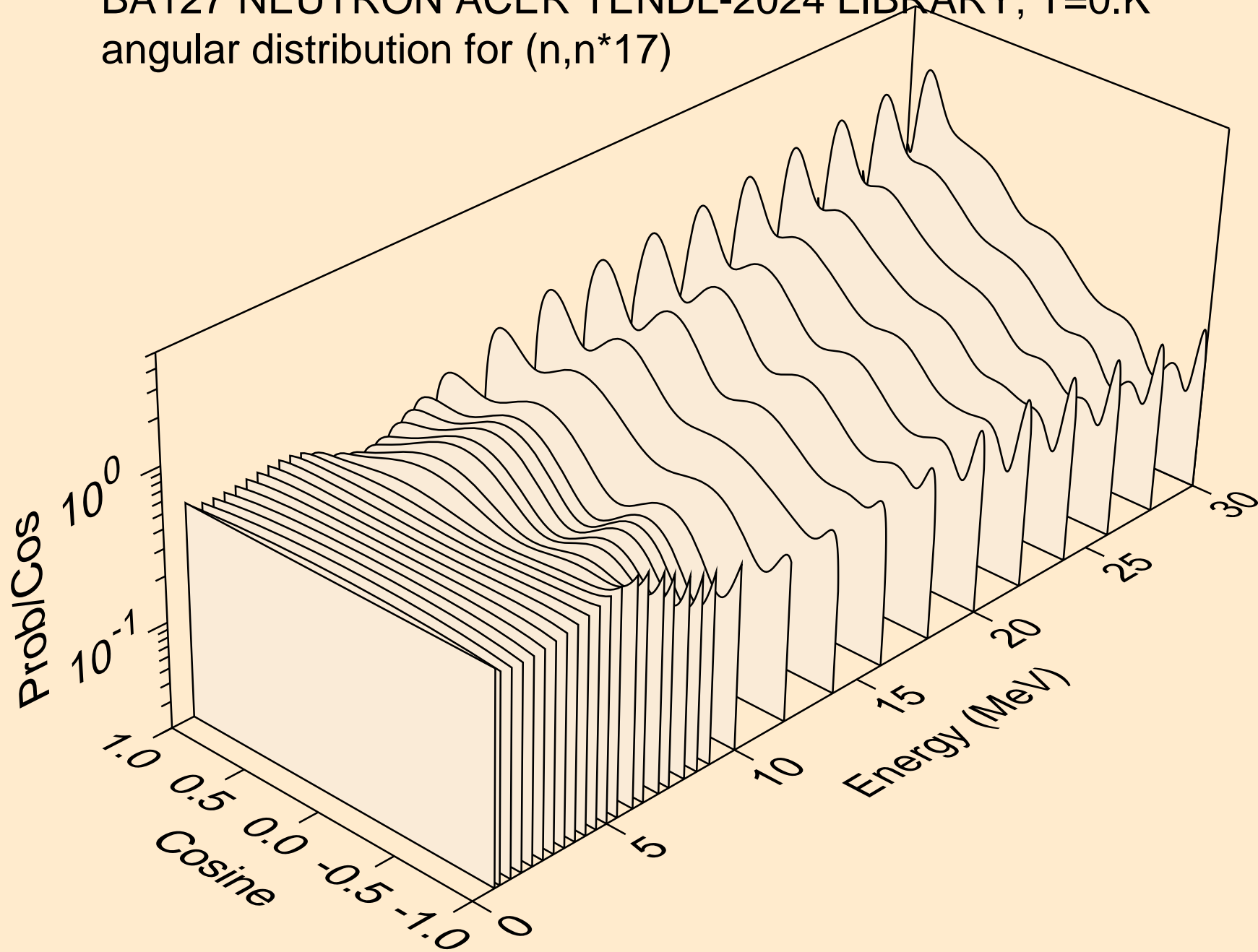
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



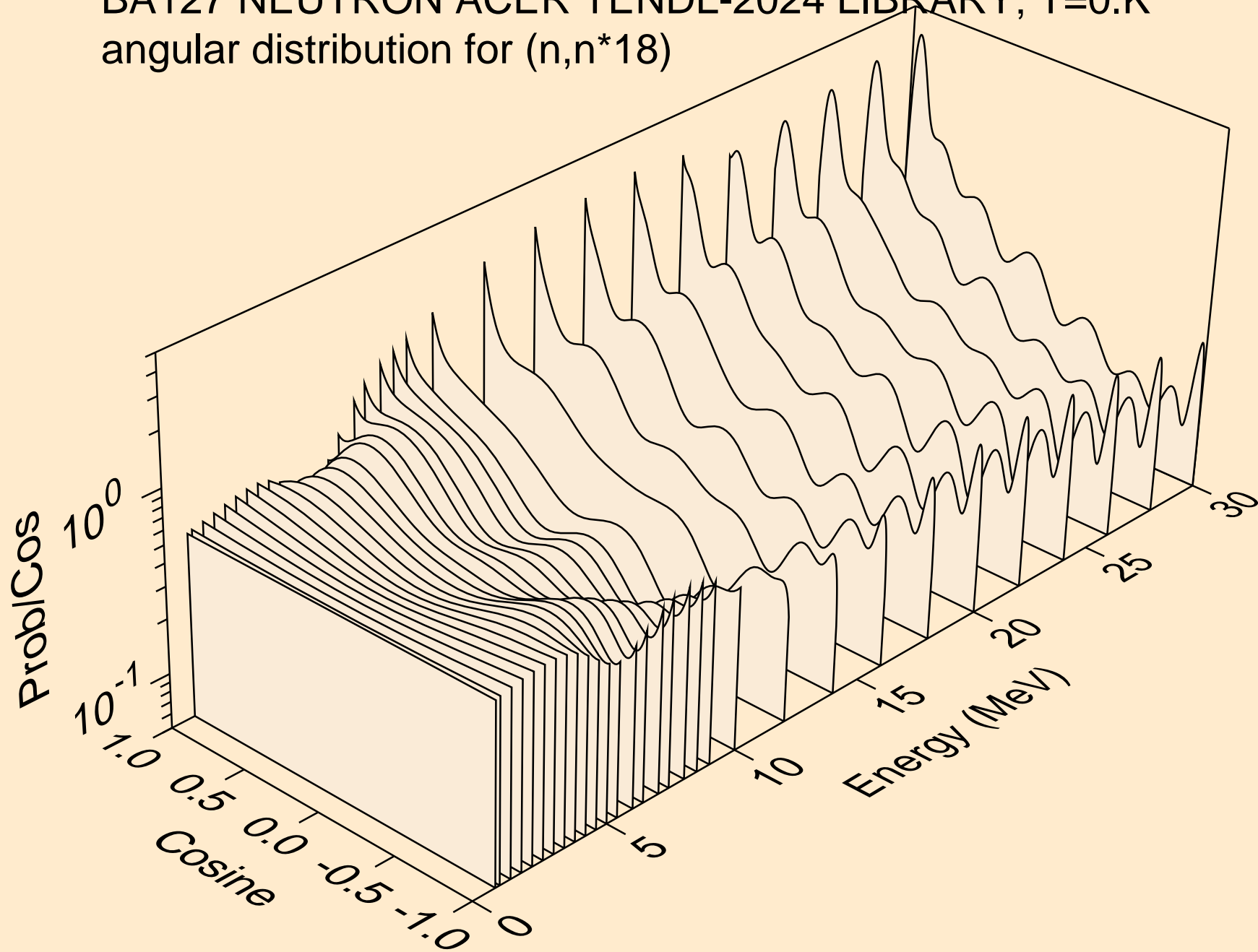
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

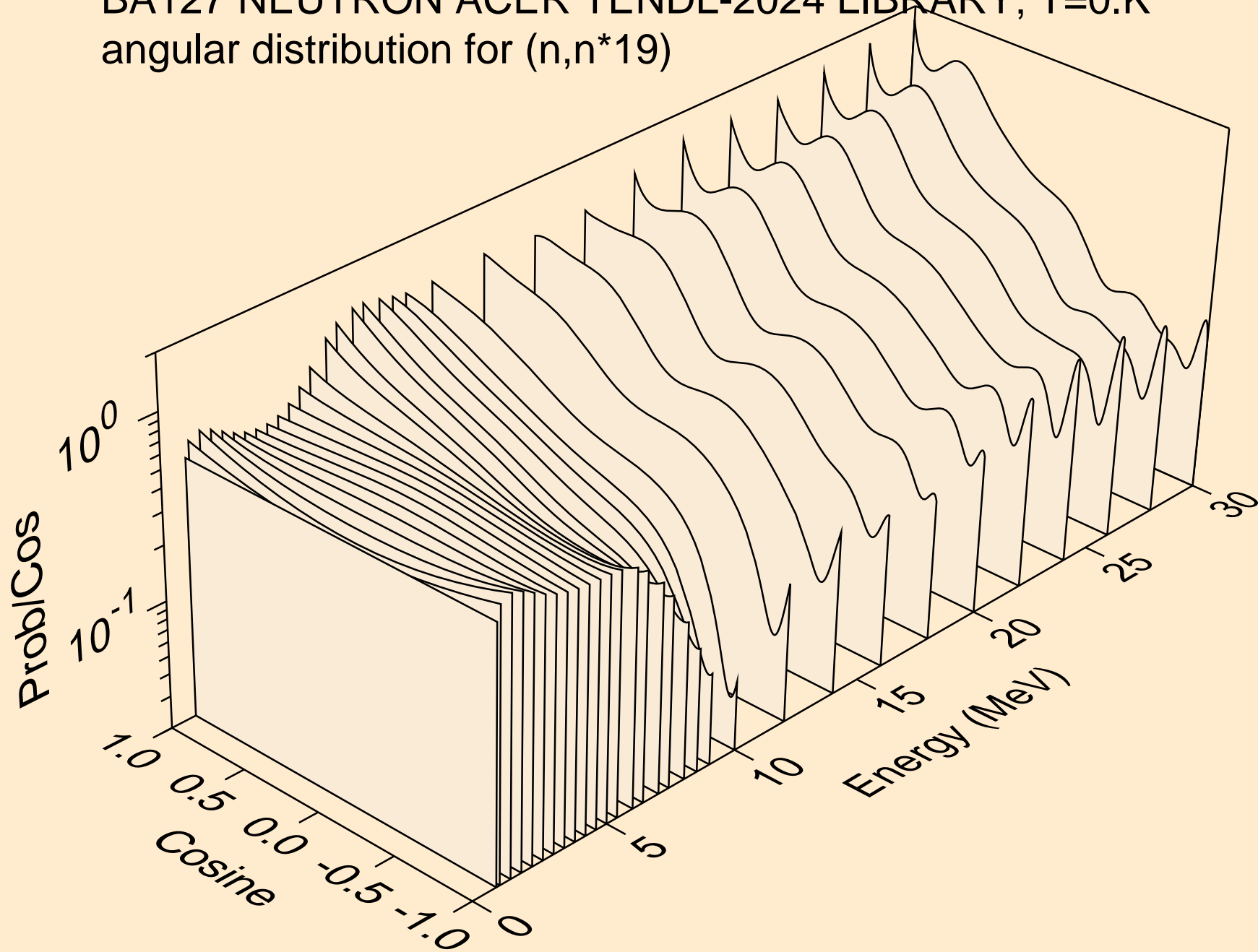


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angular distribution for (n,n\*18)

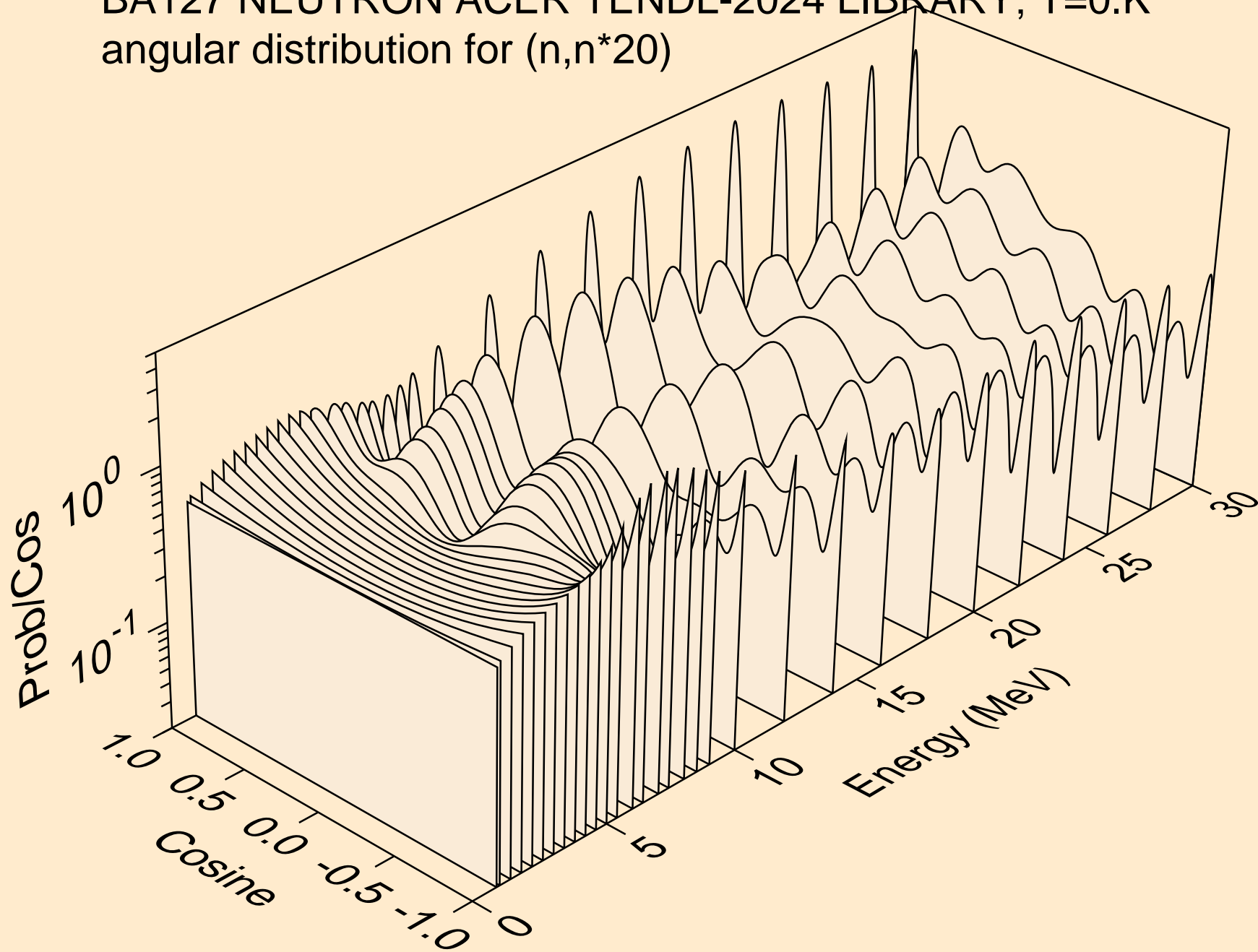




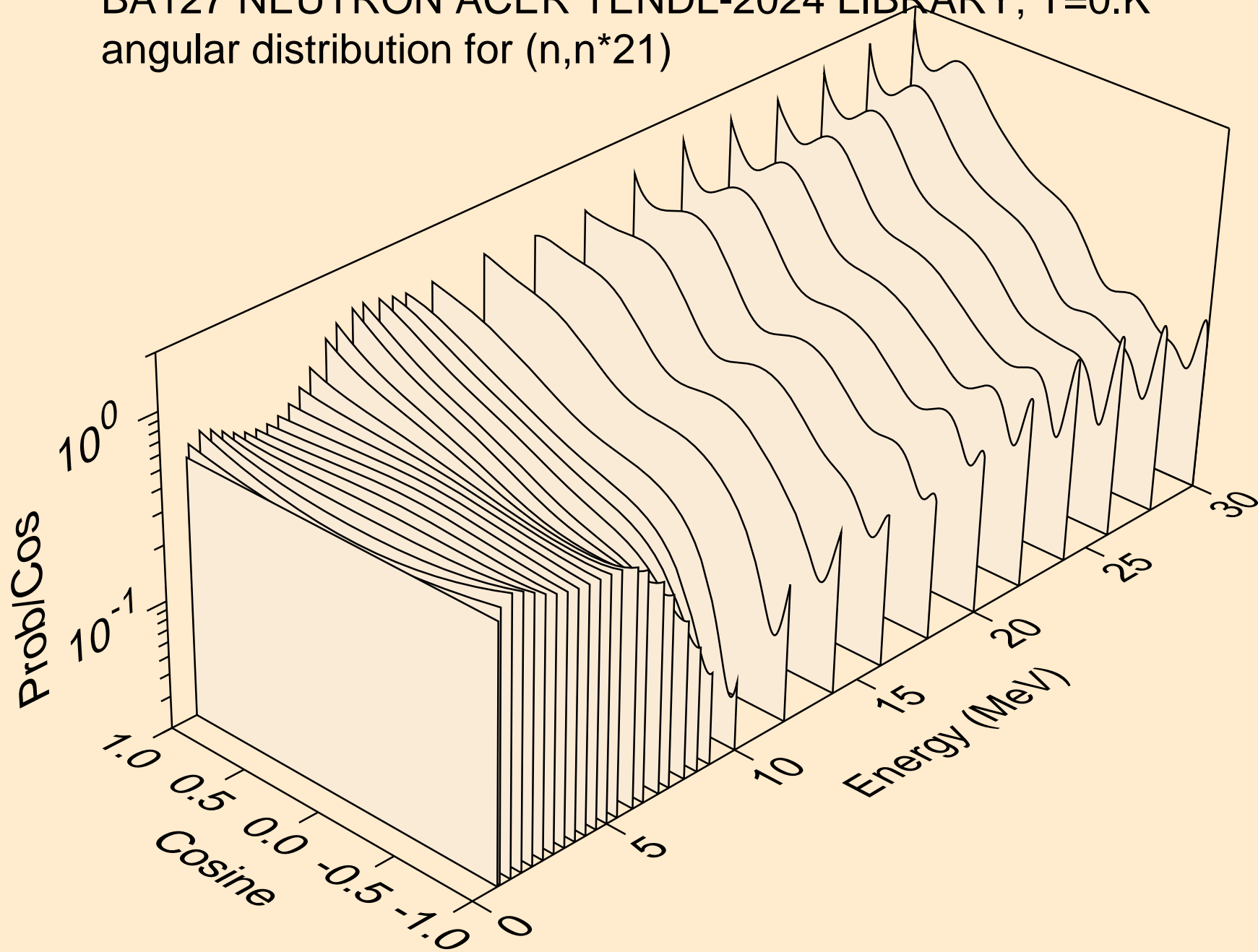
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



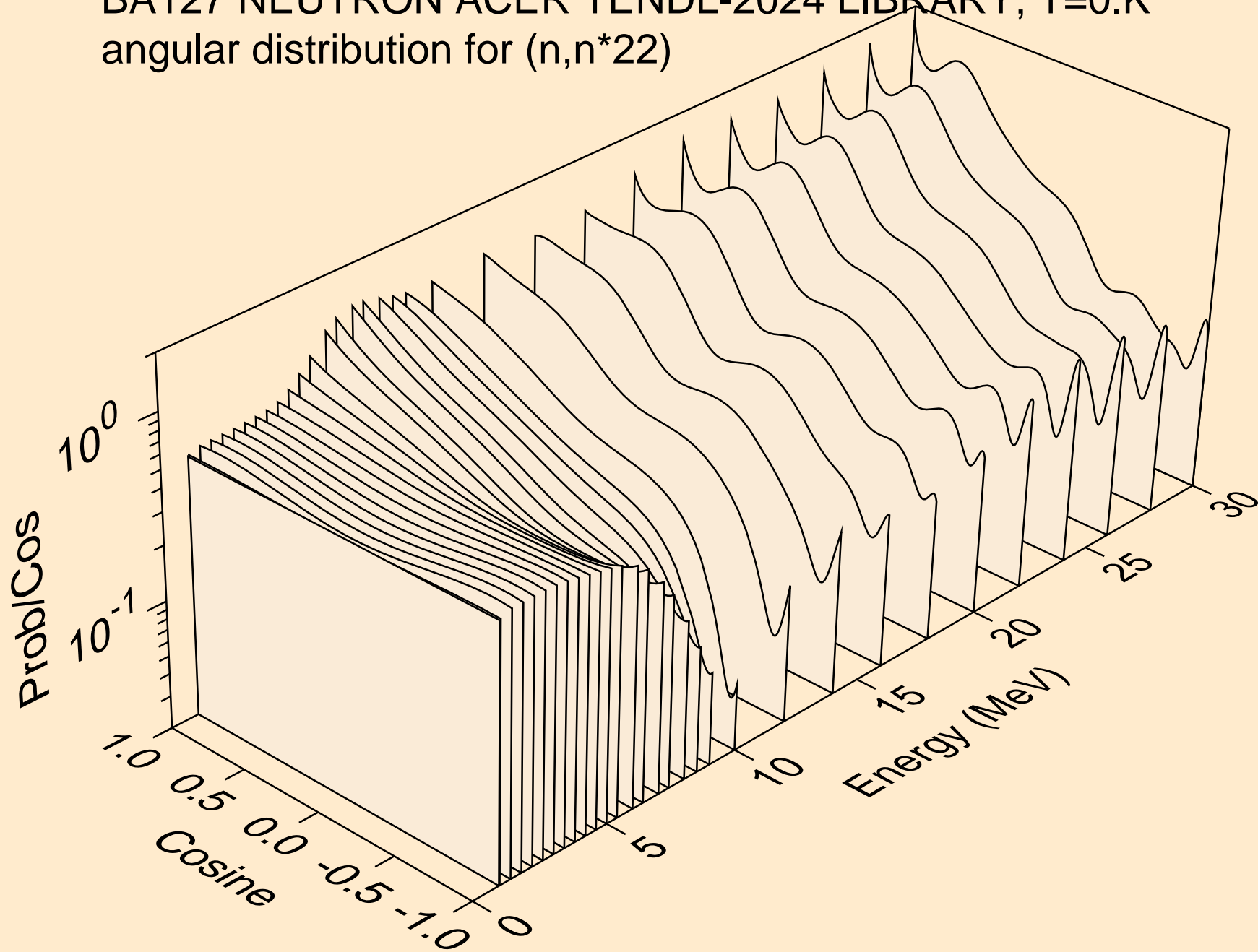
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



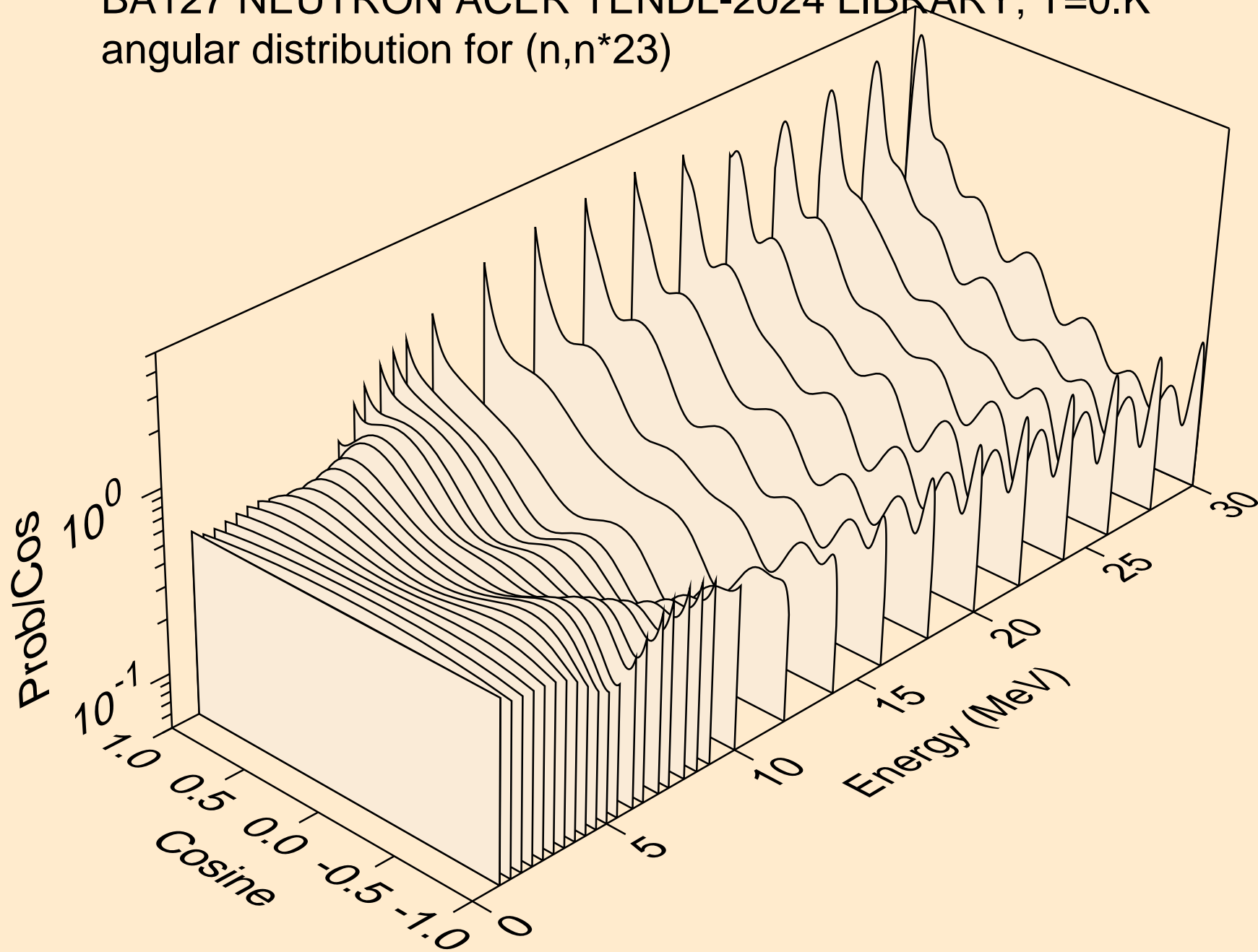
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



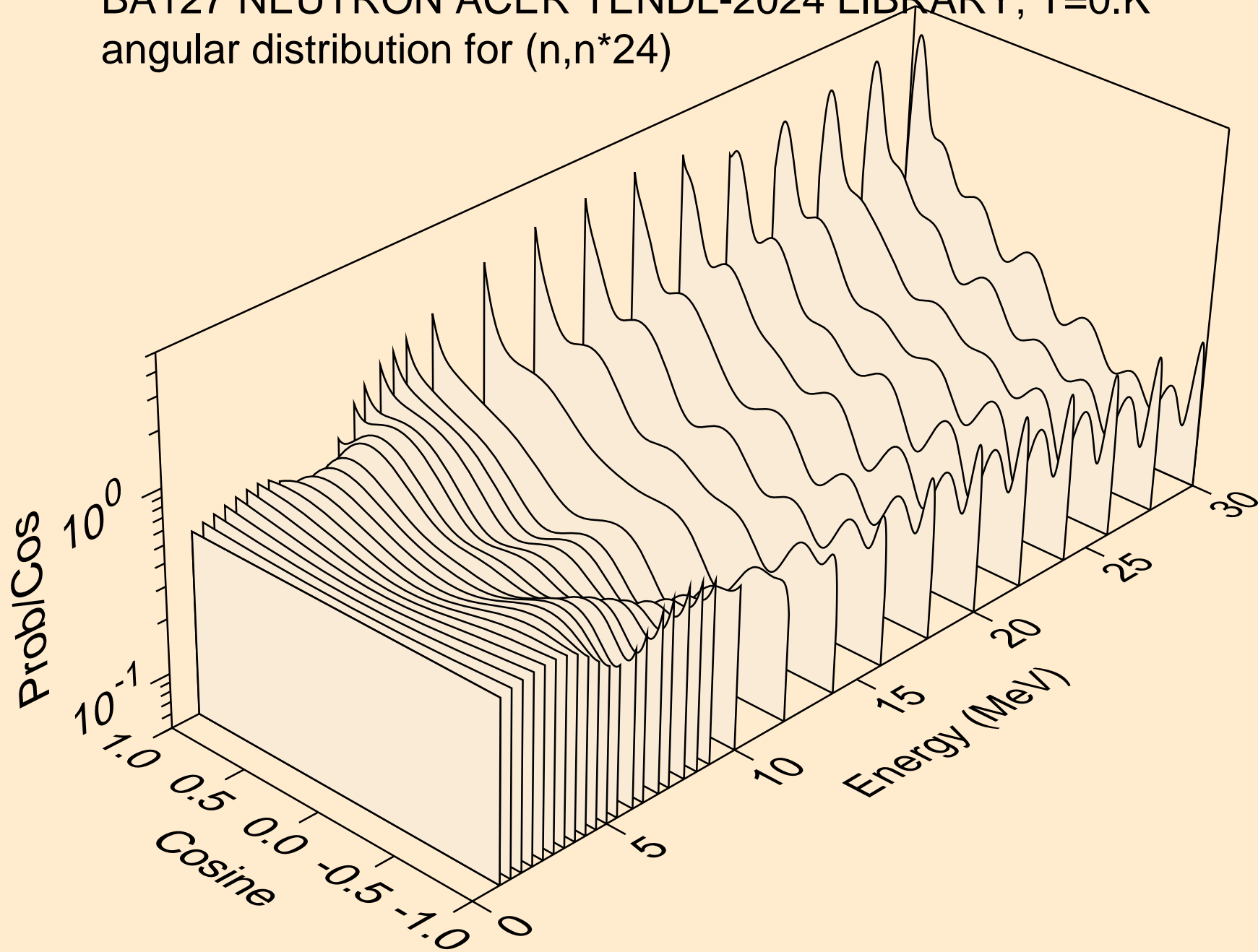
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



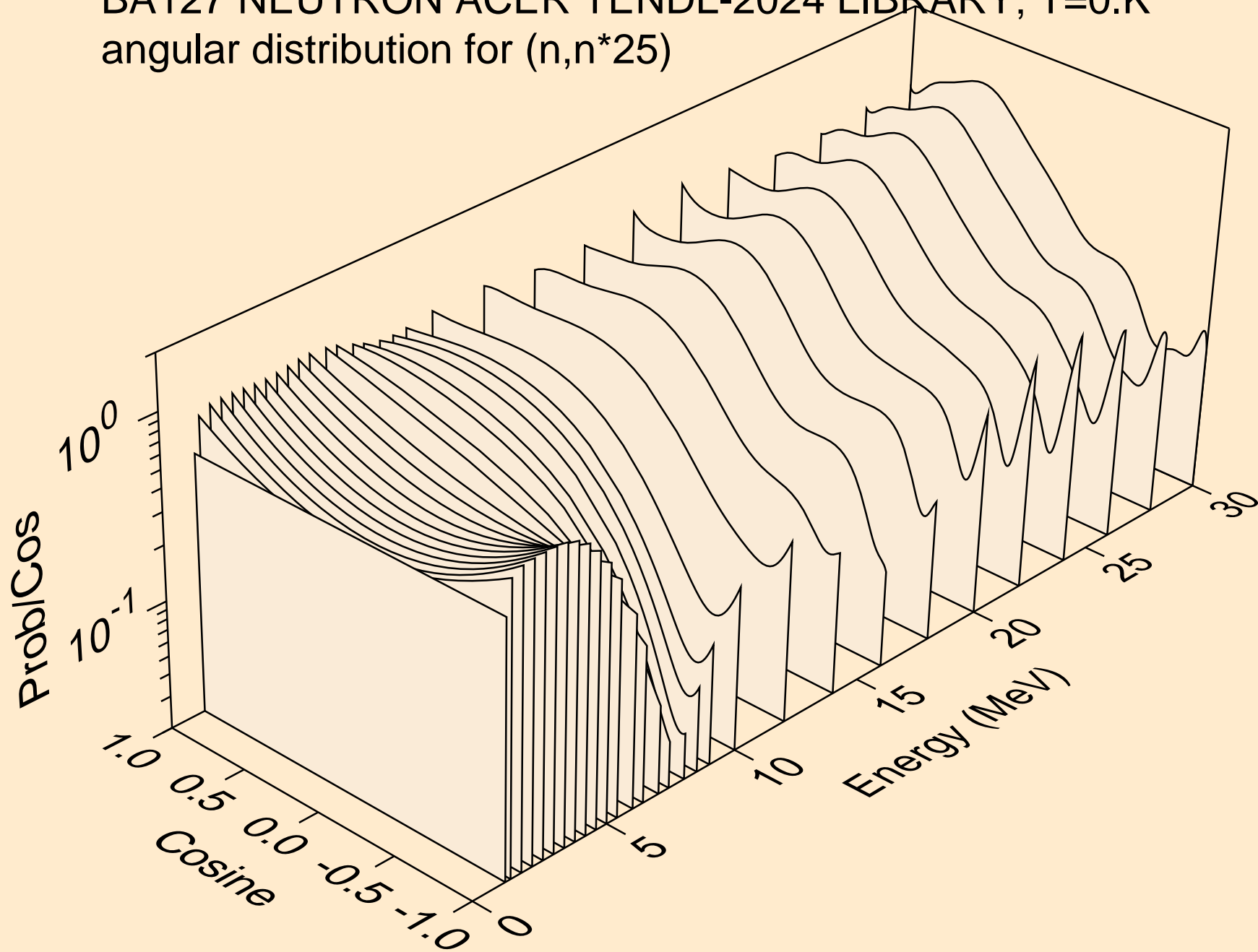
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



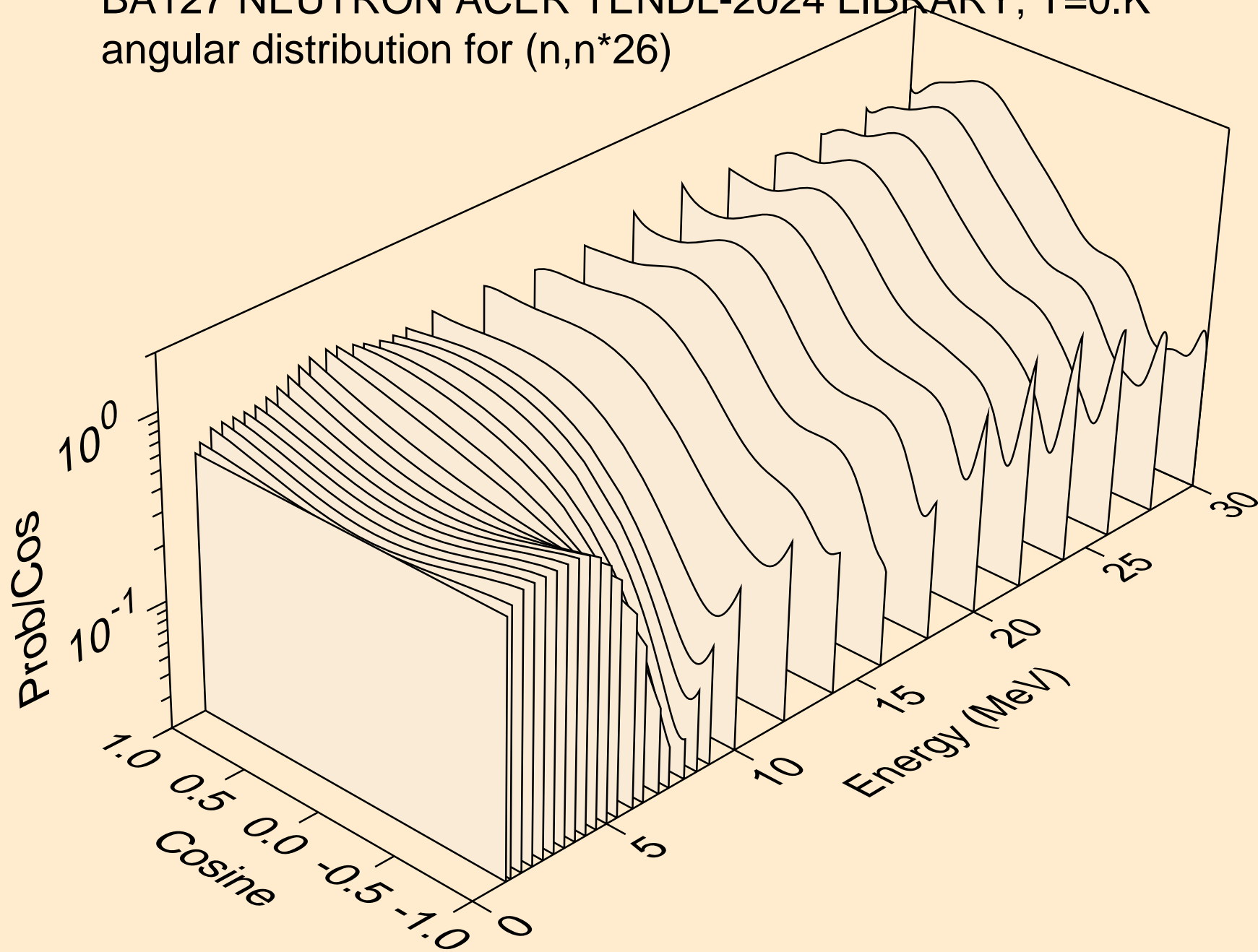
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

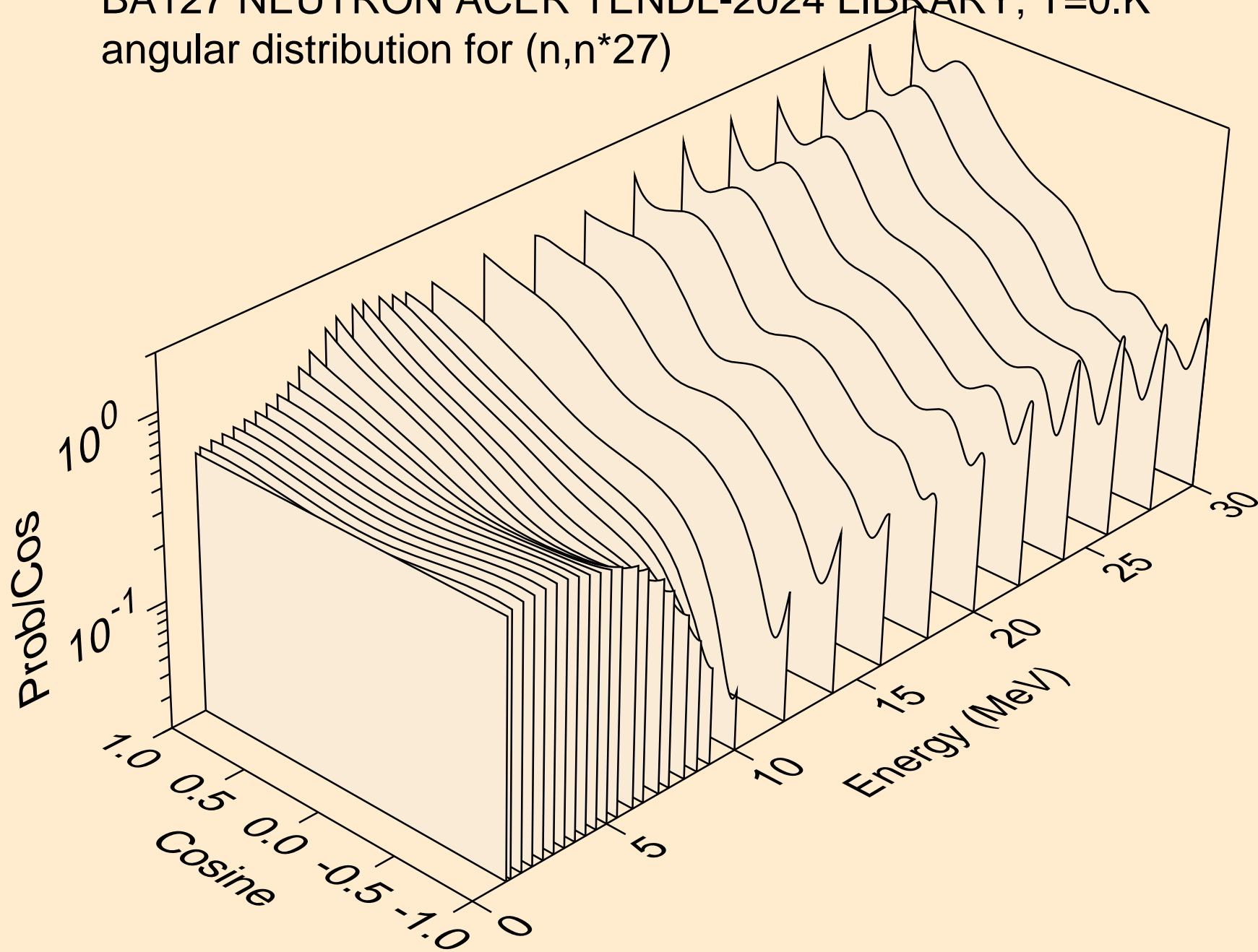


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

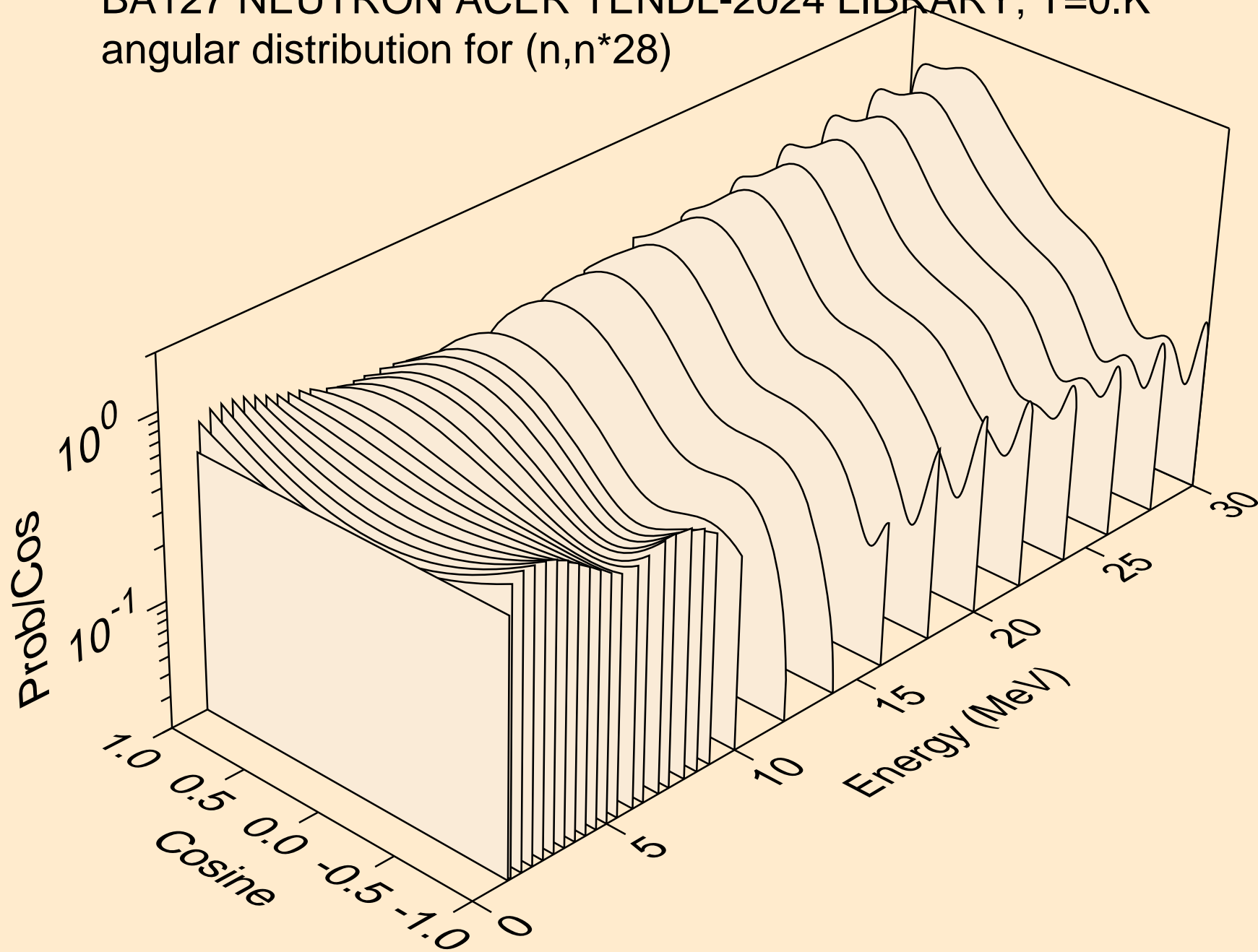




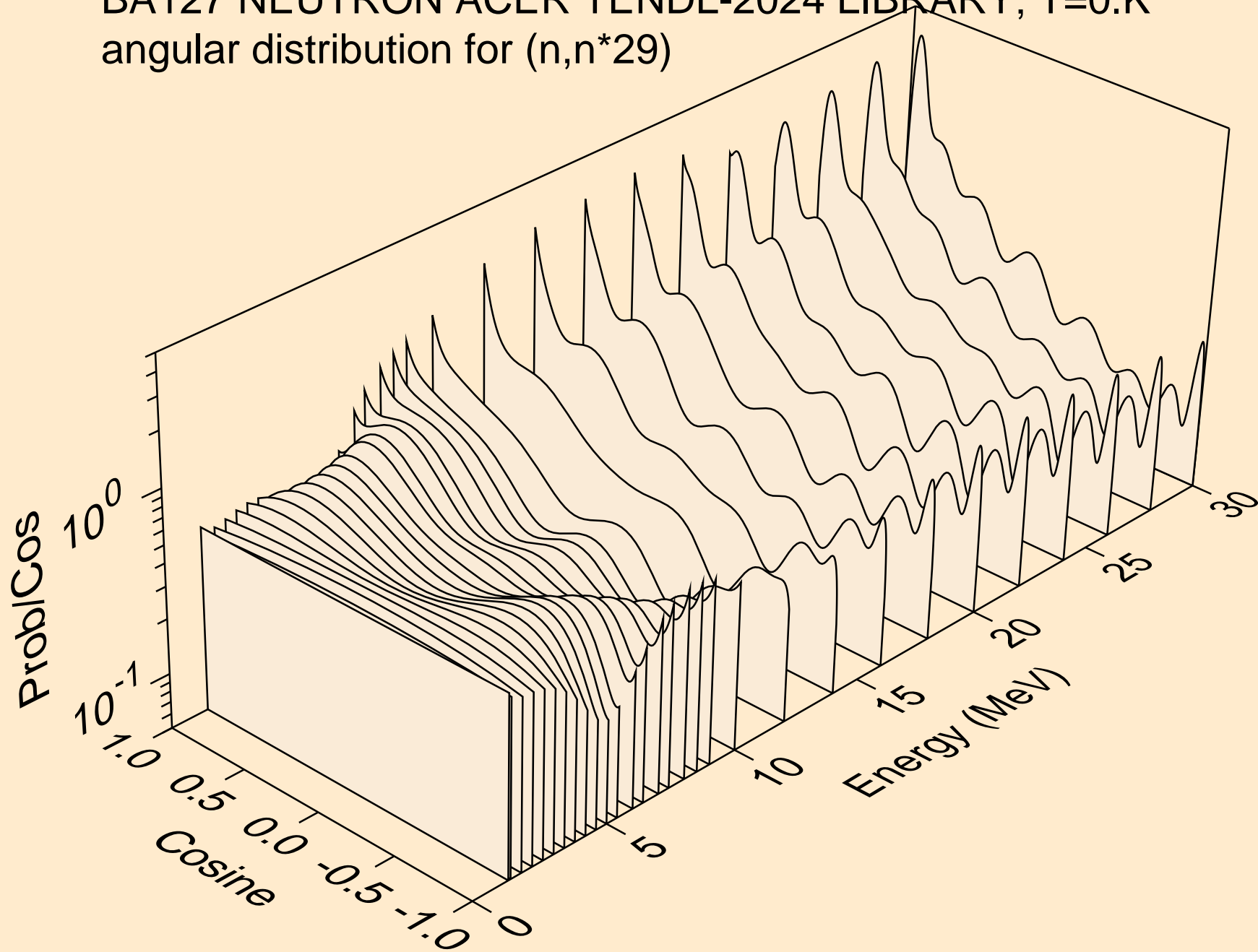
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



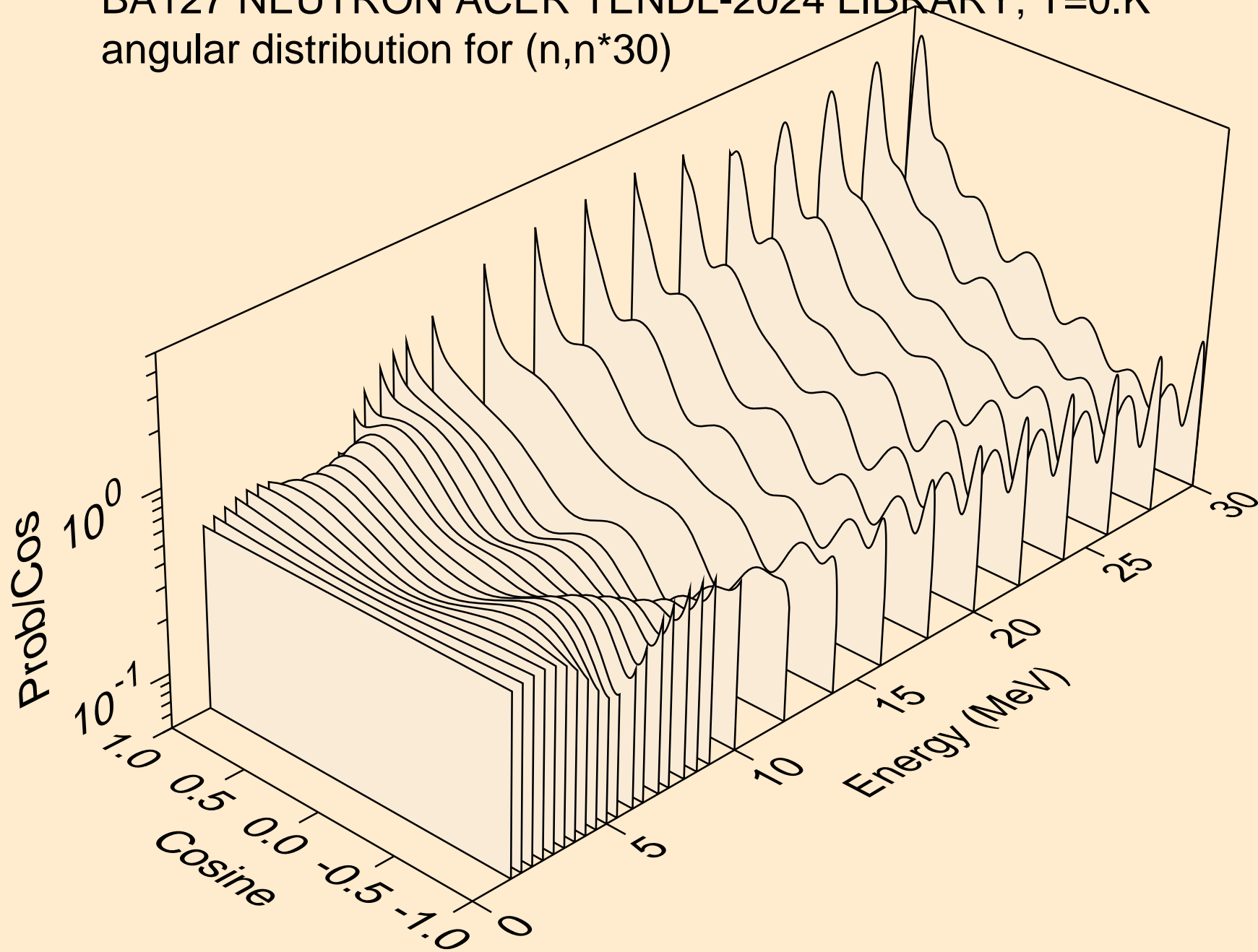
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



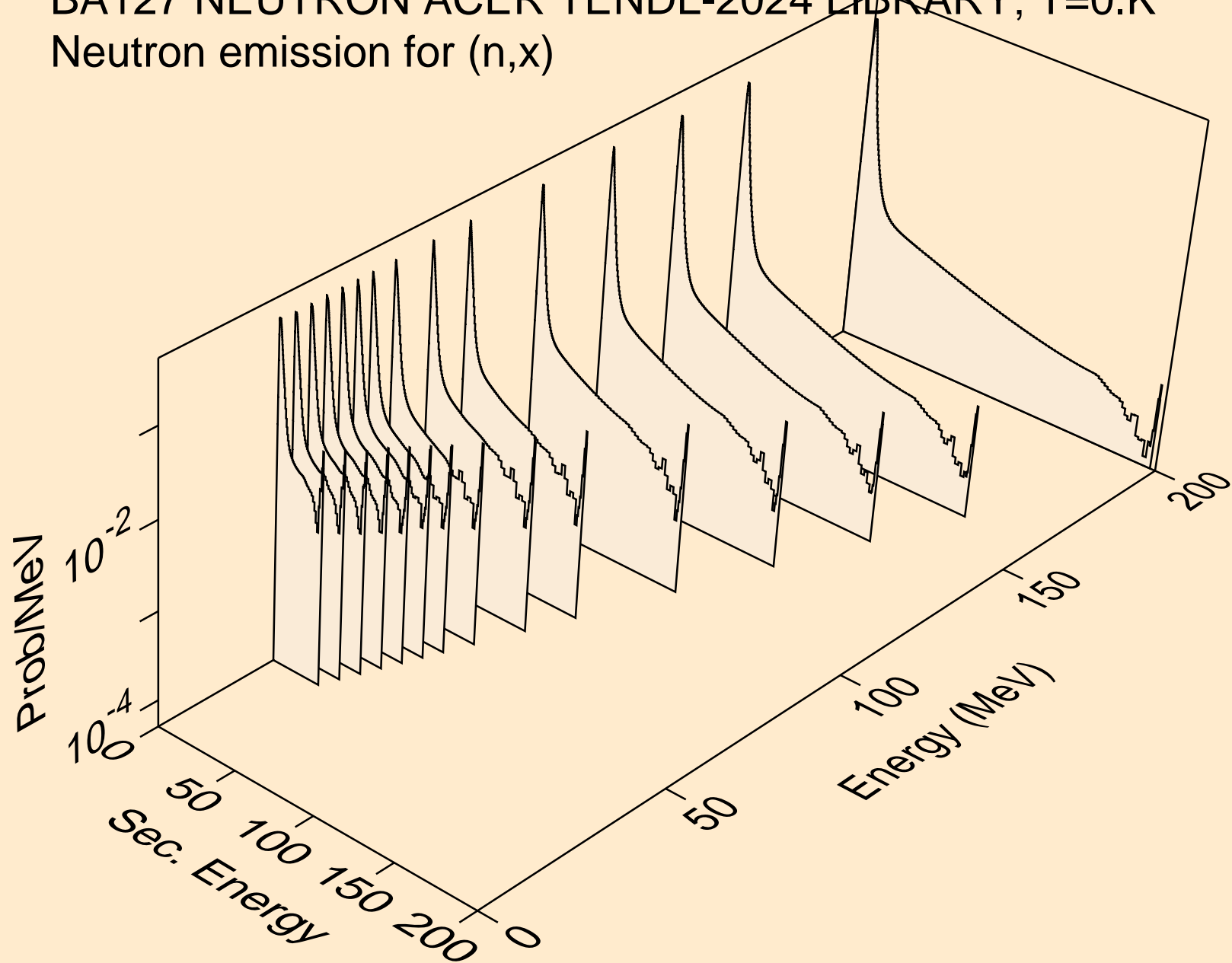
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



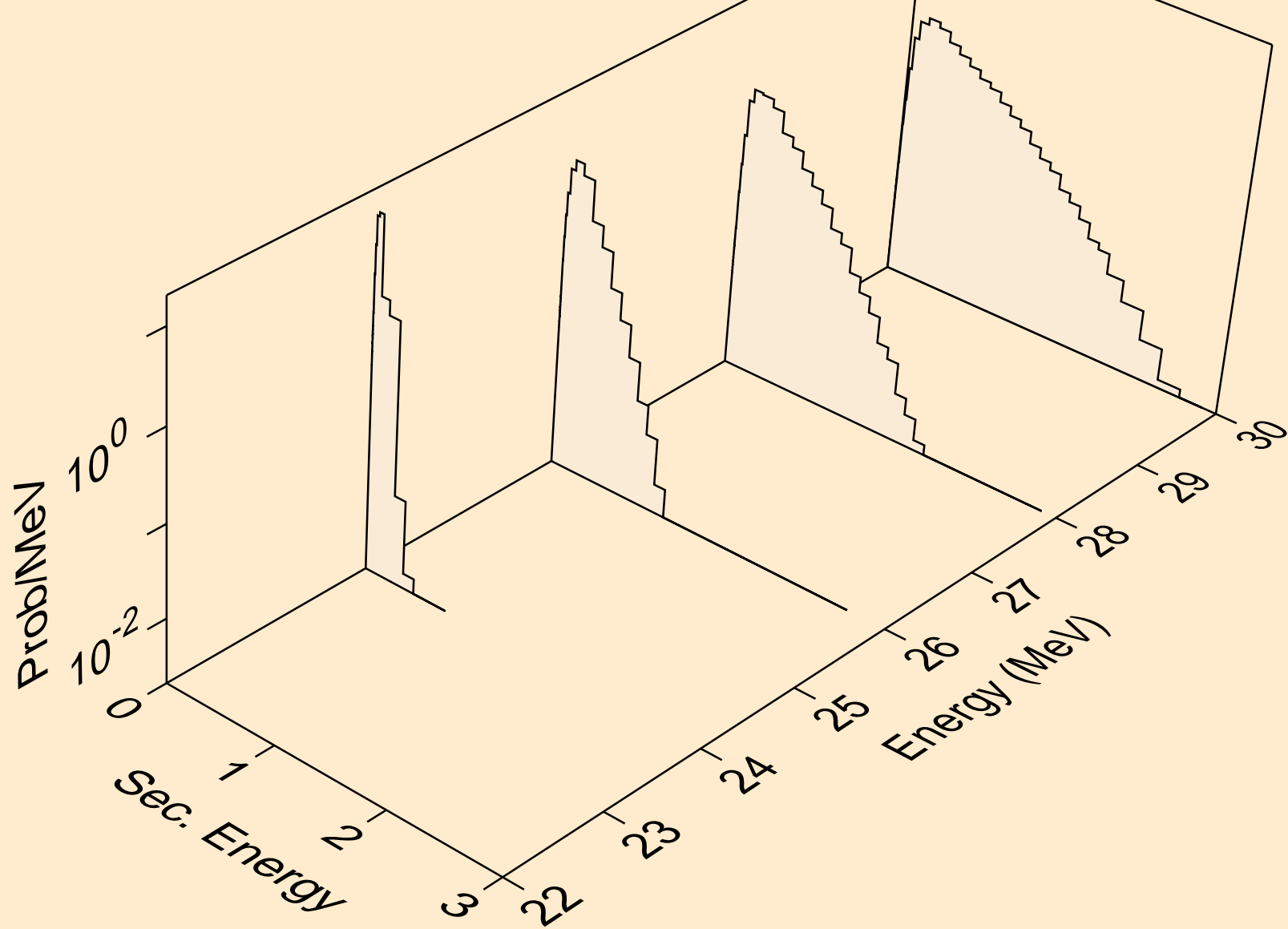
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



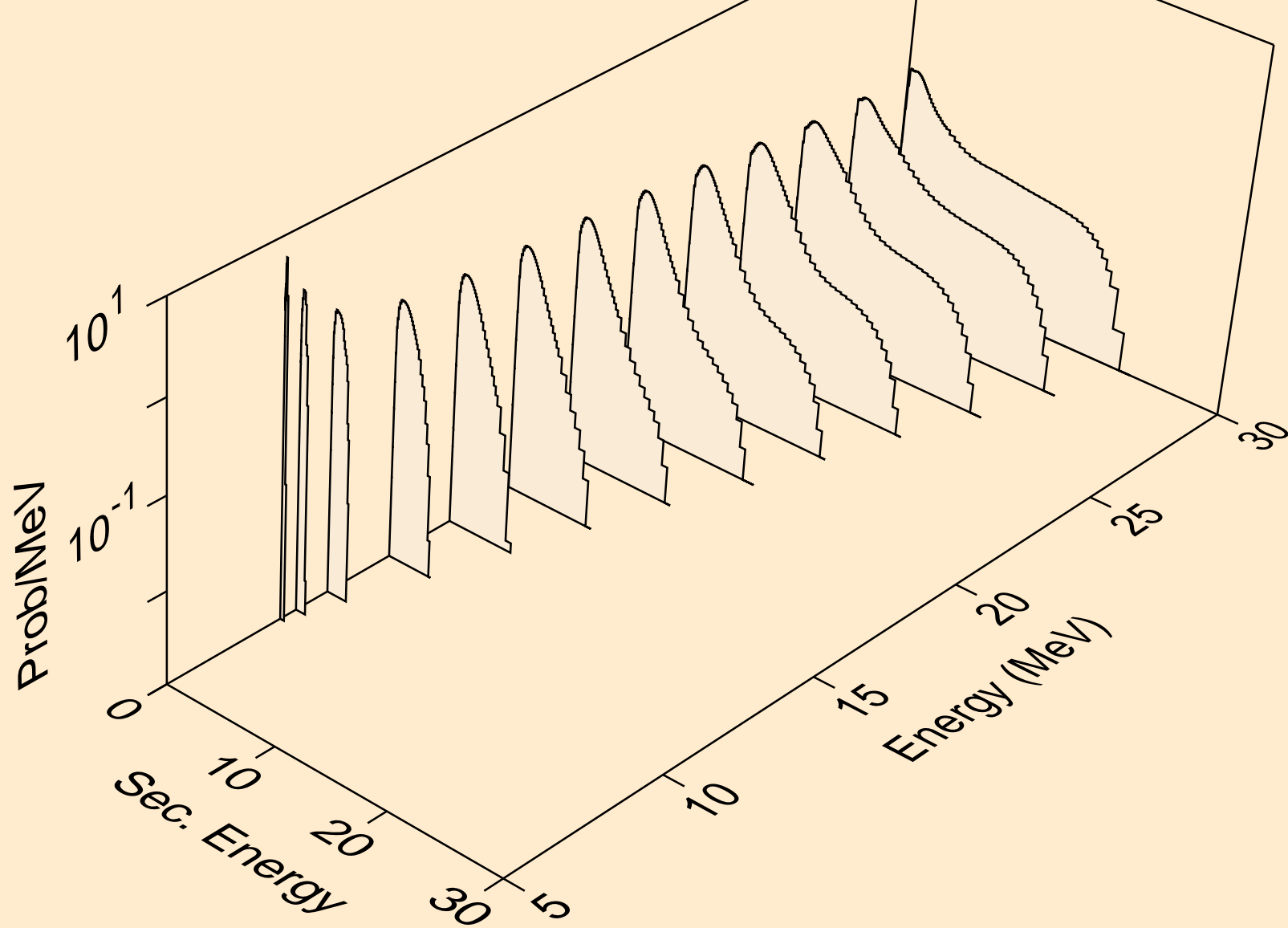
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



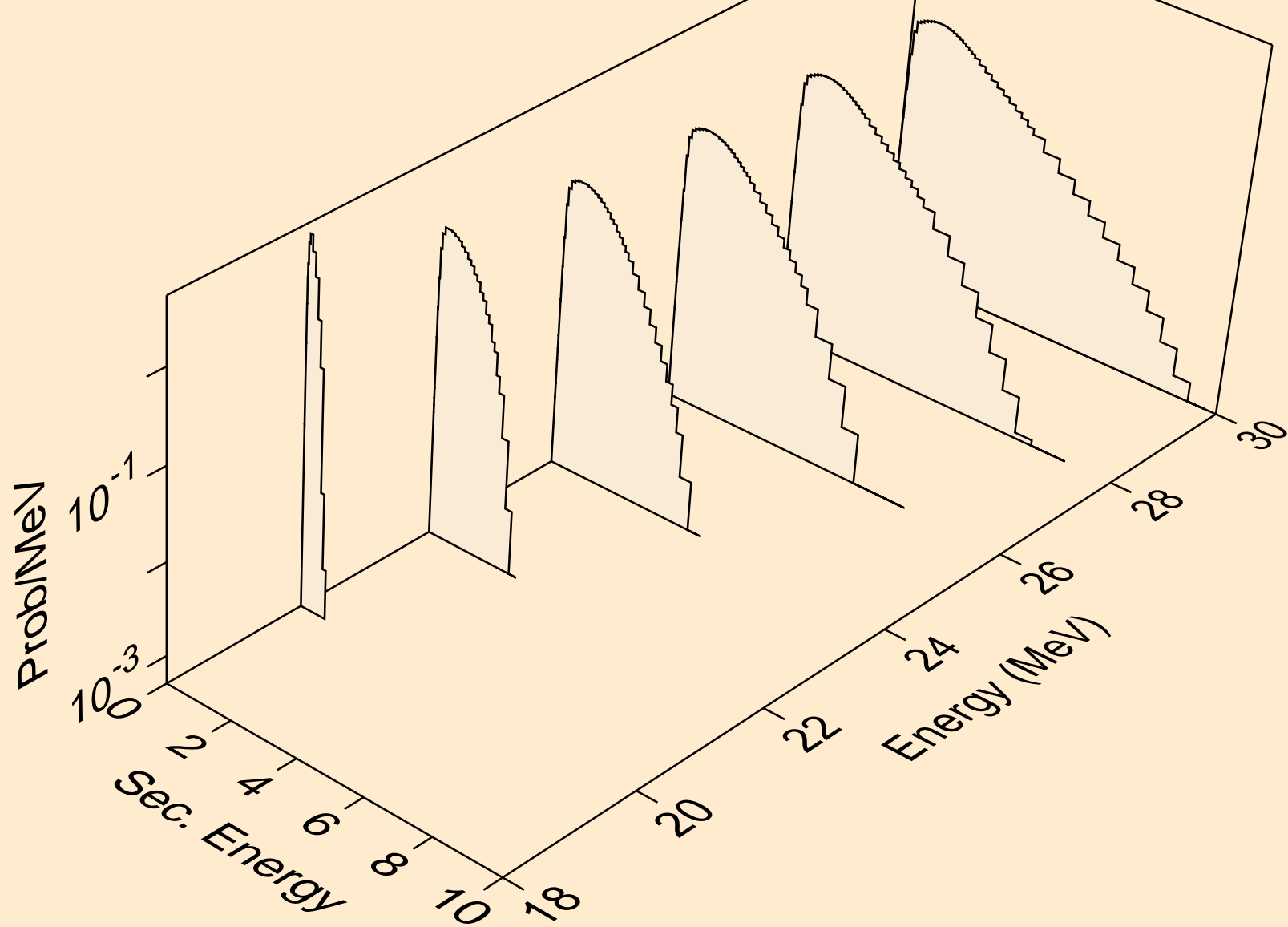
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

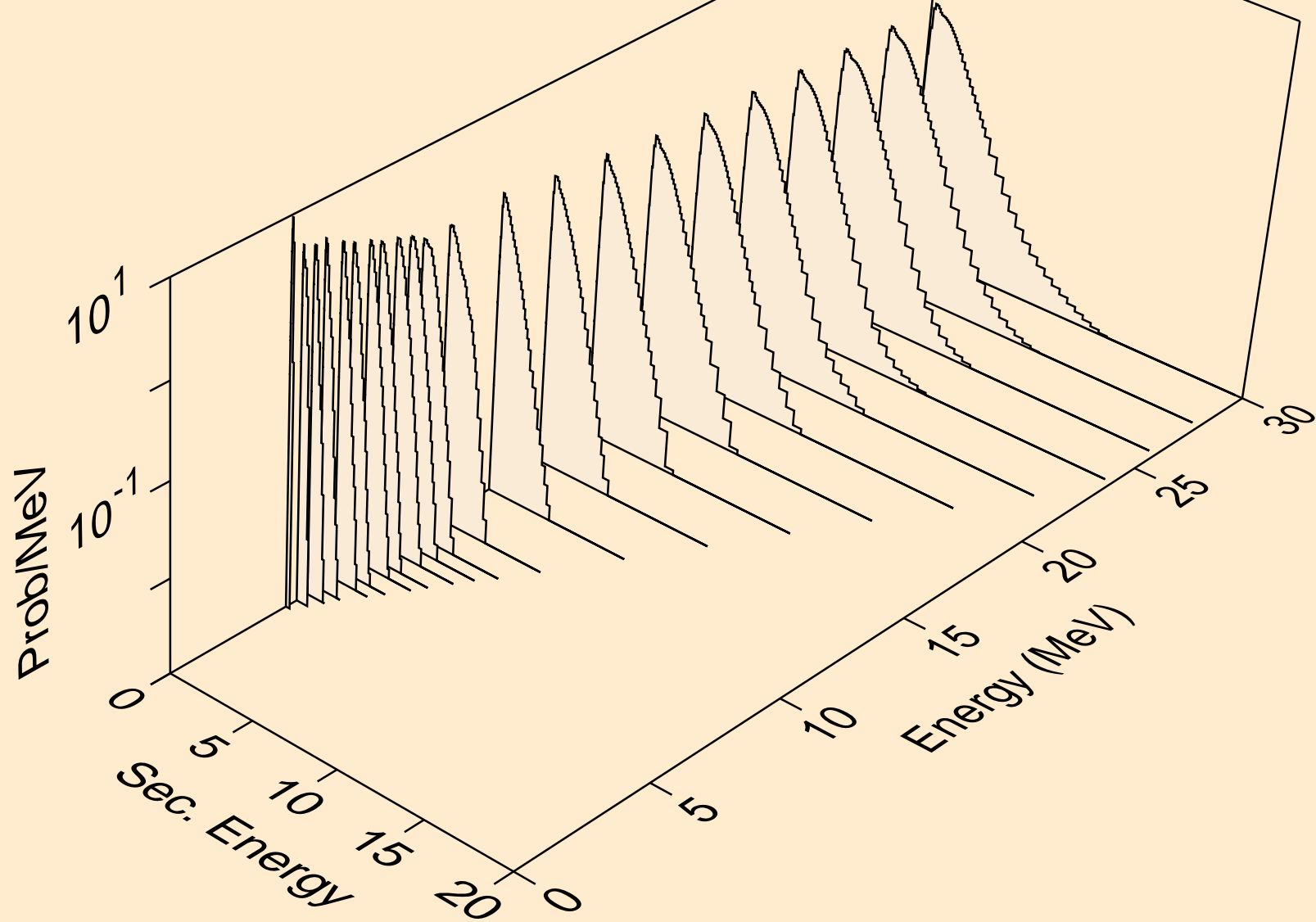


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

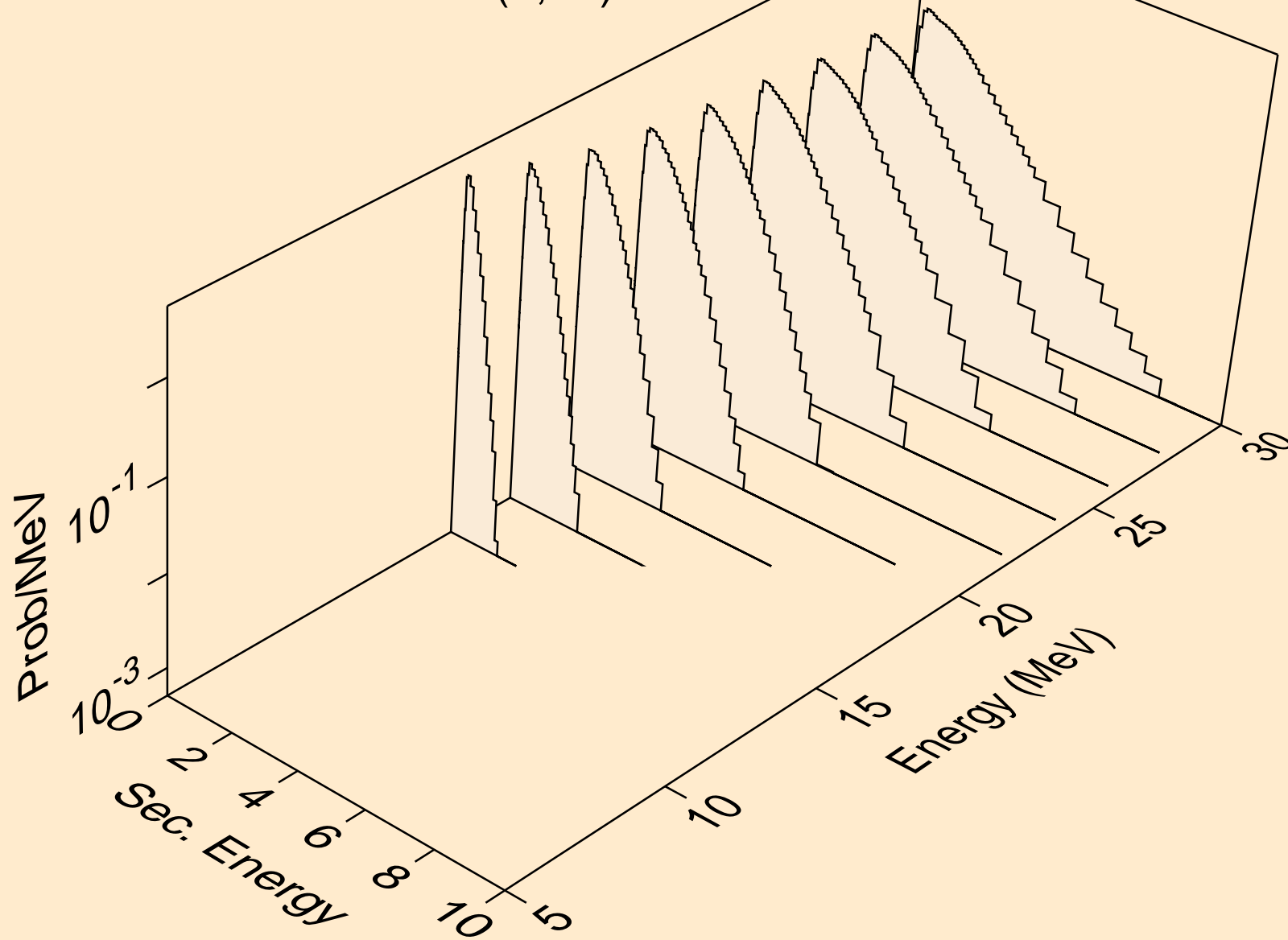




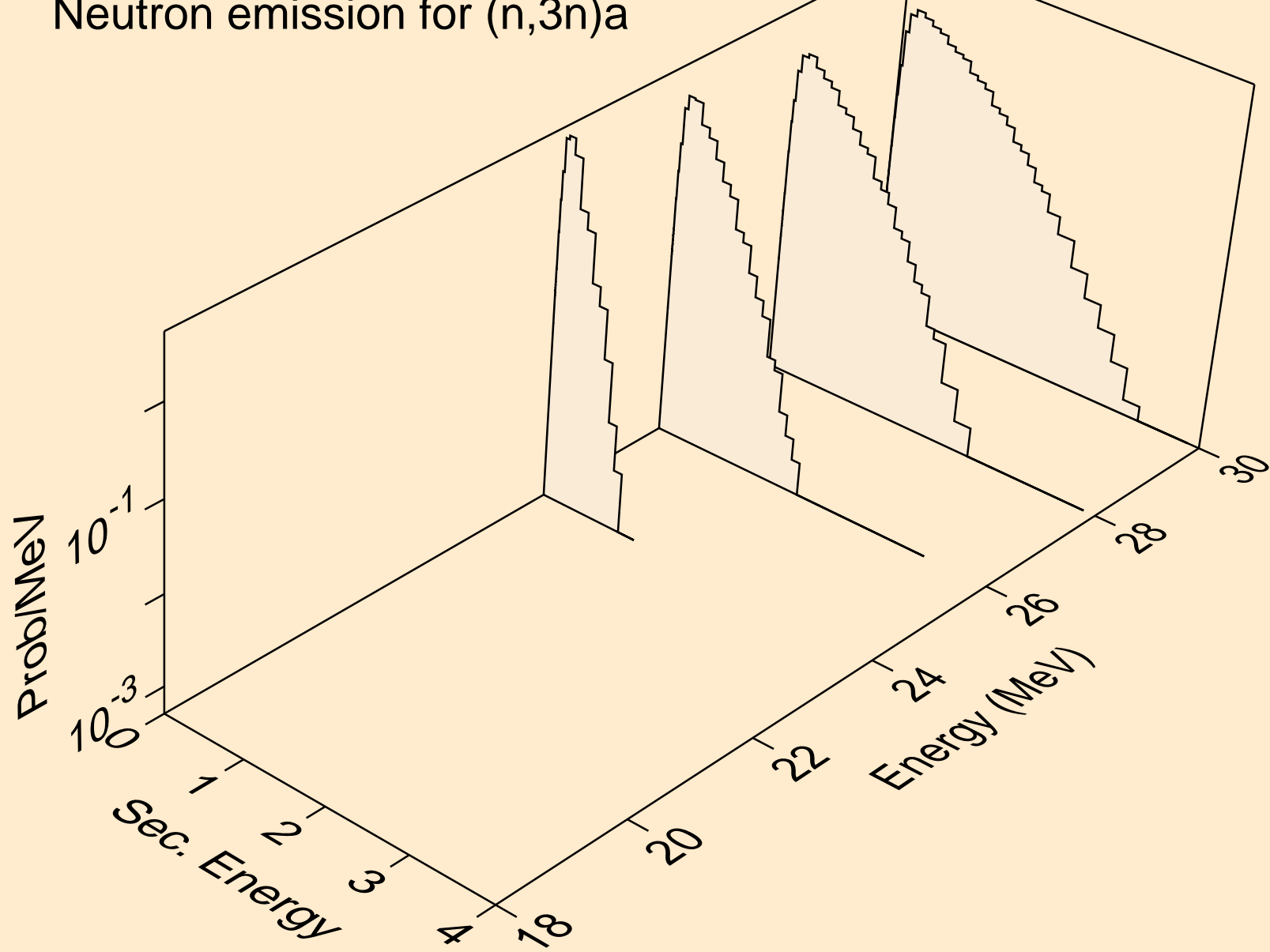
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



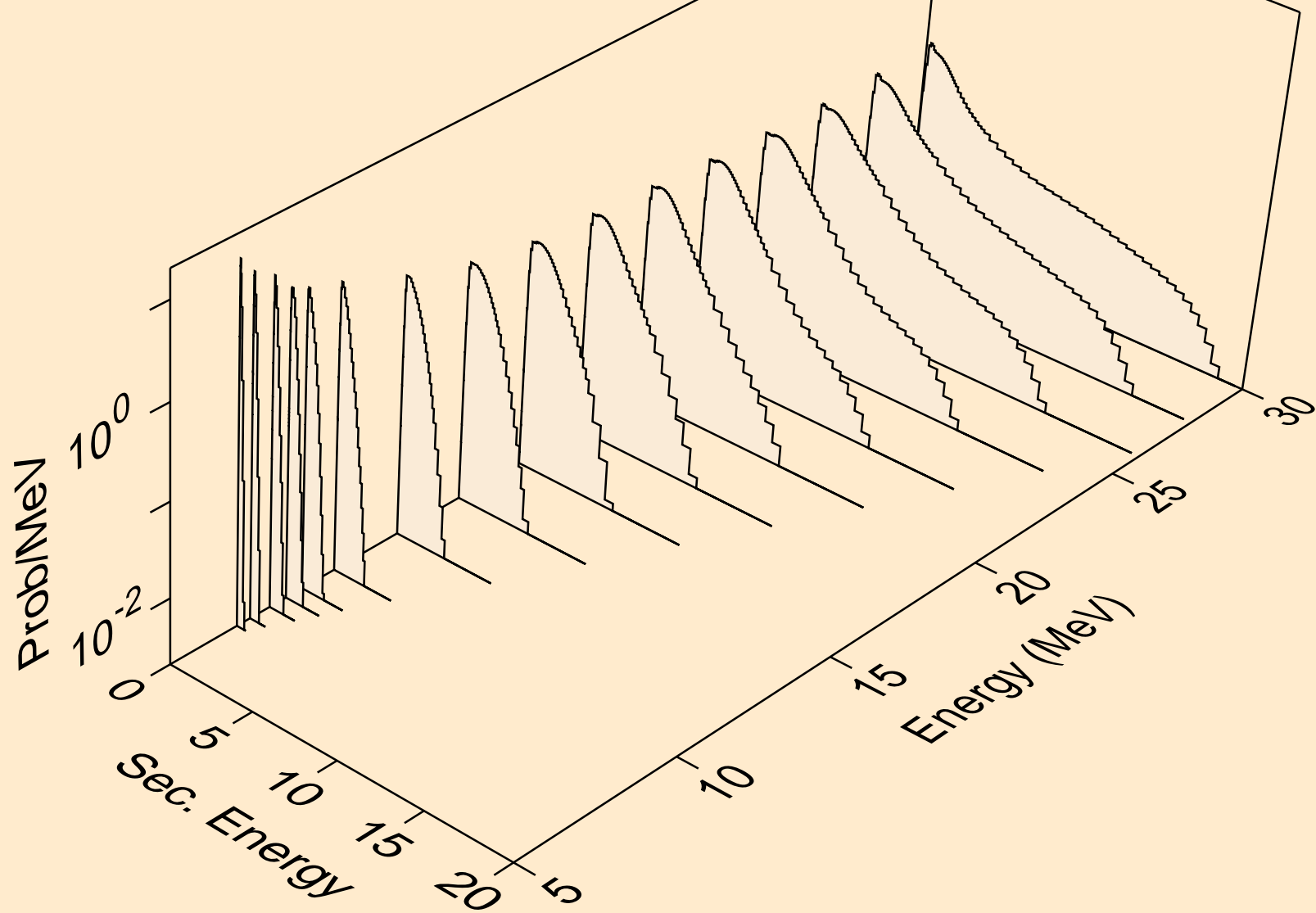
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



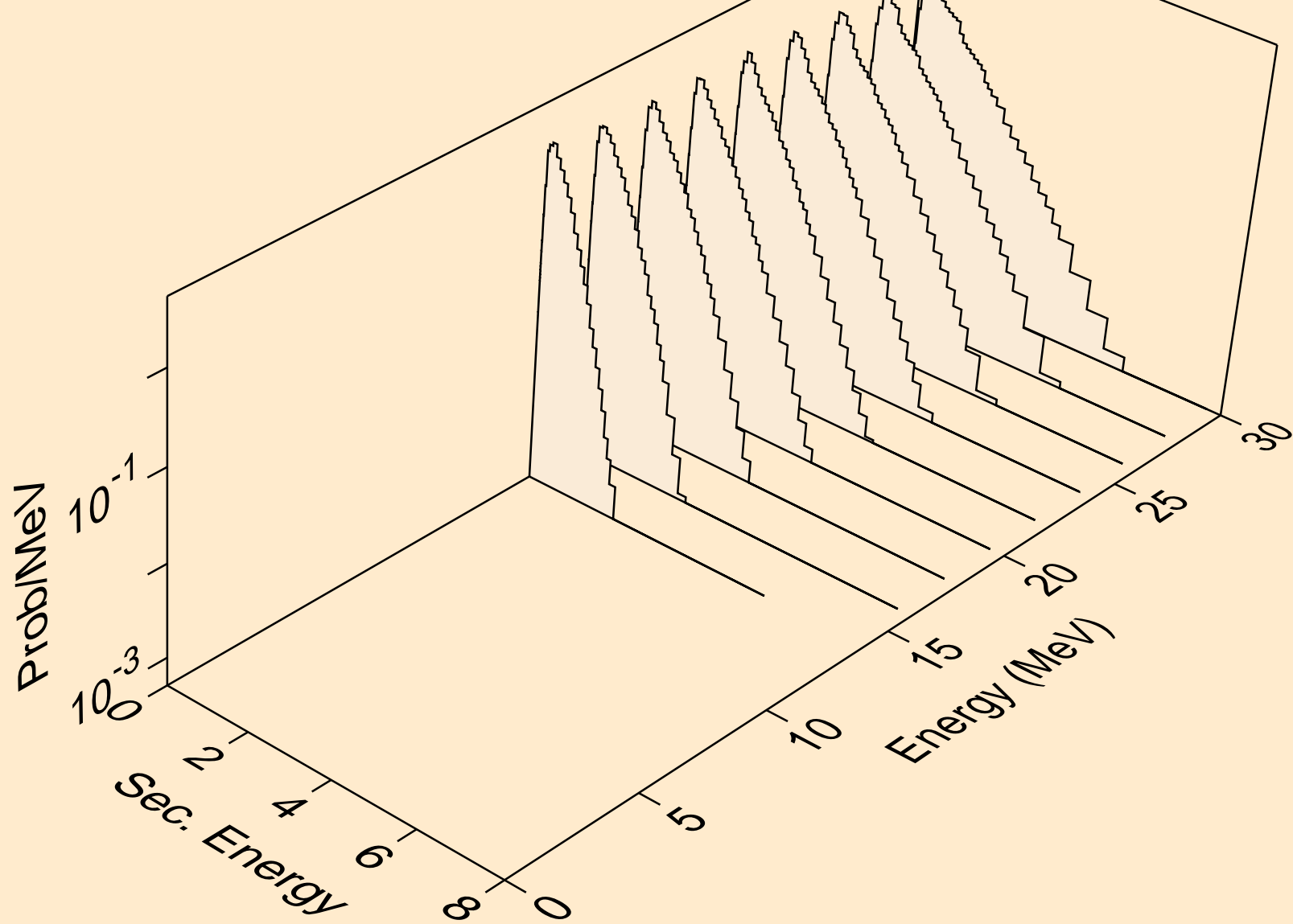
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



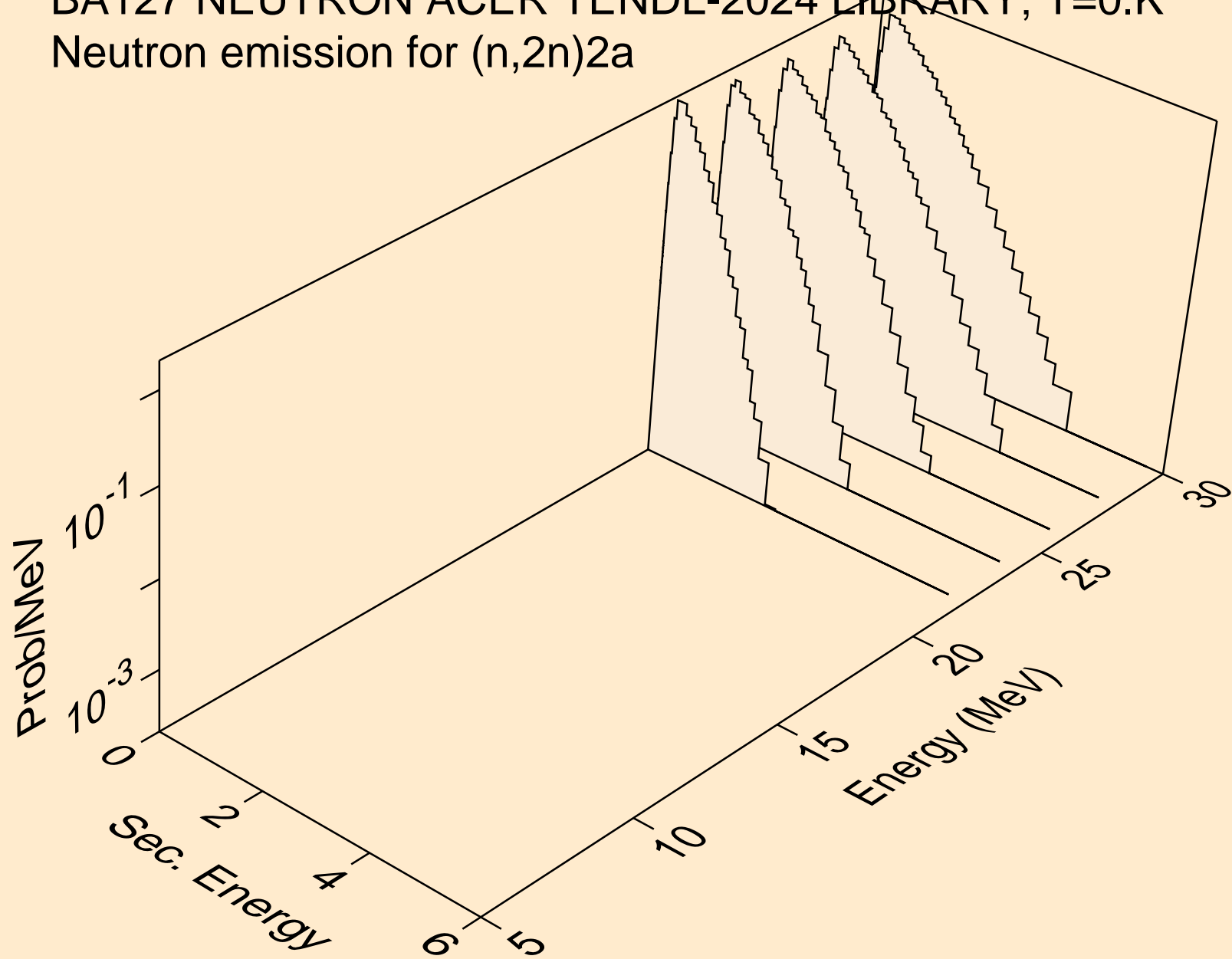
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



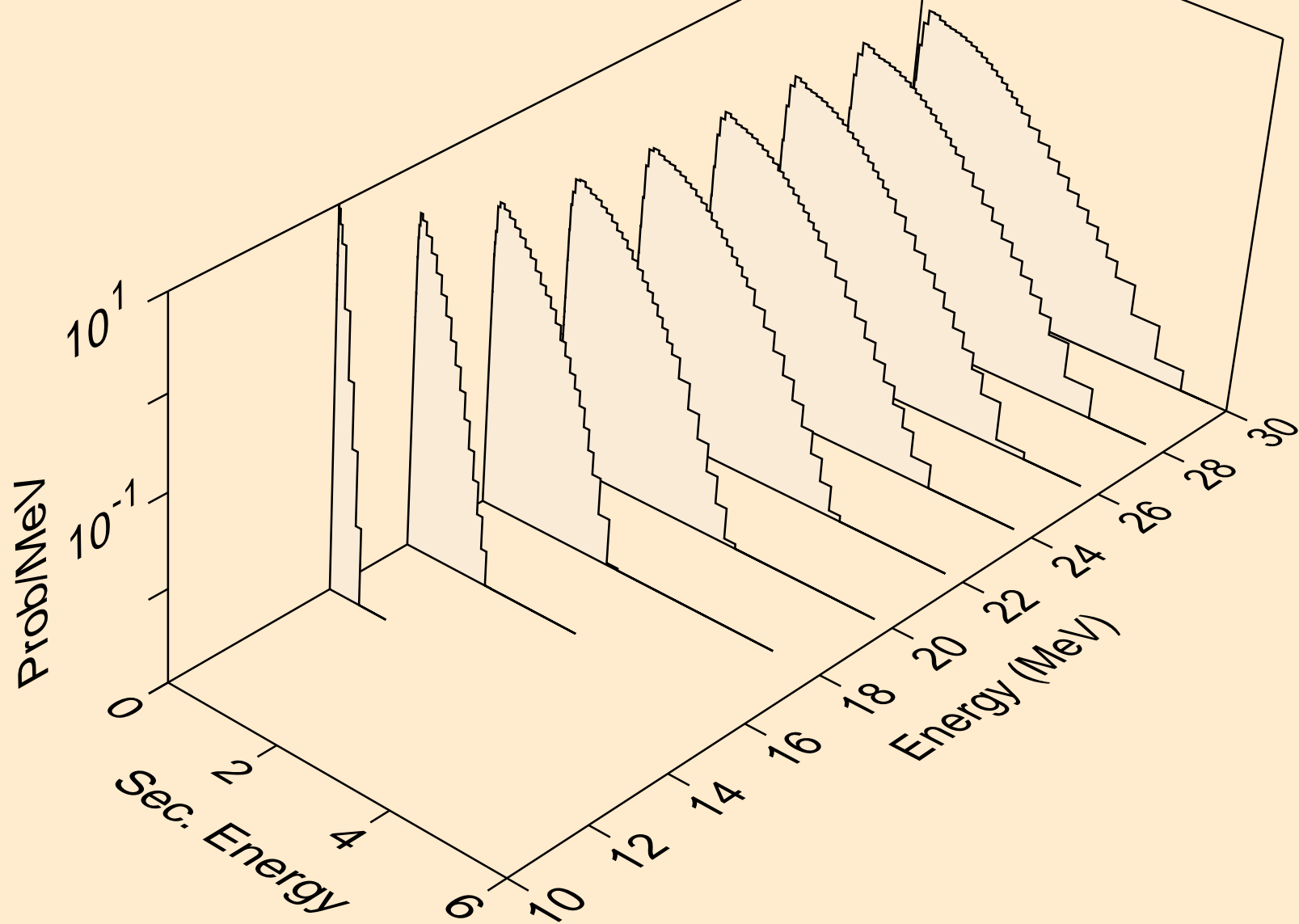
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



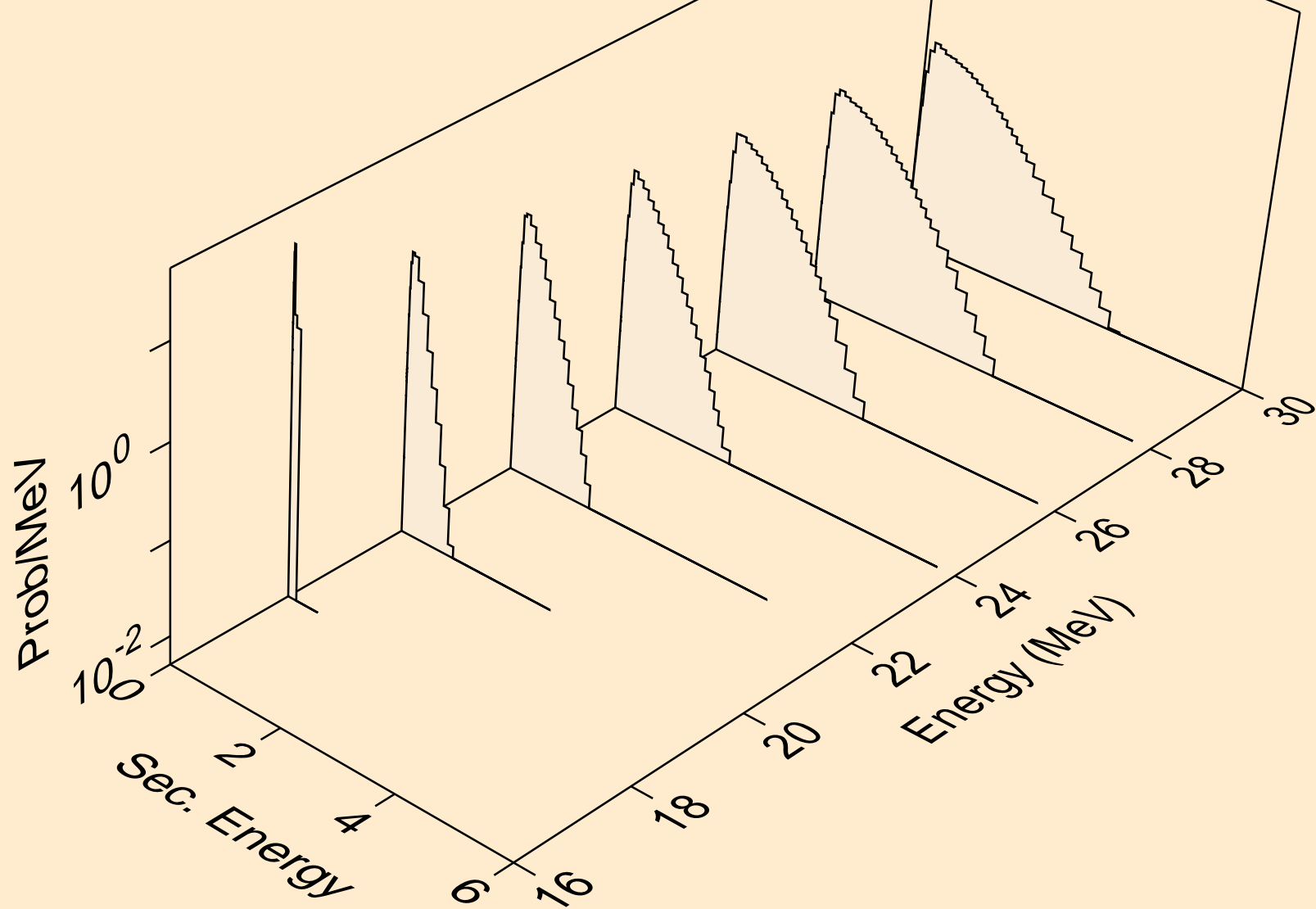
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

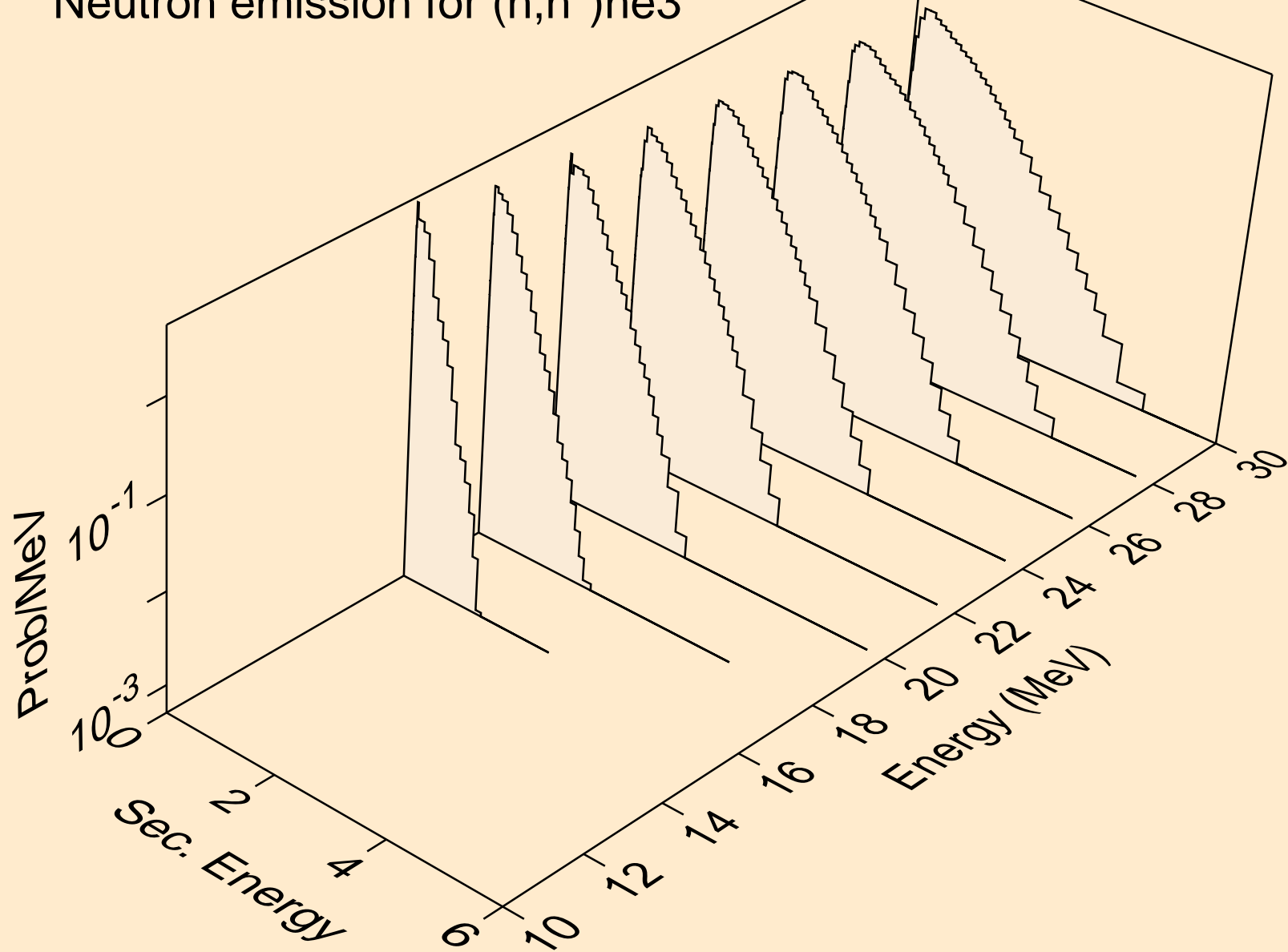


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

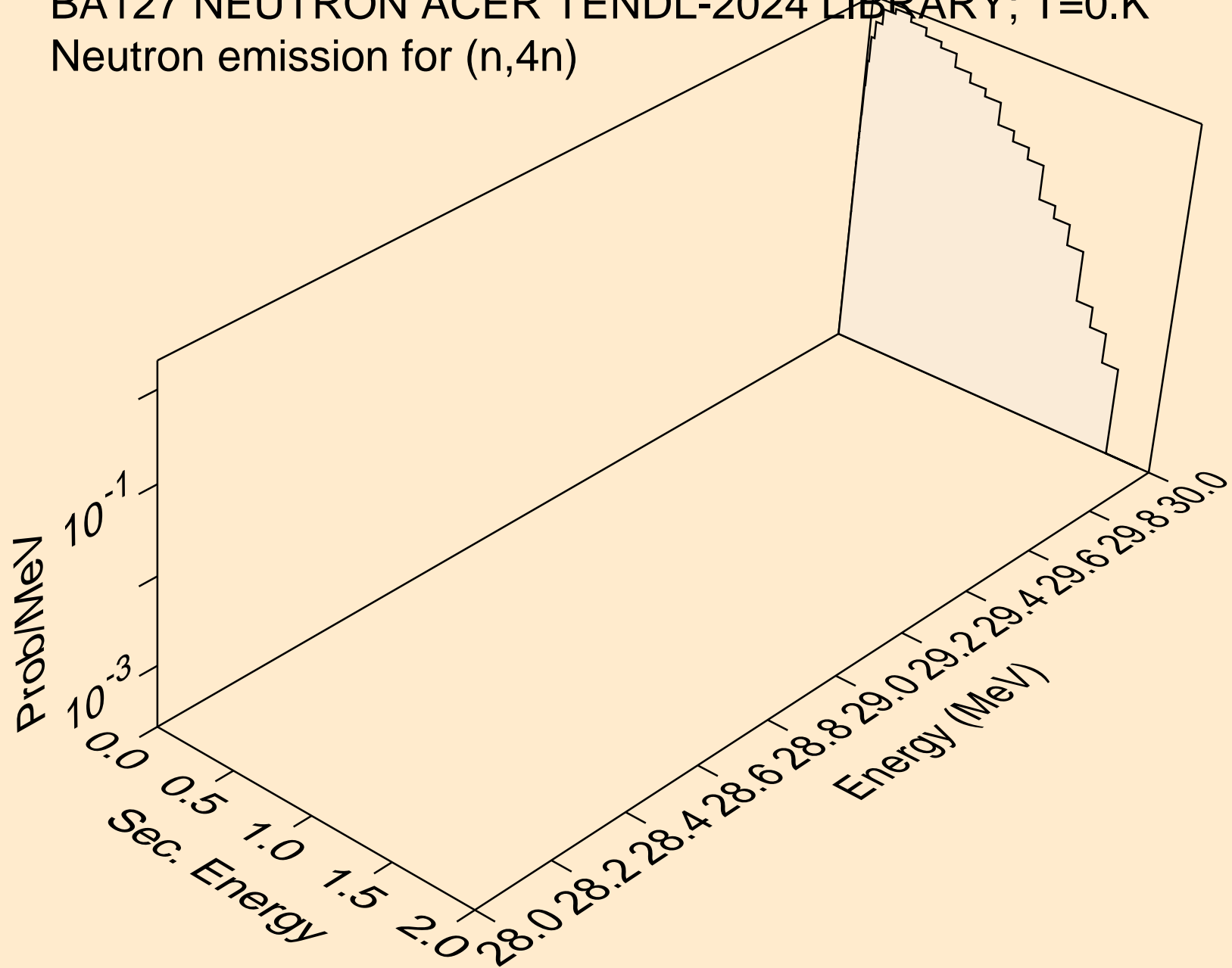




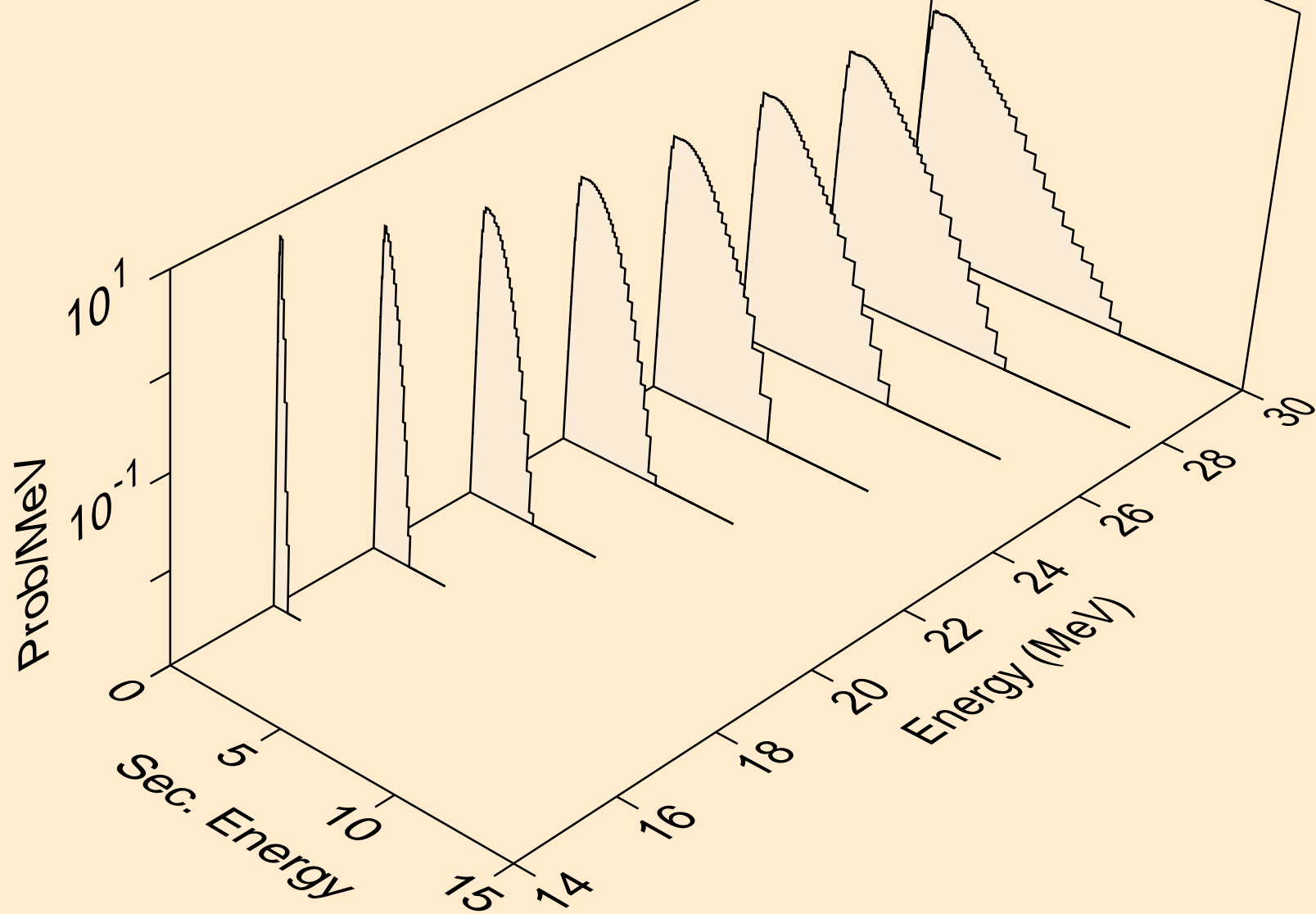
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



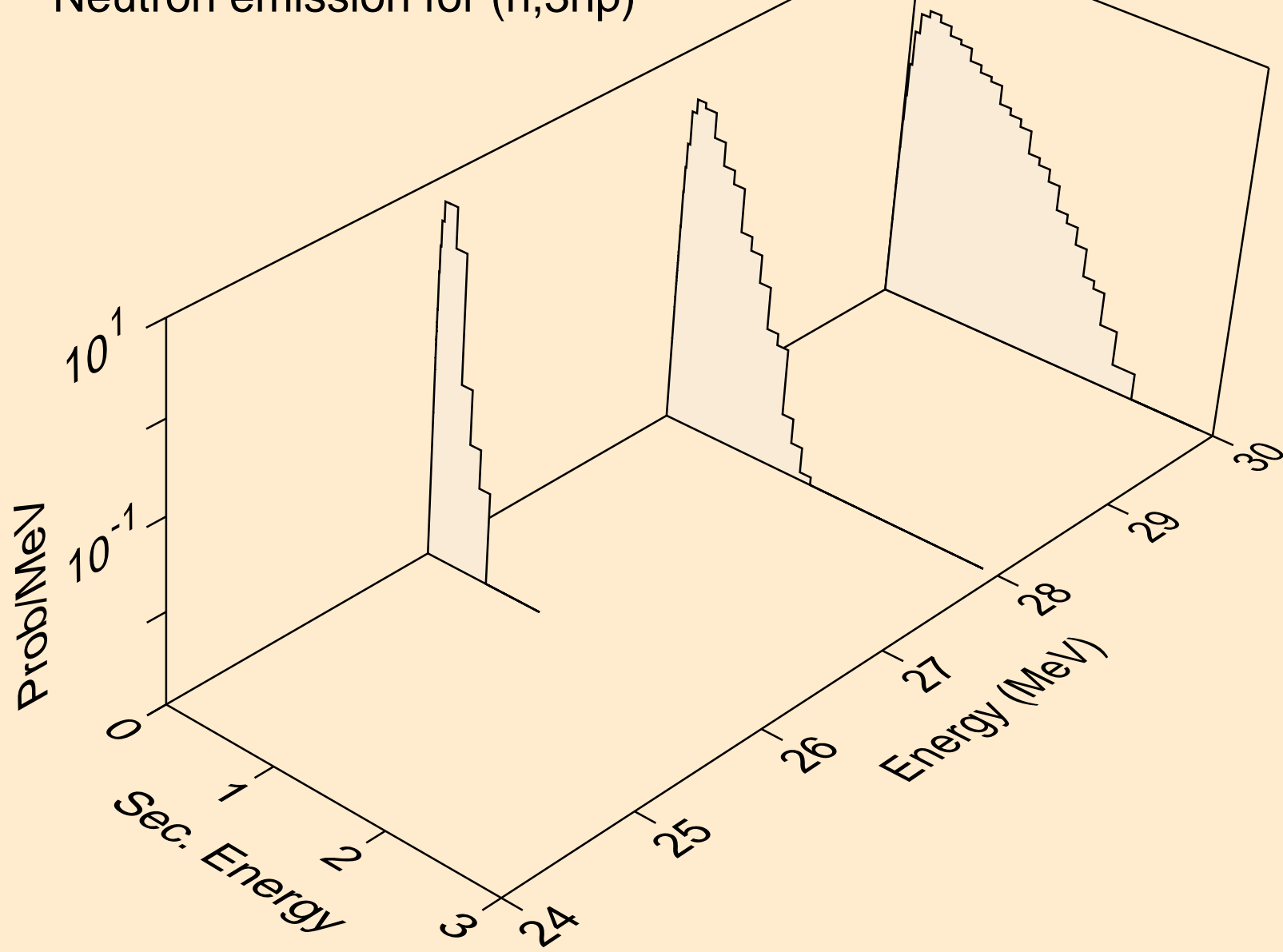
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



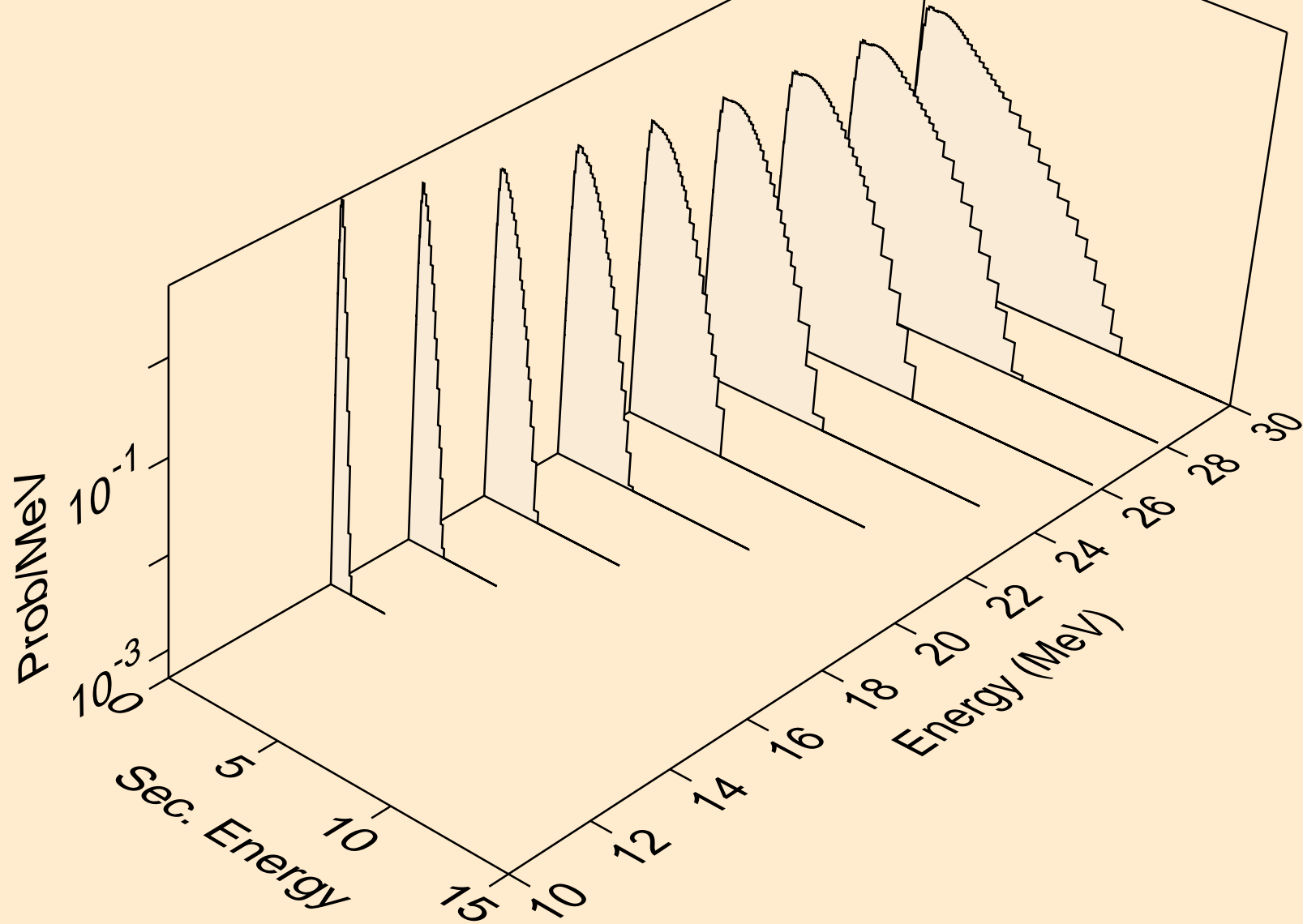
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



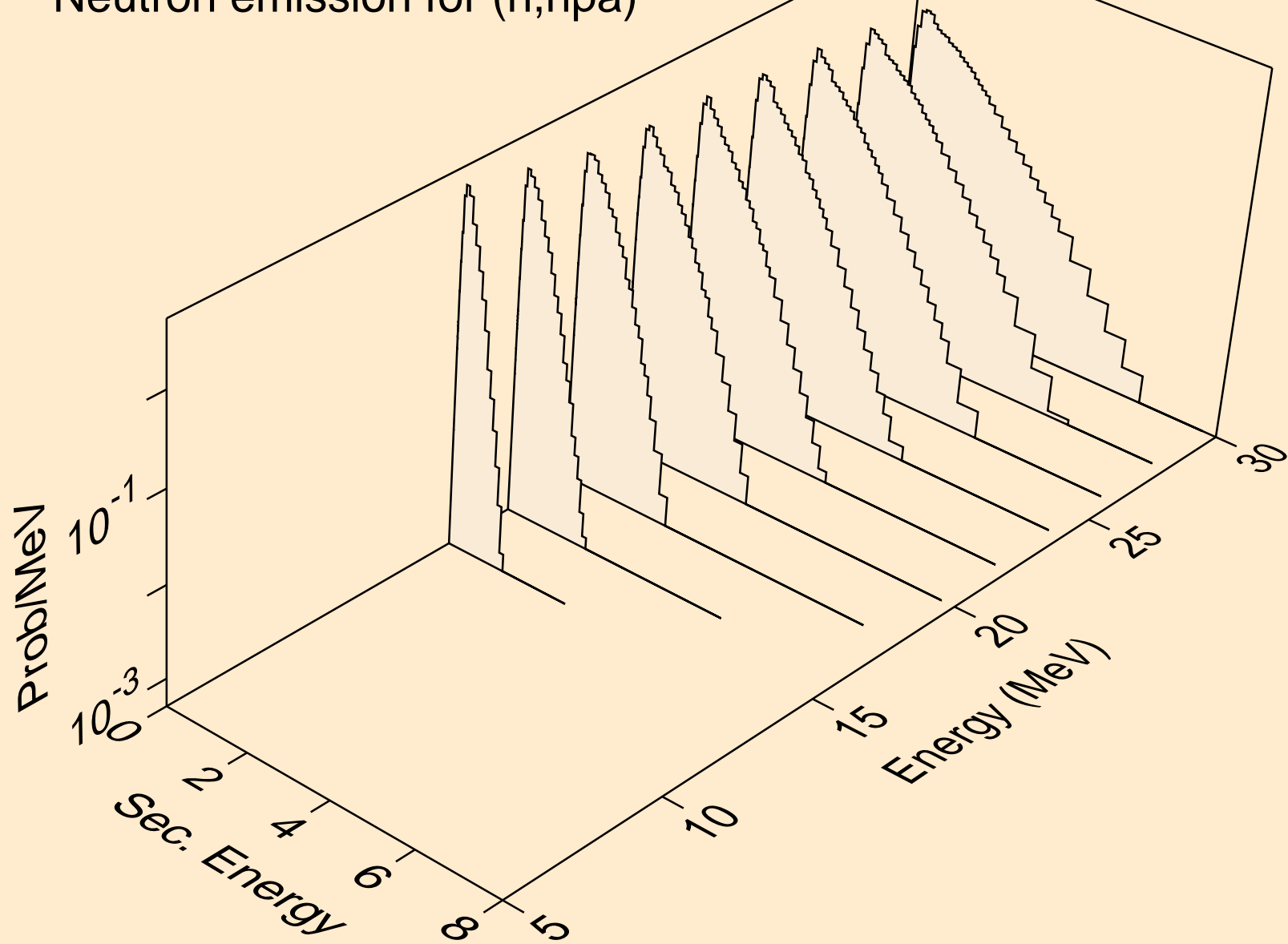
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Neutron emission for (n,3np)



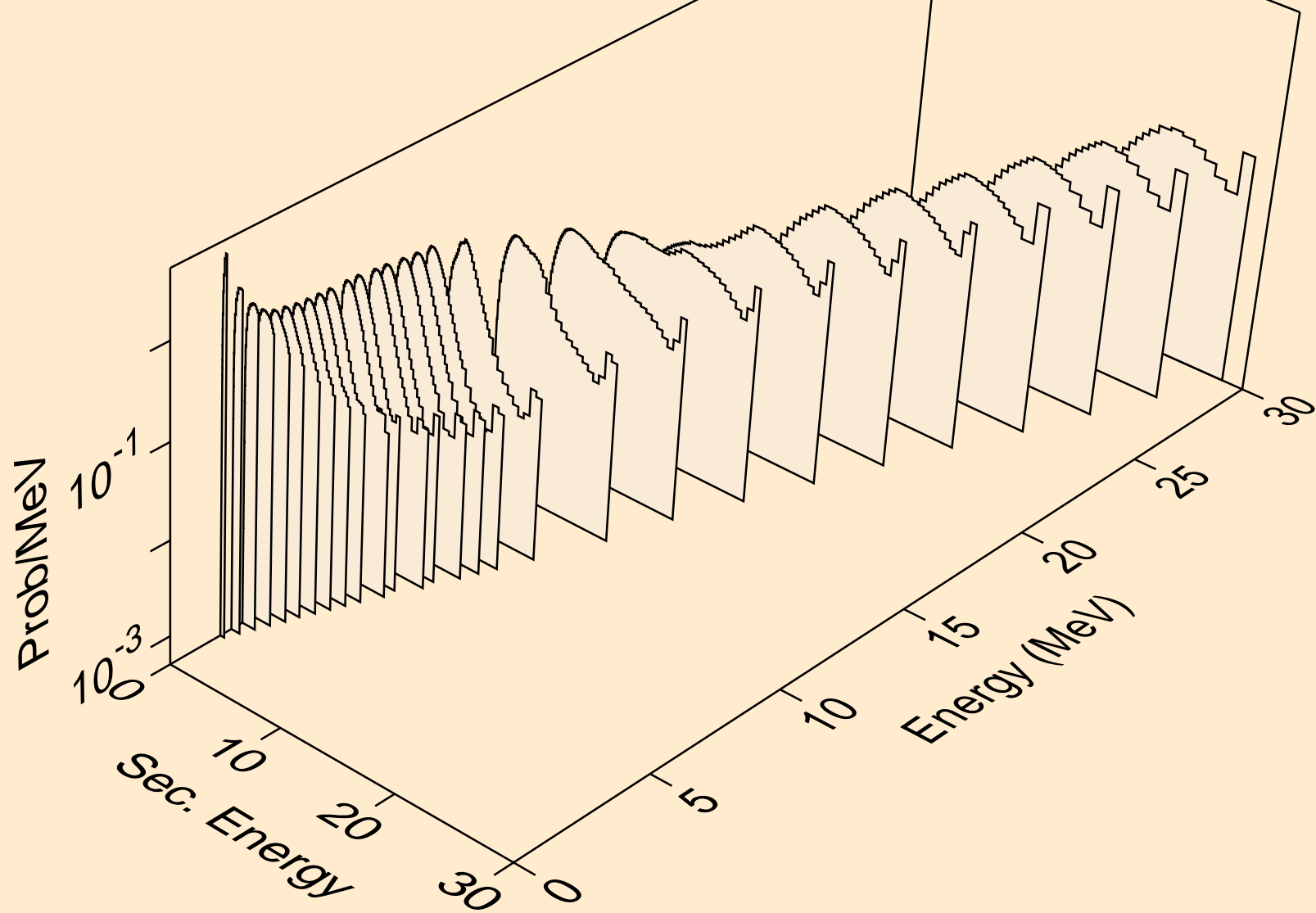
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



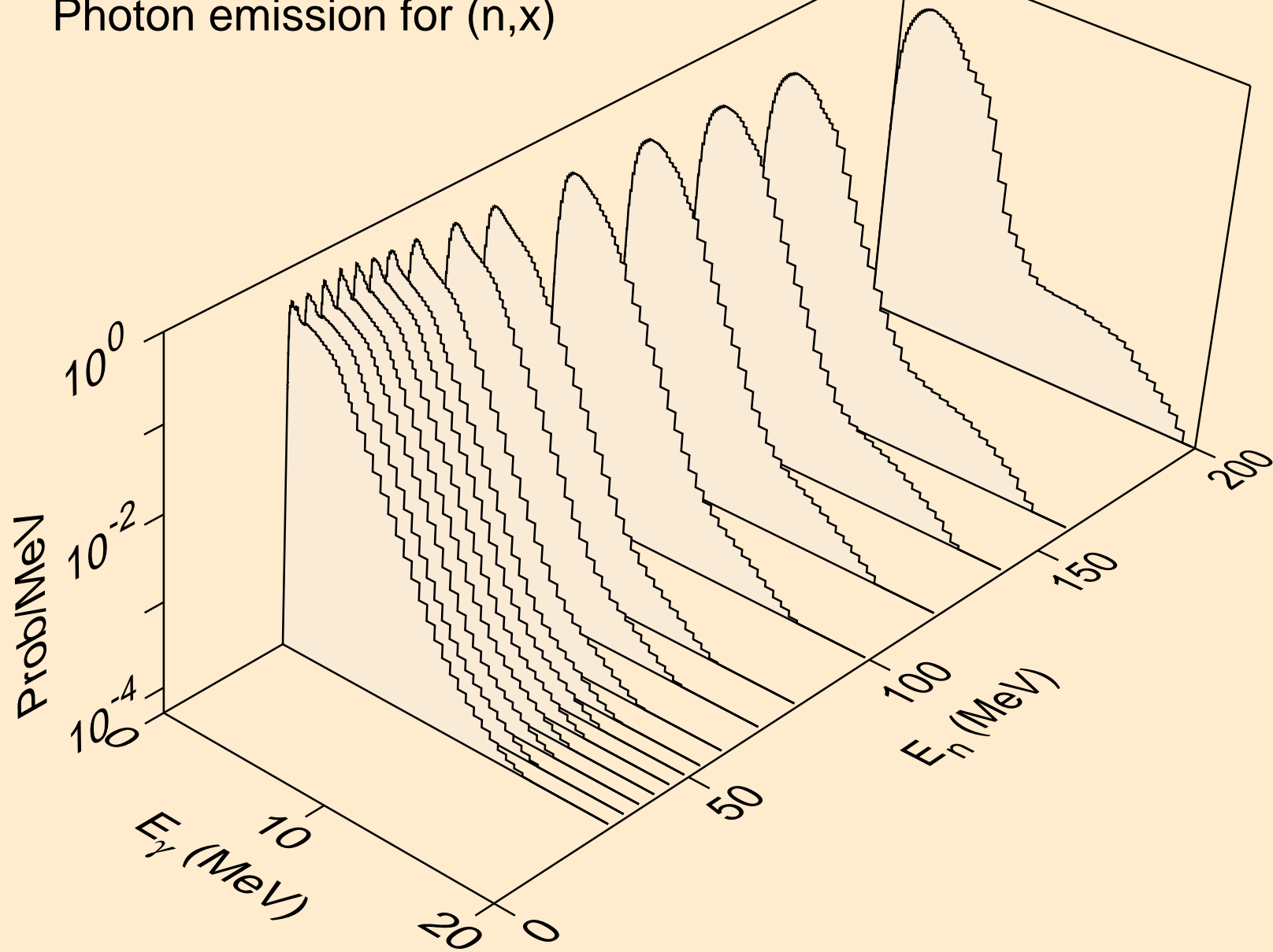
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

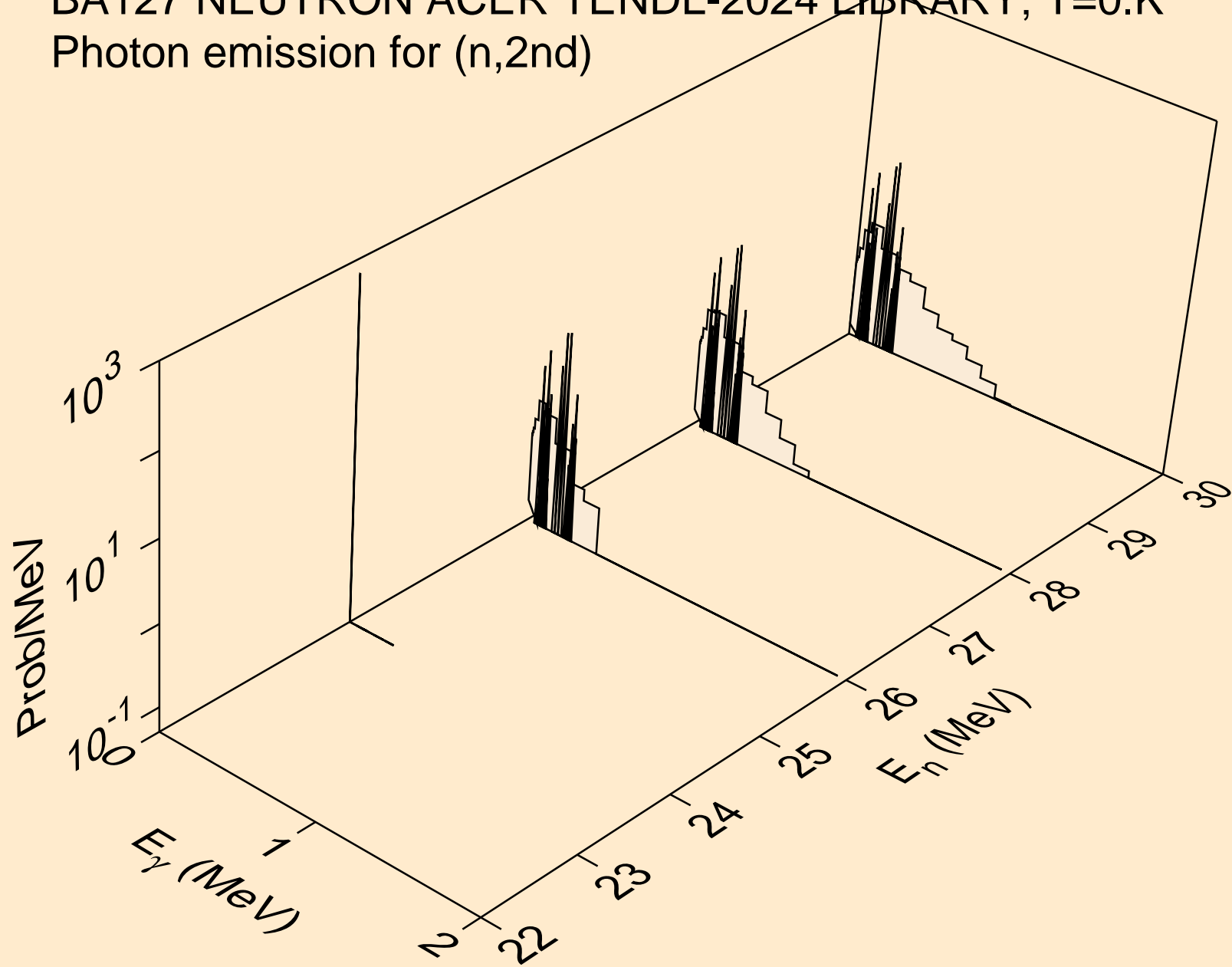


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

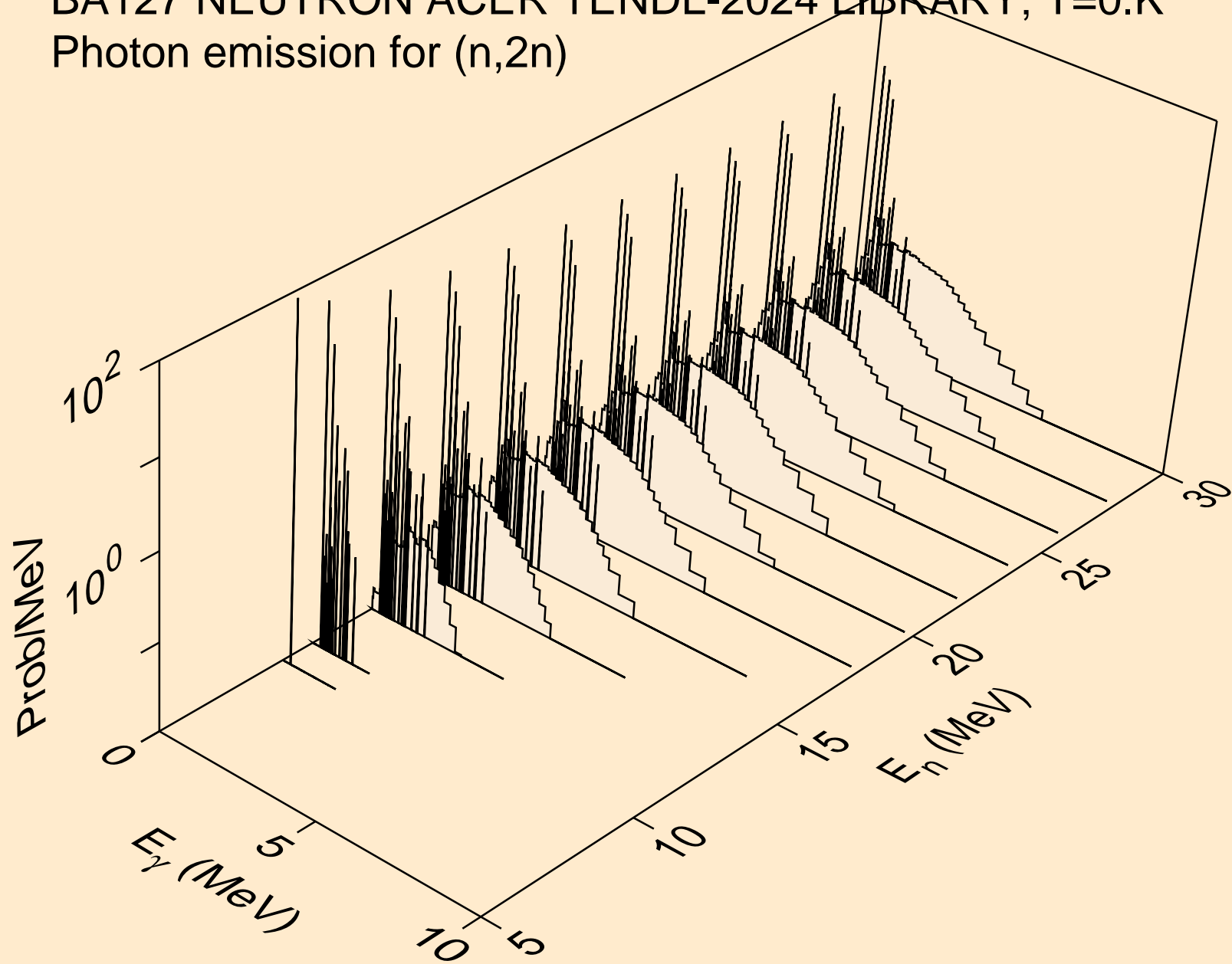




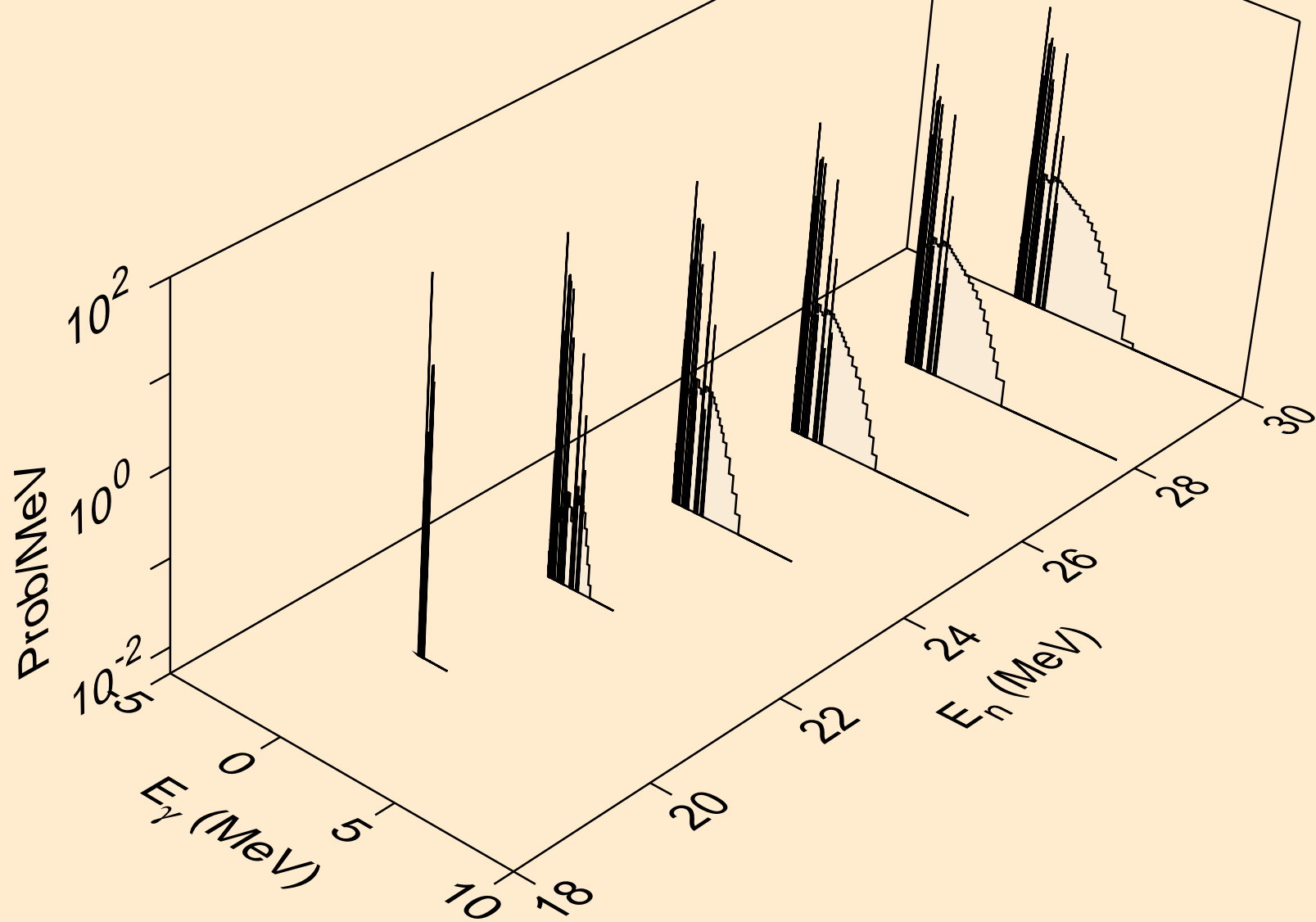
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



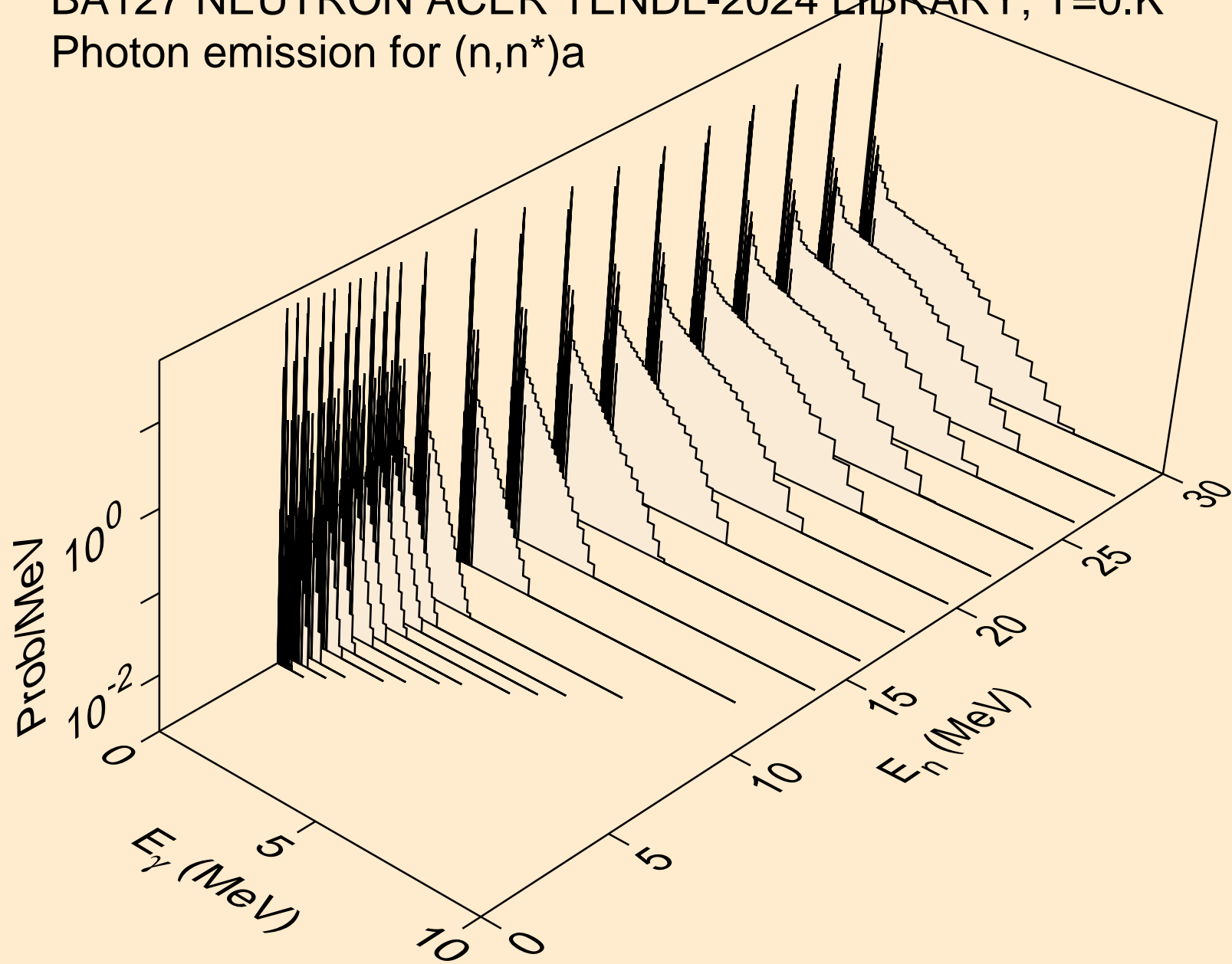
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



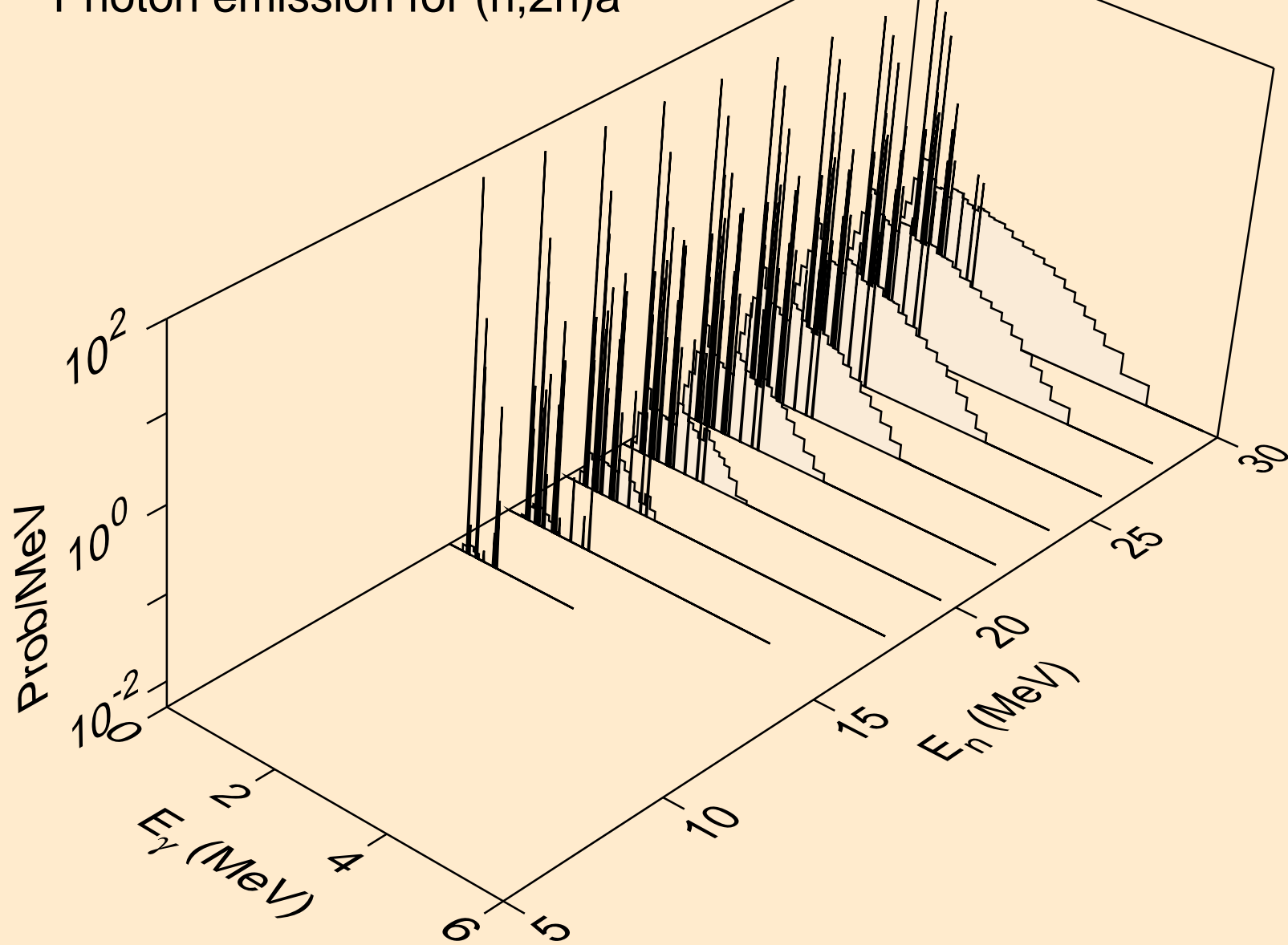
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



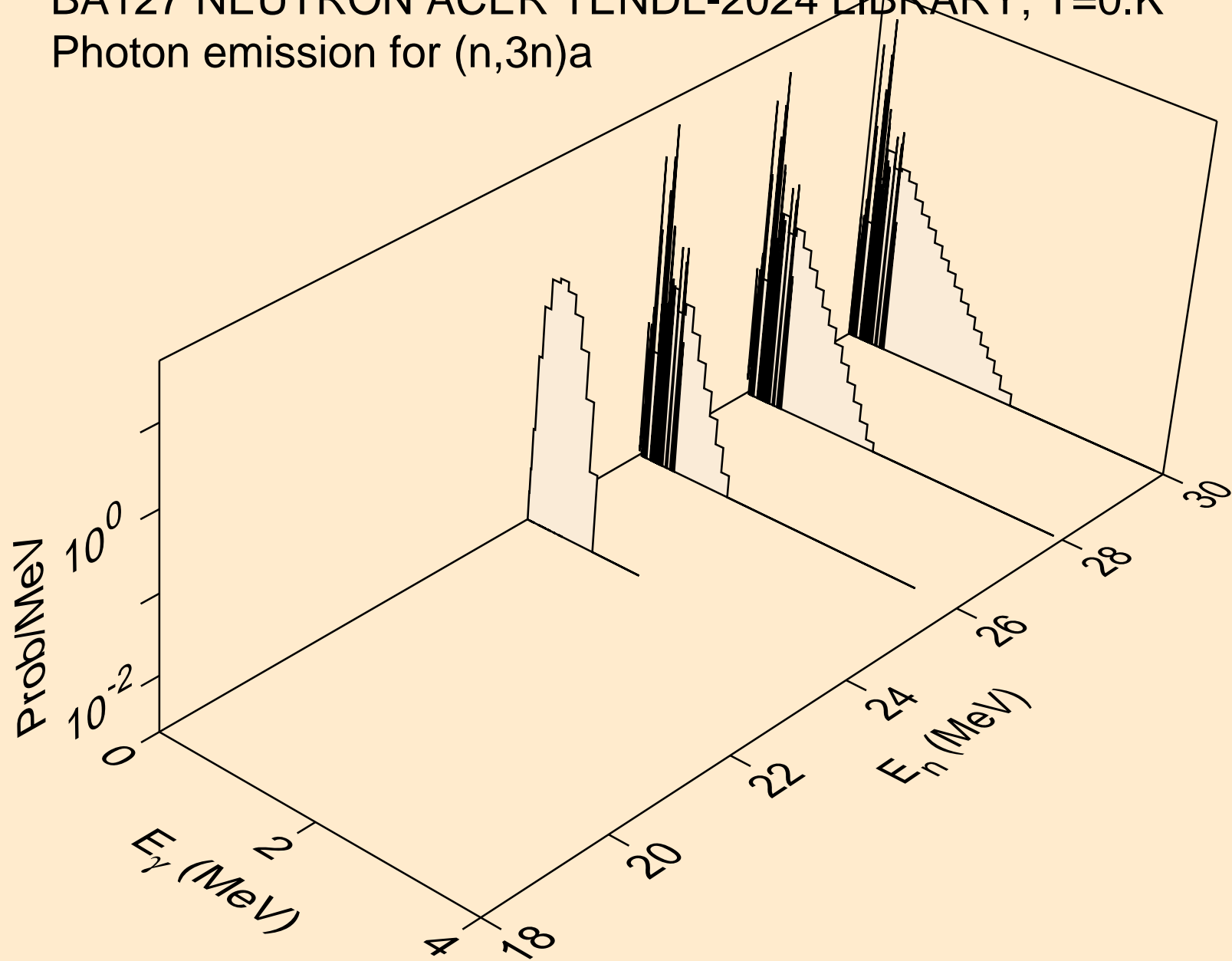
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



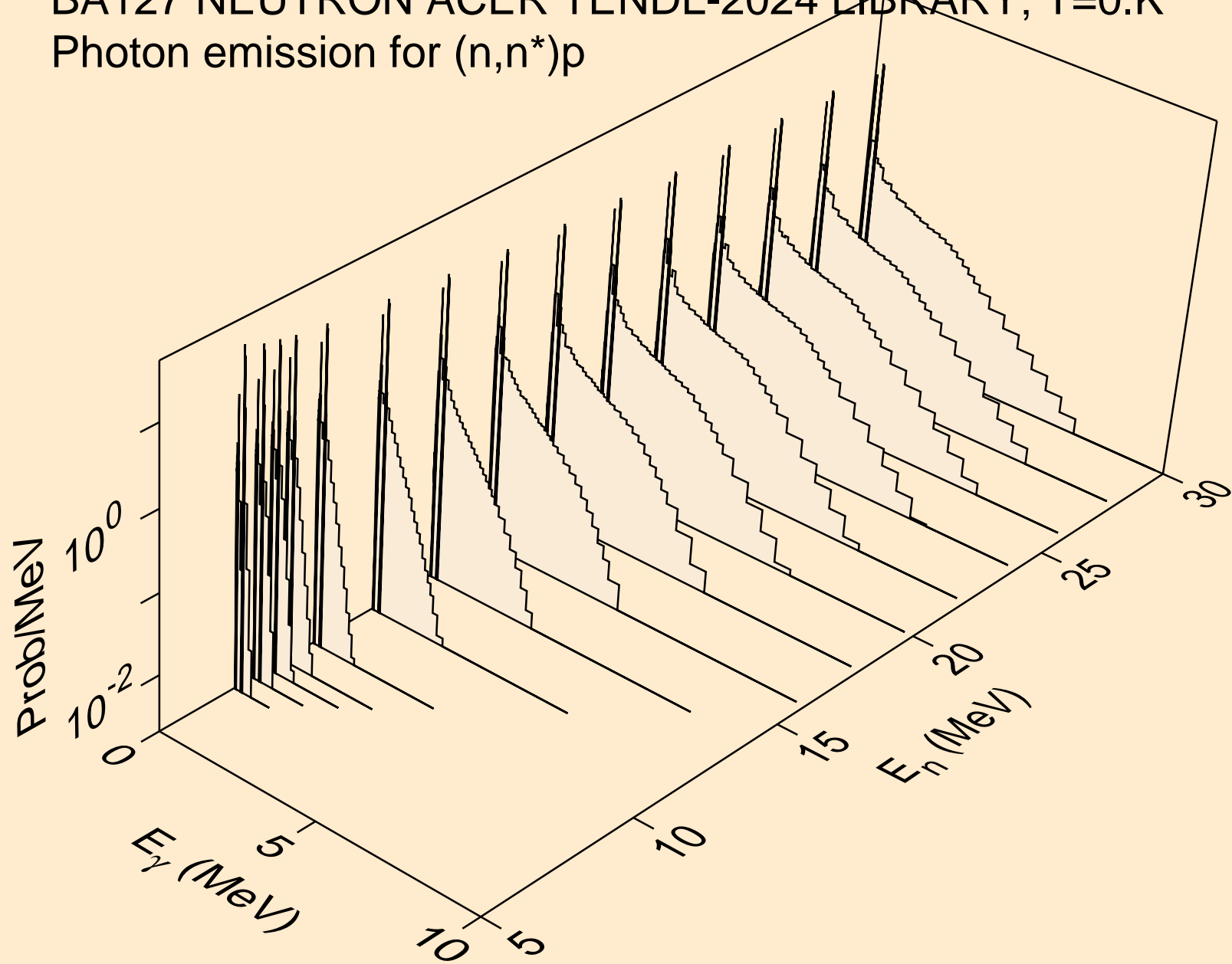
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



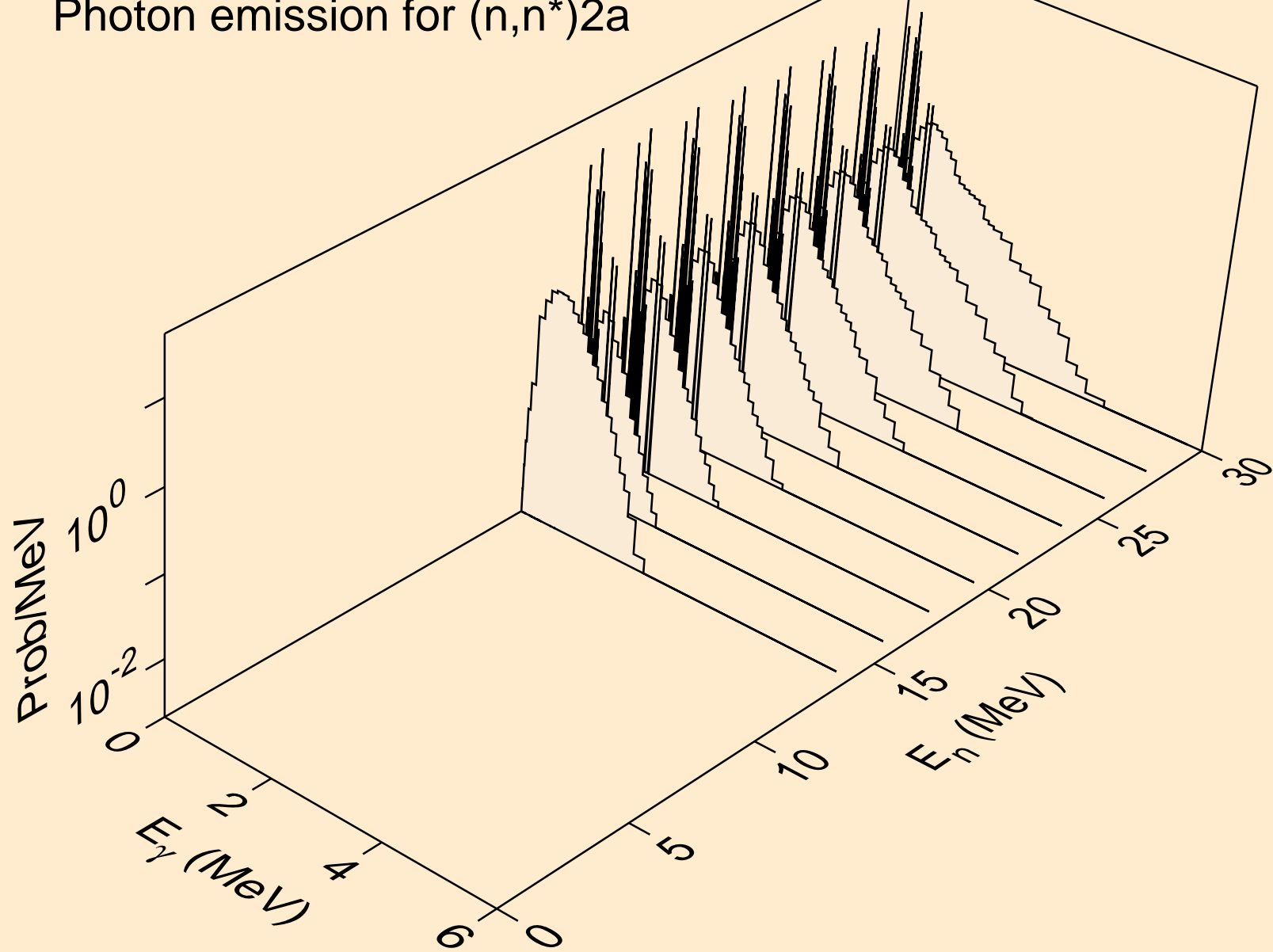
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

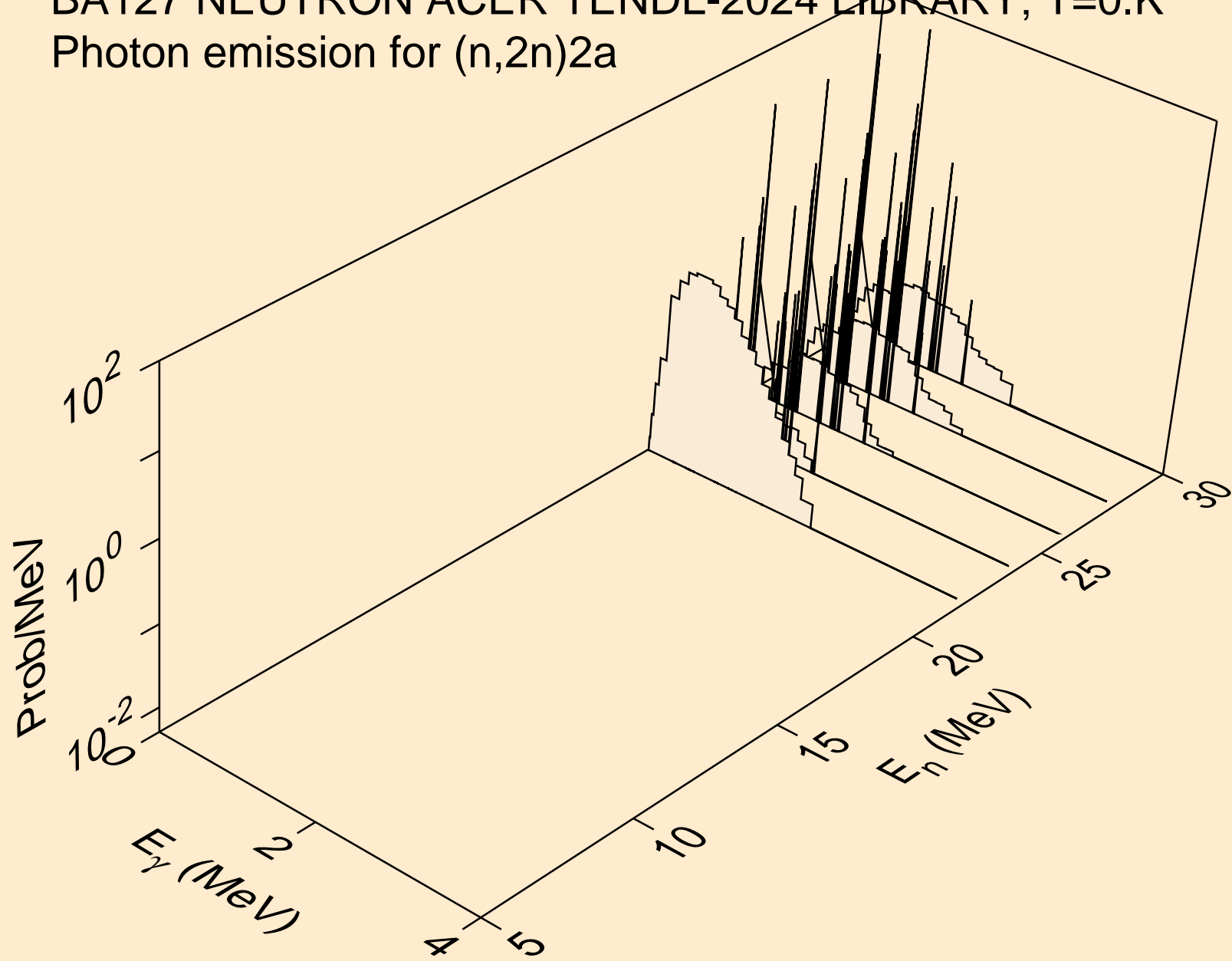


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

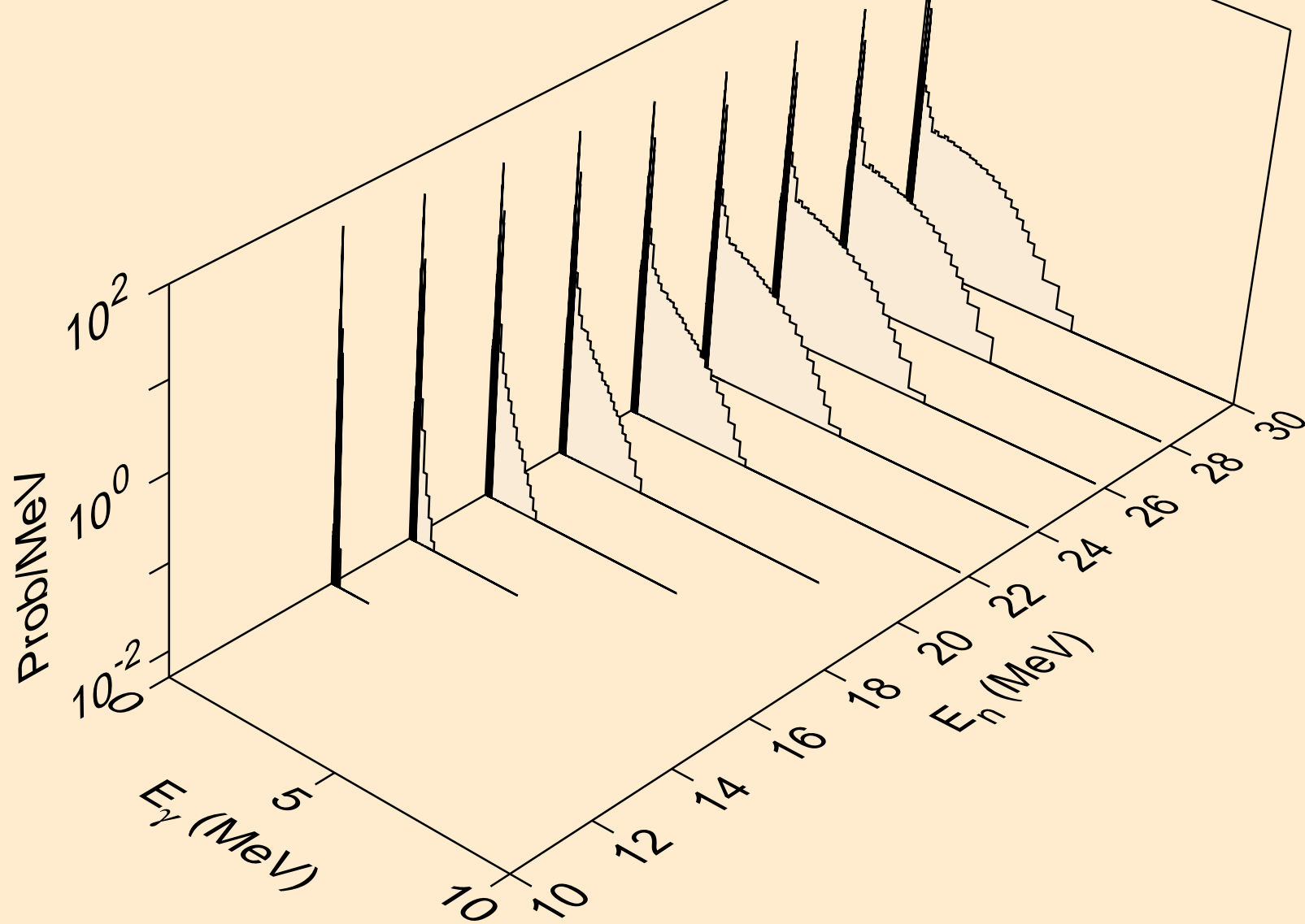




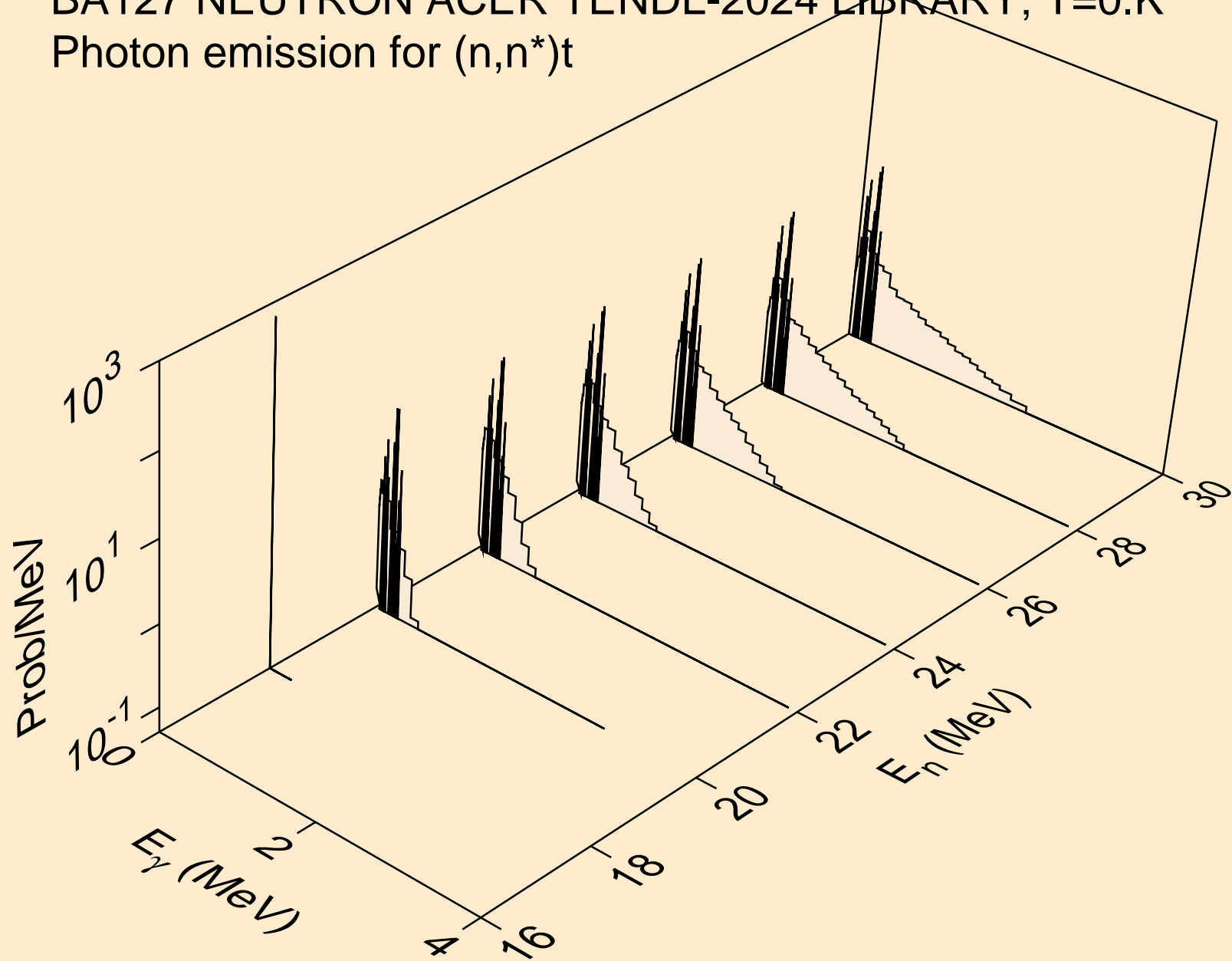
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



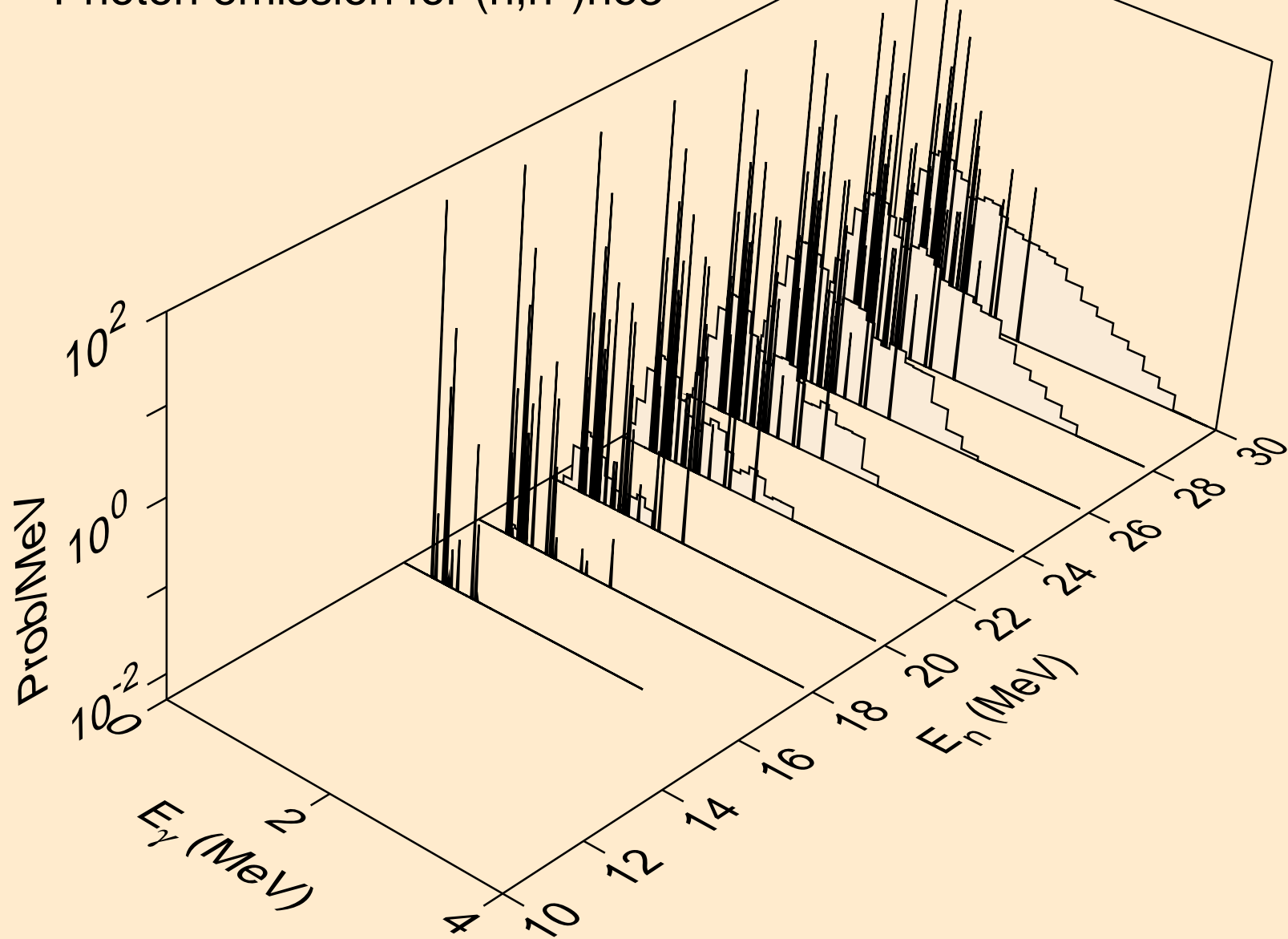
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



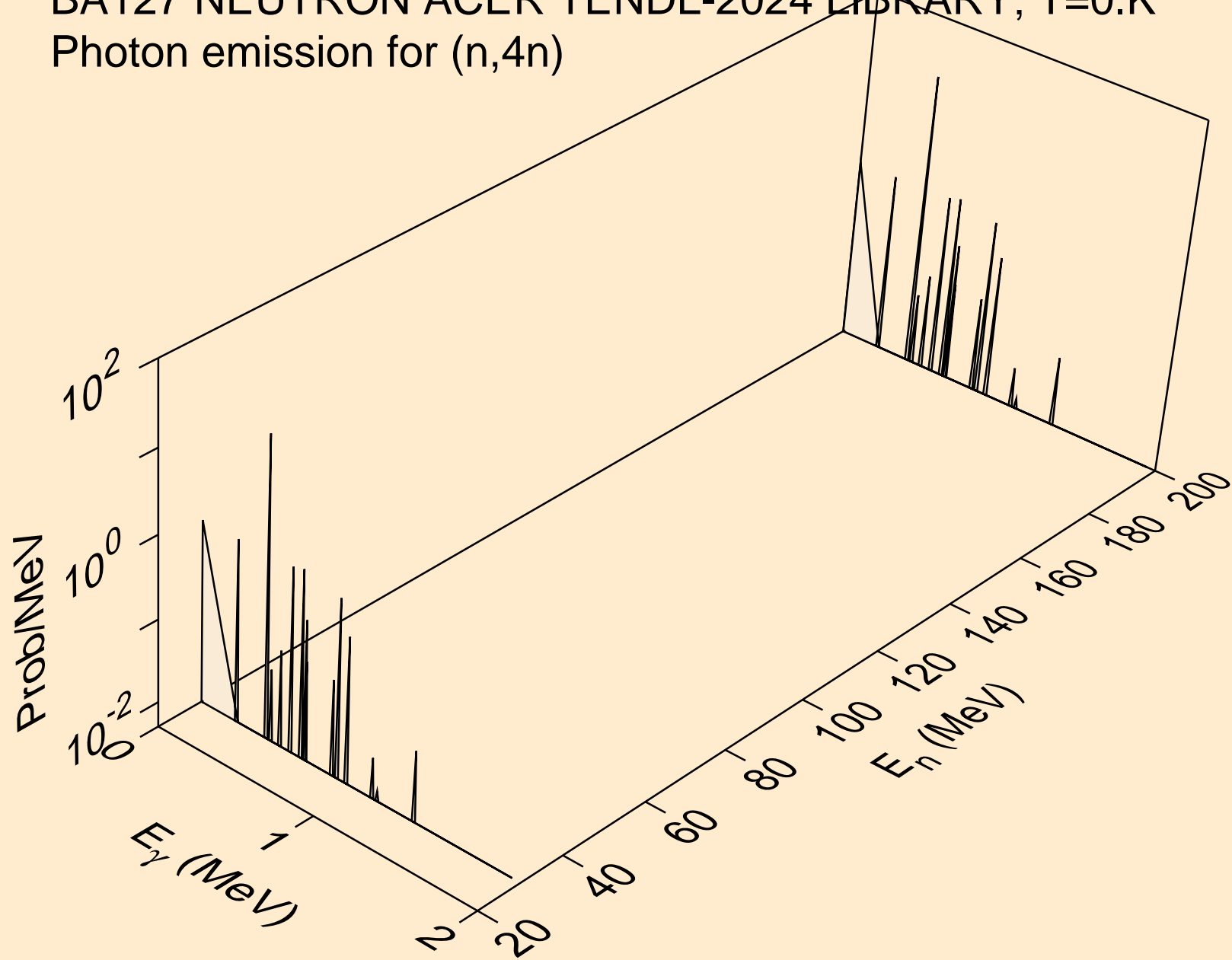
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



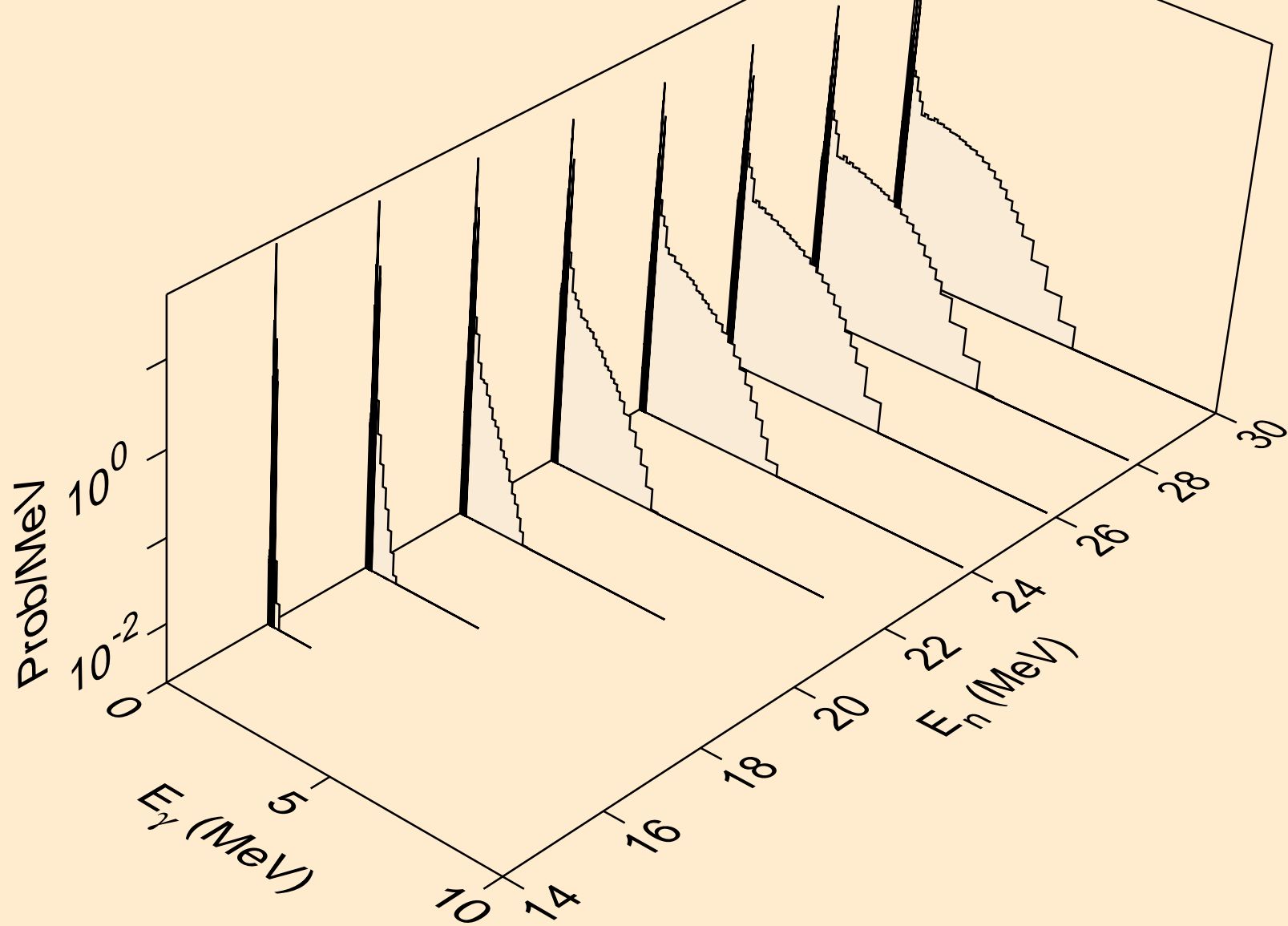
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



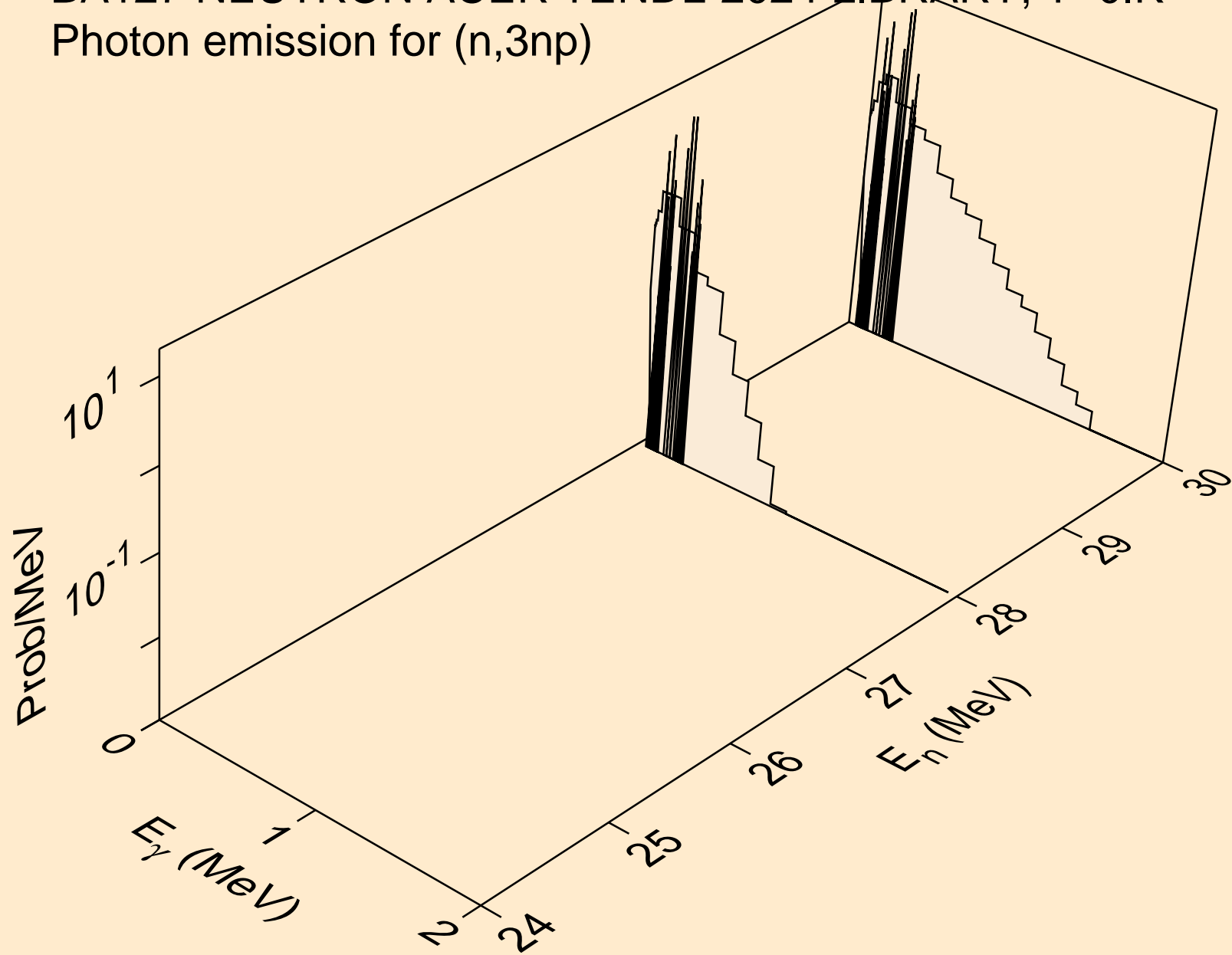
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



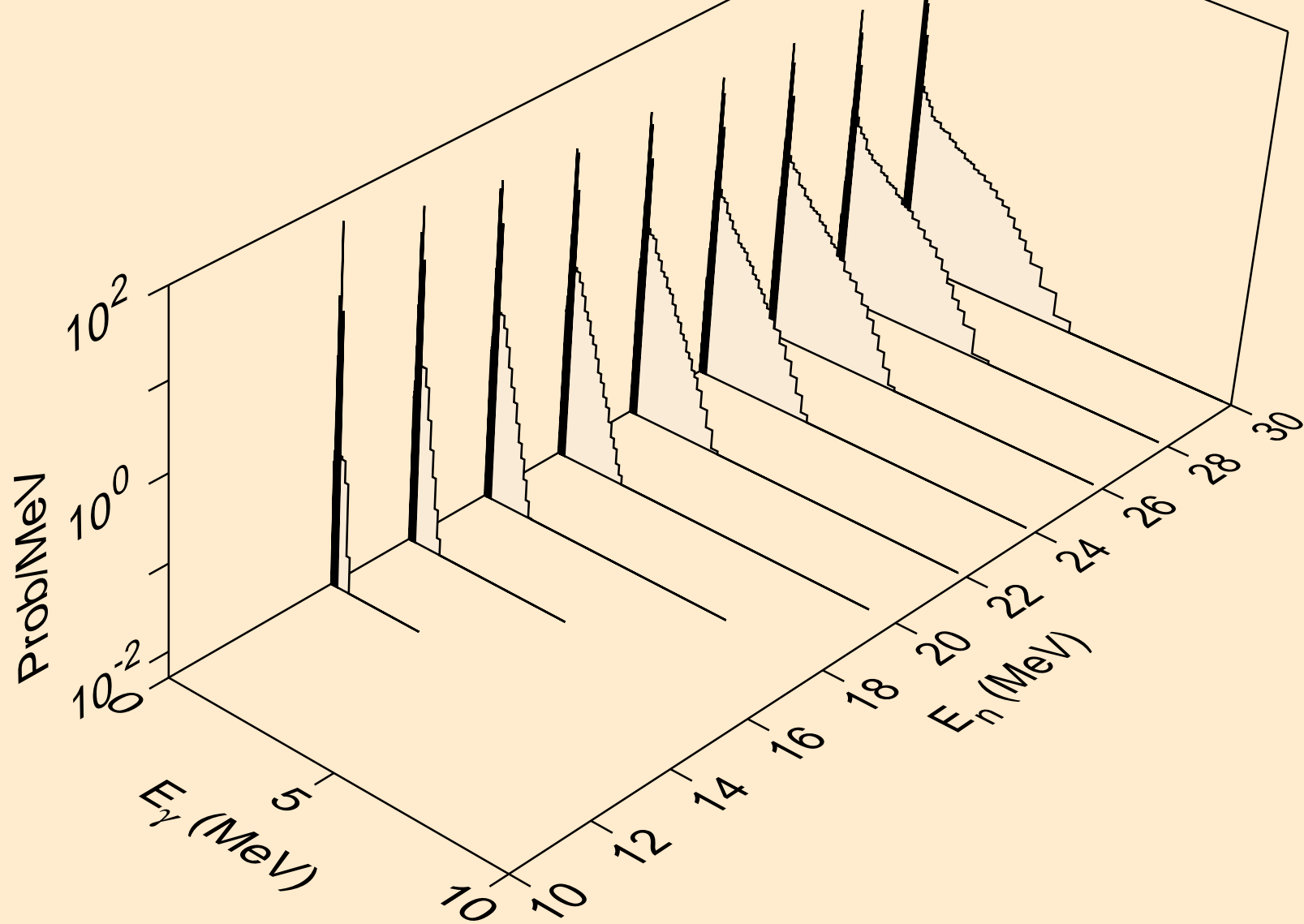
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

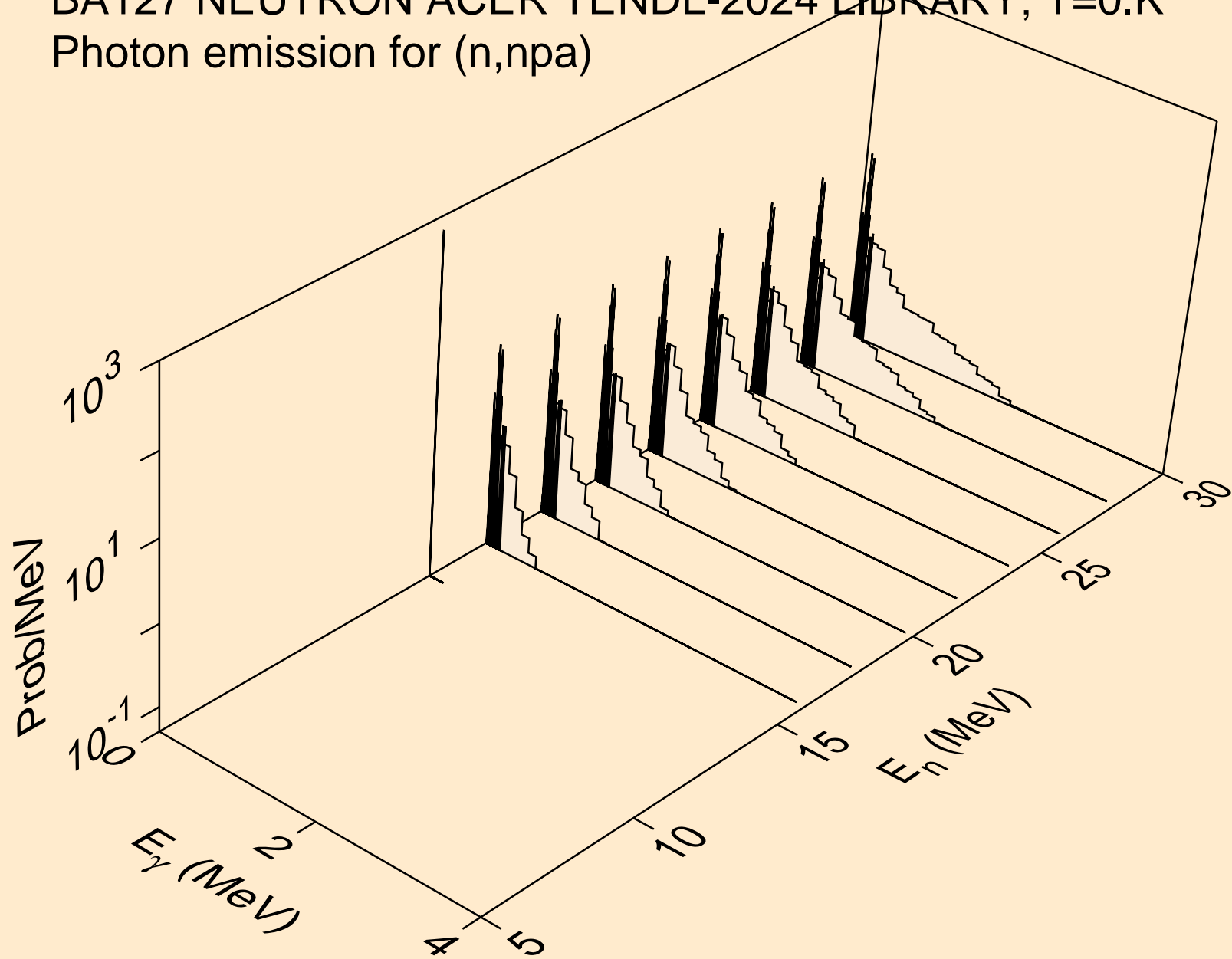


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Photon emission for (n,n2p)

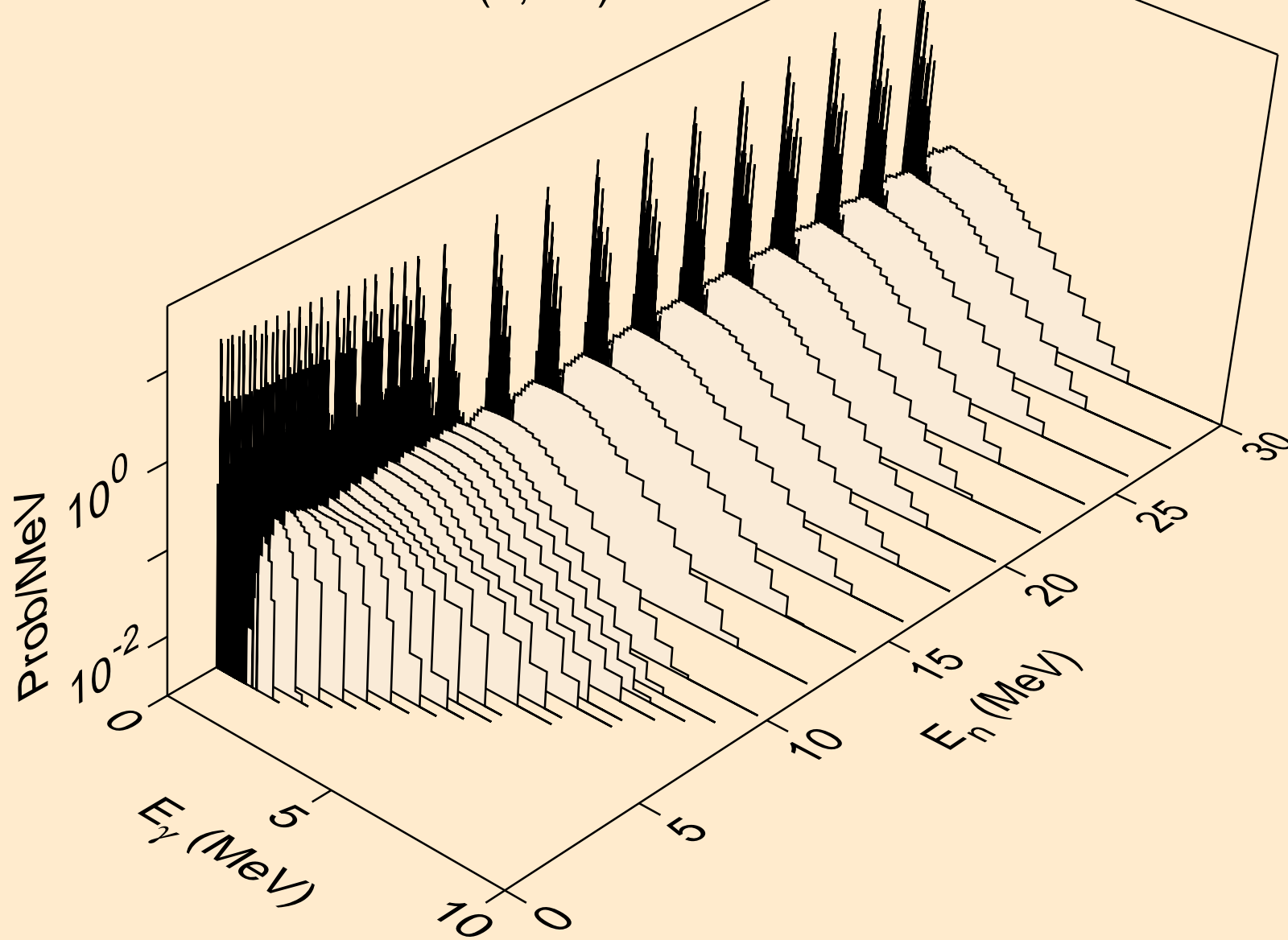




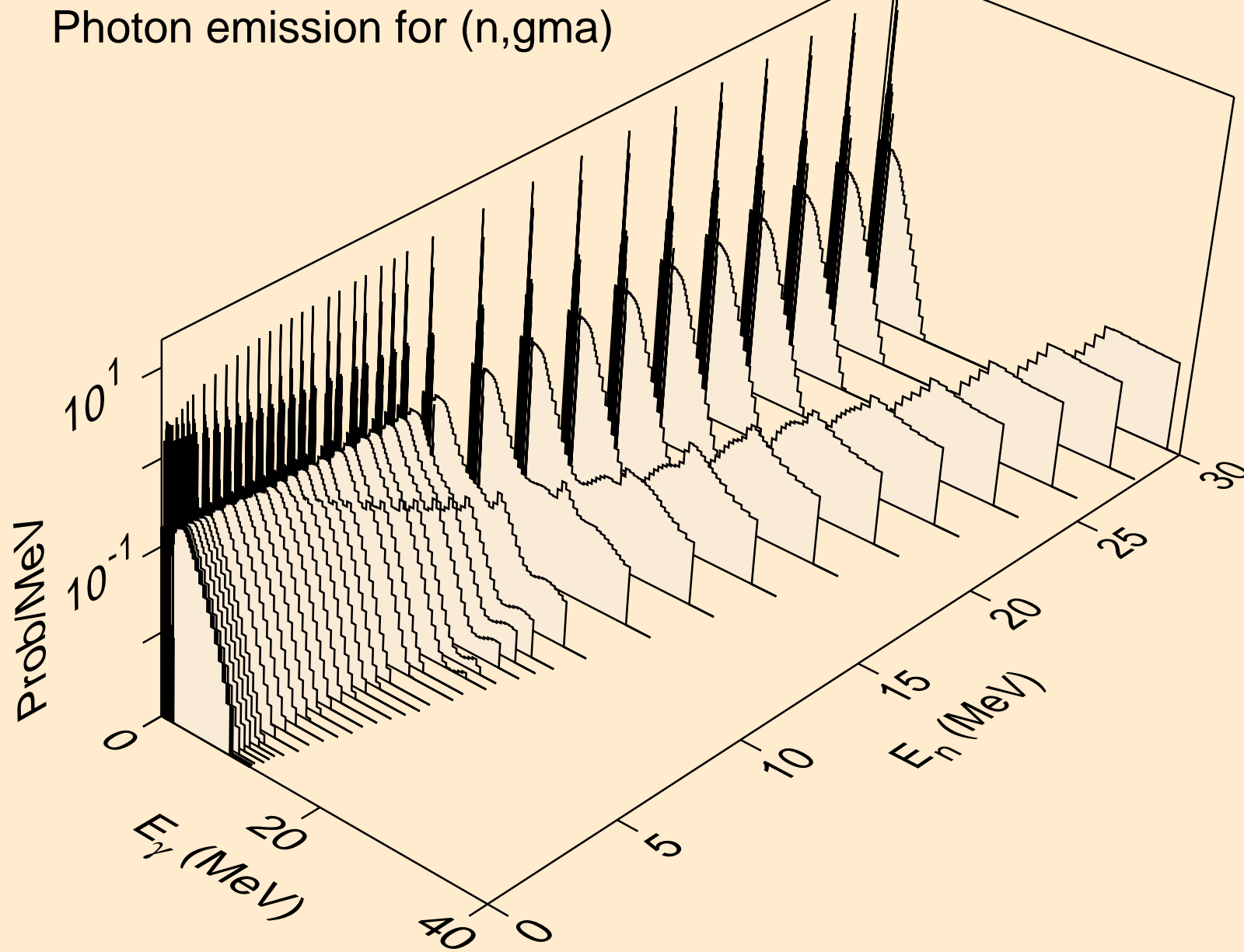
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Photon emission for (n,npa)



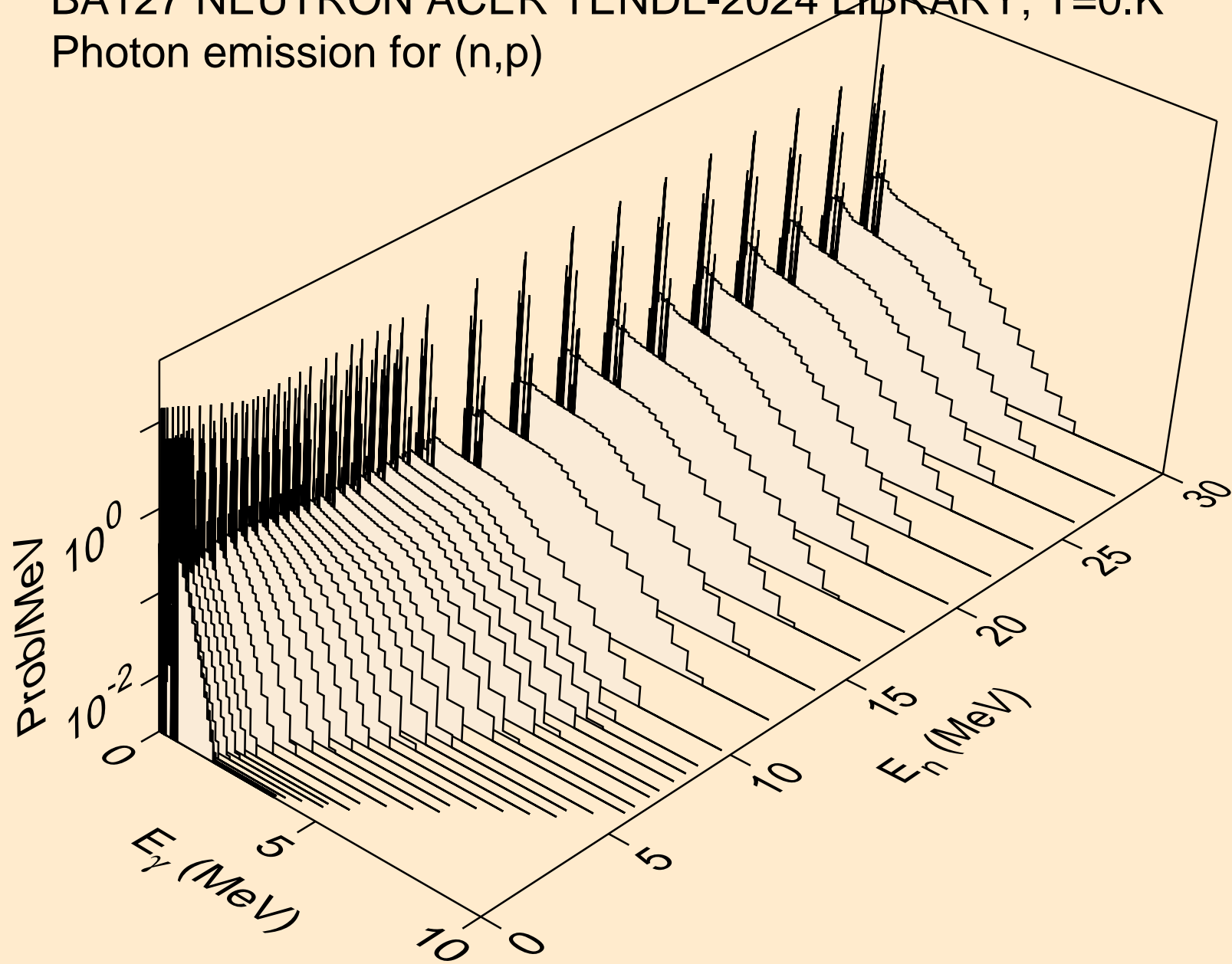
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Photon emission for (n,n\*c)



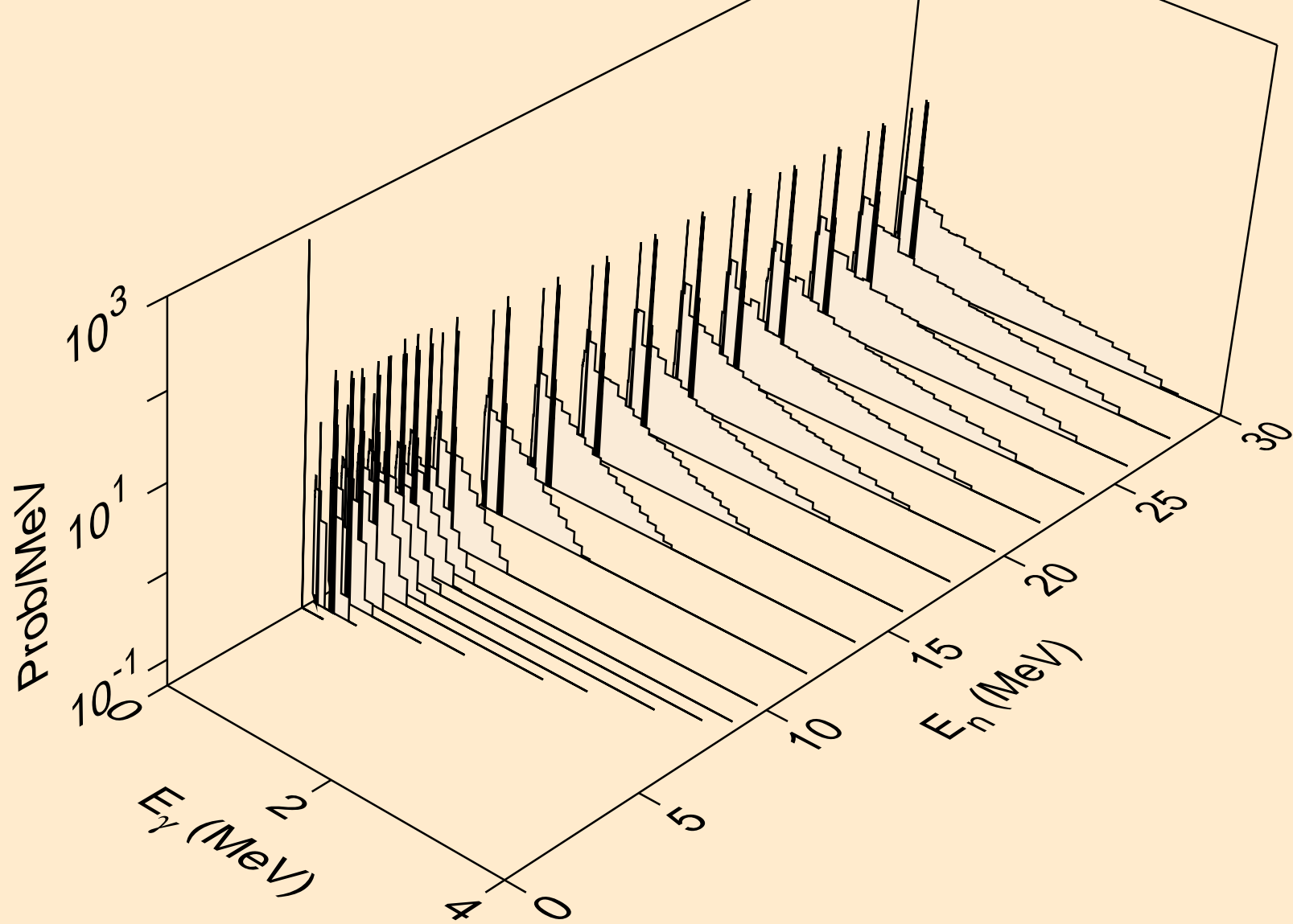
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Photon emission for (n,gma)



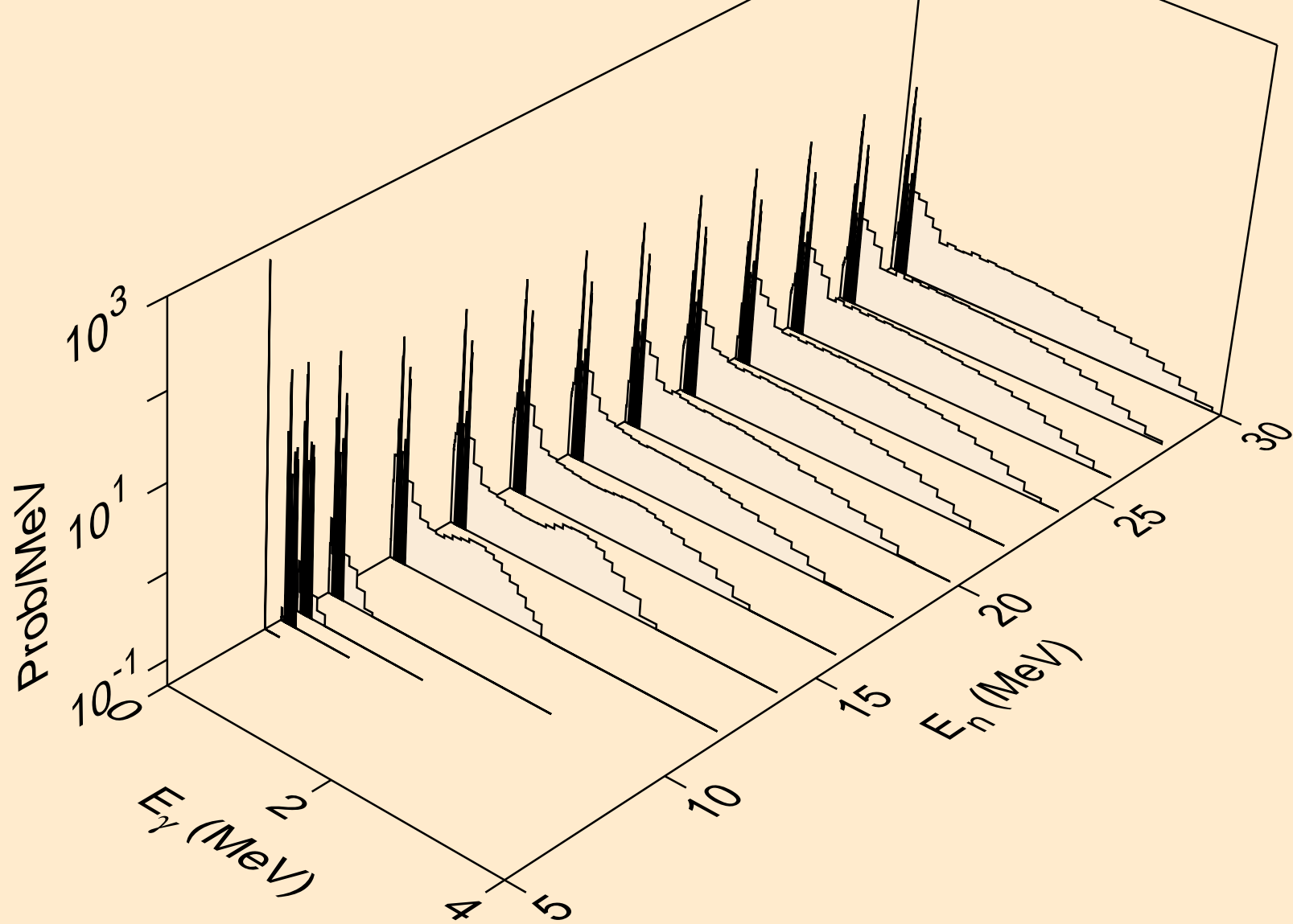
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Photon emission for (n,p)



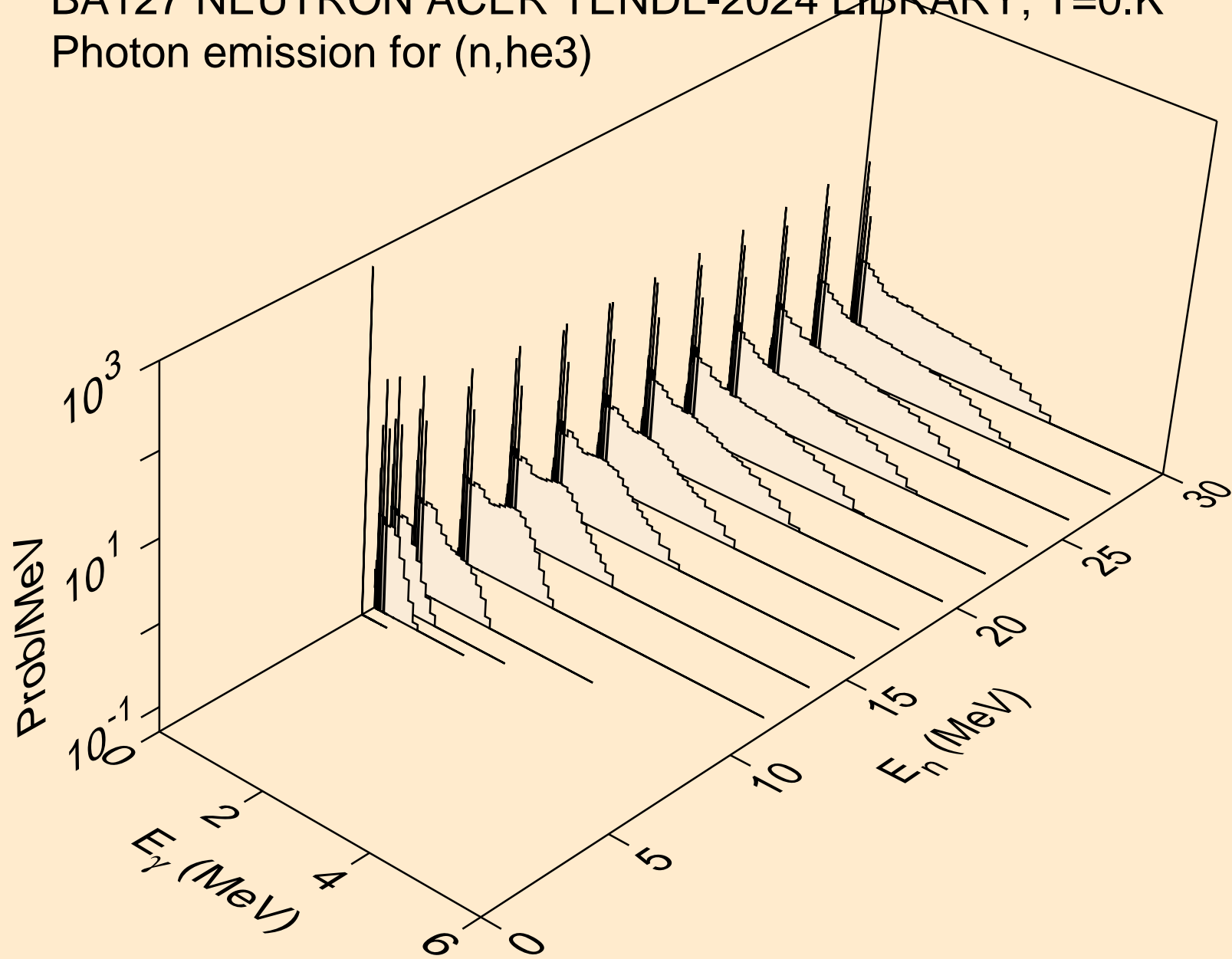
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Photon emission for (n,d)



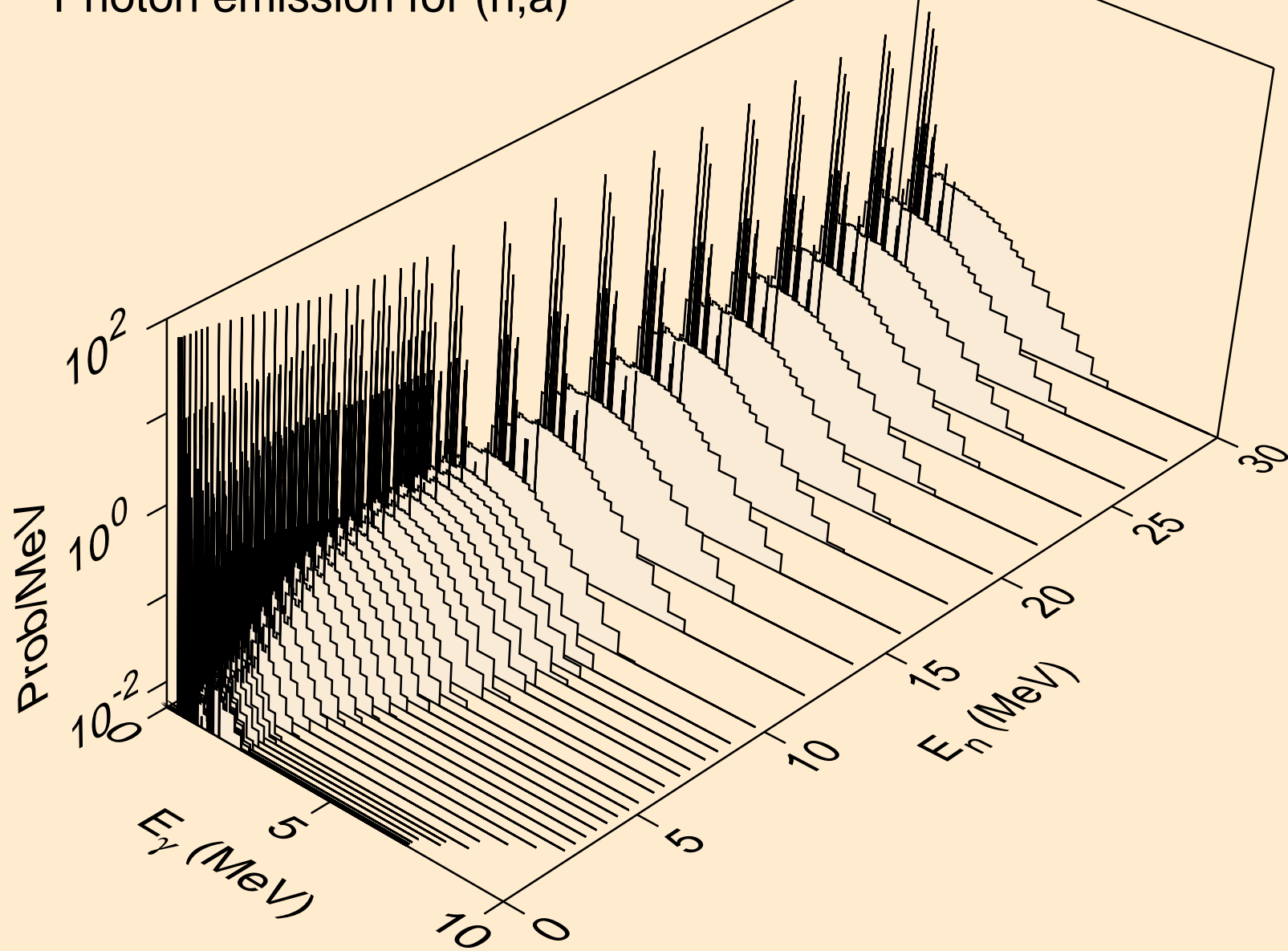
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

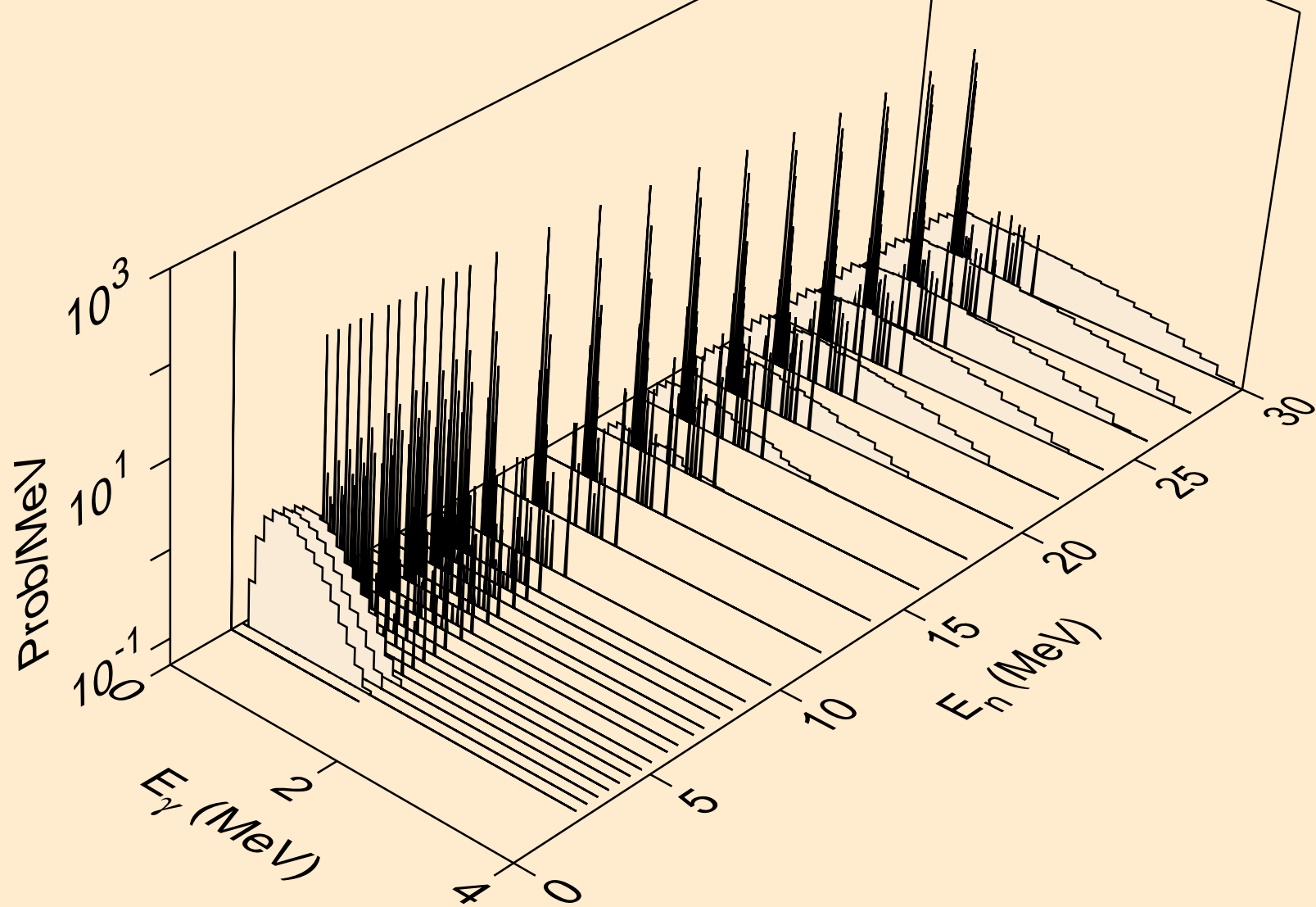


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Photon emission for (n,a)

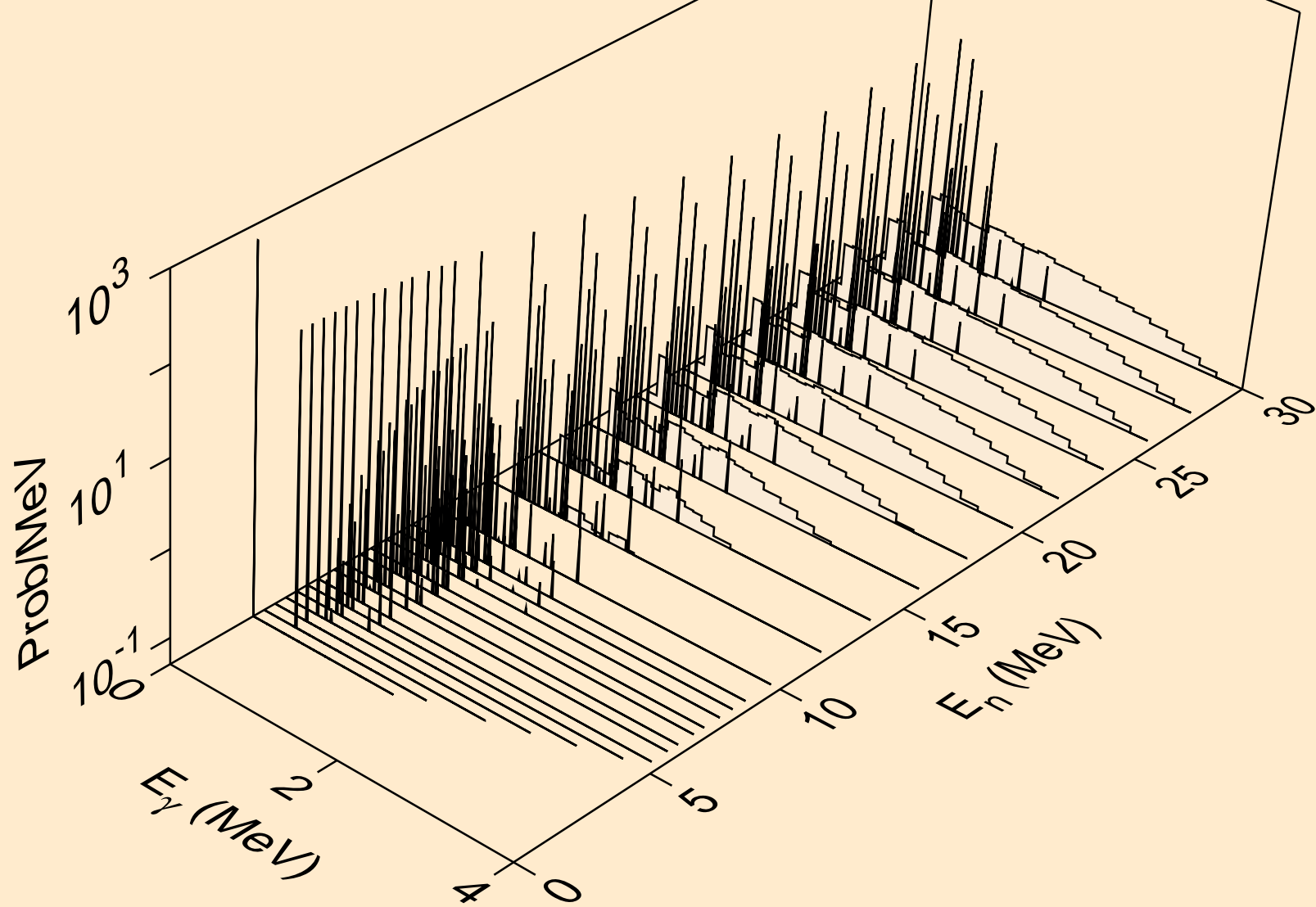




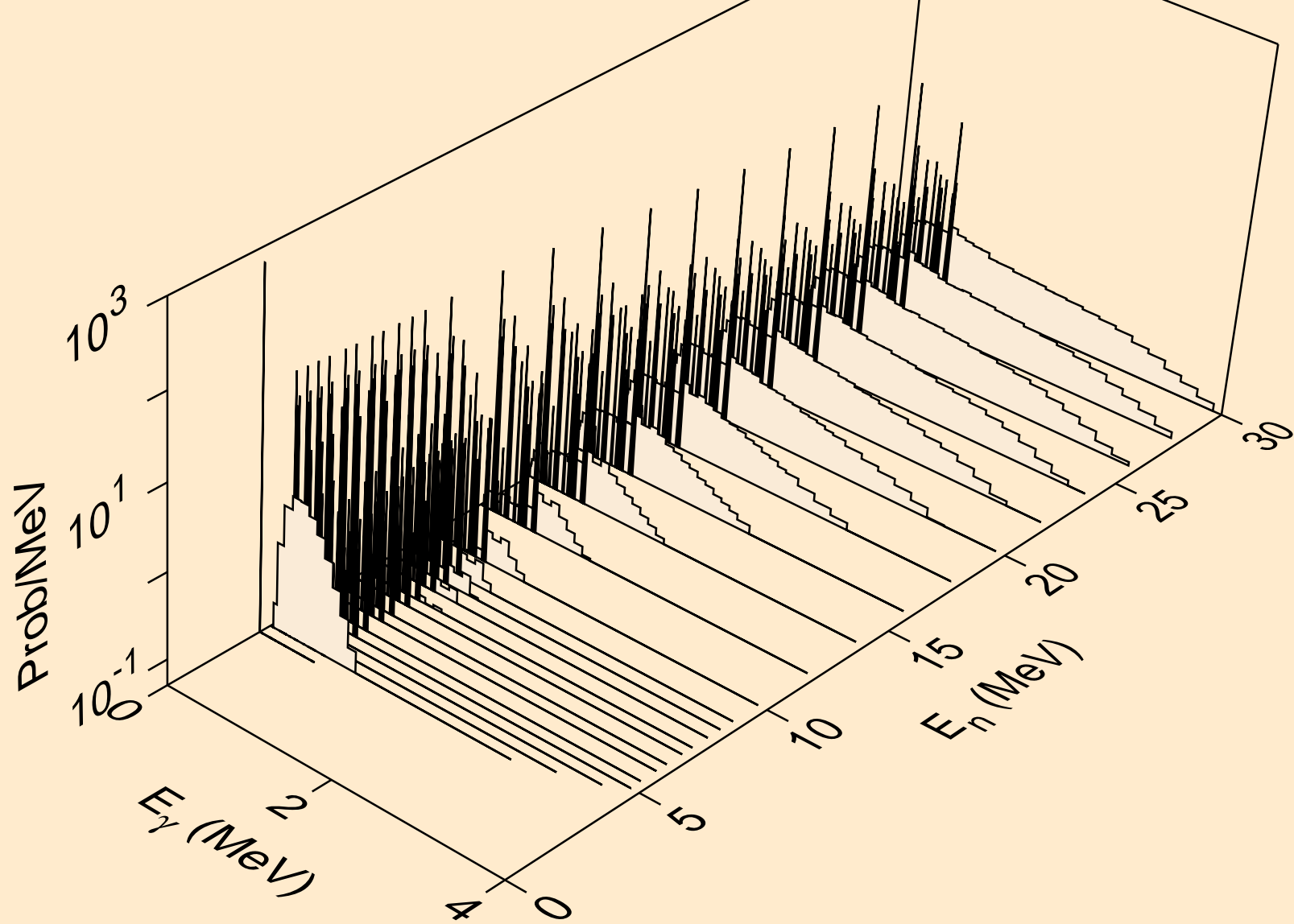
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Photon emission for (n,2a)



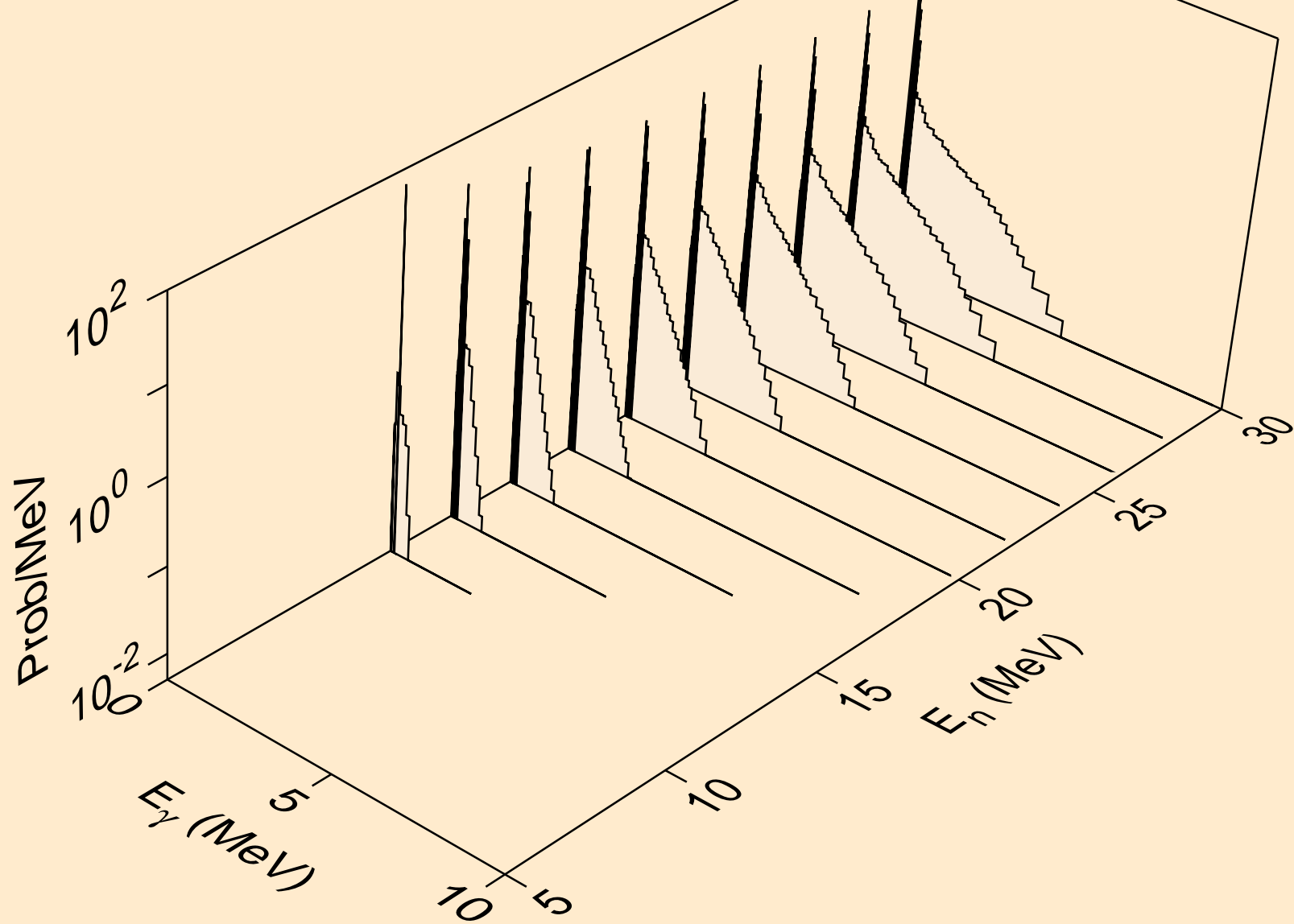
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Photon emission for (n,2p)



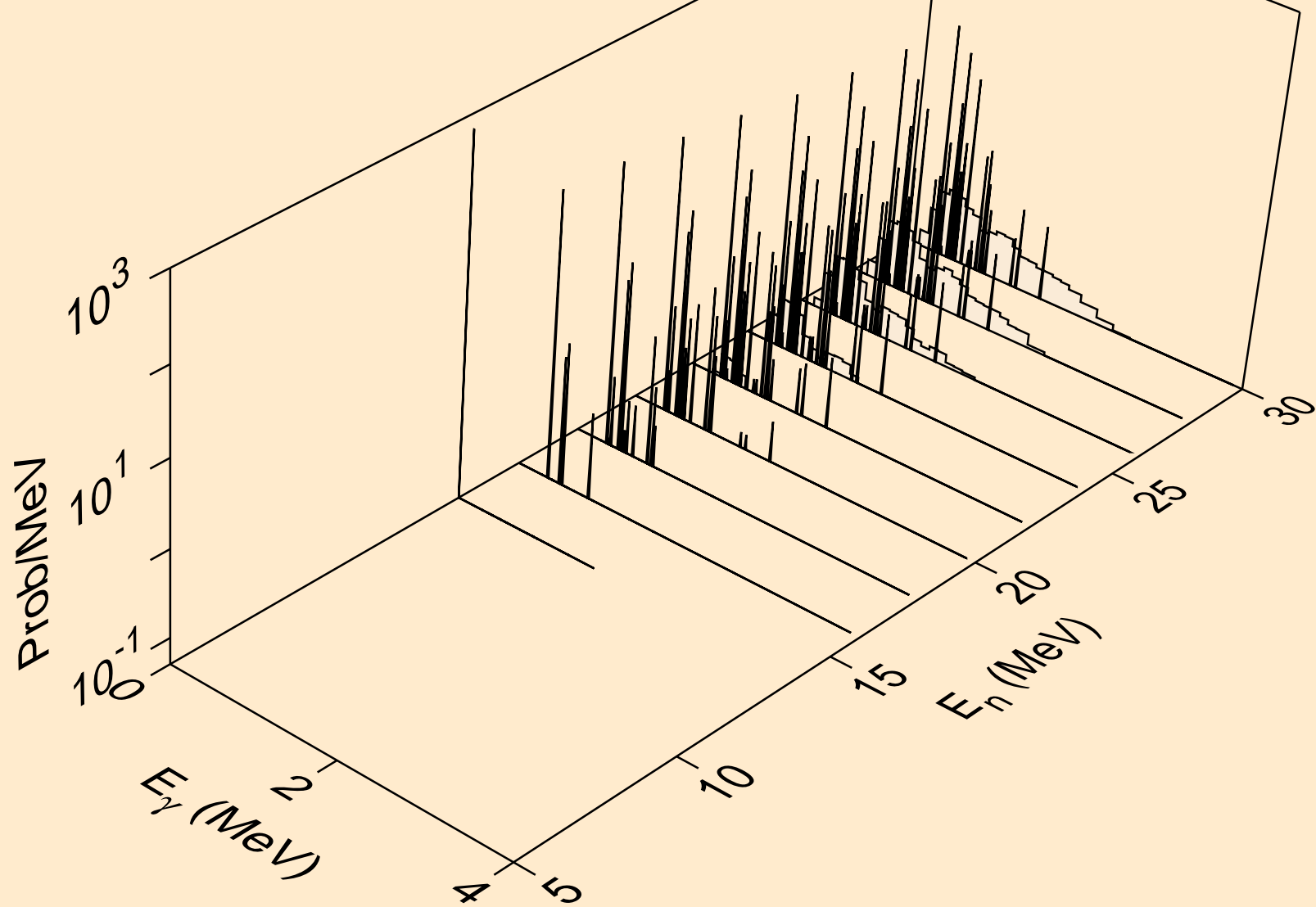
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Photon emission for (n,p $\alpha$ )



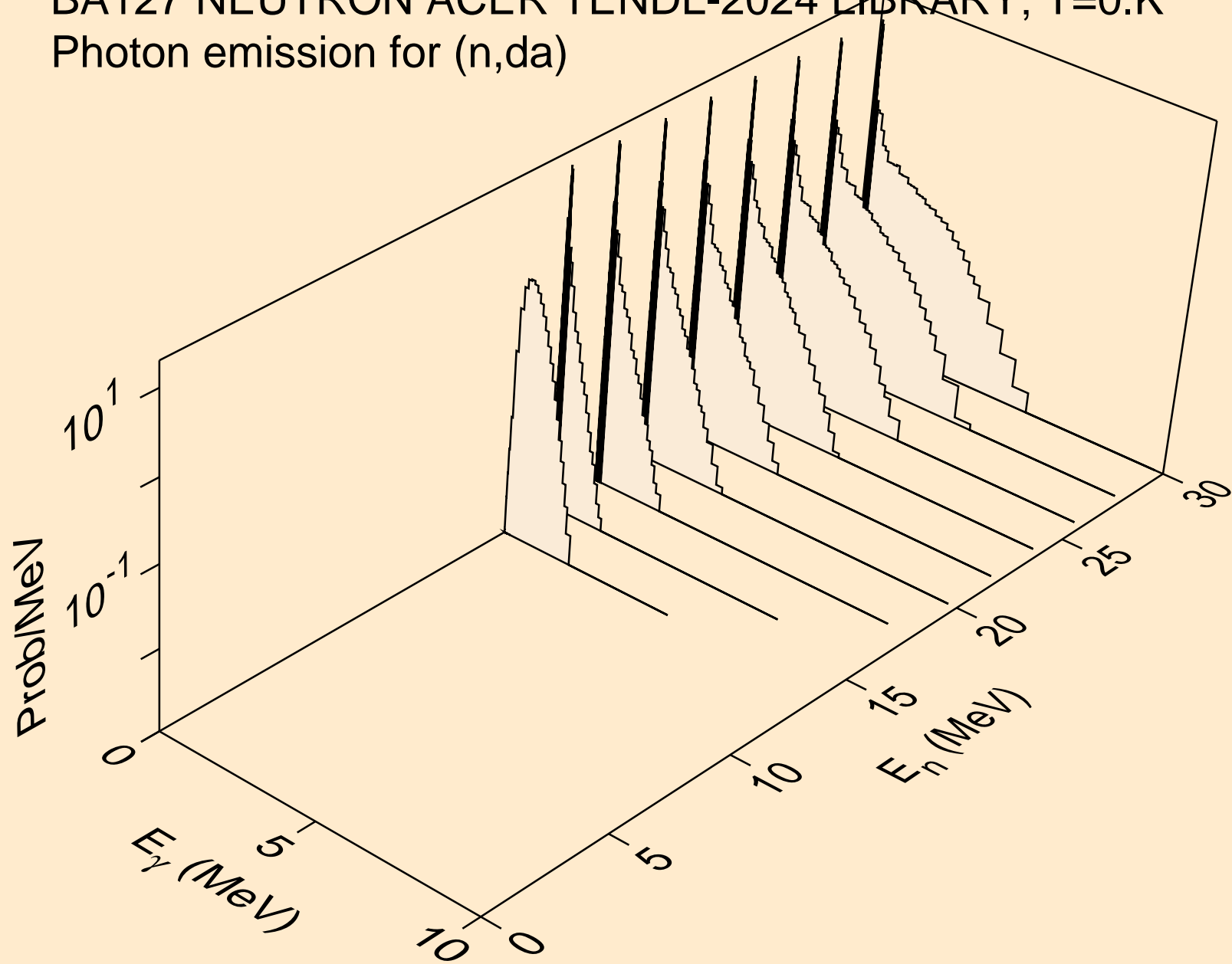
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



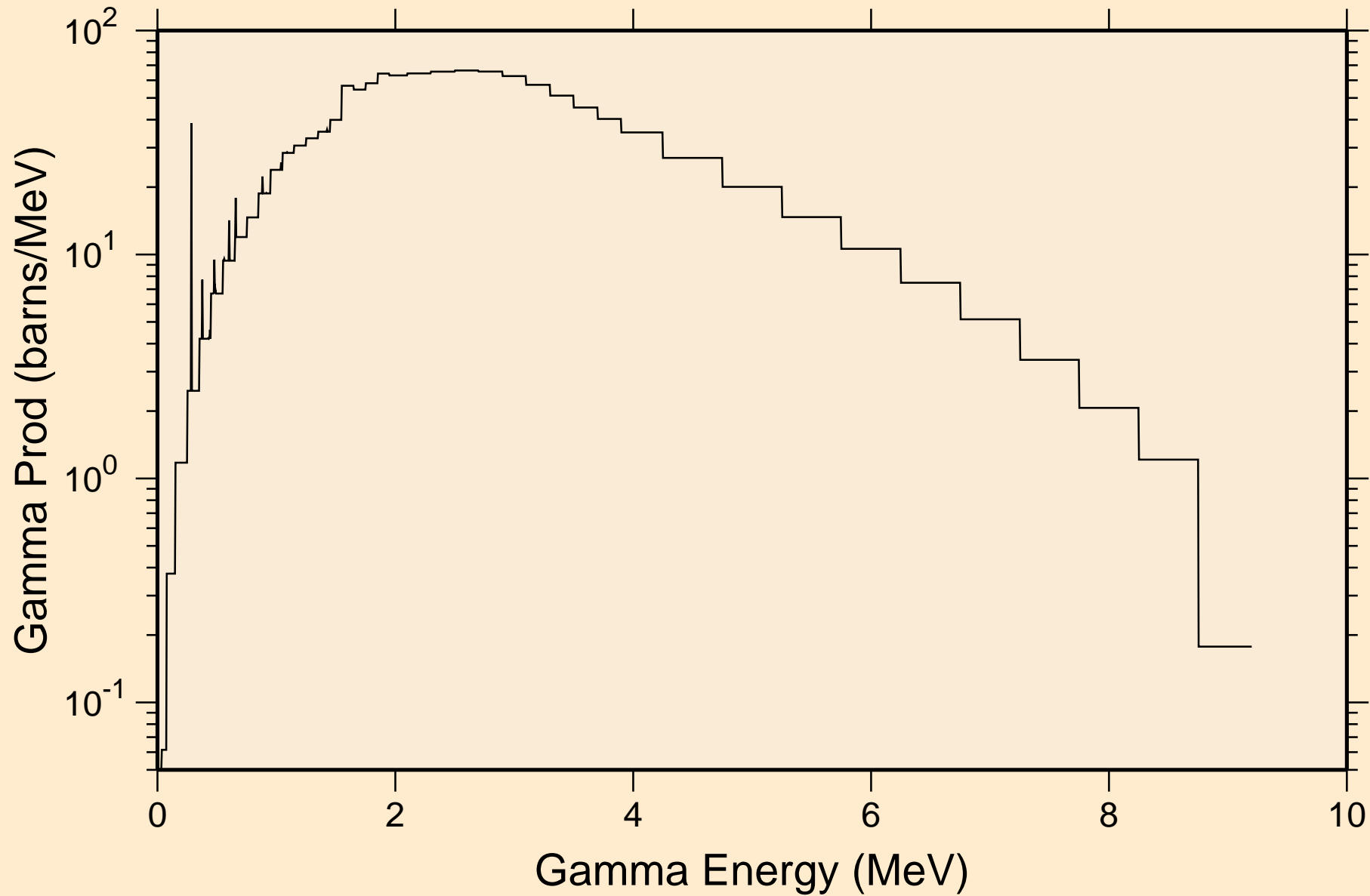
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Photon emission for (n,pt)



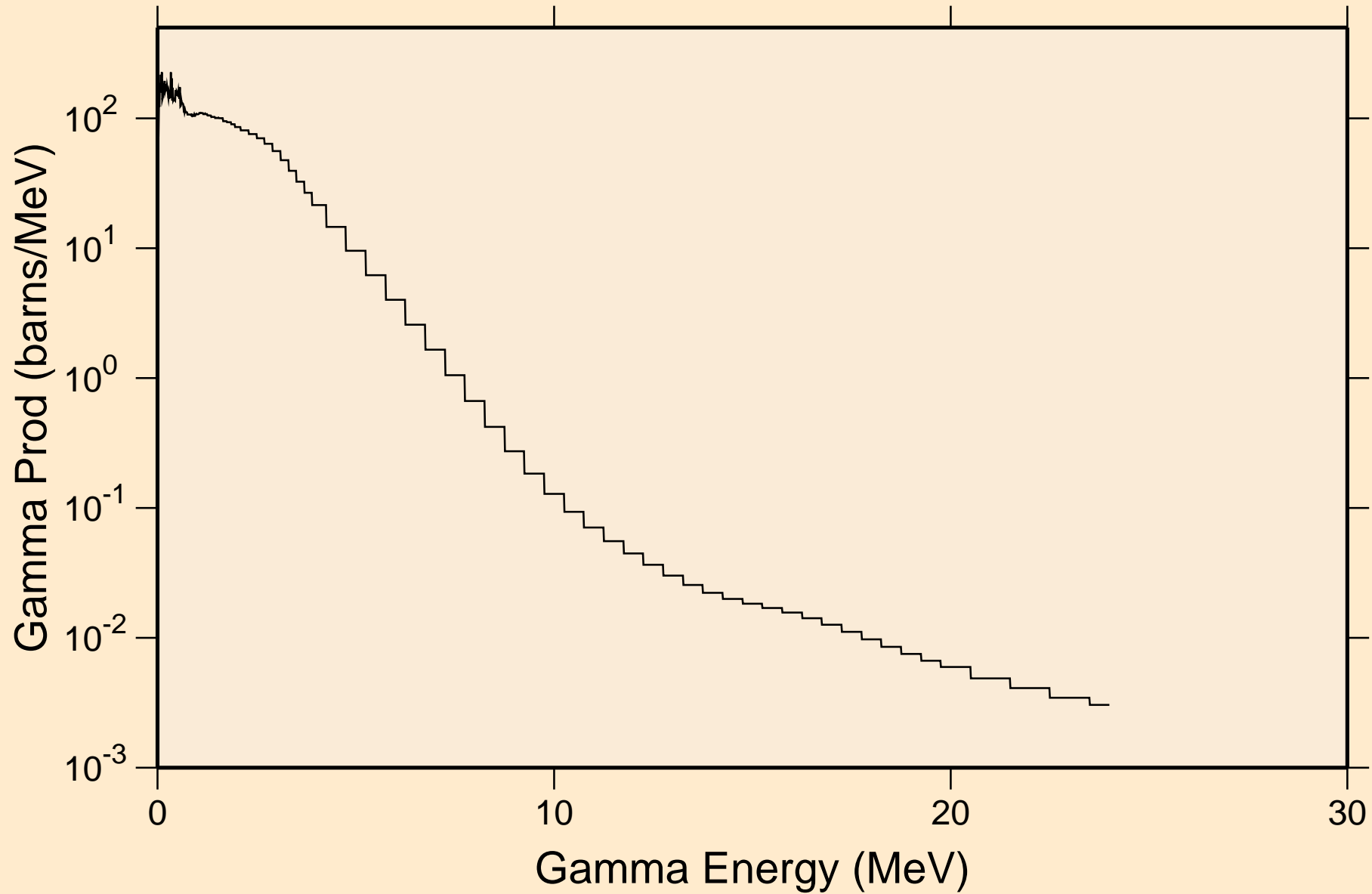
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

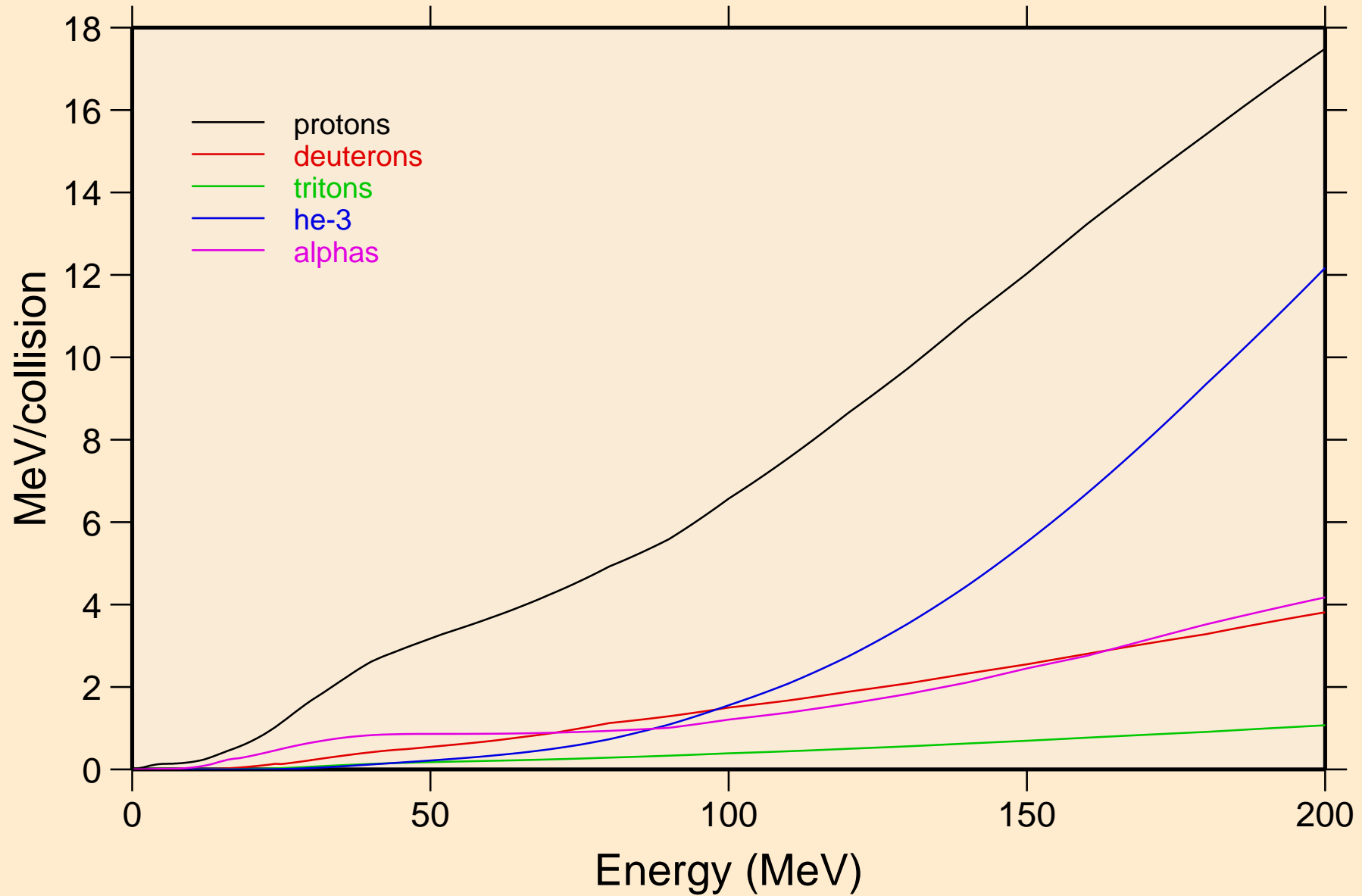


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14 MeV photon spectrum

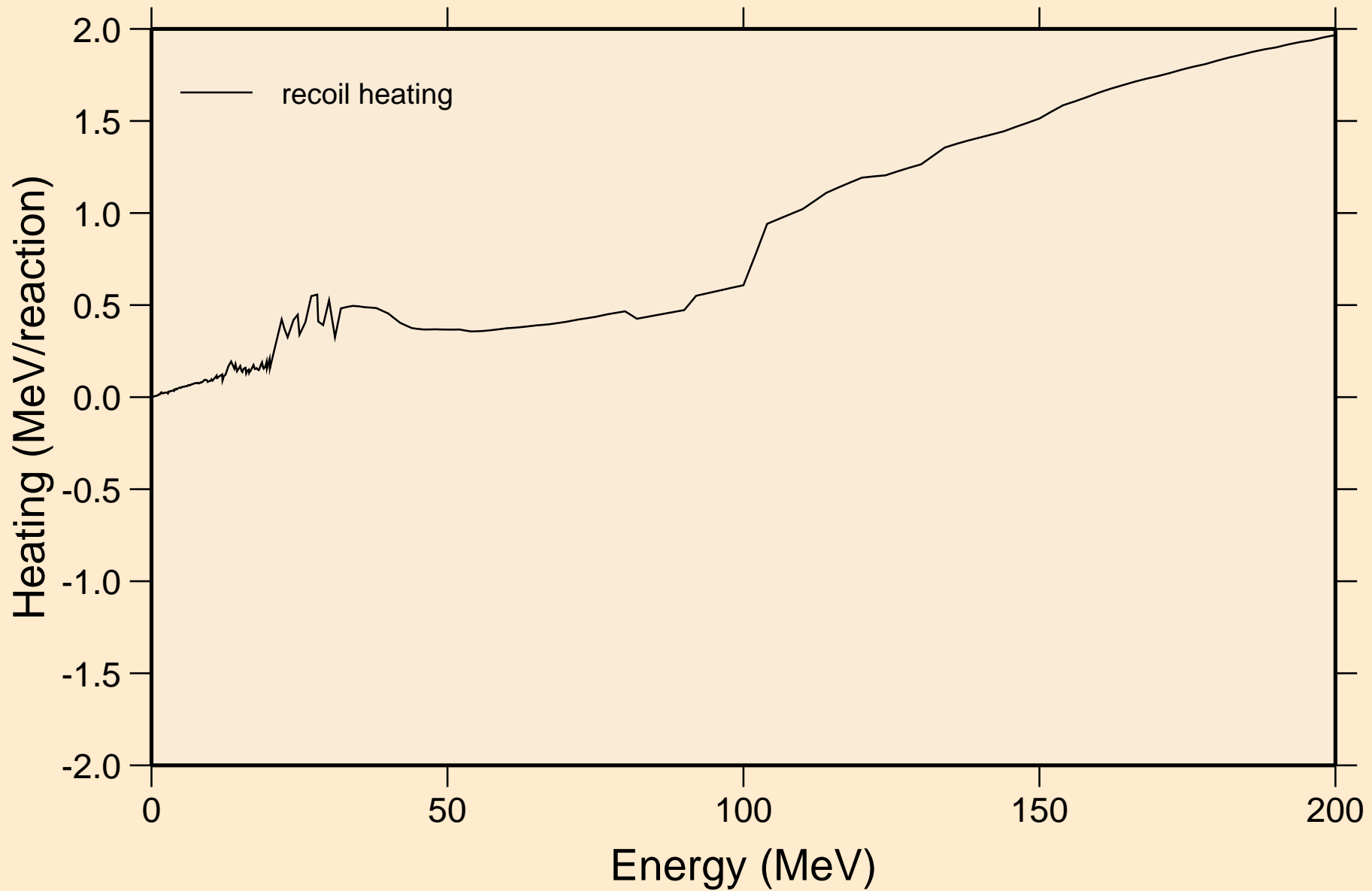




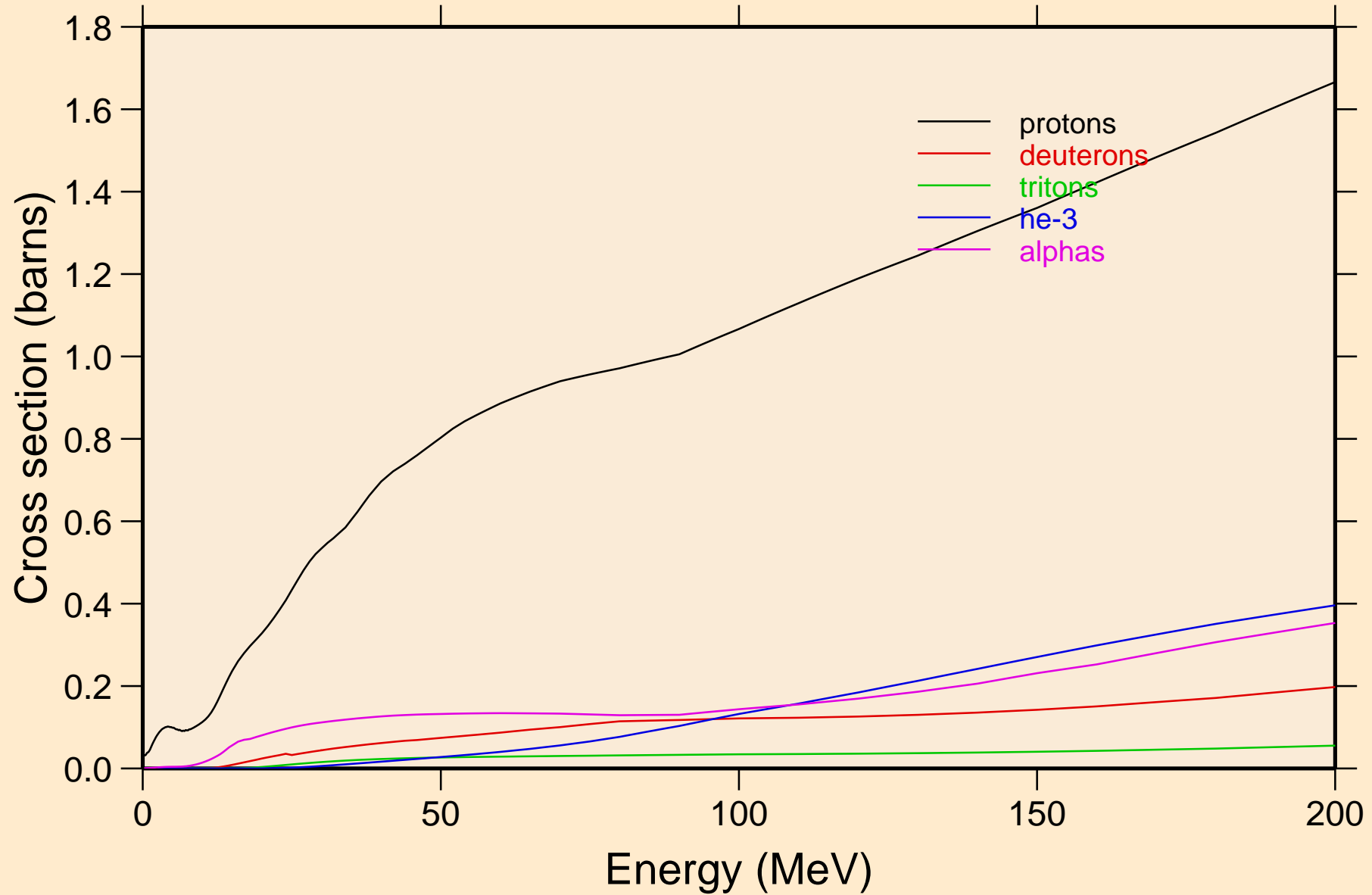
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Particle heating contributions



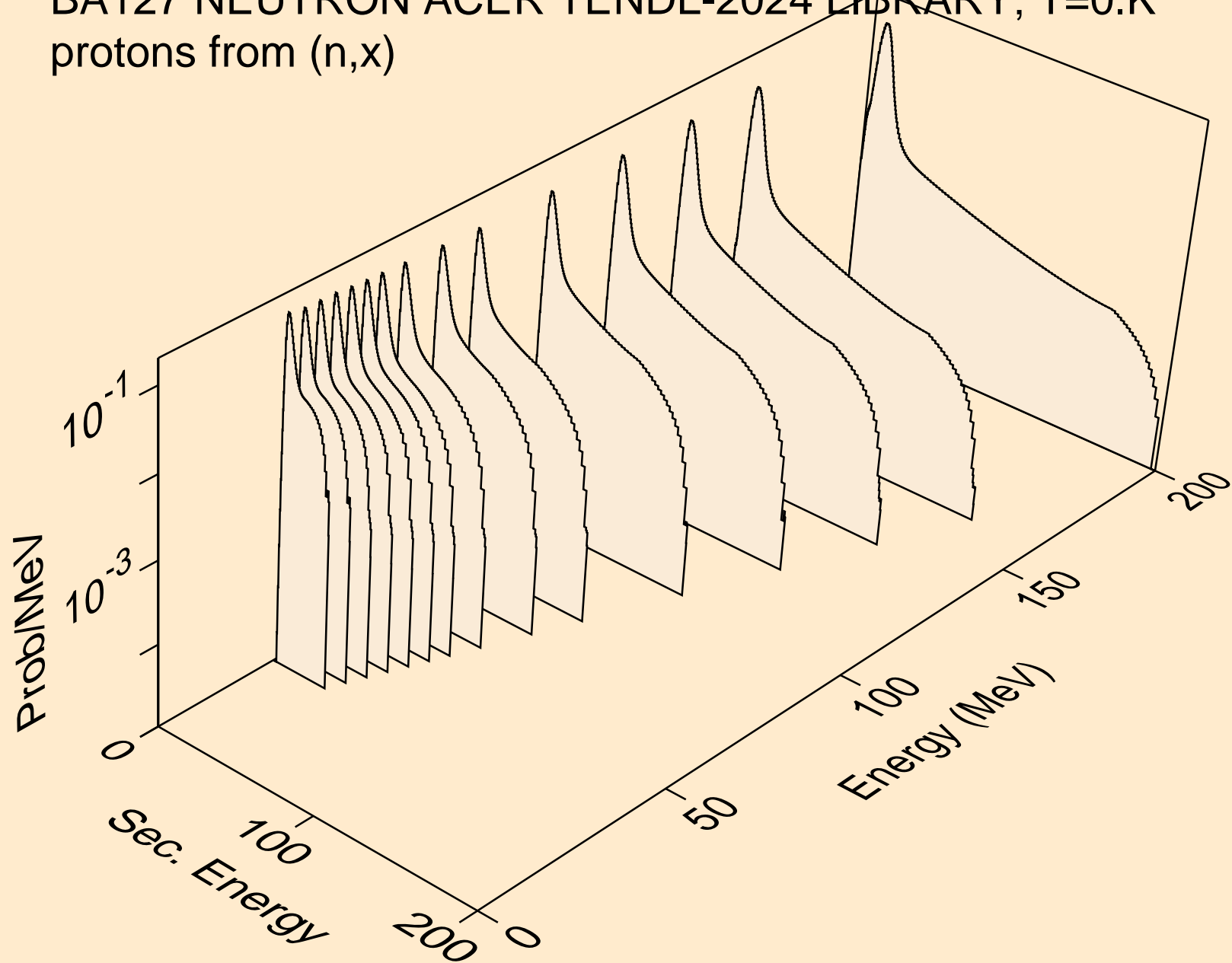
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Recoil Heating



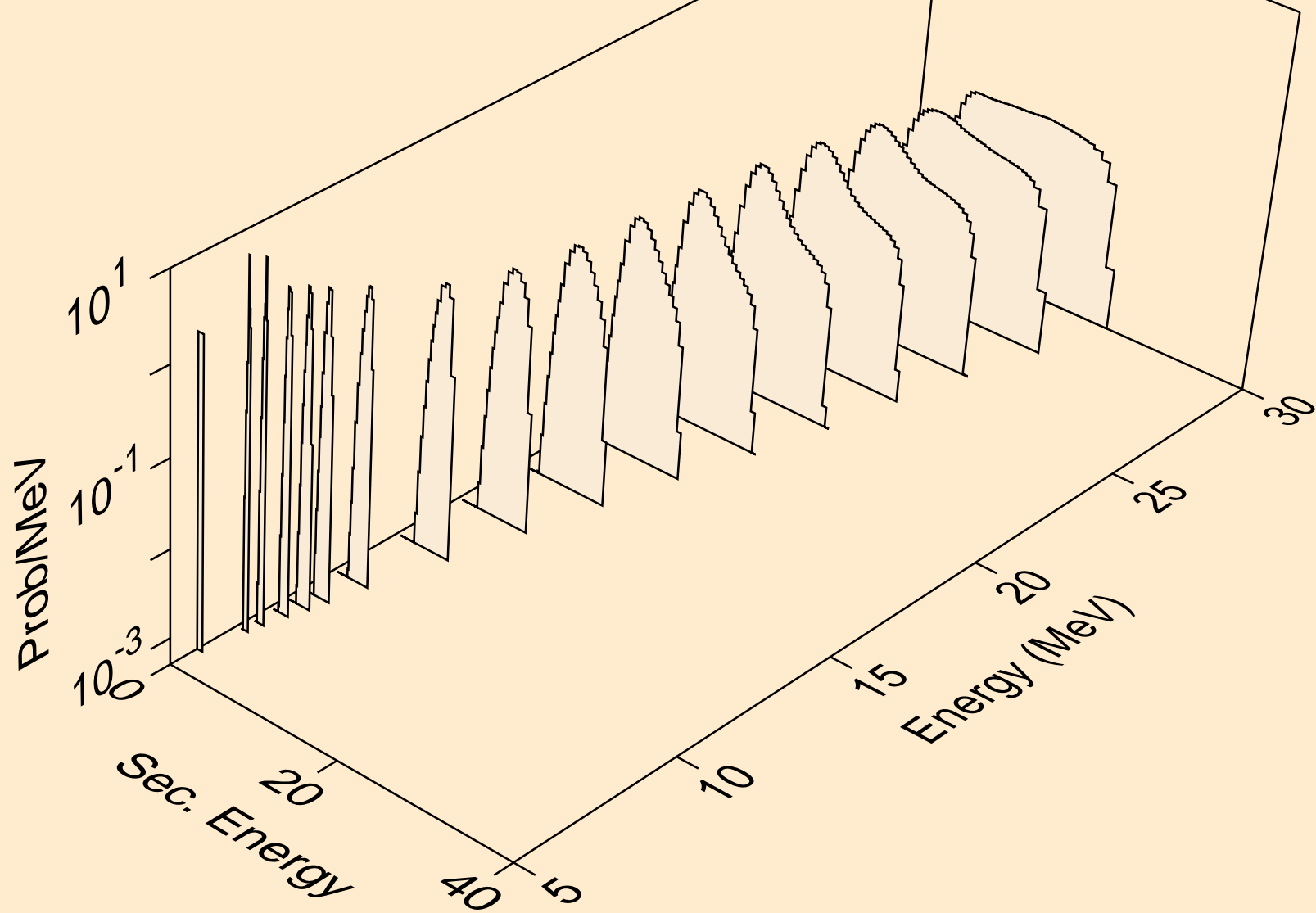
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Particle production cross sections



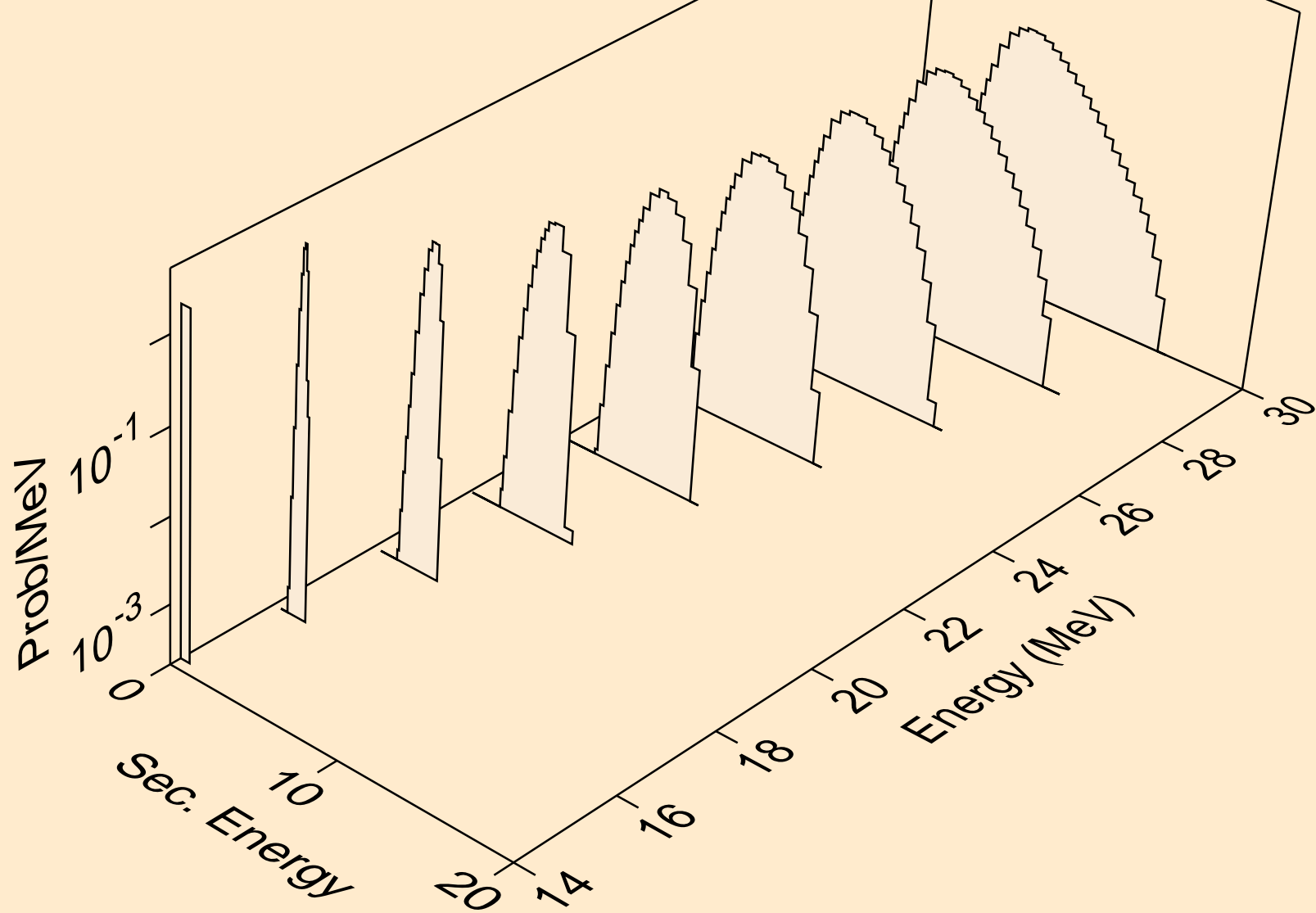
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protons from (n,x)



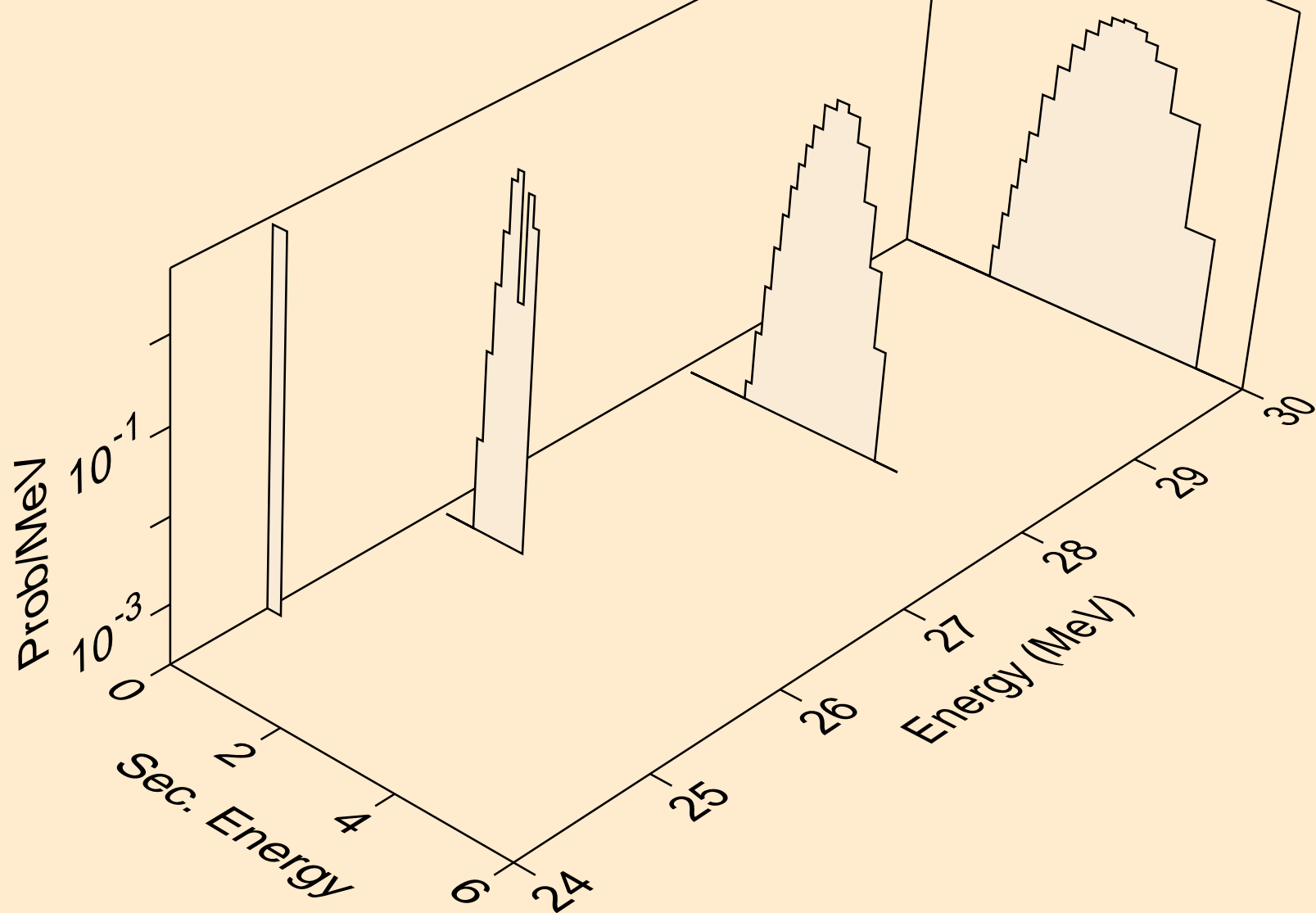
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protons from (n,n\*)p



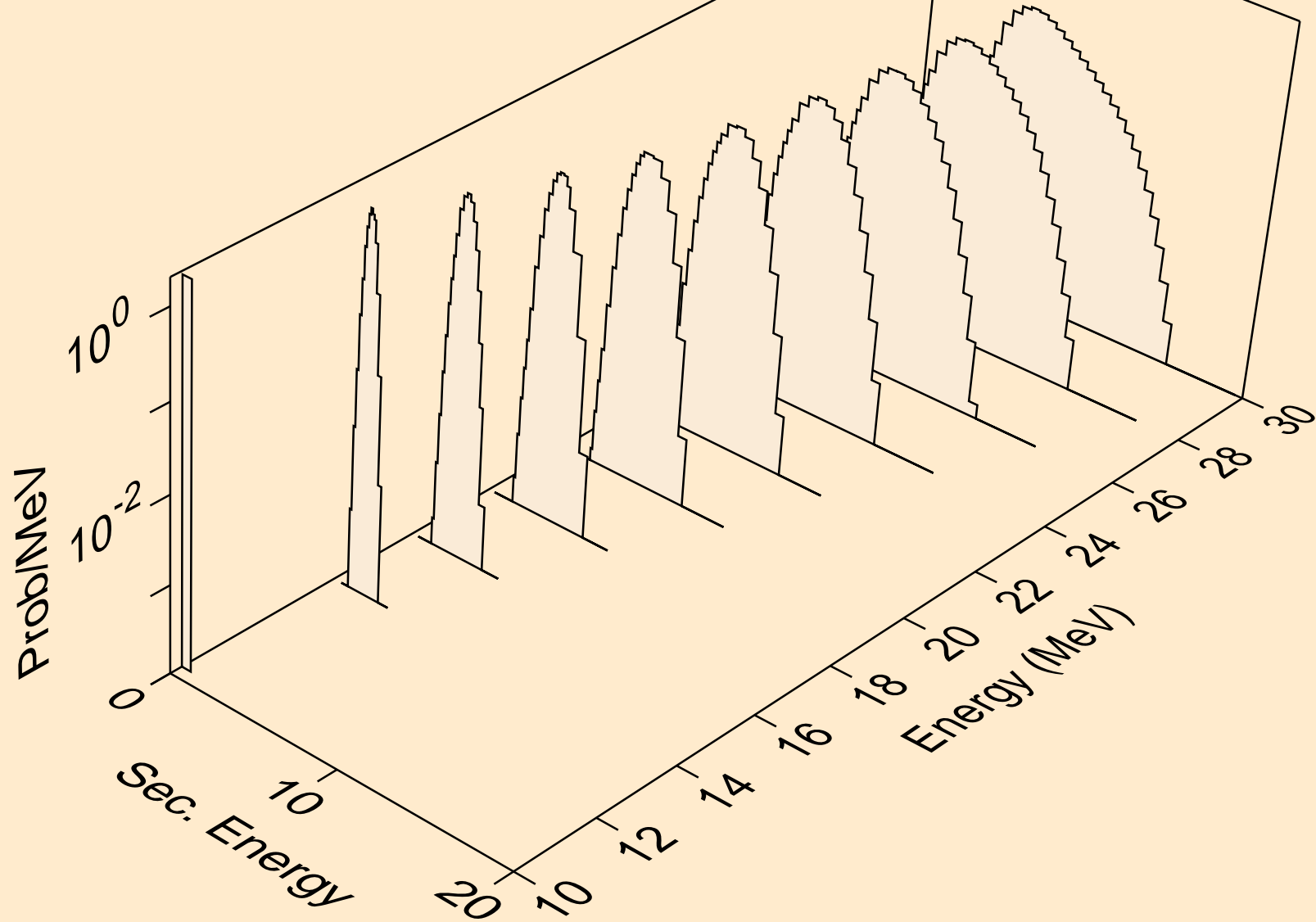
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protons from (n,2np)



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

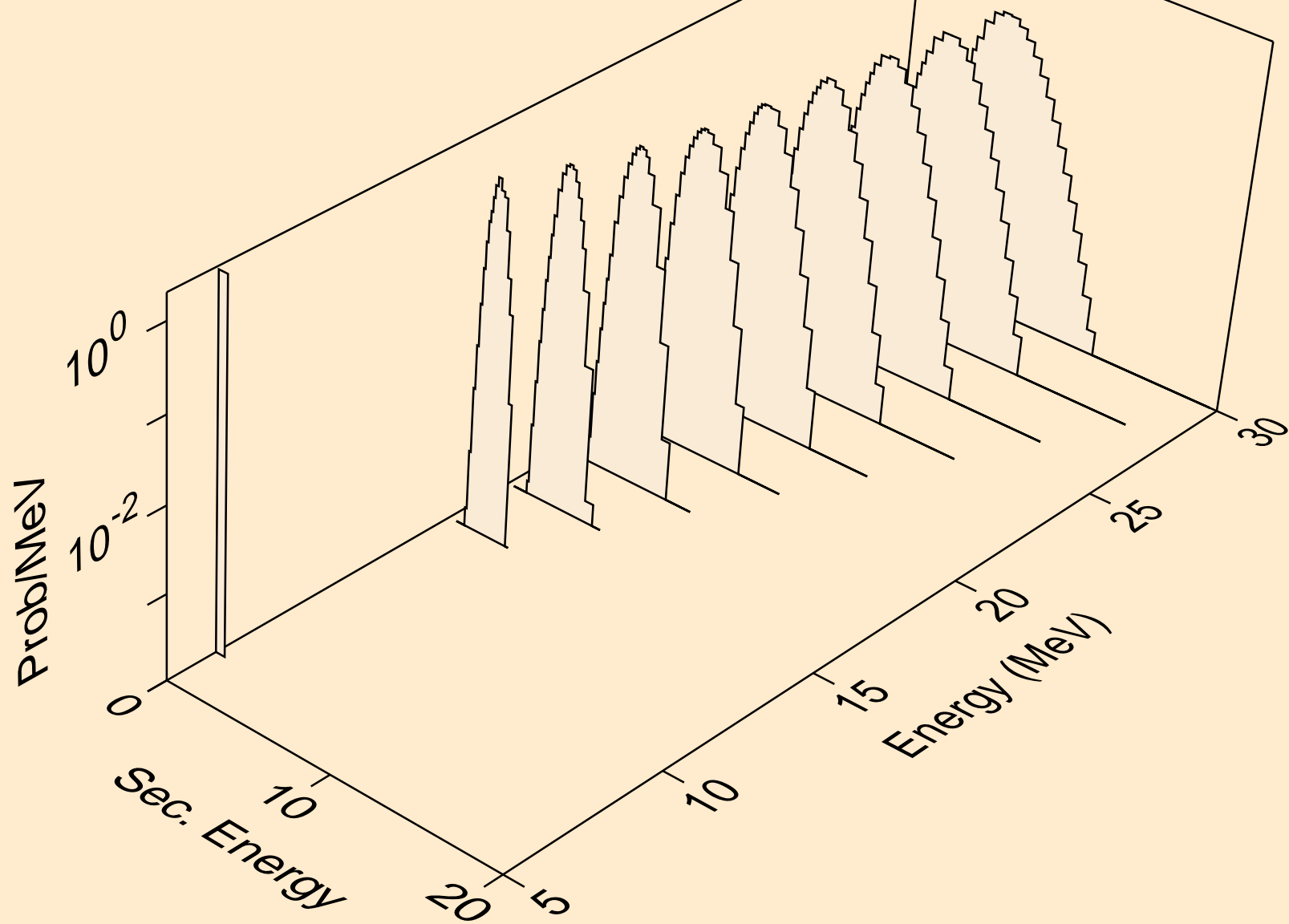


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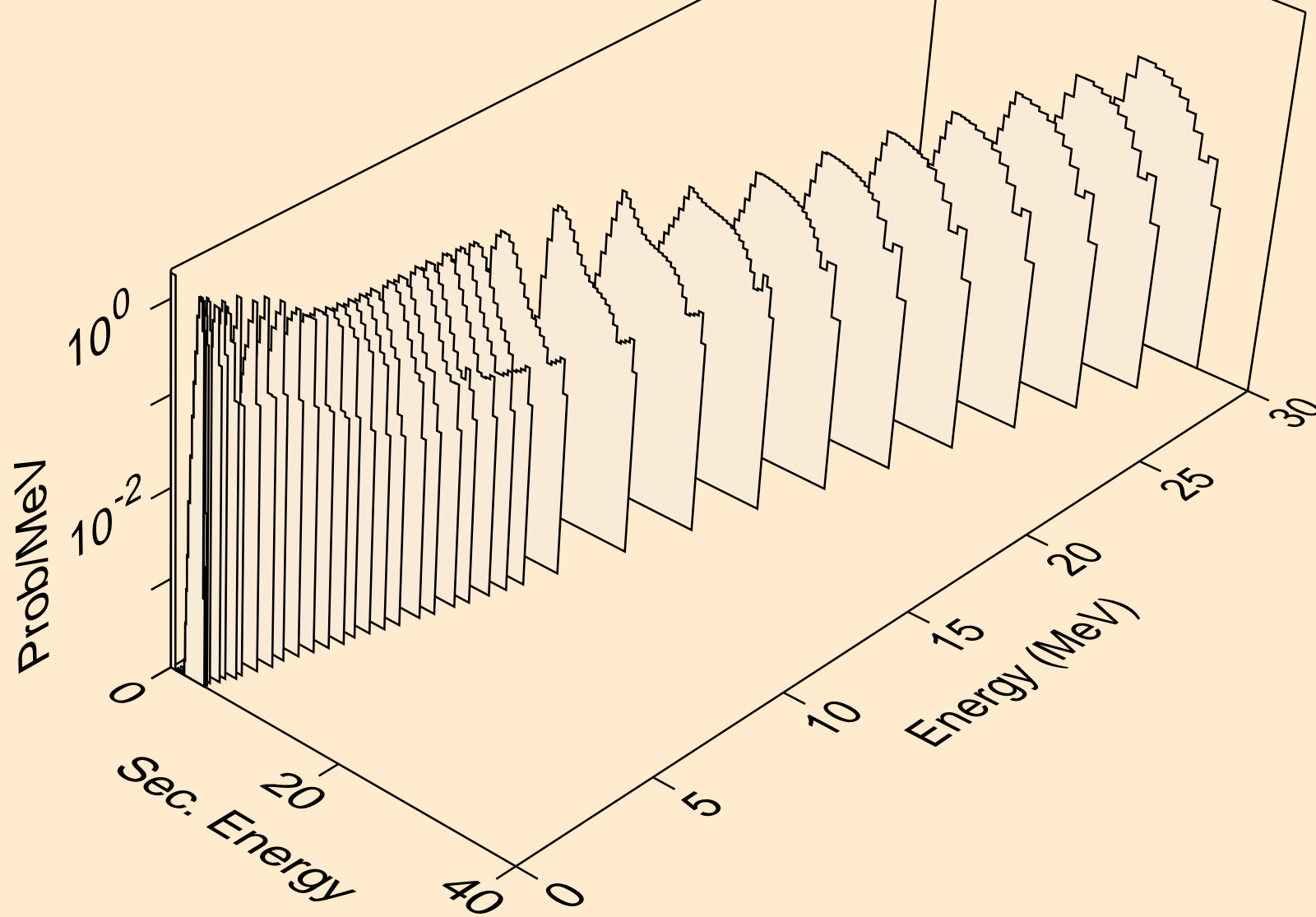




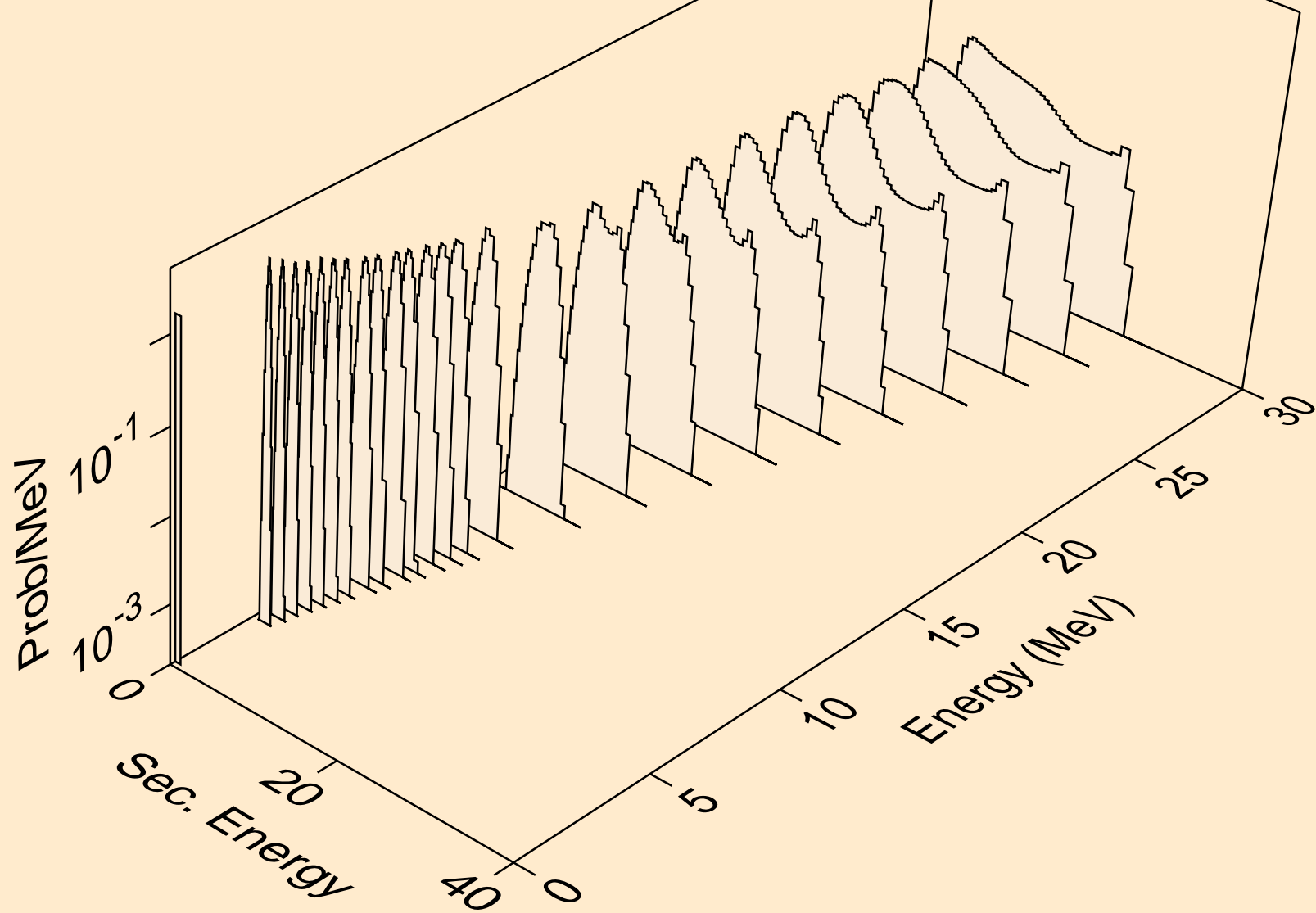
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protons from (n,npa)



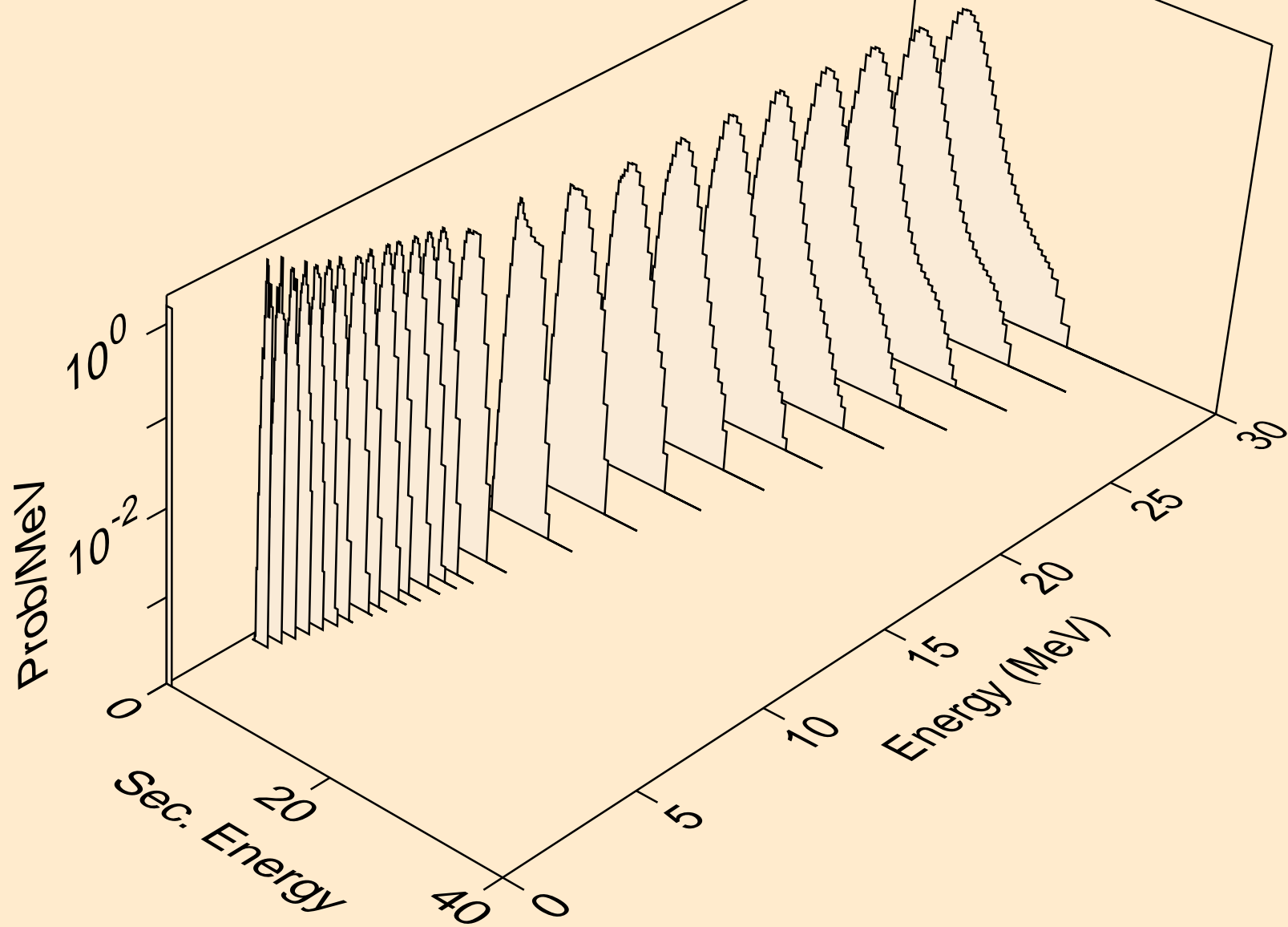
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protons from (n,p)



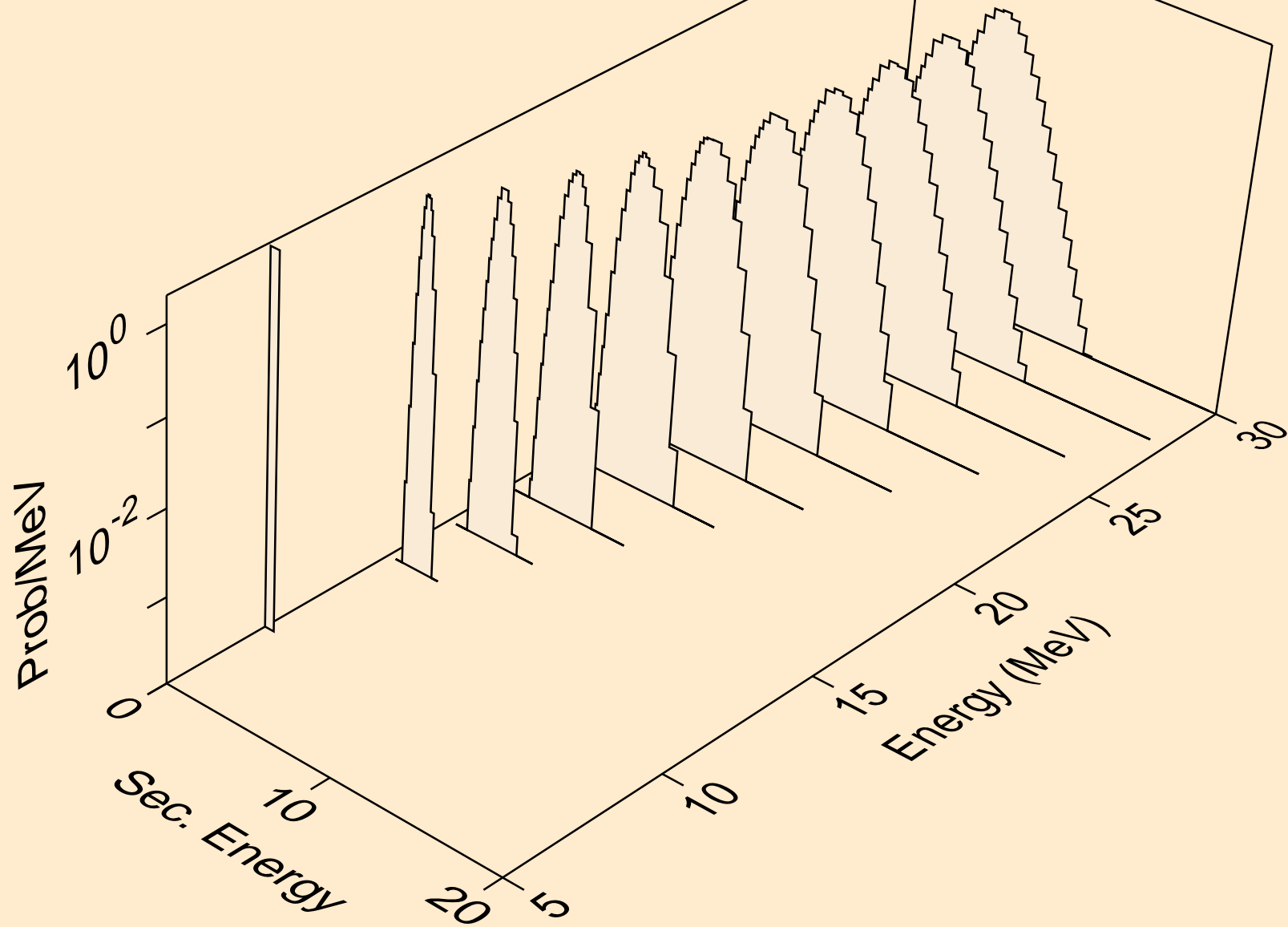
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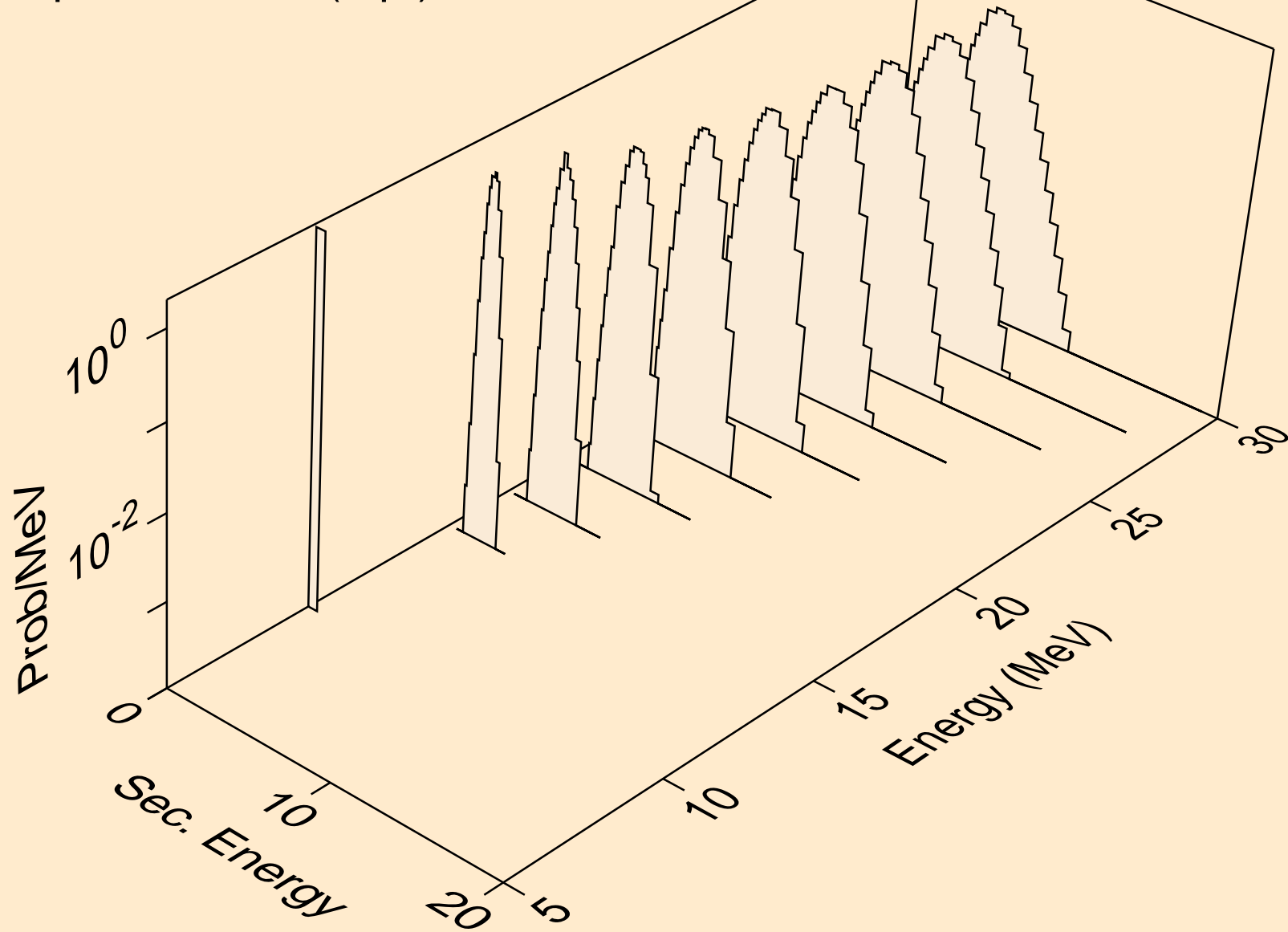
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protons from (n,p)



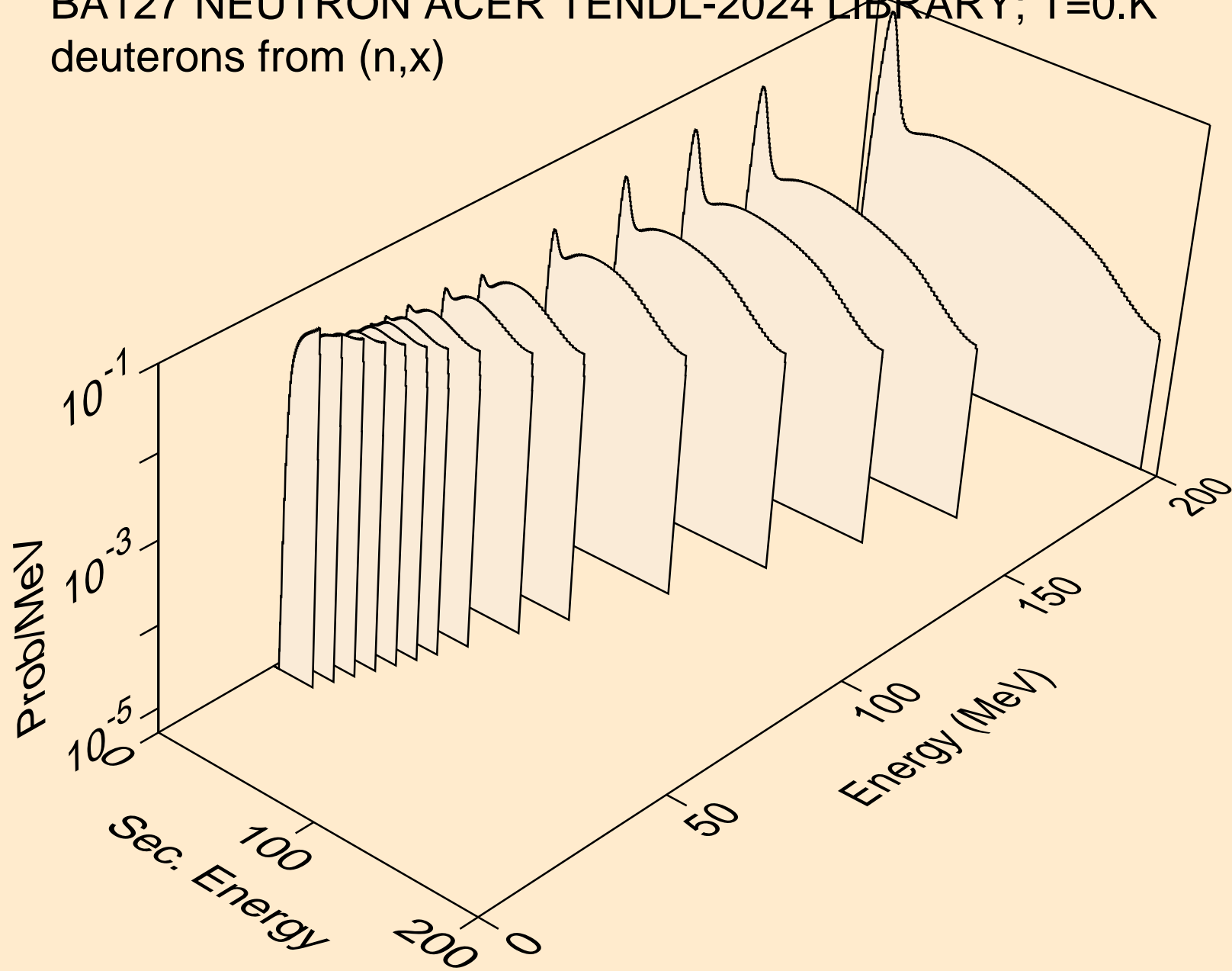
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protons from (n,pd)



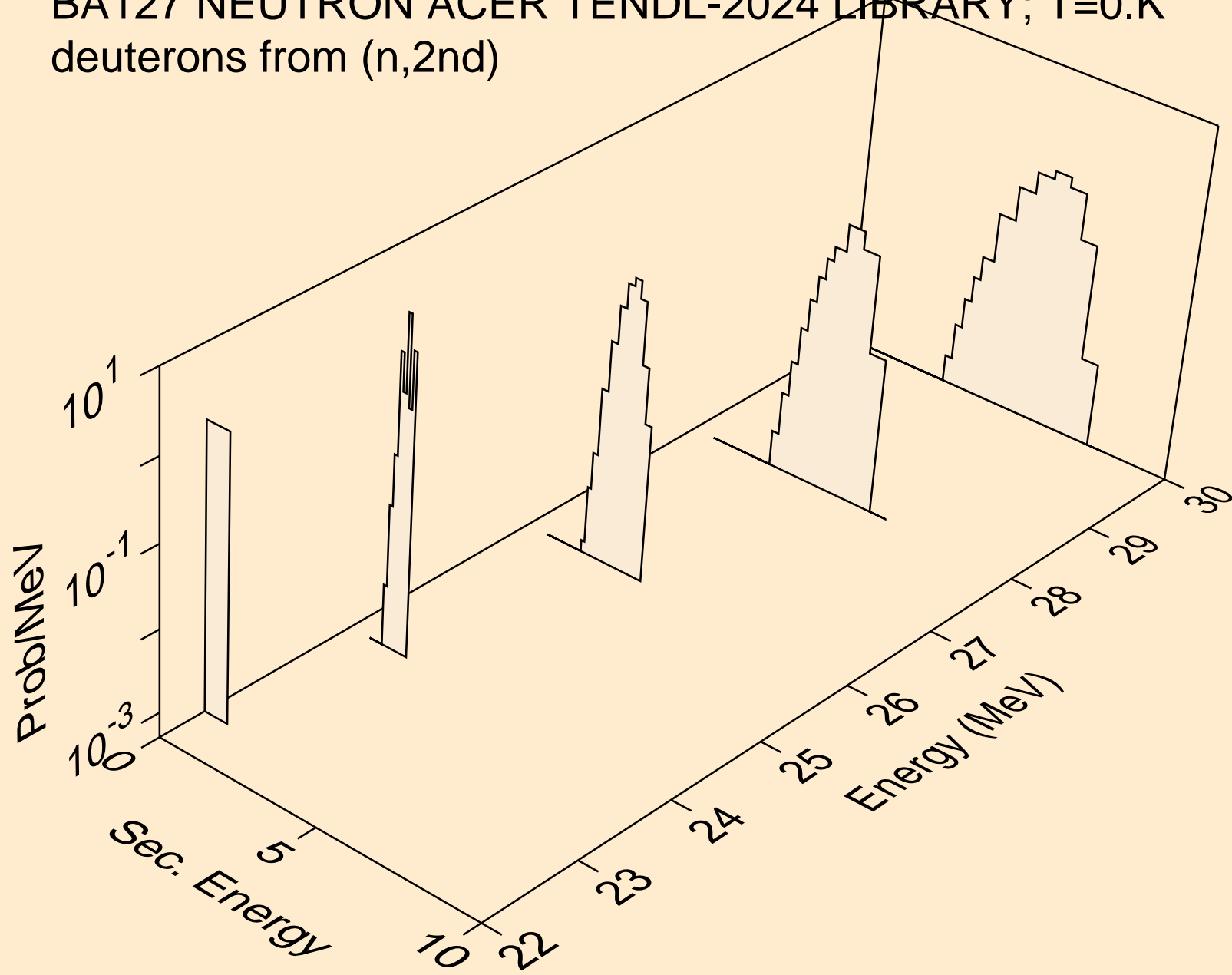
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protons from (n,pt)



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

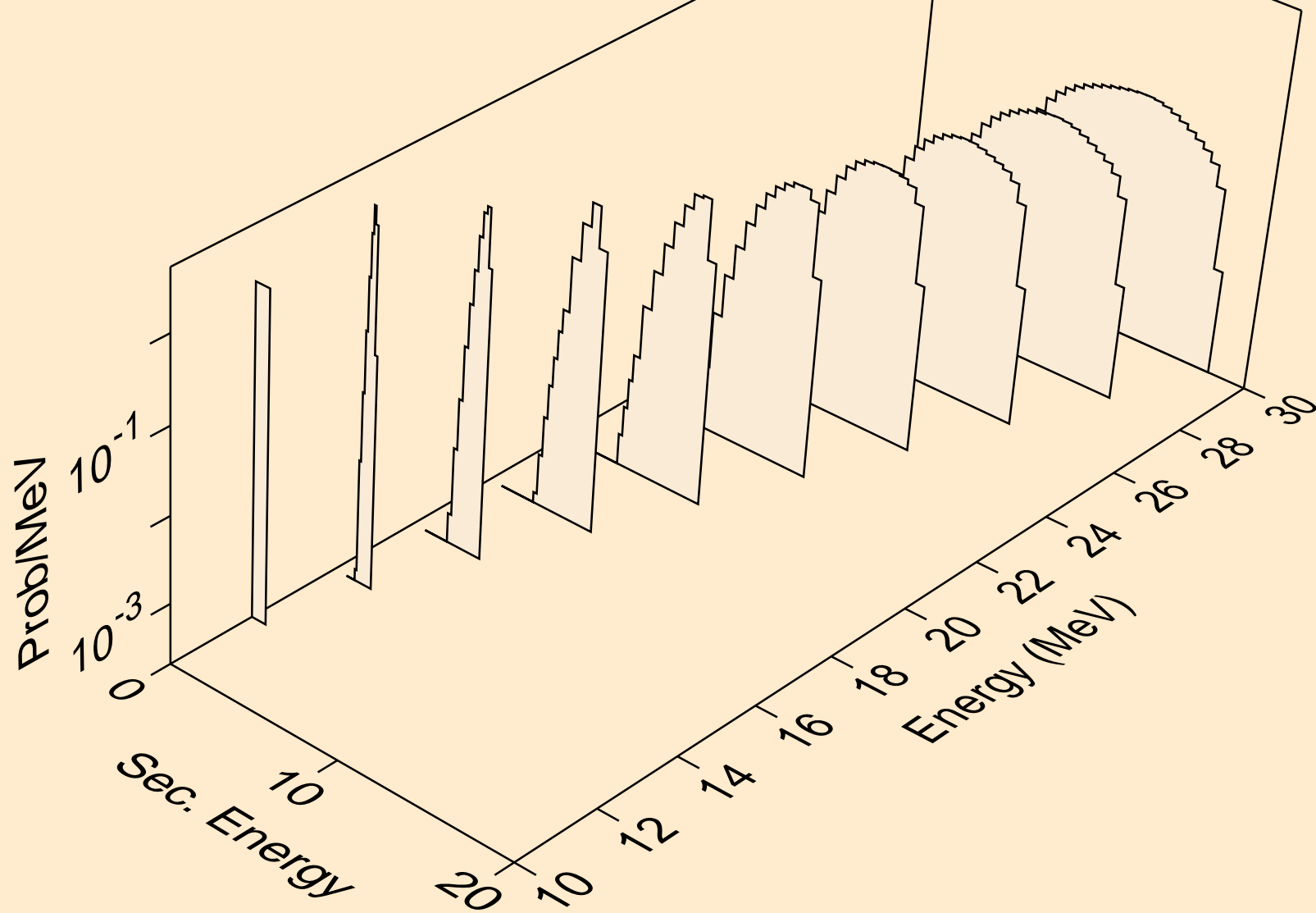


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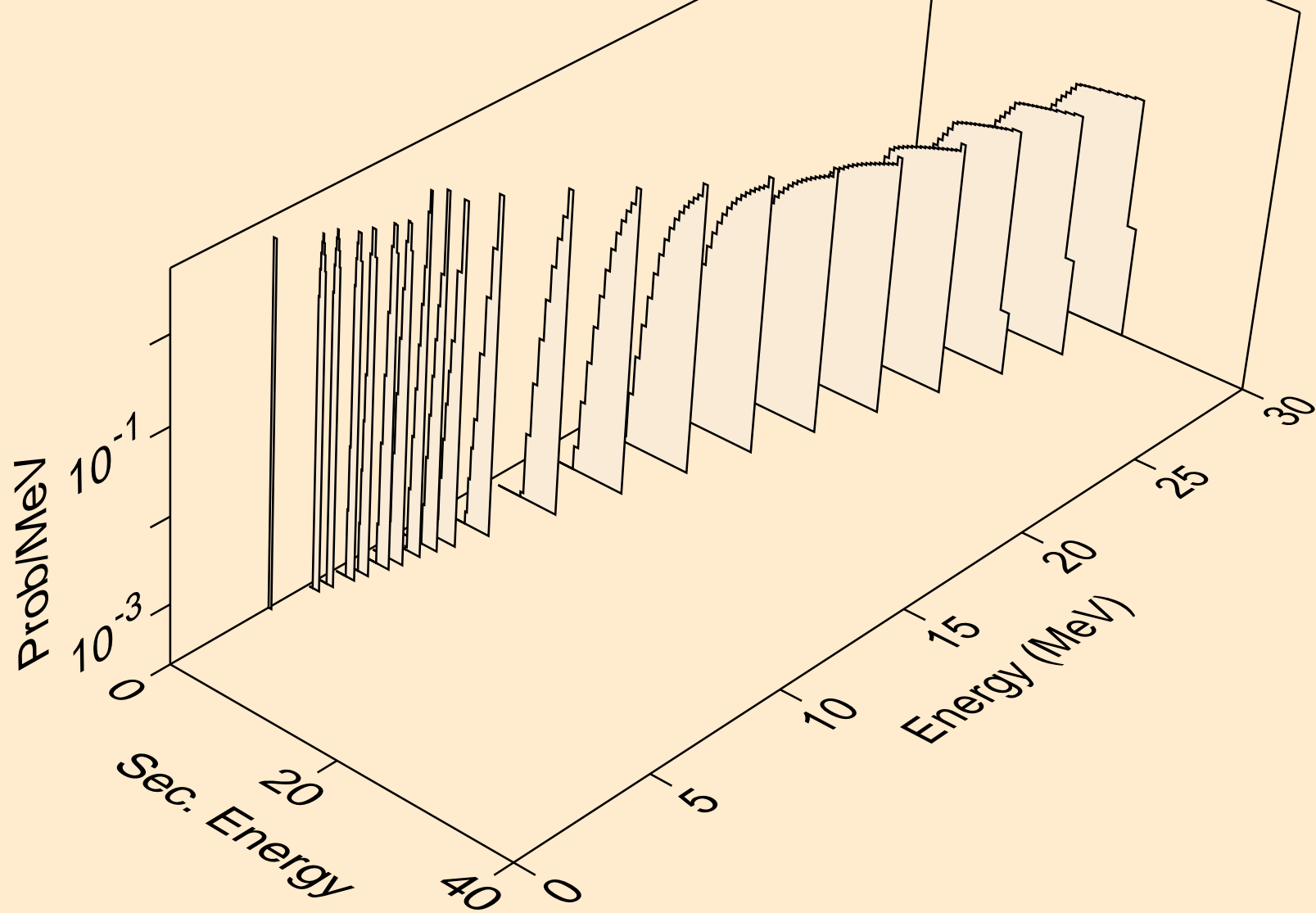




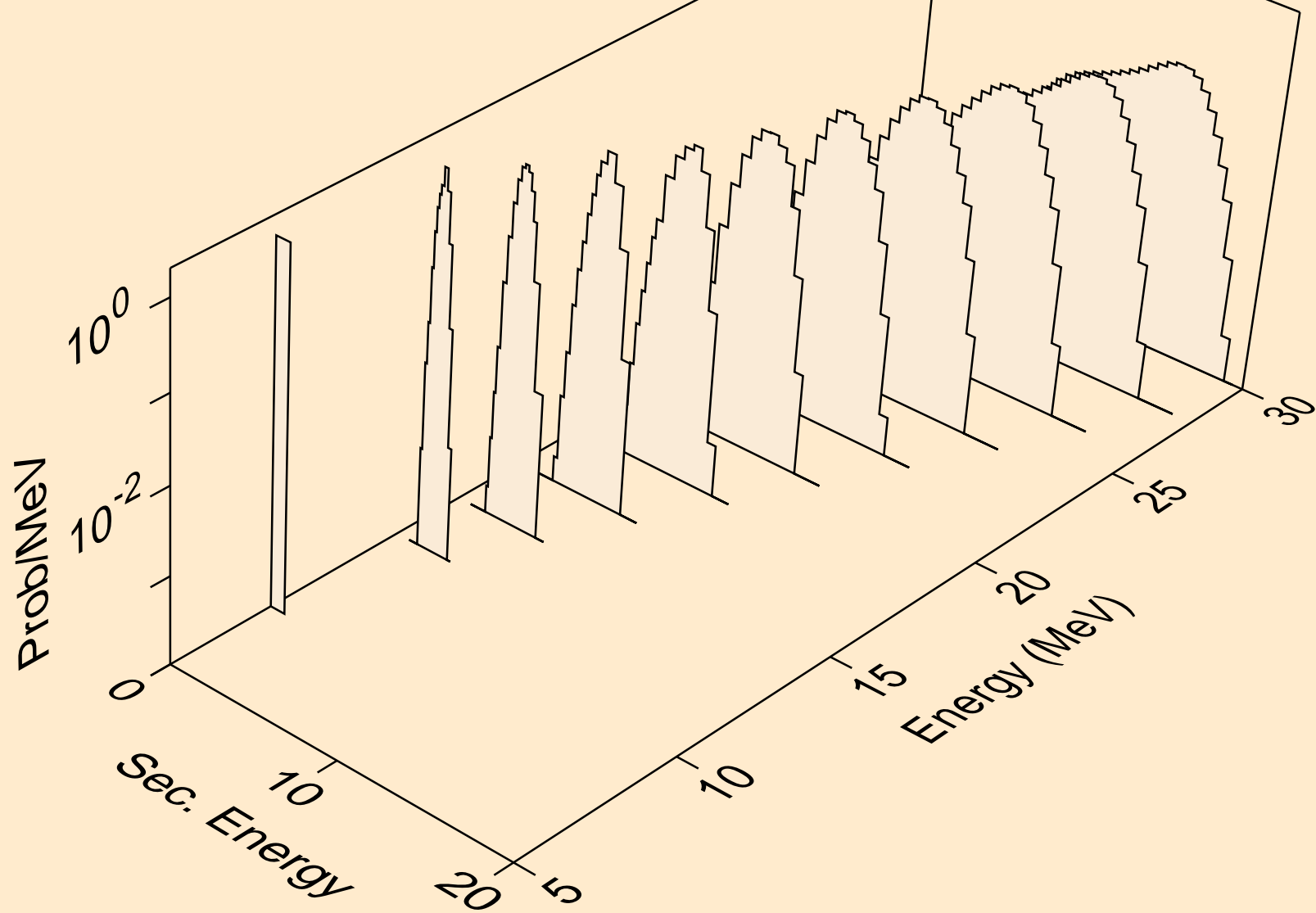
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deuterons from (n,n\*)d



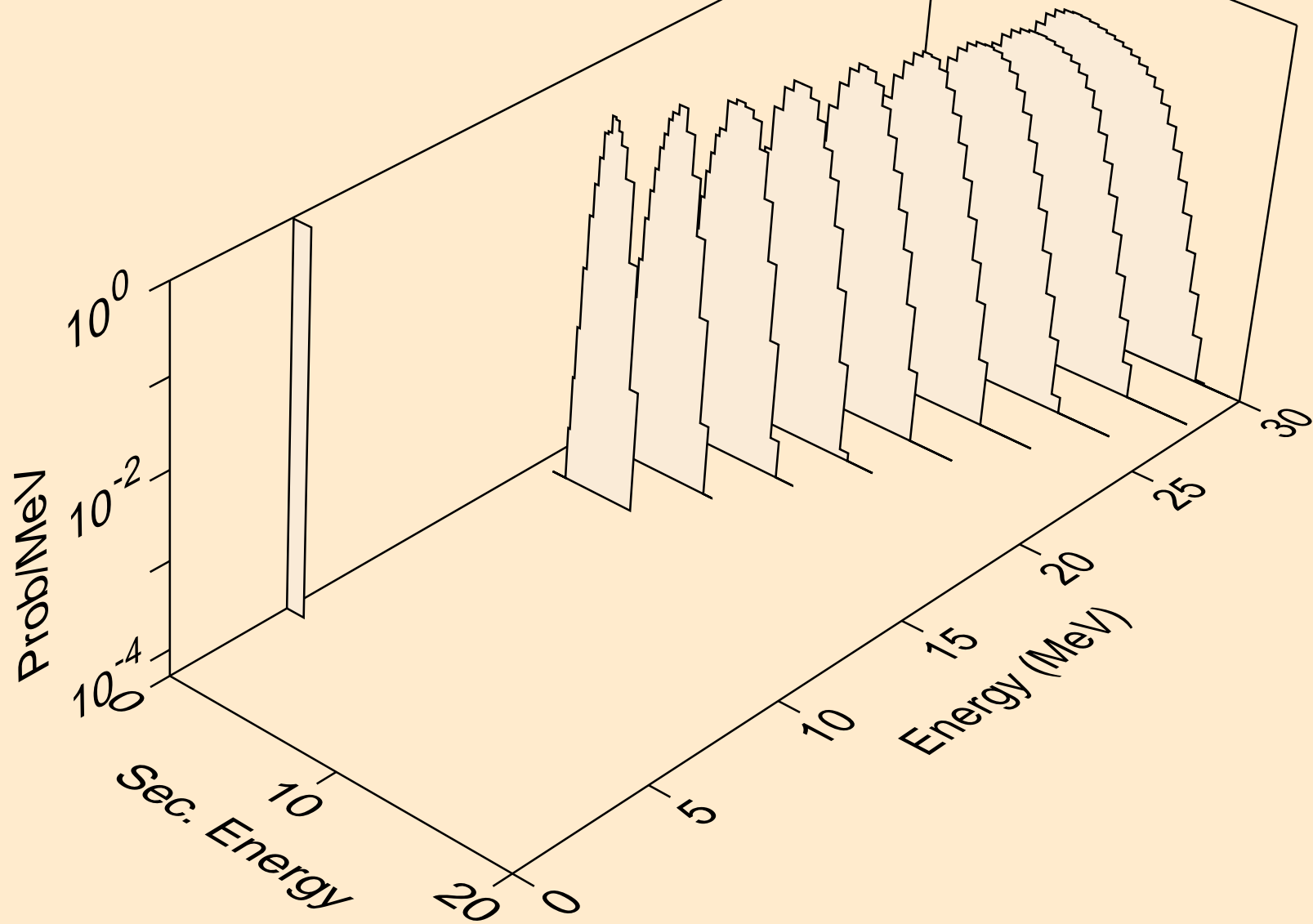
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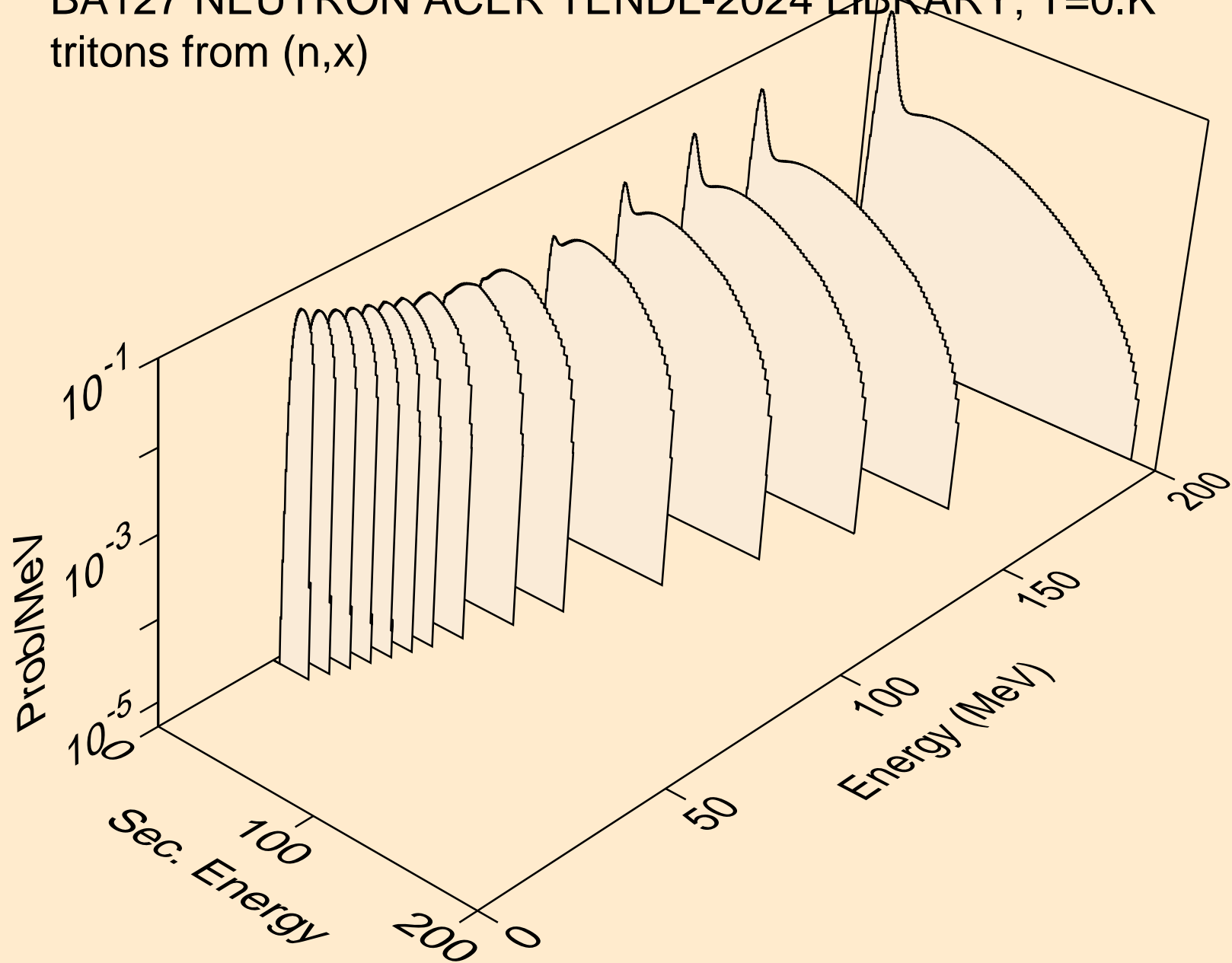
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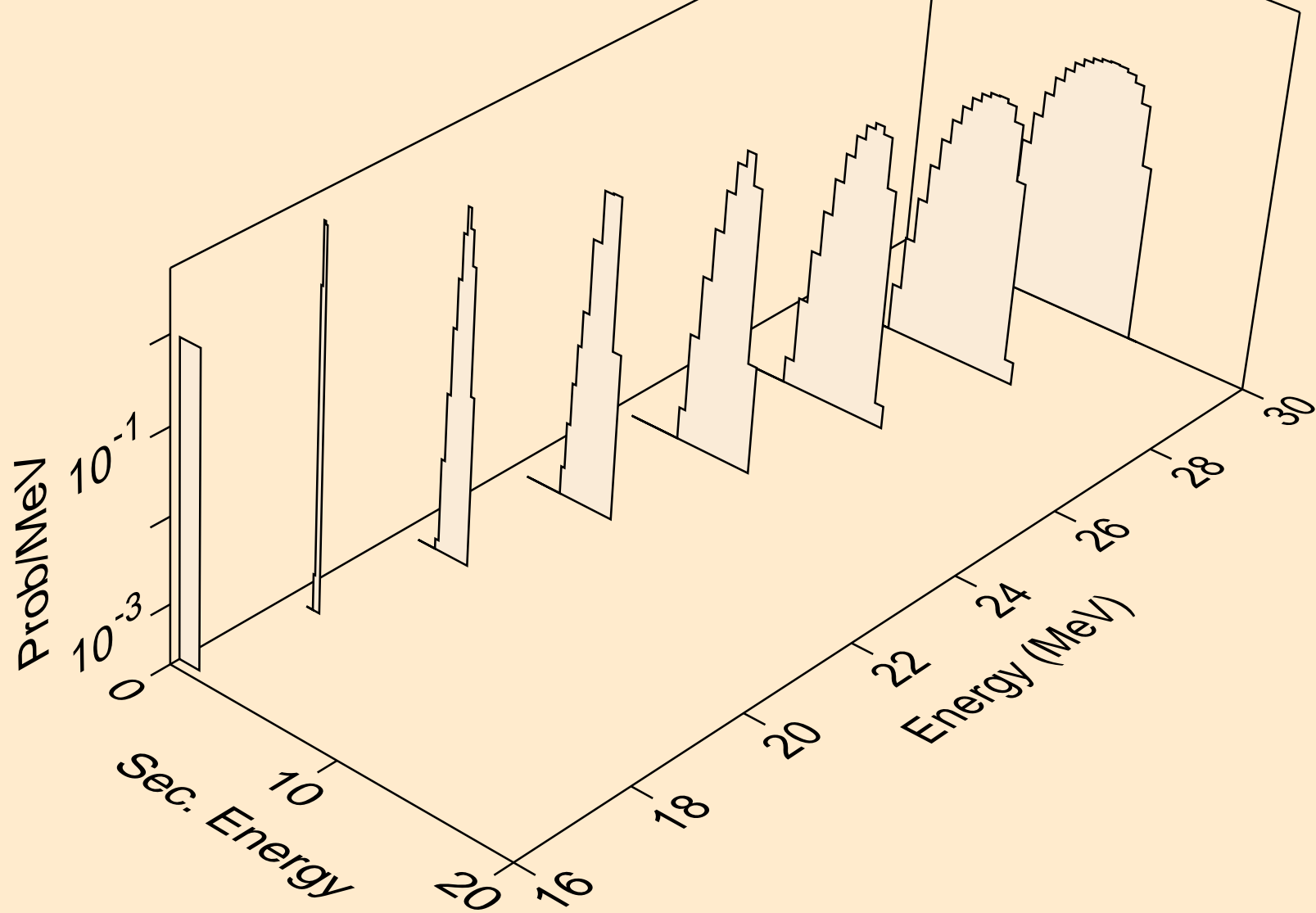
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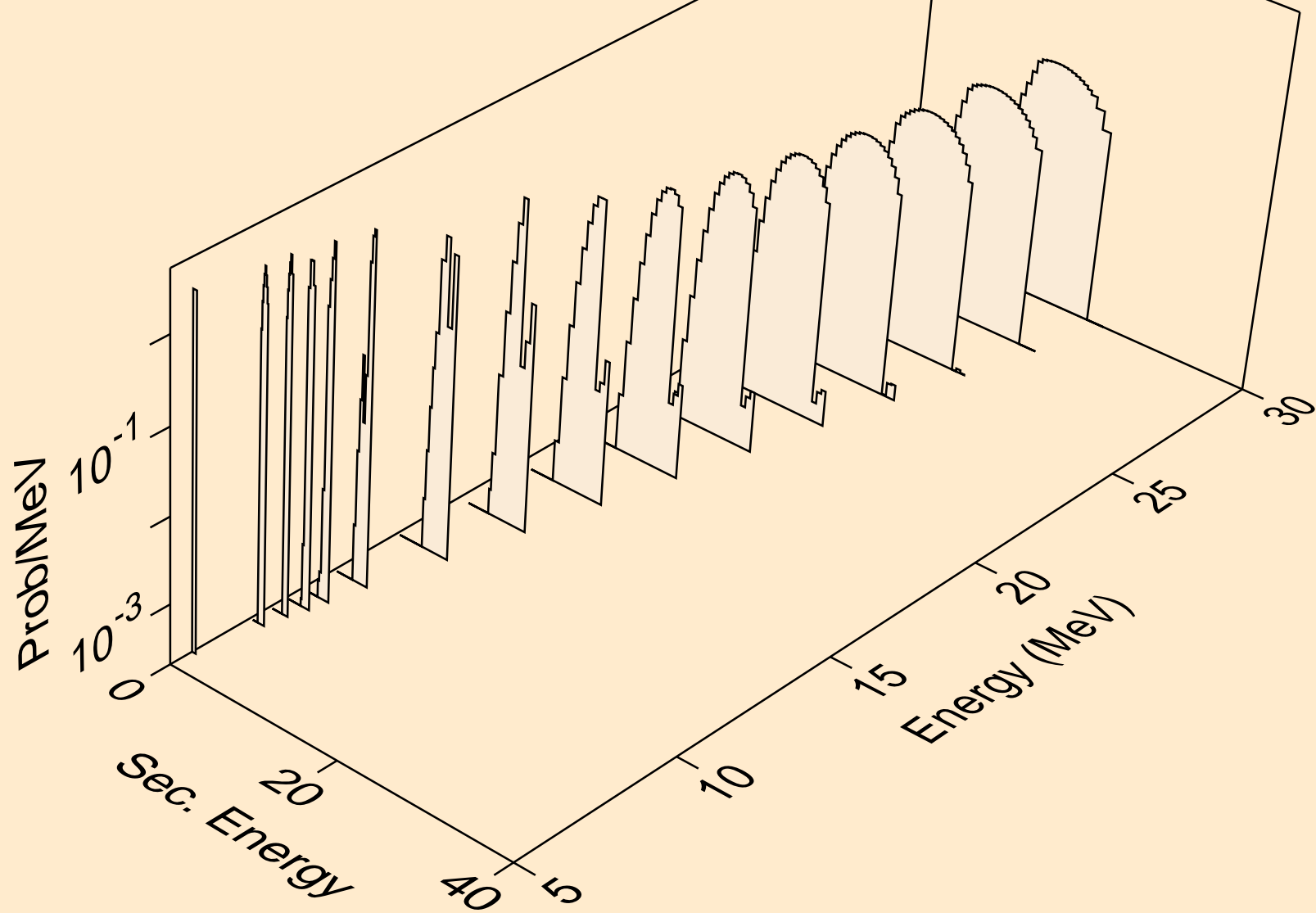
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tritons from (n,x)



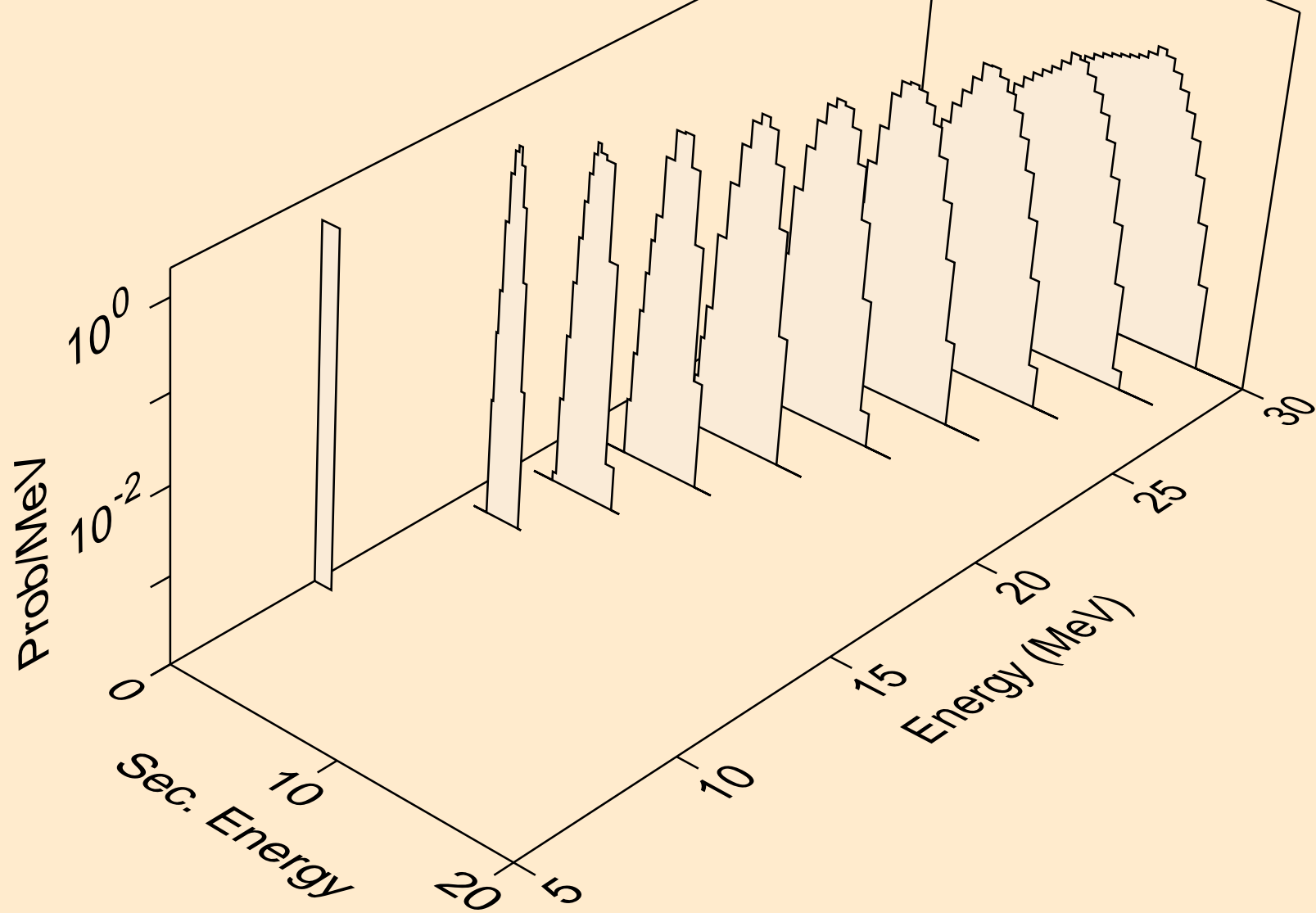
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

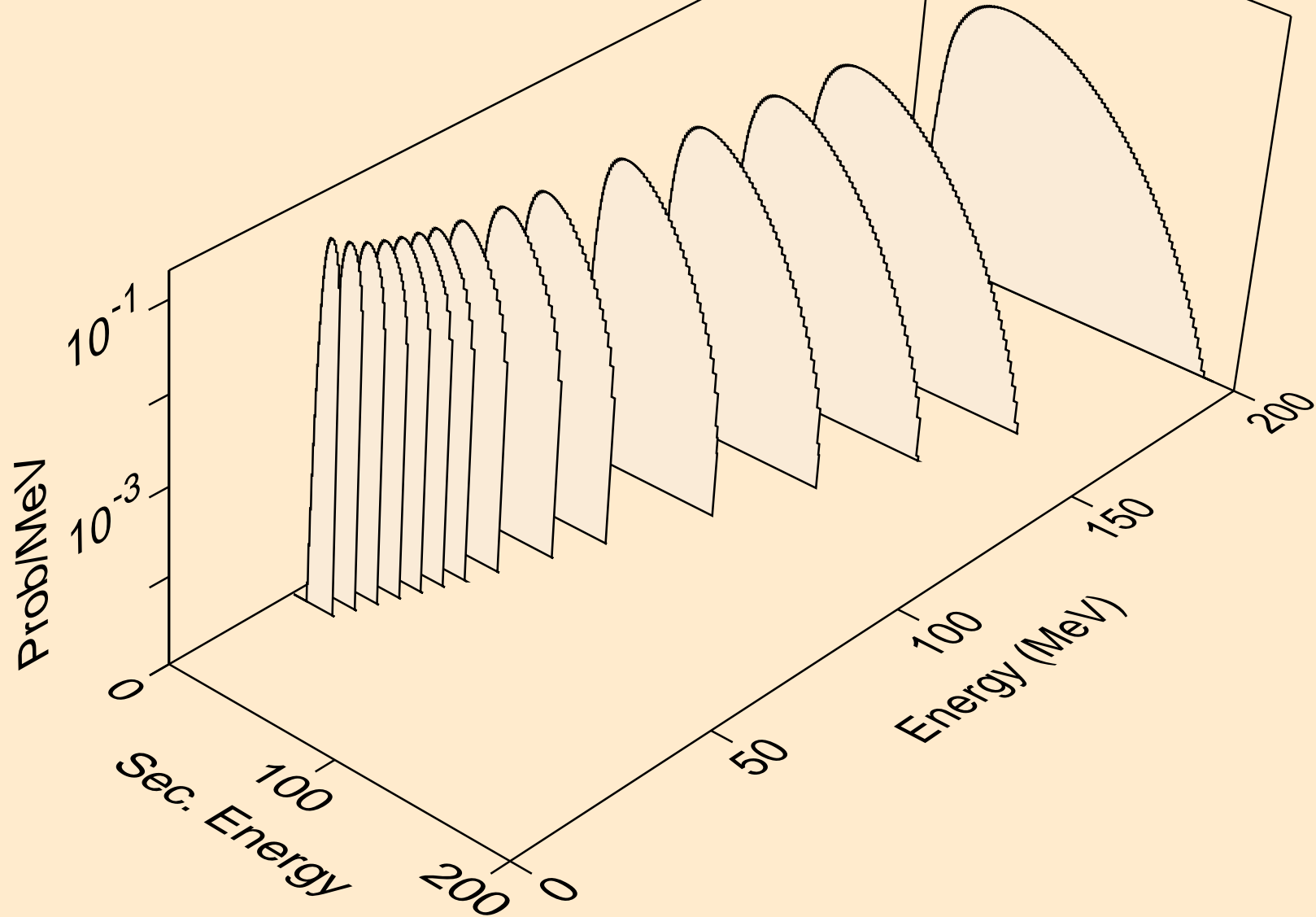


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

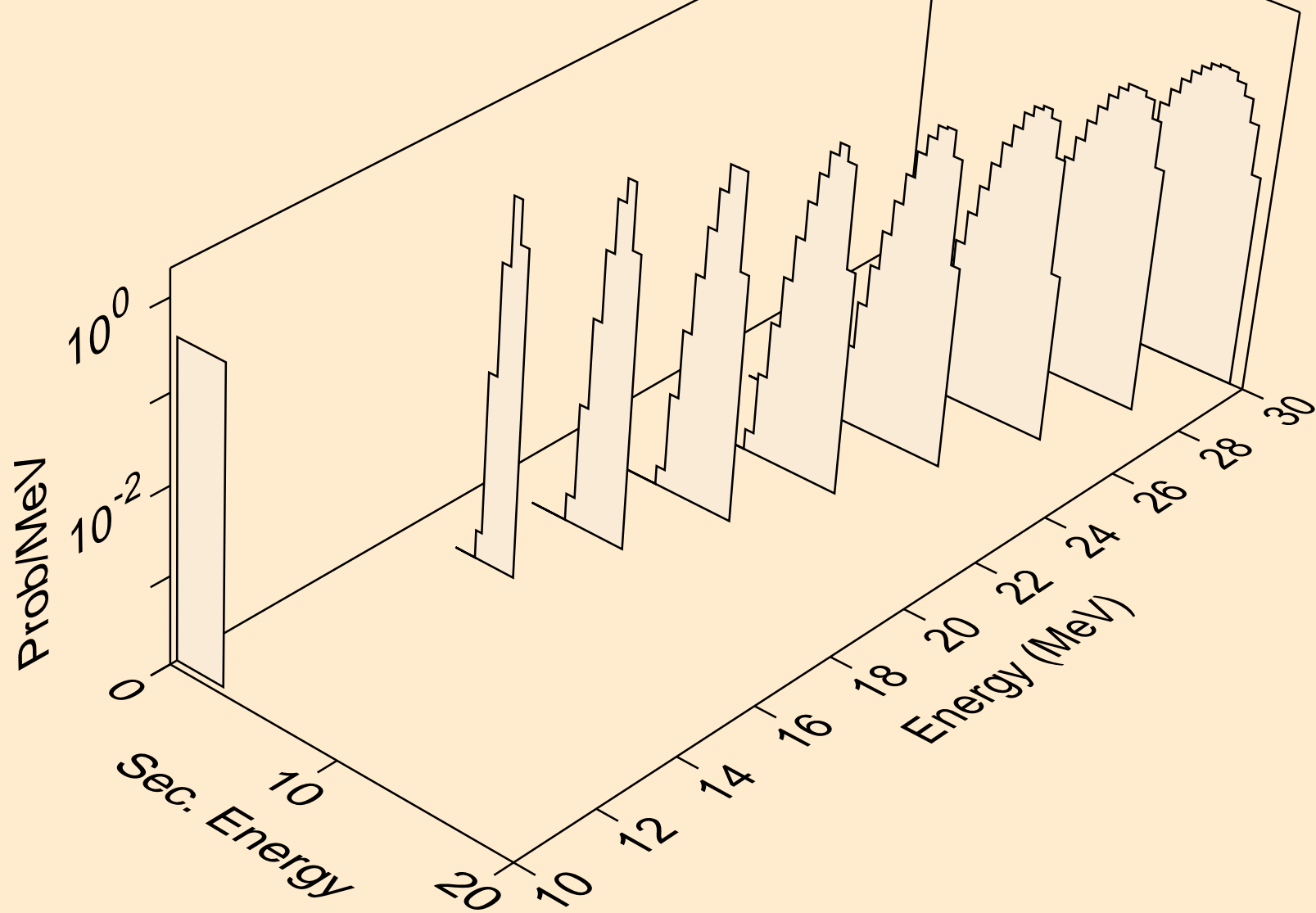




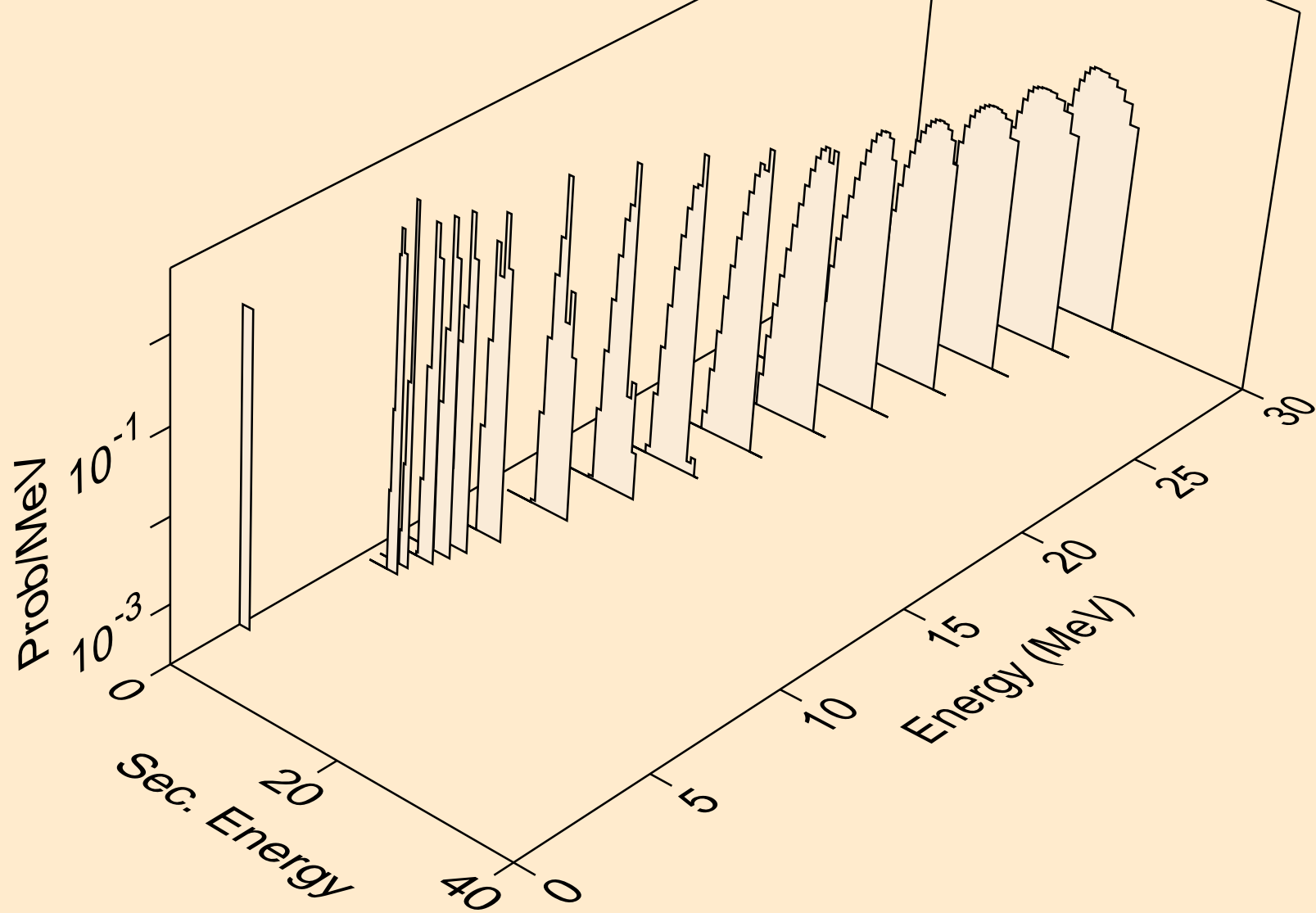
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



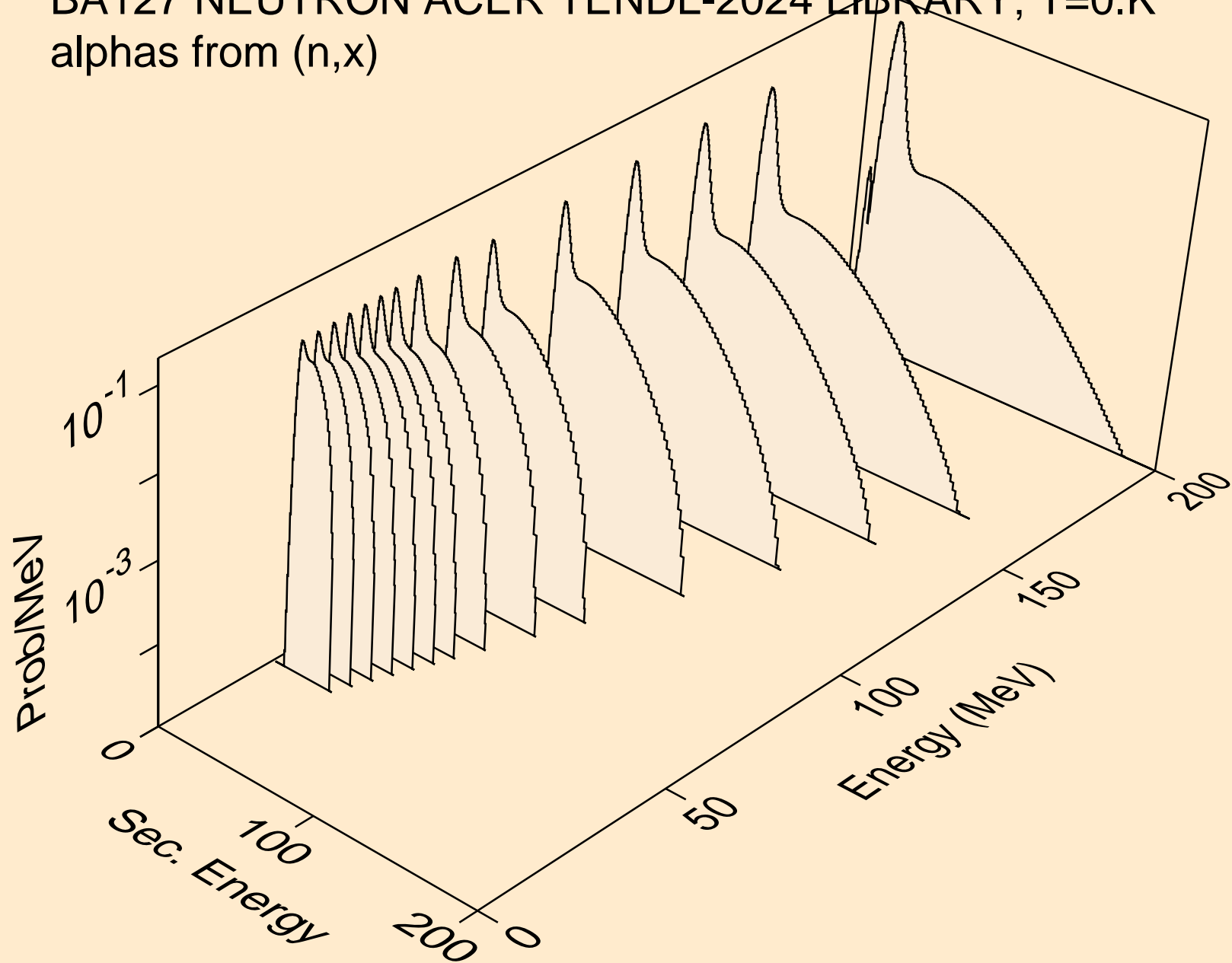
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he3s from (n,n\*)he3



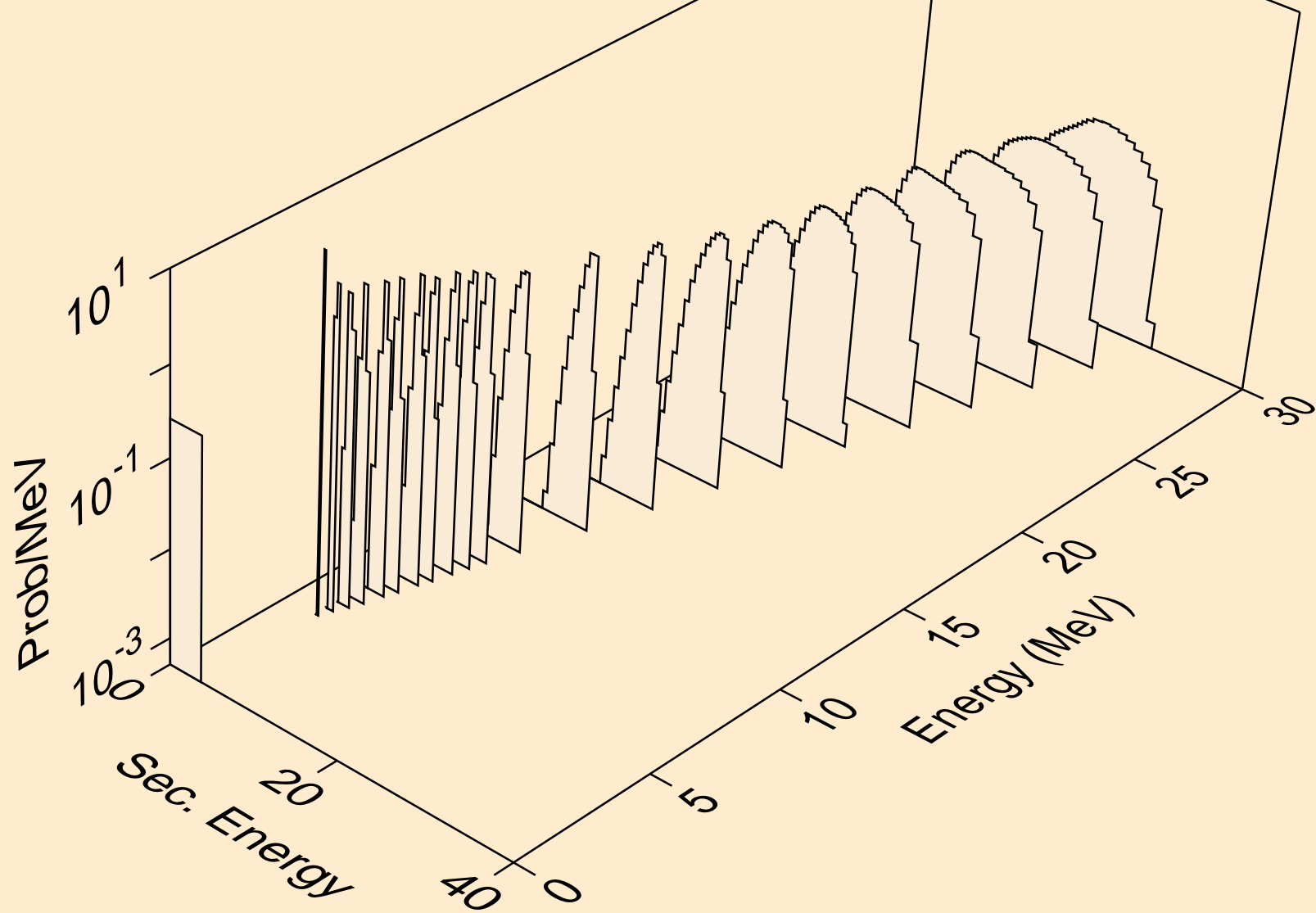
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he3s from (n,he3)



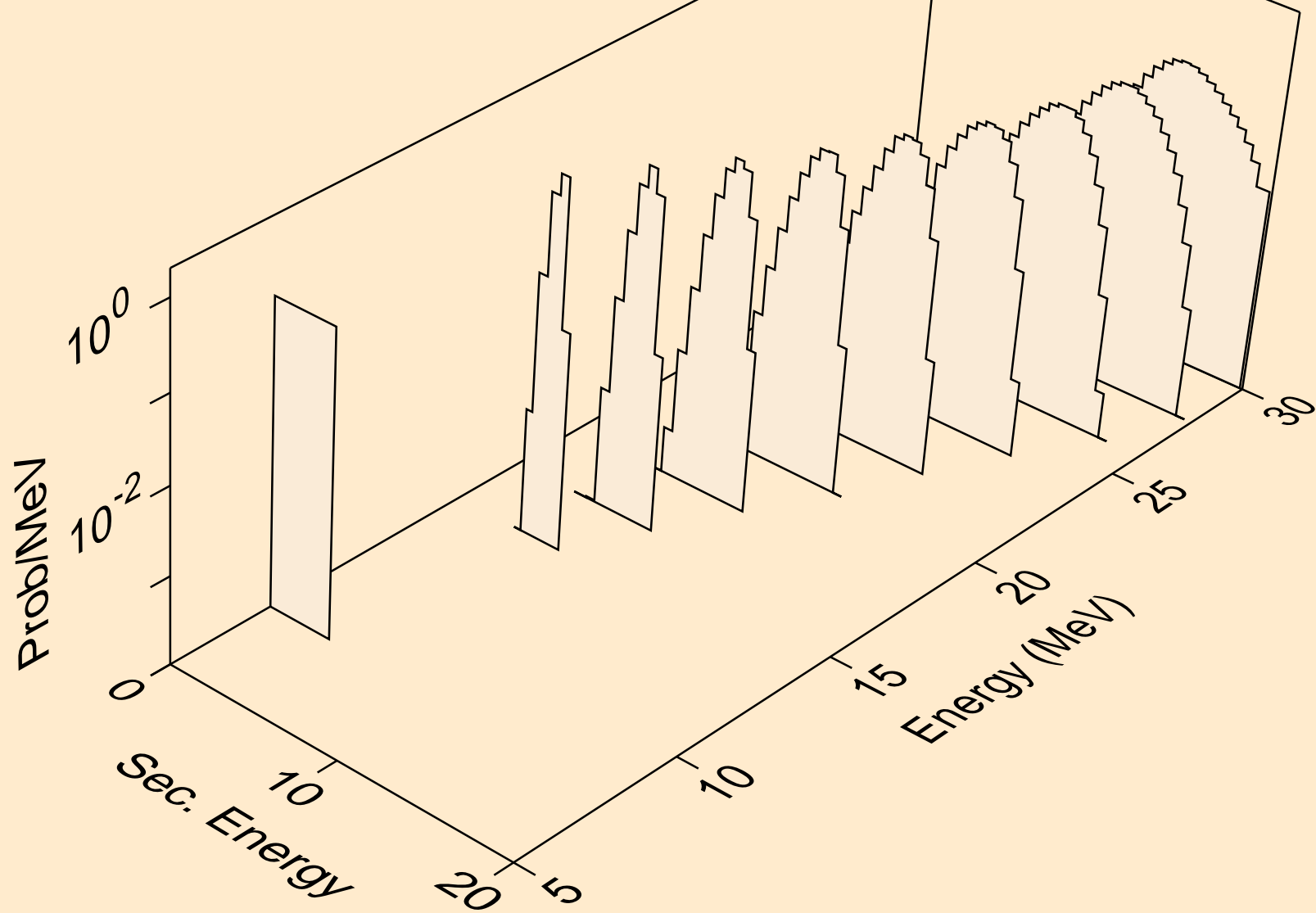
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



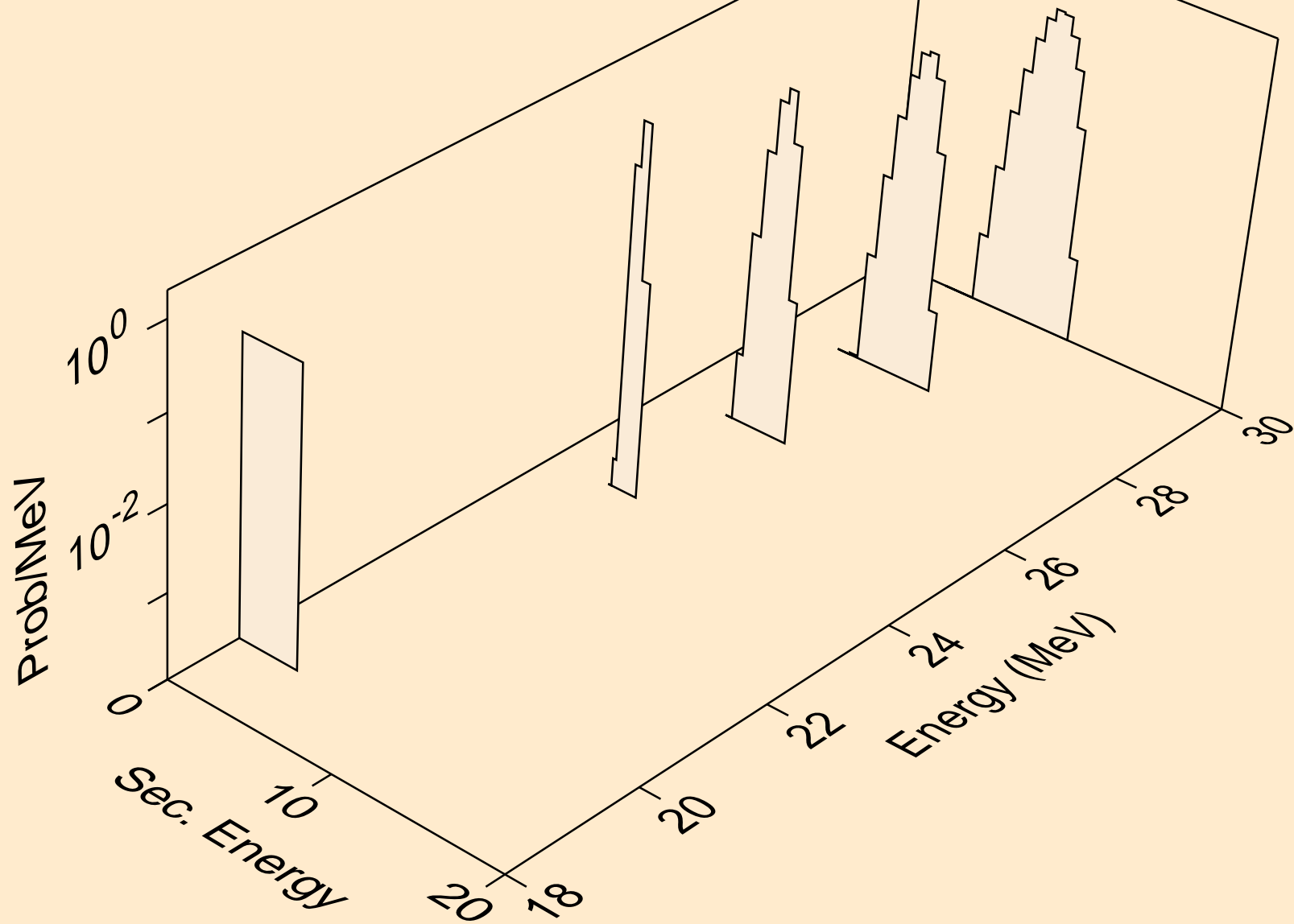
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



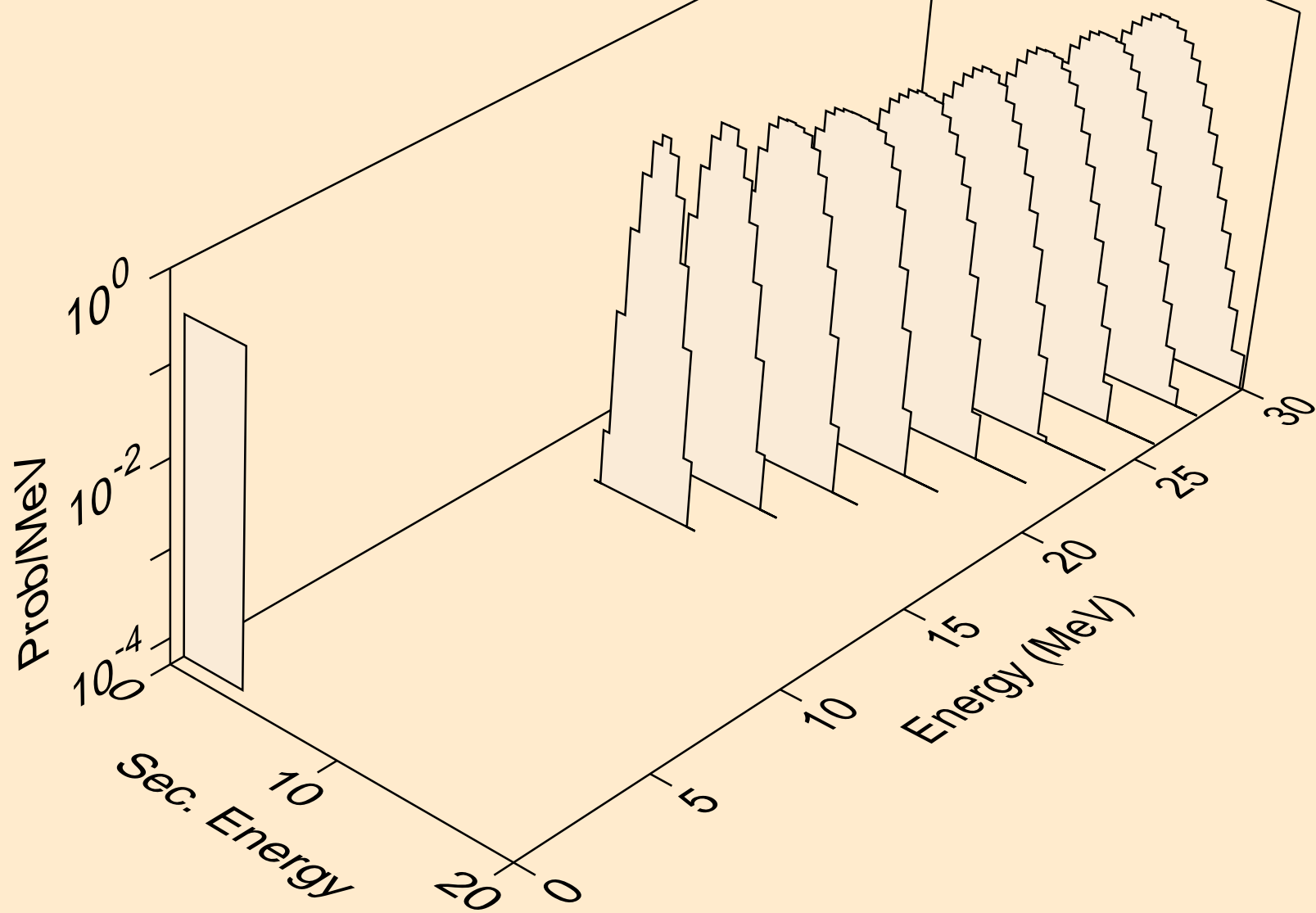
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

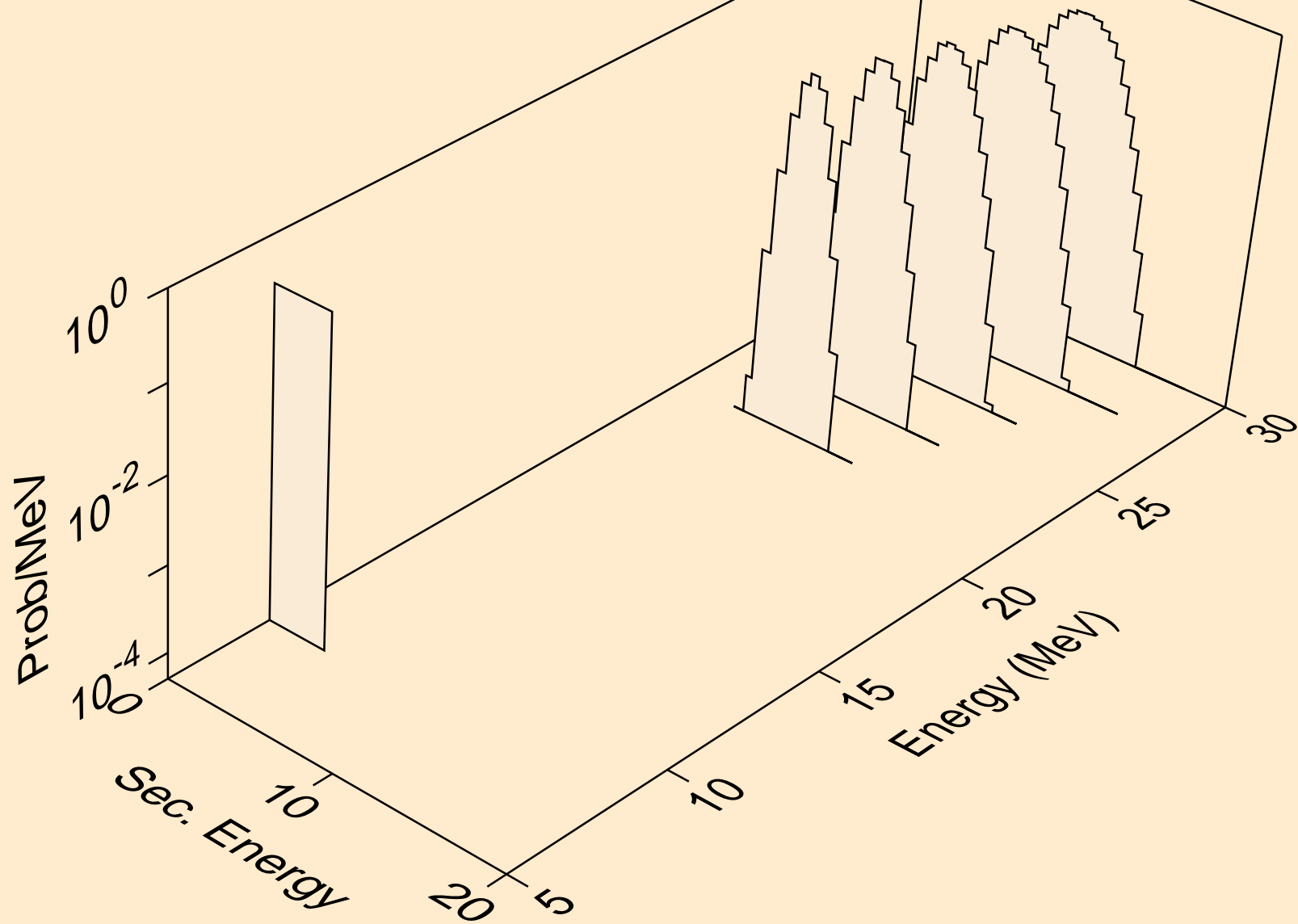


BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

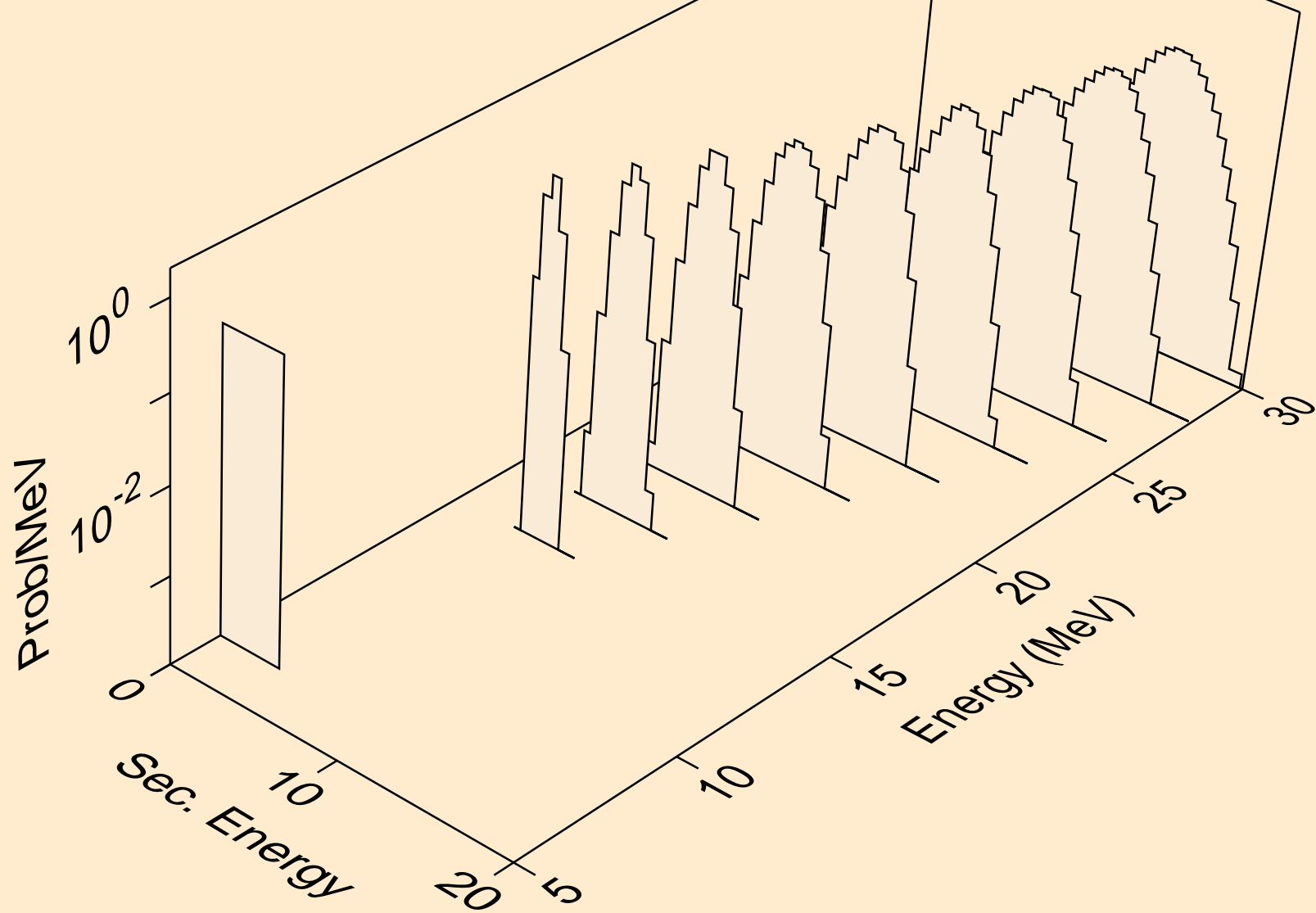




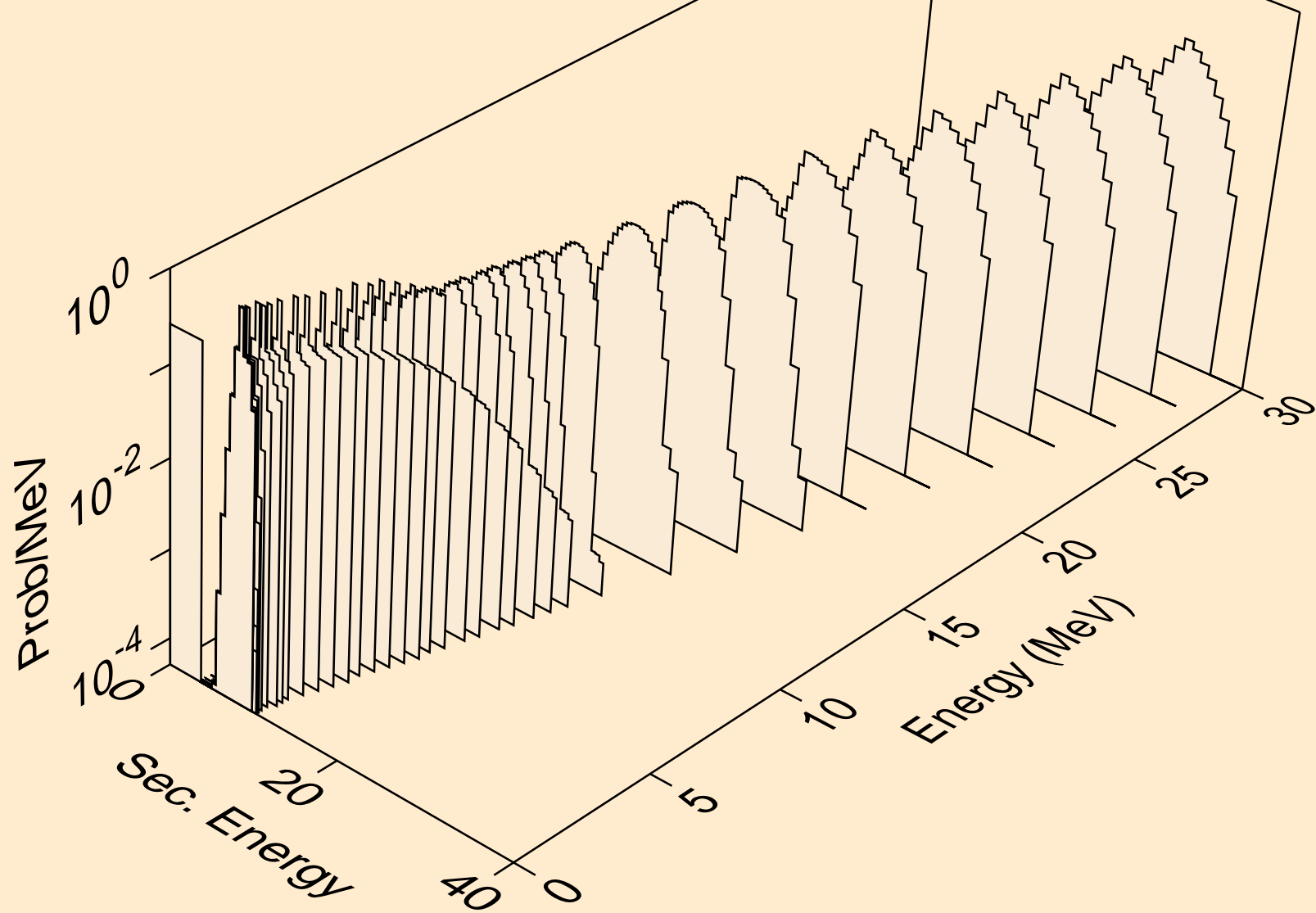
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



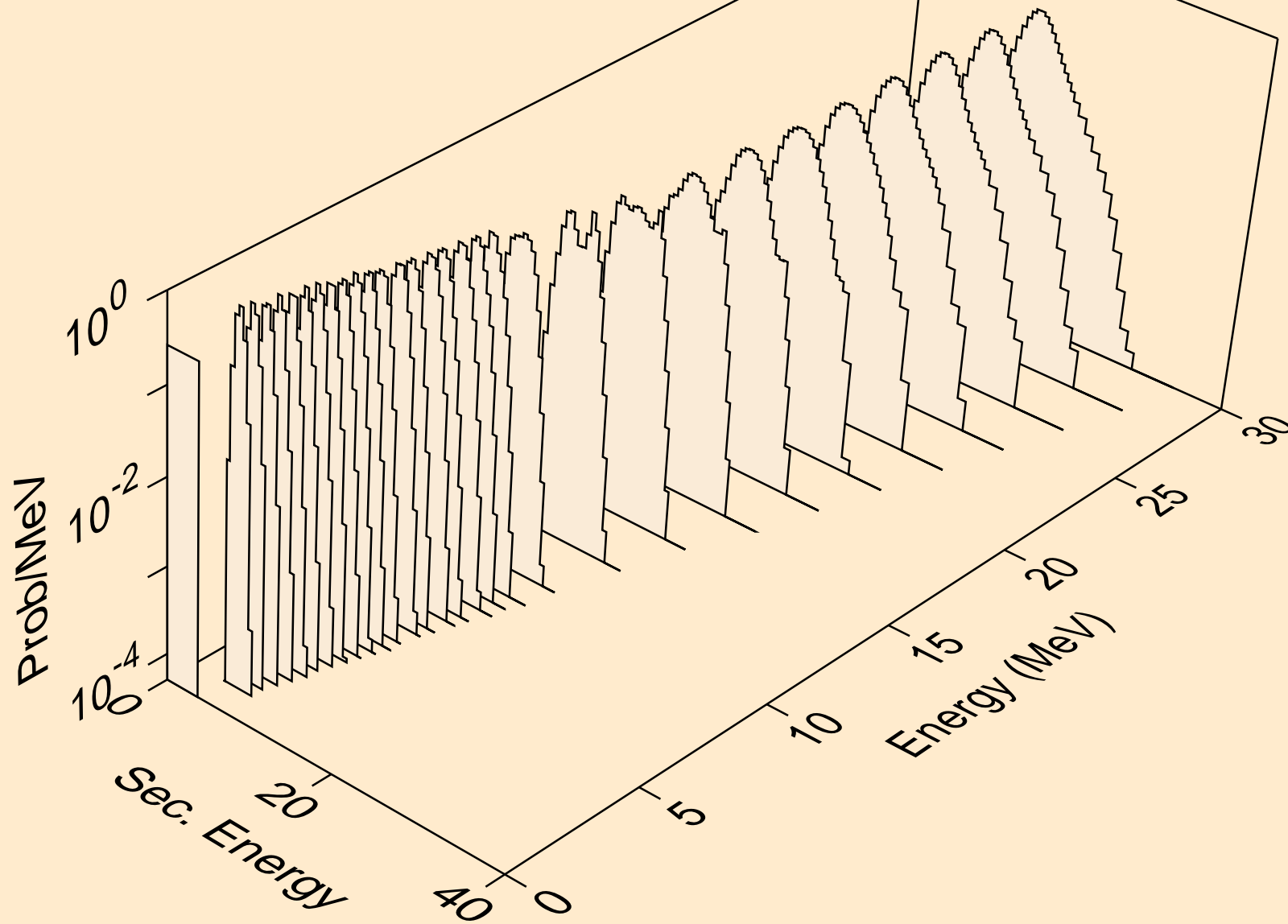
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



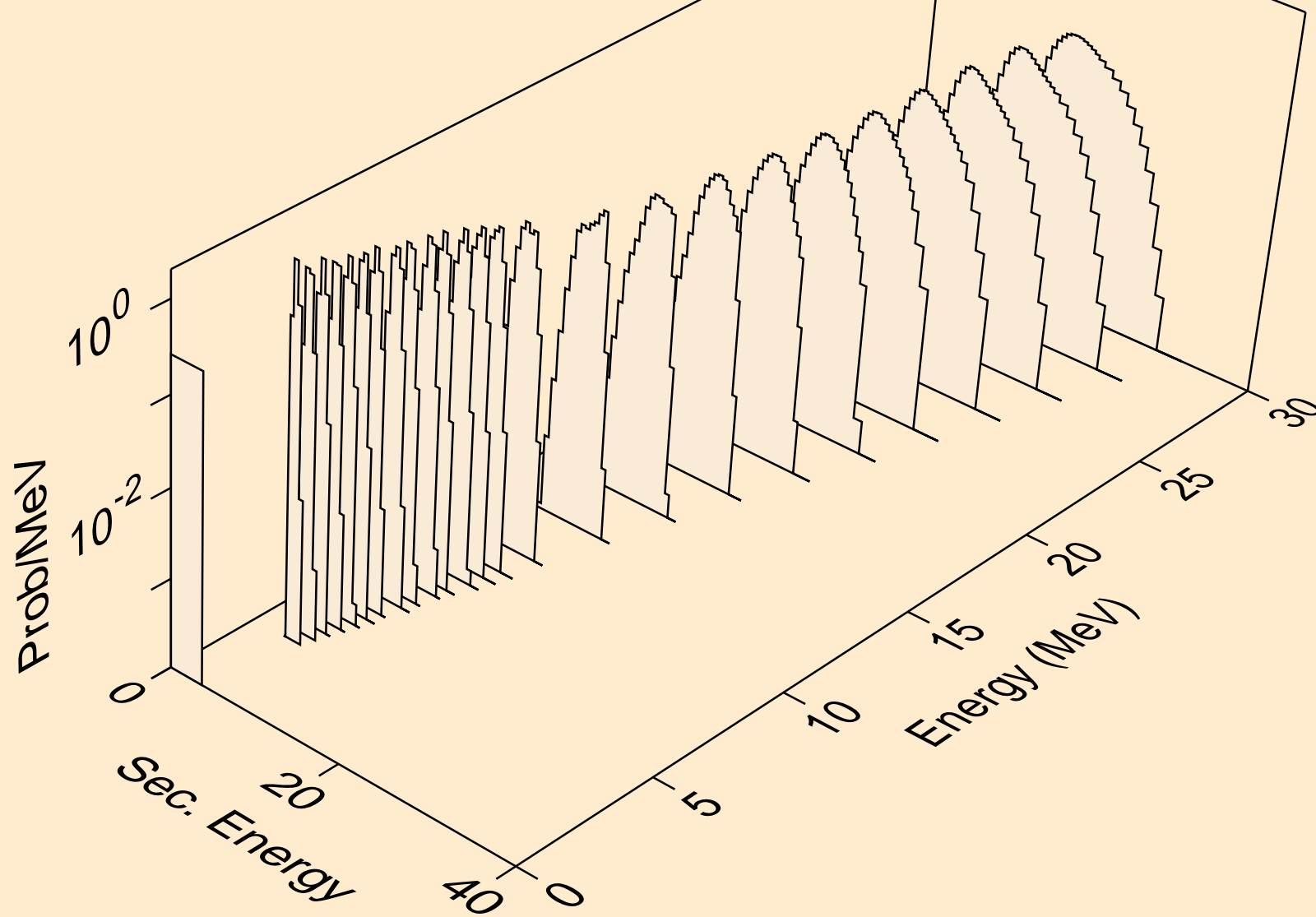
BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



BA127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

