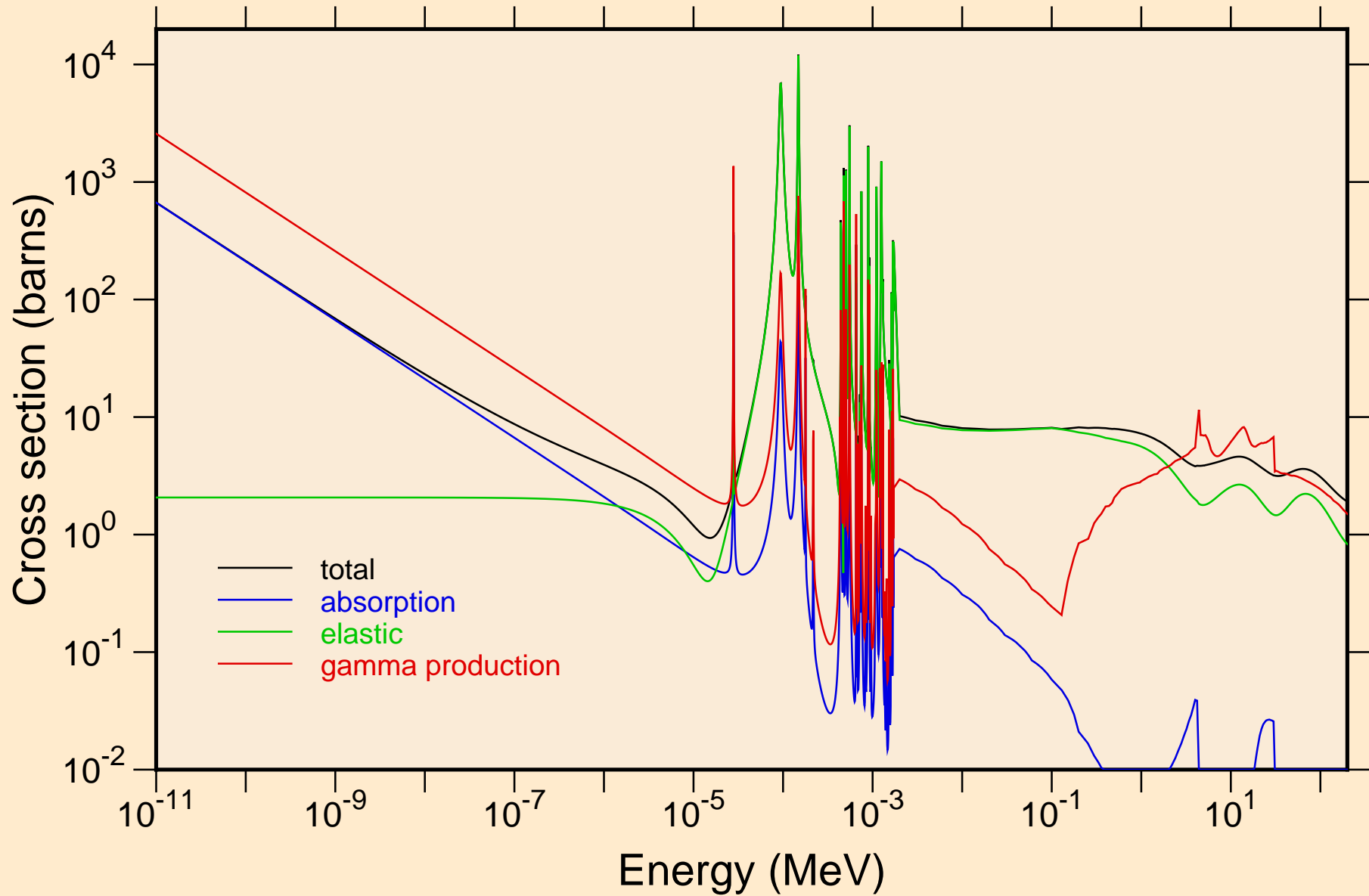
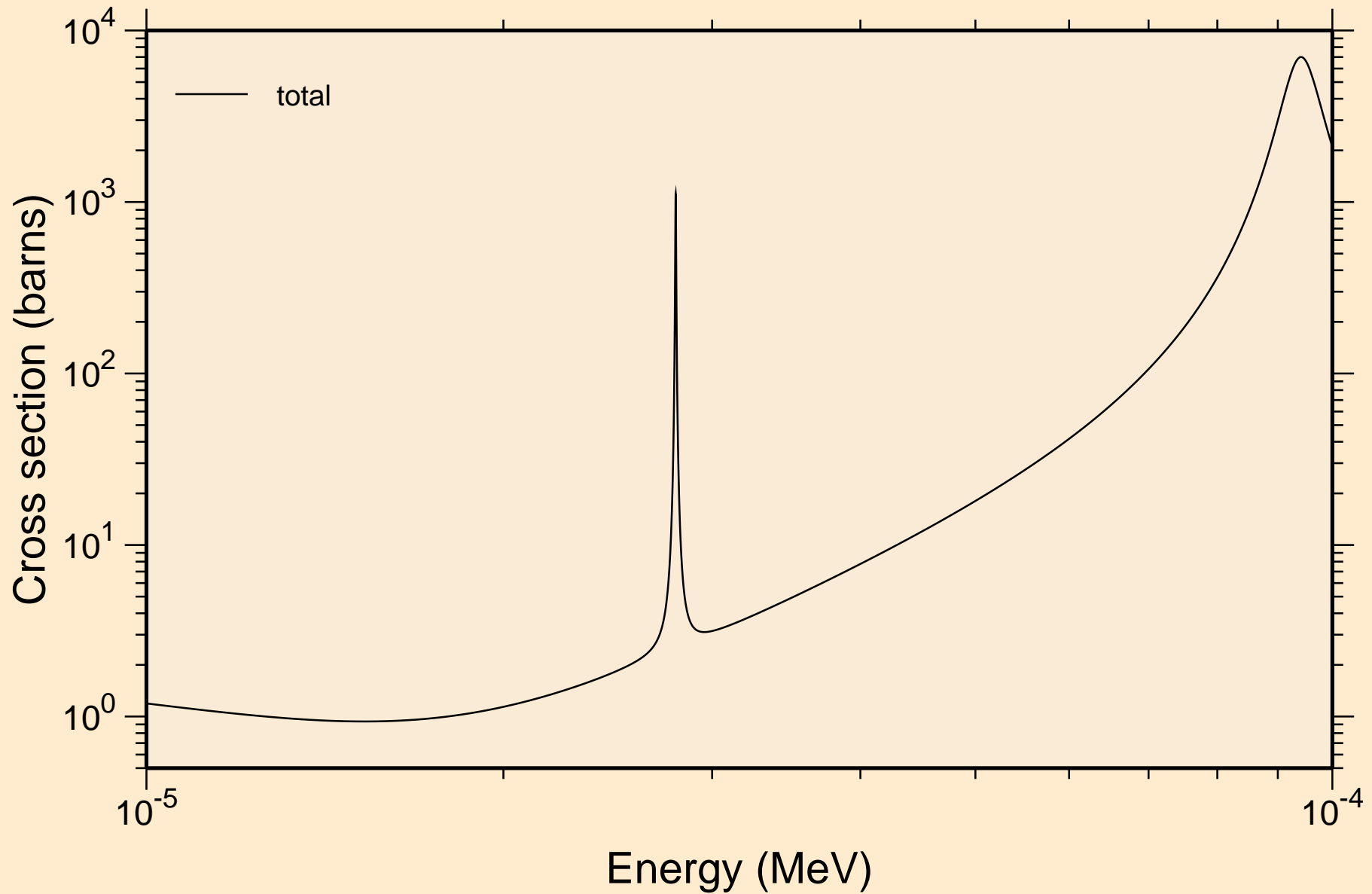


# PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

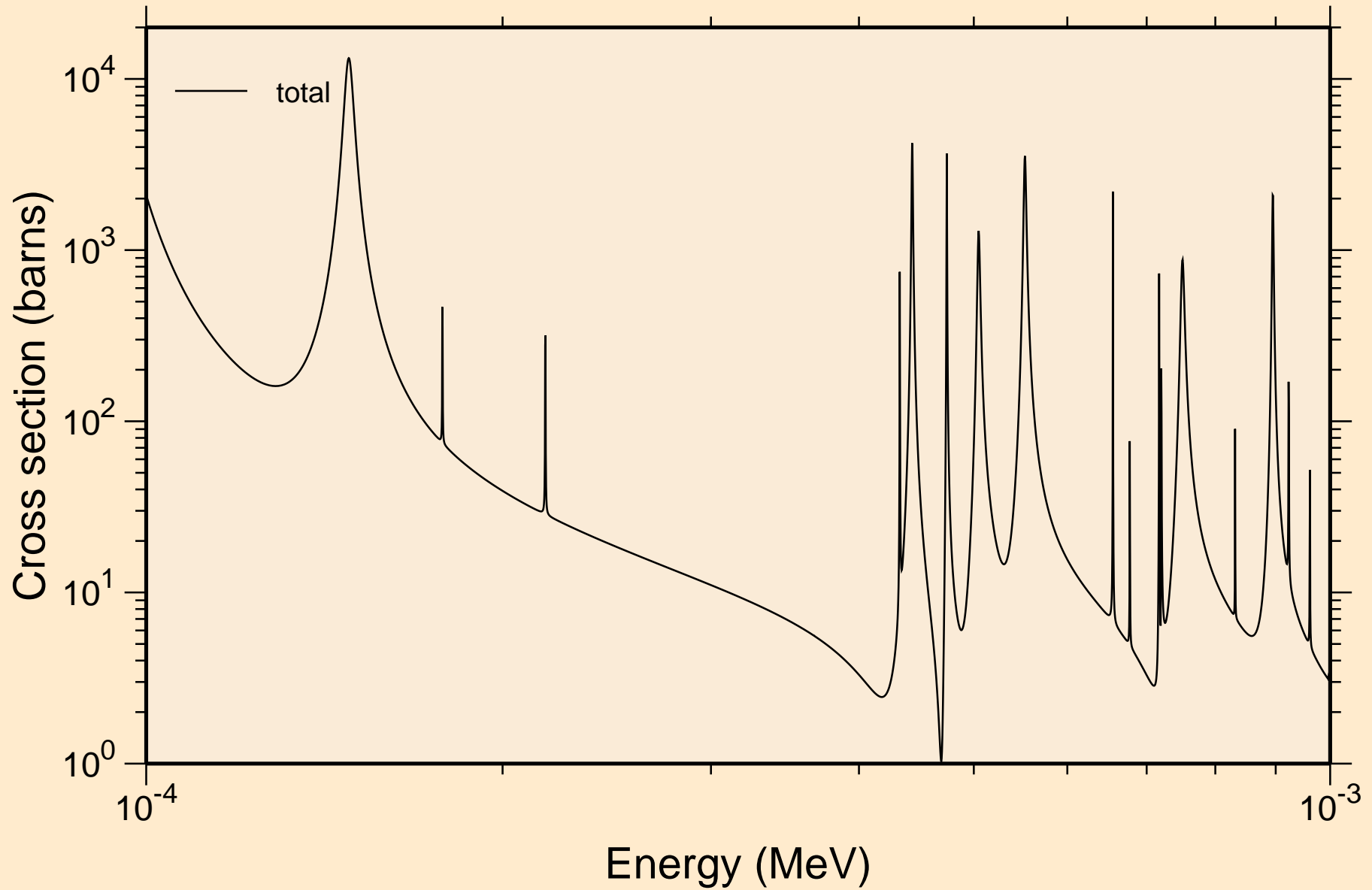
## Principal cross sections



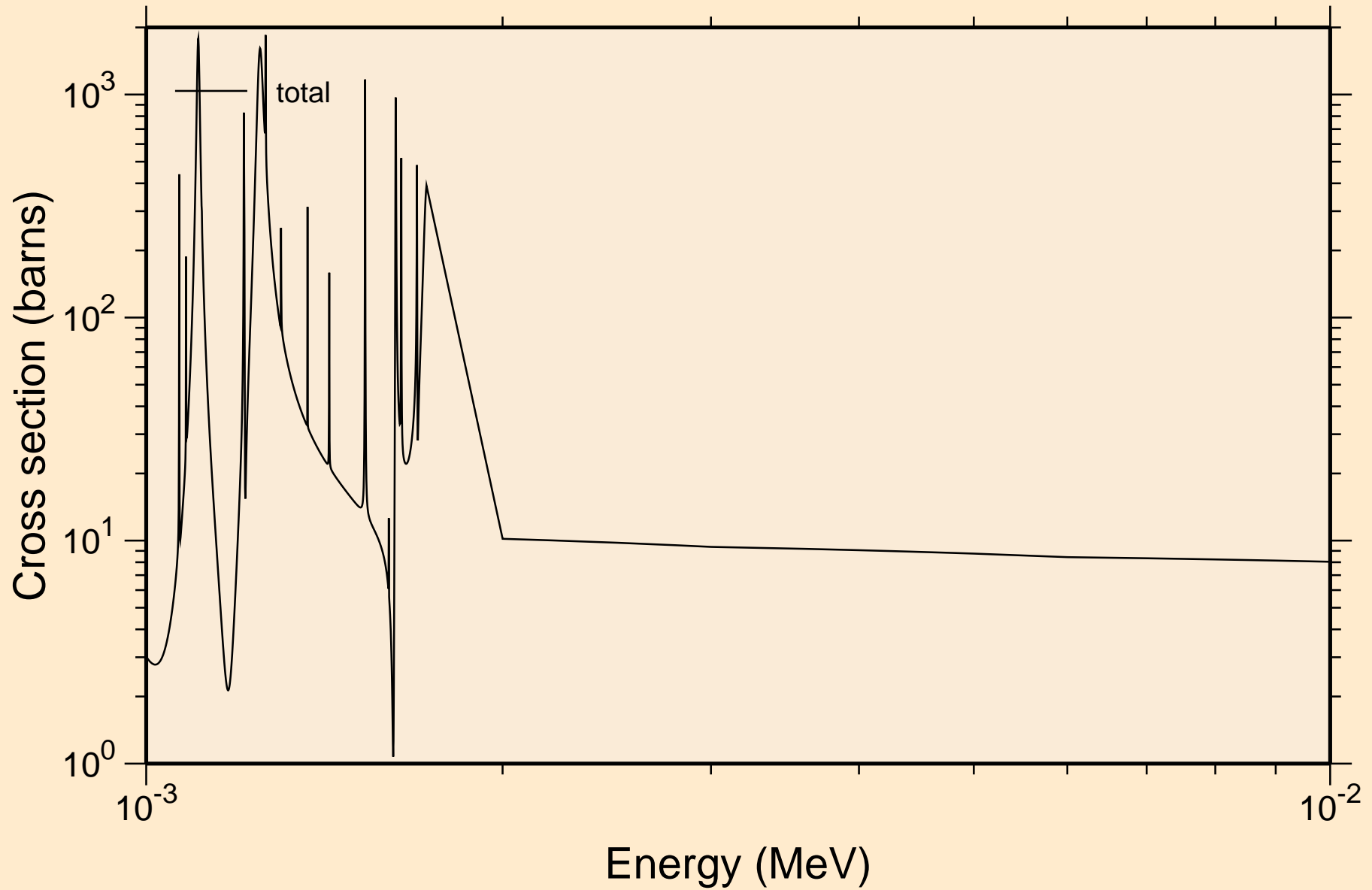
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



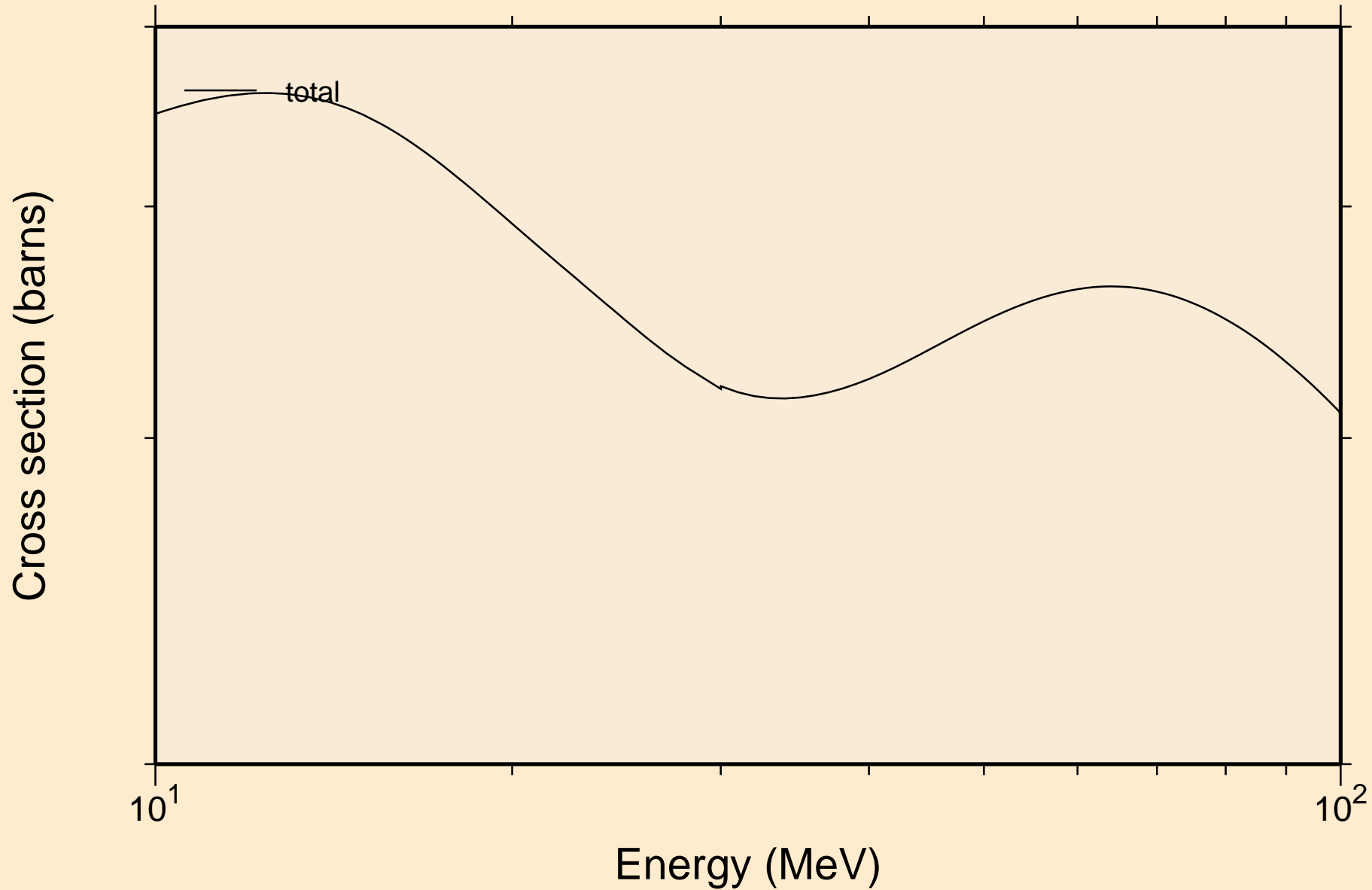
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



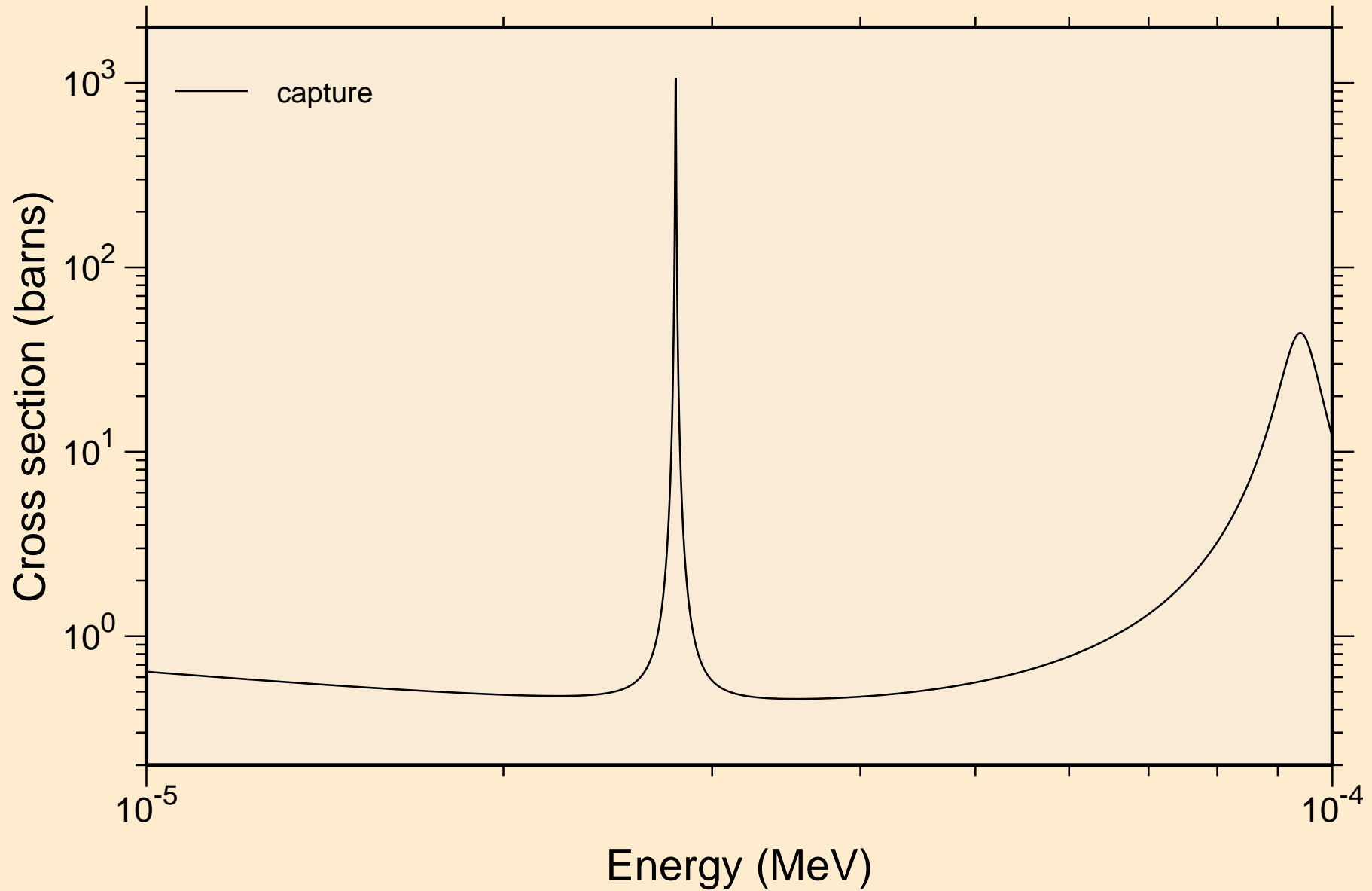
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



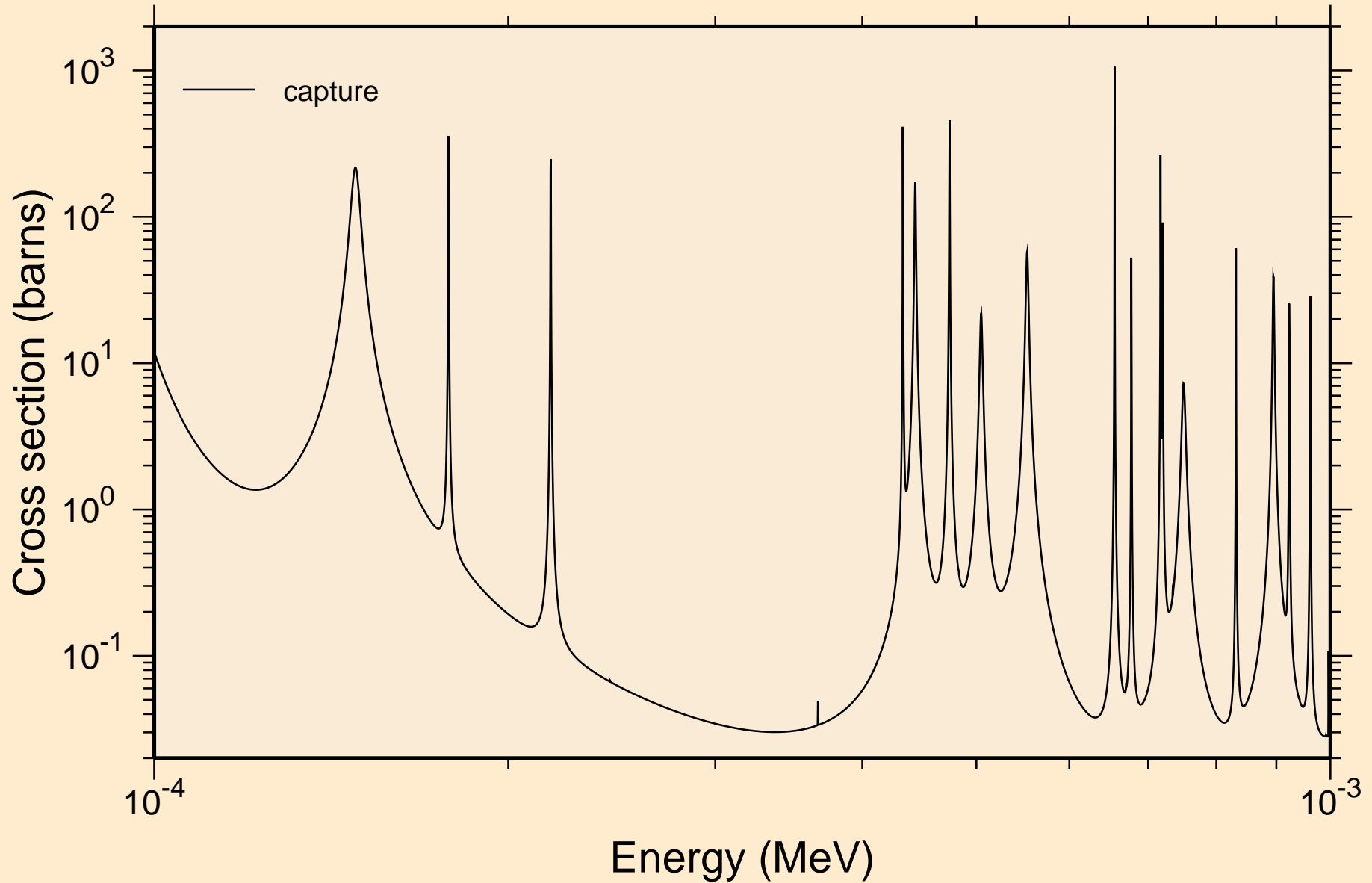
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



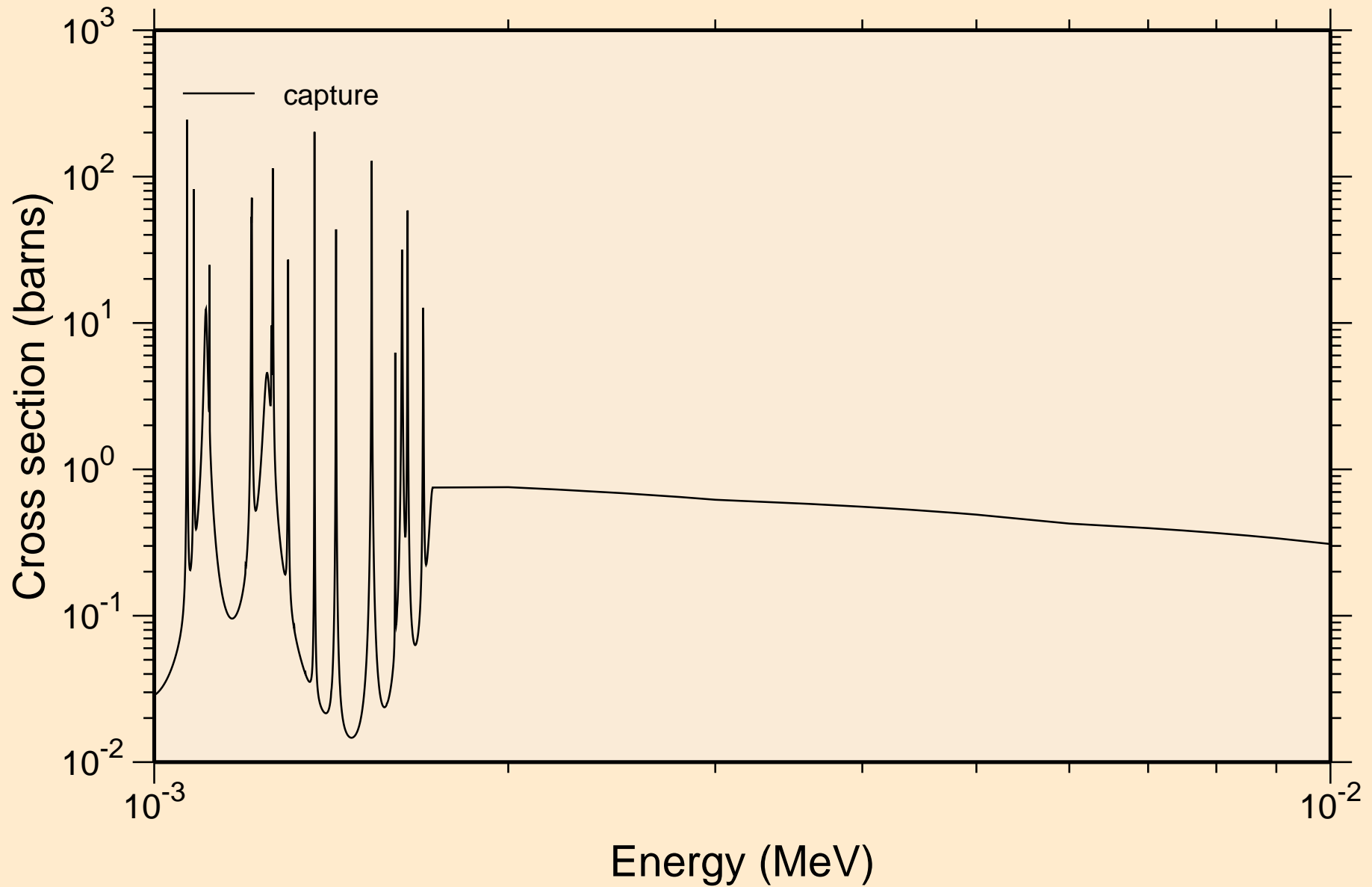
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

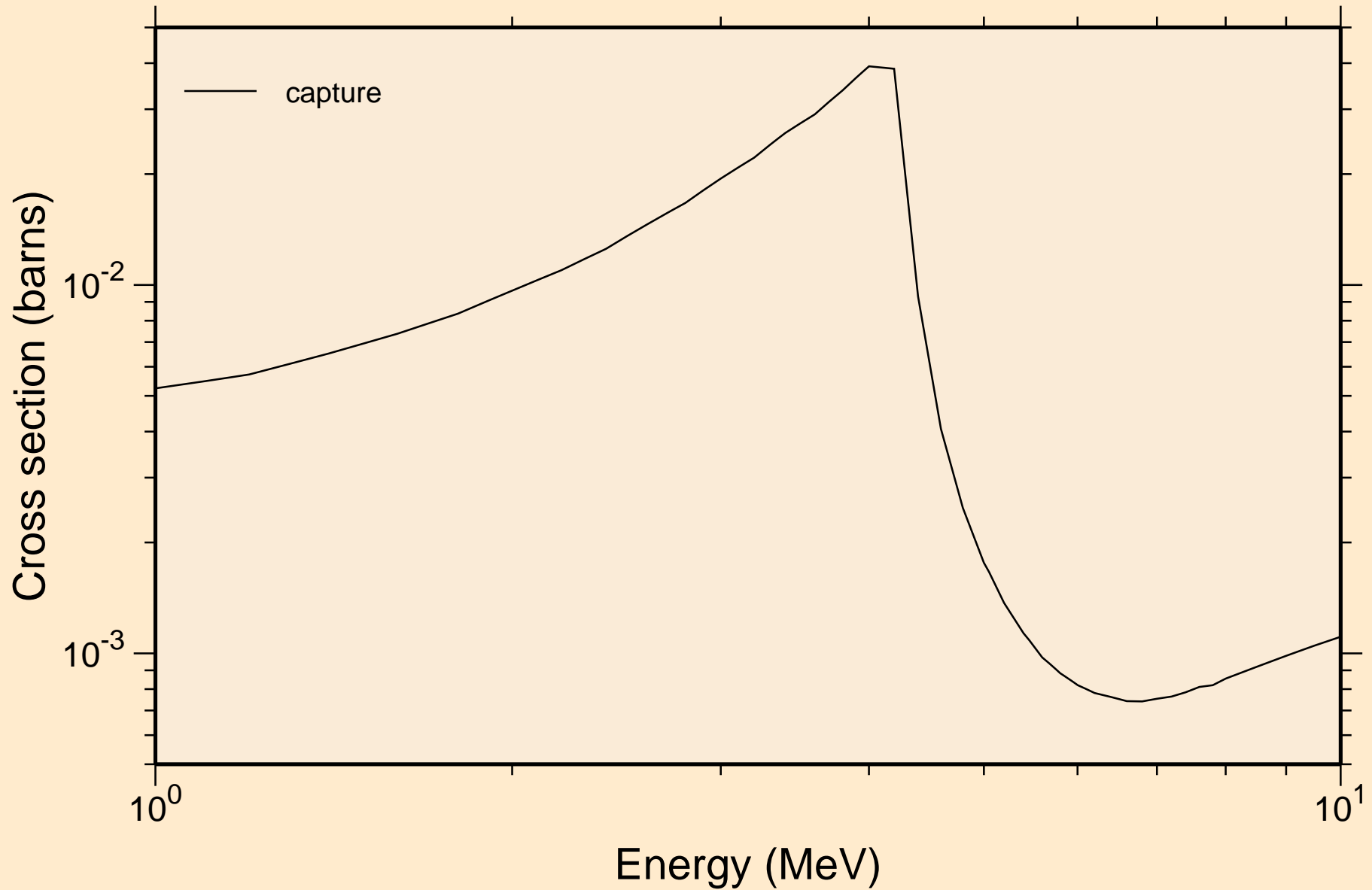


PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

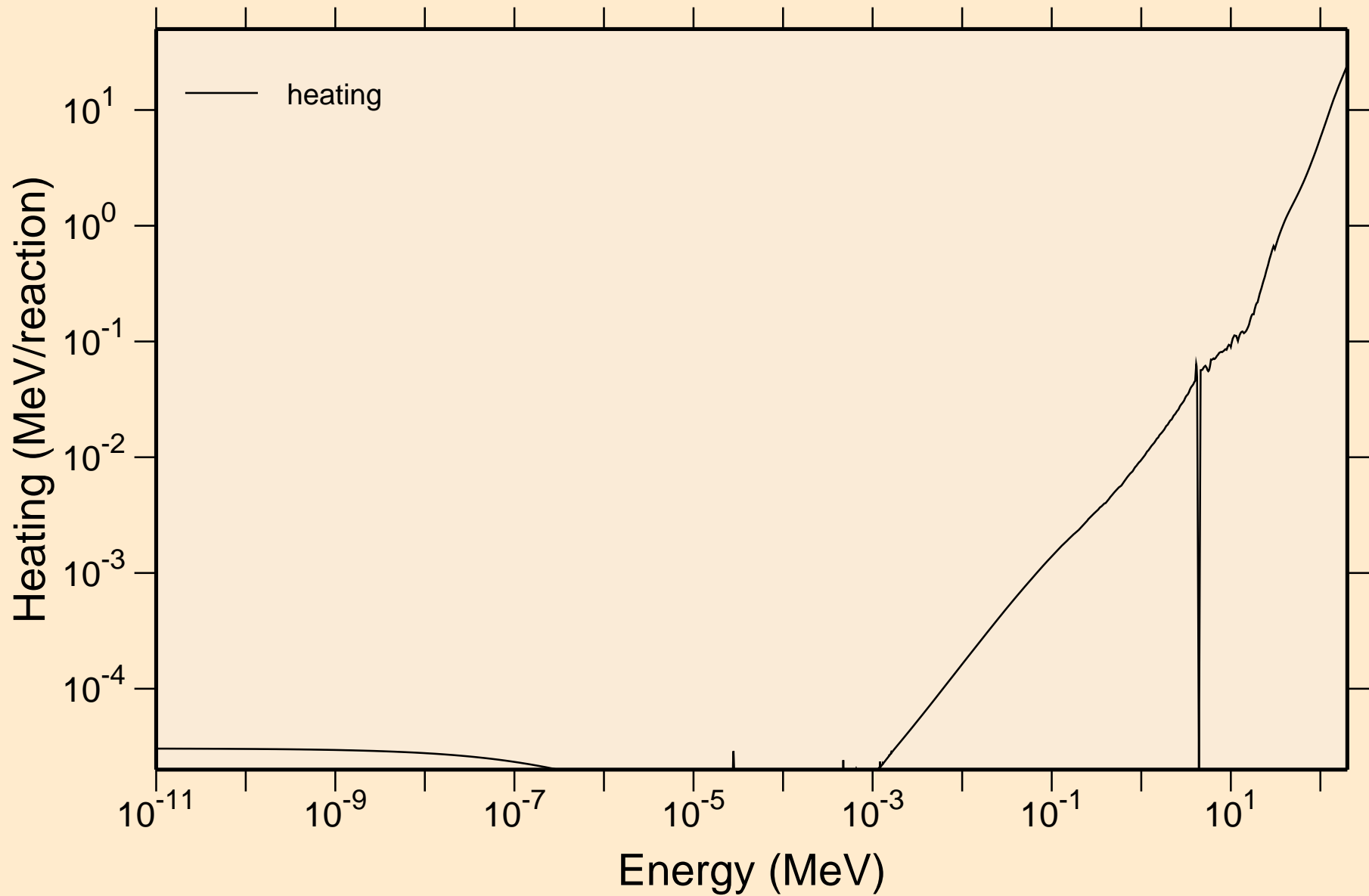




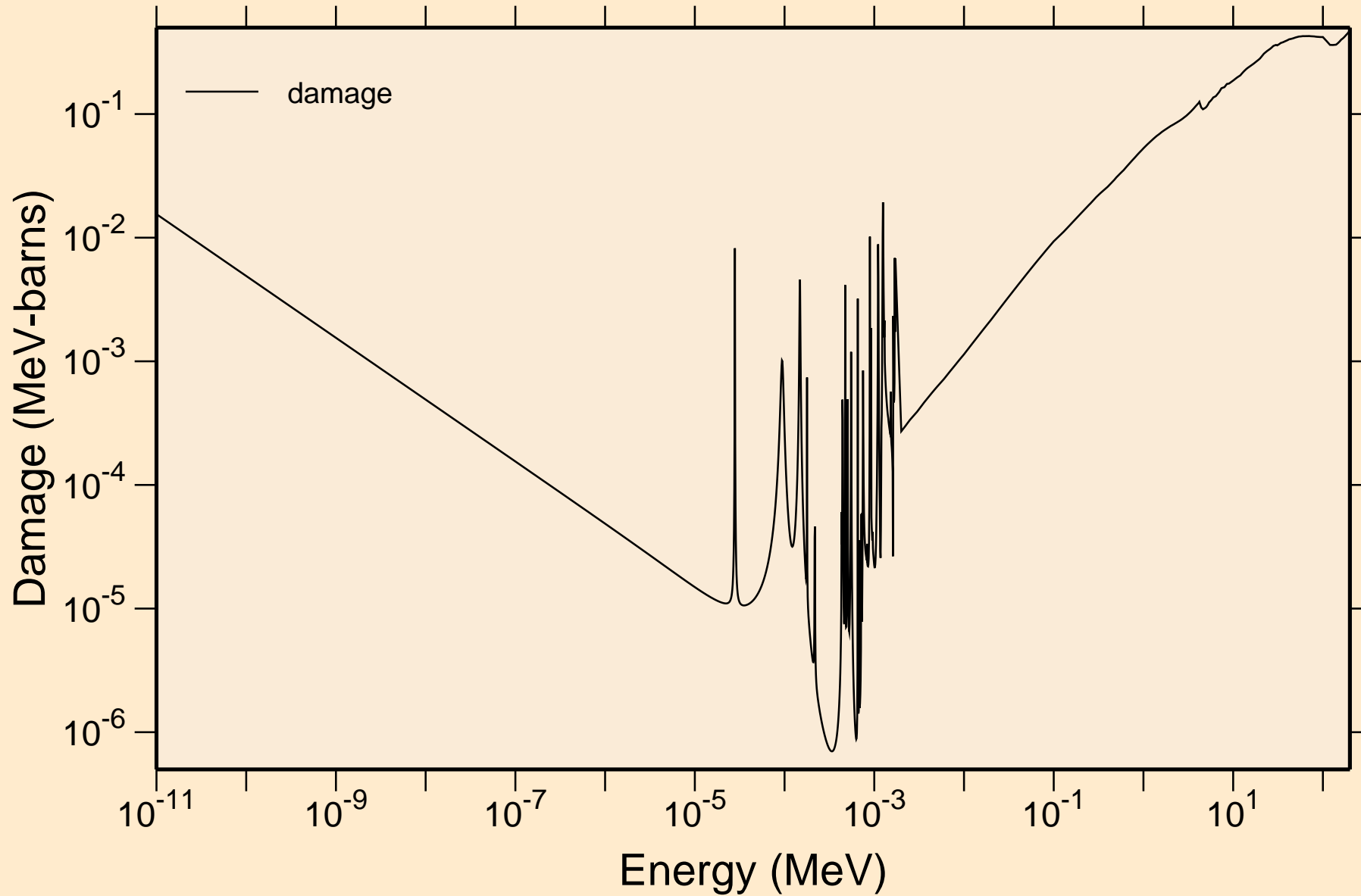
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



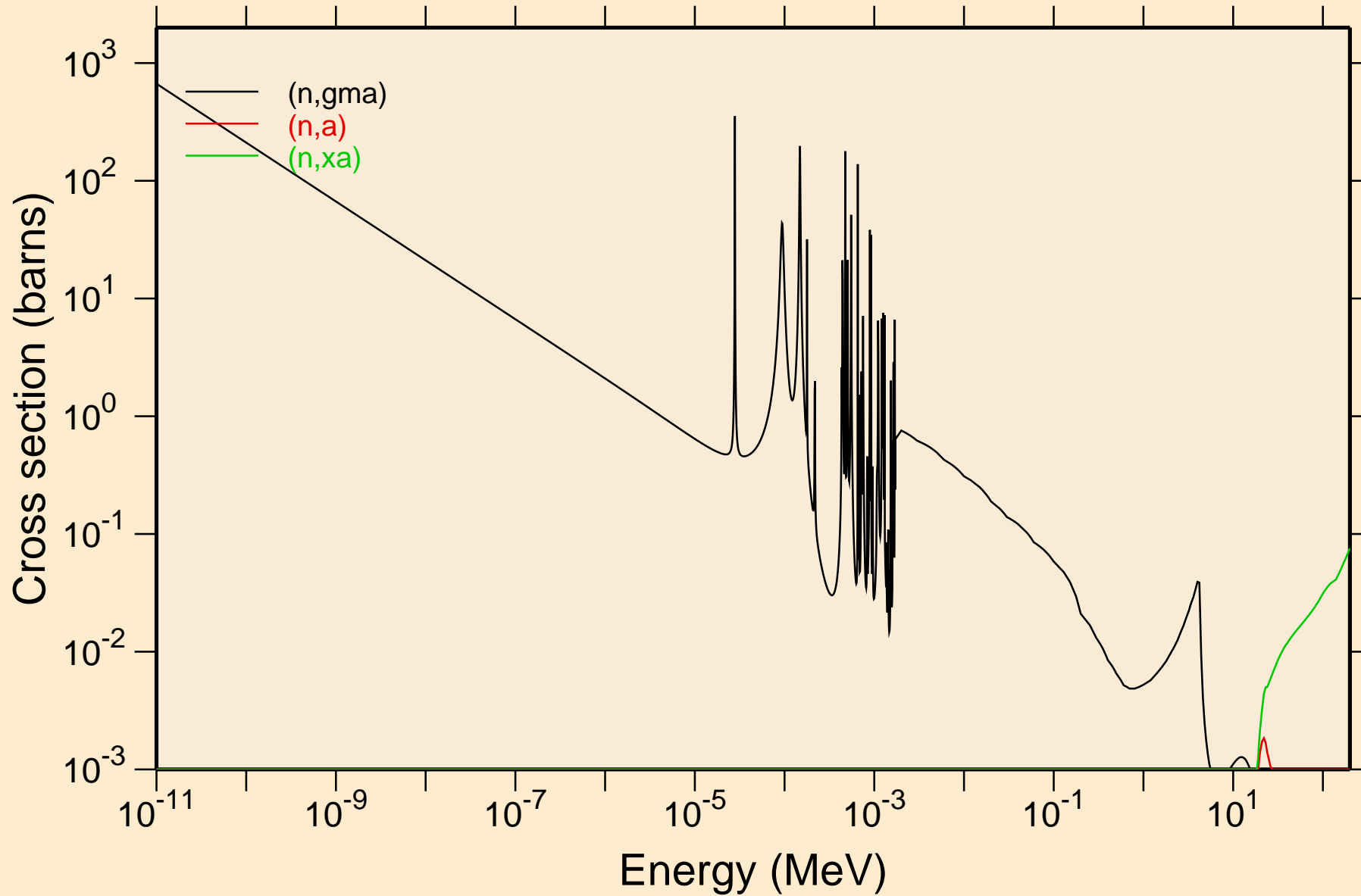
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

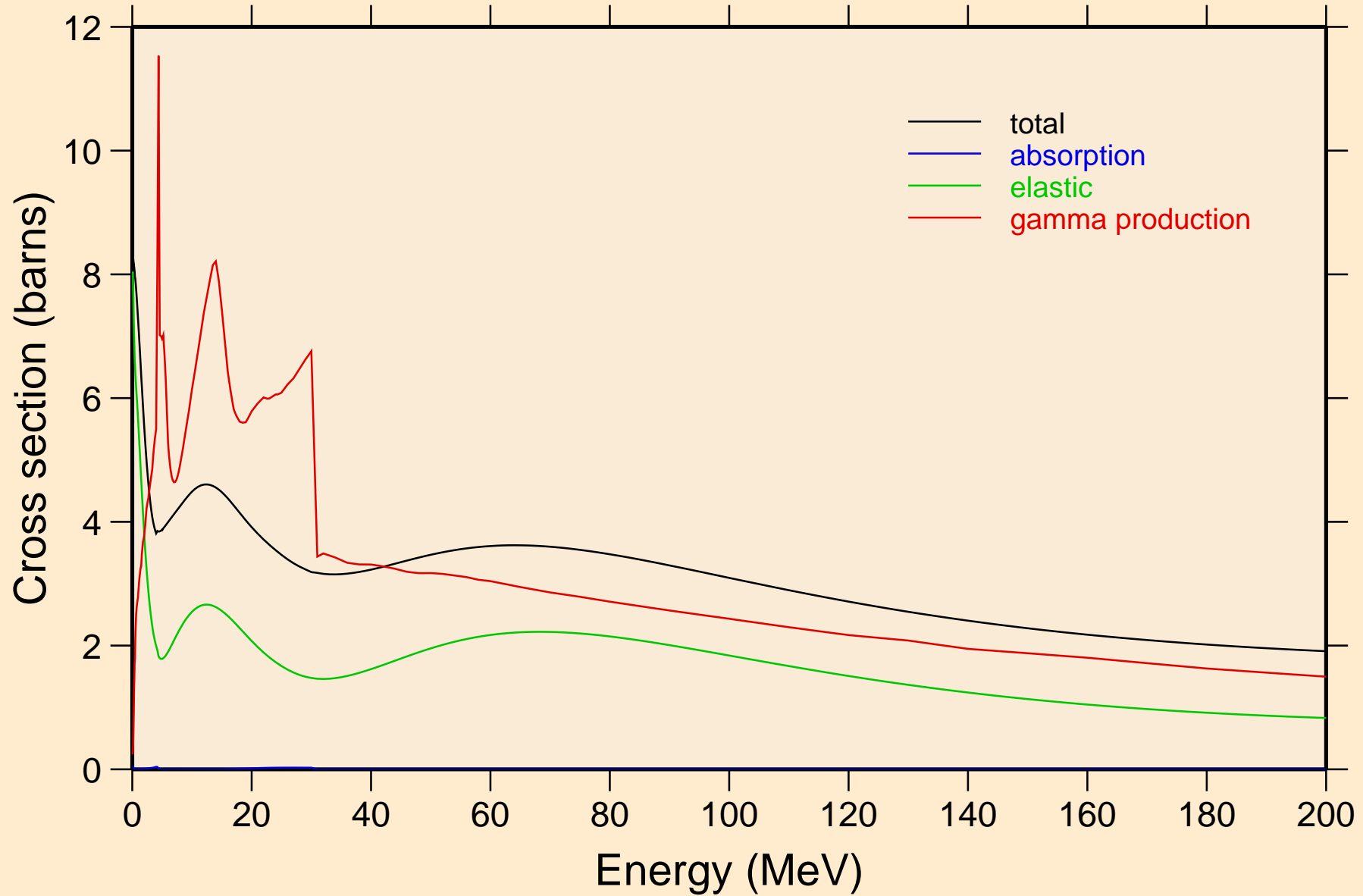


PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



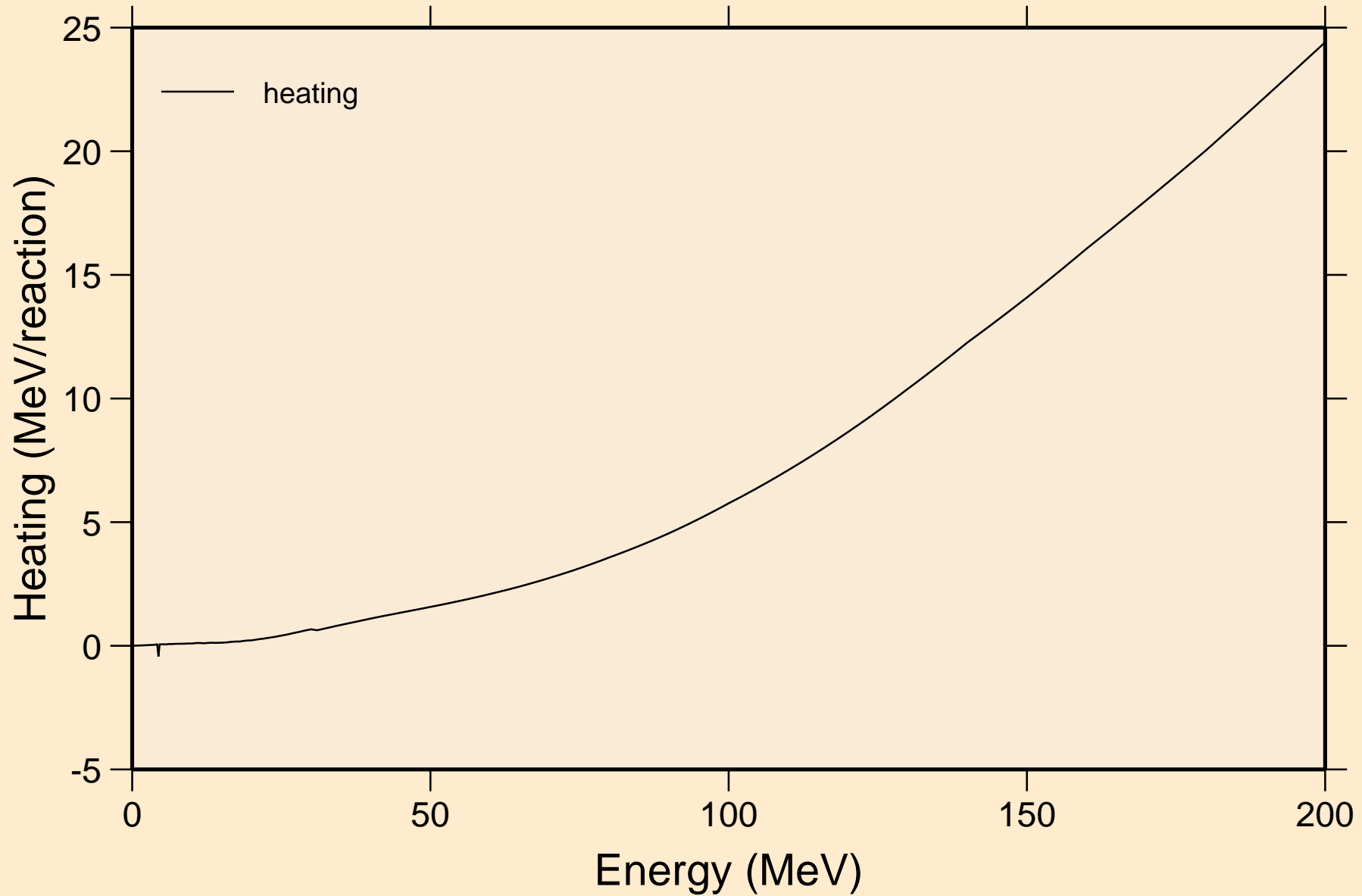
# PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

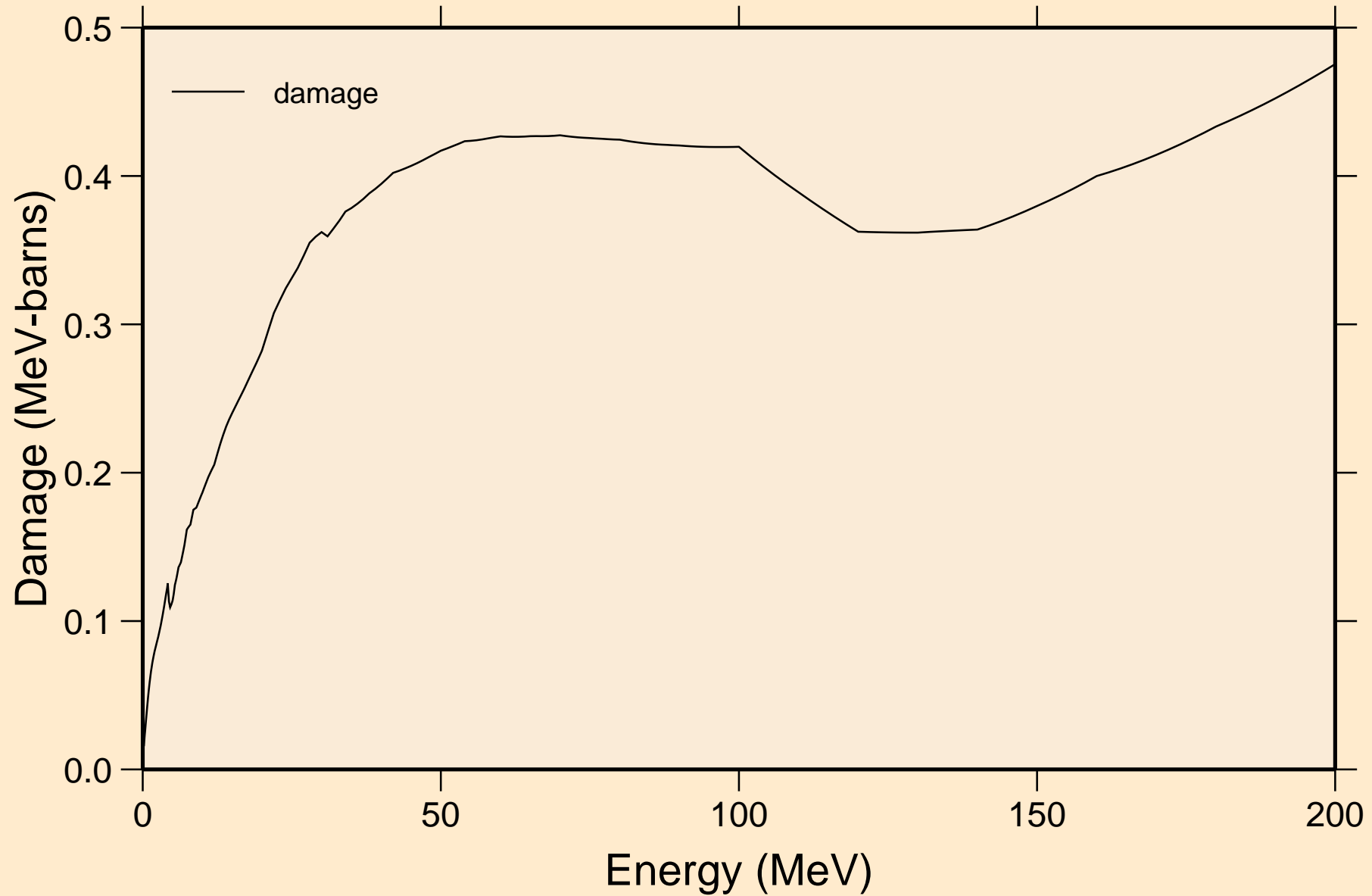


# PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

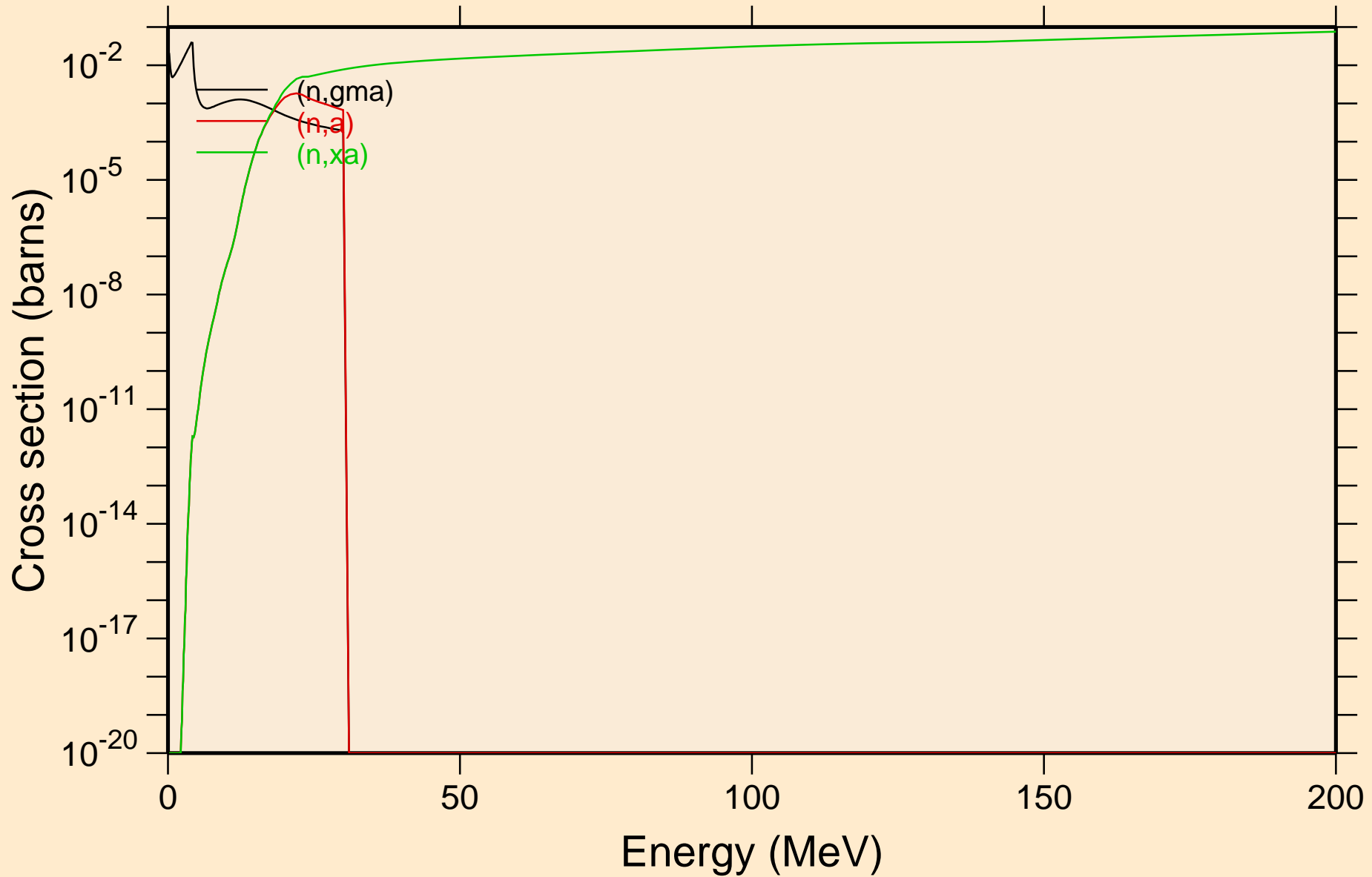
## Heating



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

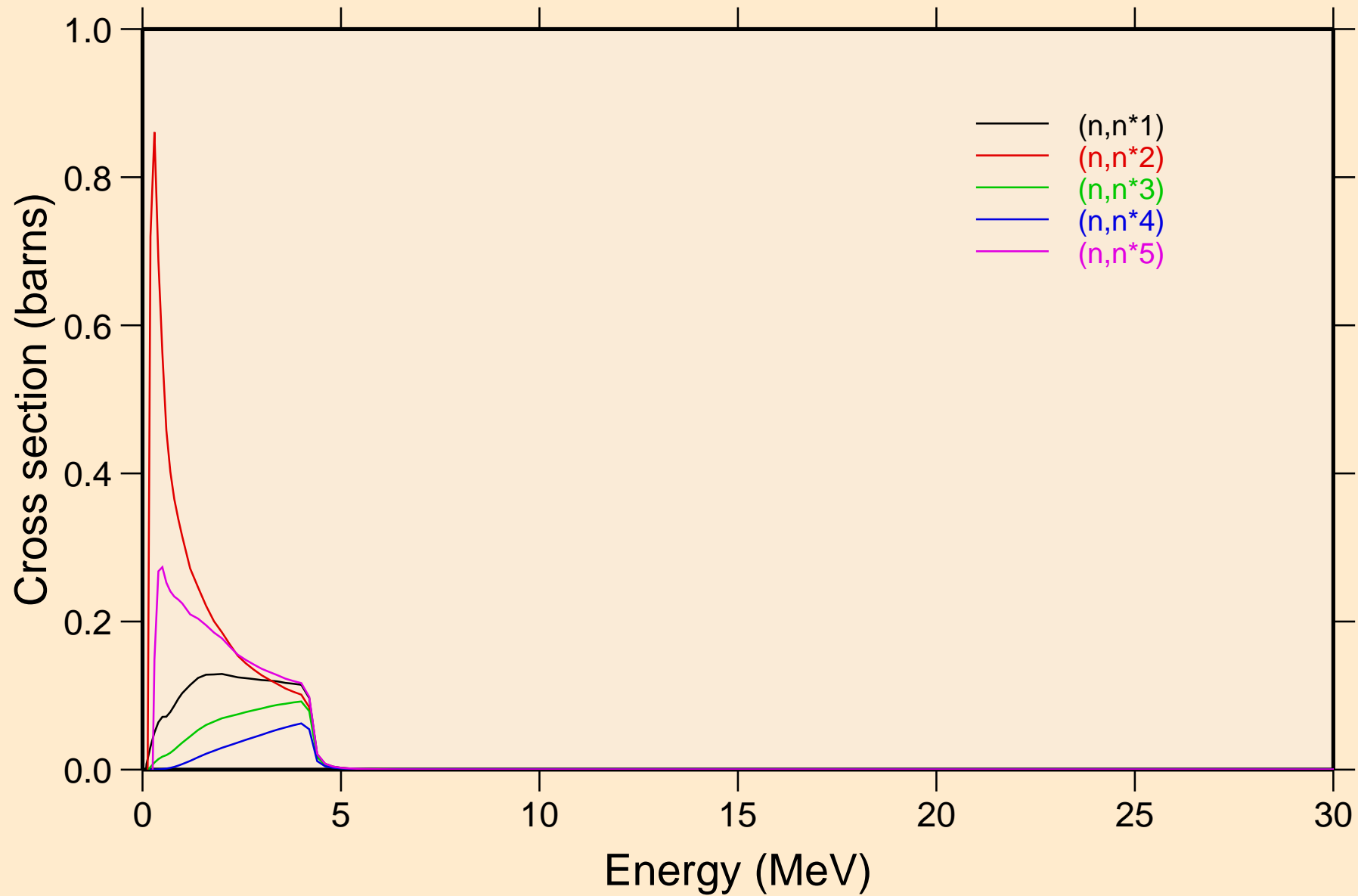


PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

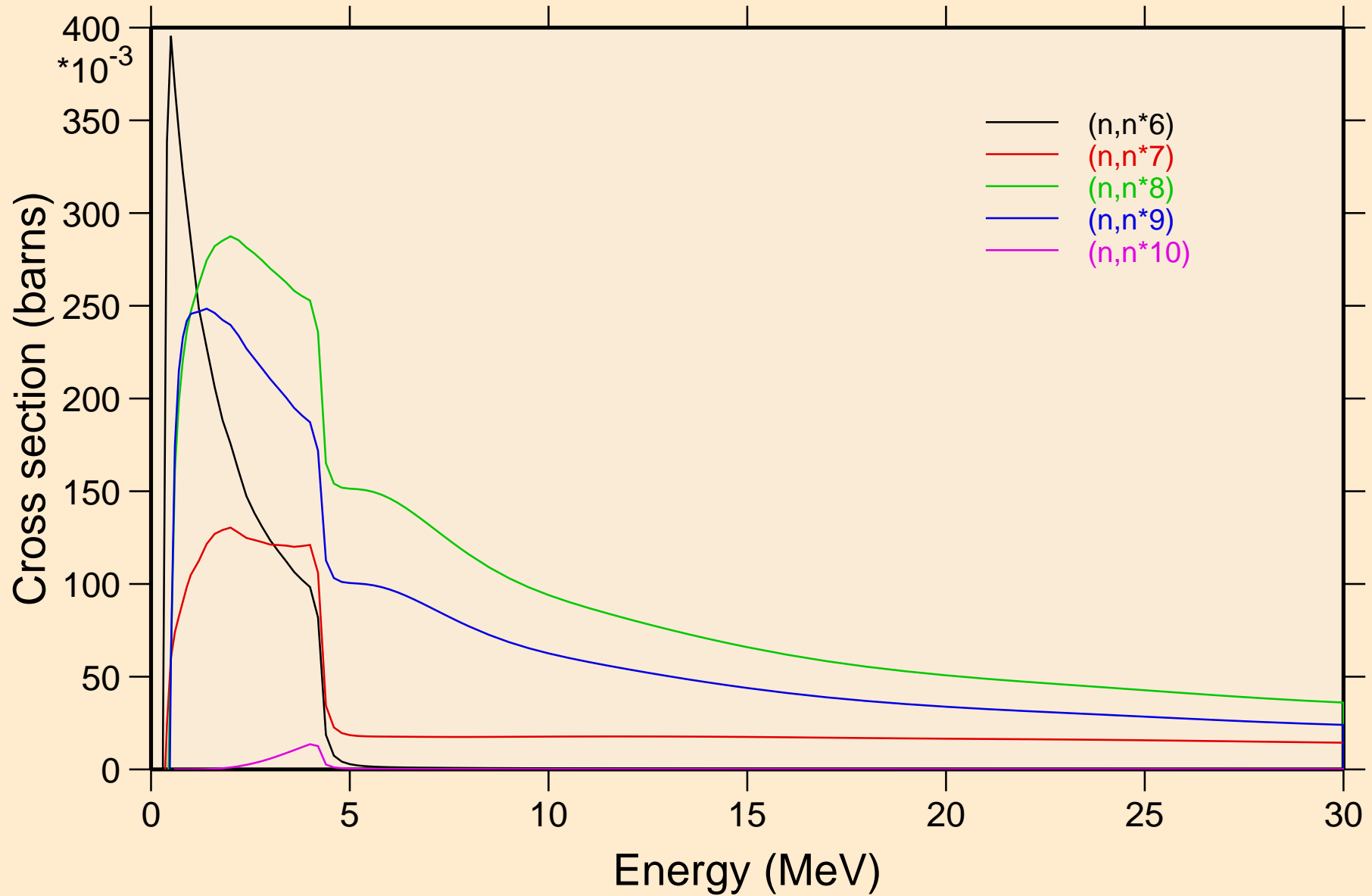




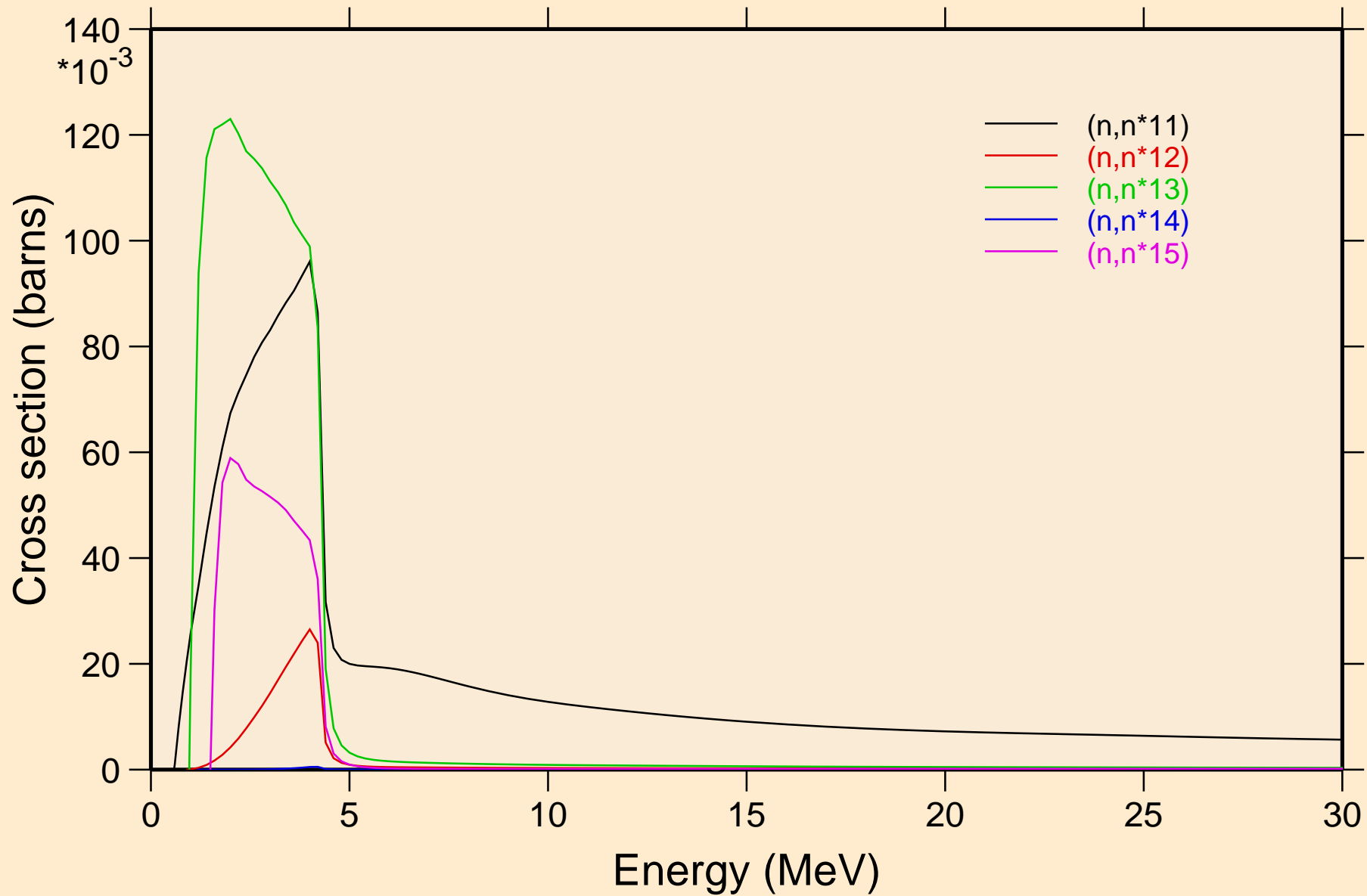
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



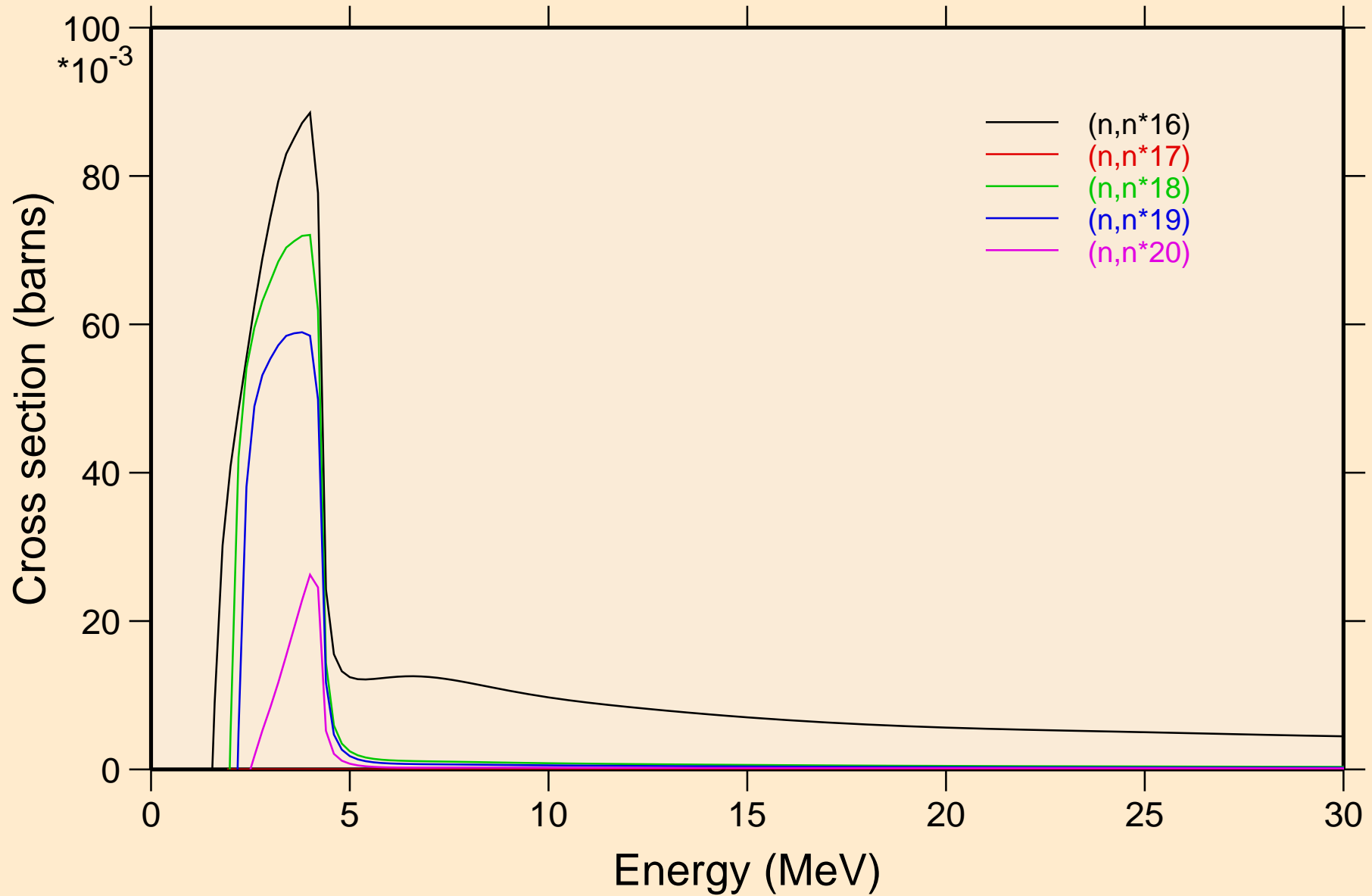
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



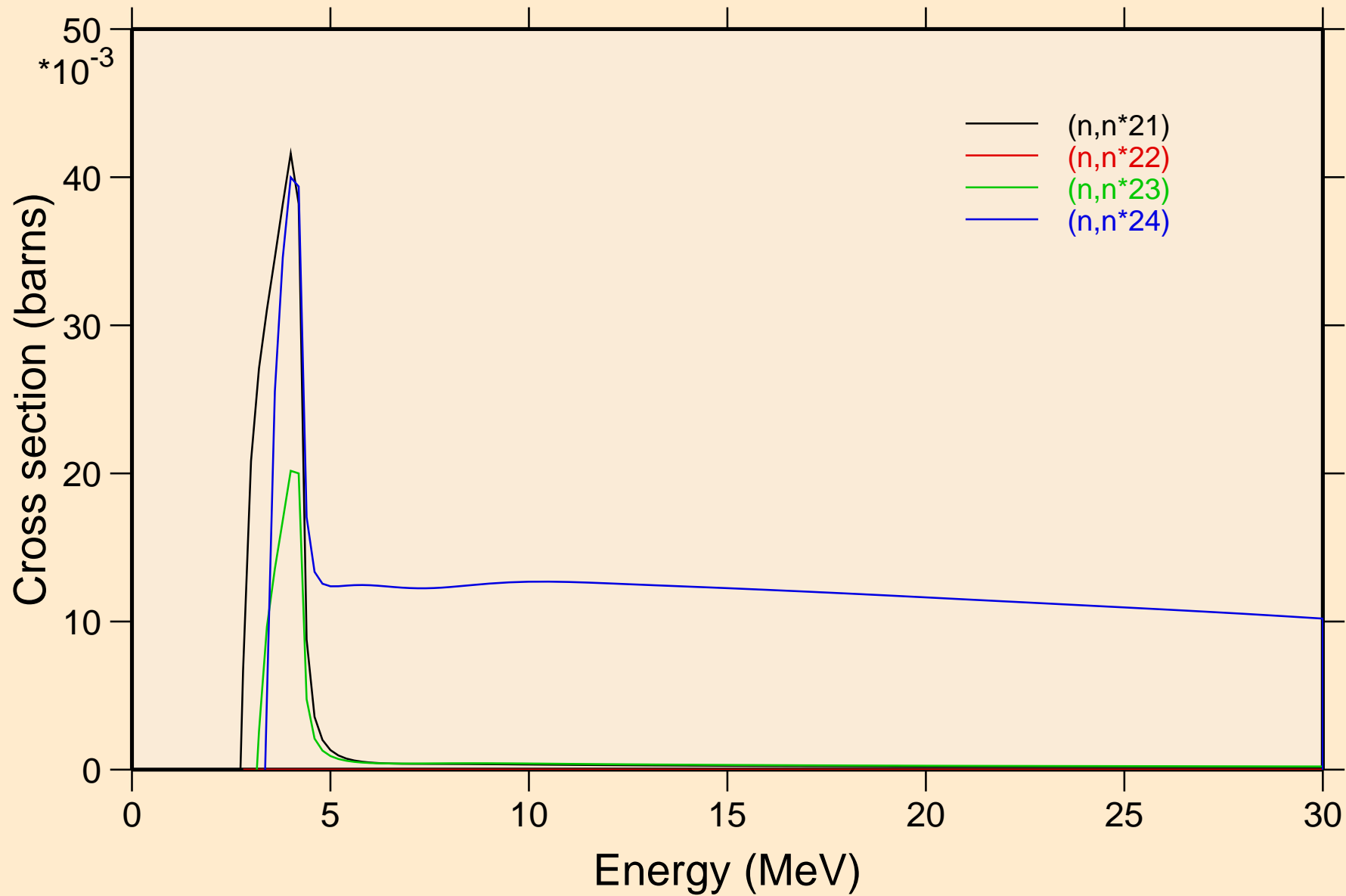
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



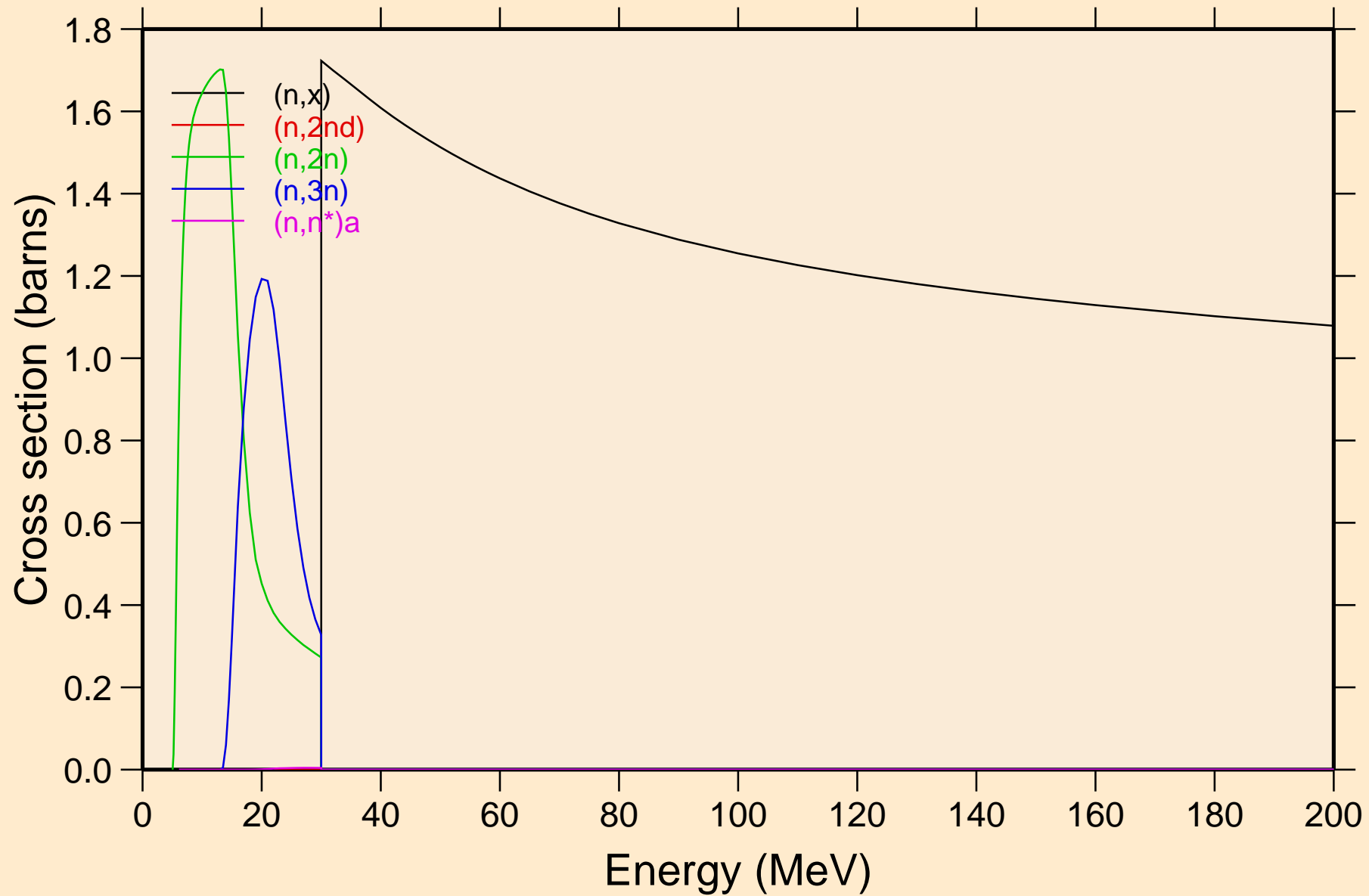
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



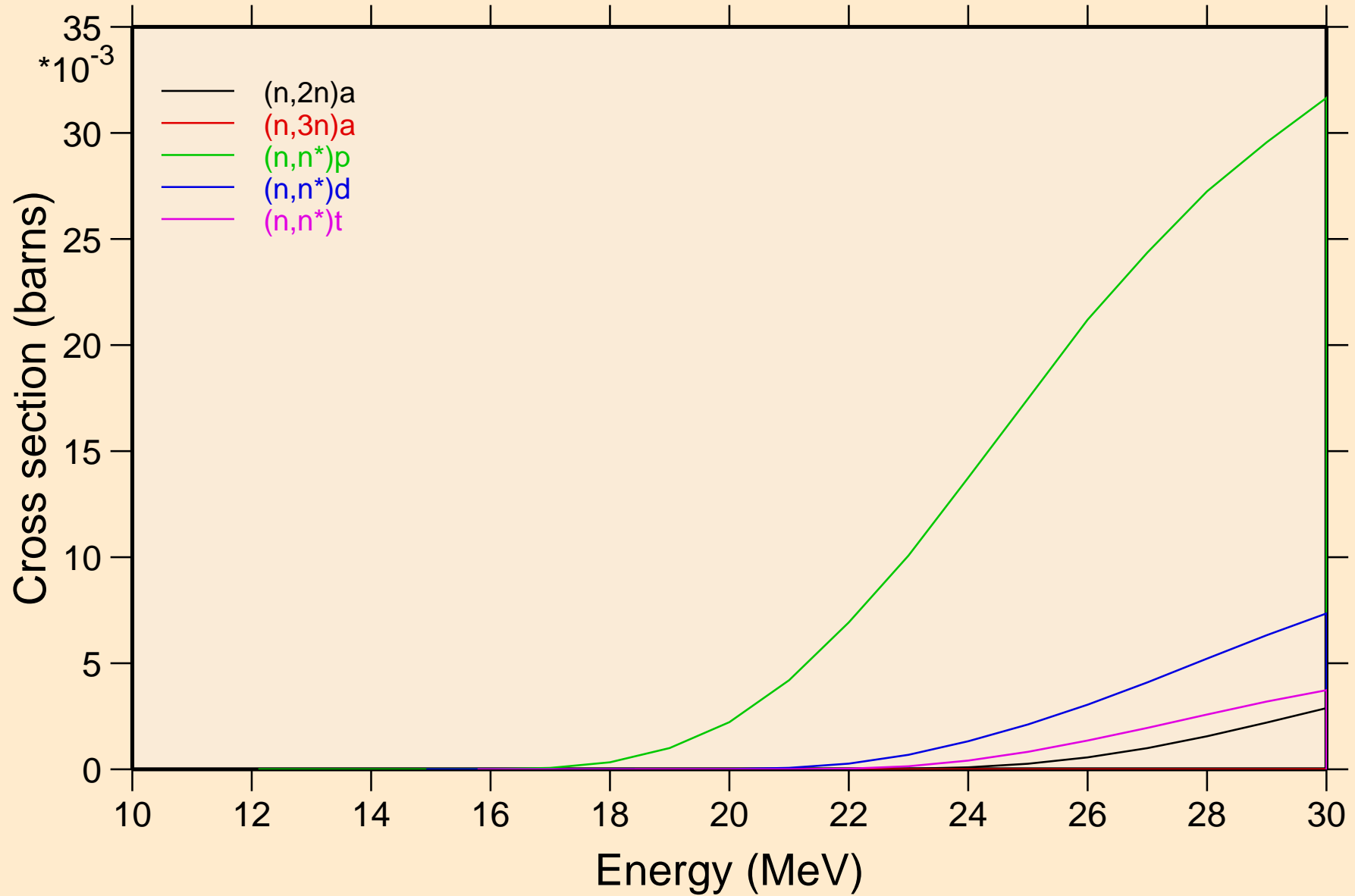
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



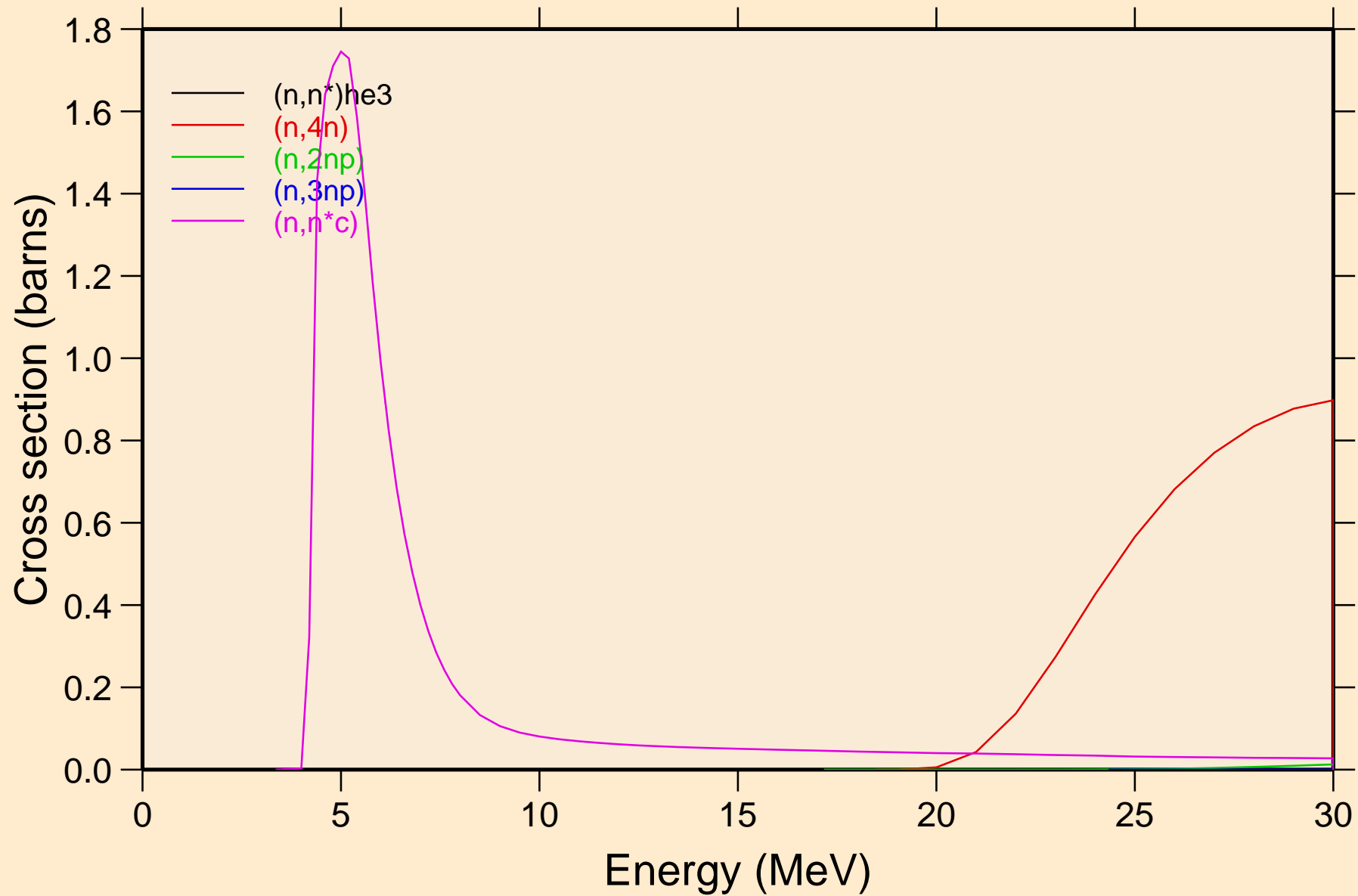
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

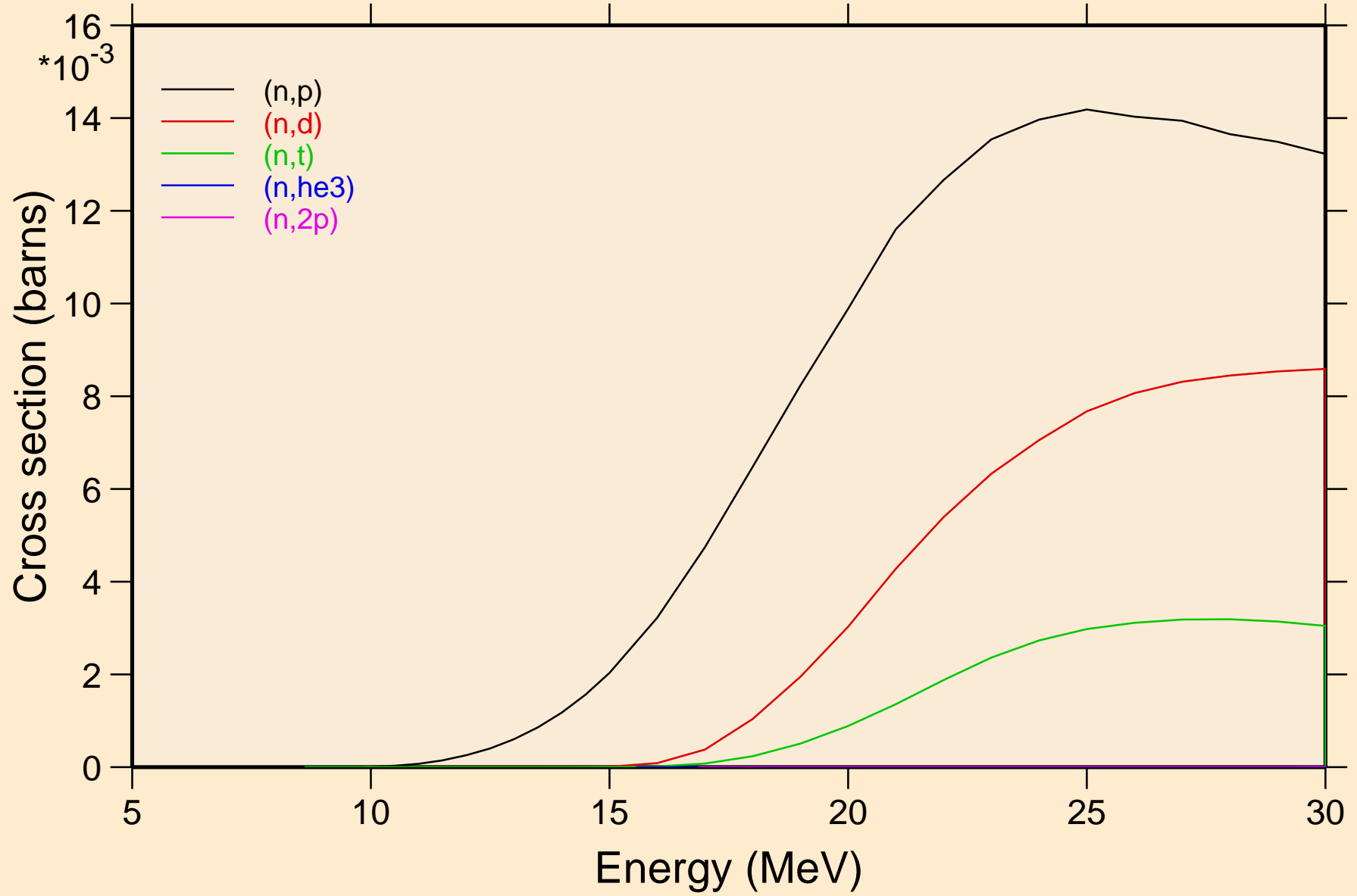


PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

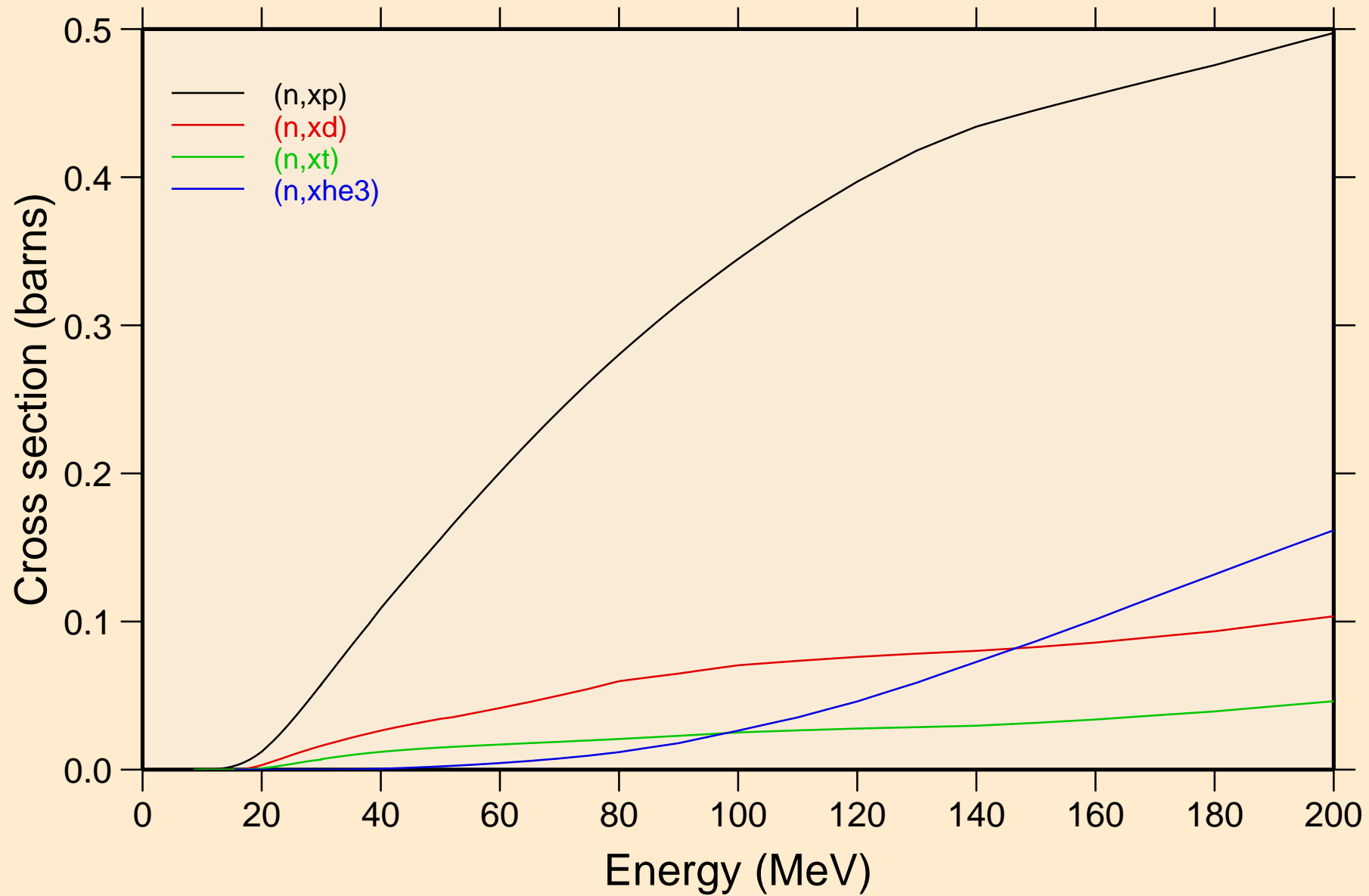




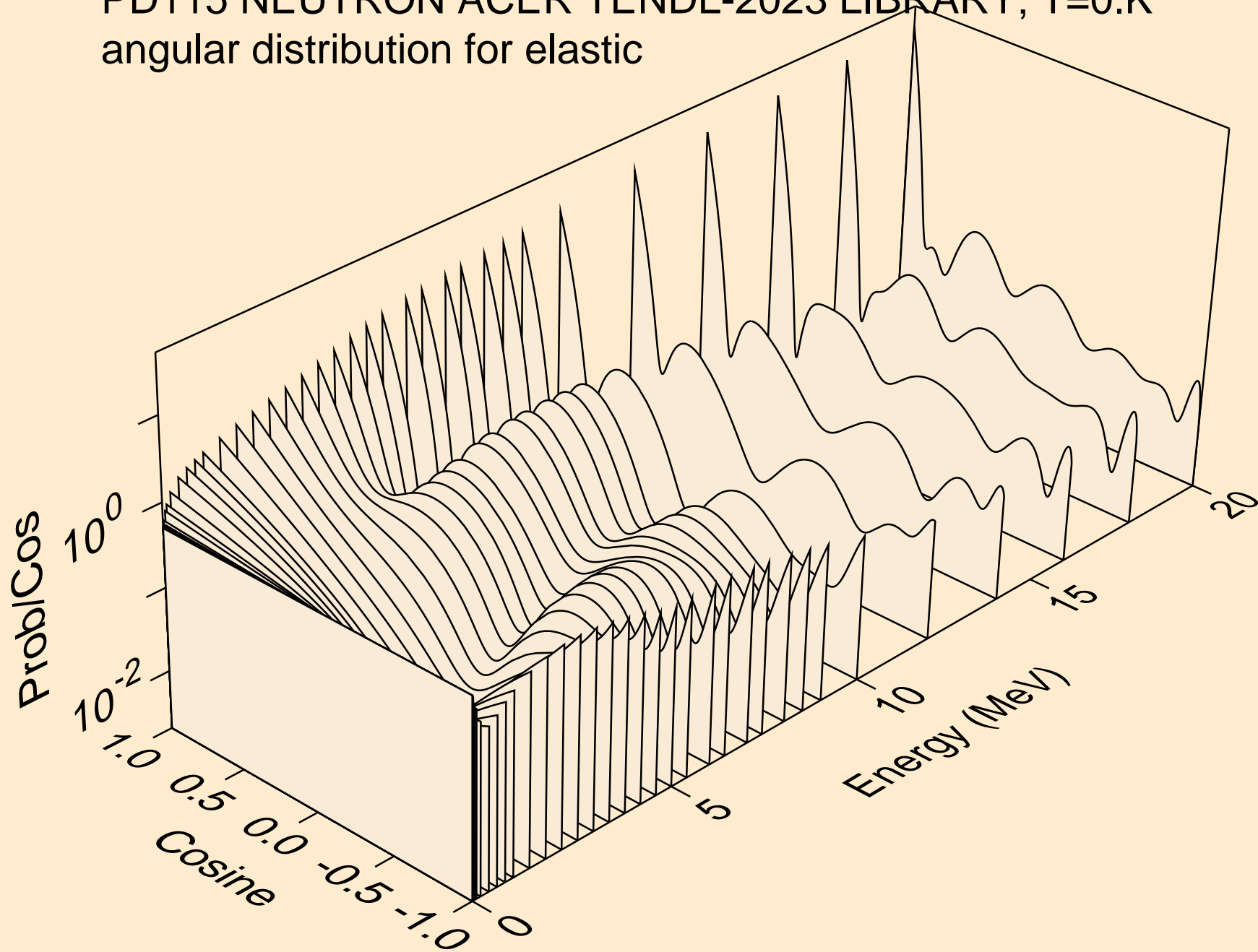
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



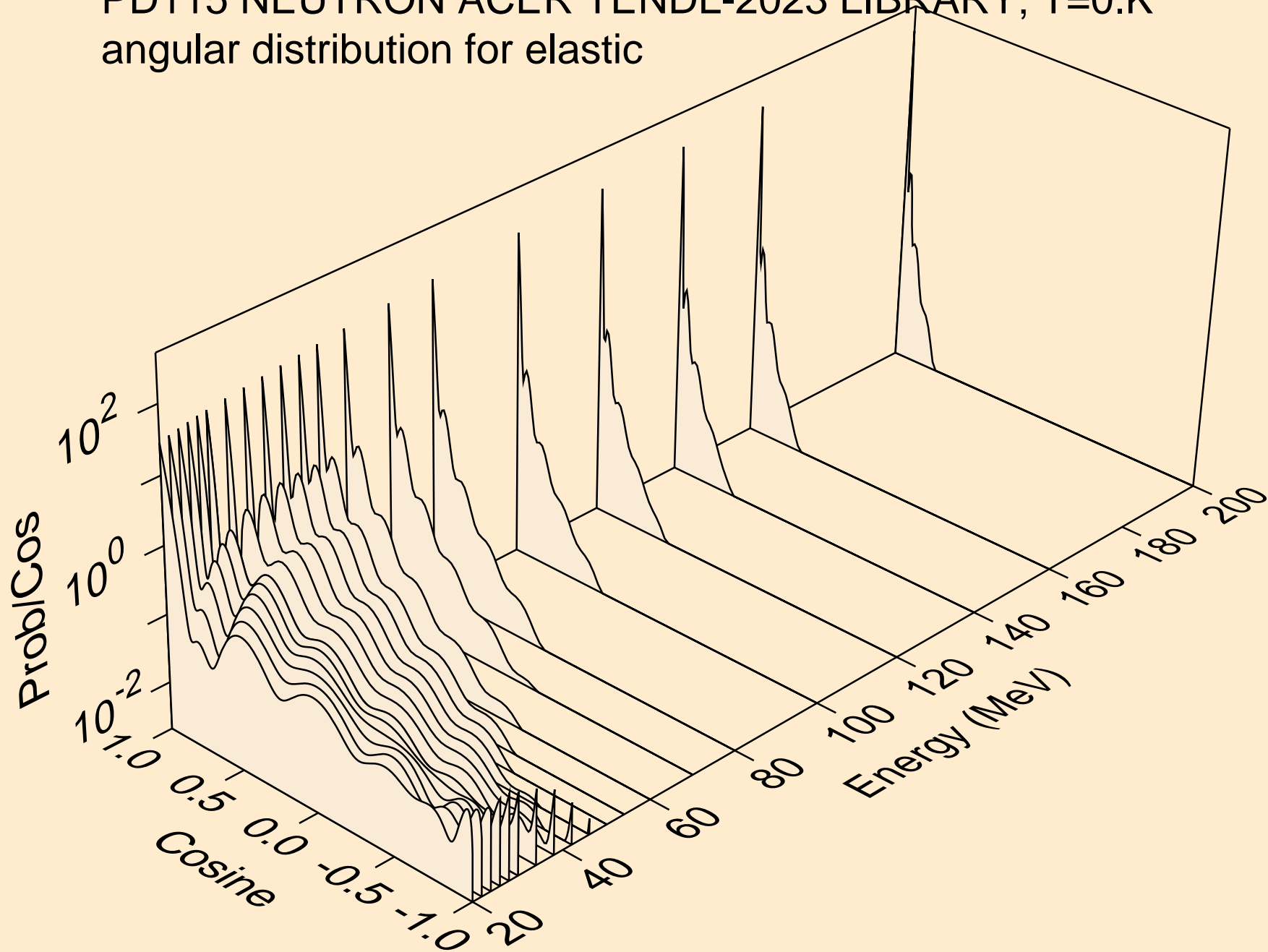
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



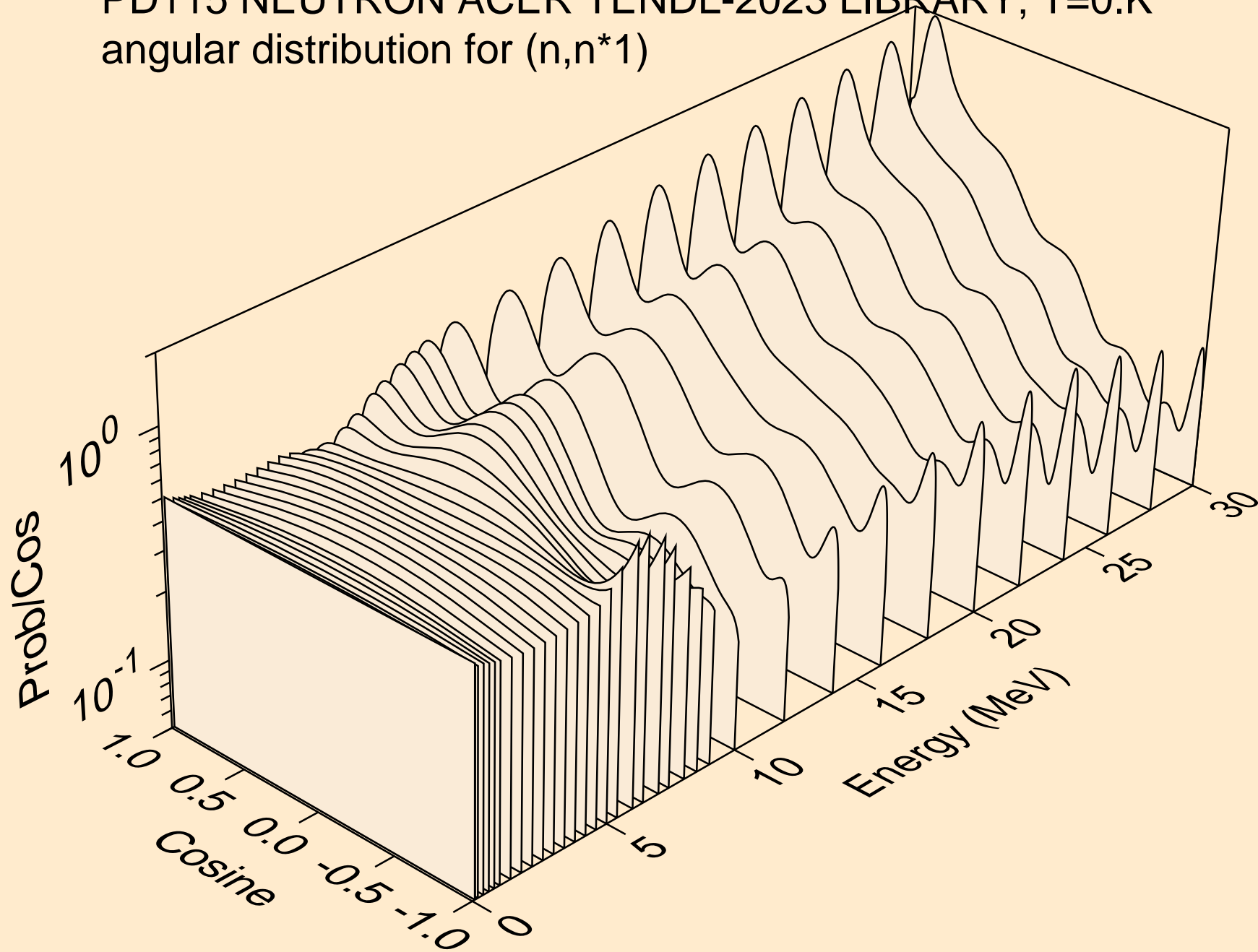
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



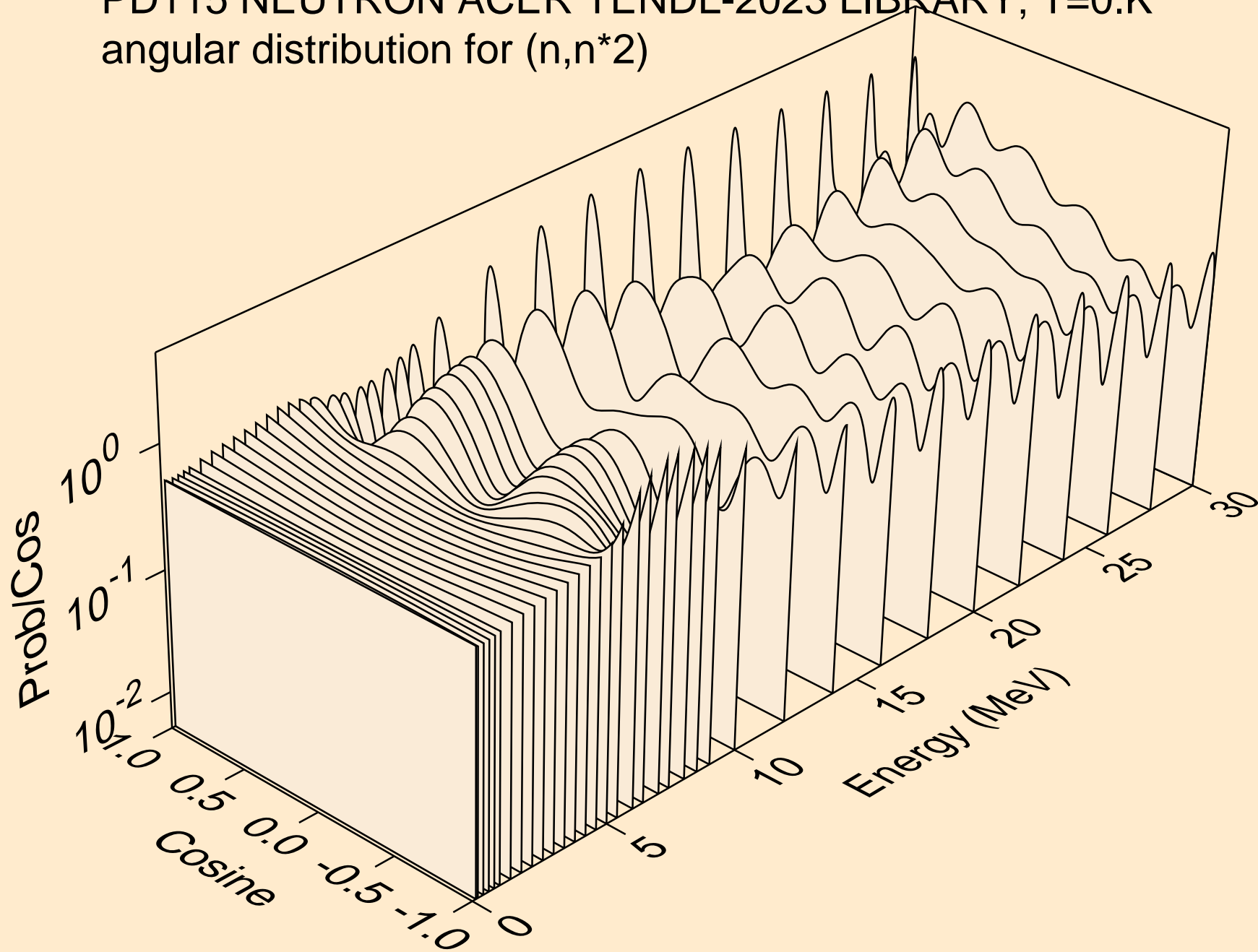
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angular distribution for elastic



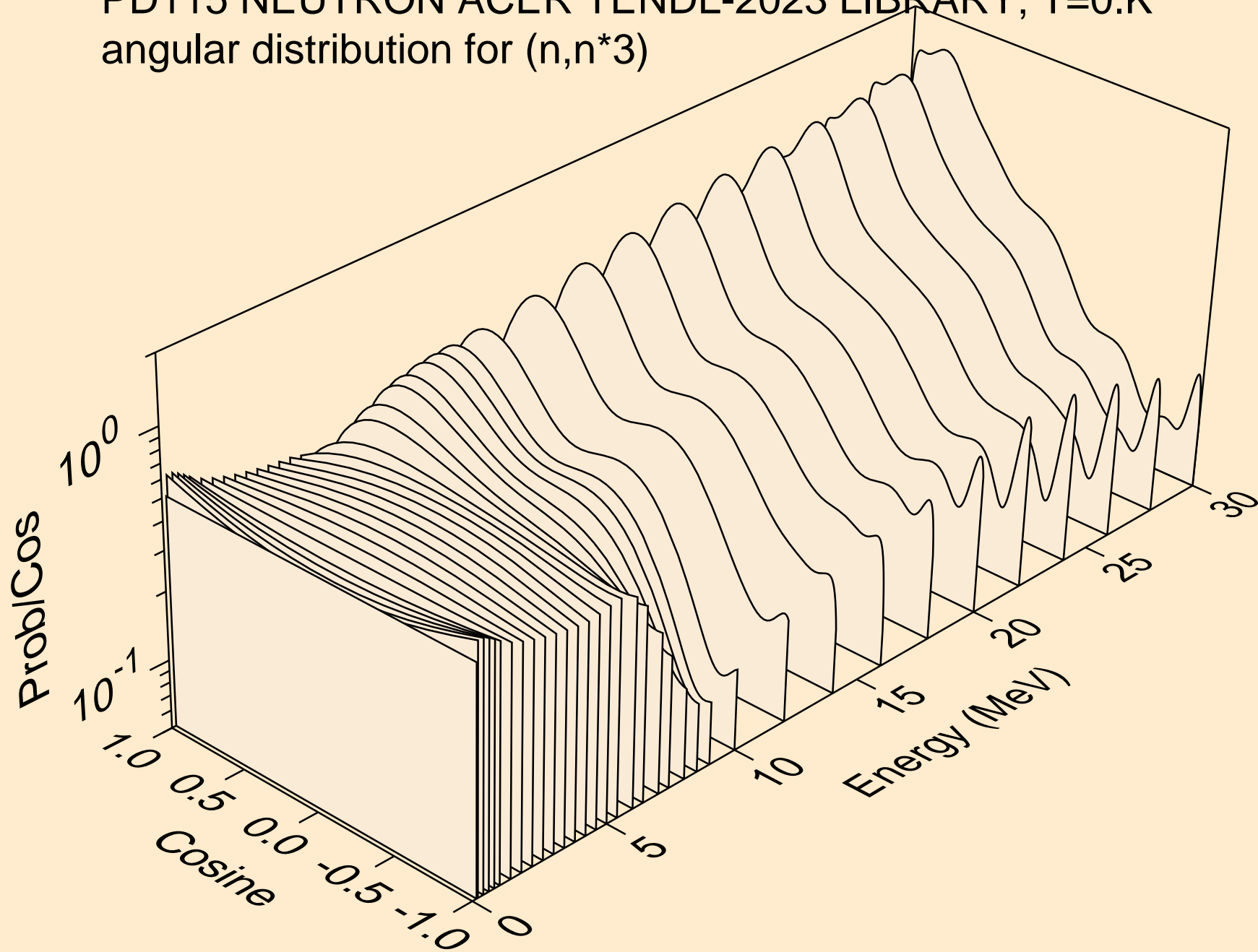
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



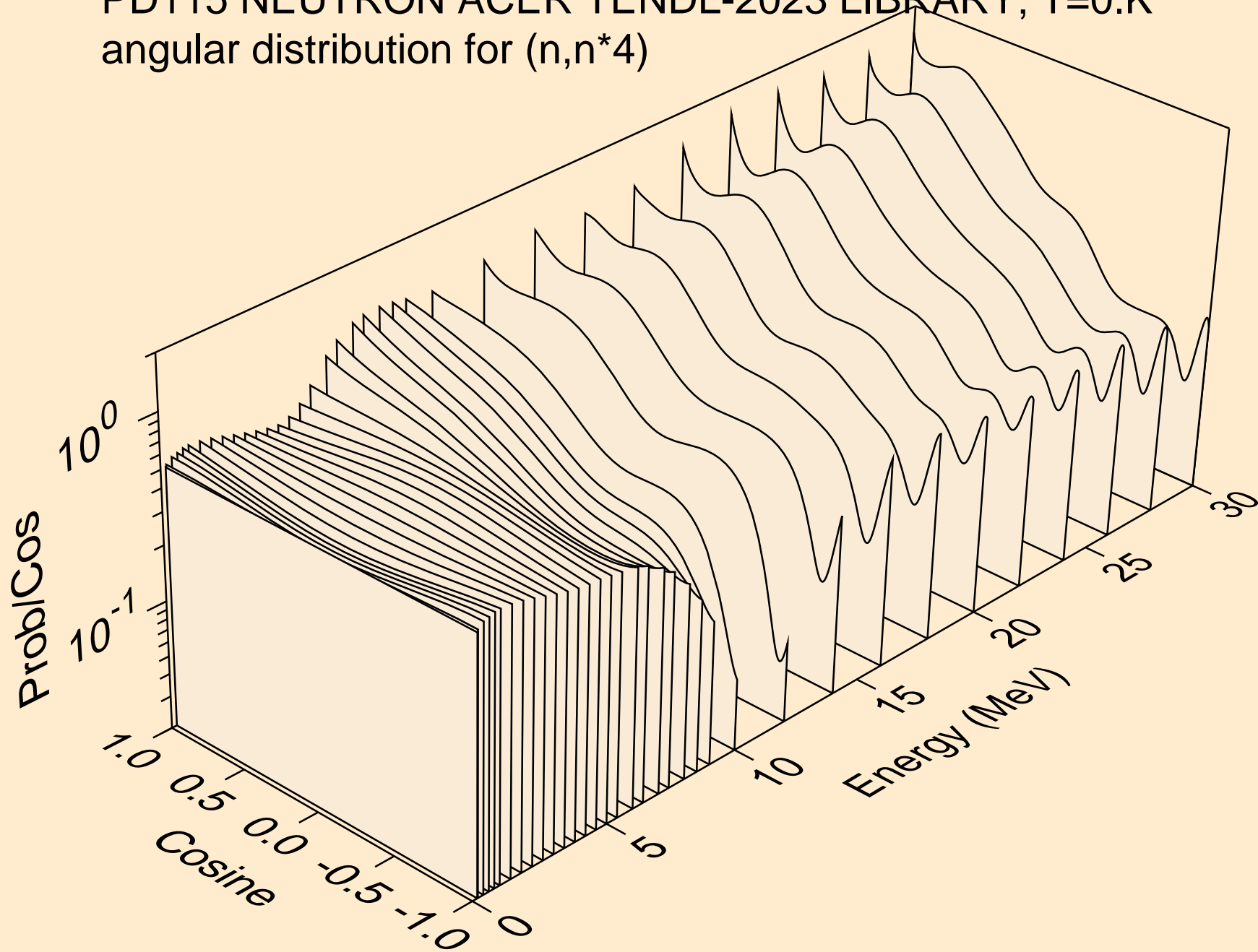
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

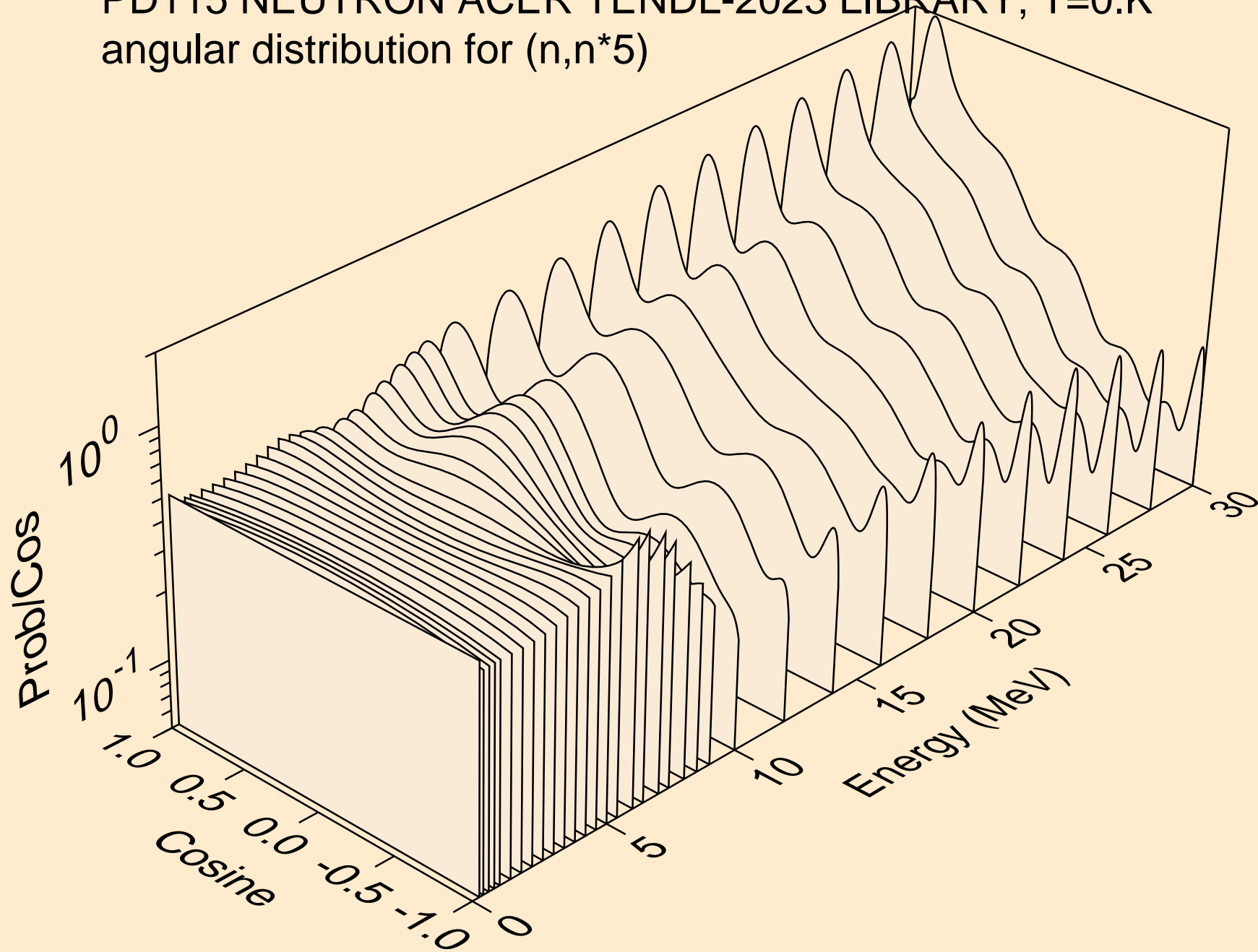


PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

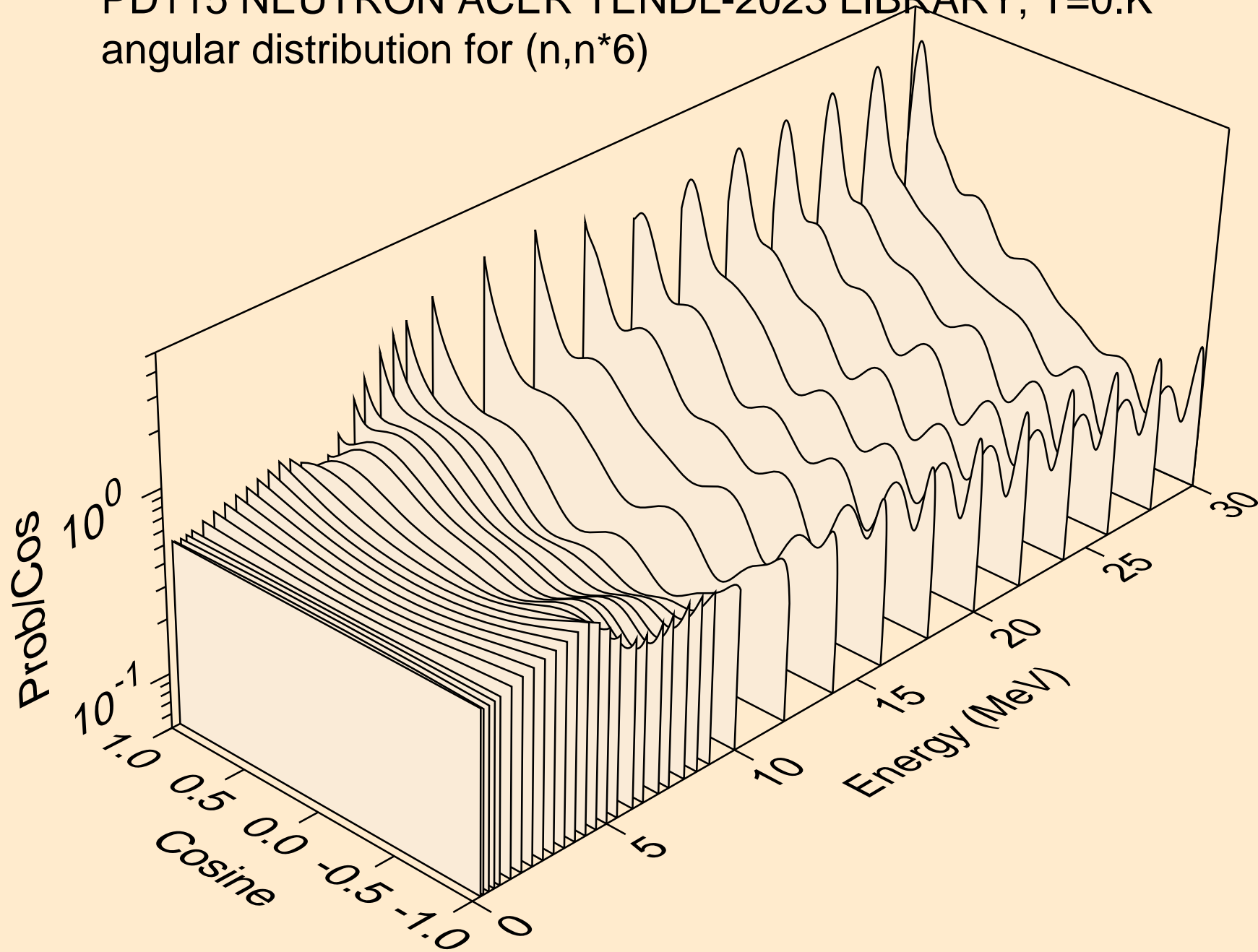




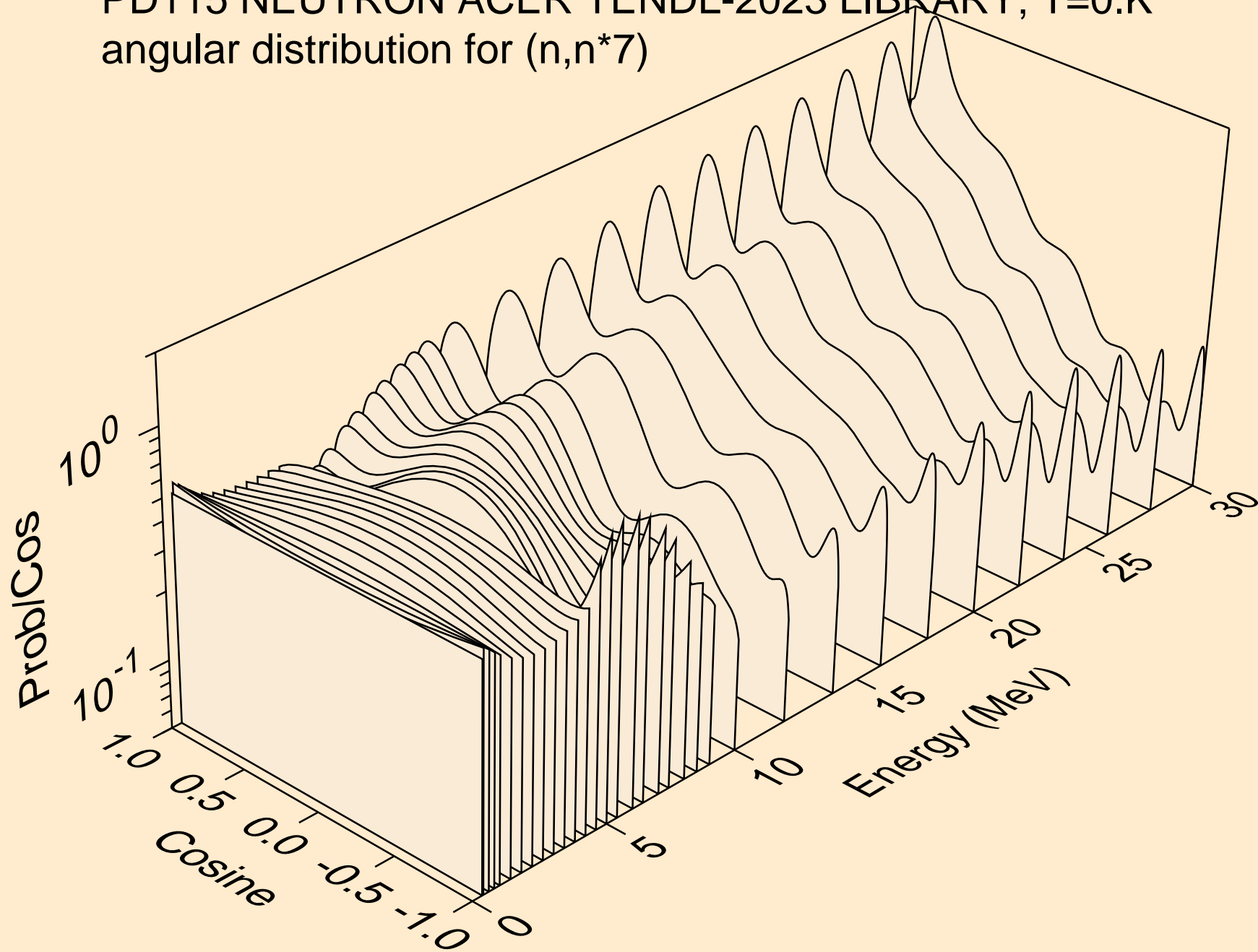
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angular distribution for (n,n\*5)



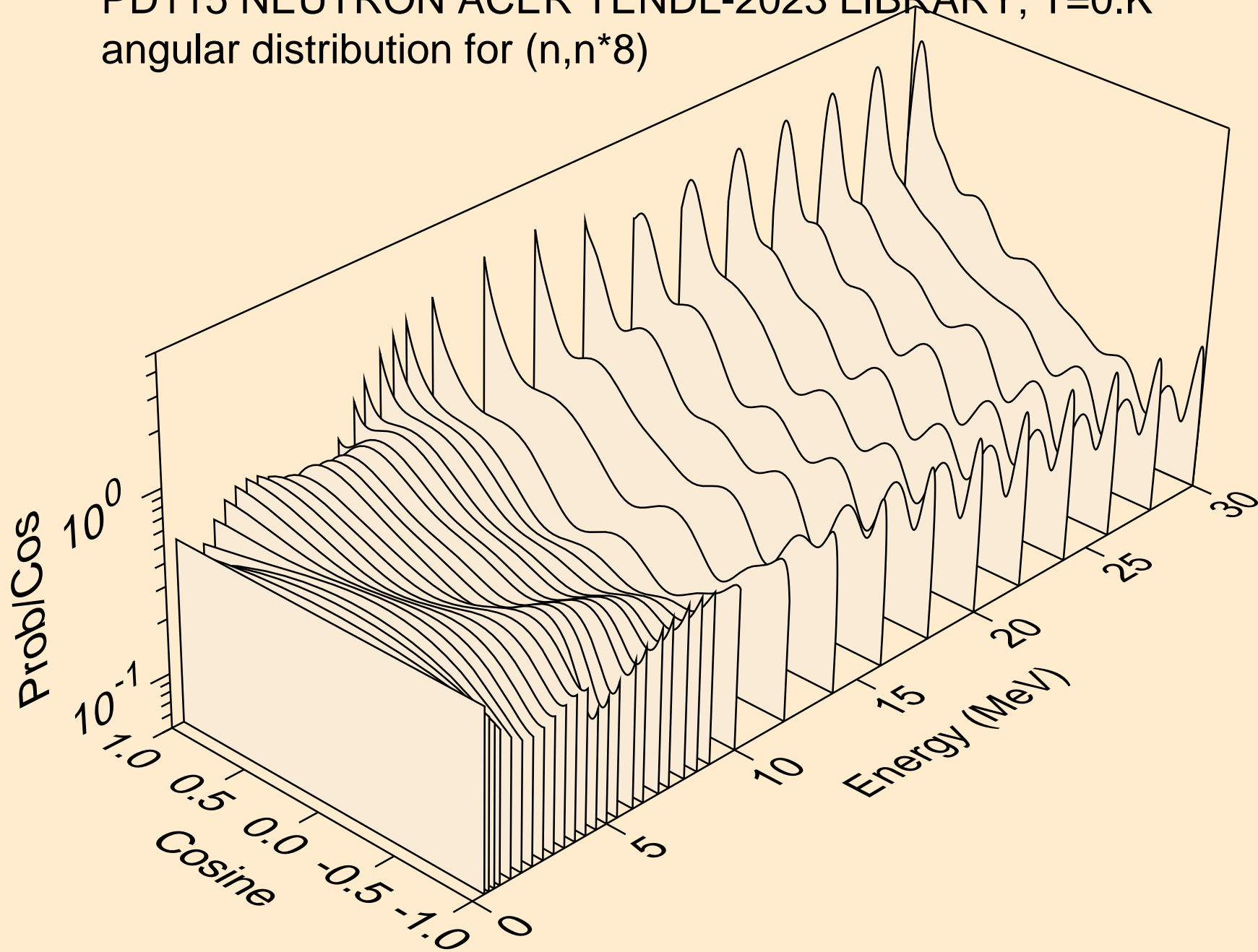
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angular distribution for (n,n\*6)



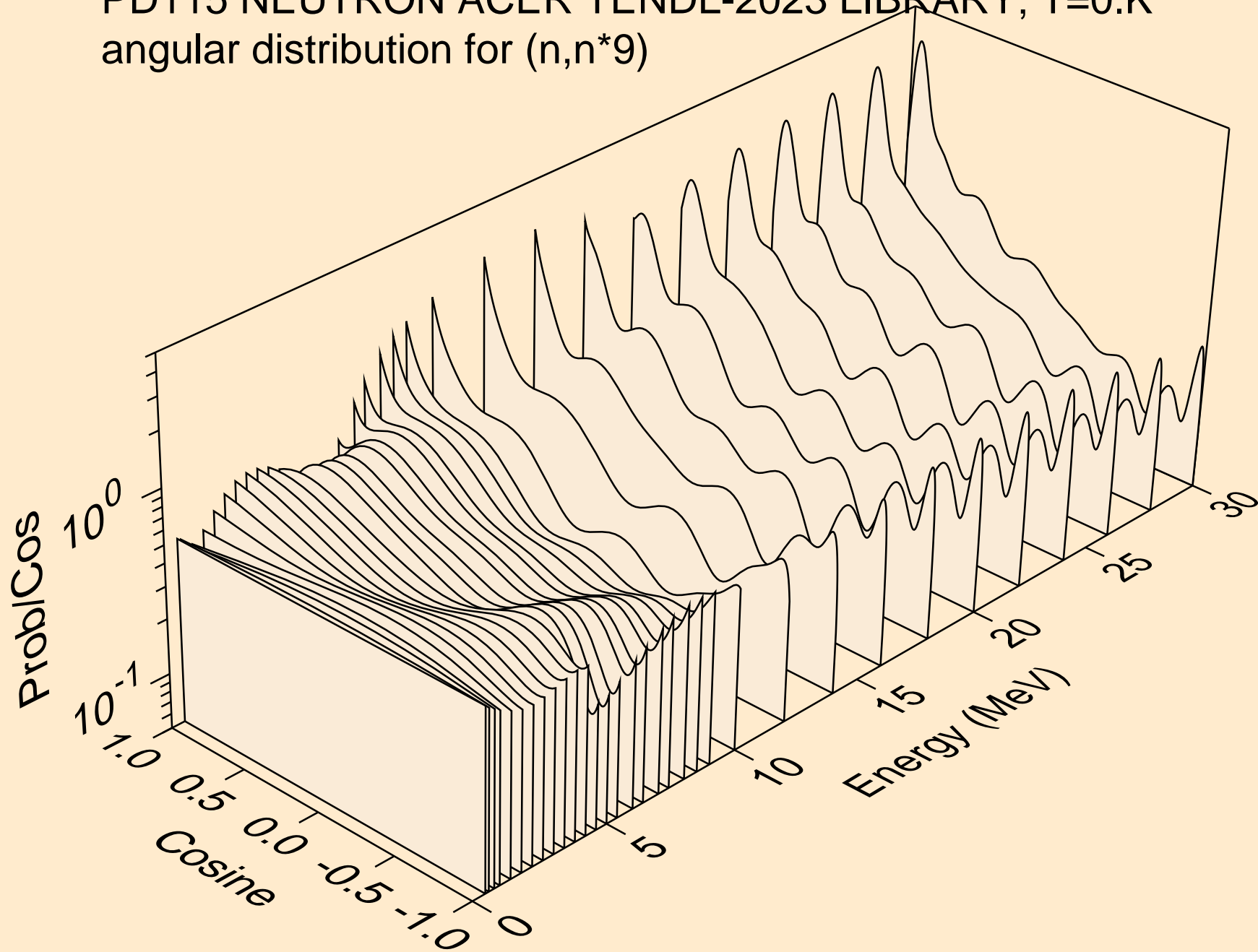
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angular distribution for (n,n\*7)



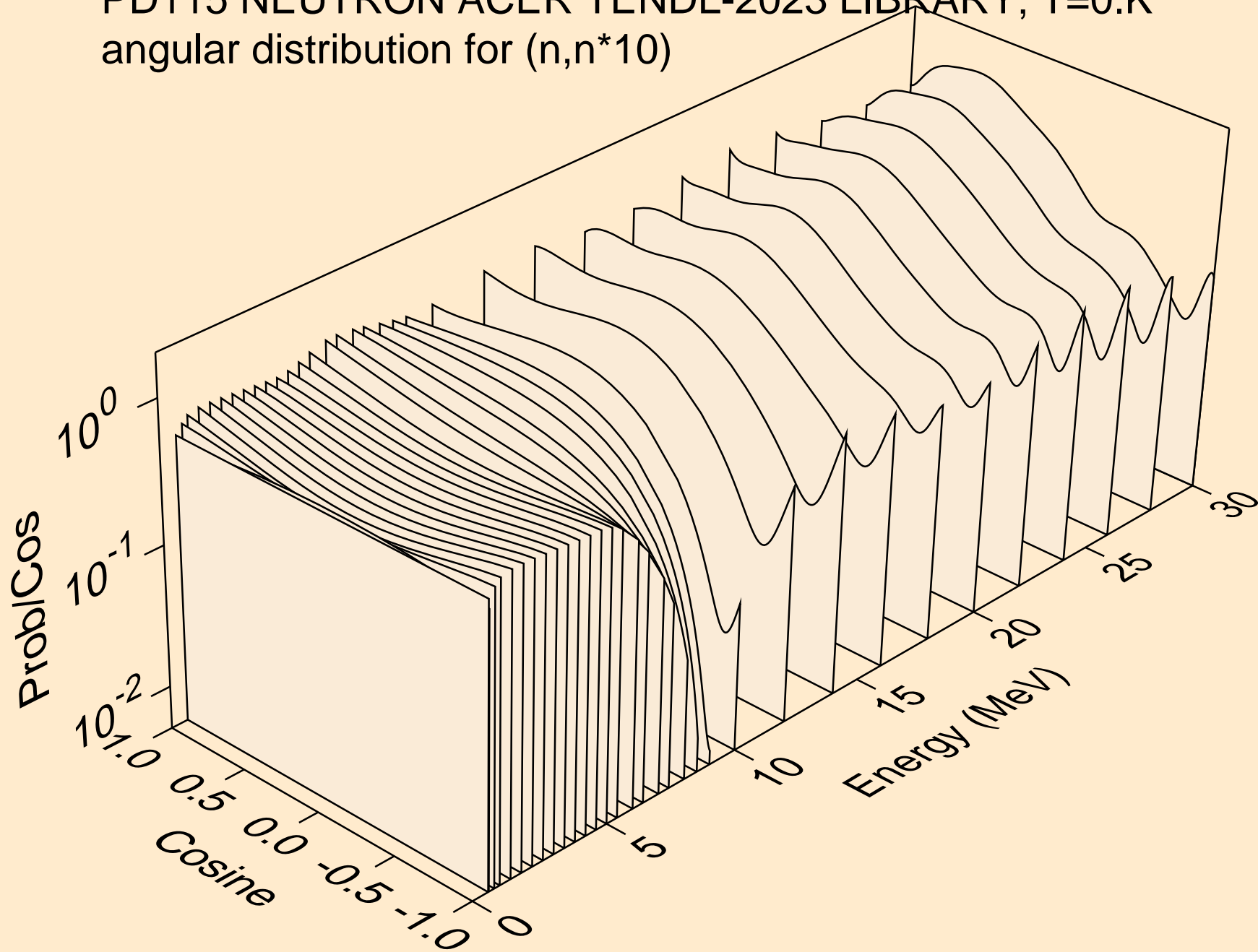
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angular distribution for (n,n\*8)



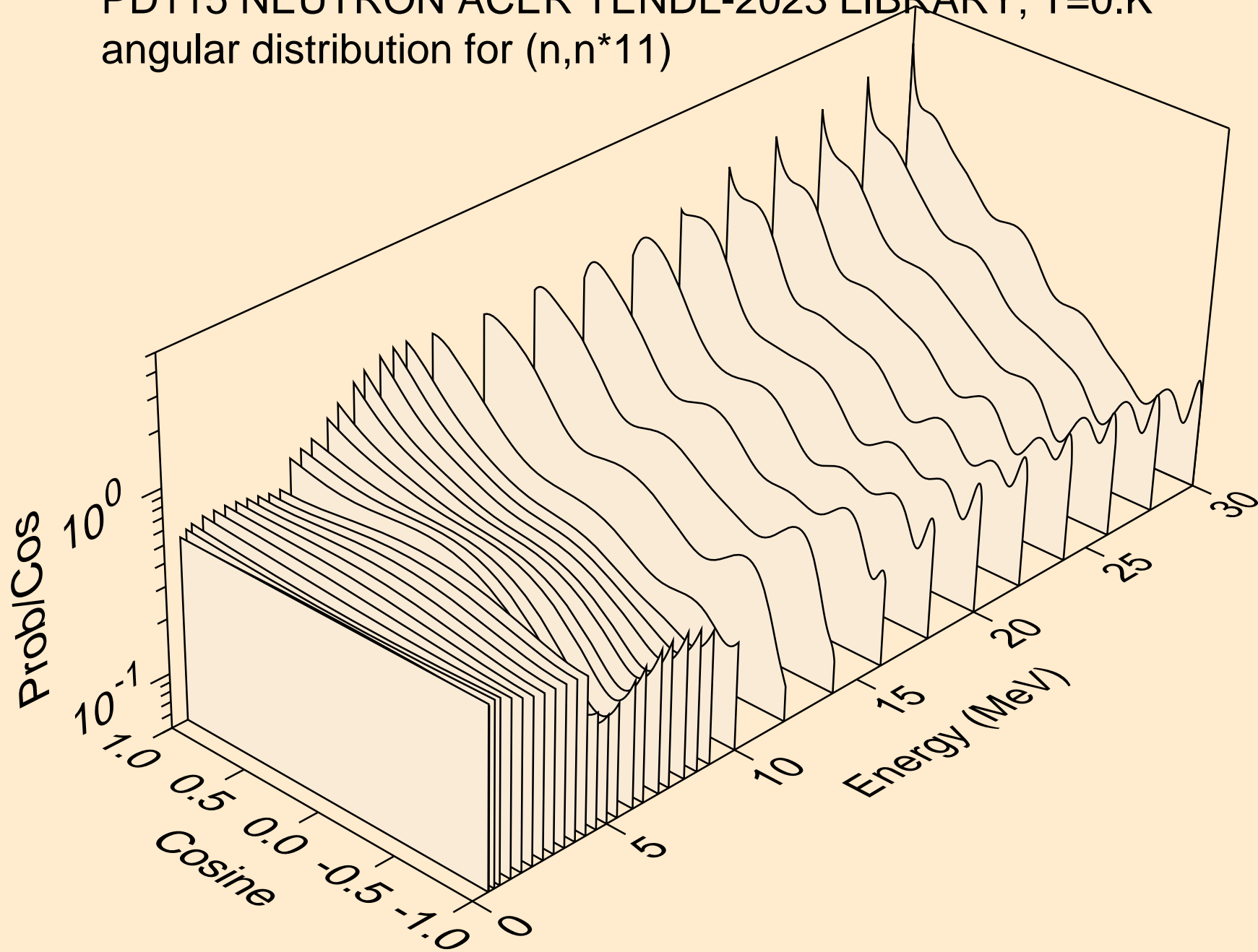
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

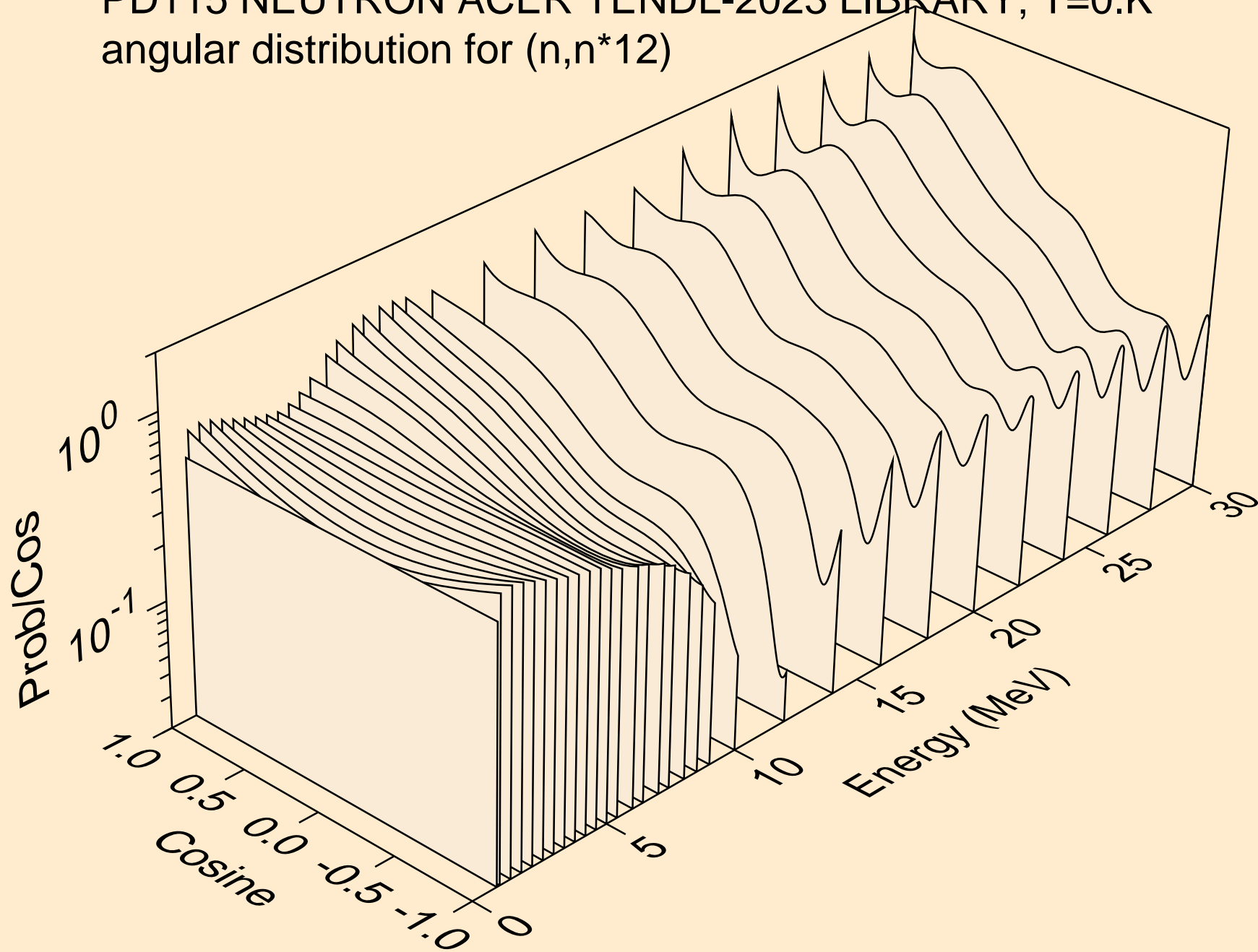


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angular distribution for (n,n\*11)



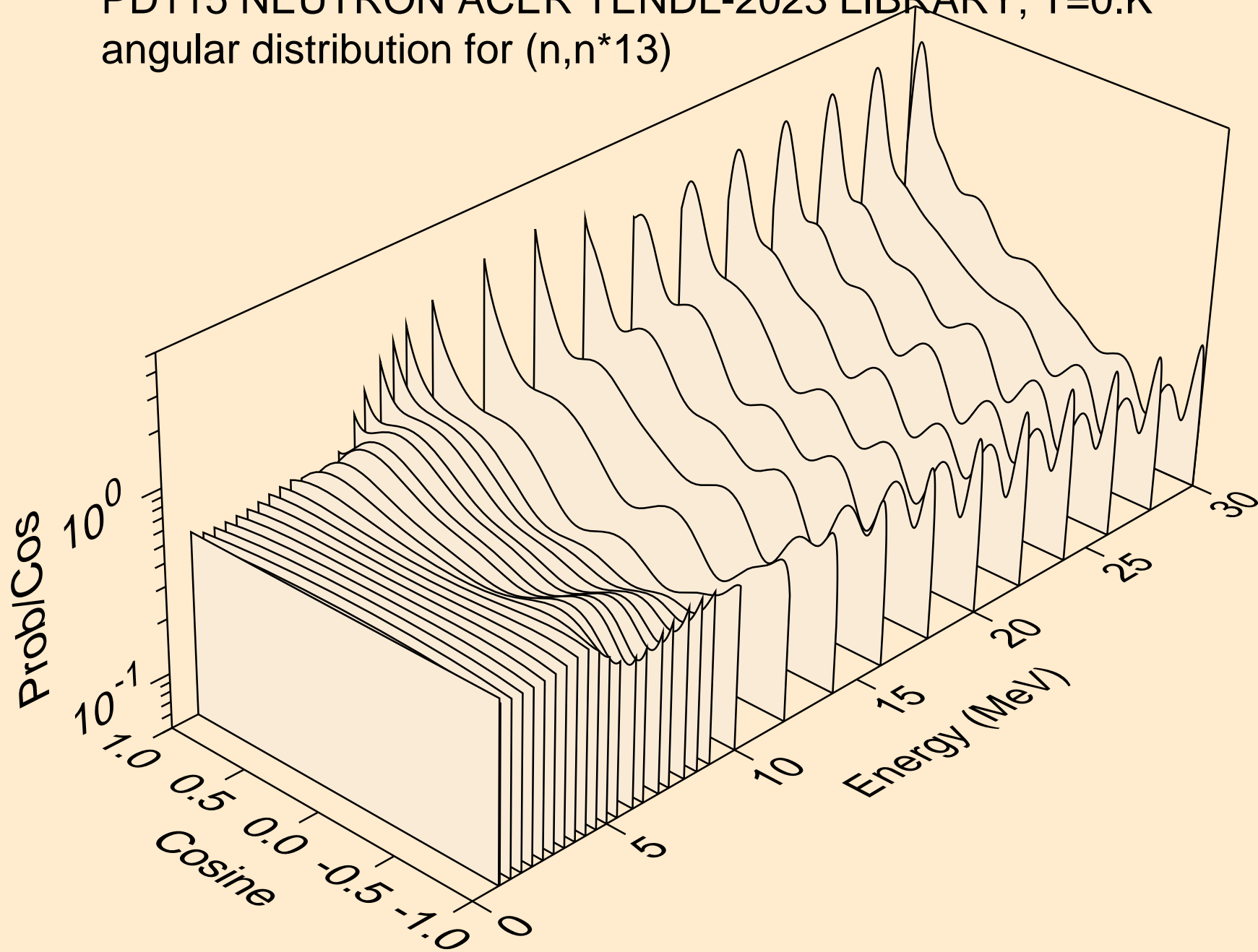


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angular distribution for (n,n\*12)

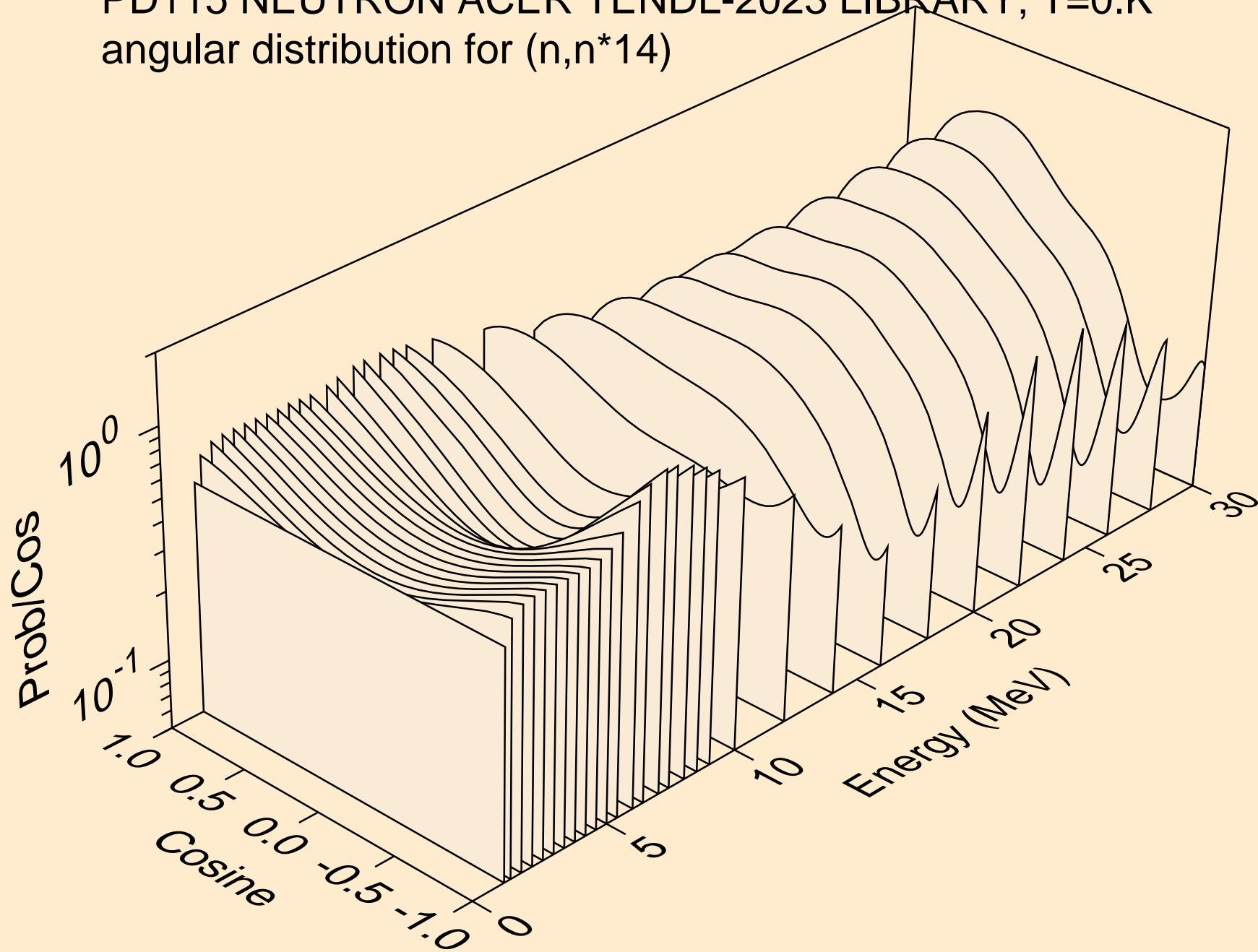




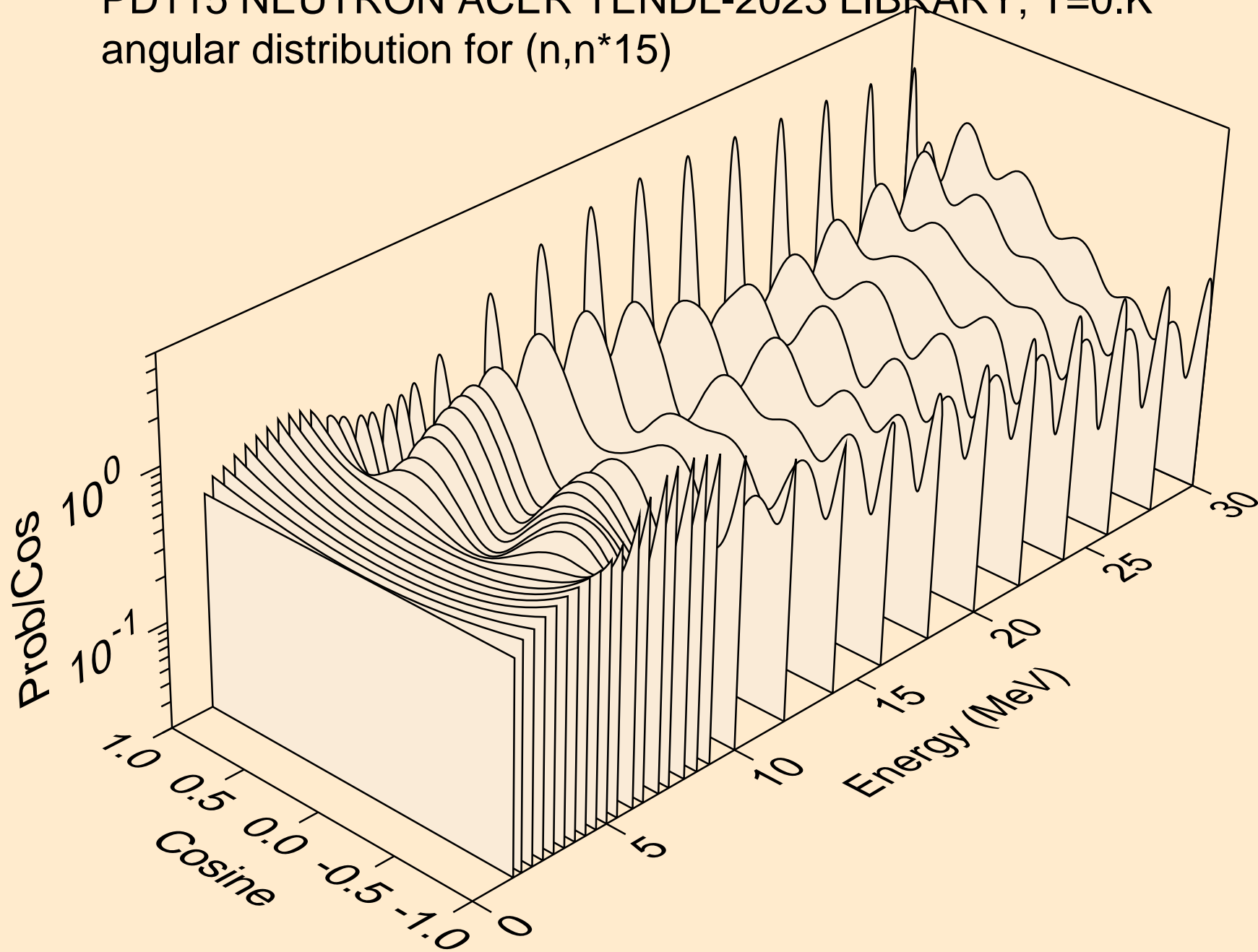
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angular distribution for (n,n\*13)



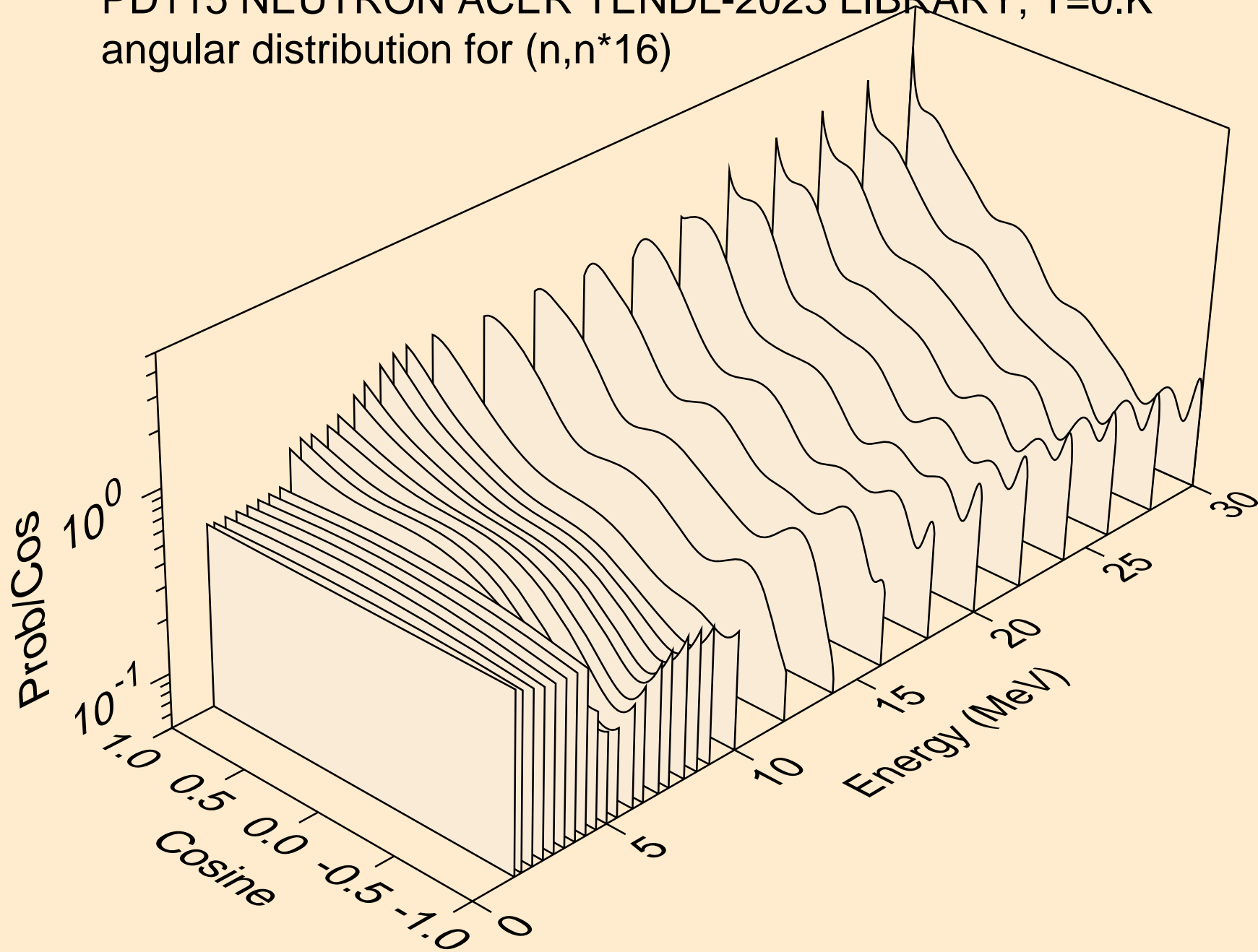
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angular distribution for (n,n\*14)



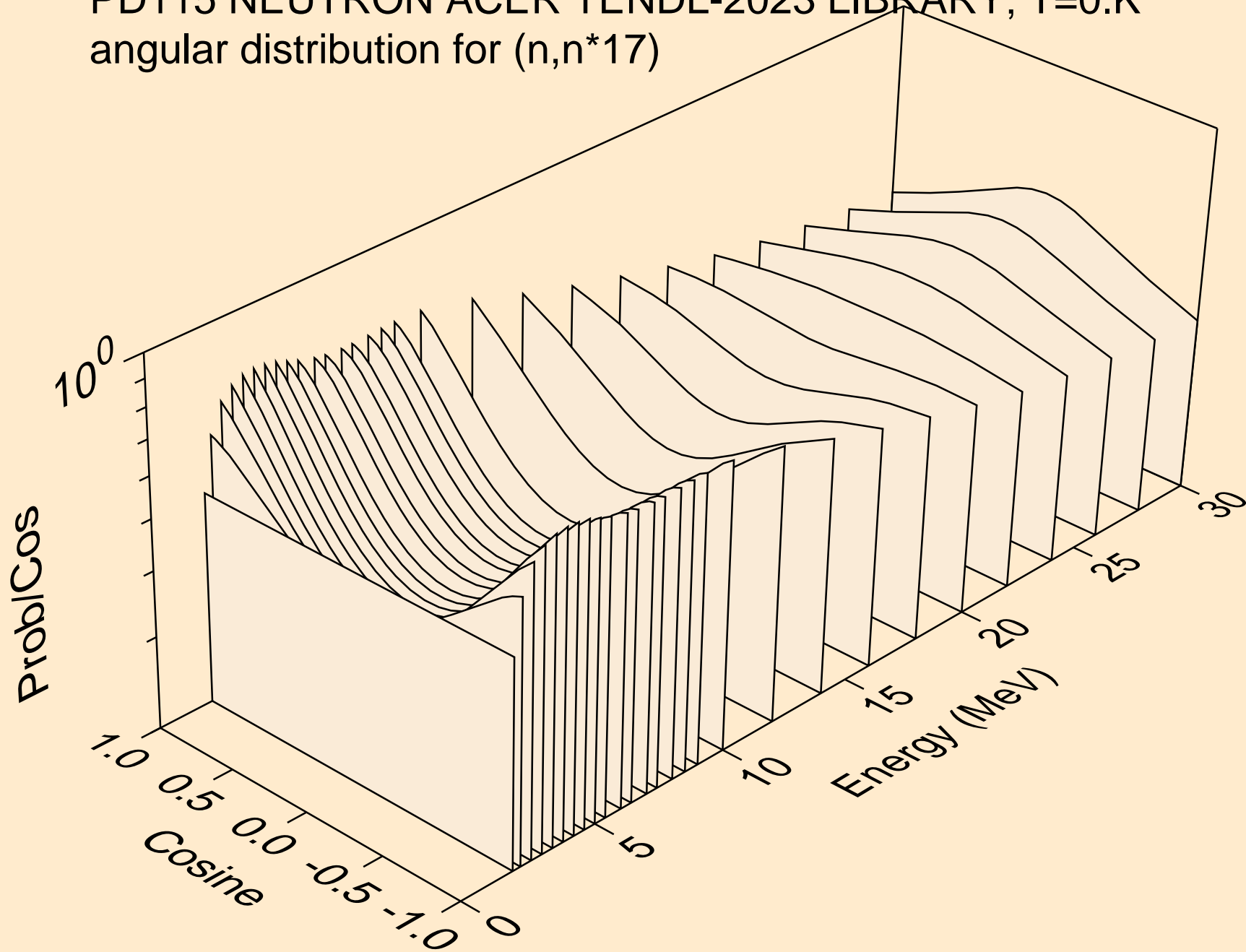
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angular distribution for (n,n\*15)



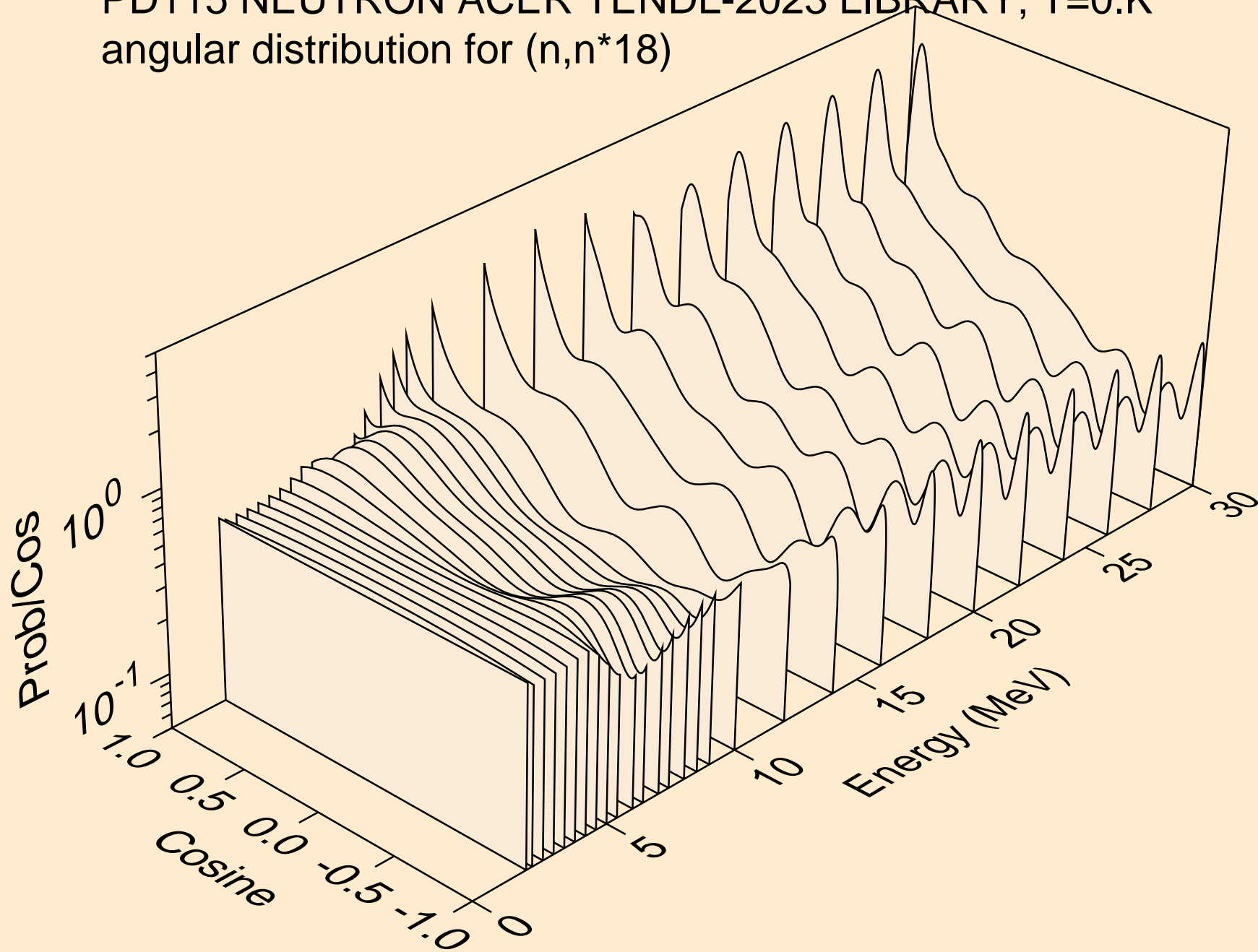
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angular distribution for (n,n\*16)



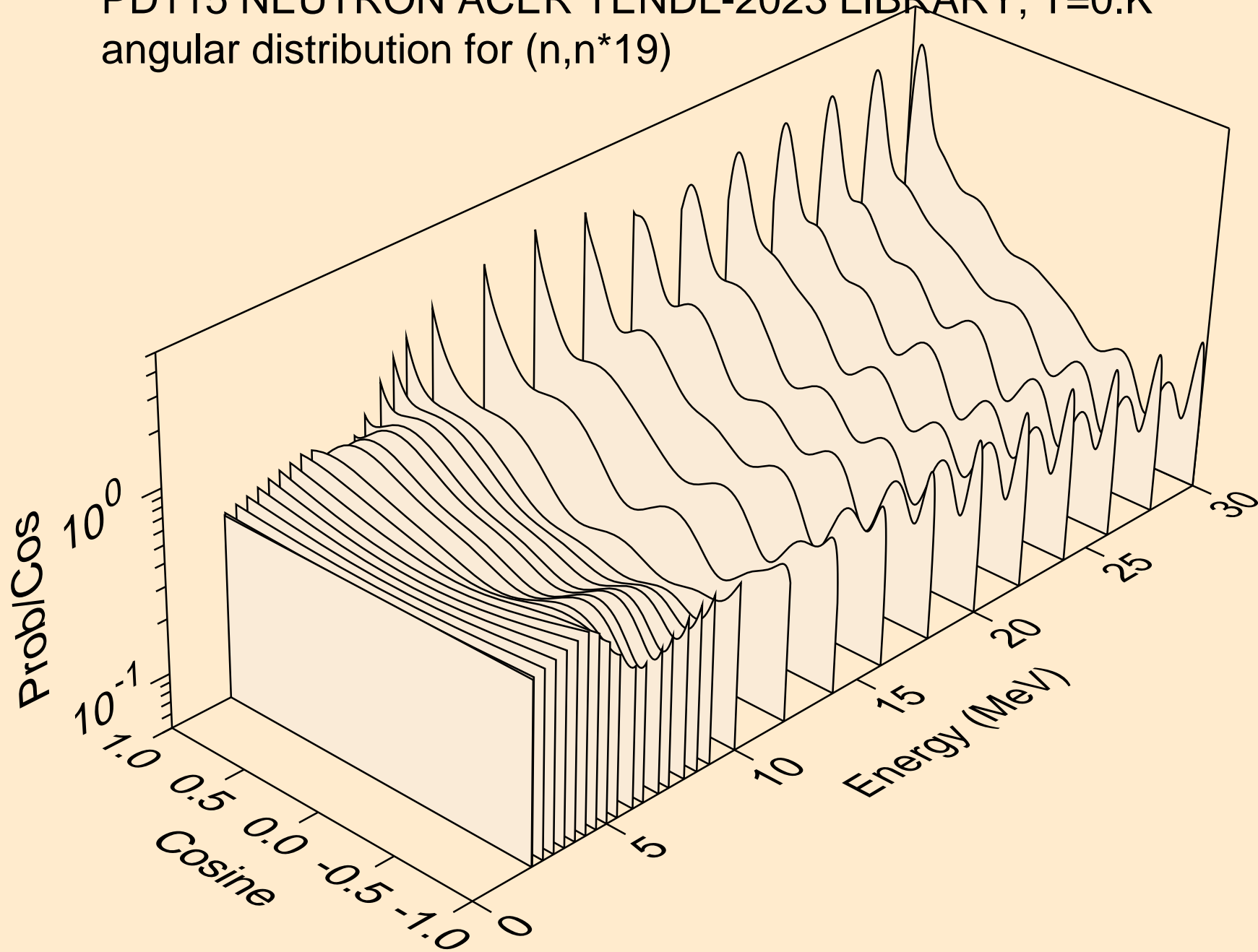
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angular distribution for (n,n\*17)



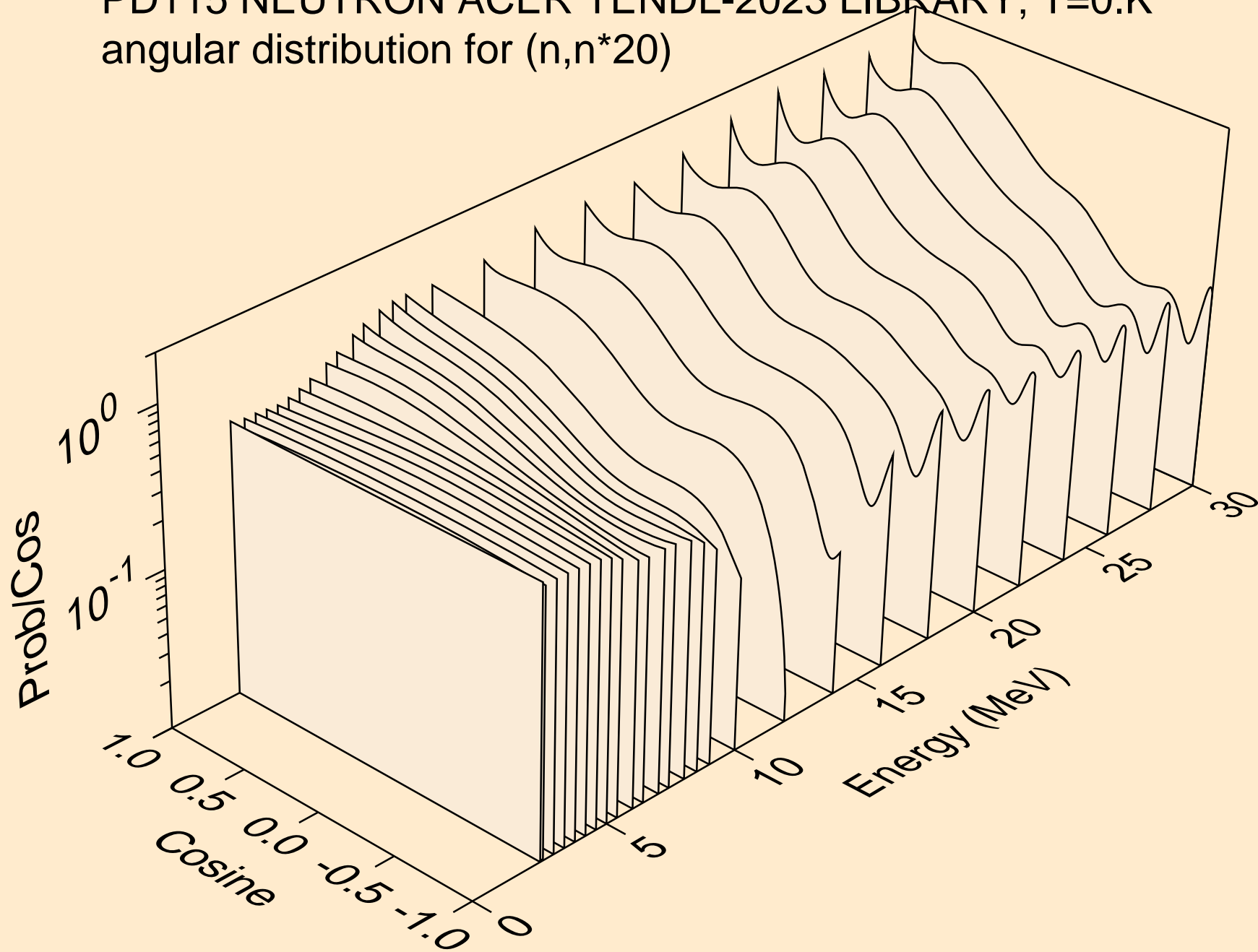
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

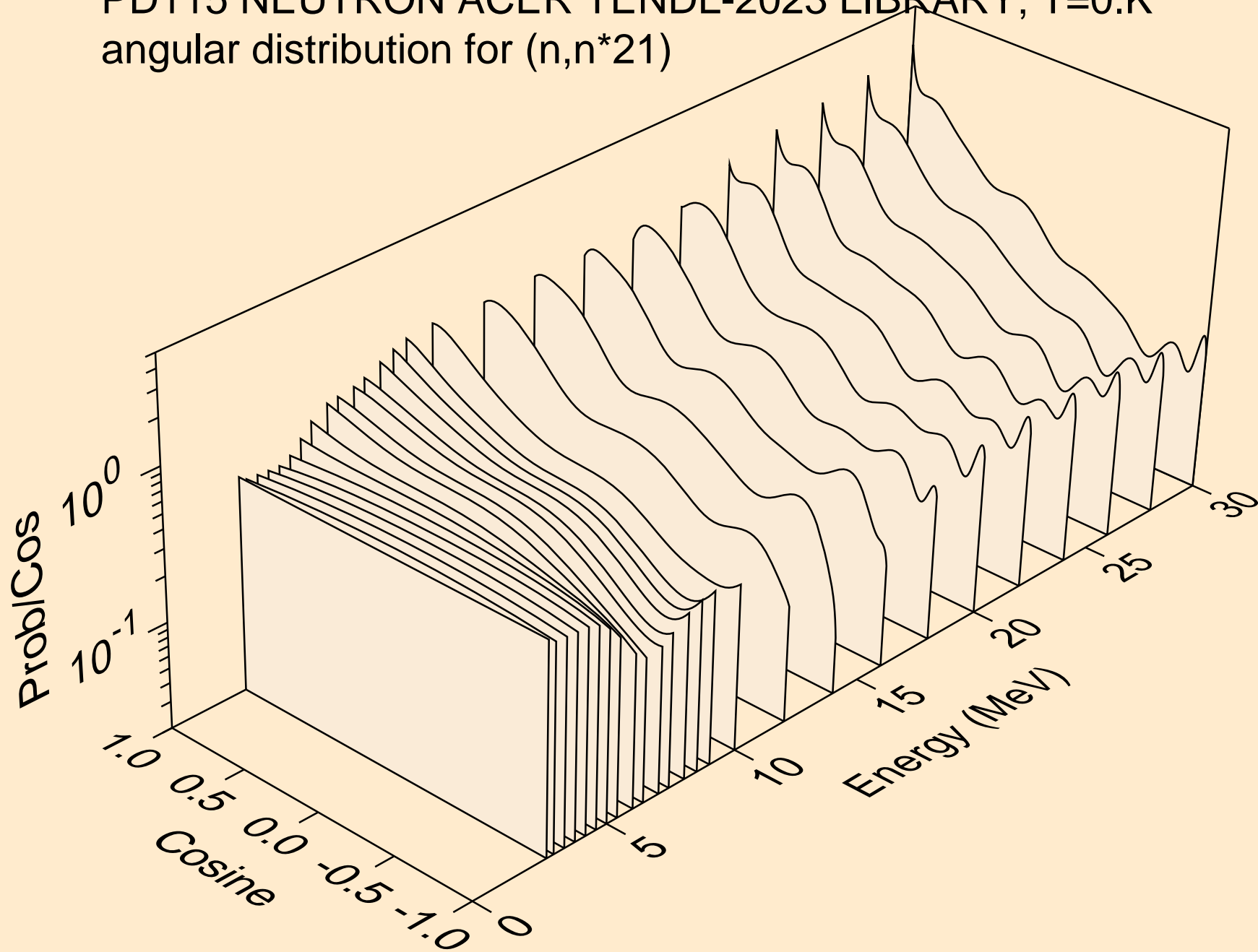


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angular distribution for (n,n\*20)

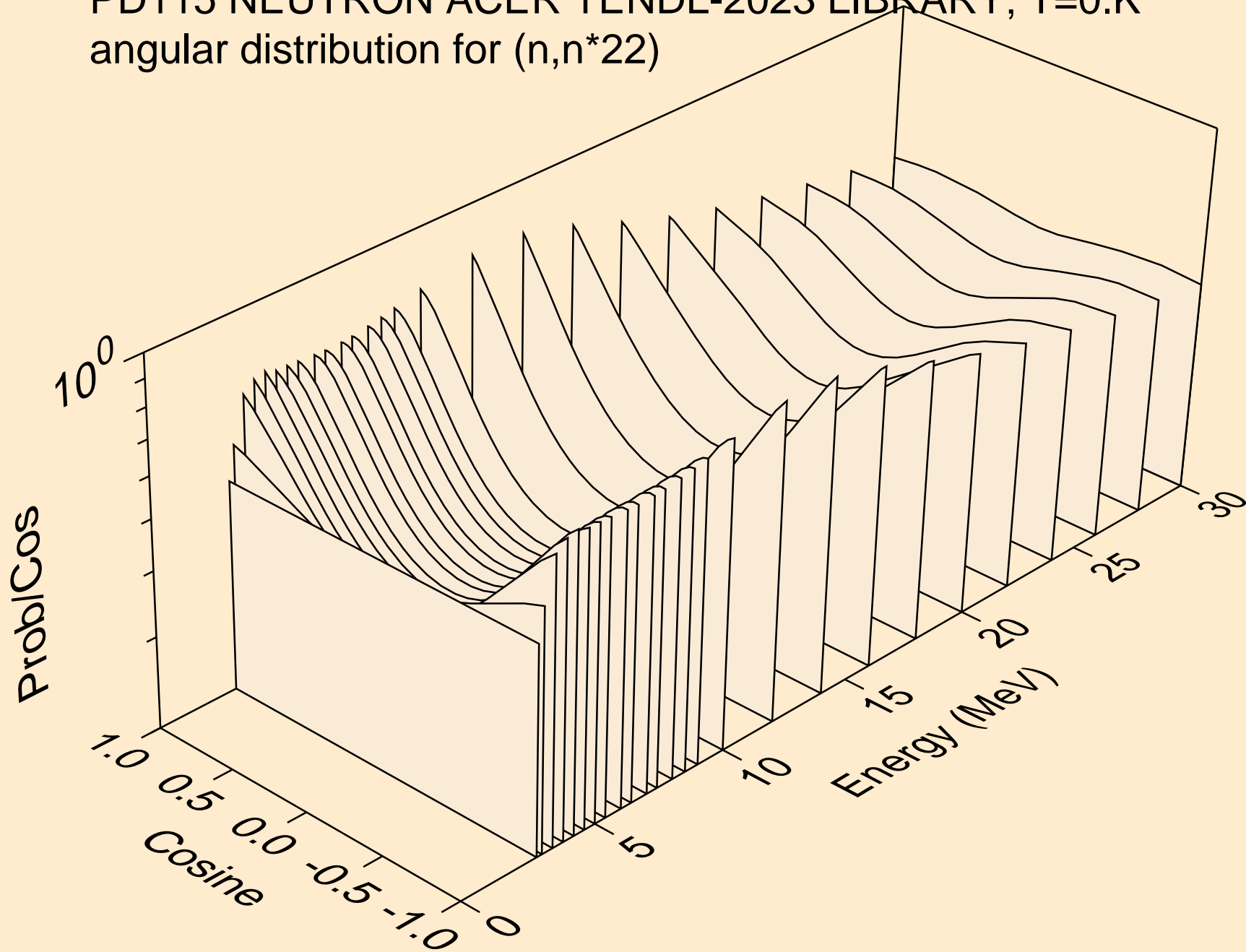




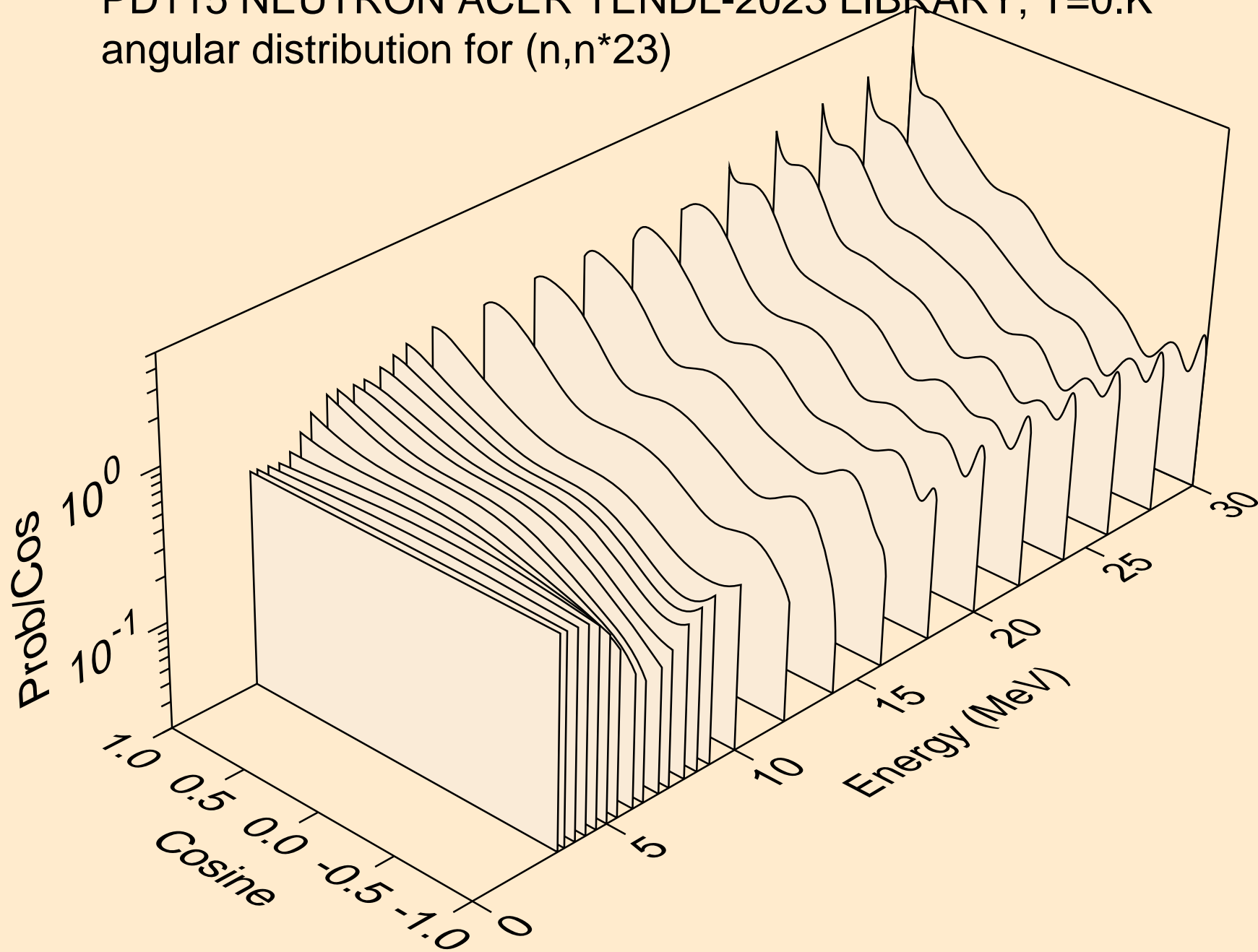
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angular distribution for (n,n\*21)



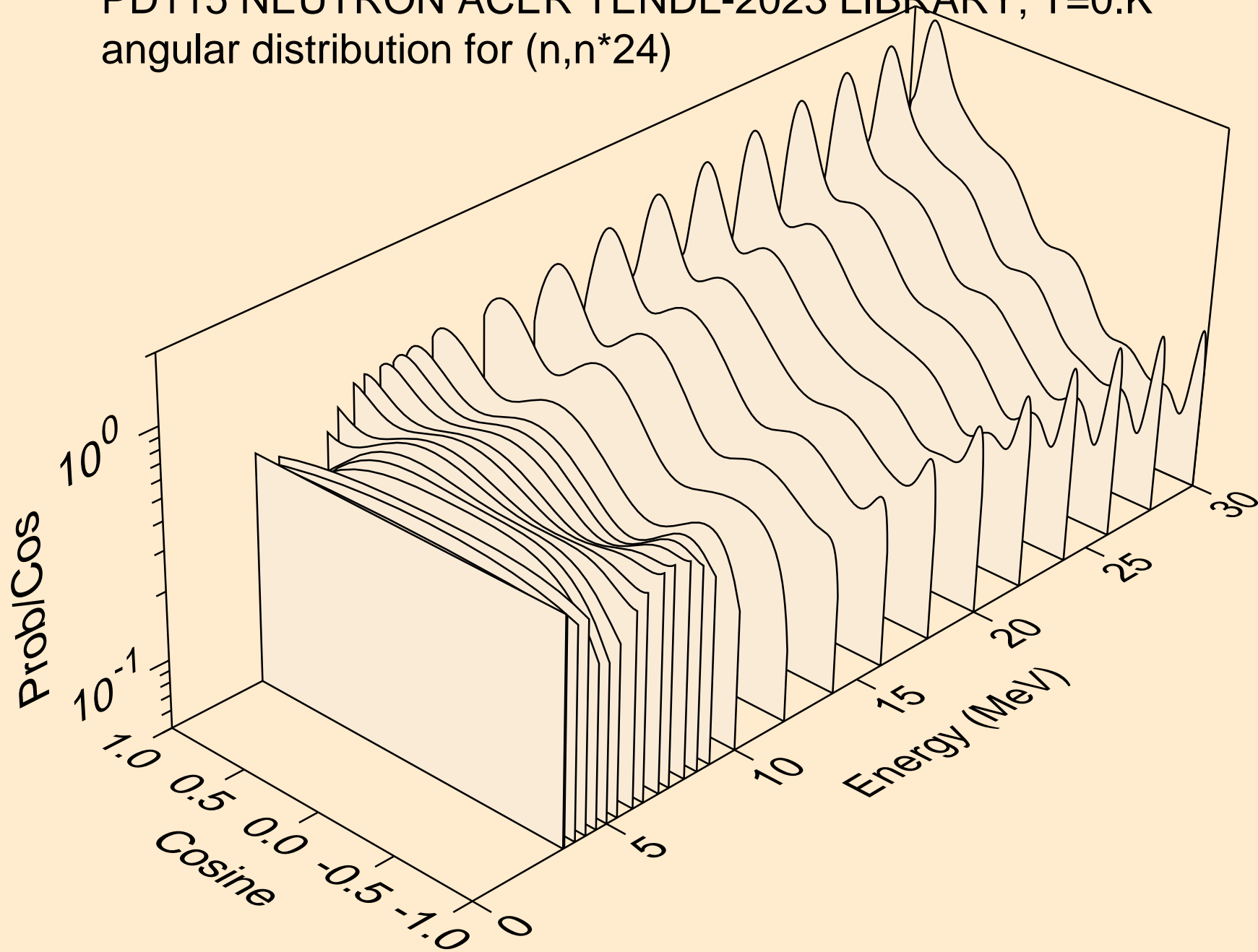
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angular distribution for (n,n\*22)



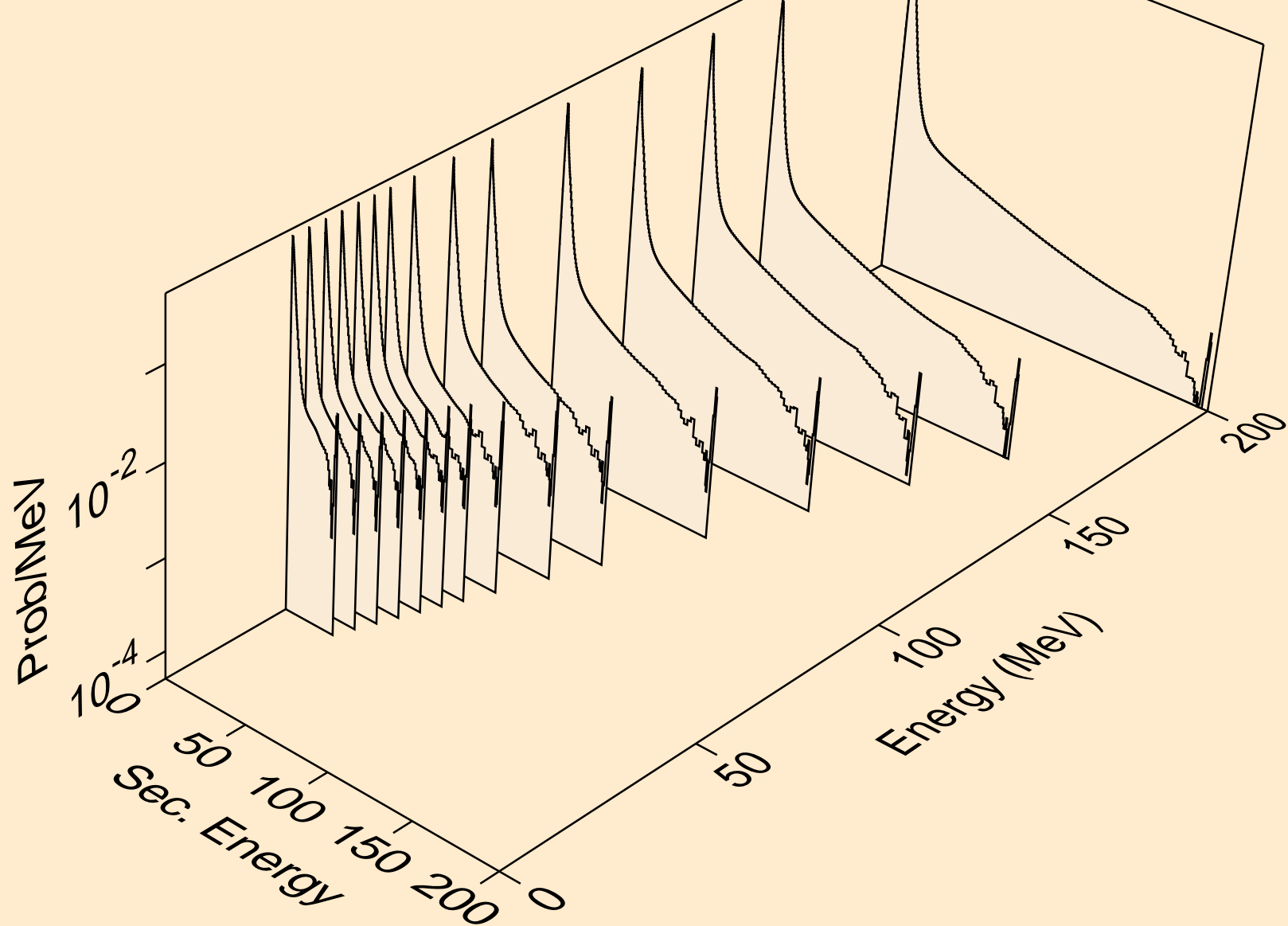
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angular distribution for (n,n\*23)



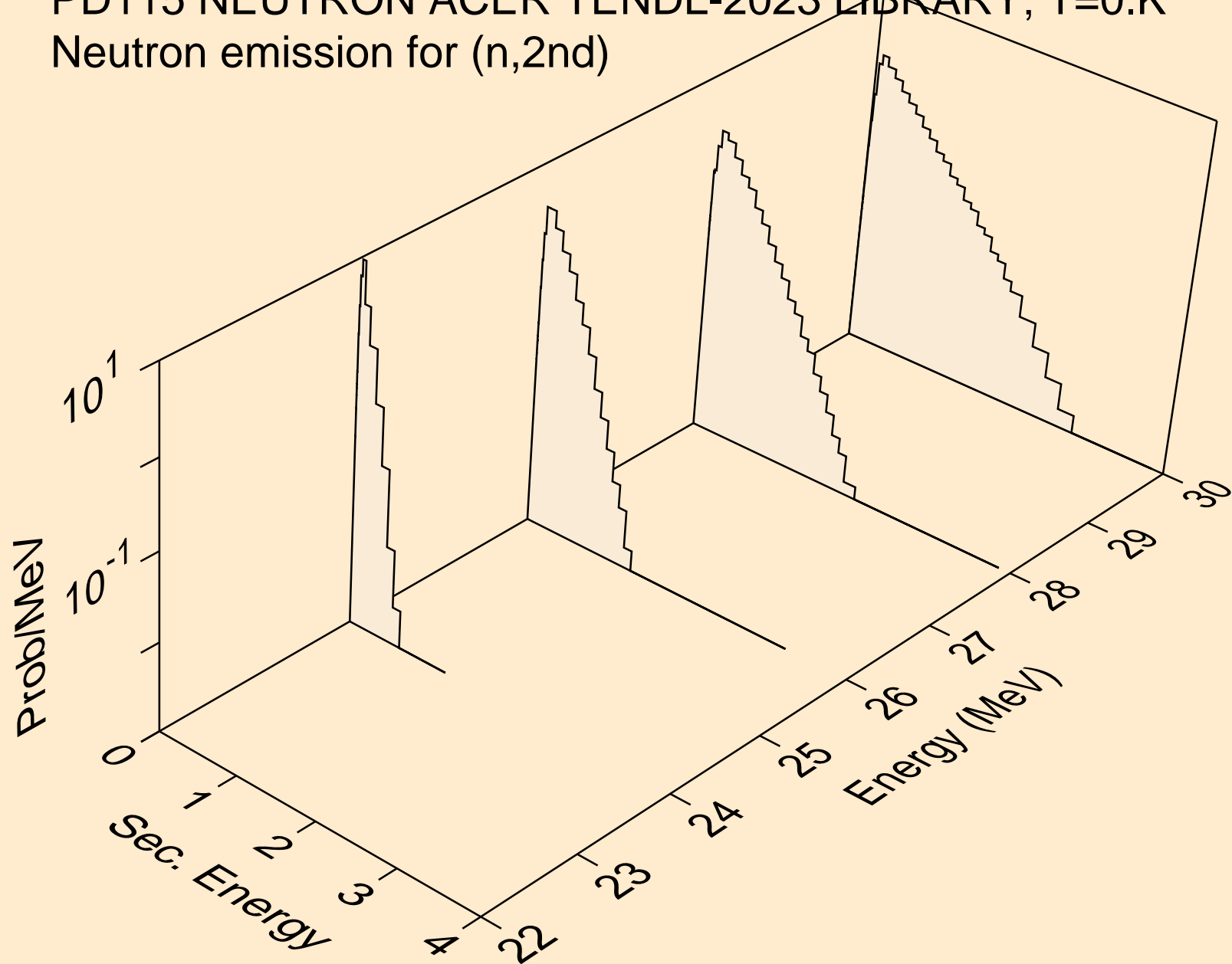
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angular distribution for (n,n\*24)



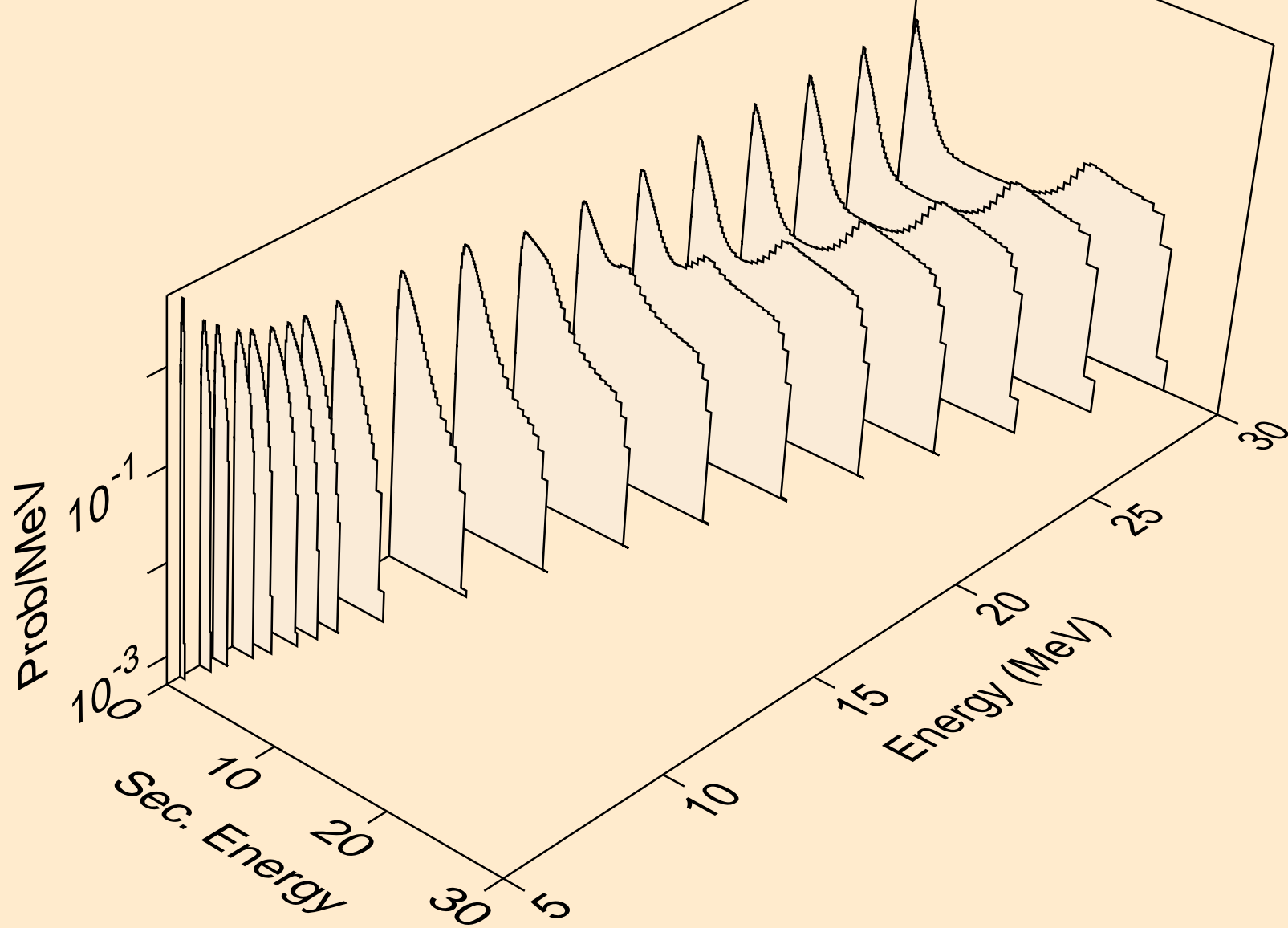
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Neutron emission for (n,x)



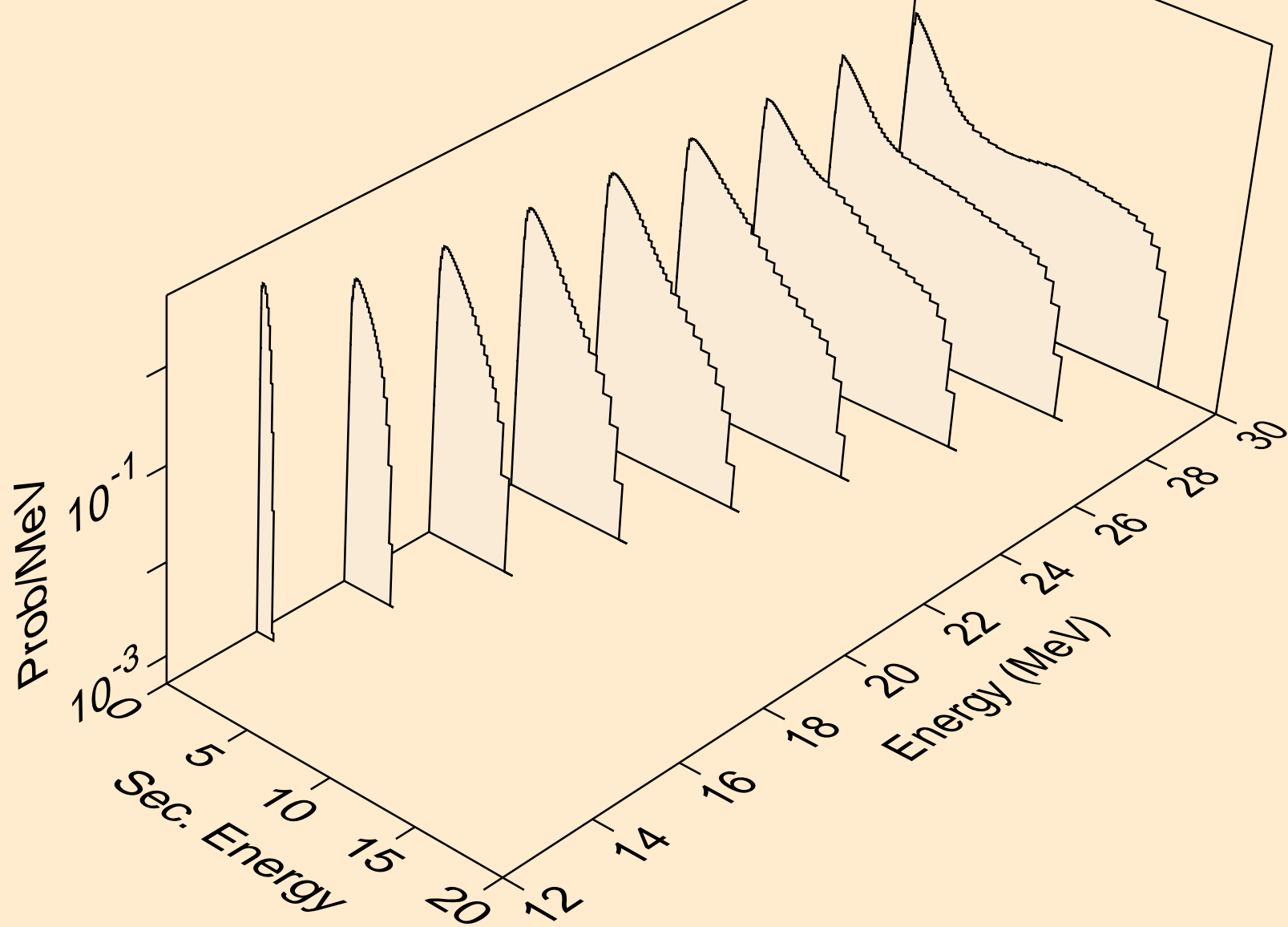
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

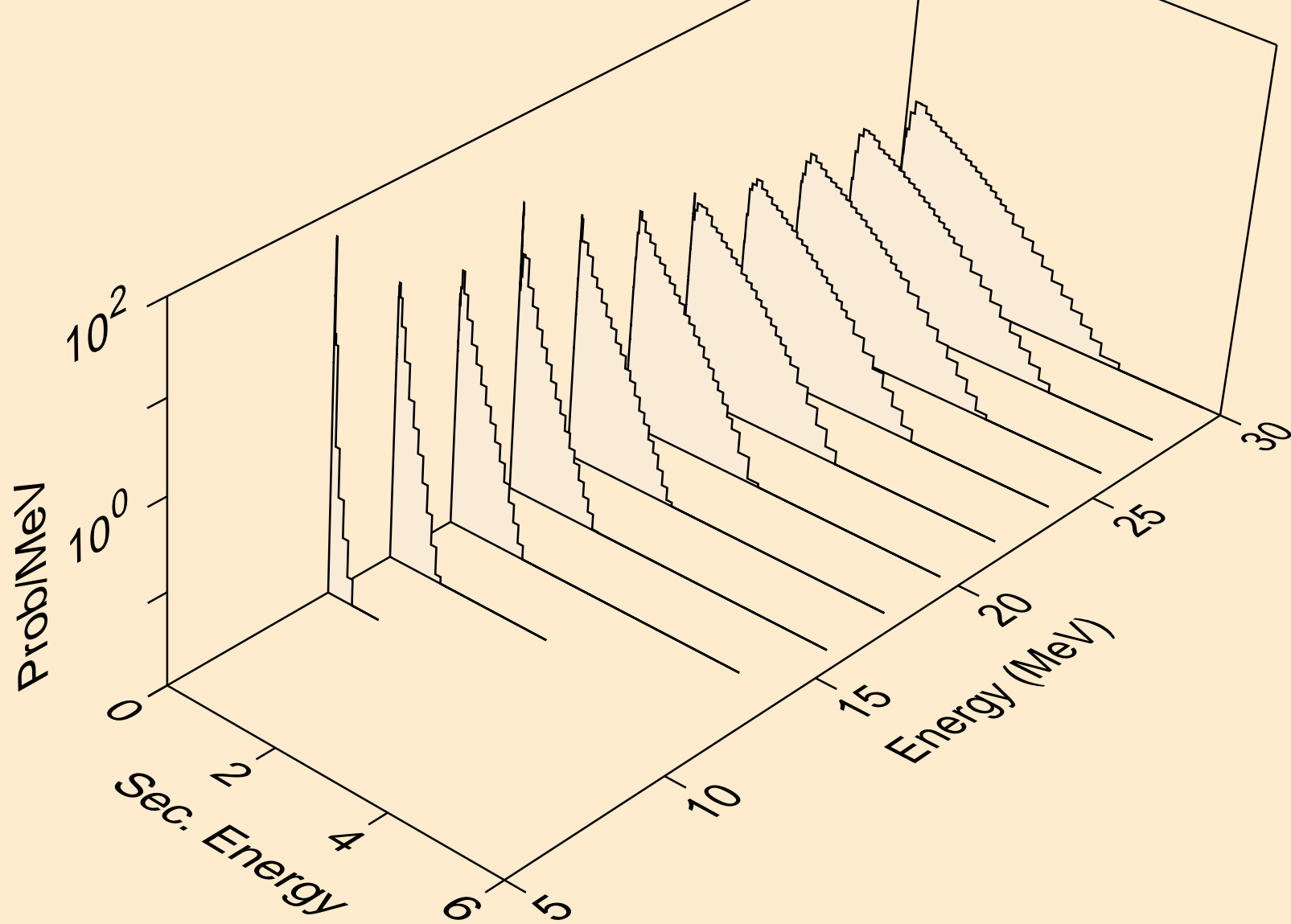


PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

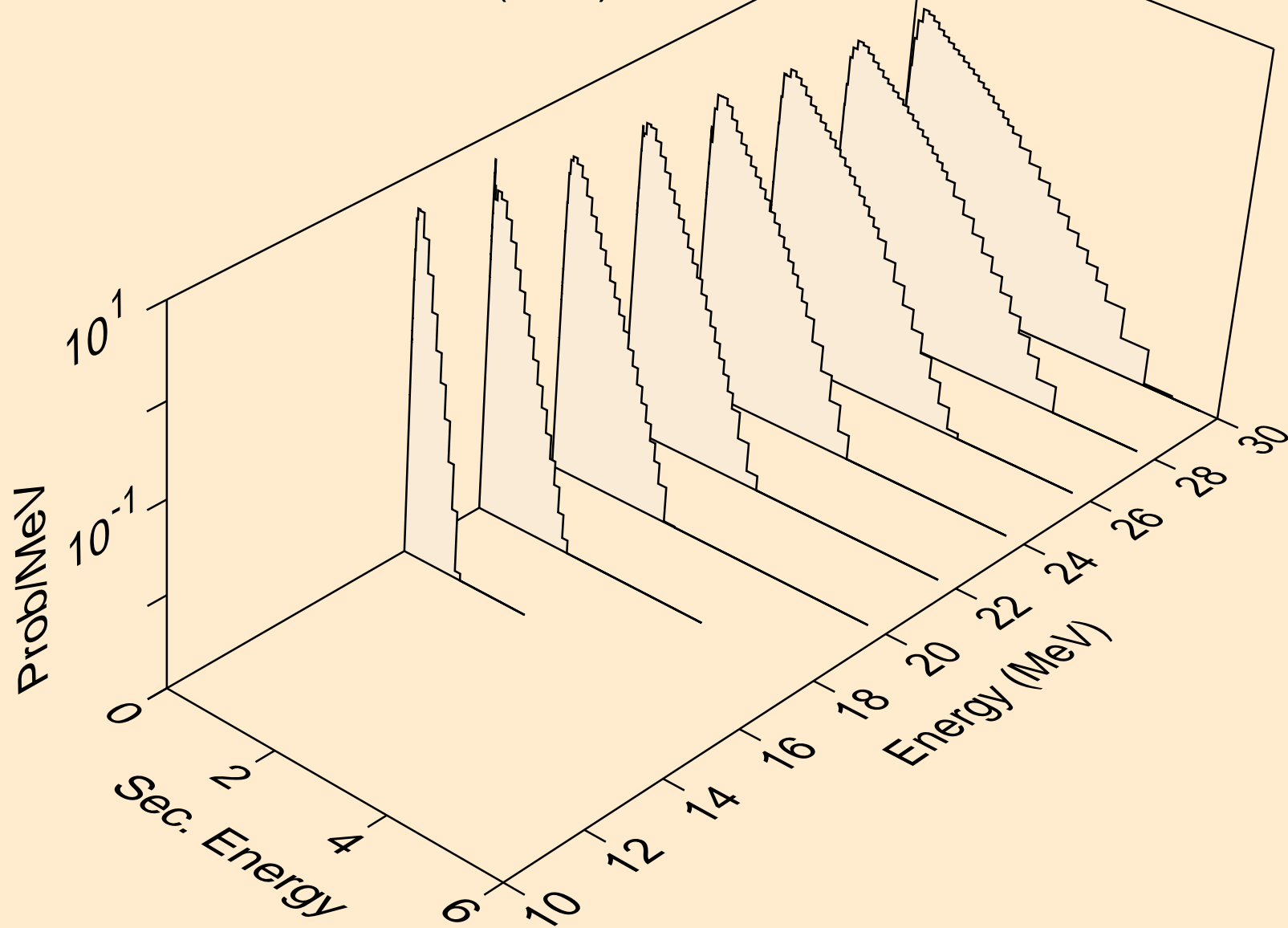




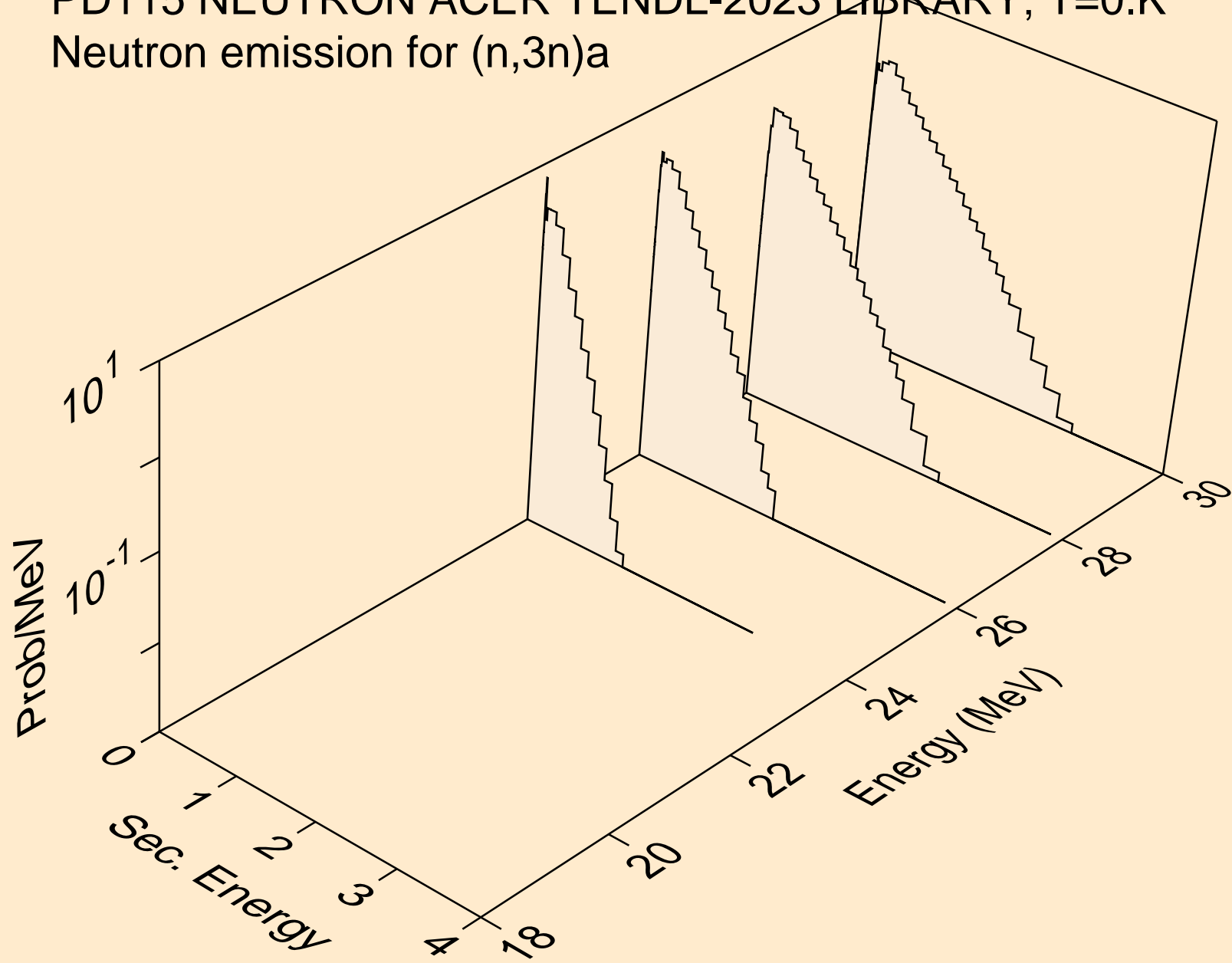
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



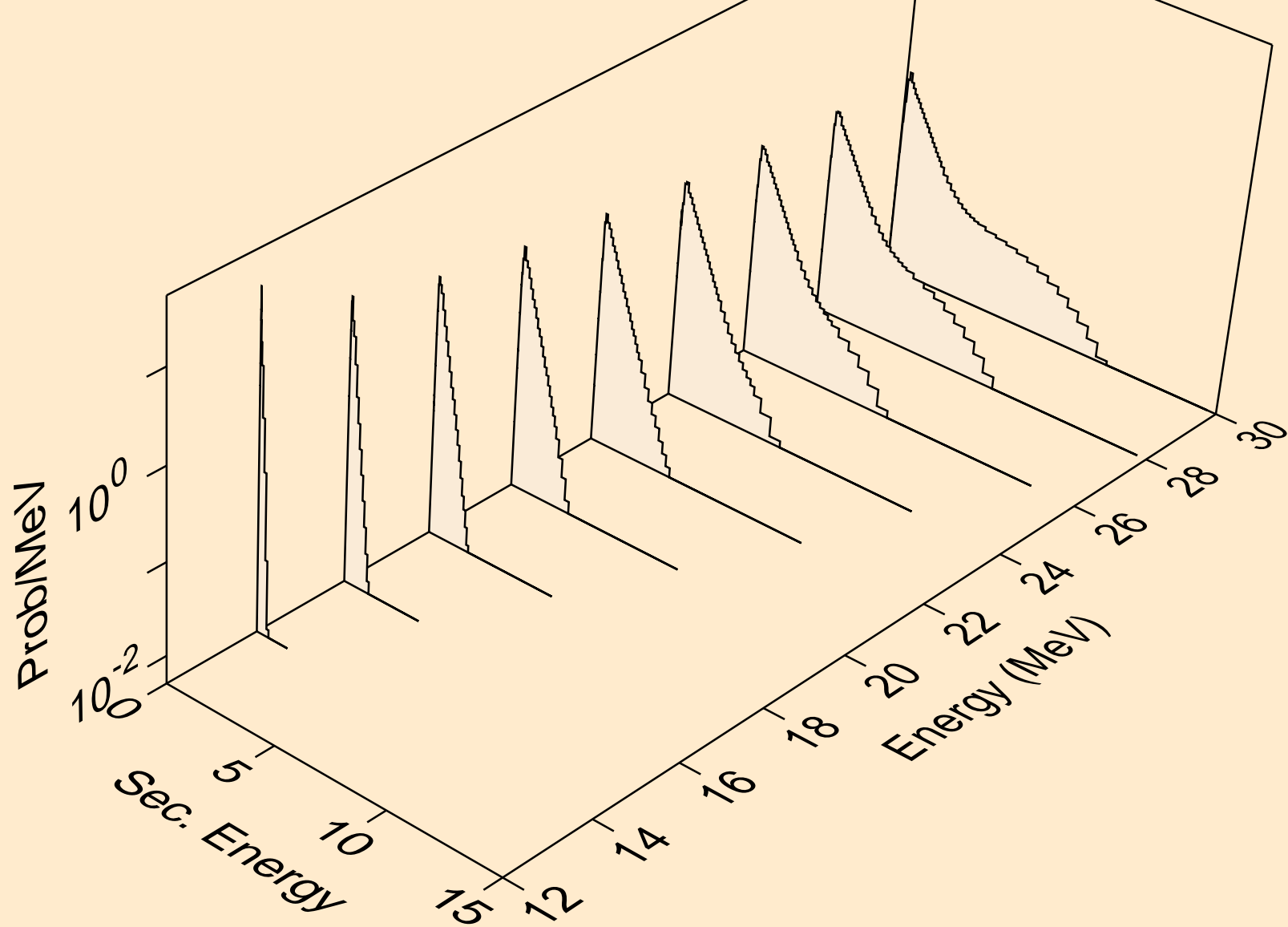
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



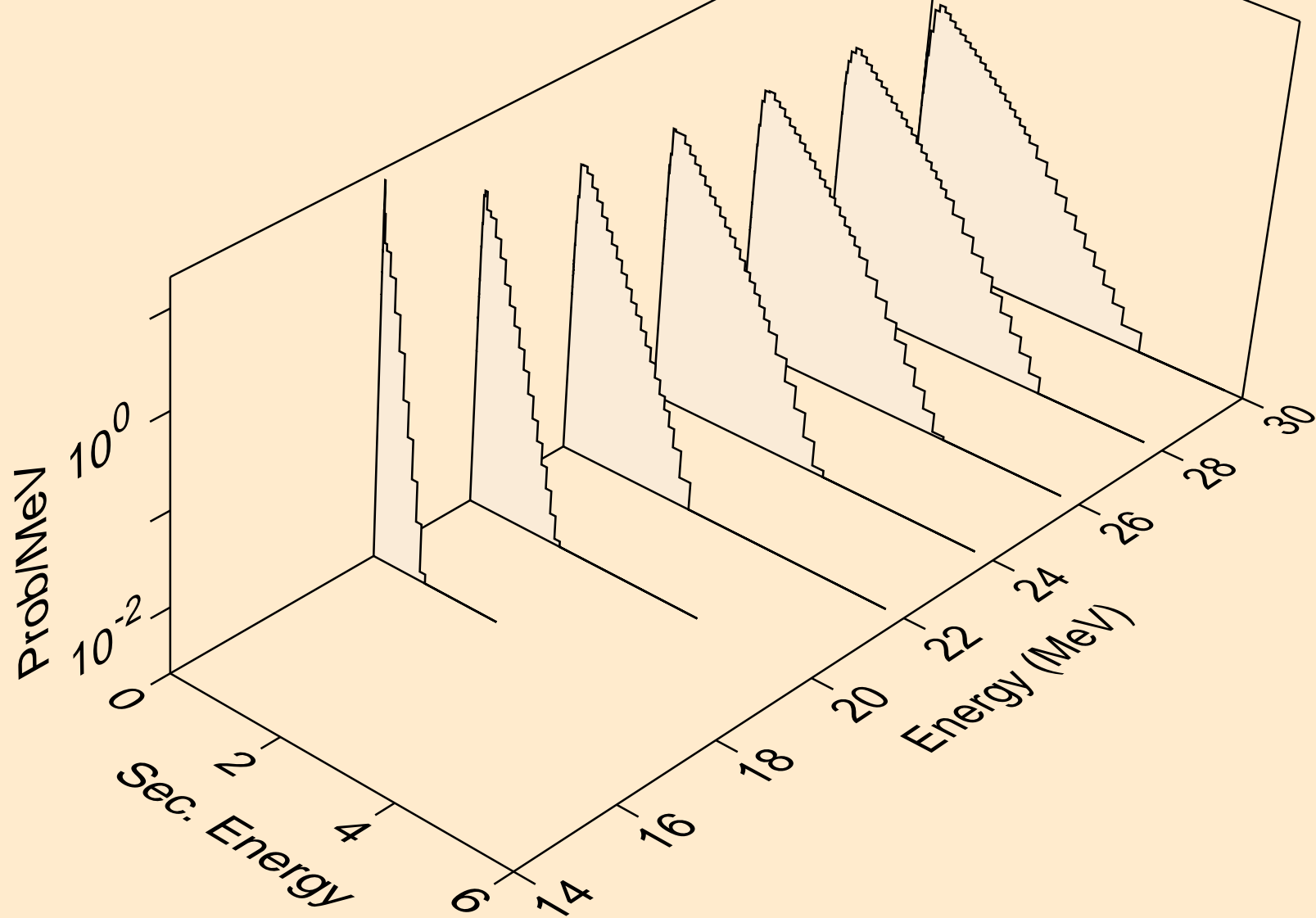
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



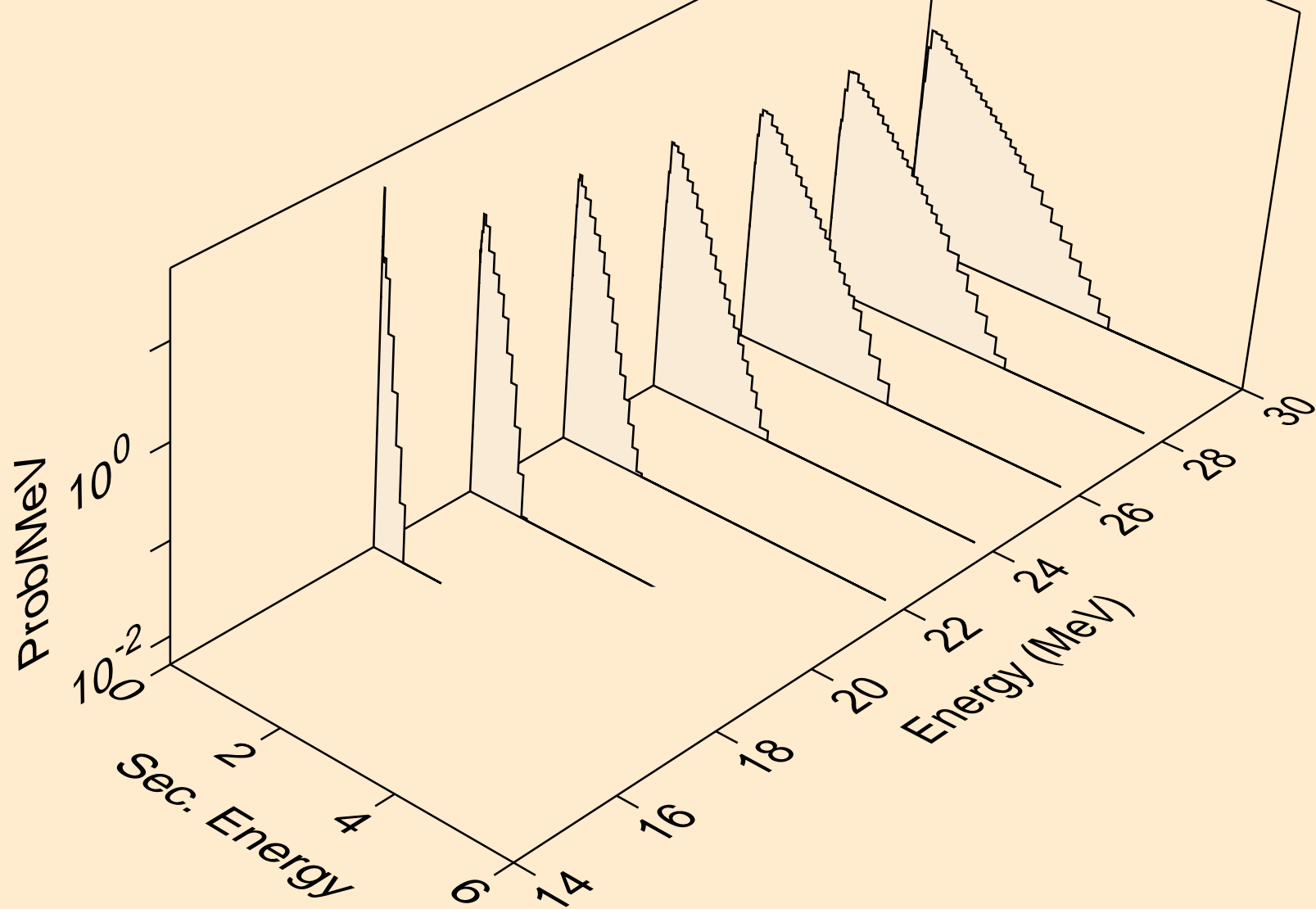
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



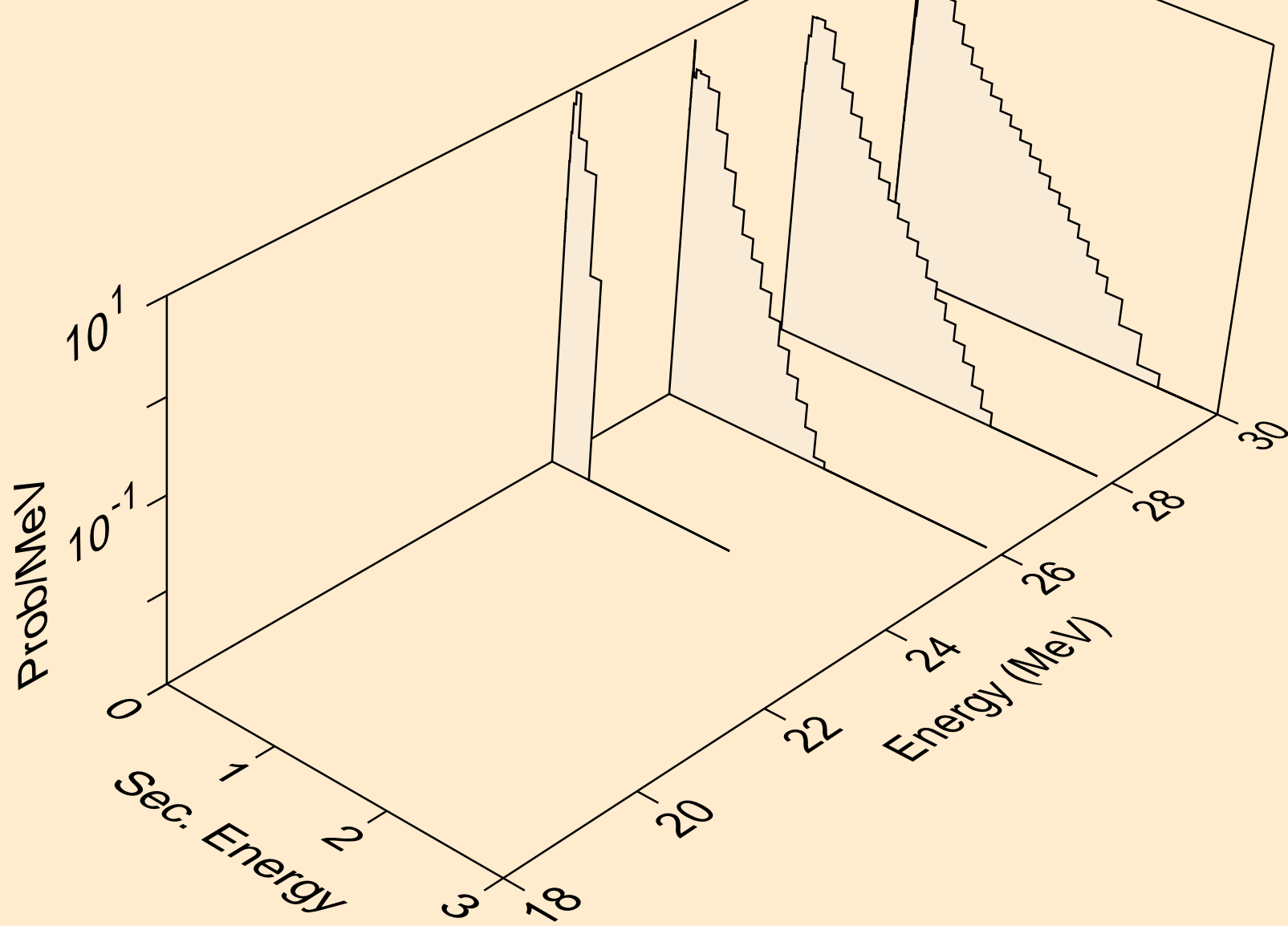
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



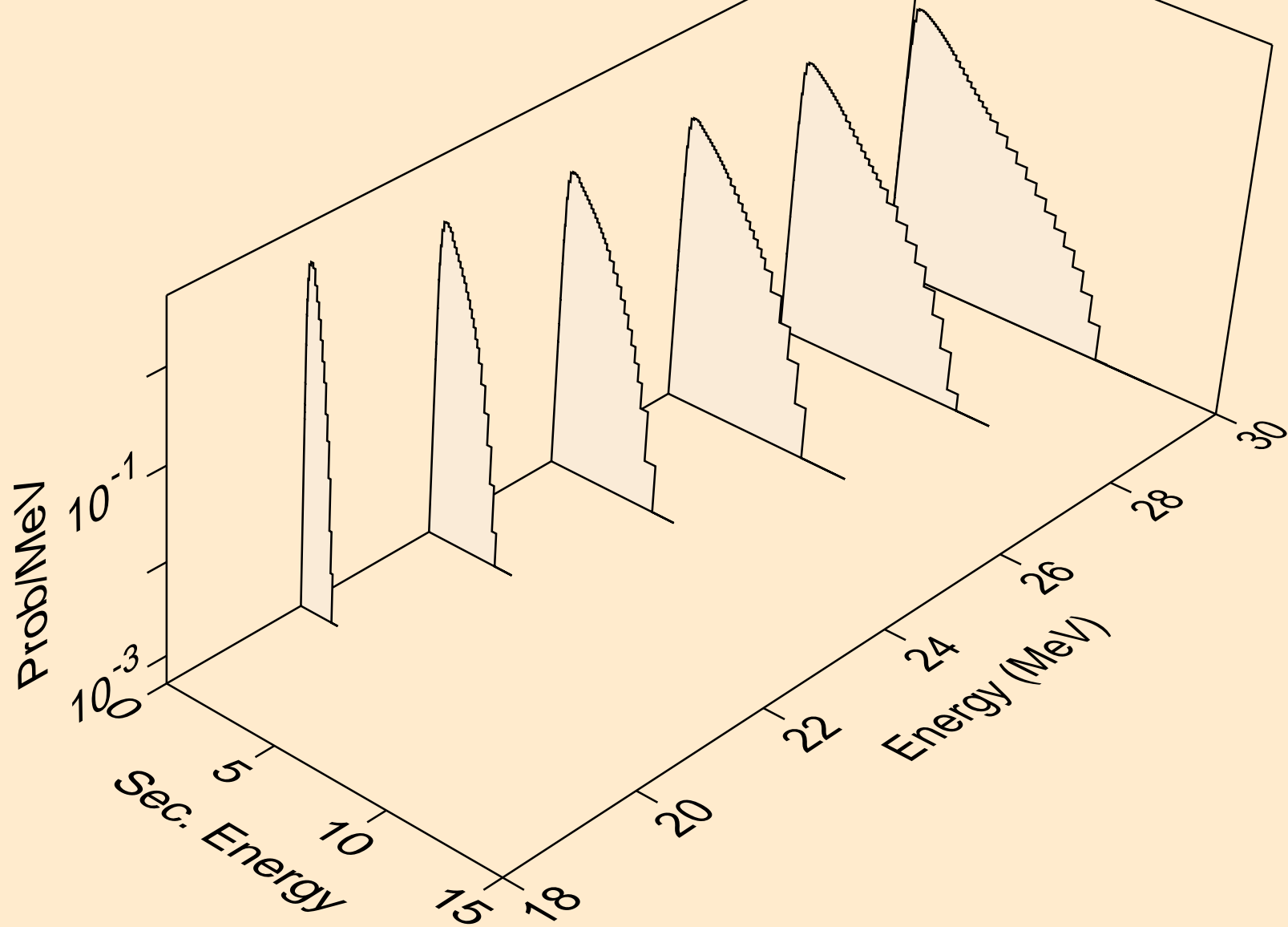
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

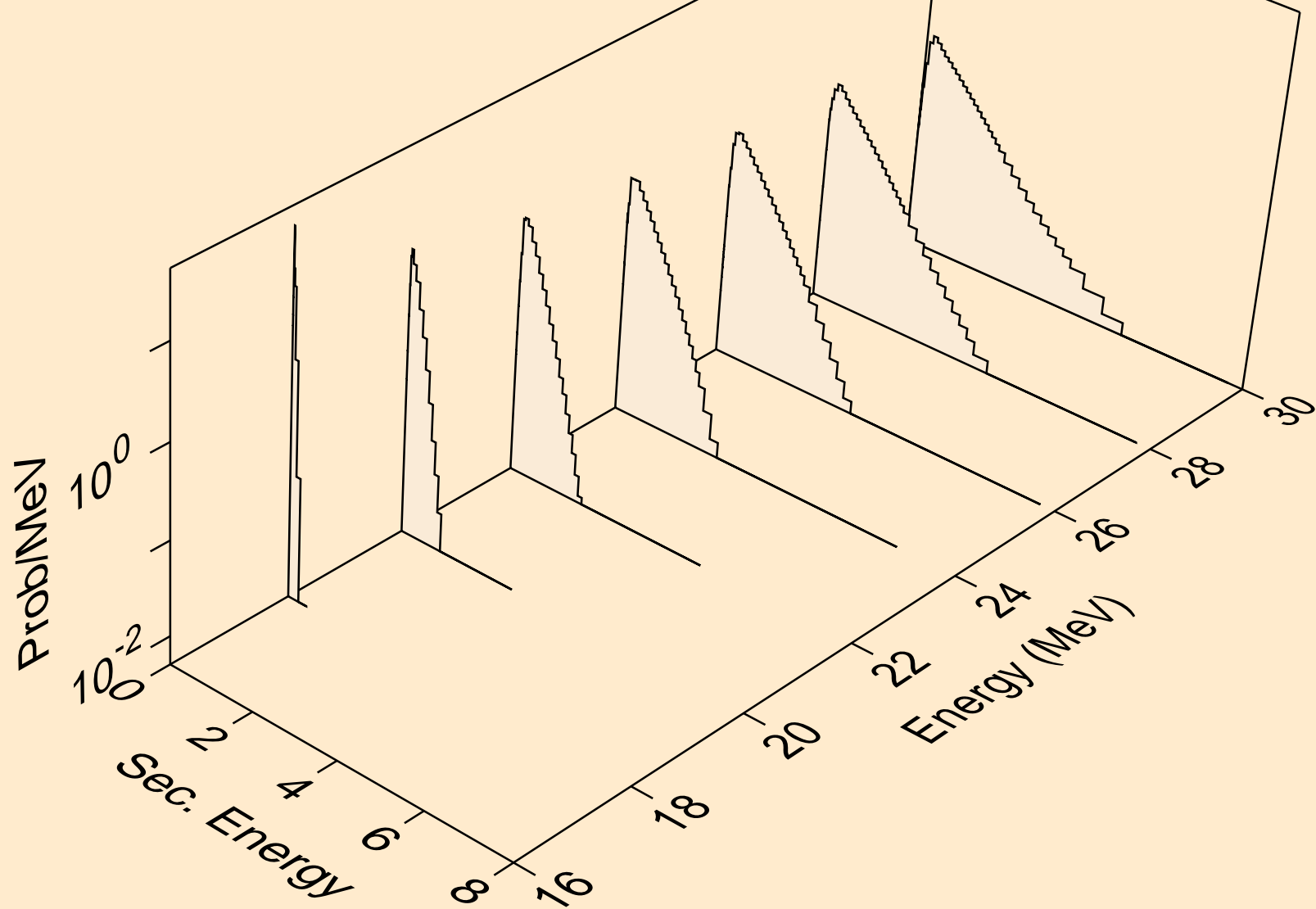


PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

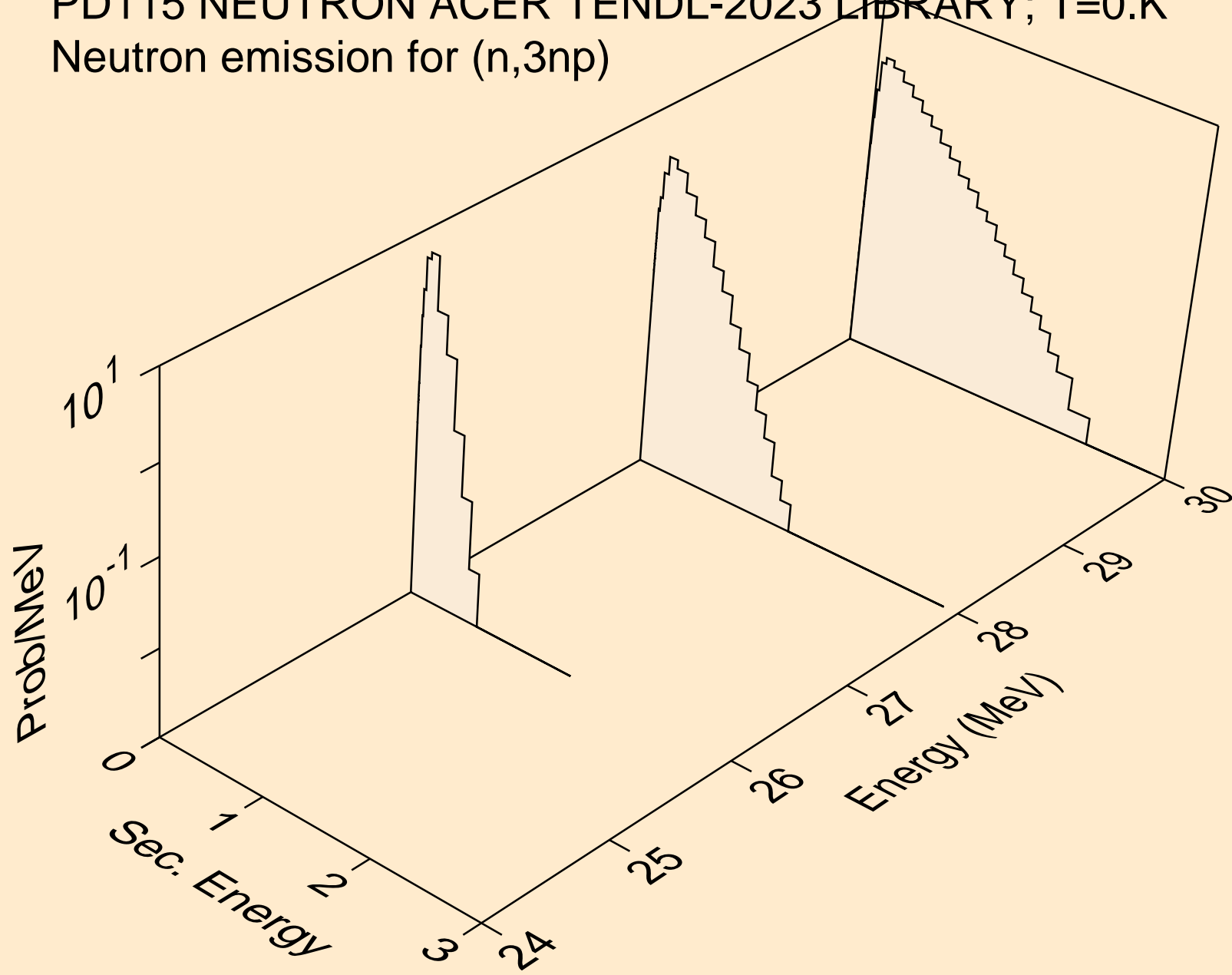




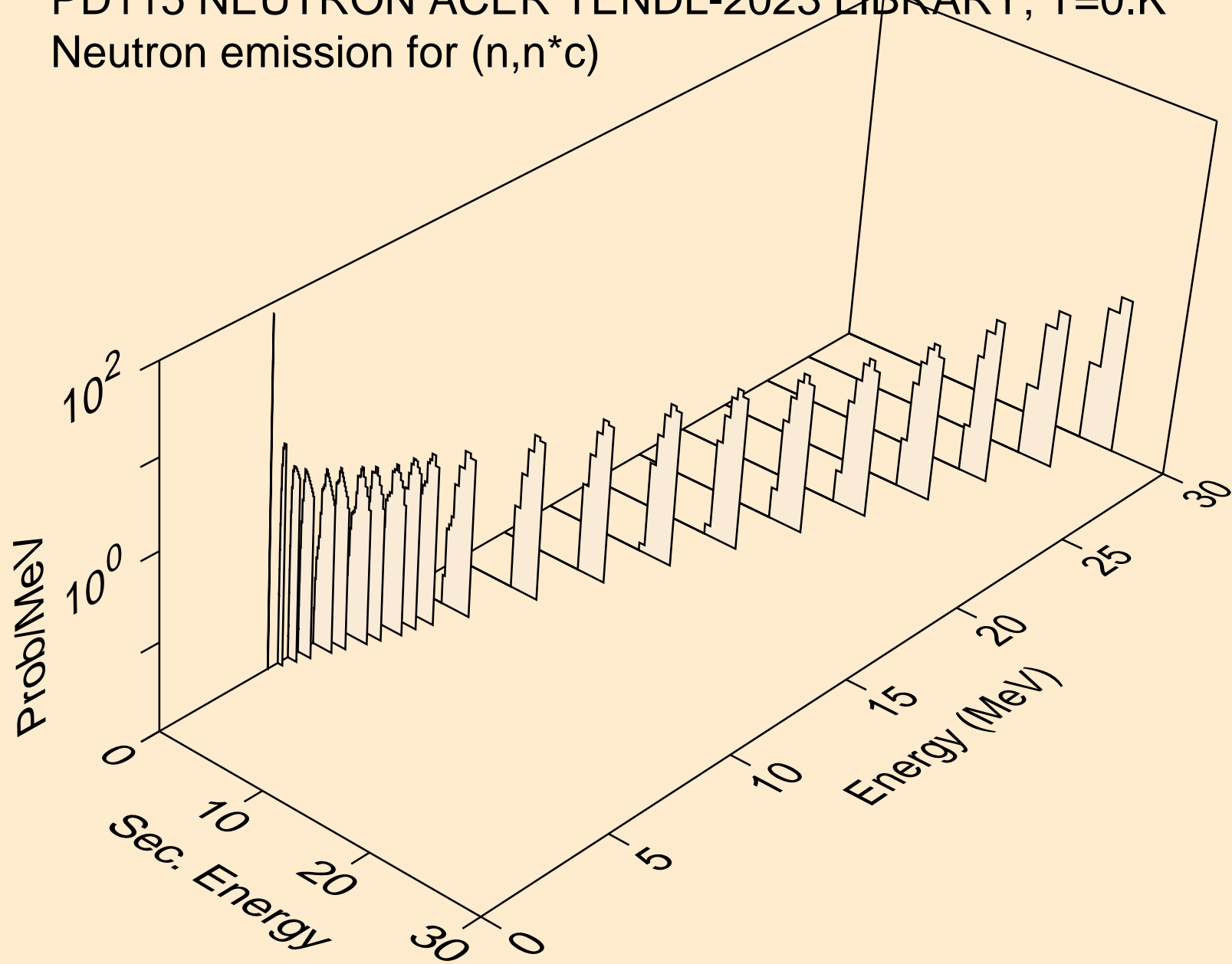
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



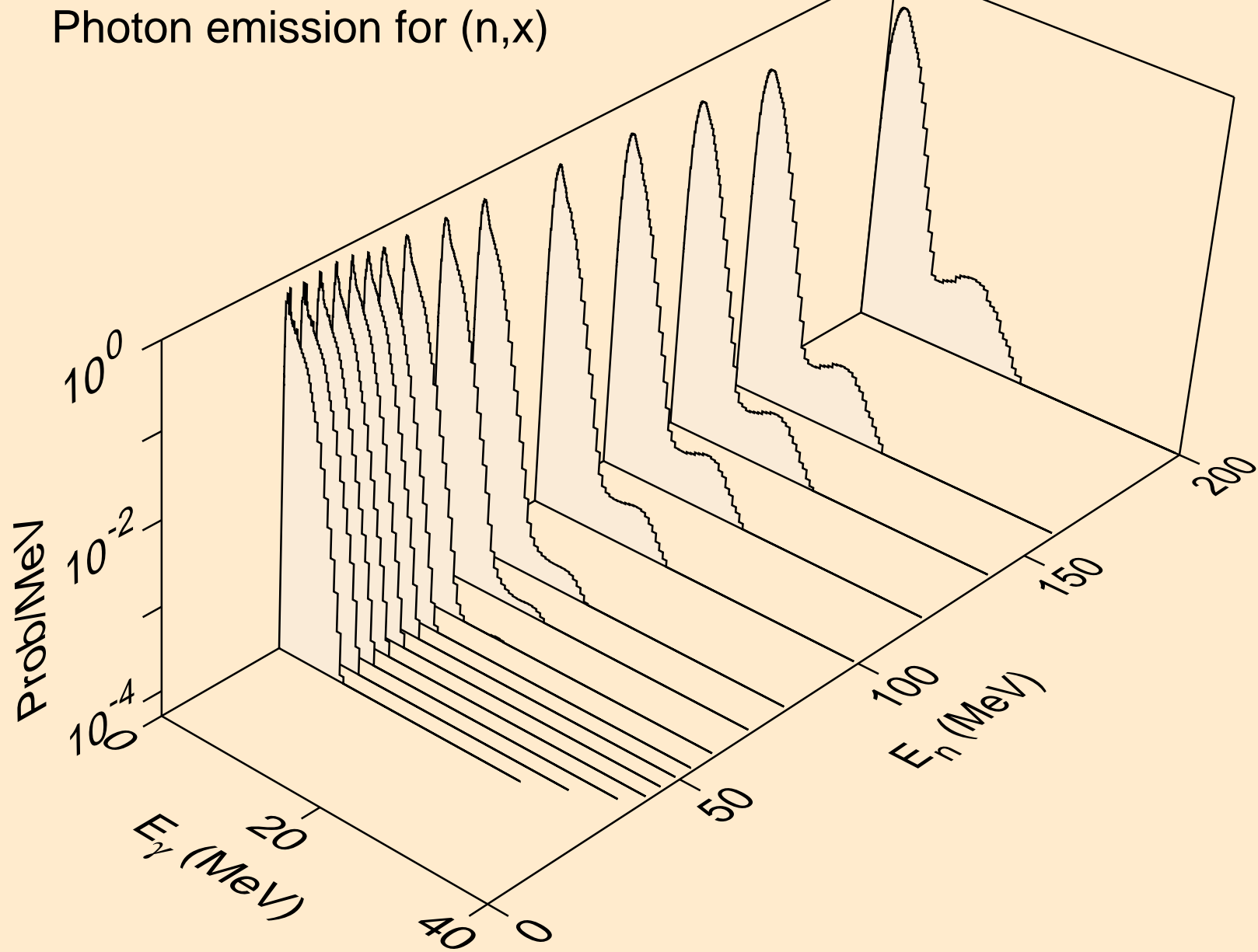
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



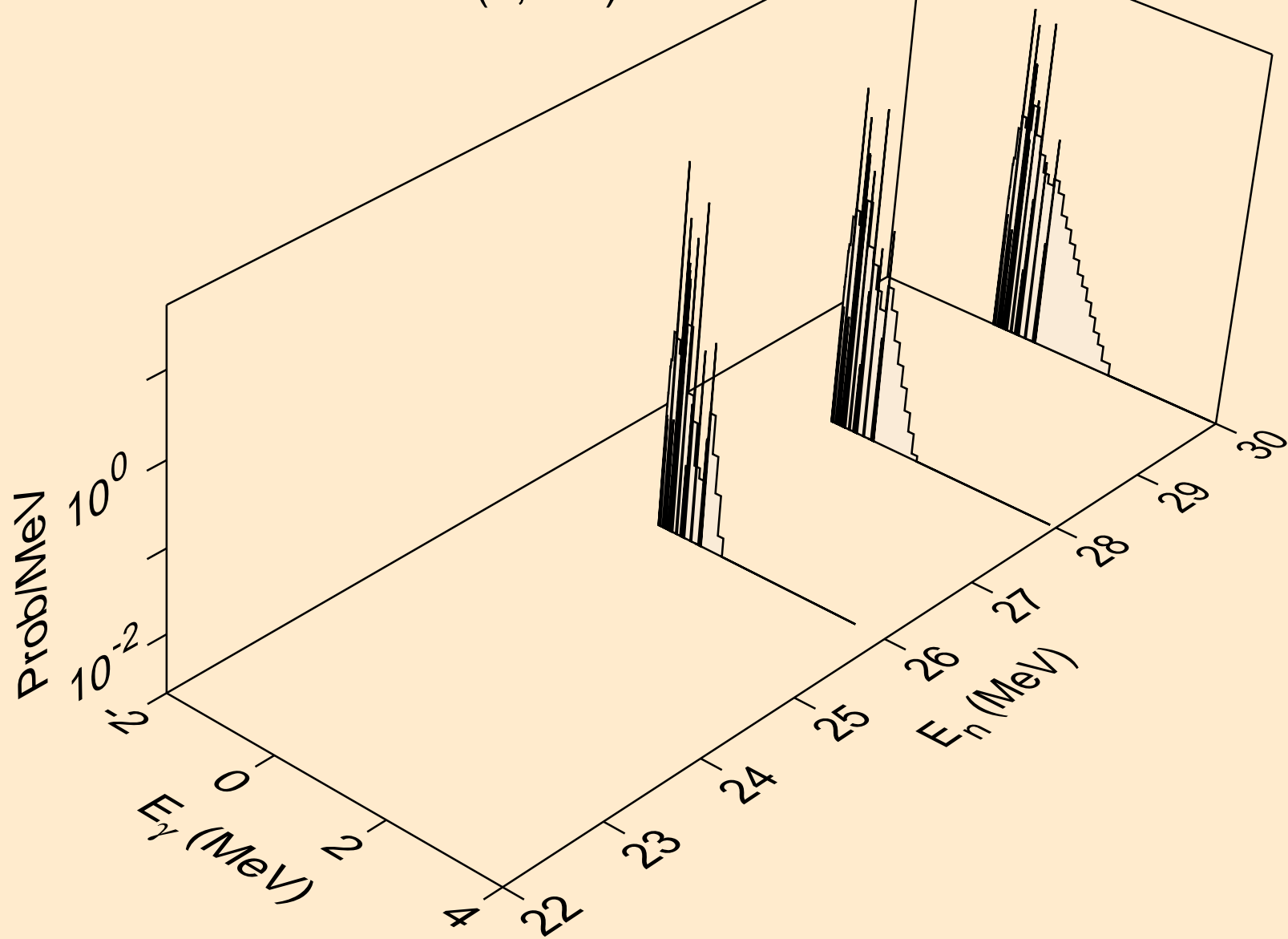
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



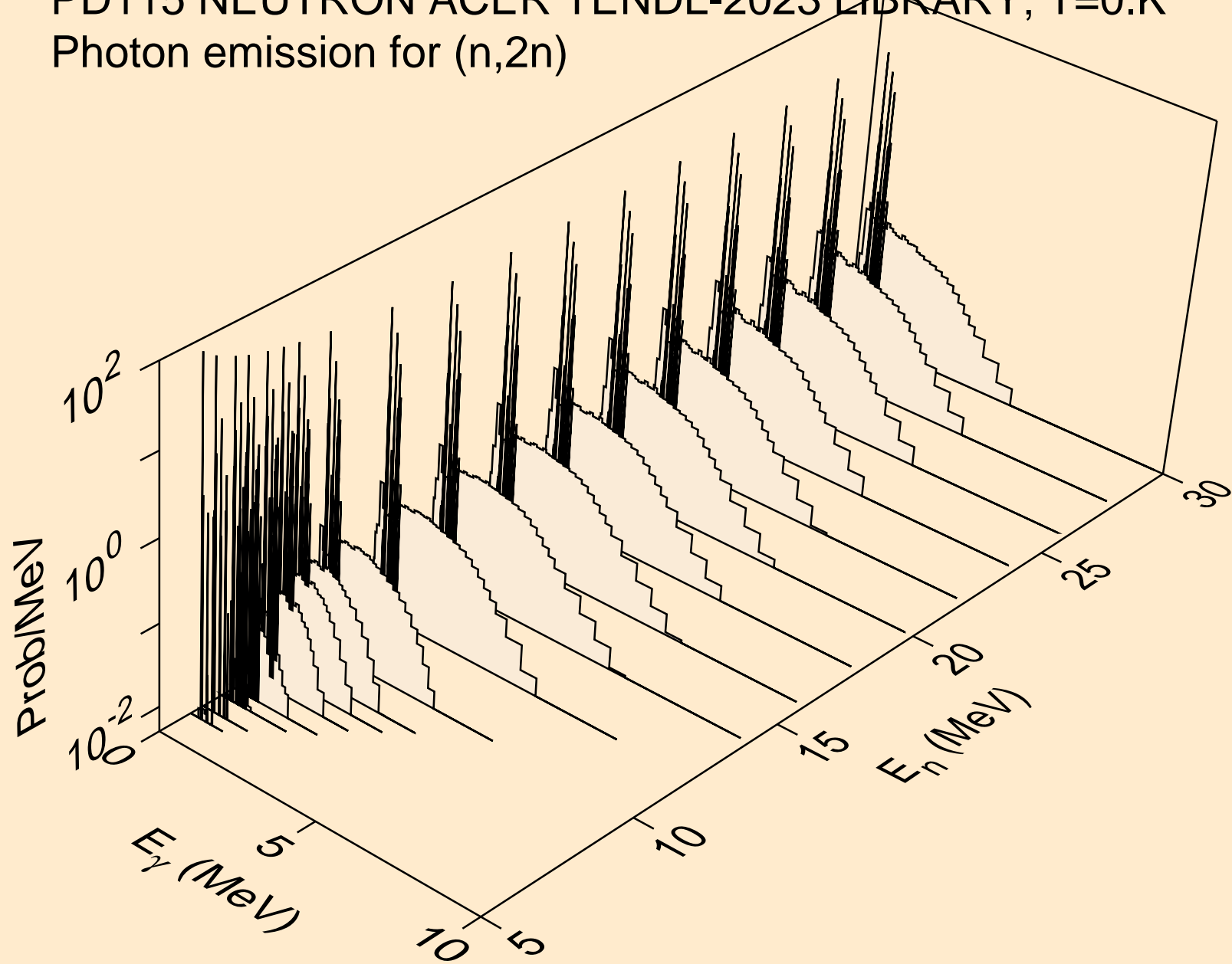
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



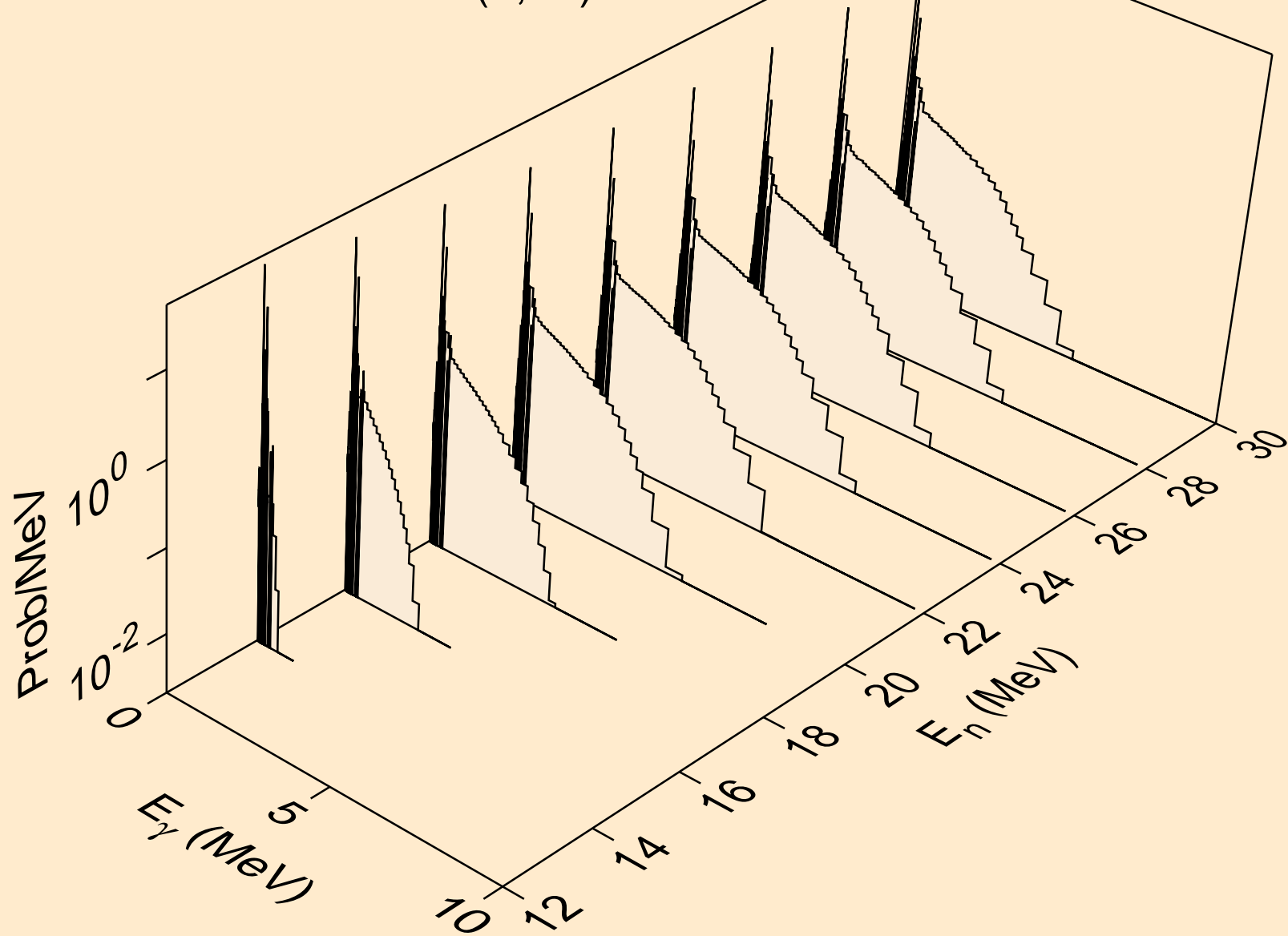
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



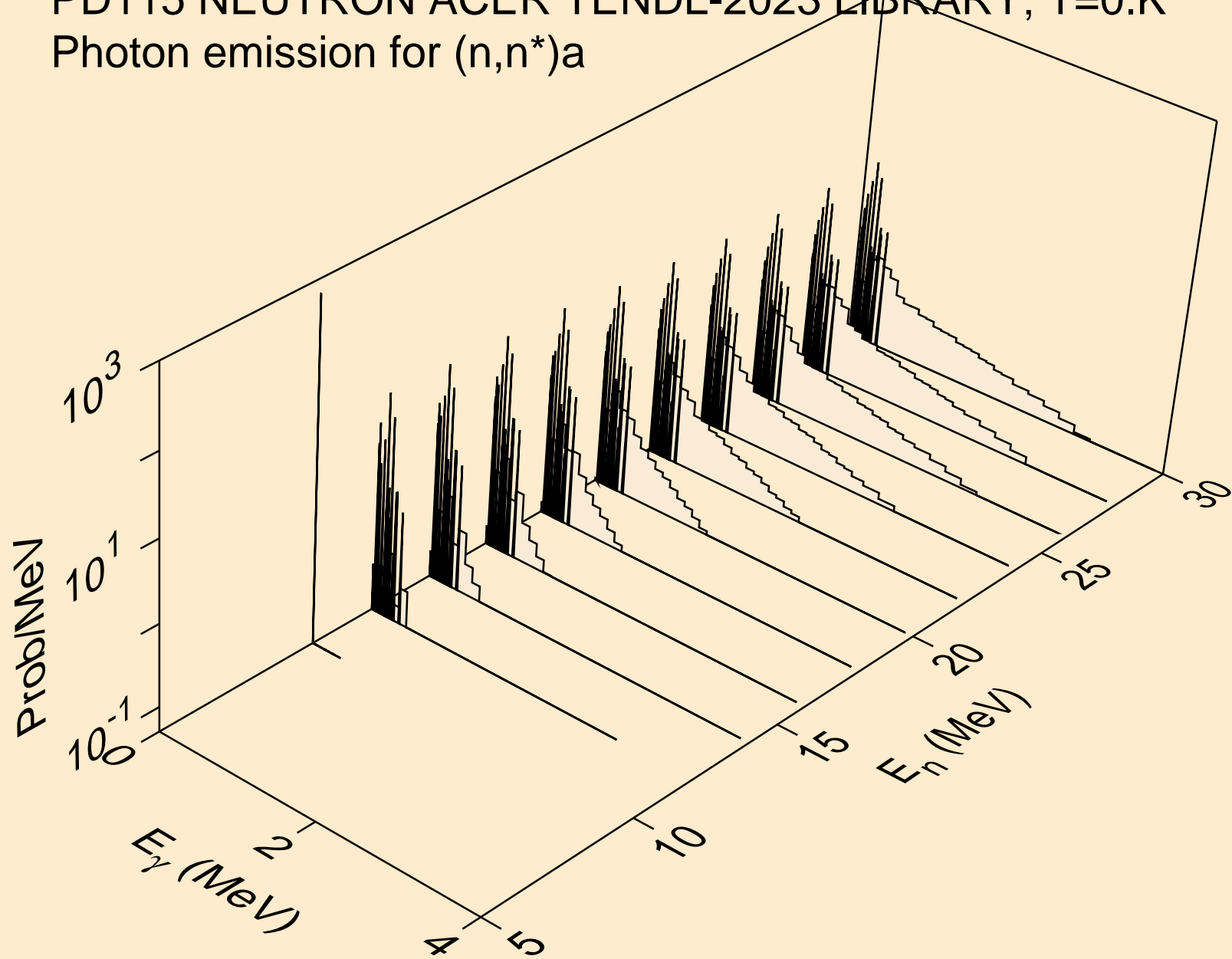
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

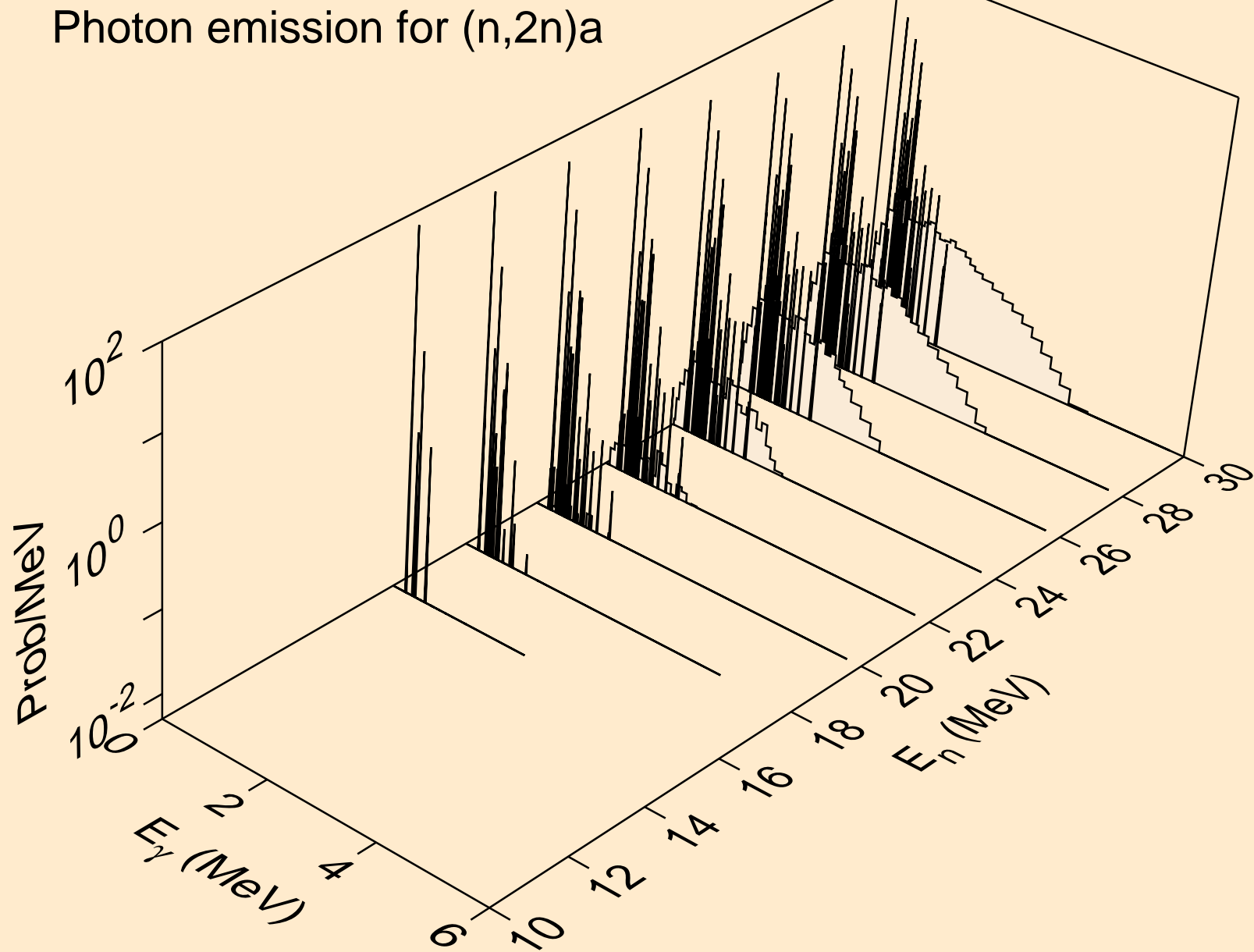


PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

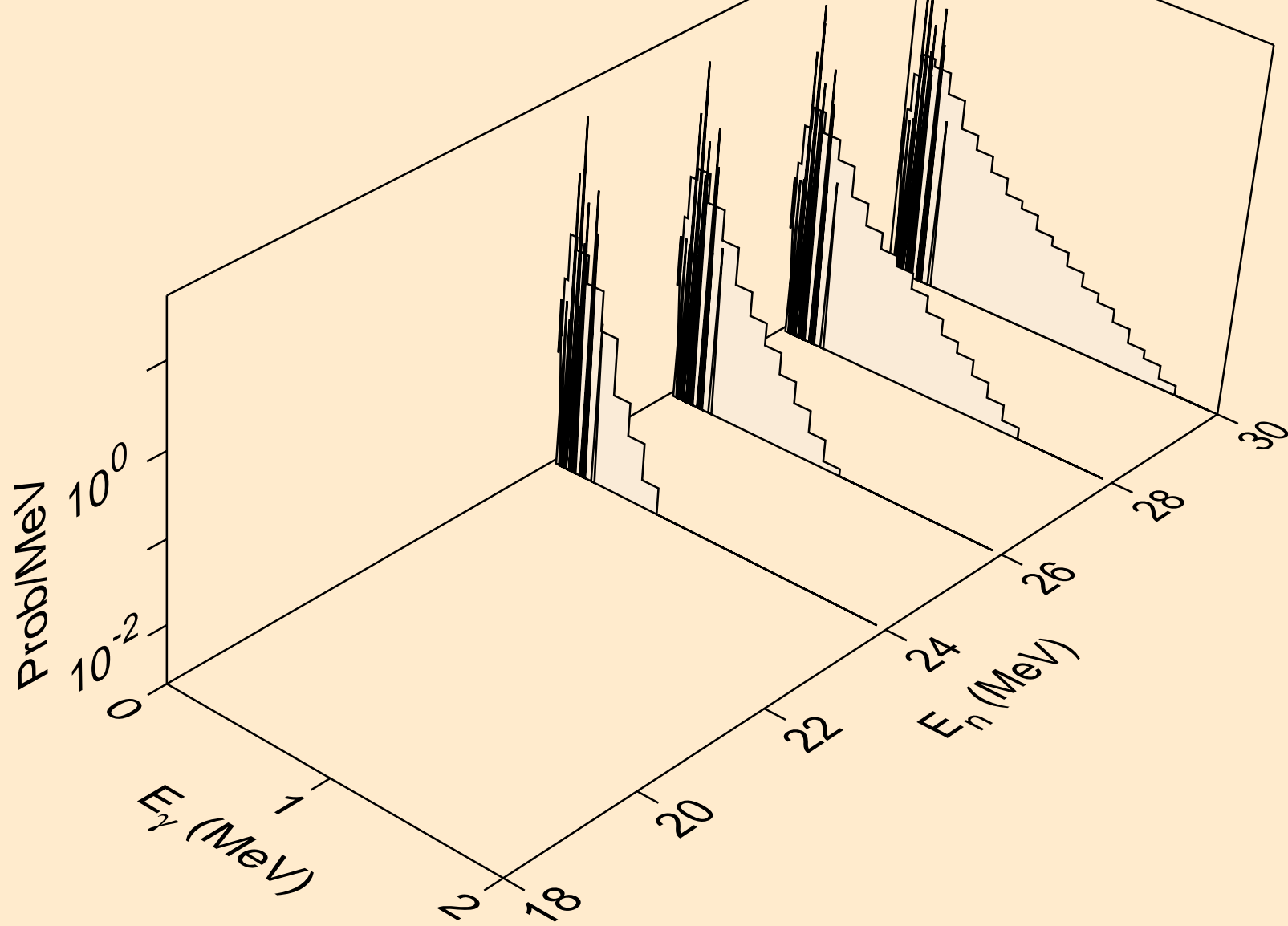




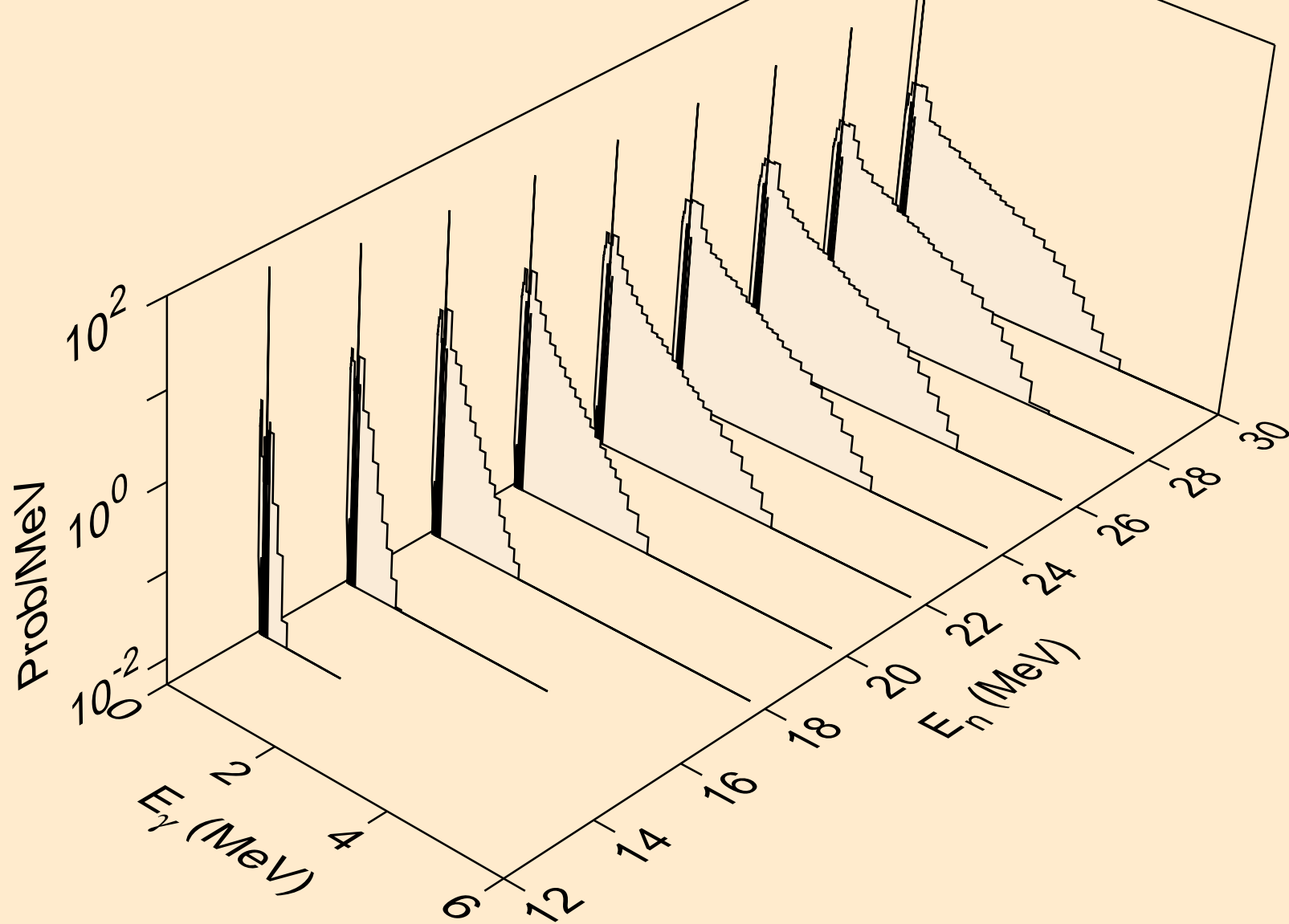
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



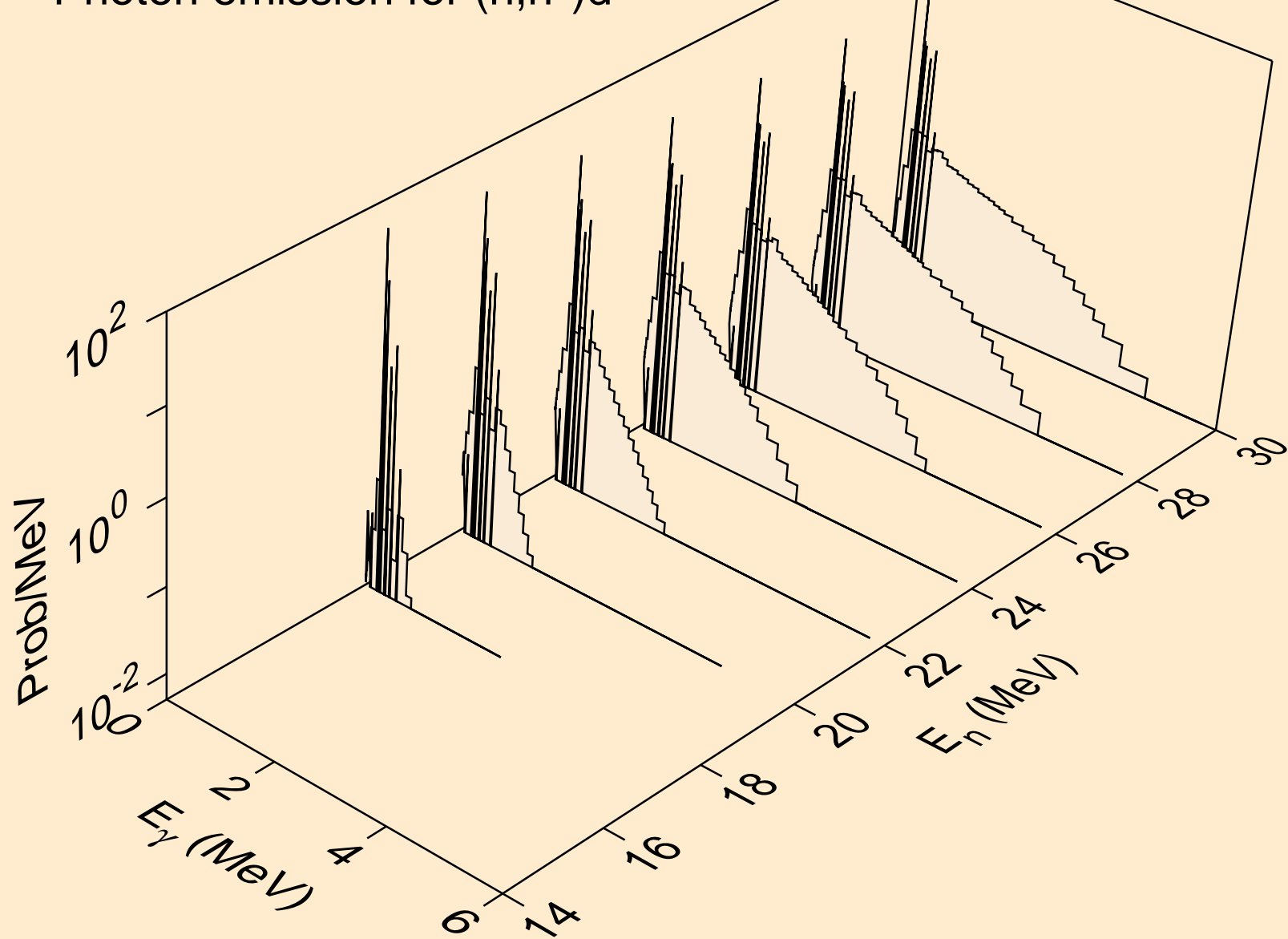
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



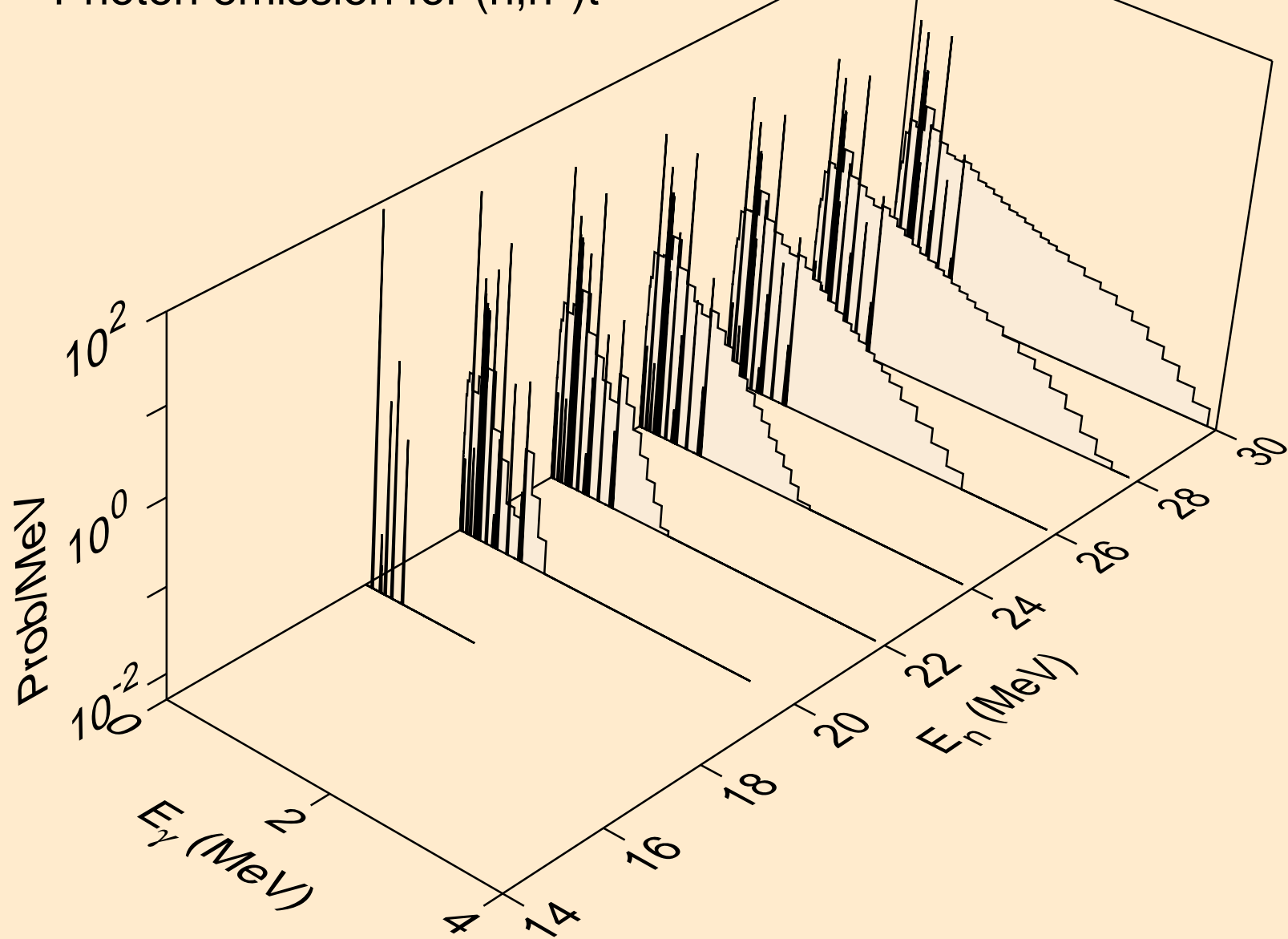
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



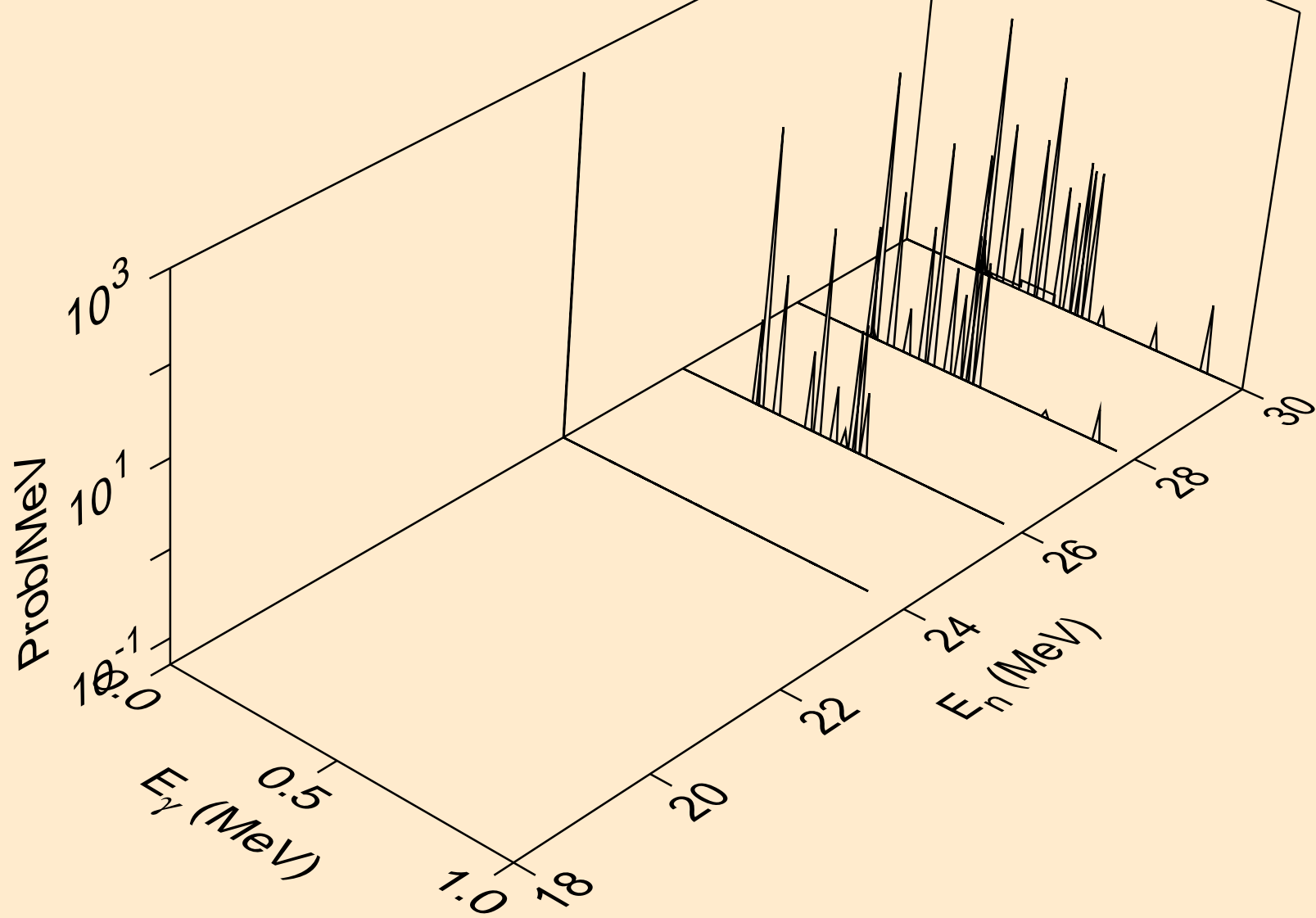
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



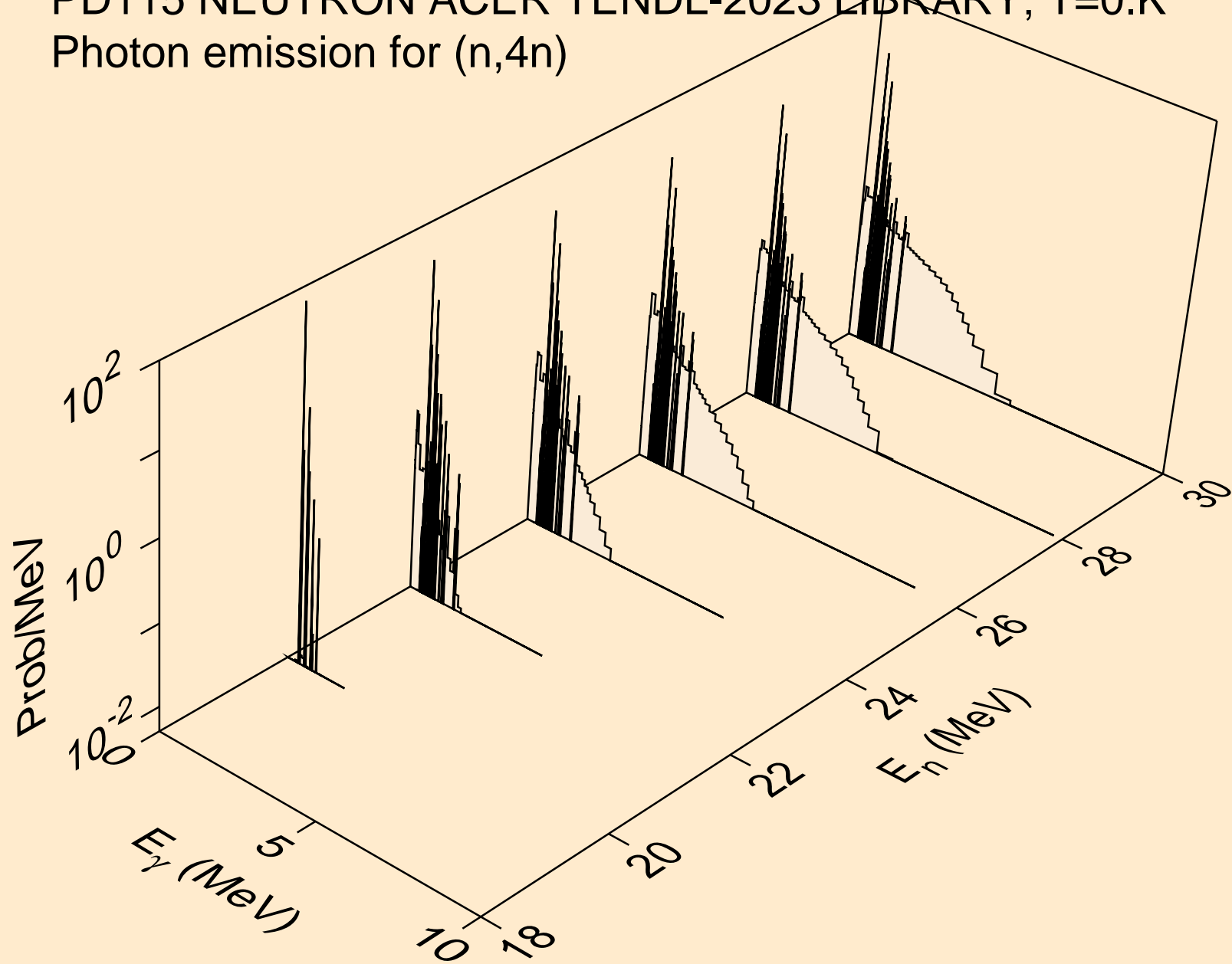
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



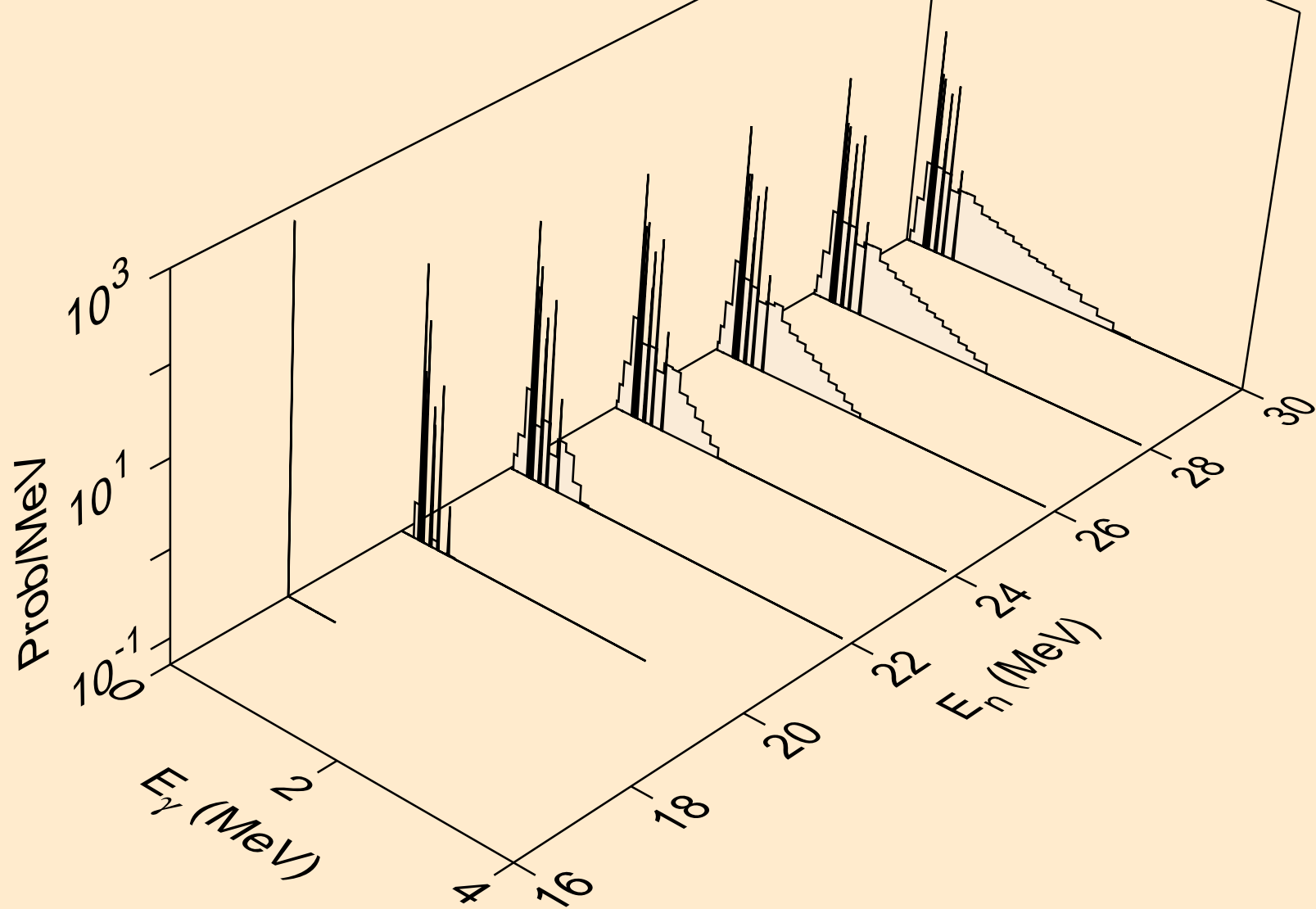
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

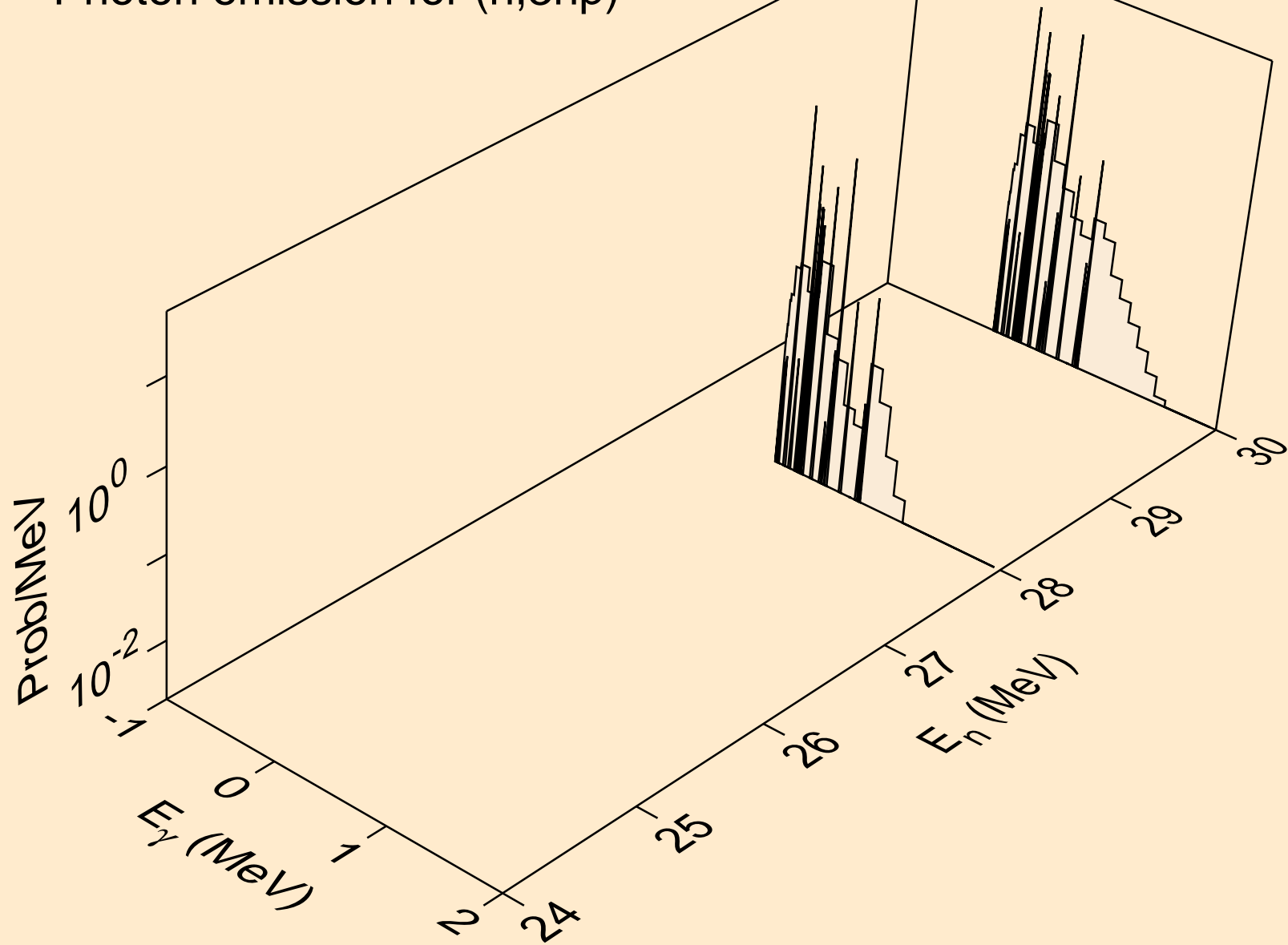


PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

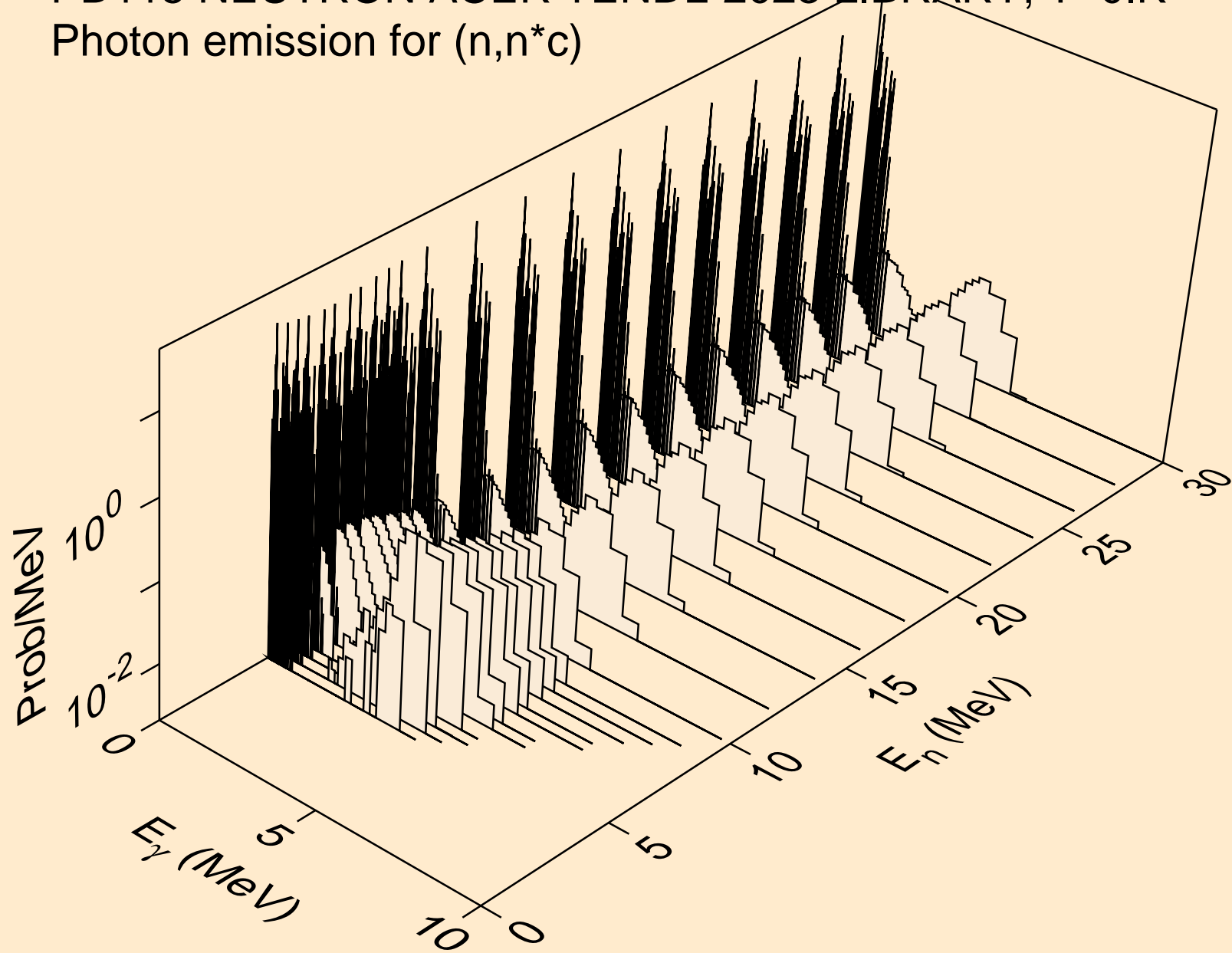




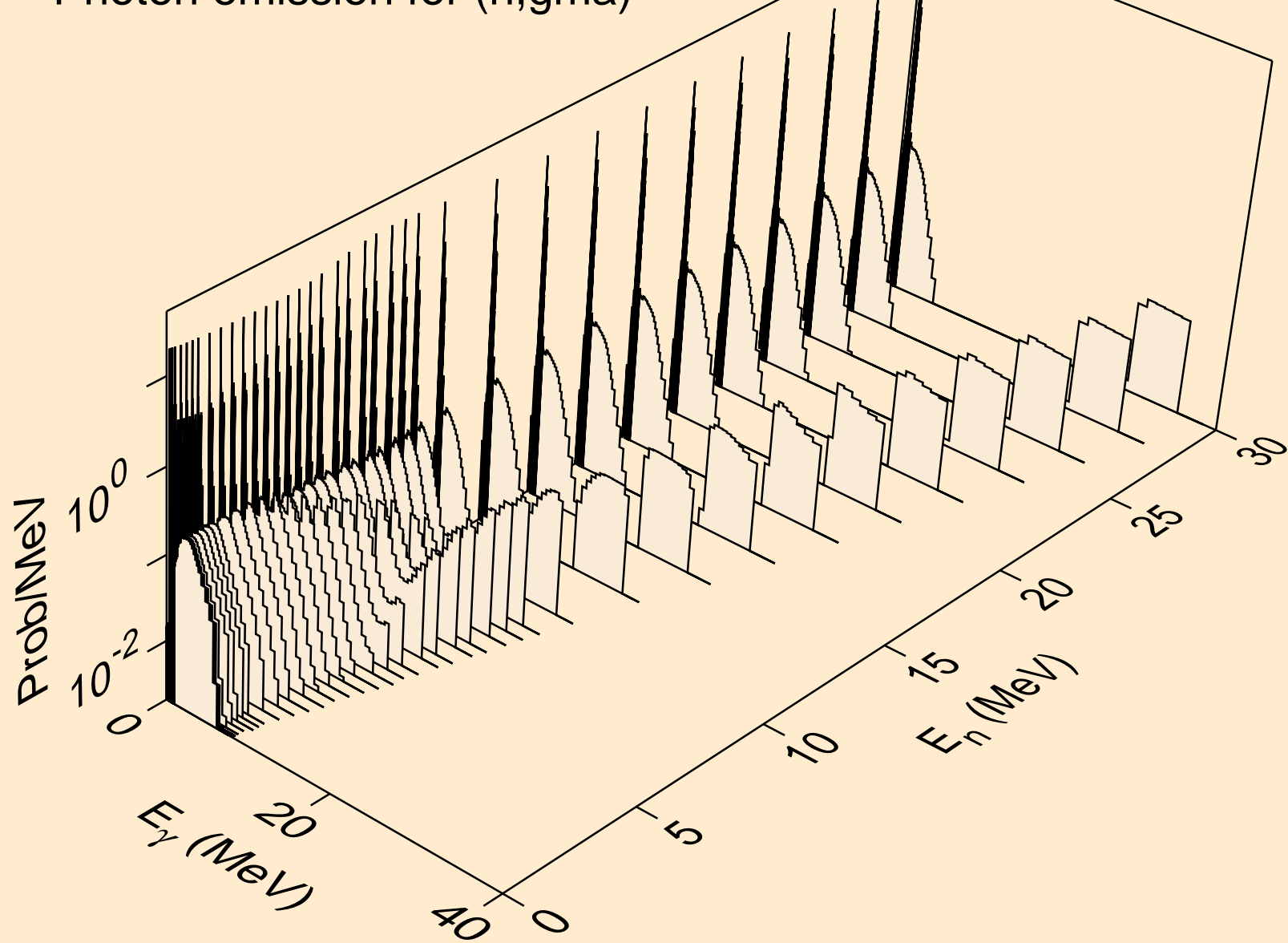
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Photon emission for (n,3np)



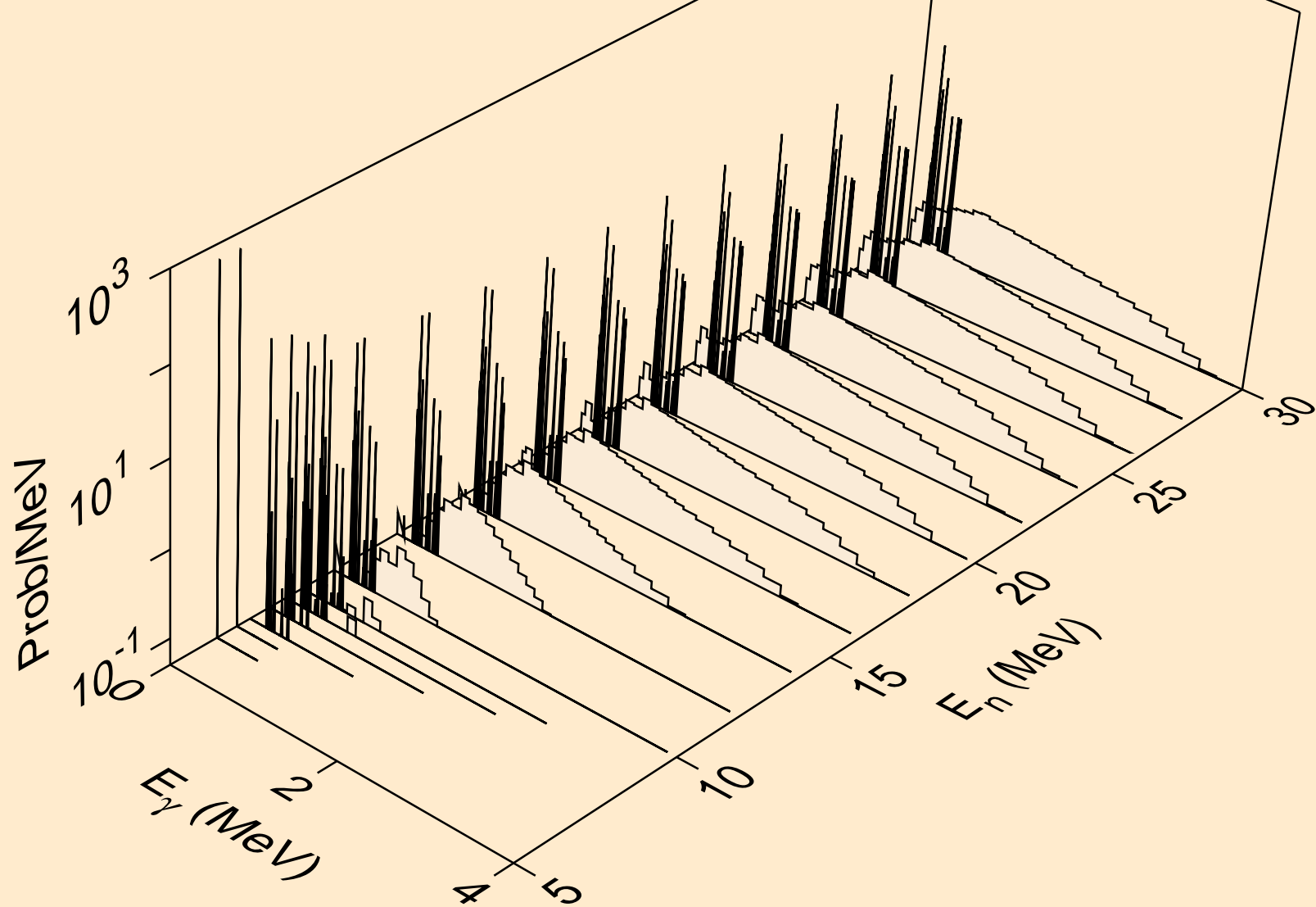
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



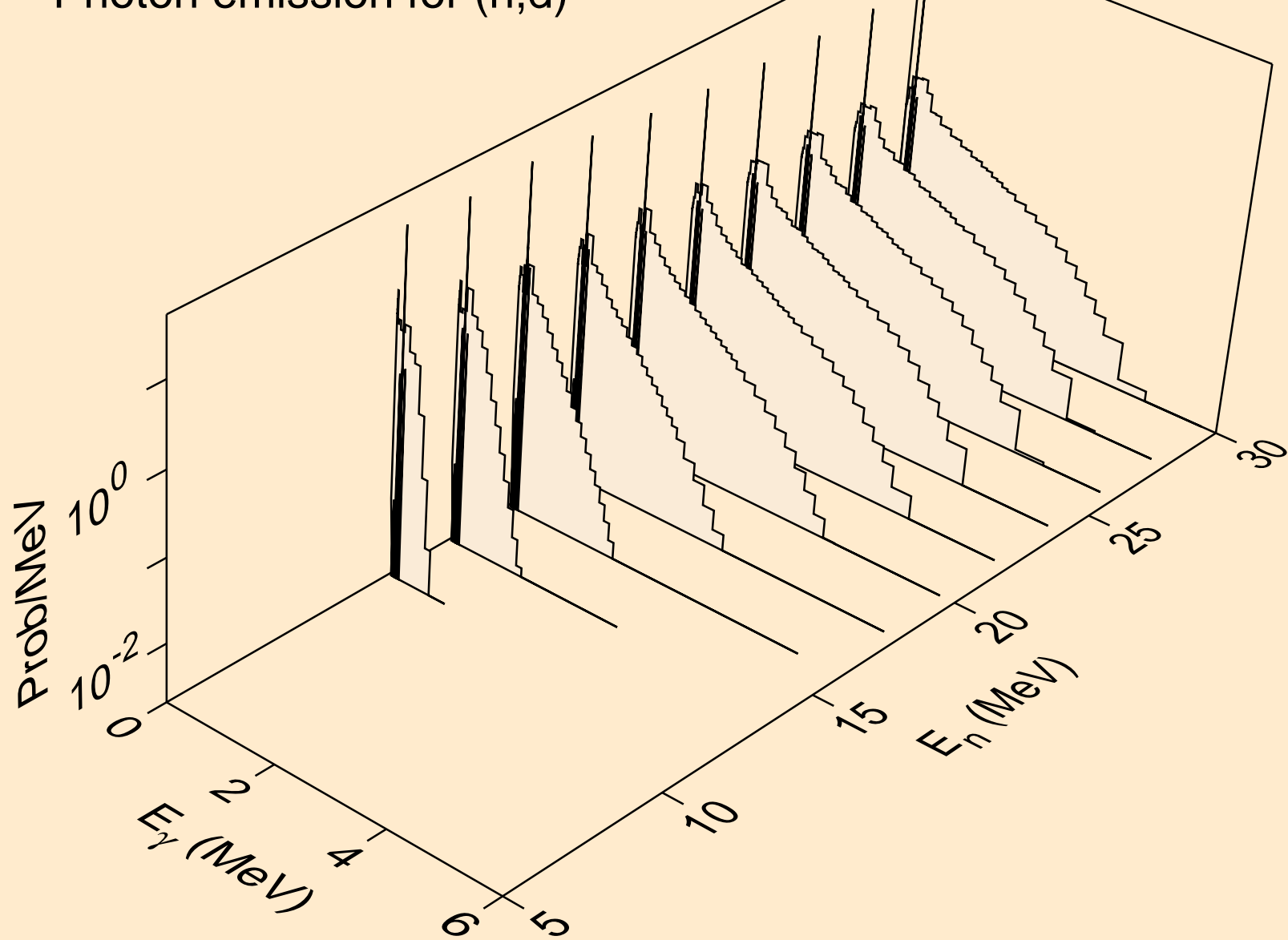
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Photon emission for (n,gma)



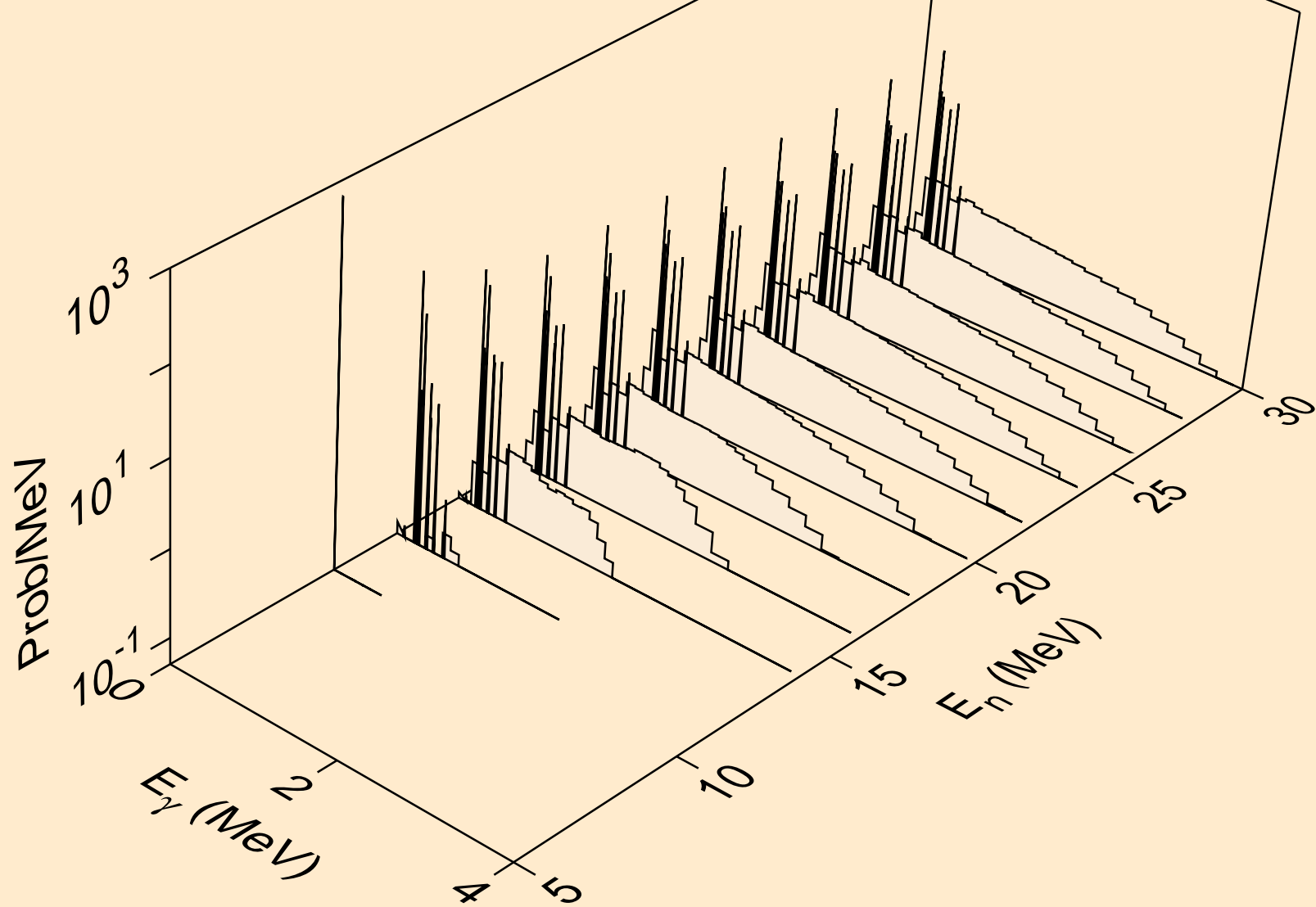
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



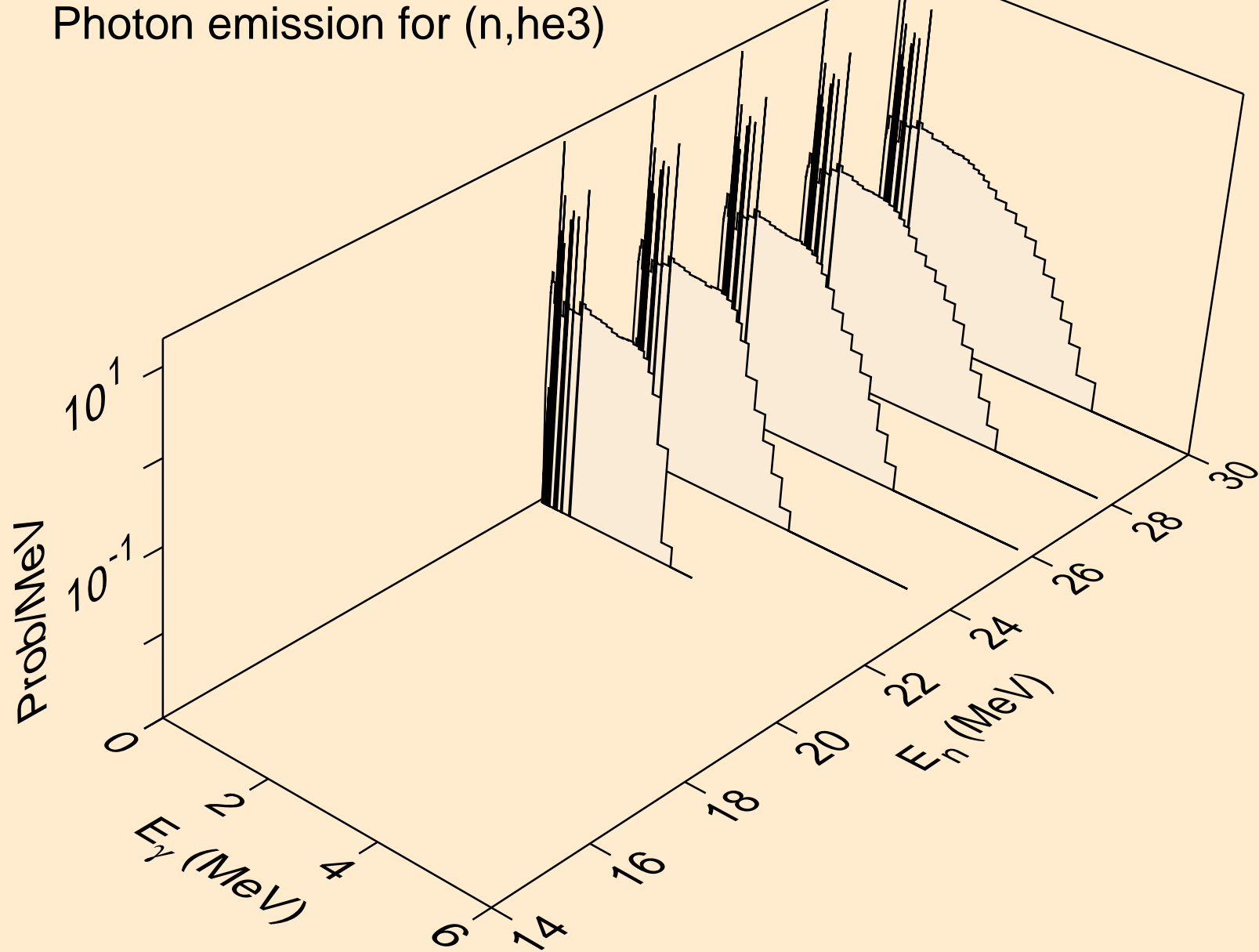
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



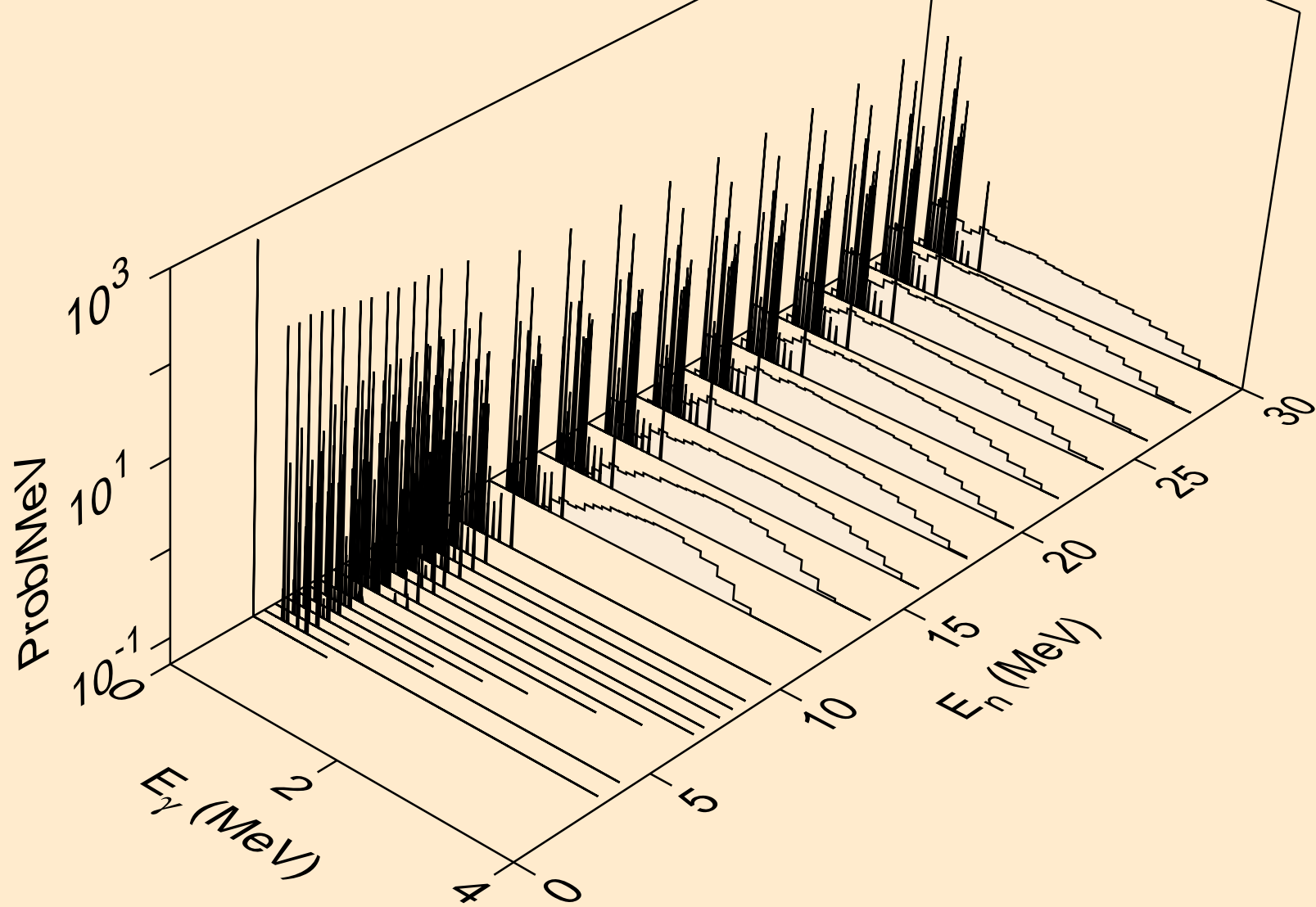
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

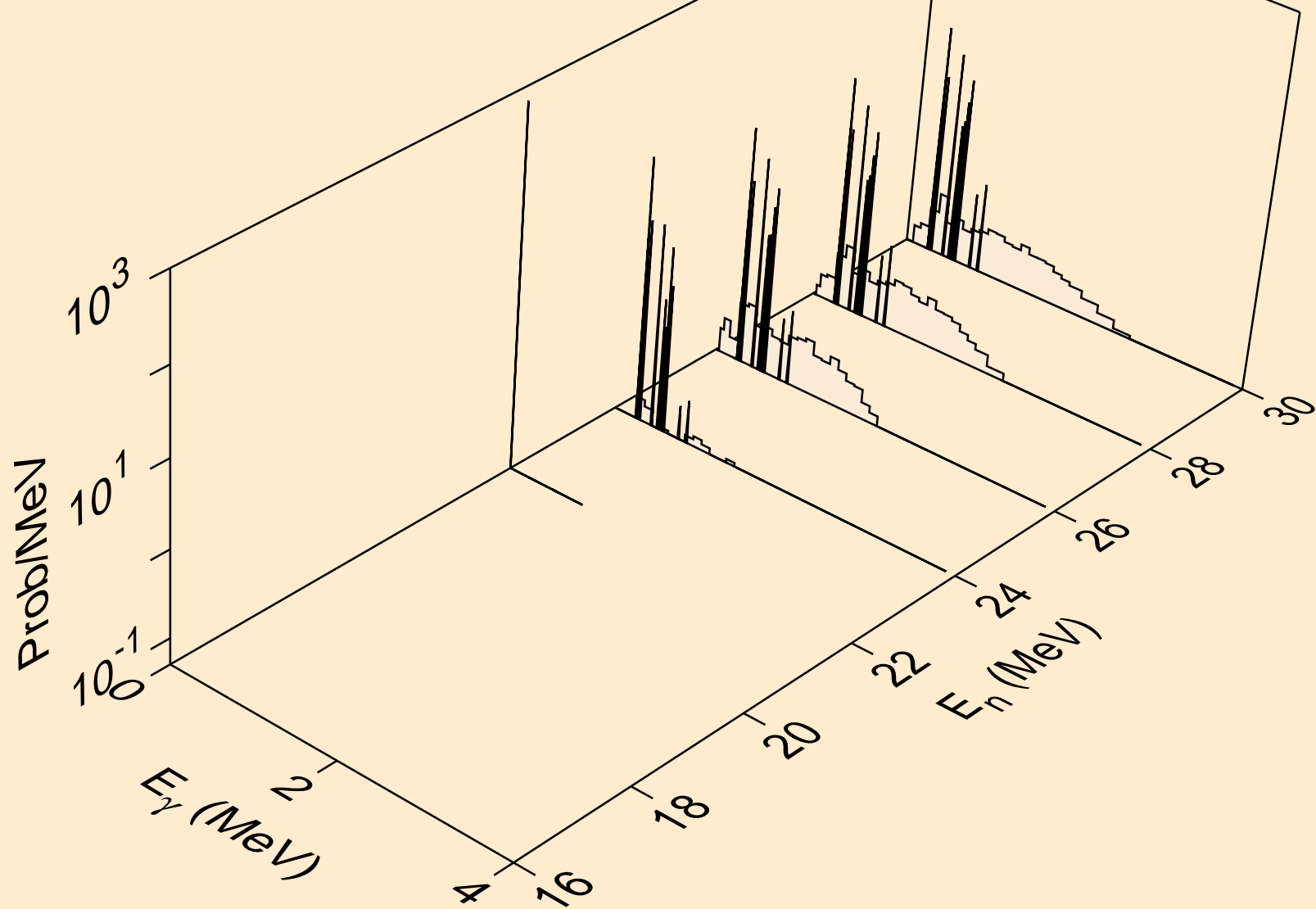


PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

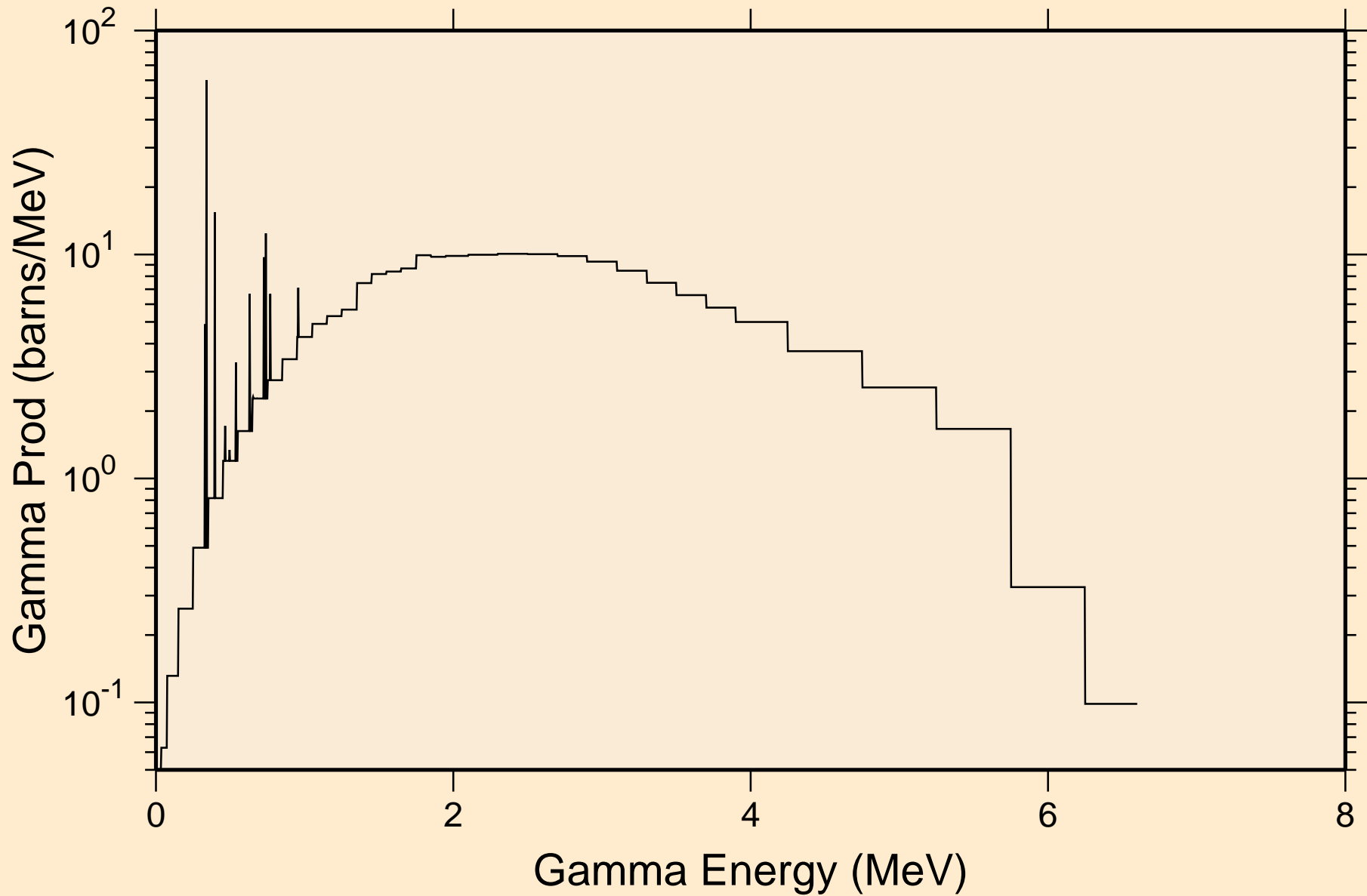




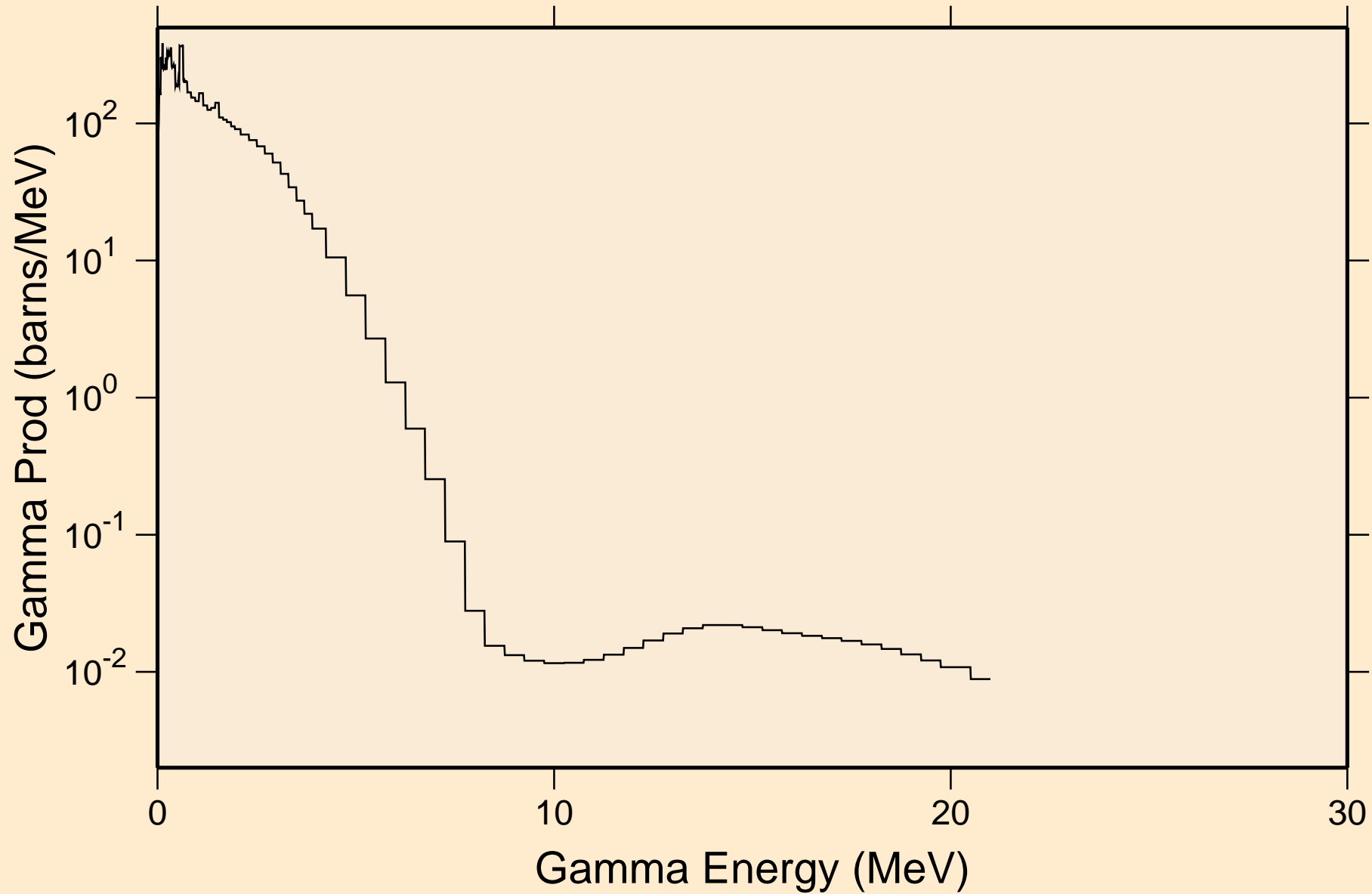
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



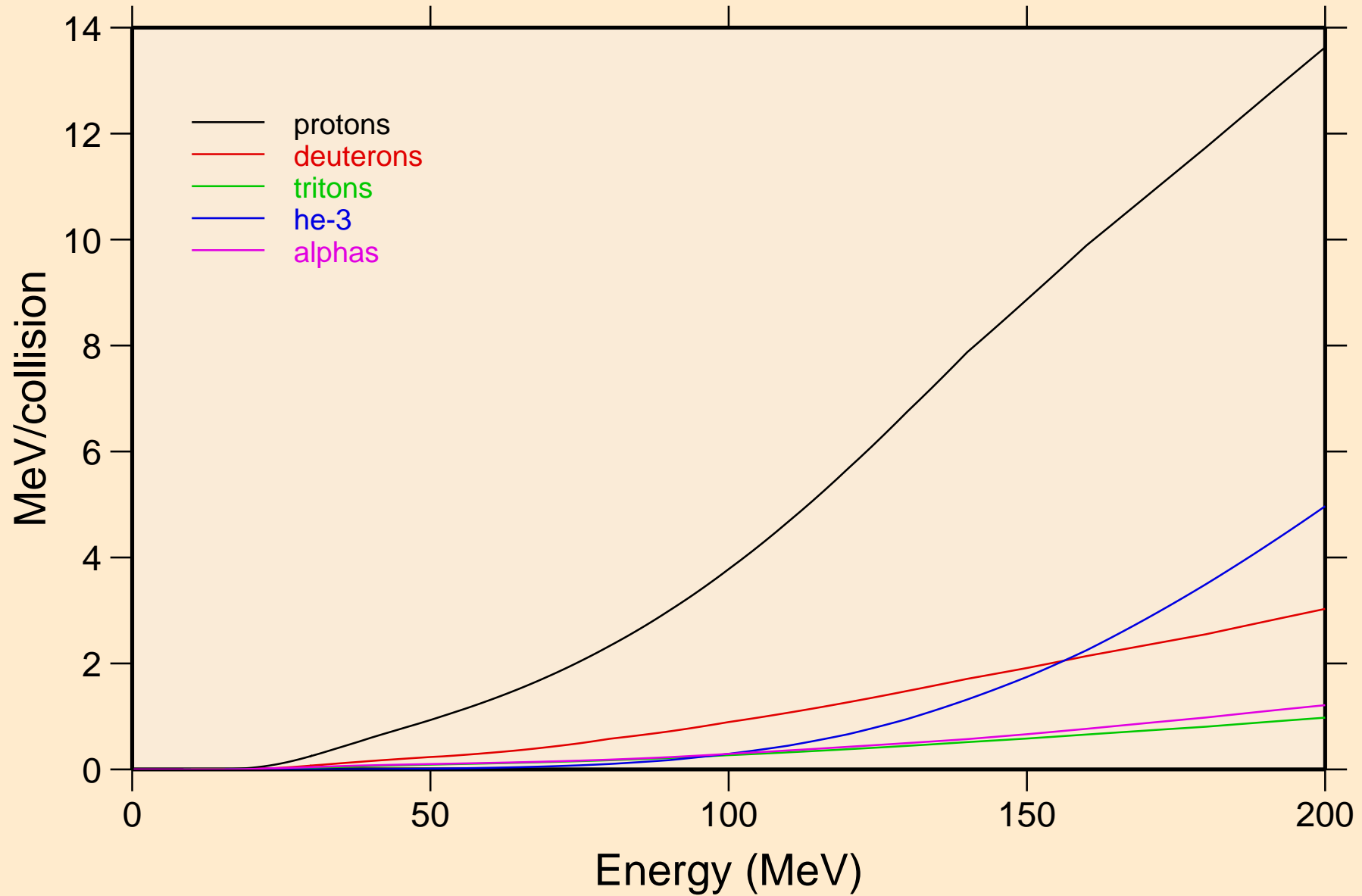
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



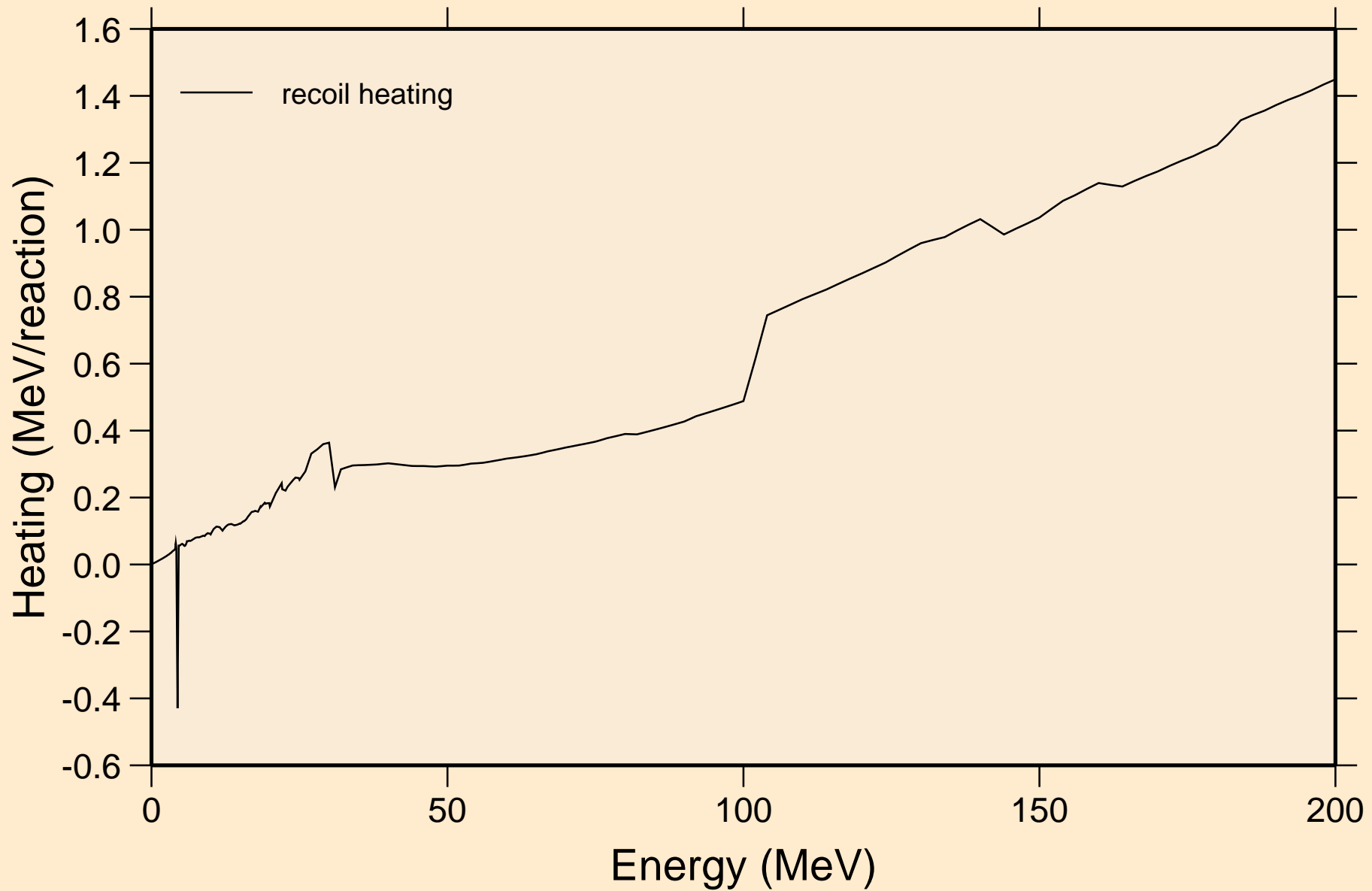
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



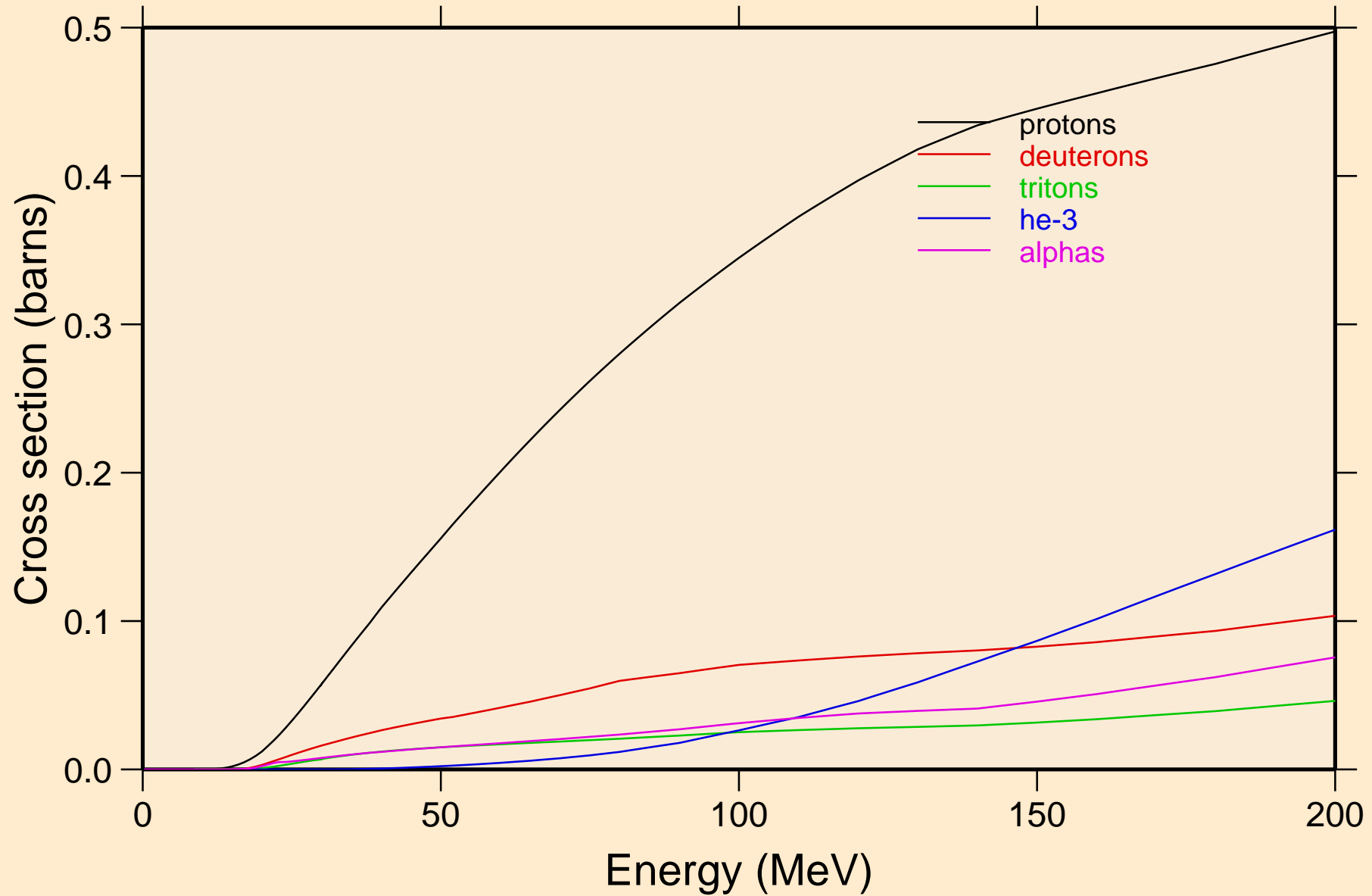
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



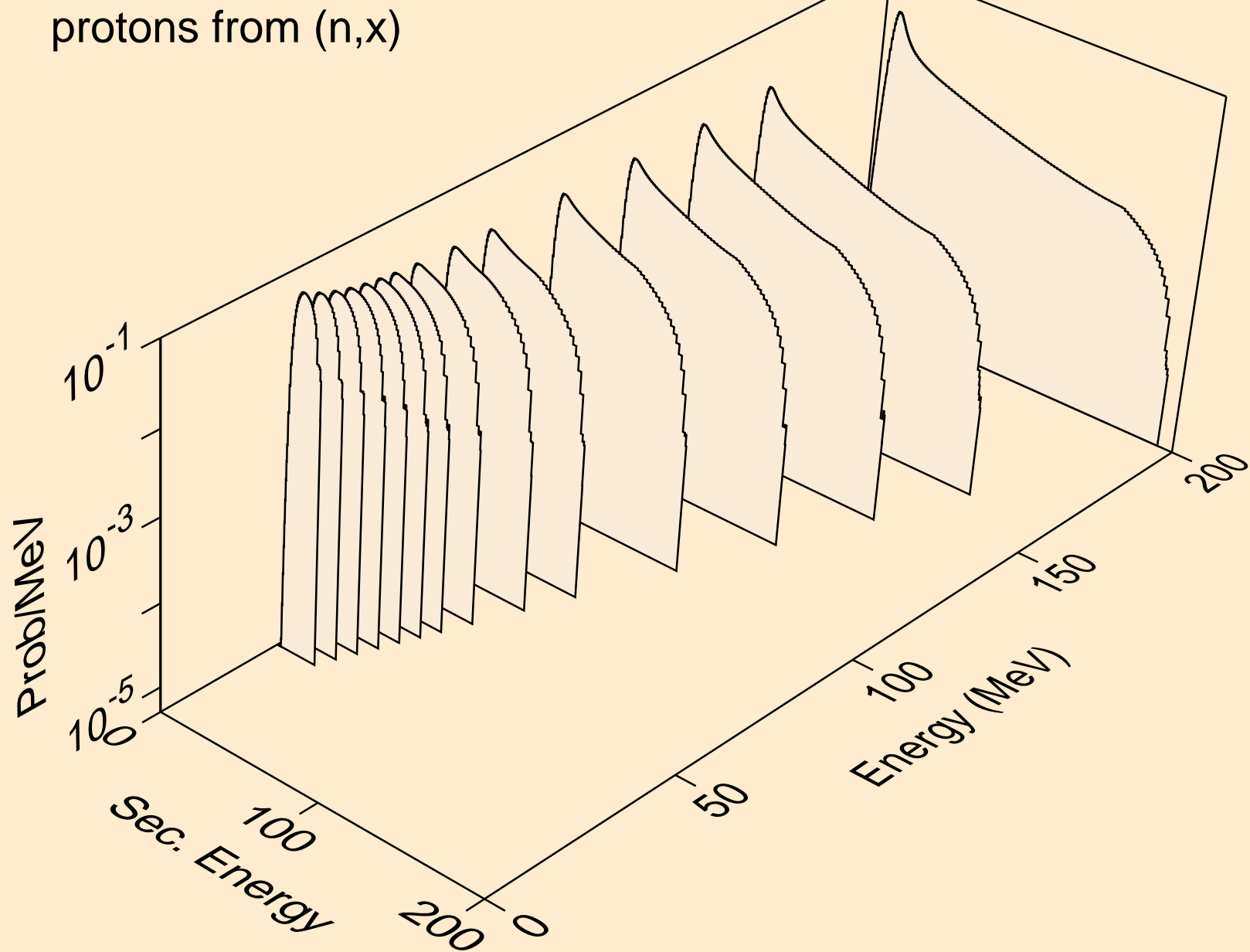
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



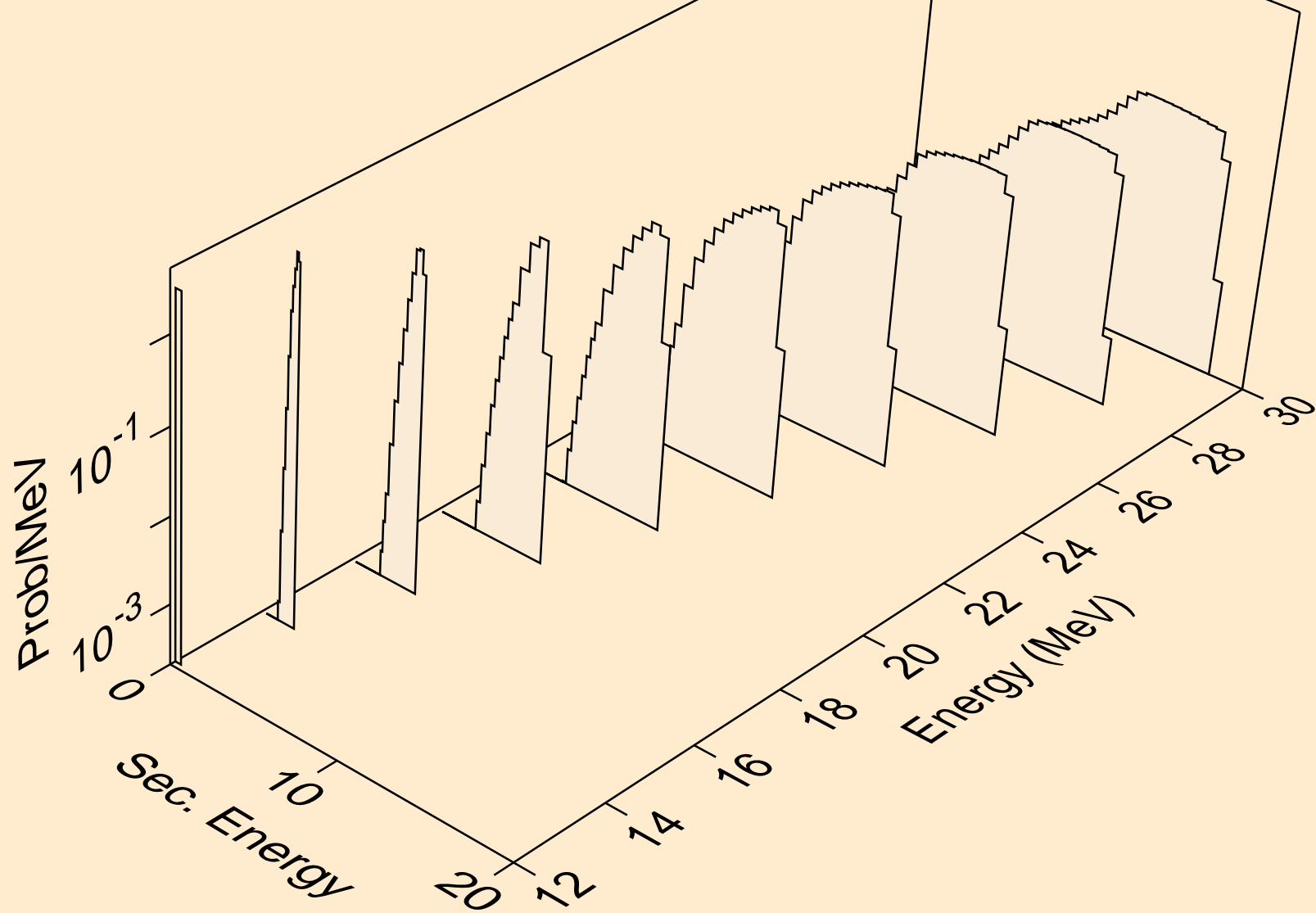
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

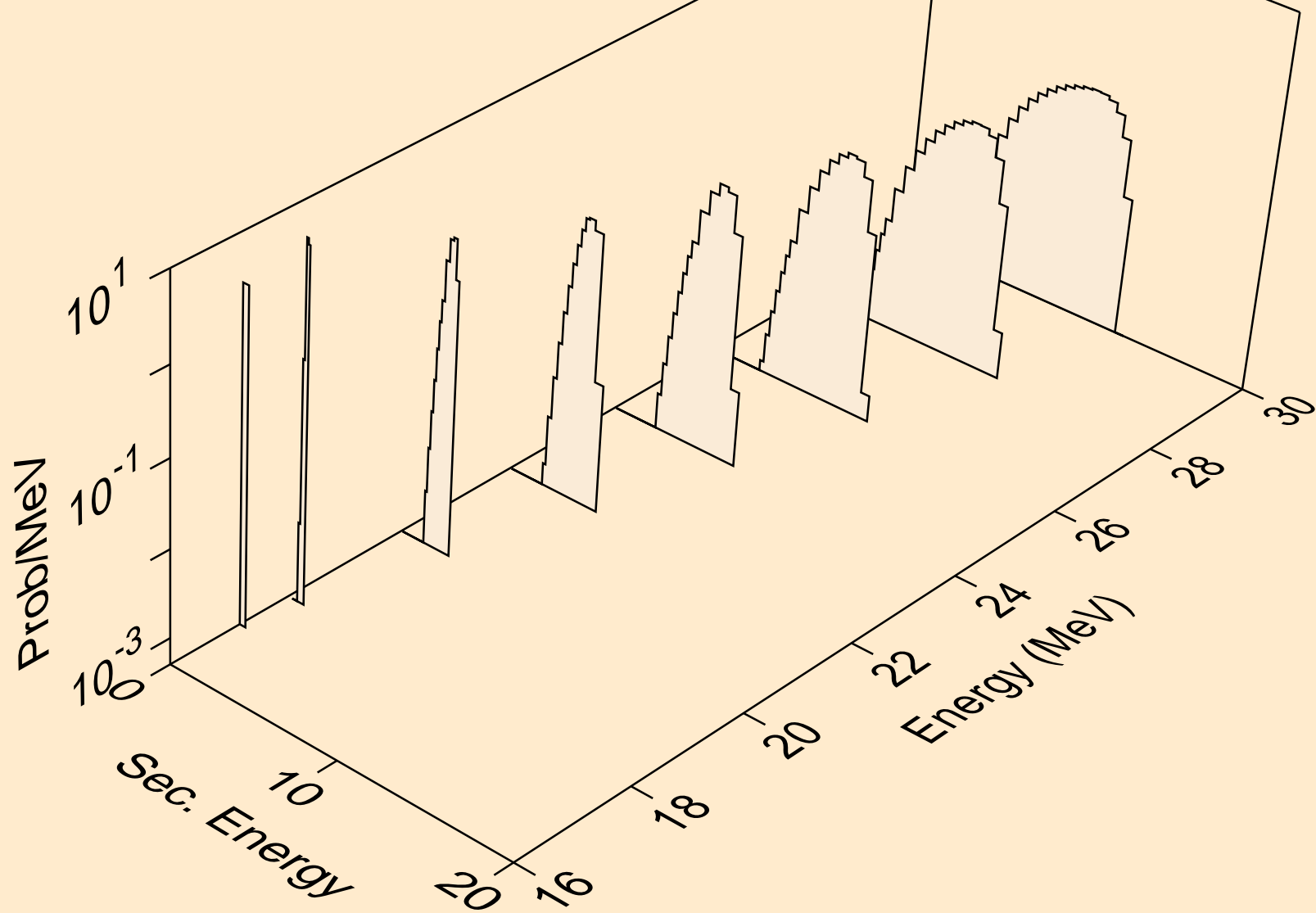


PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

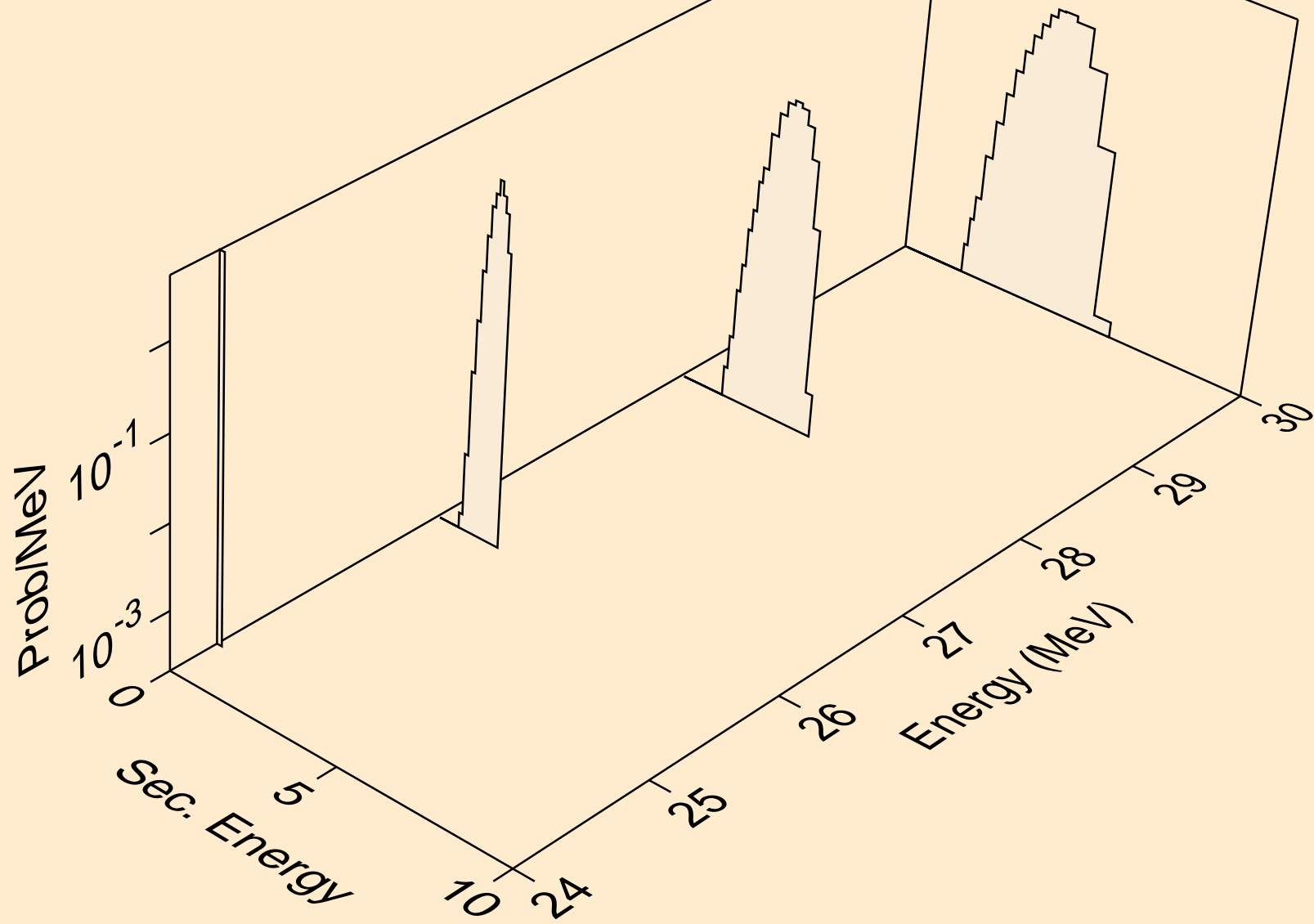




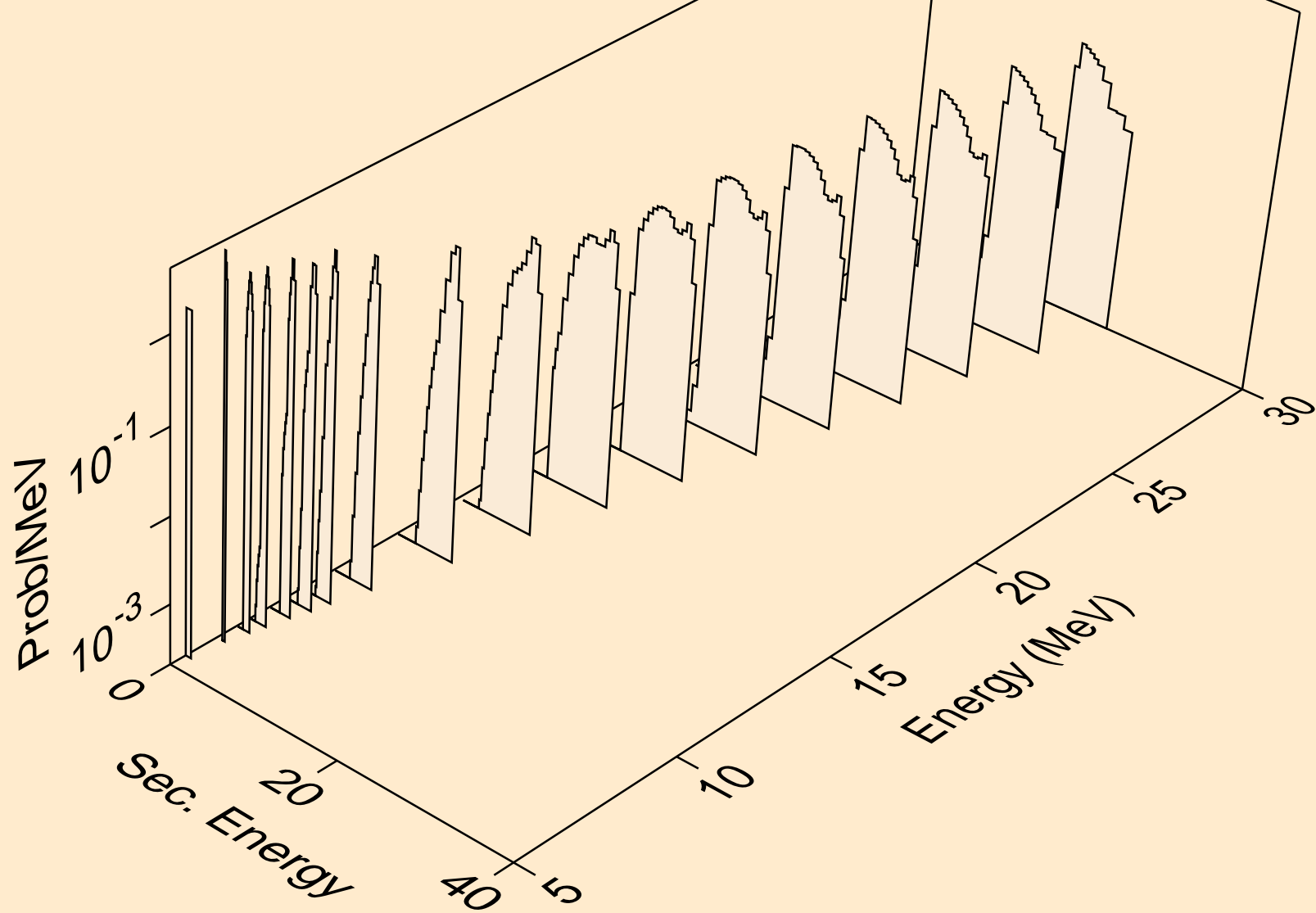
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protons from (n,2np)



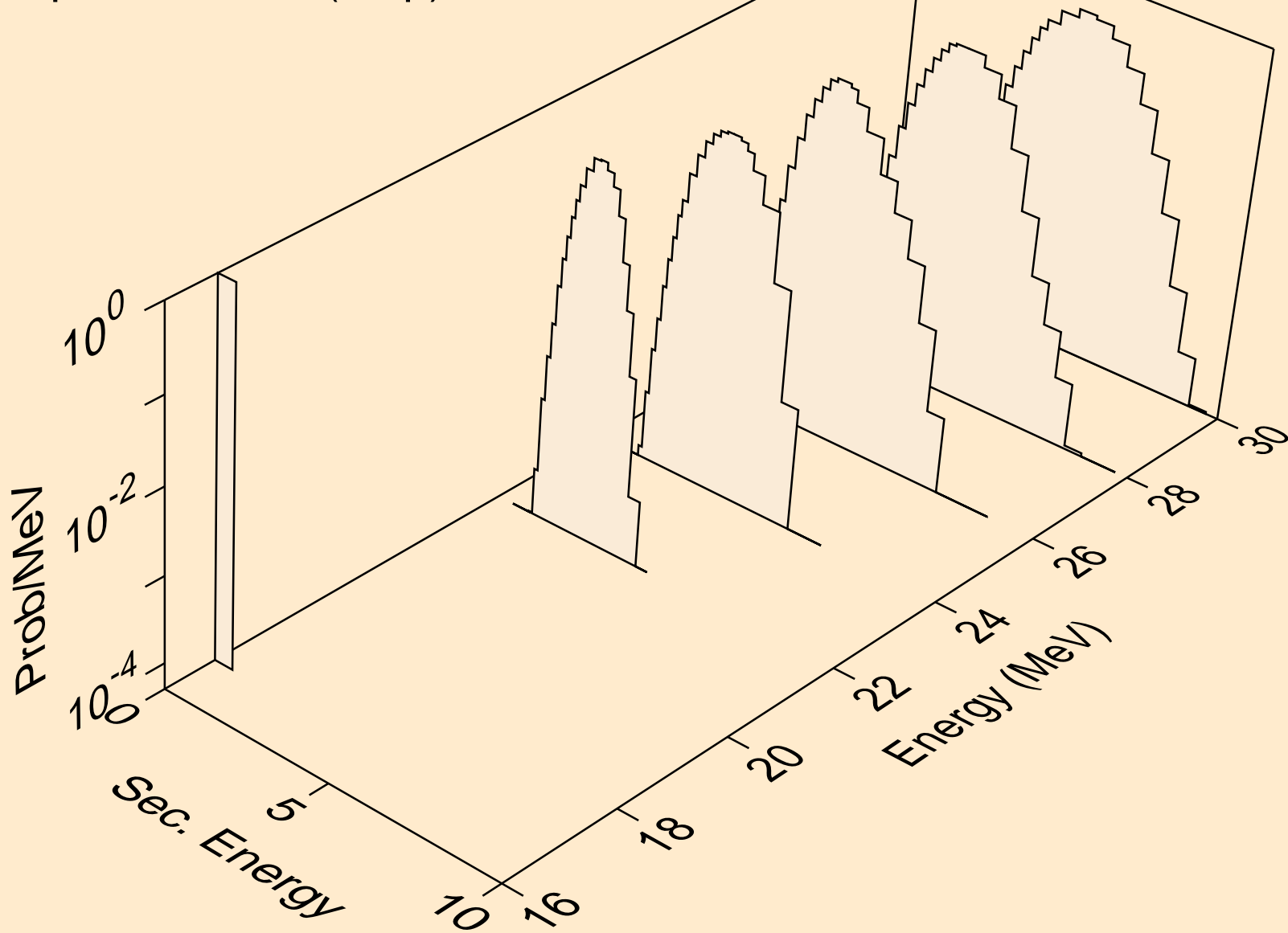
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protons from (n,3np)



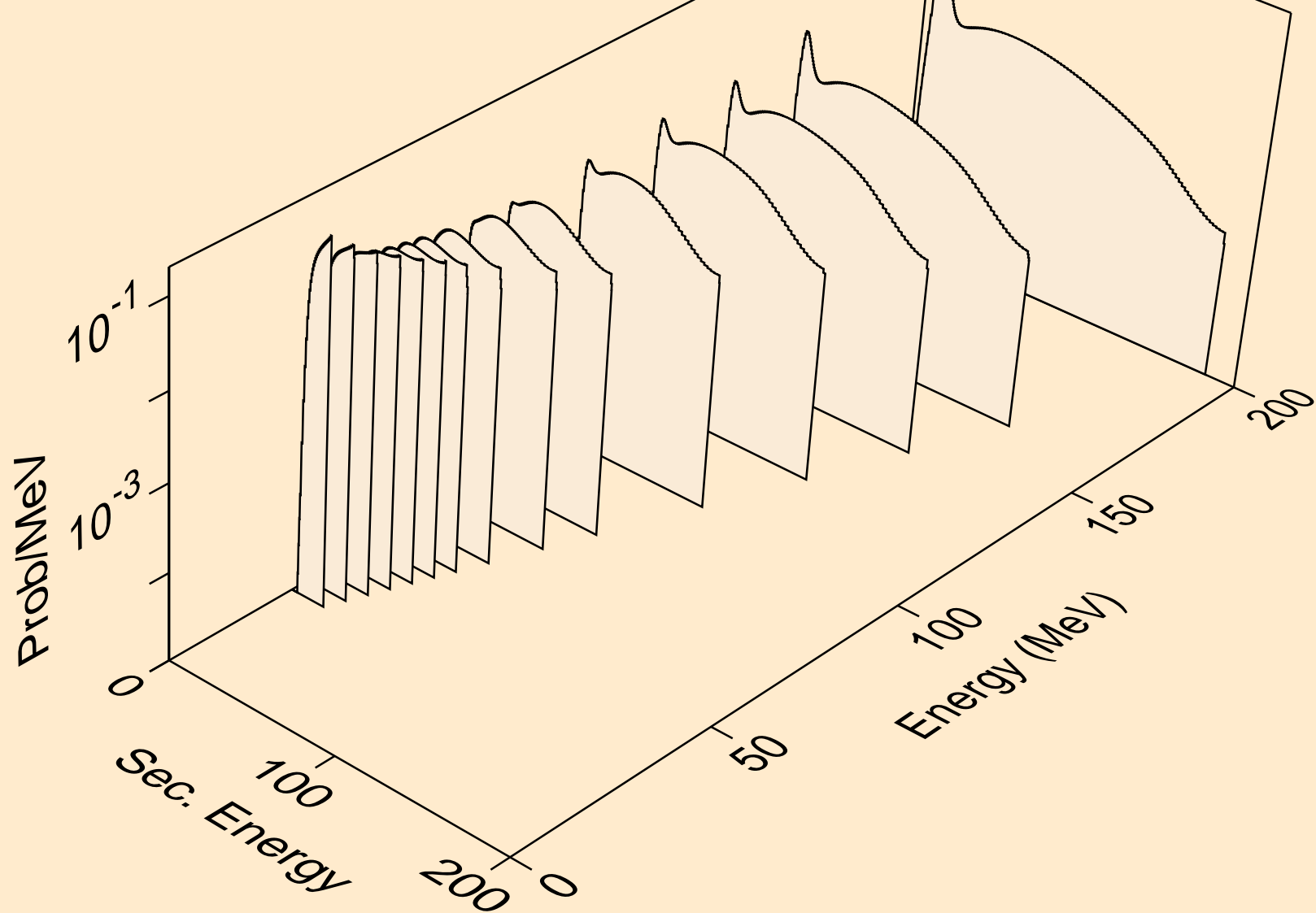
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protons from (n,p)



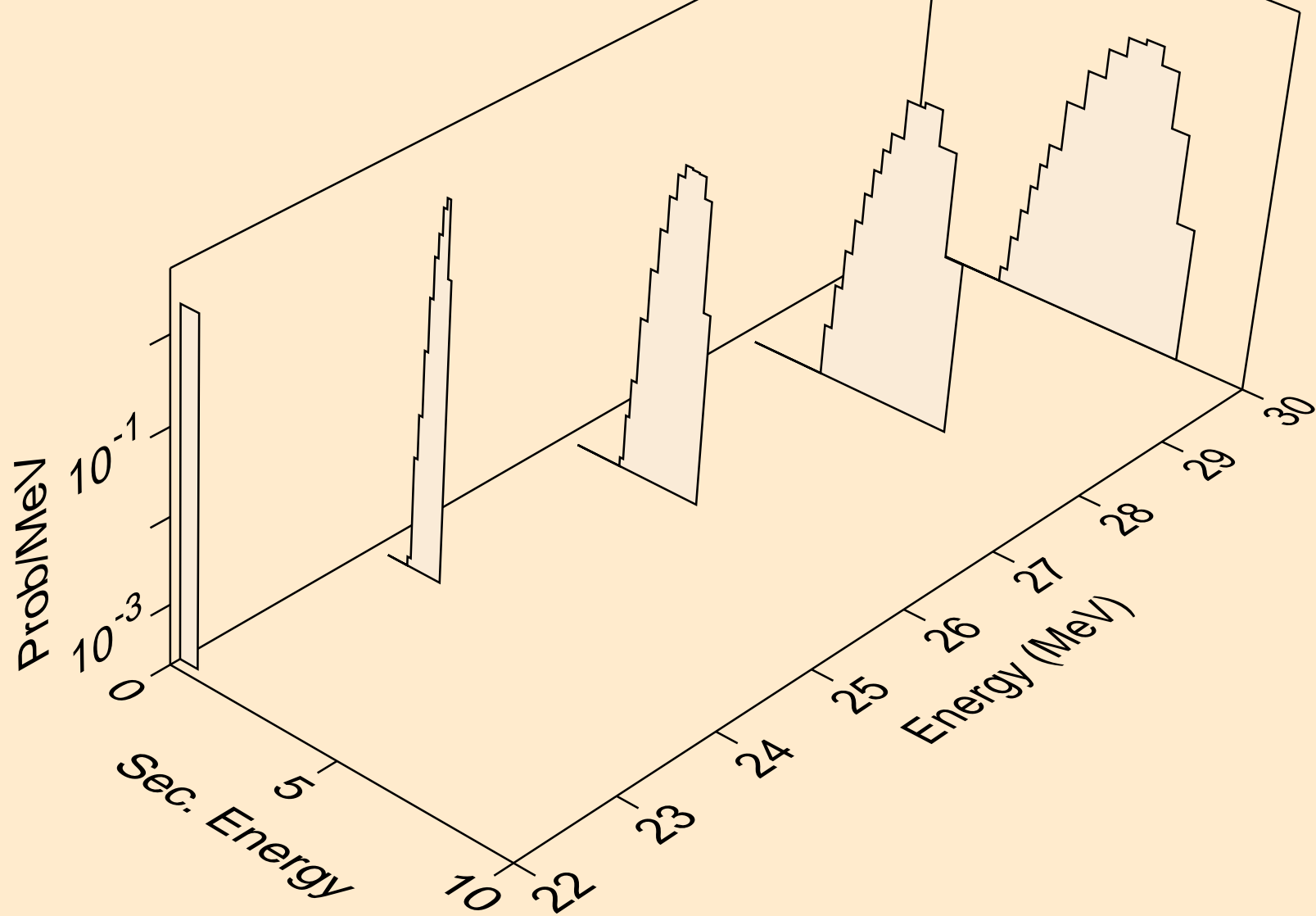
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protons from (n,2p)



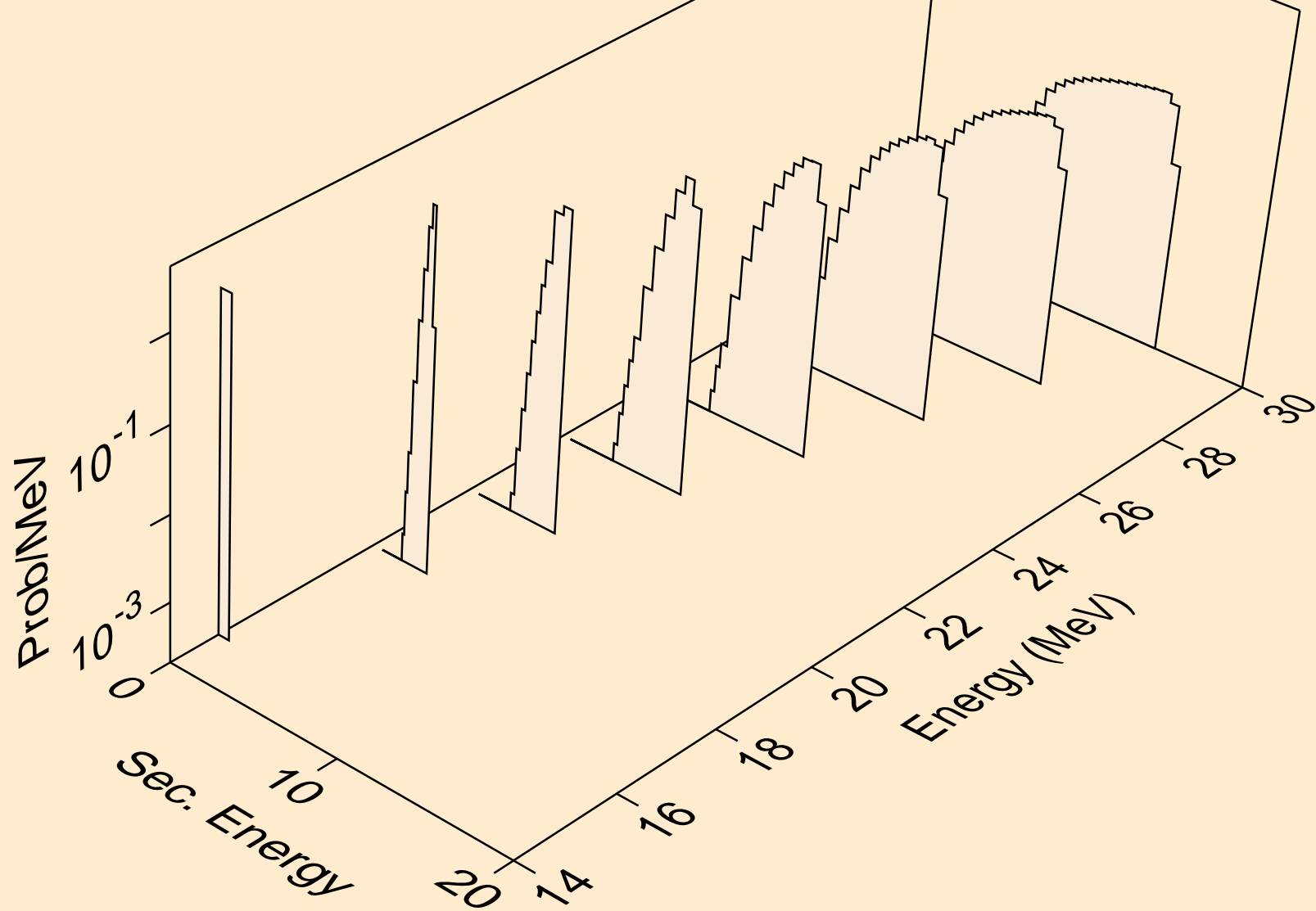
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deuterons from (n,x)



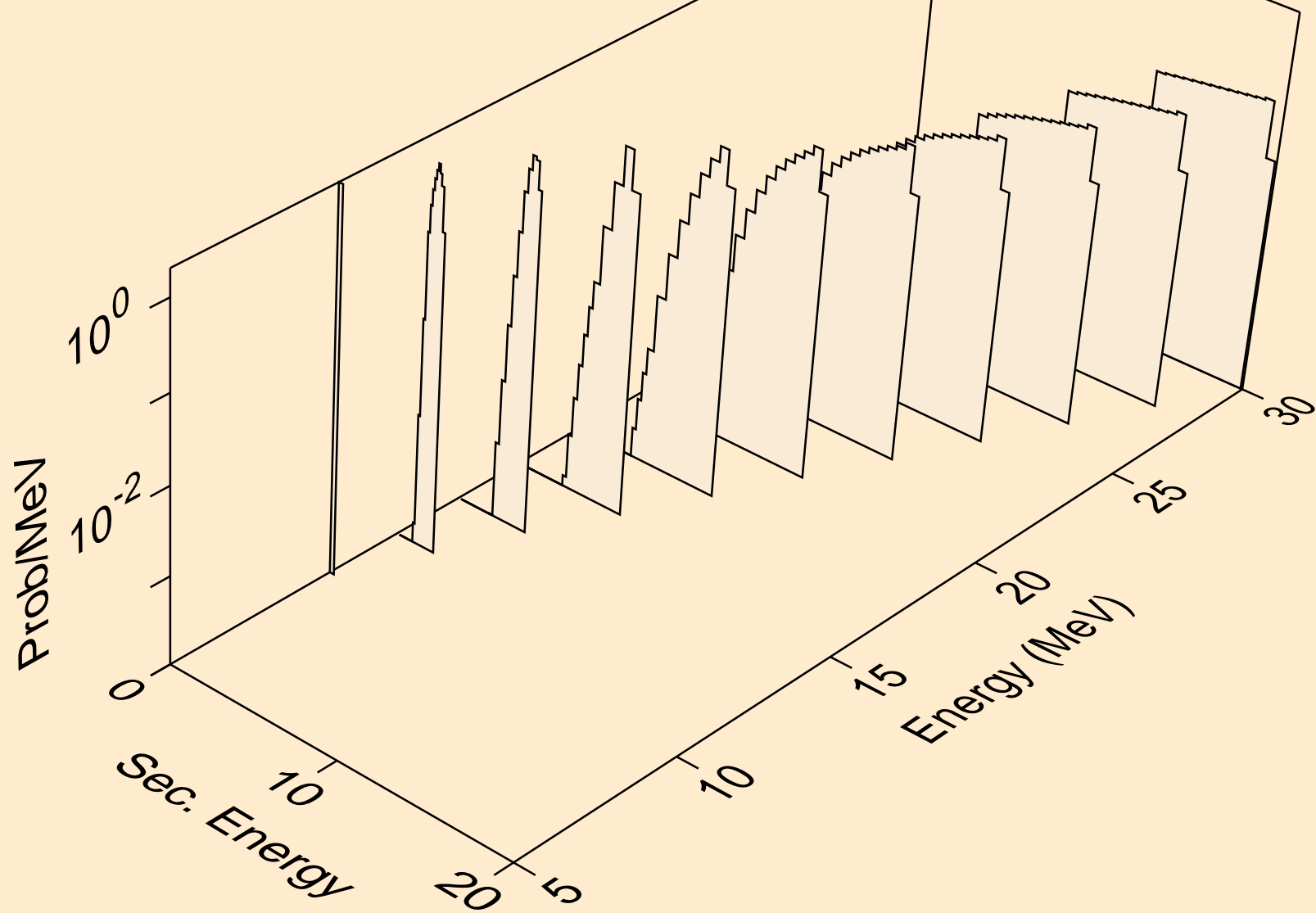
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

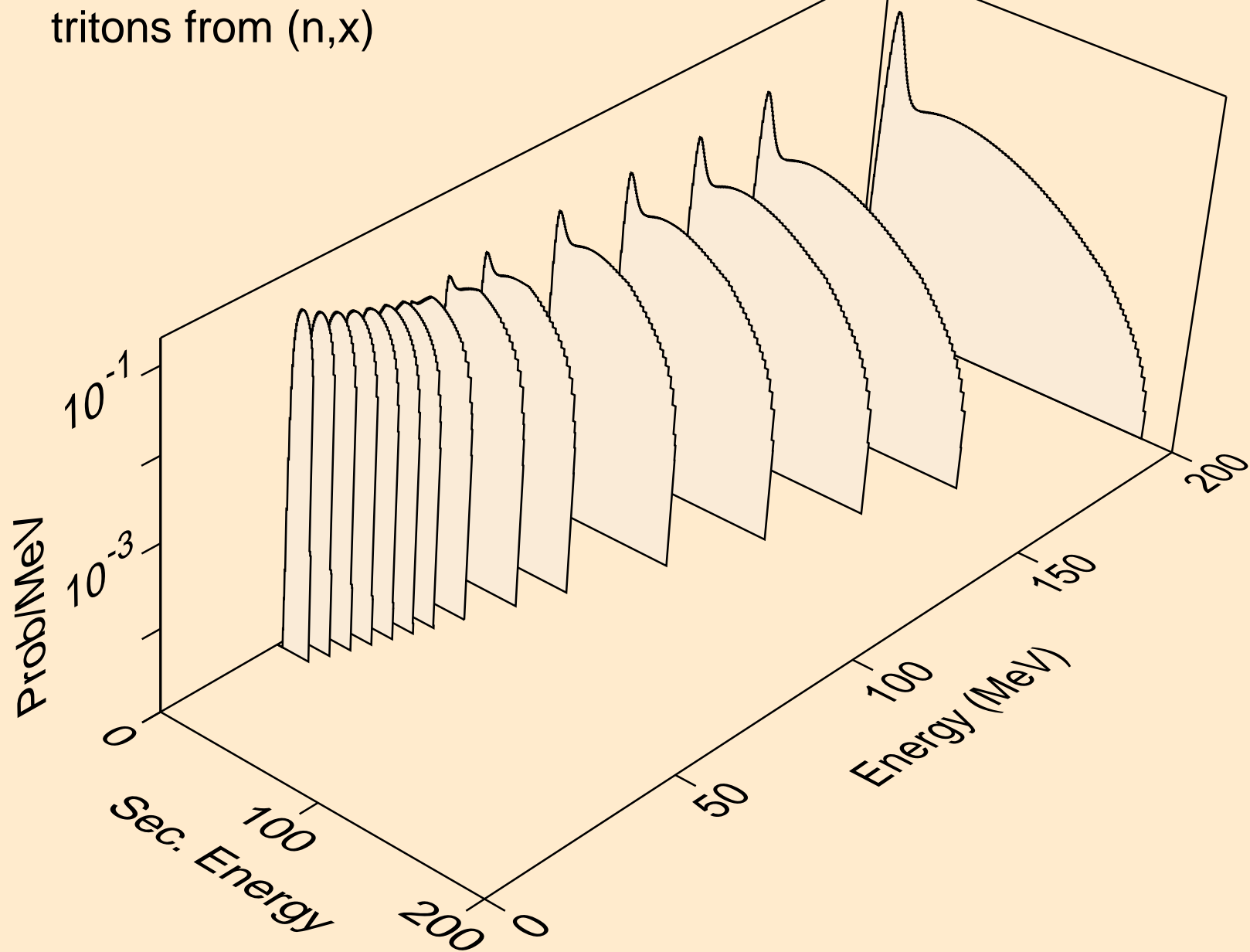


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deuterons from (n,d)

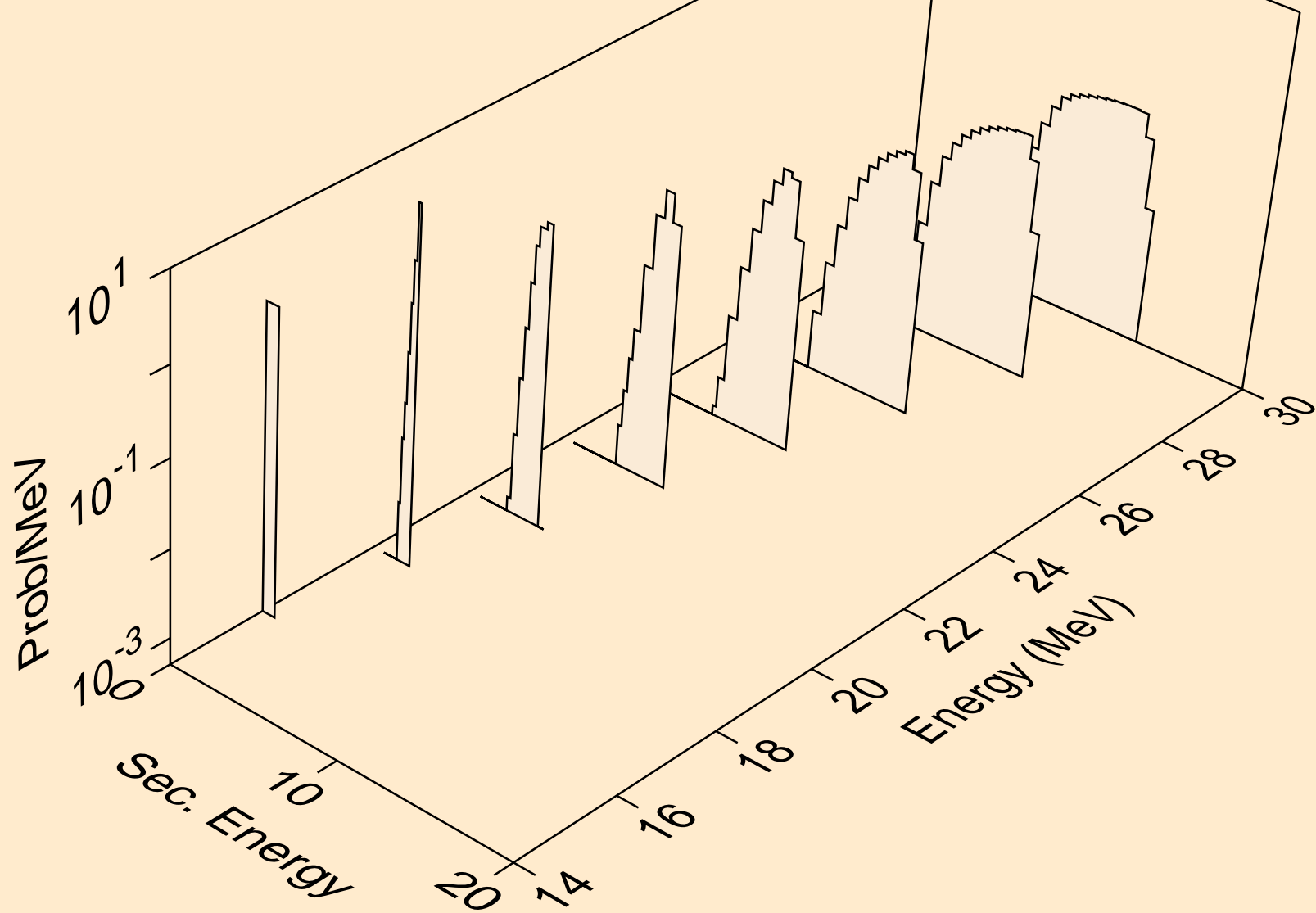




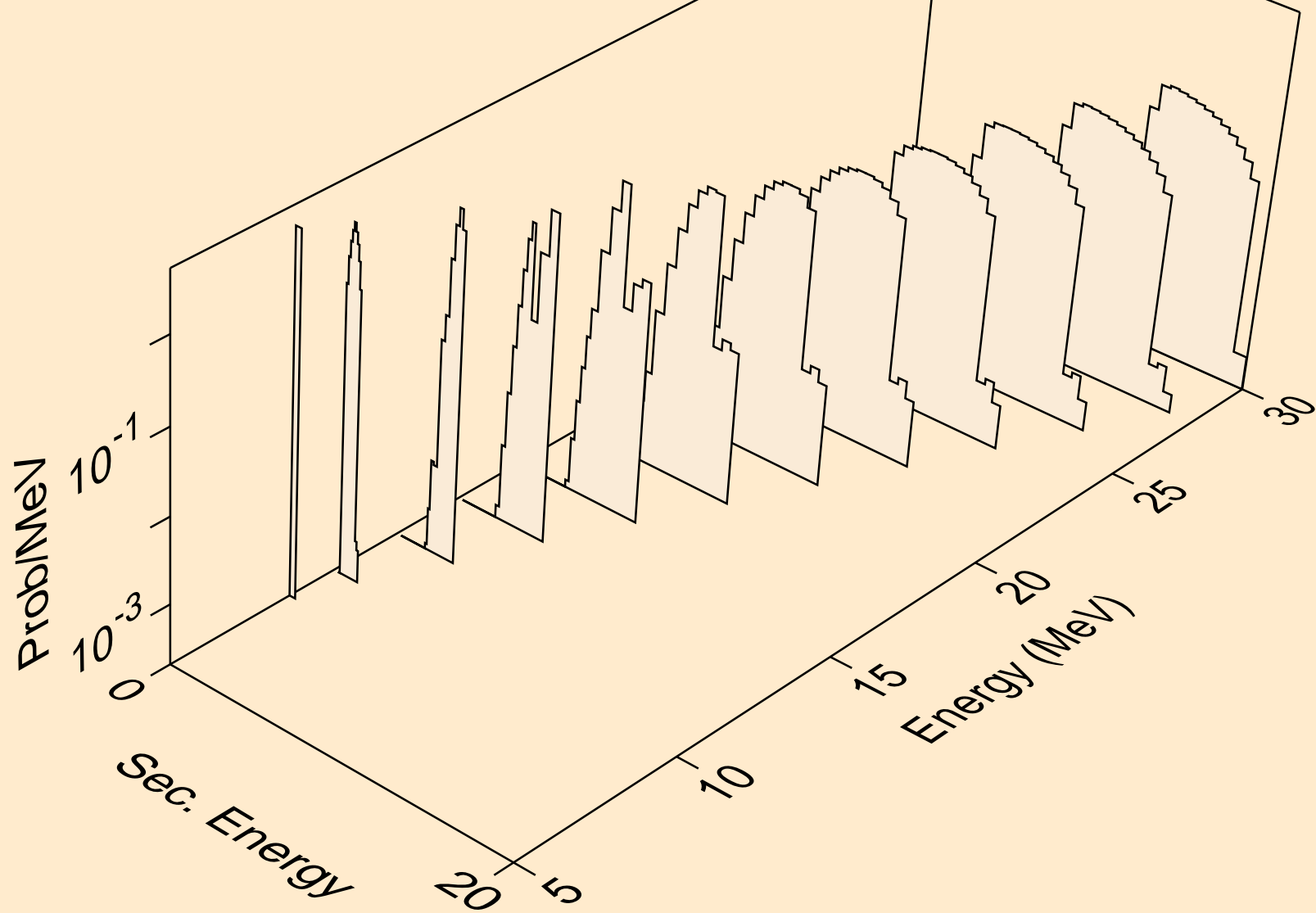
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



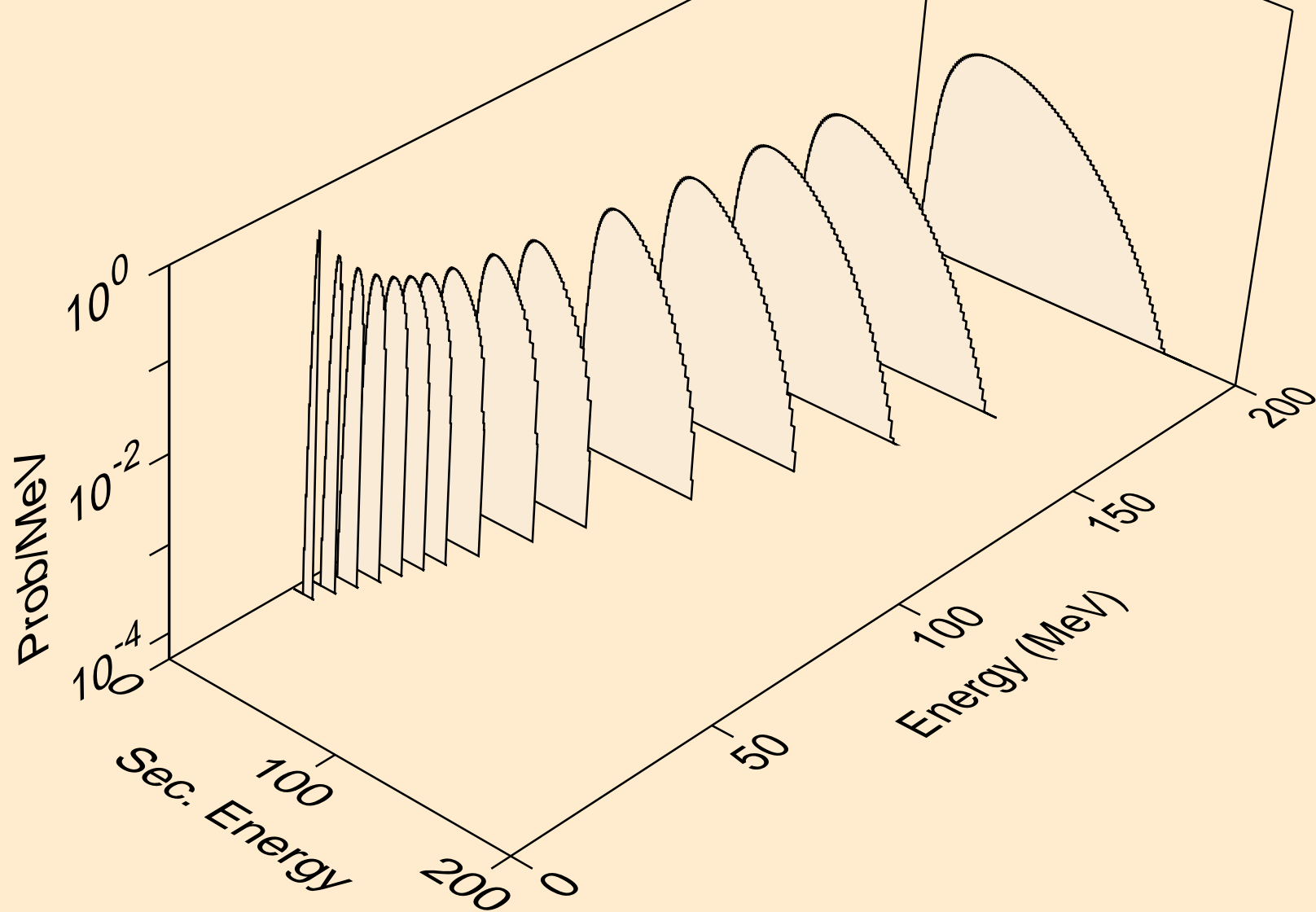
PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



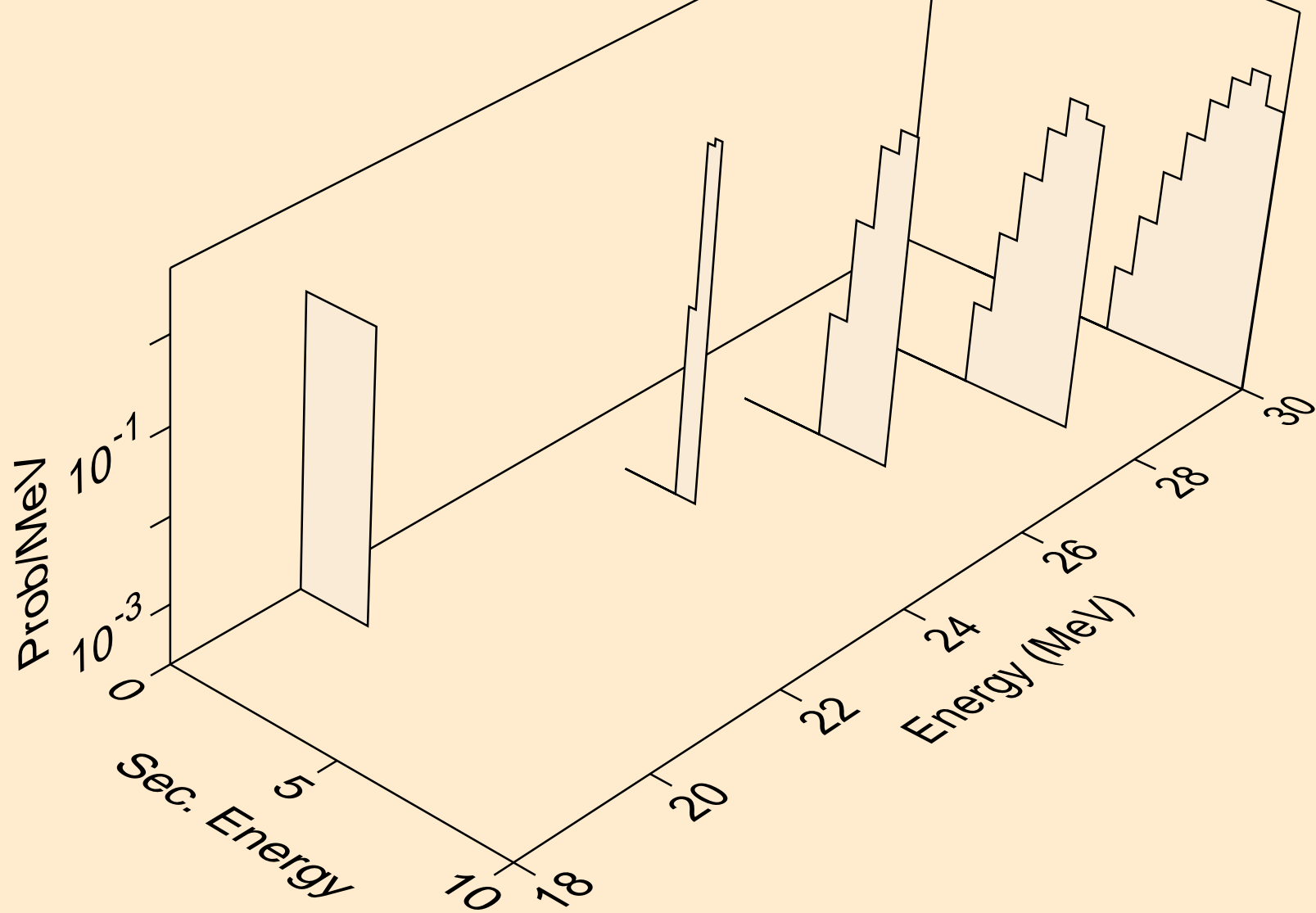
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tritons from (n,t)



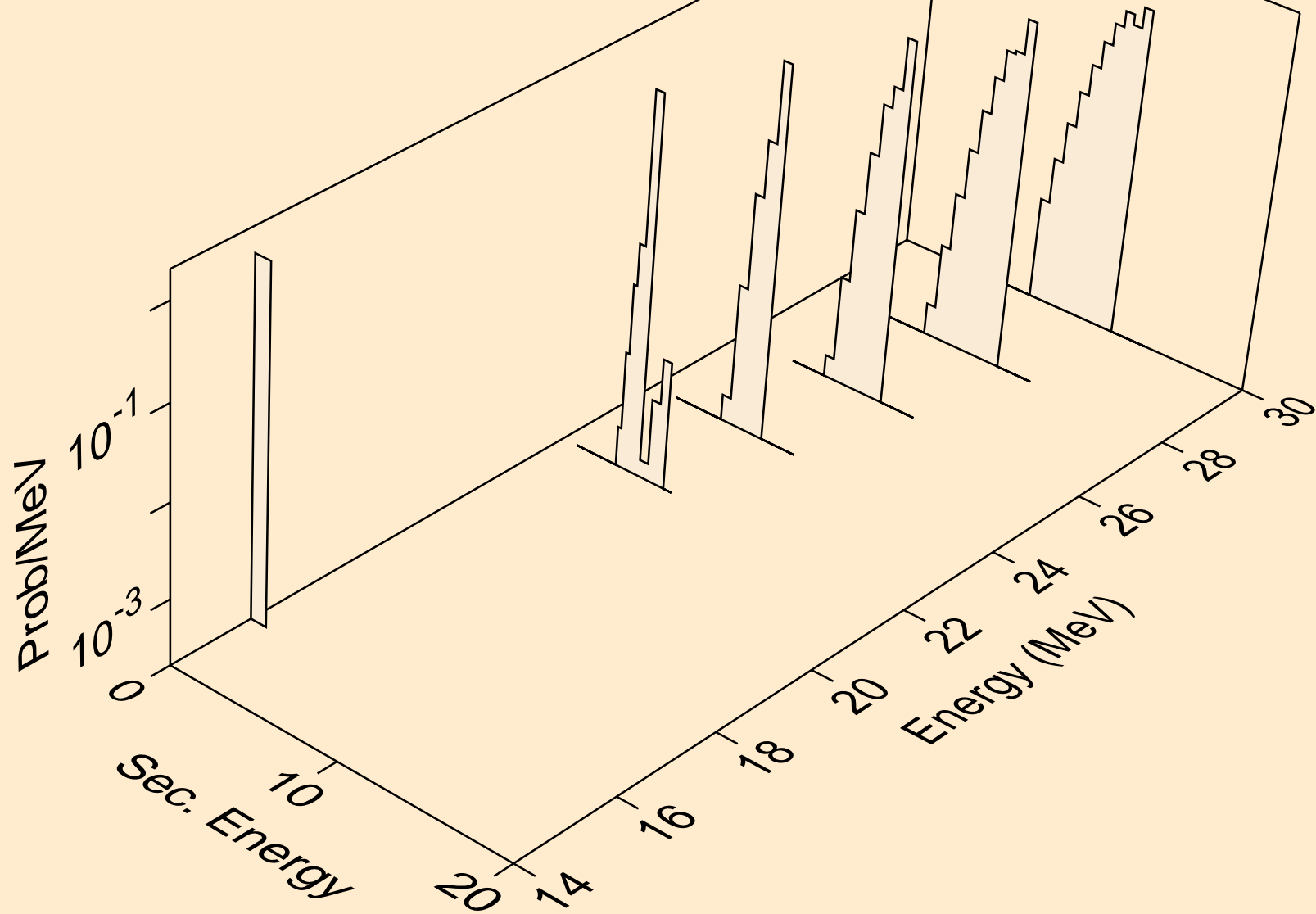
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he3s from (n,x)



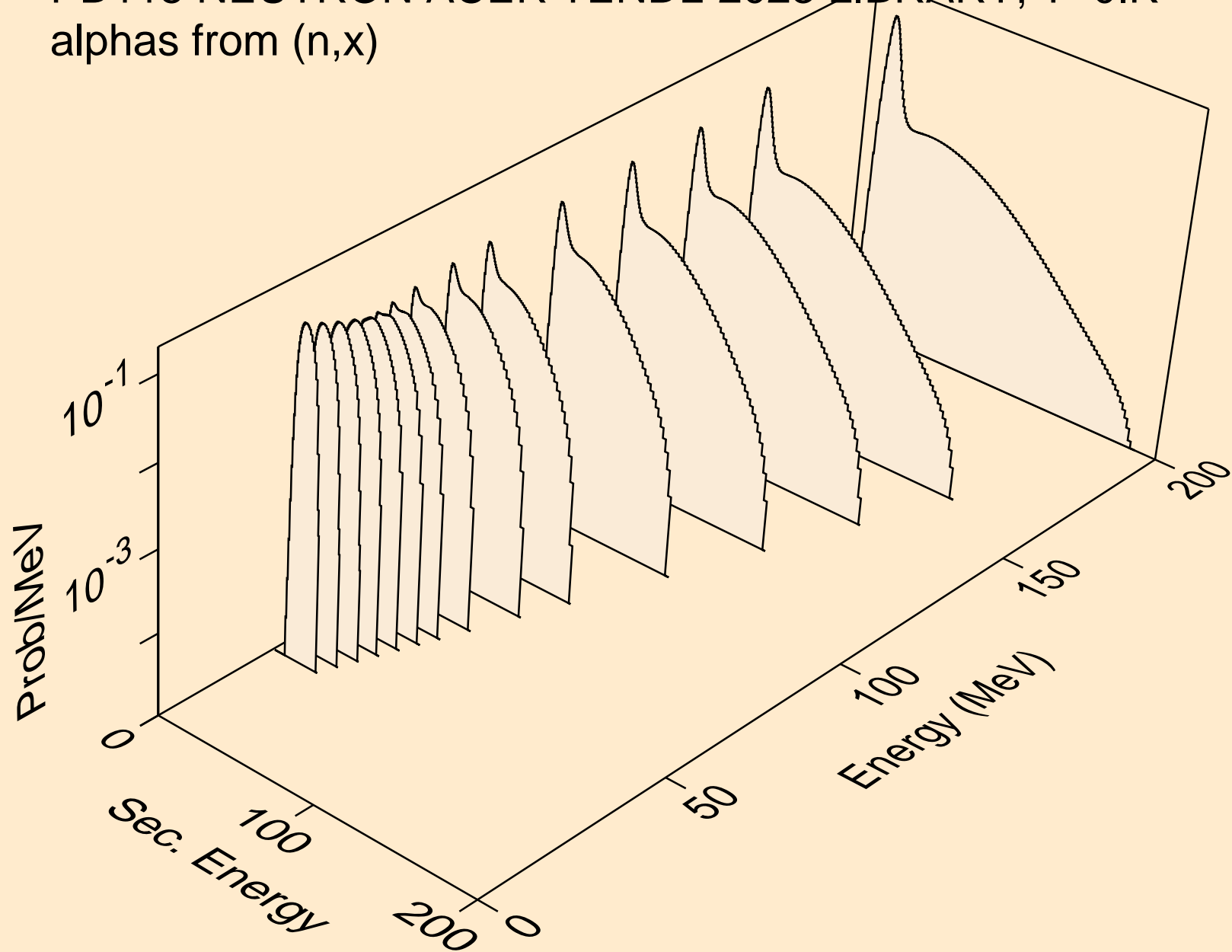
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he3s from (n,n\*)he3



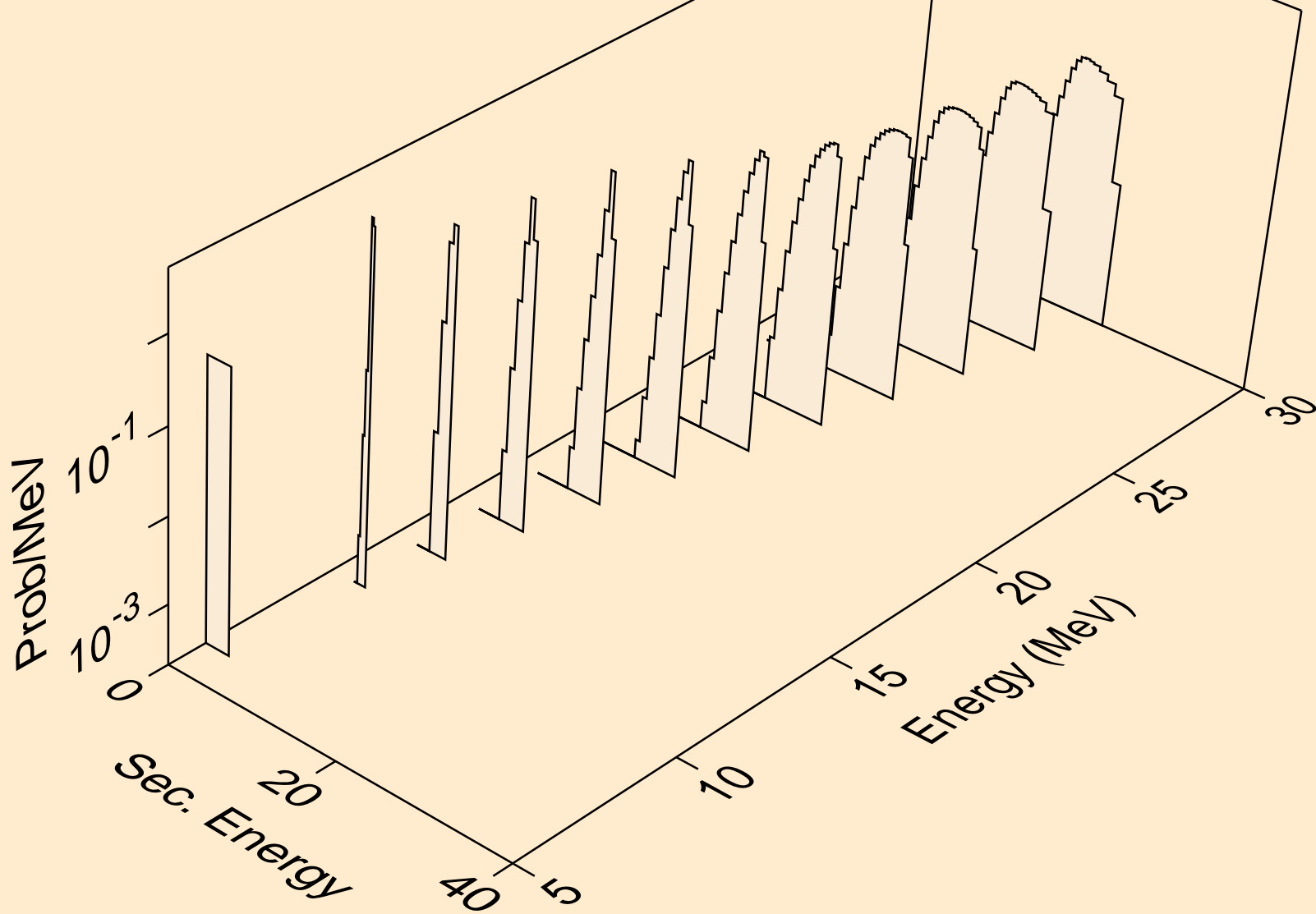
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he3s from (n,he3)



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

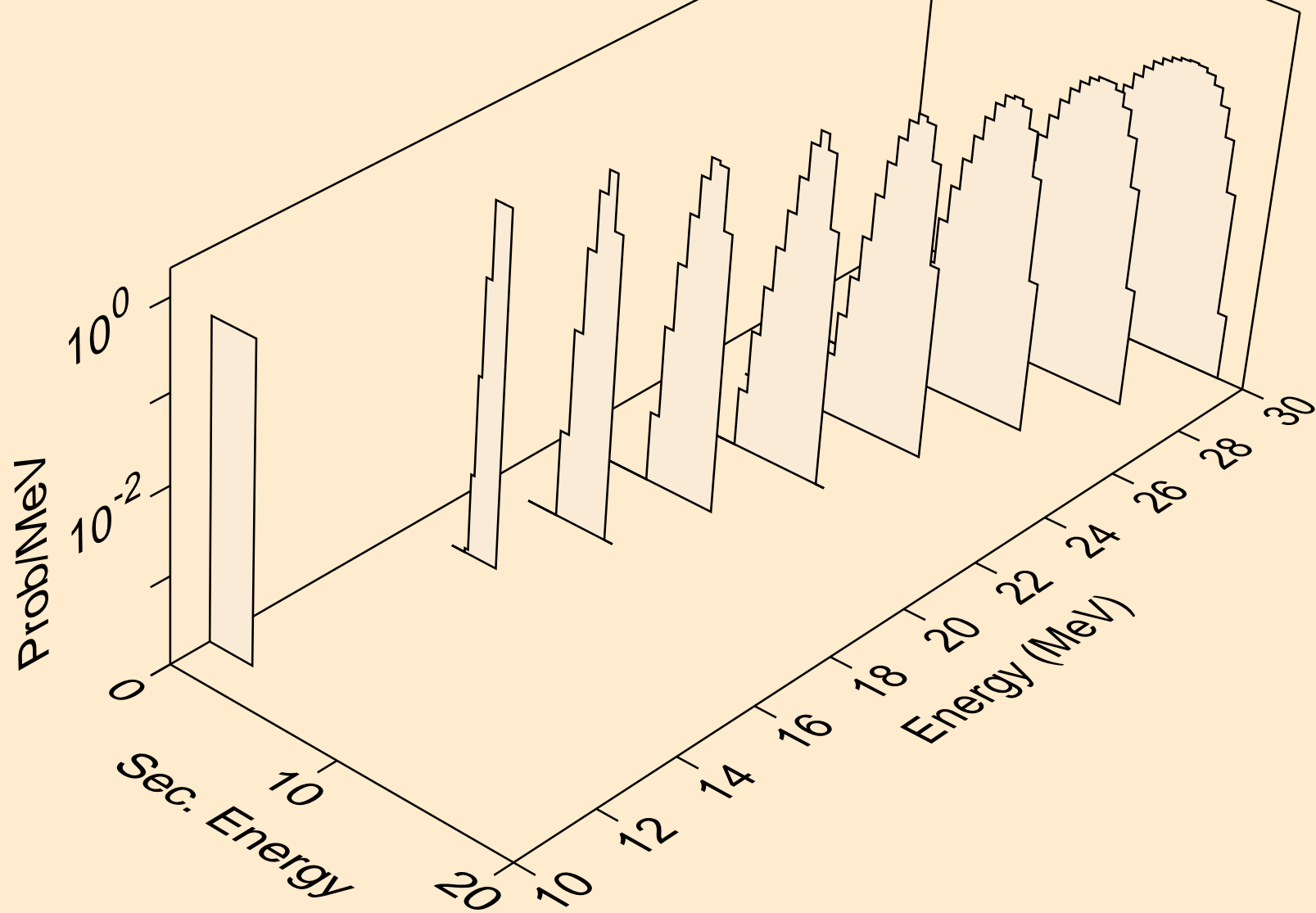


PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a

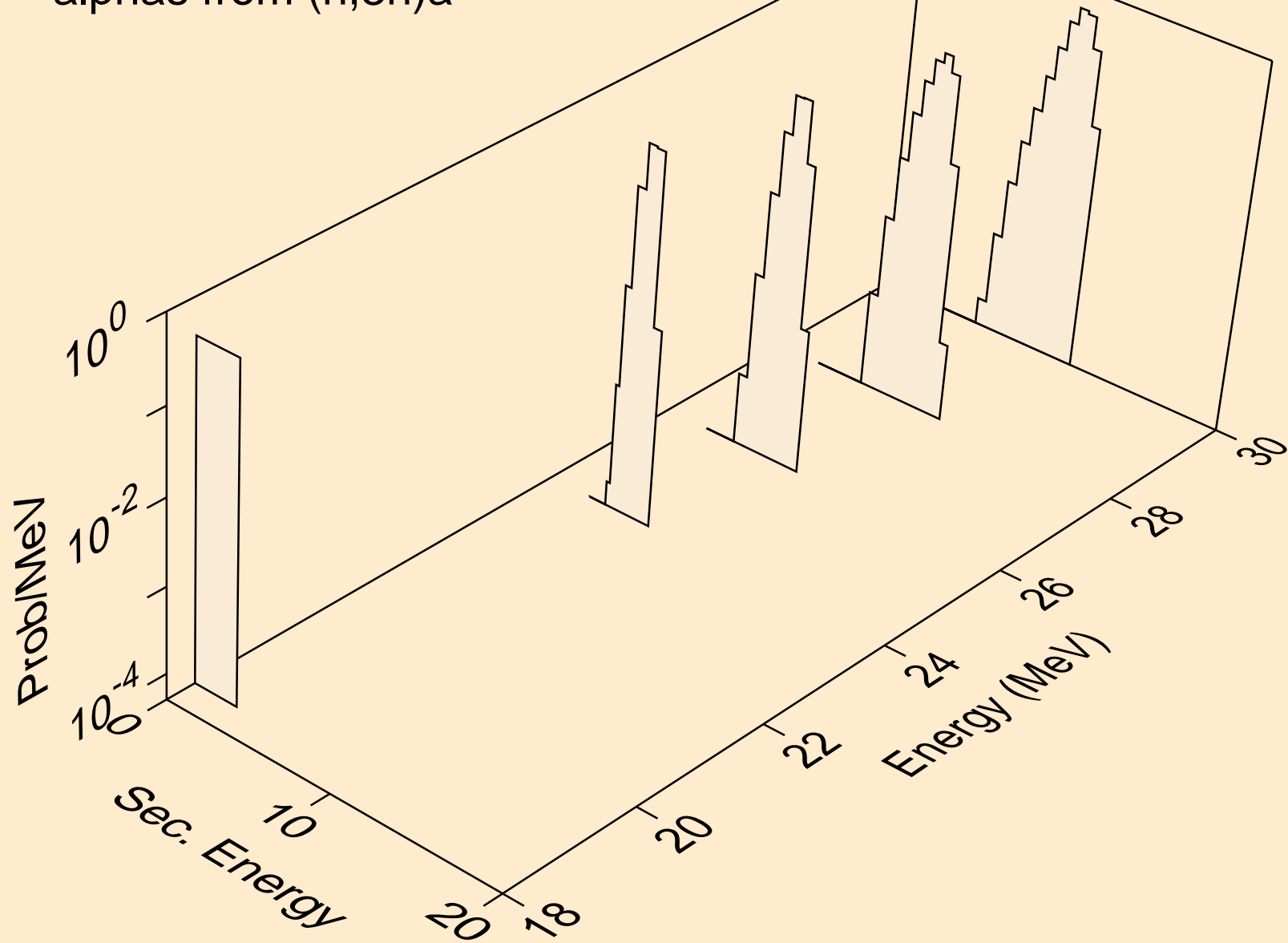




PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



PD115 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

