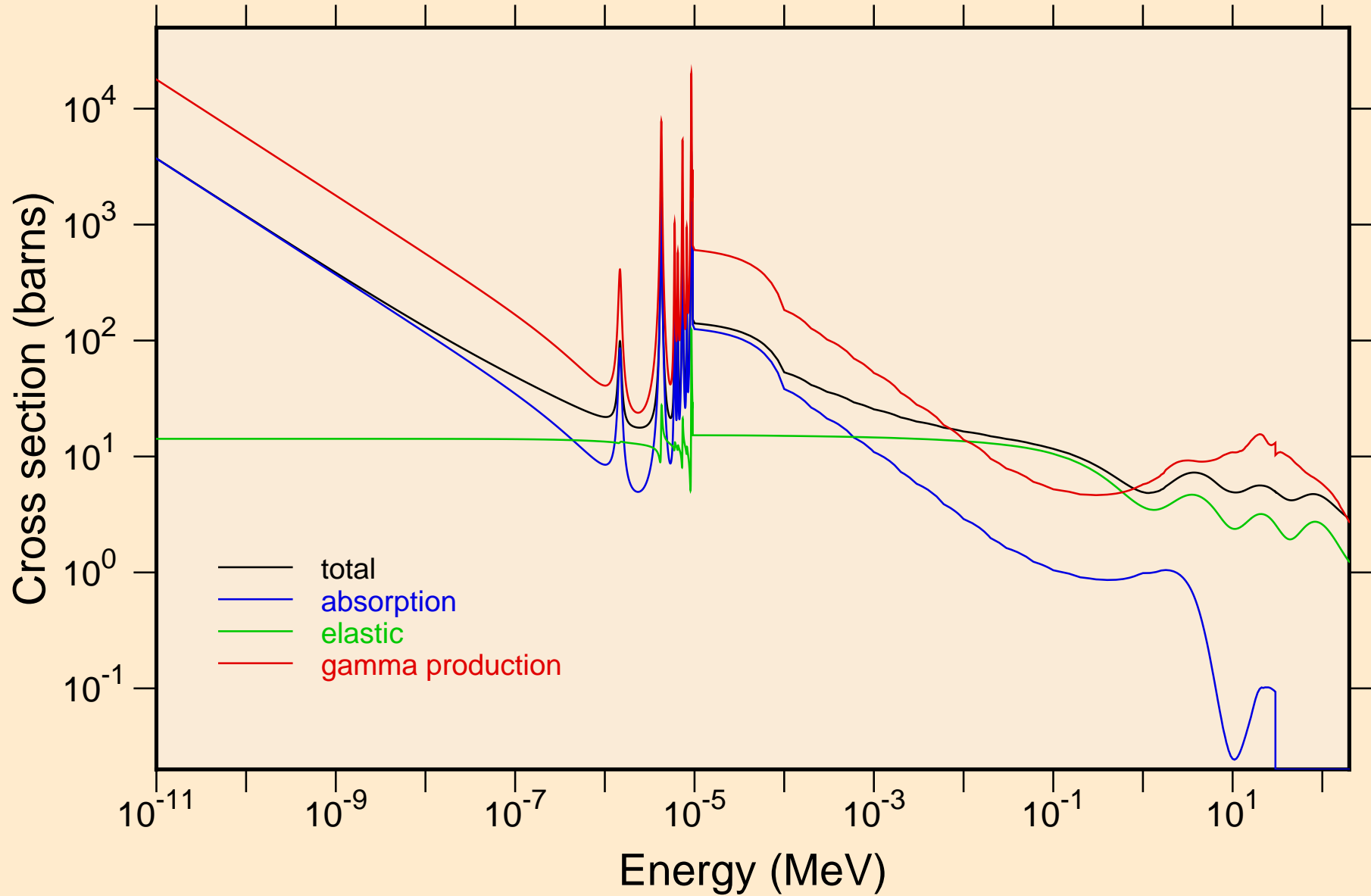
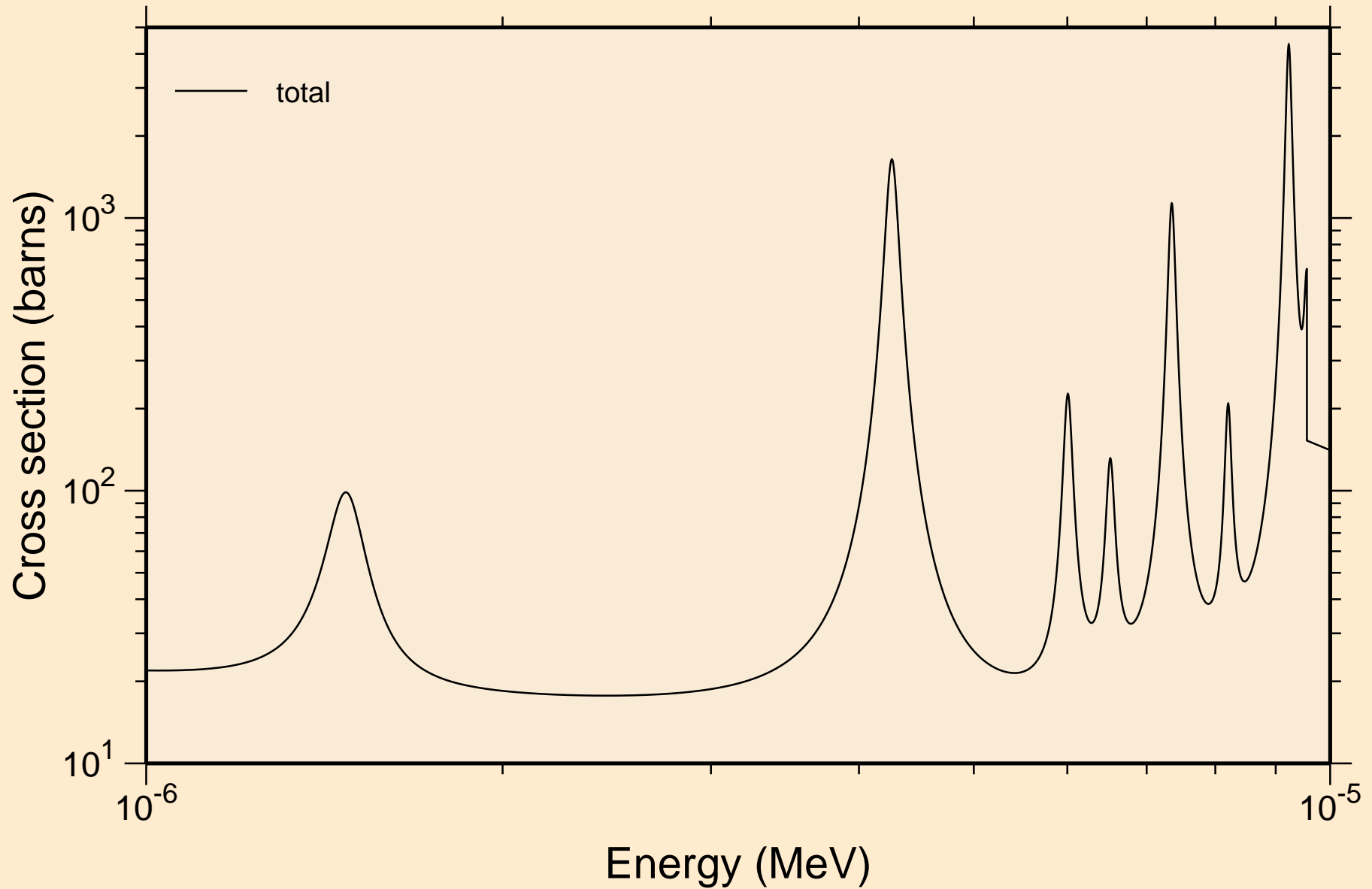


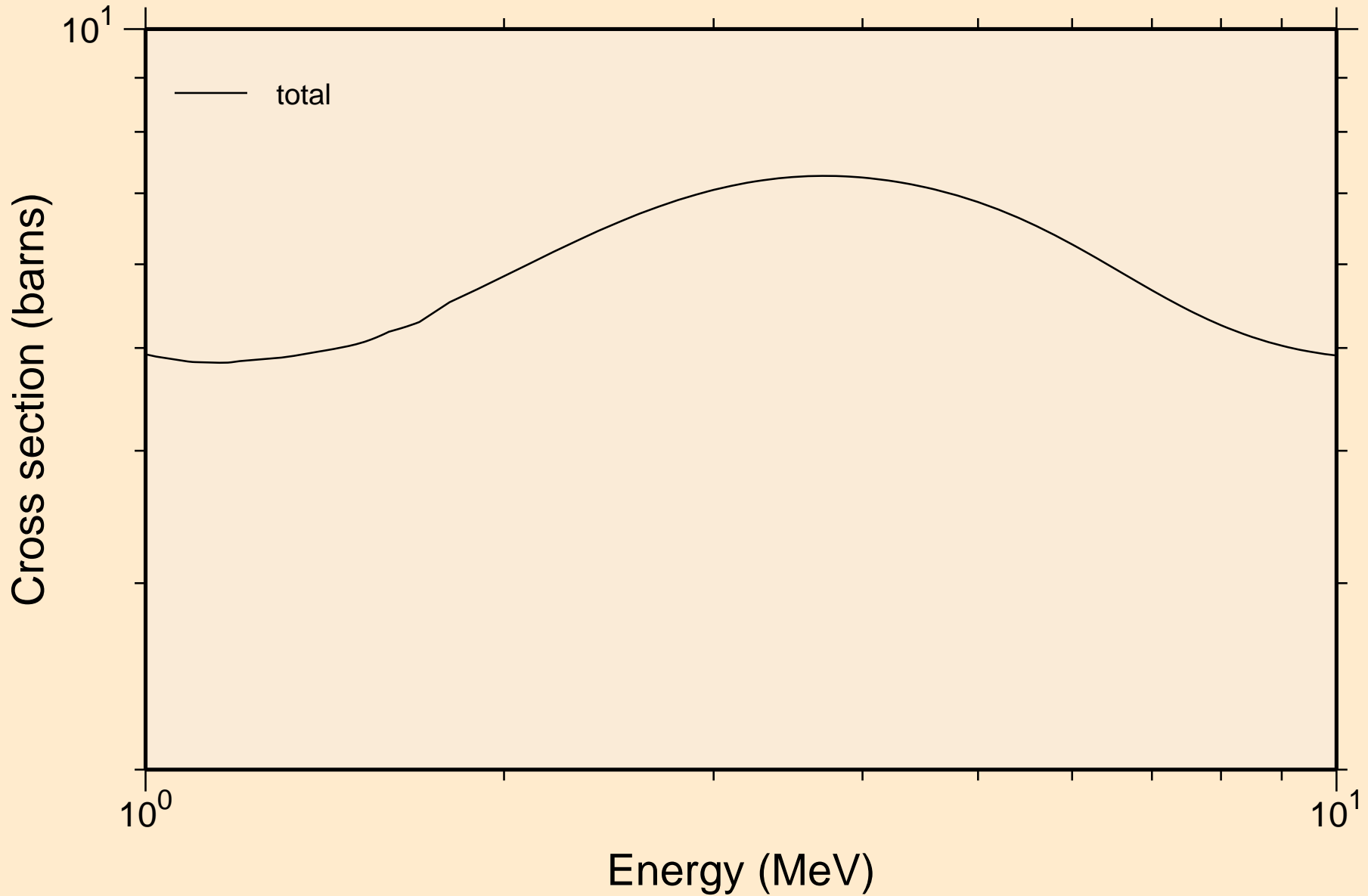
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



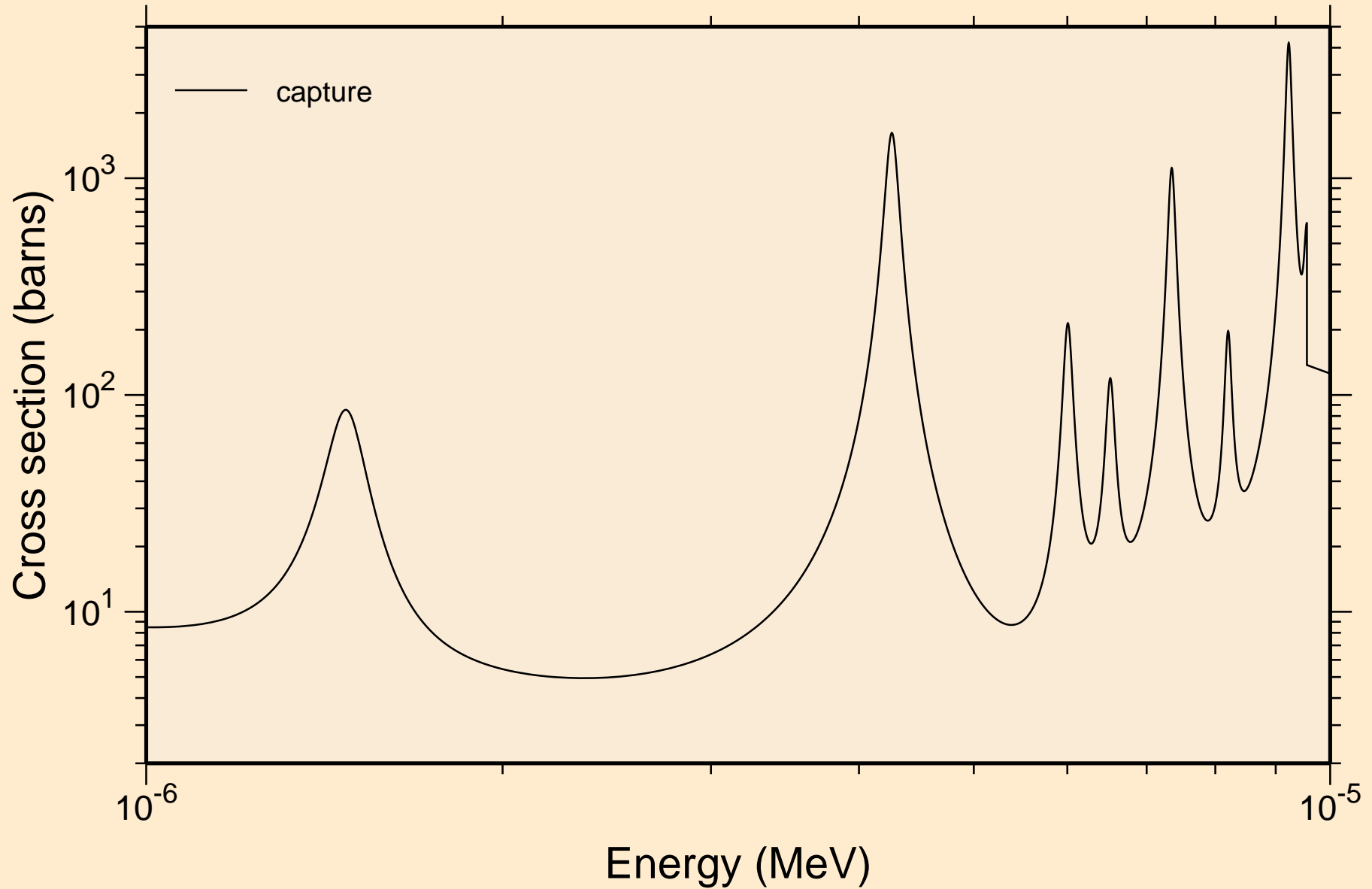
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



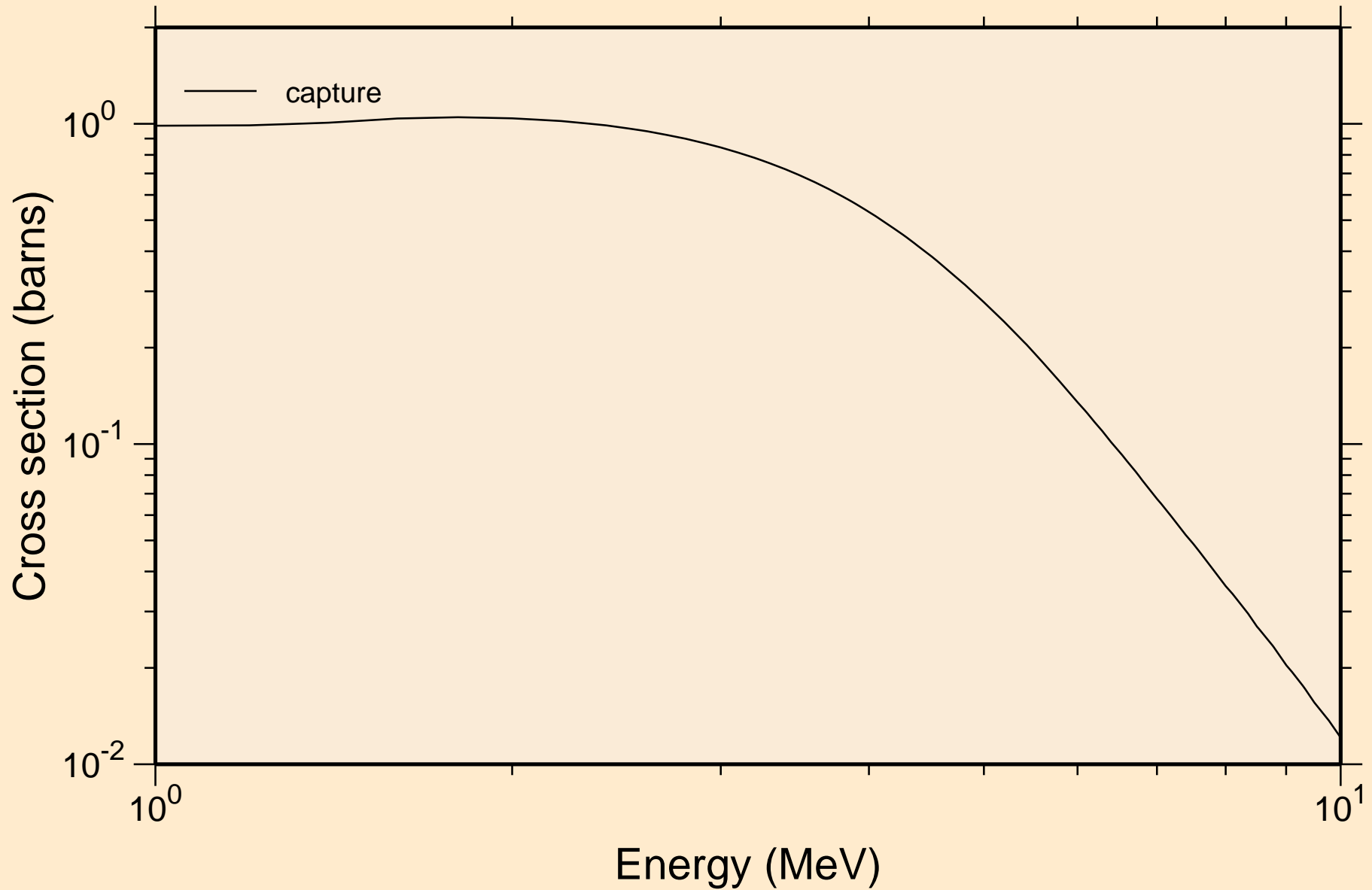
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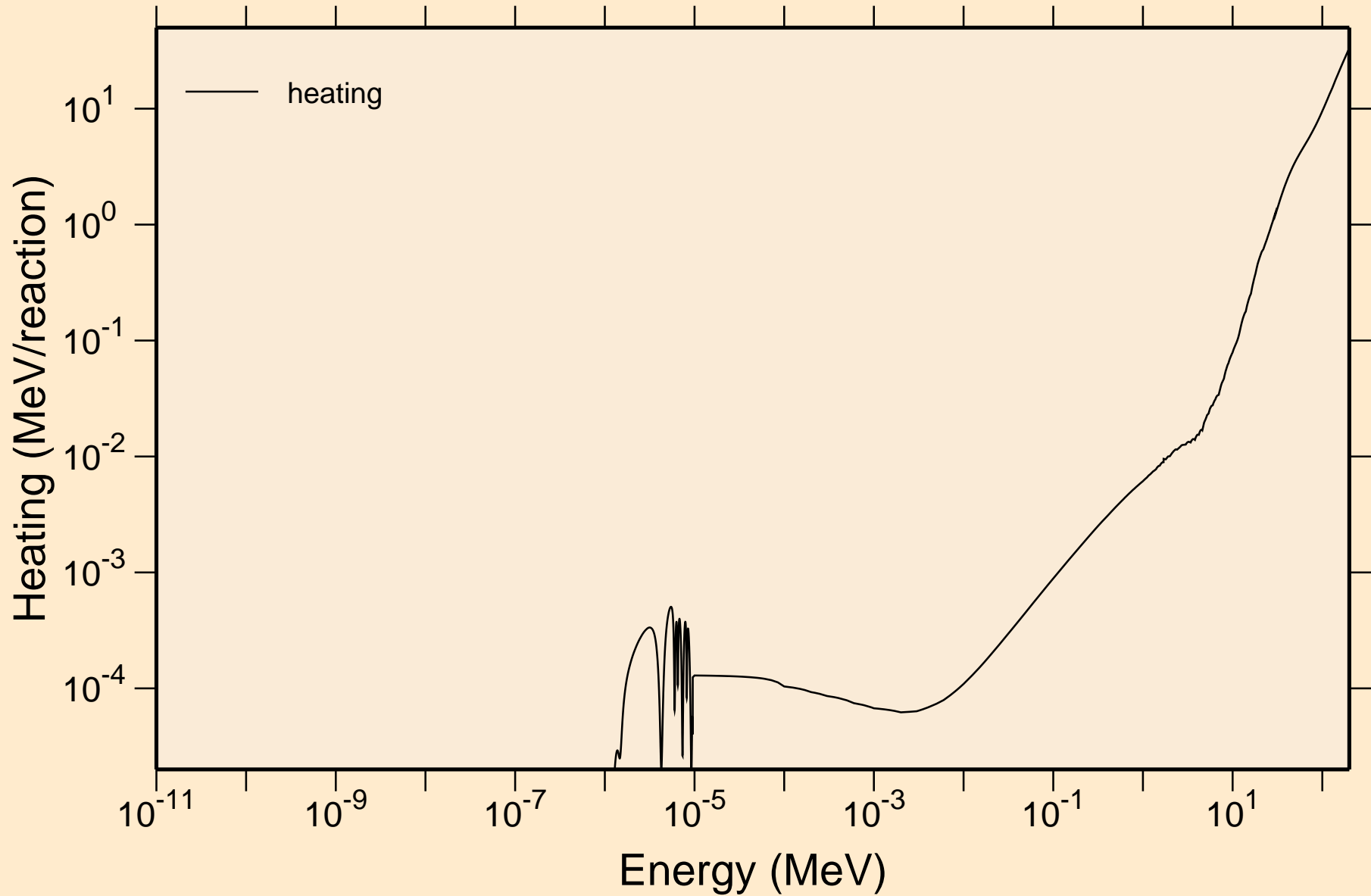
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resonance absorption cross sections



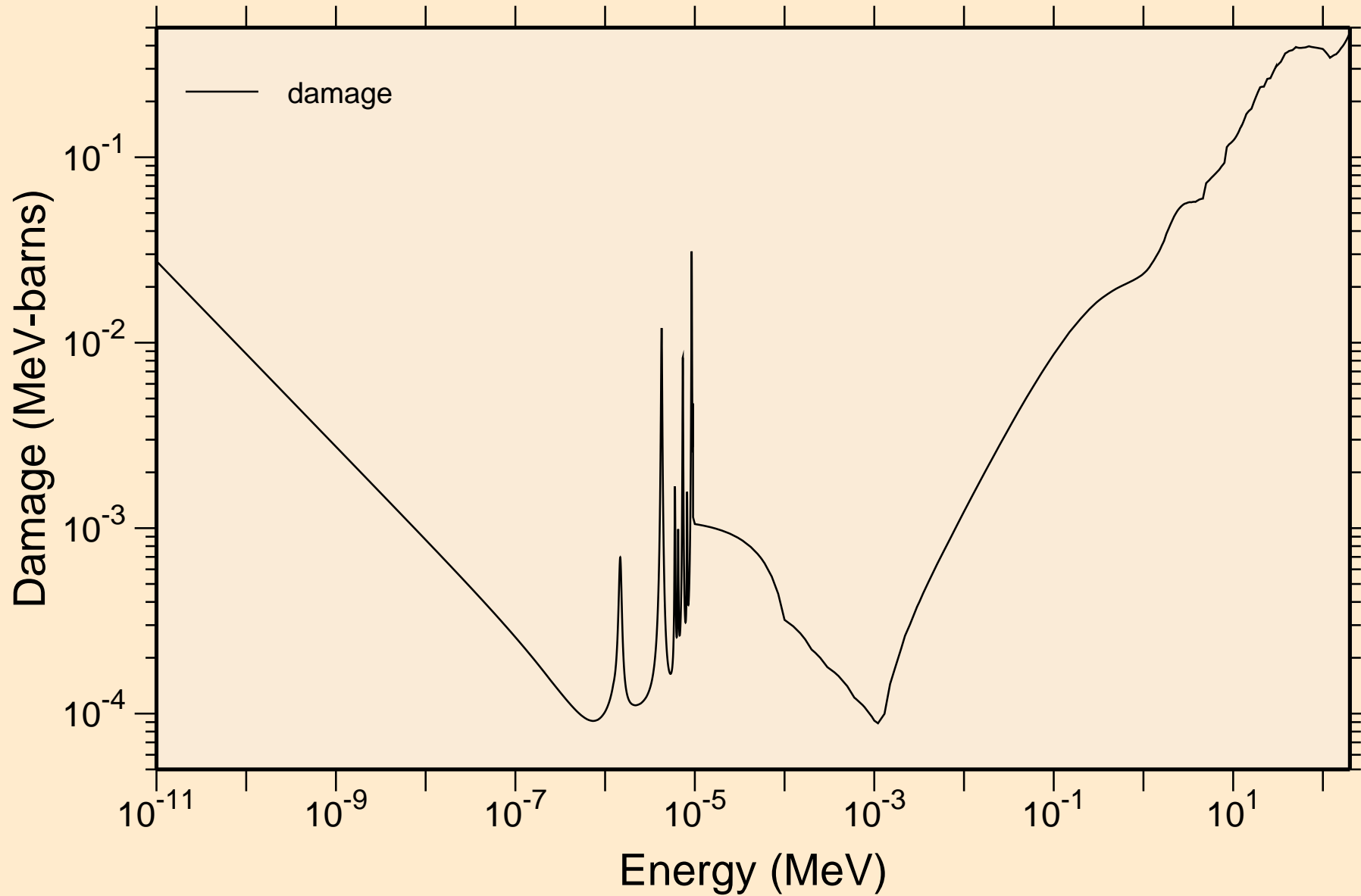
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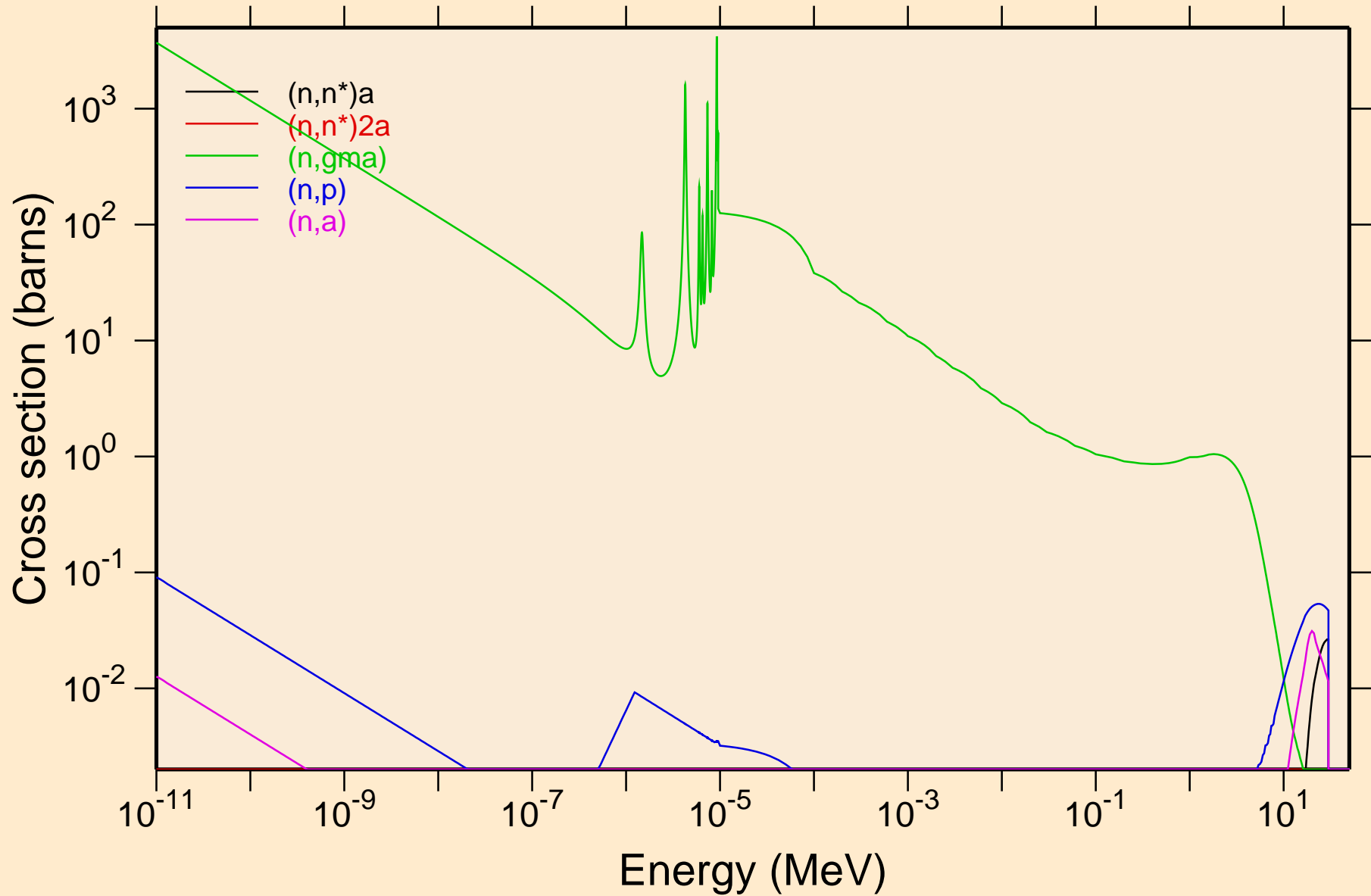
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

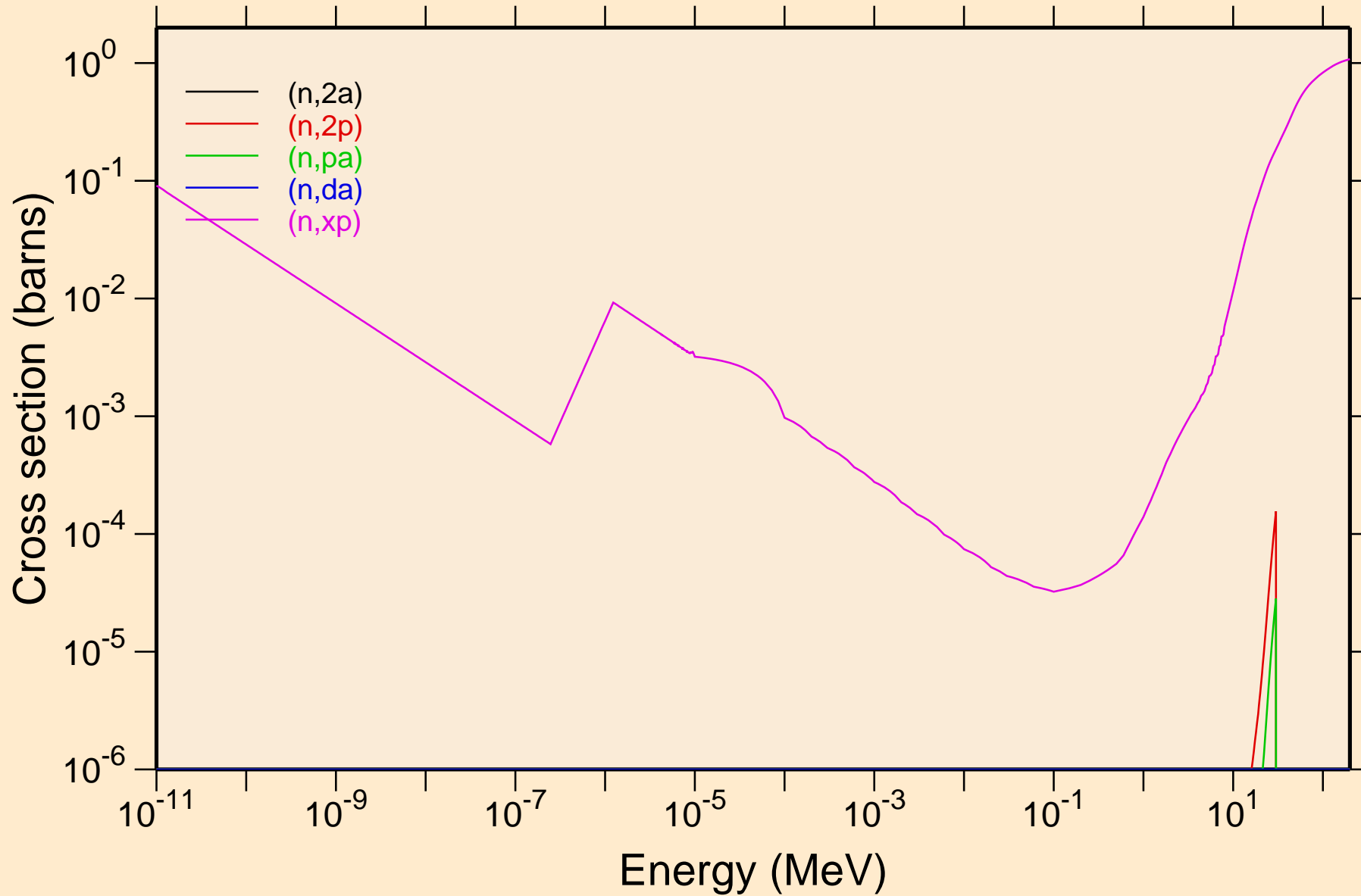


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

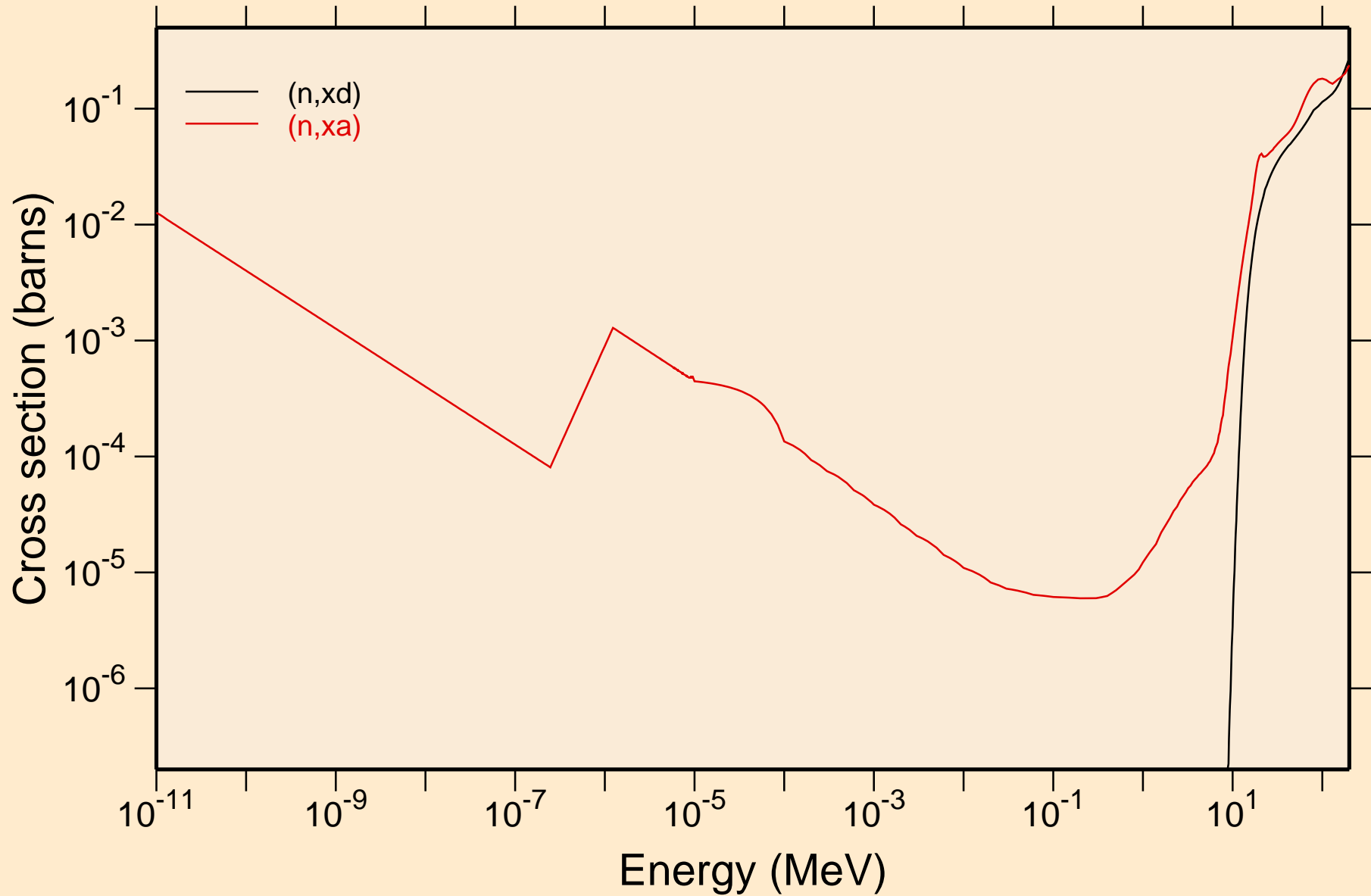




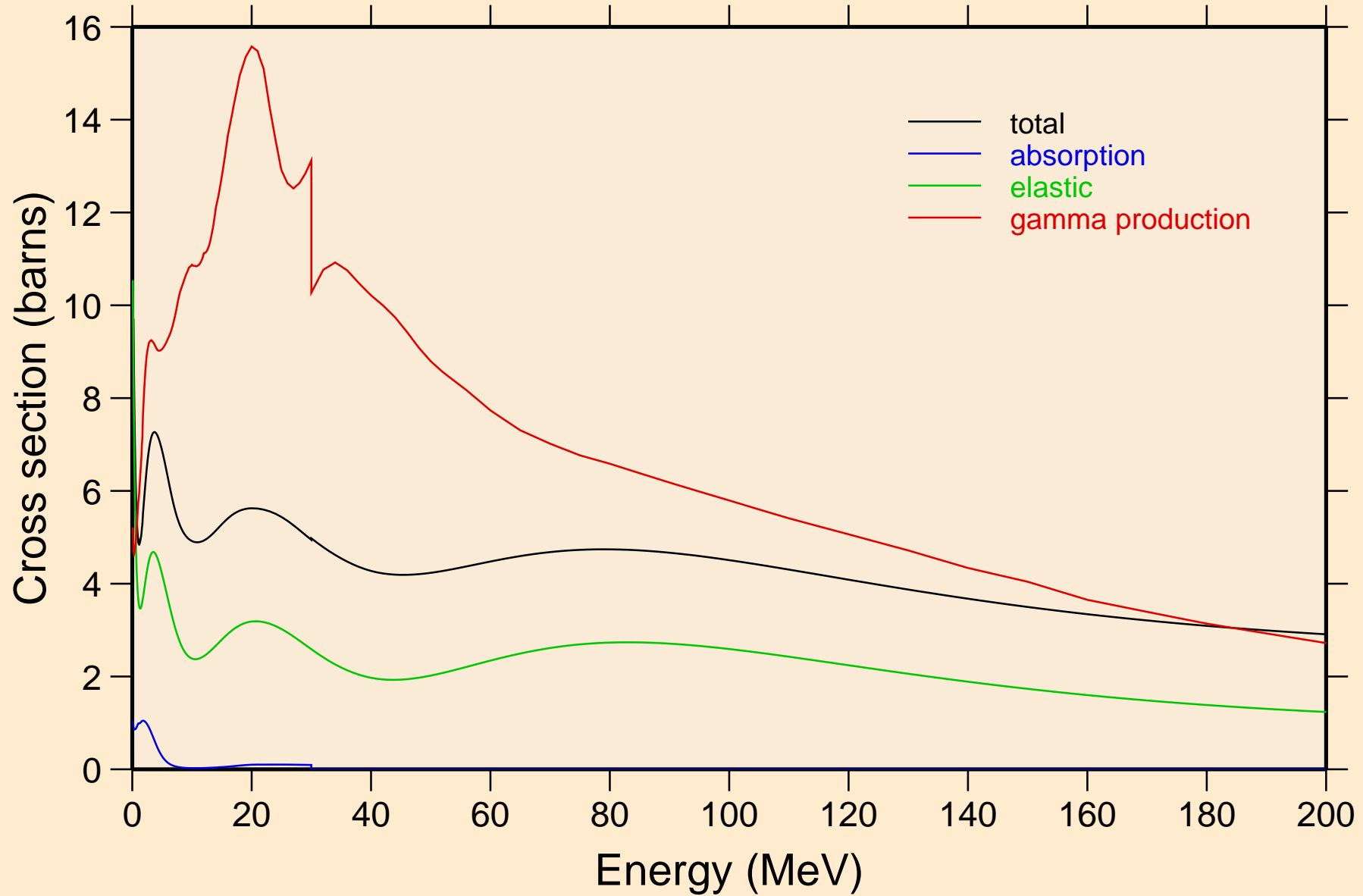
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

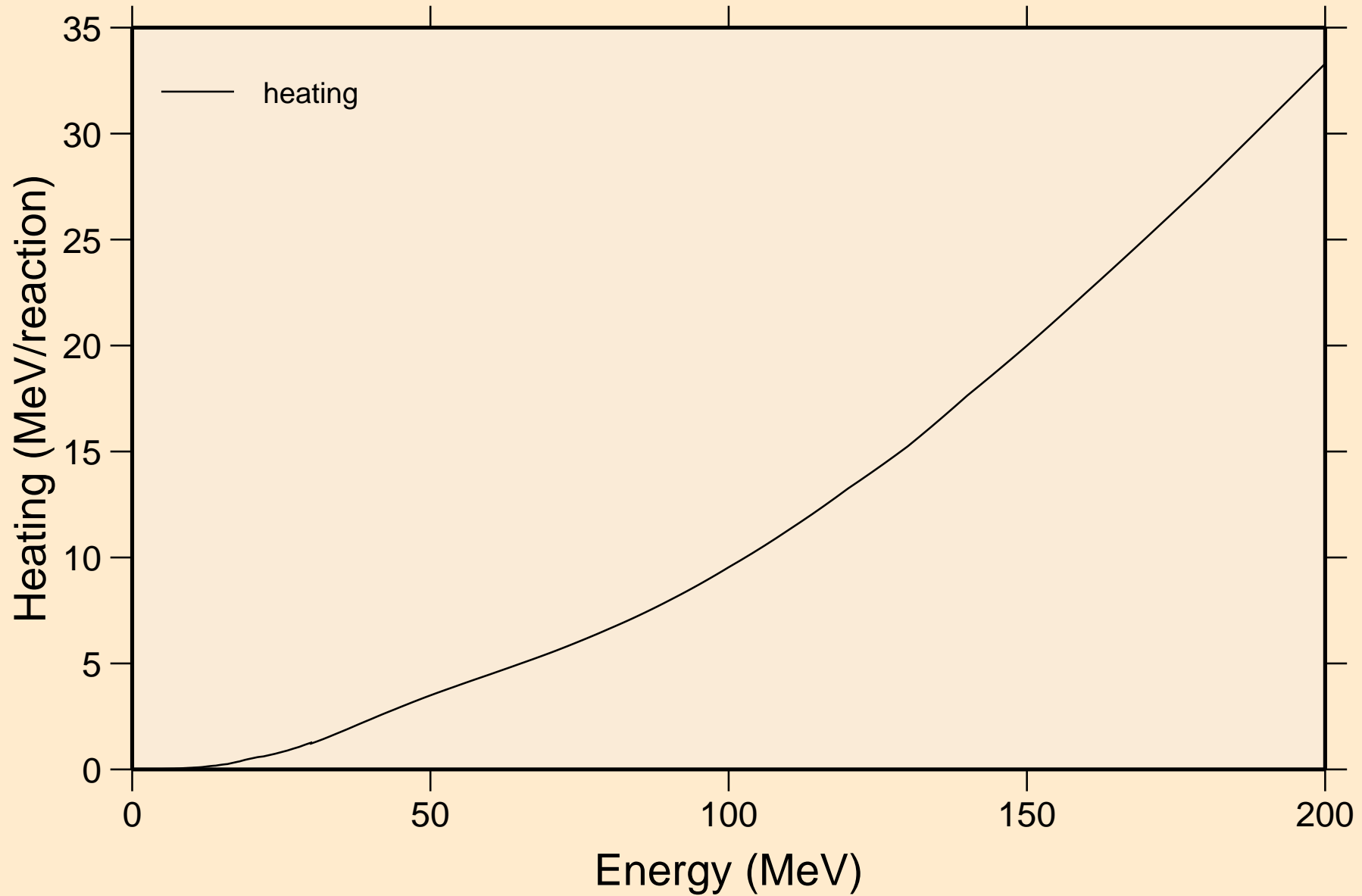


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

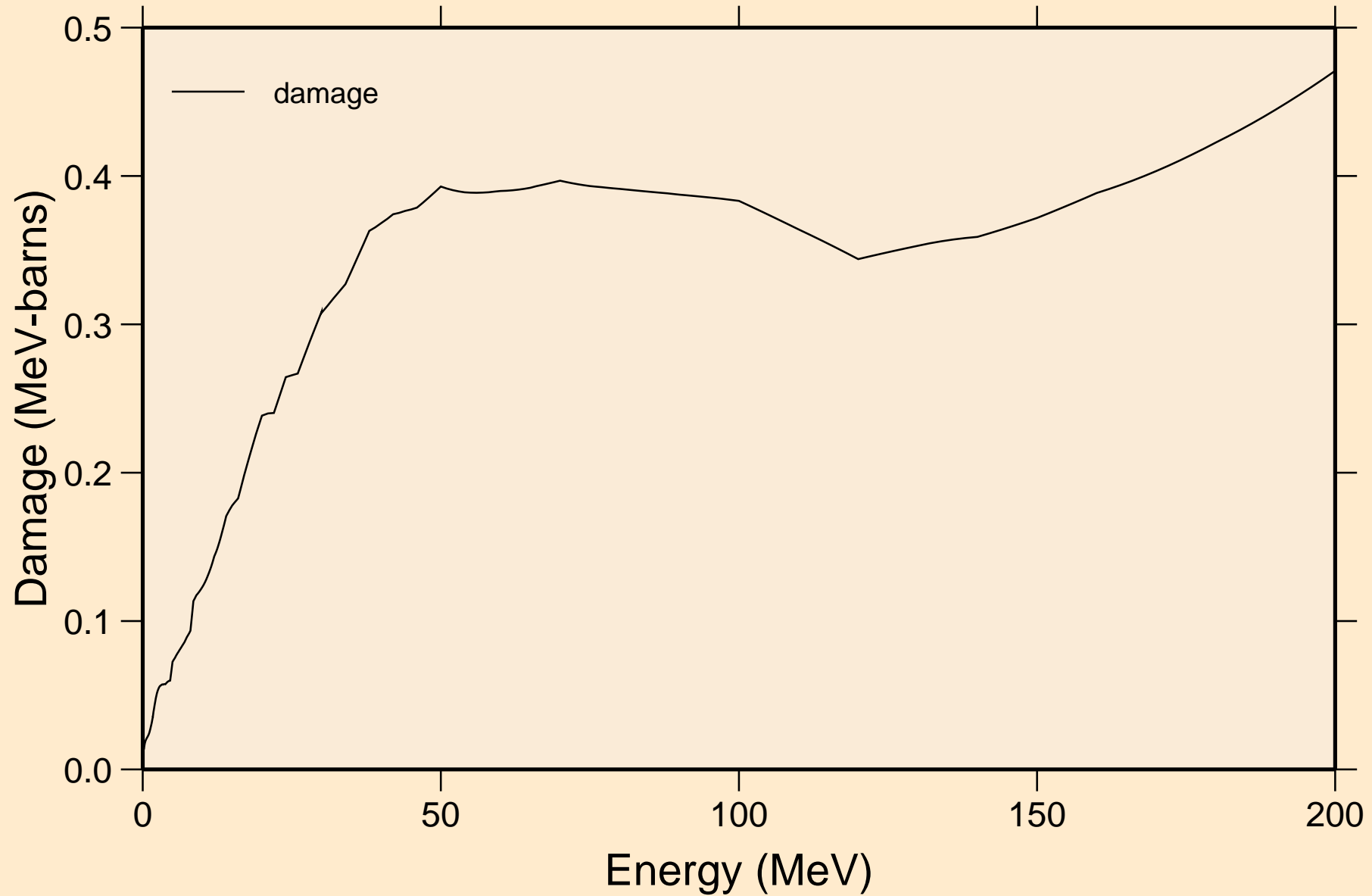


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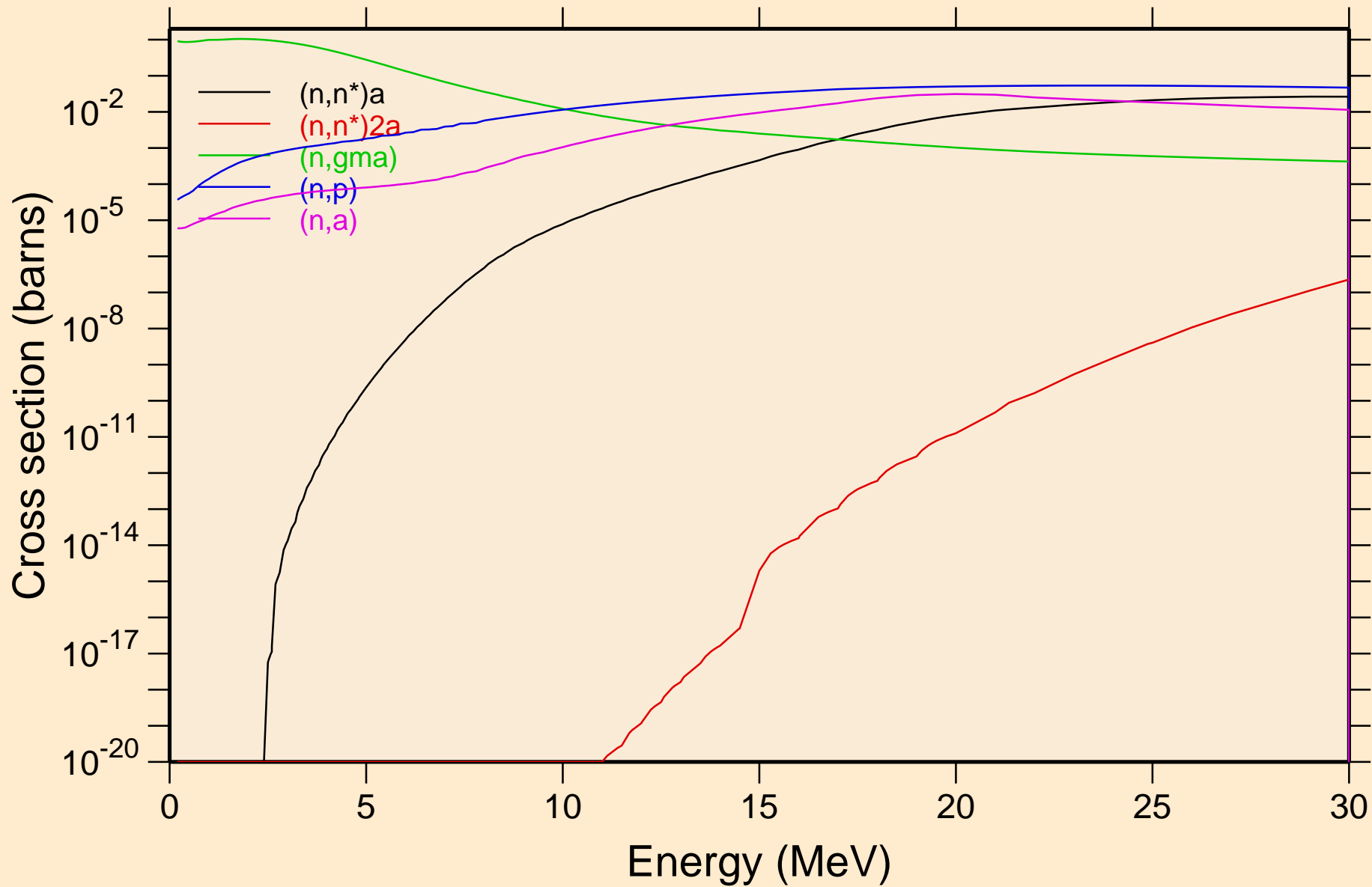
## Heating



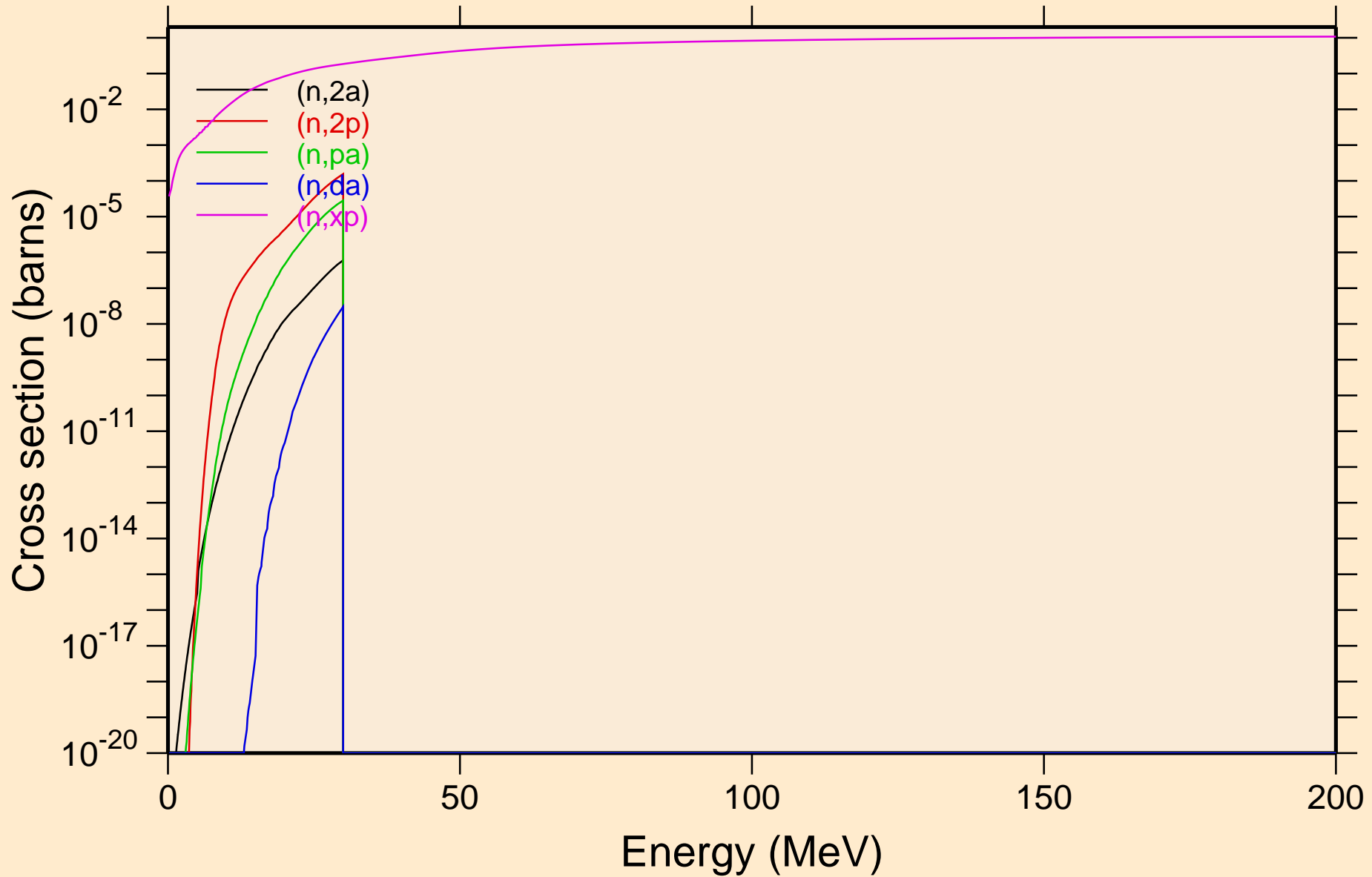
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



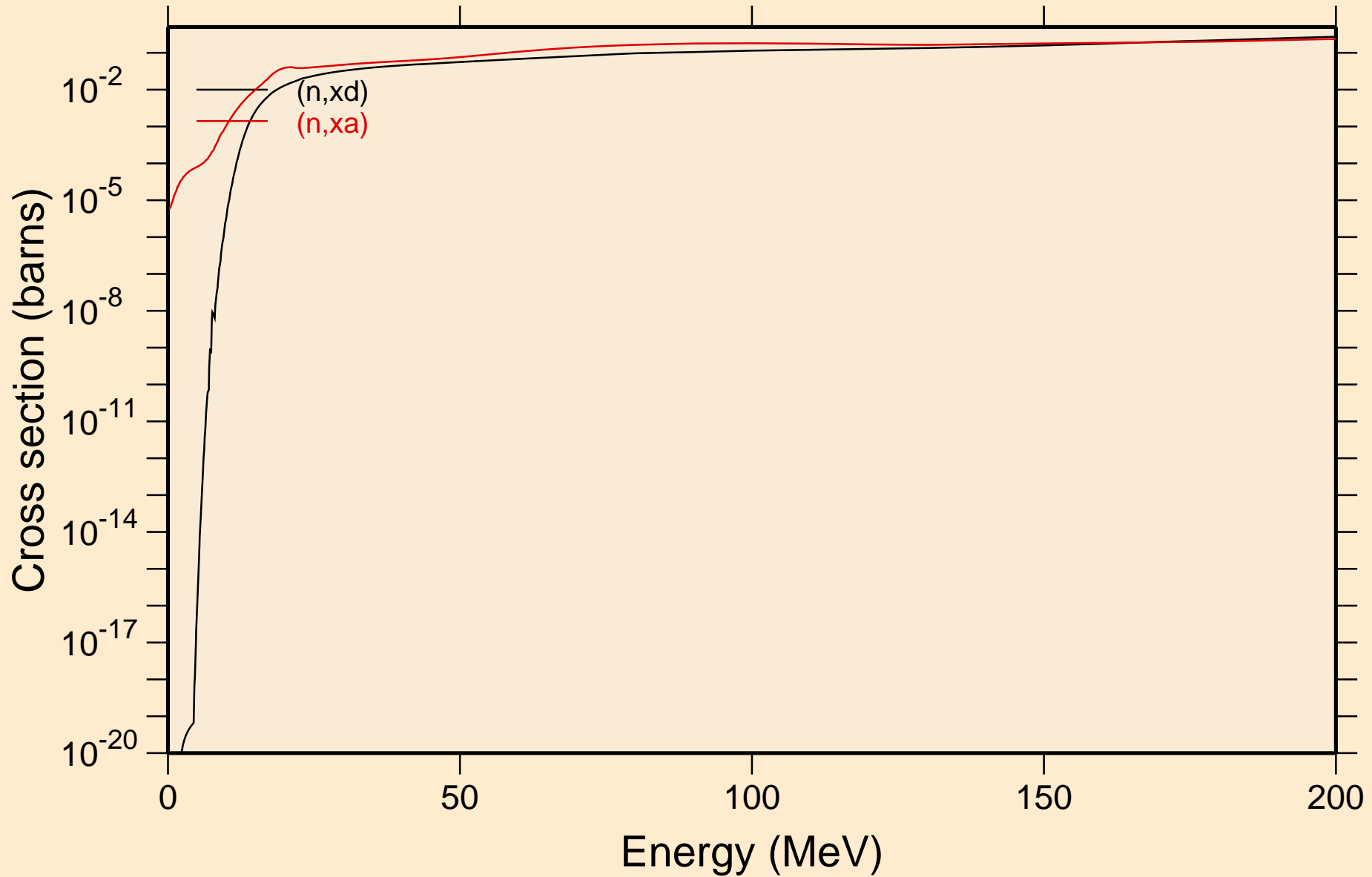
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Non-threshold reactions



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

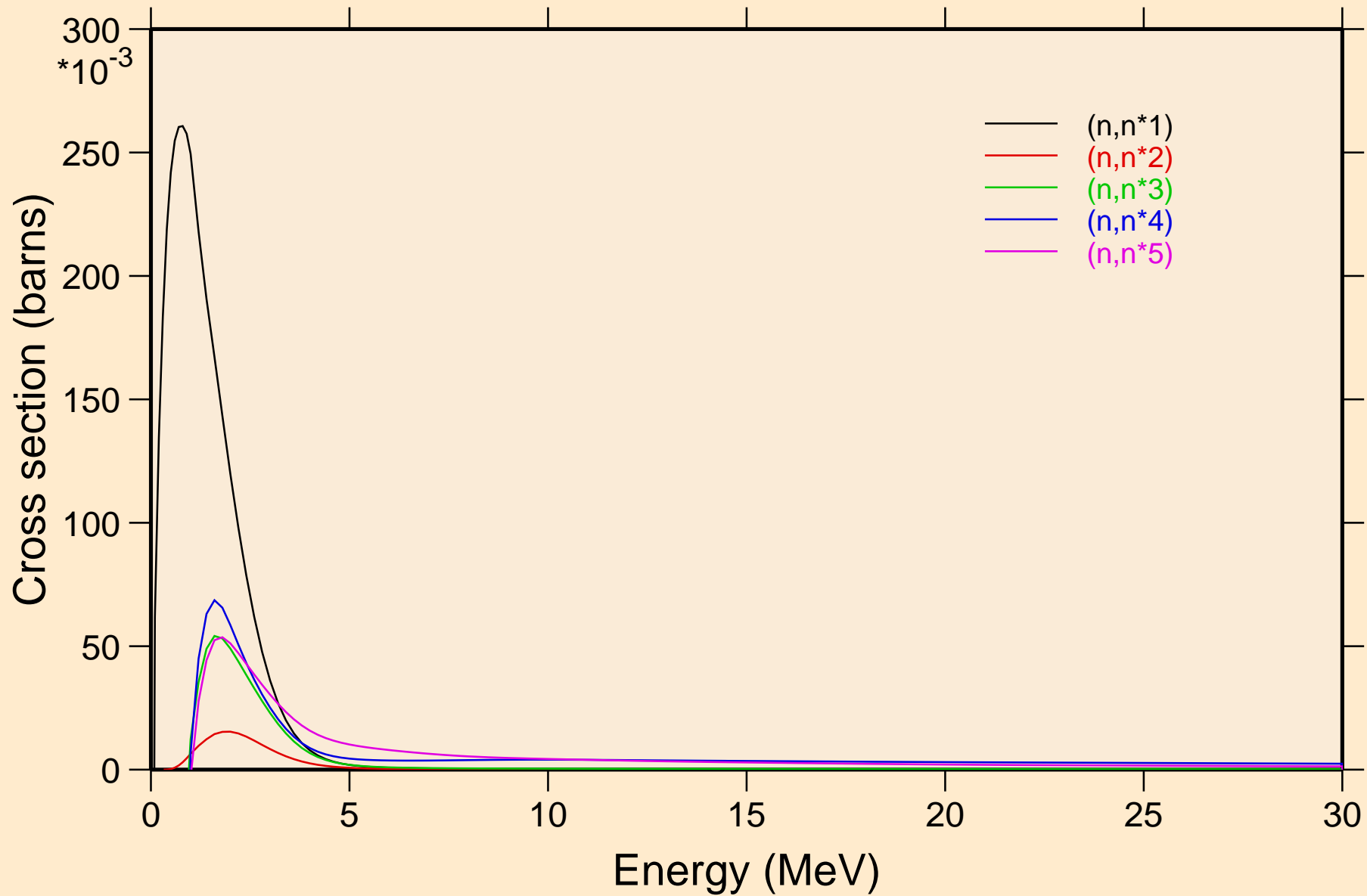


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Non-threshold reactions

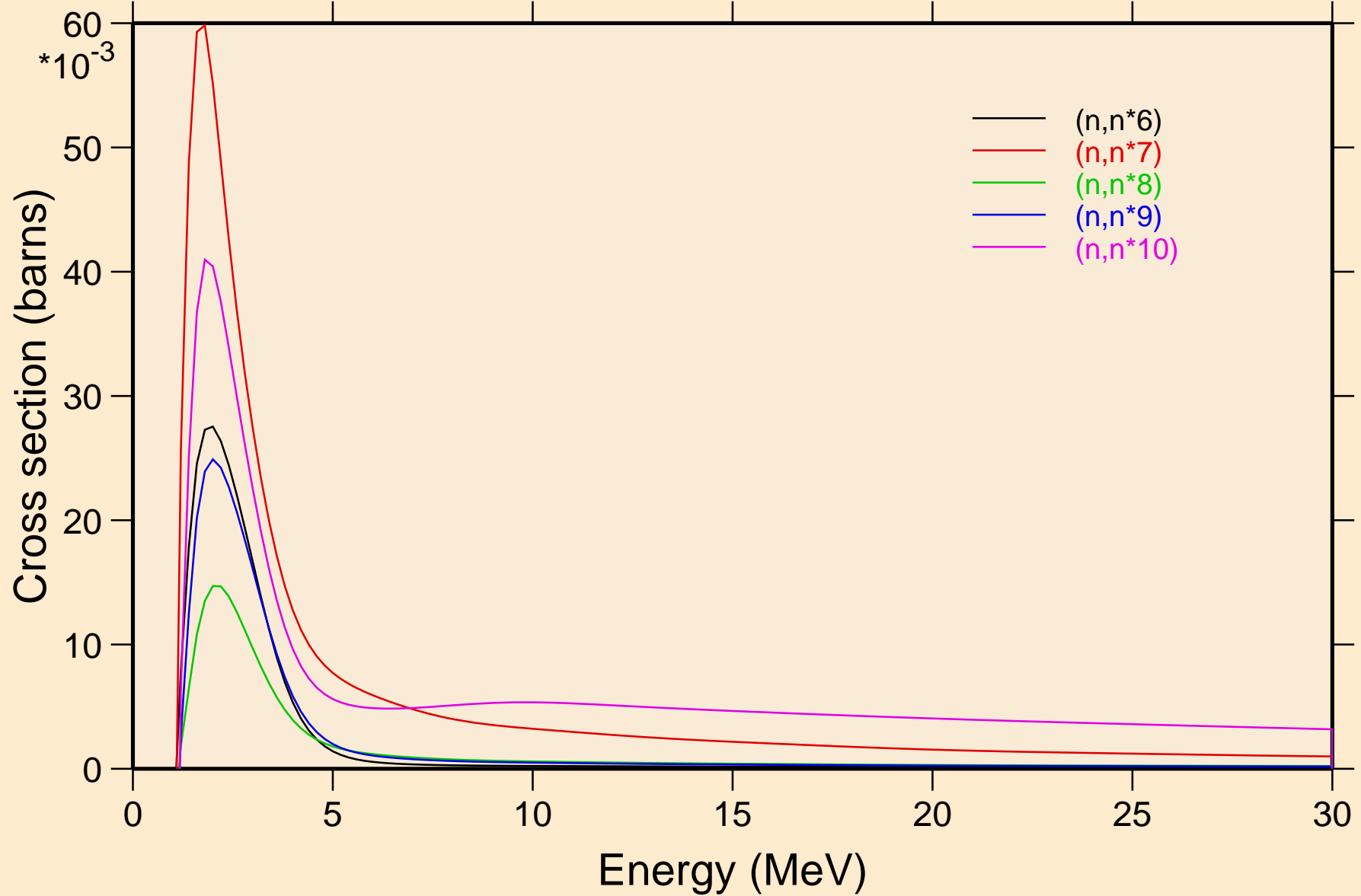




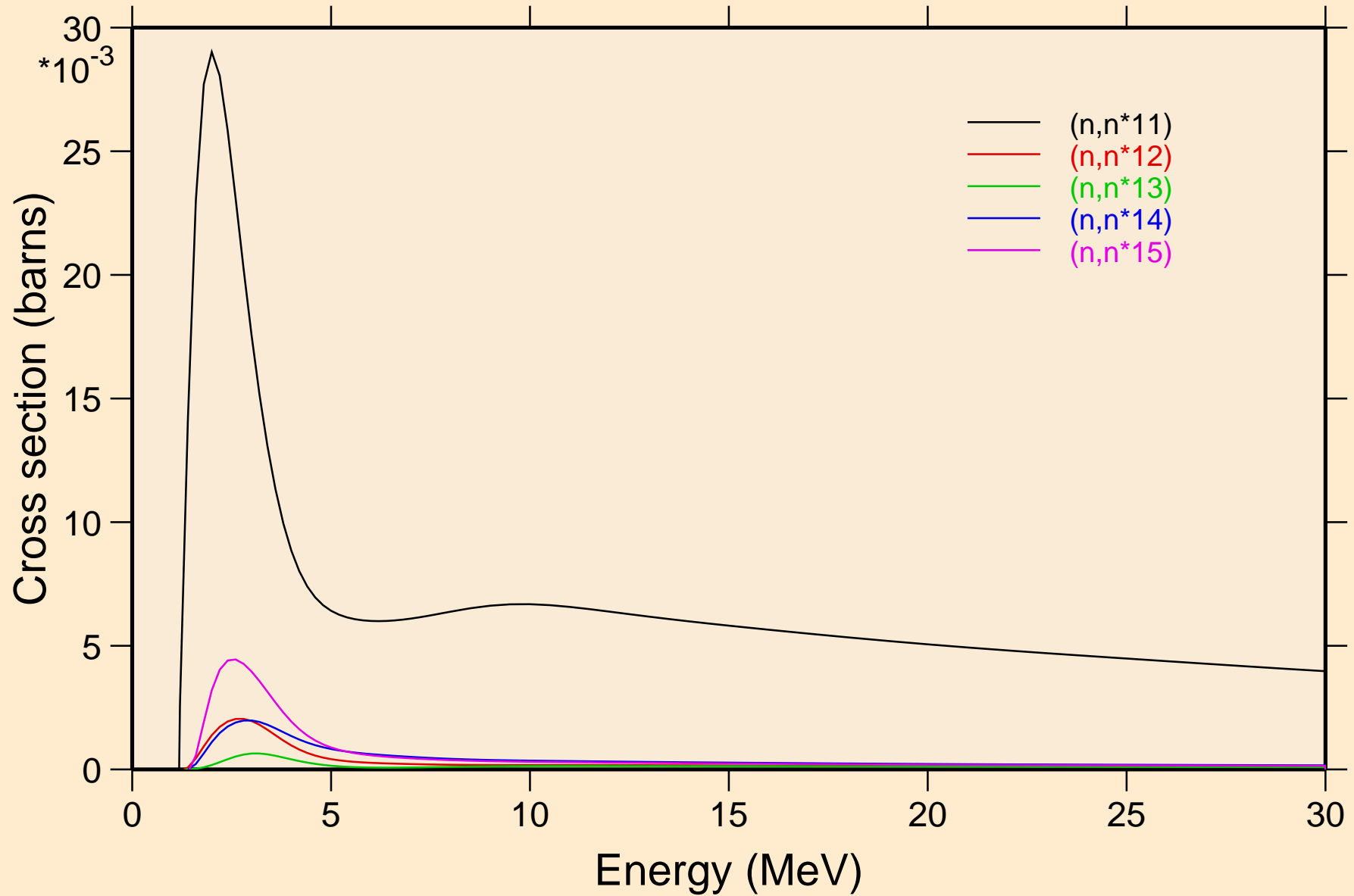
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



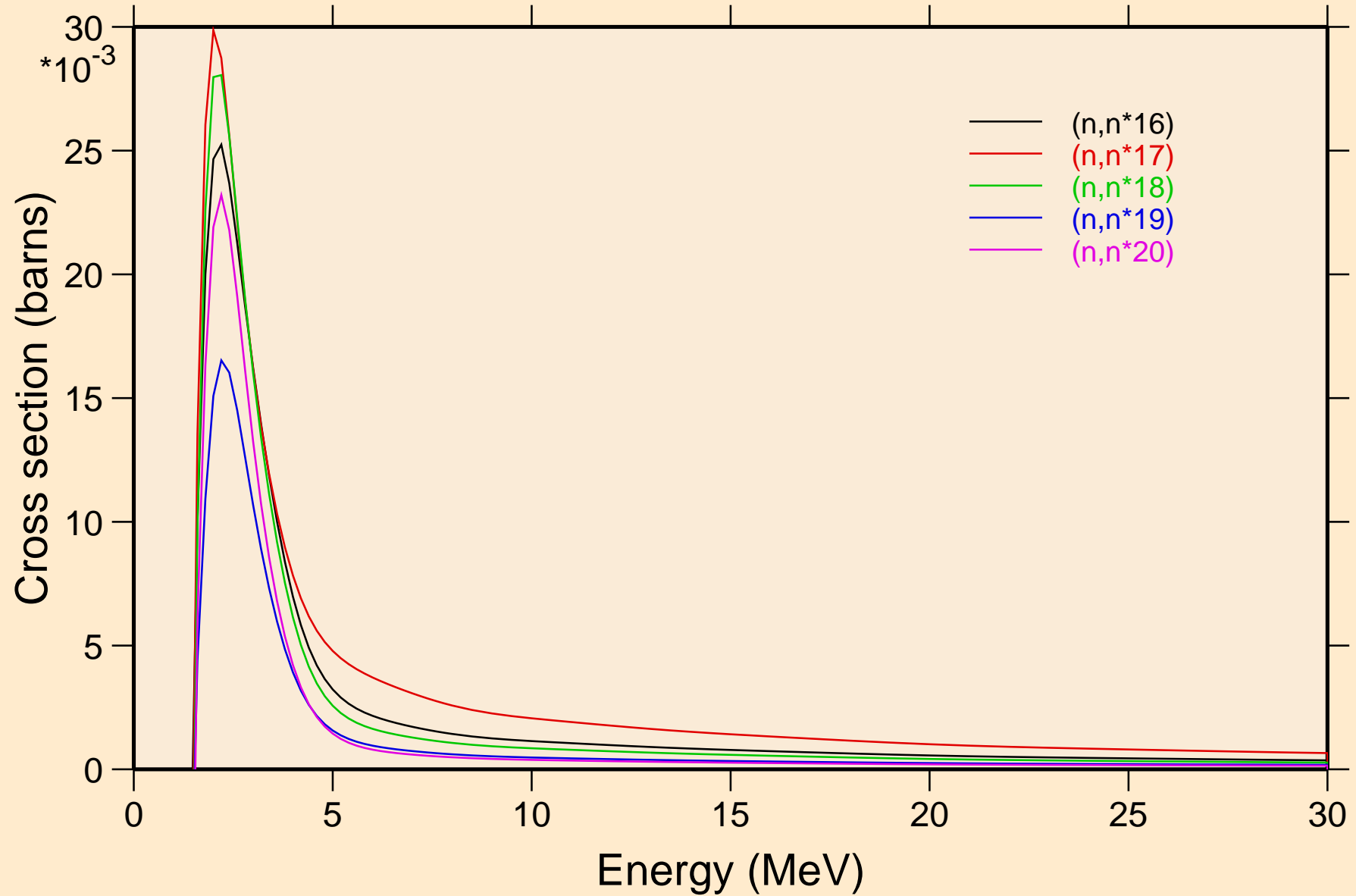
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



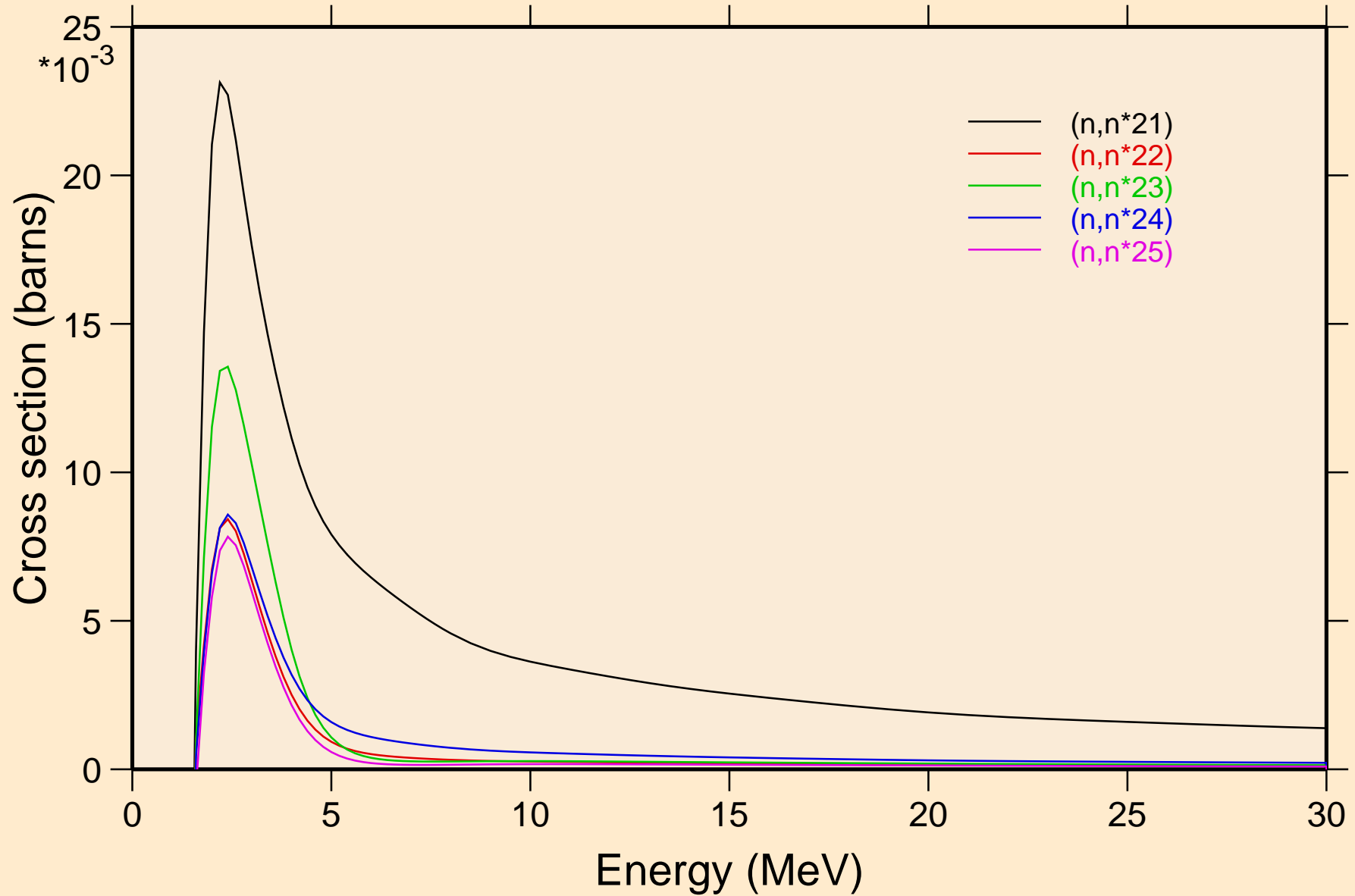
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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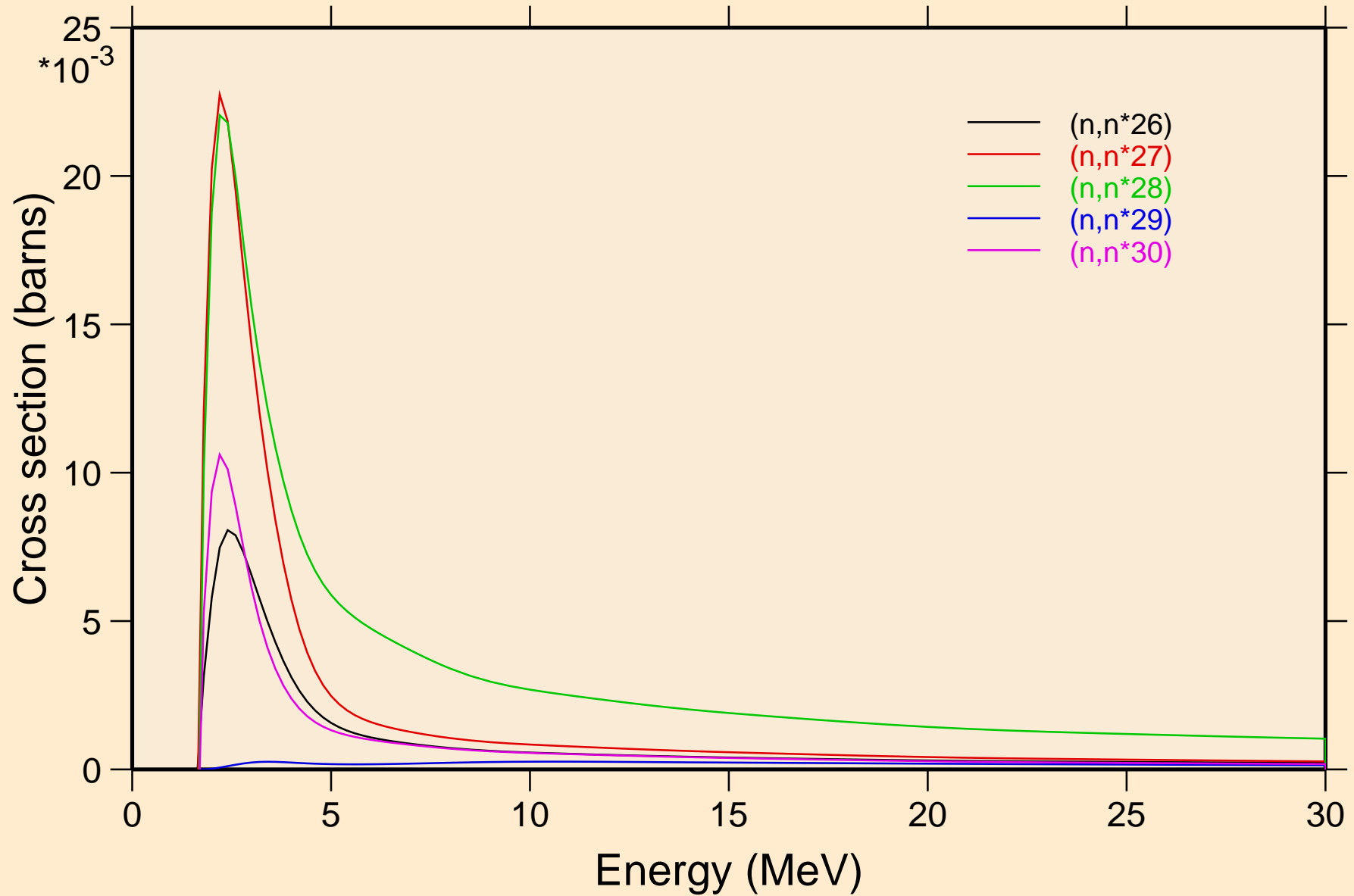
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Inelastic levels



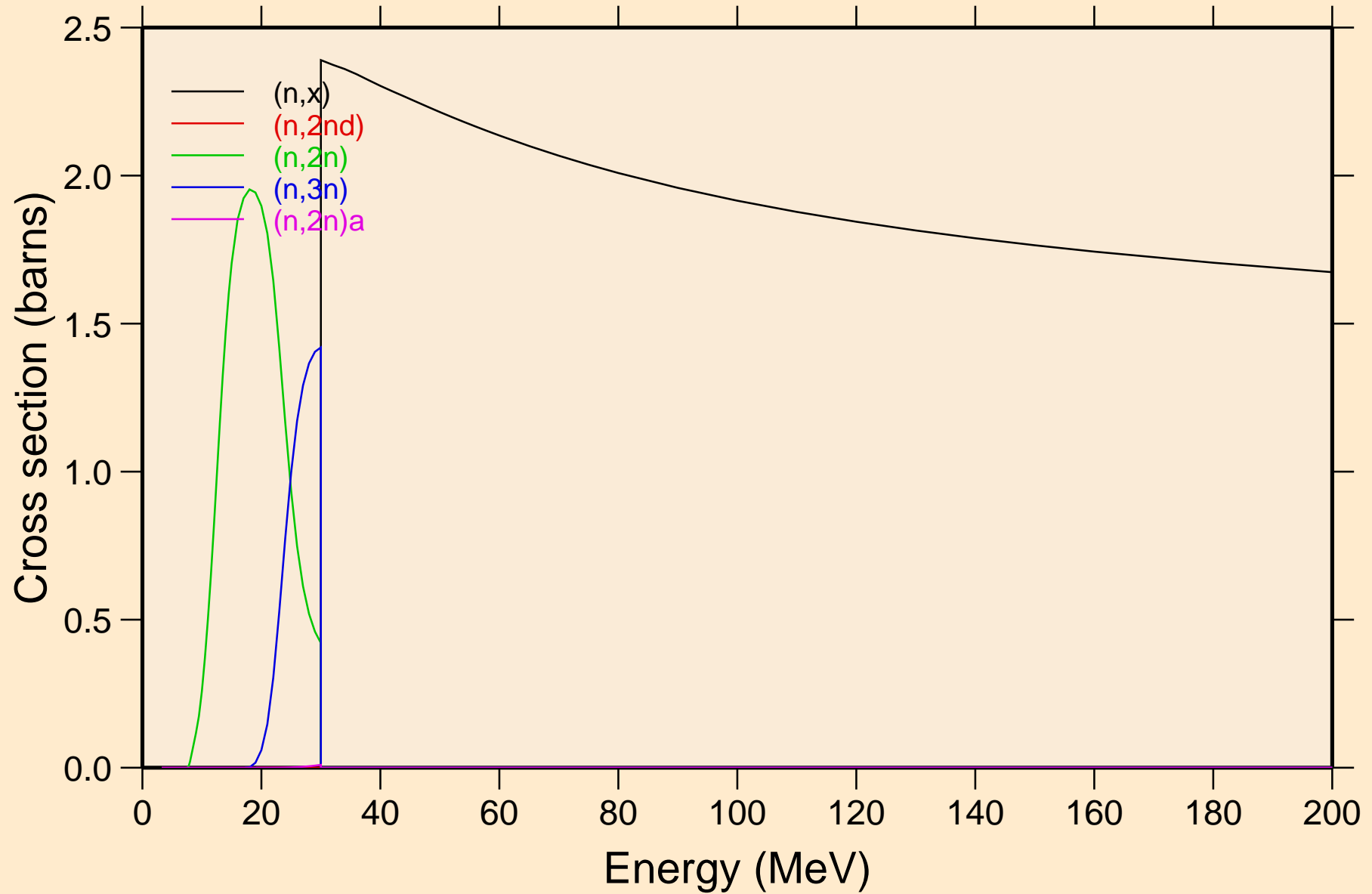
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Inelastic levels



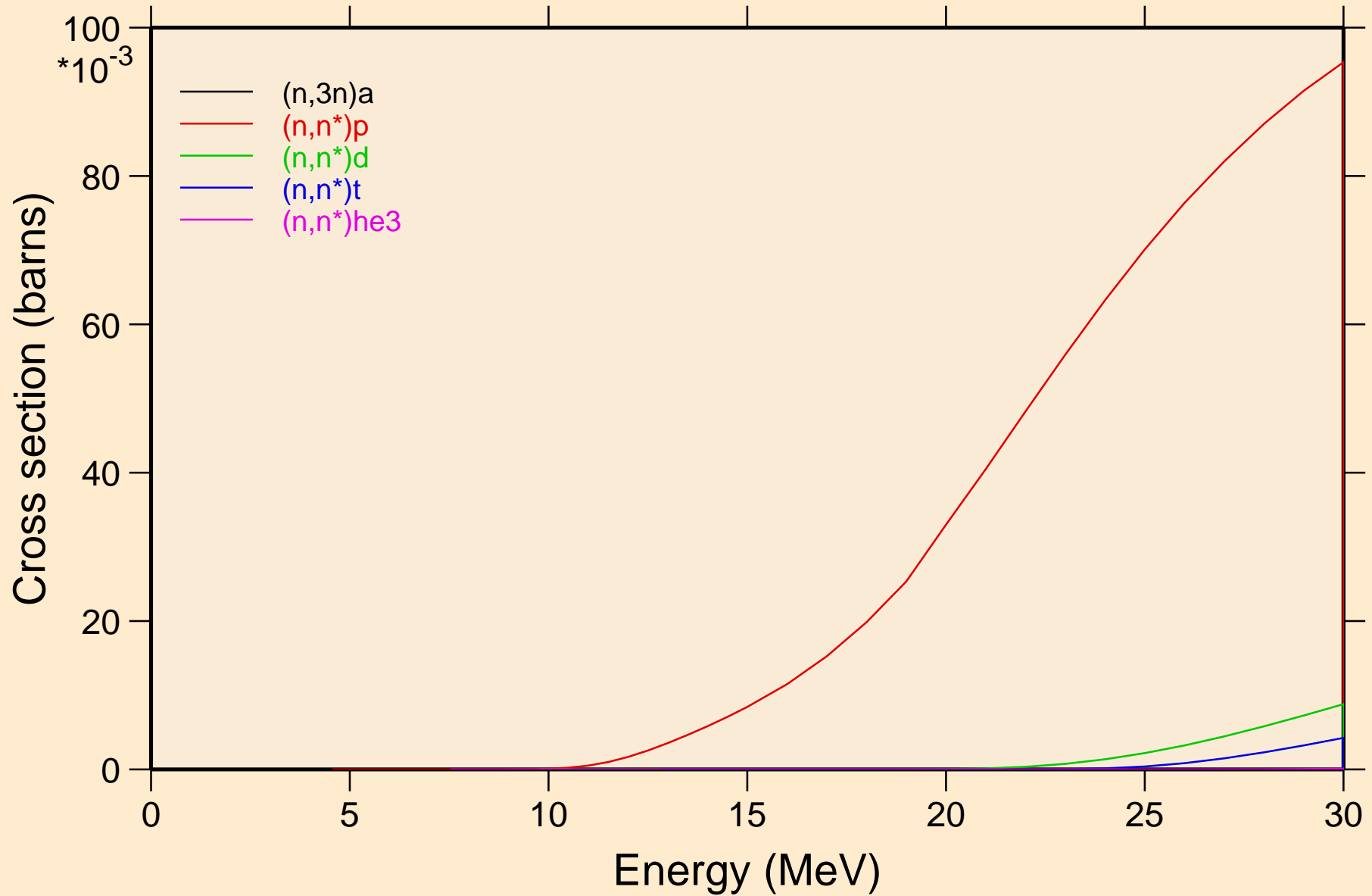
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

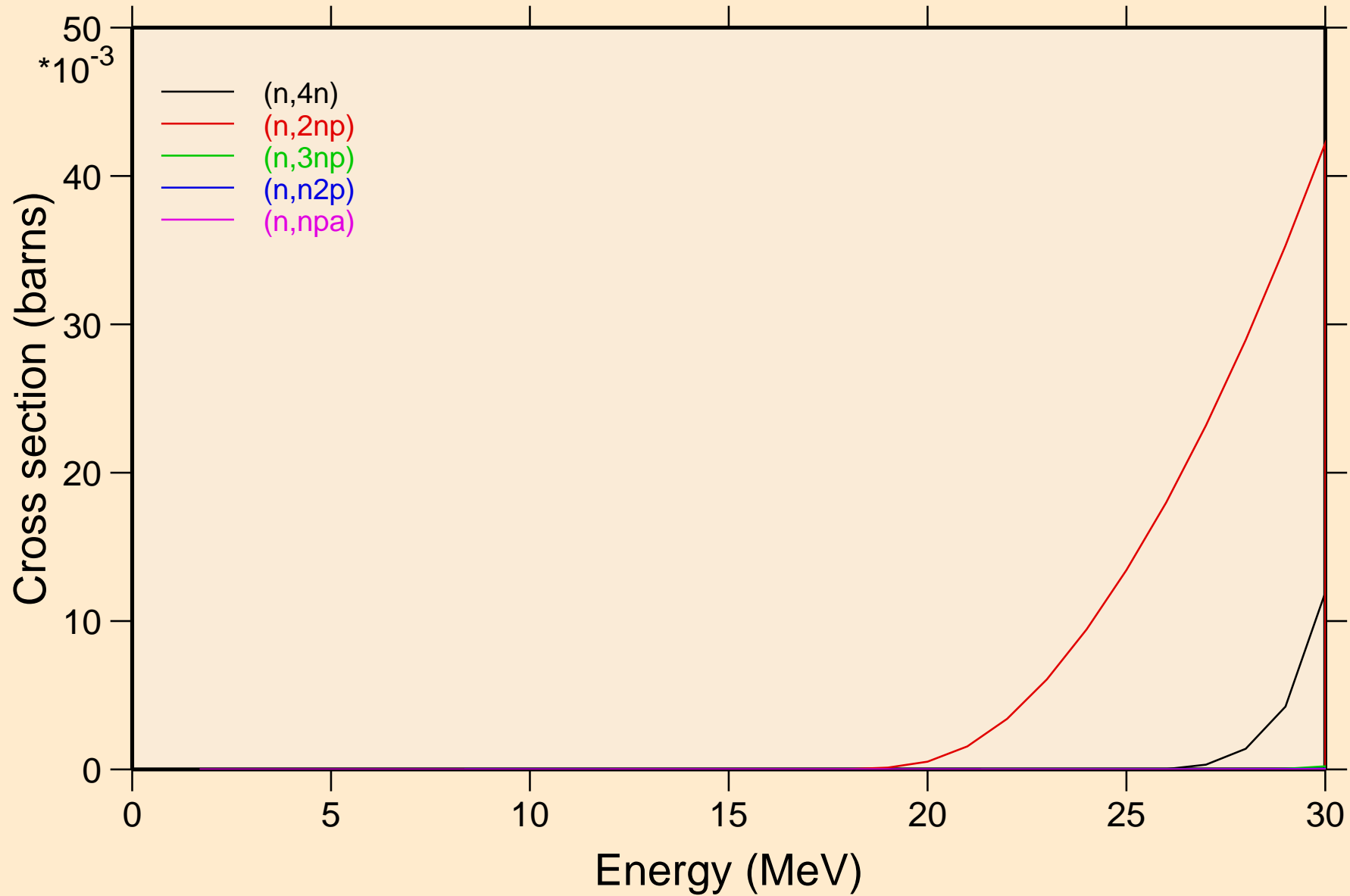


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

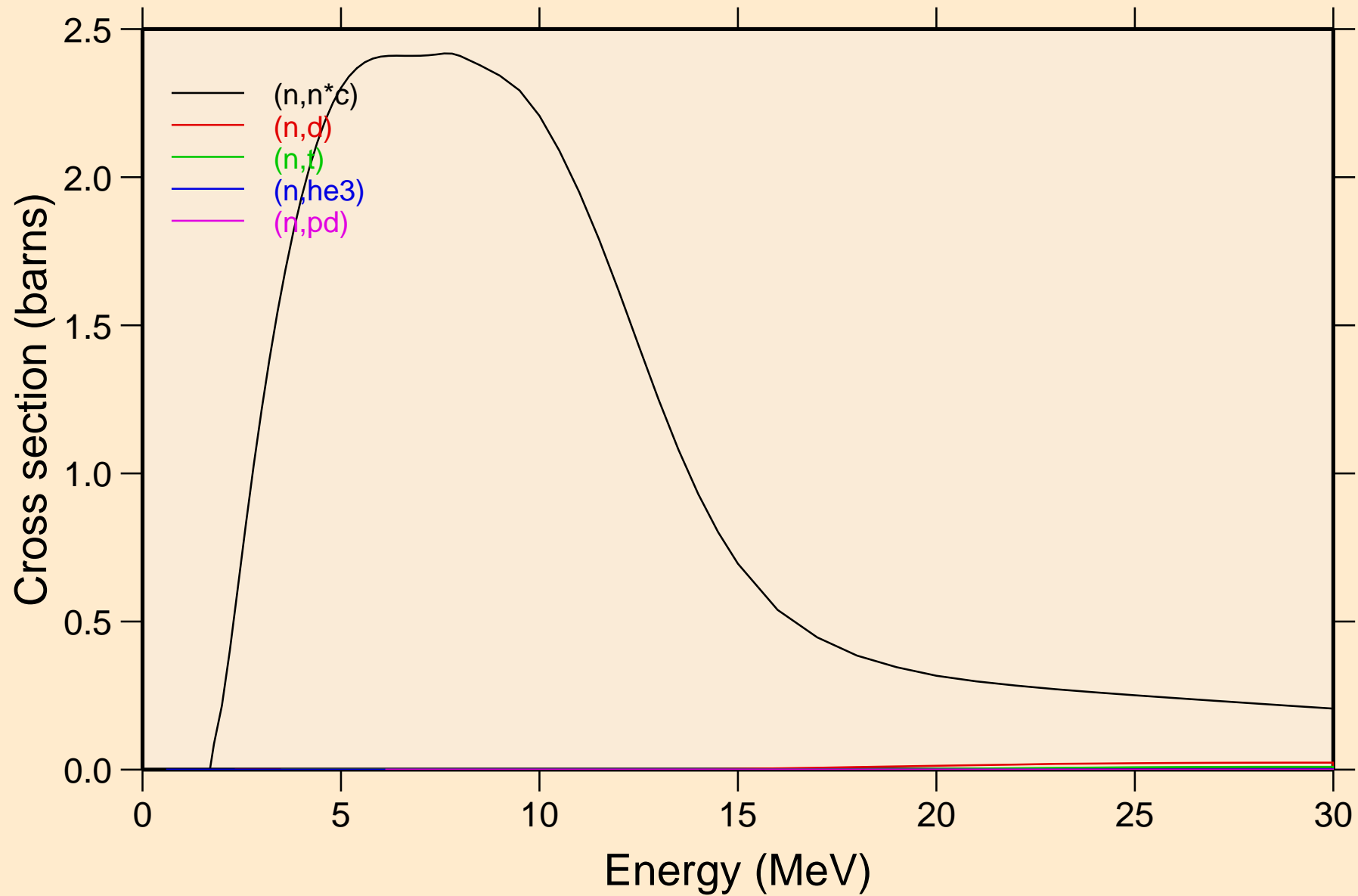




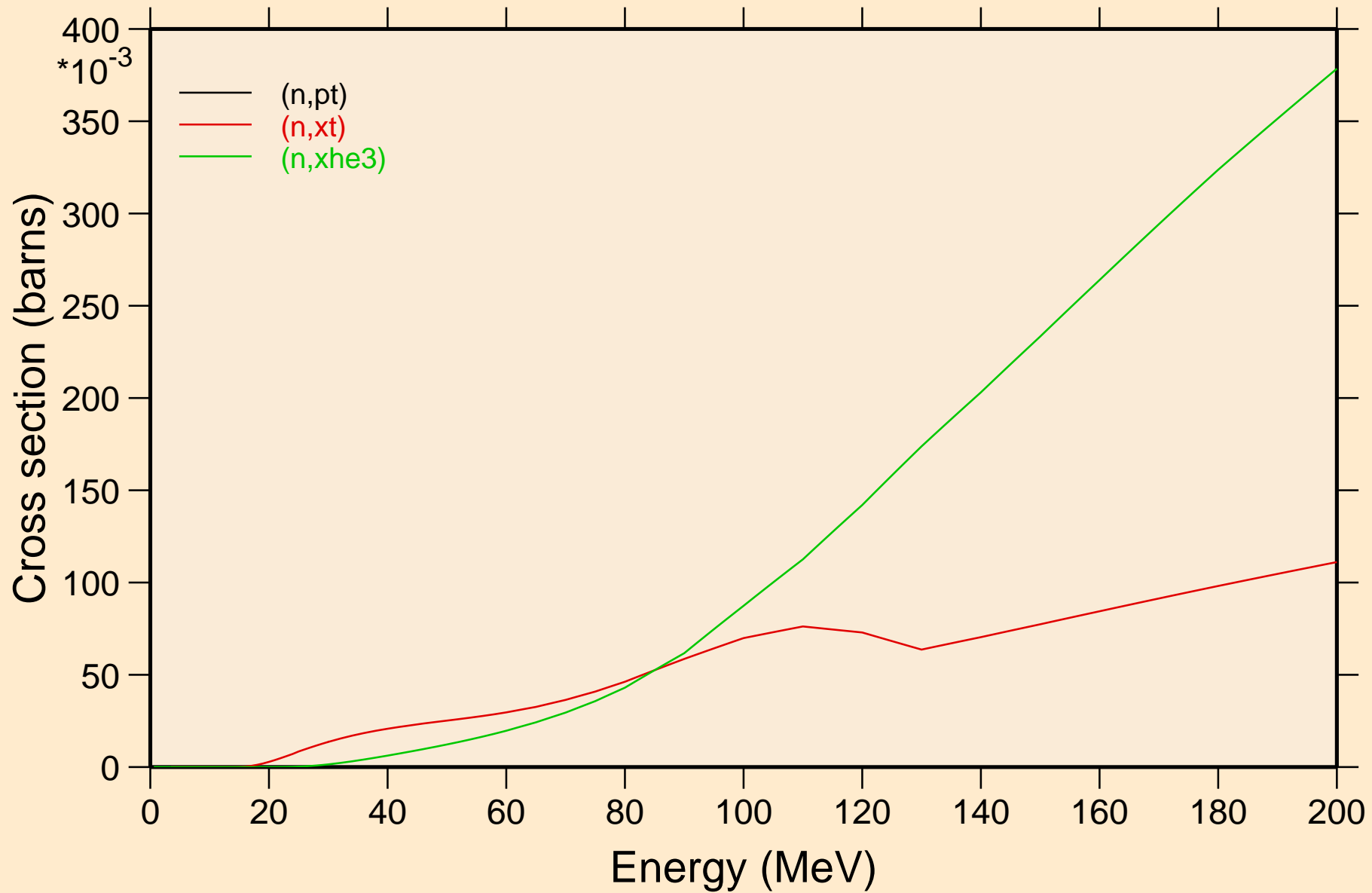
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Threshold reactions



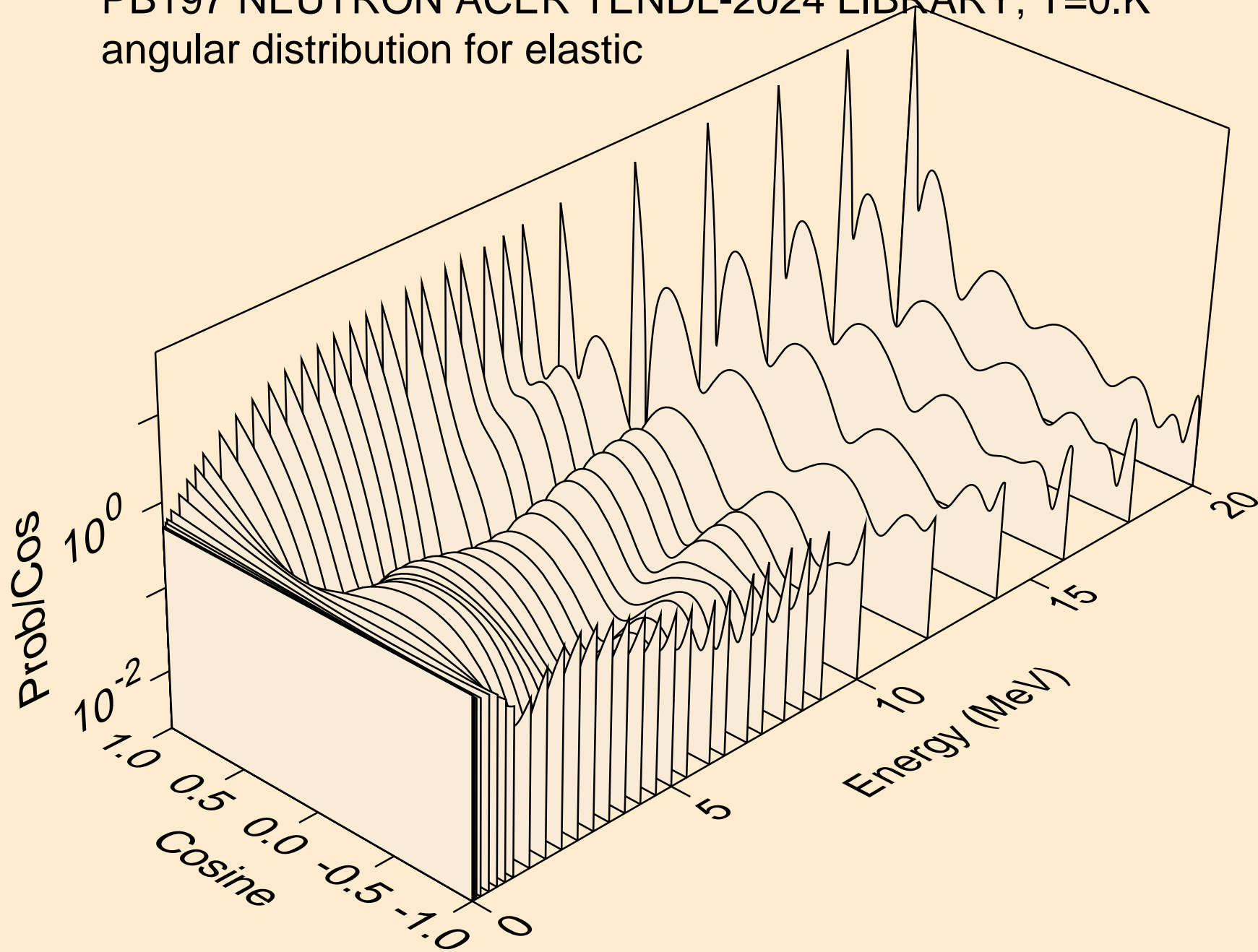
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



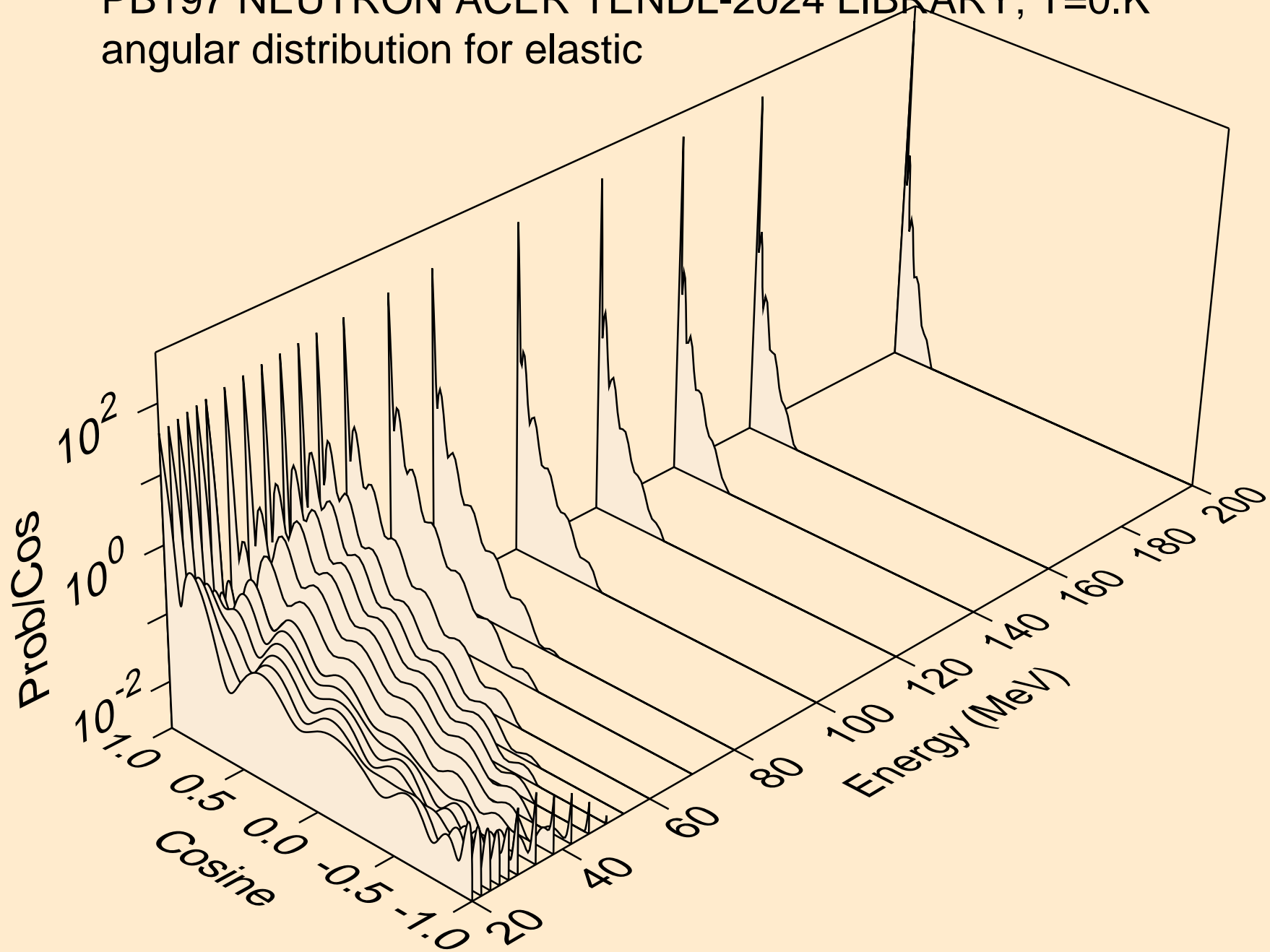
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



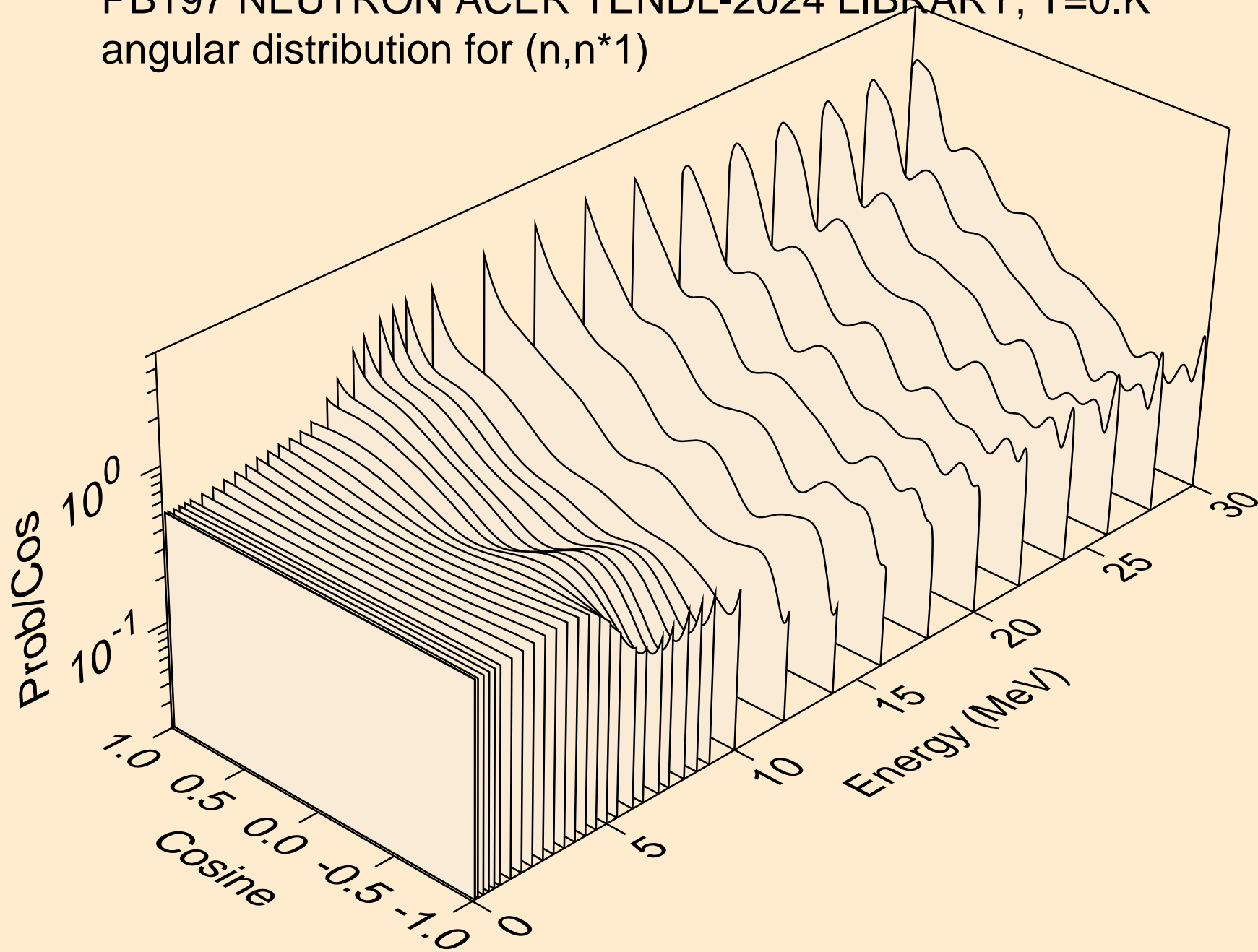
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



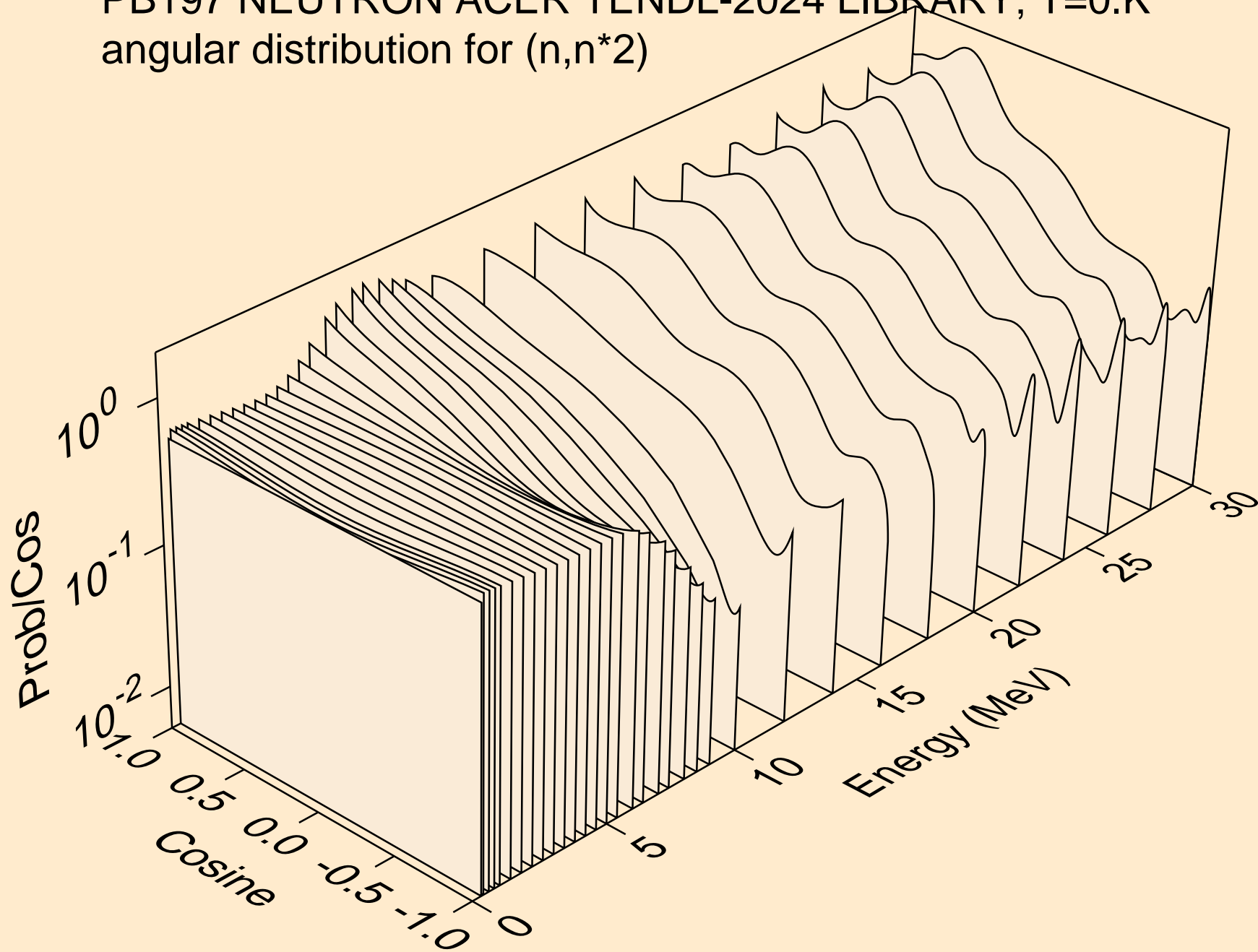
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angular distribution for elastic



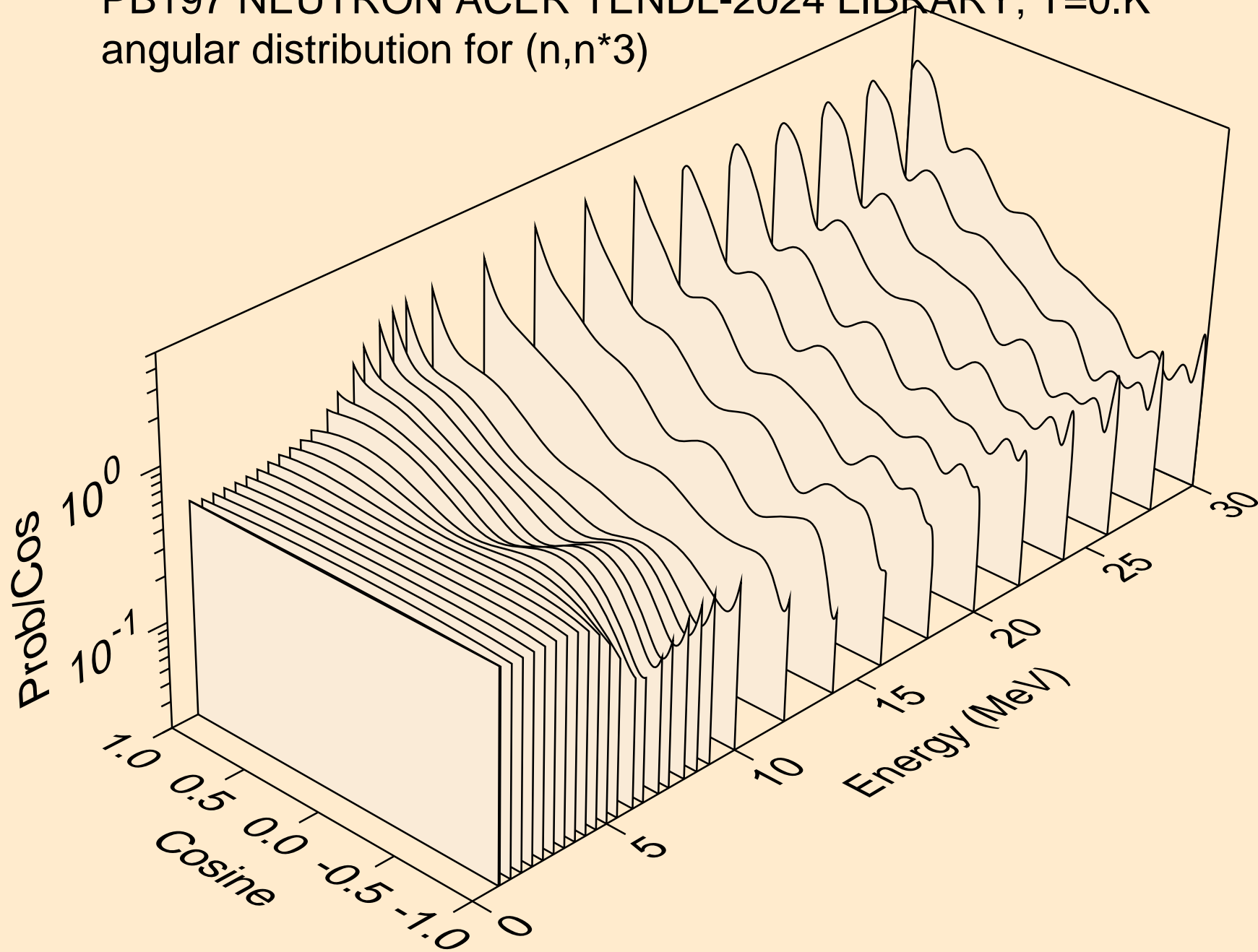
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

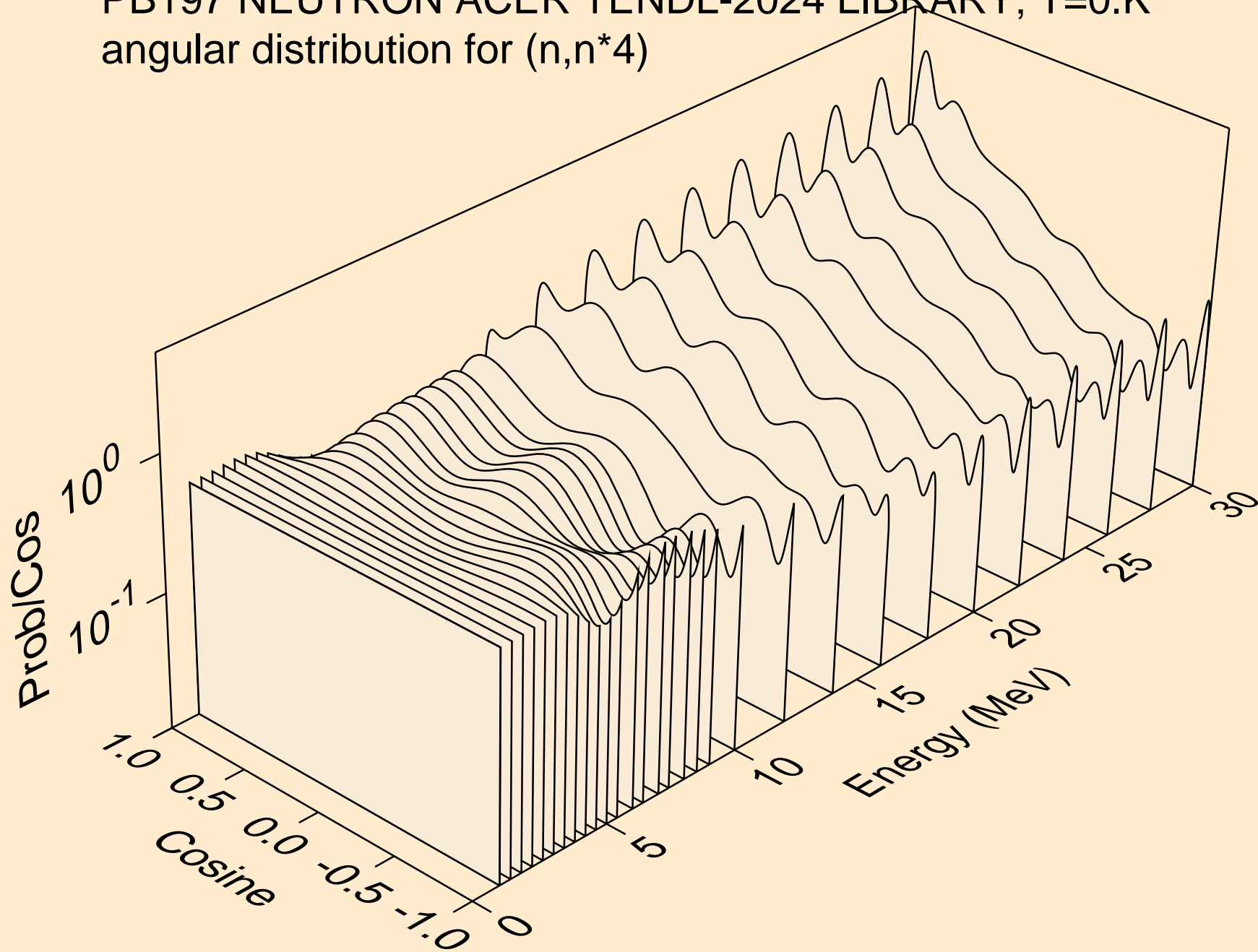


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

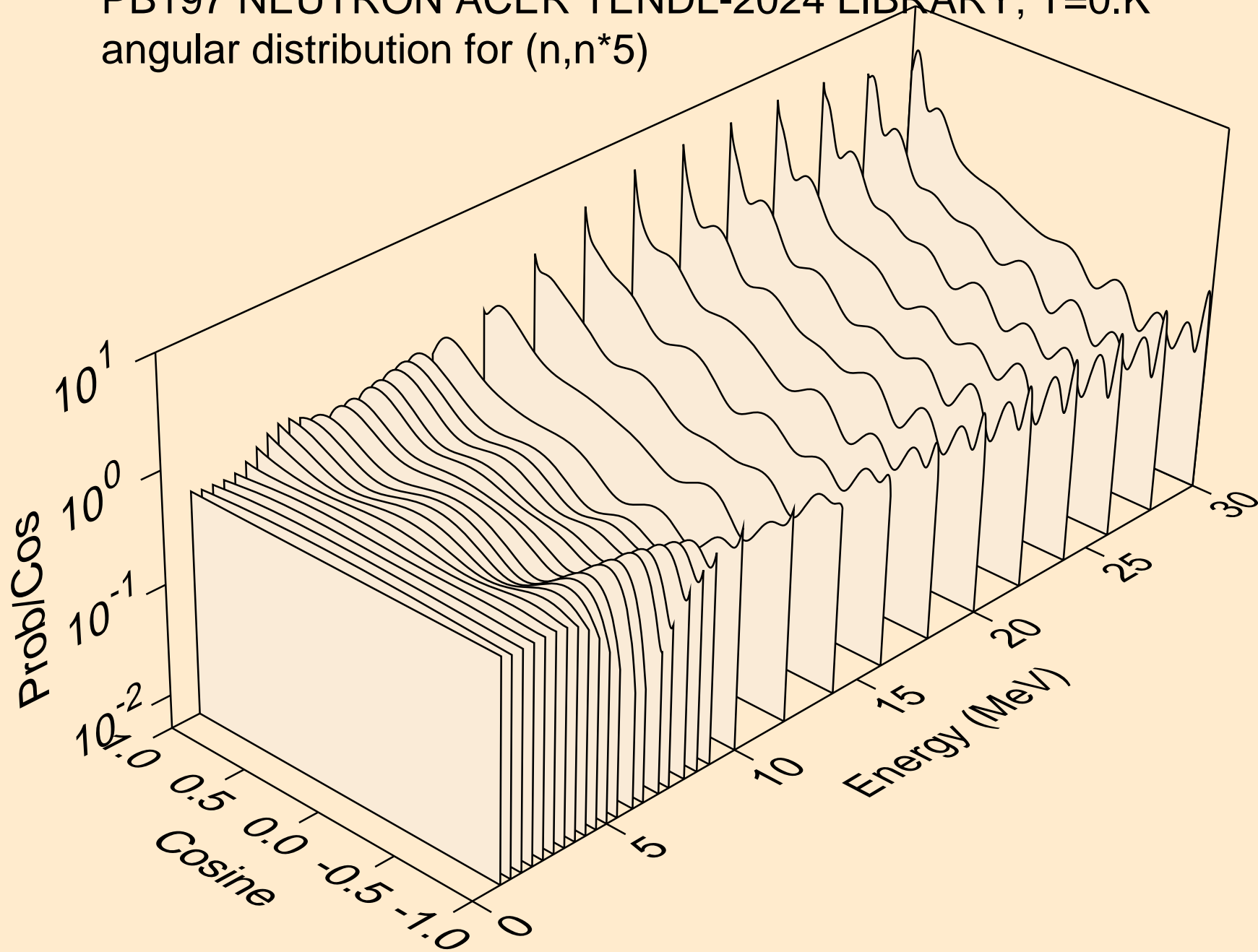




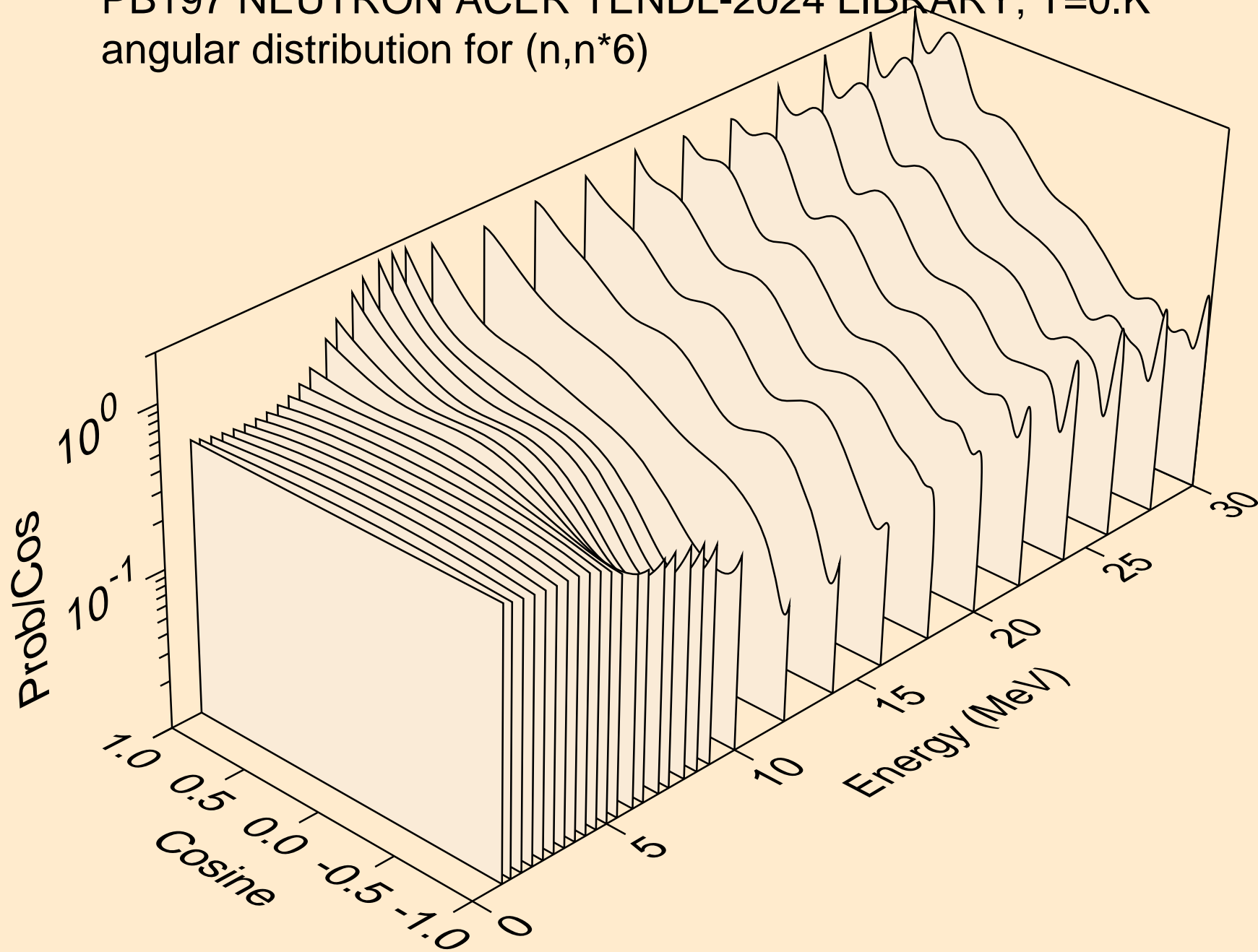
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angular distribution for (n,n\*4)



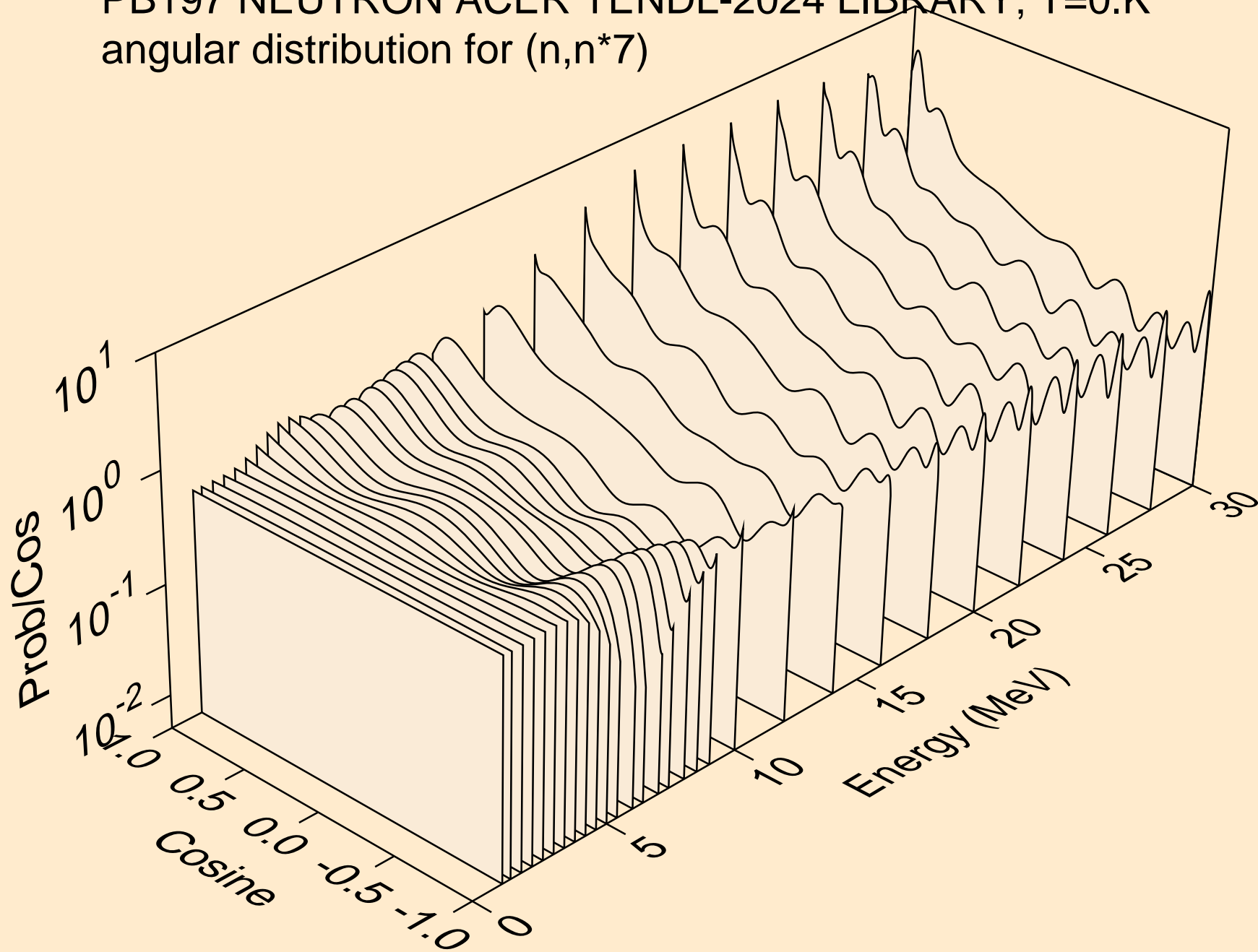
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angular distribution for (n,n\*5)



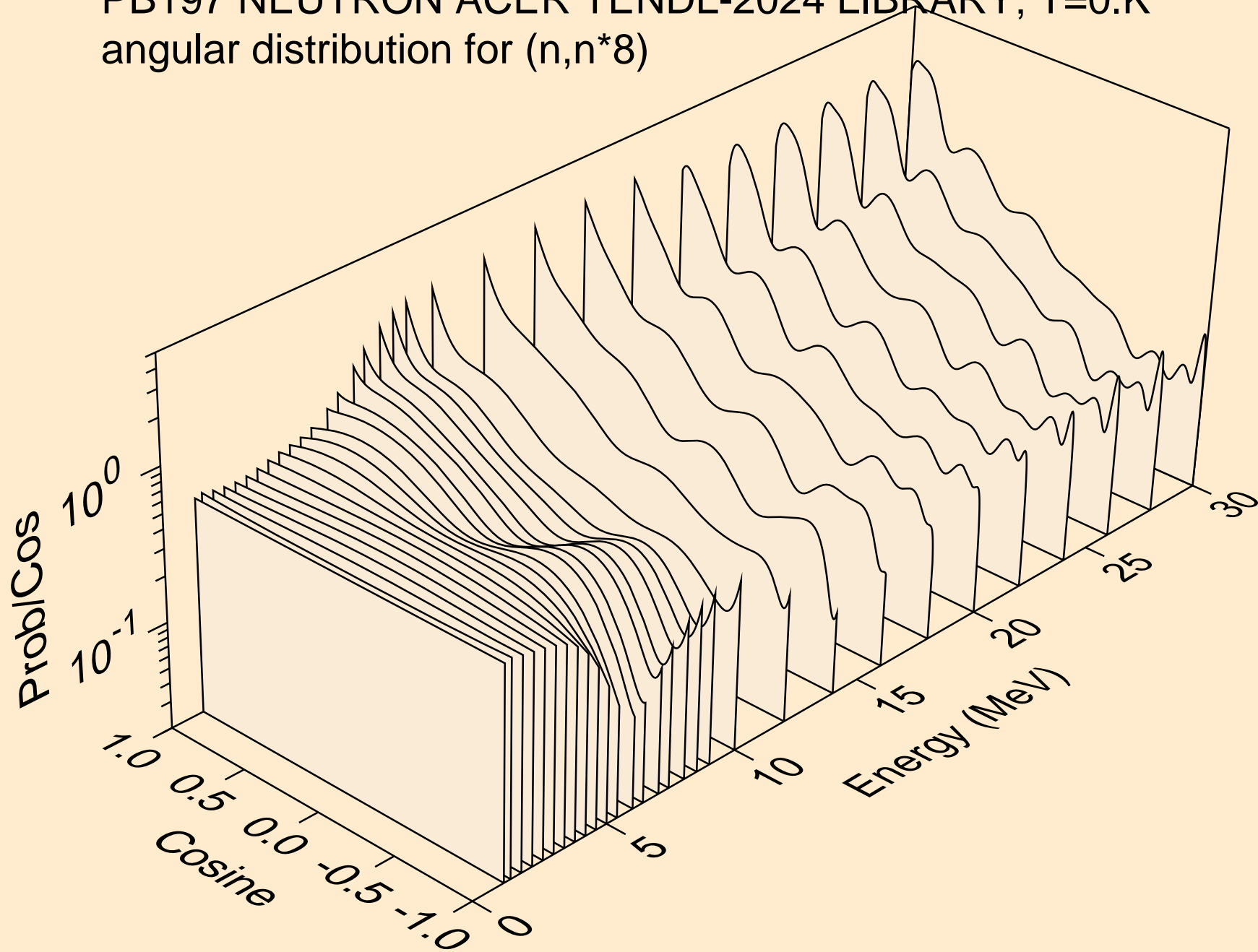
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



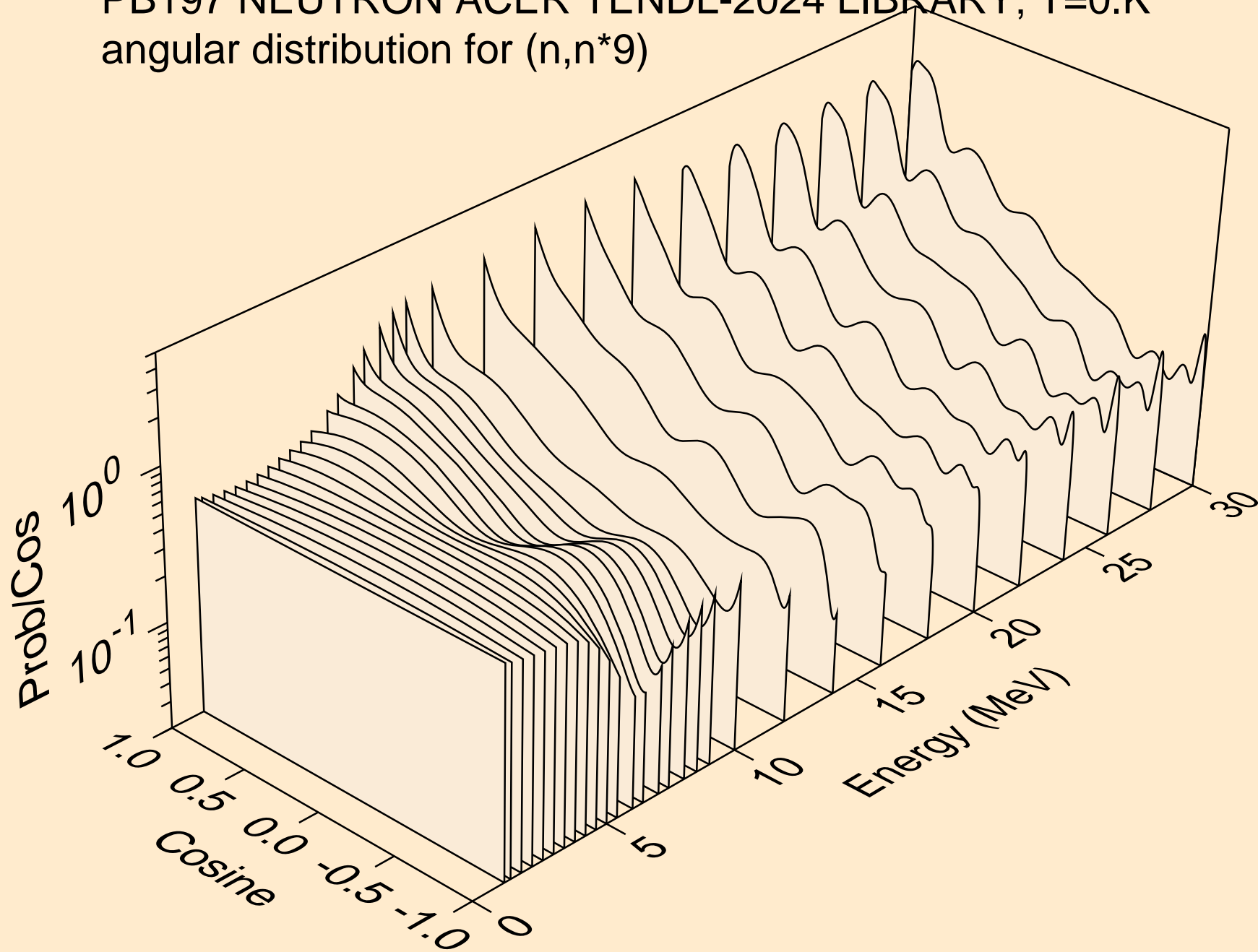
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angular distribution for (n,n\*7)



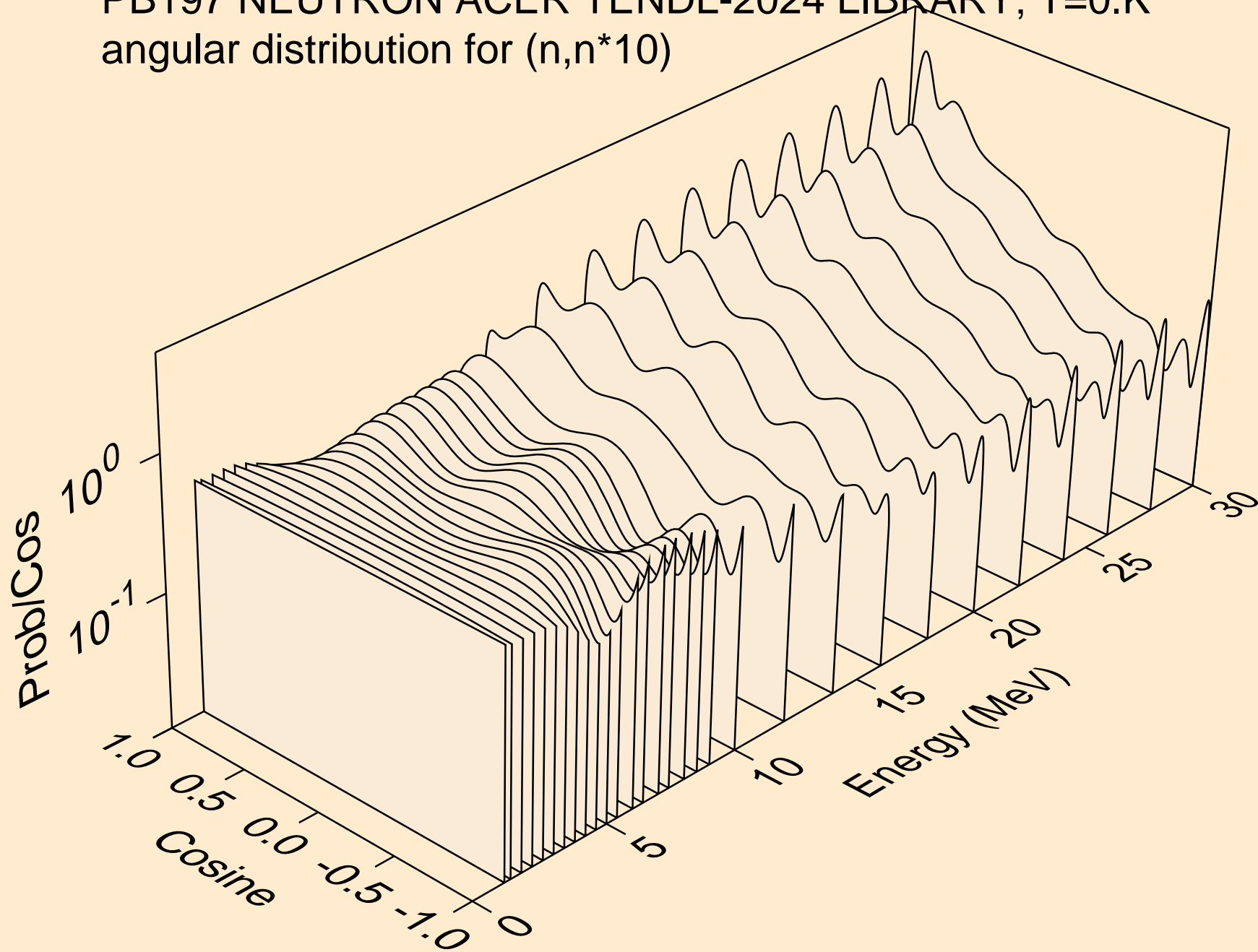
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angular distribution for (n,n\*8)



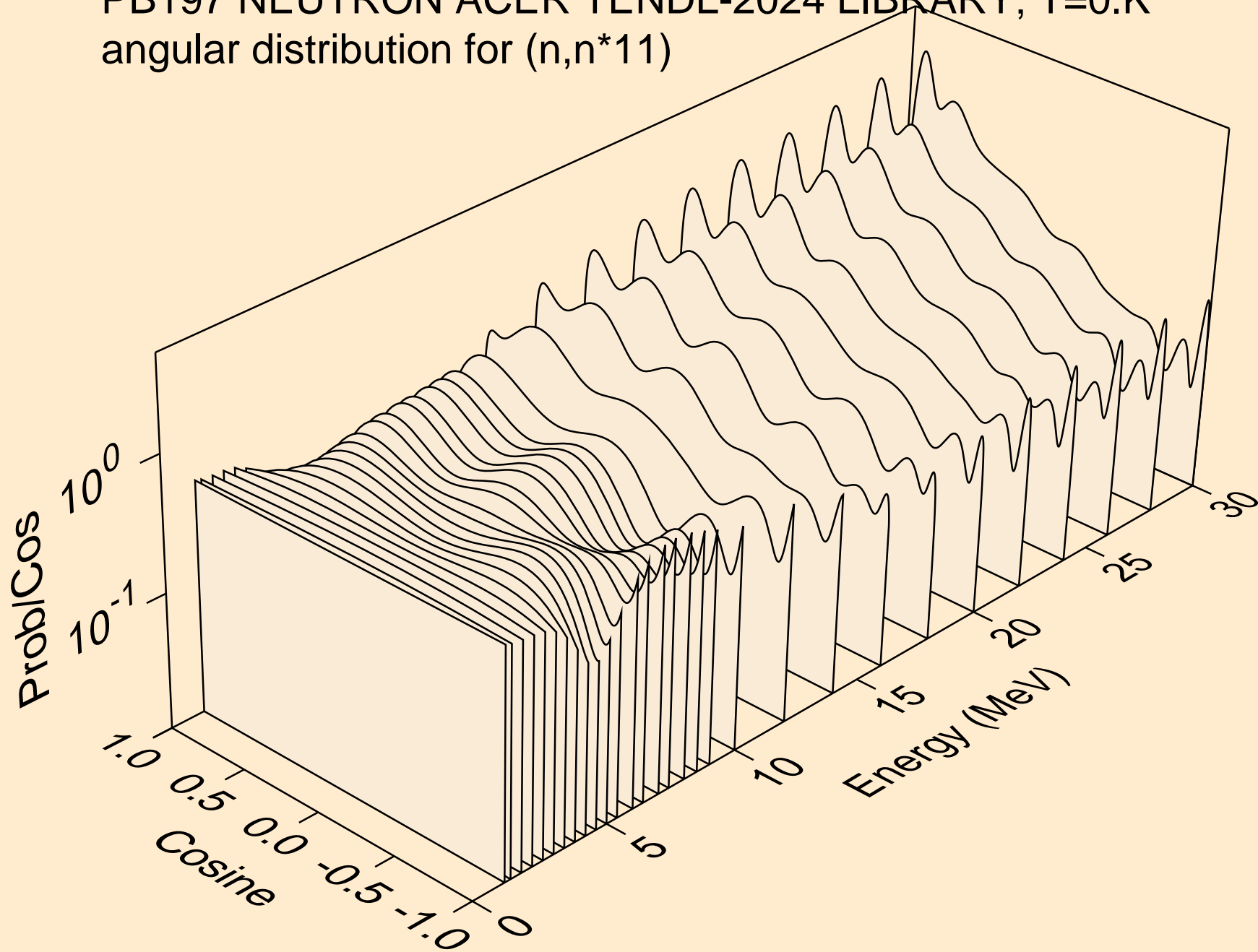
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

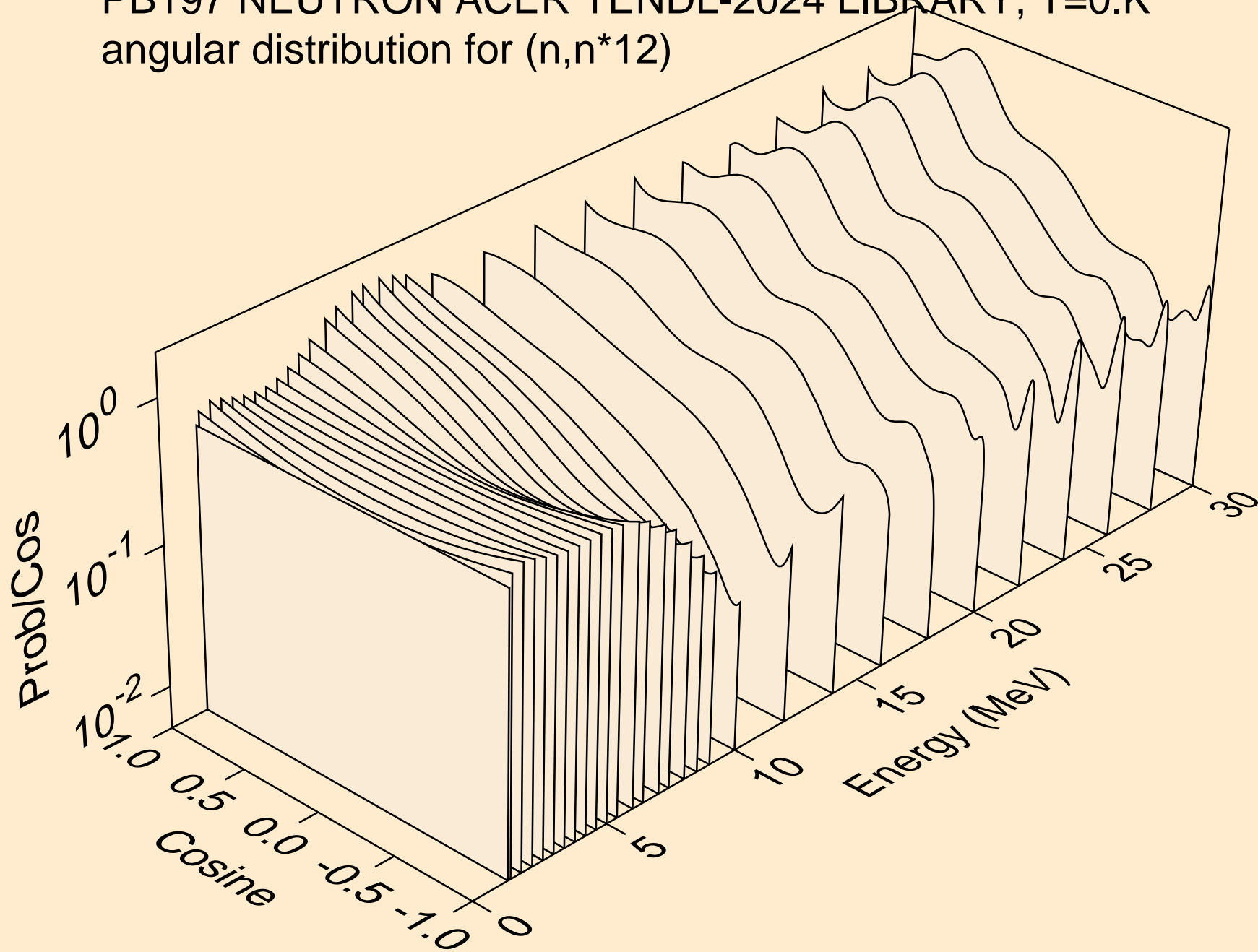


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

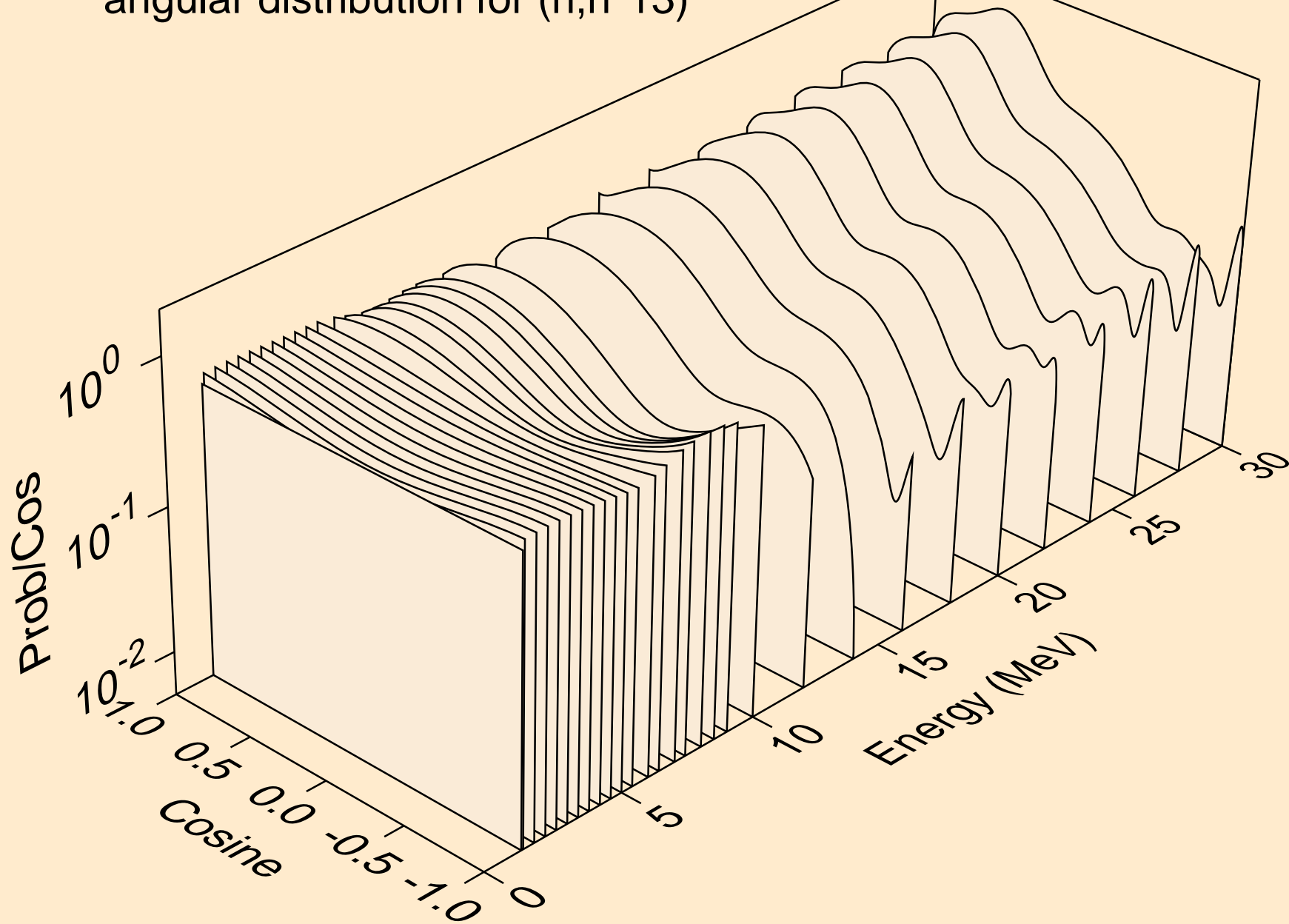




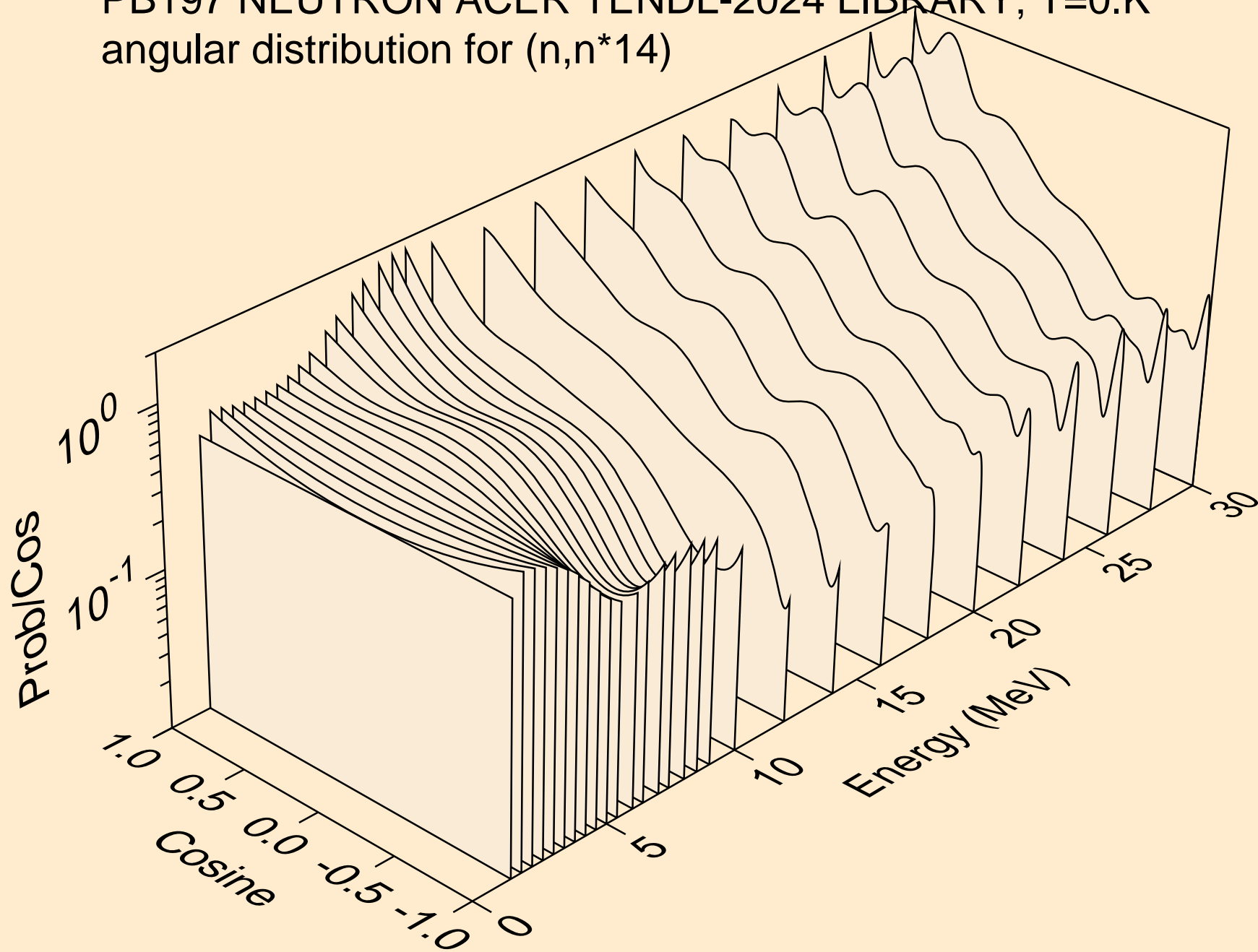
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angular distribution for (n,n\*12)



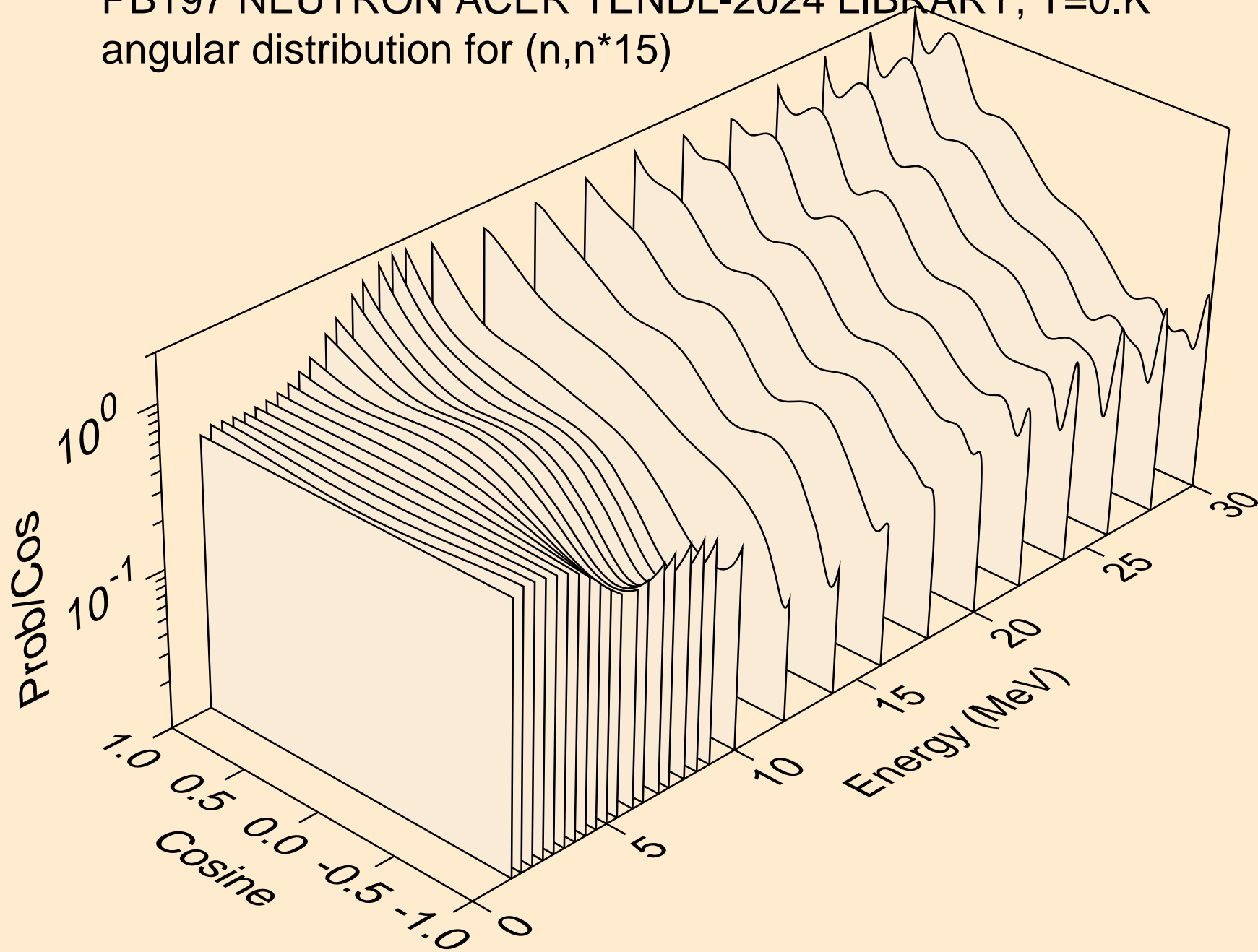
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



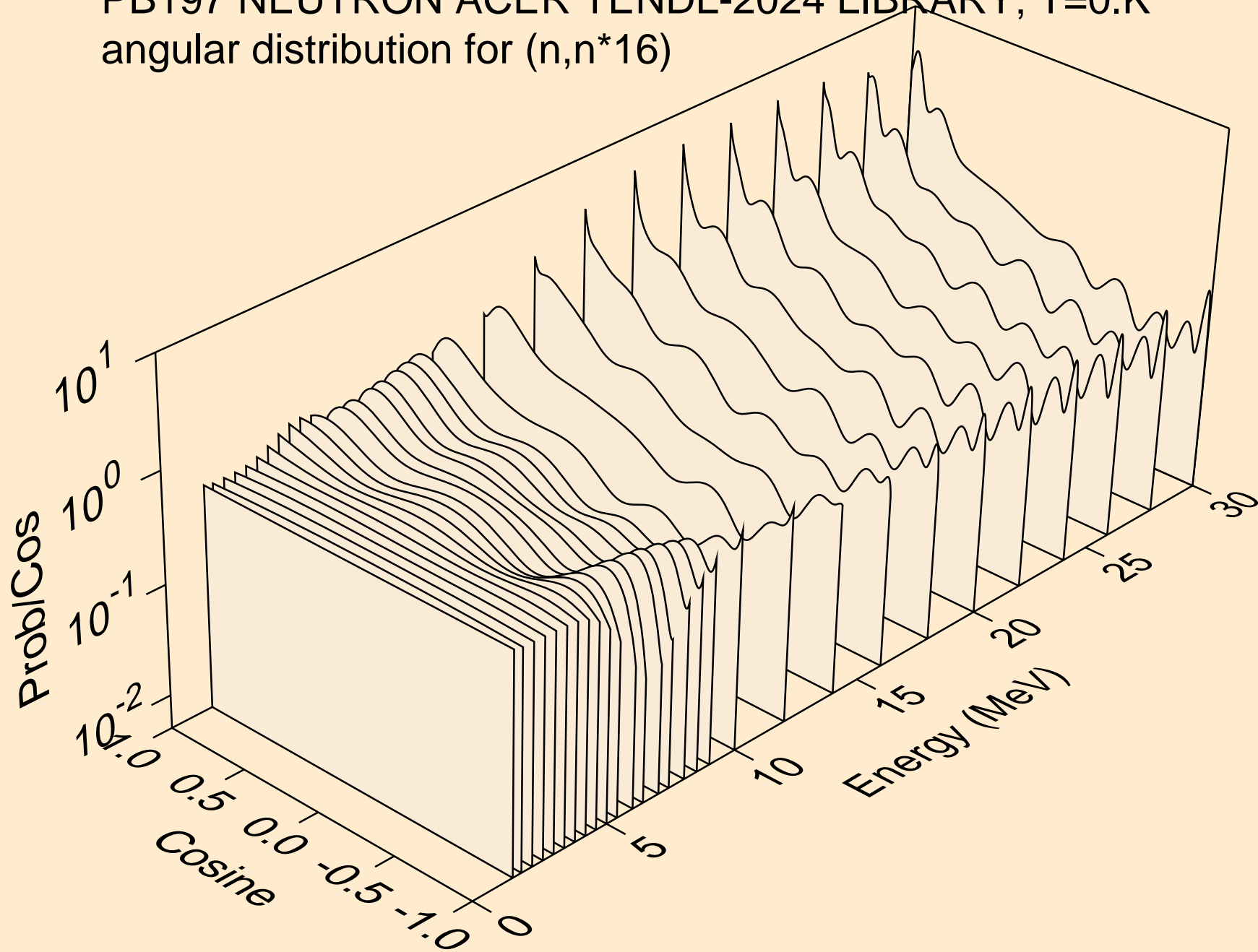
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angular distribution for (n,n\*14)



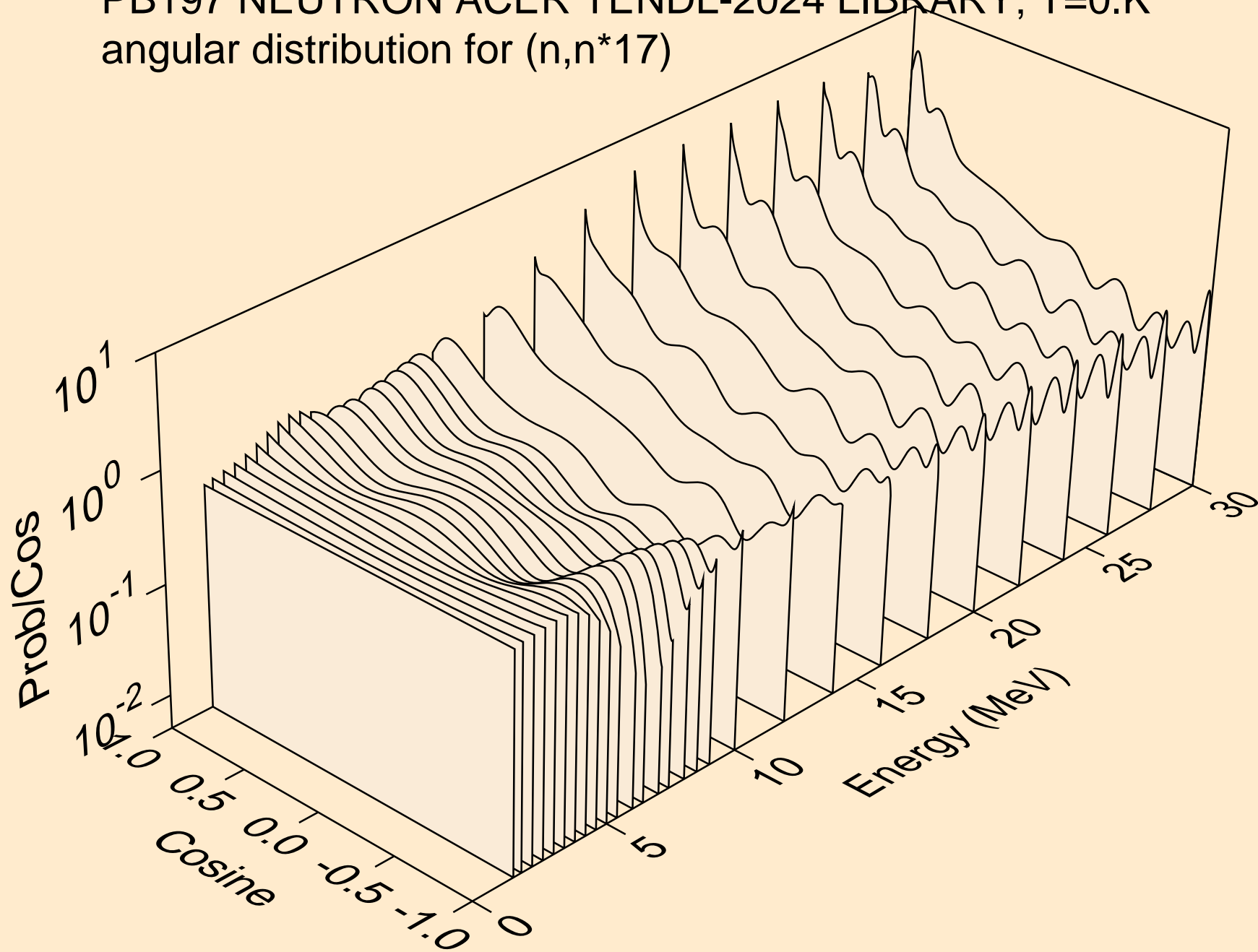
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angular distribution for (n,n\*15)



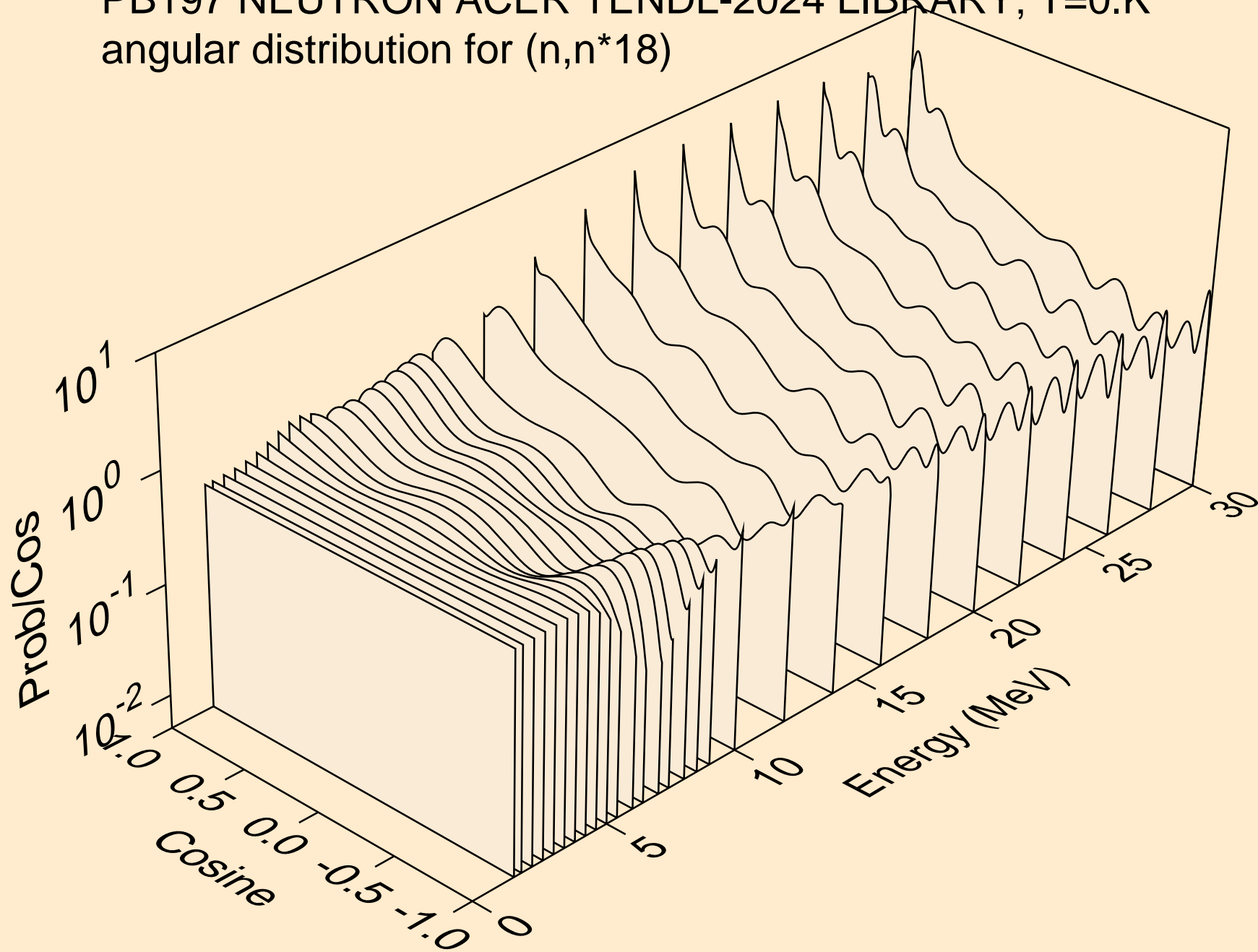
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angular distribution for (n,n\*16)



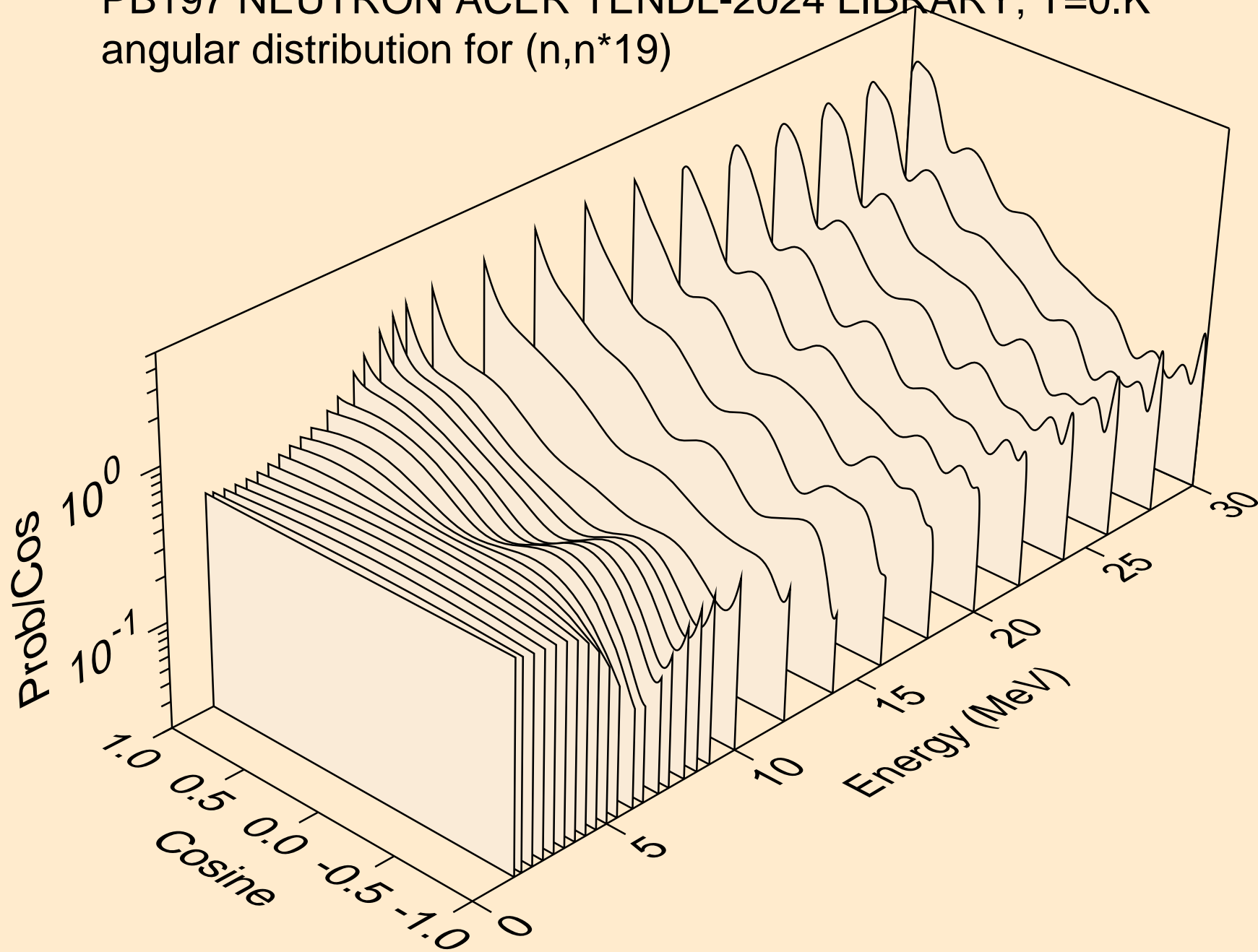
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

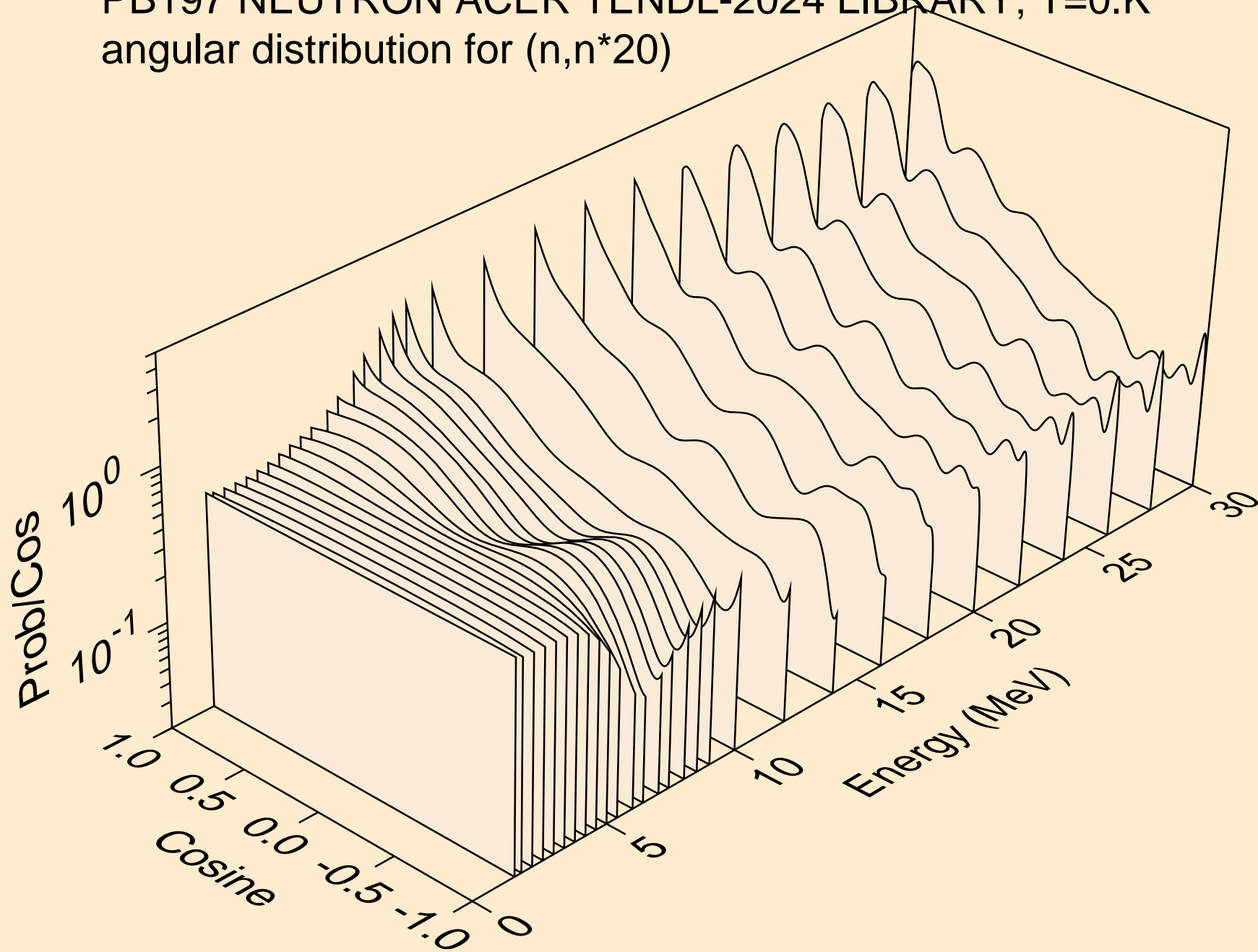


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angular distribution for (n,n\*19)

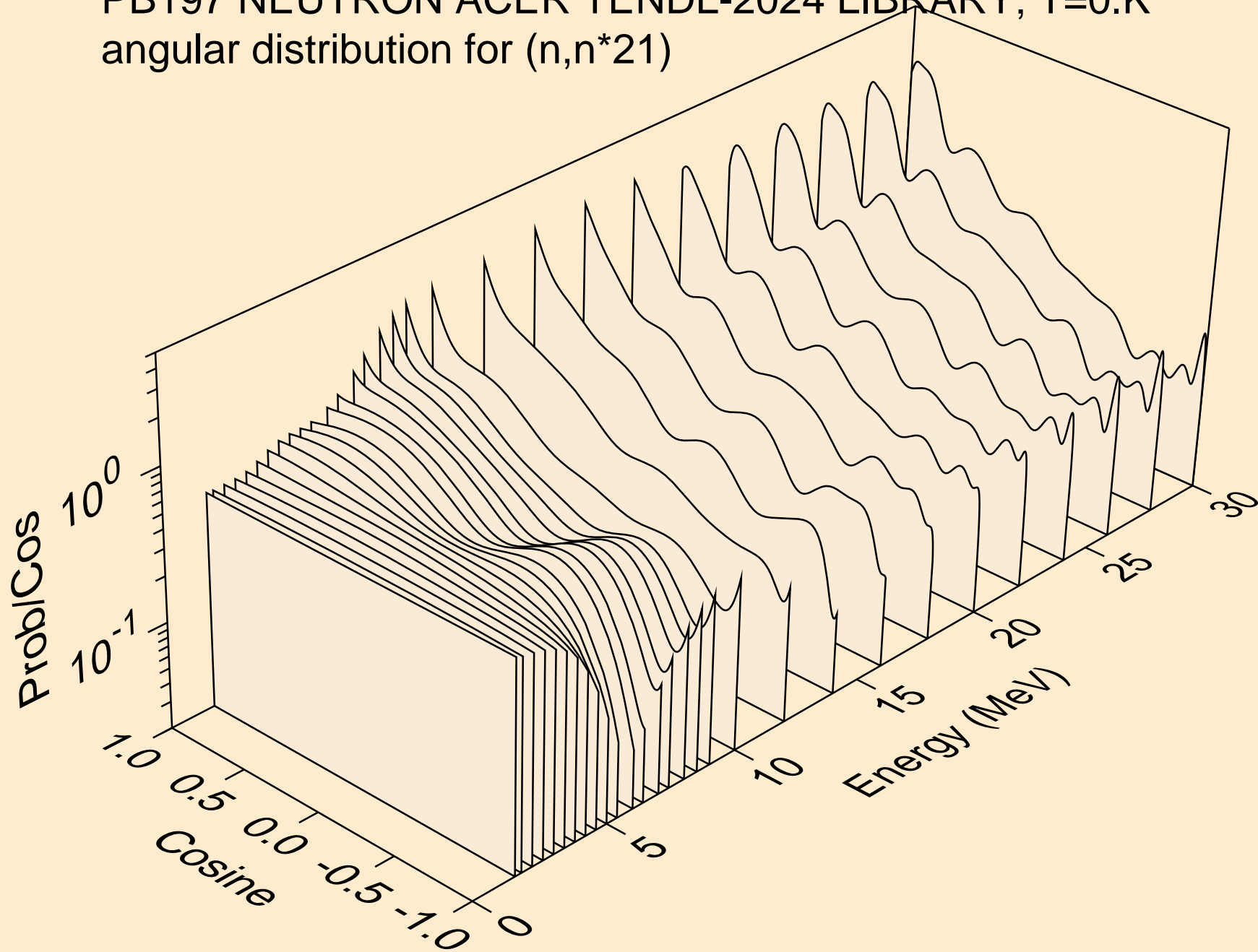




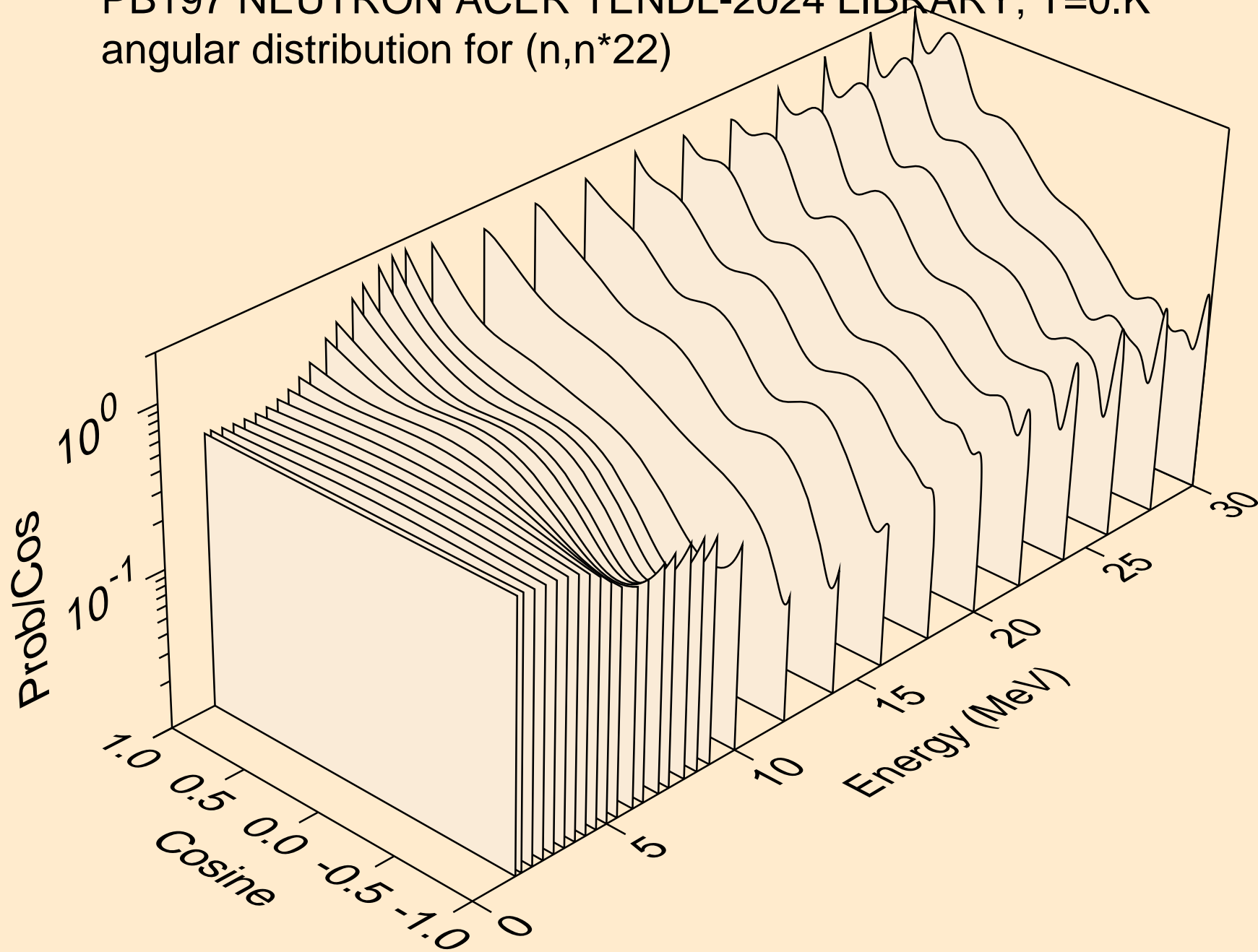
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angular distribution for (n,n\*20)



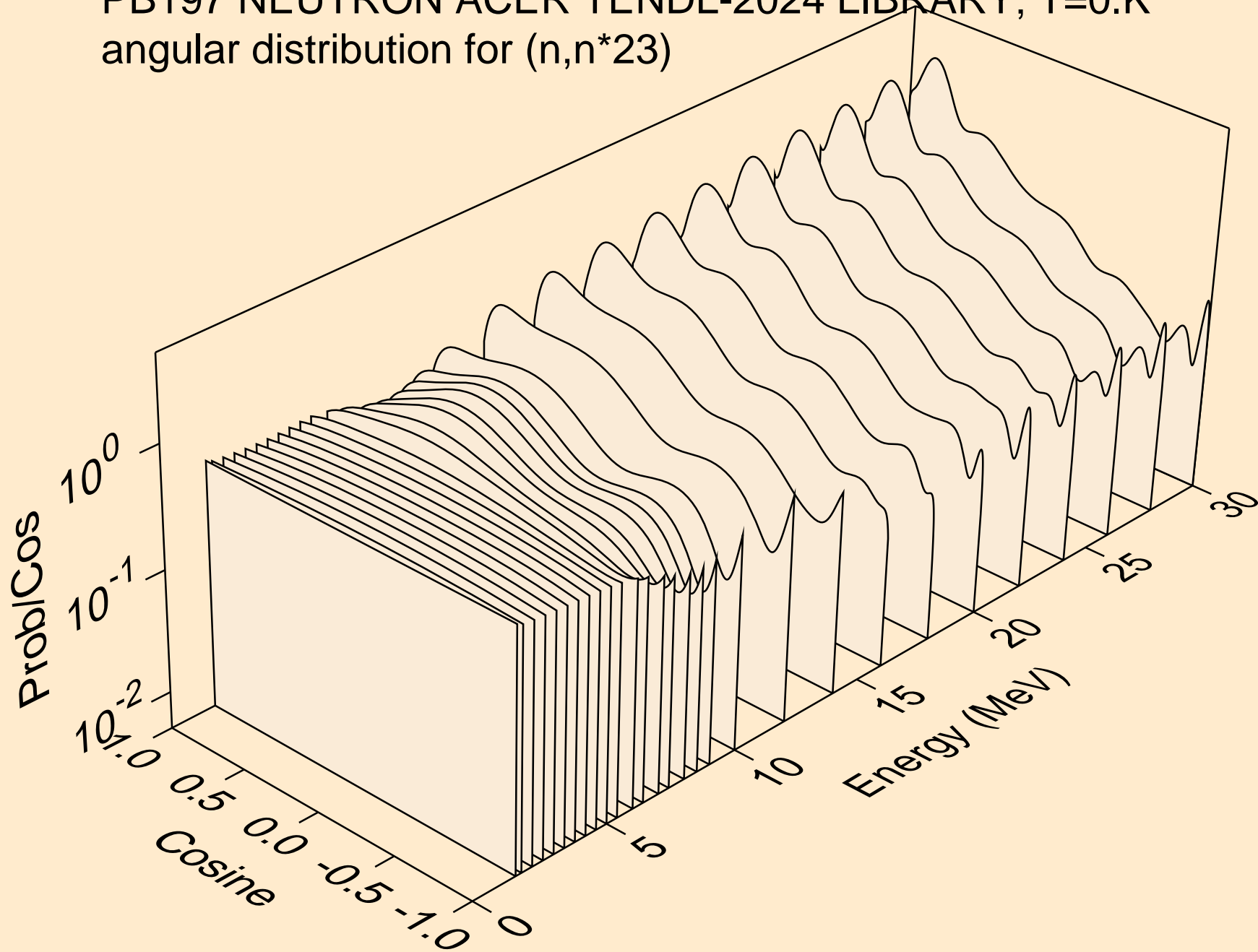
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angular distribution for (n,n\*21)



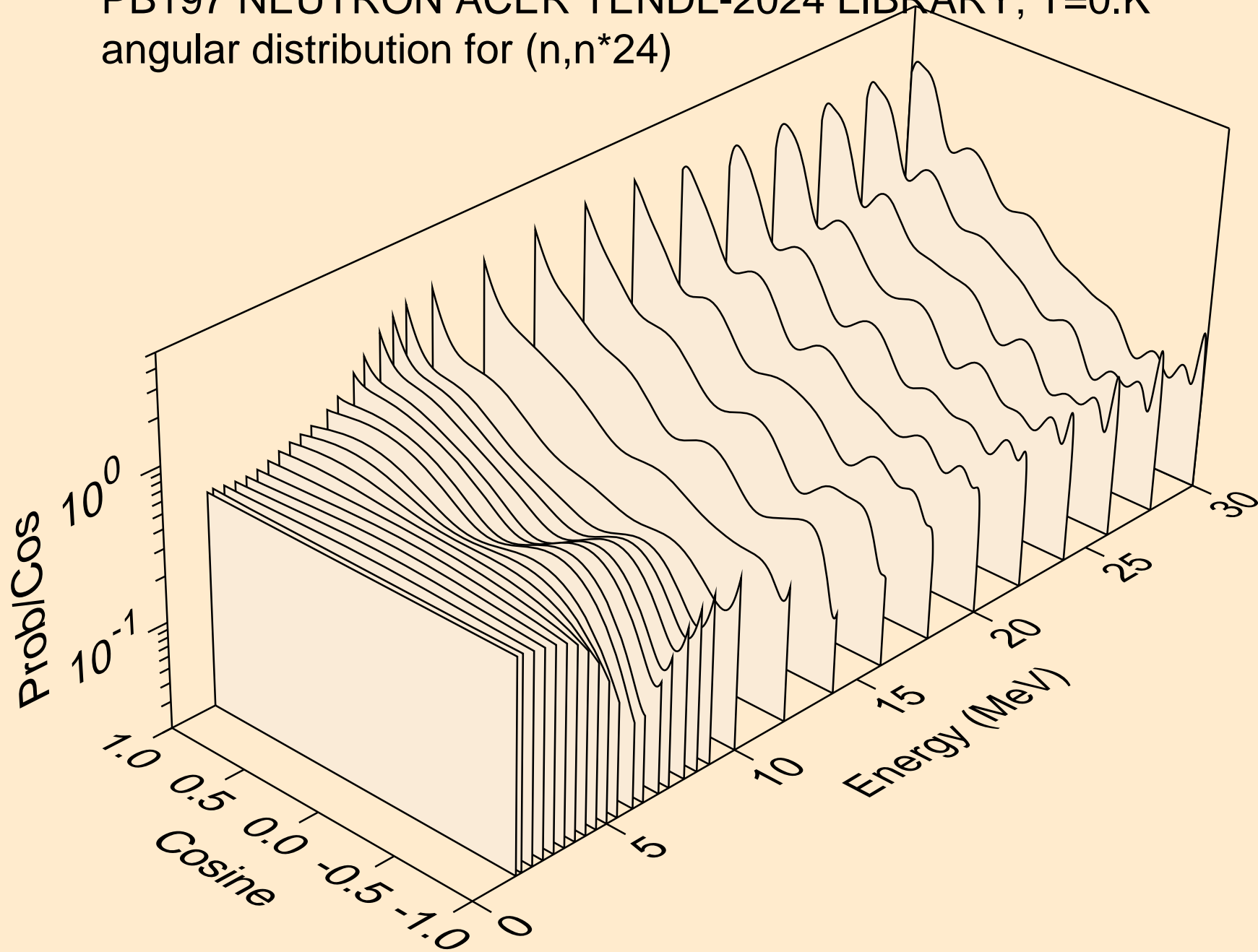
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angular distribution for (n,n\*22)



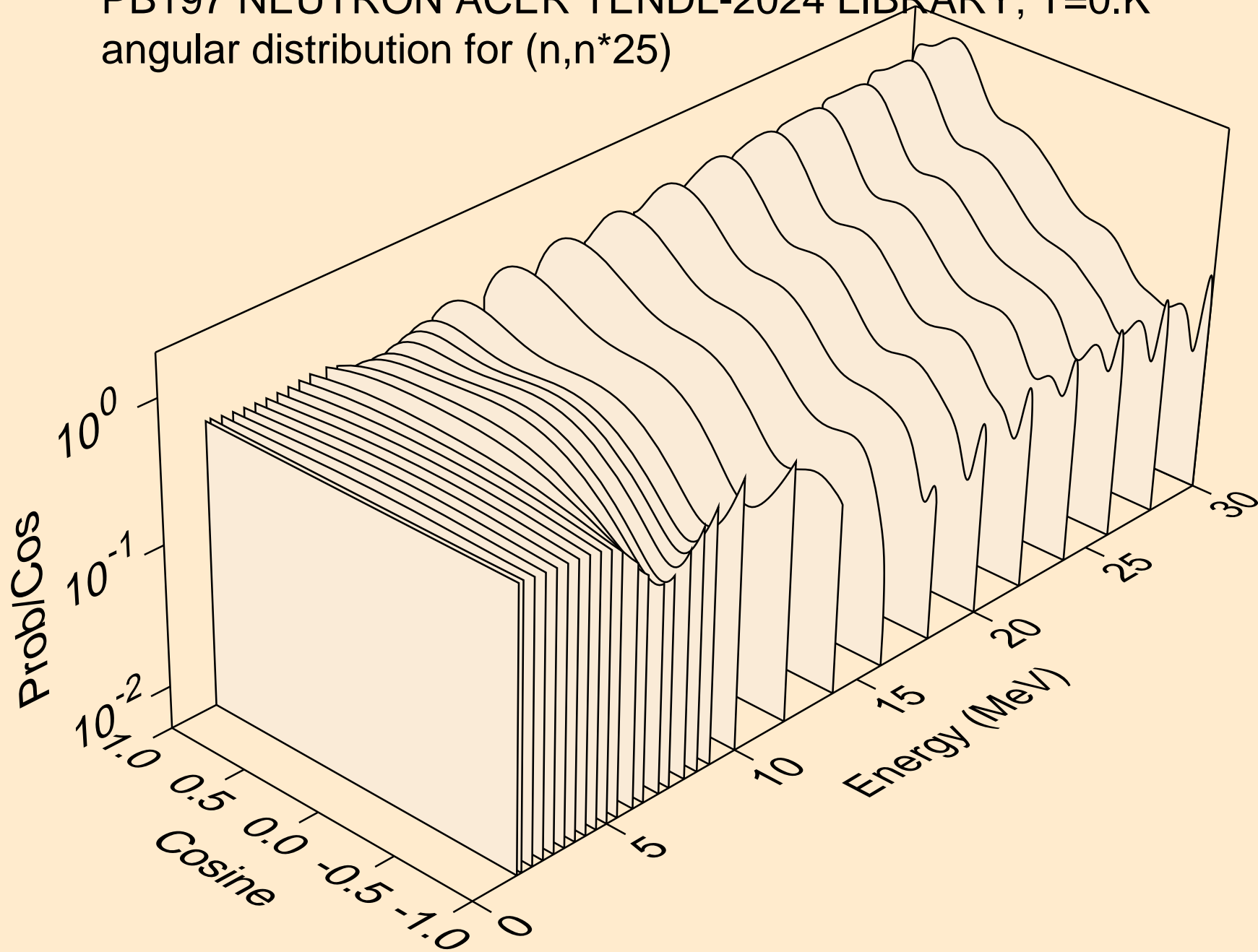
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angular distribution for (n,n\*23)



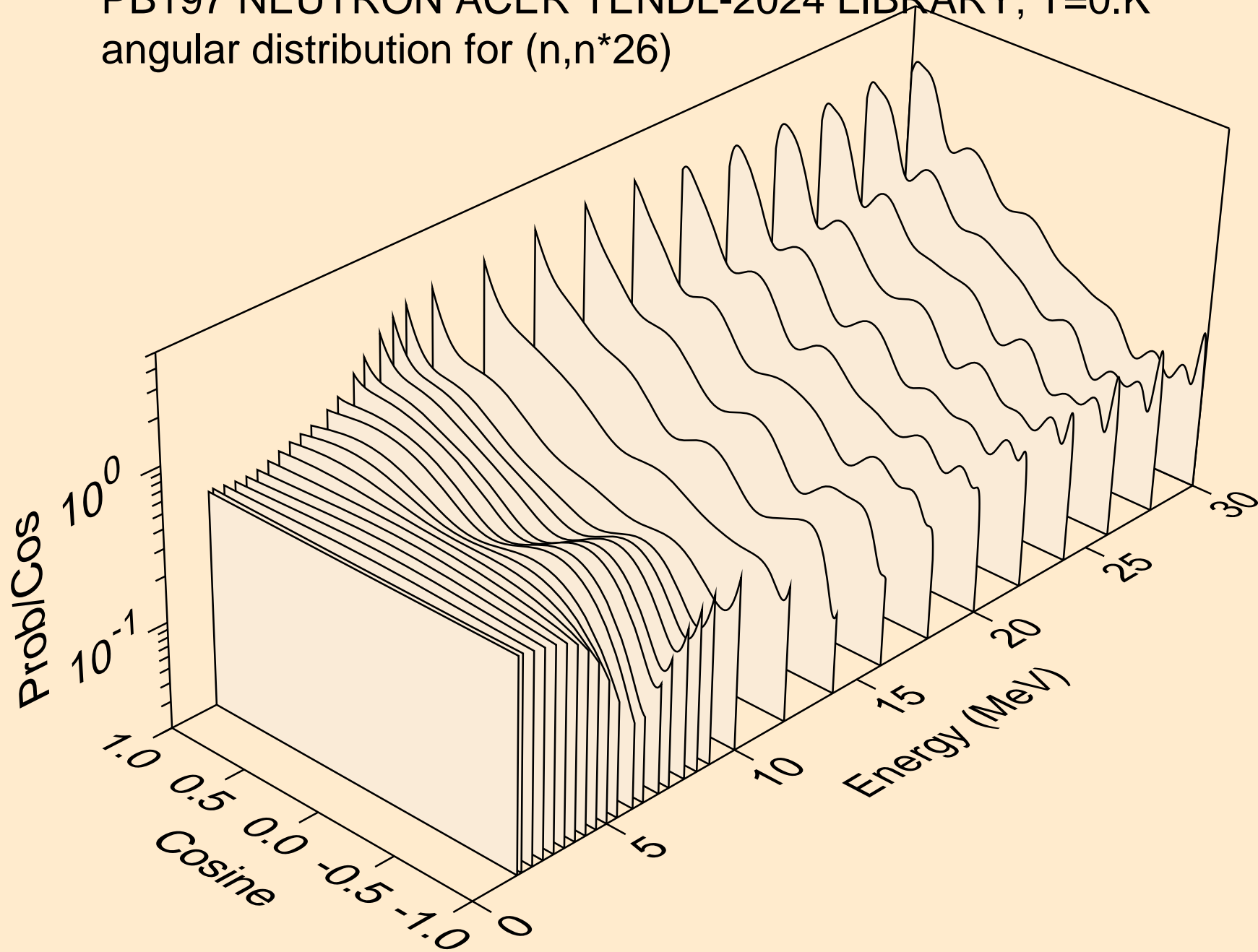
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angular distribution for (n,n\*24)



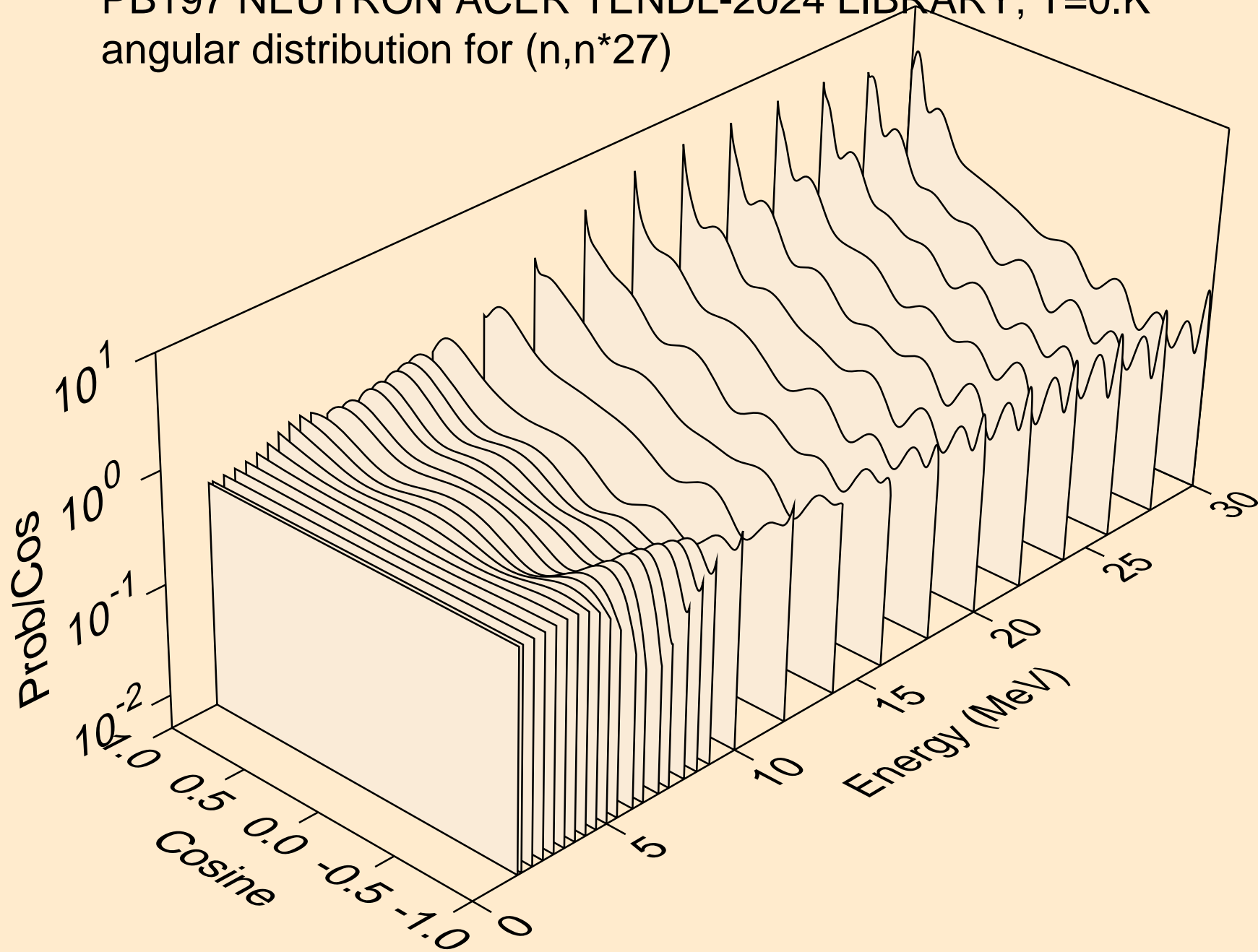
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

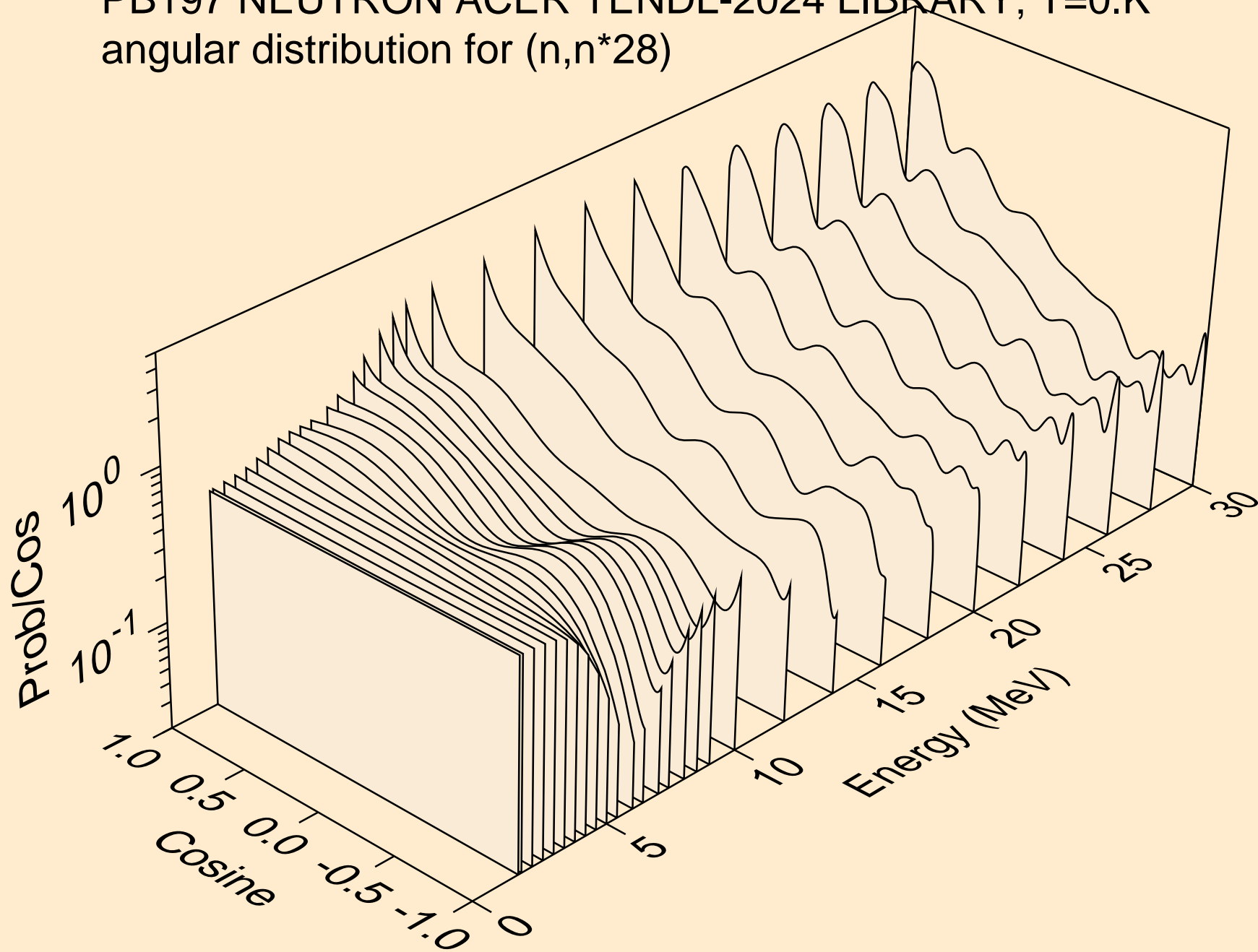


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

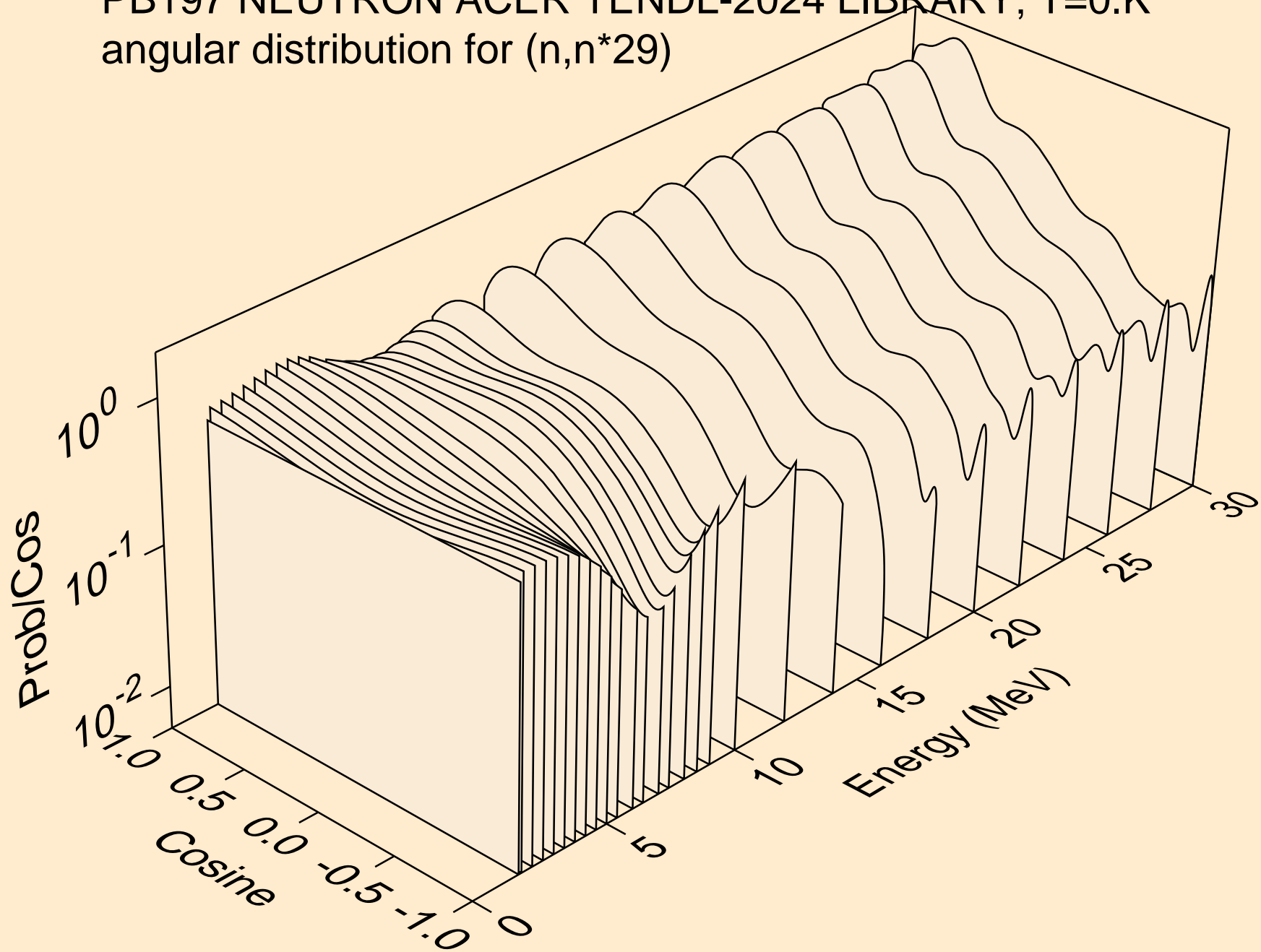




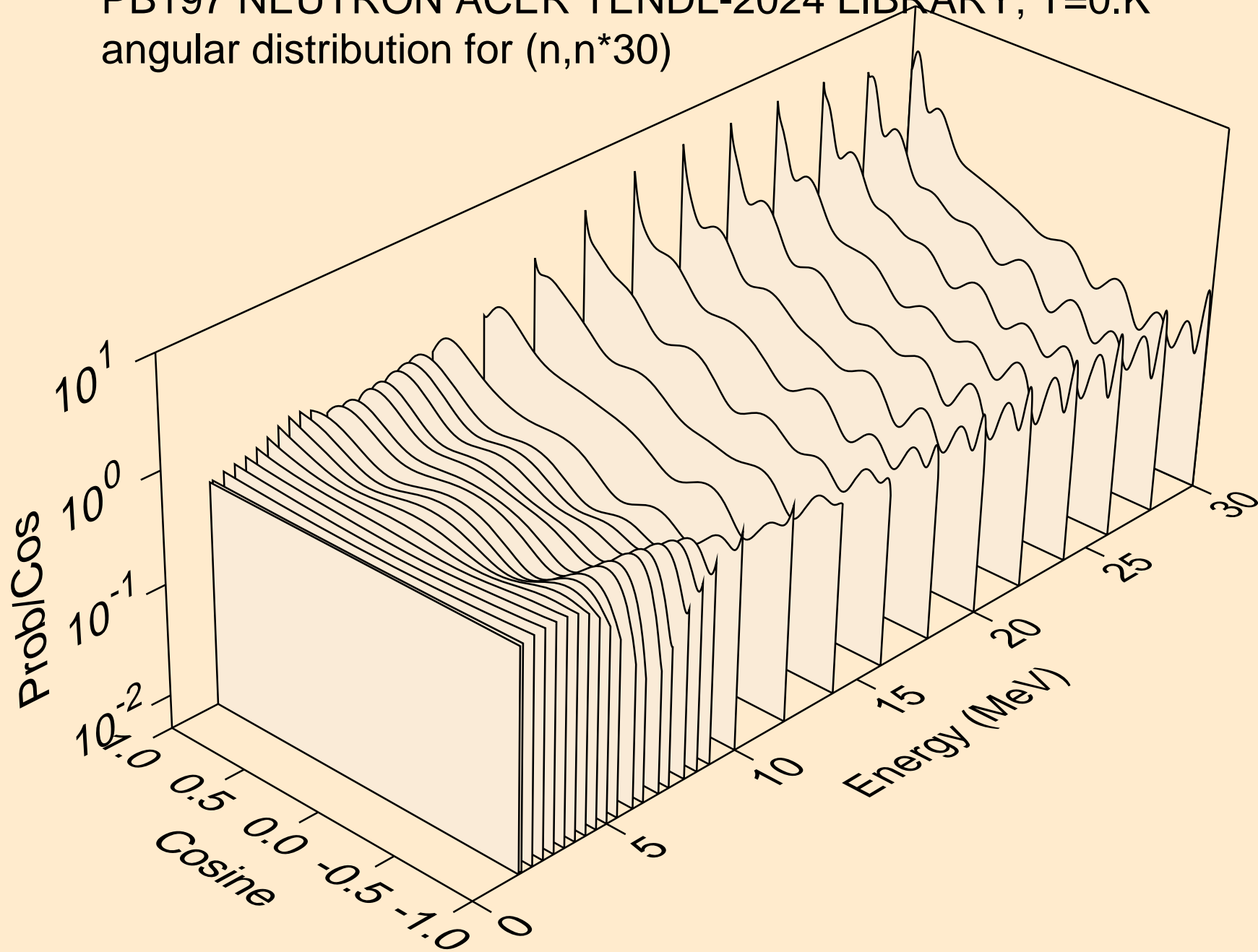
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angular distribution for (n,n\*28)



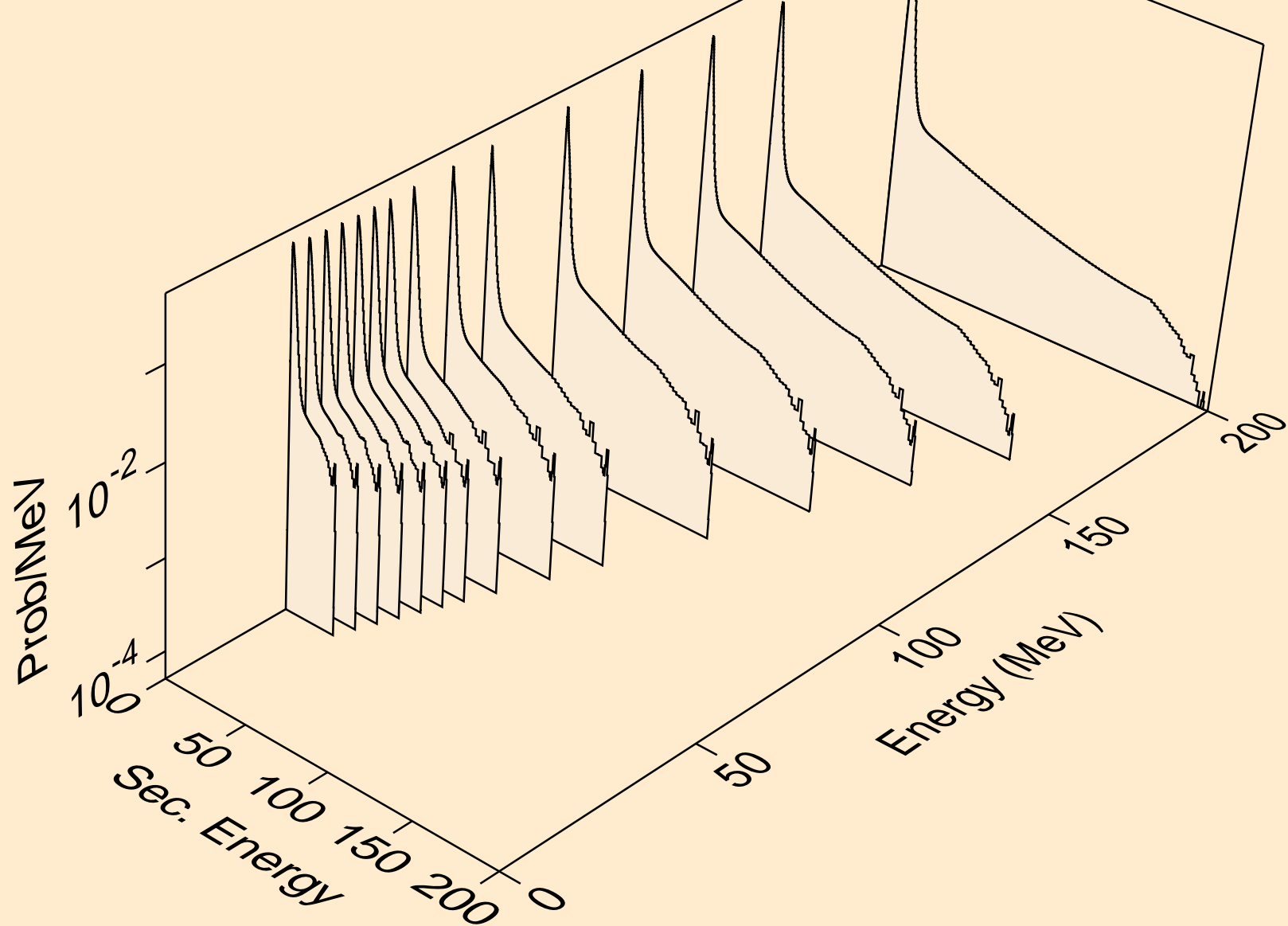
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



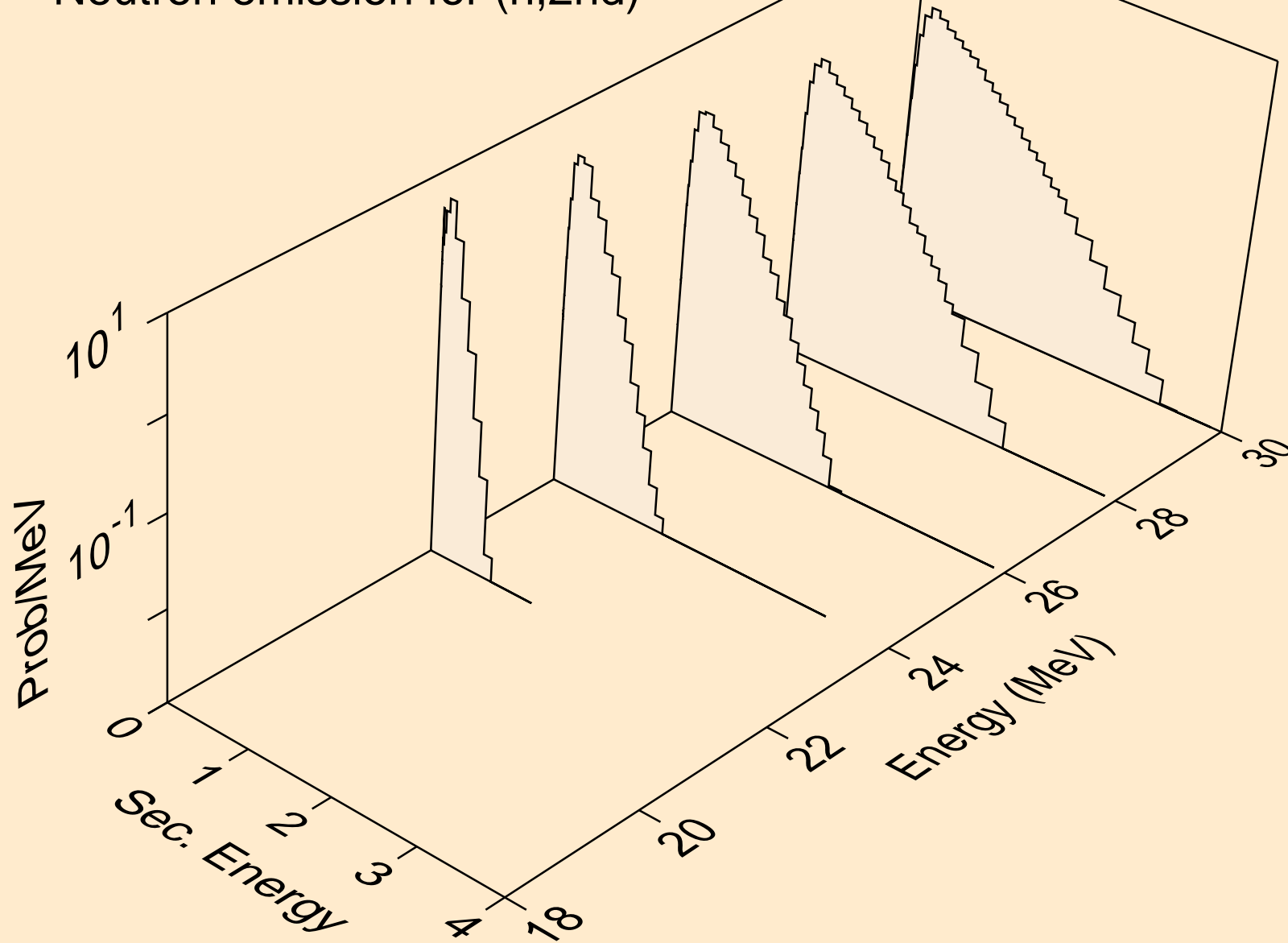
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



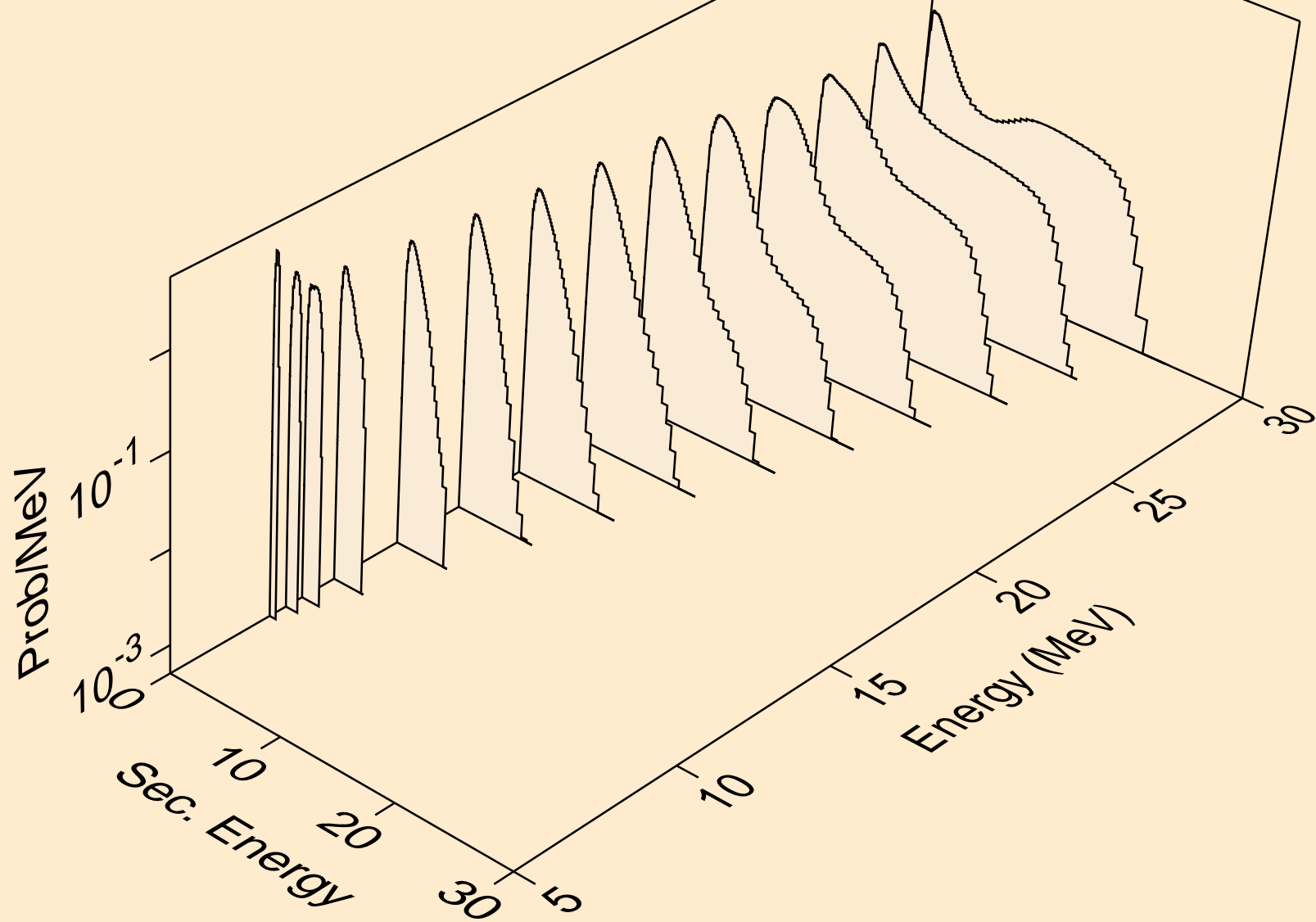
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



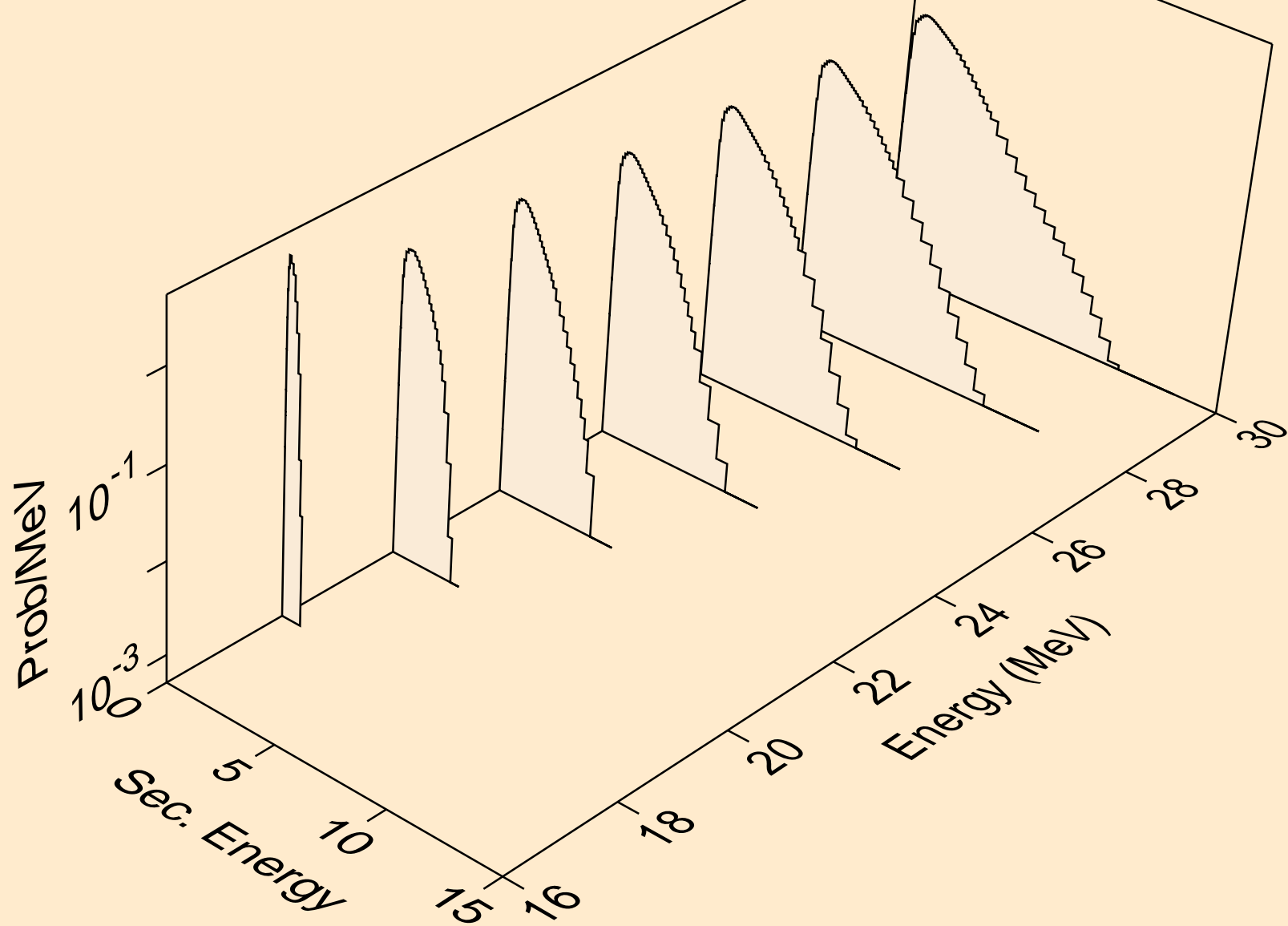
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



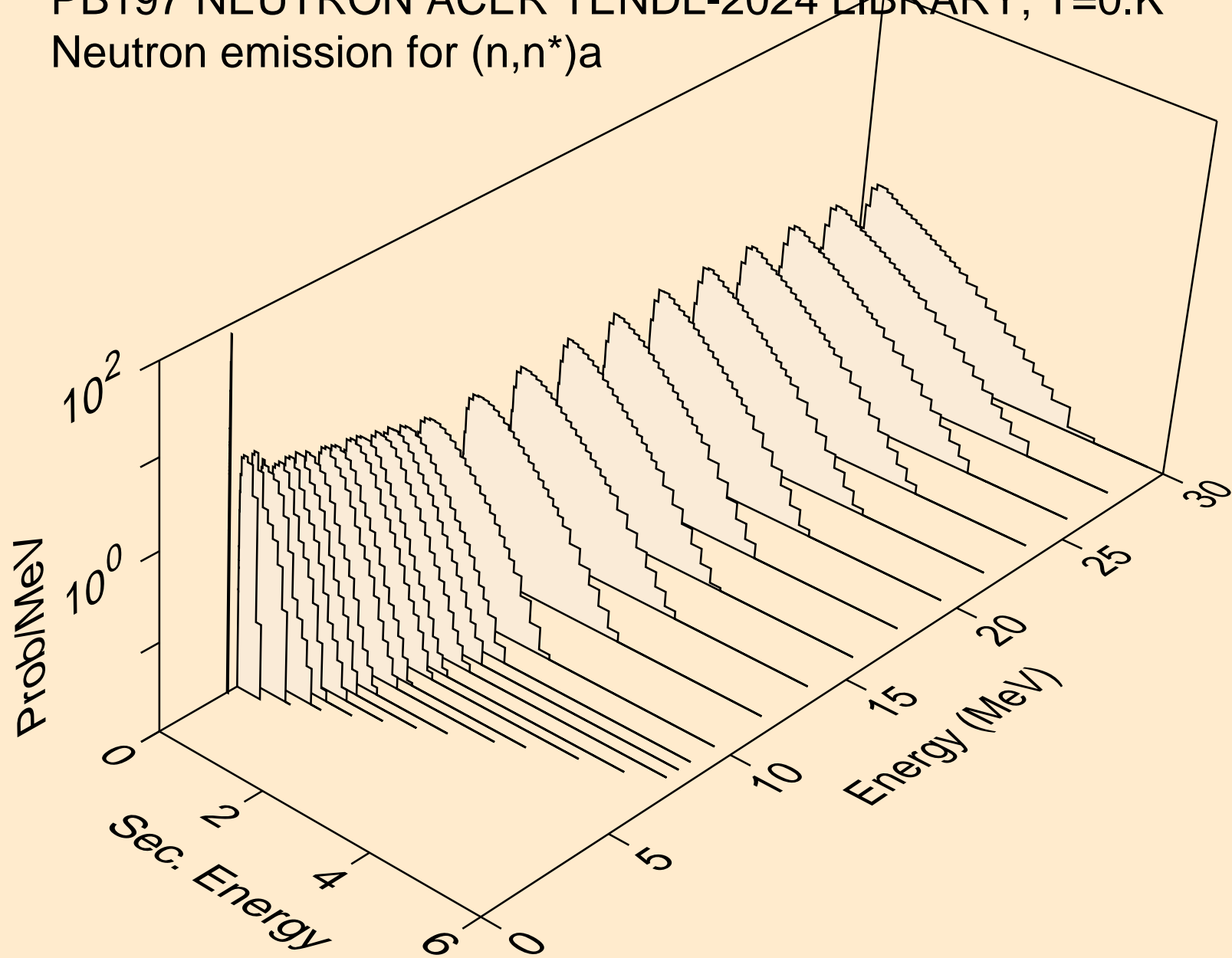
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

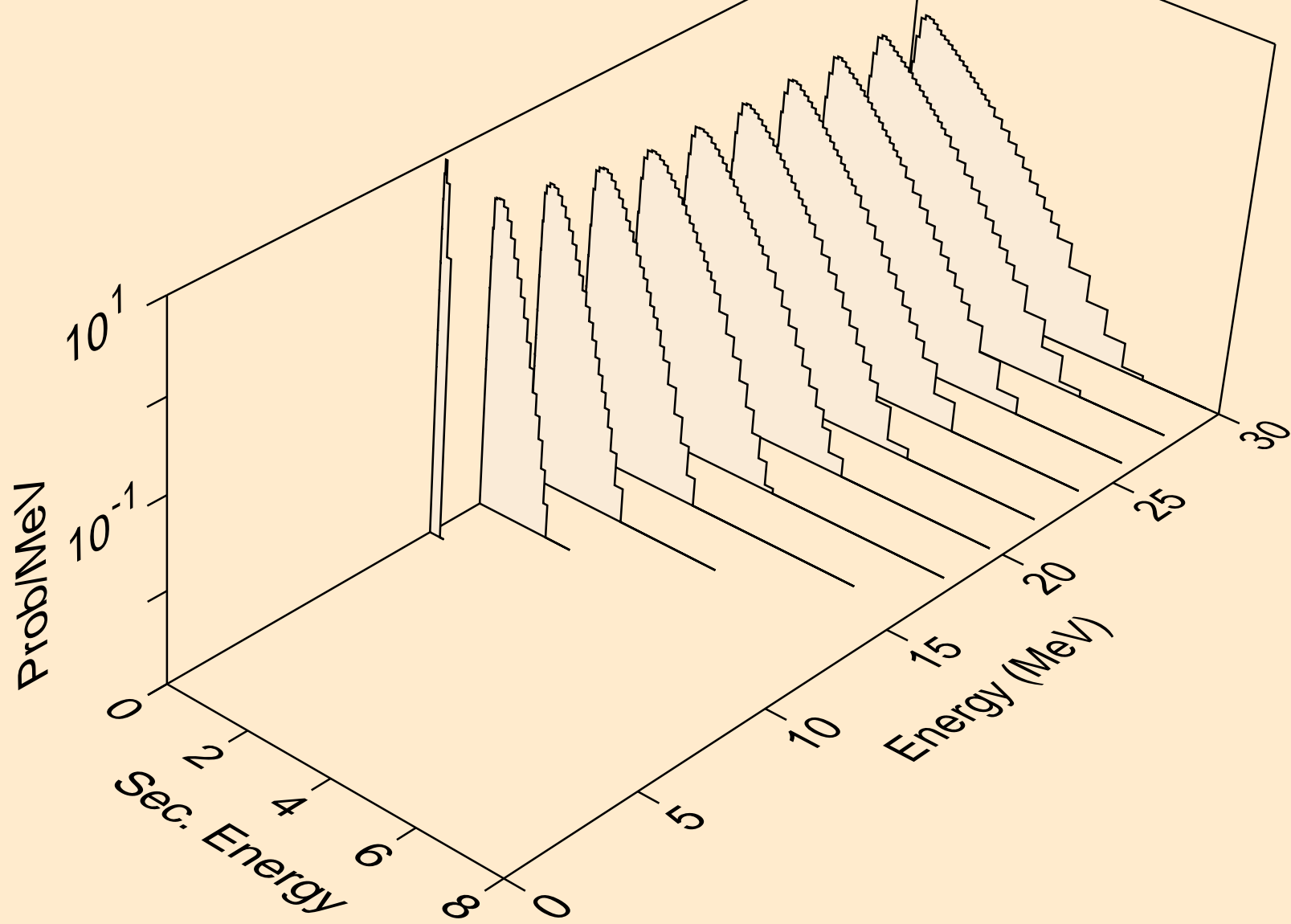


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

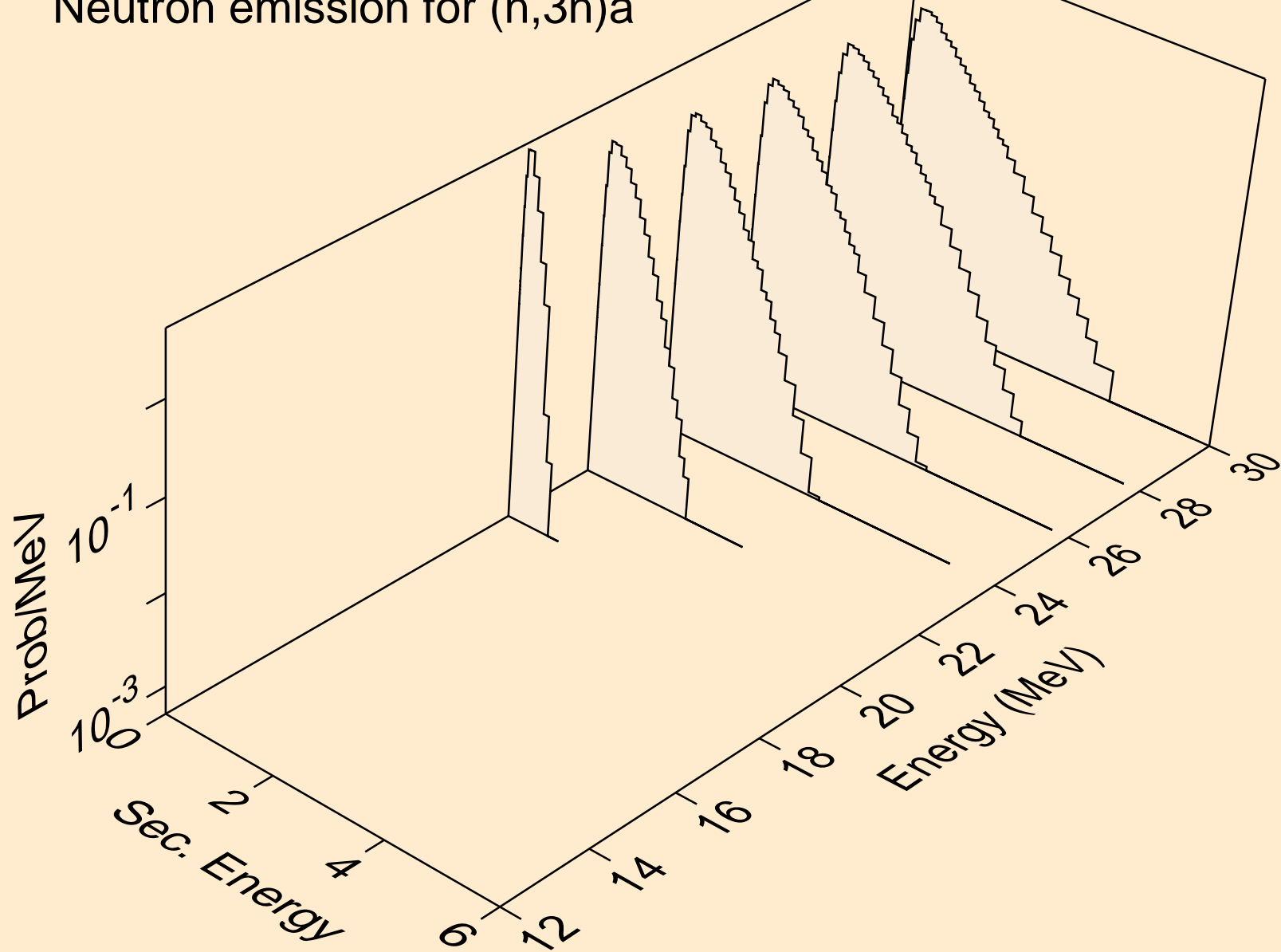




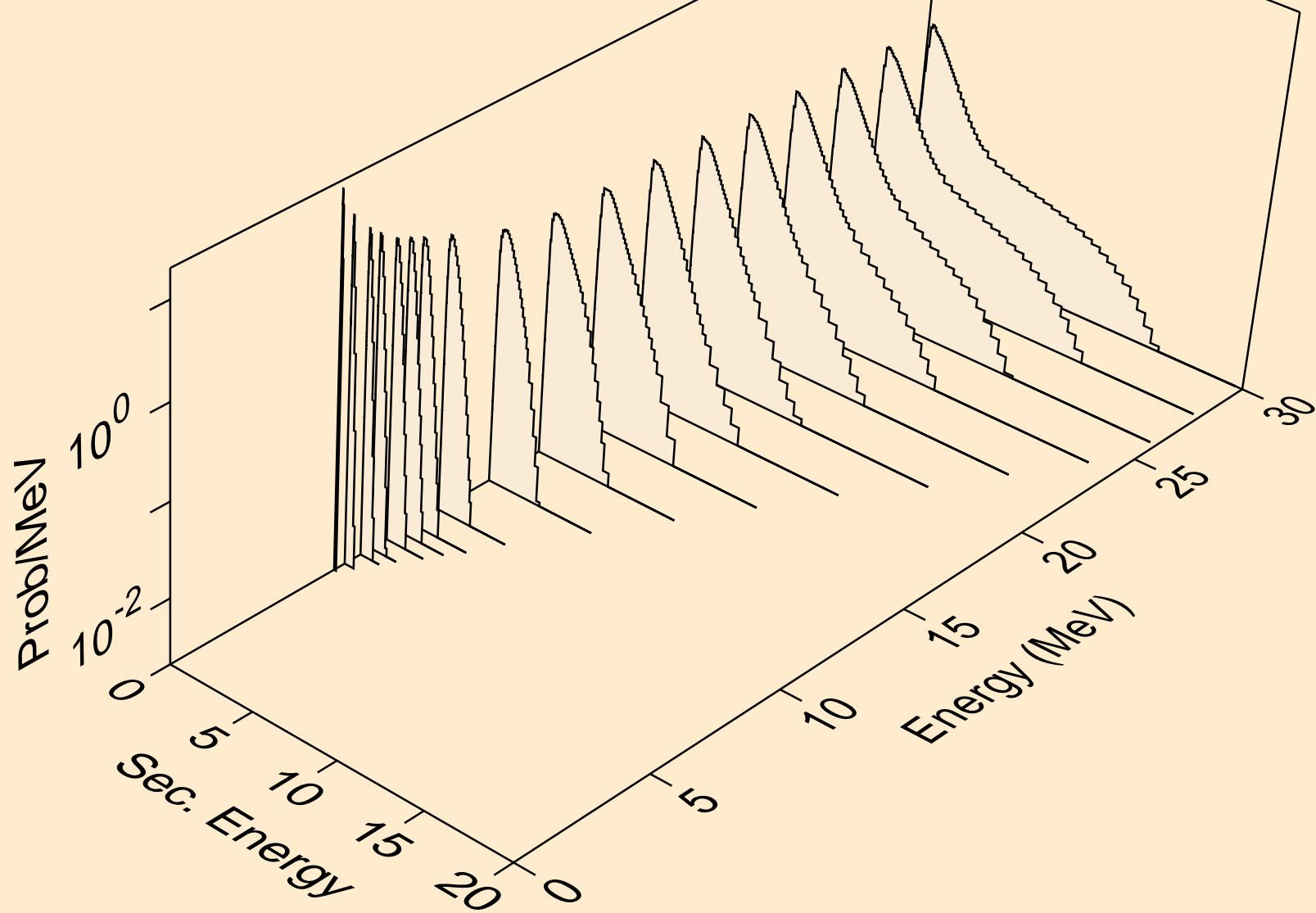
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Neutron emission for (n,2n)a



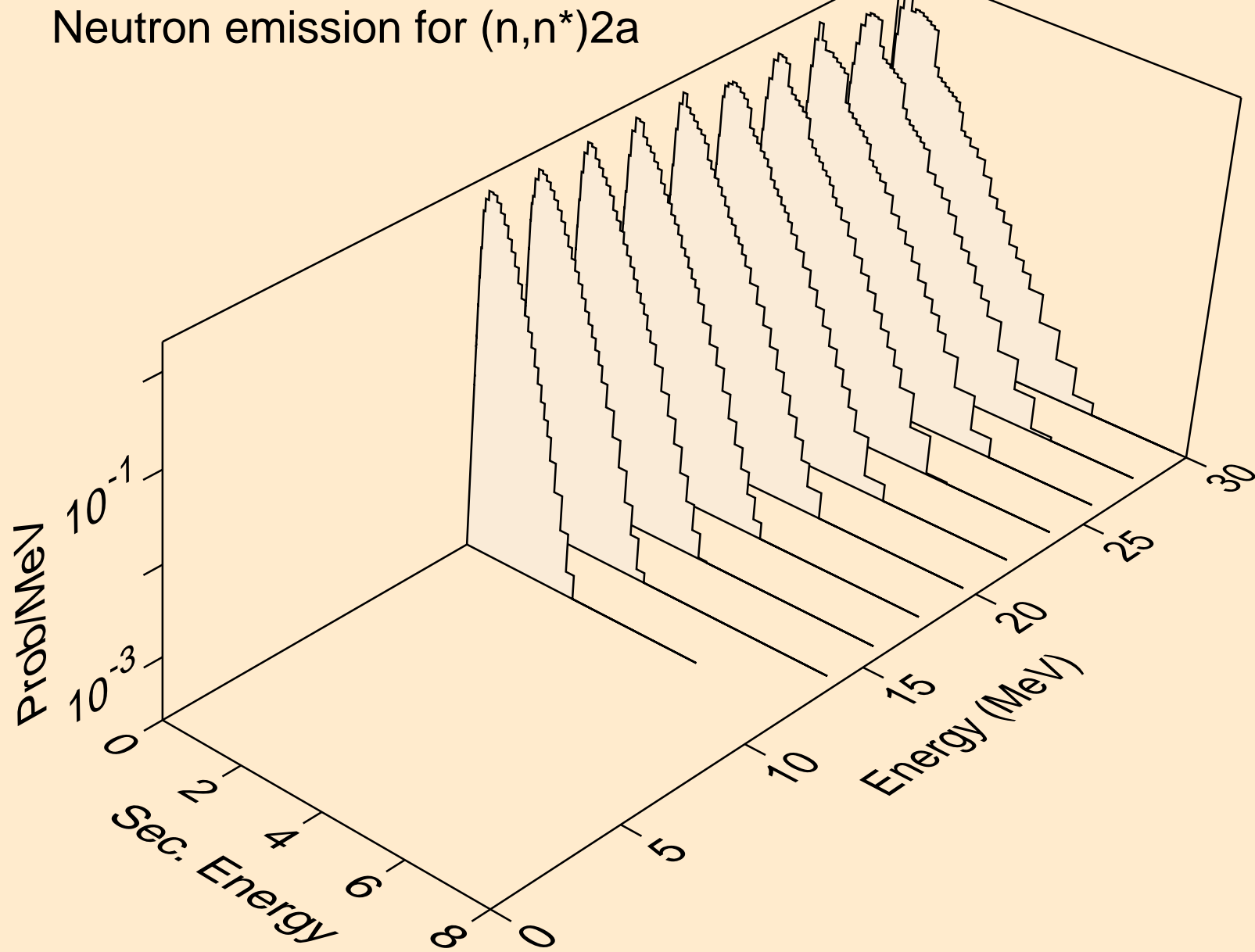
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



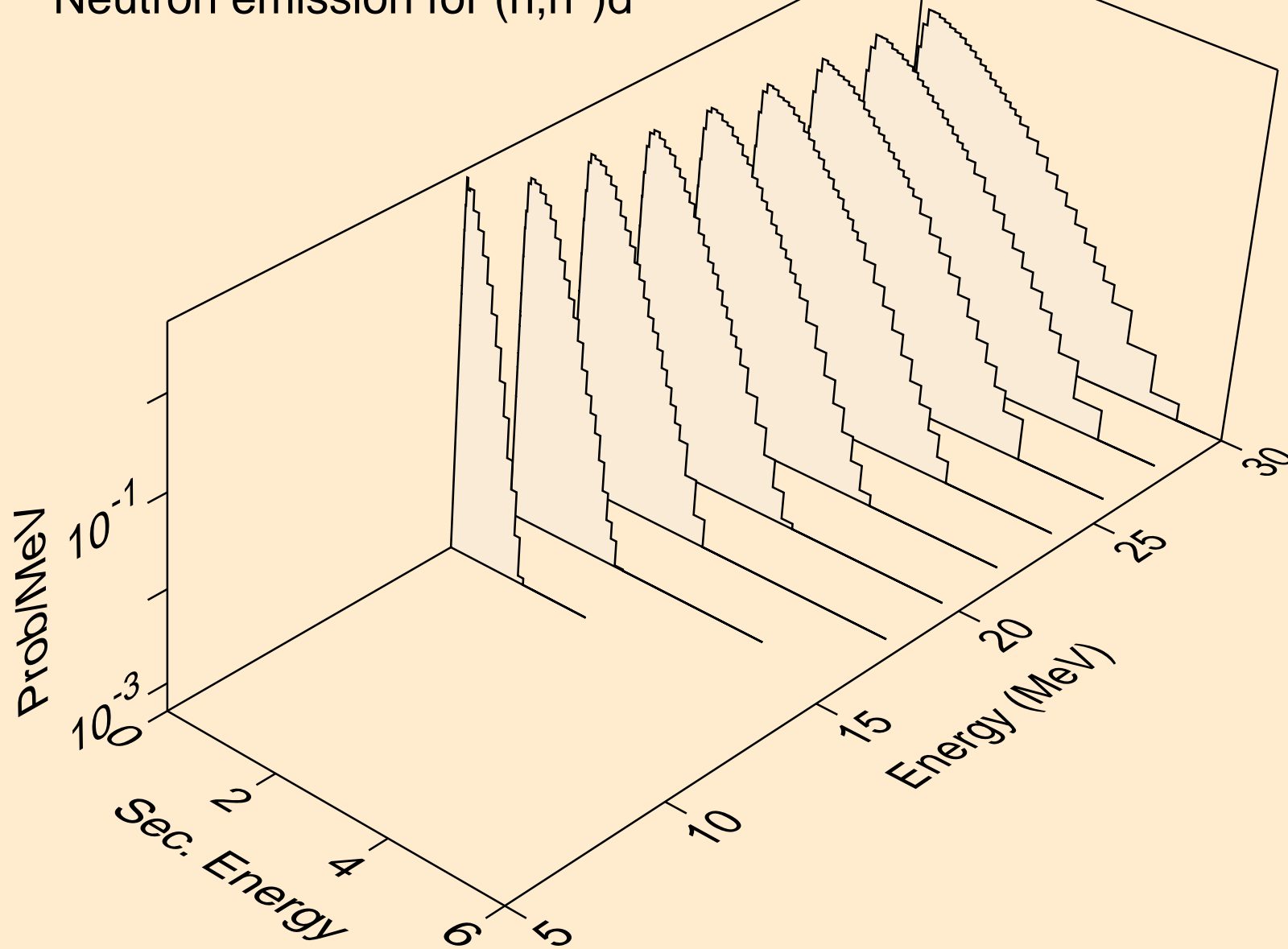
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



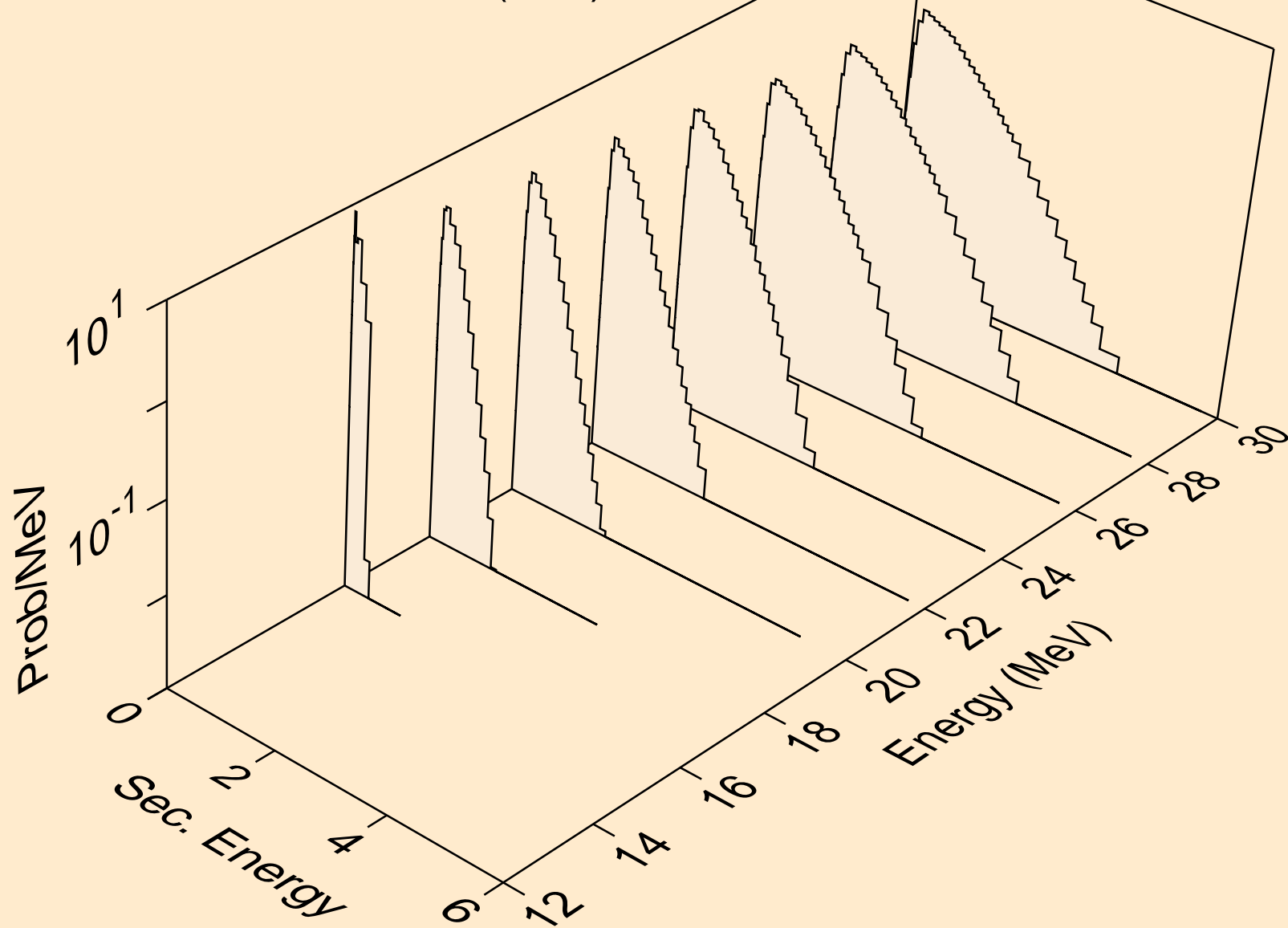
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



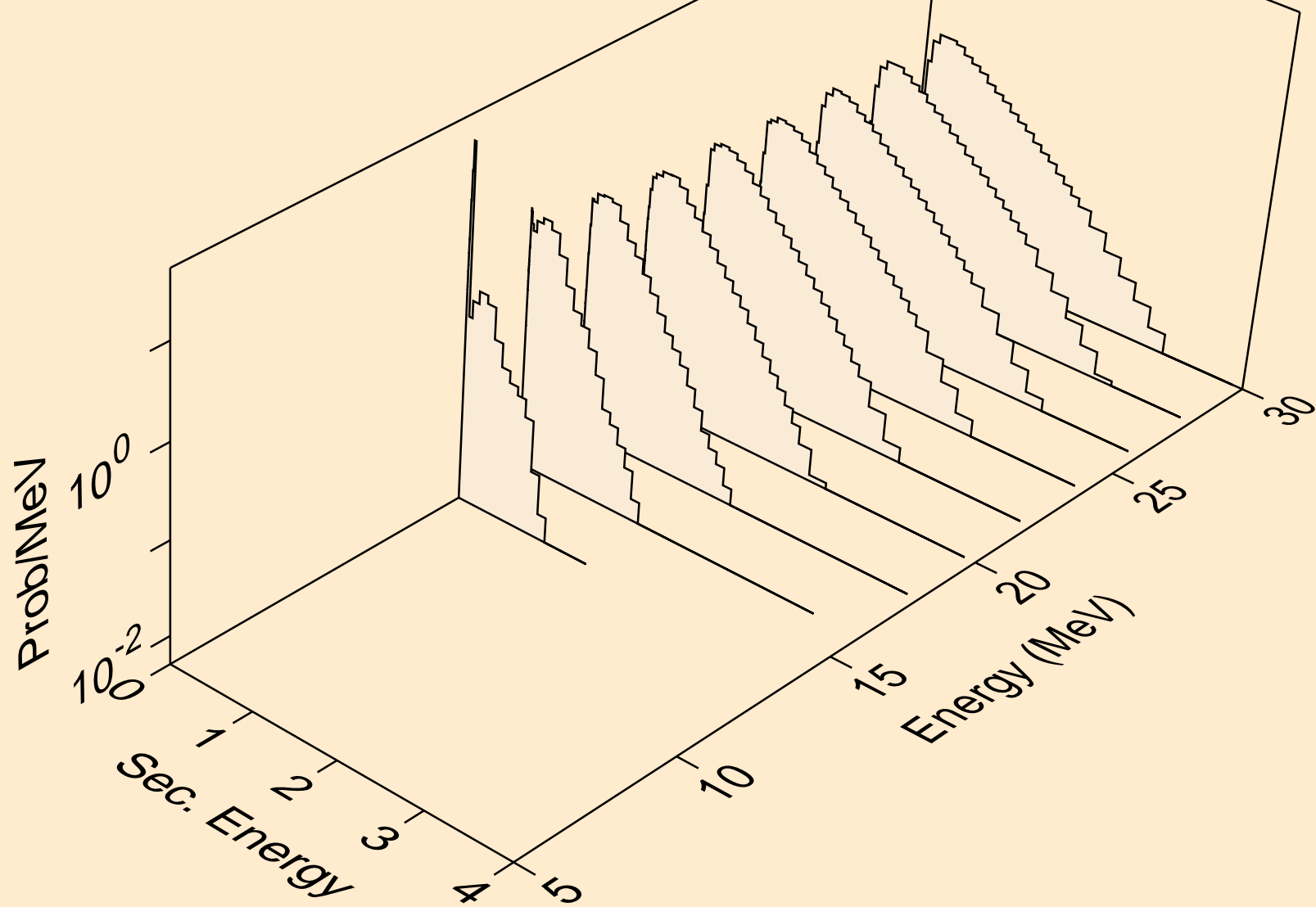
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



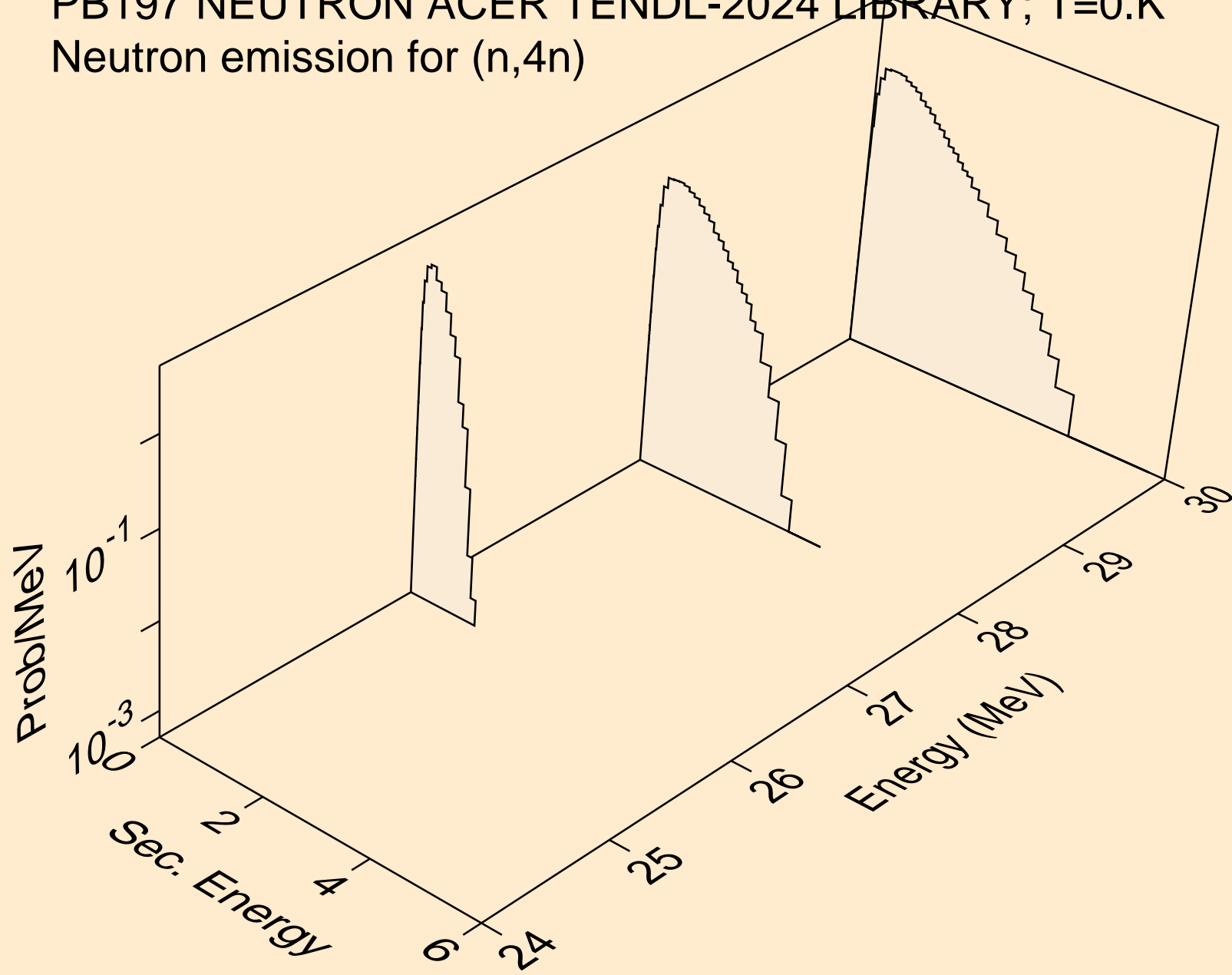
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

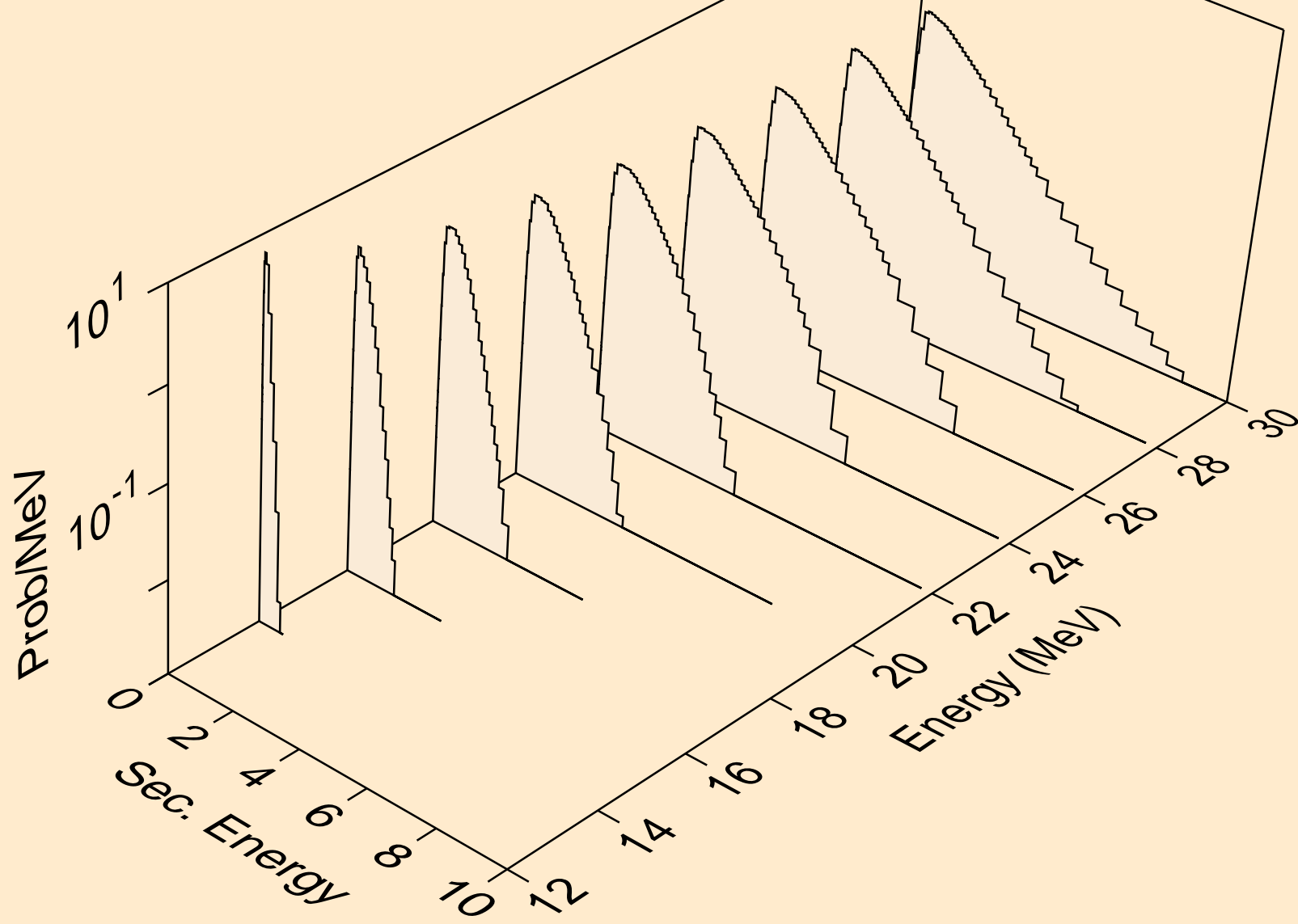


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

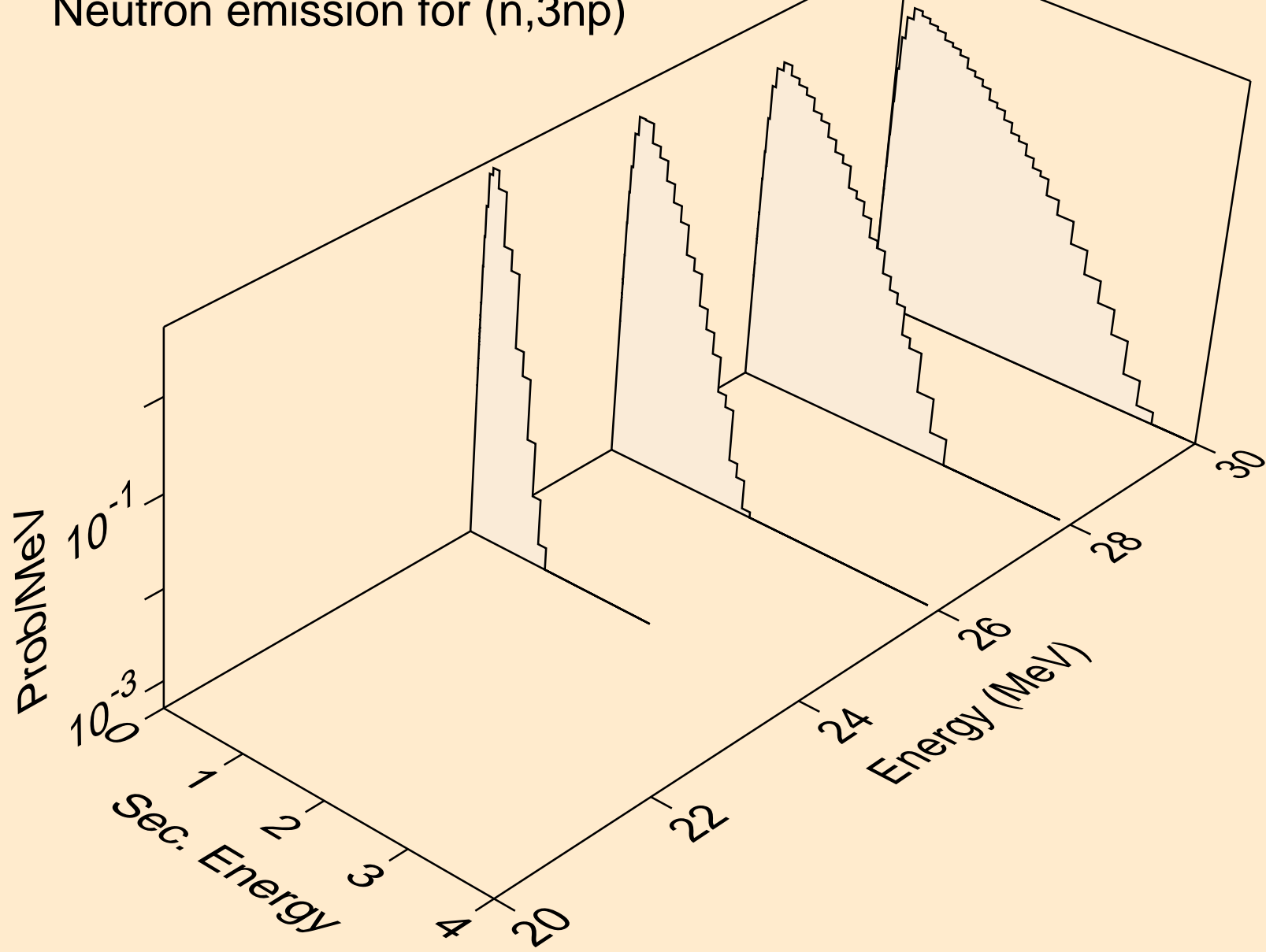




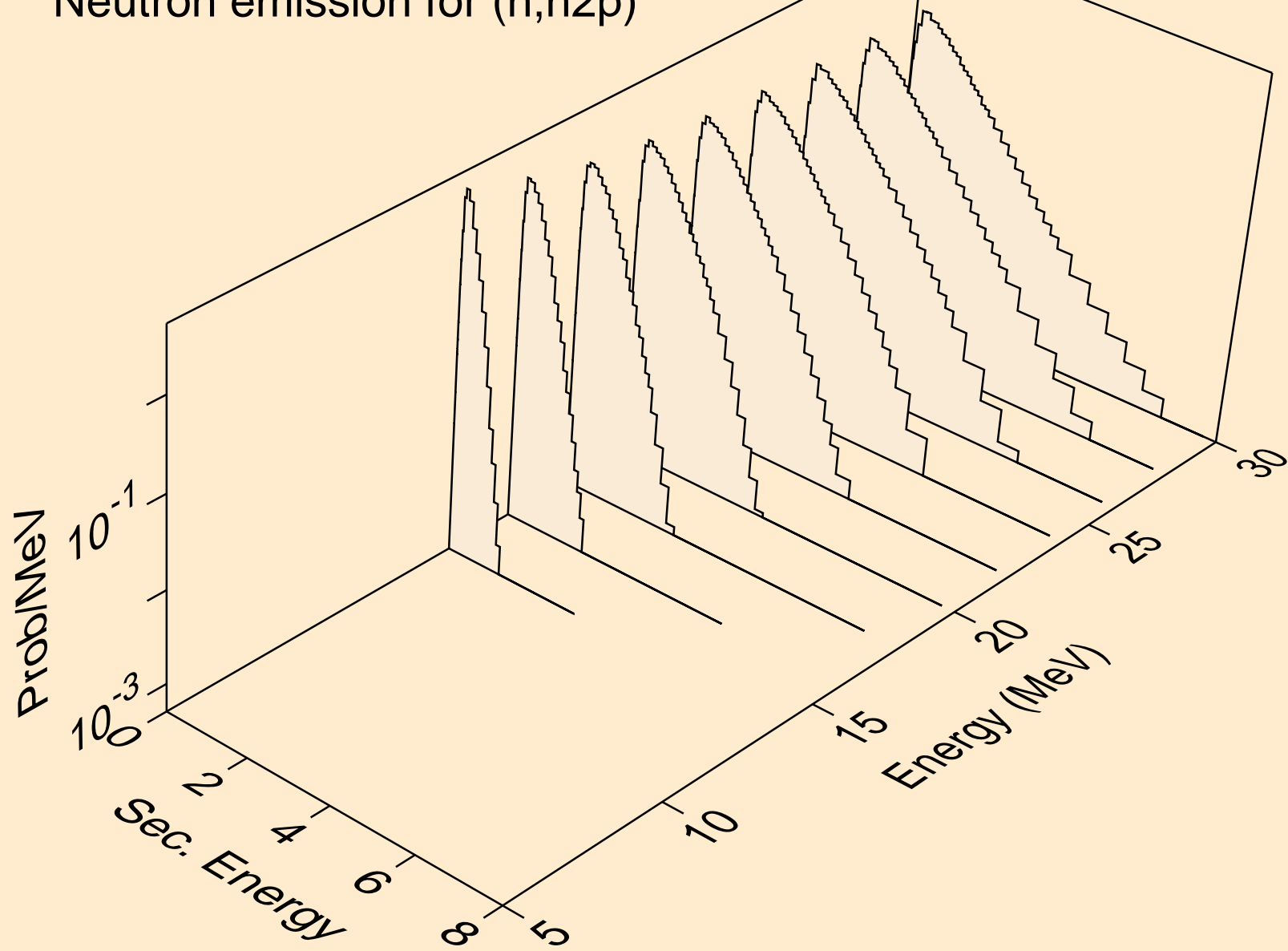
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



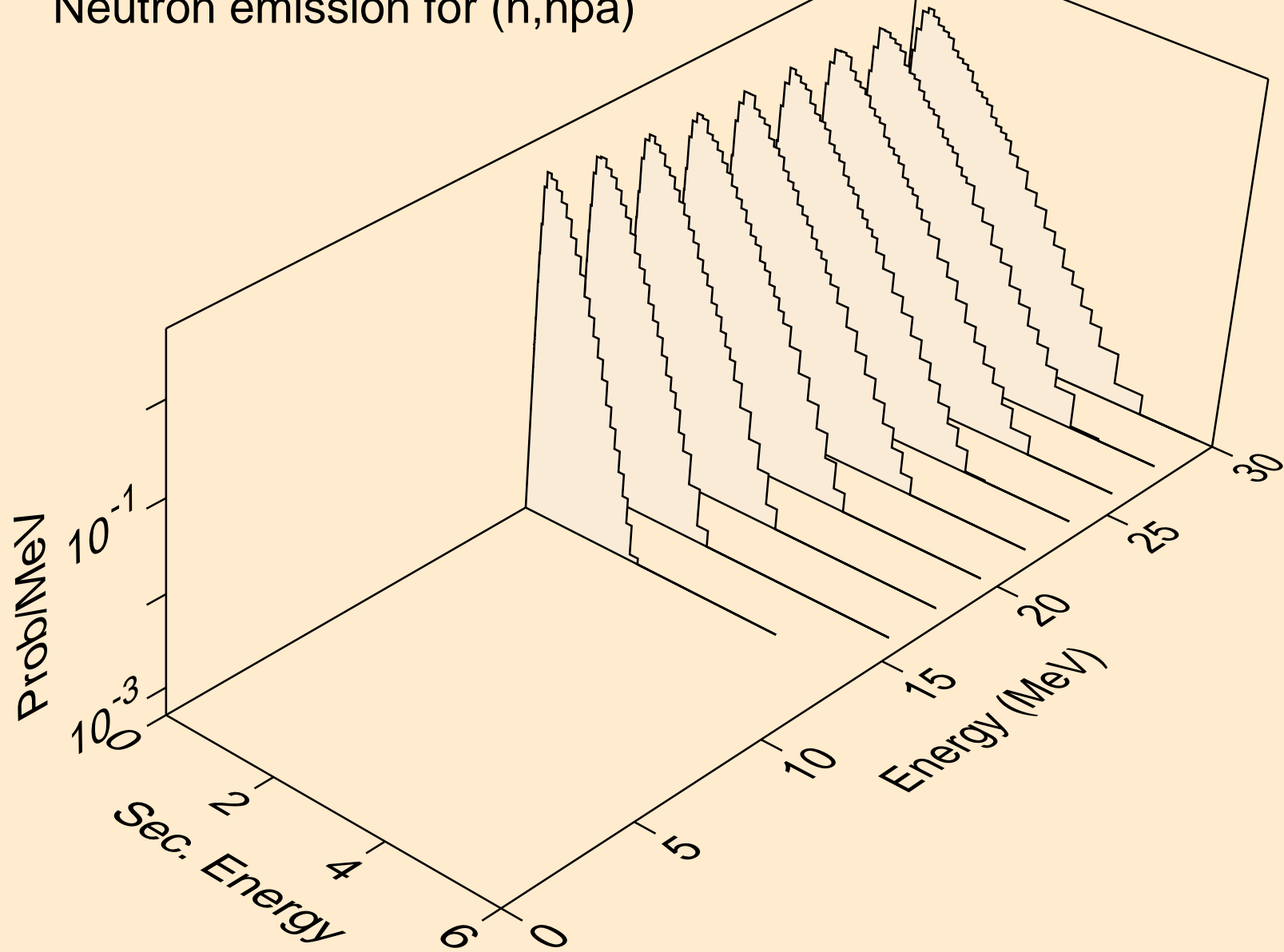
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



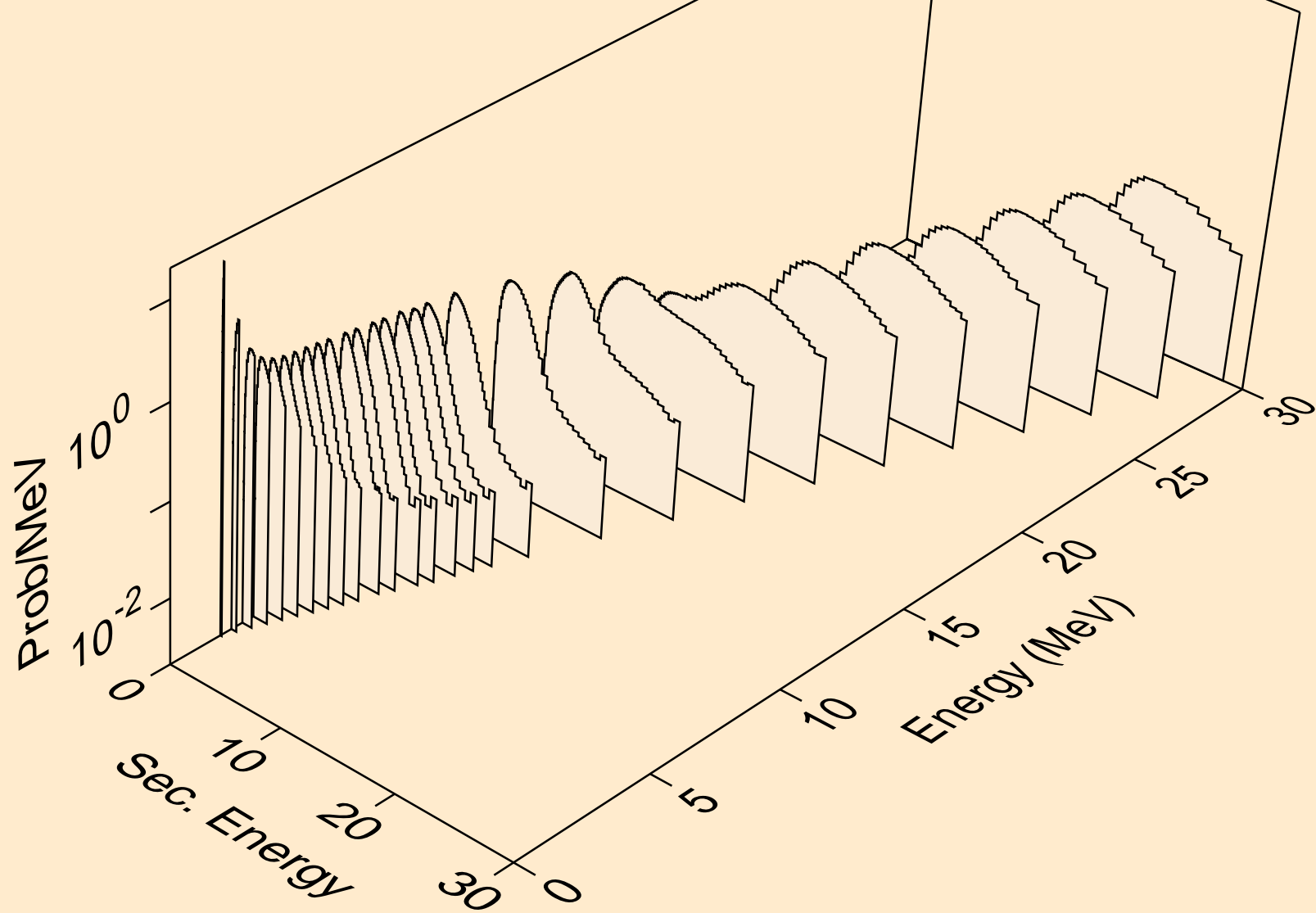
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



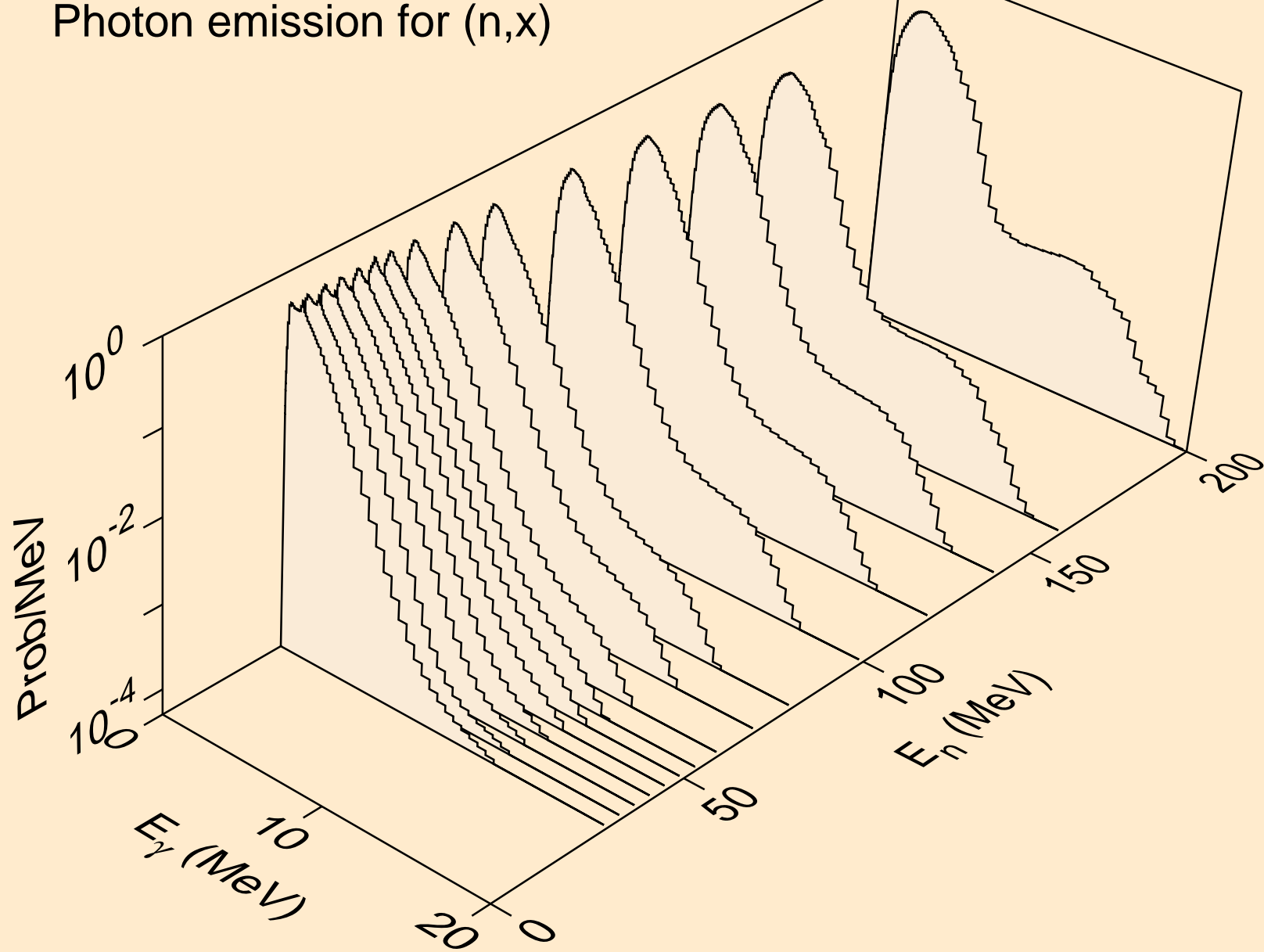
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



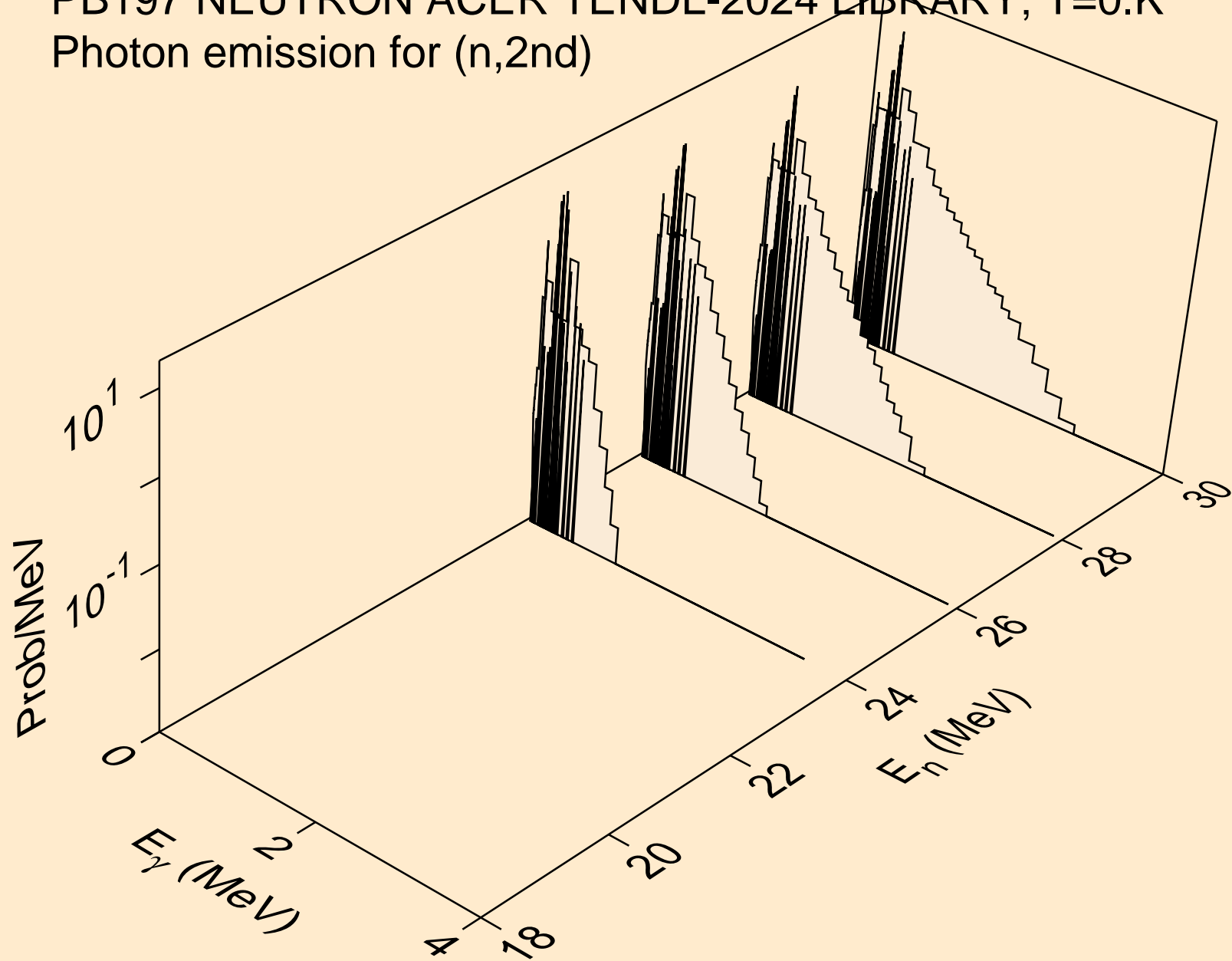
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



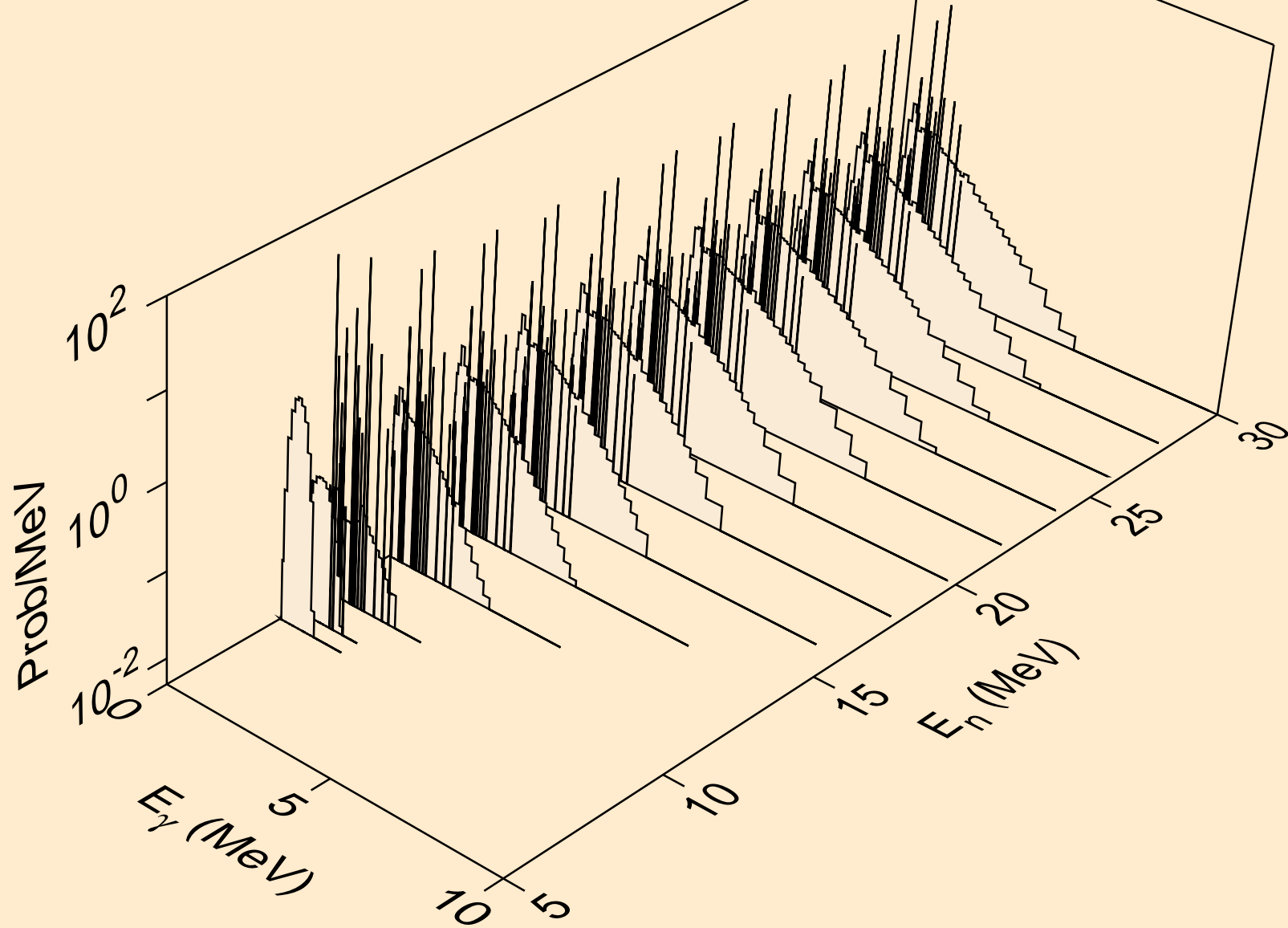
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

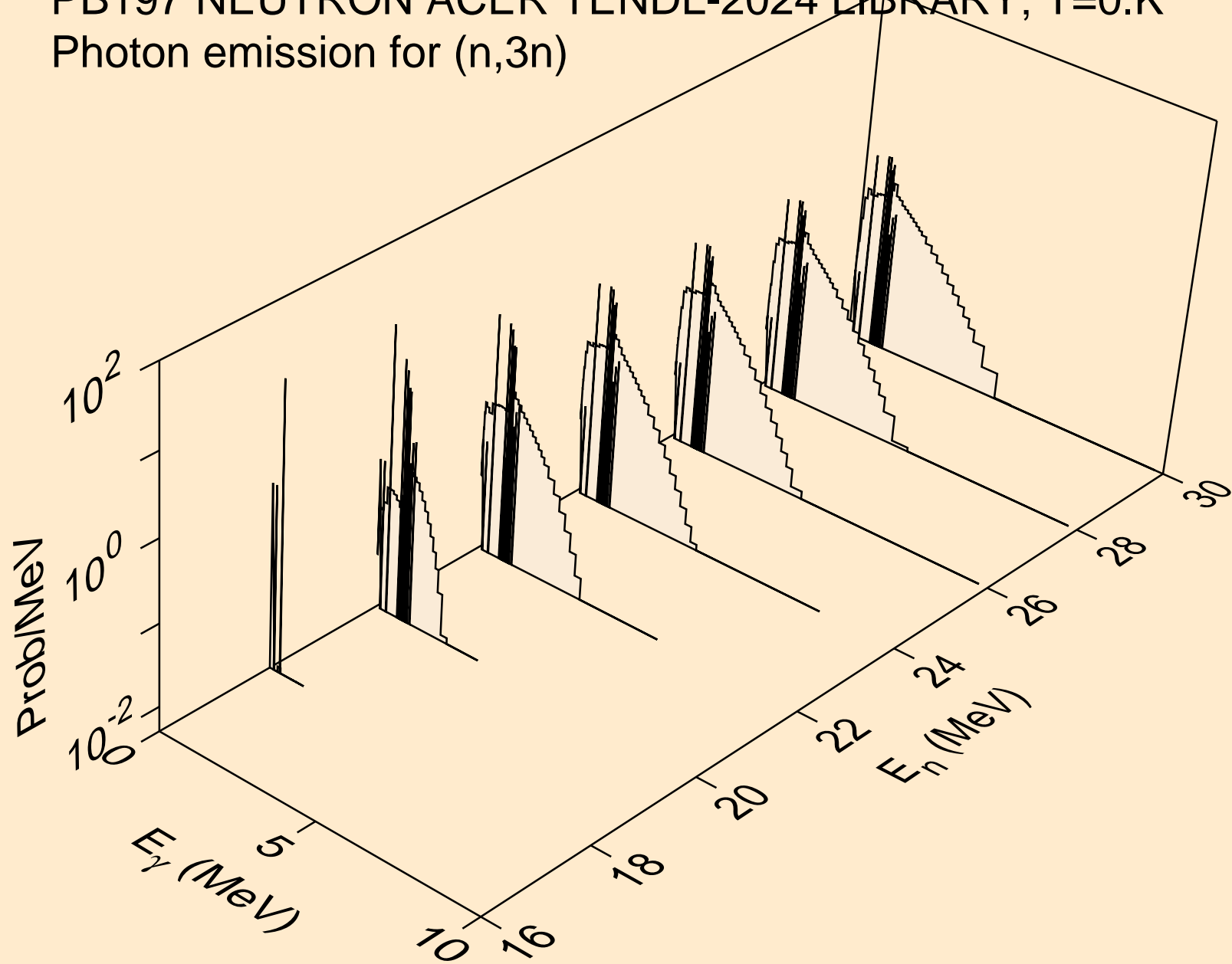


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

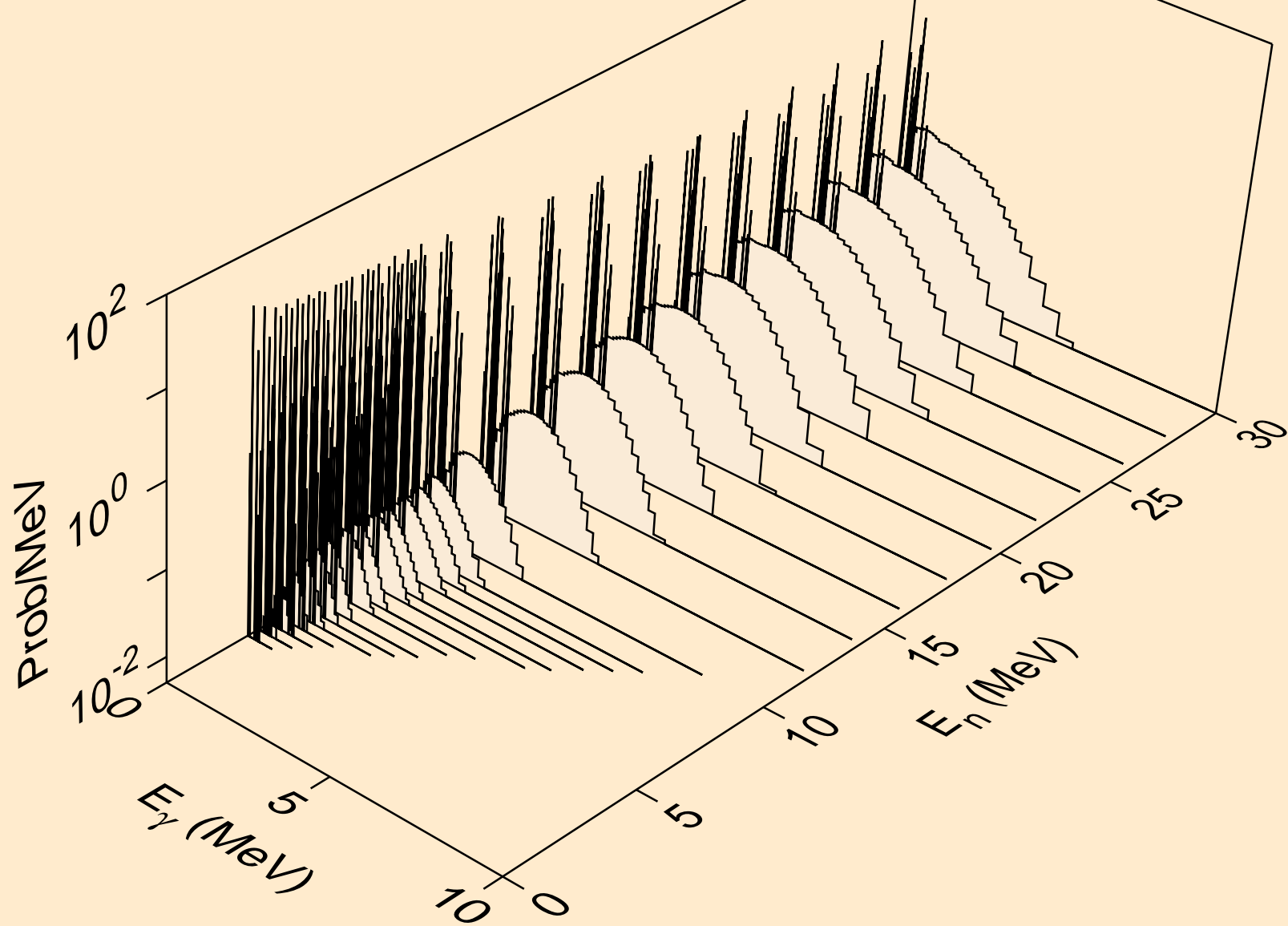




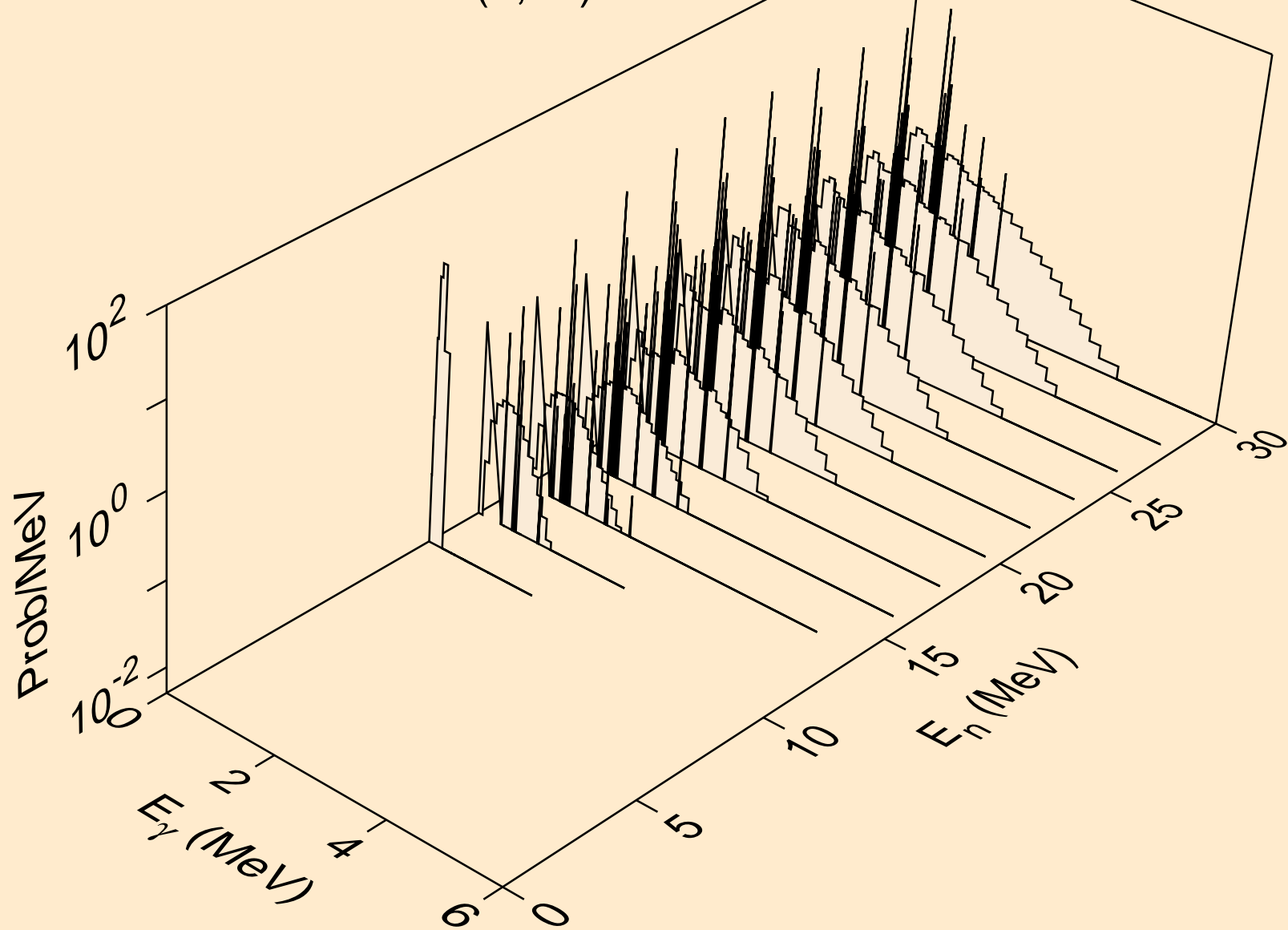
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



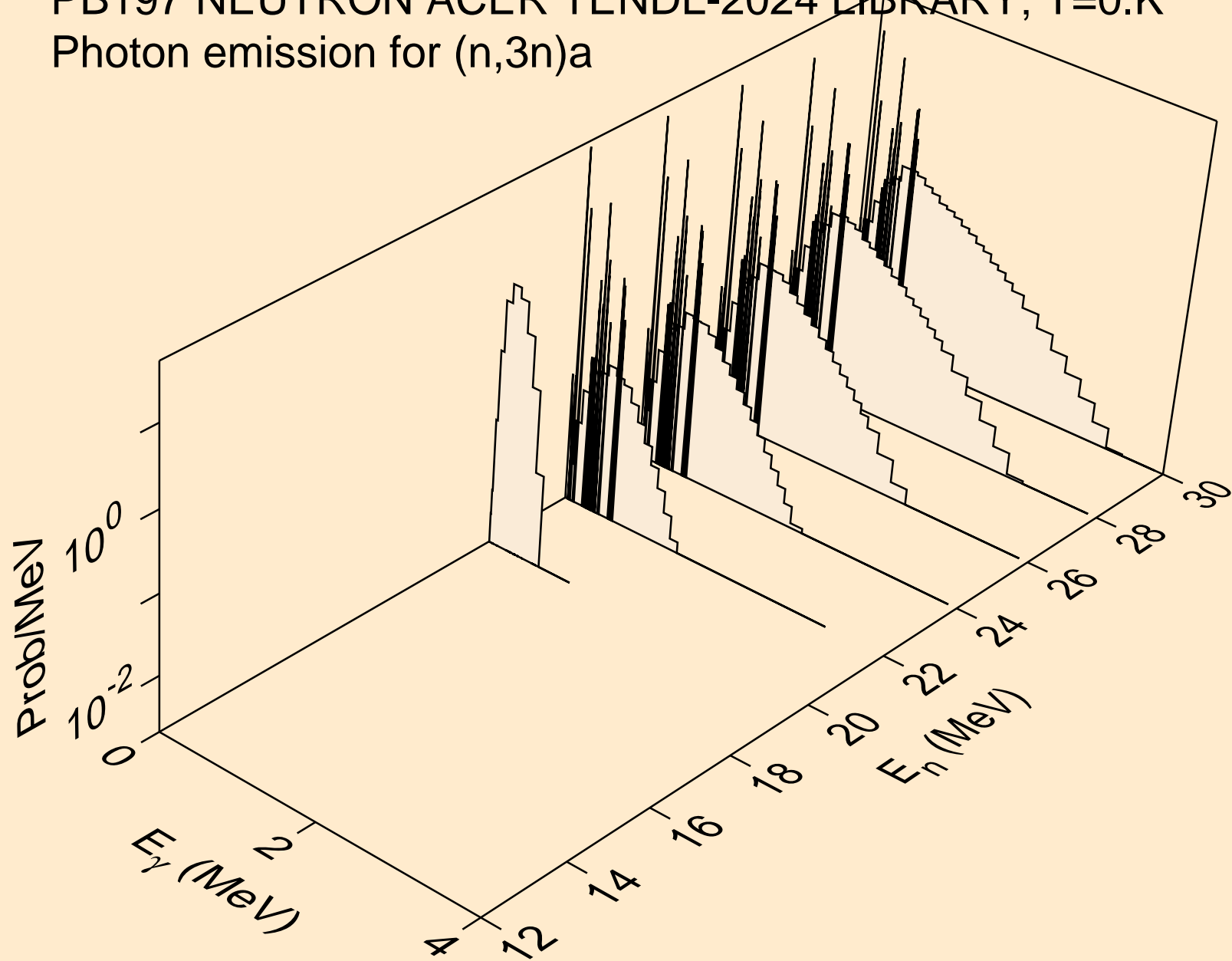
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



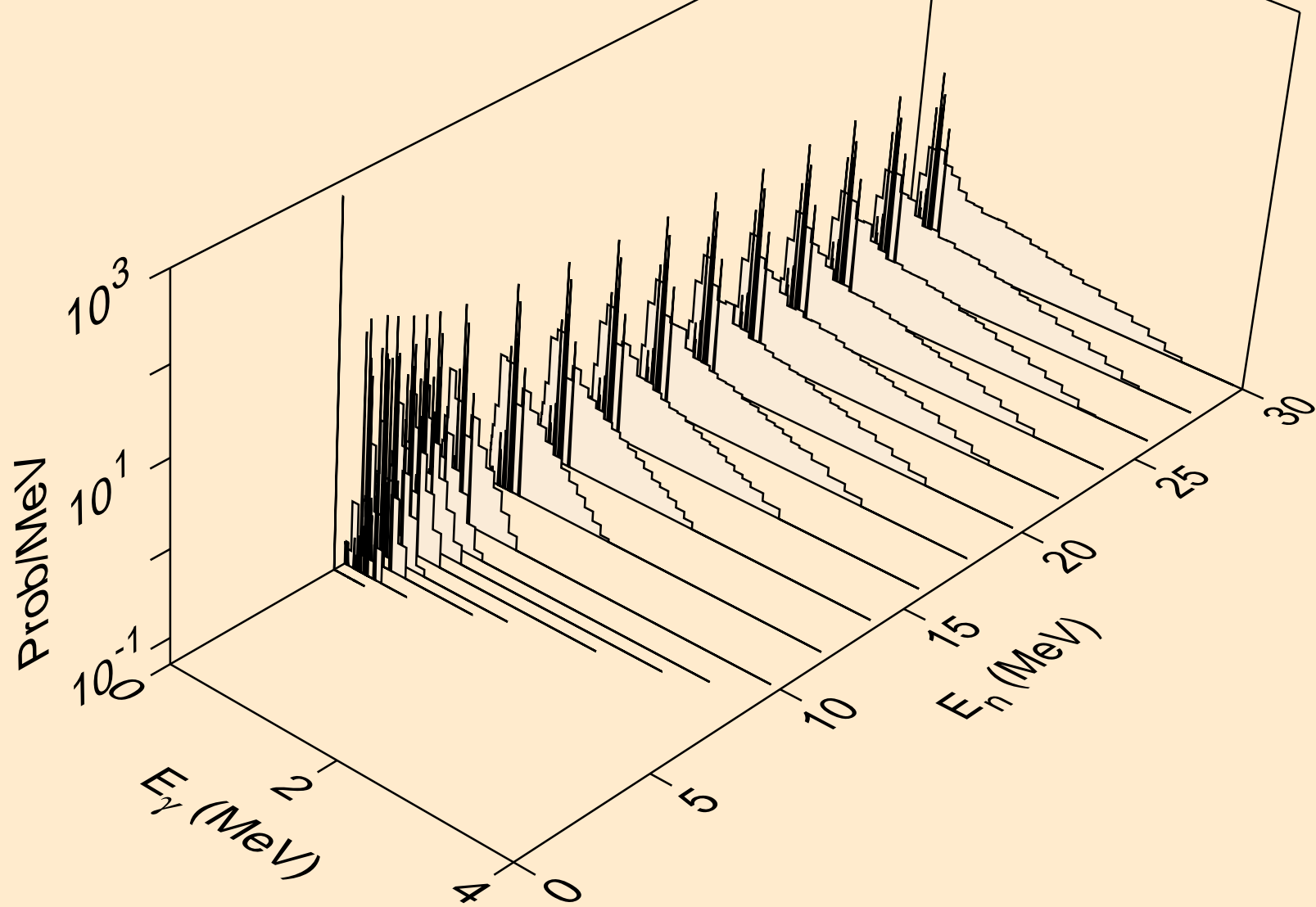
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



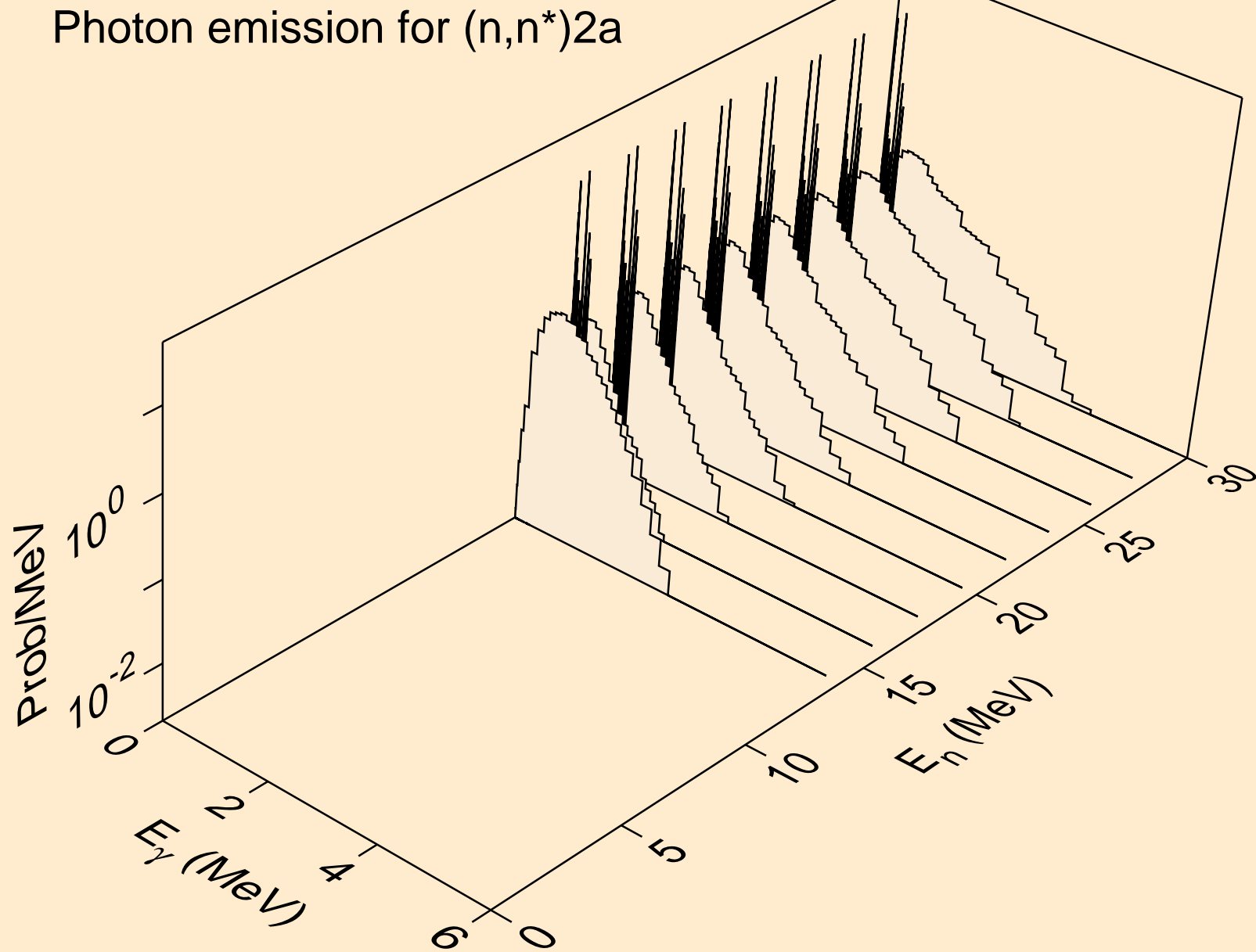
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



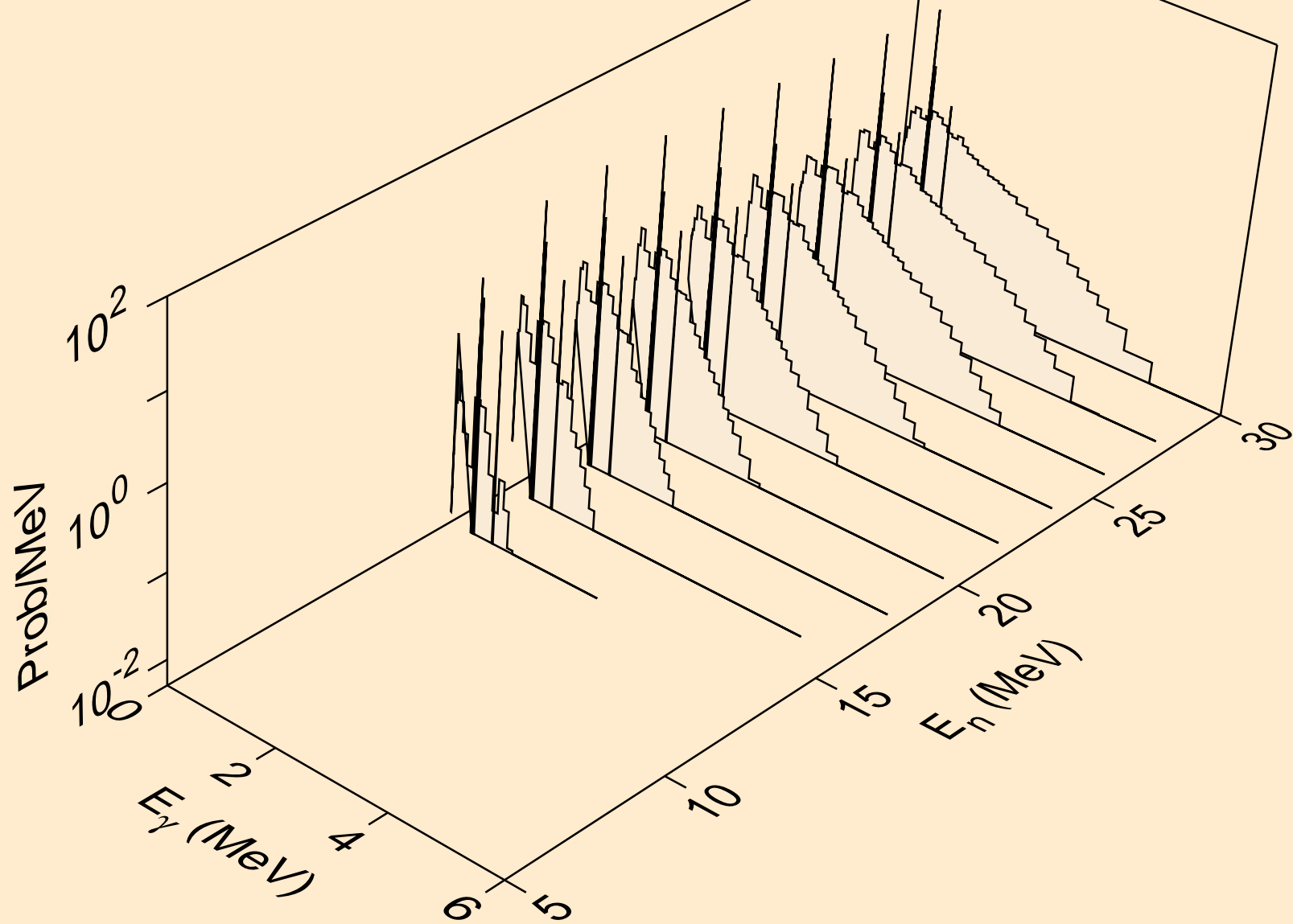
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



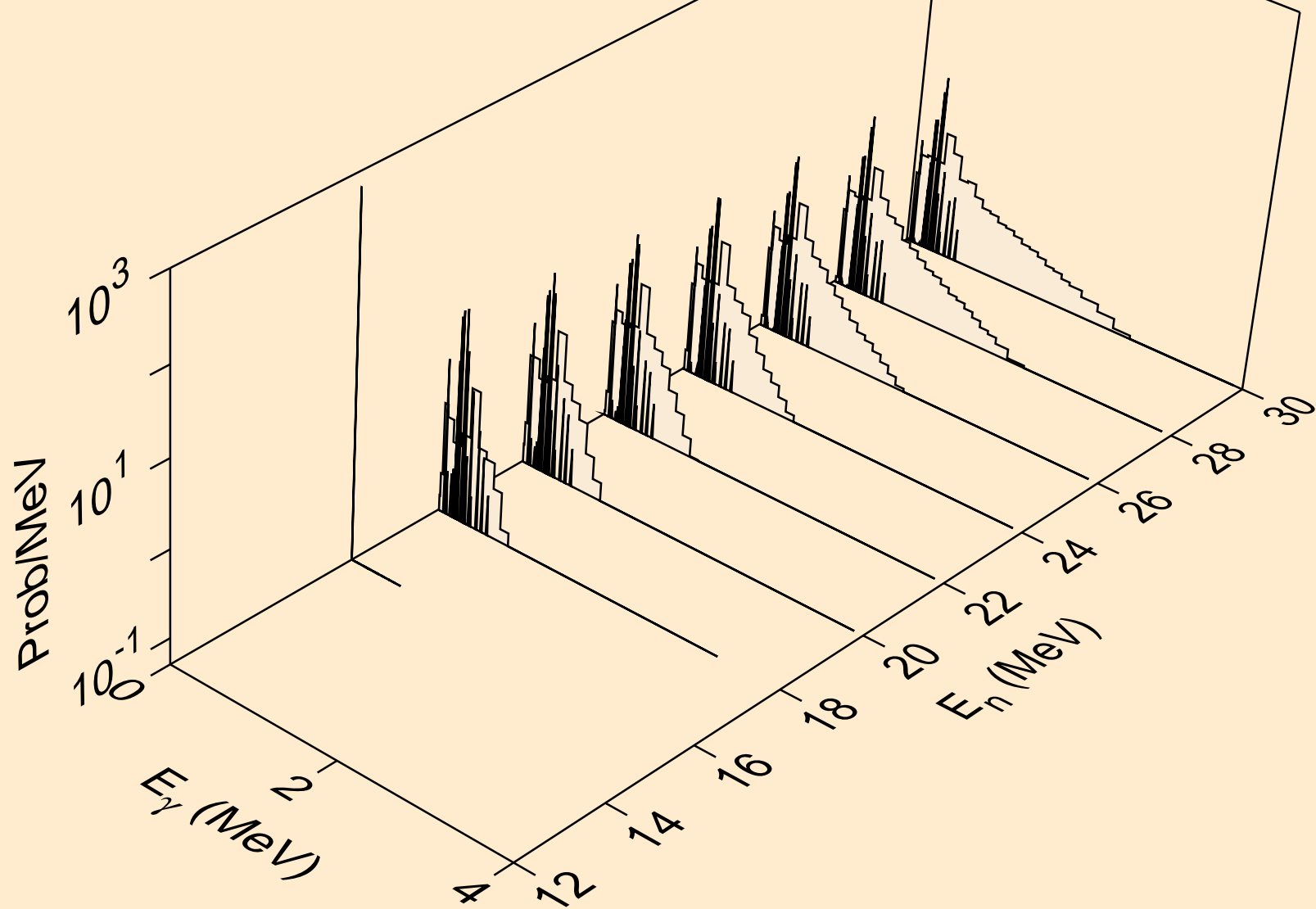
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

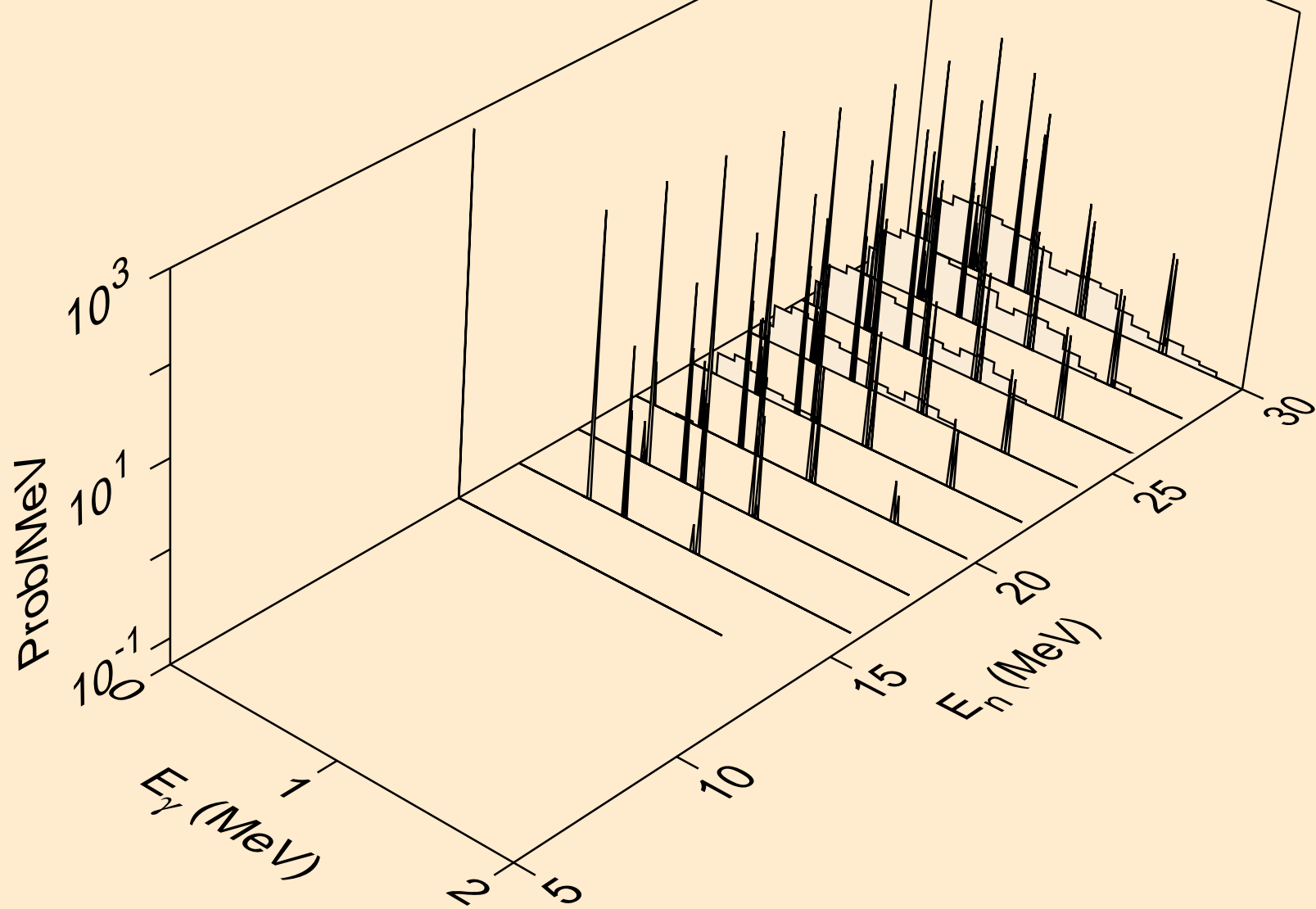


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

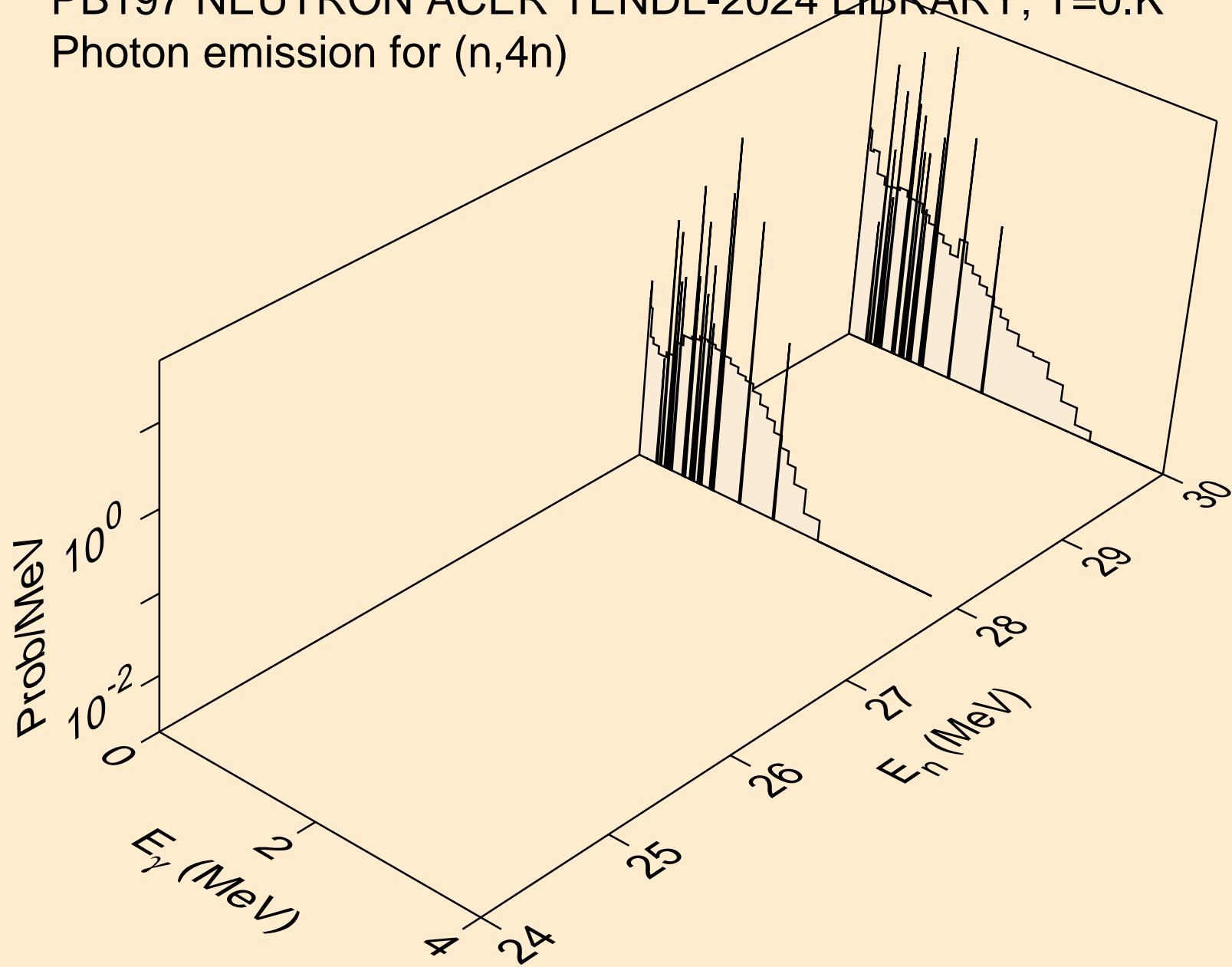




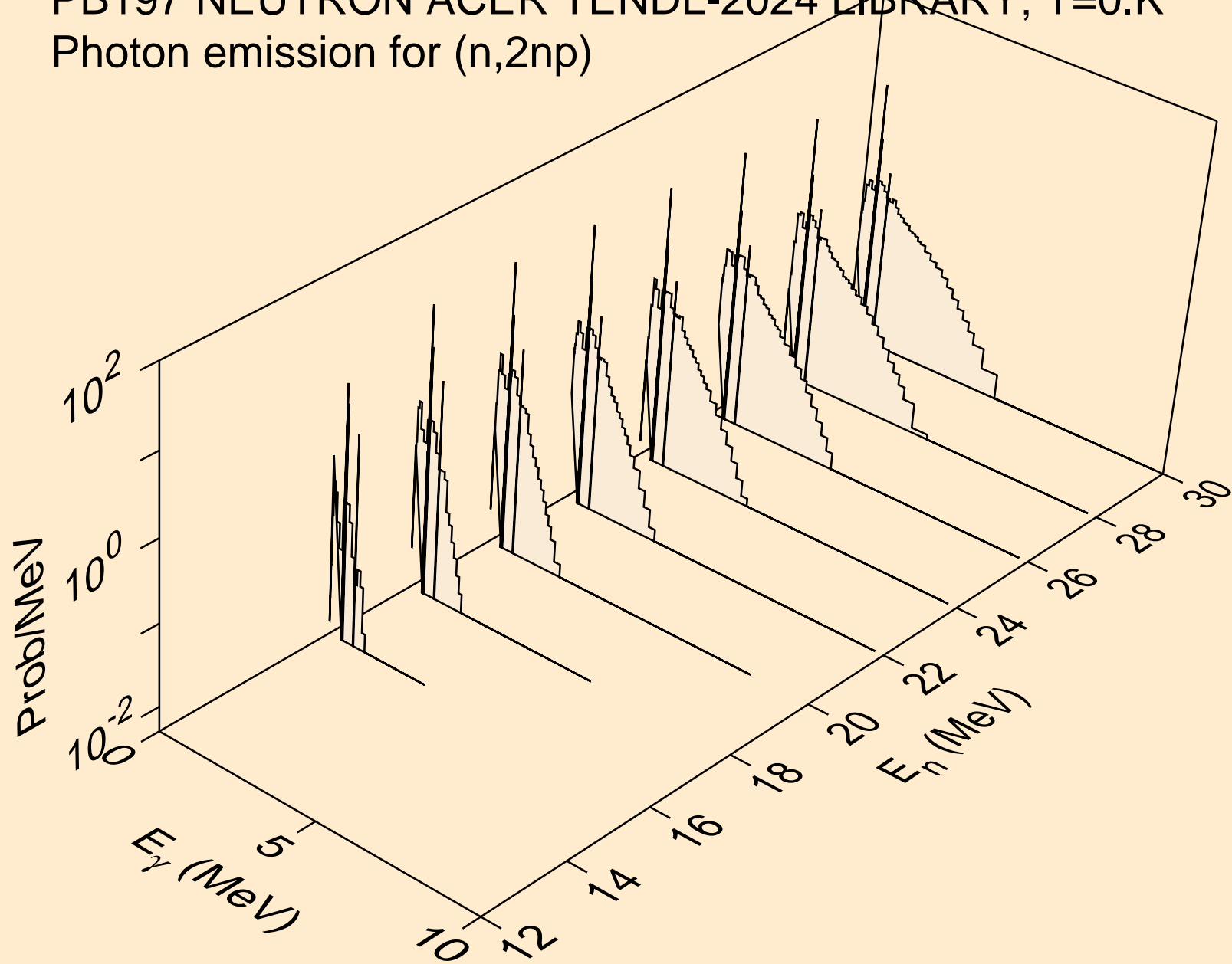
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



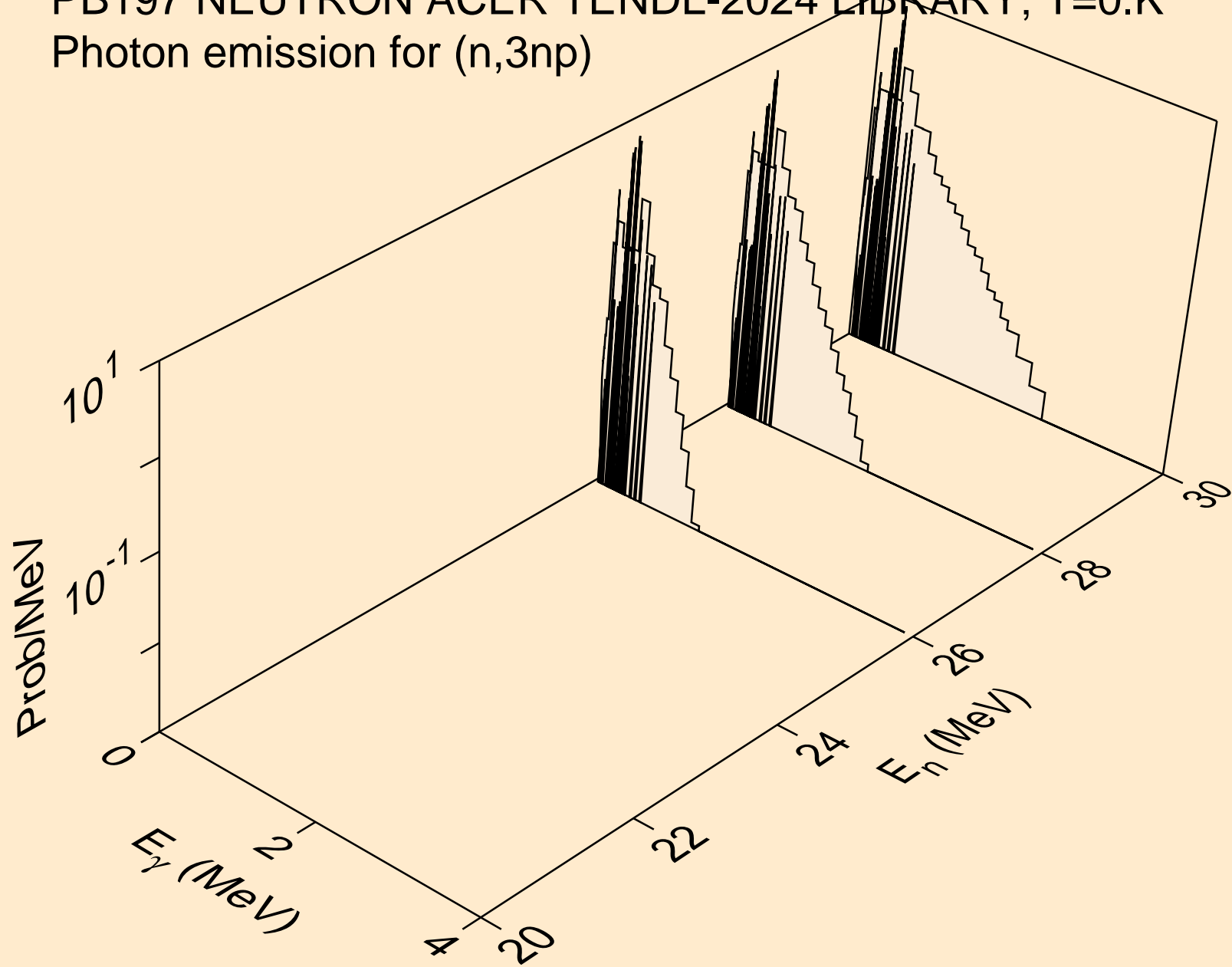
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



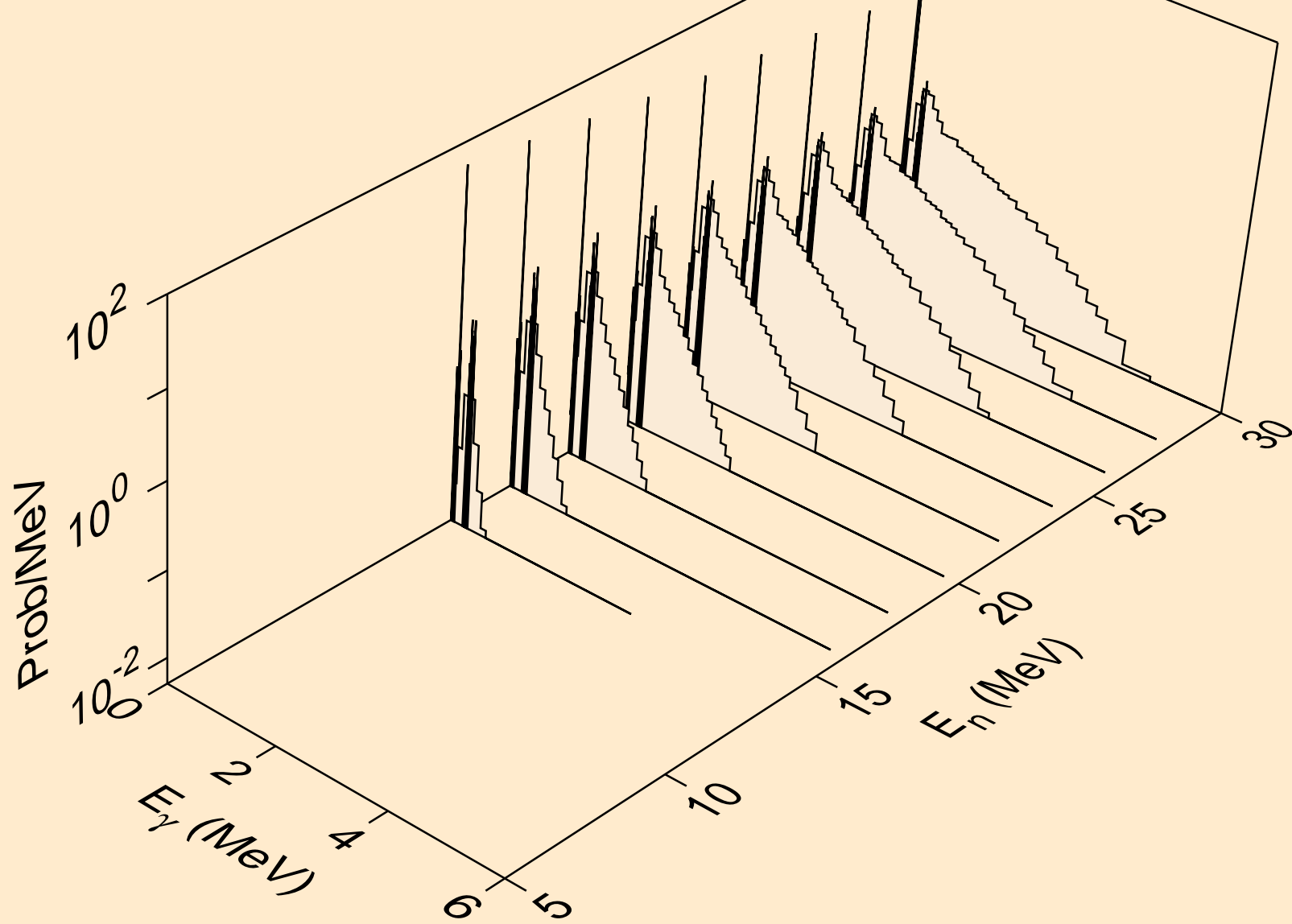
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



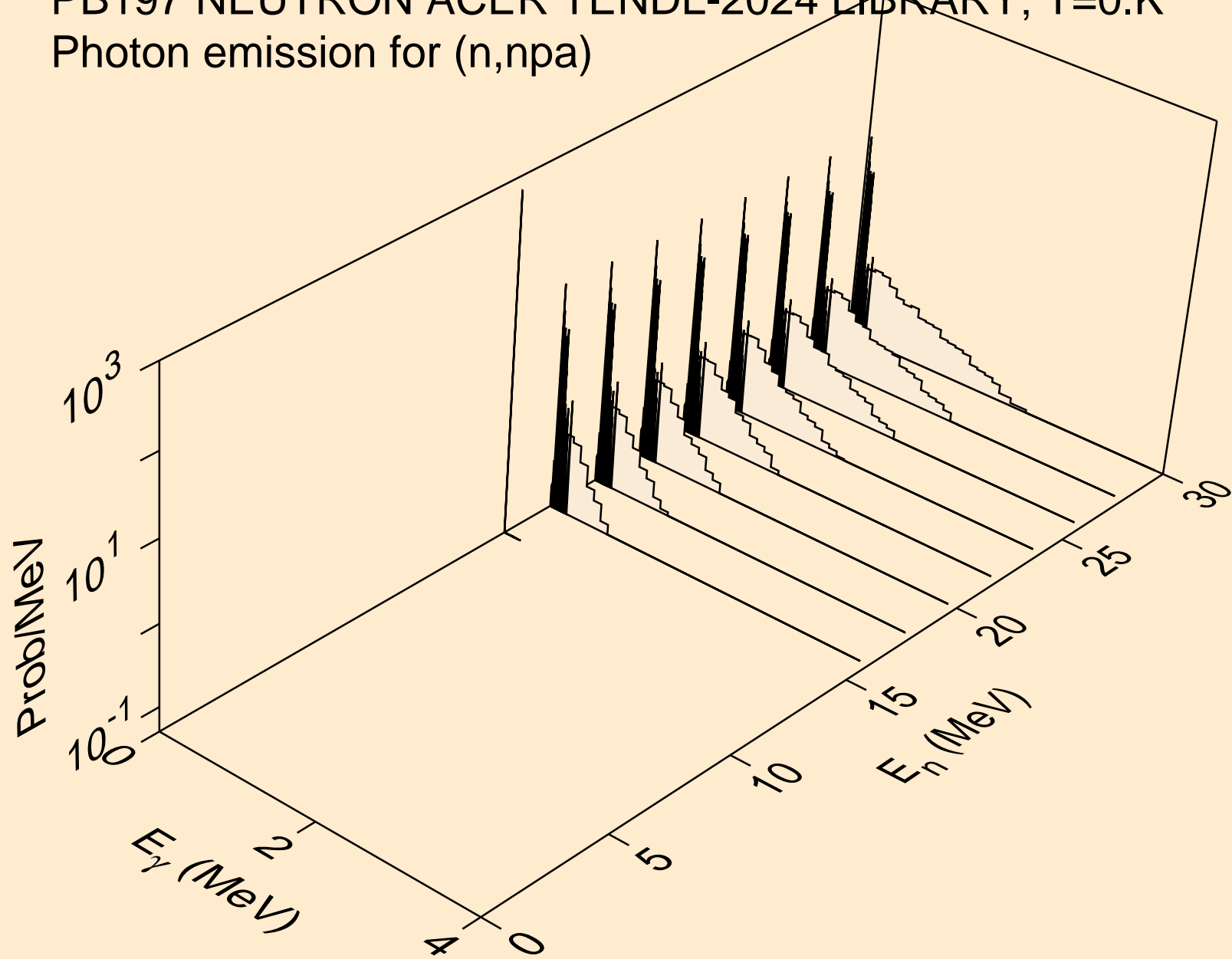
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



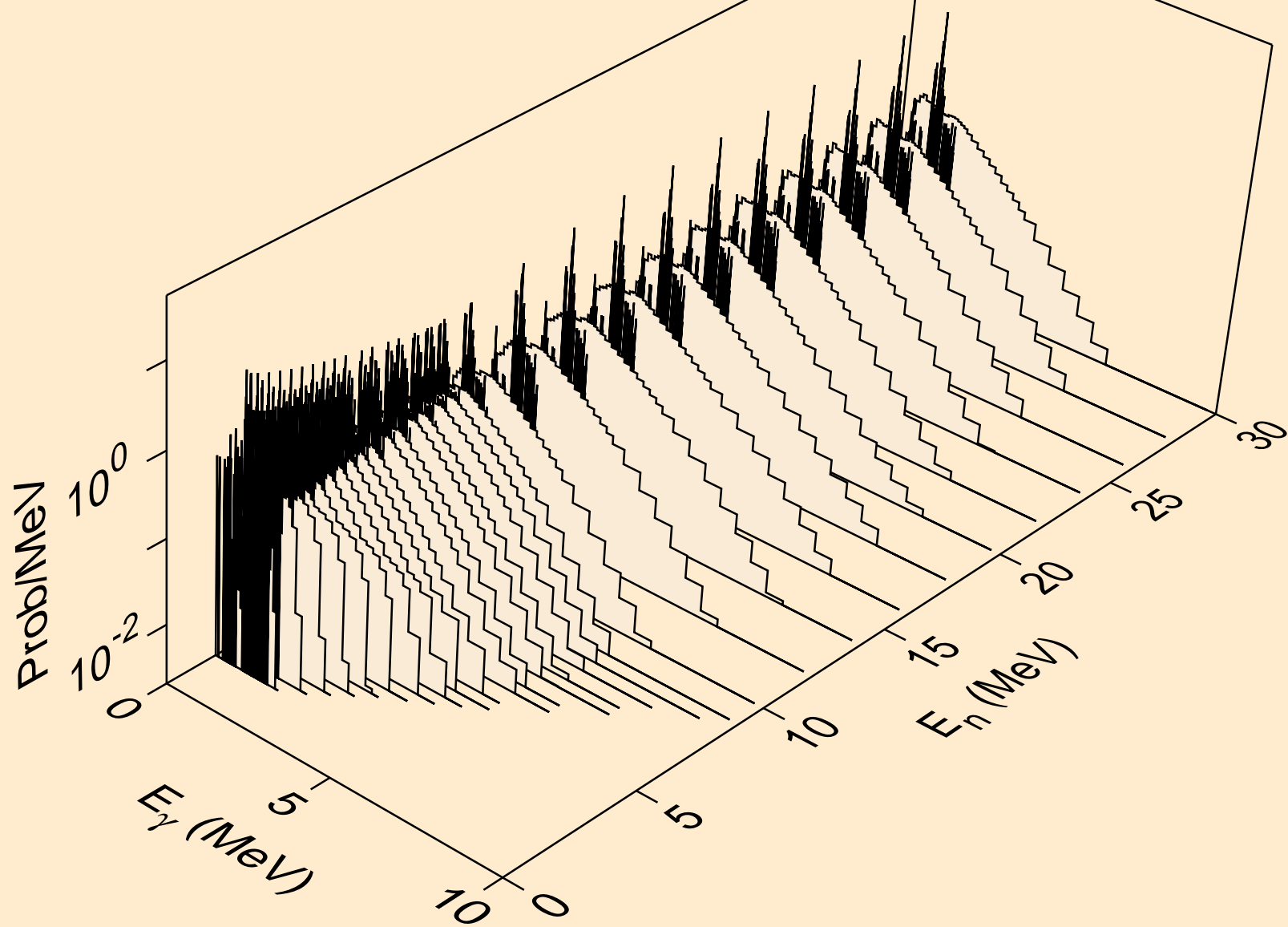
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



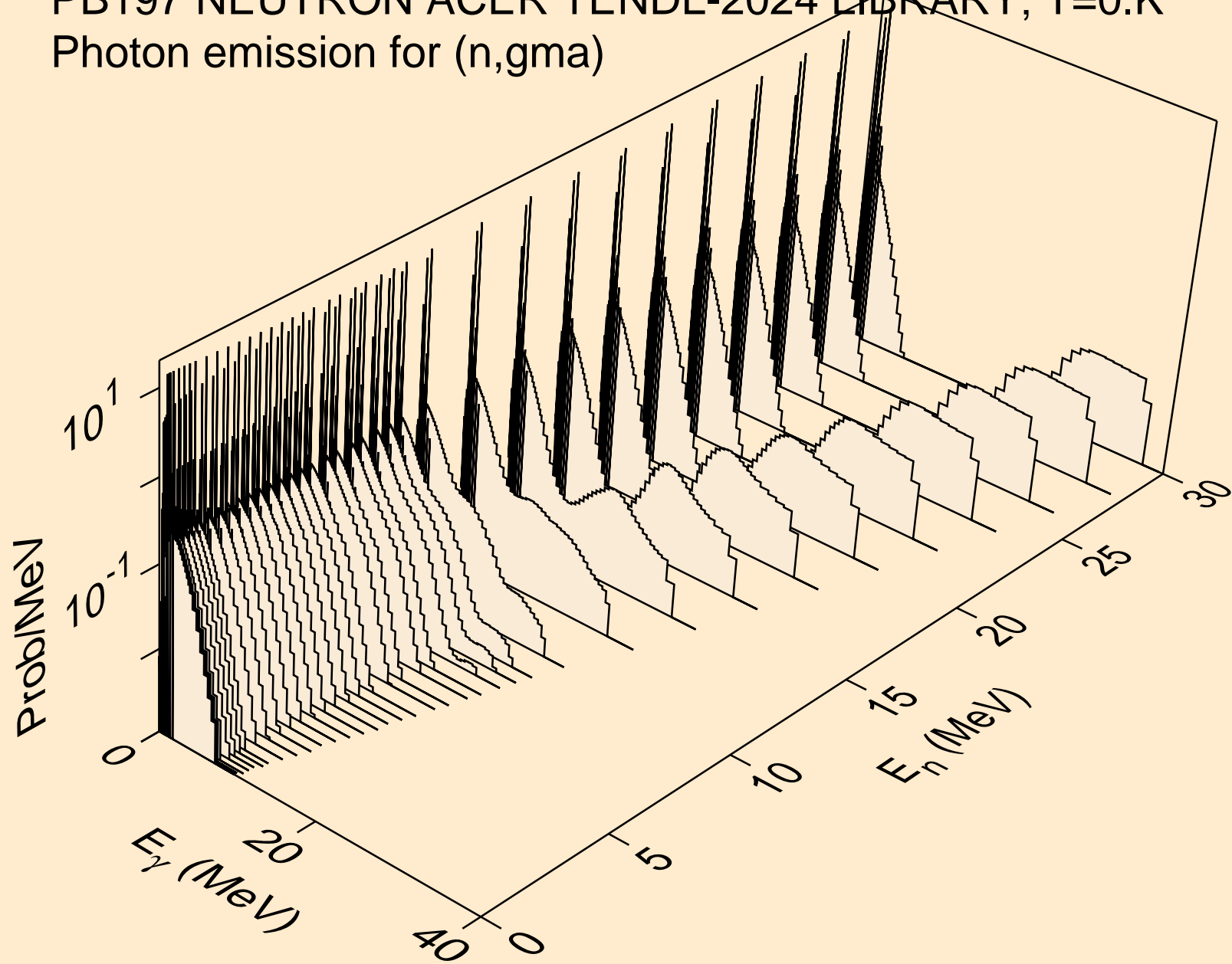
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

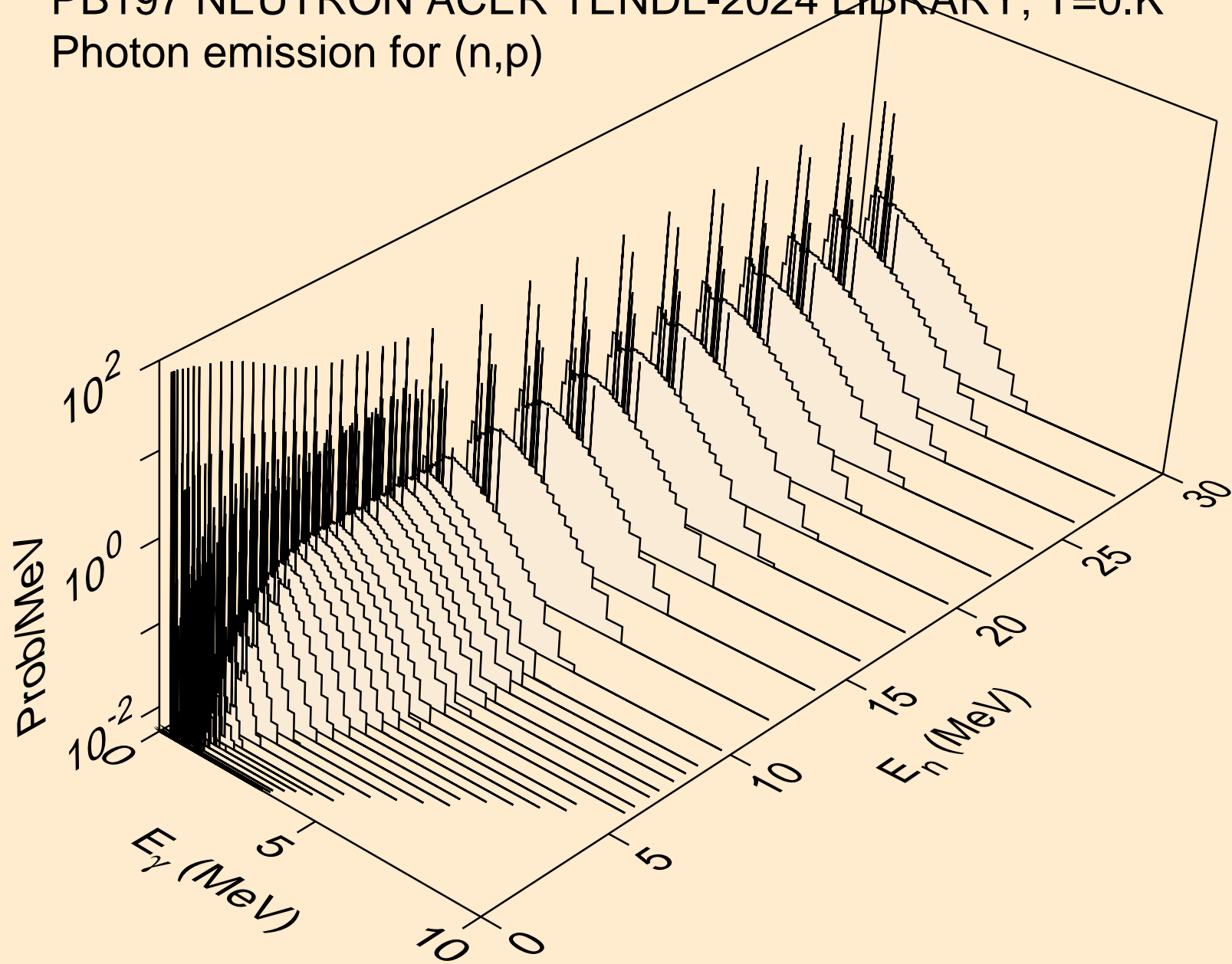


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

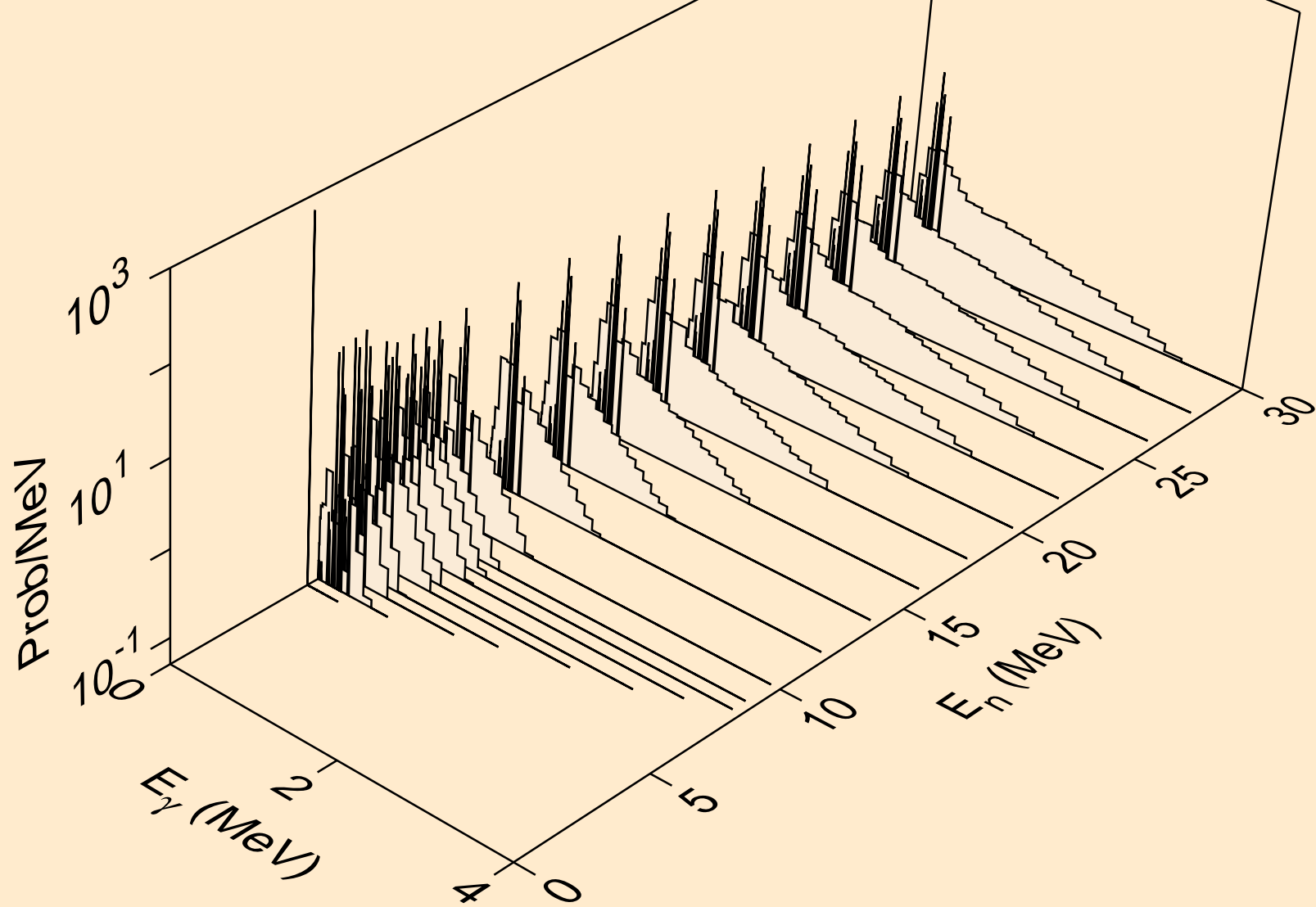




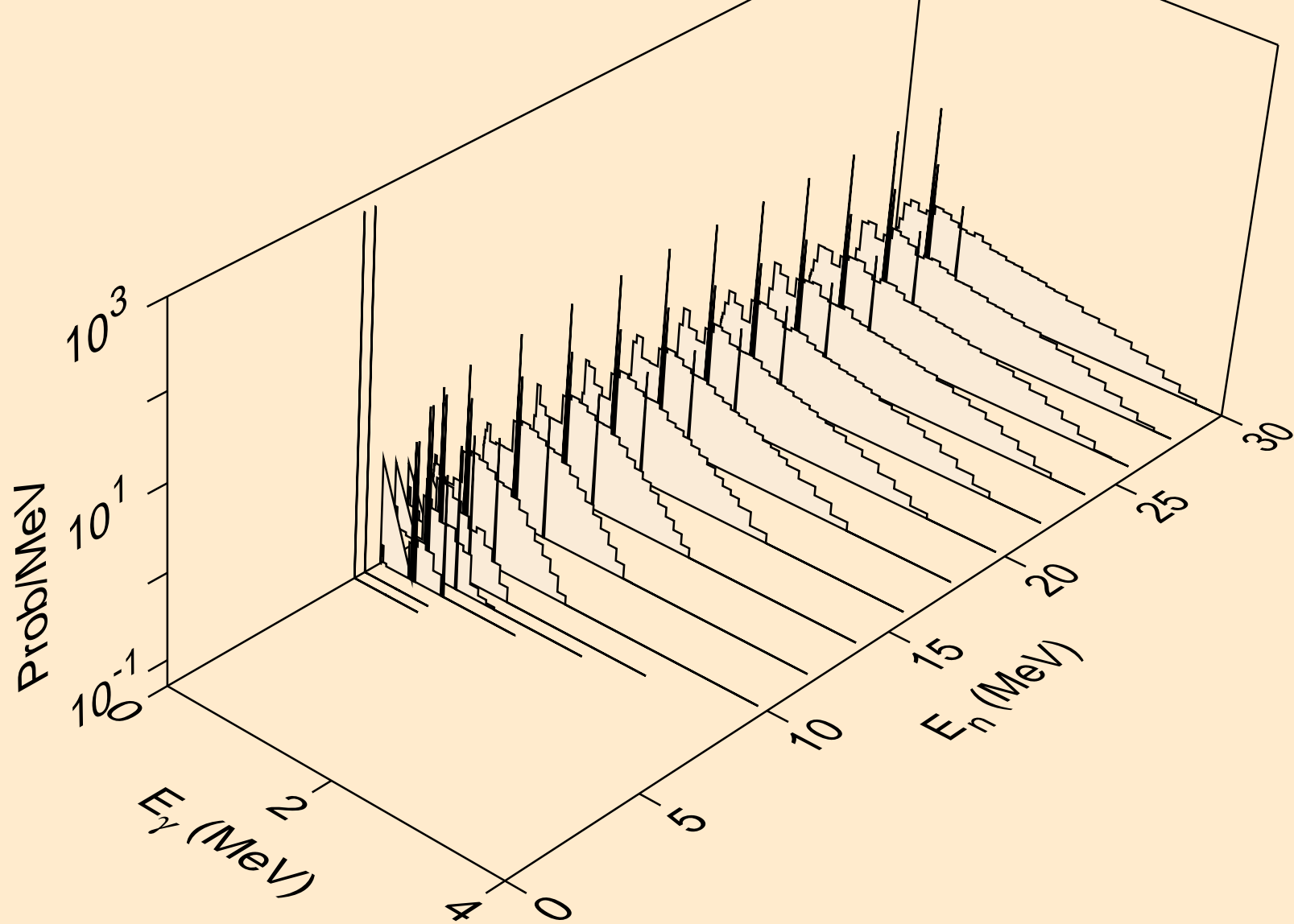
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



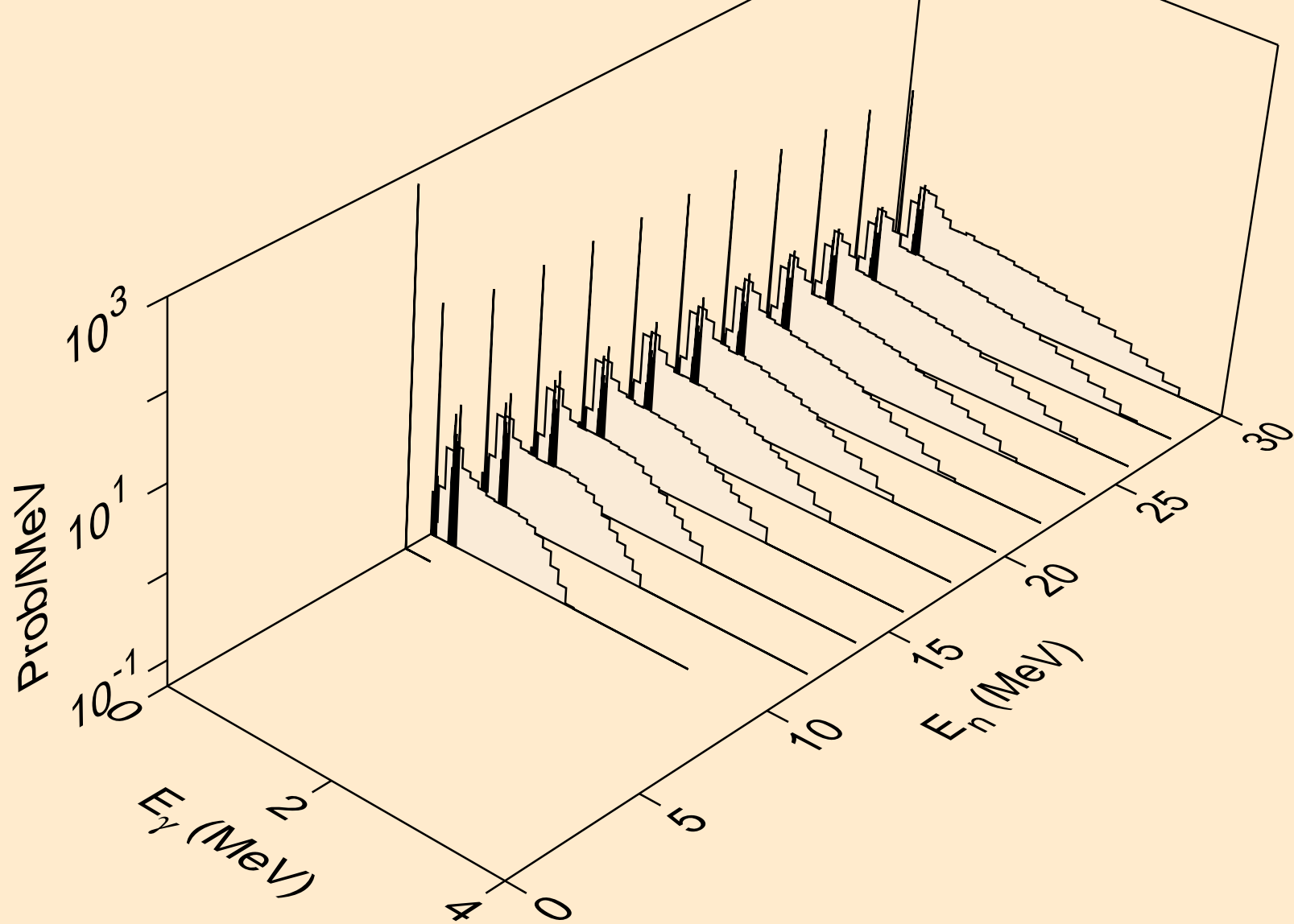
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



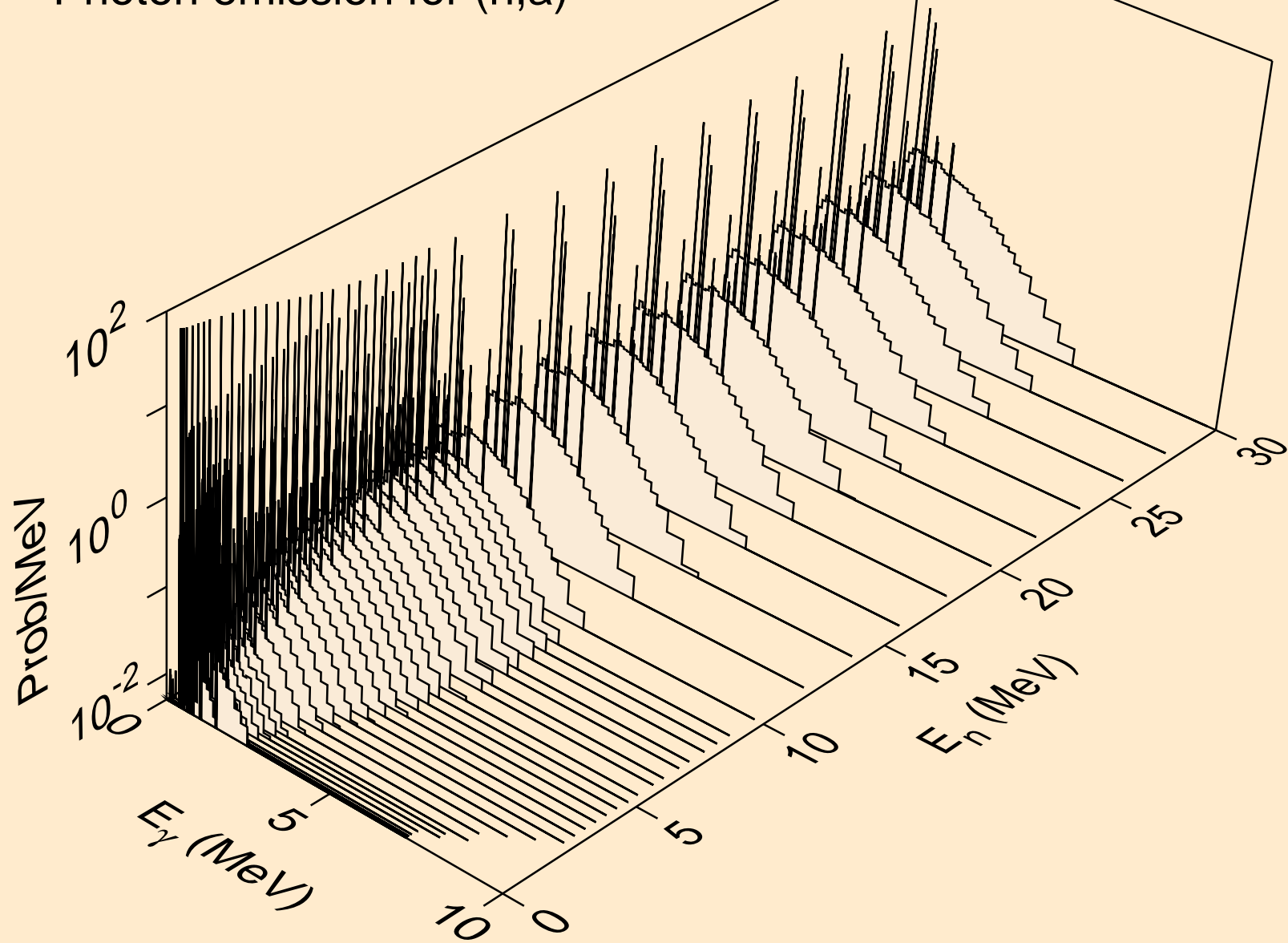
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



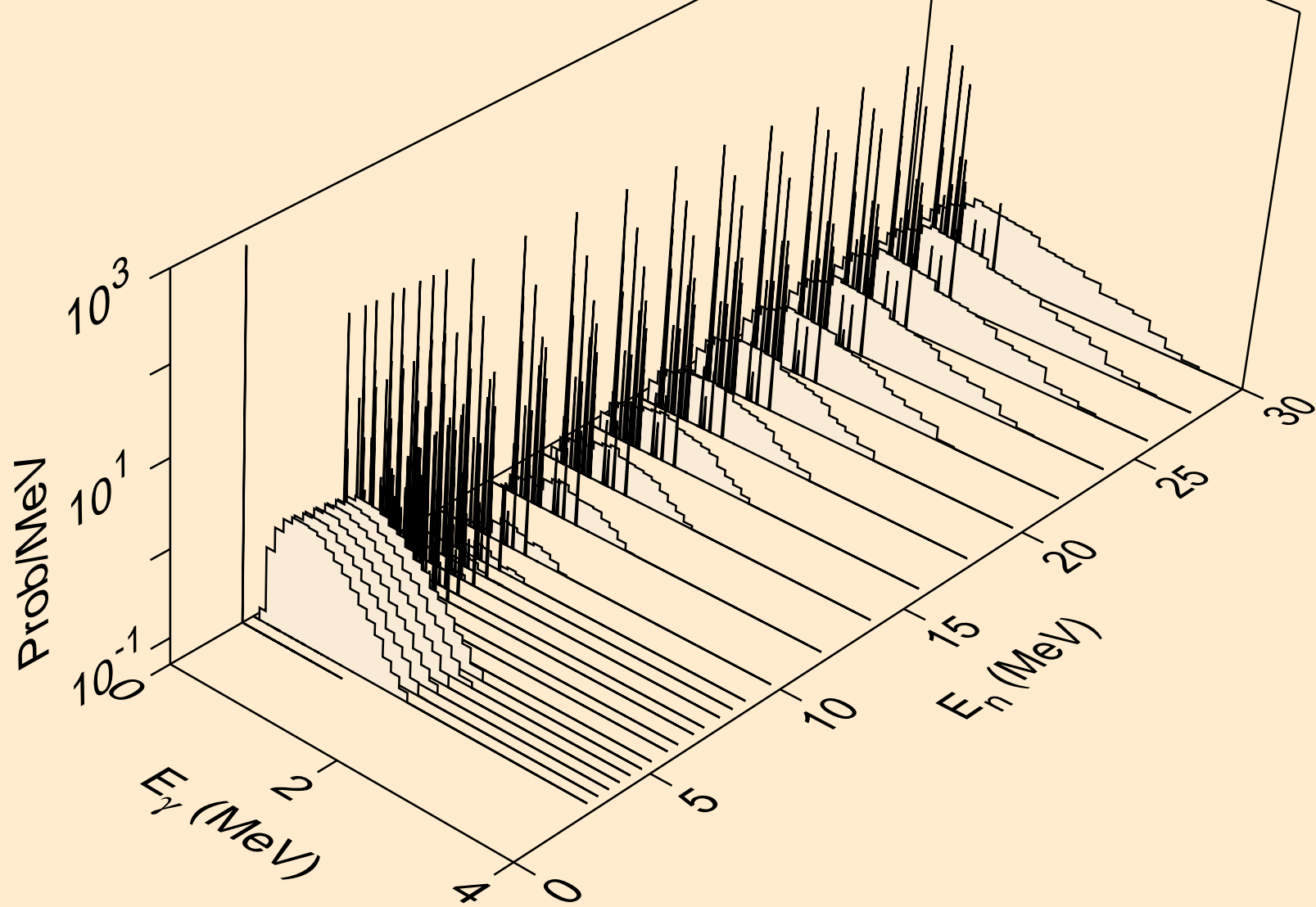
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



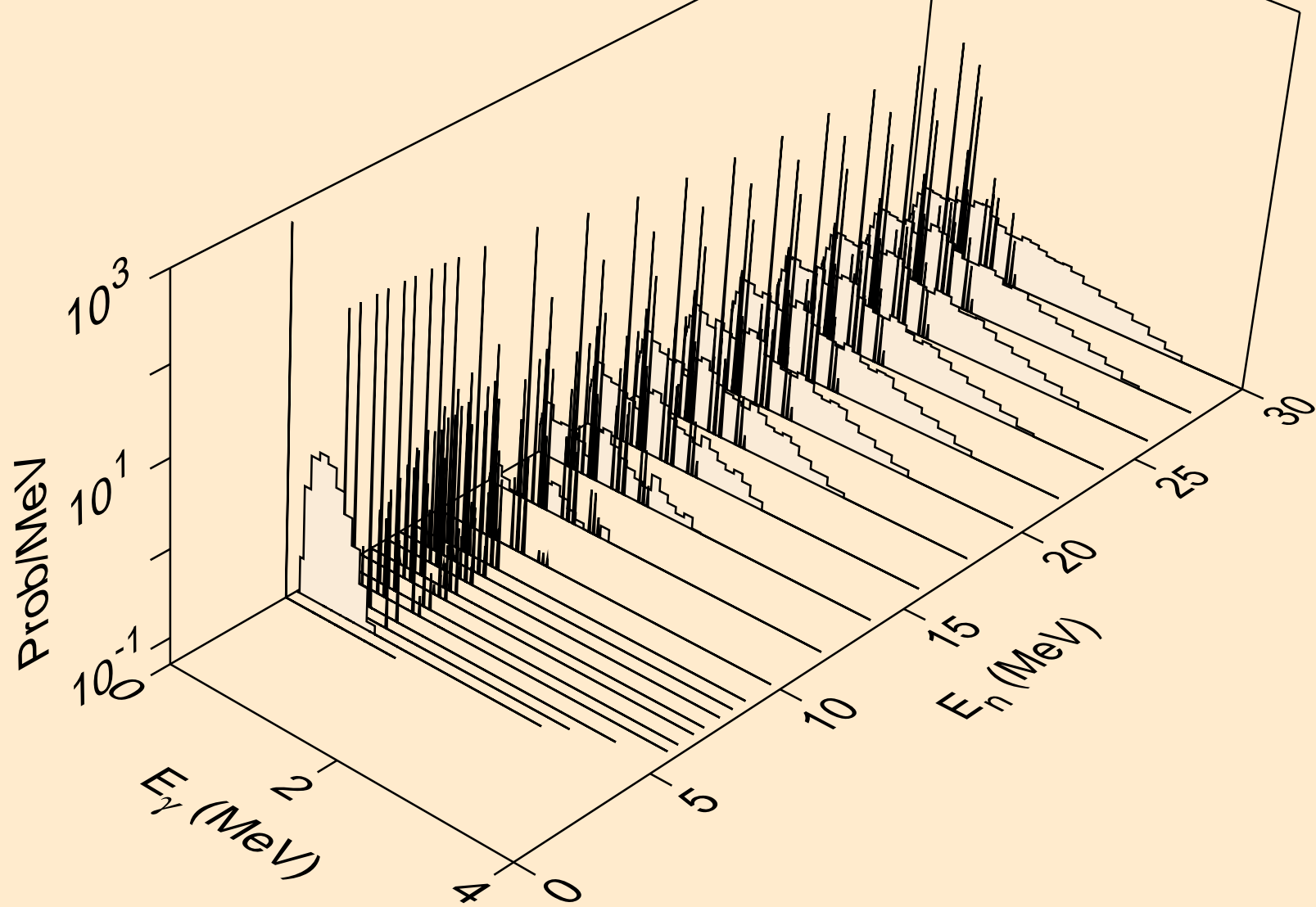
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



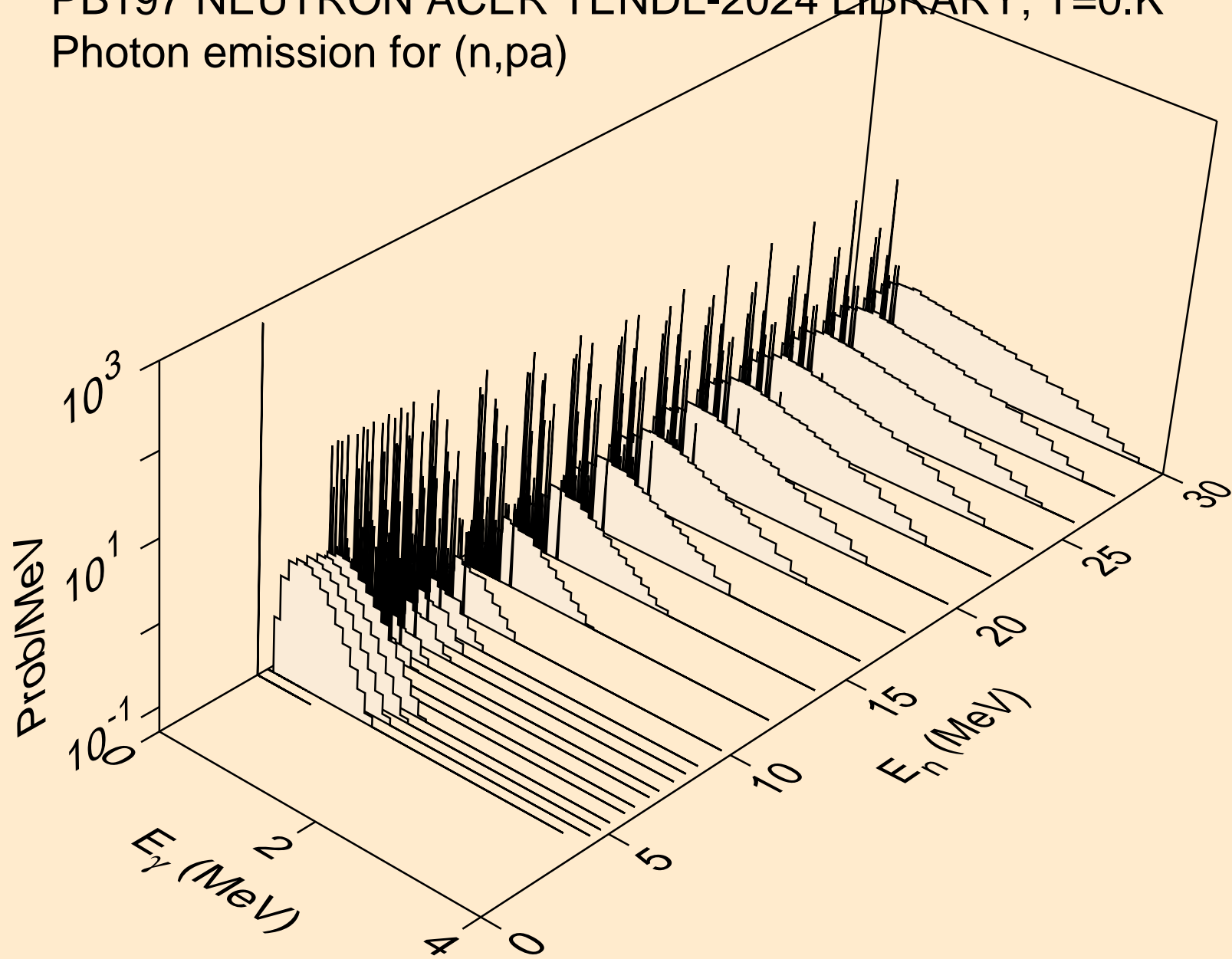
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

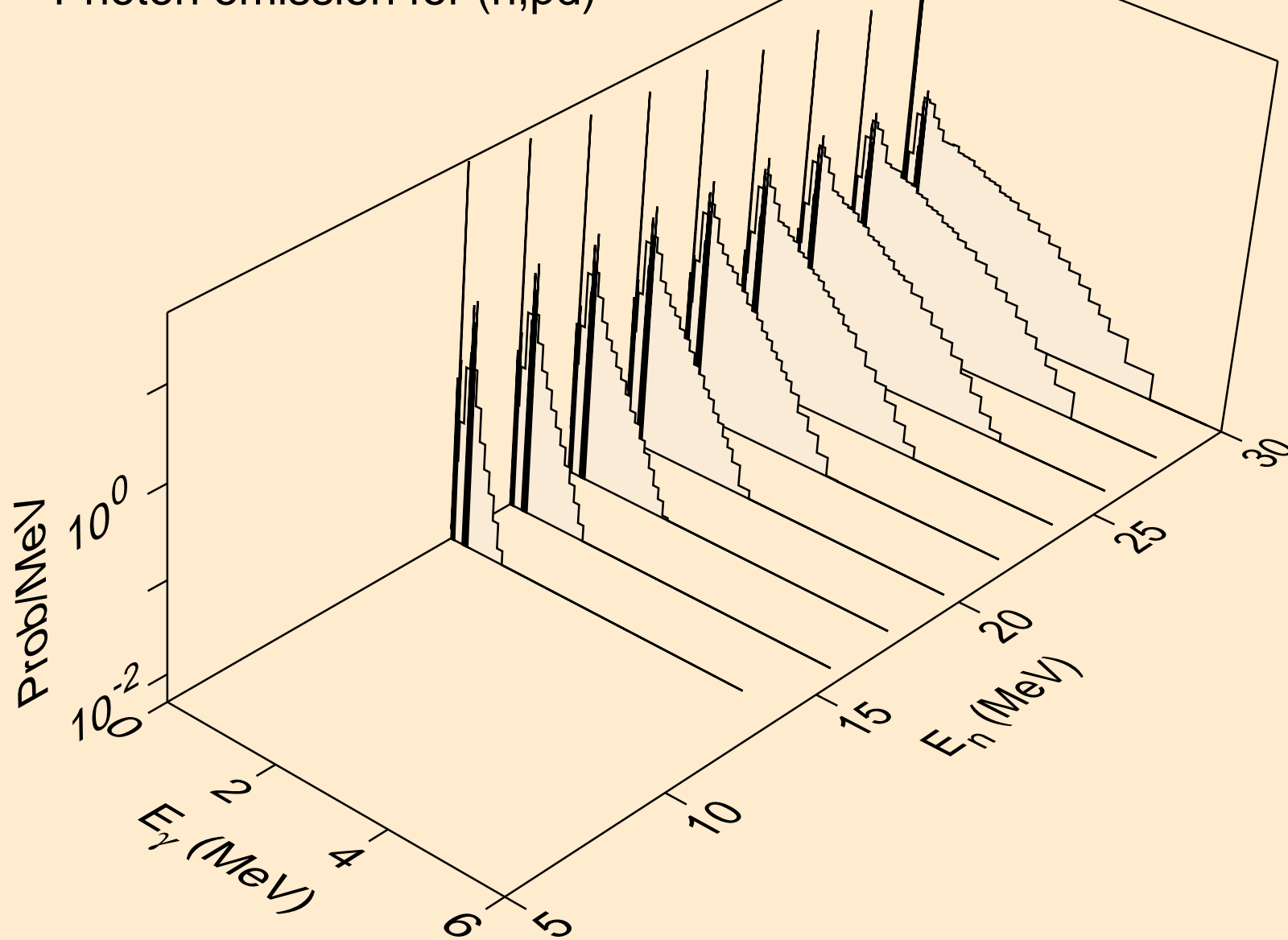


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

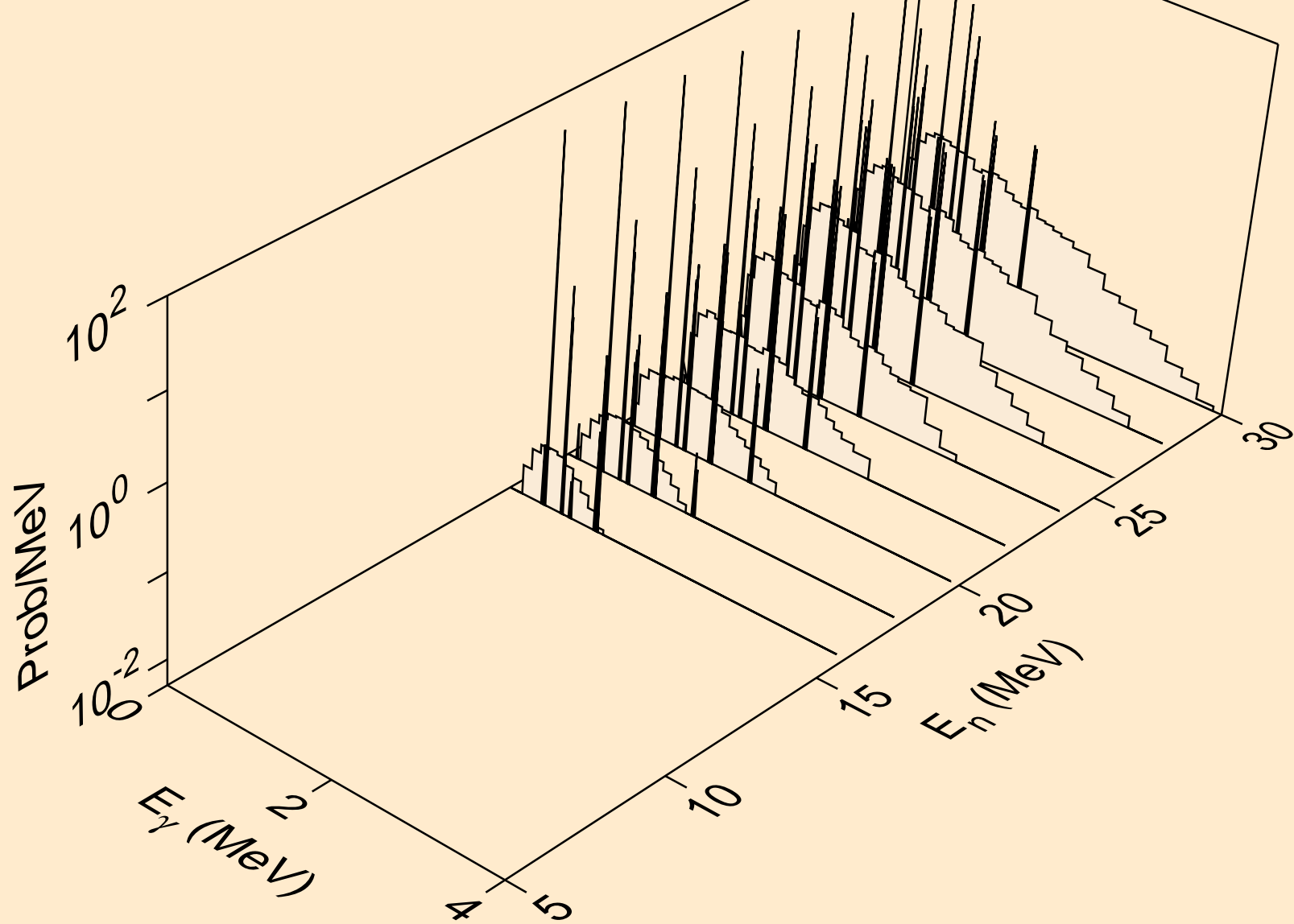




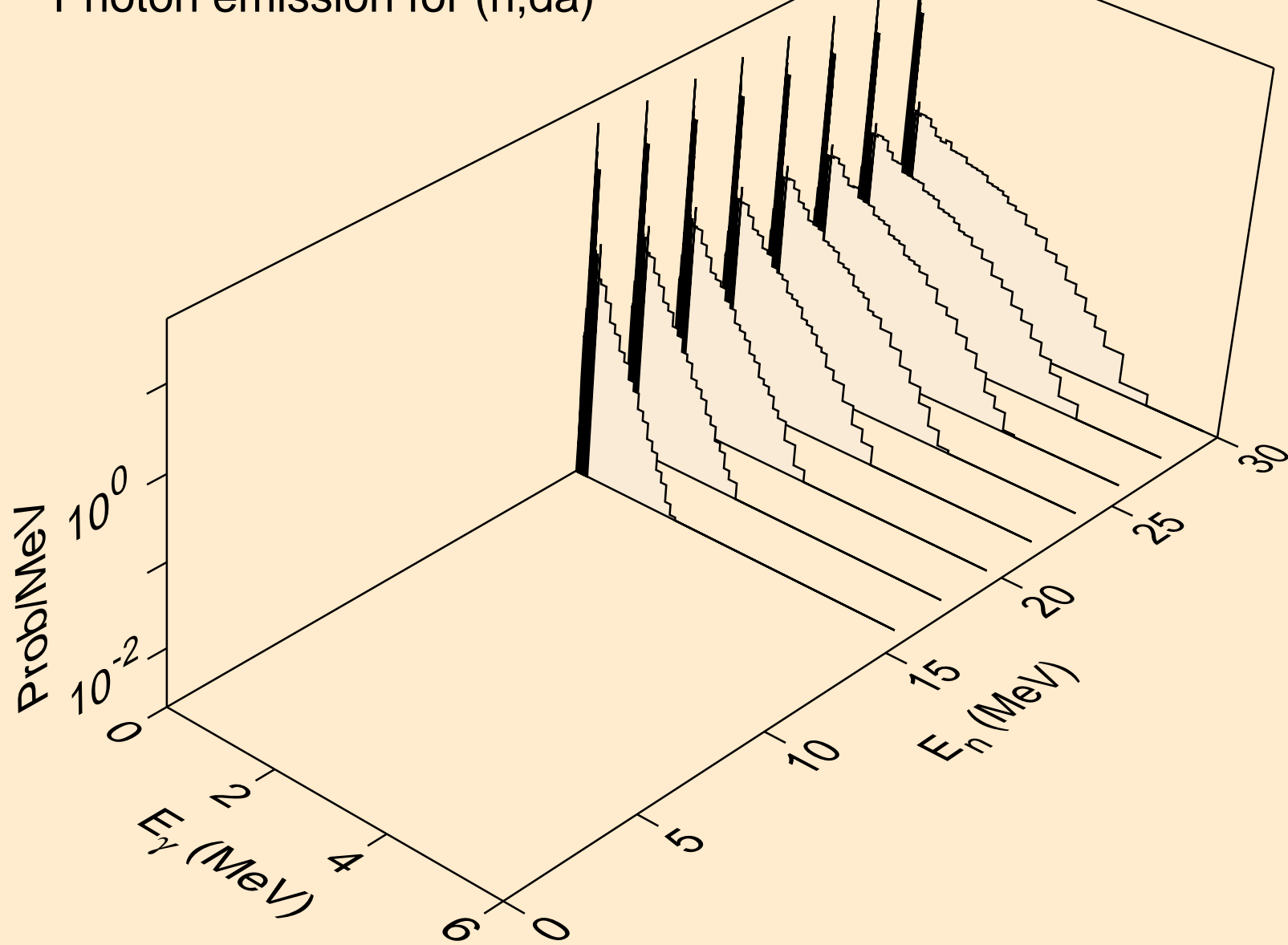
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



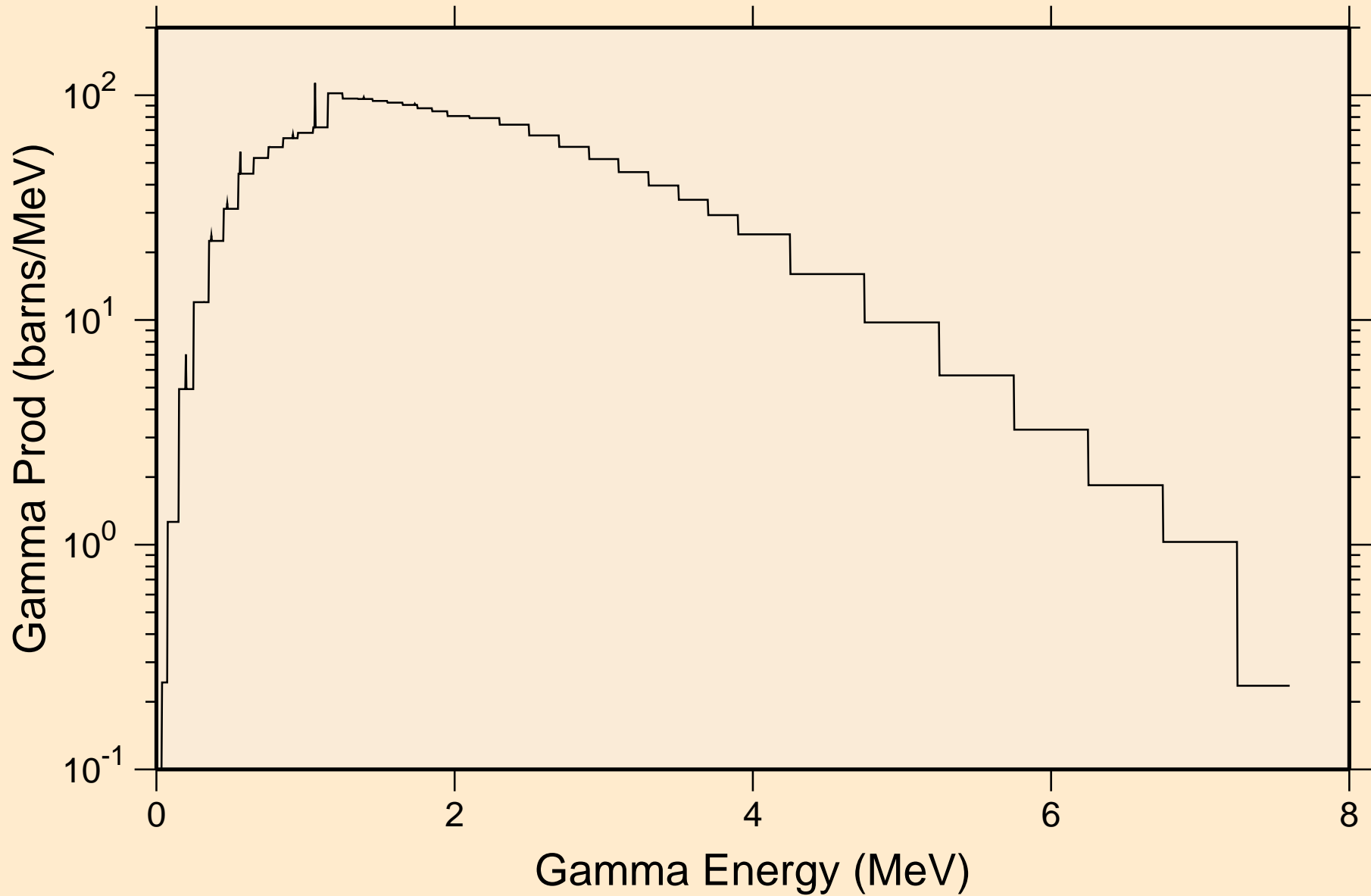
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



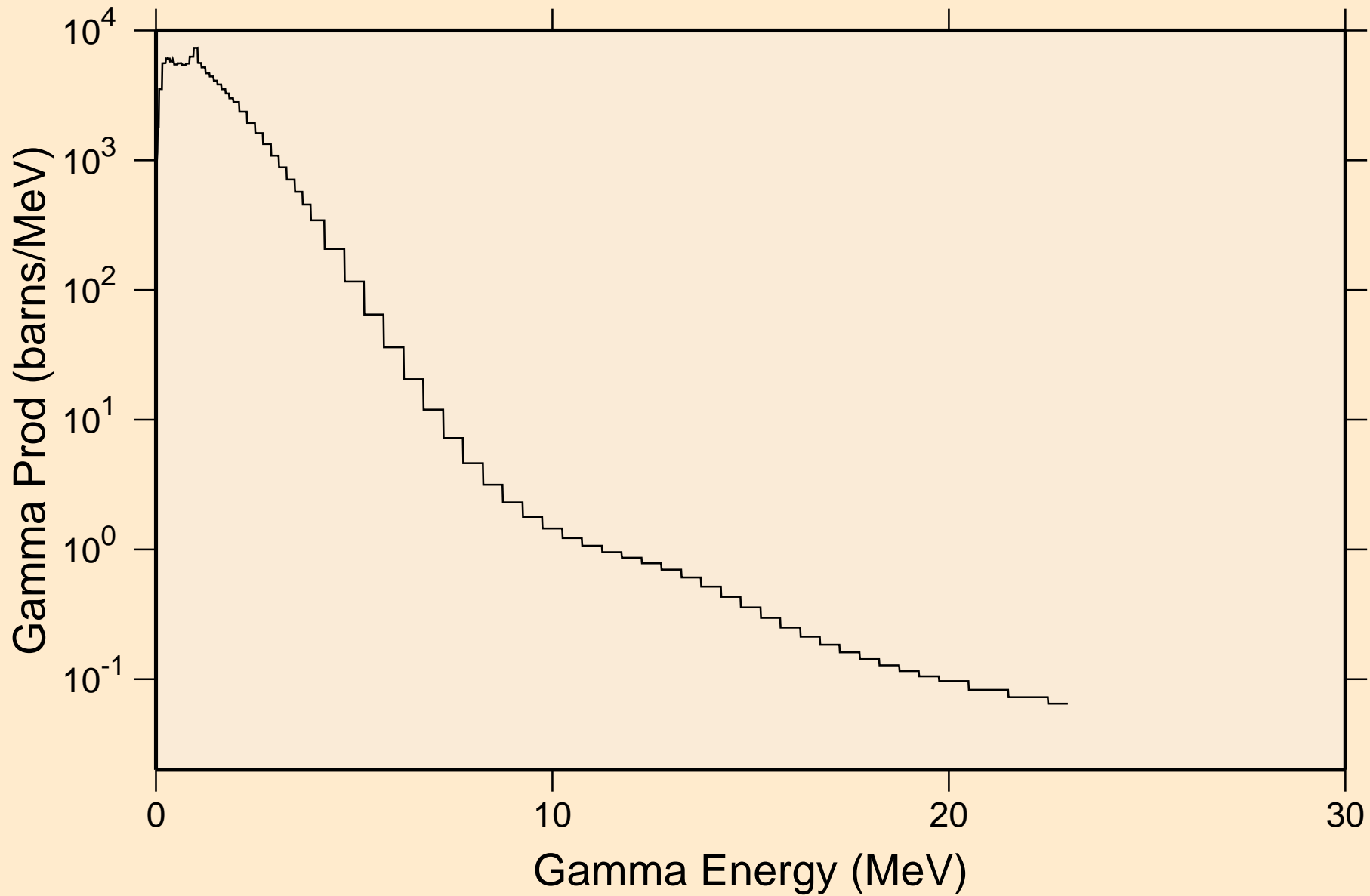
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

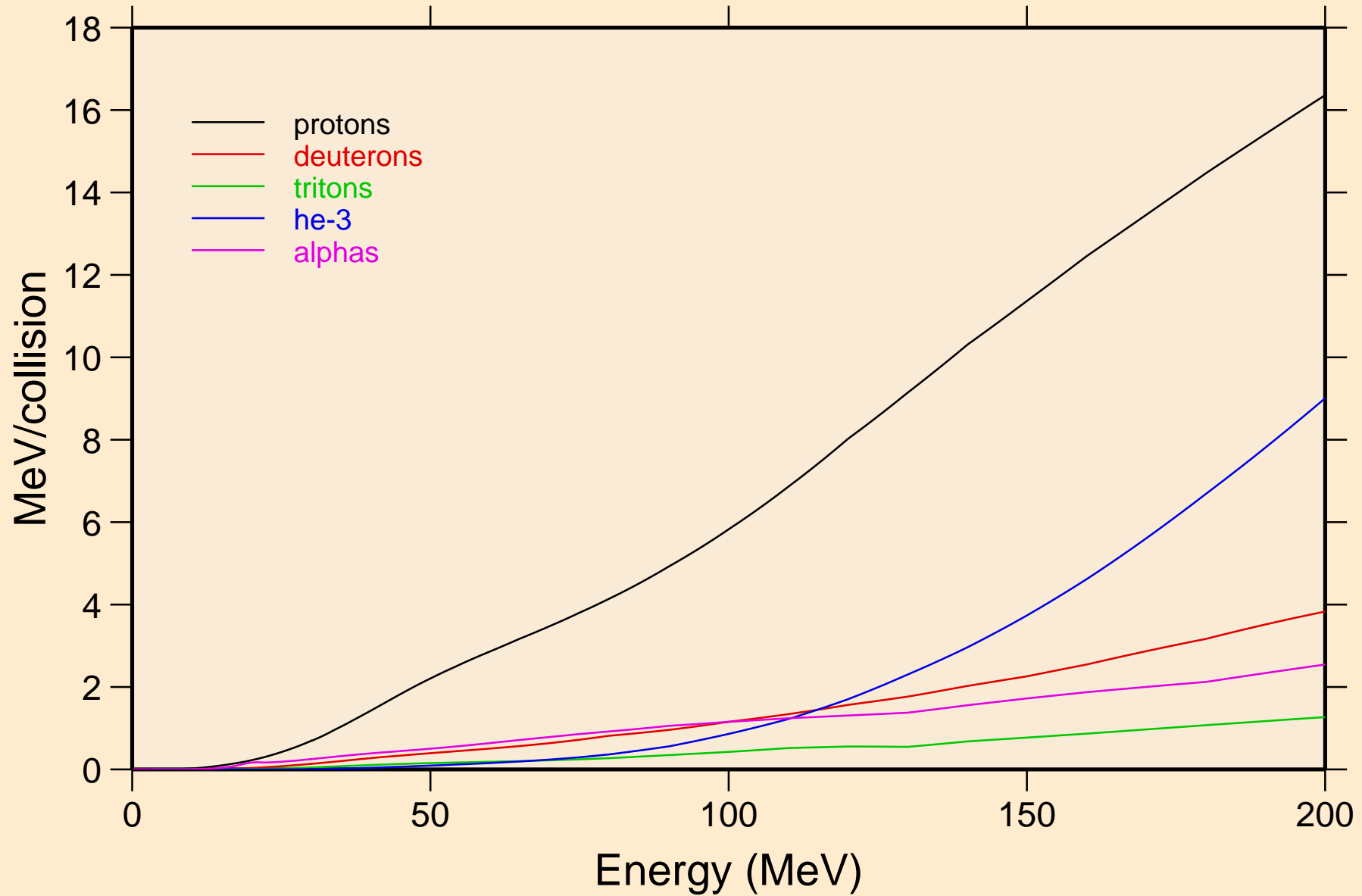


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

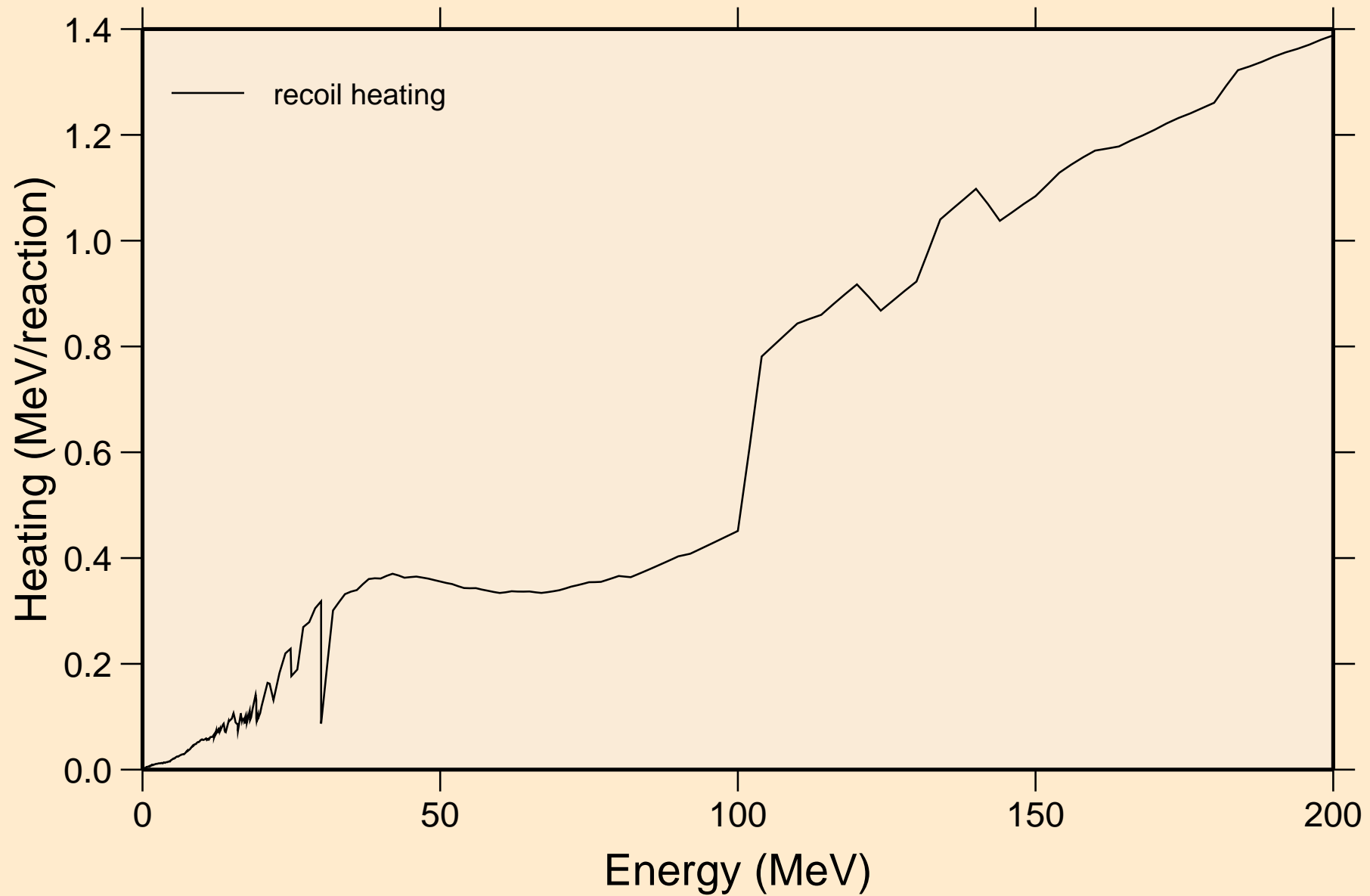


# PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

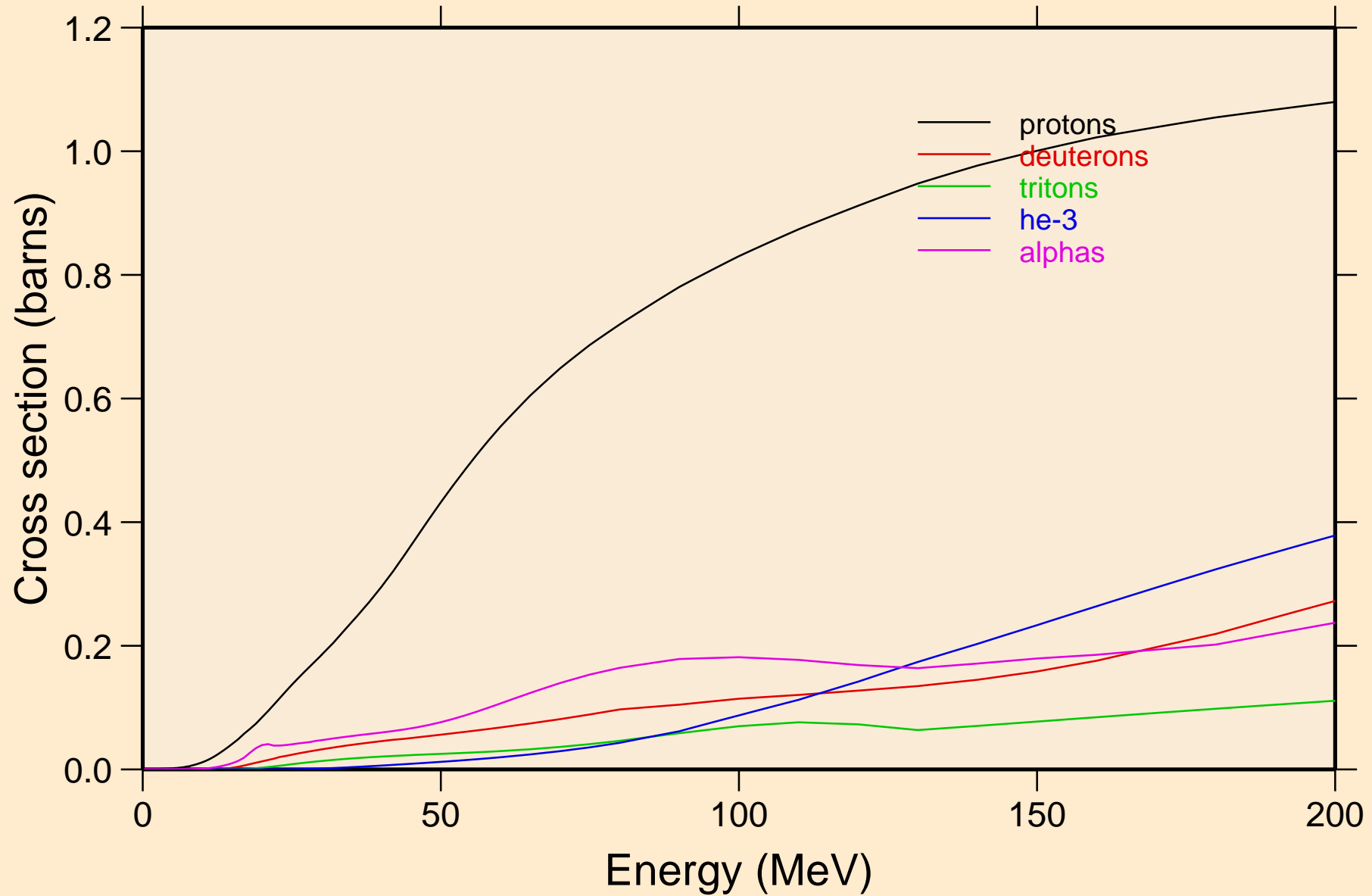
## Particle heating contributions



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

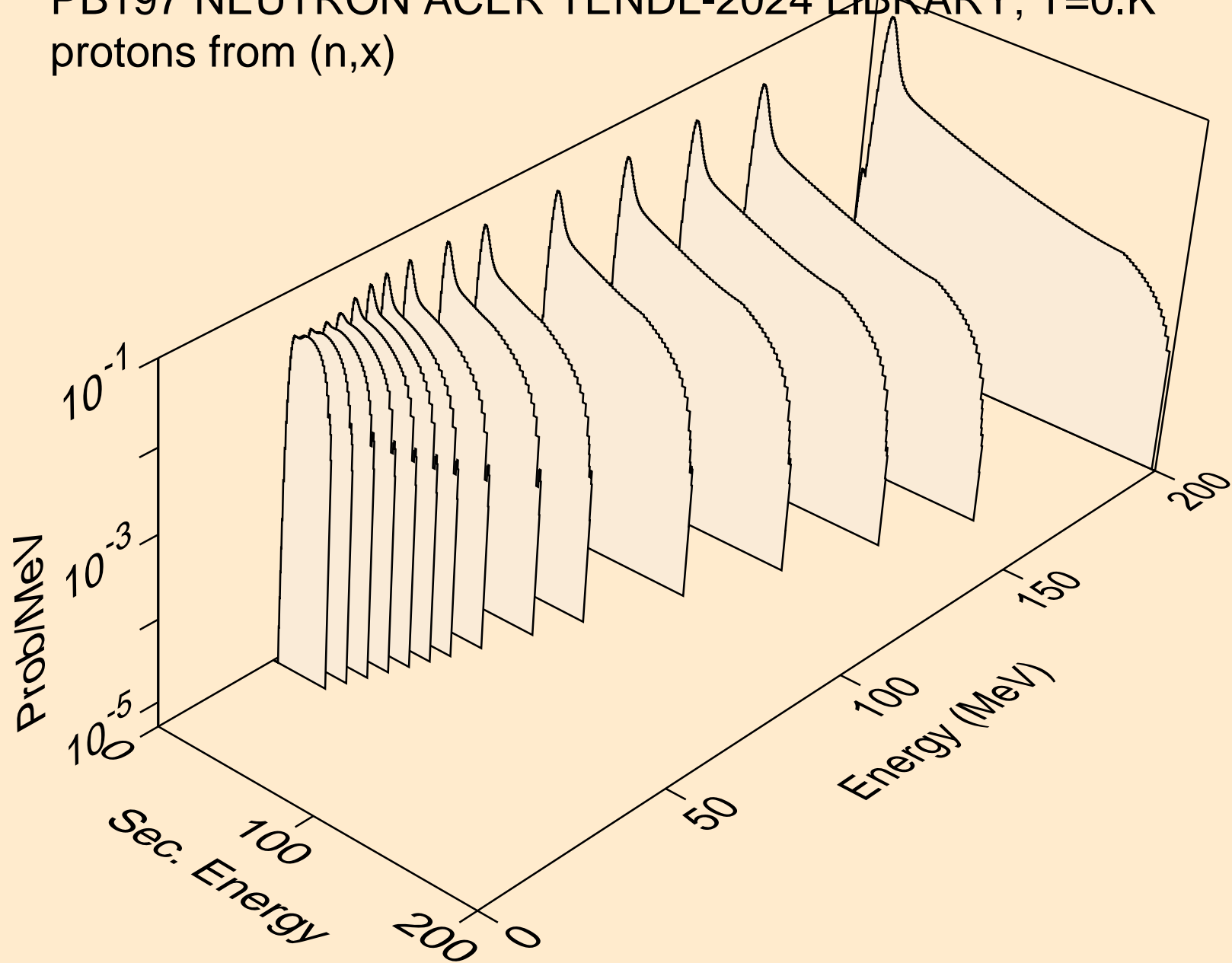


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

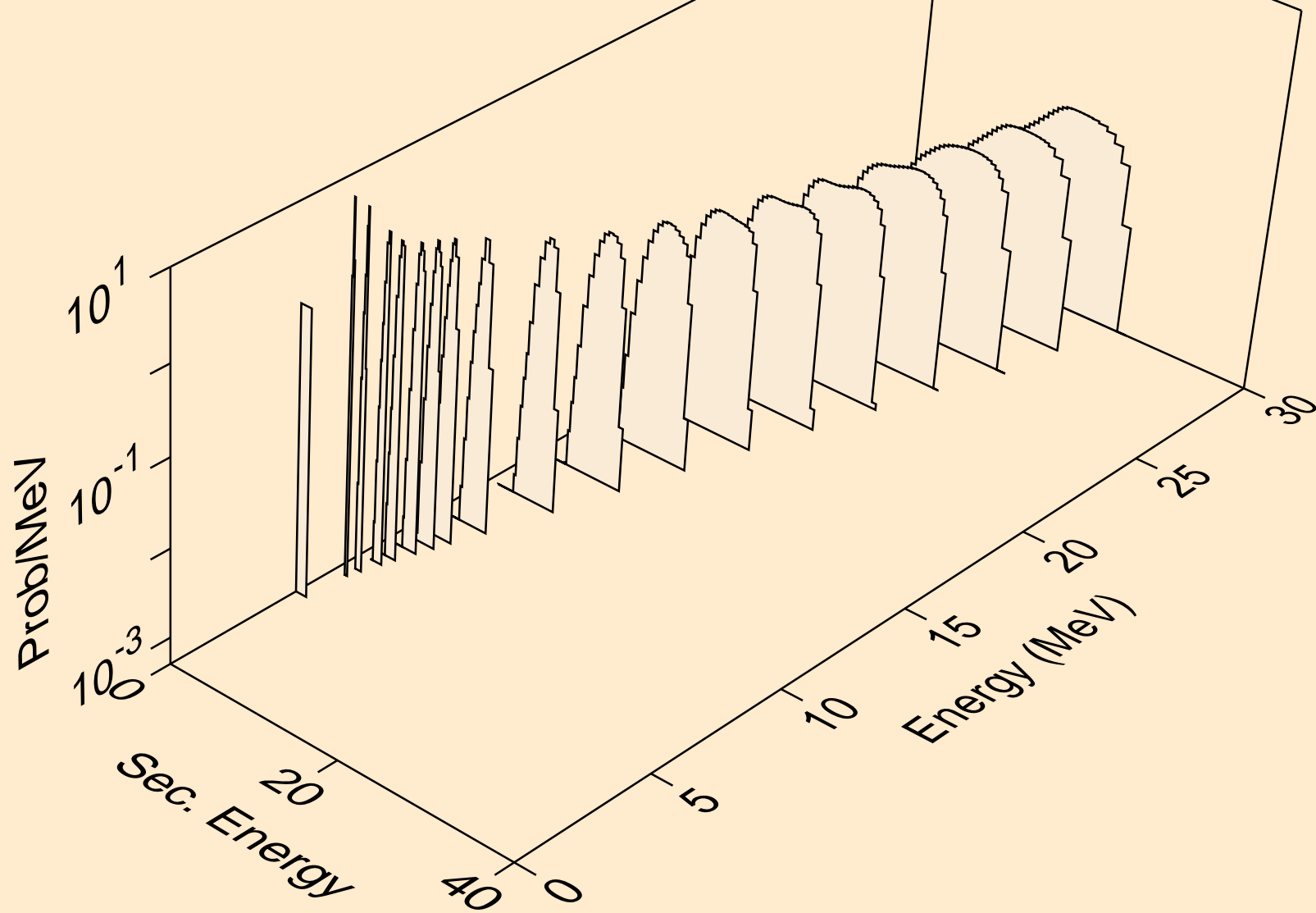




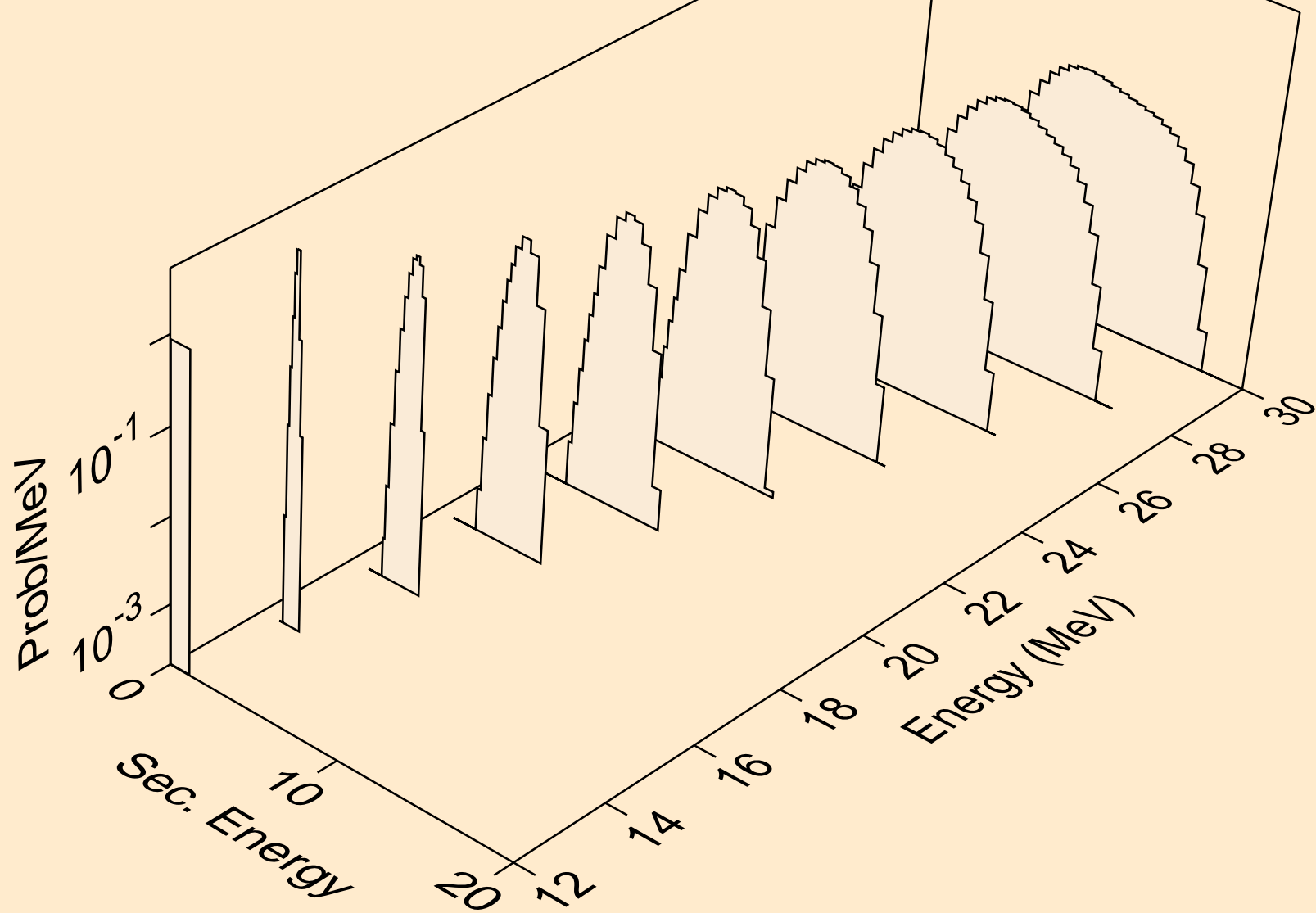
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



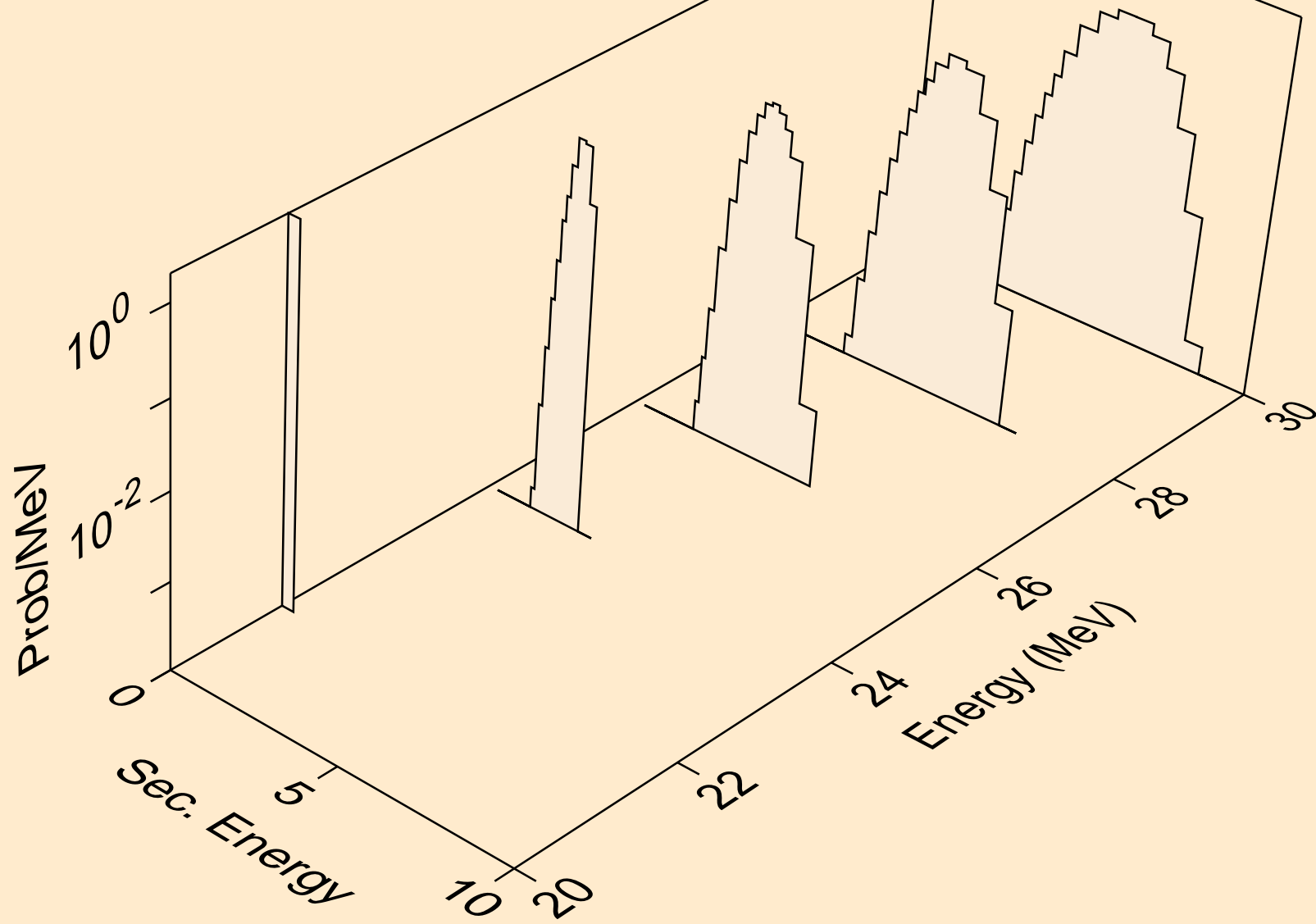
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



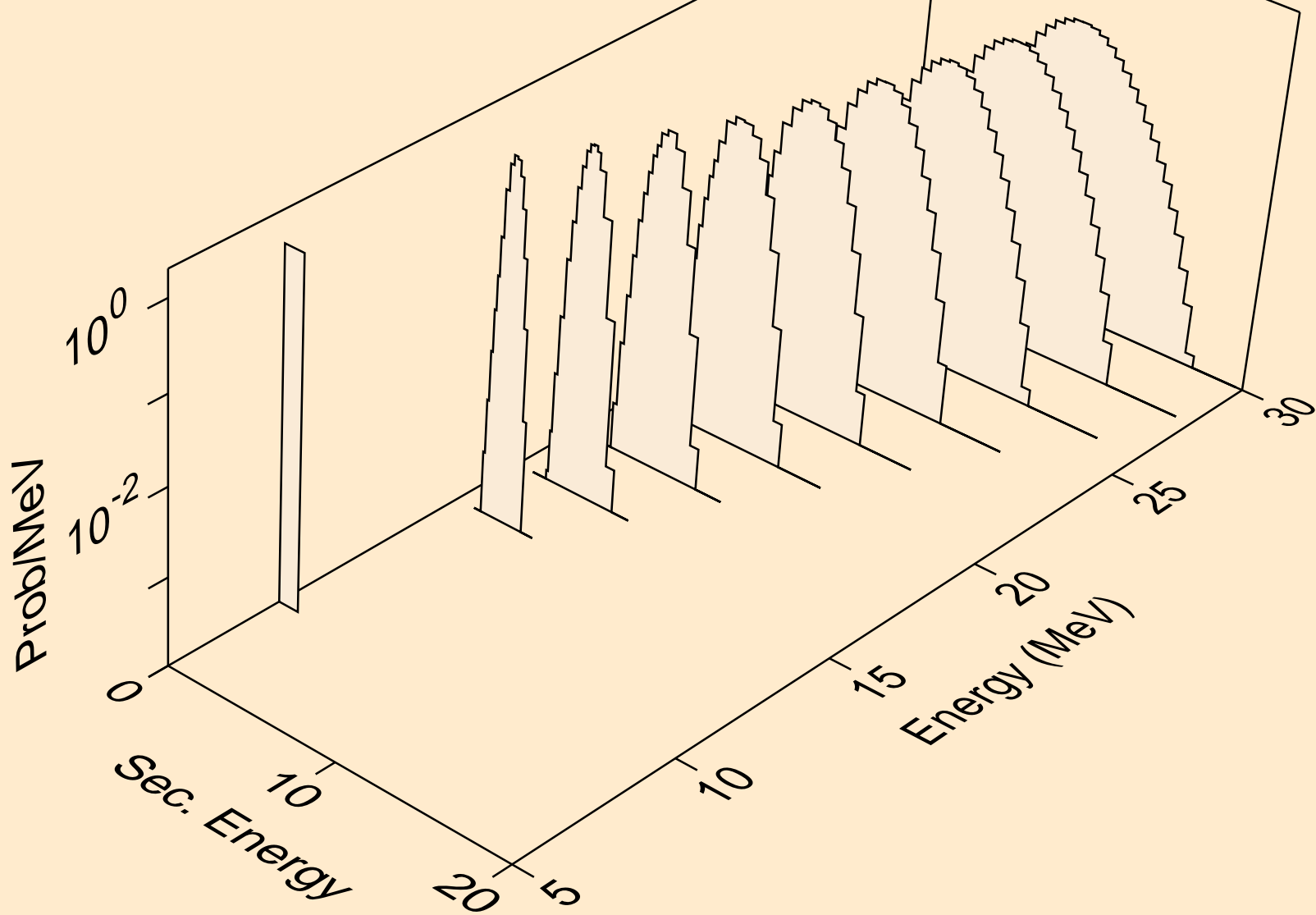
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



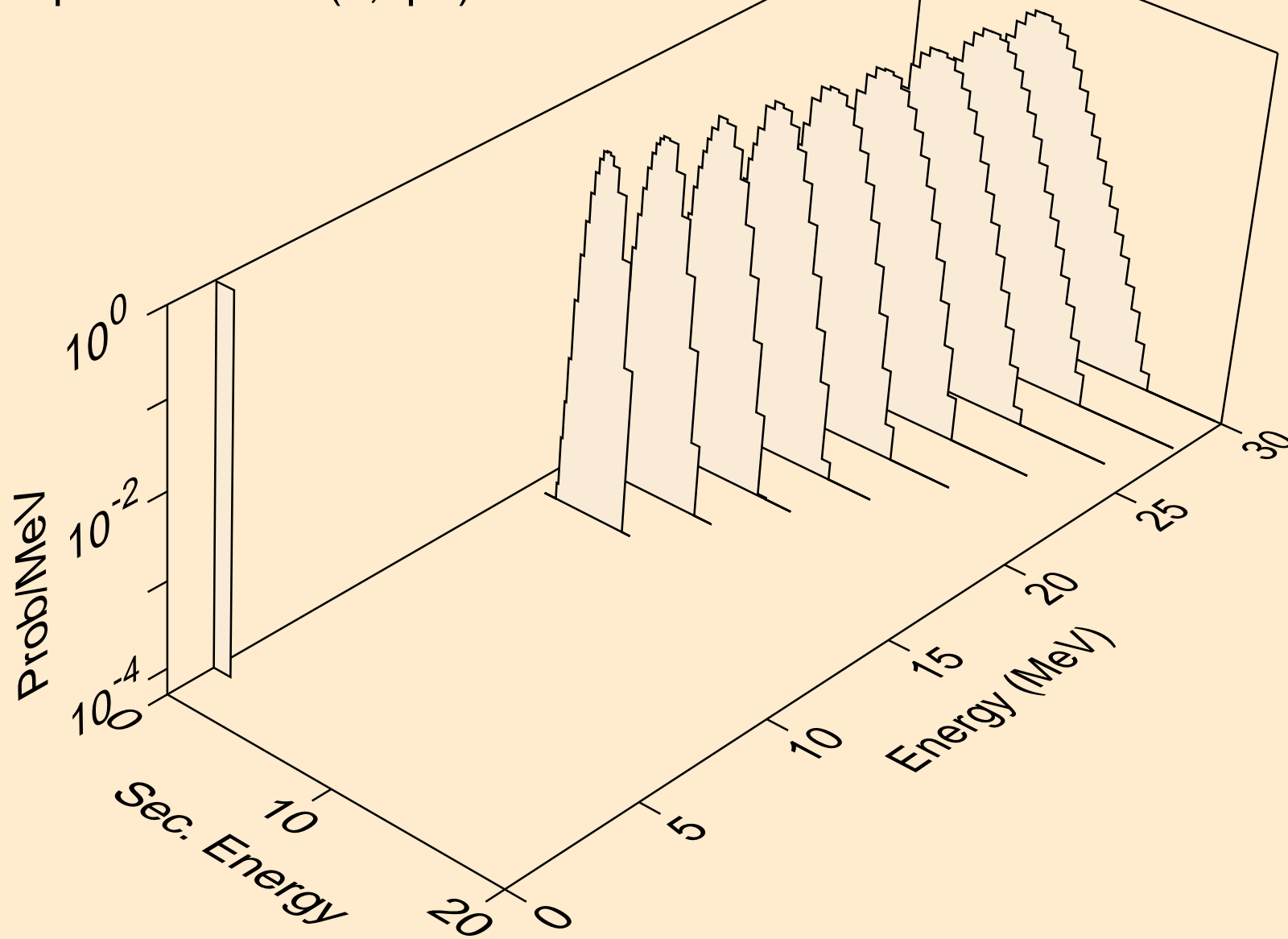
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



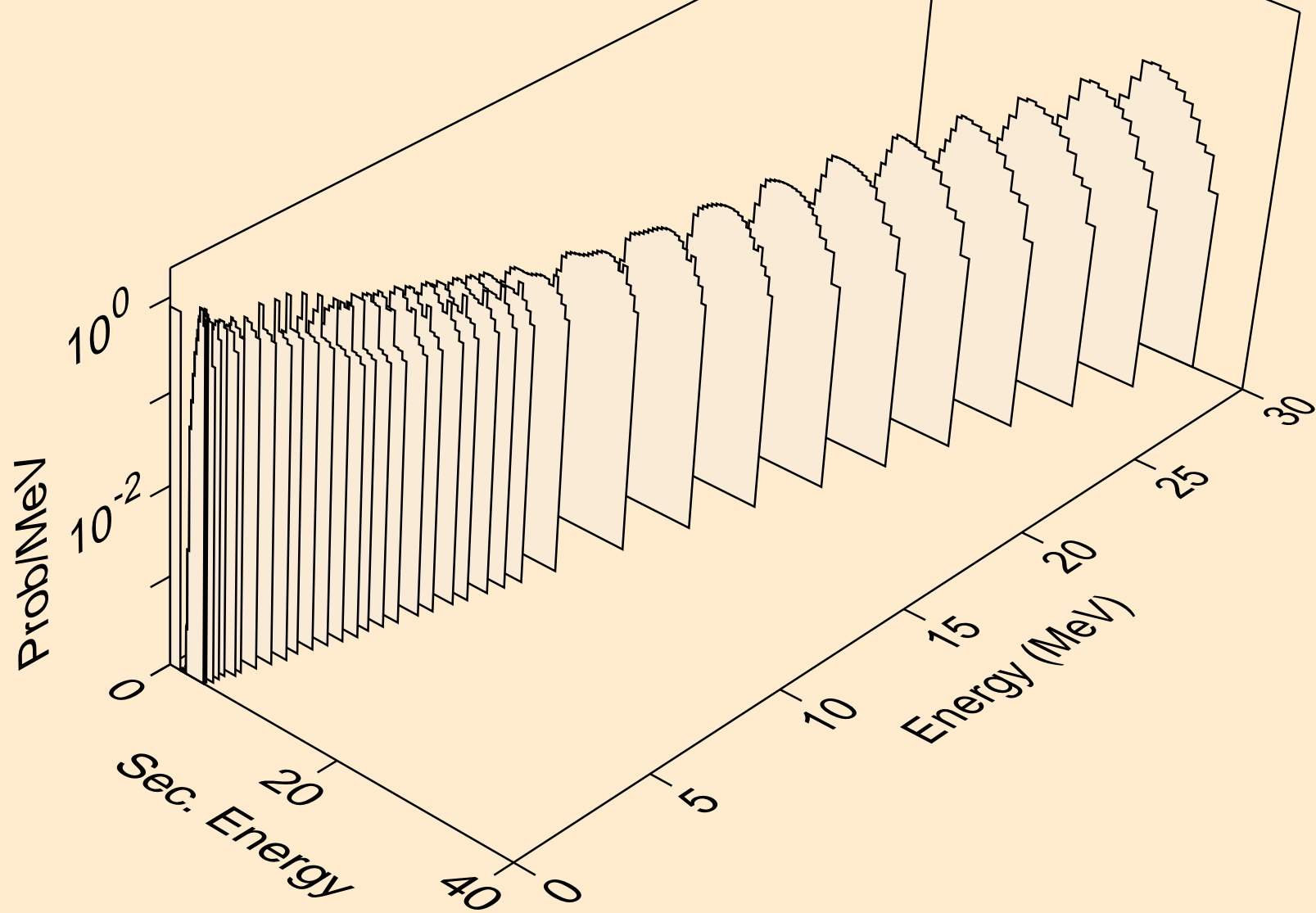
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



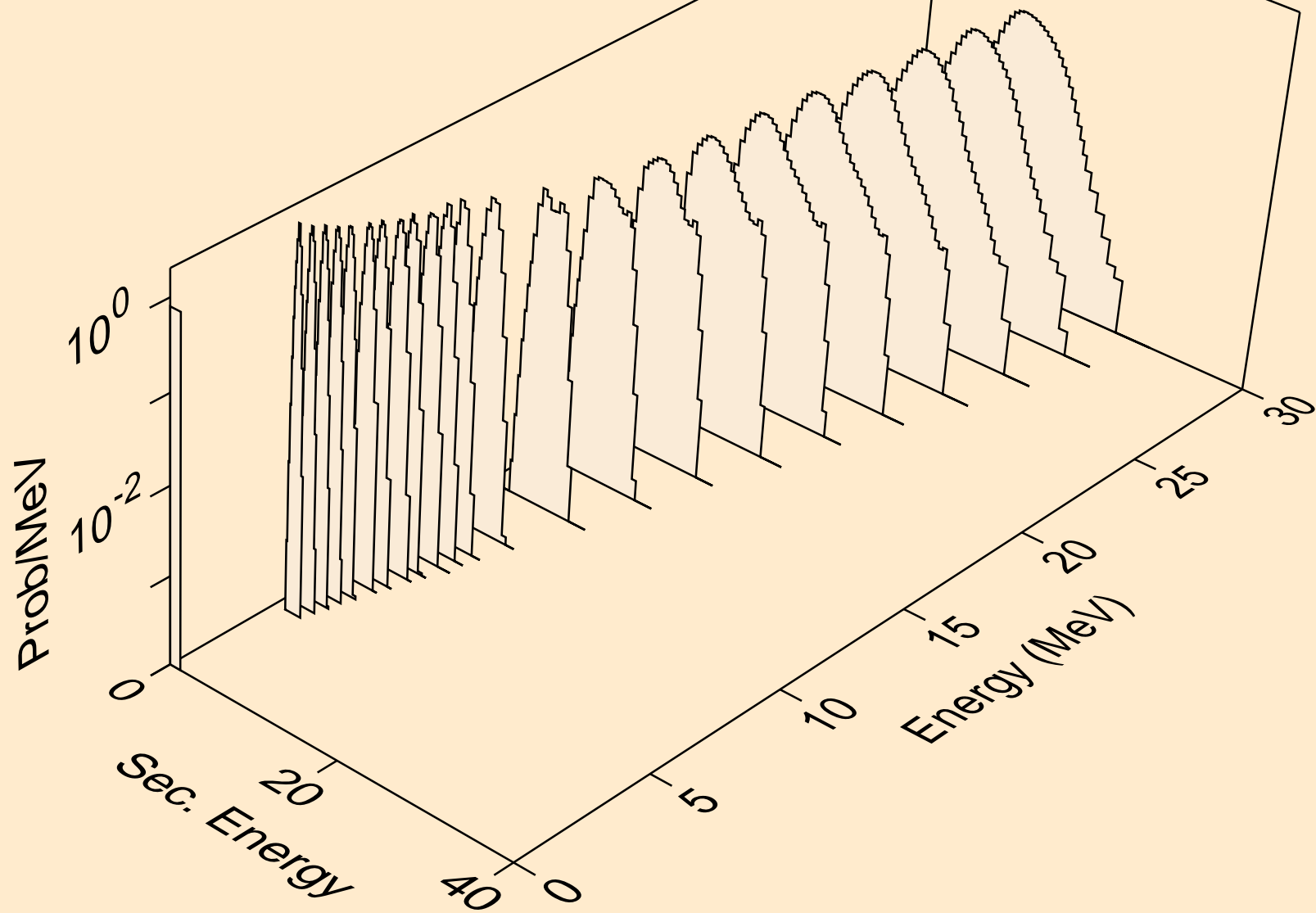
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

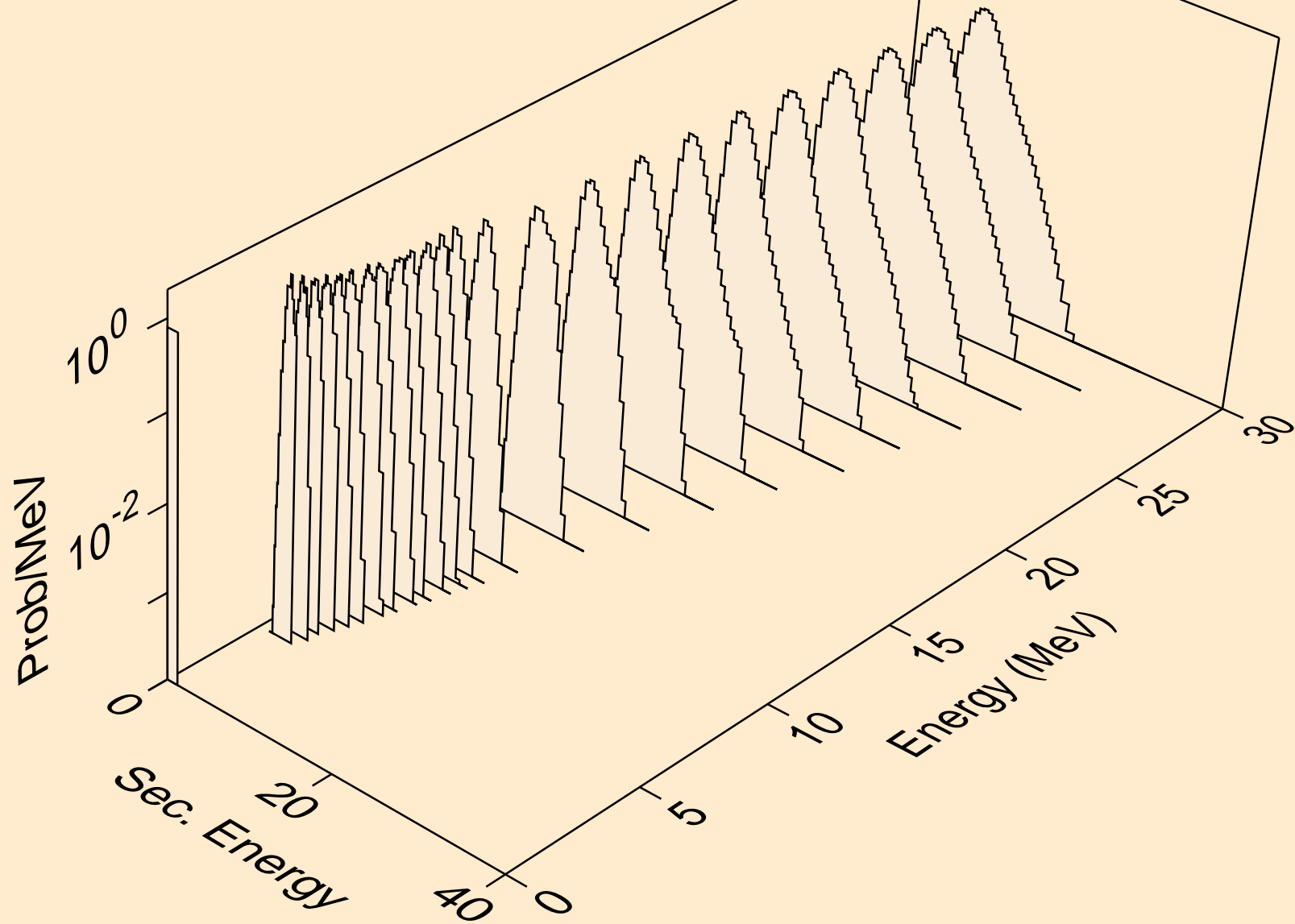


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

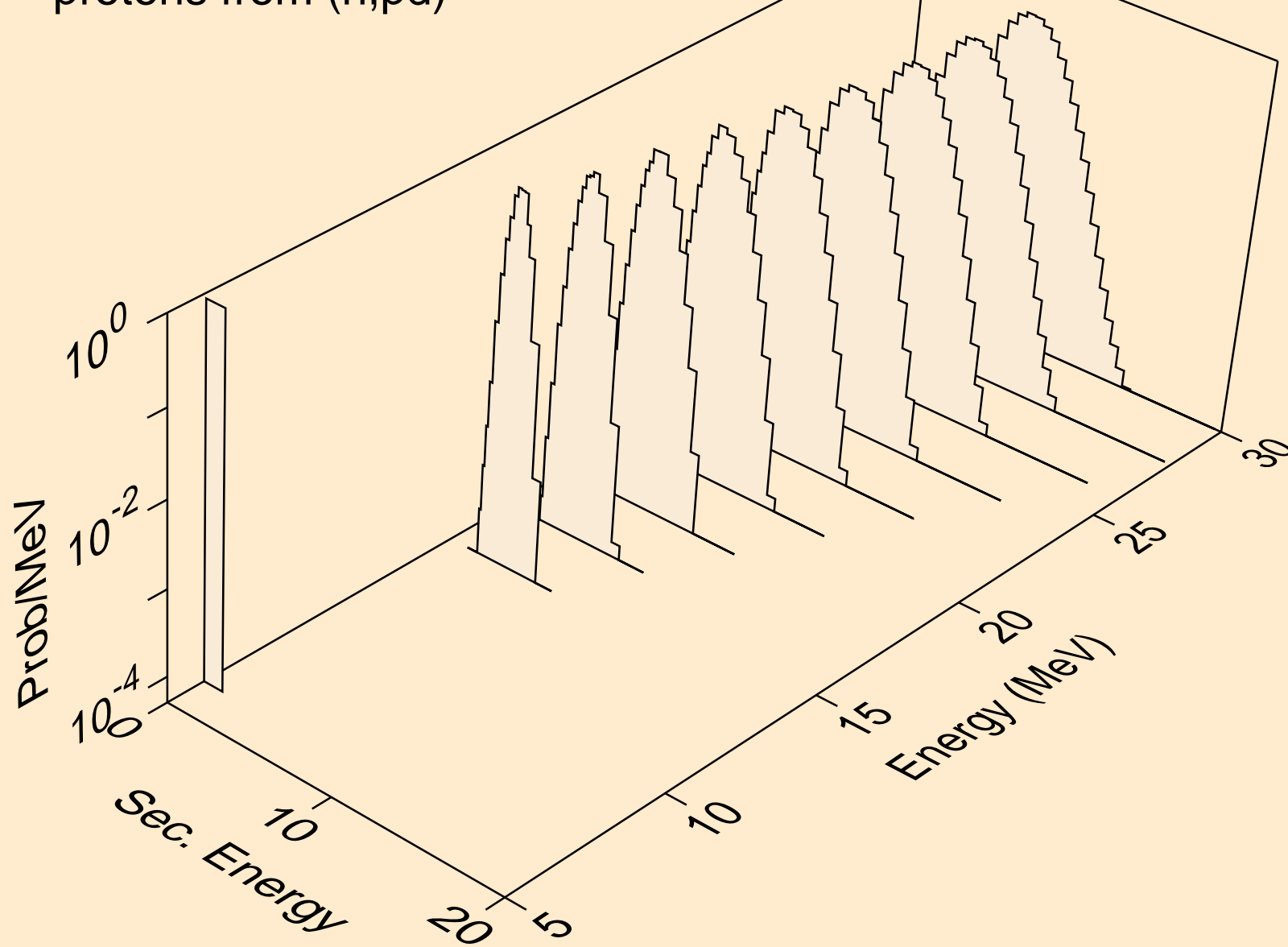




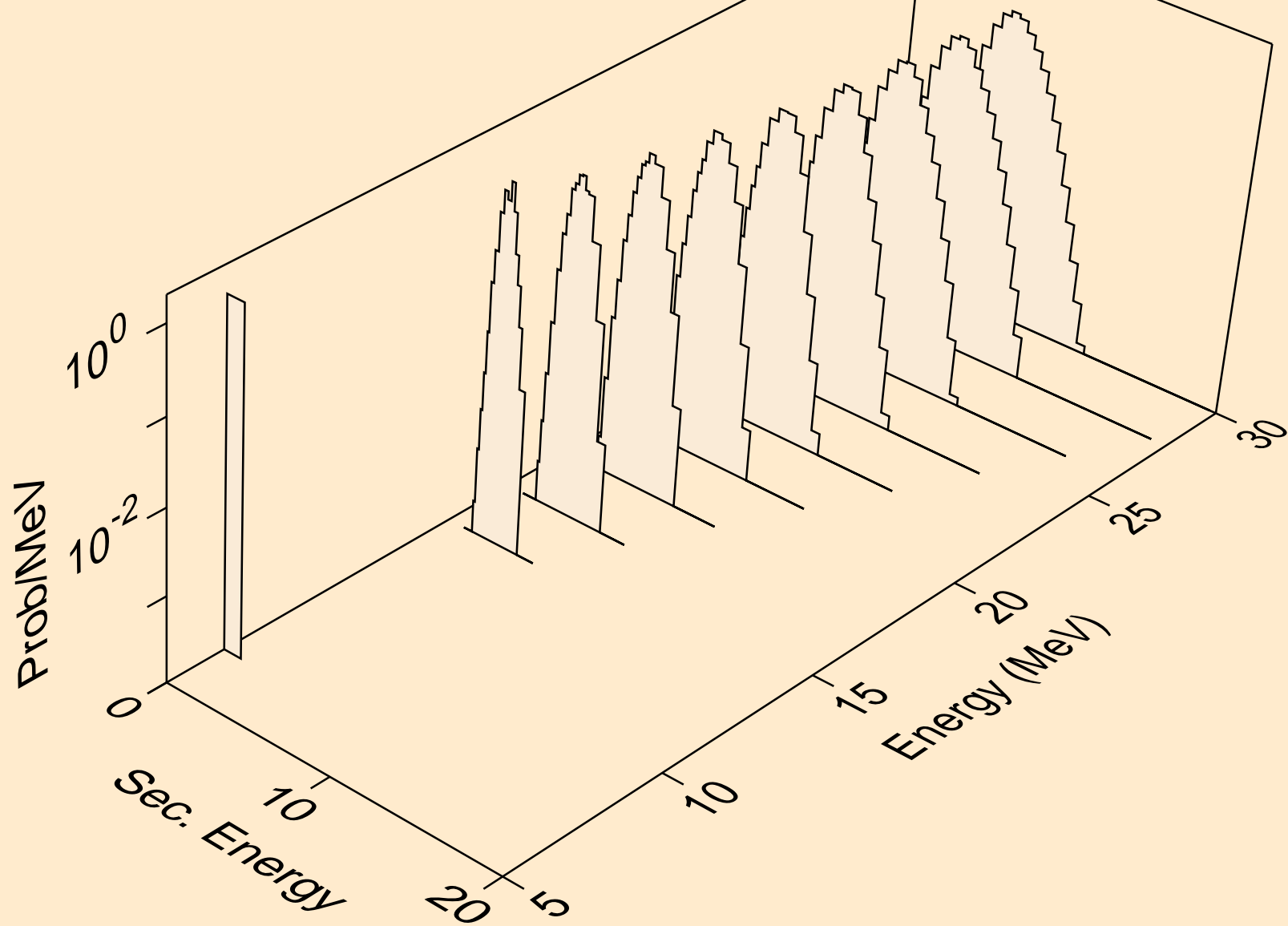
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protons from (n,p)



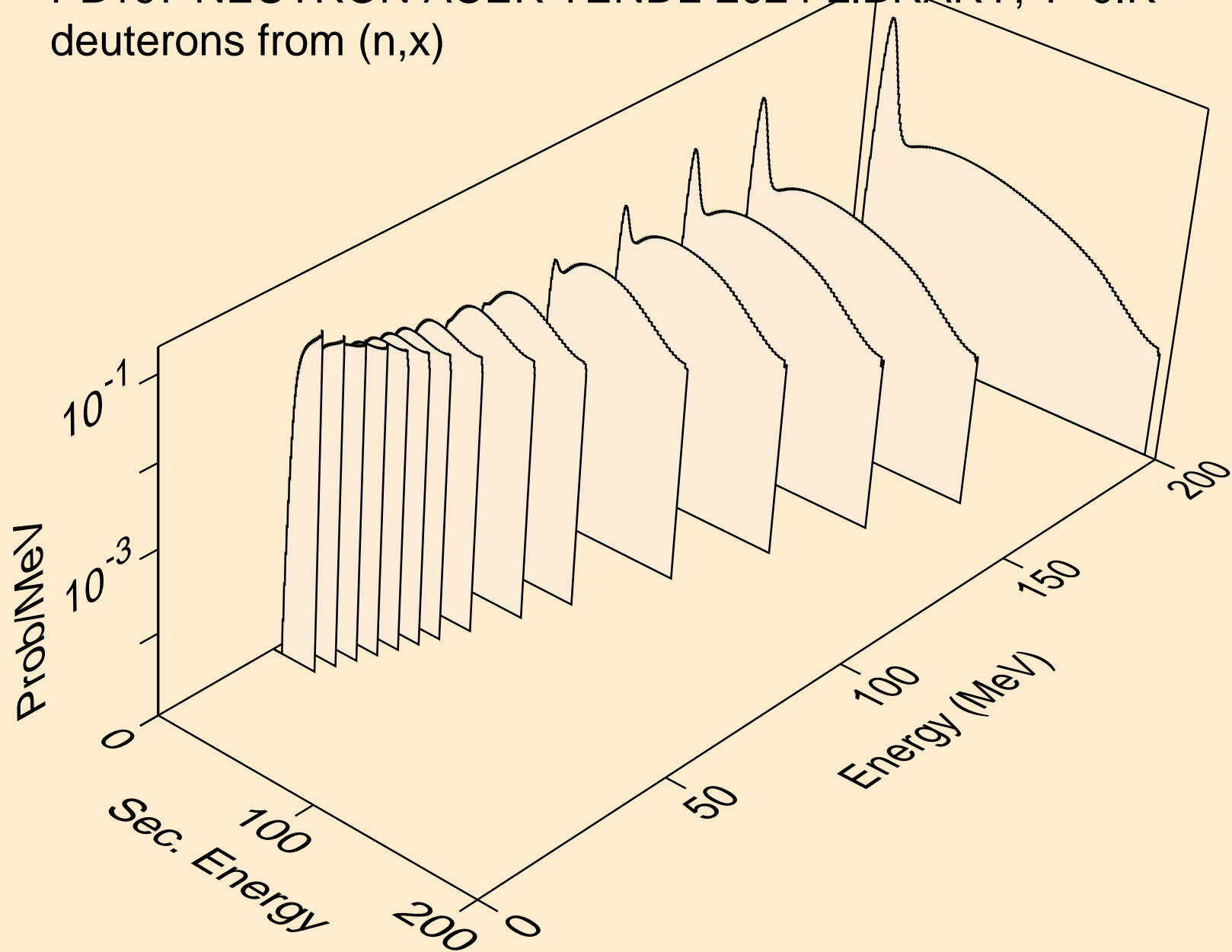
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



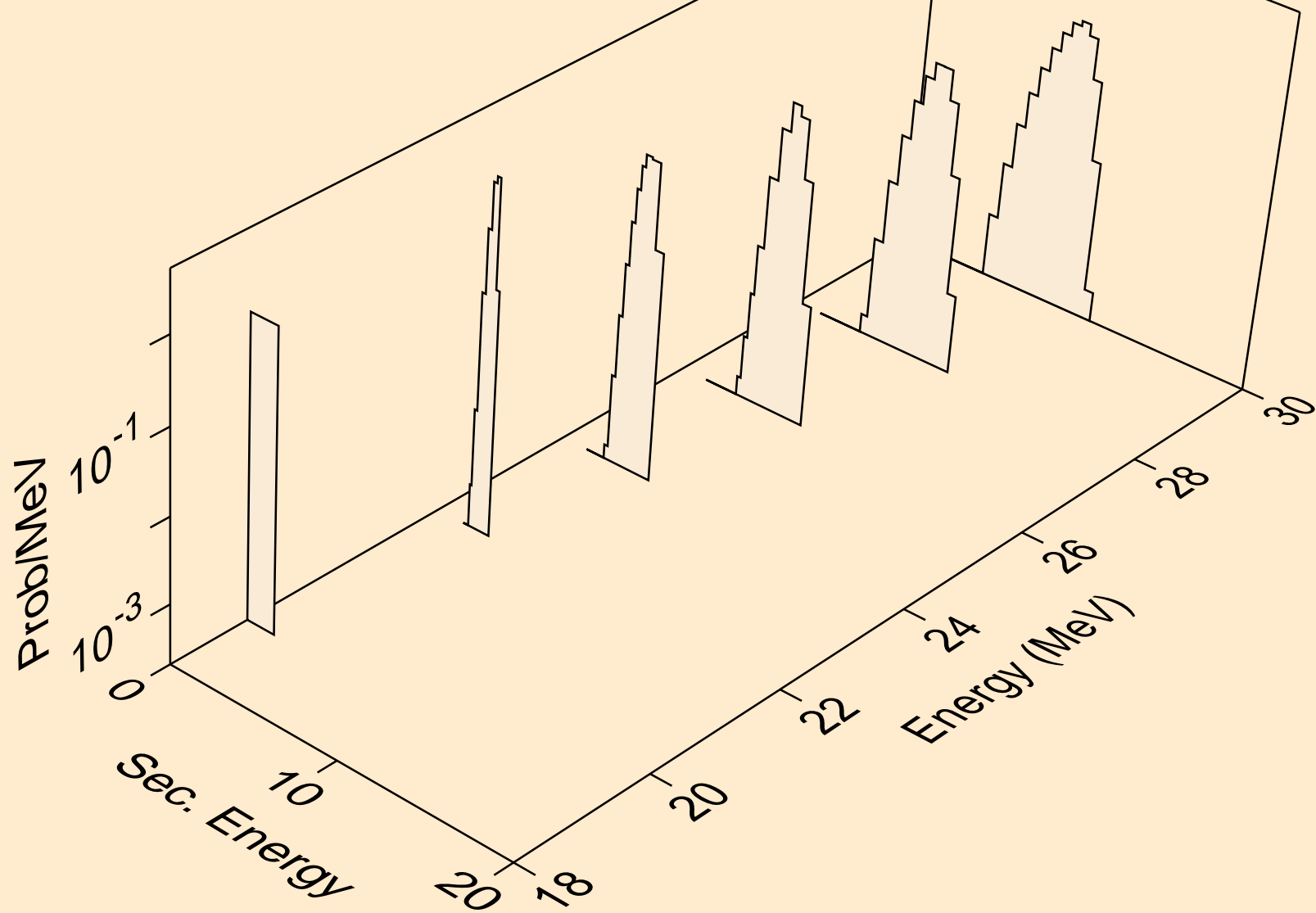
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



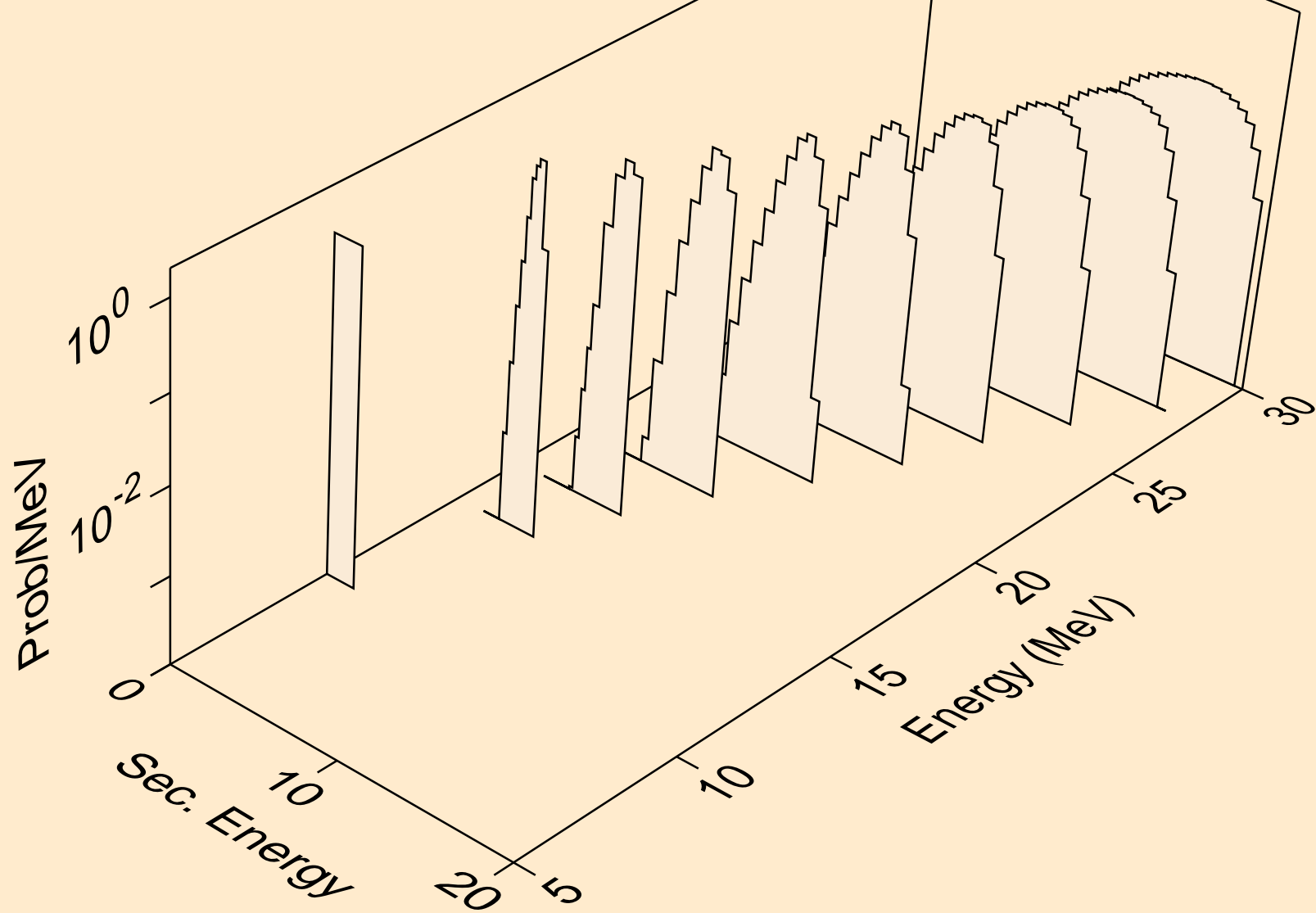
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



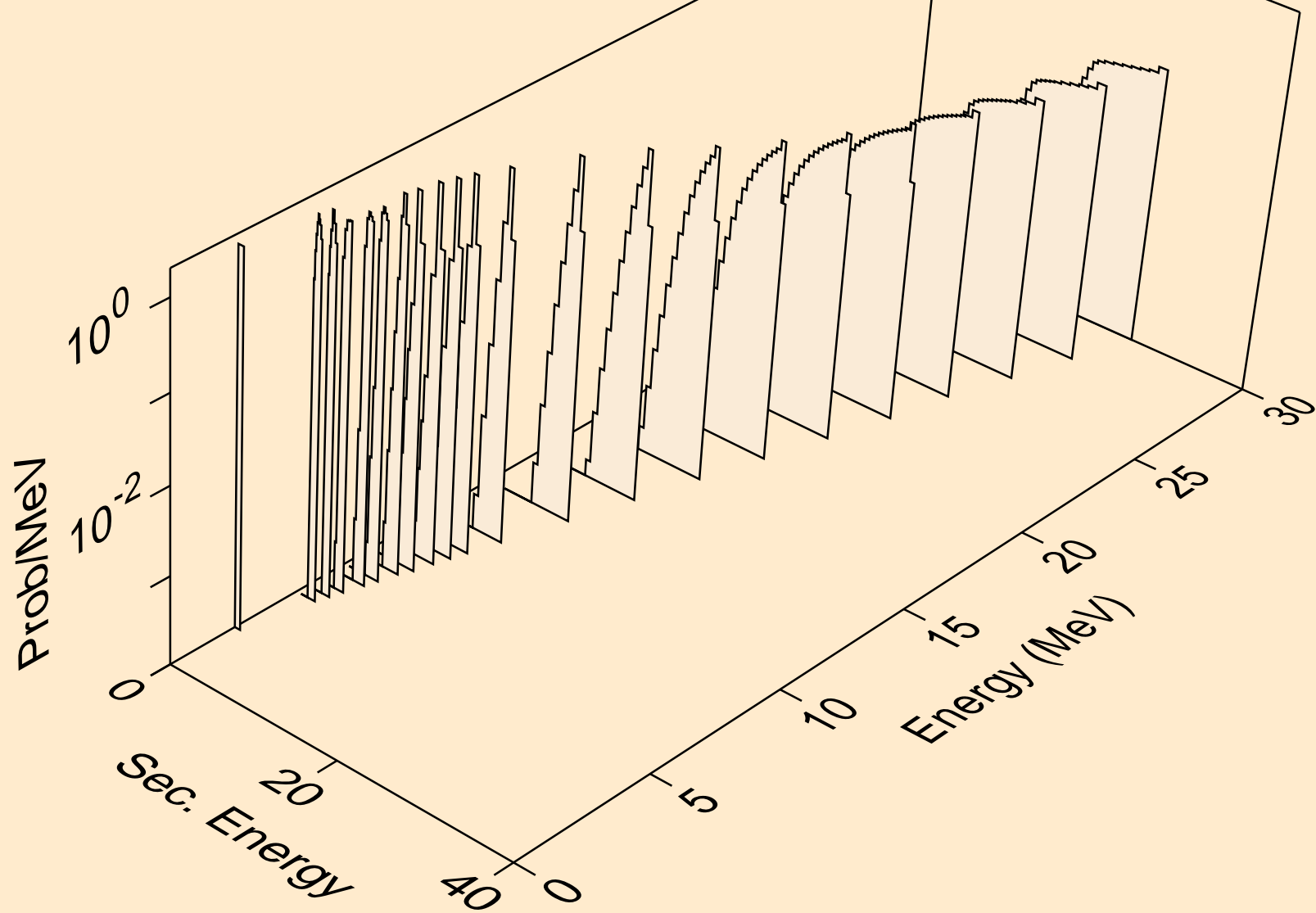
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



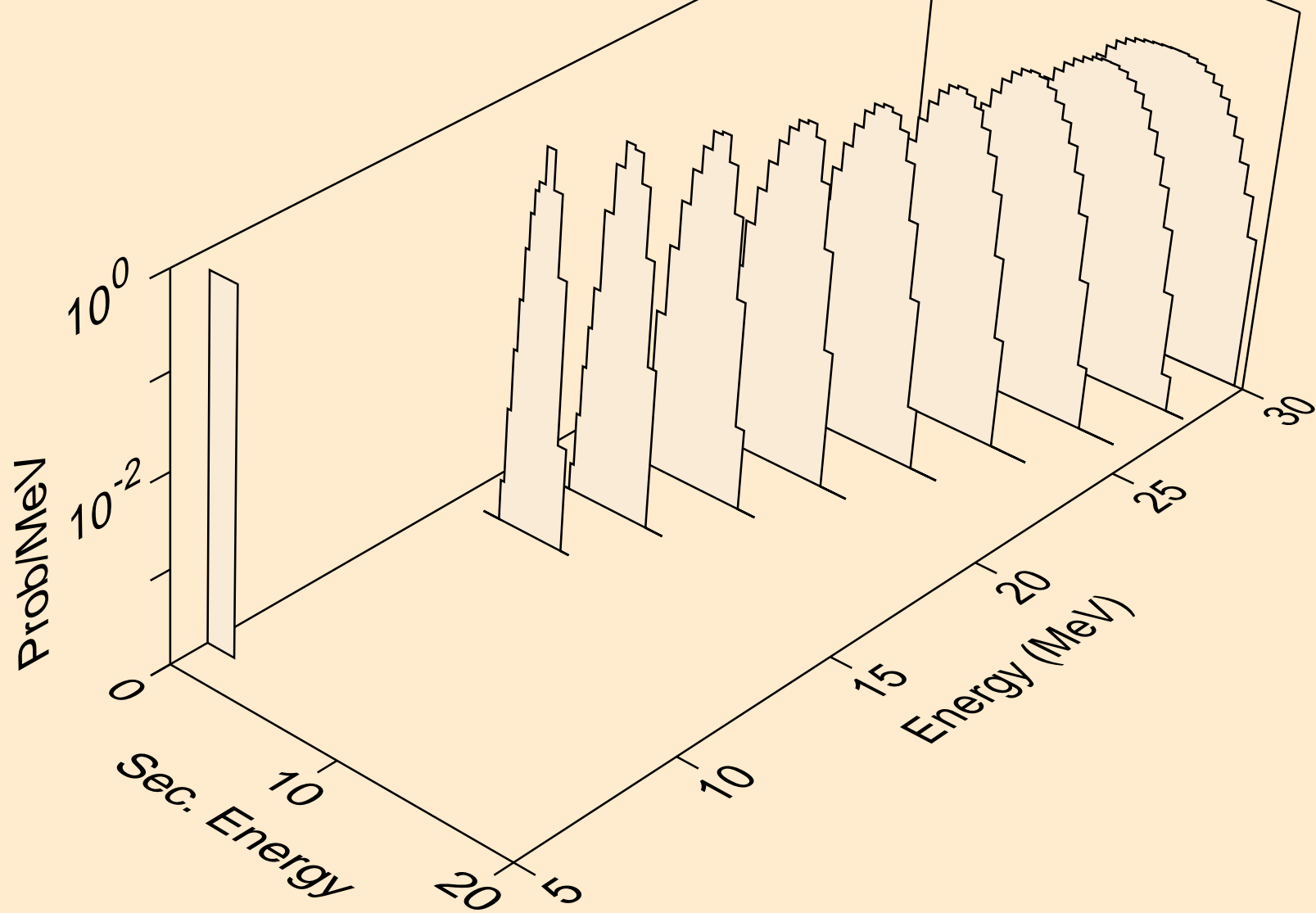
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

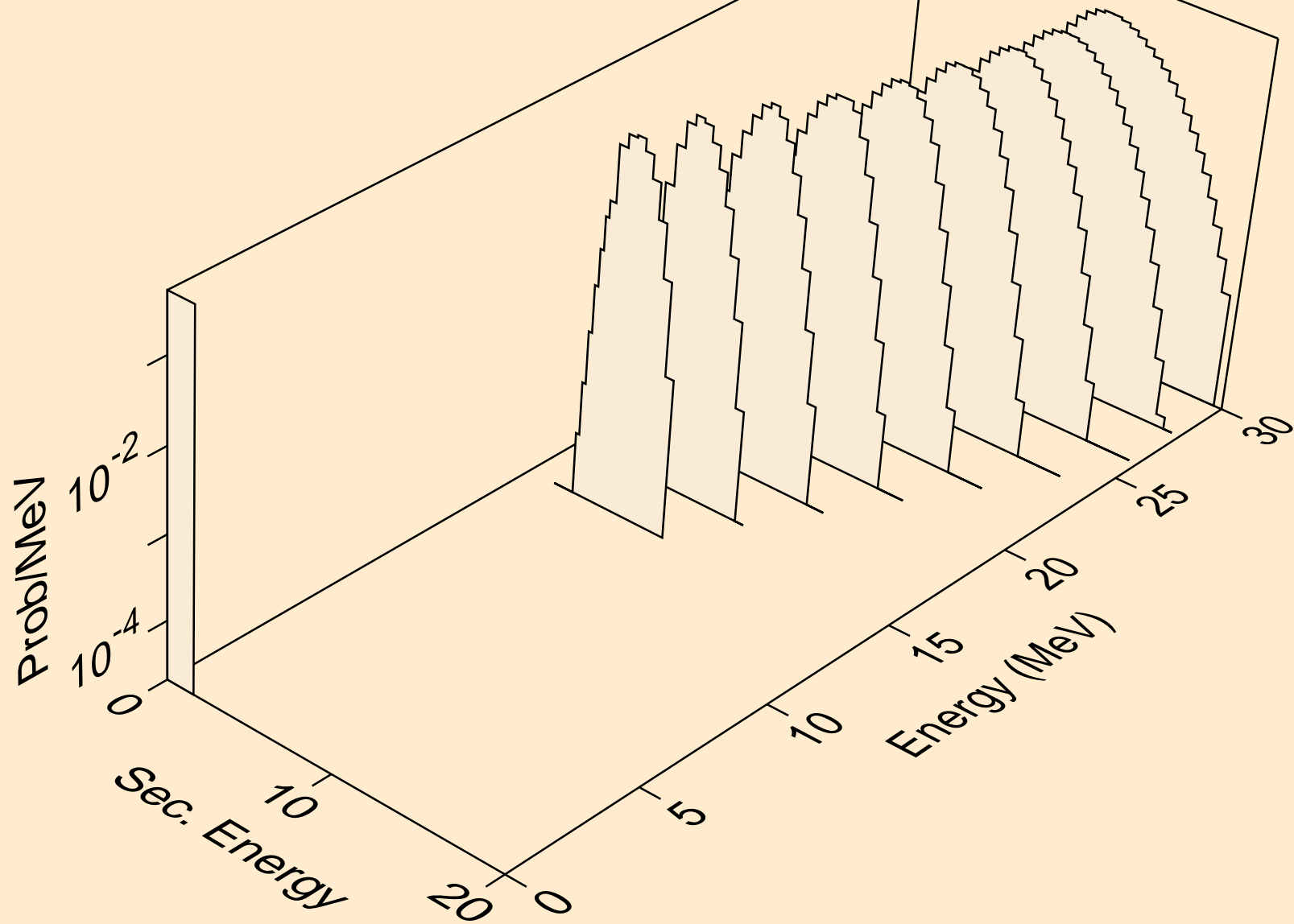


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

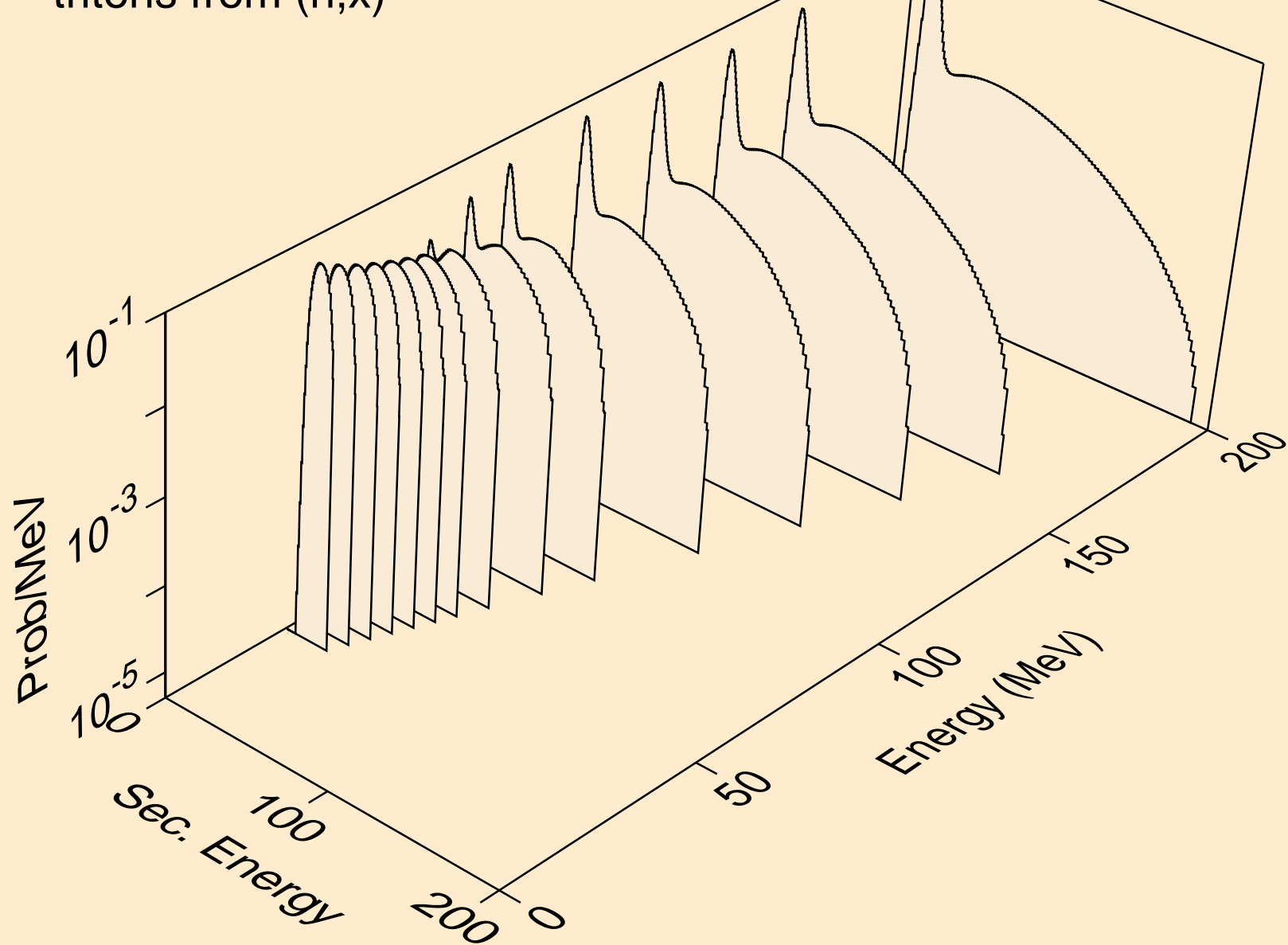




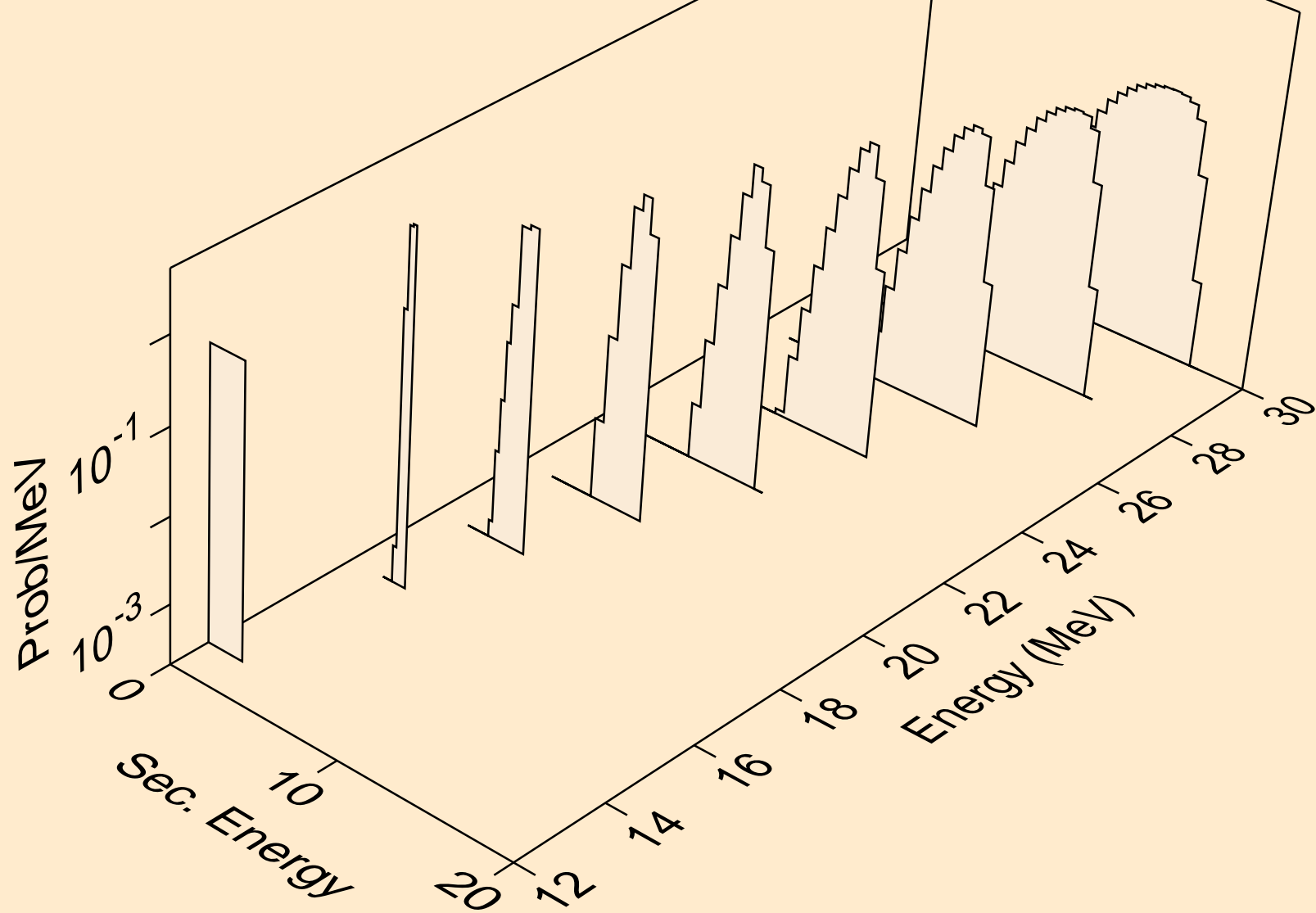
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



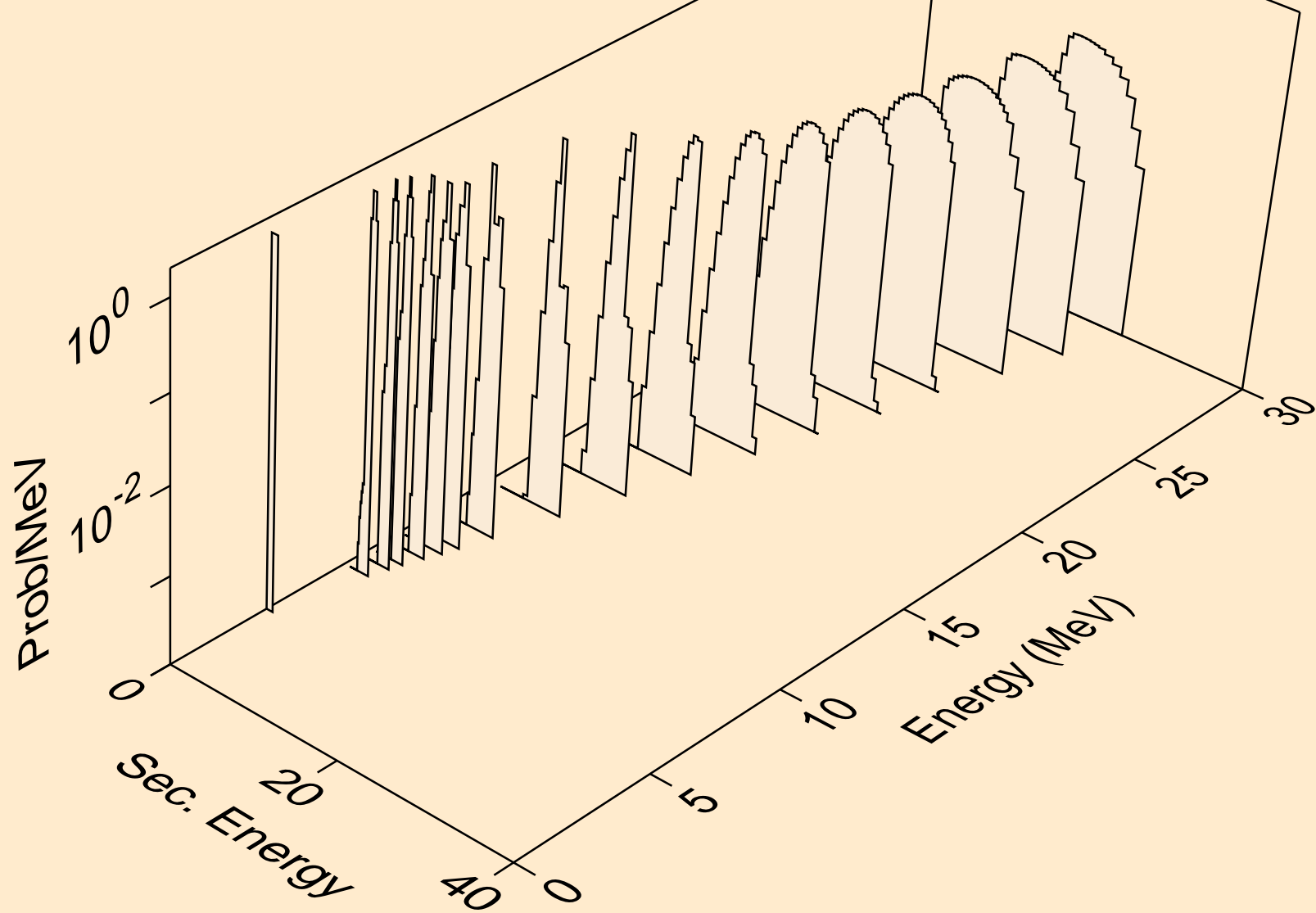
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



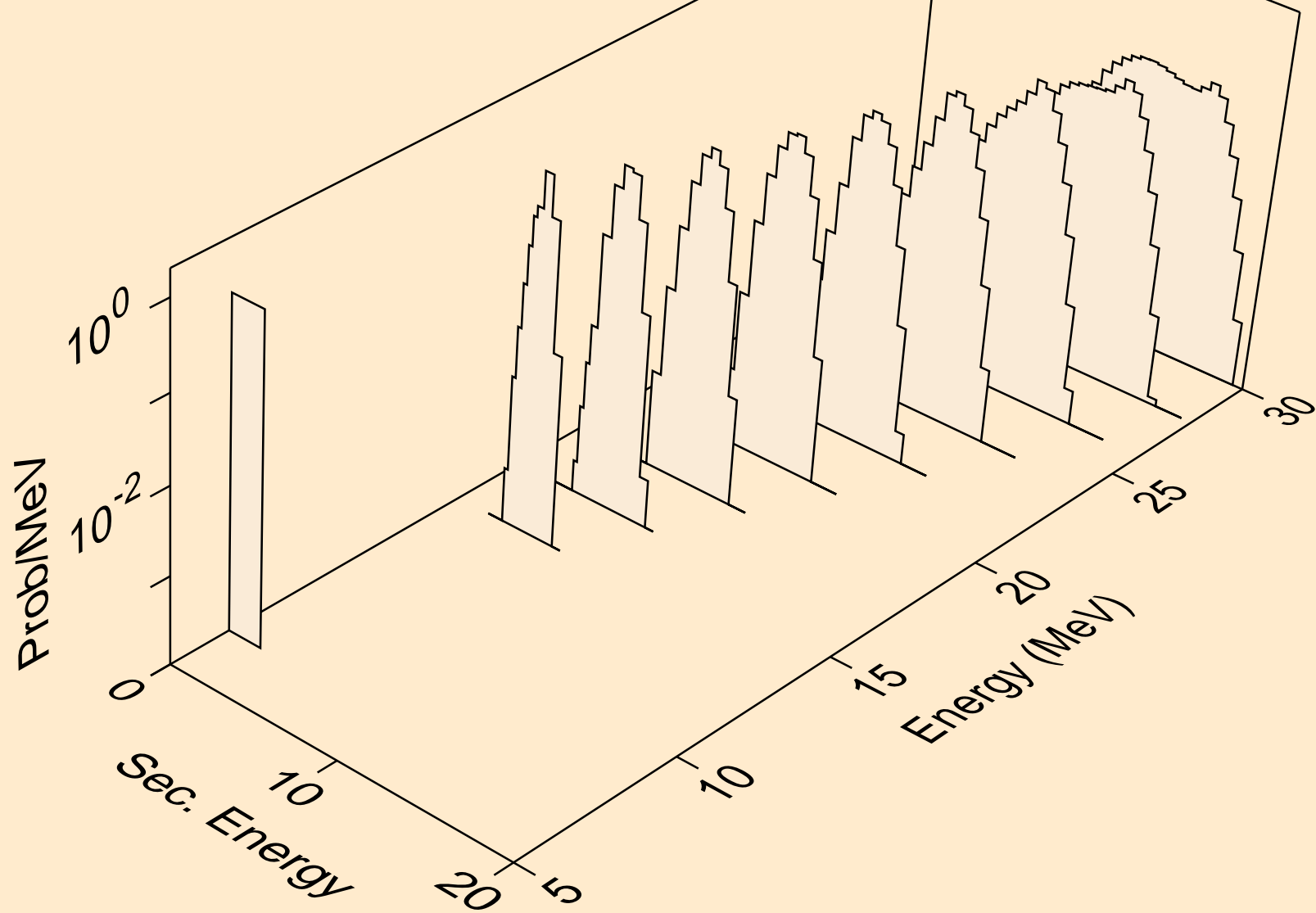
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



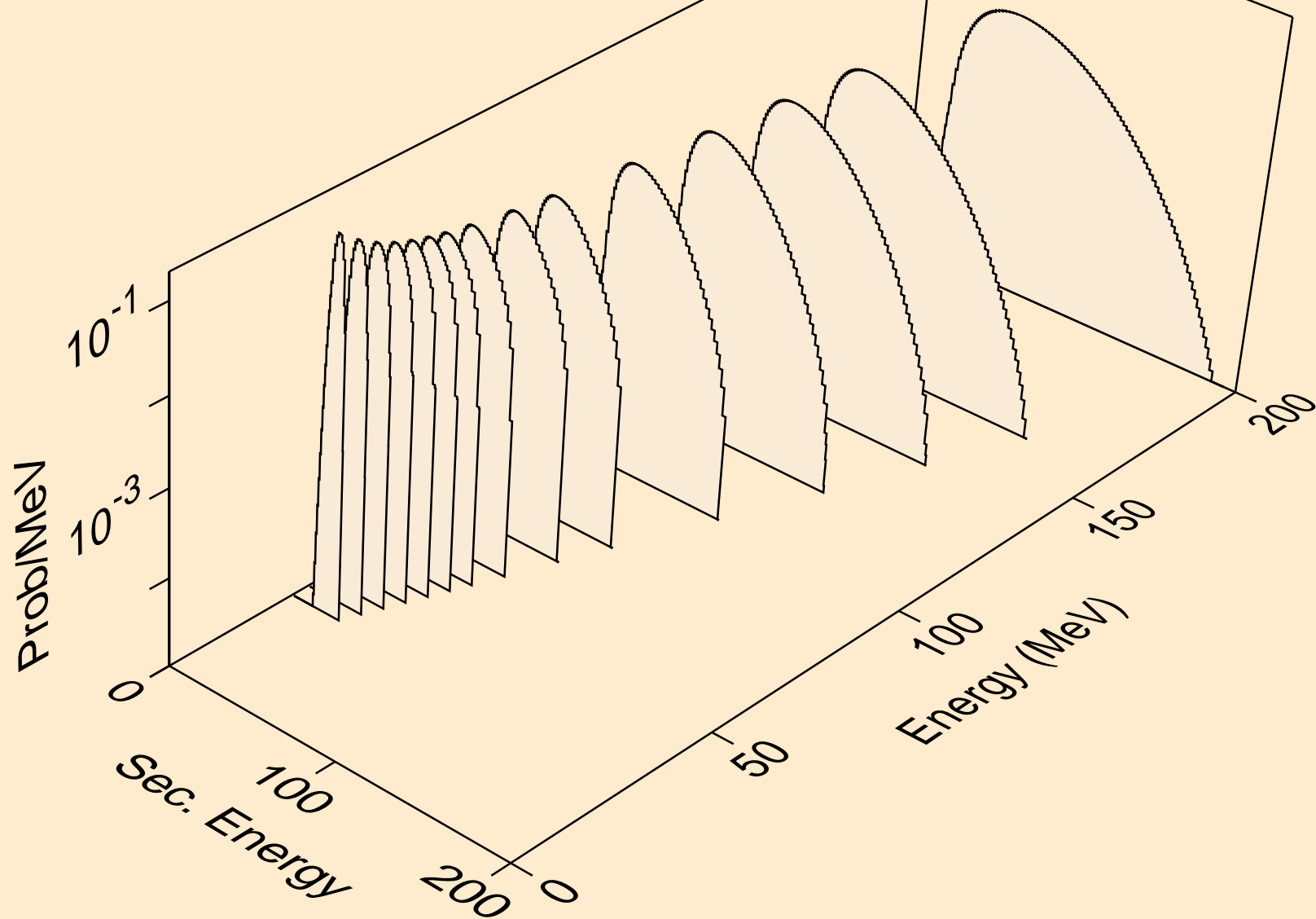
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tritons from (n,t)



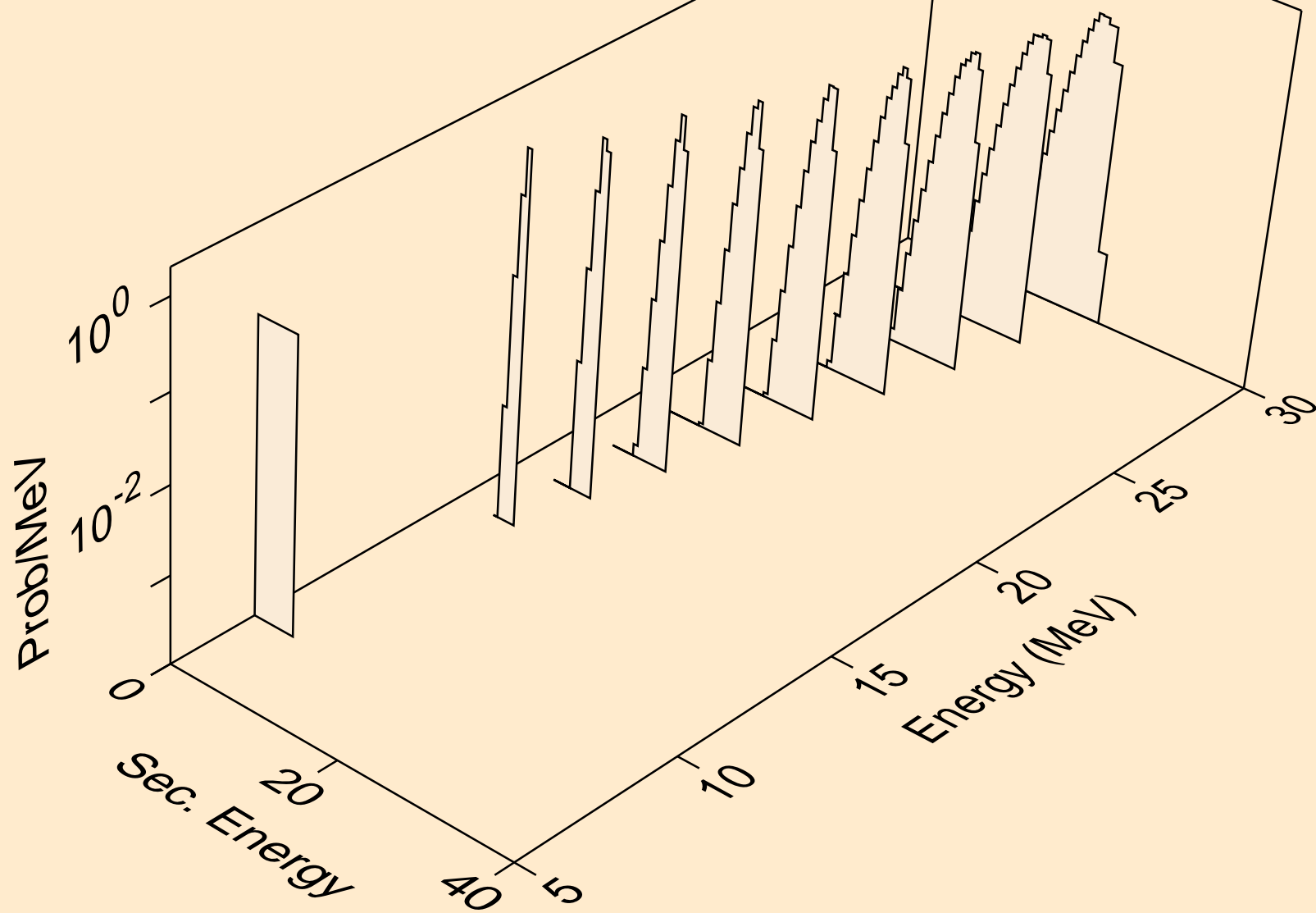
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tritons from (n,pt)



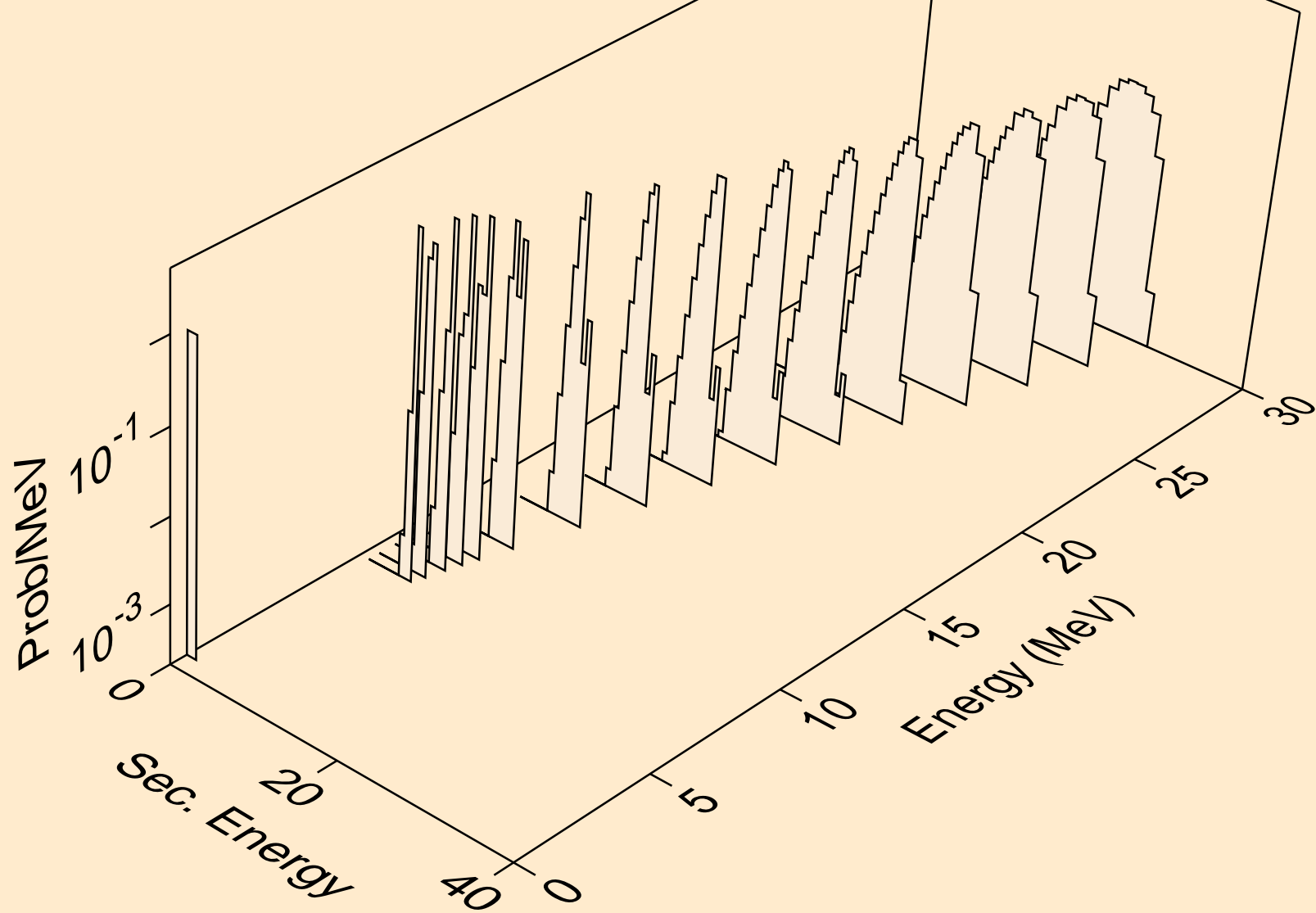
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

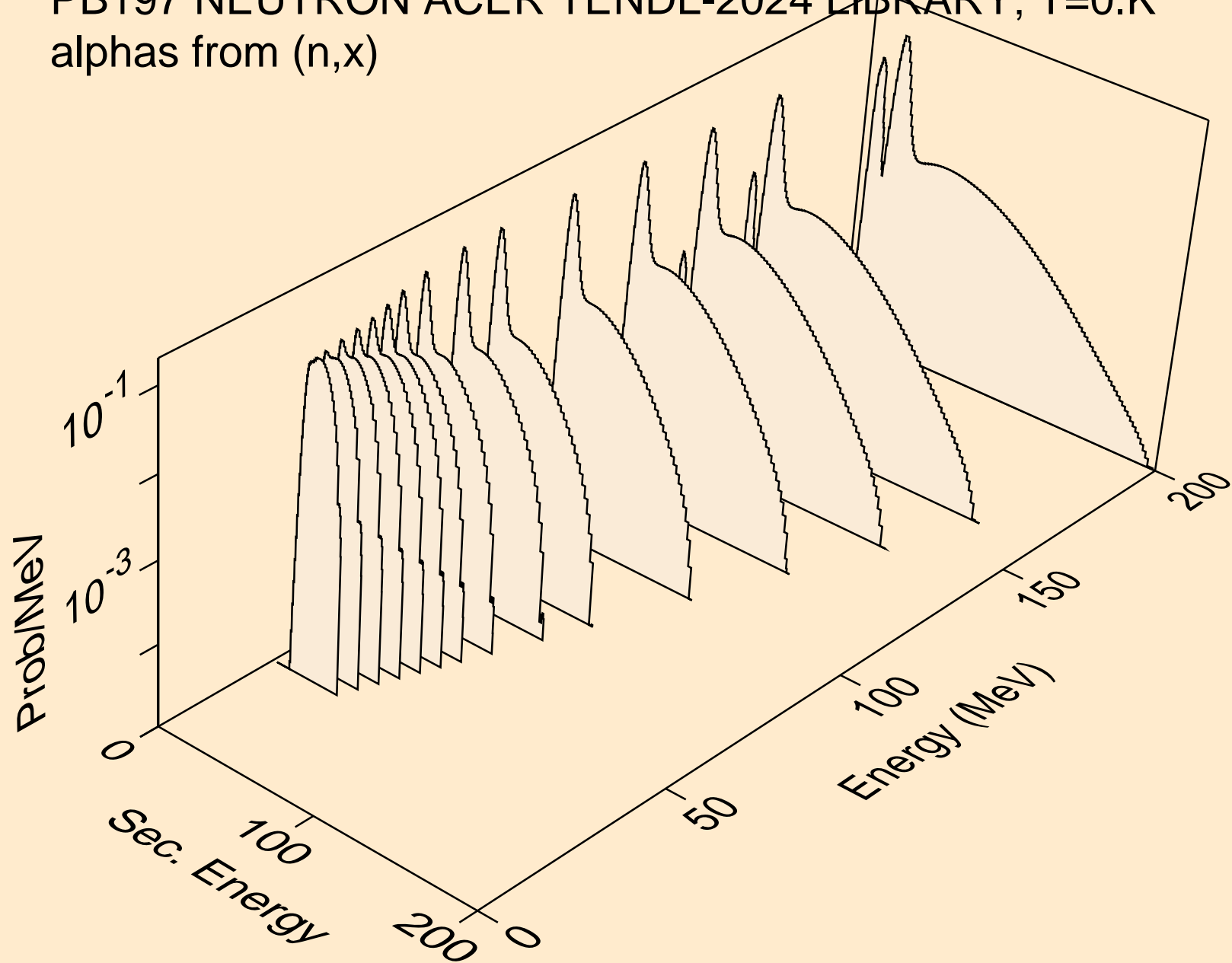


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

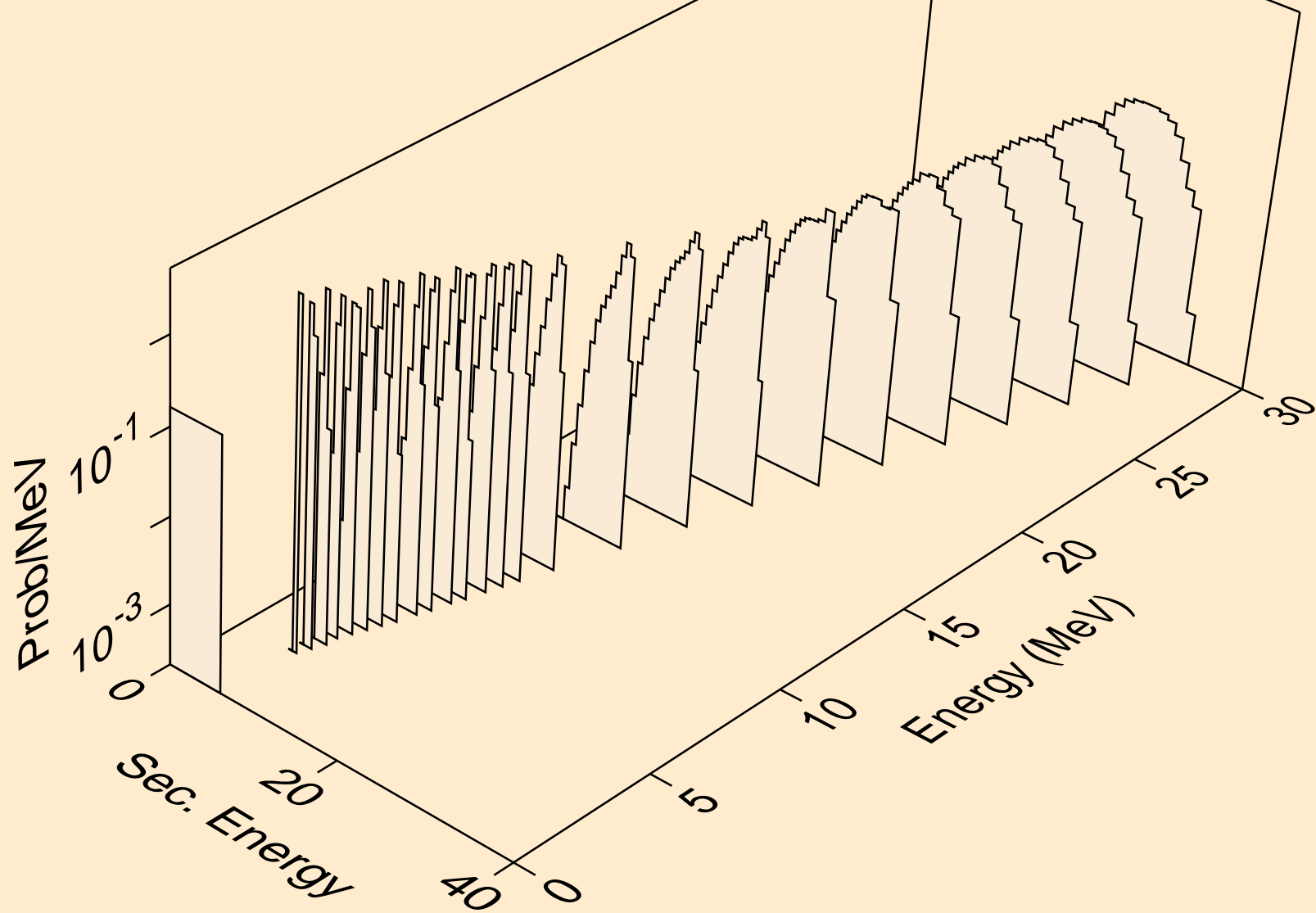




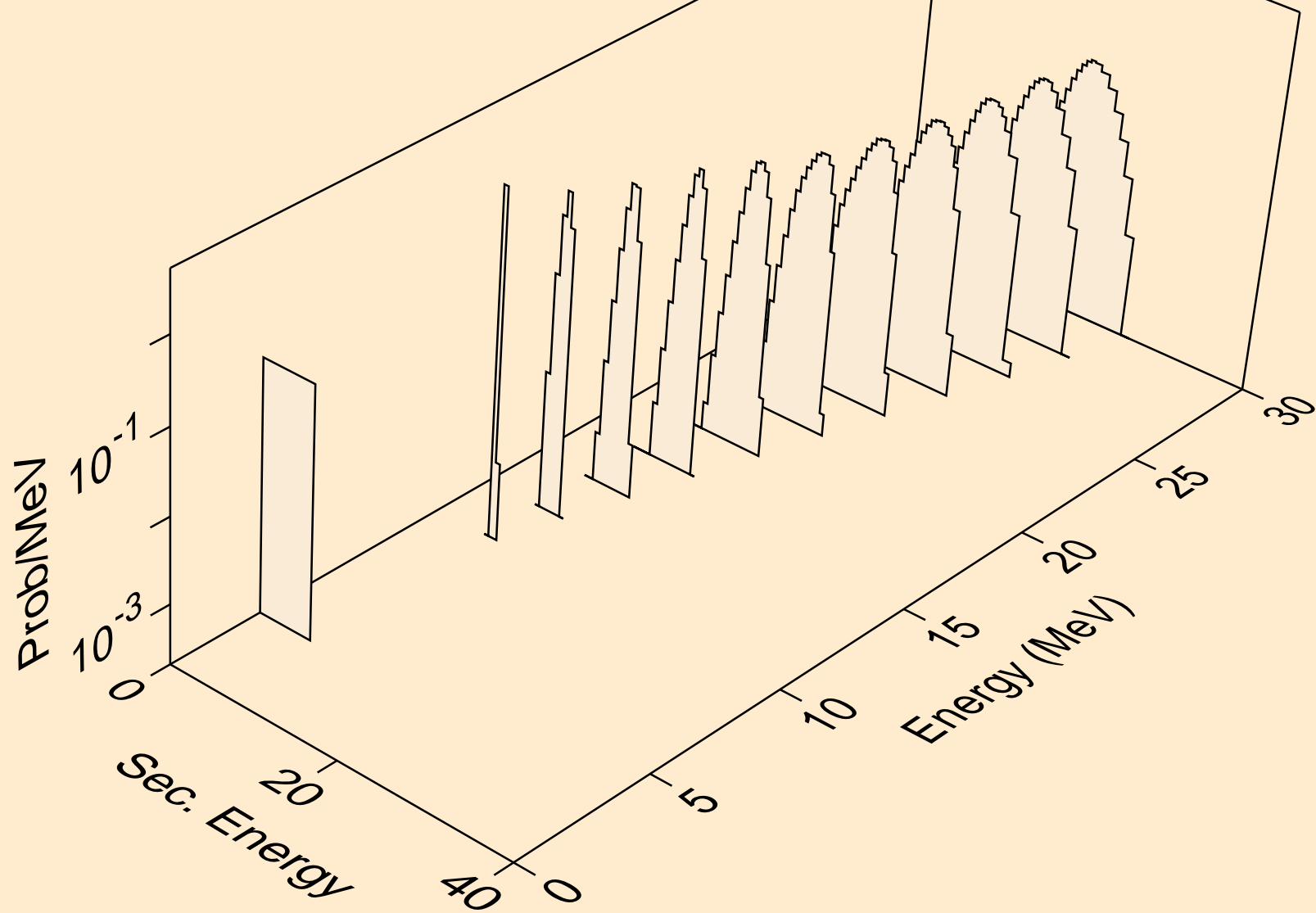
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



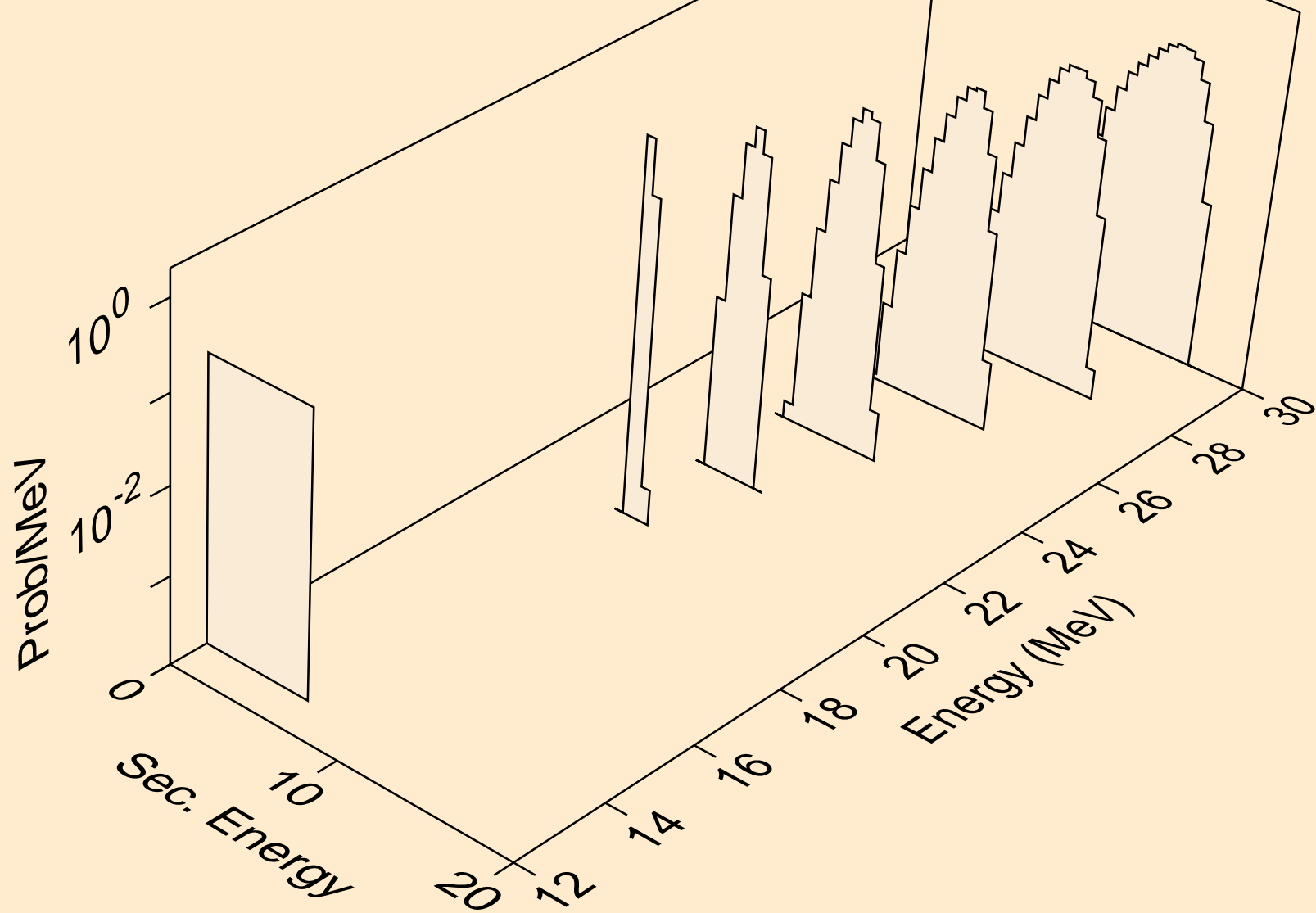
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



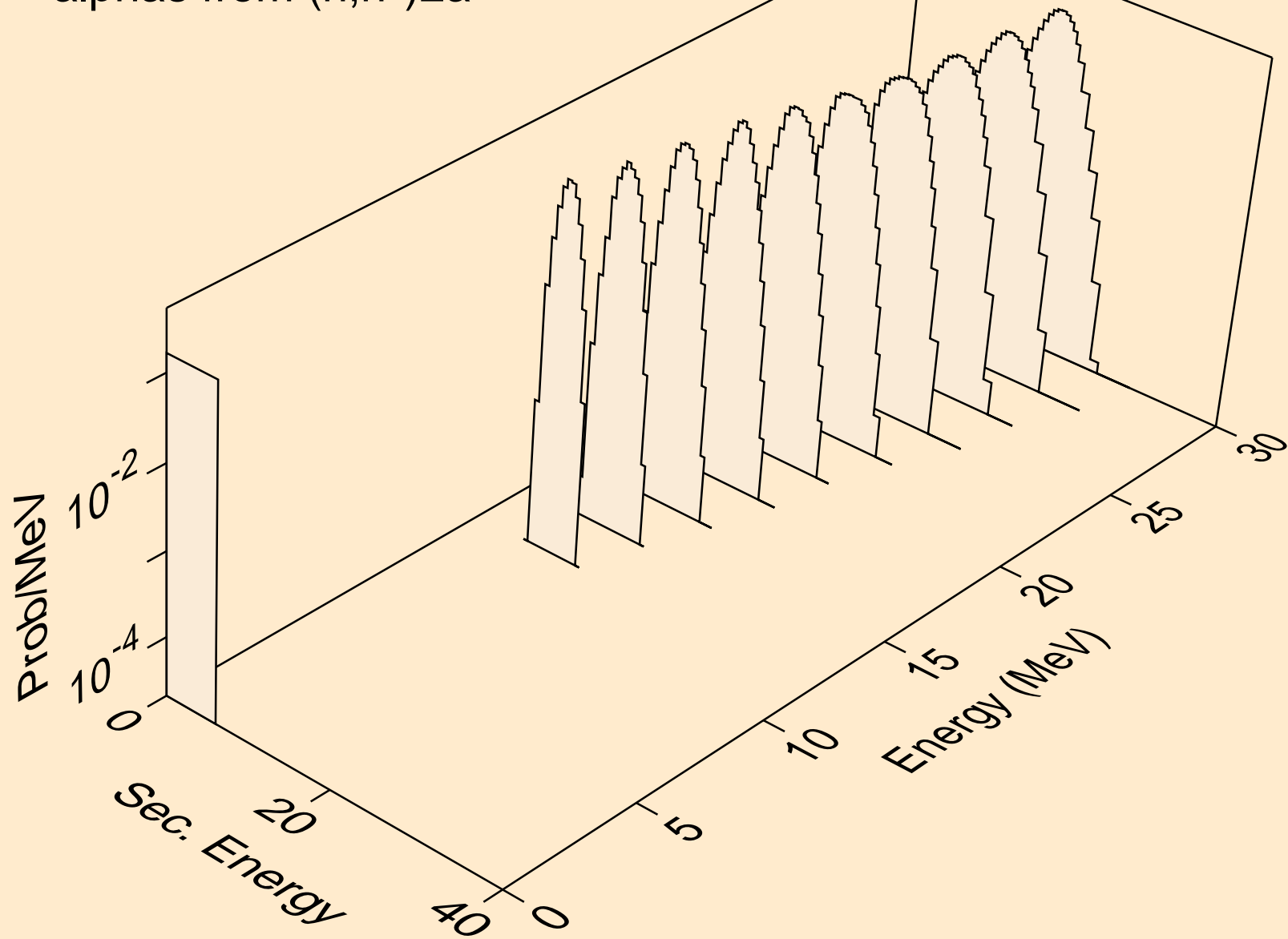
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



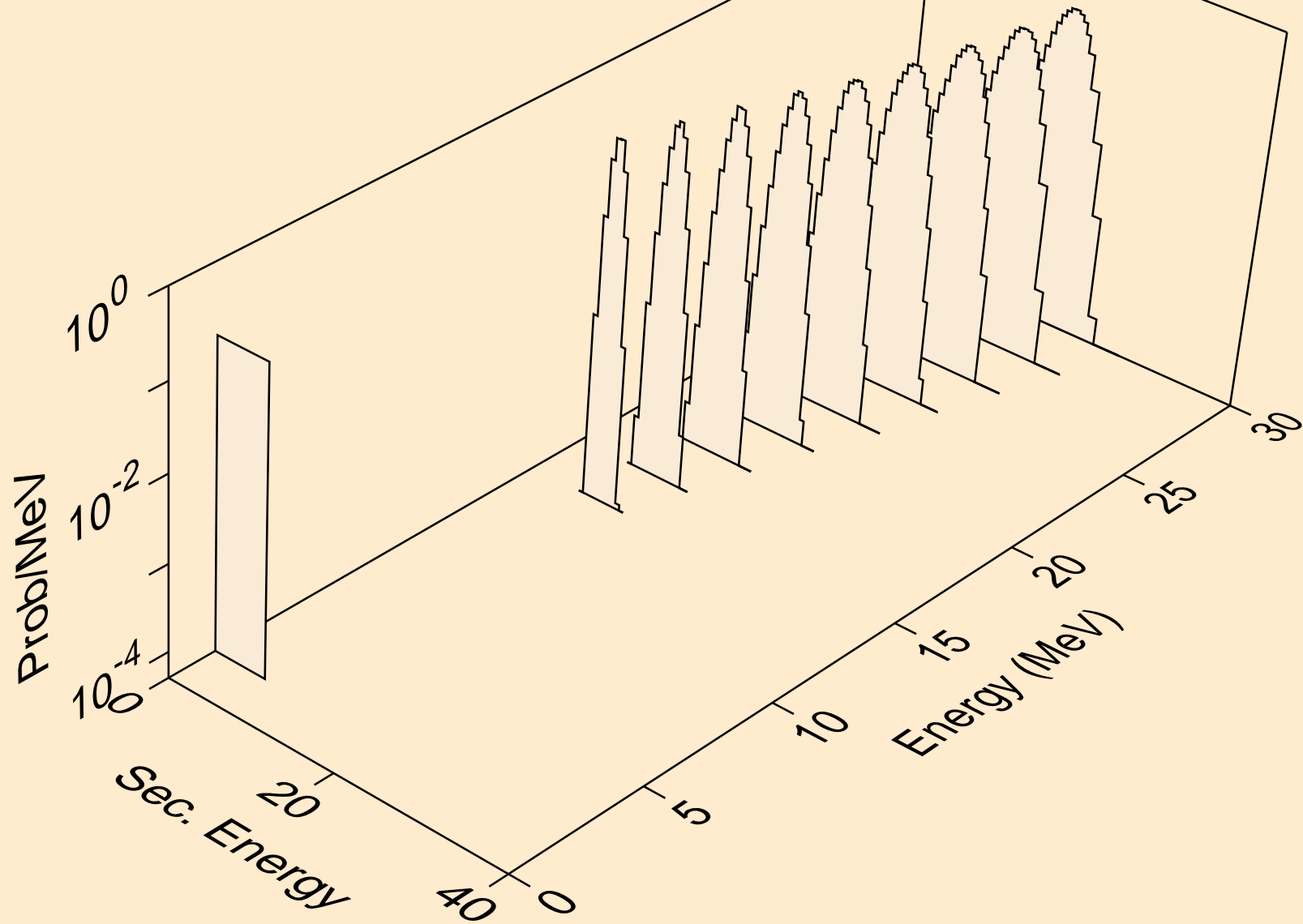
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



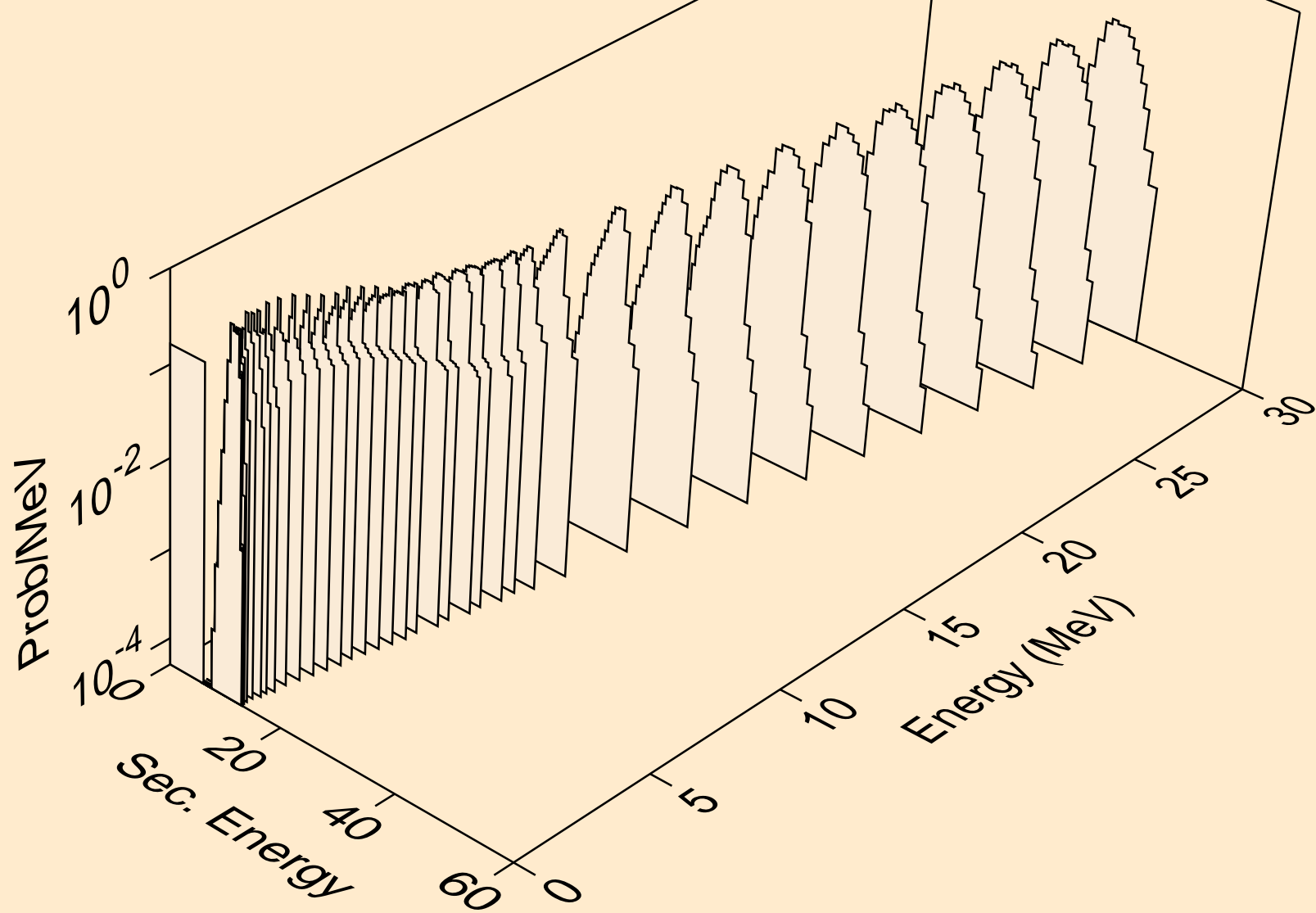
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



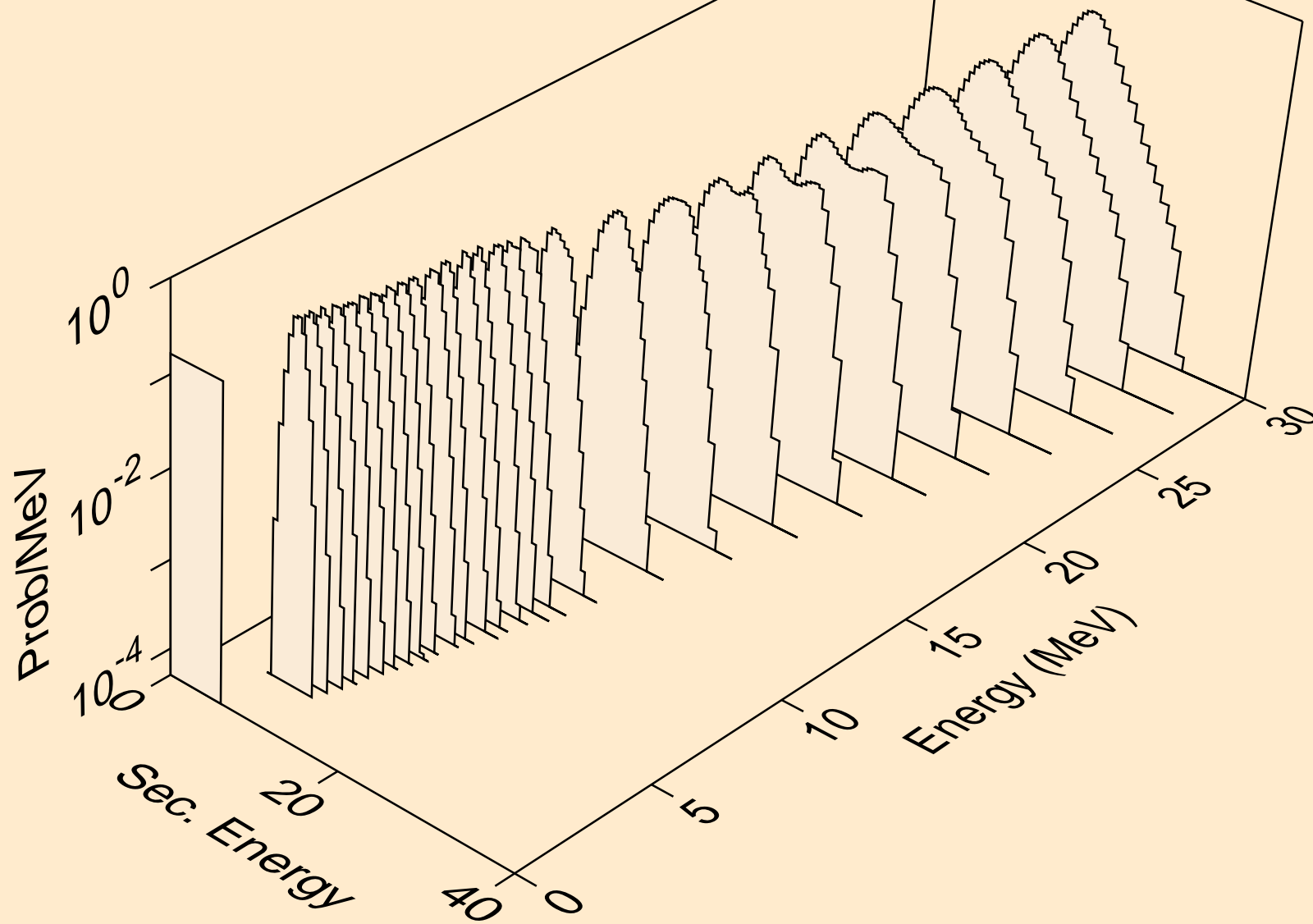
PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

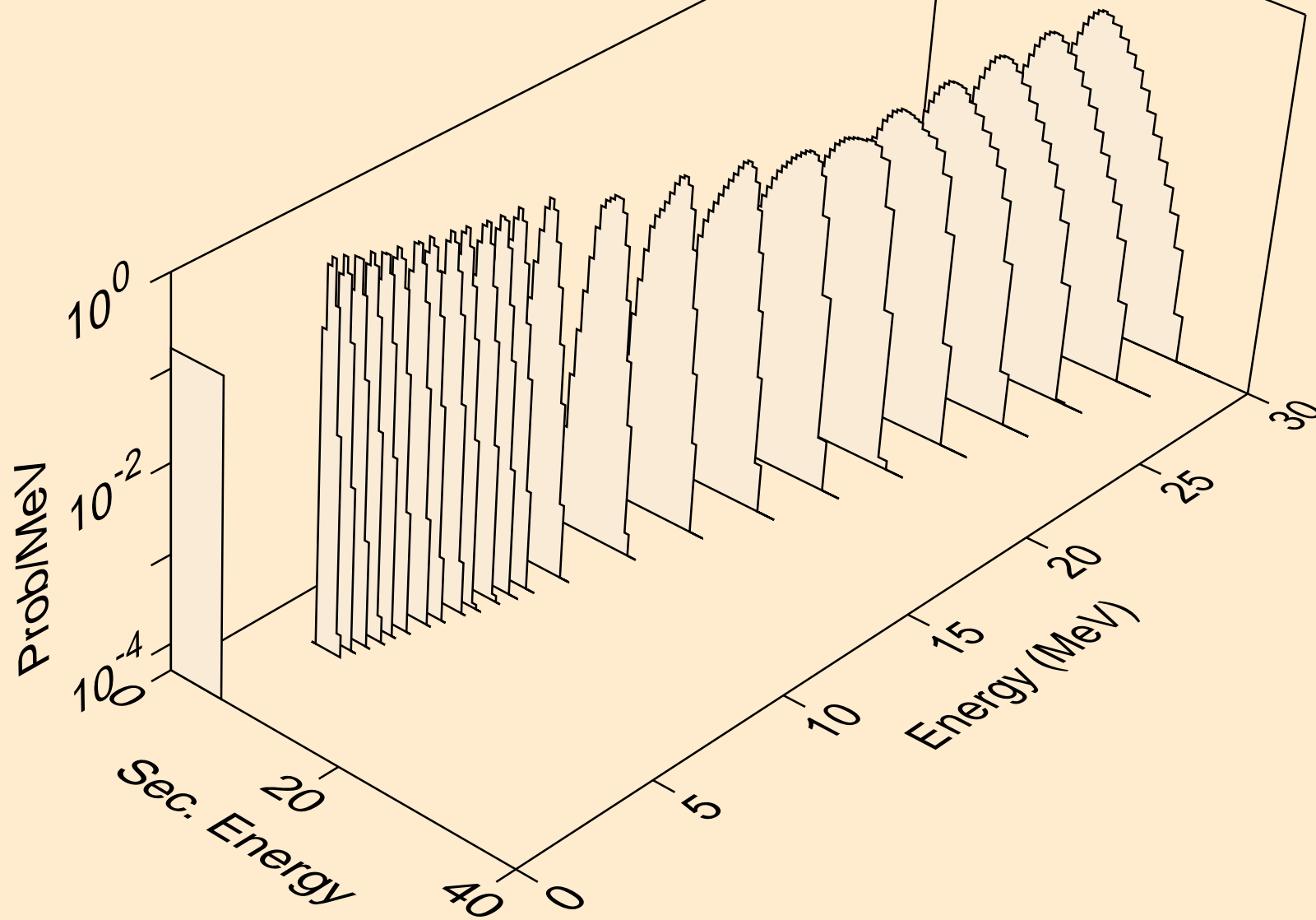


PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)





PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



PB197 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

