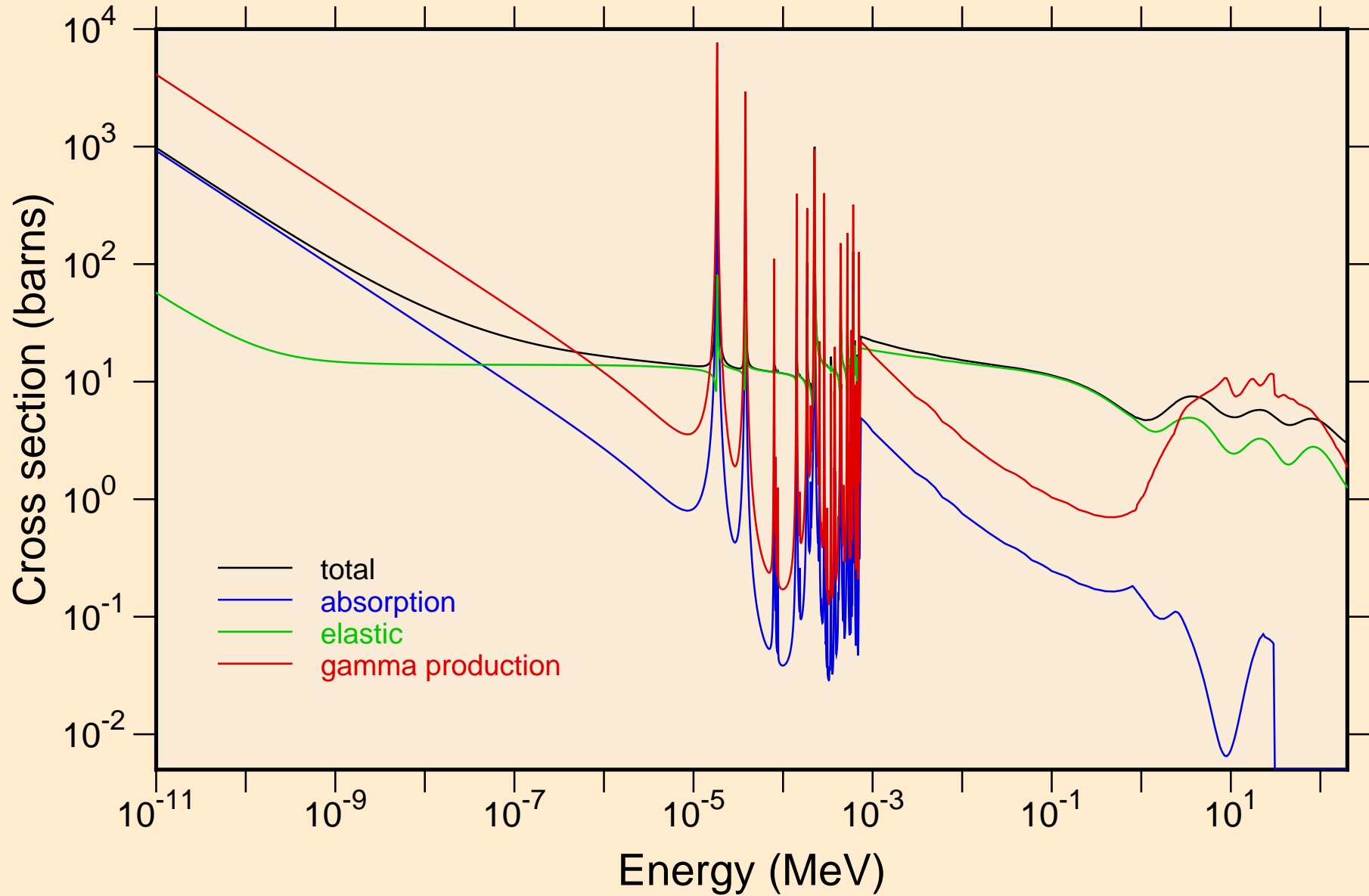
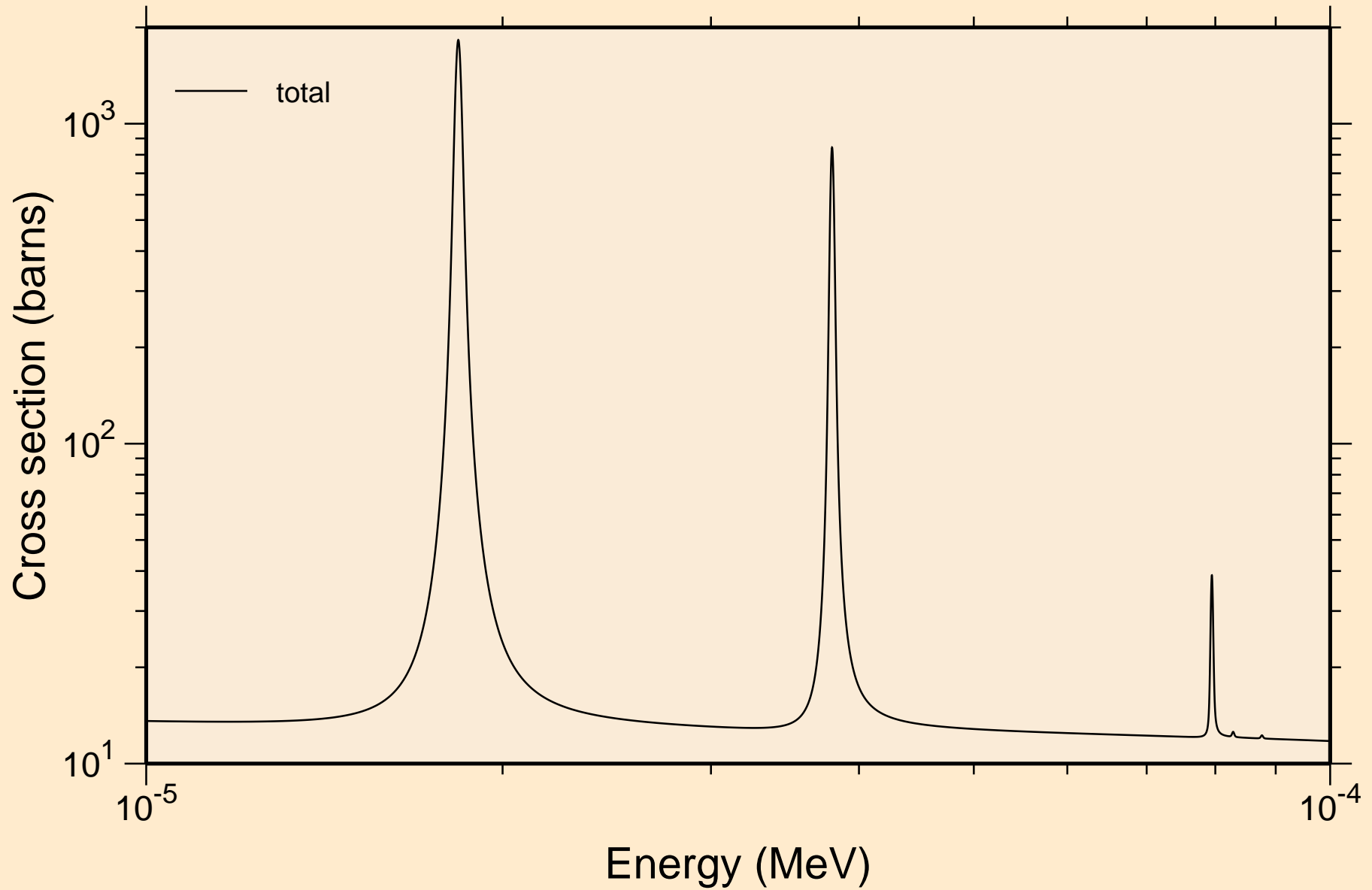


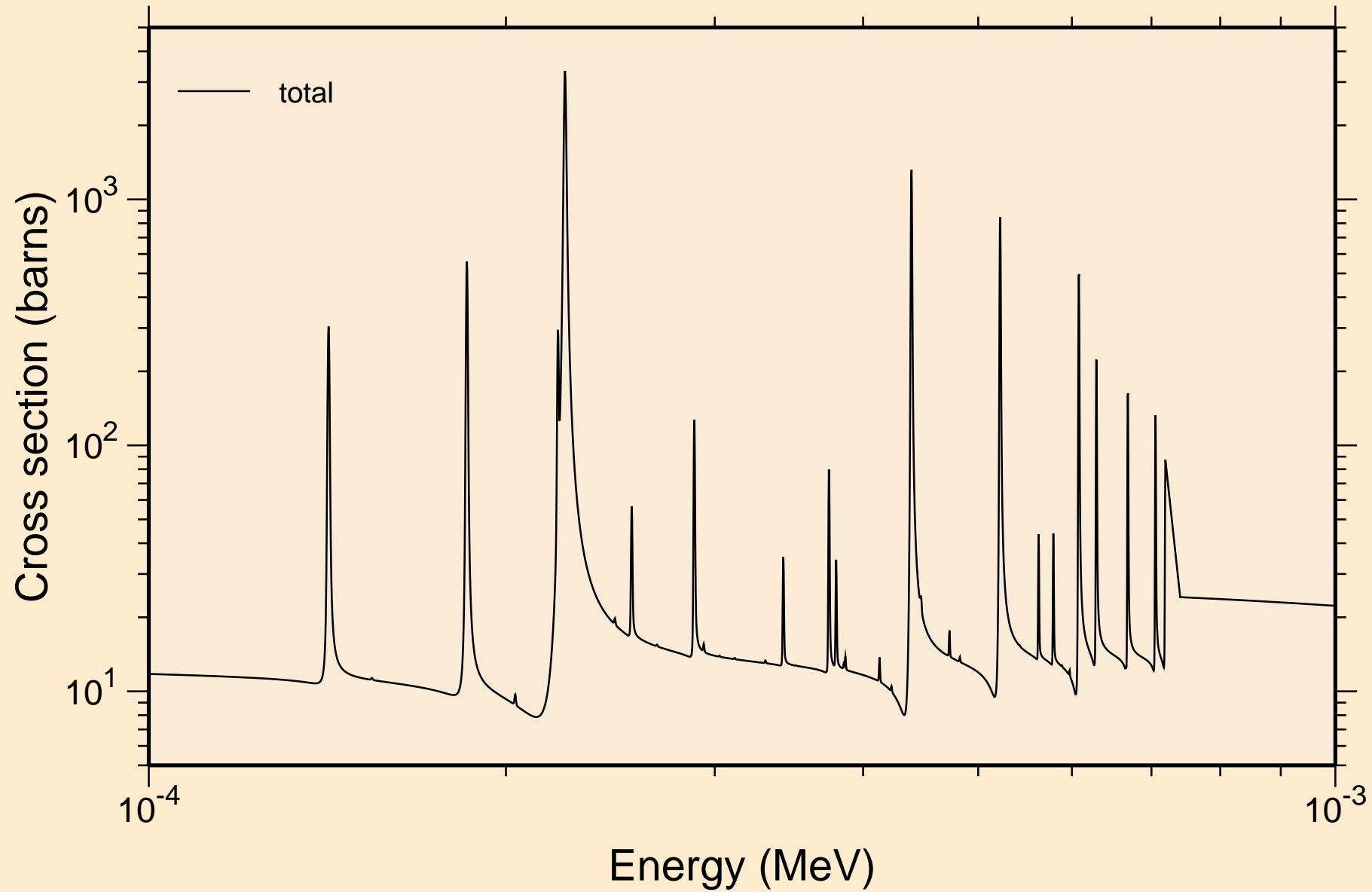
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



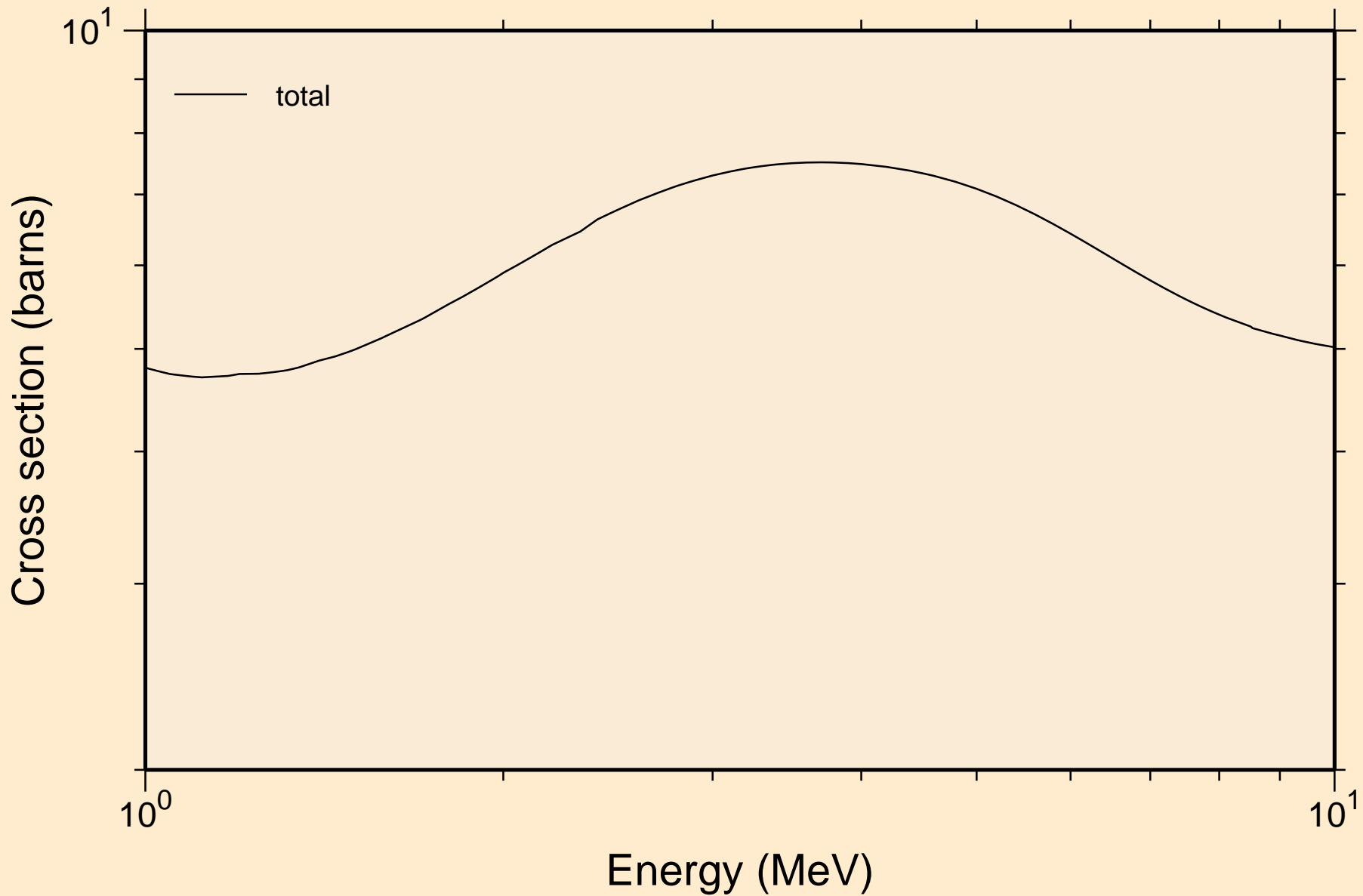
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



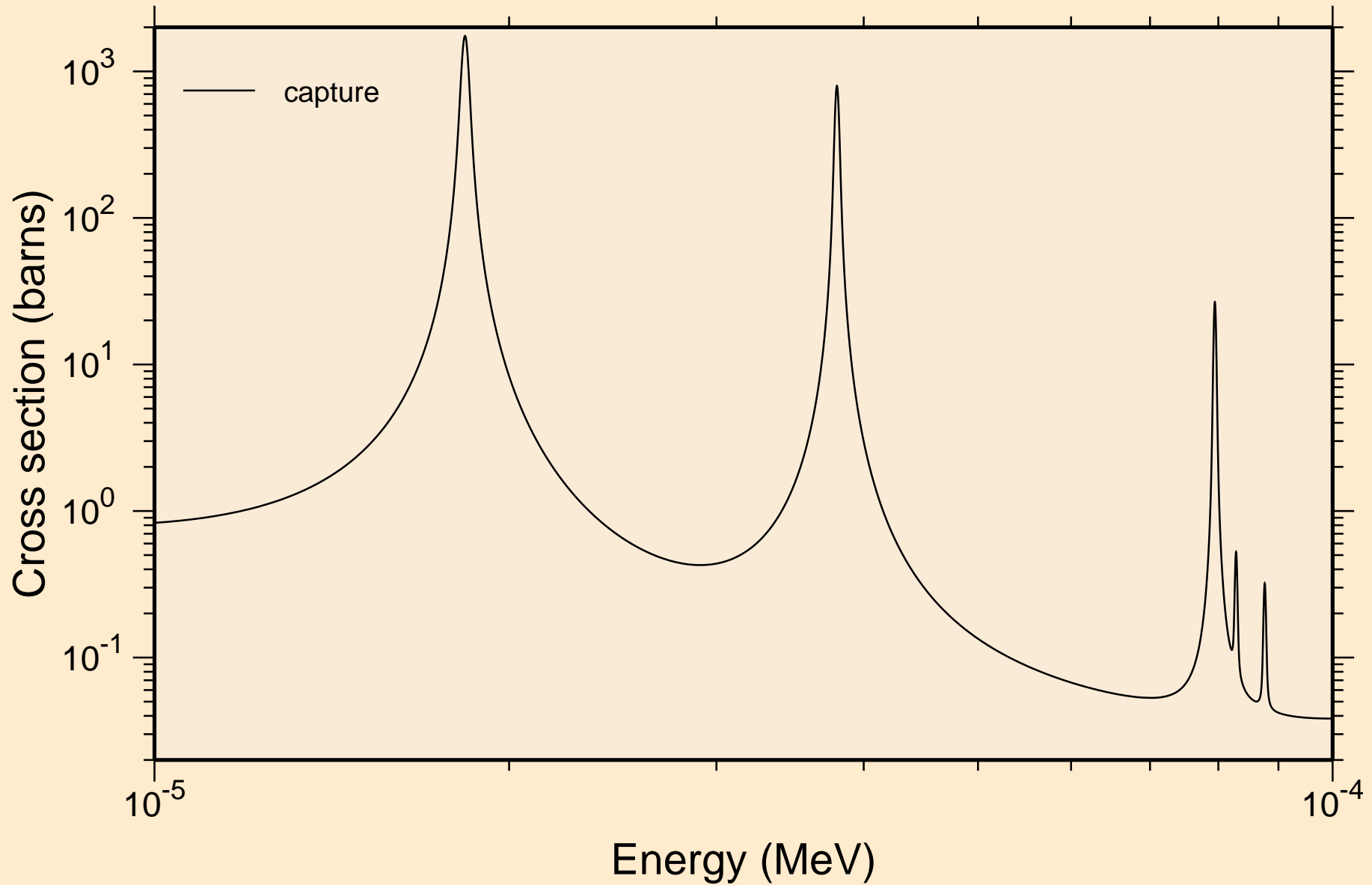
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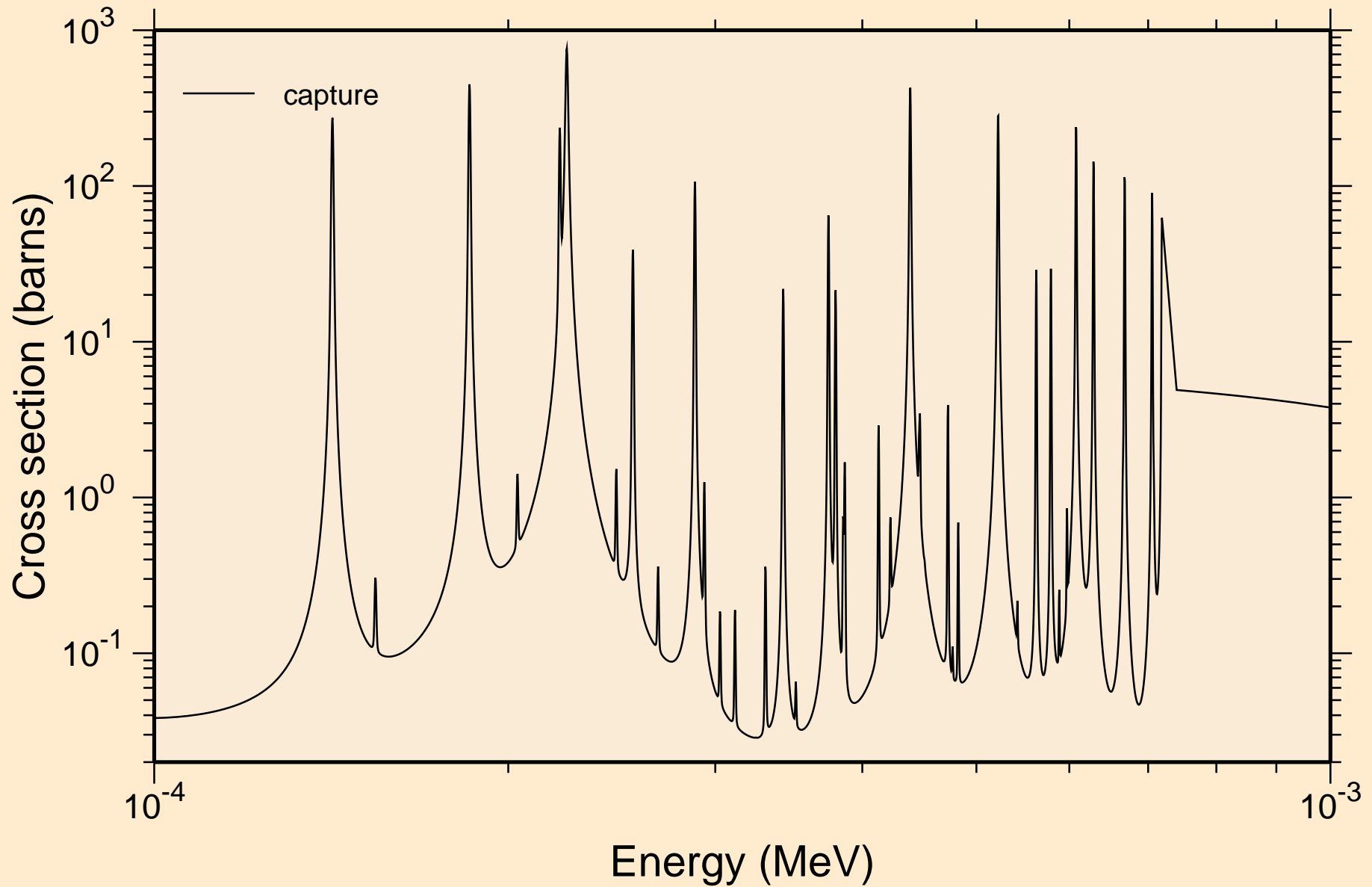
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resonance total cross section



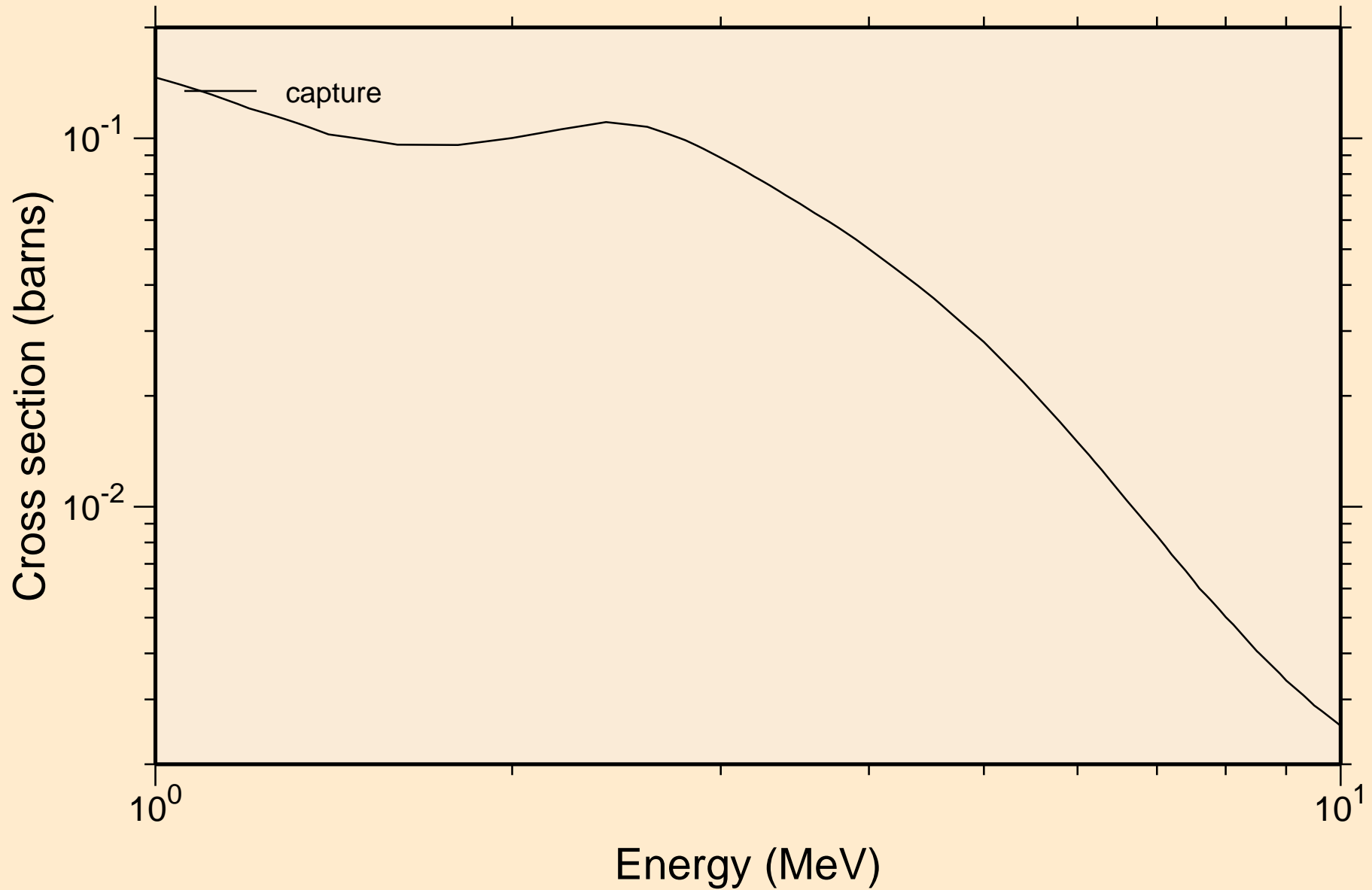
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



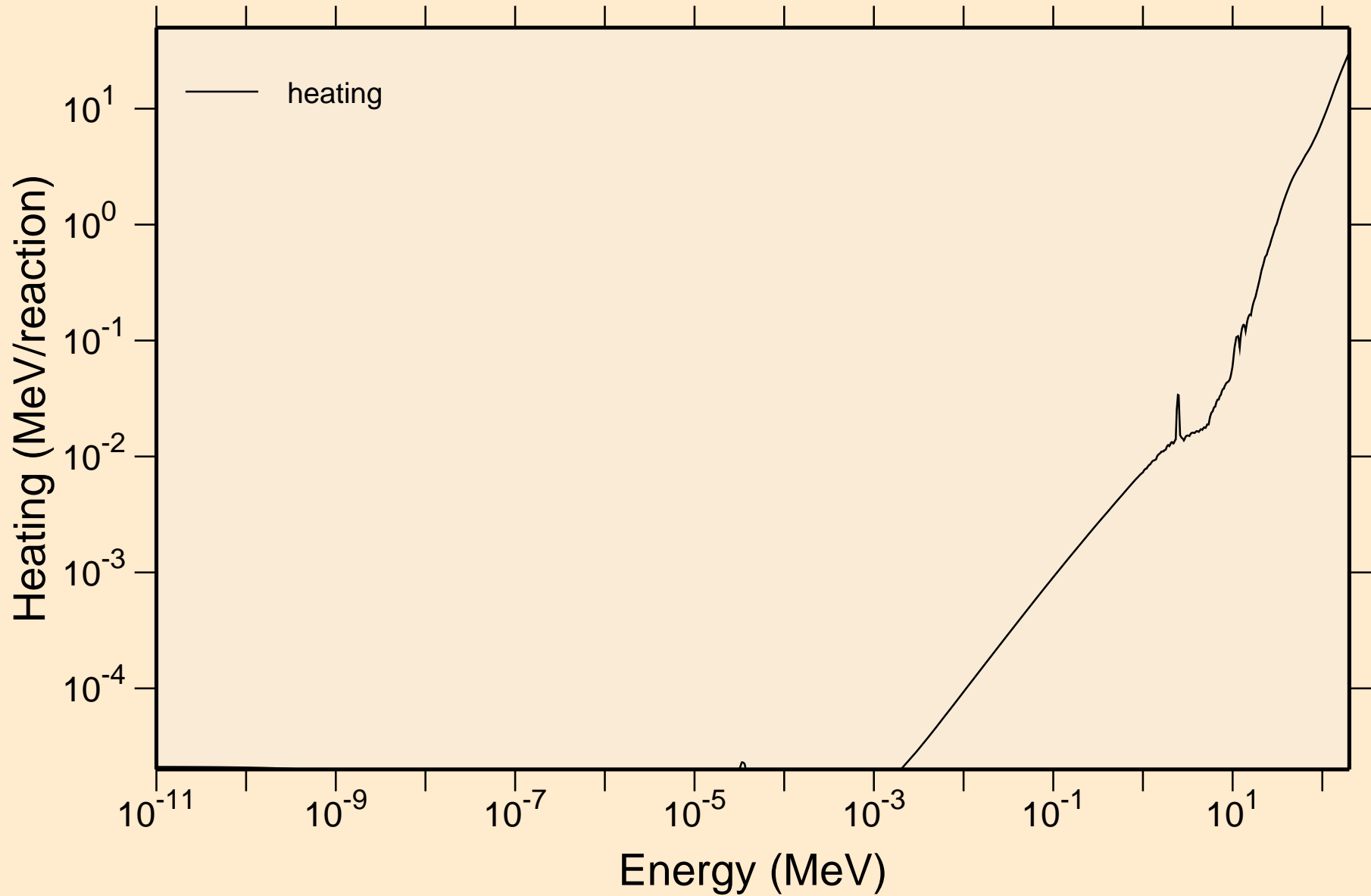
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

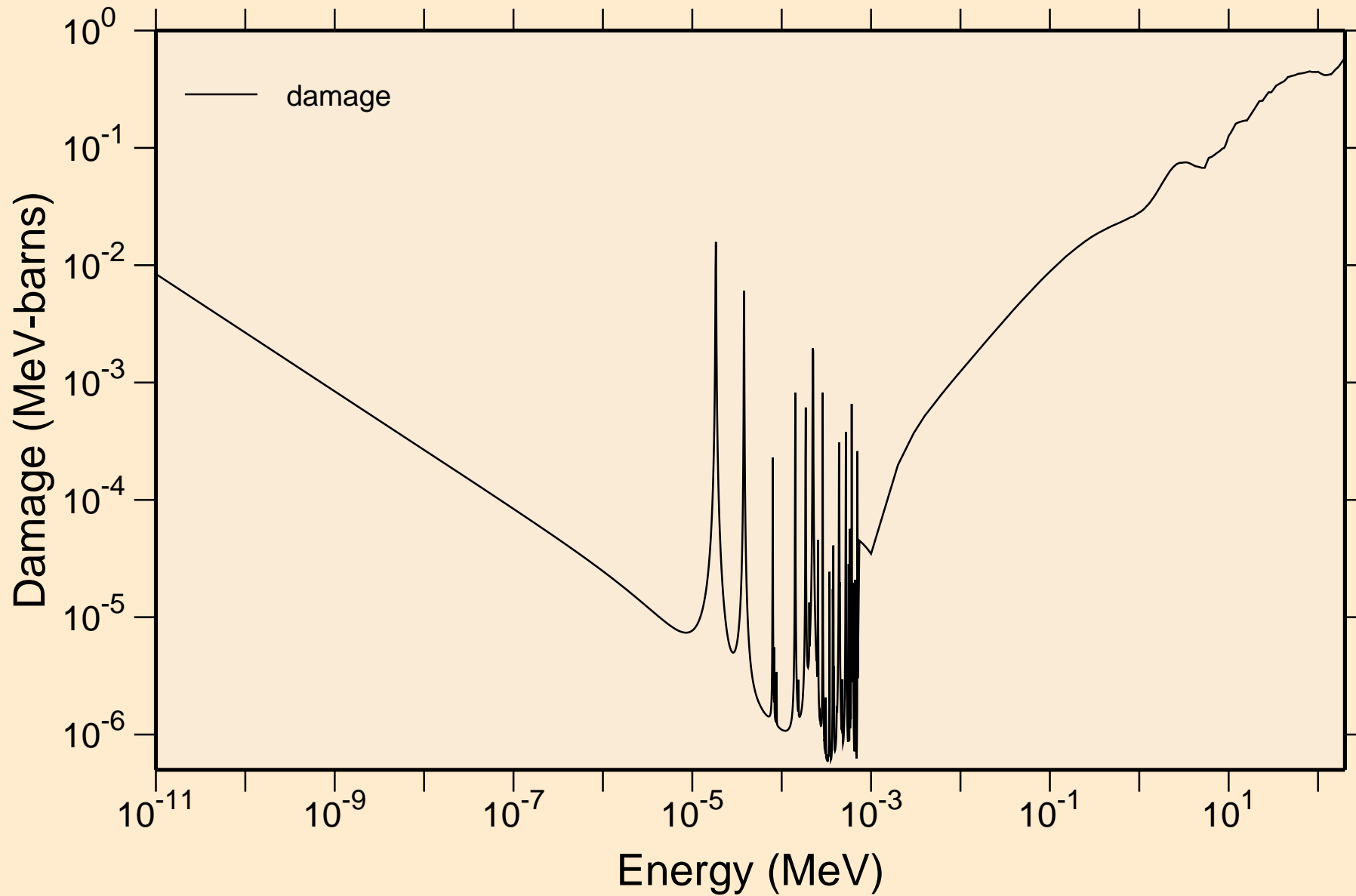


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

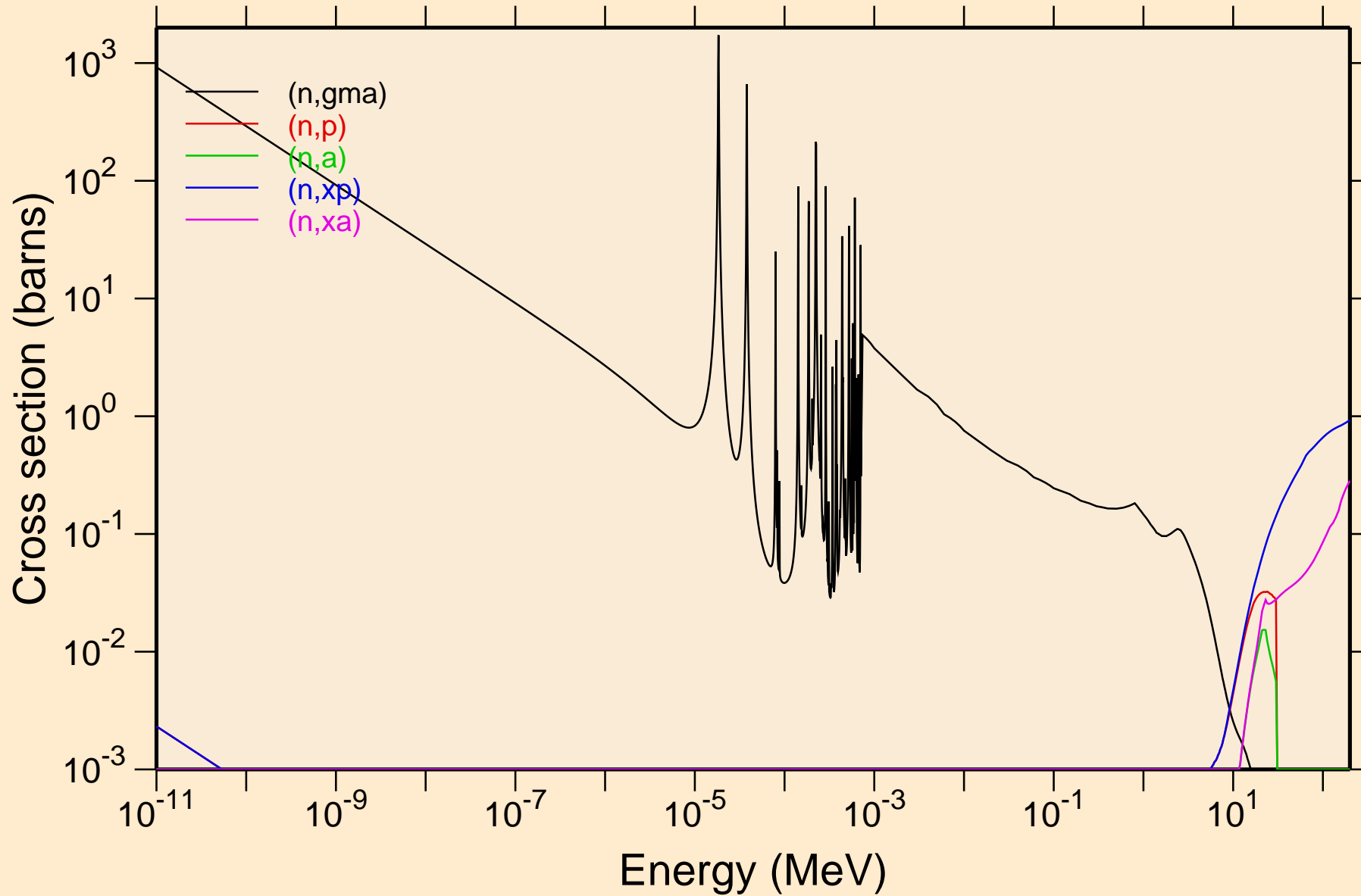




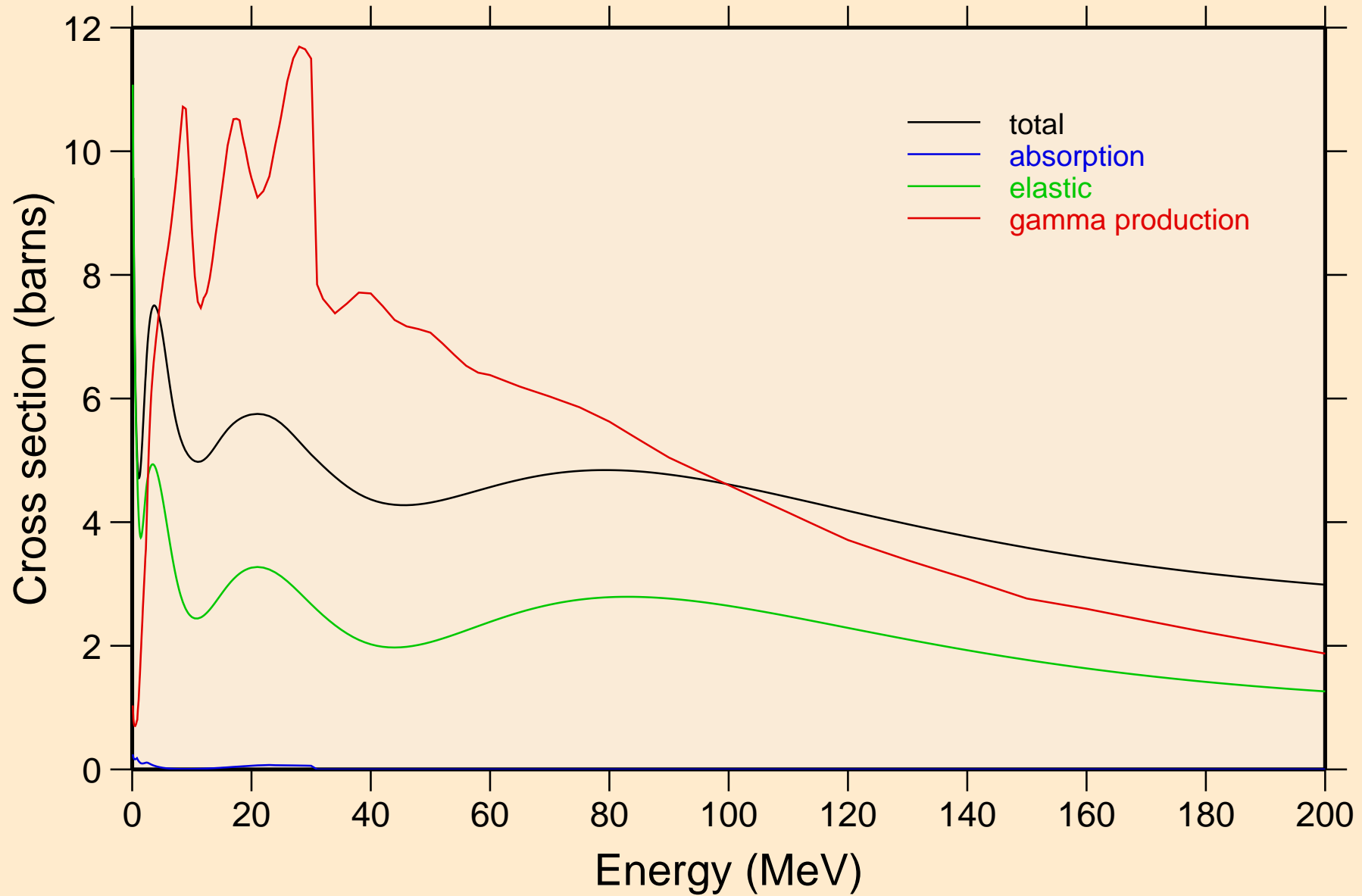
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



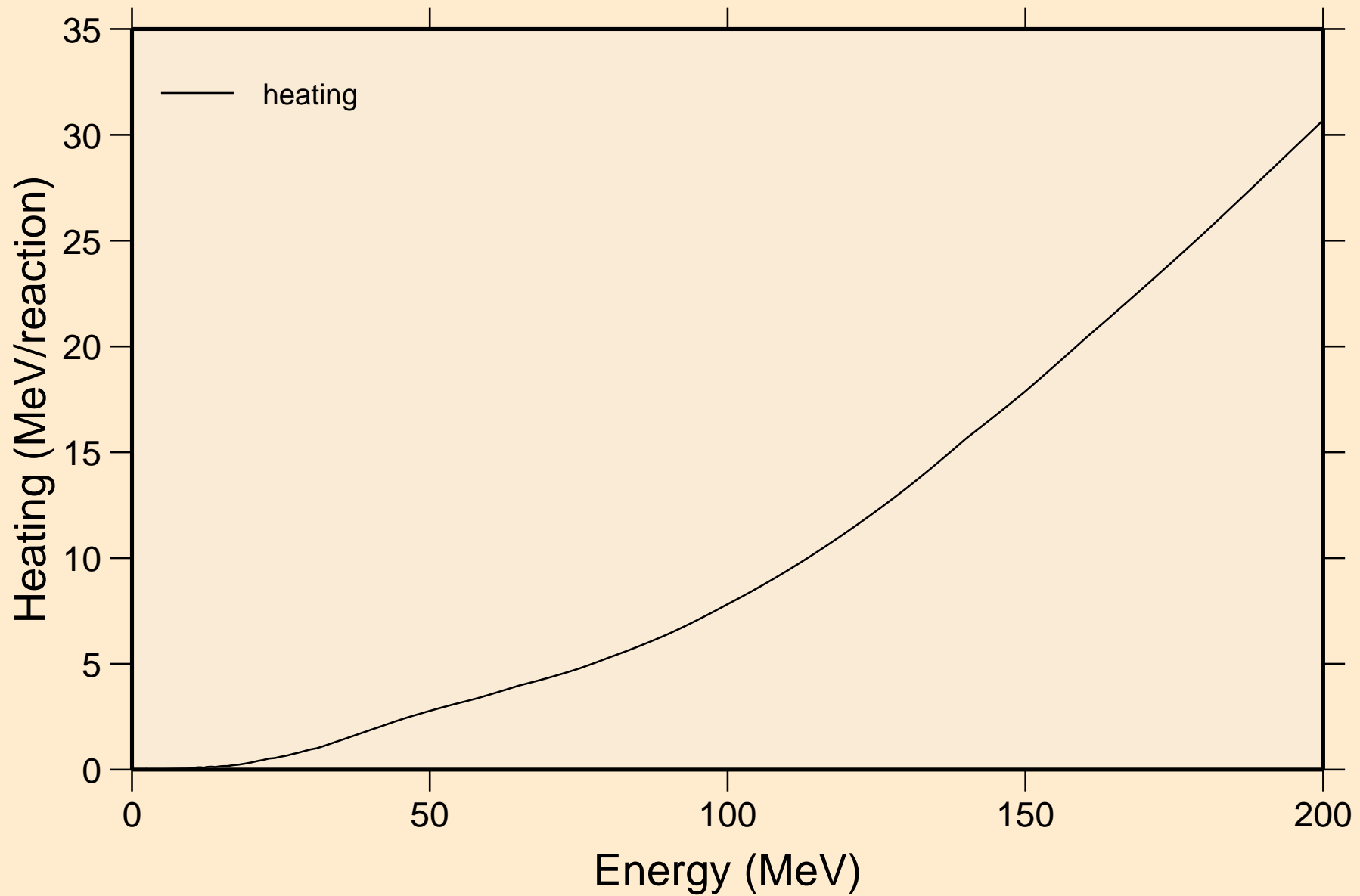
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Non-threshold reactions



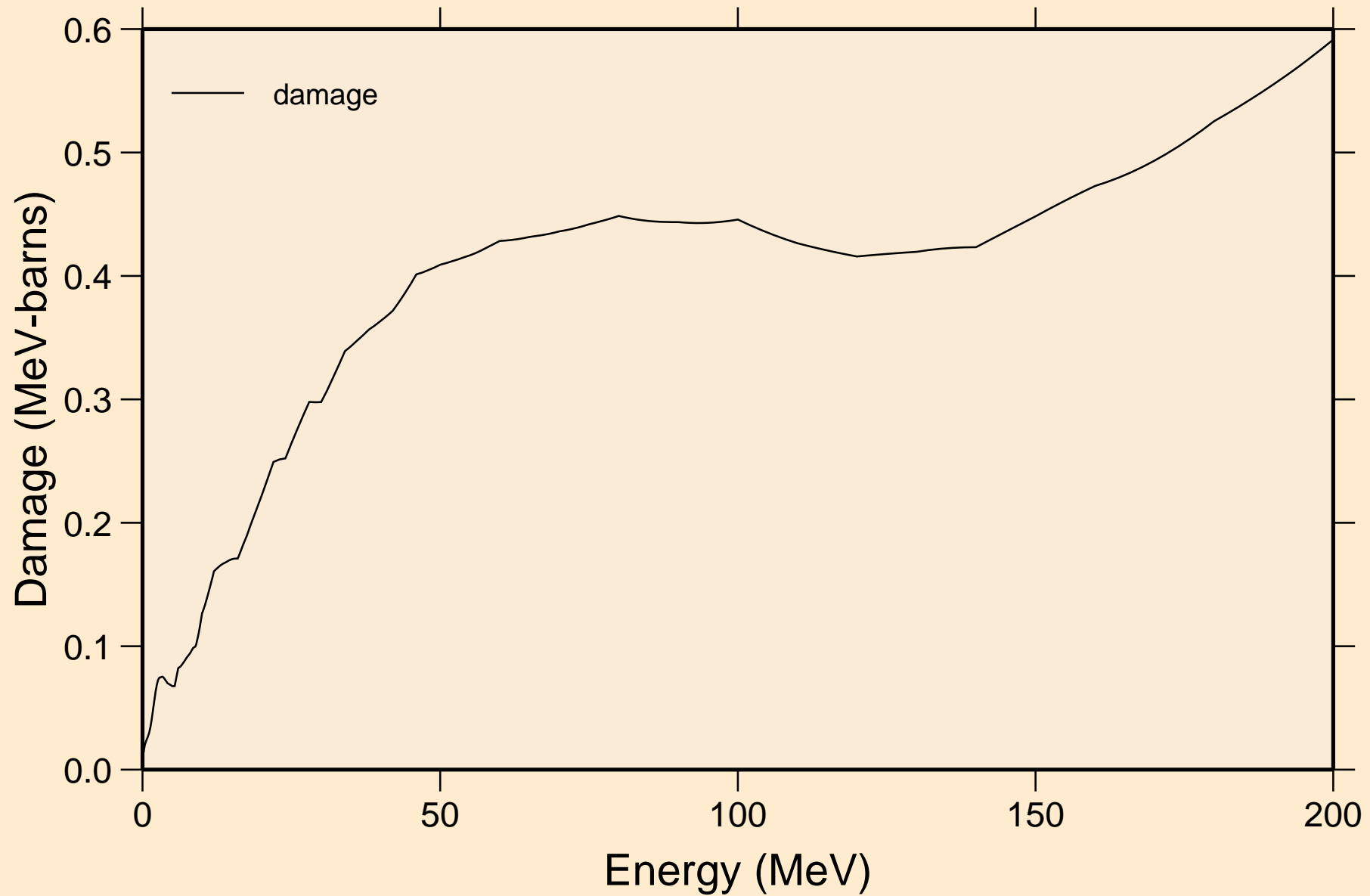
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Principal cross sections



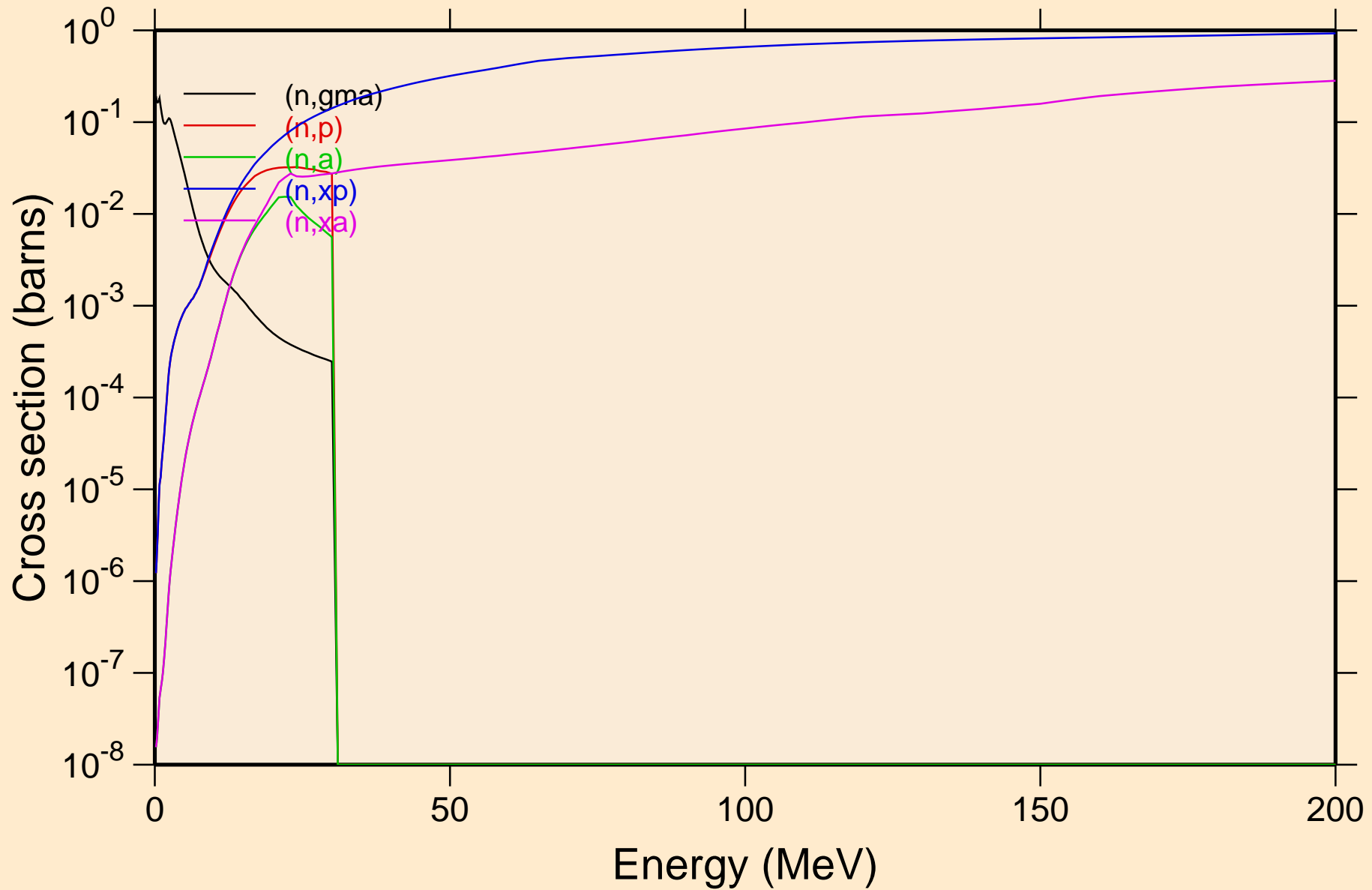
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



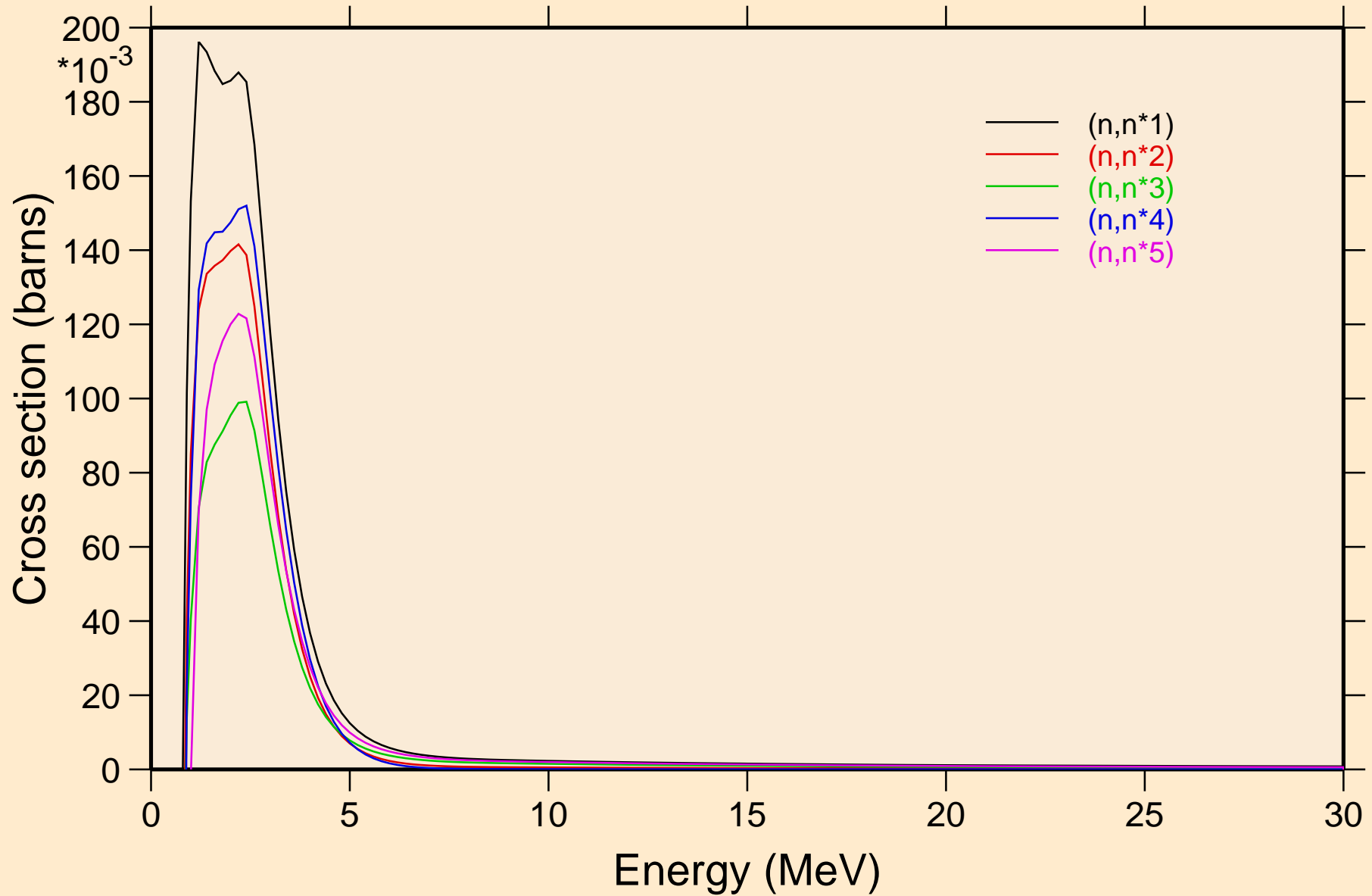
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



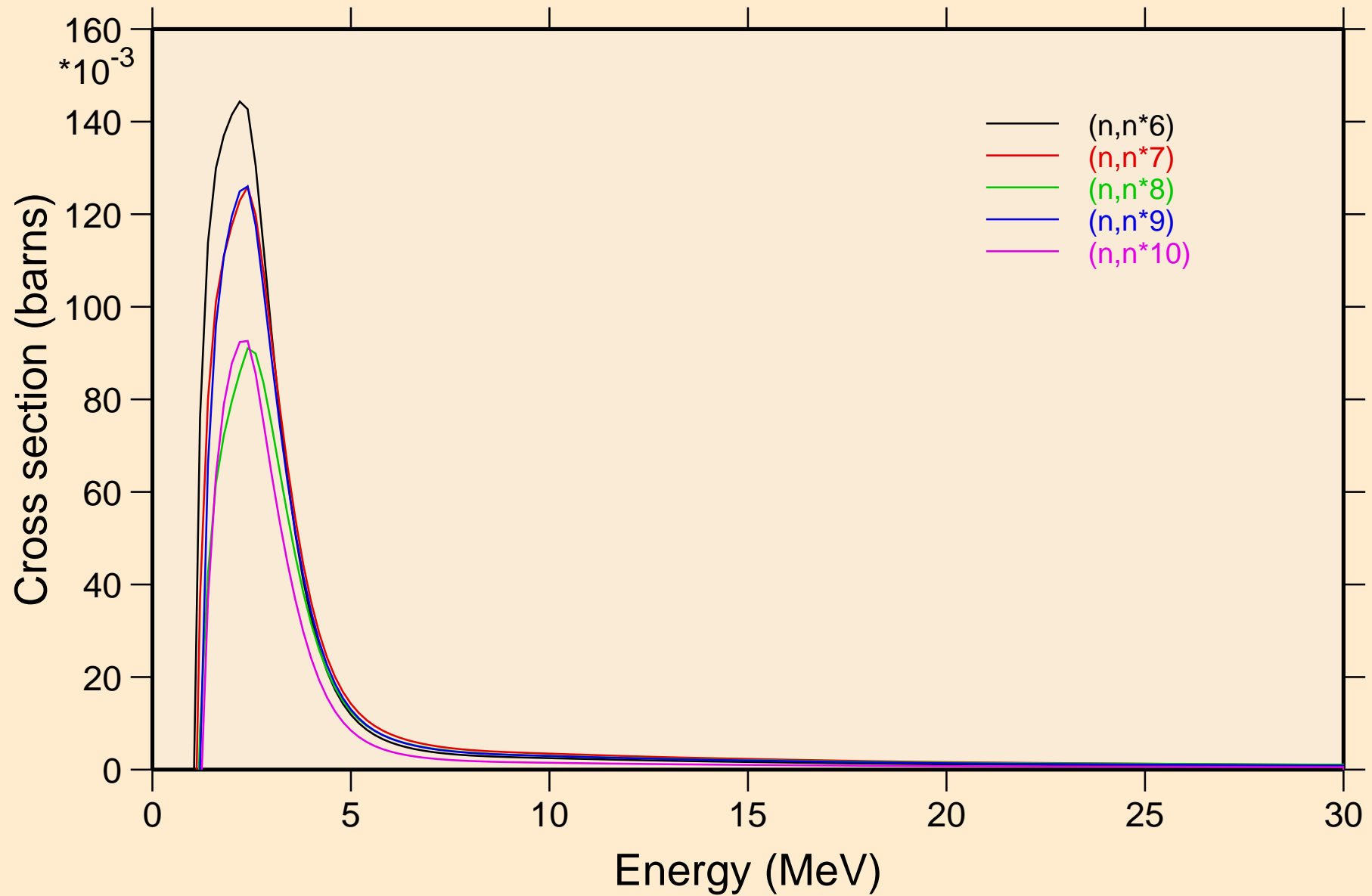
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

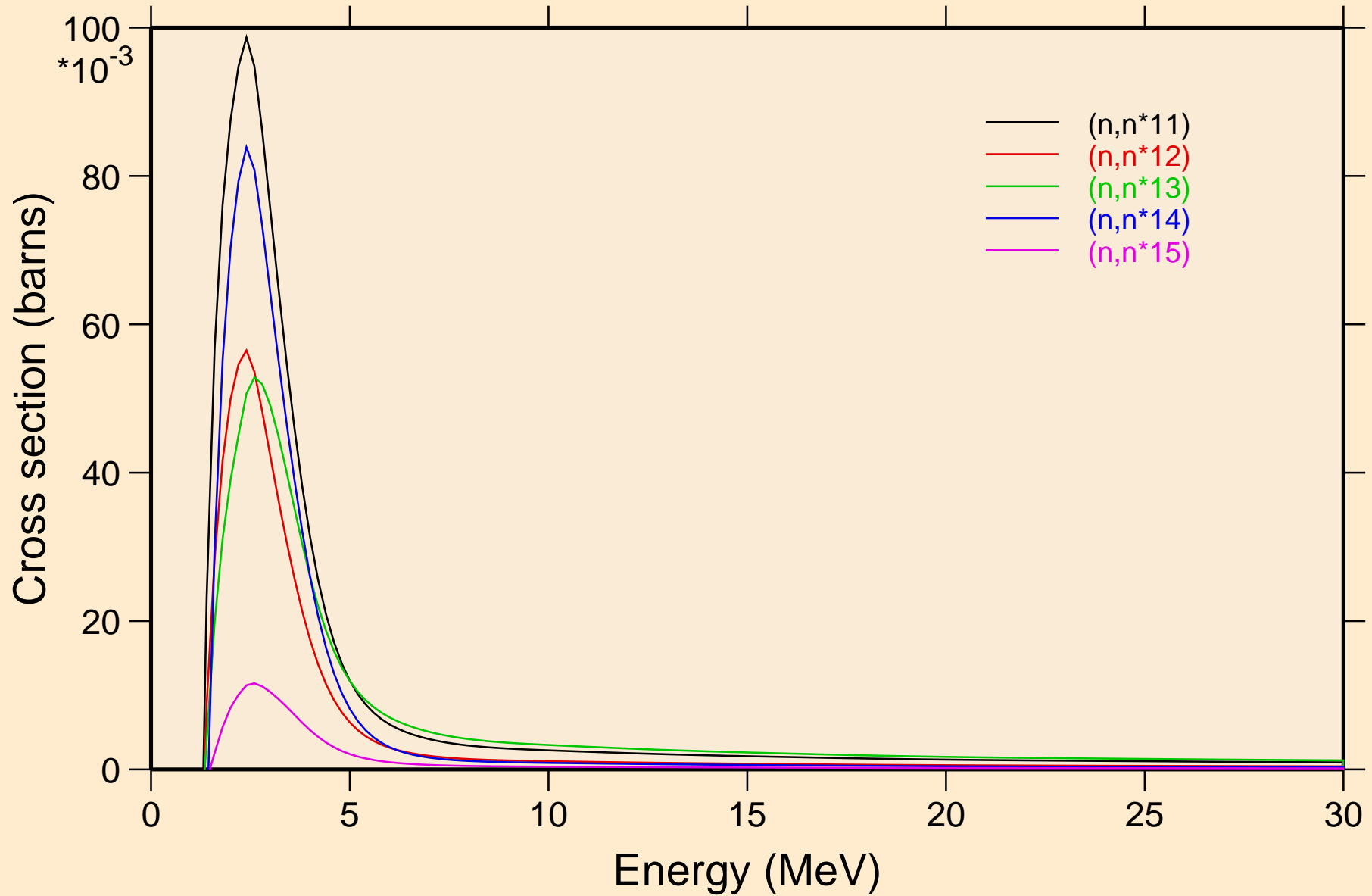


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

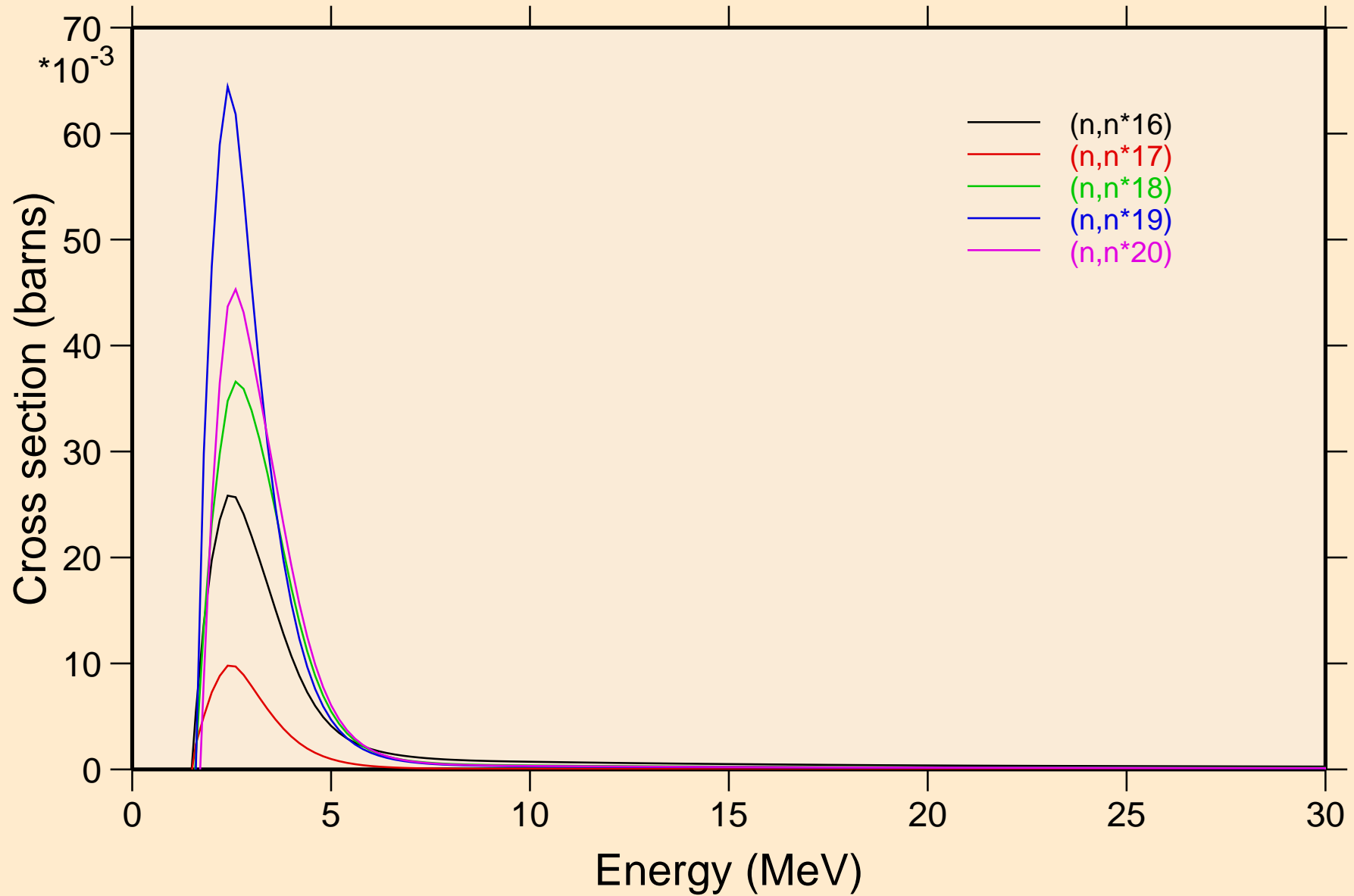




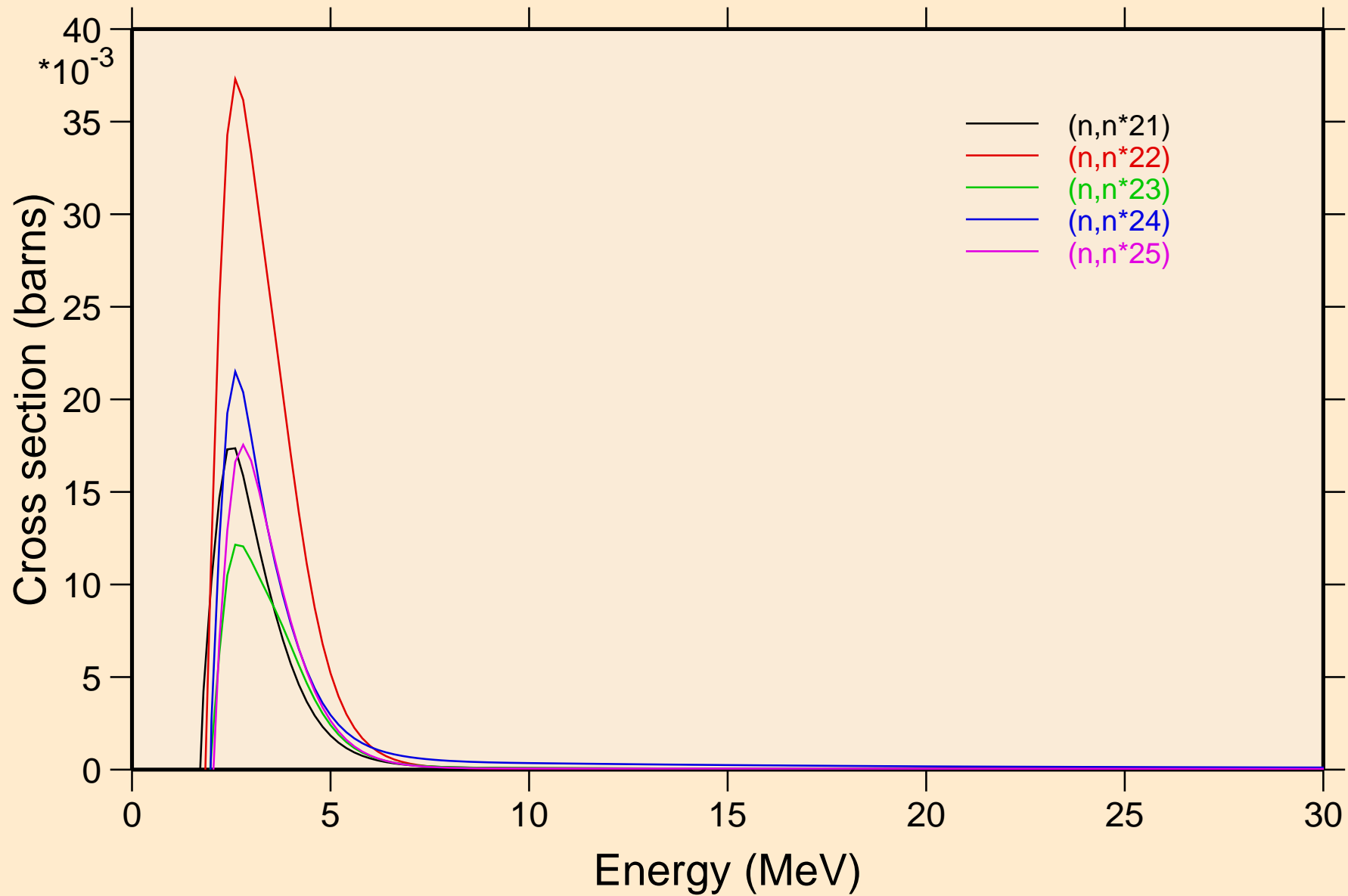
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



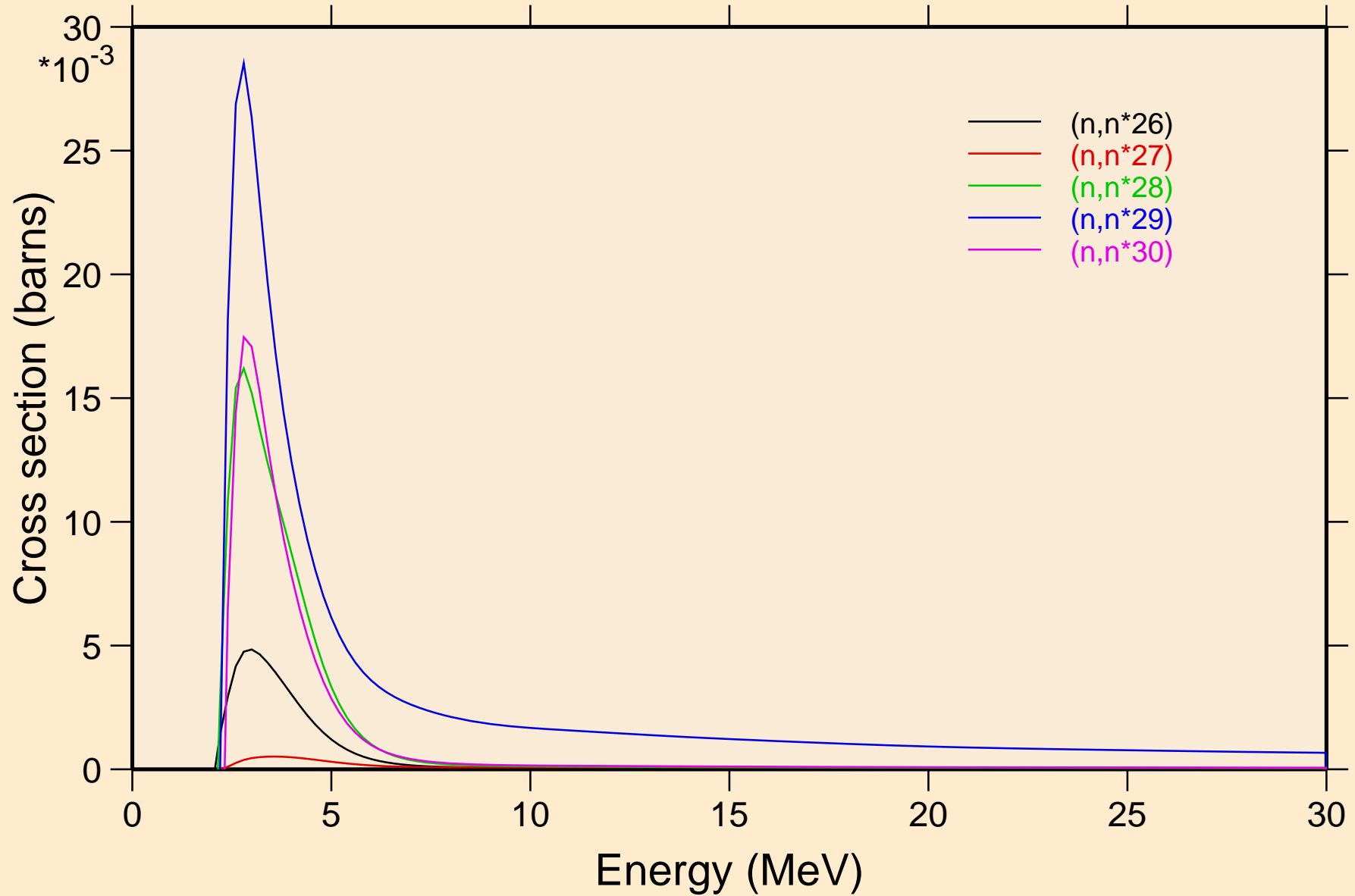
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



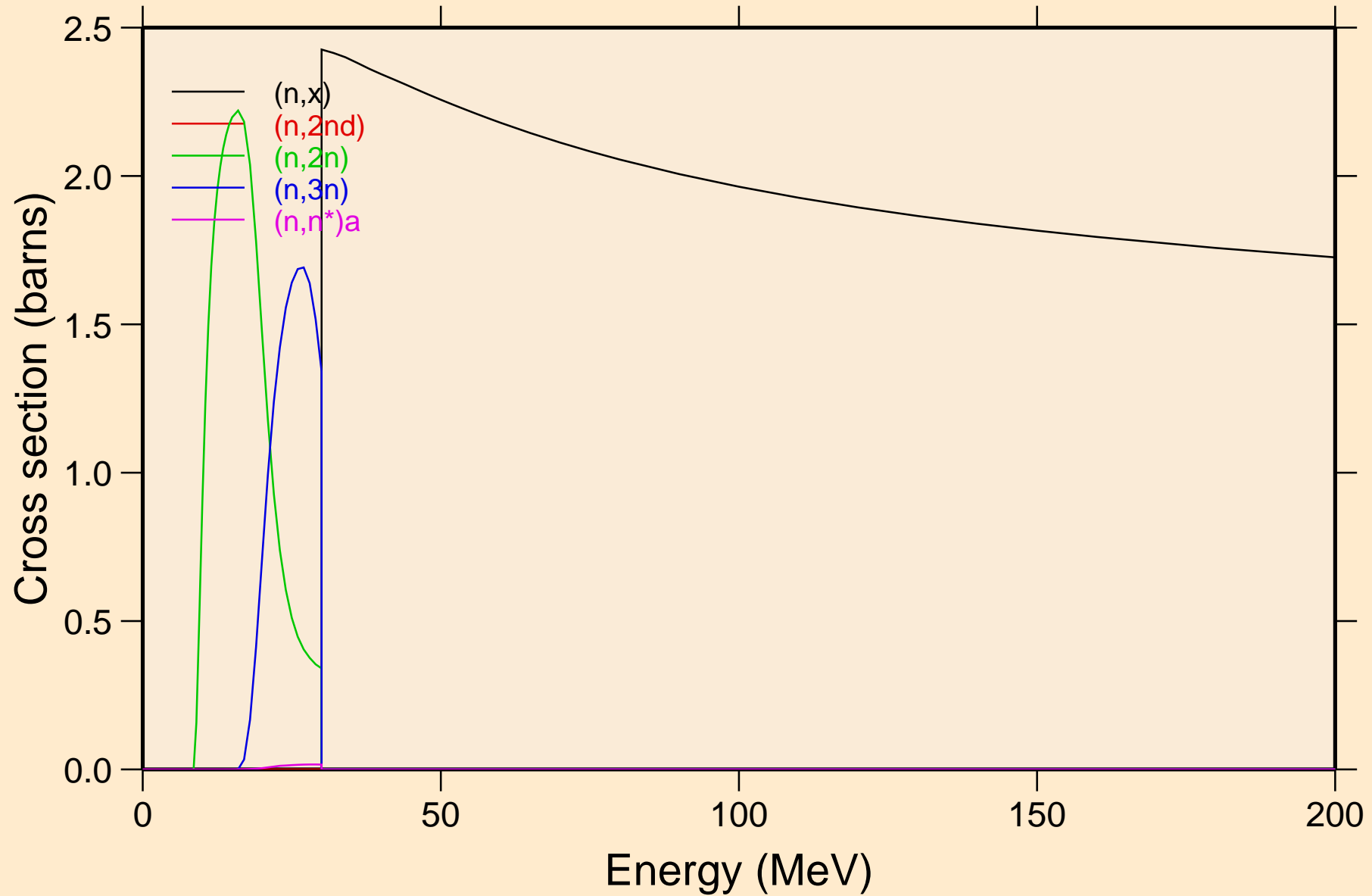
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



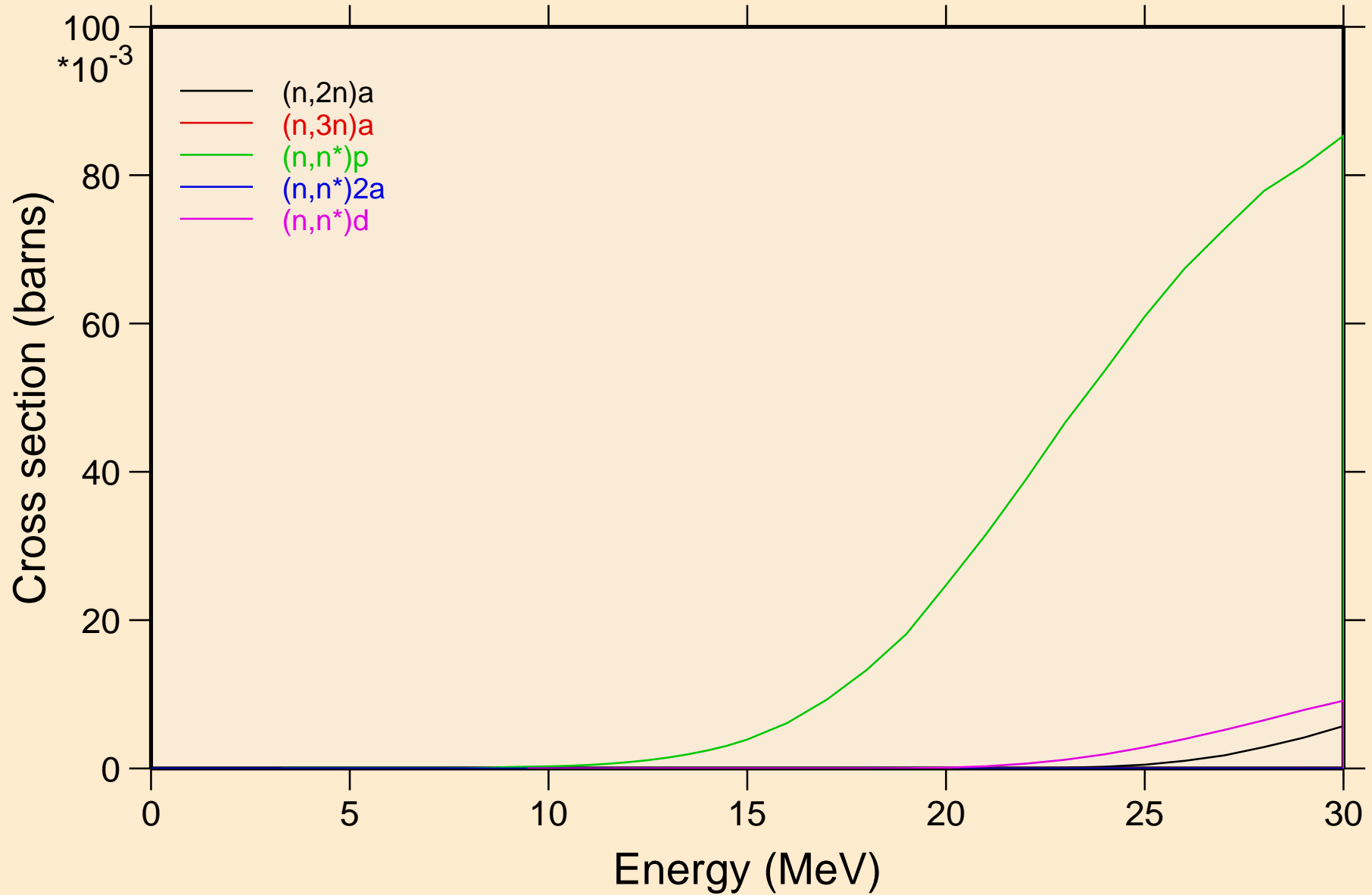
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Inelastic levels



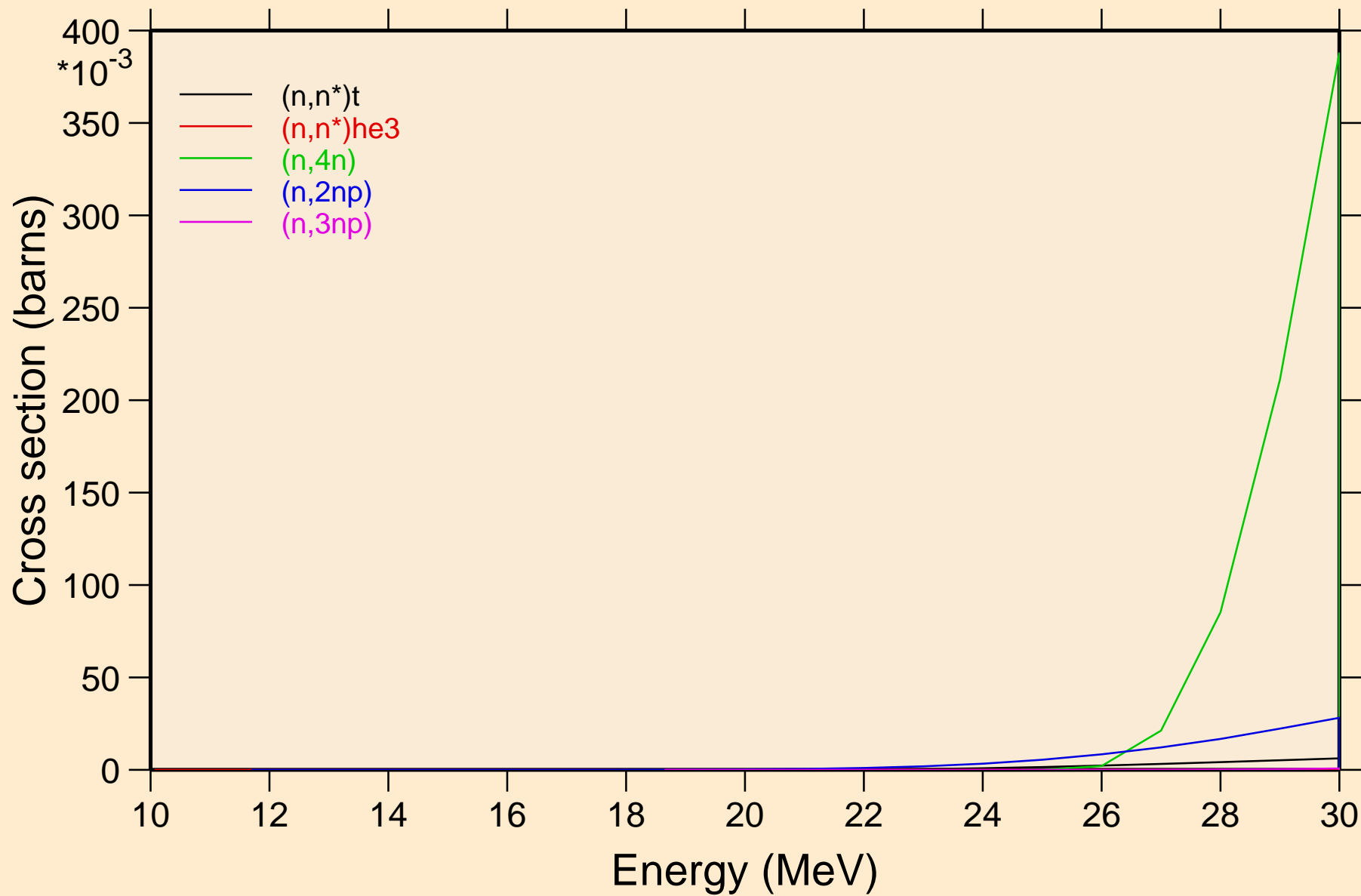
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



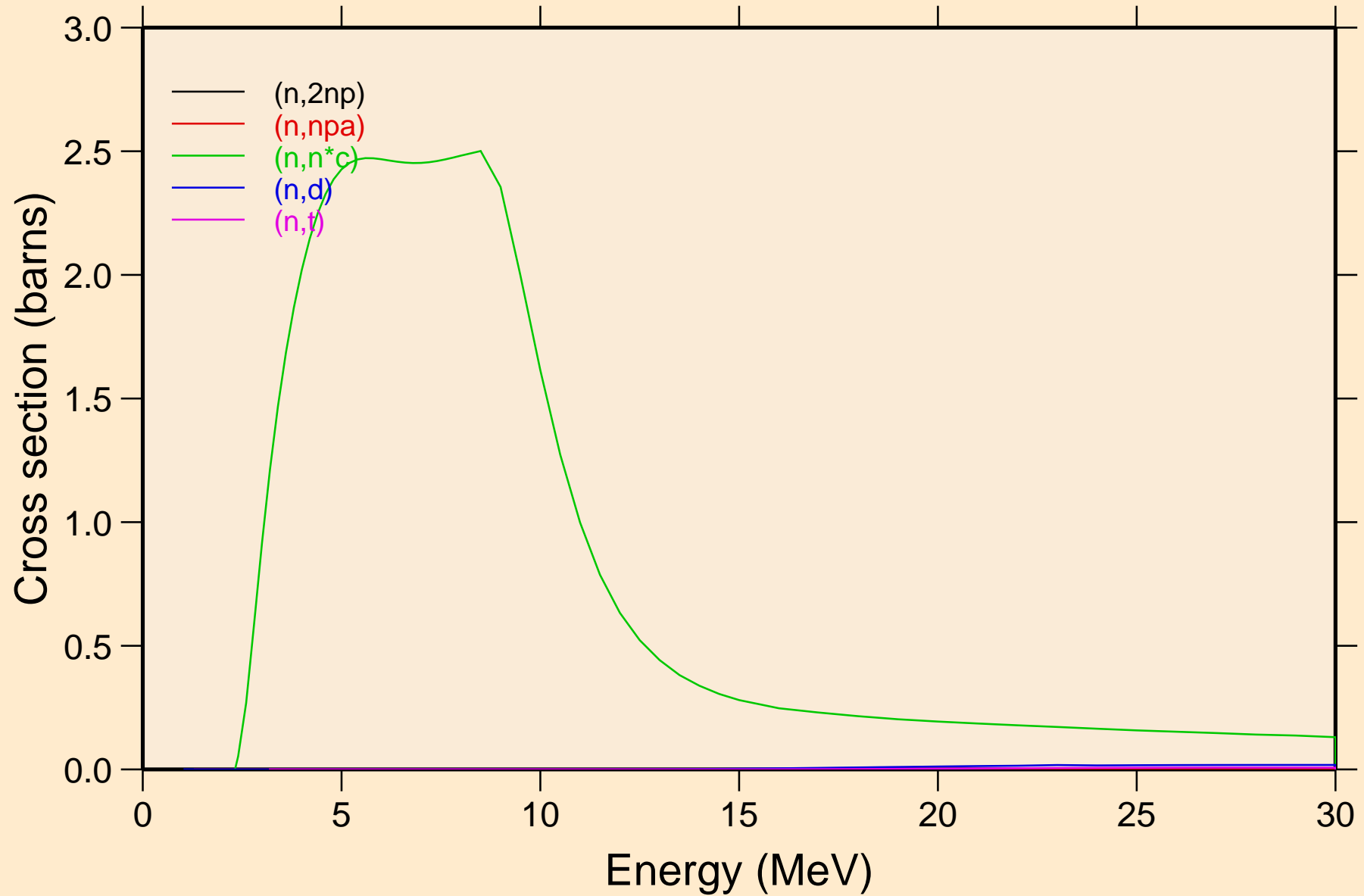
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

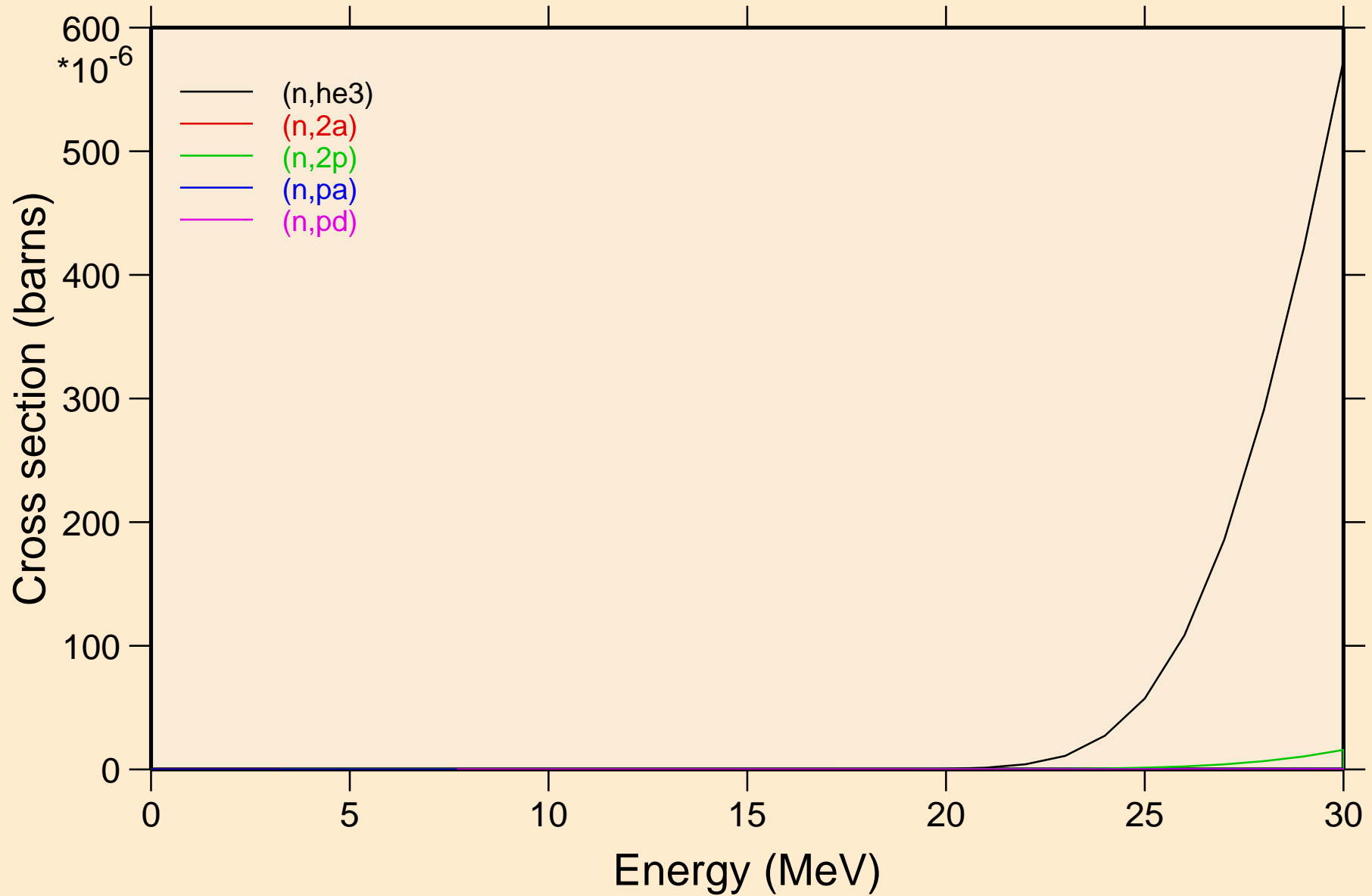


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

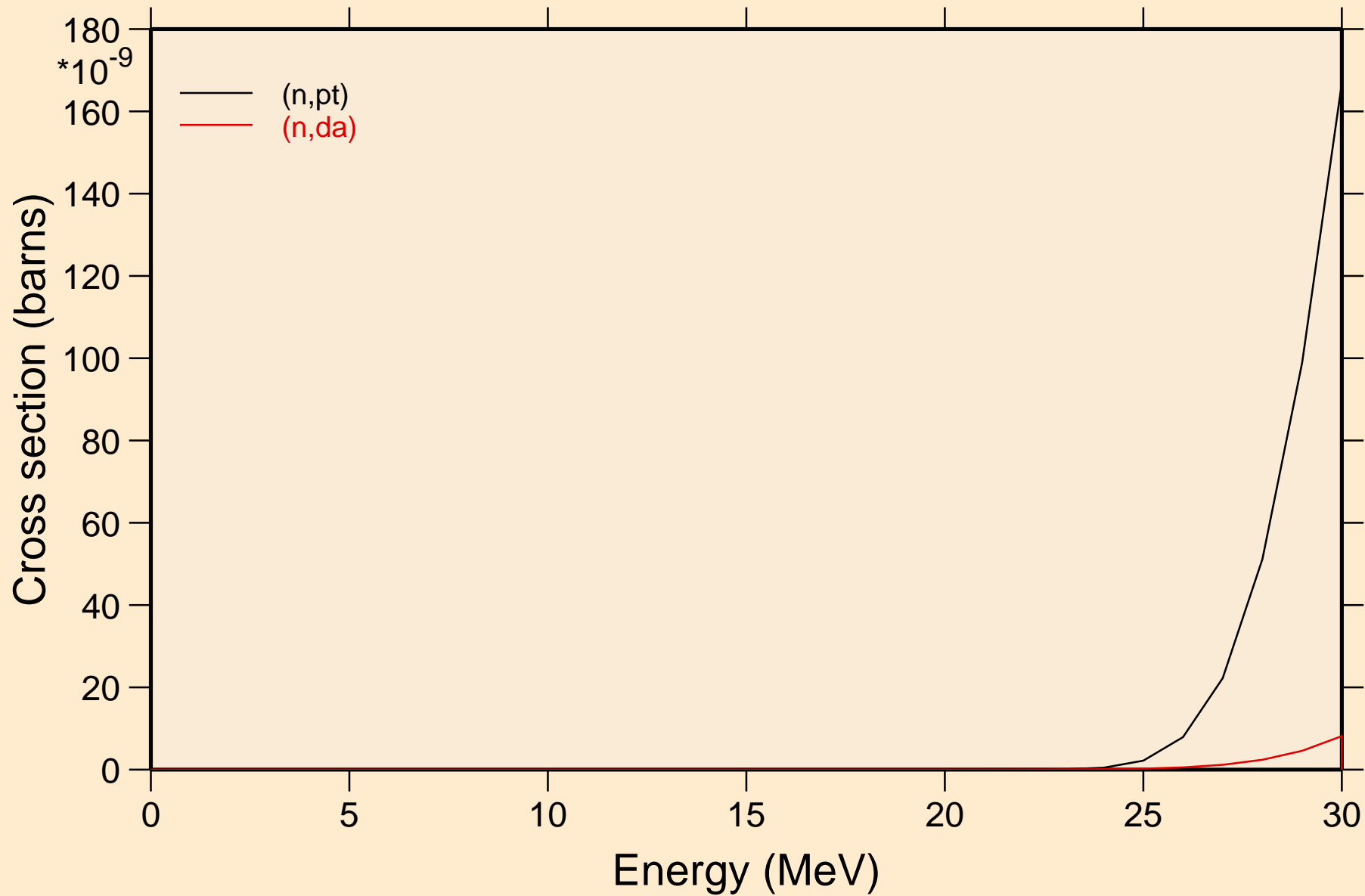




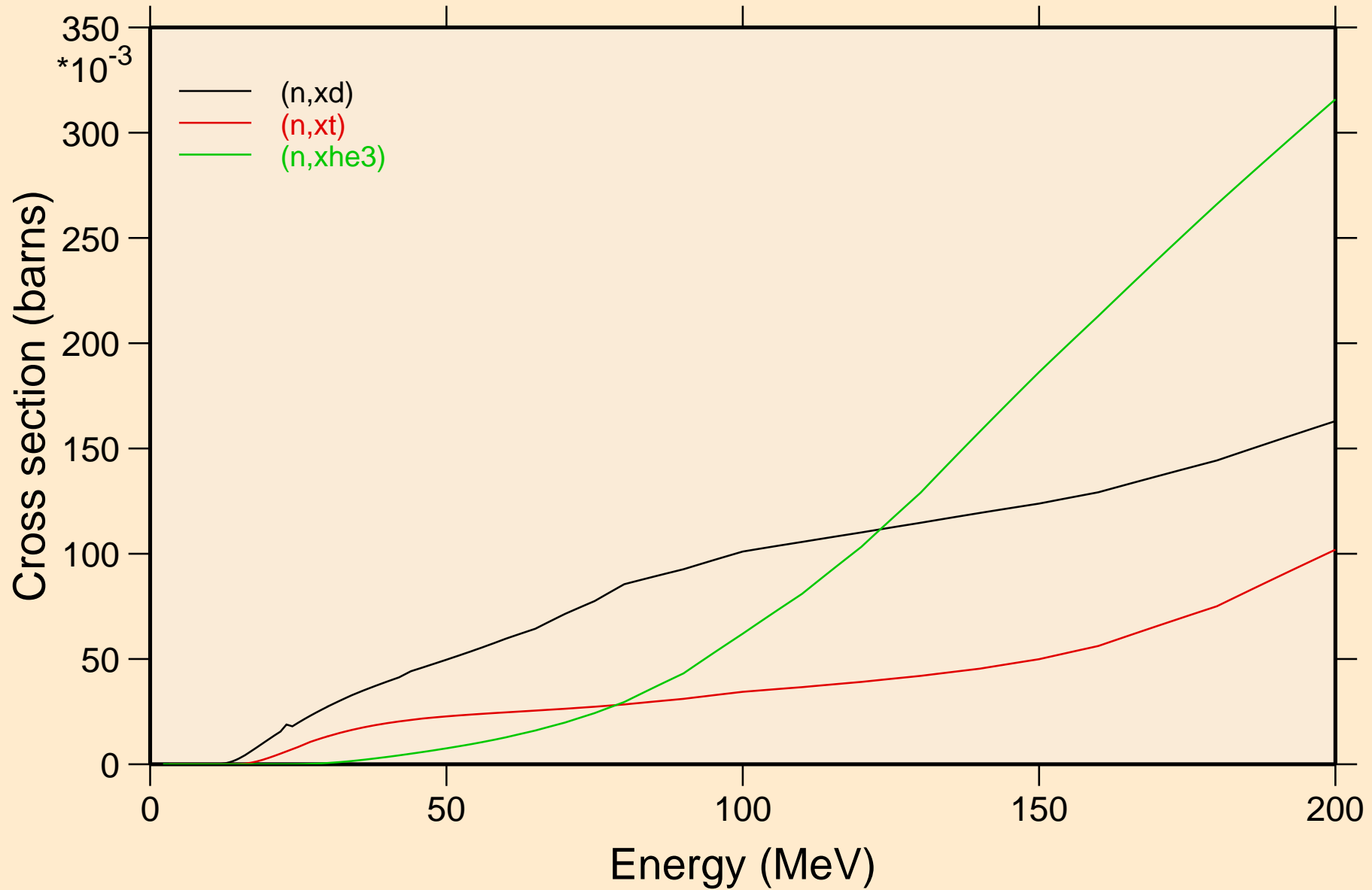
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



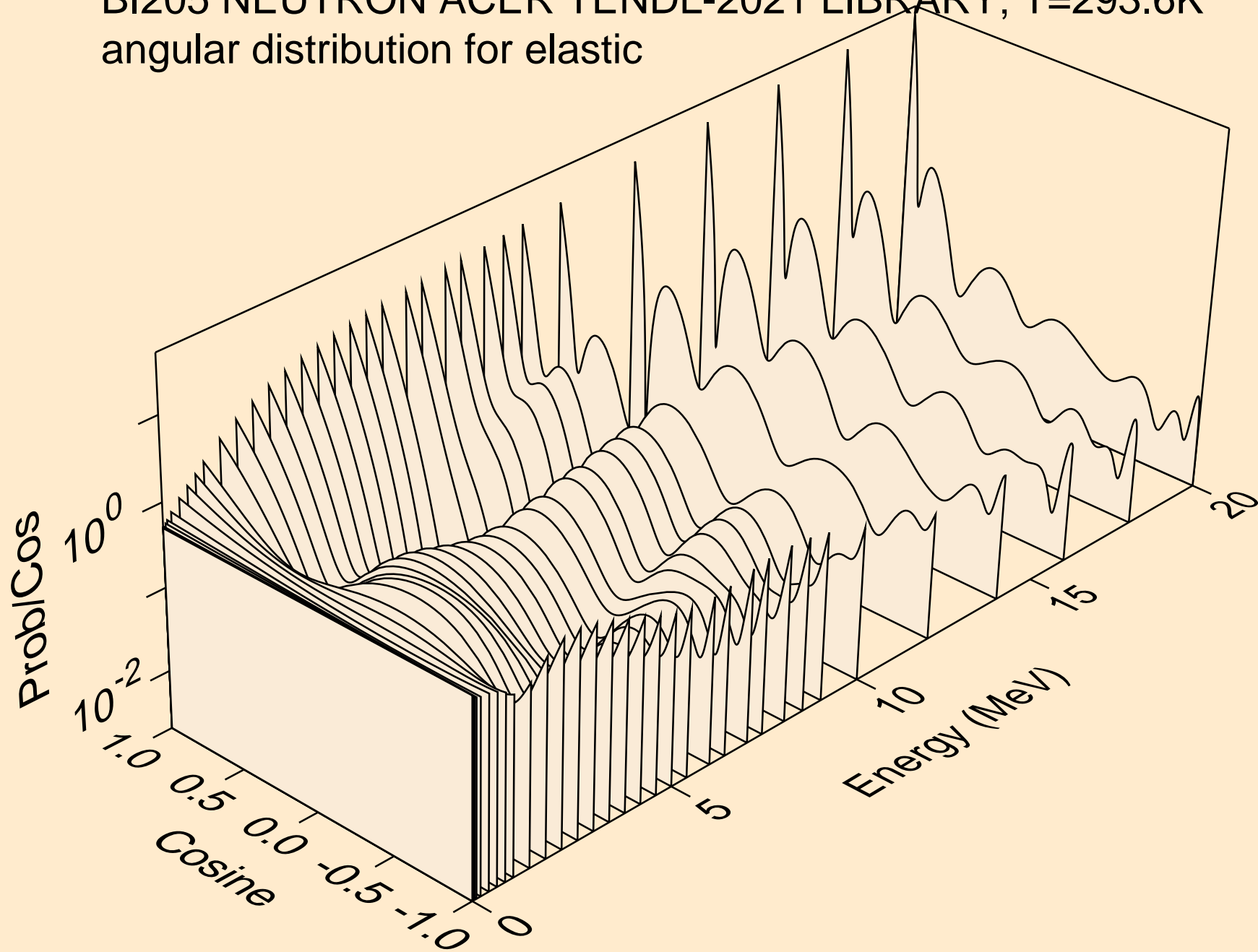
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



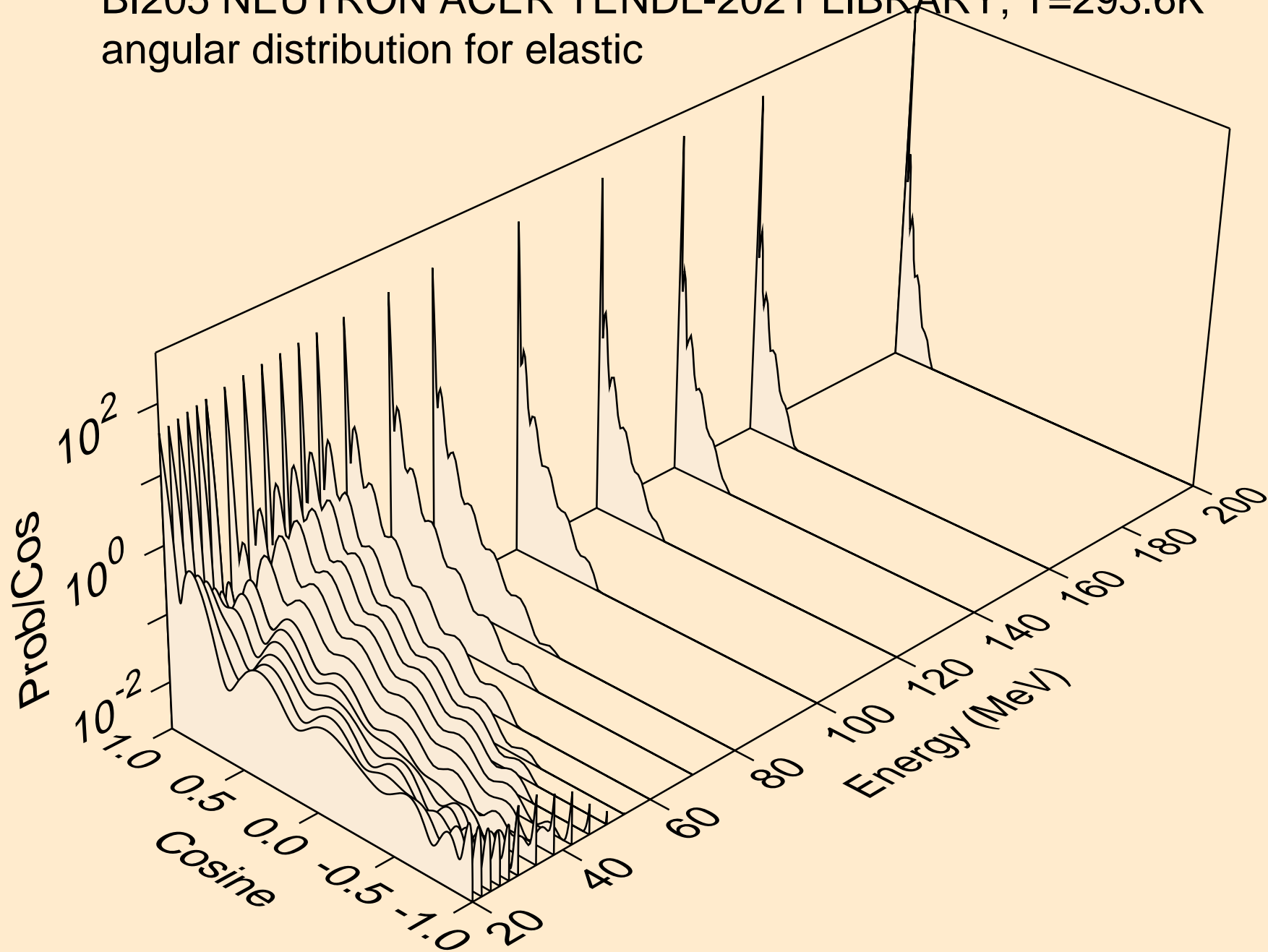
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



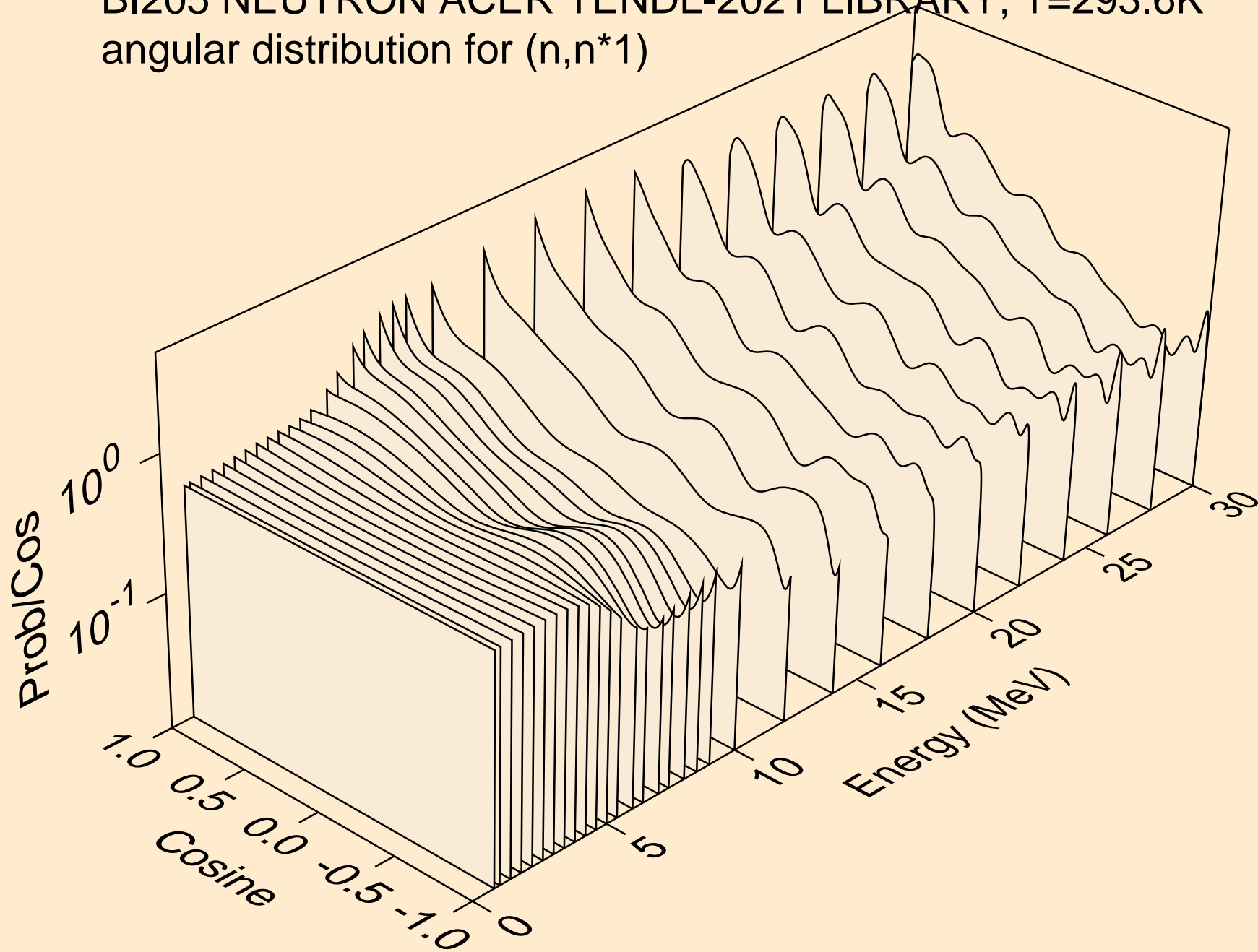
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



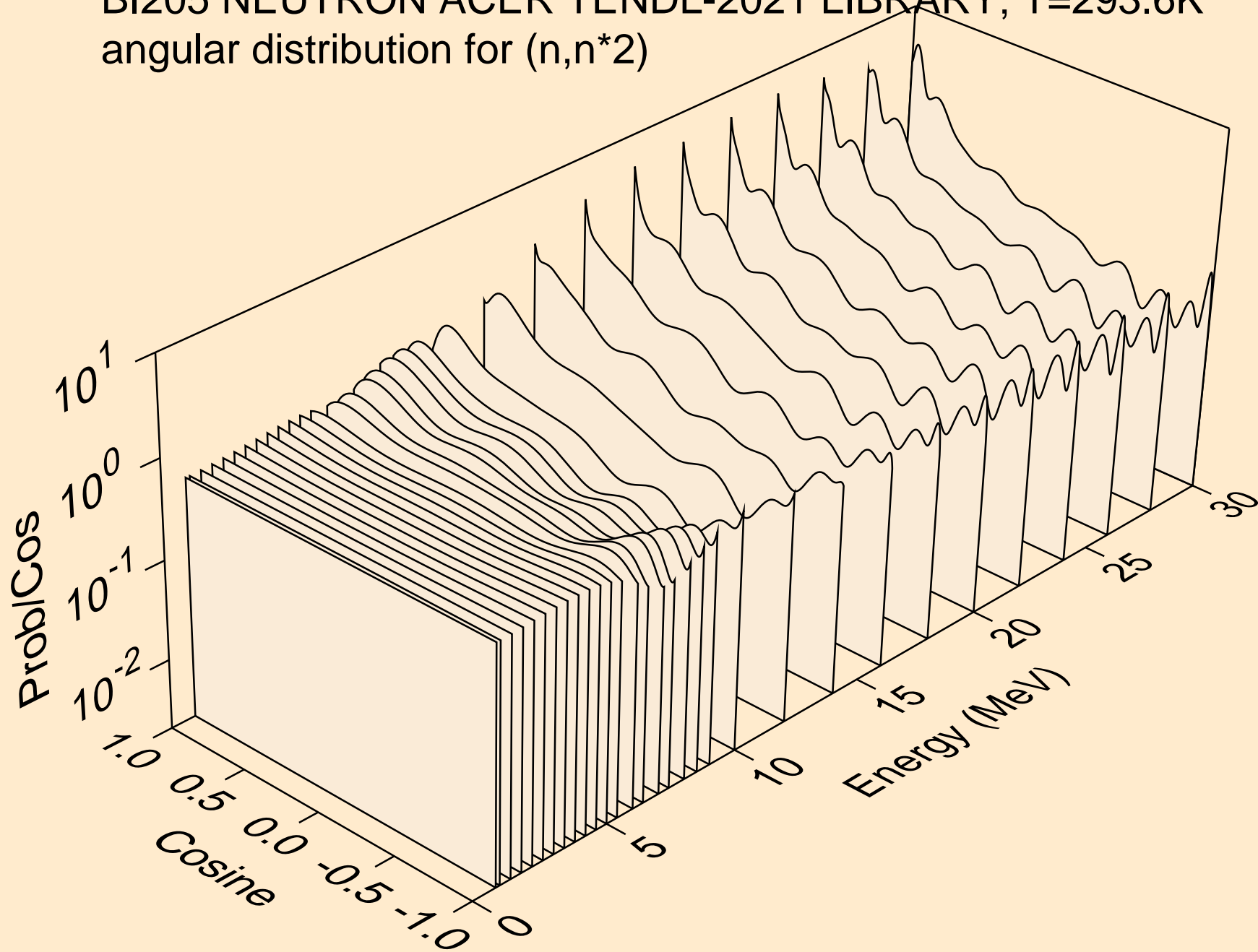
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angular distribution for elastic



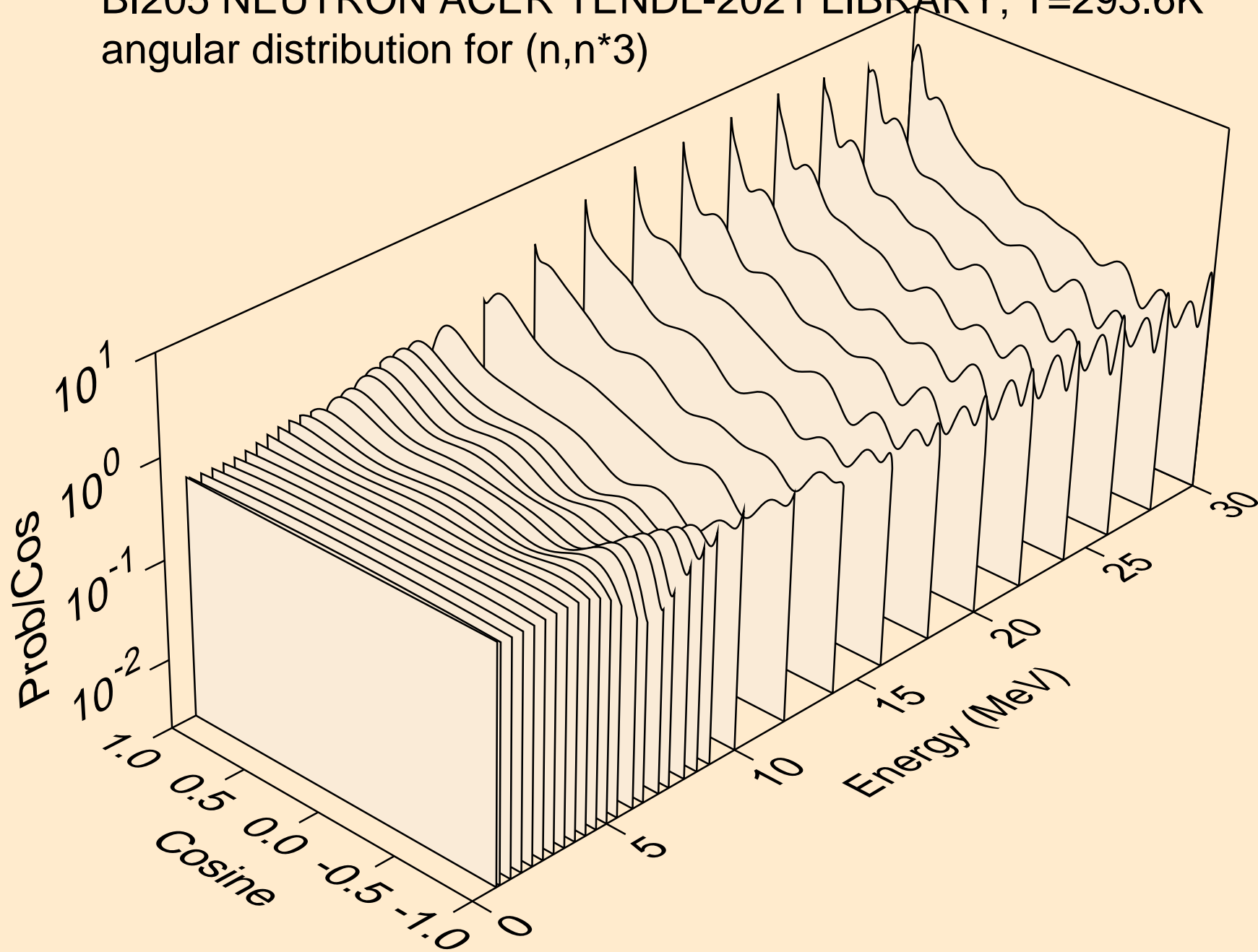
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

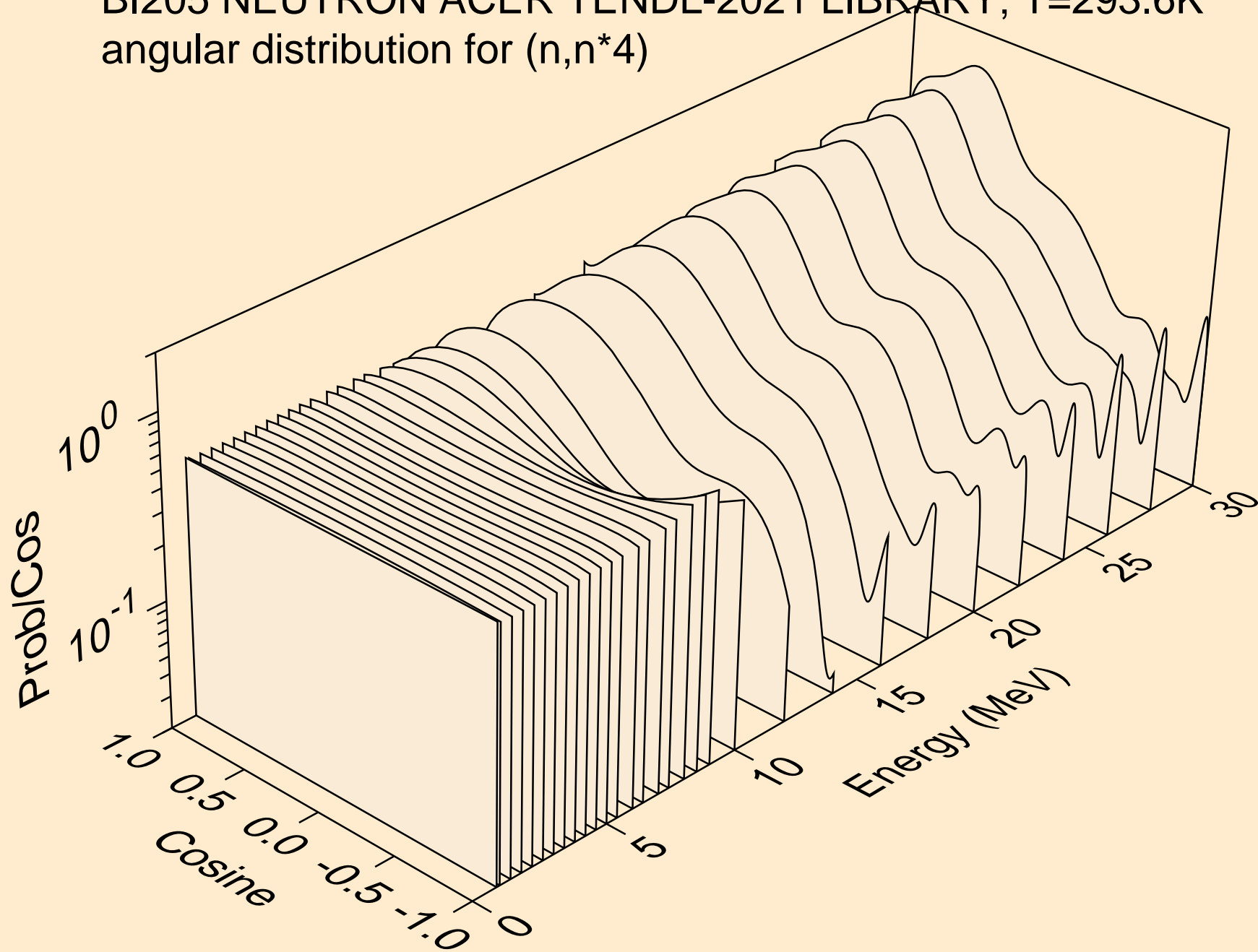


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)

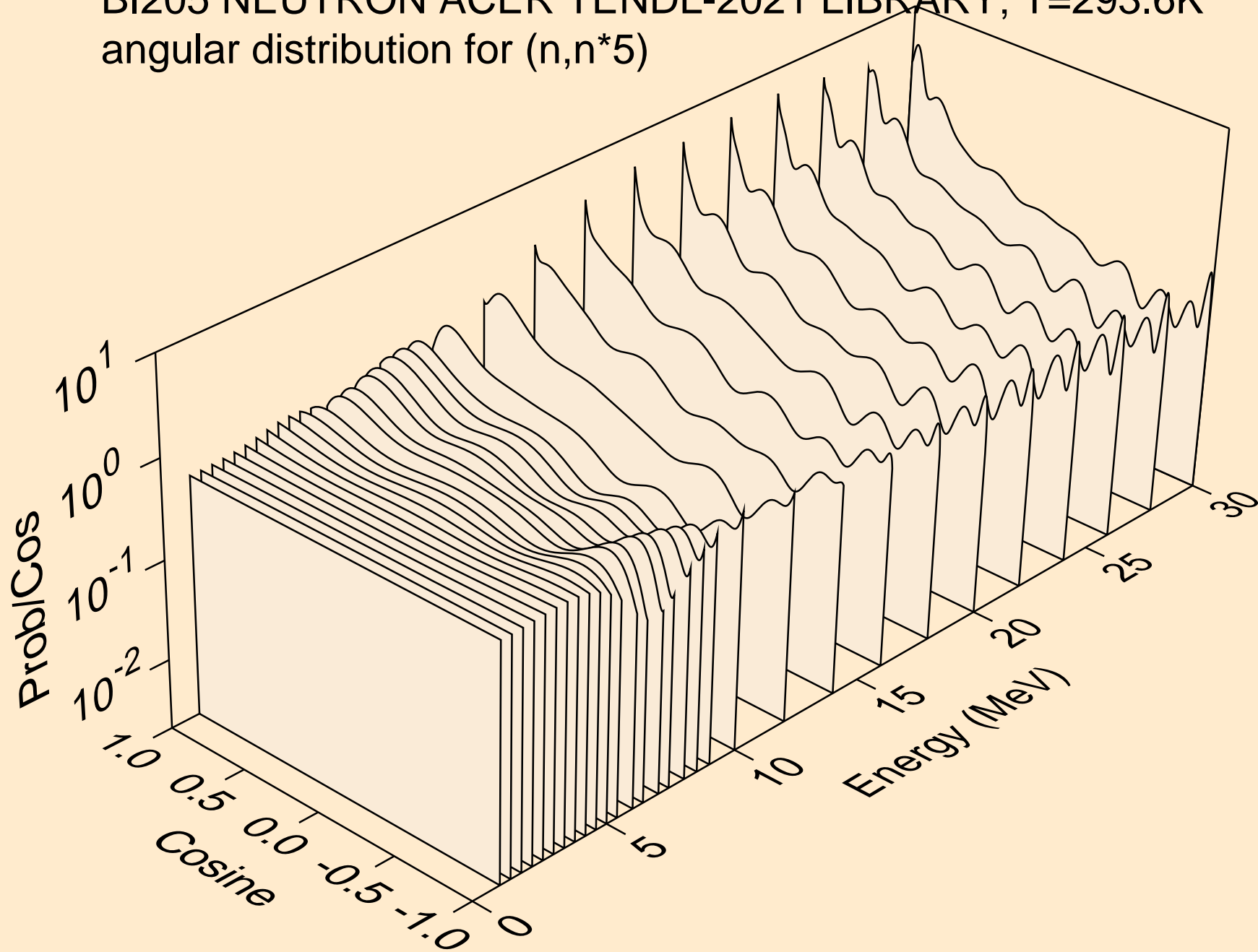




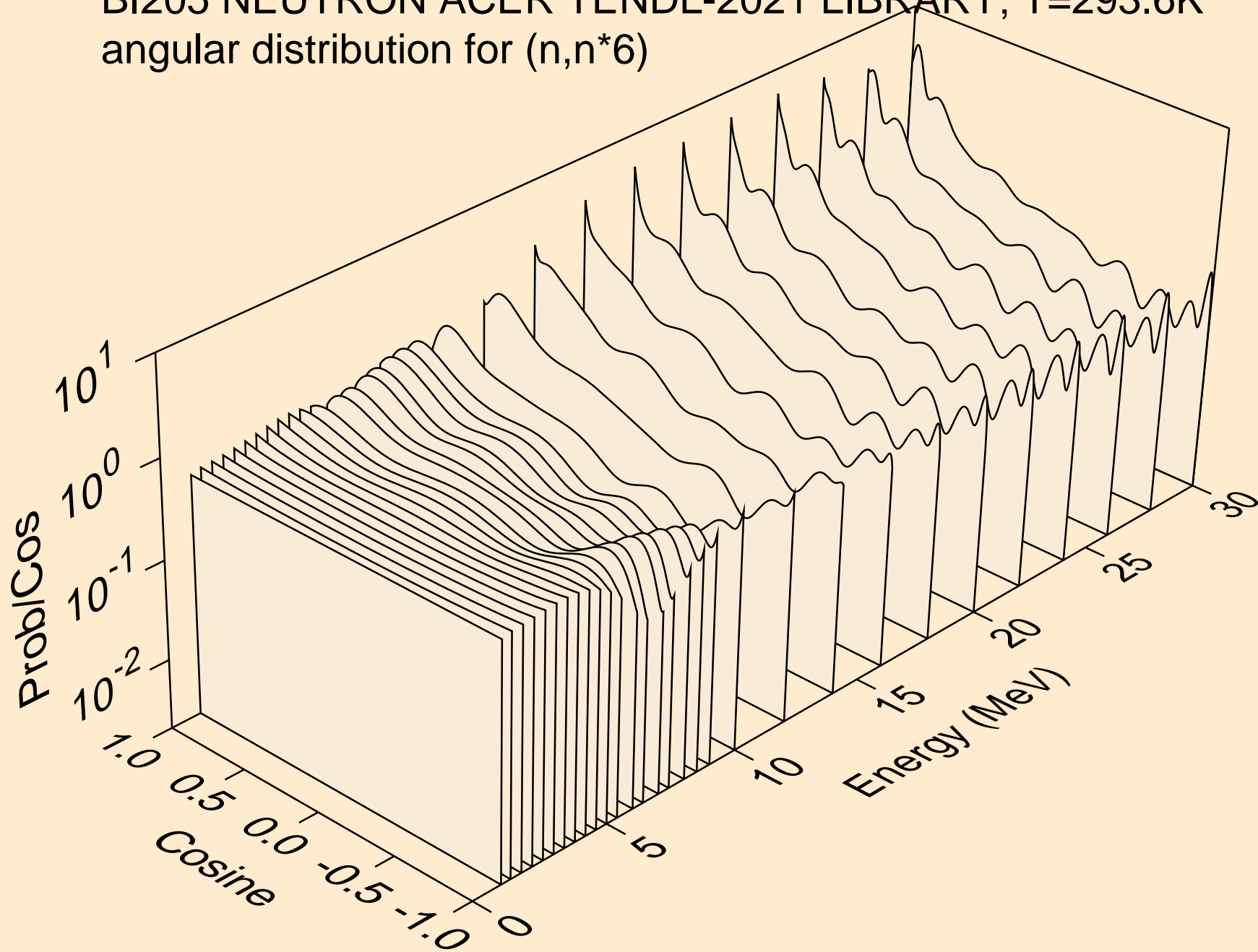
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



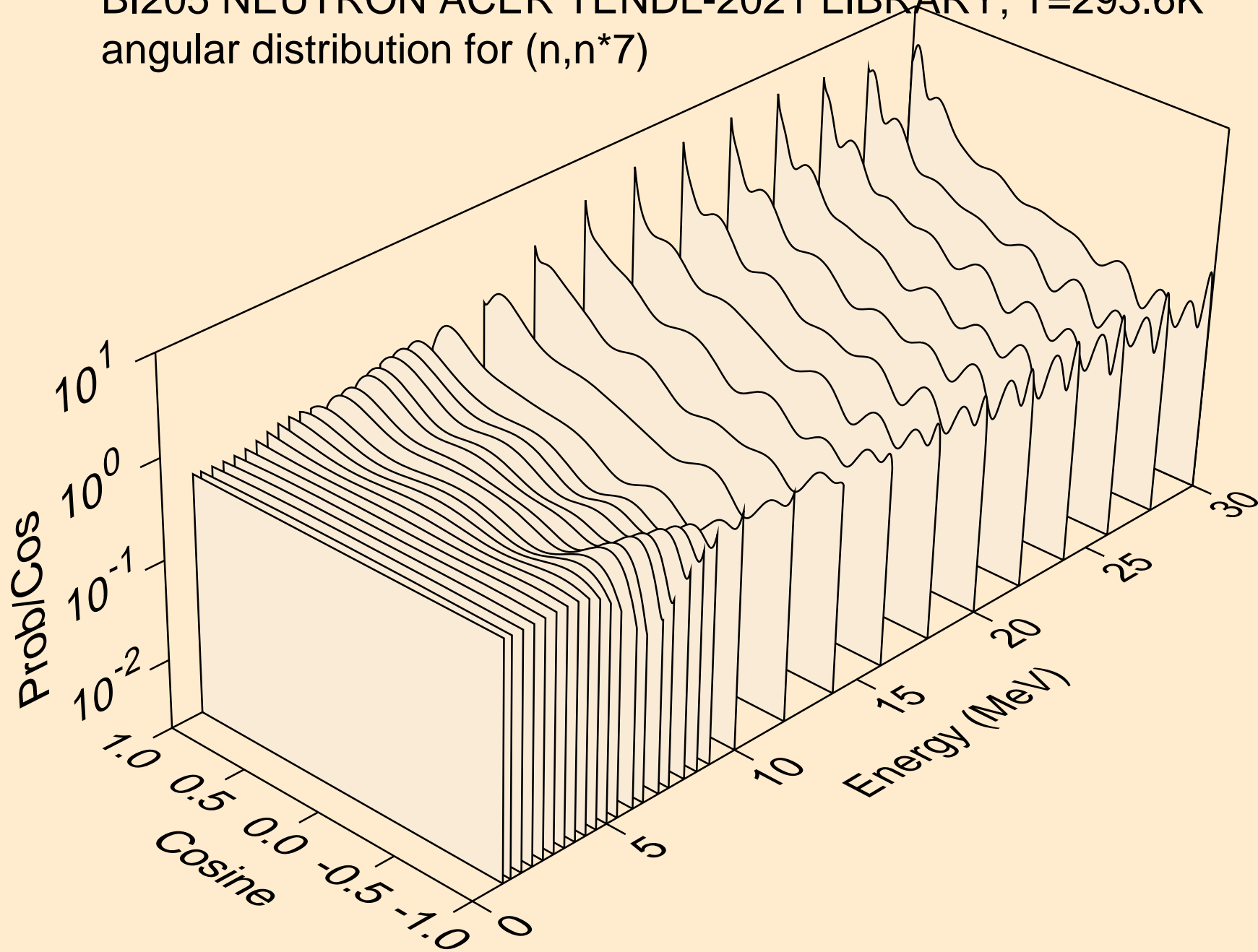
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



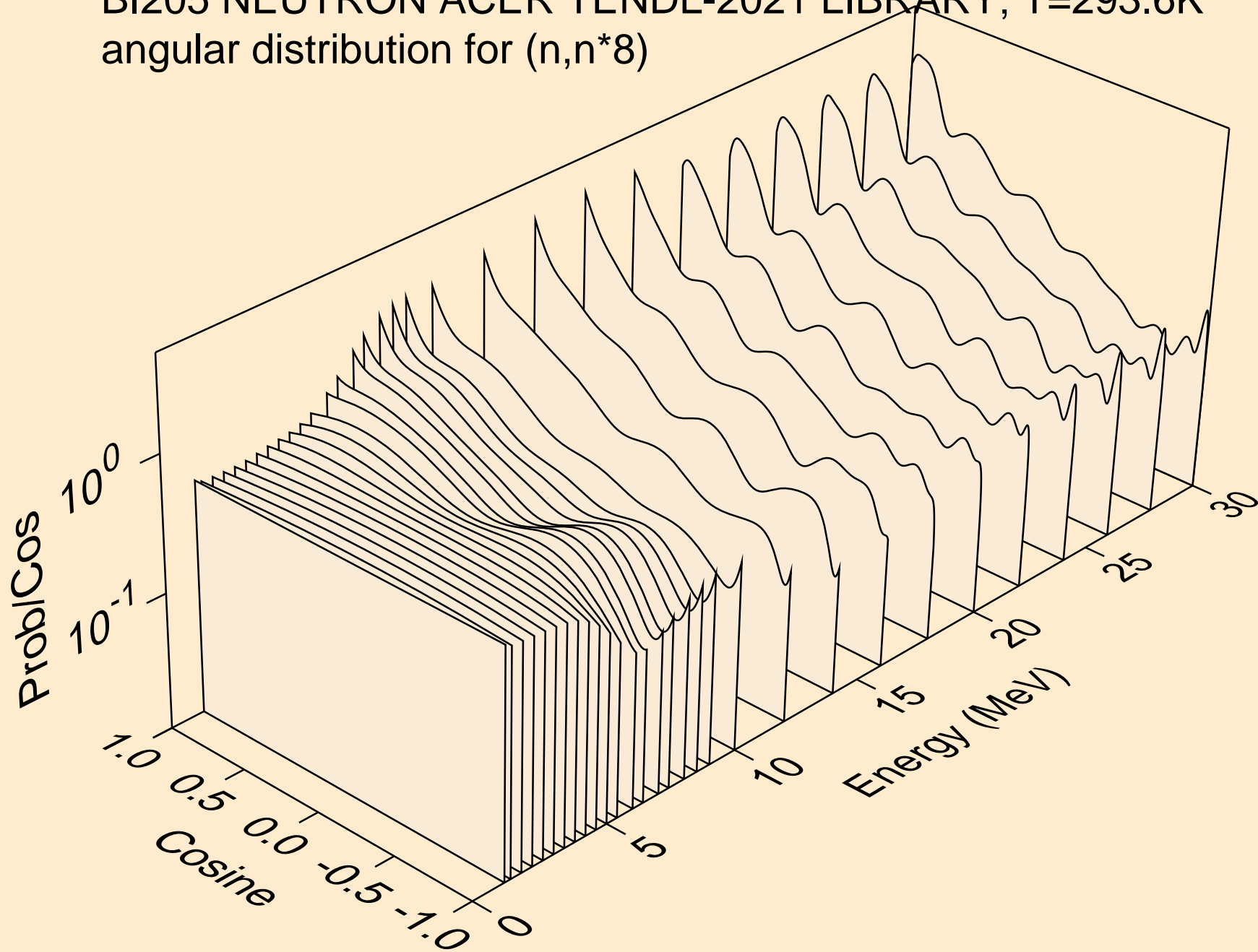
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angular distribution for (n,n\*6)



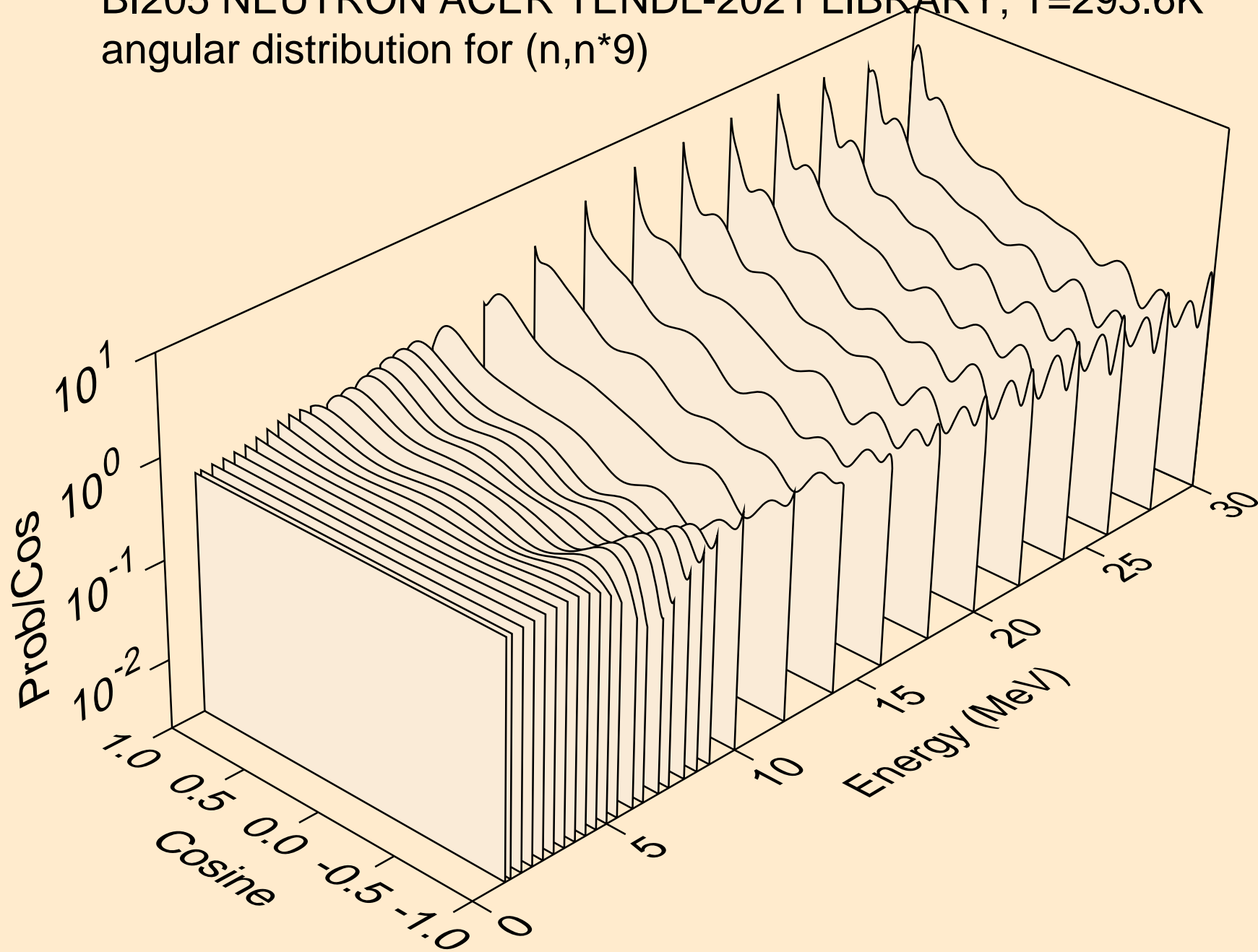
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



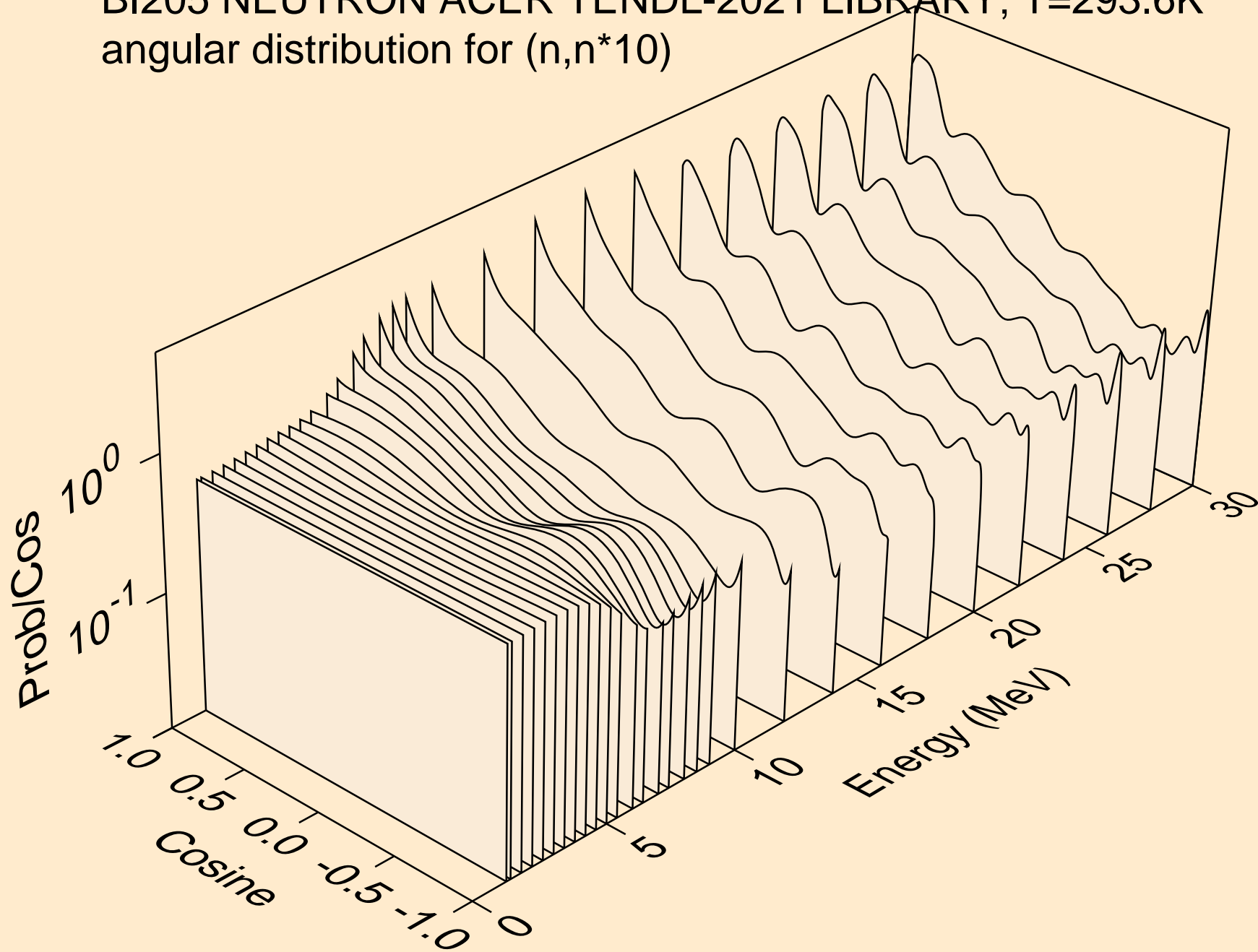
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angular distribution for (n,n\*8)



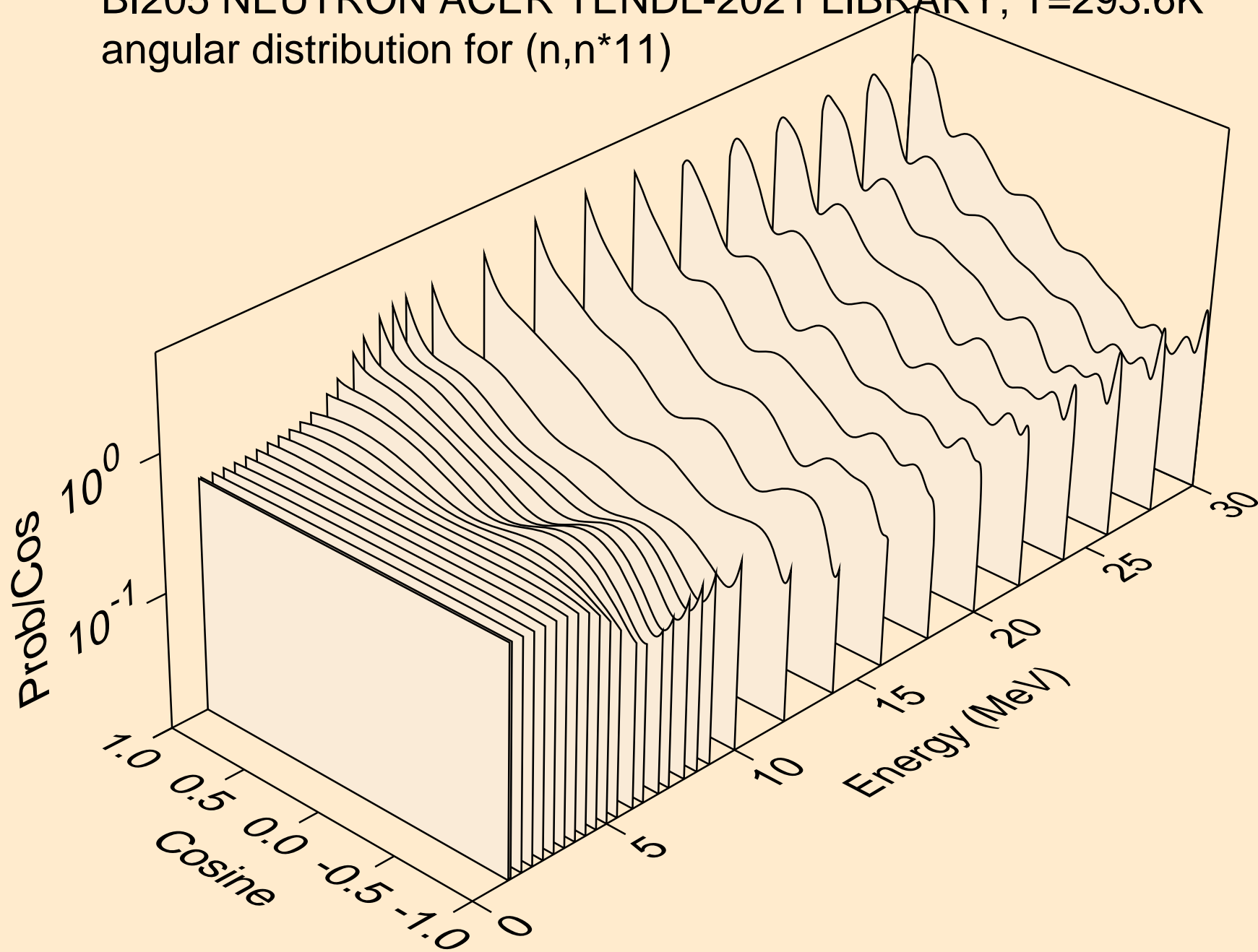
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

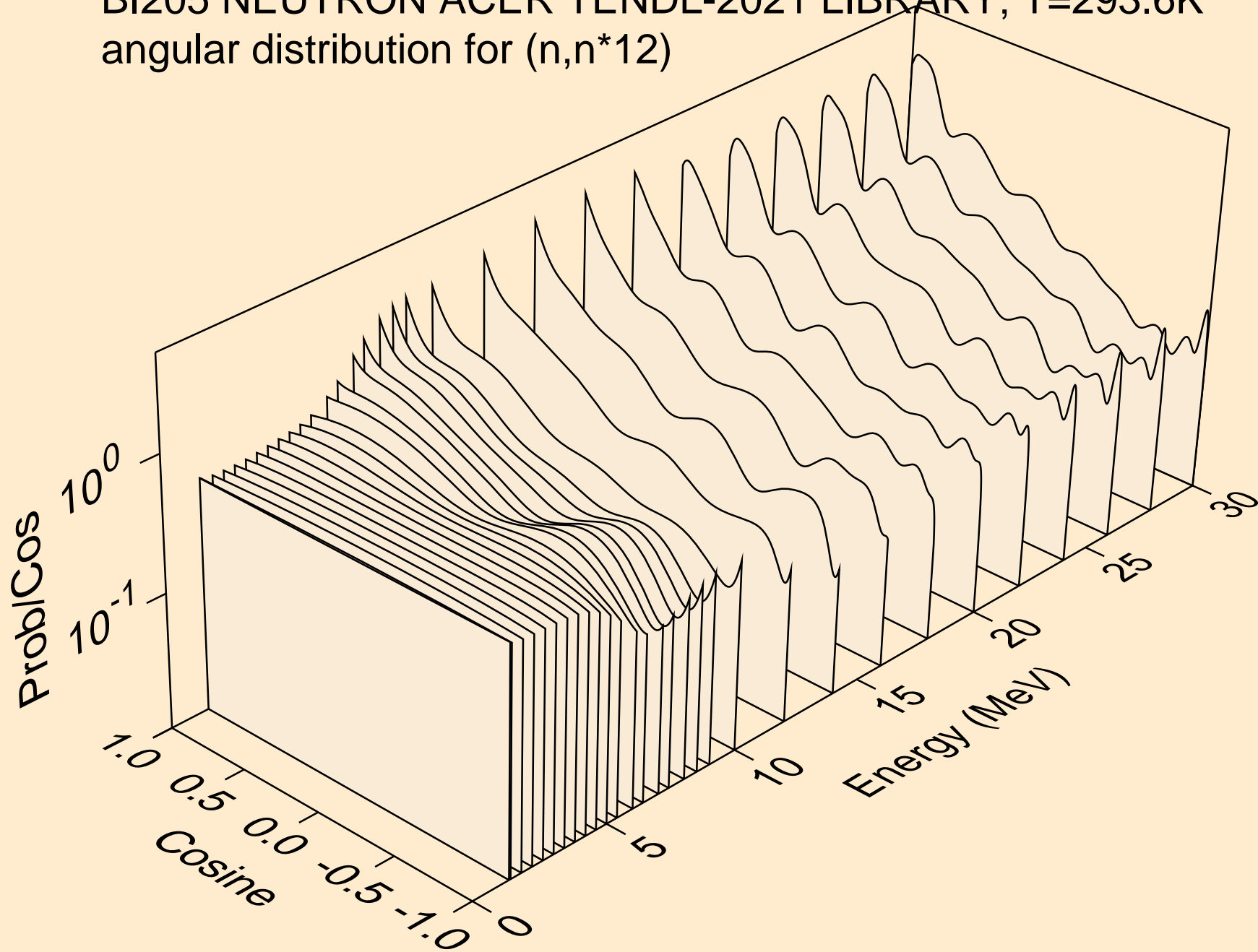


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)

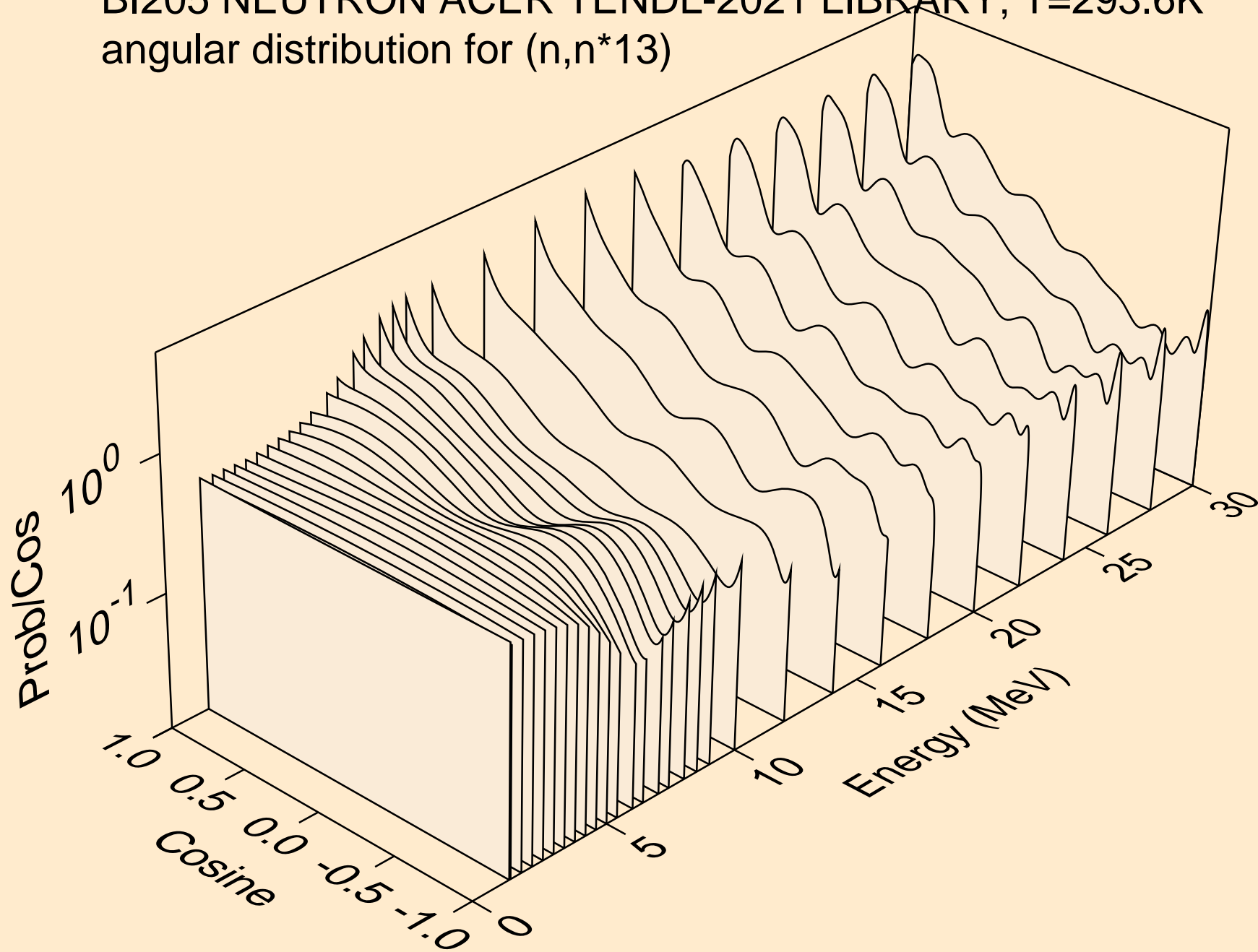




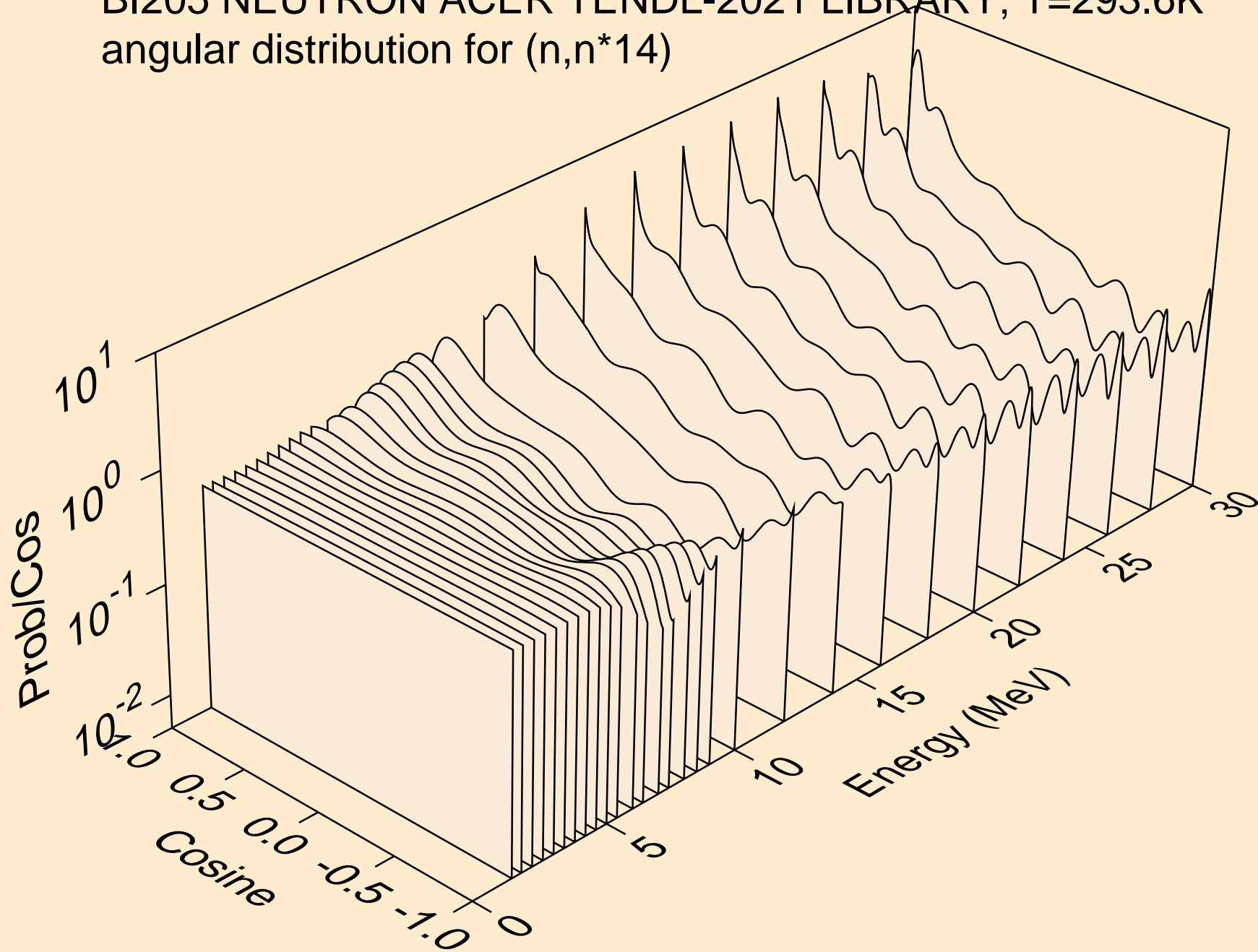
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



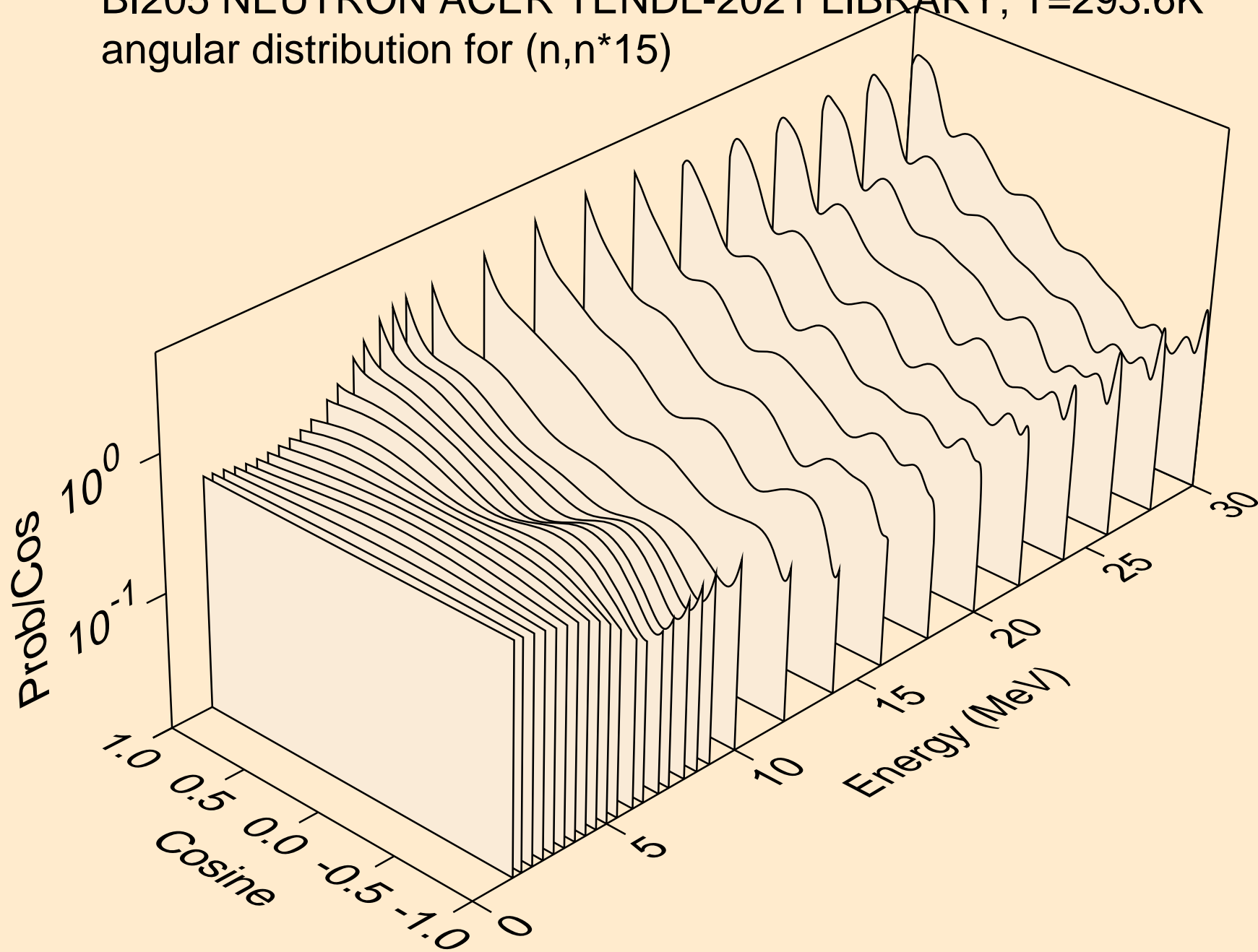
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angular distribution for (n,n\*13)



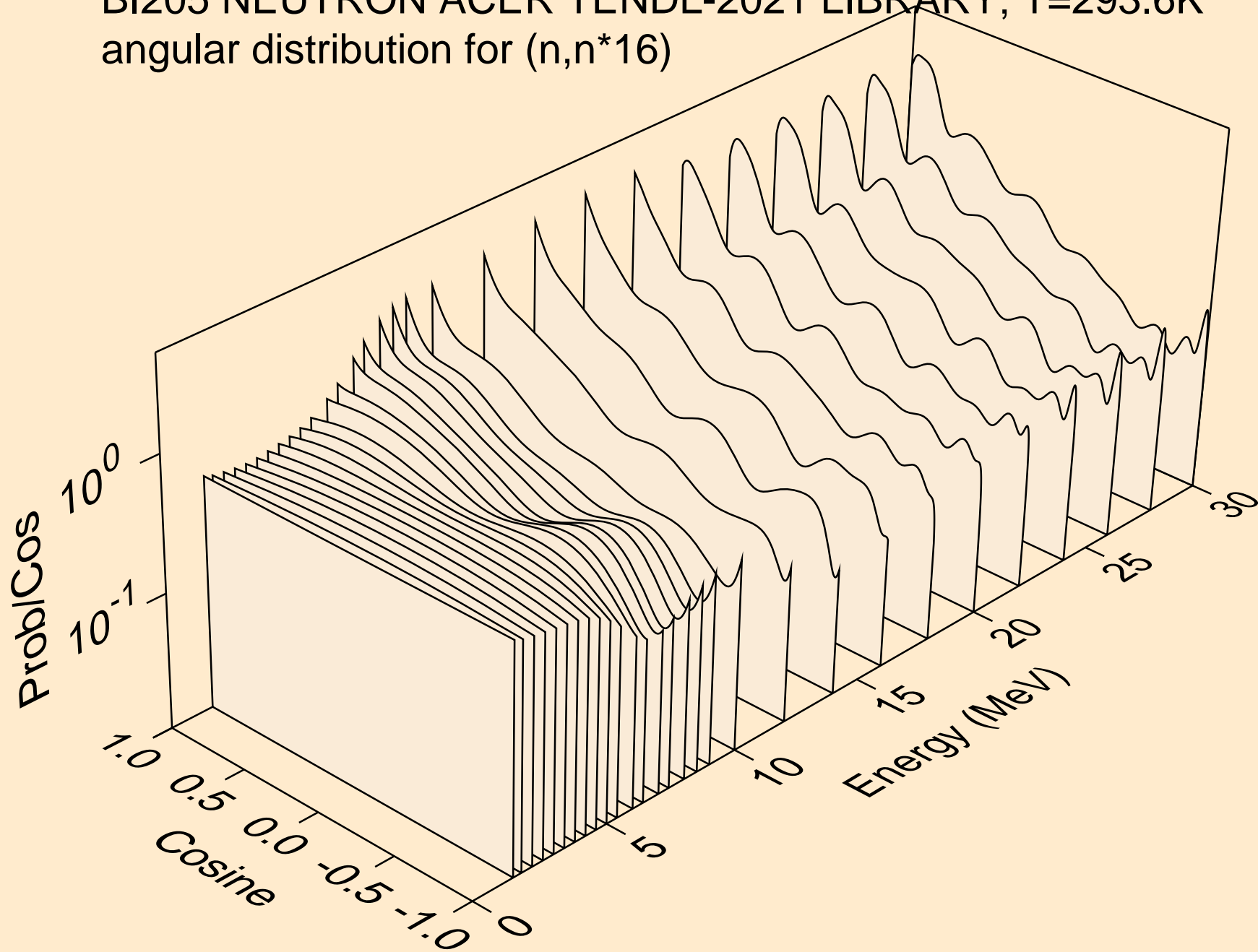
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angular distribution for (n,n\*14)



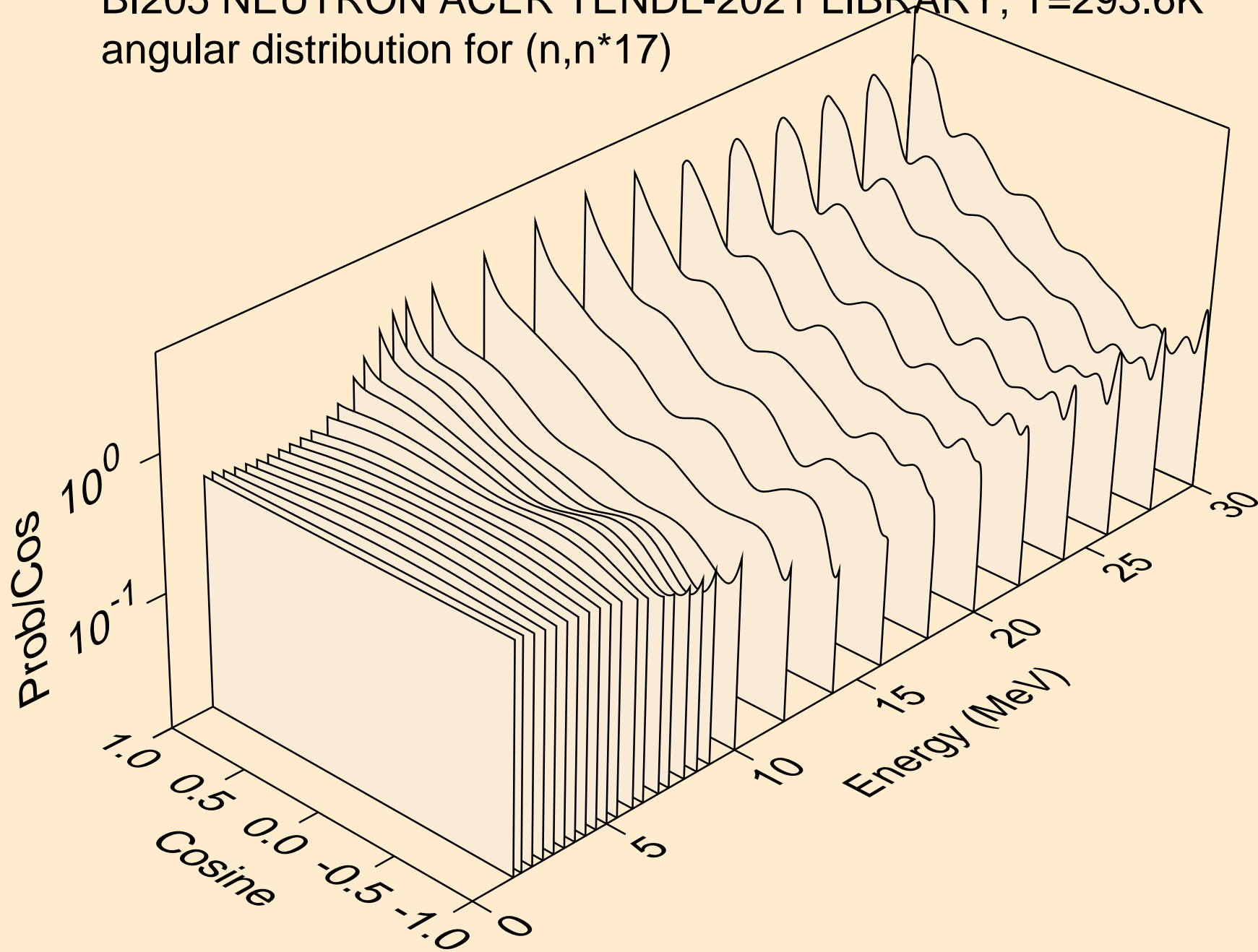
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angular distribution for (n,n\*15)



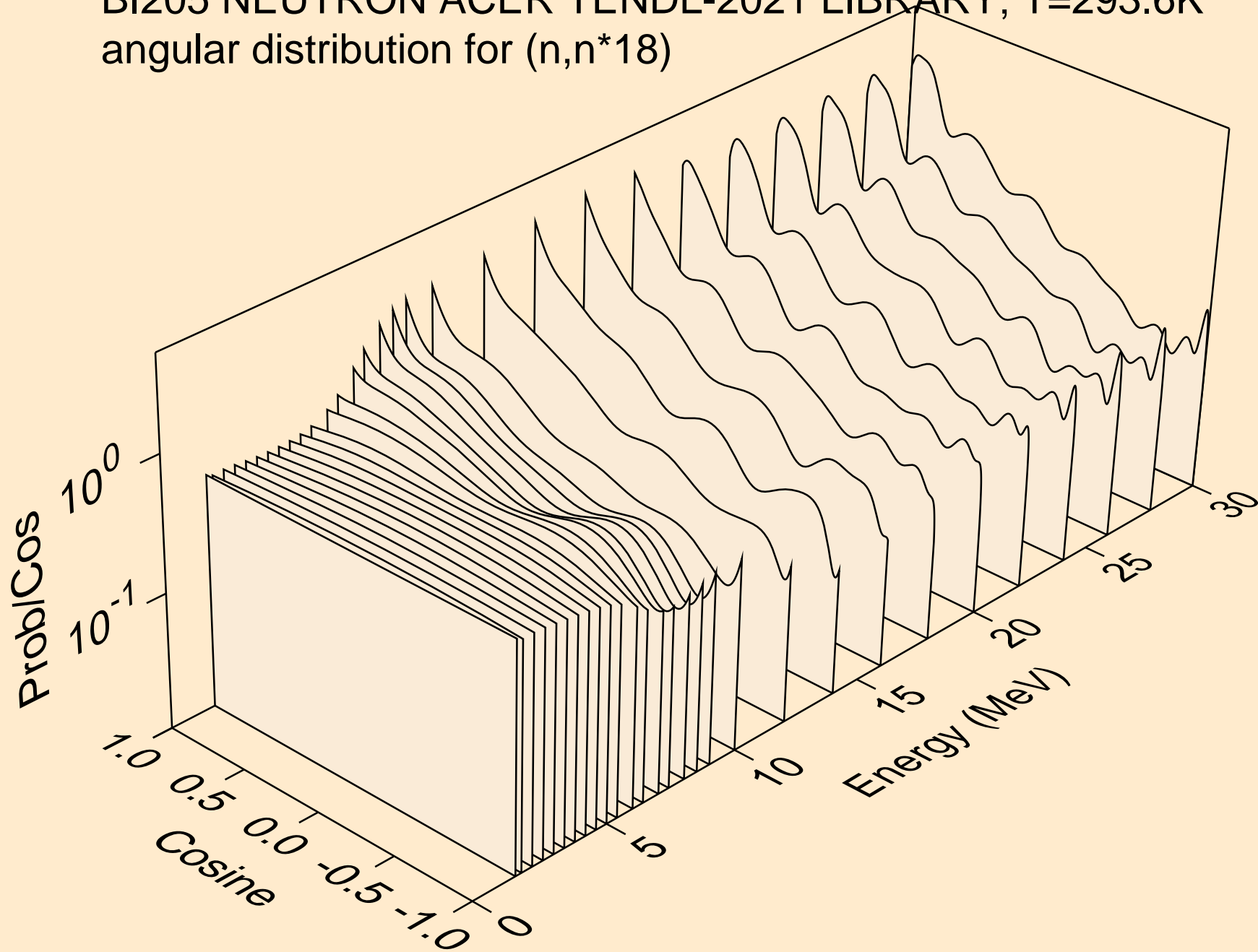
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angular distribution for (n,n\*16)



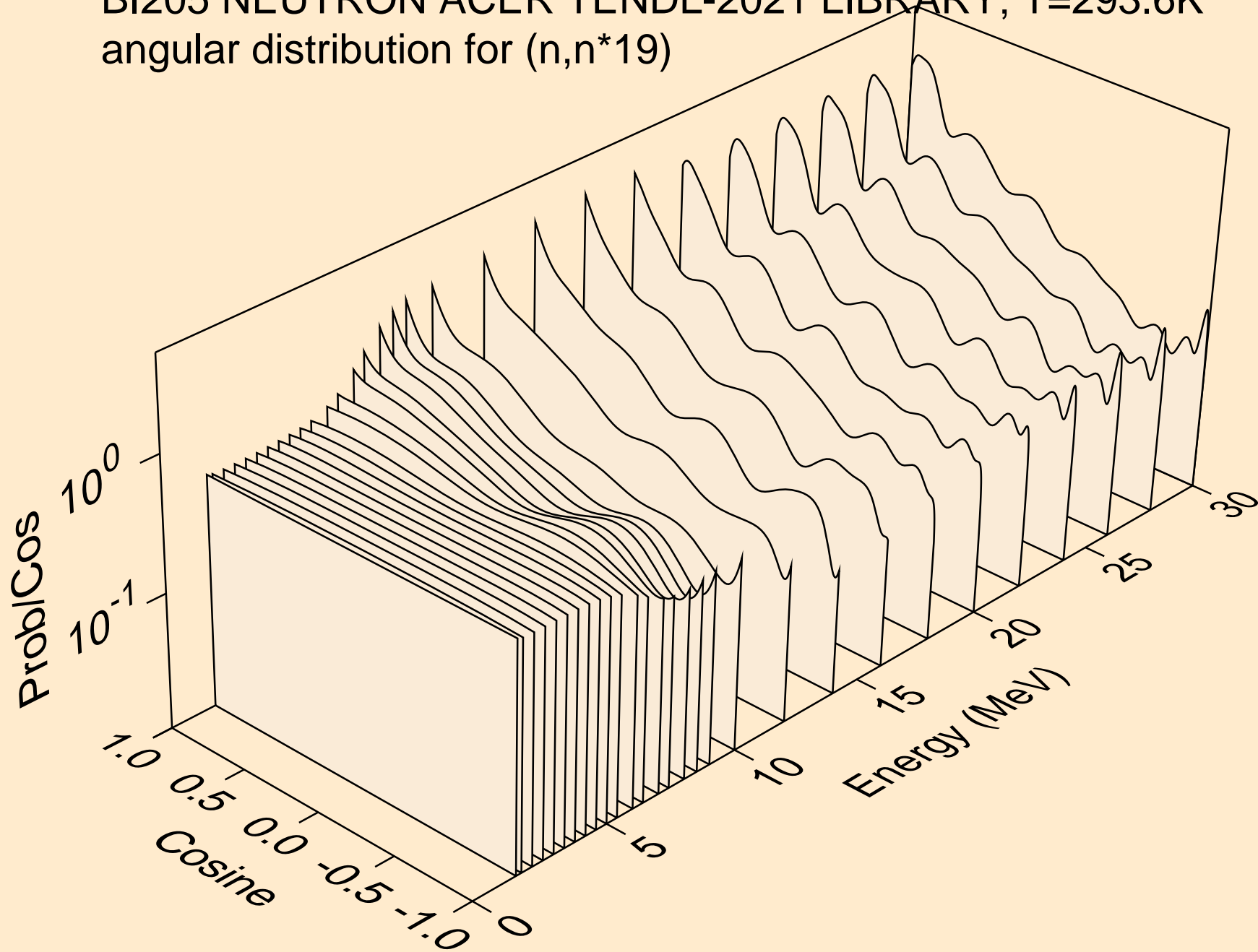
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

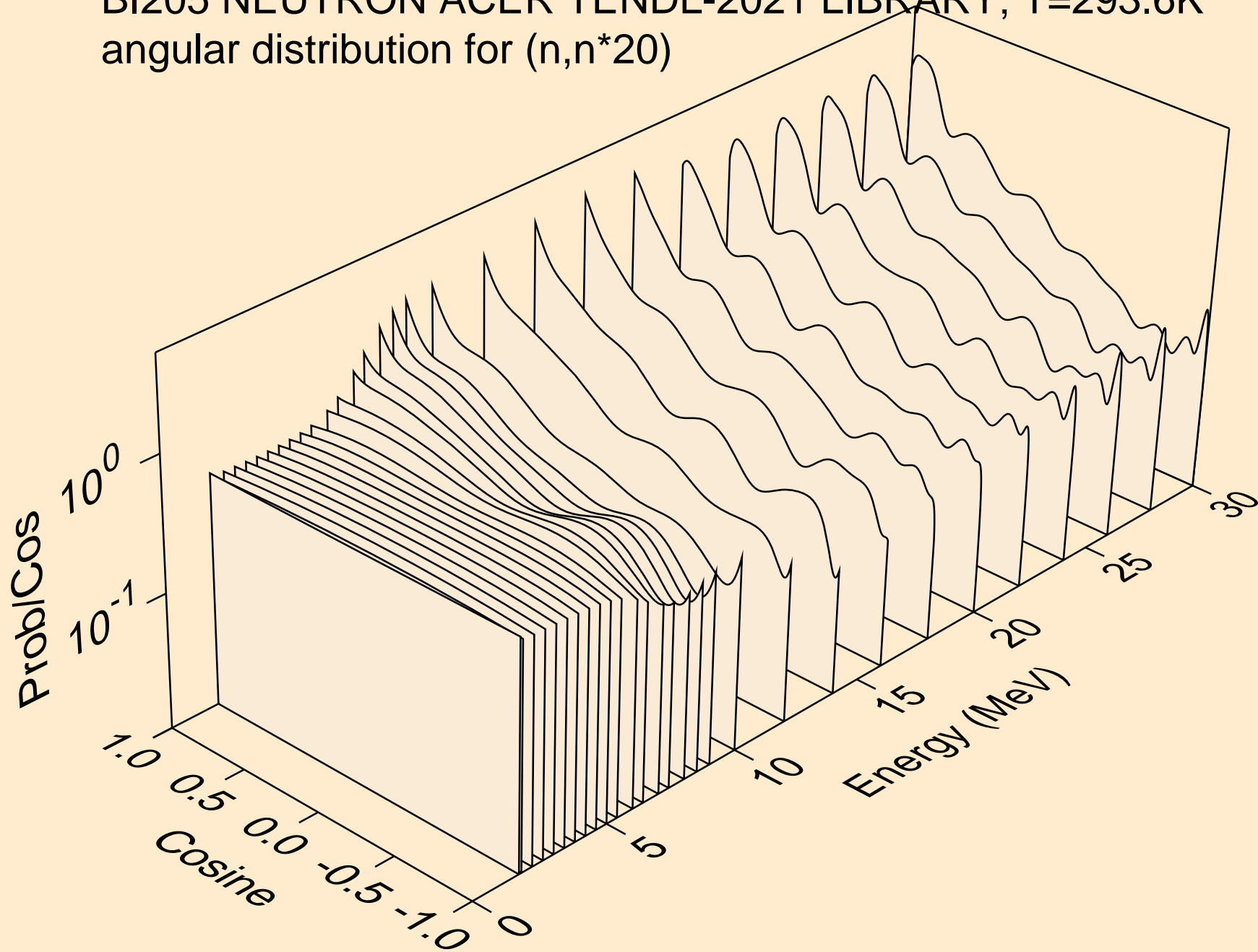


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)

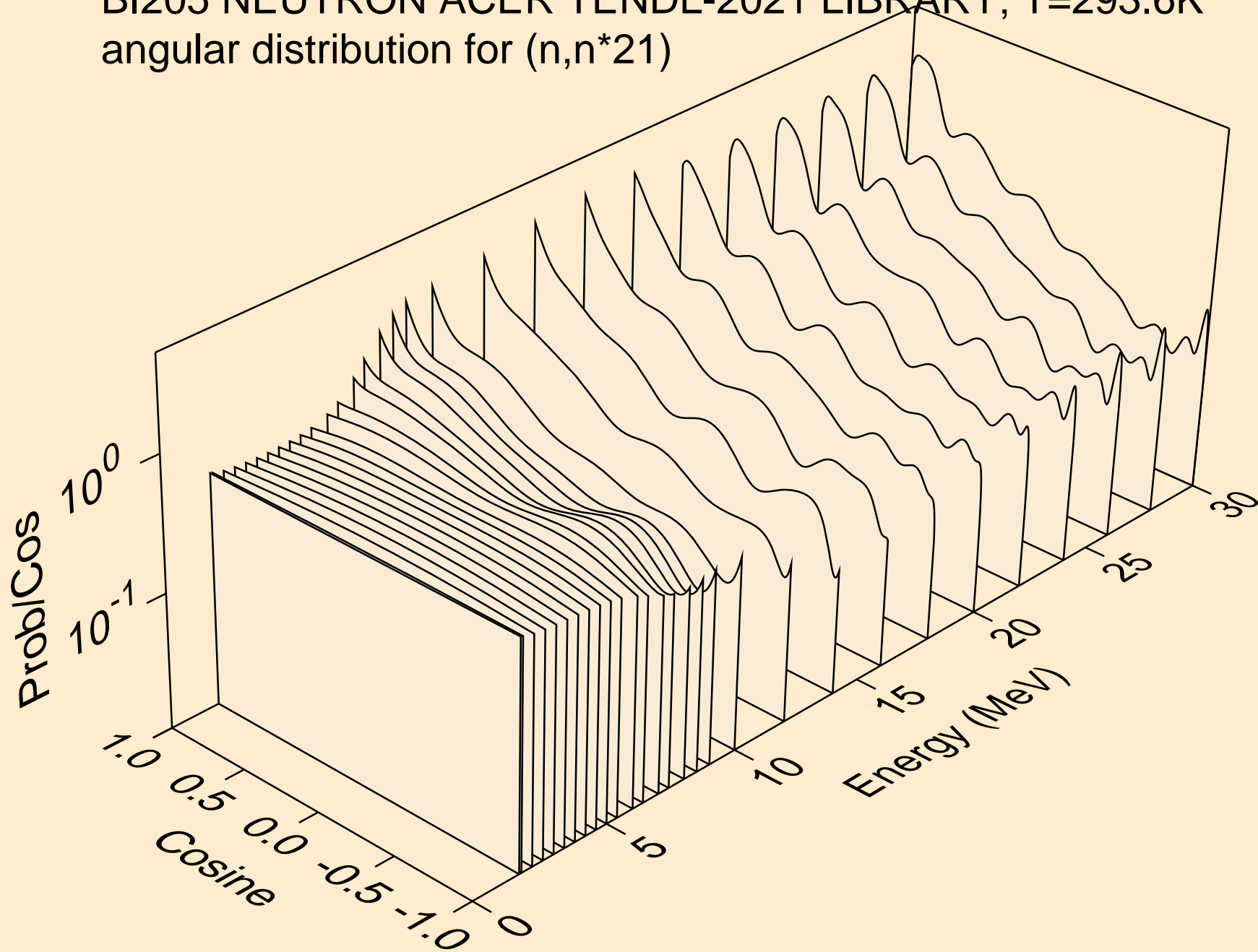




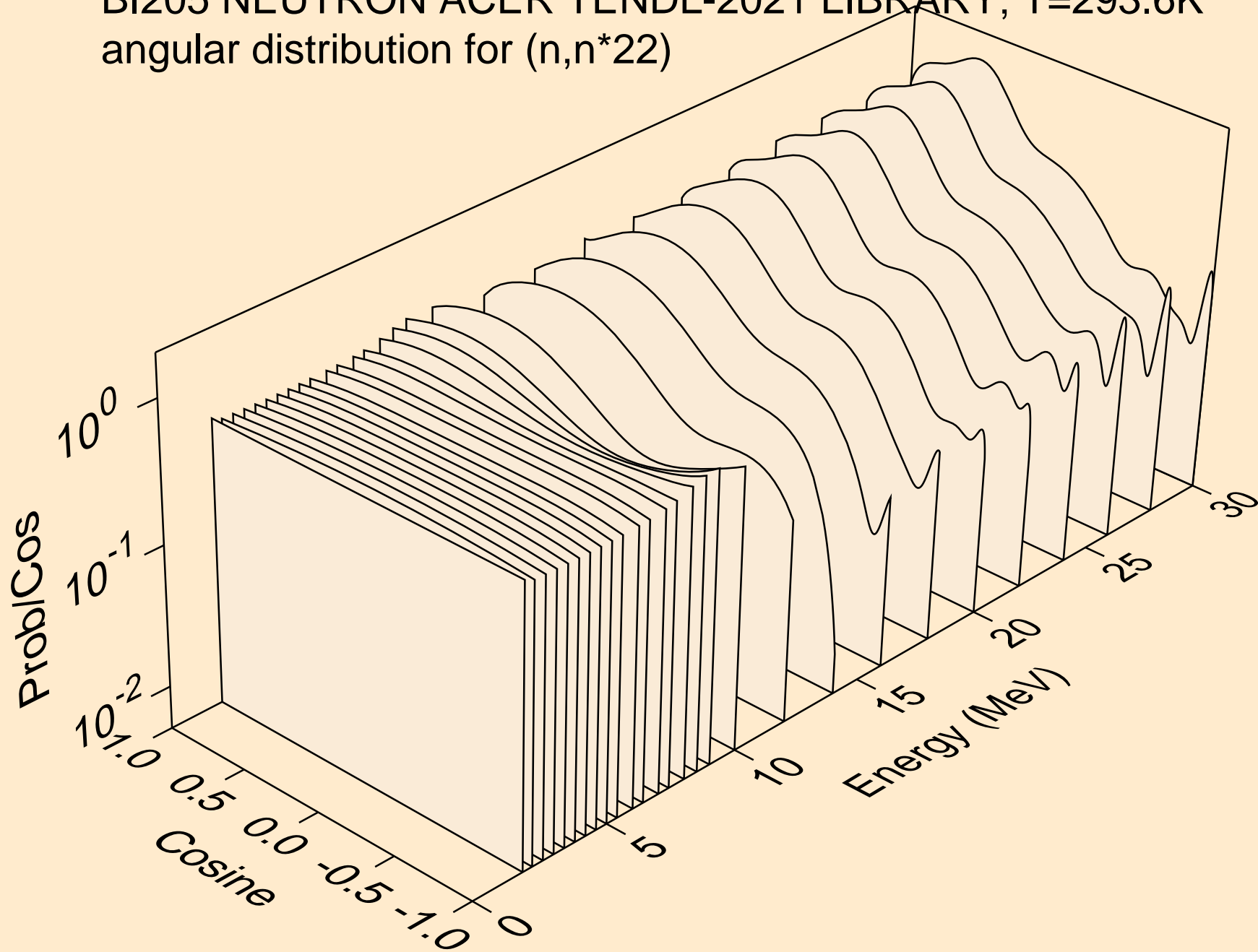
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angular distribution for (n,n\*20)



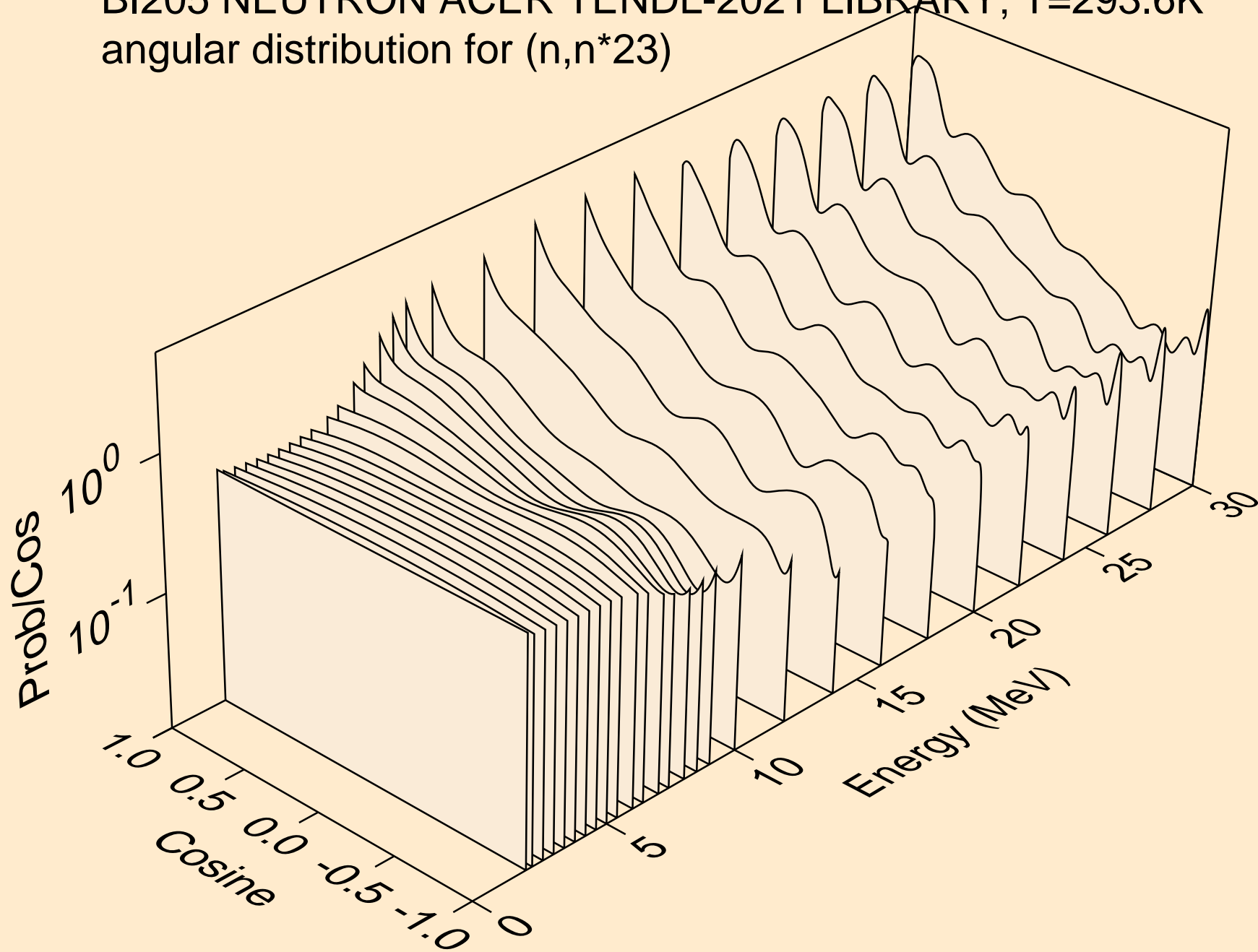
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angular distribution for (n,n\*21)



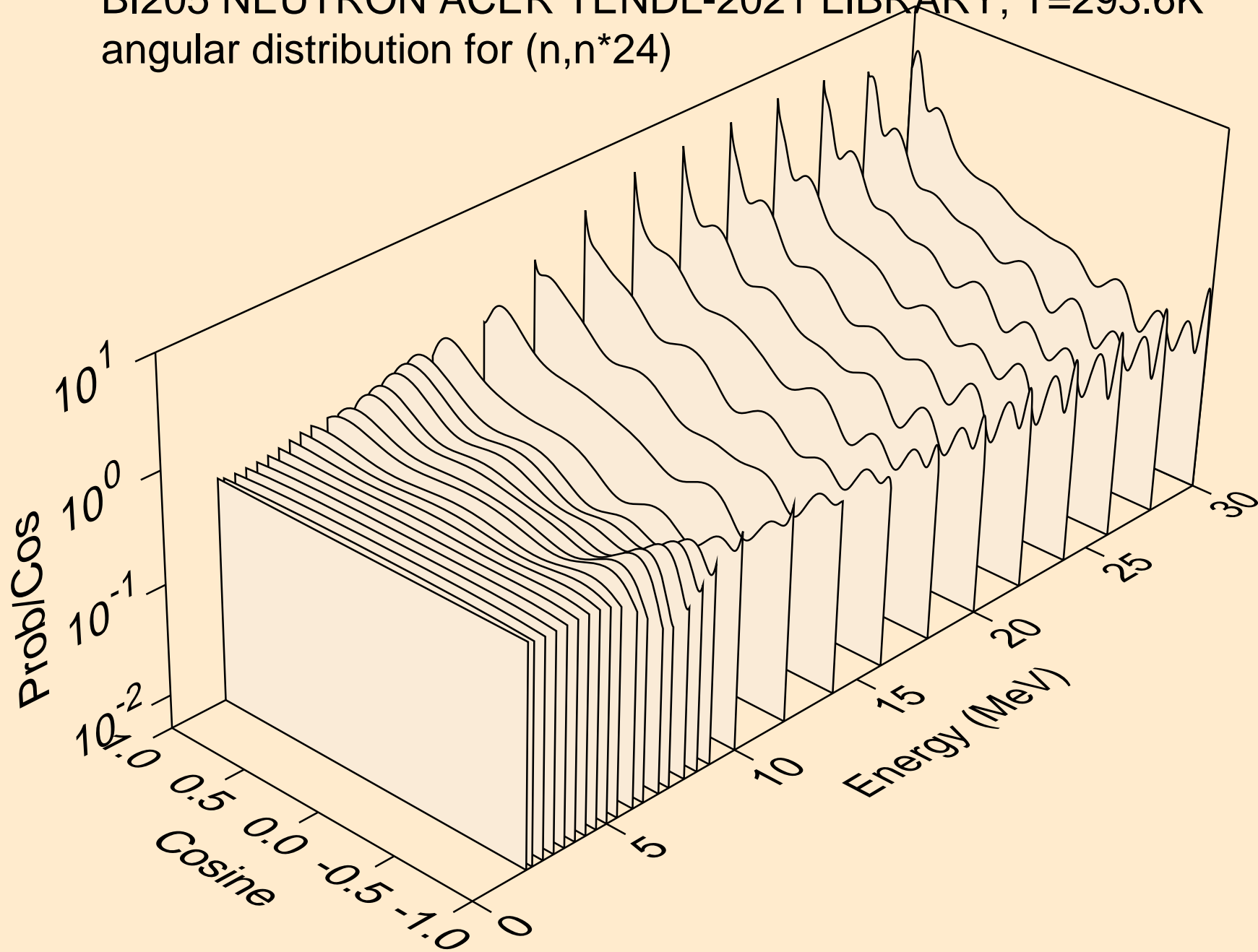
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angular distribution for (n,n\*22)



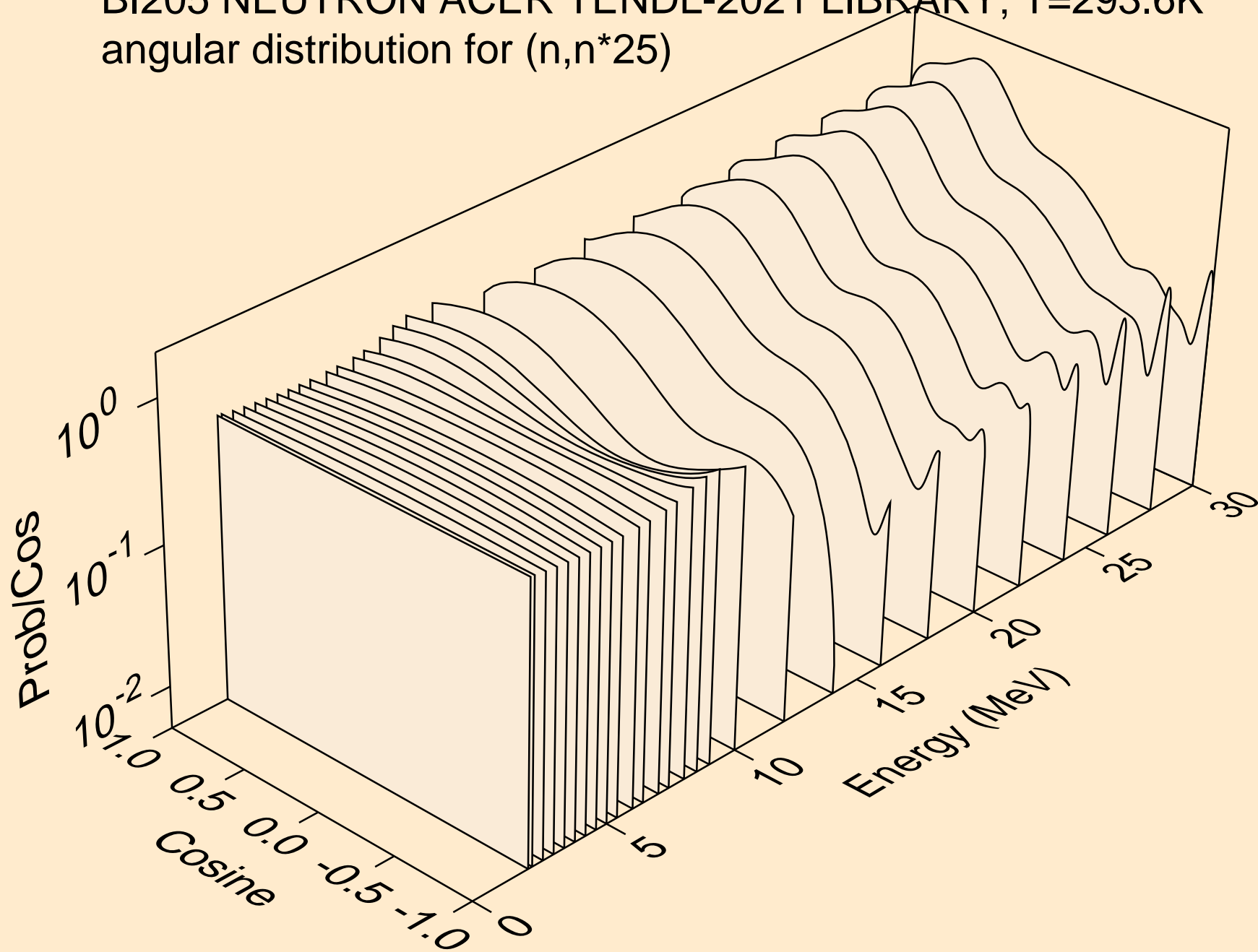
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angular distribution for (n,n\*23)



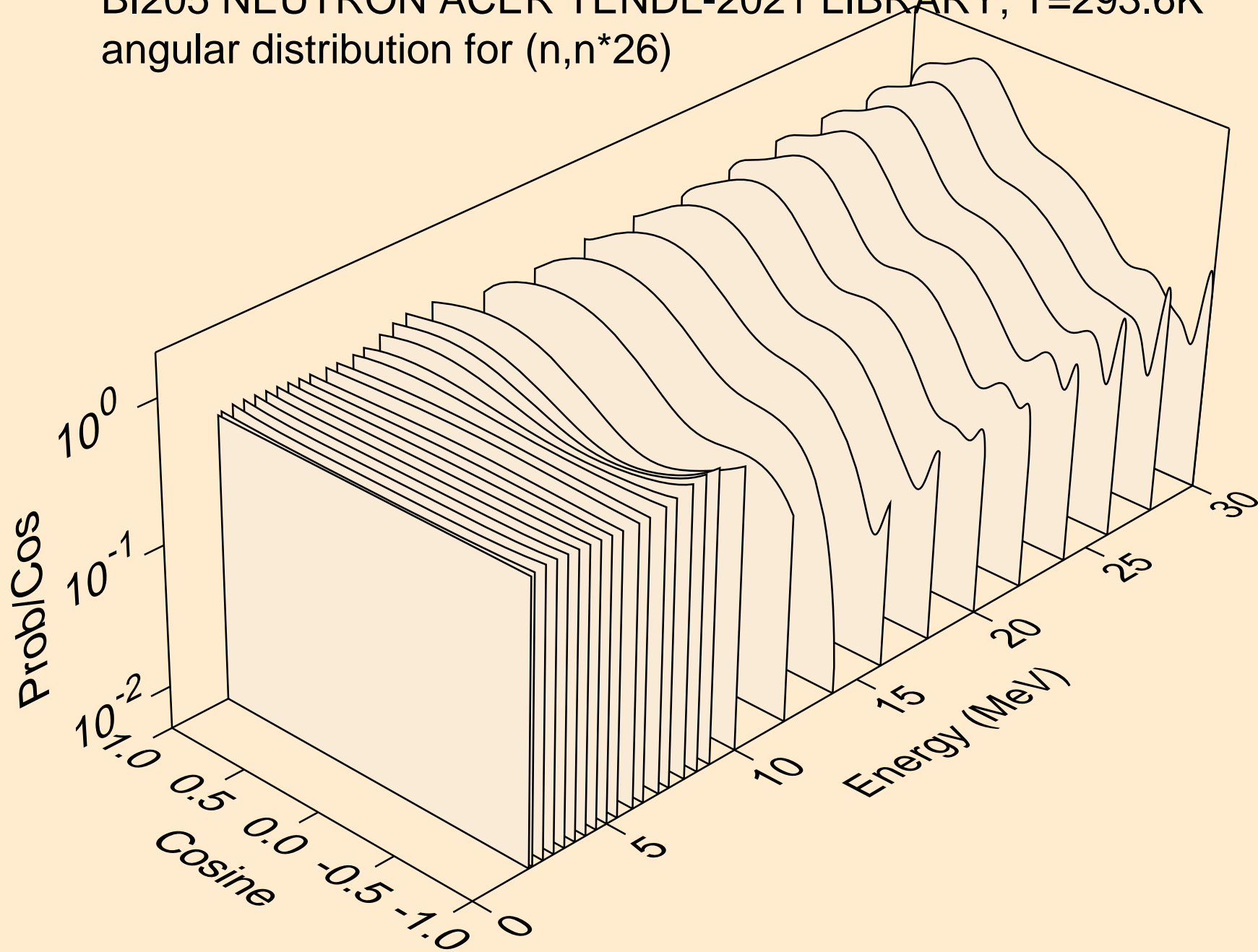
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angular distribution for (n,n\*24)



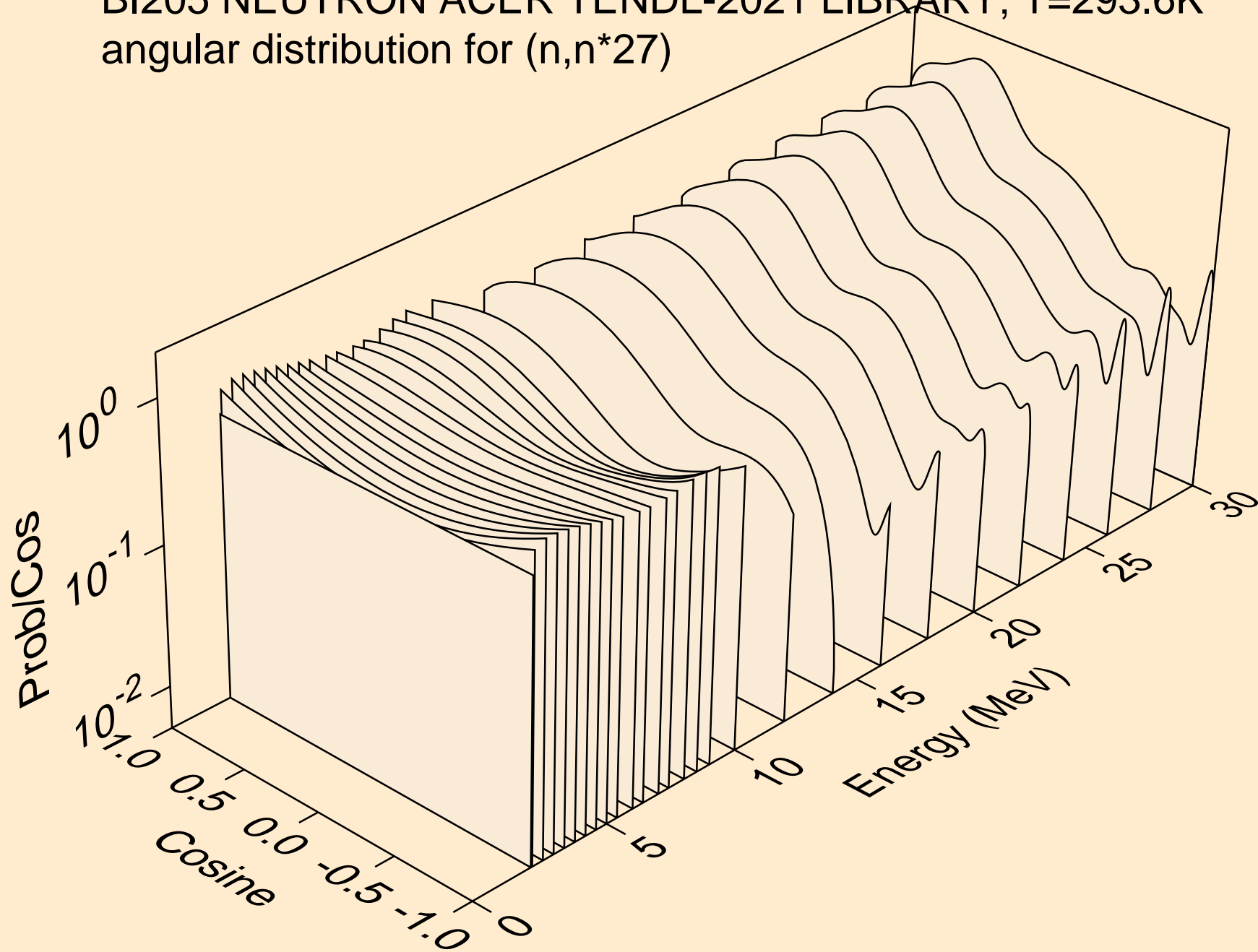
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)

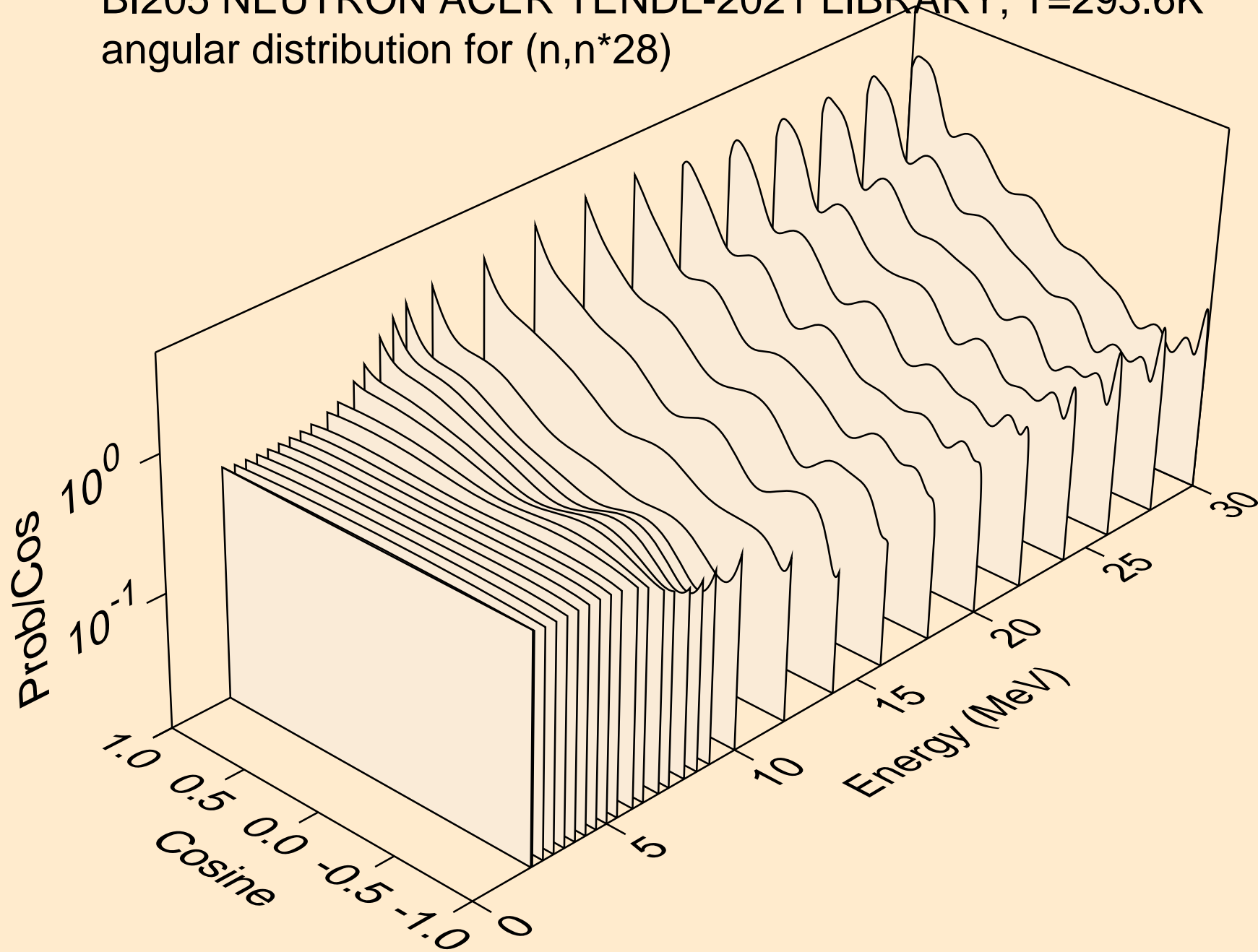


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)

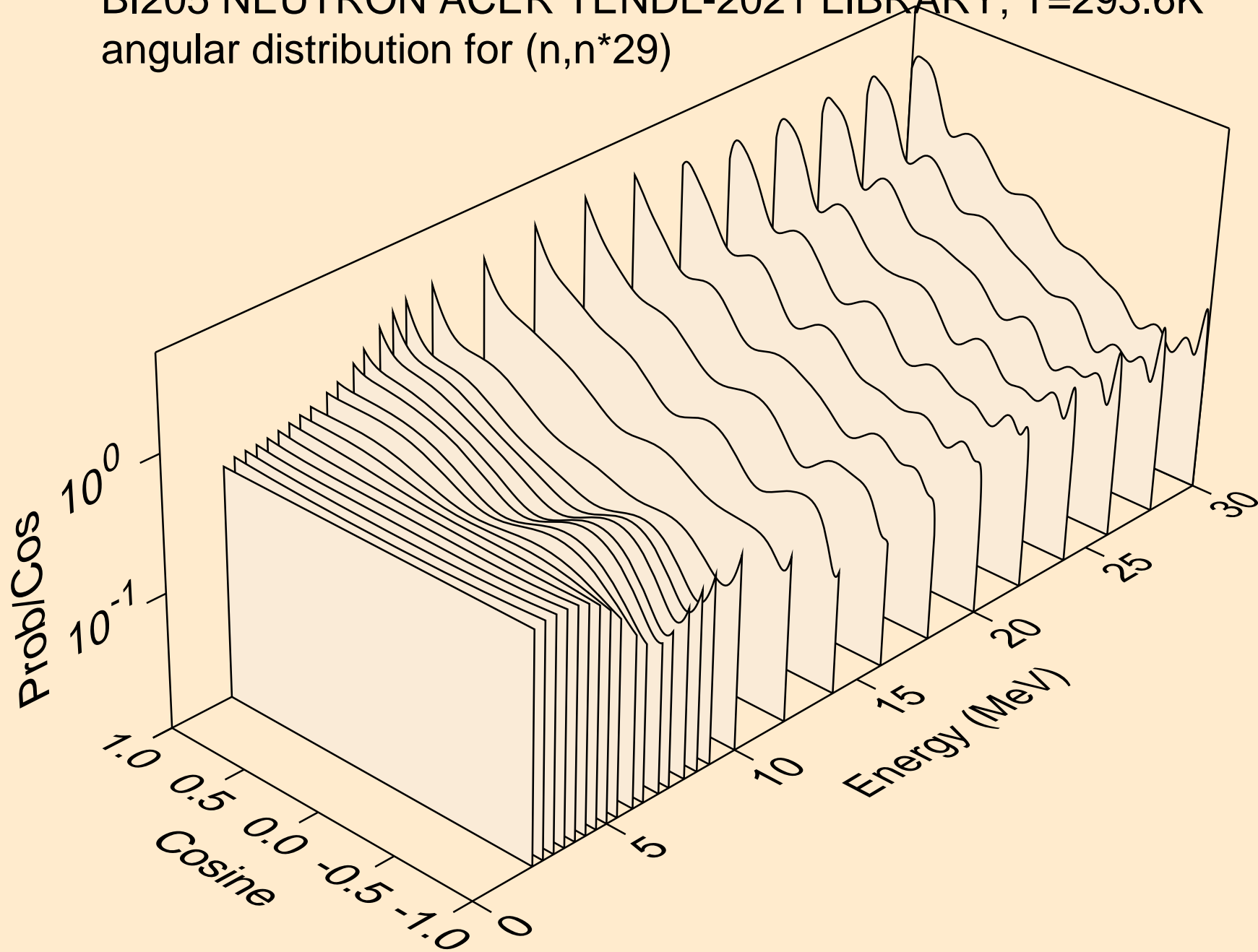




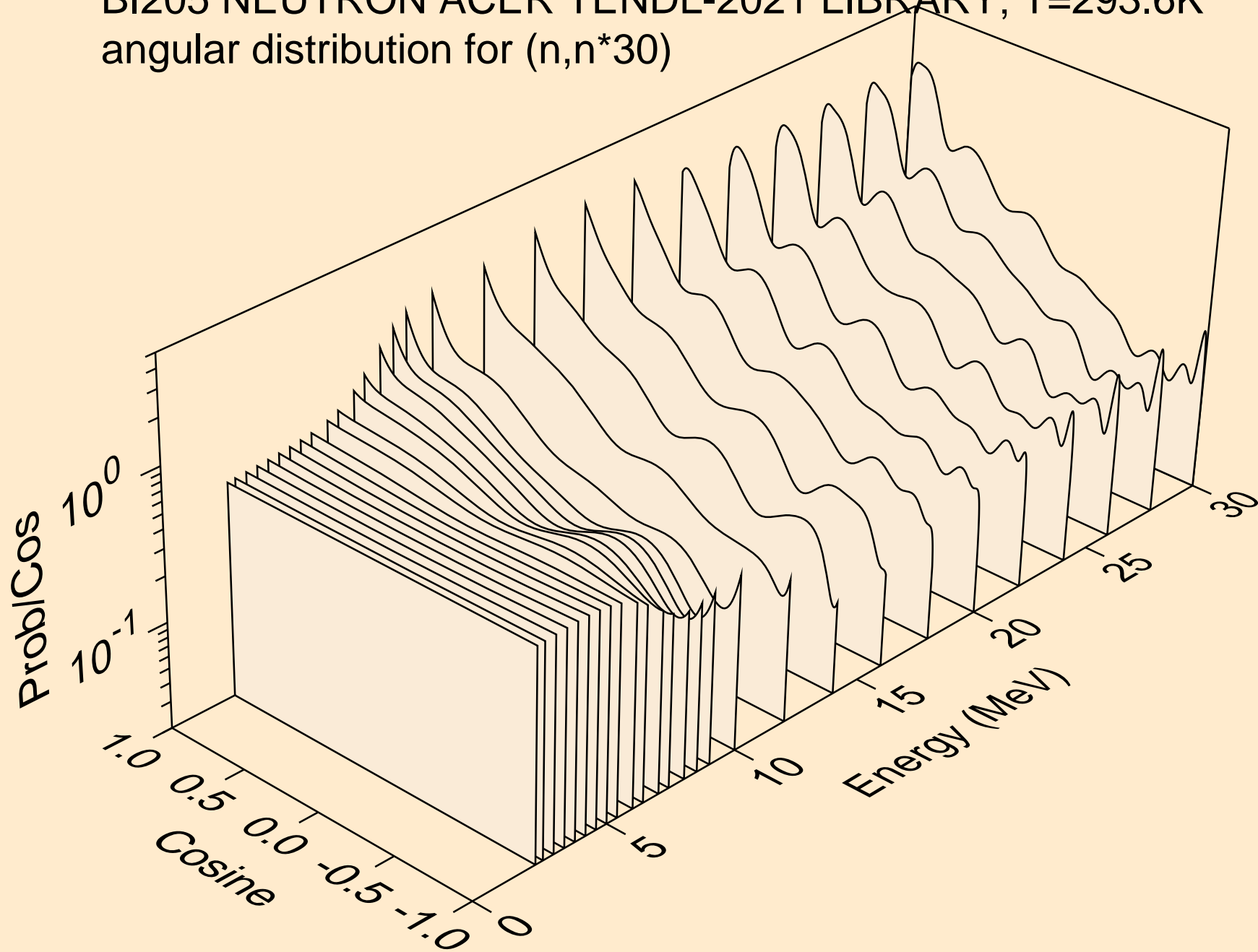
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angular distribution for (n,n\*28)



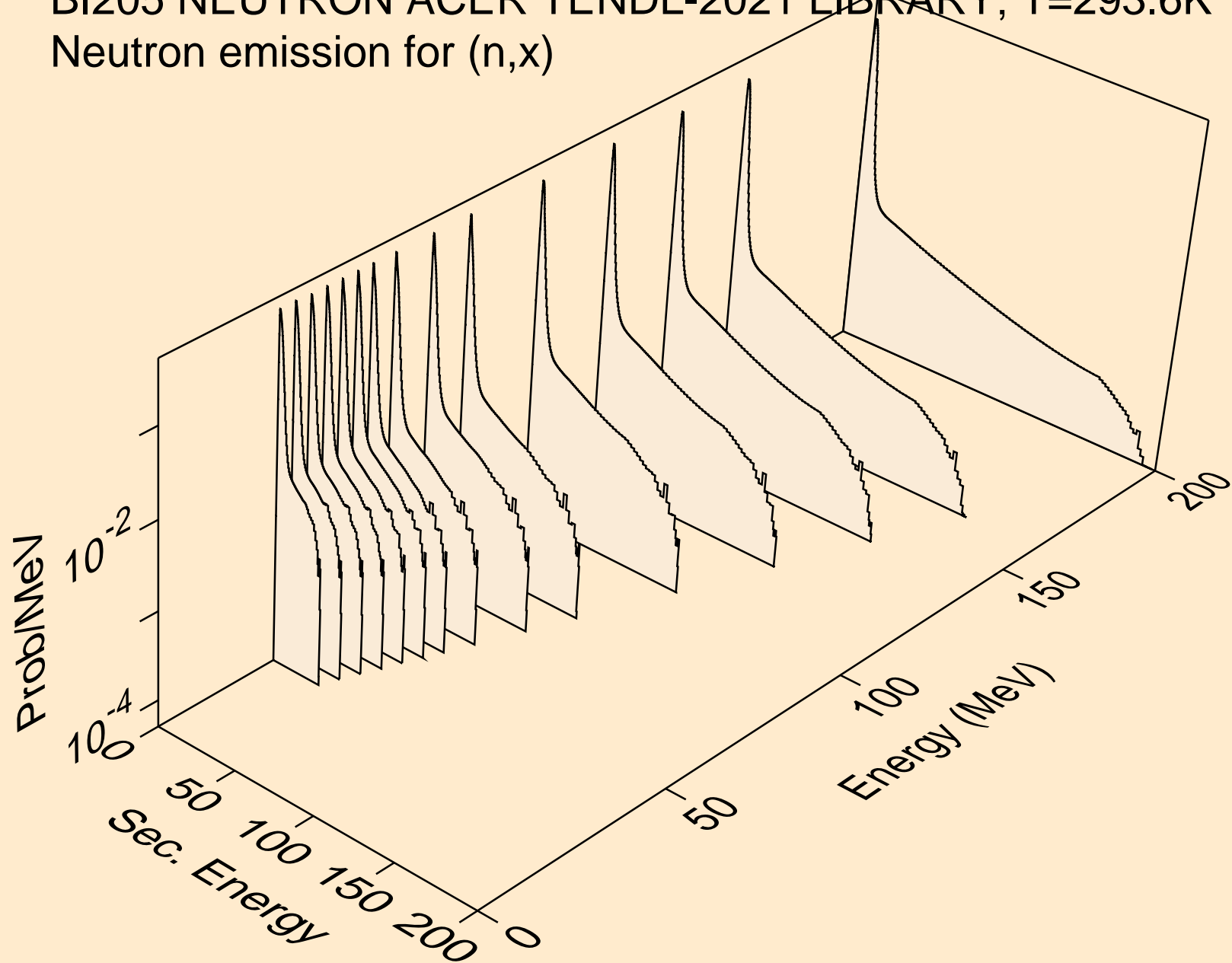
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angular distribution for (n,n\*29)



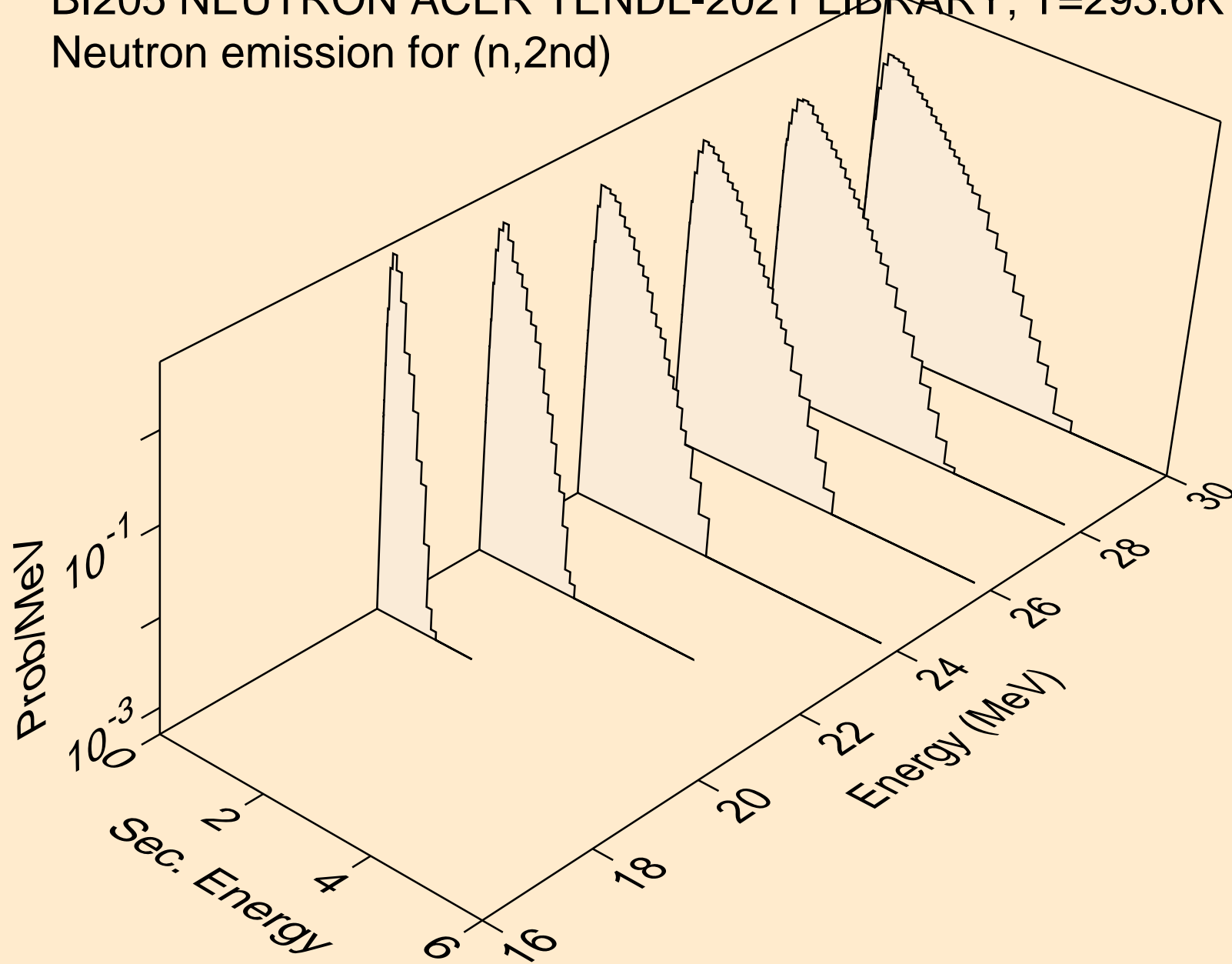
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angular distribution for (n,n\*30)



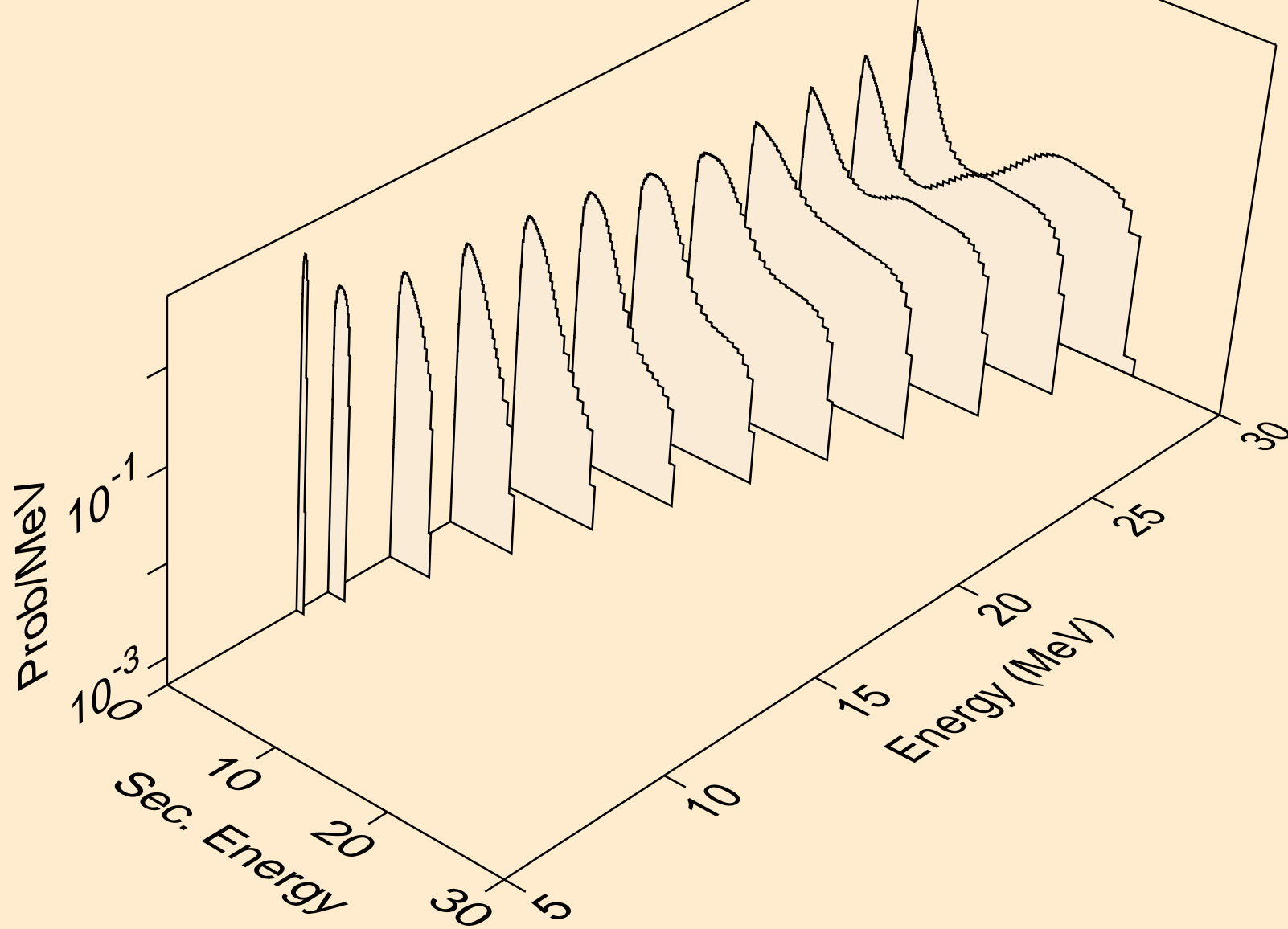
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



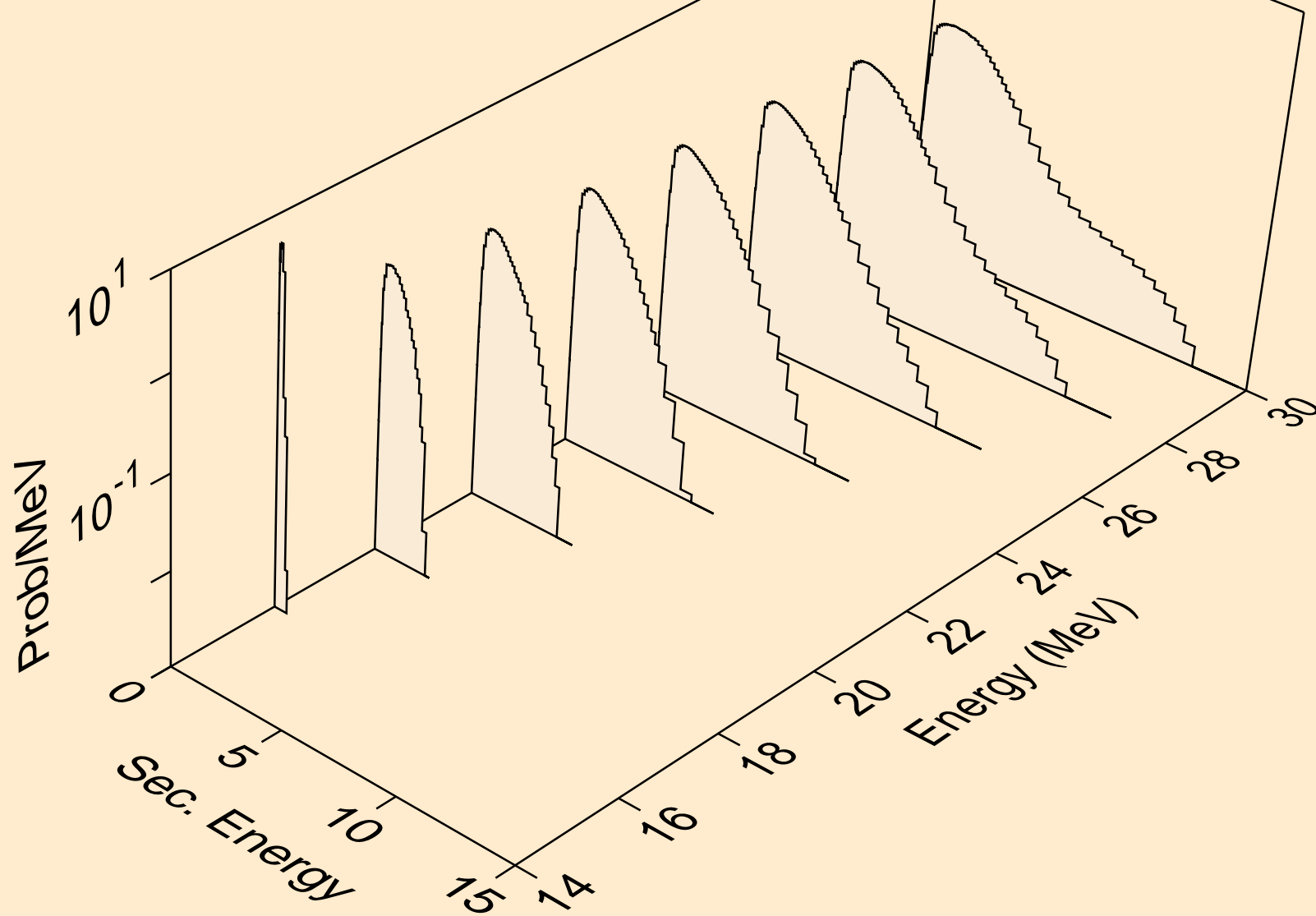
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



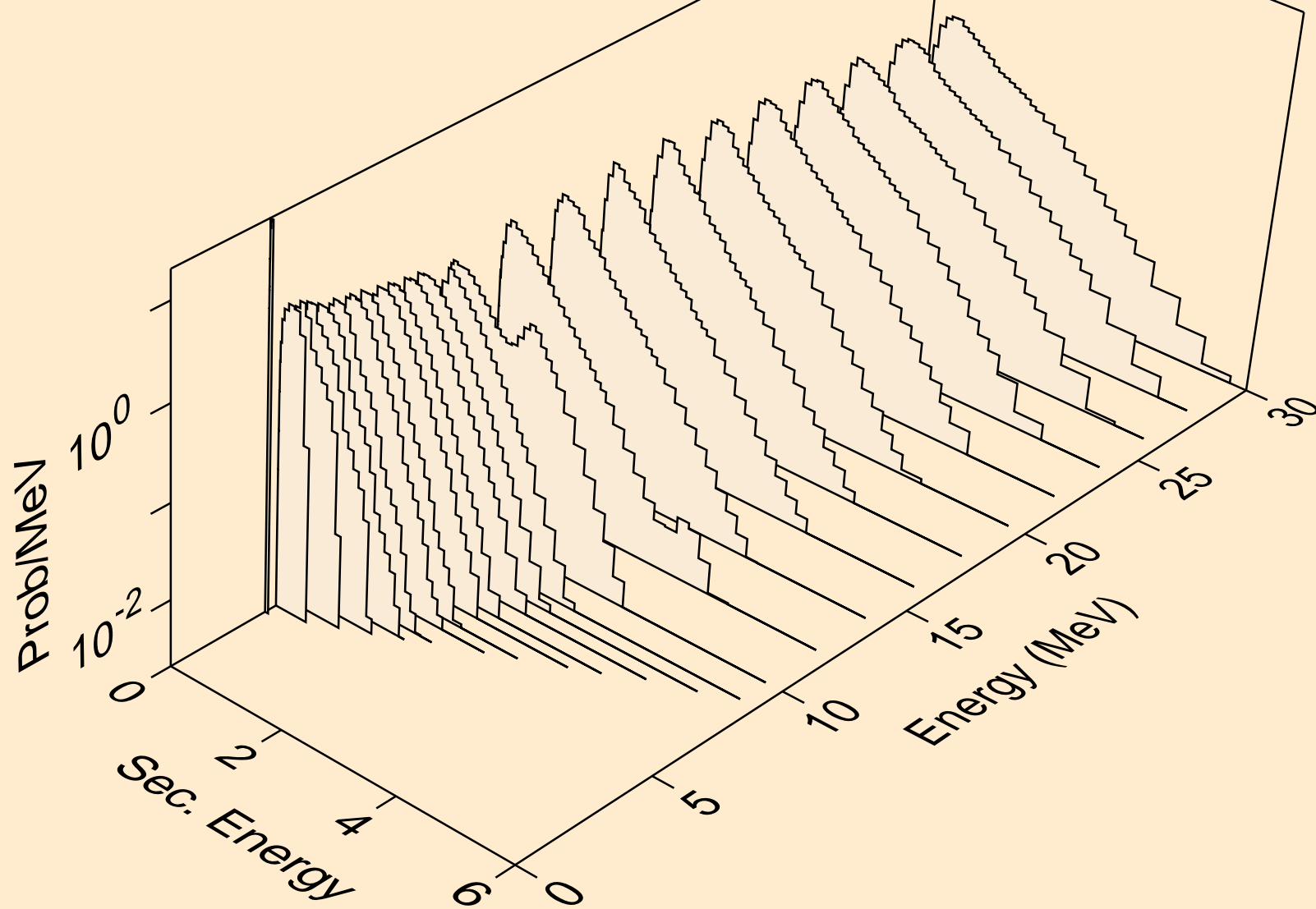
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

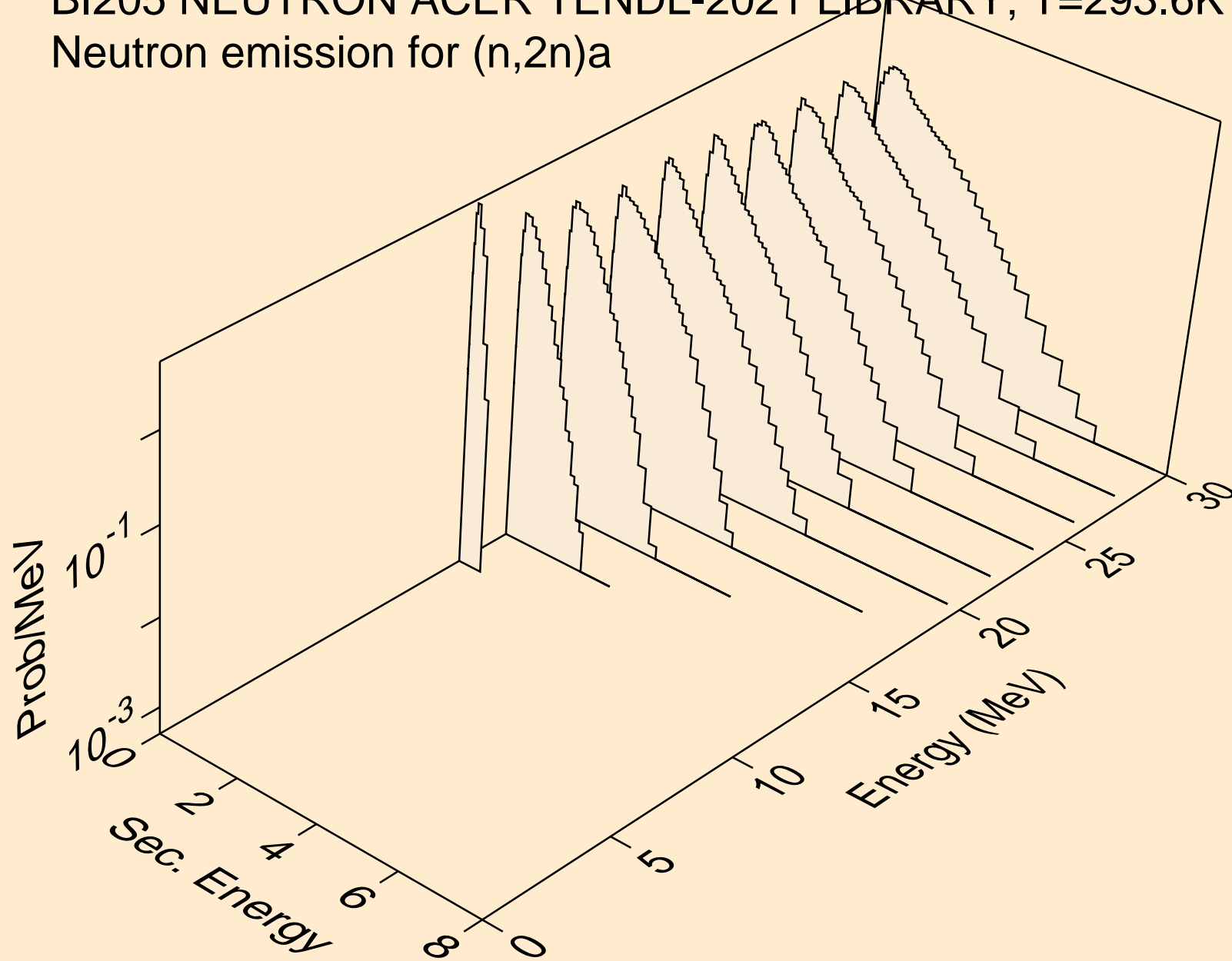


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

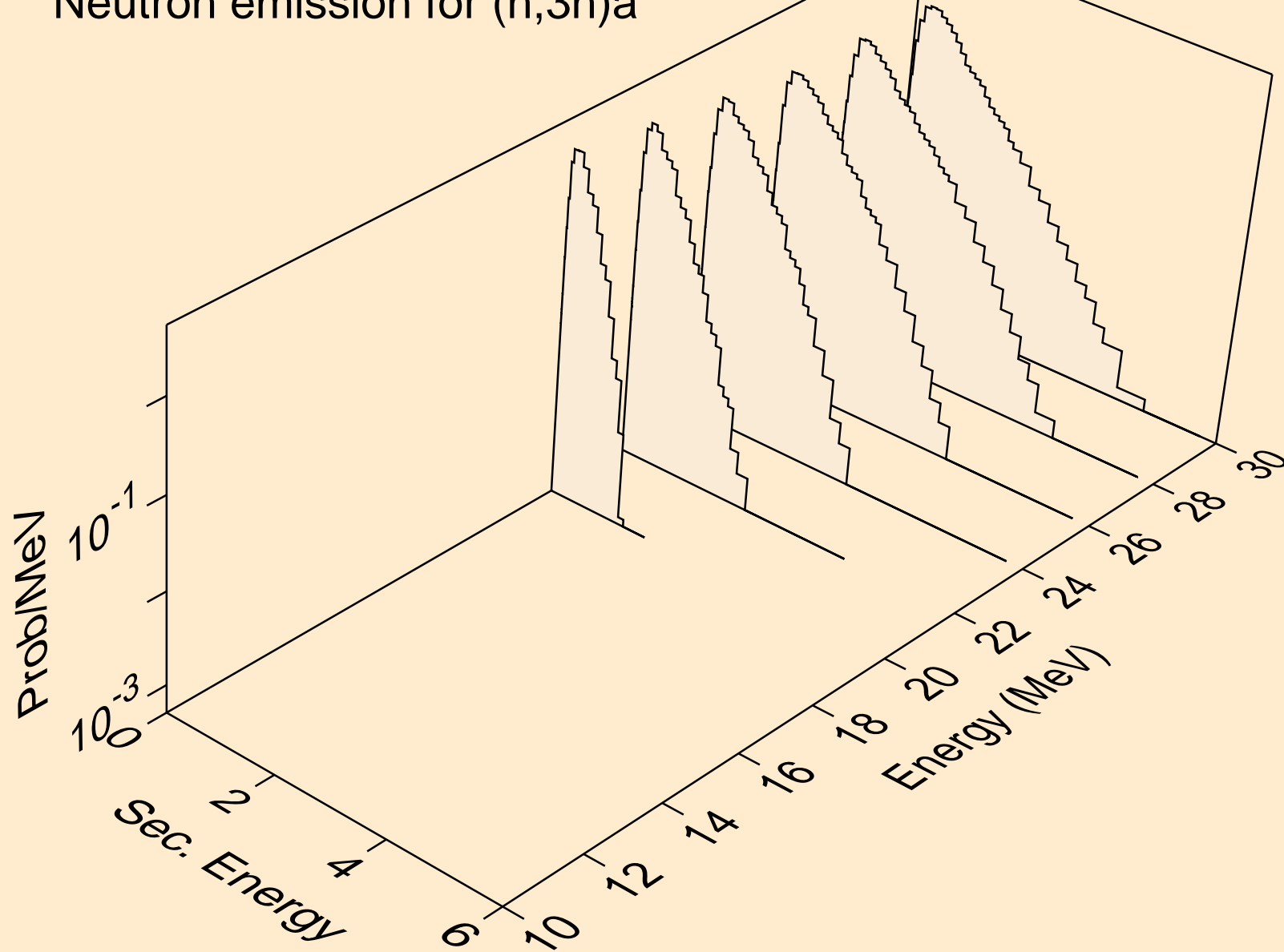




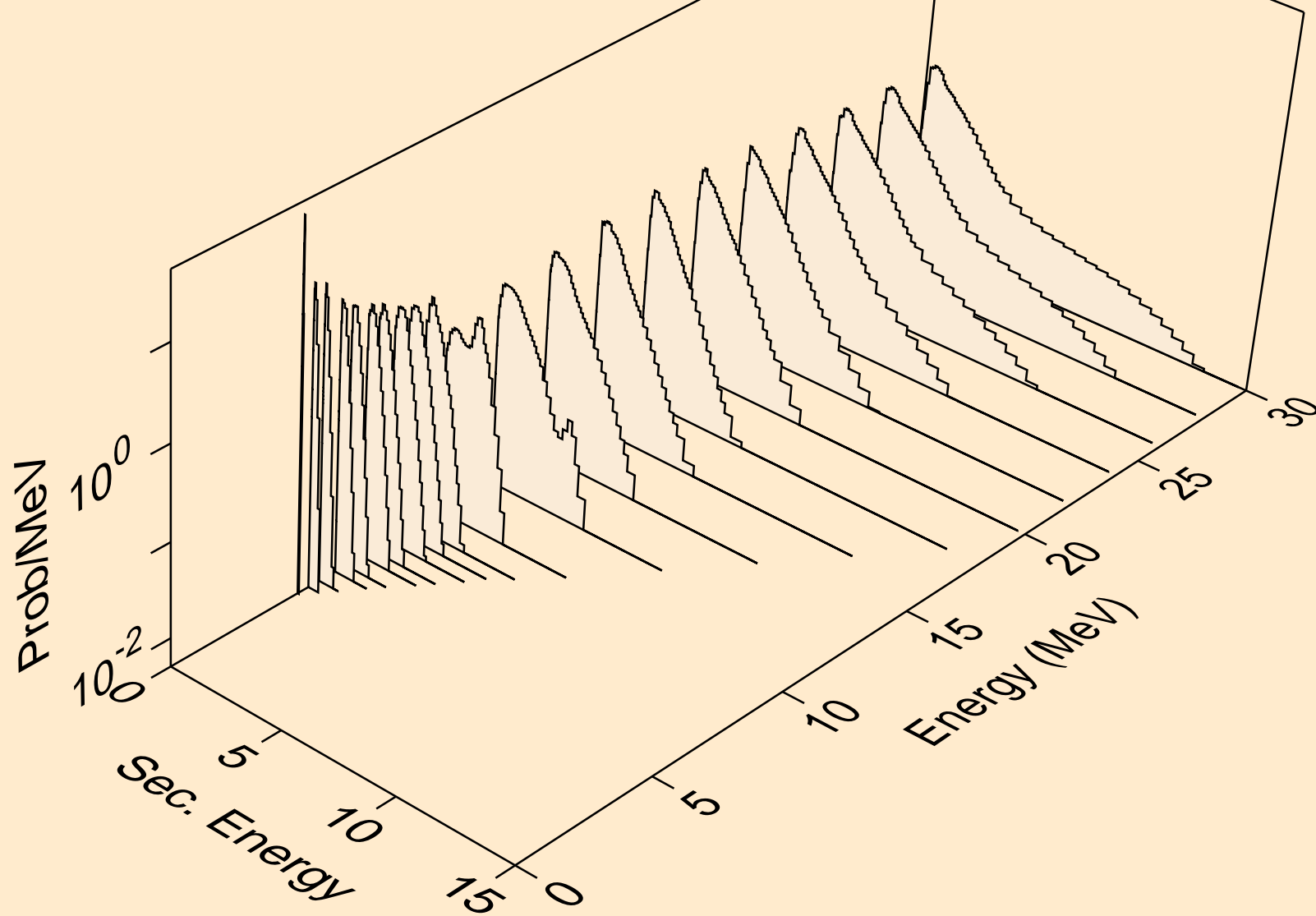
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



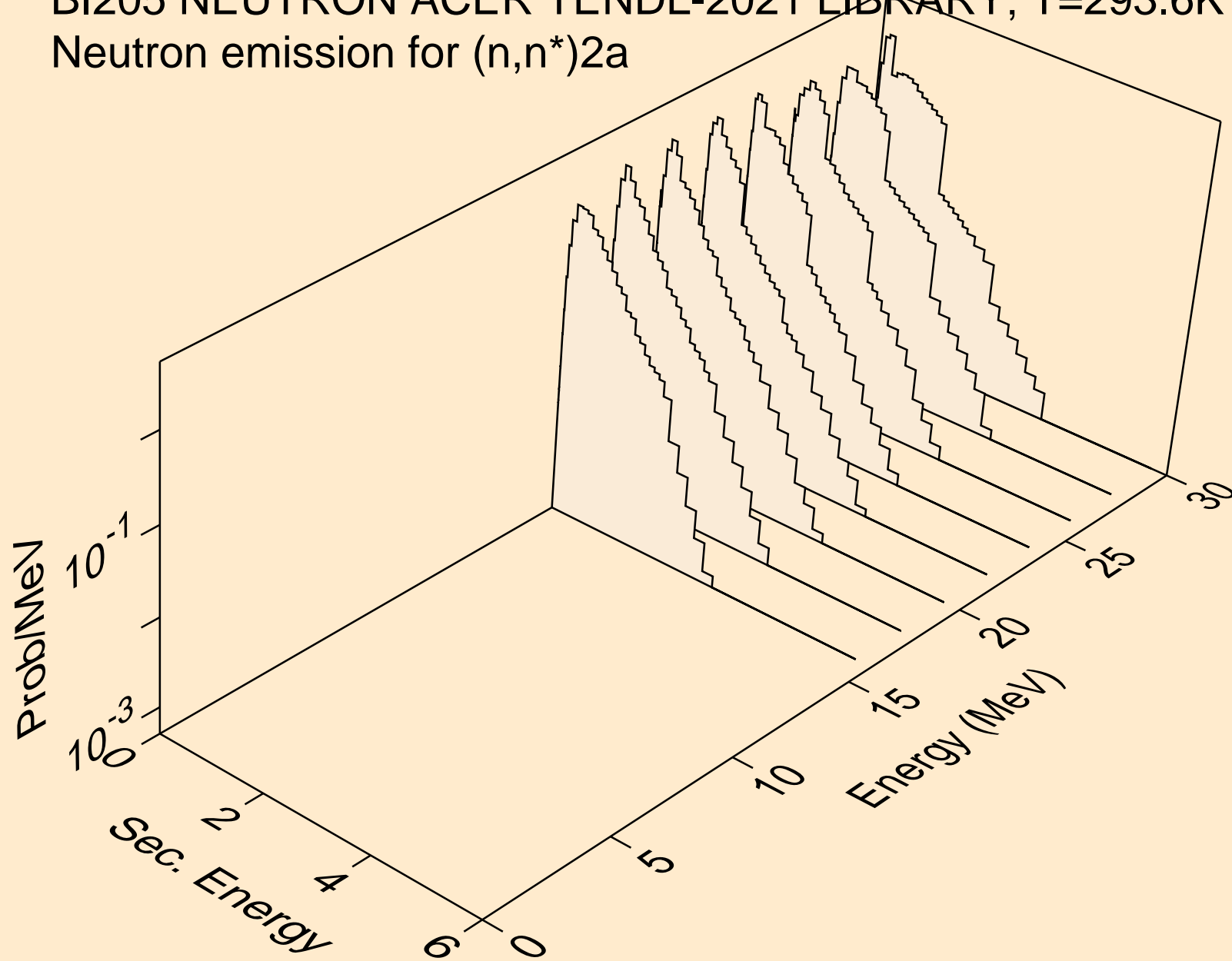
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



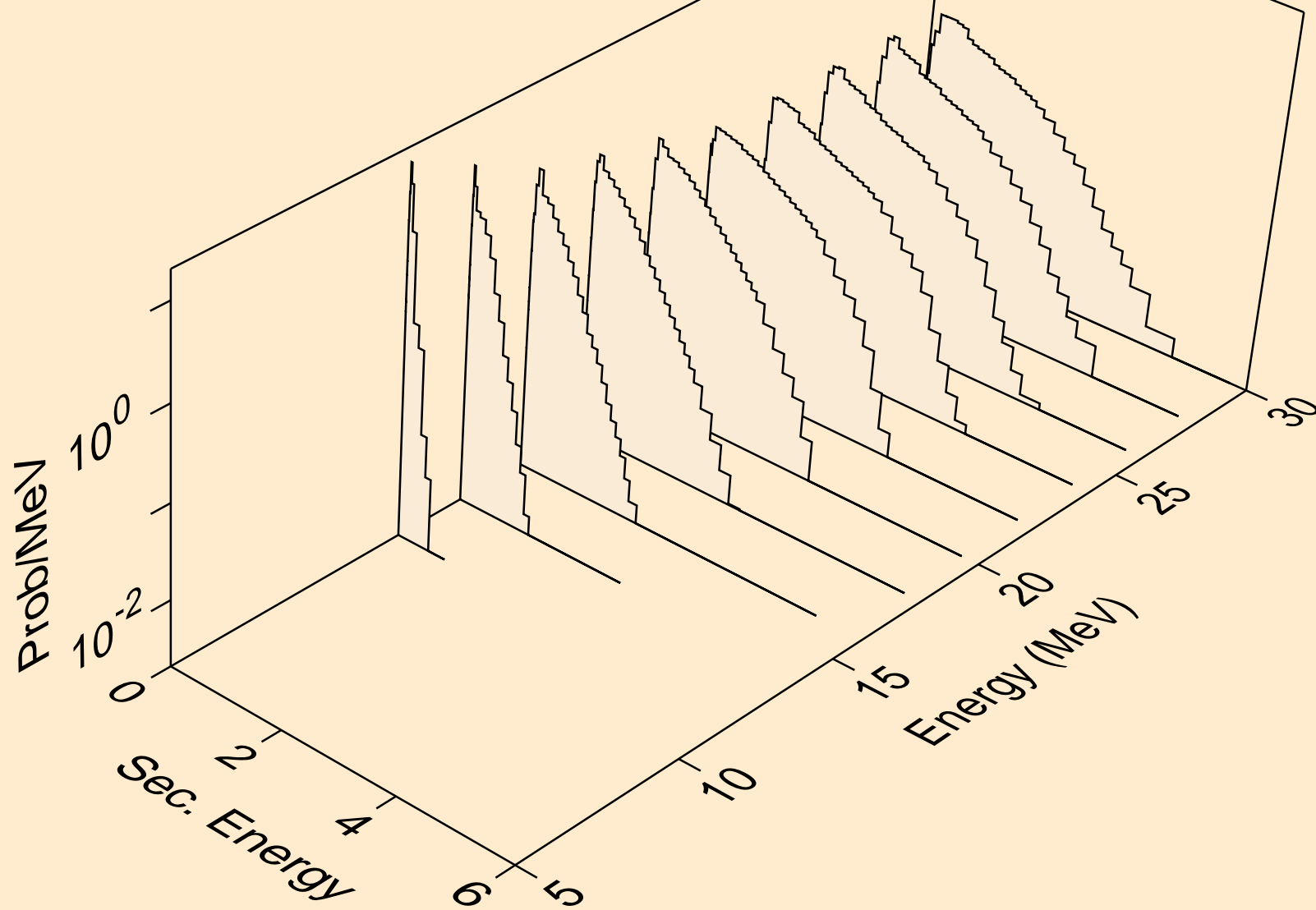
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



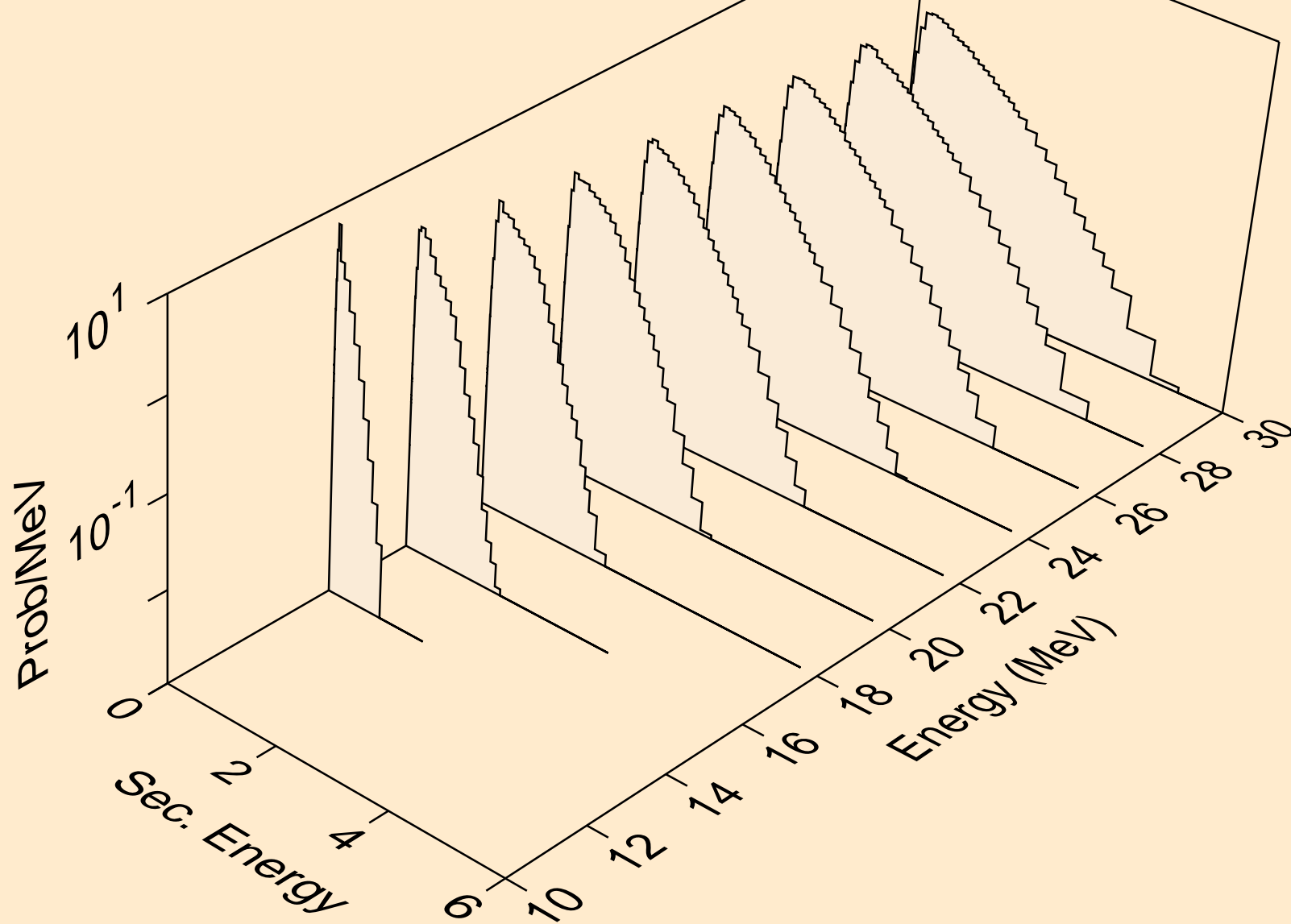
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



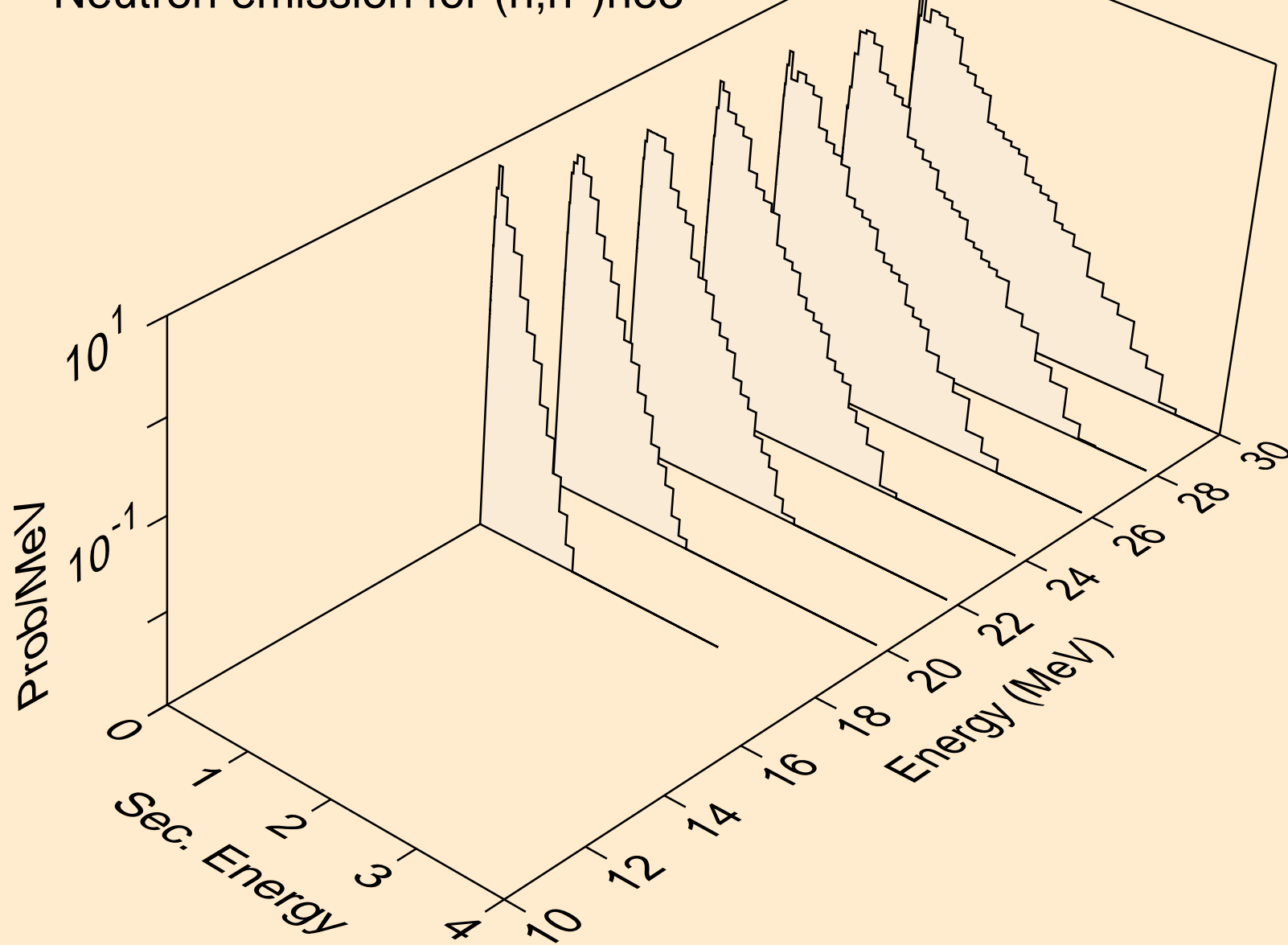
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



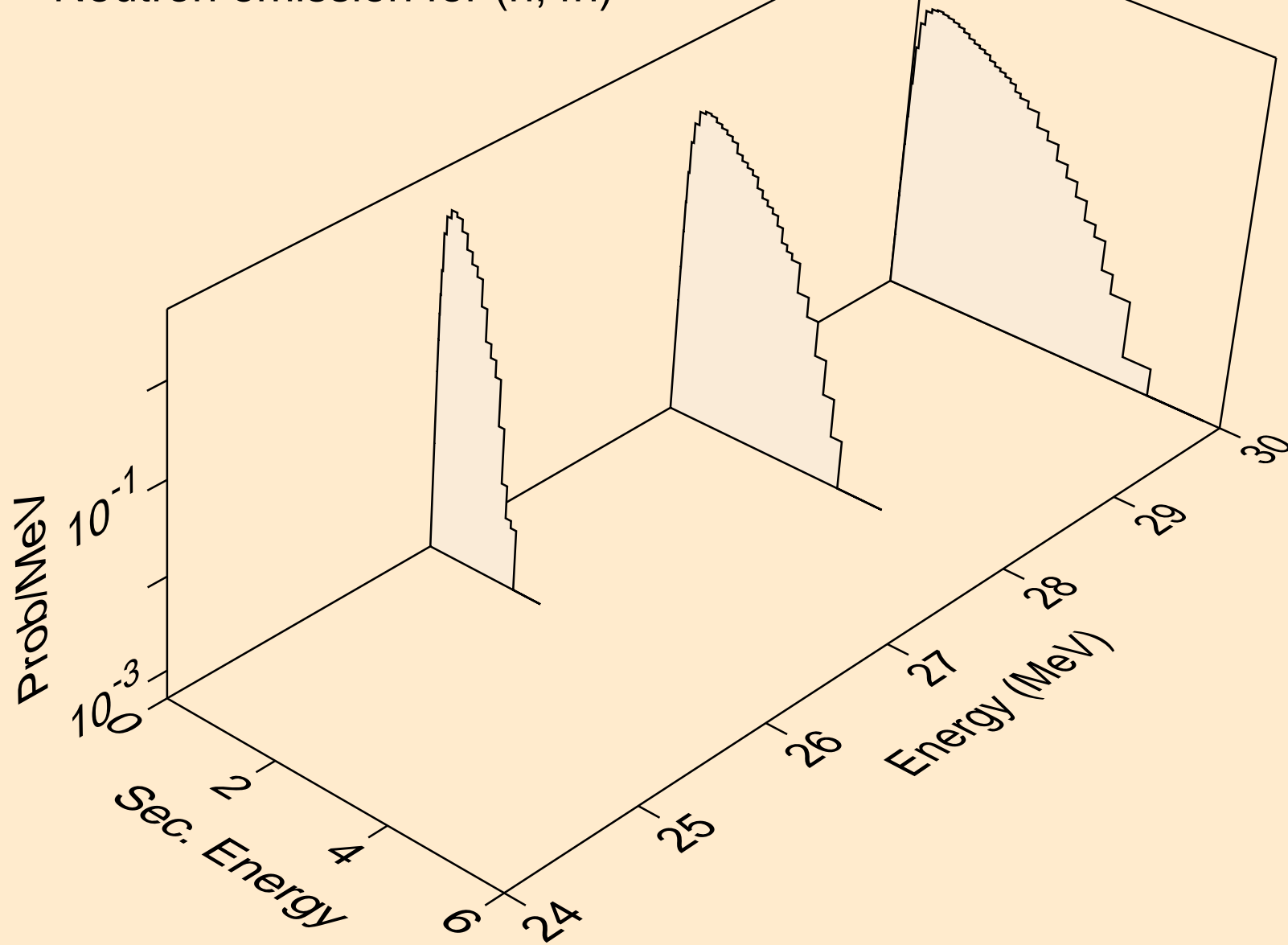
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

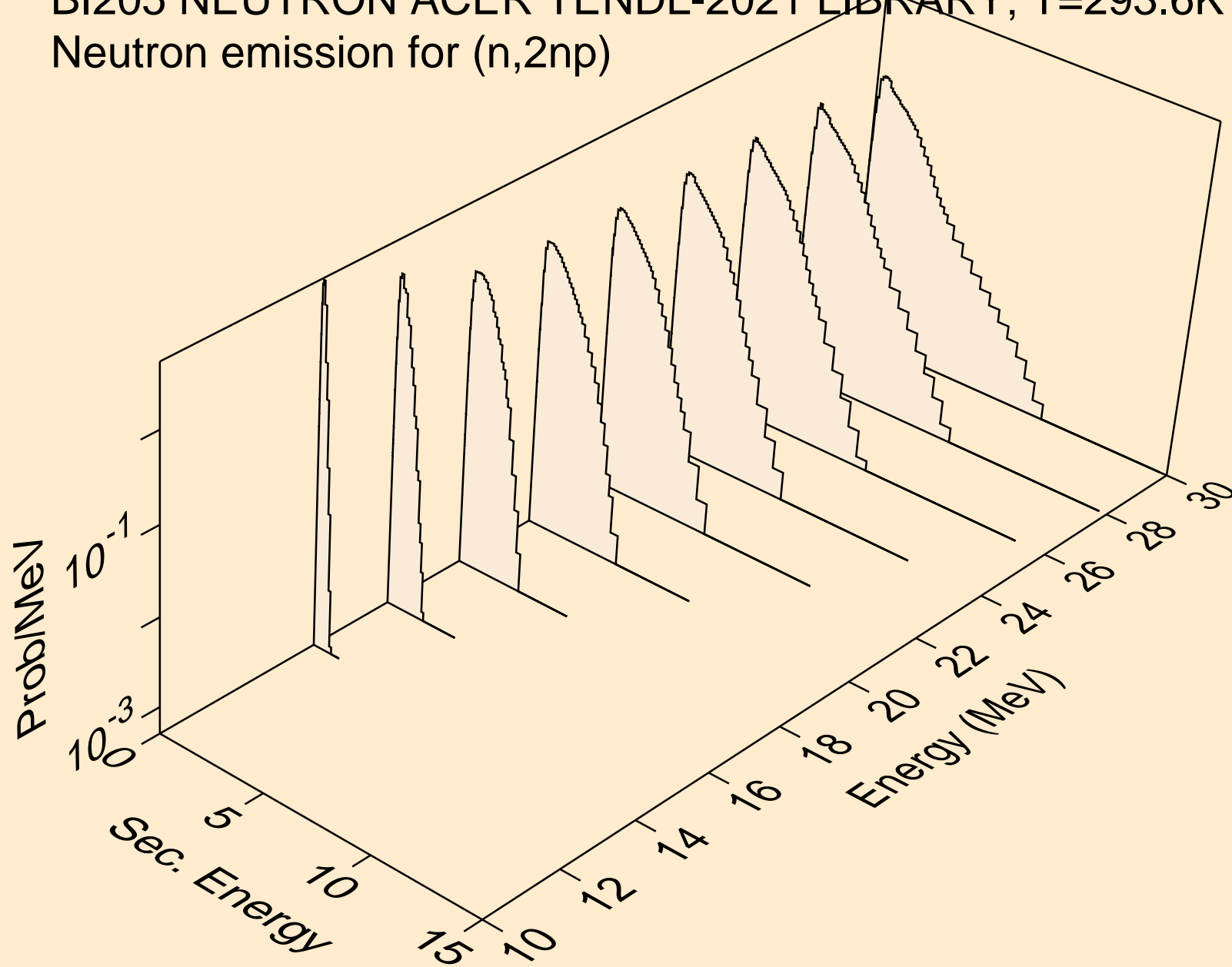


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

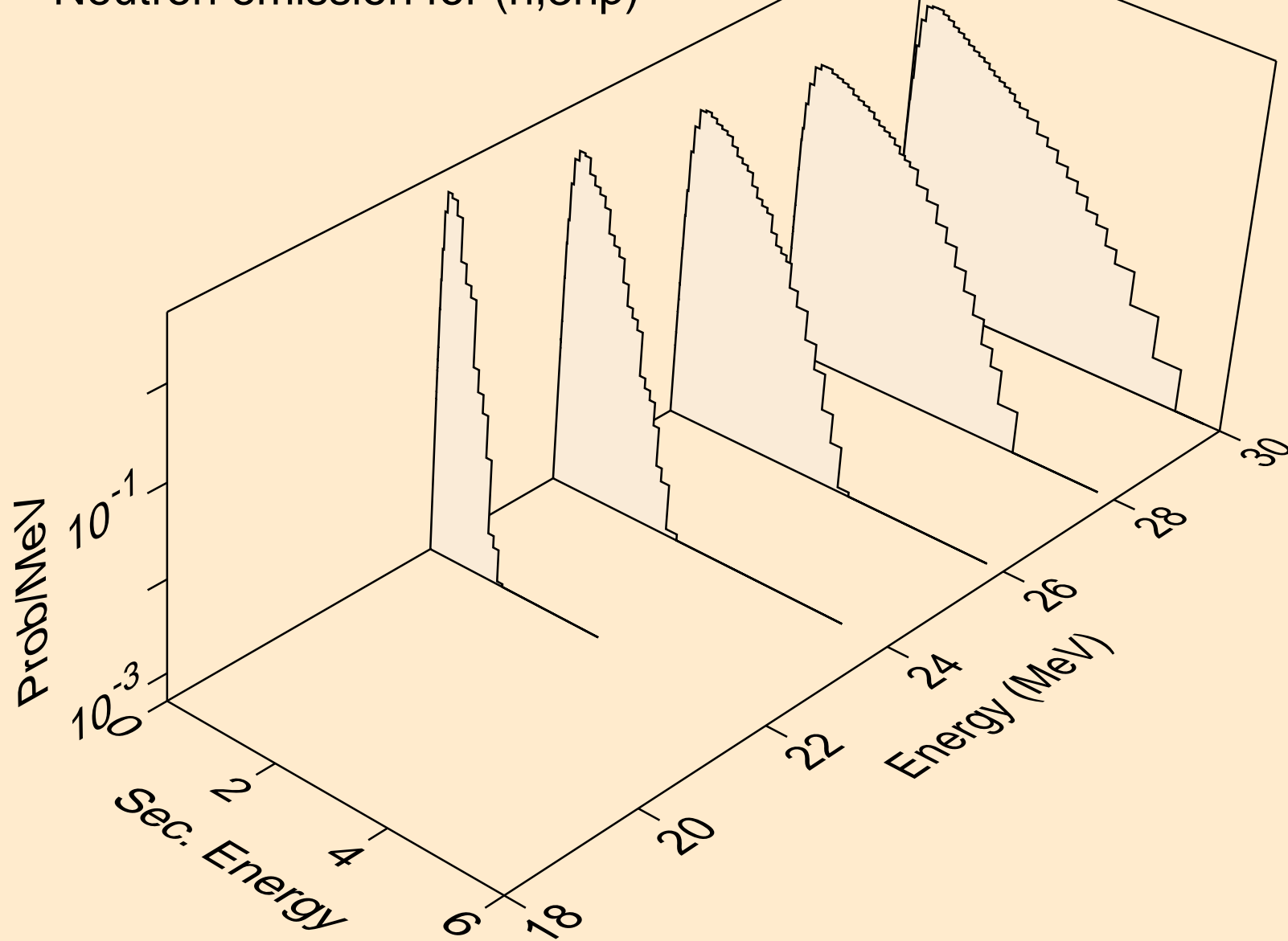




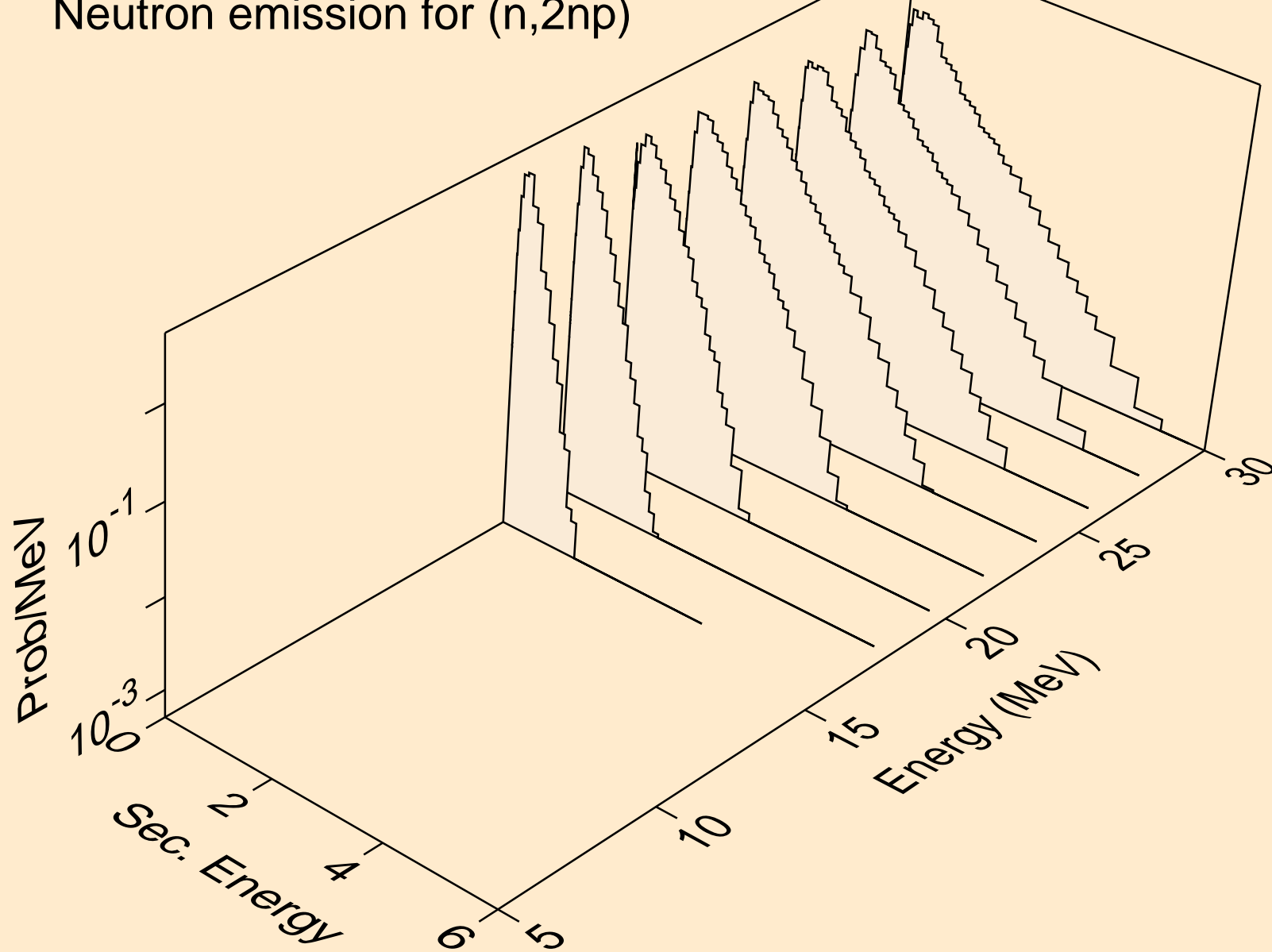
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



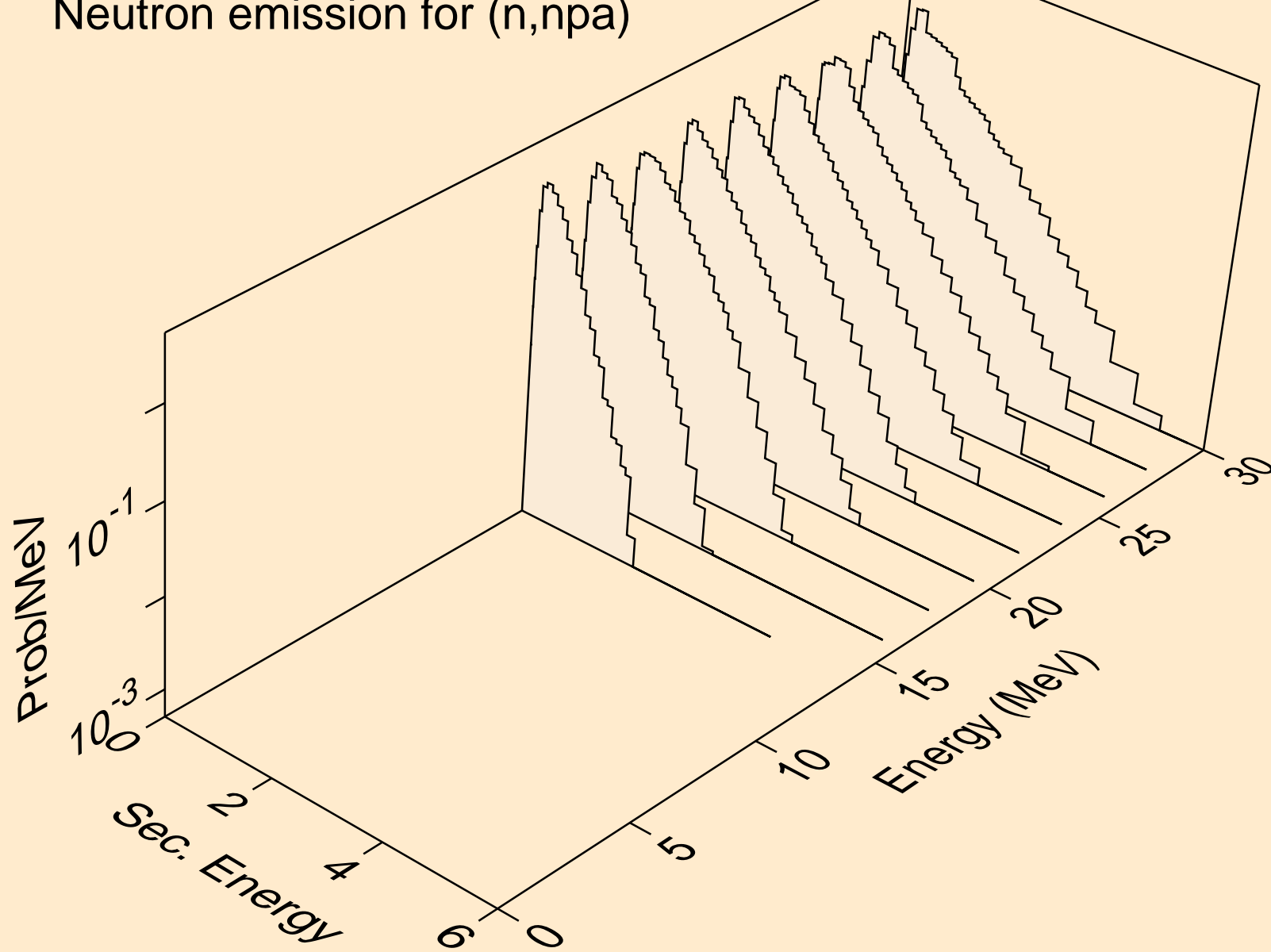
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



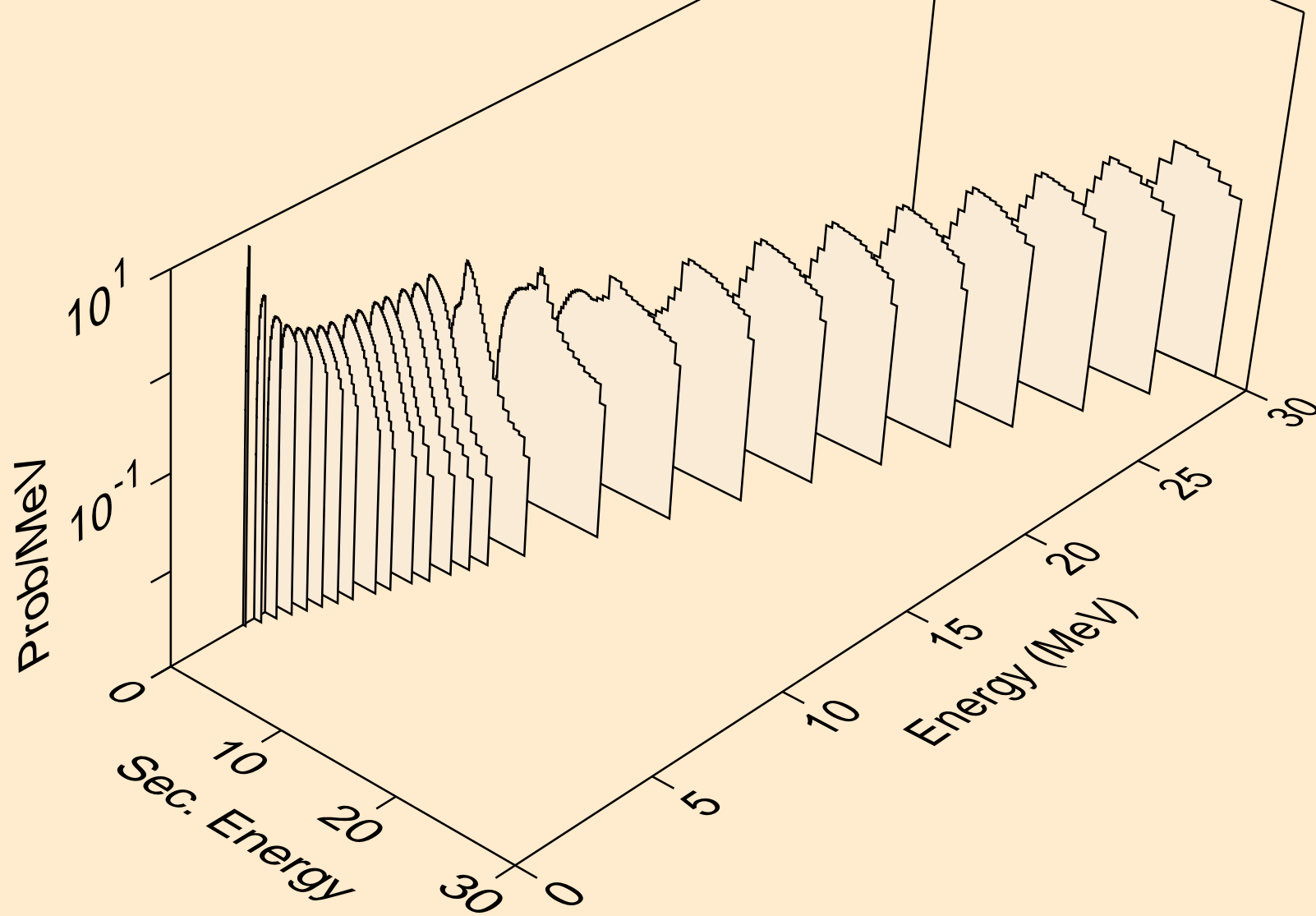
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Neutron emission for (n,2np)



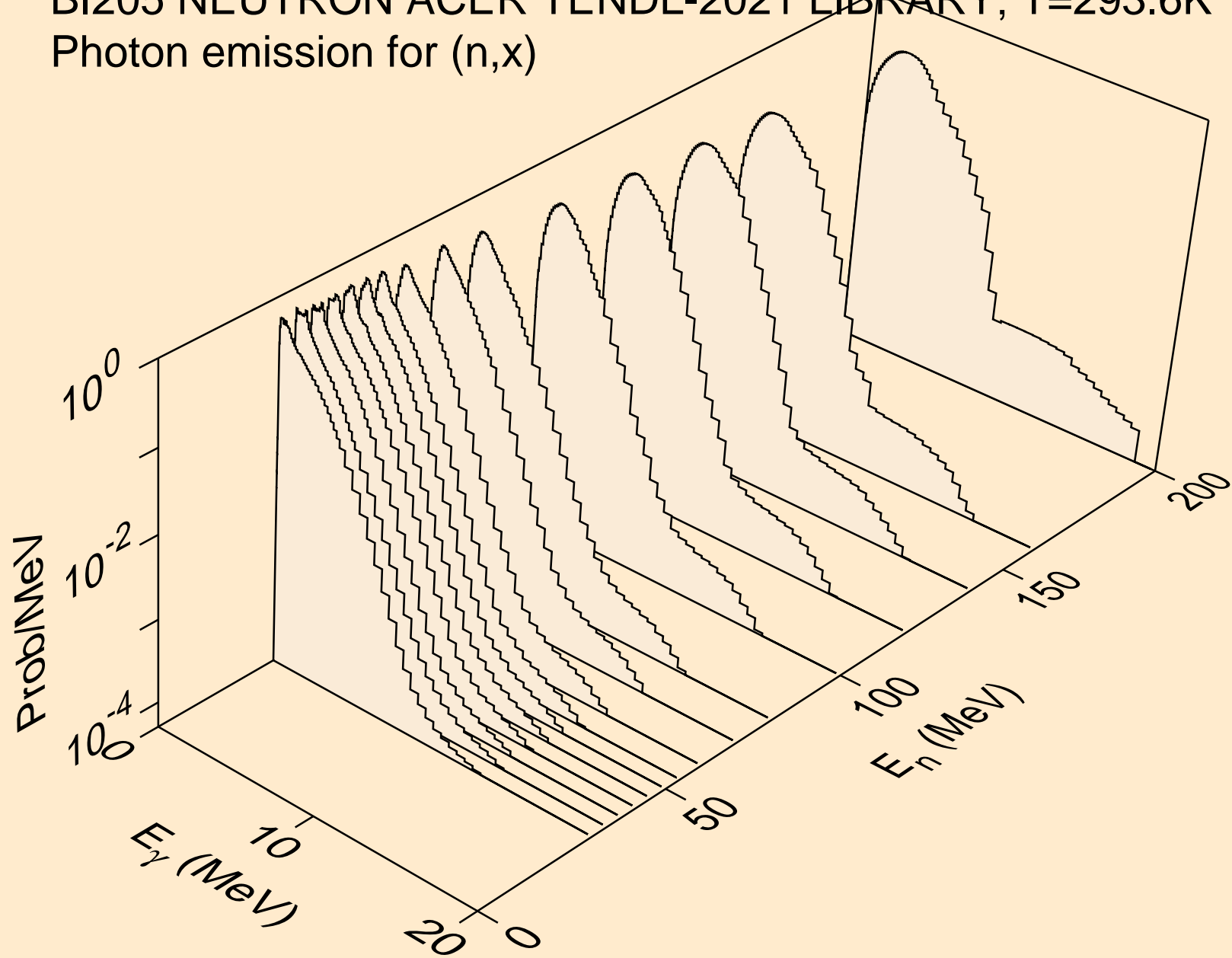
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



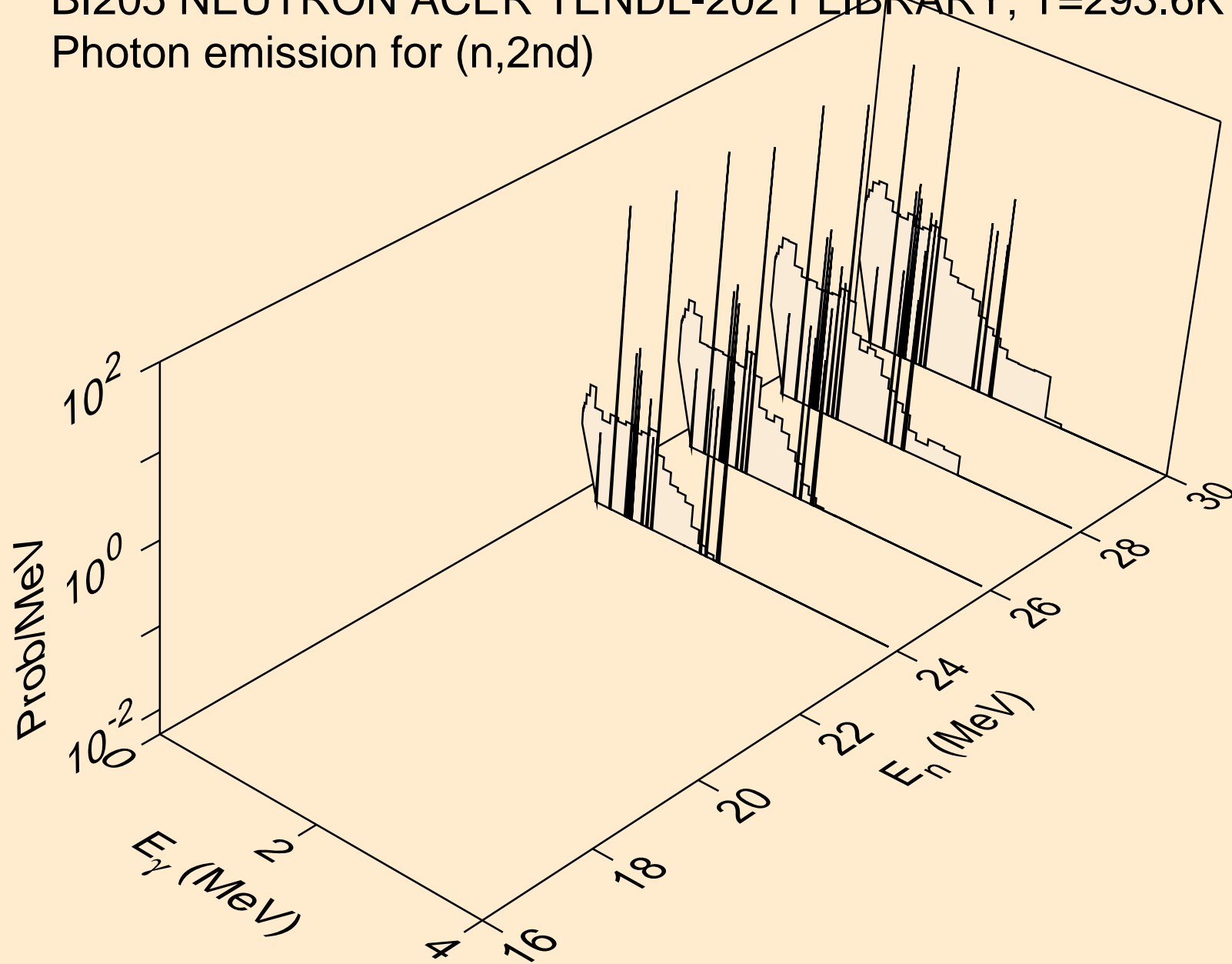
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



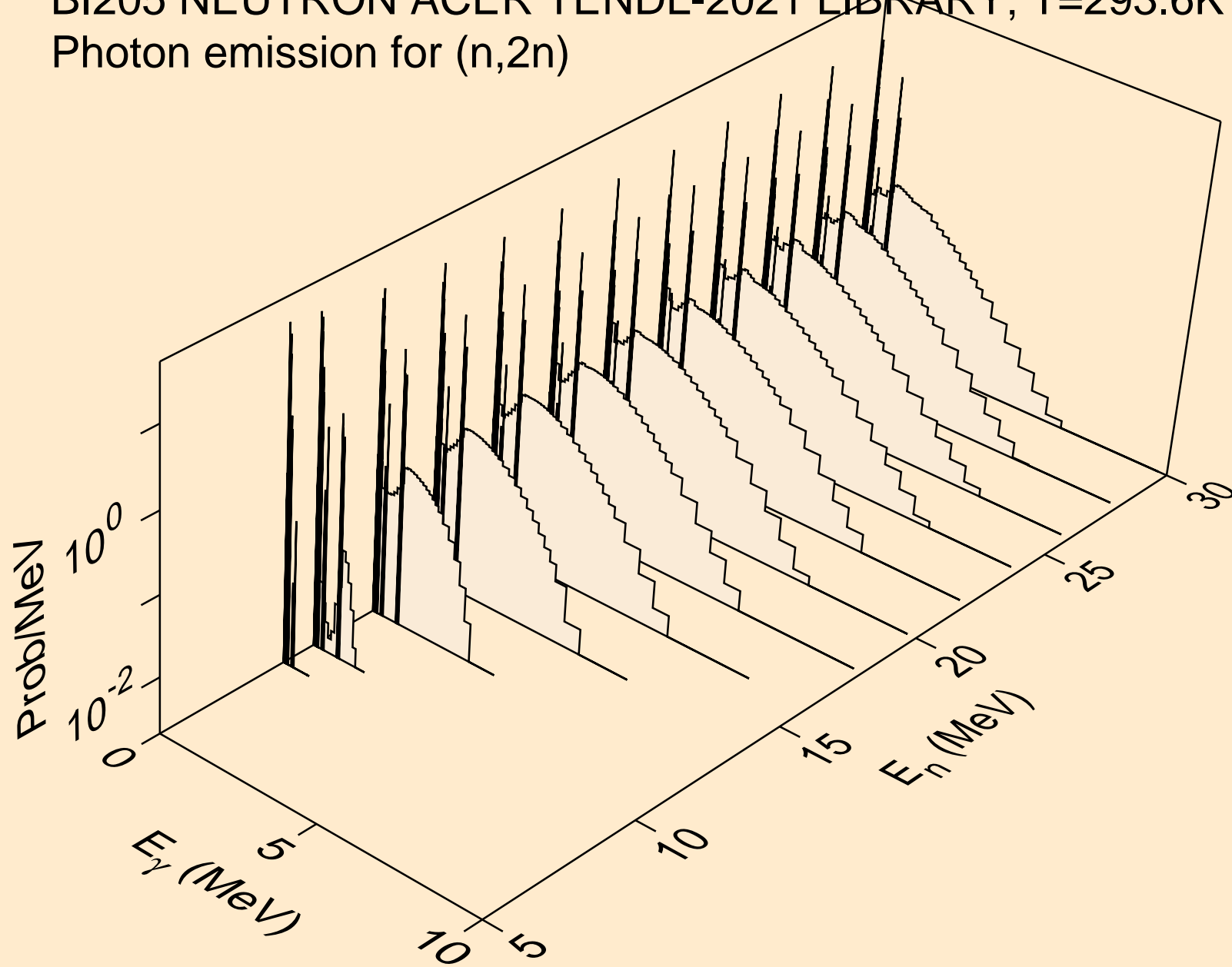
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

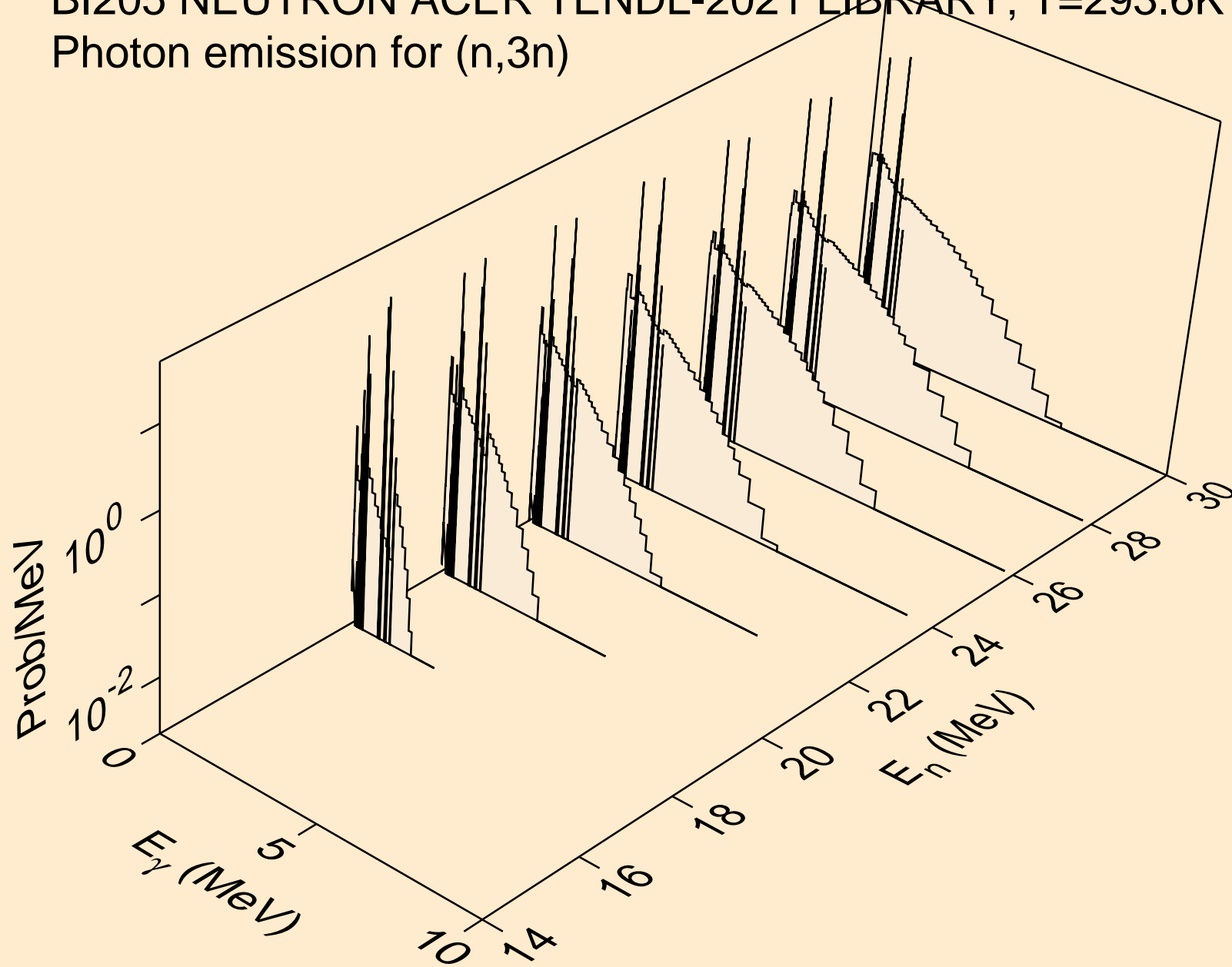


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Photon emission for (n,2n)

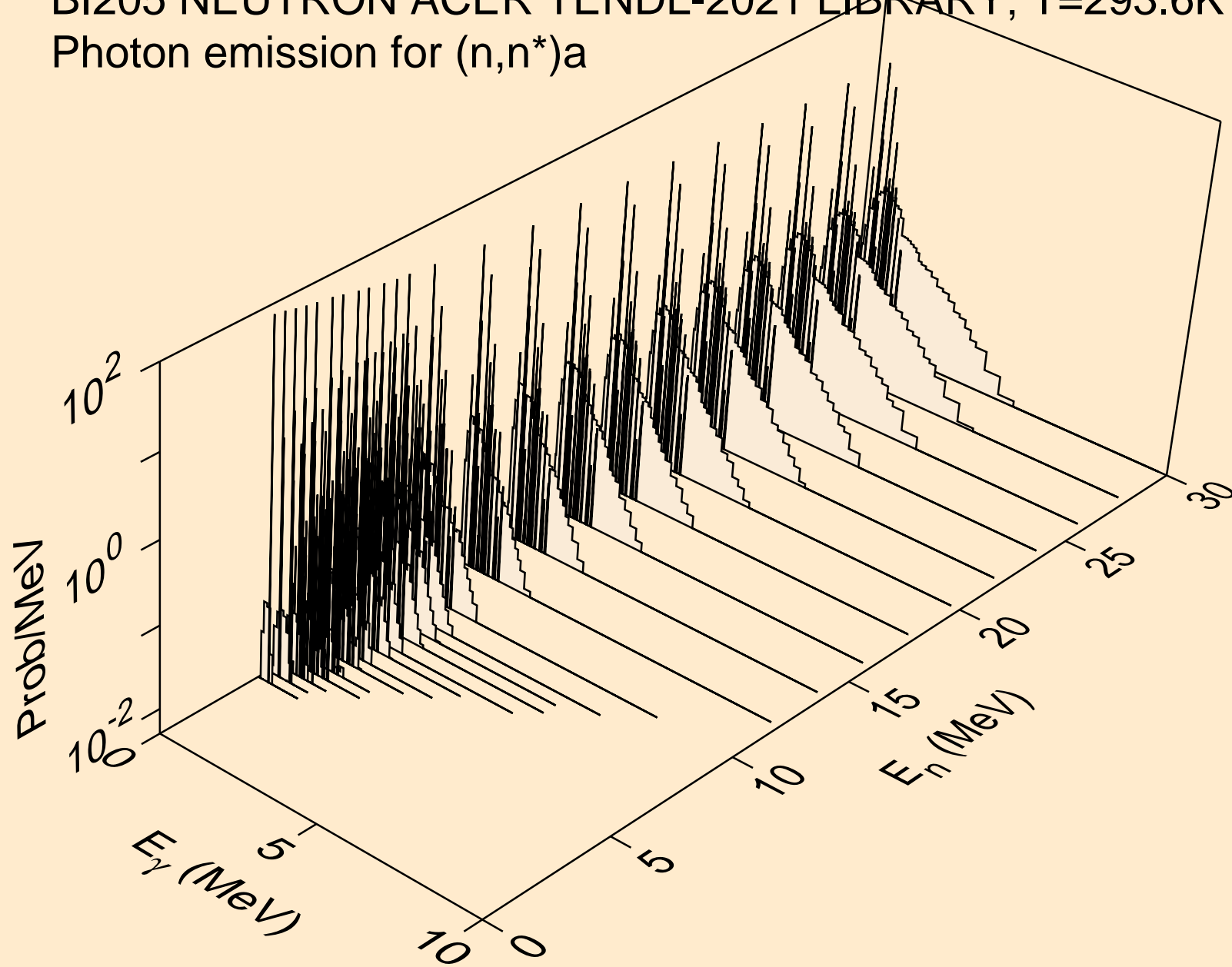




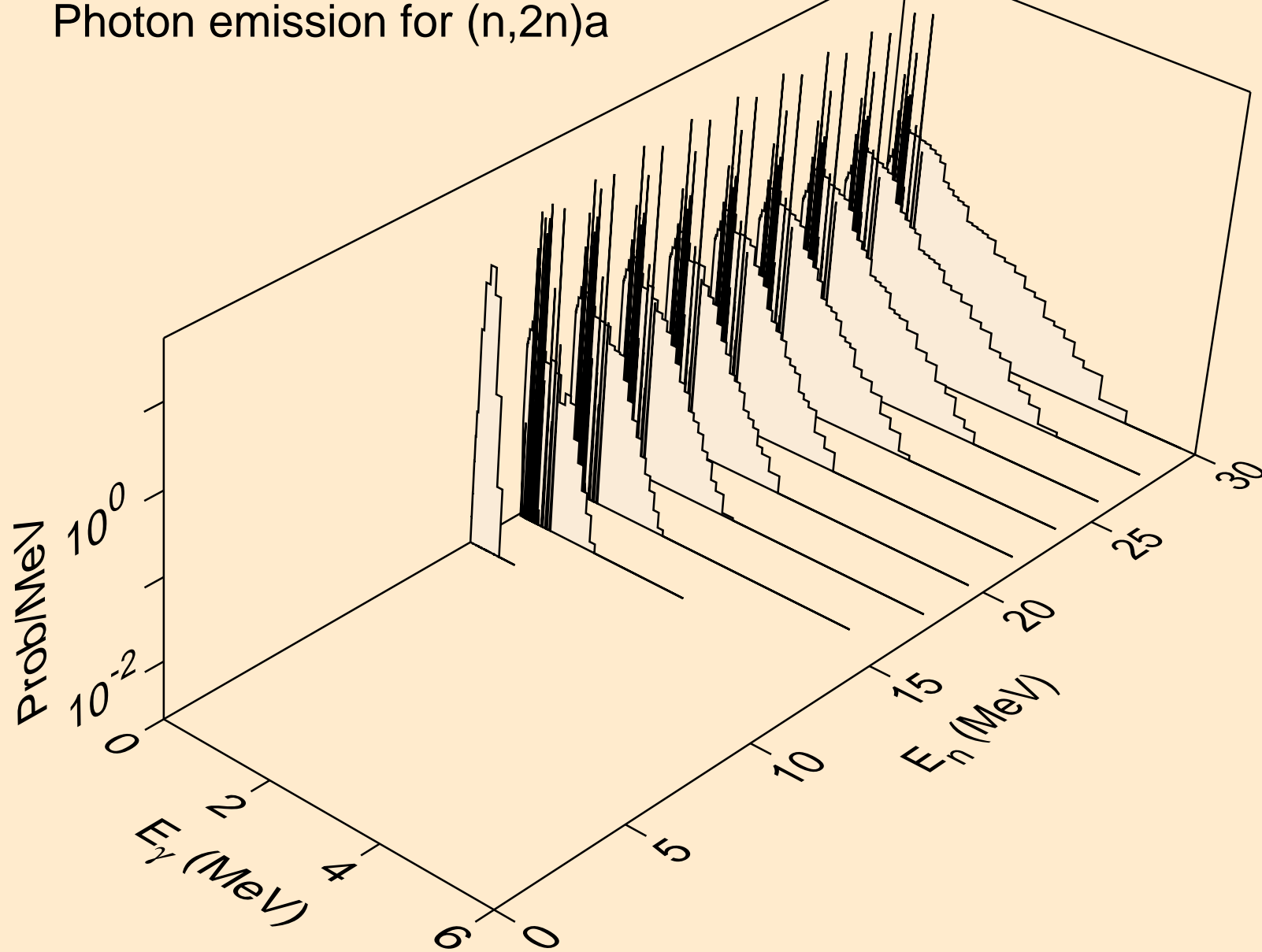
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Photon emission for (n,3n)



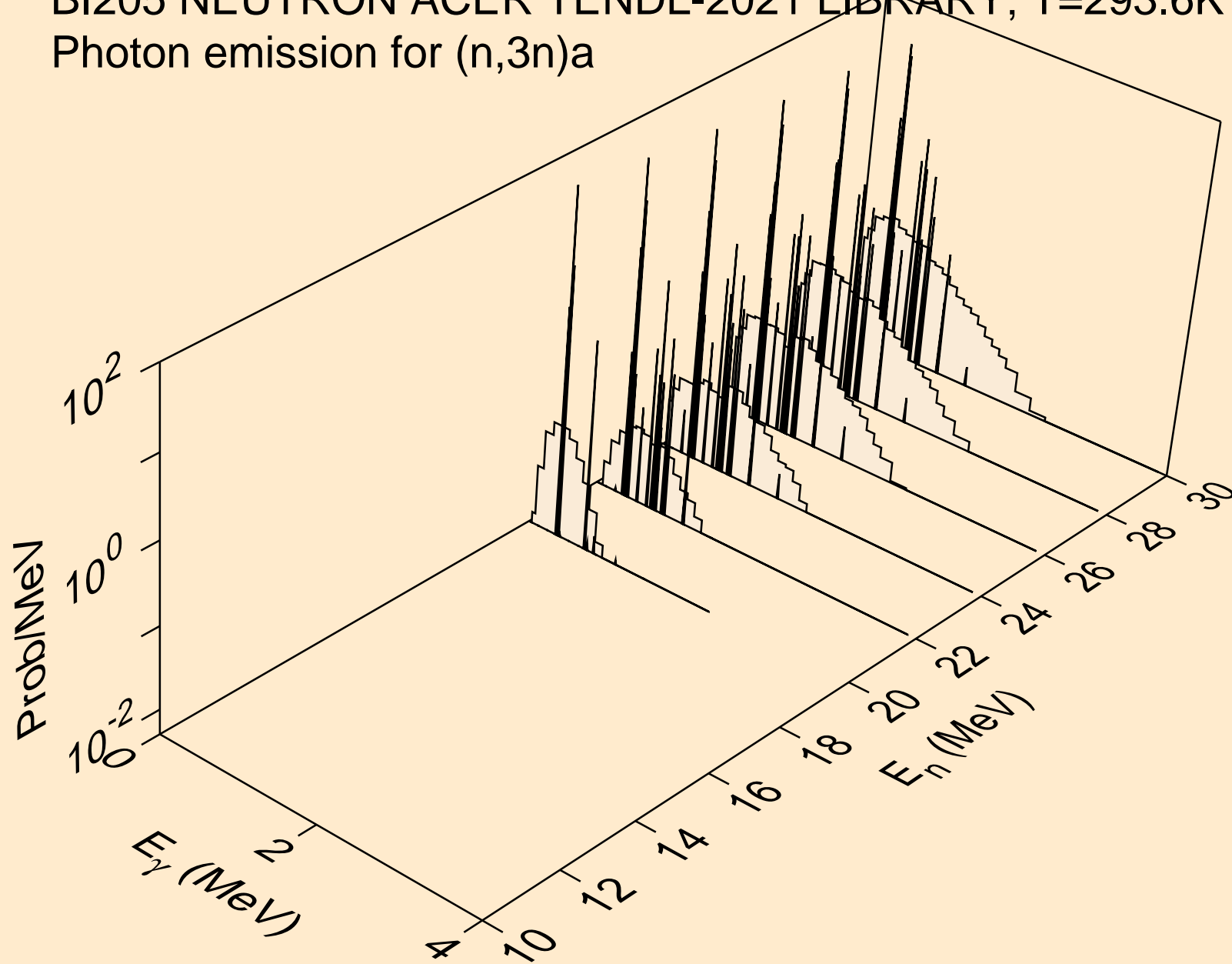
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Photon emission for (n,n\*)a



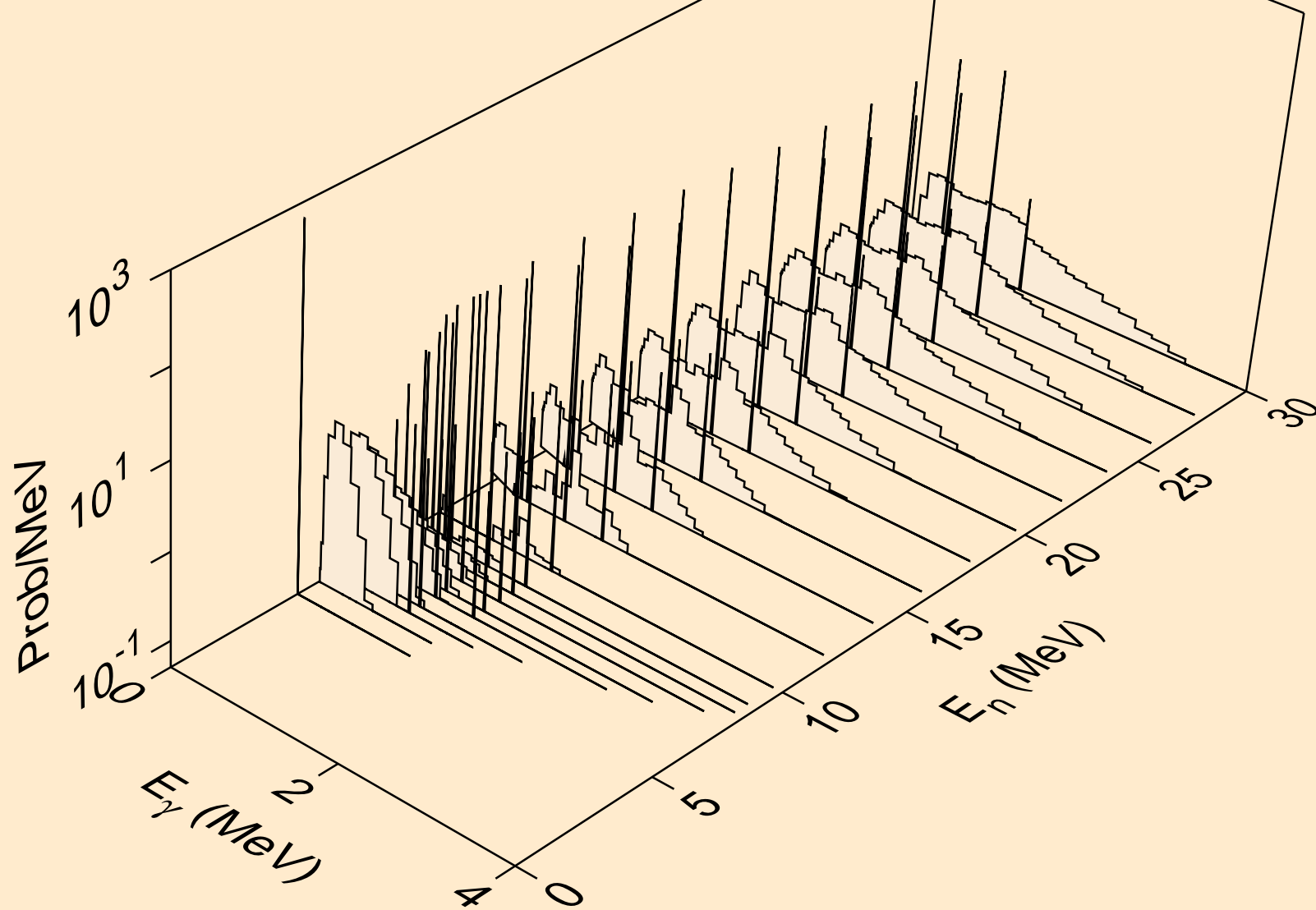
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Photon emission for (n,2n)a



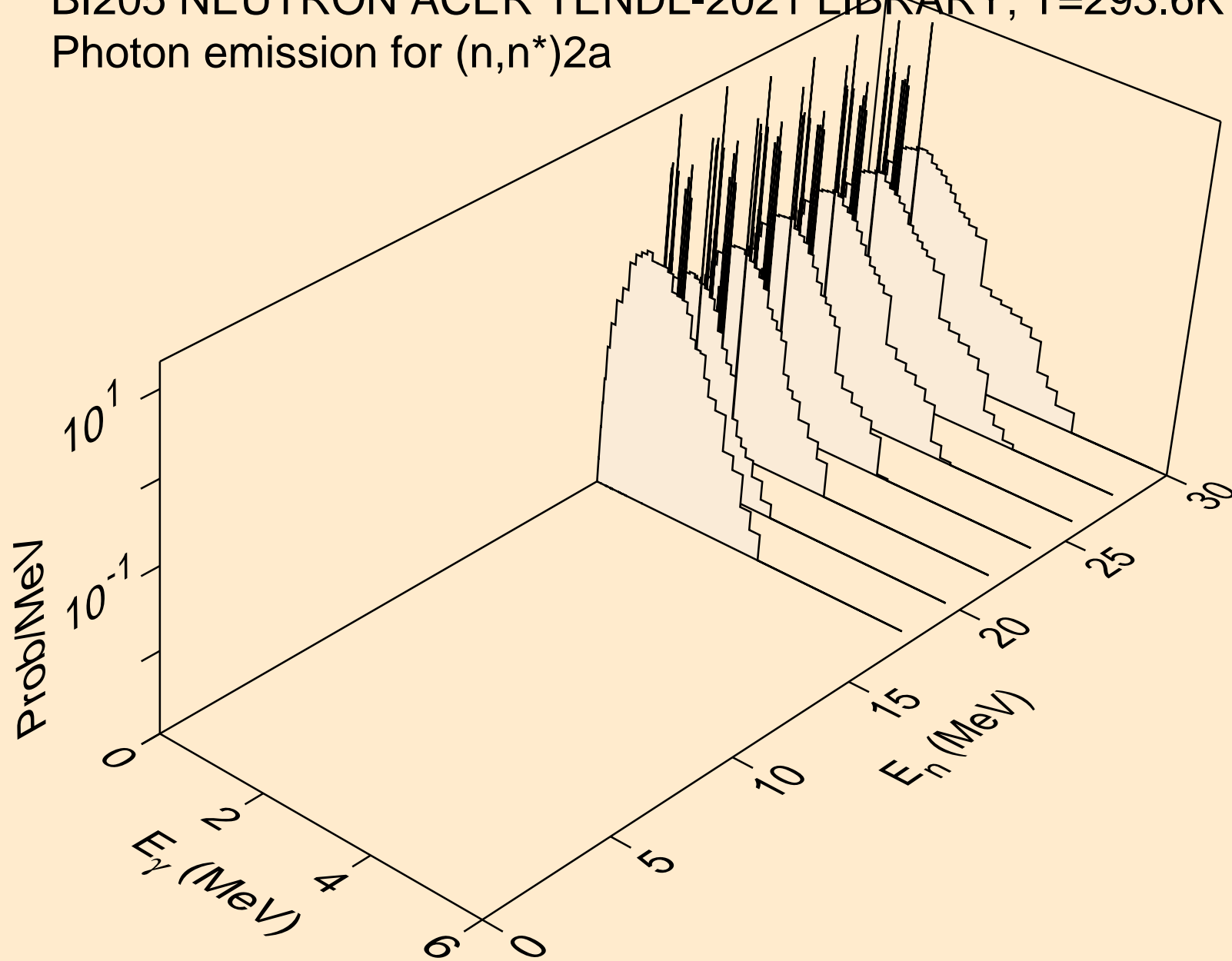
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Photon emission for (n,3n)a



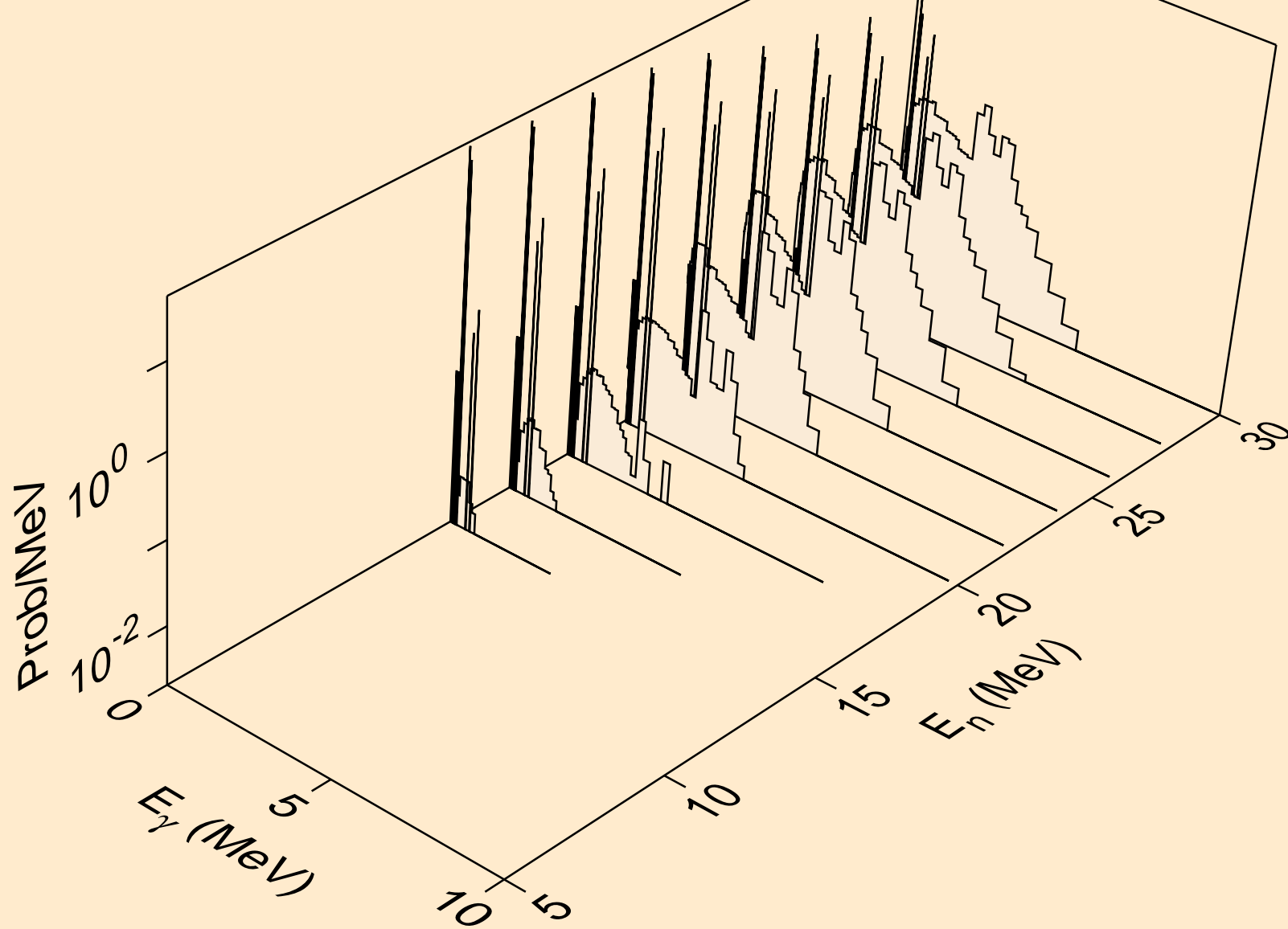
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Photon emission for (n,n\*)p



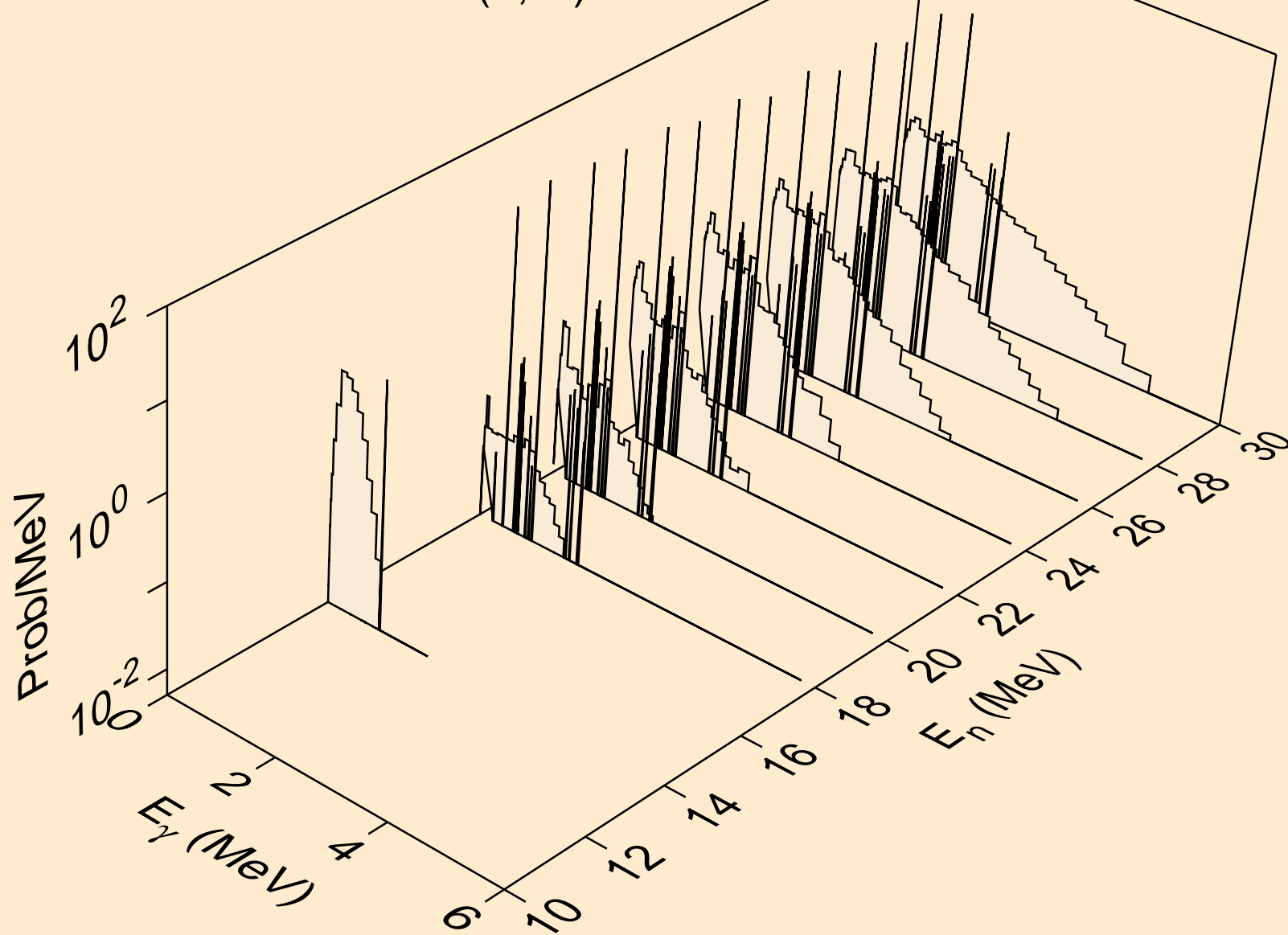
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

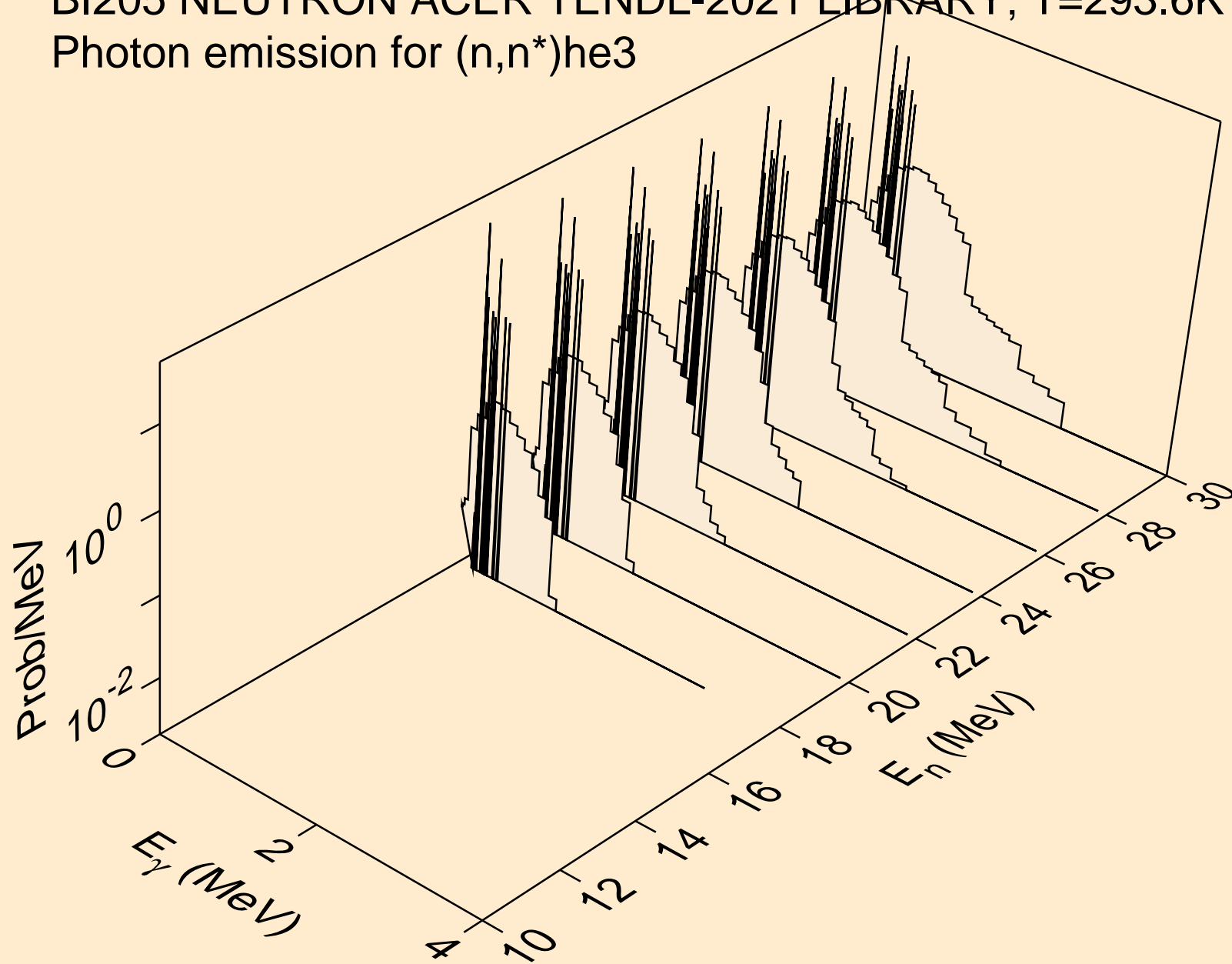


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

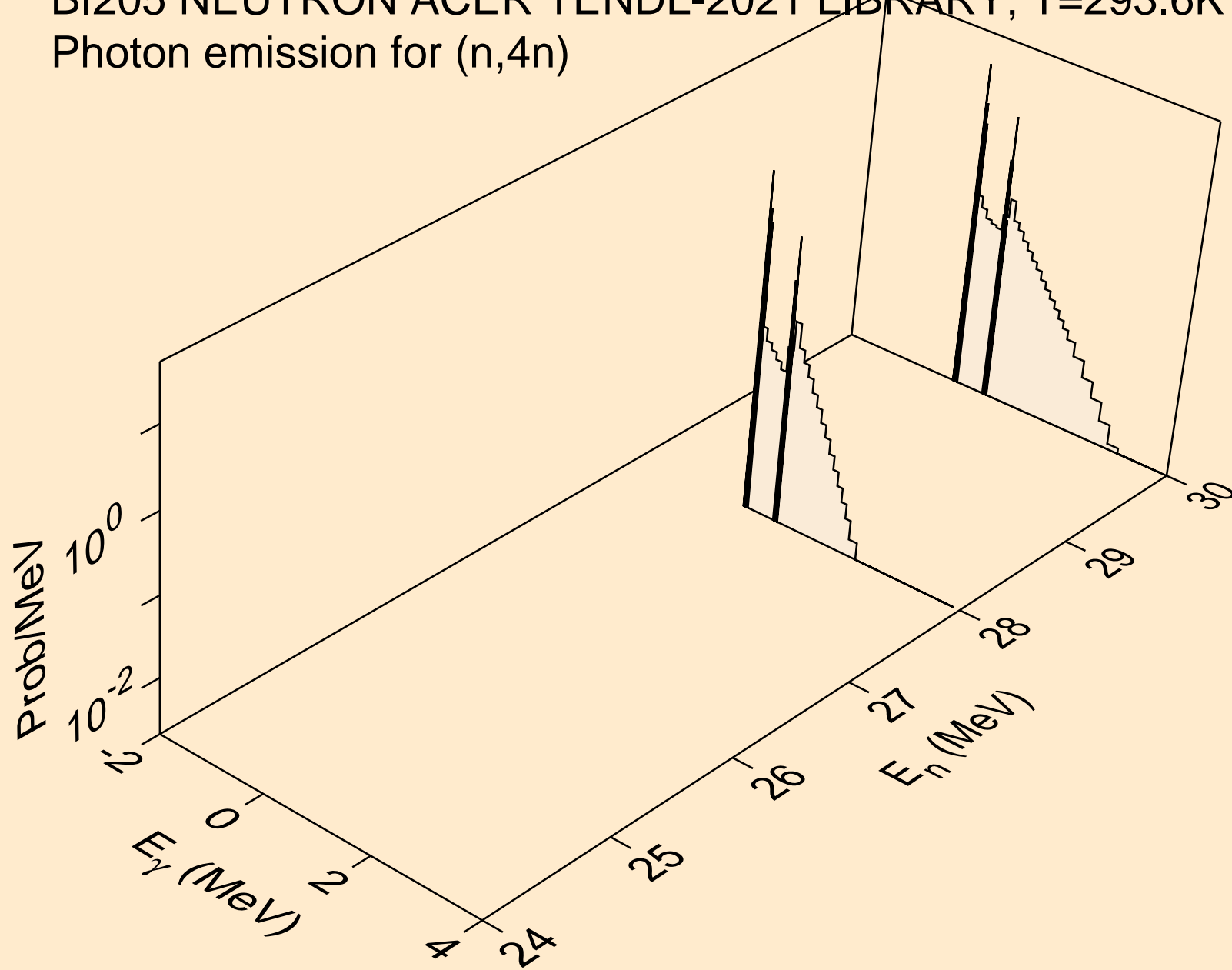




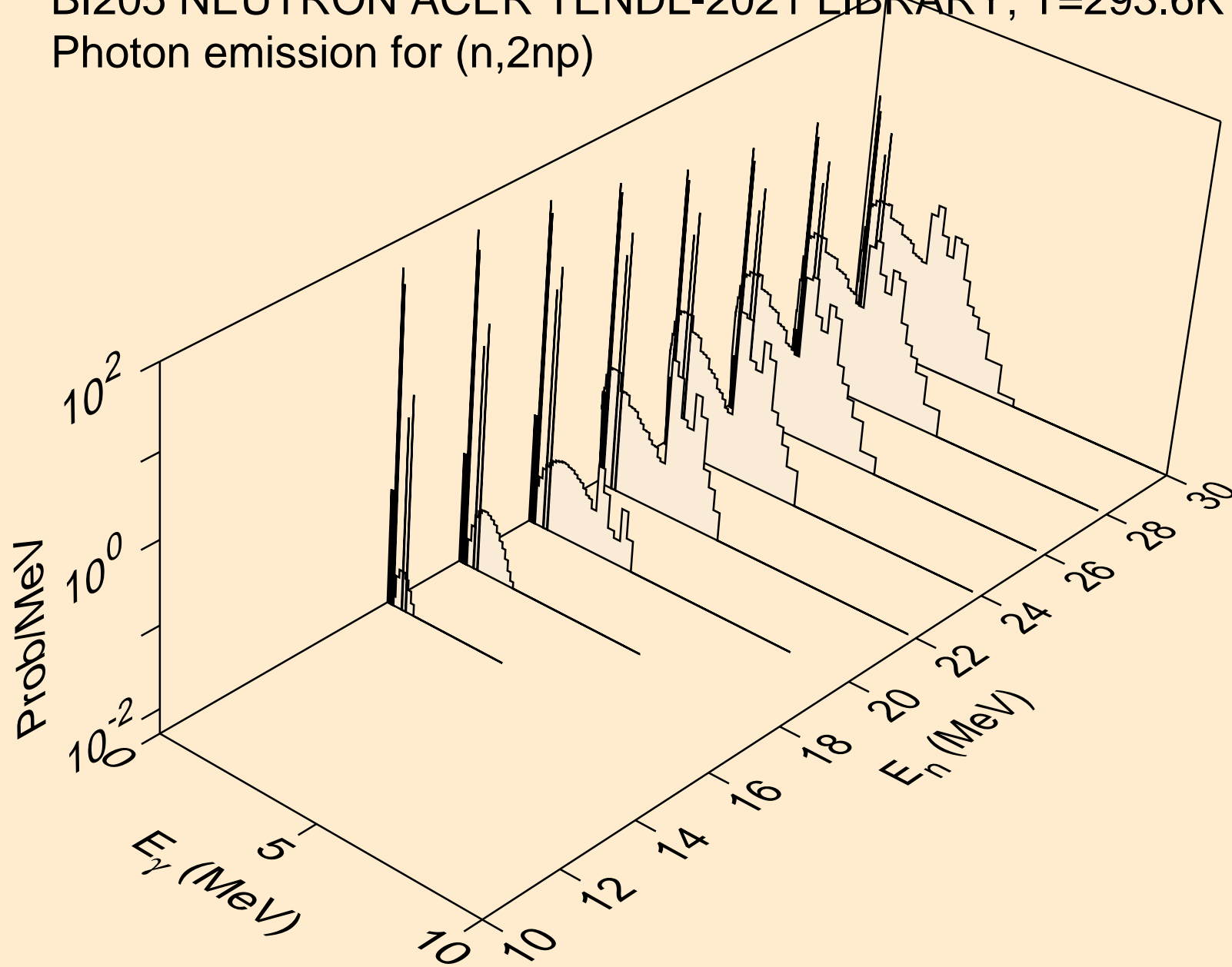
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



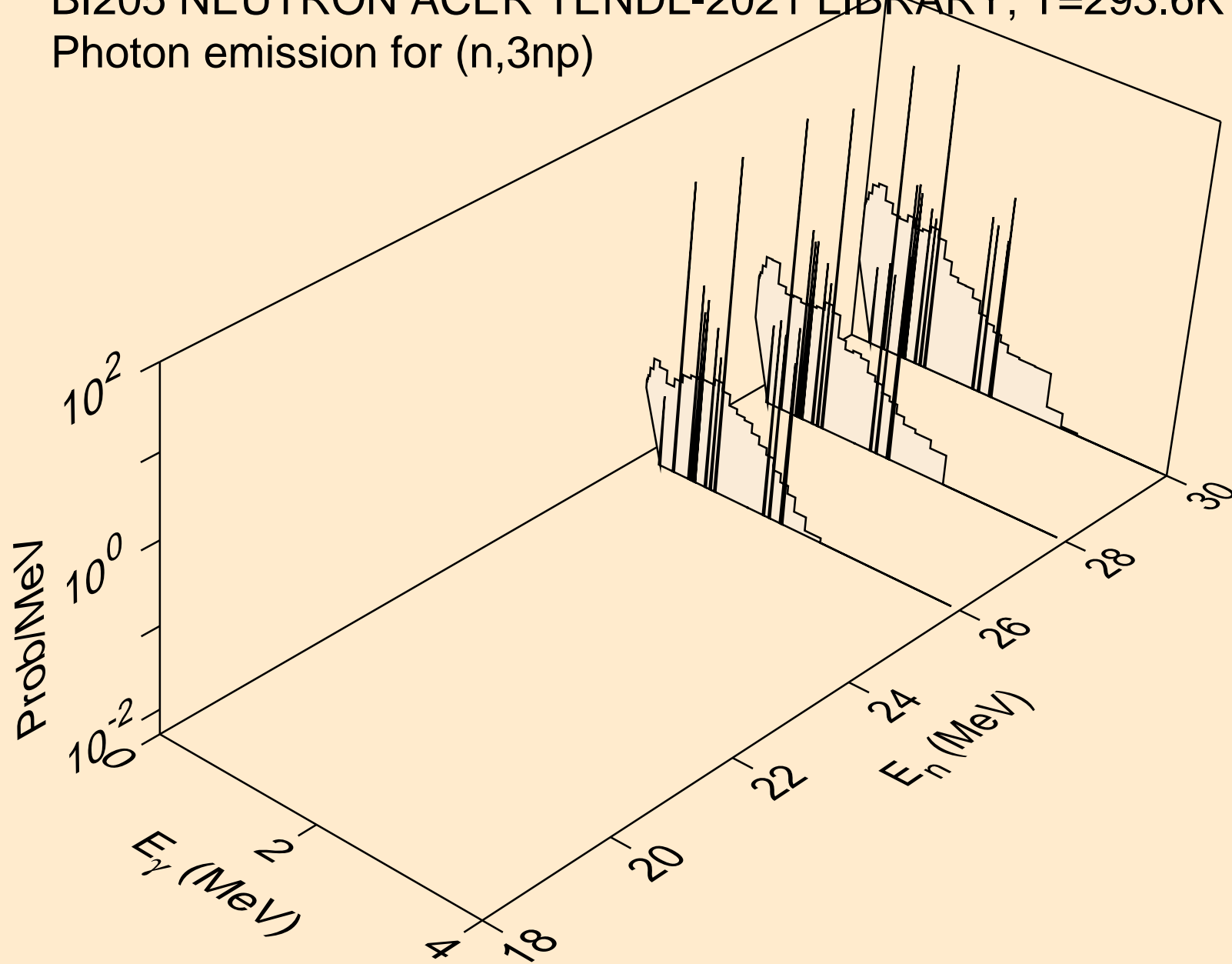
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



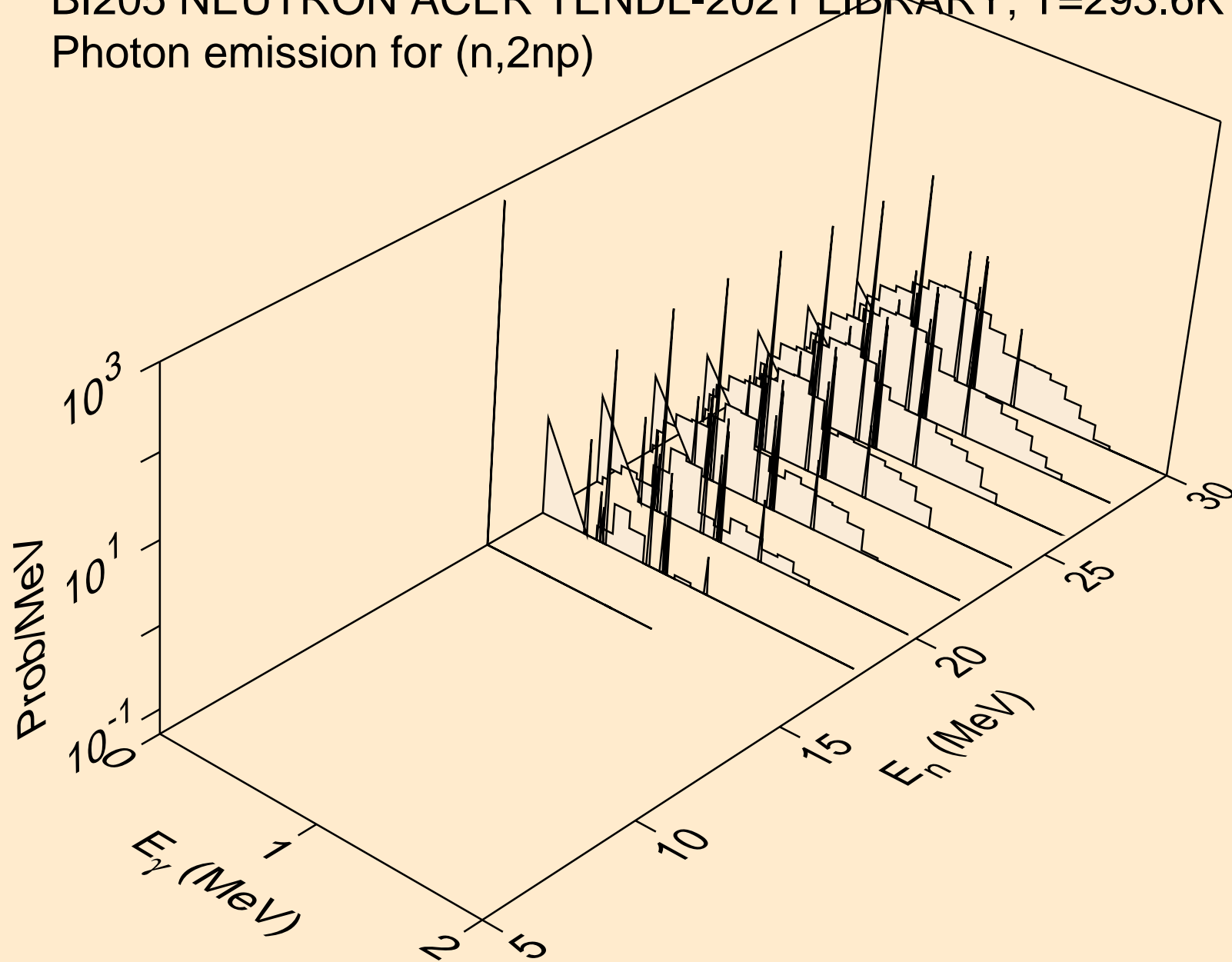
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Photon emission for (n,2np)



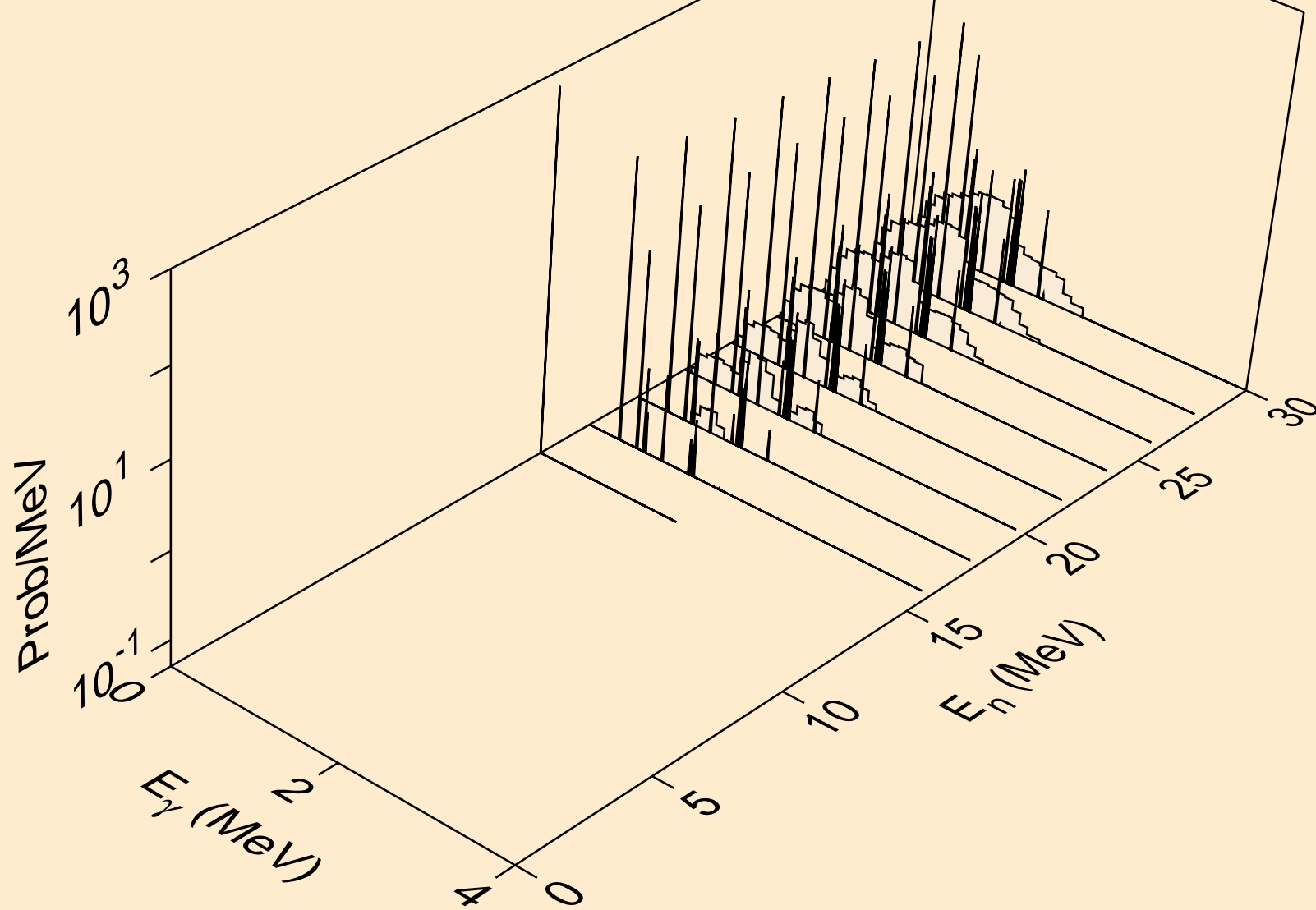
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Photon emission for (n,3np)



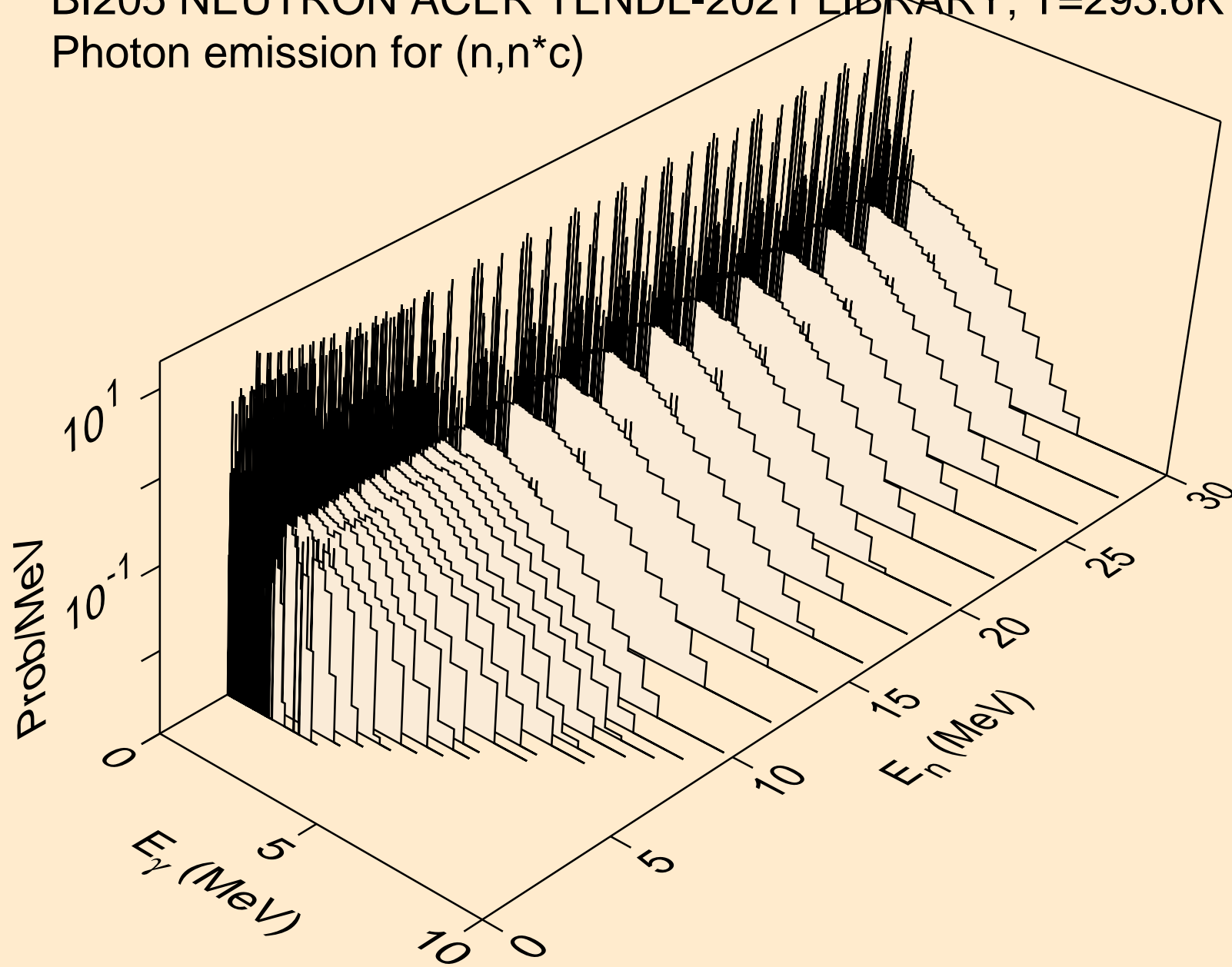
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Photon emission for (n,2np)



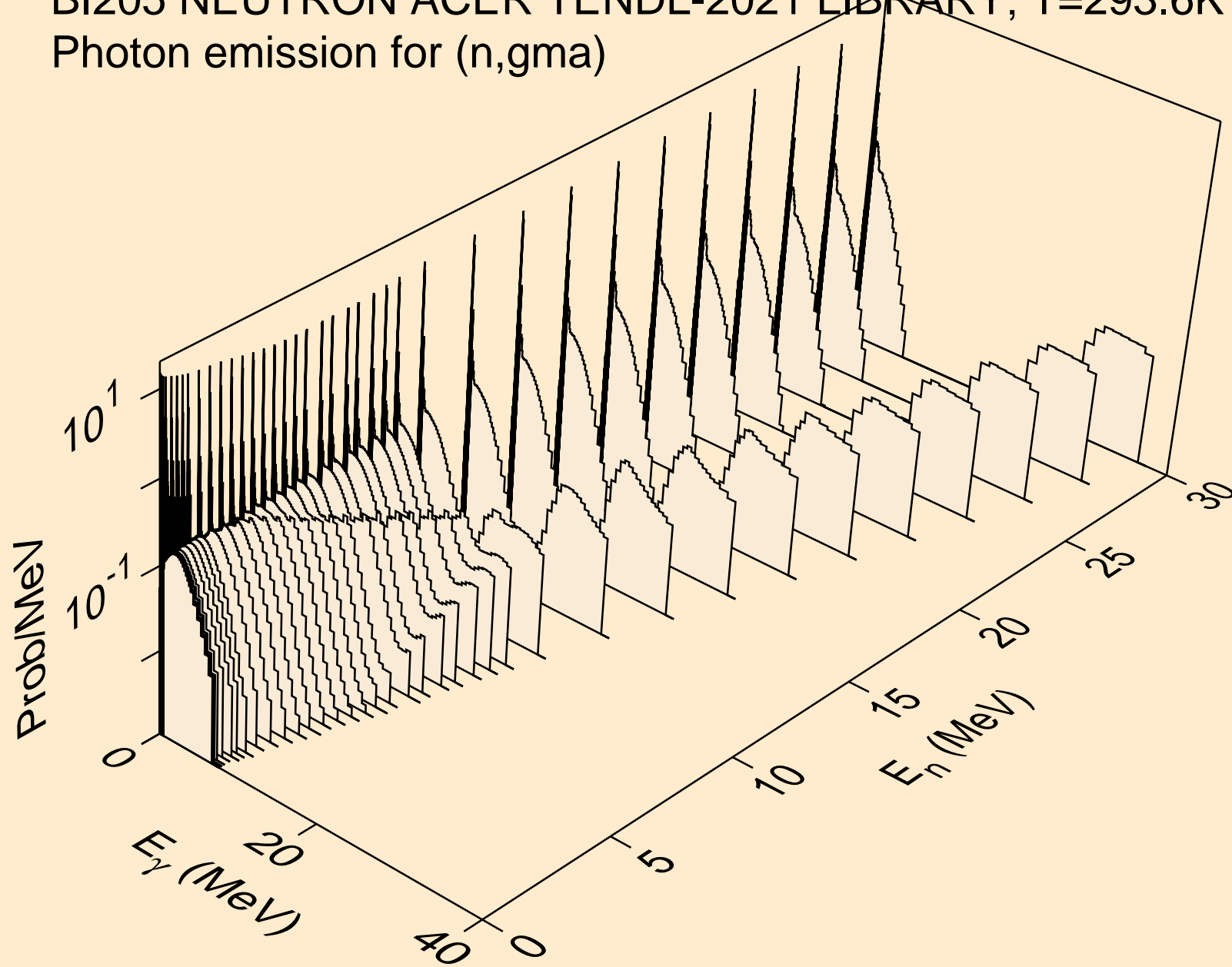
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

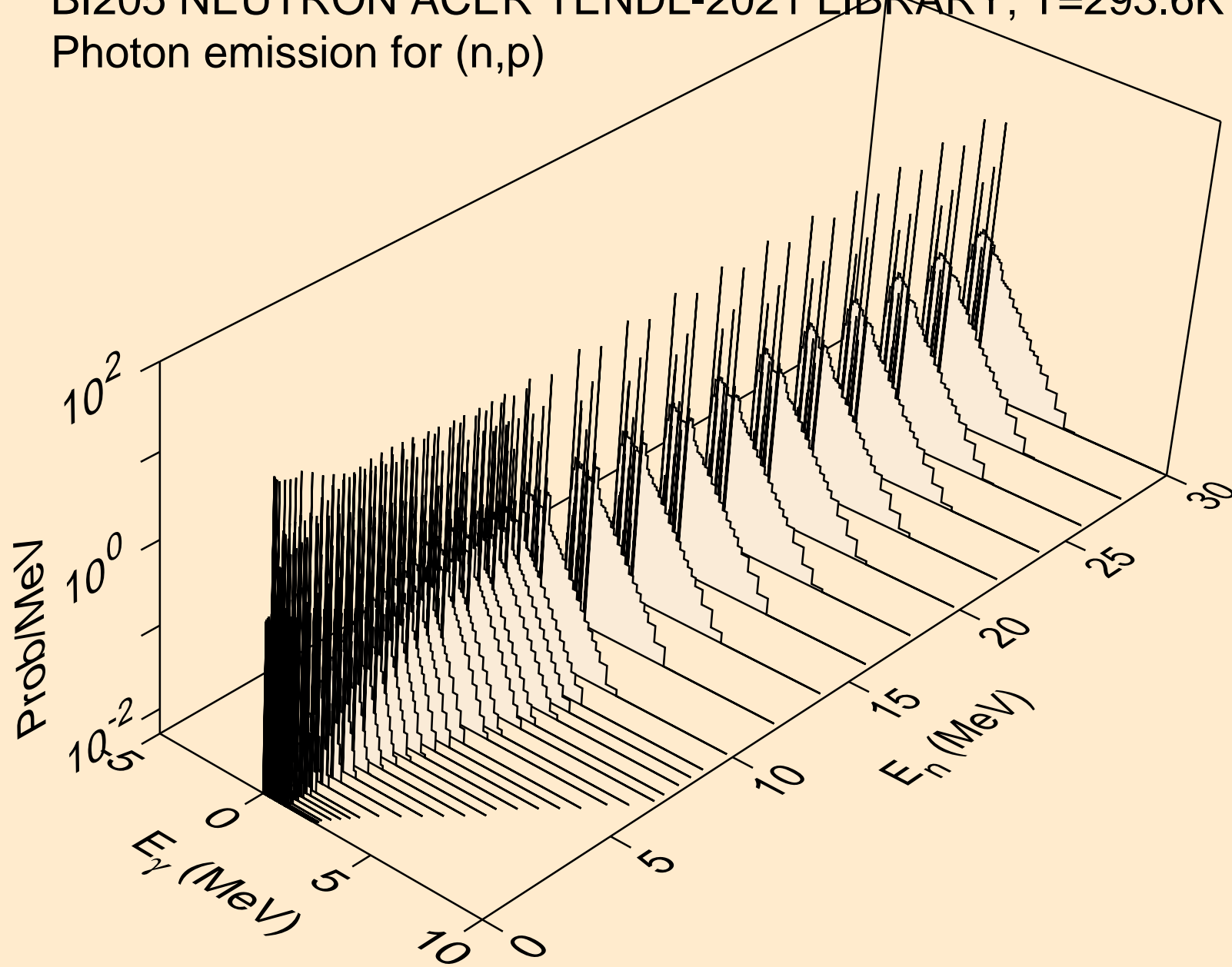


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

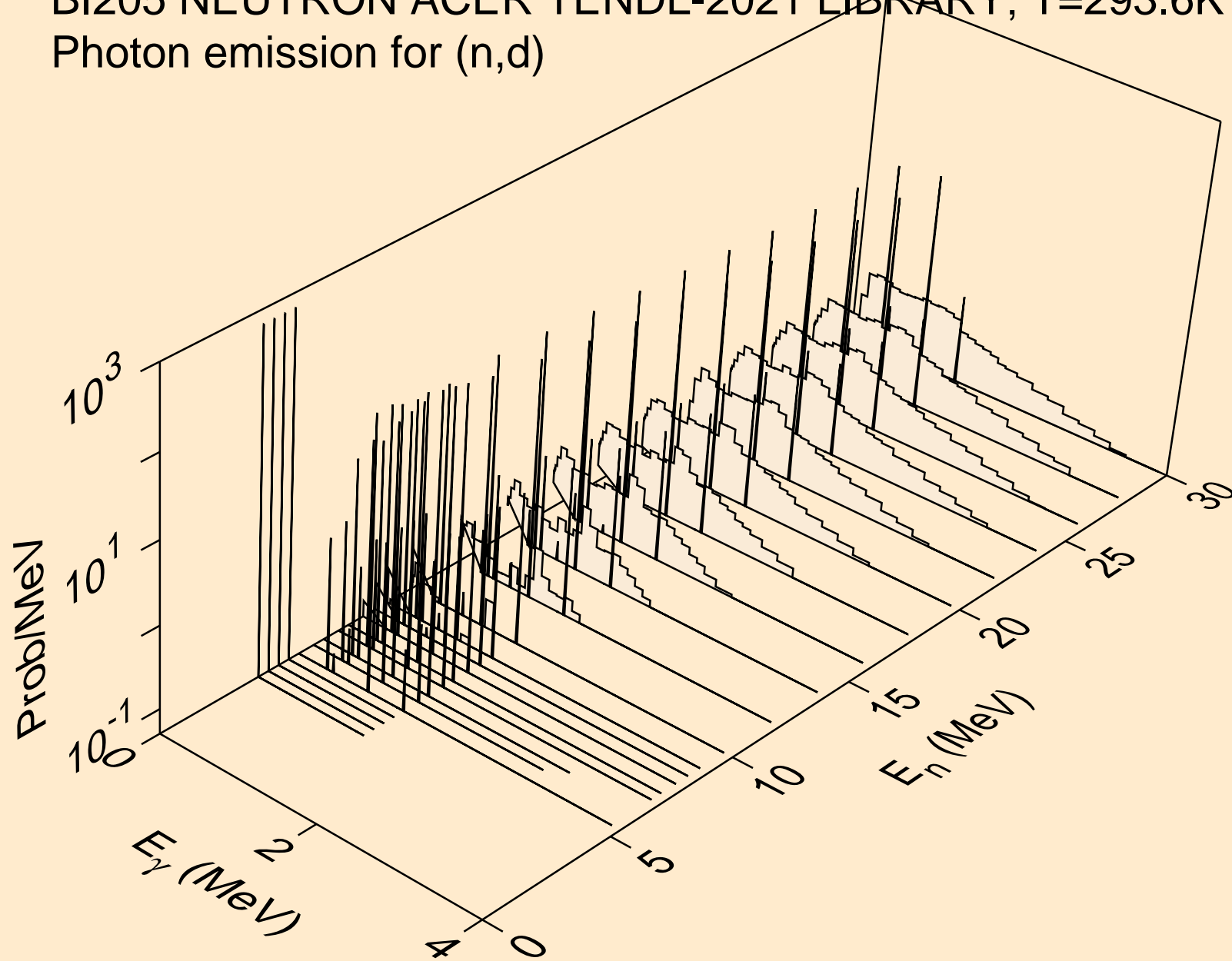




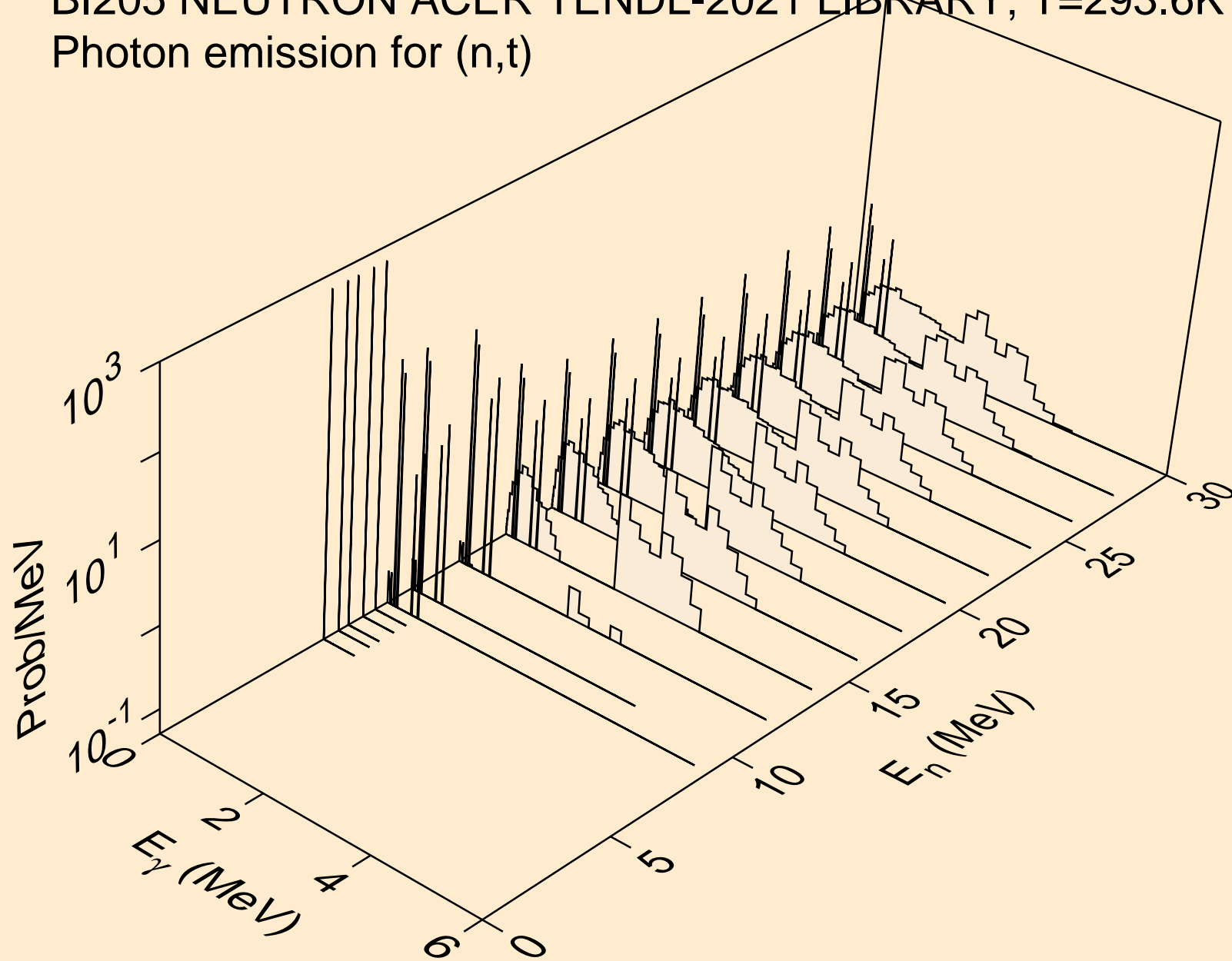
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Photon emission for (n,p)



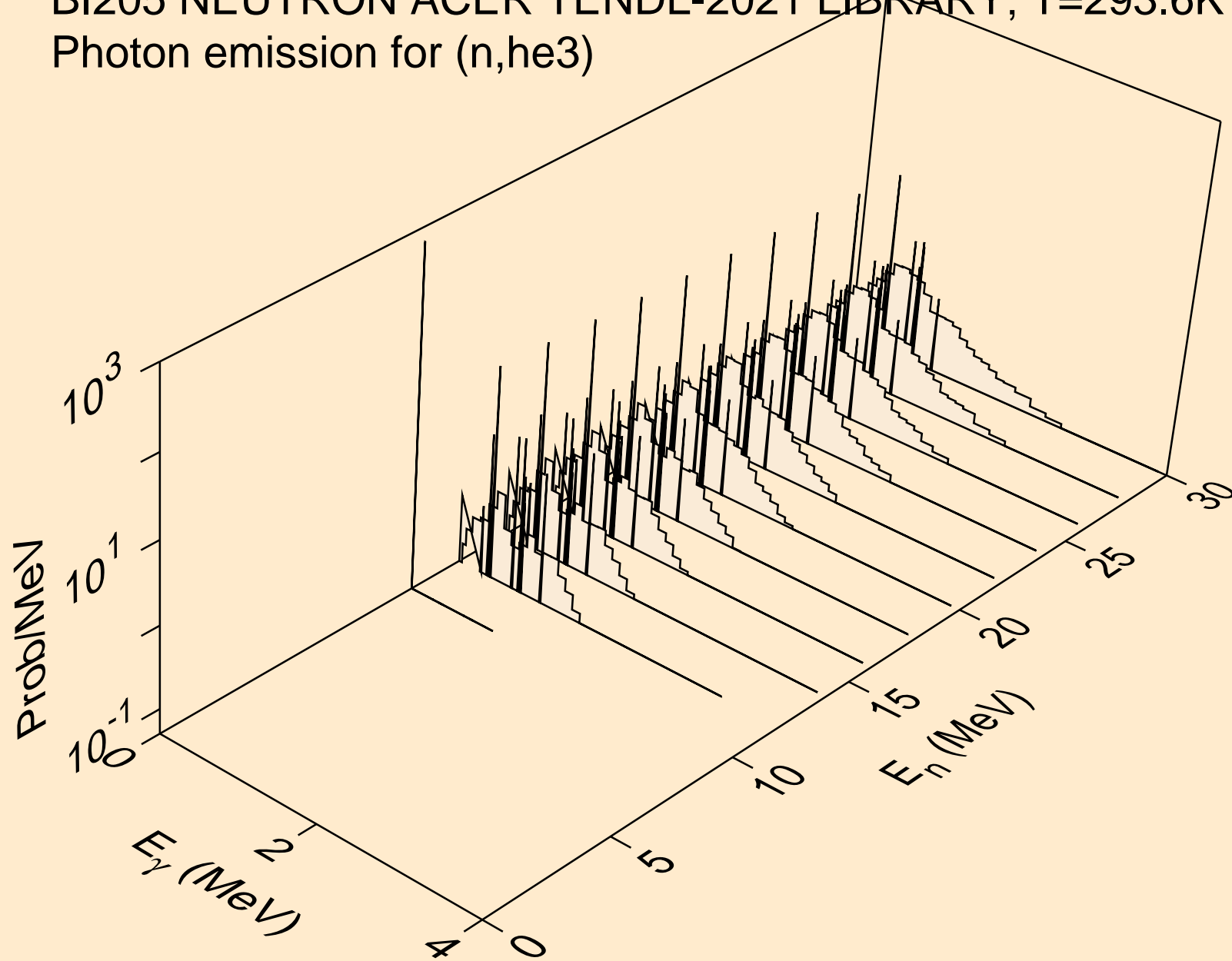
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Photon emission for (n,d)



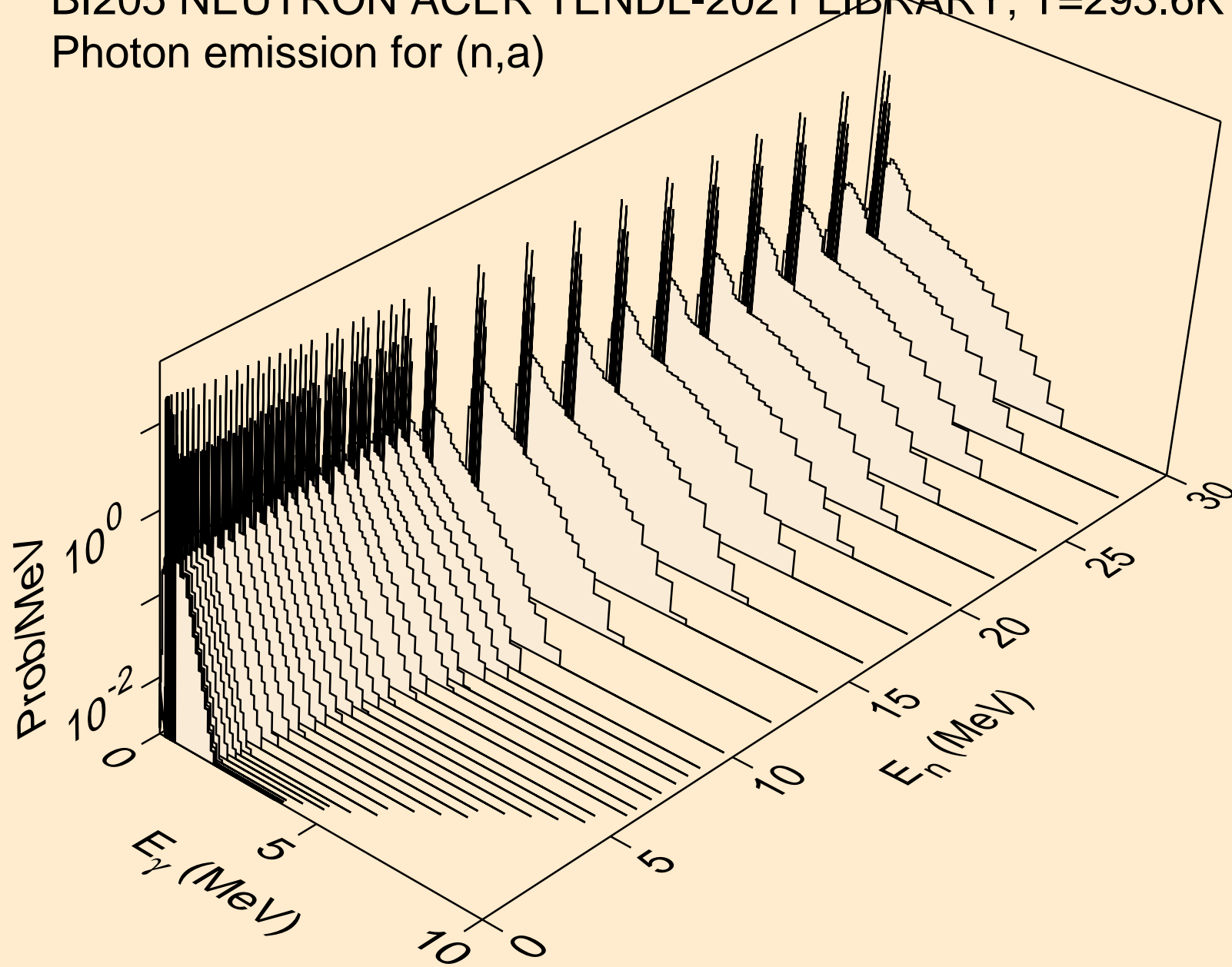
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Photon emission for (n,t)



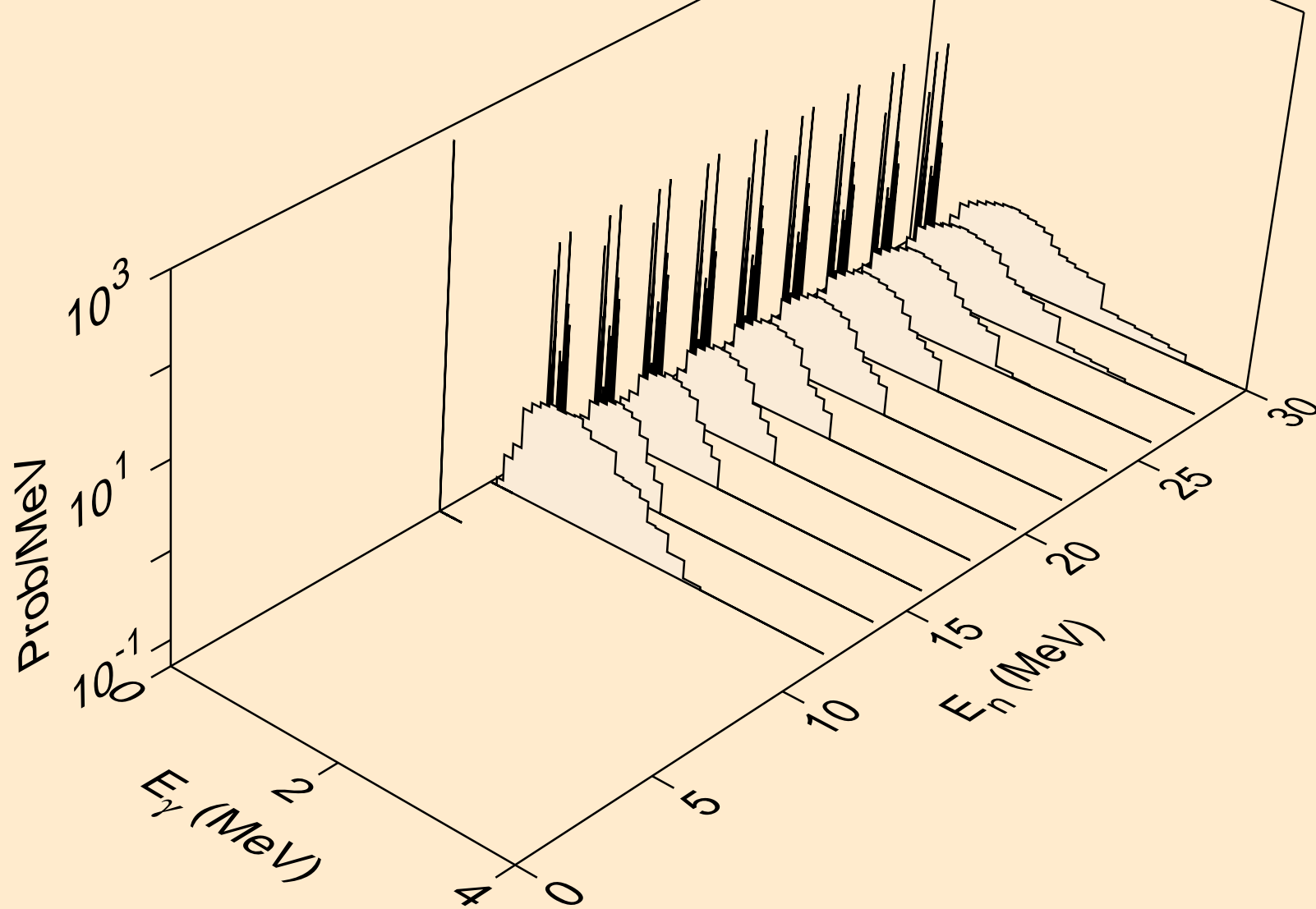
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Photon emission for (n,he3)



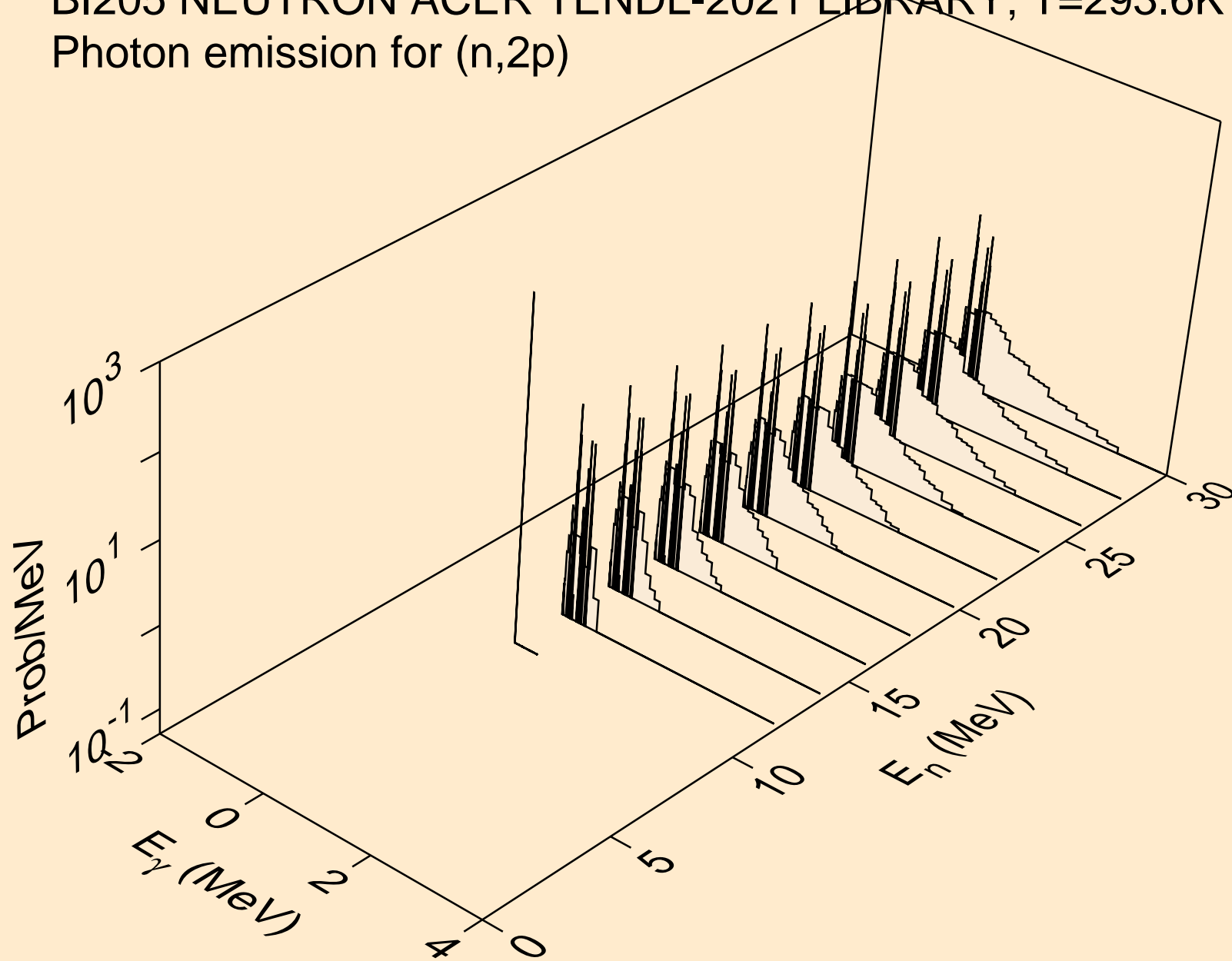
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Photon emission for (n,a)



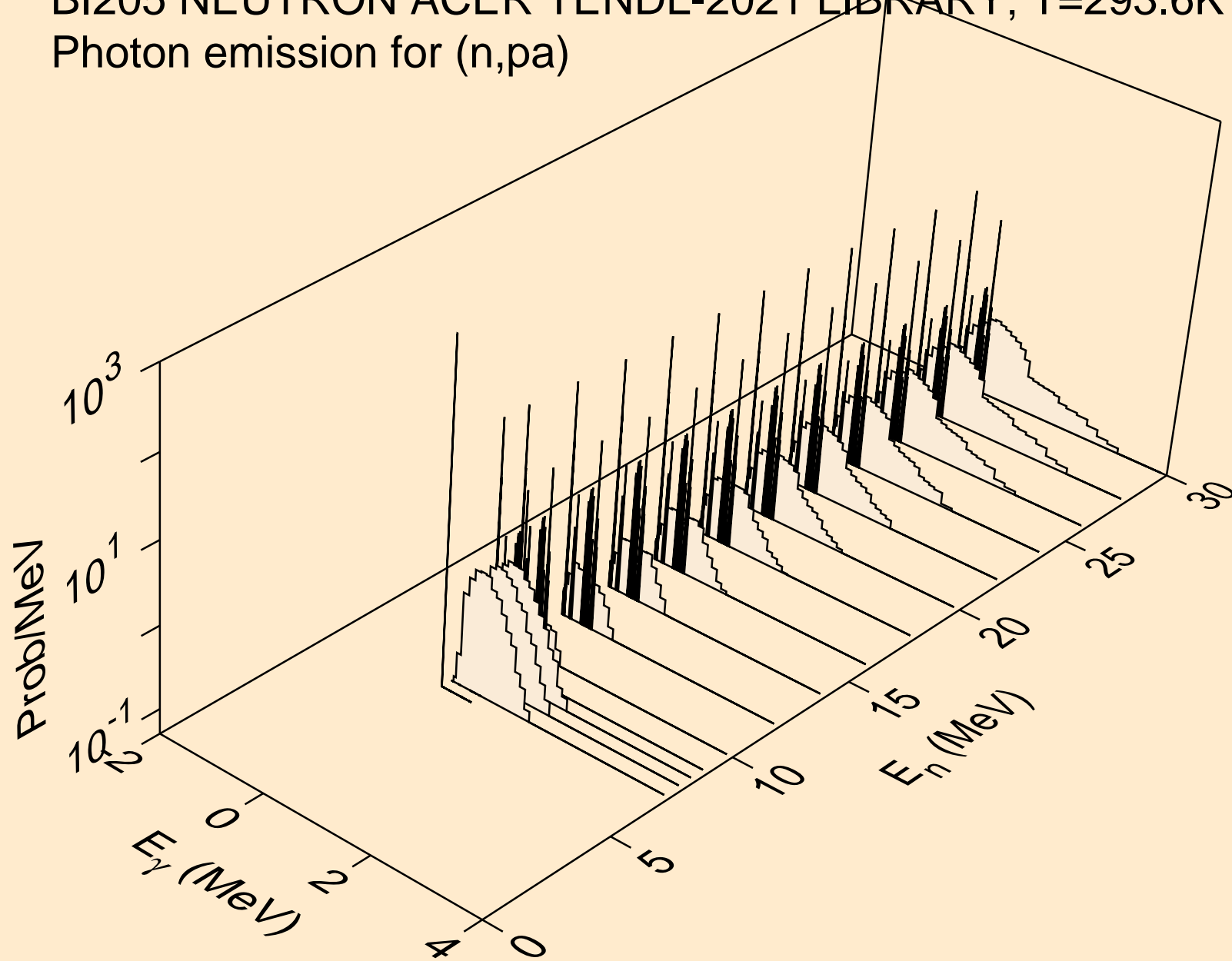
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

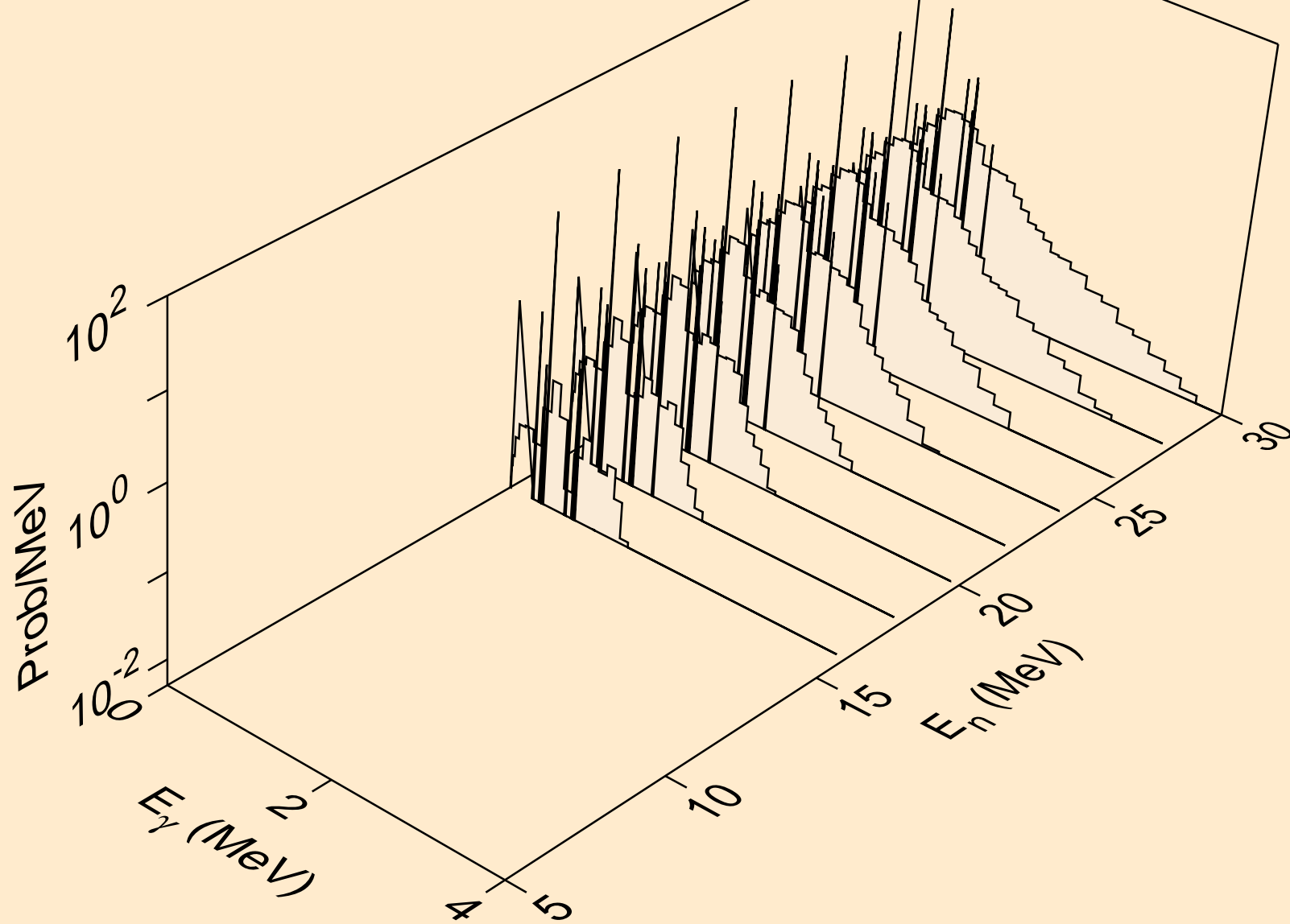


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

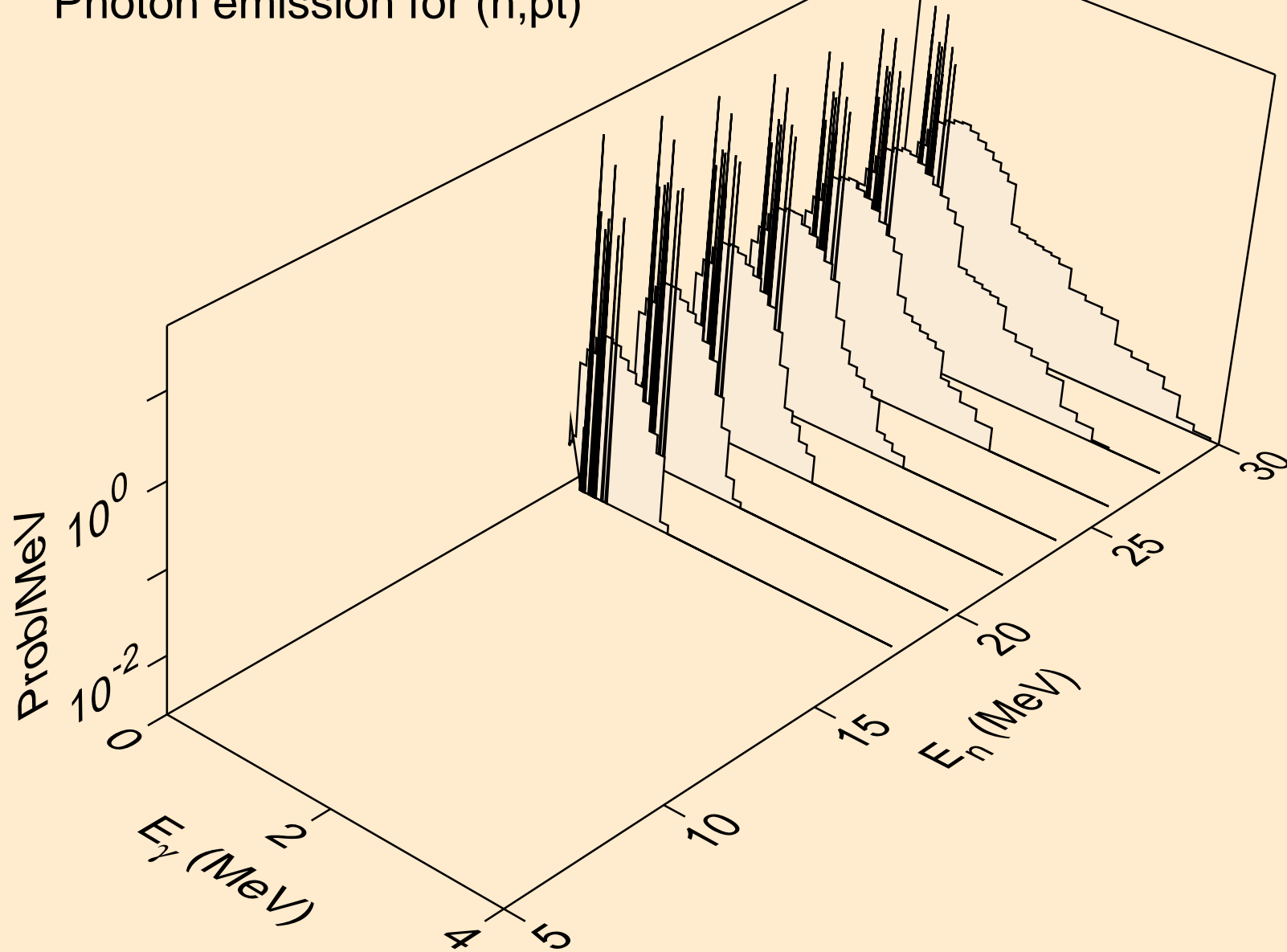




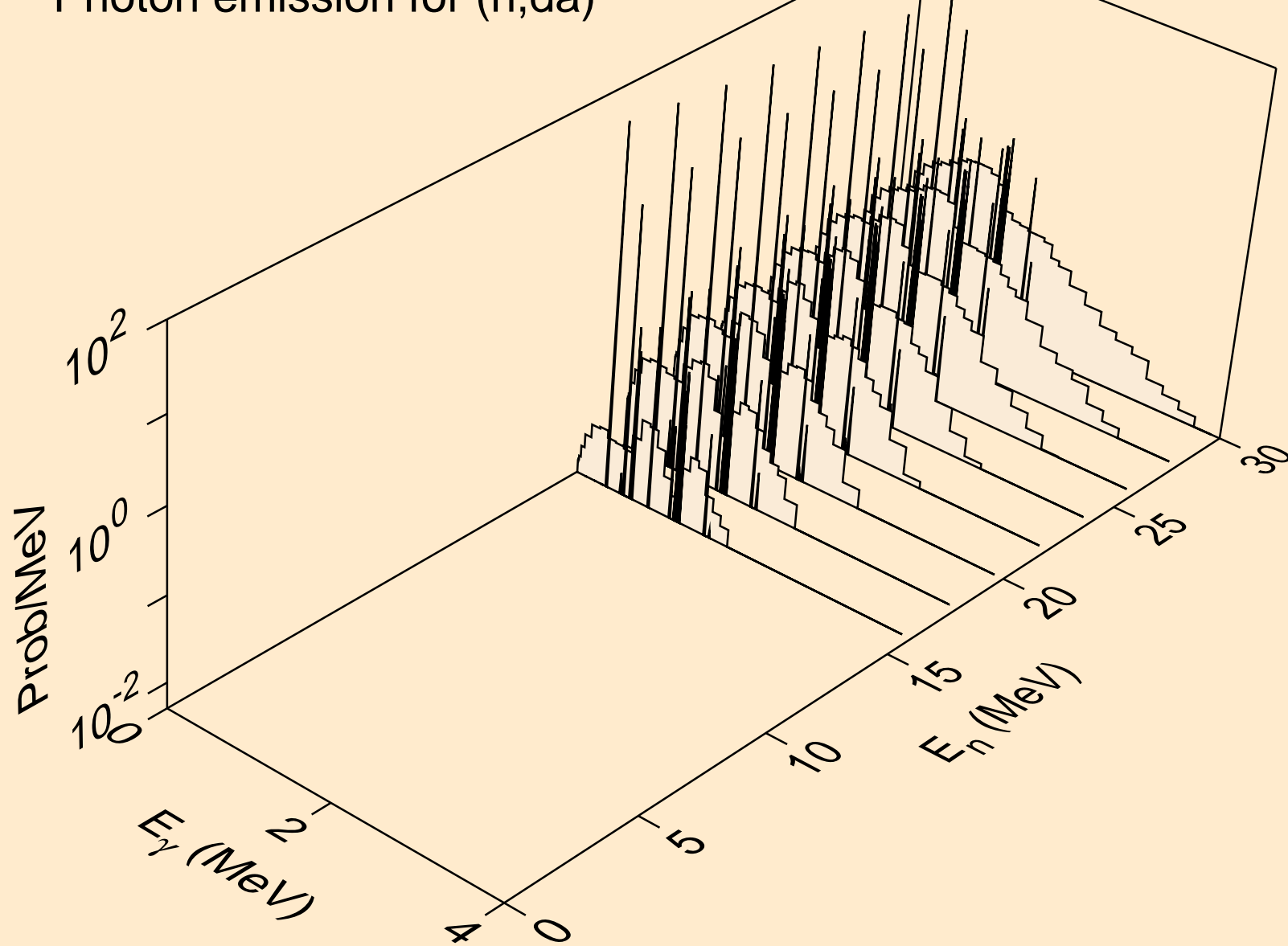
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Photon emission for (n,pd)



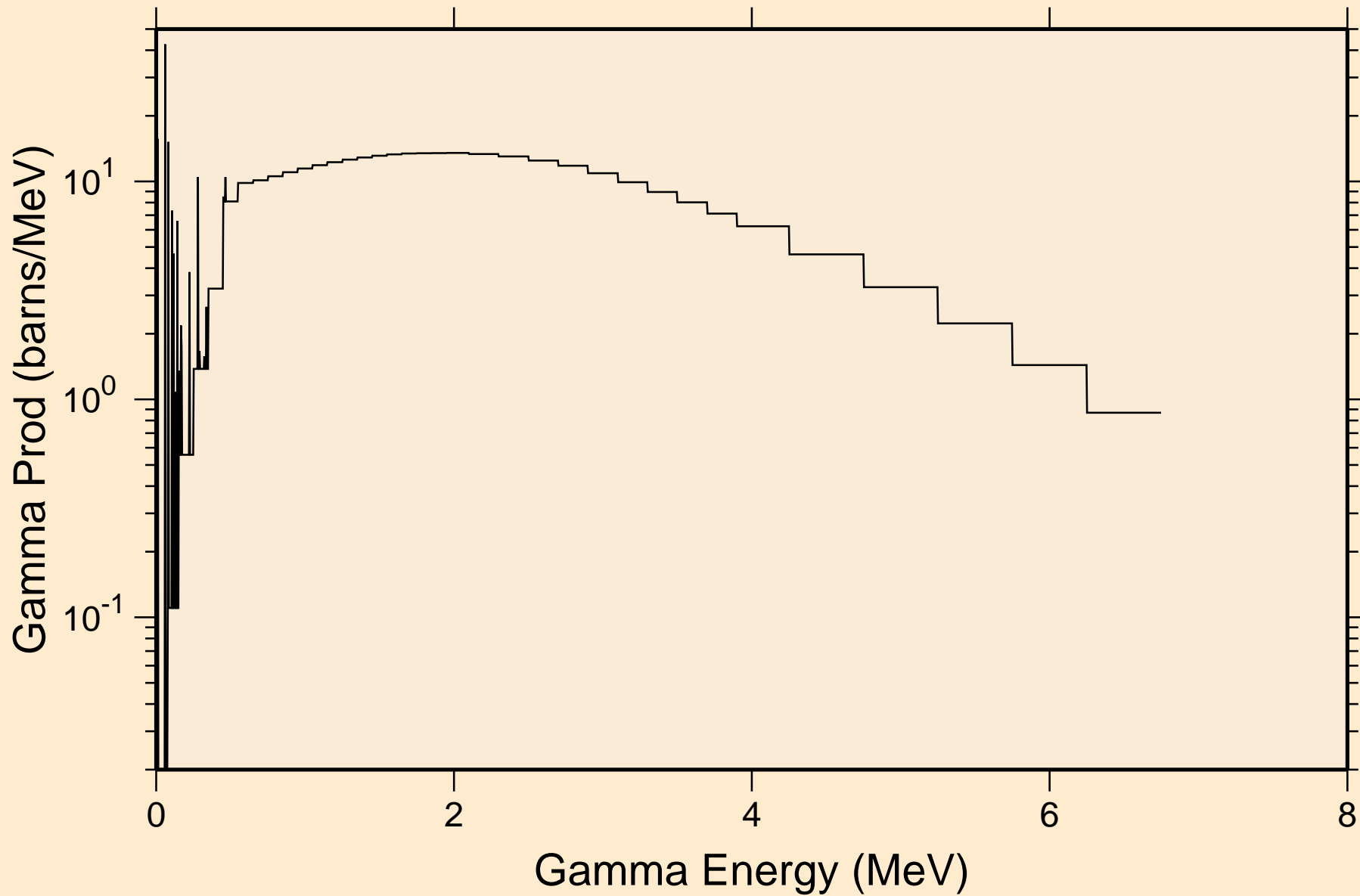
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Photon emission for (n,pt)



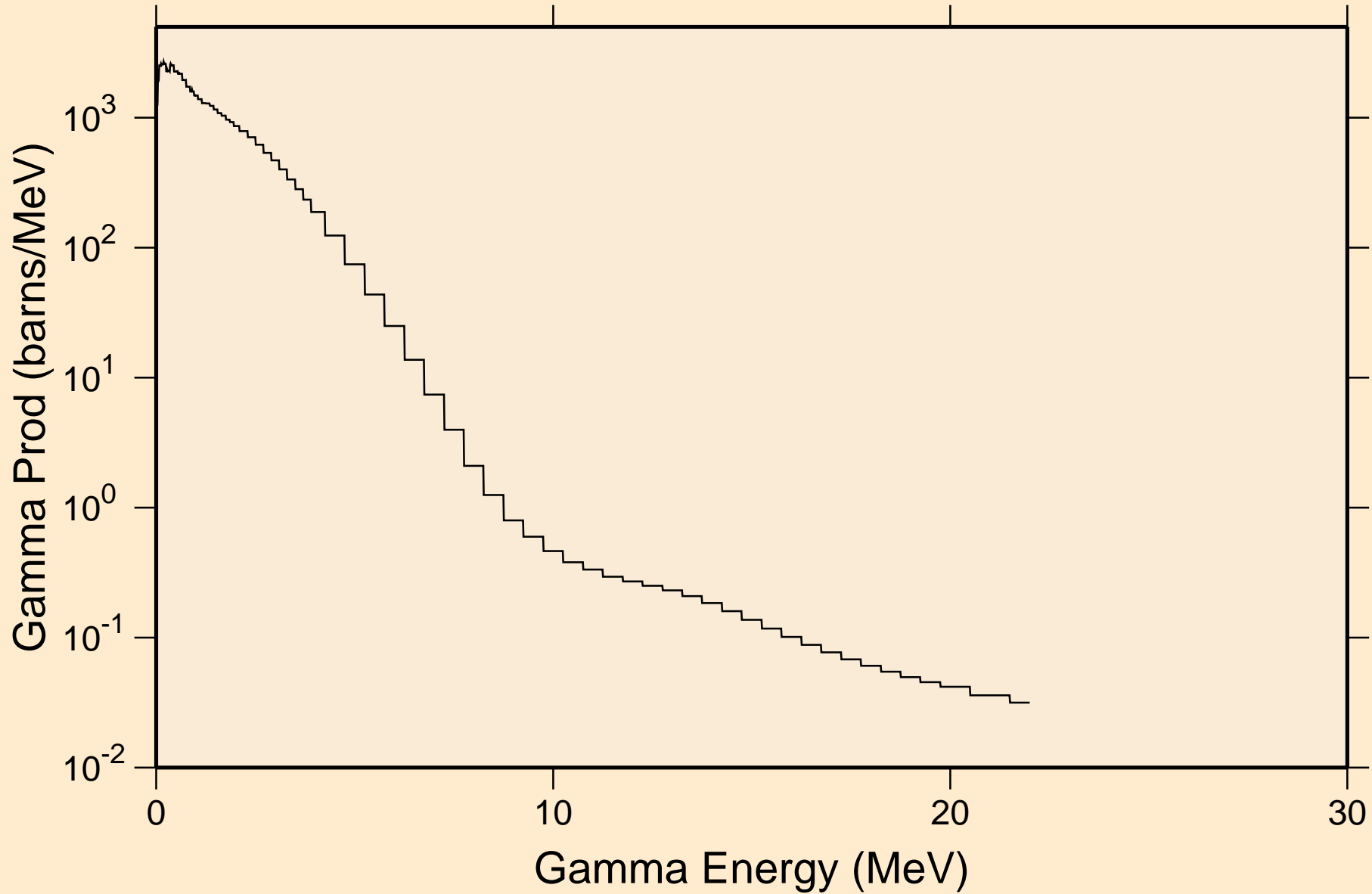
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

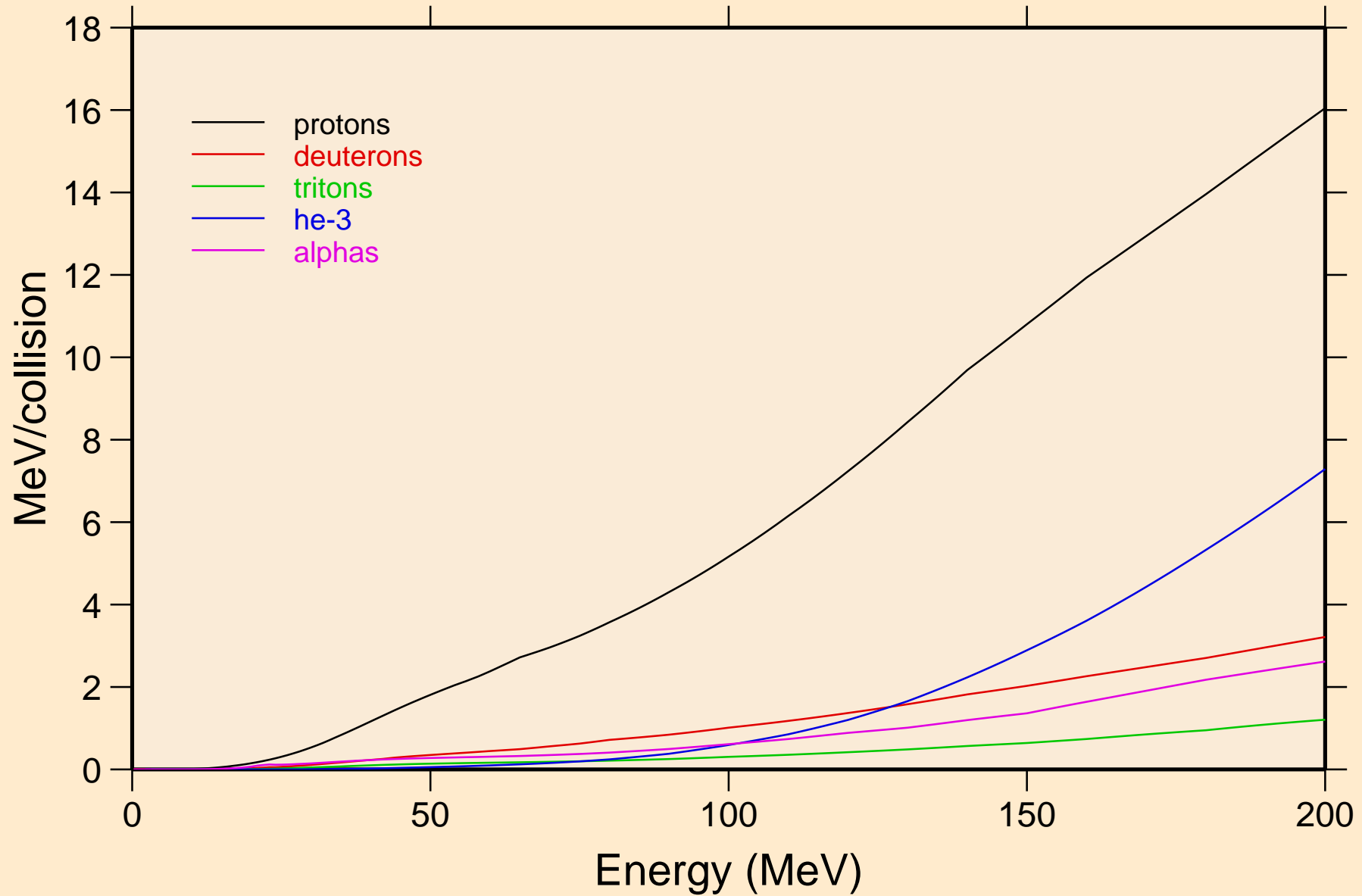


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

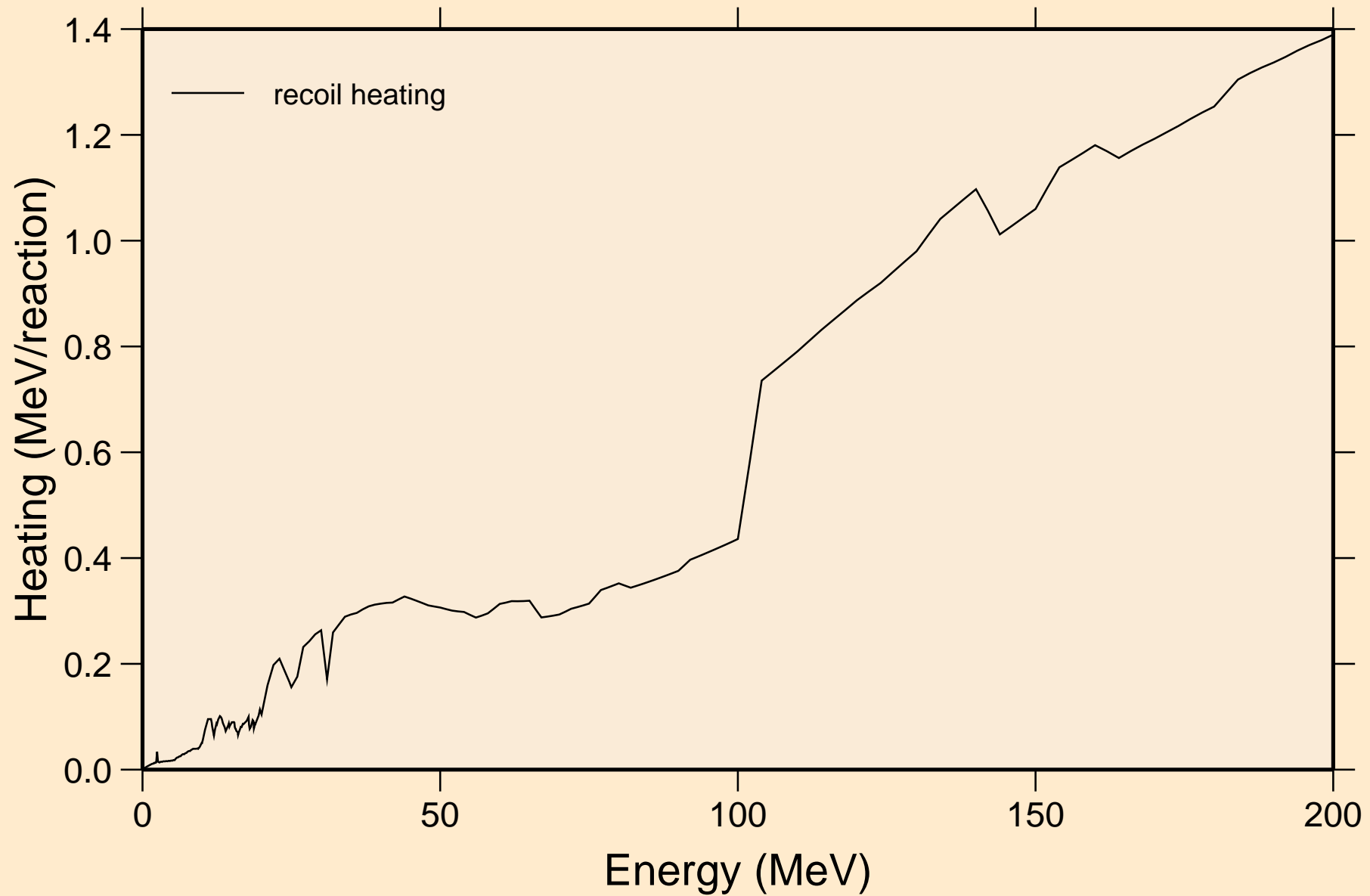


# BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

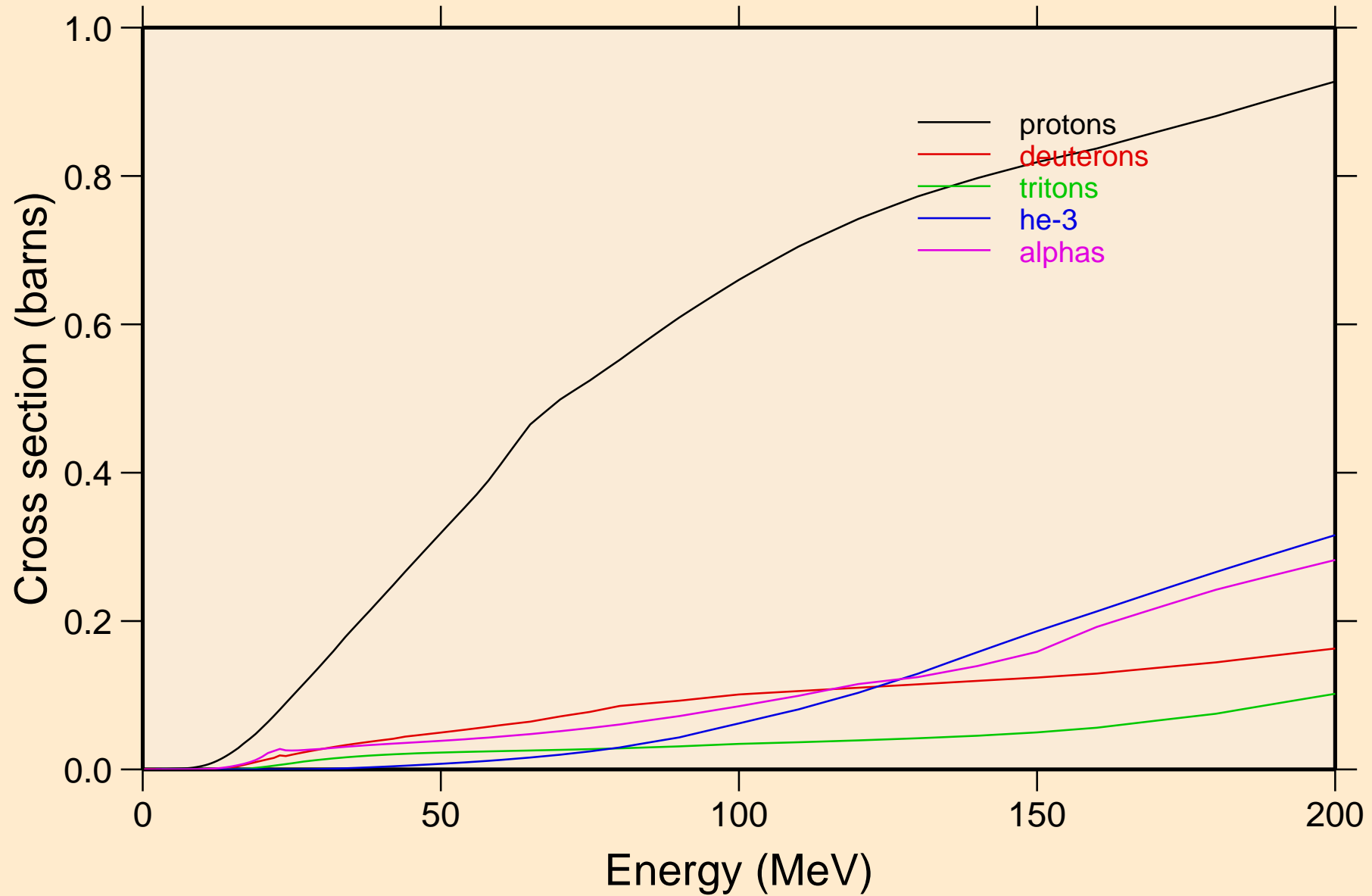
## Particle heating contributions



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

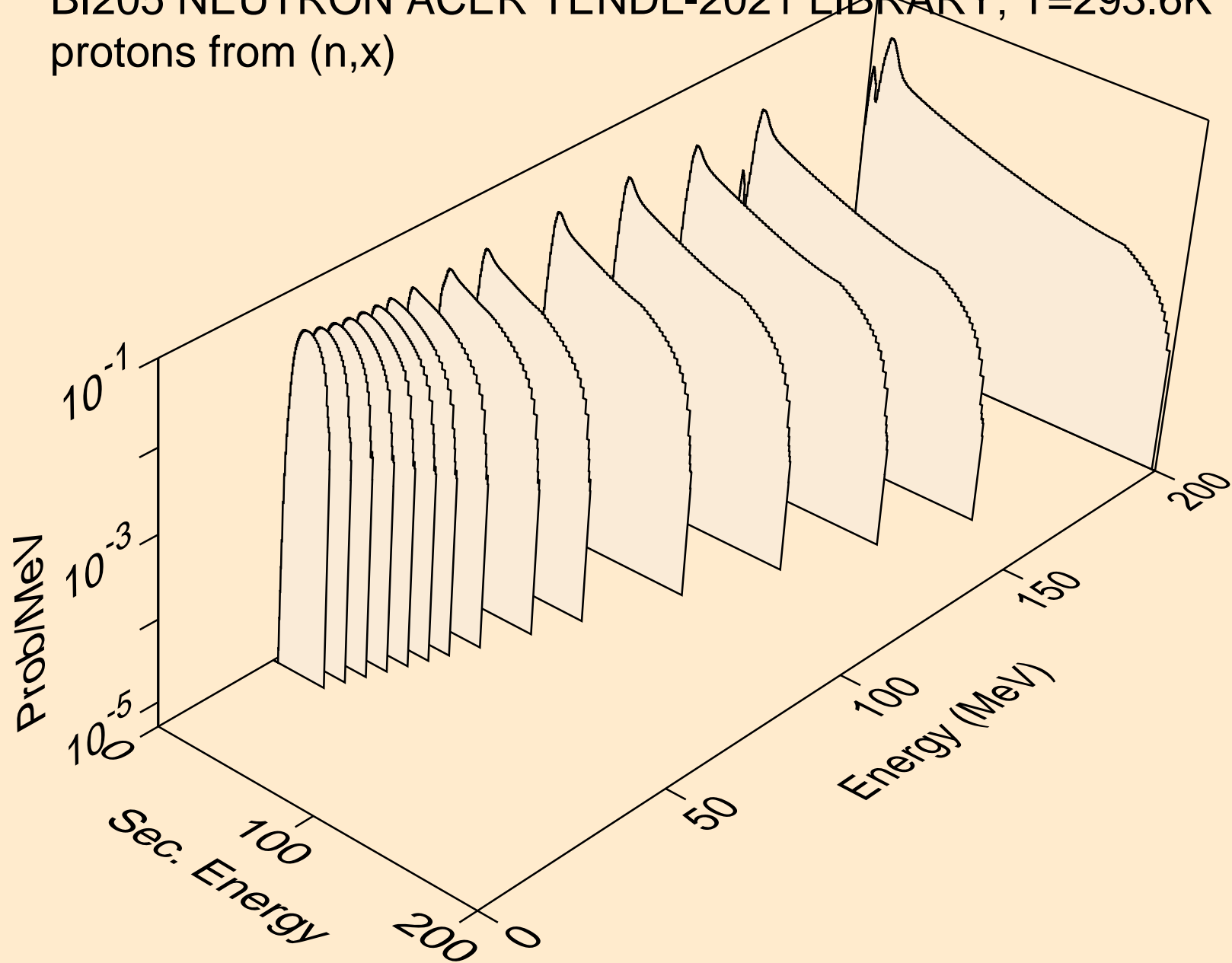


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

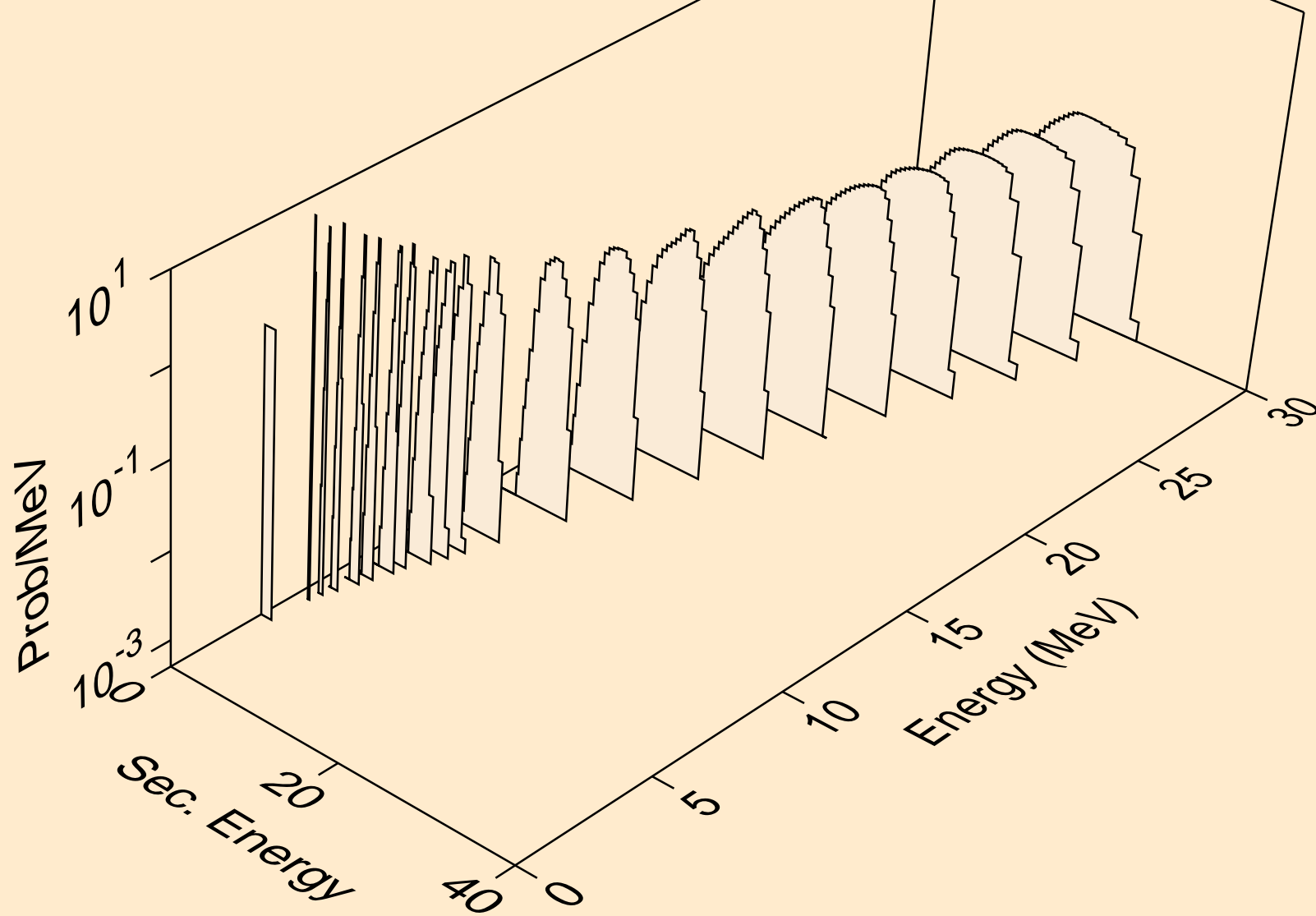




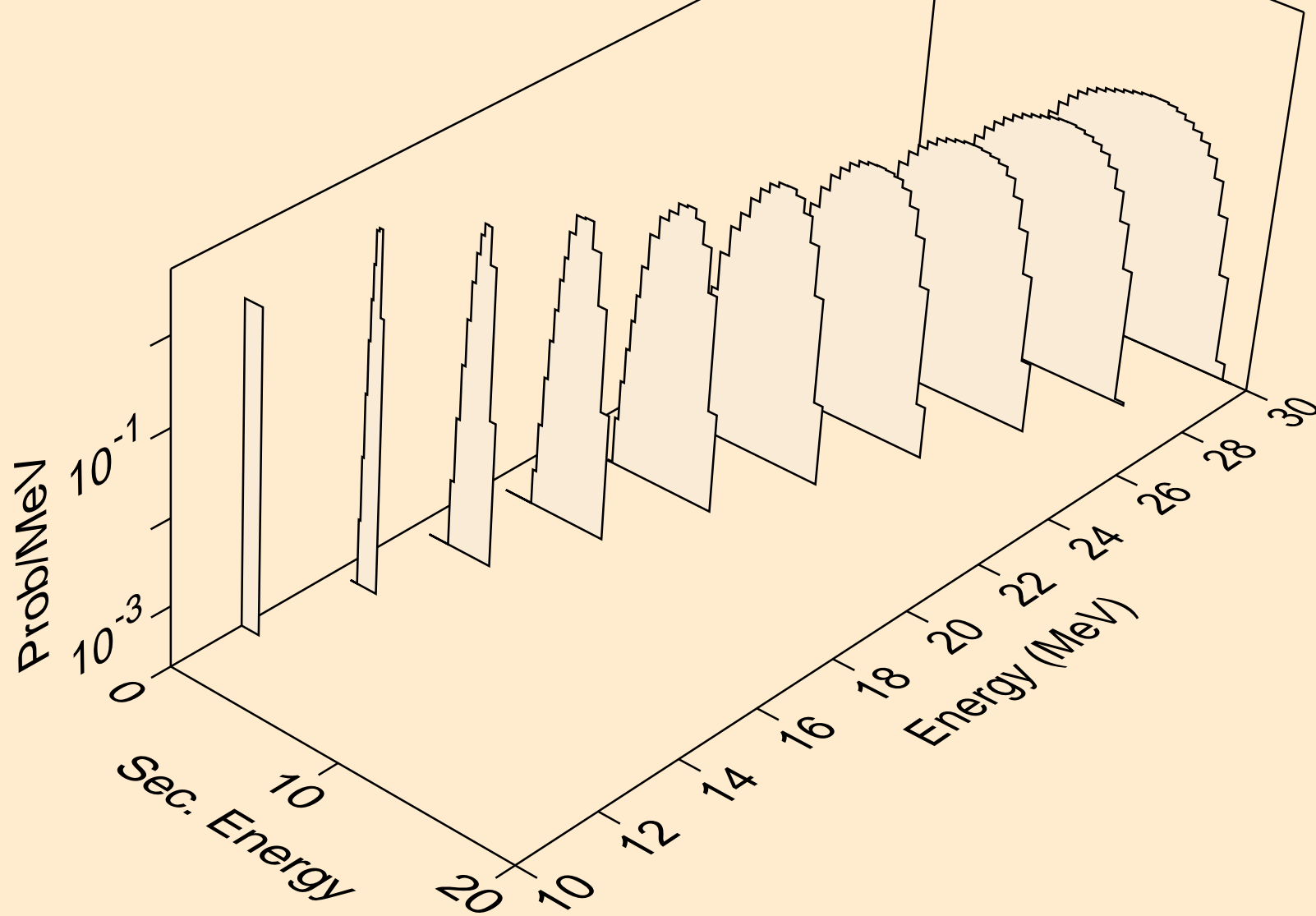
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



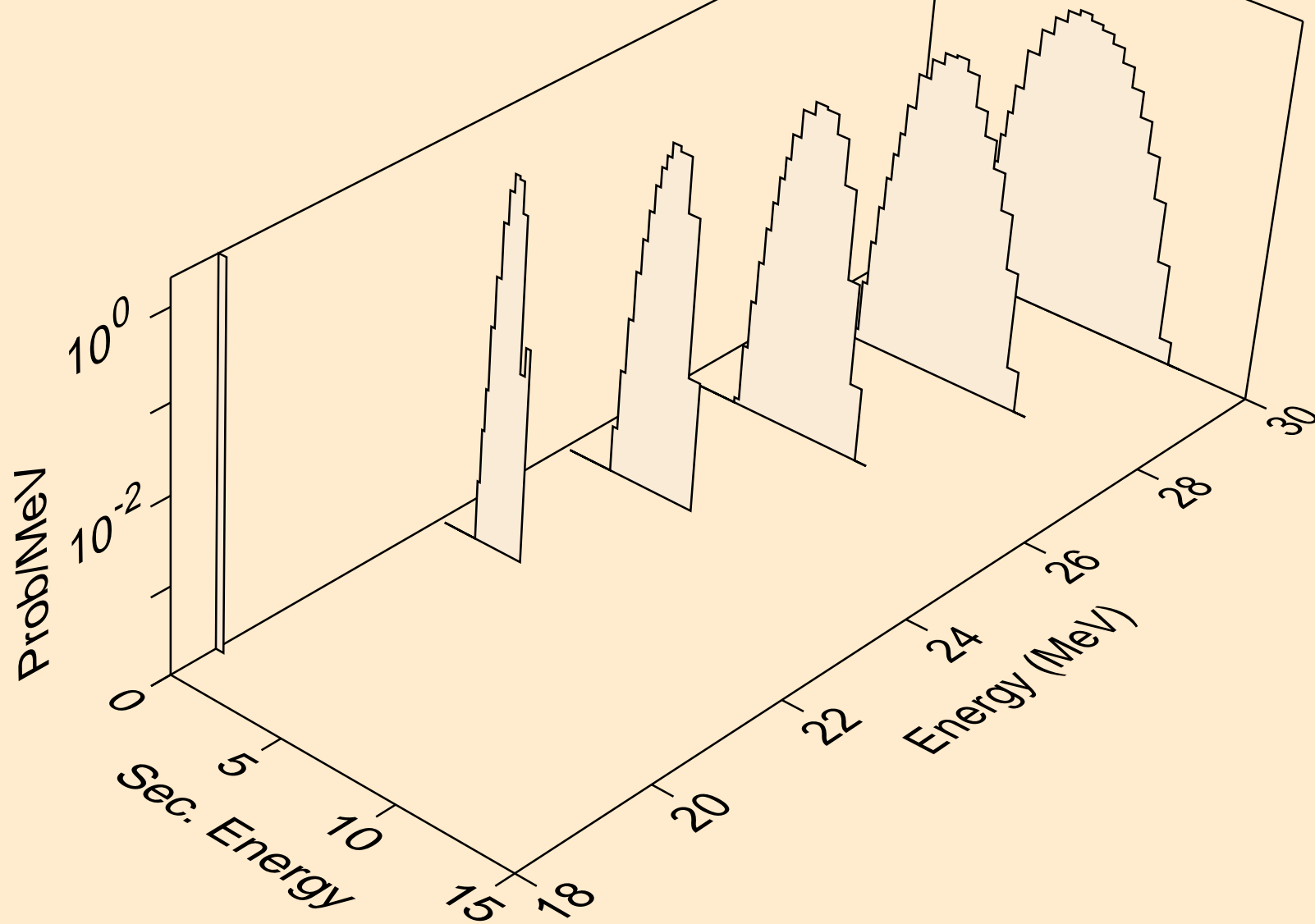
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protons from (n,n\*)p



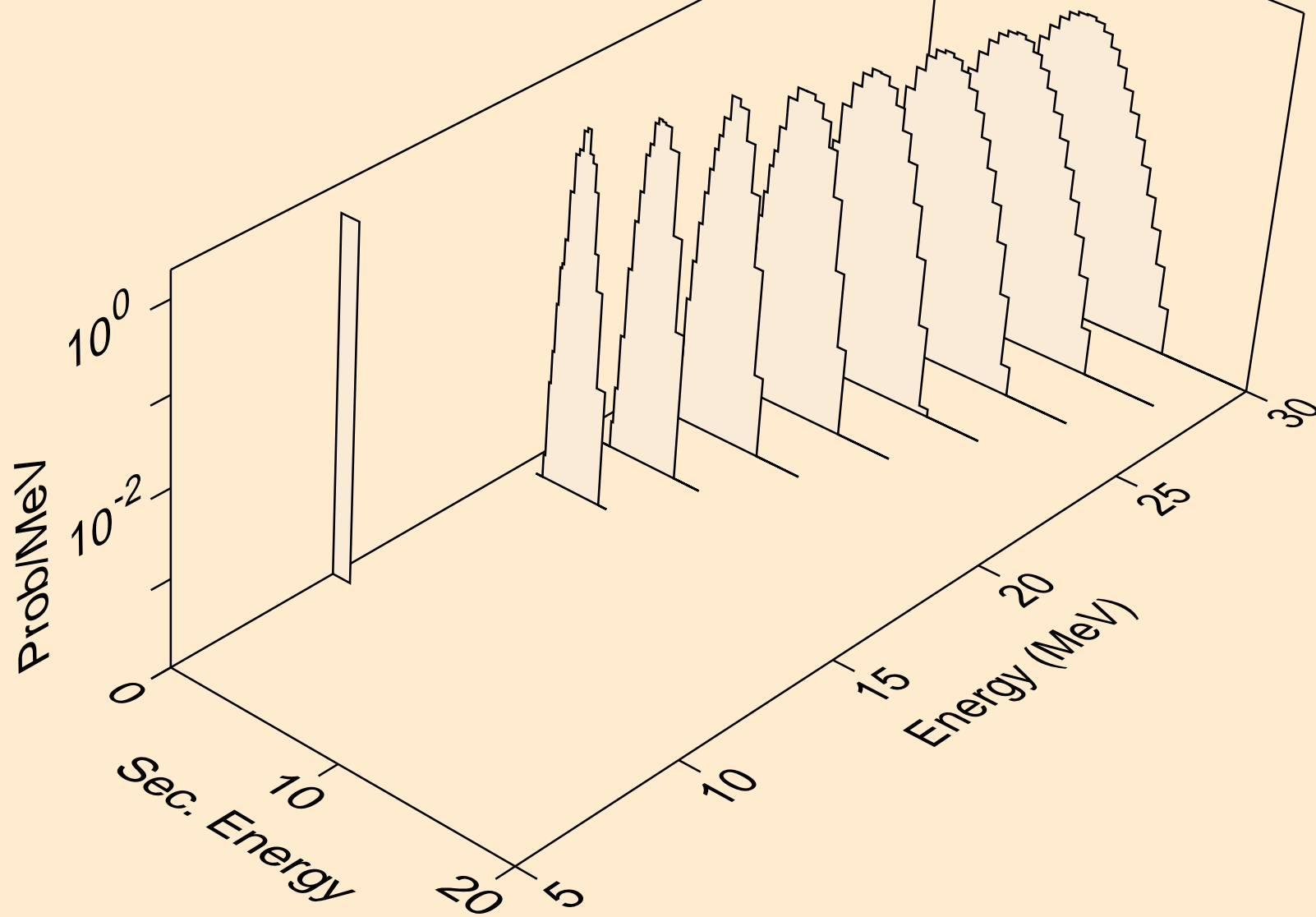
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protons from (n,2np)



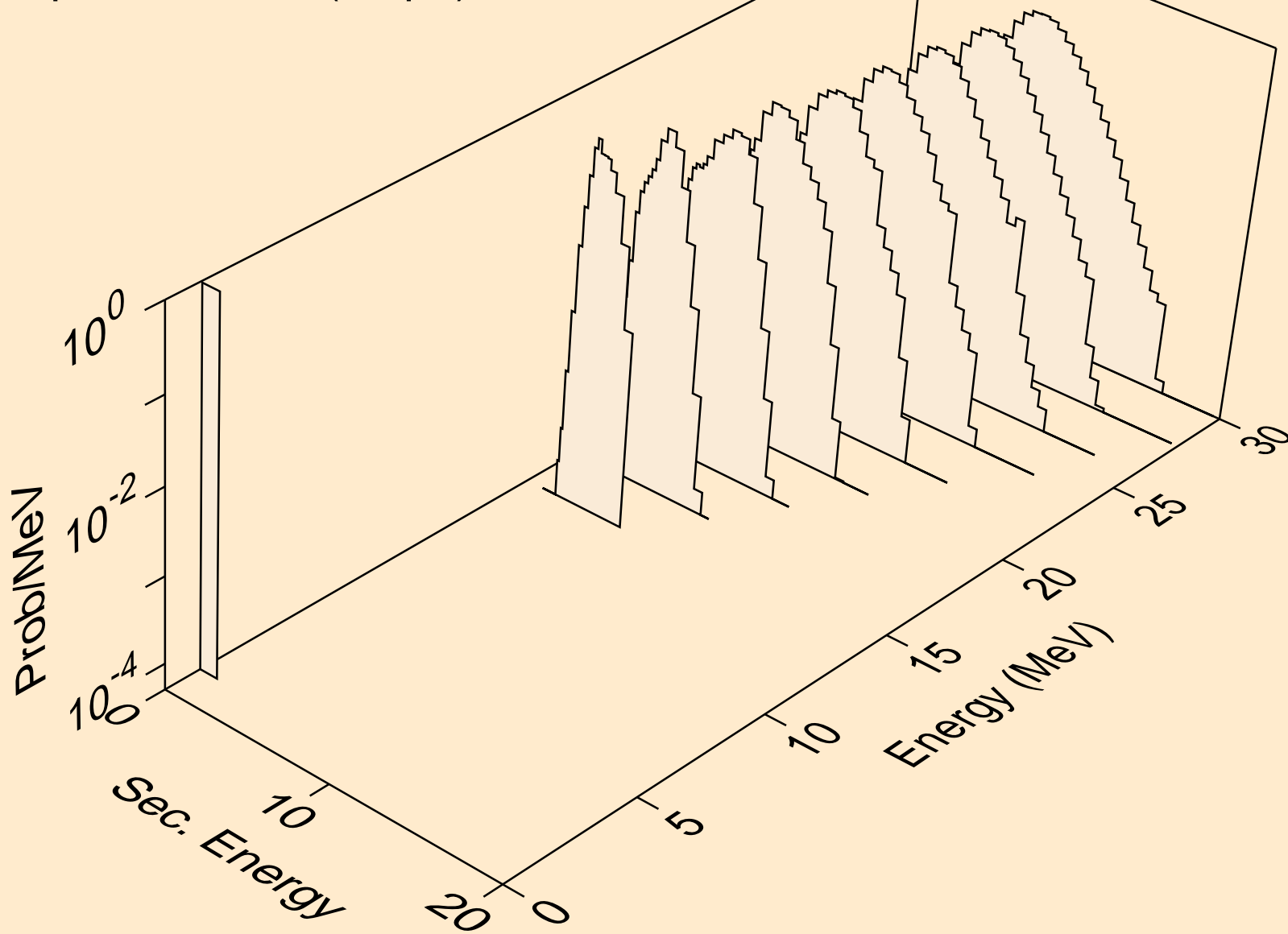
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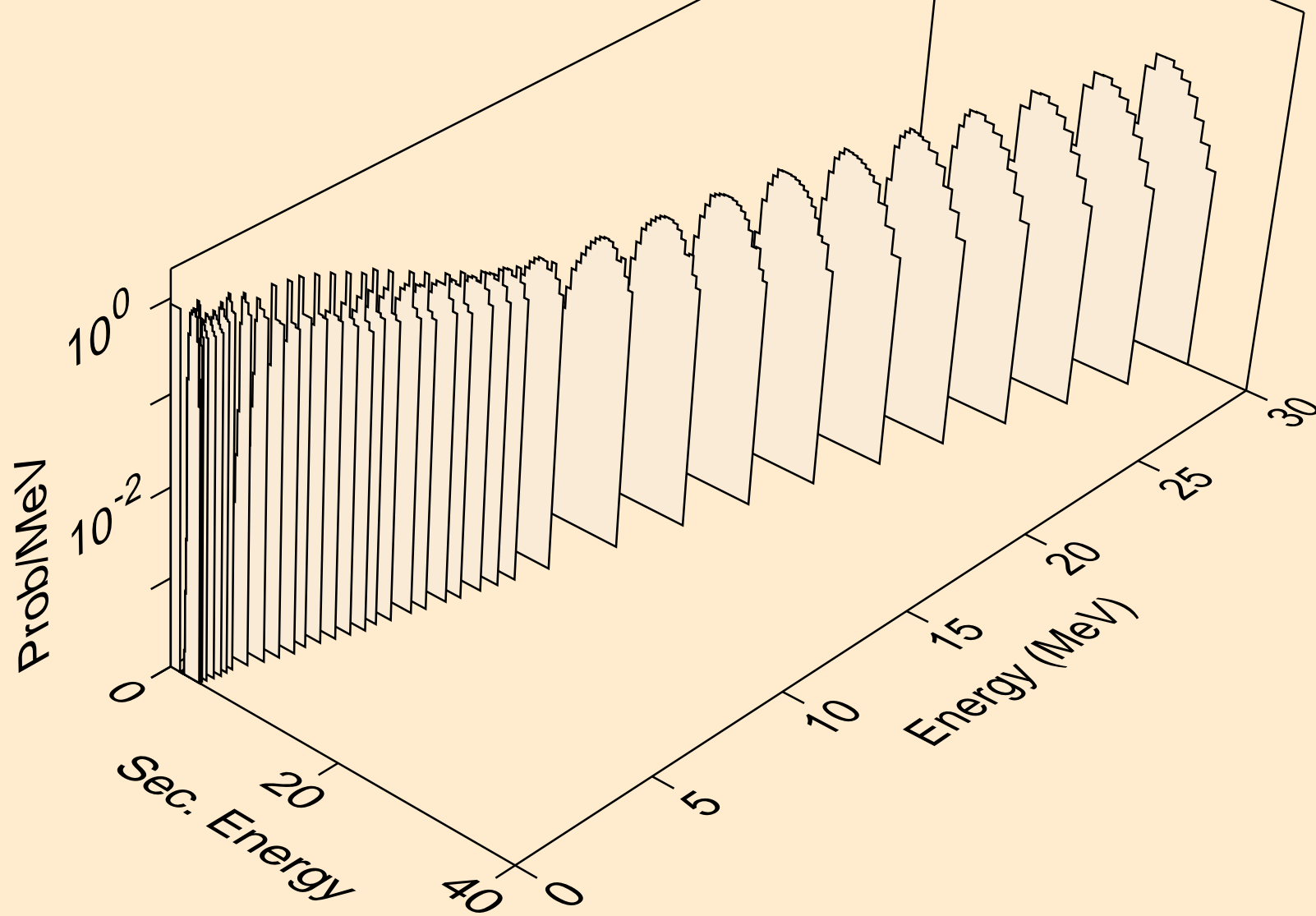
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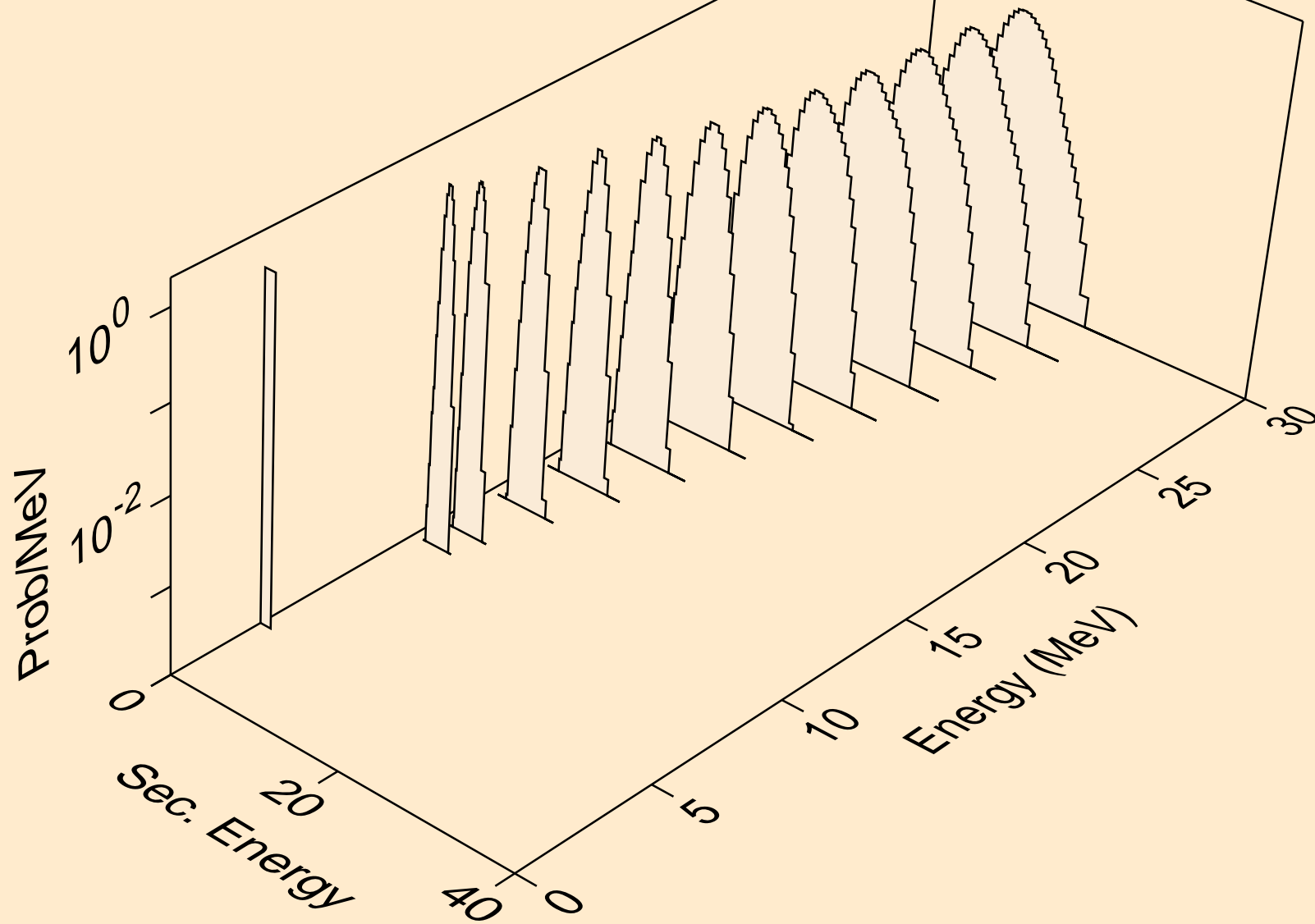
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protons from (n,npa)



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

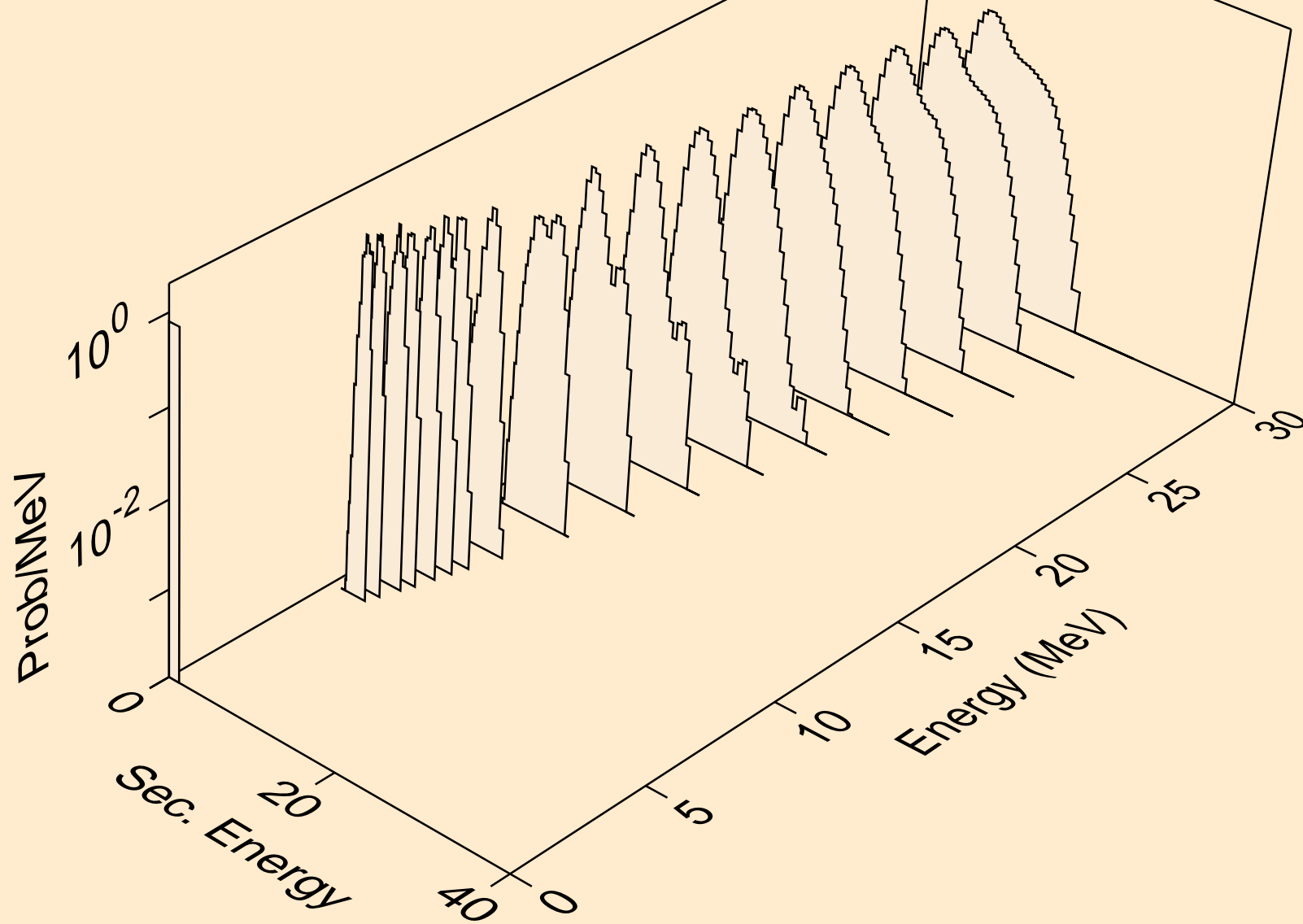


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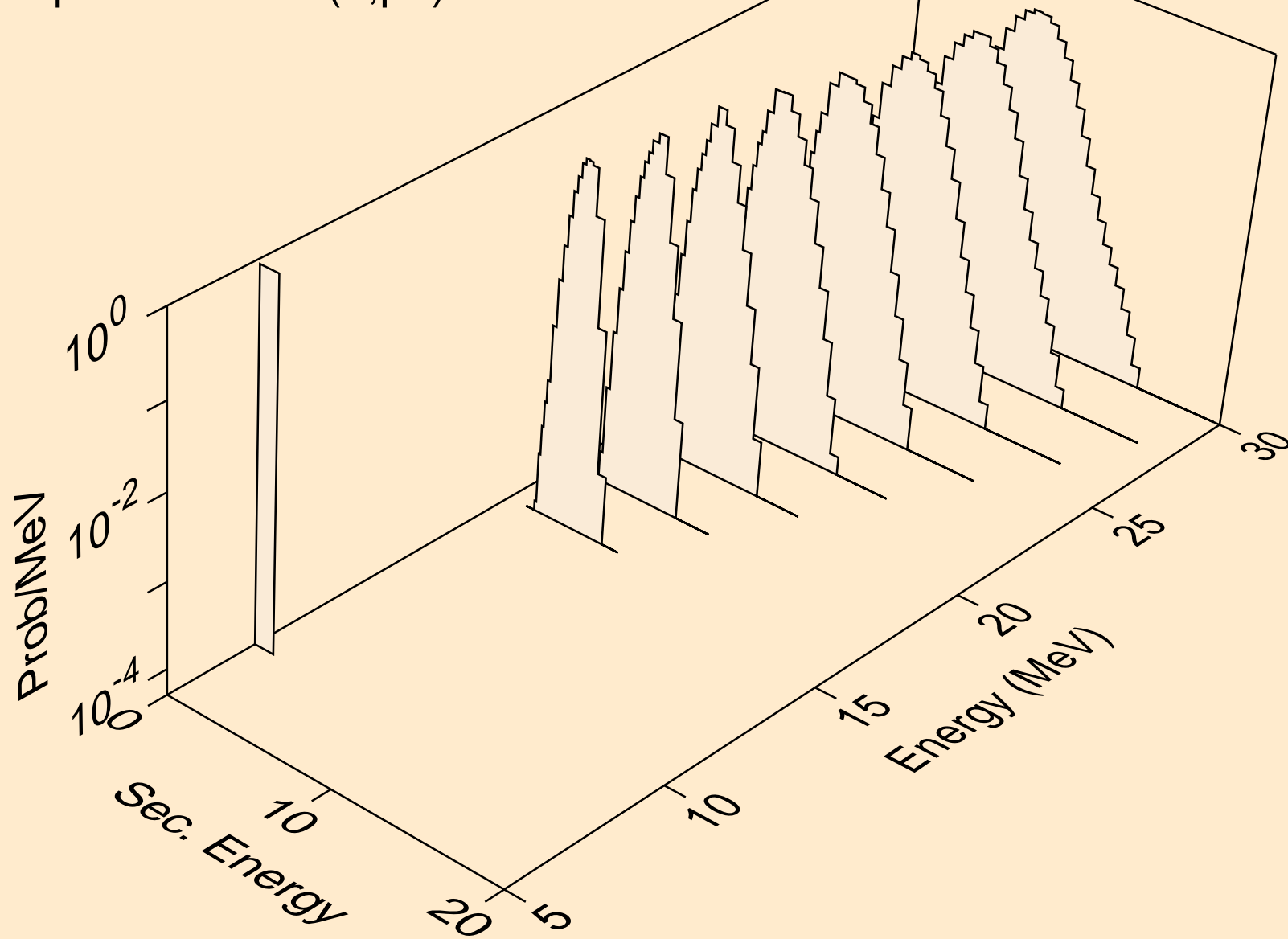




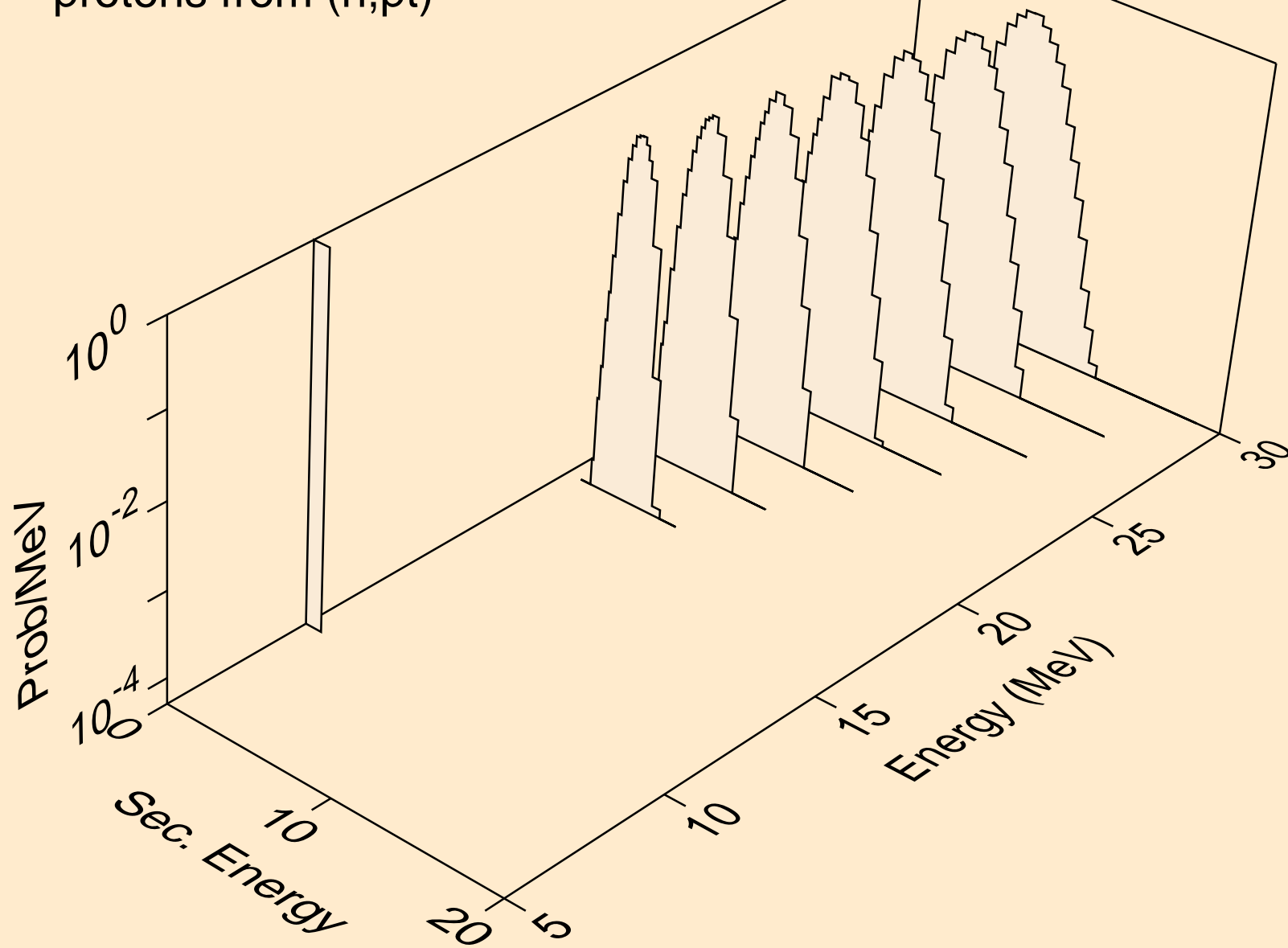
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protons from (n,p)



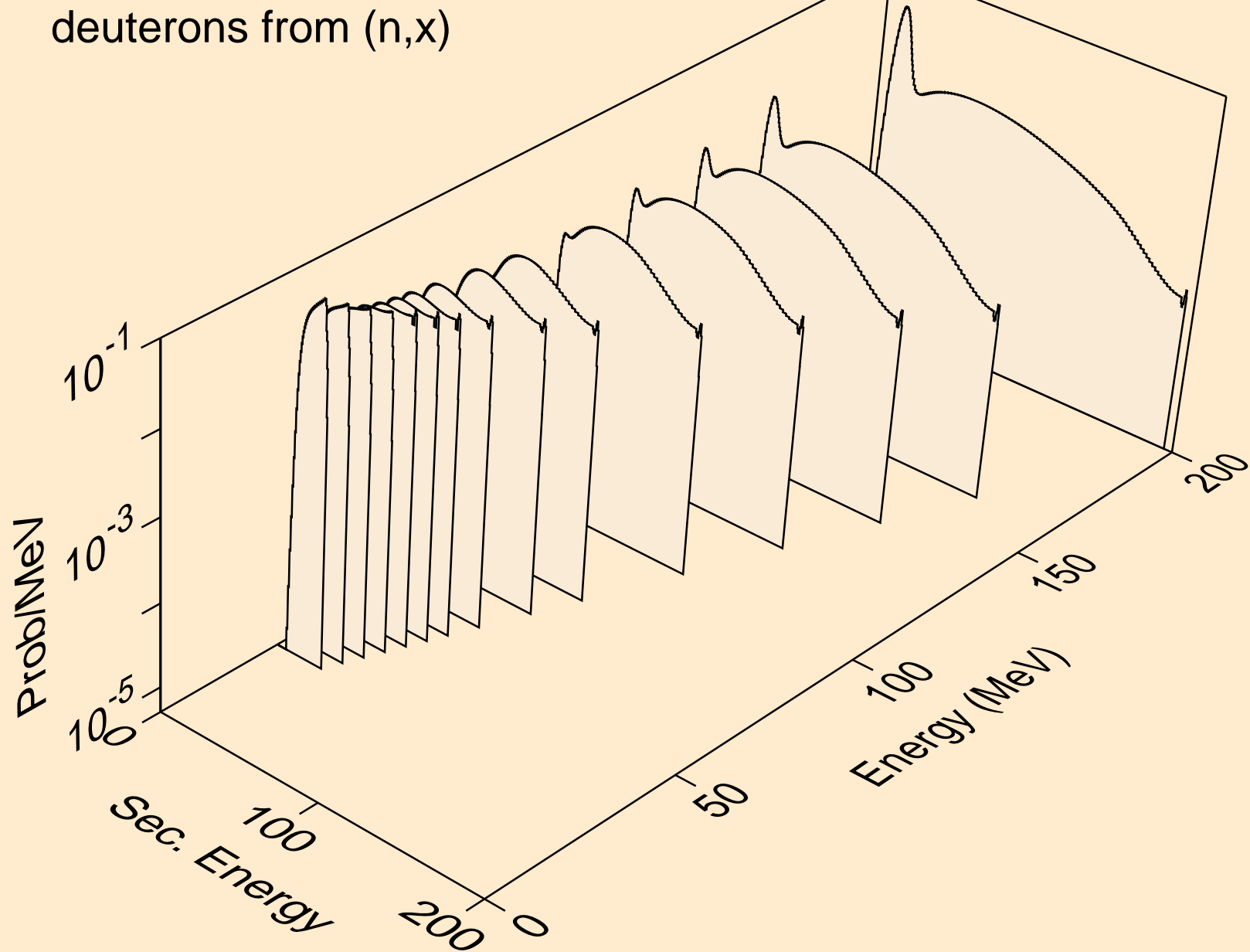
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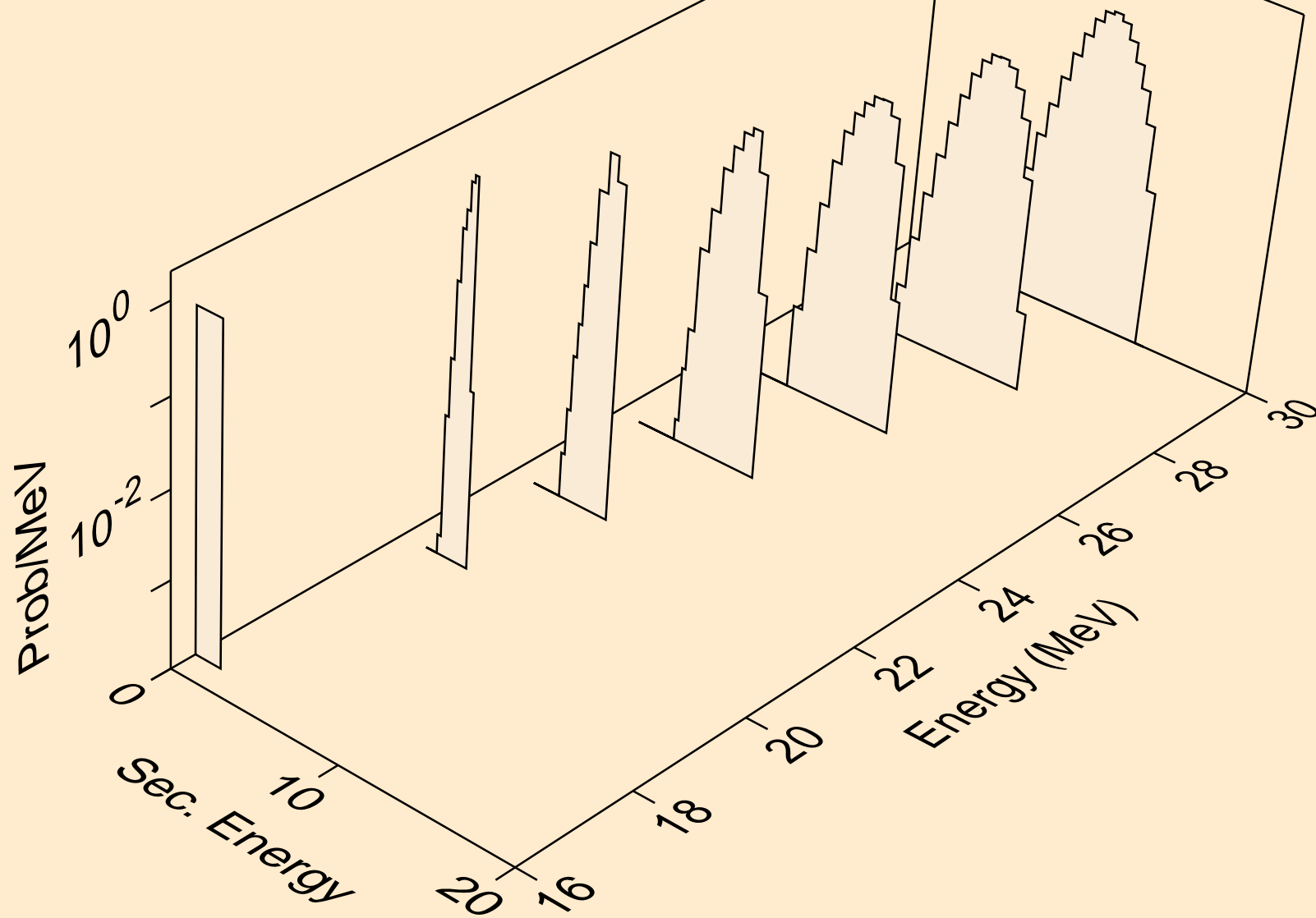
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



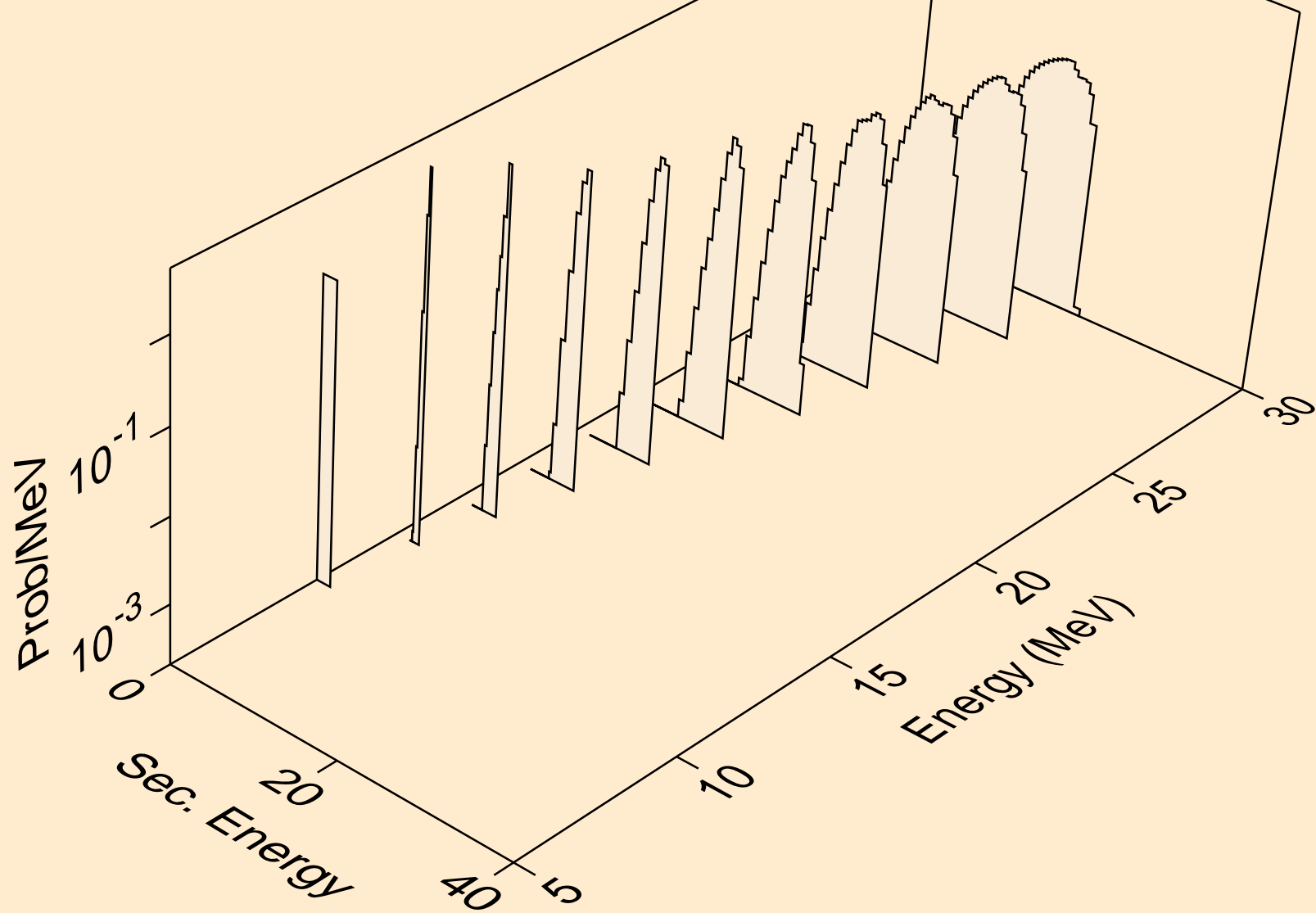
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deuterons from (n,x)



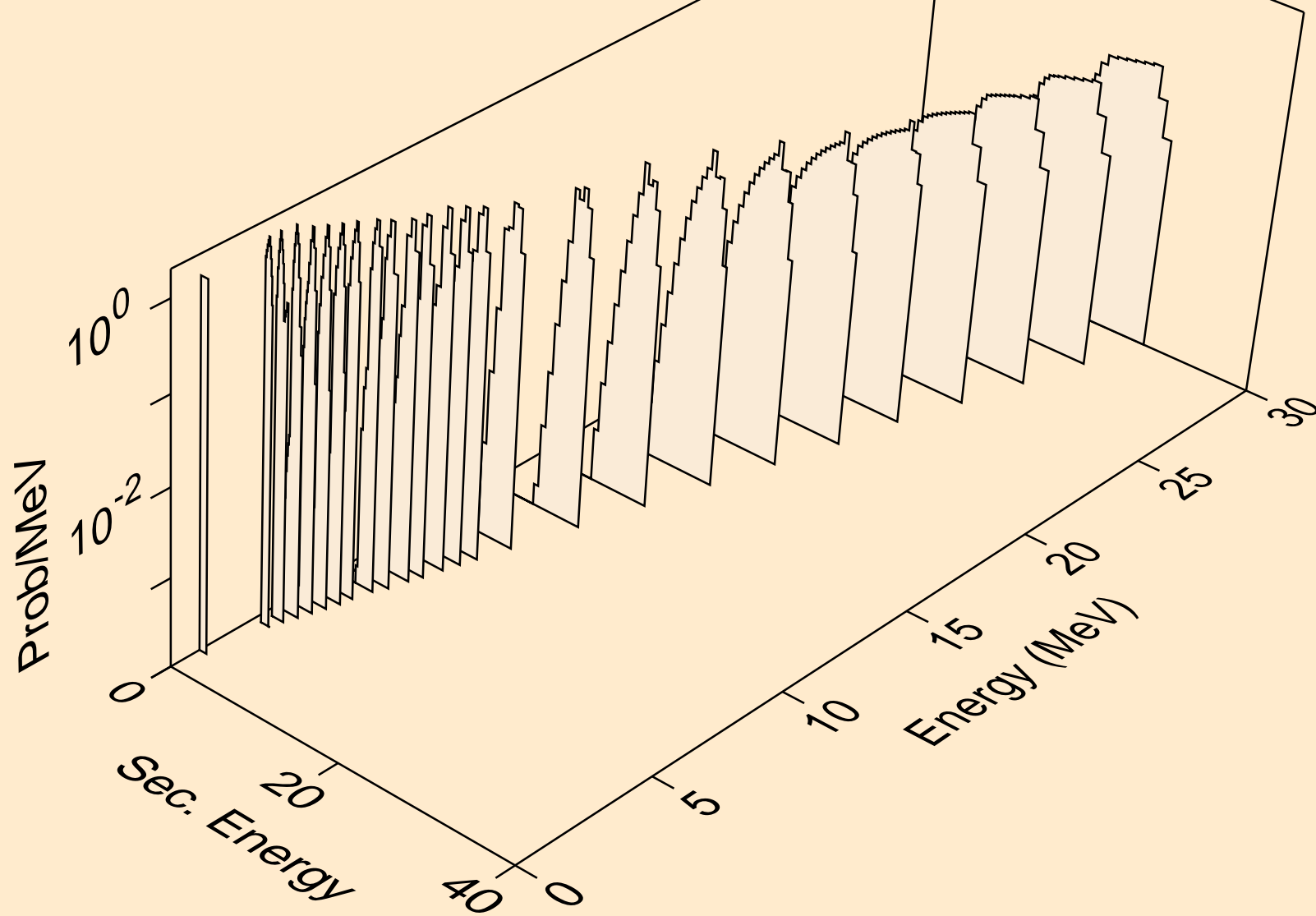
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deuterons from (n,2nd)



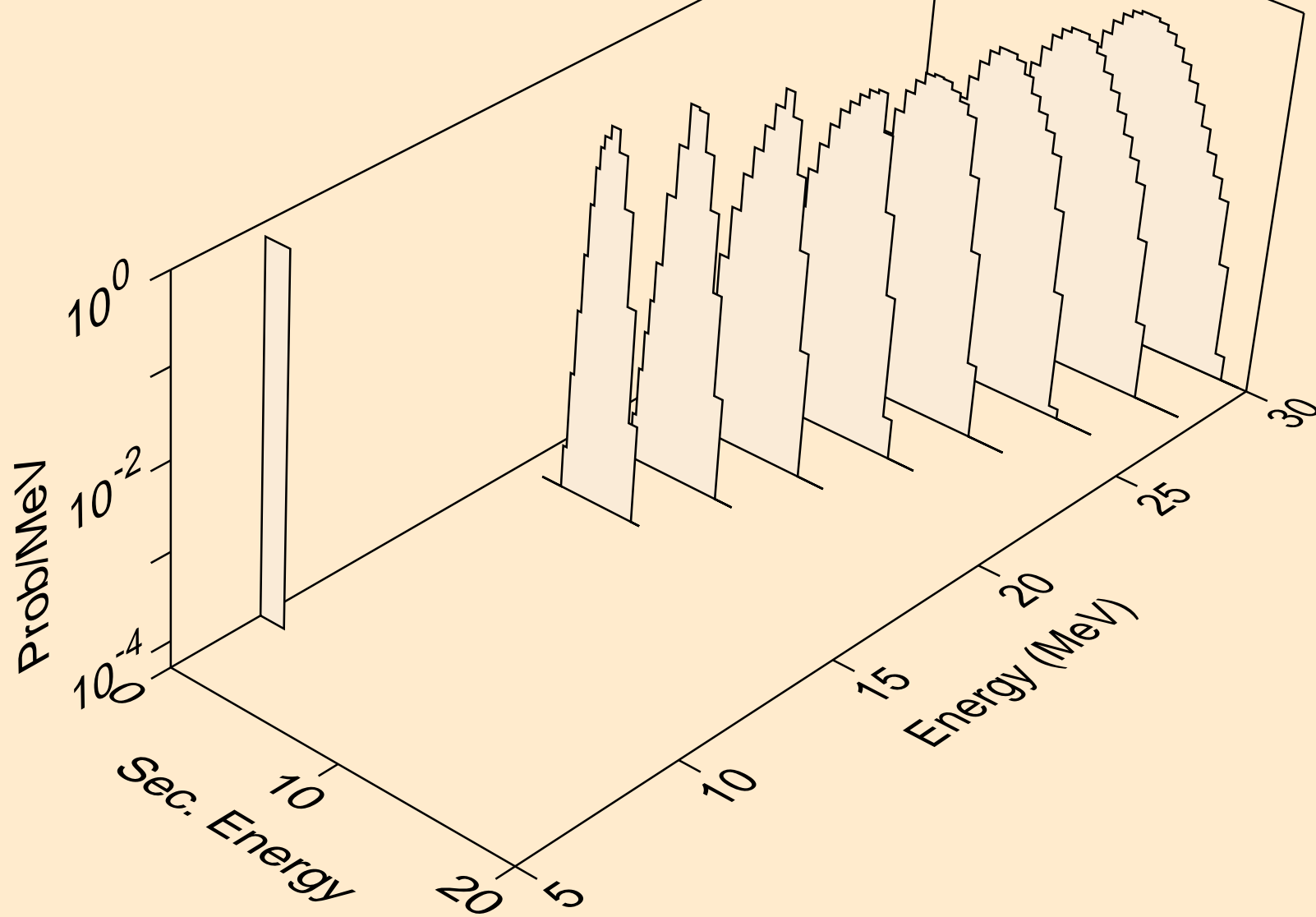
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deuterons from (n,n\*)d



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

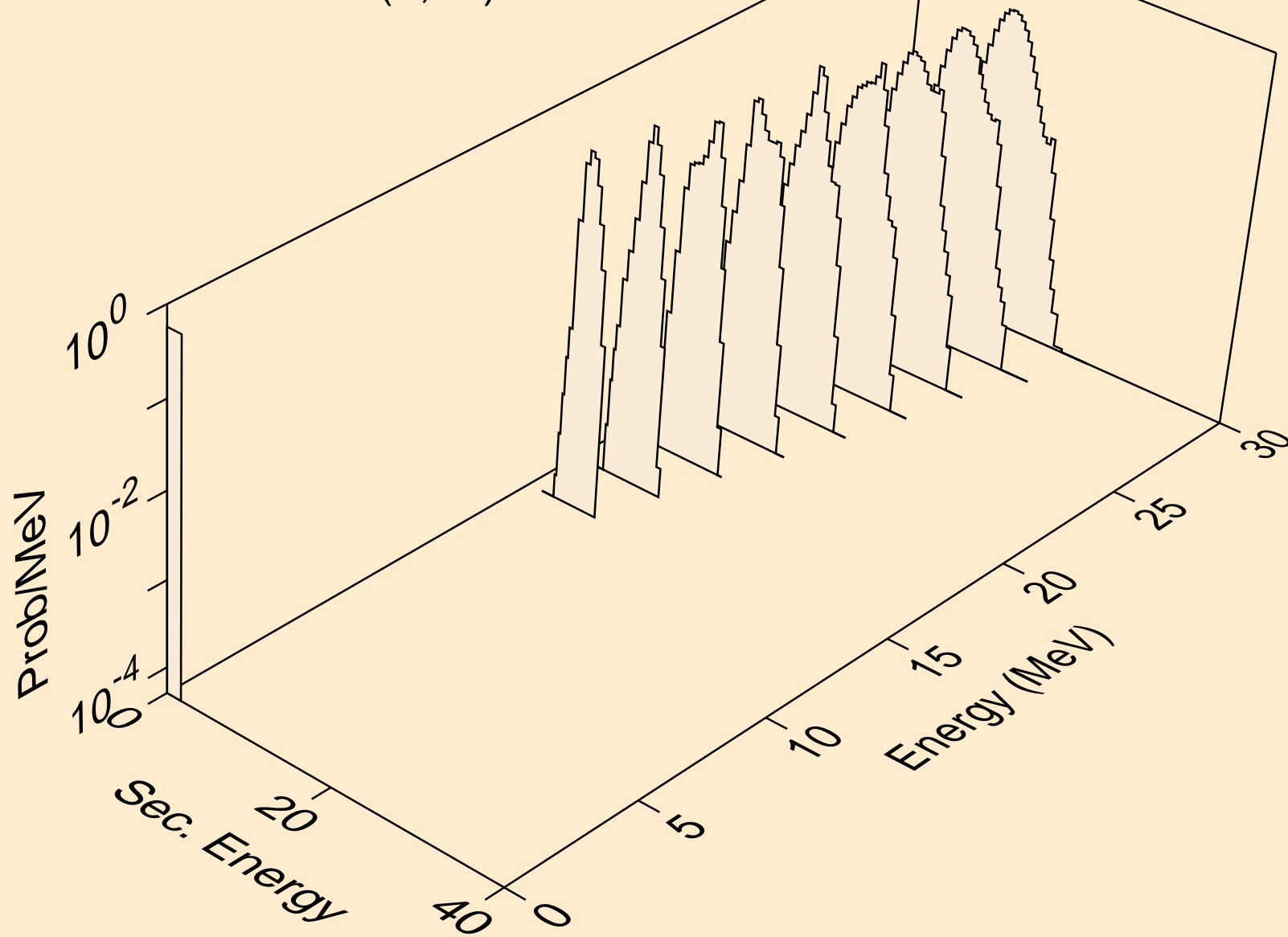


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

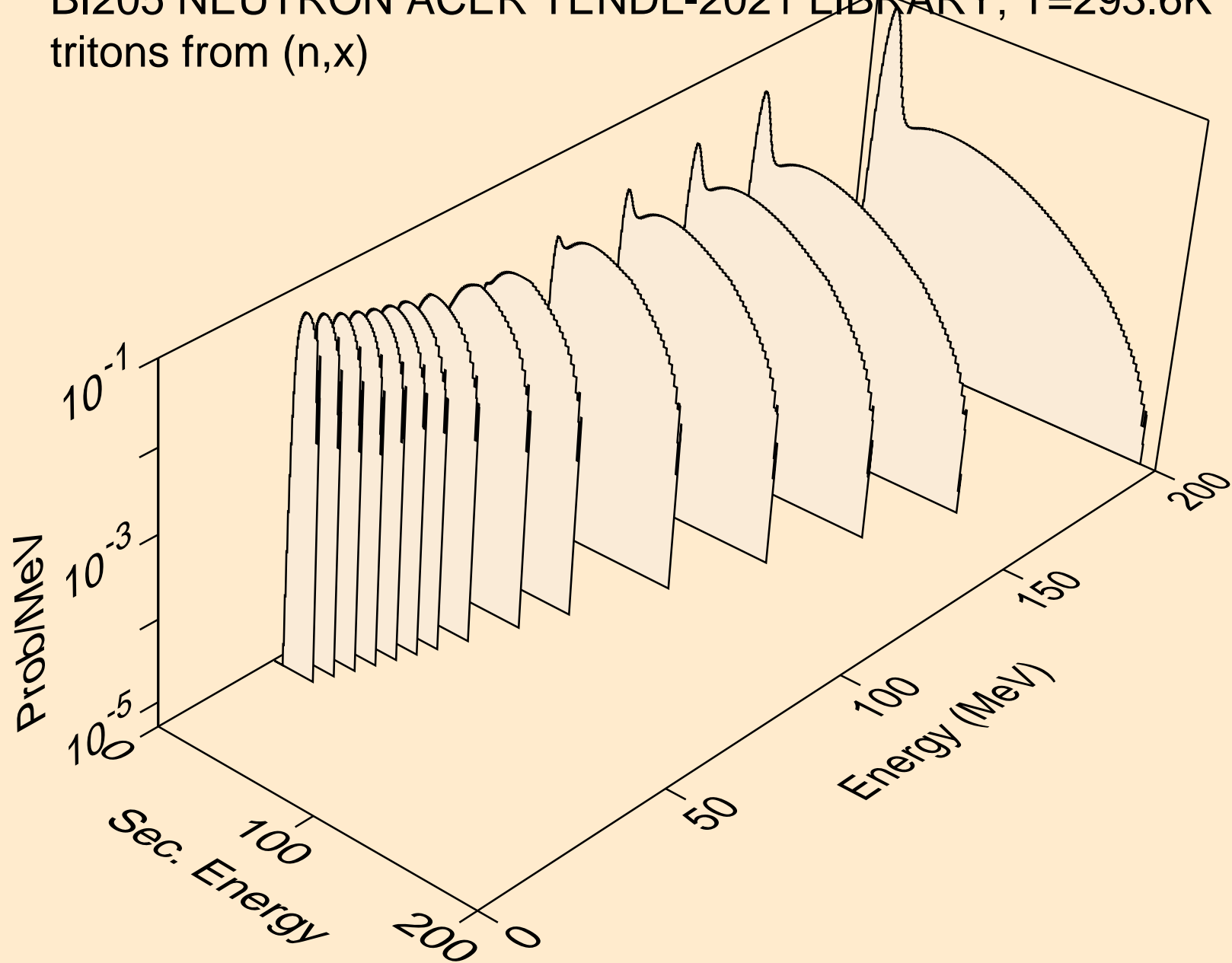




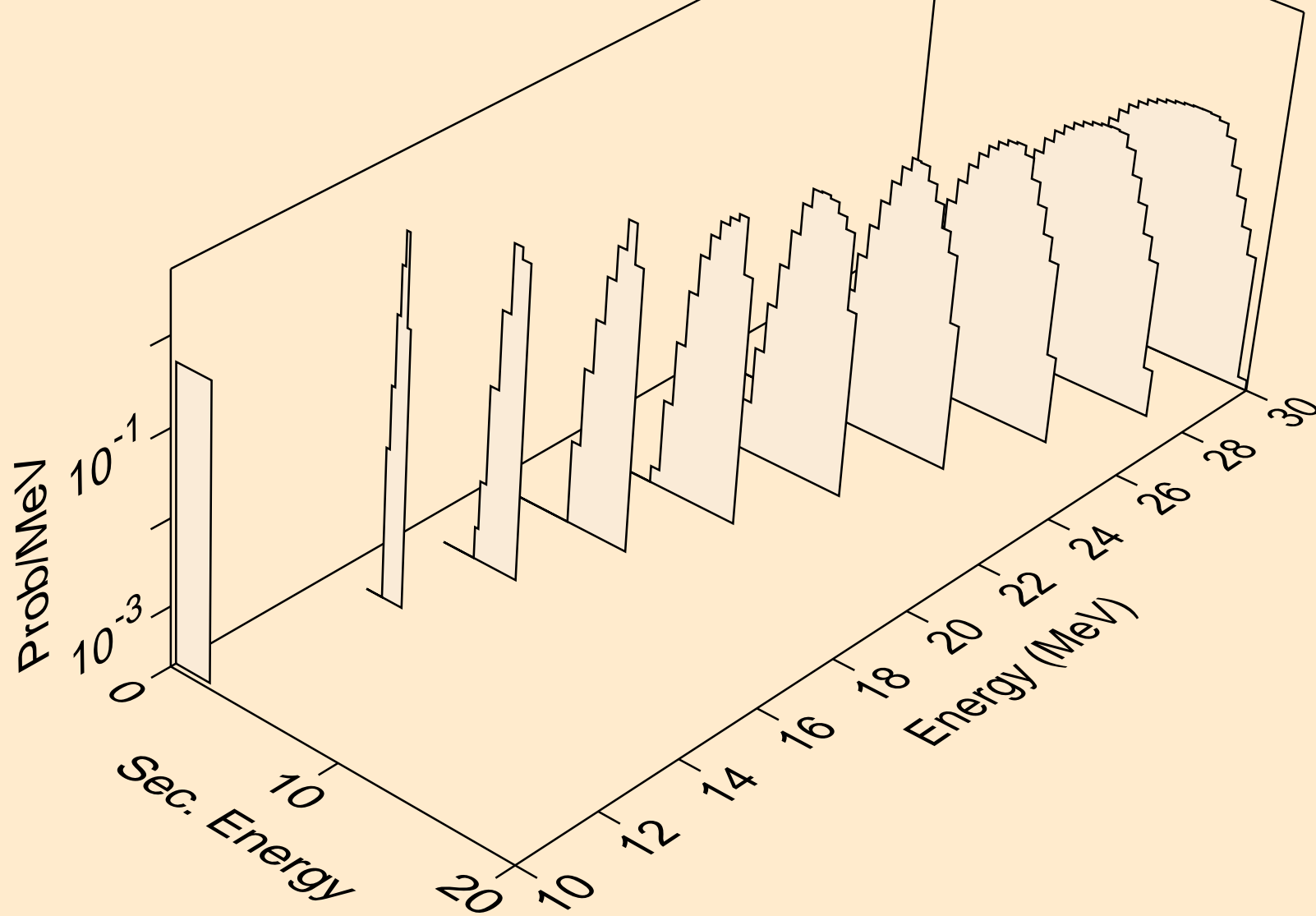
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deuterons from (n,da)



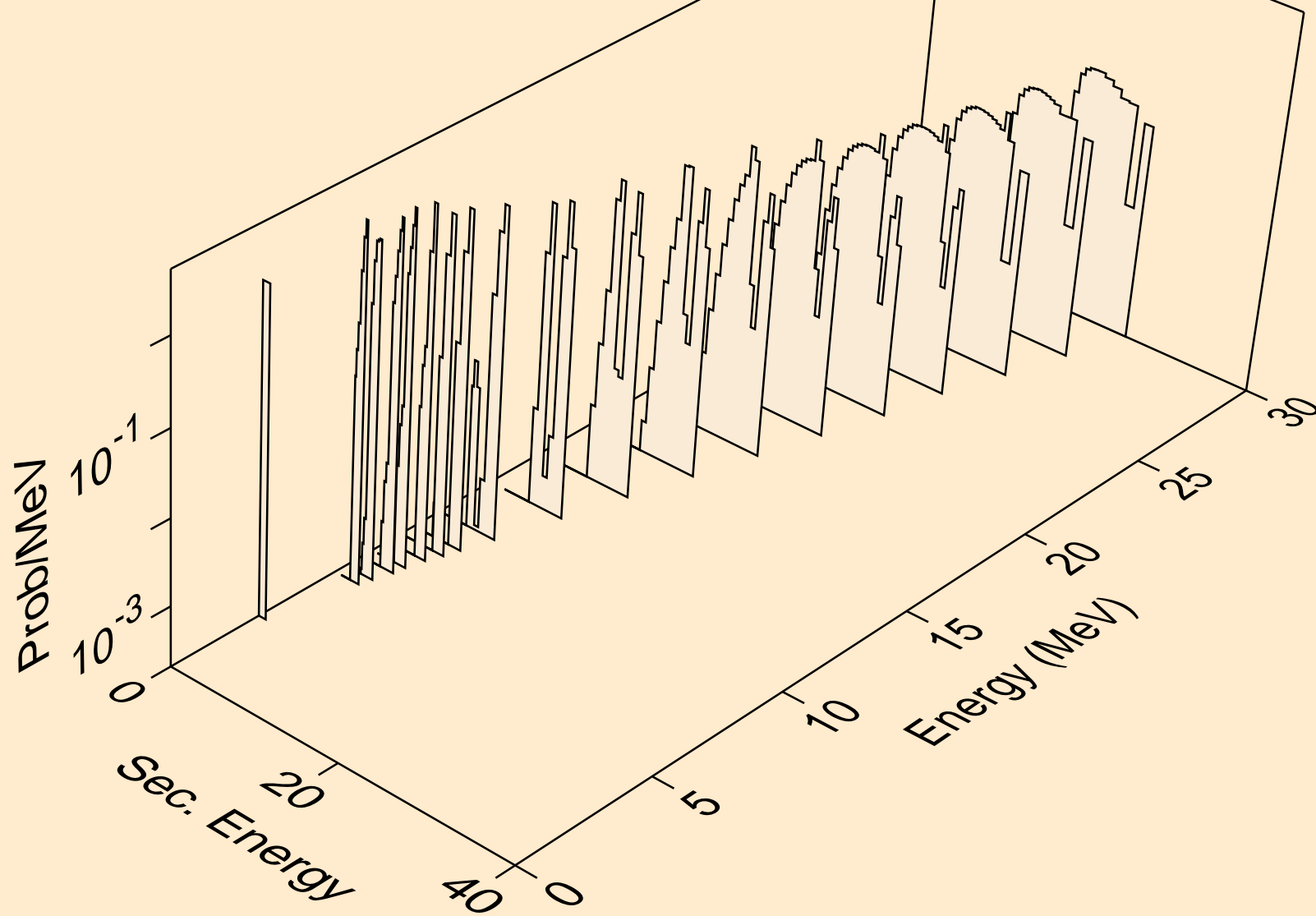
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tritons from (n,x)



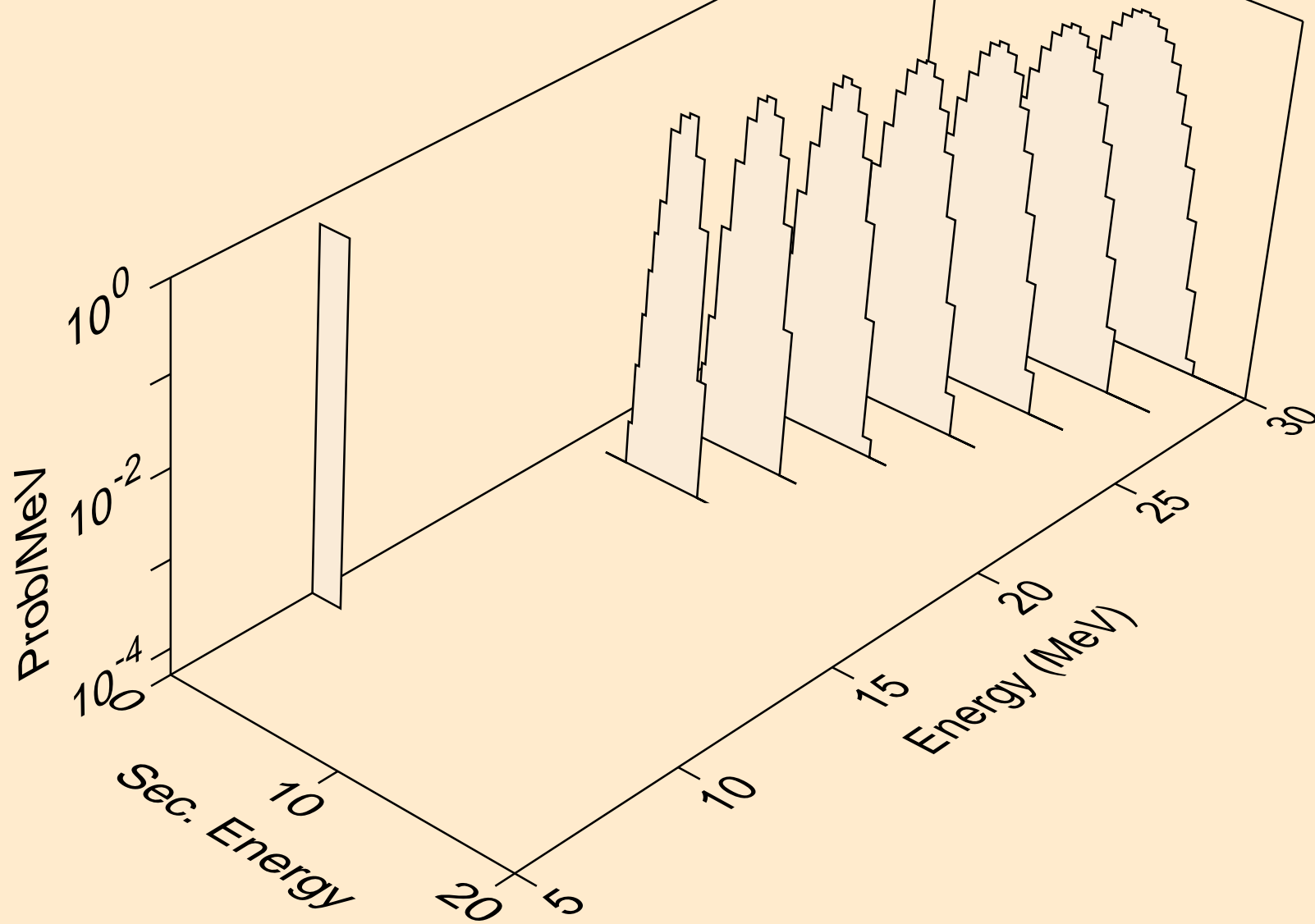
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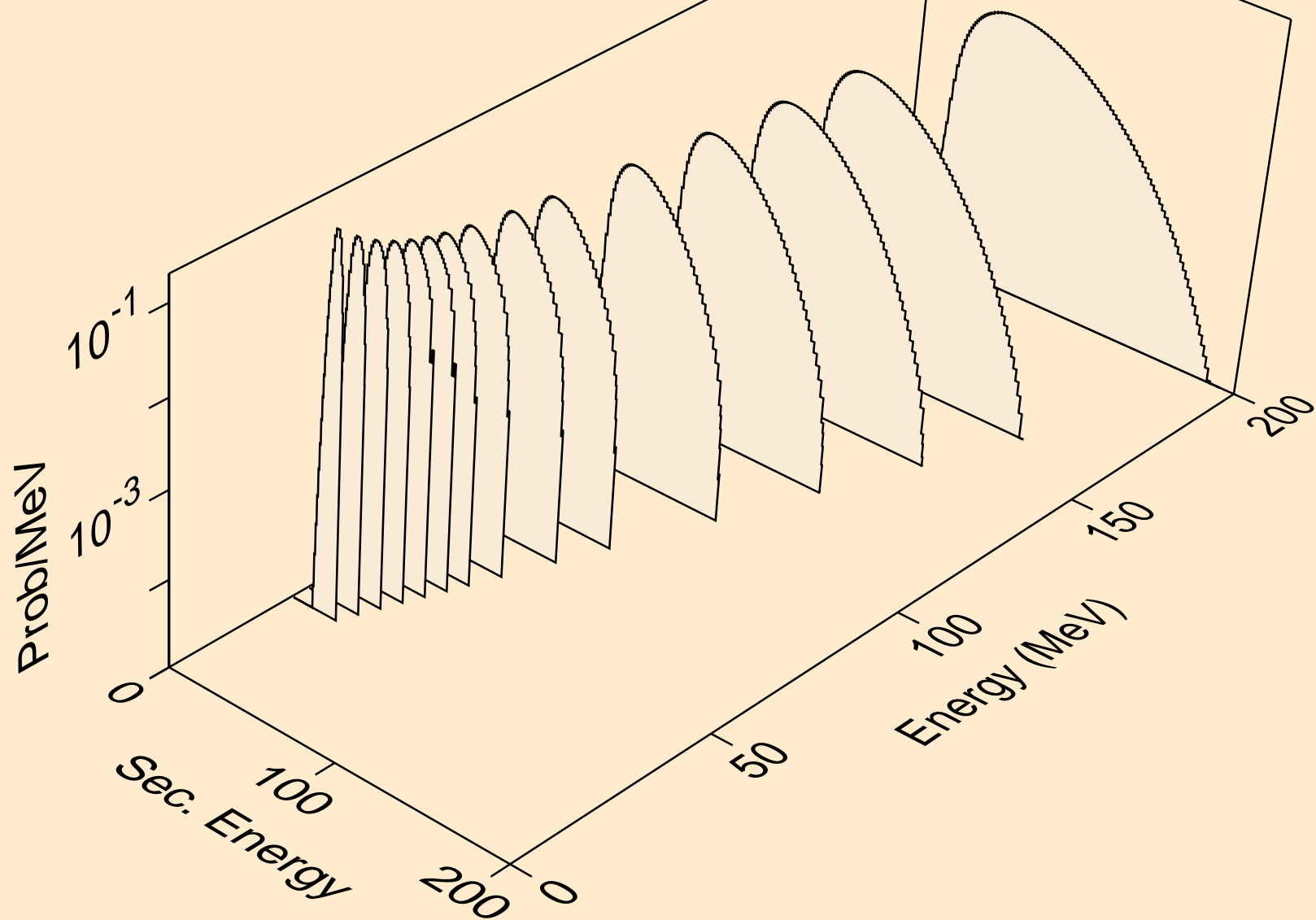
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tritons from (n,t)



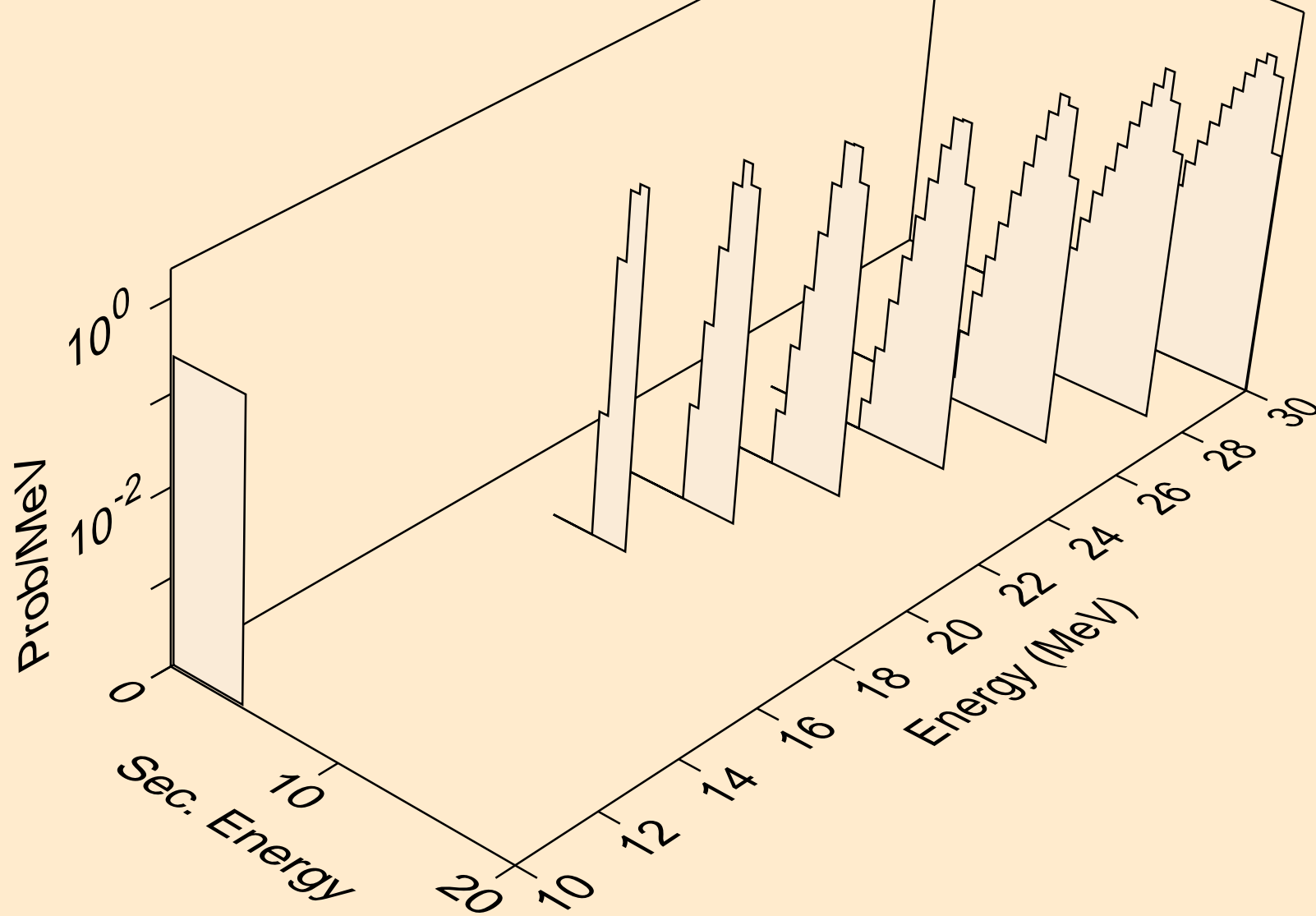
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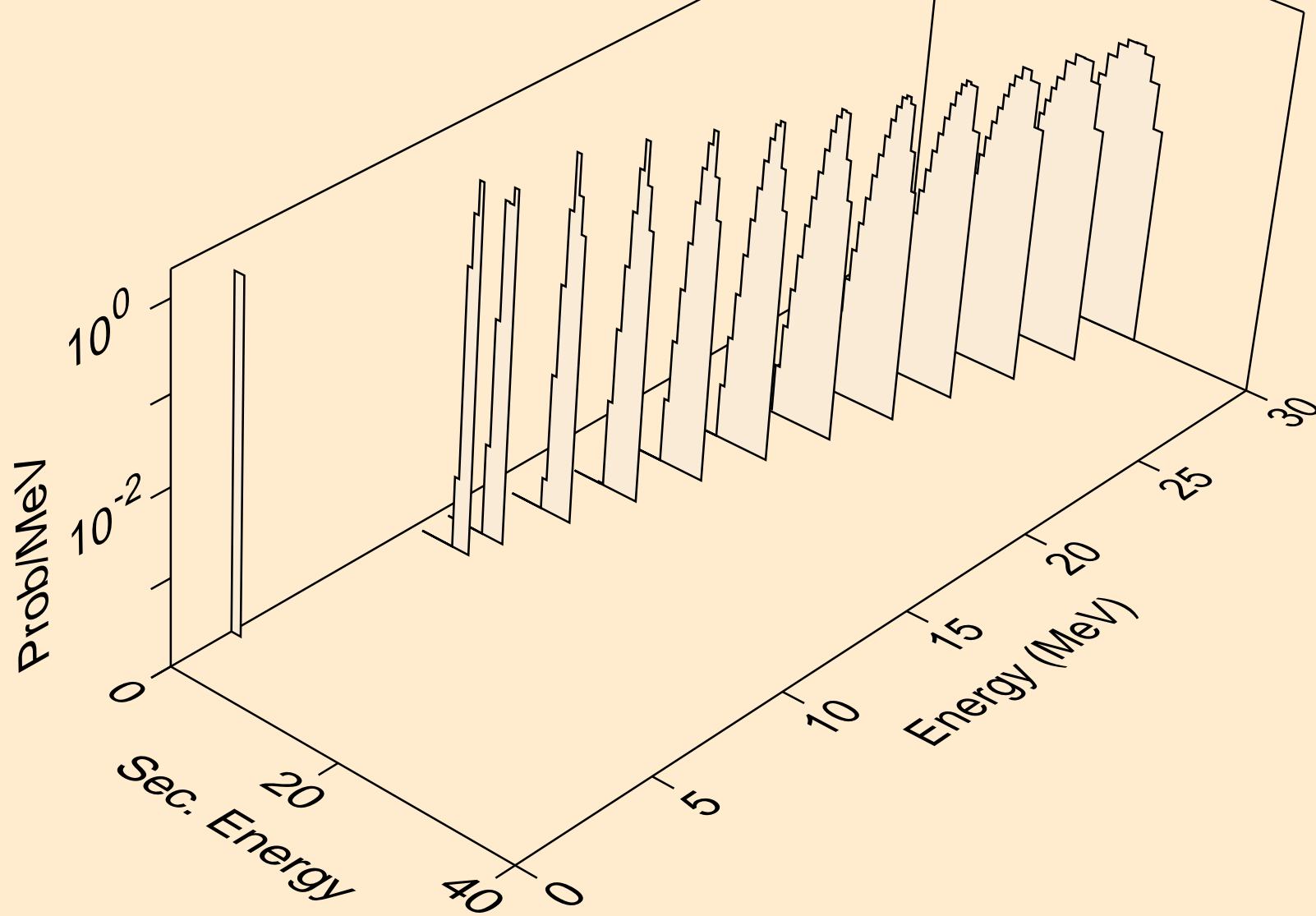
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

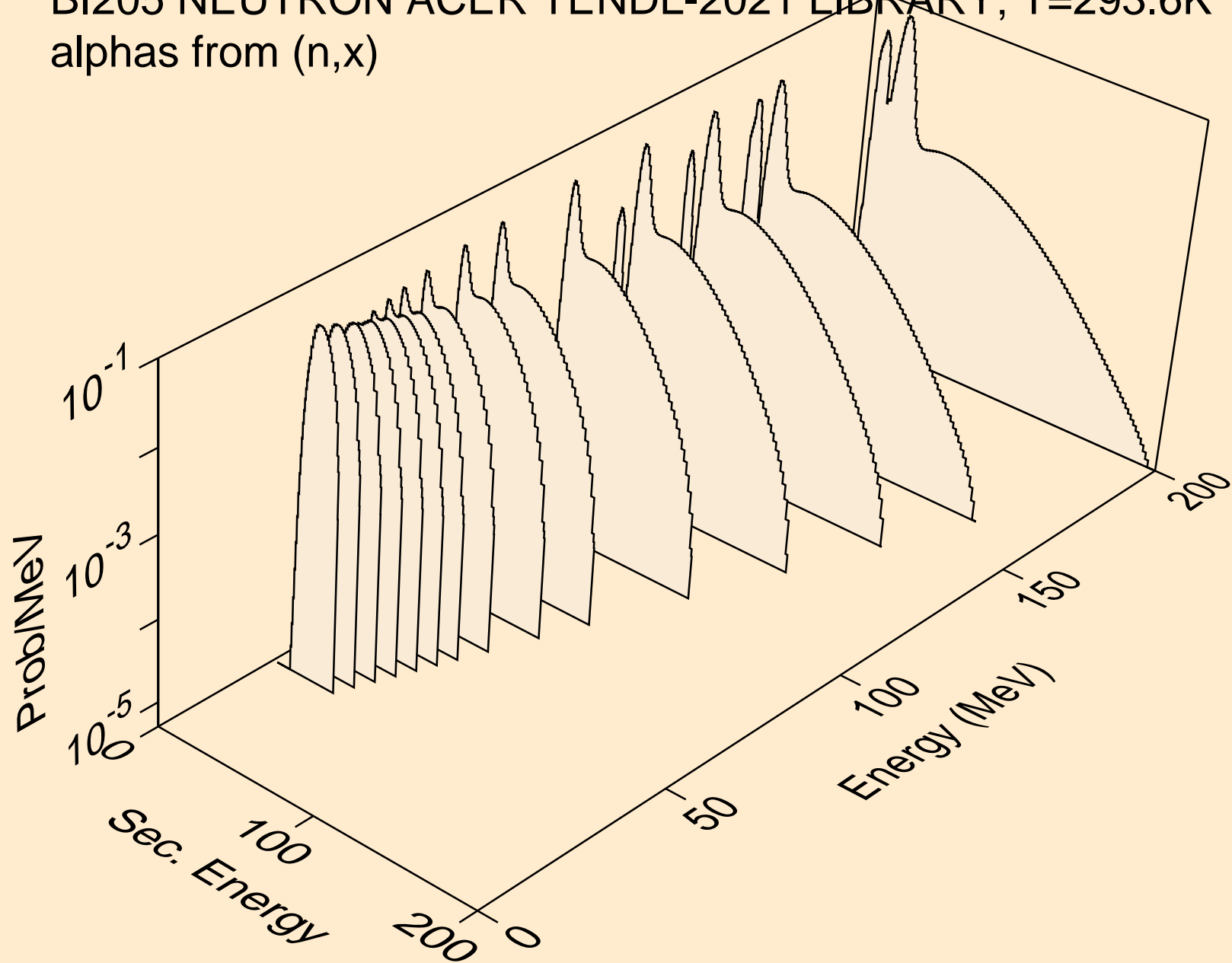


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

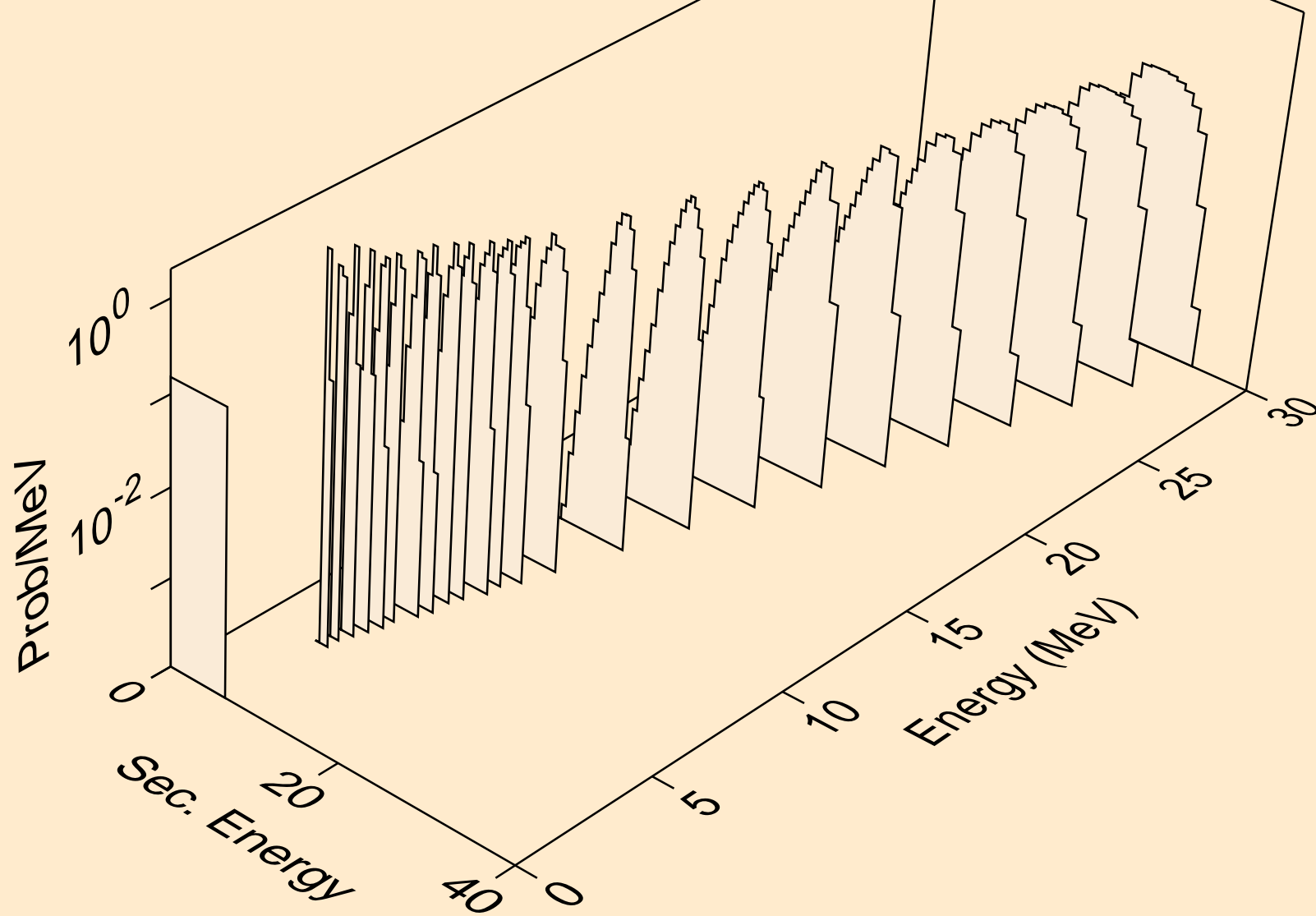




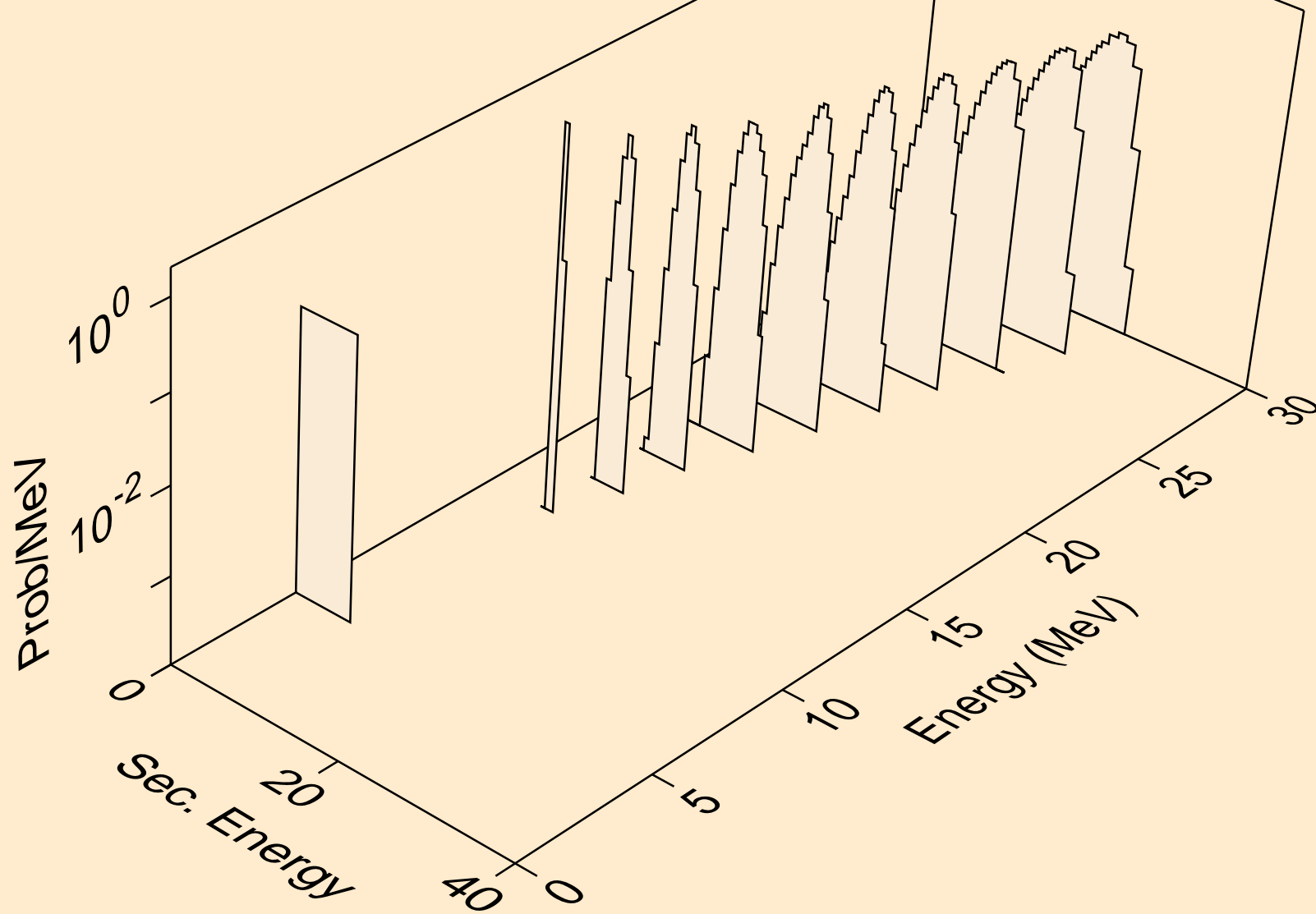
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



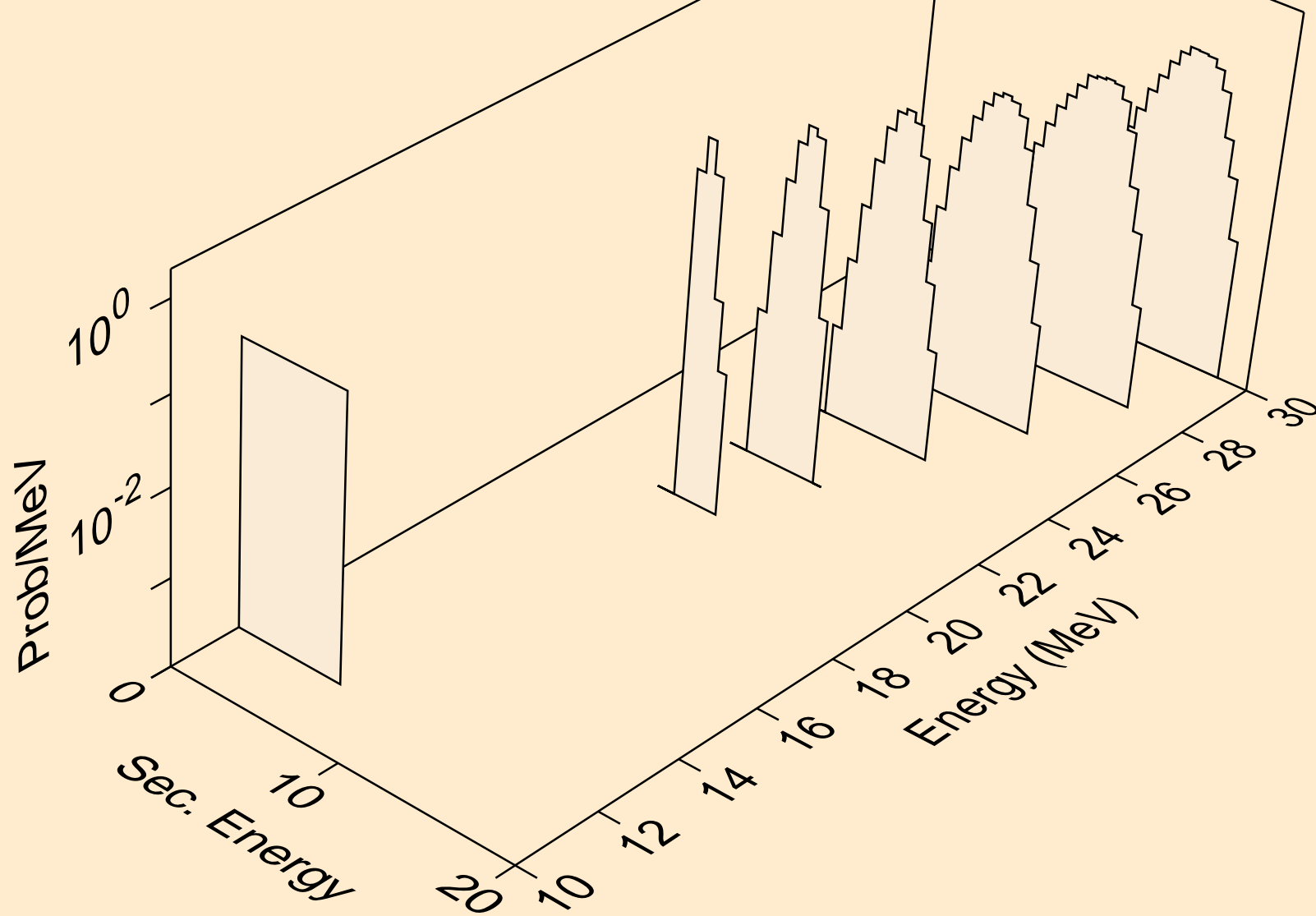
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



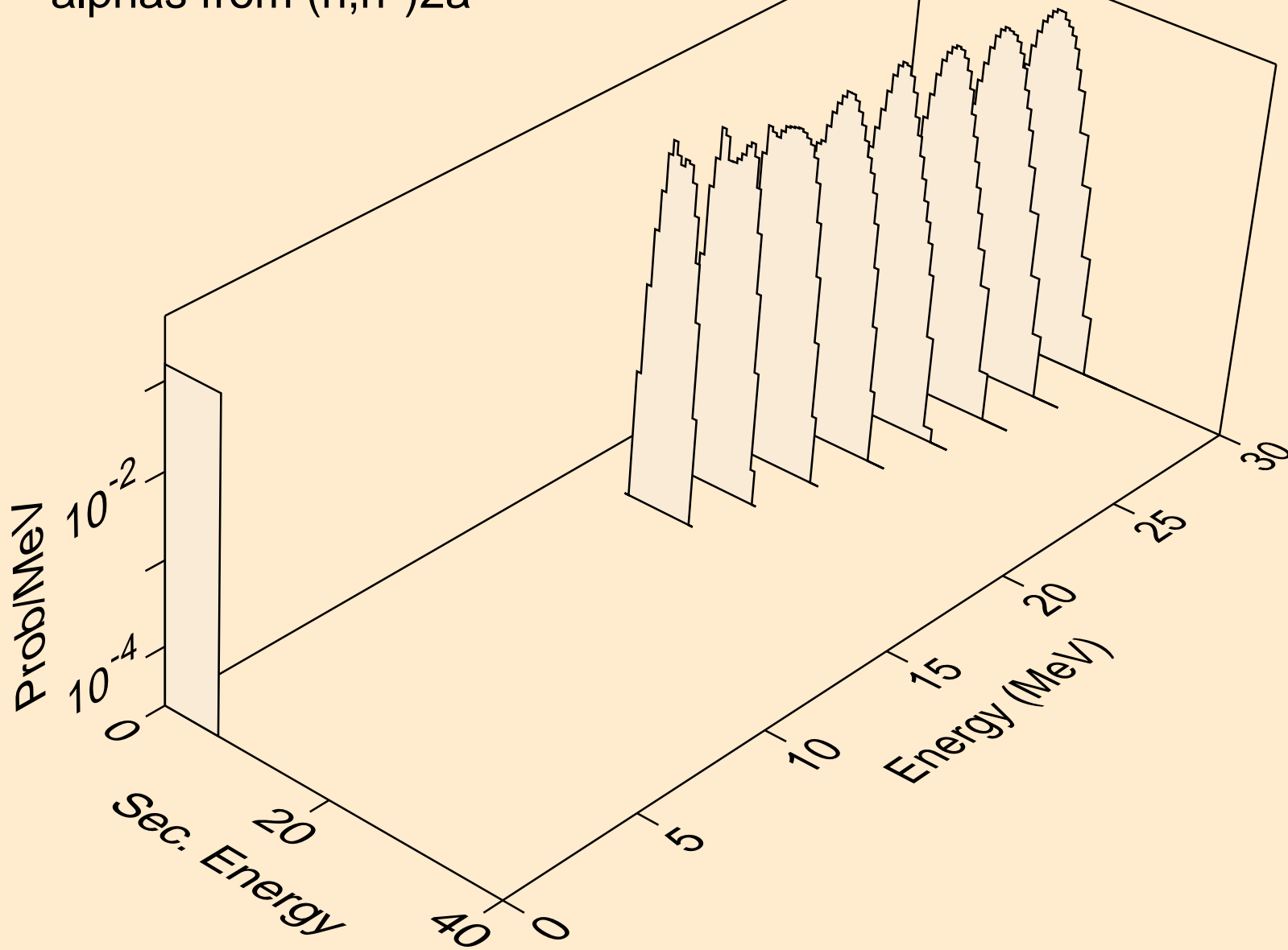
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



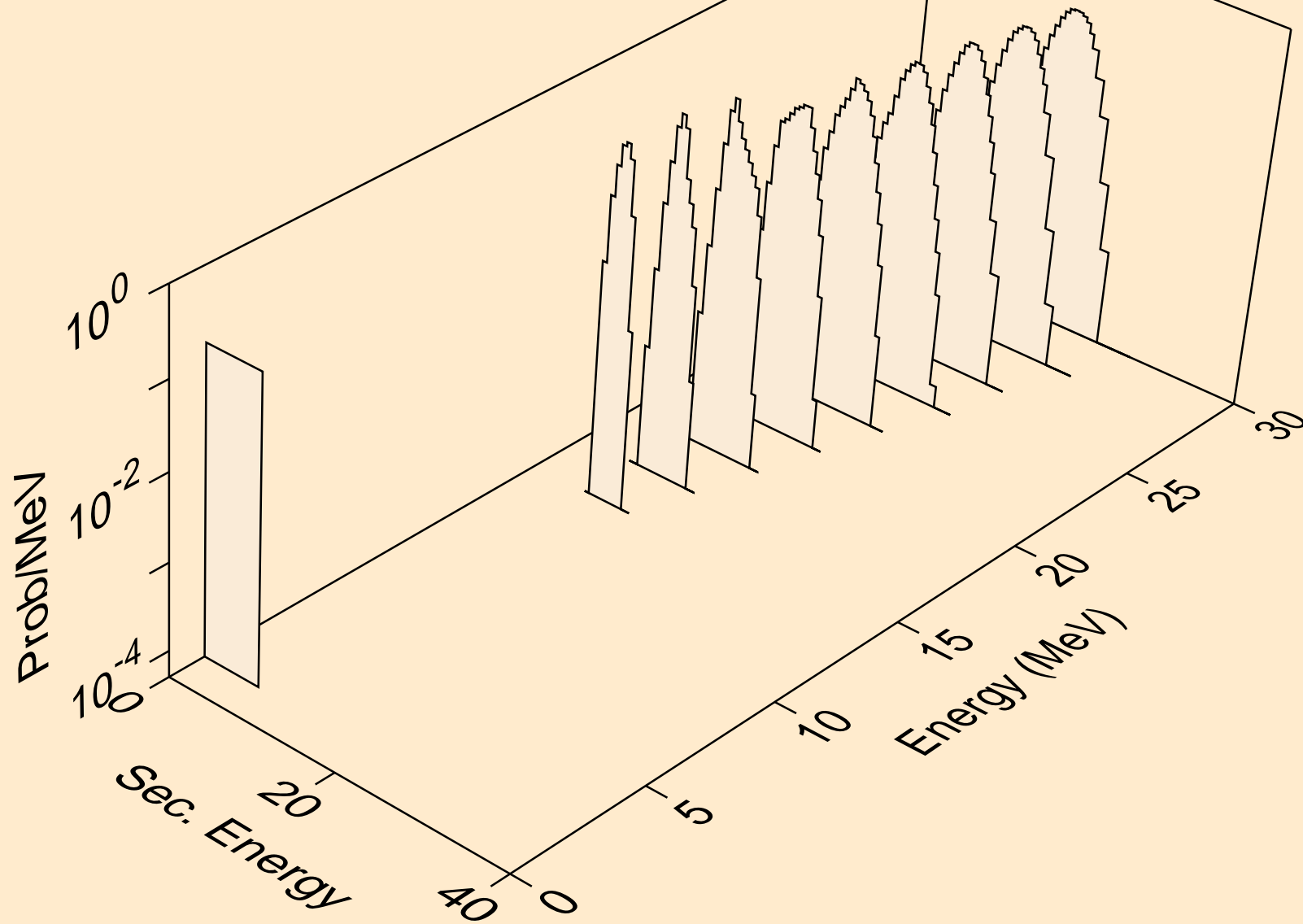
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



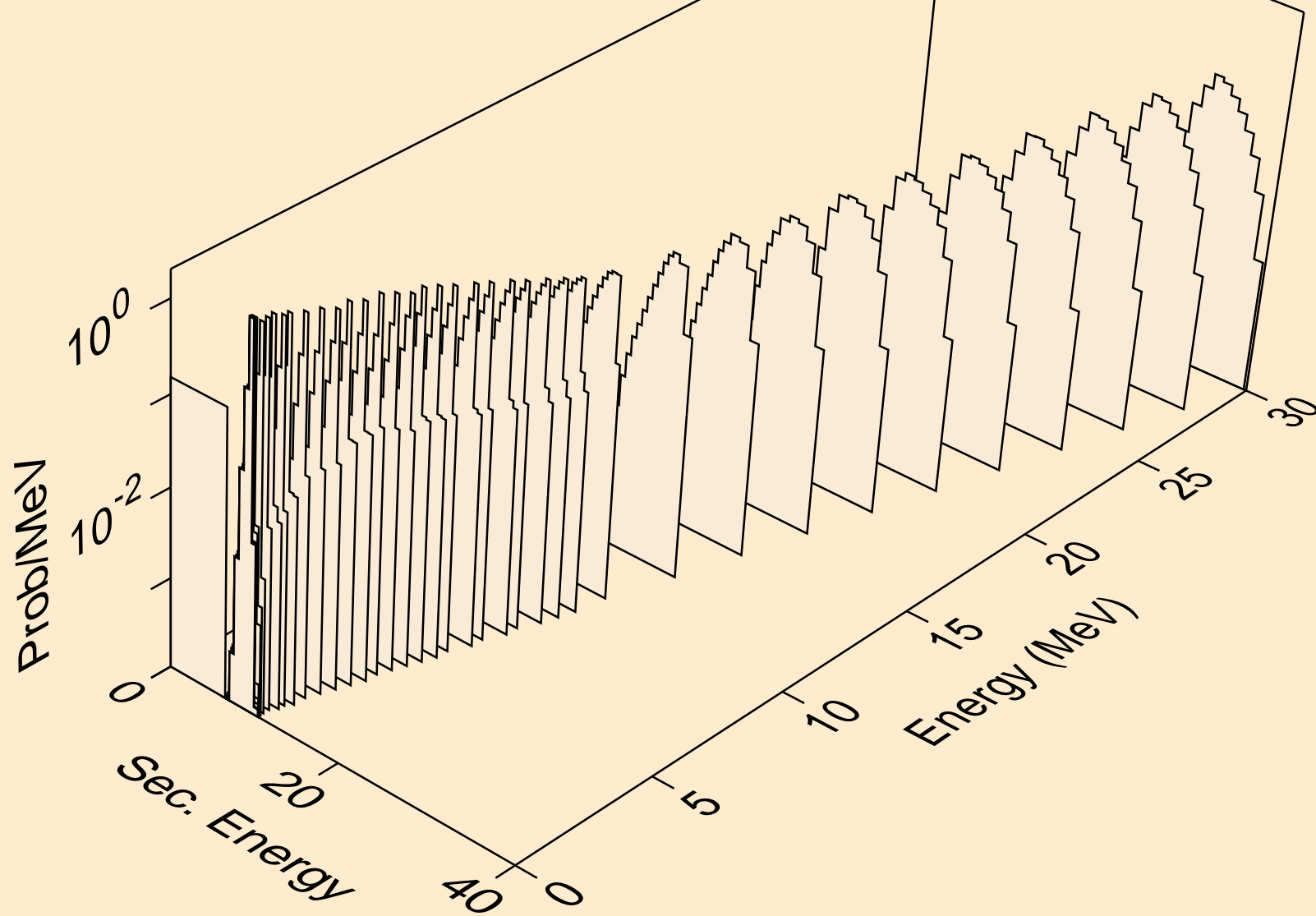
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



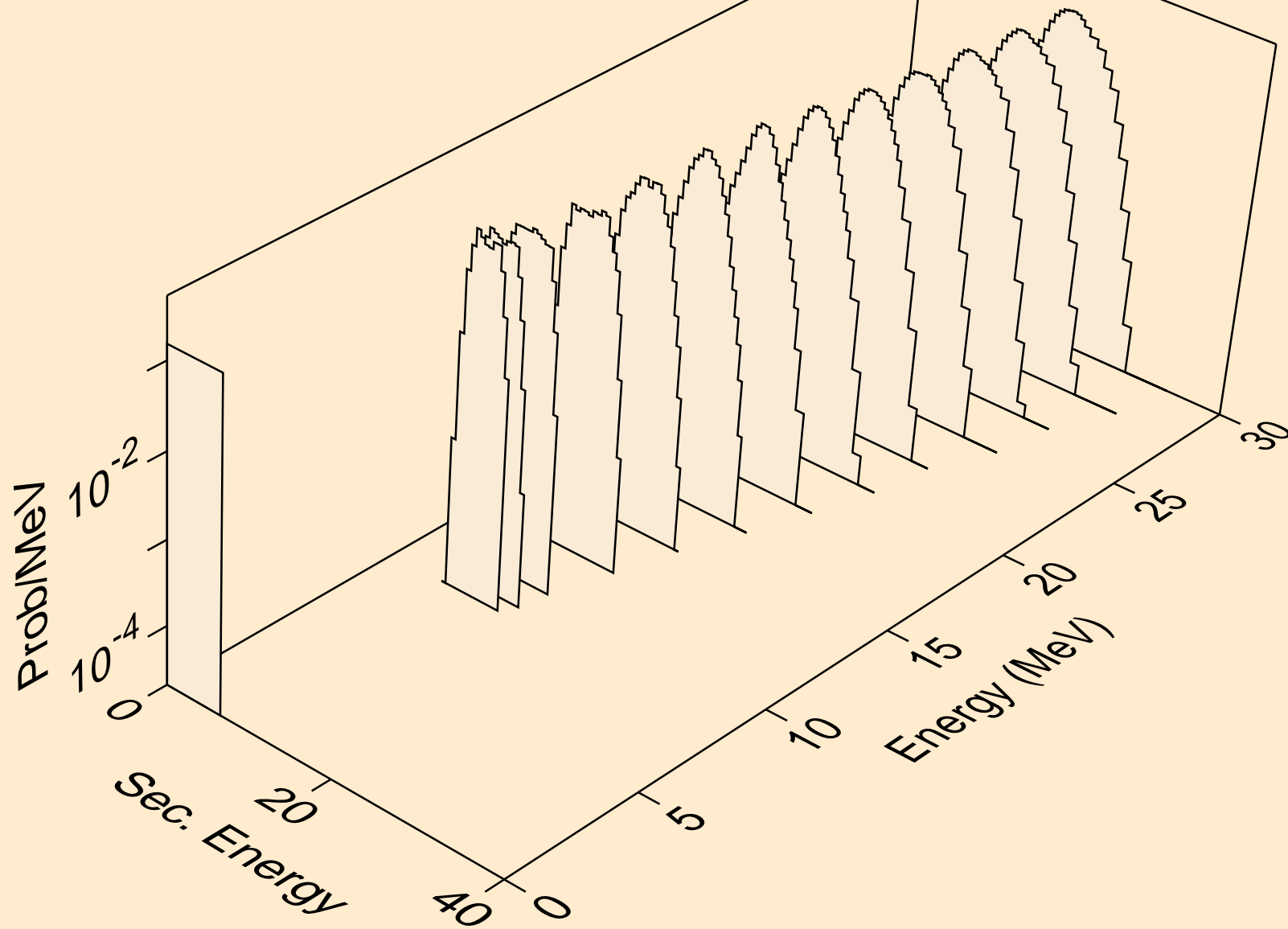
BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

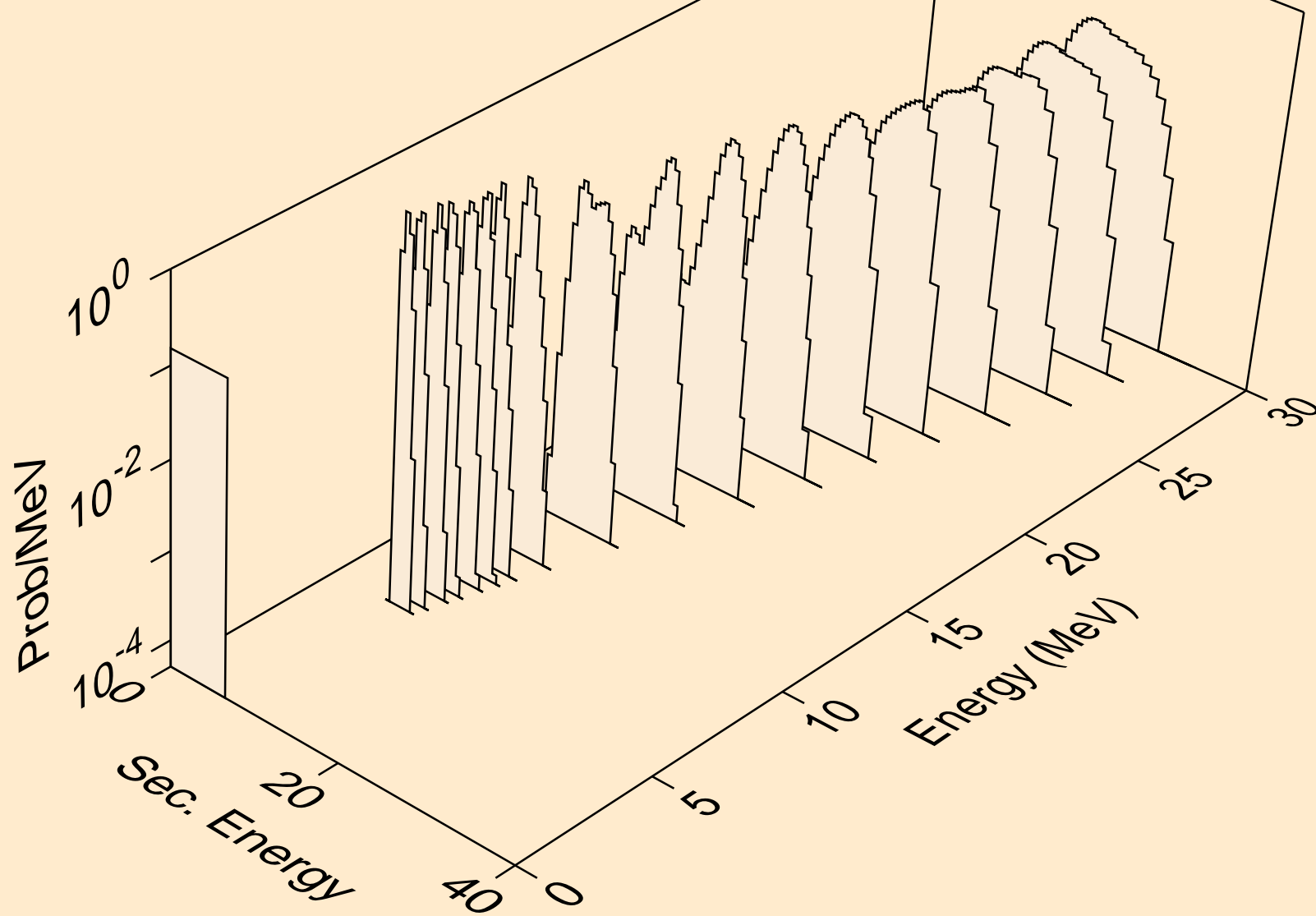


BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)





BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



BI205 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

