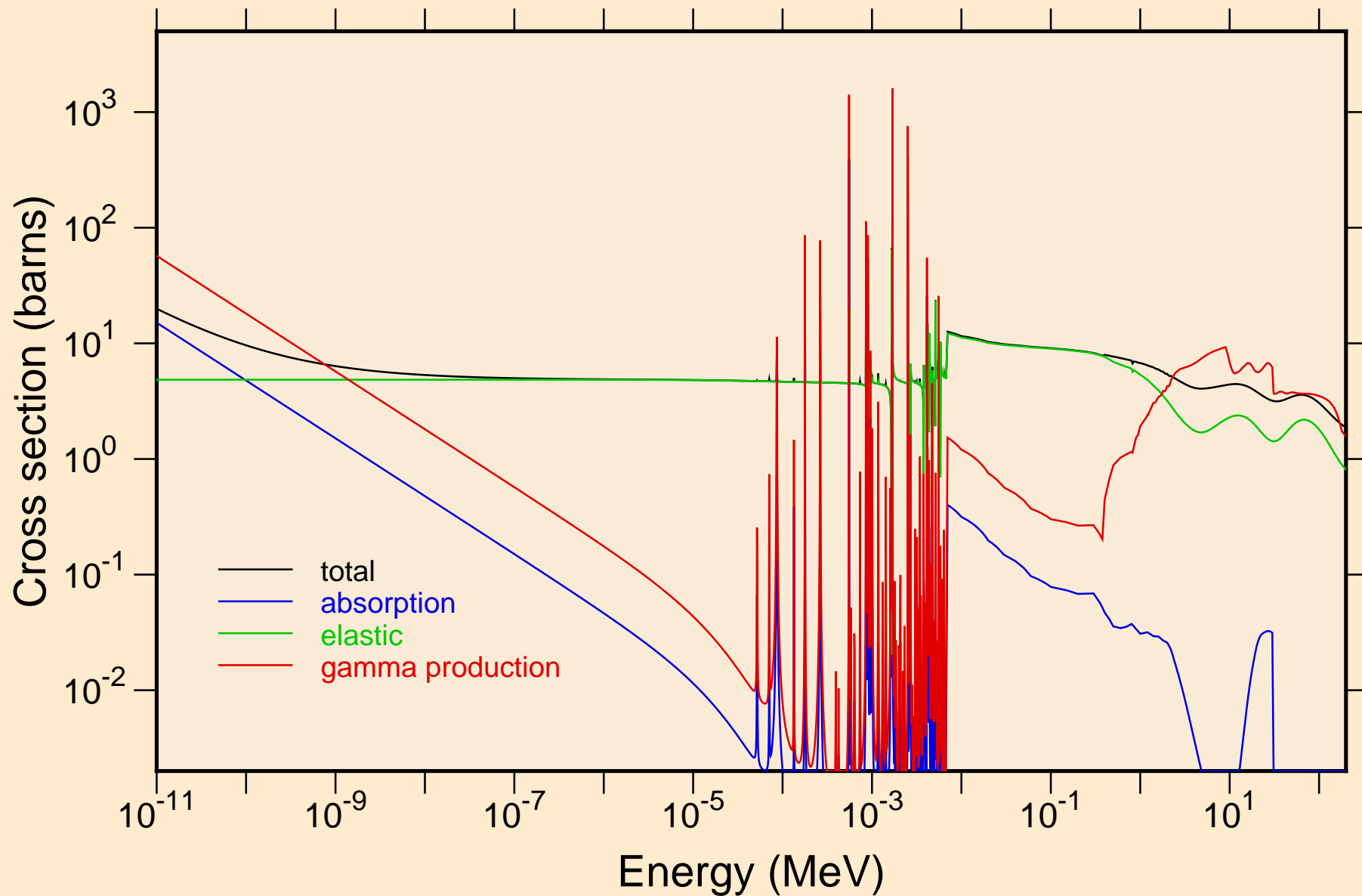
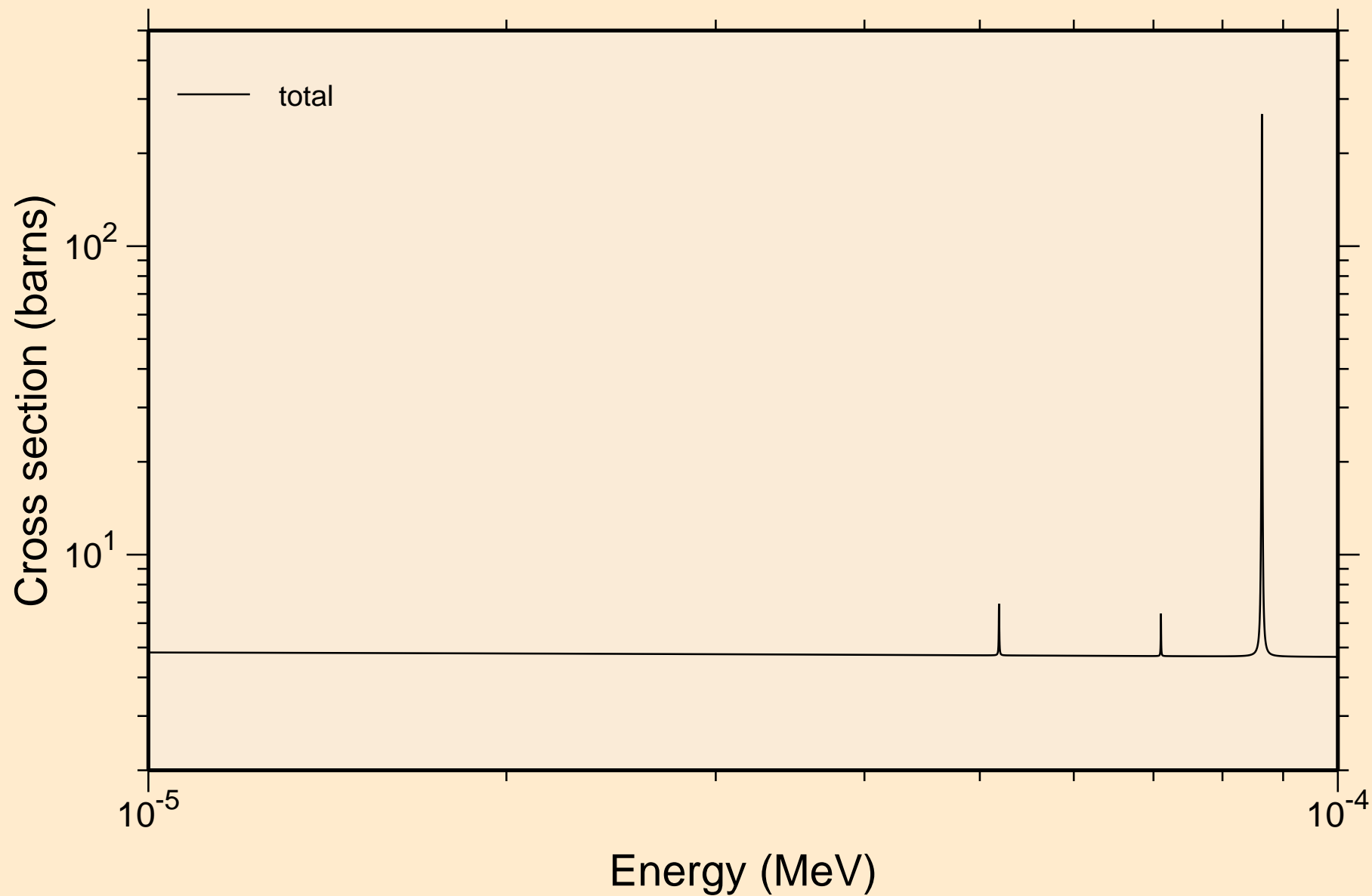


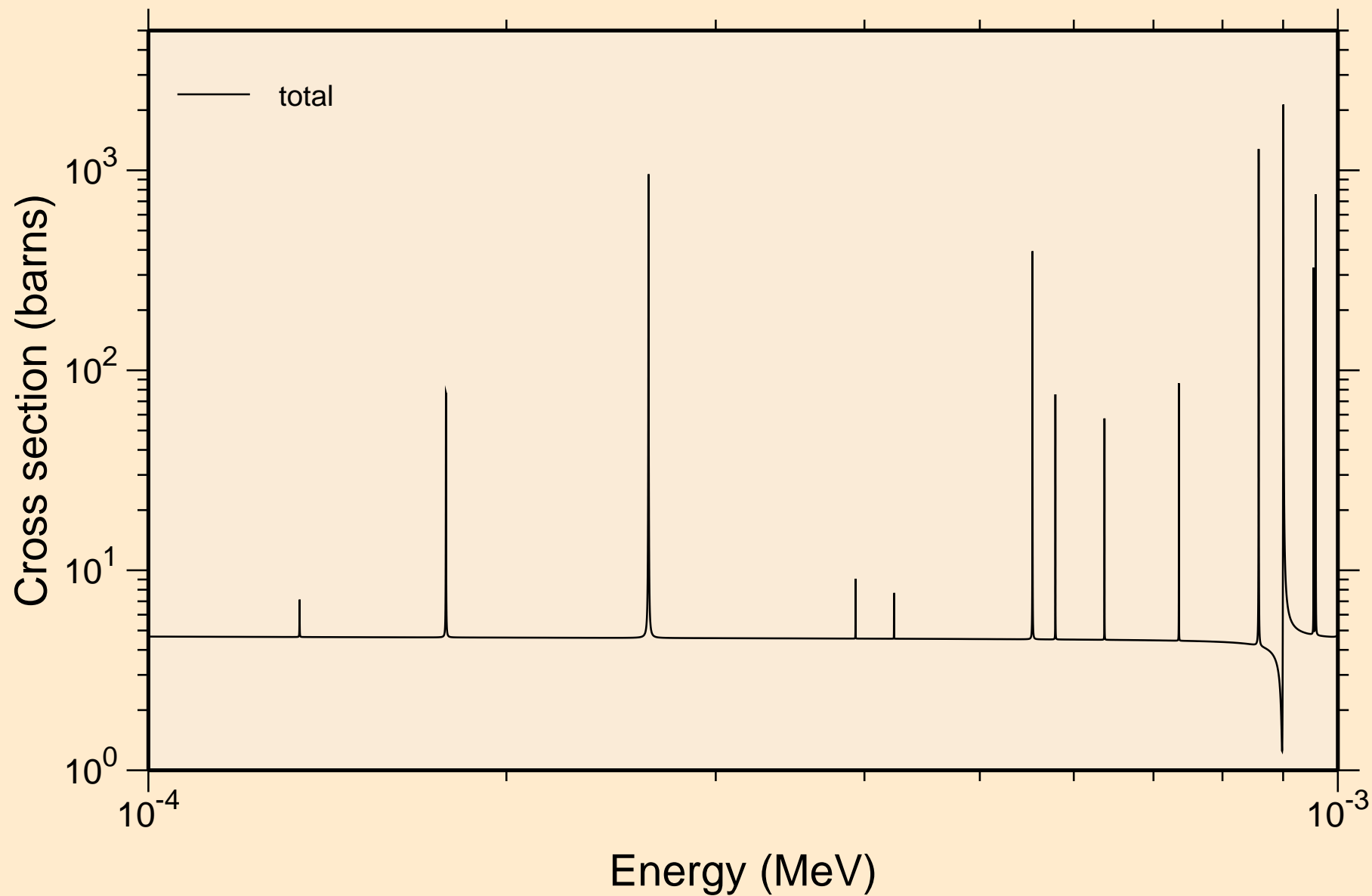
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



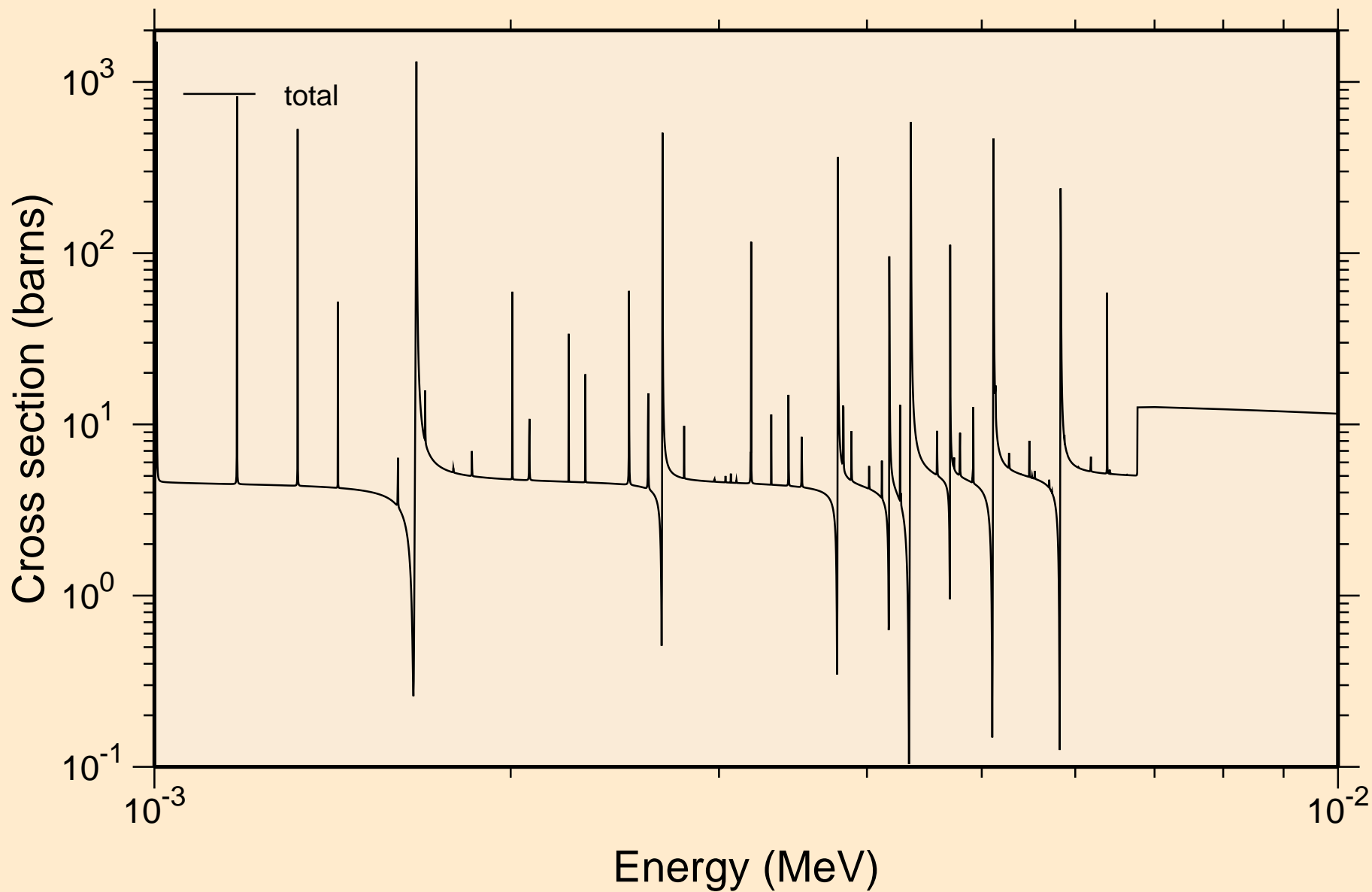
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



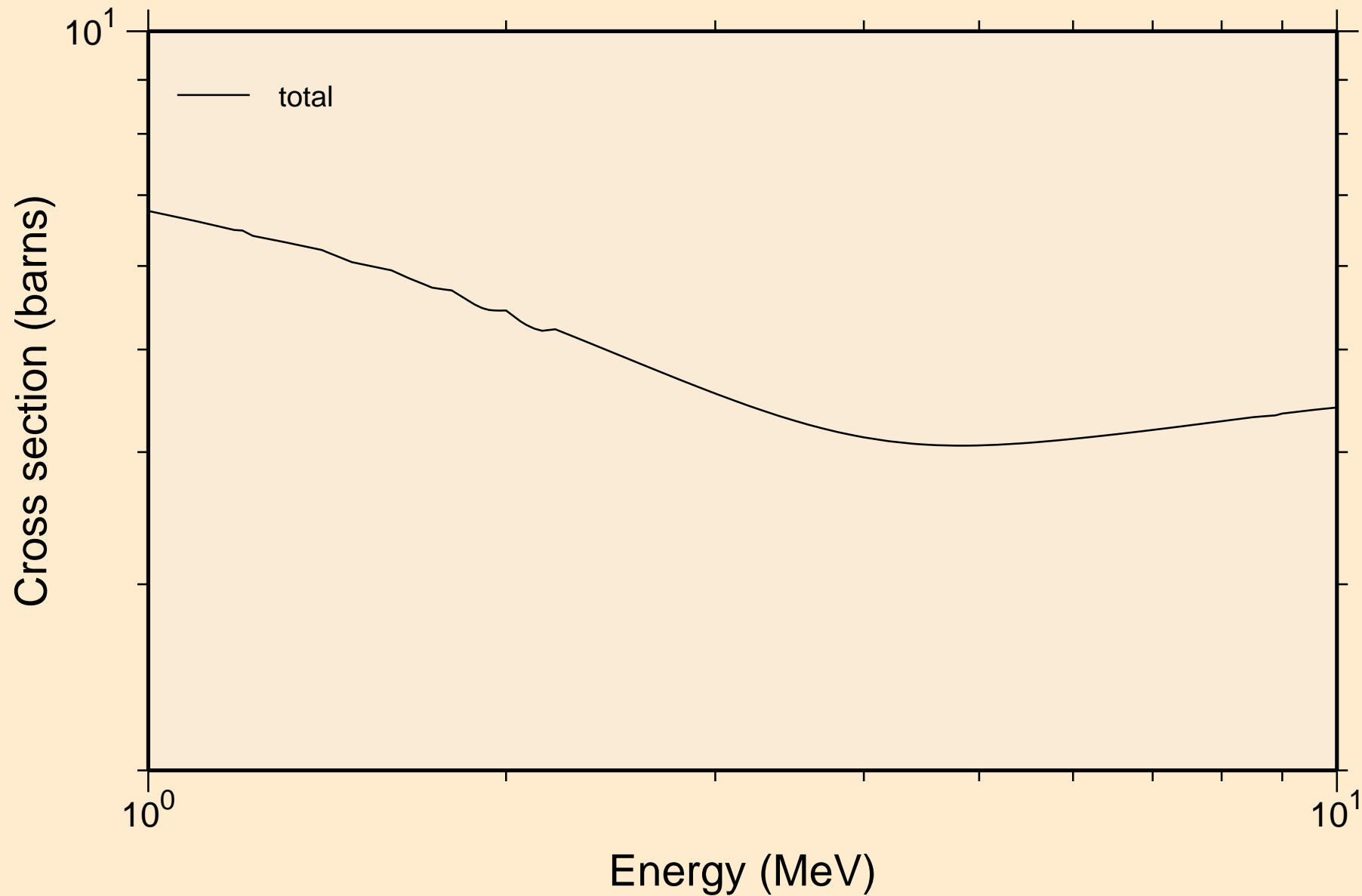
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resonance total cross section



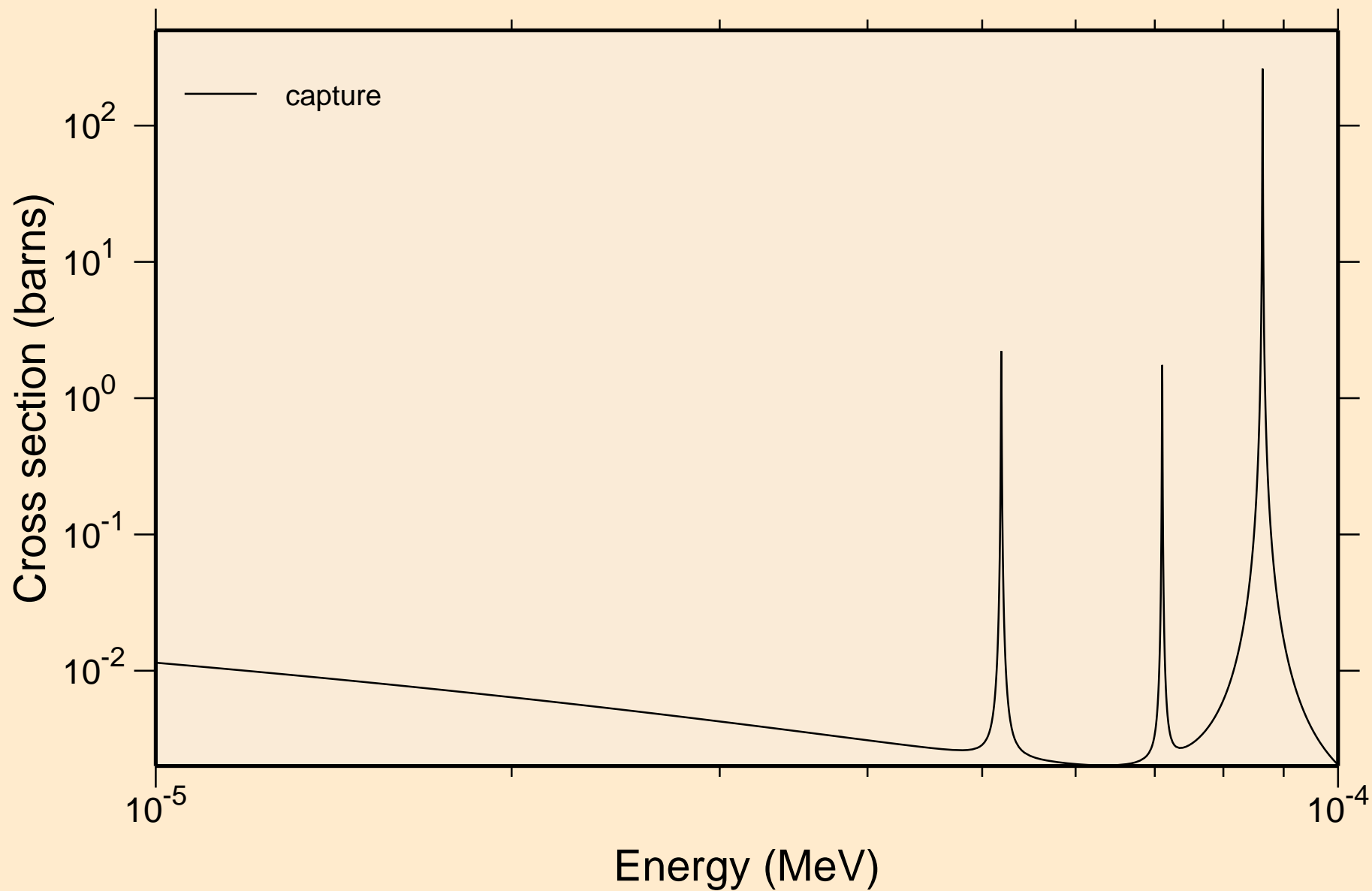
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resonance total cross section



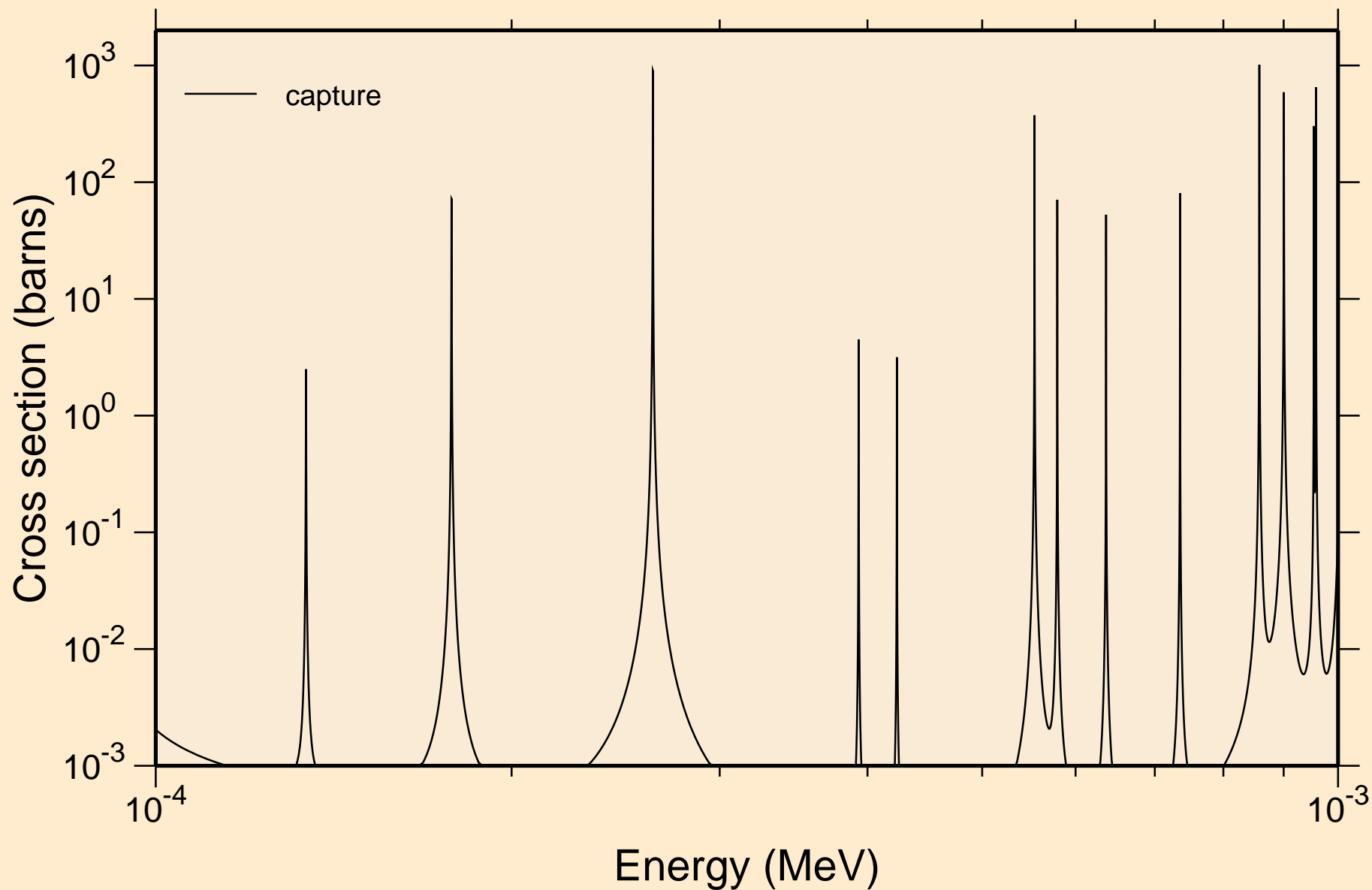
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resonance total cross section



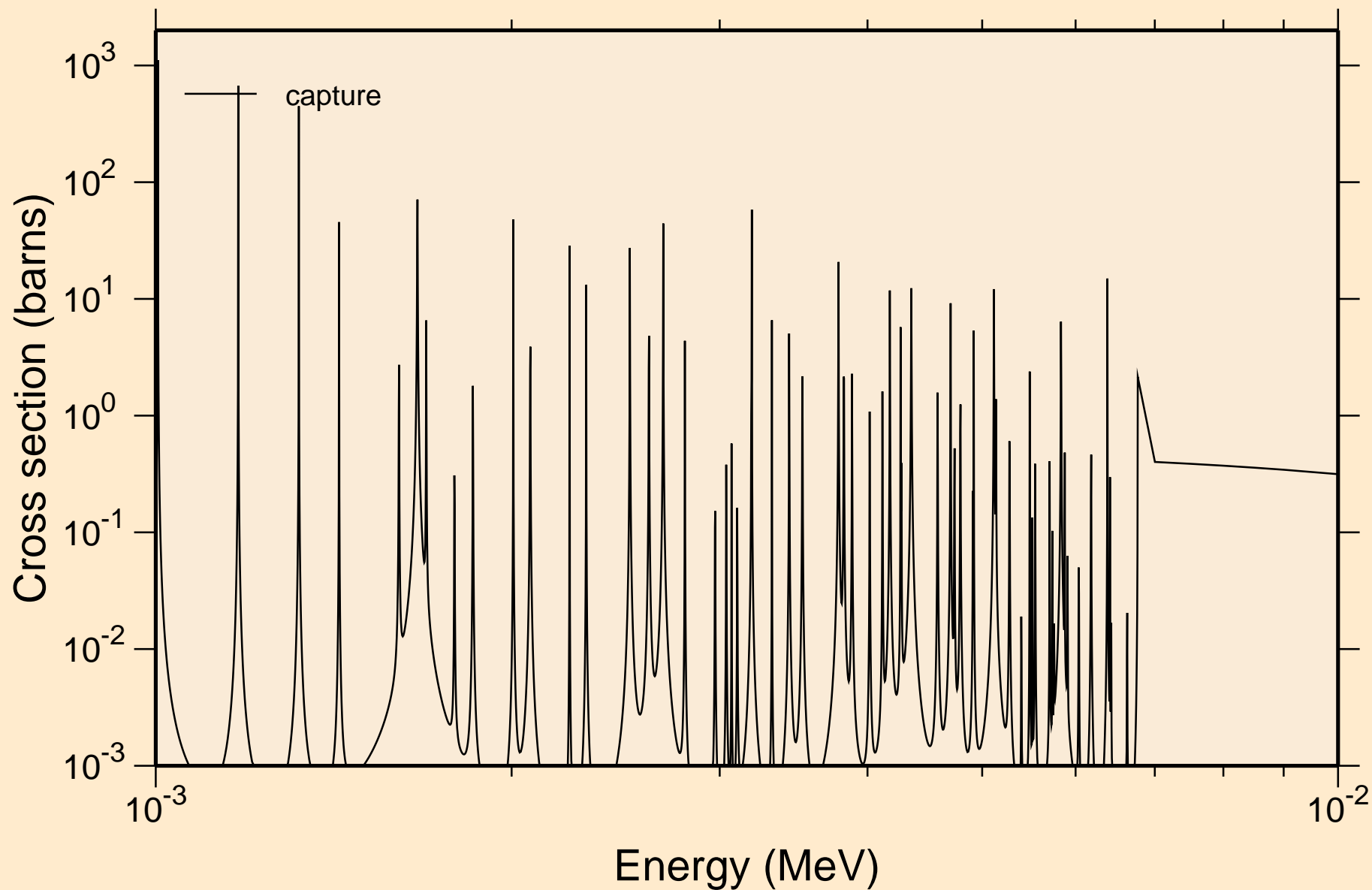
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

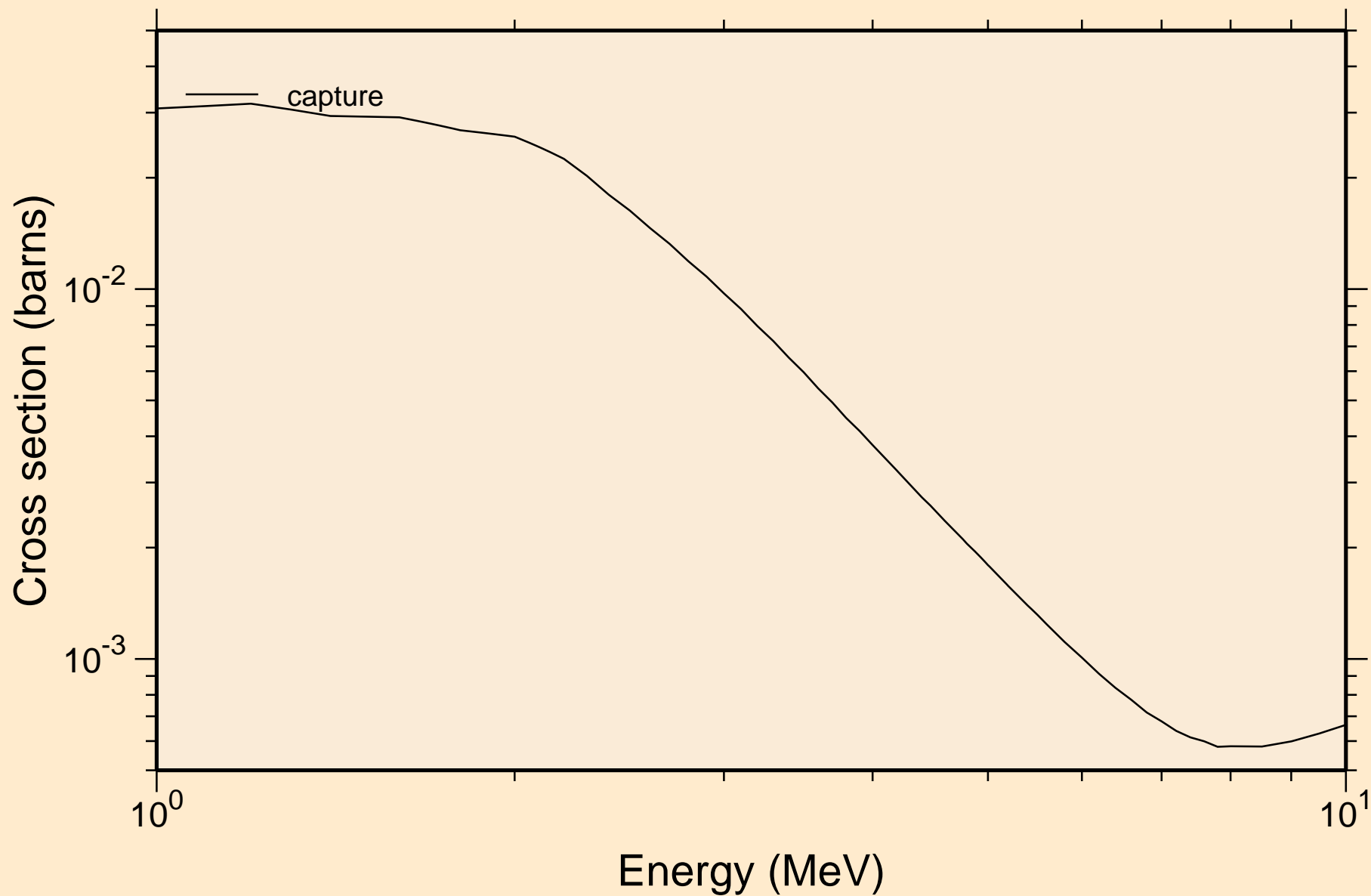


PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

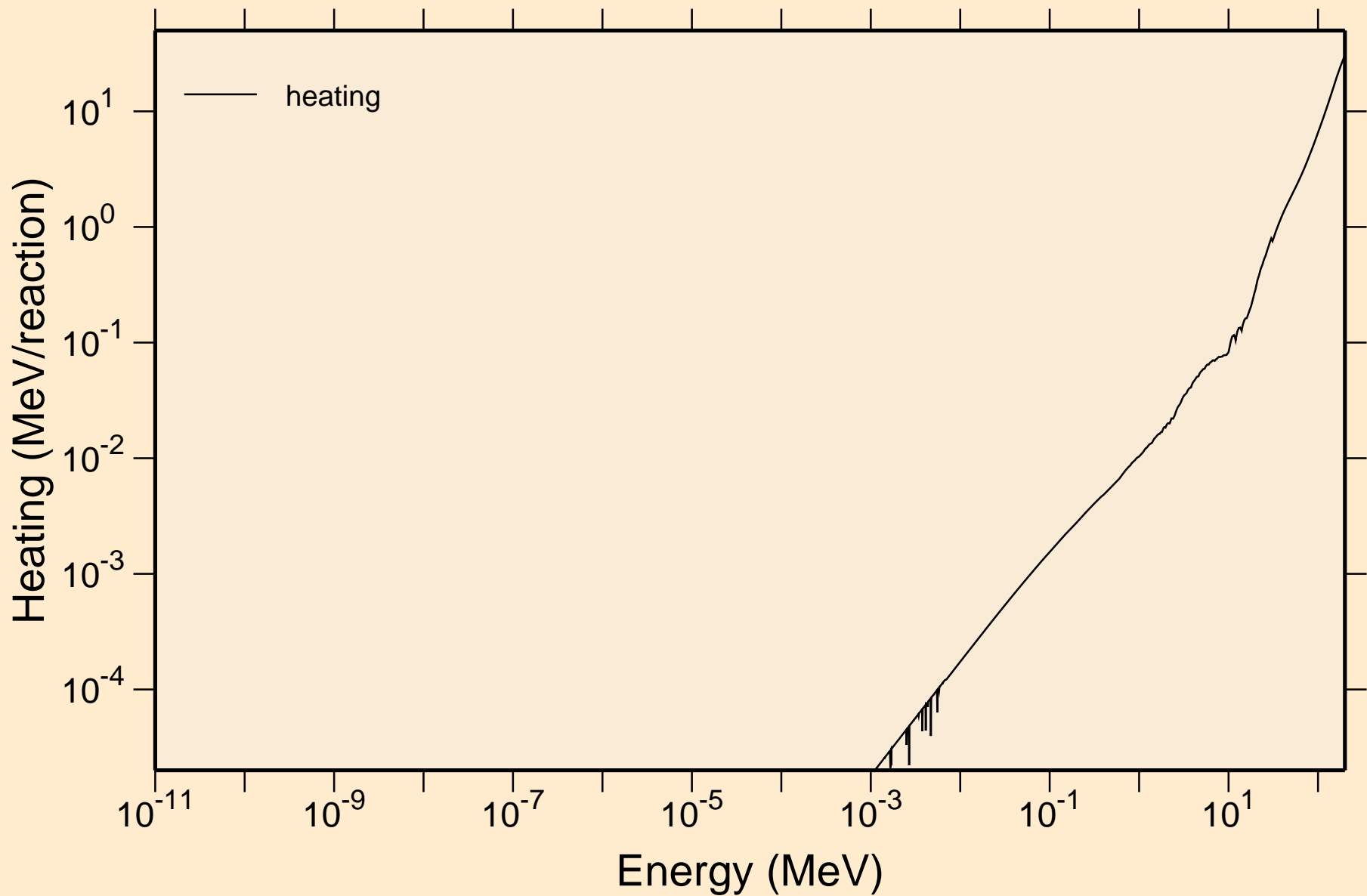




PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

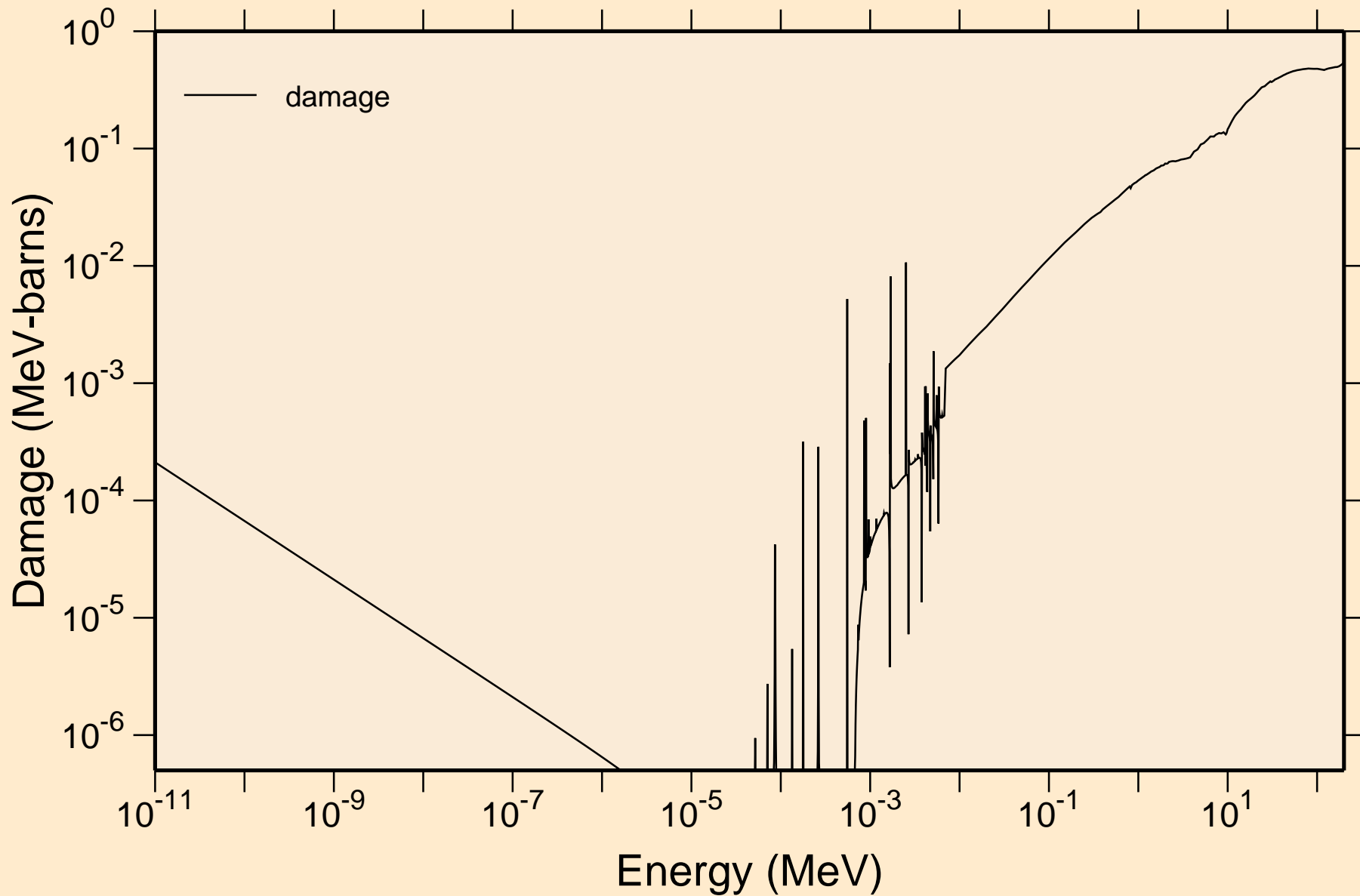


PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

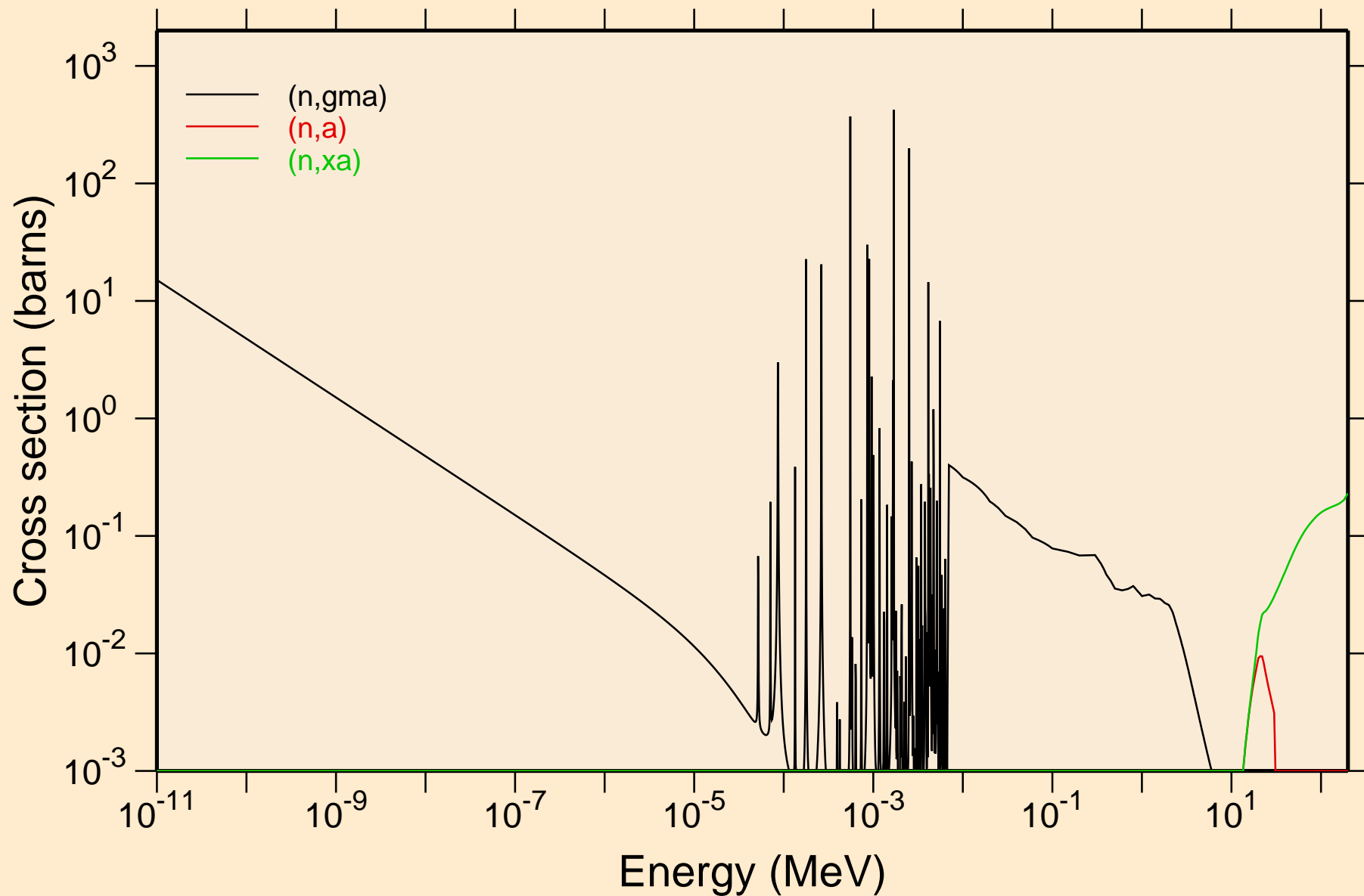


# PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

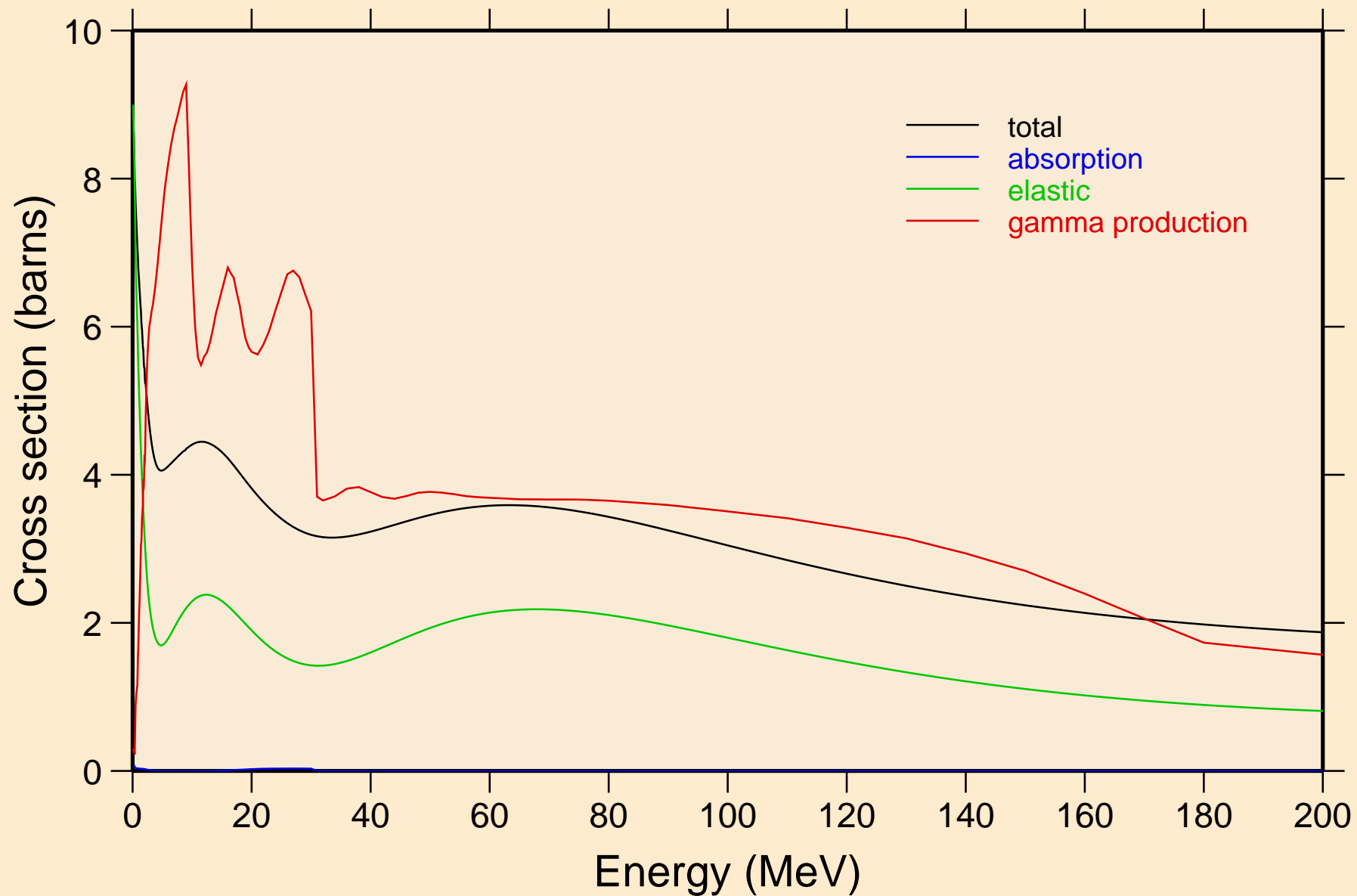
## Damage



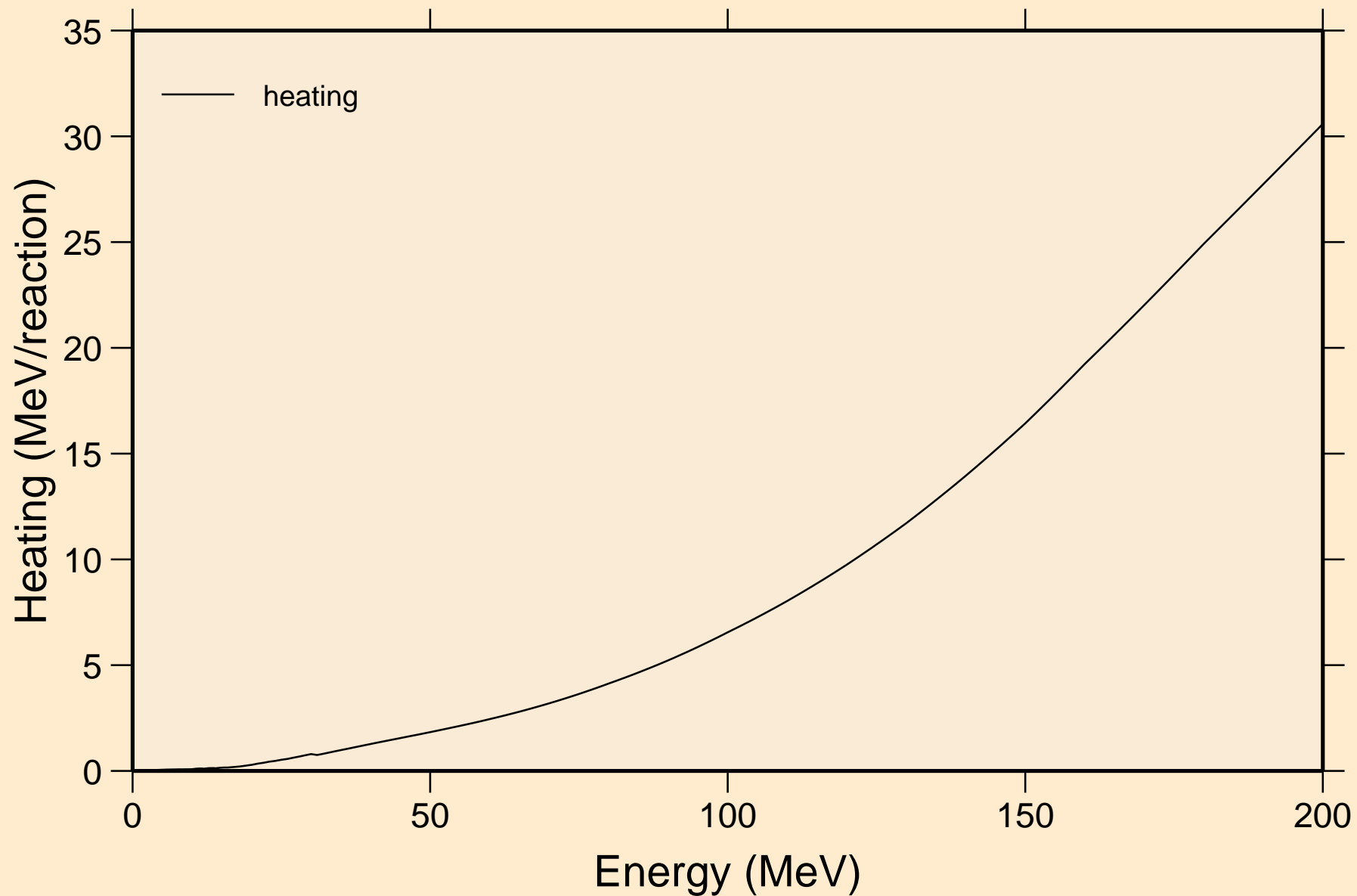
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



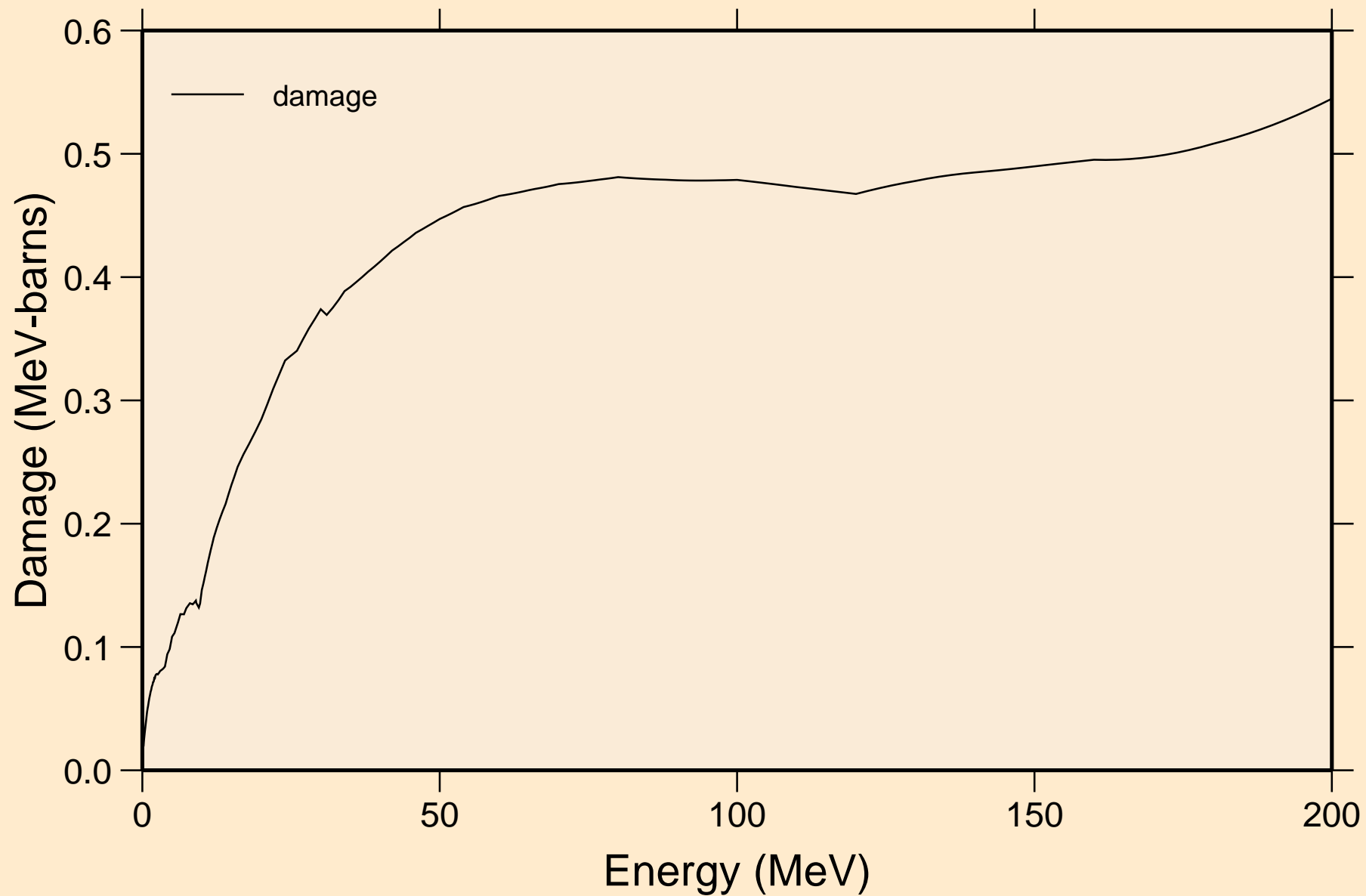
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



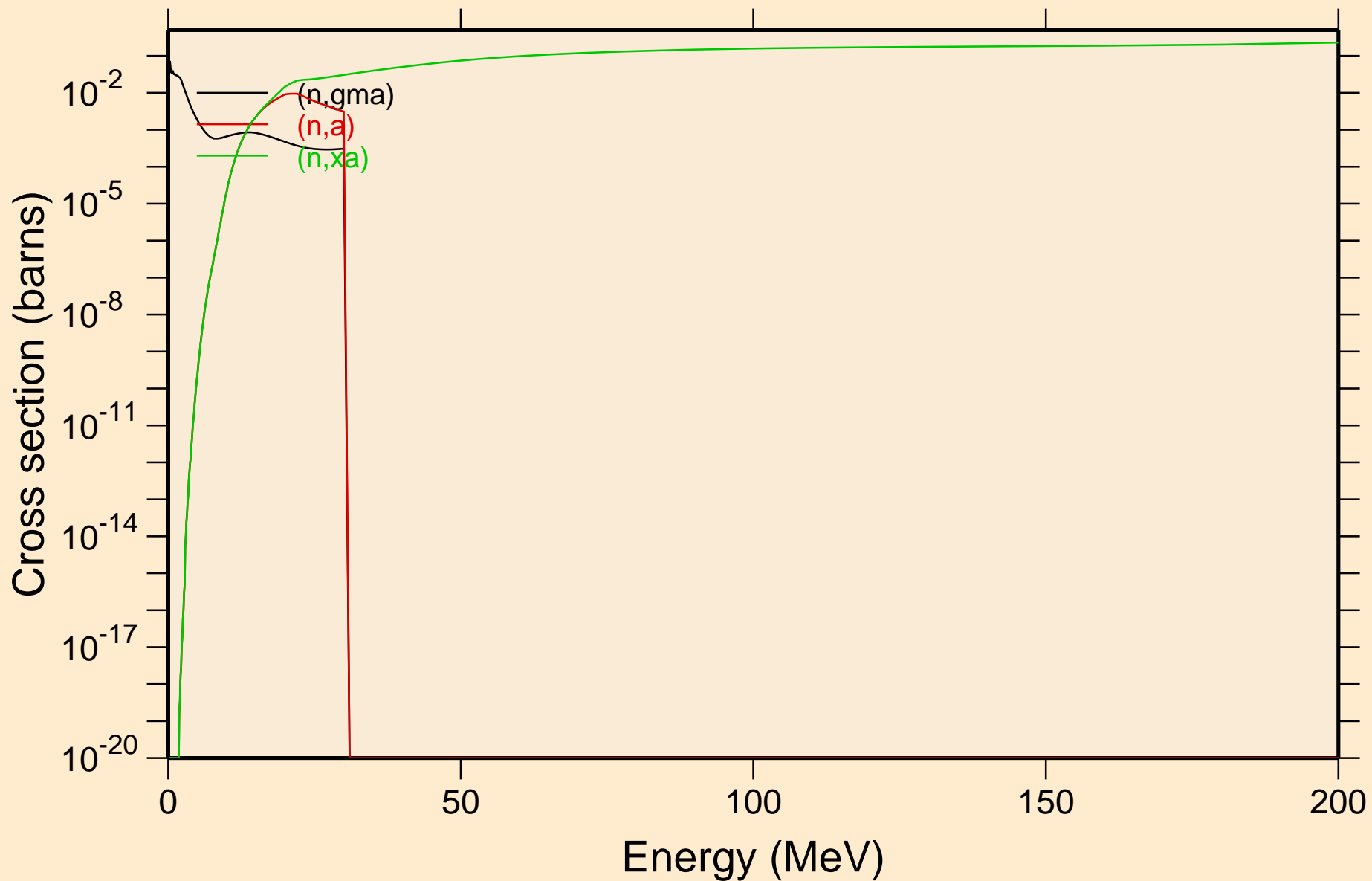
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

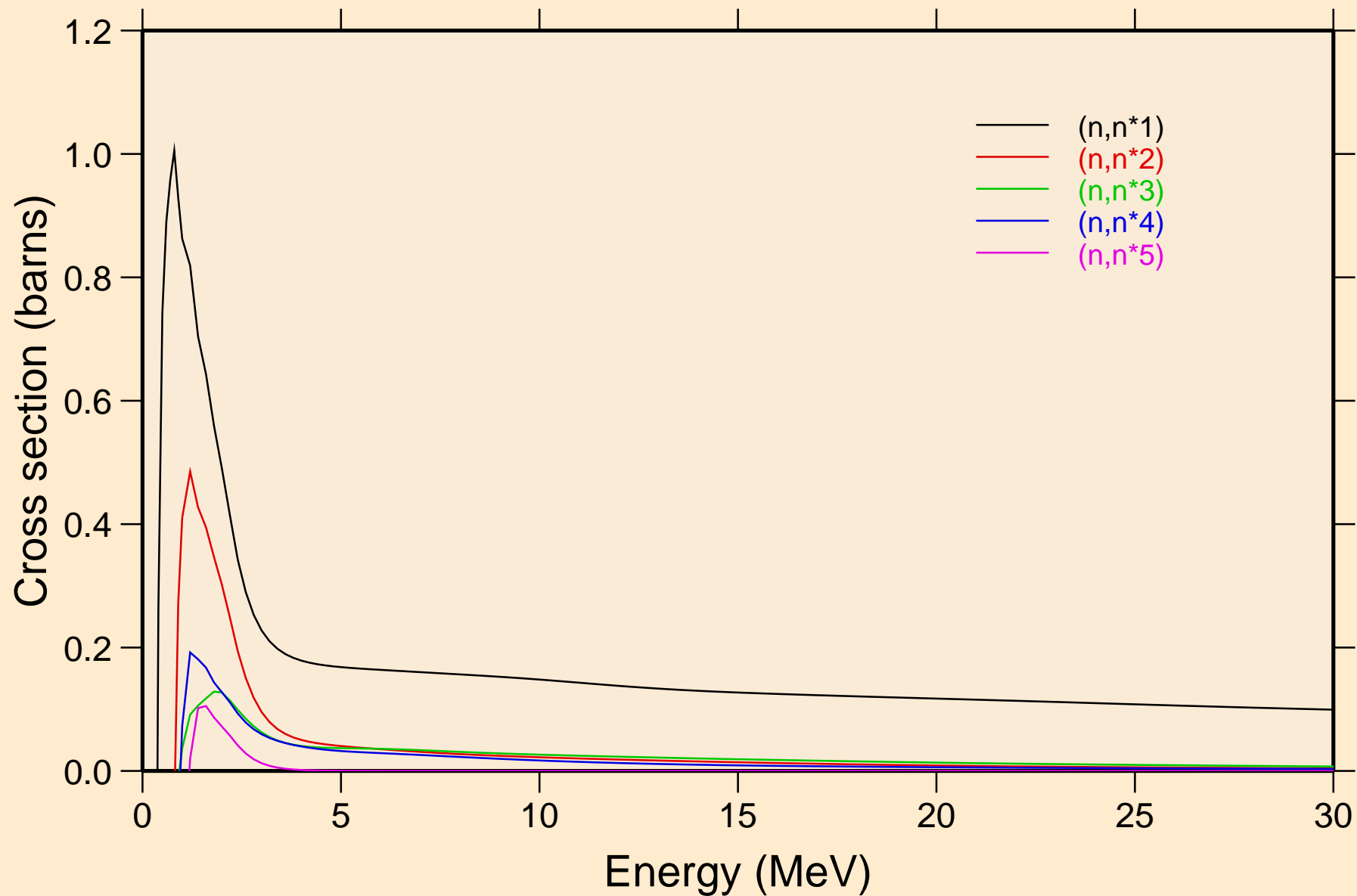


PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

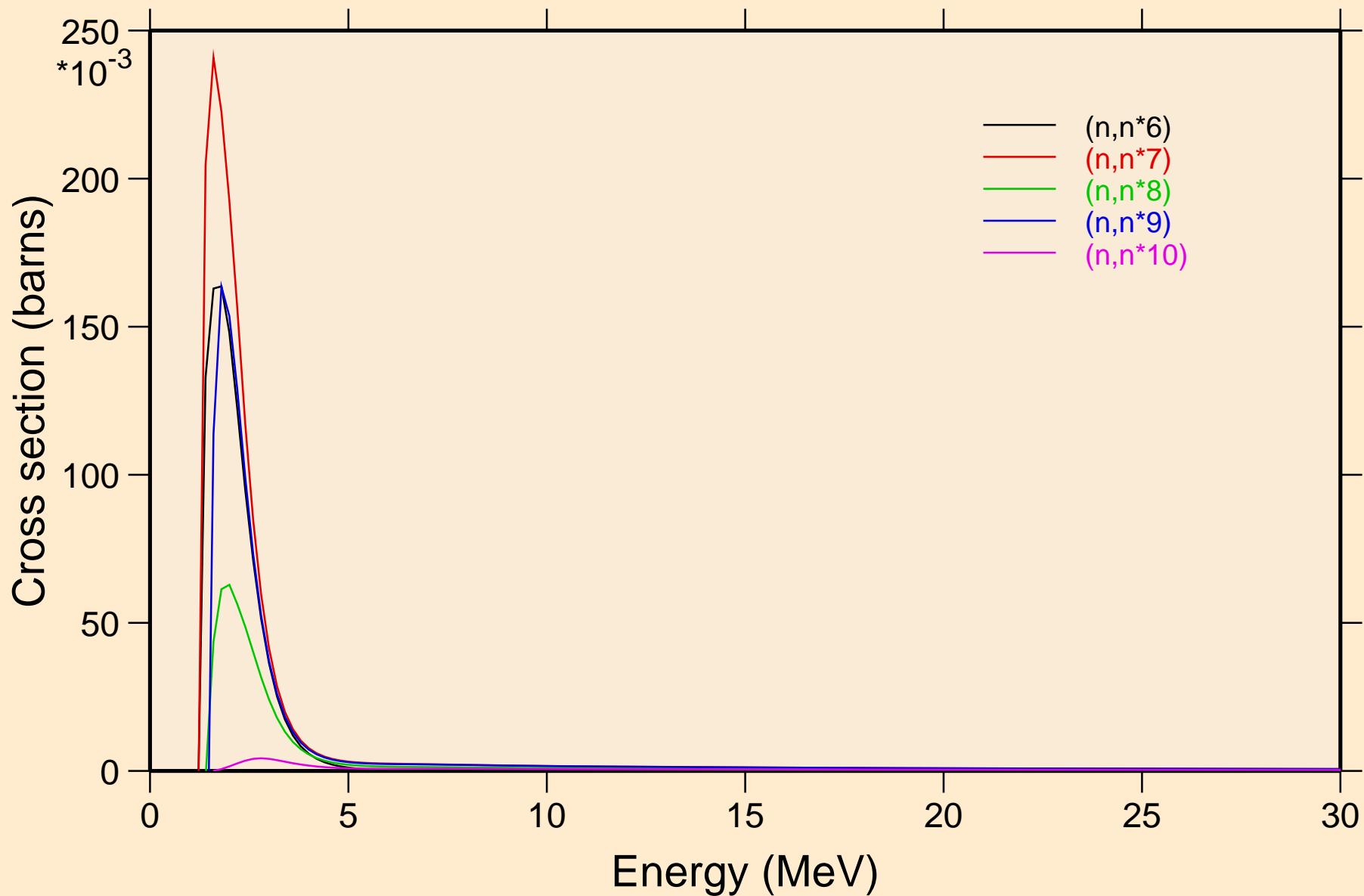




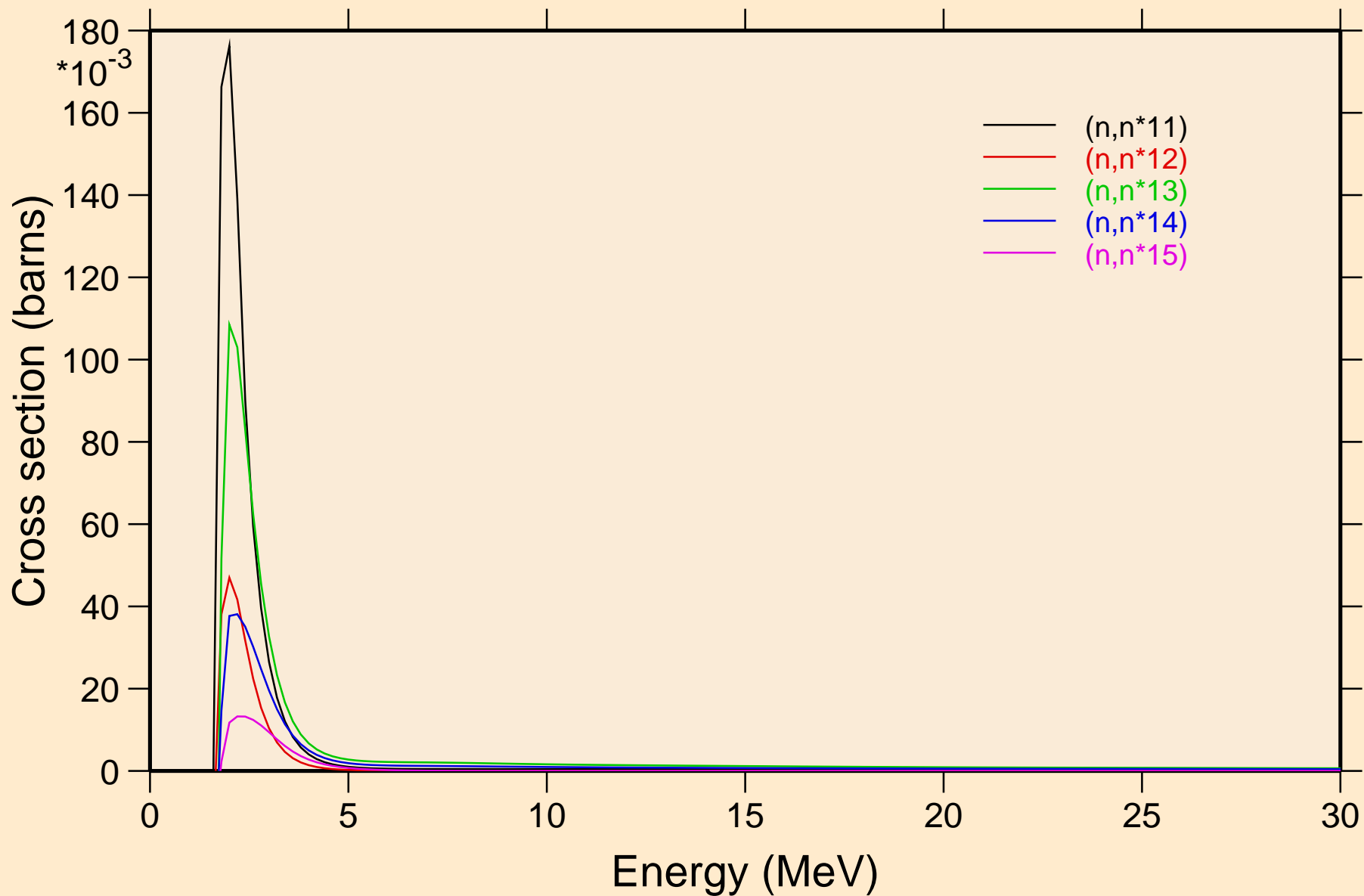
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



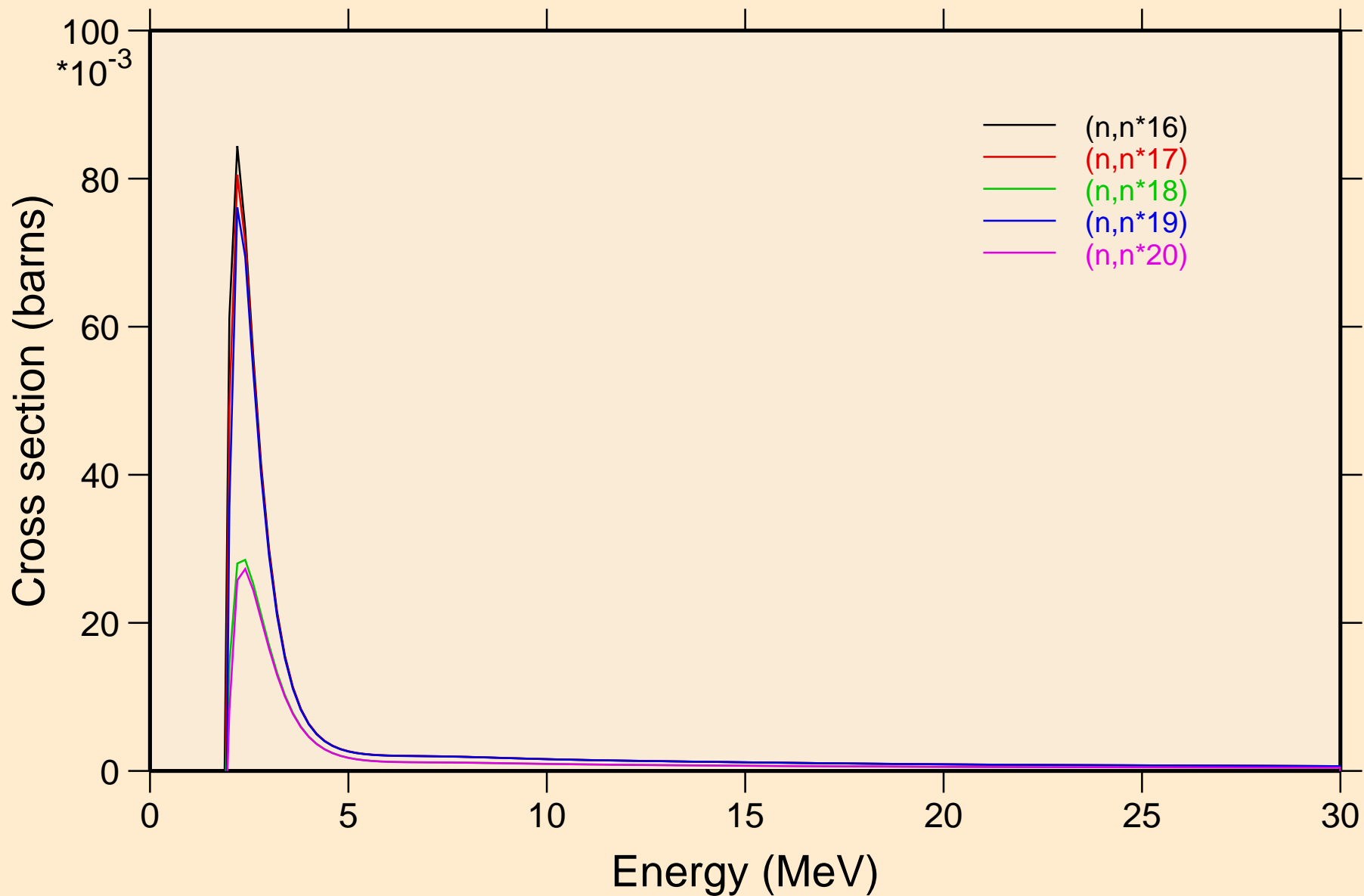
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



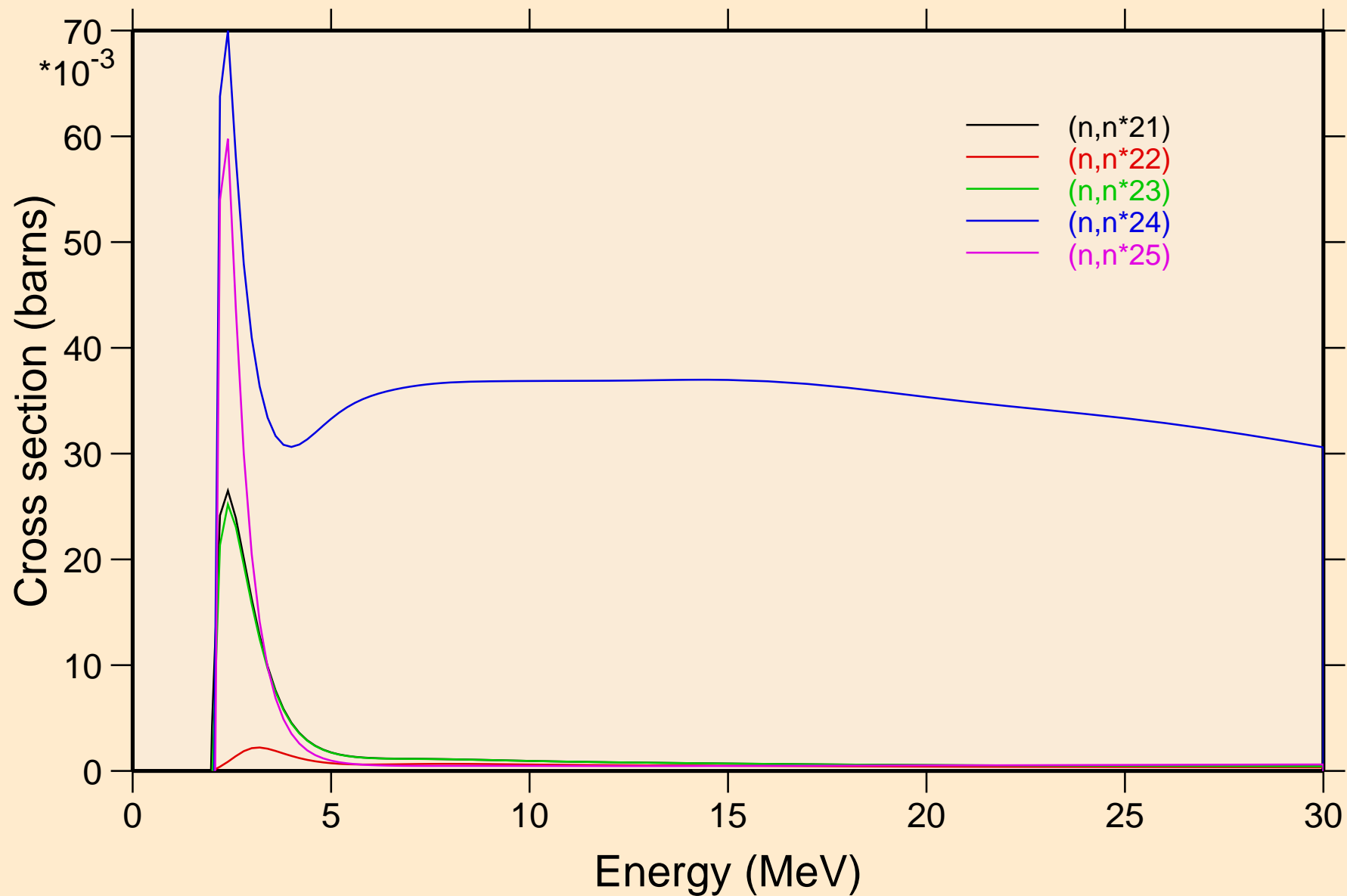
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



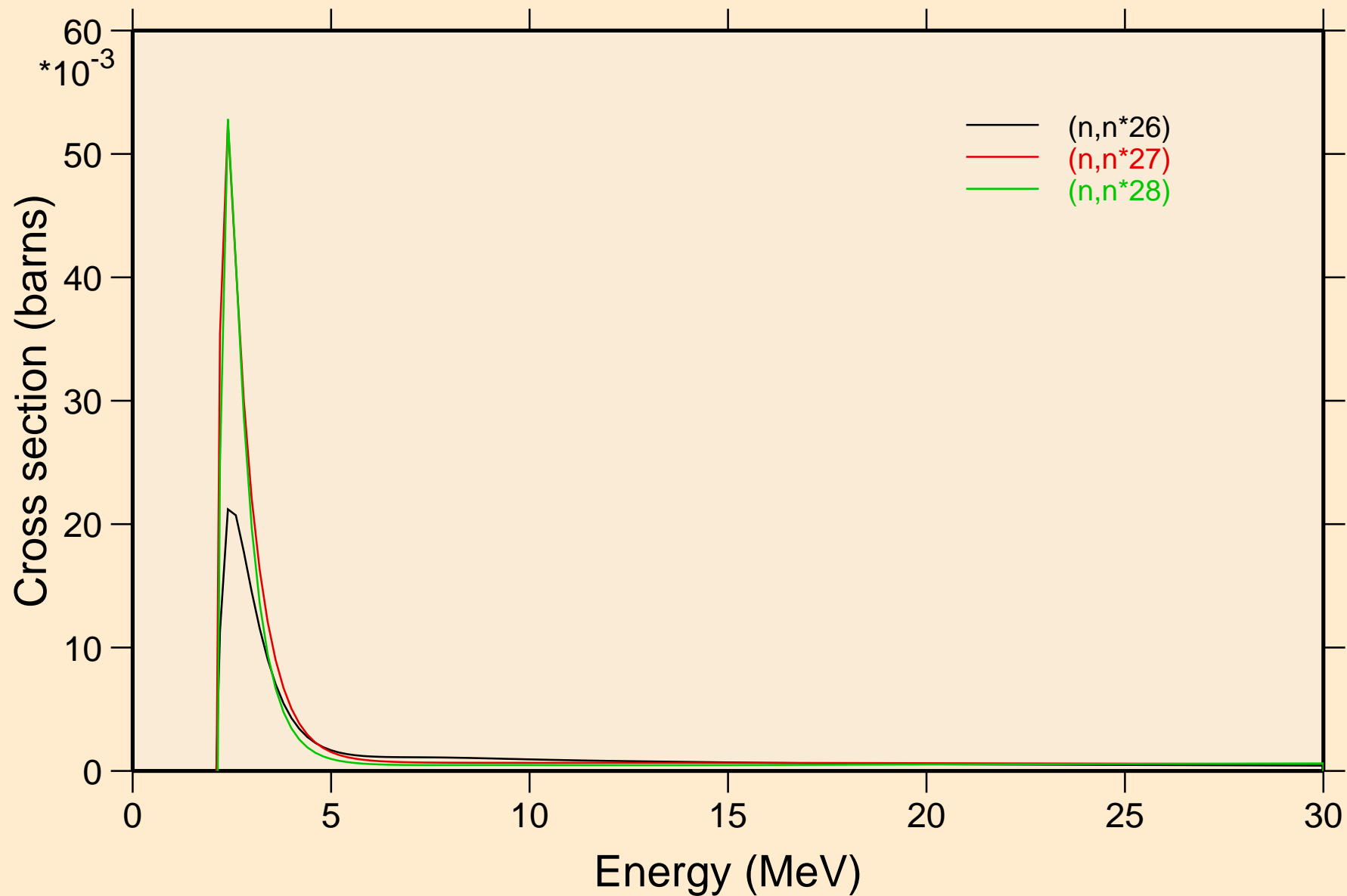
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Inelastic levels



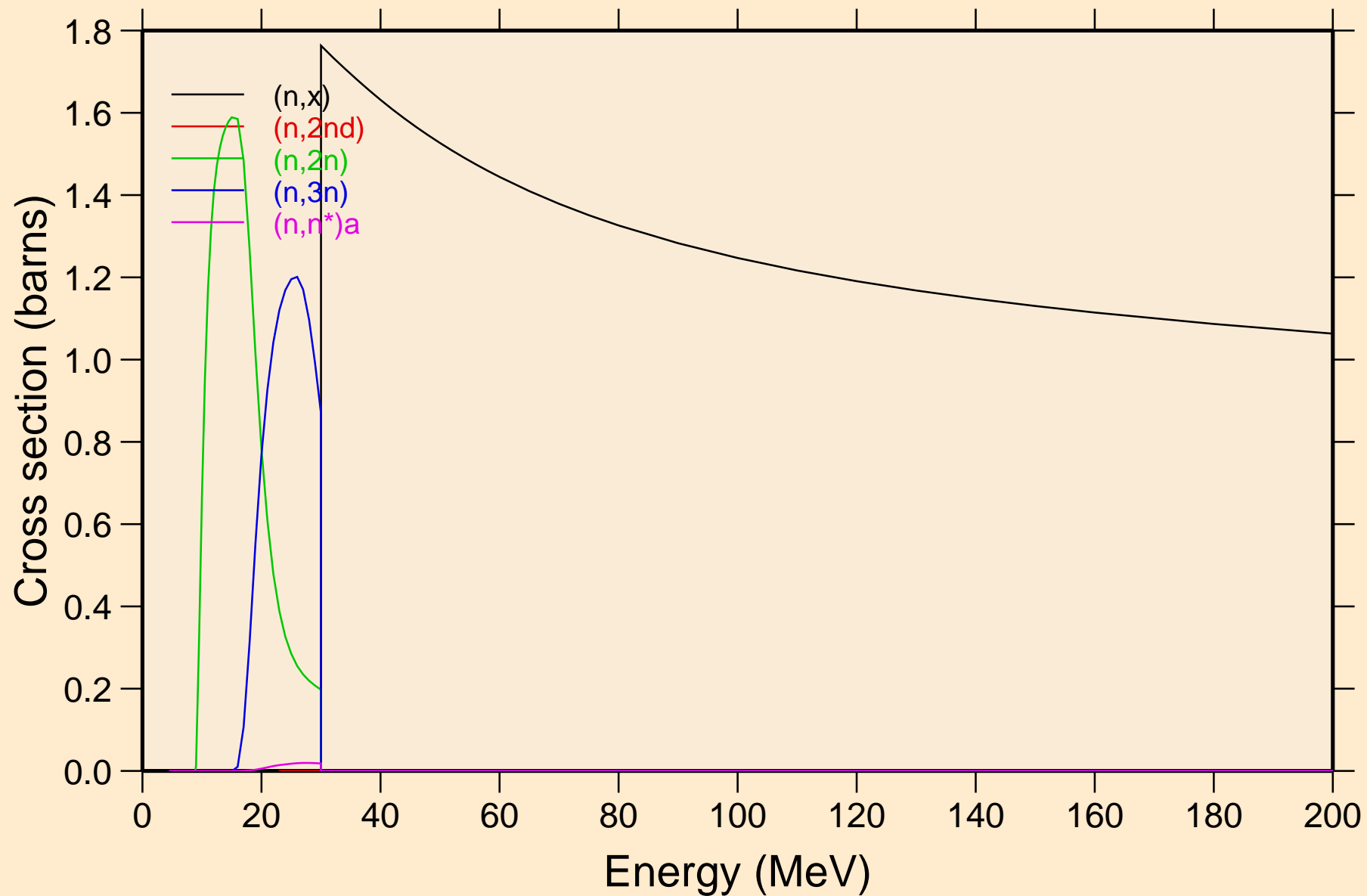
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



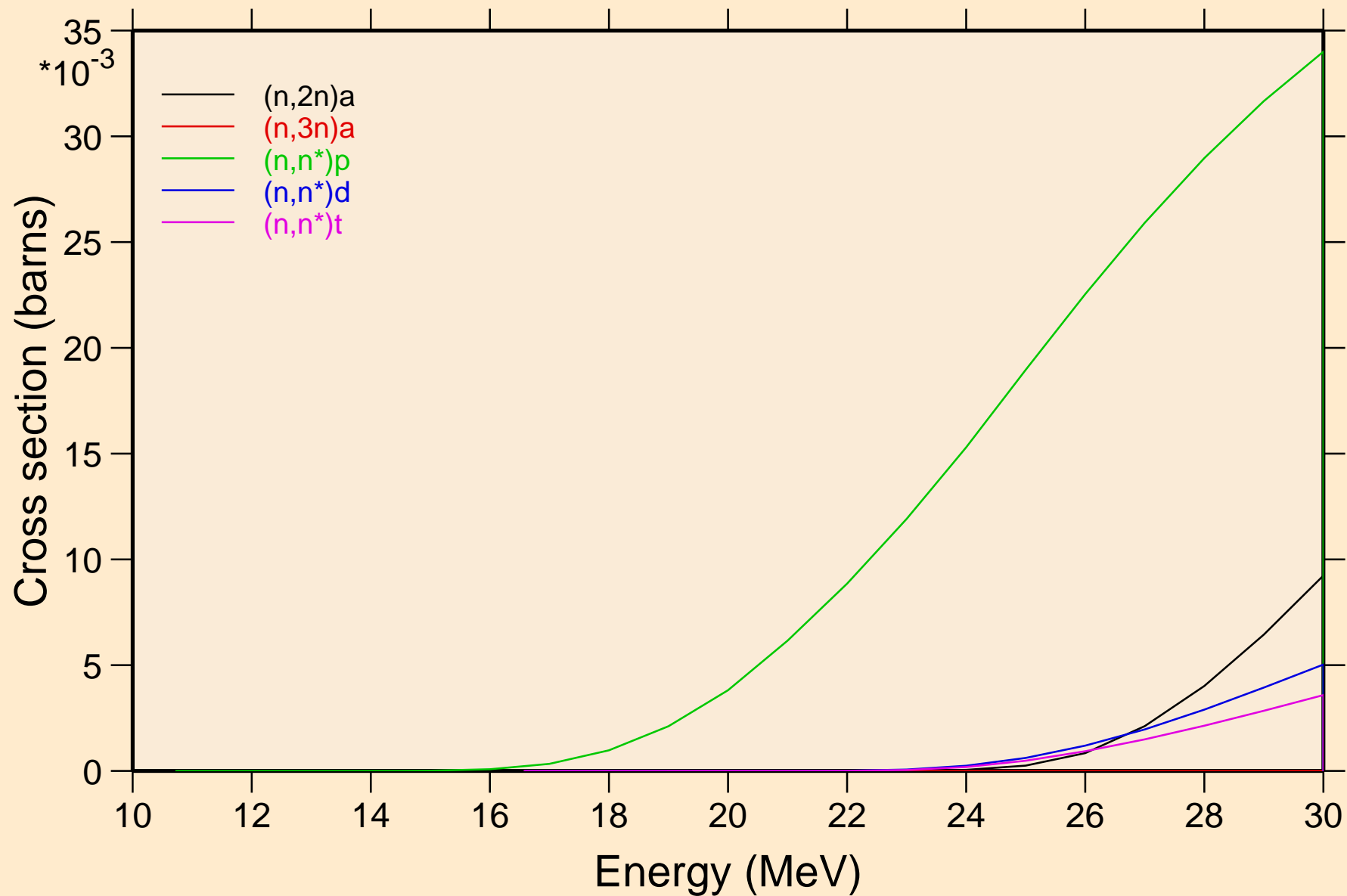
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

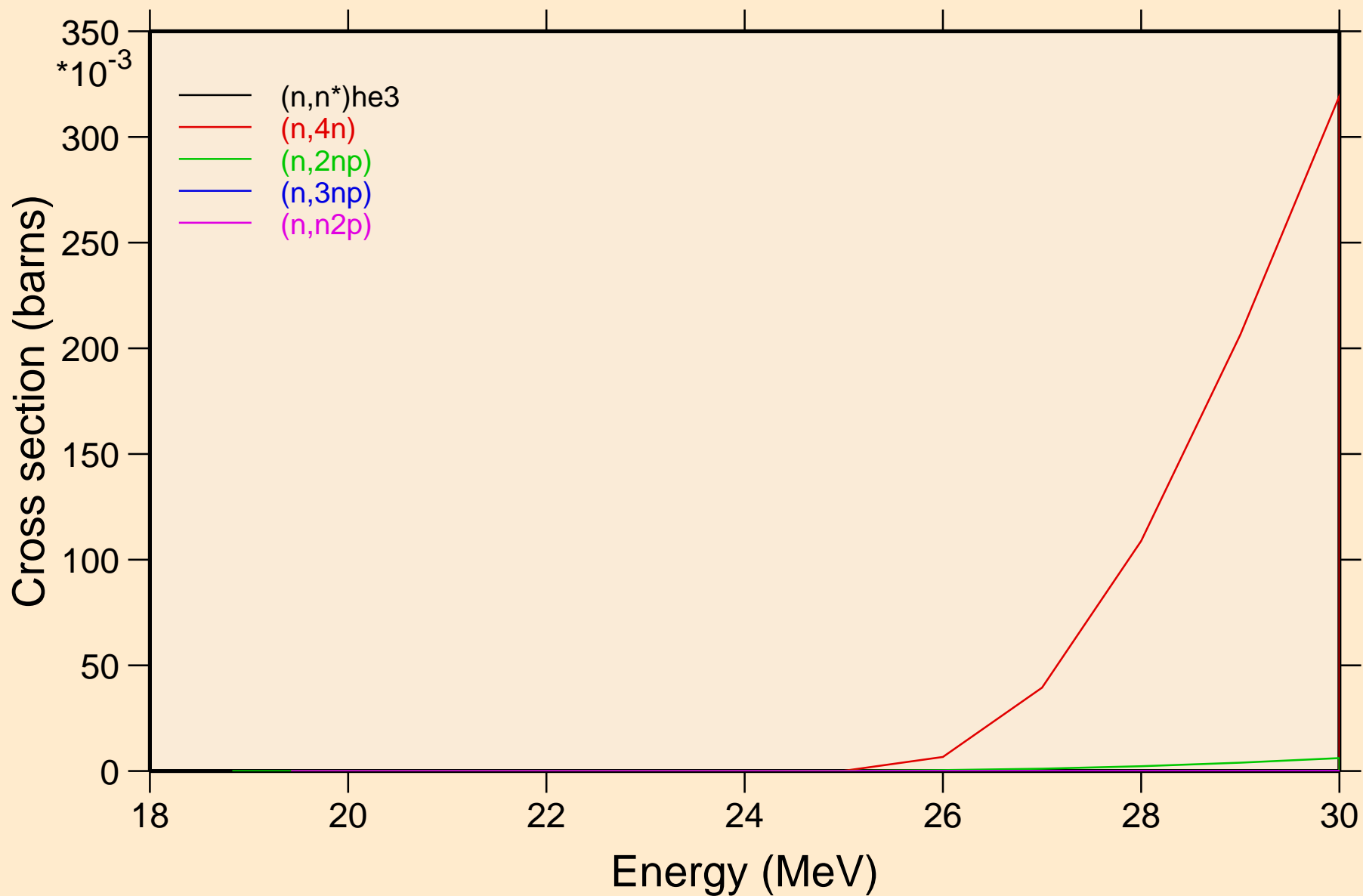


PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

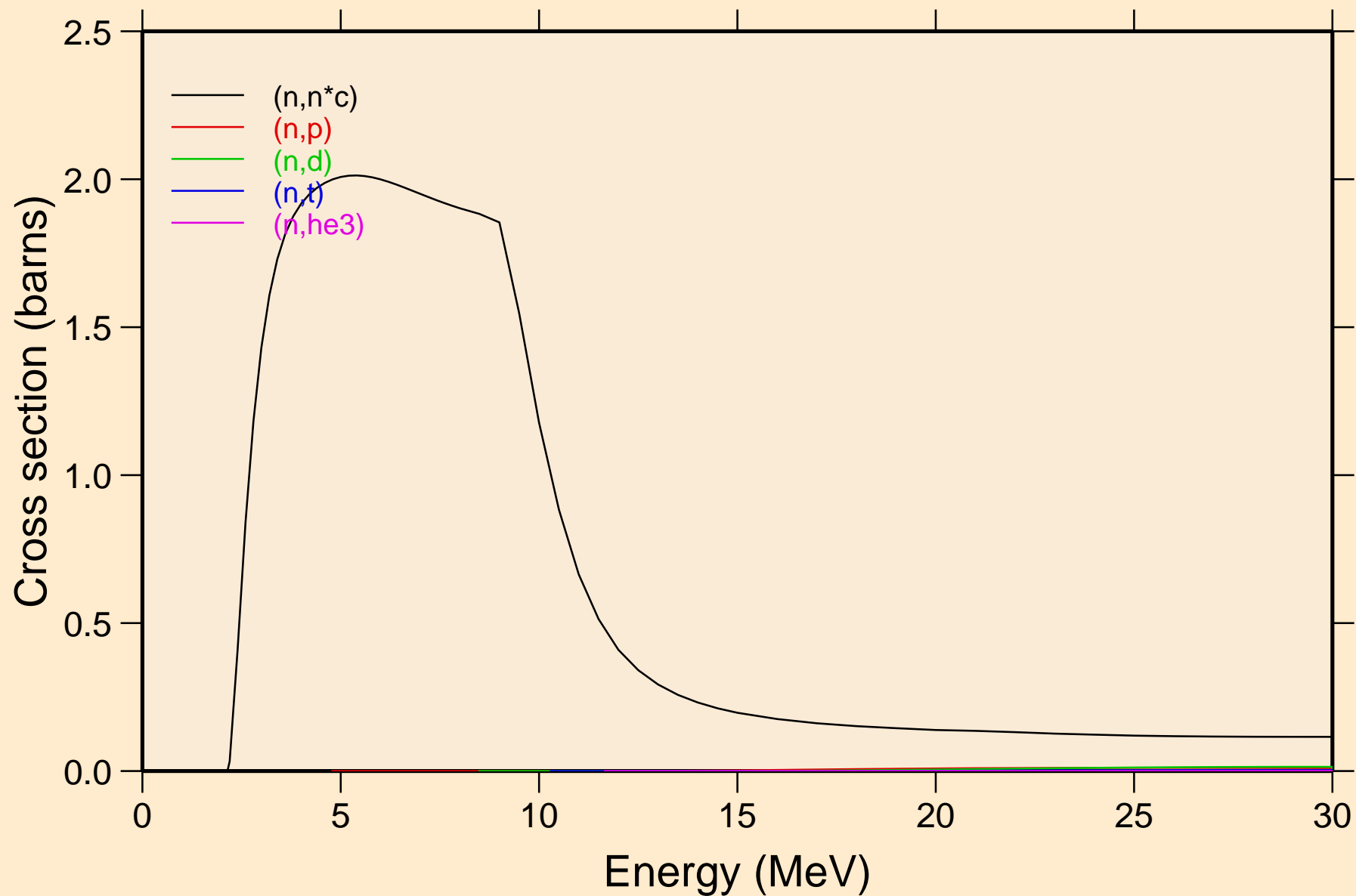




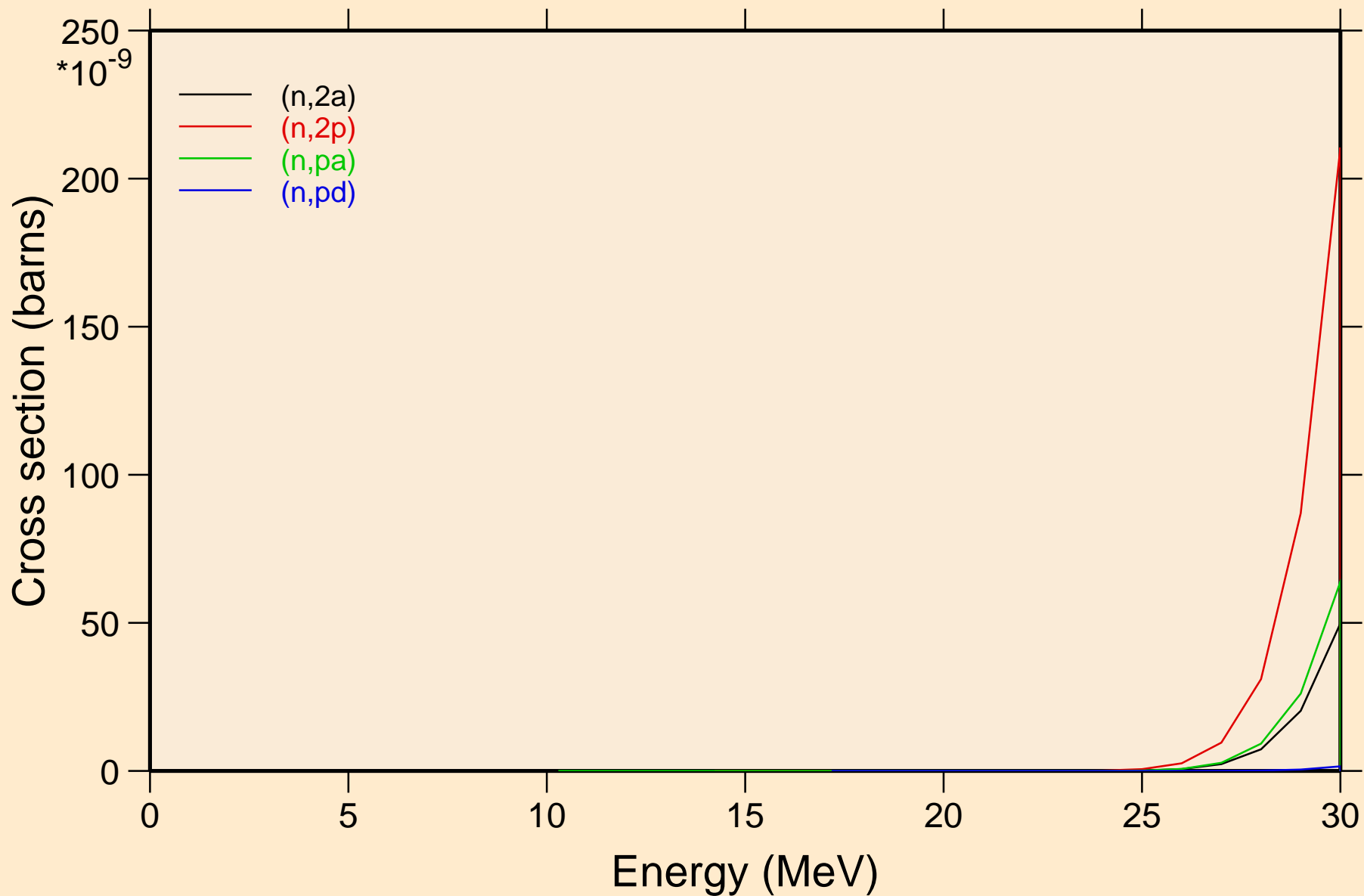
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



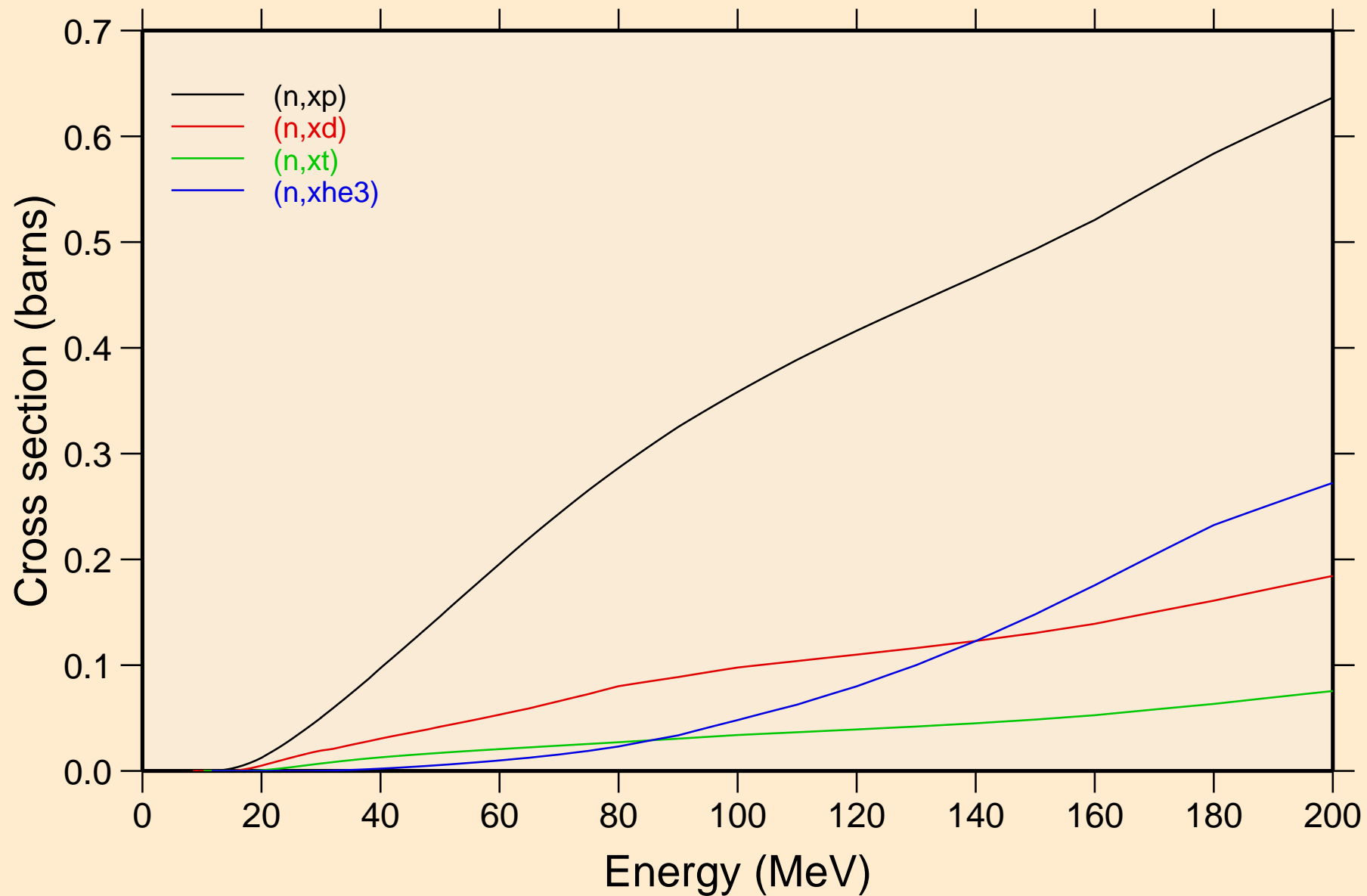
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



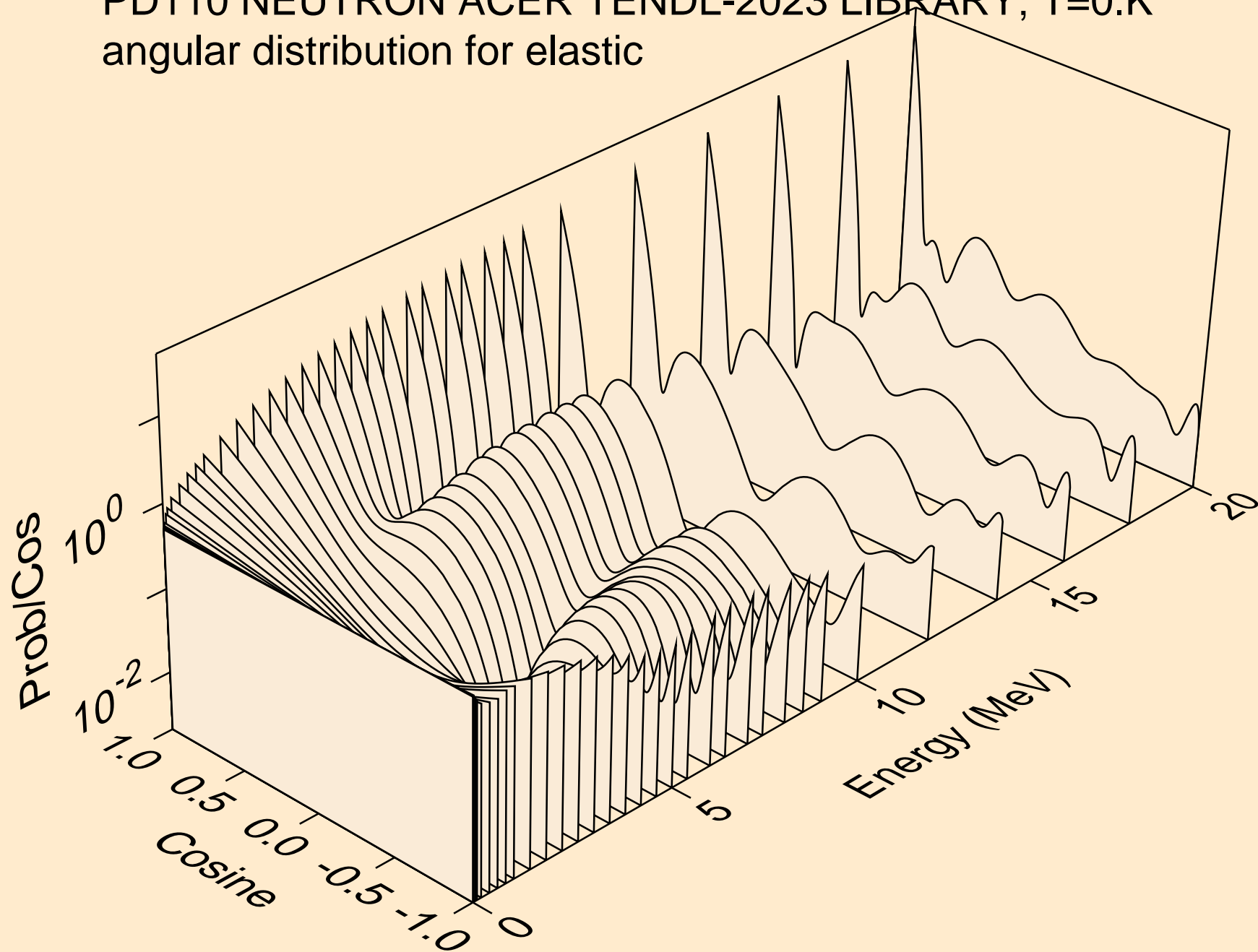
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



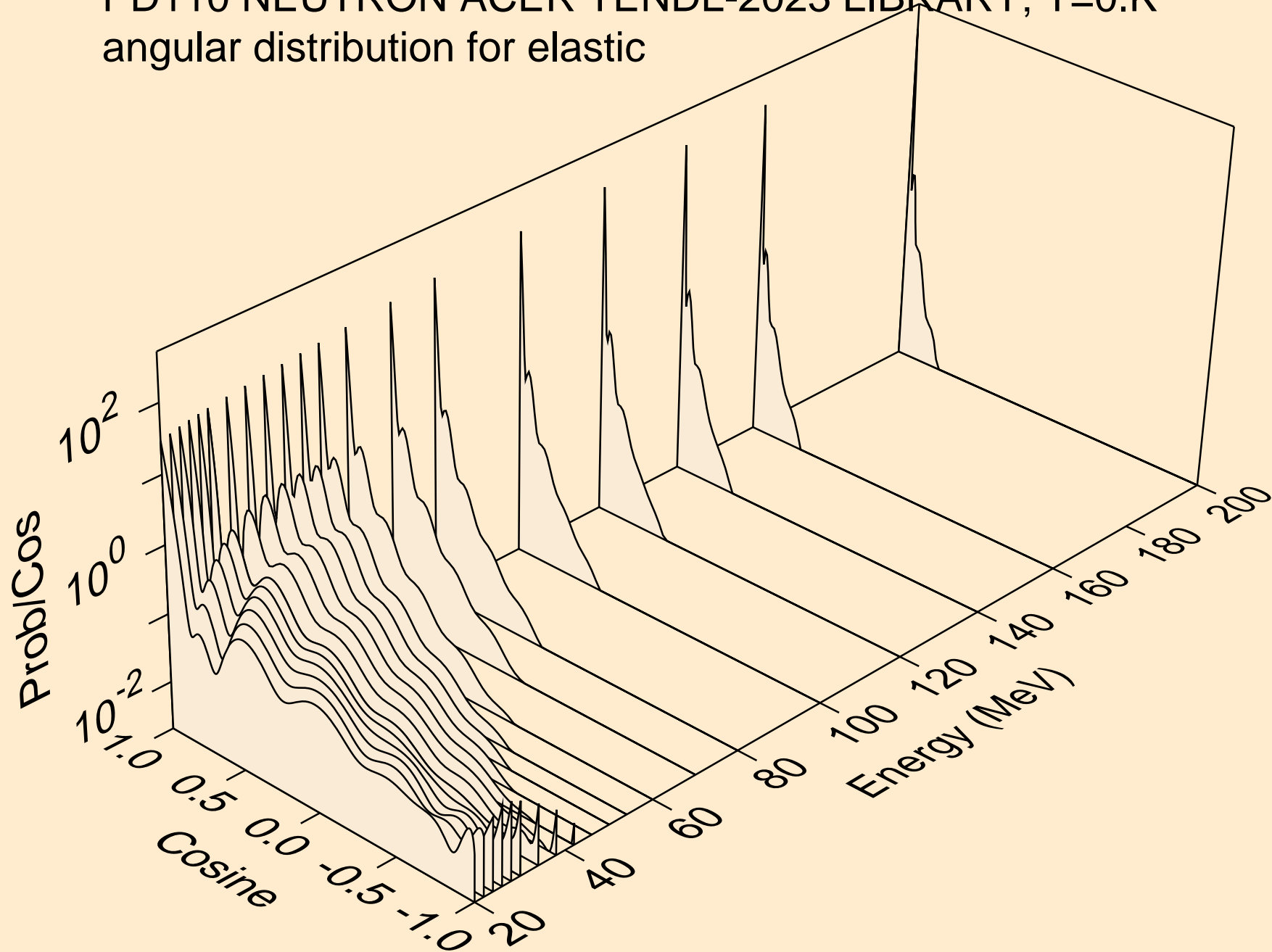
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



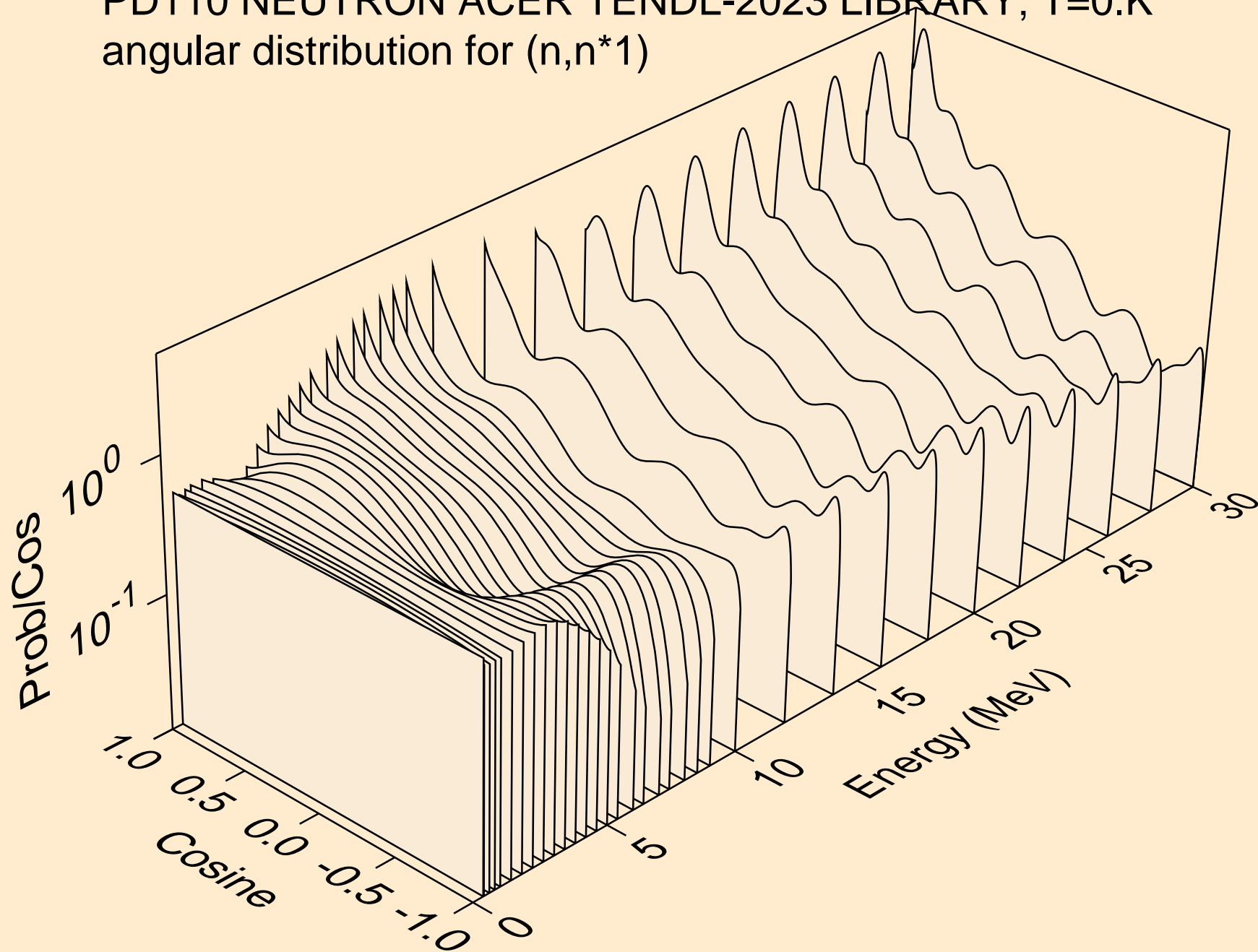
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



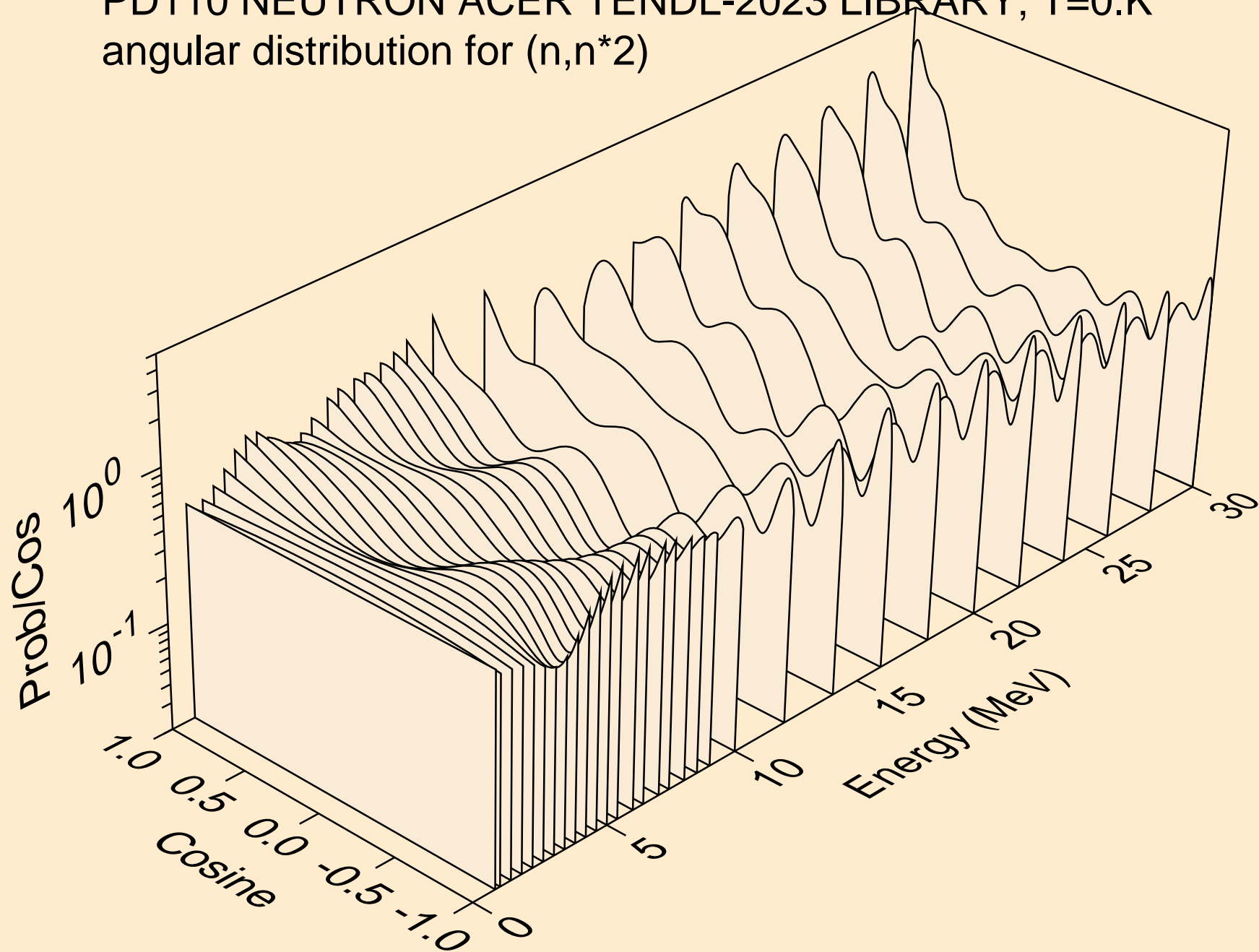
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

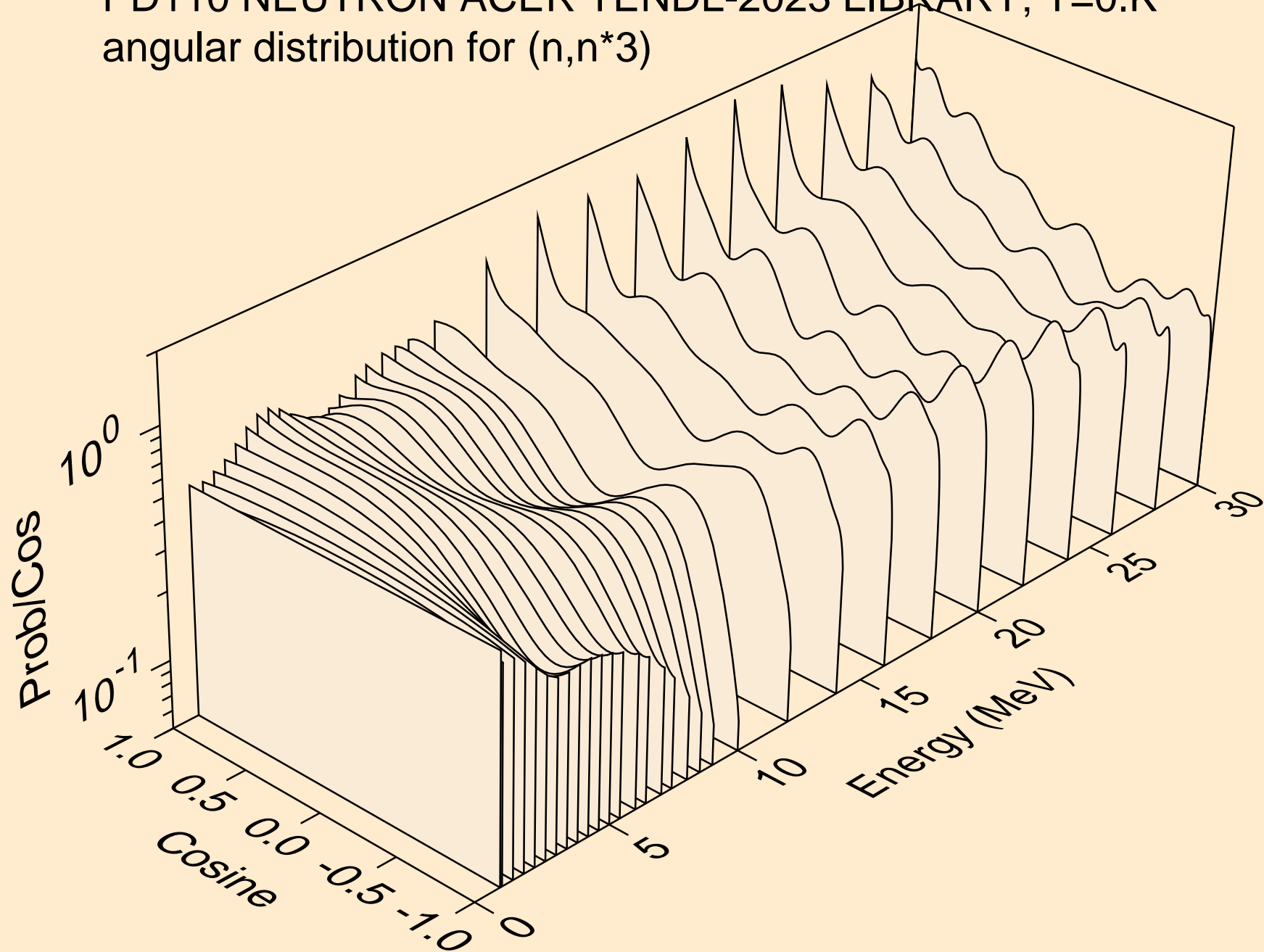


PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

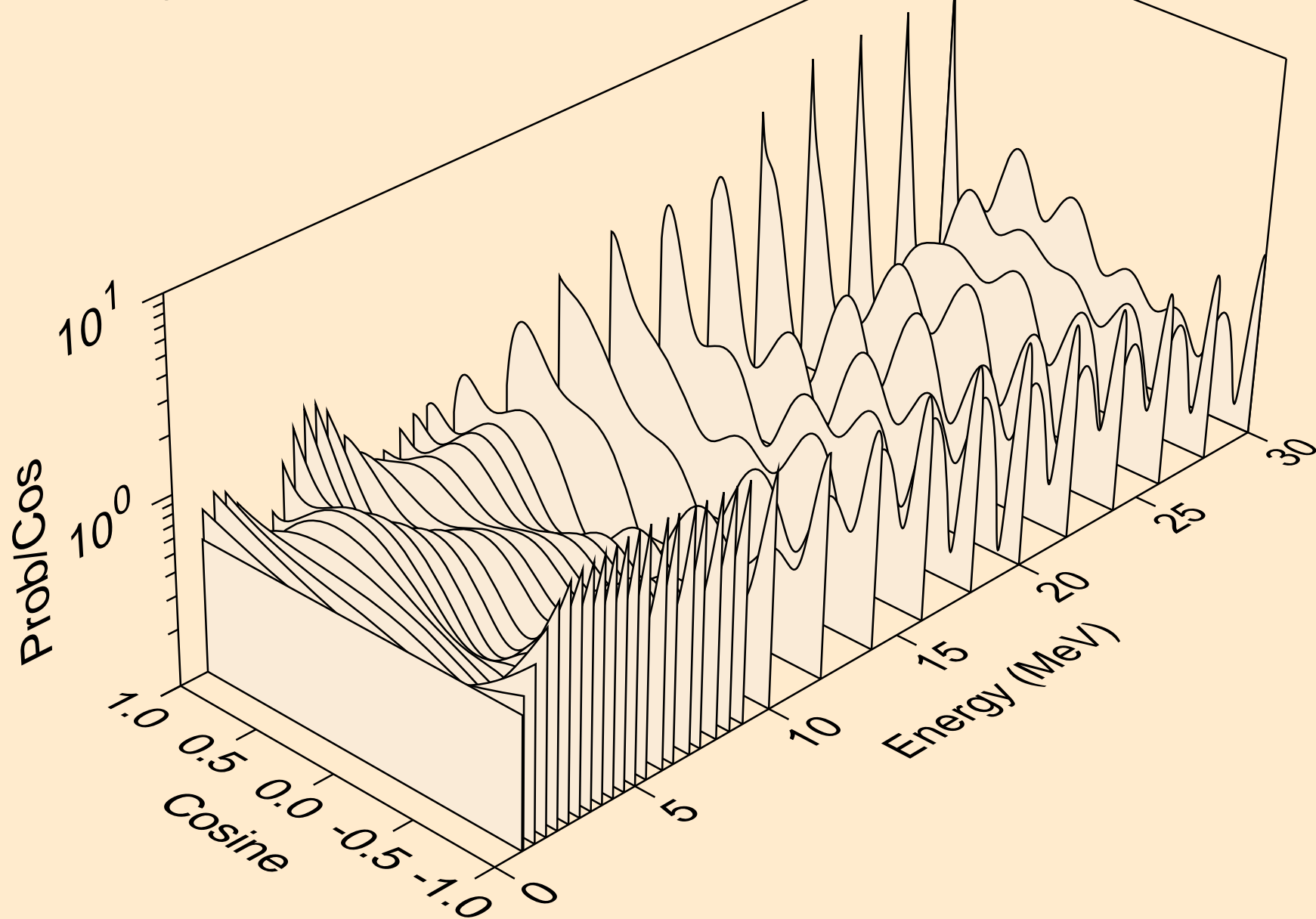




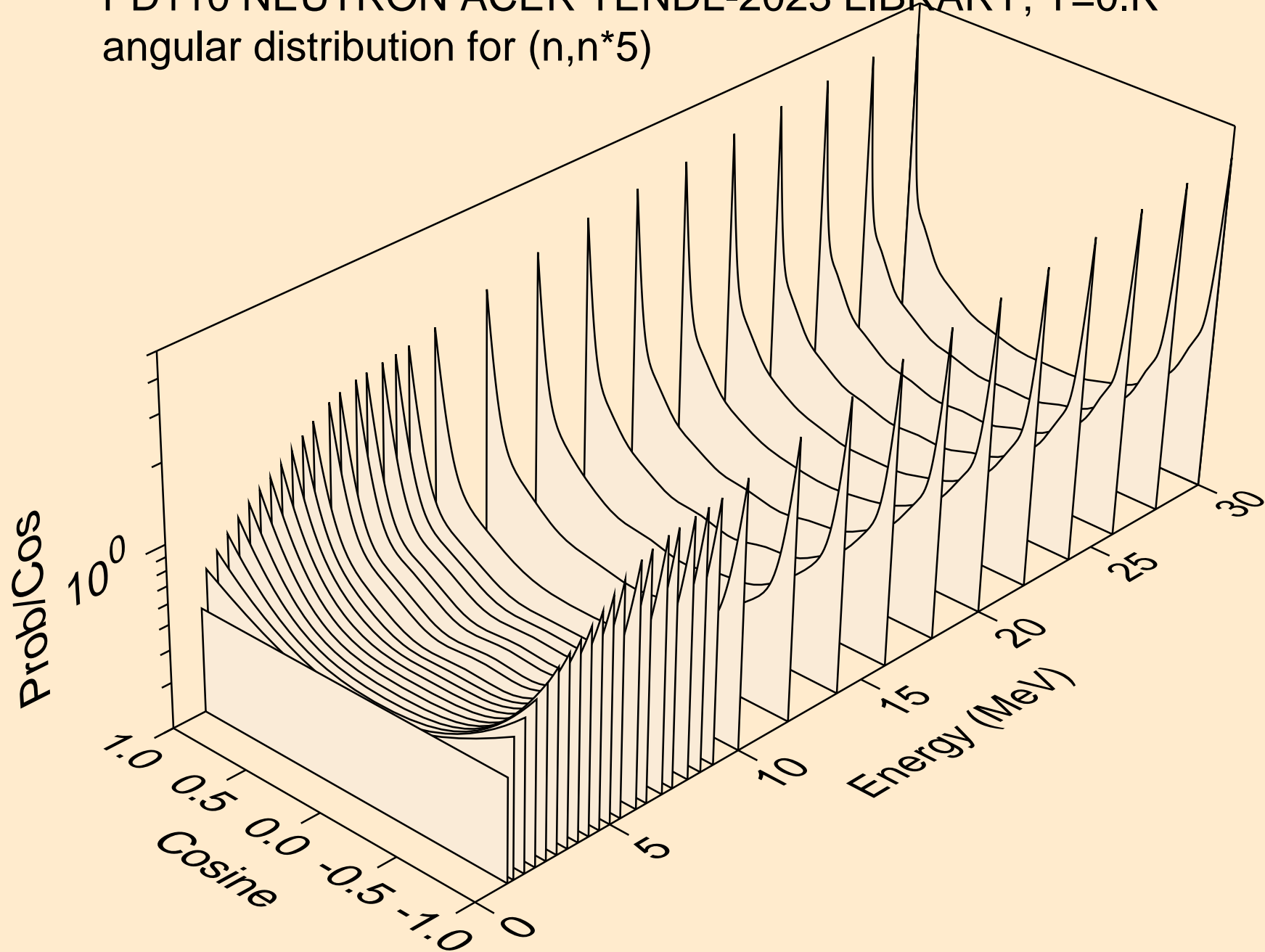
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angular distribution for (n,n\*3)



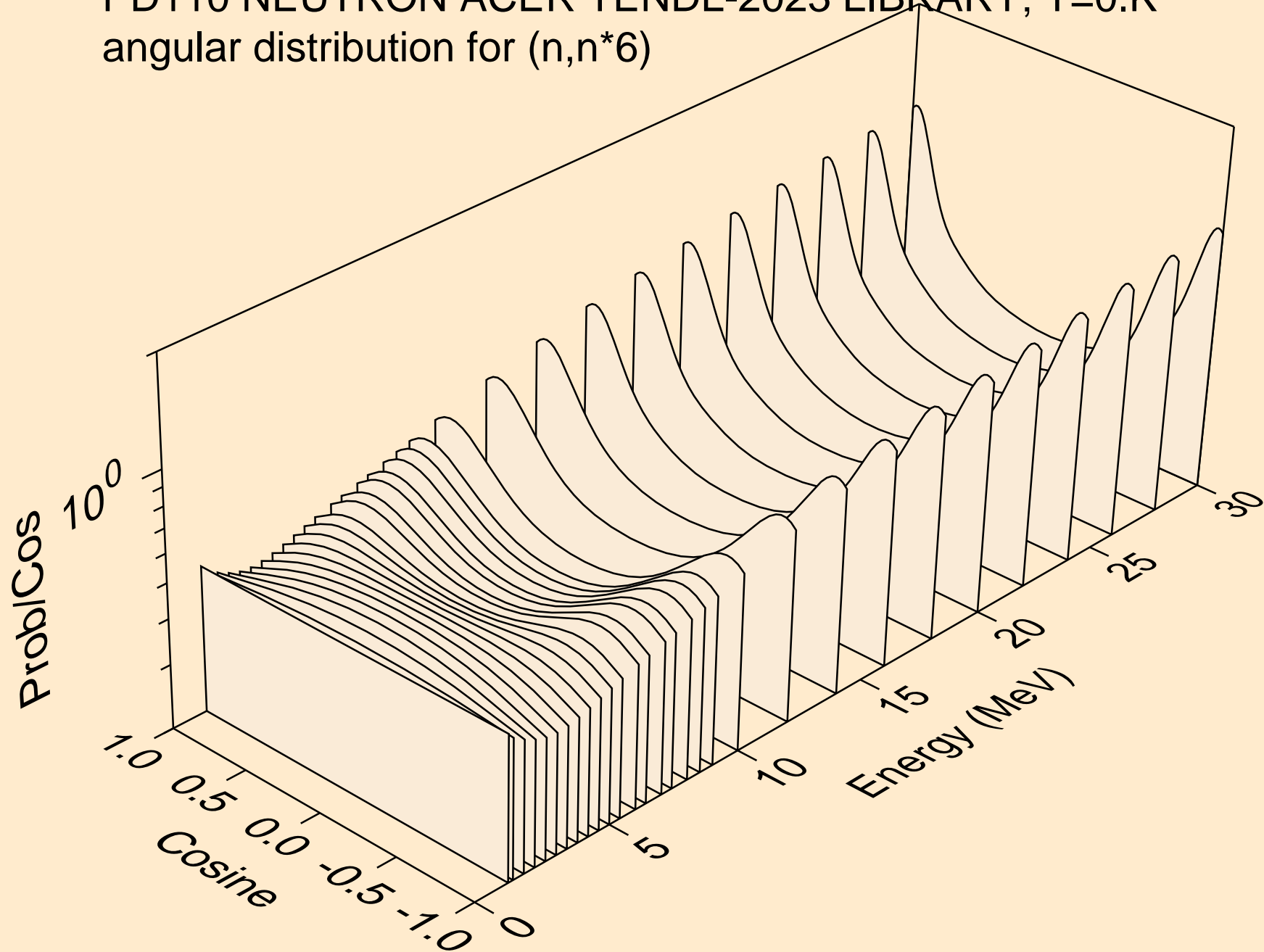
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angular distribution for (n,n\*4)



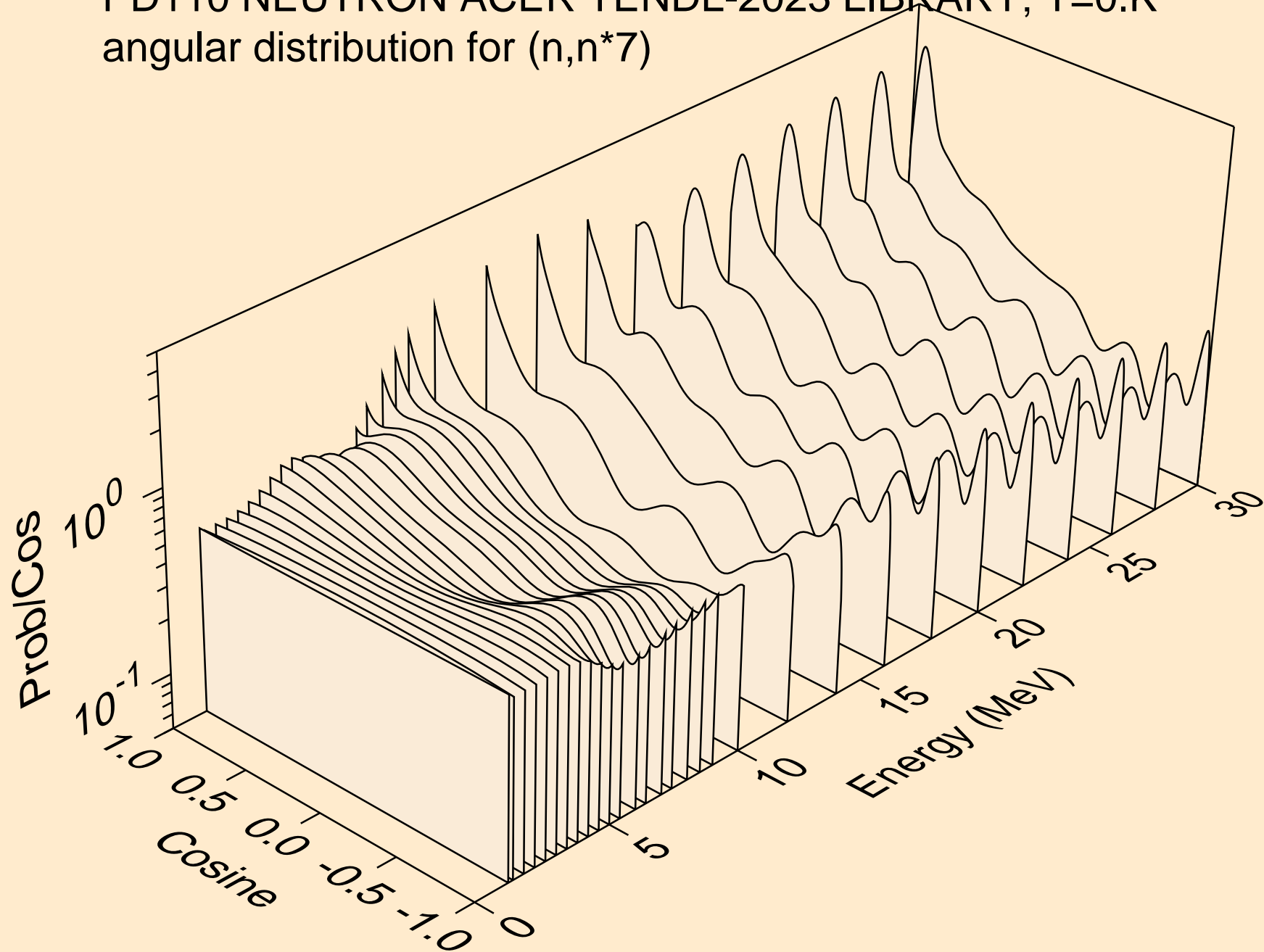
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angular distribution for (n,n\*5)



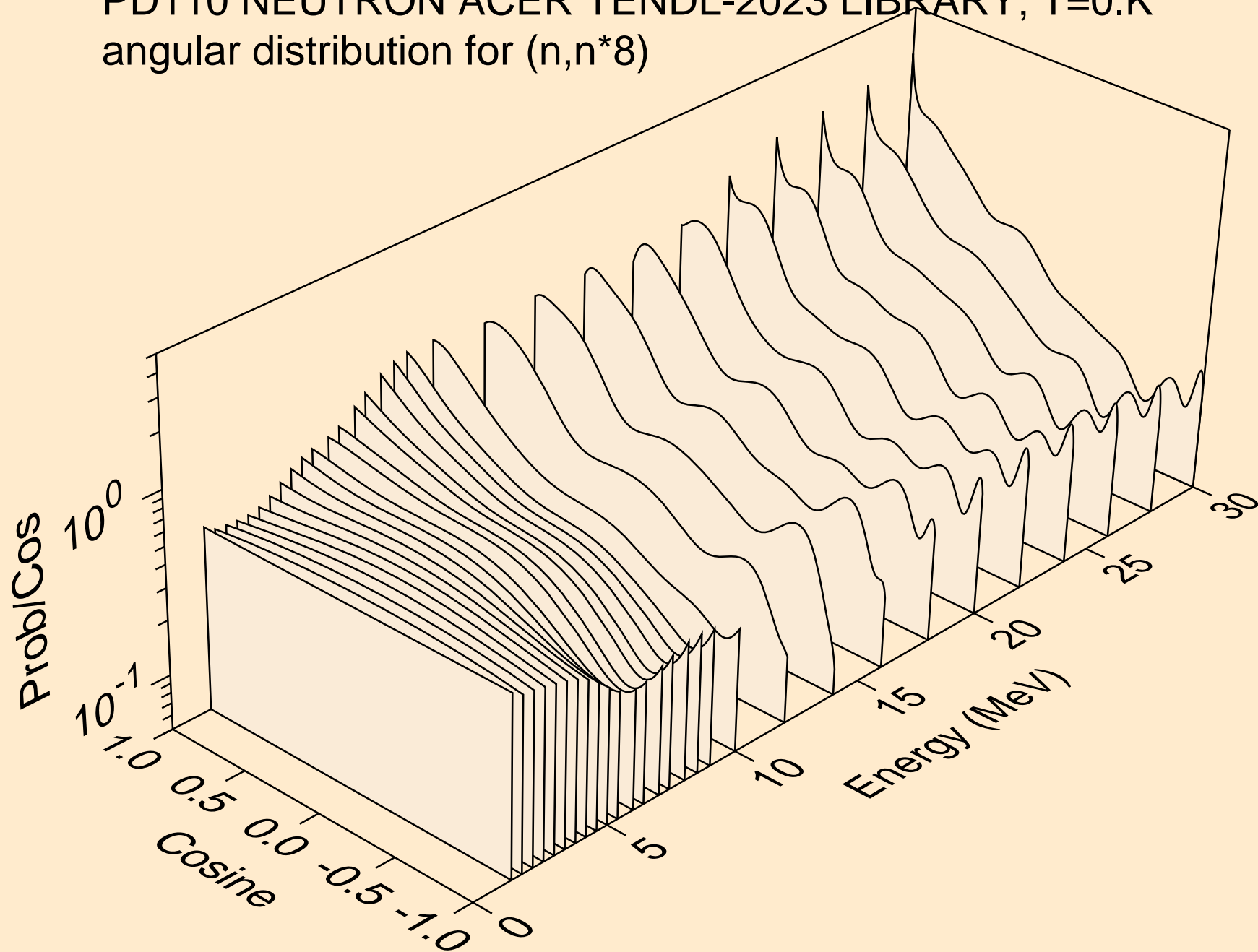
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angular distribution for (n,n\*6)



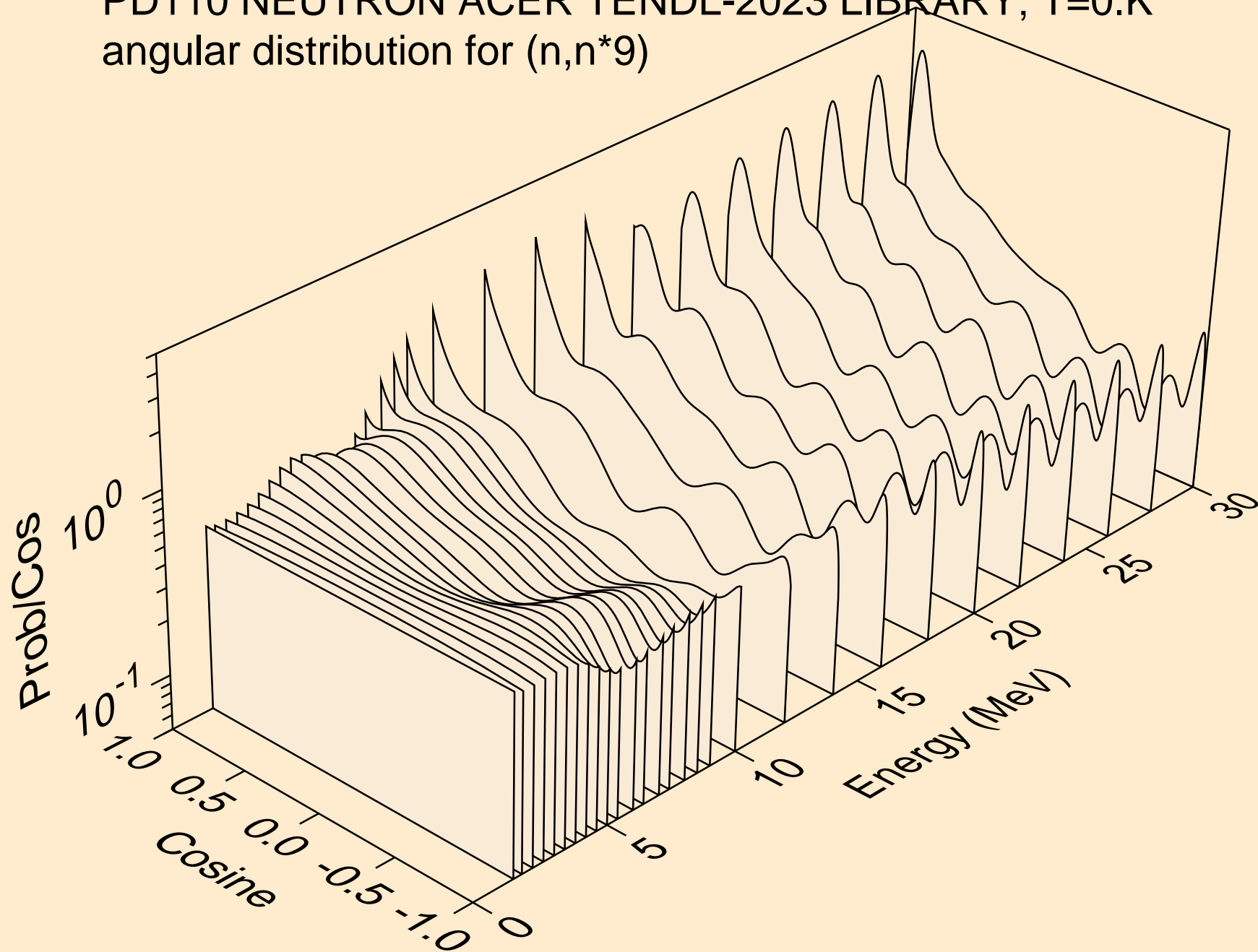
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angular distribution for (n,n\*7)



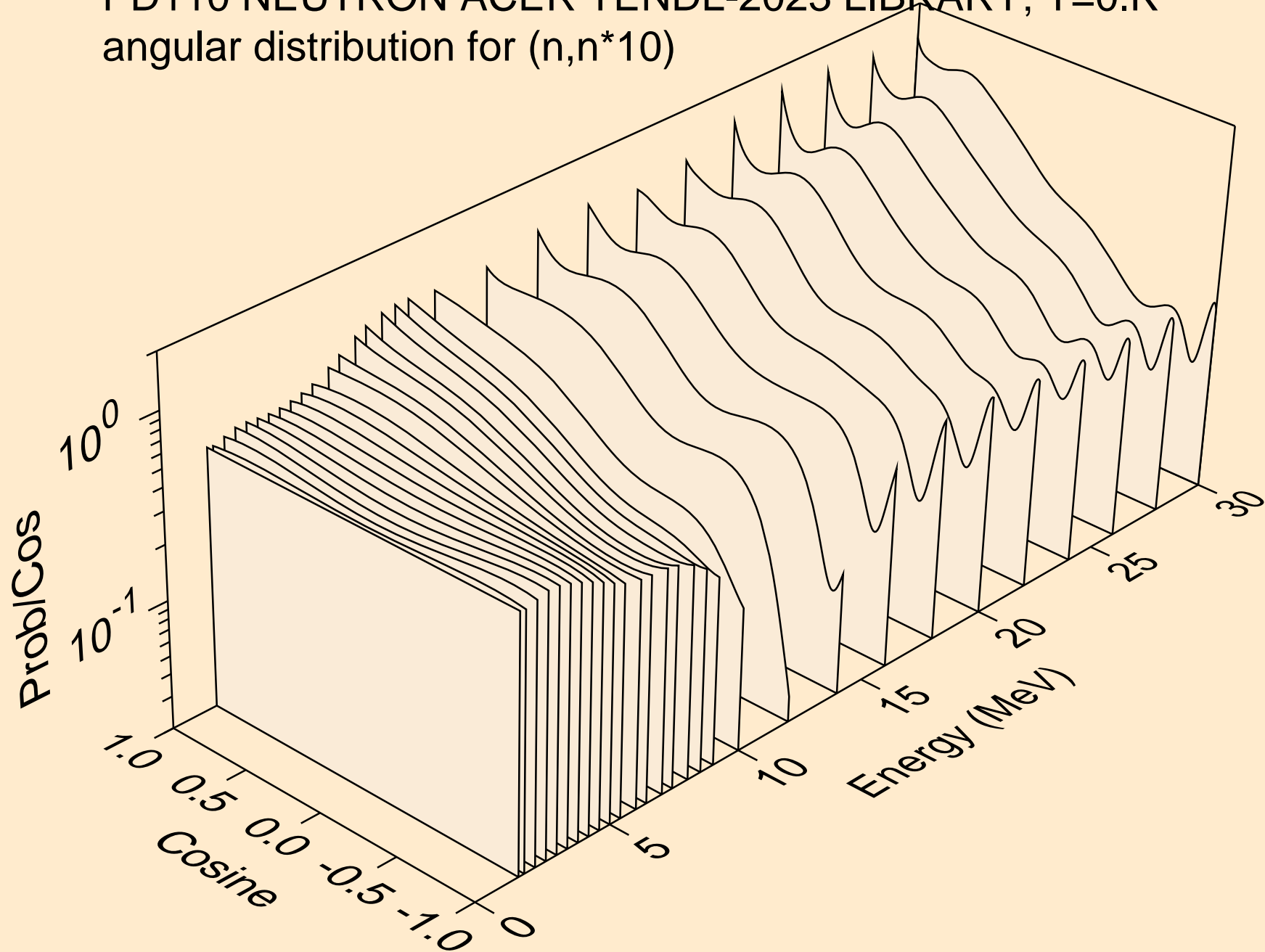
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

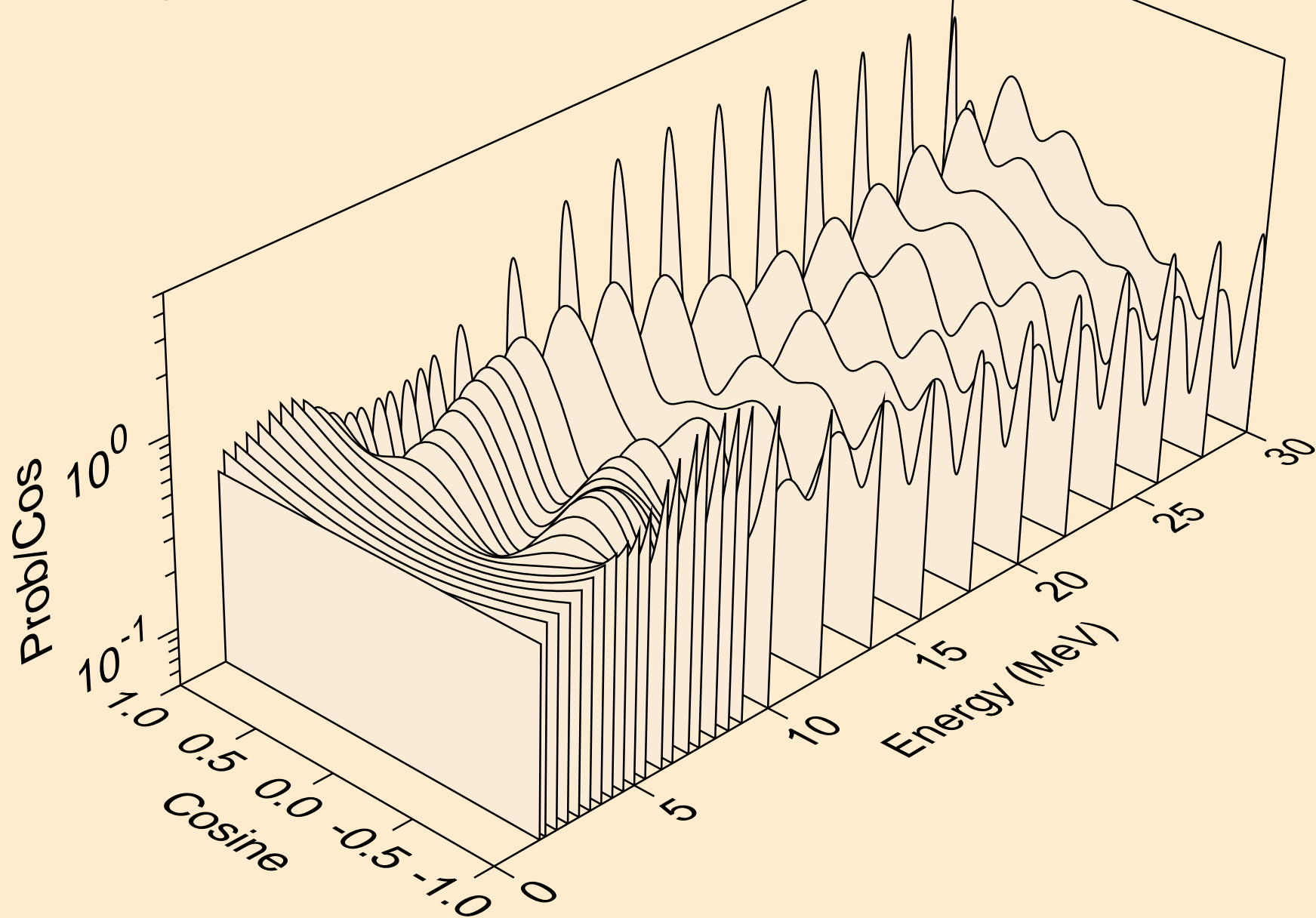


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angular distribution for (n,n\*10)

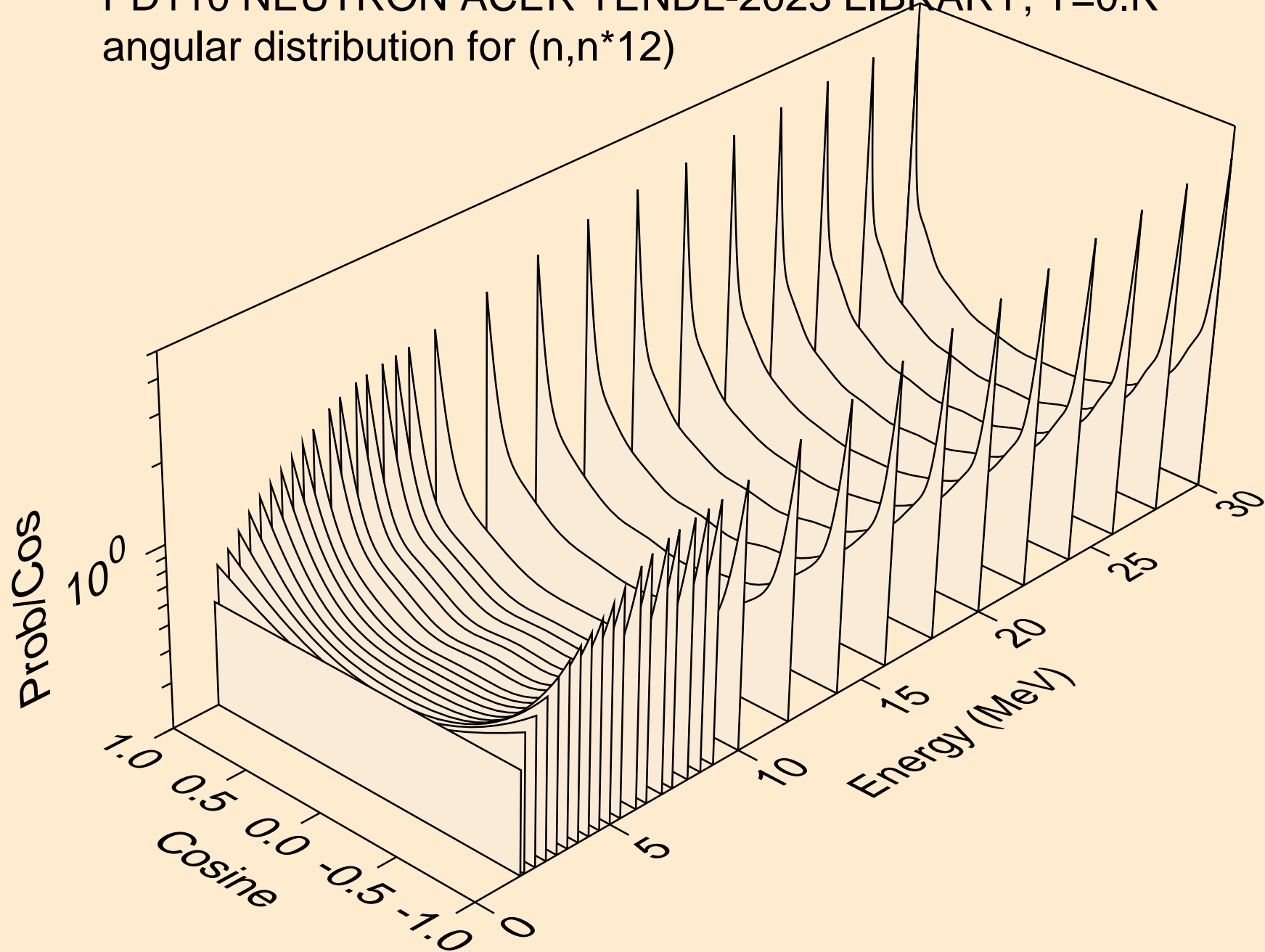




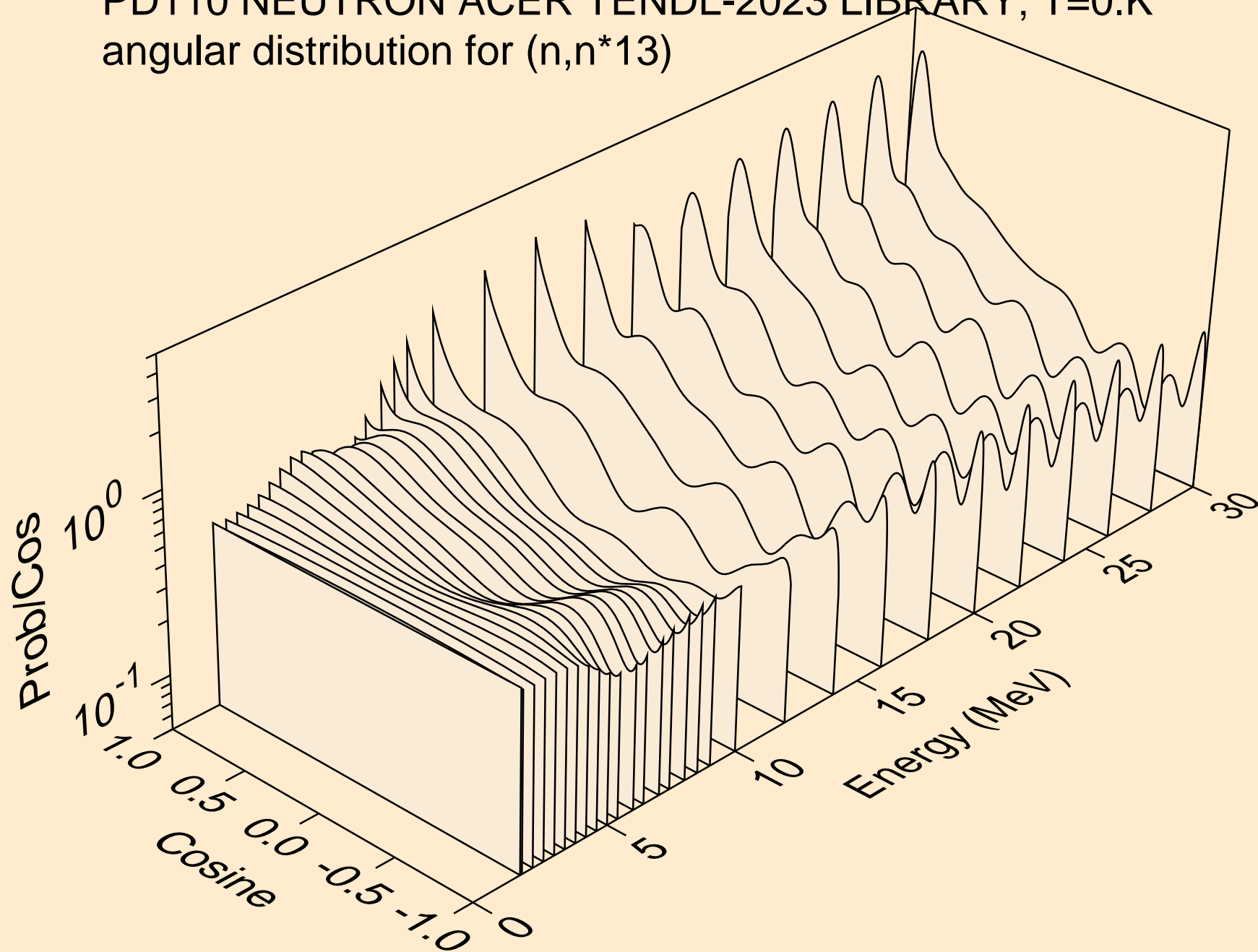
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angular distribution for (n,n\*11)



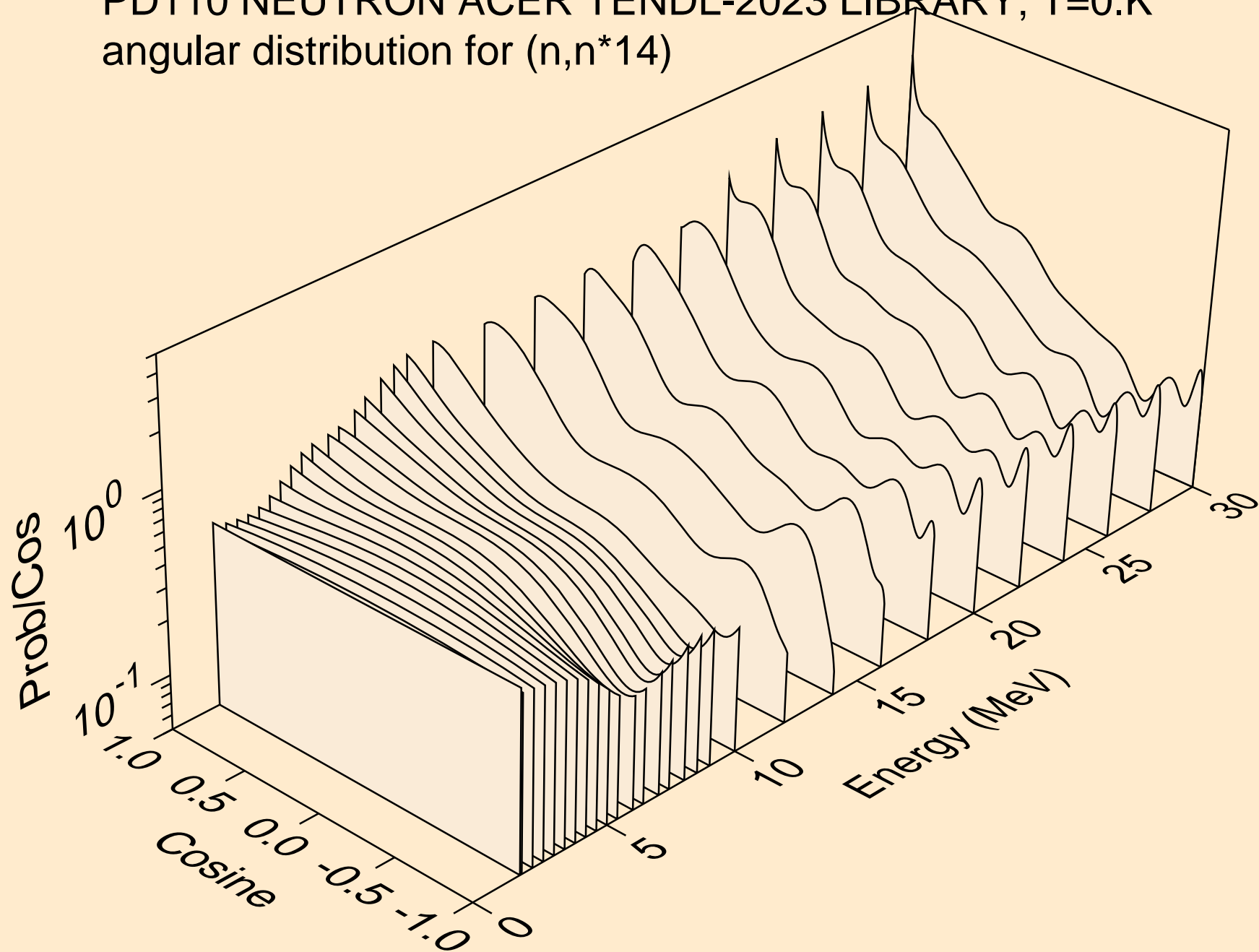
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angular distribution for (n,n\*12)



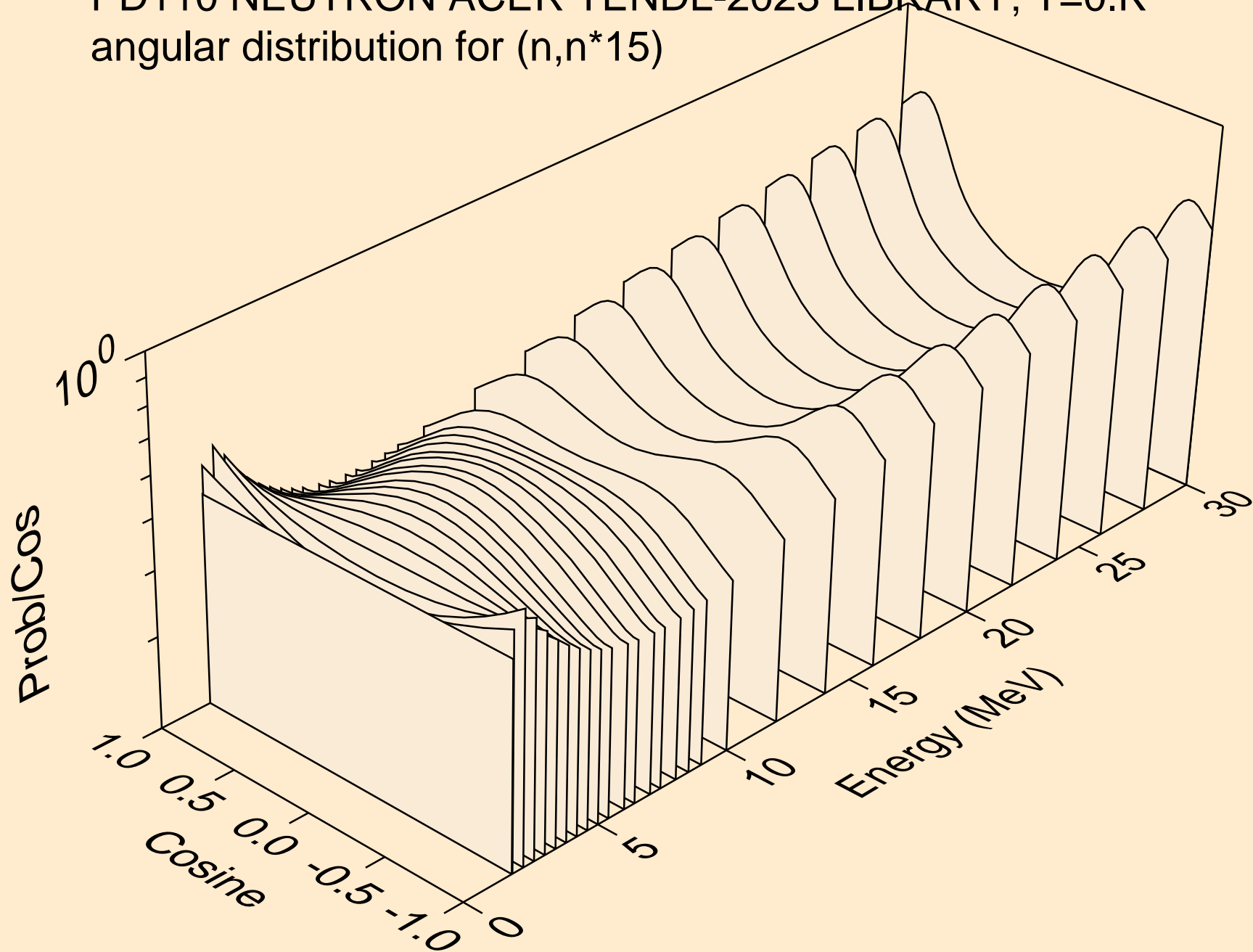
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angular distribution for (n,n\*13)



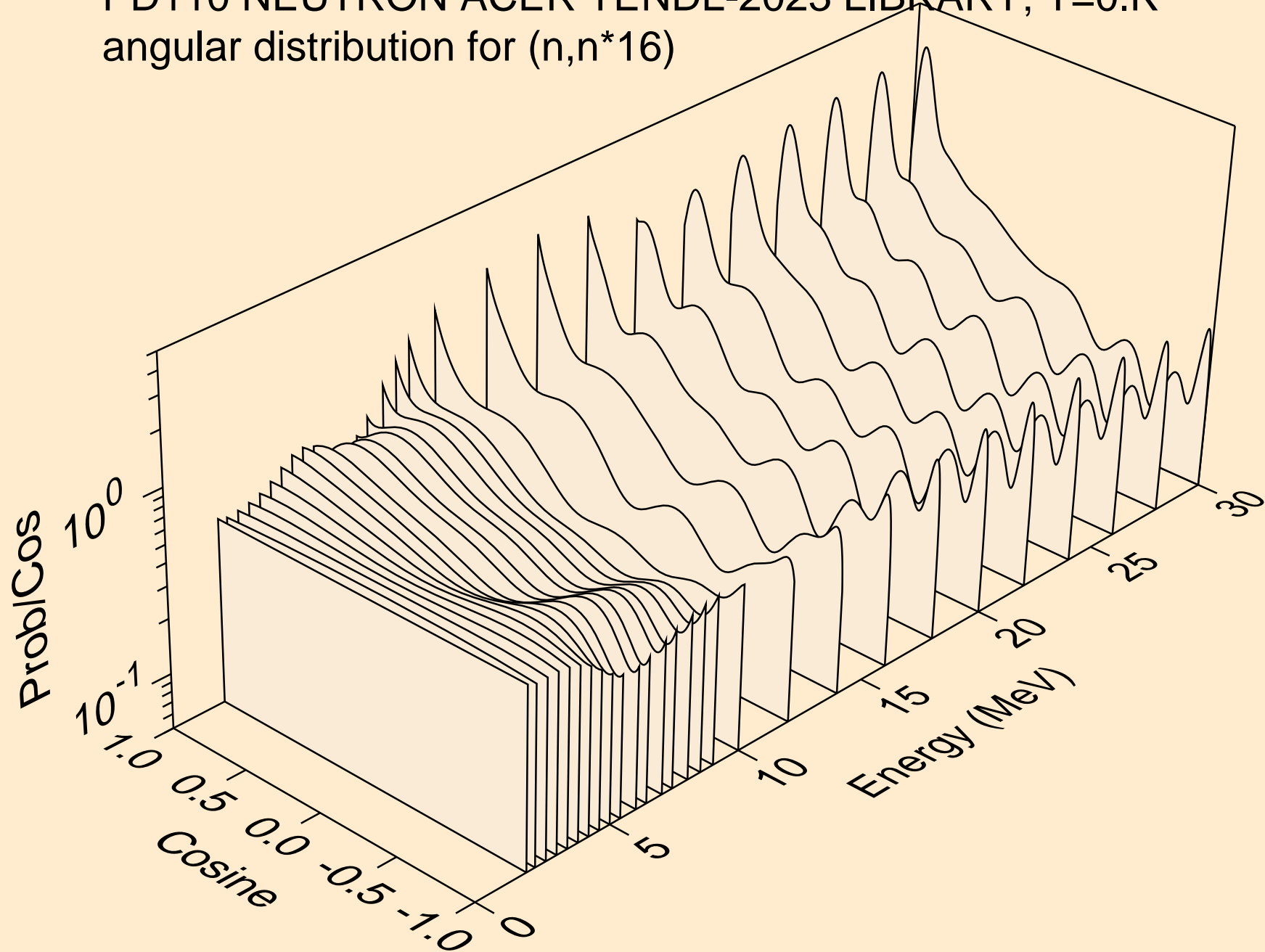
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angular distribution for (n,n\*14)



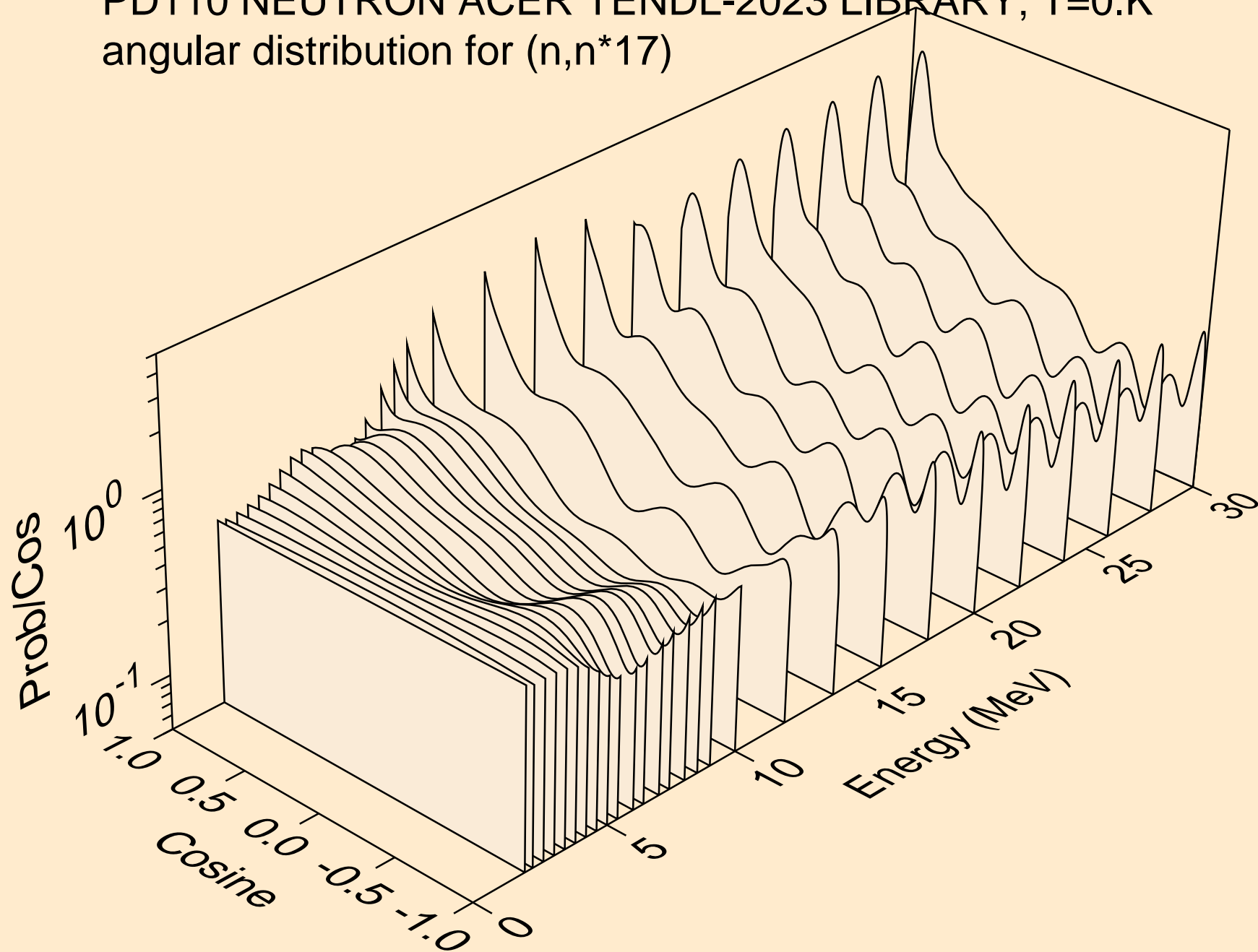
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angular distribution for (n,n\*15)



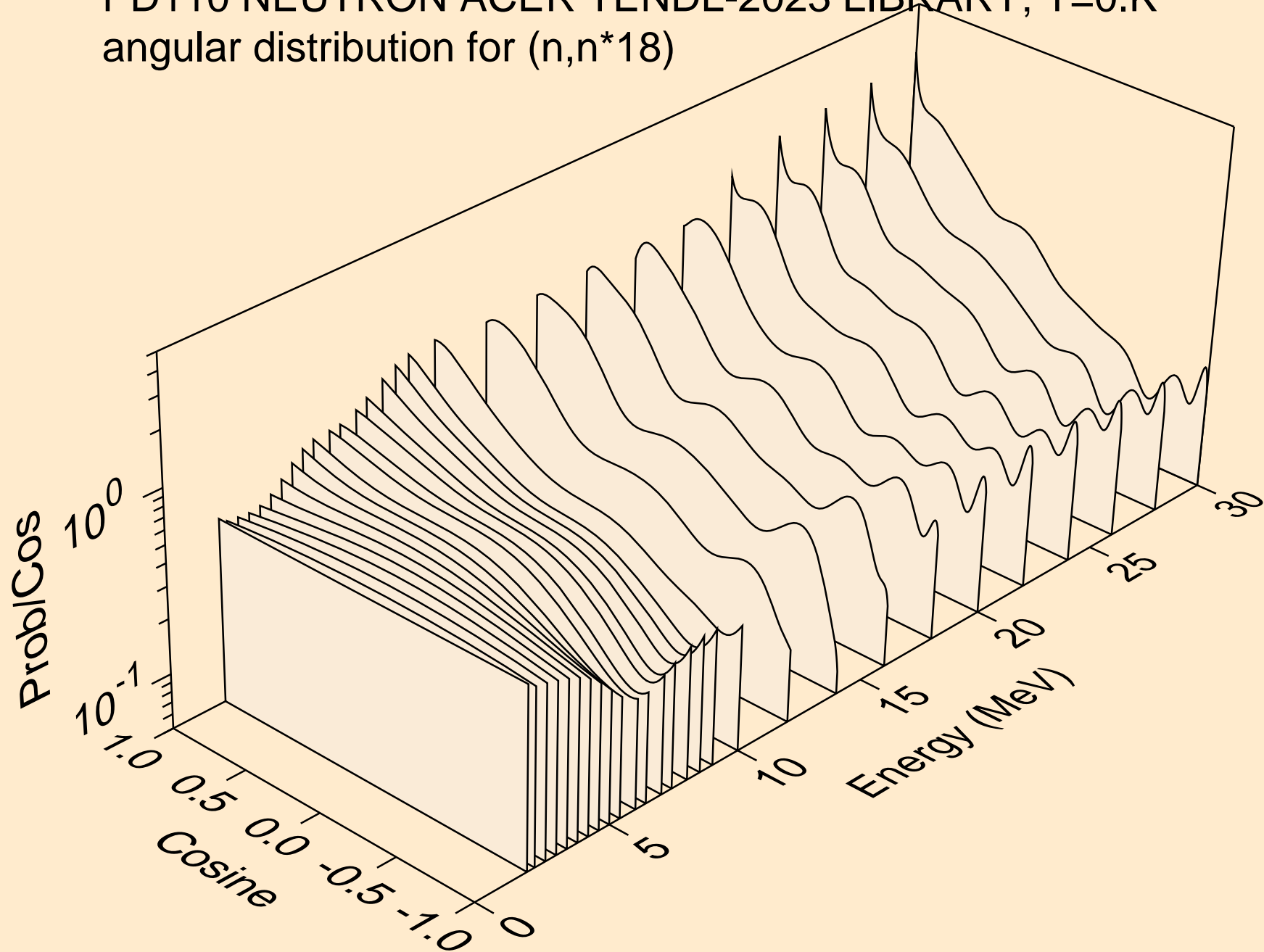
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

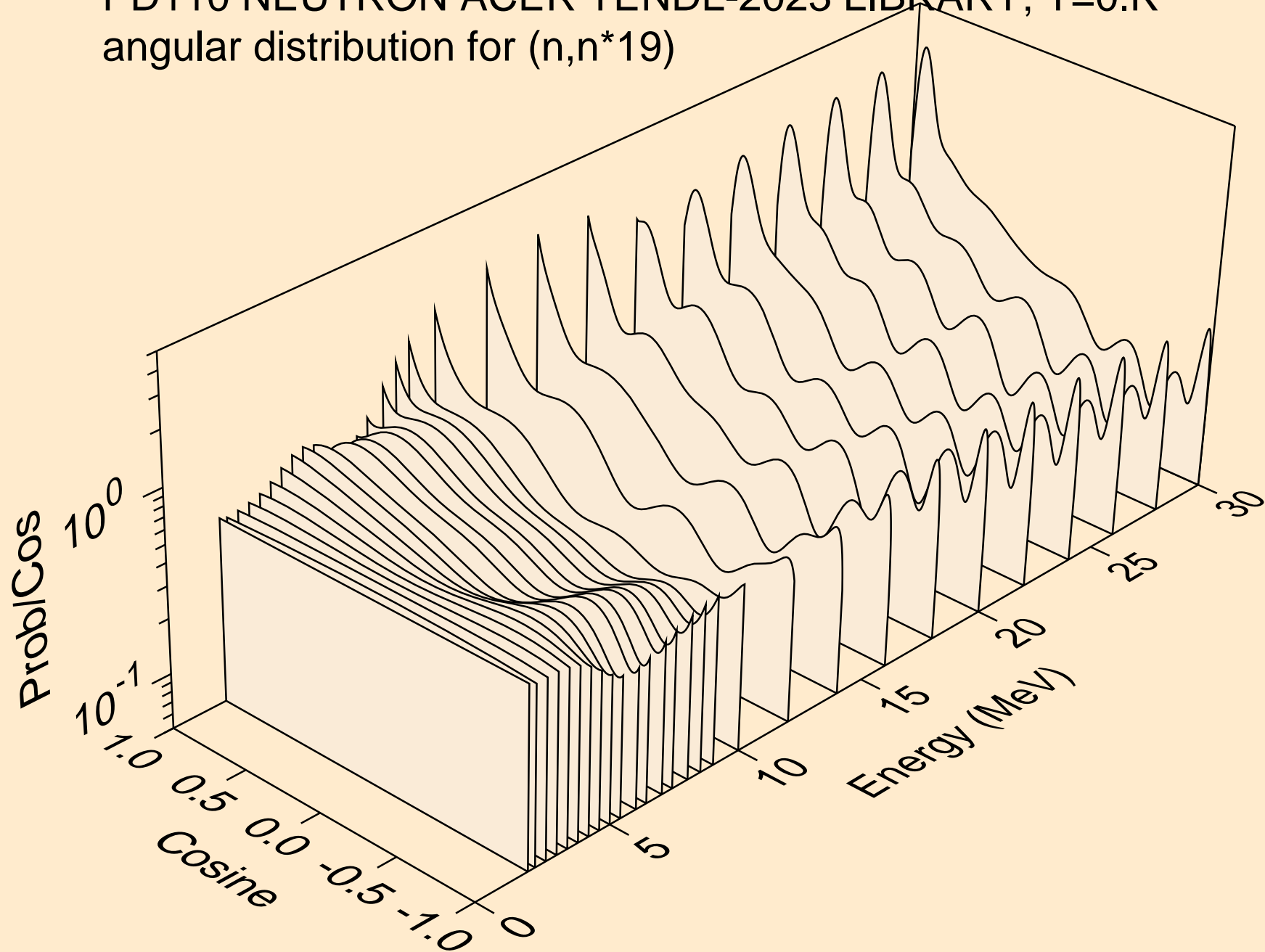


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angular distribution for (n,n\*18)

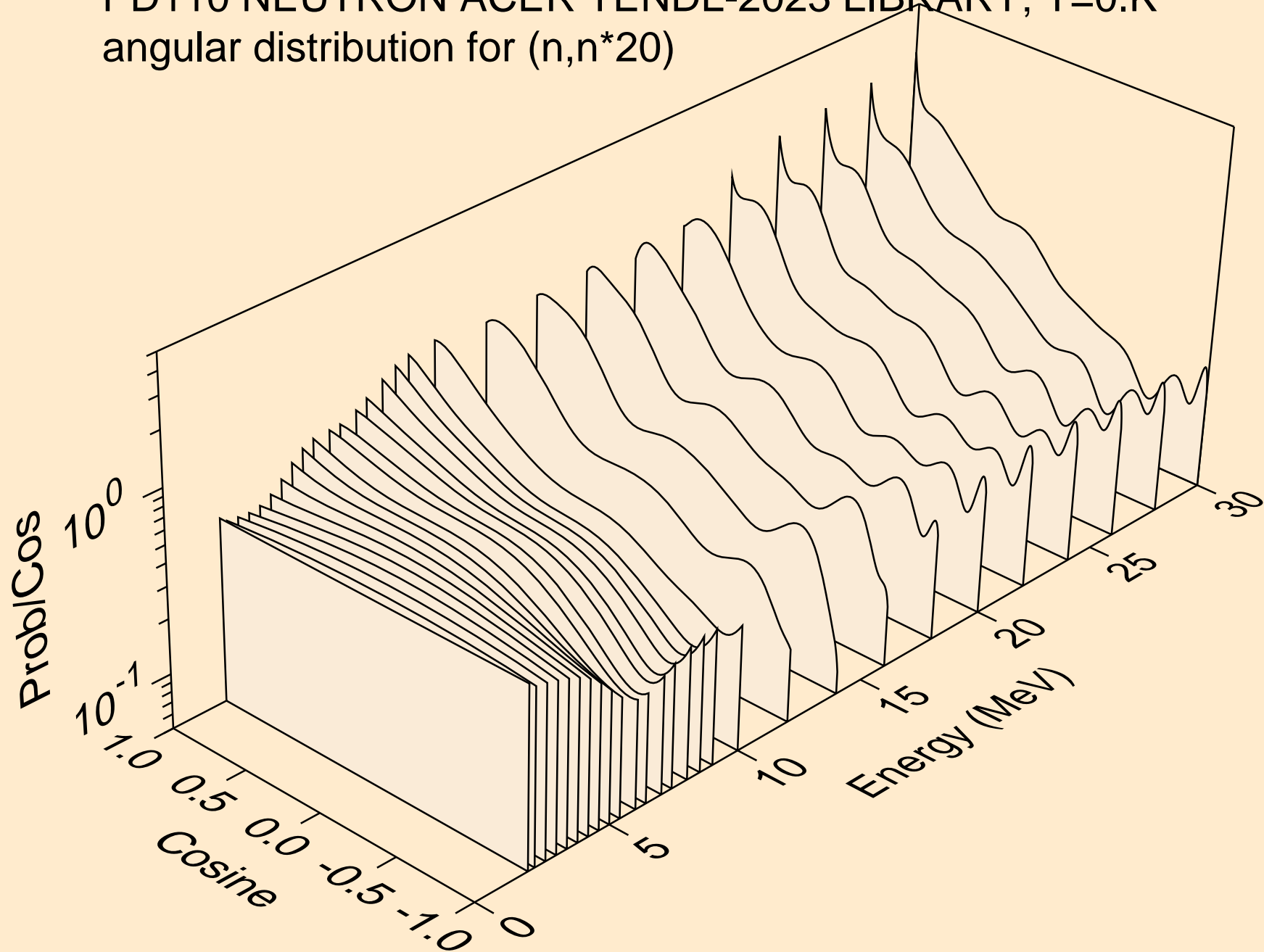




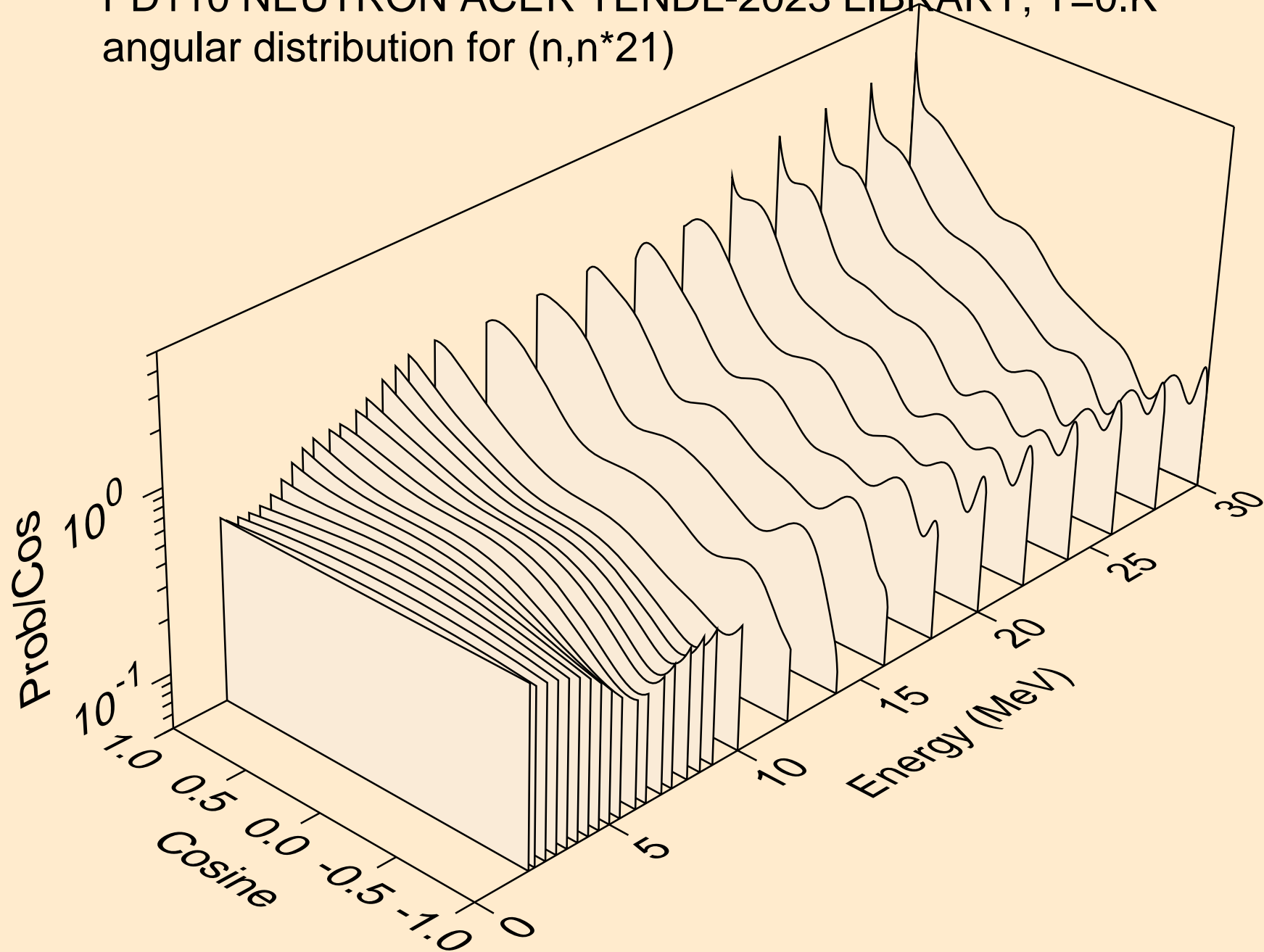
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angular distribution for (n,n\*19)



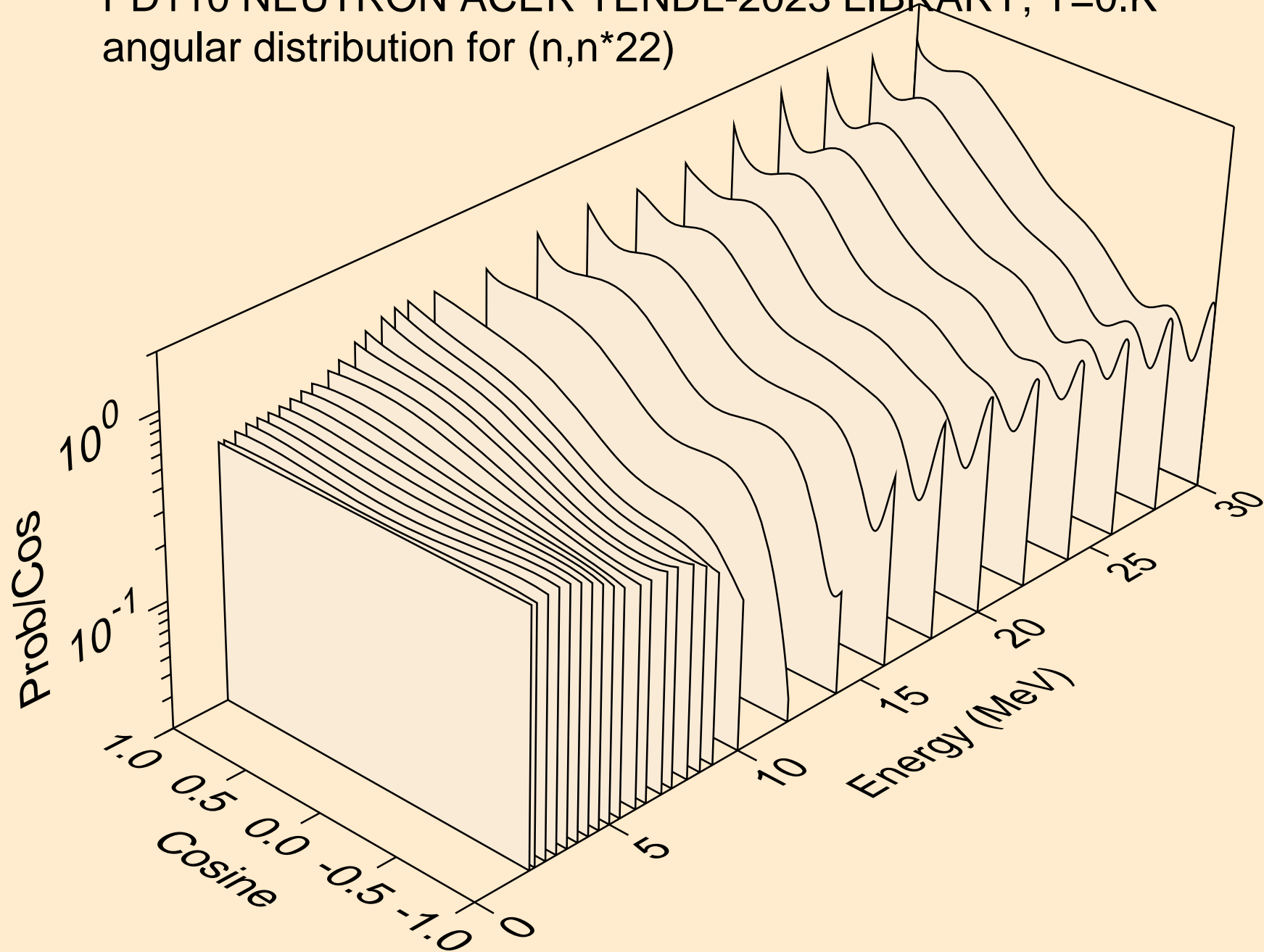
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angular distribution for (n,n\*20)



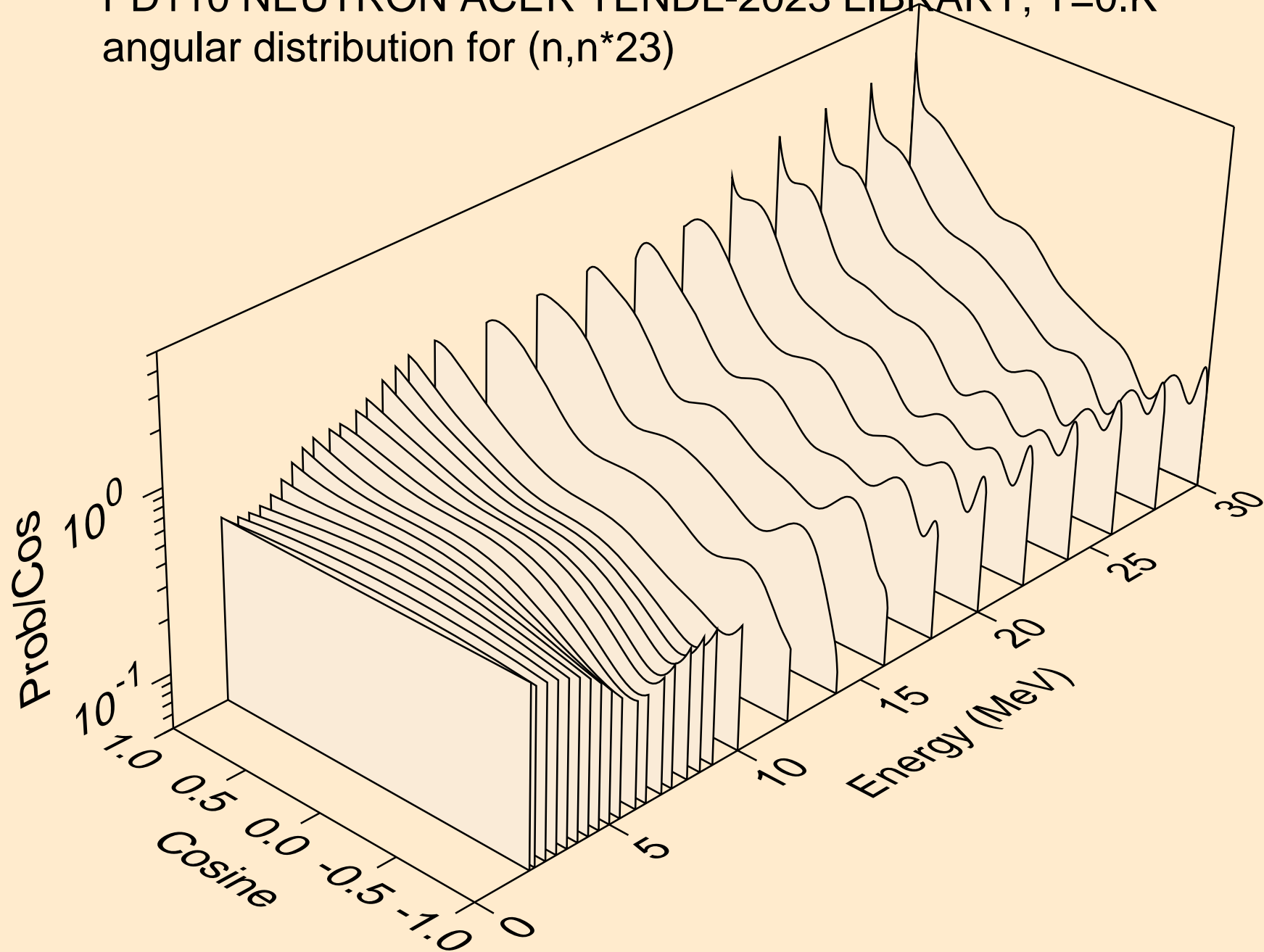
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angular distribution for (n,n\*21)



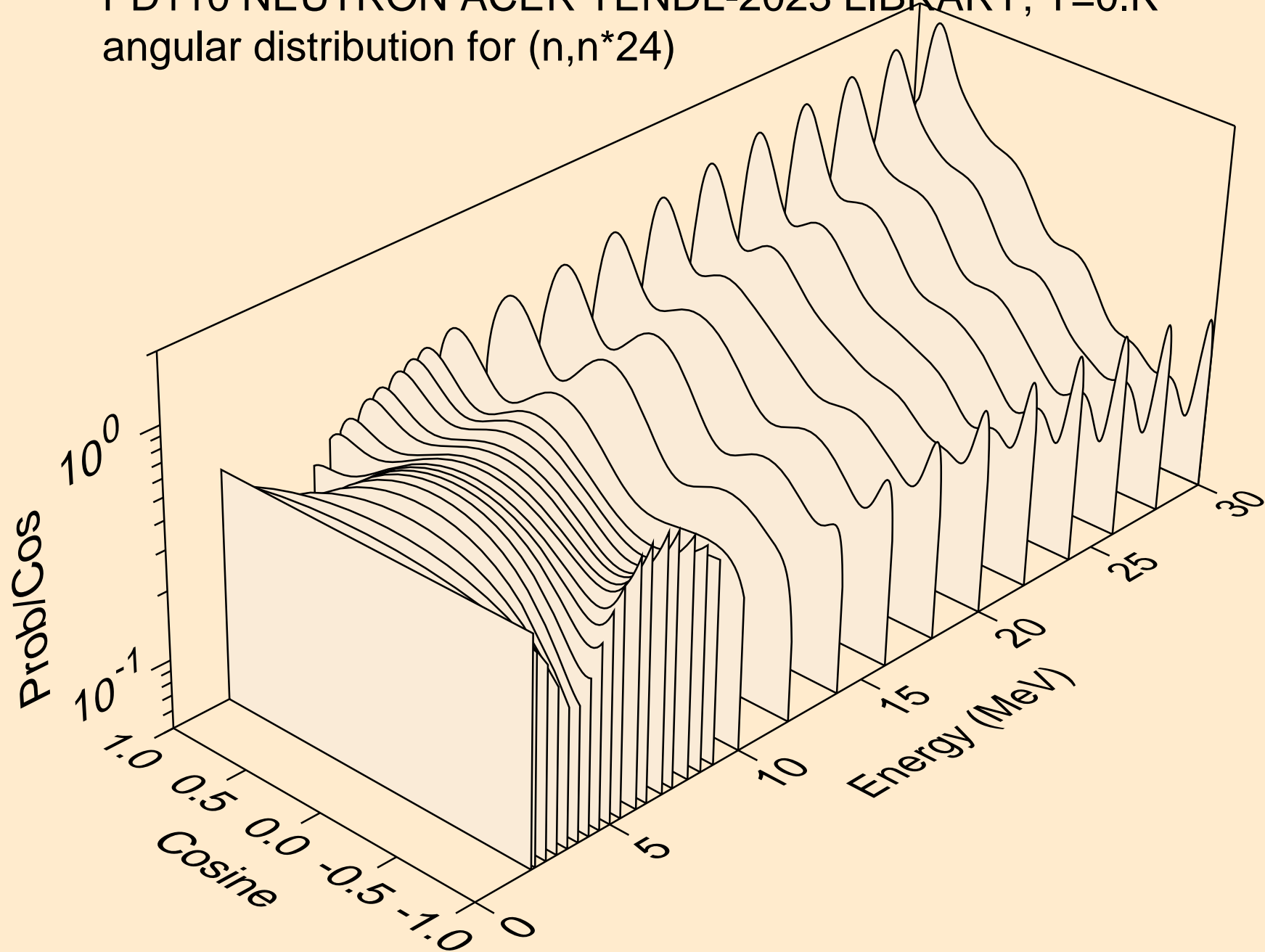
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angular distribution for (n,n\*22)



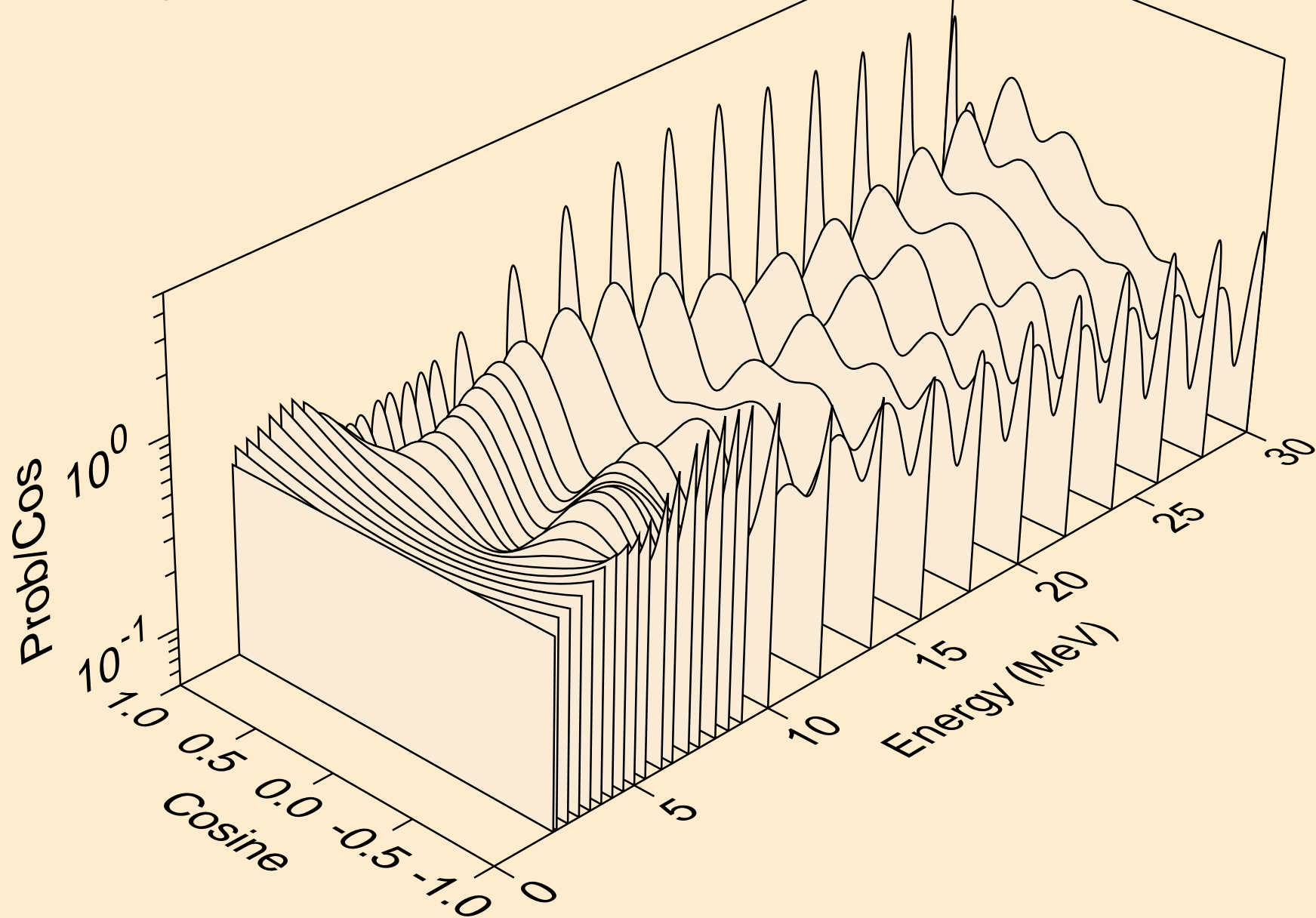
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angular distribution for (n,n\*23)



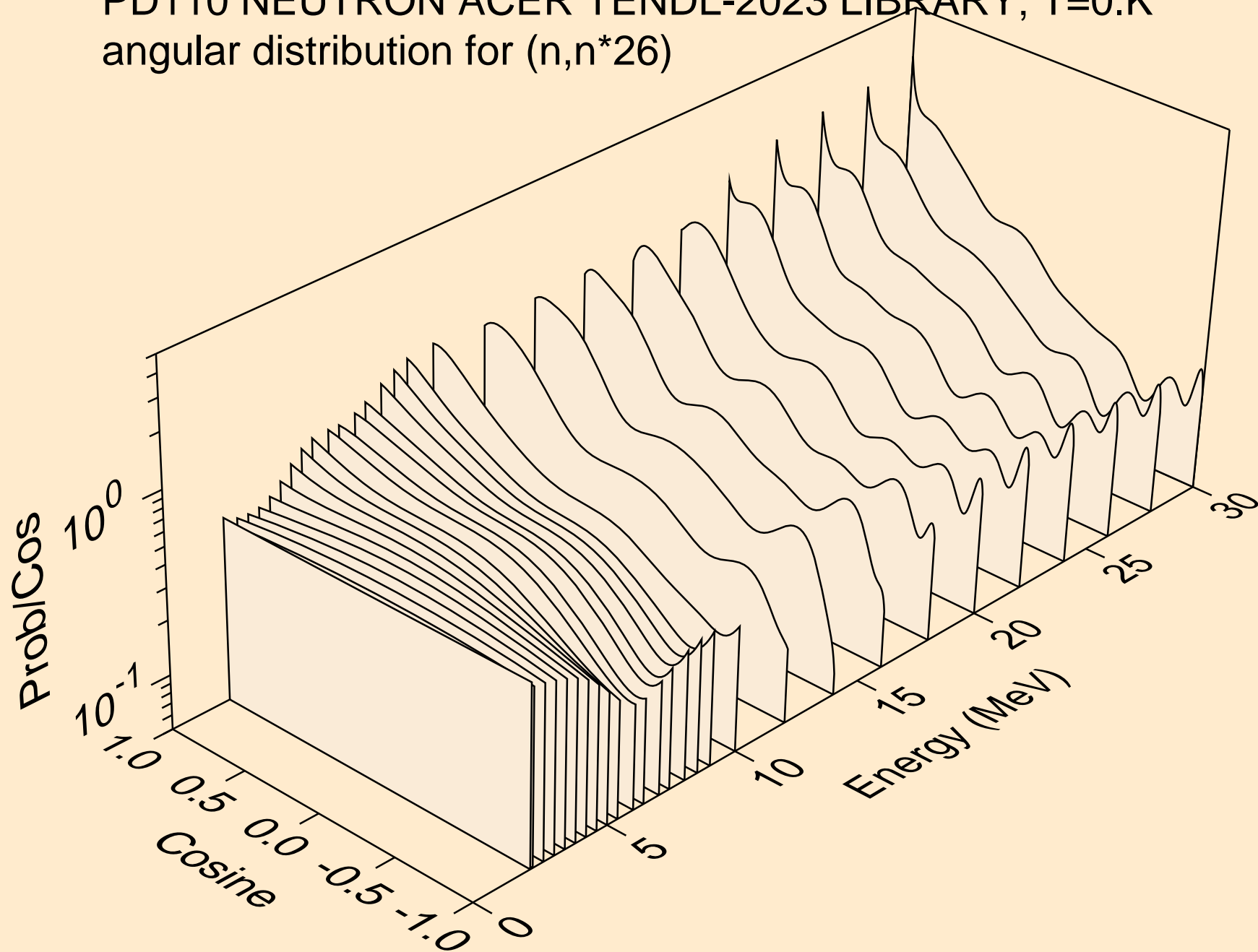
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

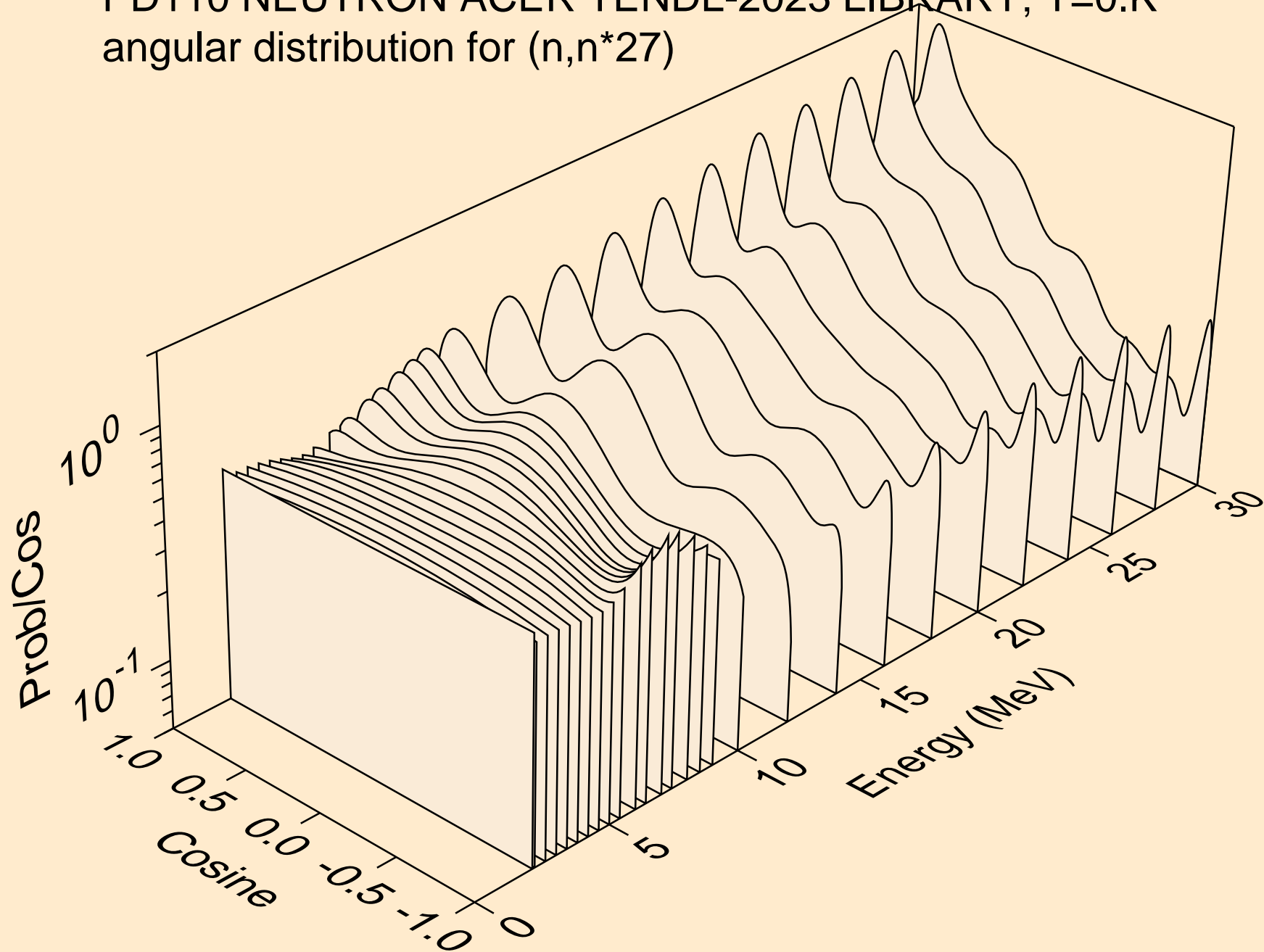


PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

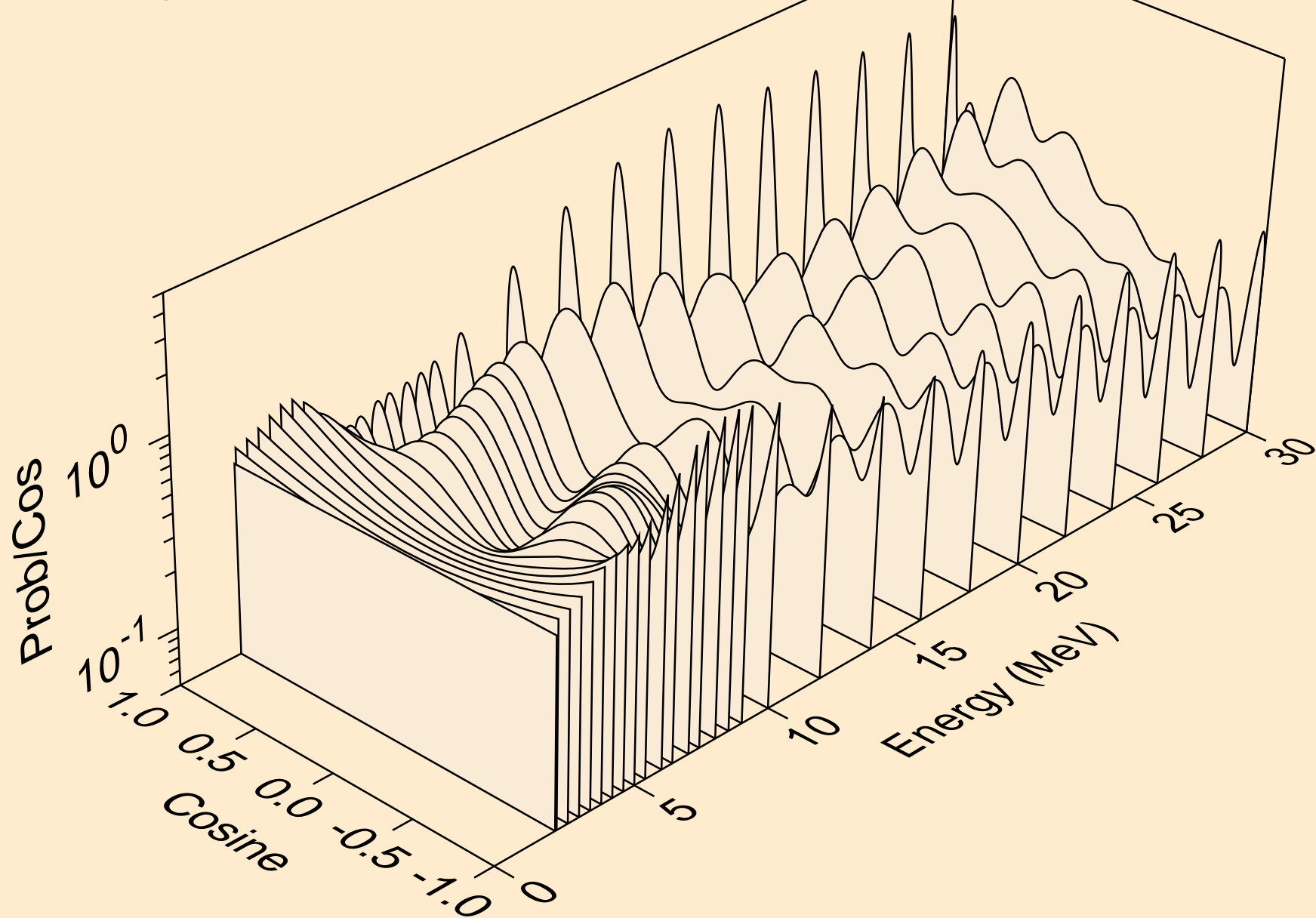




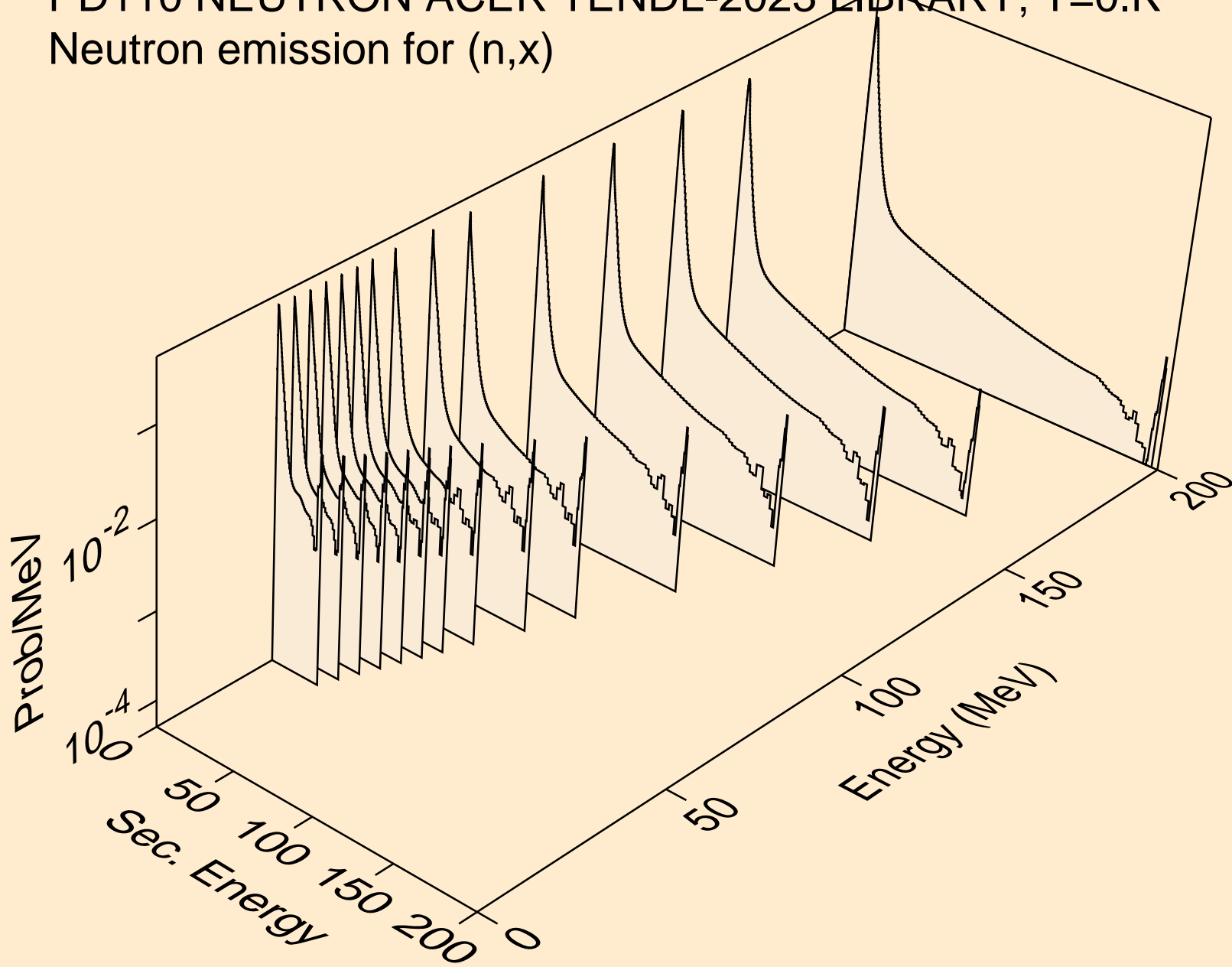
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angular distribution for (n,n\*27)



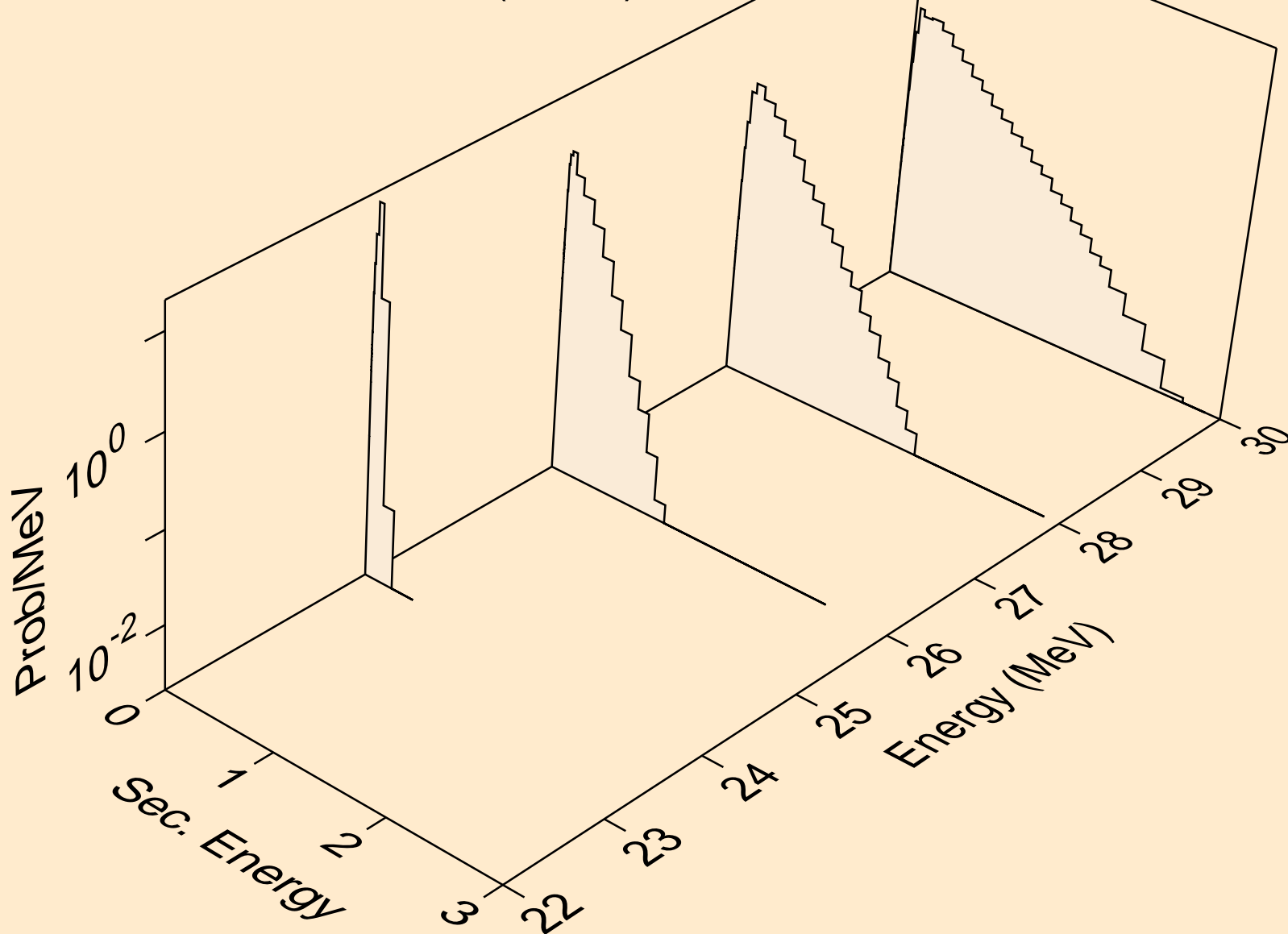
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angular distribution for (n,n\*28)



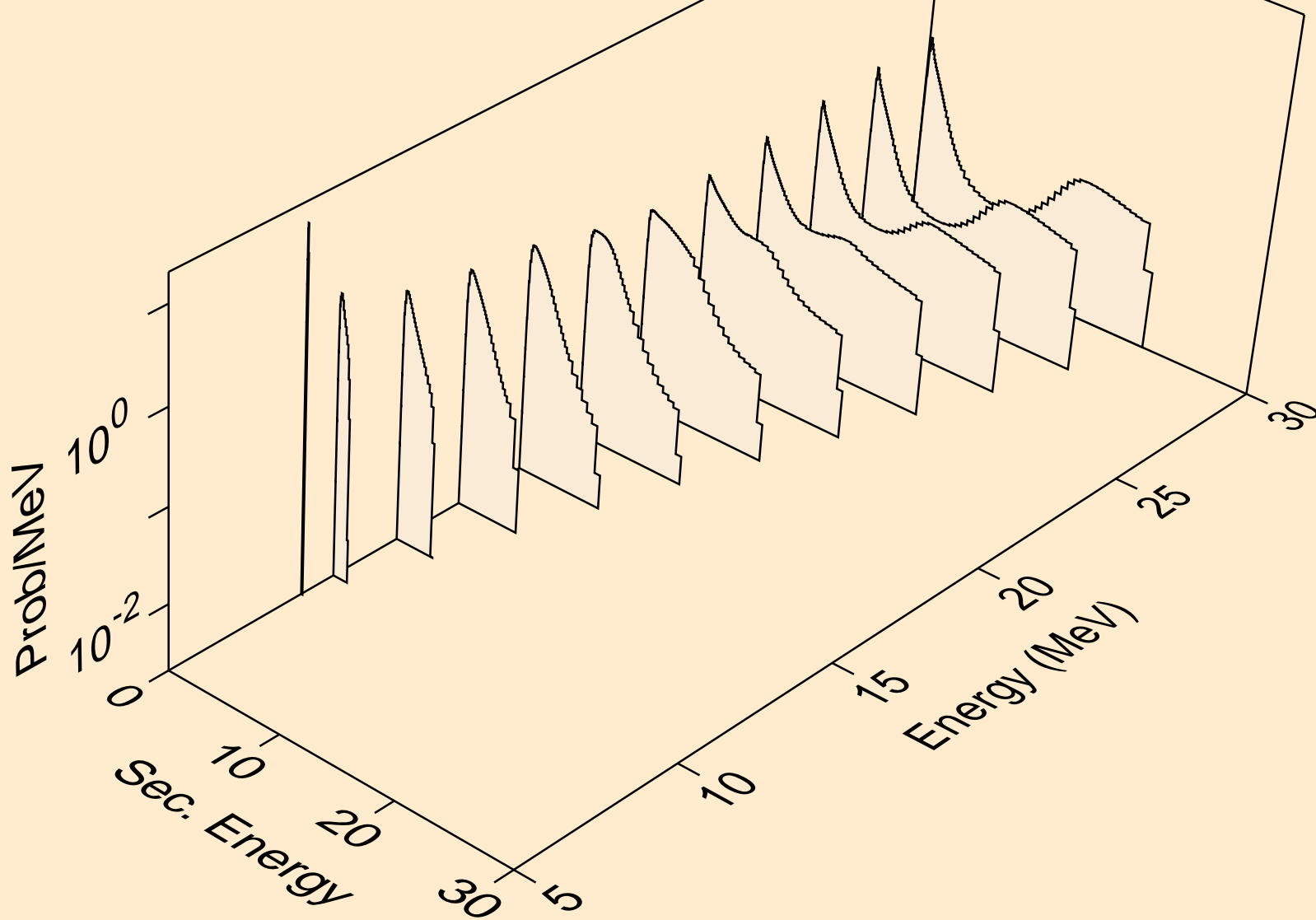
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



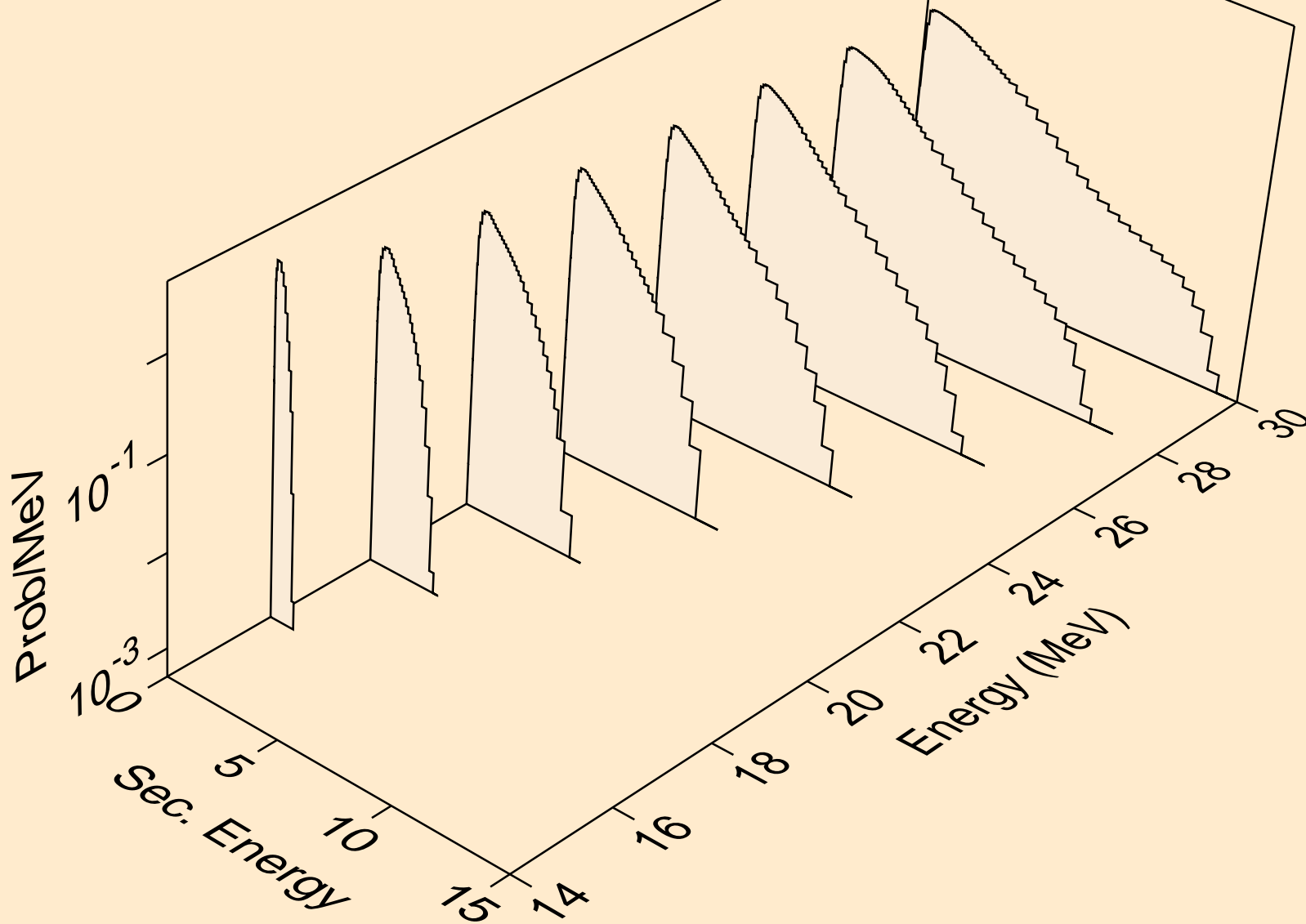
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



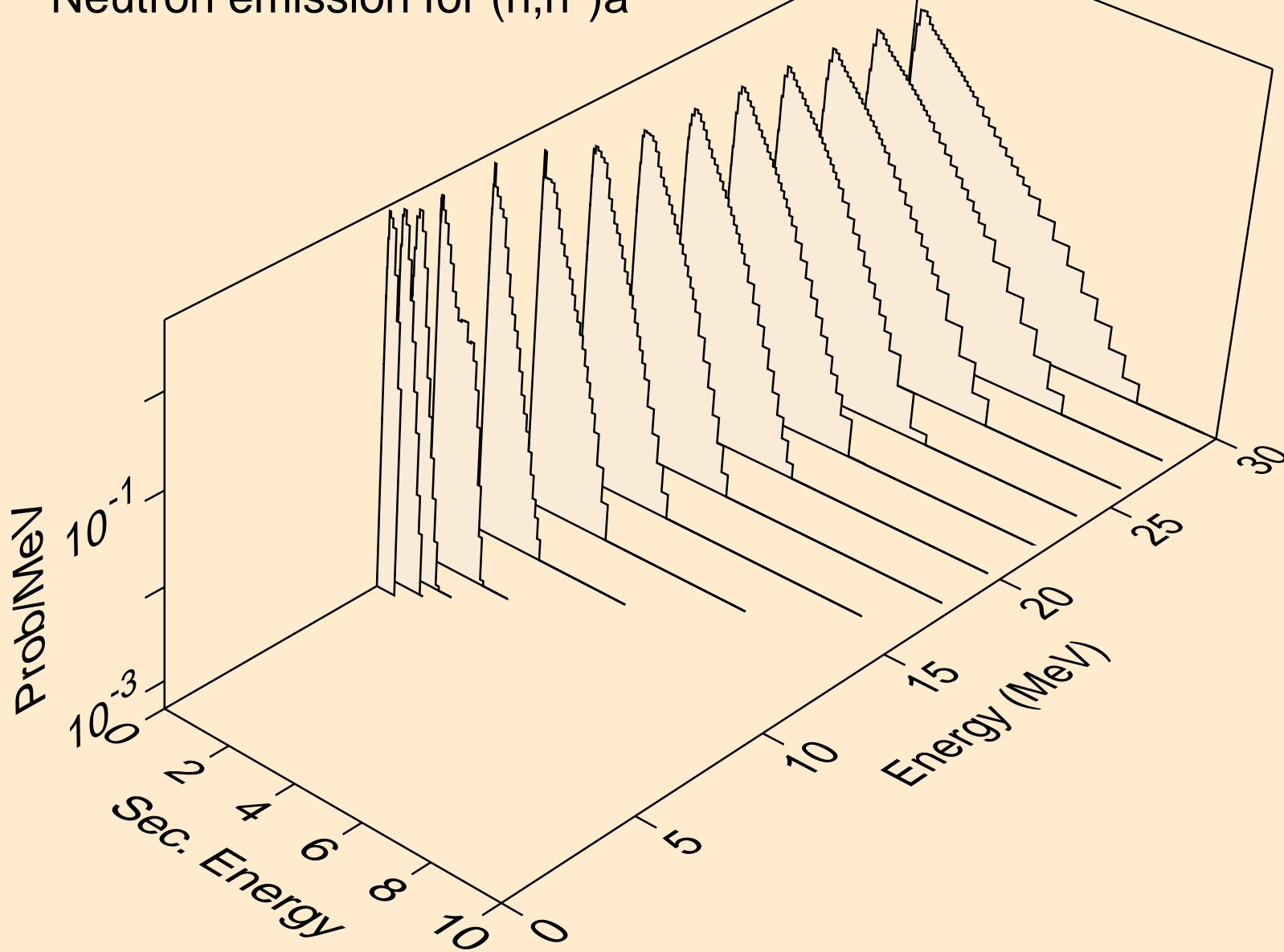
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



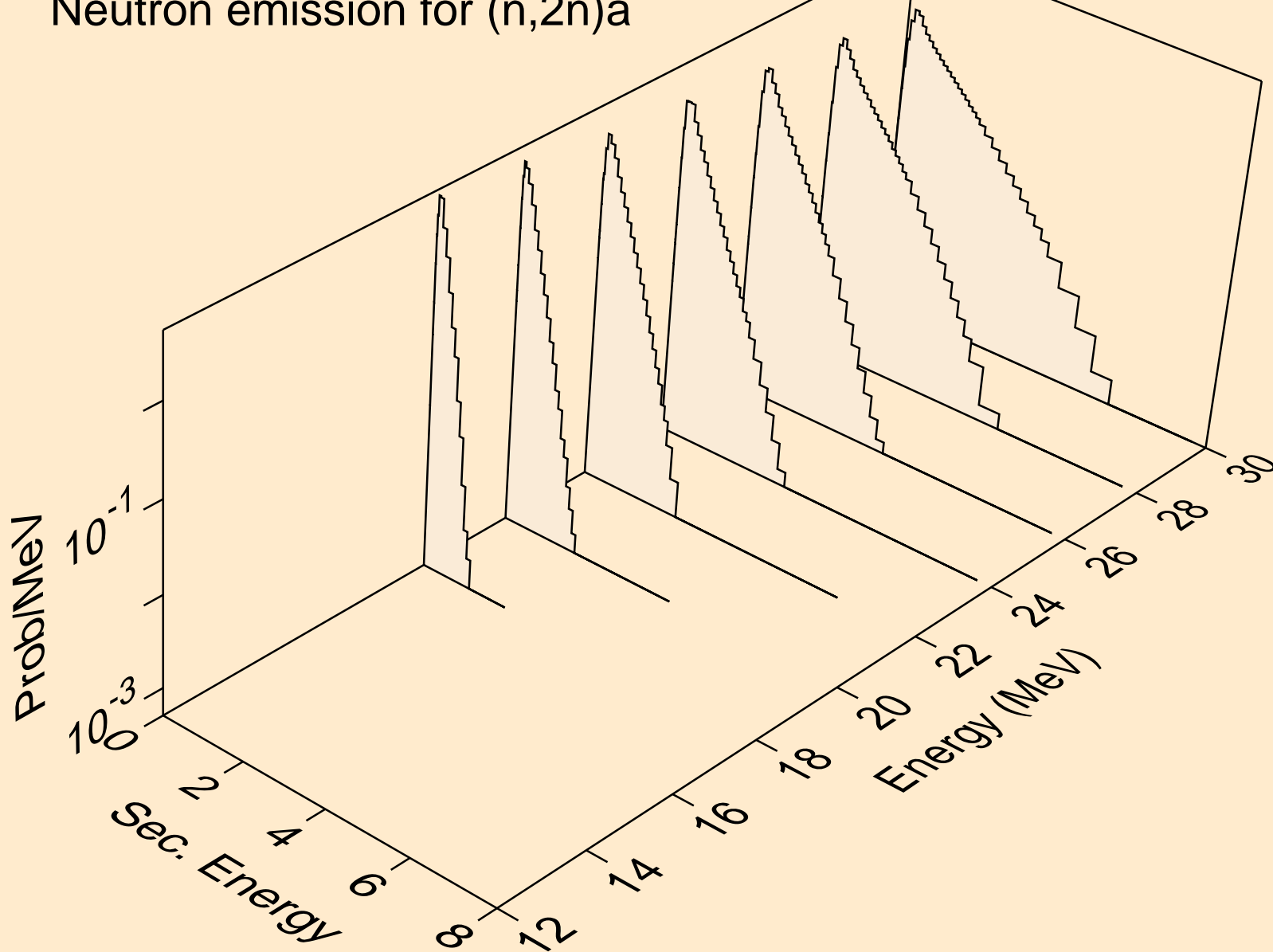
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

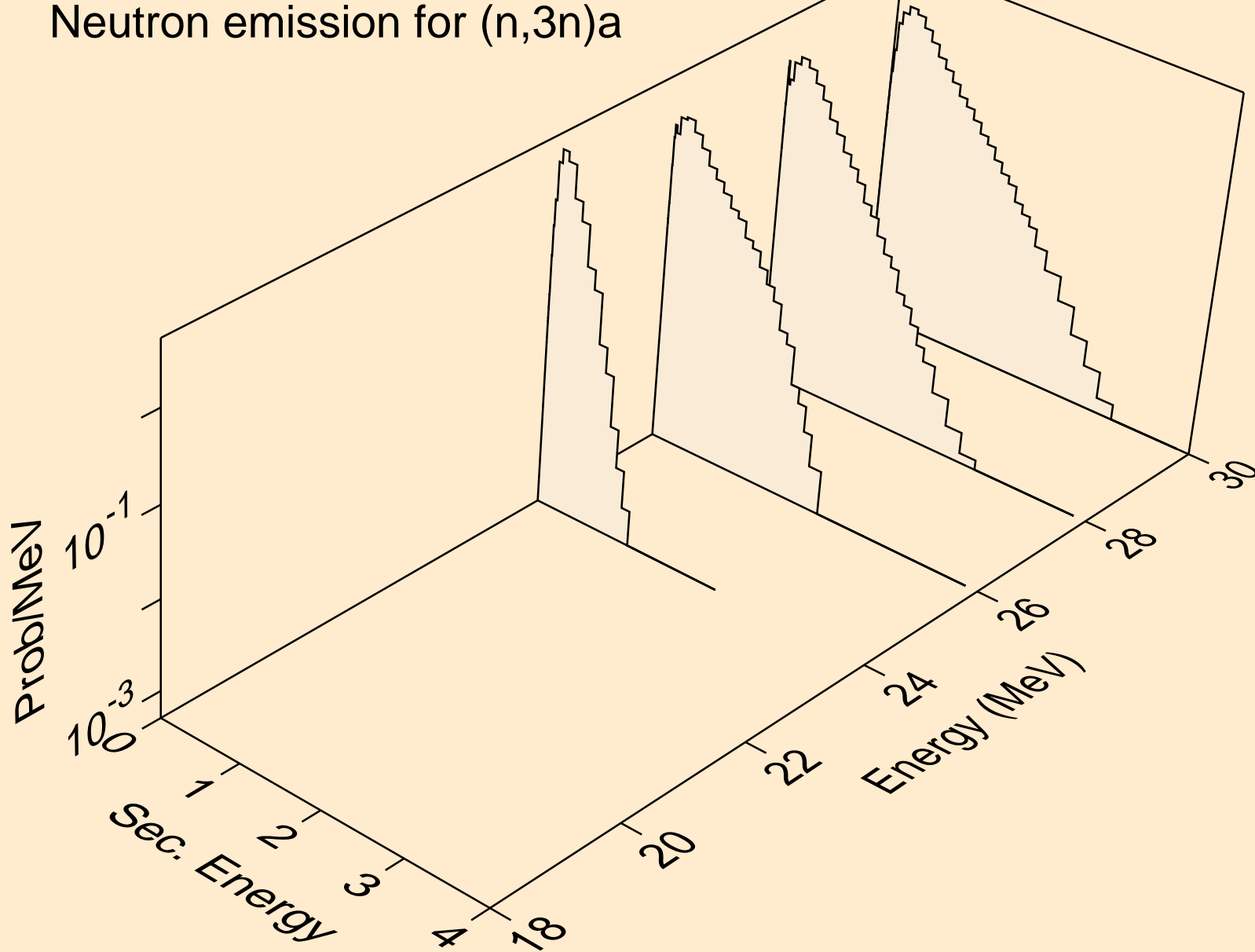


PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

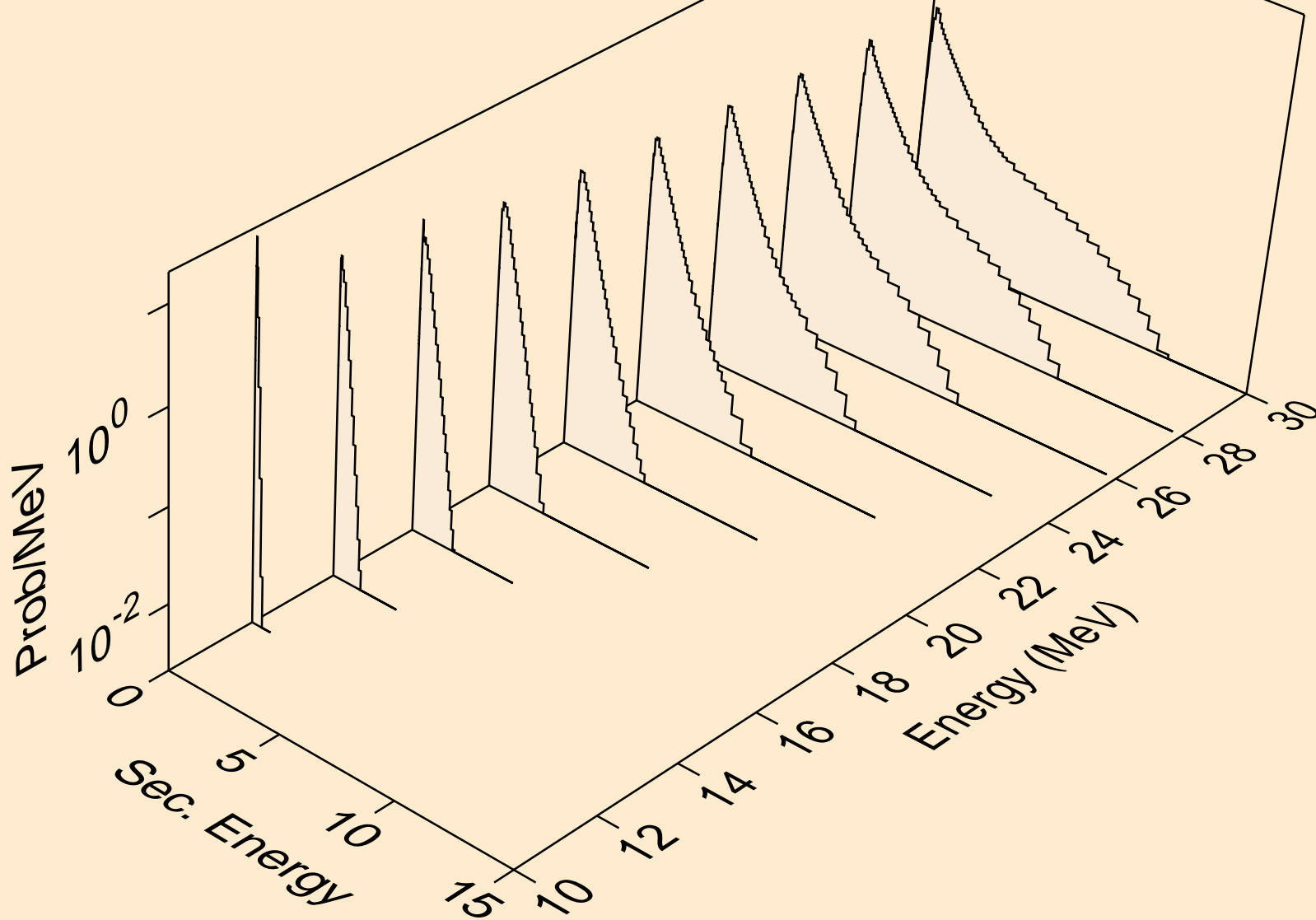




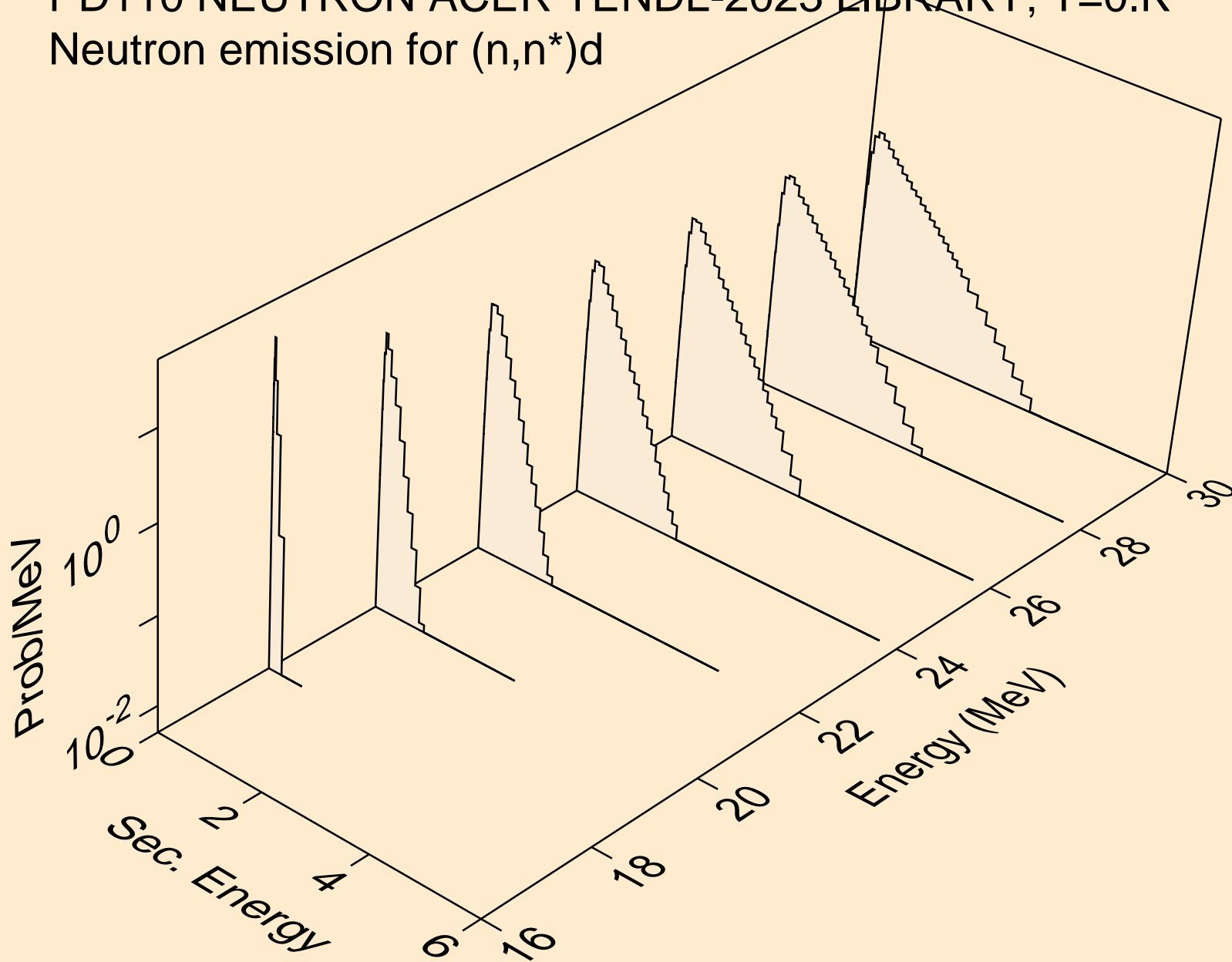
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Neutron emission for (n,3n)a



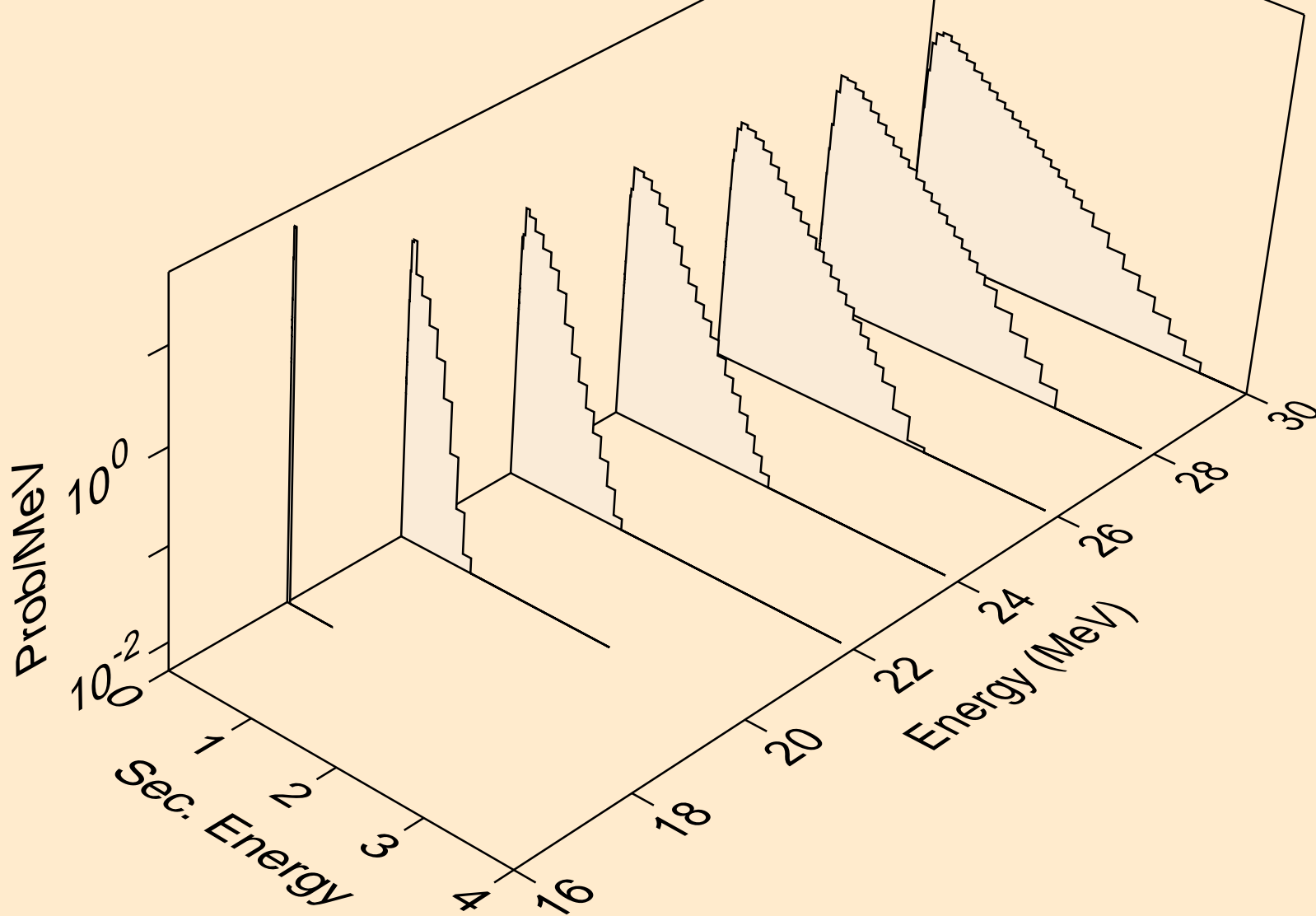
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Neutron emission for (n,n\*)p



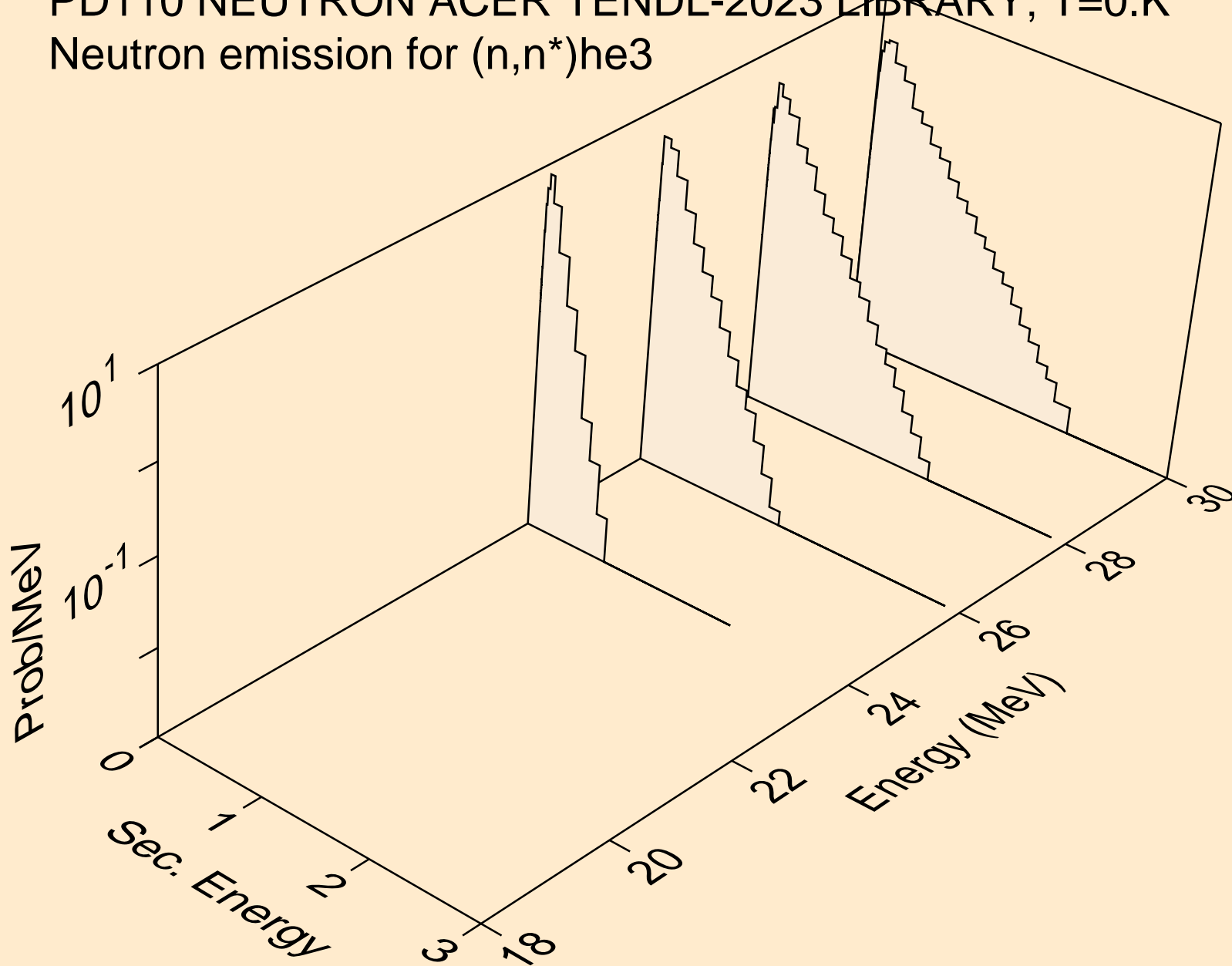
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



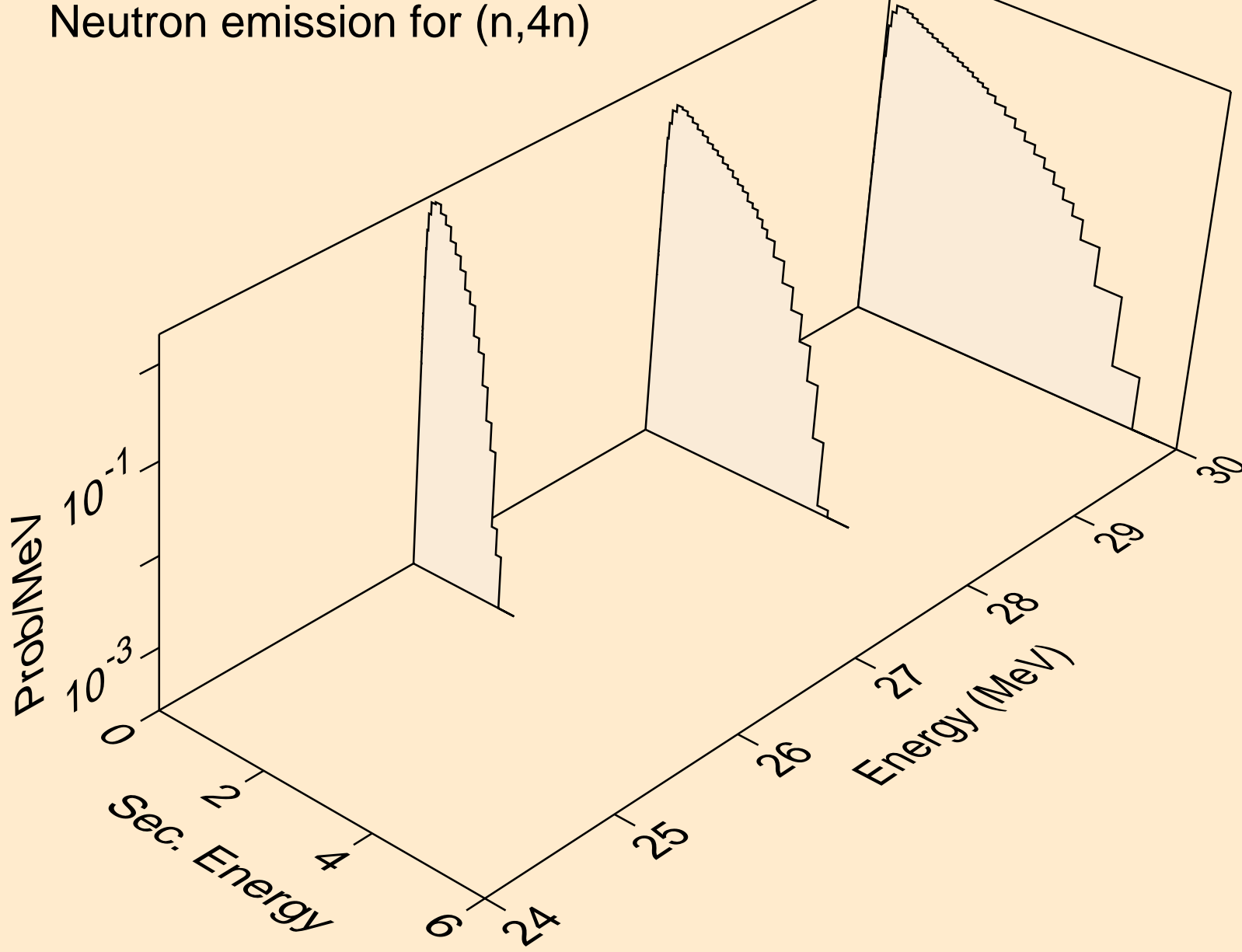
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



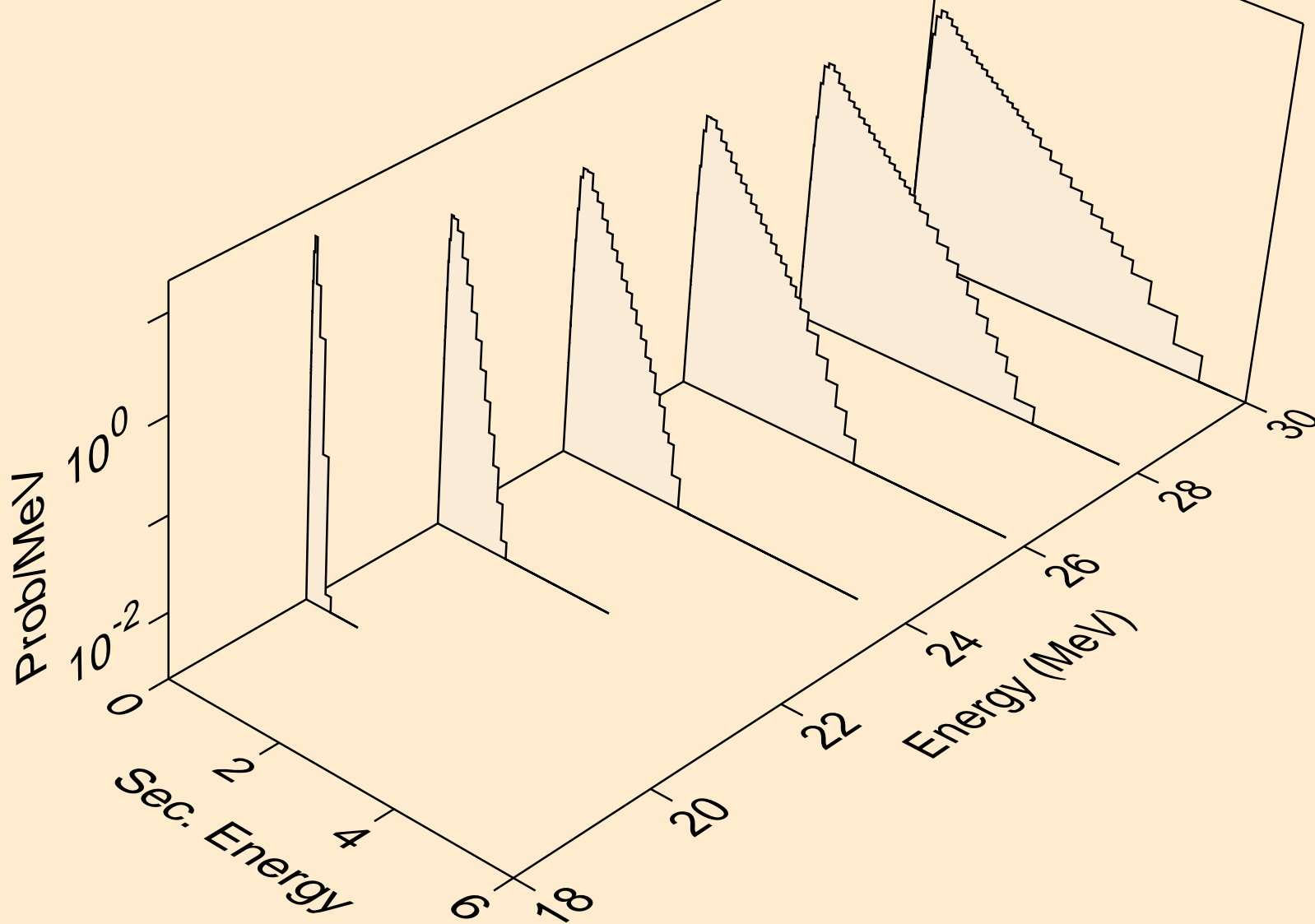
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



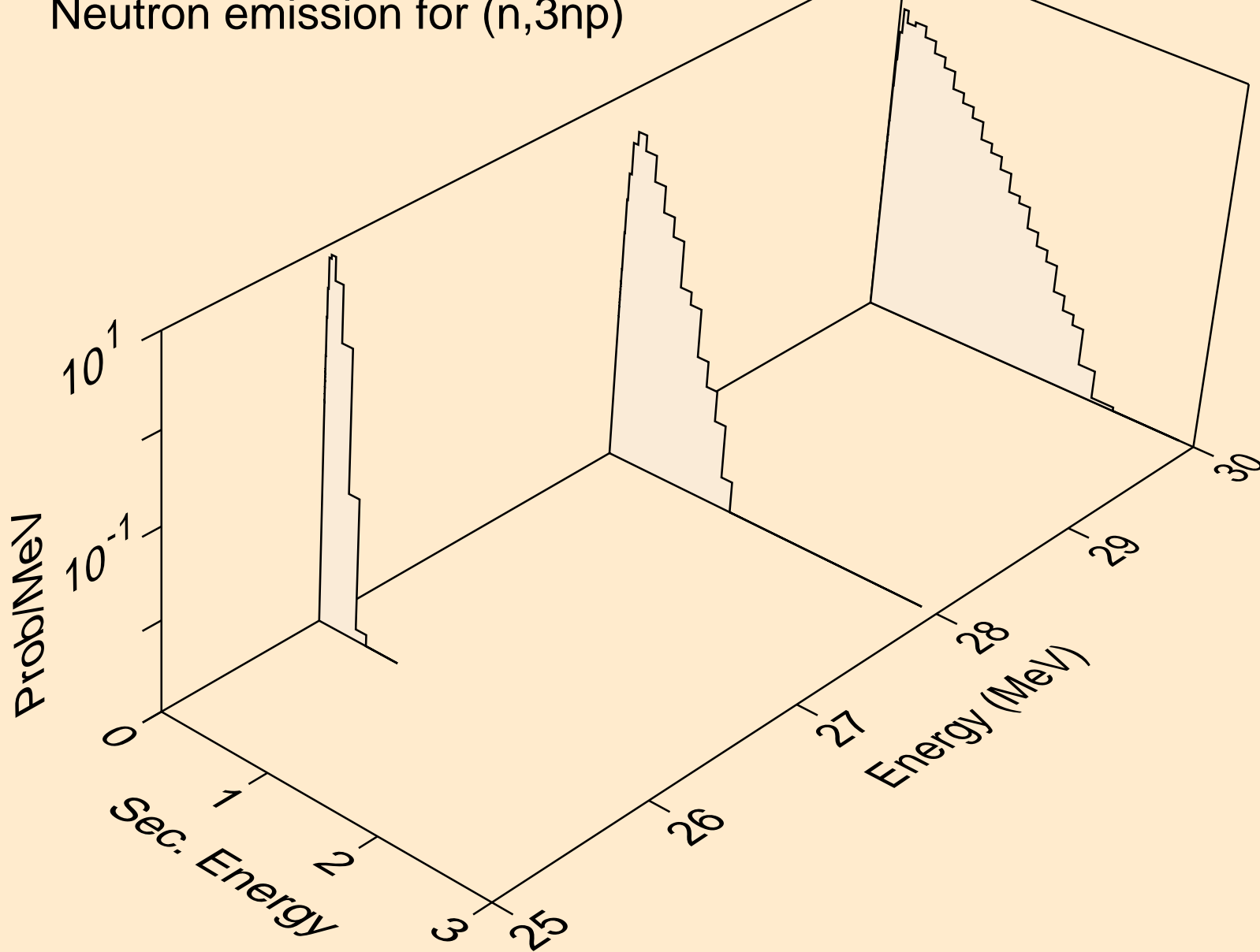
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

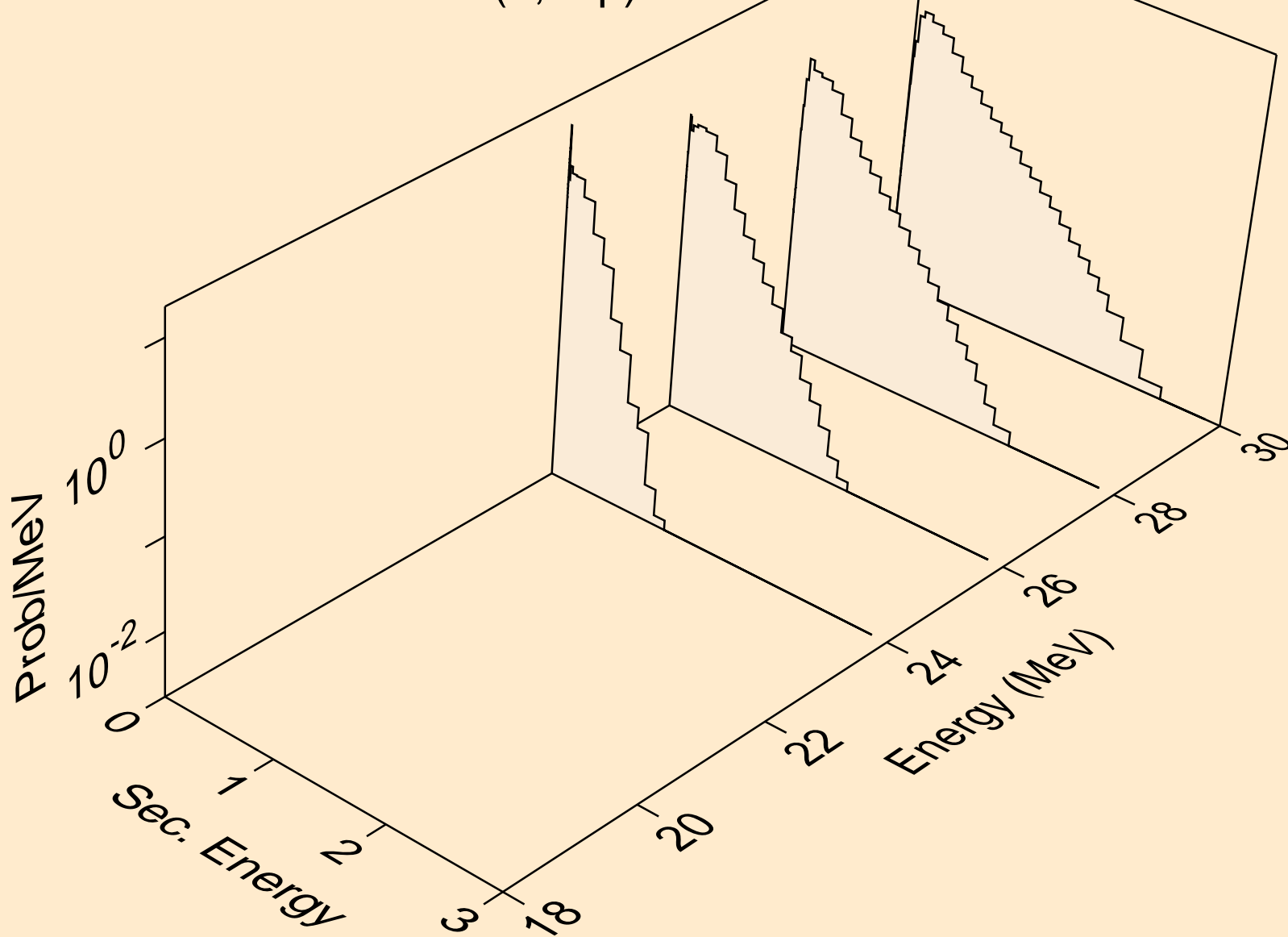


PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

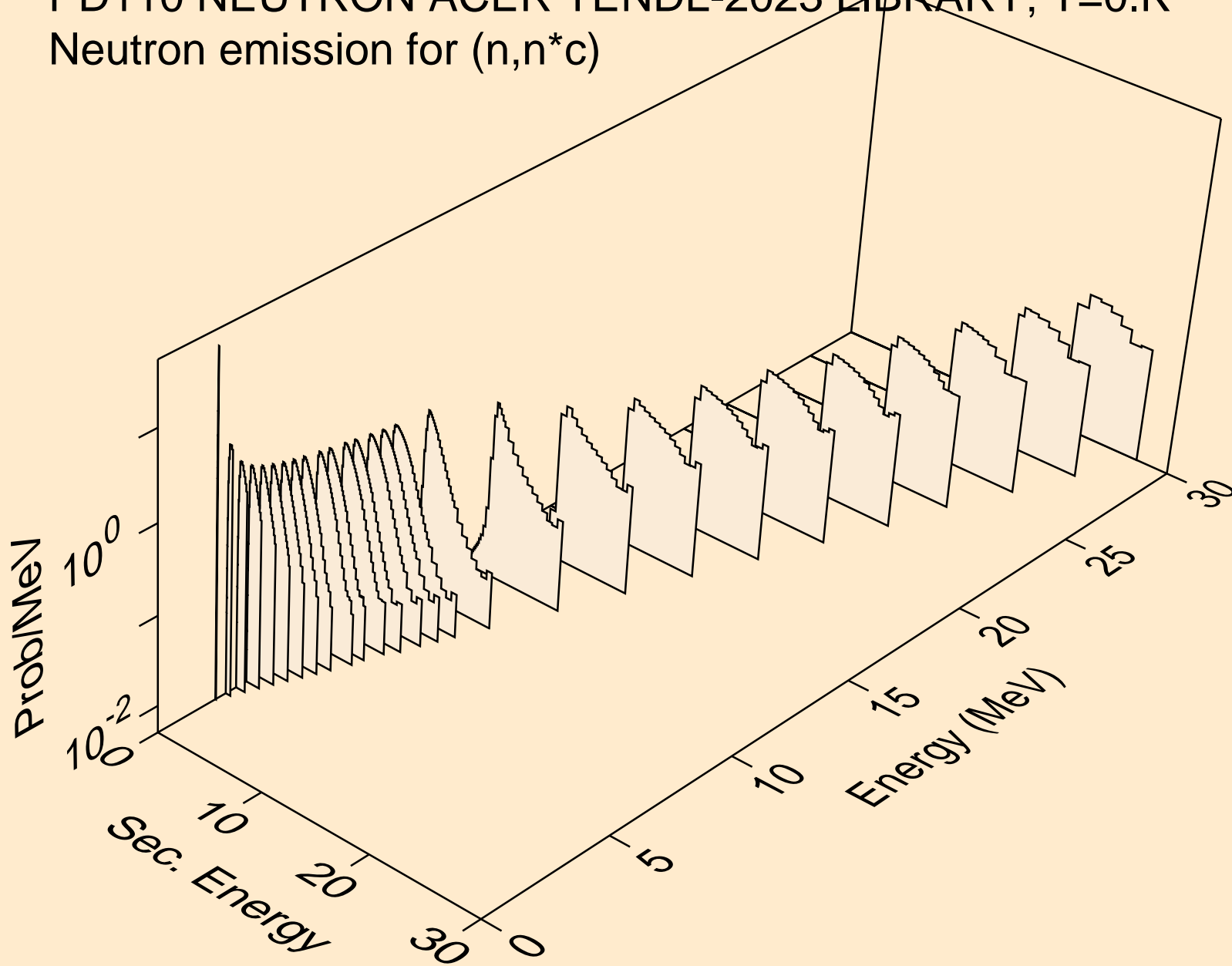




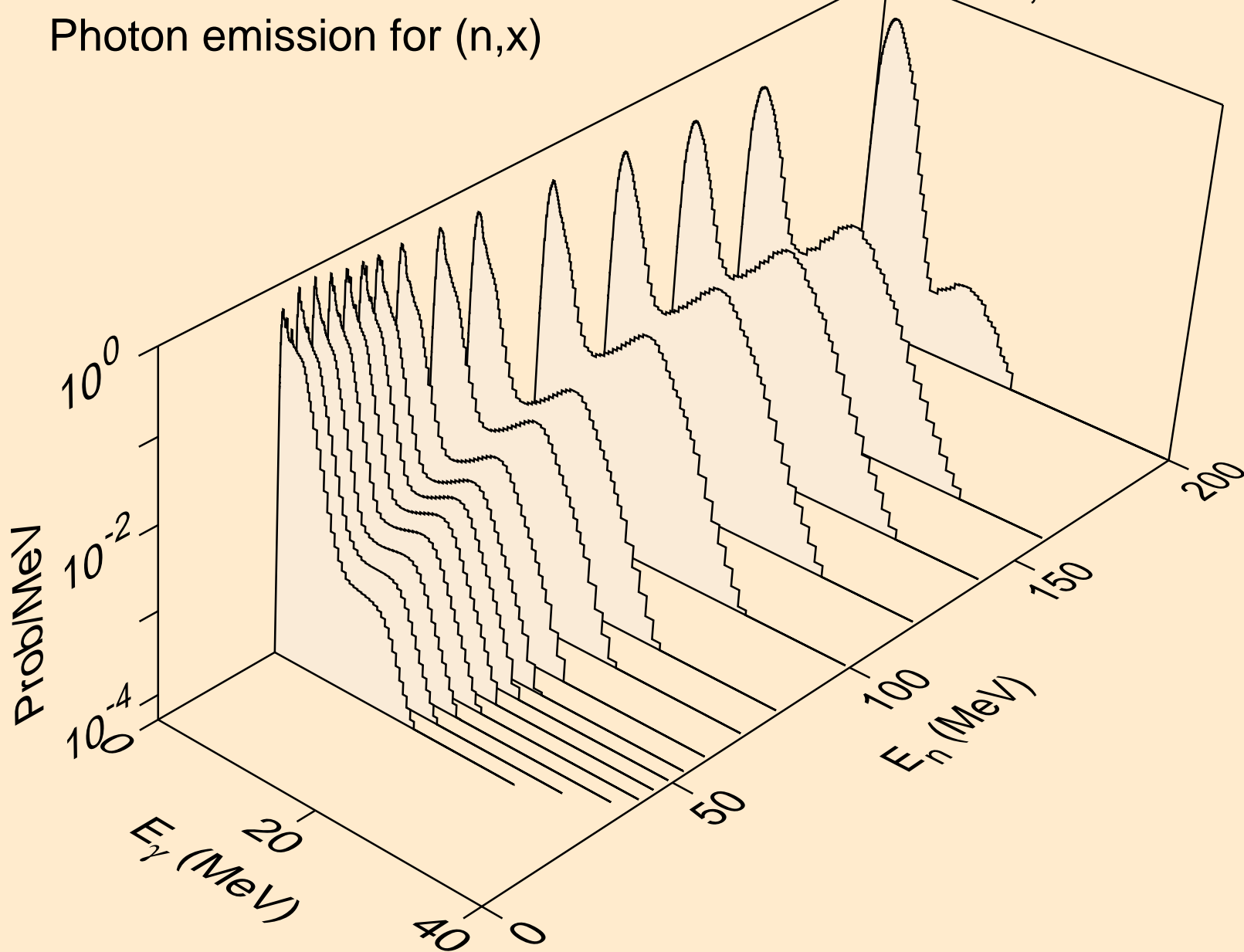
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



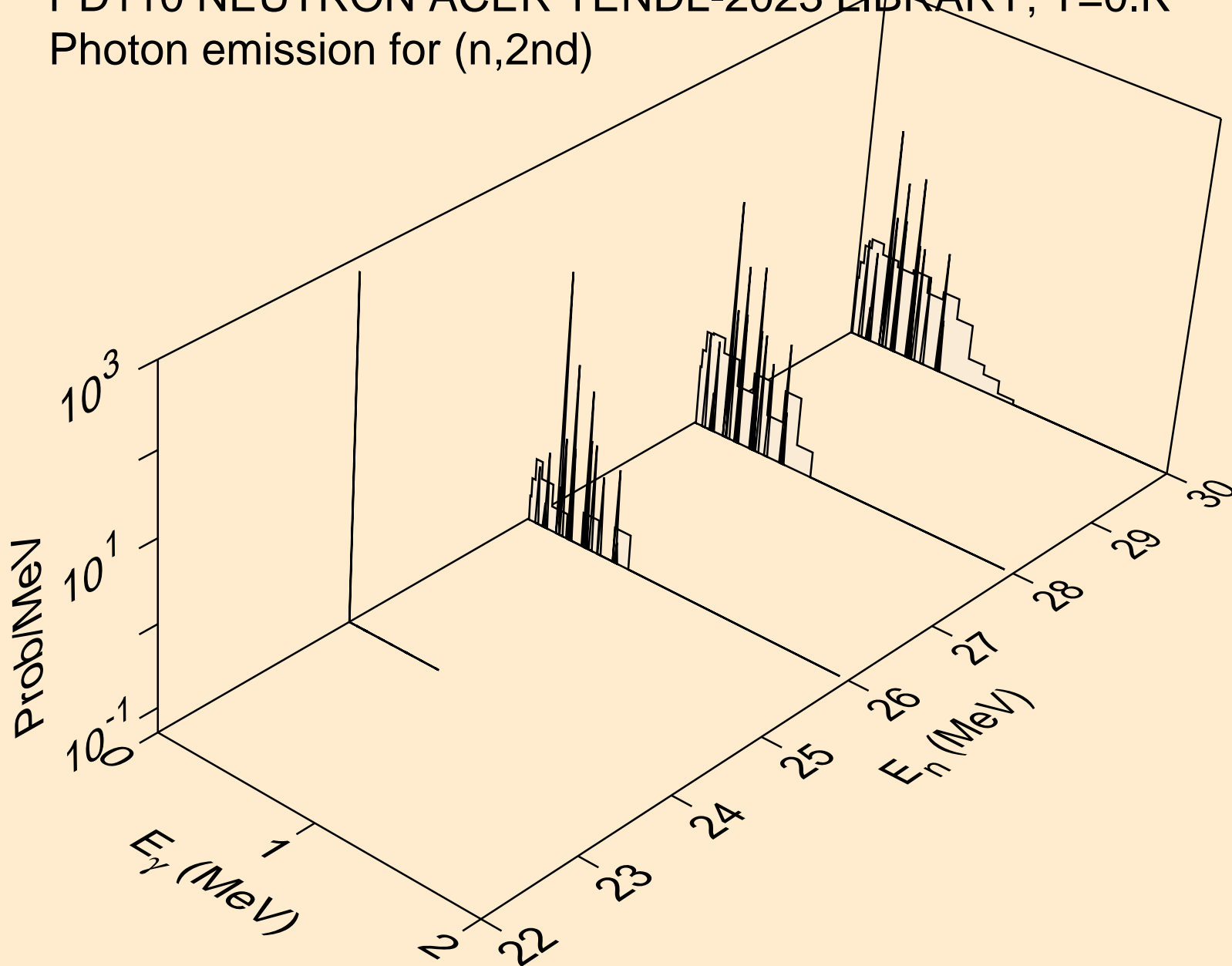
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



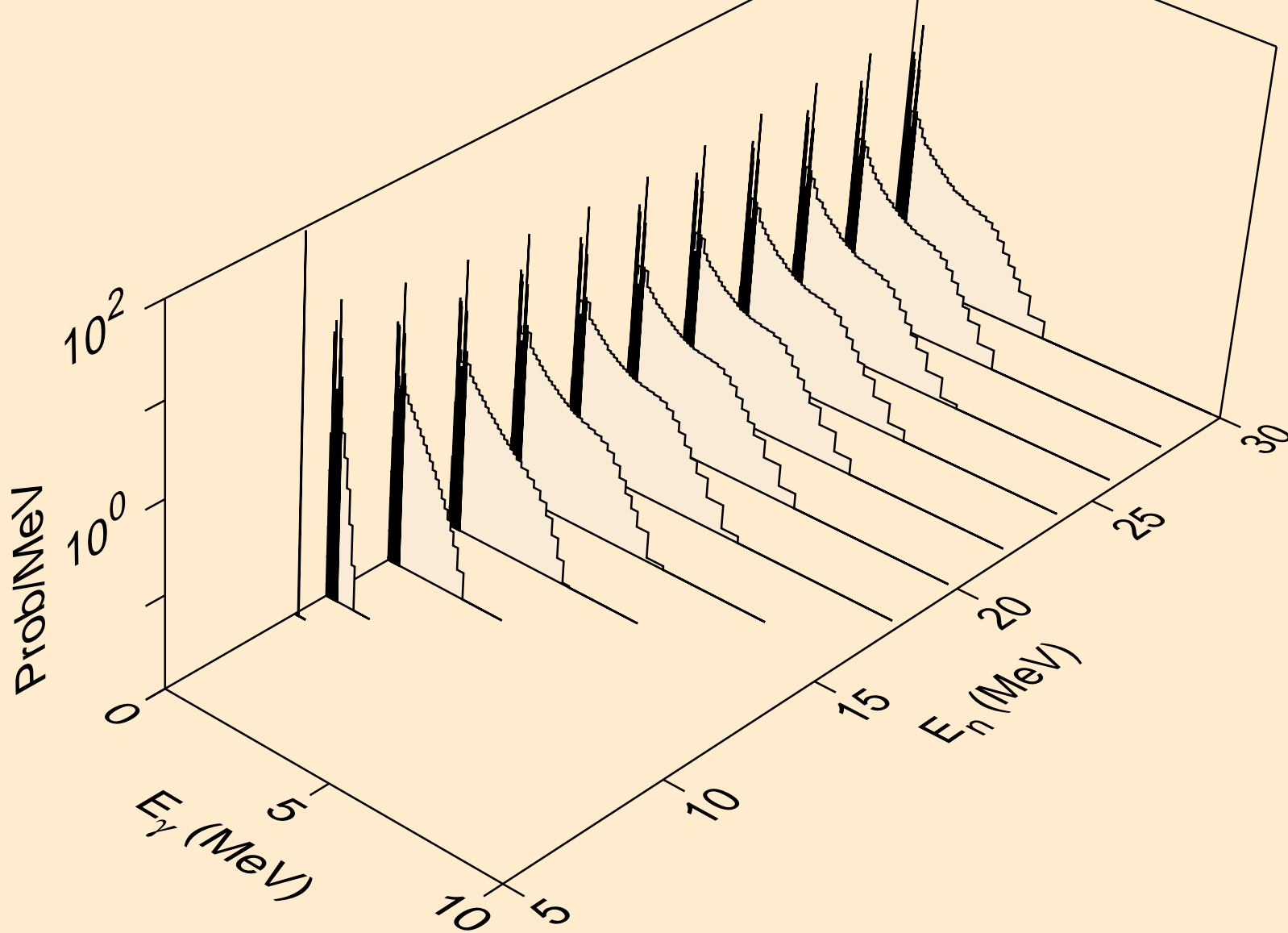
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



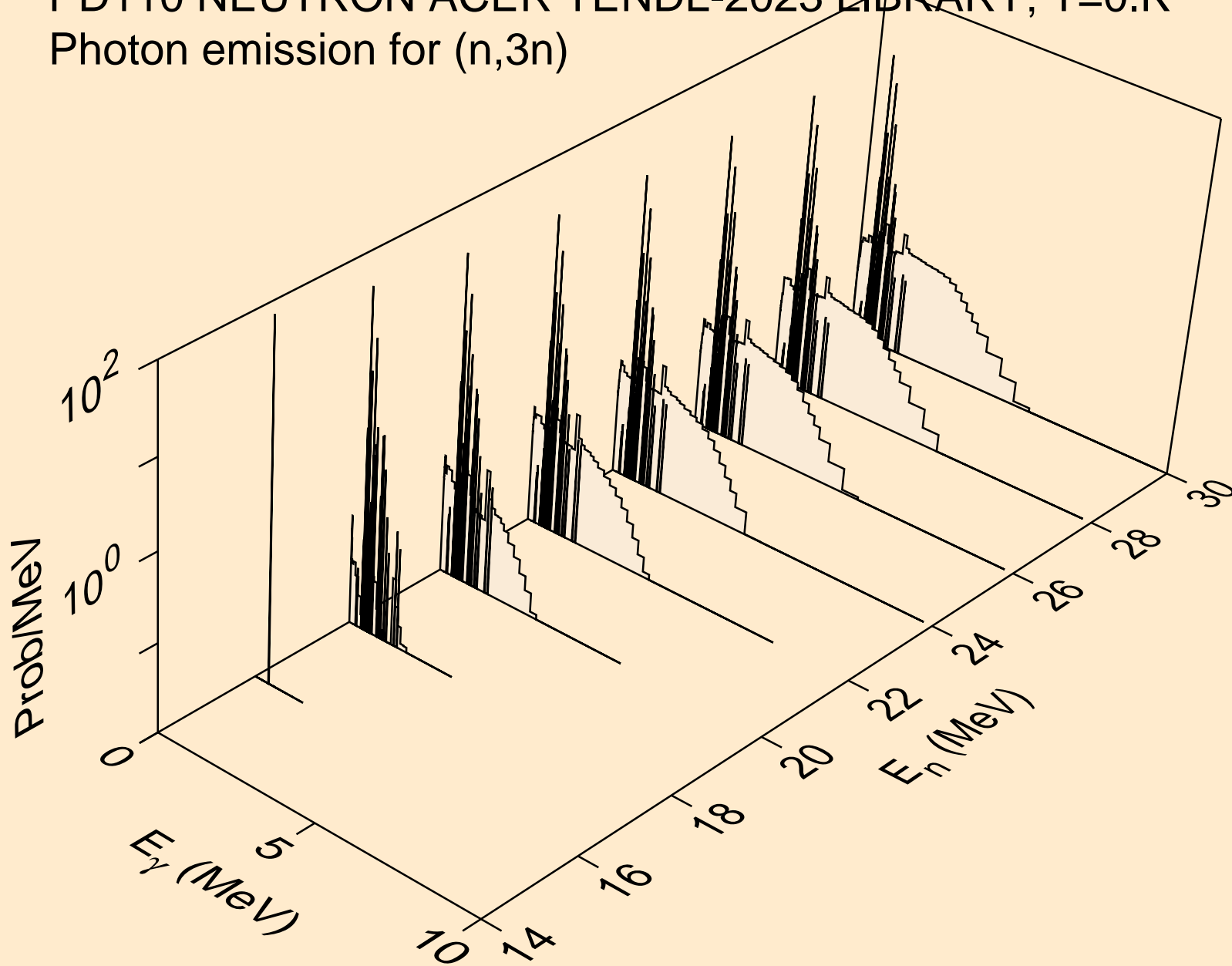
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Photon emission for (n,2nd)



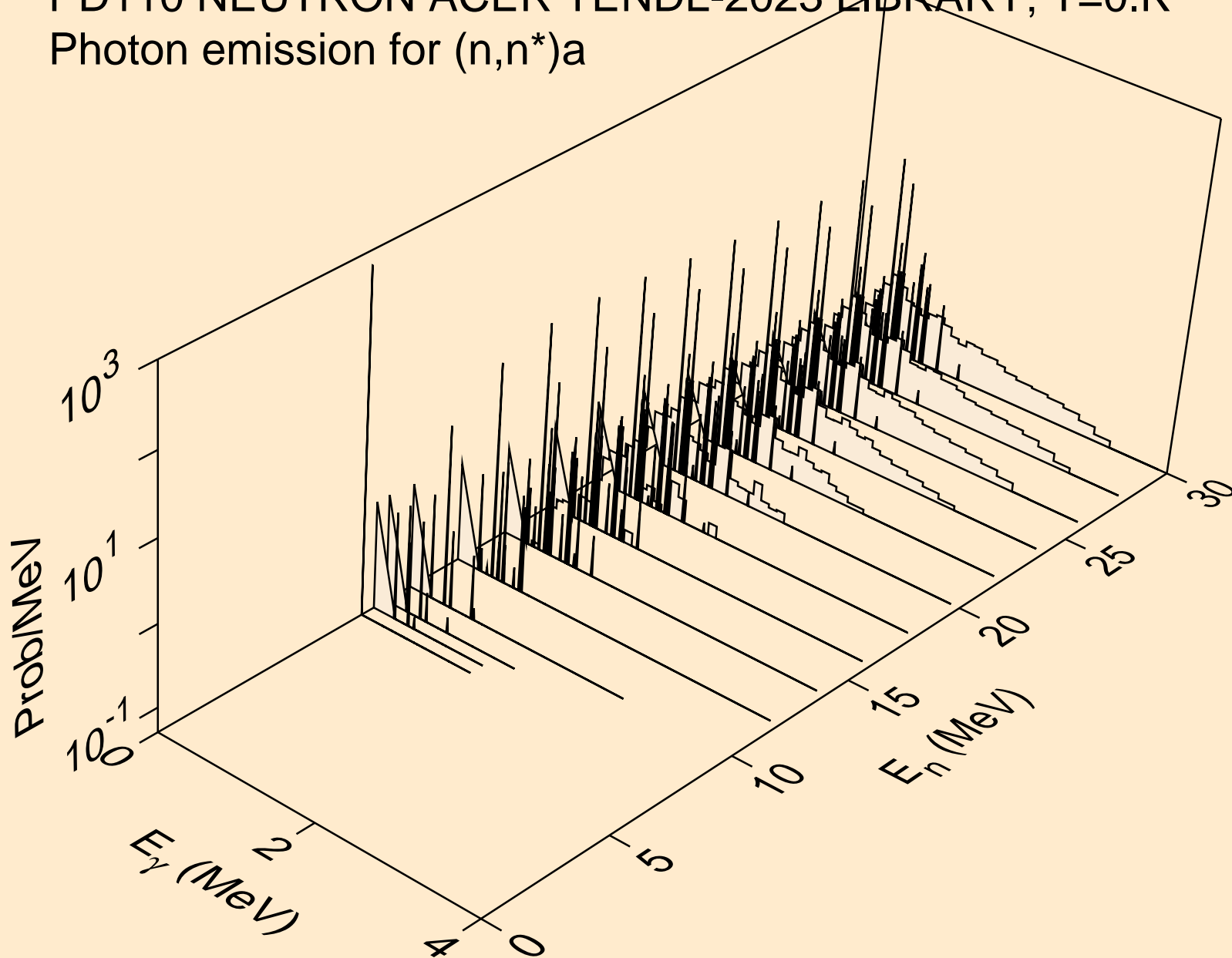
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



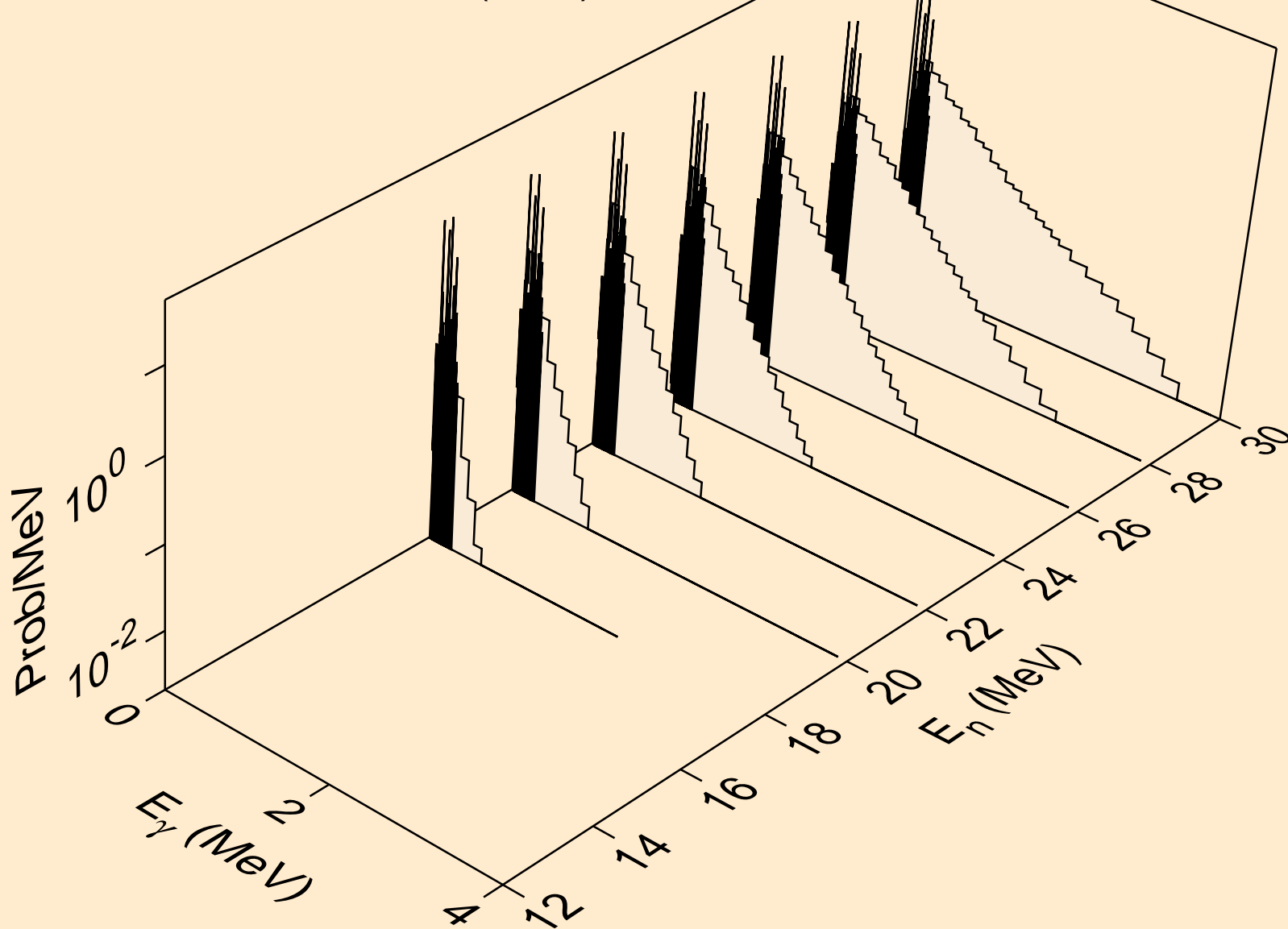
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

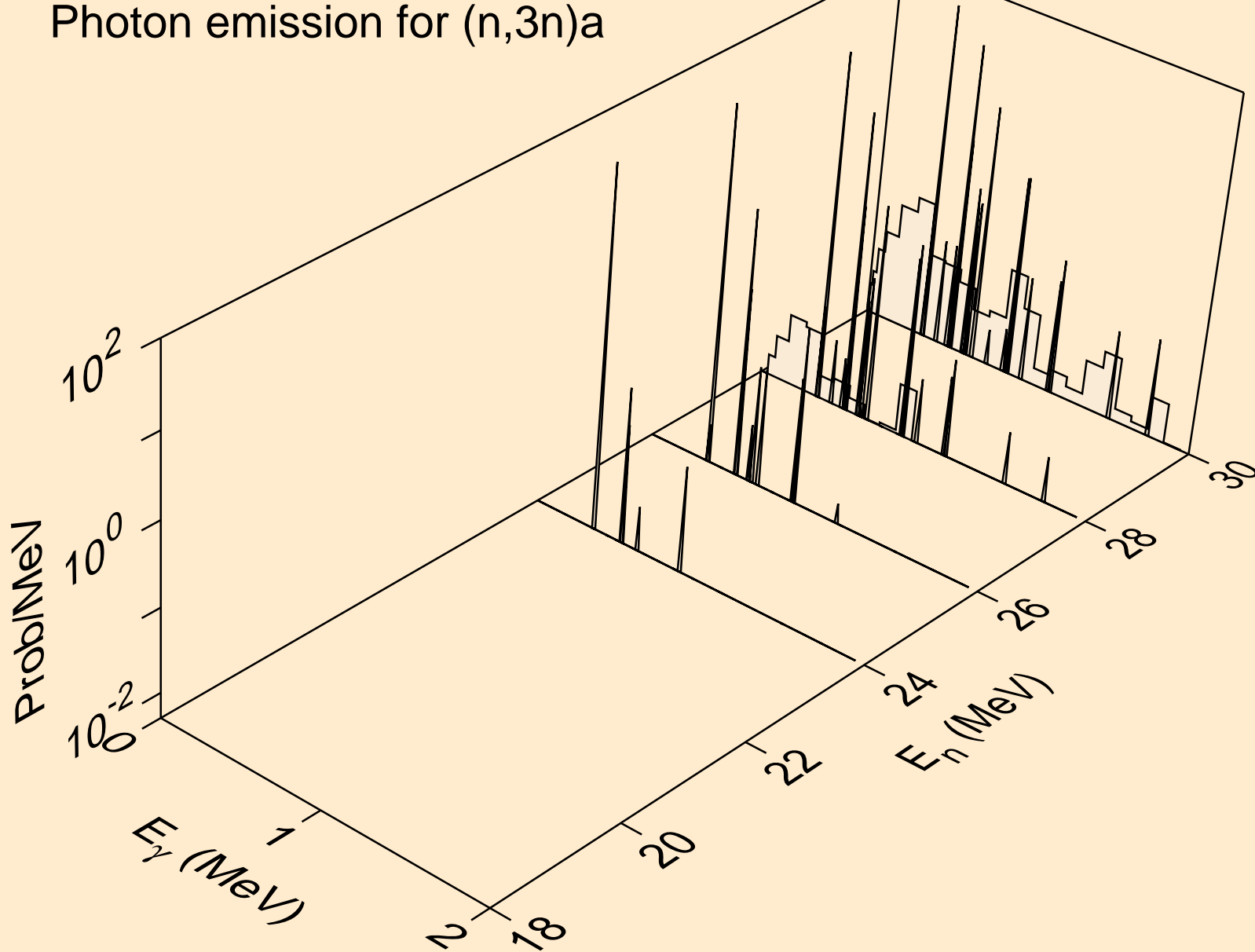


PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

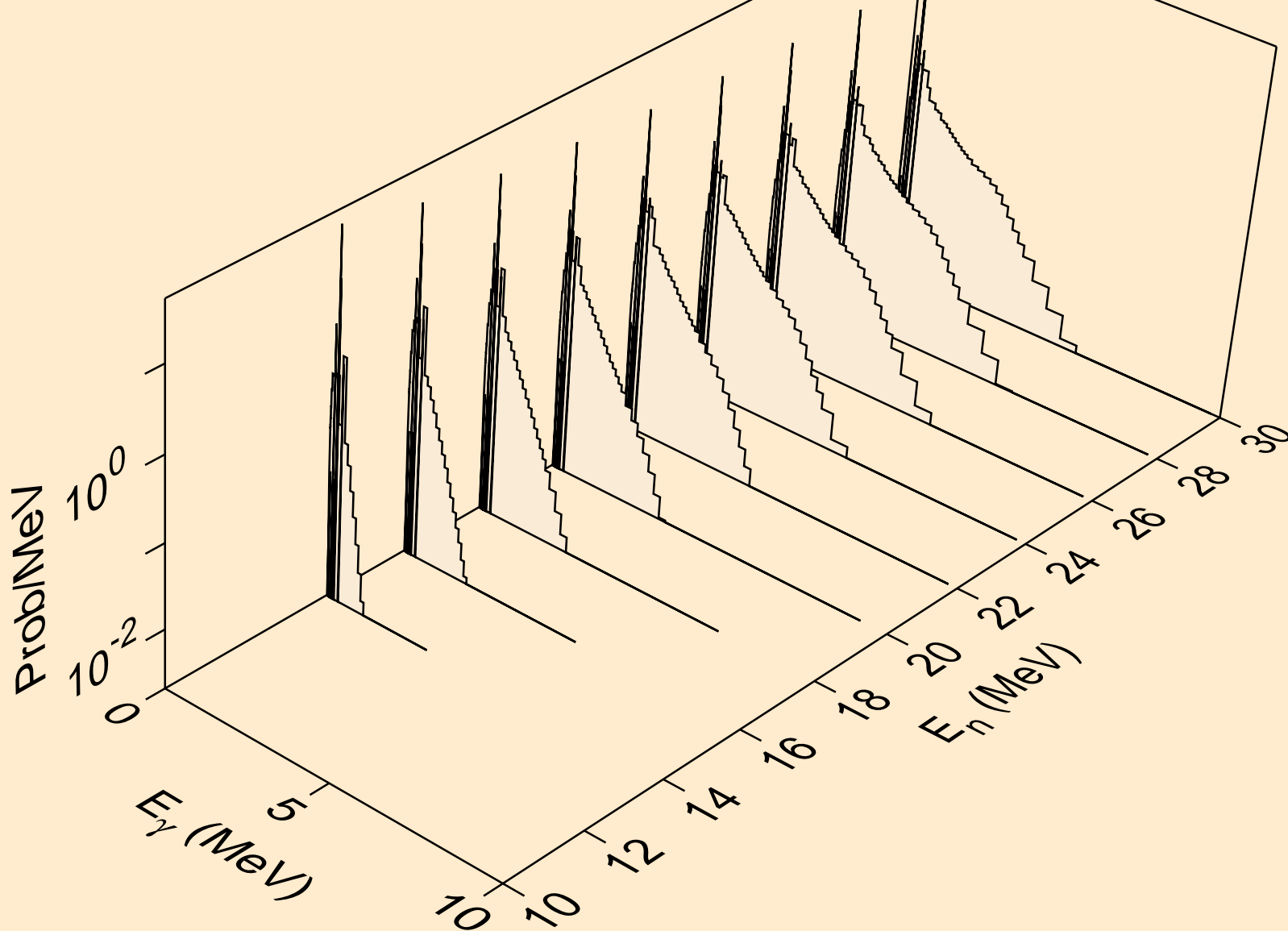




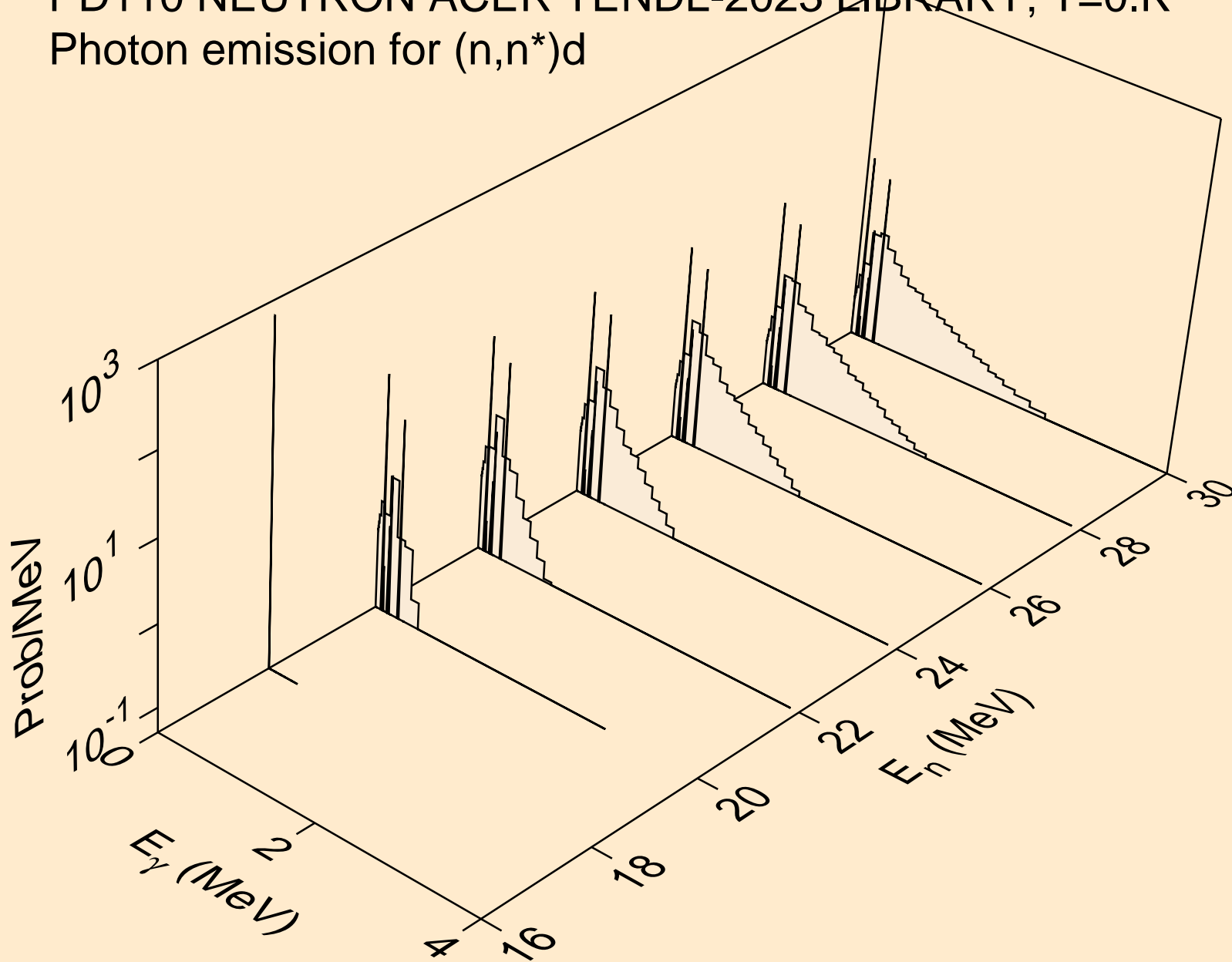
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



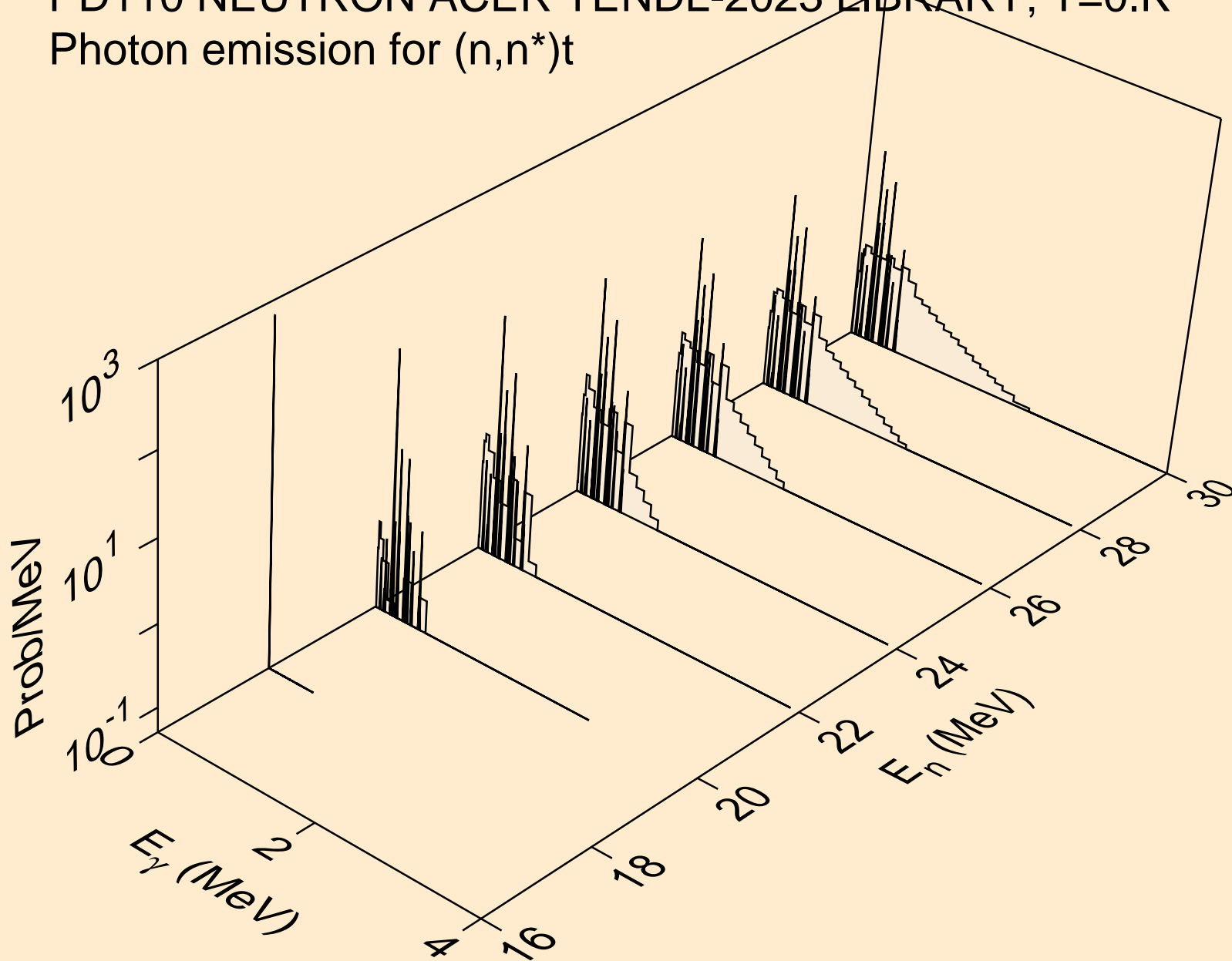
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



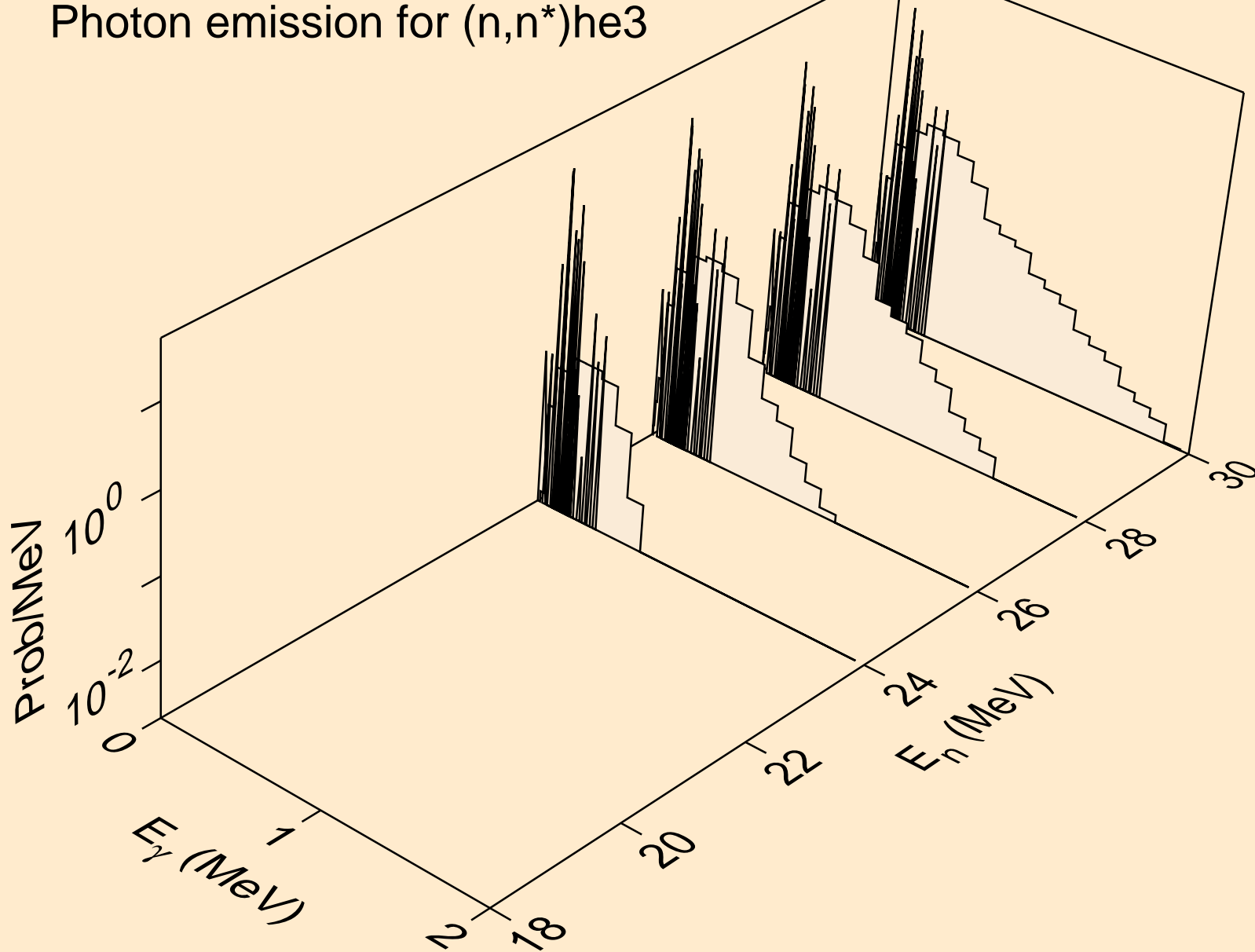
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Photon emission for (n,n\*)d



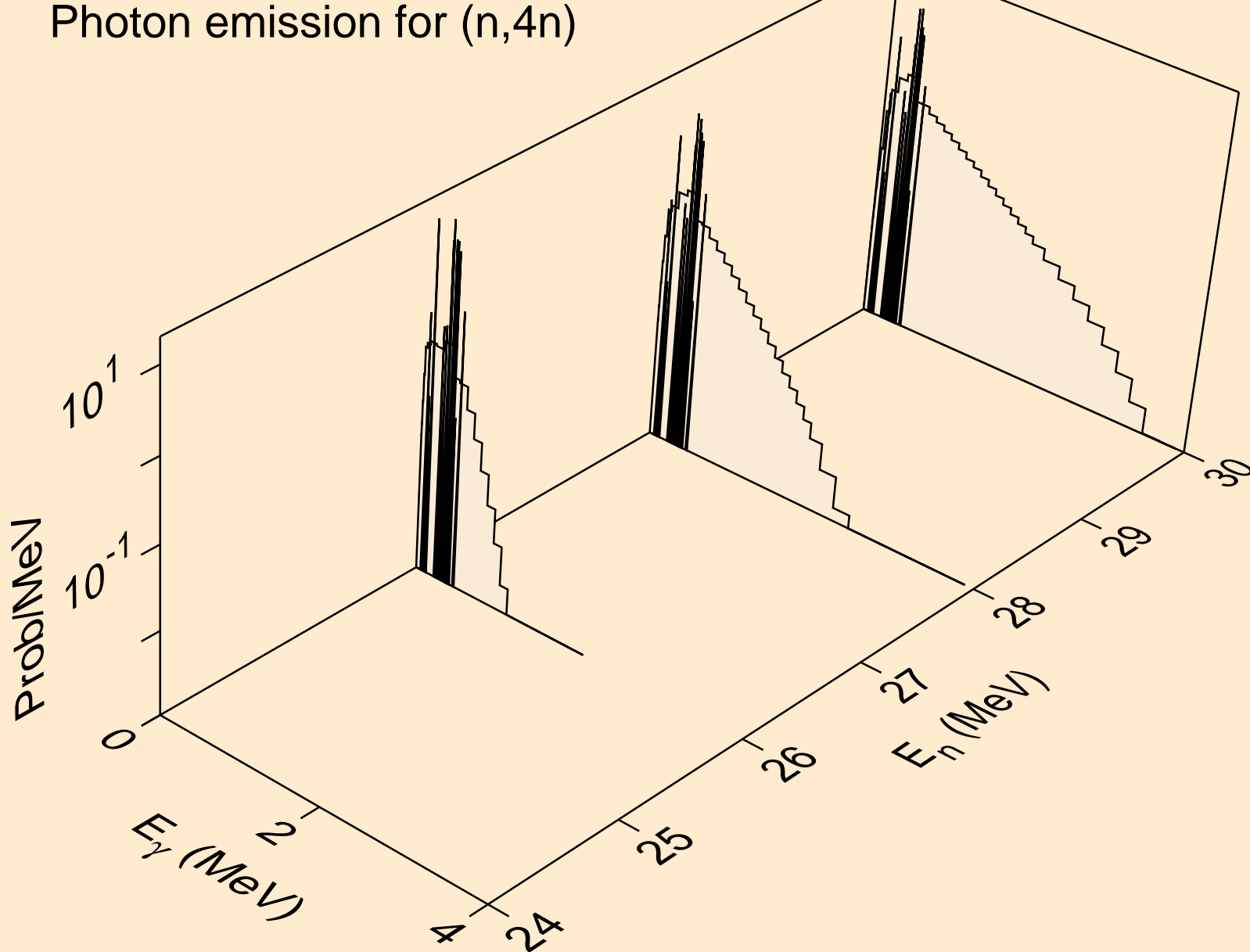
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



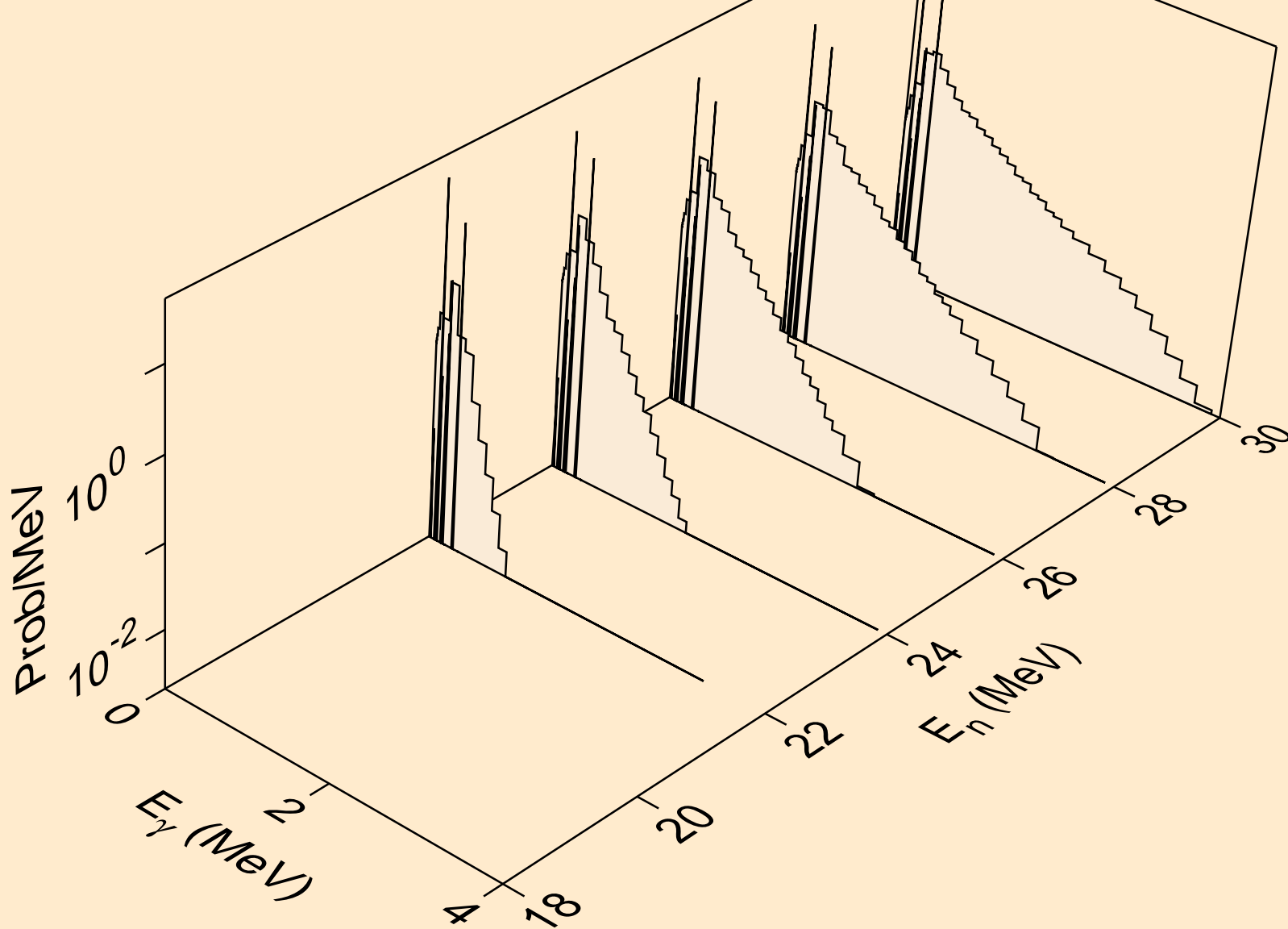
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



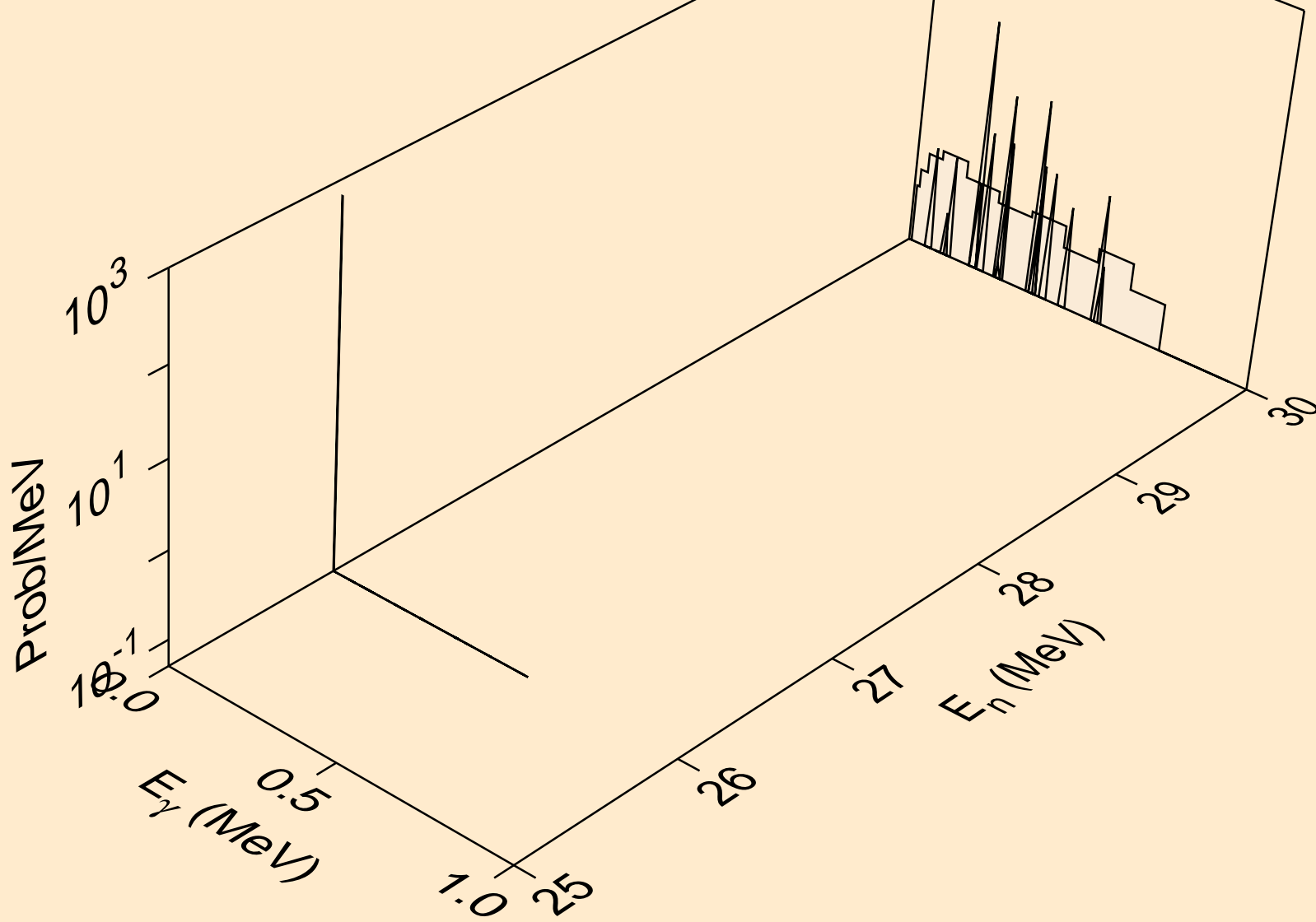
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

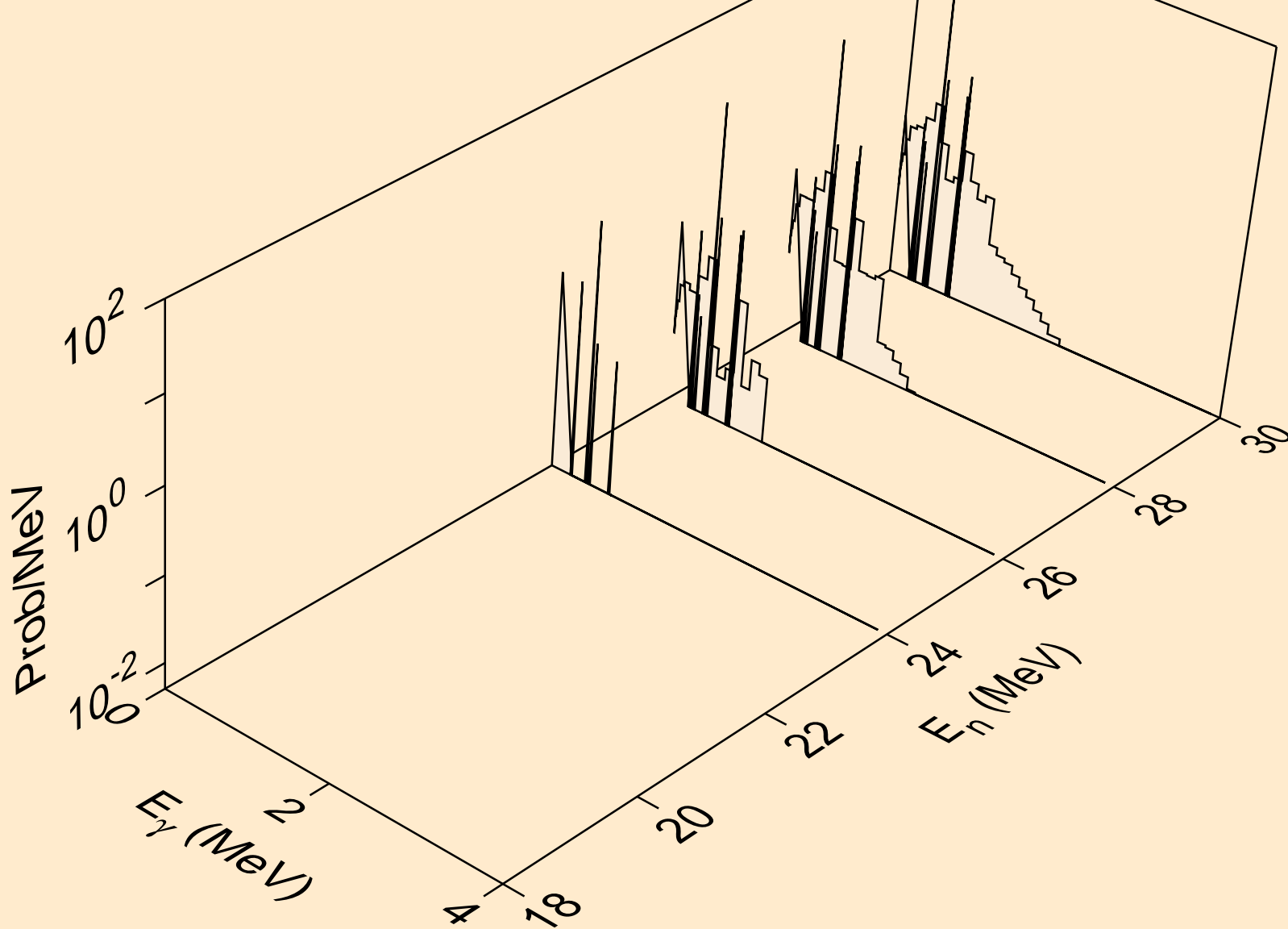


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Photon emission for (n,3np)

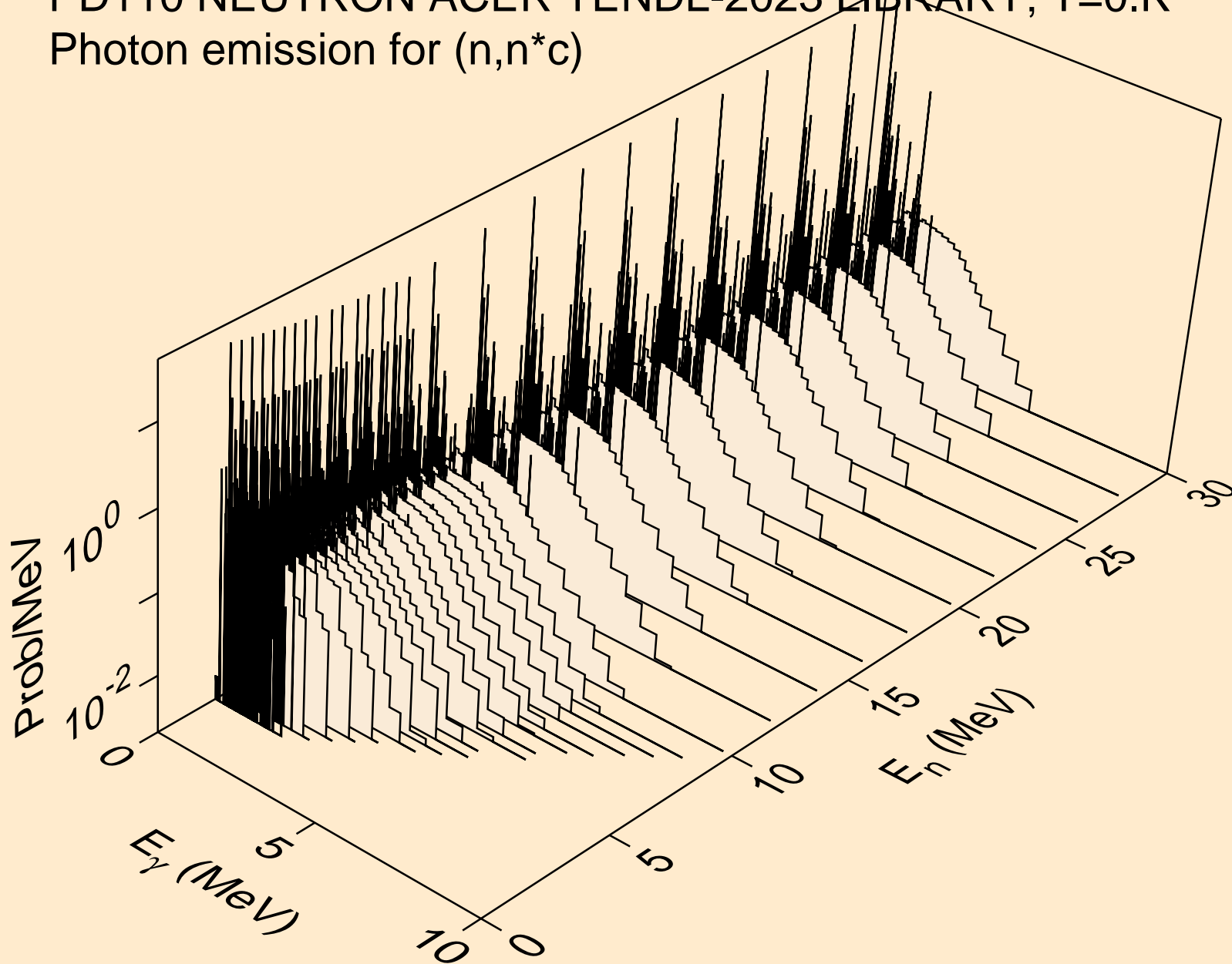




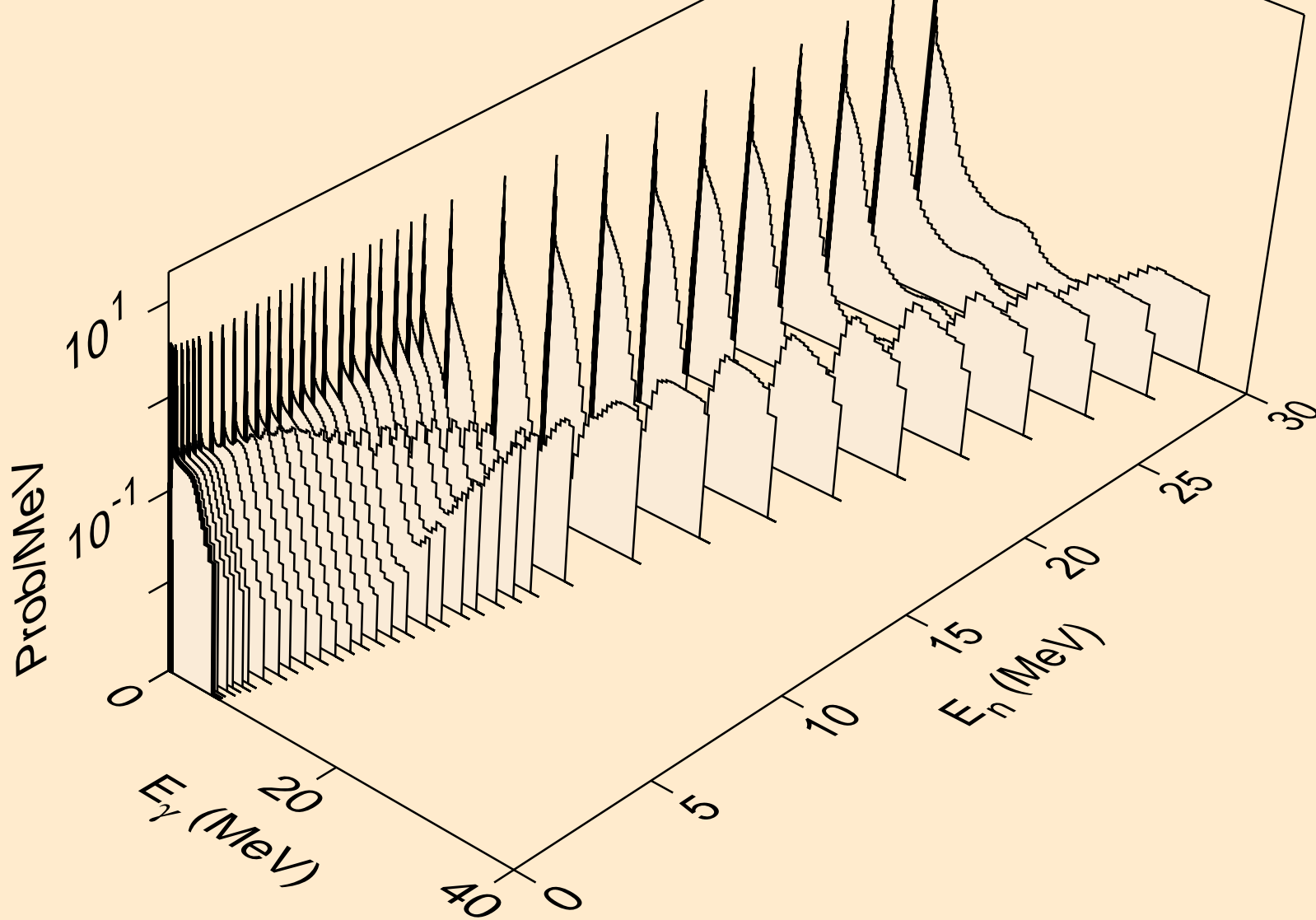
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



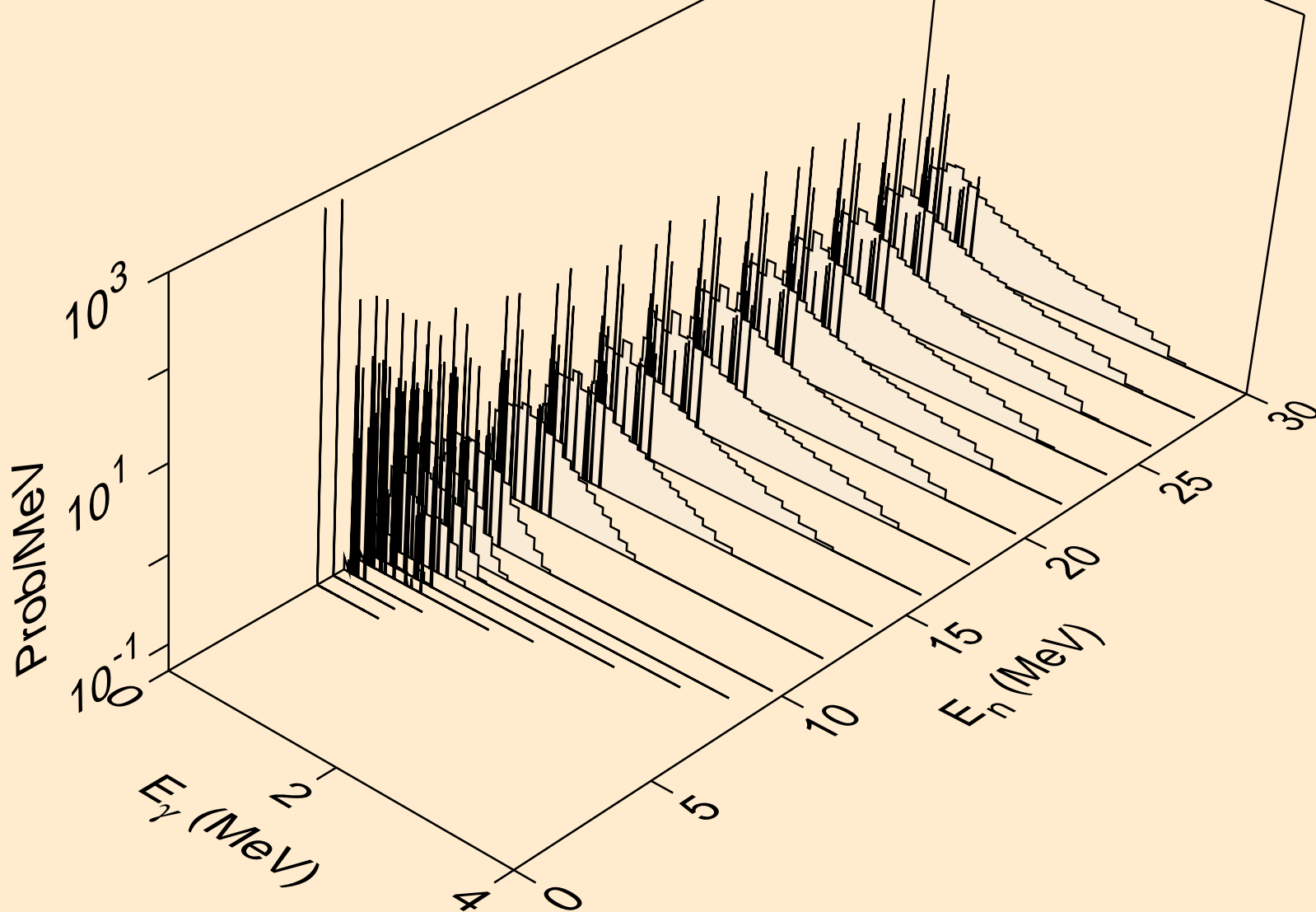
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Photon emission for (n,n\*c)



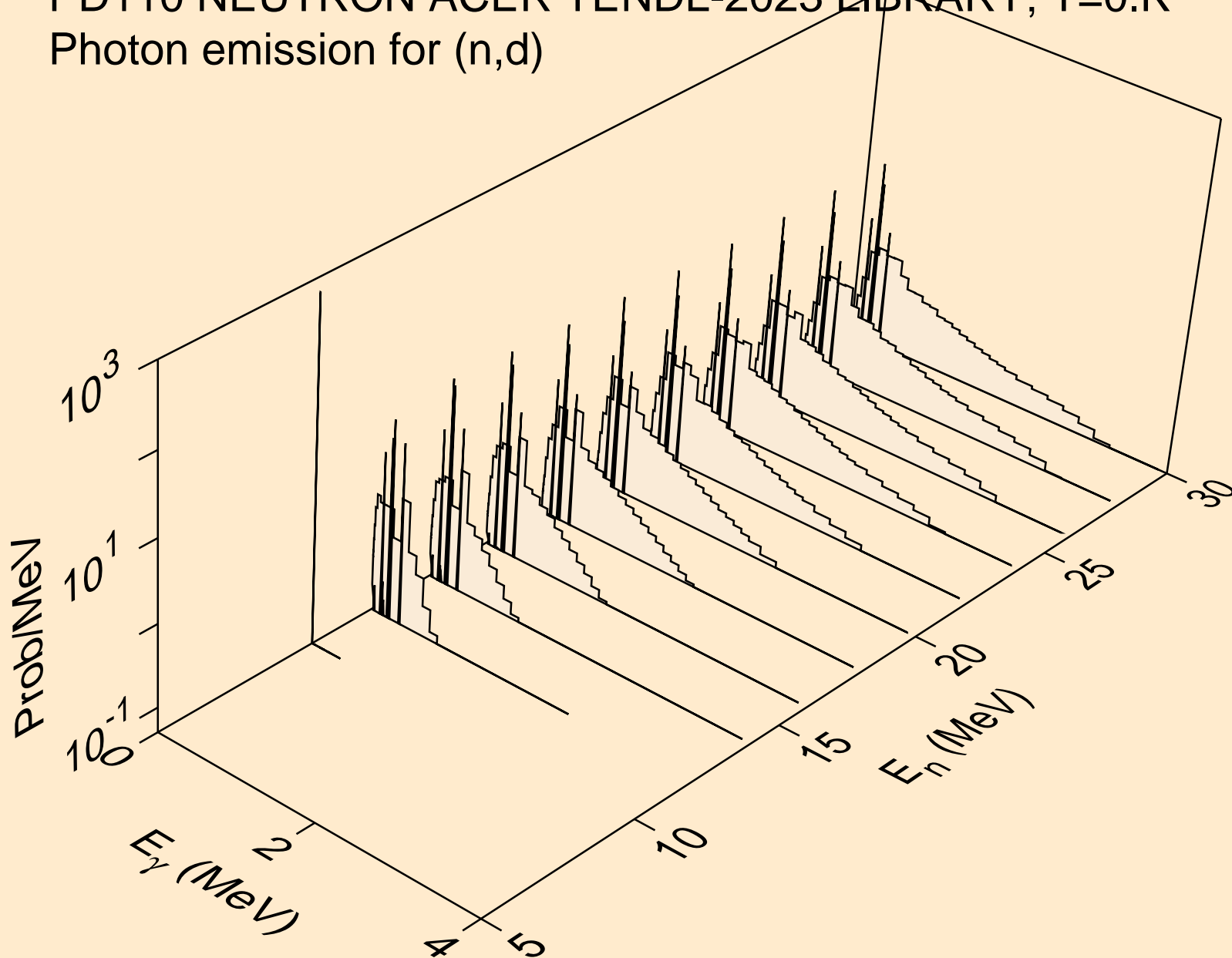
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Photon emission for (n,gma)



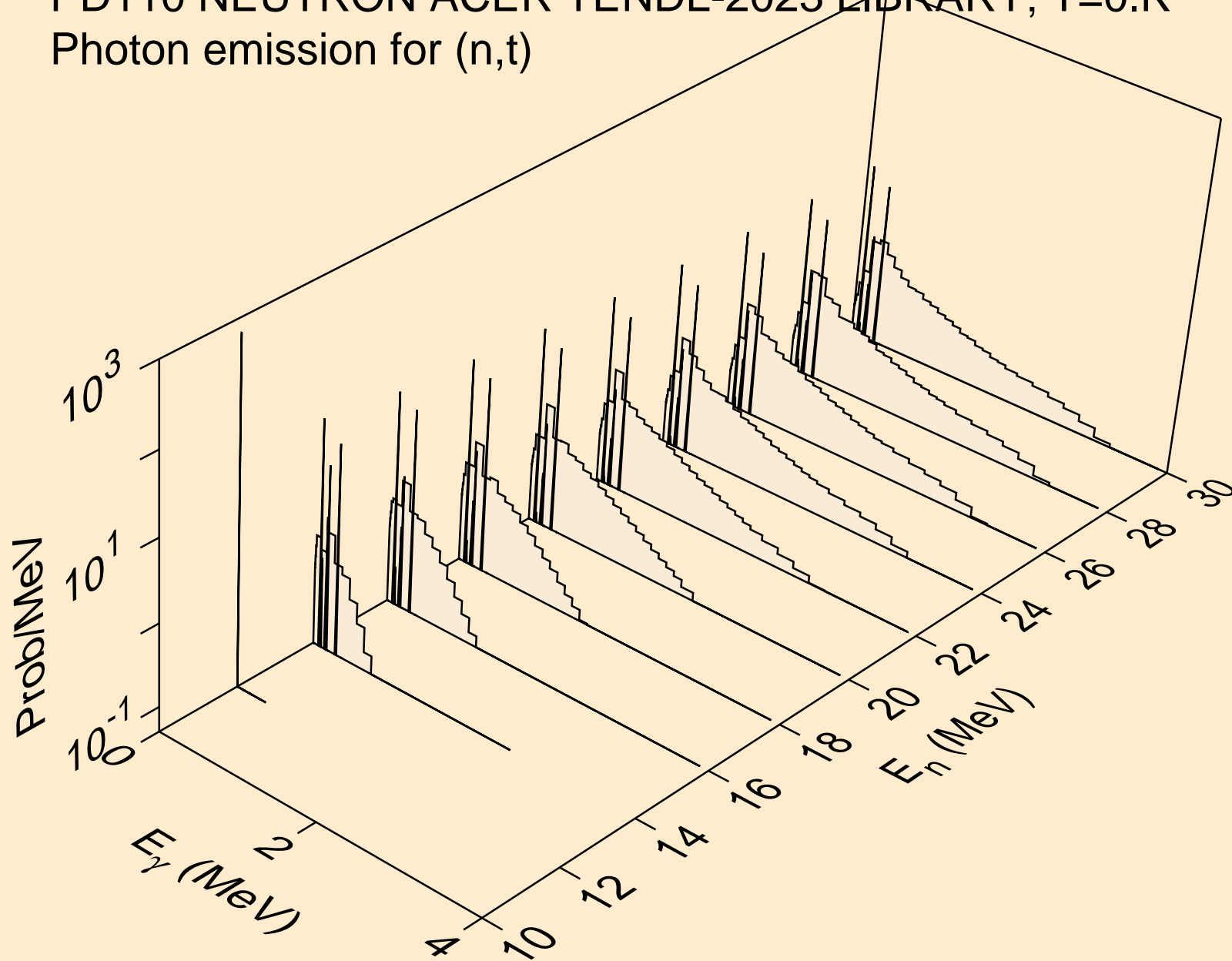
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Photon emission for (n,p)



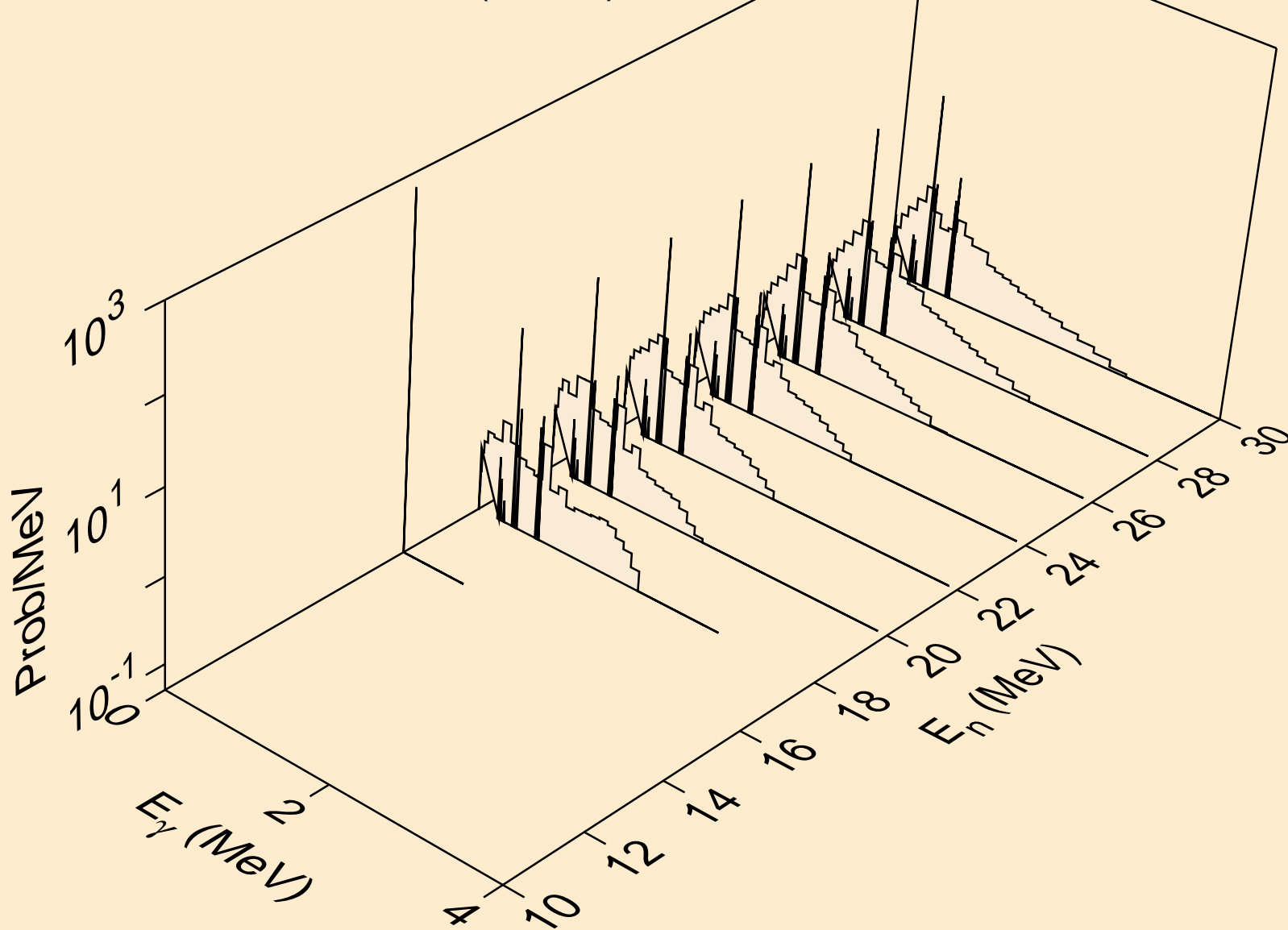
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Photon emission for (n,d)



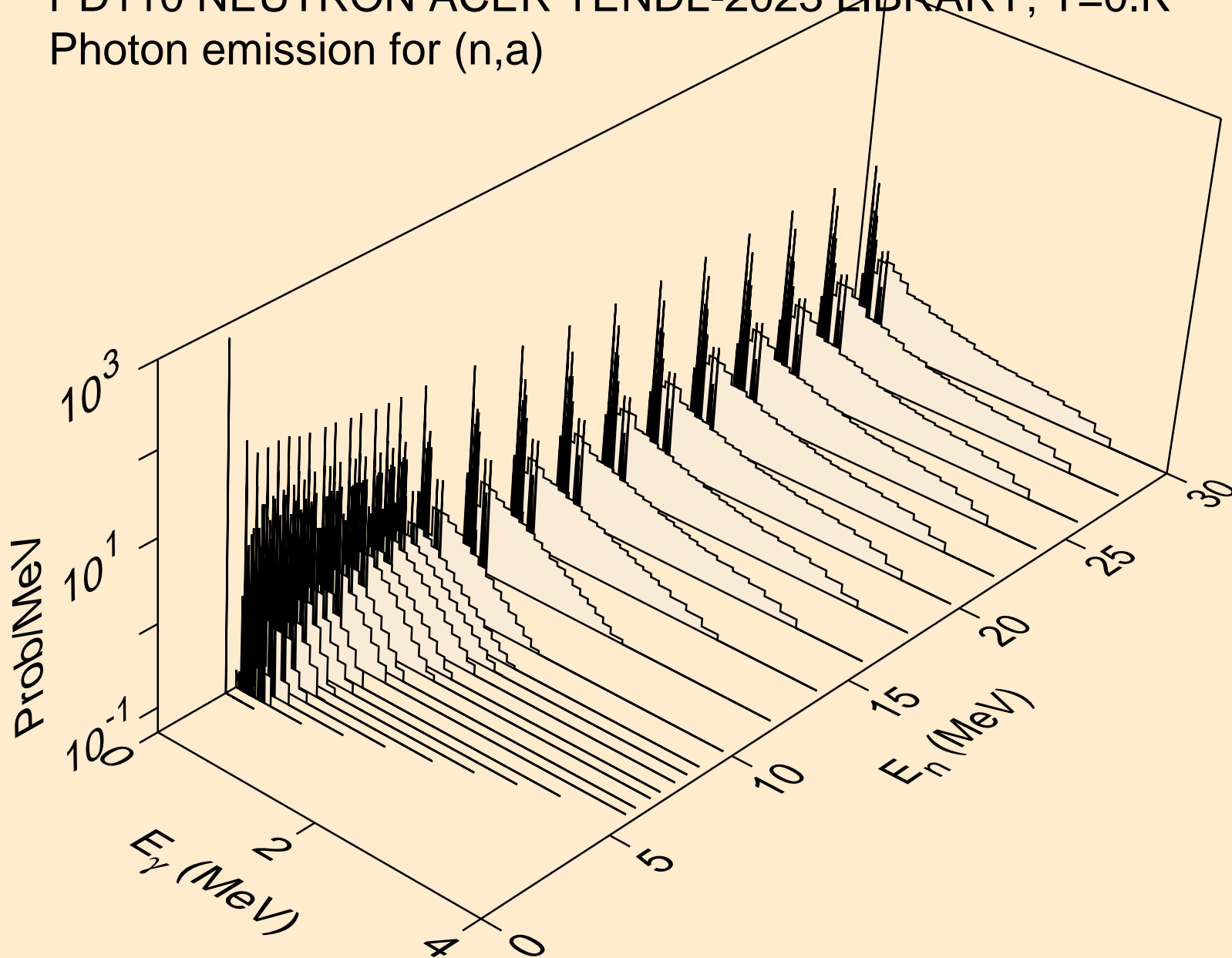
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

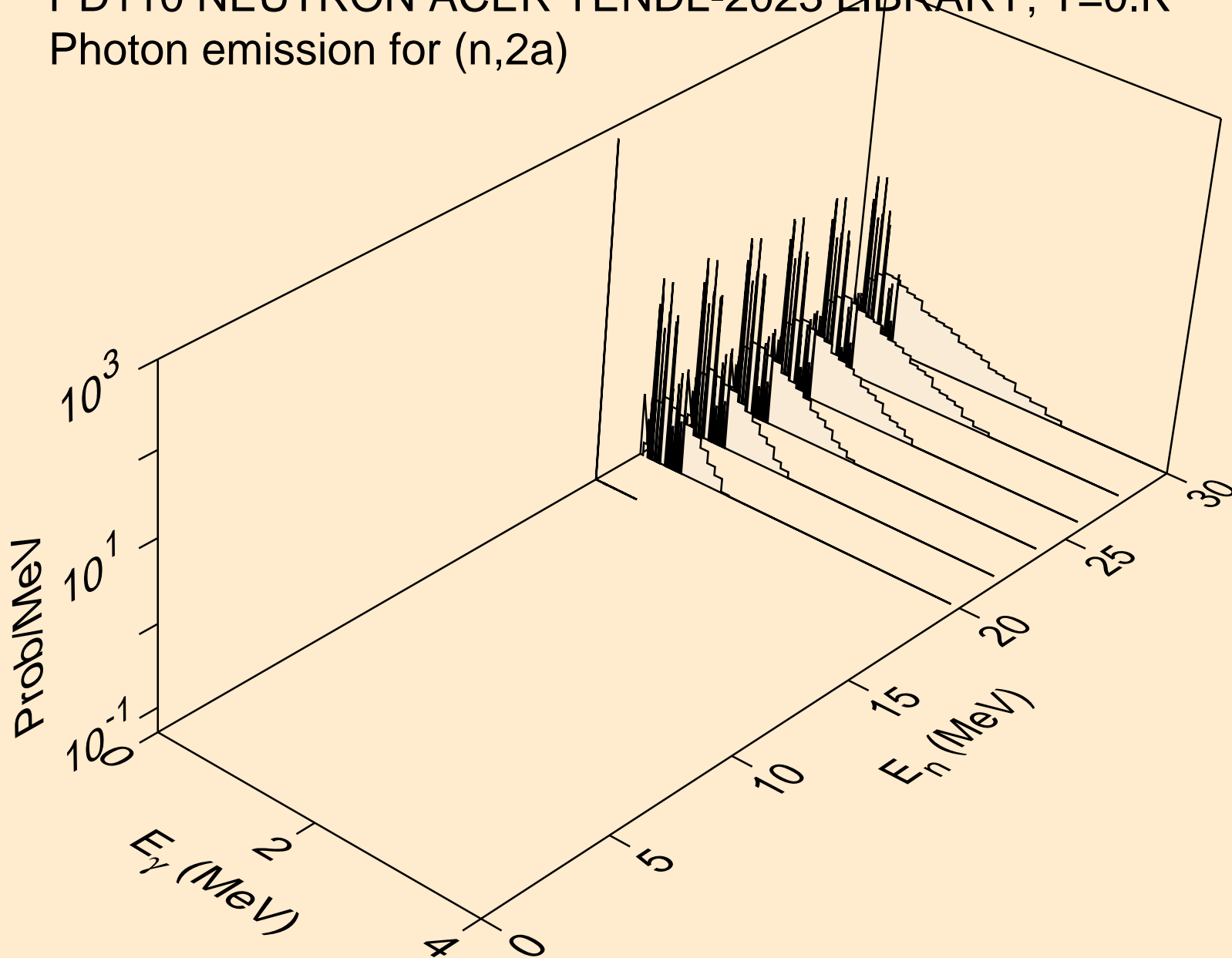


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Photon emission for (n,a)

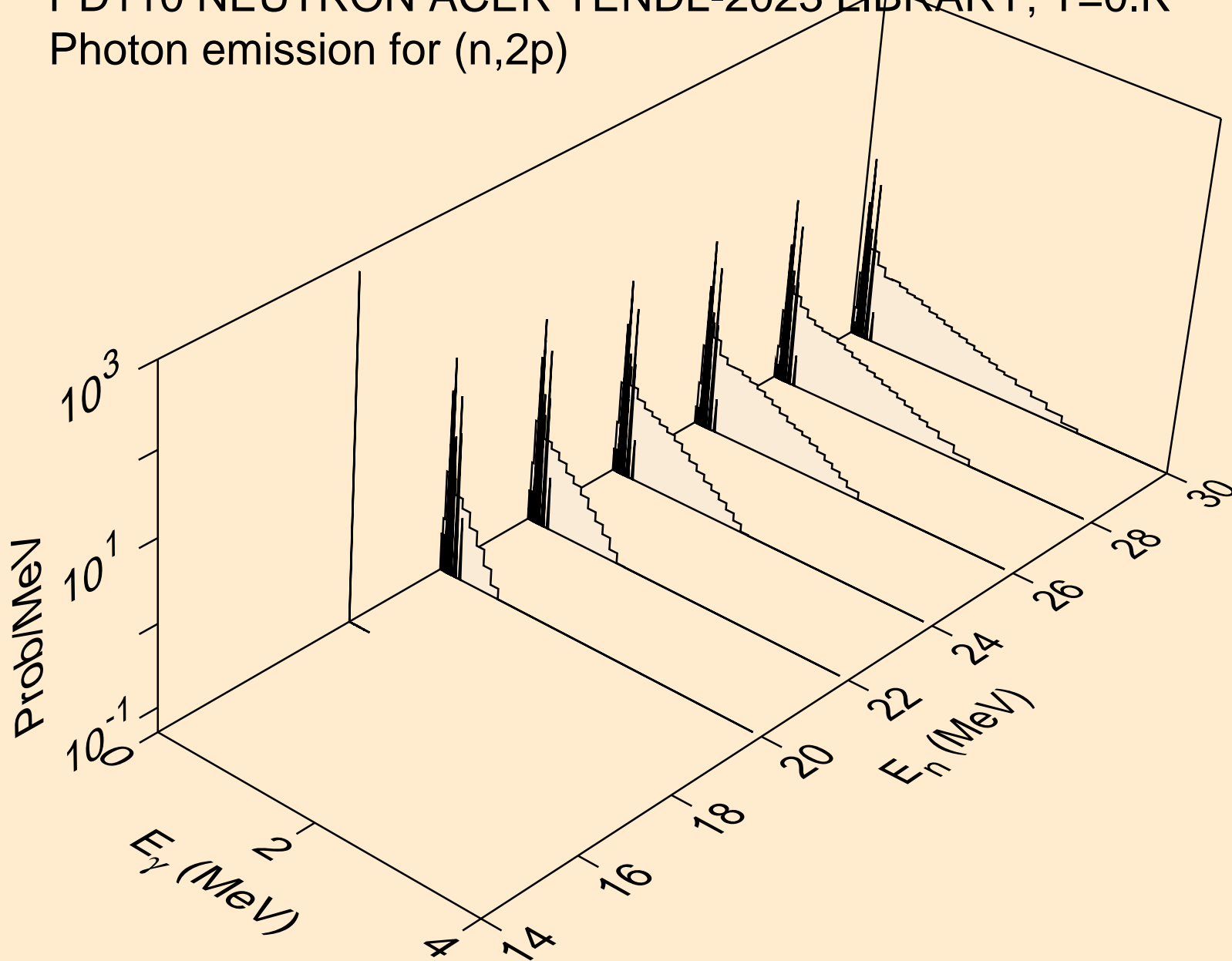




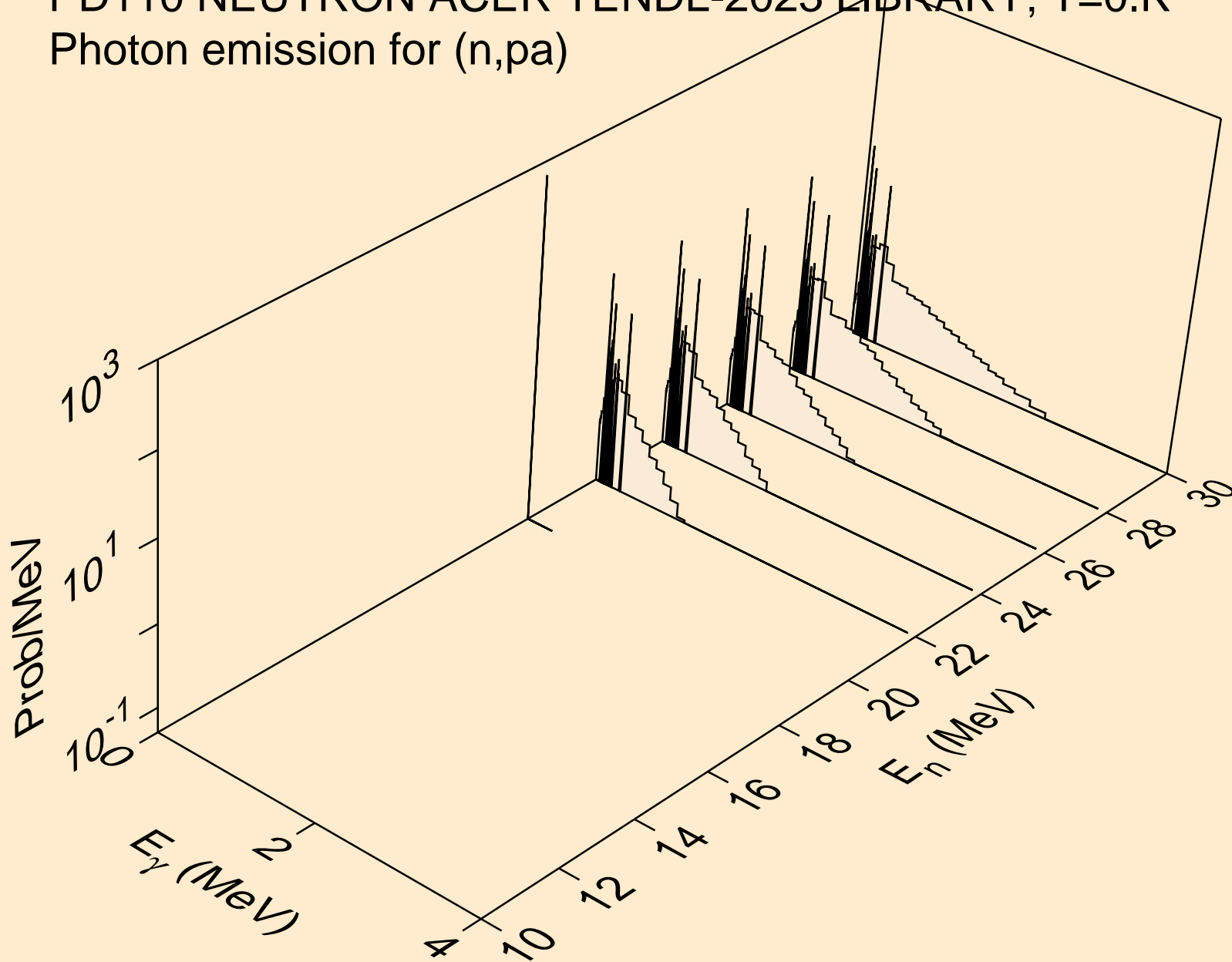
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Photon emission for (n,2a)



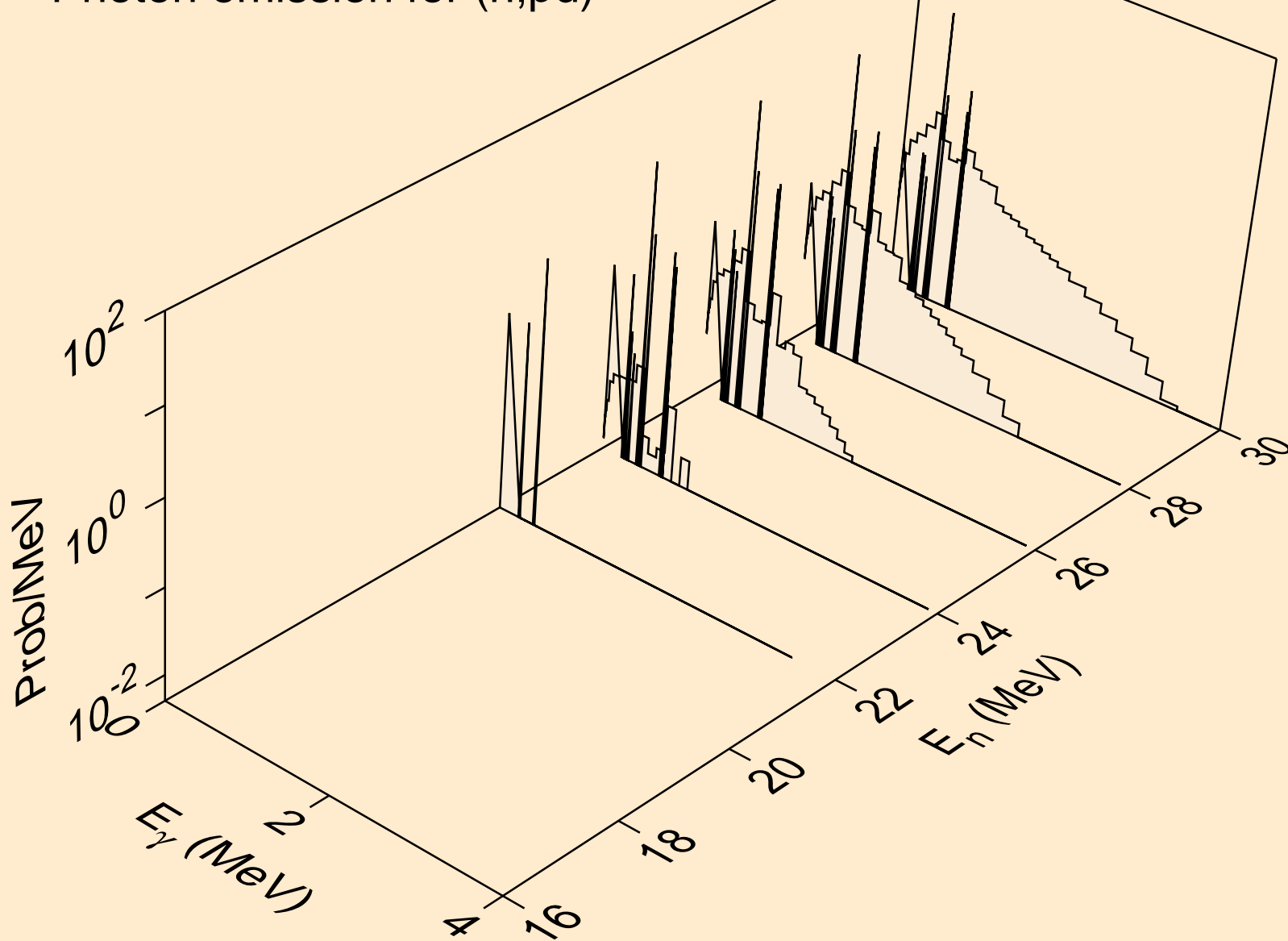
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Photon emission for (n,2p)



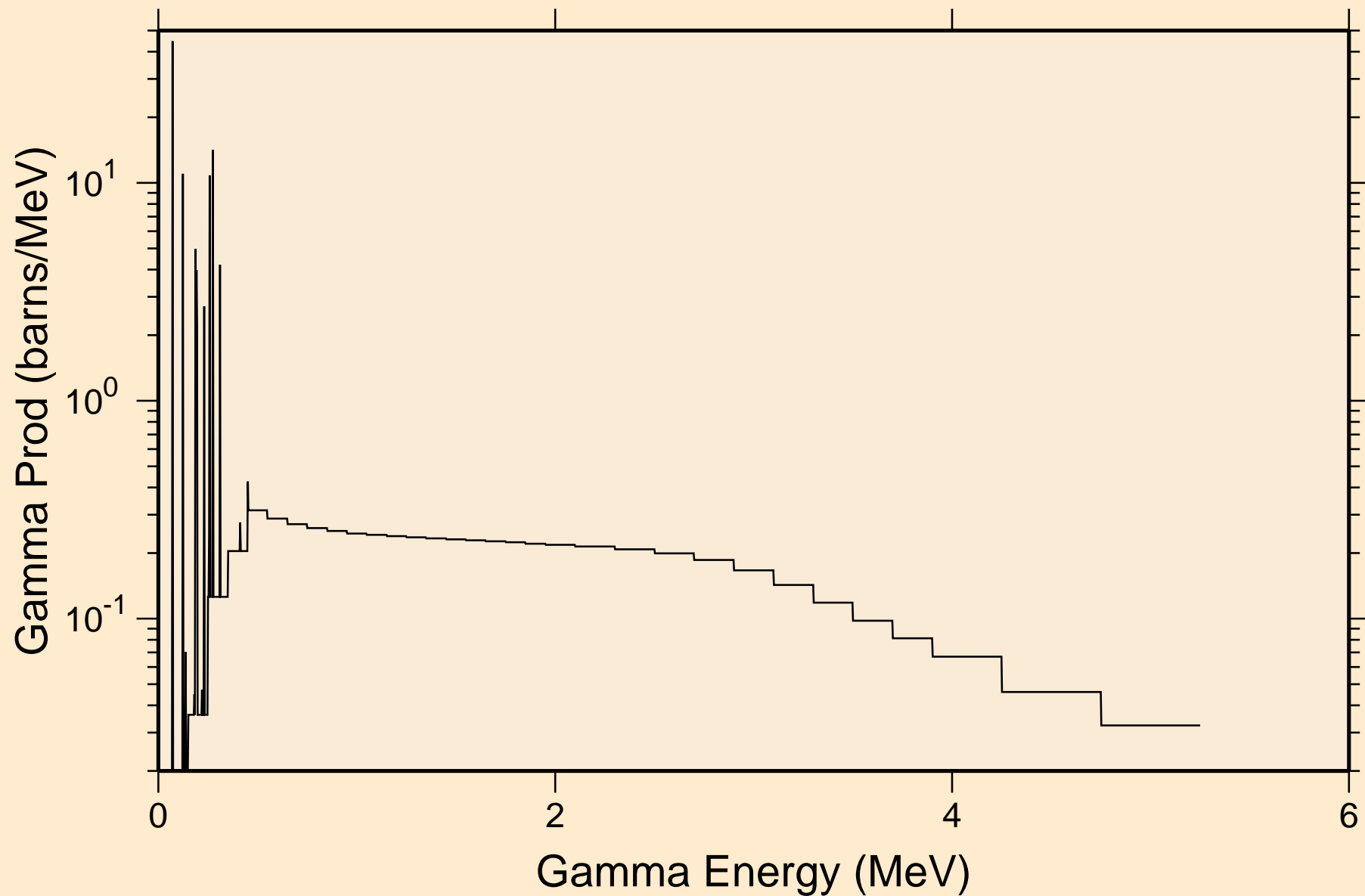
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Photon emission for (n,p $\alpha$ )



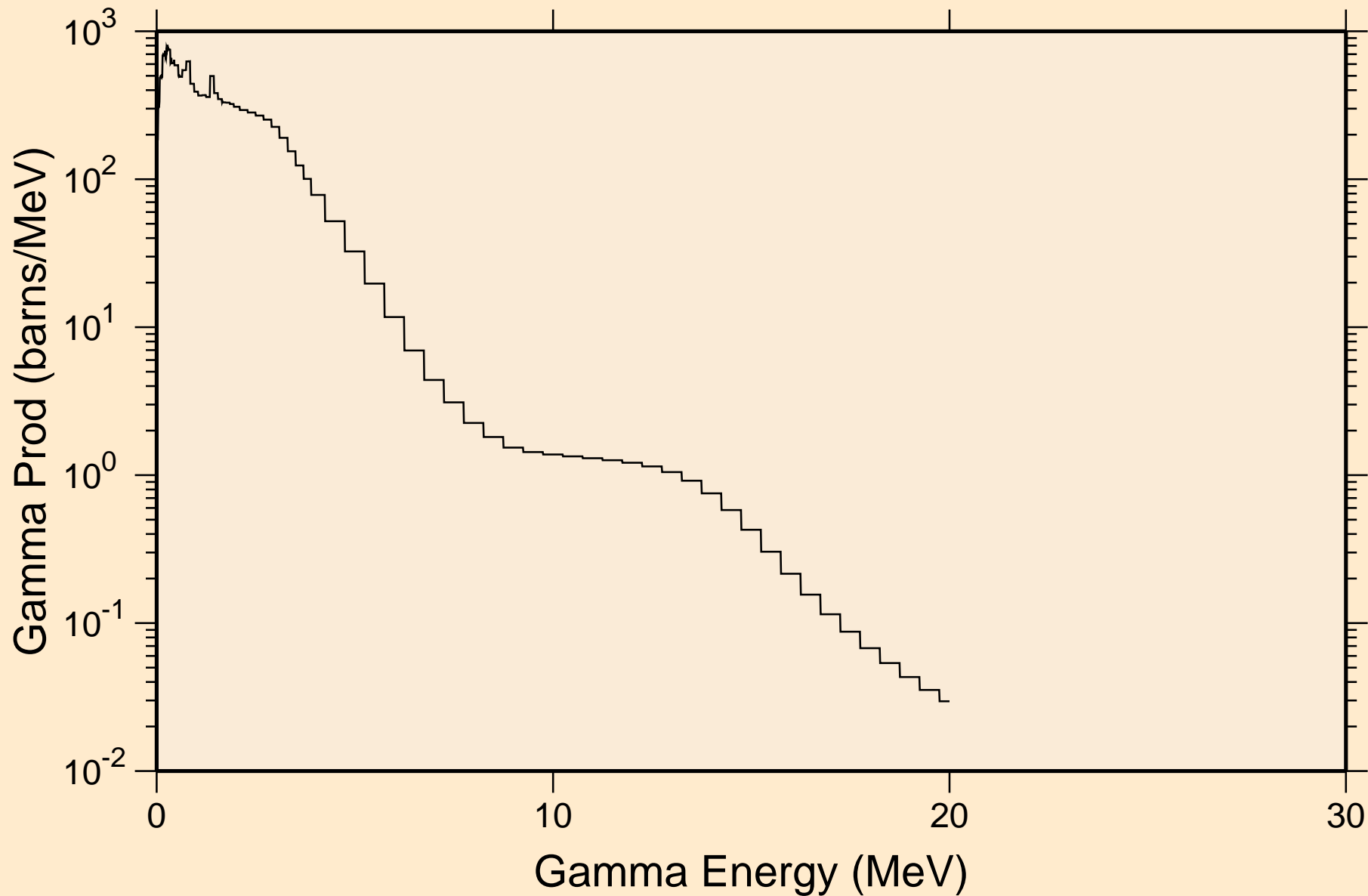
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Photon emission for (n,pd)



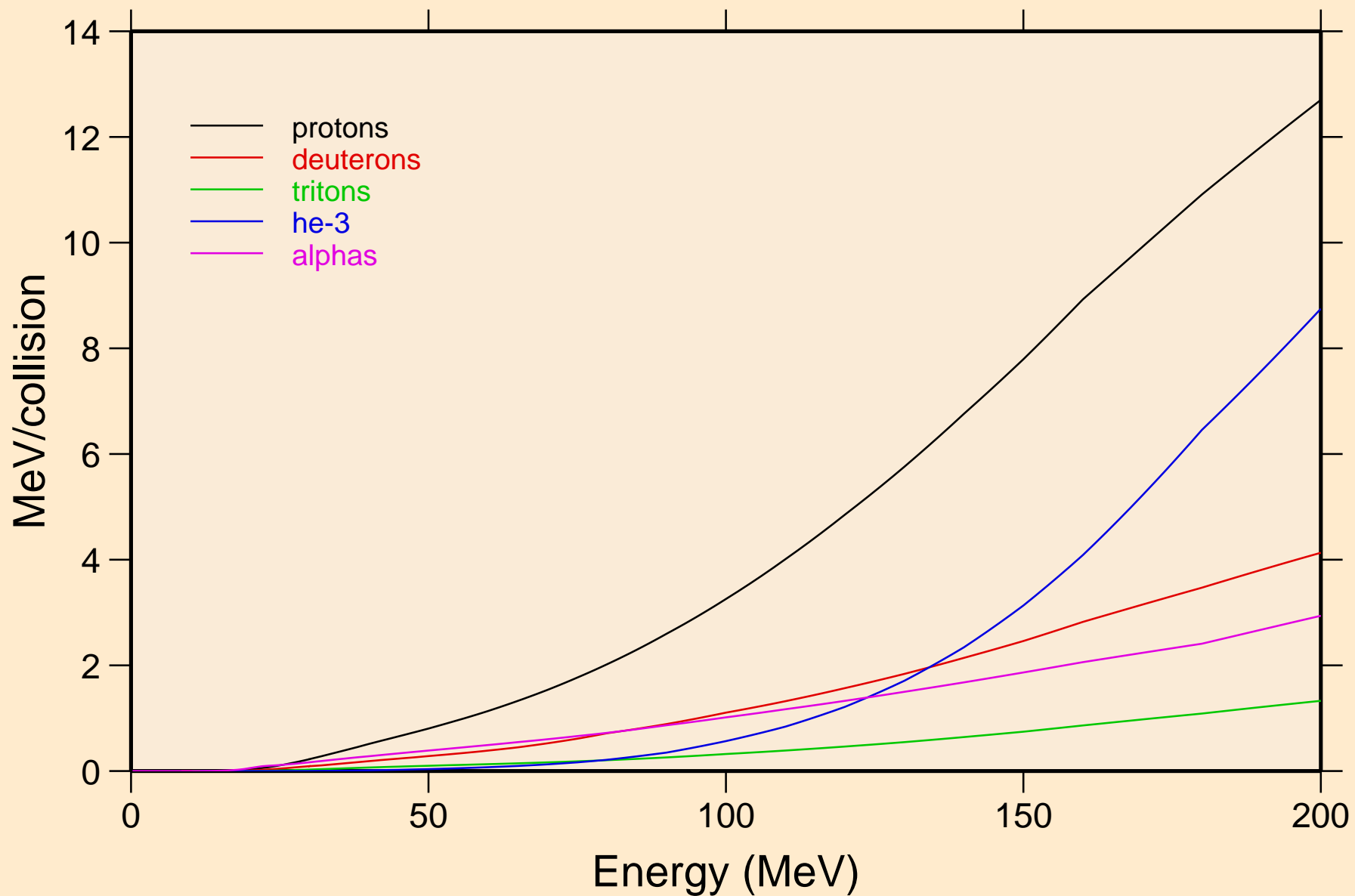
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



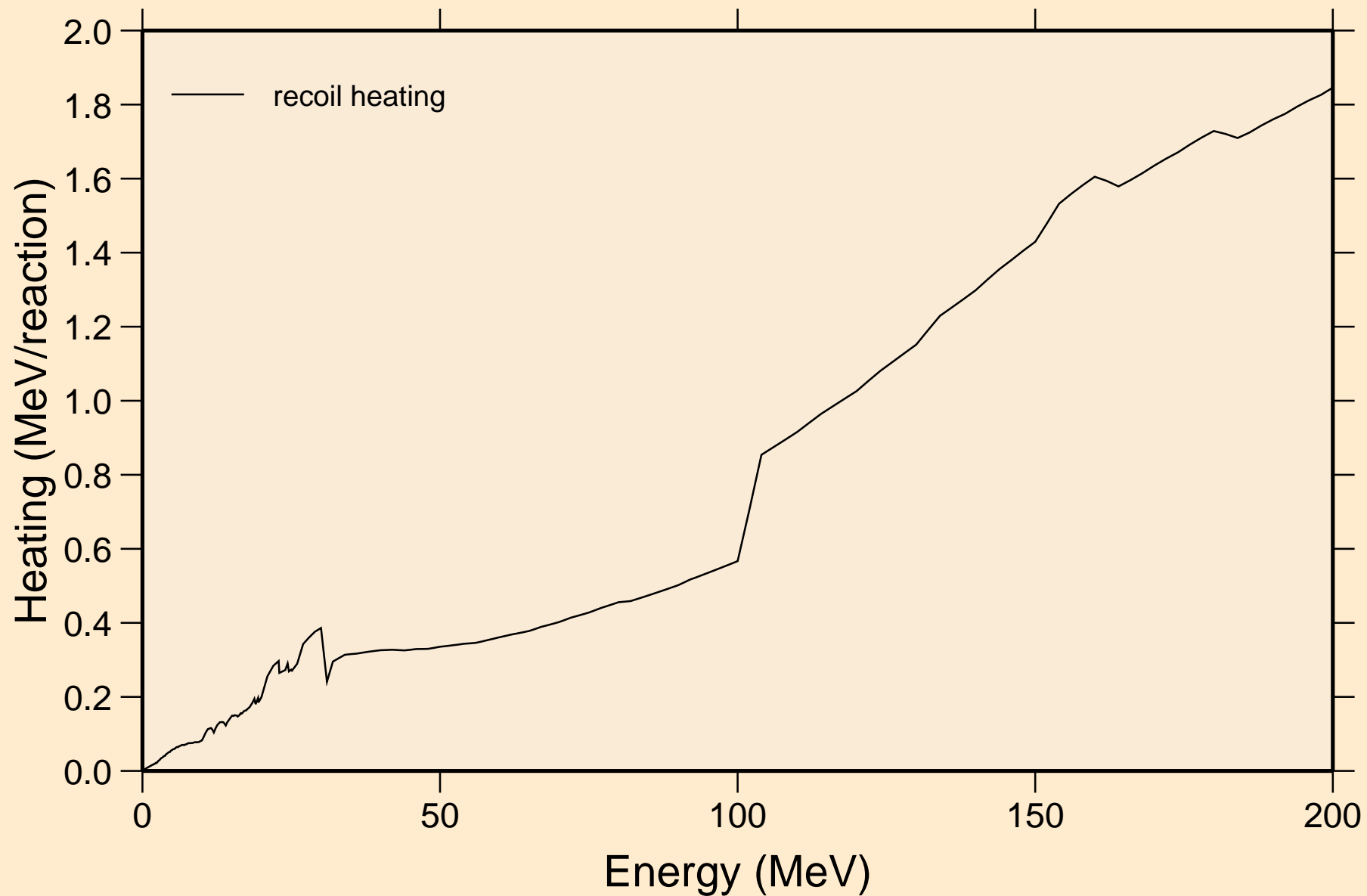
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

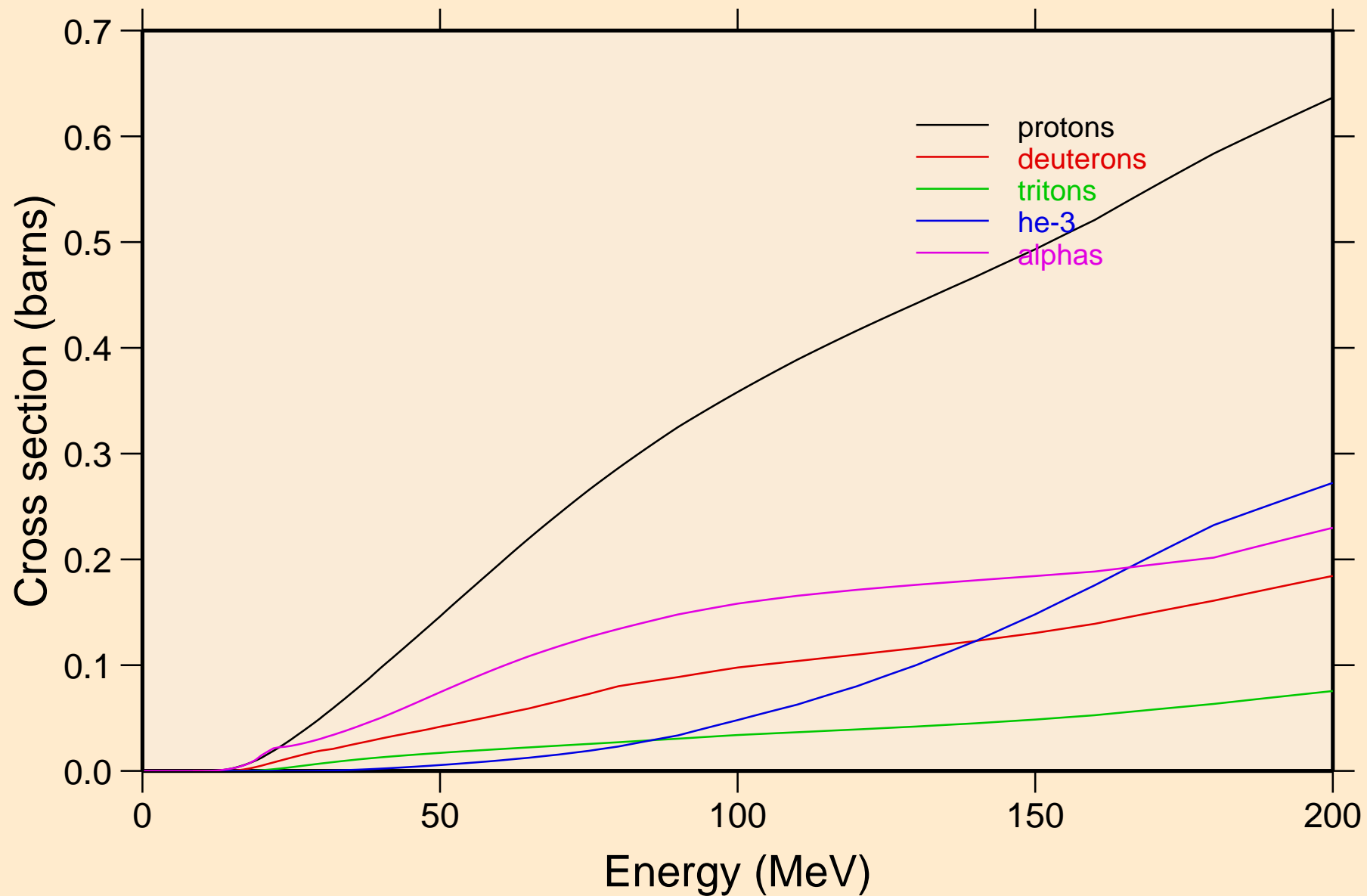


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Recoil Heating

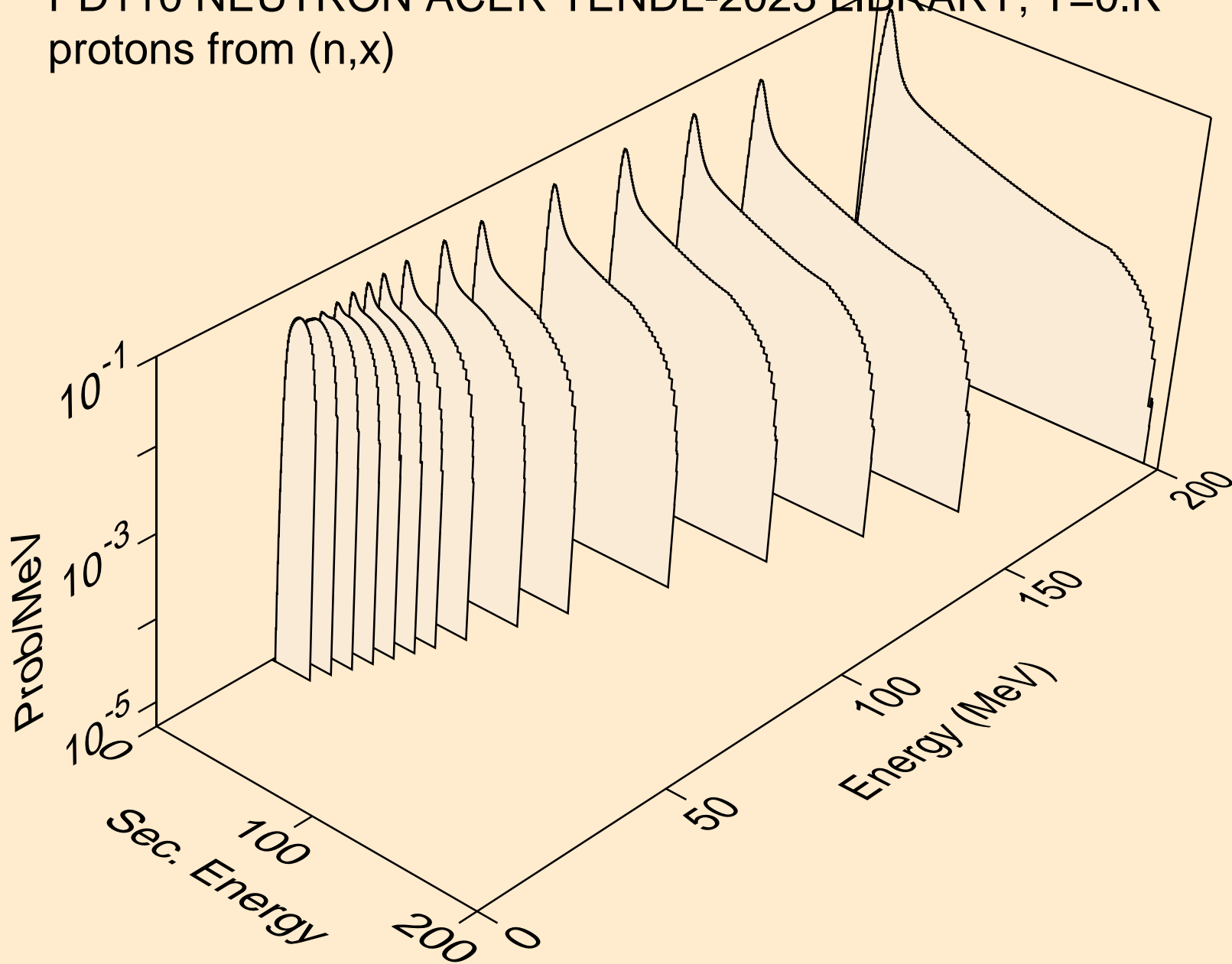




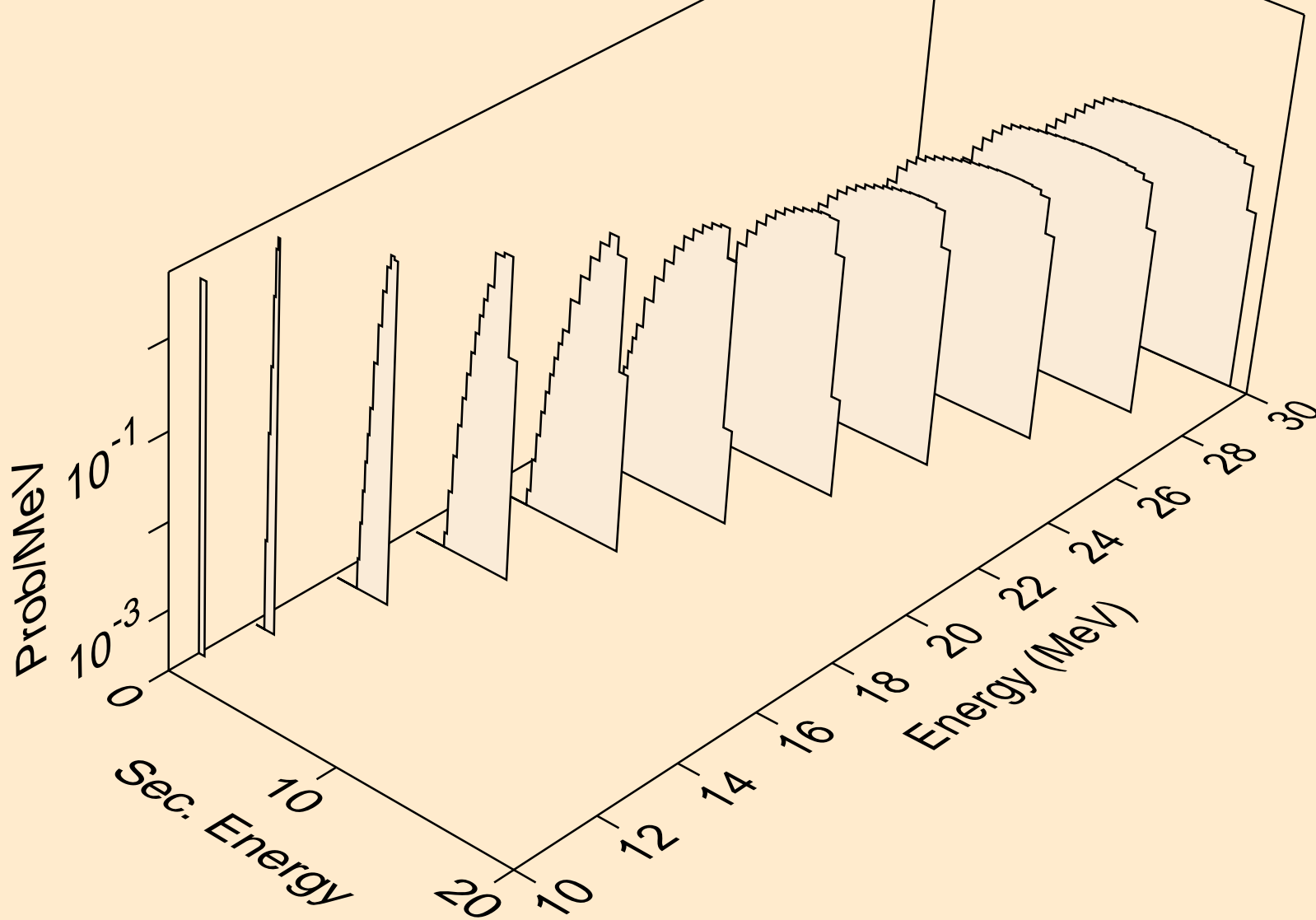
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Particle production cross sections



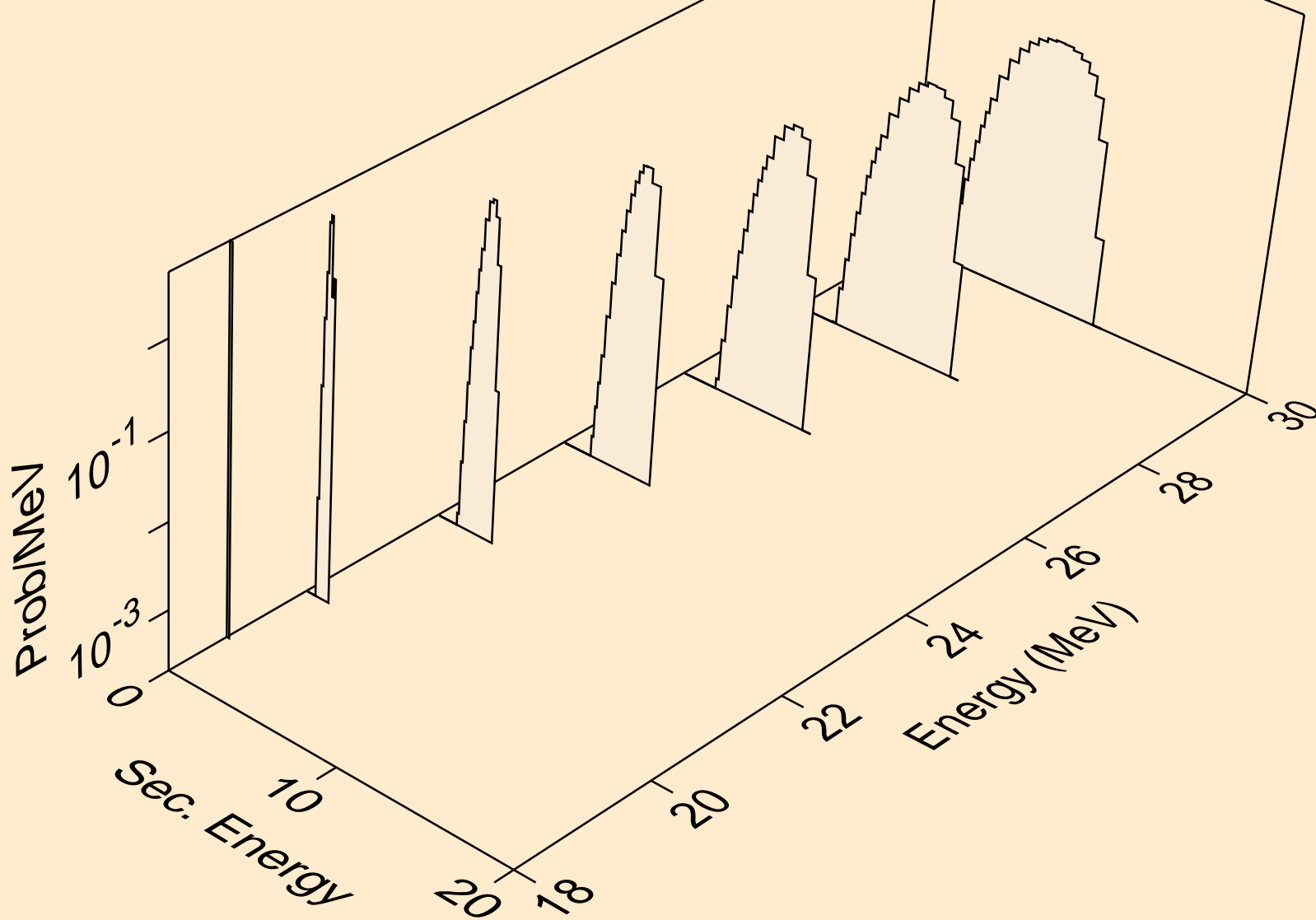
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



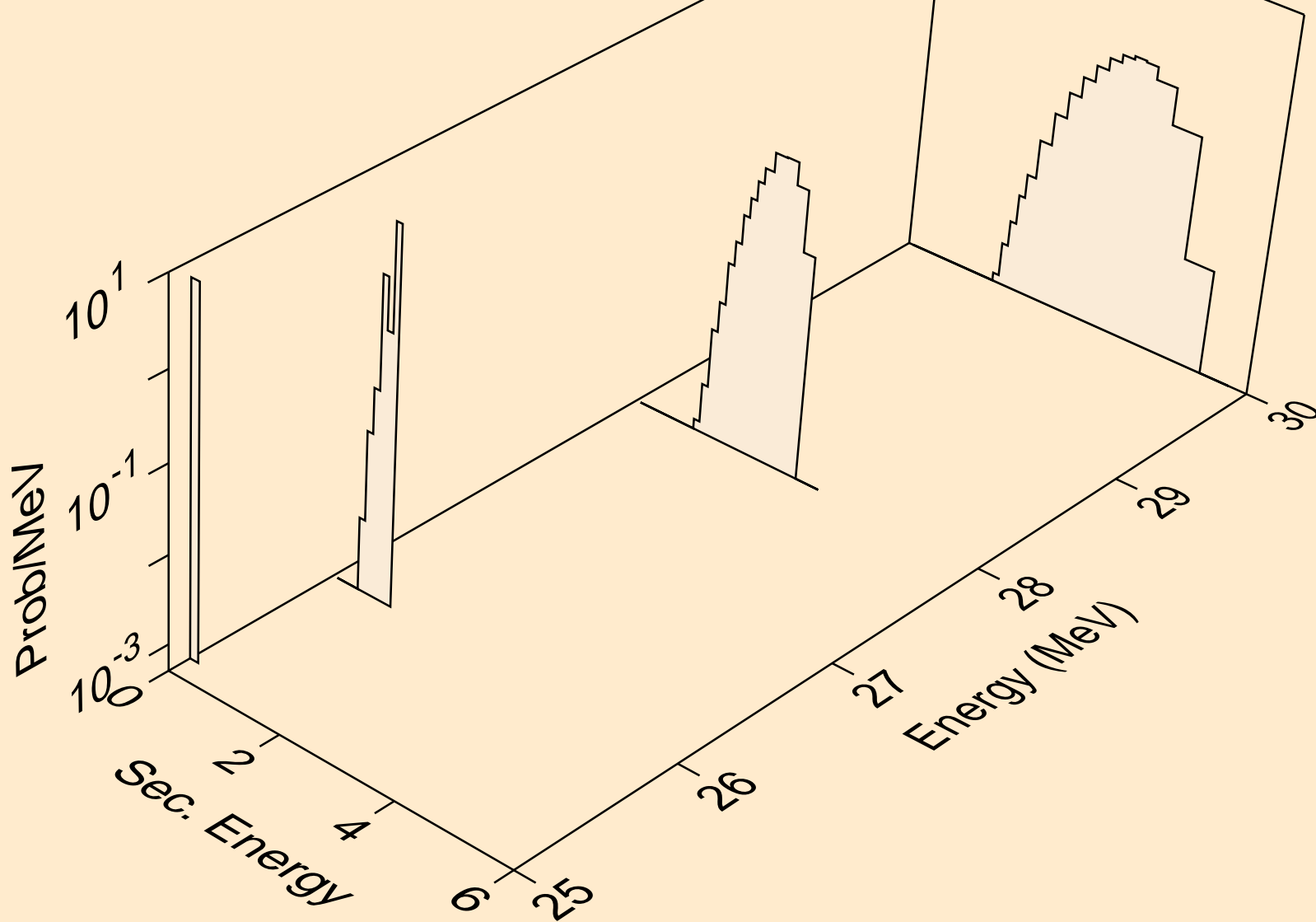
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protons from (n,n\*)p



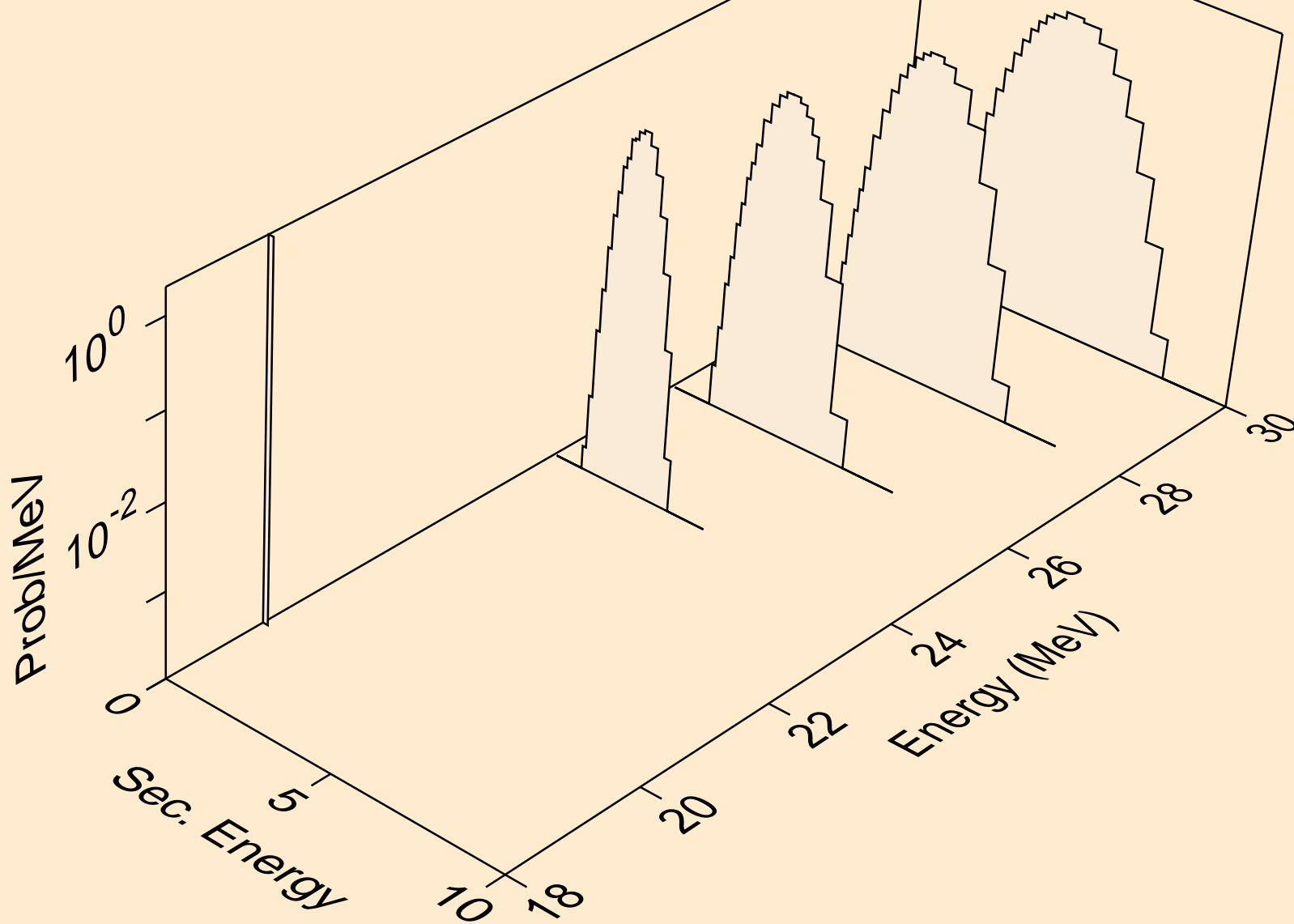
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protons from (n,2np)



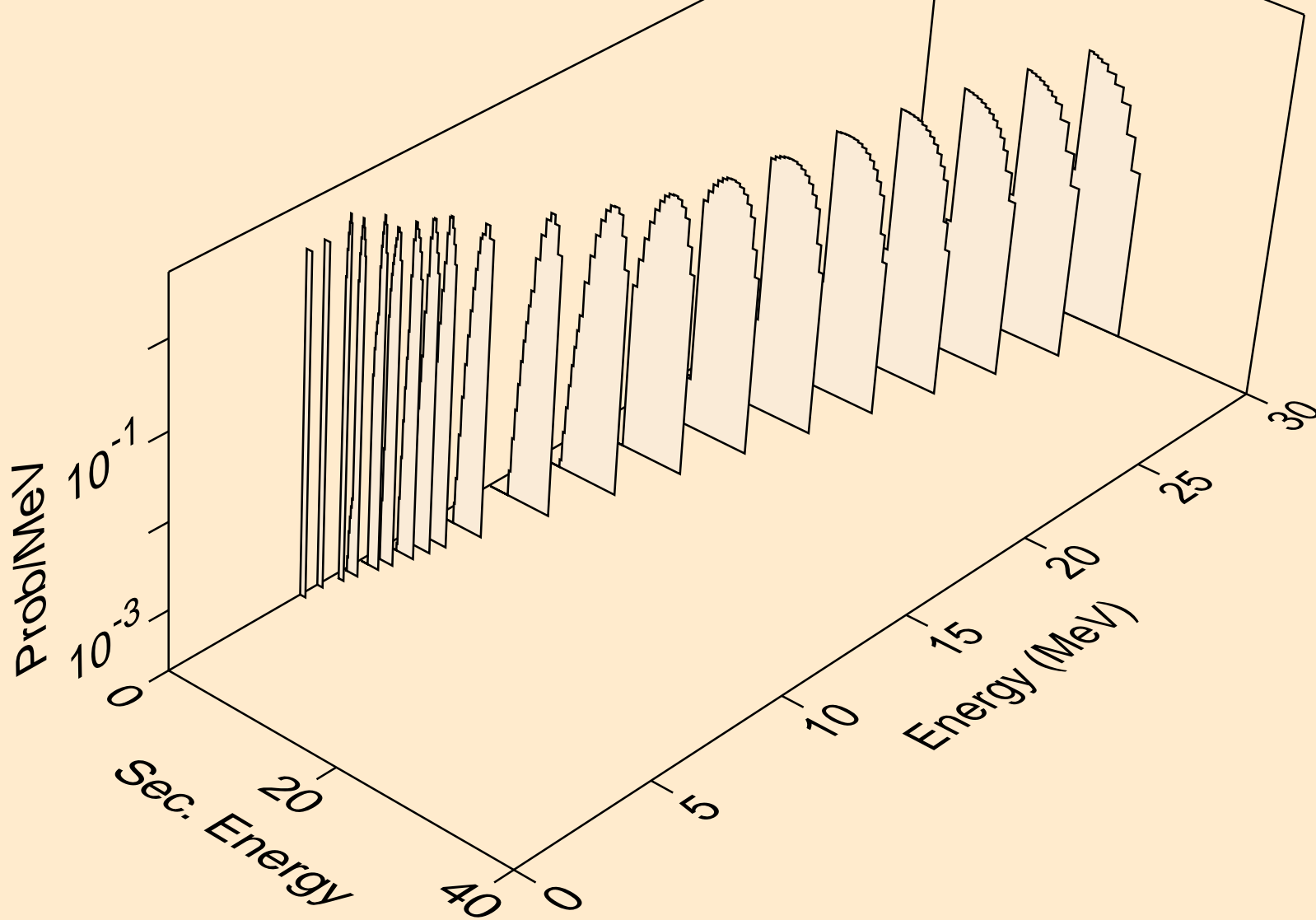
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protons from (n,3np)



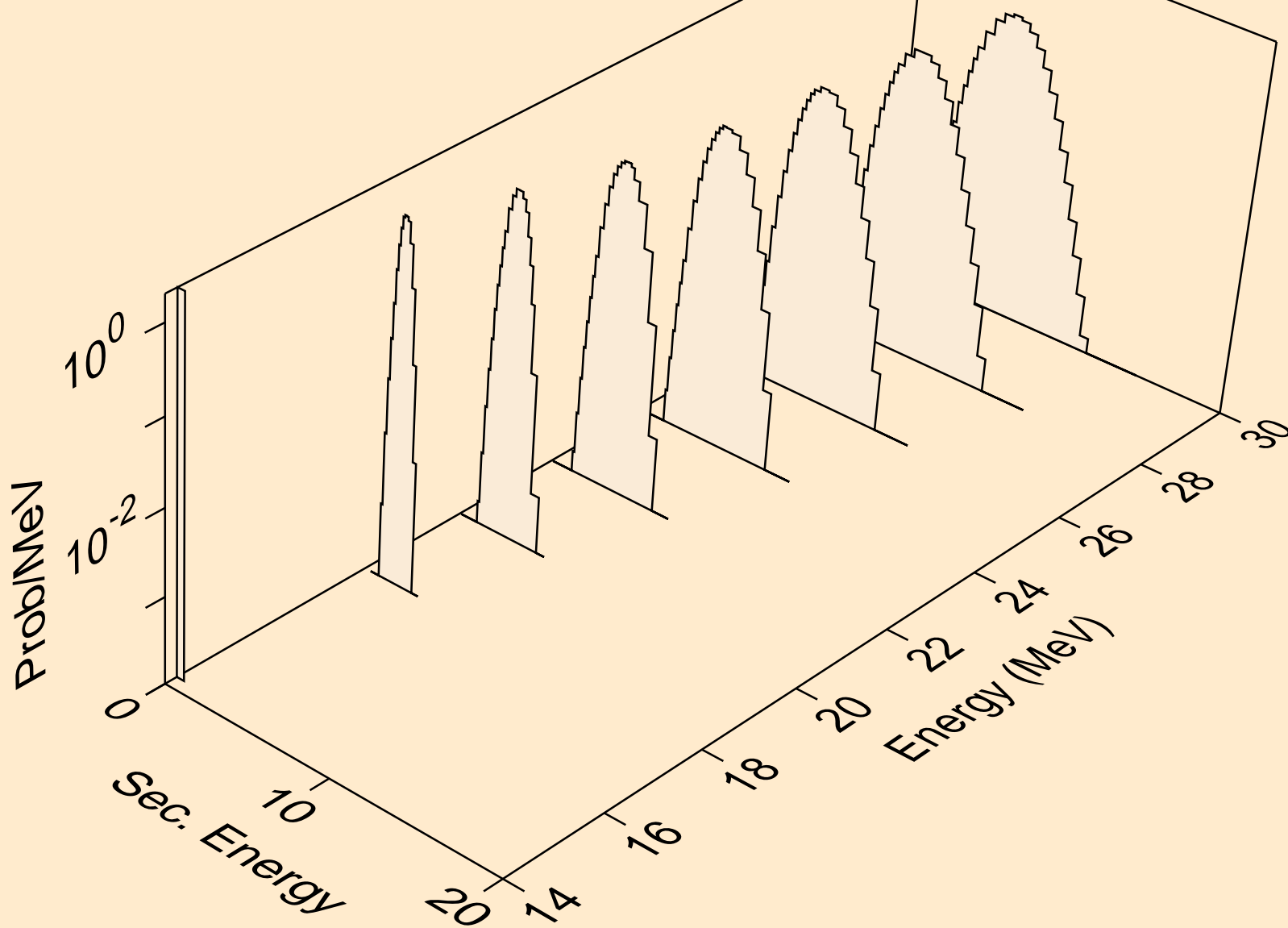
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protons from (n,n2p)



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

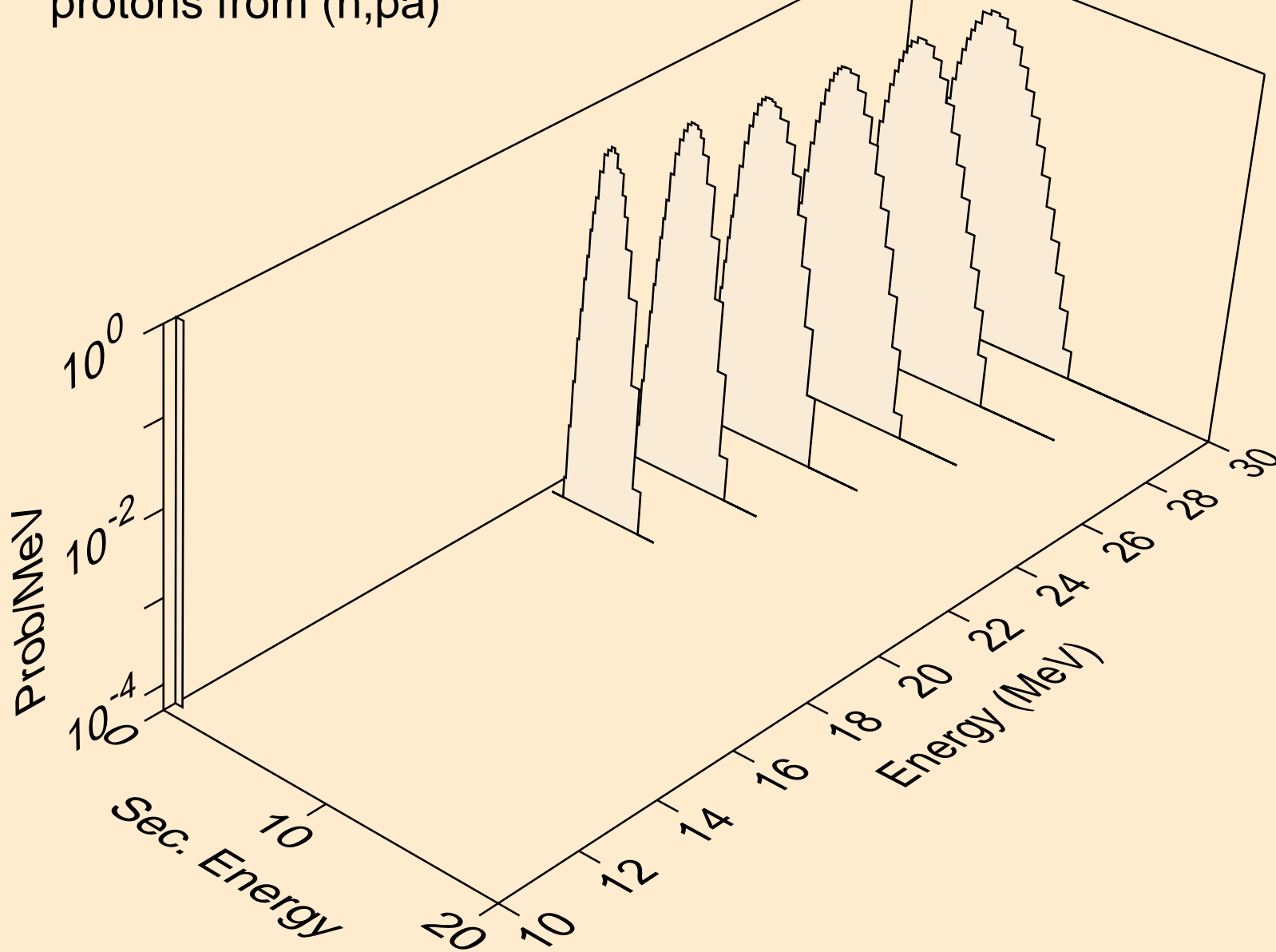


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protons from (n,2p)

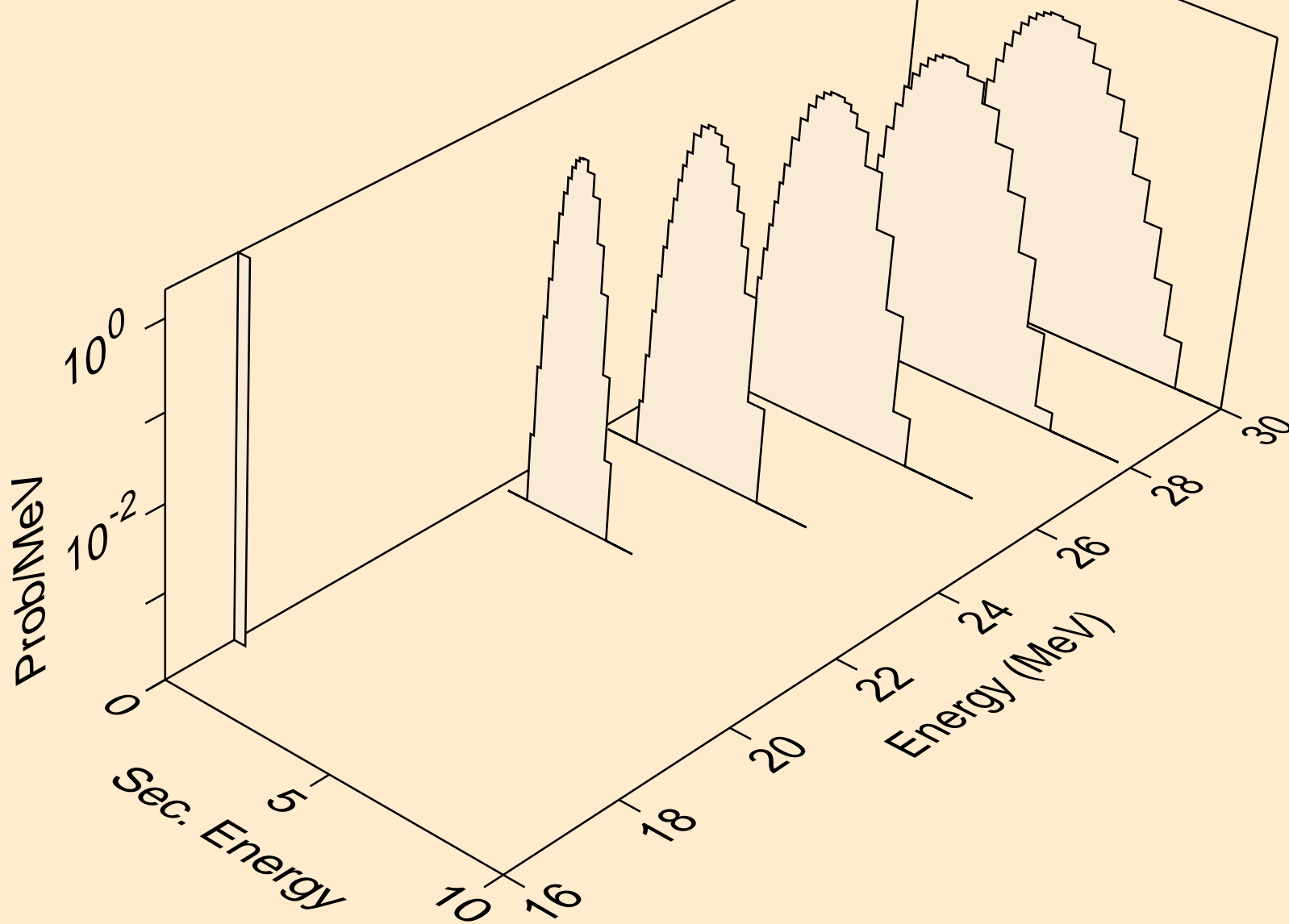




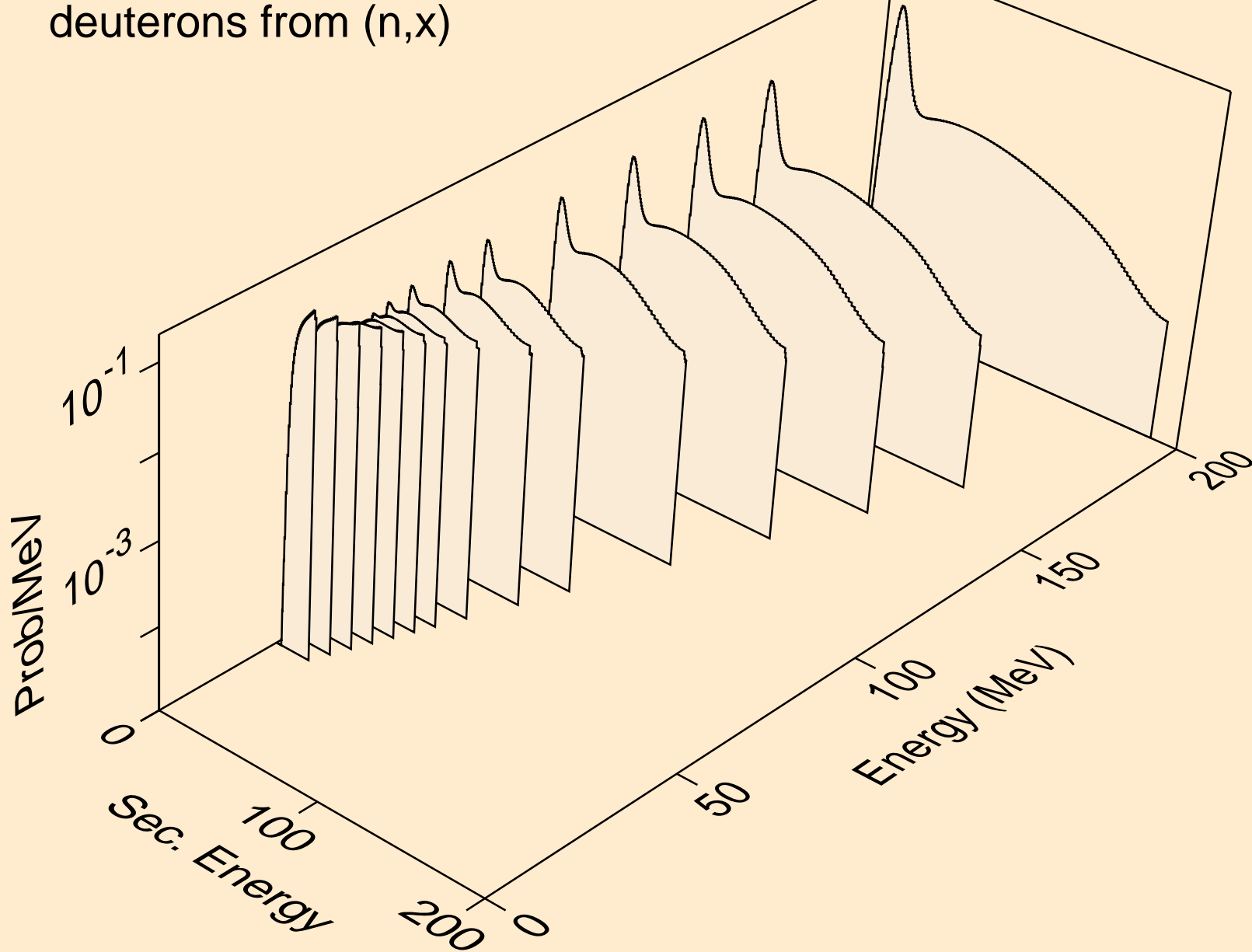
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protons from (n,pa)



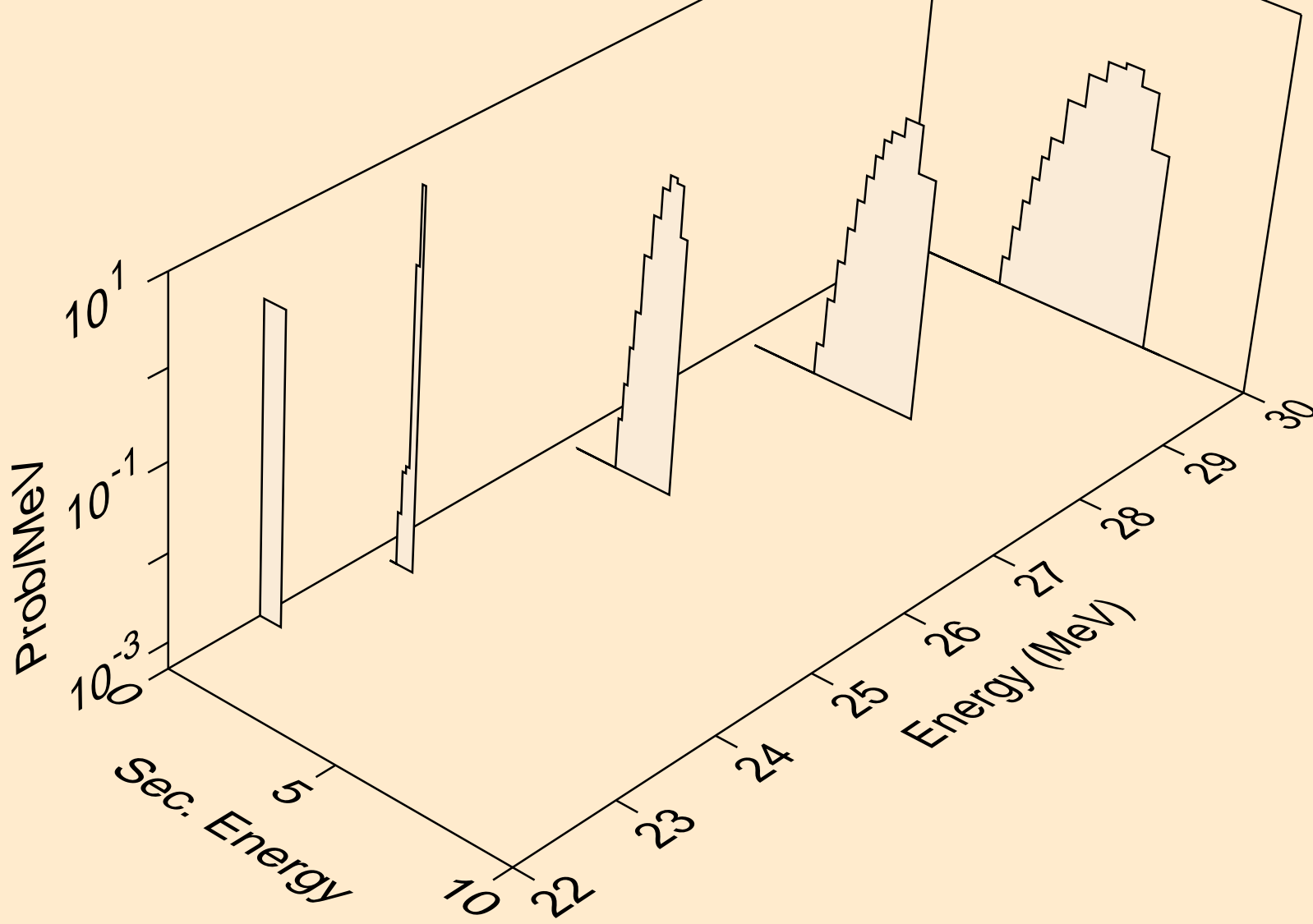
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protons from (n,pd)



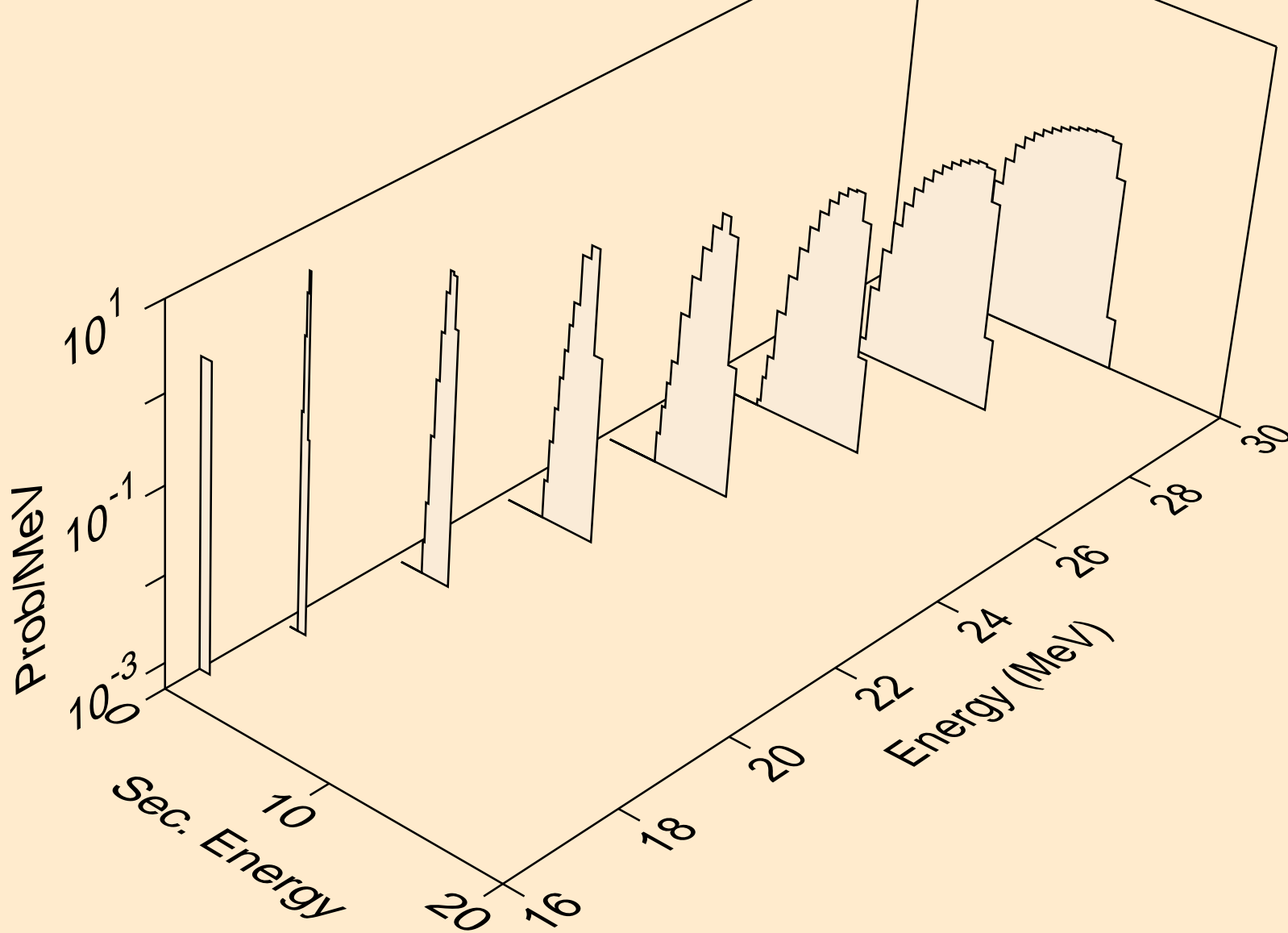
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



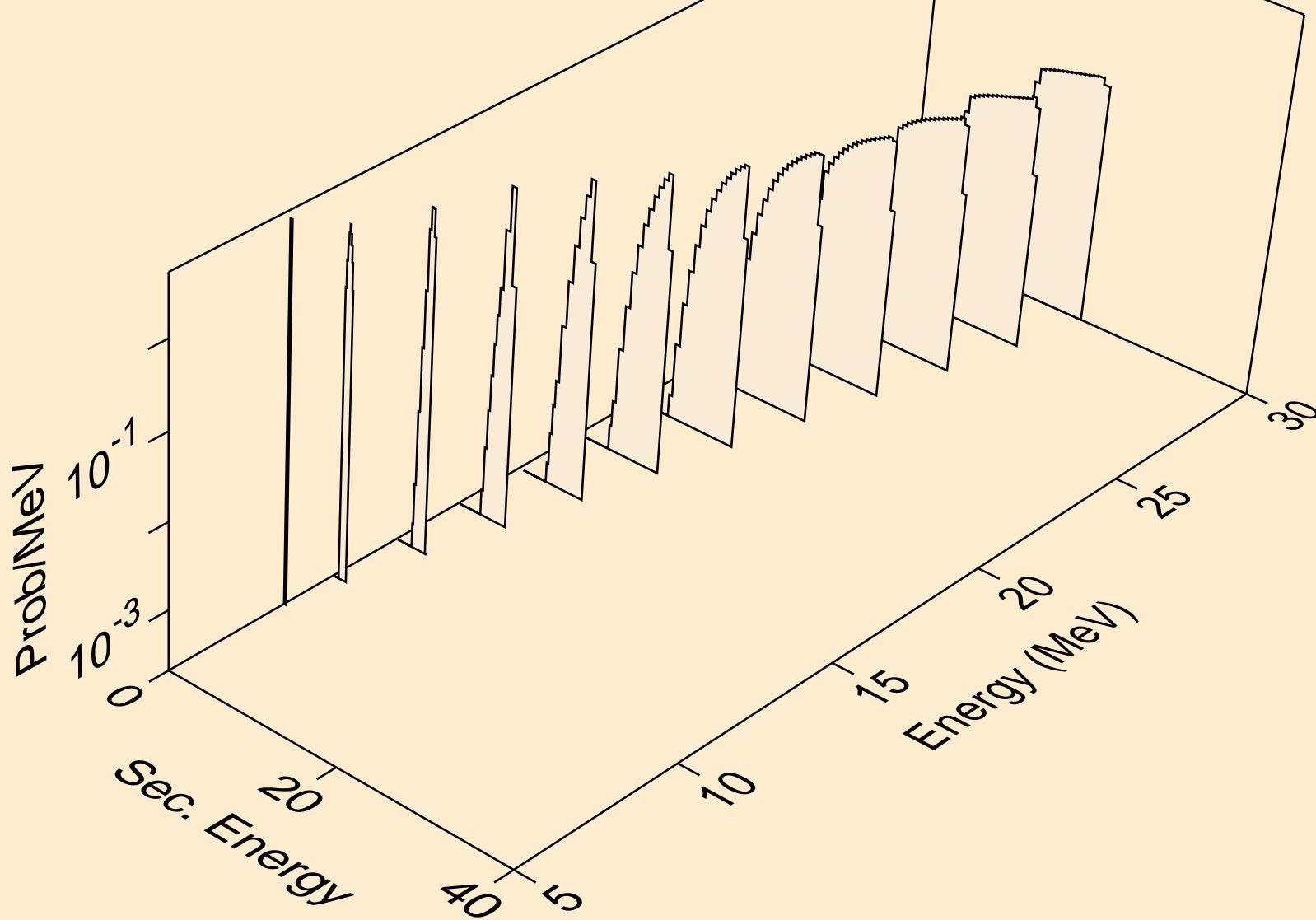
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deuterons from (n,2nd)



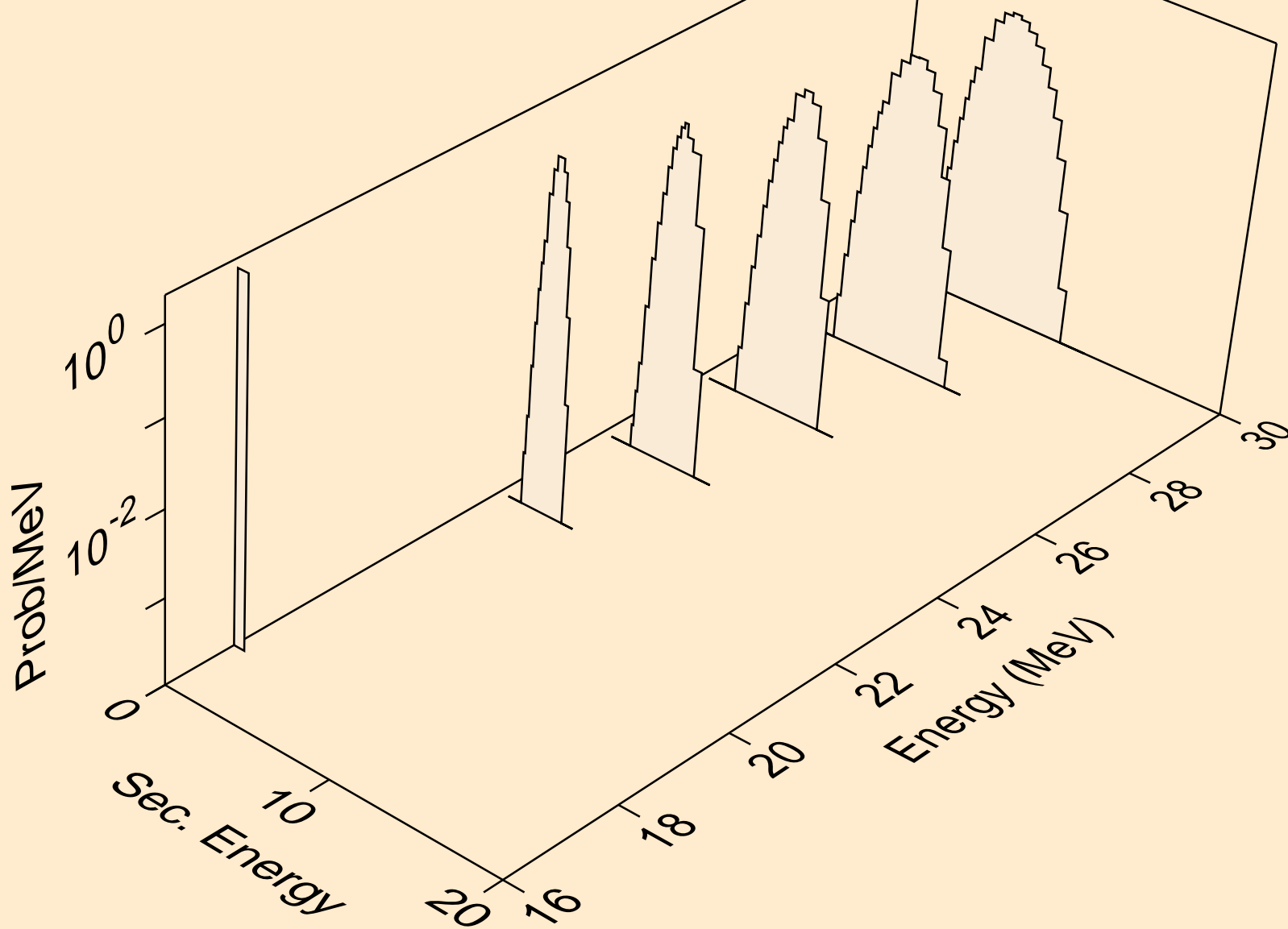
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deuterons from (n,n\*)d



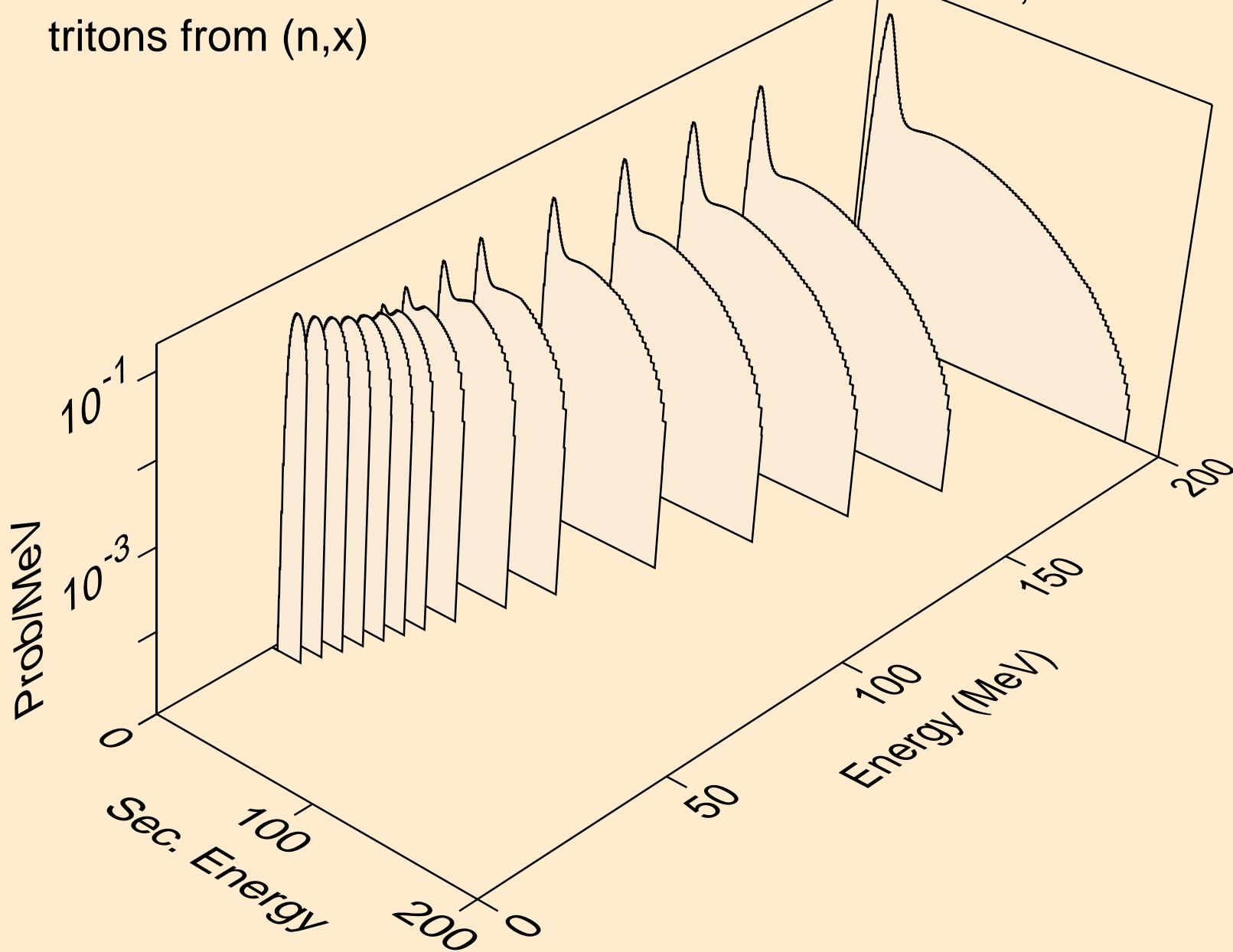
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deuterons from (n,d)



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)

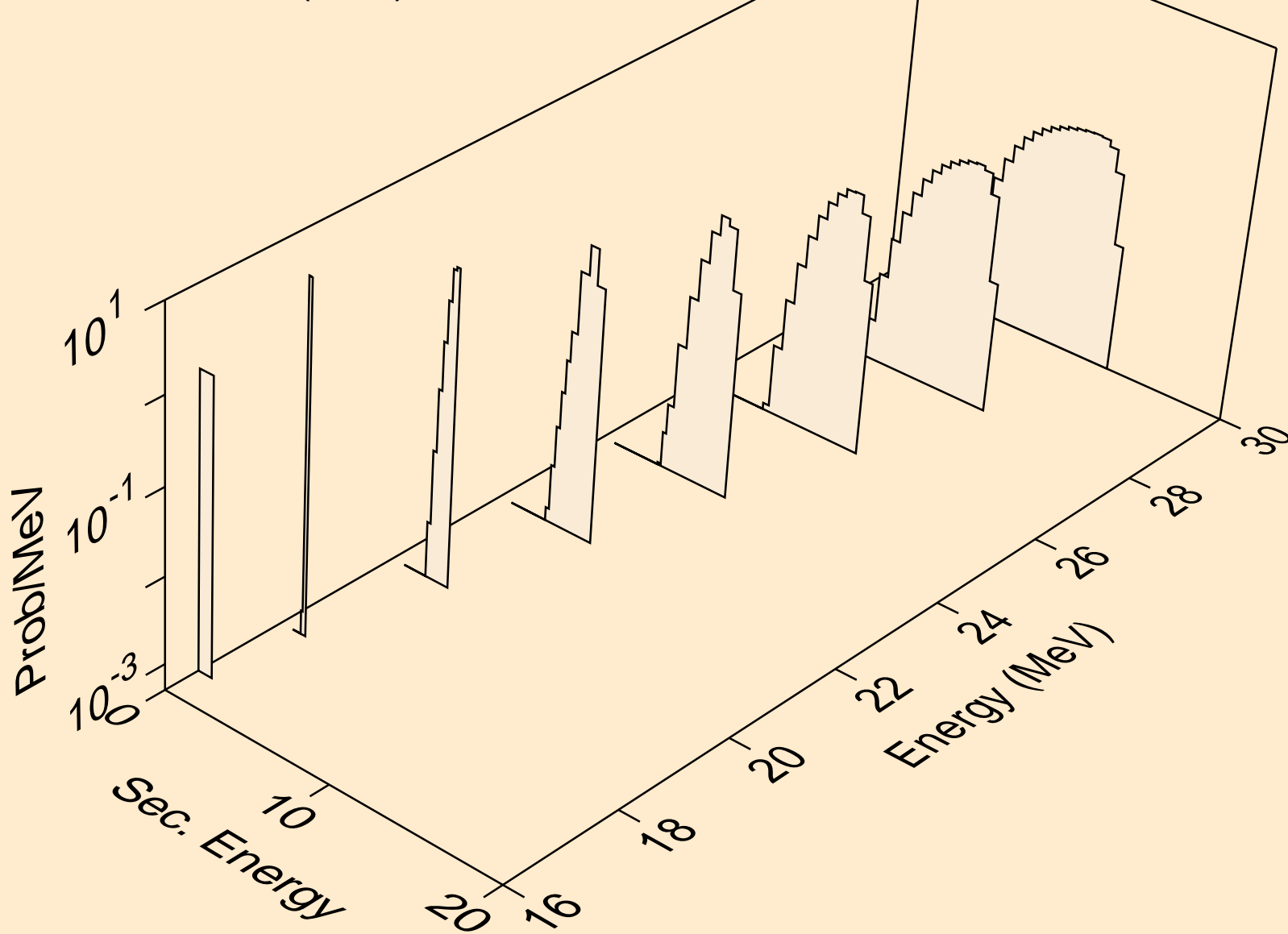


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tritons from (n,x)

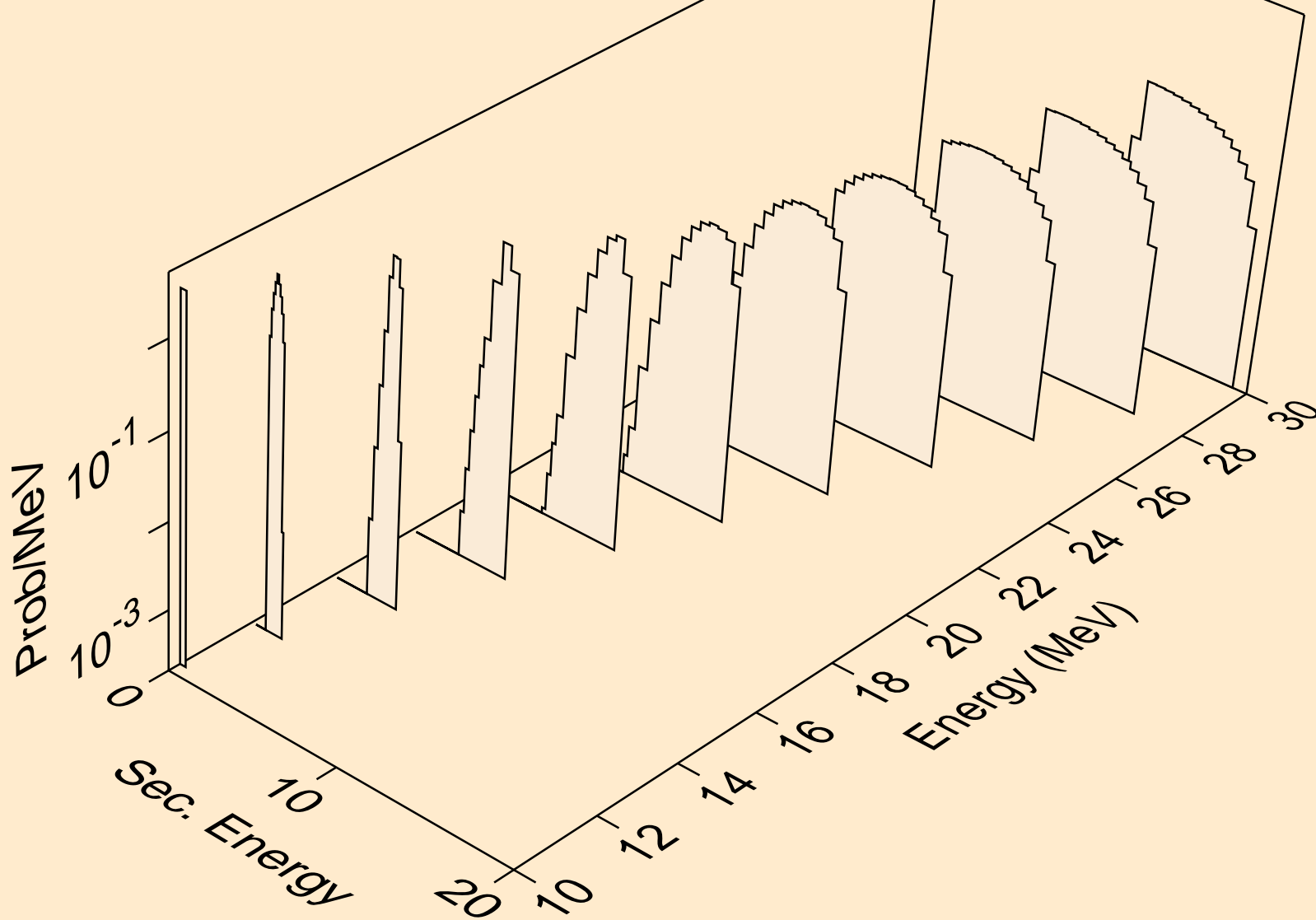




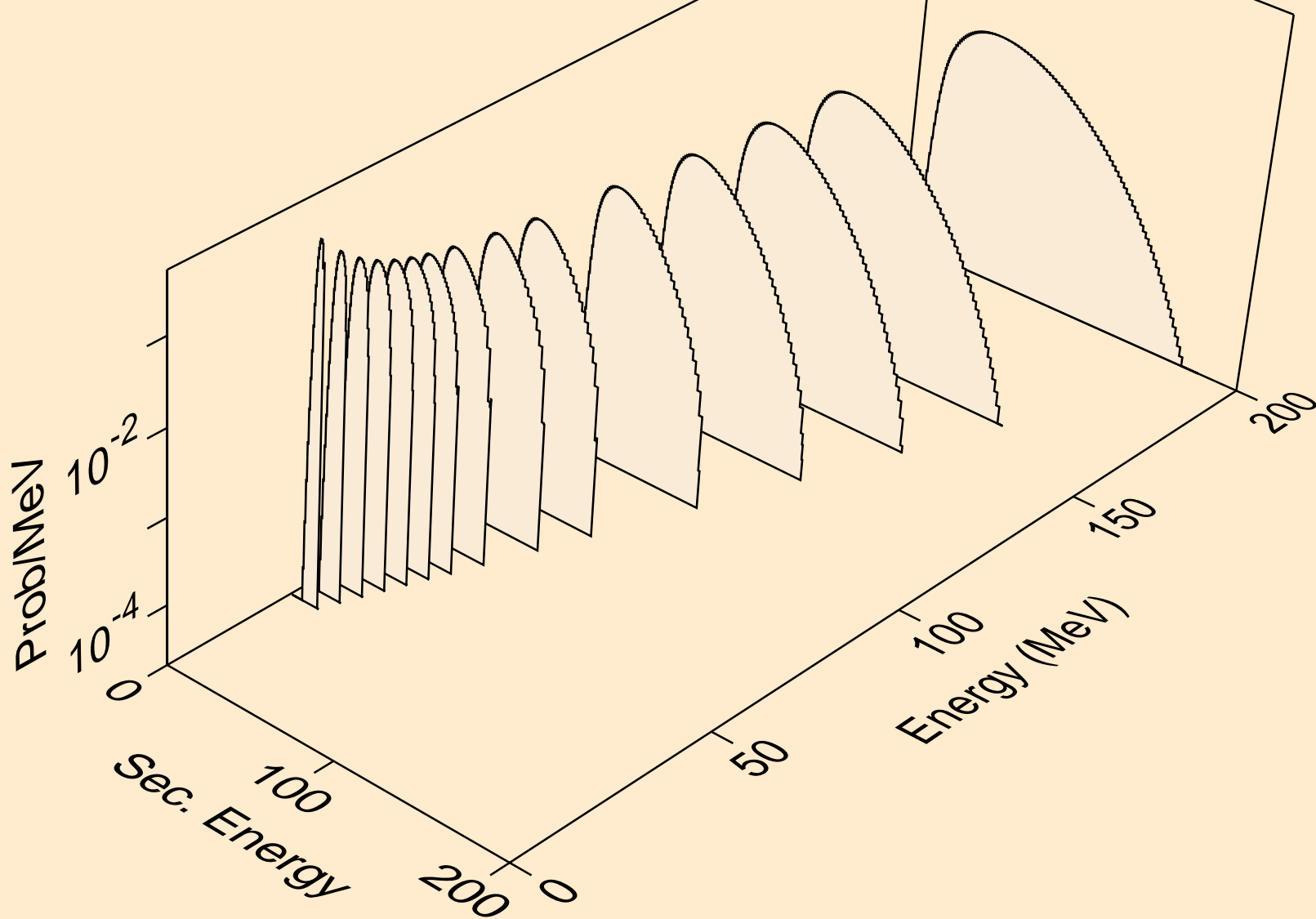
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



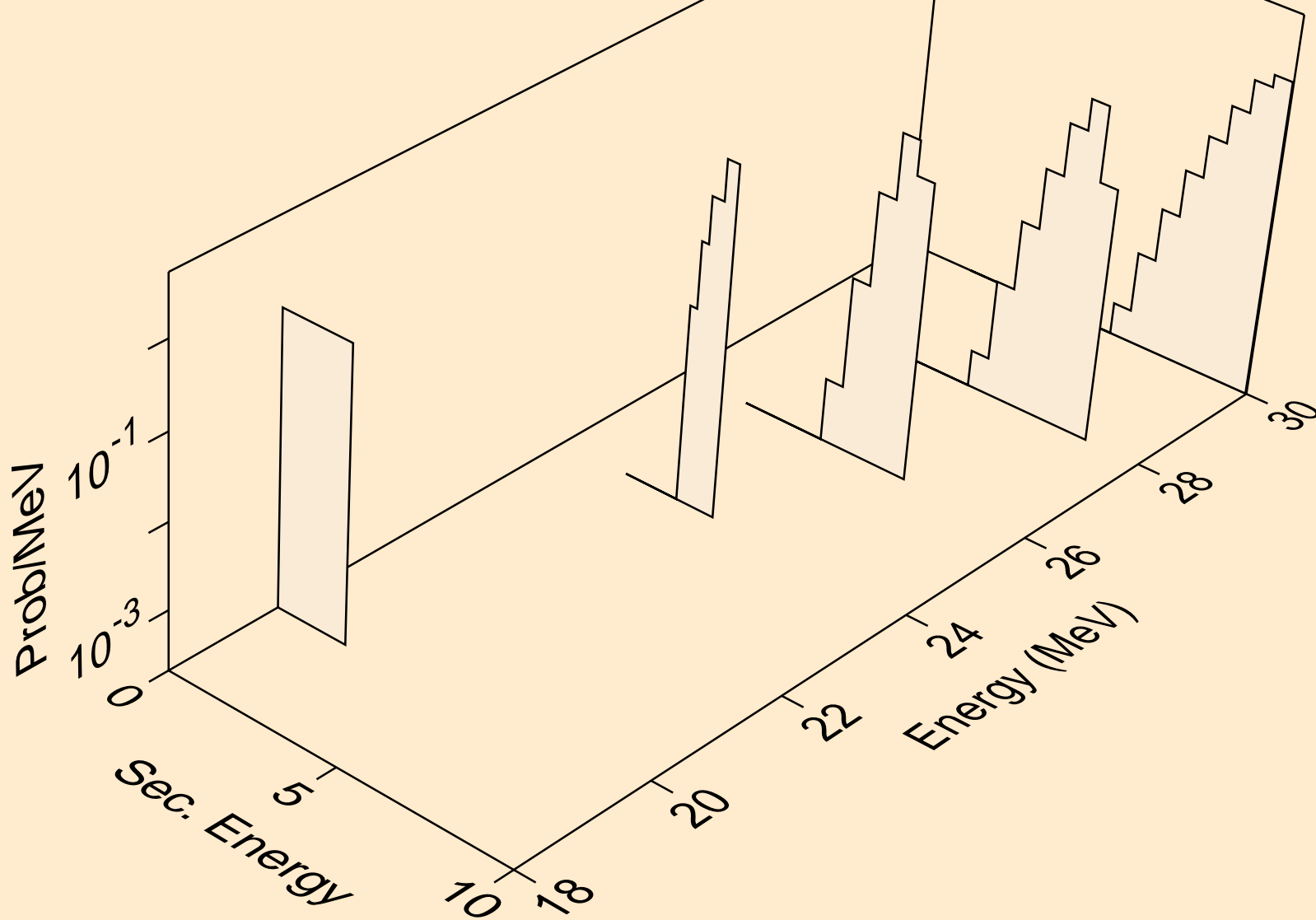
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tritons from (n,t)



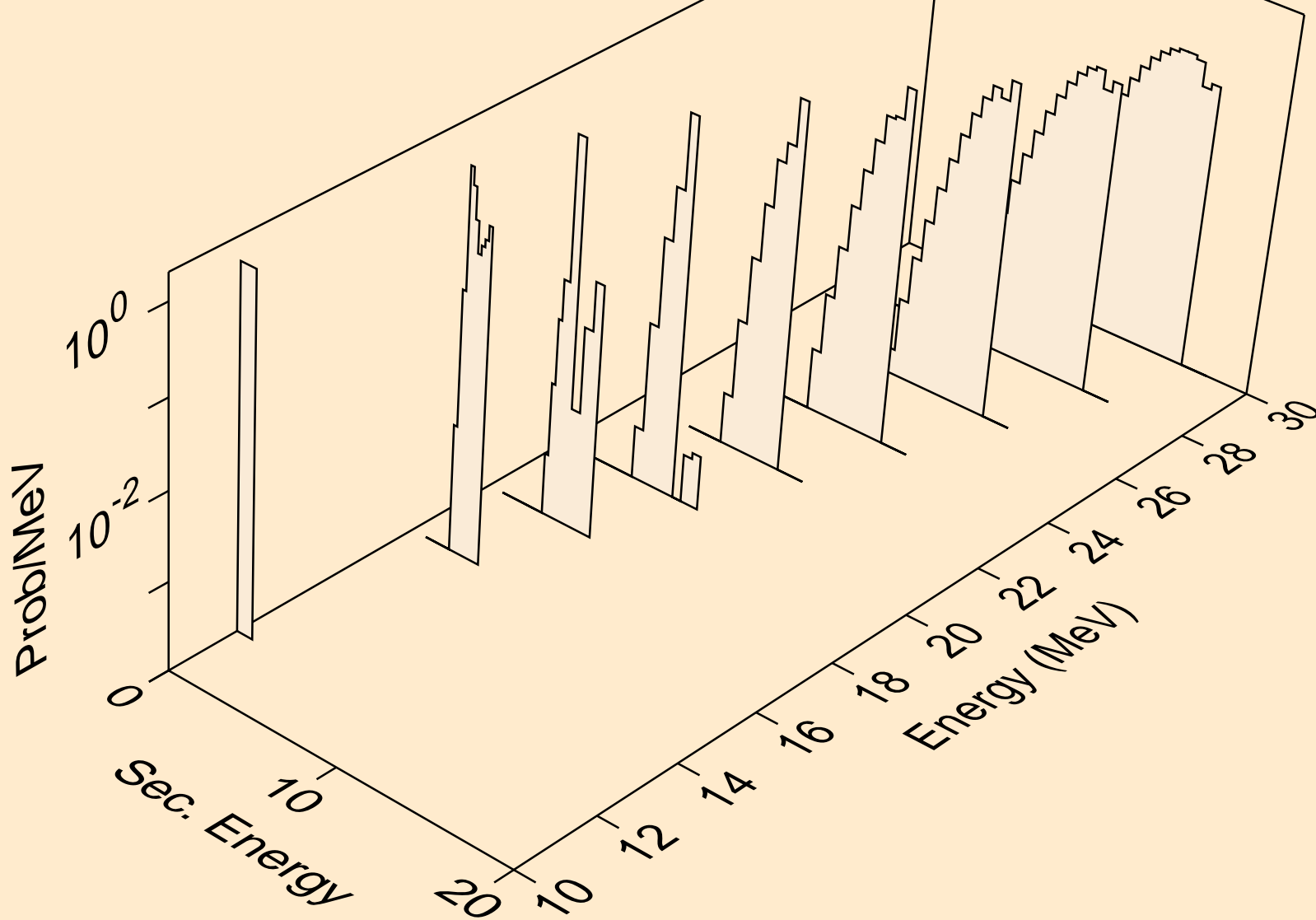
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he3s from (n,x)



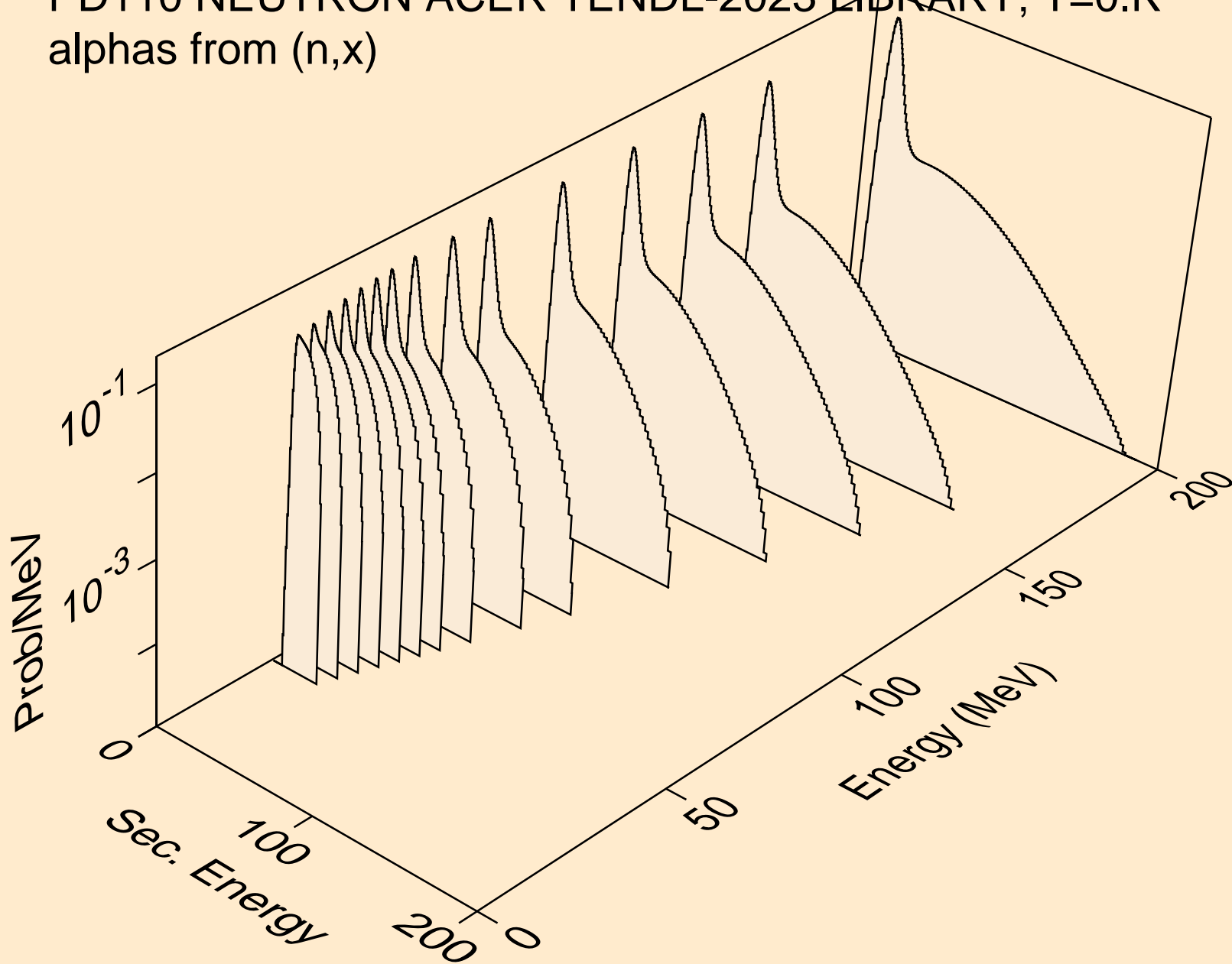
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he3s from (n,n\*)he3



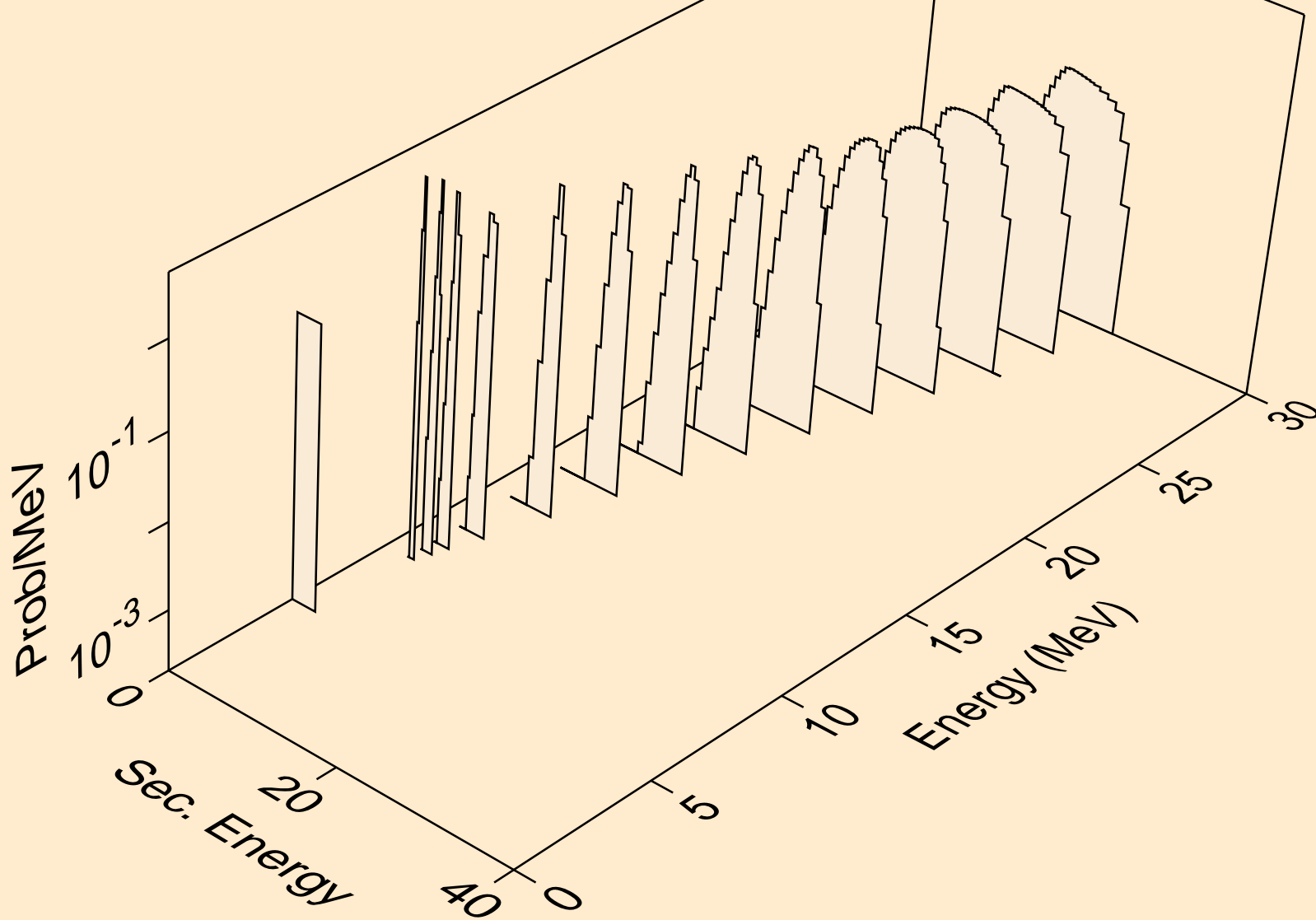
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he3s from (n,he3)



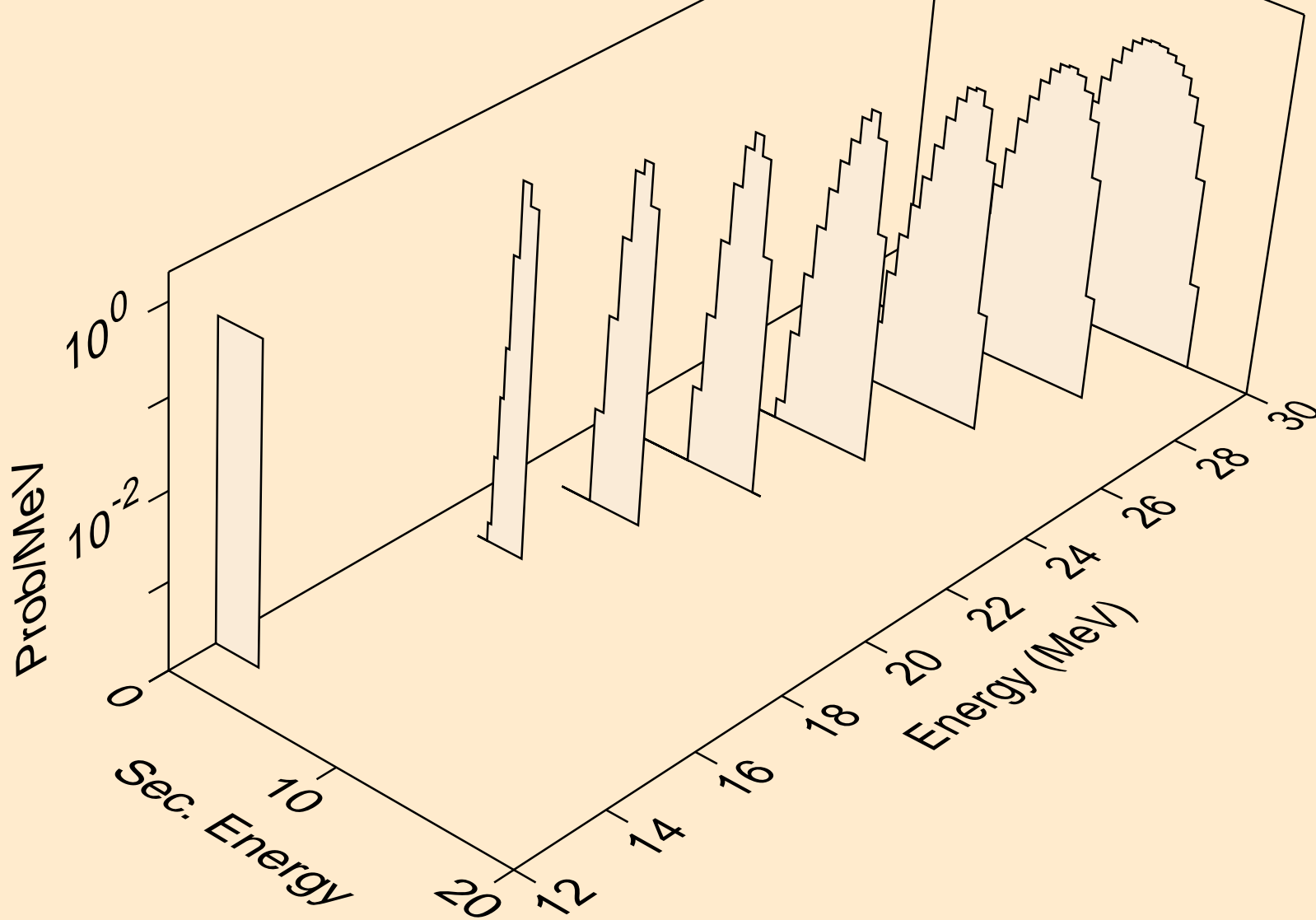
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a

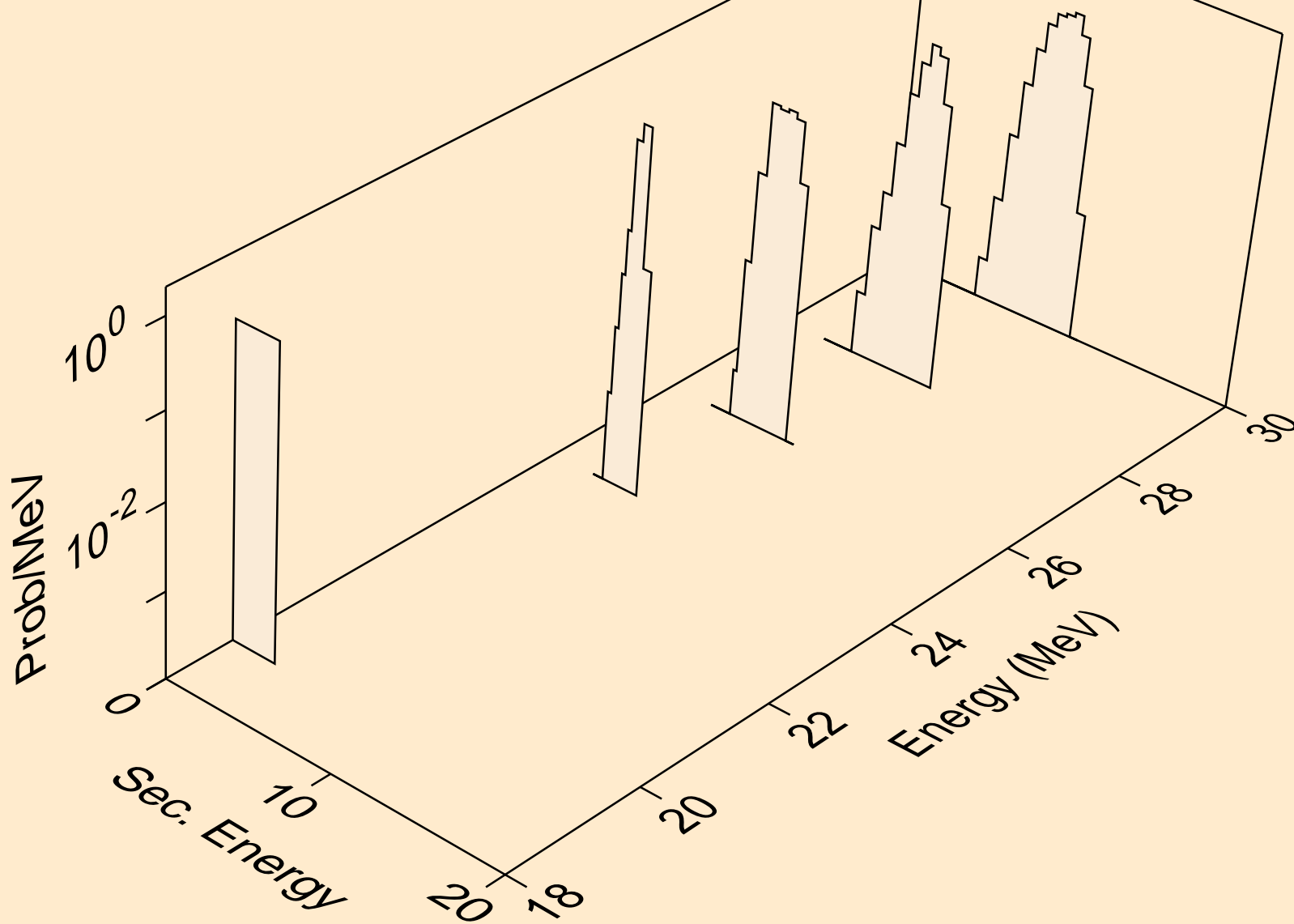


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alphas from (n,2n)a

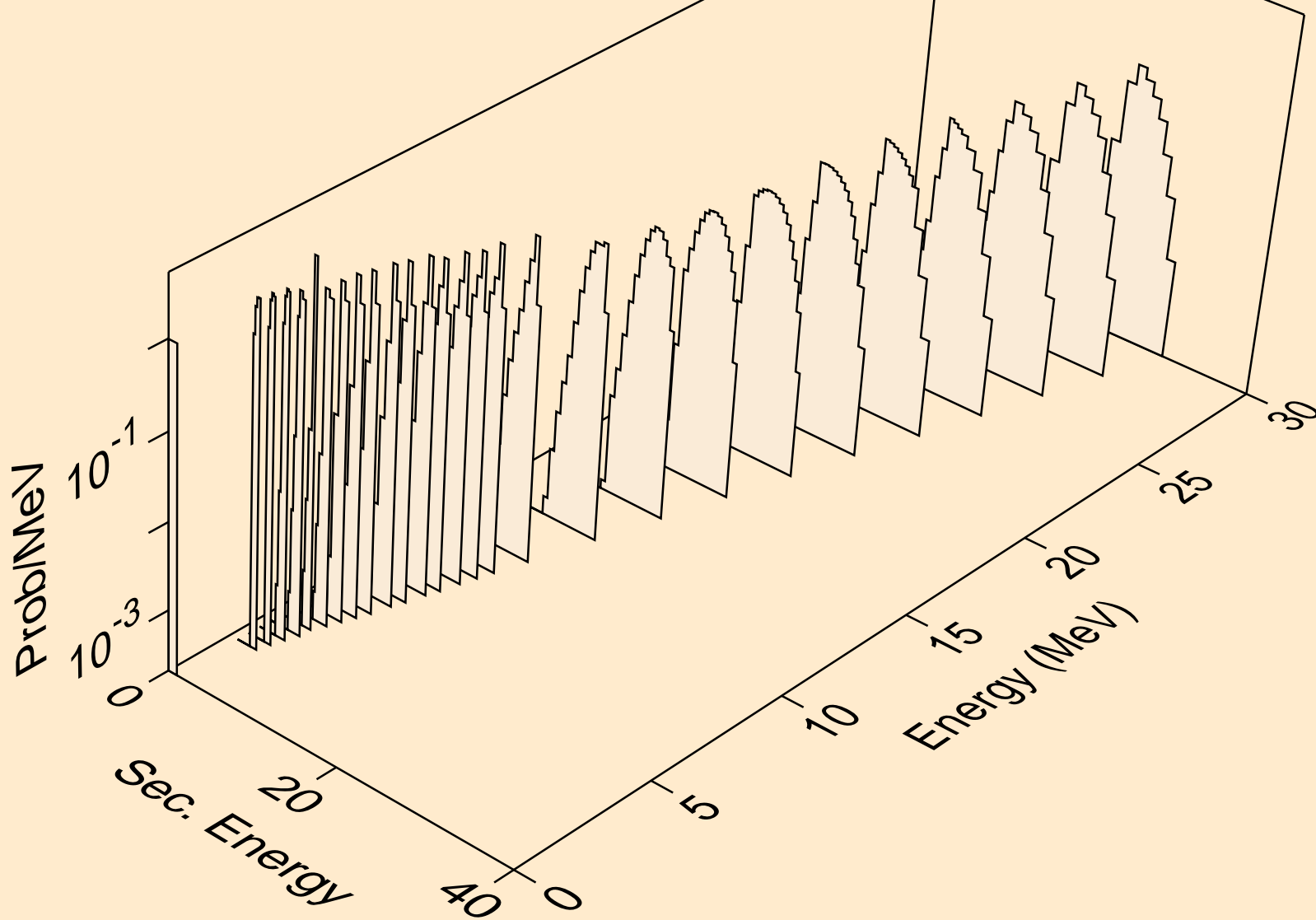




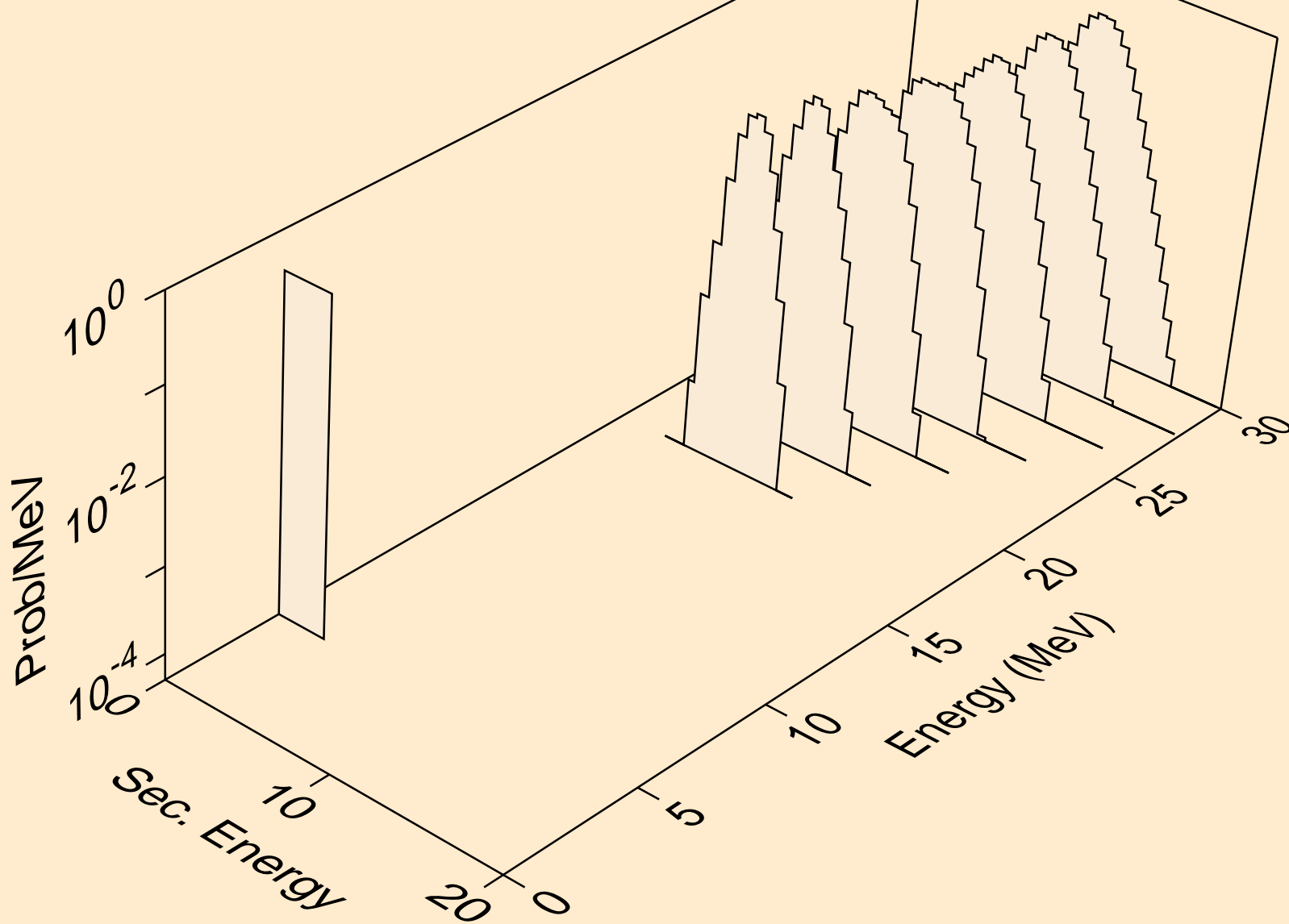
PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



PD110 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

