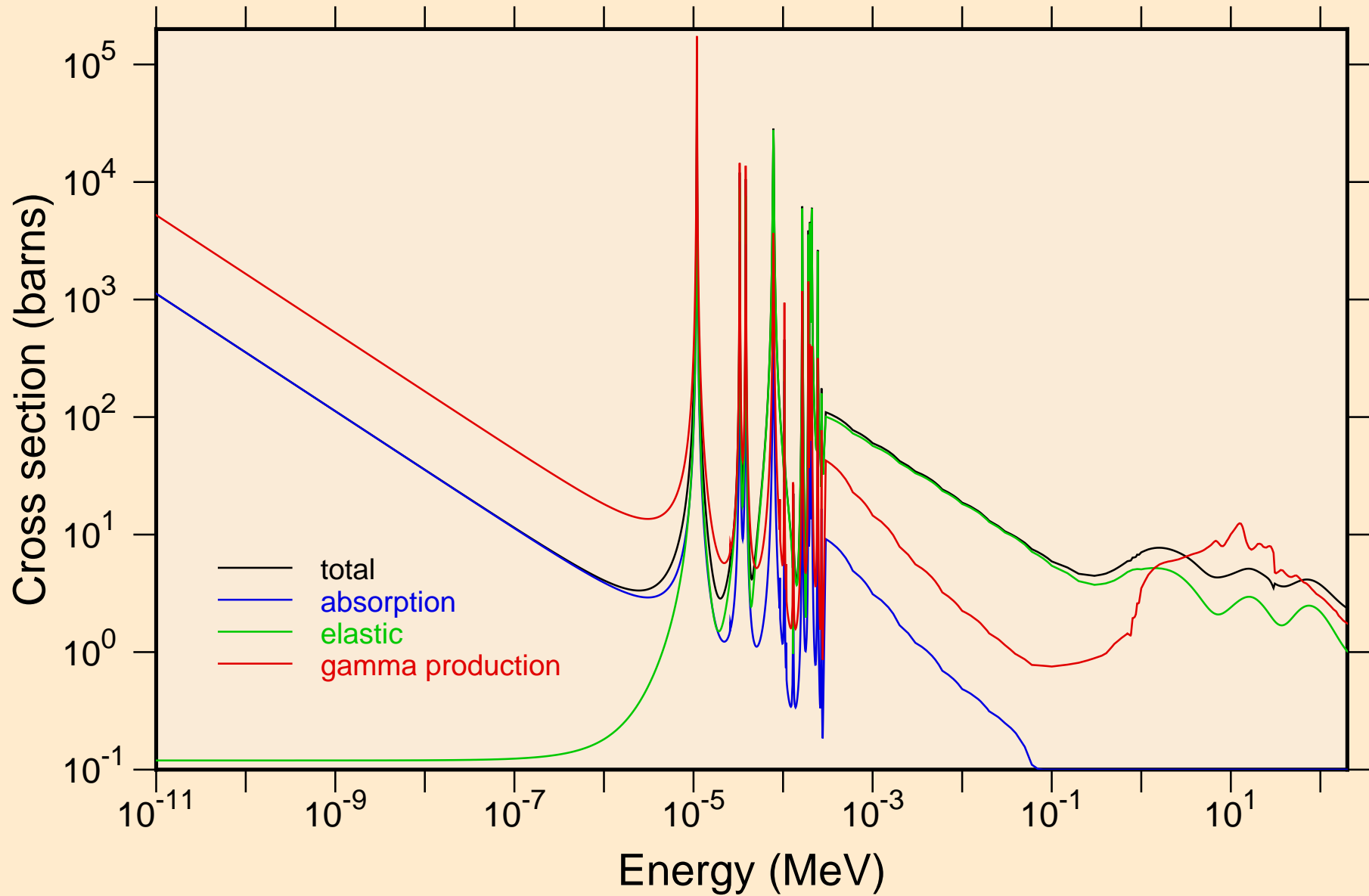
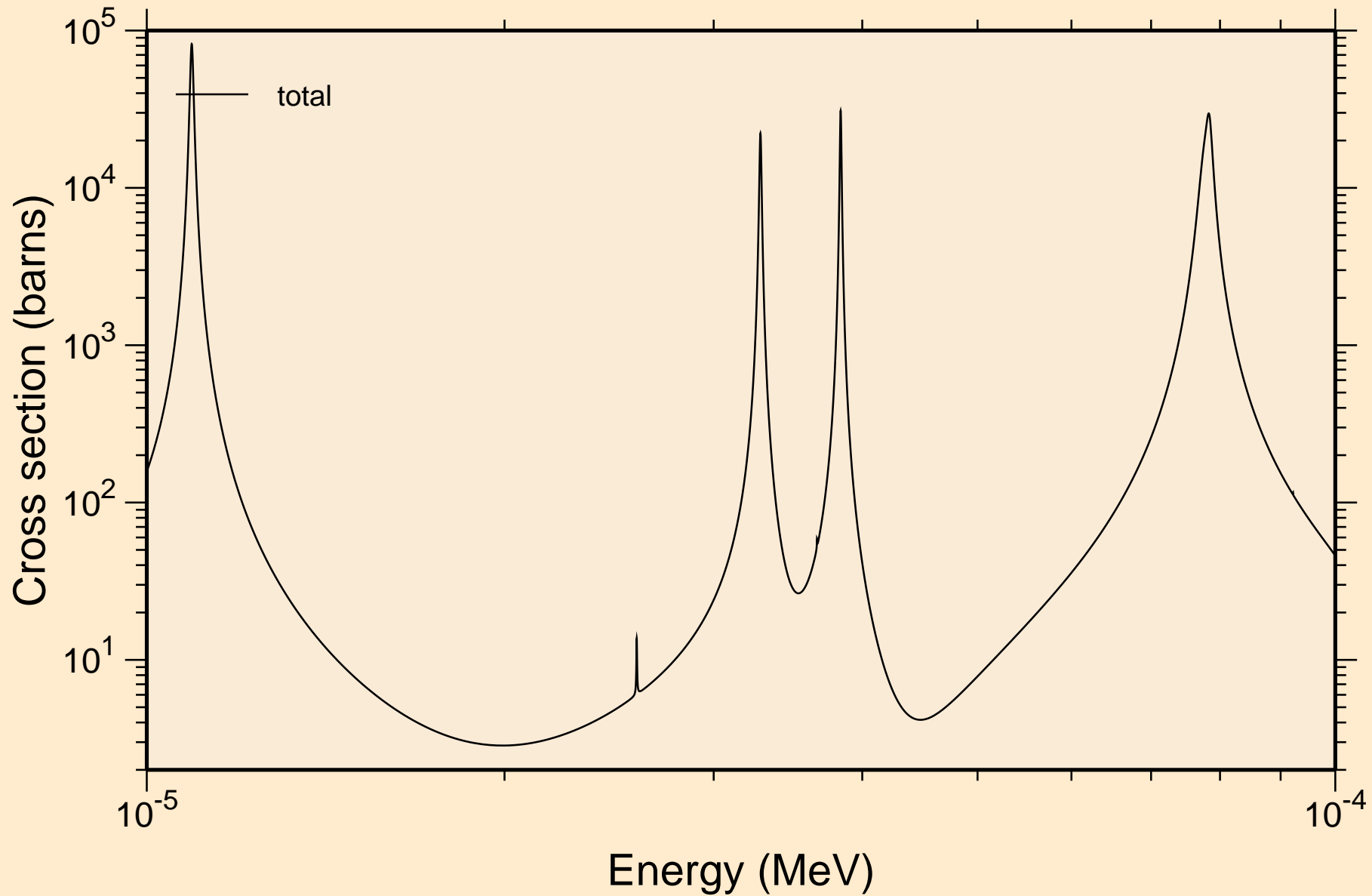


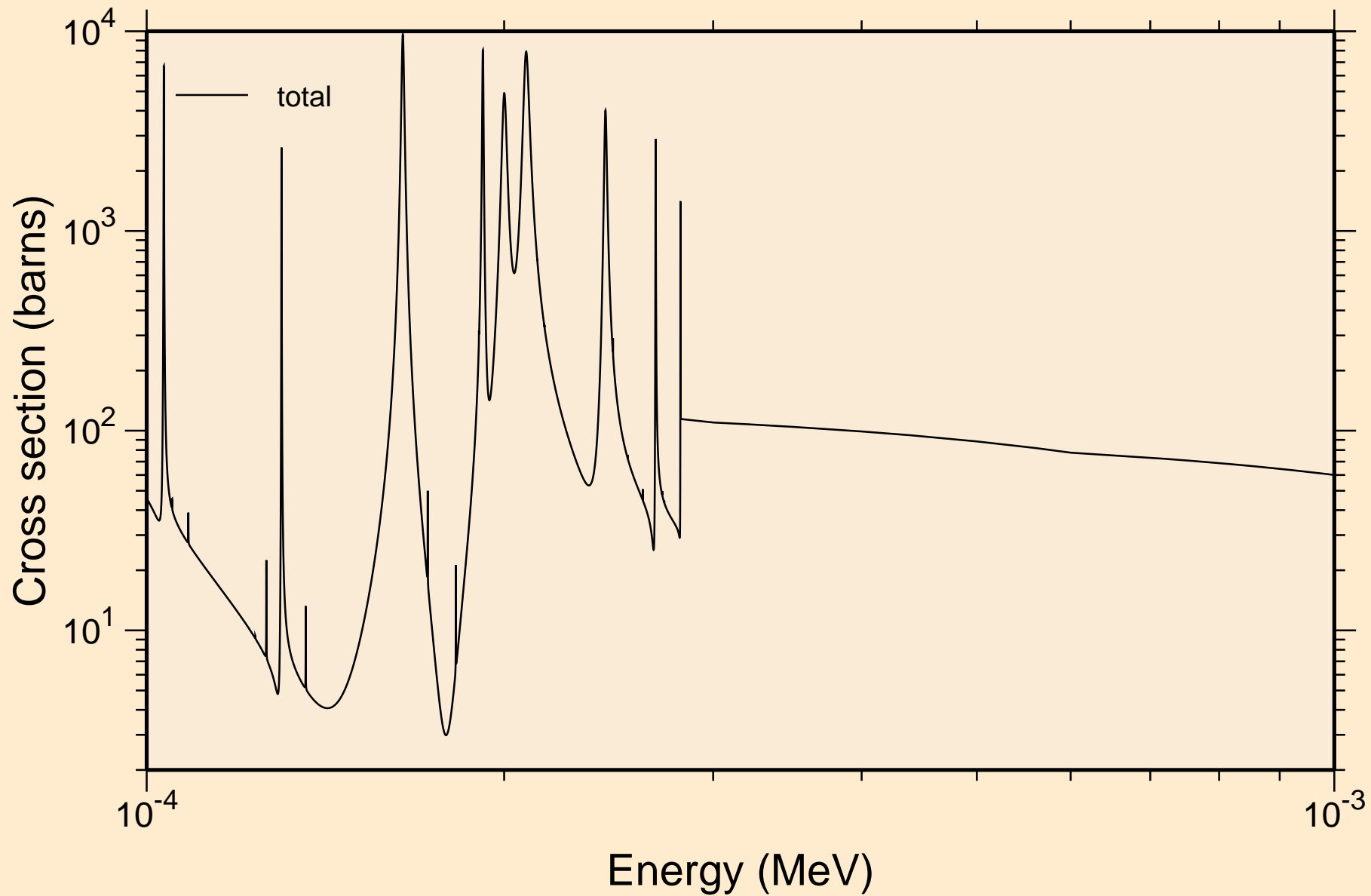
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



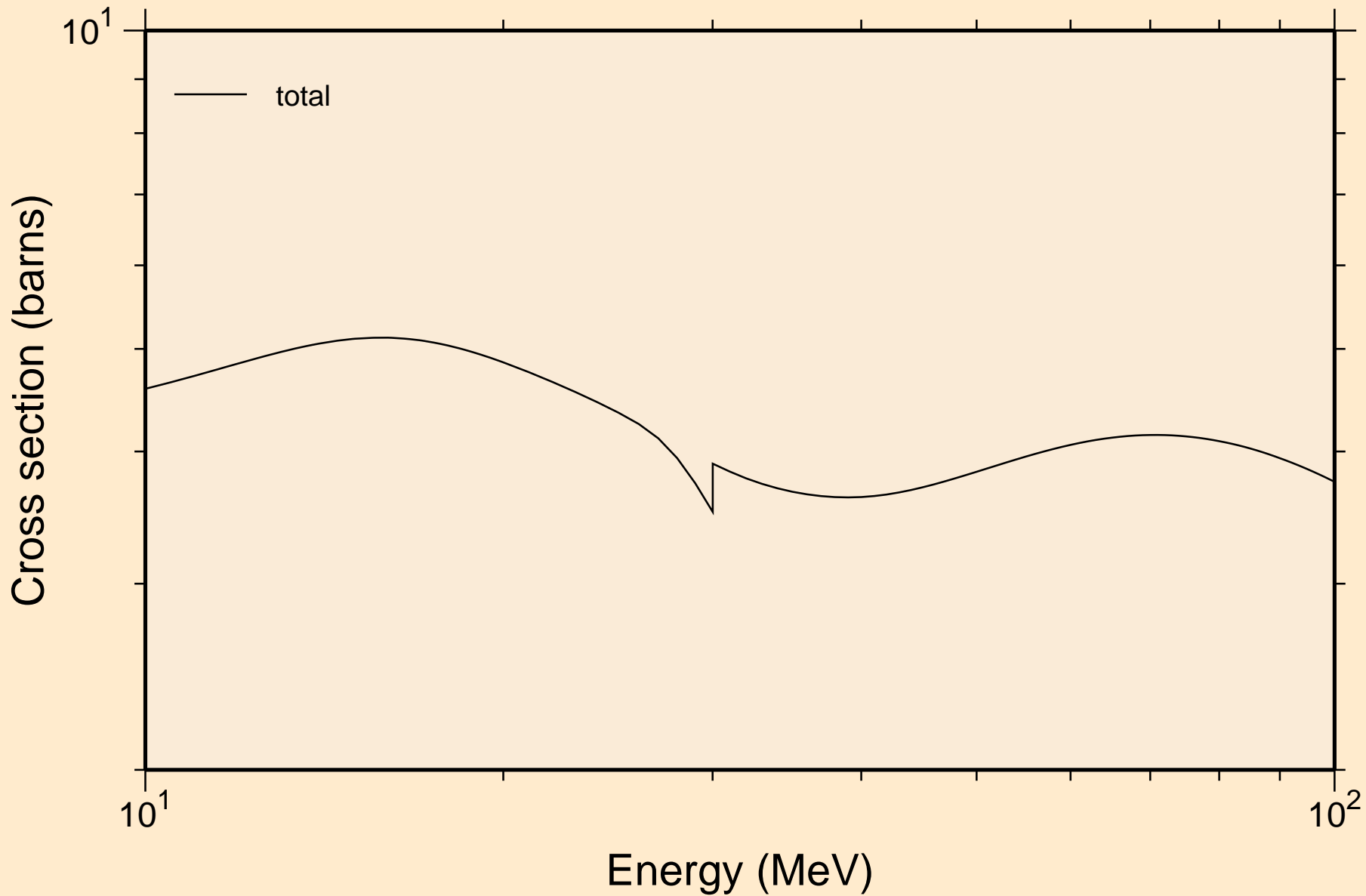
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



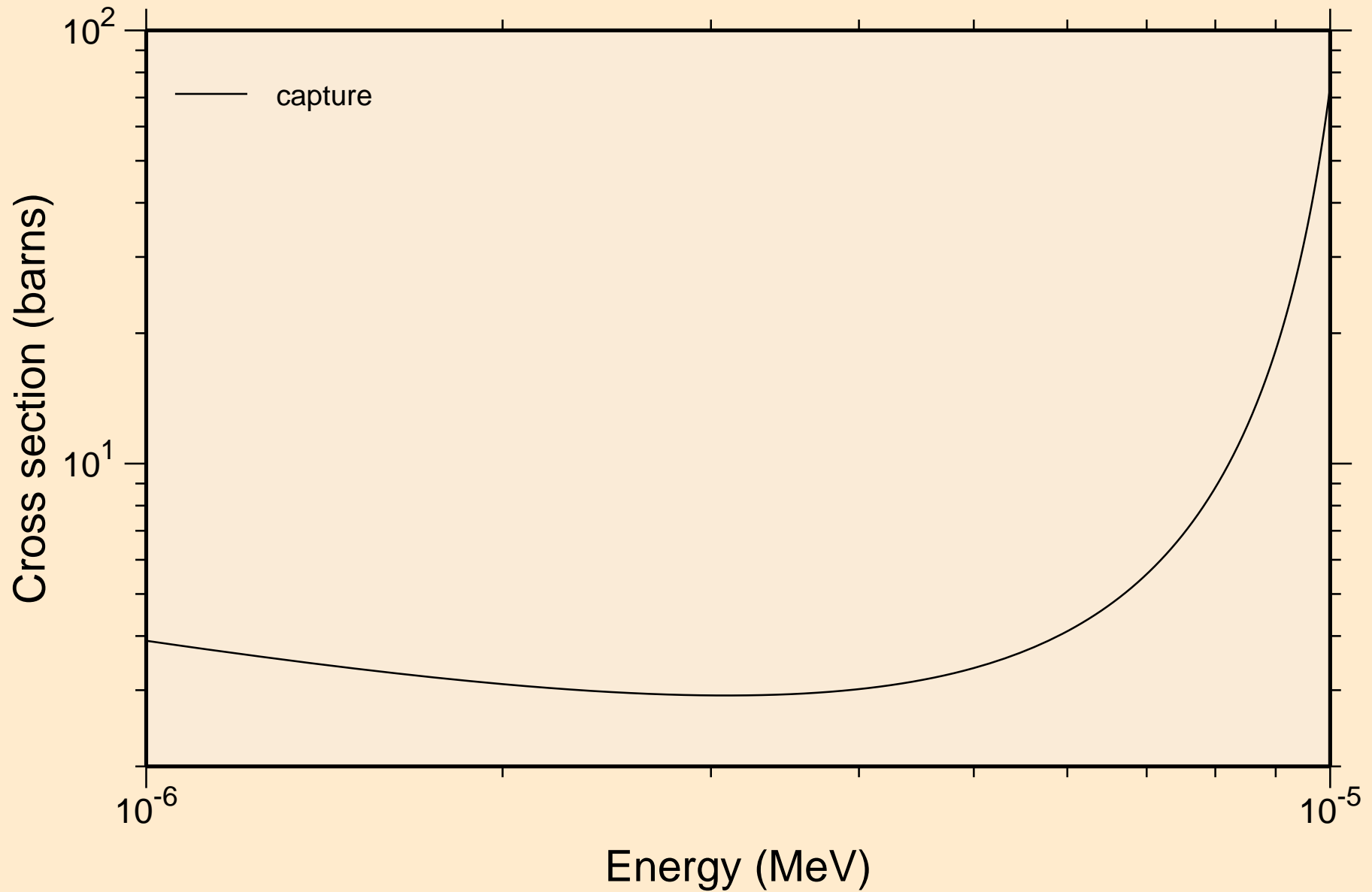
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



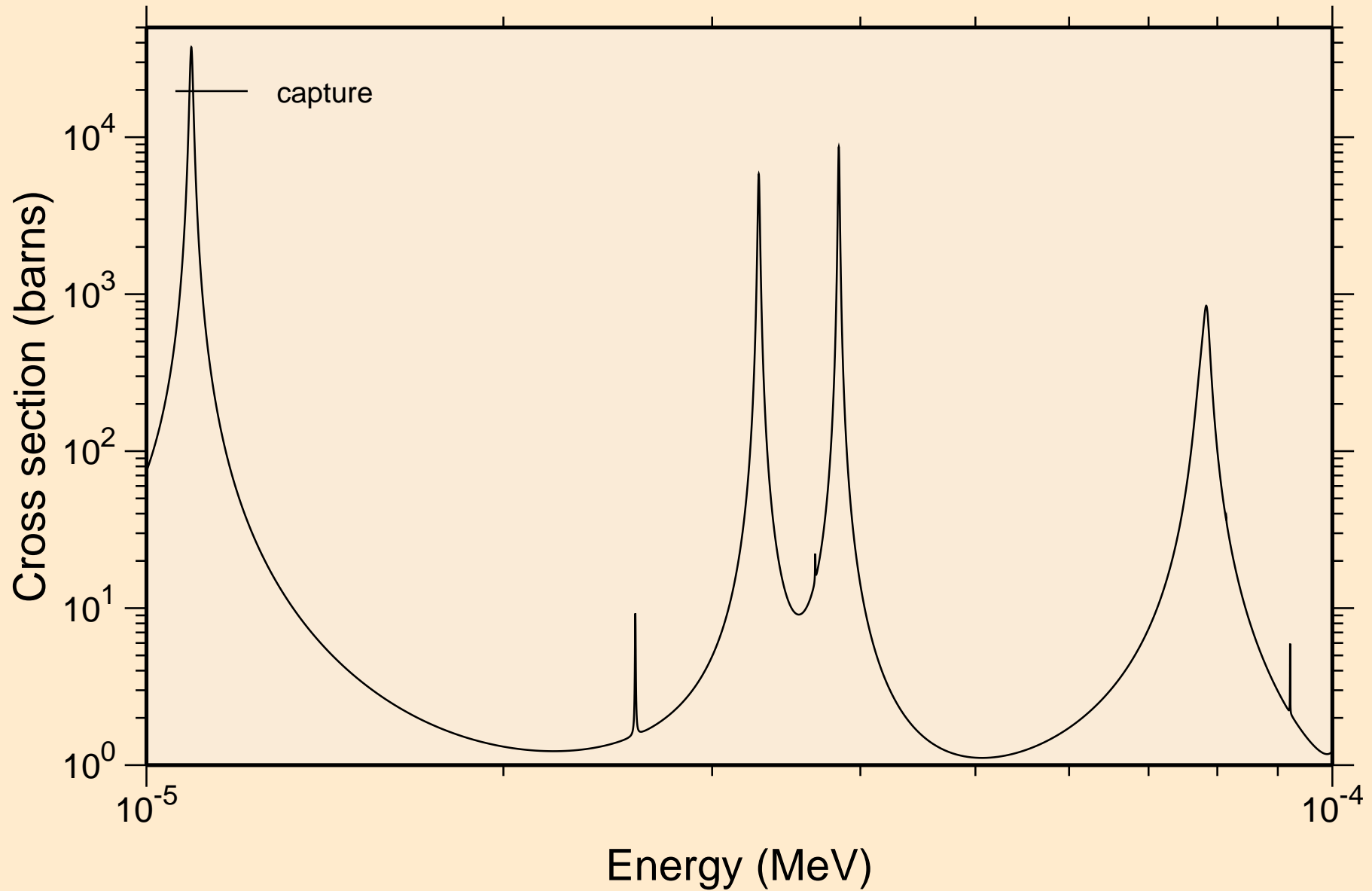
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



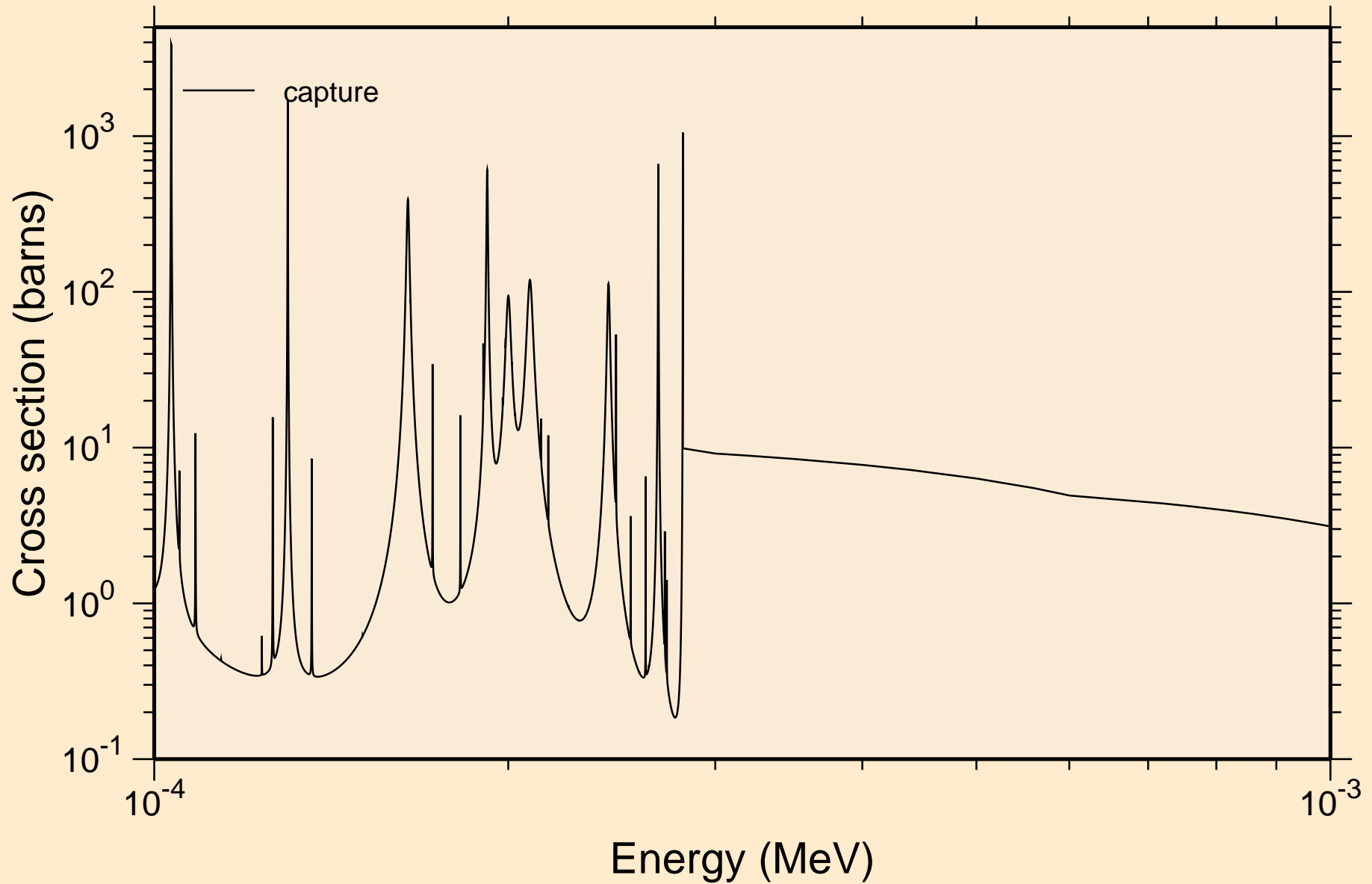
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



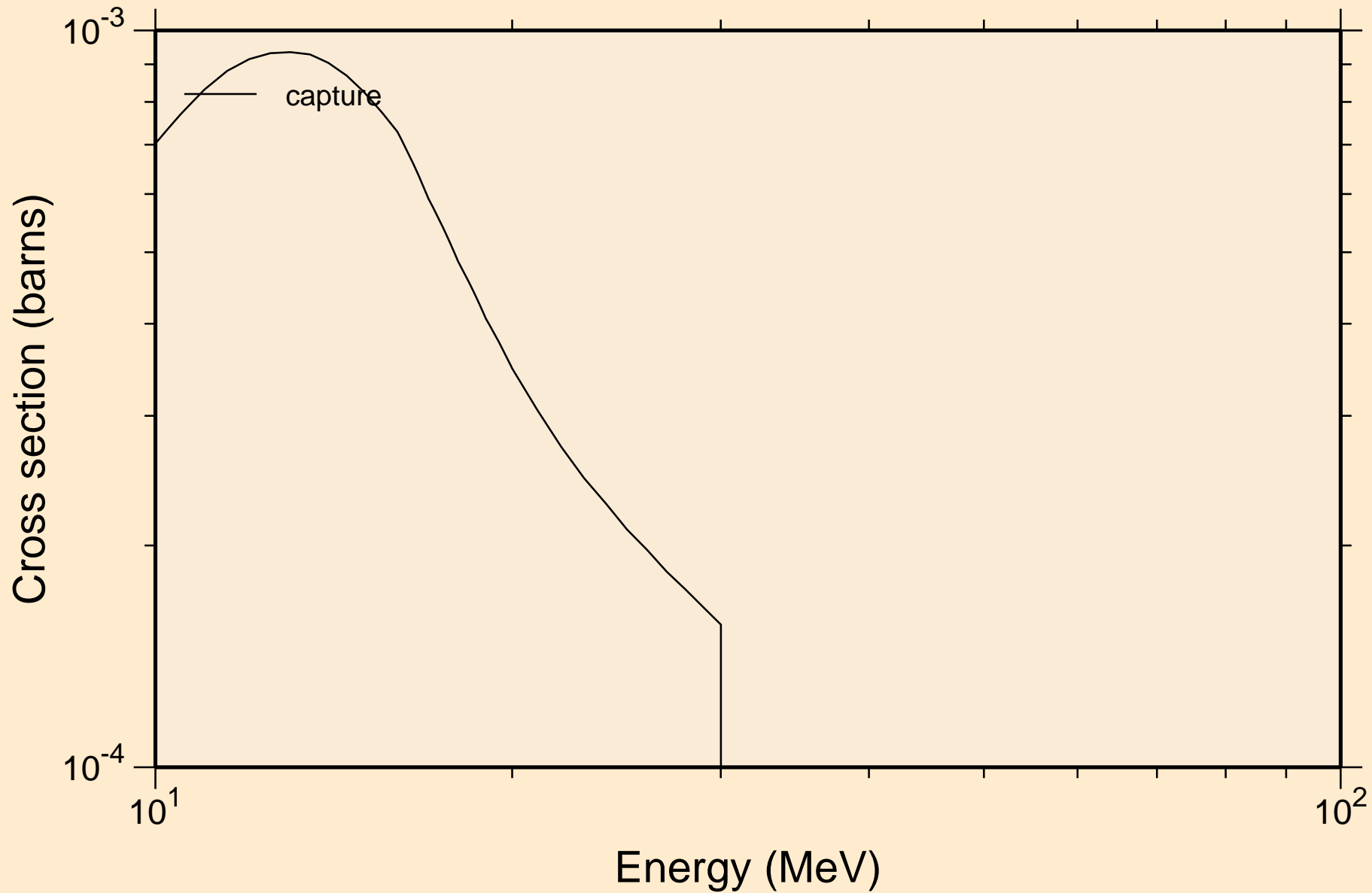
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

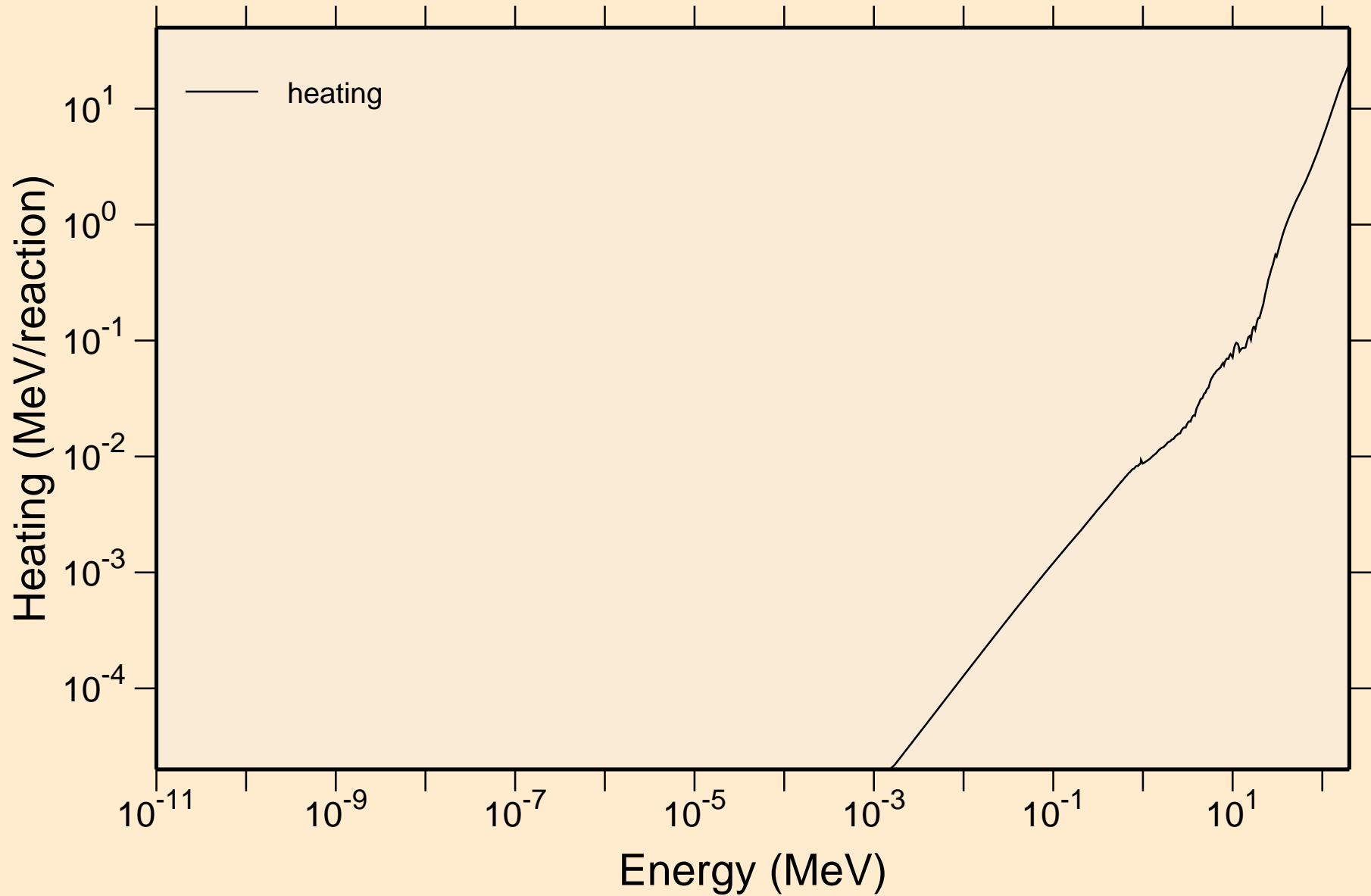


PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

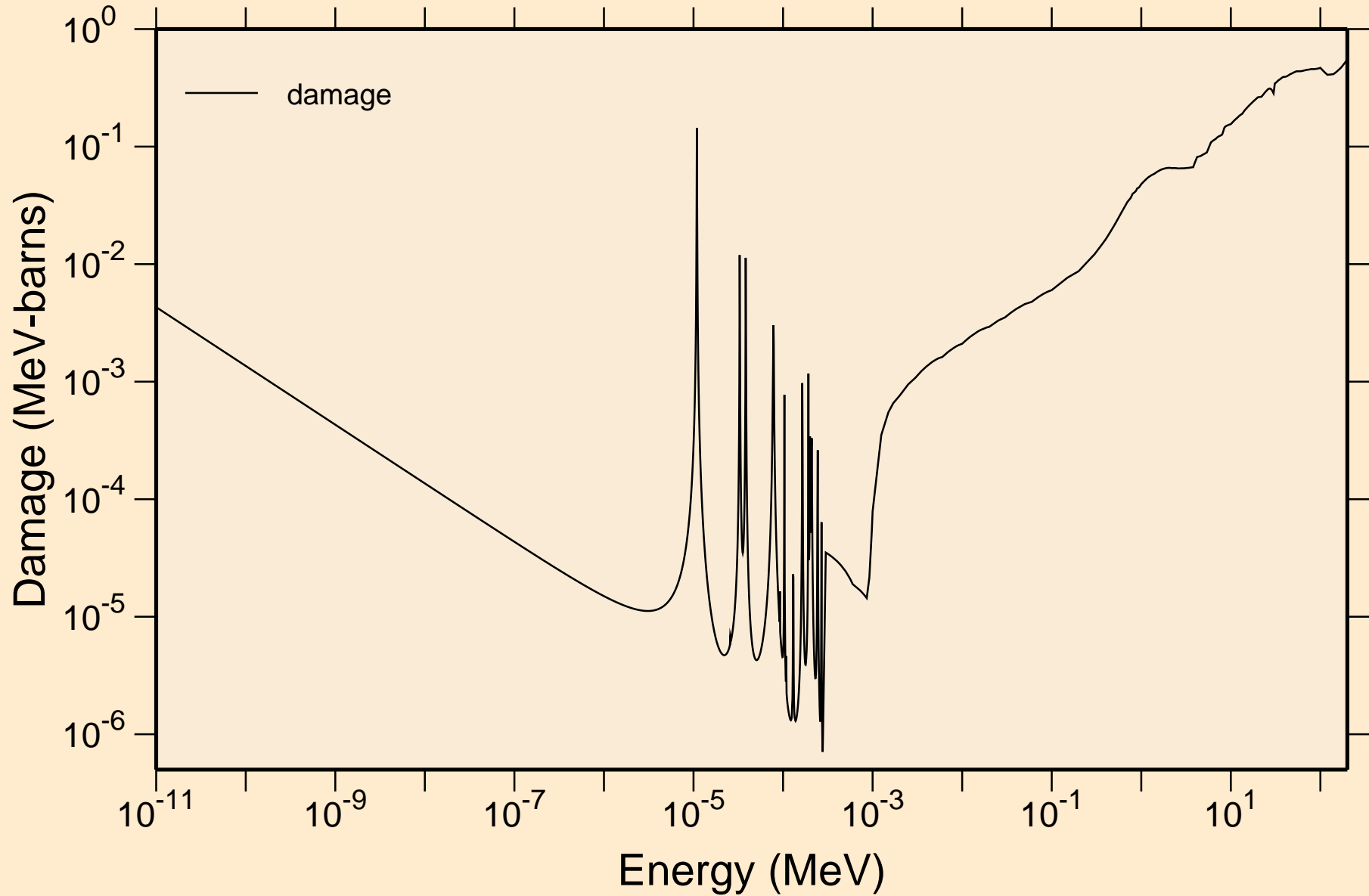




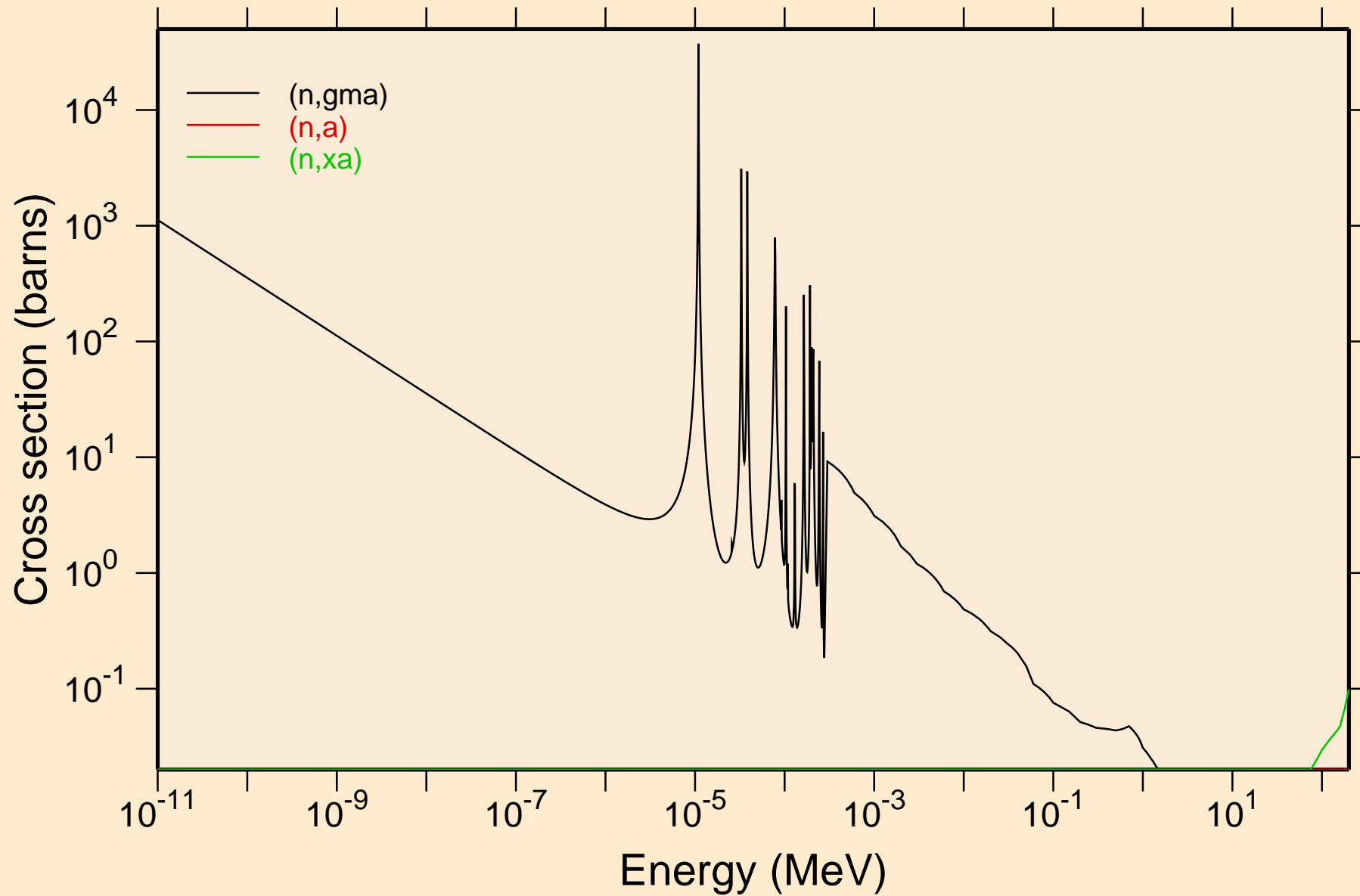
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

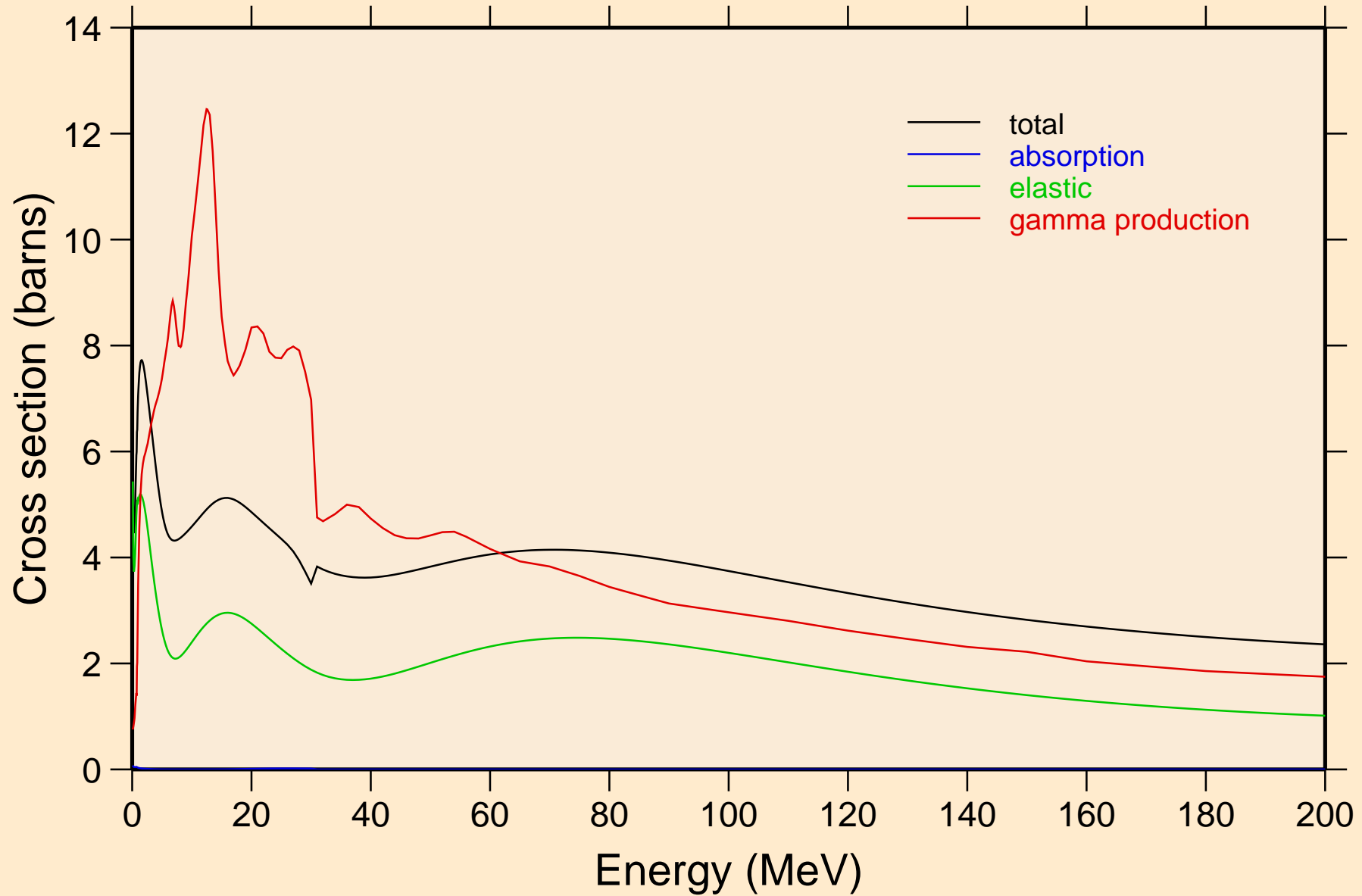


PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



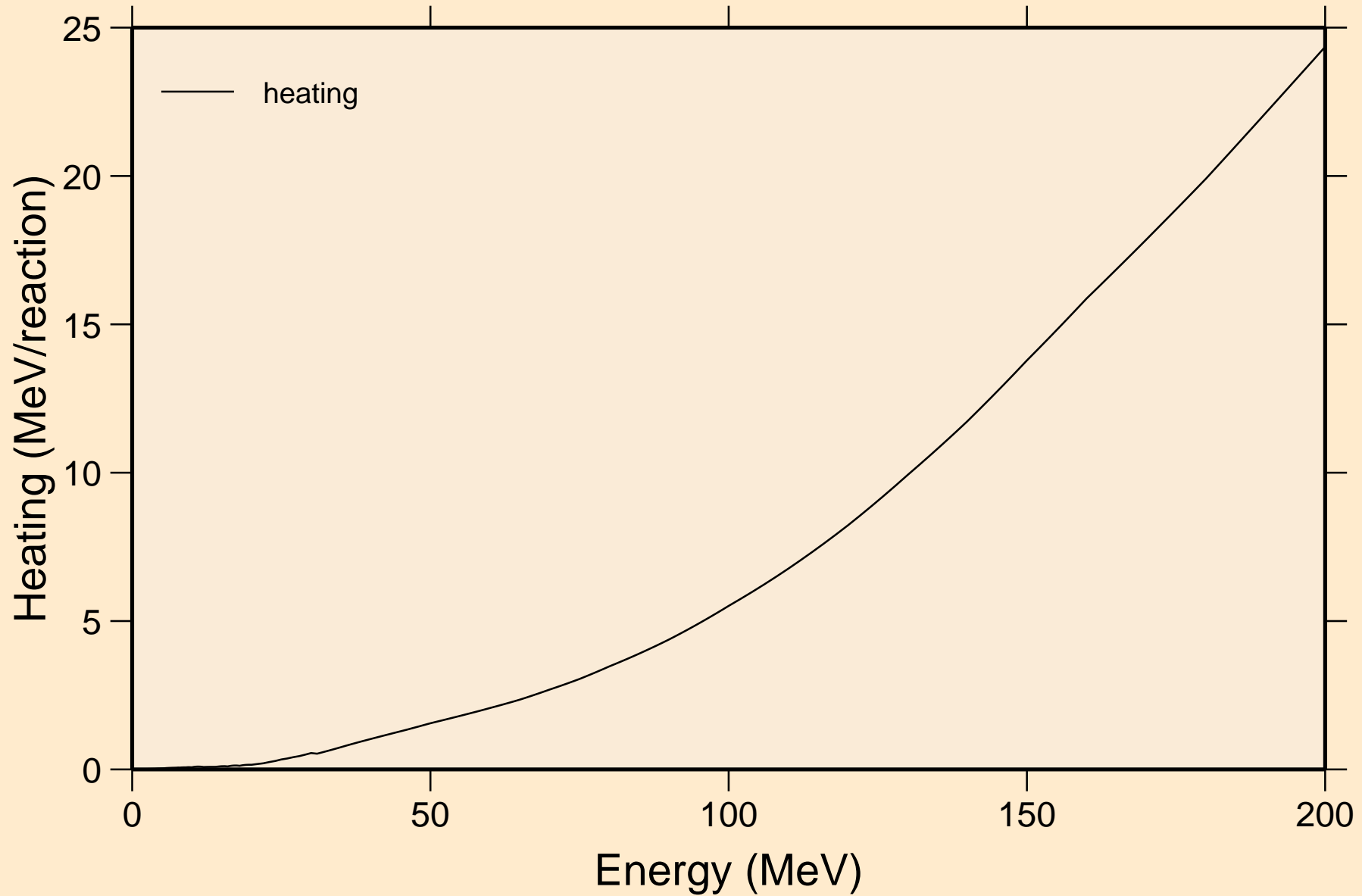
# PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

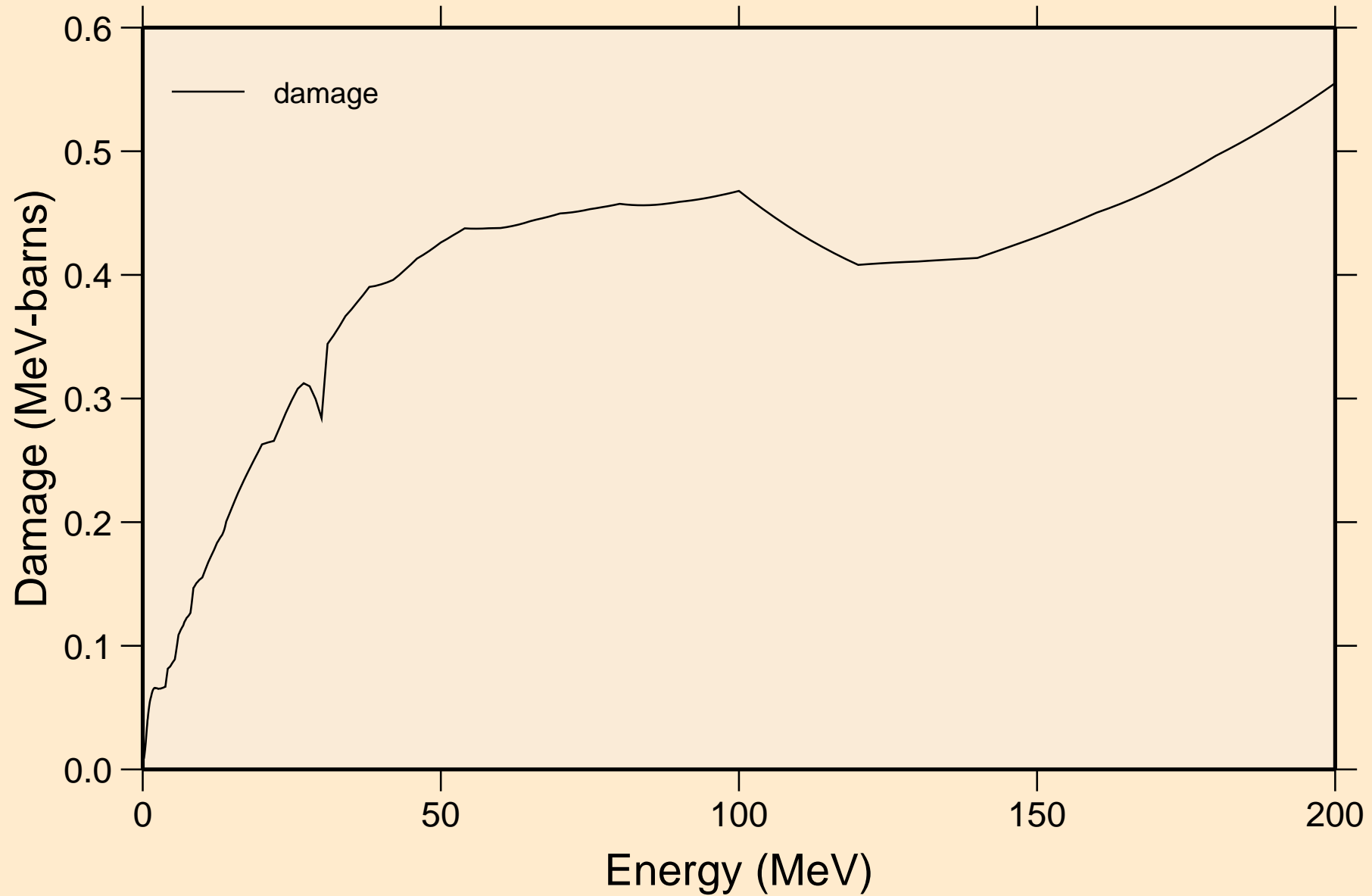


# PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

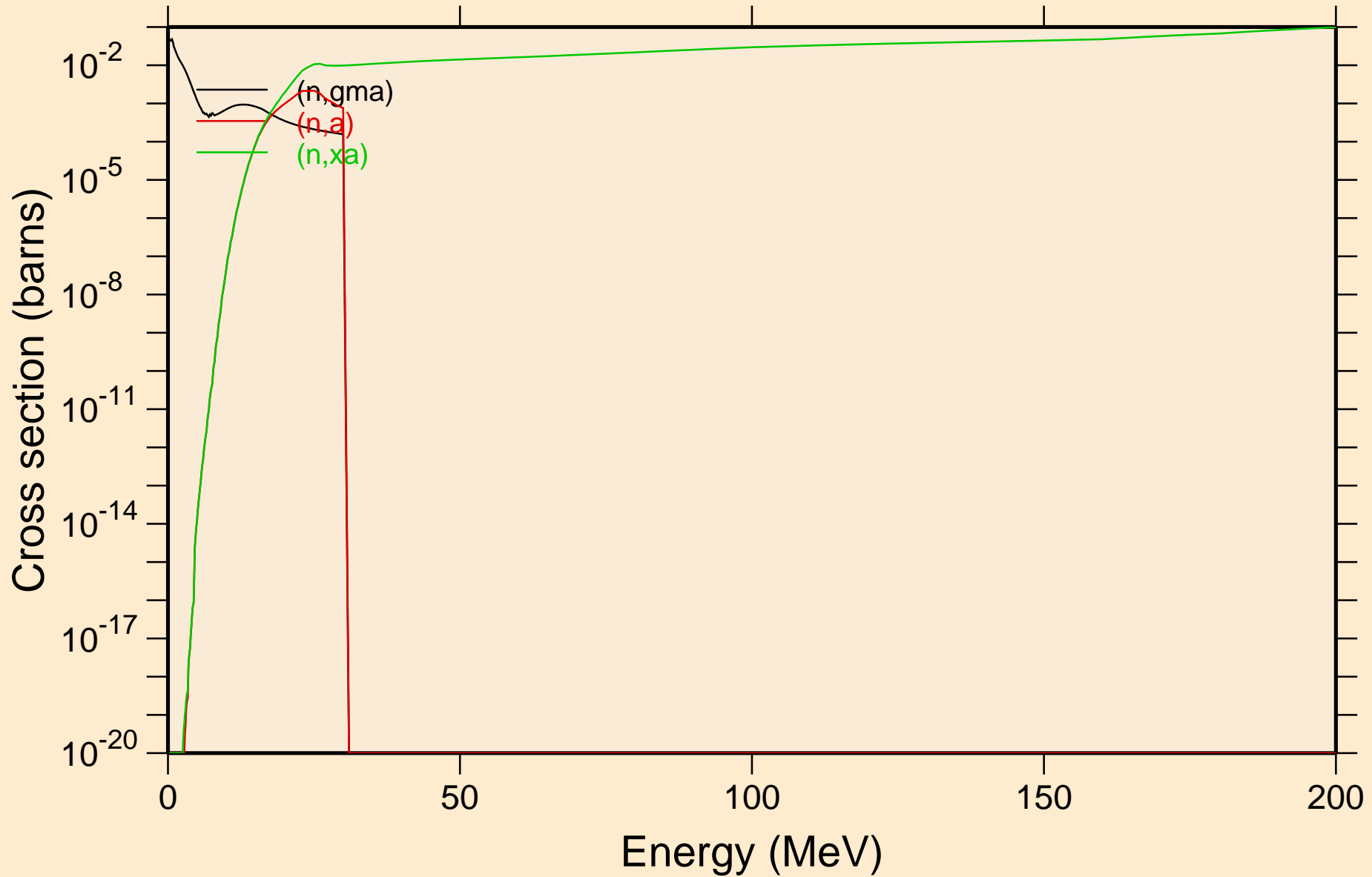
## Heating



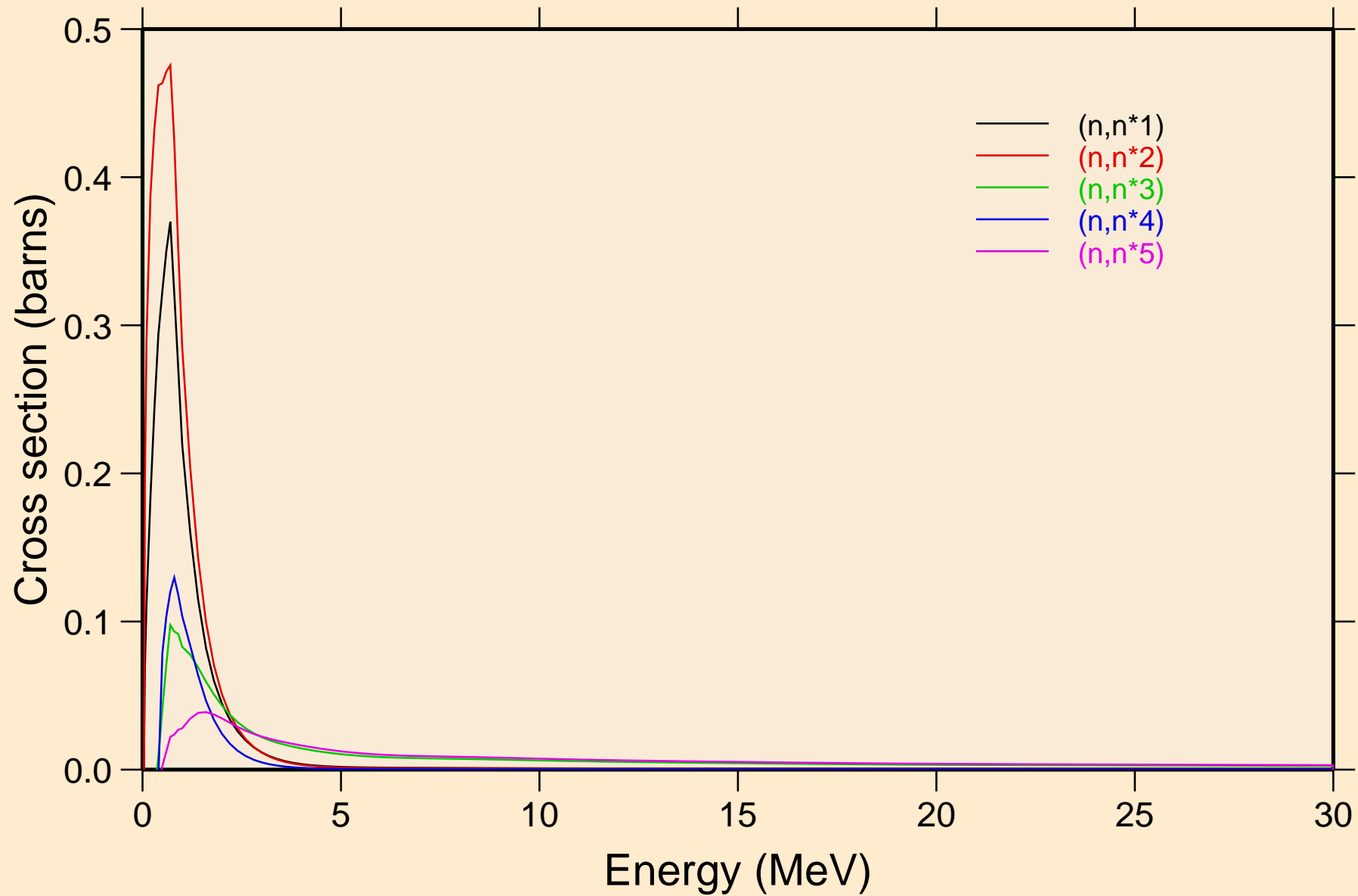
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

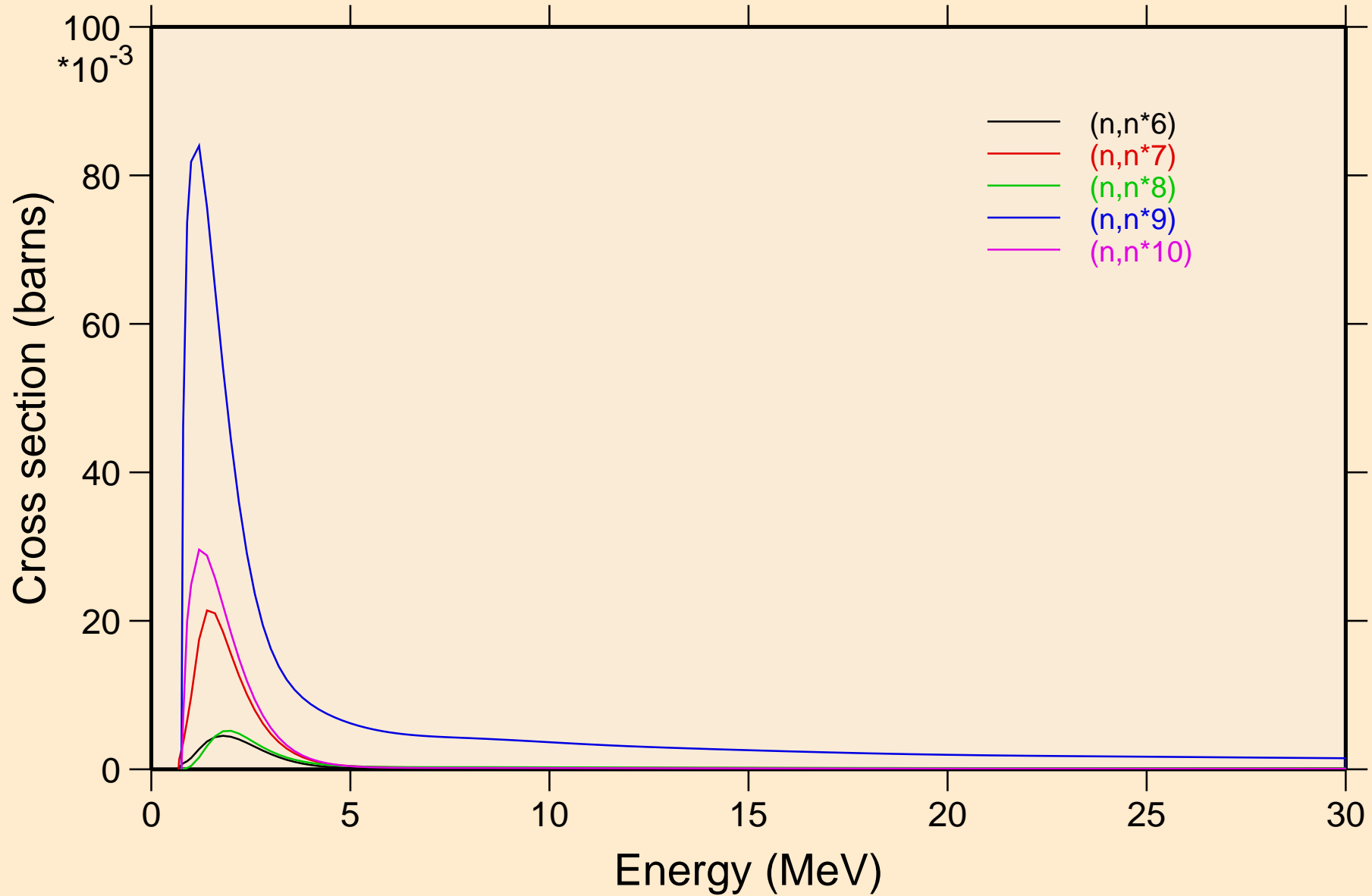


PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

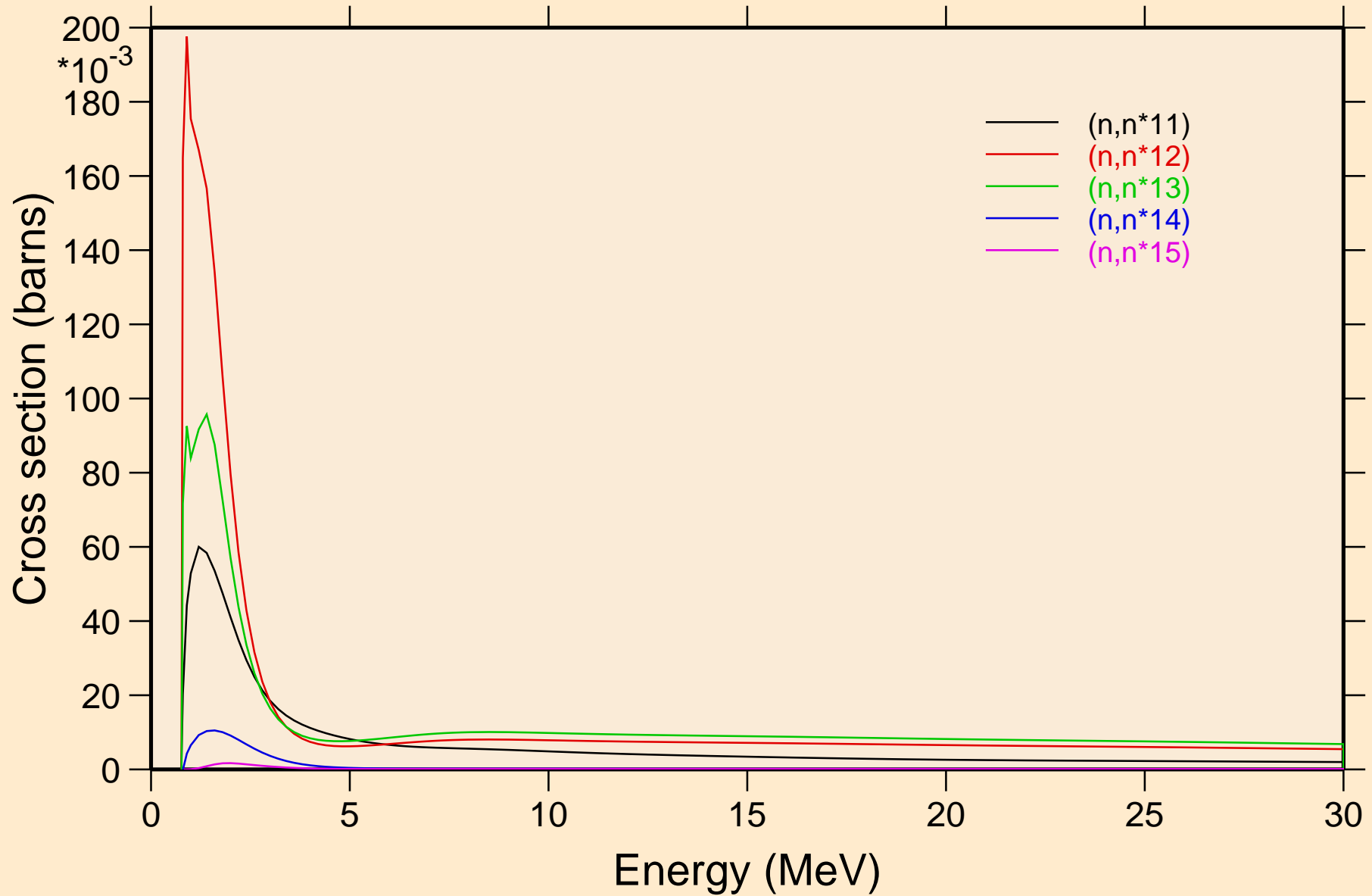




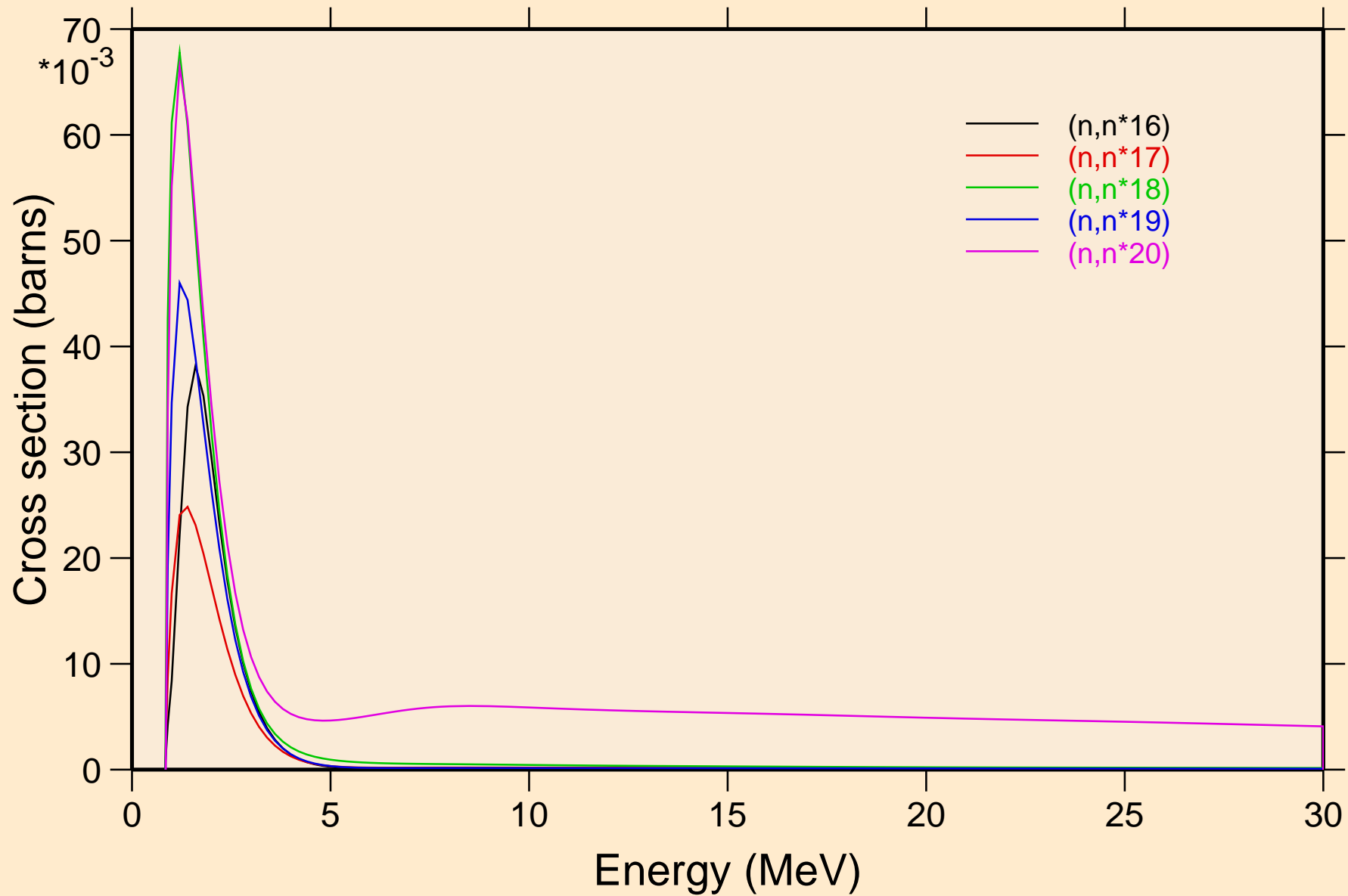
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



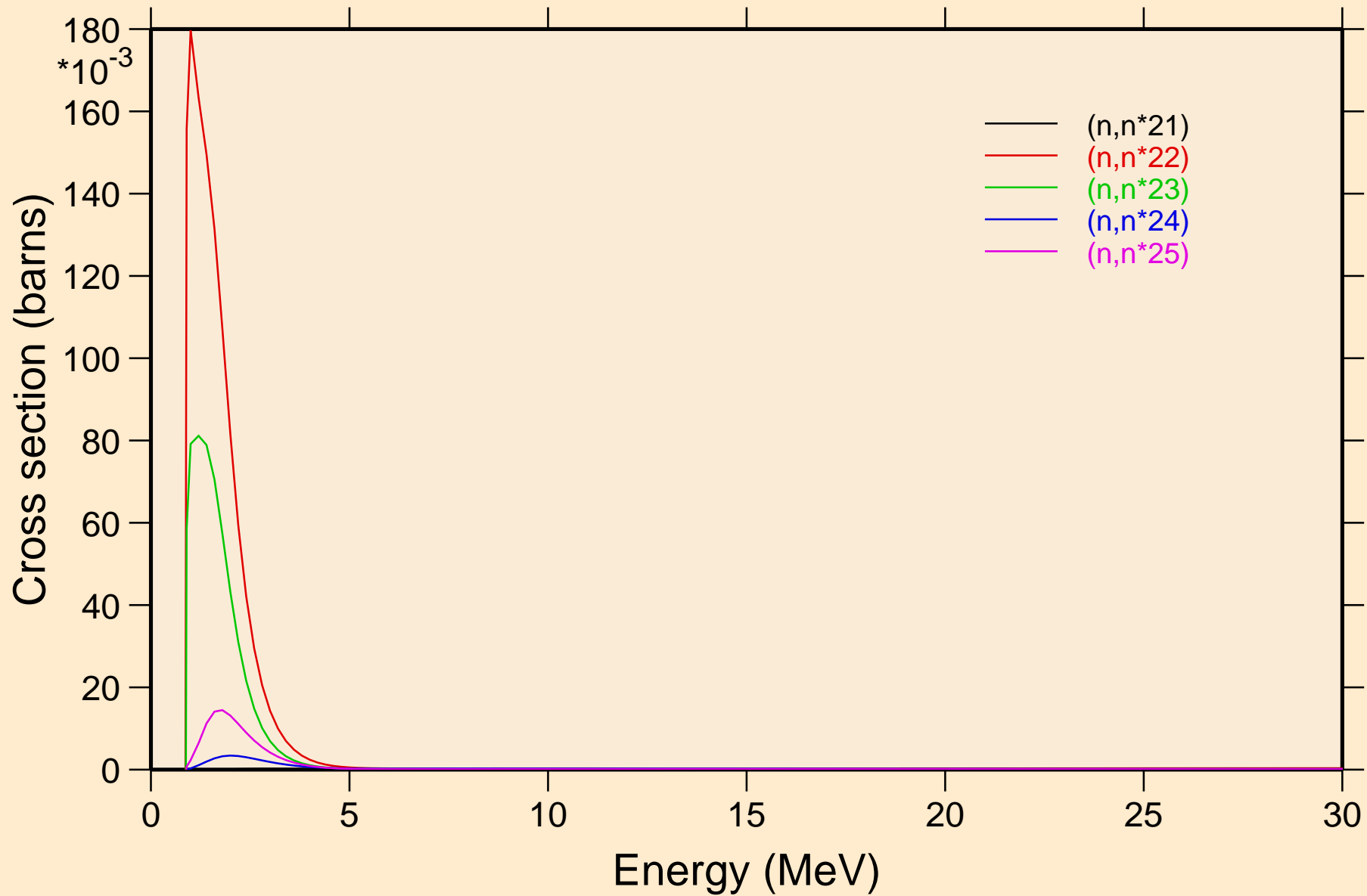
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



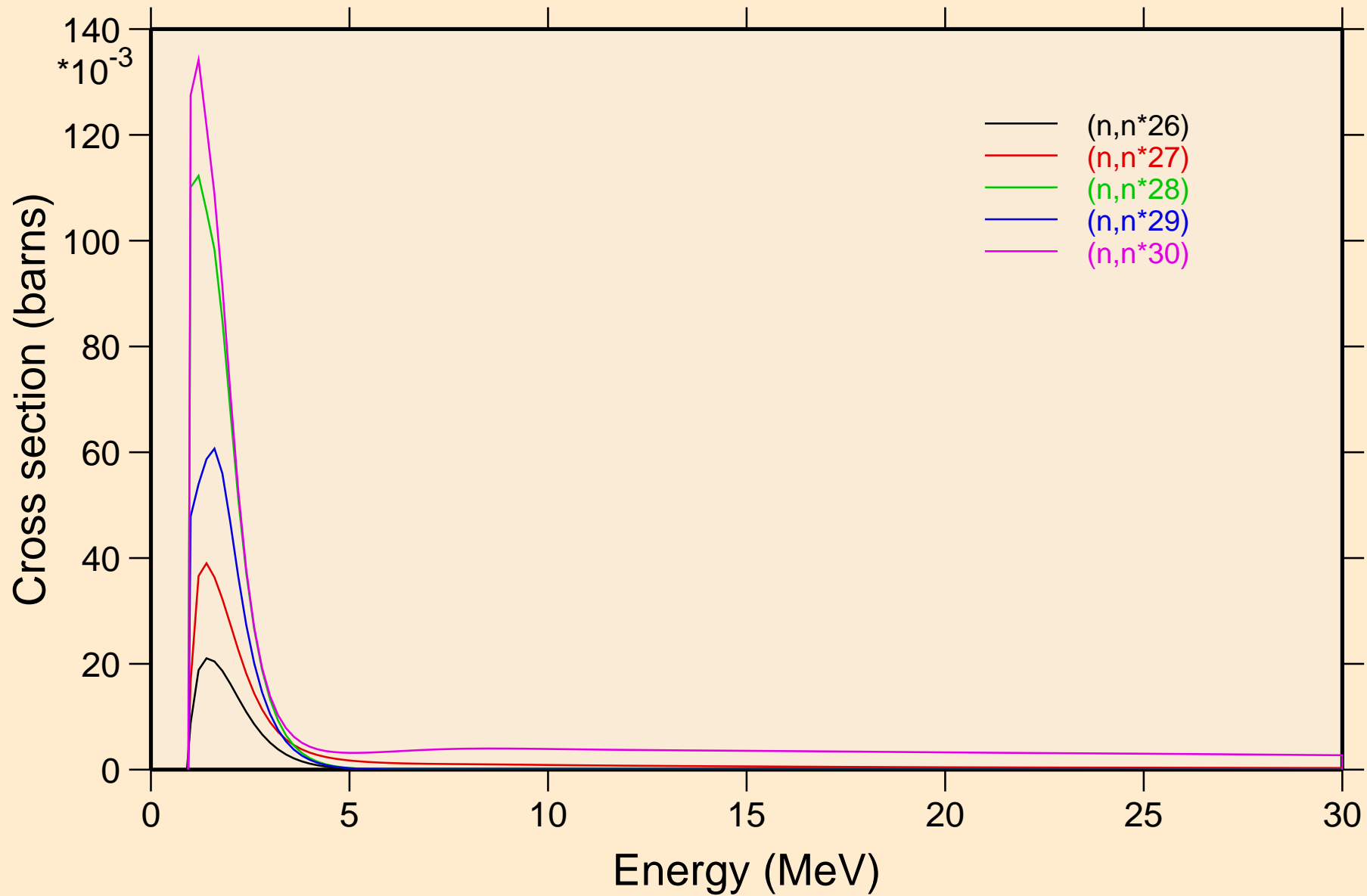
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



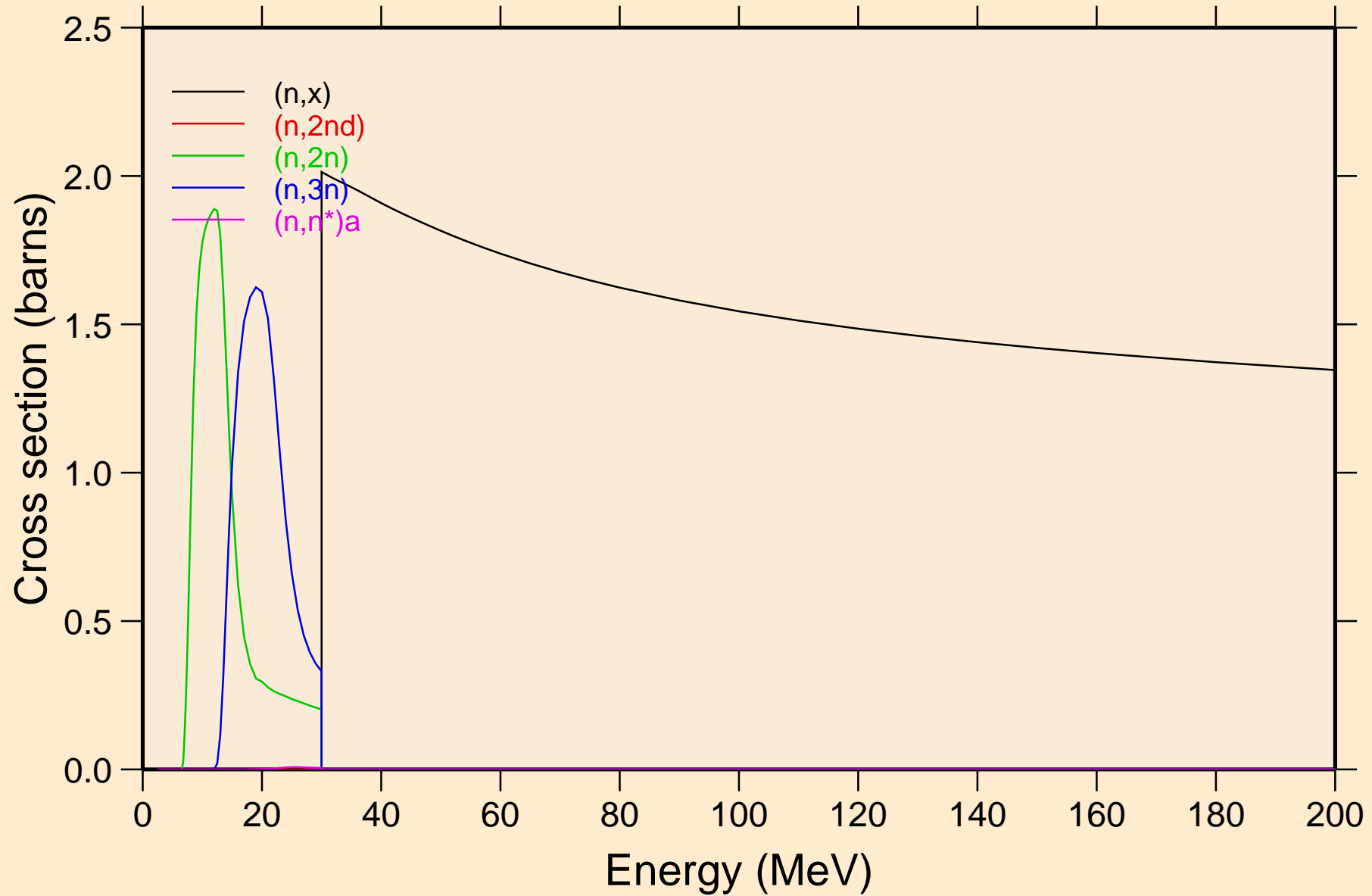
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Inelastic levels



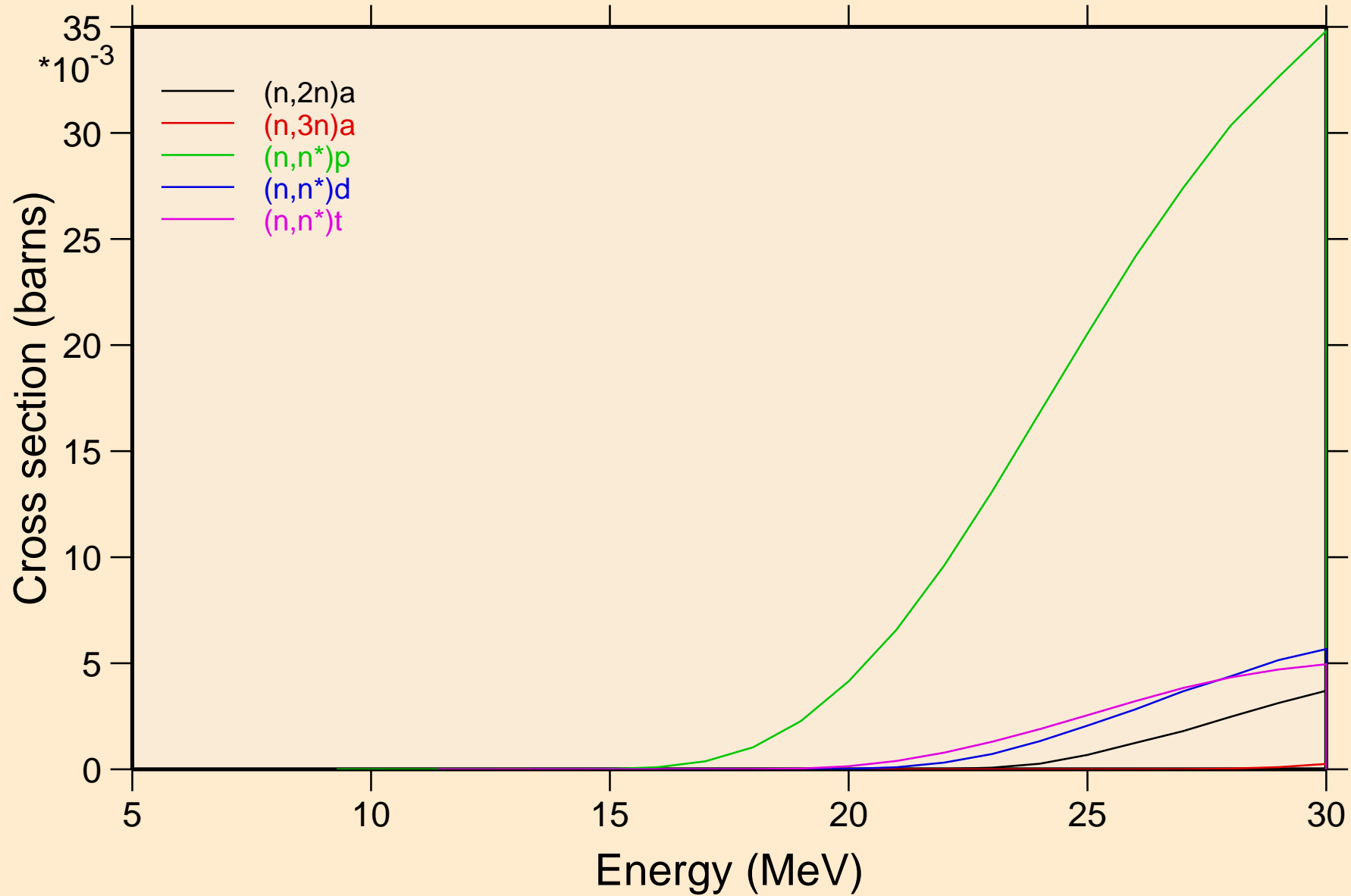
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



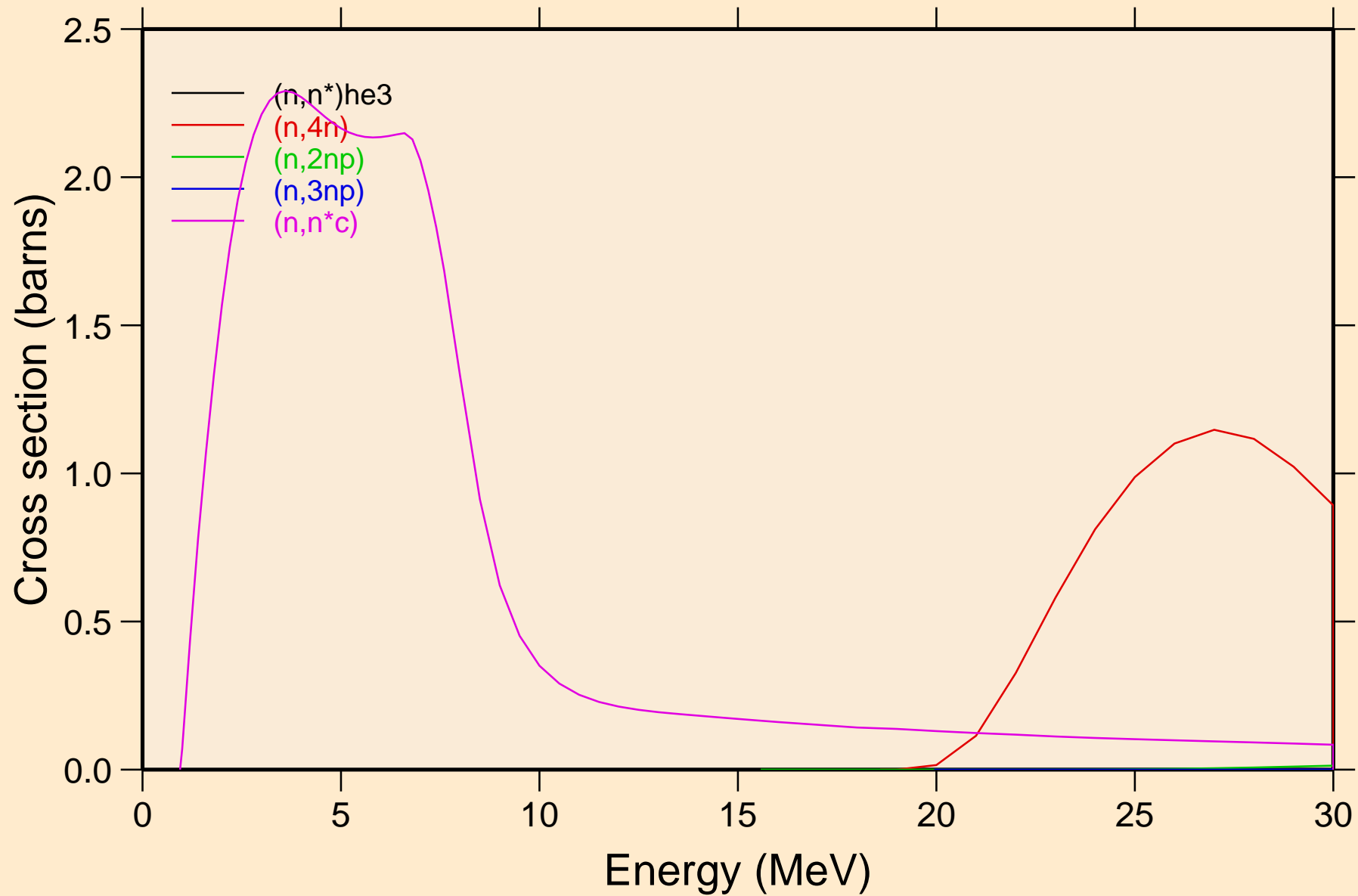
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

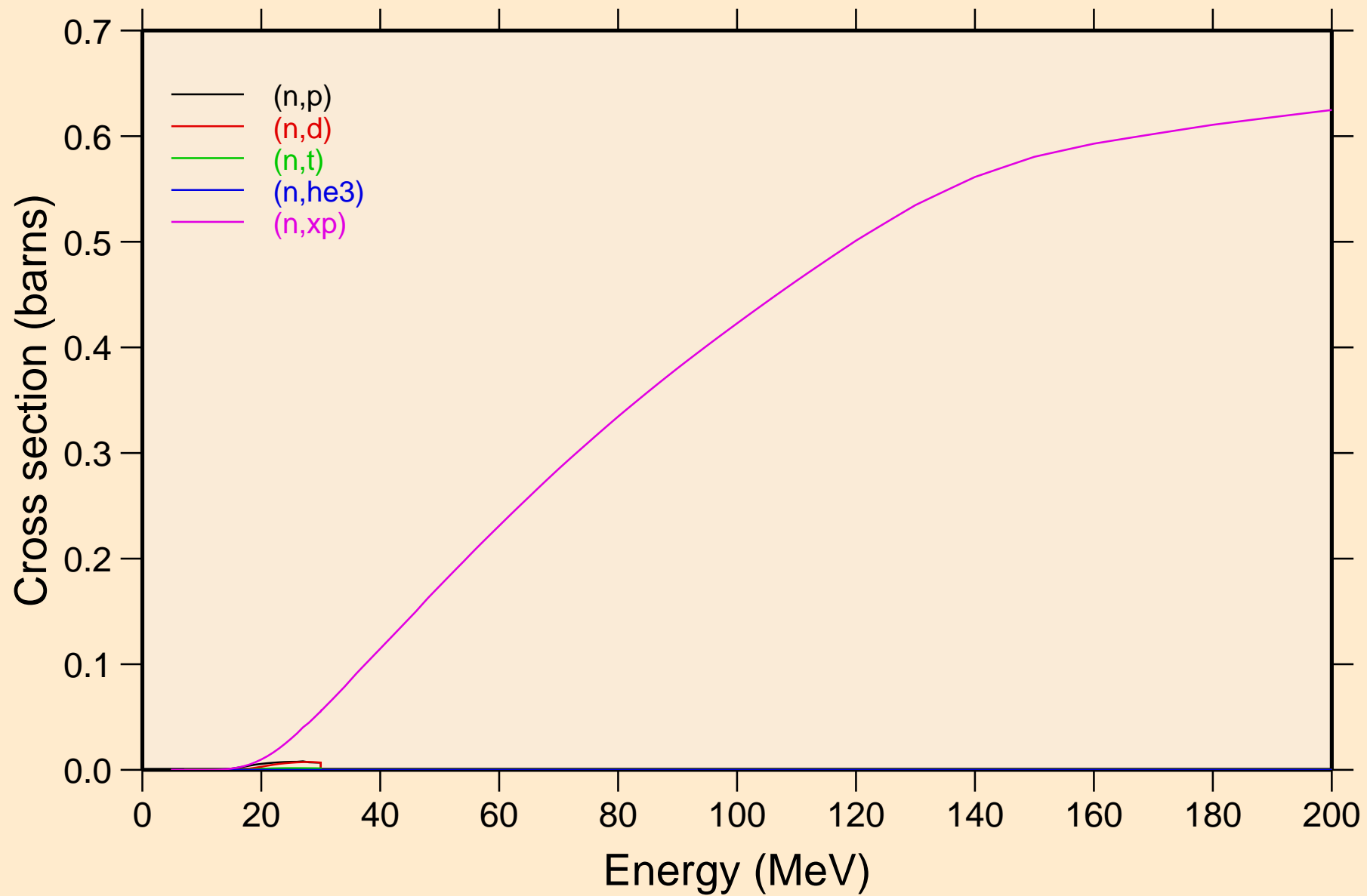


PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

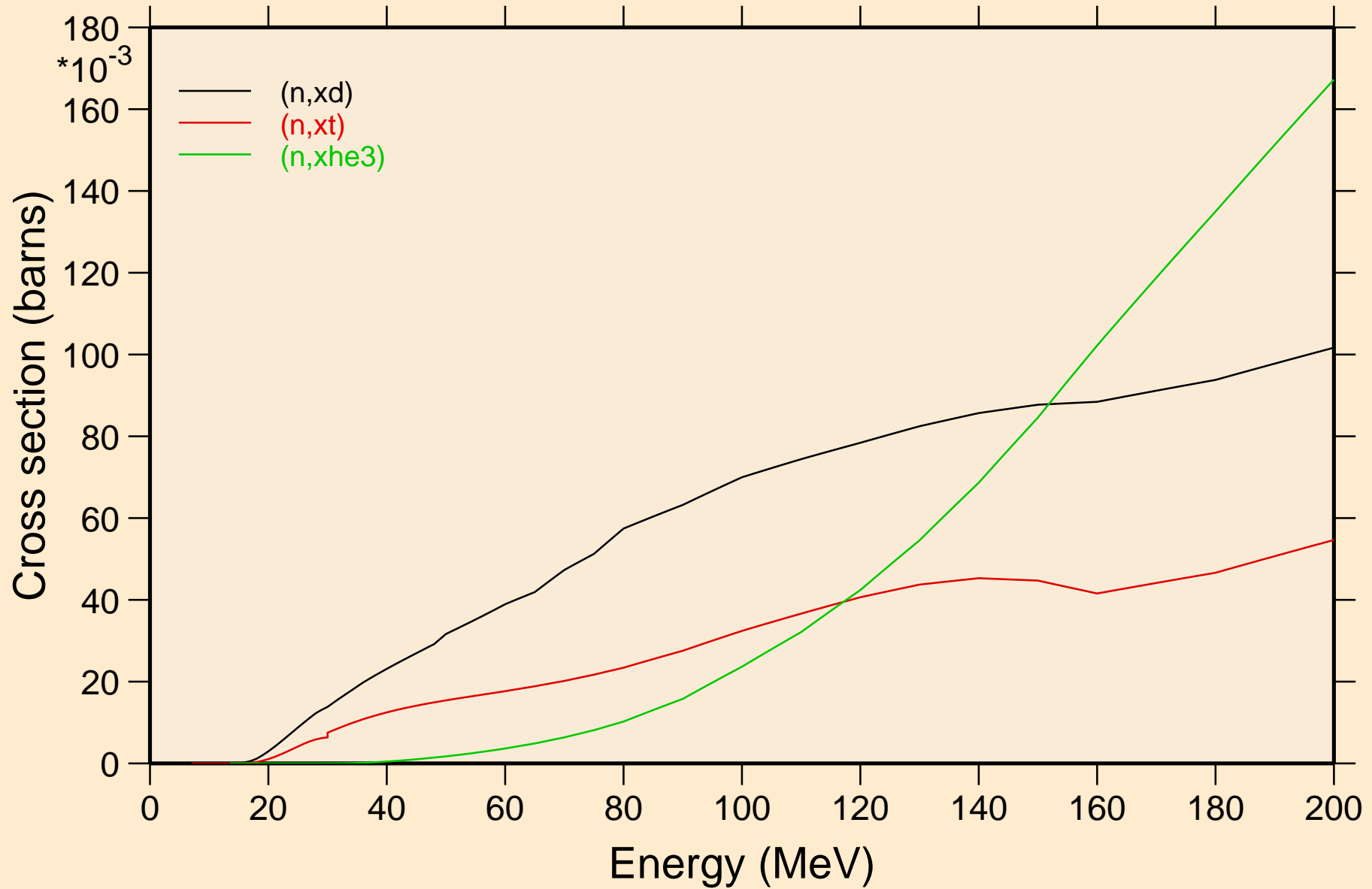




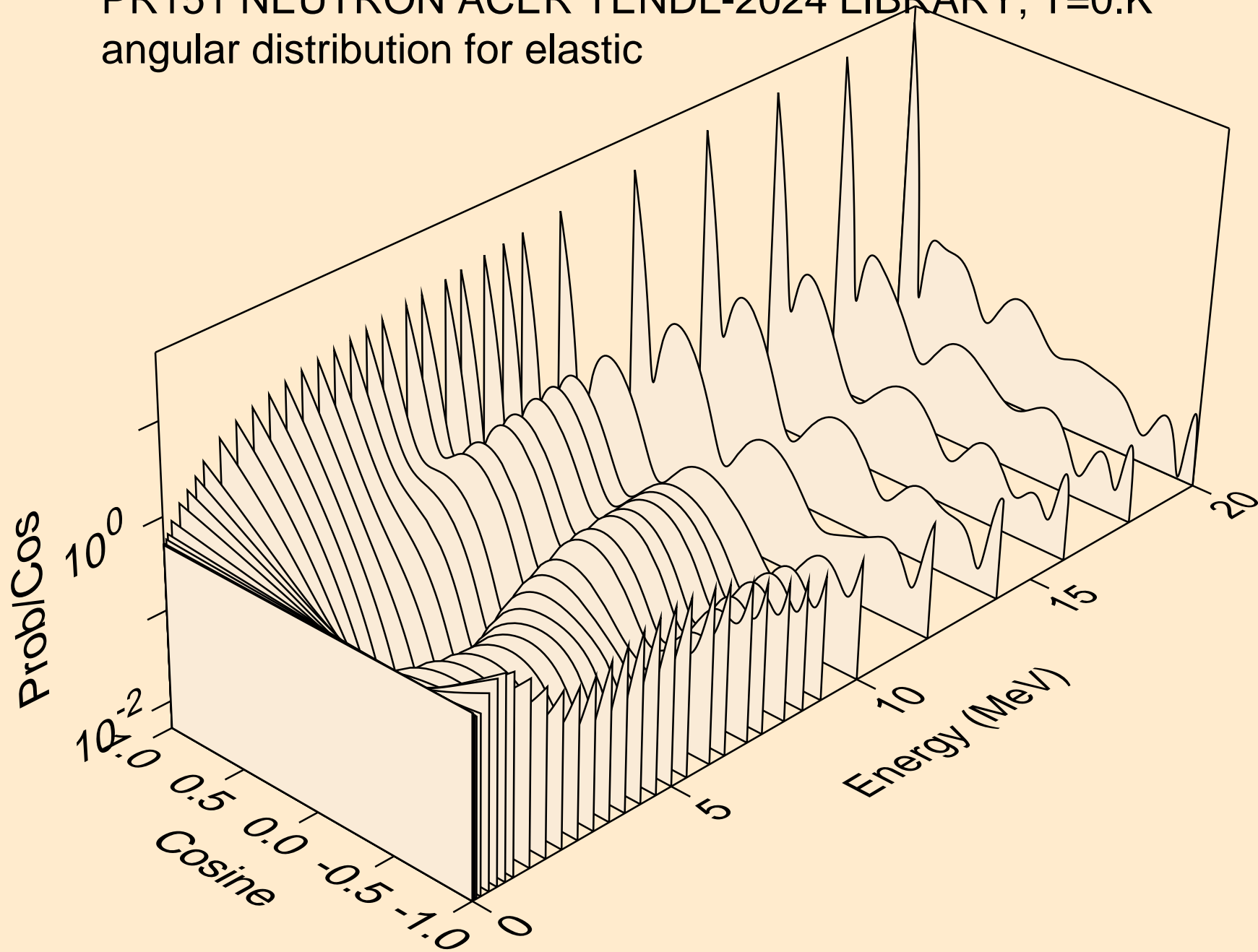
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



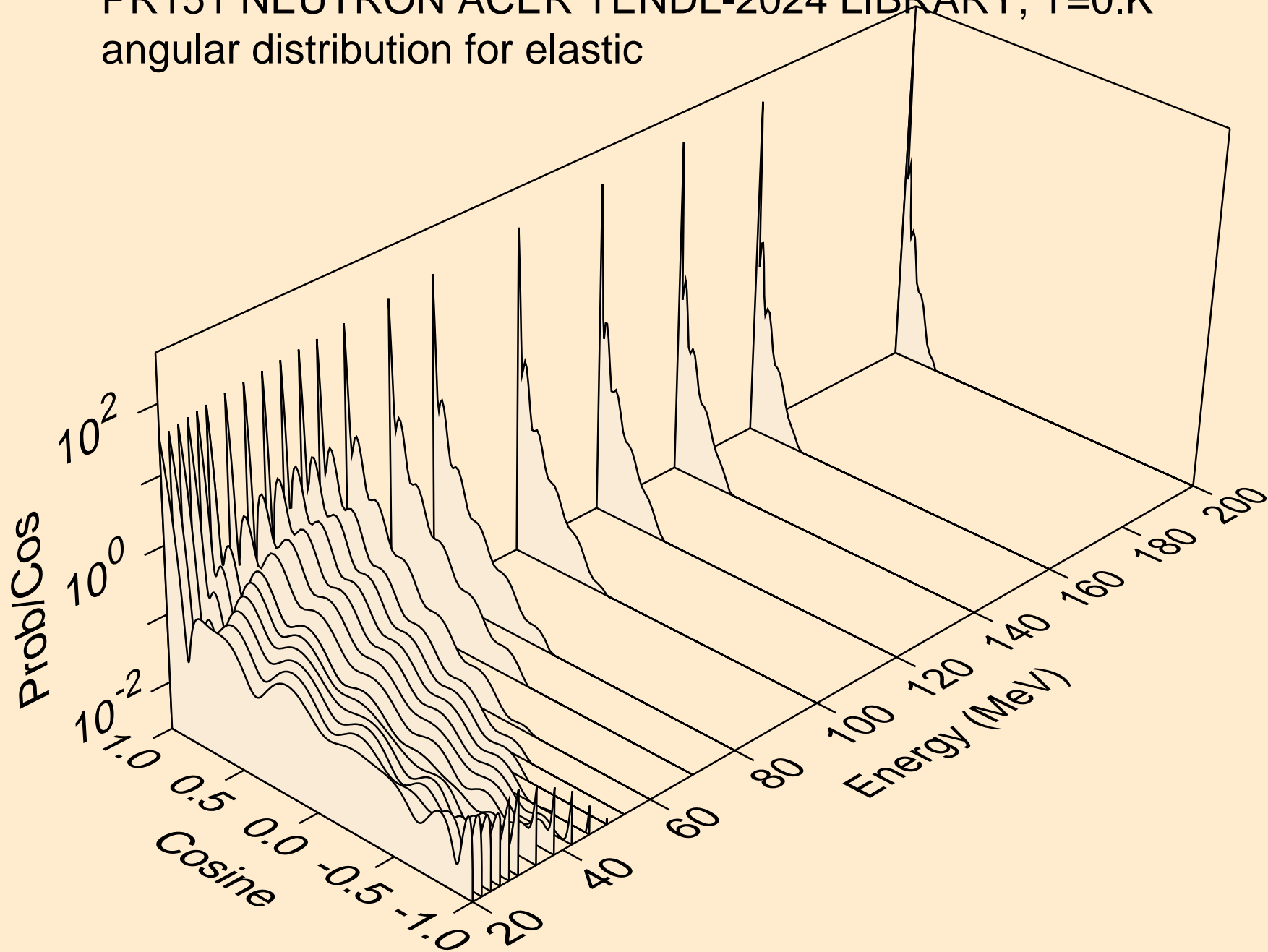
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



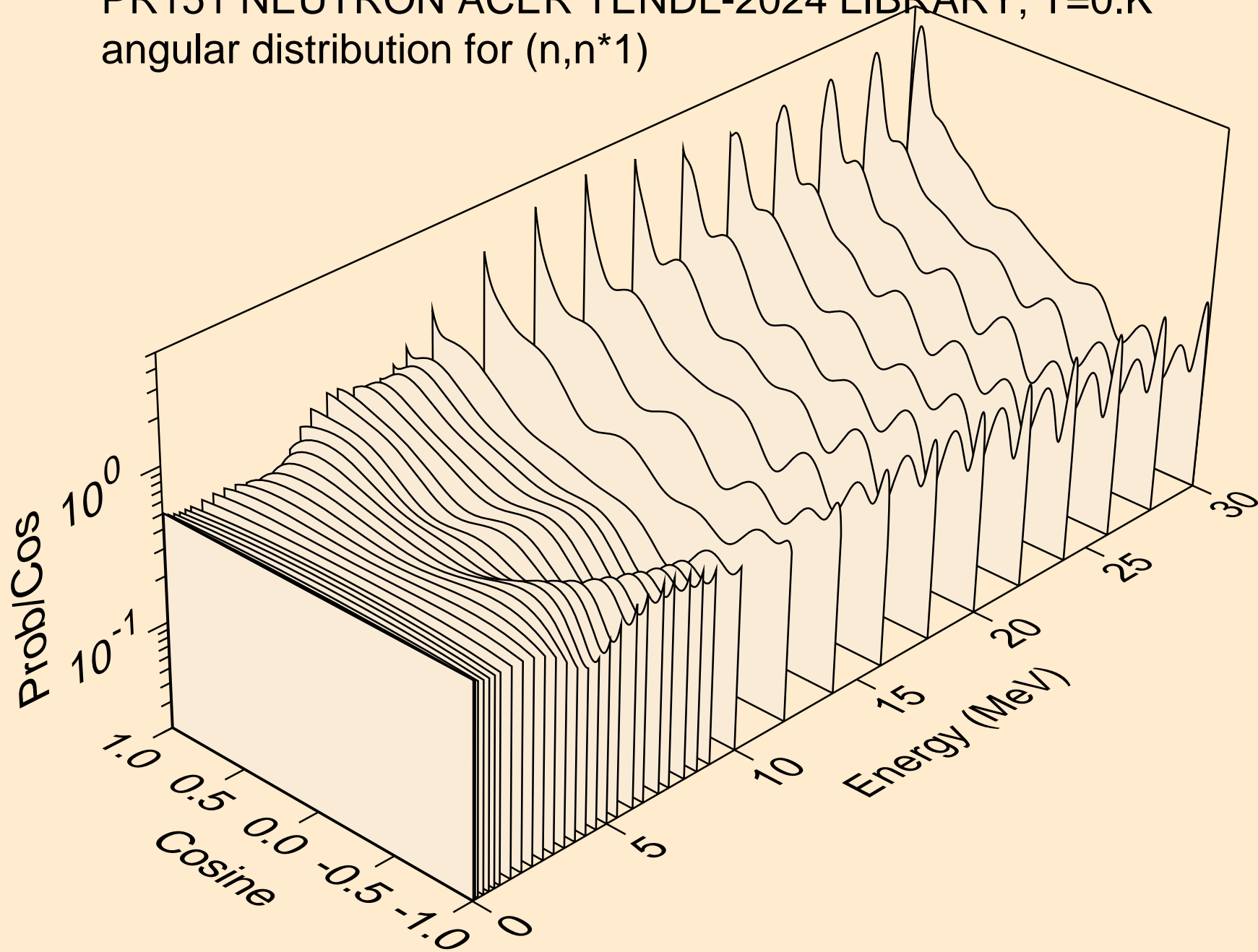
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



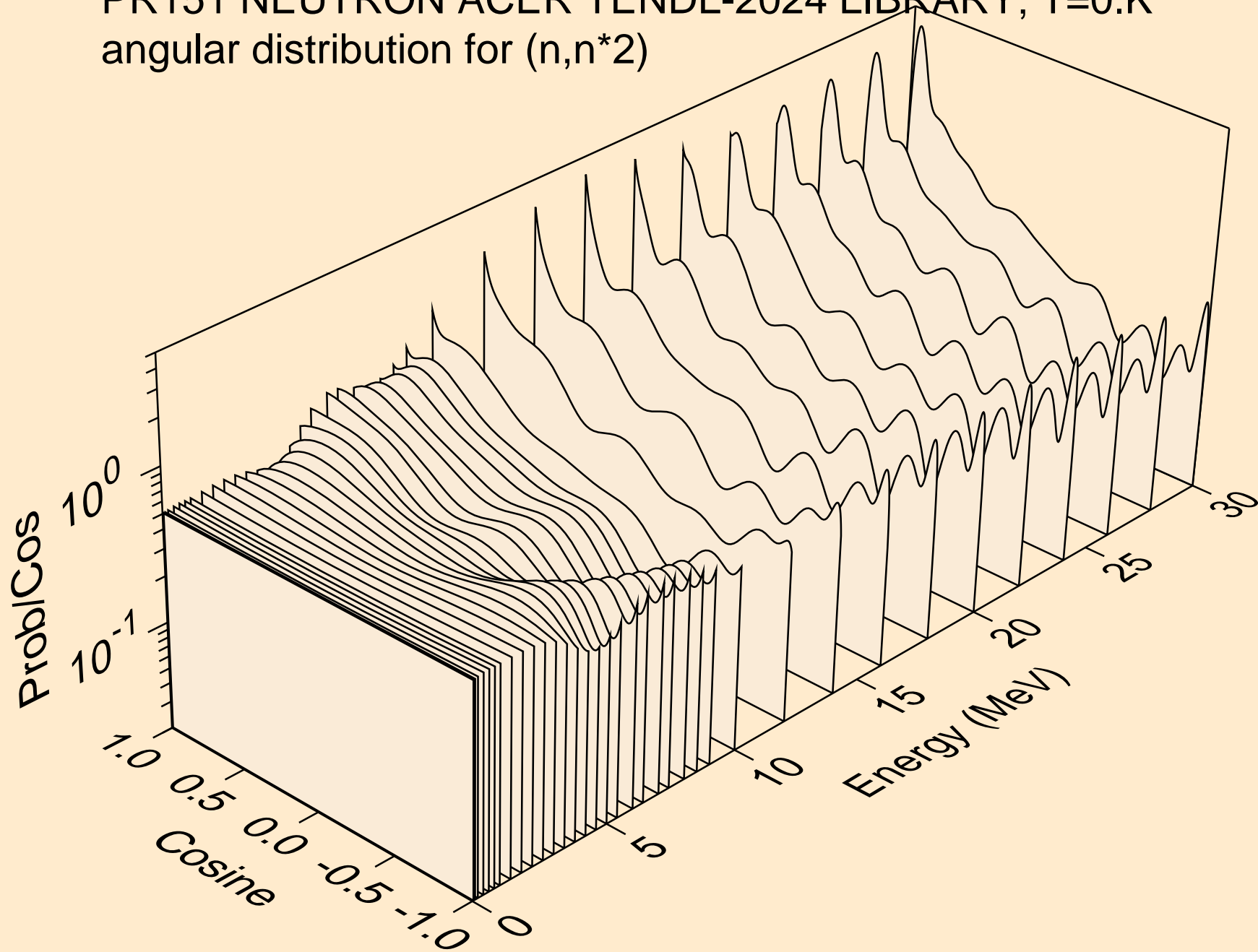
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angular distribution for elastic



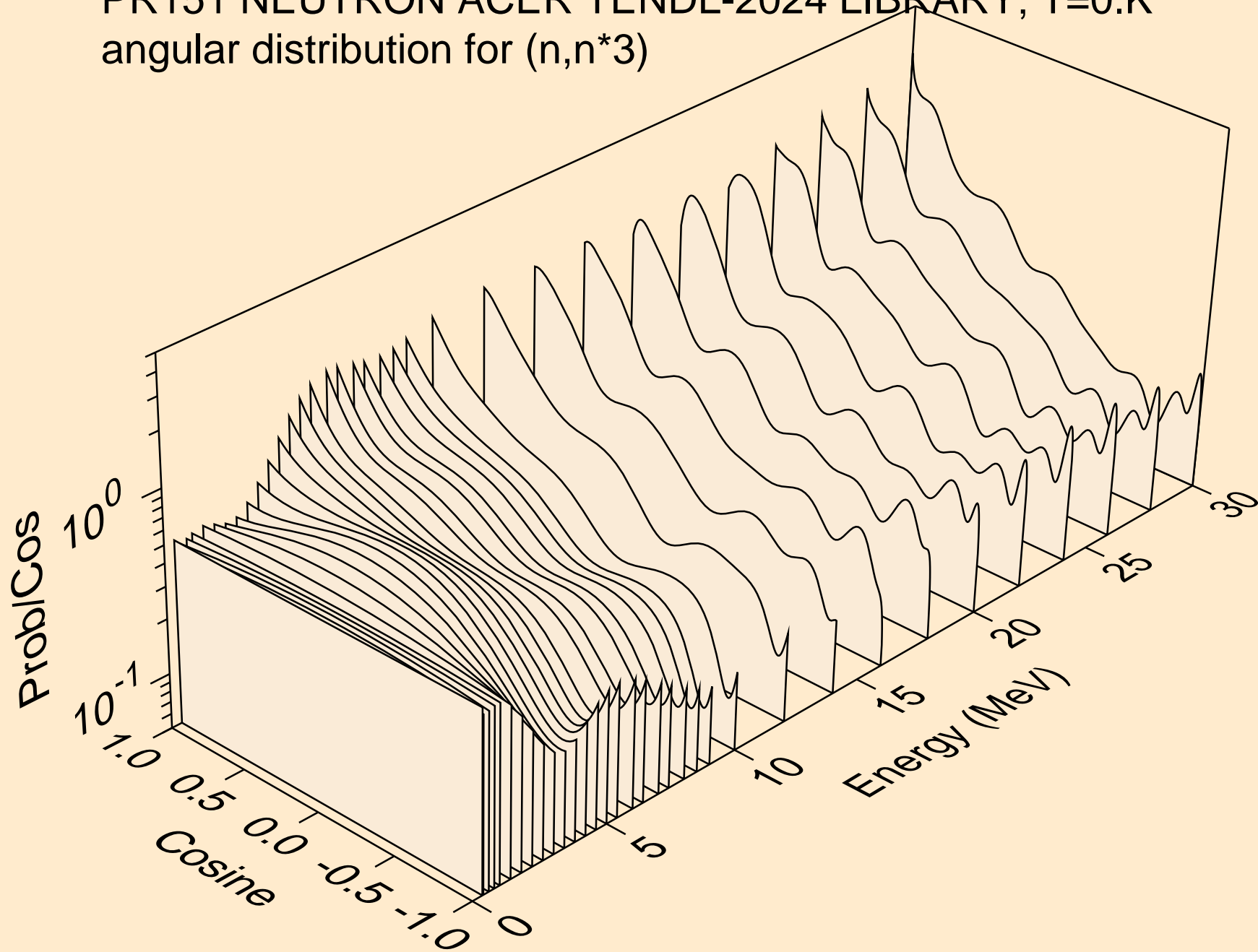
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angular distribution for (n,n\*1)



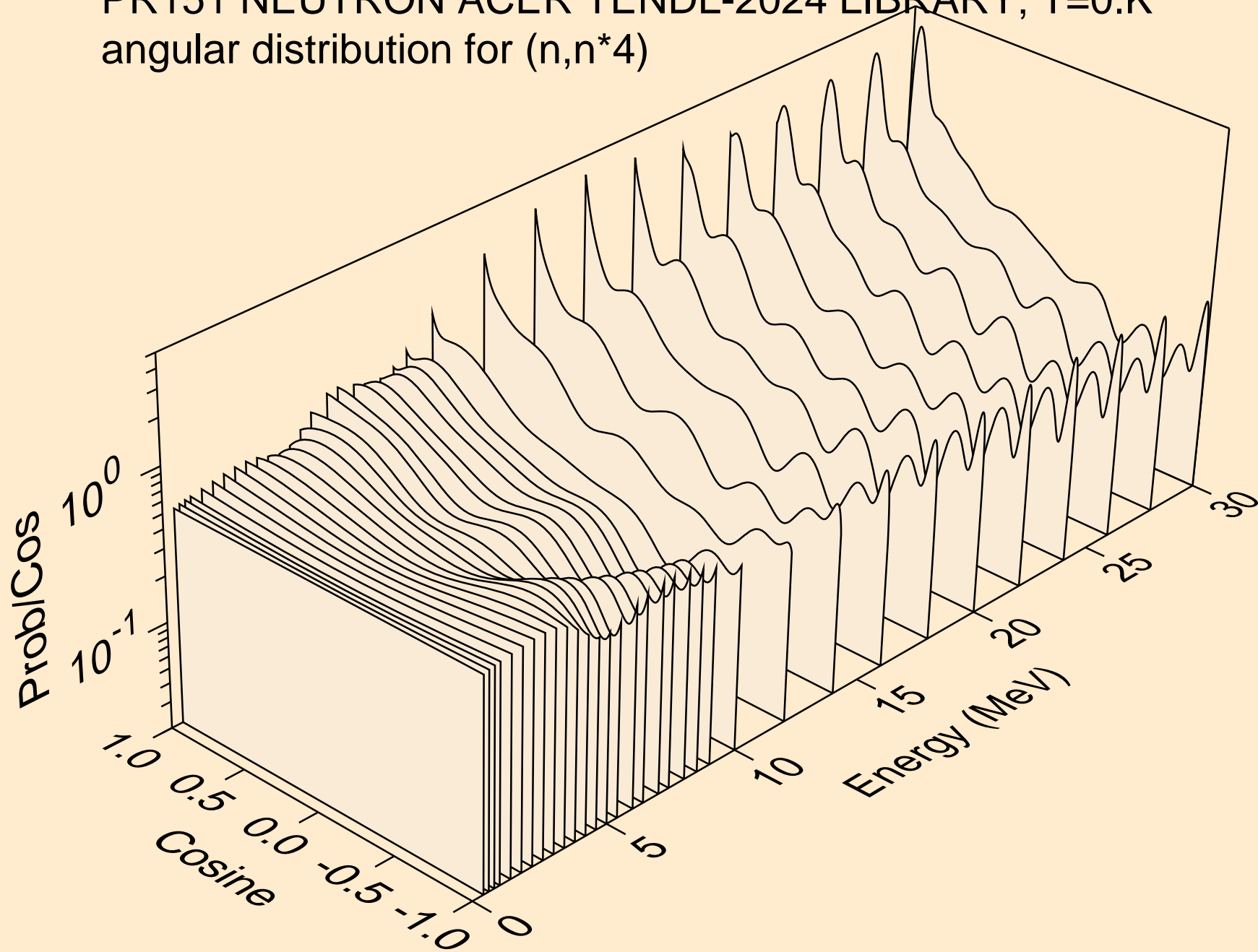
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

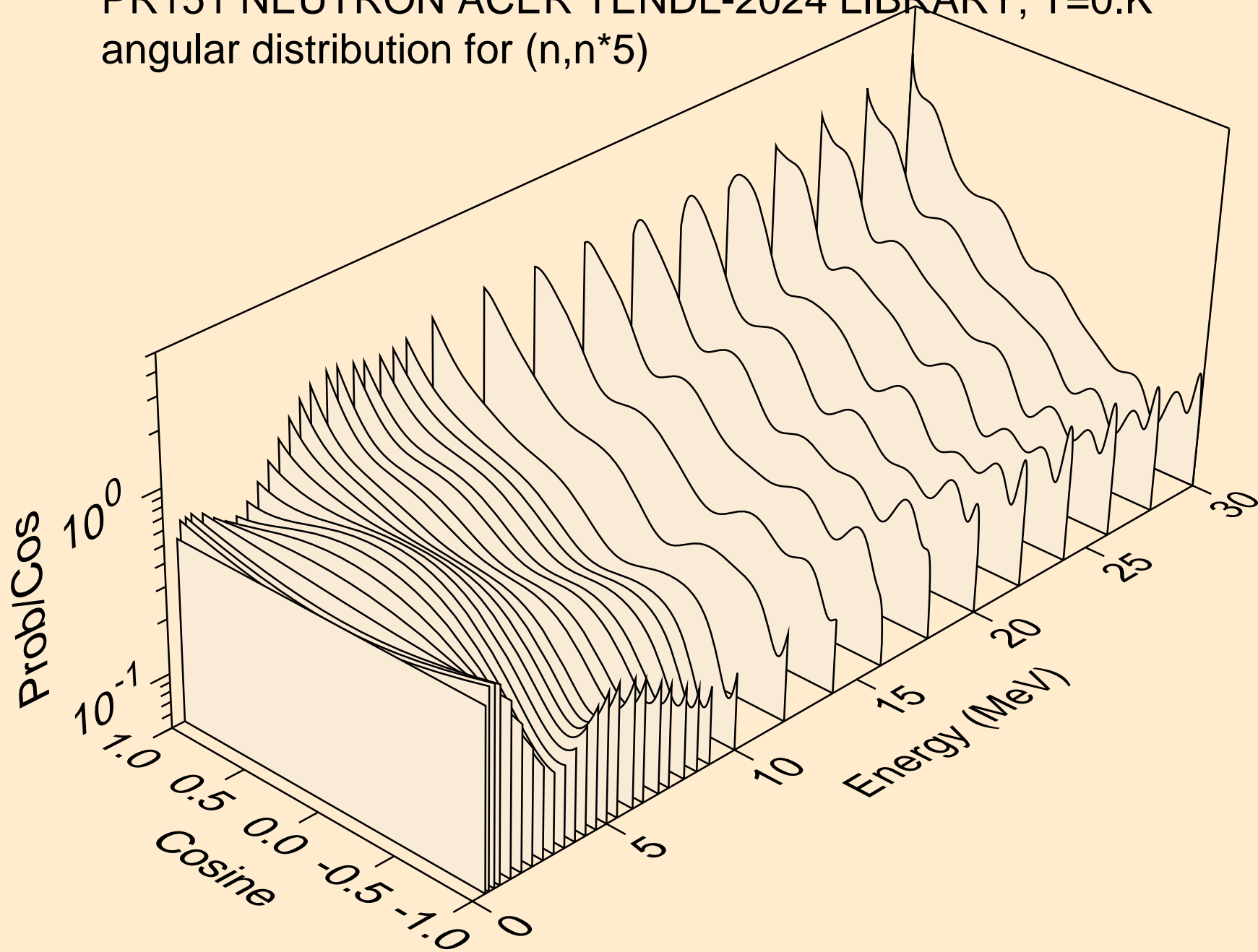


PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

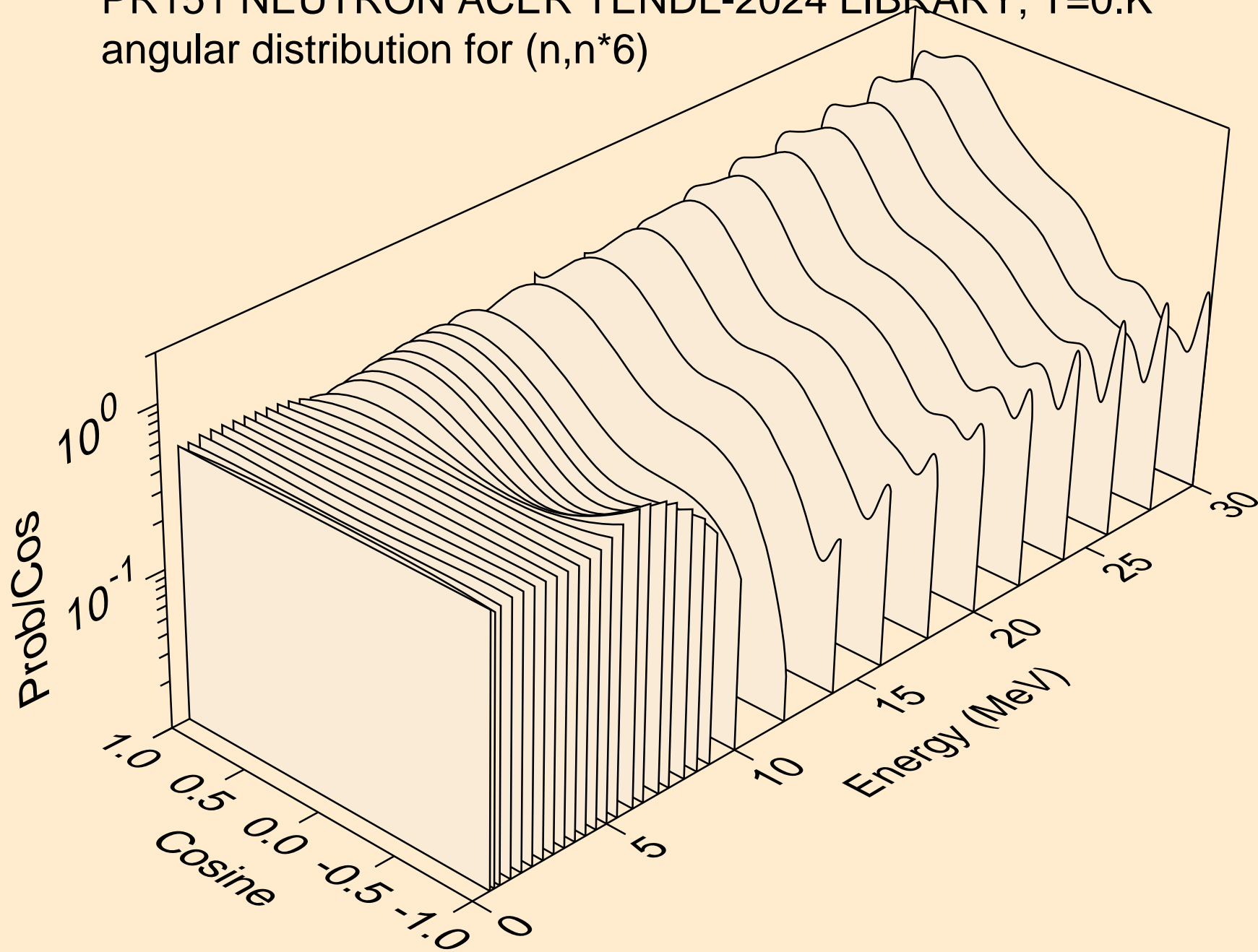




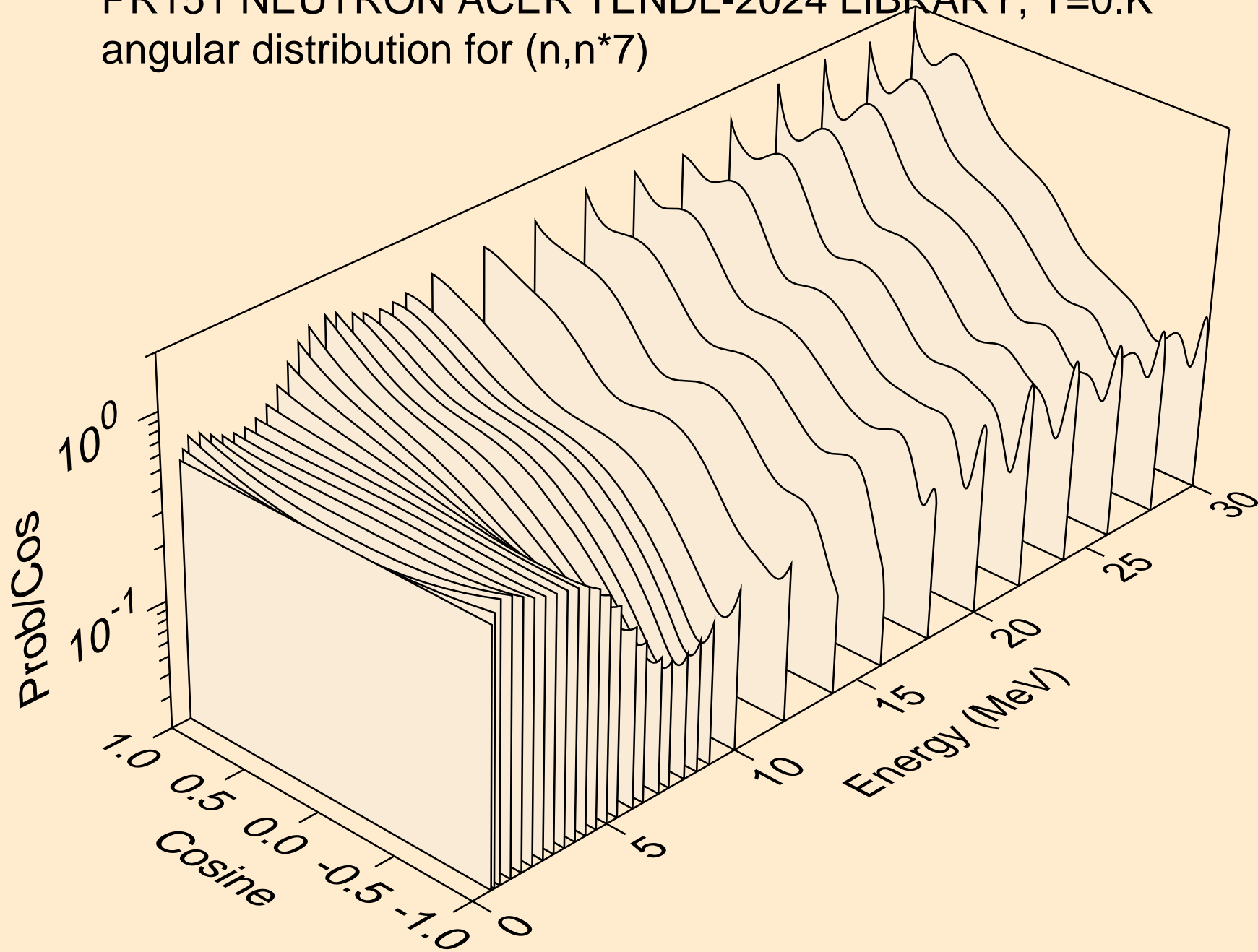
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angular distribution for (n,n\*5)



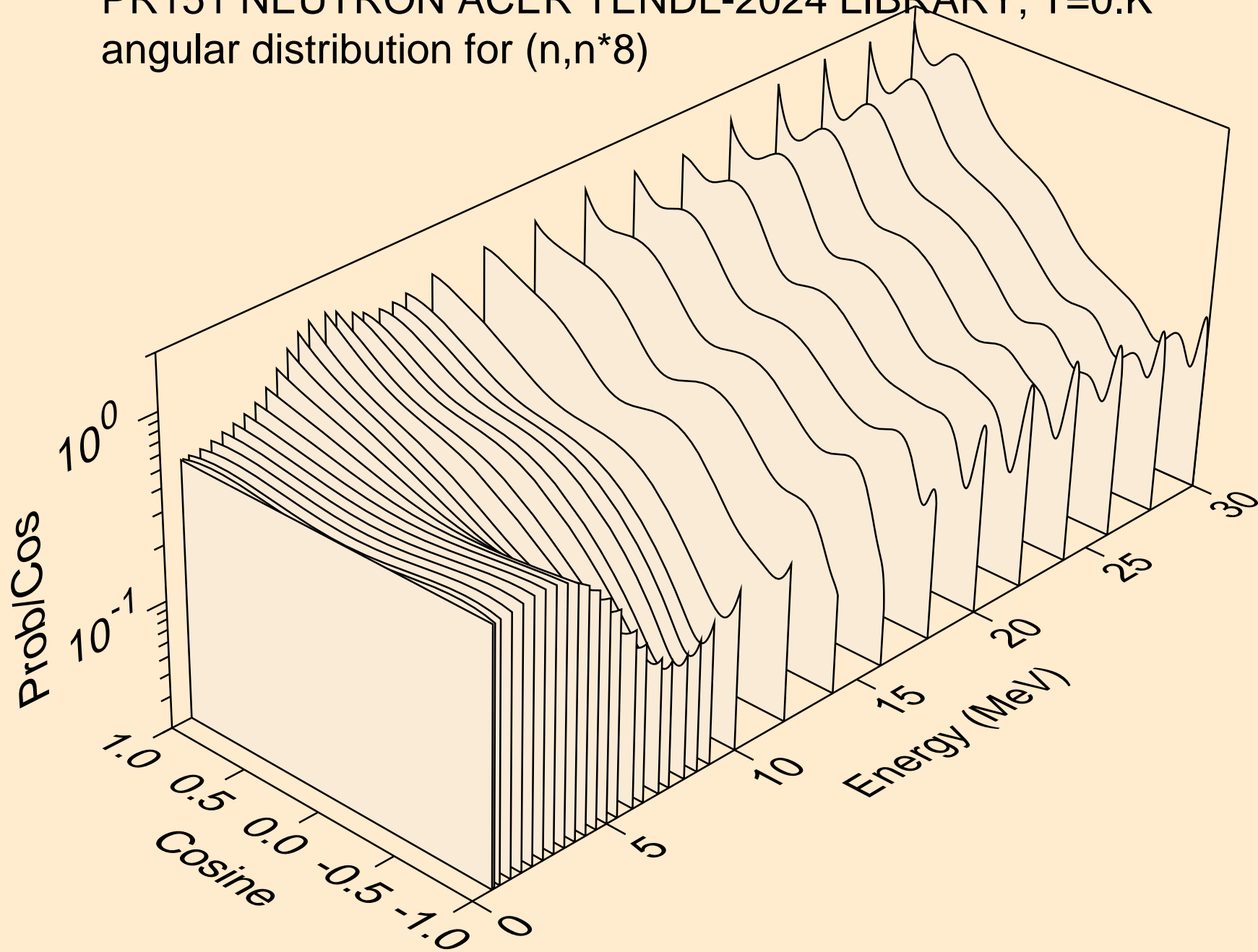
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angular distribution for (n,n\*6)



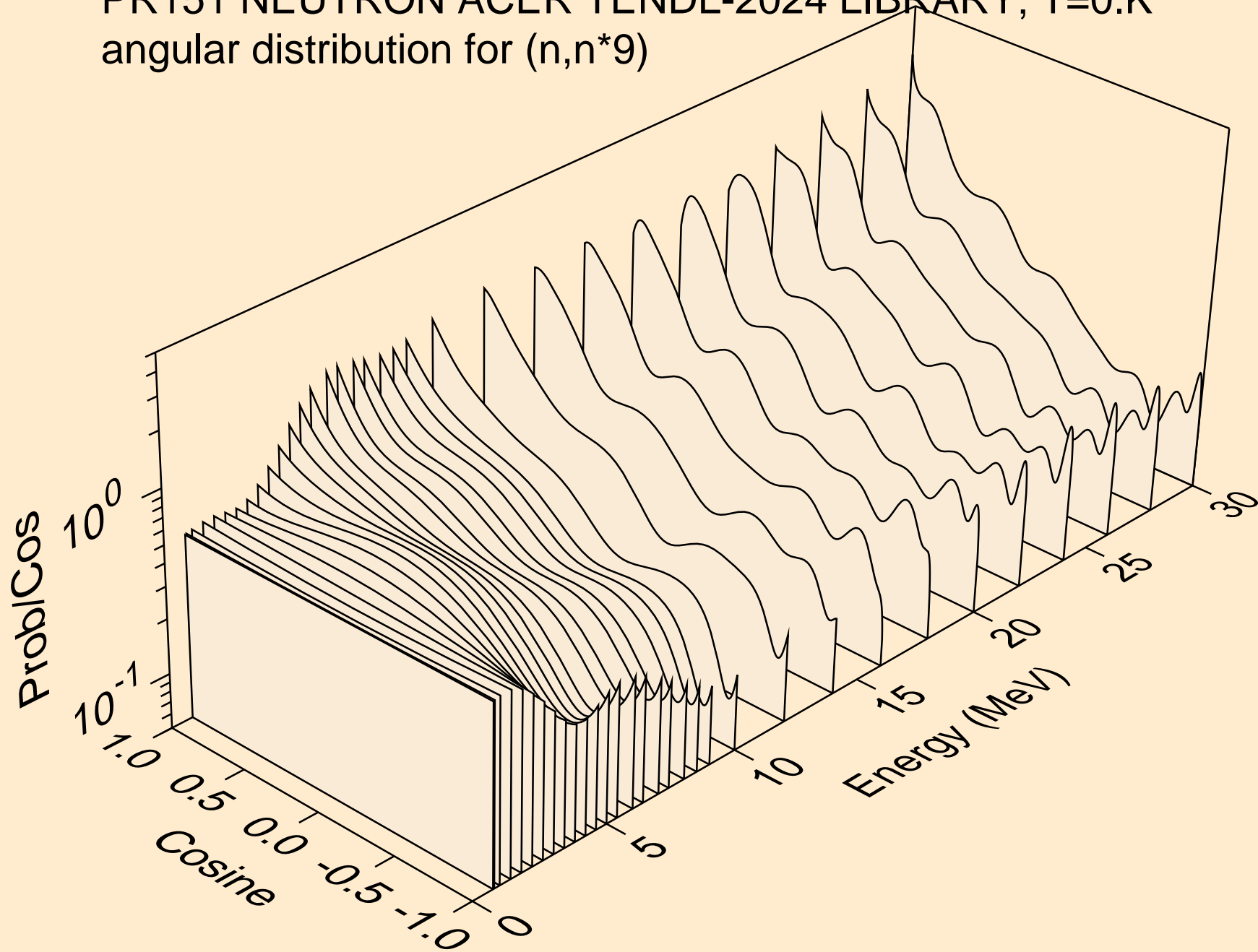
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angular distribution for (n,n\*7)



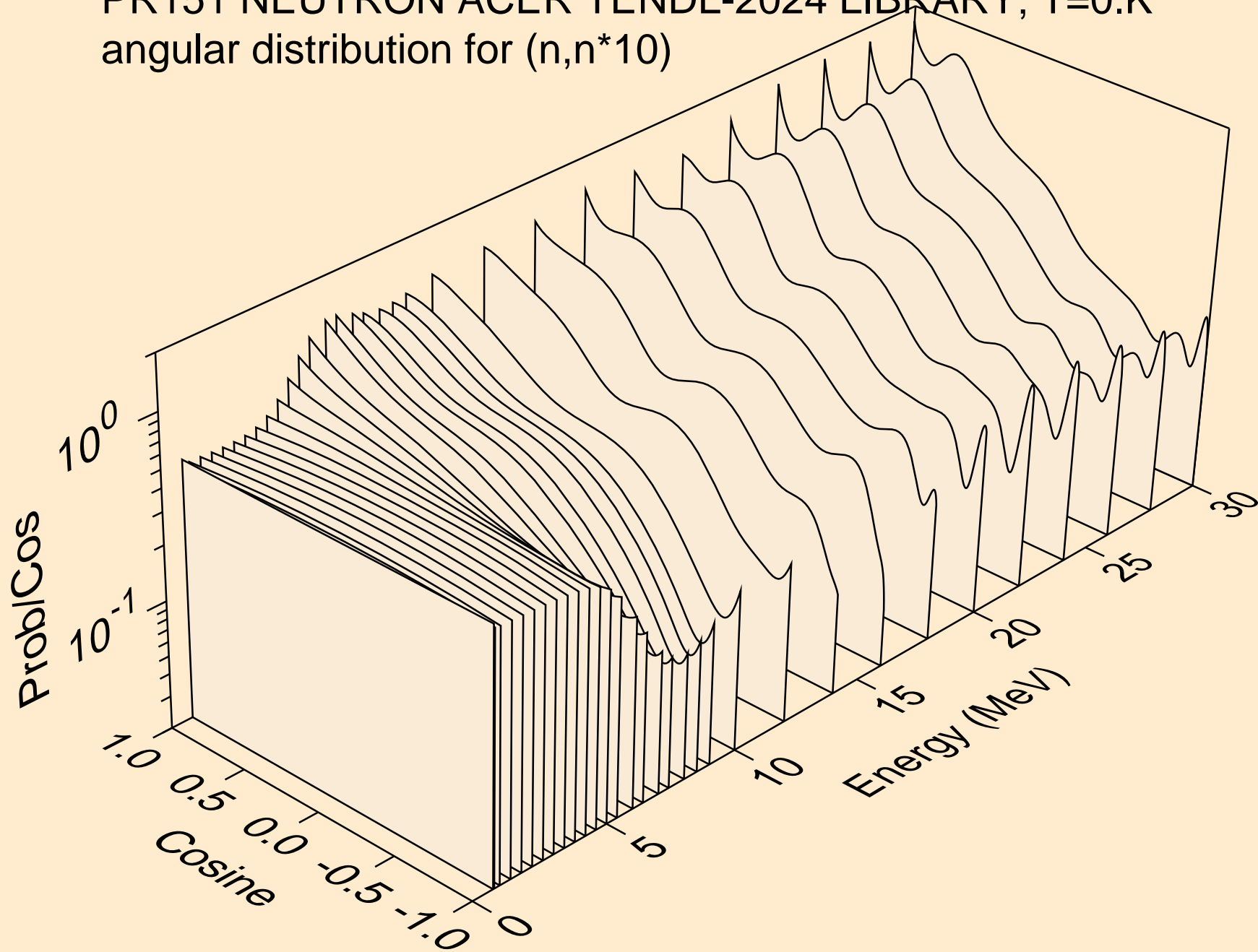
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angular distribution for (n,n\*8)



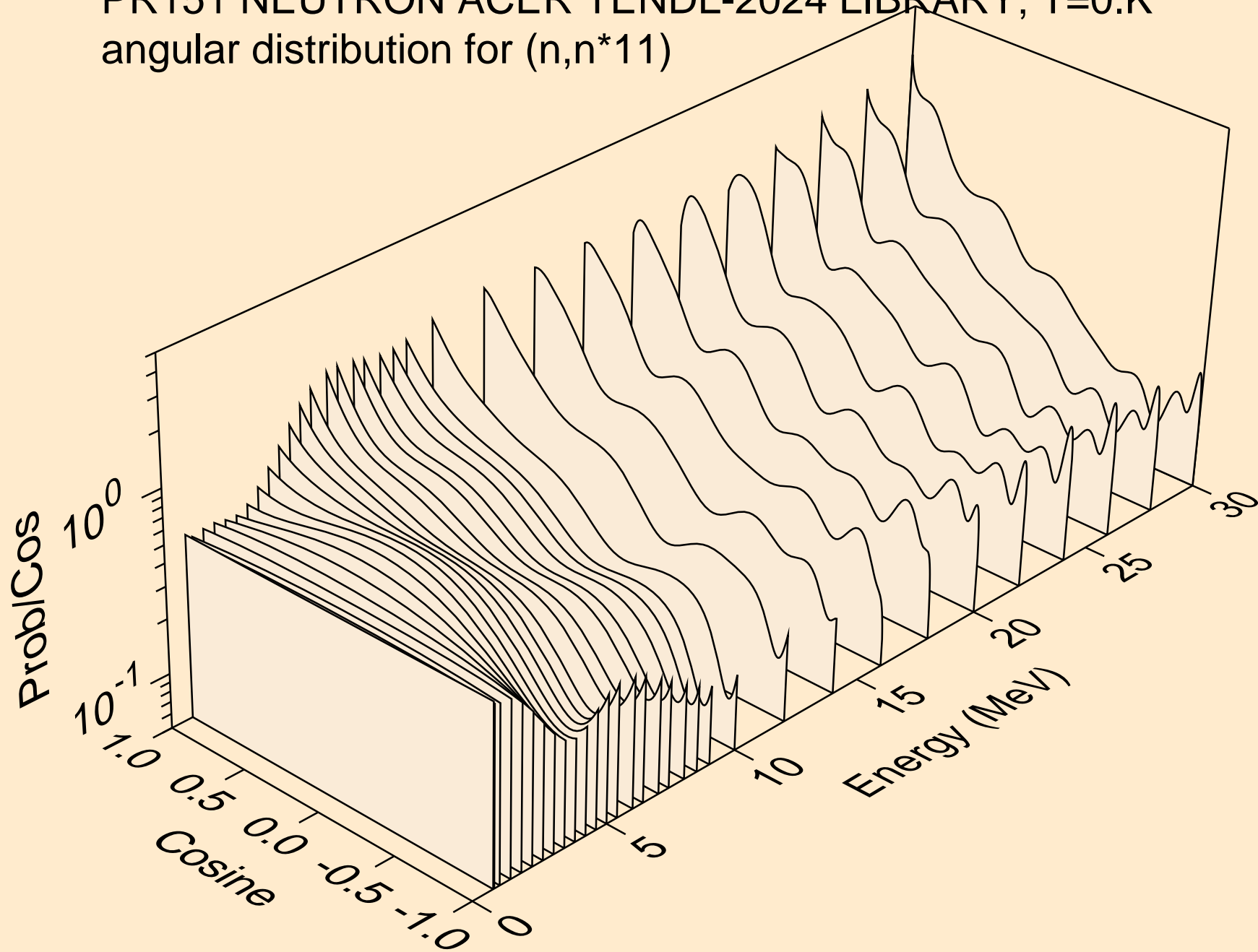
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angular distribution for (n,n\*9)



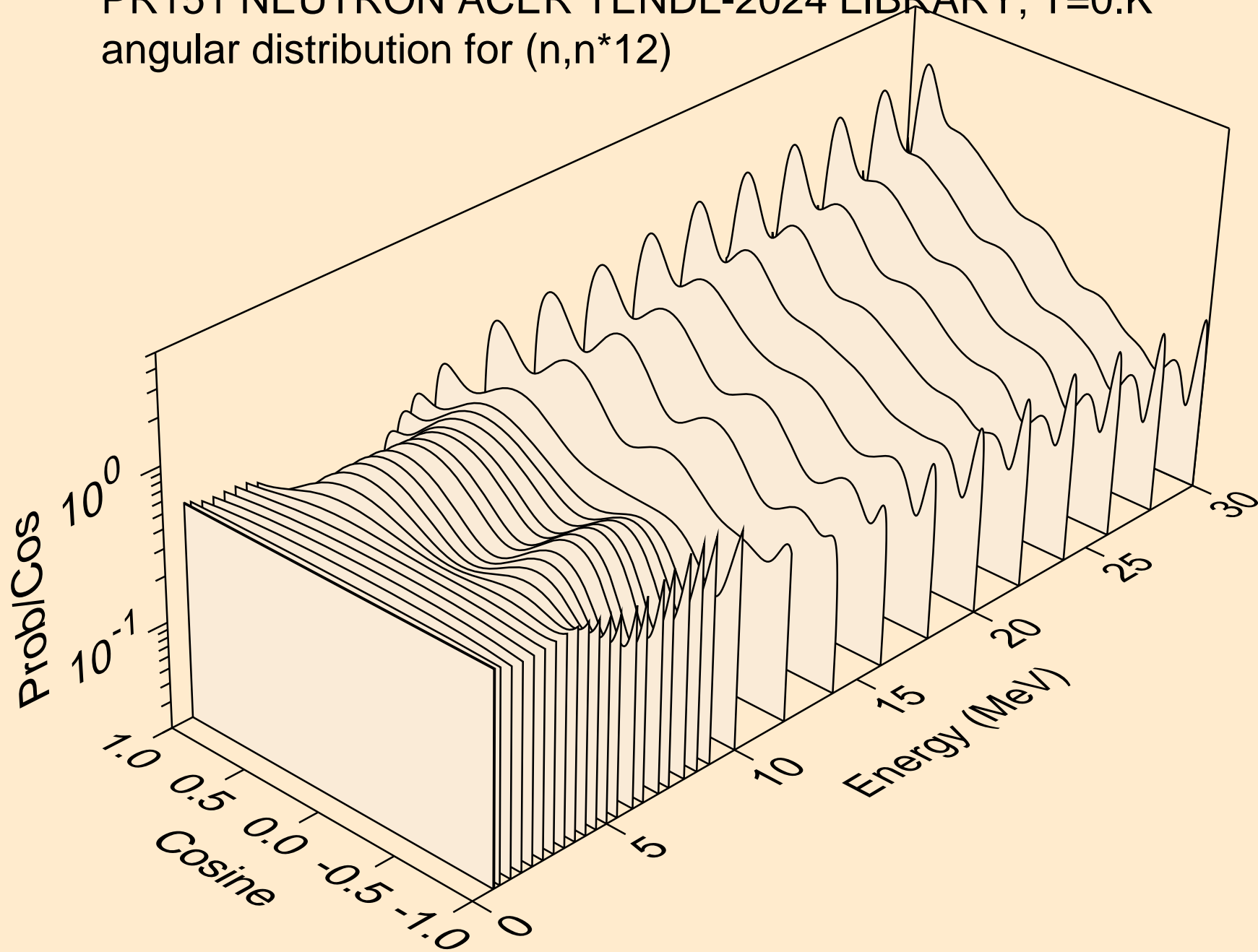
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

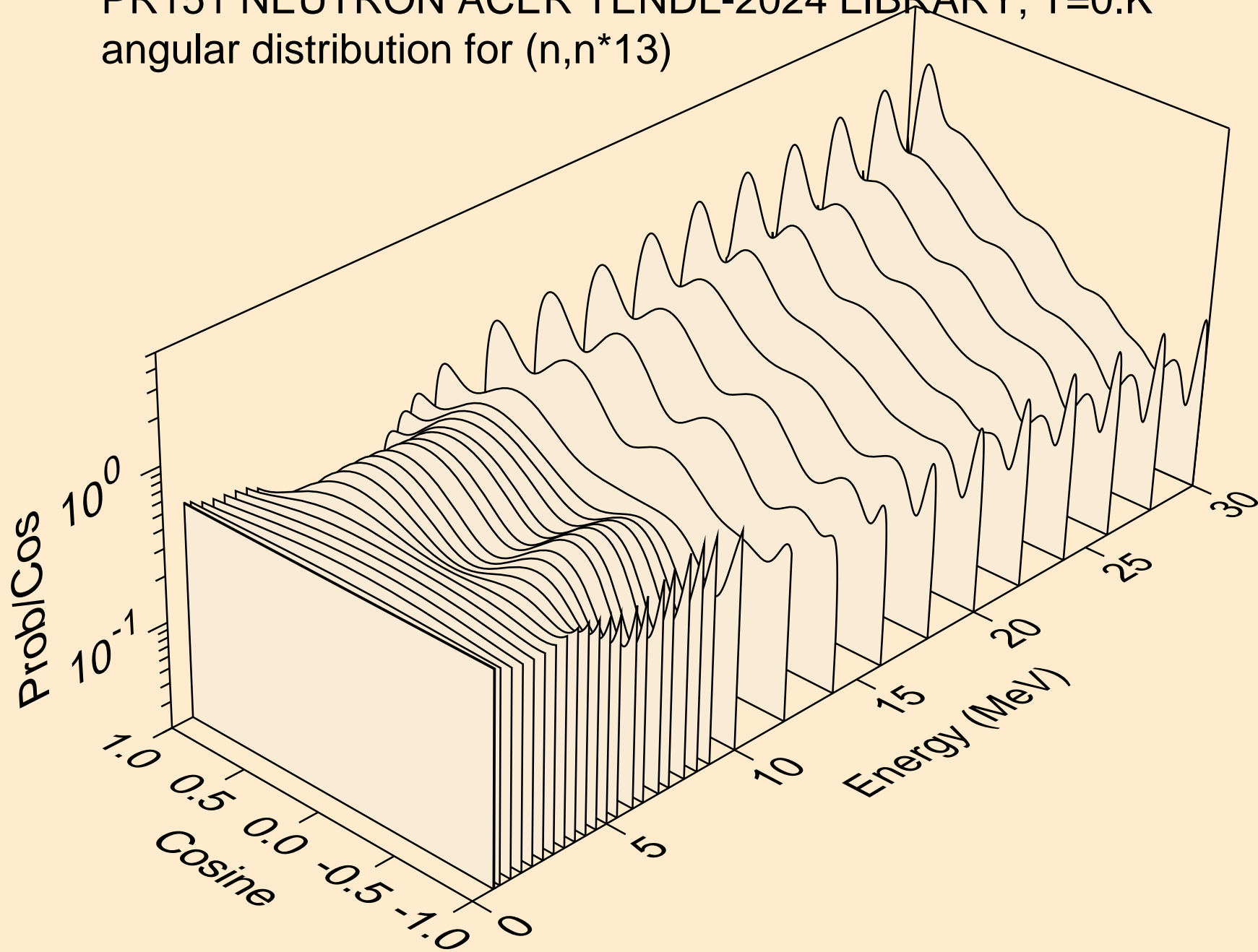


PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

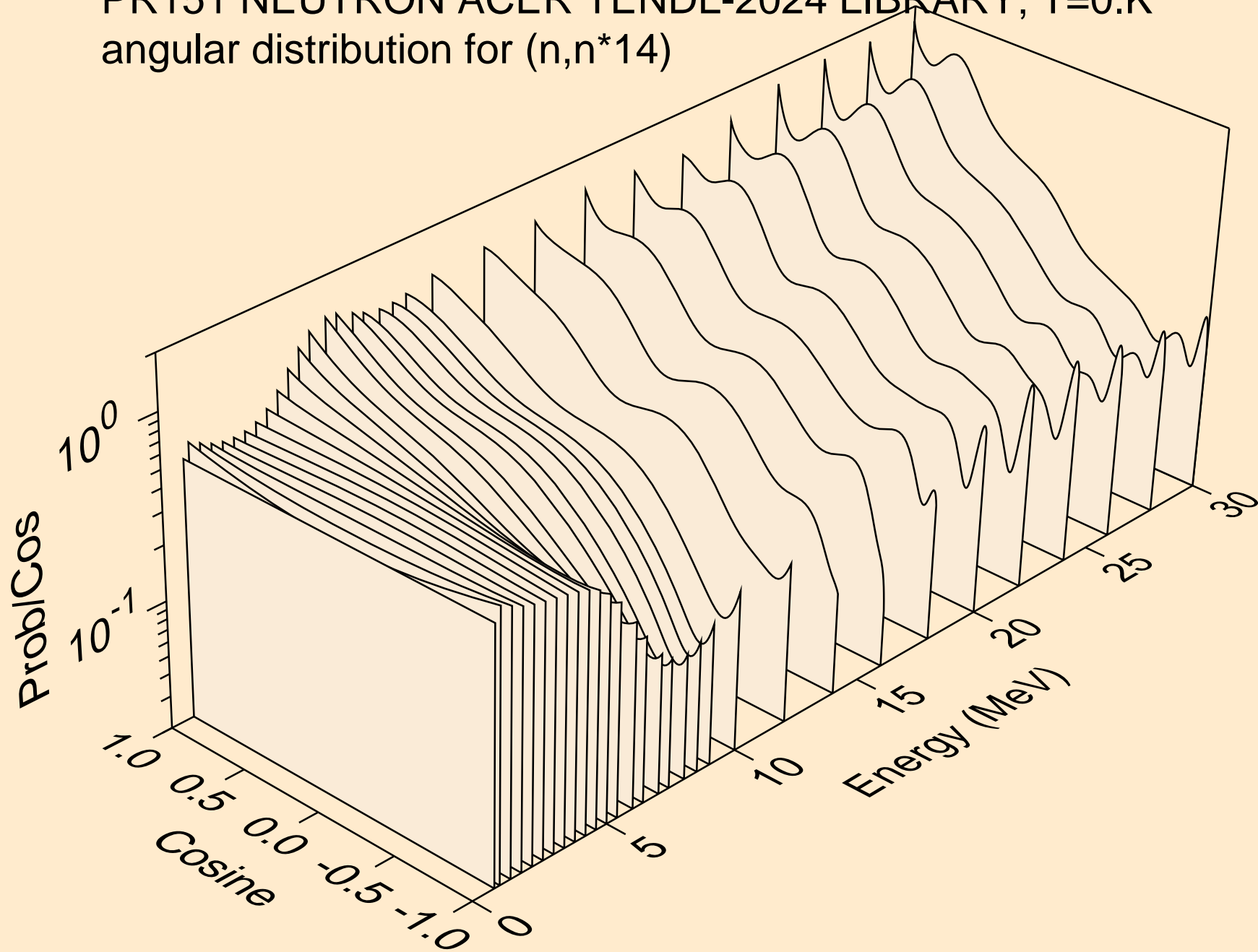




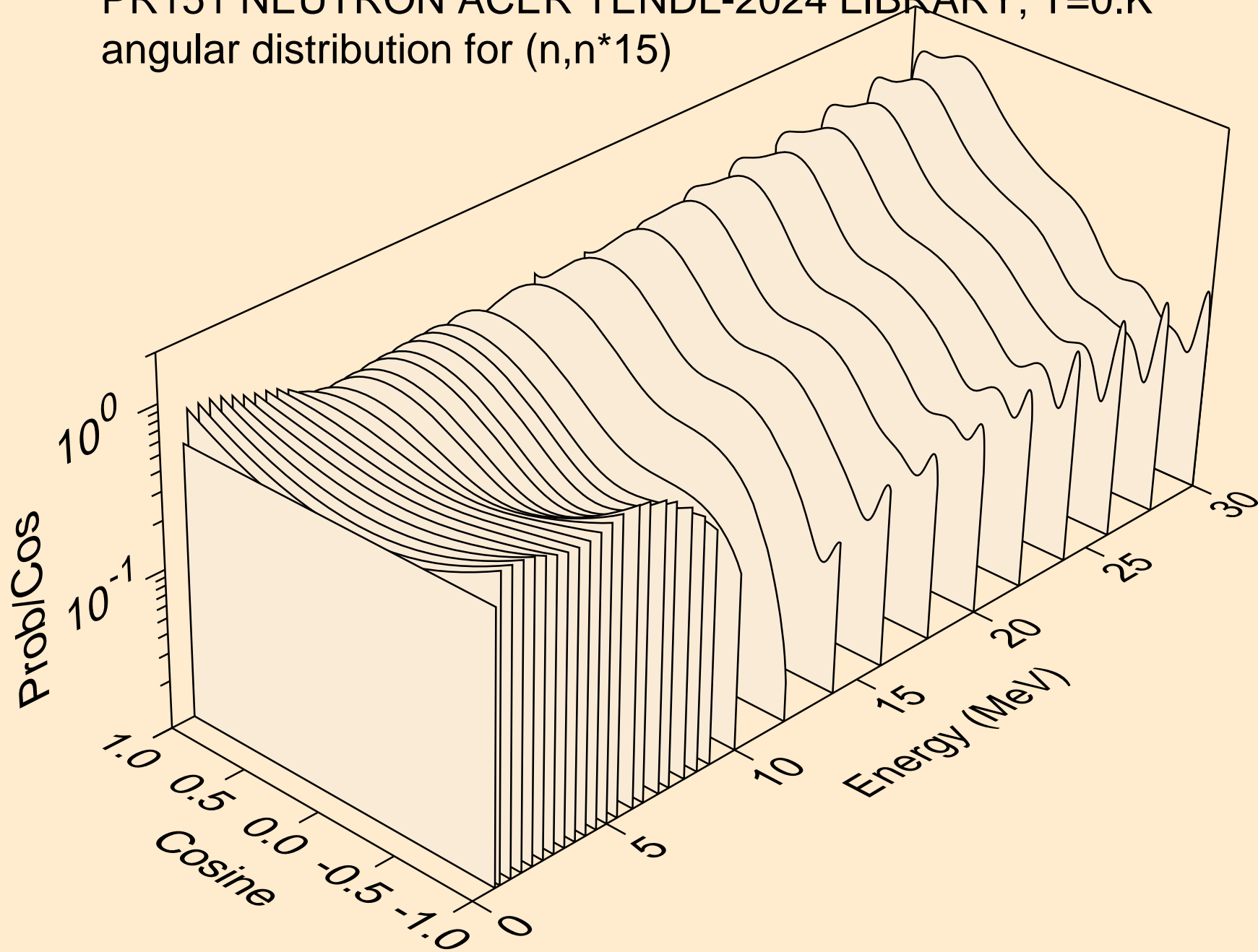
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angular distribution for (n,n\*13)



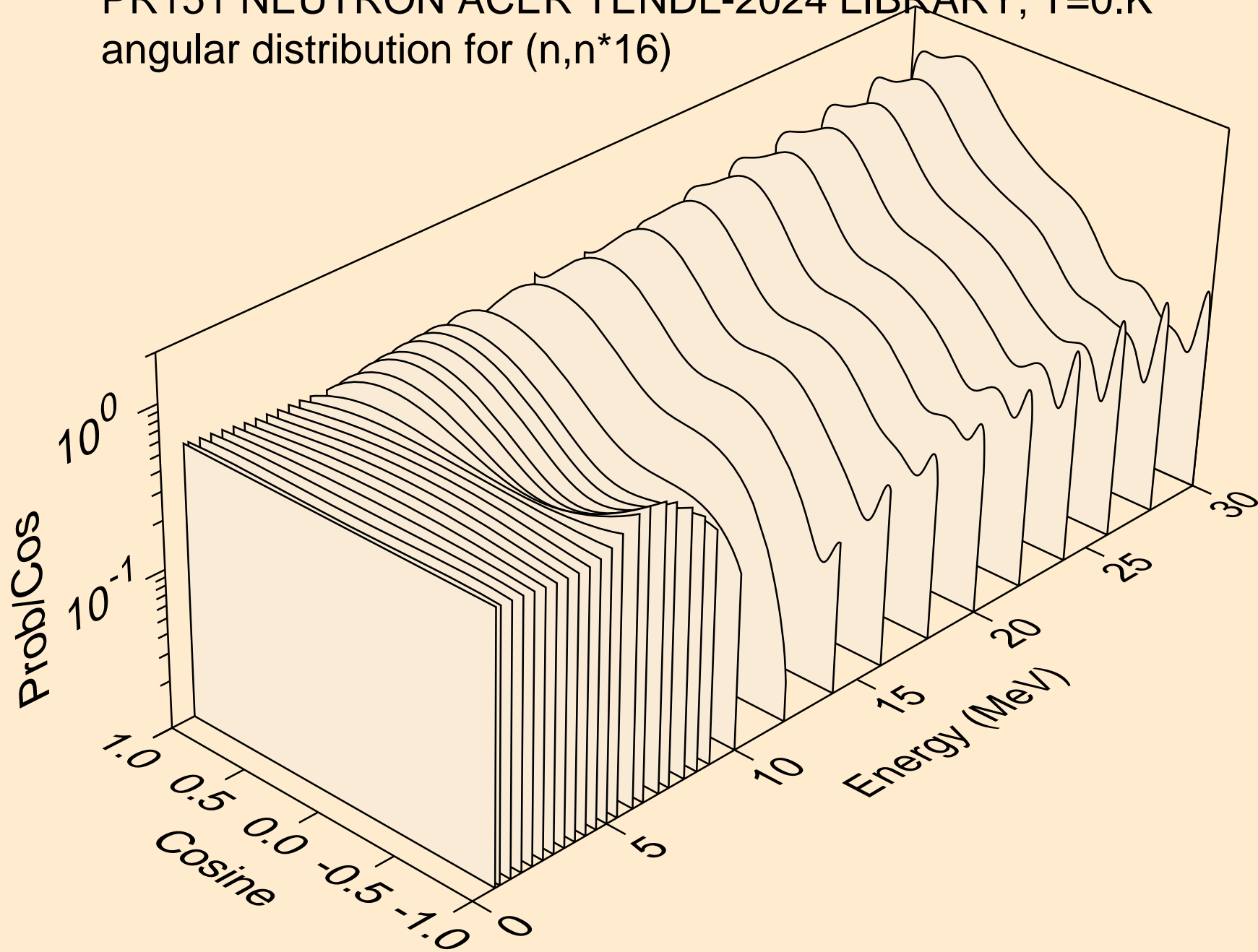
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angular distribution for (n,n\*14)



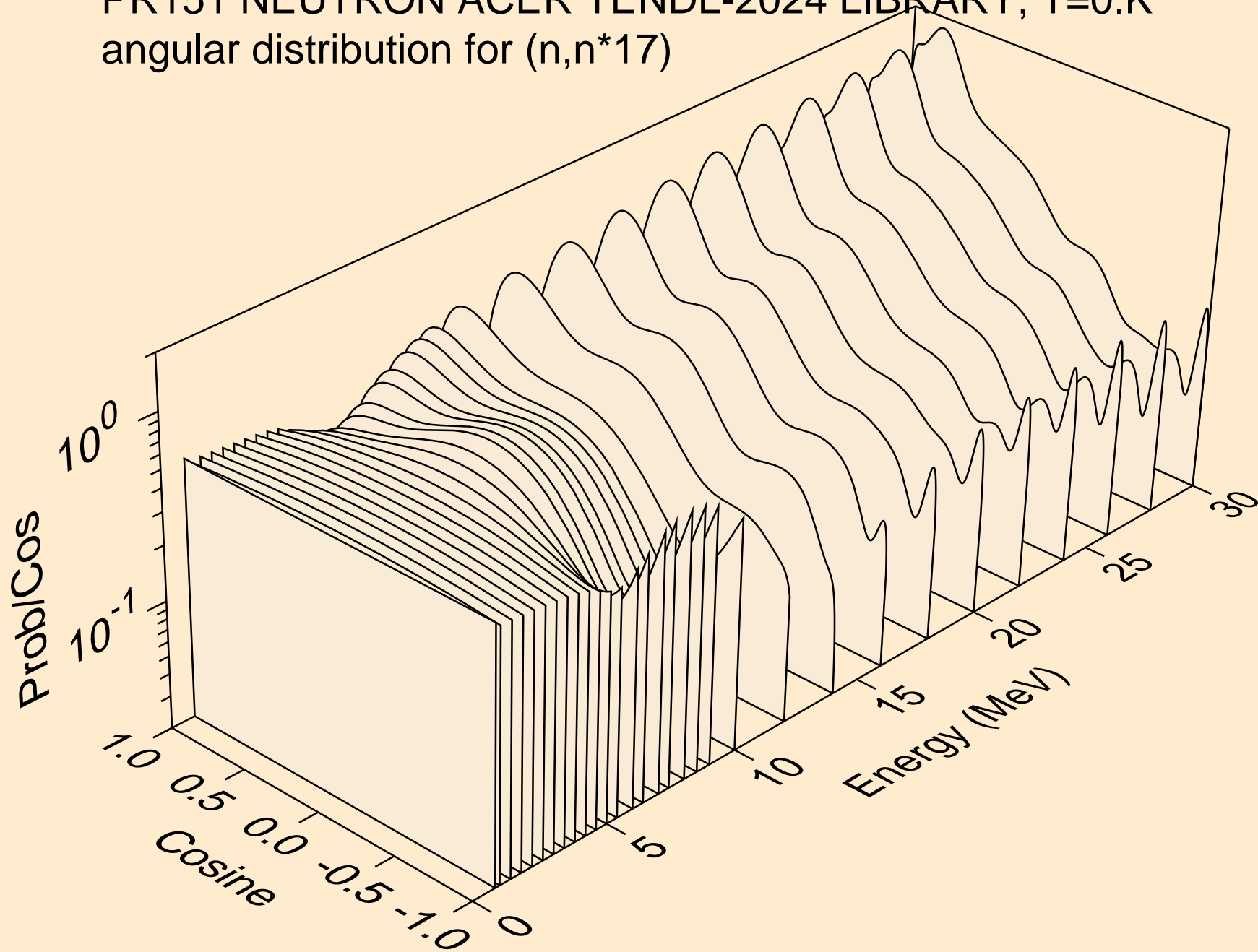
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angular distribution for (n,n\*15)



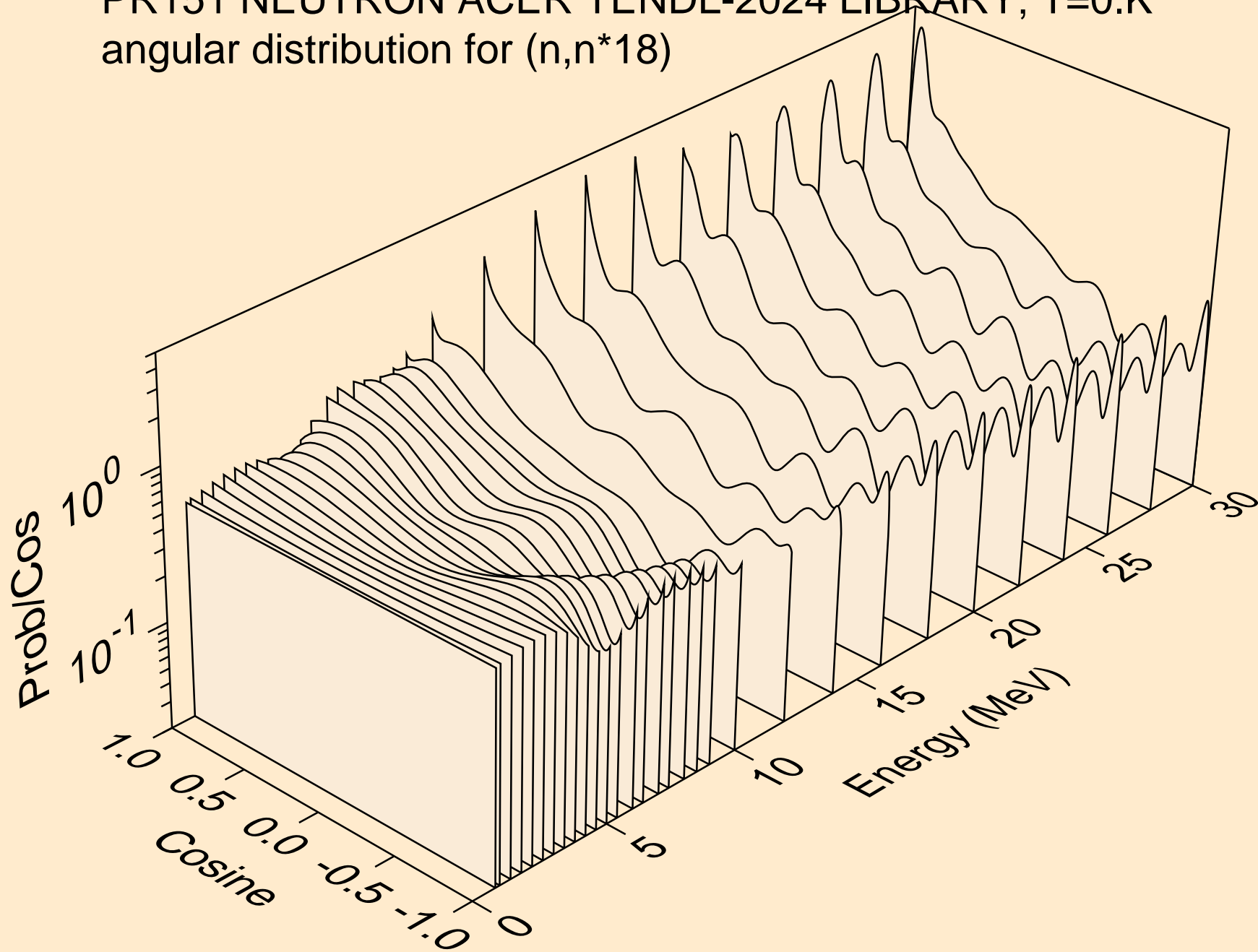
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angular distribution for (n,n\*16)



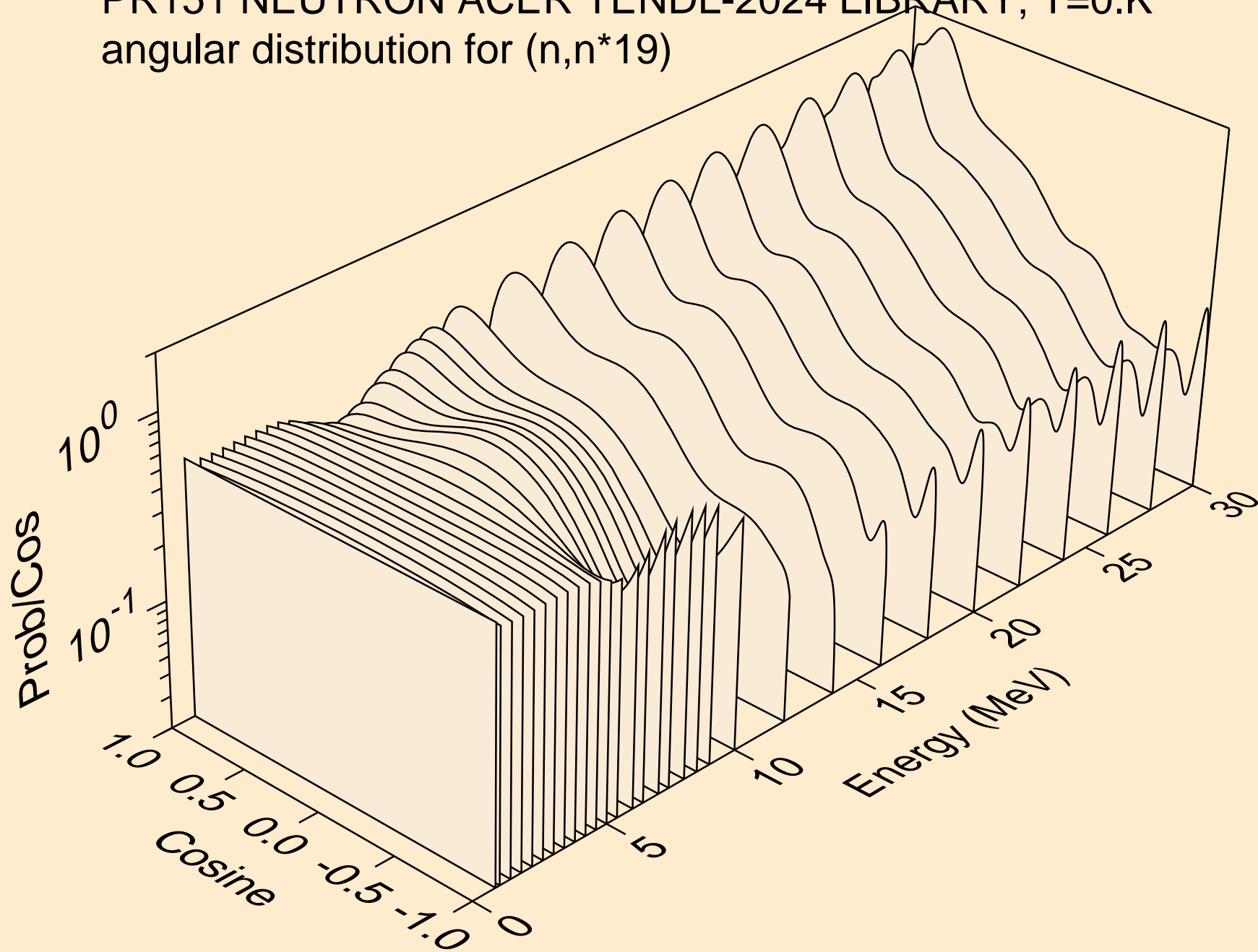
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angular distribution for (n,n\*17)



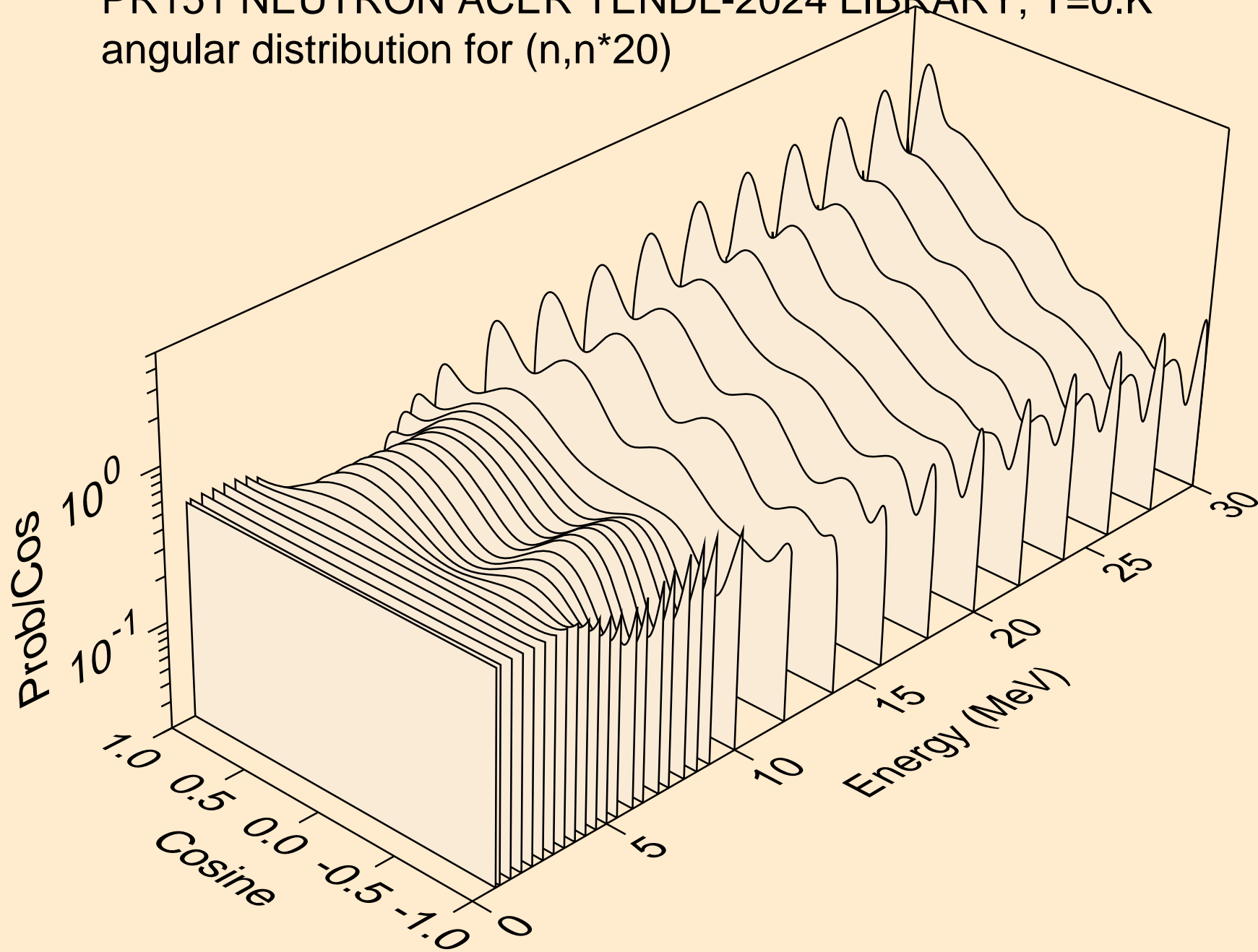
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

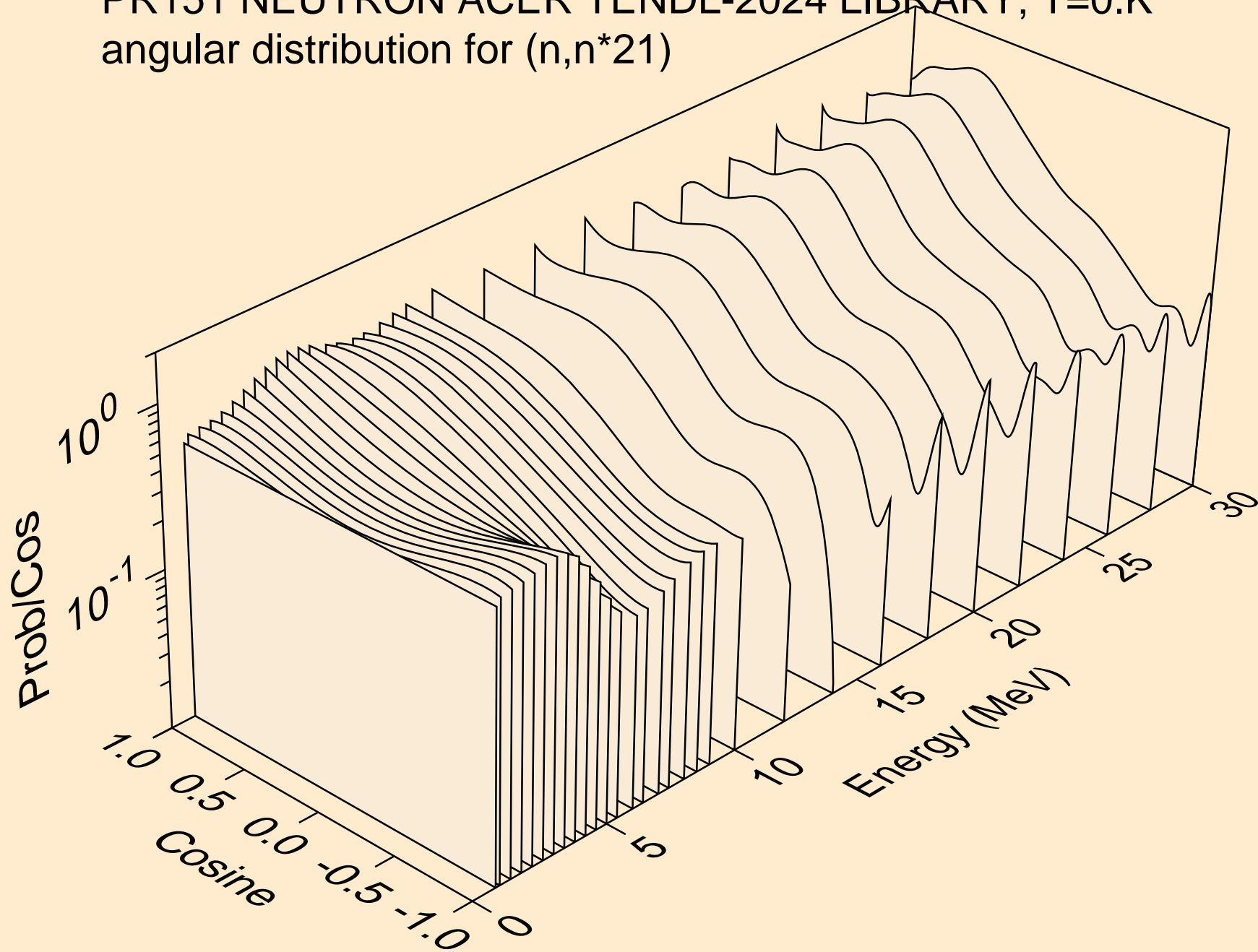


PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

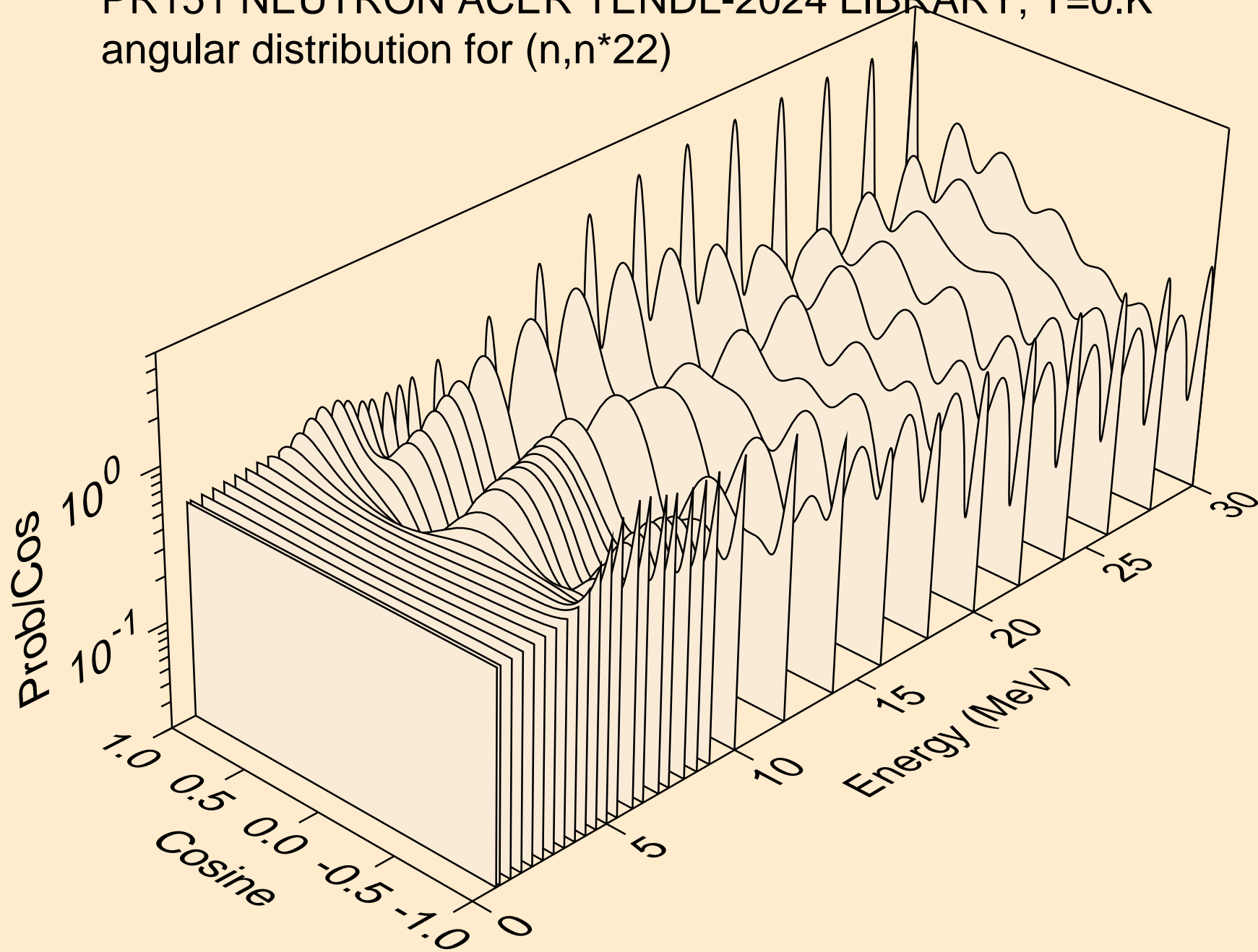




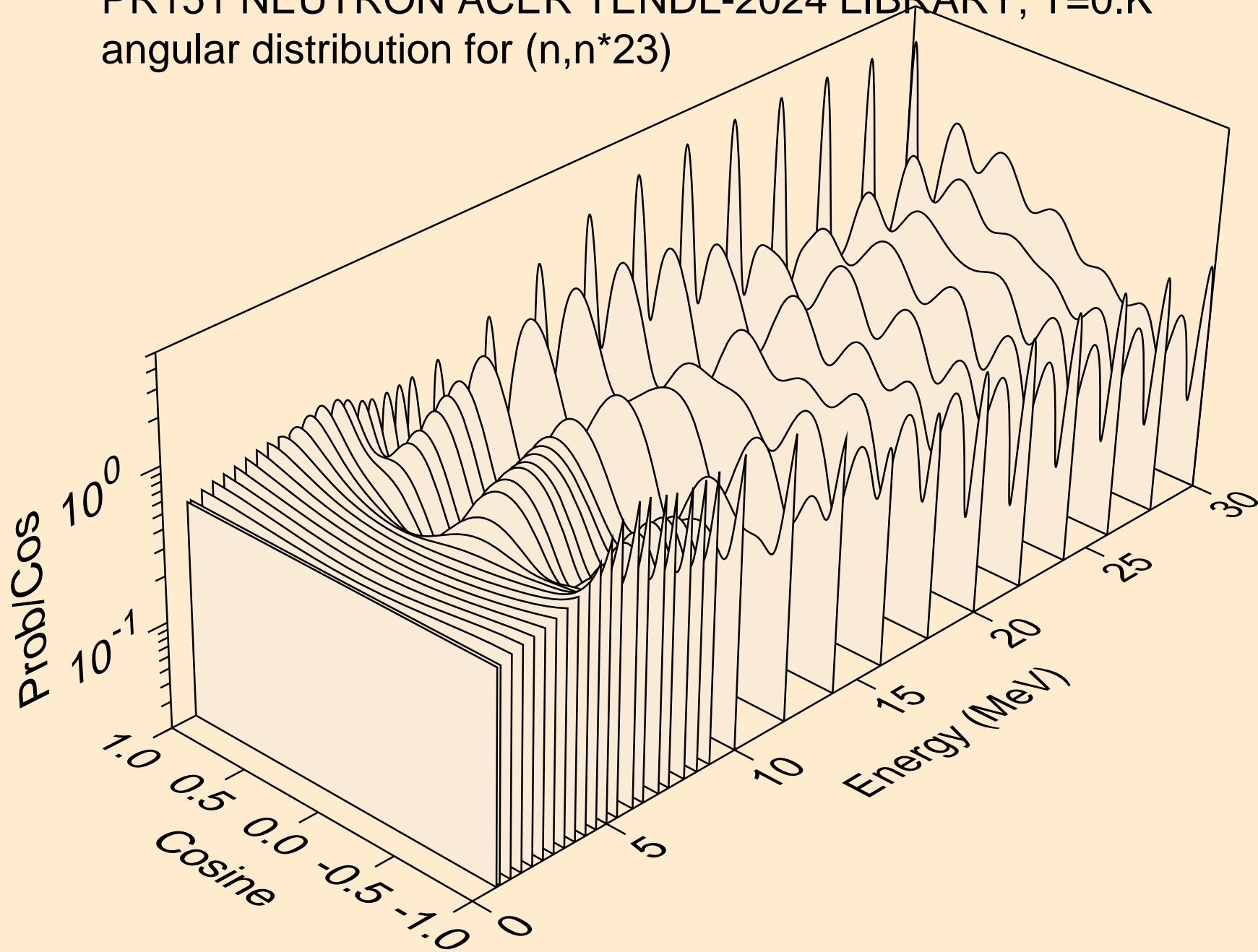
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angular distribution for (n,n\*21)



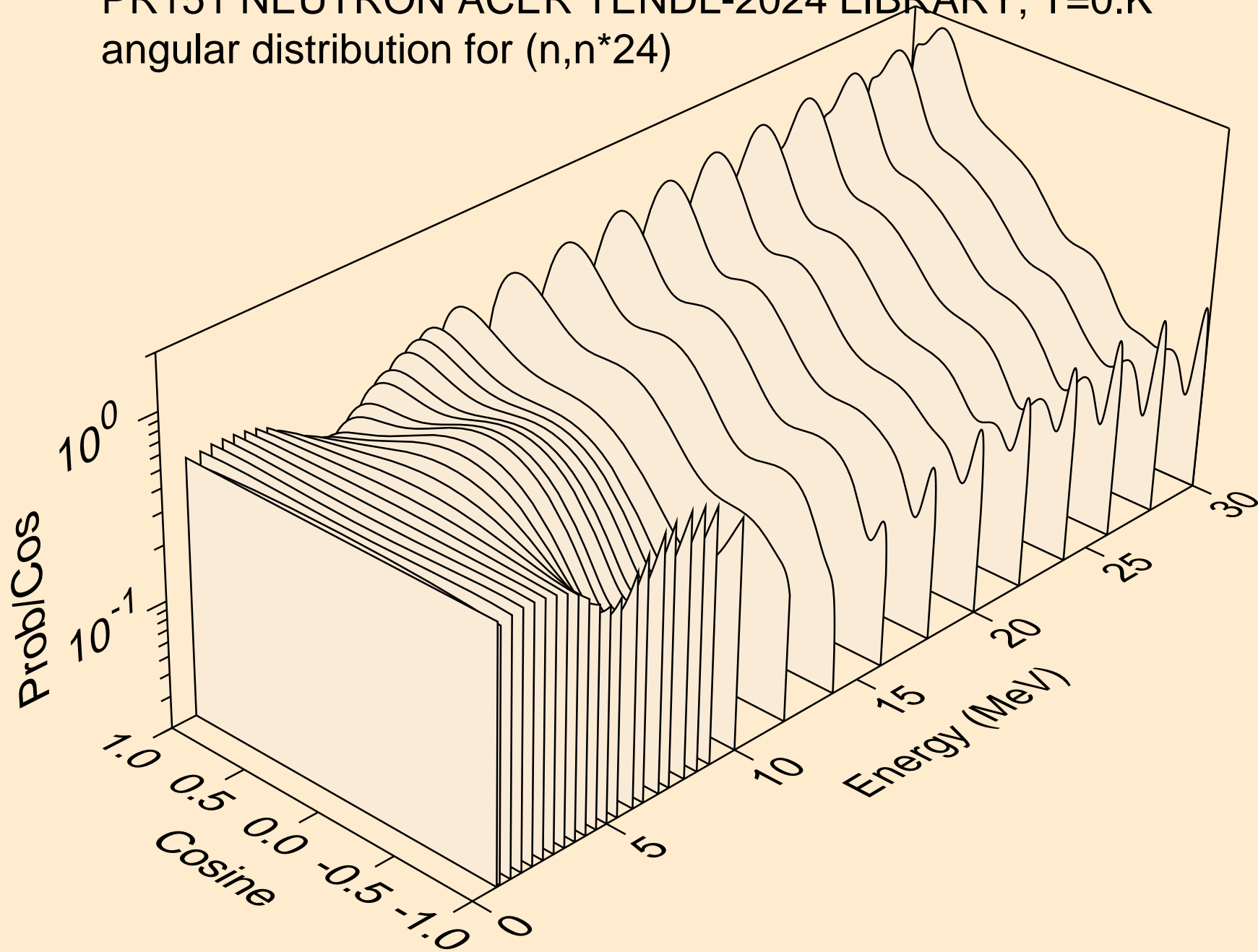
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angular distribution for (n,n\*22)



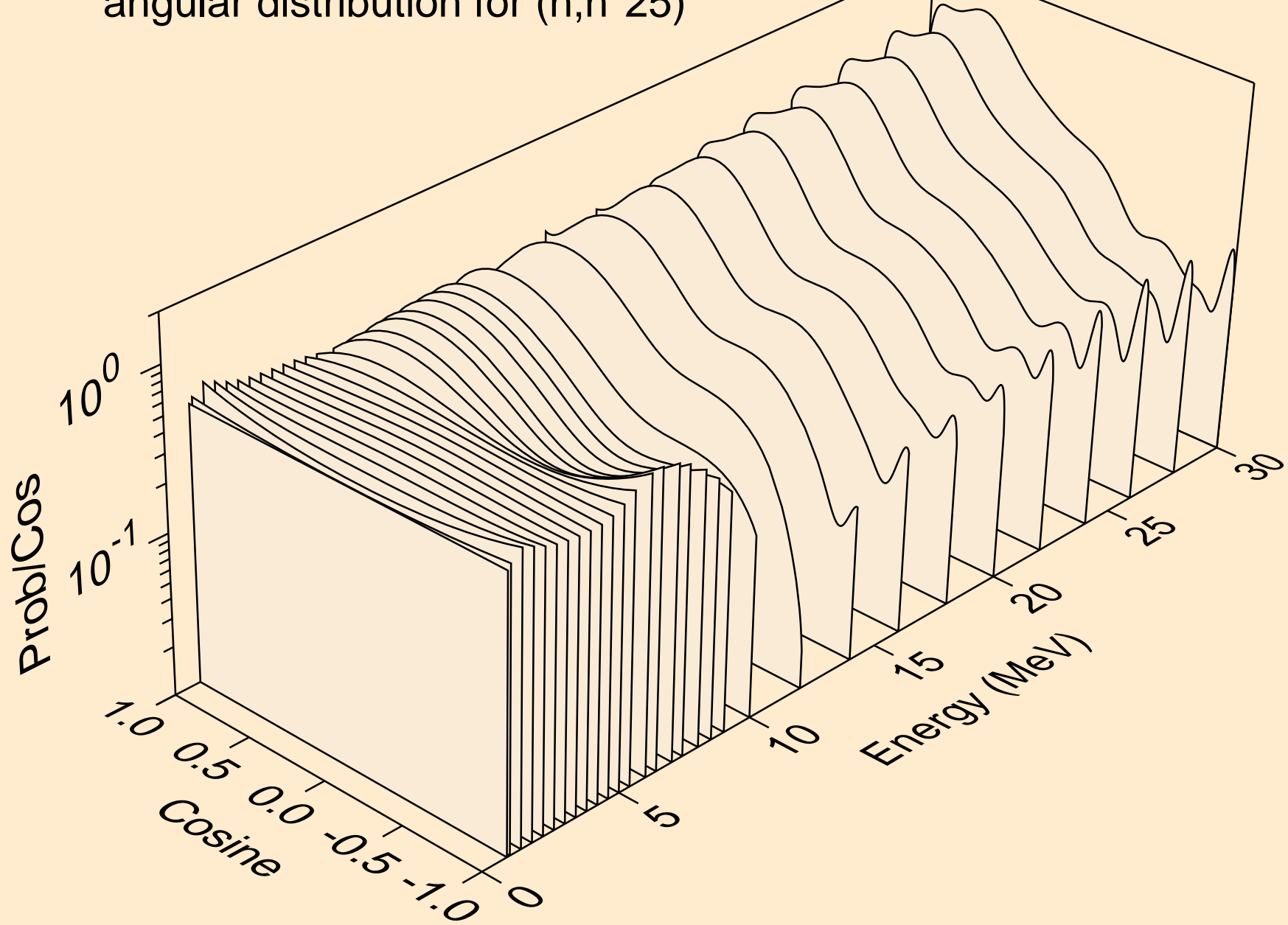
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angular distribution for (n,n\*23)



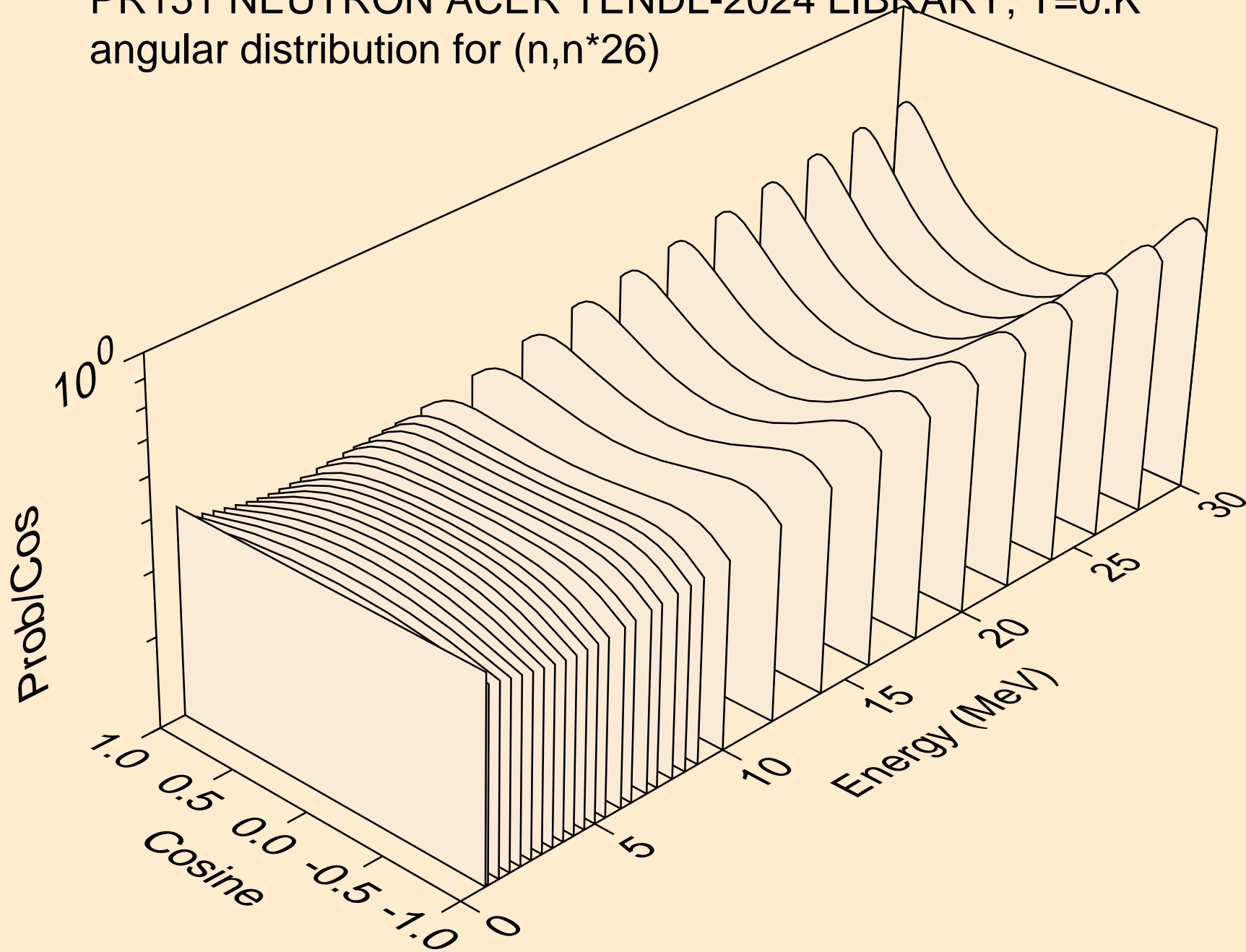
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angular distribution for (n,n\*24)



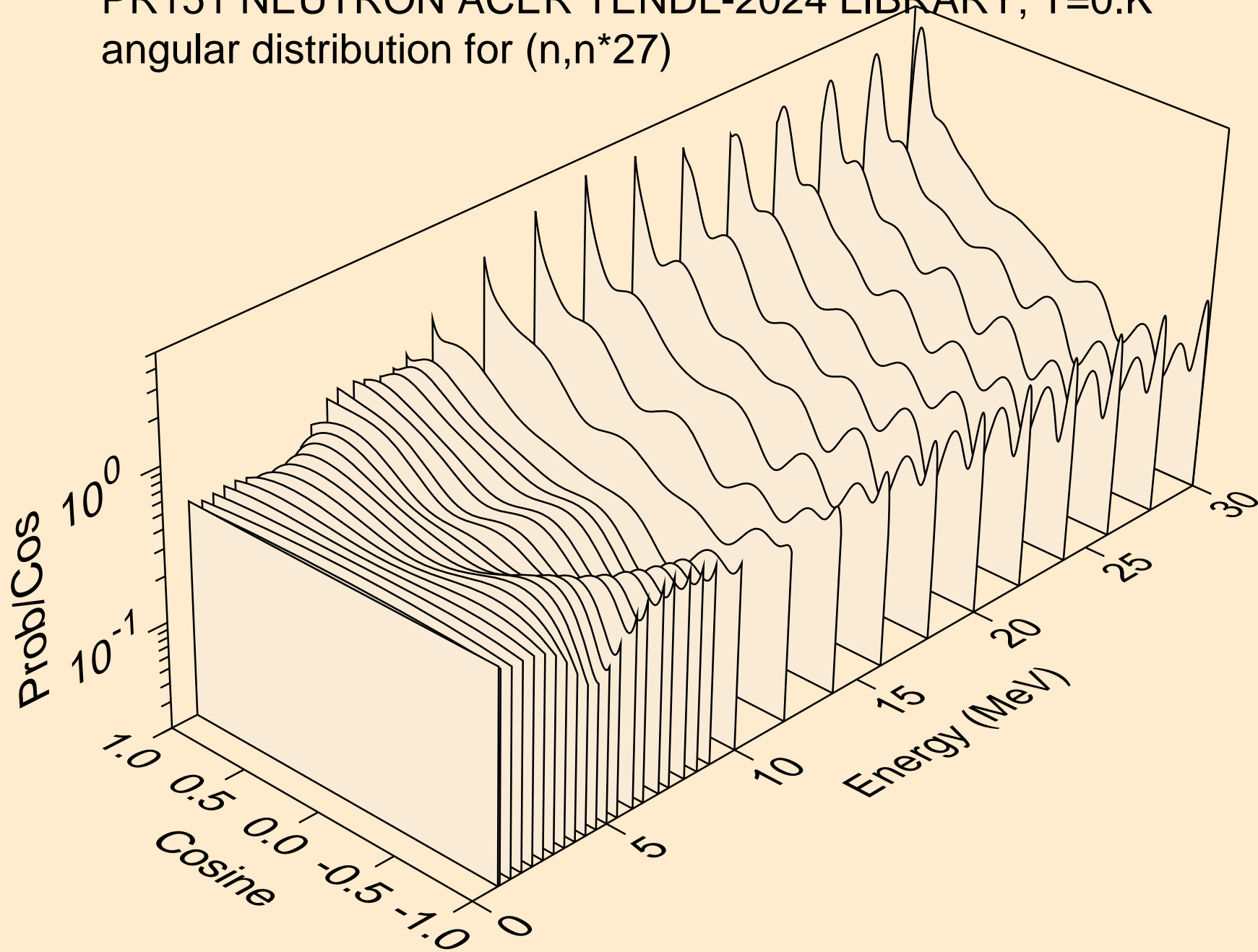
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



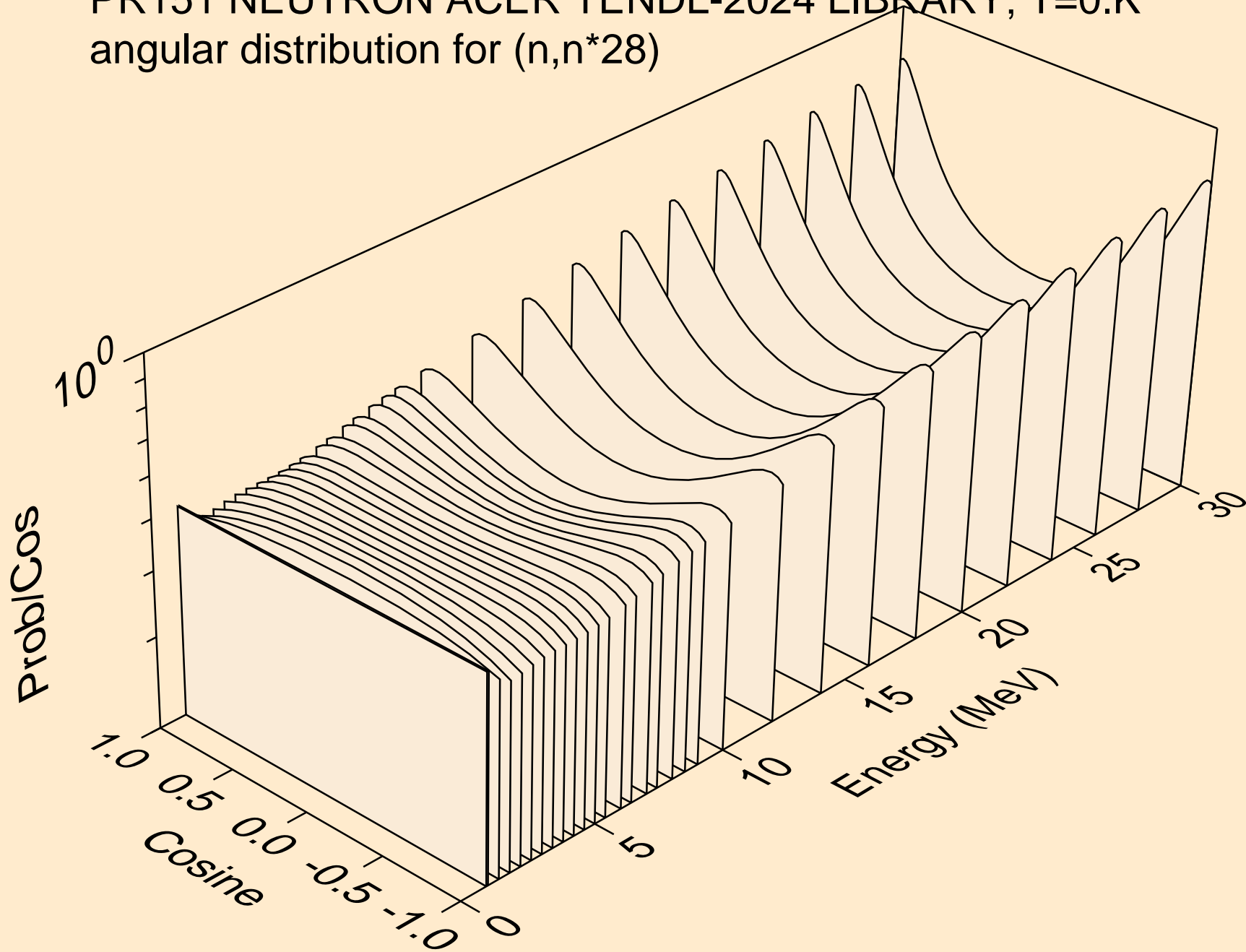
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

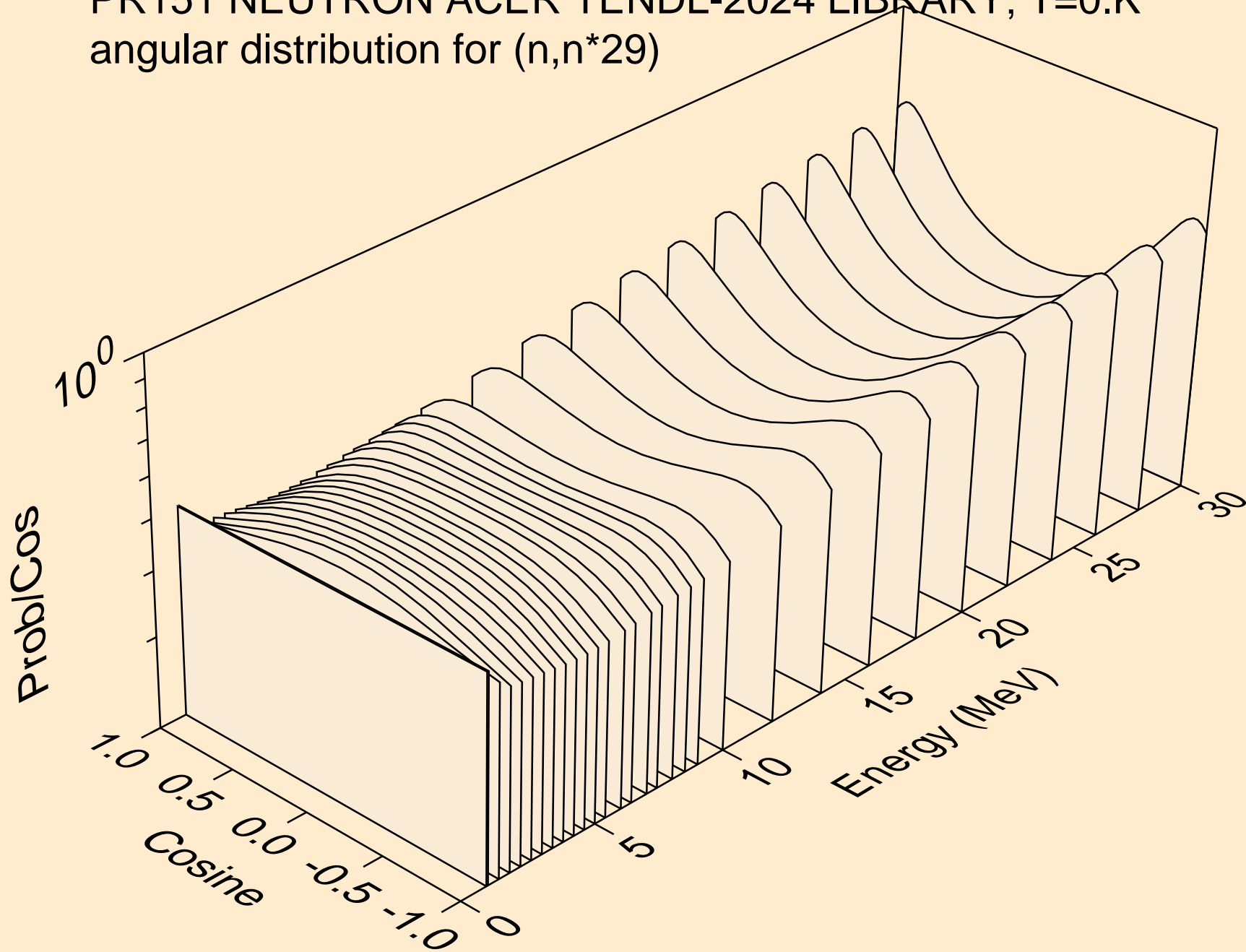


PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

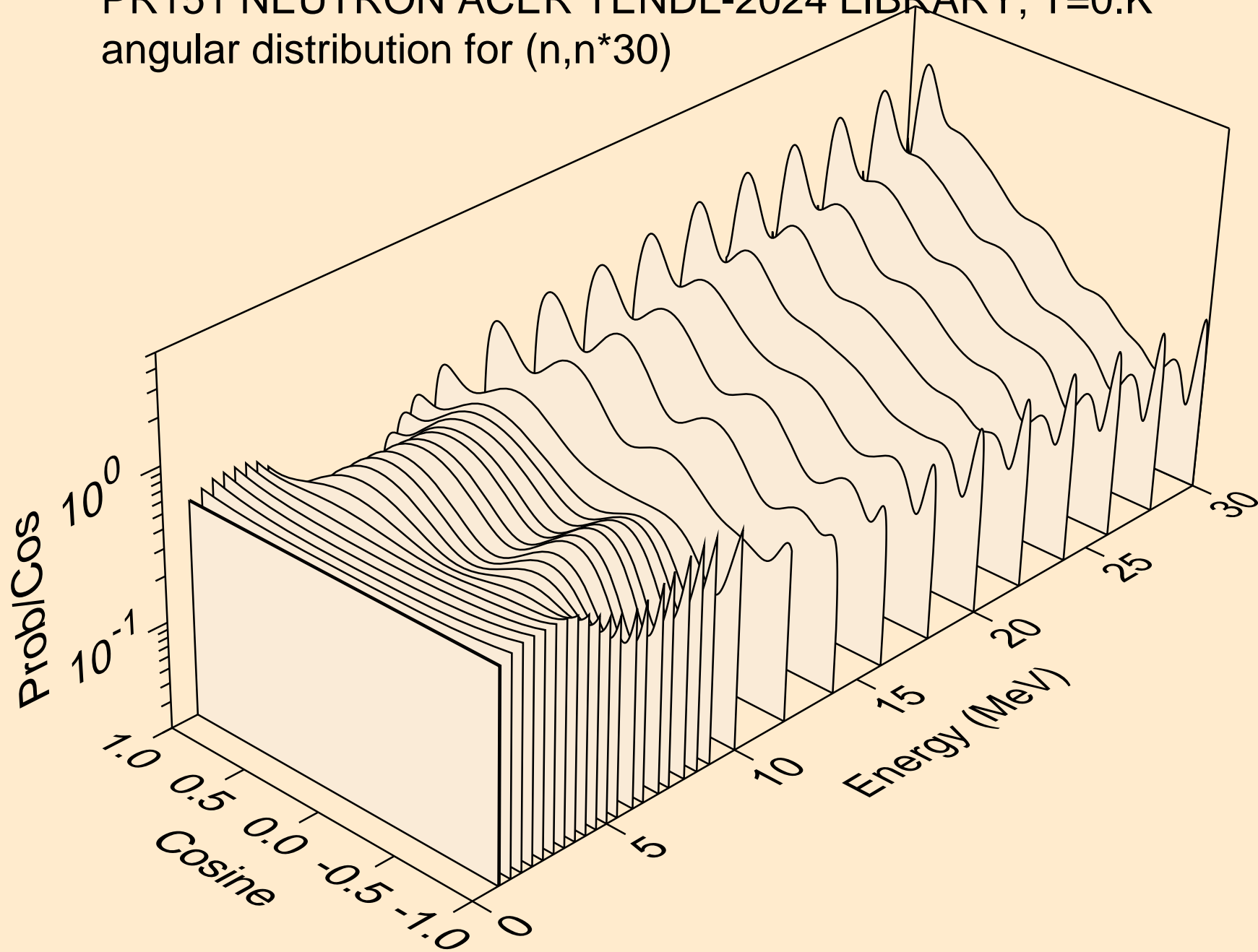




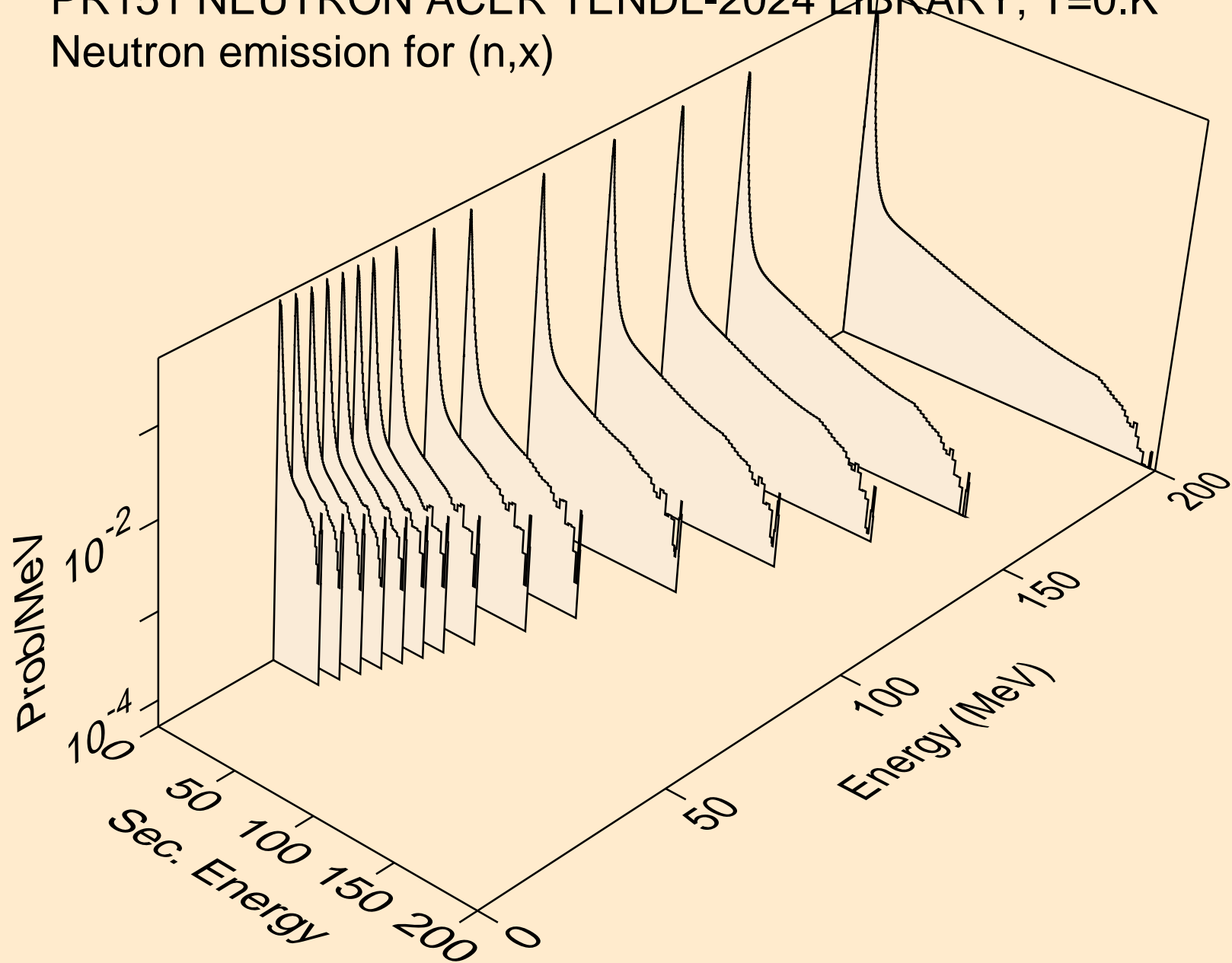
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angular distribution for (n,n\*29)



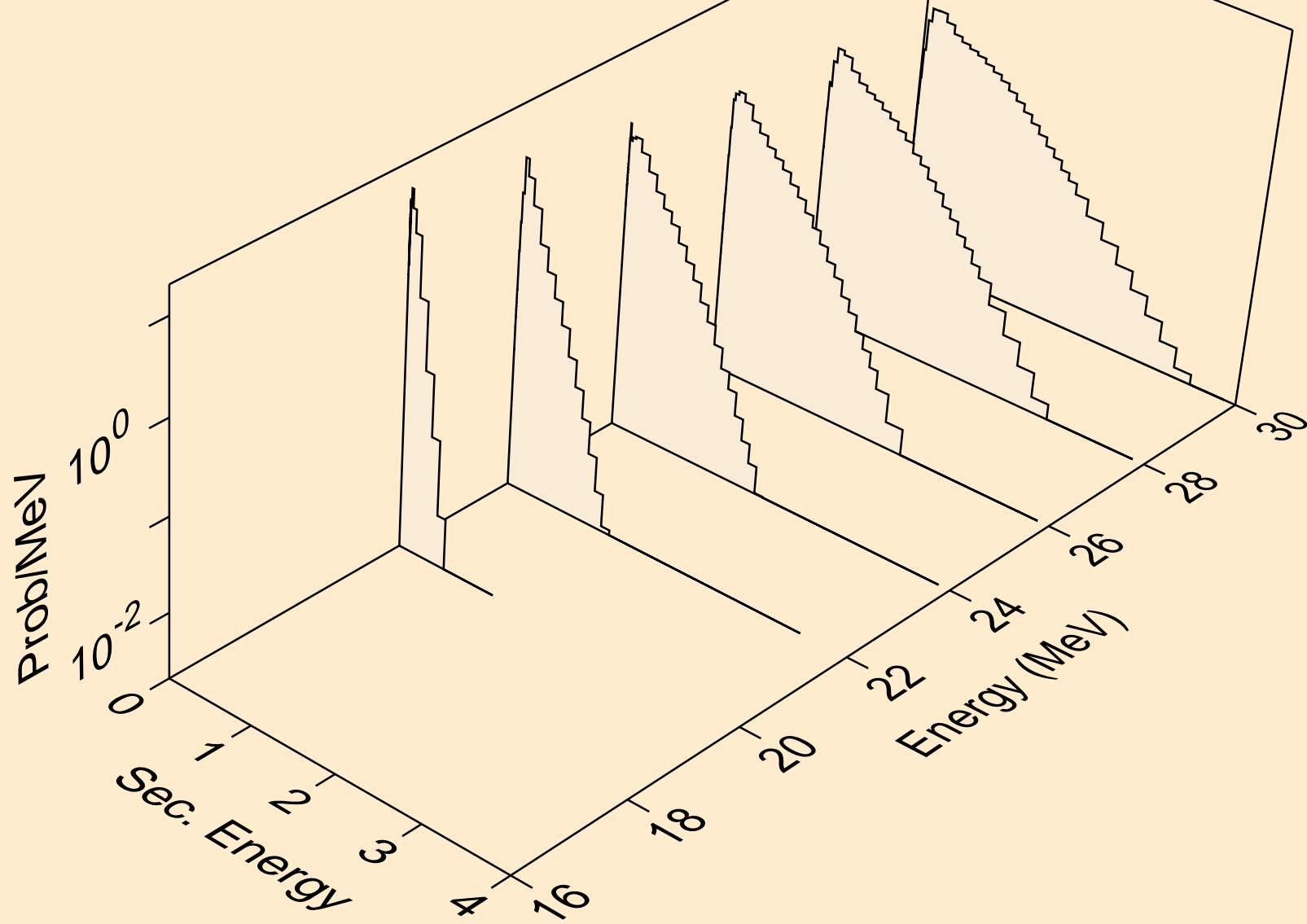
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angular distribution for (n,n\*30)



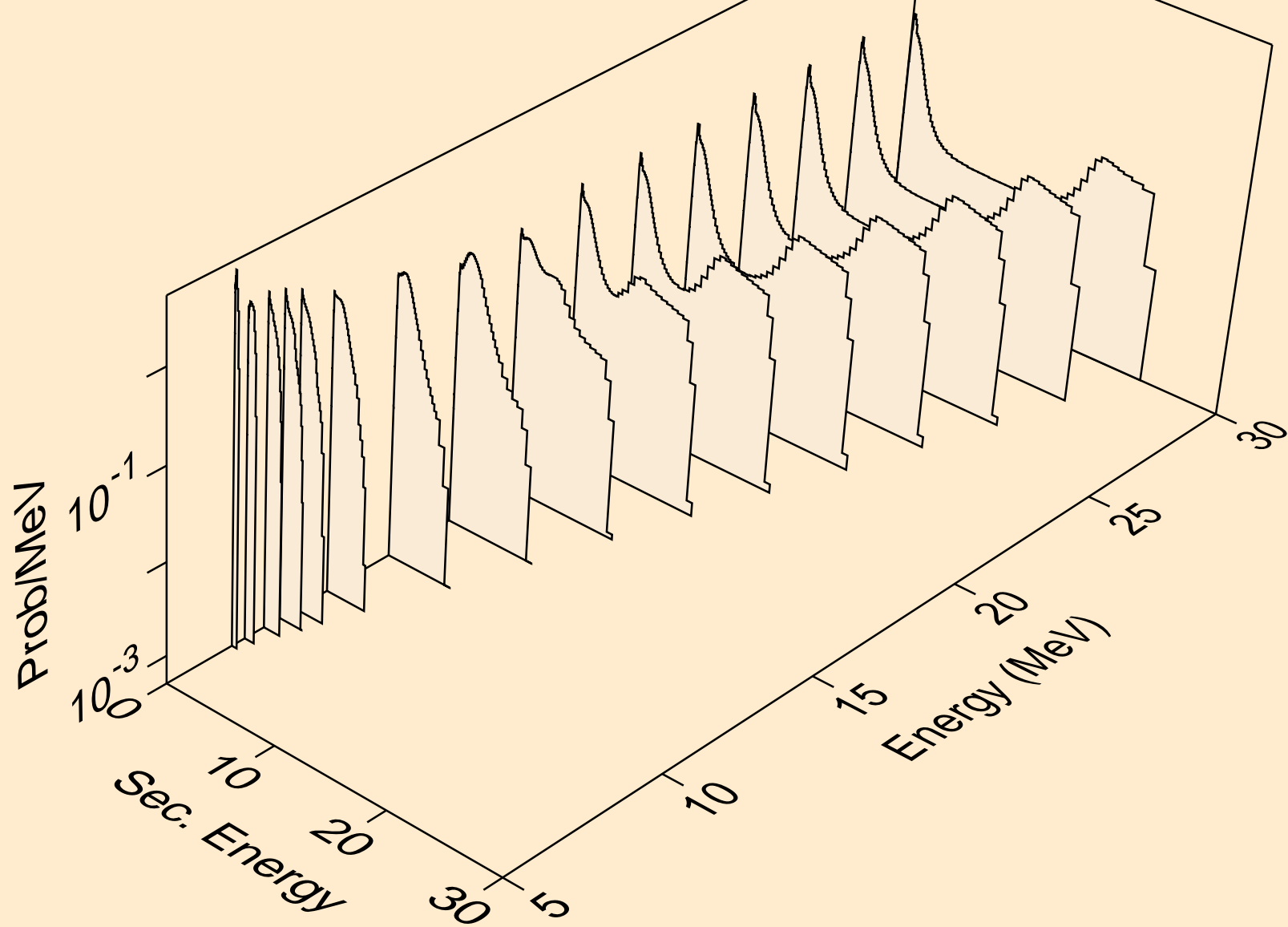
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



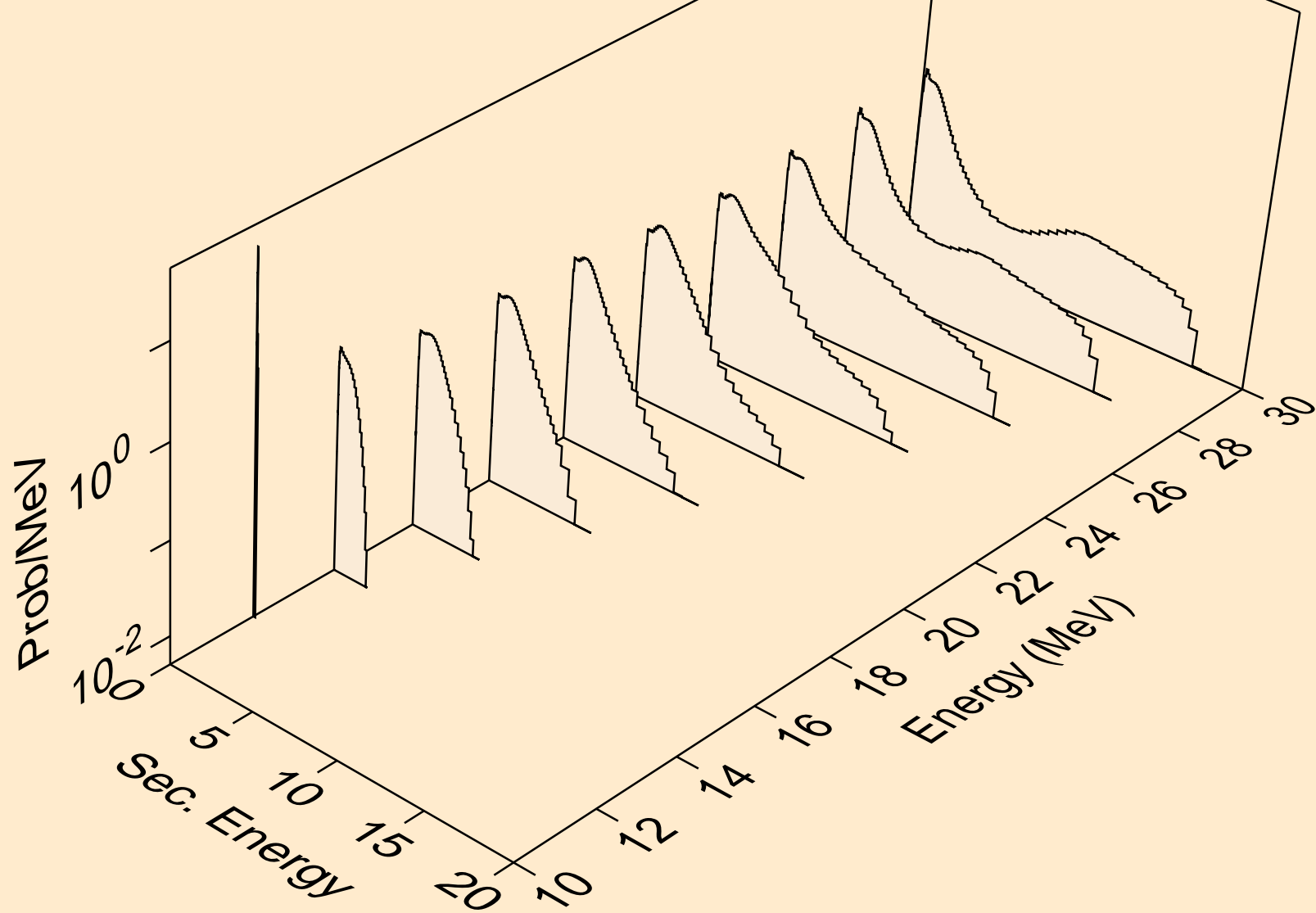
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



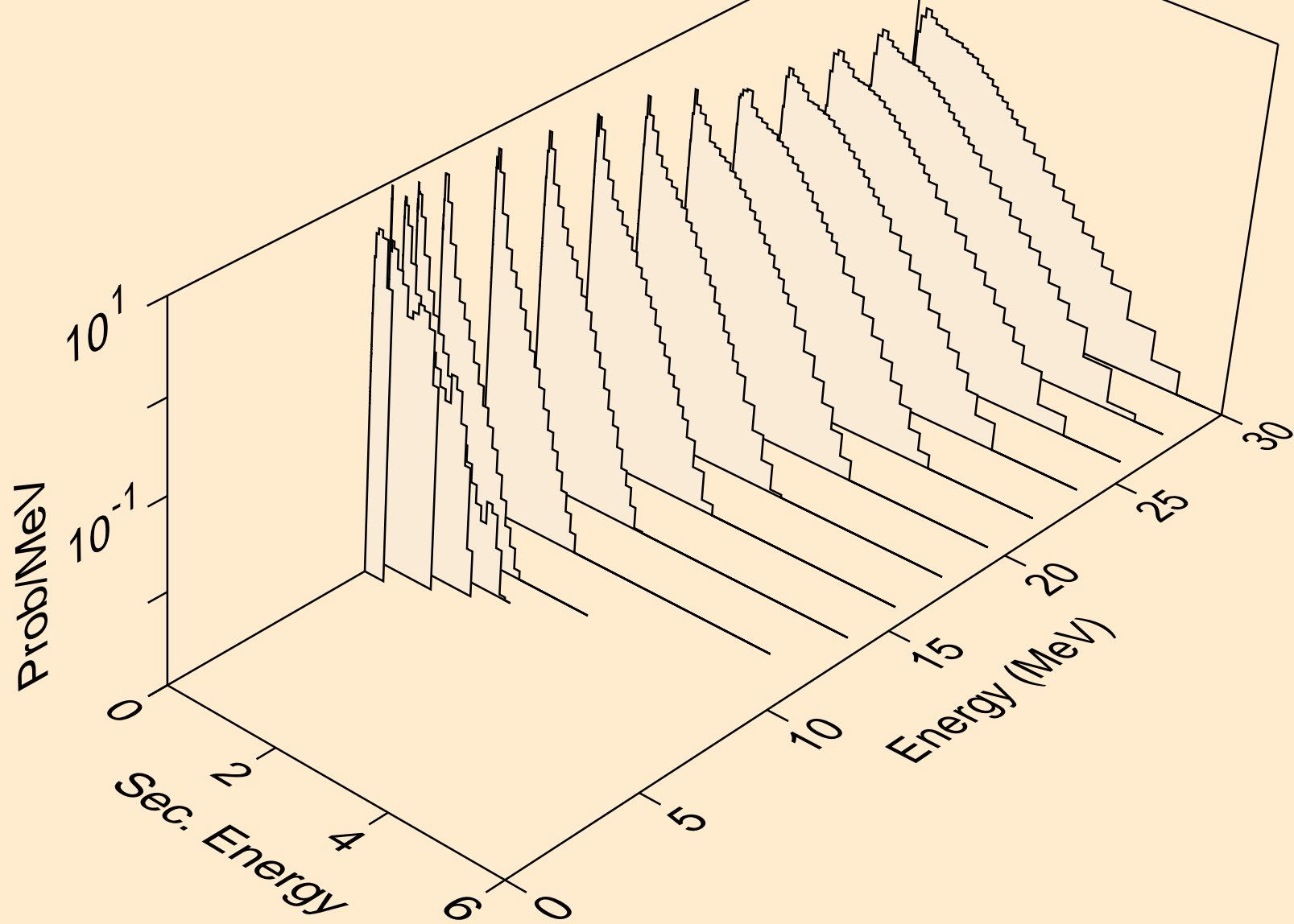
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



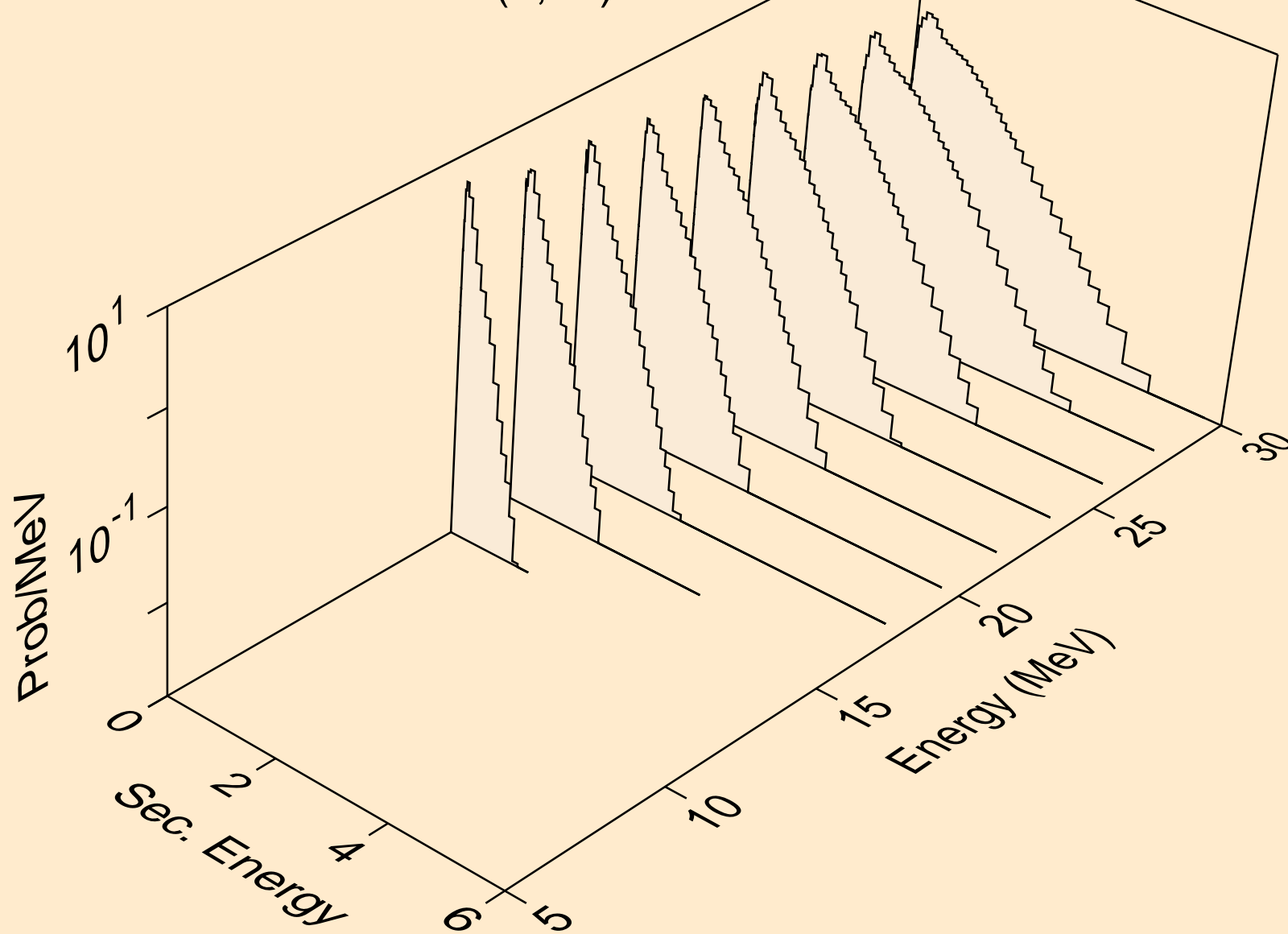
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

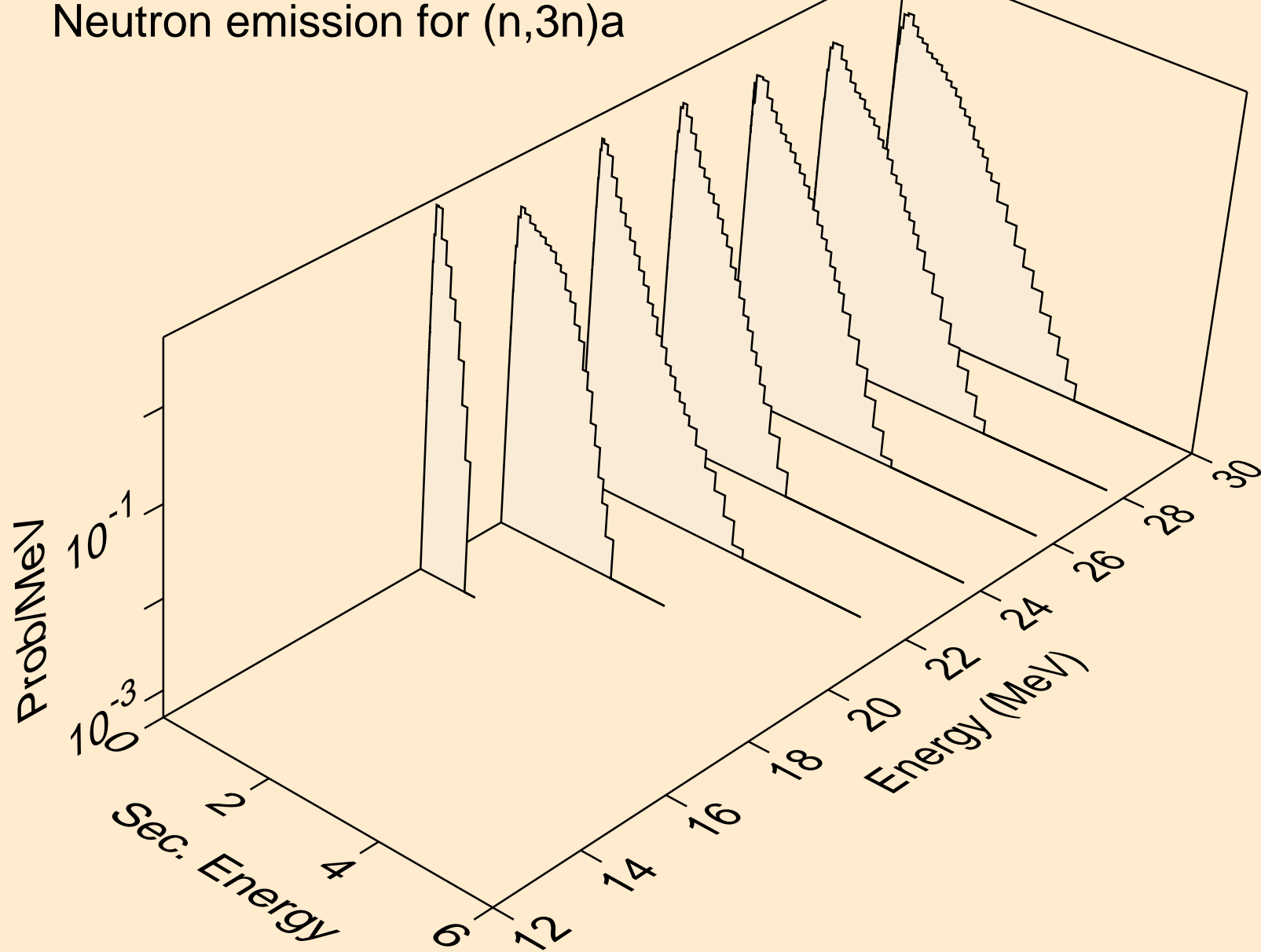


PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

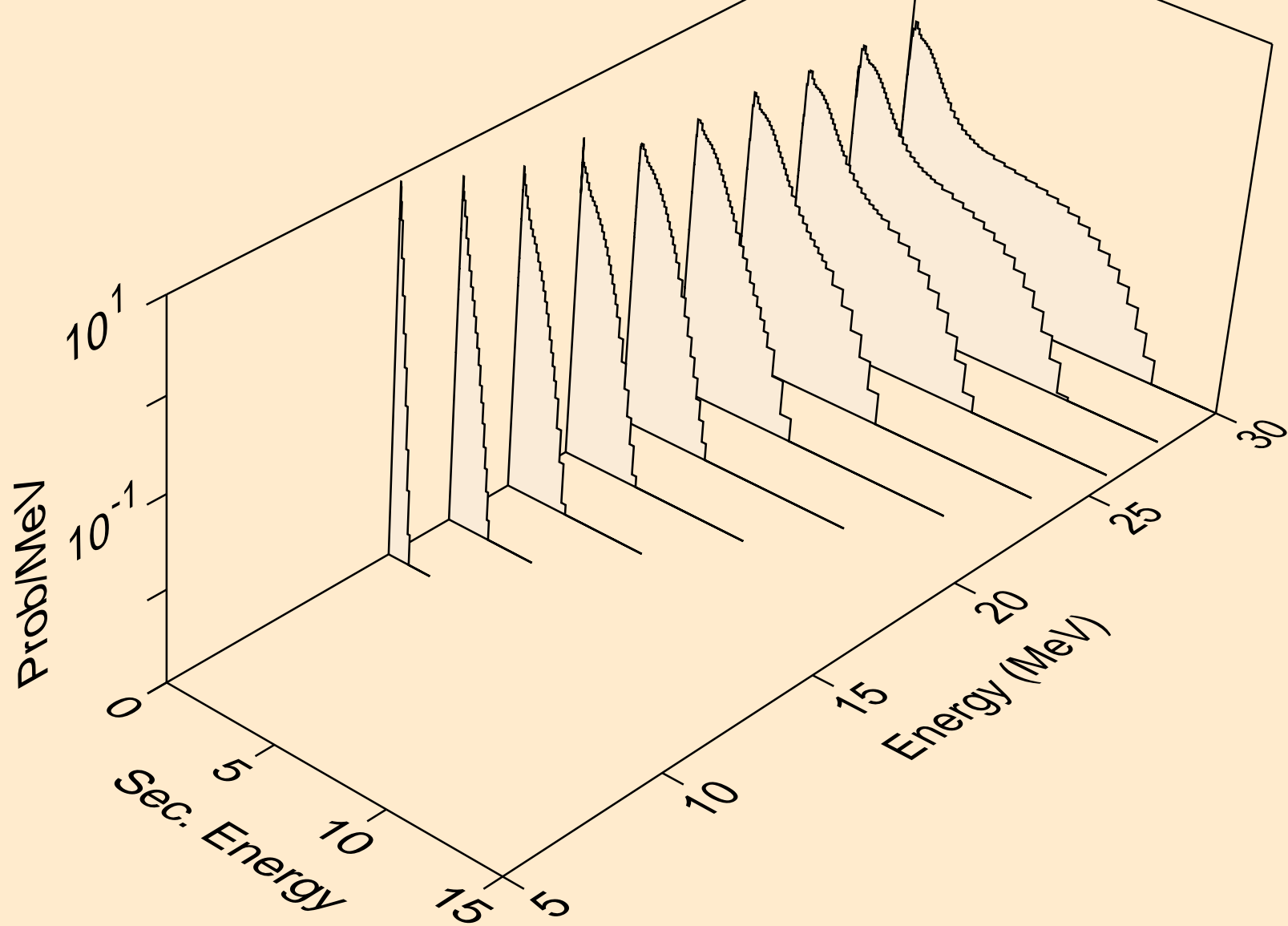




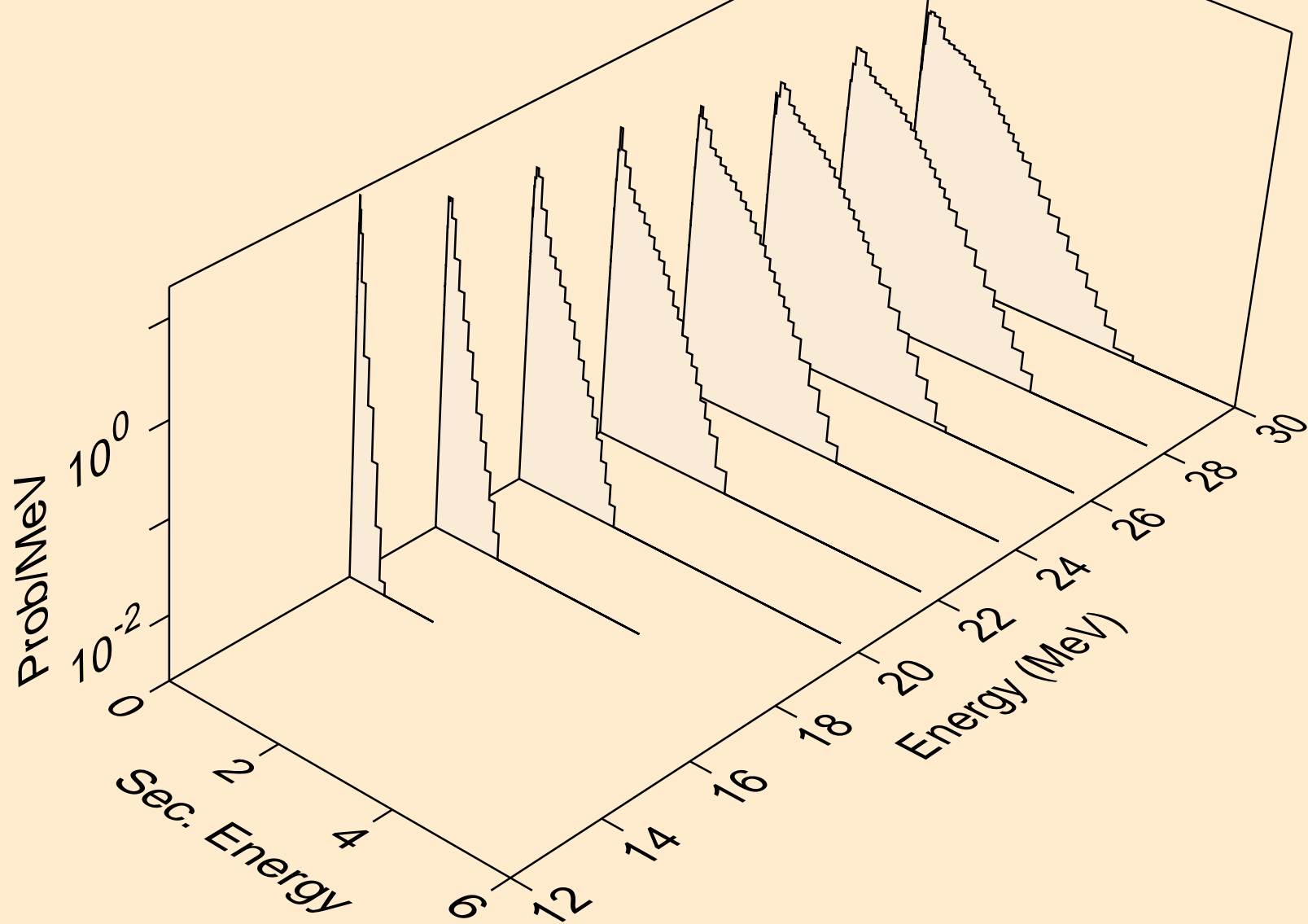
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



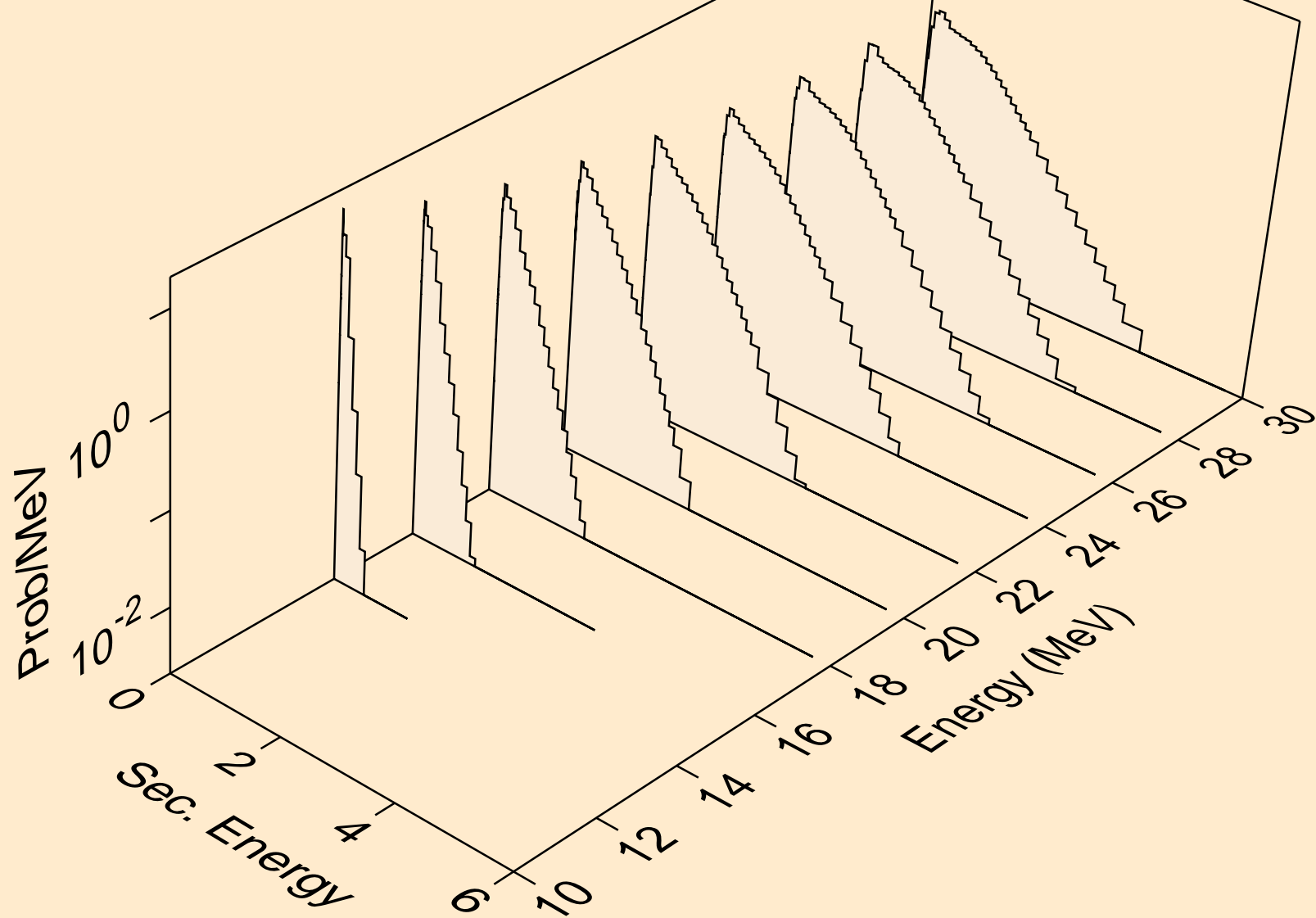
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



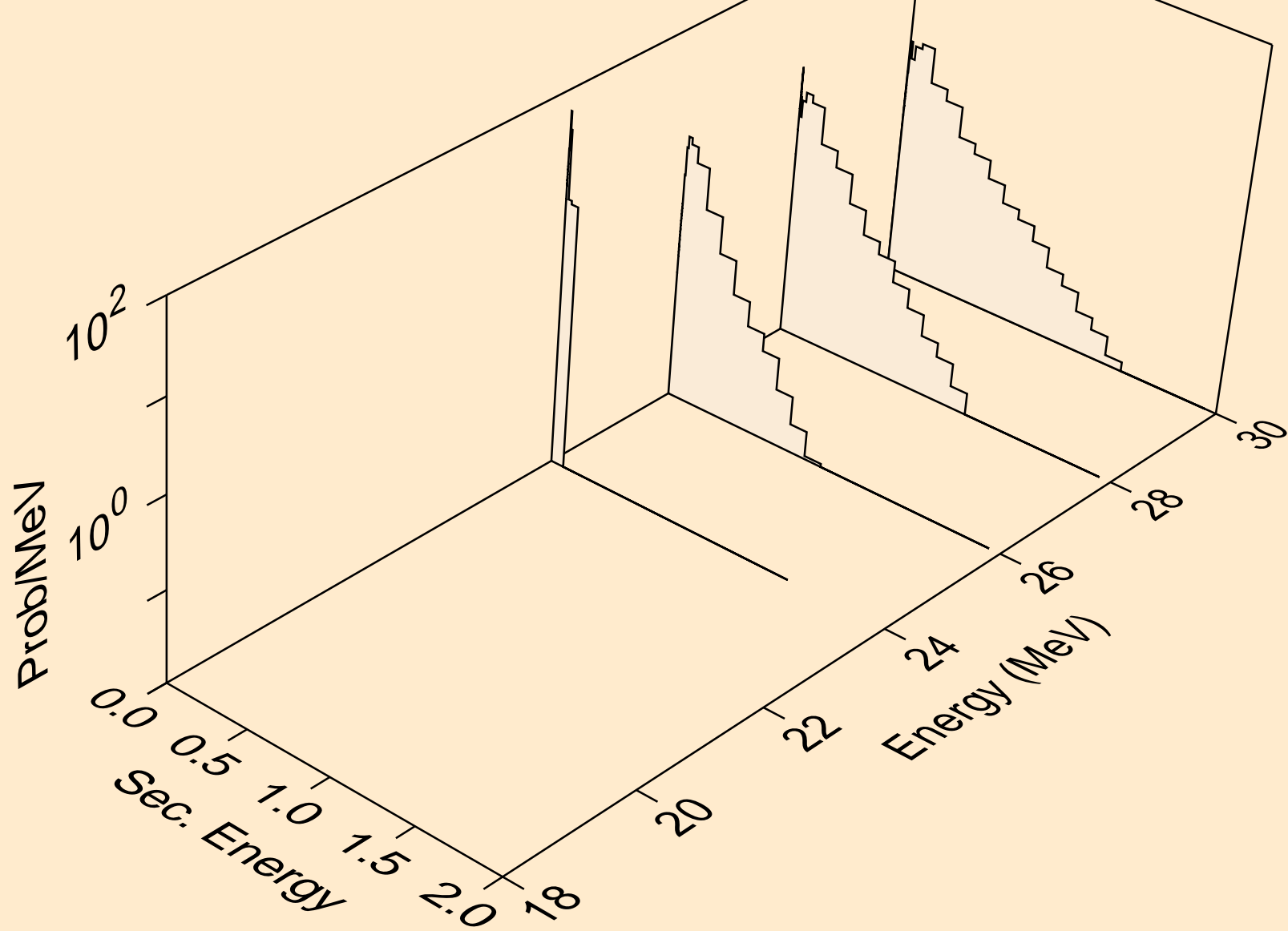
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



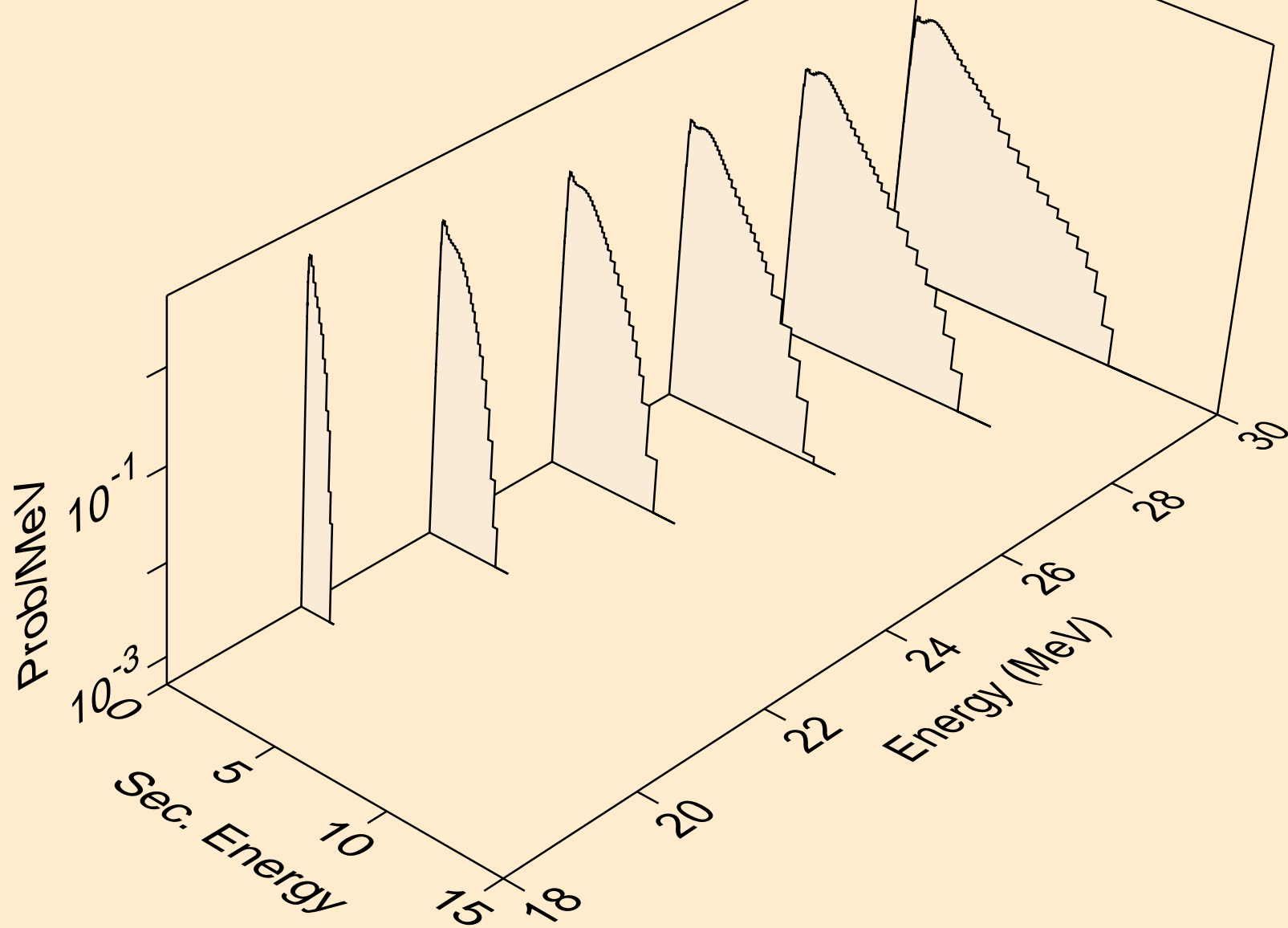
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



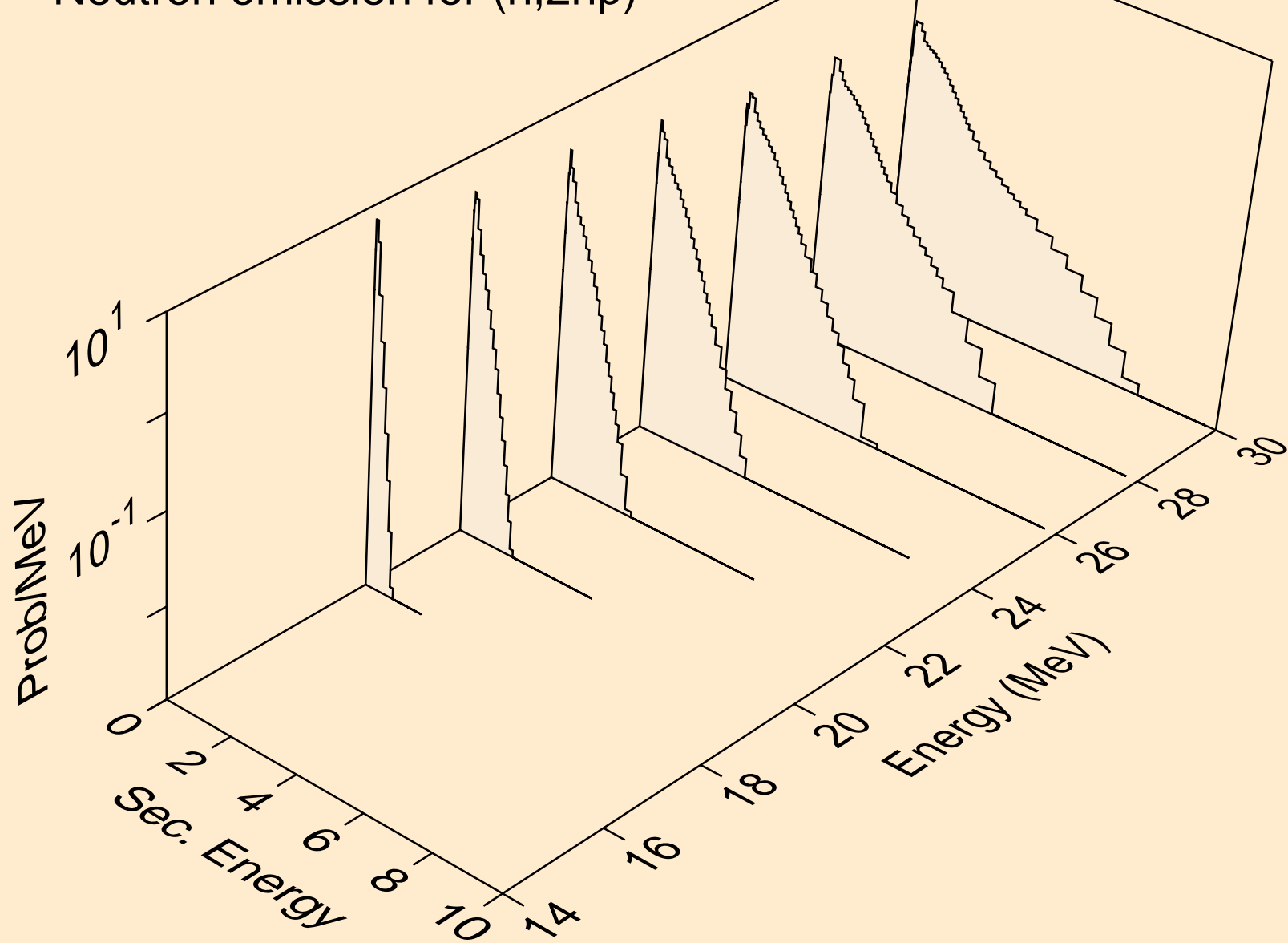
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



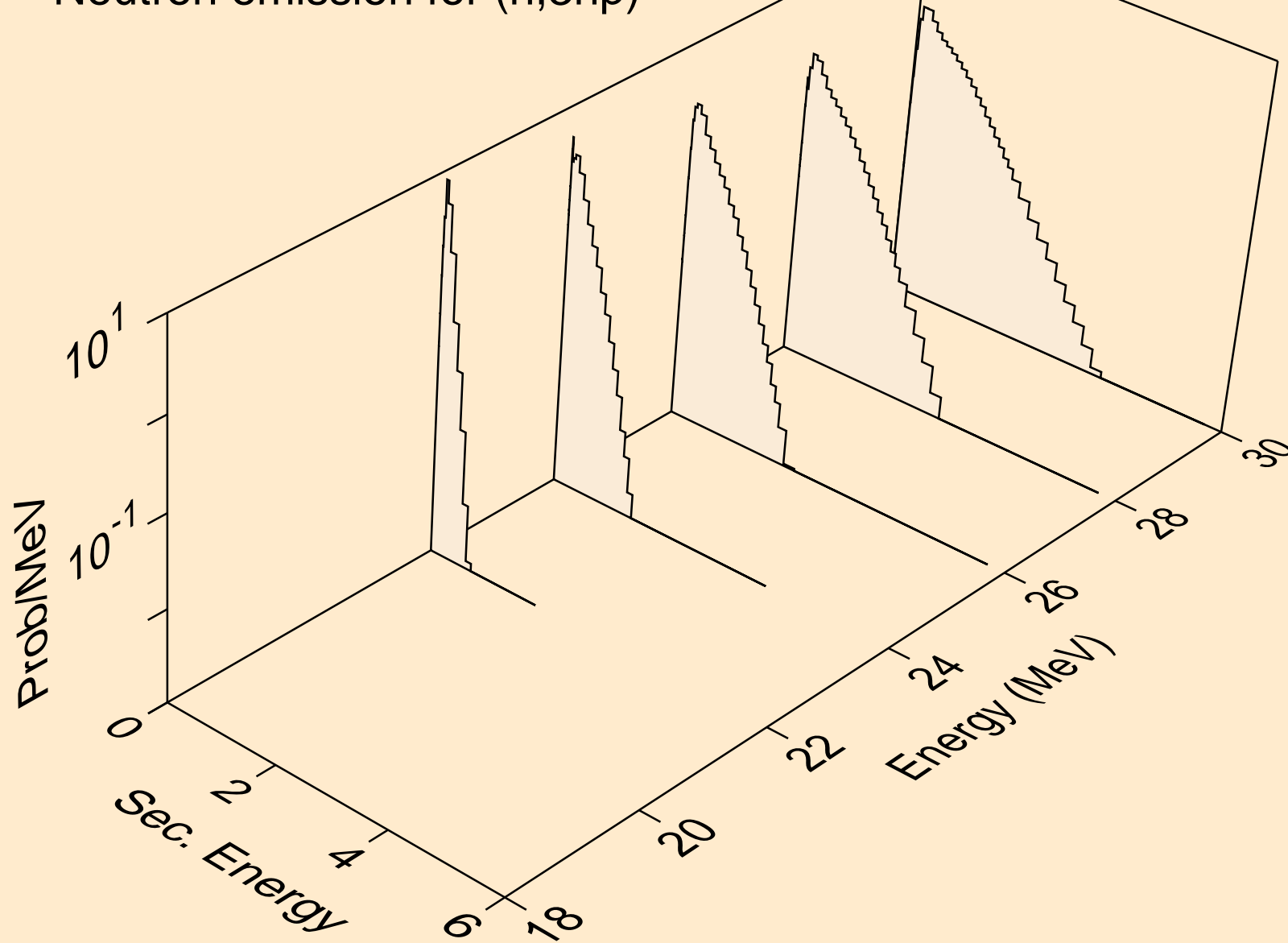
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

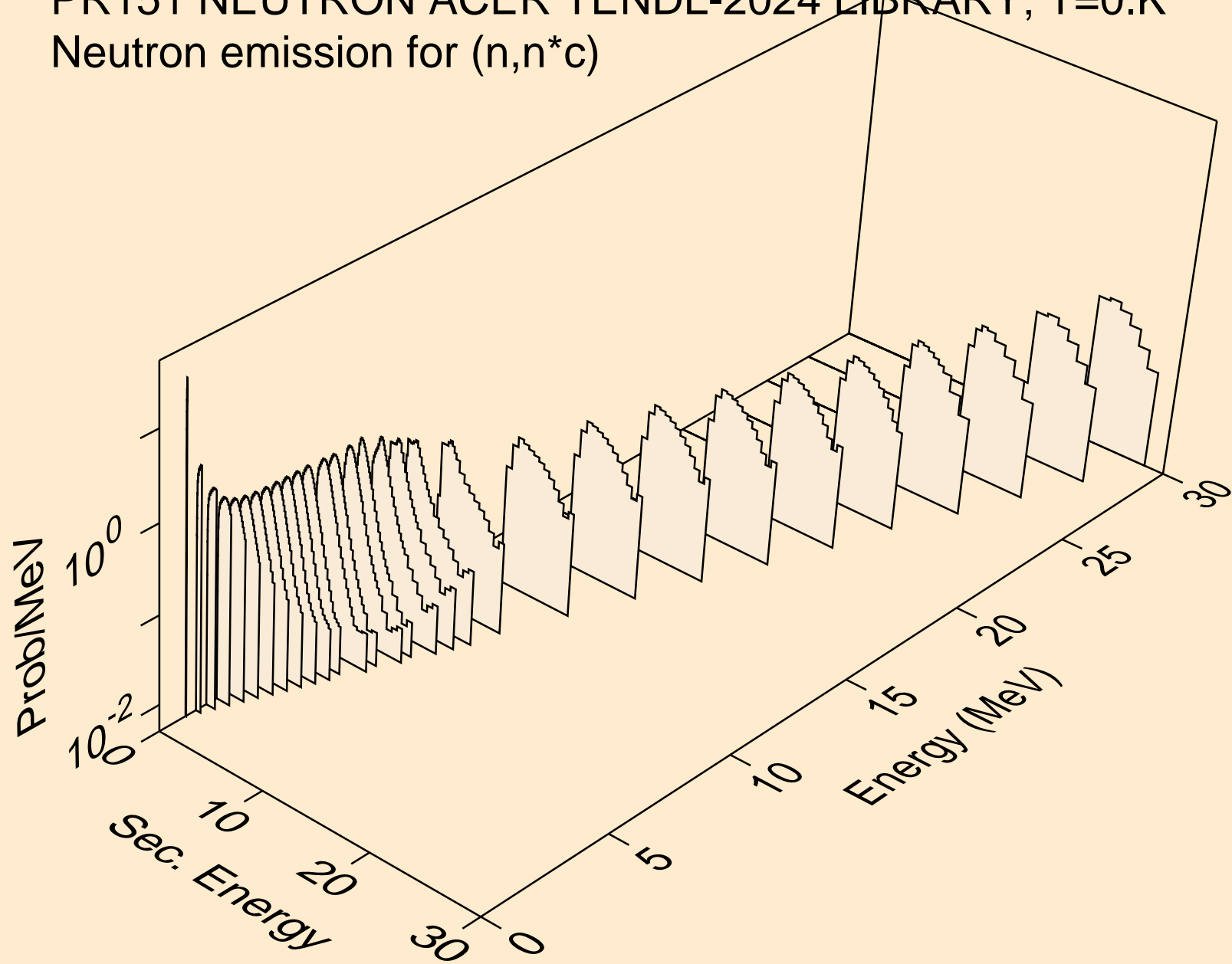


PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

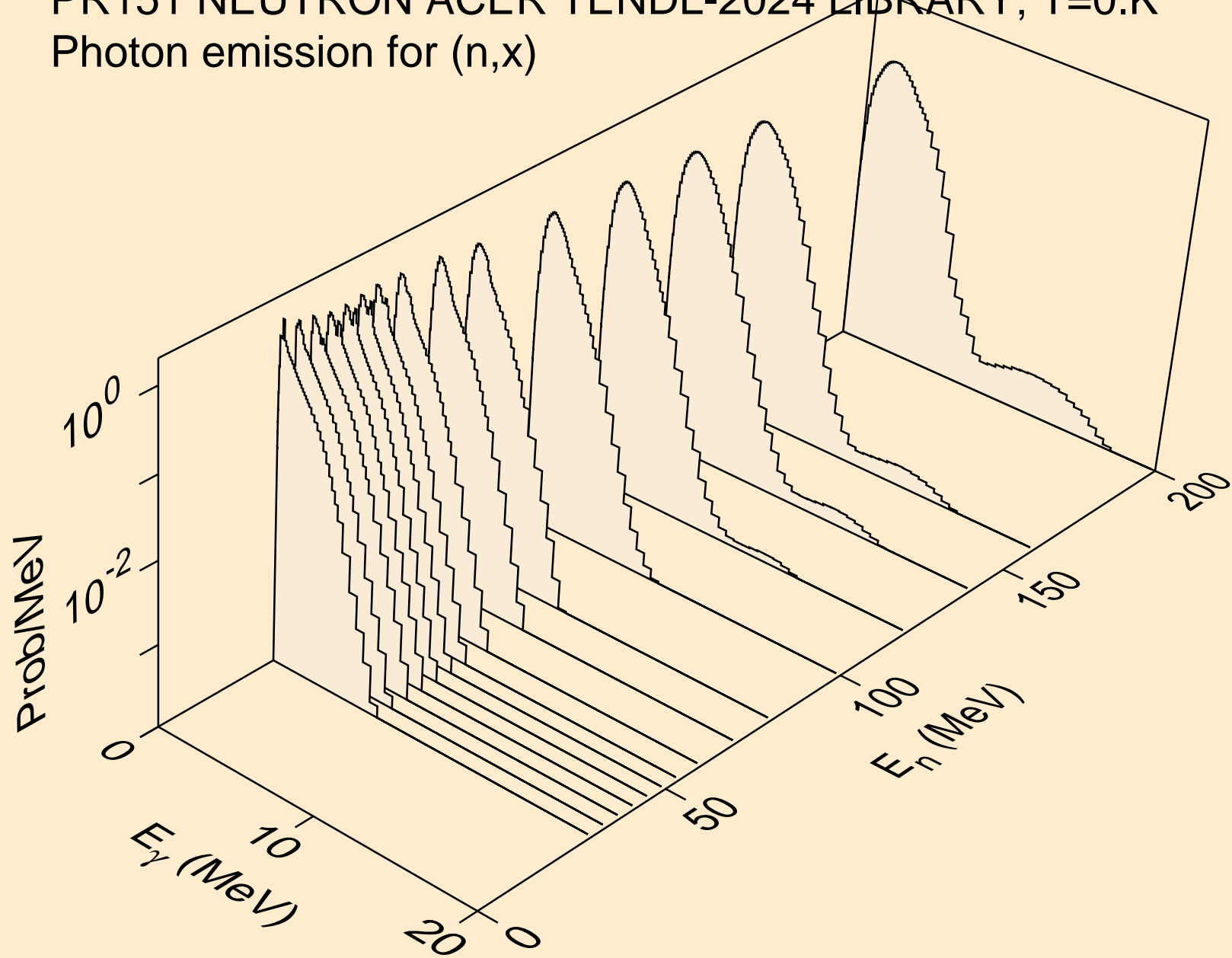




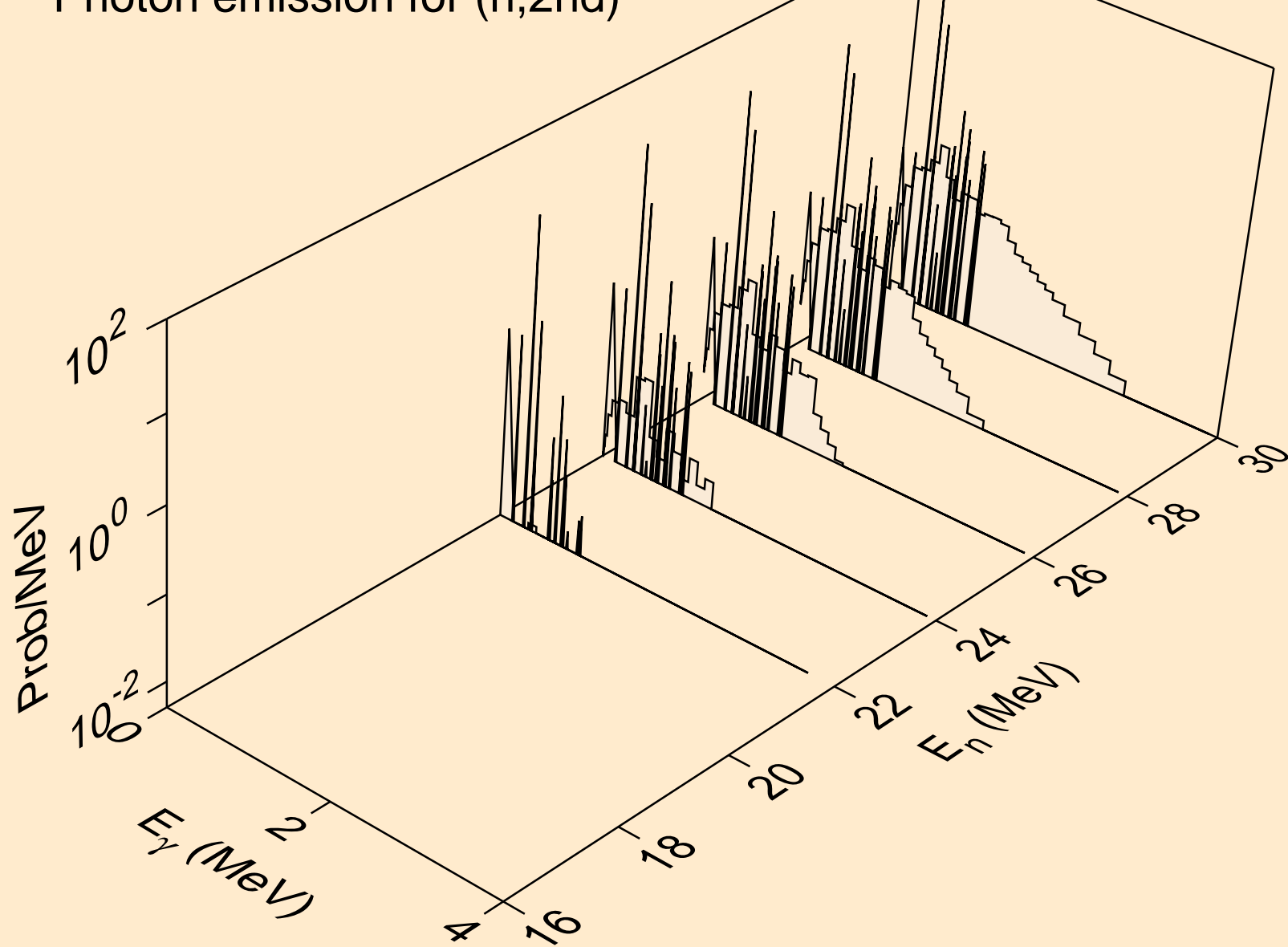
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



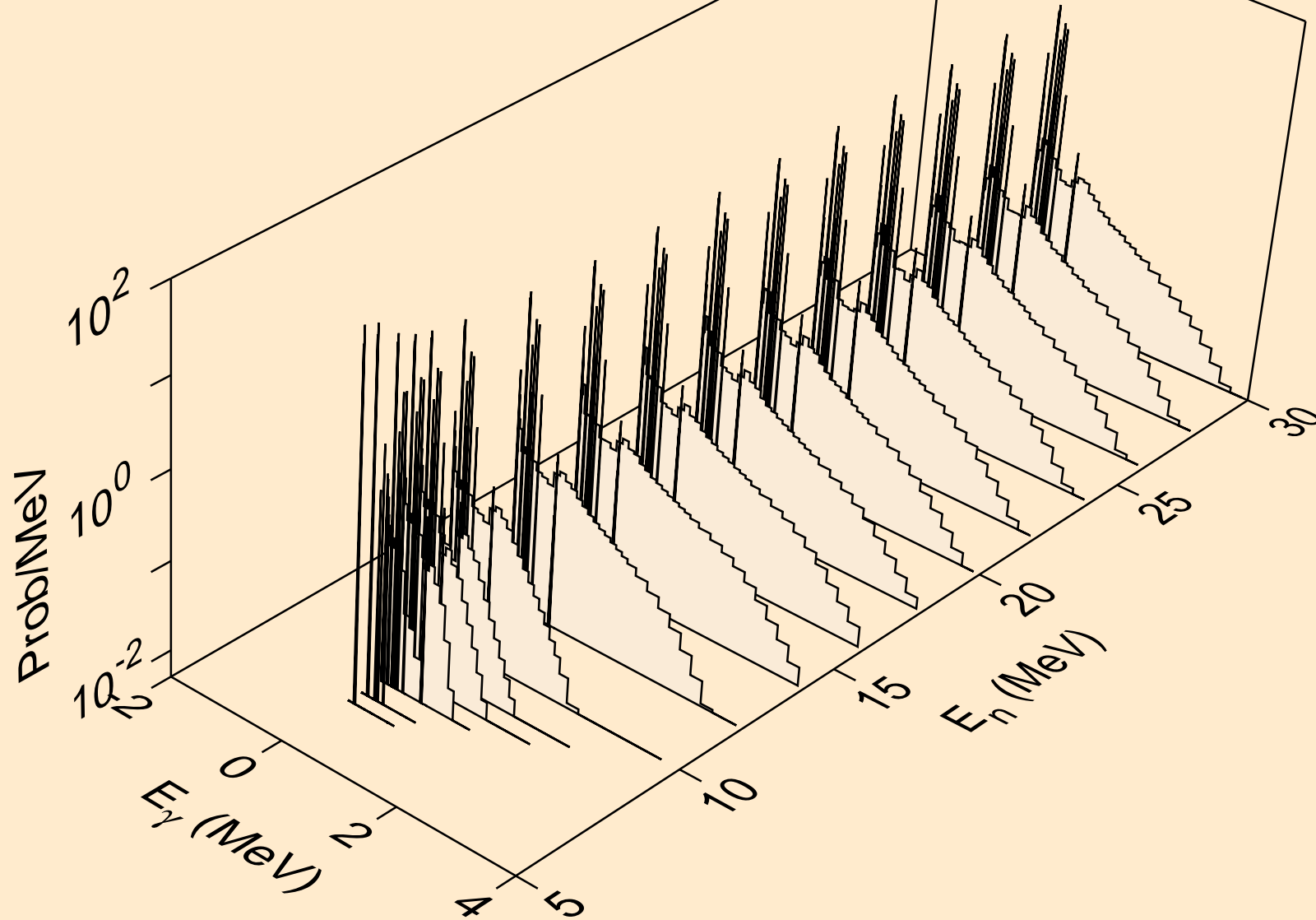
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



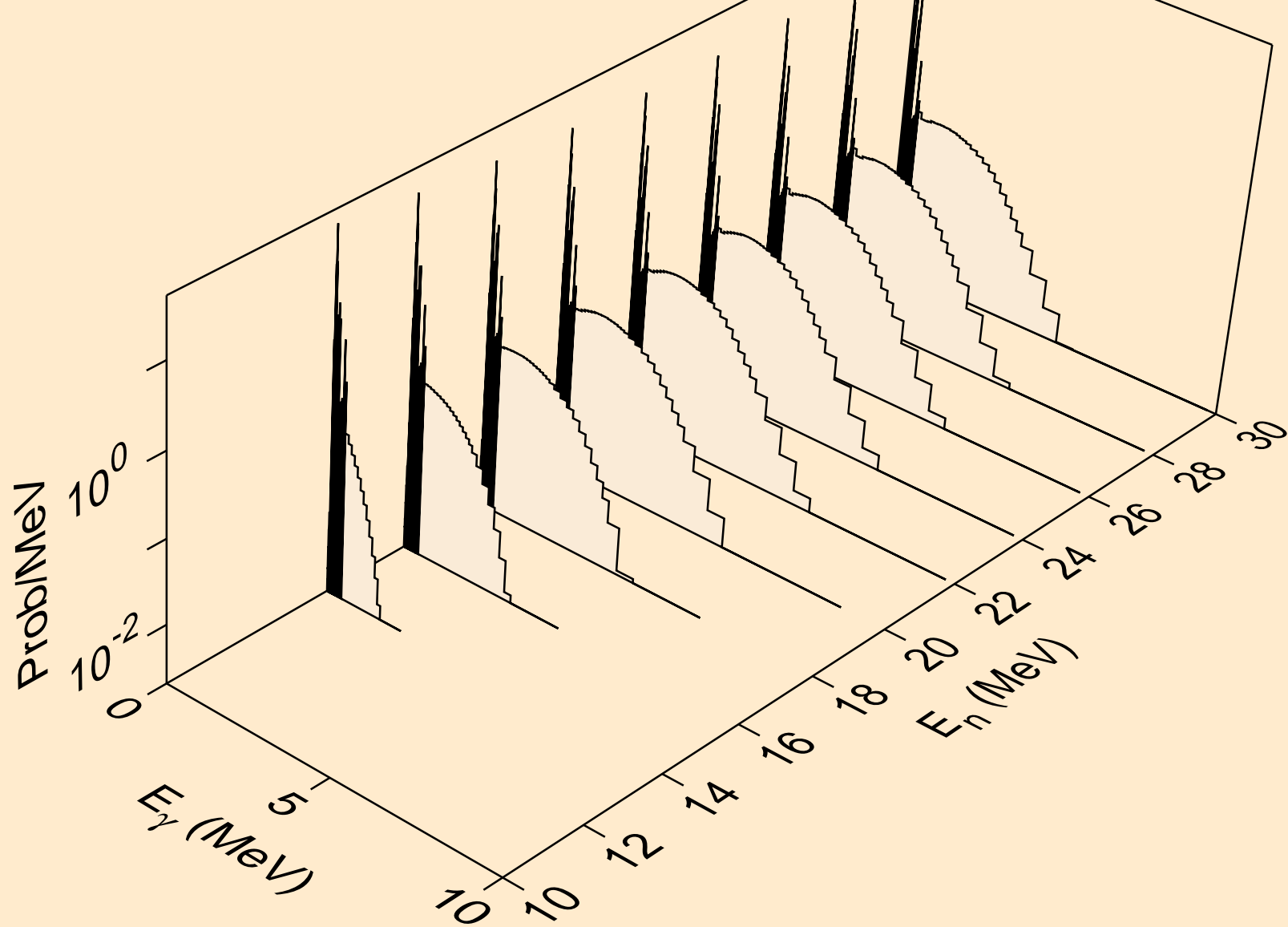
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



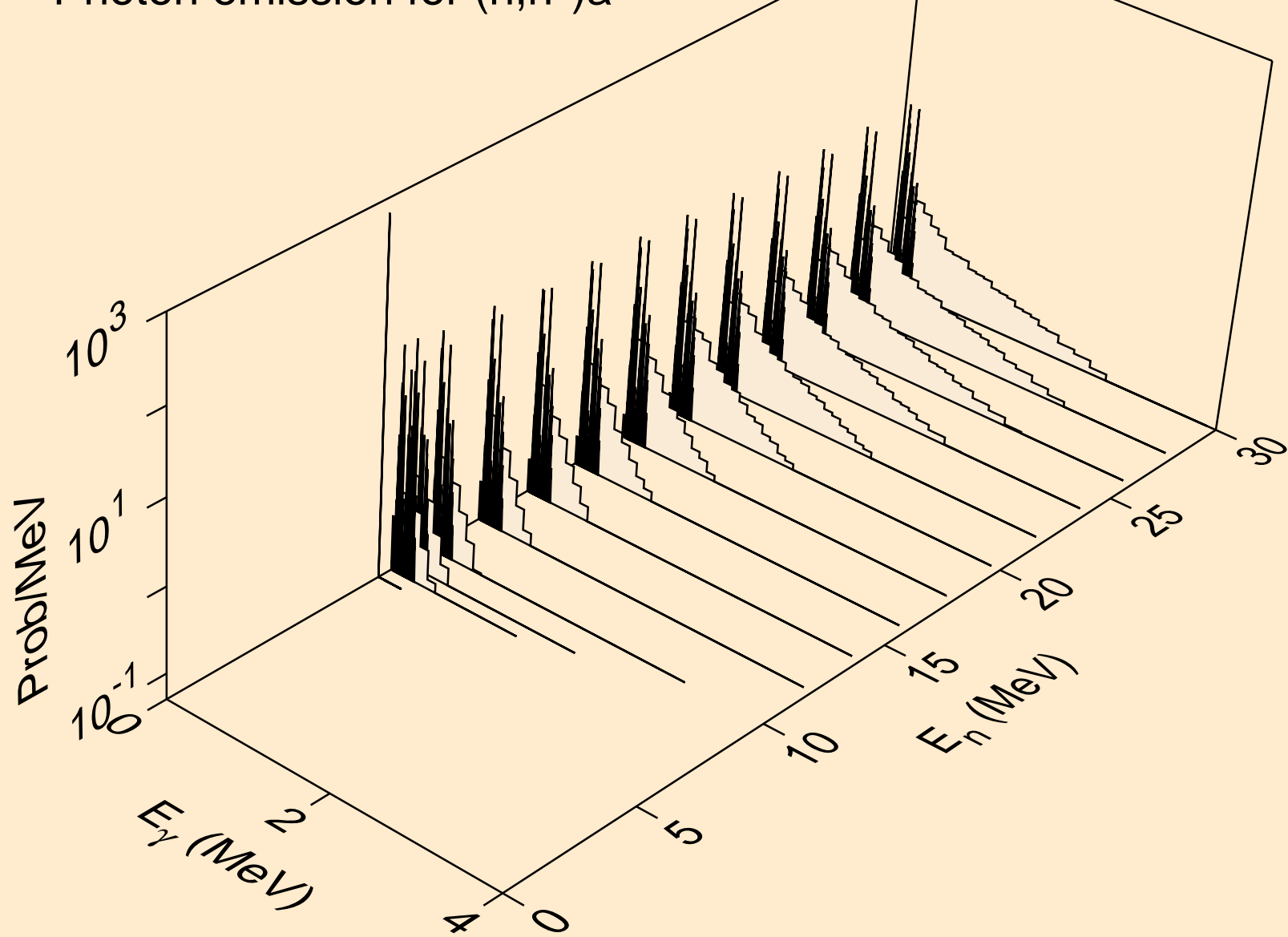
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



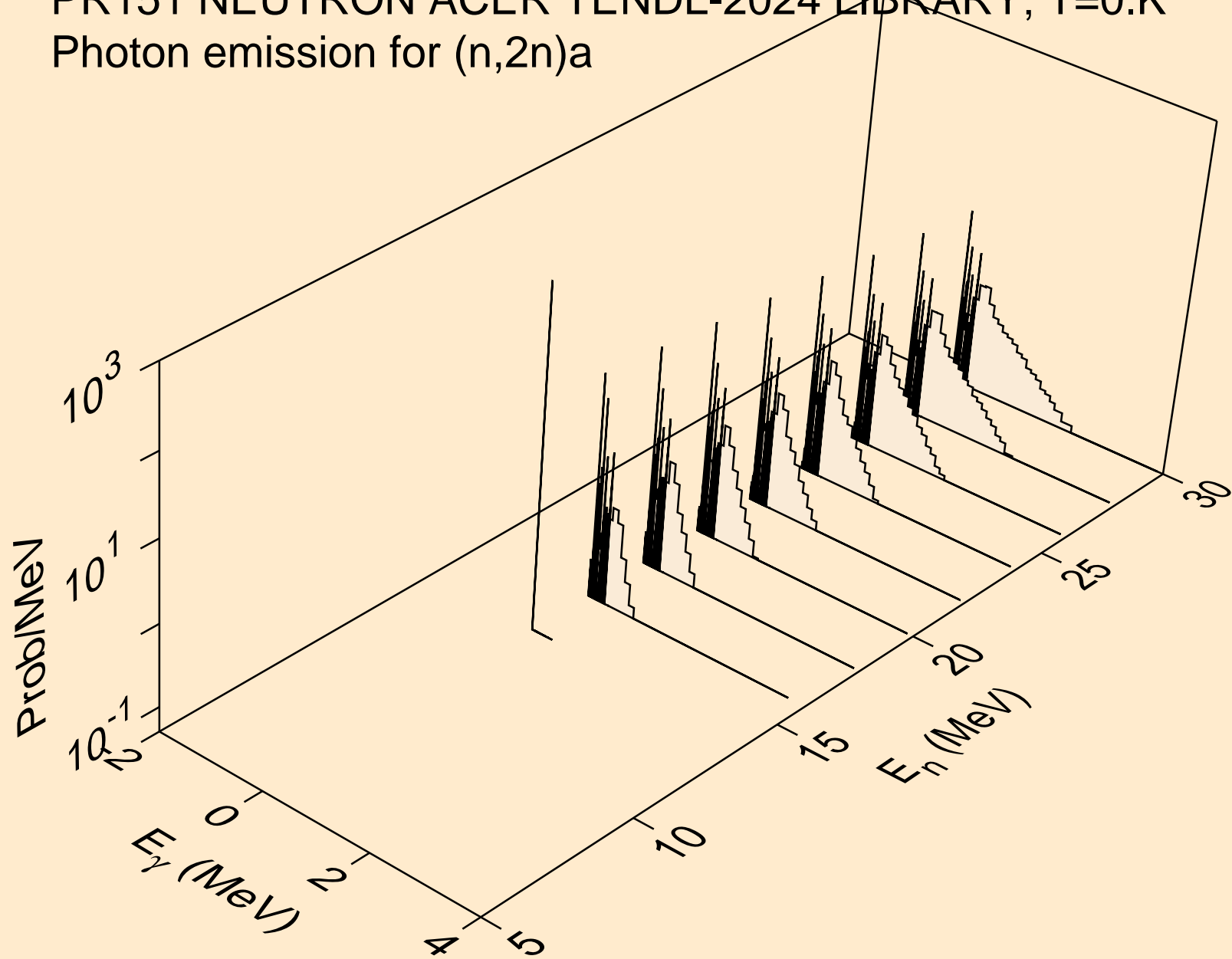
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



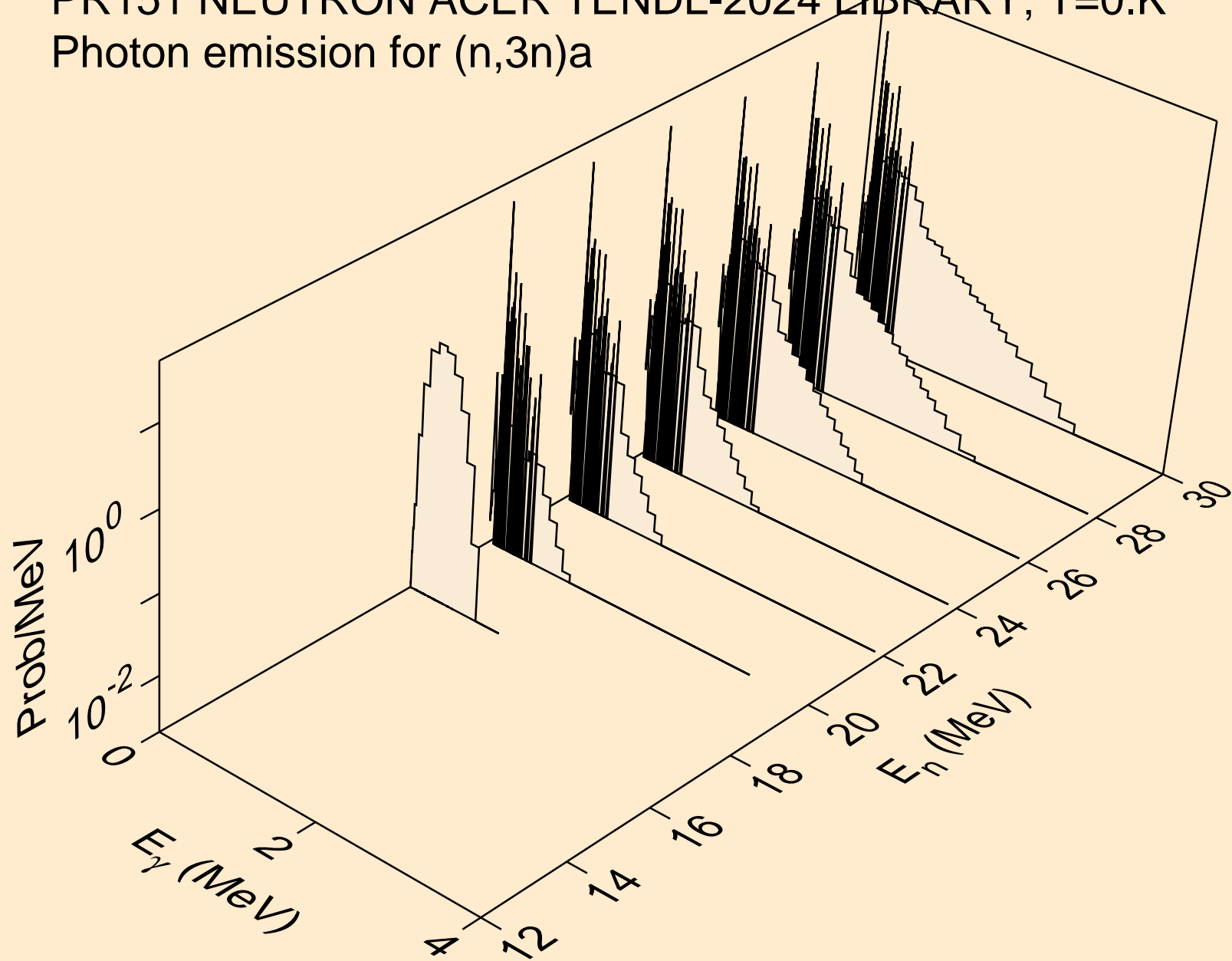
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

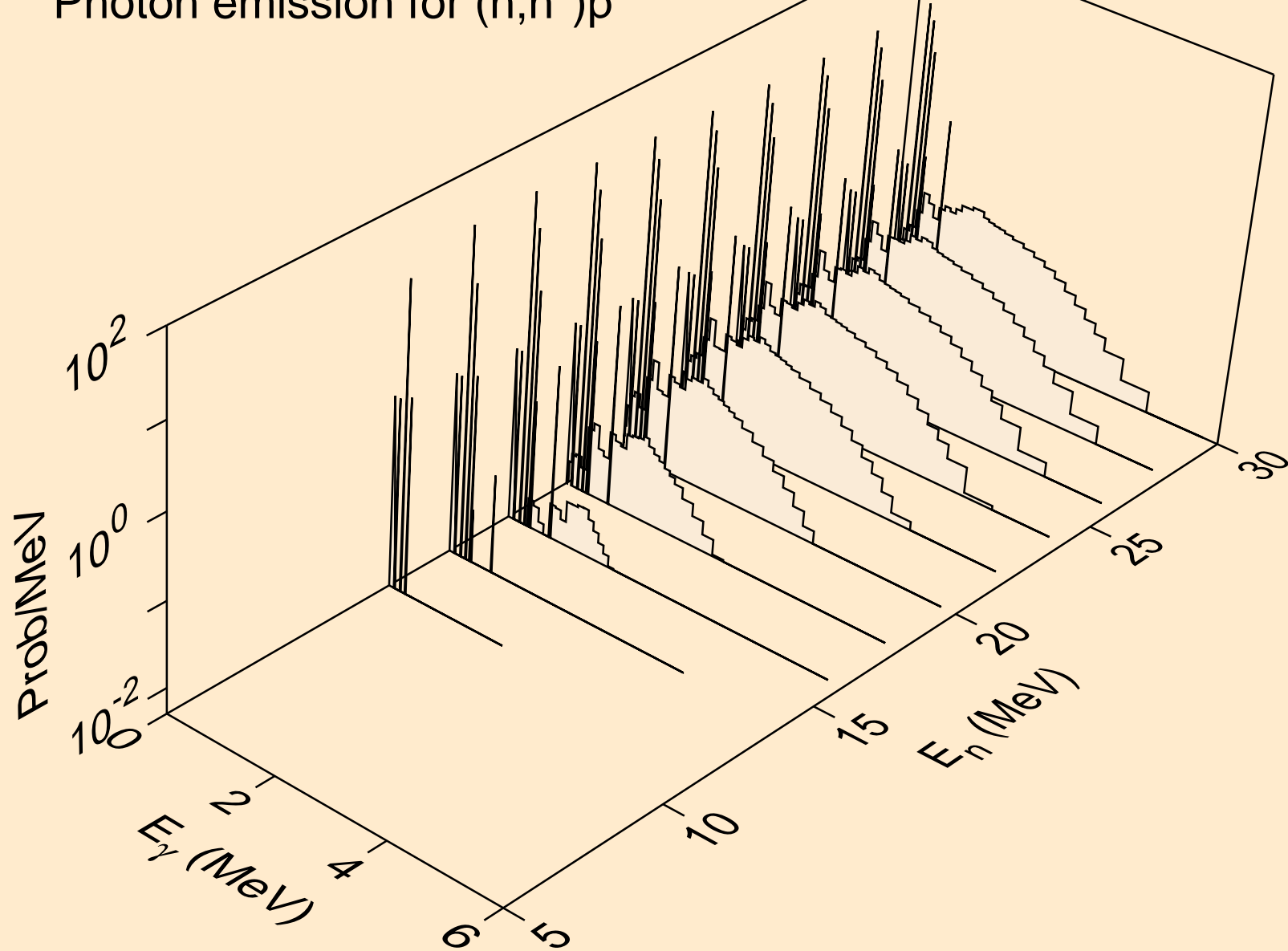


PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

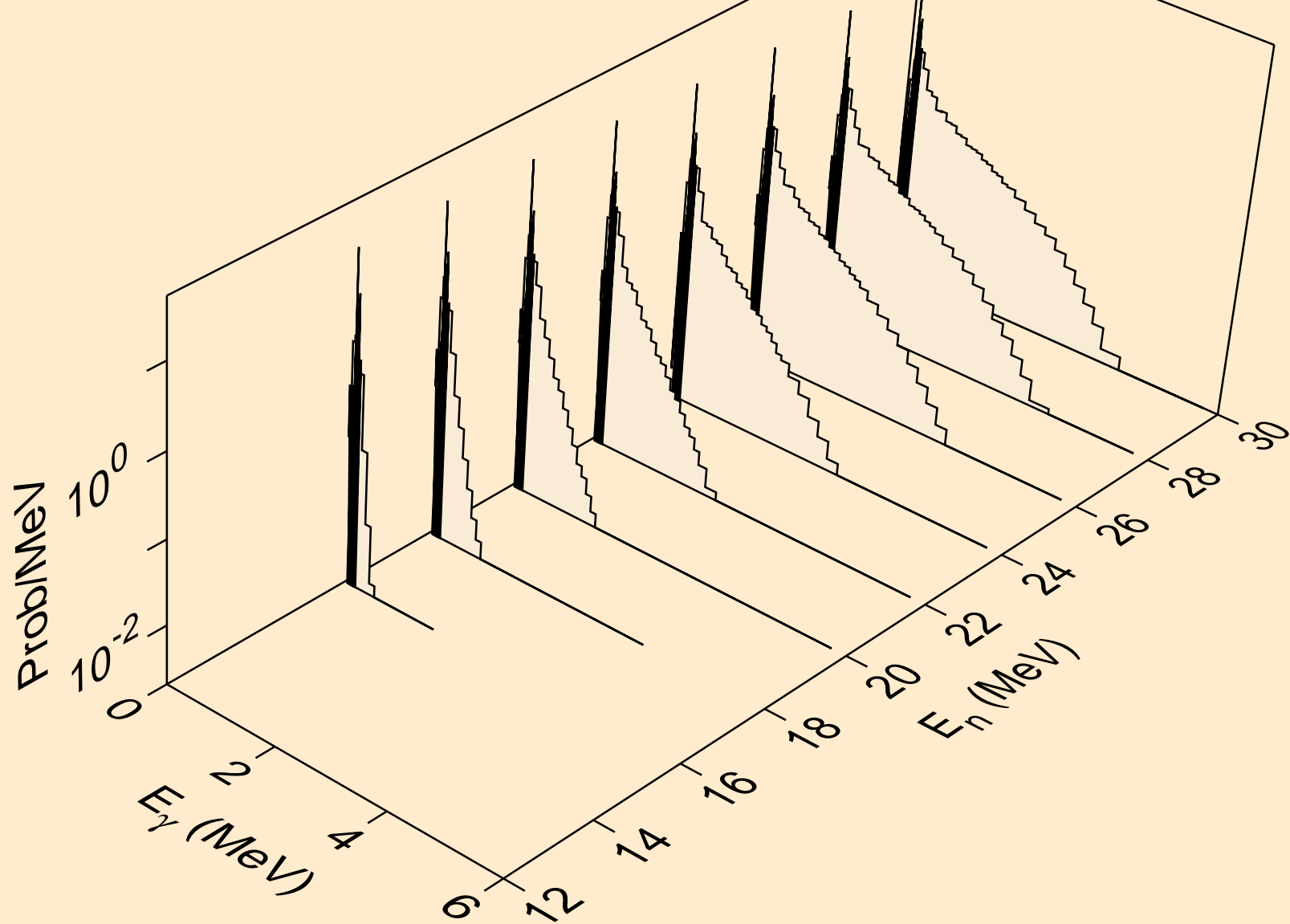




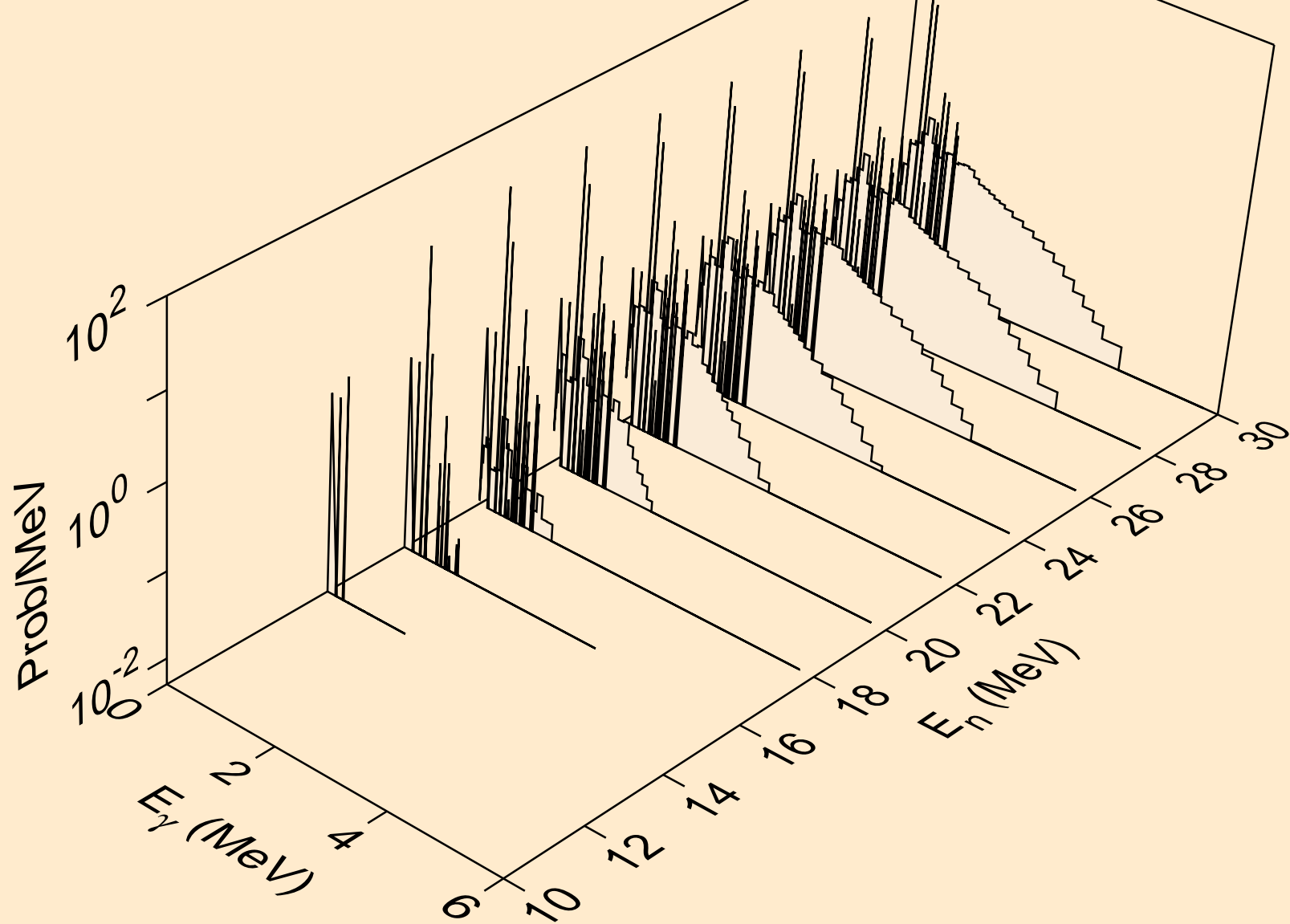
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



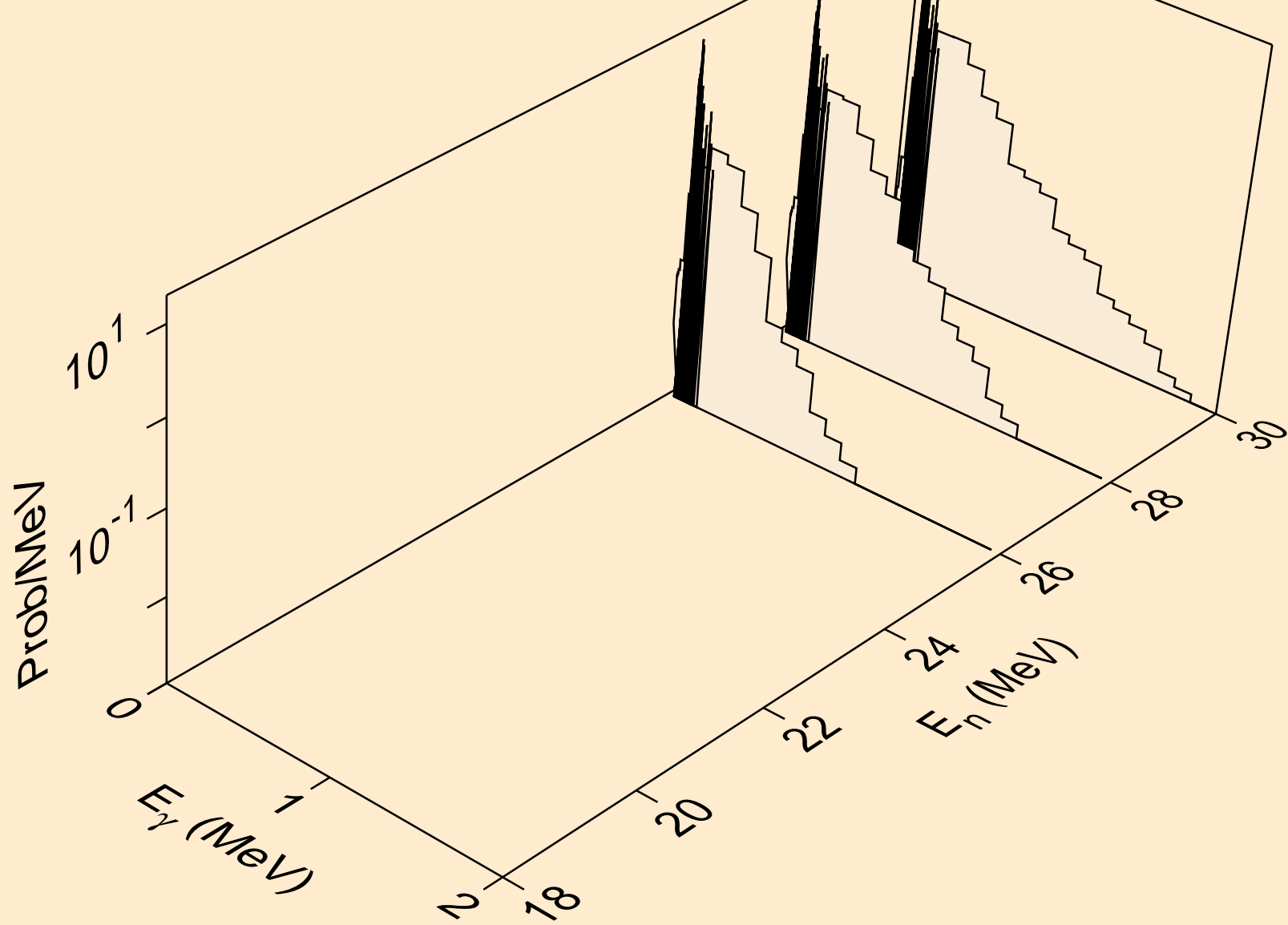
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



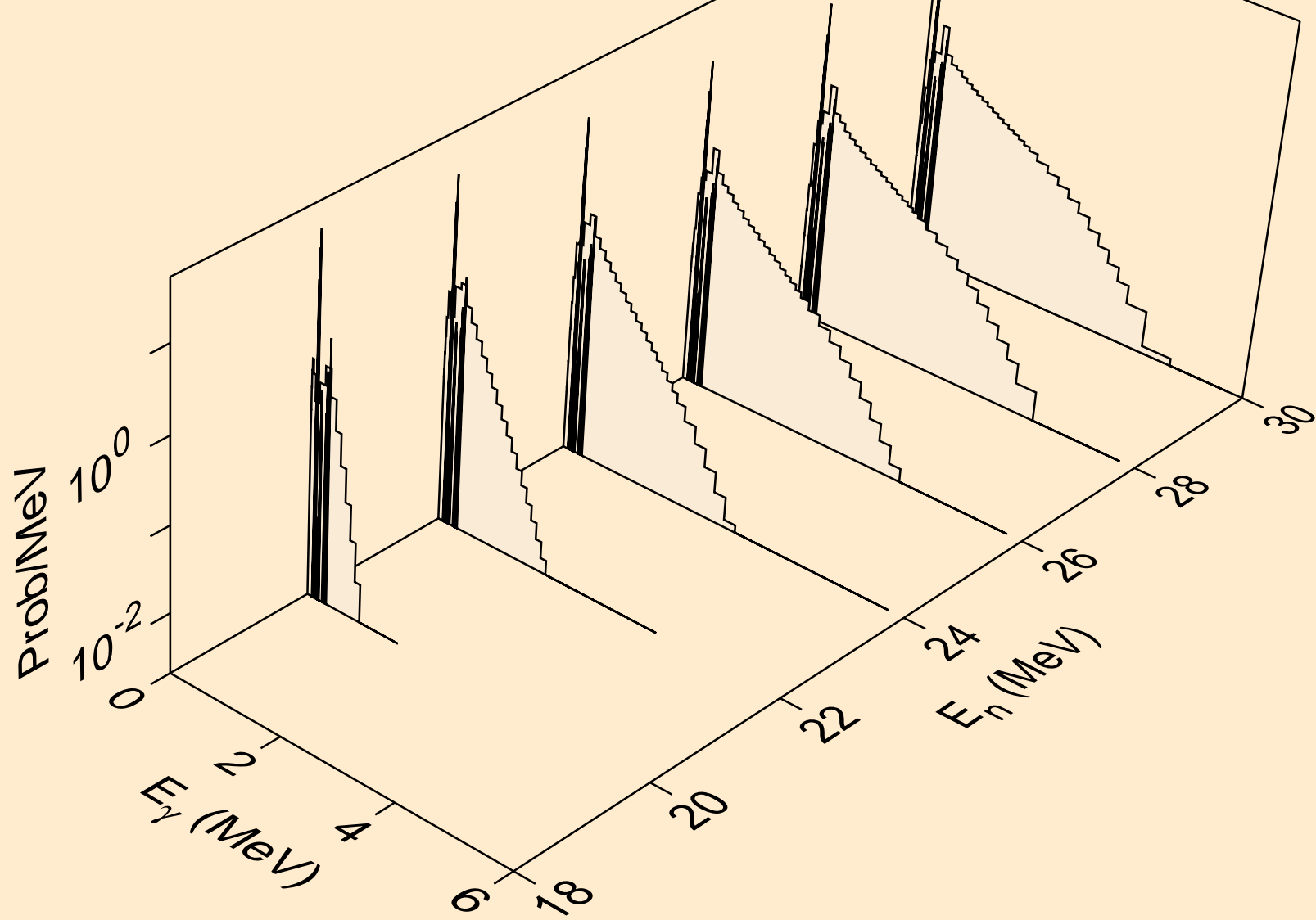
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



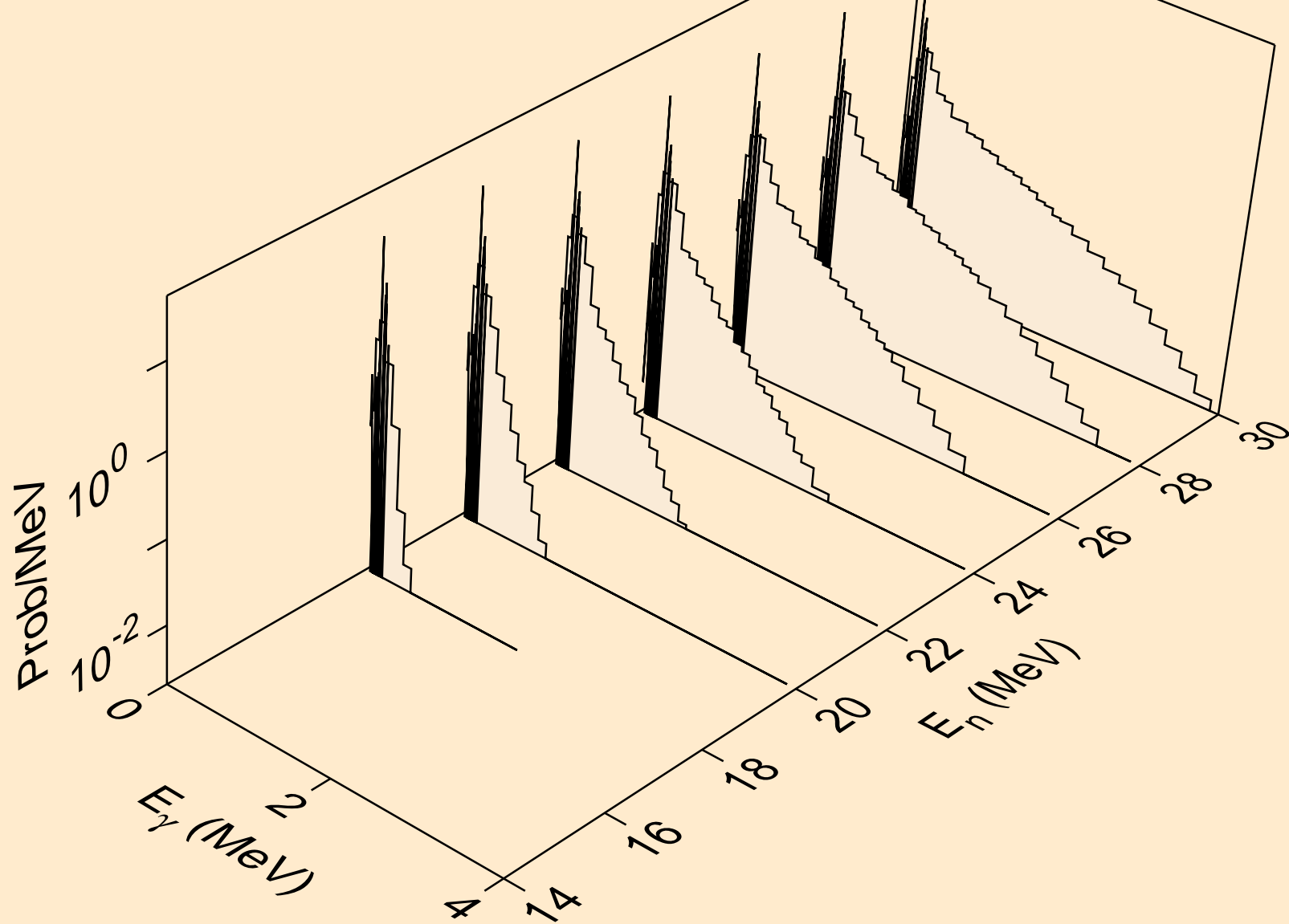
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



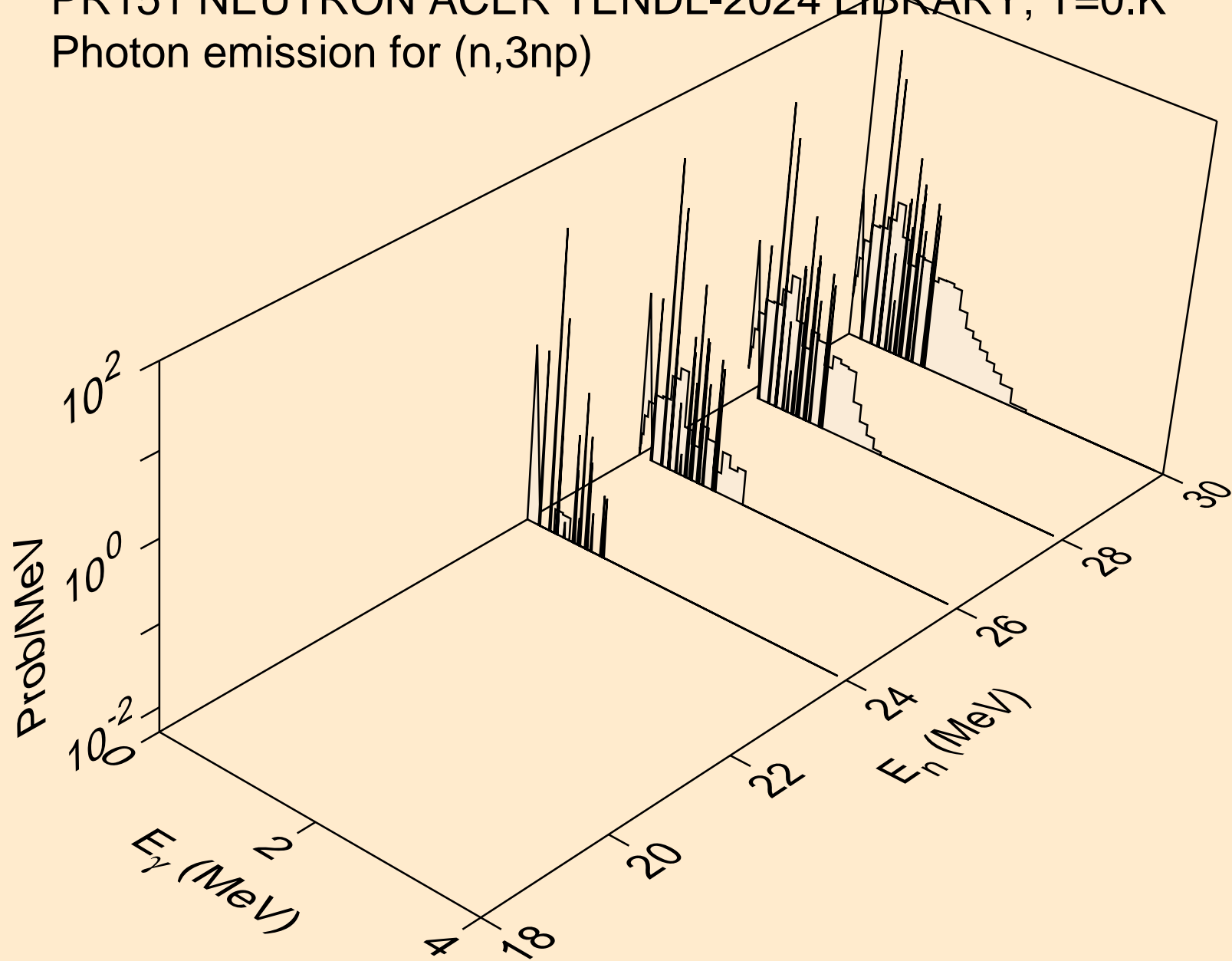
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



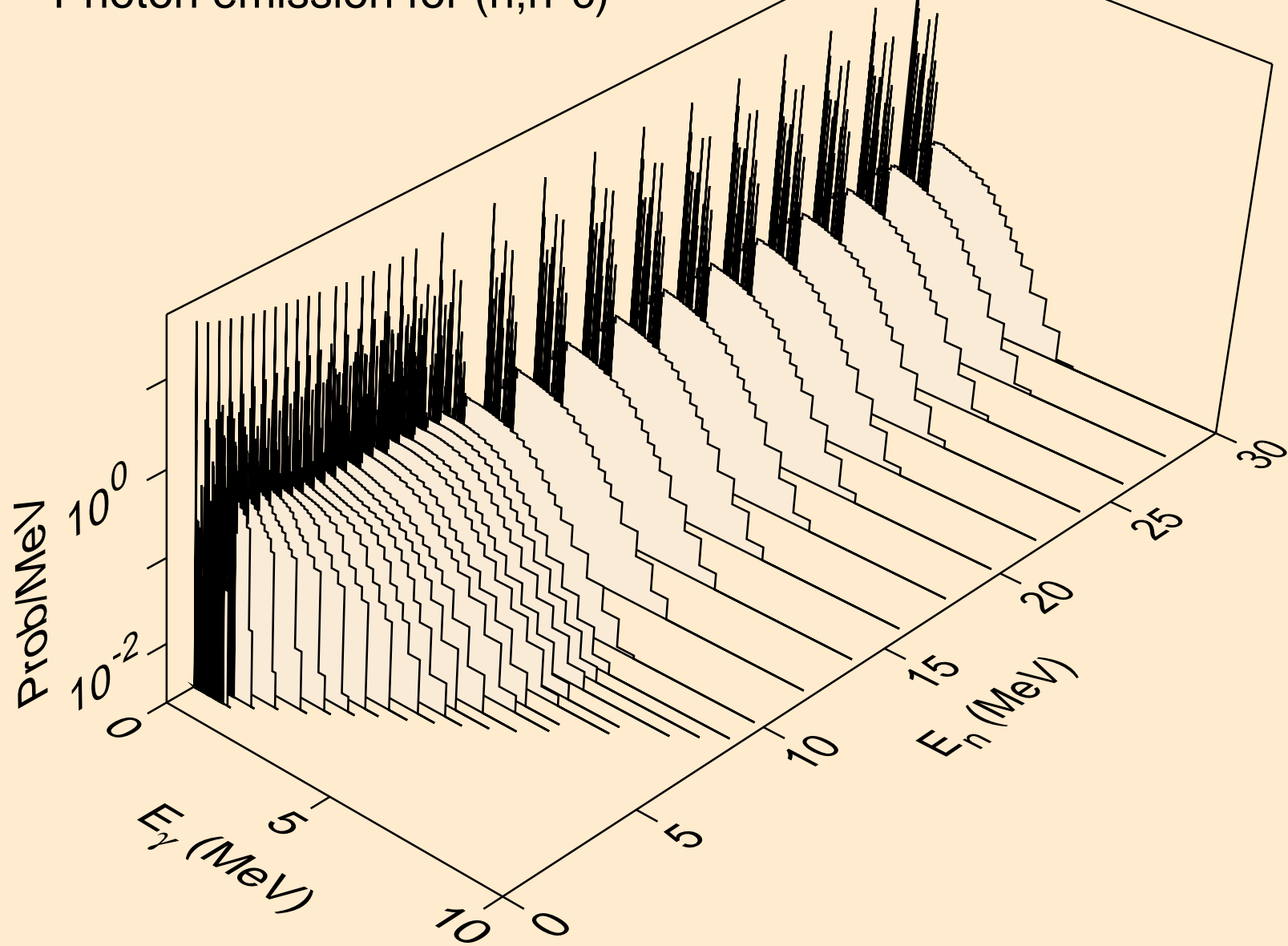
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

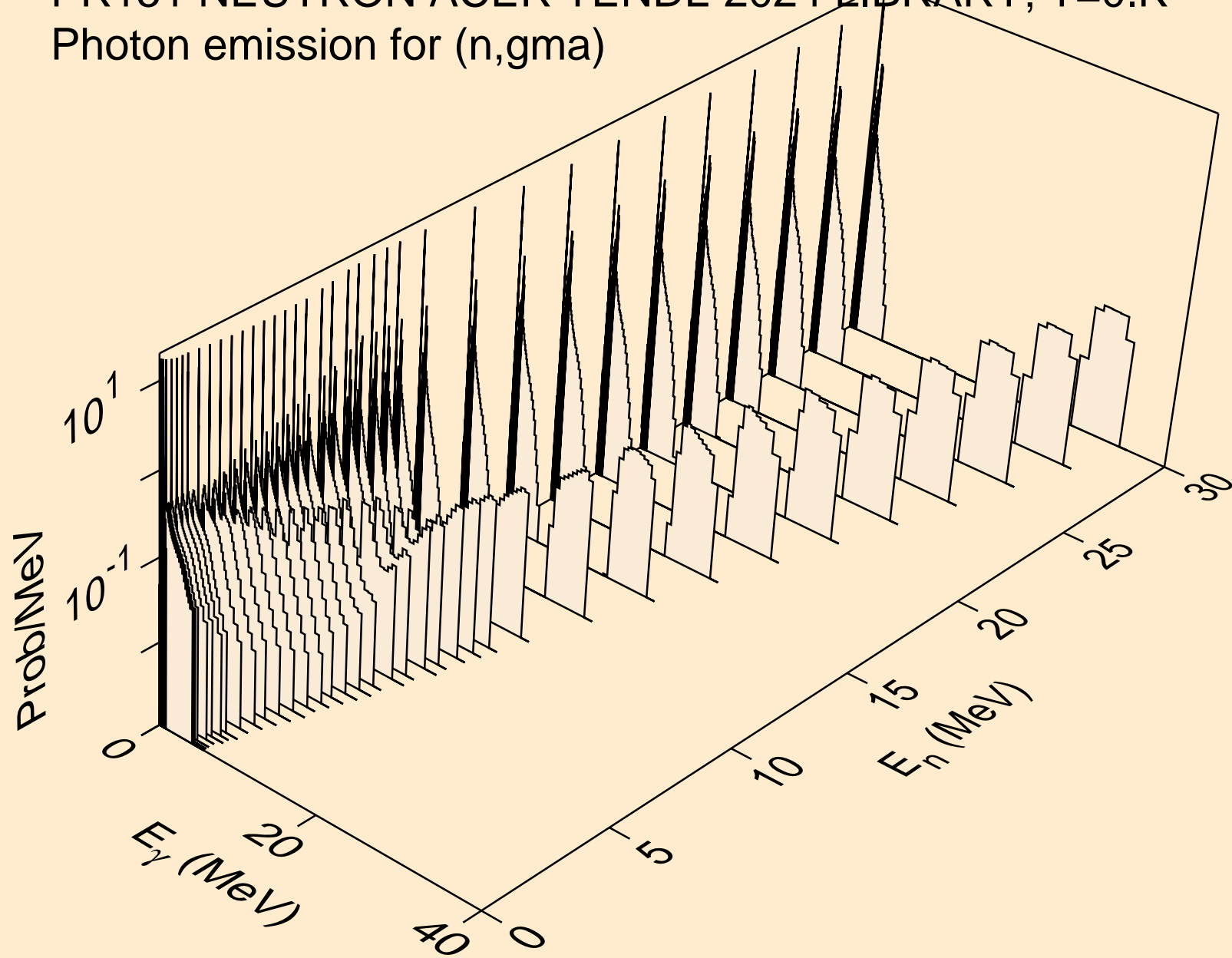


PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

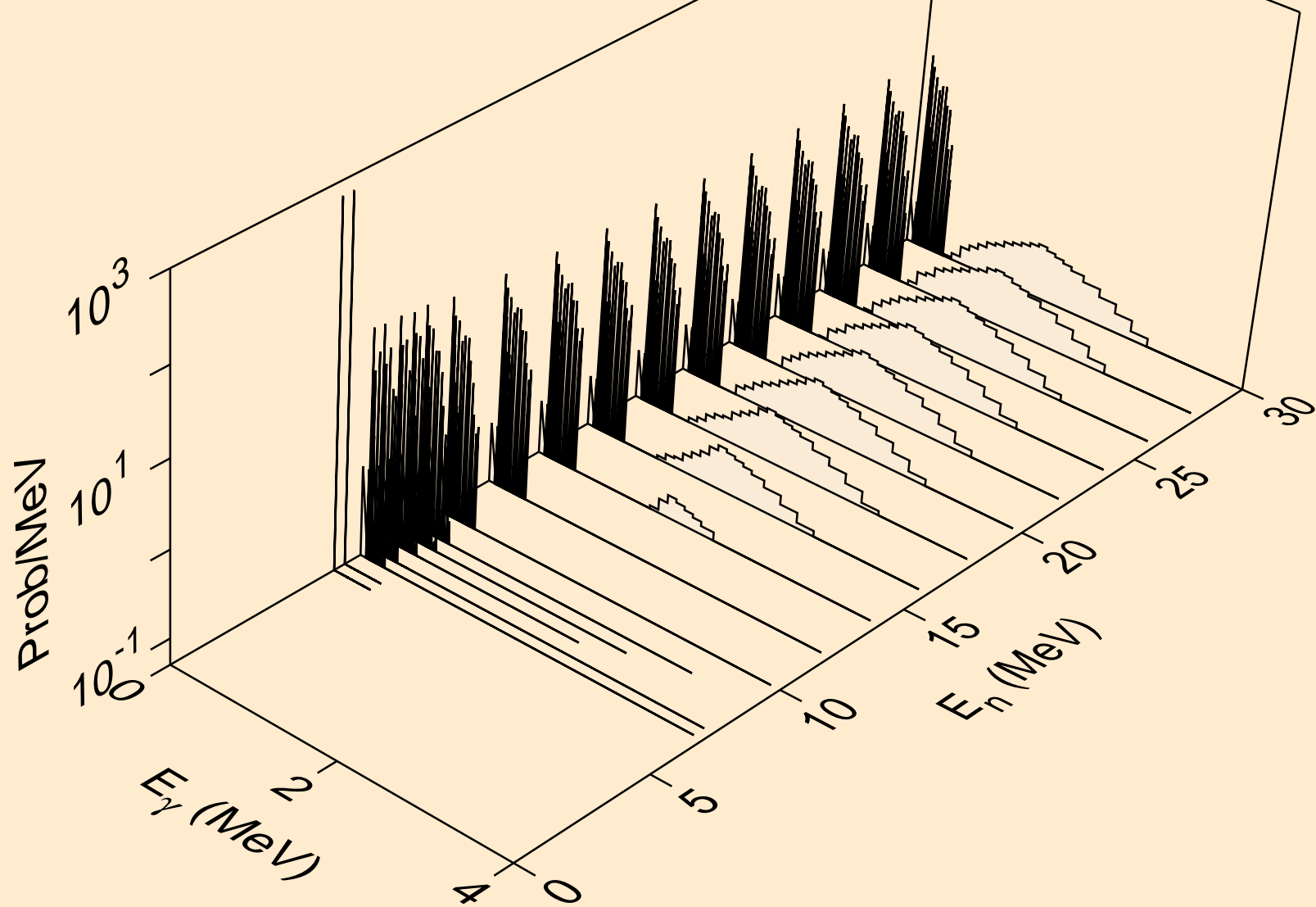




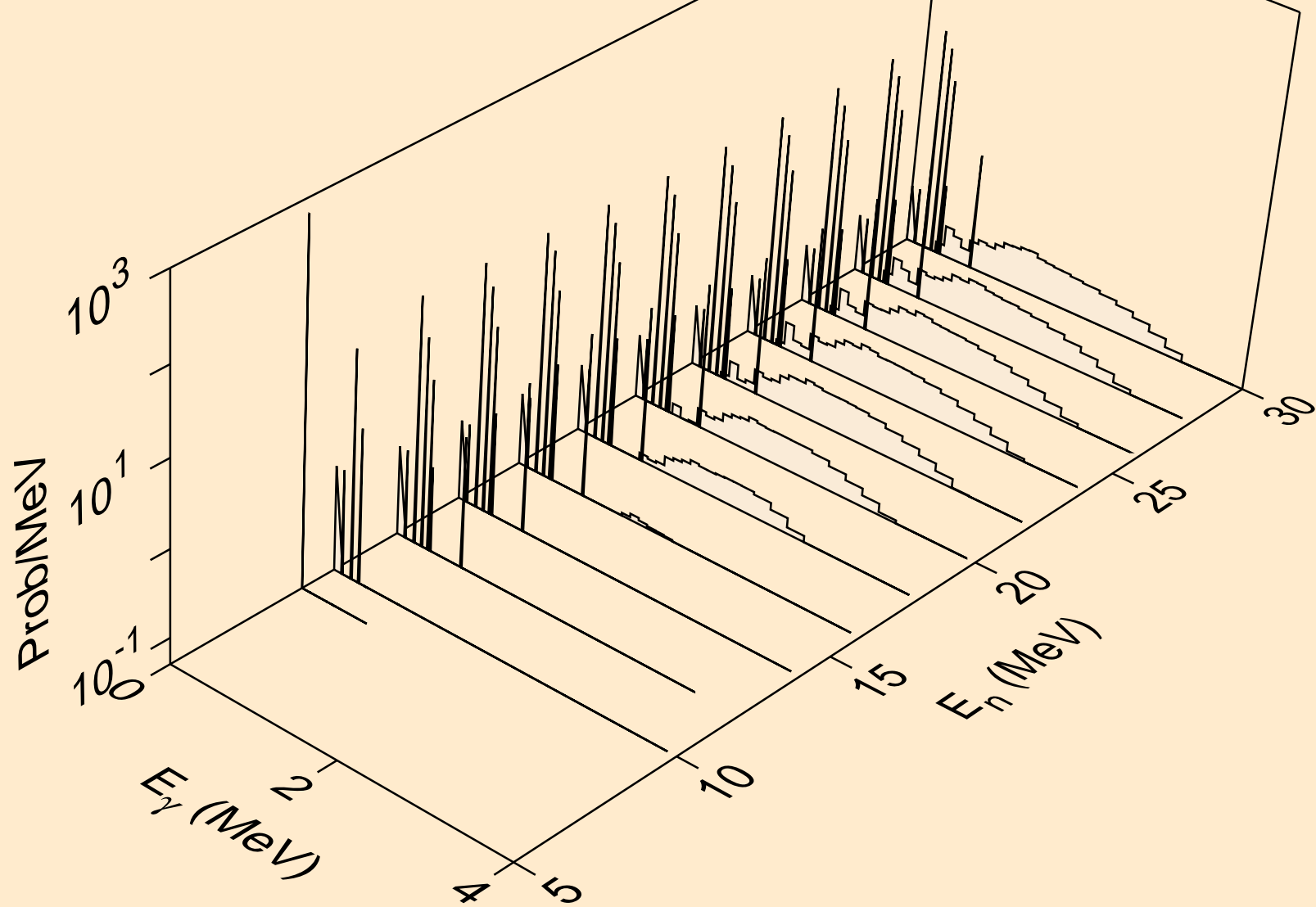
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



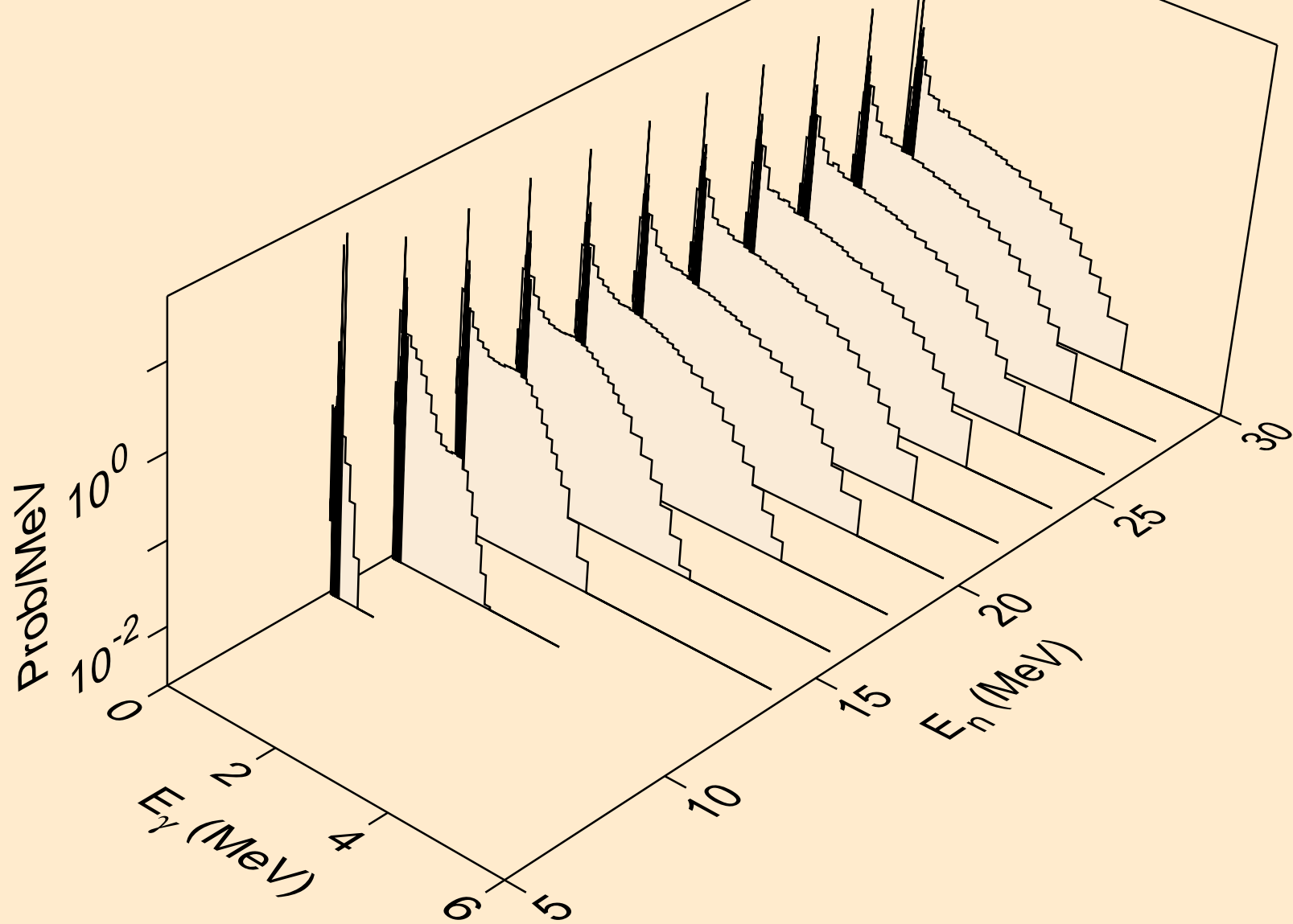
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



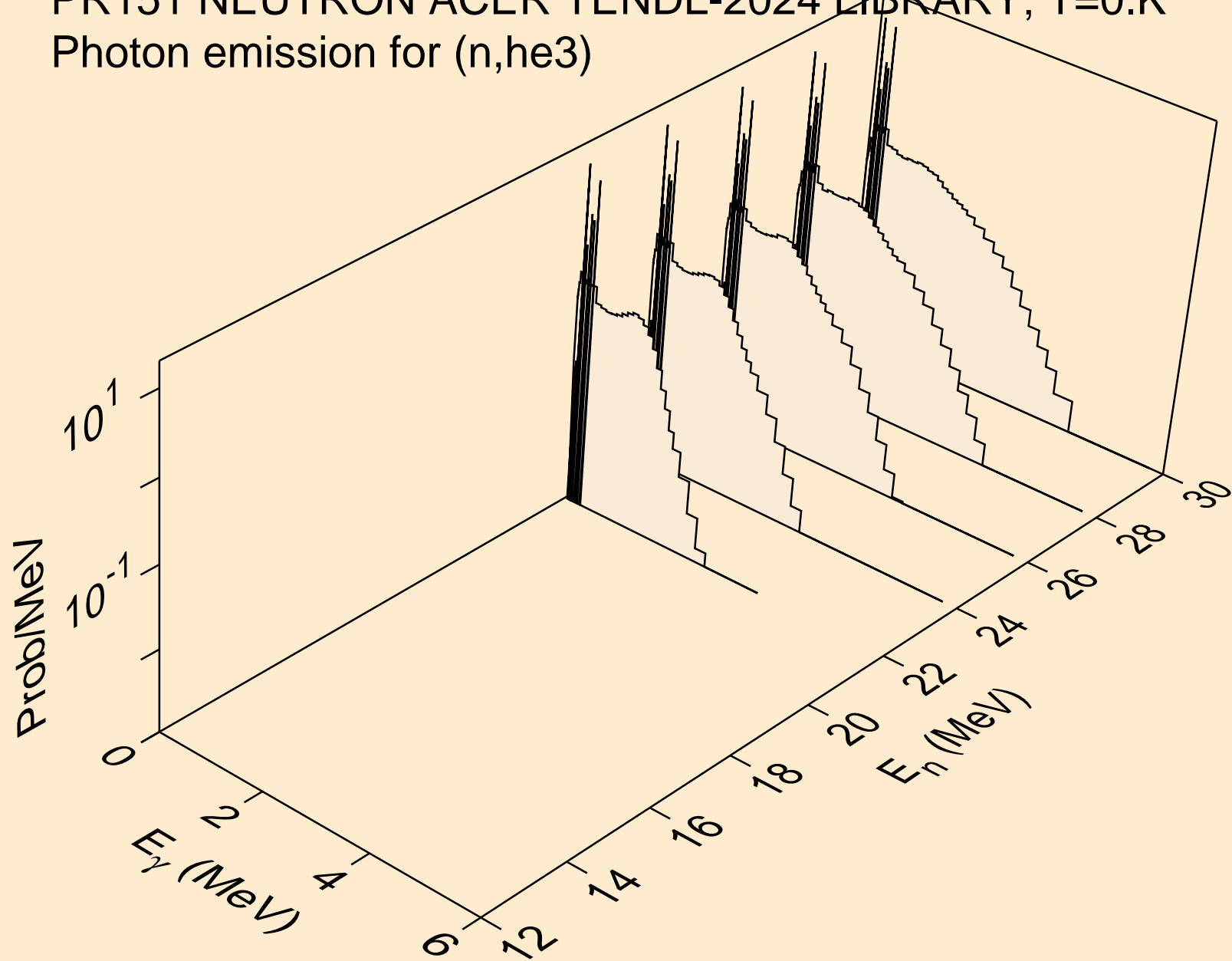
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



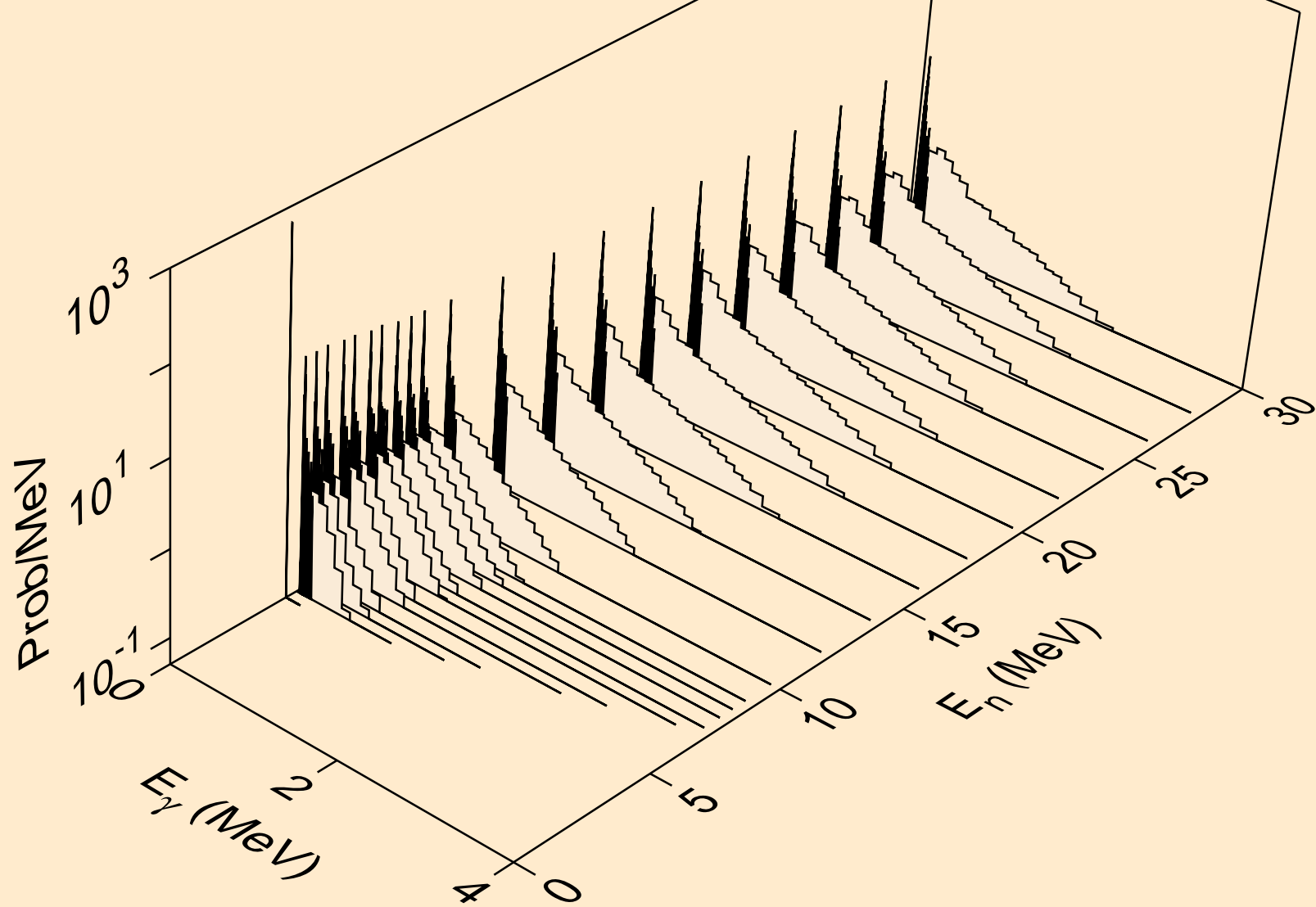
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



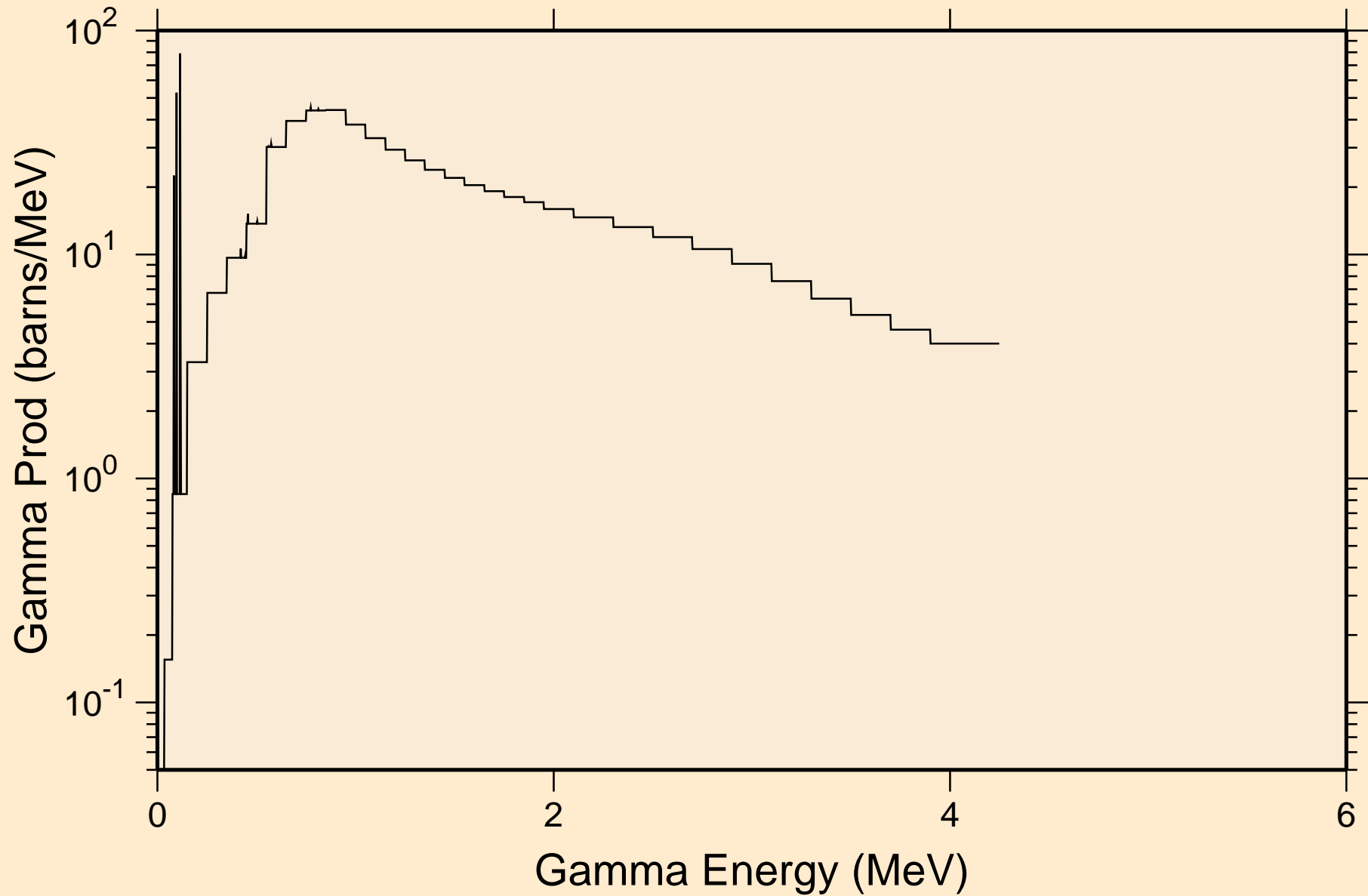
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



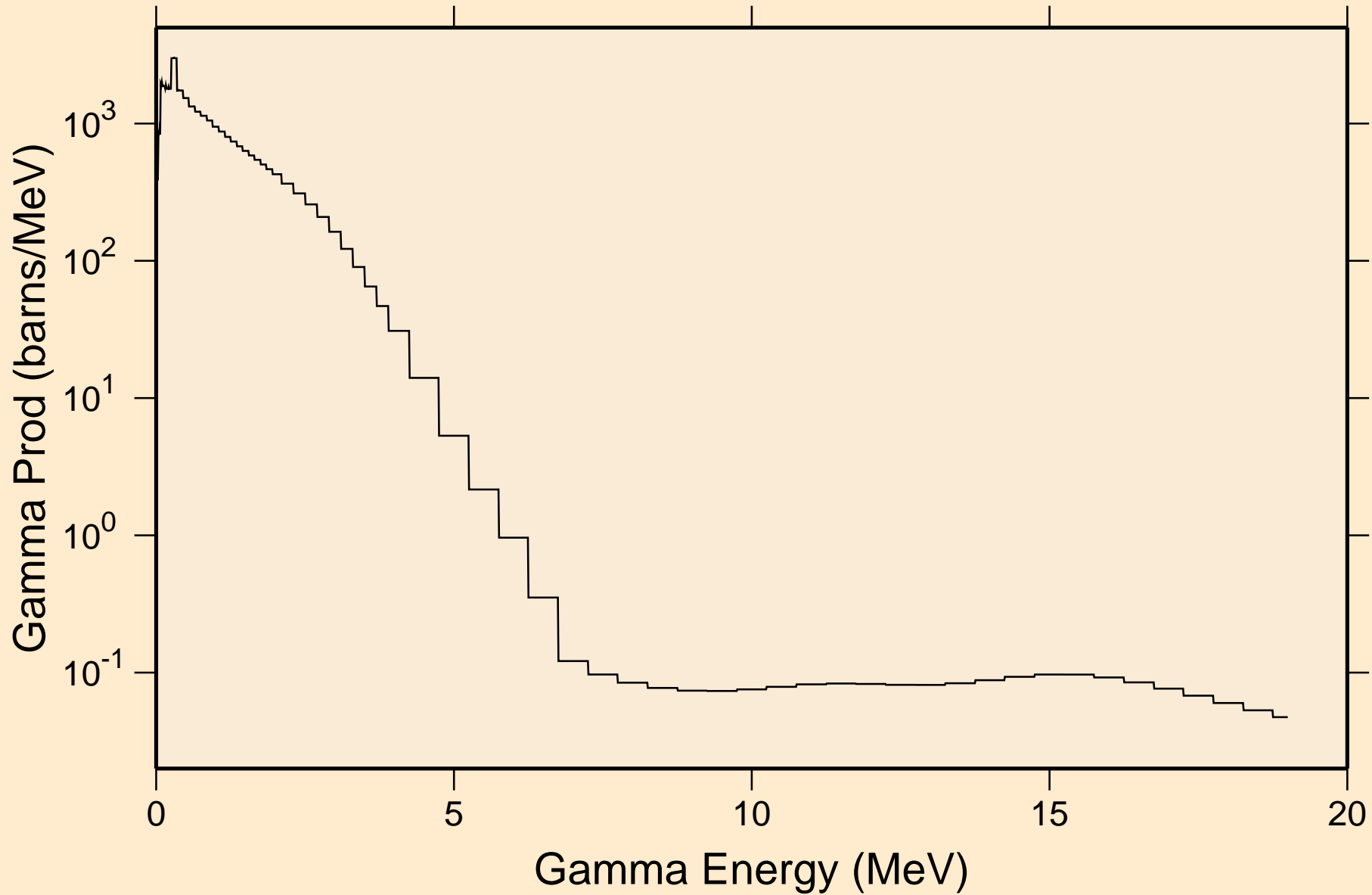
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

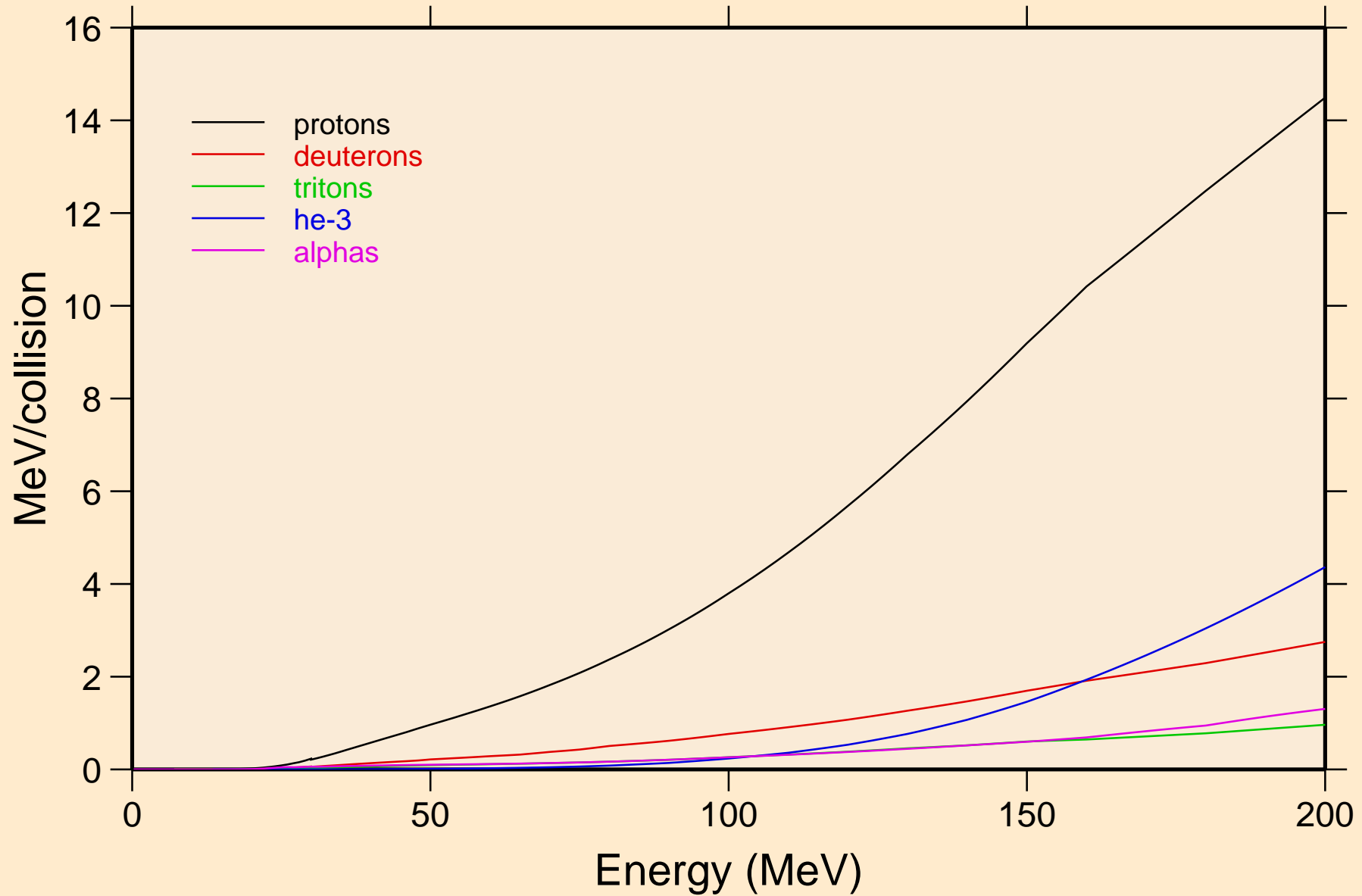


PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

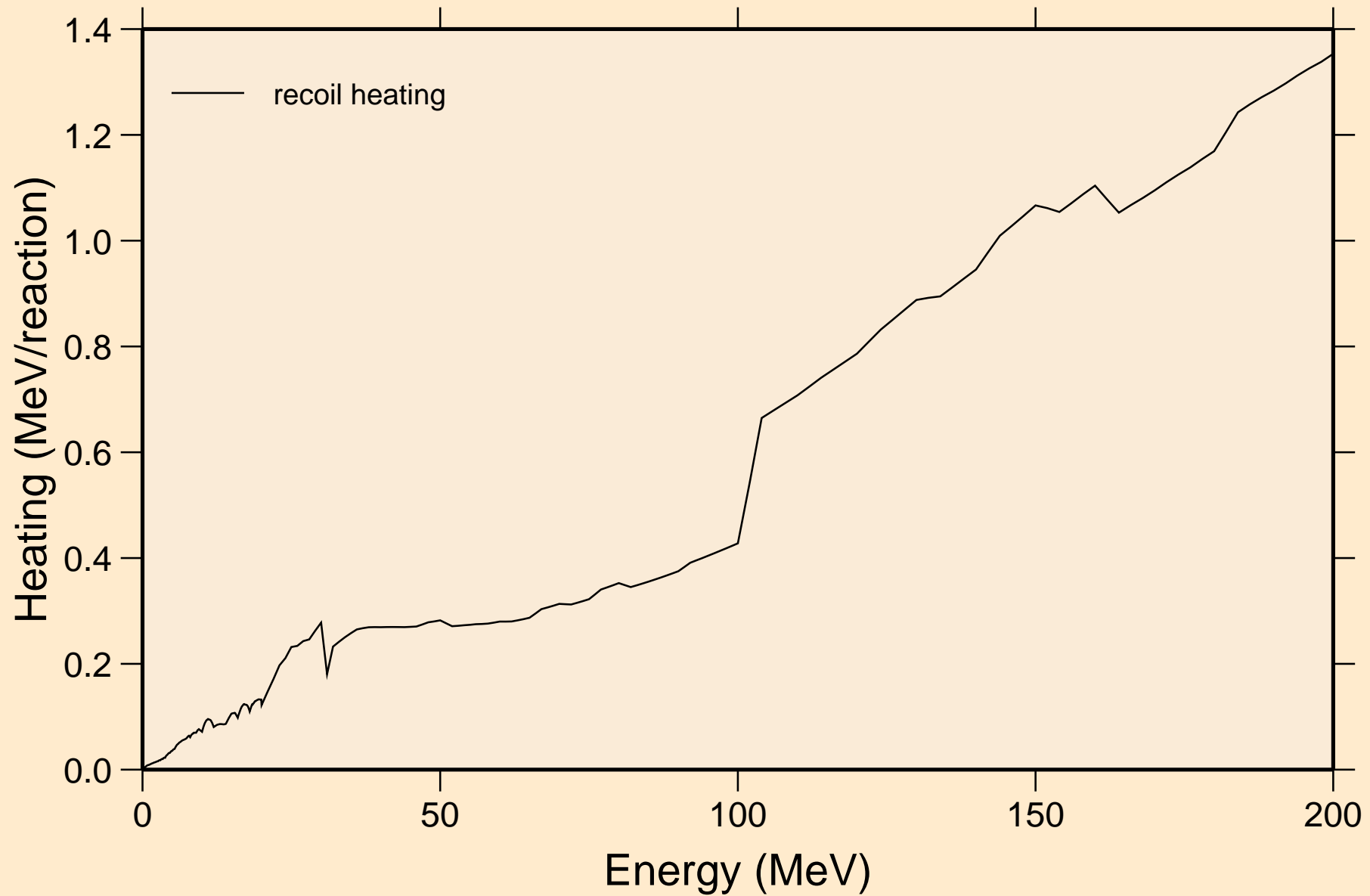




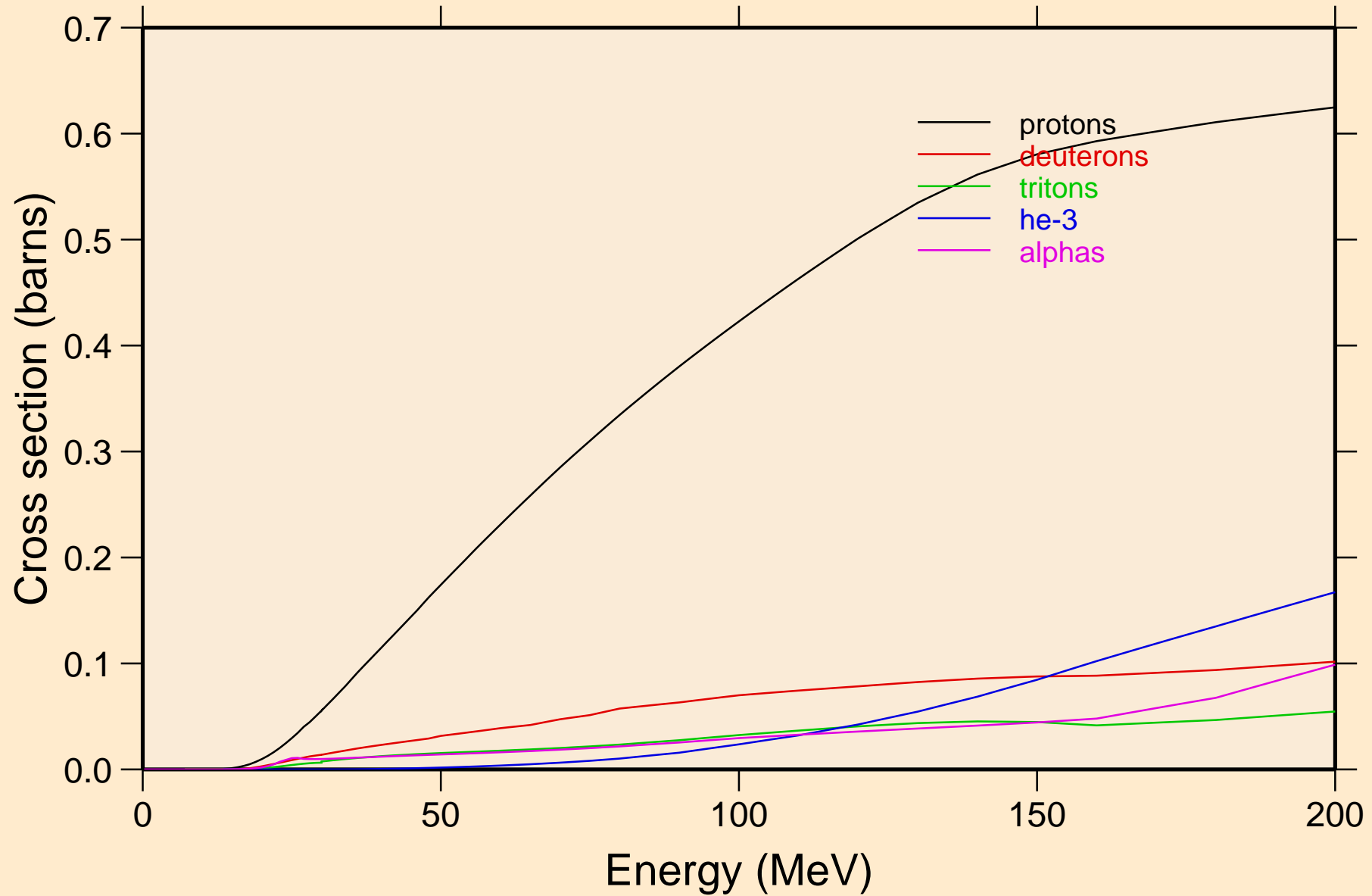
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Particle heating contributions



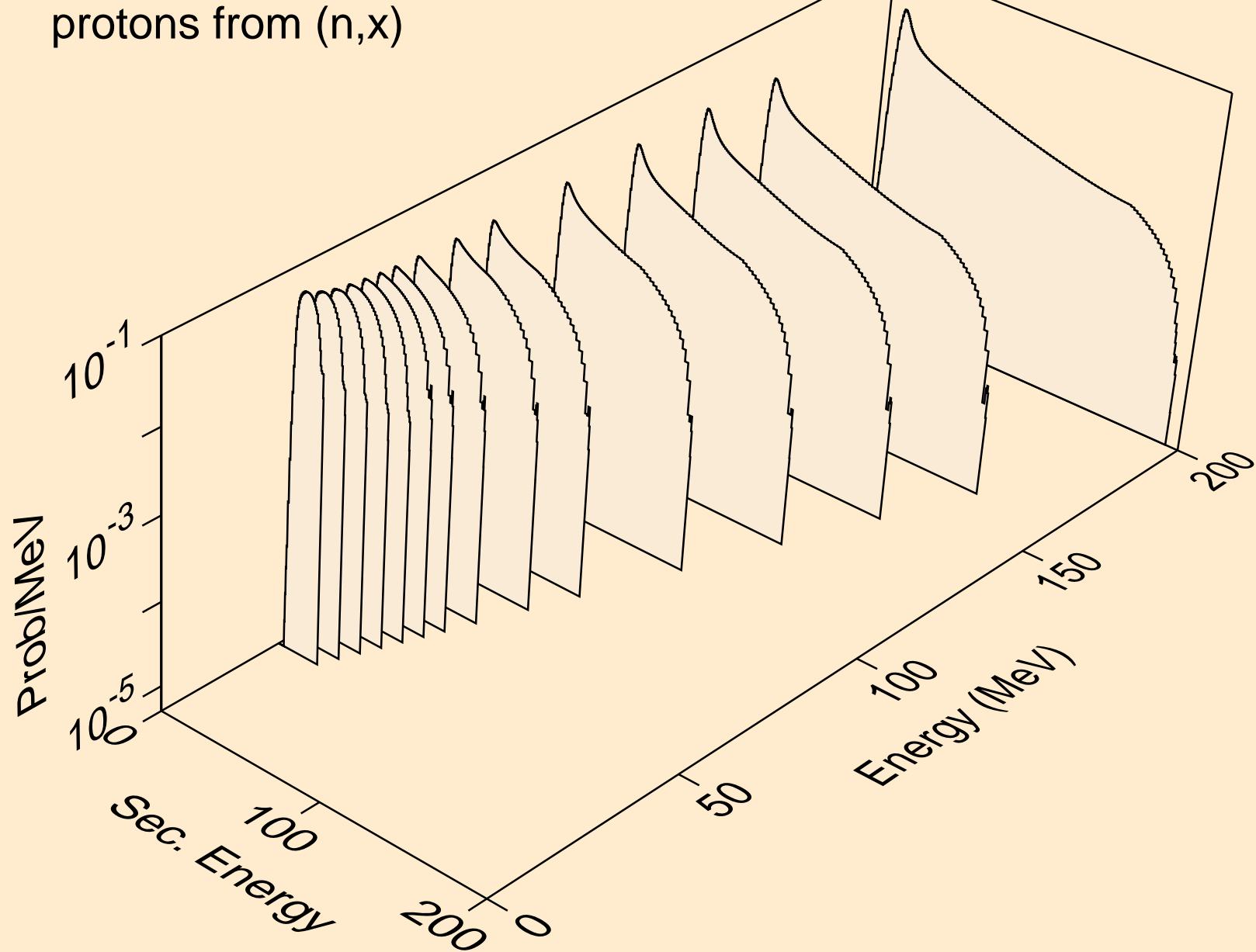
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Recoil Heating



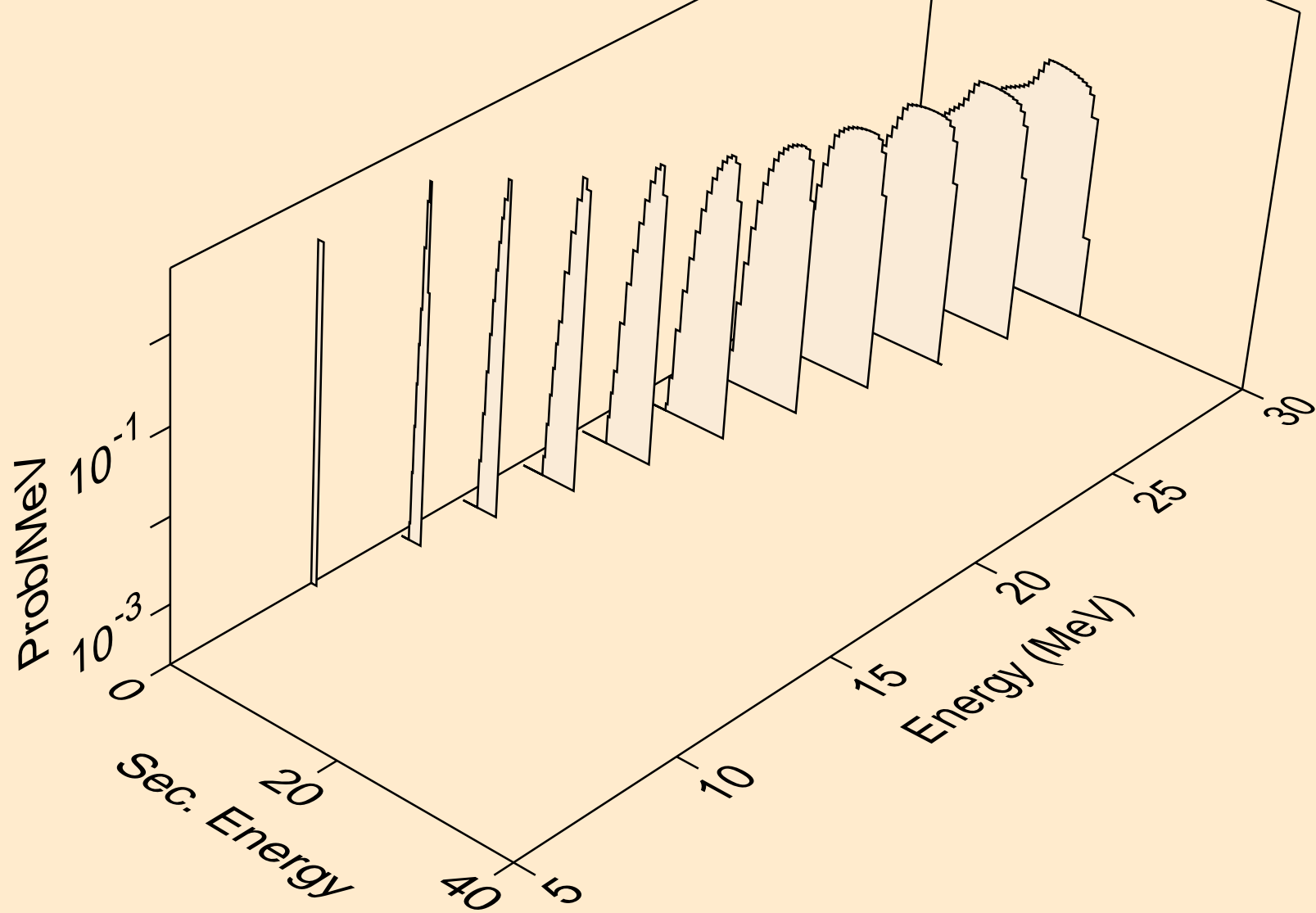
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



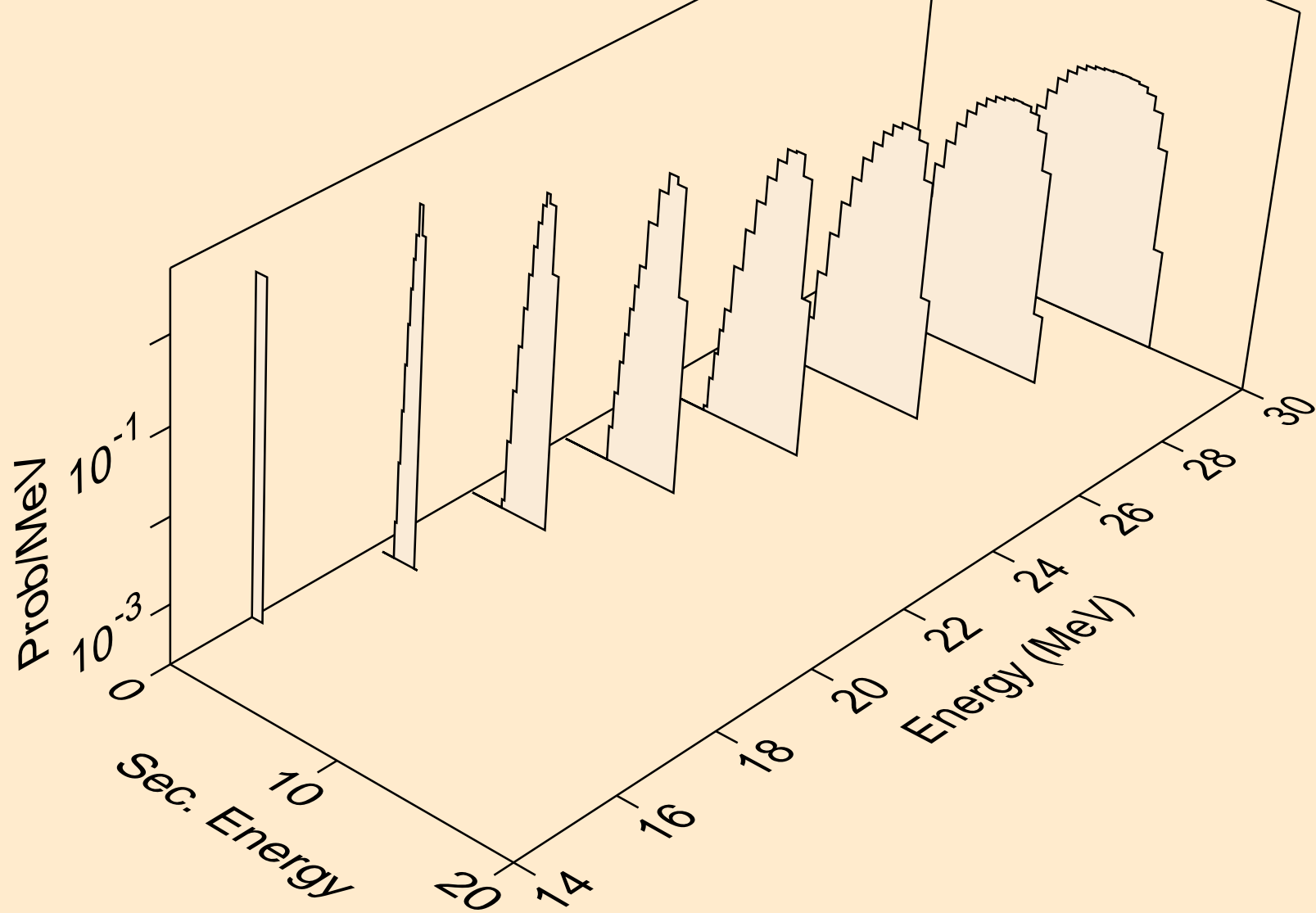
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



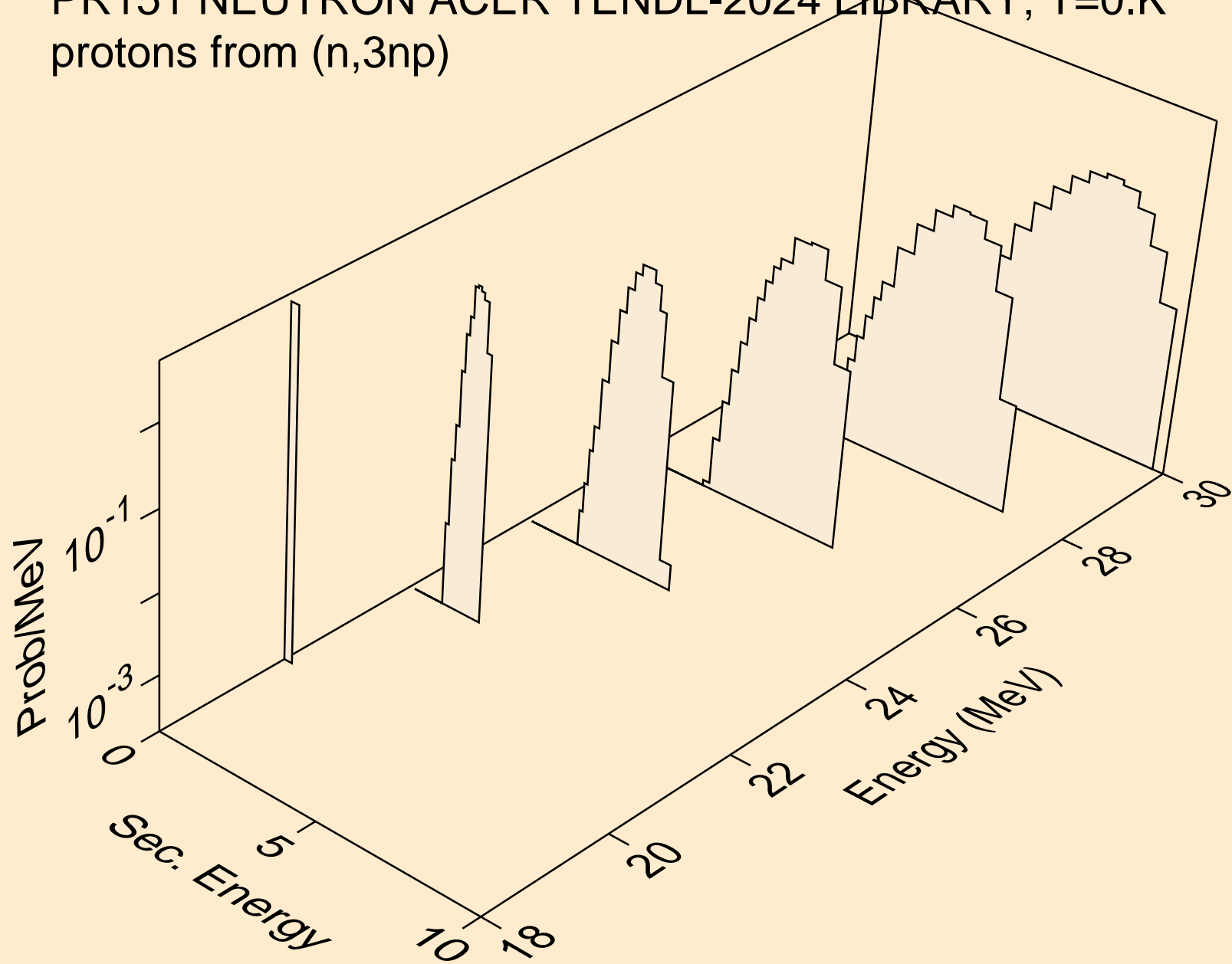
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



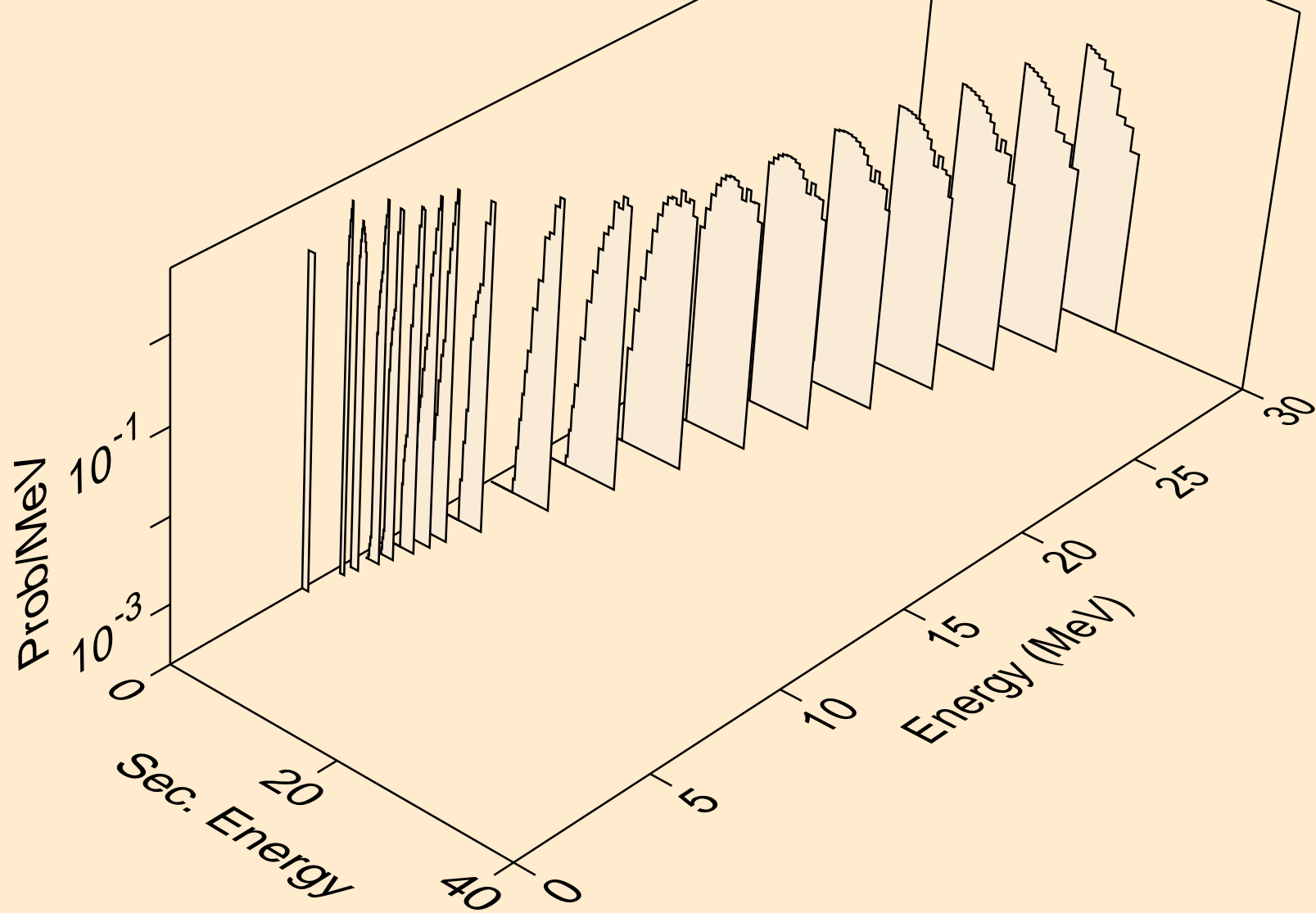
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

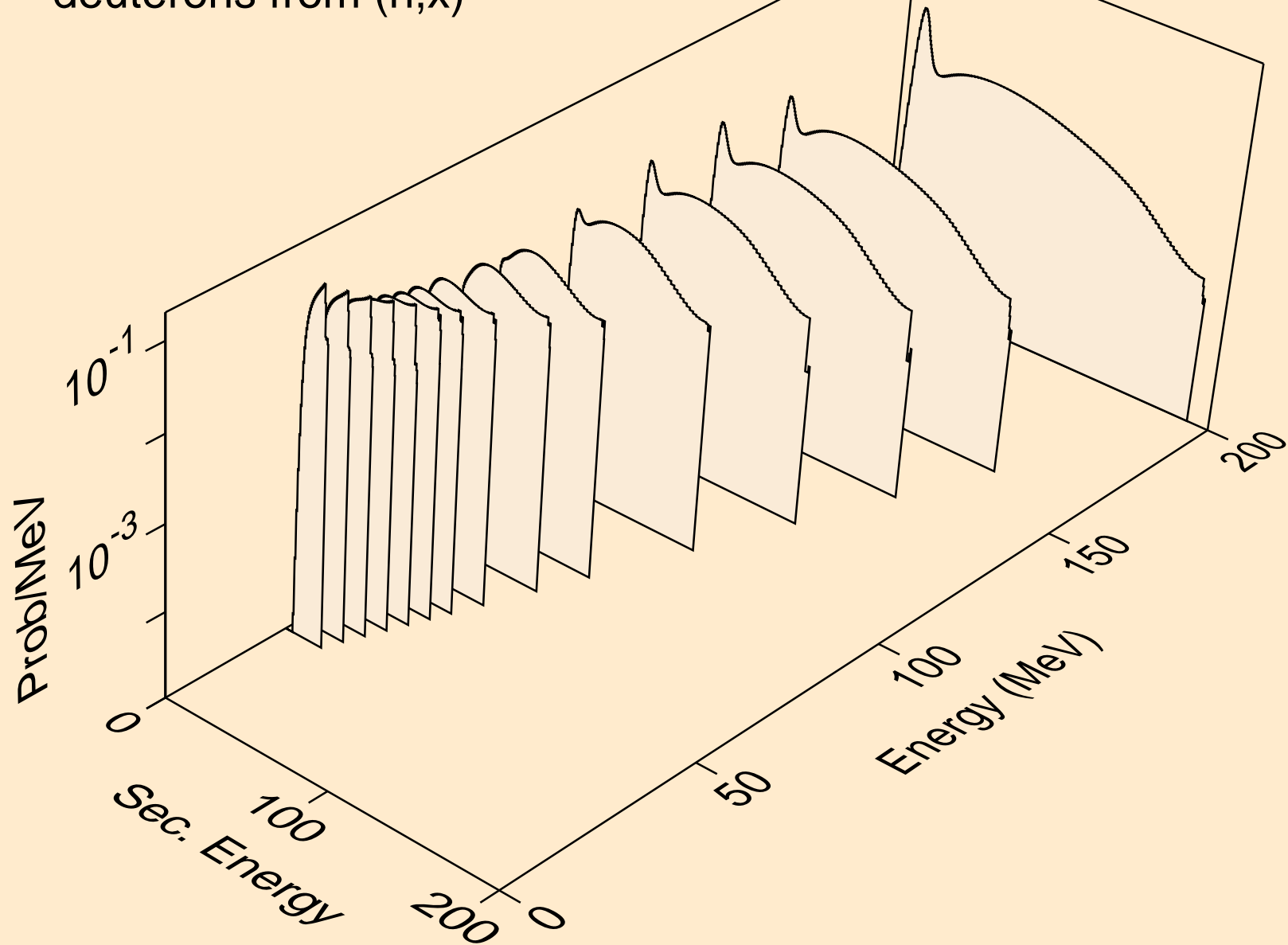


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protons from (n,p)

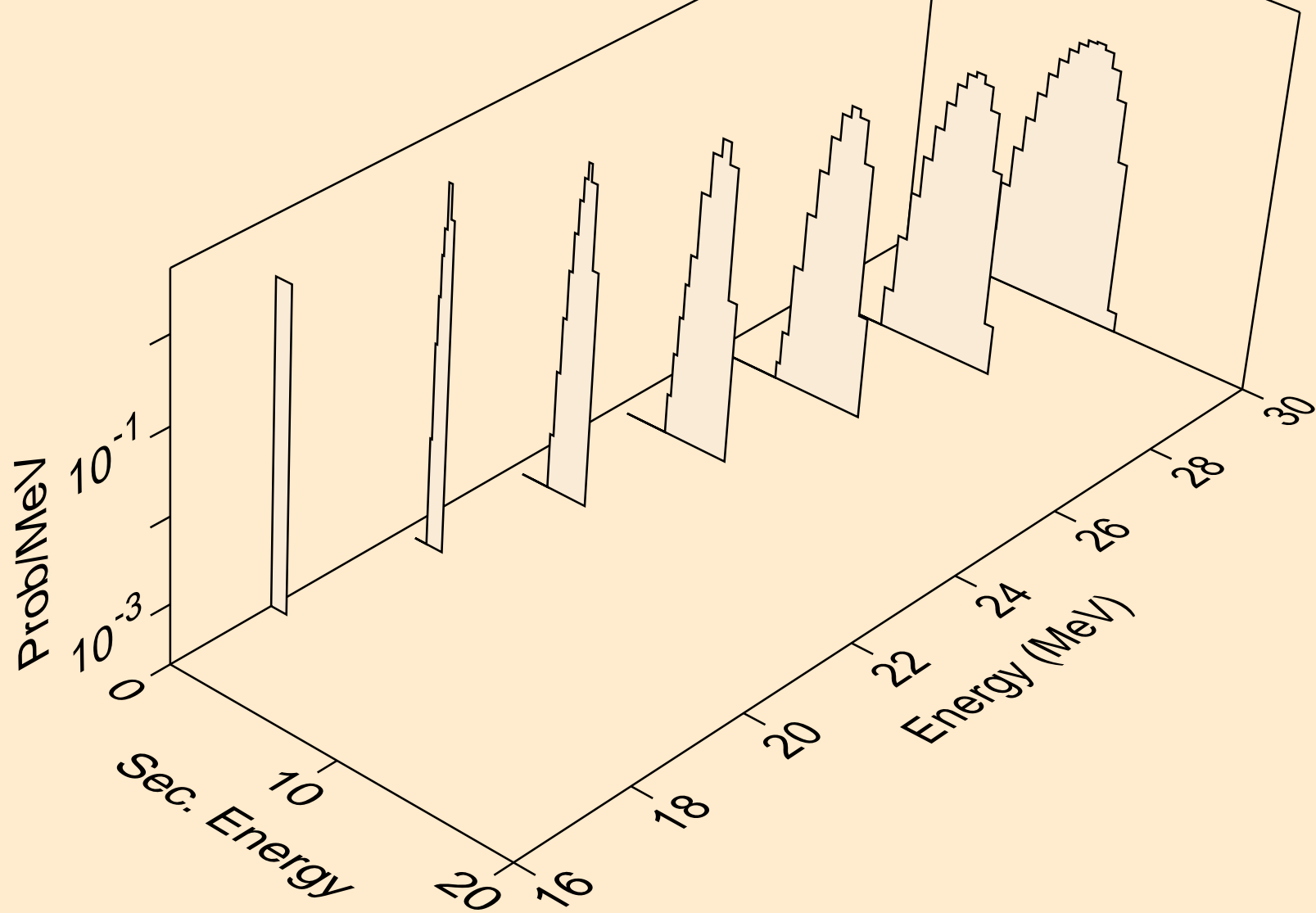




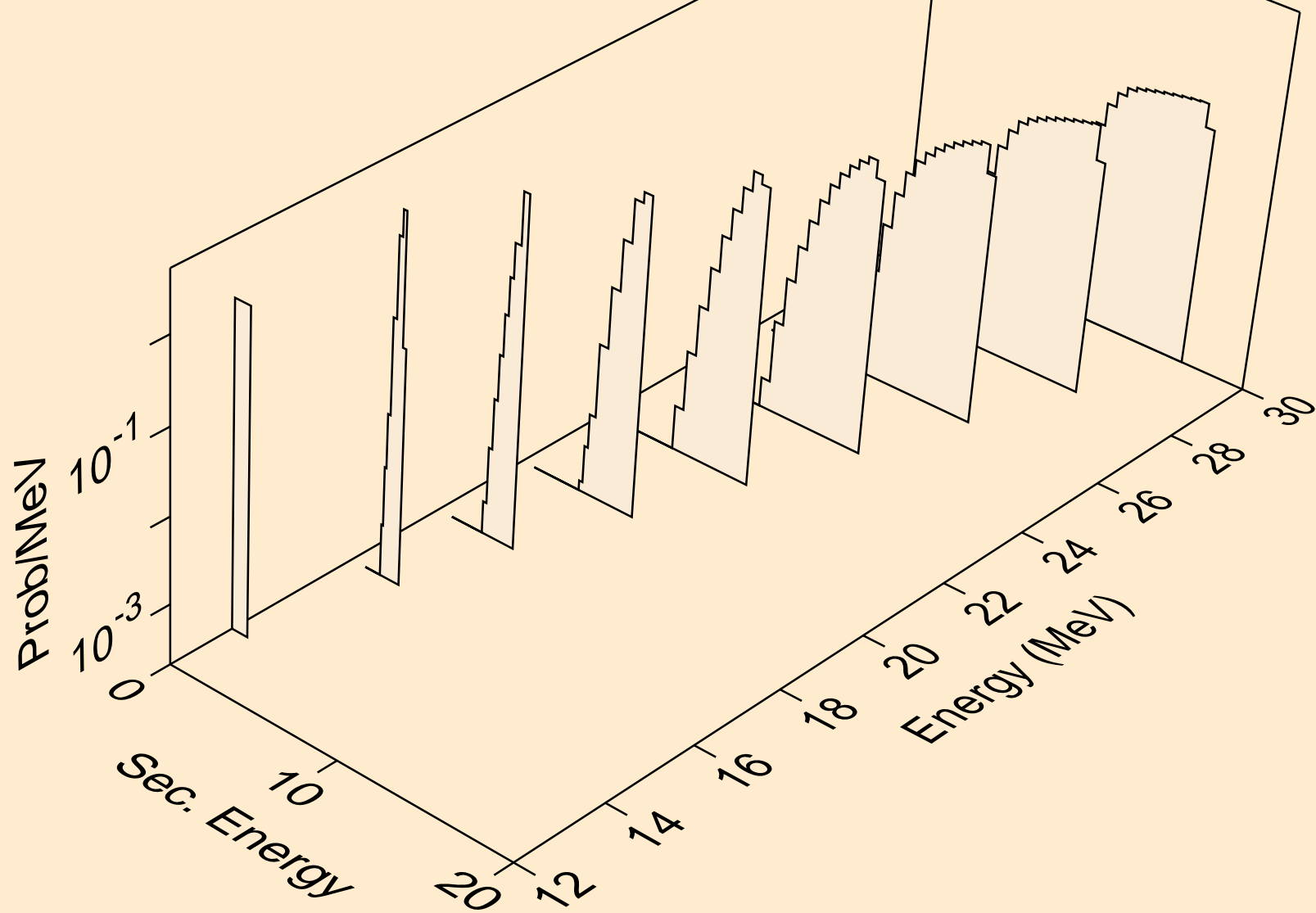
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deuterons from (n,x)



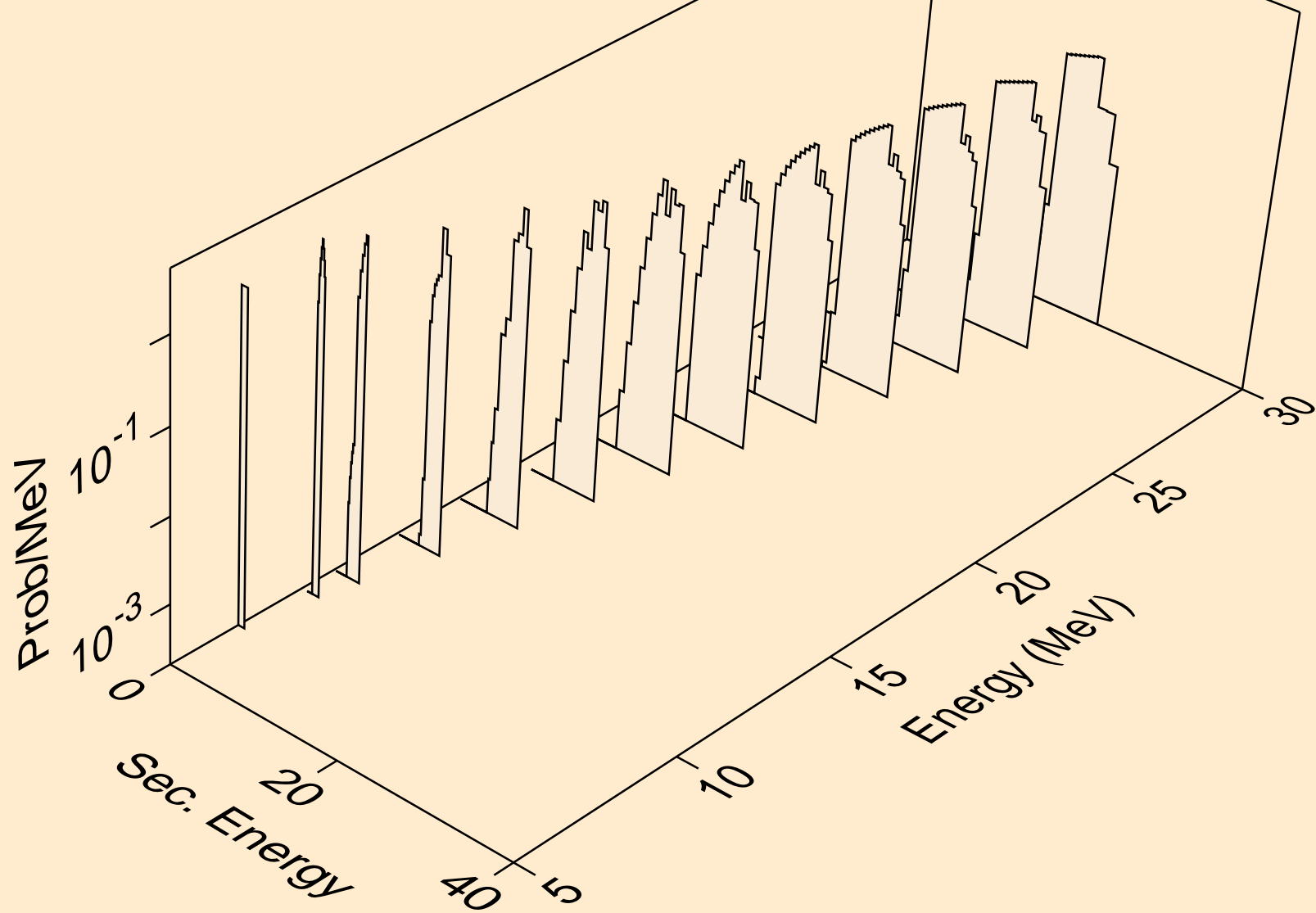
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deuterons from (n,2nd)



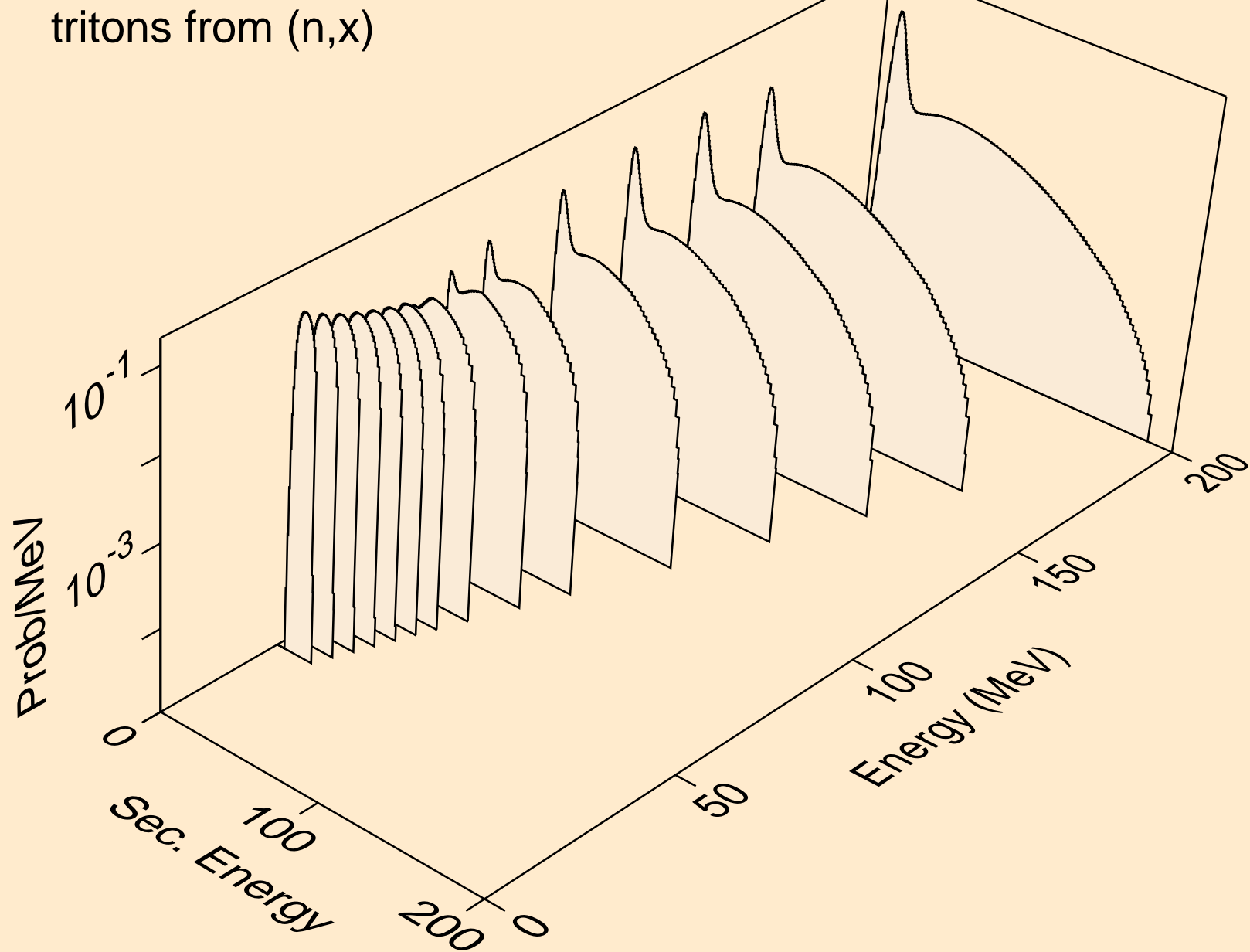
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deuterons from (n,n\*)d



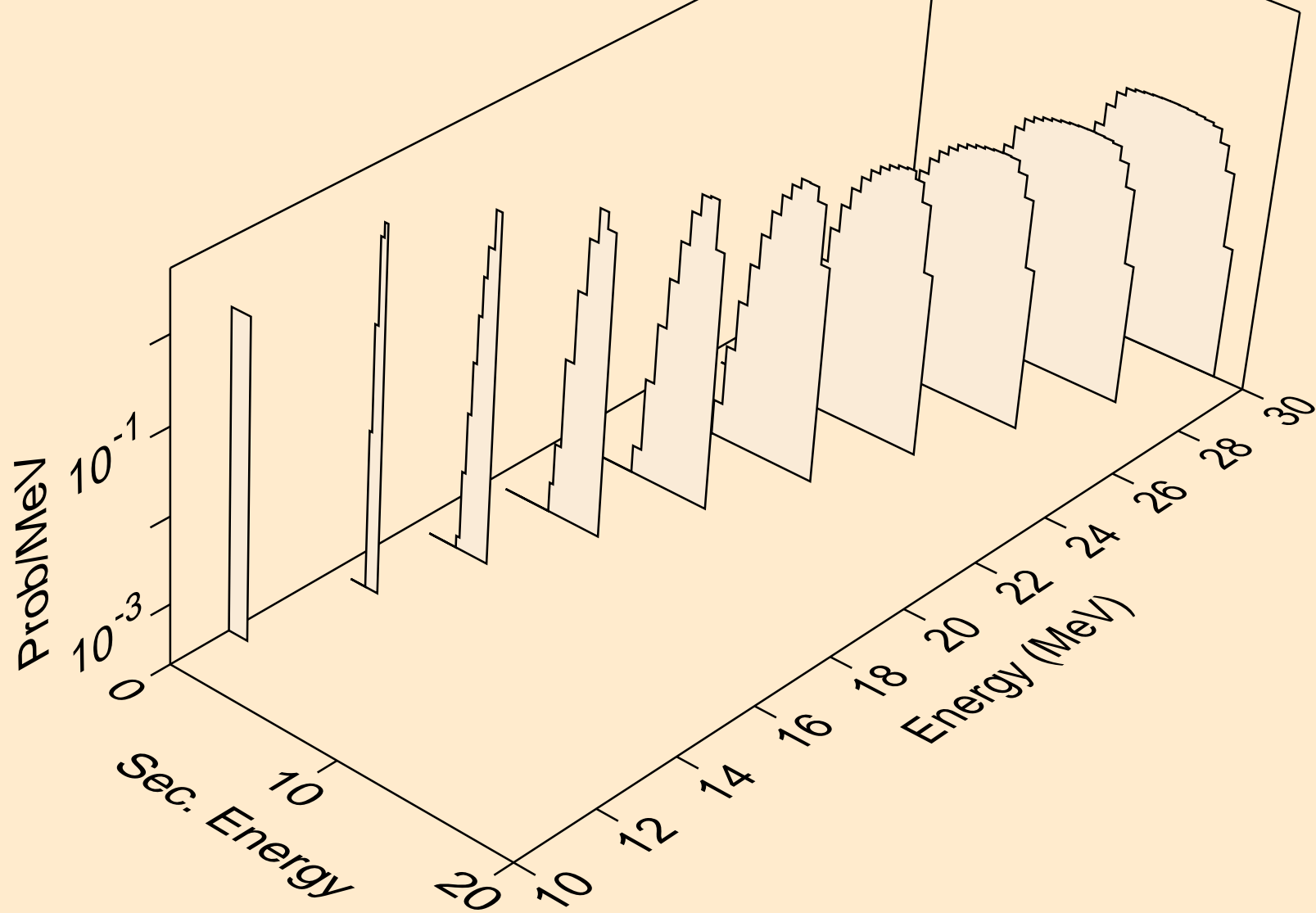
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deuterons from (n,d)



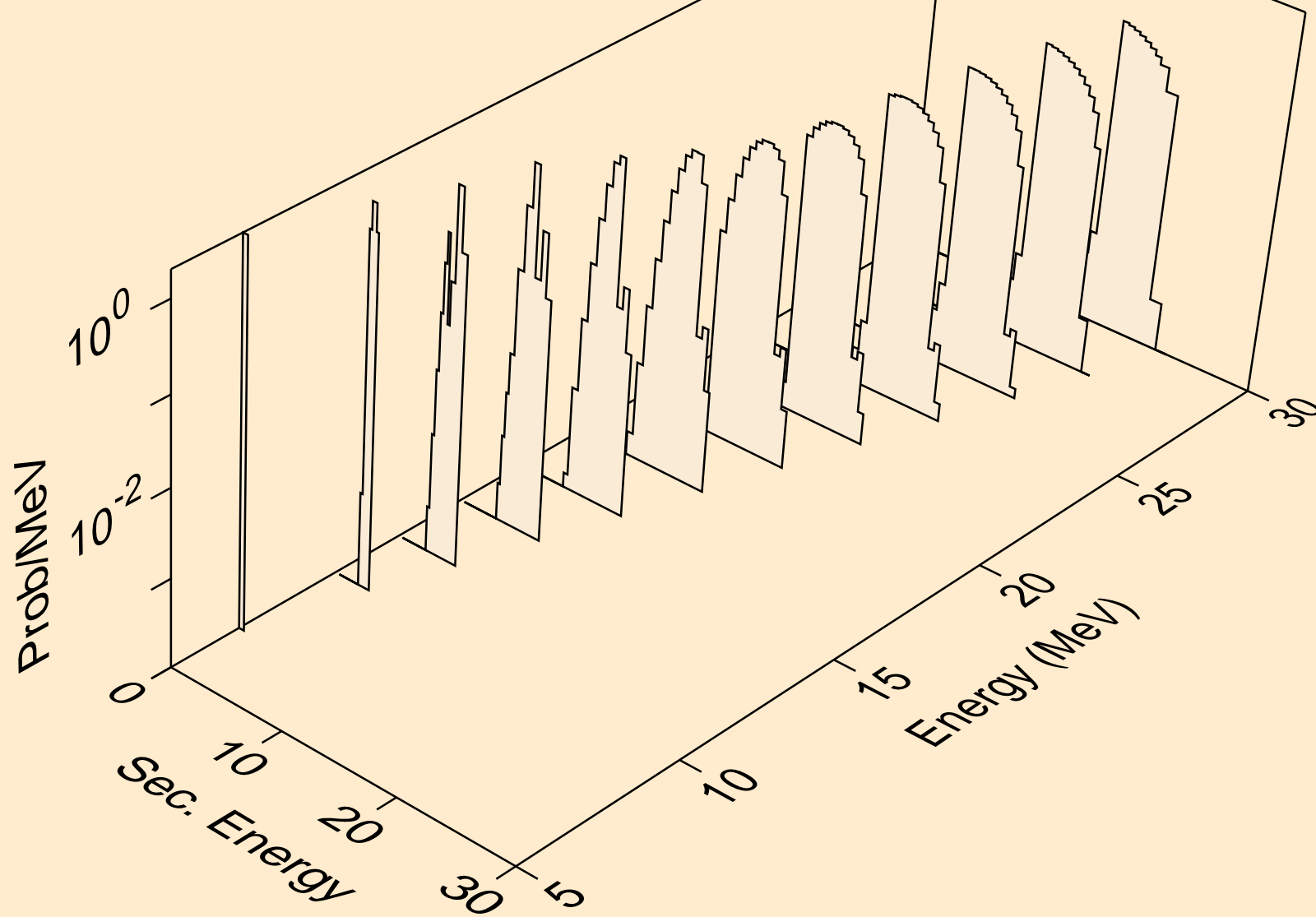
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tritons from (n,x)



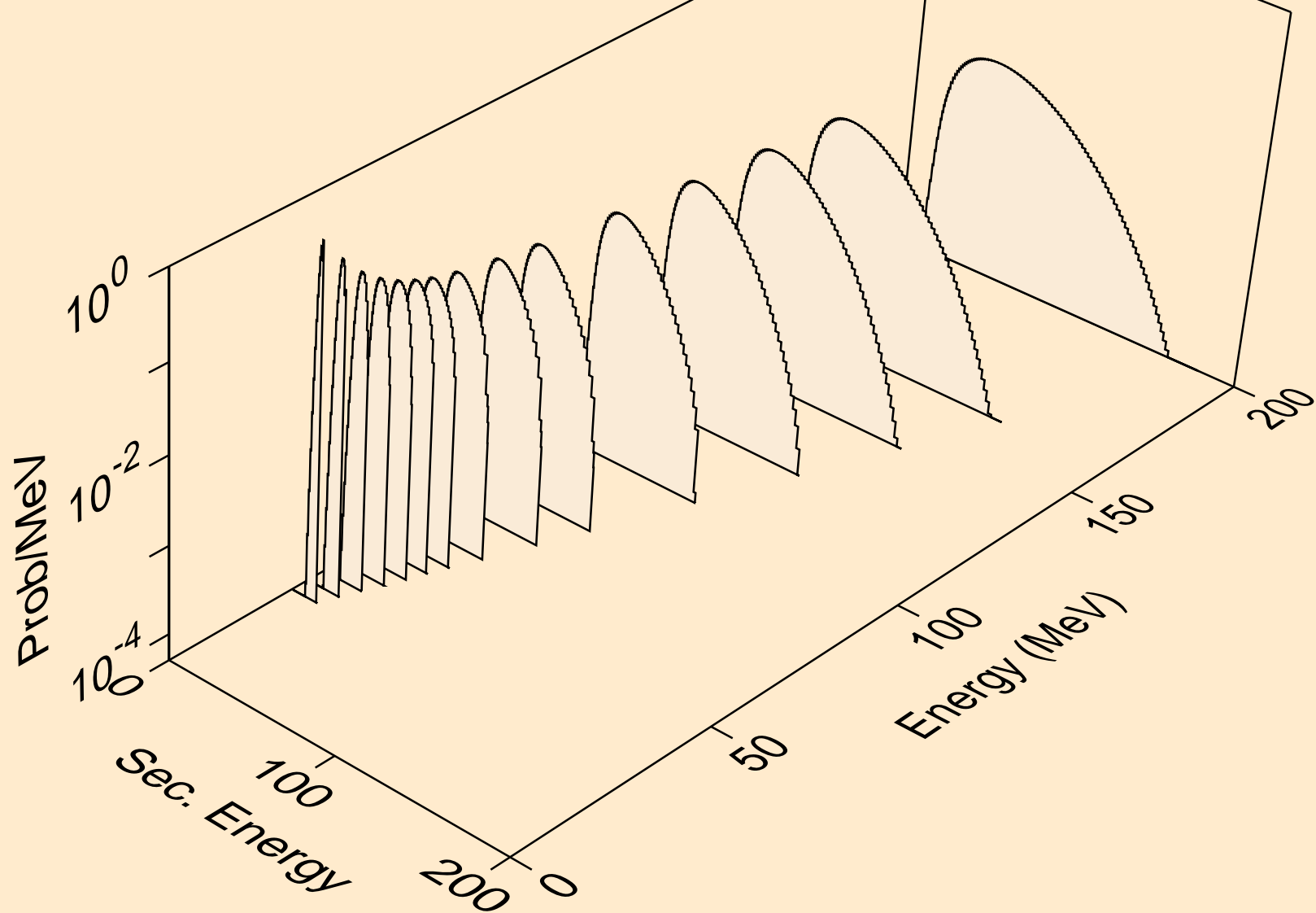
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

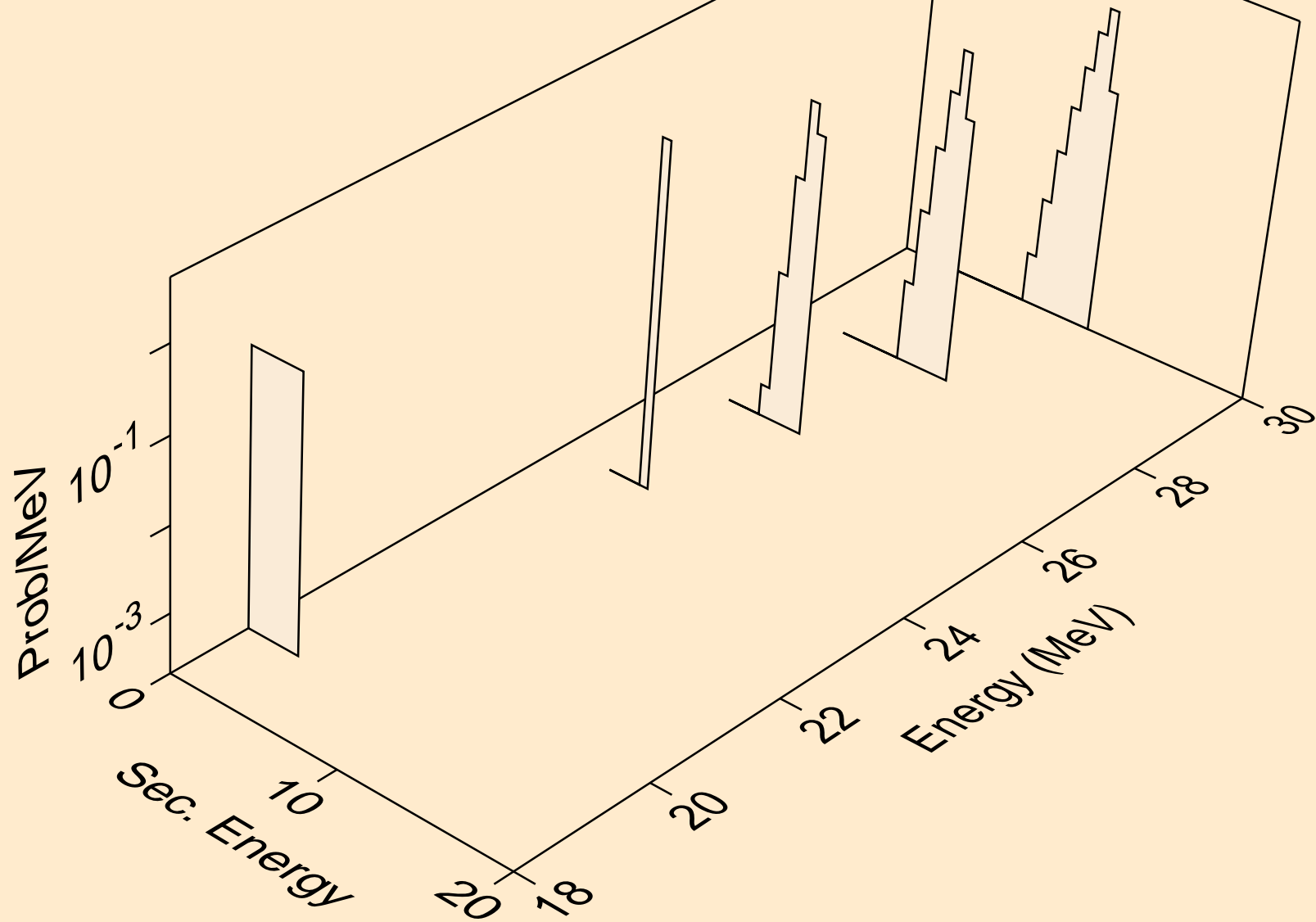


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he3s from (n,x)

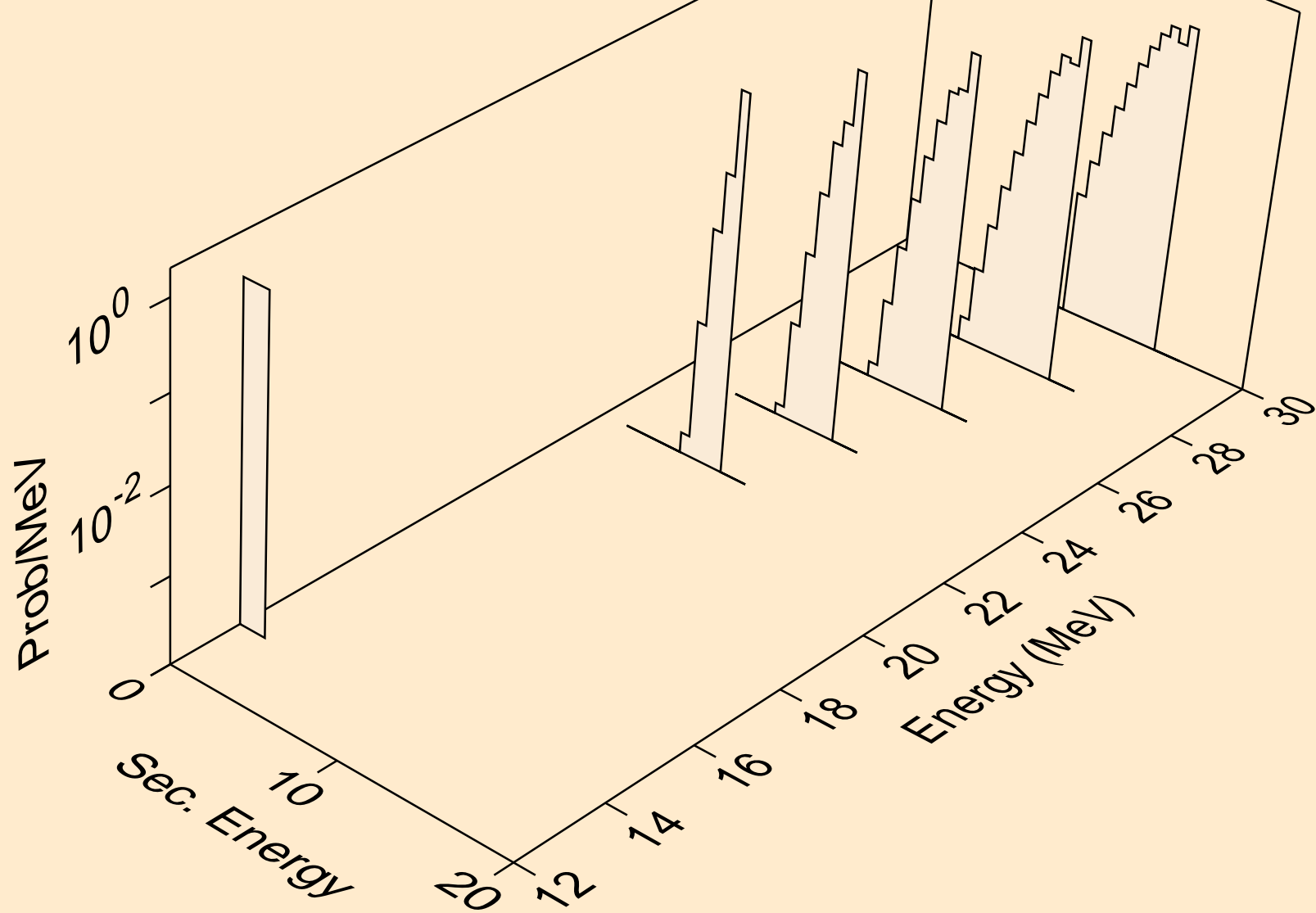




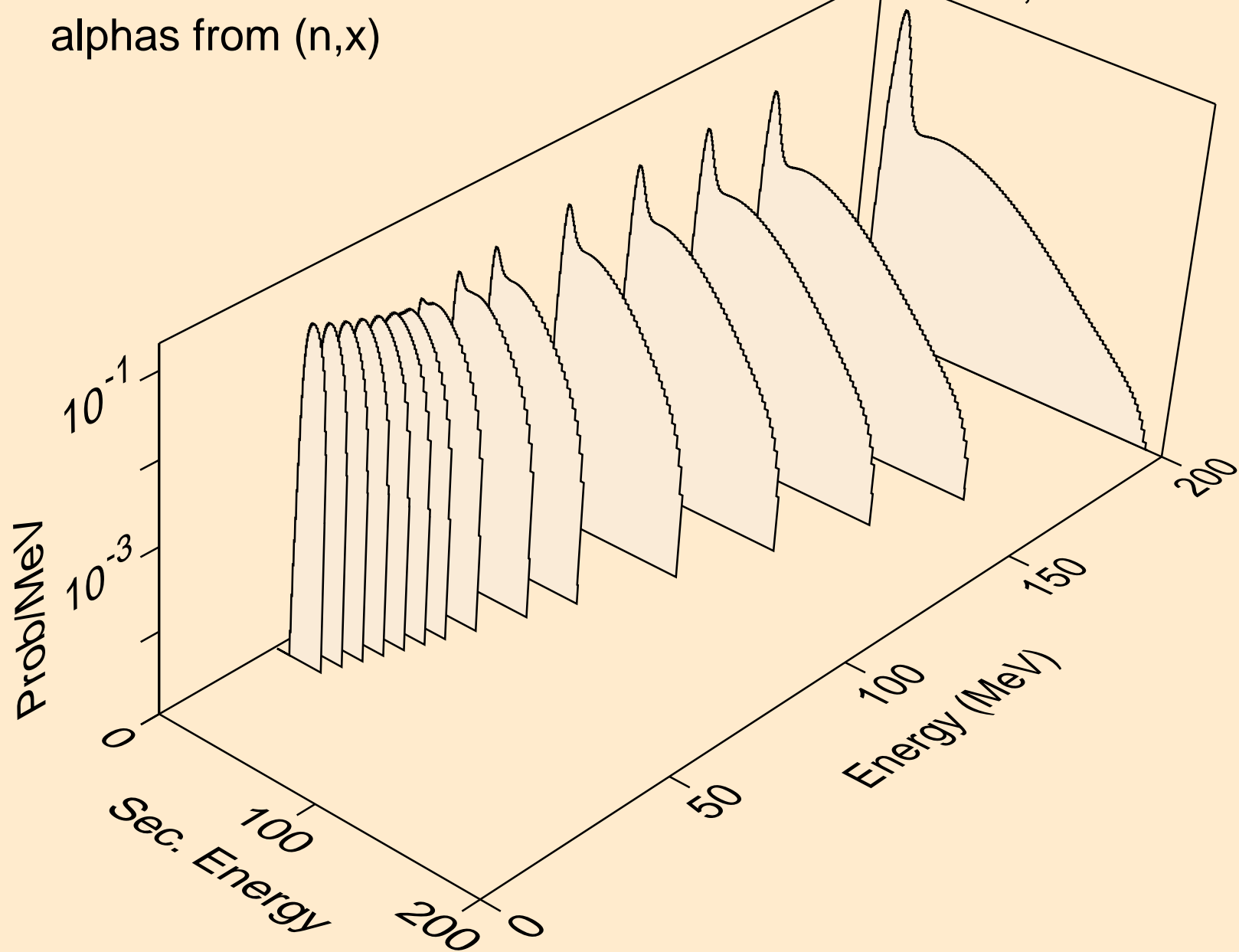
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he3s from (n,n\*)he3



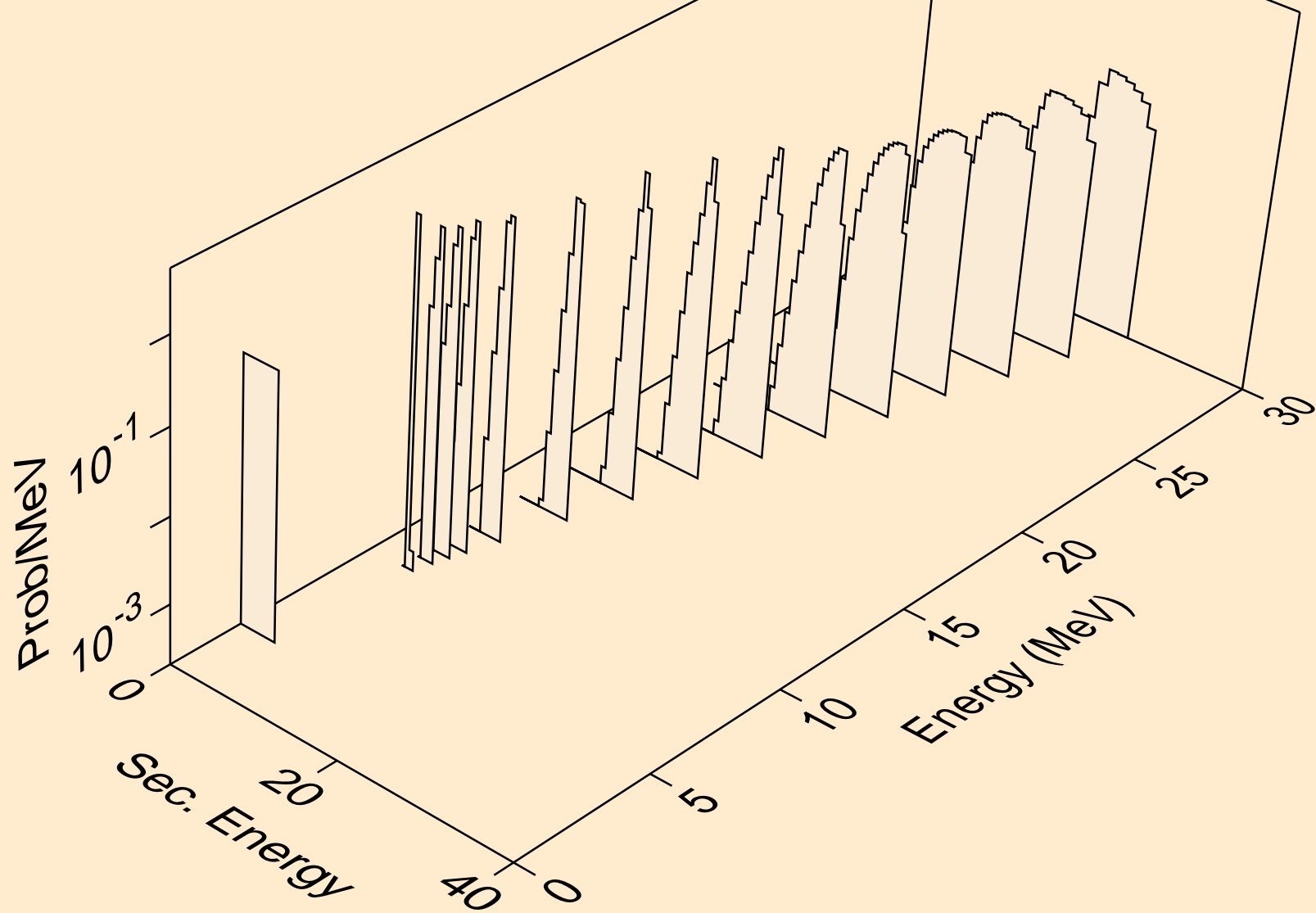
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he3s from (n,he3)



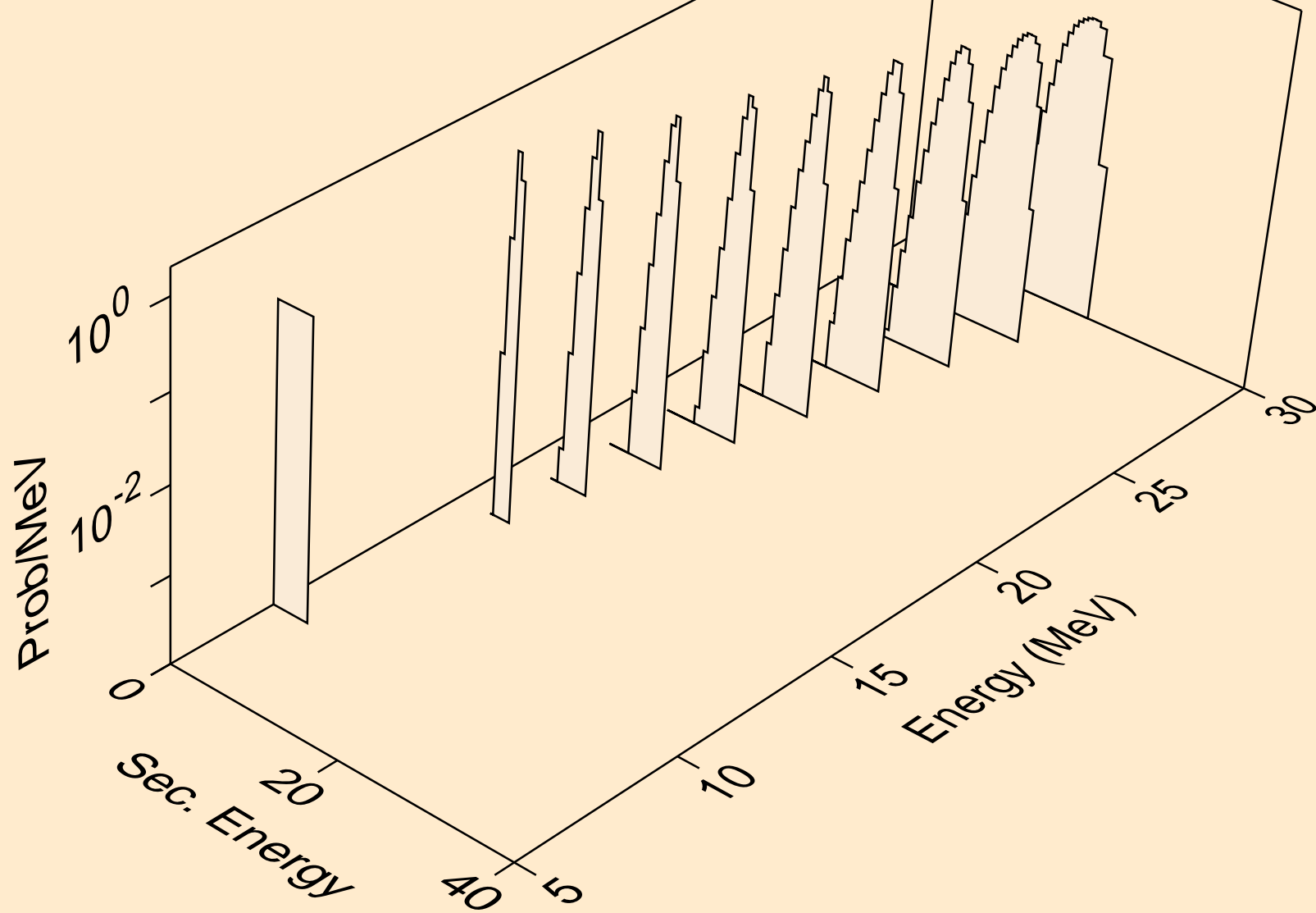
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



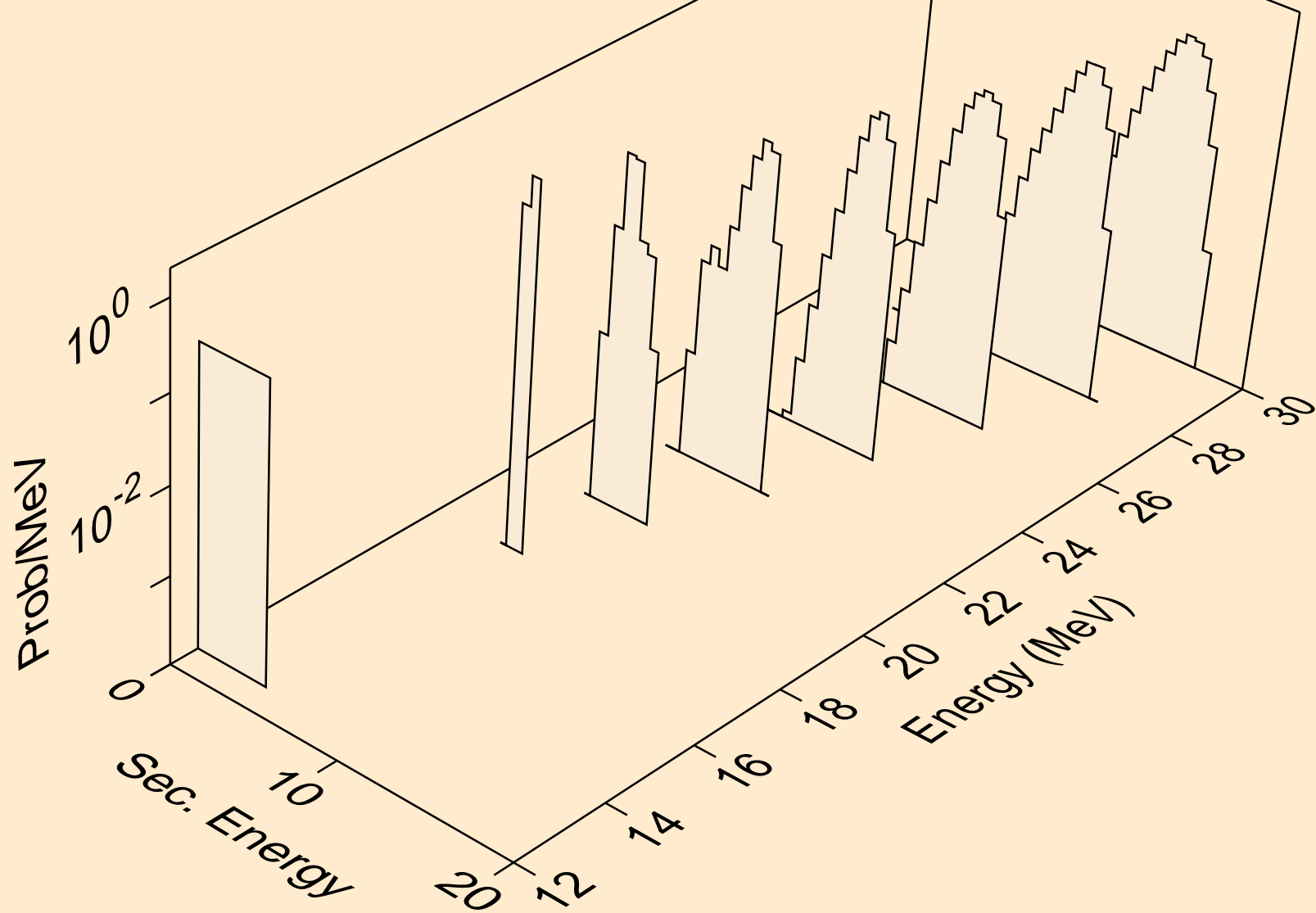
PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



PR151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

