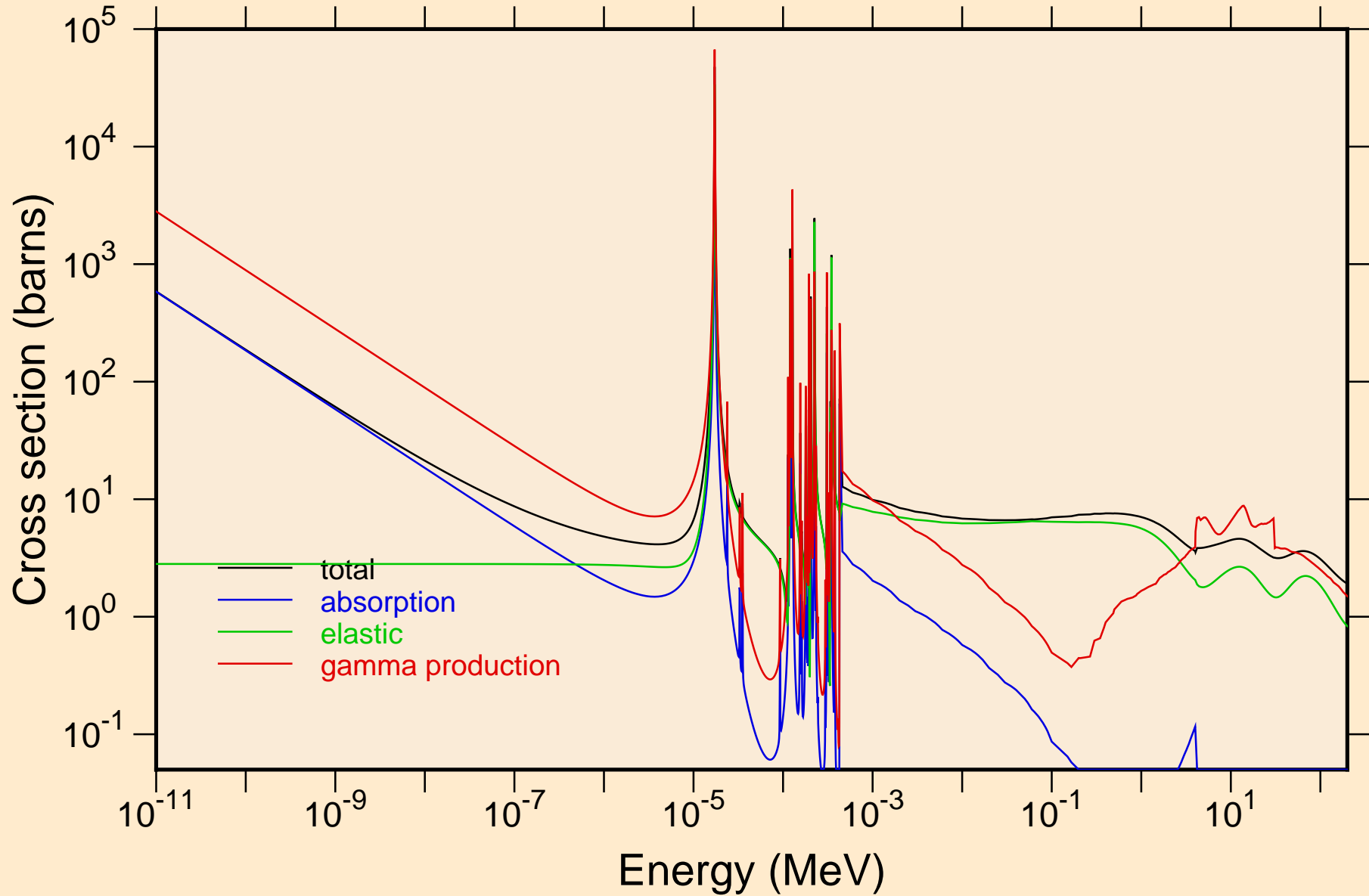
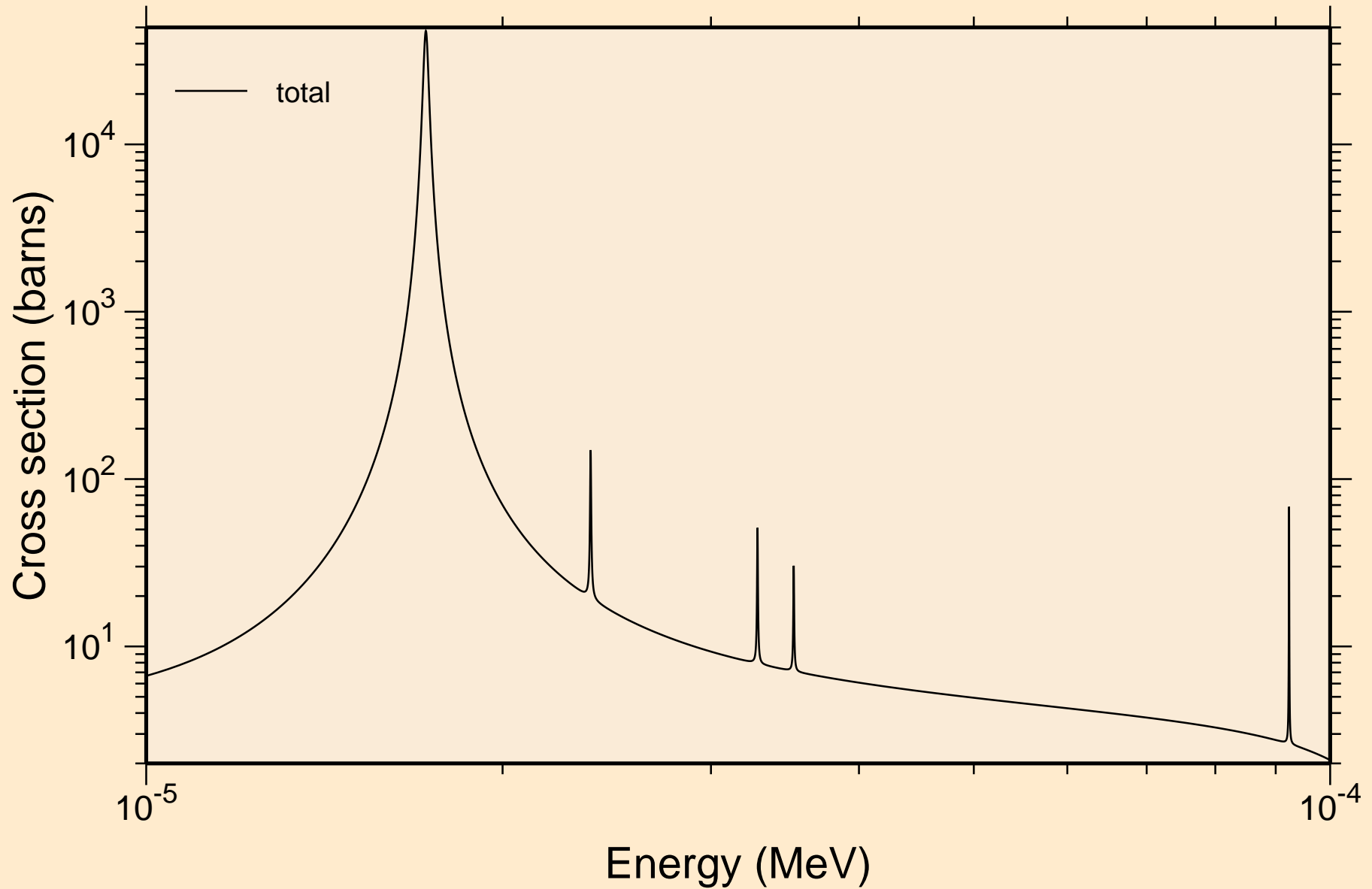


# PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

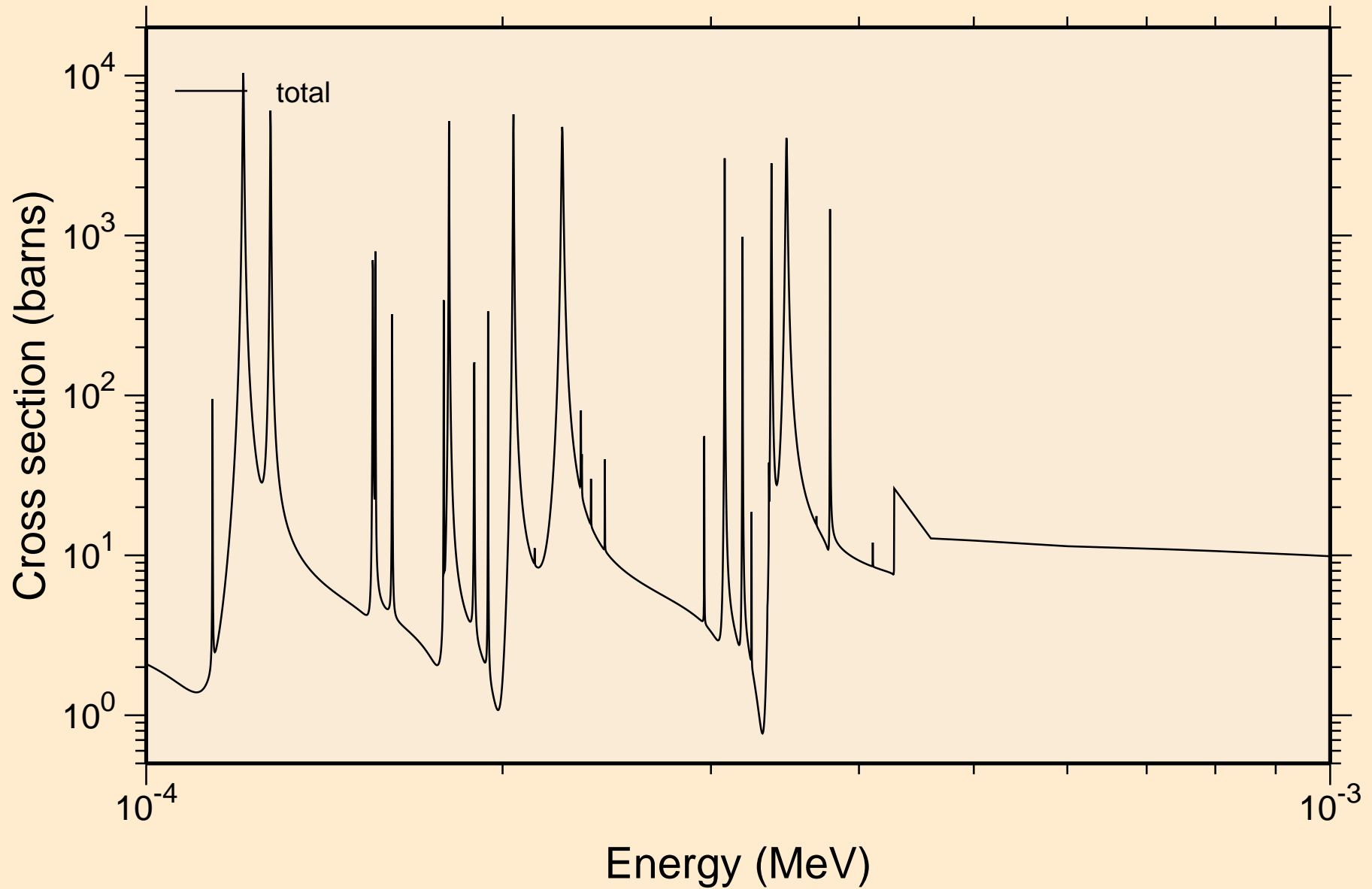
## Principal cross sections



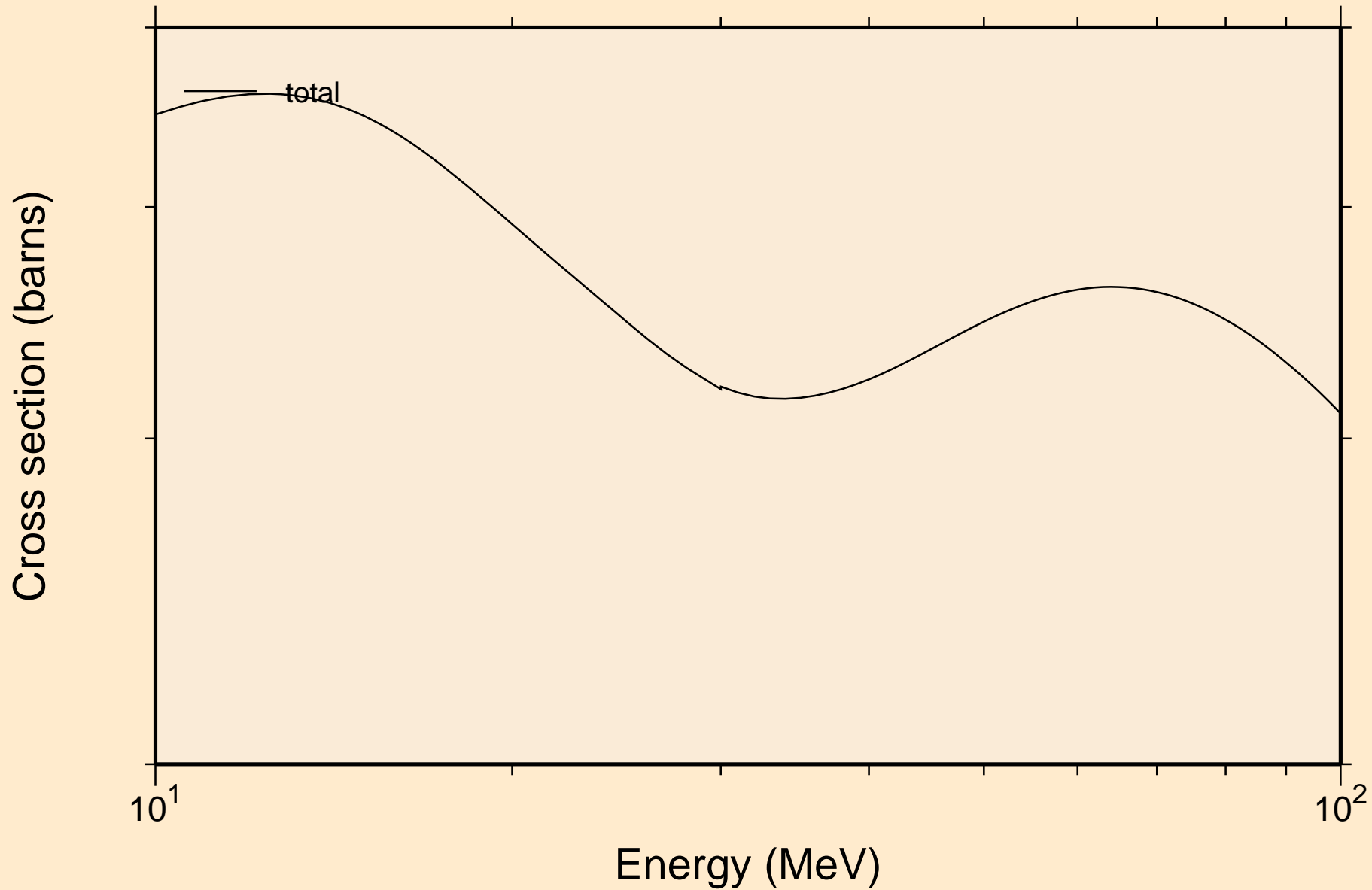
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



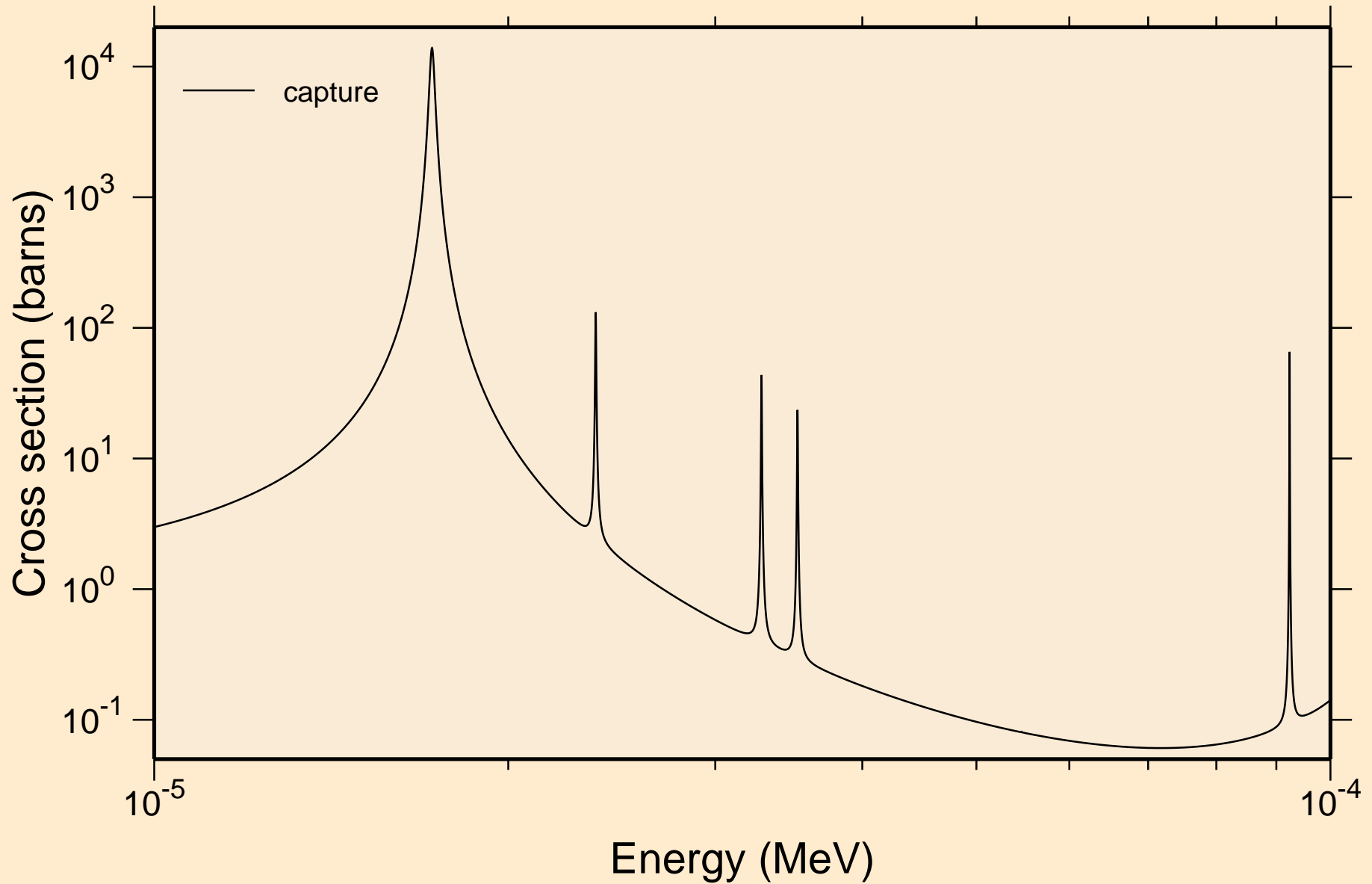
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



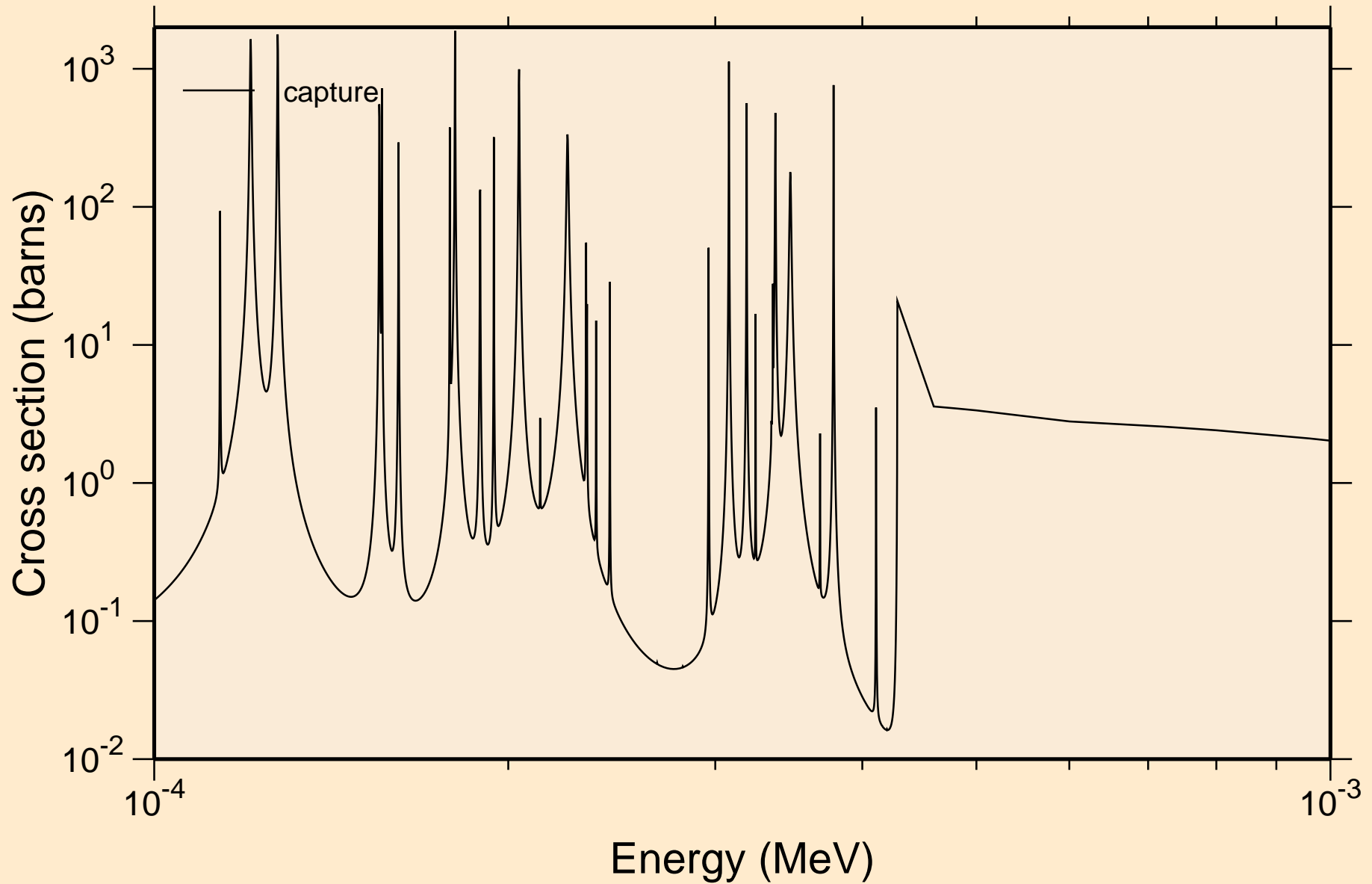
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



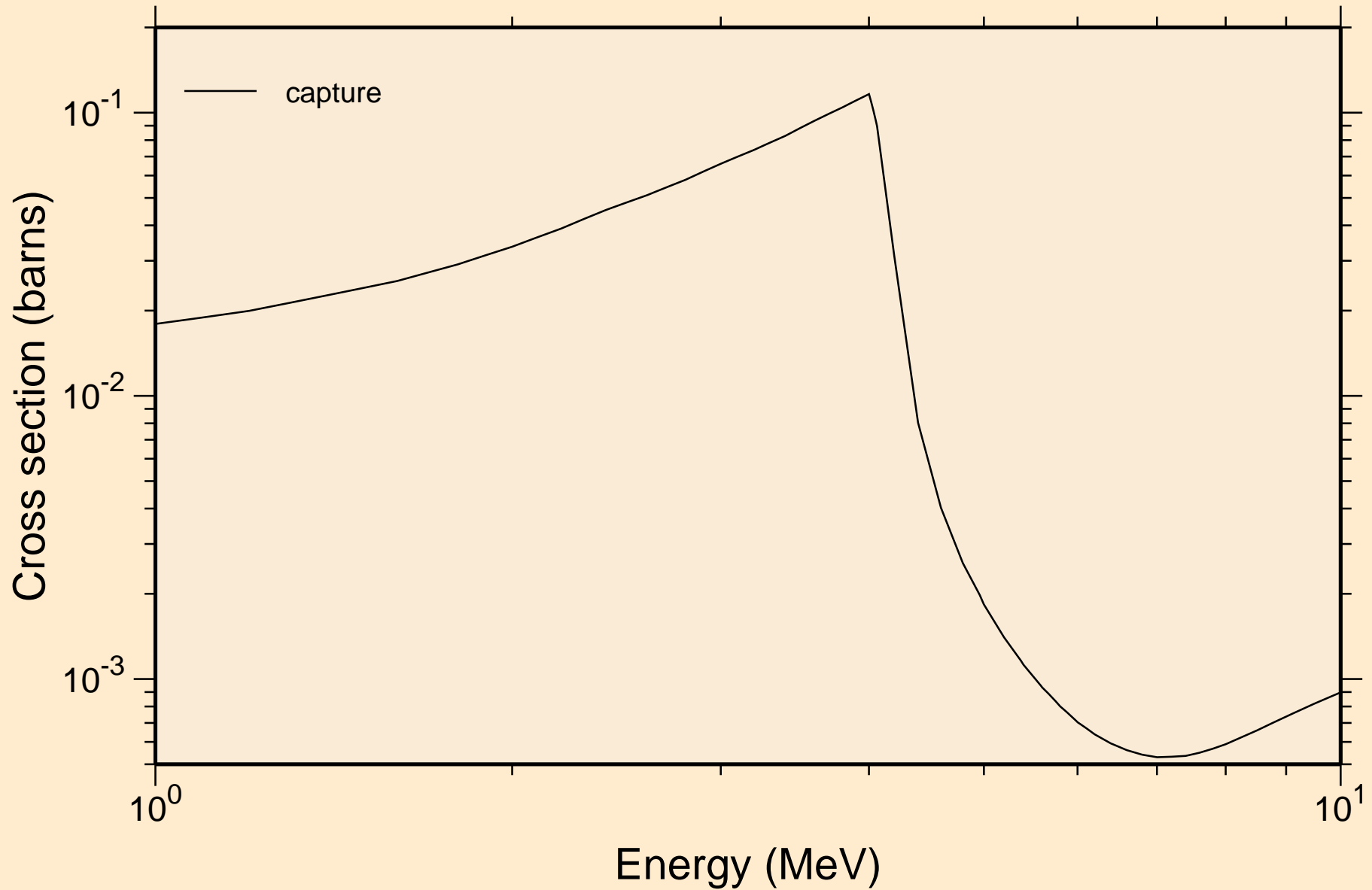
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



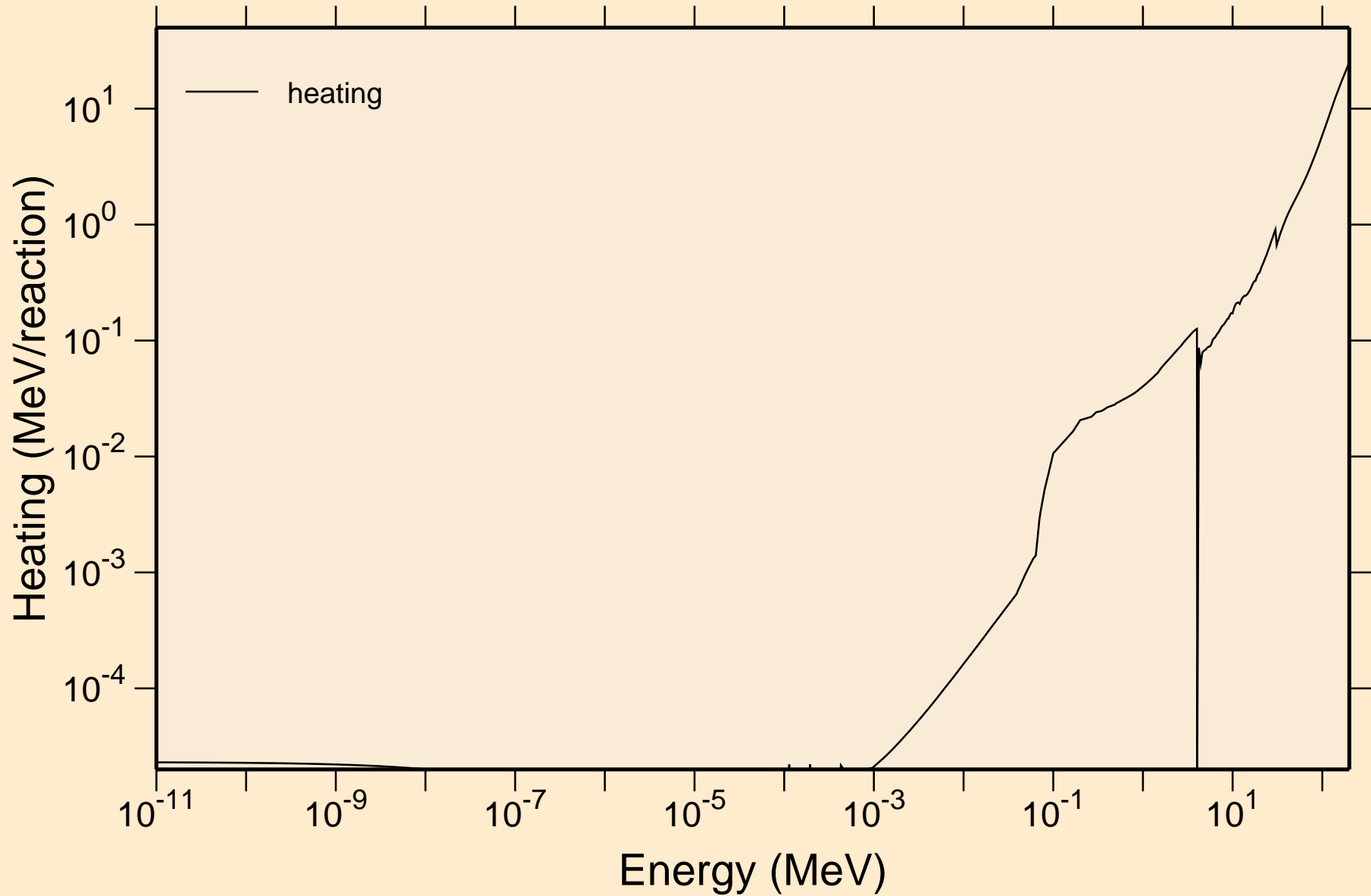
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

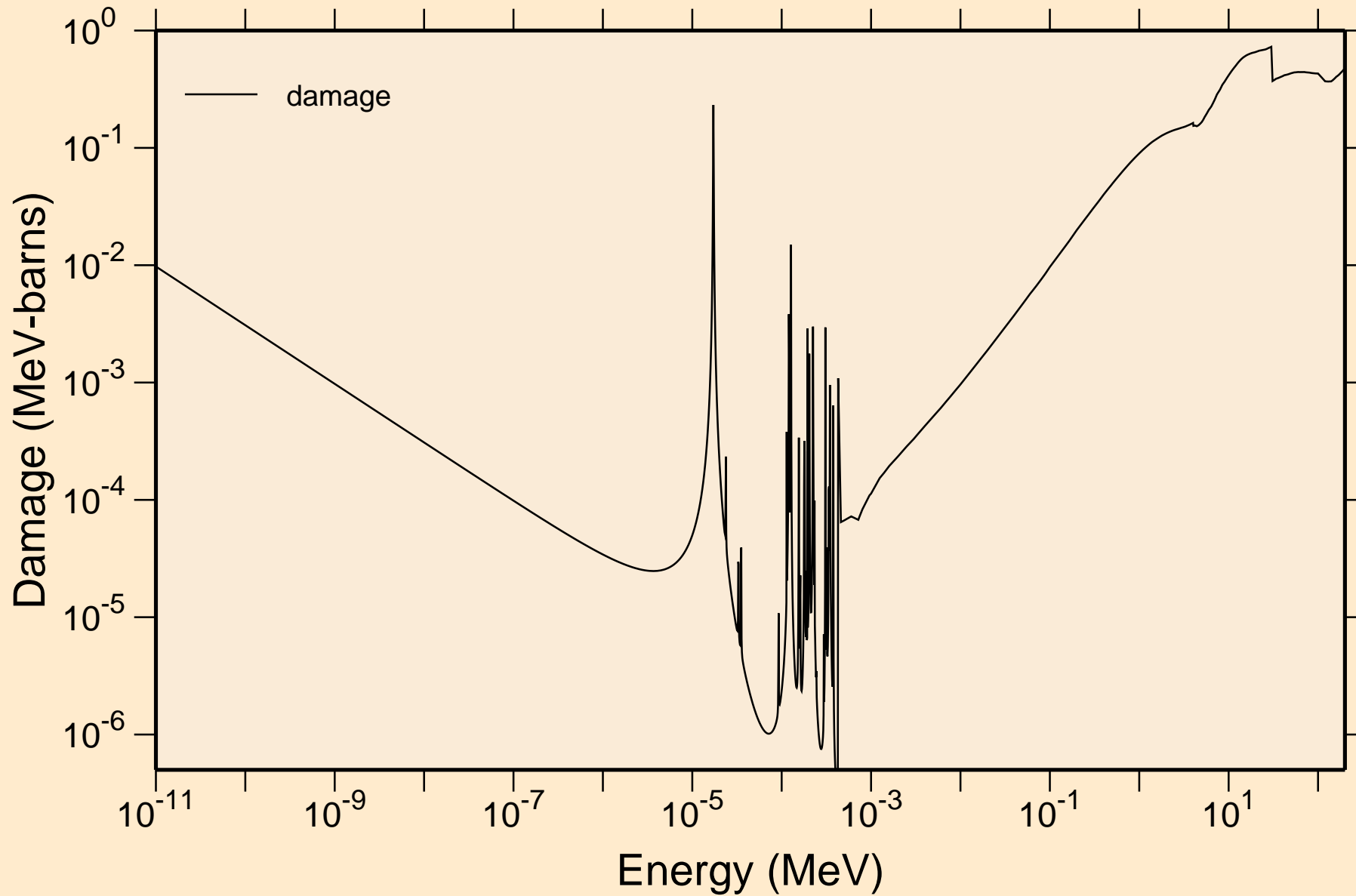


PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

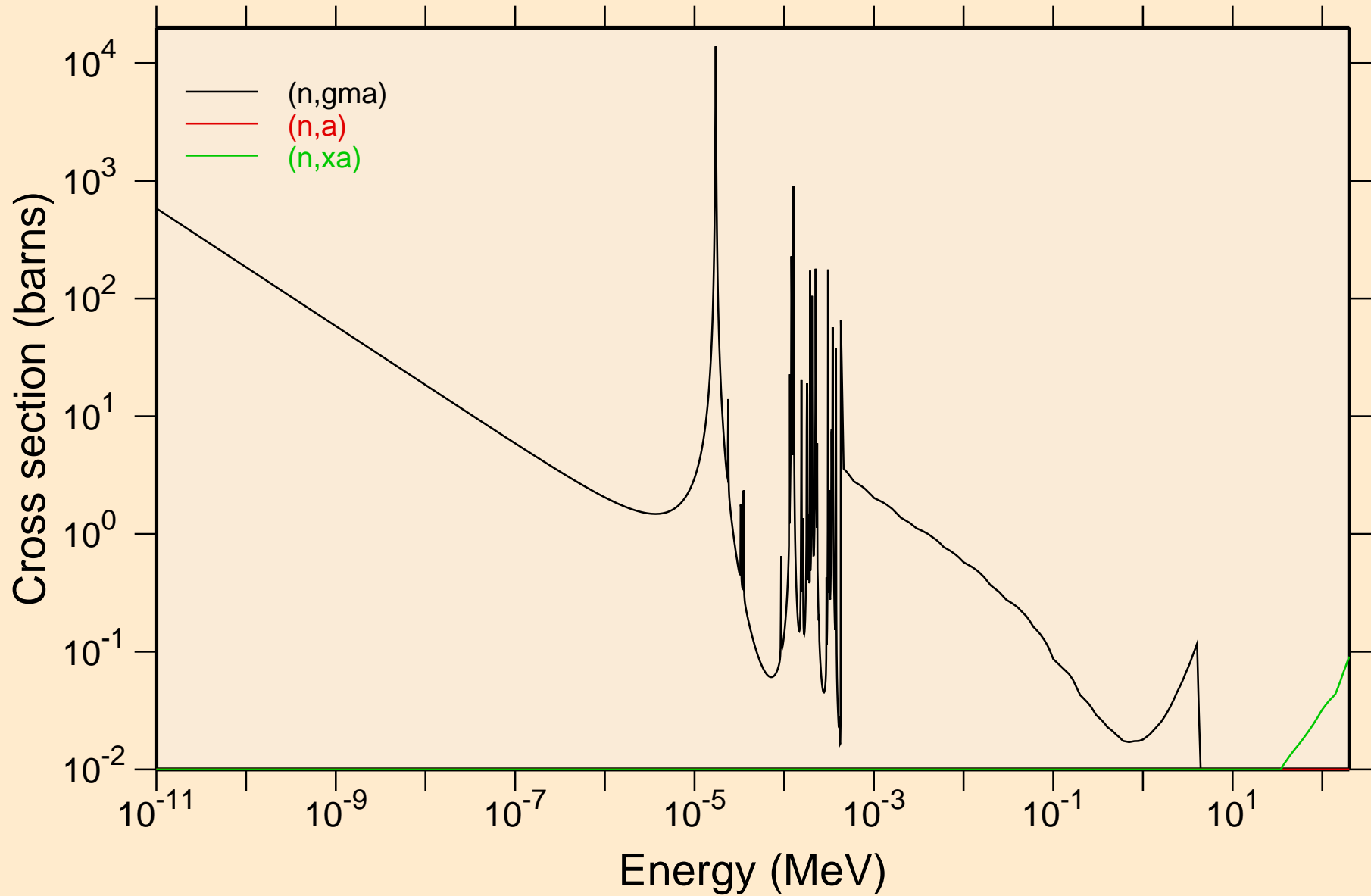




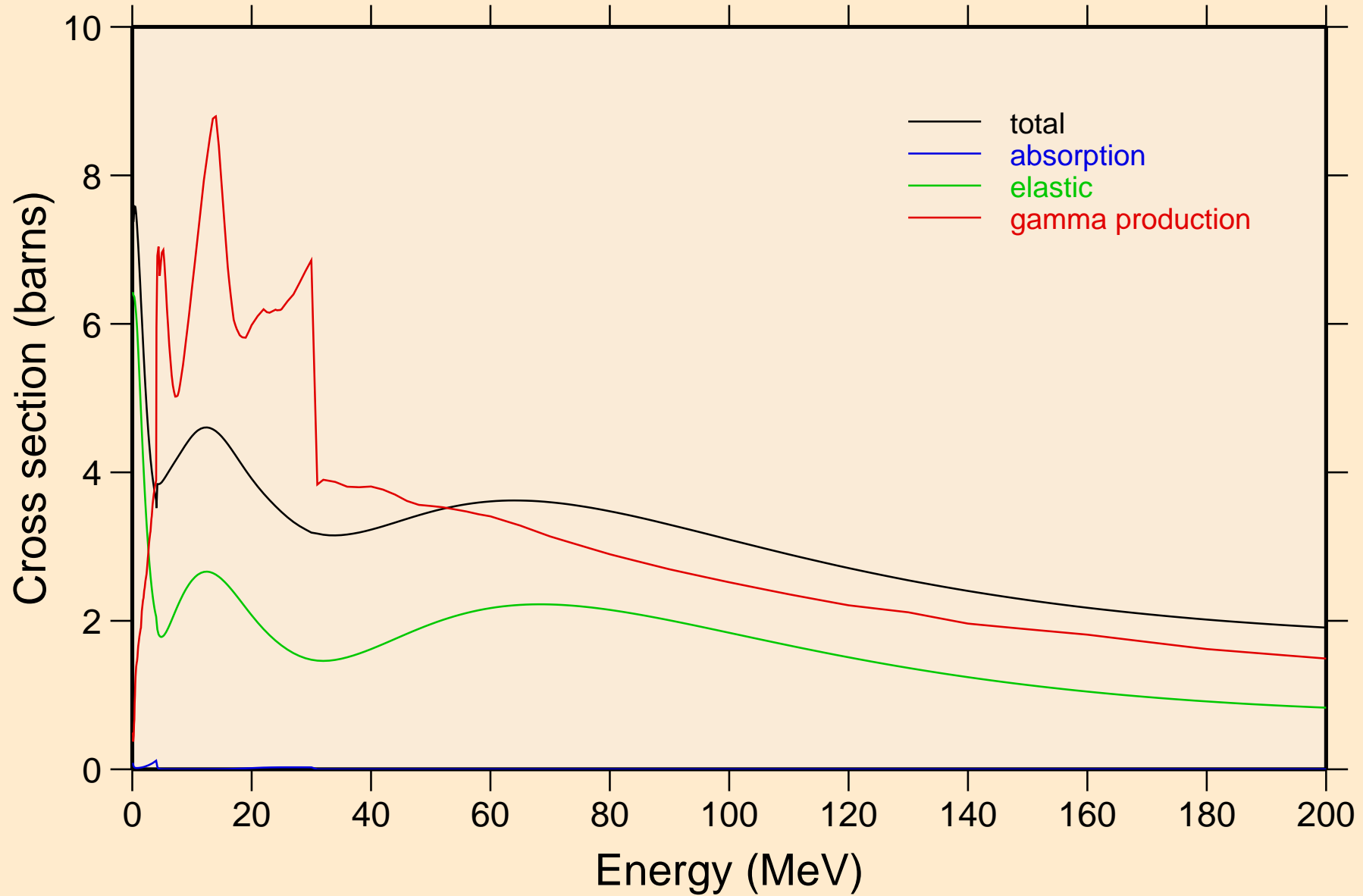
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

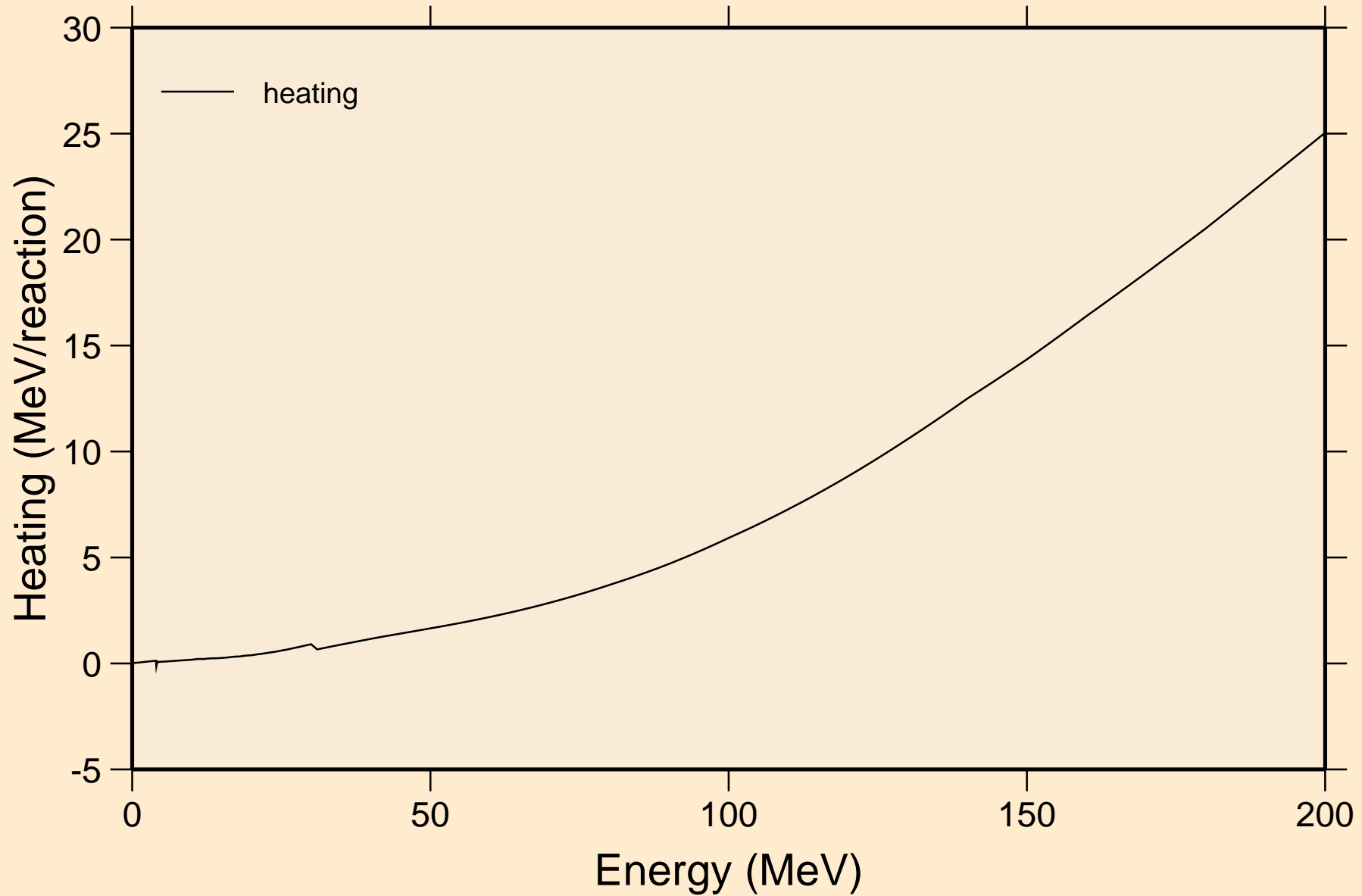


PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

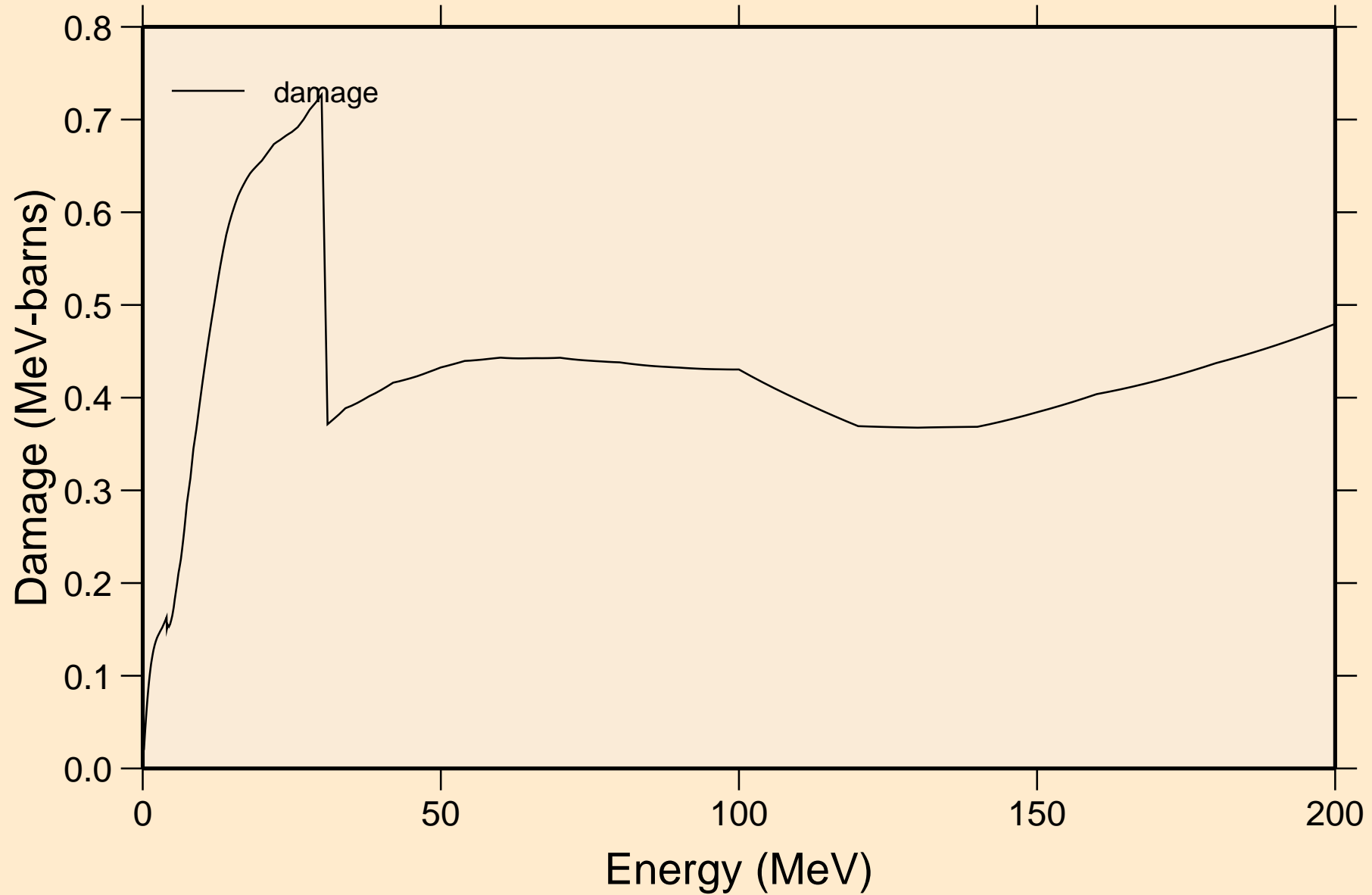


# PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

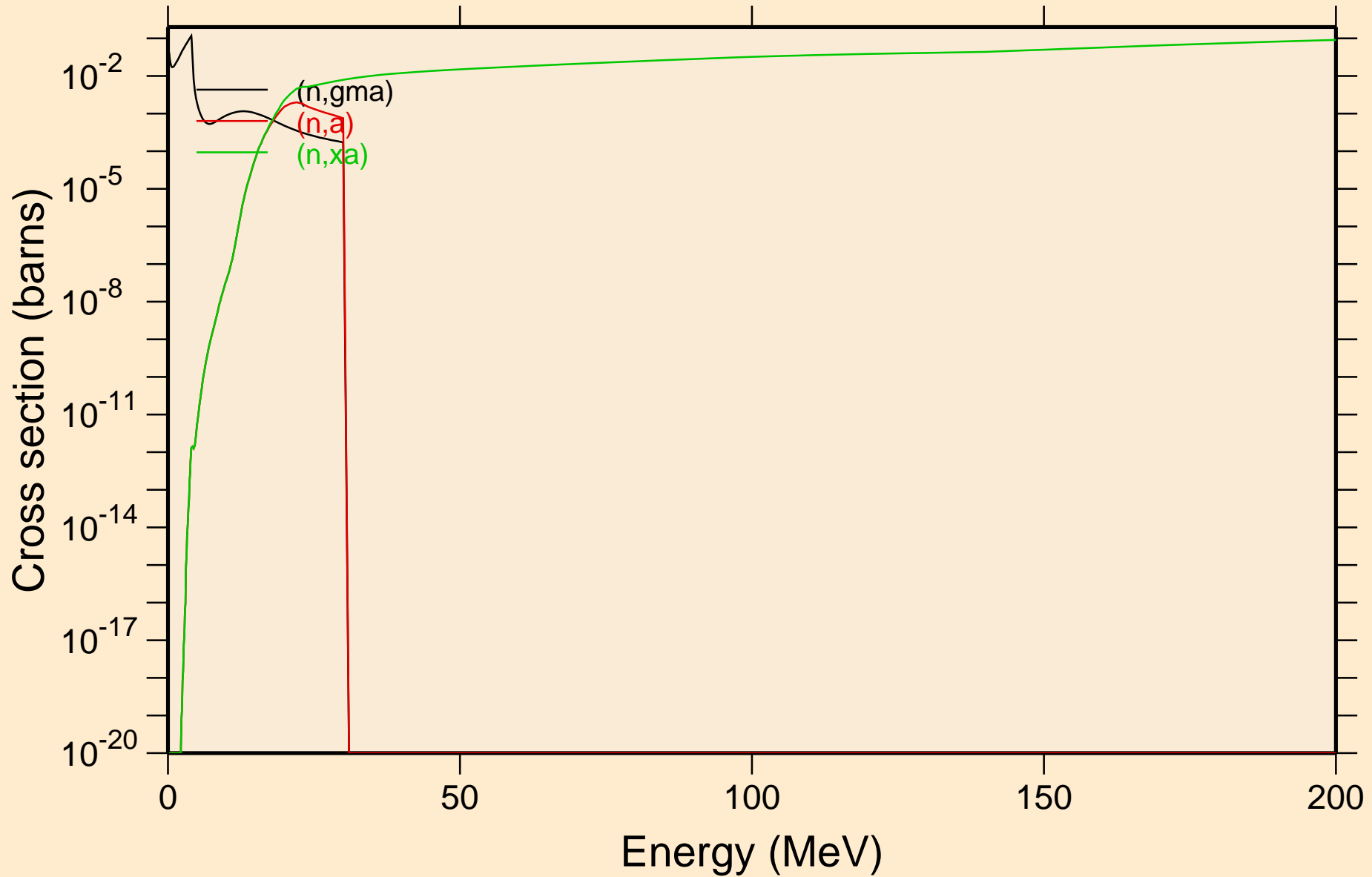
## Heating



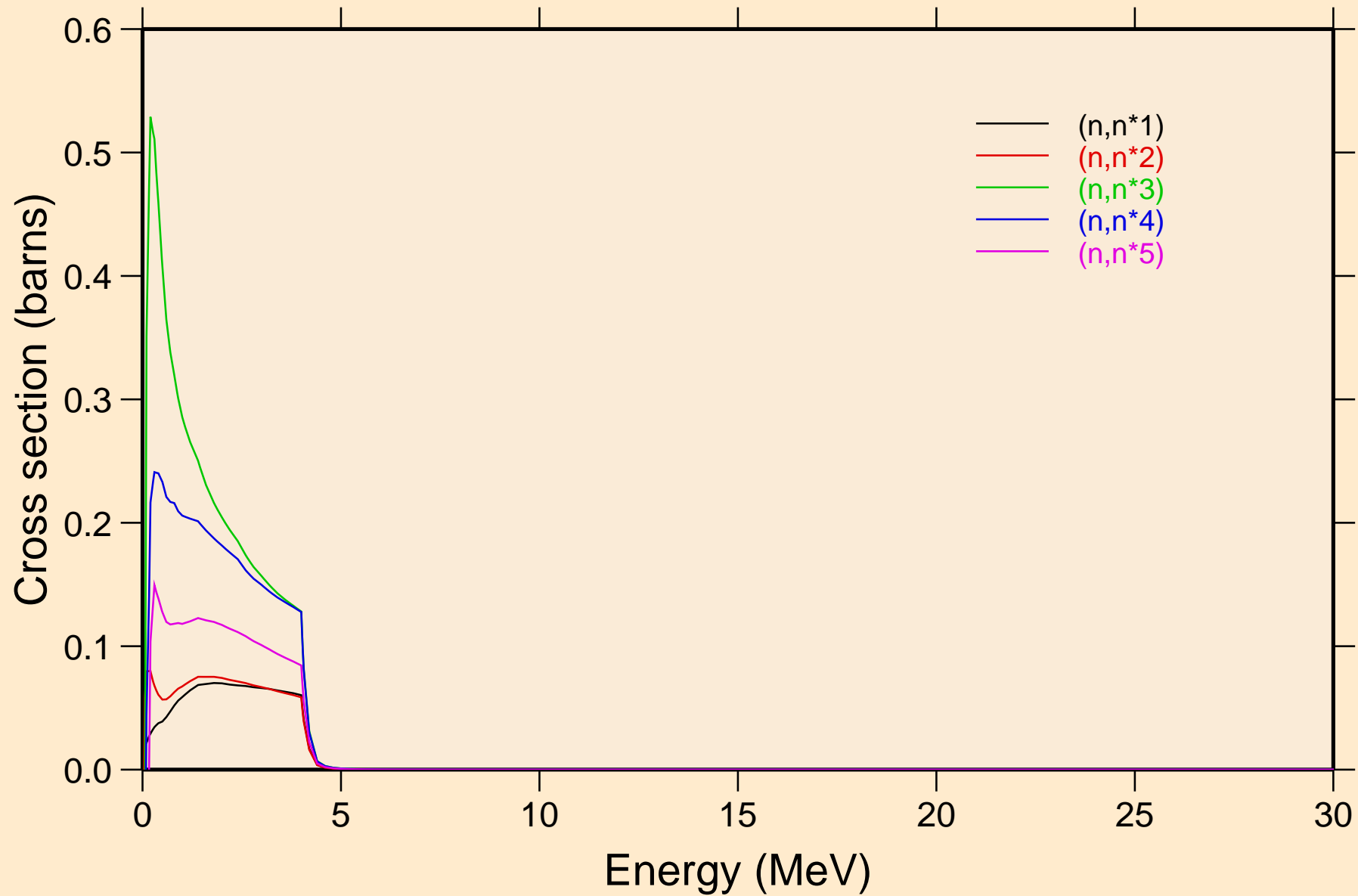
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



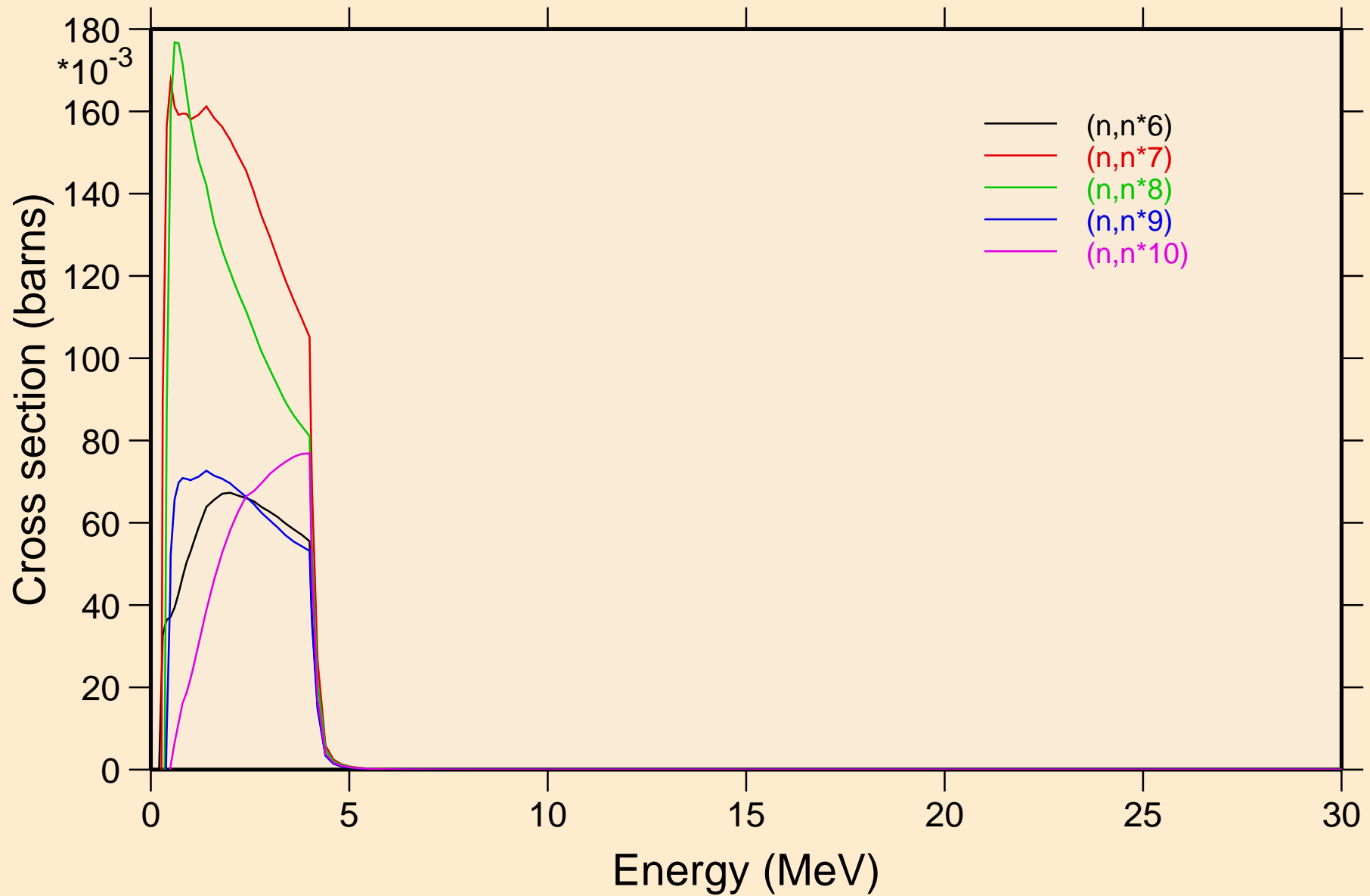
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

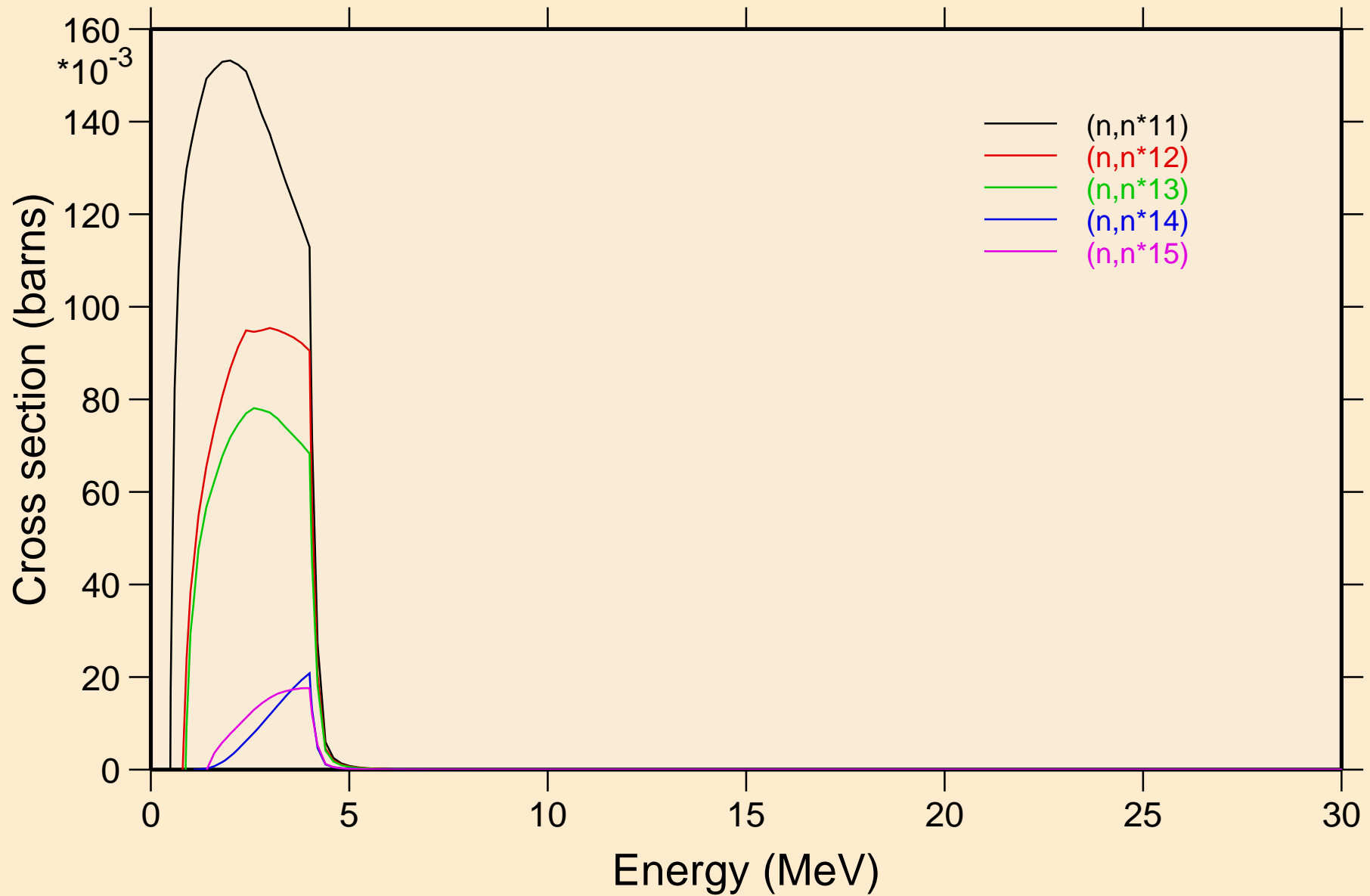


PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

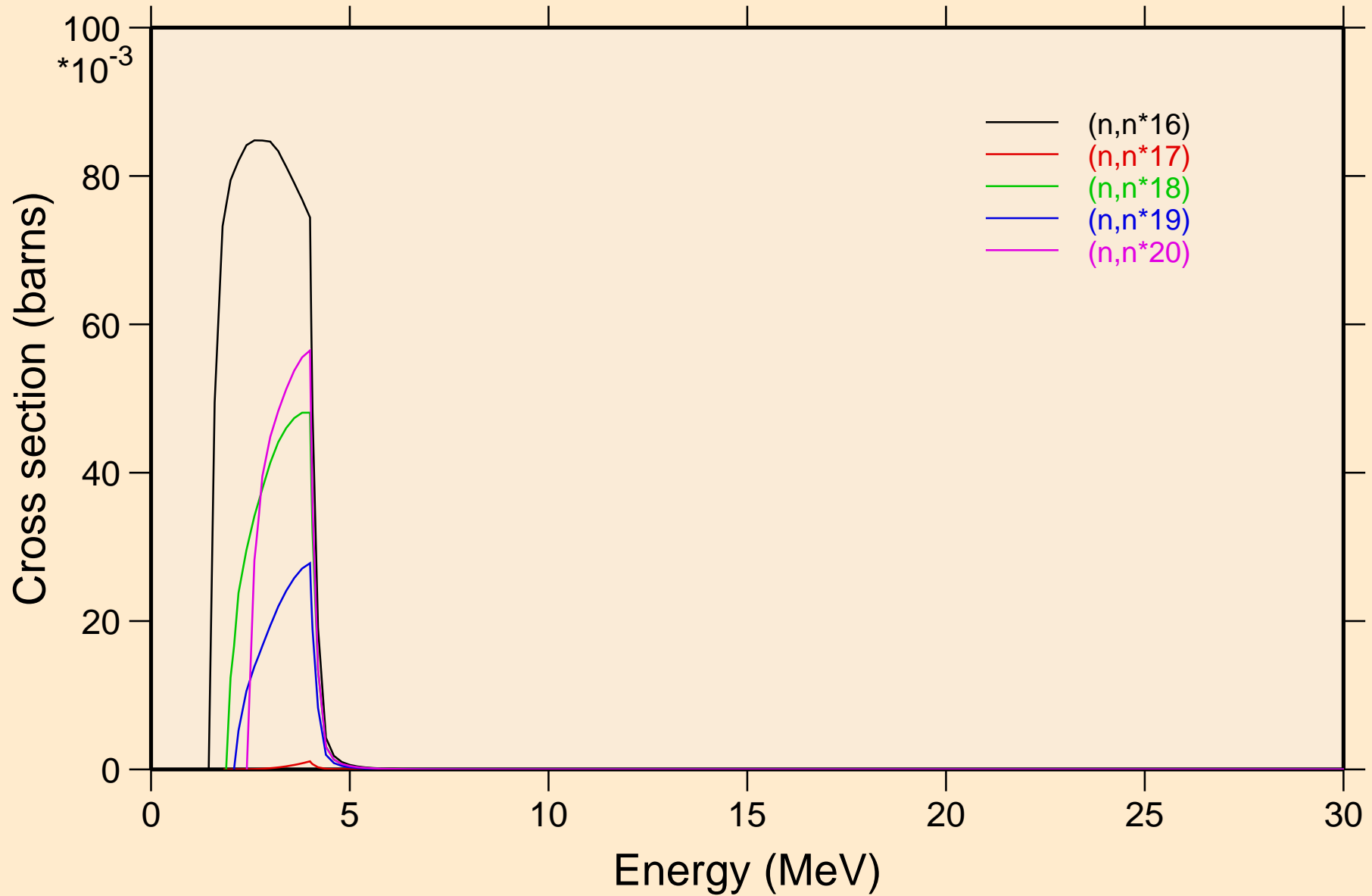




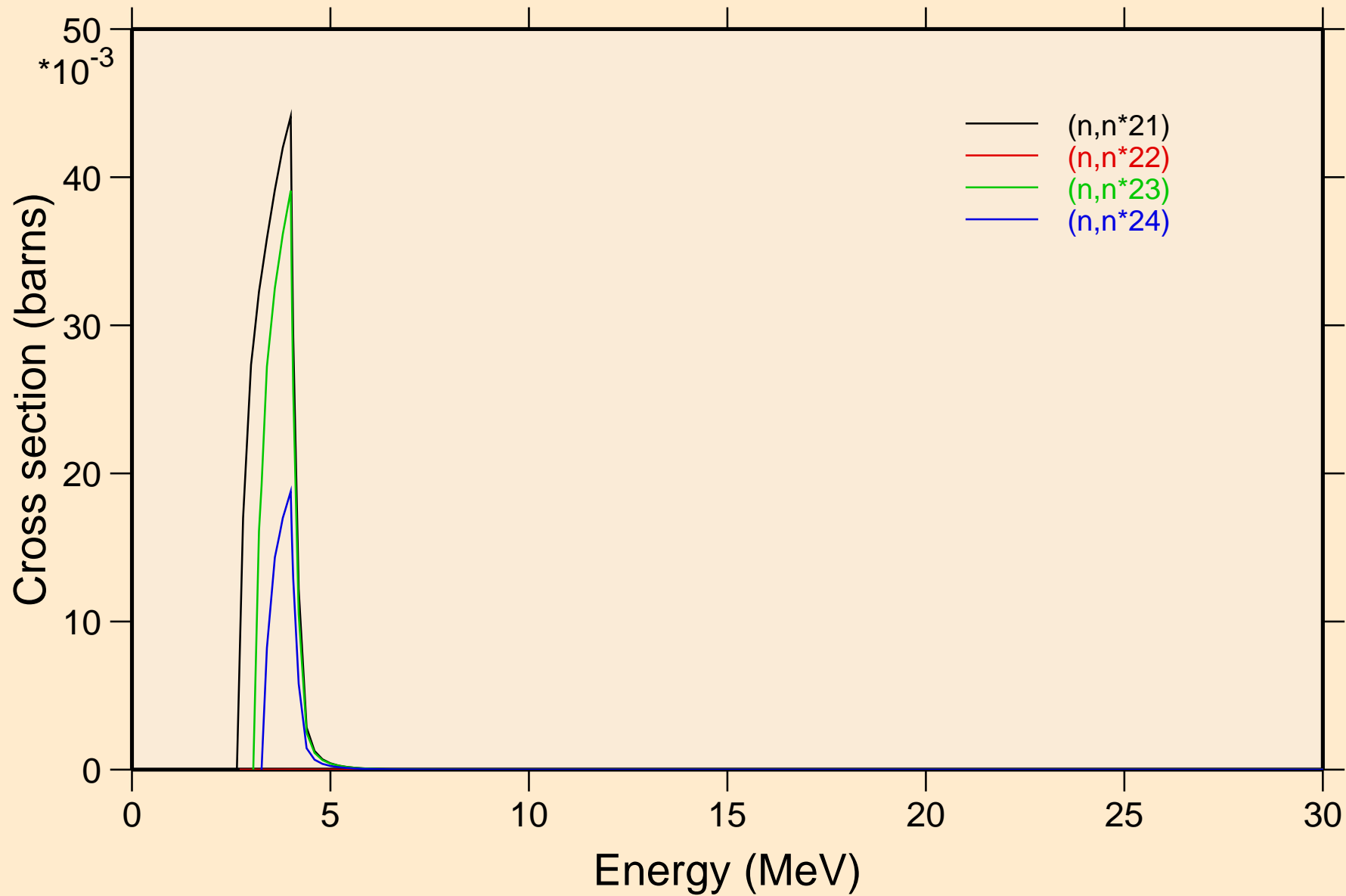
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



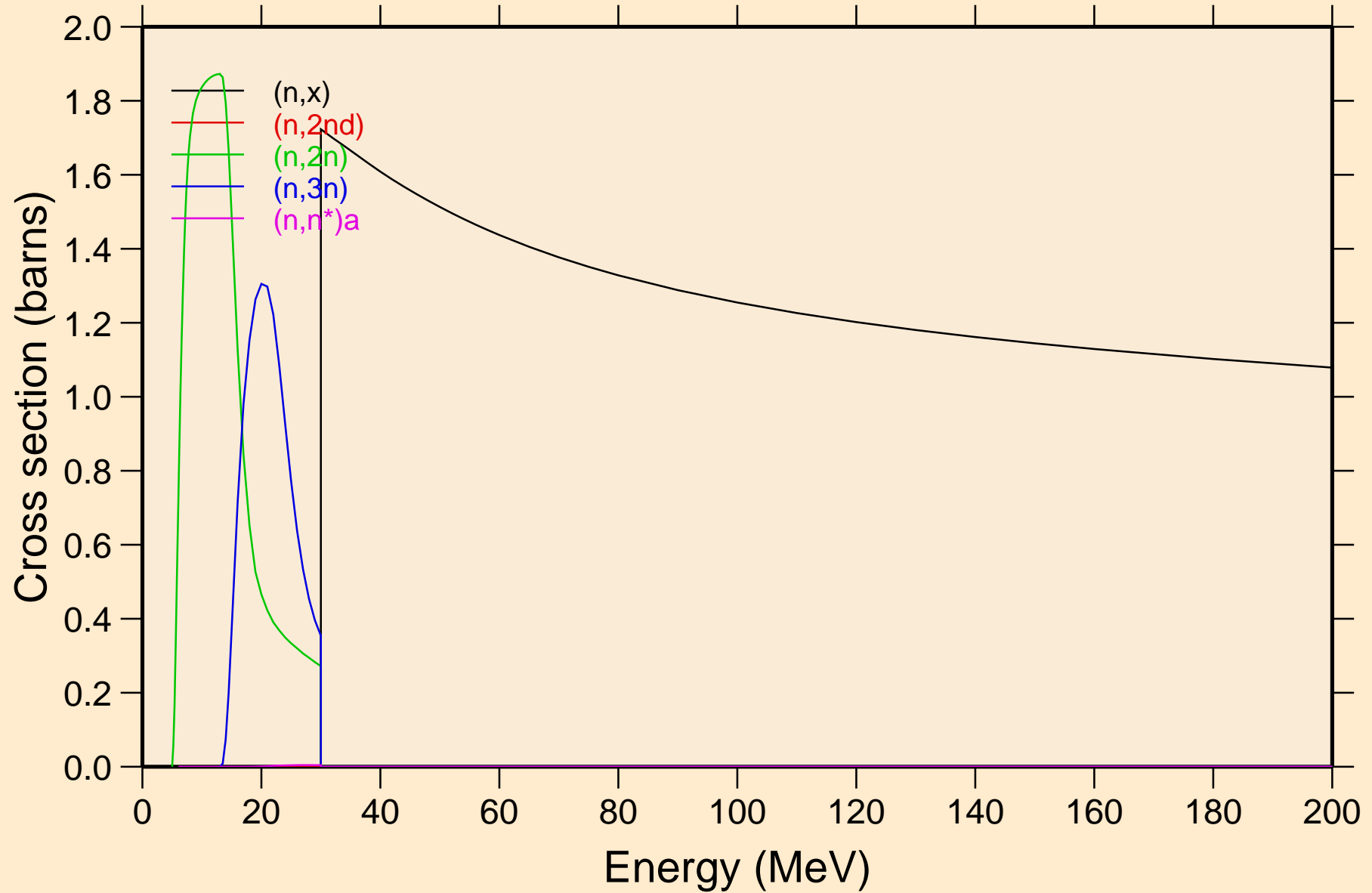
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Inelastic levels



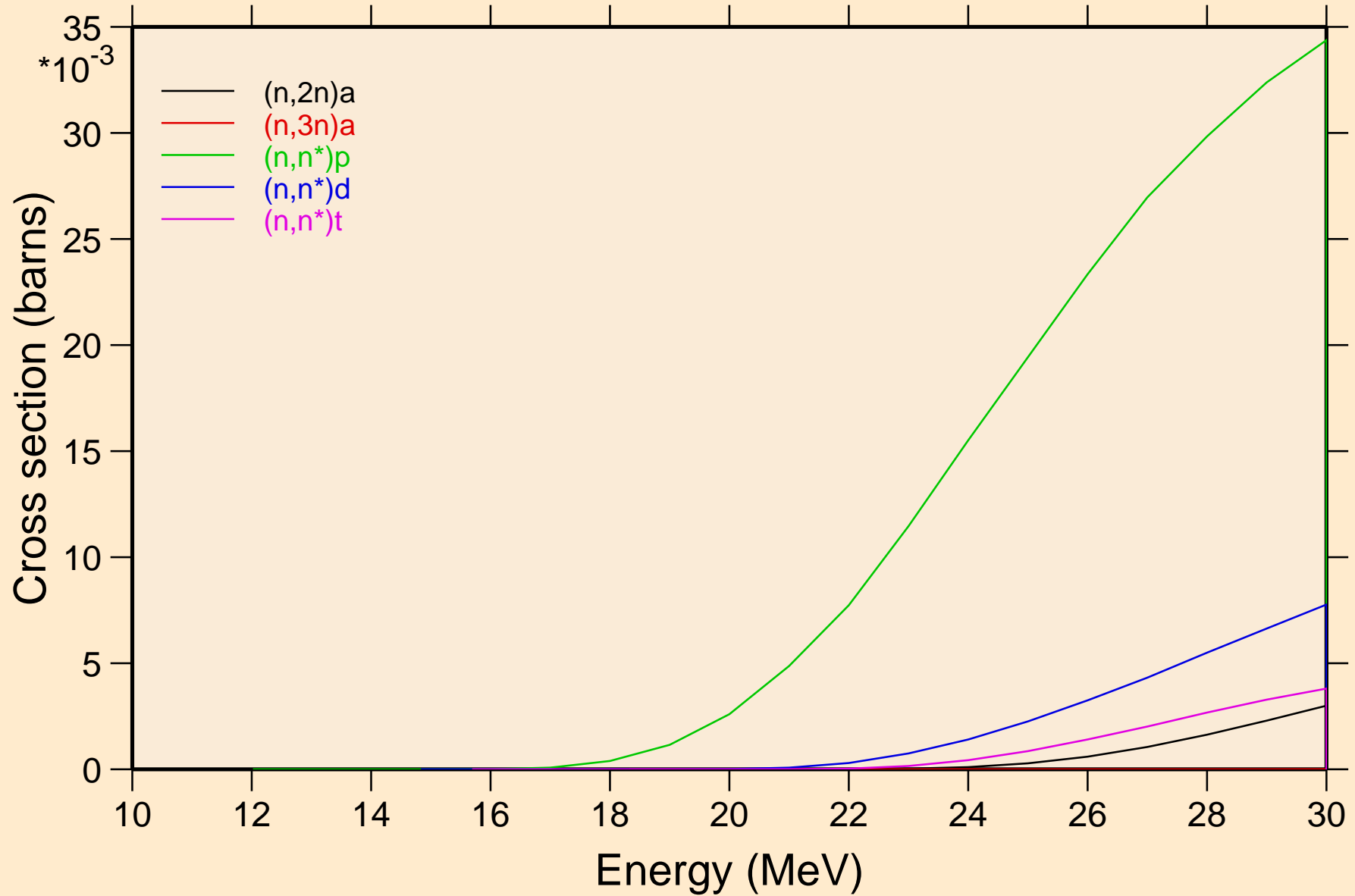
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Inelastic levels



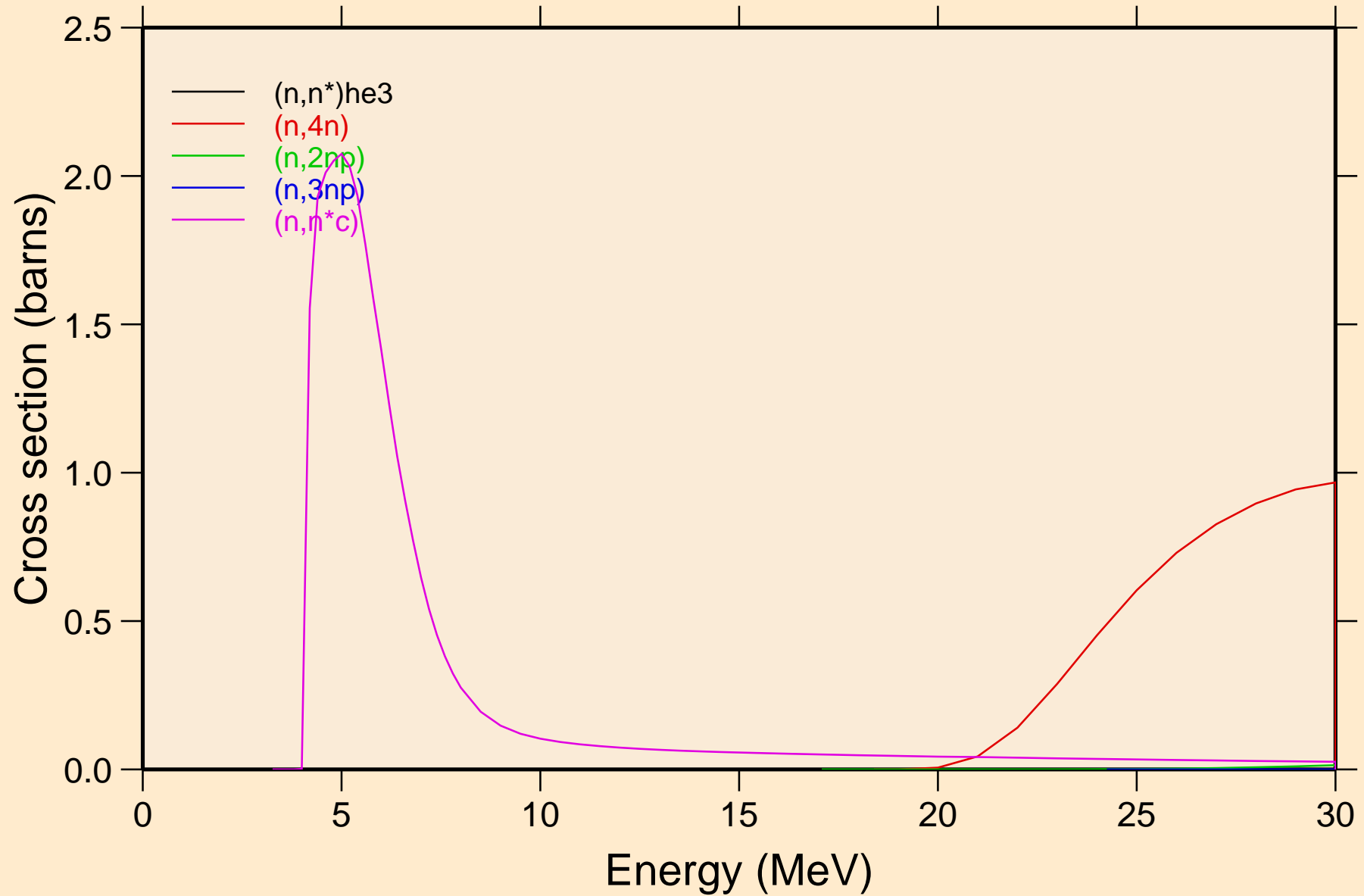
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Threshold reactions



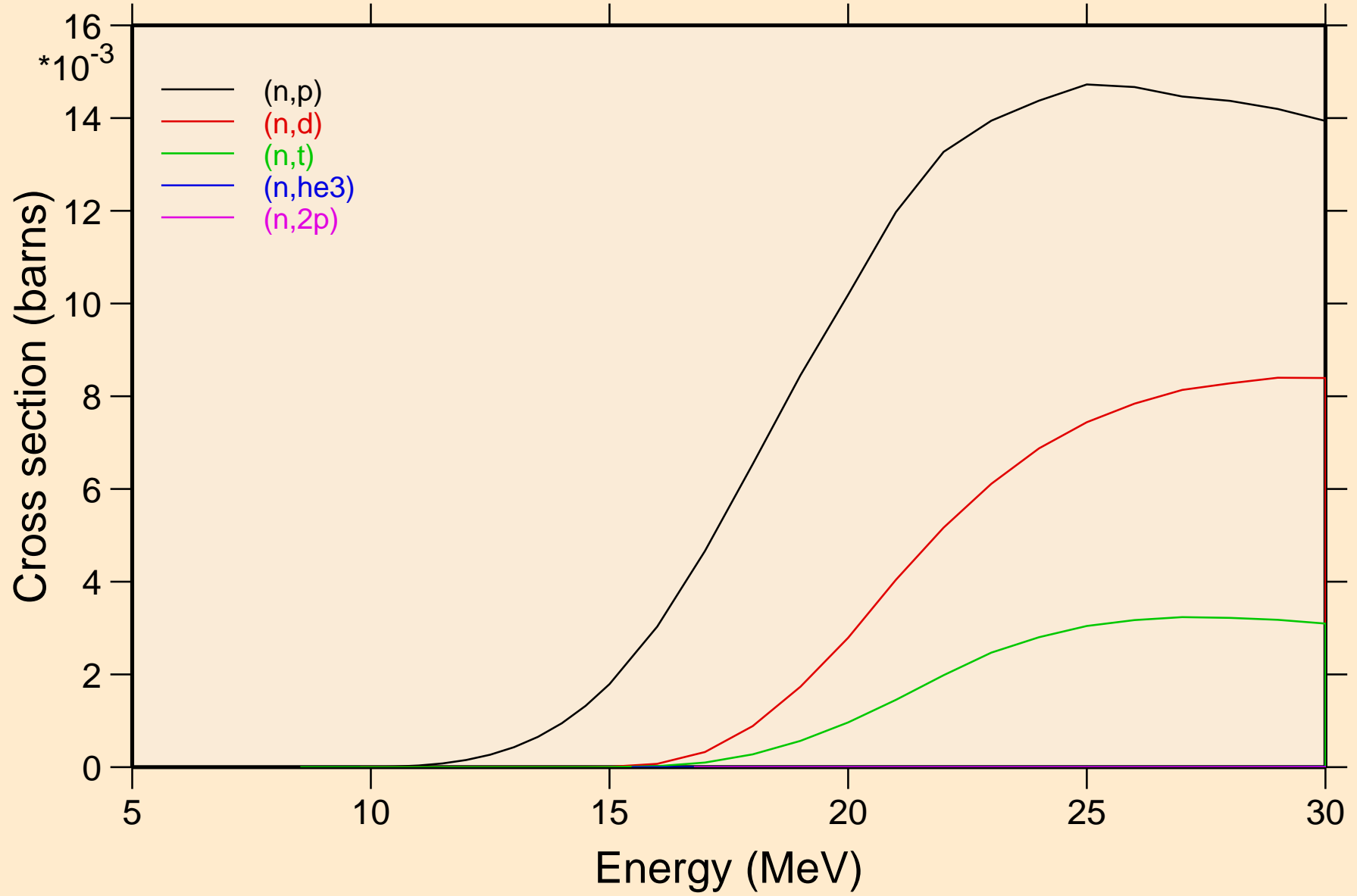
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



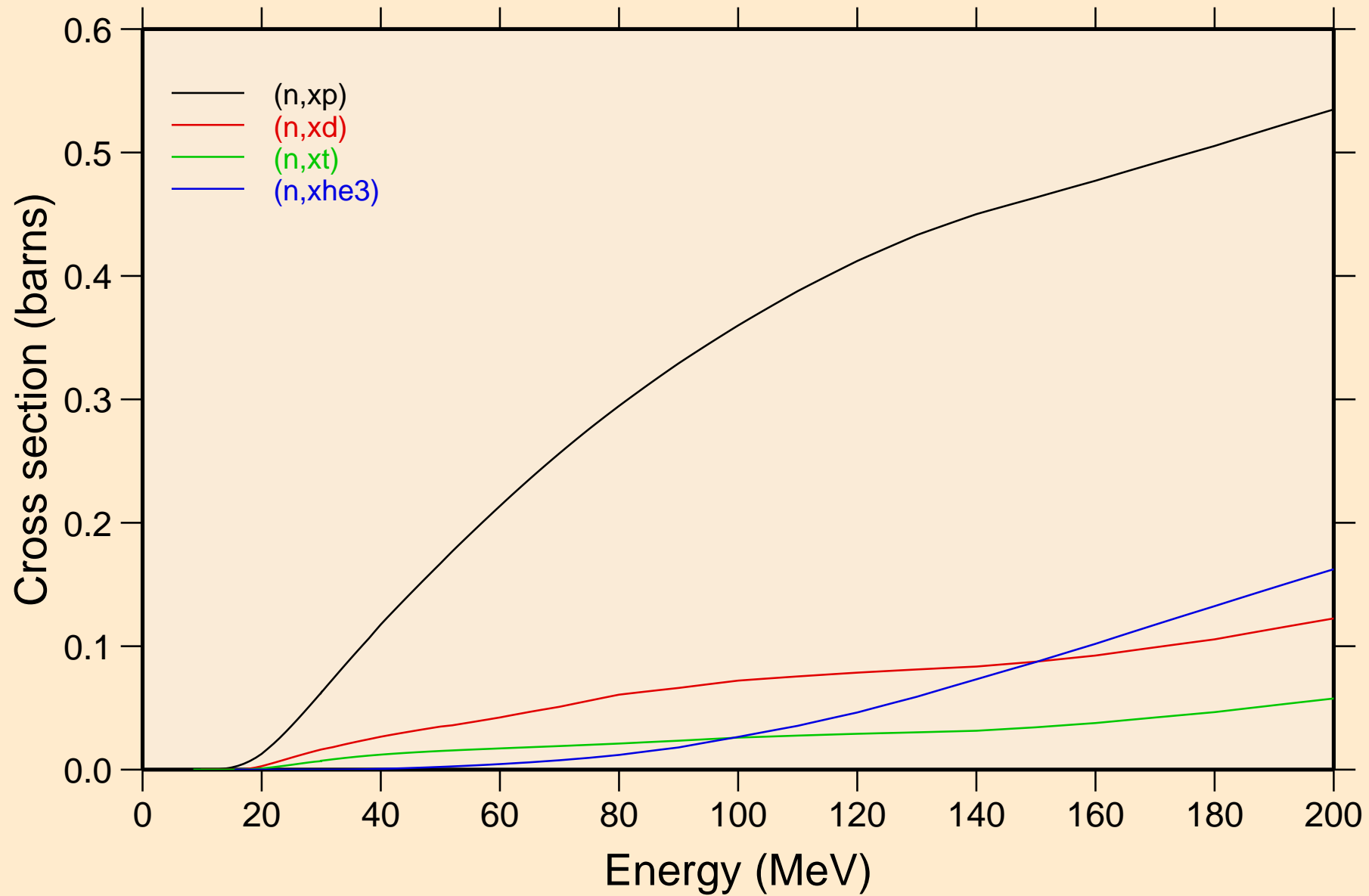
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

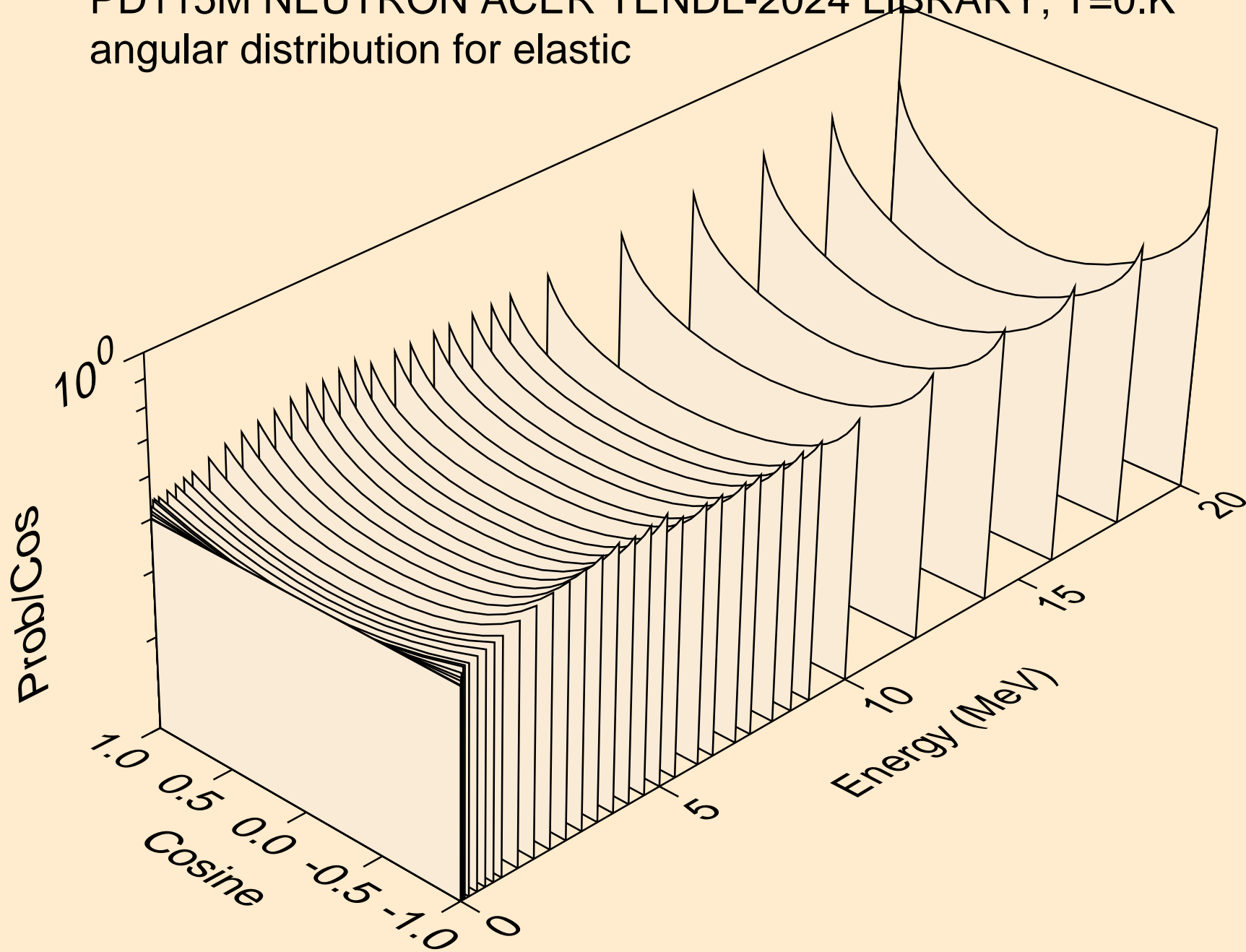


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Threshold reactions

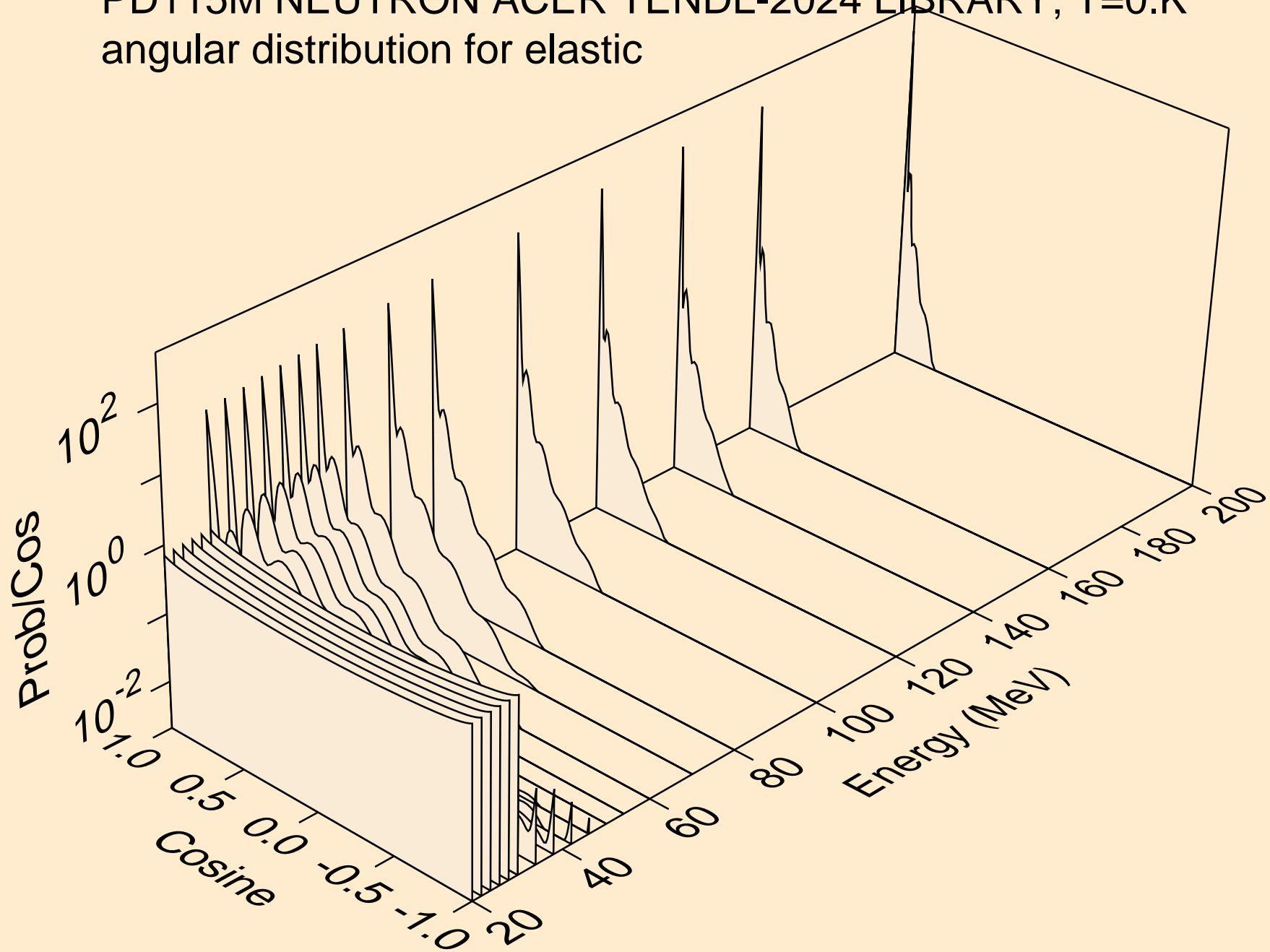




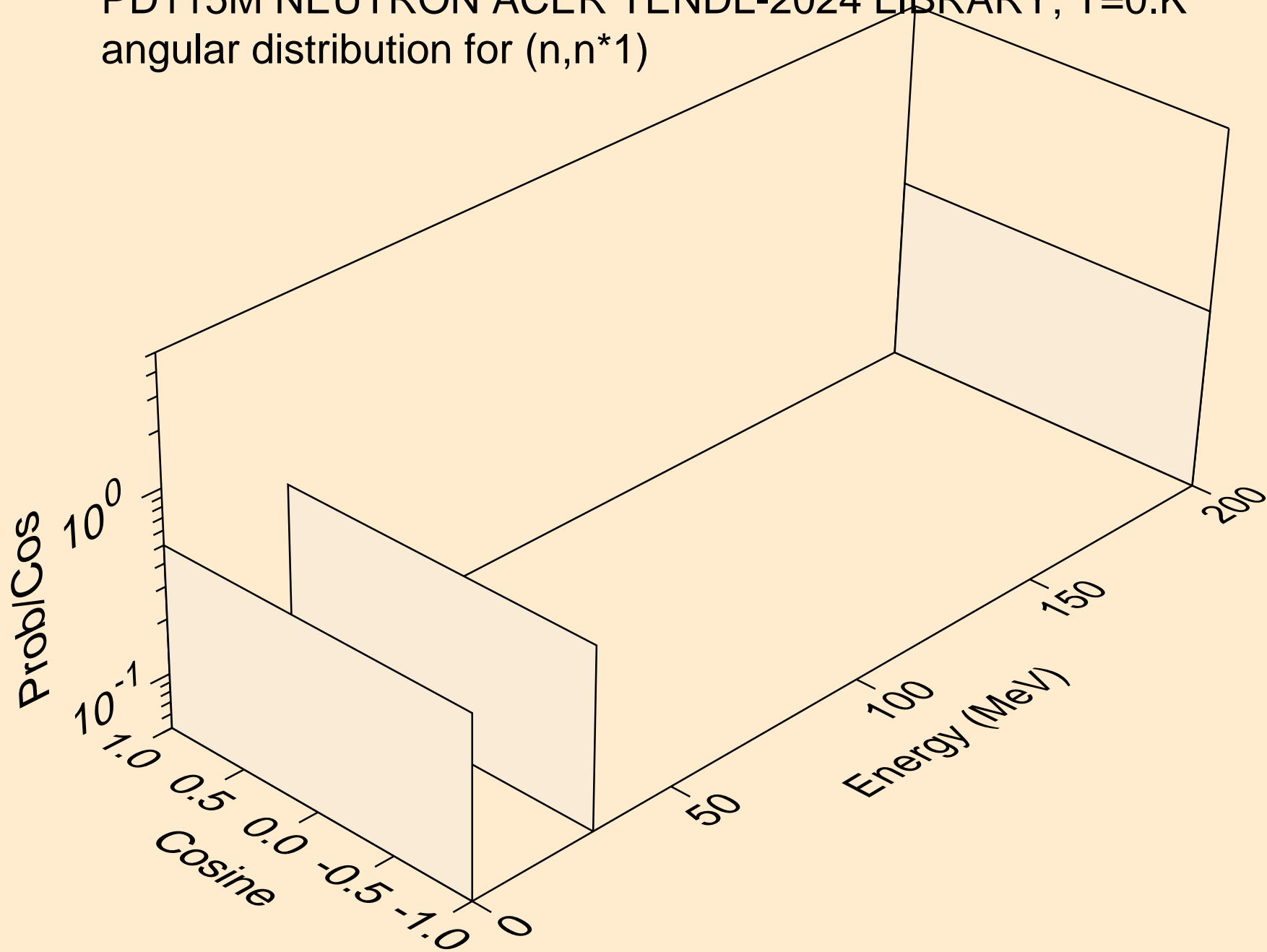
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



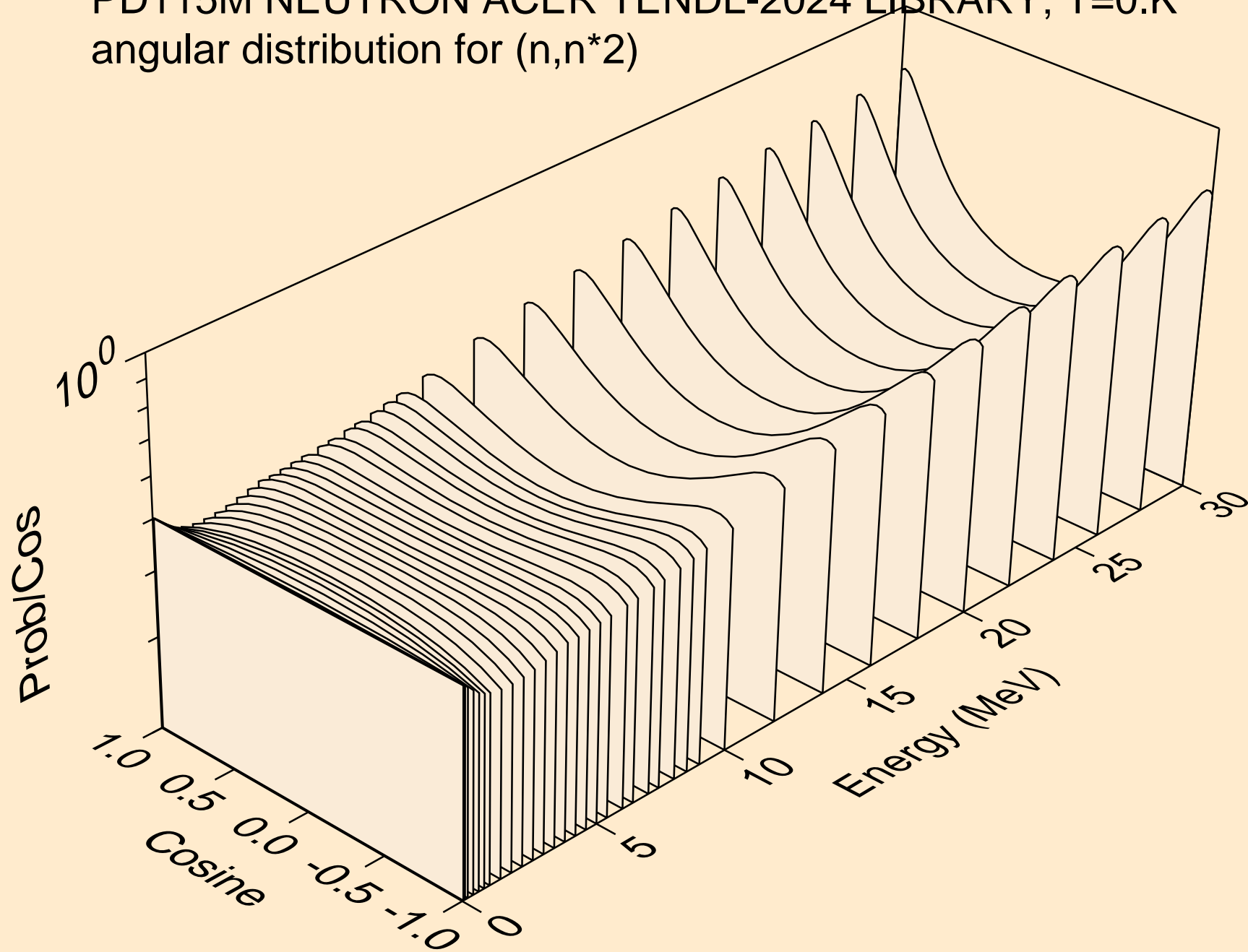
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angular distribution for elastic



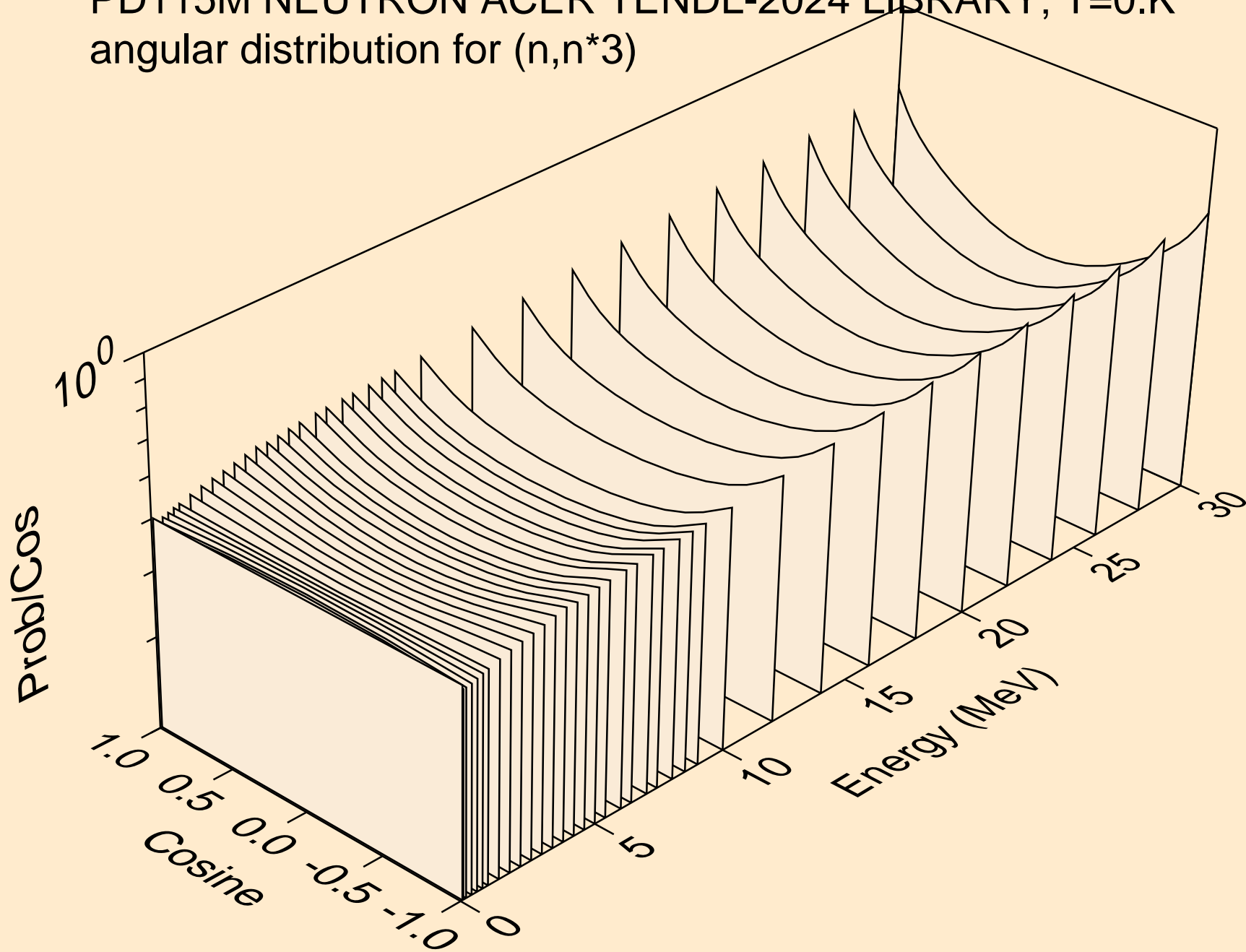
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angular distribution for (n,n\*1)



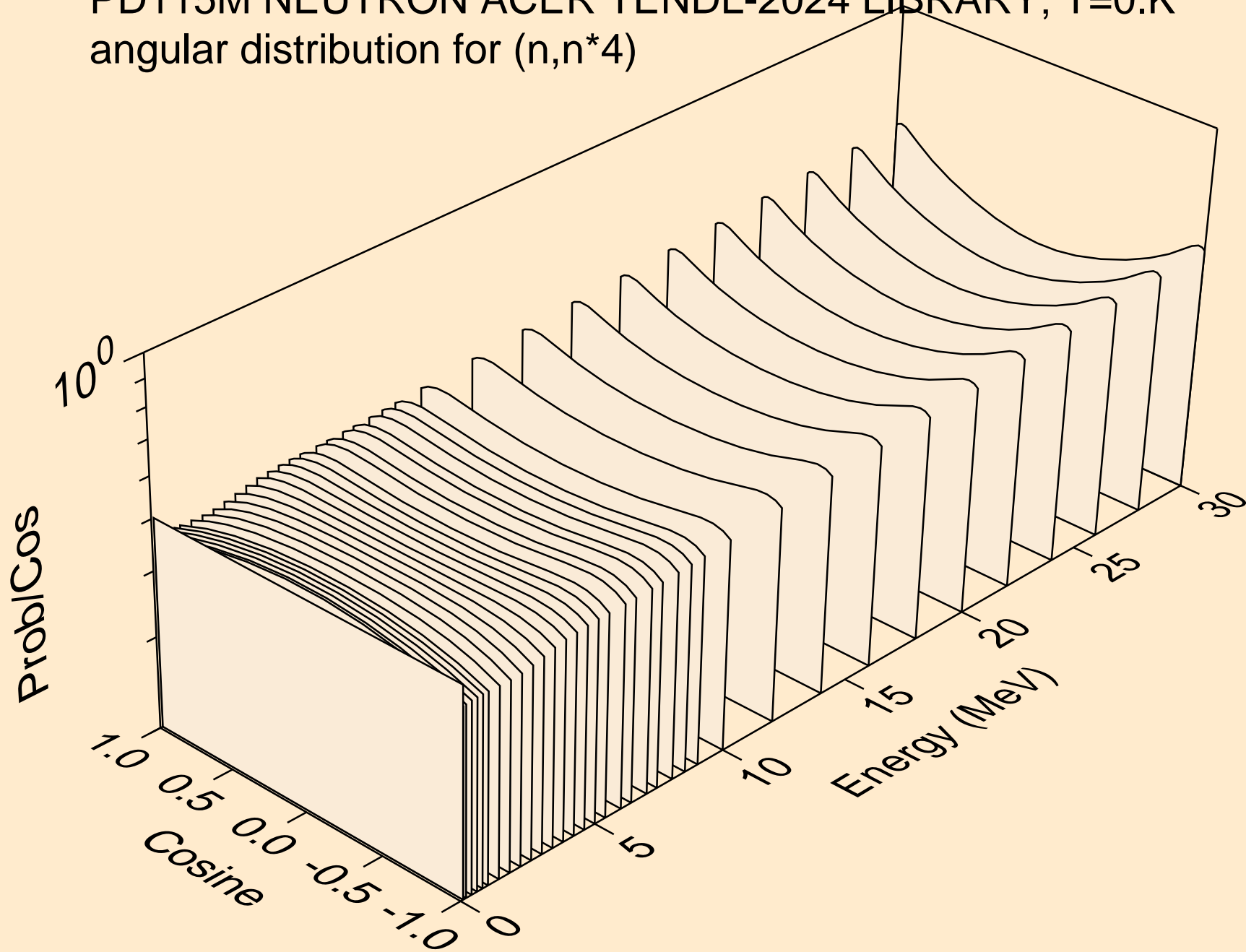
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angular distribution for (n,n\*2)



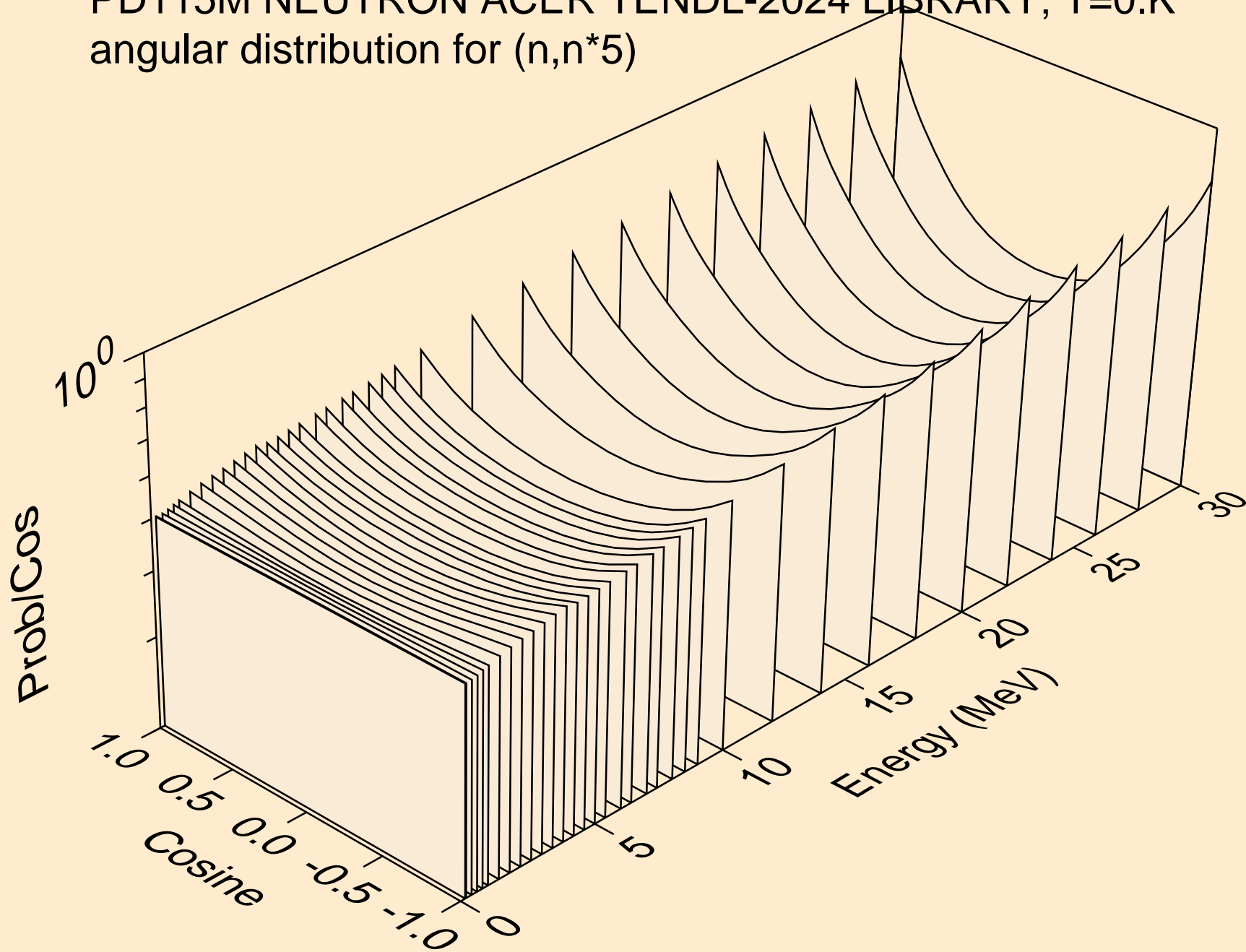
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angular distribution for (n,n\*3)



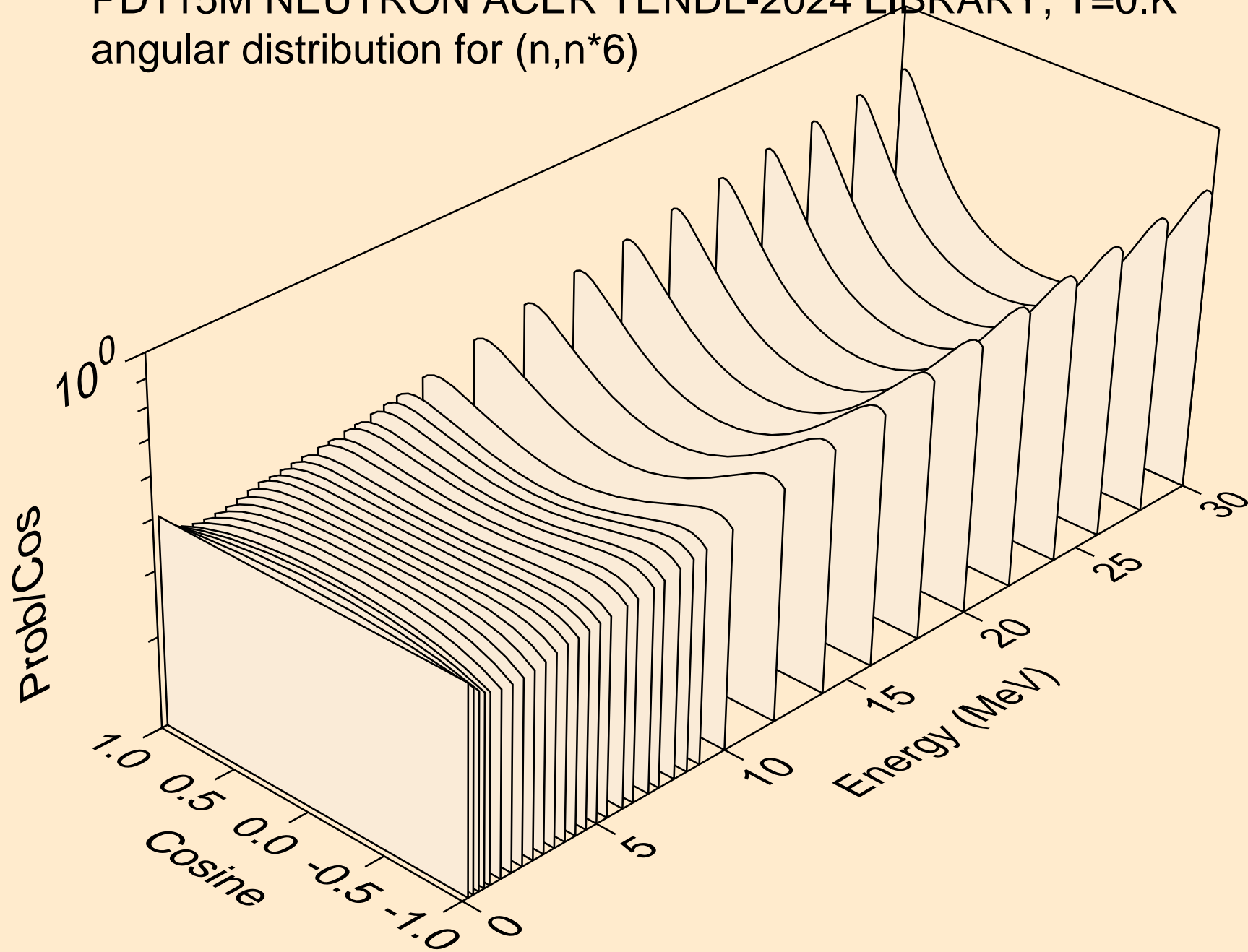
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

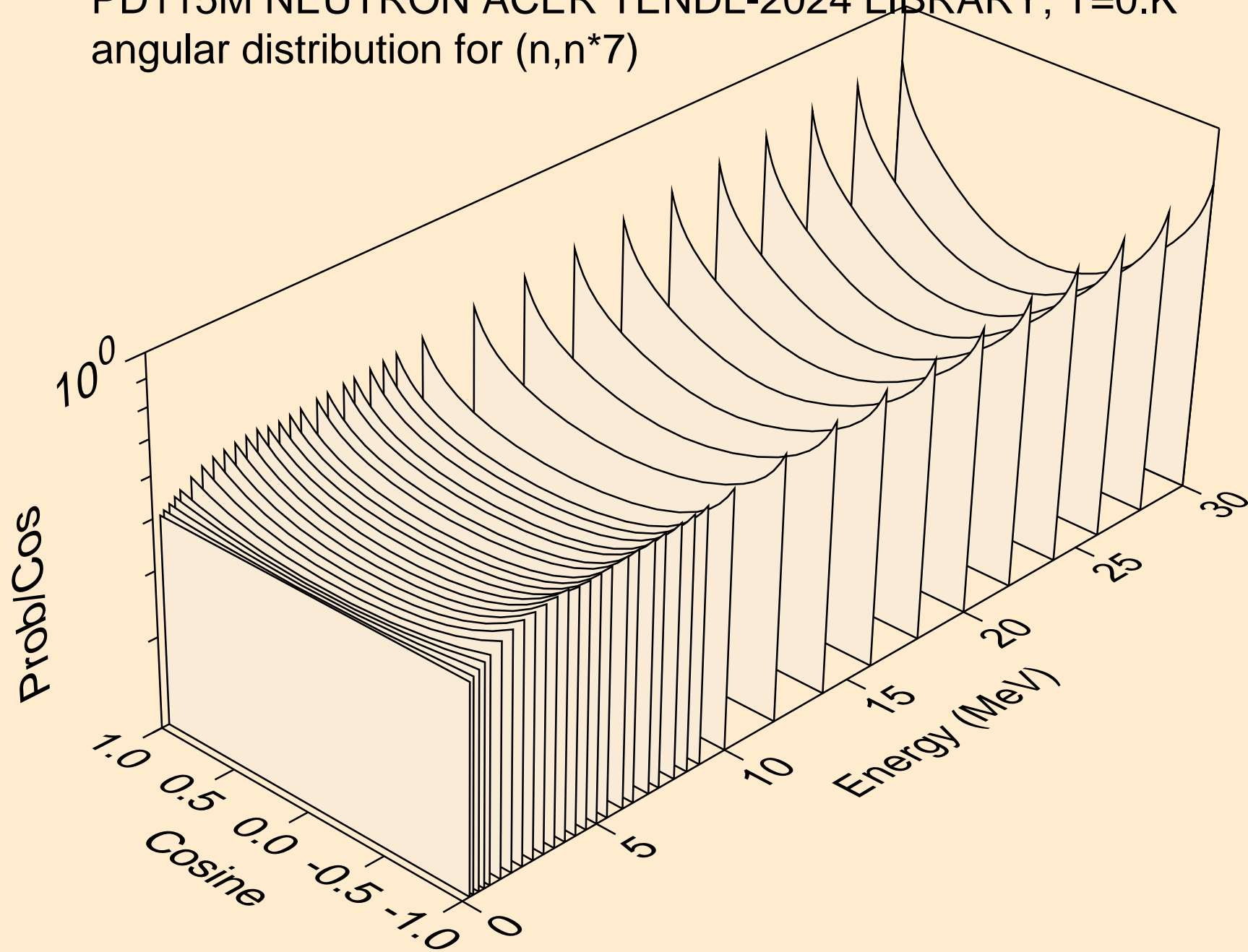


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angular distribution for (n,n\*6)

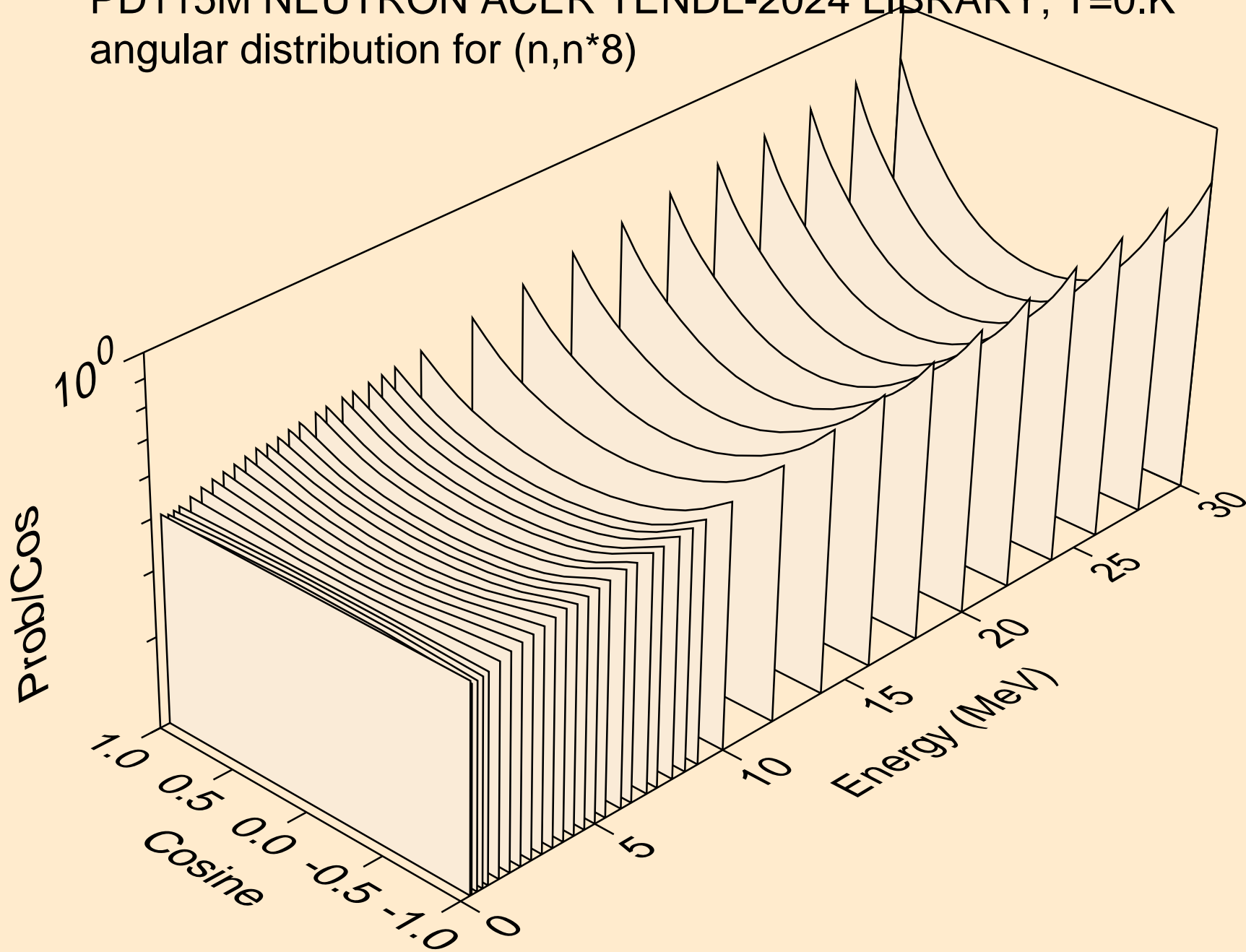




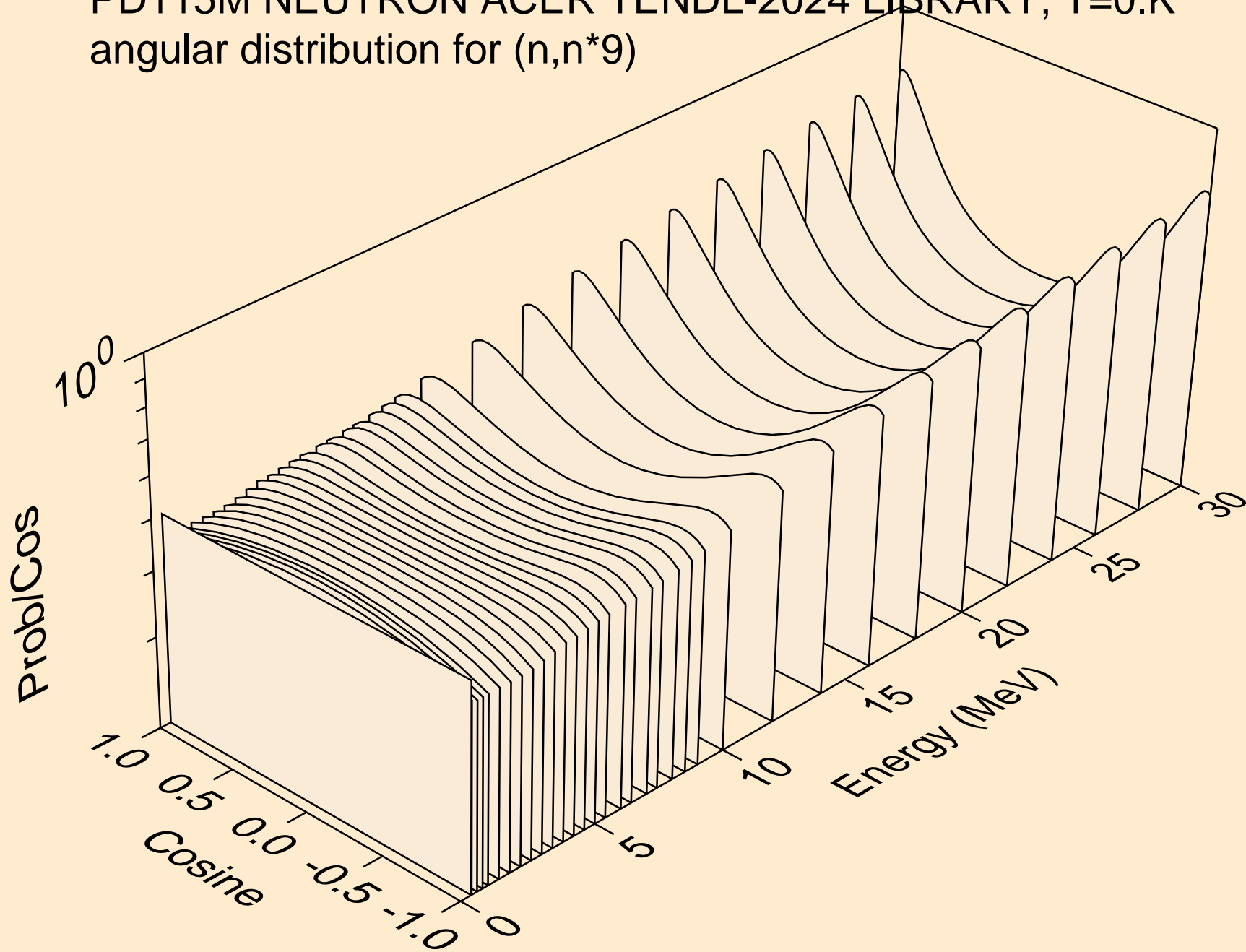
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angular distribution for (n,n\*7)



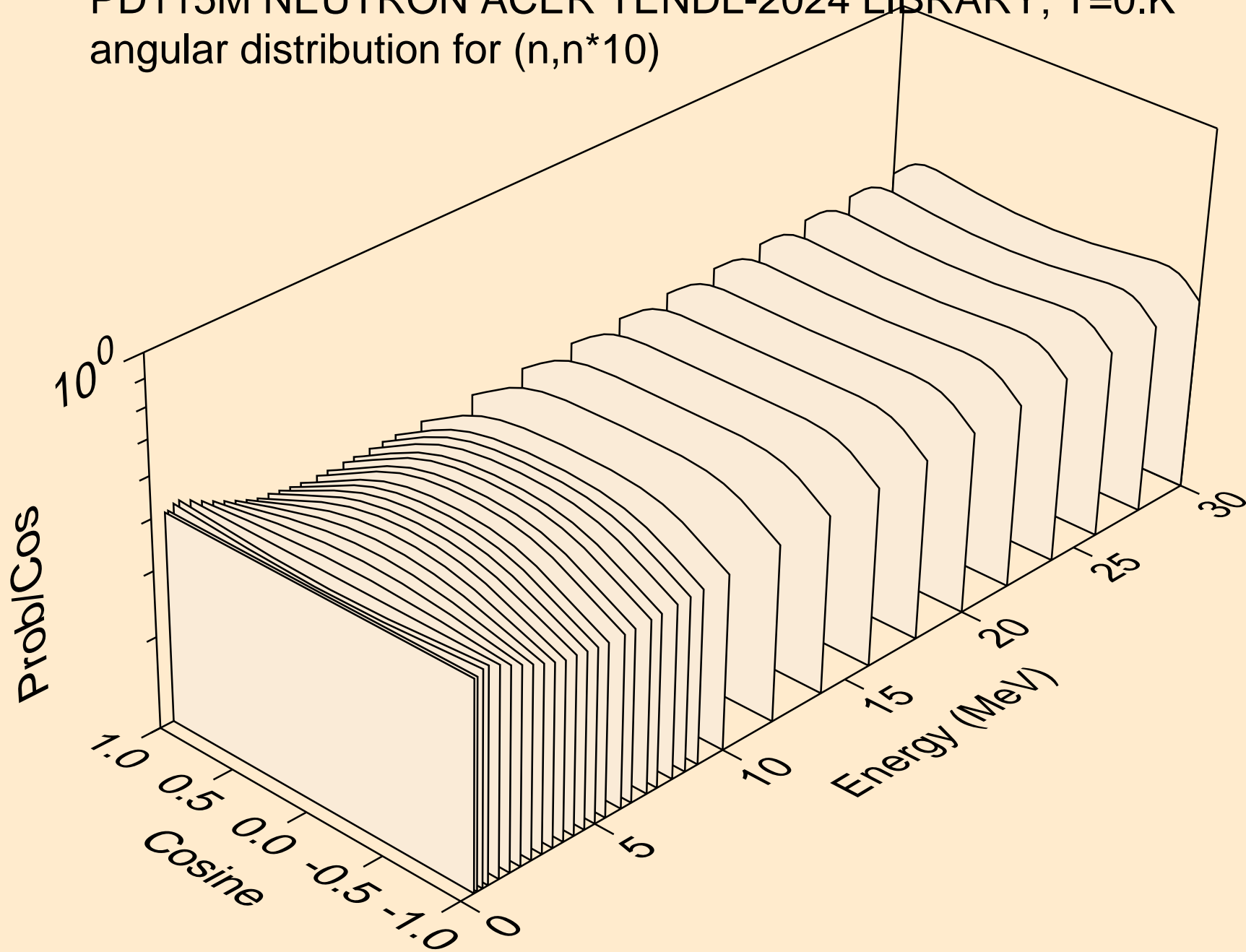
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angular distribution for (n,n\*8)



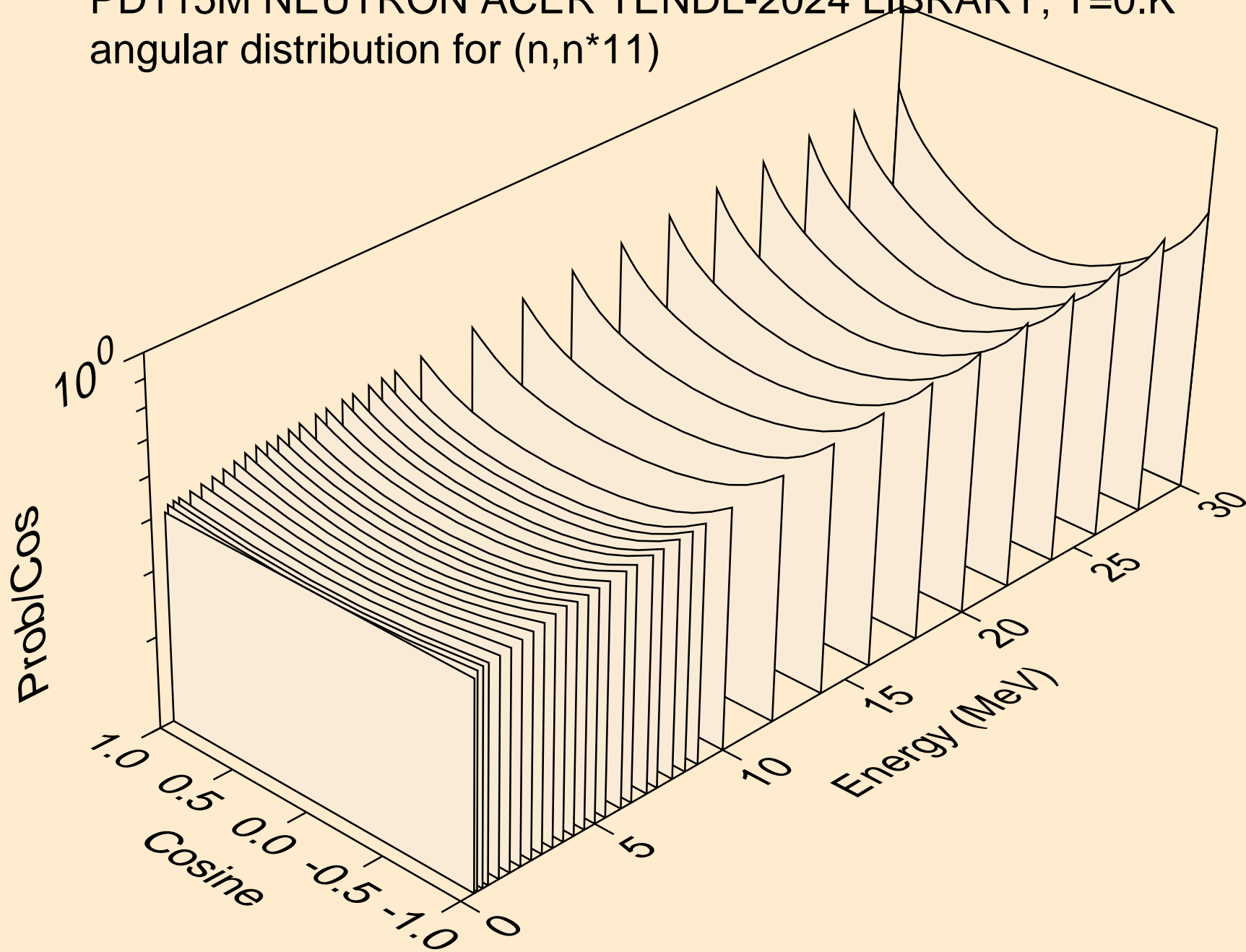
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angular distribution for (n,n\*9)



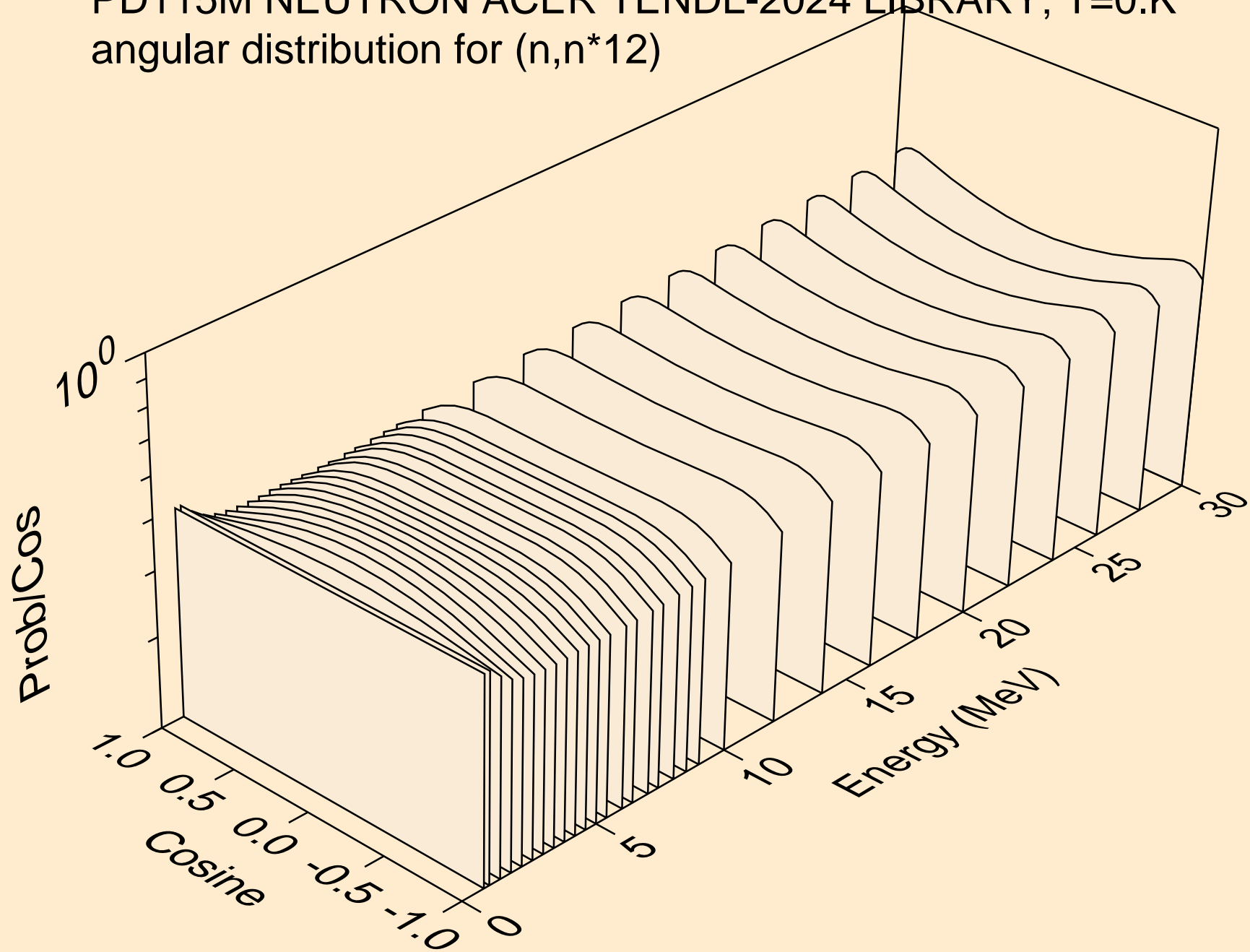
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angular distribution for (n,n\*10)



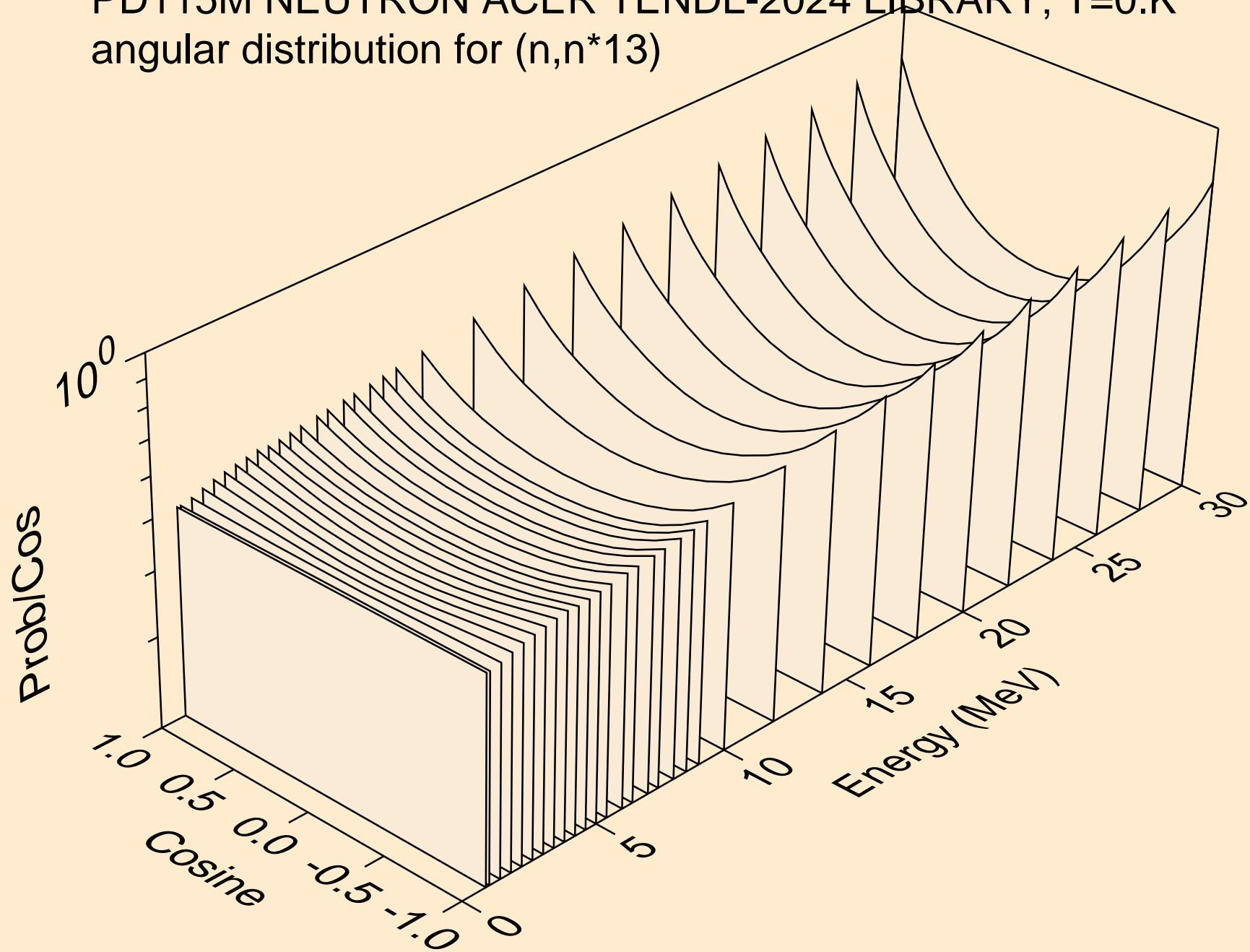
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angular distribution for (n,n\*11)



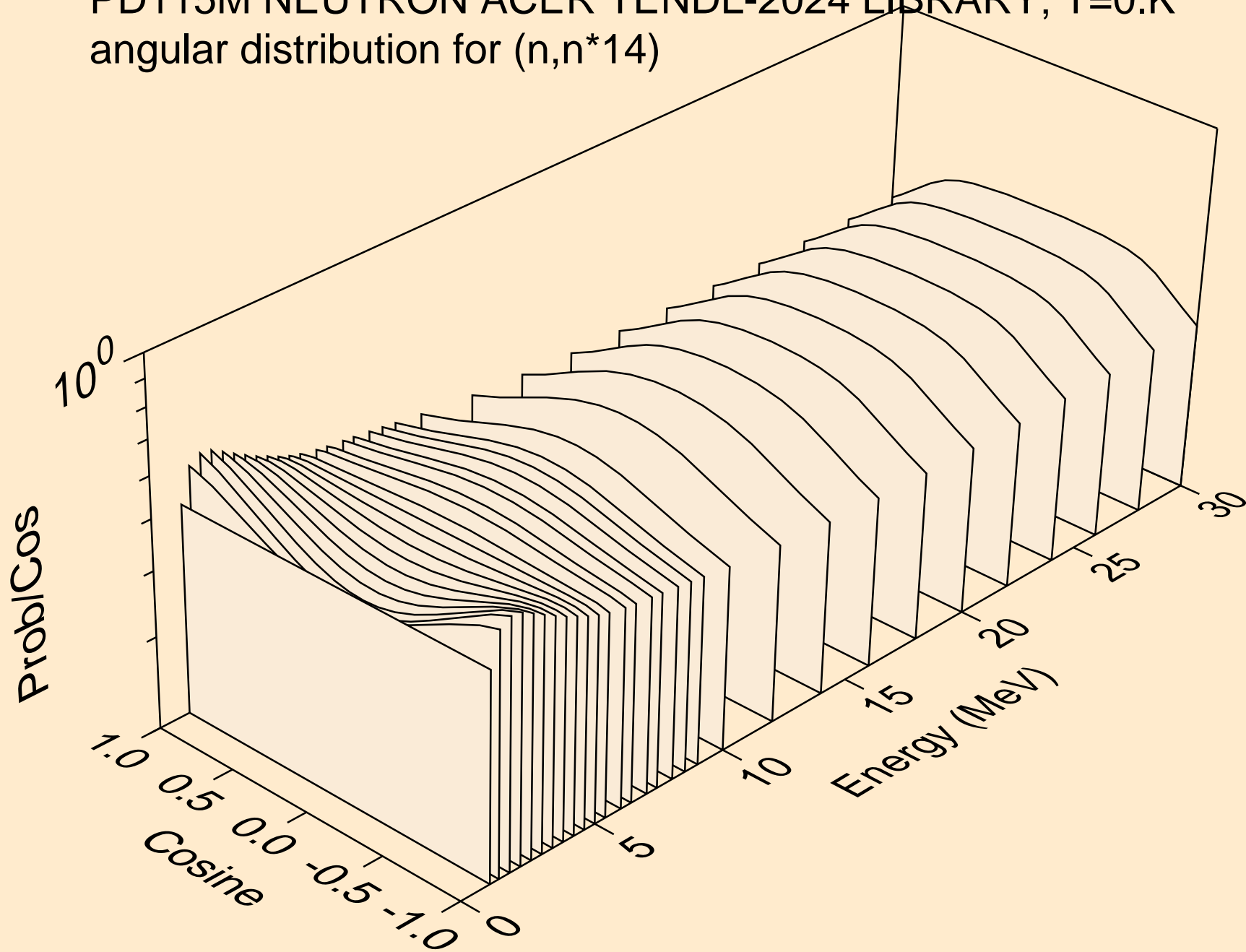
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

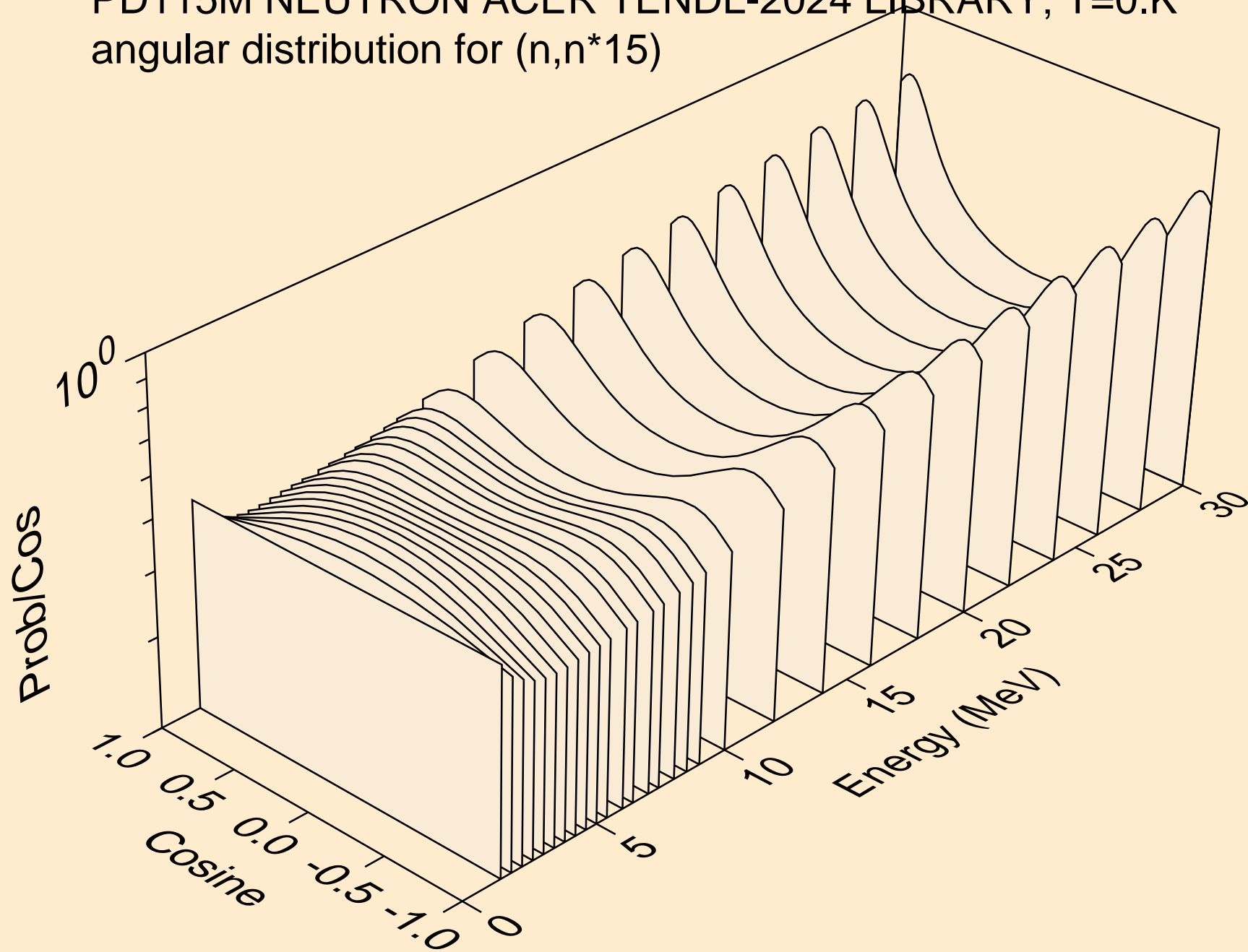


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angular distribution for (n,n\*14)

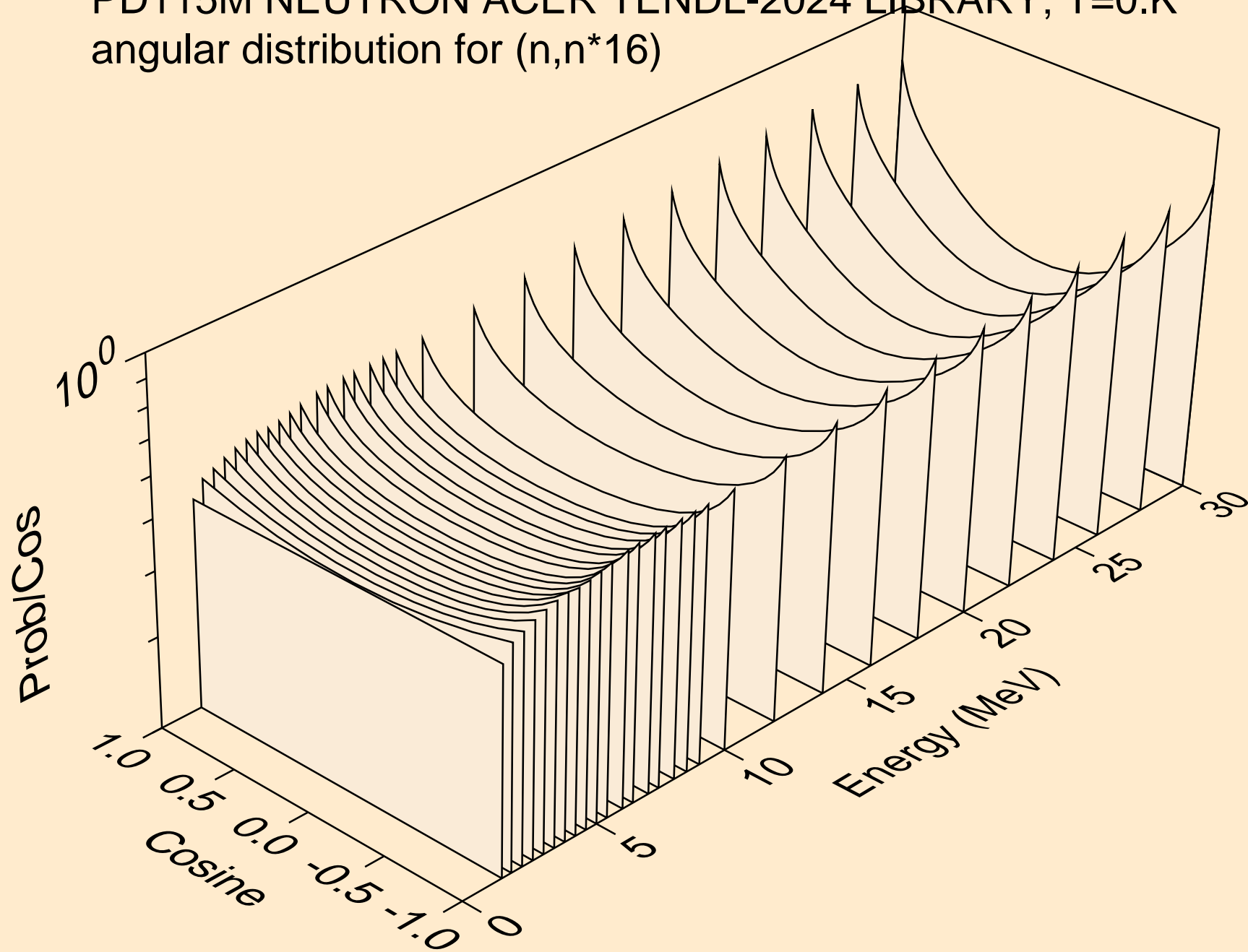




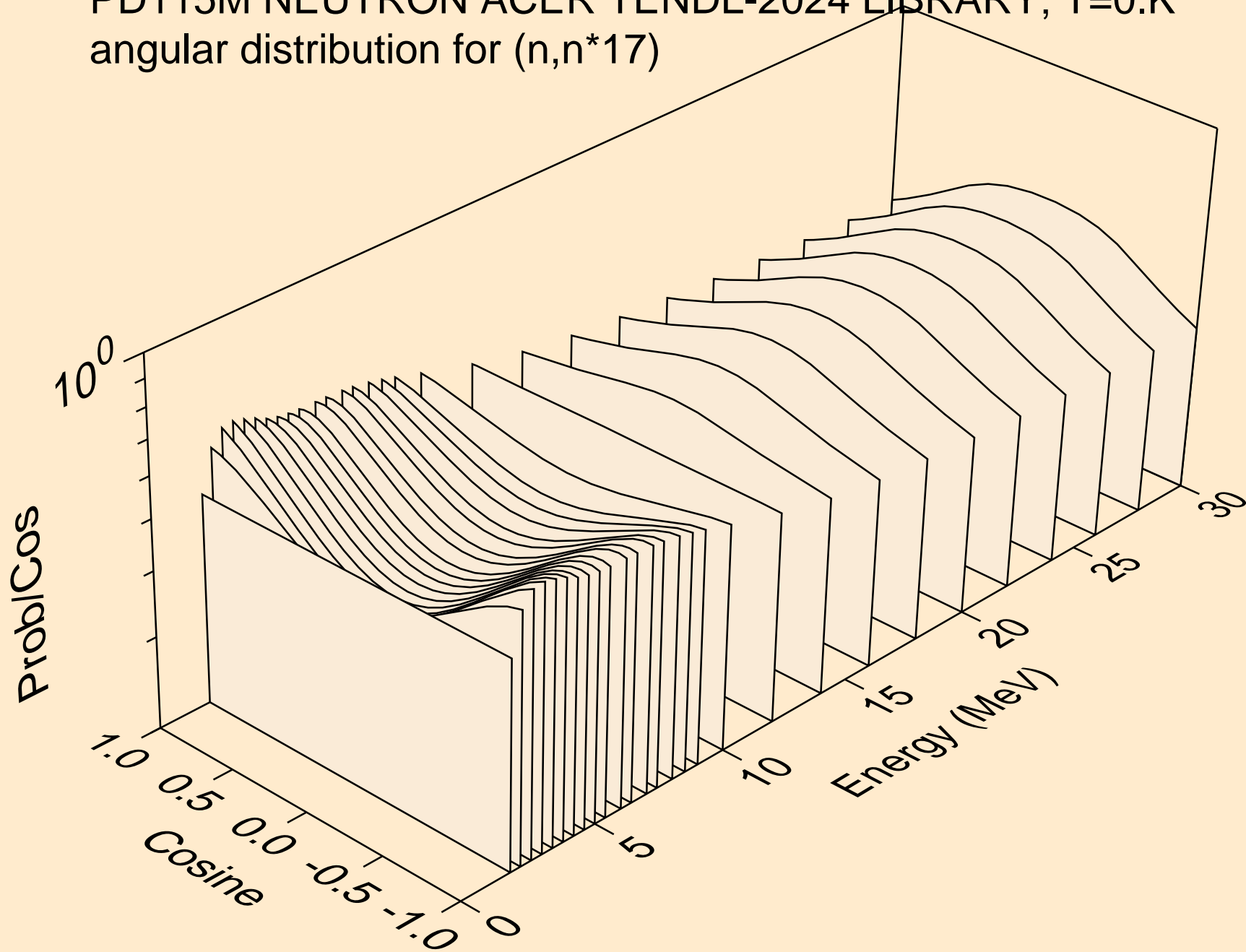
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angular distribution for (n,n\*15)



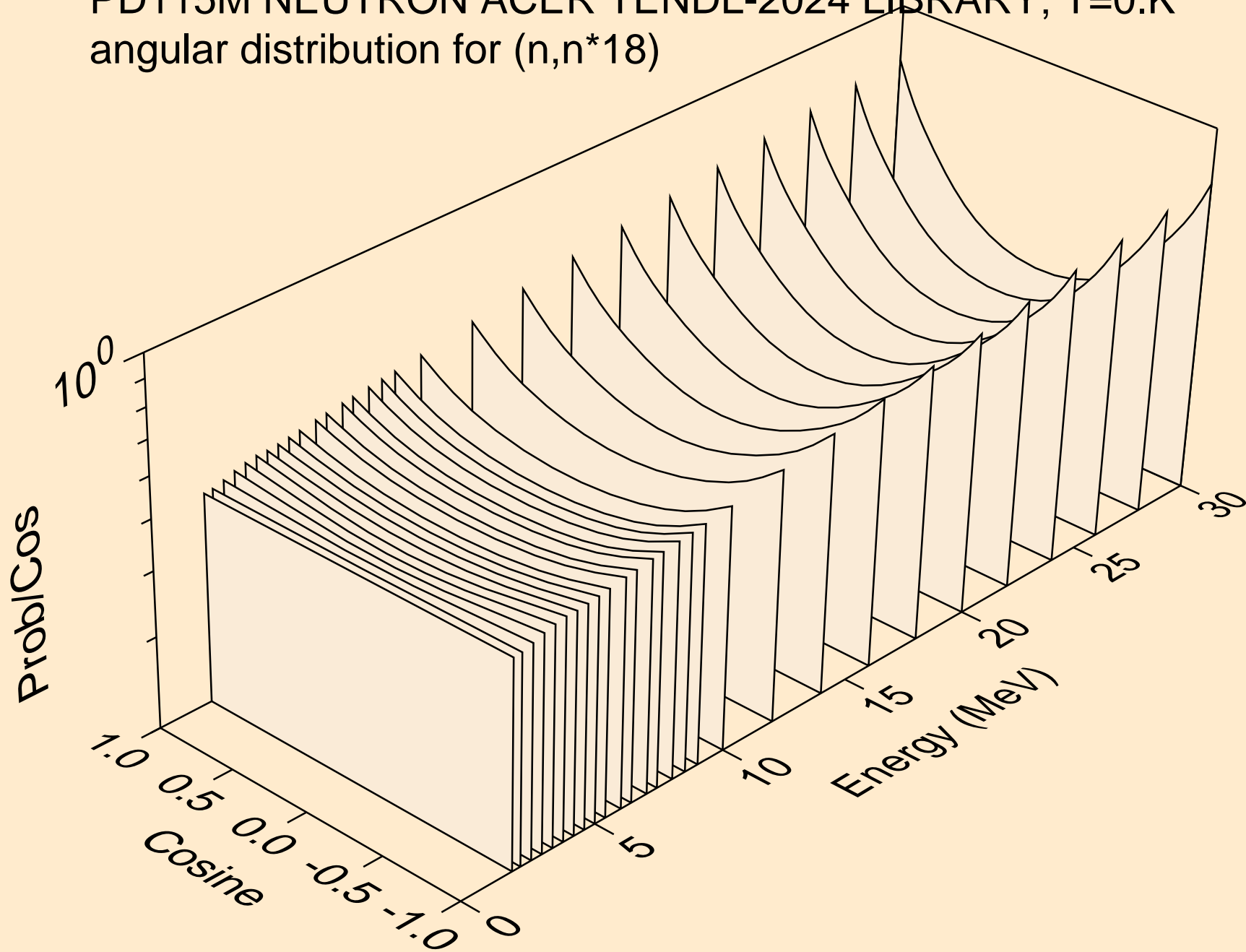
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angular distribution for (n,n\*16)



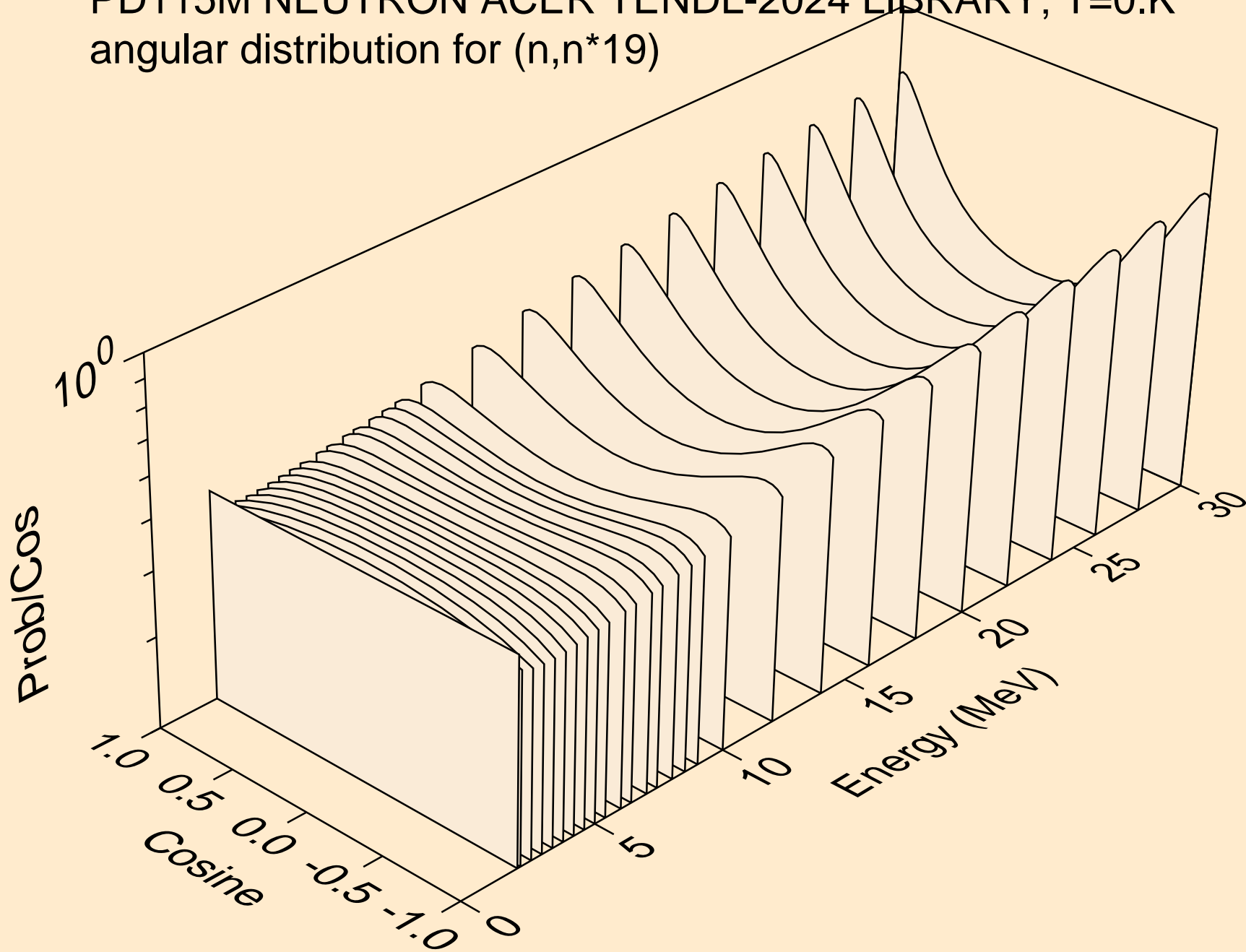
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angular distribution for (n,n\*17)



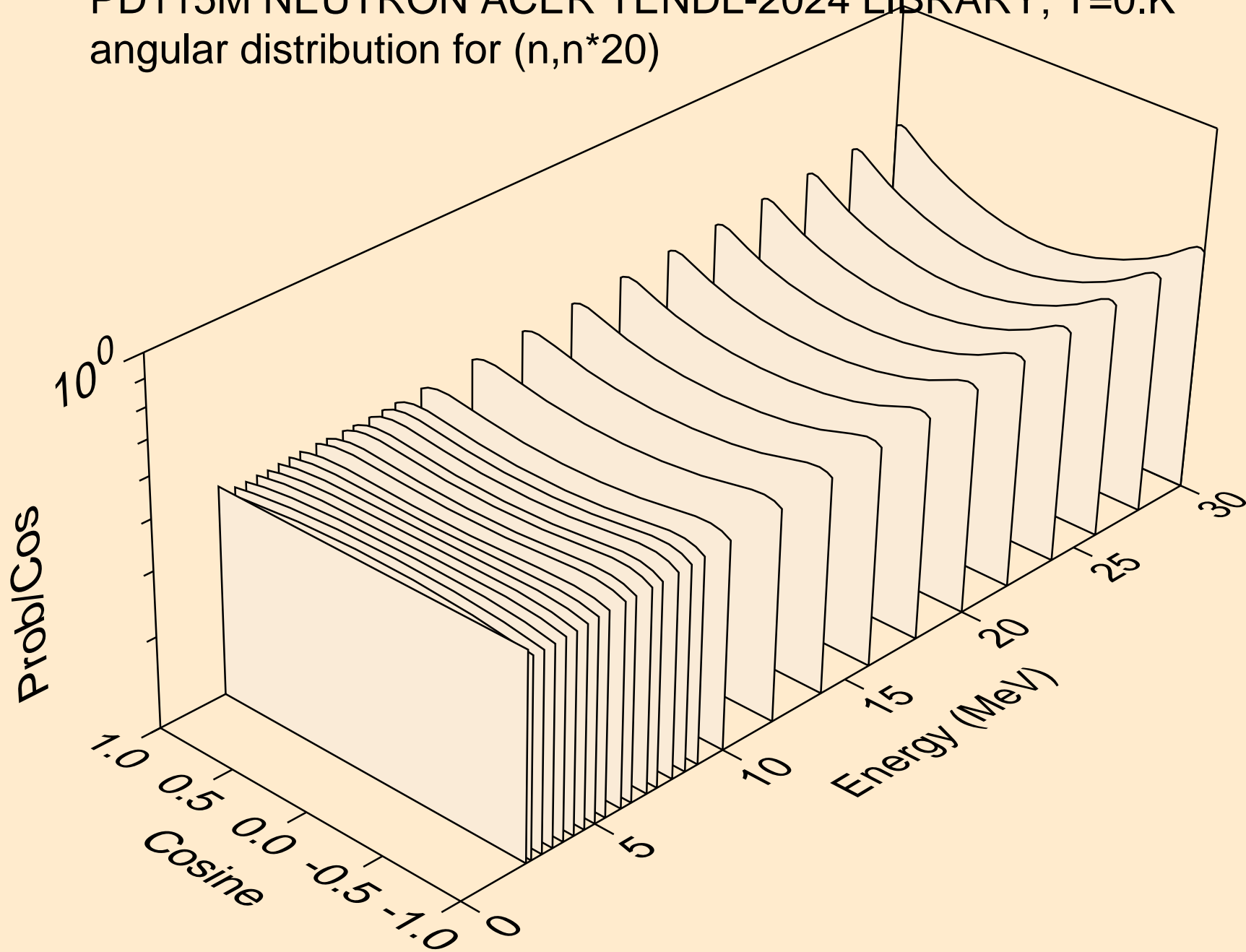
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angular distribution for (n,n\*18)



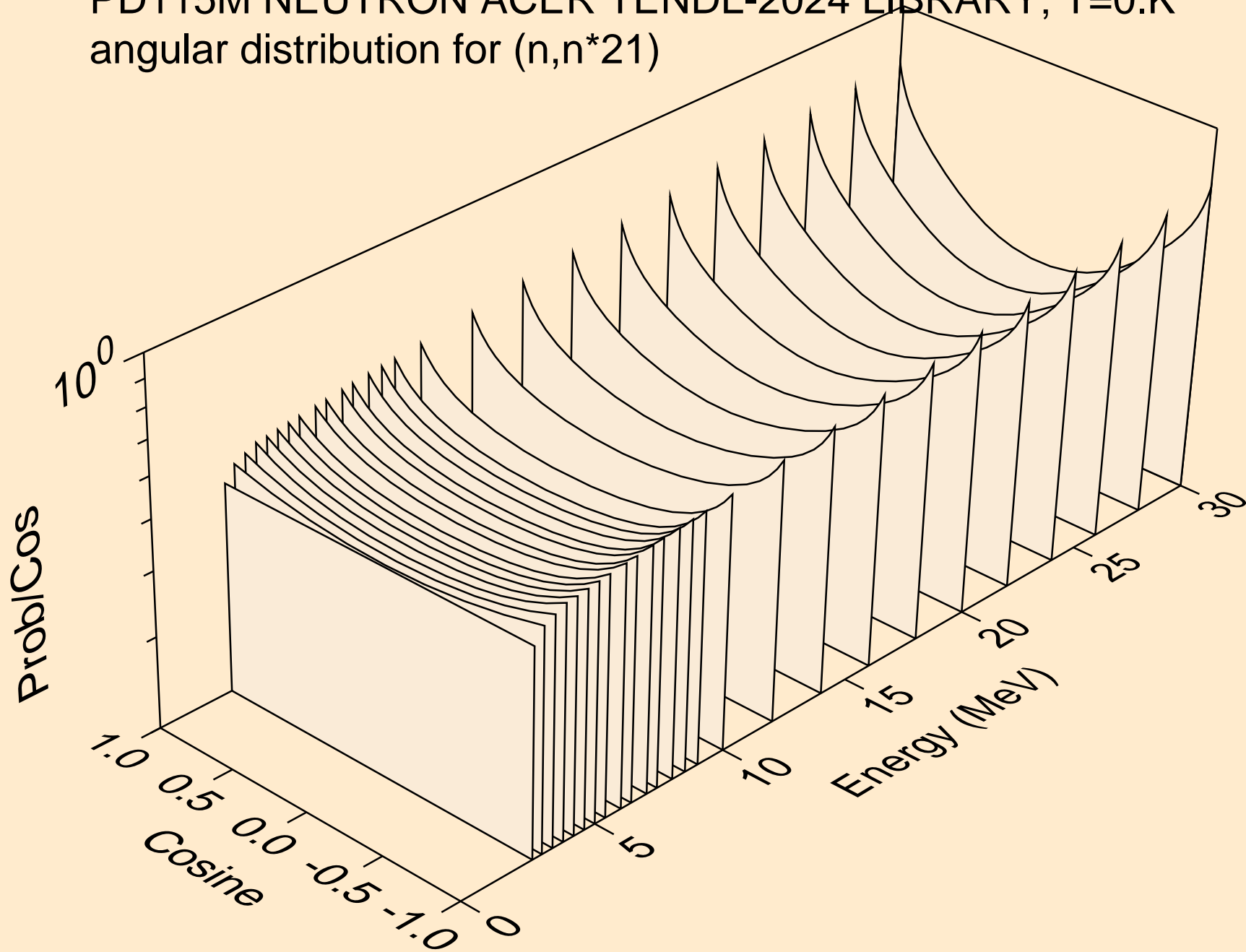
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angular distribution for (n,n\*19)



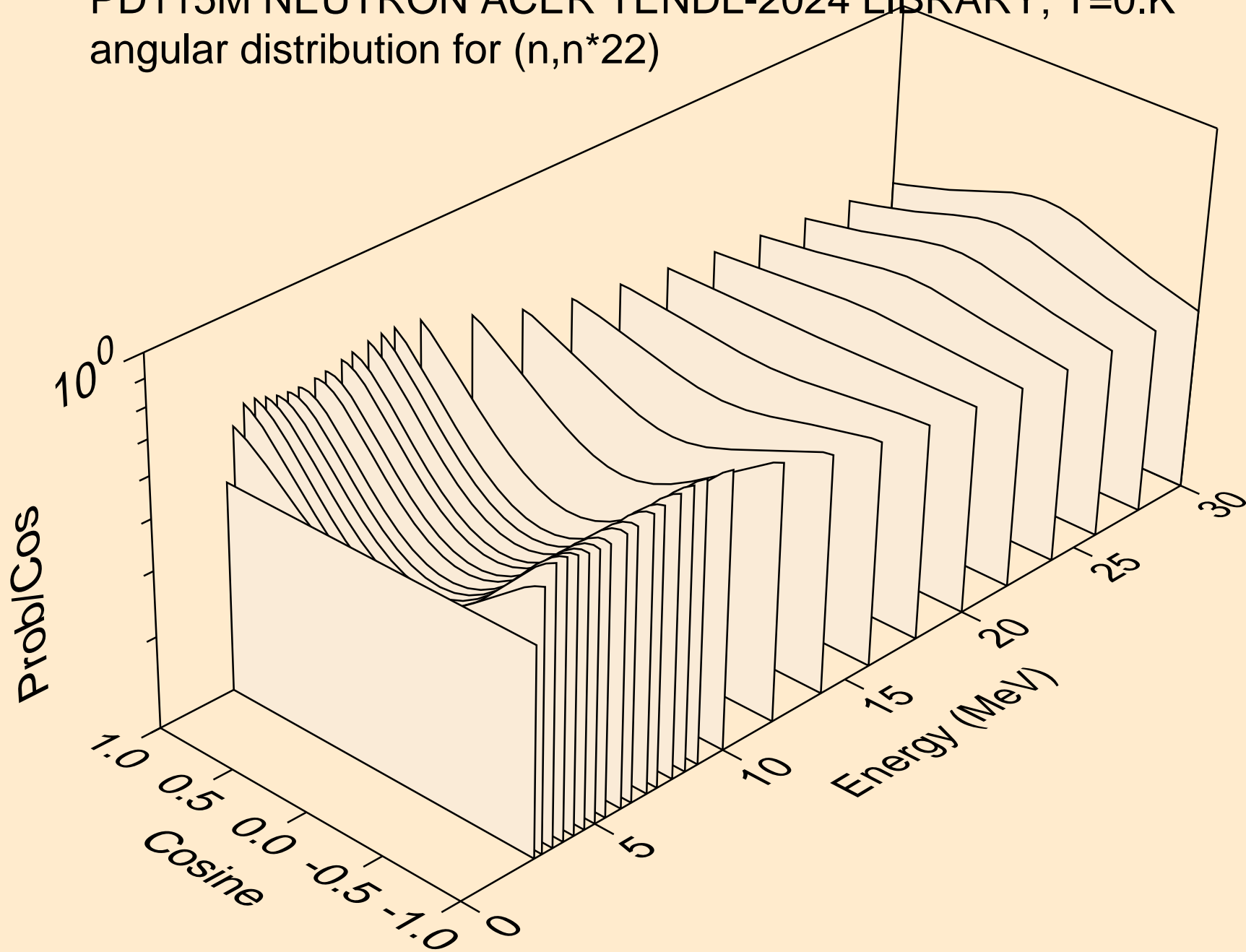
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

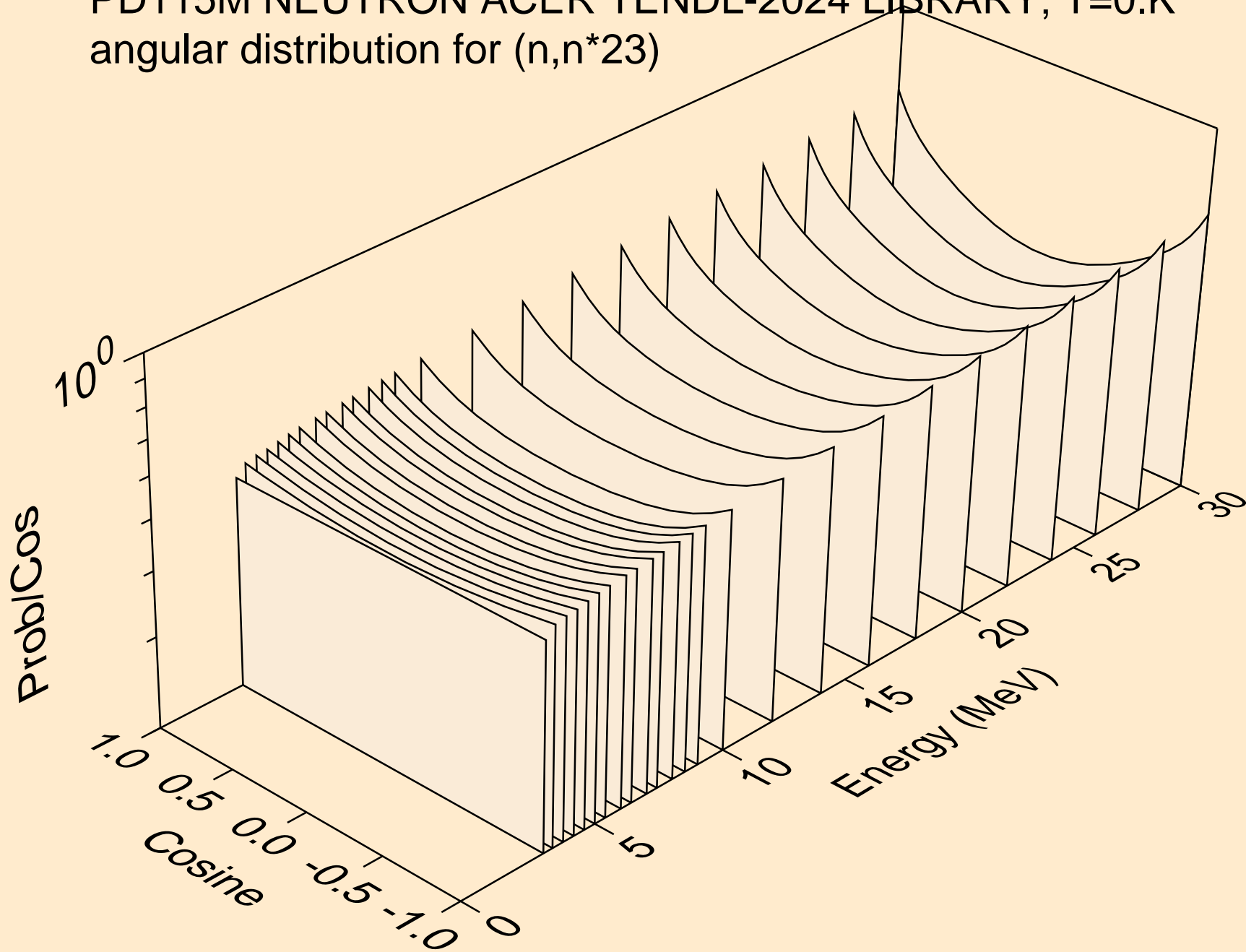


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angular distribution for (n,n\*22)

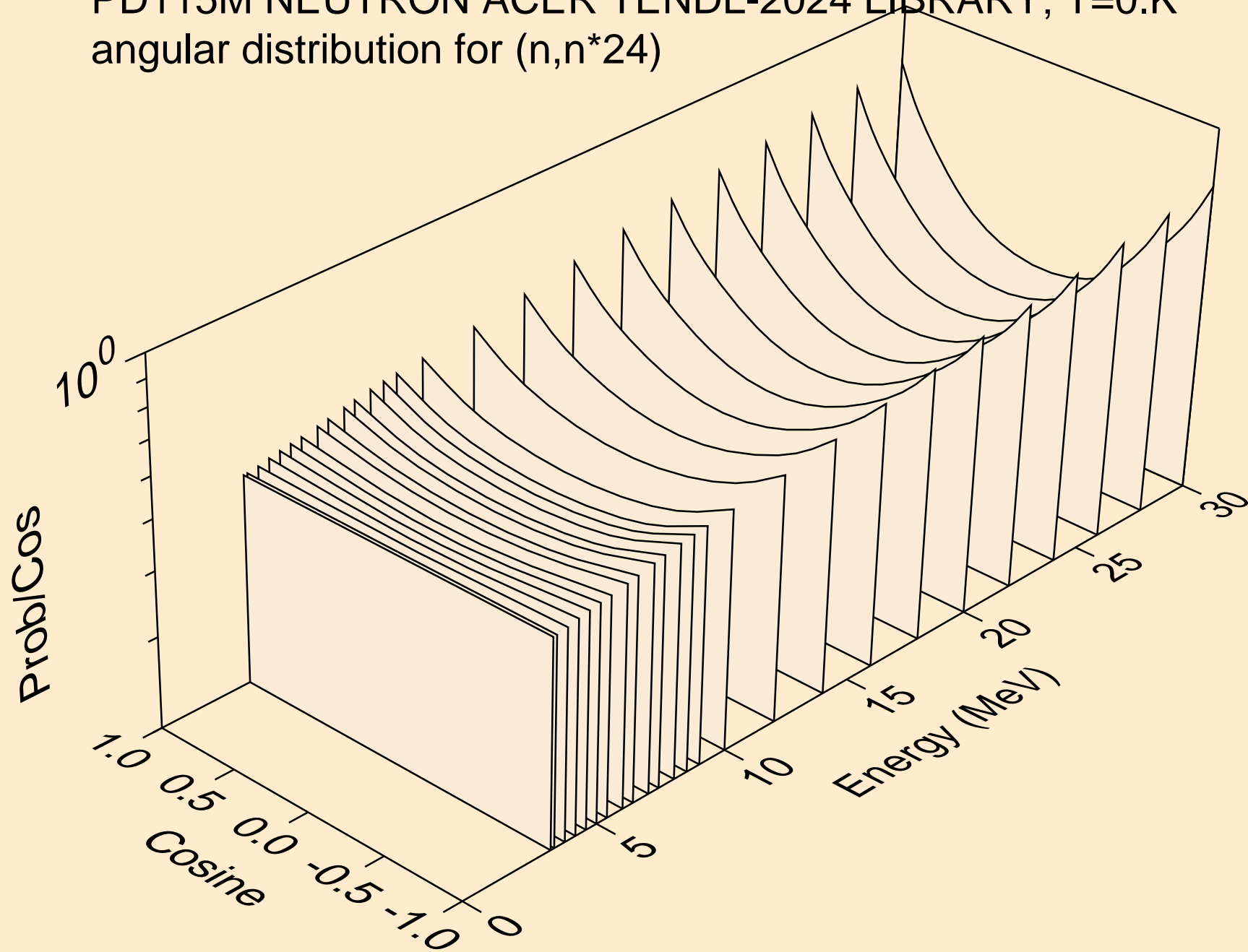




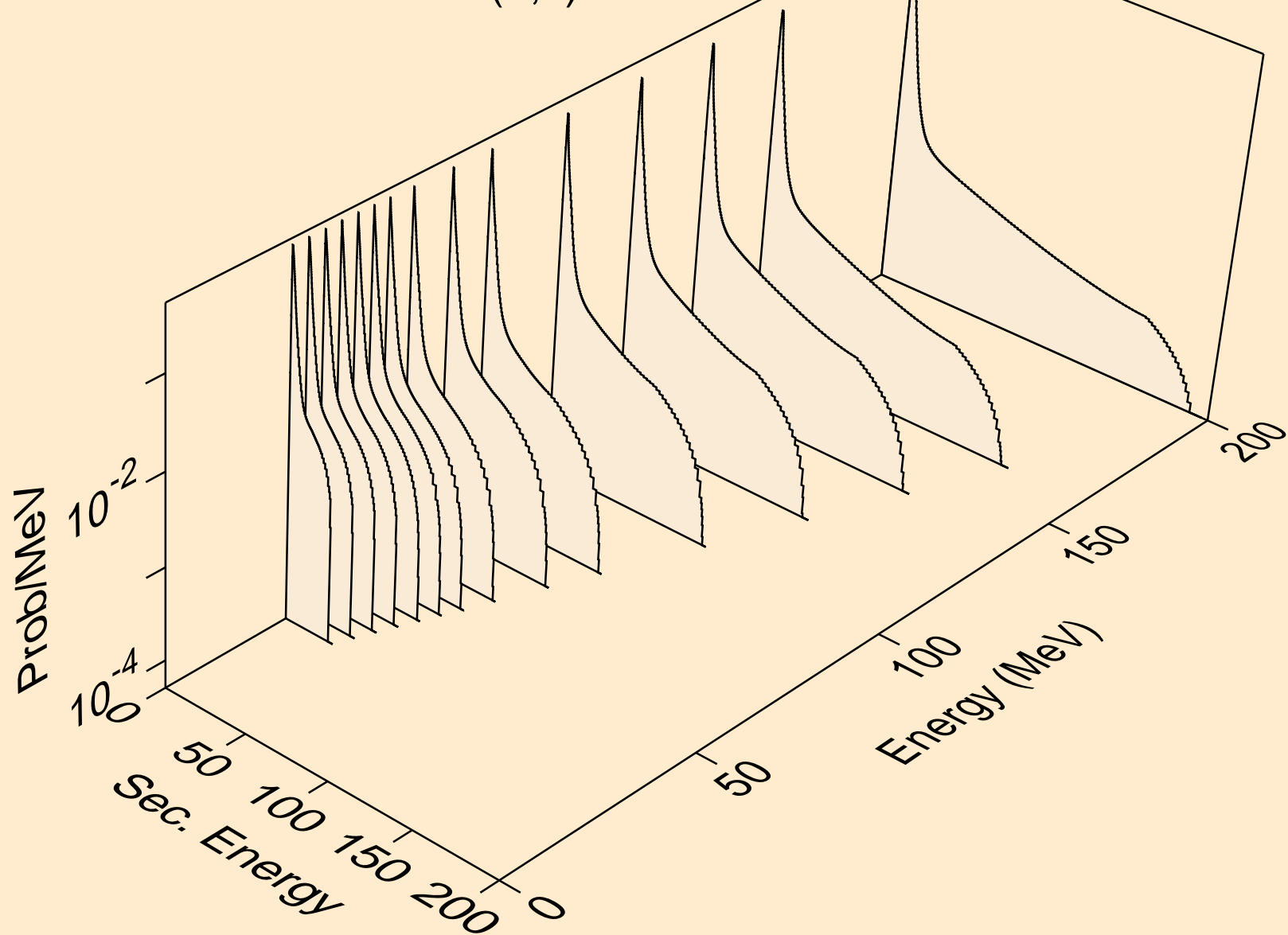
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angular distribution for (n,n\*23)



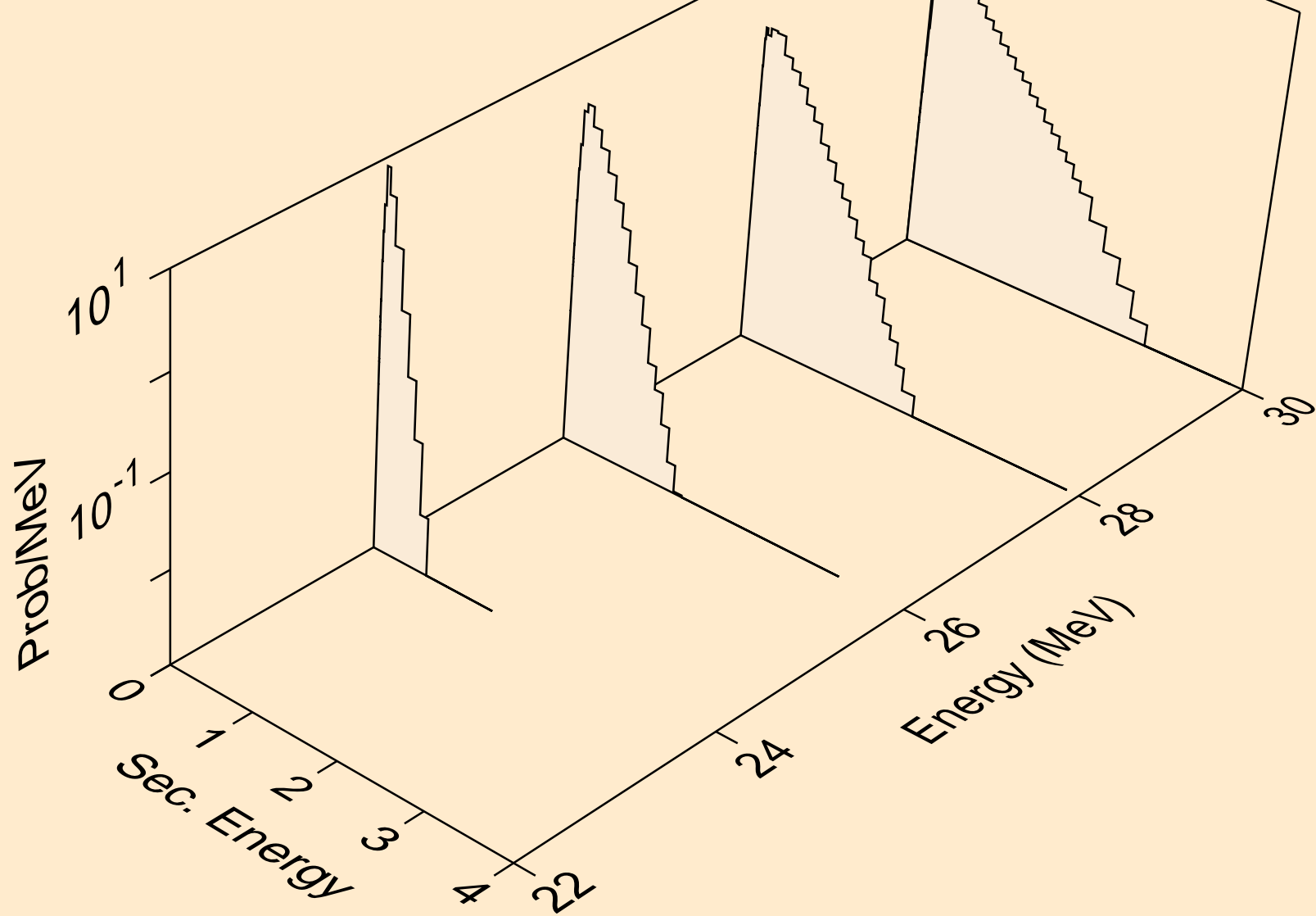
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angular distribution for (n,n\*24)



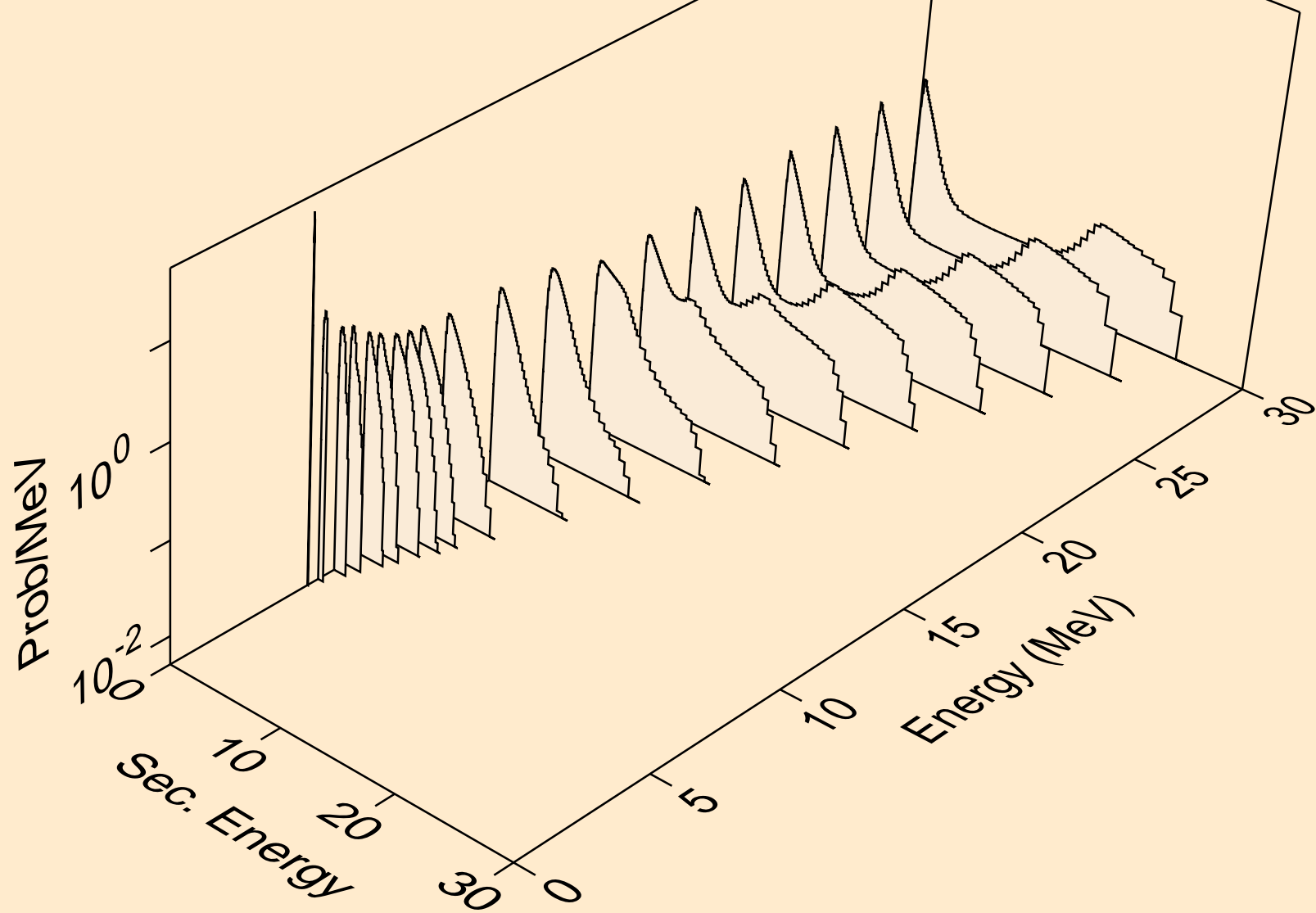
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



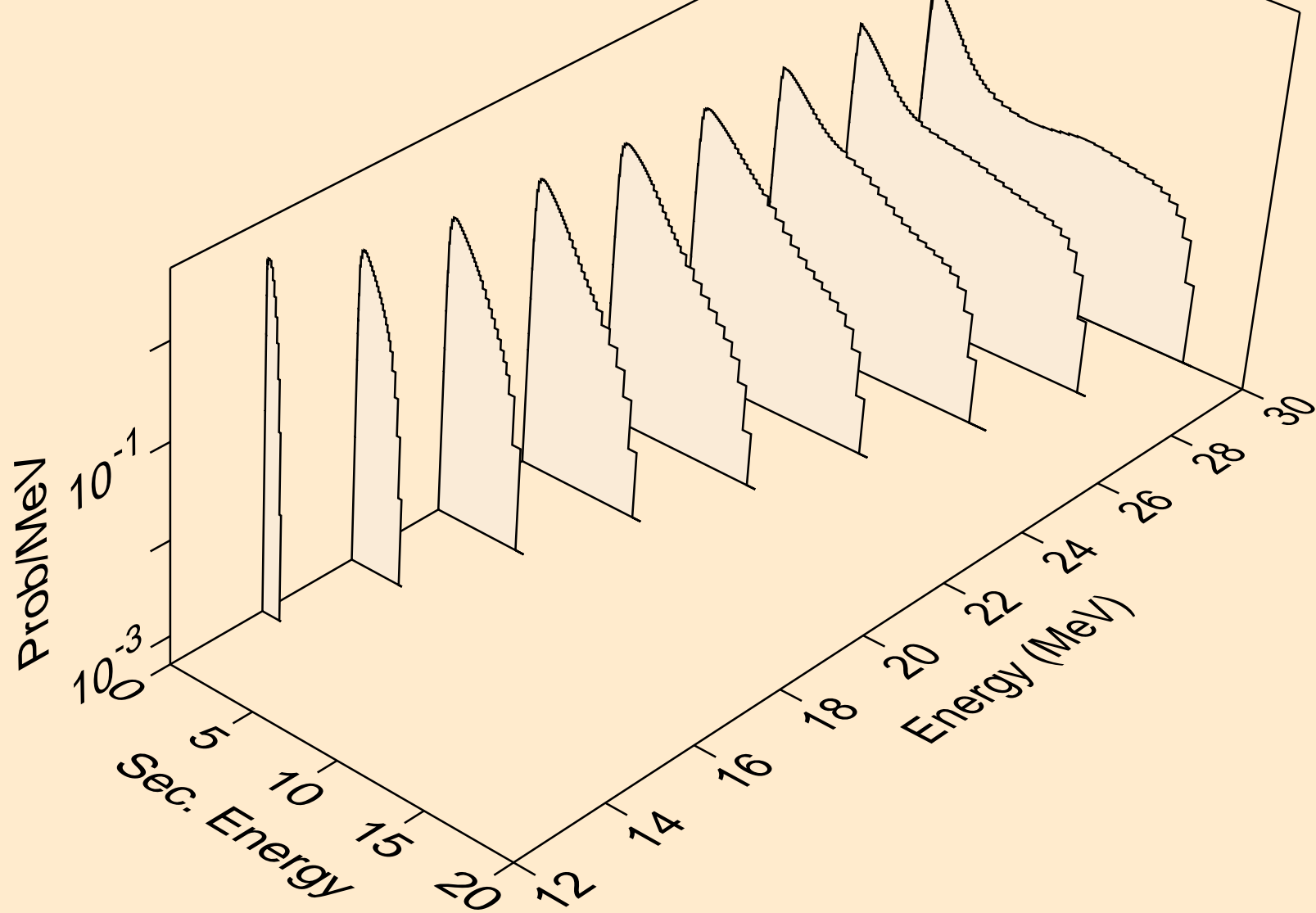
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



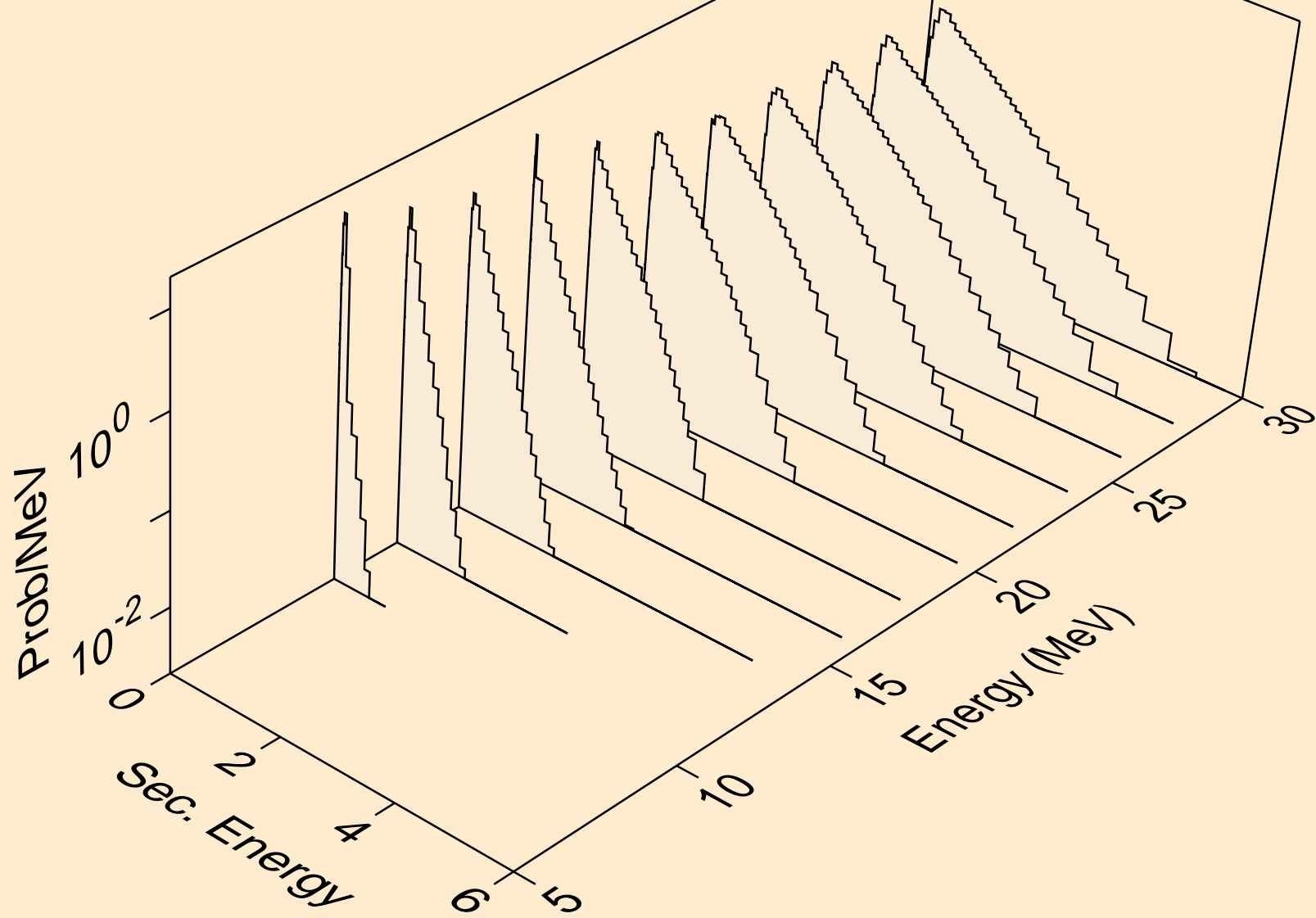
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



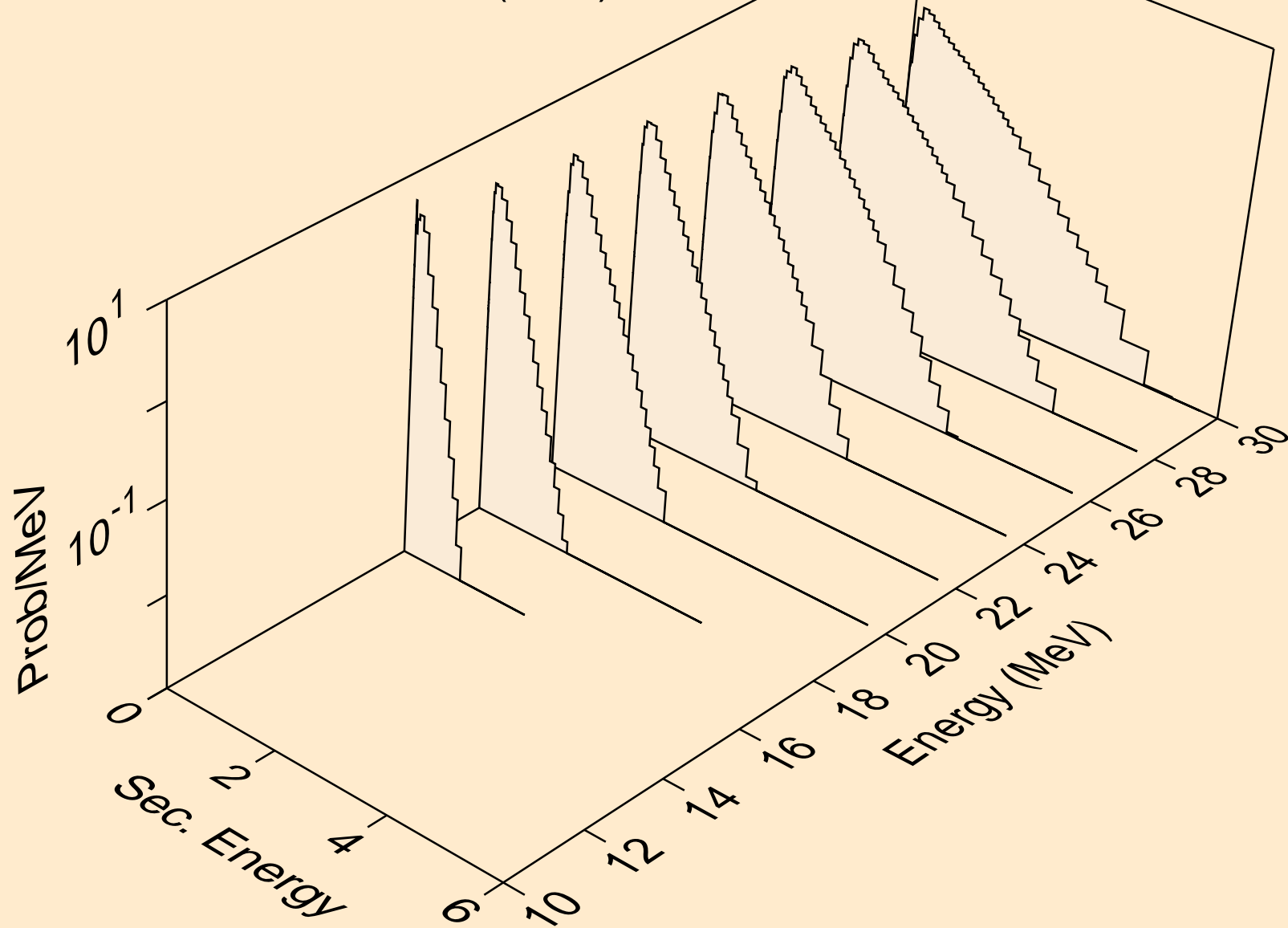
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

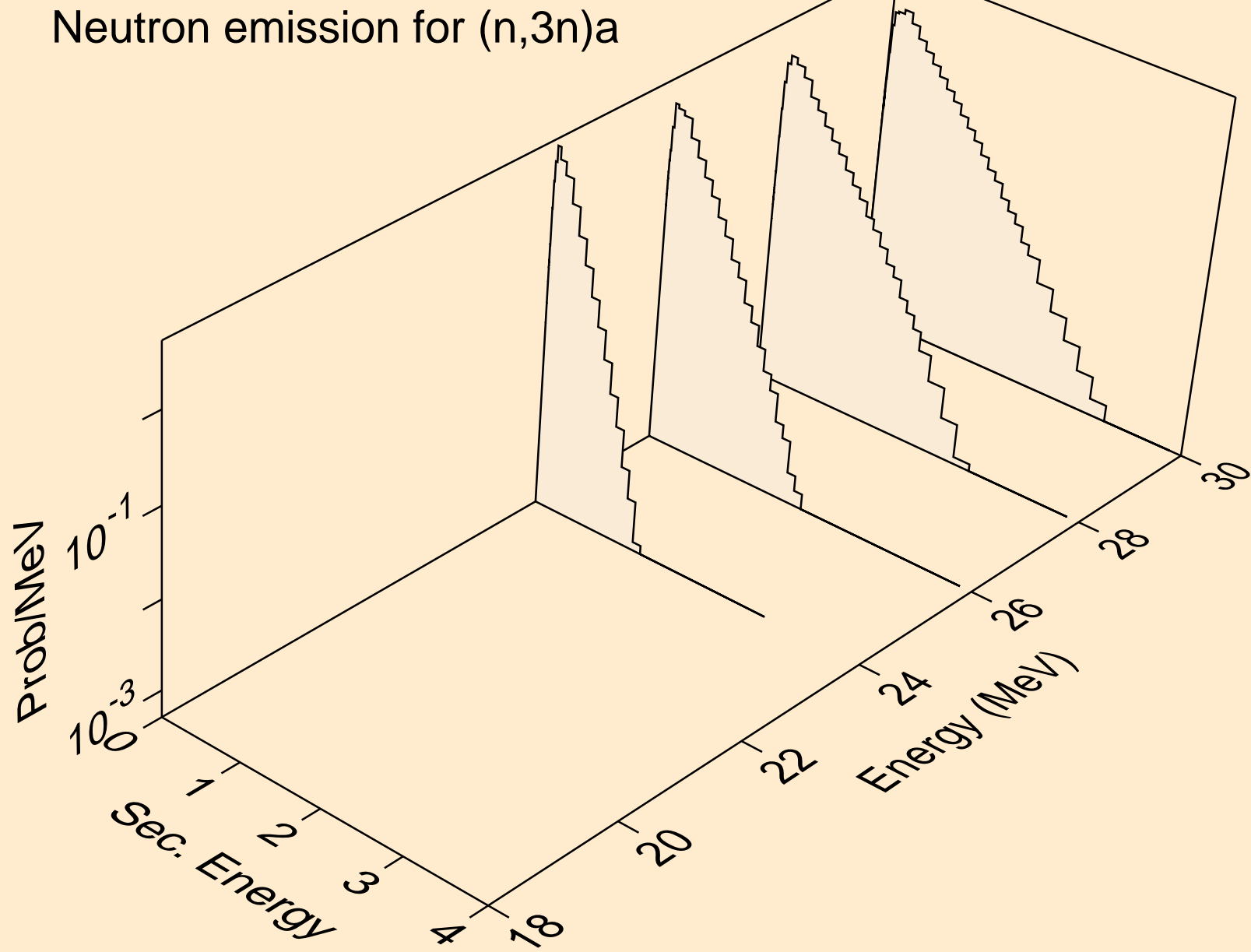


PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

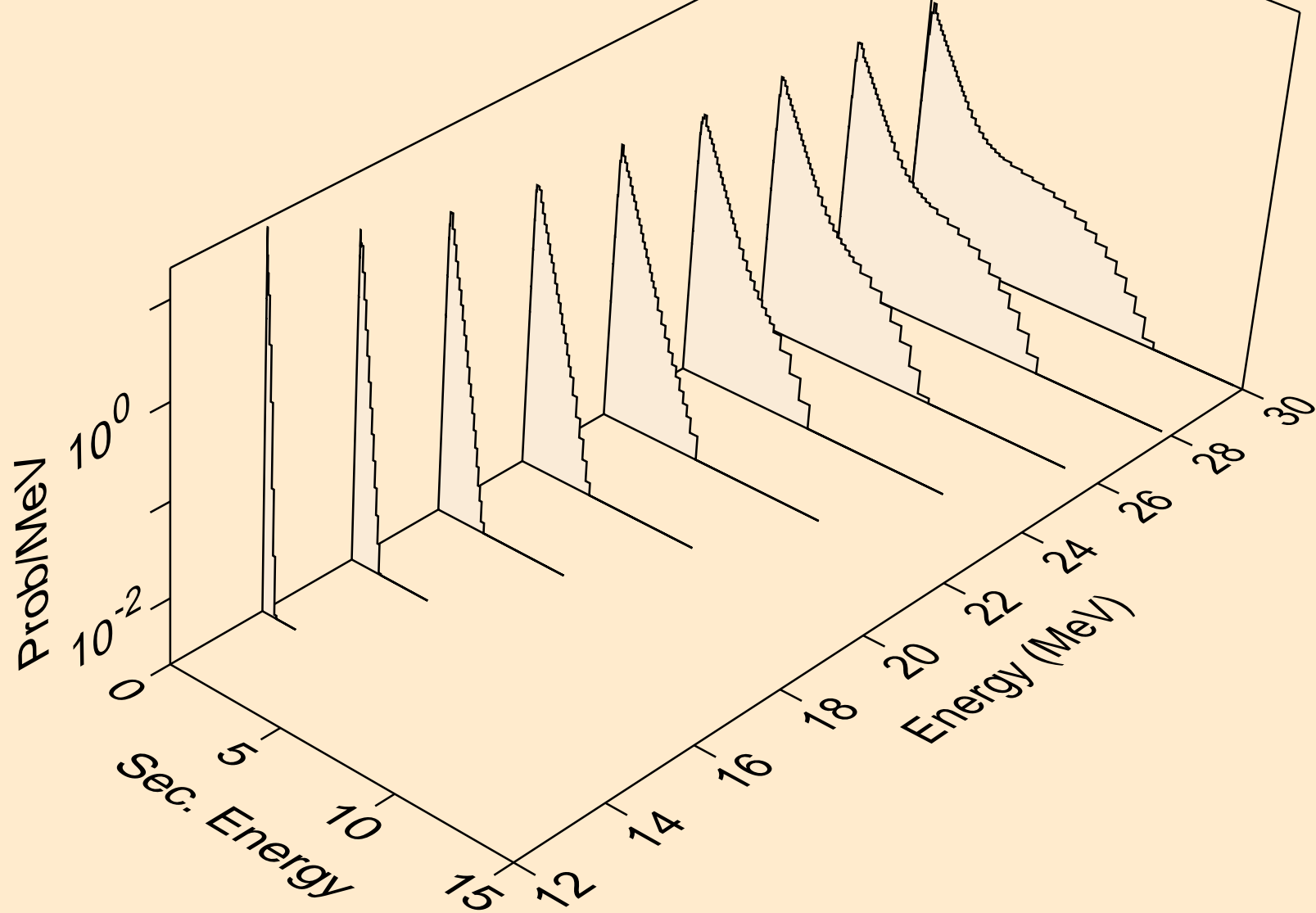




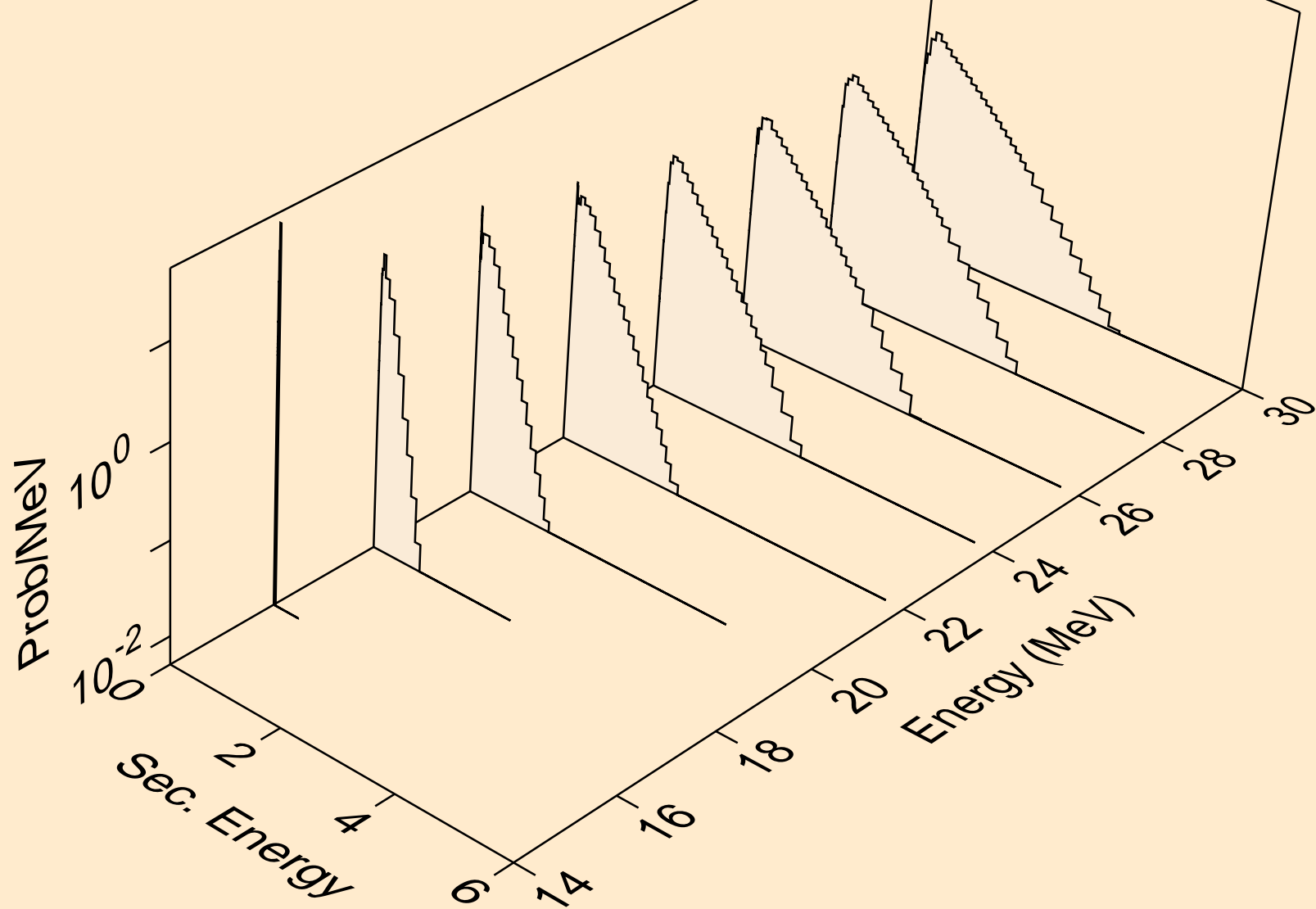
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



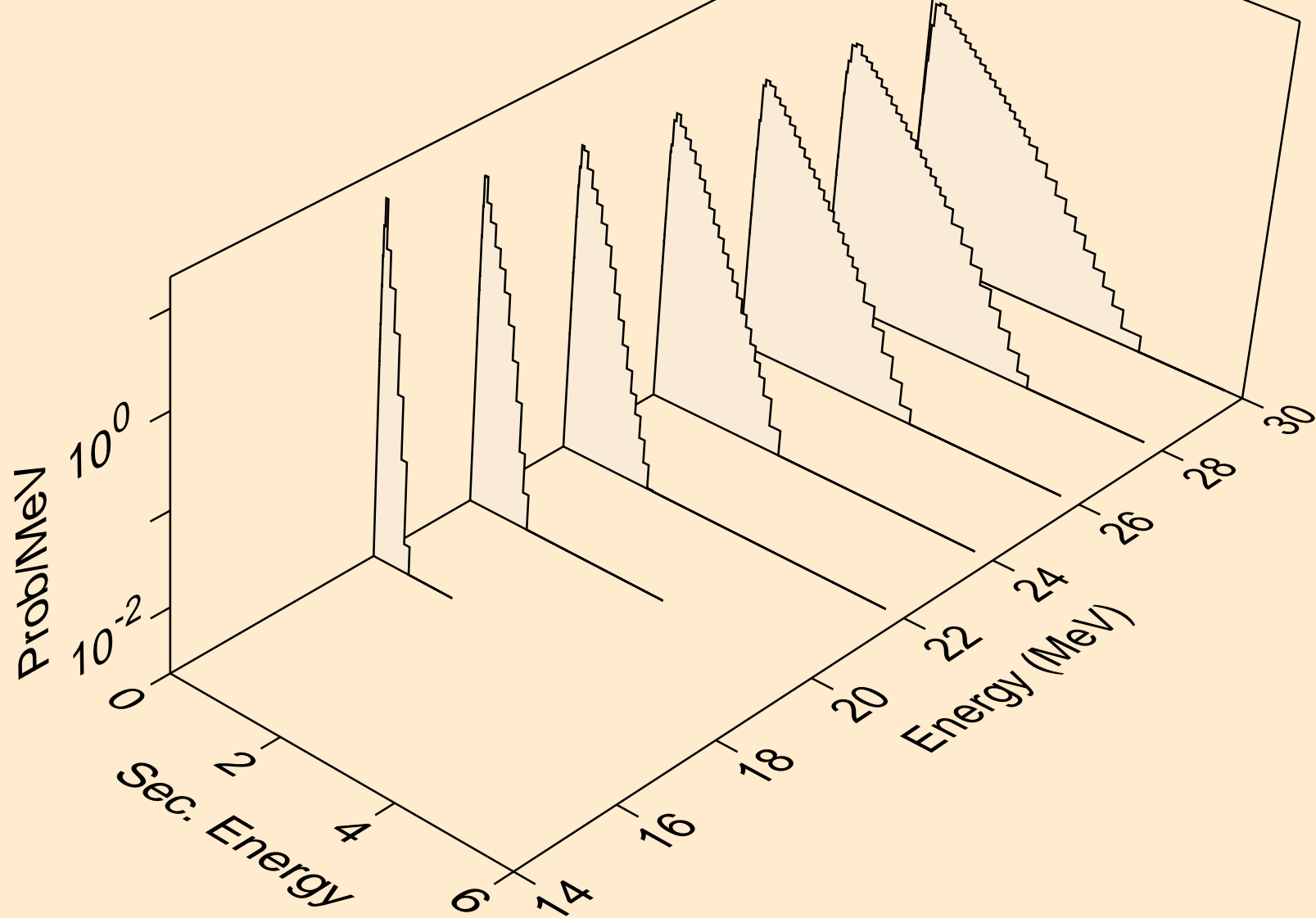
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



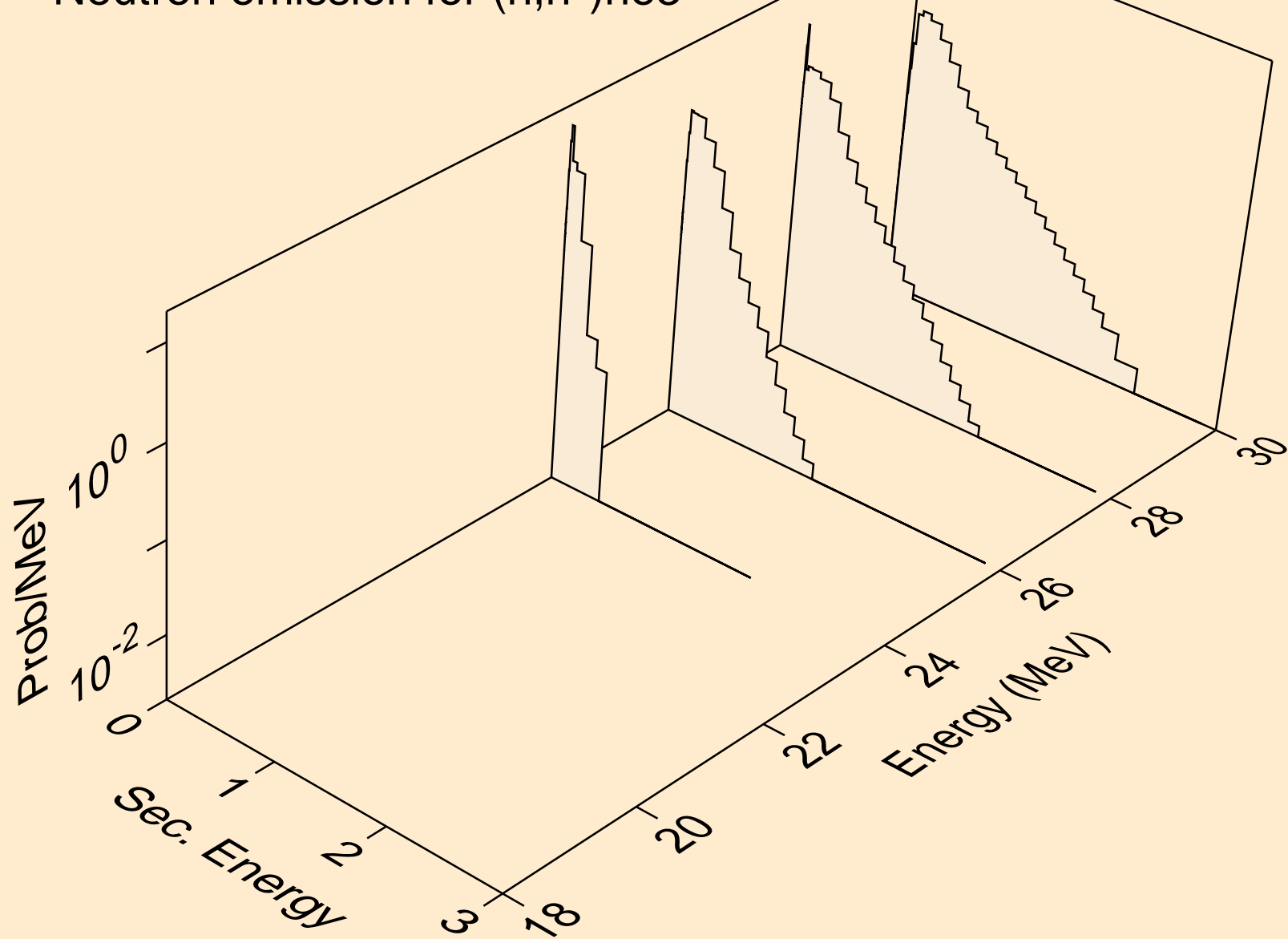
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Neutron emission for (n,n\*)d



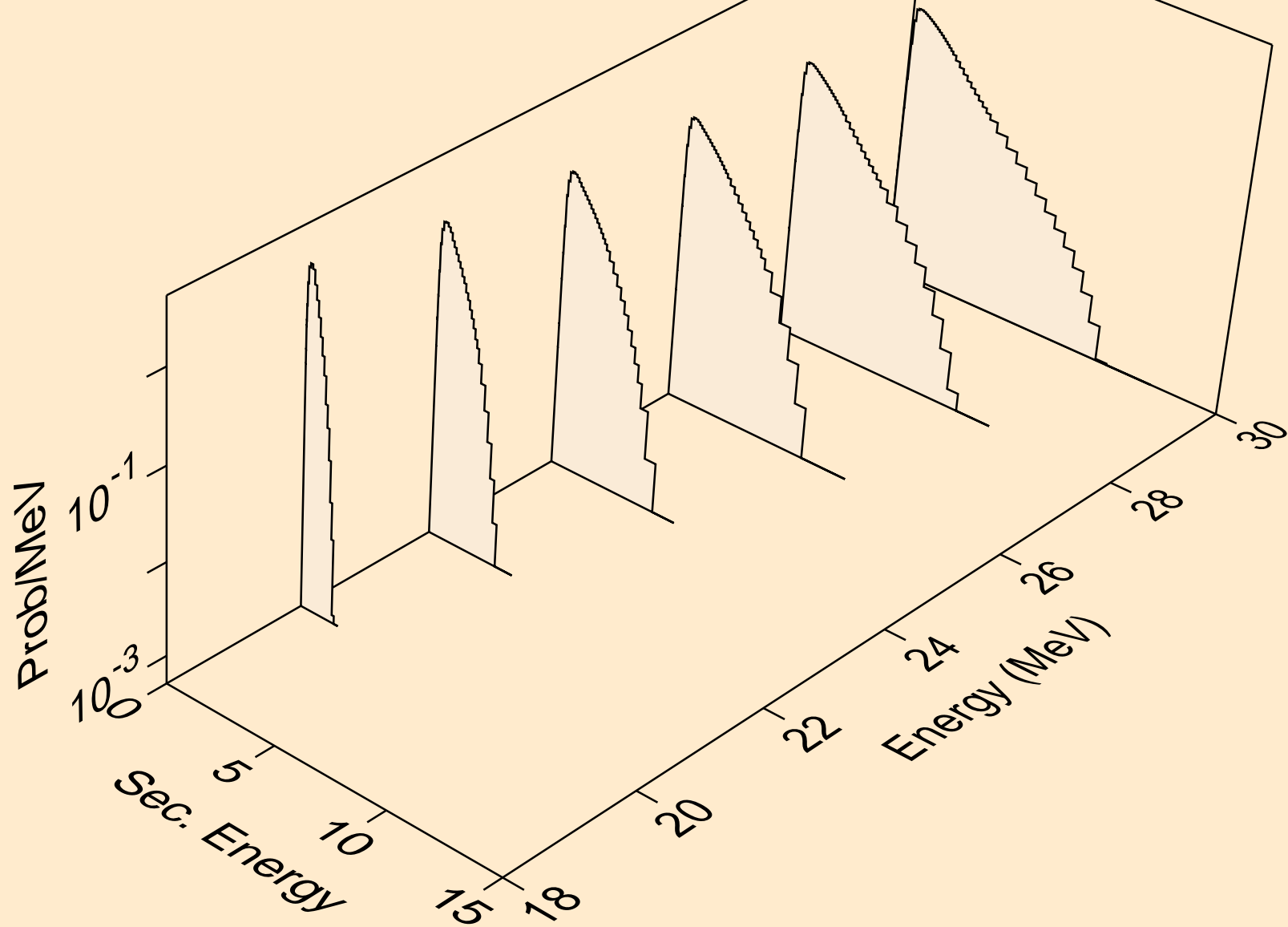
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Neutron emission for (n,n\*)t



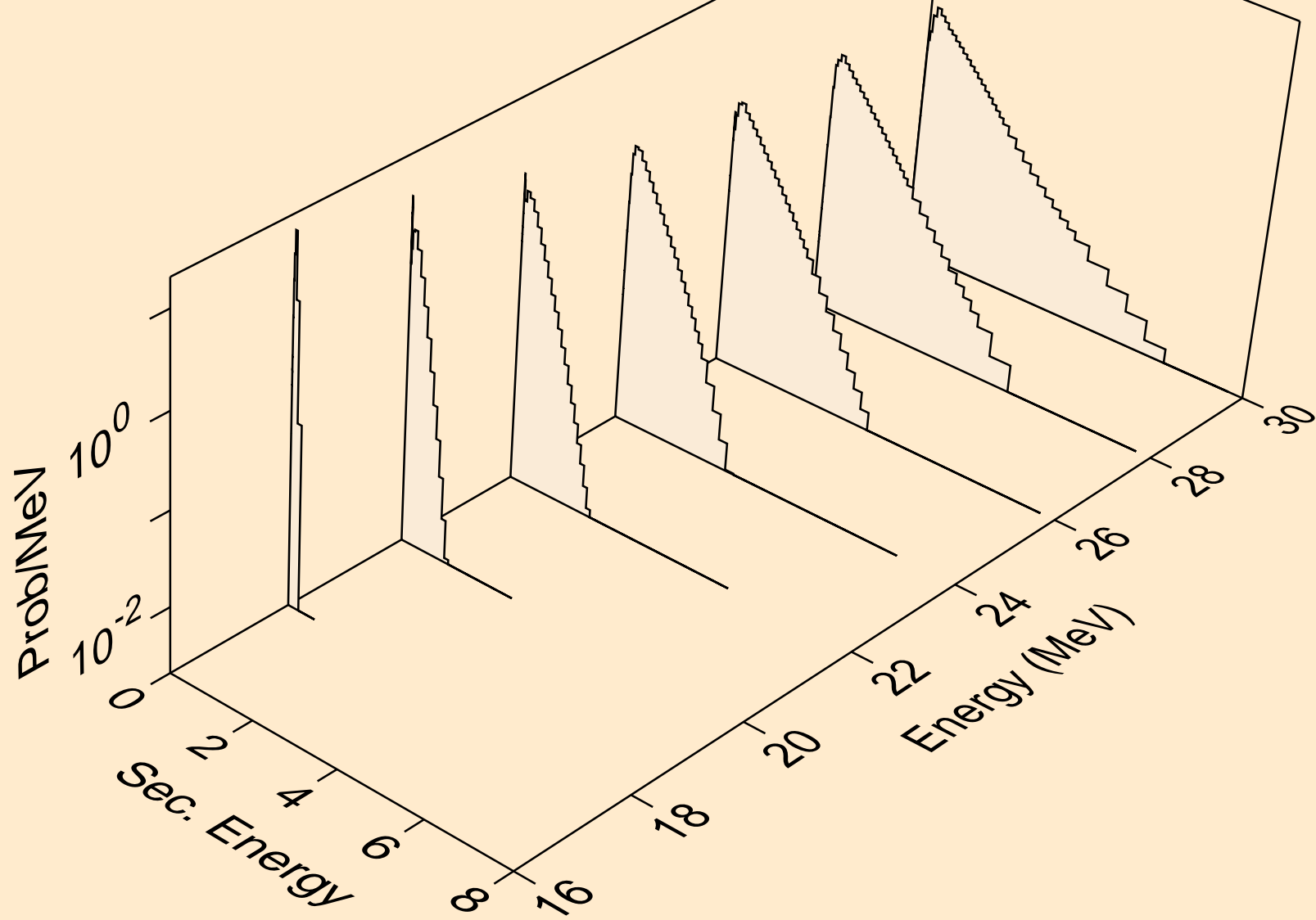
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Neutron emission for (n,n\*)he3



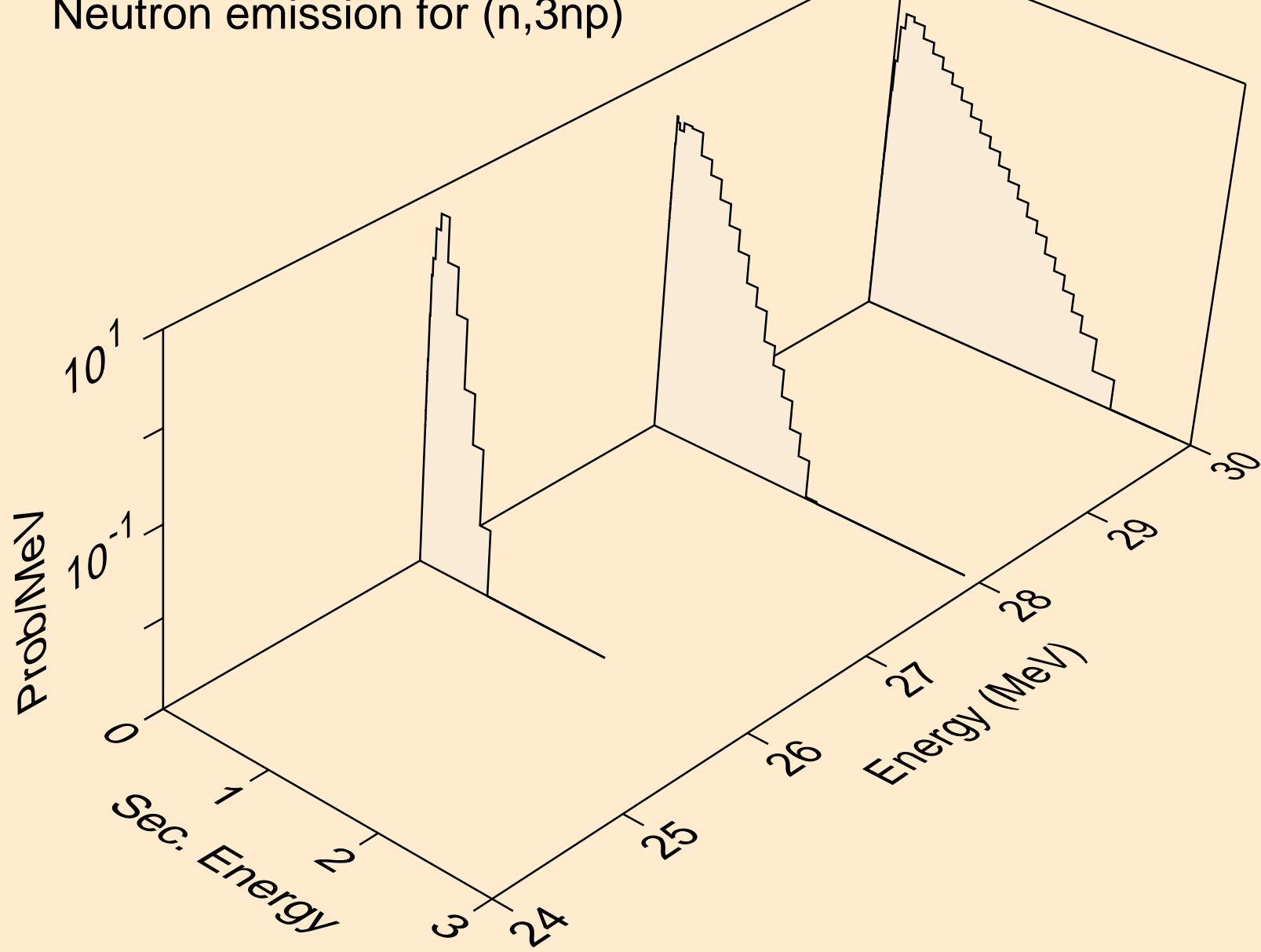
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

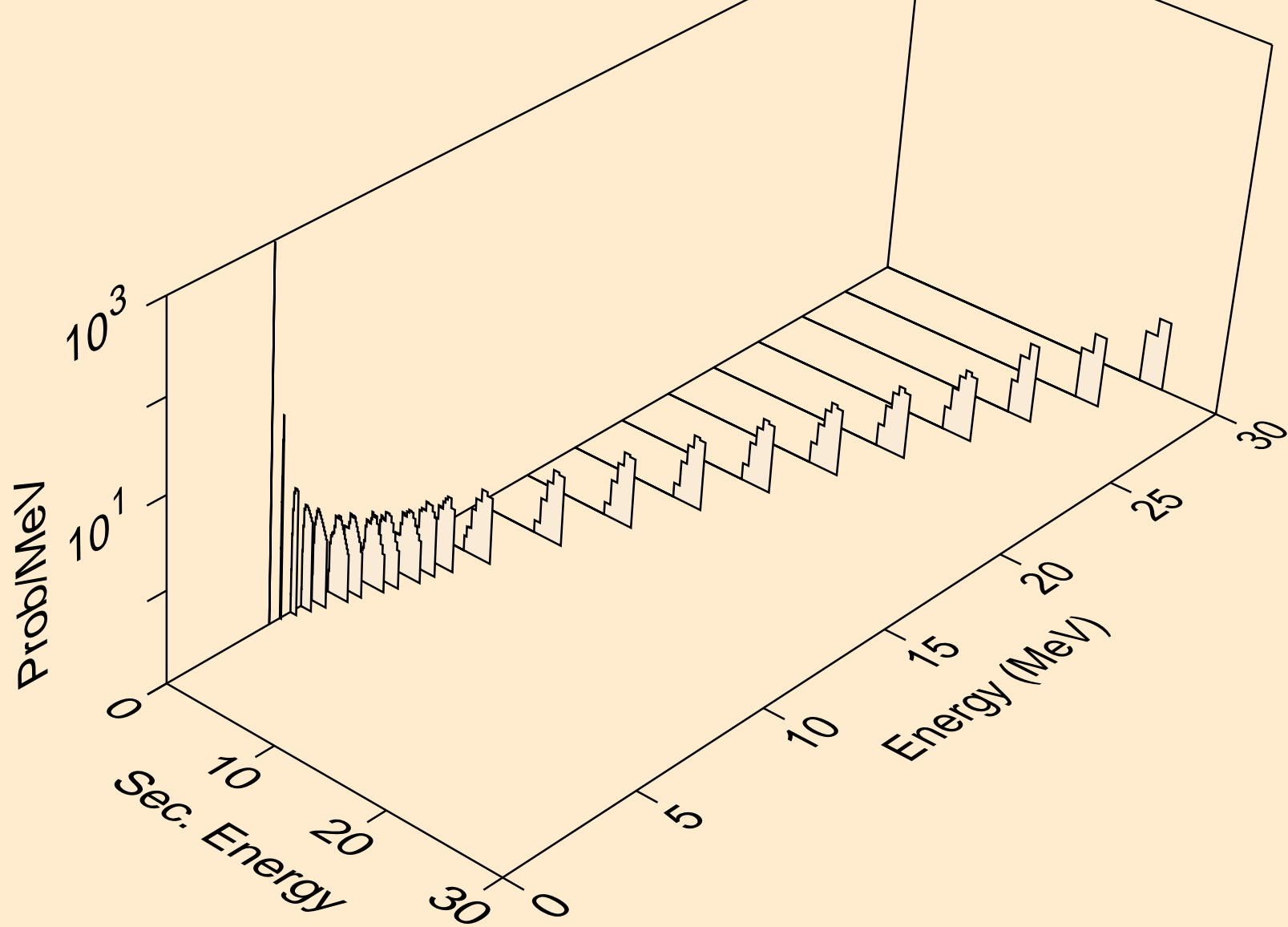


PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

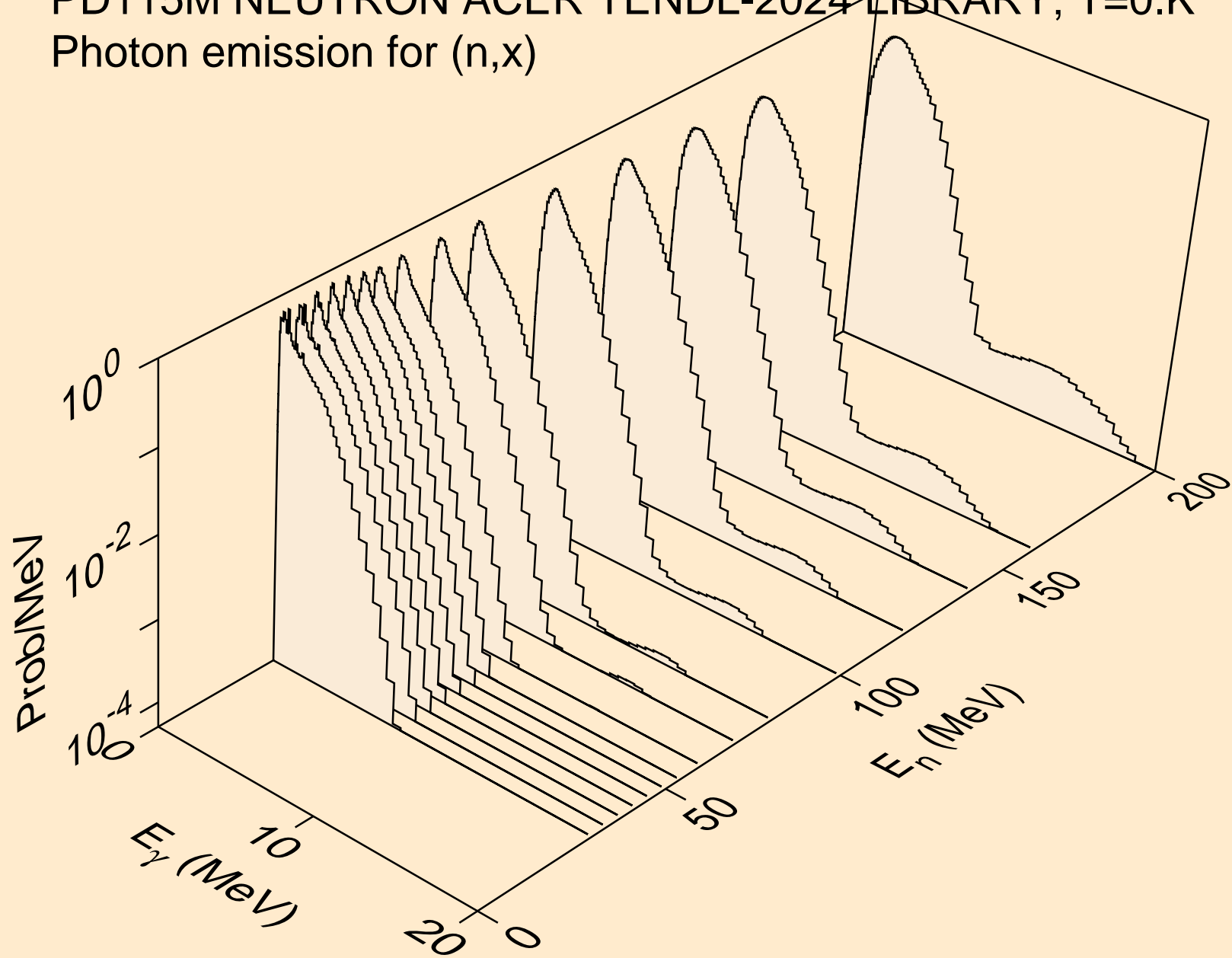




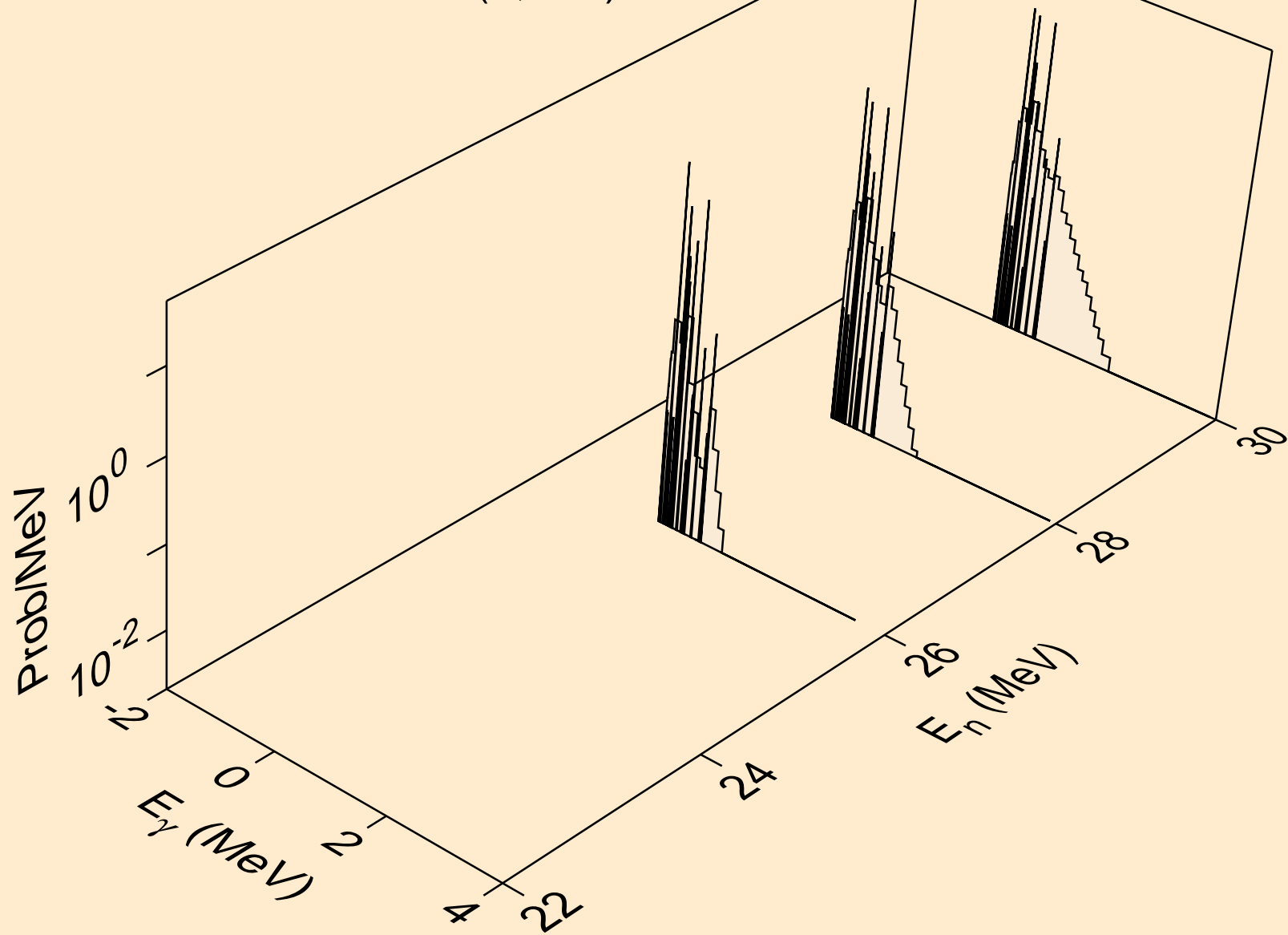
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Neutron emission for (n,n\*c)



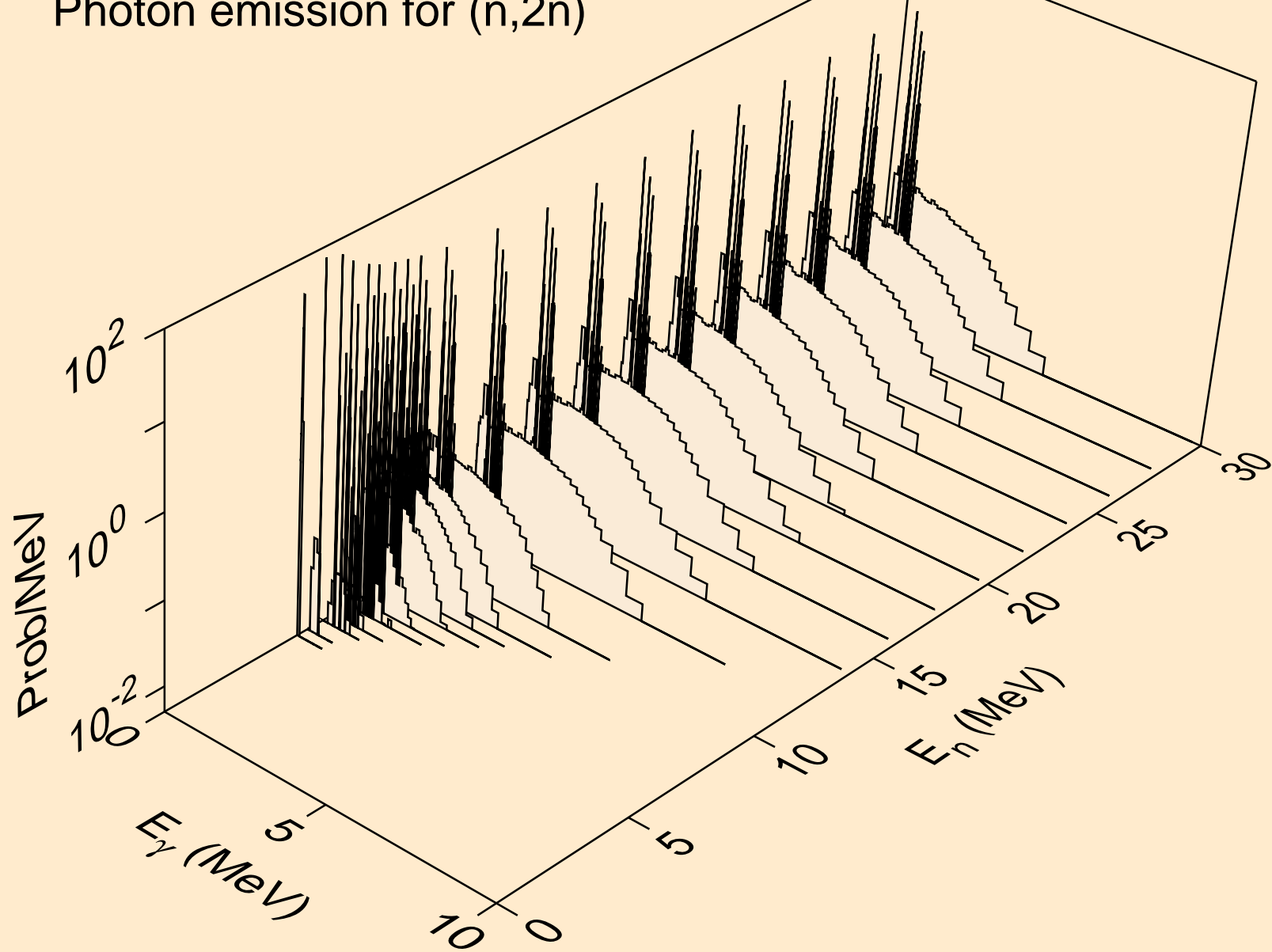
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



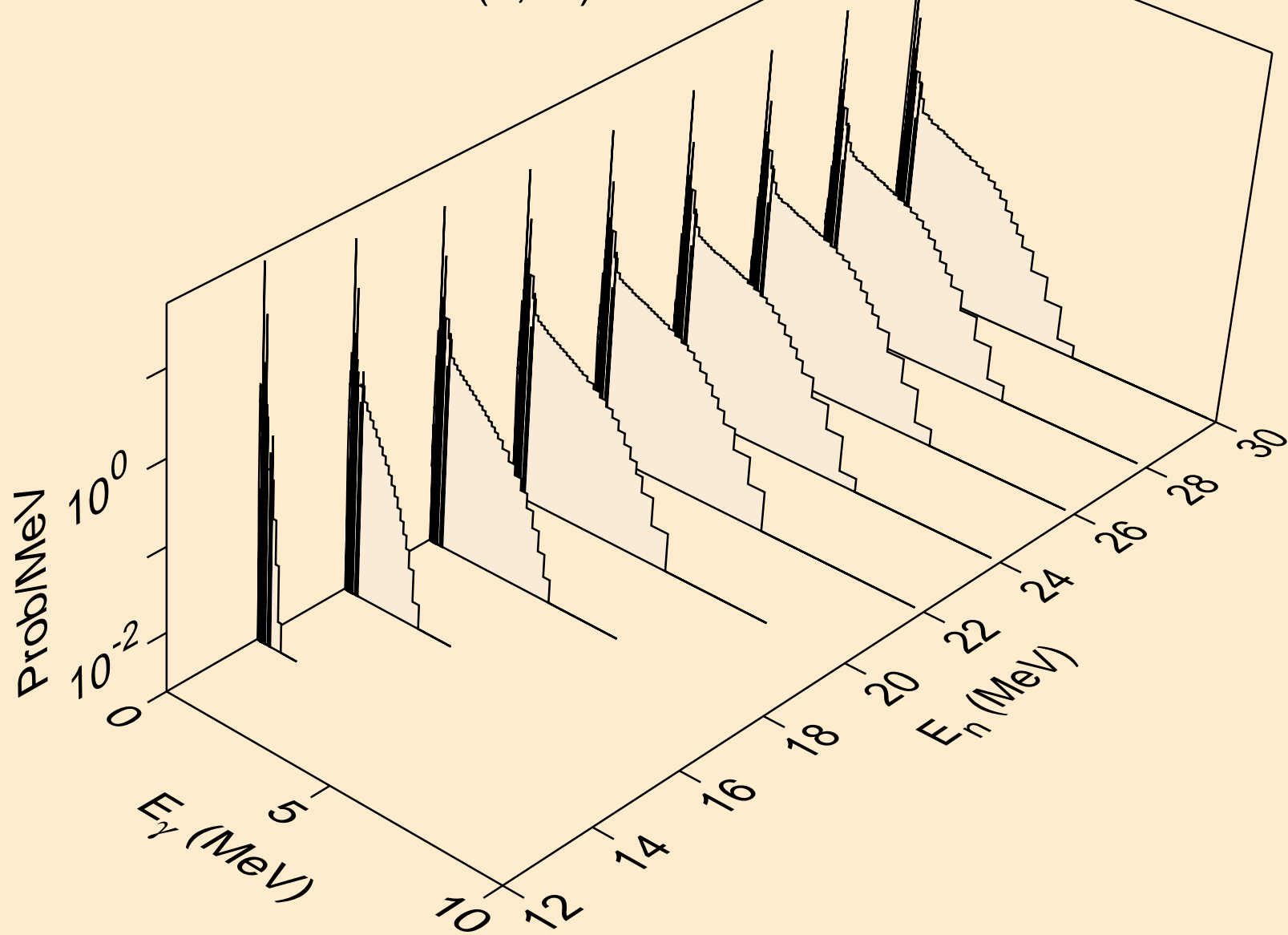
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



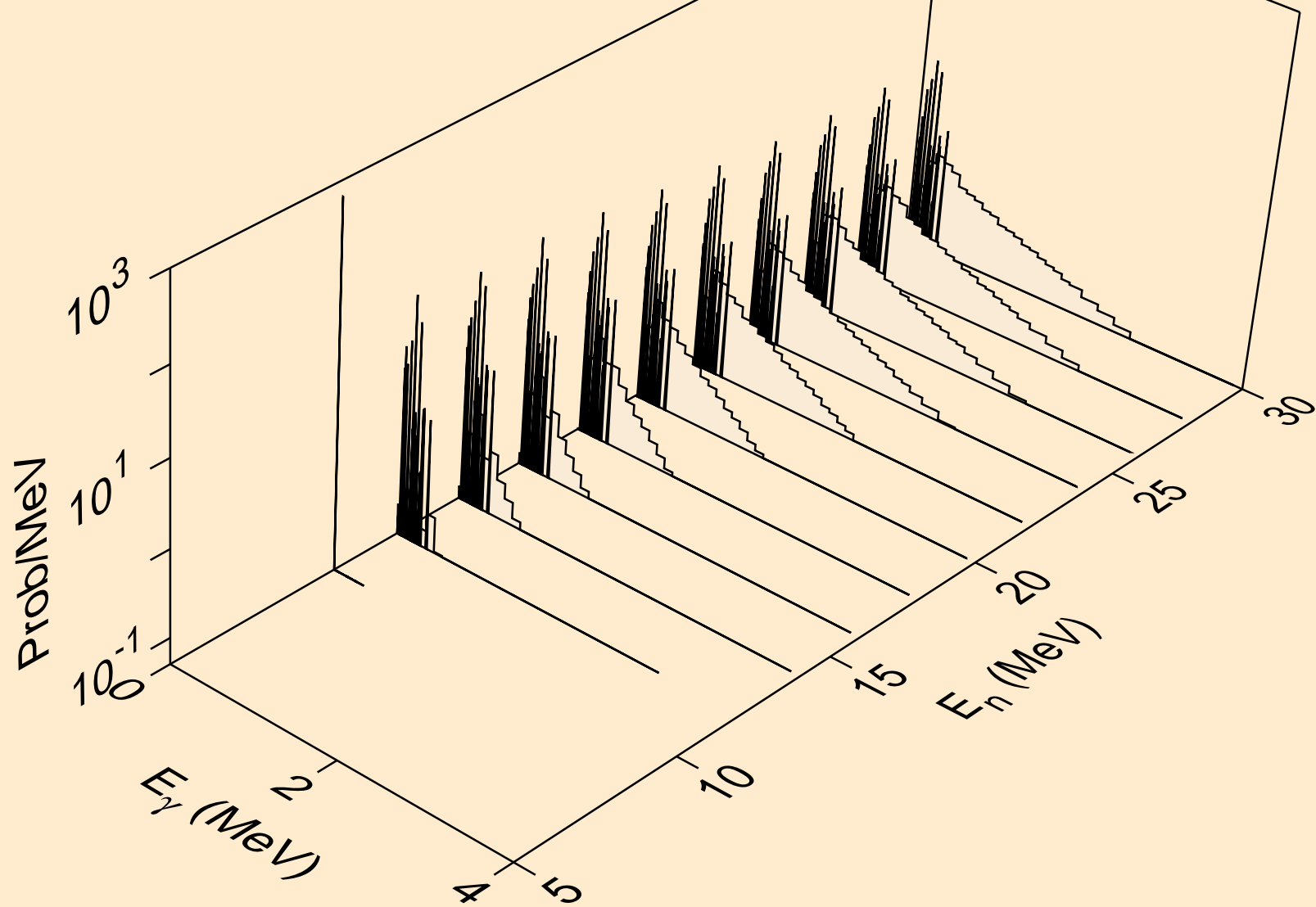
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



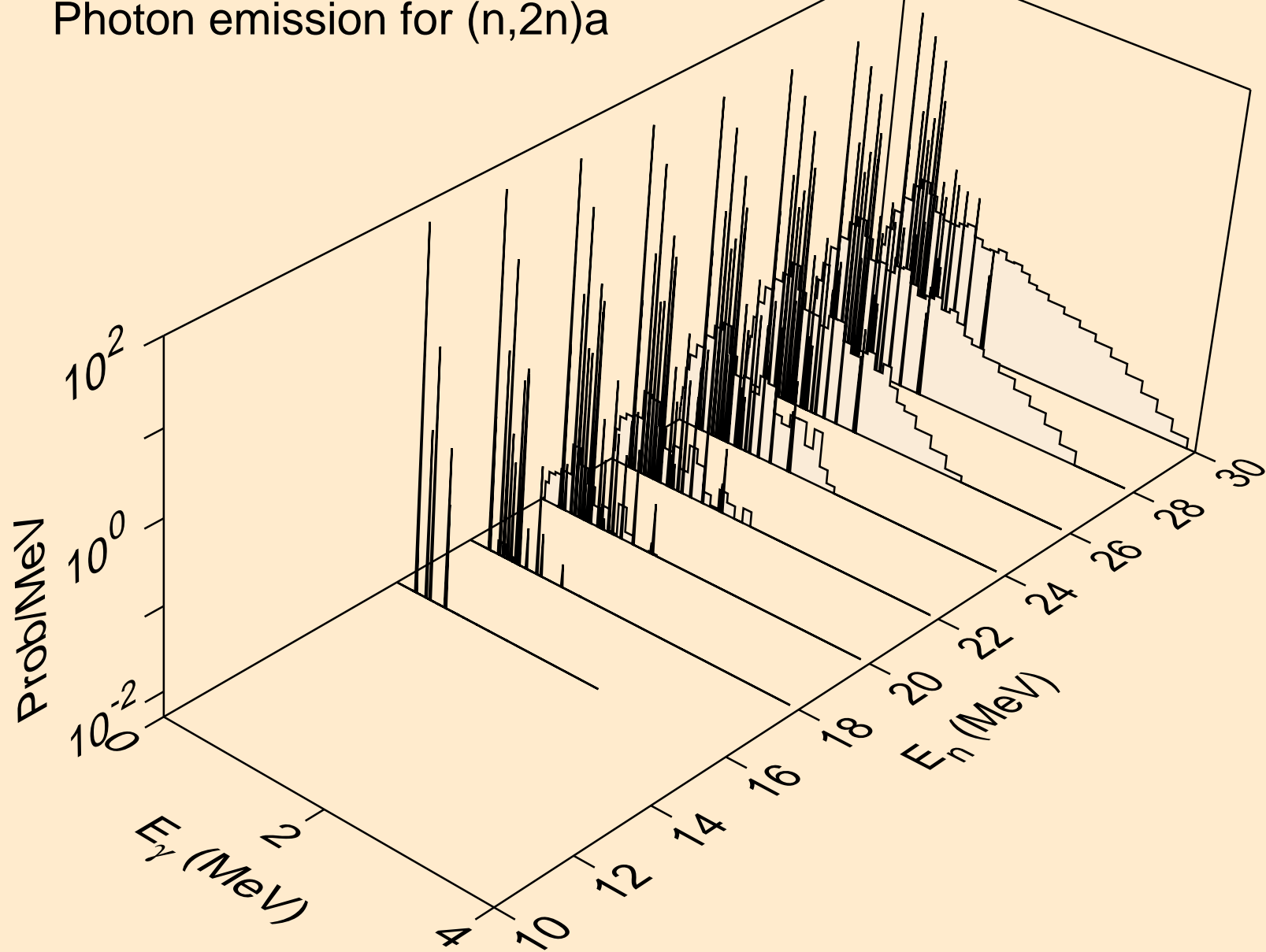
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Photon emission for (n,3n)



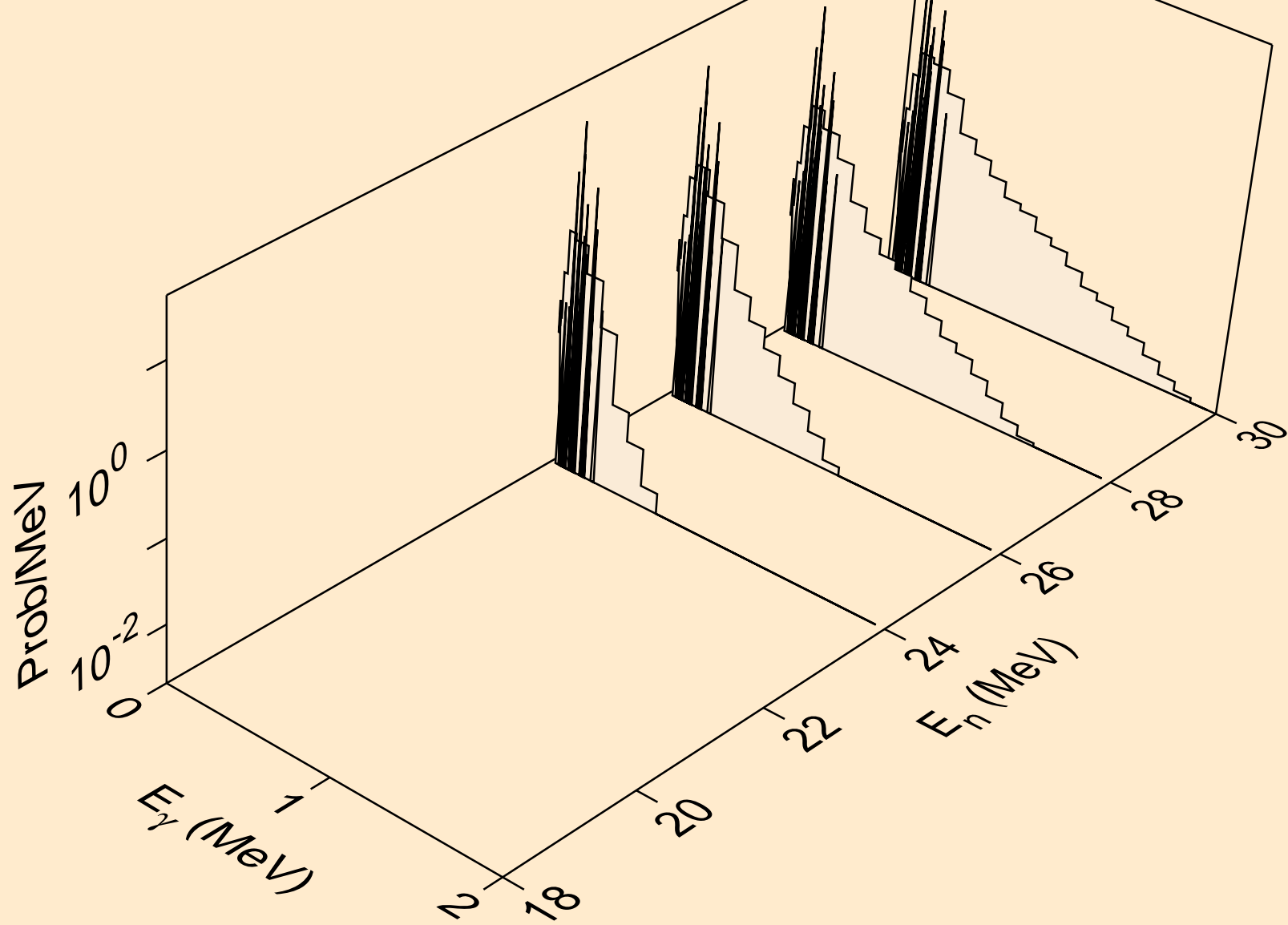
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

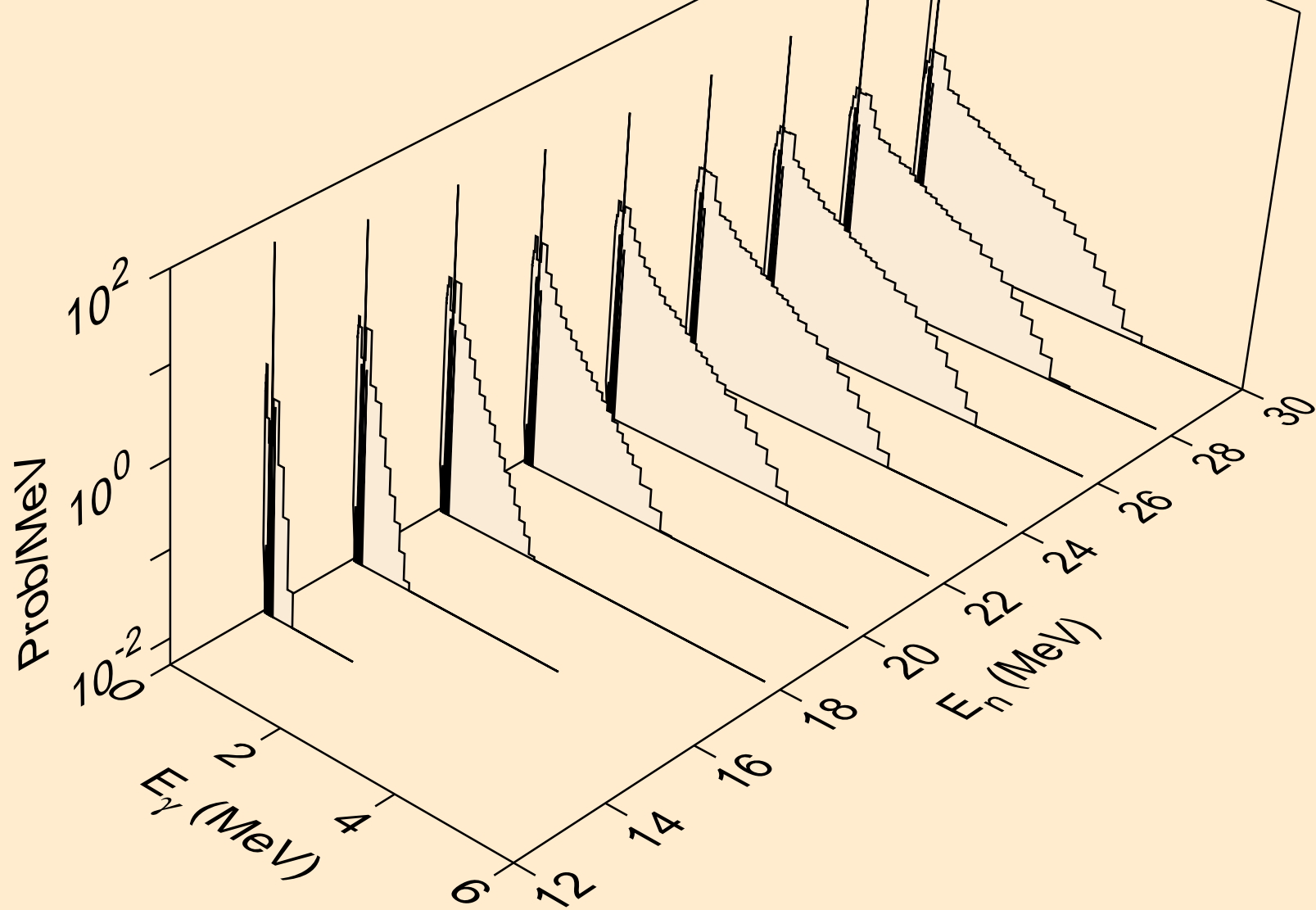


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Photon emission for (n,3n)a

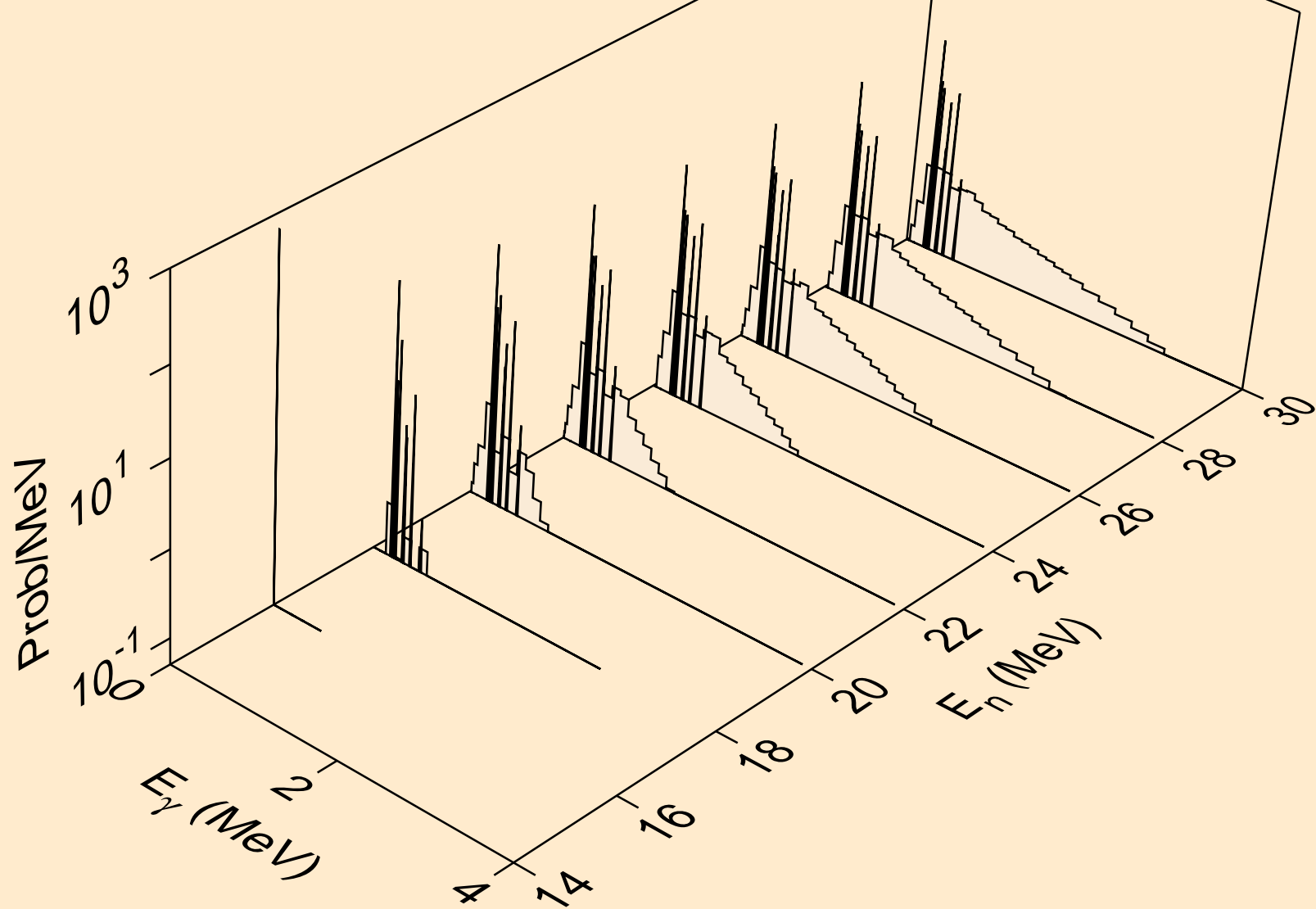




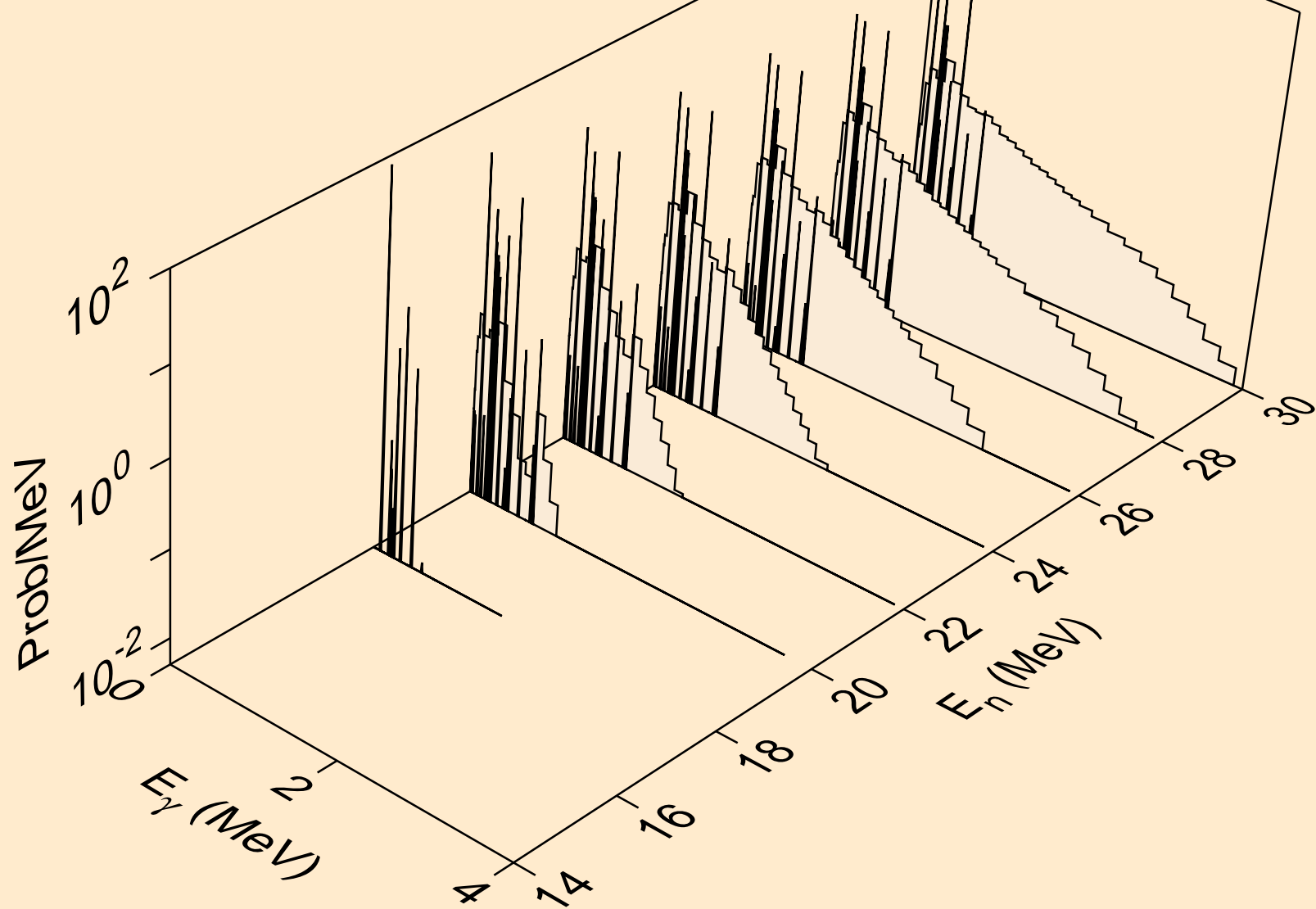
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Photon emission for (n,n\*)p



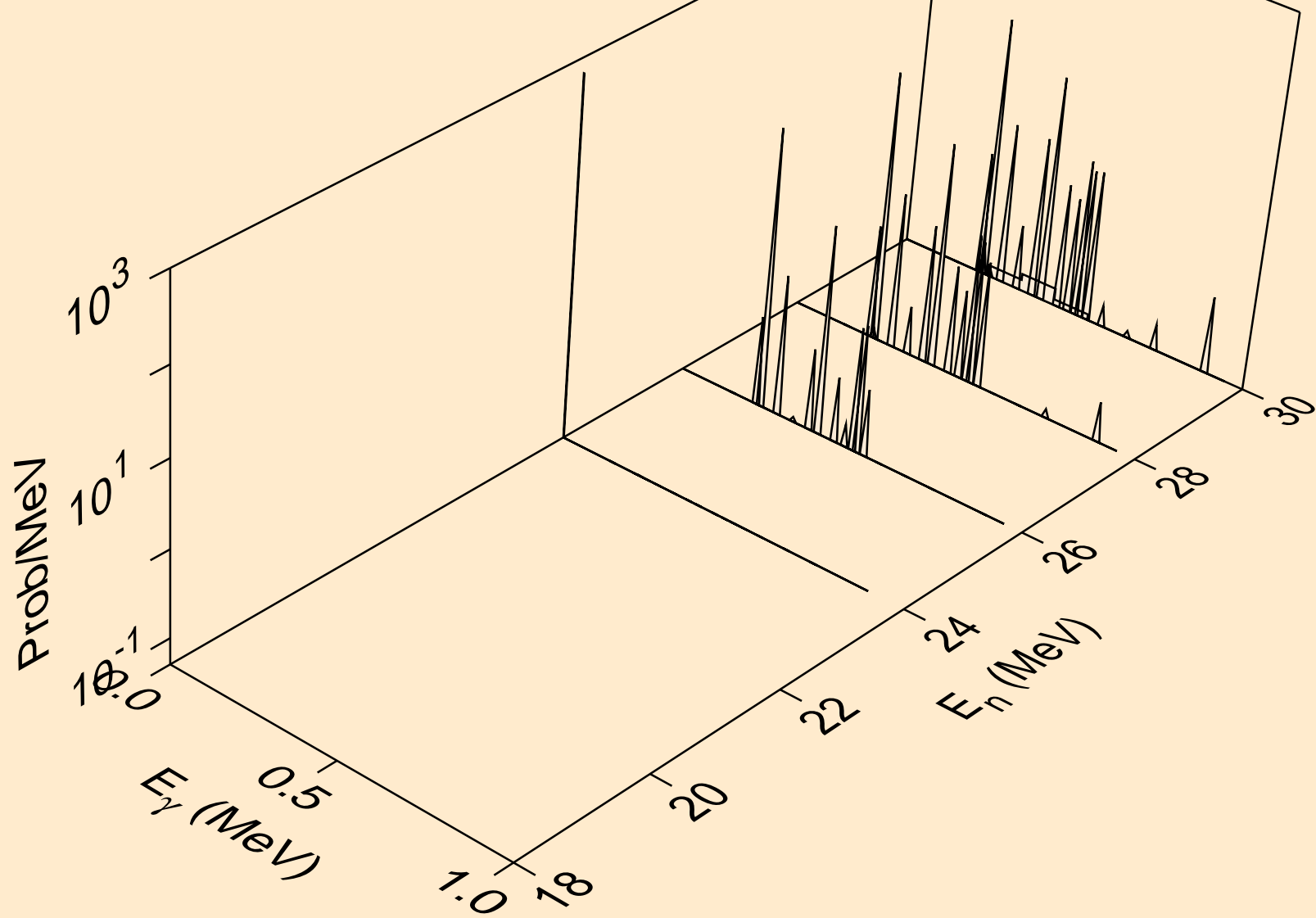
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Photon emission for (n,n\*)d



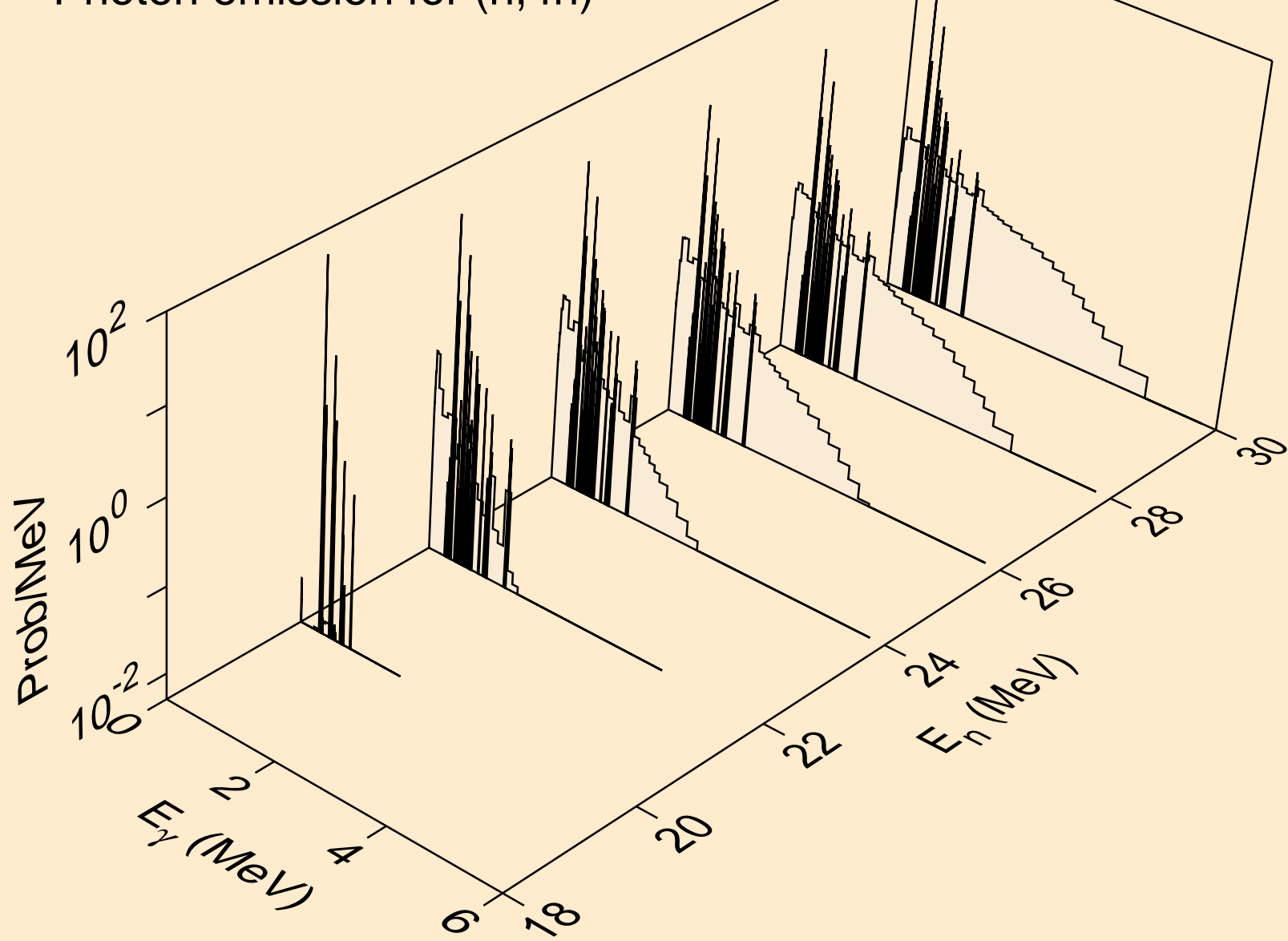
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Photon emission for (n,n\*)t



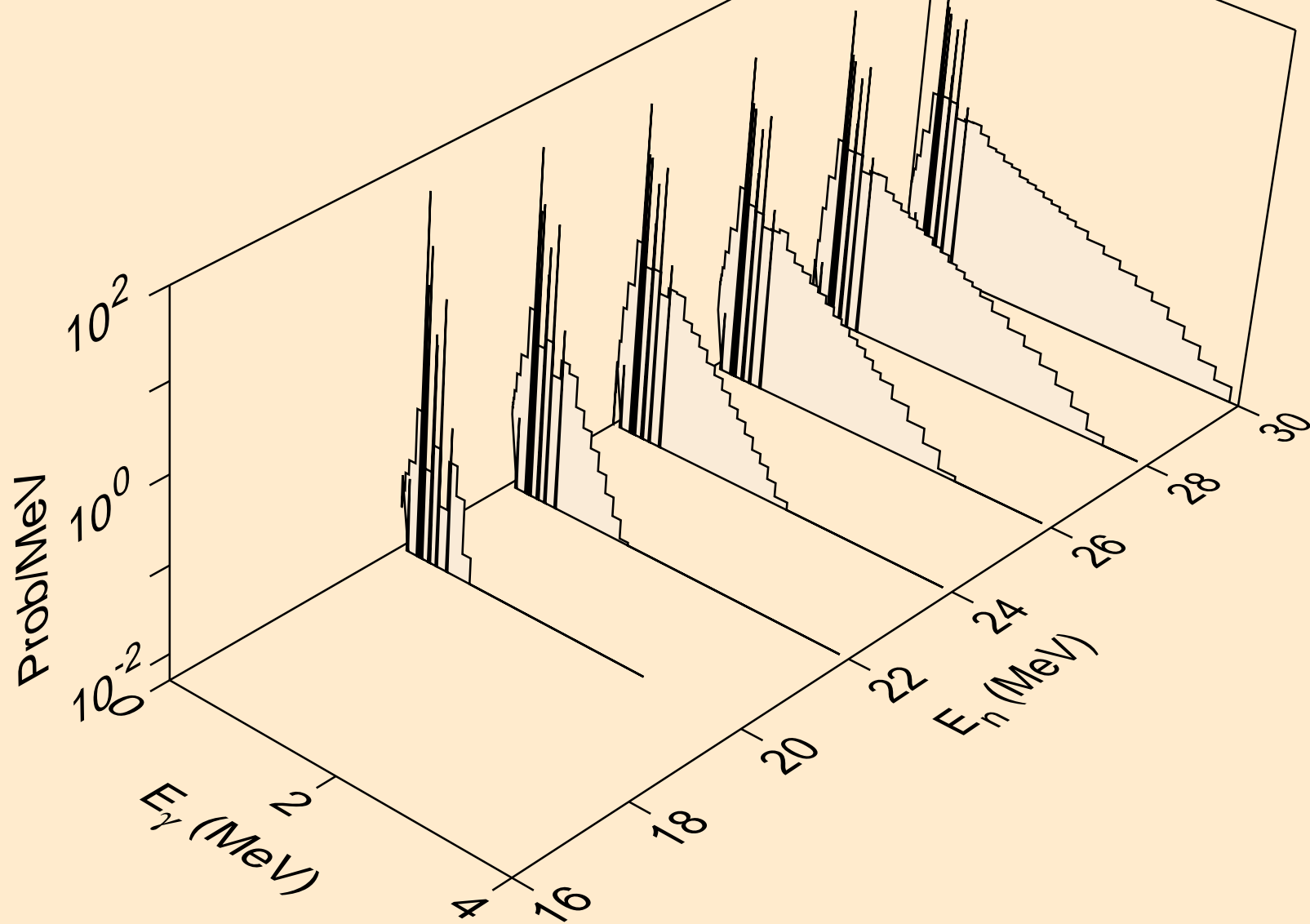
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Photon emission for (n,n\*)he3



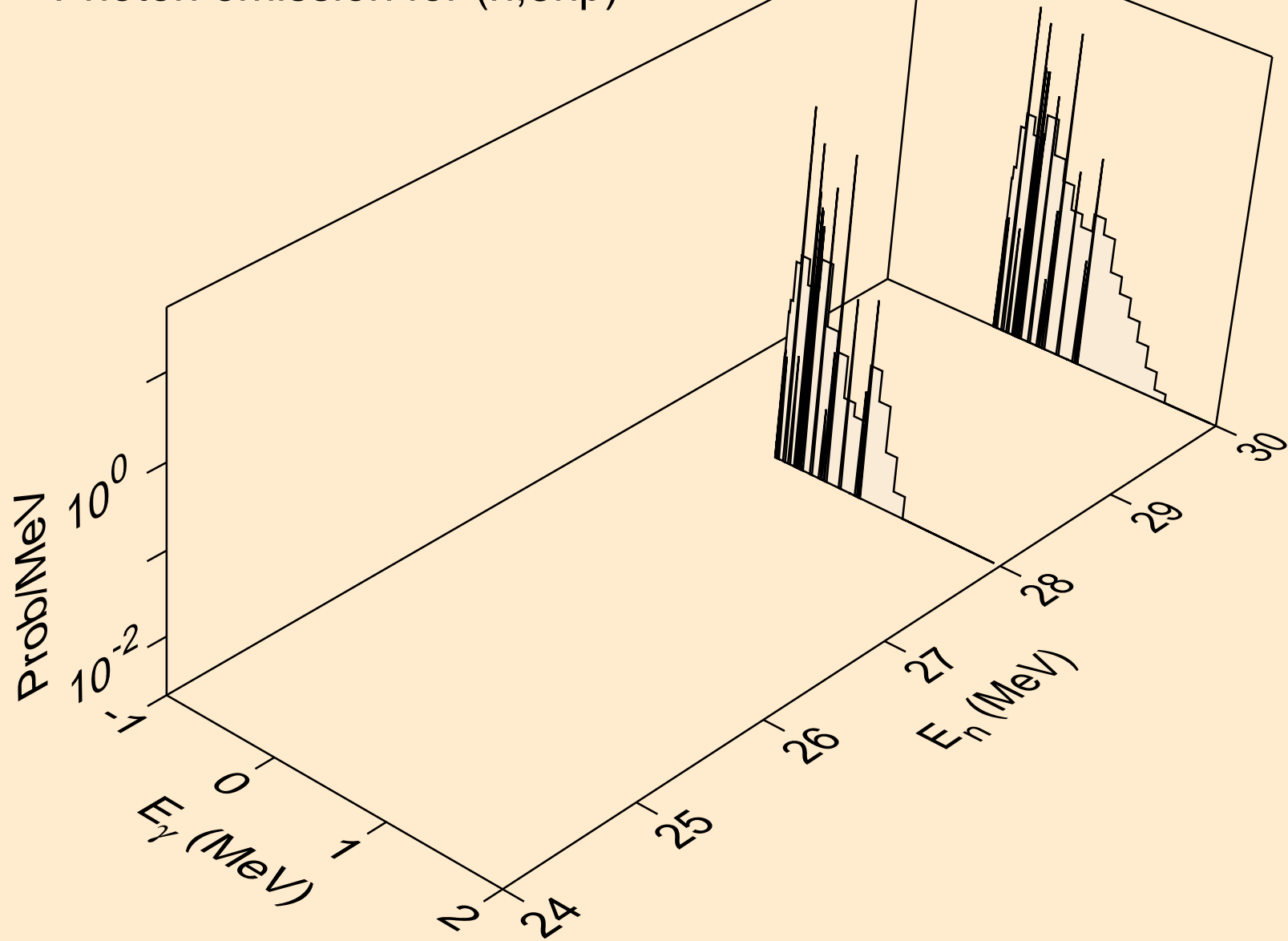
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Photon emission for (n,4n)



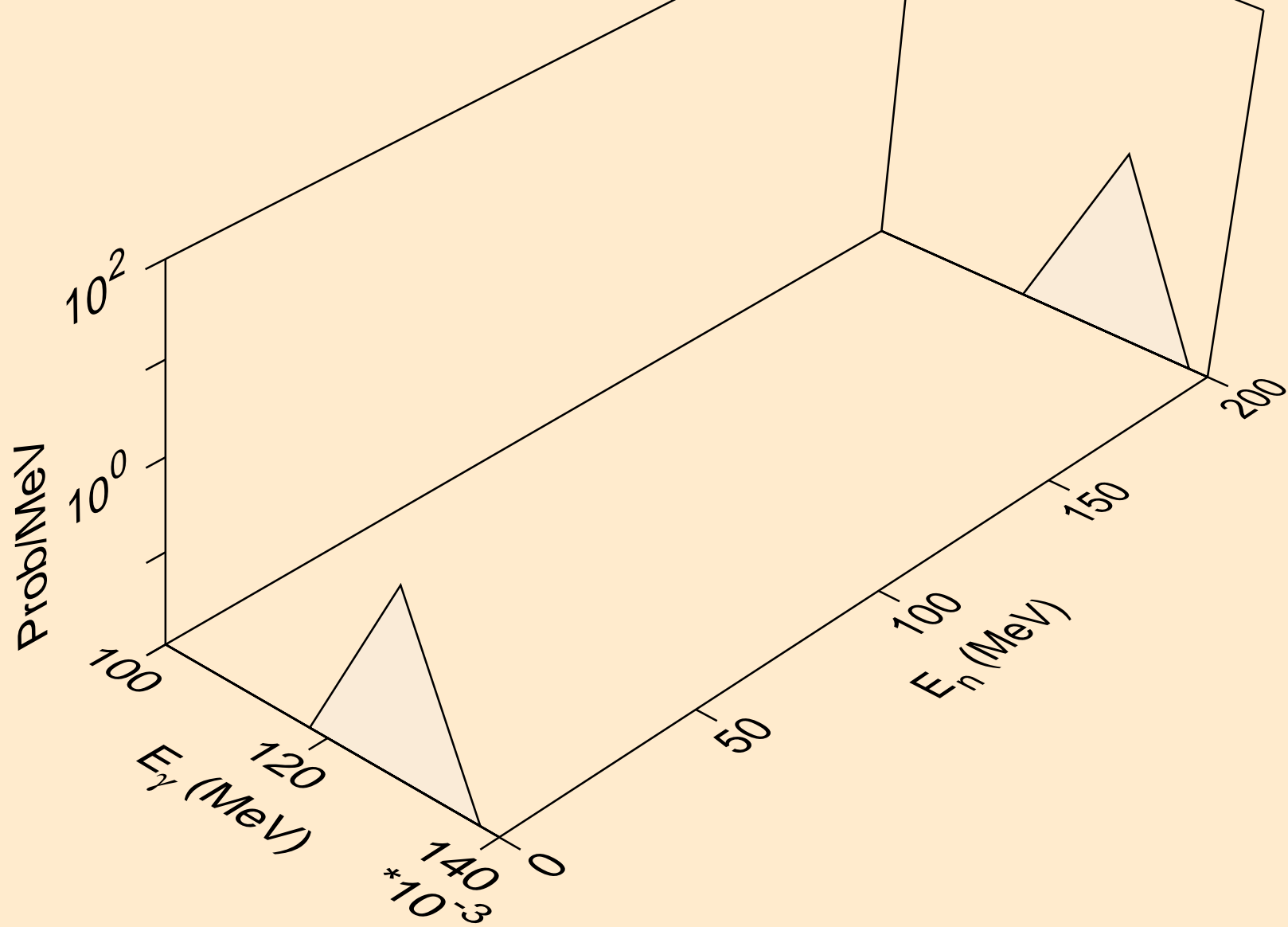
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

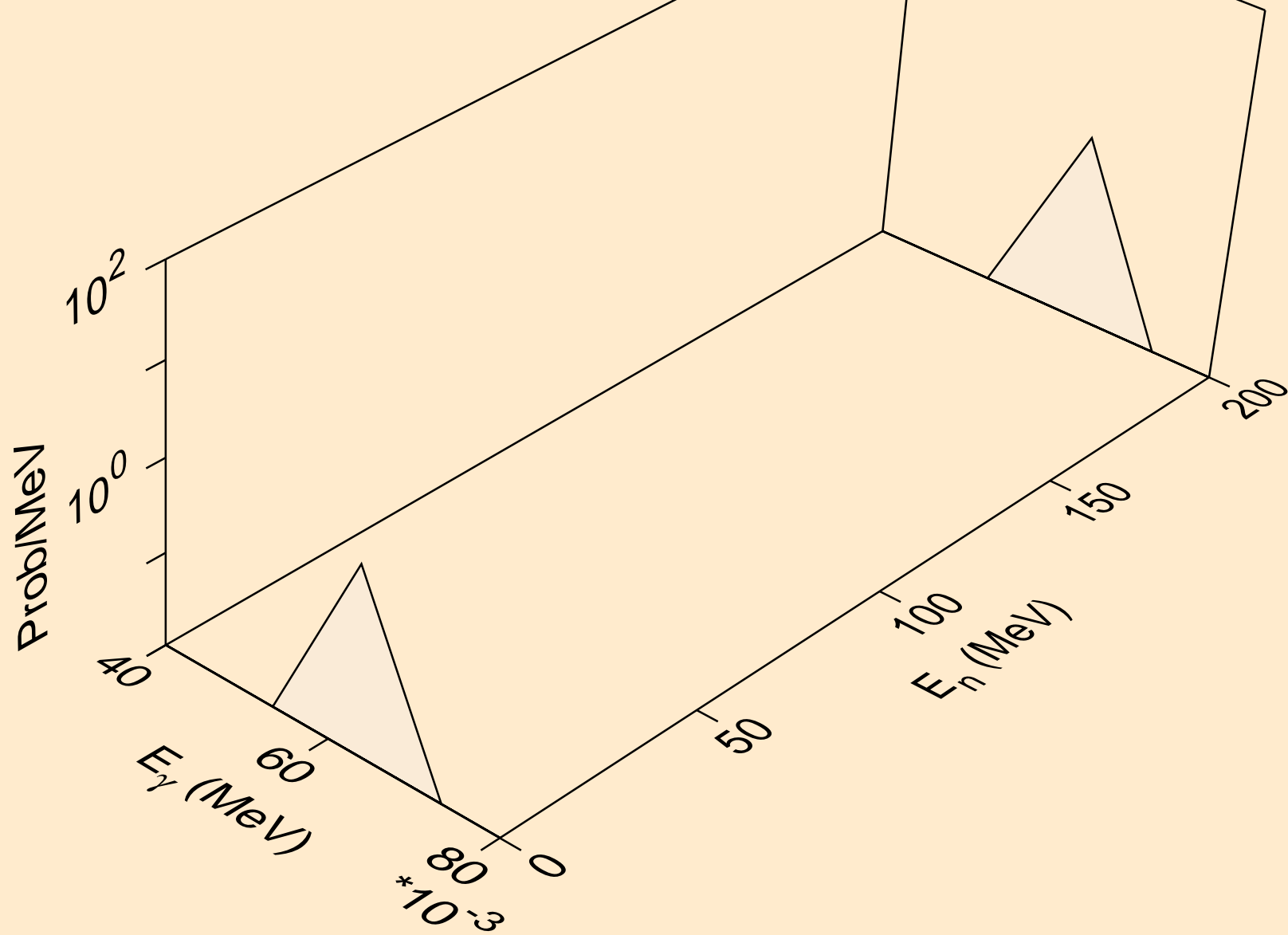


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Photon emission for (n,n\*2)

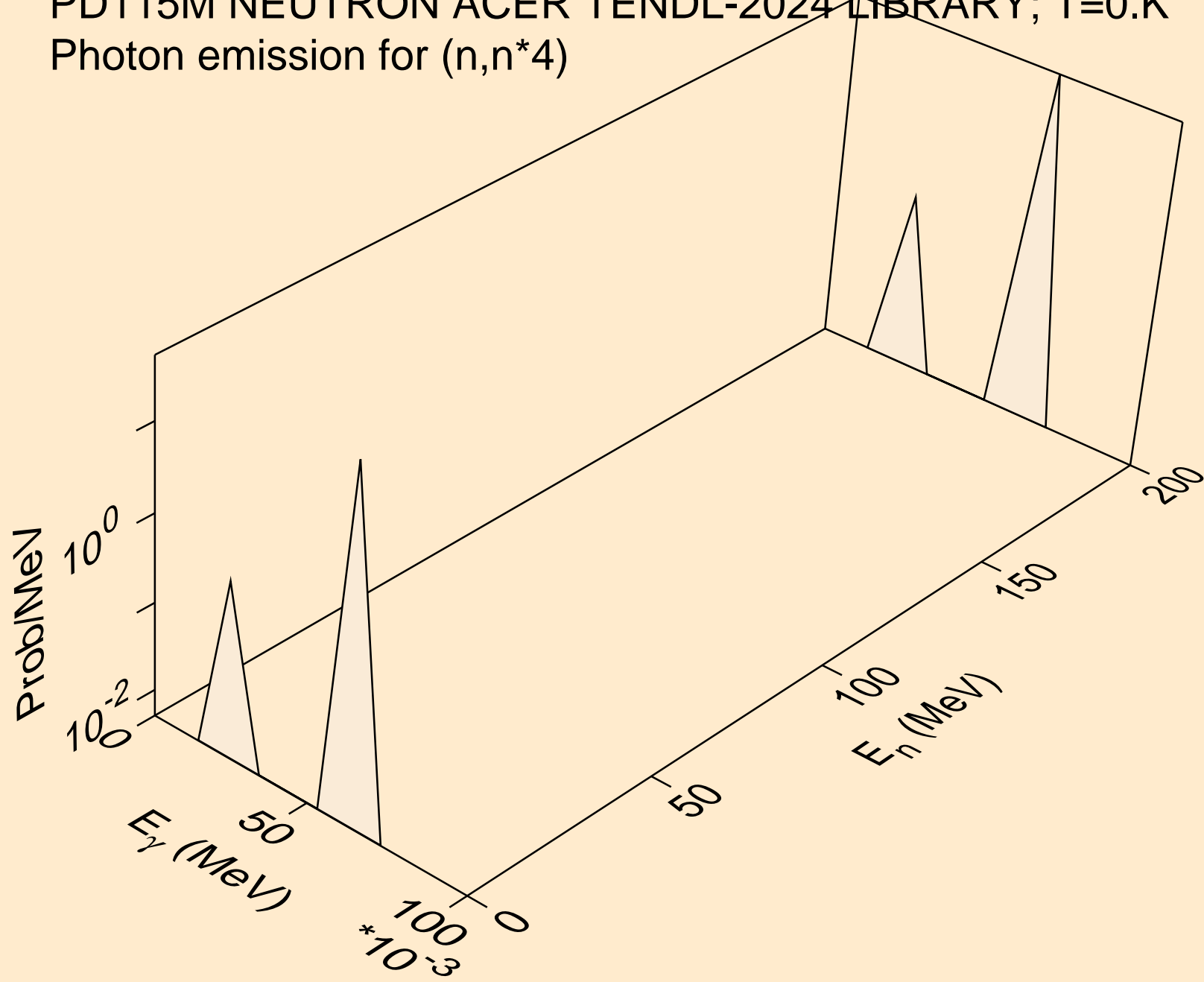




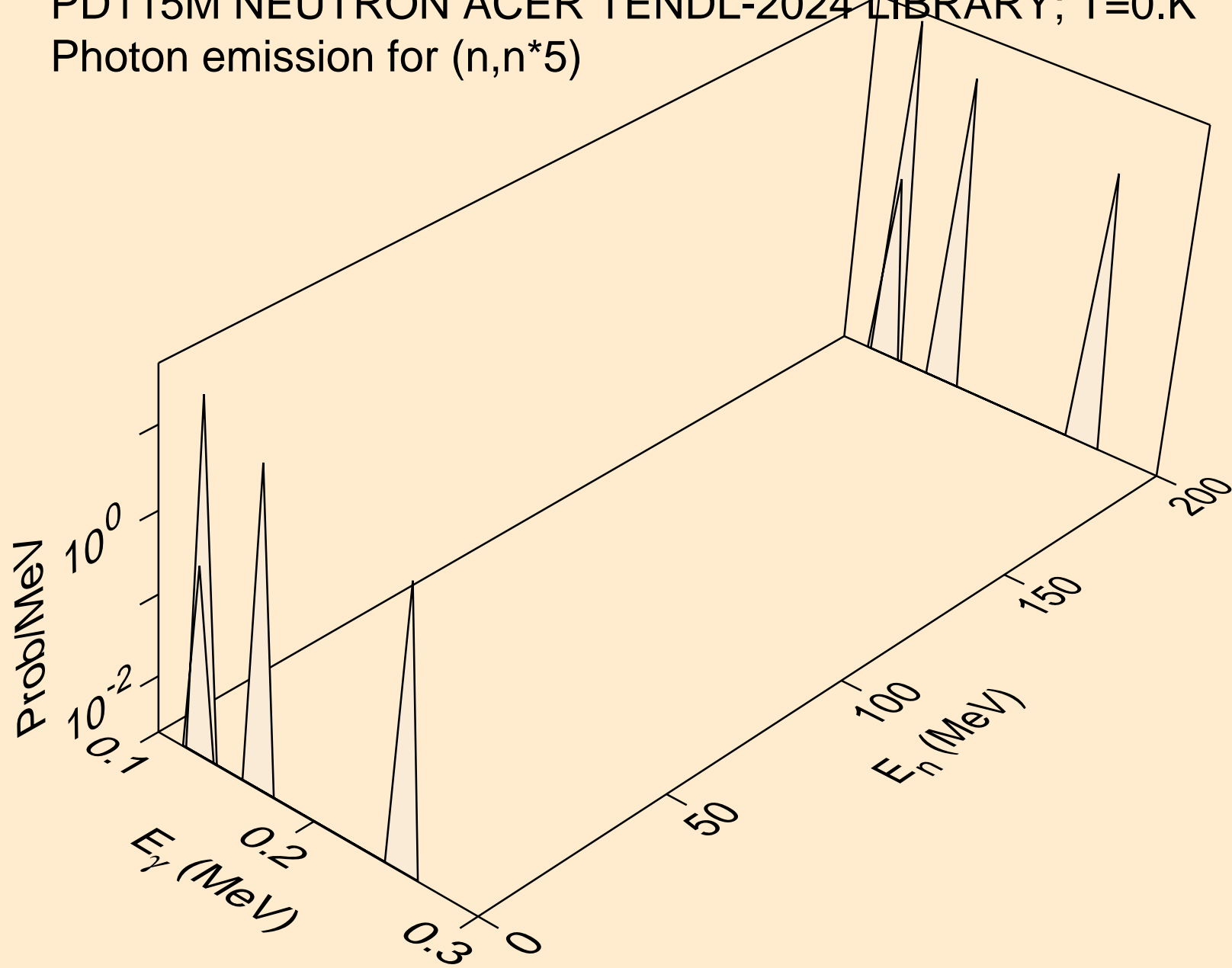
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Photon emission for (n,n\*3)



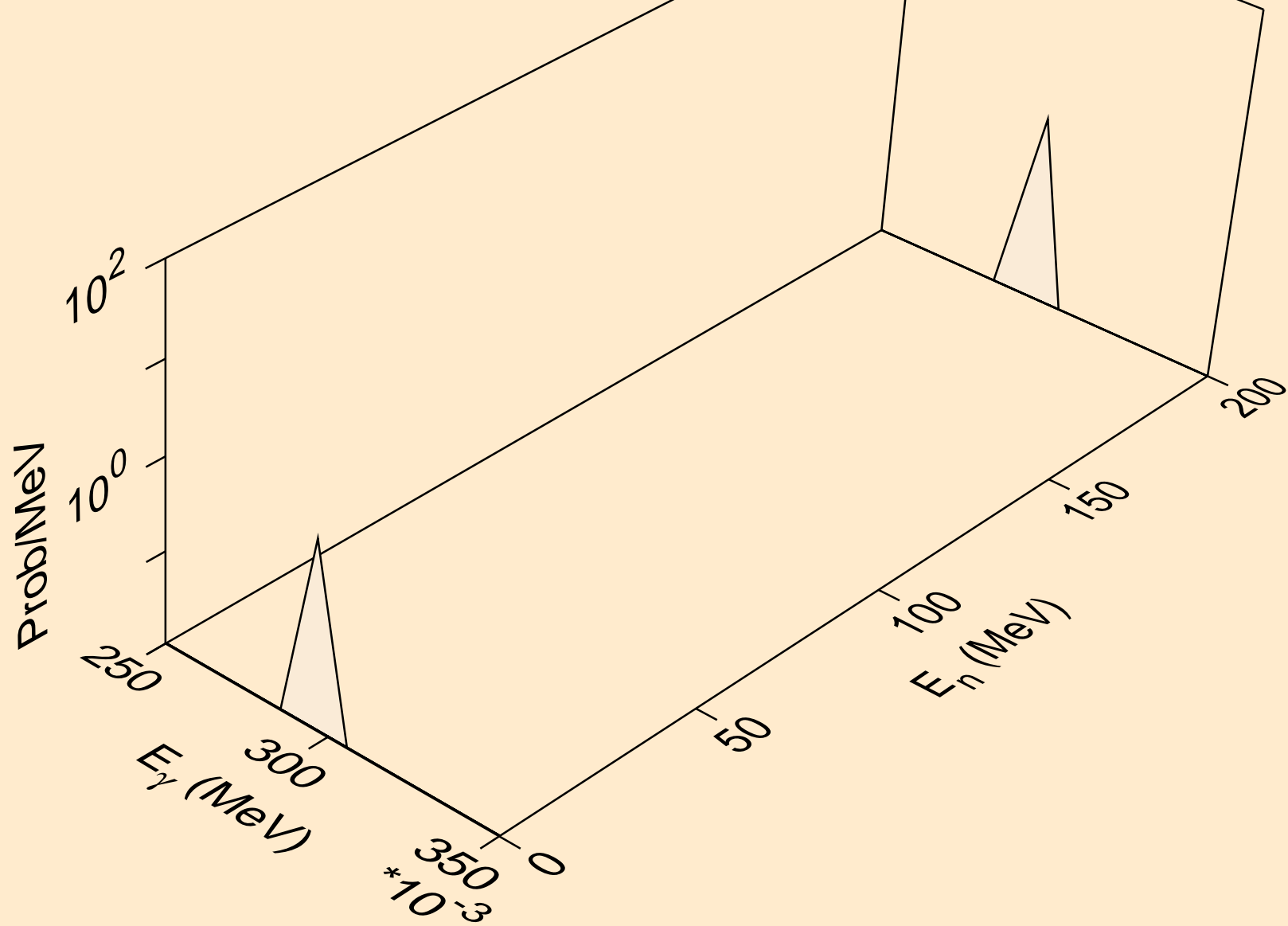
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Photon emission for (n,n\*4)



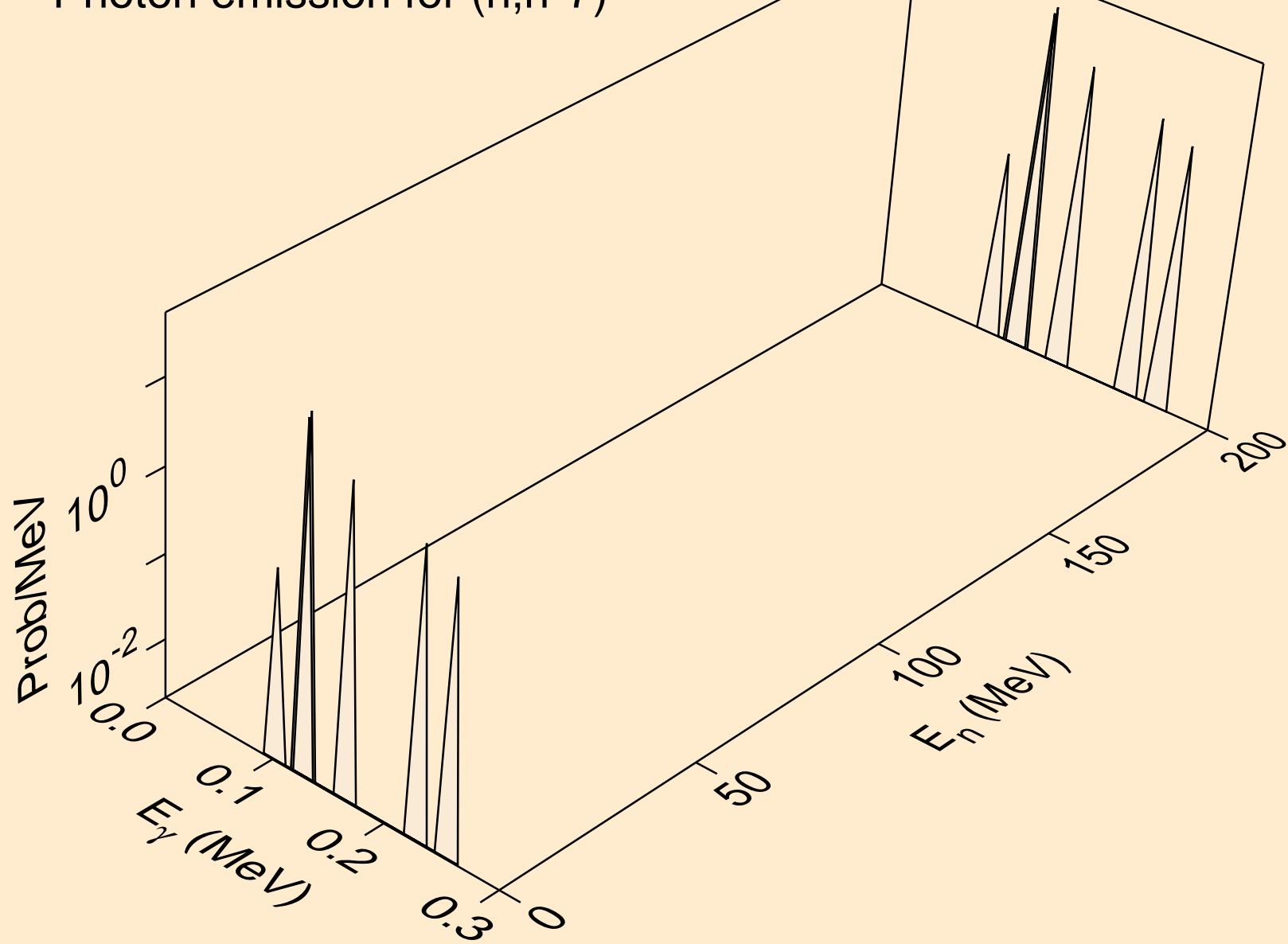
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Photon emission for (n,n\*5)



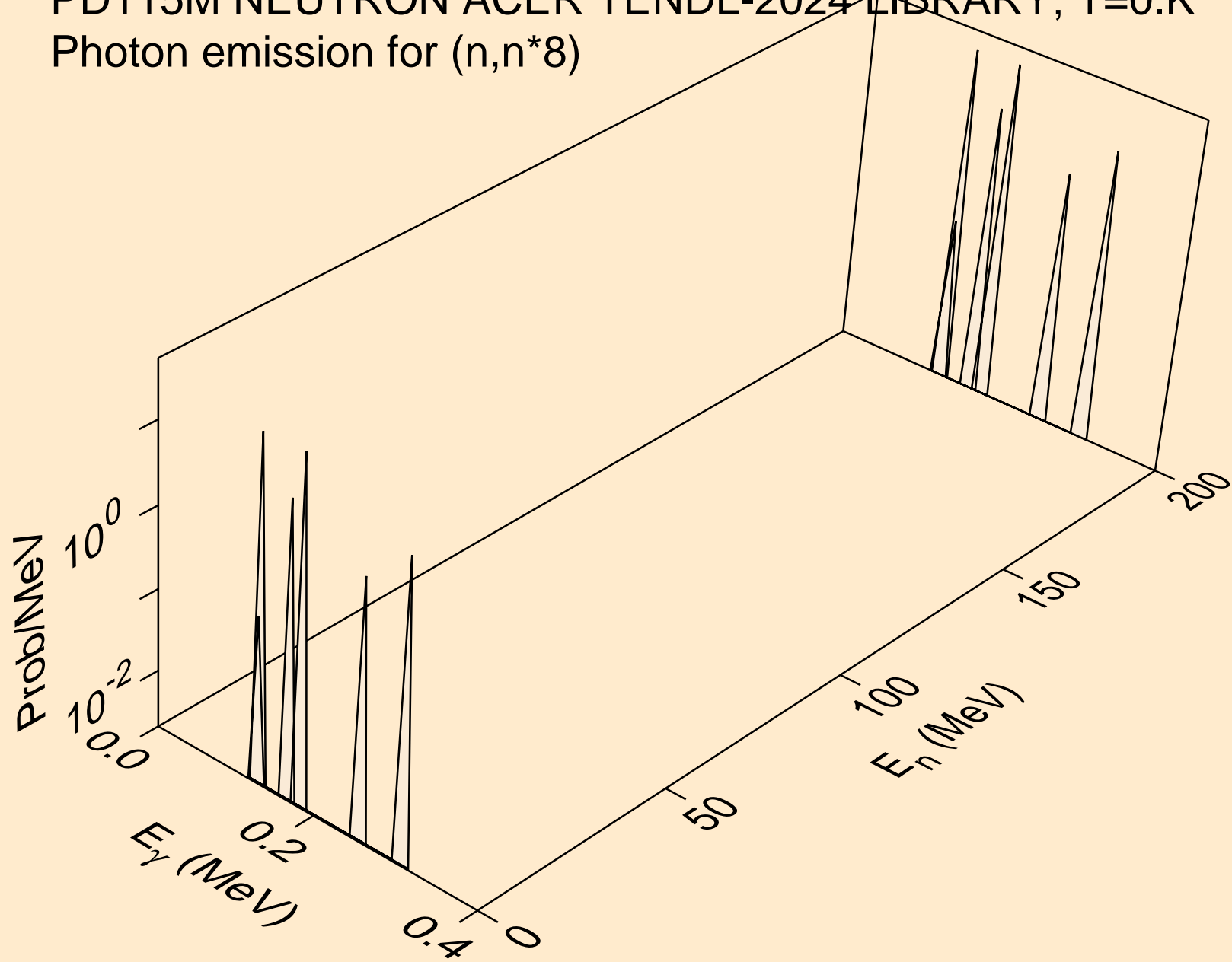
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Photon emission for (n,n\*6)



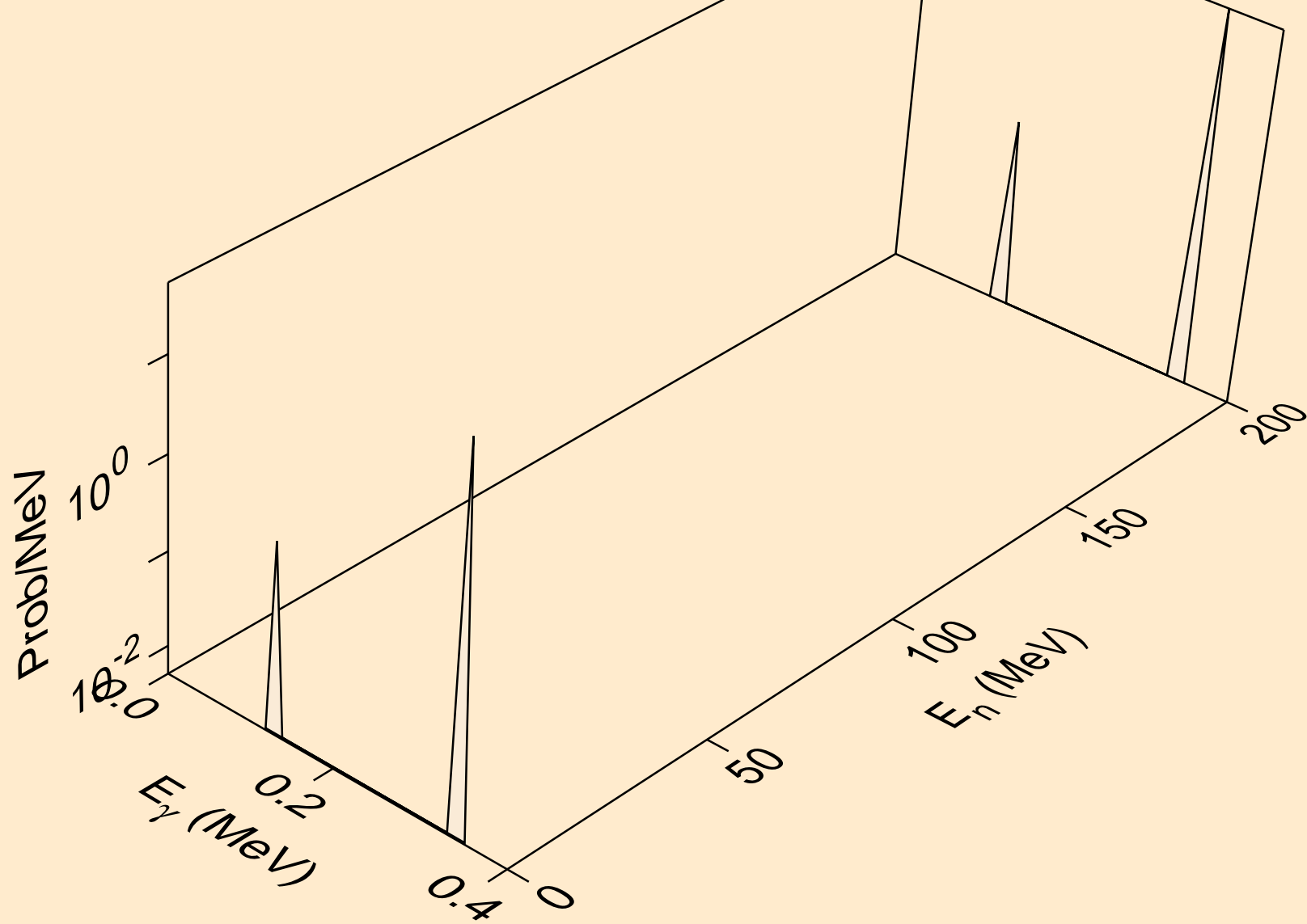
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Photon emission for (n,n\*7)



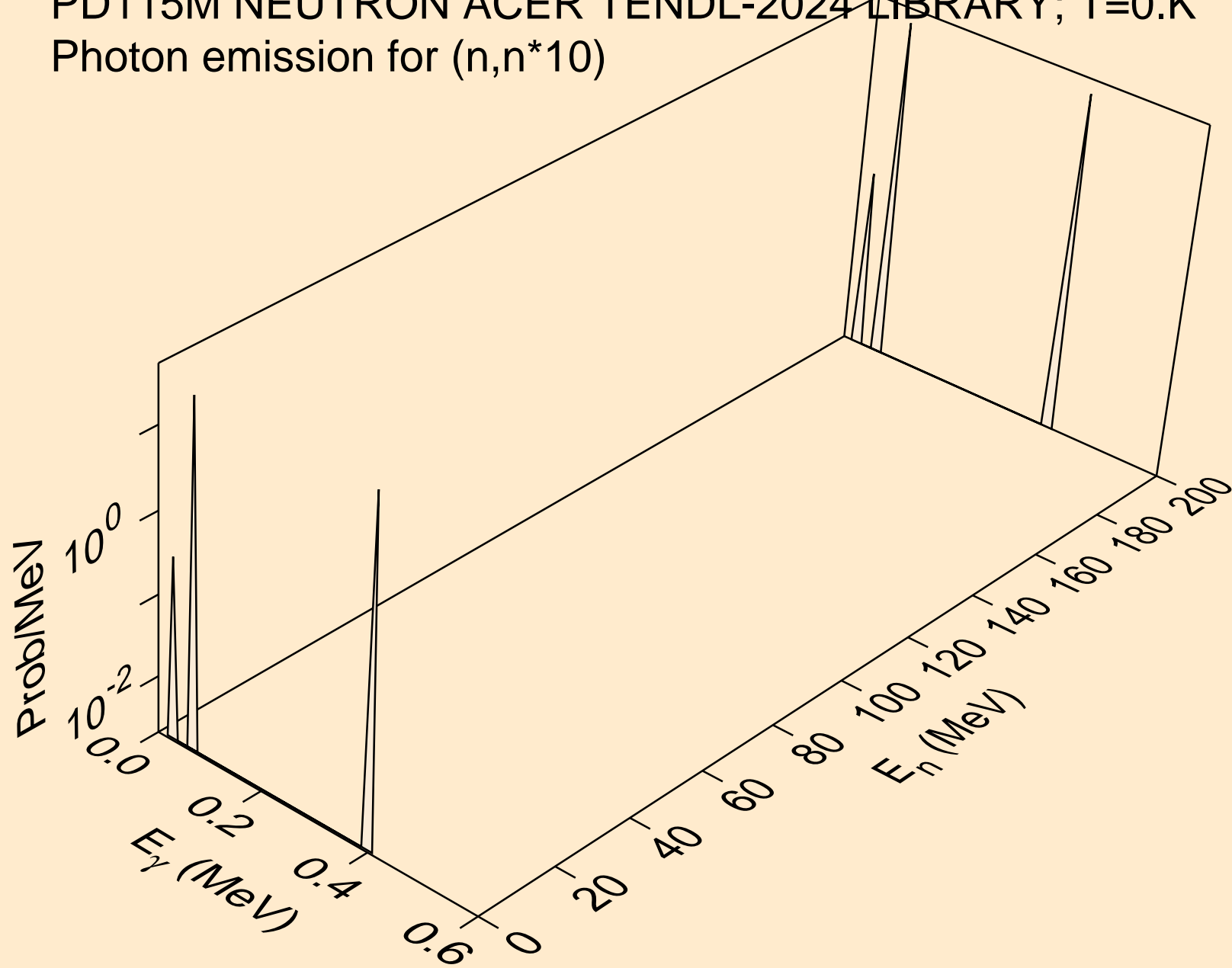
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*8)



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*9)

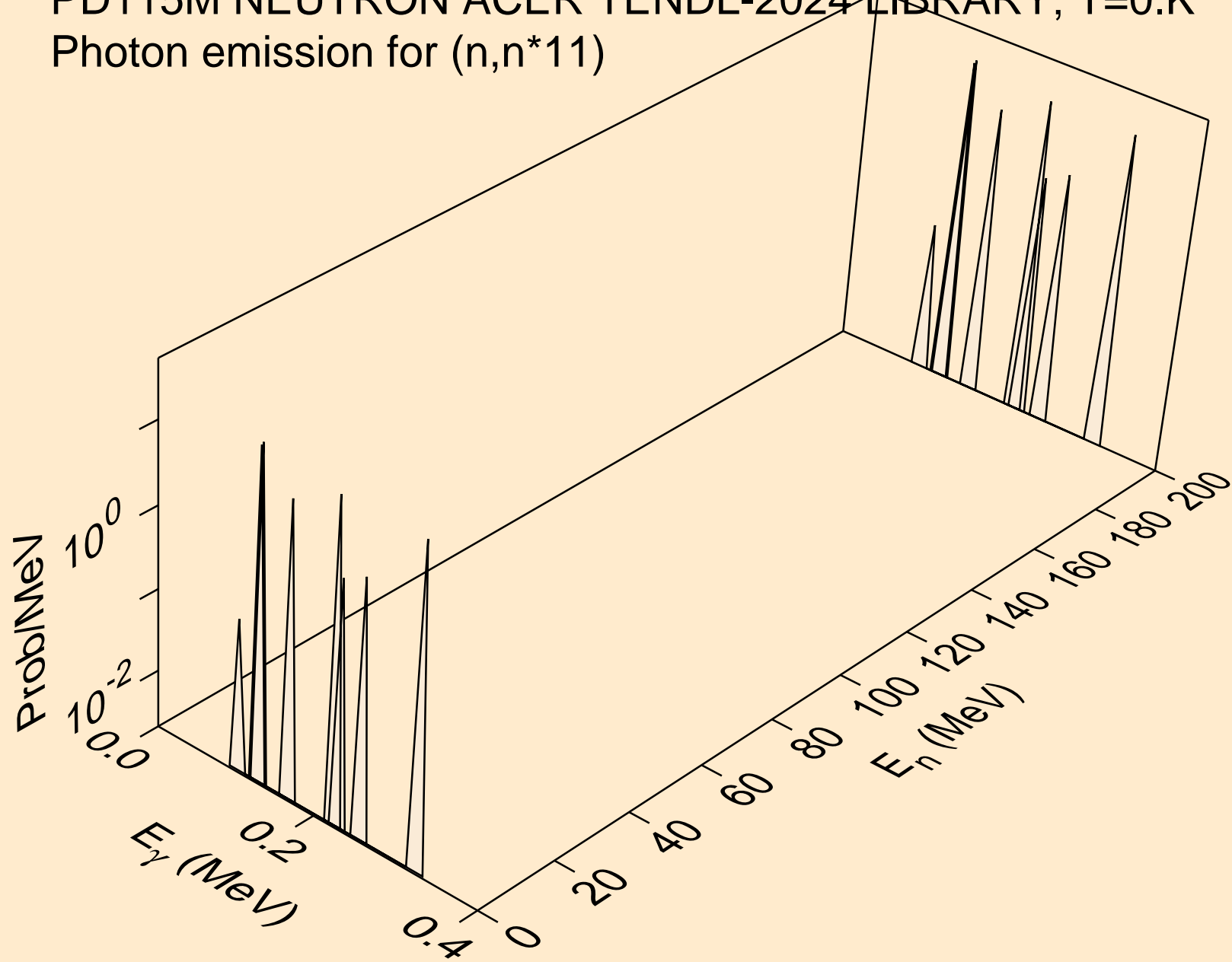


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Photon emission for (n,n\*10)

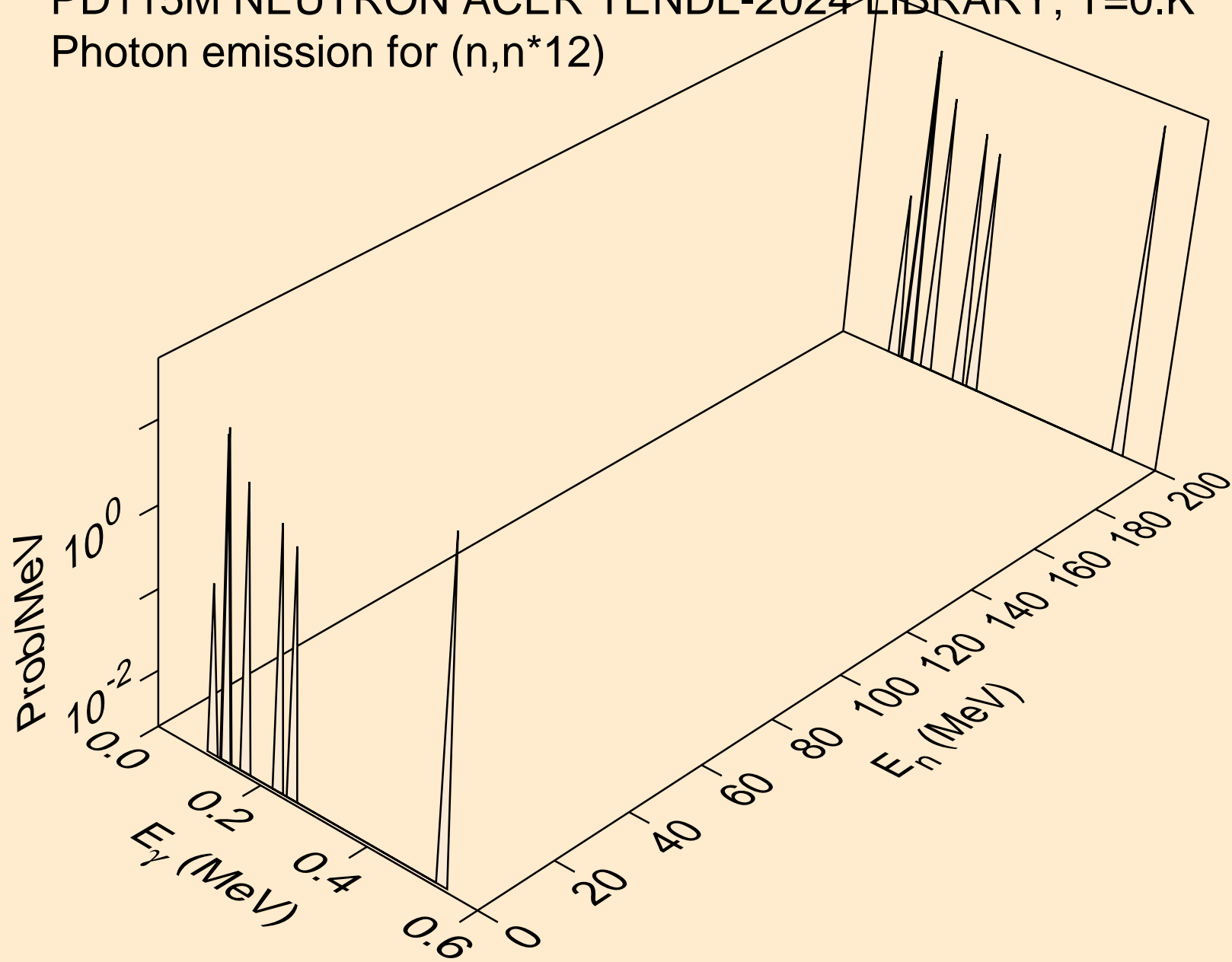




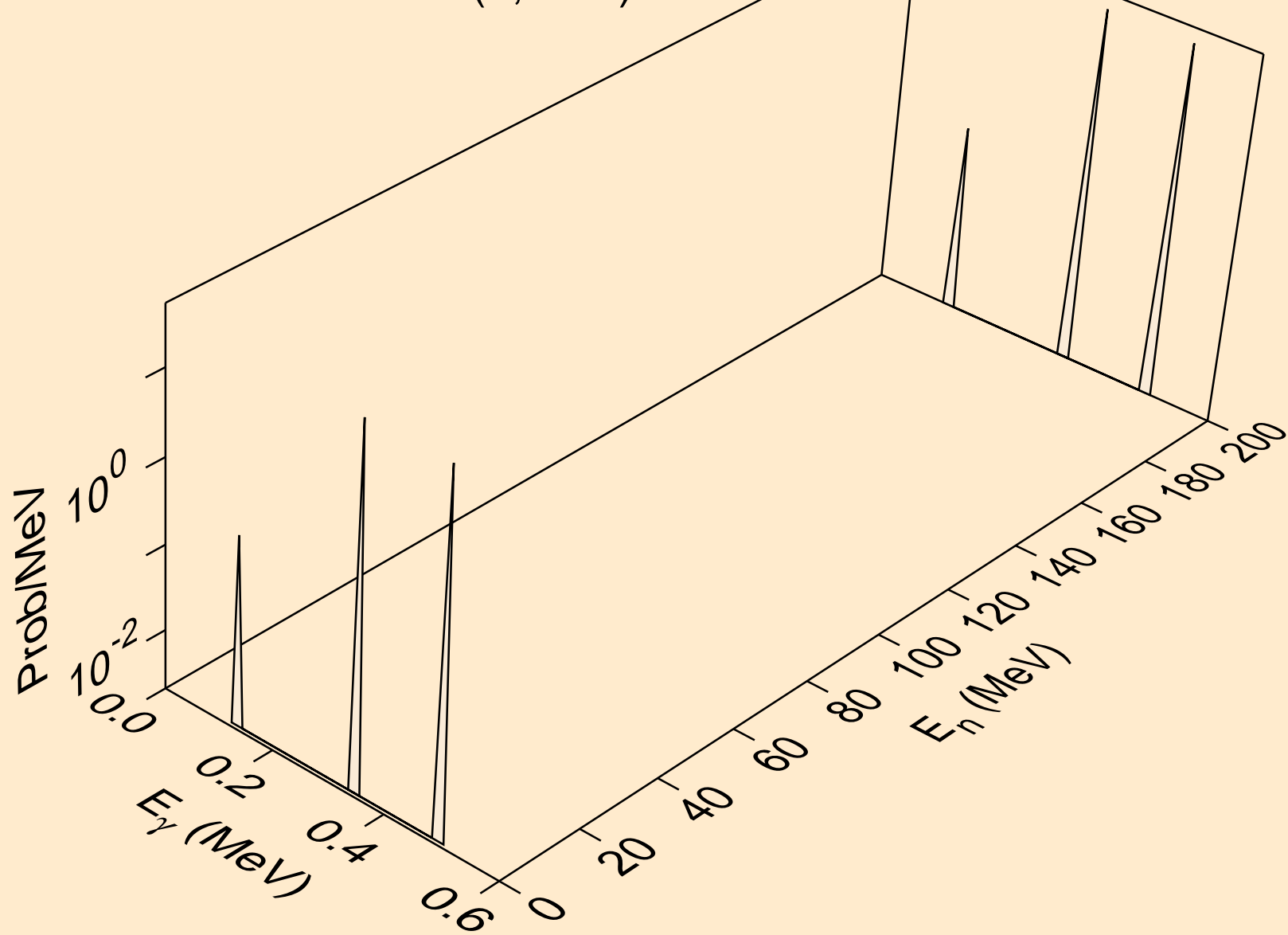
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Photon emission for (n,n\*11)



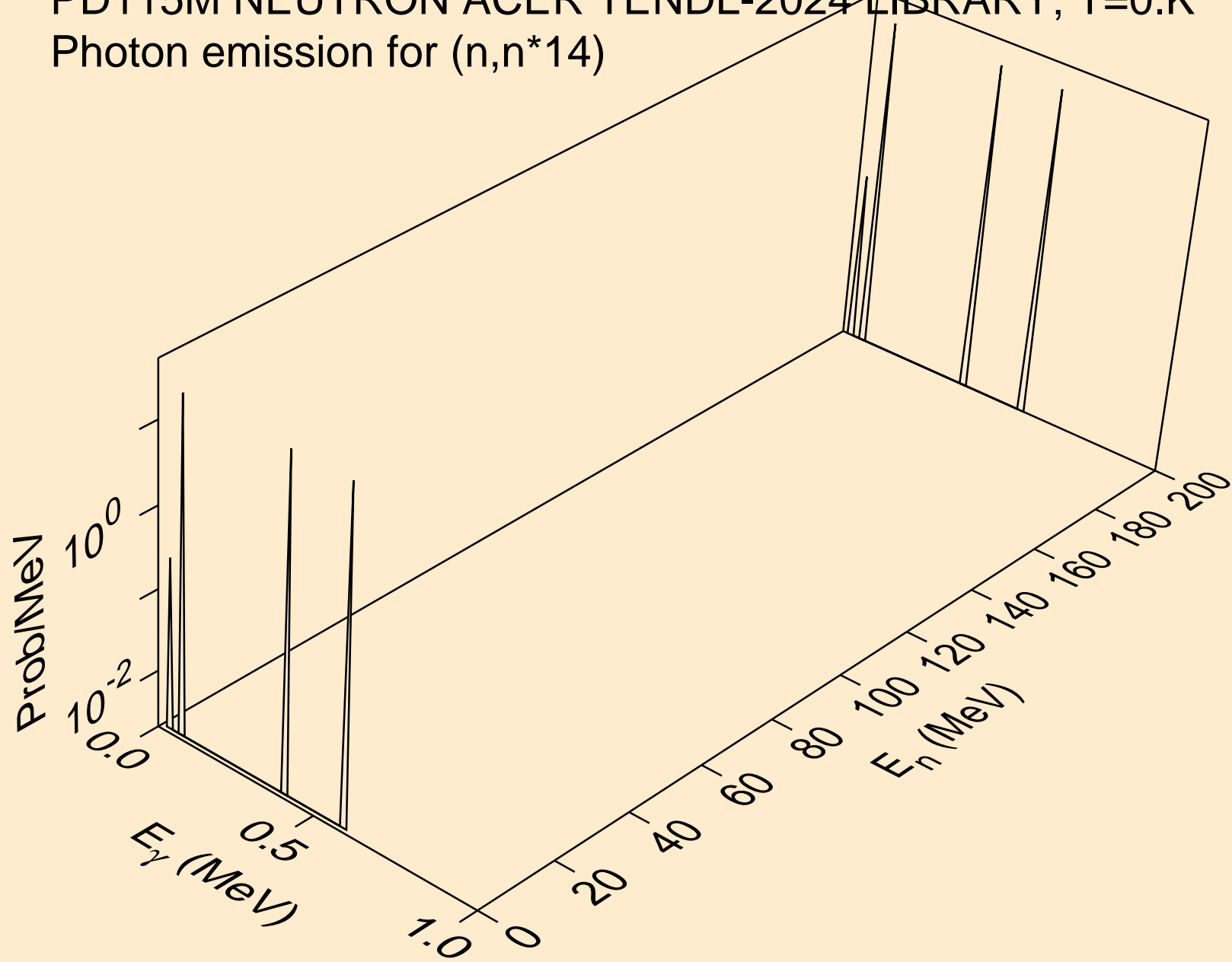
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Photon emission for (n,n\*12)



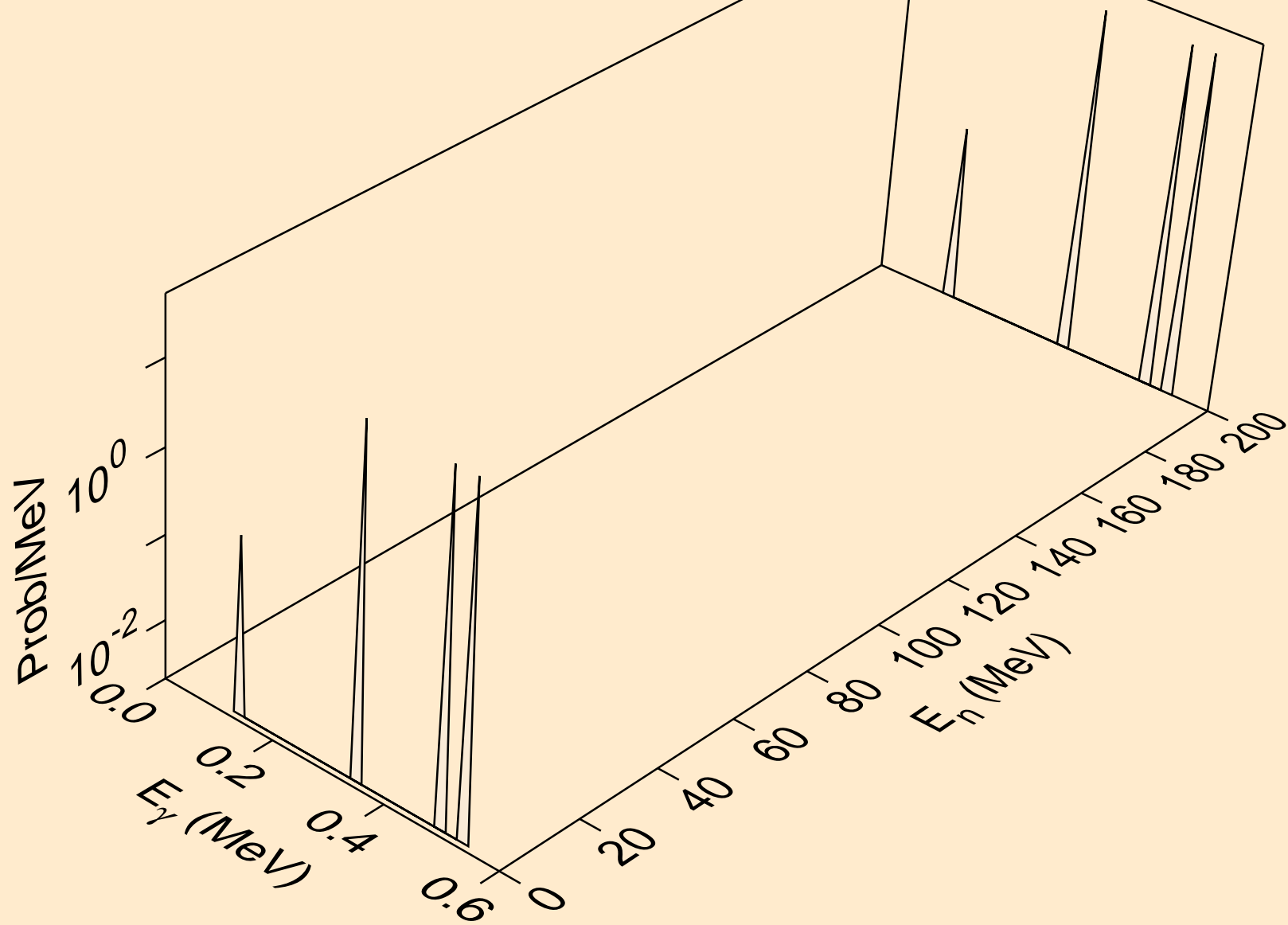
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Photon emission for (n,n\*13)



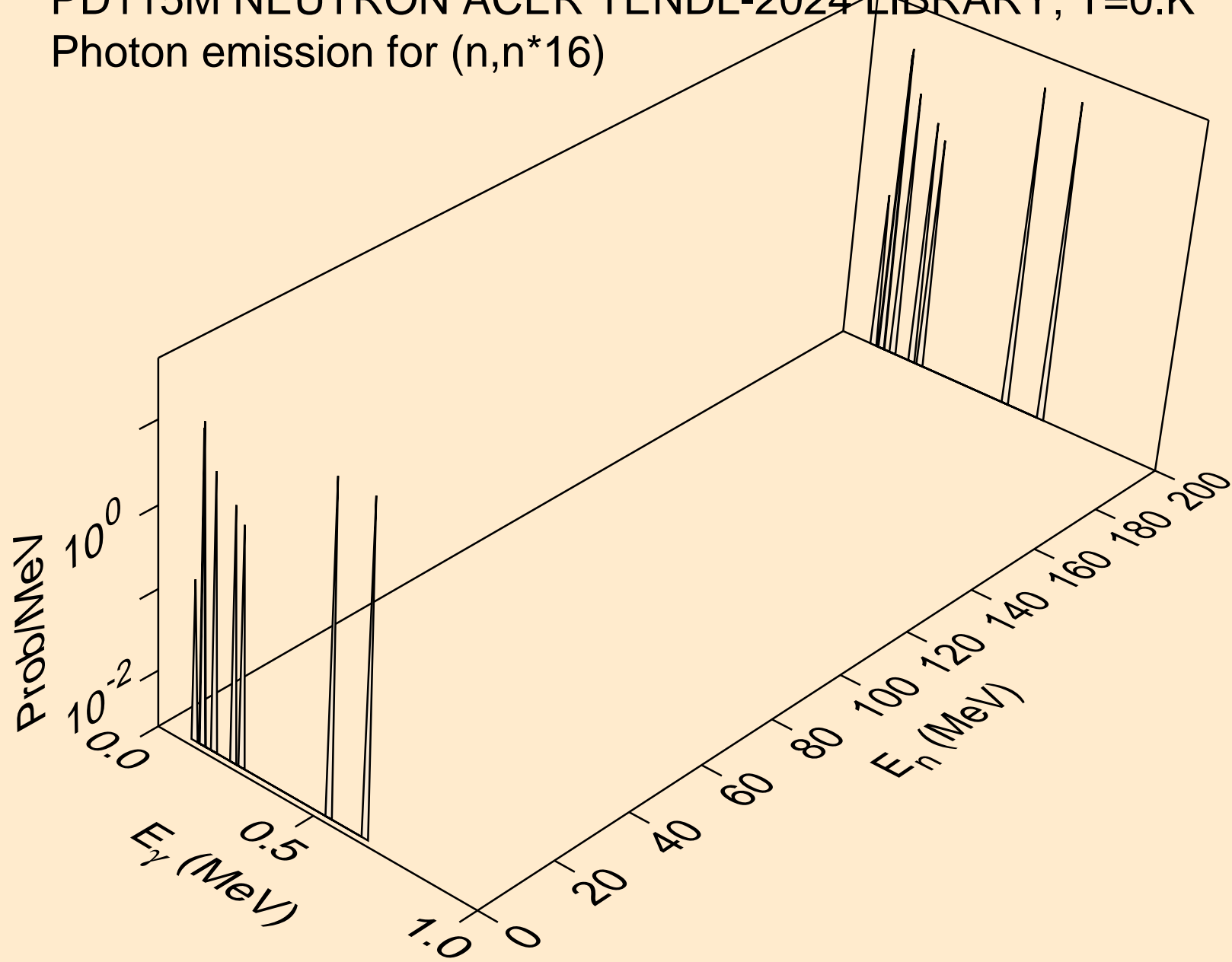
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Photon emission for (n,n\*14)



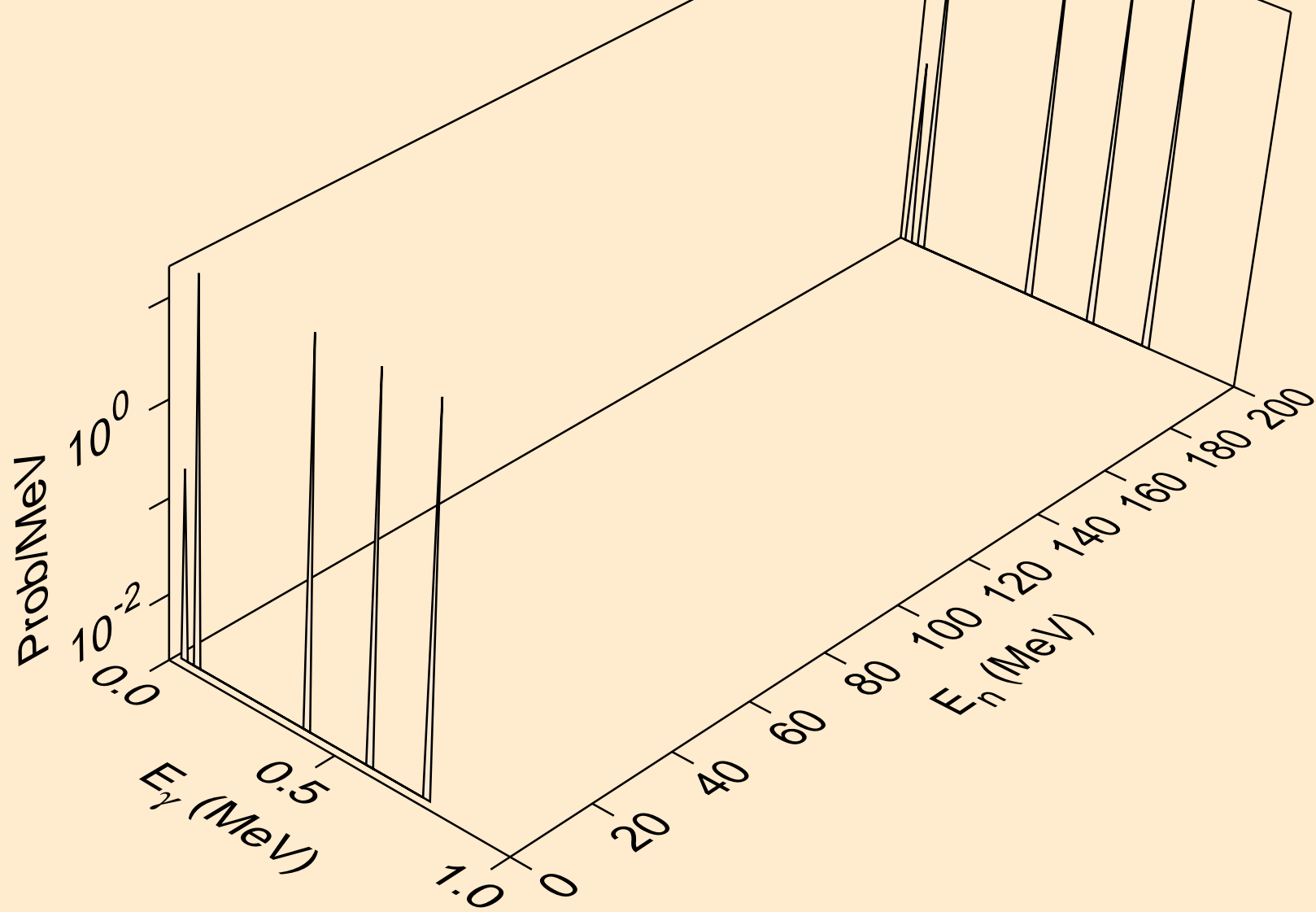
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Photon emission for (n,n\*15)



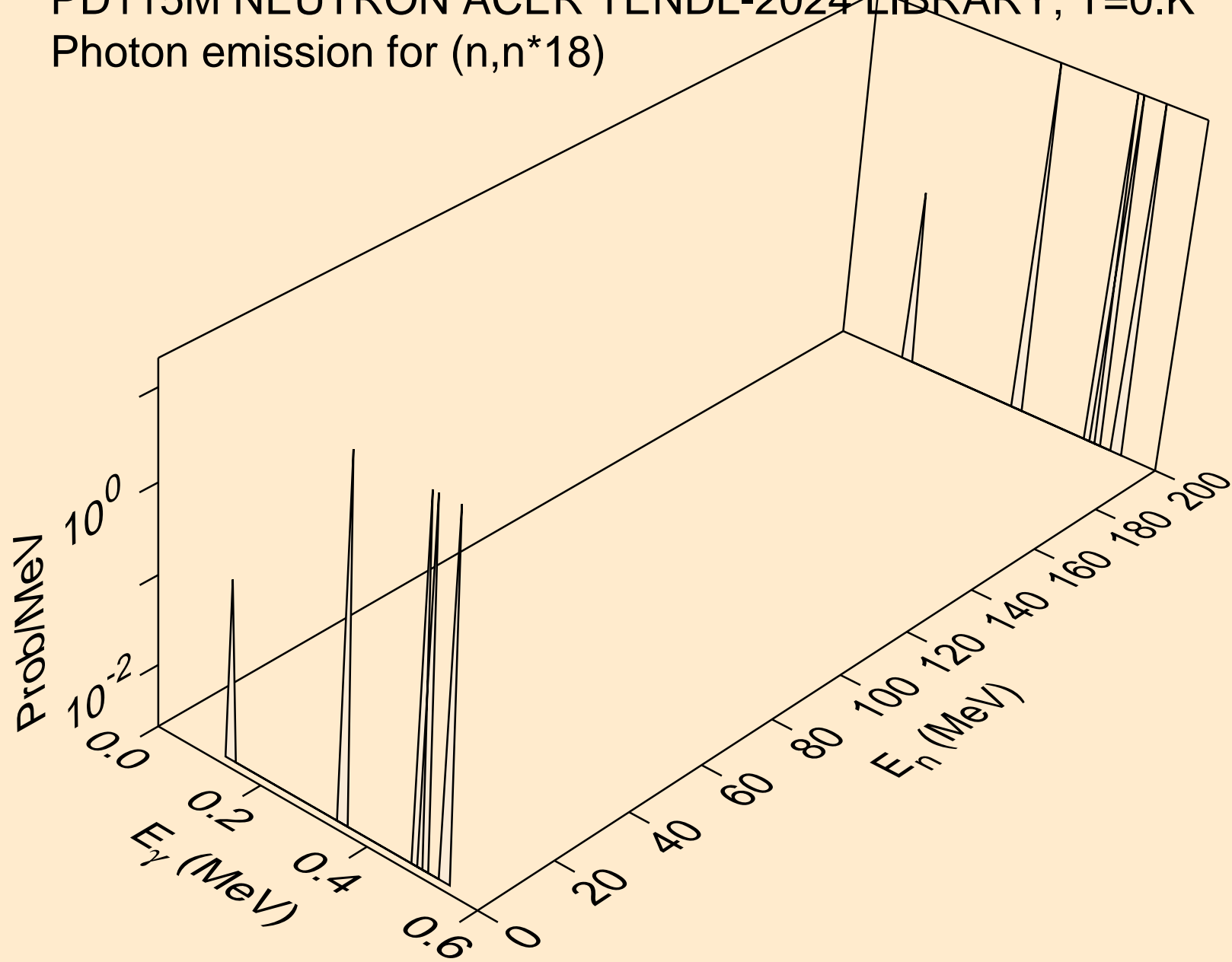
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*16)



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*17)

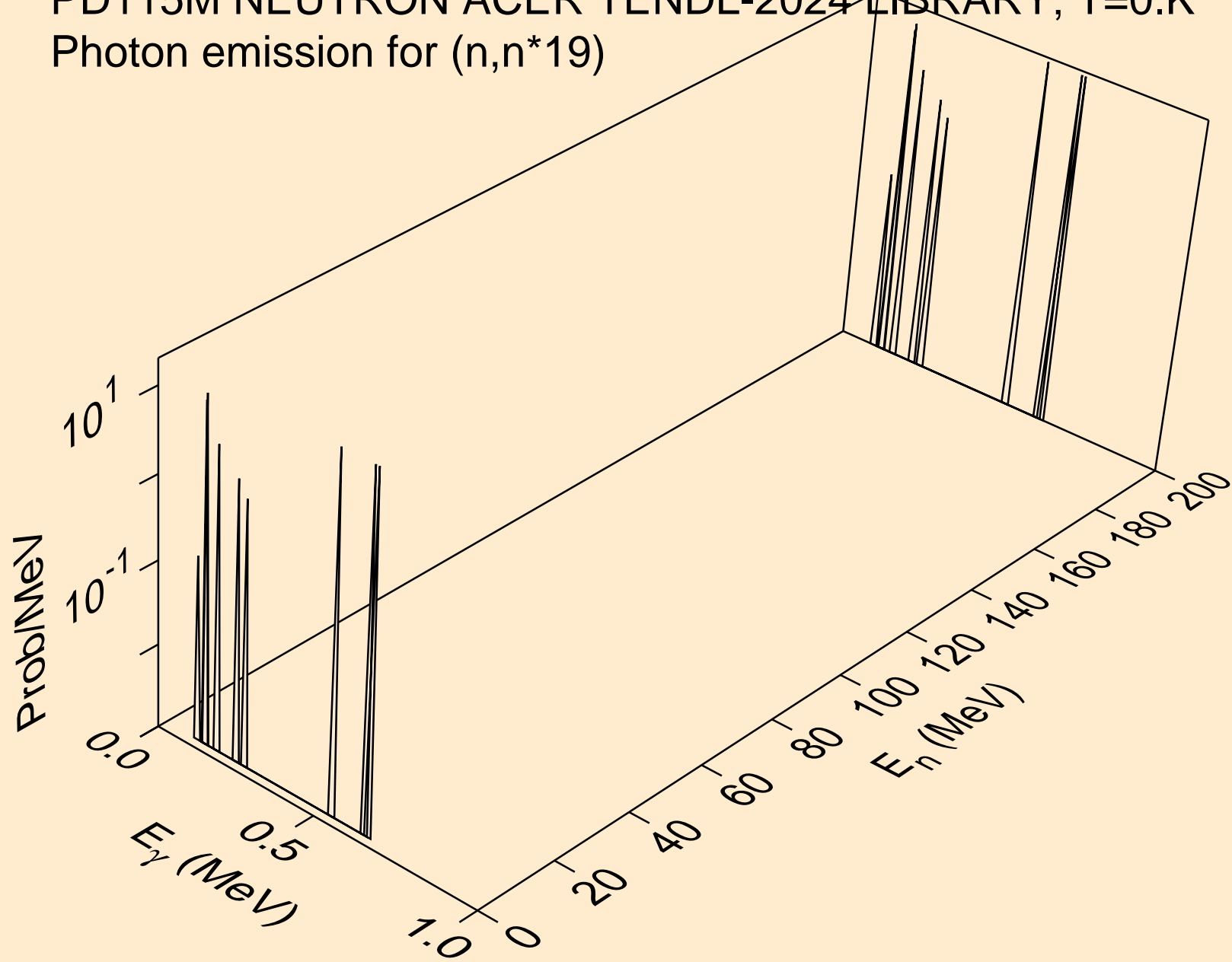


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Photon emission for (n,n\*18)

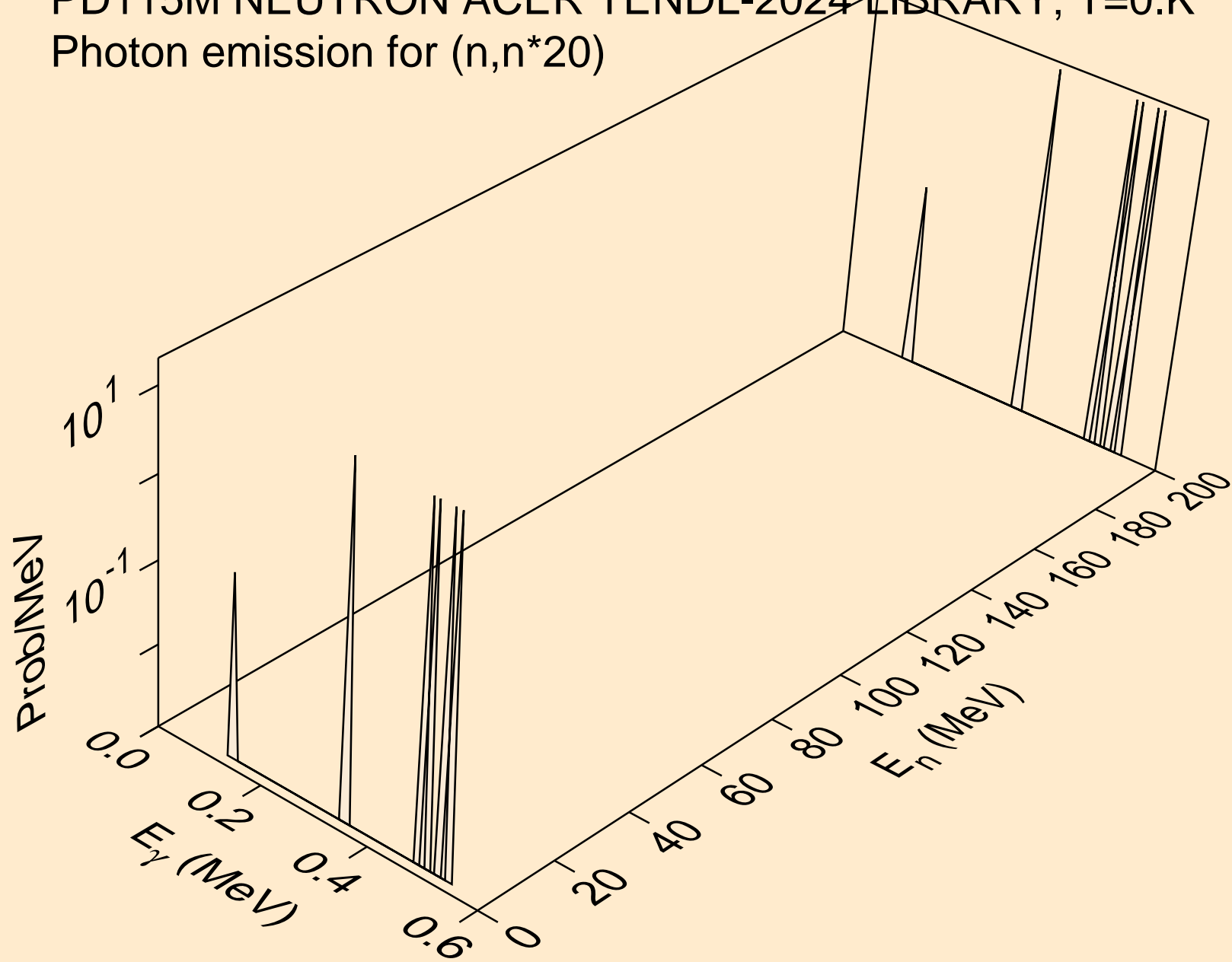




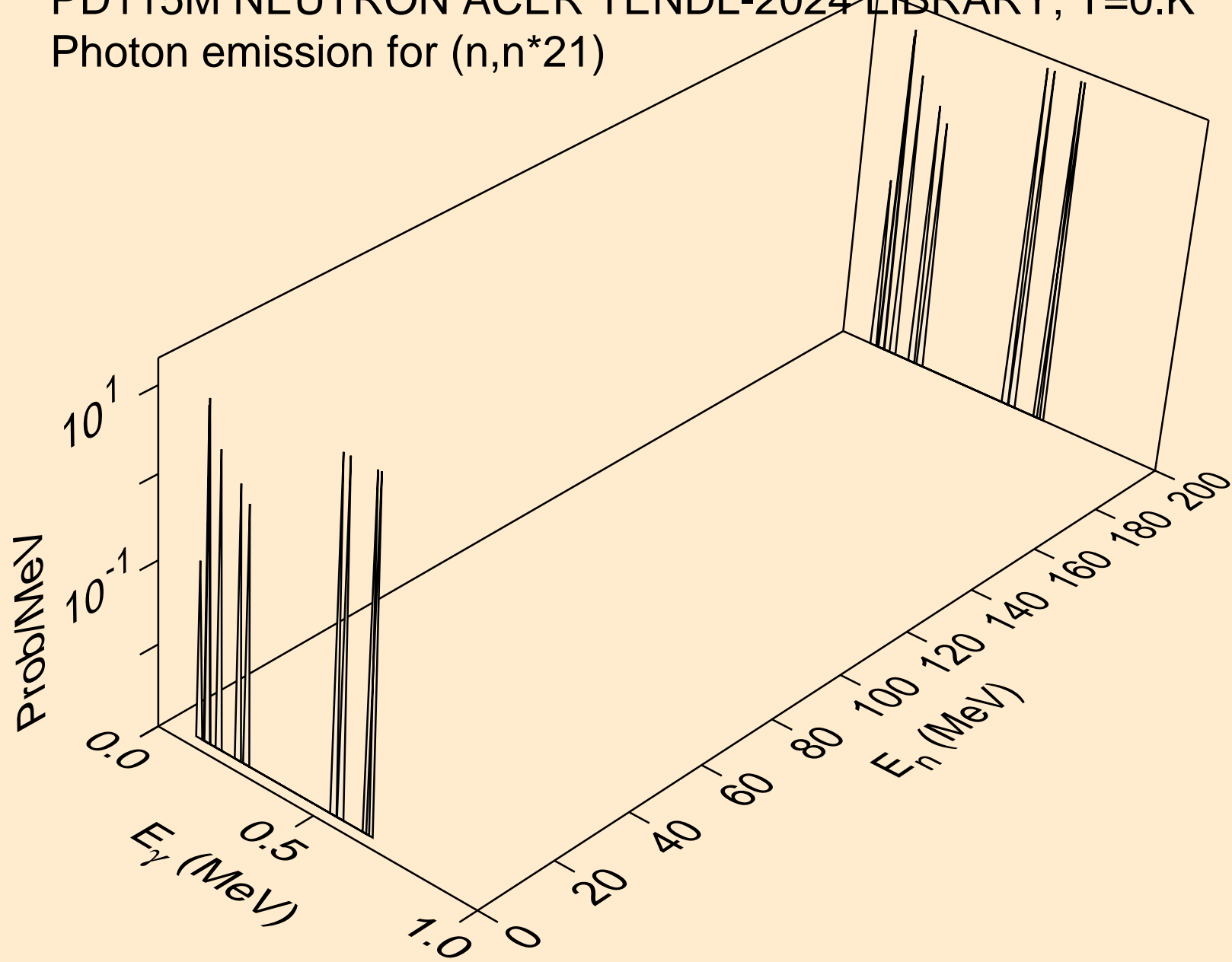
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Photon emission for (n,n\*19)



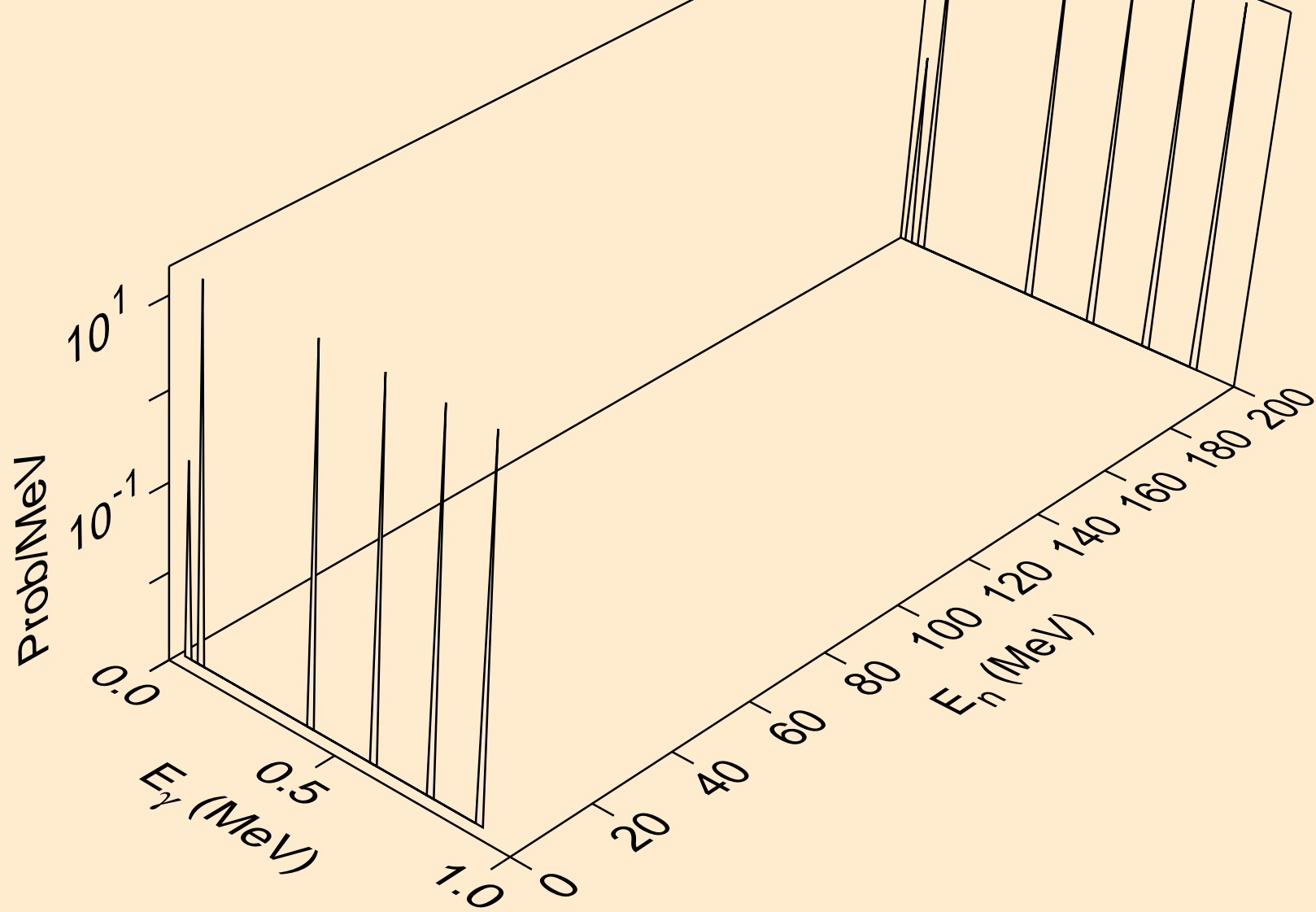
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Photon emission for (n,n\*20)



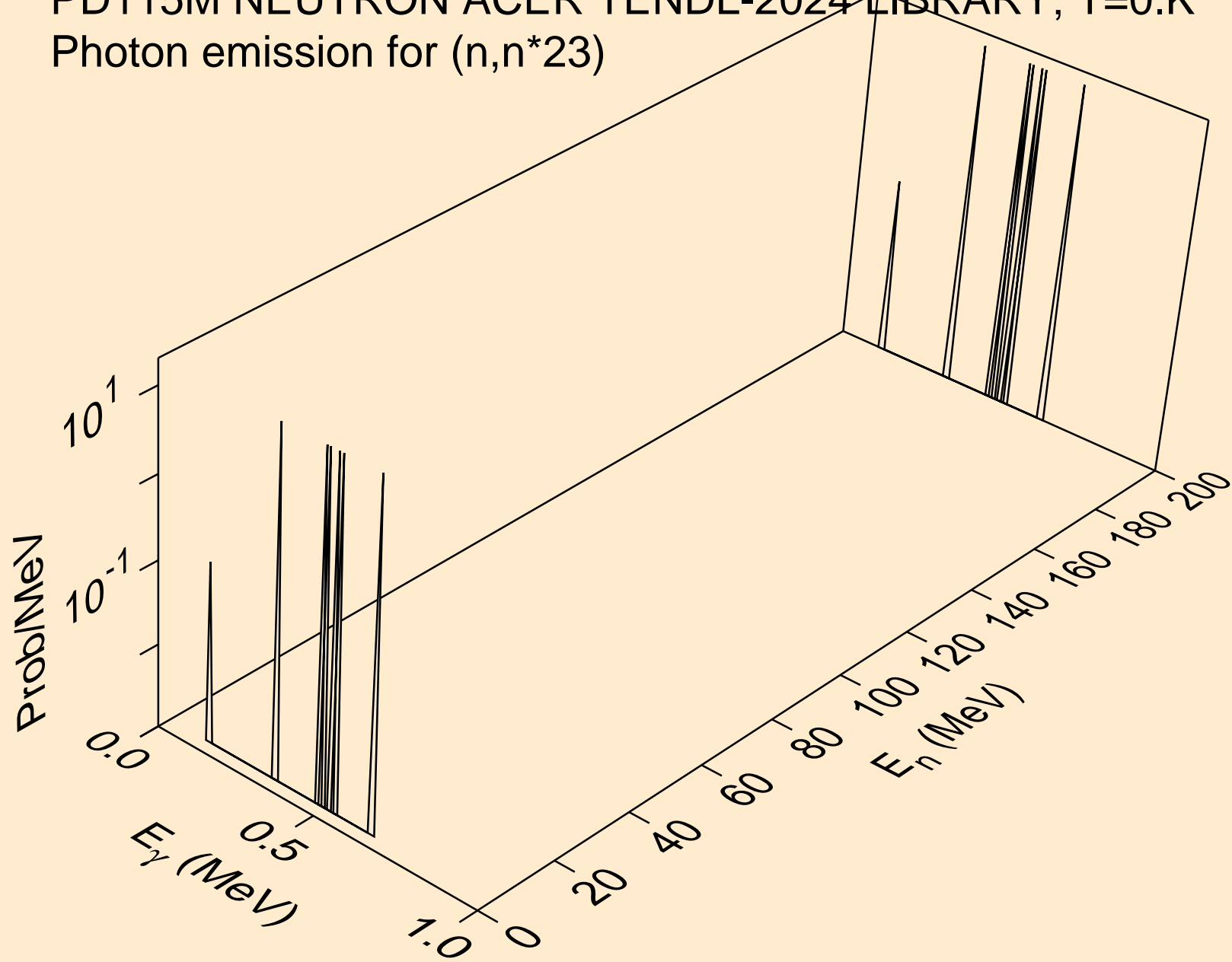
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Photon emission for (n,n\*21)



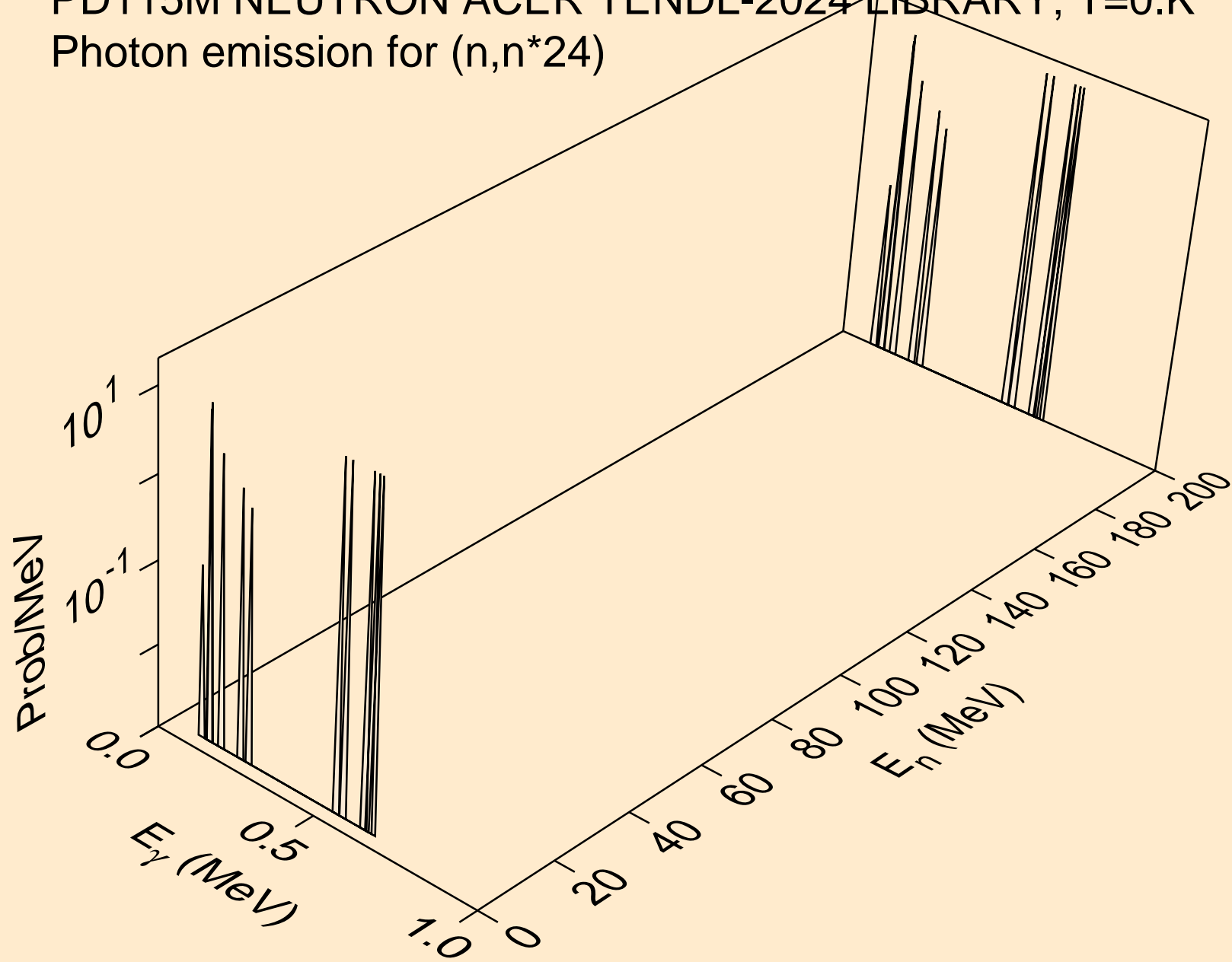
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Photon emission for (n,n\*22)



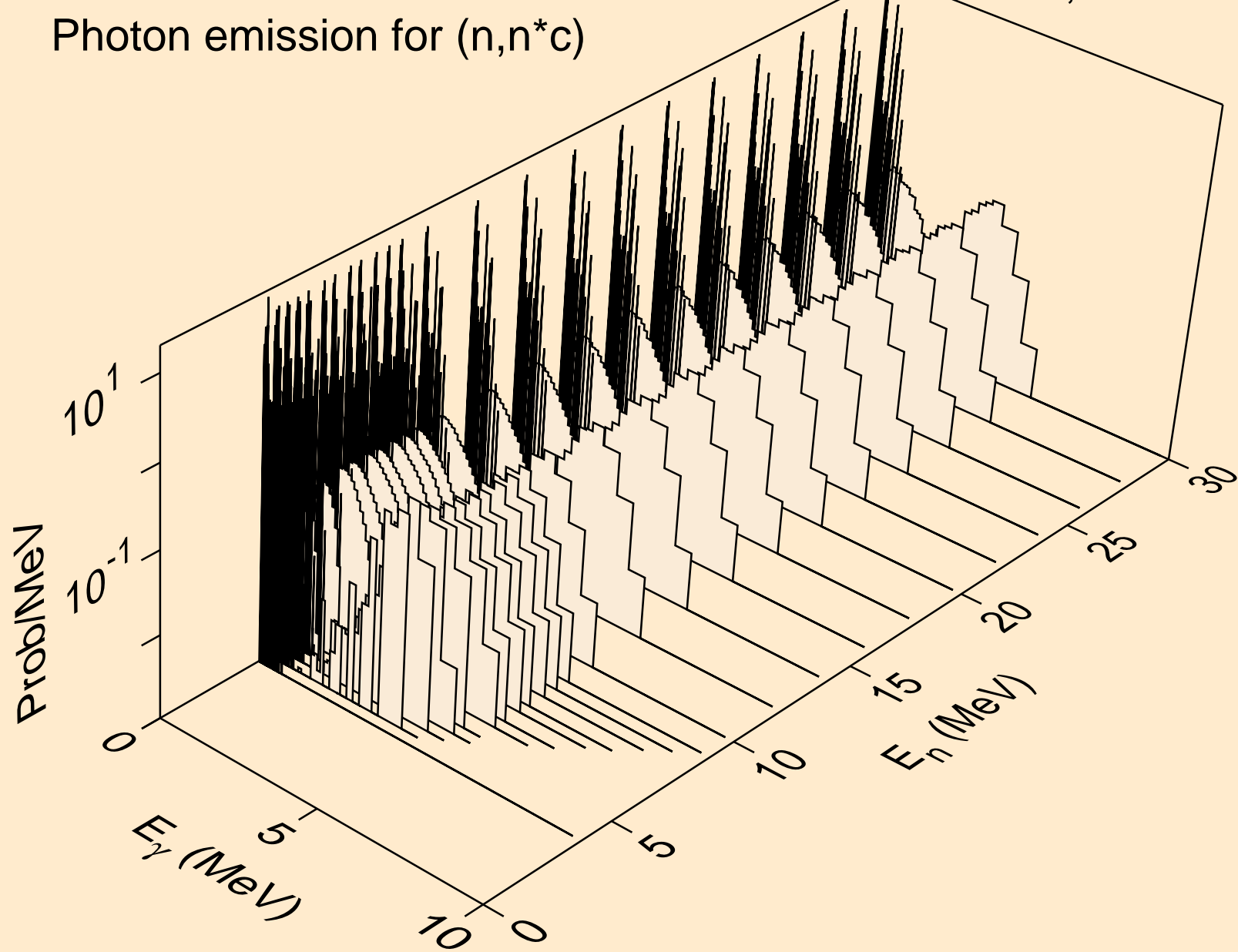
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Photon emission for (n,n\*23)



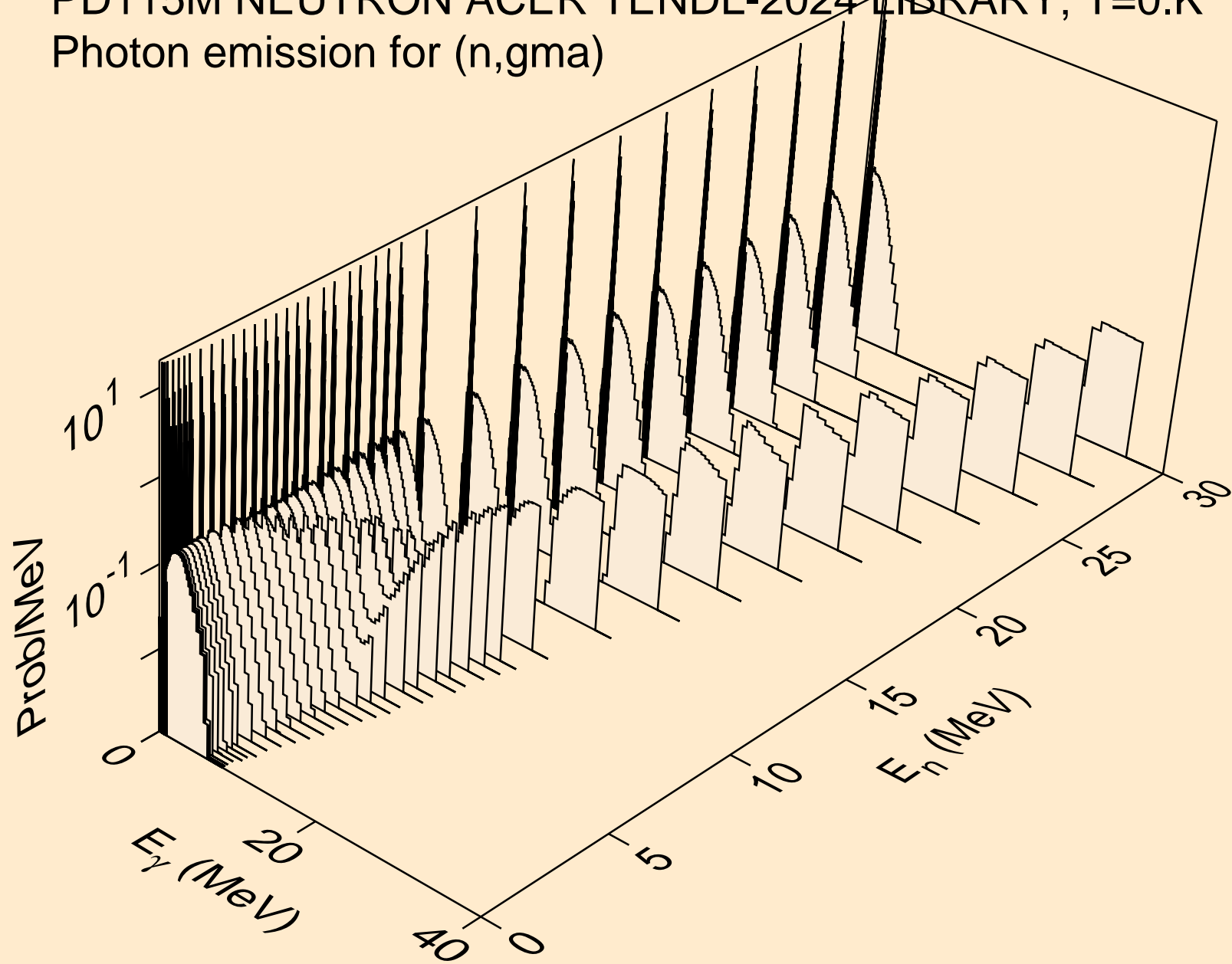
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Photon emission for (n,n\*24)



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

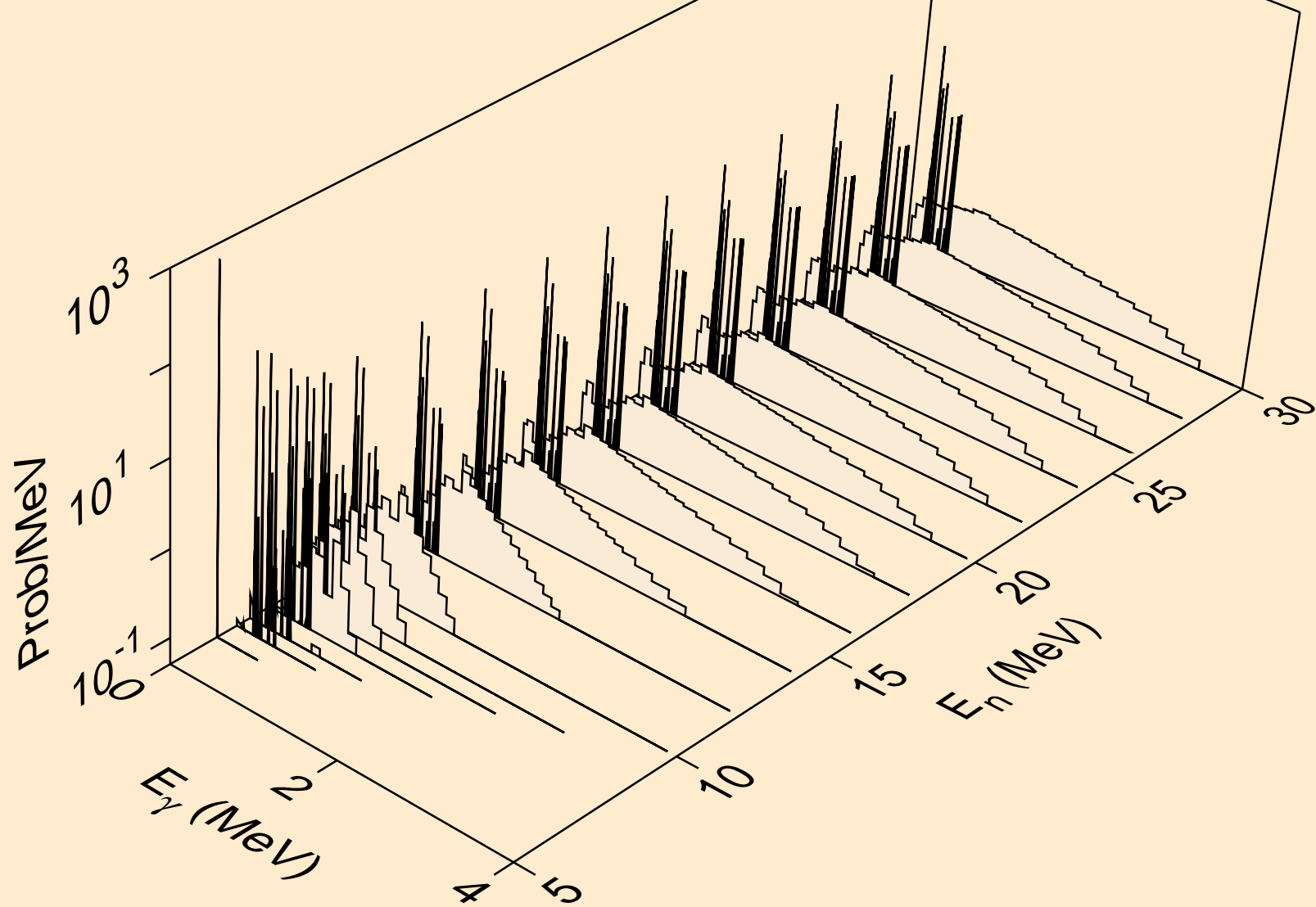


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Photon emission for (n,gma)

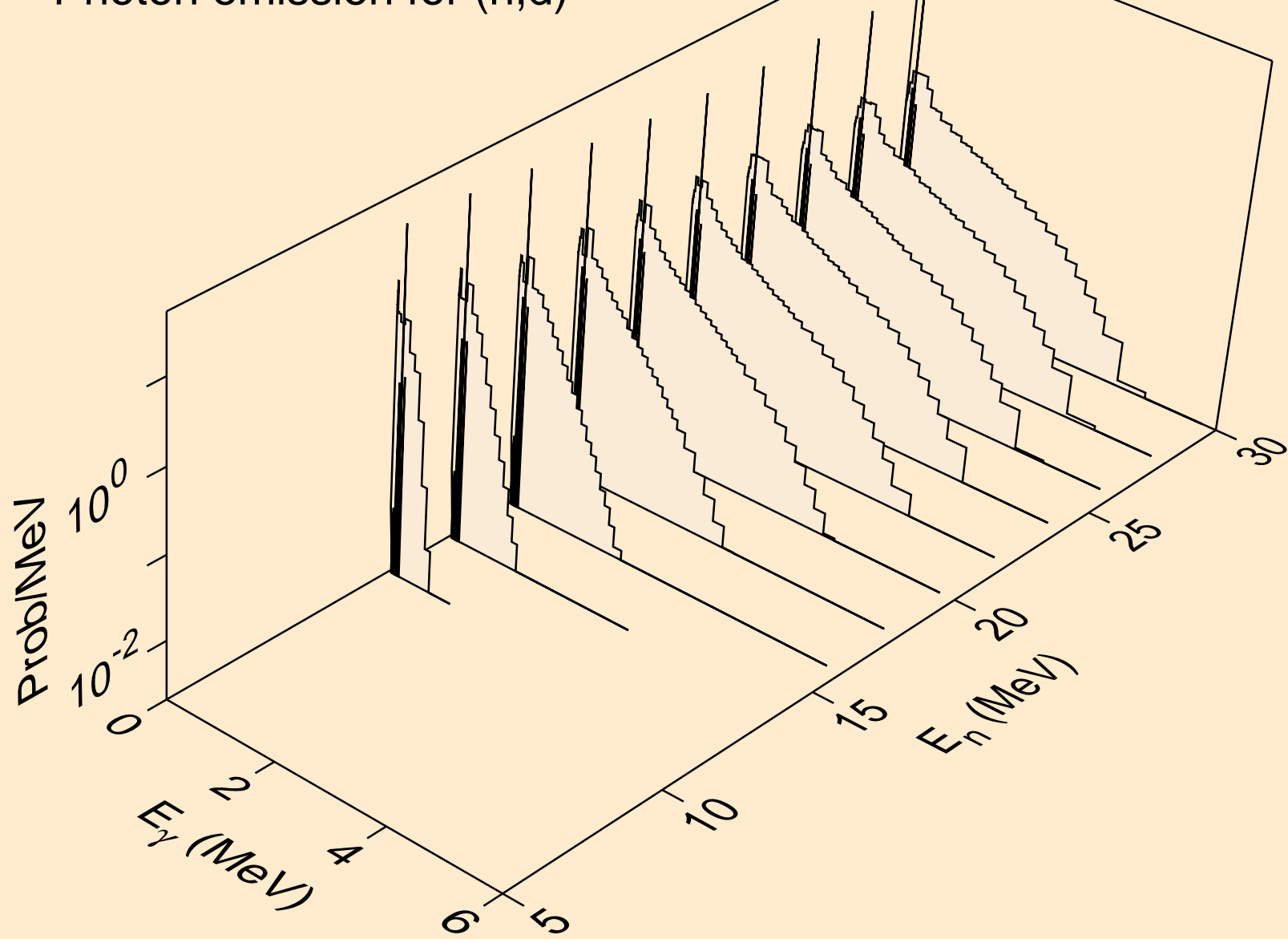




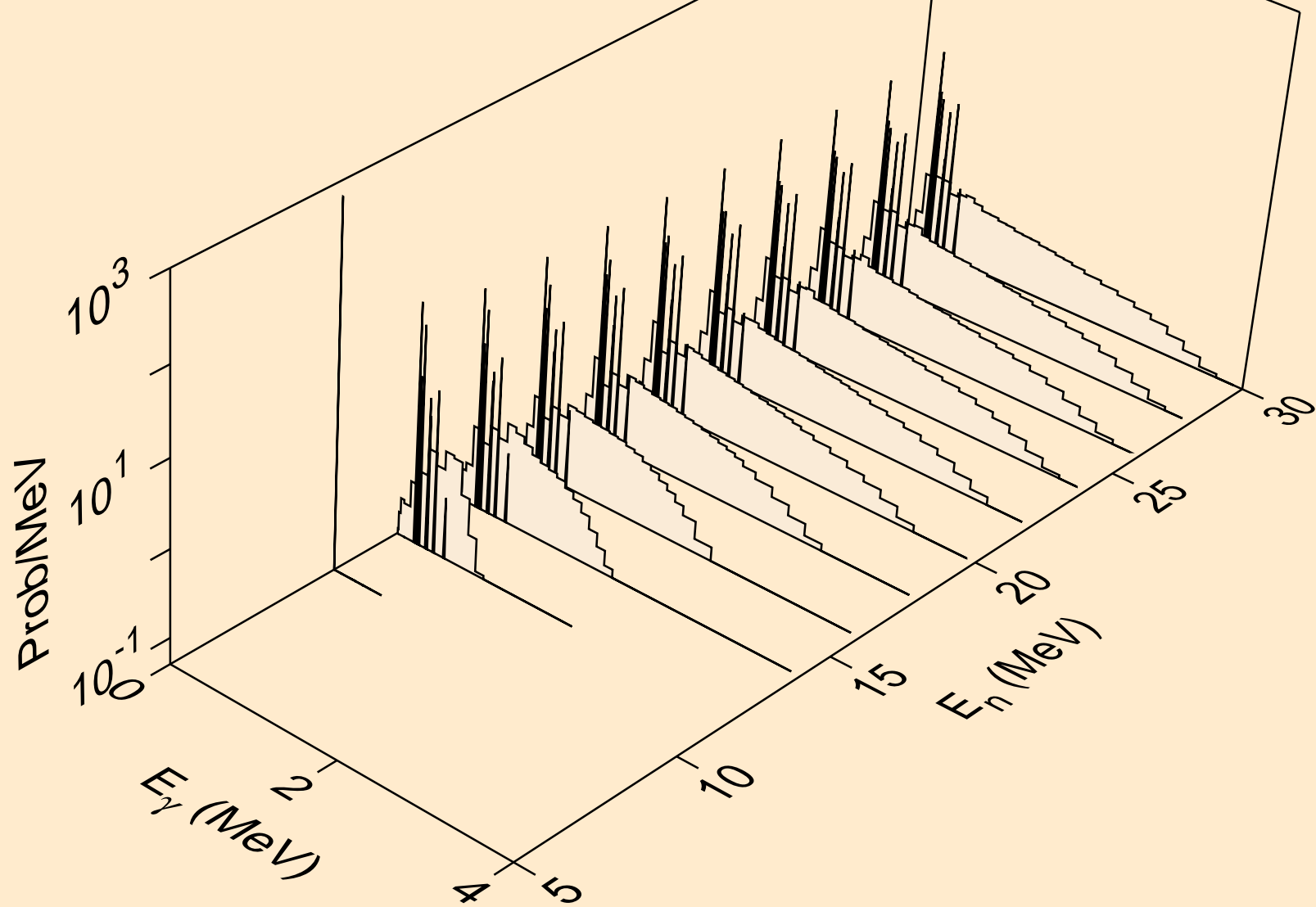
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Photon emission for (n,p)



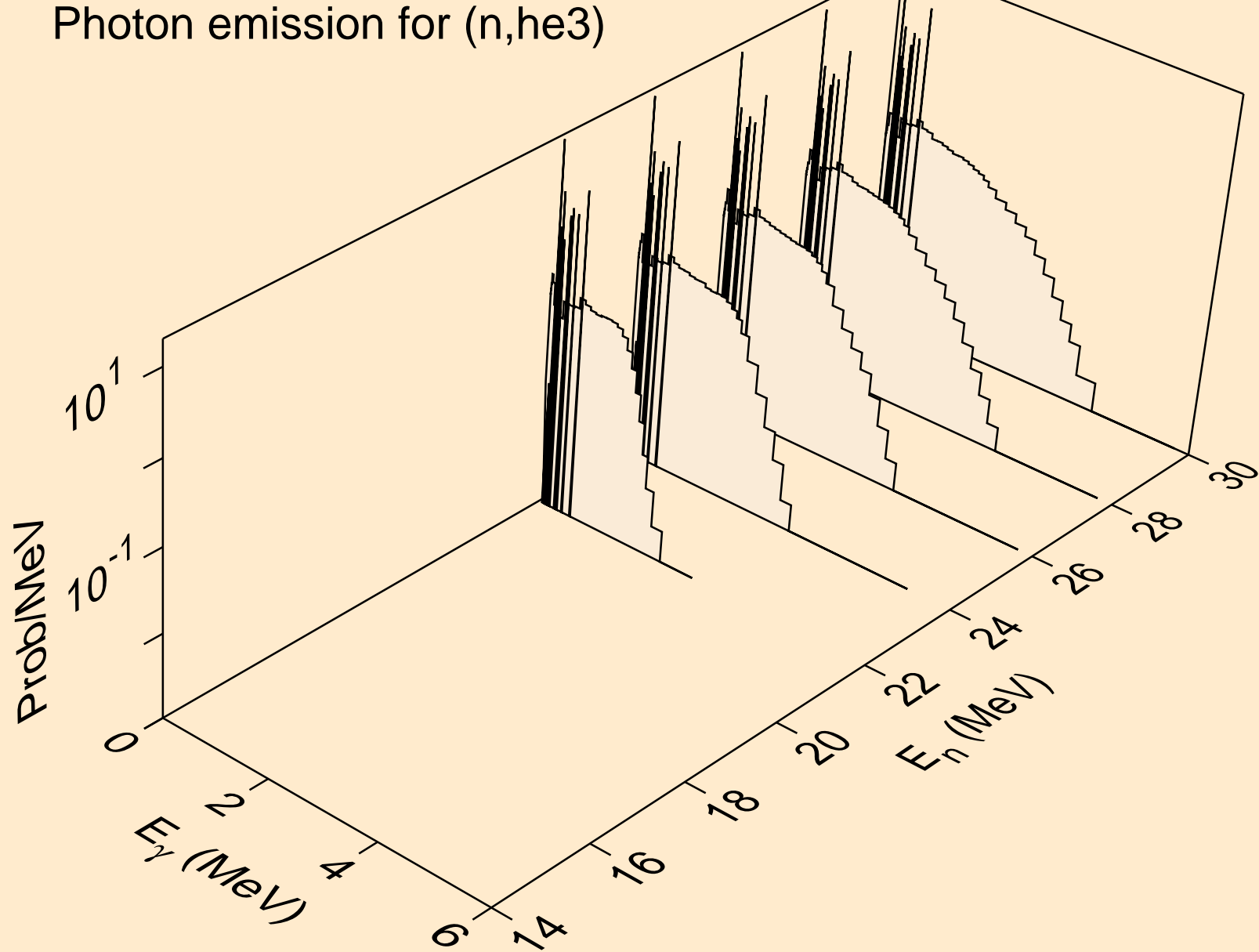
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Photon emission for (n,d)



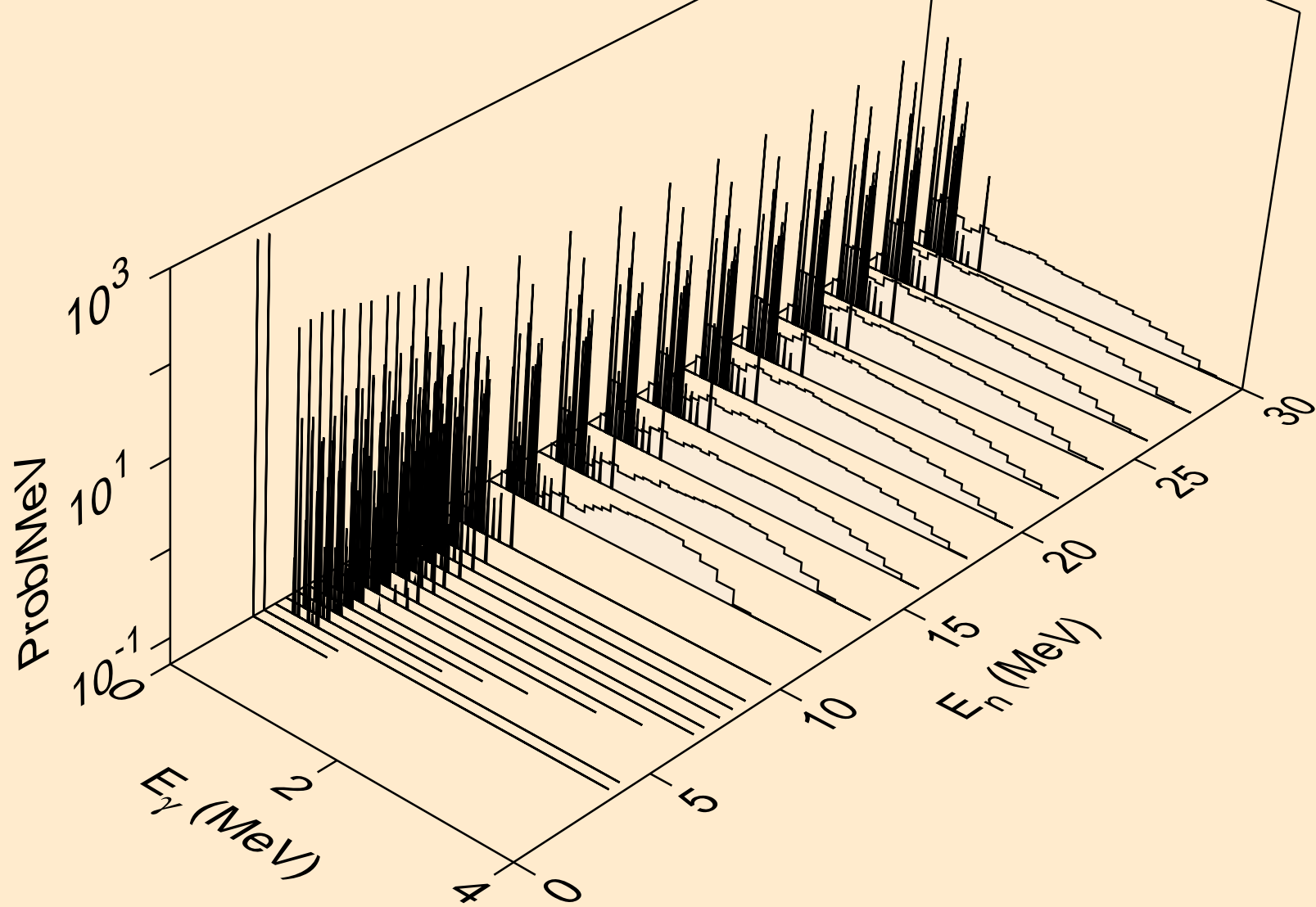
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Photon emission for (n,t)



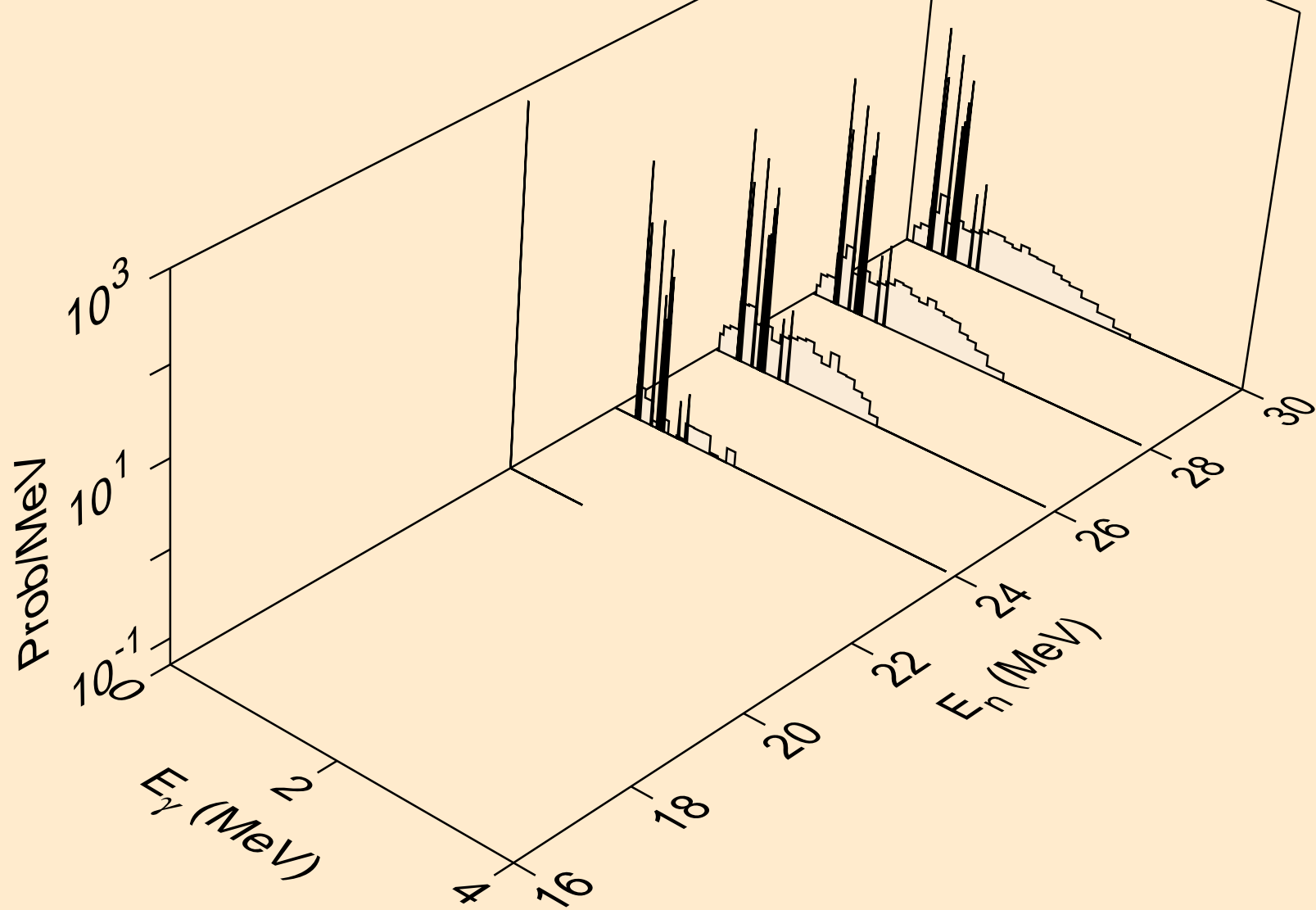
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Photon emission for (n,he3)



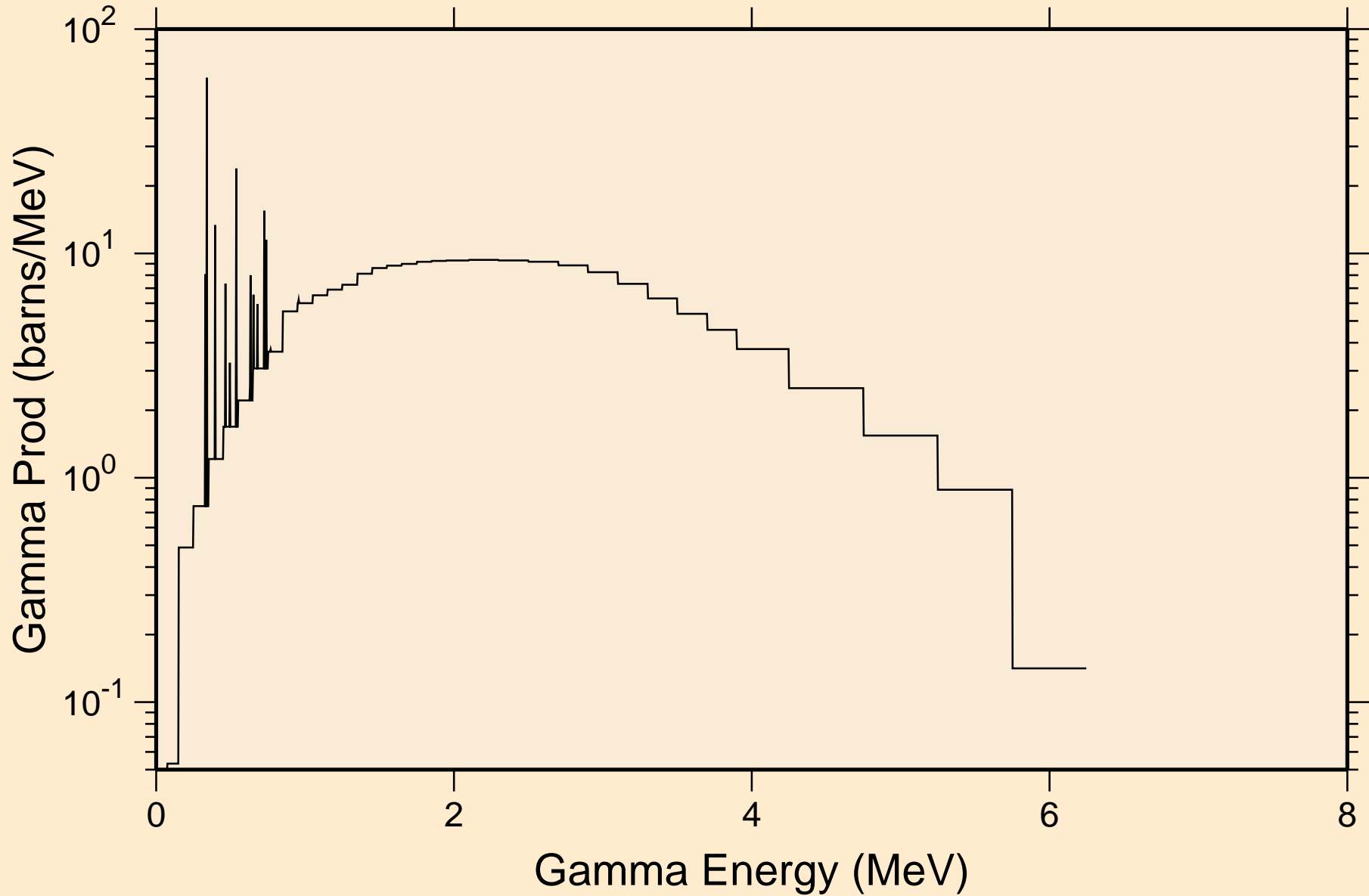
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Photon emission for (n,a)



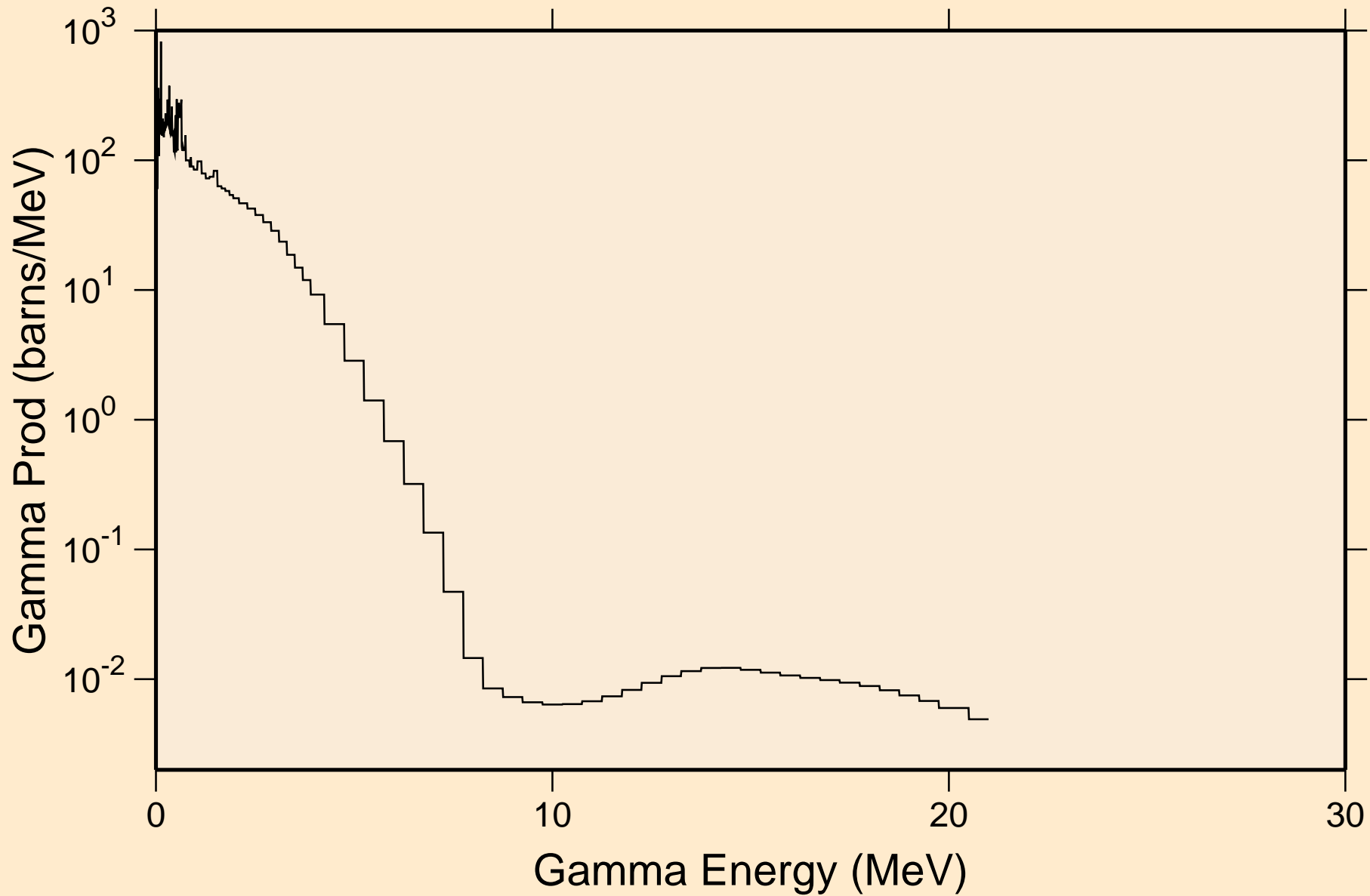
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

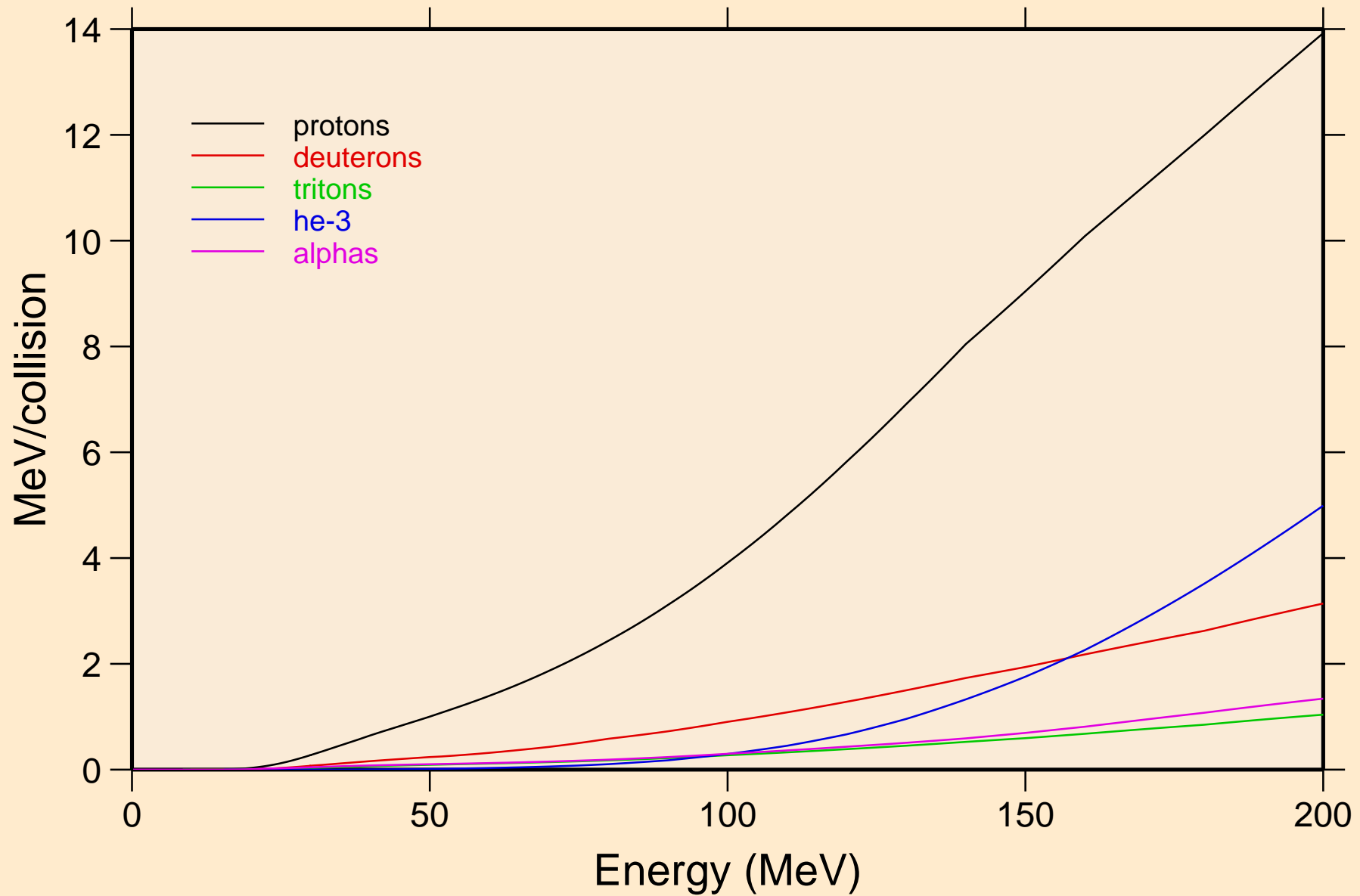


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14 MeV photon spectrum

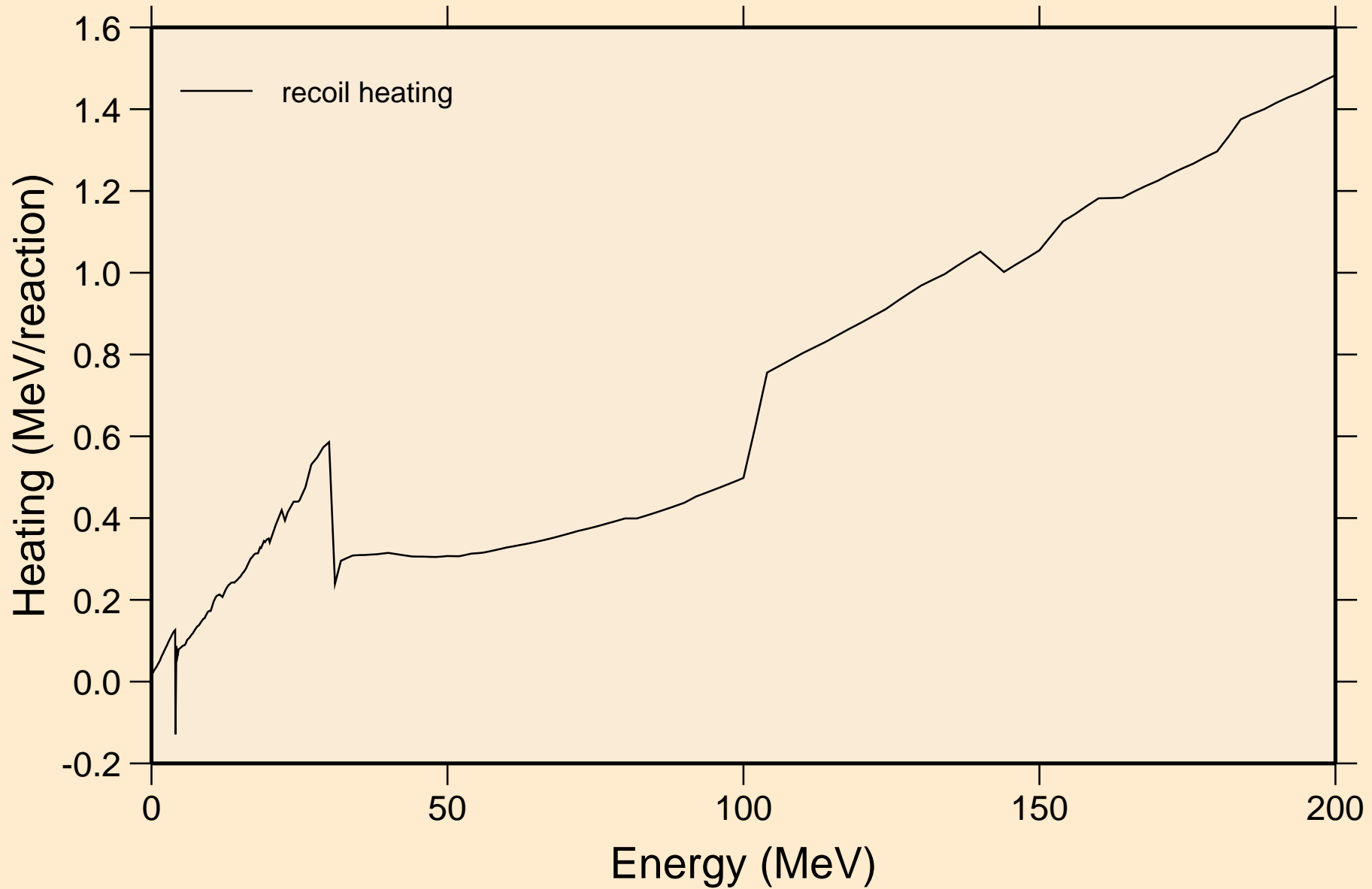




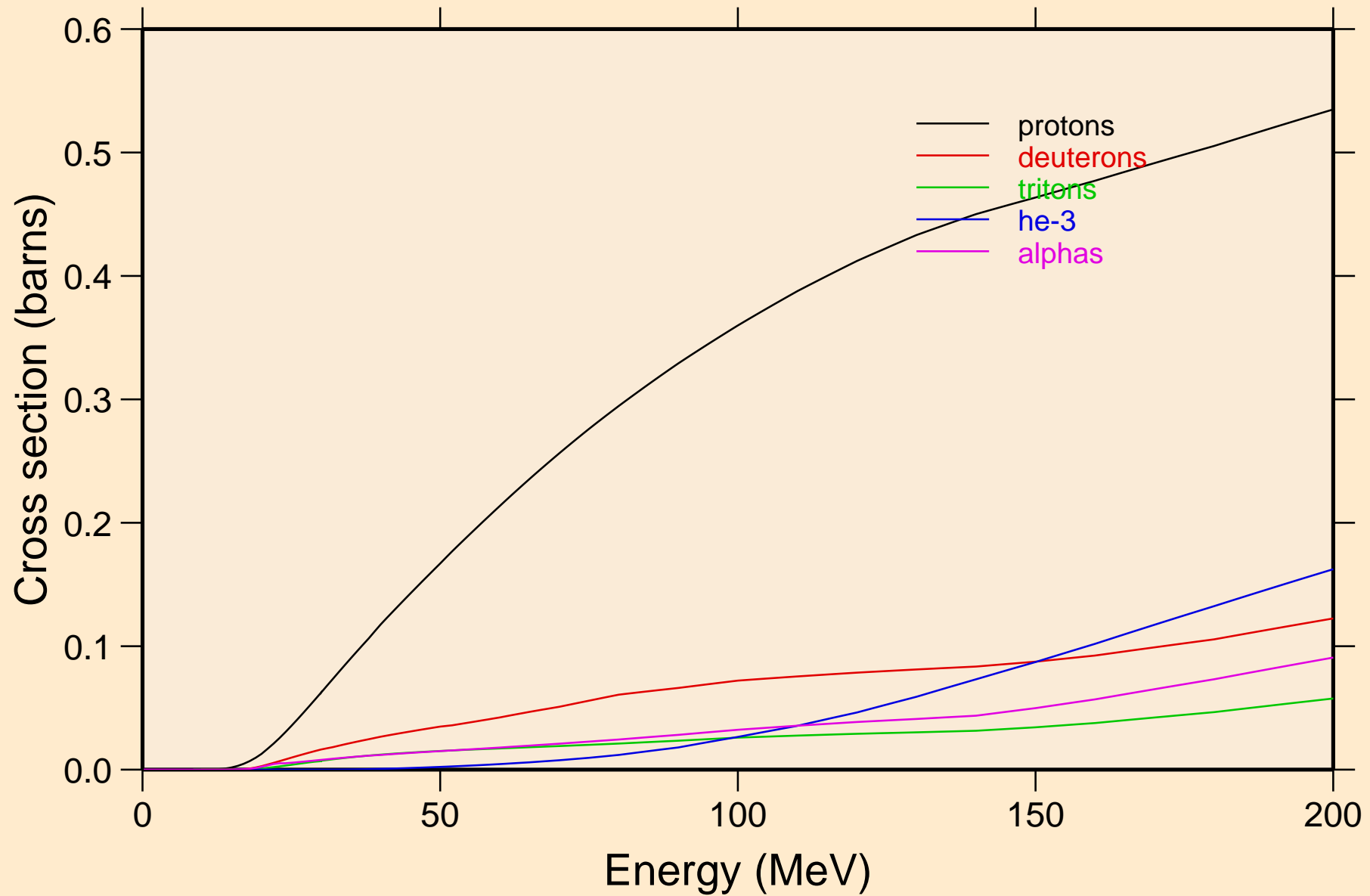
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Particle heating contributions



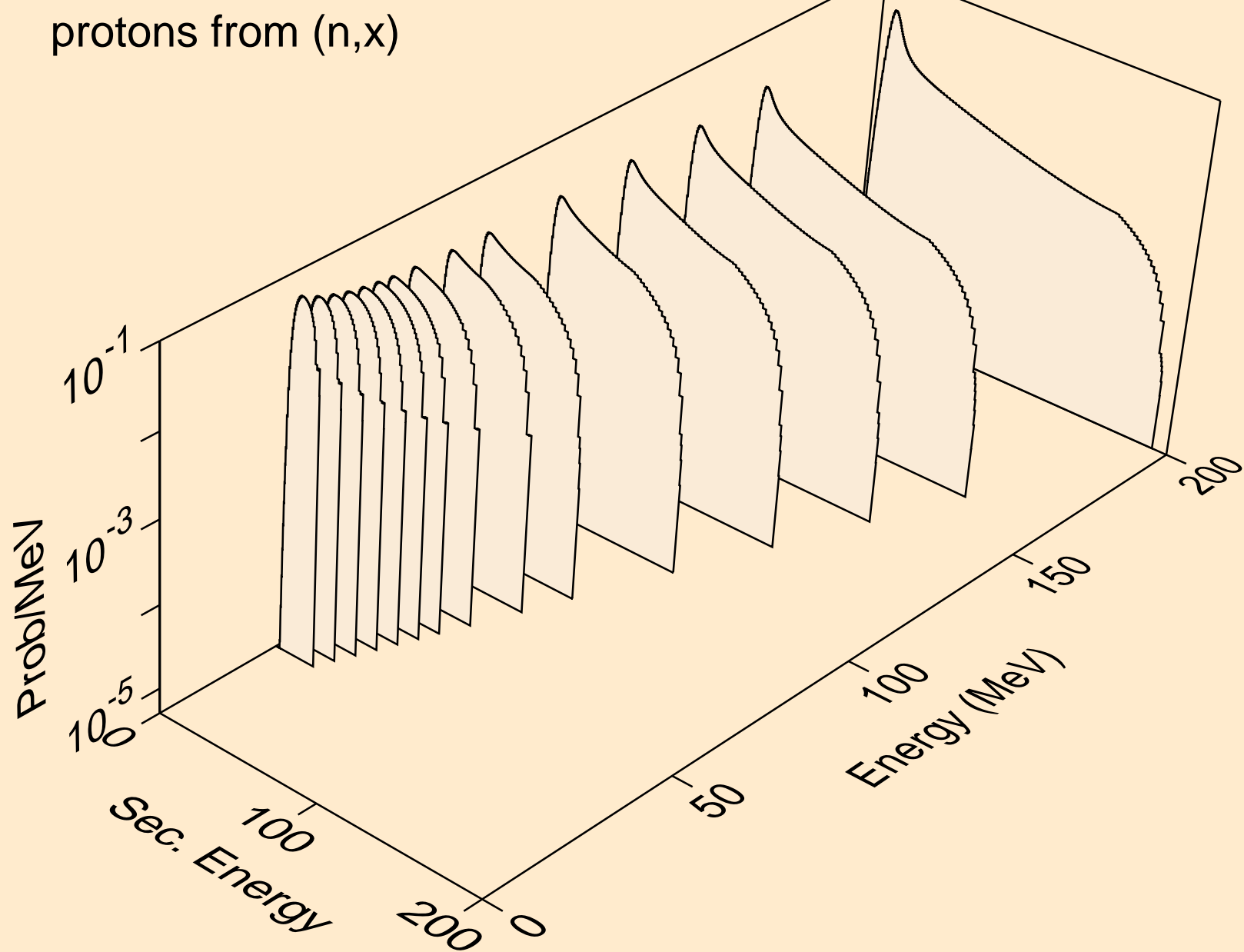
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Recoil Heating



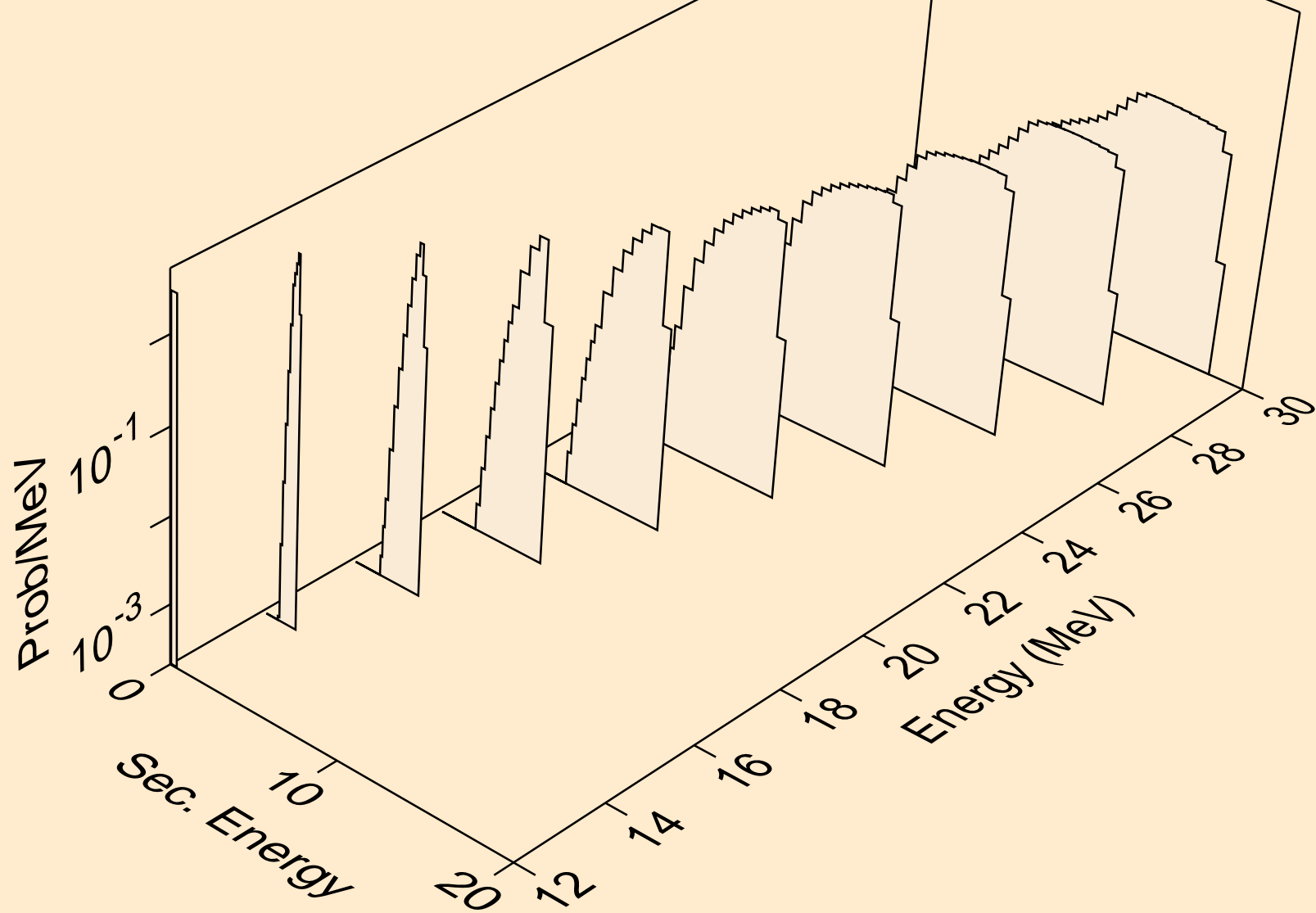
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Particle production cross sections



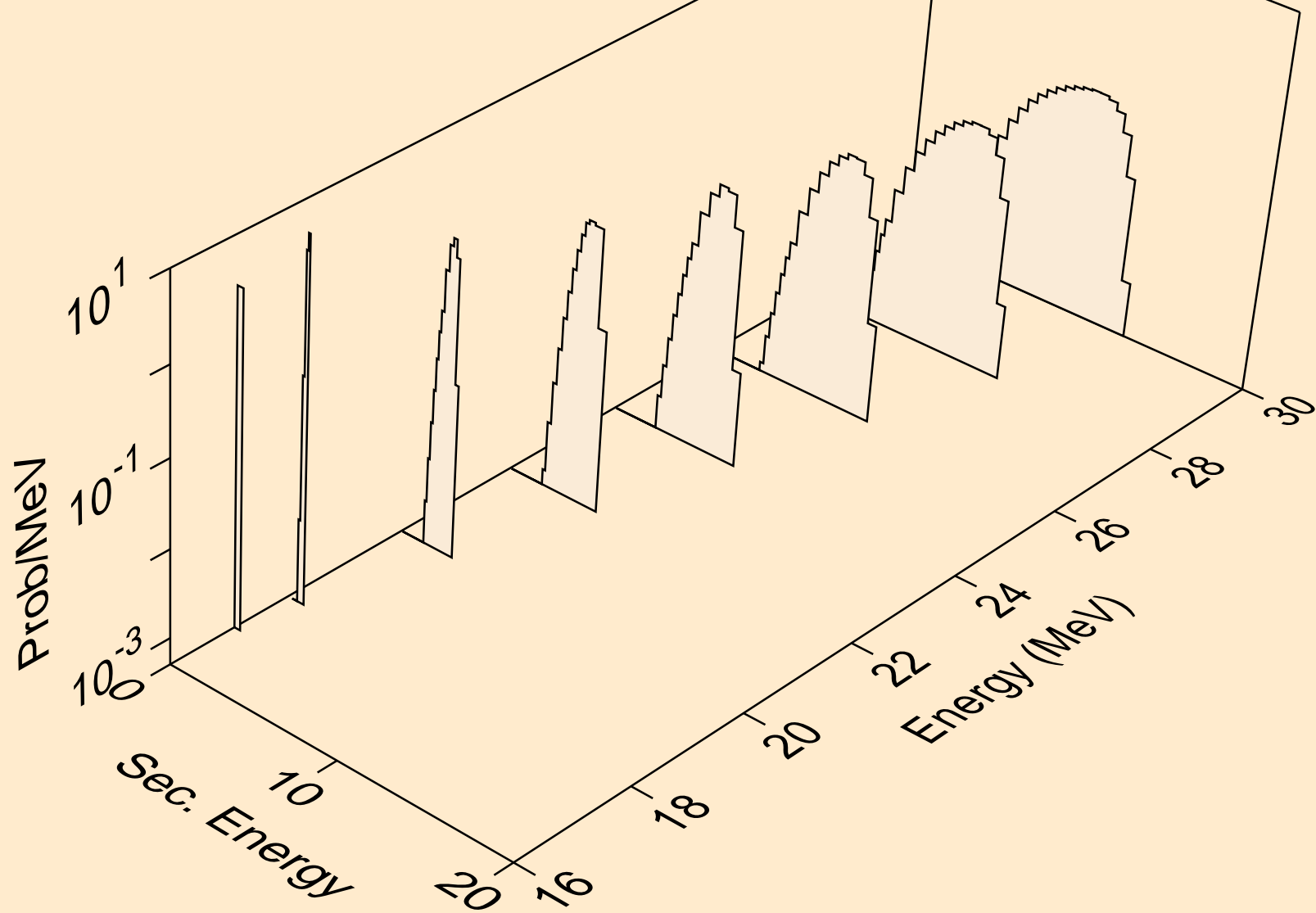
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protons from (n,x)



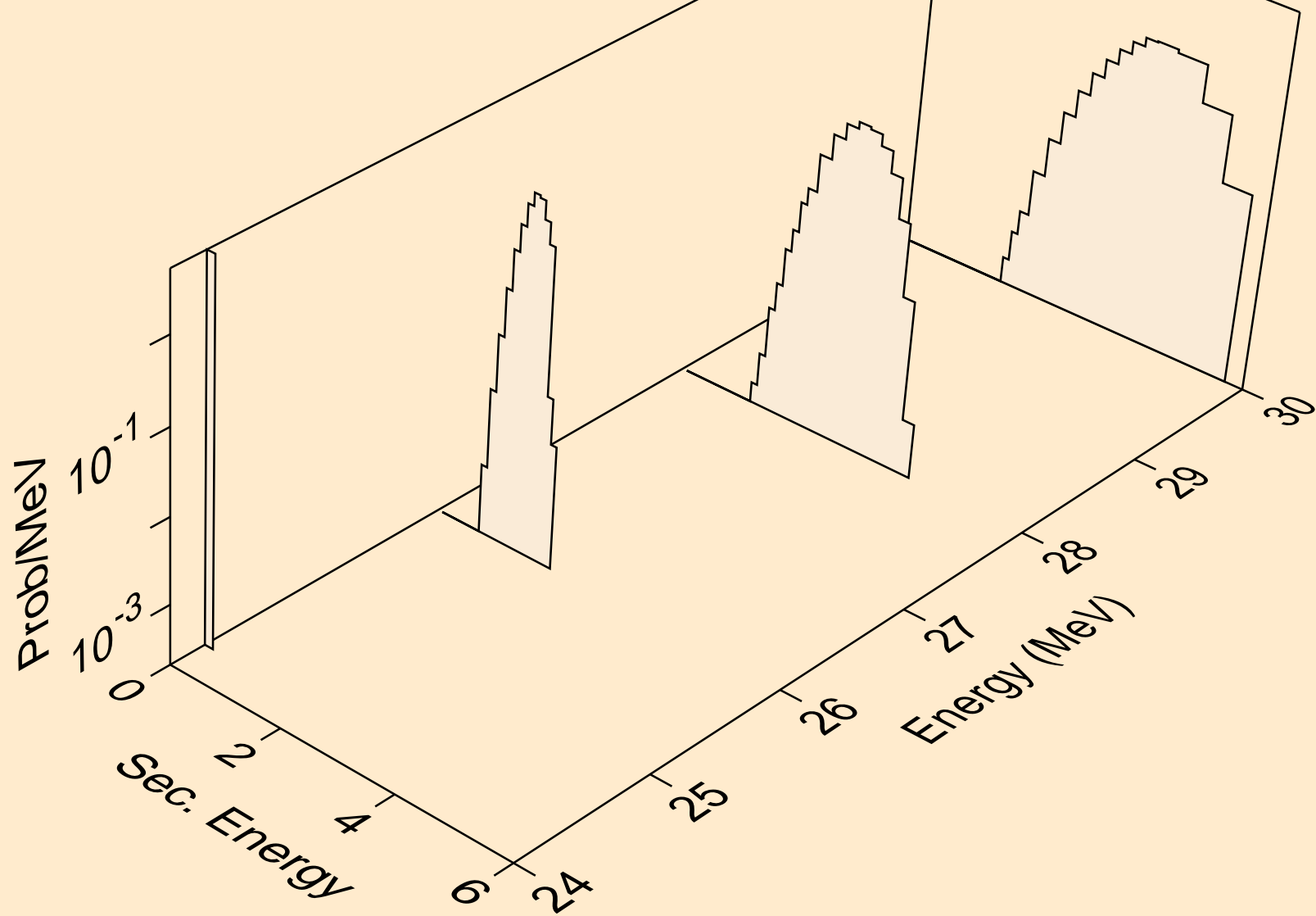
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protons from (n,n\*)p



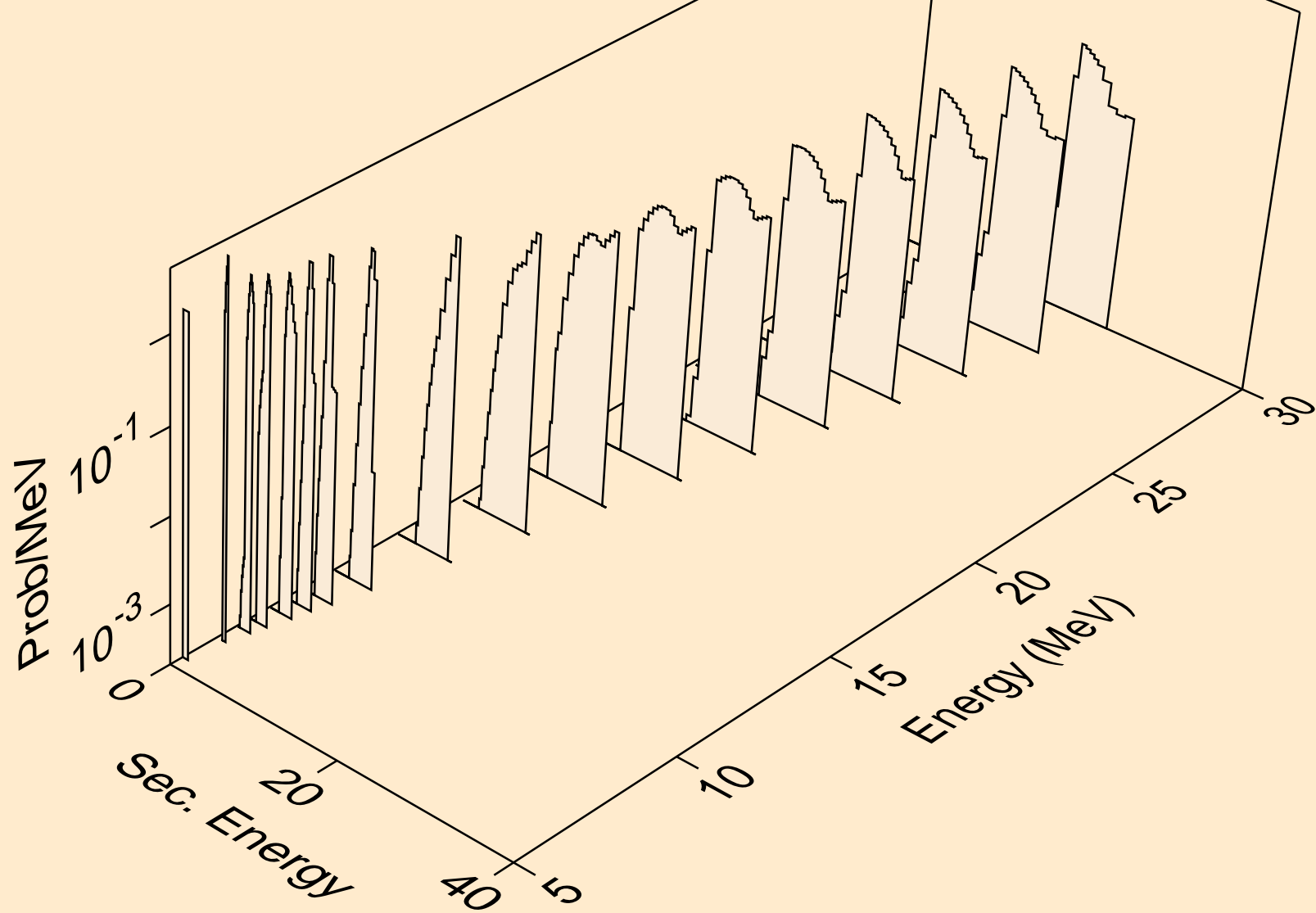
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

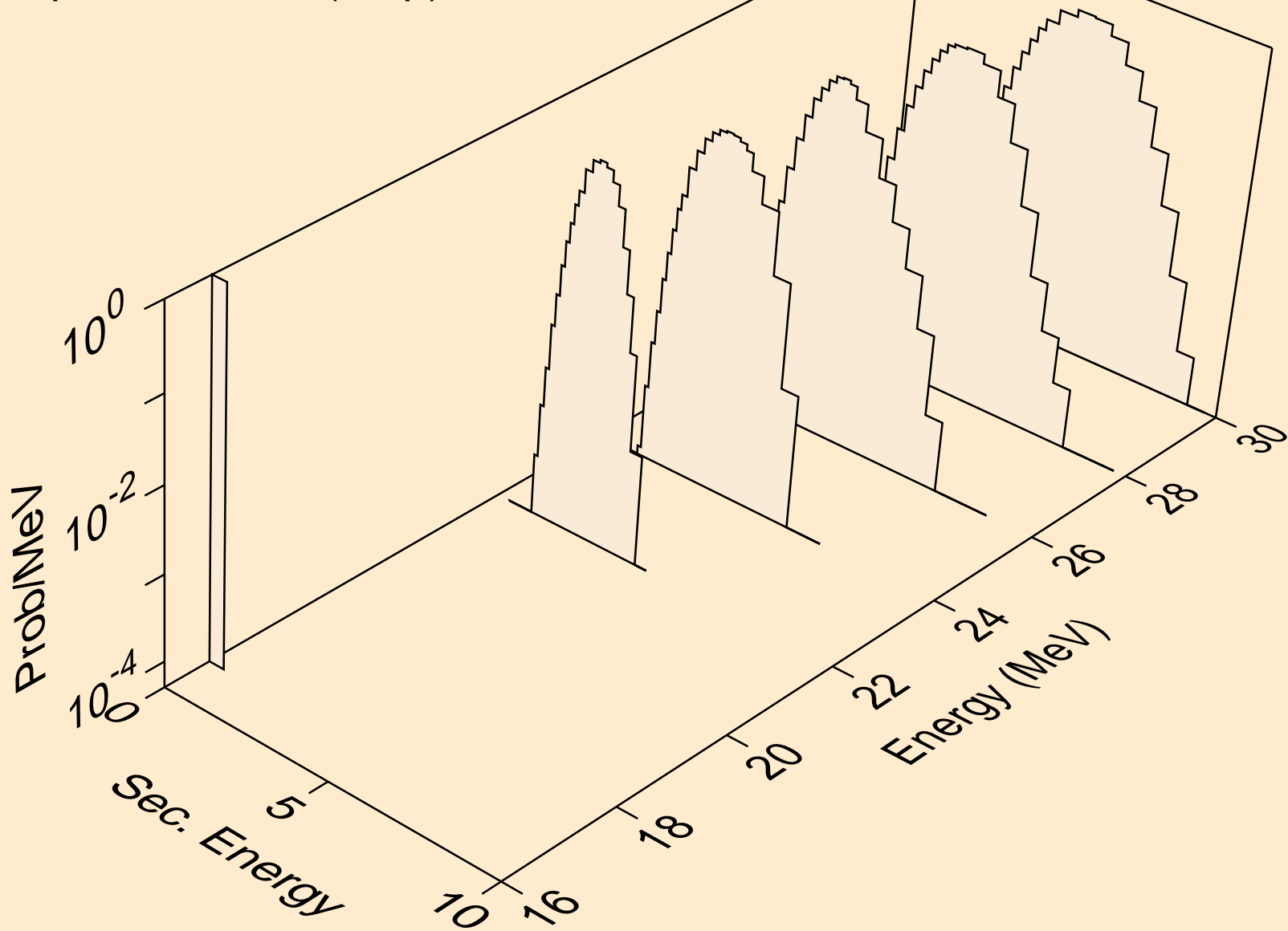


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protons from (n,p)

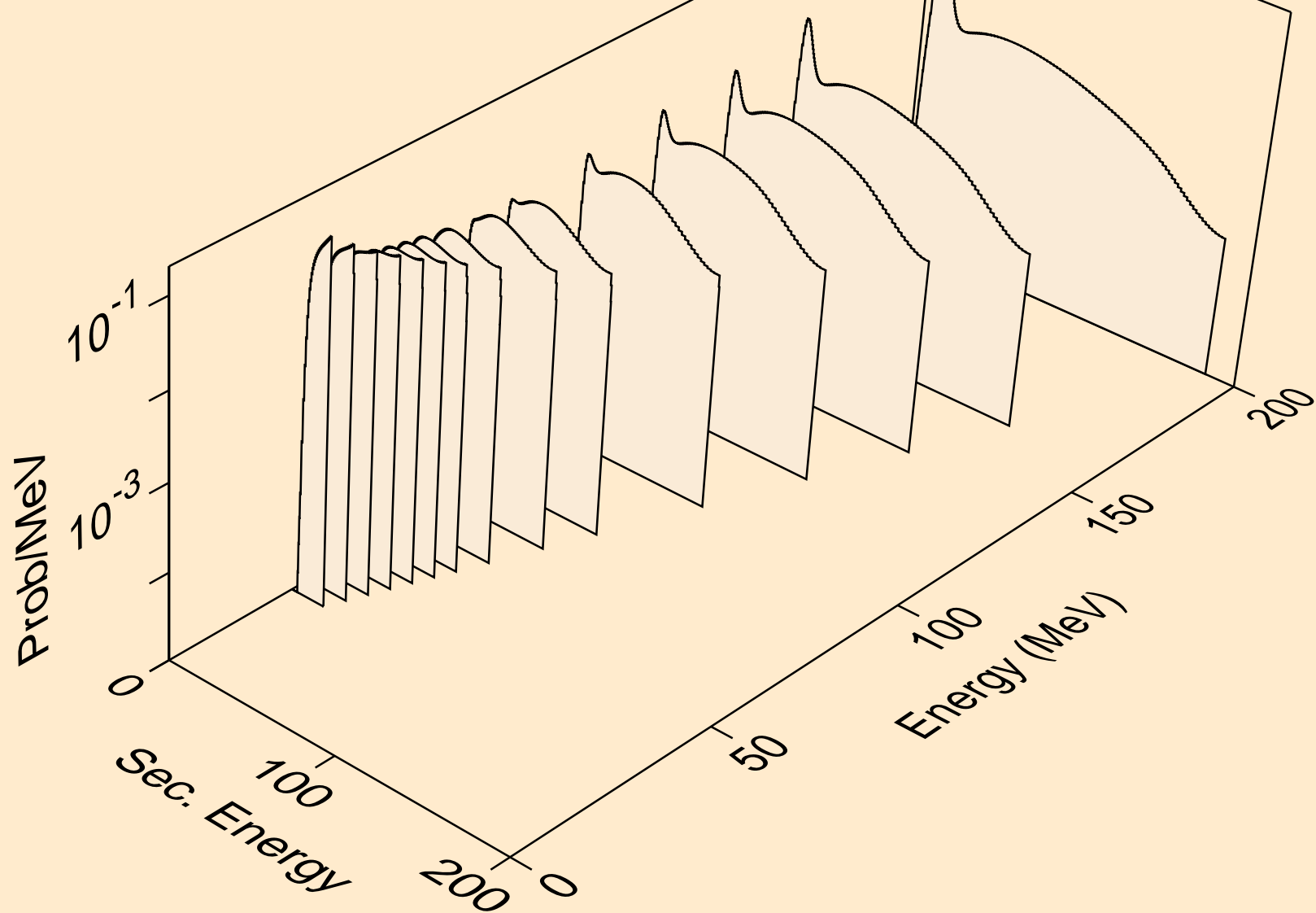




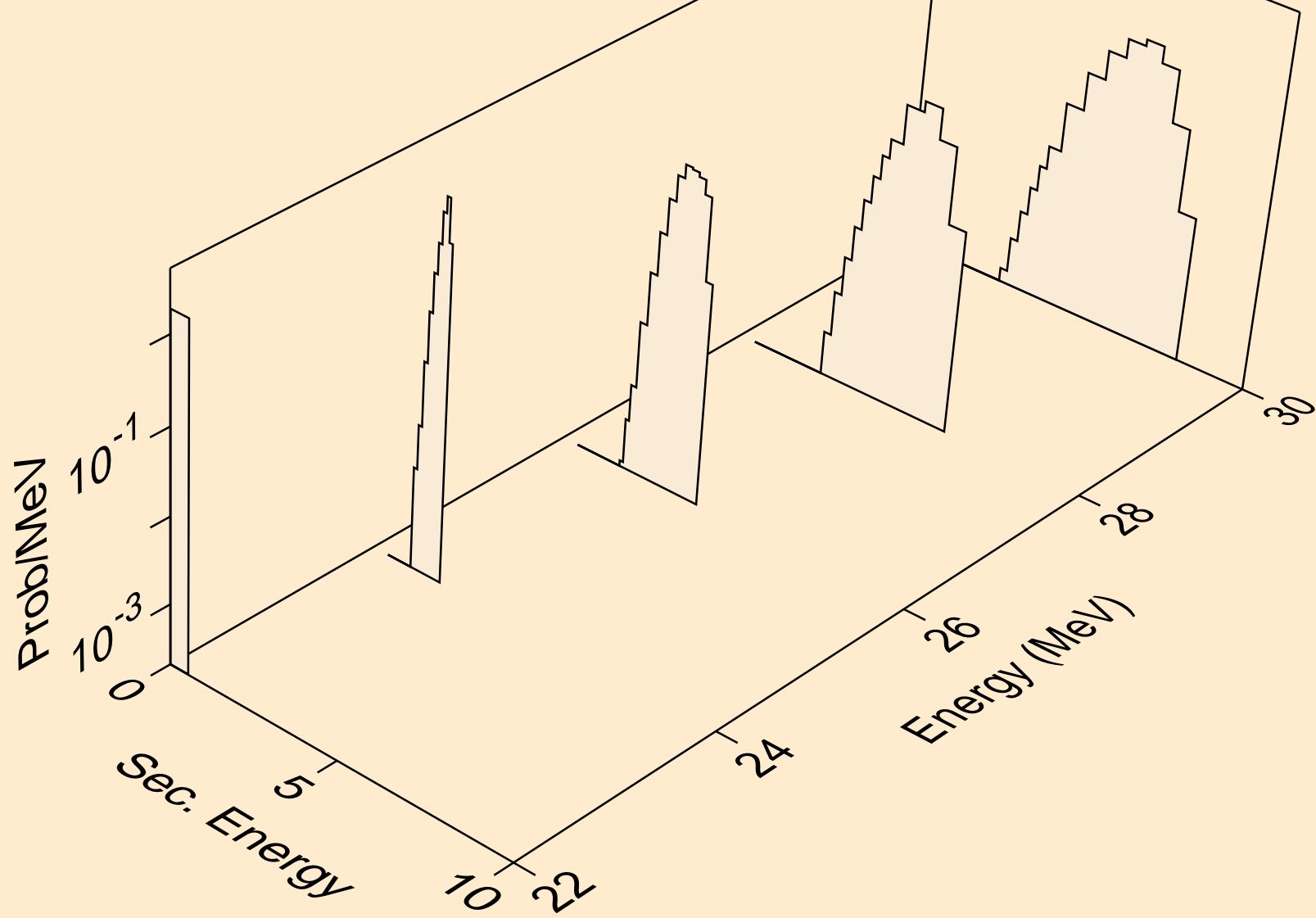
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protons from (n,2p)



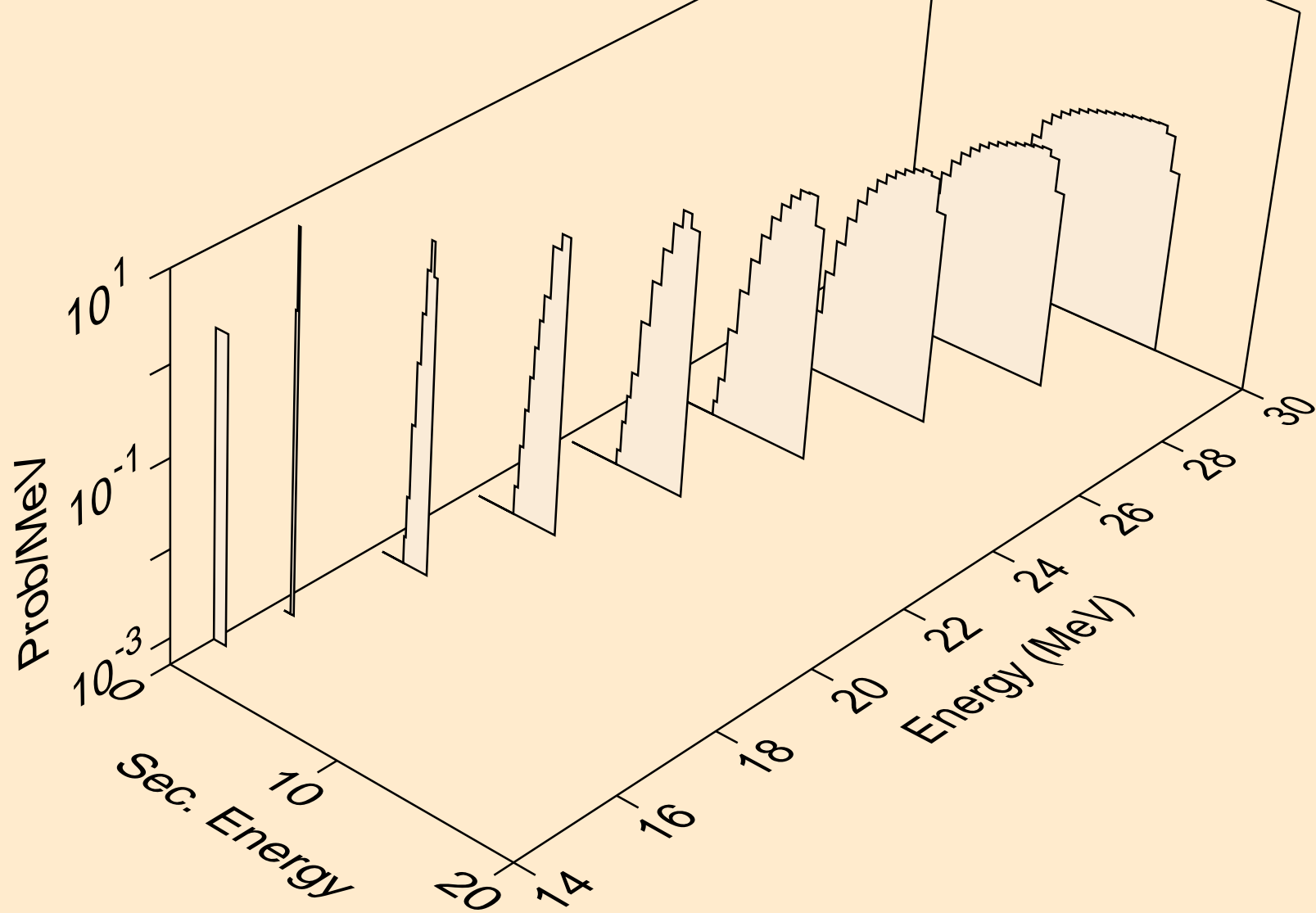
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deuterons from (n,x)



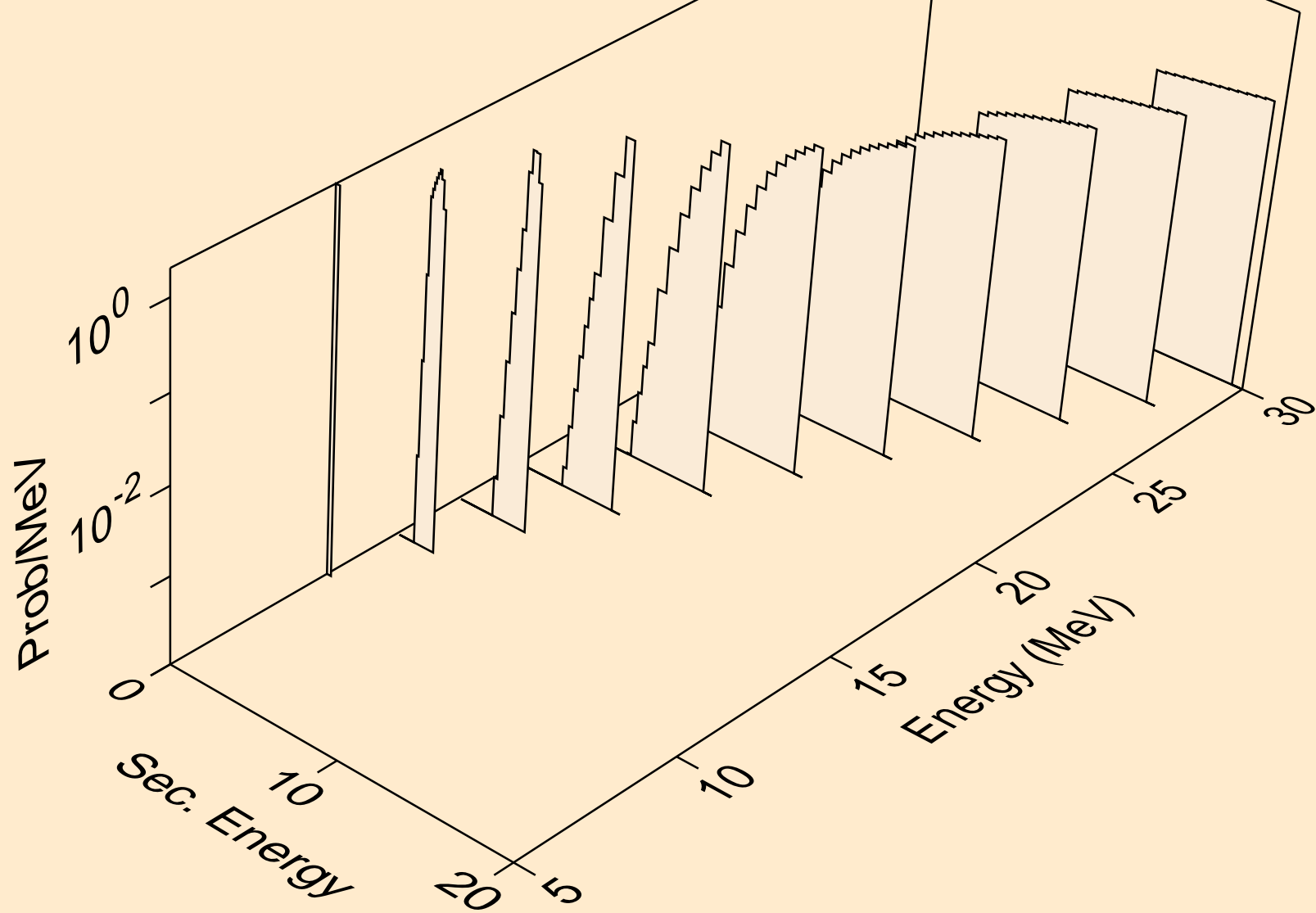
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deuterons from (n,2nd)



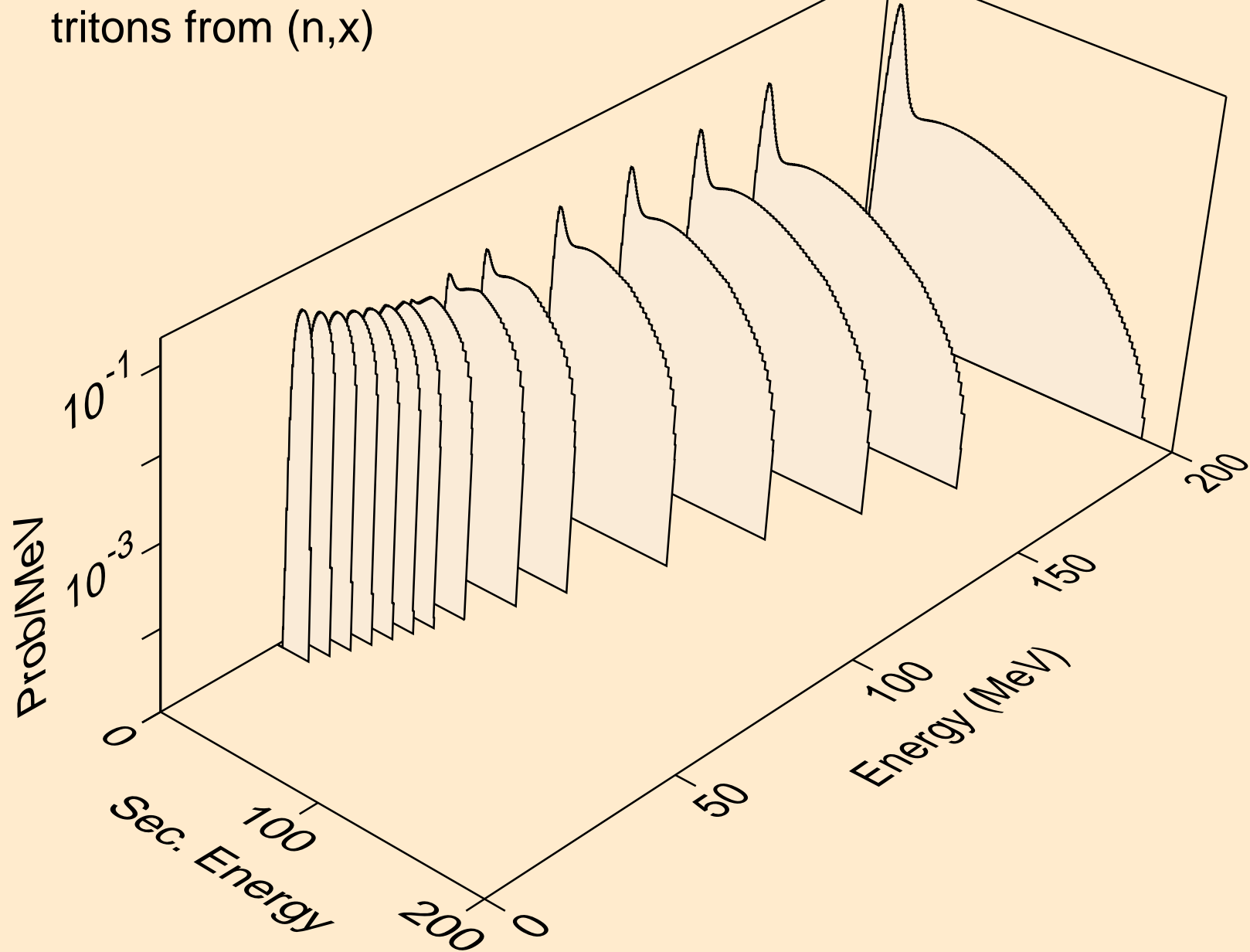
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deuterons from (n,n\*)d



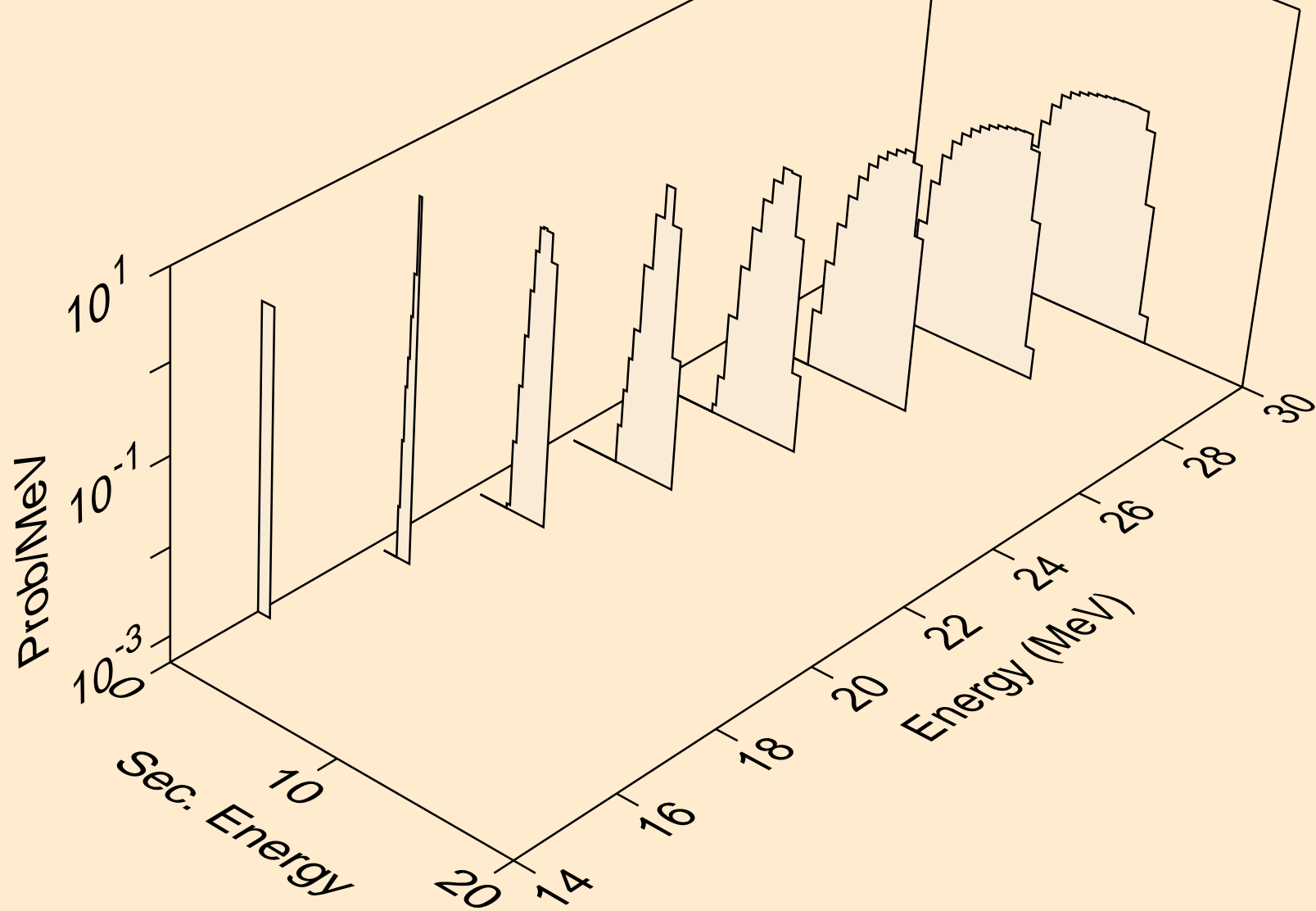
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deuterons from (n,d)



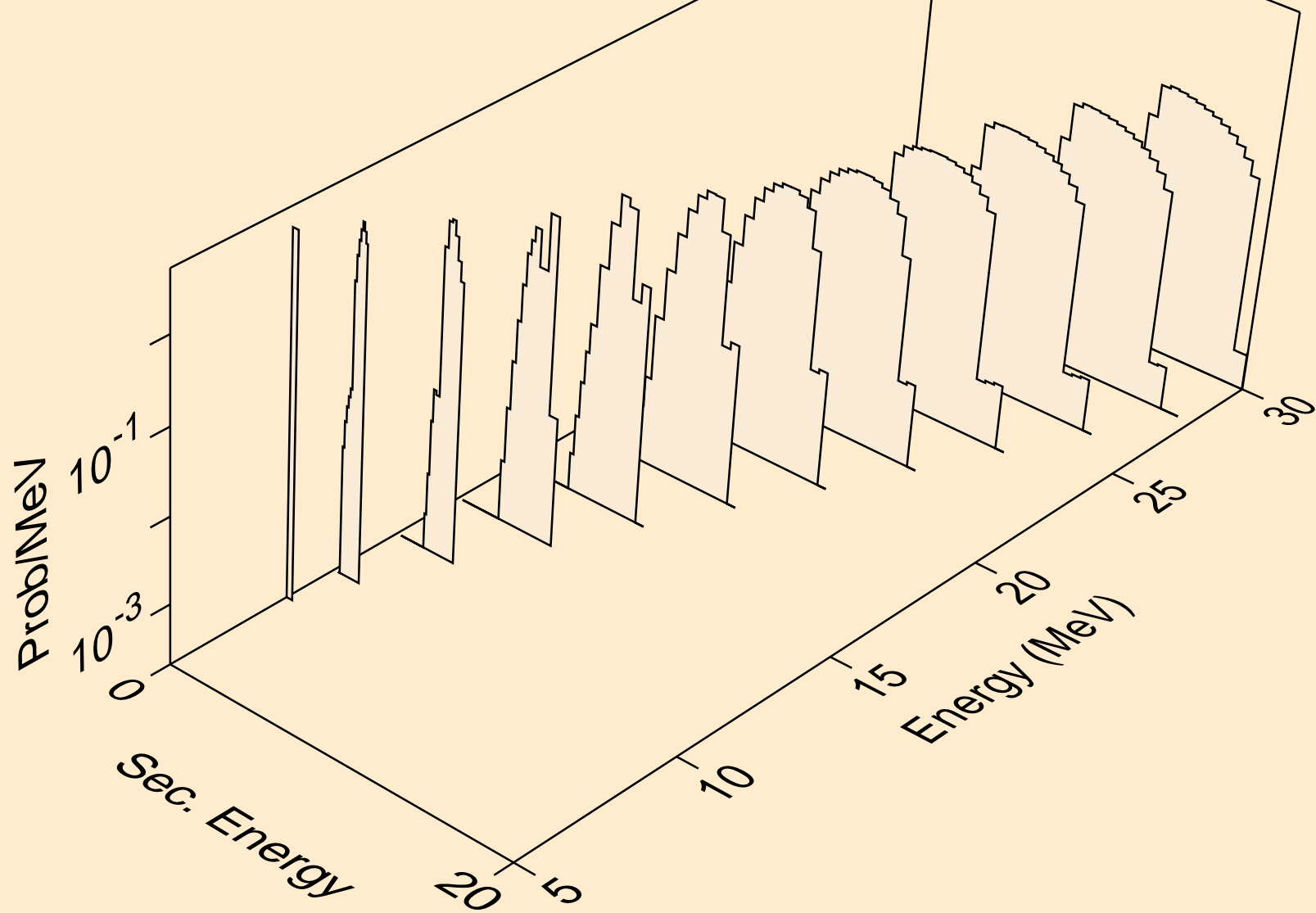
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

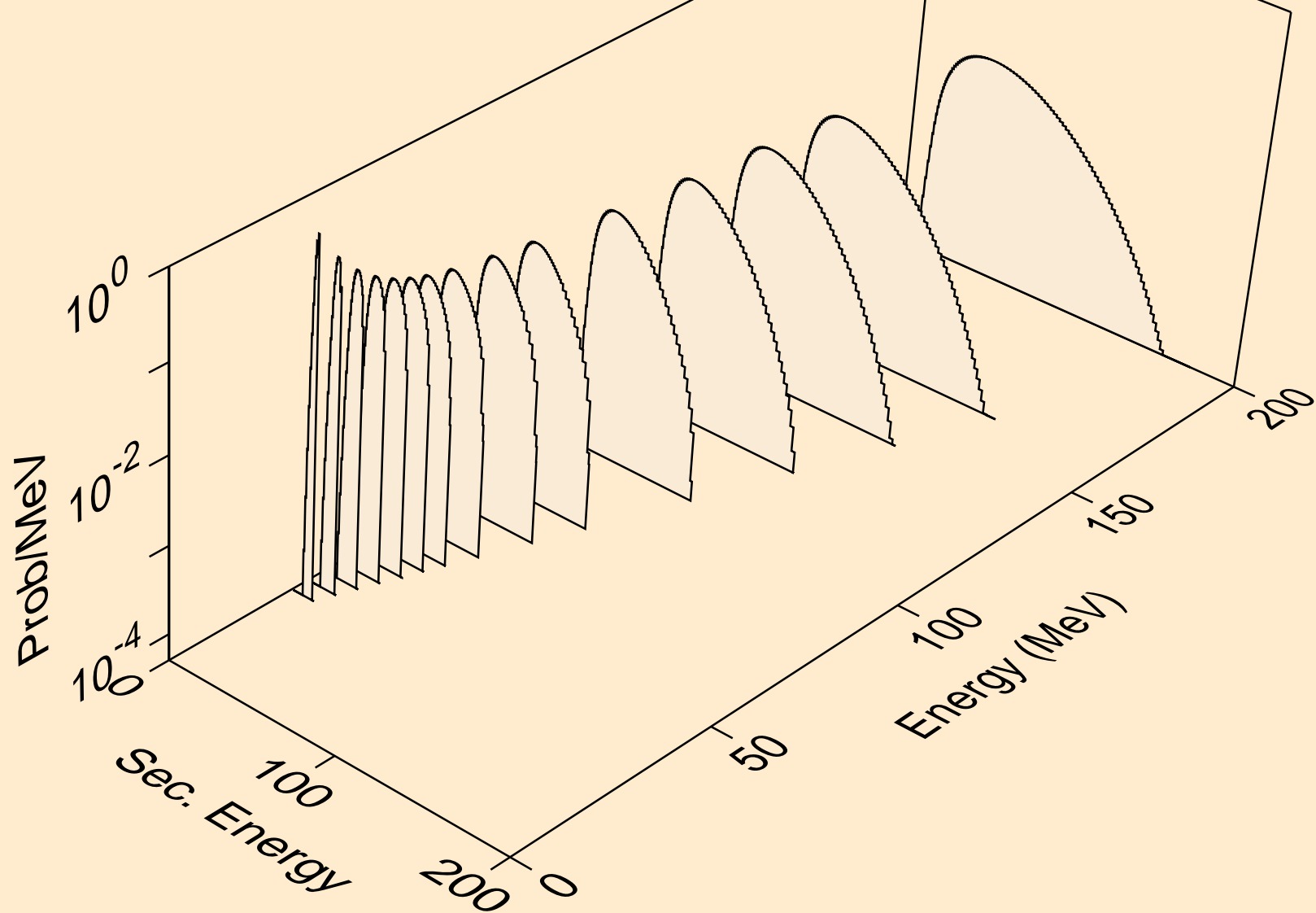


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tritons from (n,t)

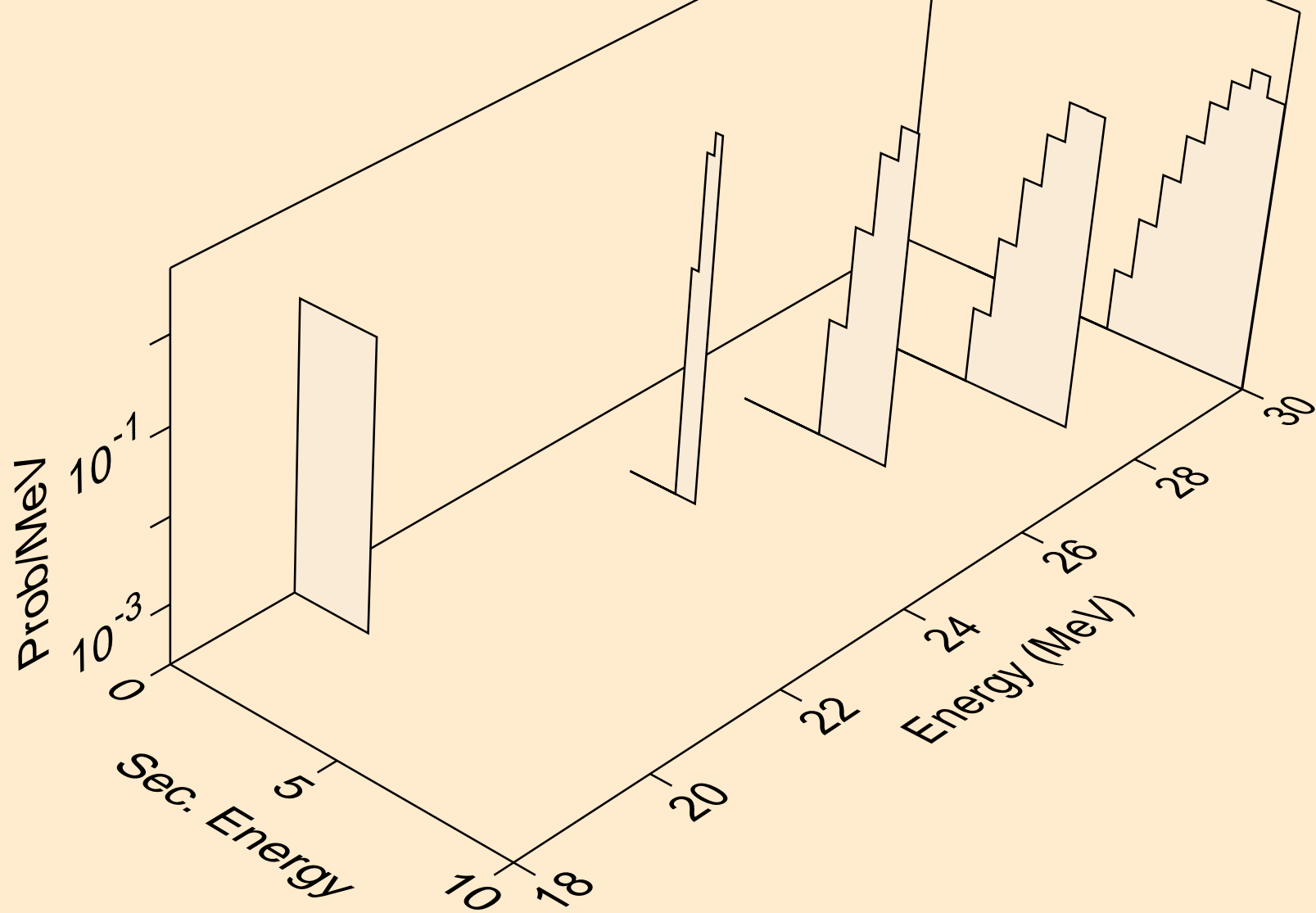




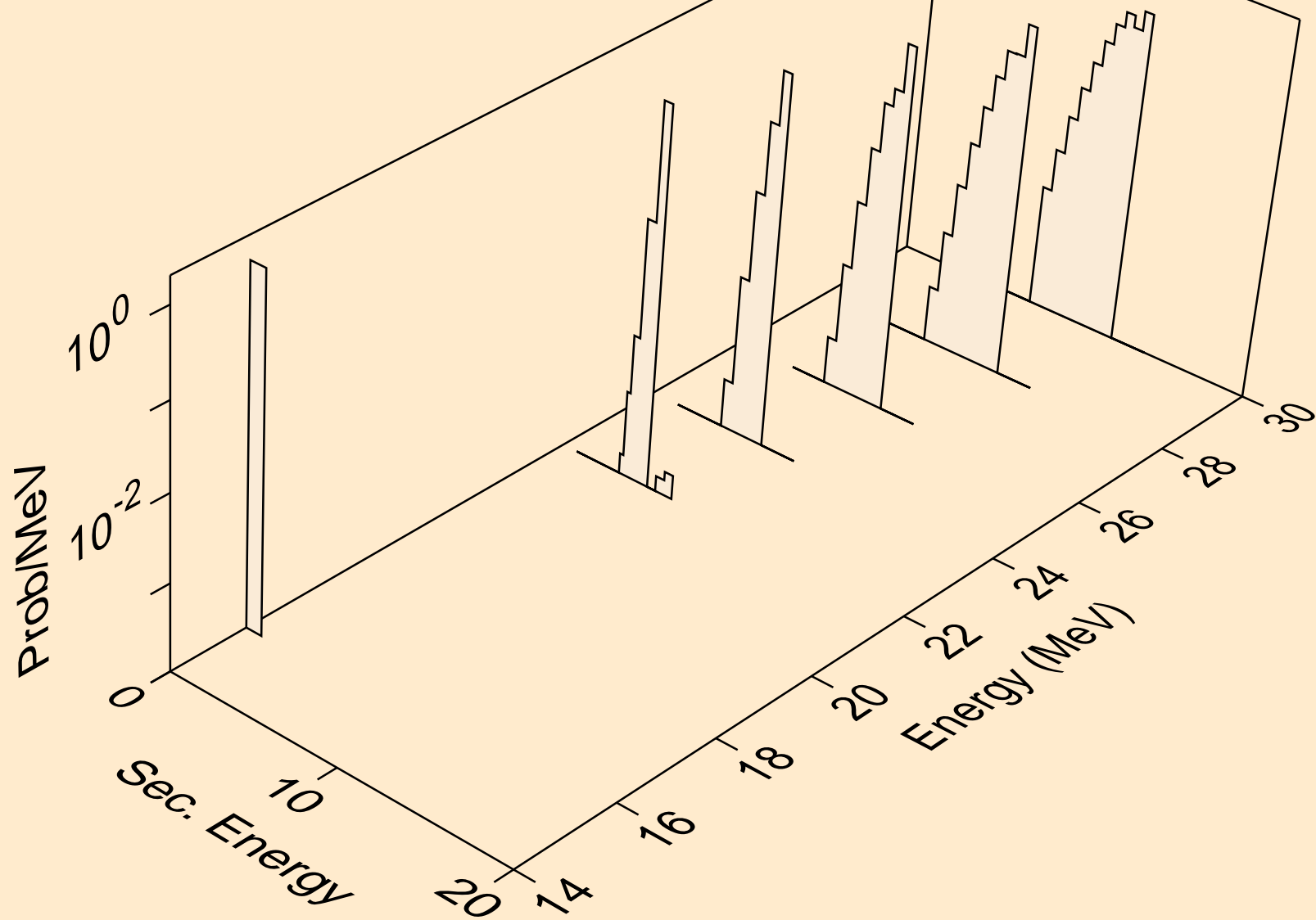
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he3s from (n,x)



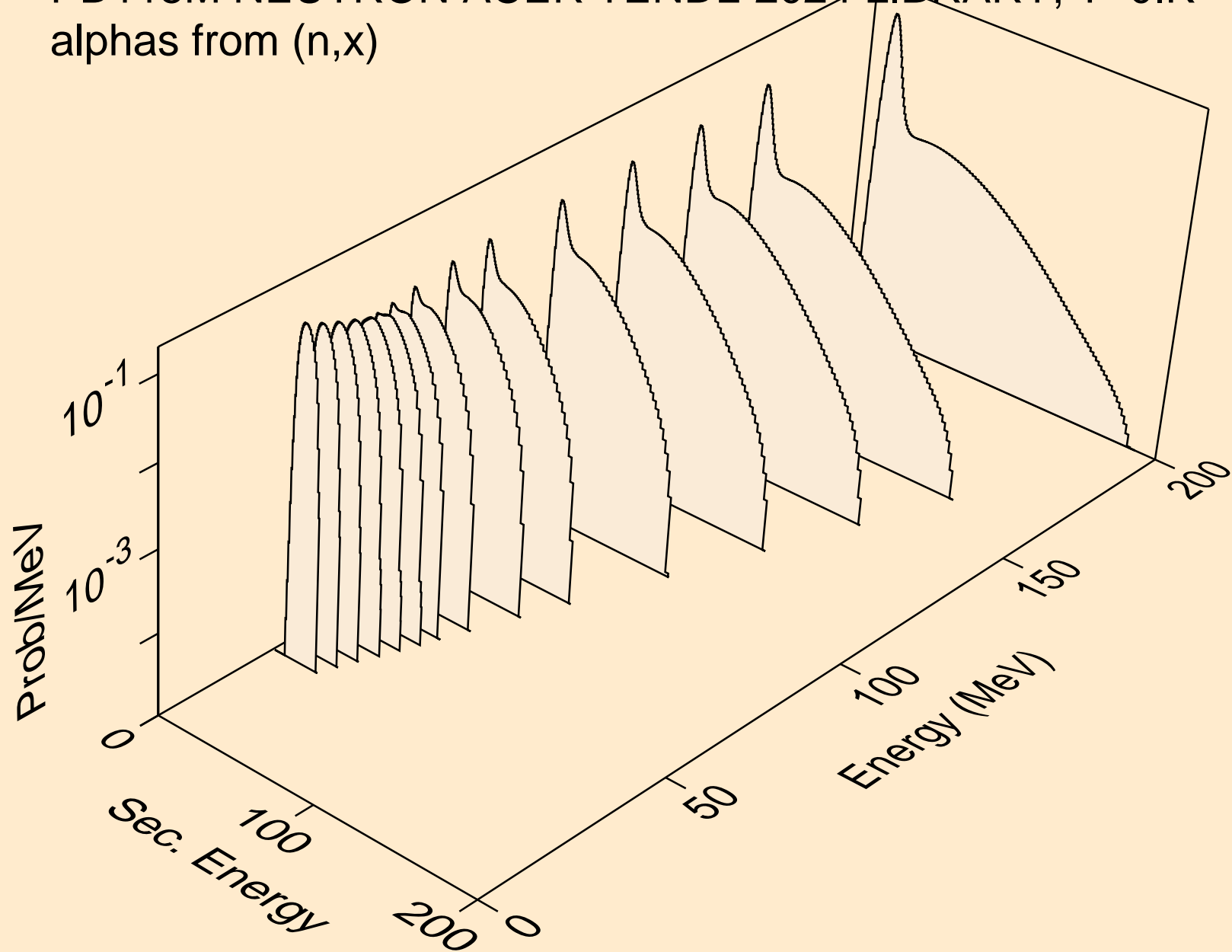
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he3s from (n,n\*)he3



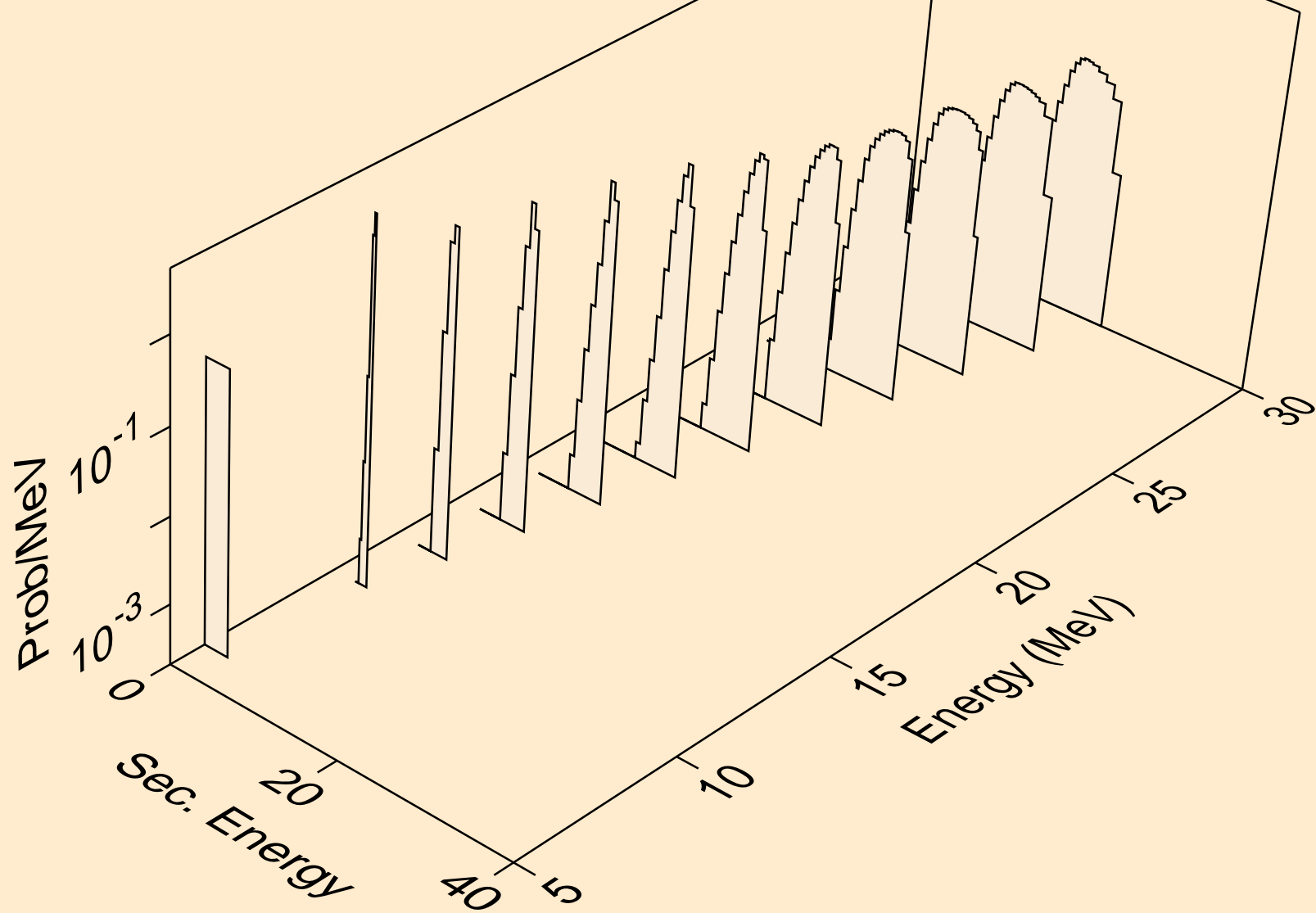
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he3s from (n,he3)



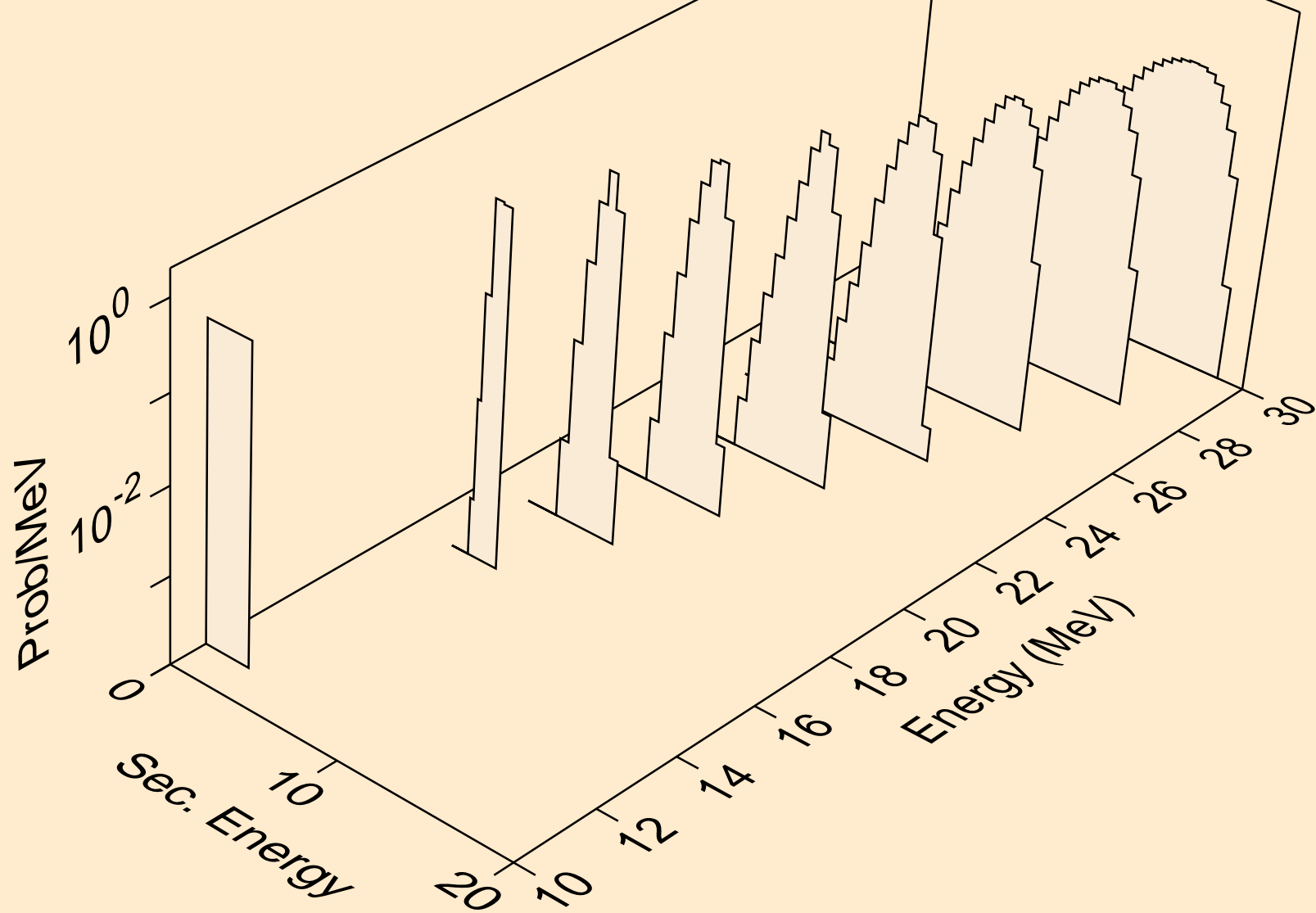
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



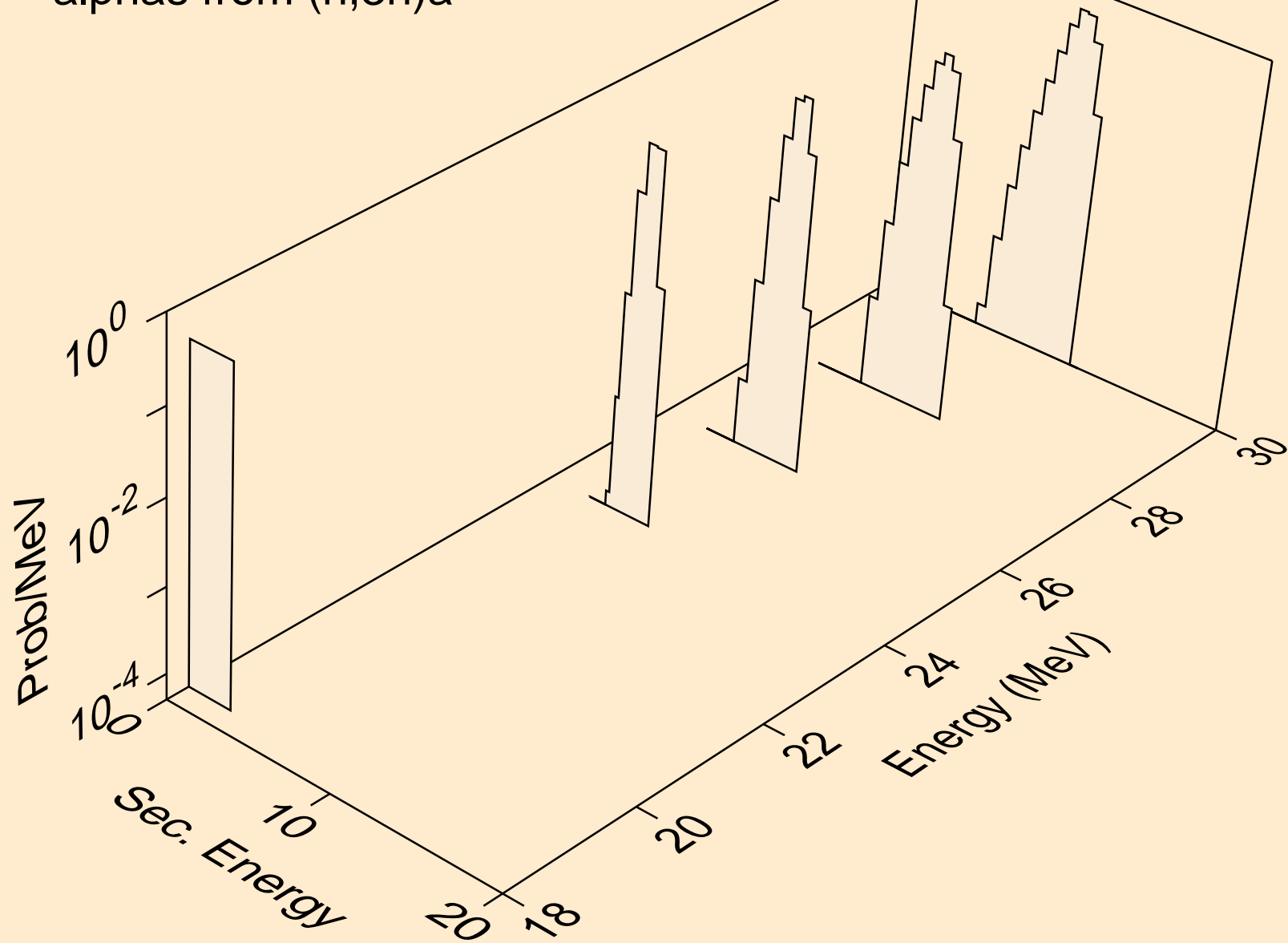
PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



PD115M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

