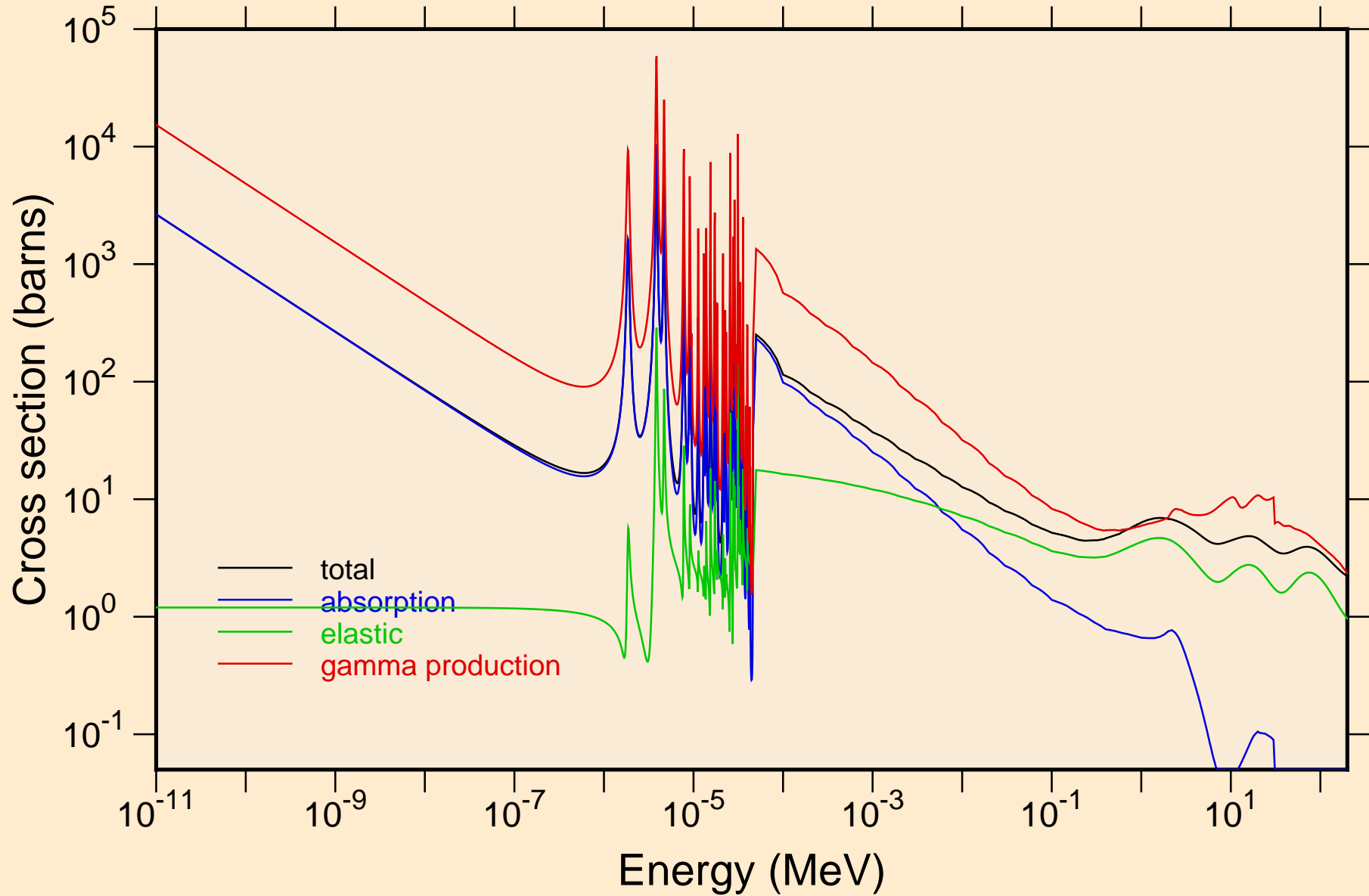
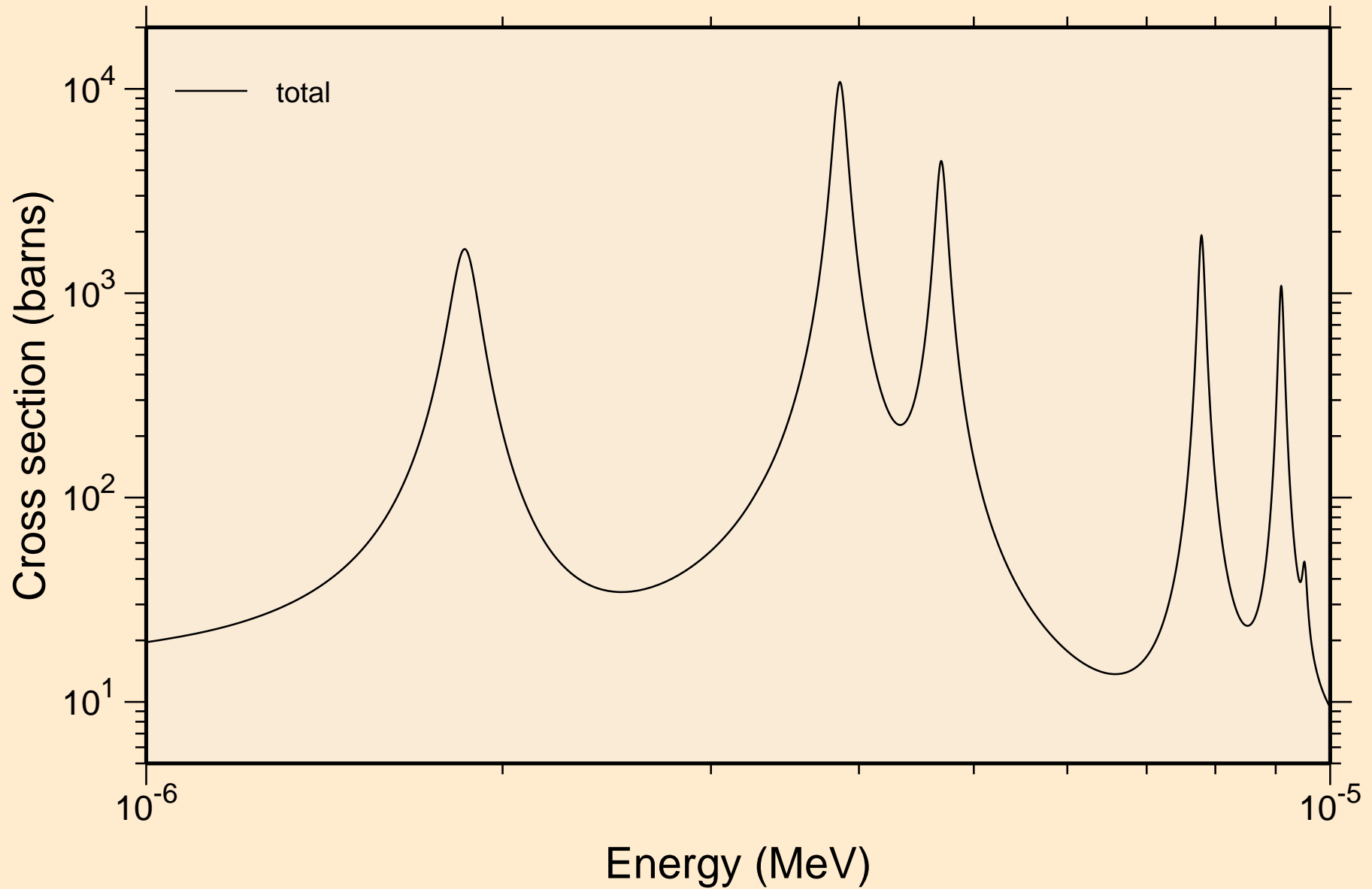


# PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

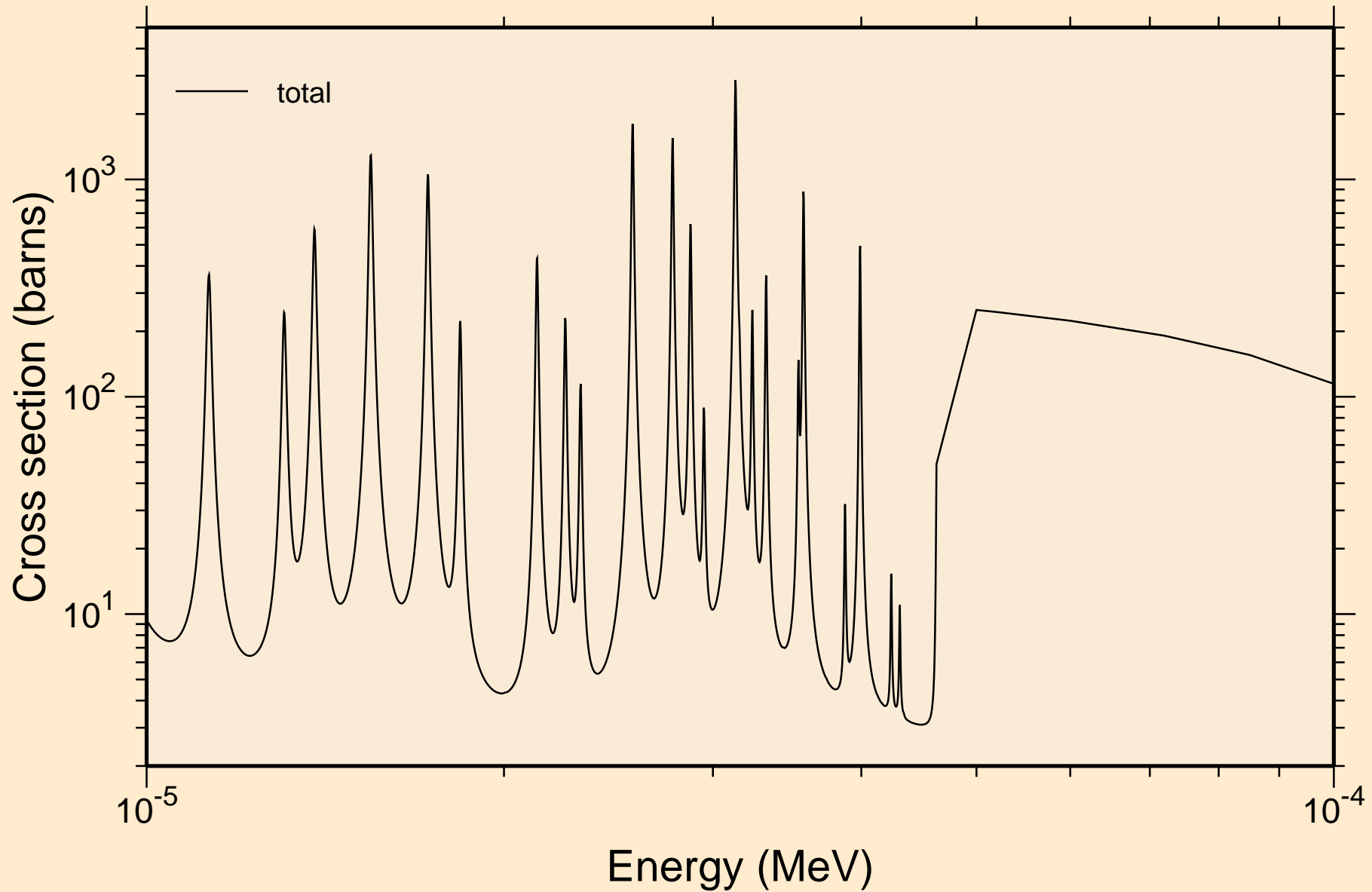
## Principal cross sections



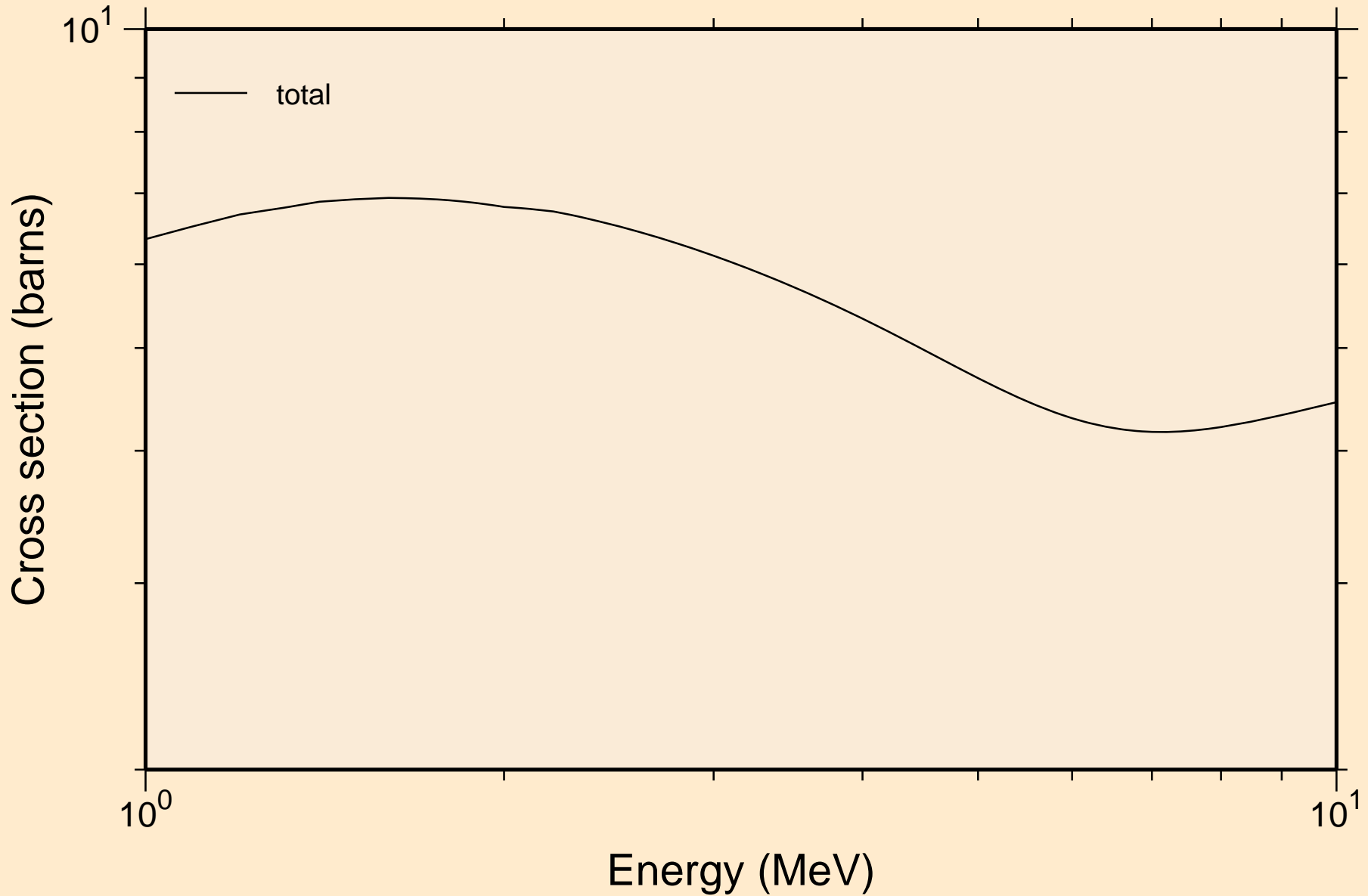
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



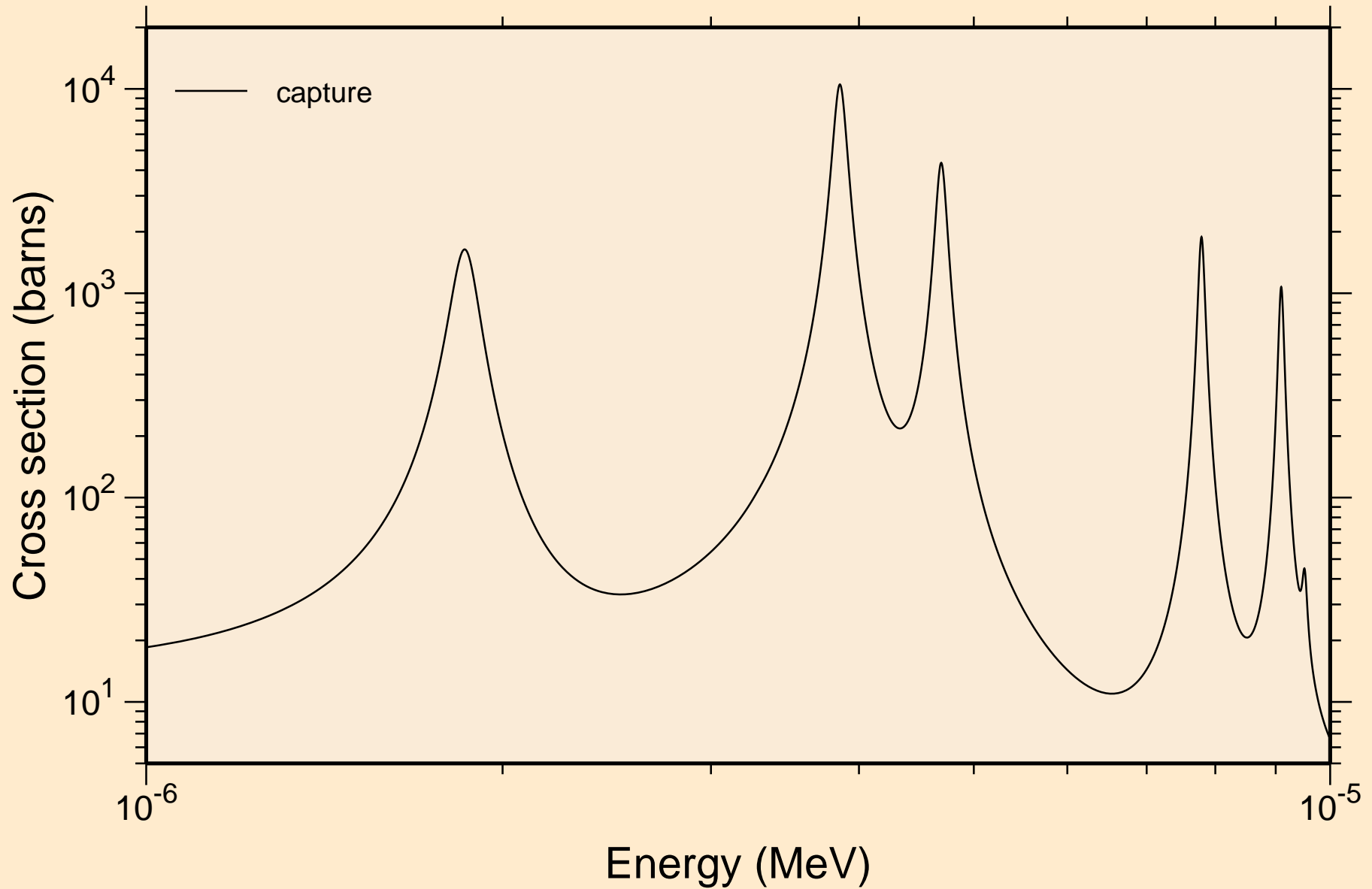
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



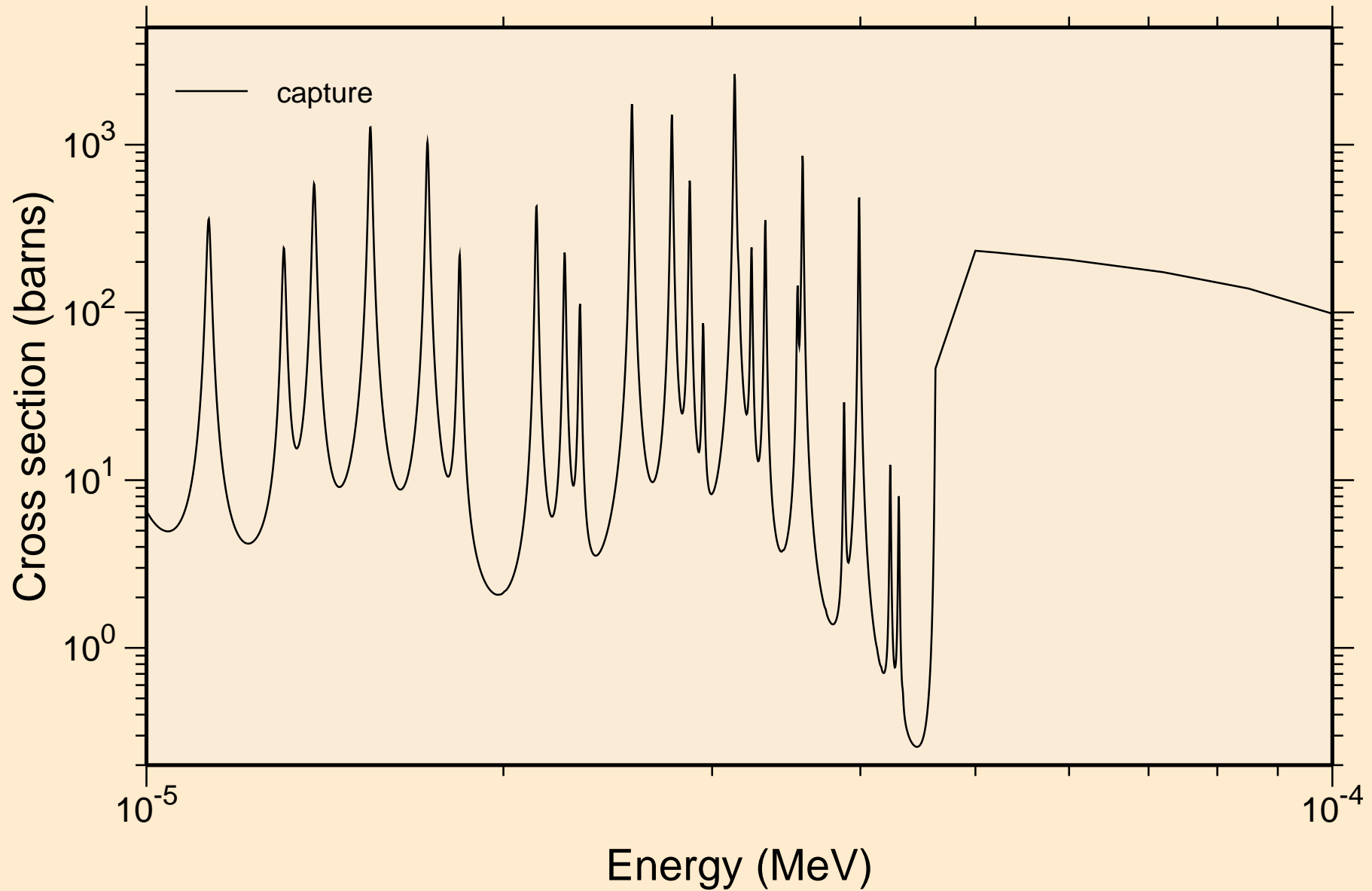
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



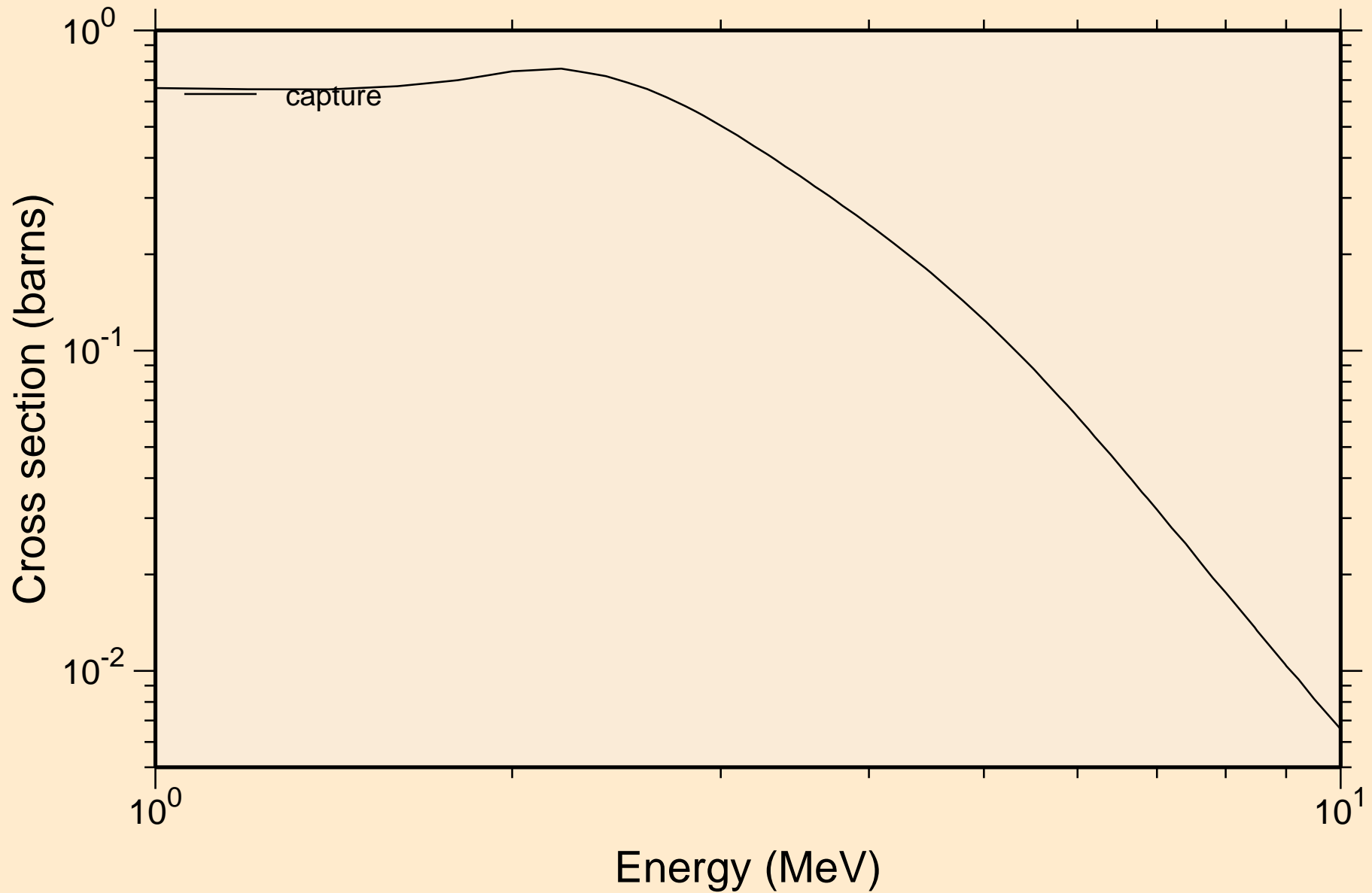
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



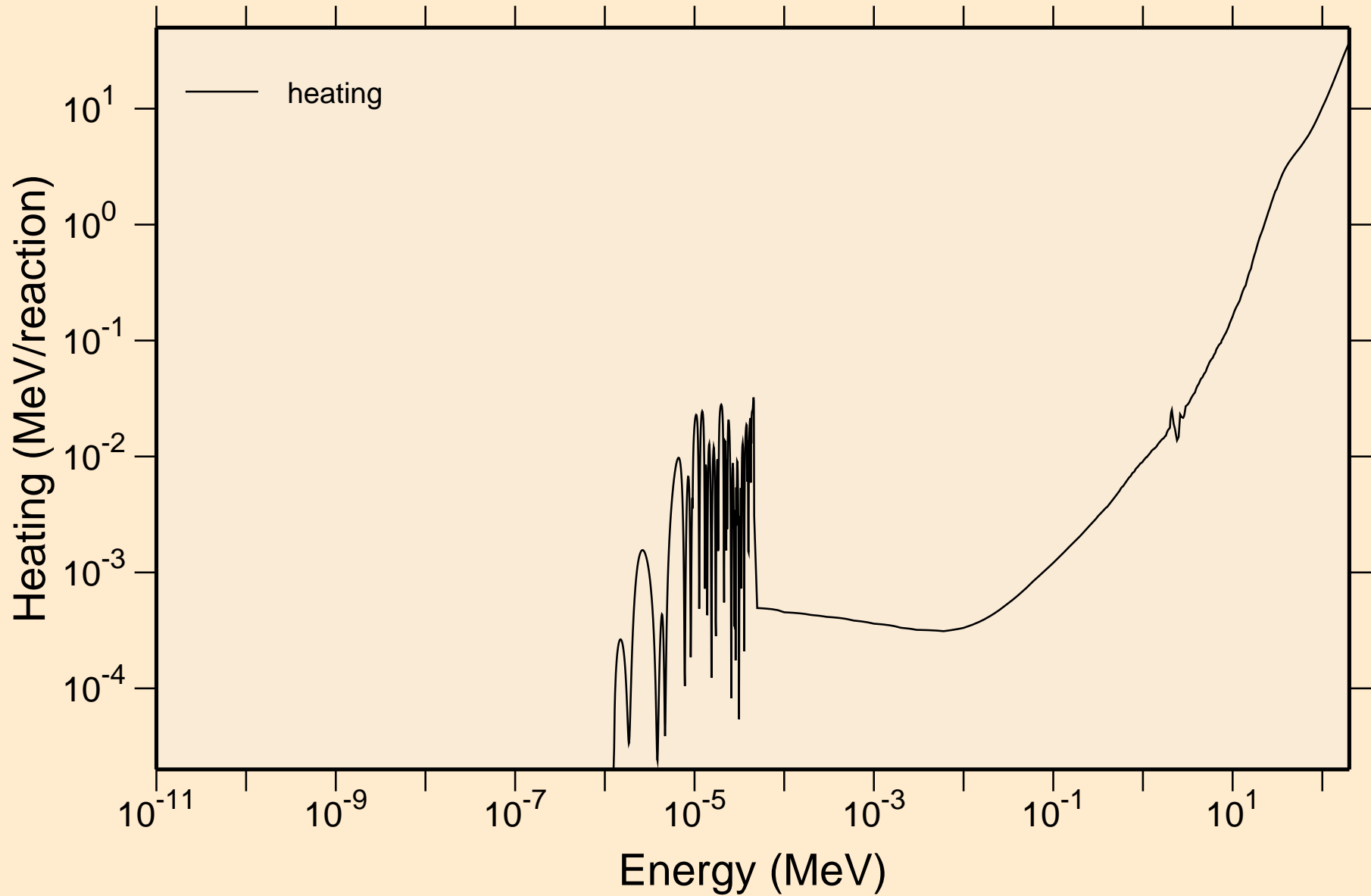
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

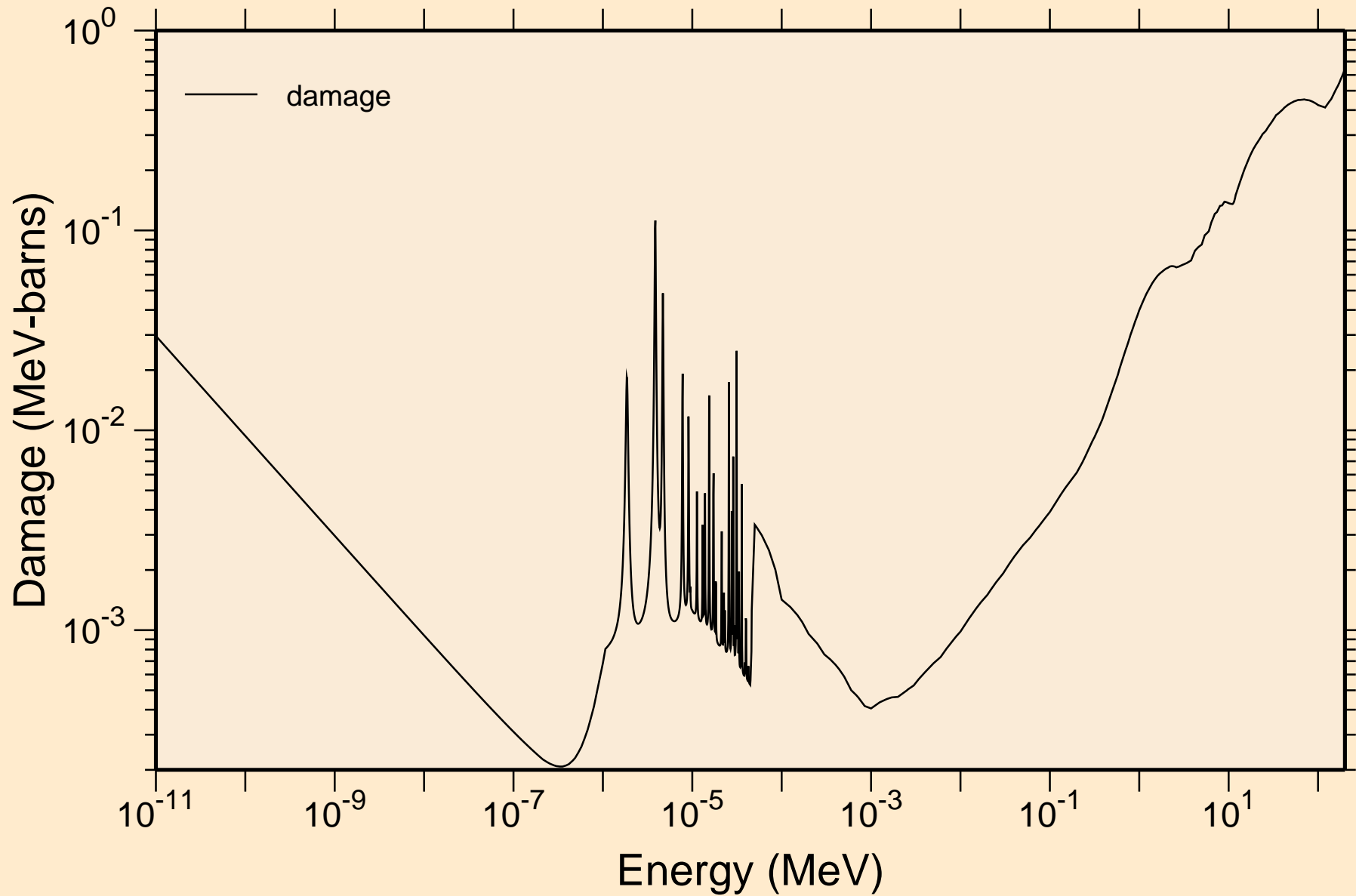


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

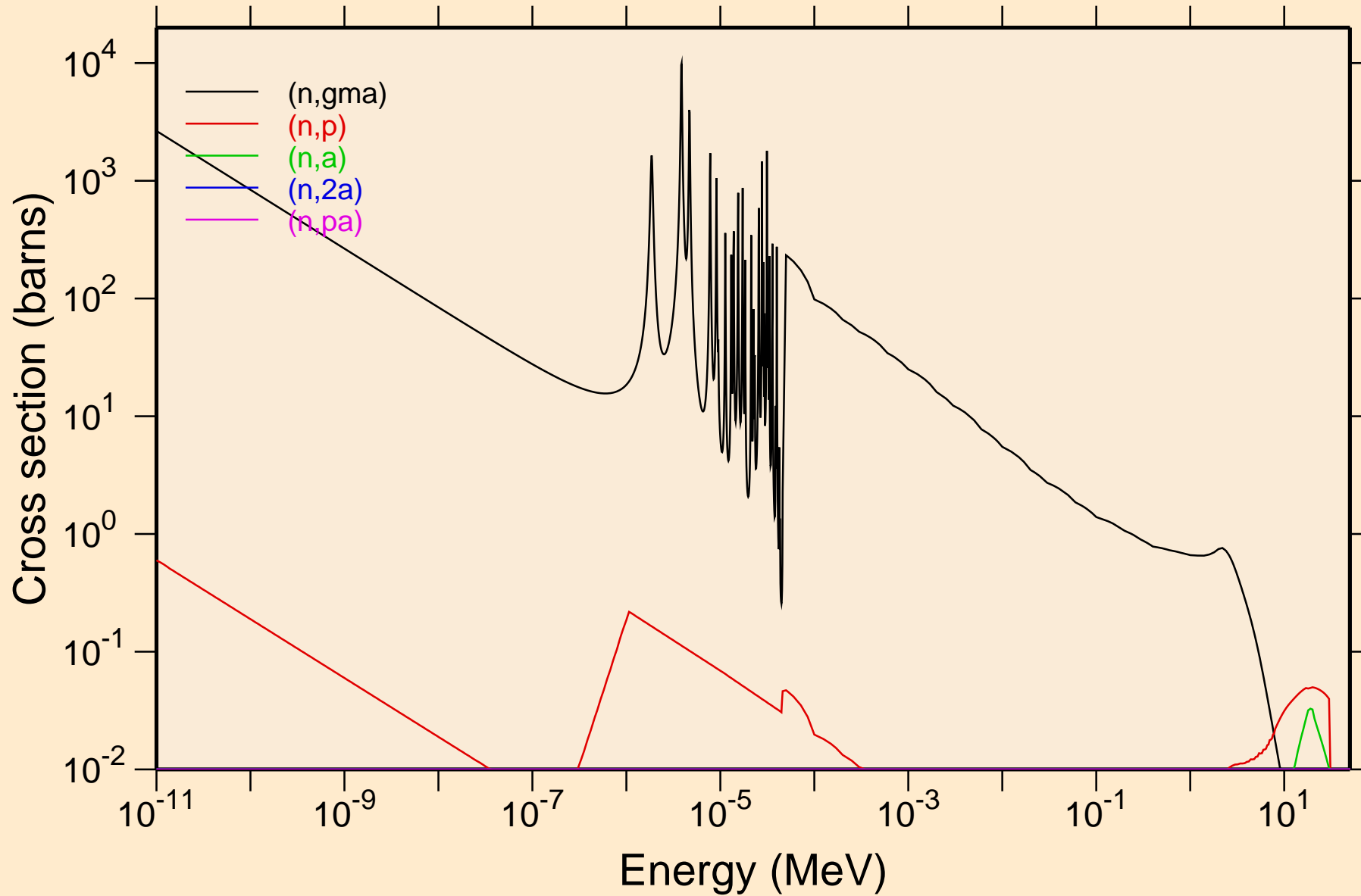




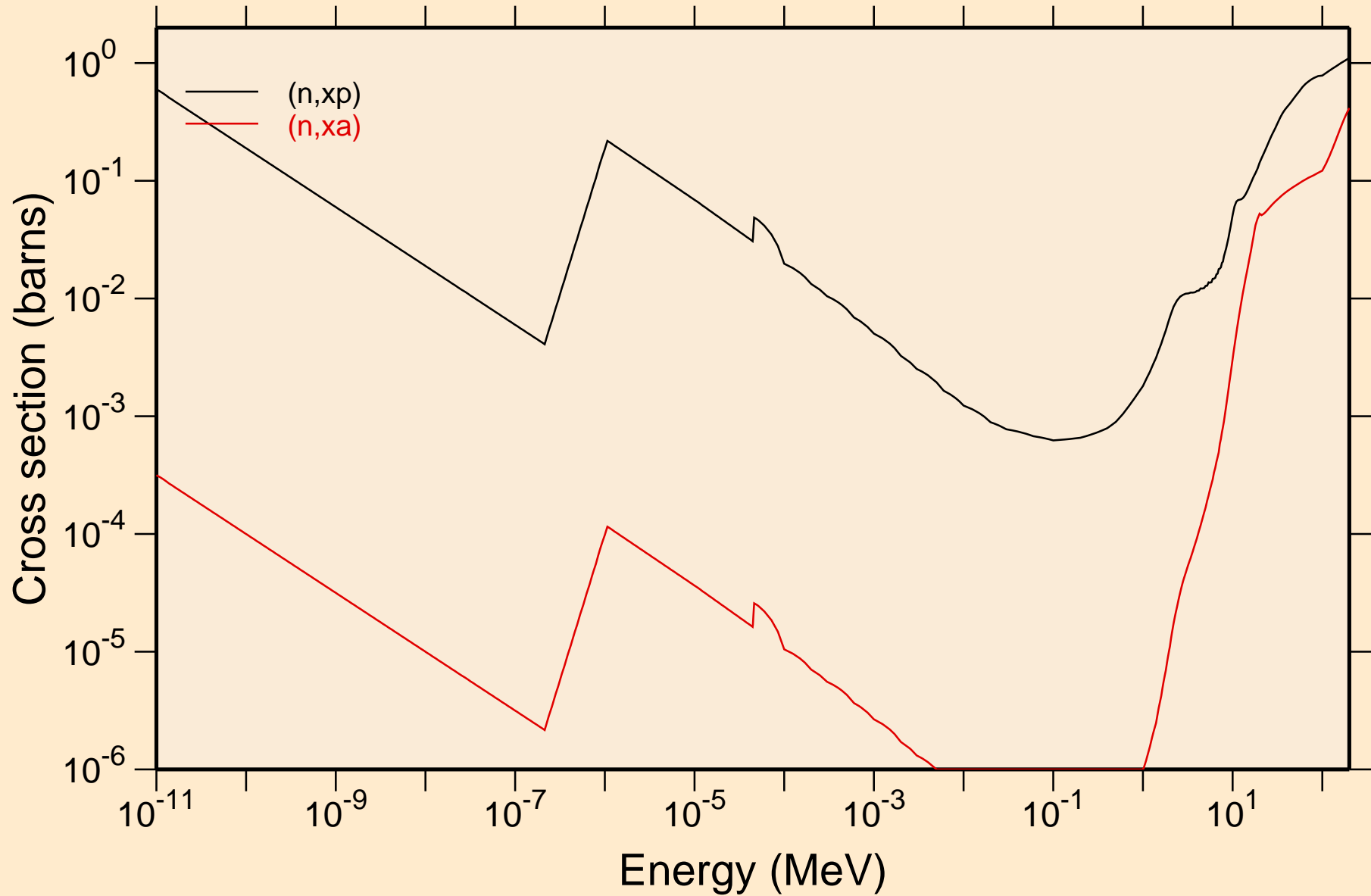
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



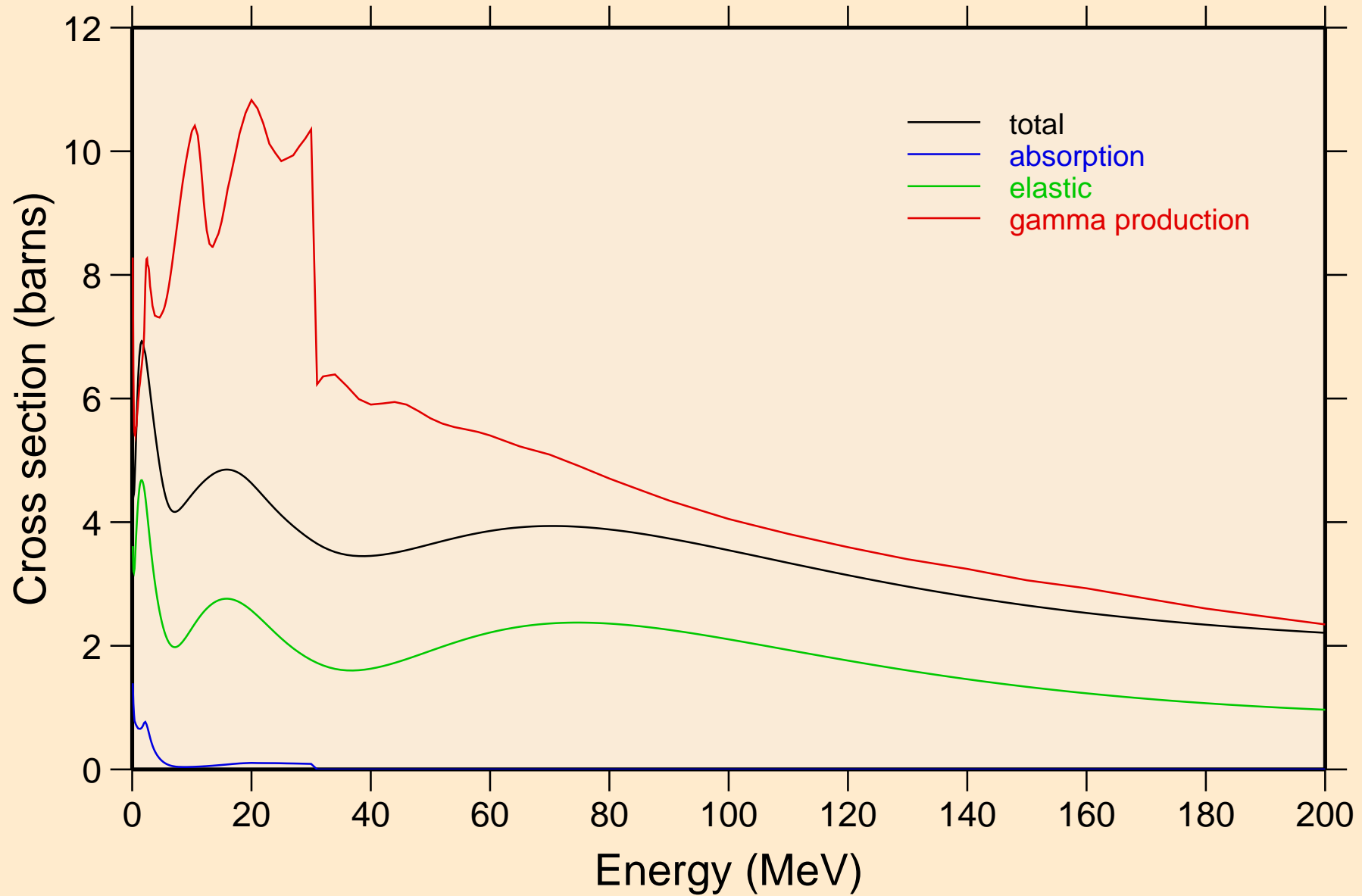
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

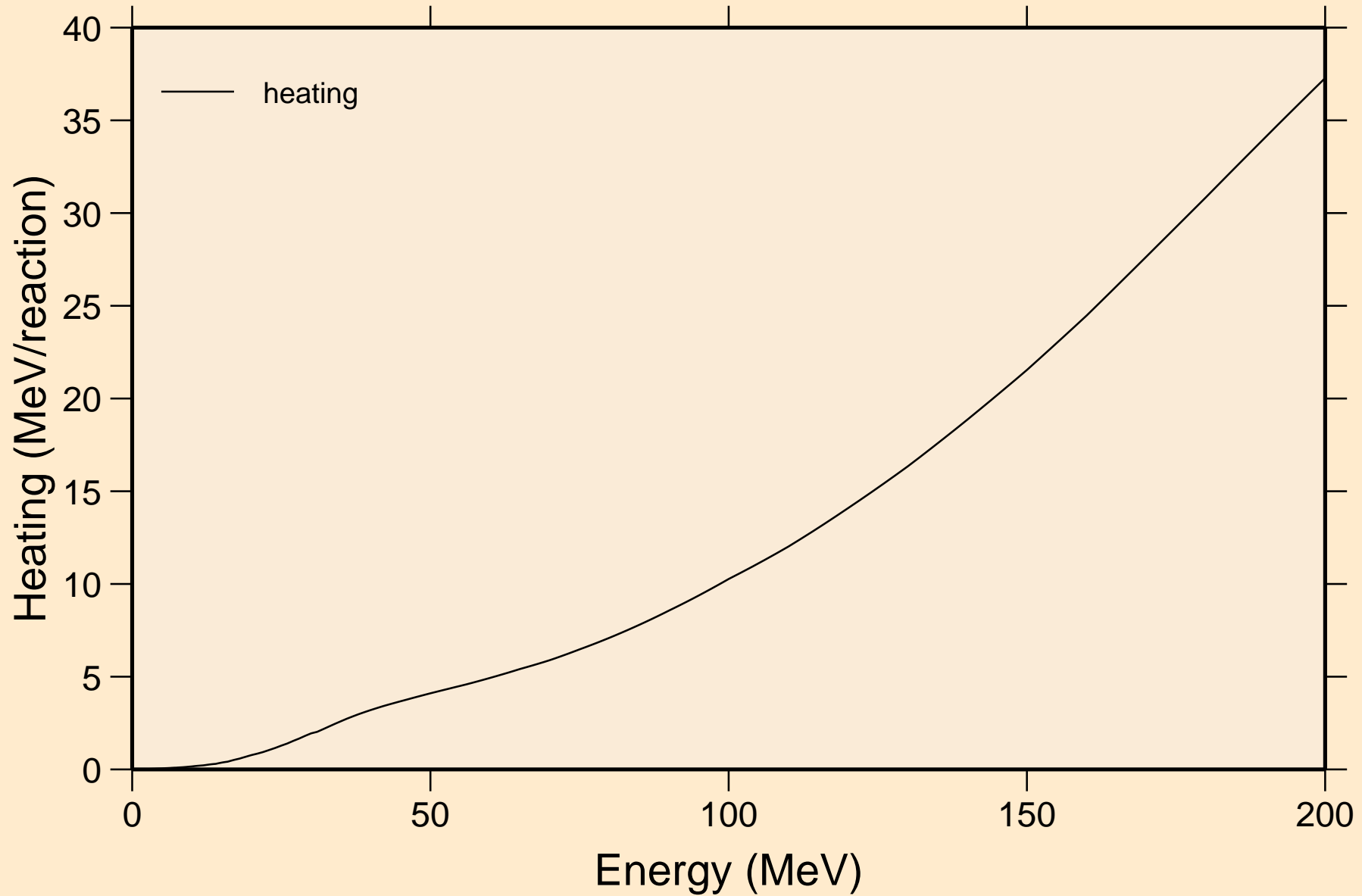


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

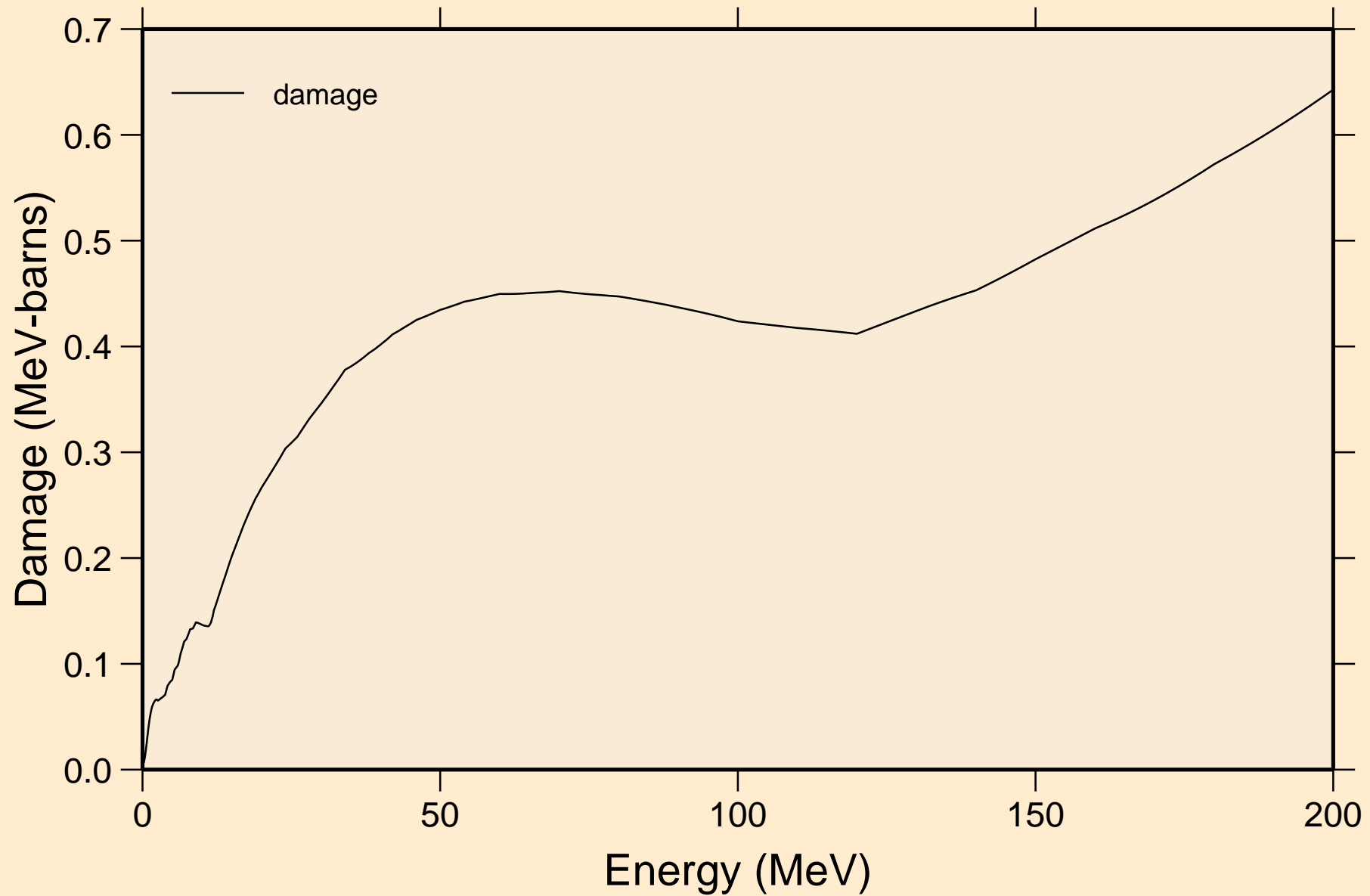


# PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

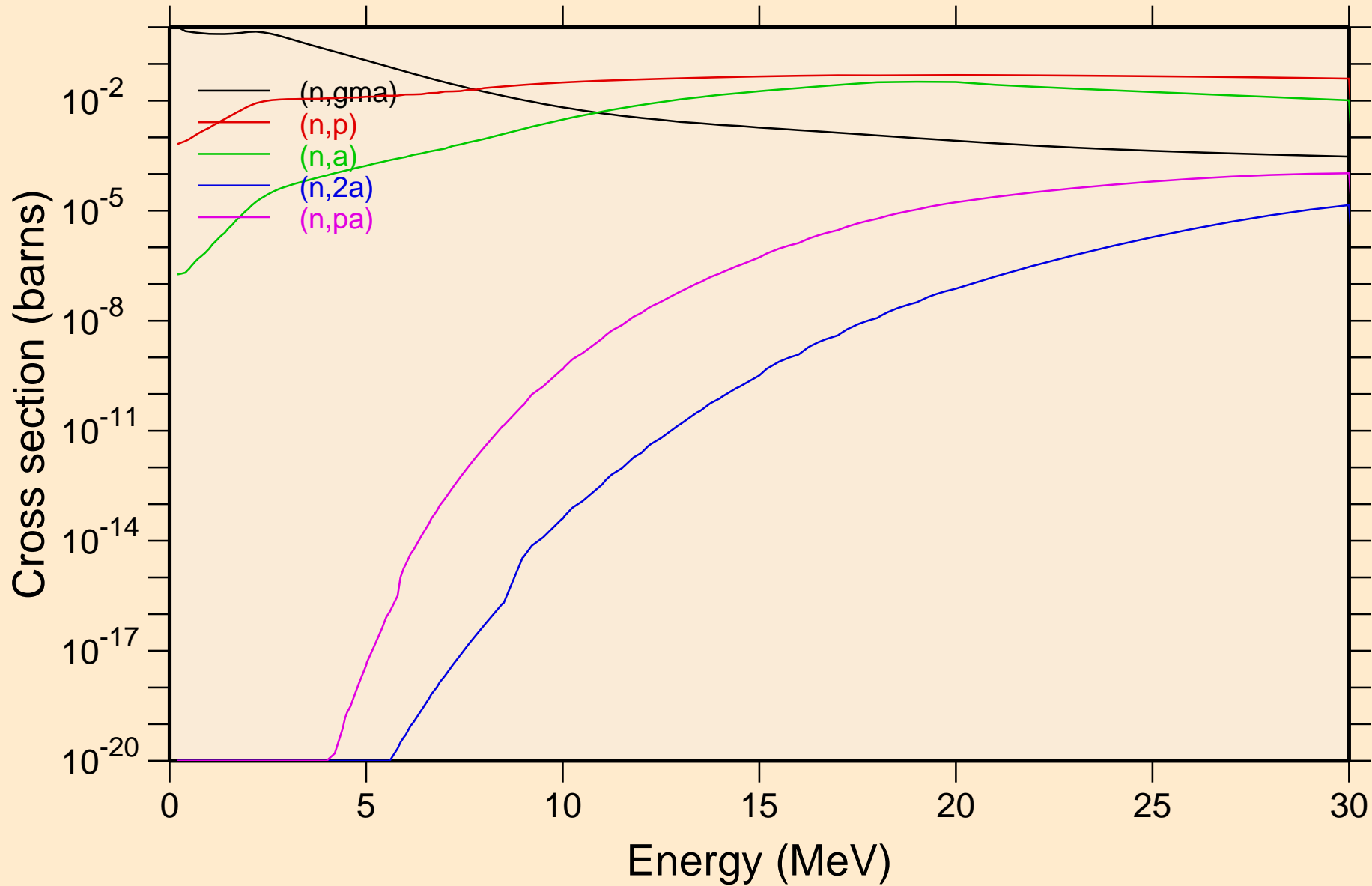
## Heating



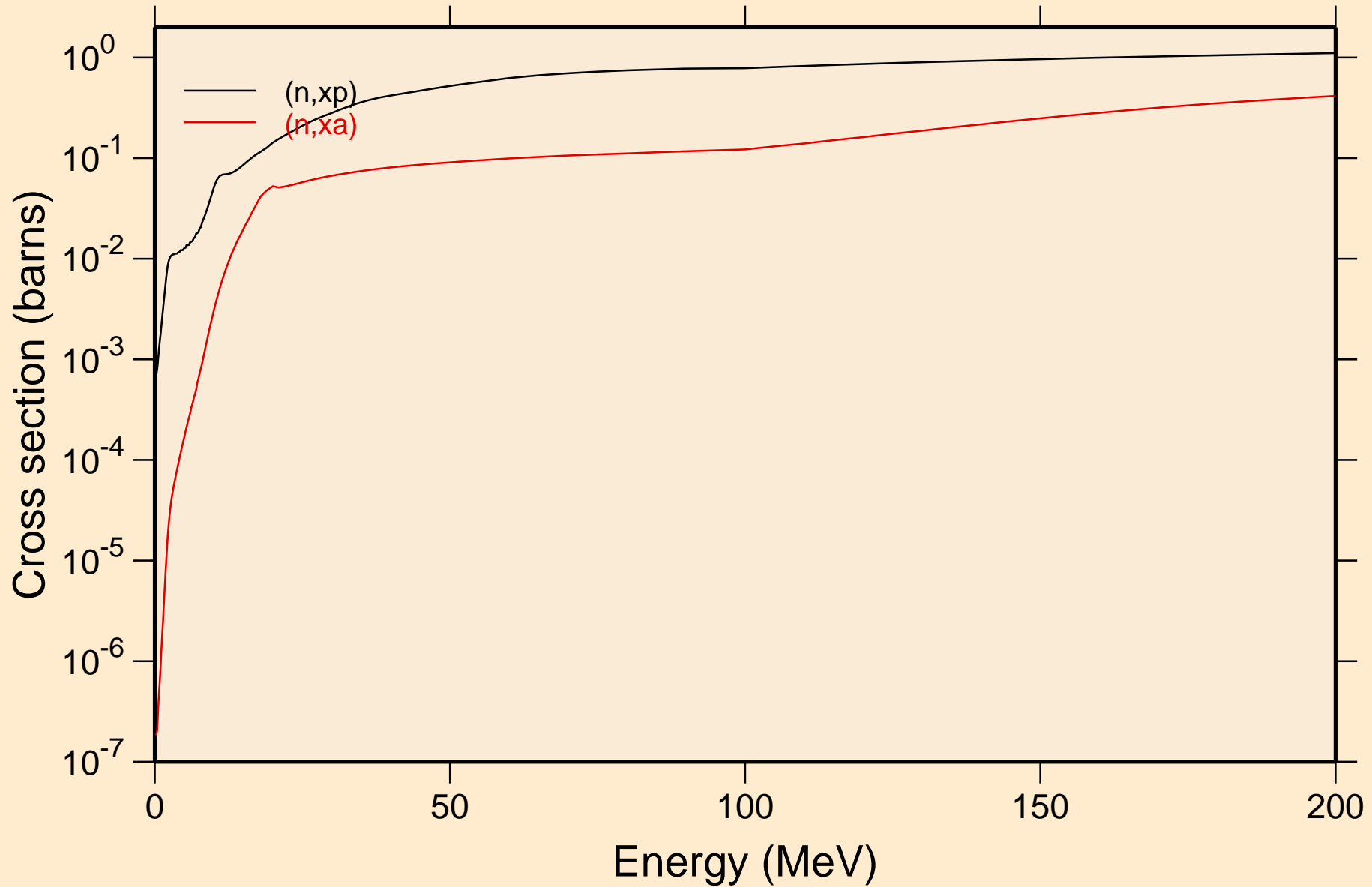
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

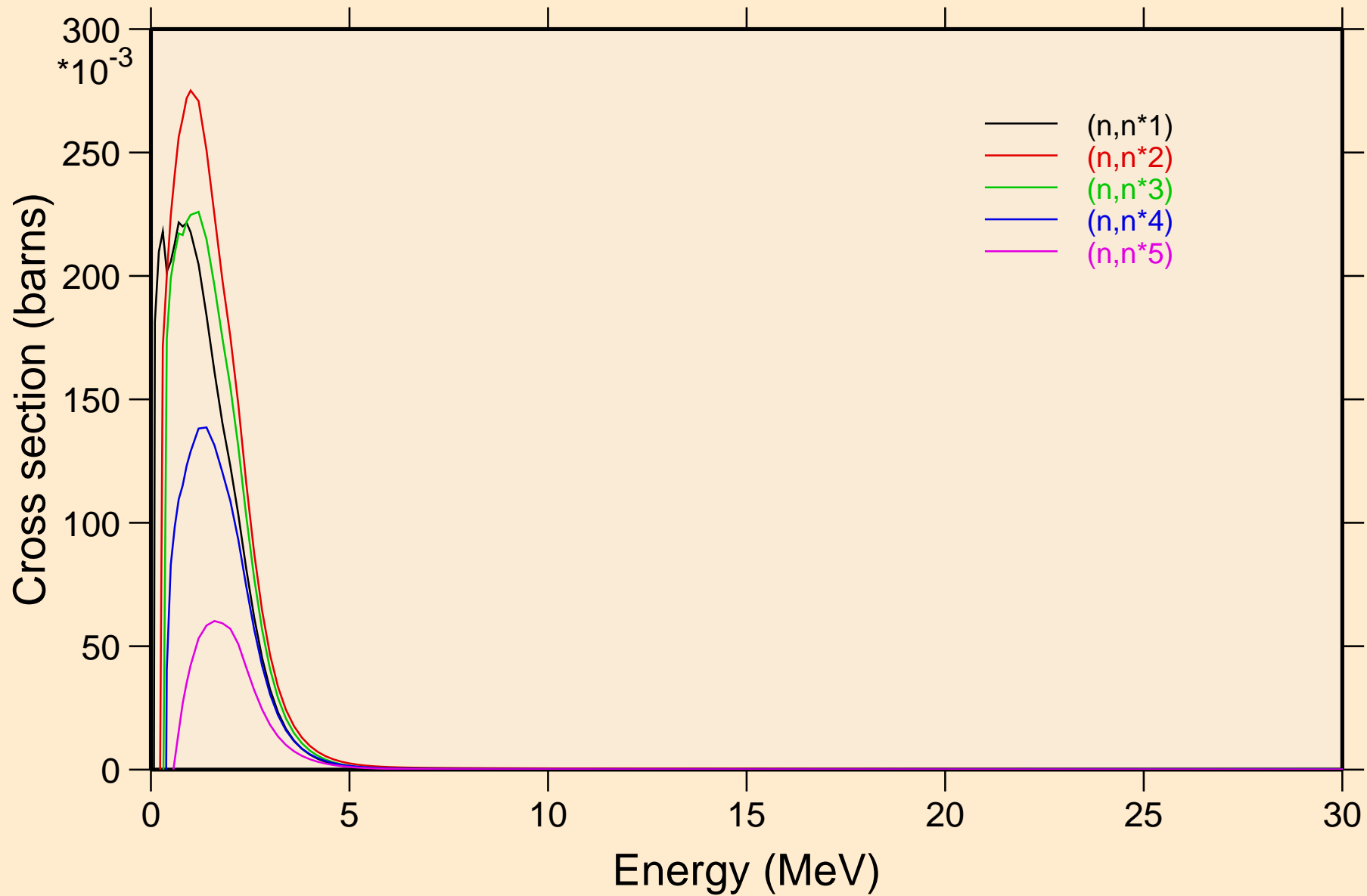


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

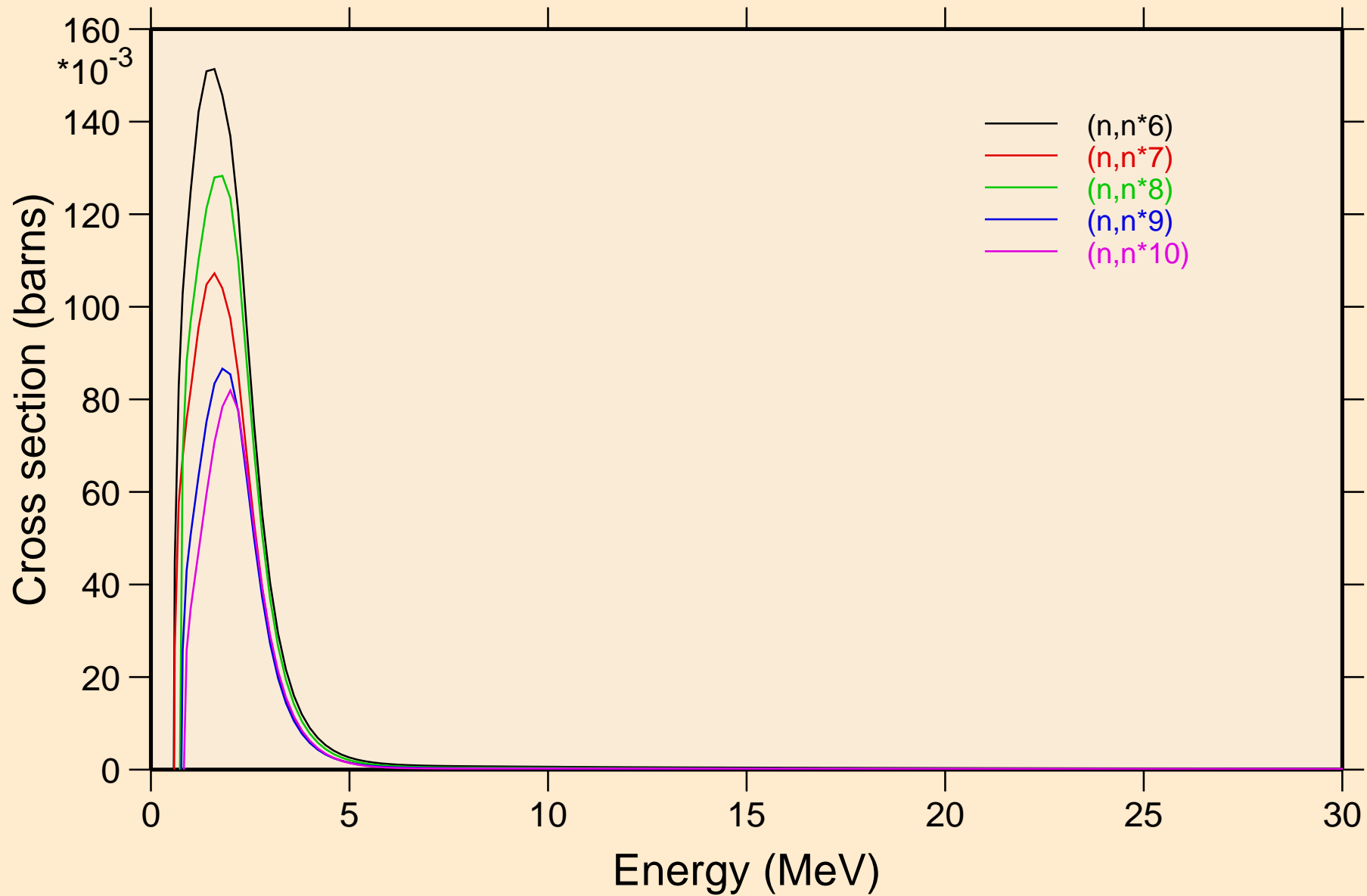




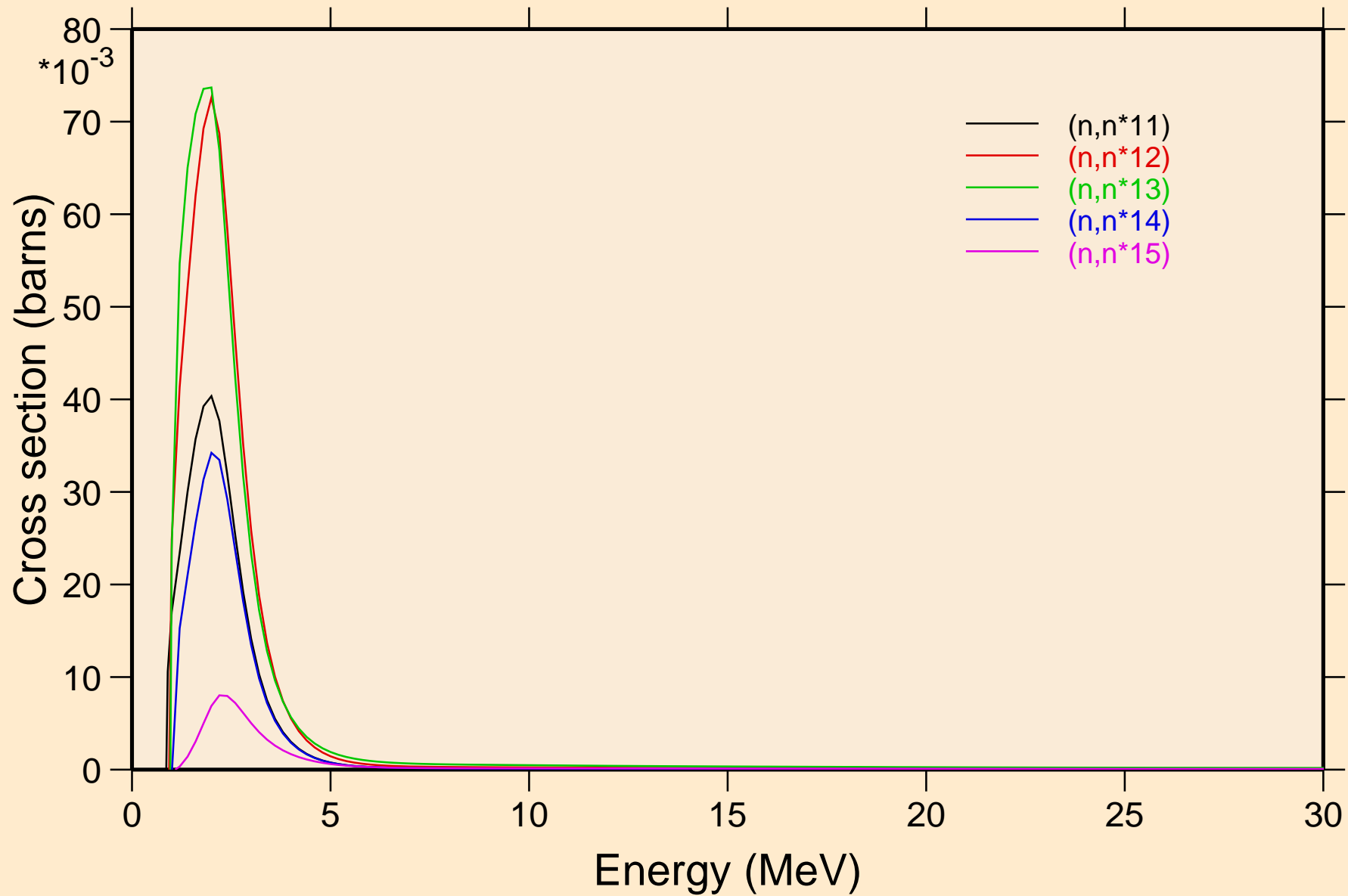
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



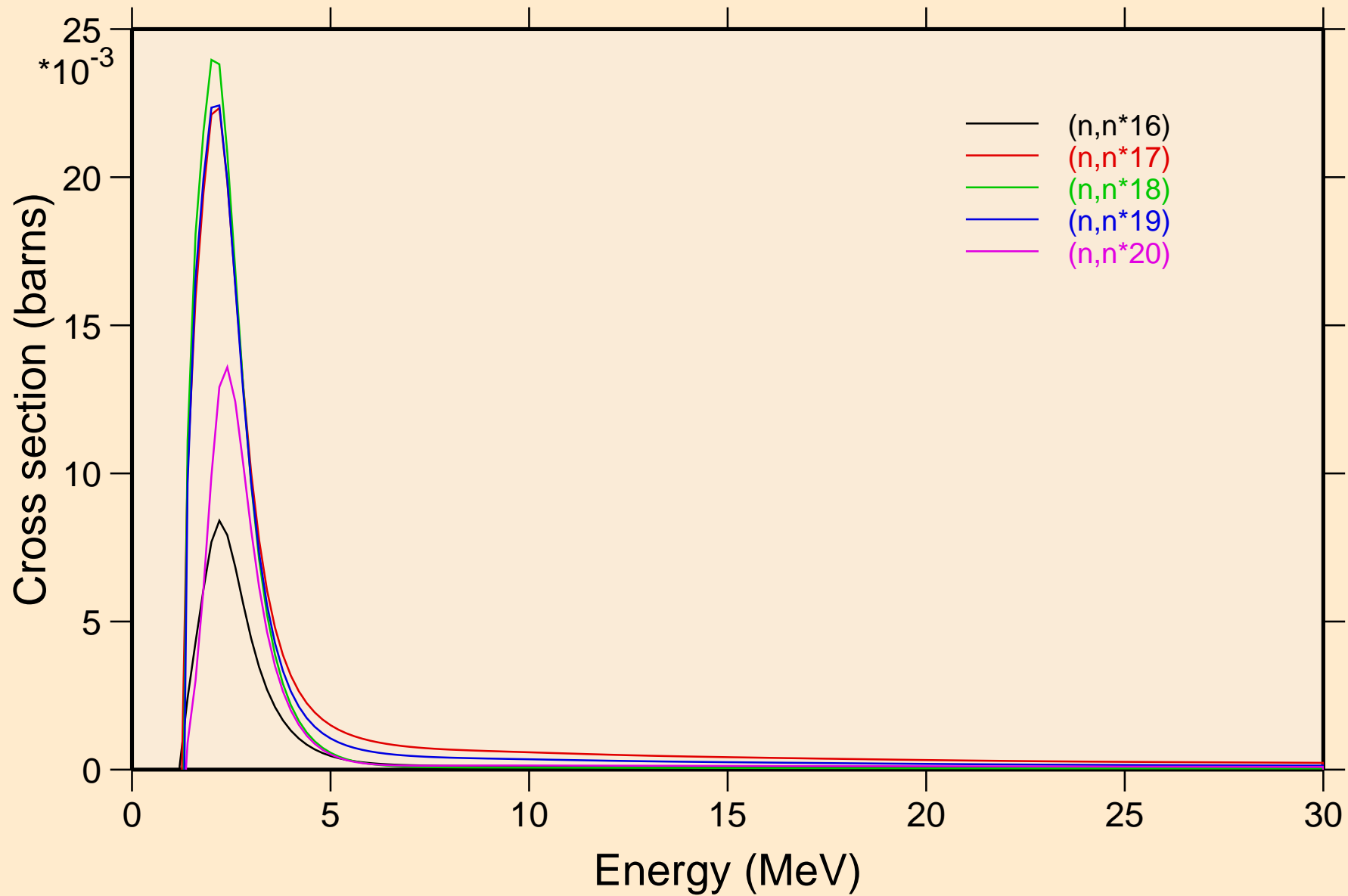
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



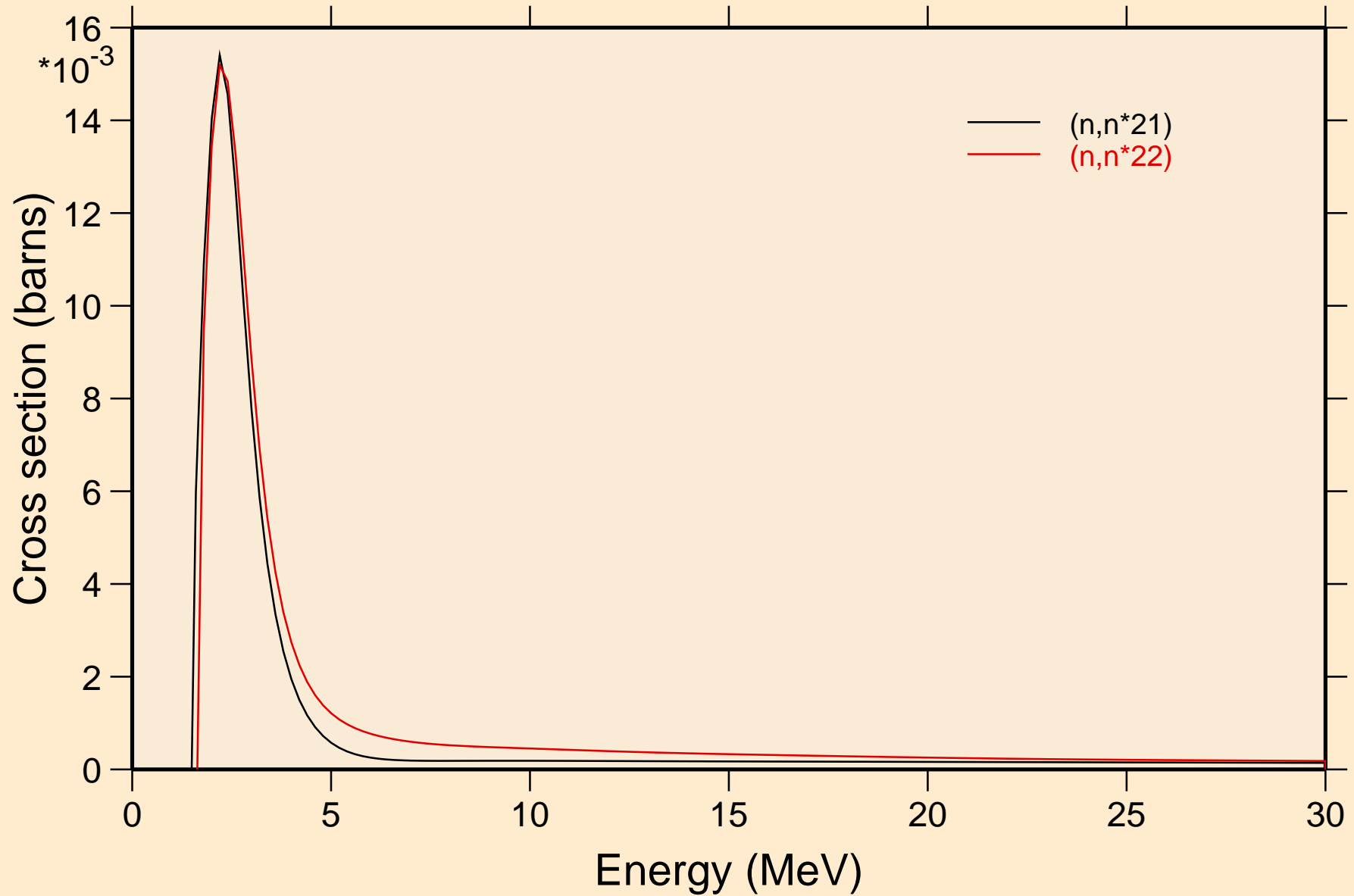
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



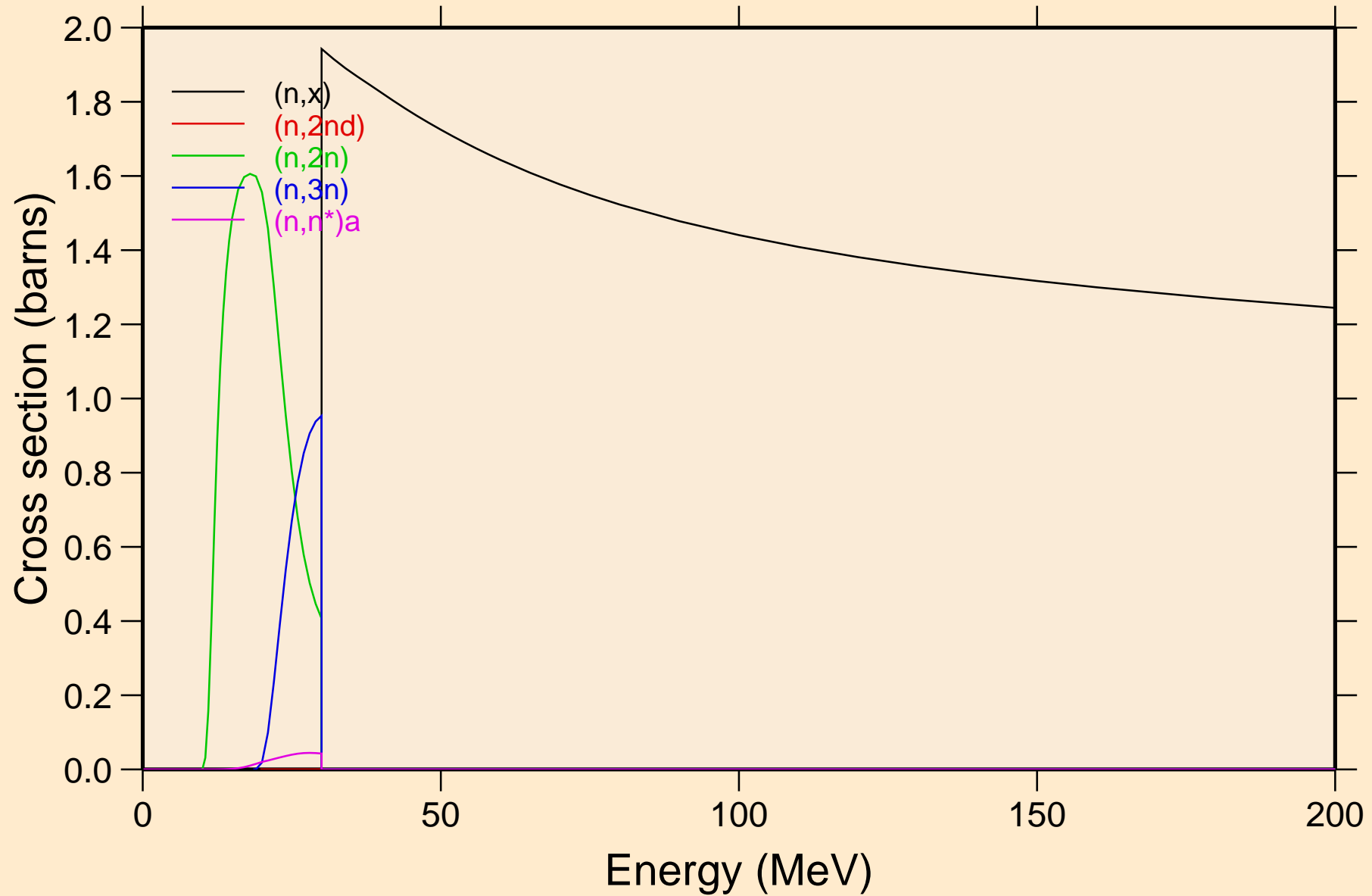
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



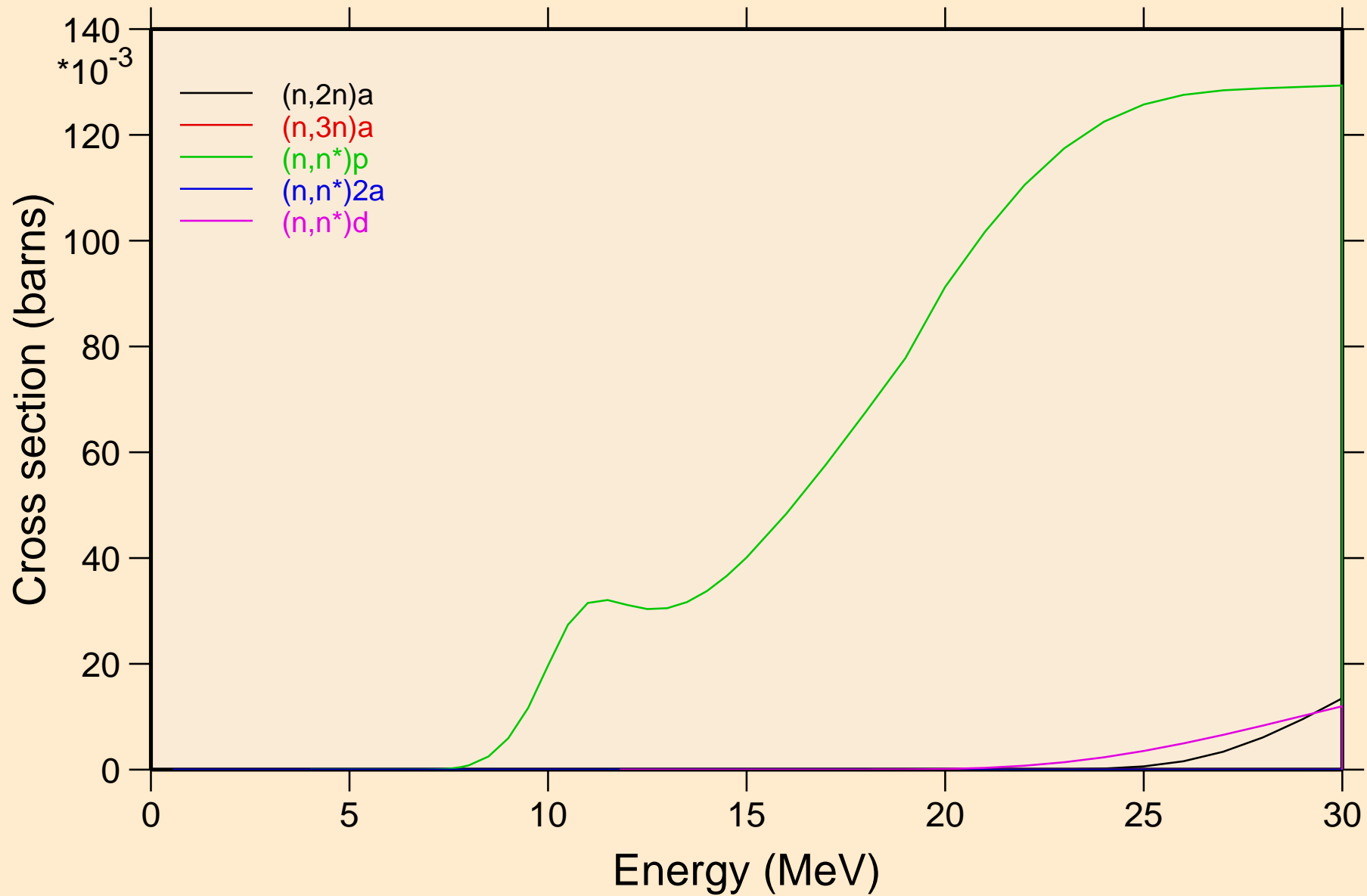
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



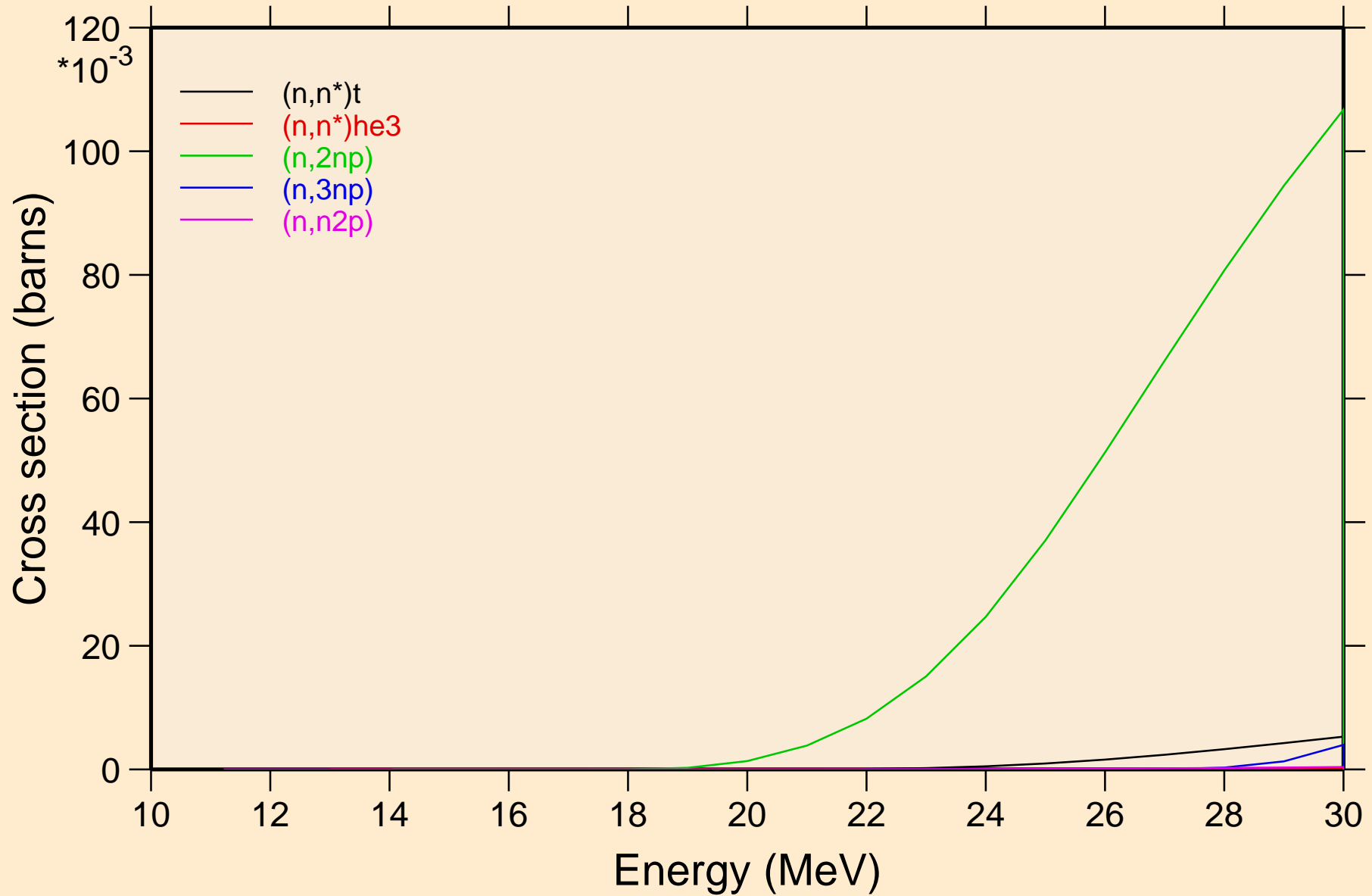
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

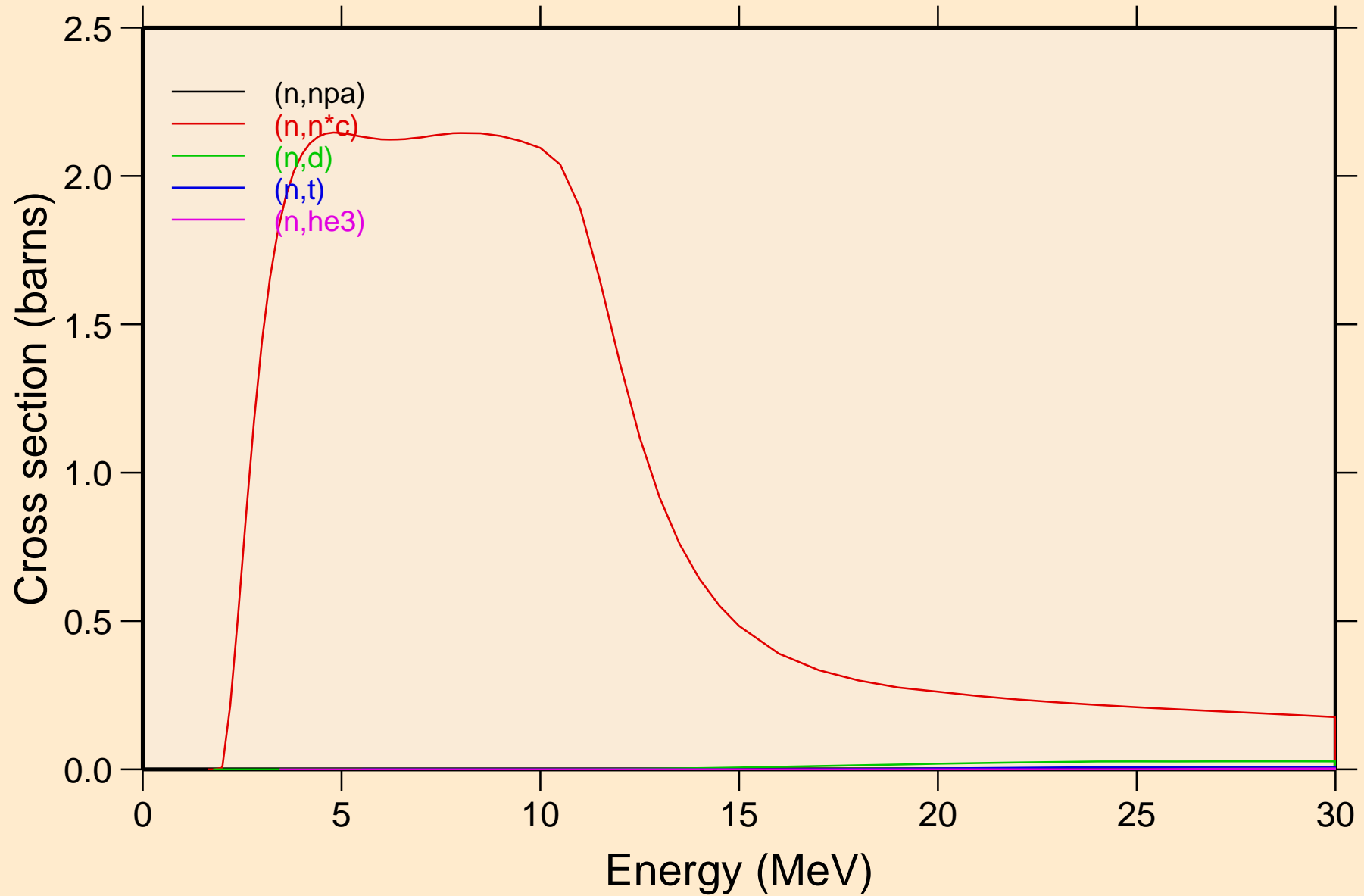


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

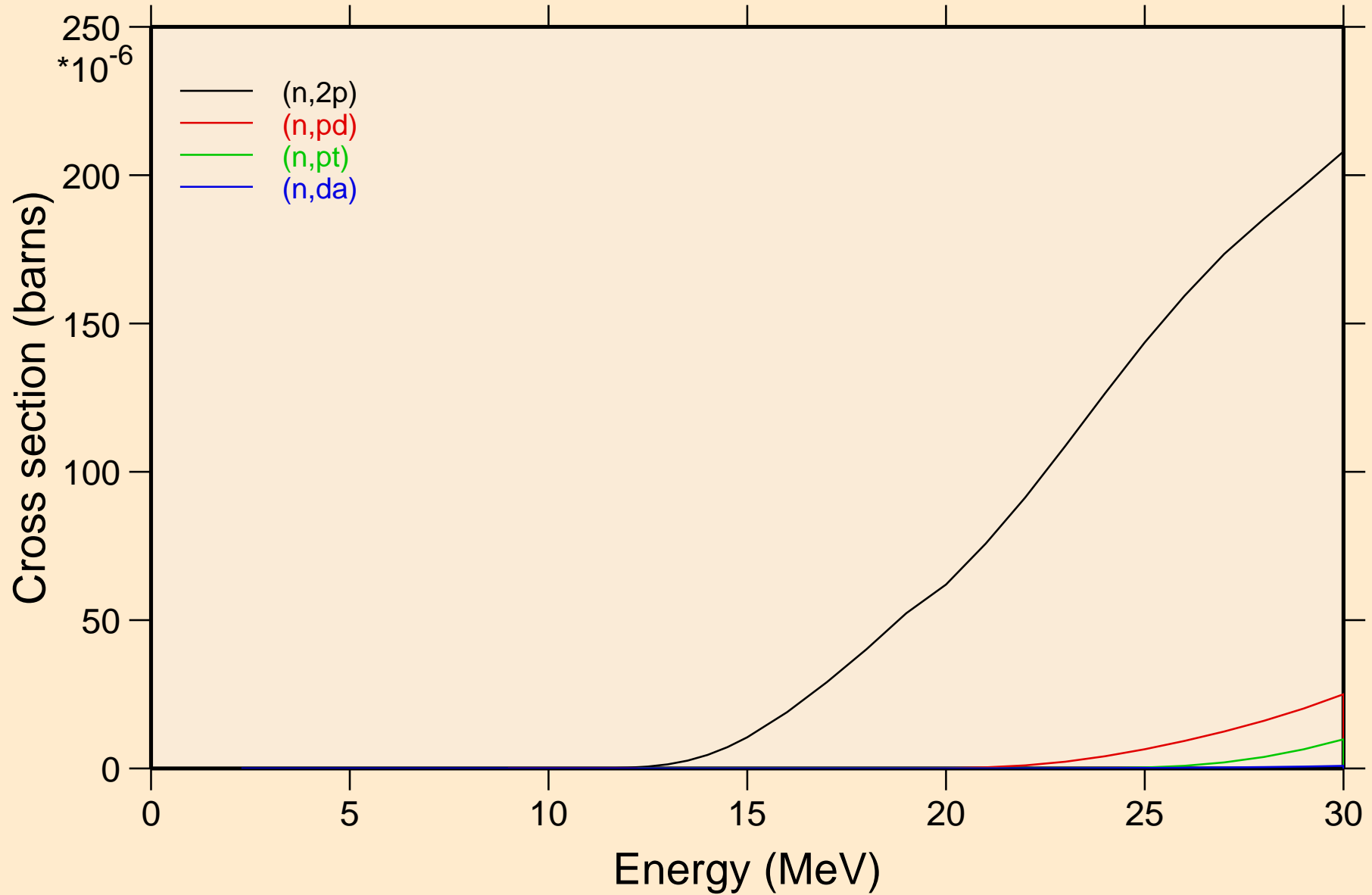




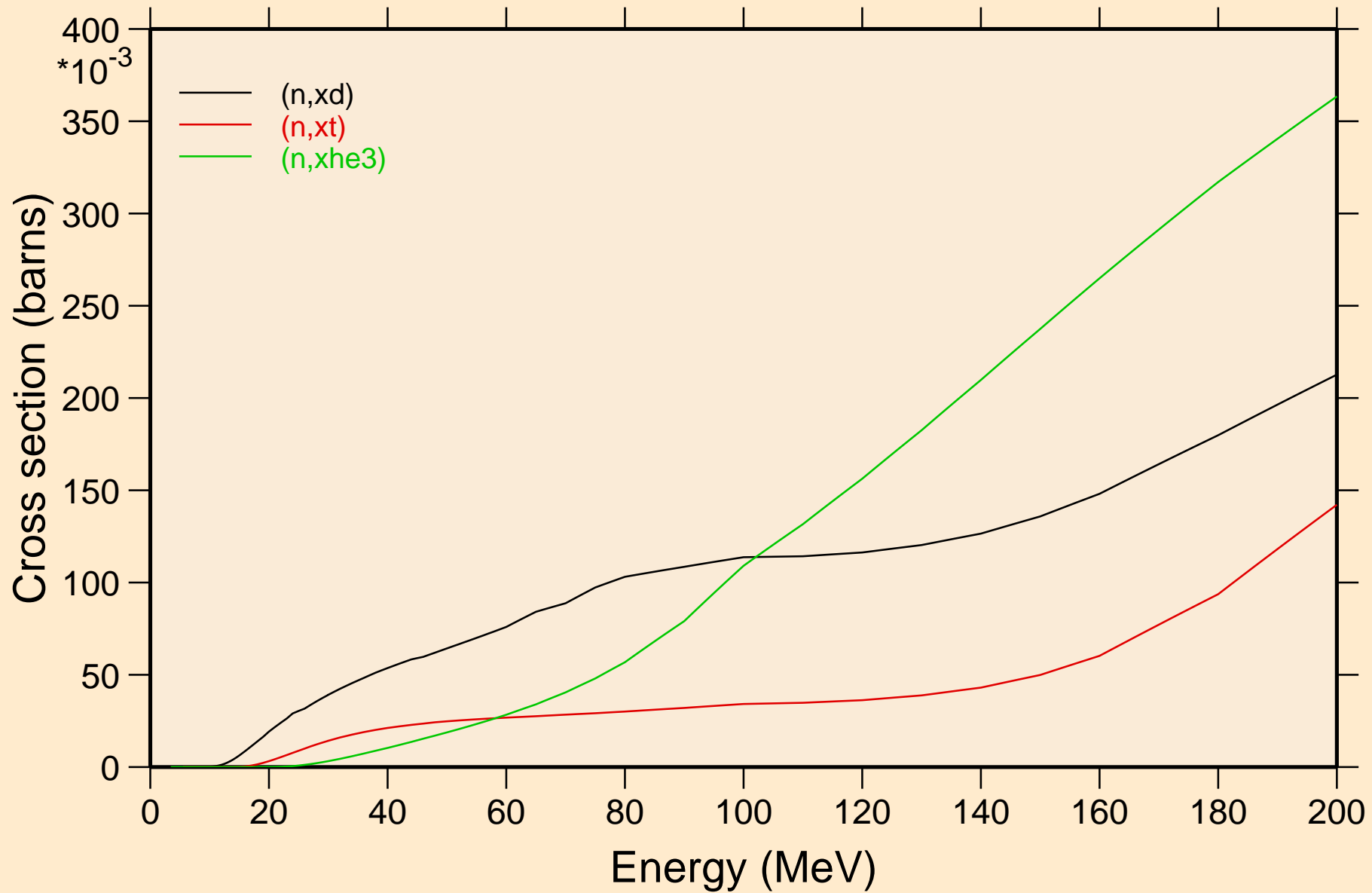
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



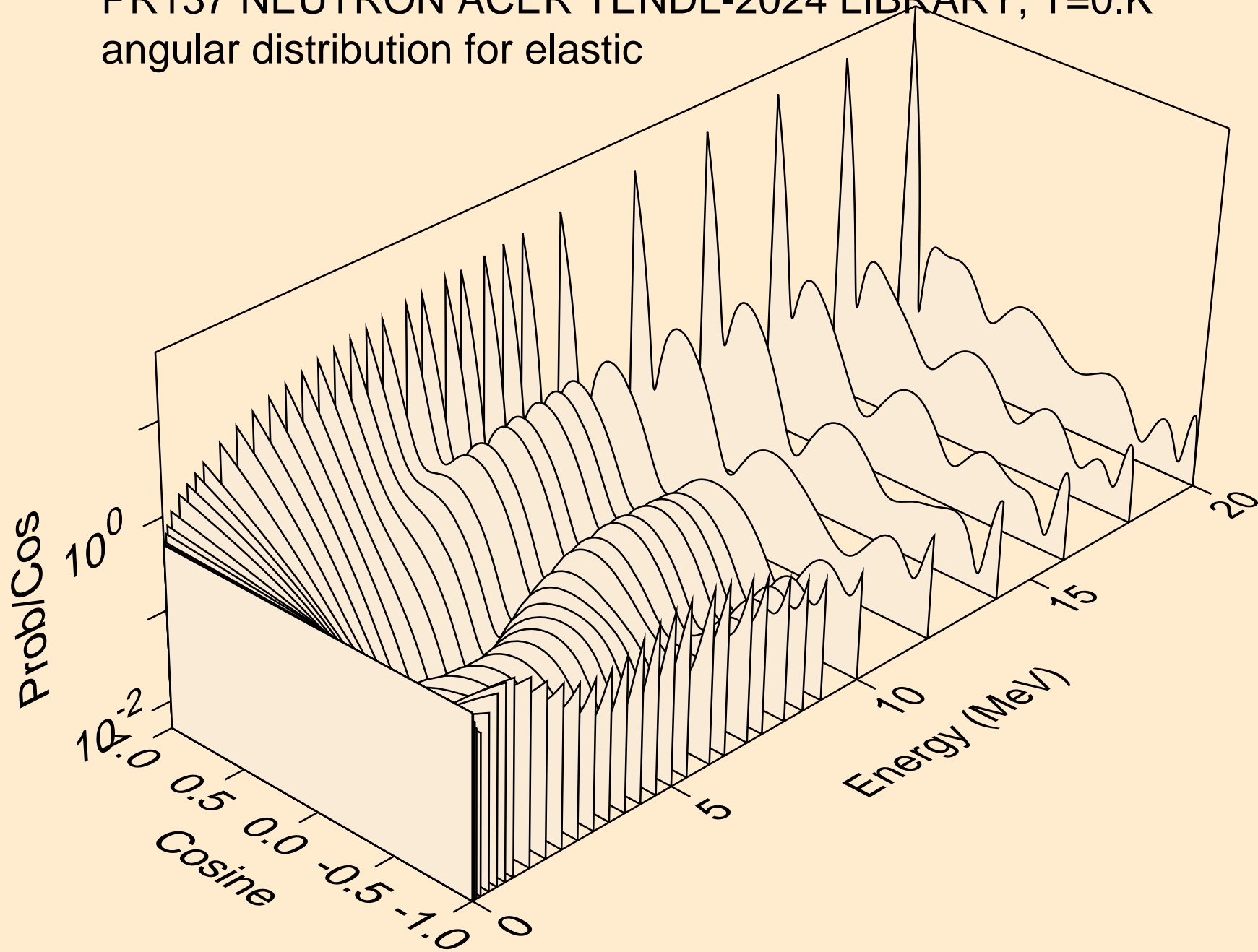
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



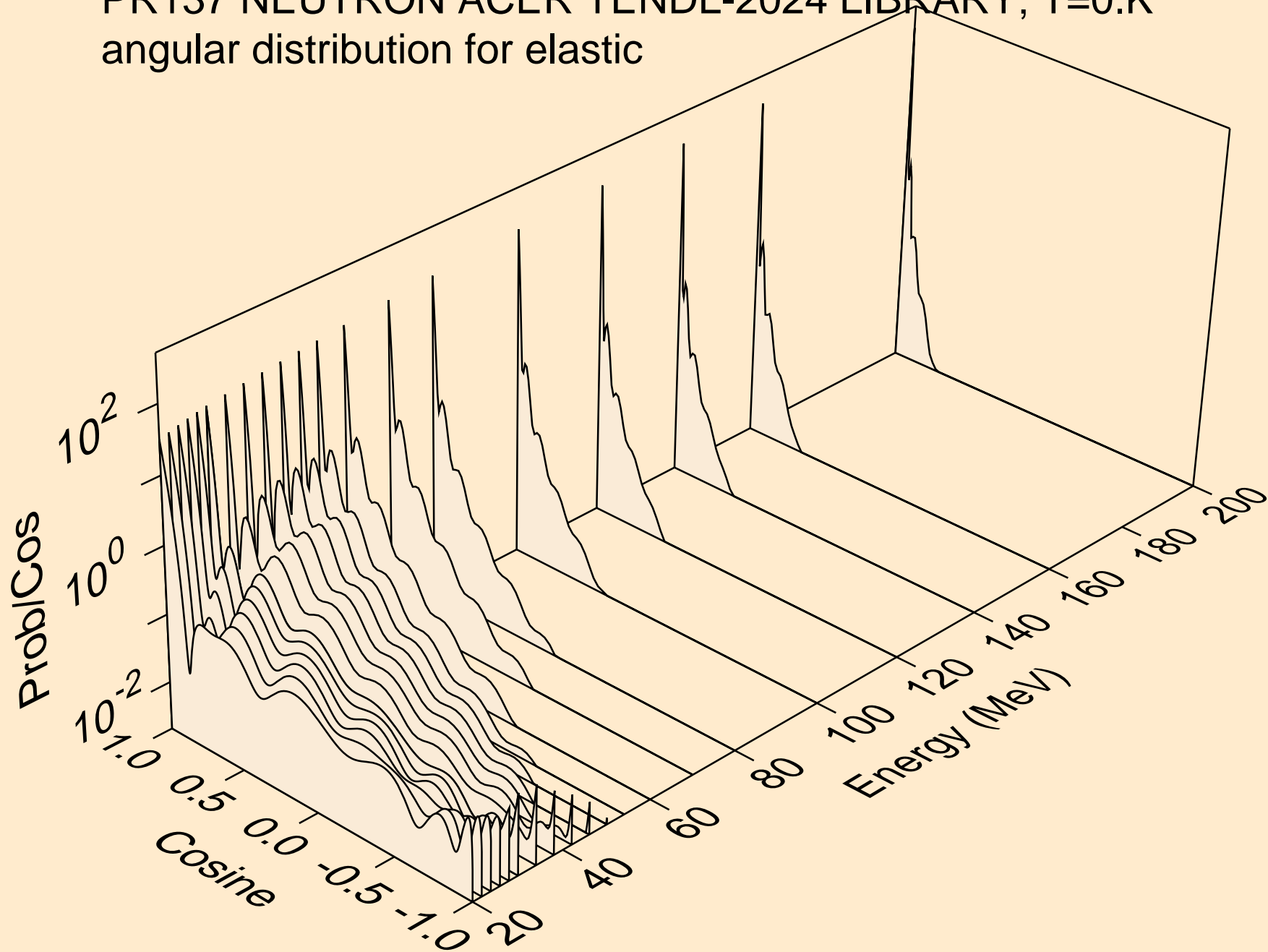
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



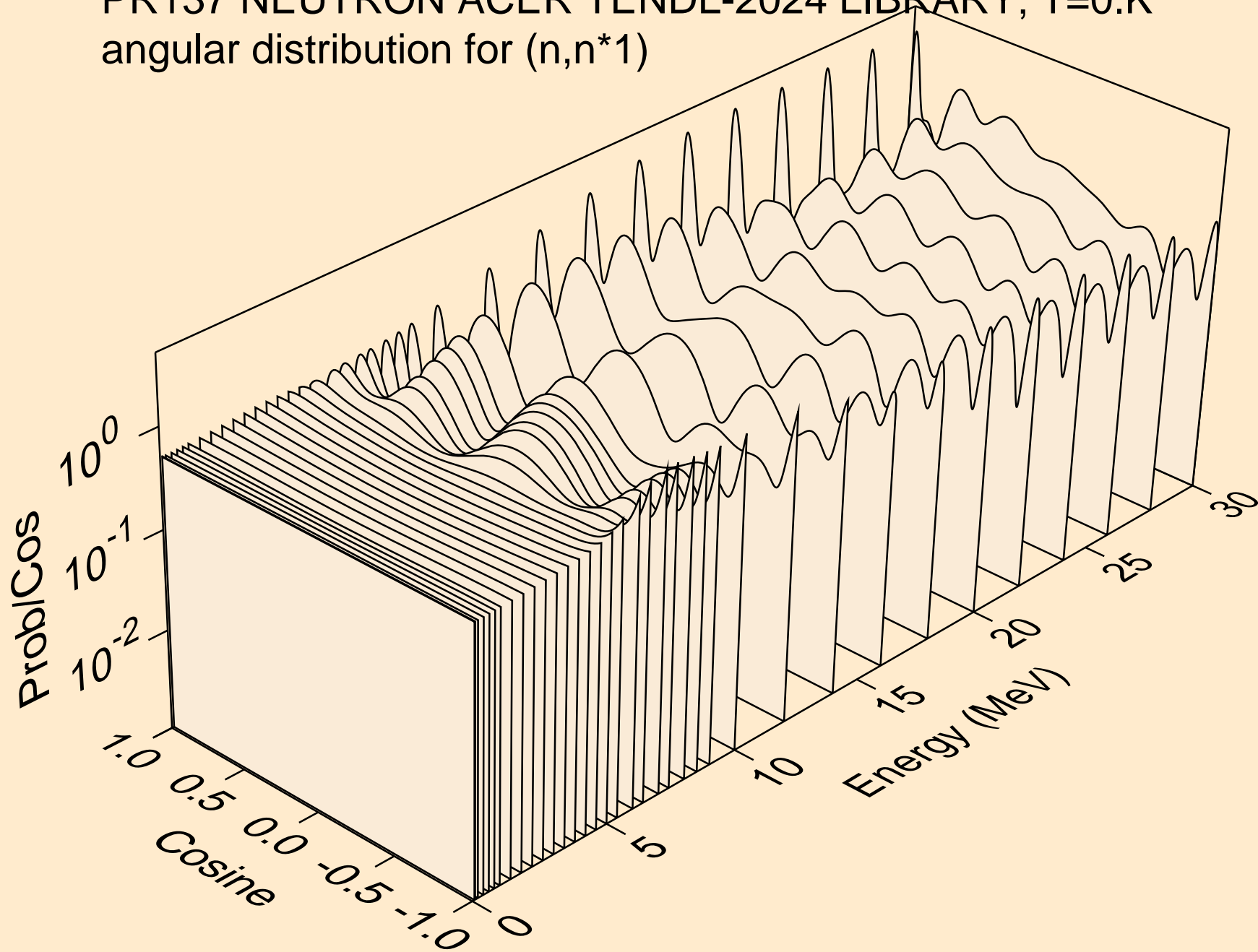
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



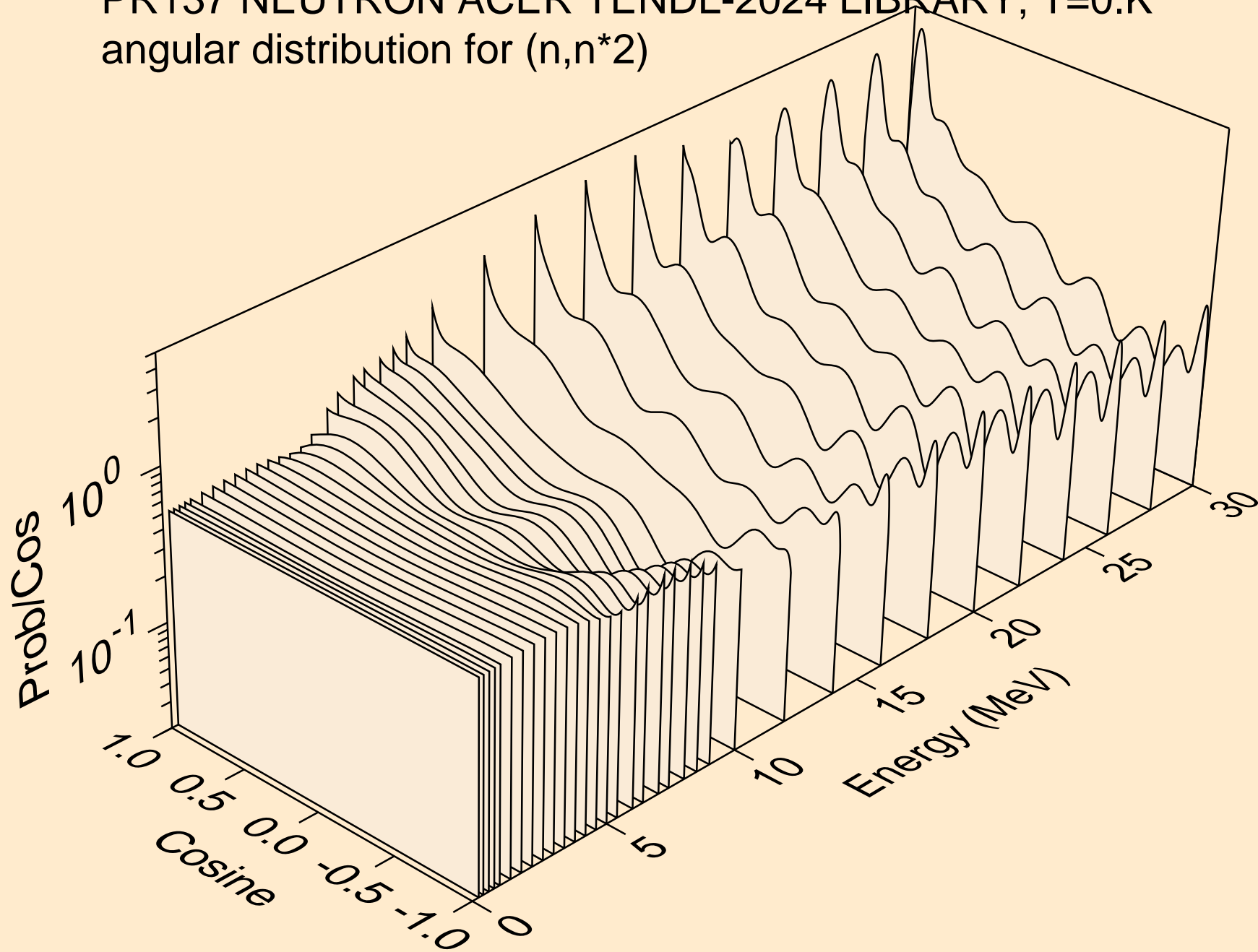
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angular distribution for elastic



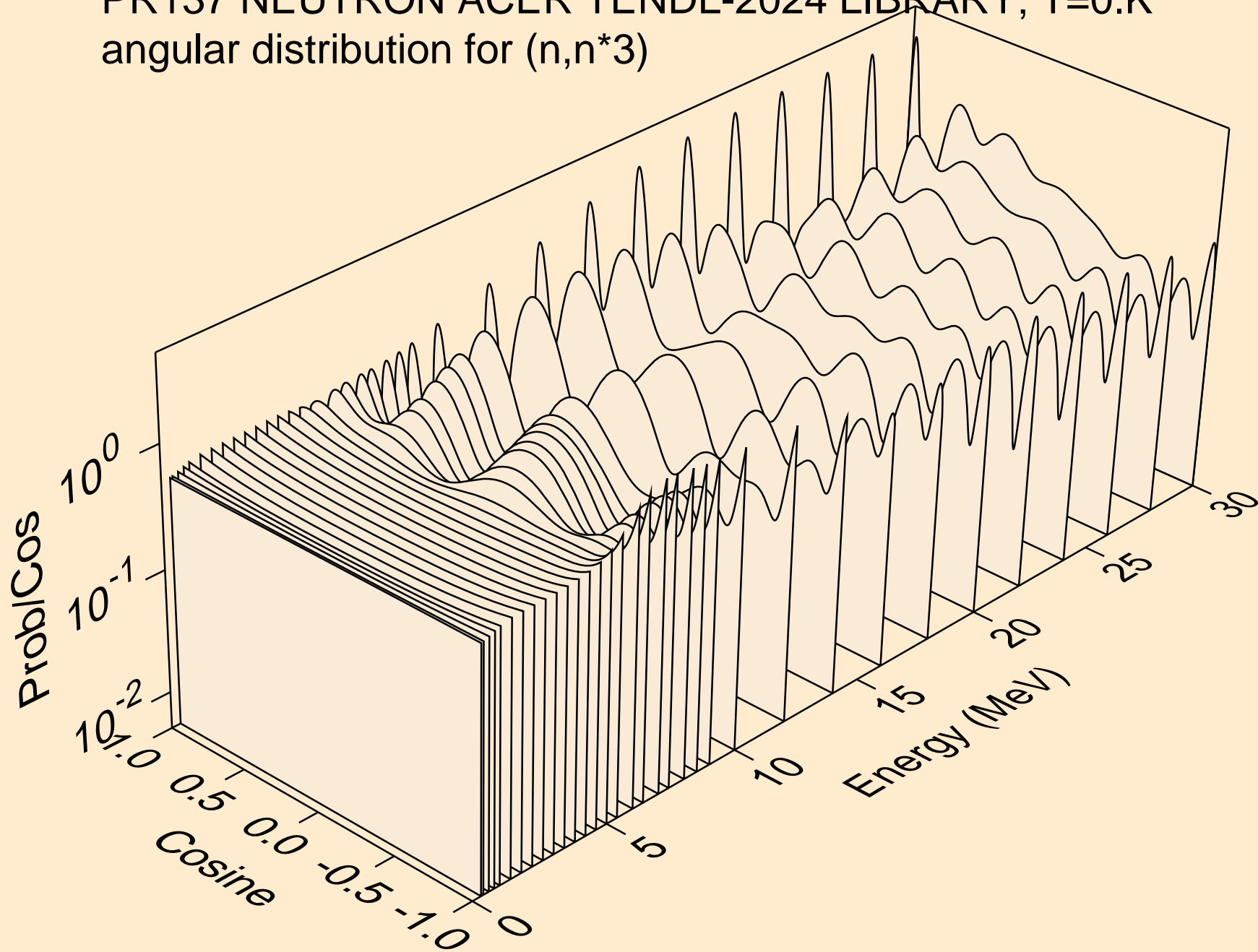
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

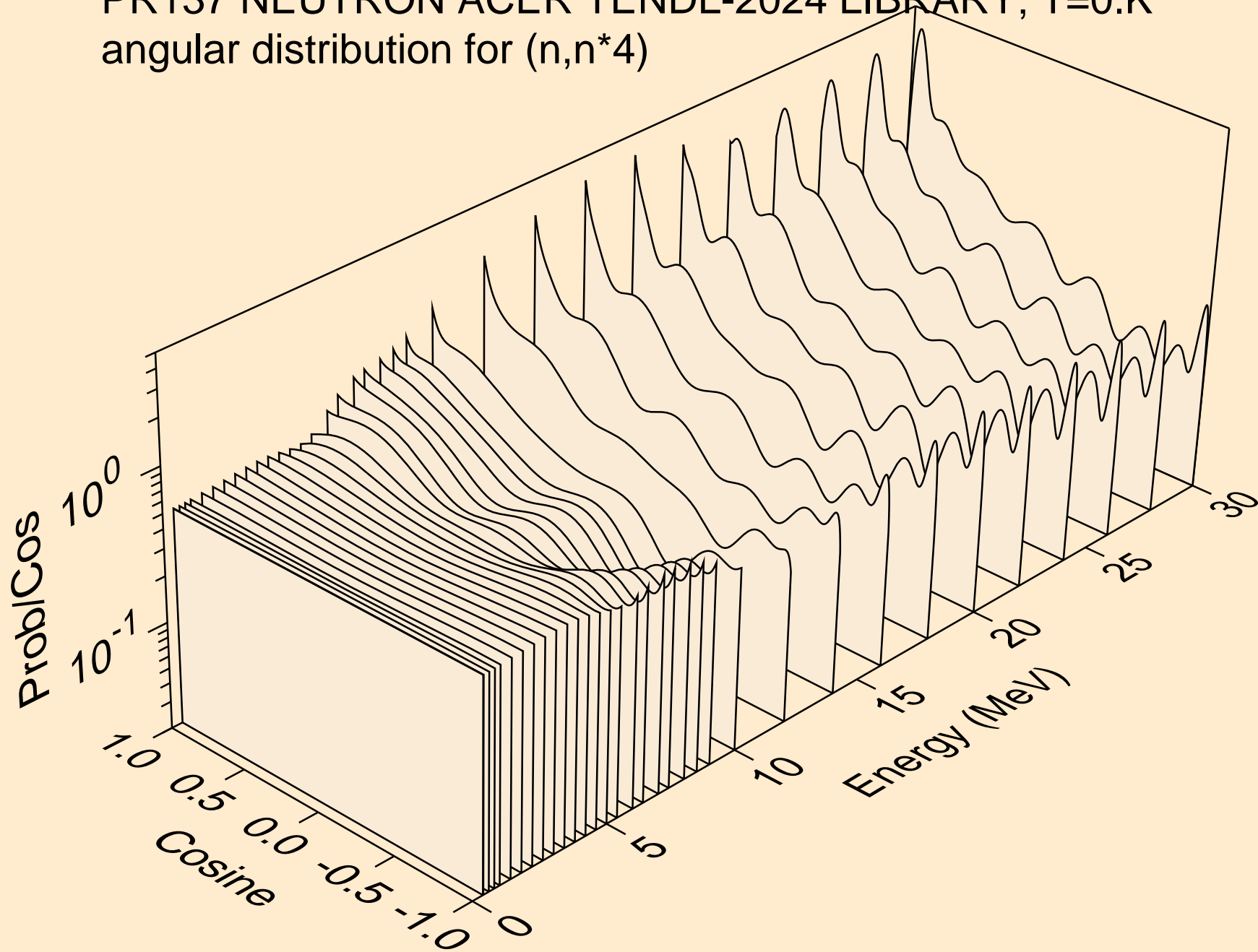


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

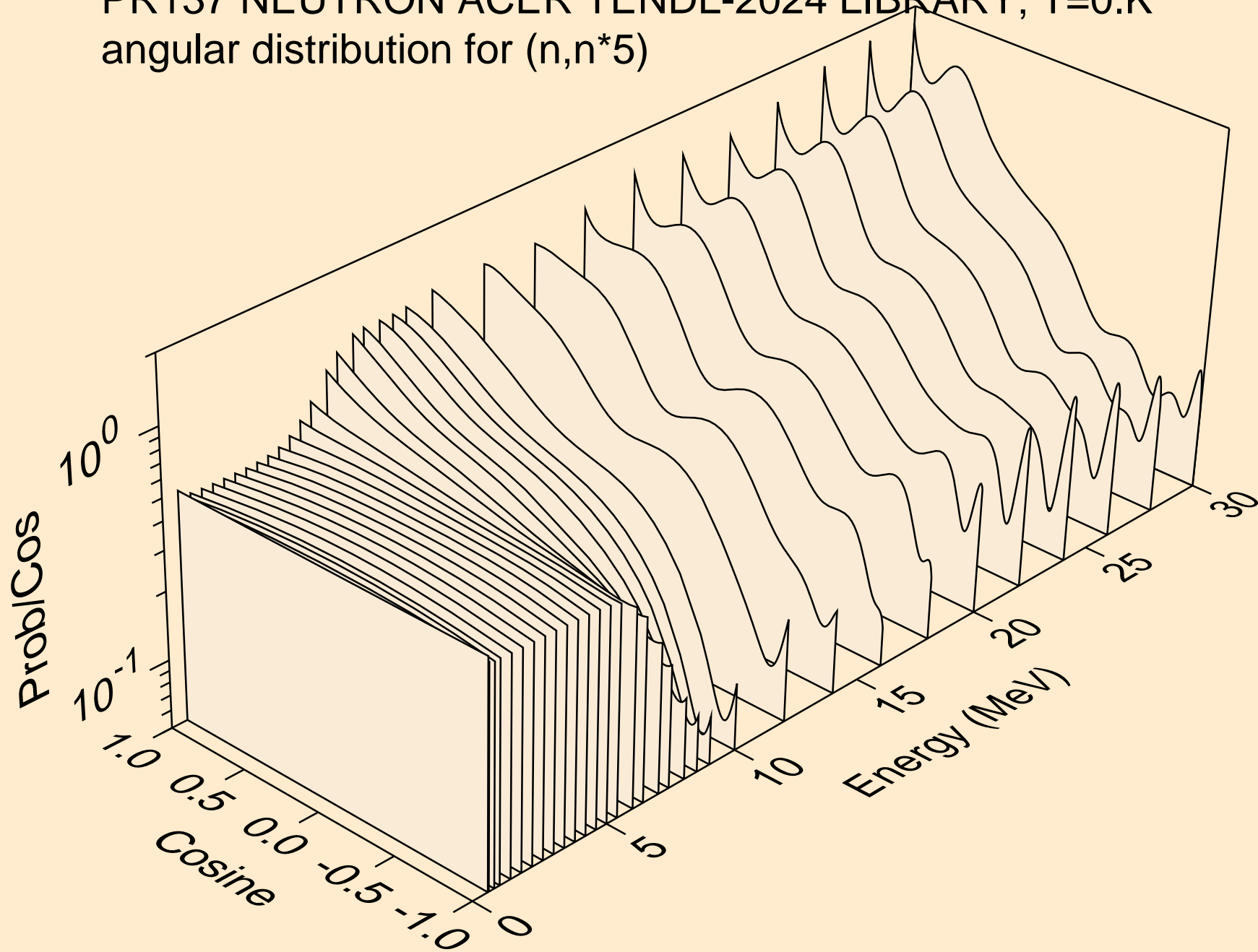




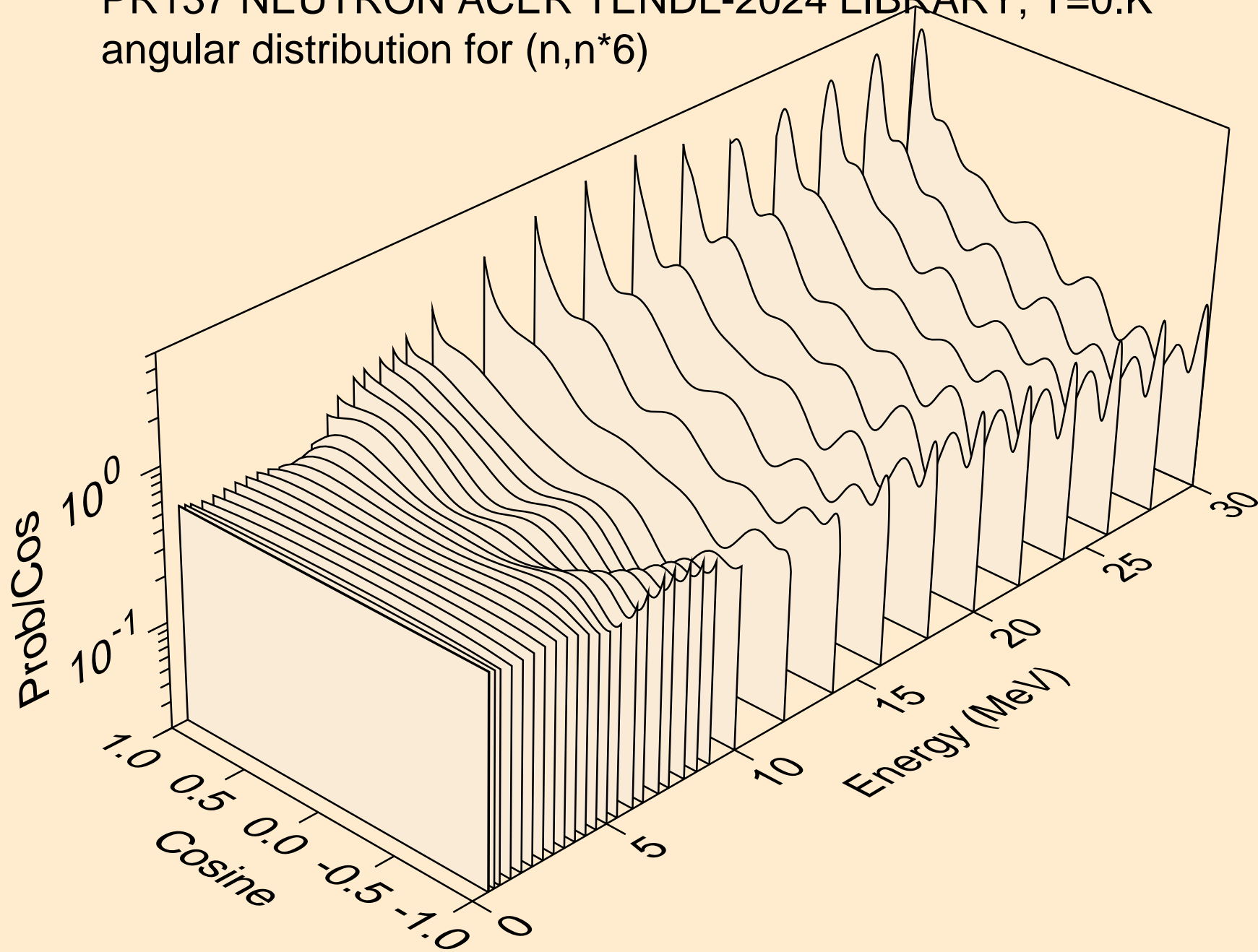
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



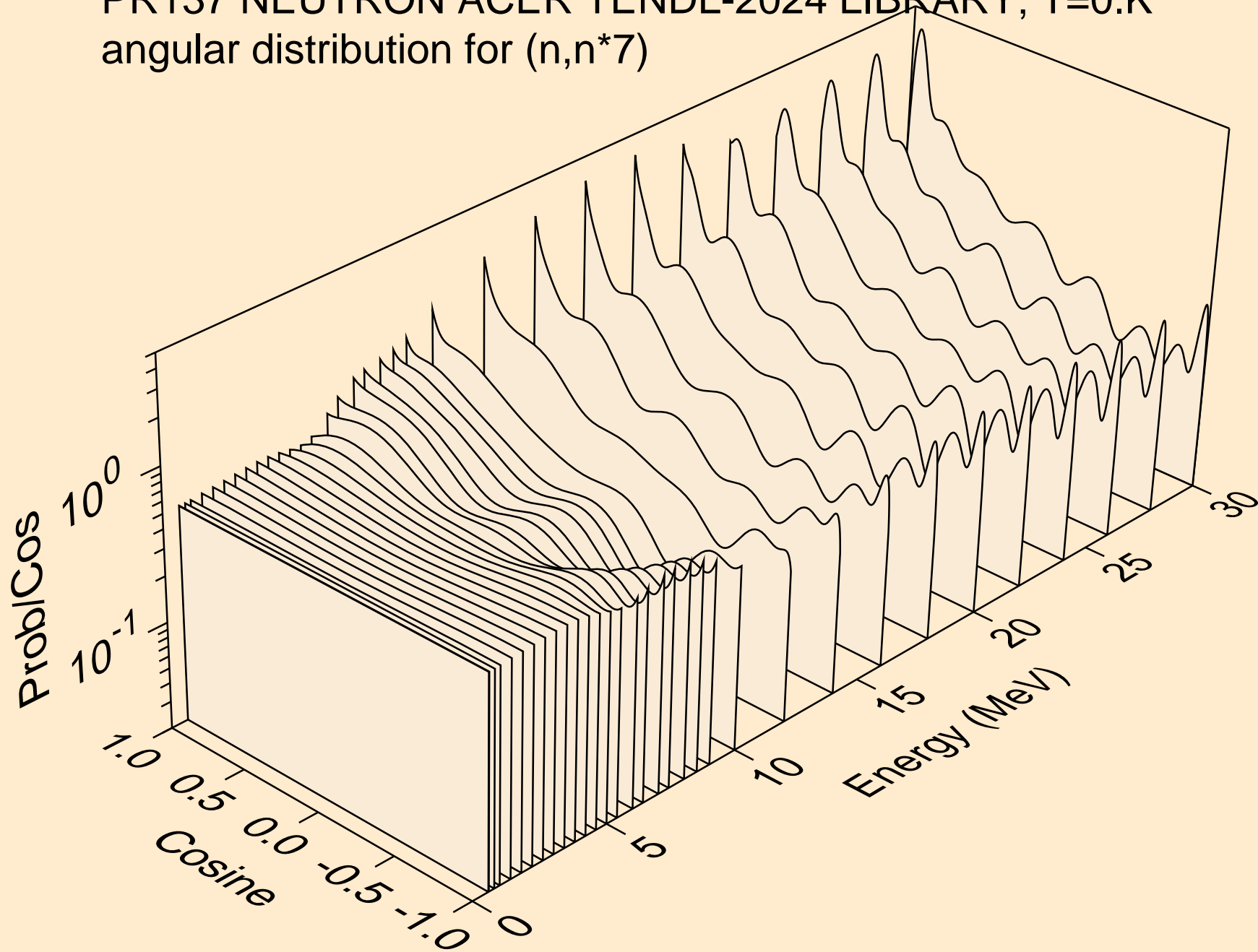
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



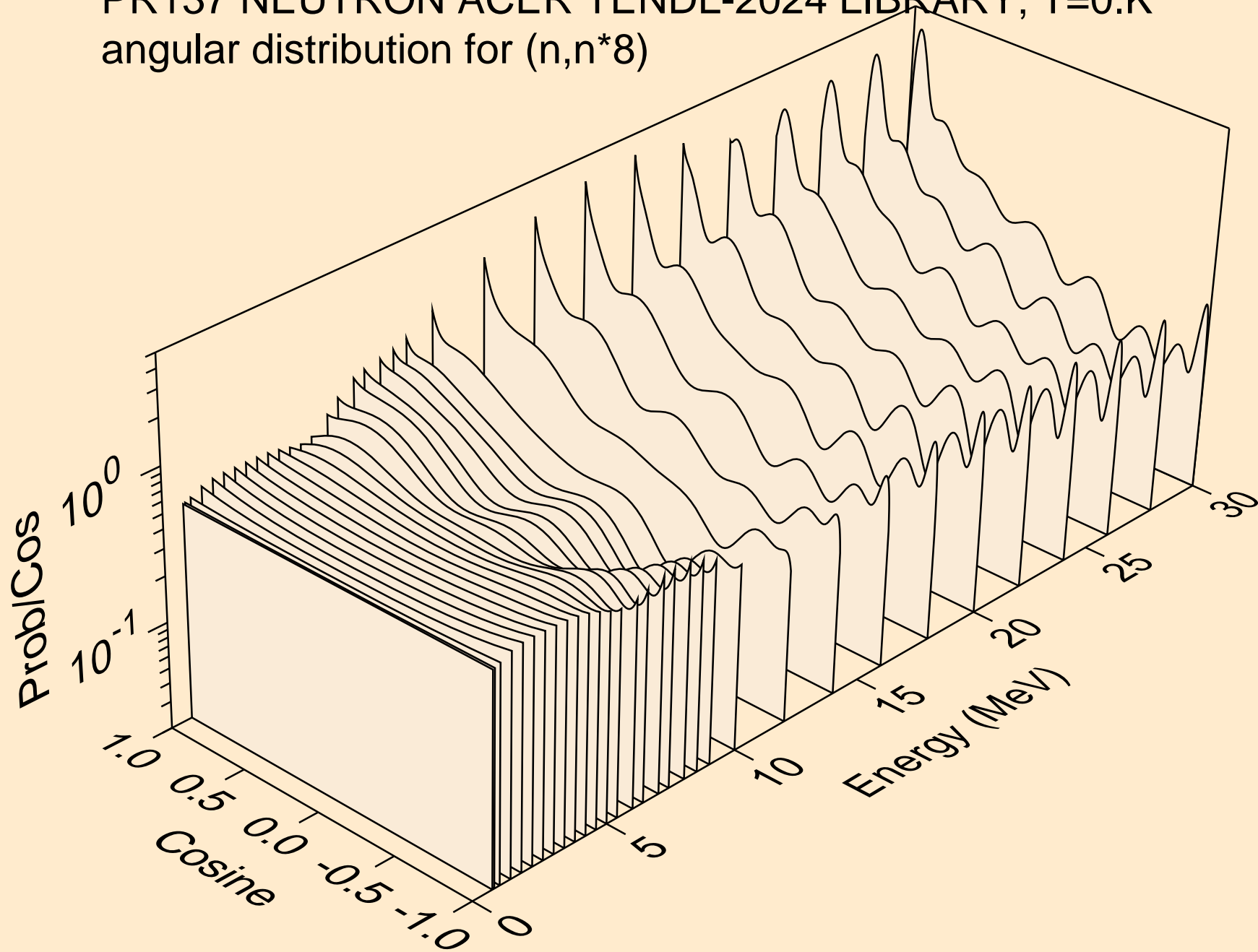
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



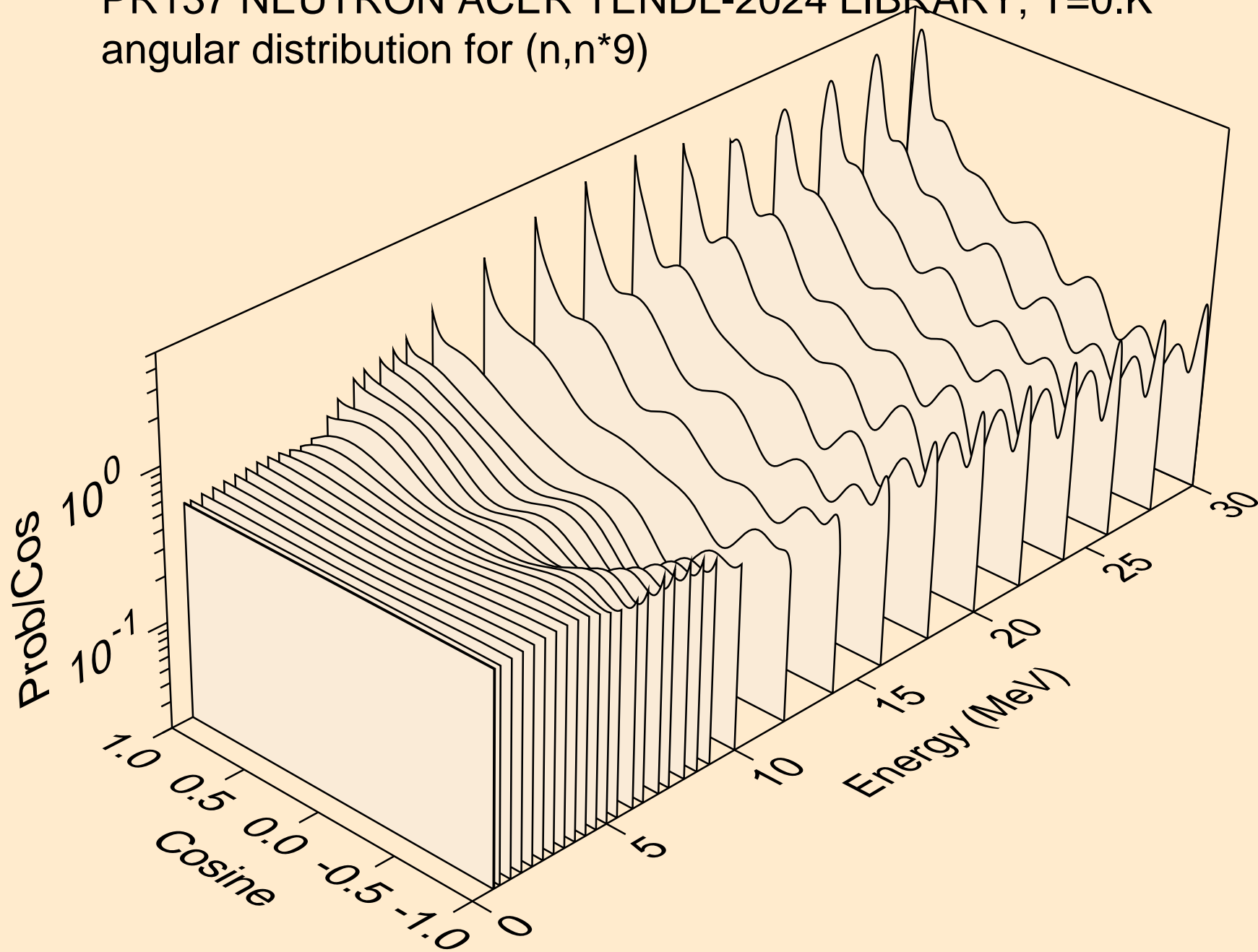
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



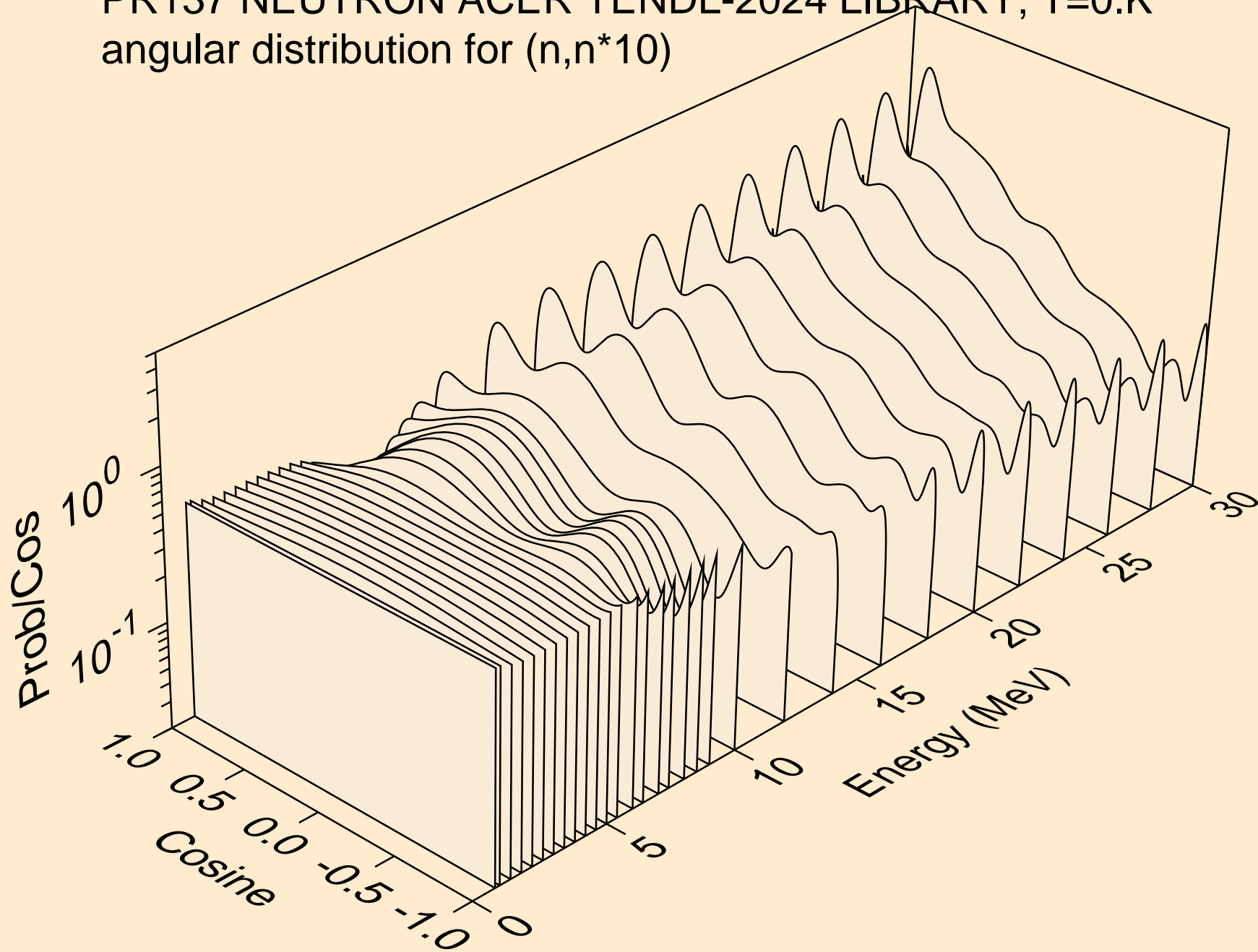
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angular distribution for (n,n\*8)



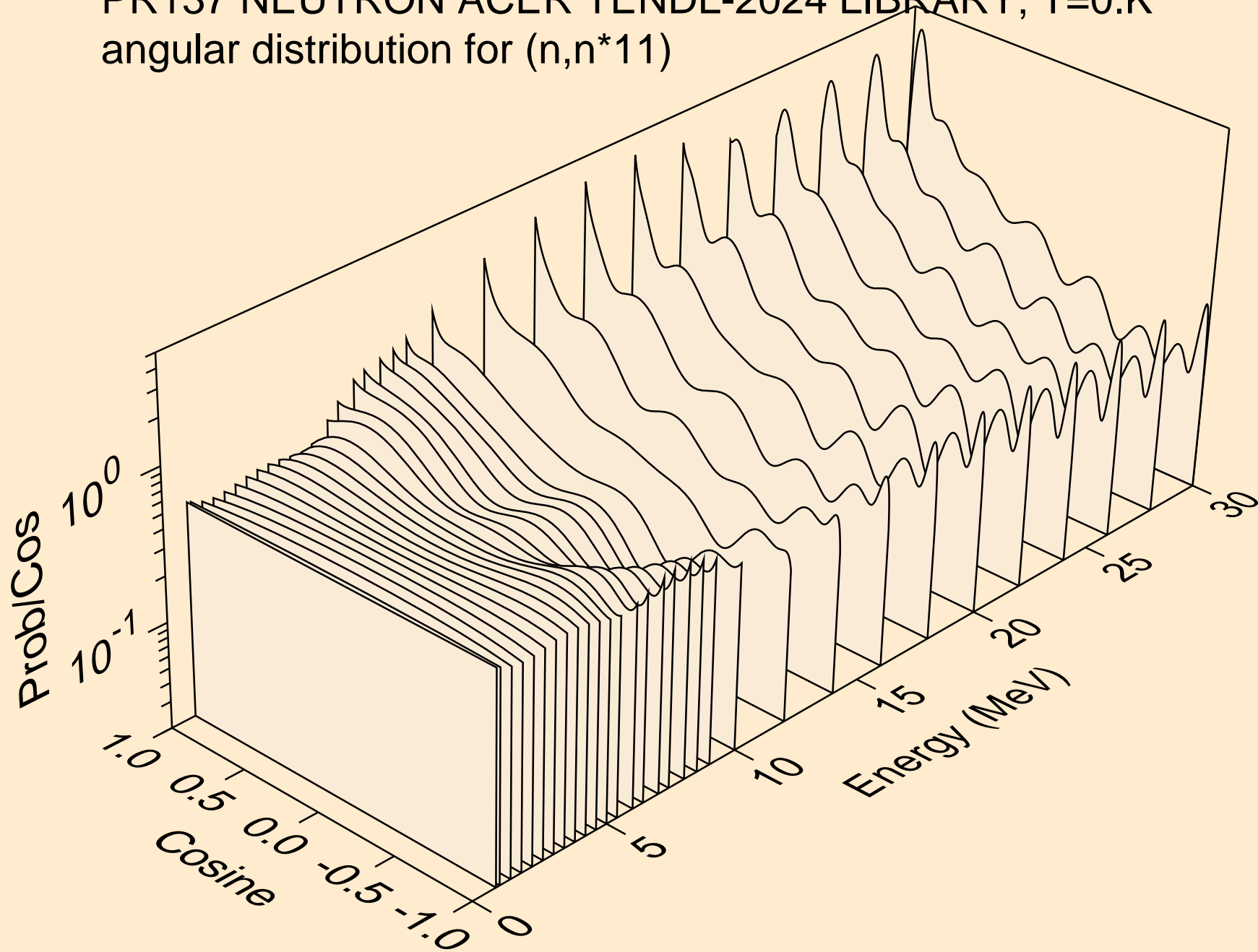
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

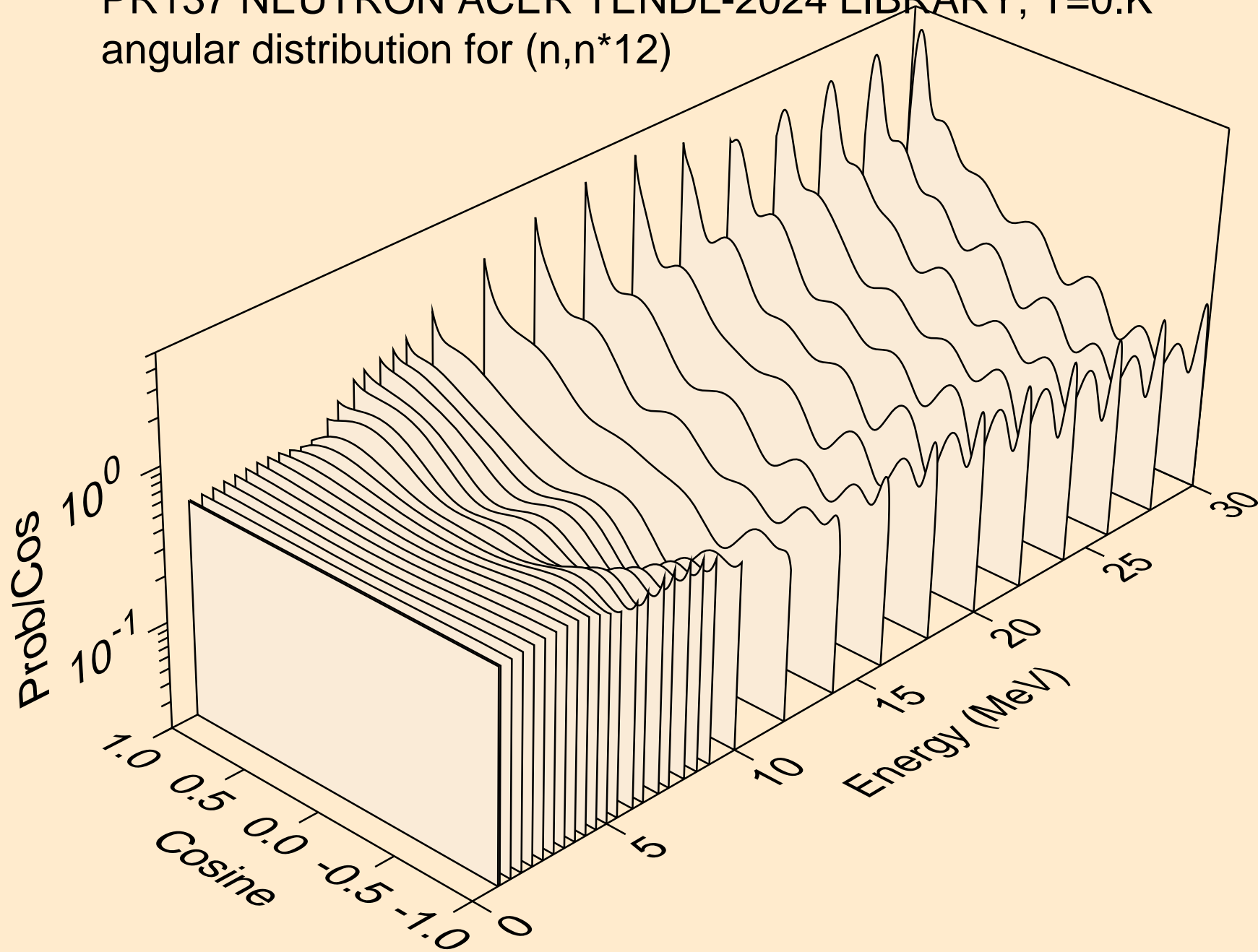


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

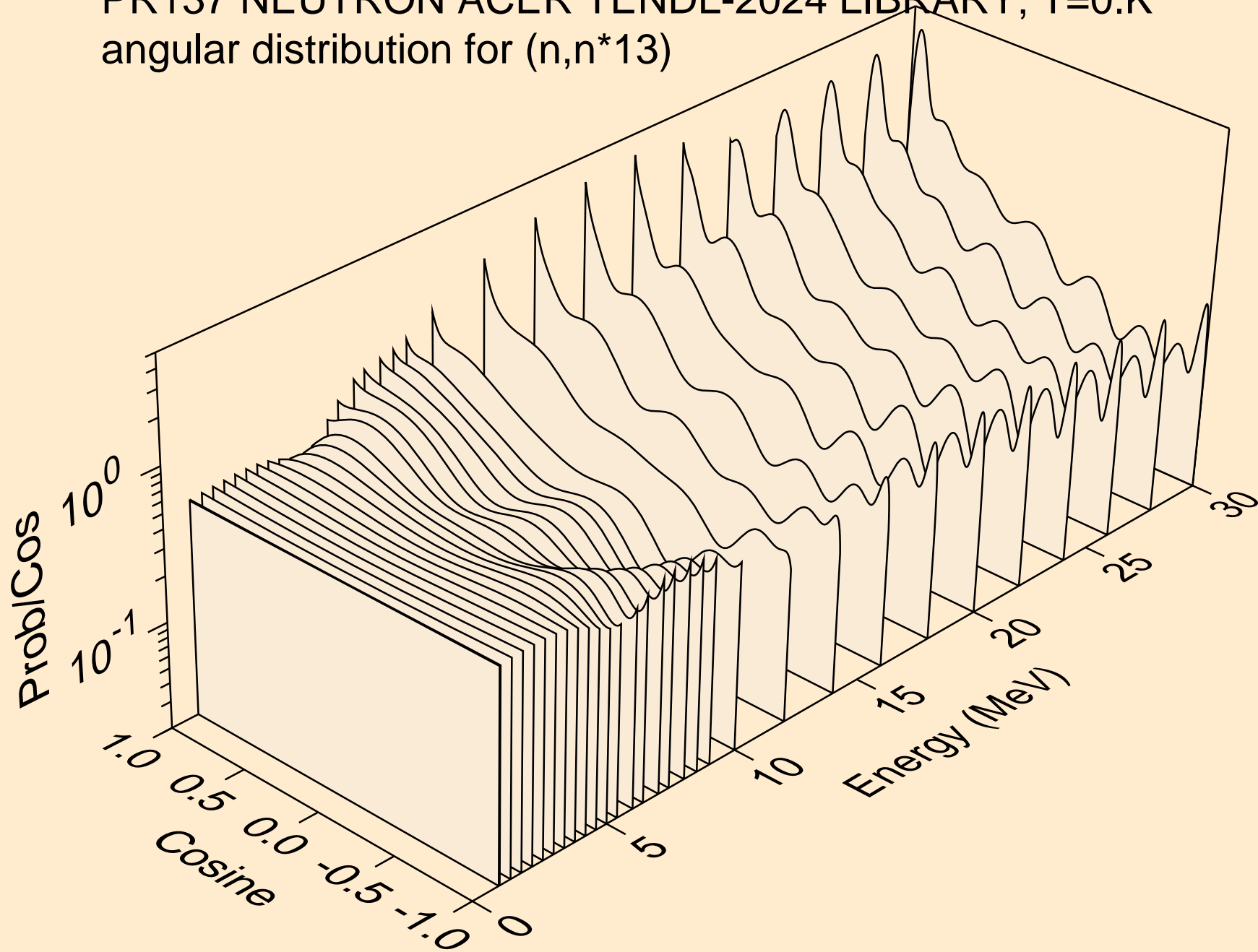




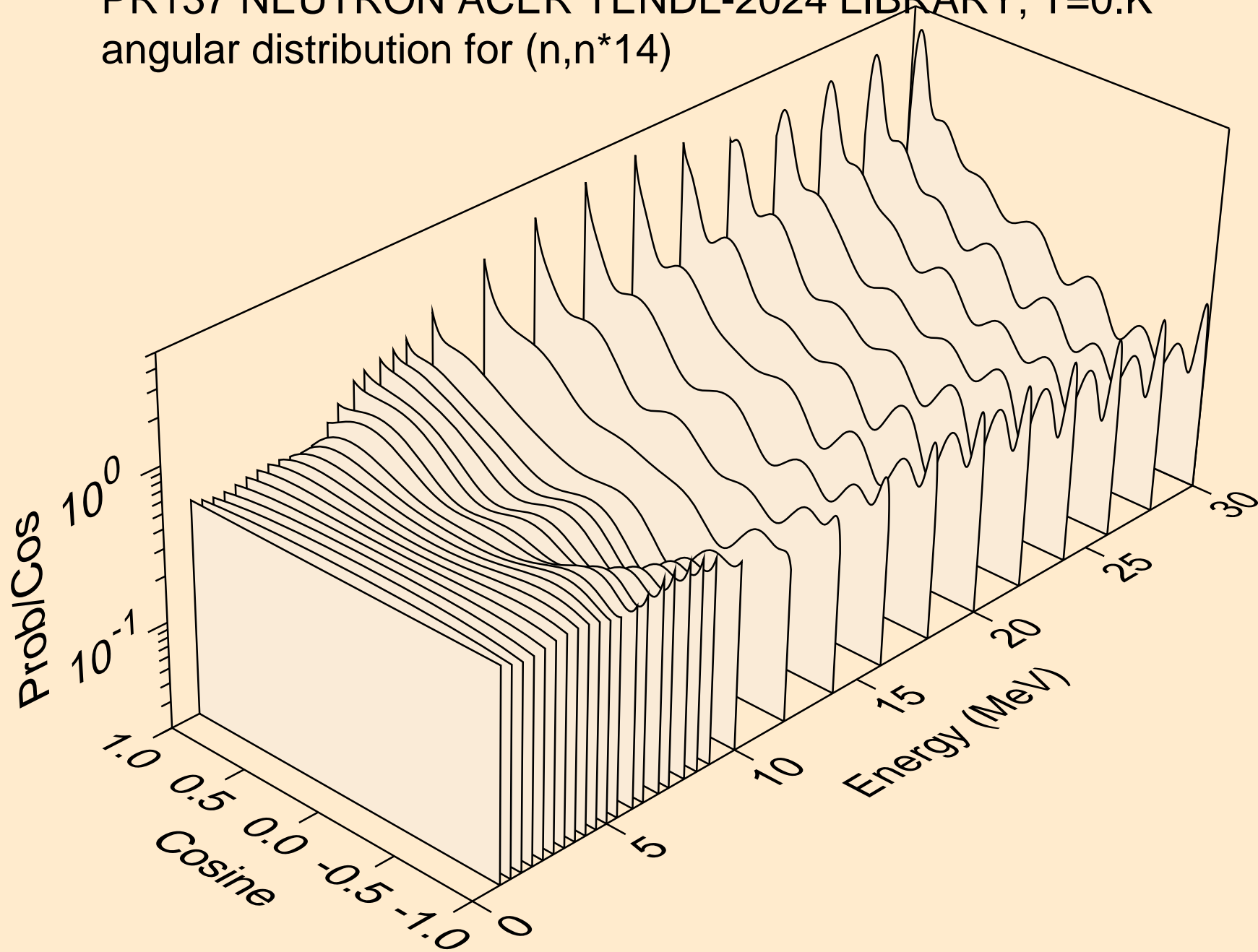
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



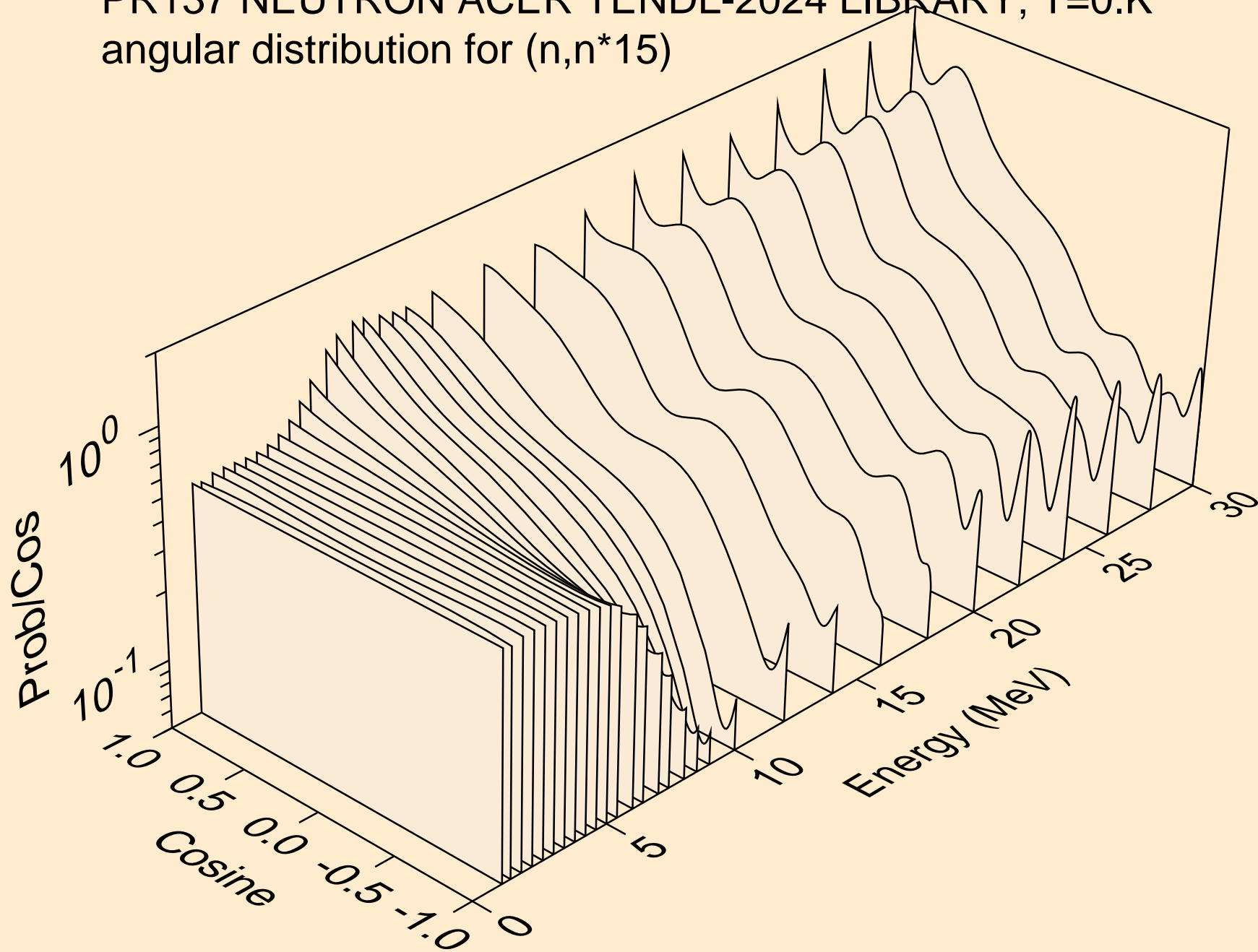
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



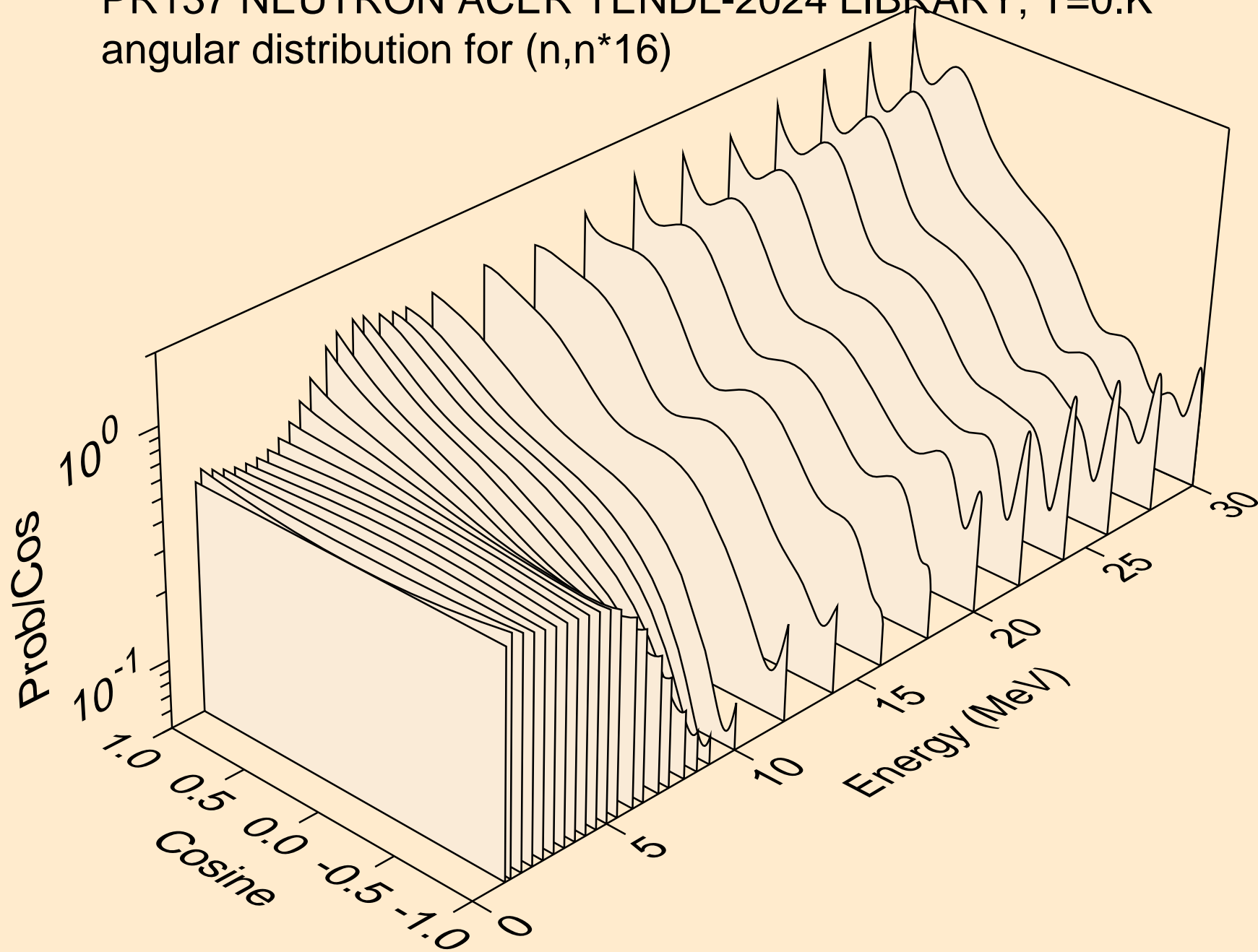
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angular distribution for (n,n\*14)



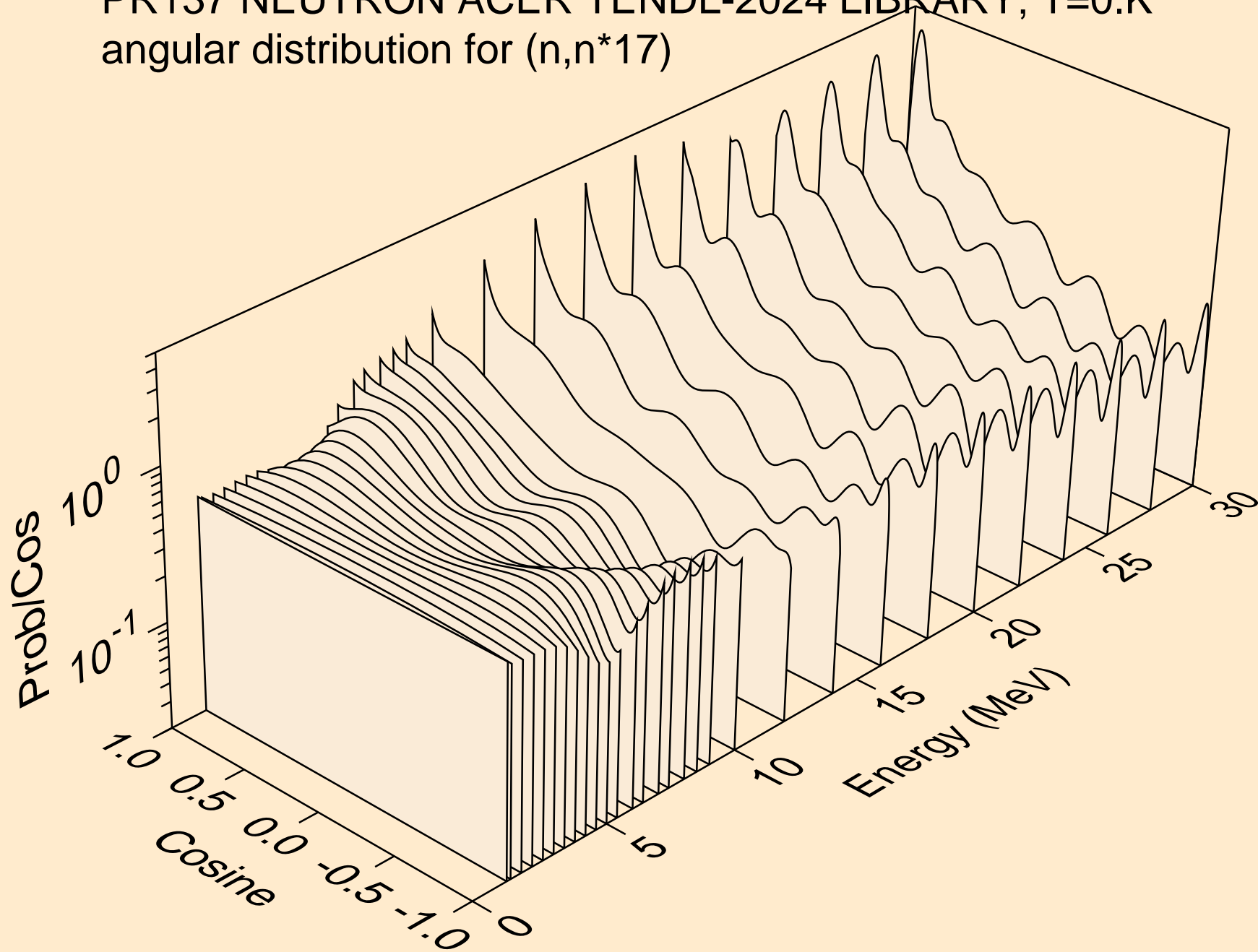
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angular distribution for (n,n\*15)



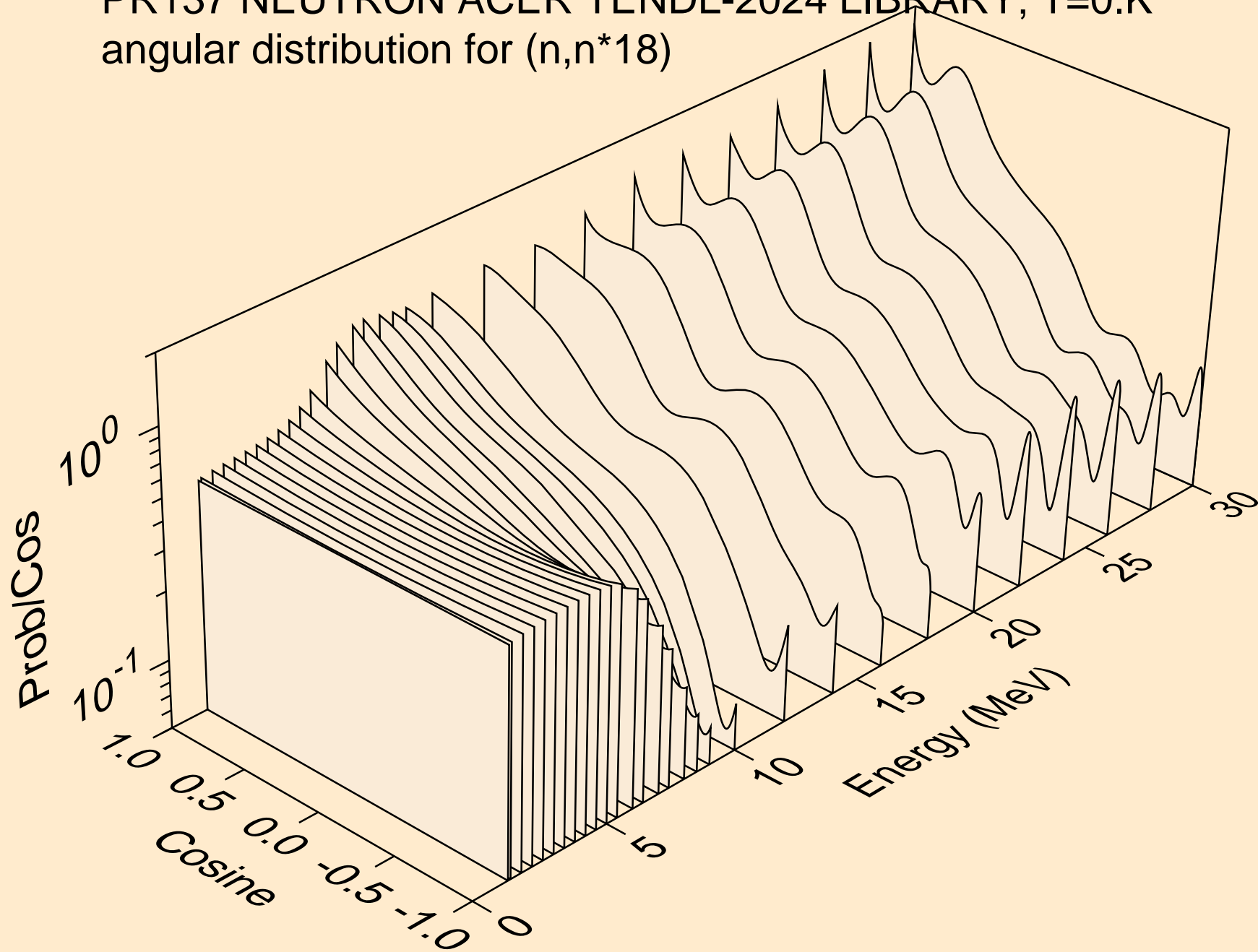
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angular distribution for (n,n\*16)



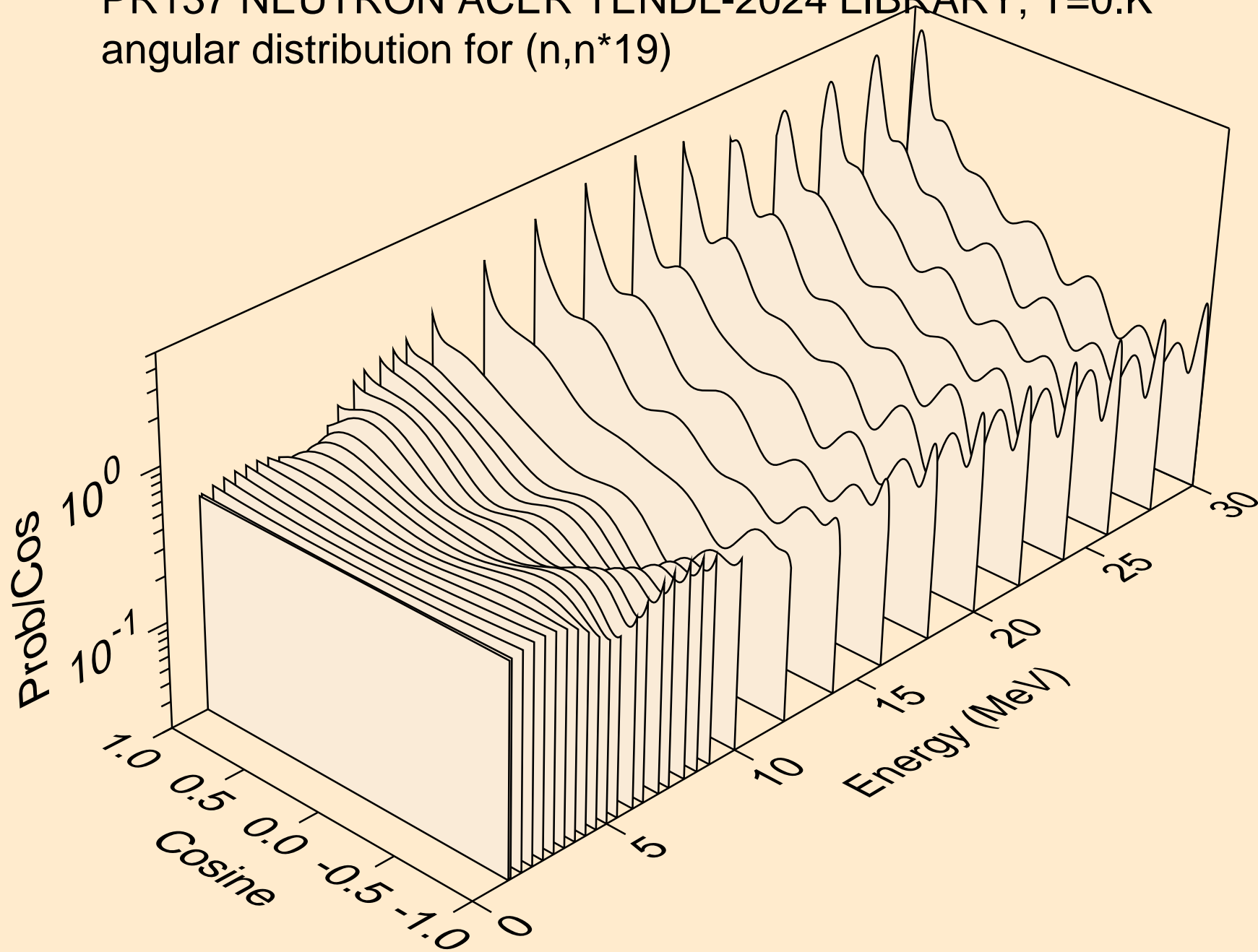
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

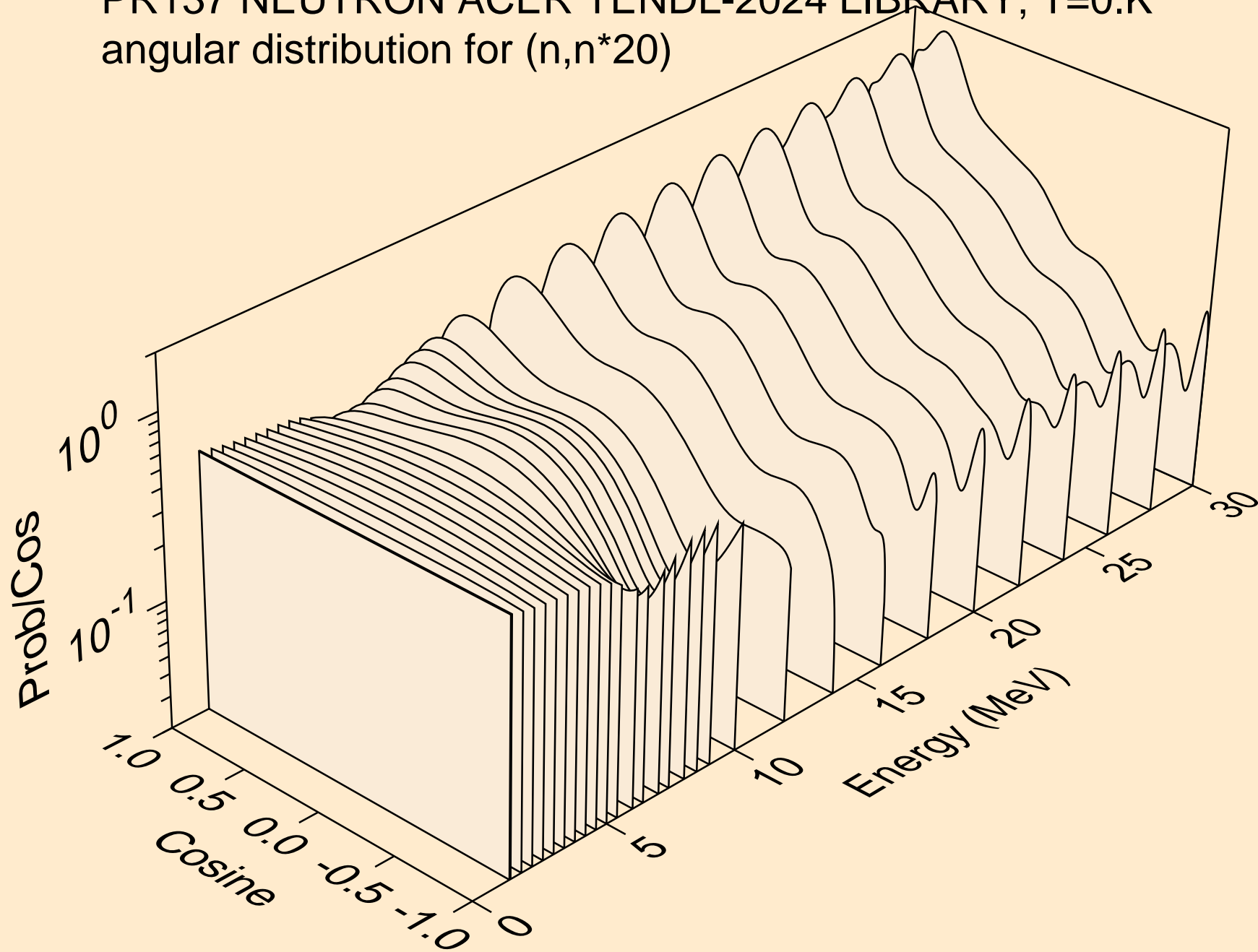


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

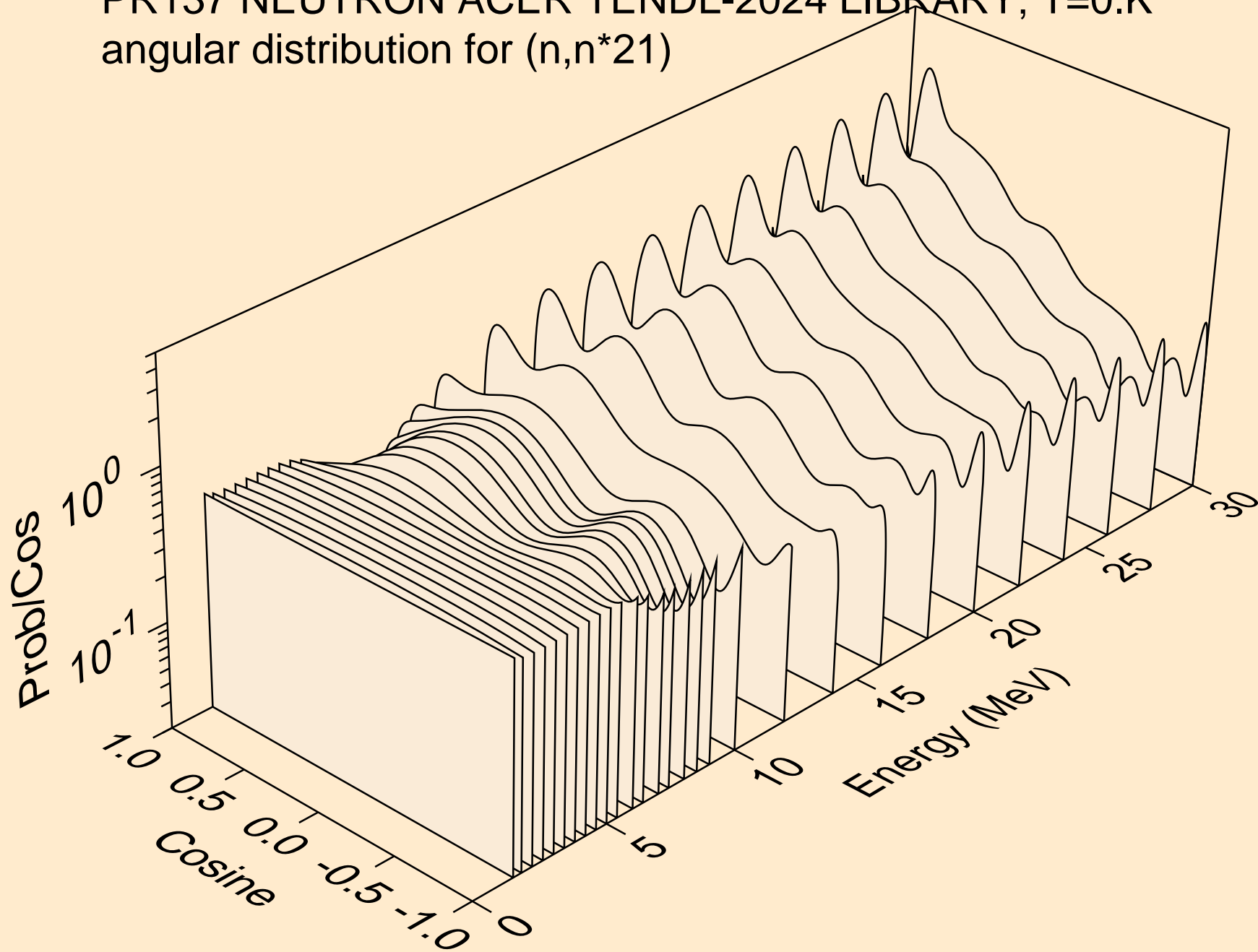




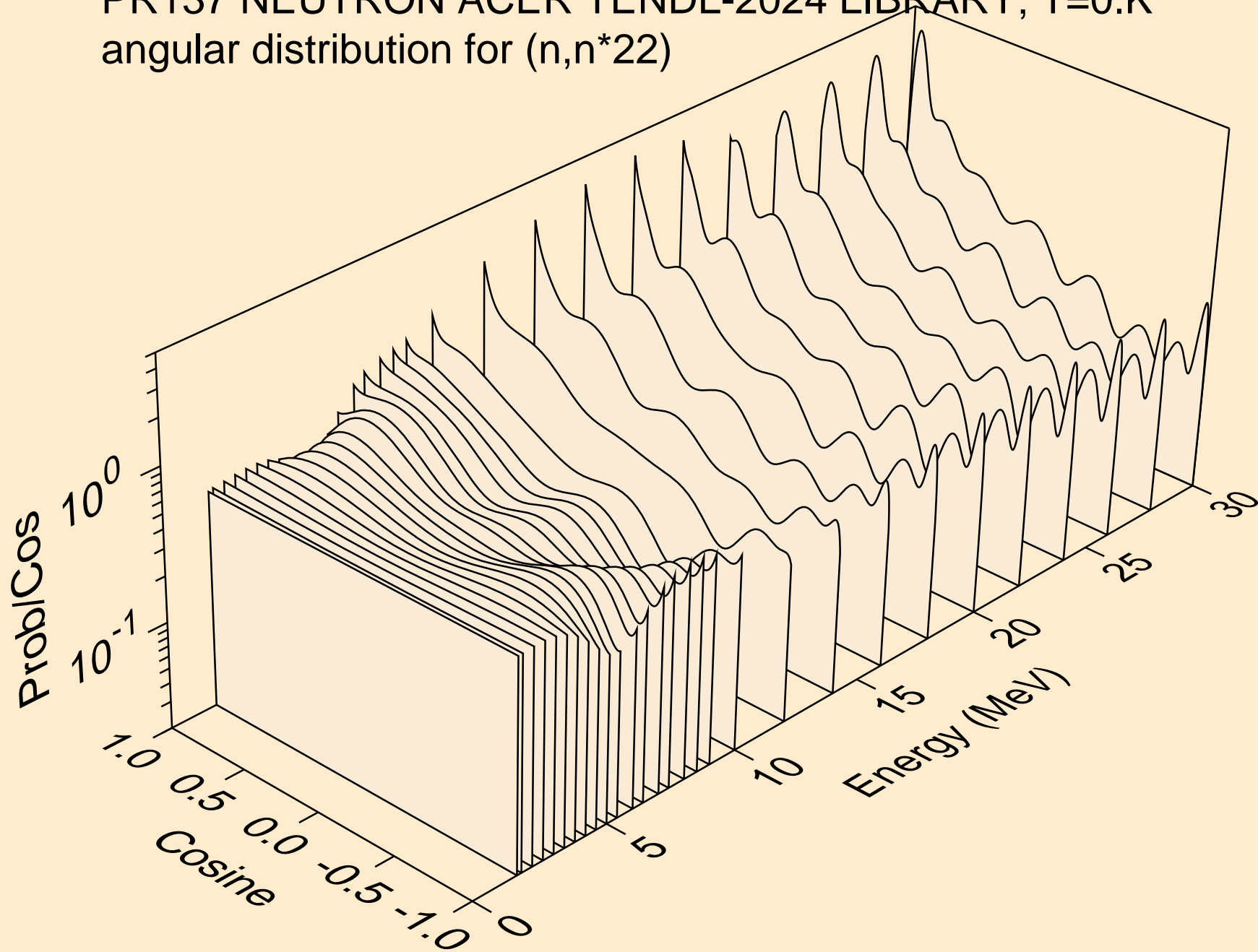
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



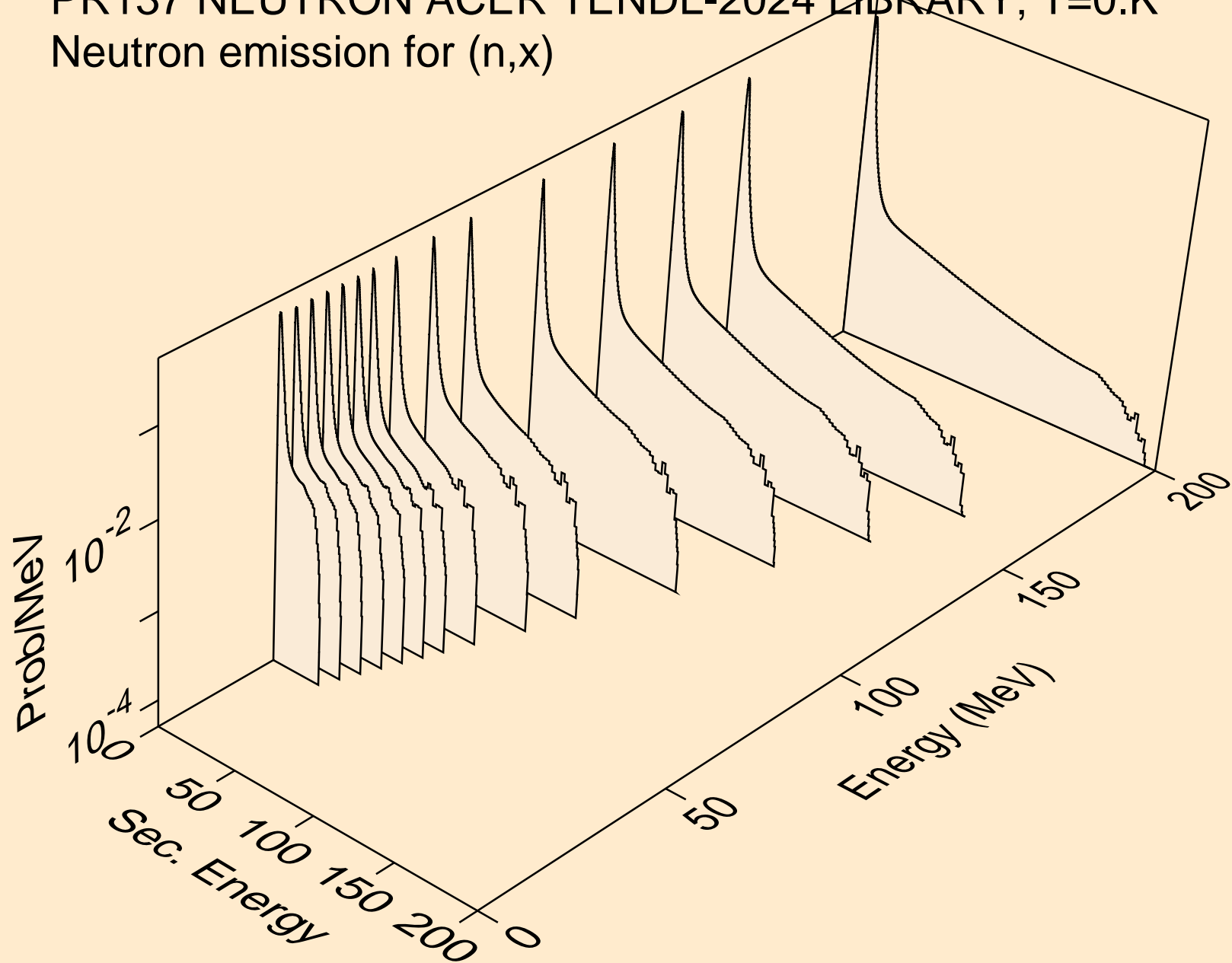
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



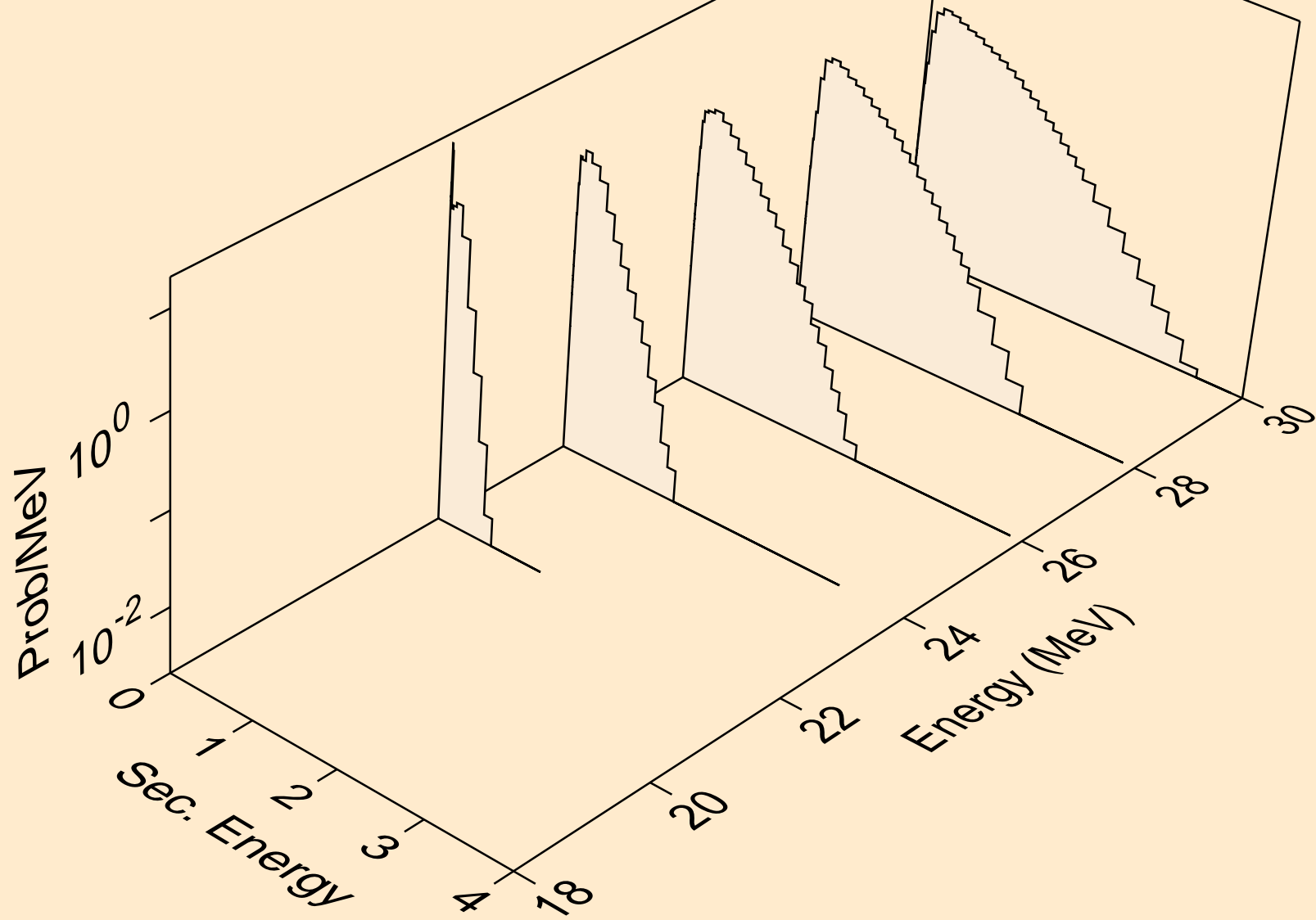
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



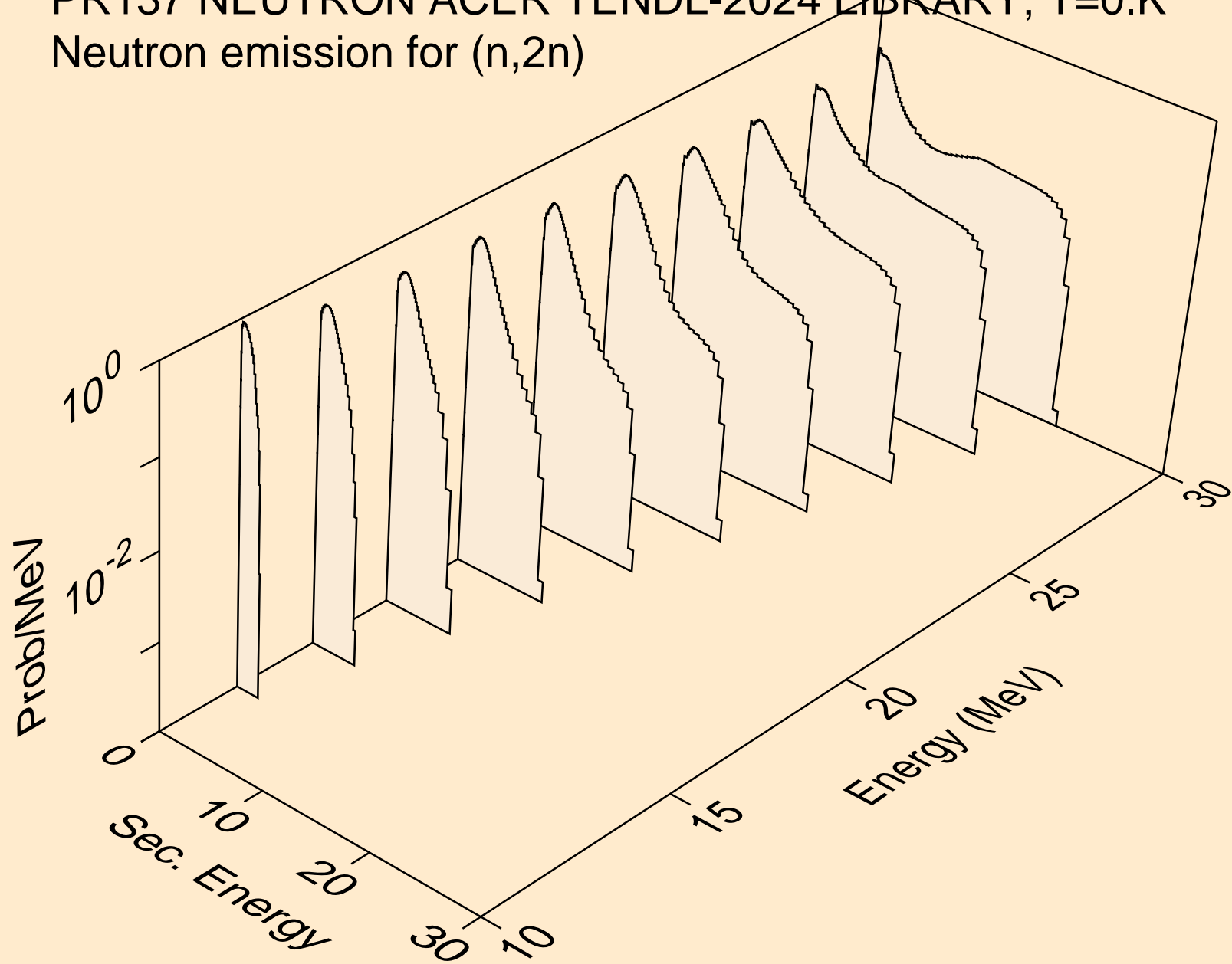
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



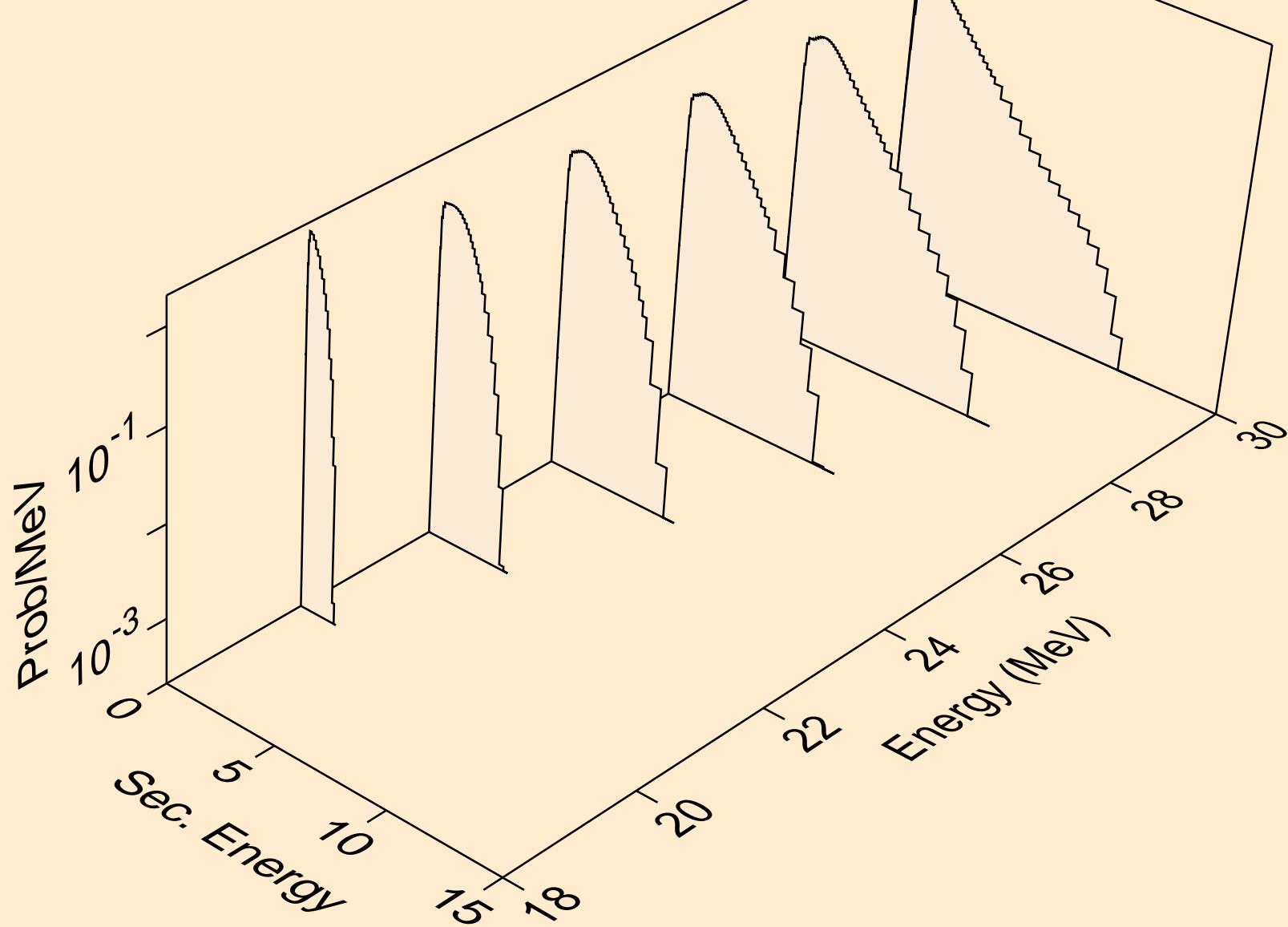
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



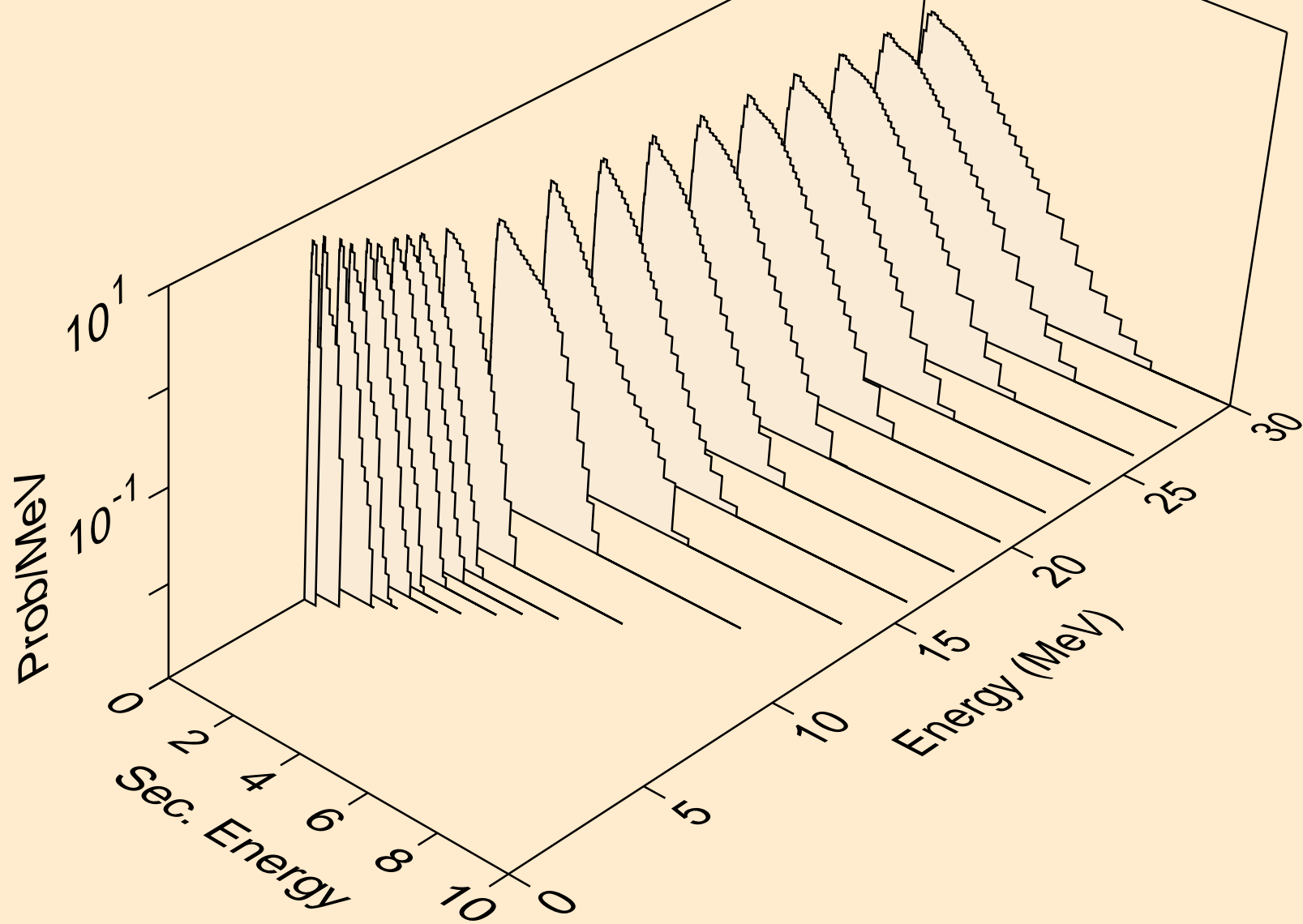
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

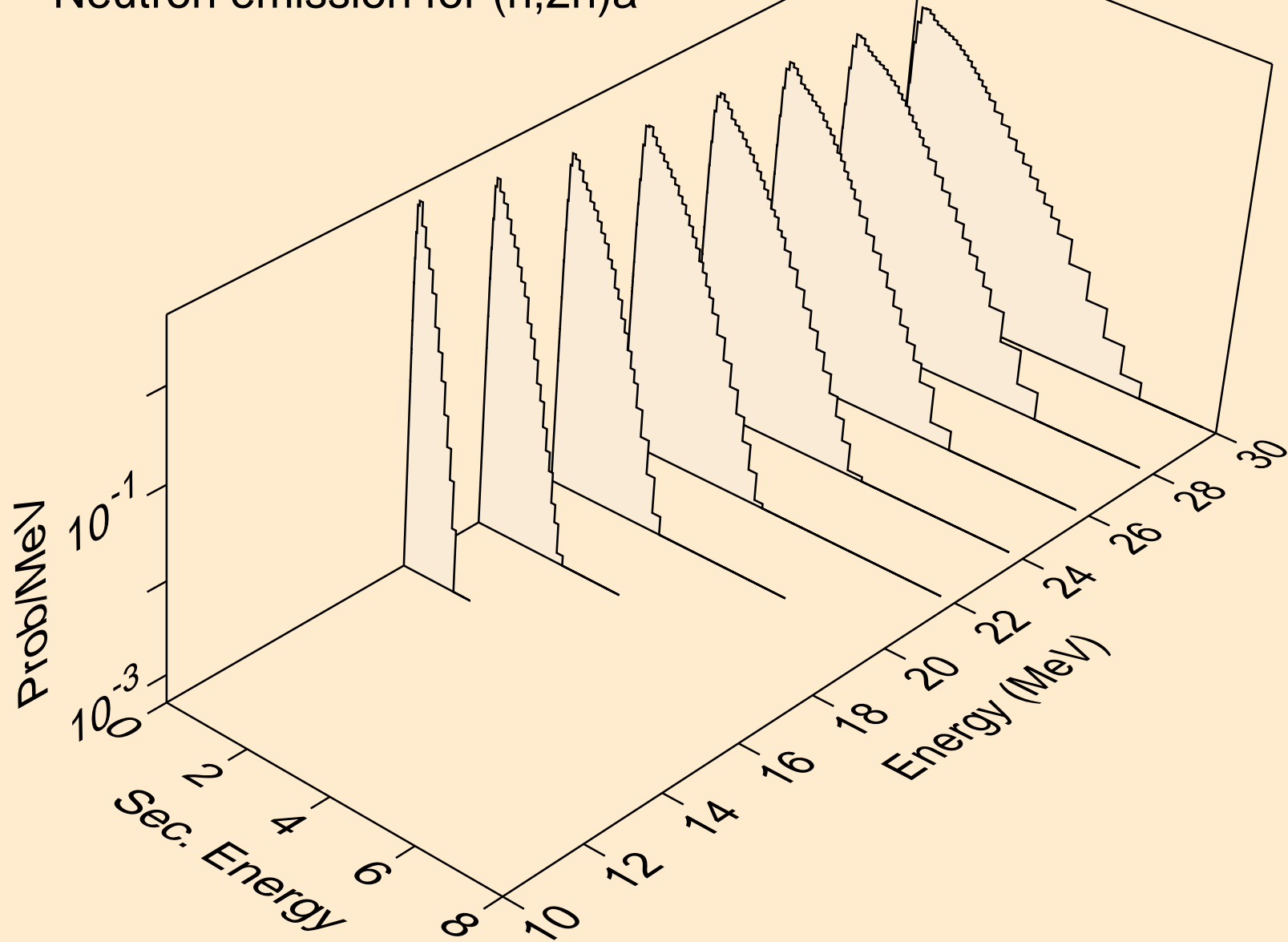


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

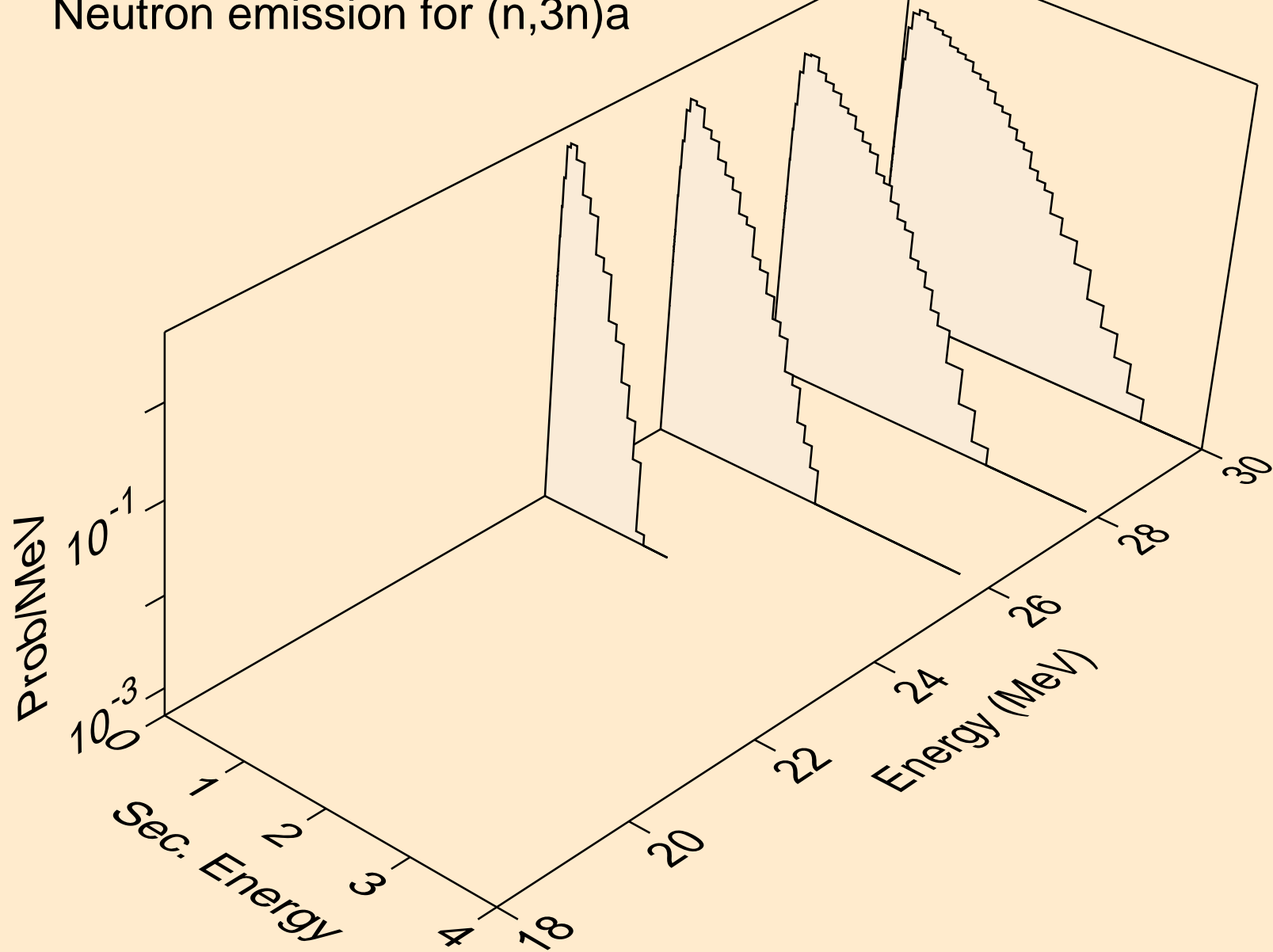




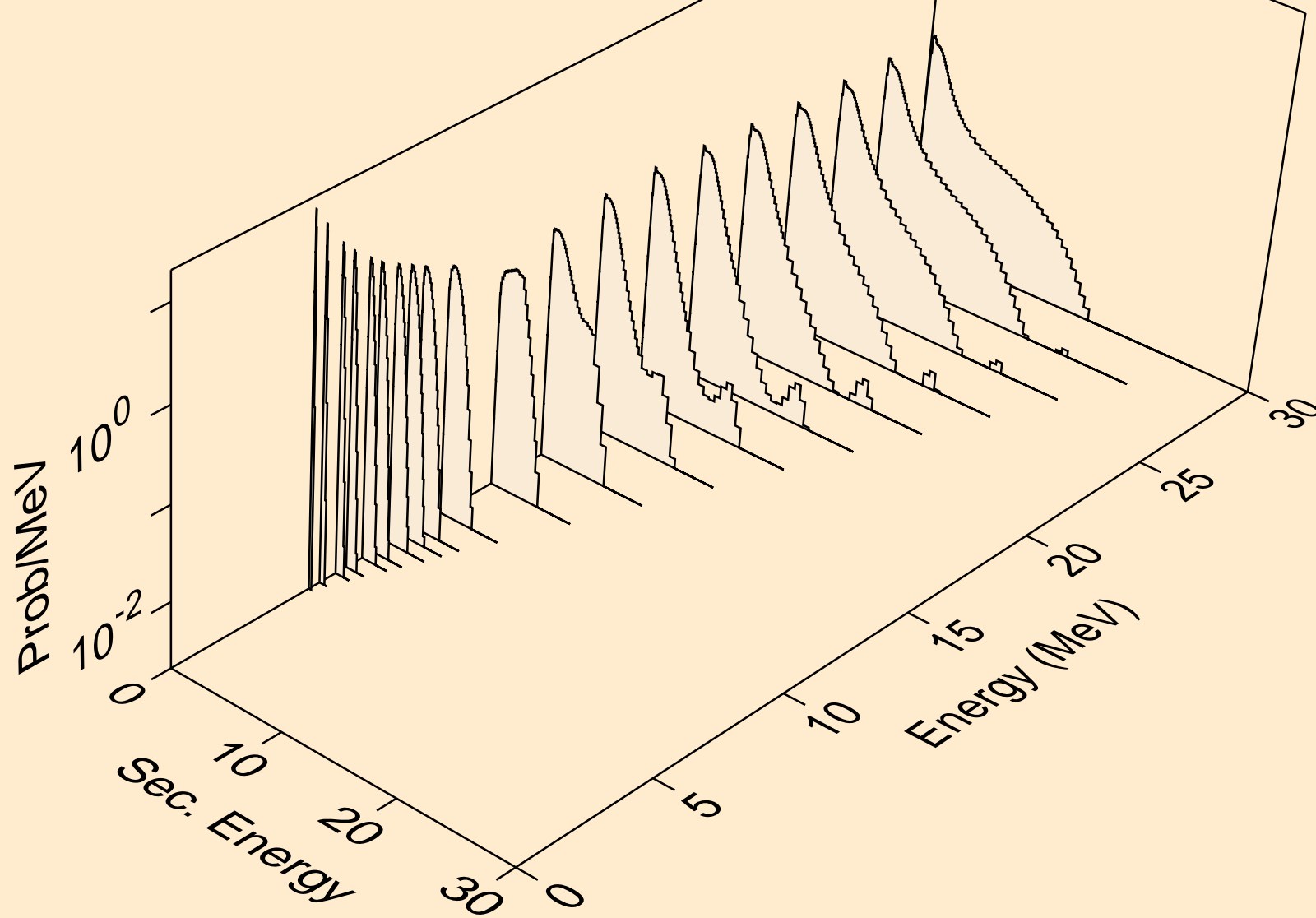
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



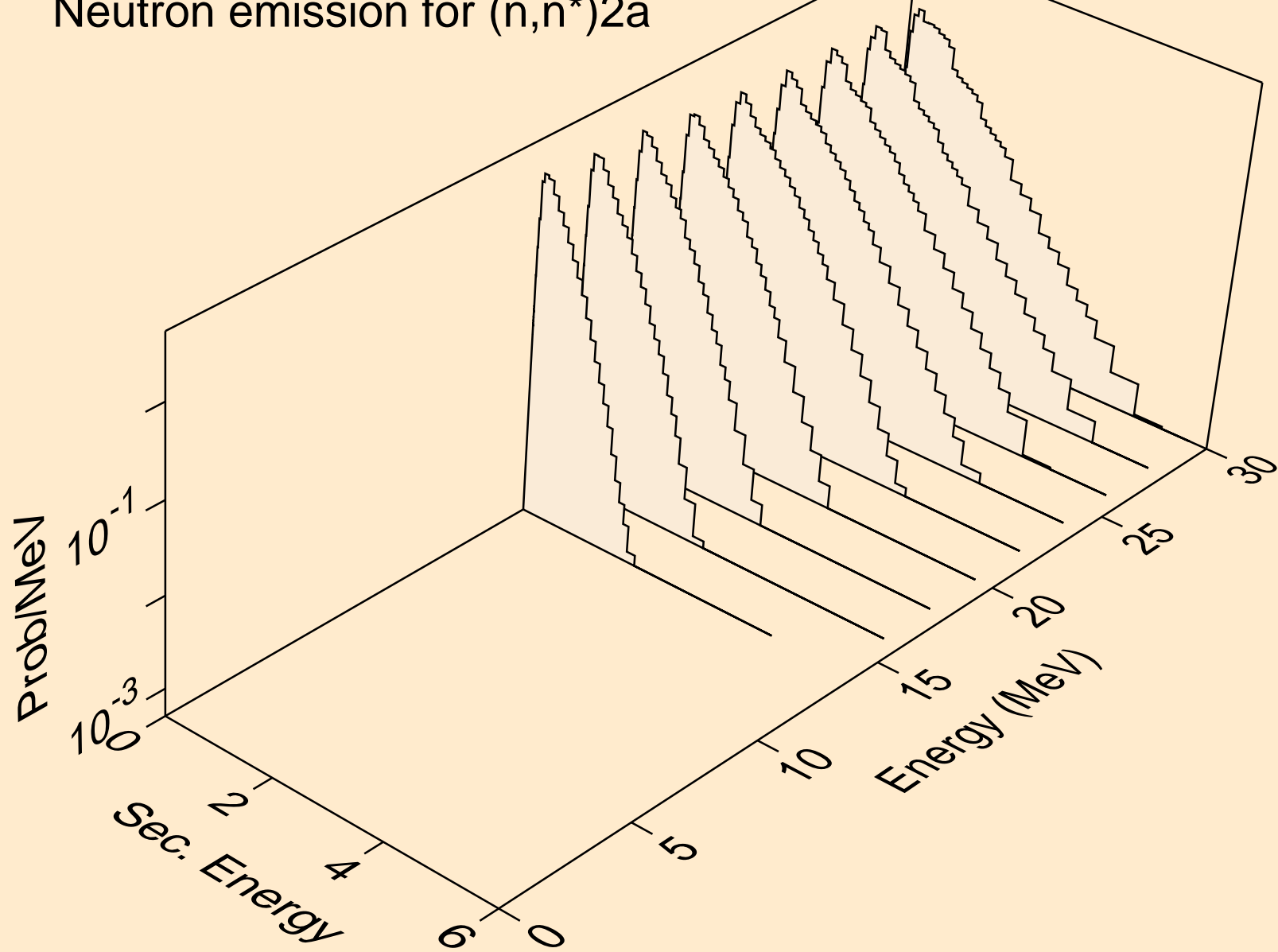
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



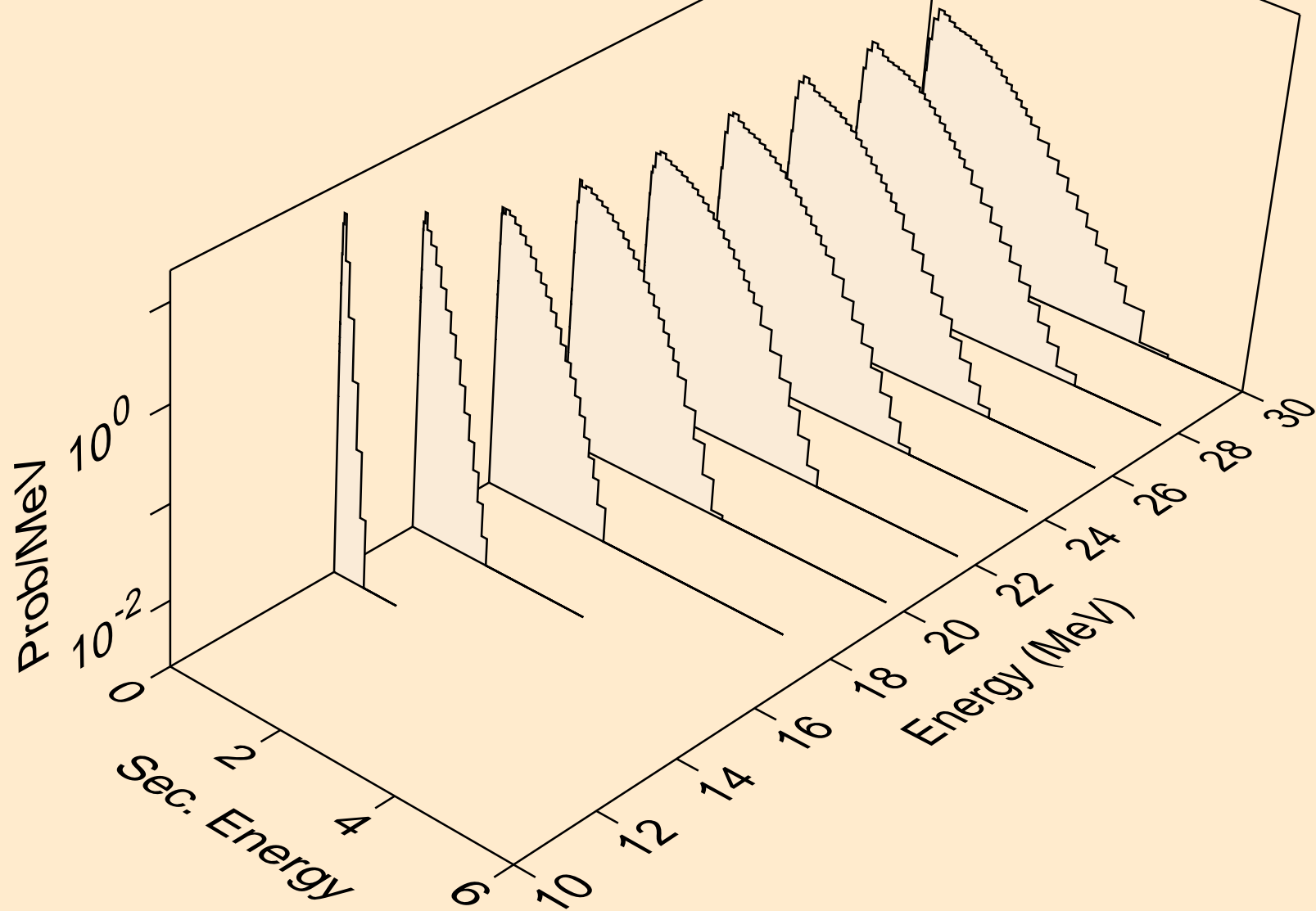
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



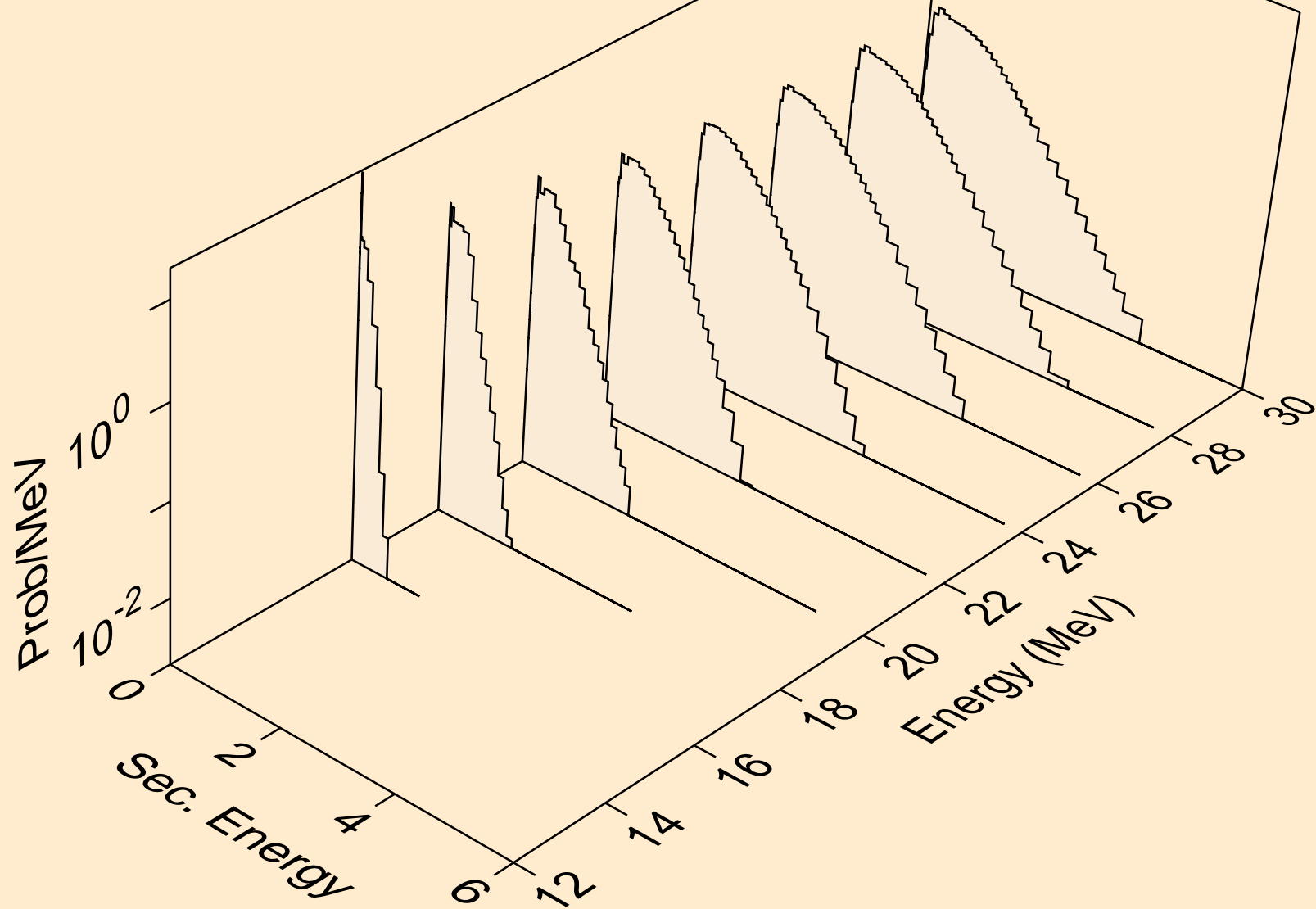
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



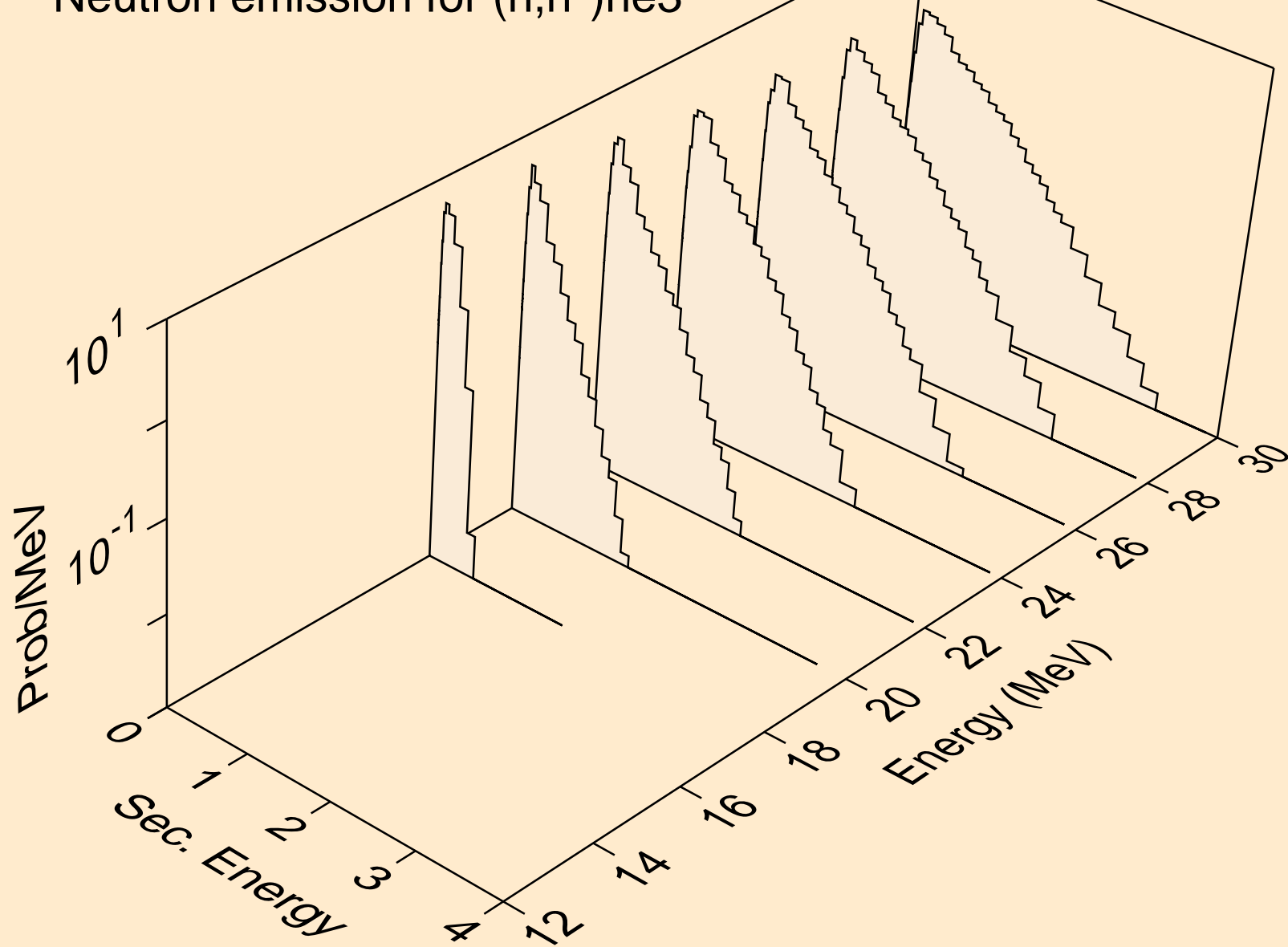
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



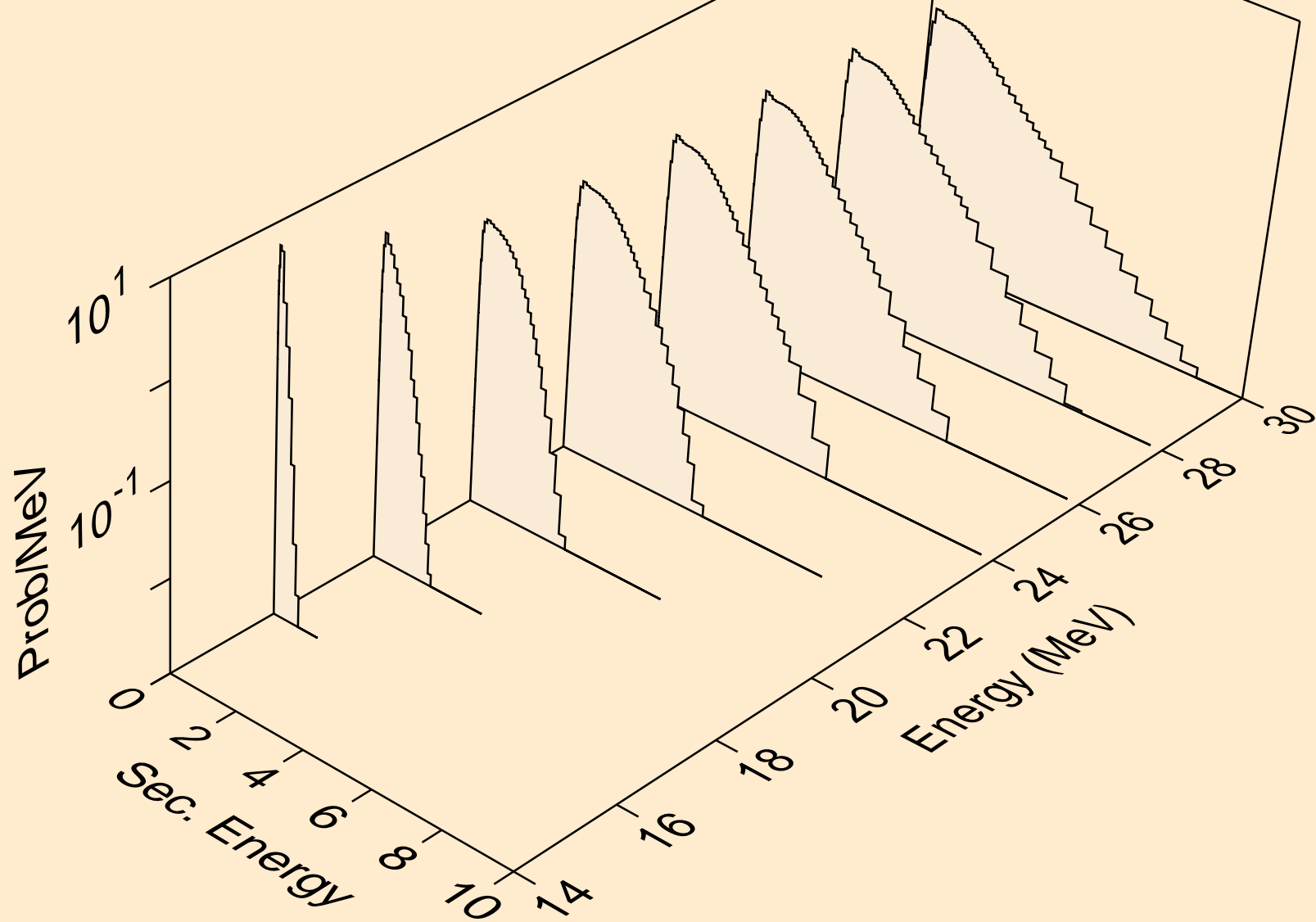
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

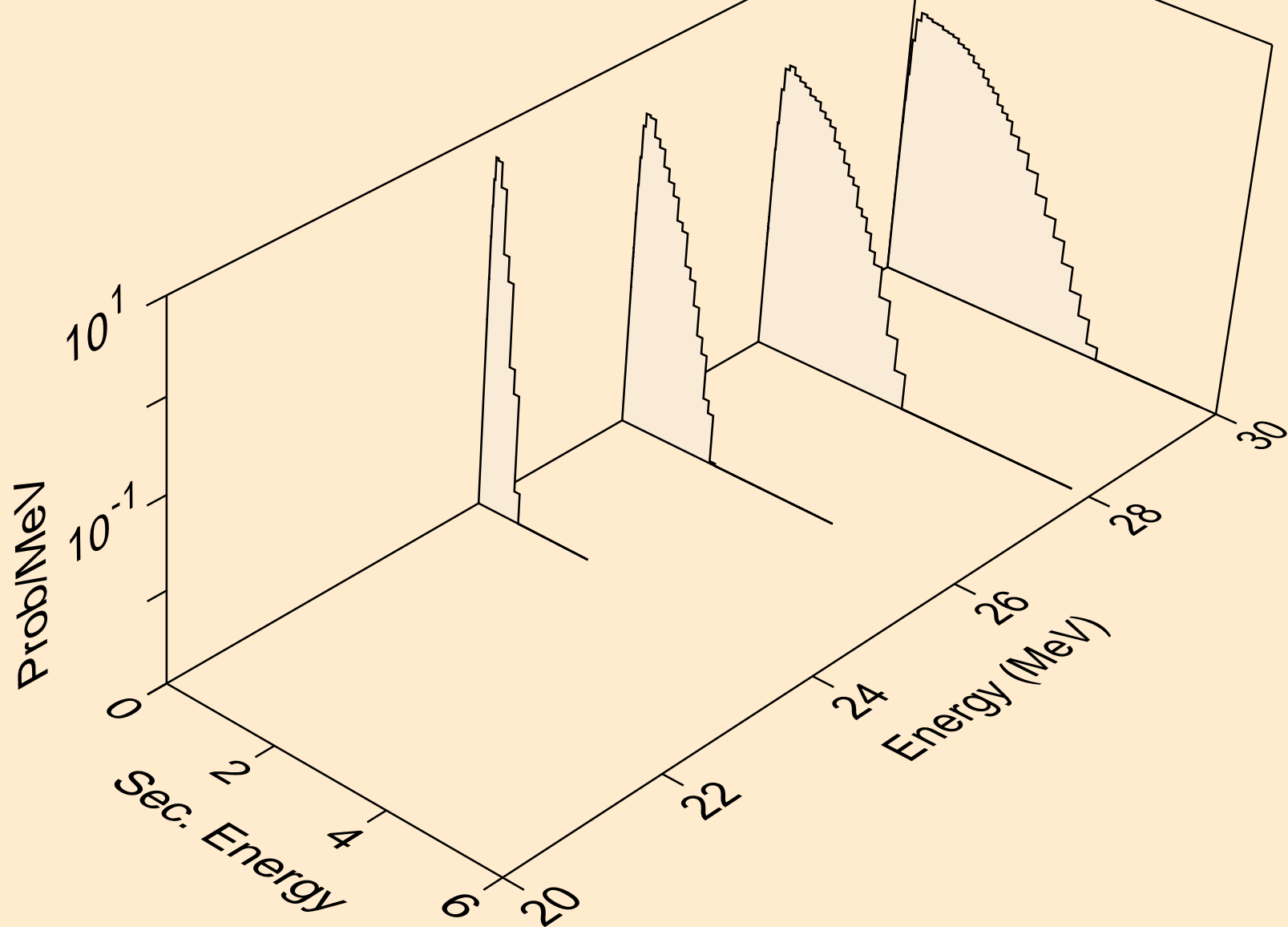


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

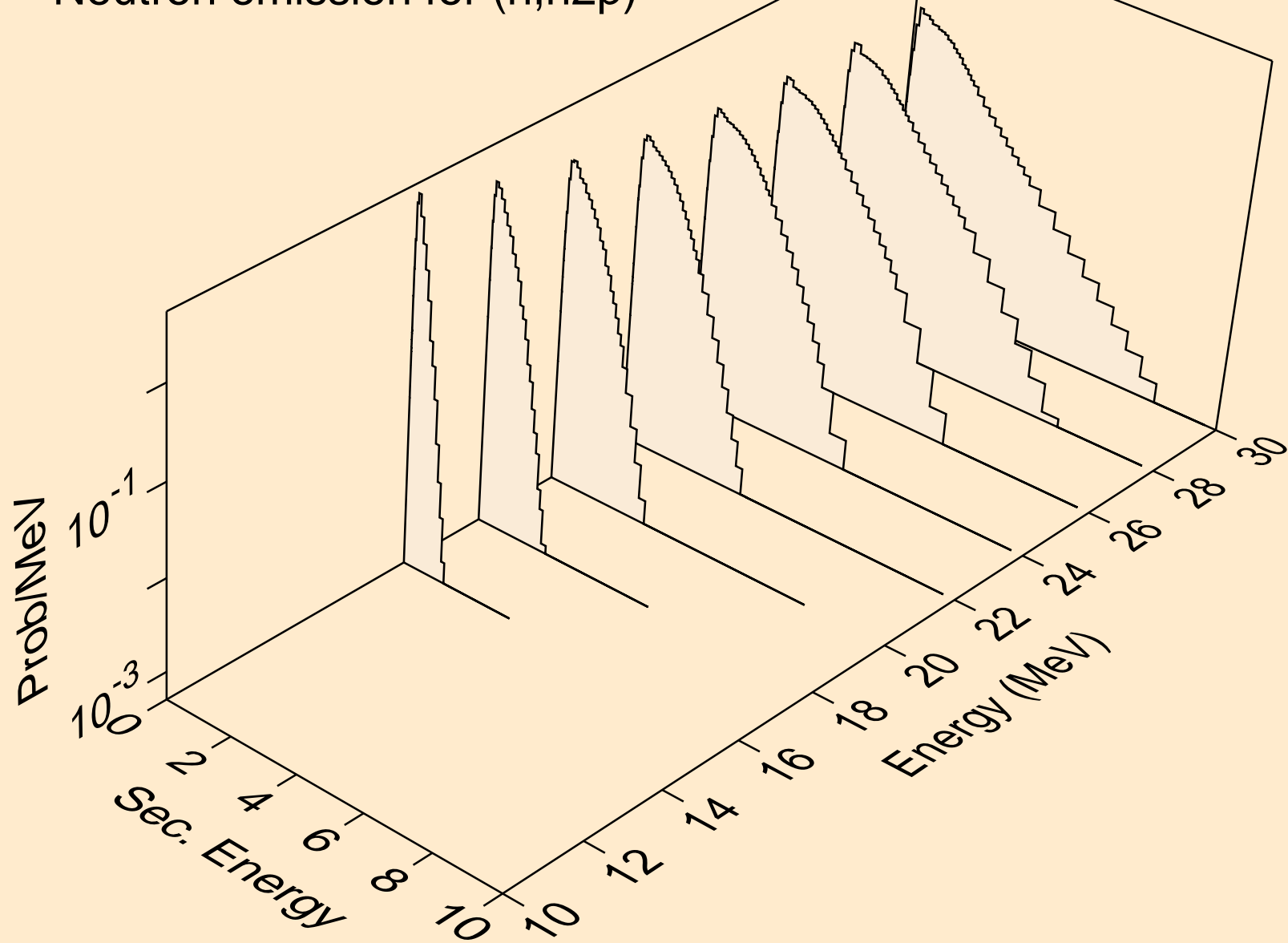




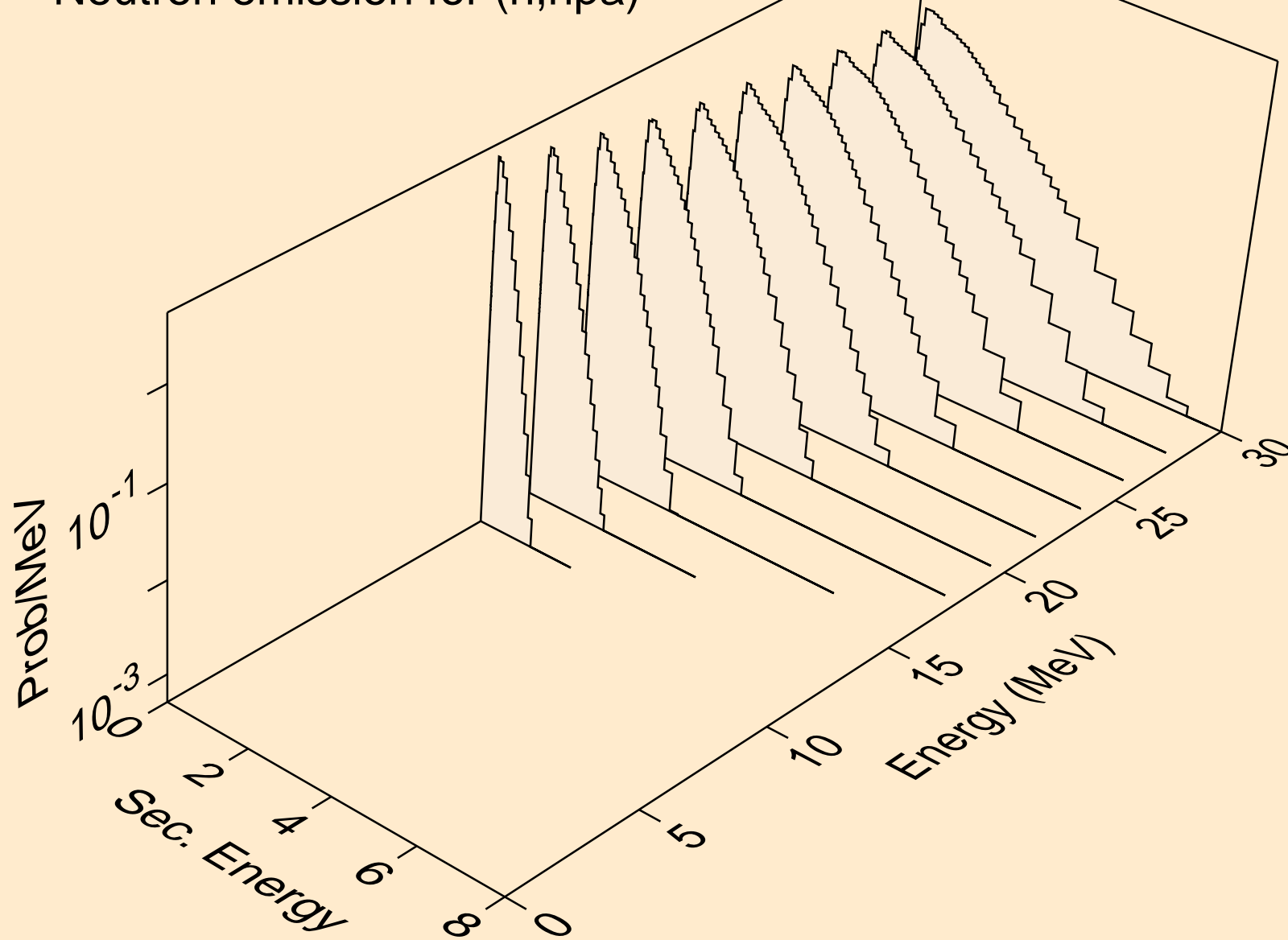
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



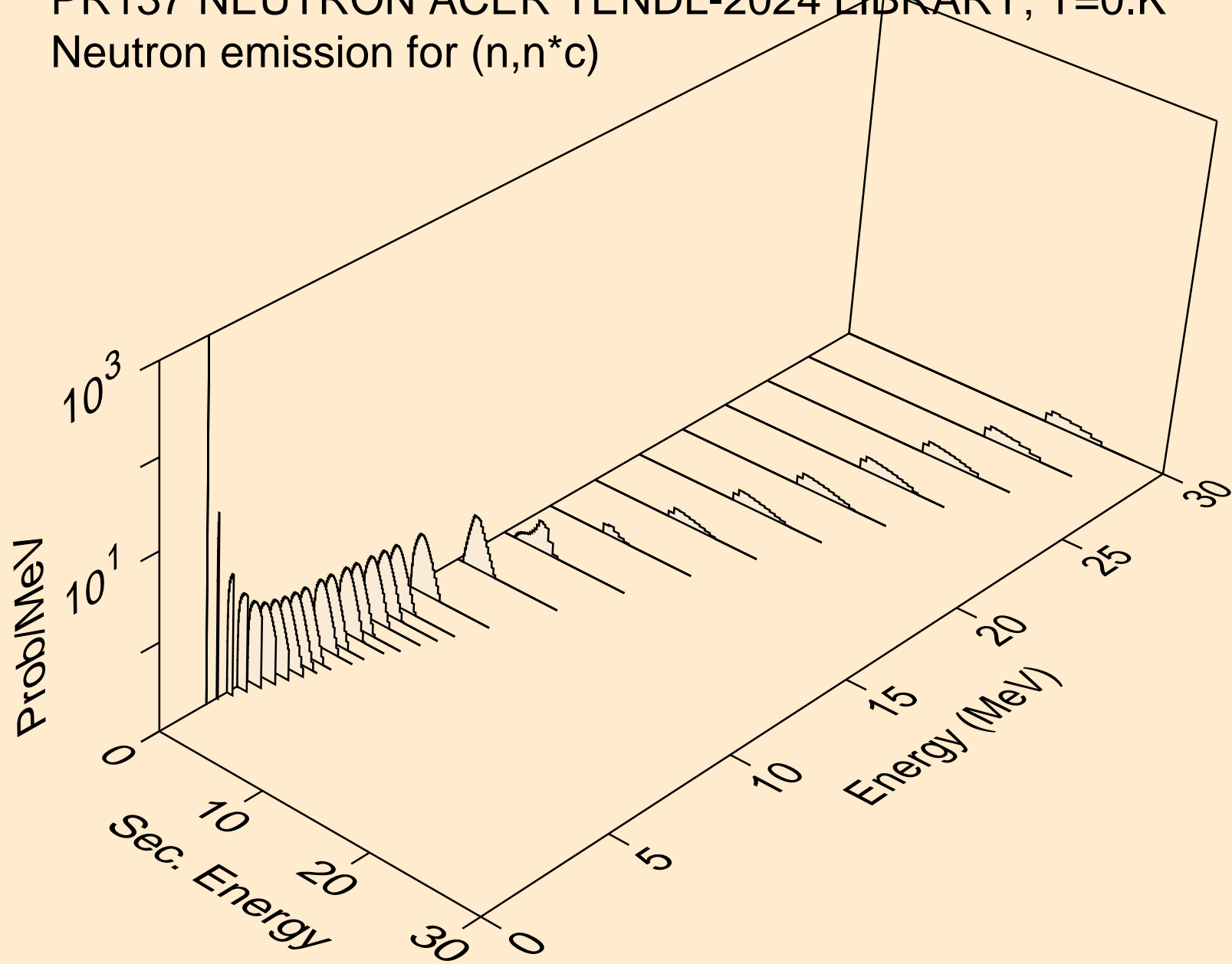
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



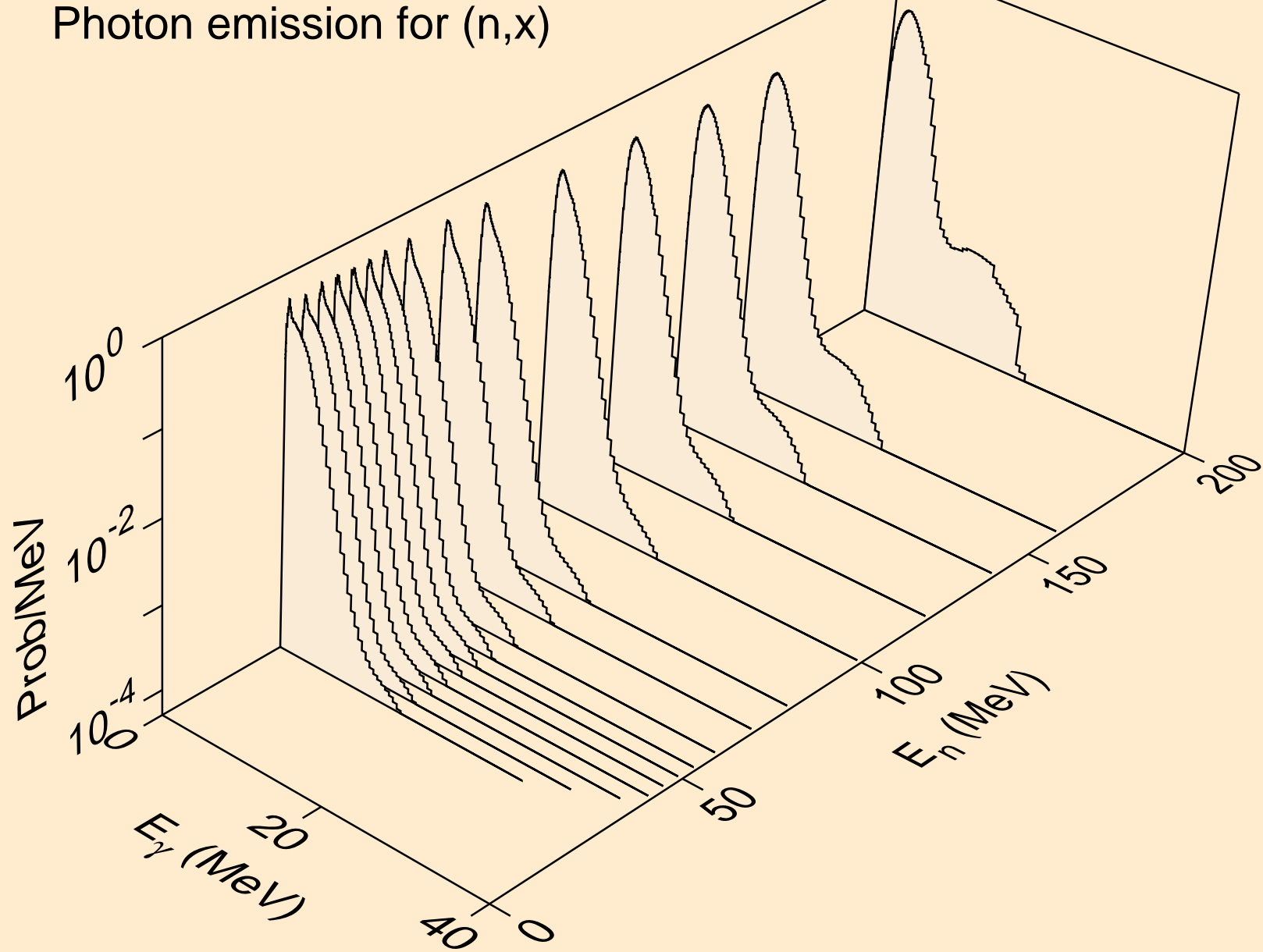
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



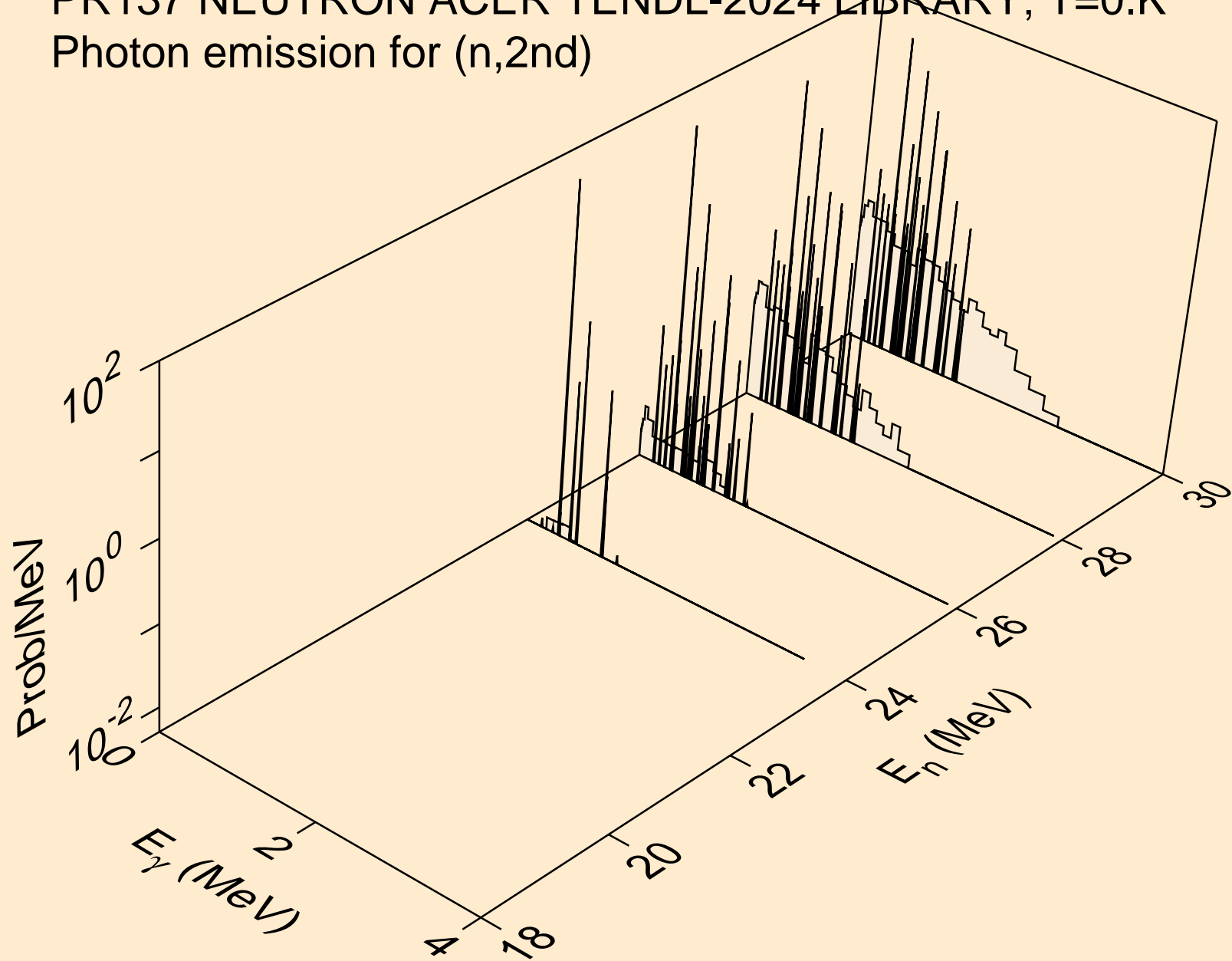
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



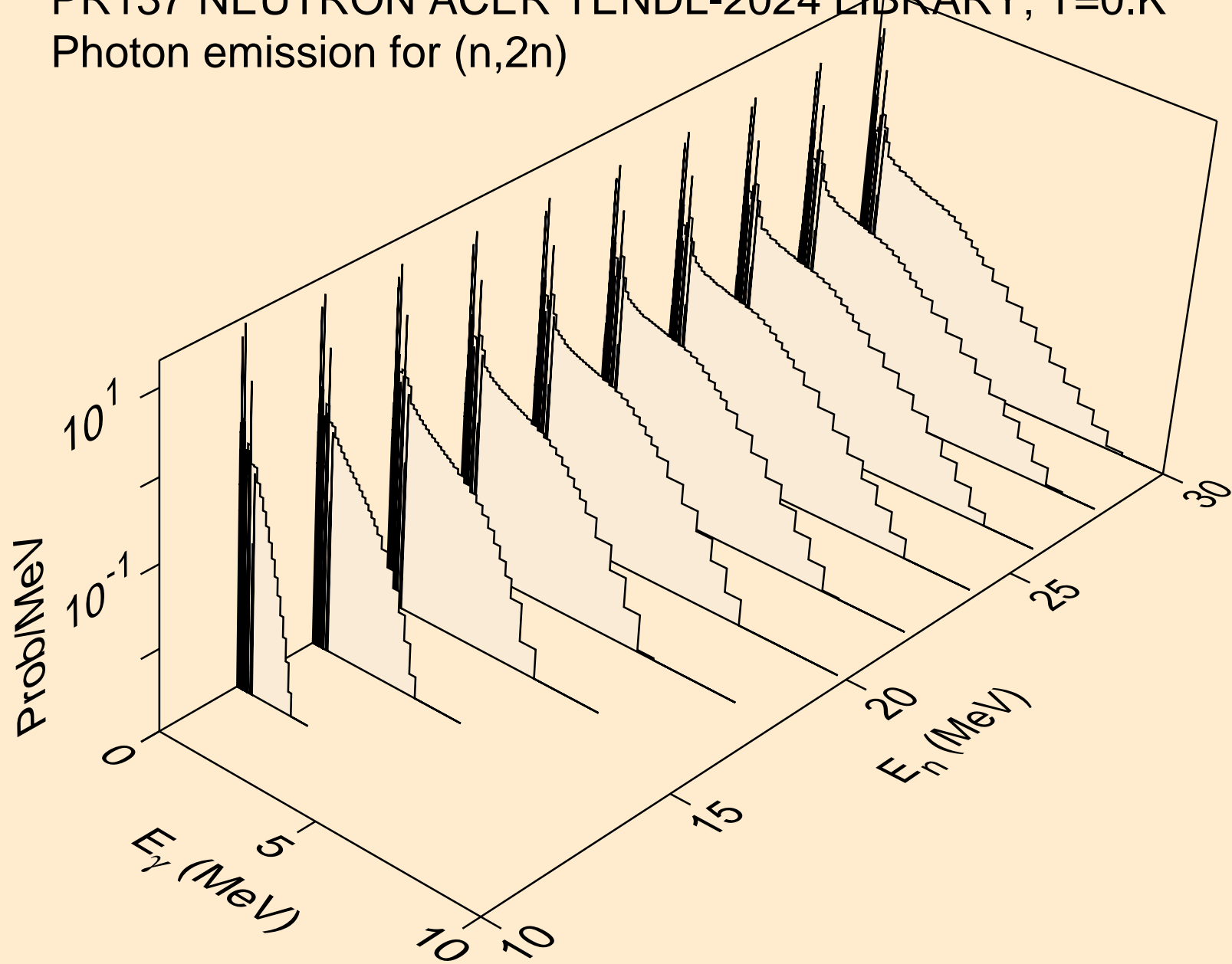
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



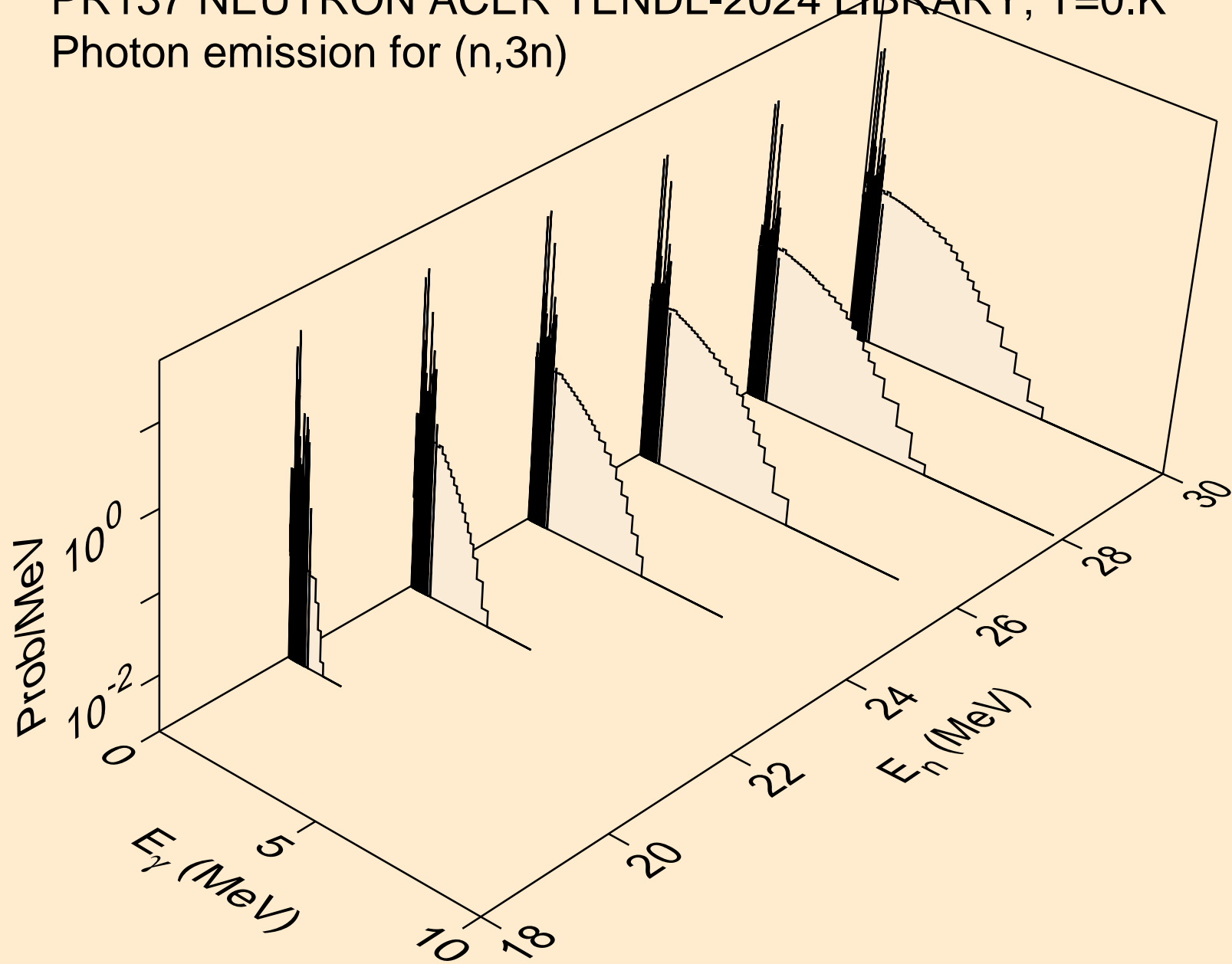
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

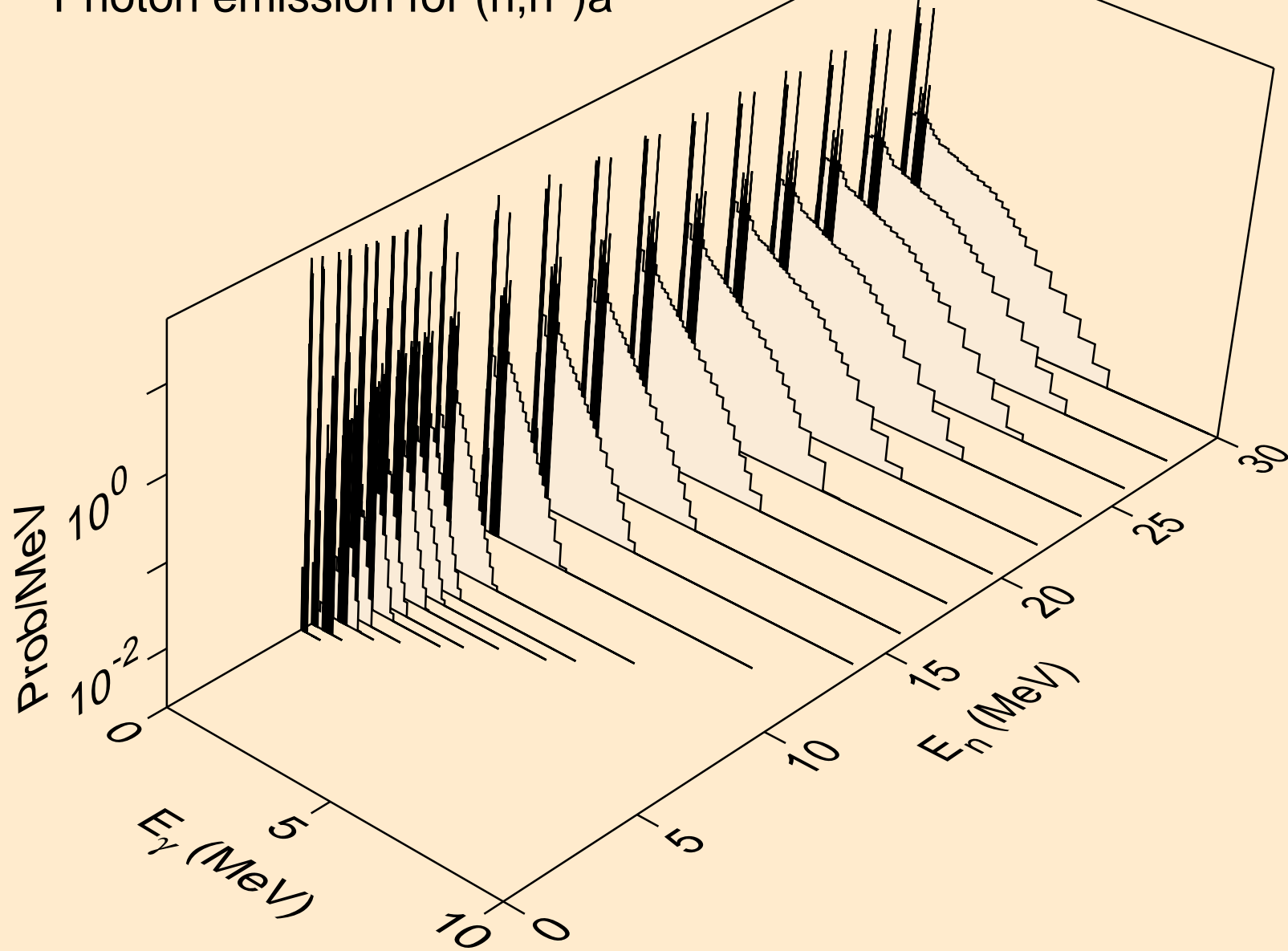


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

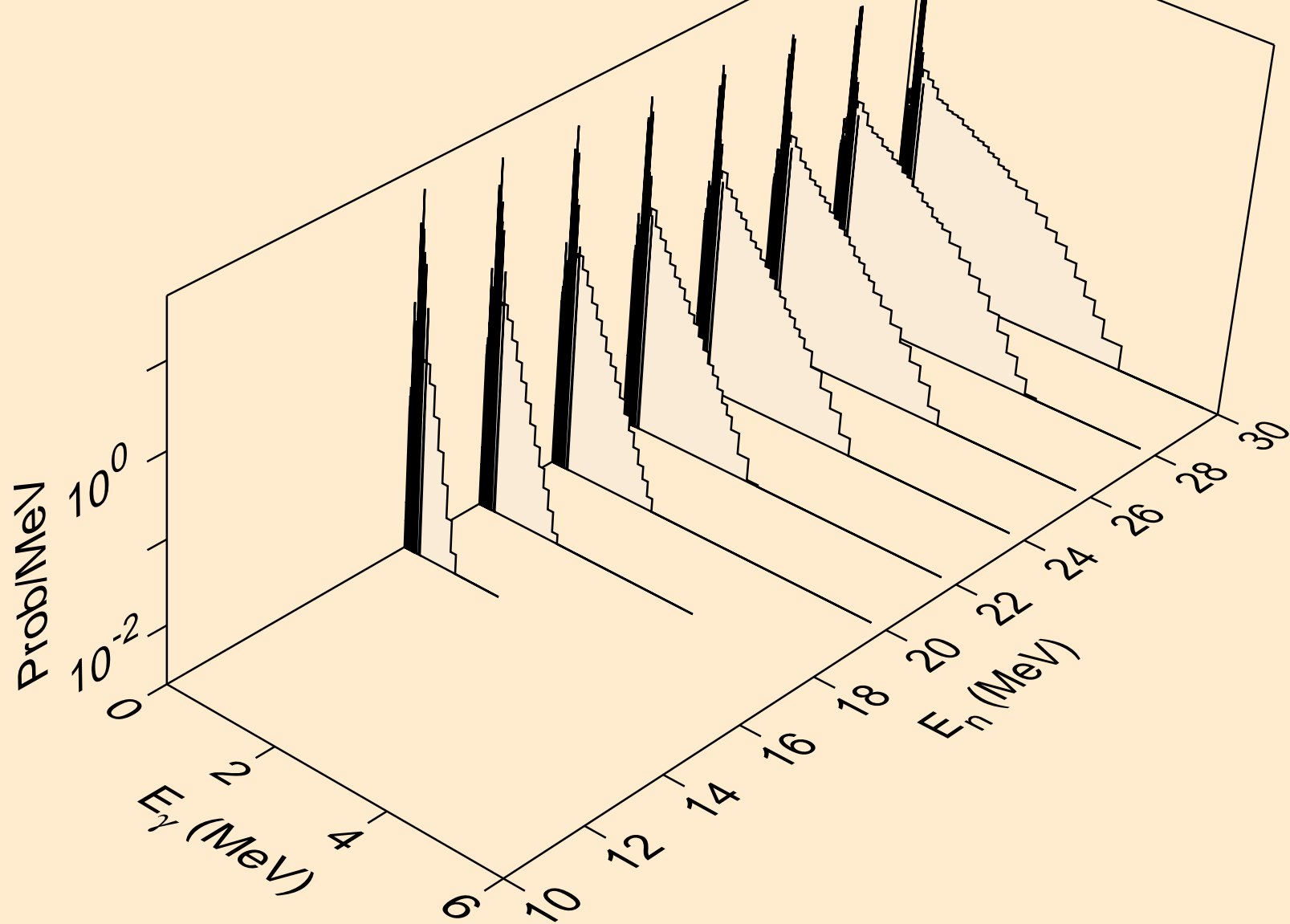




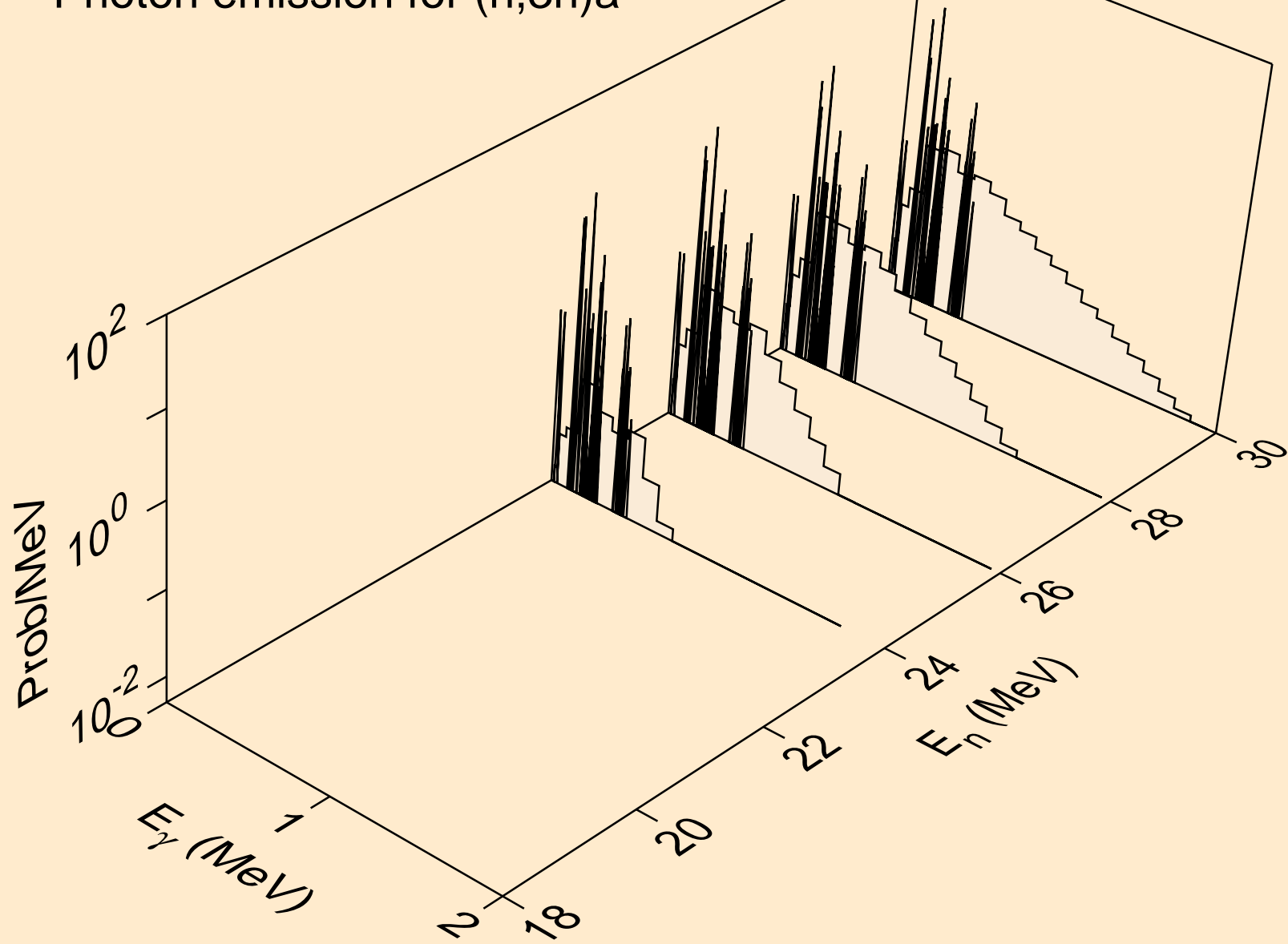
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



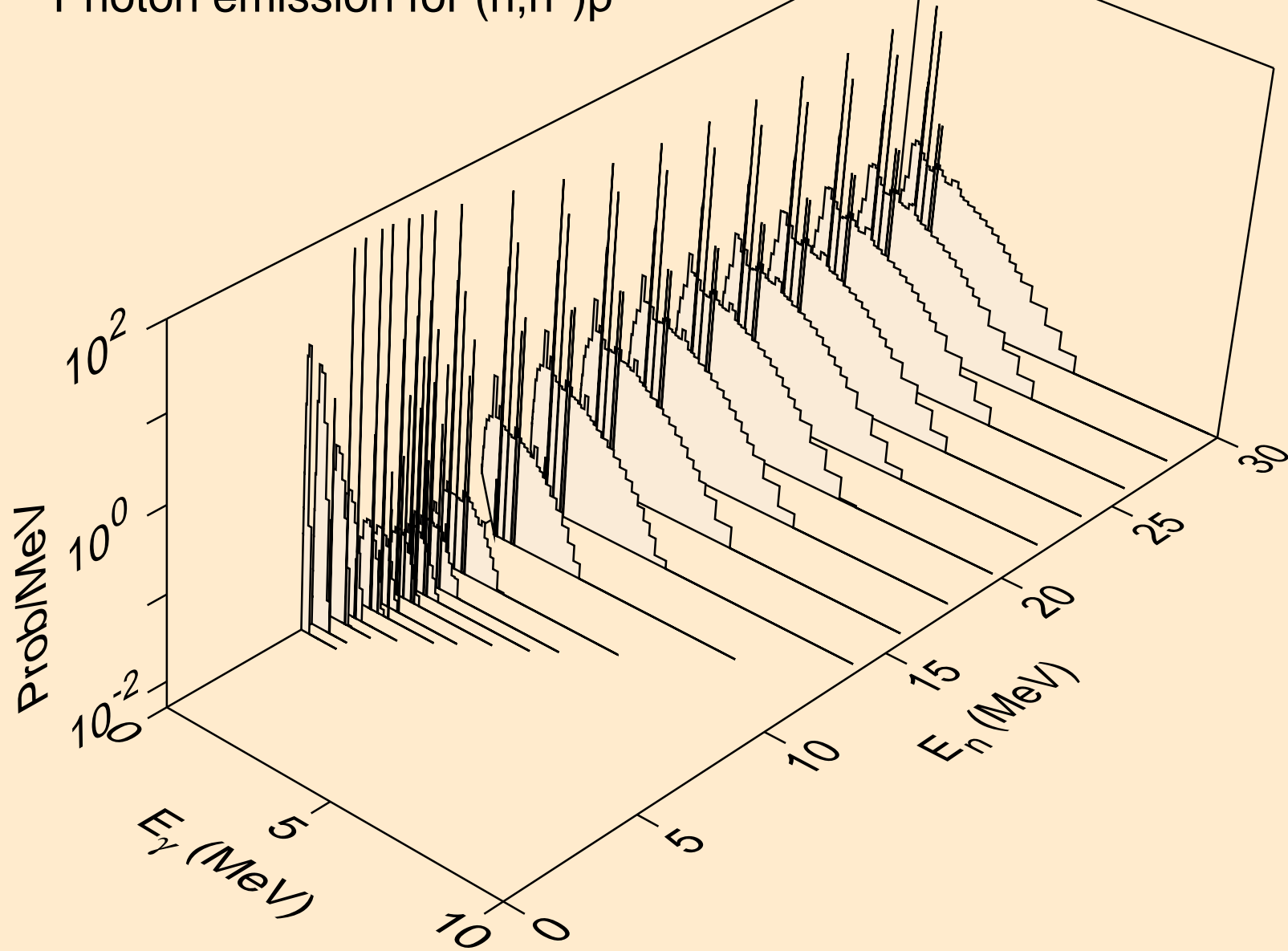
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



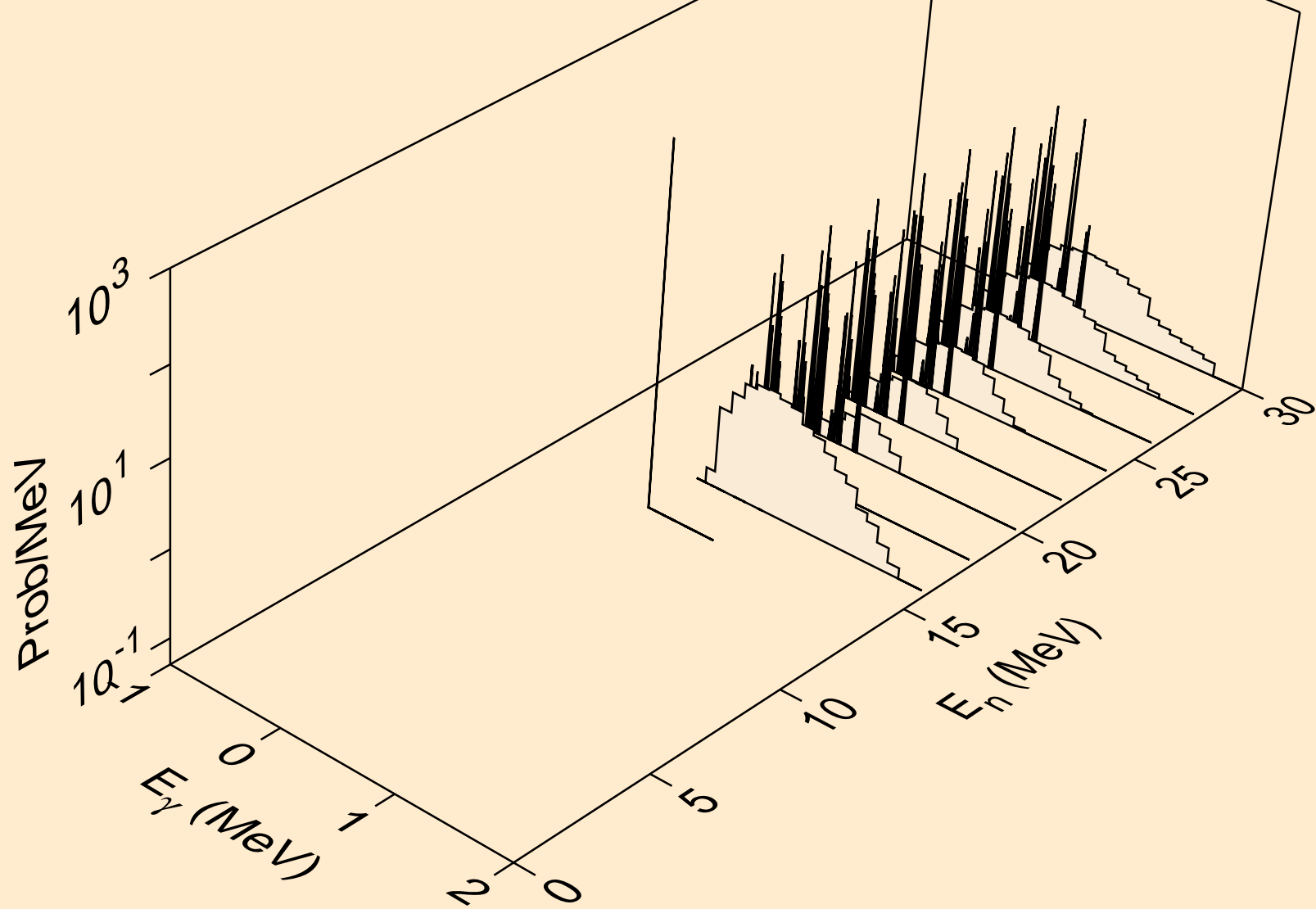
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



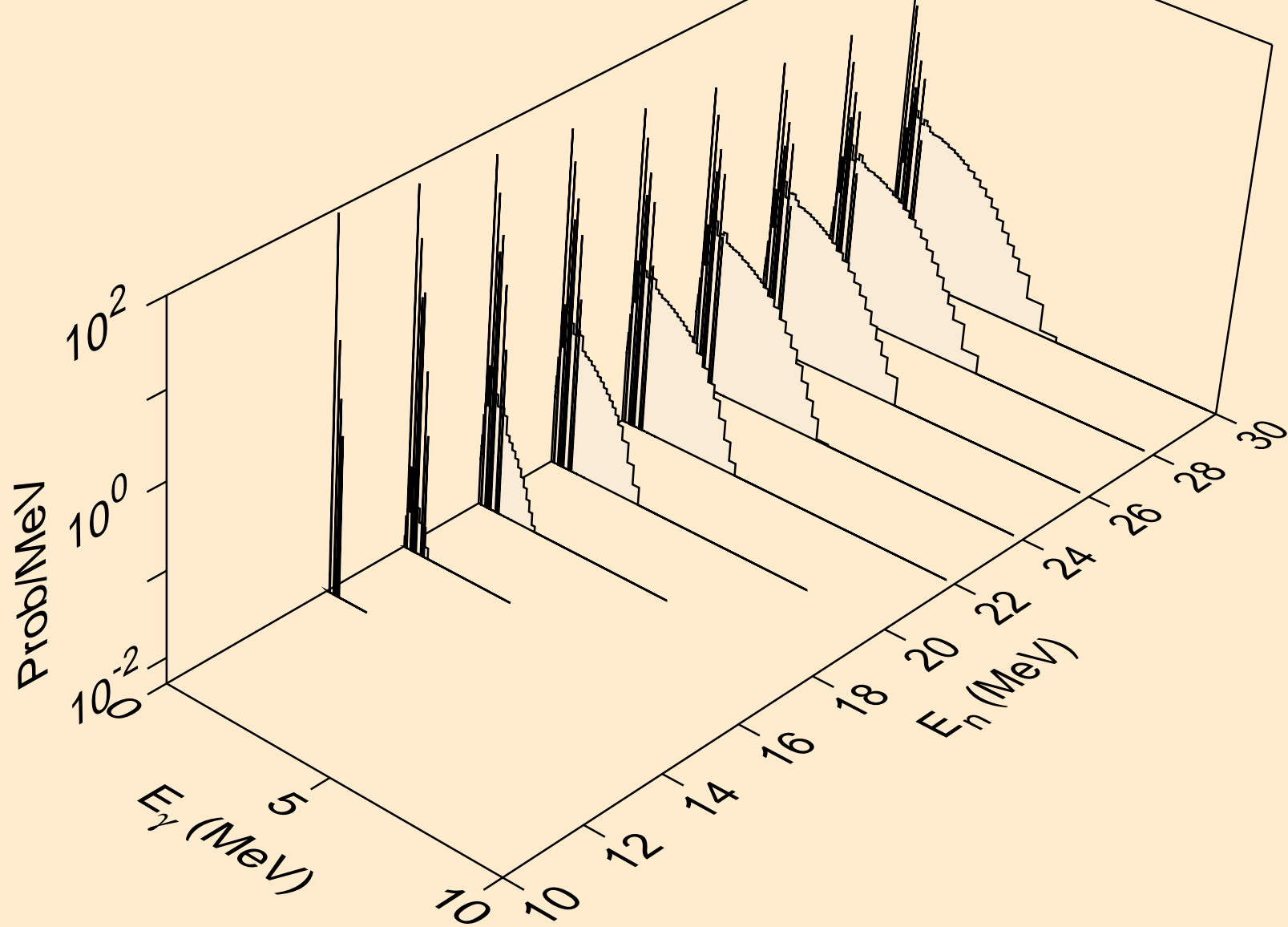
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



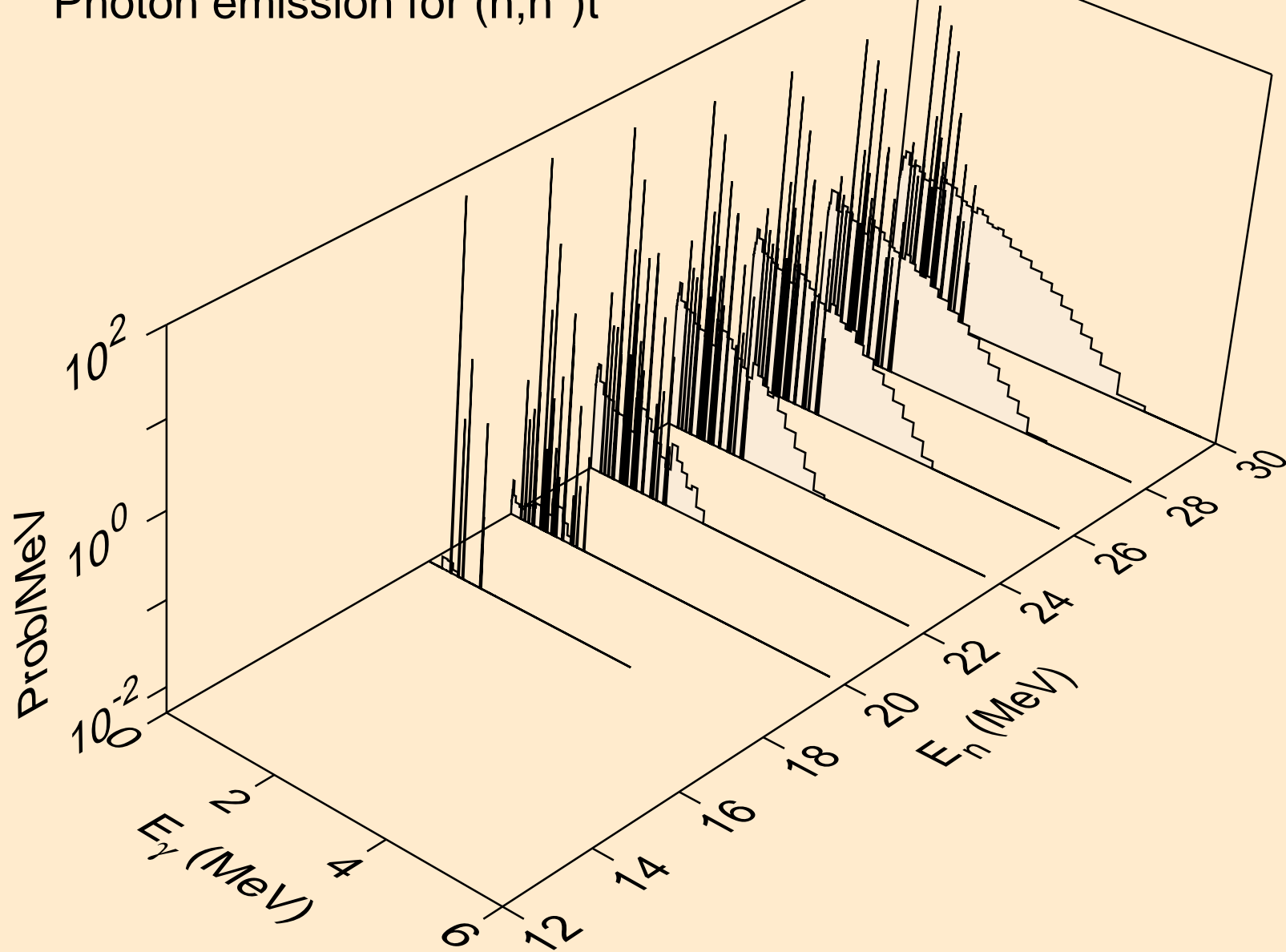
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



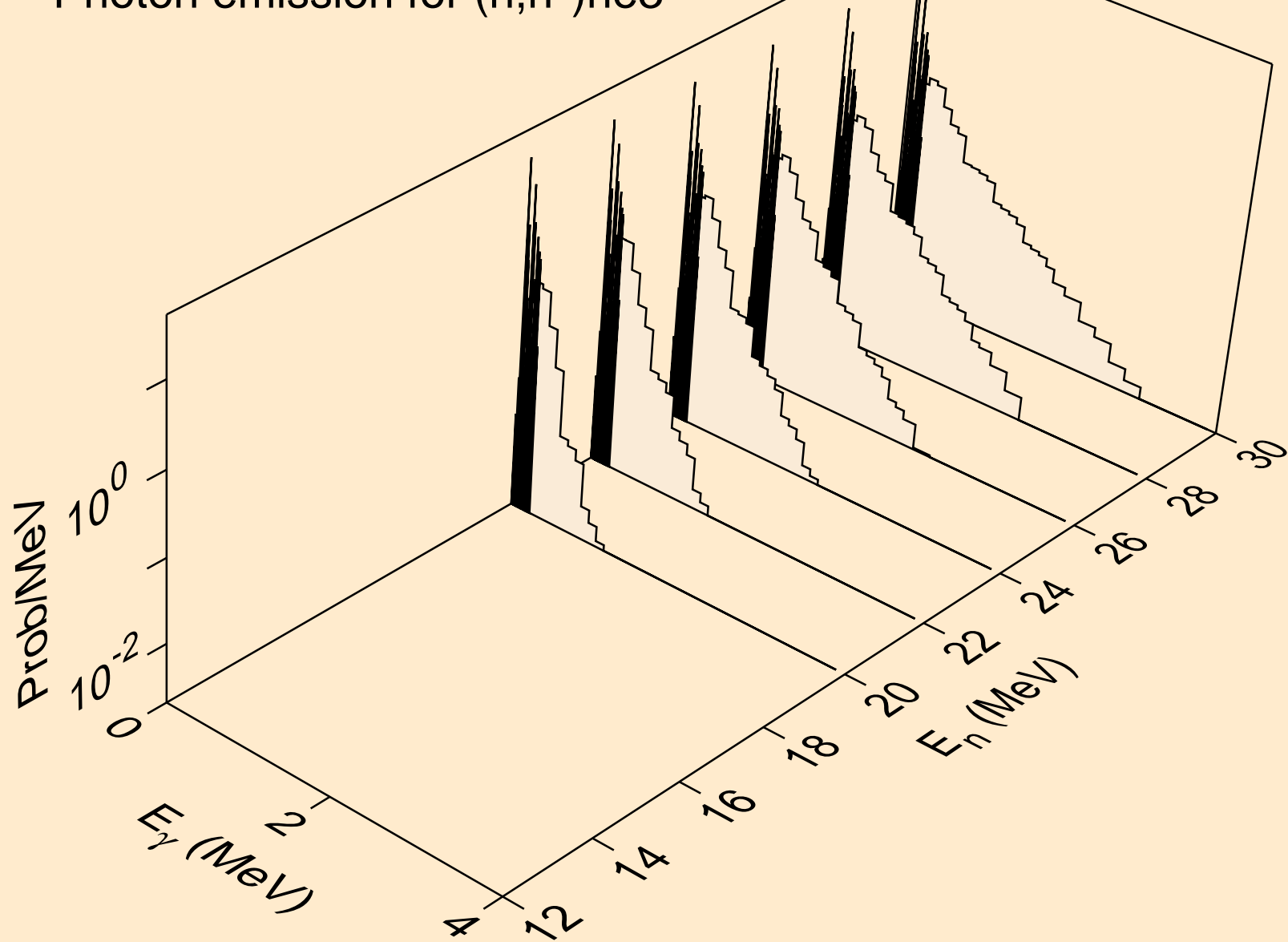
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

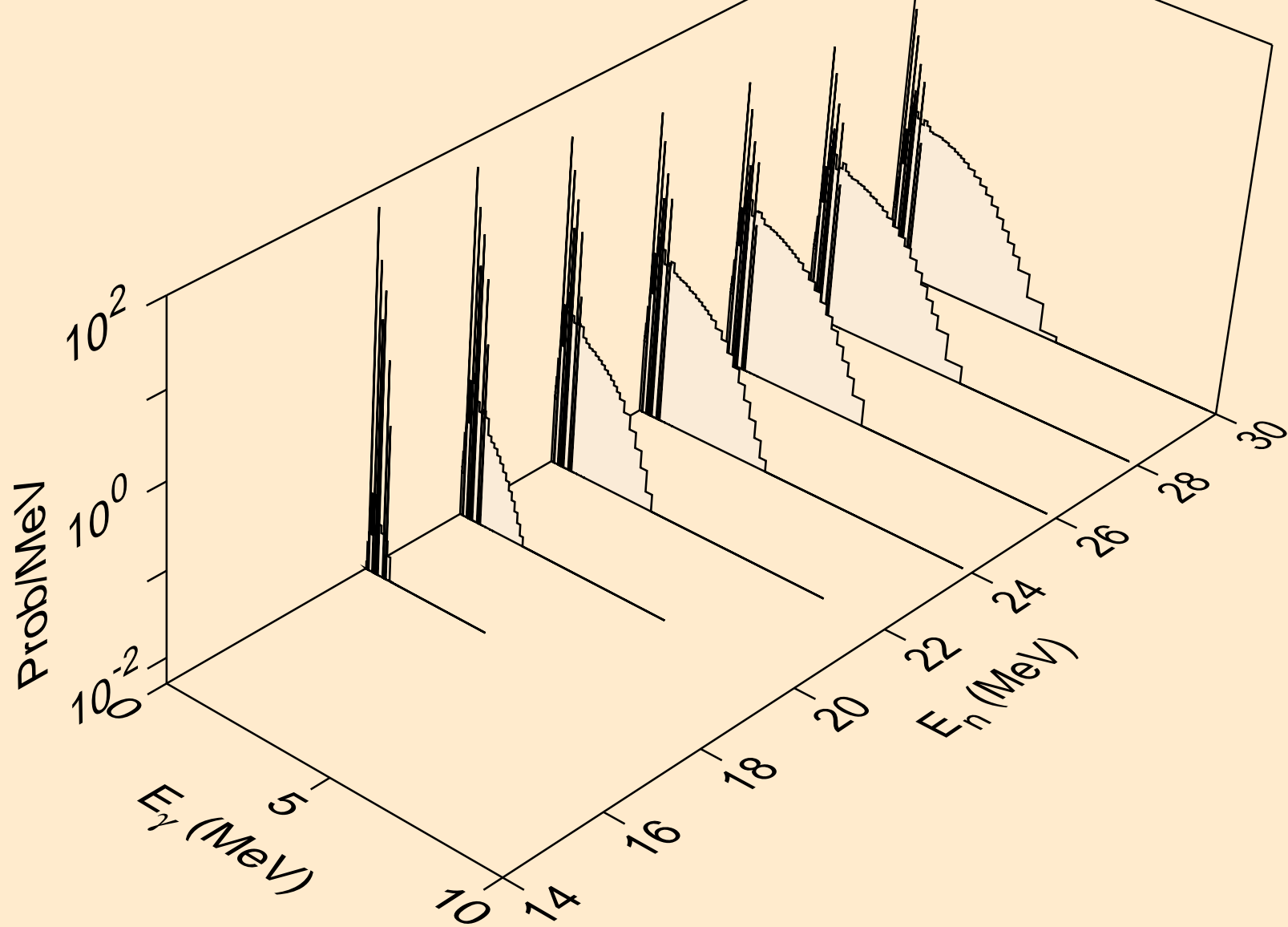


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

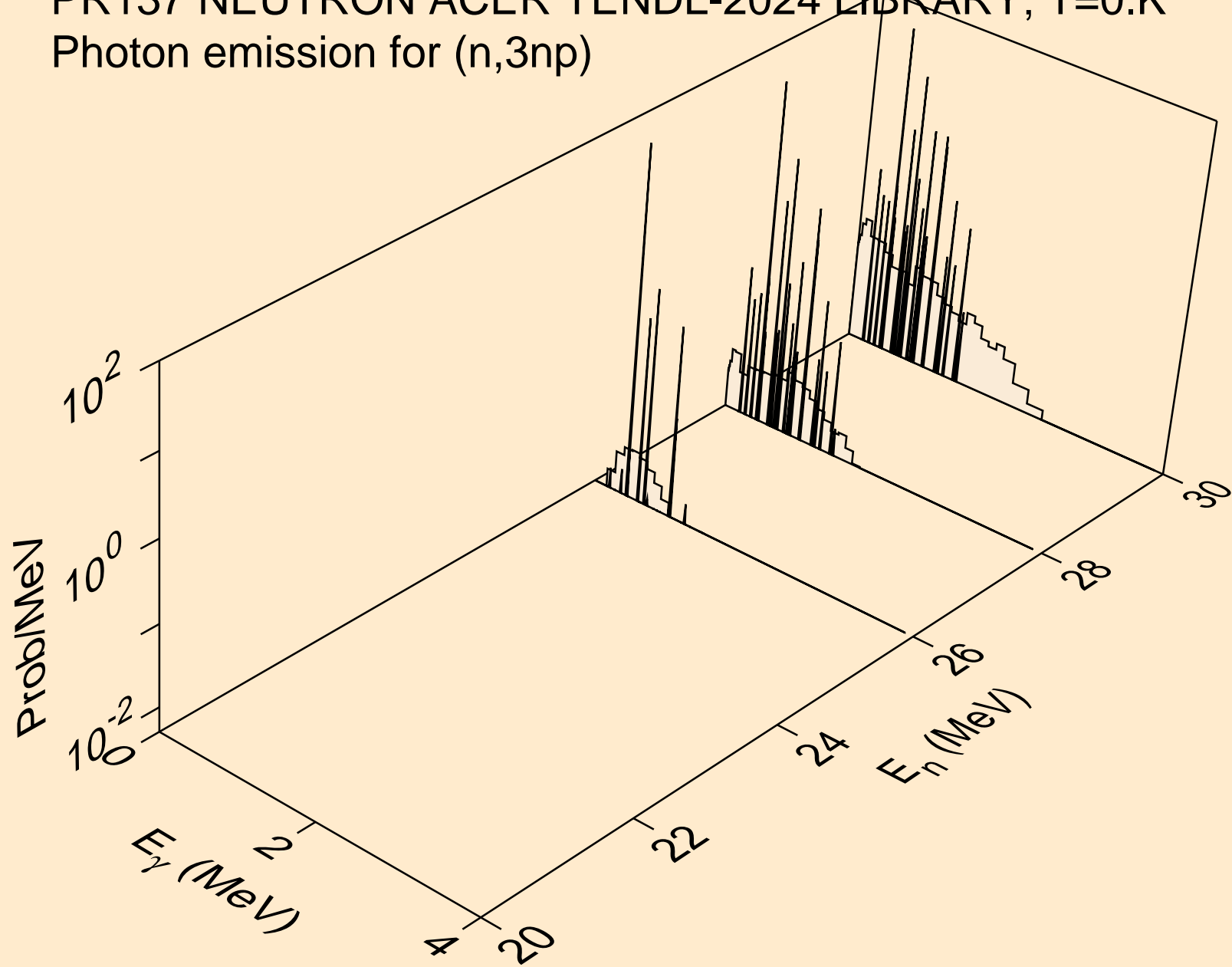




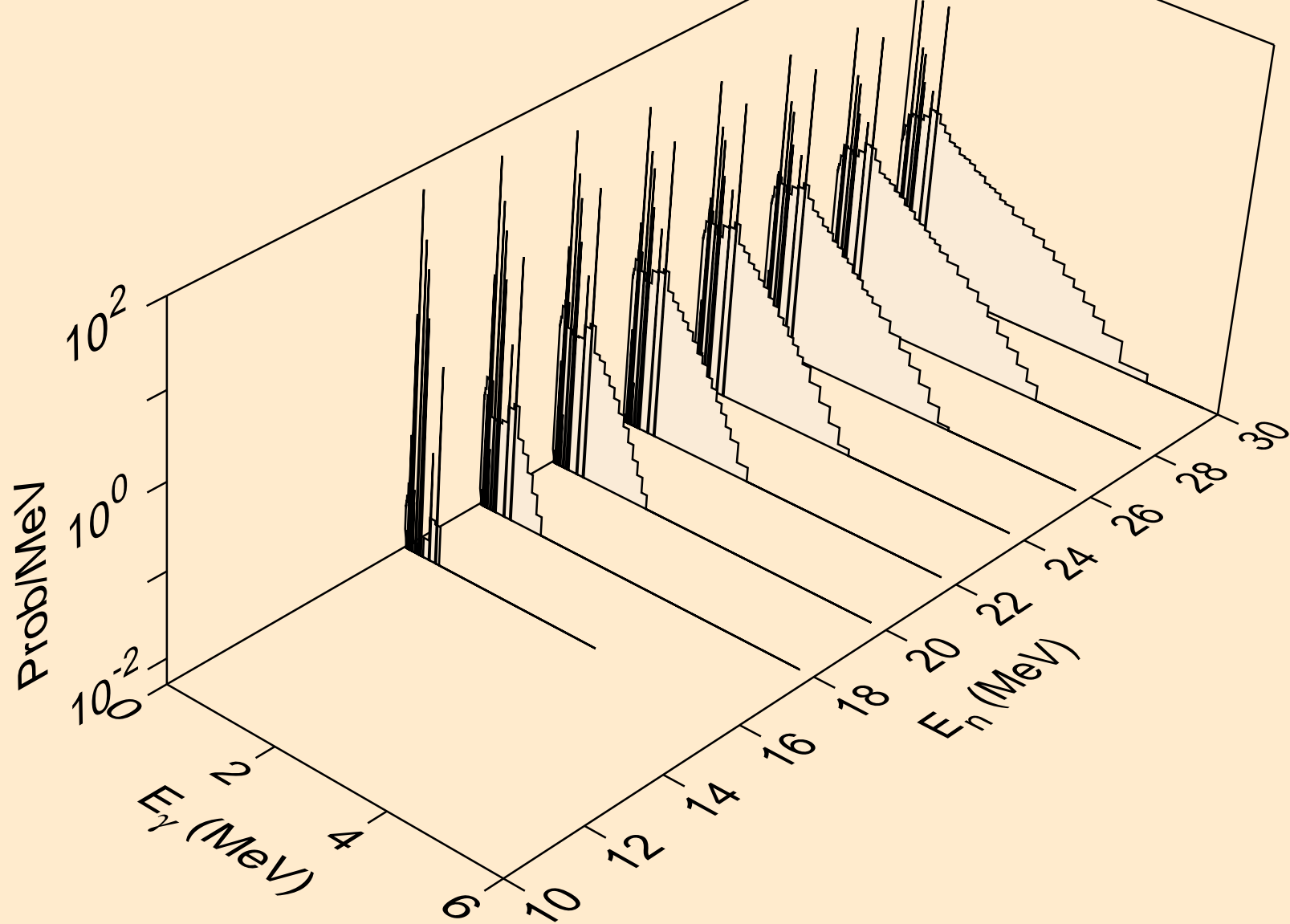
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



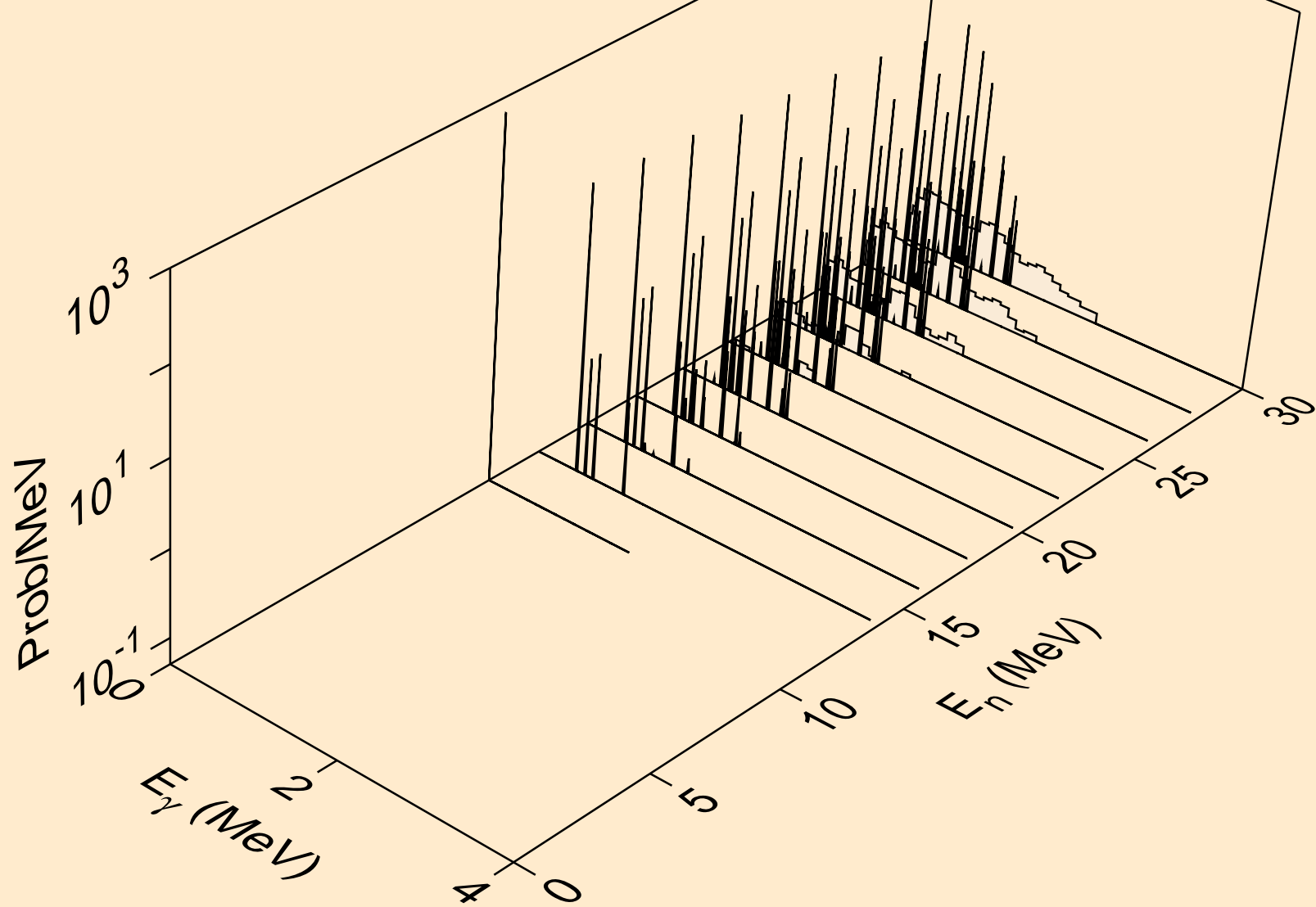
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



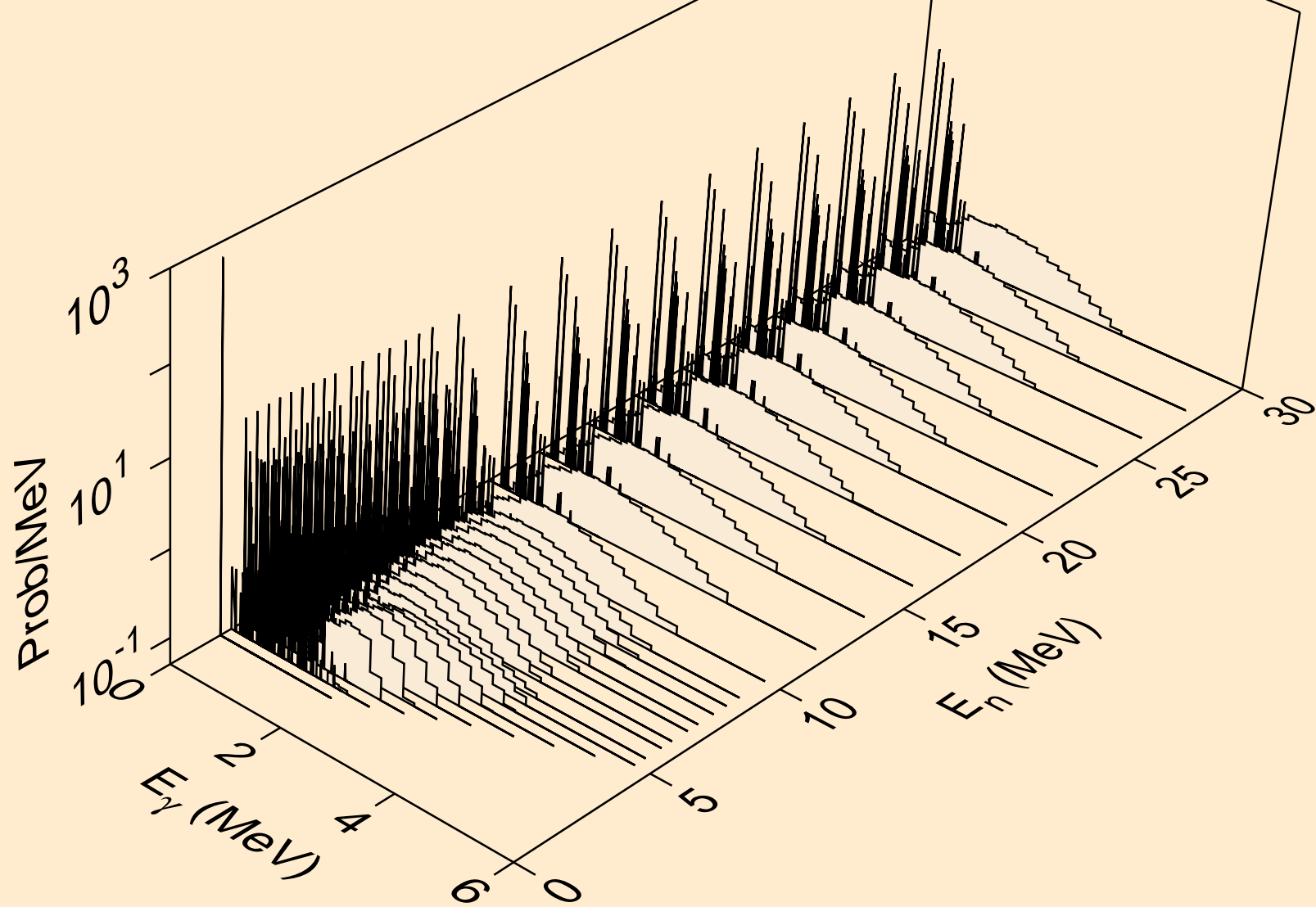
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



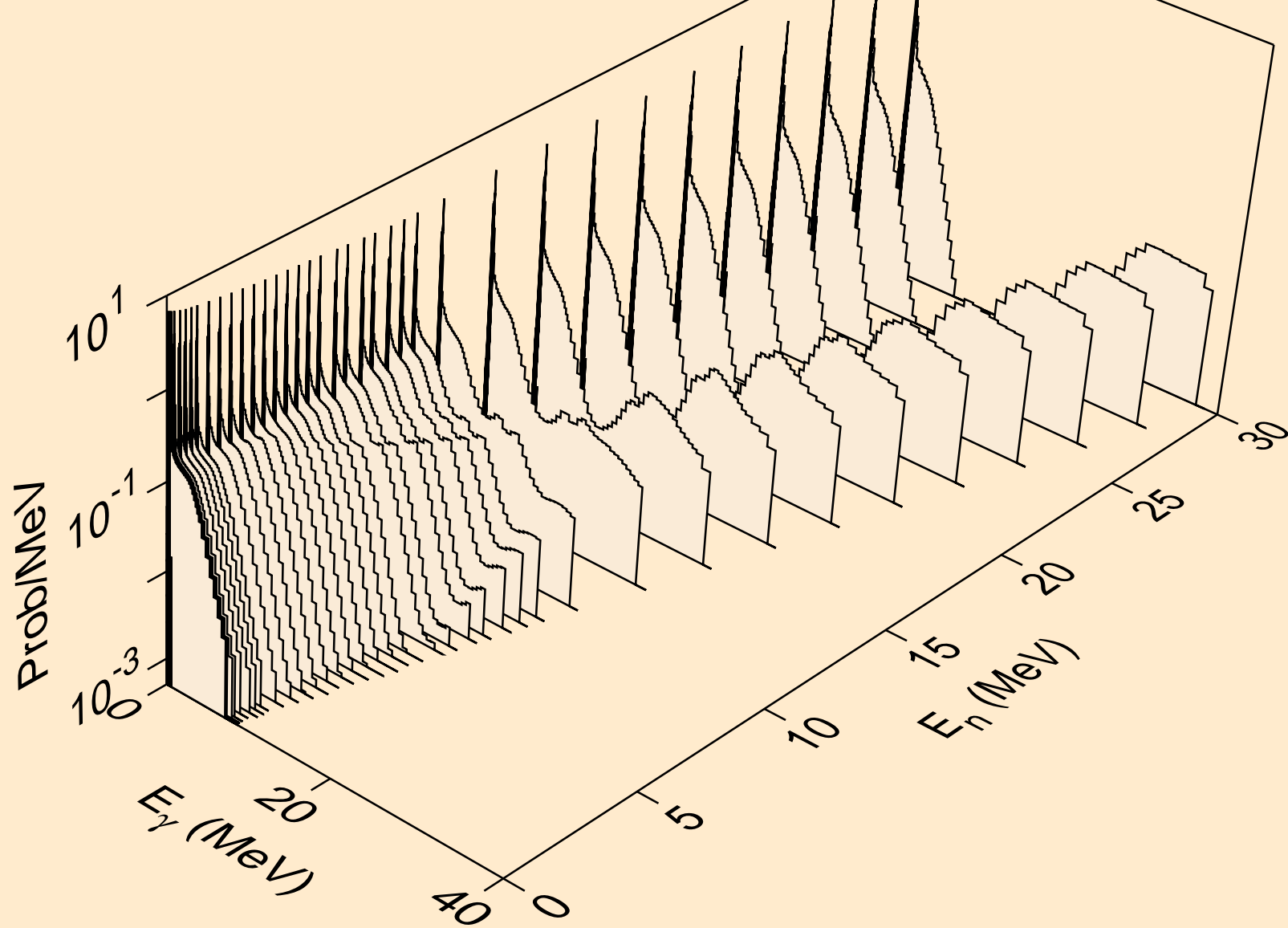
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



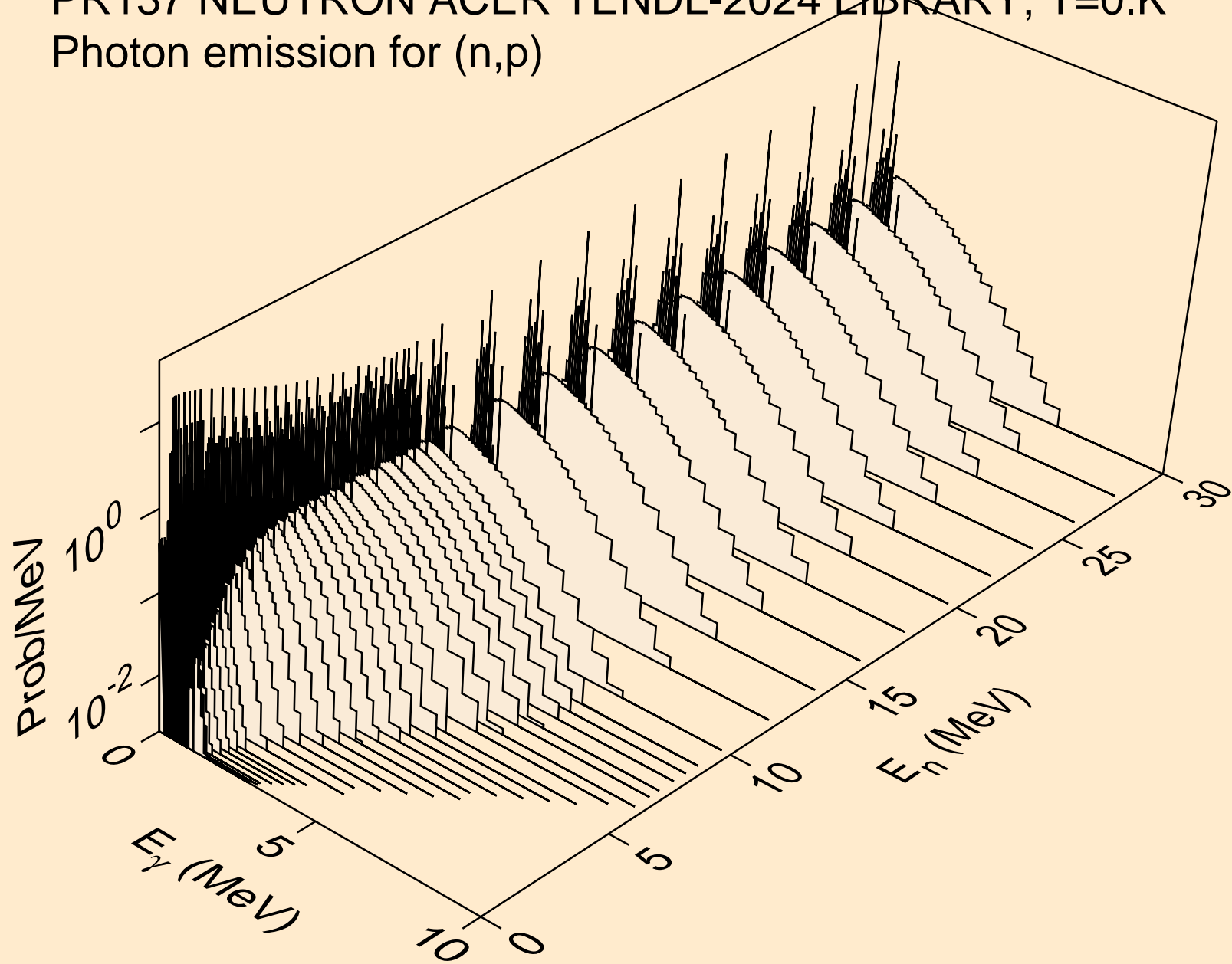
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



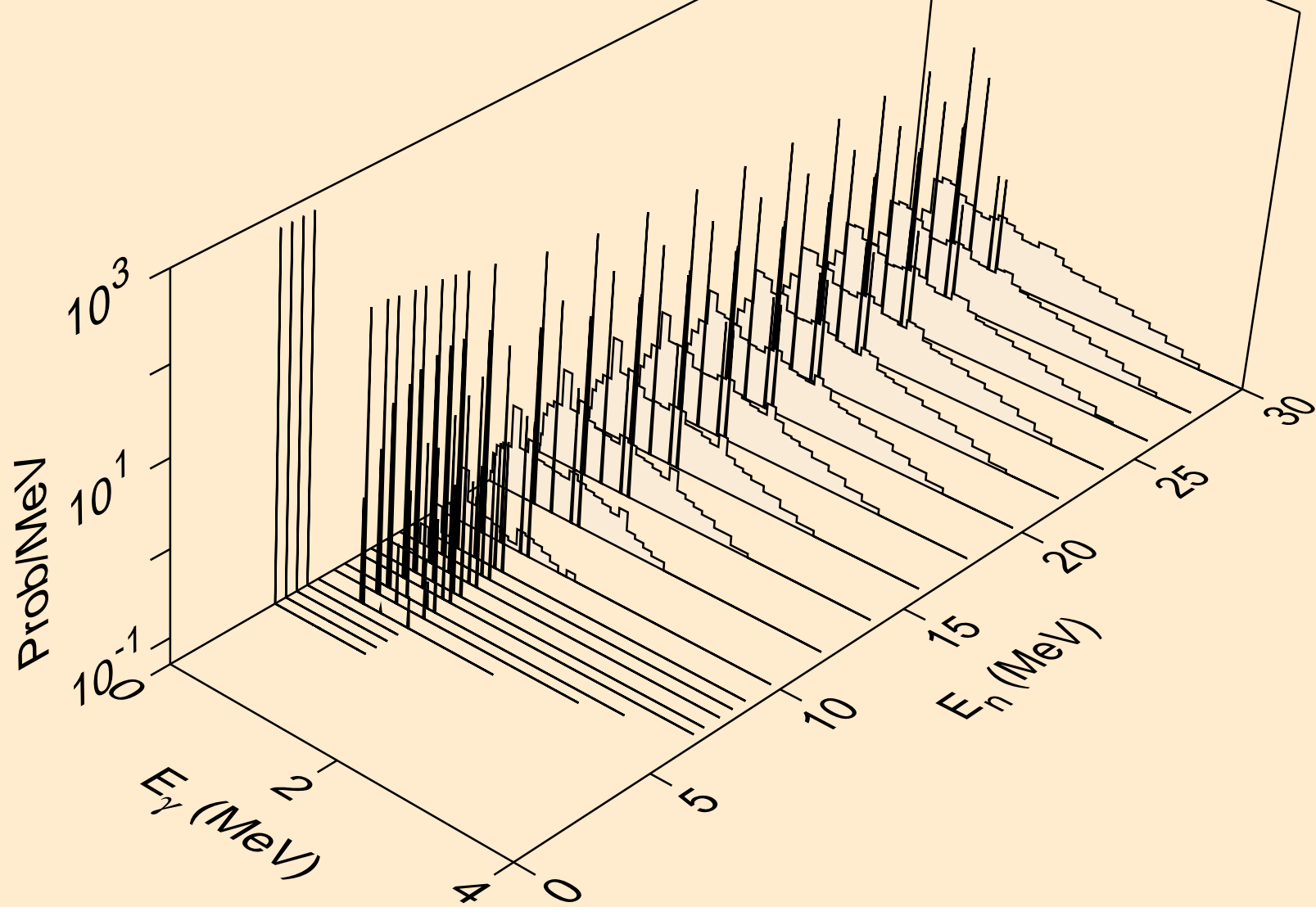
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

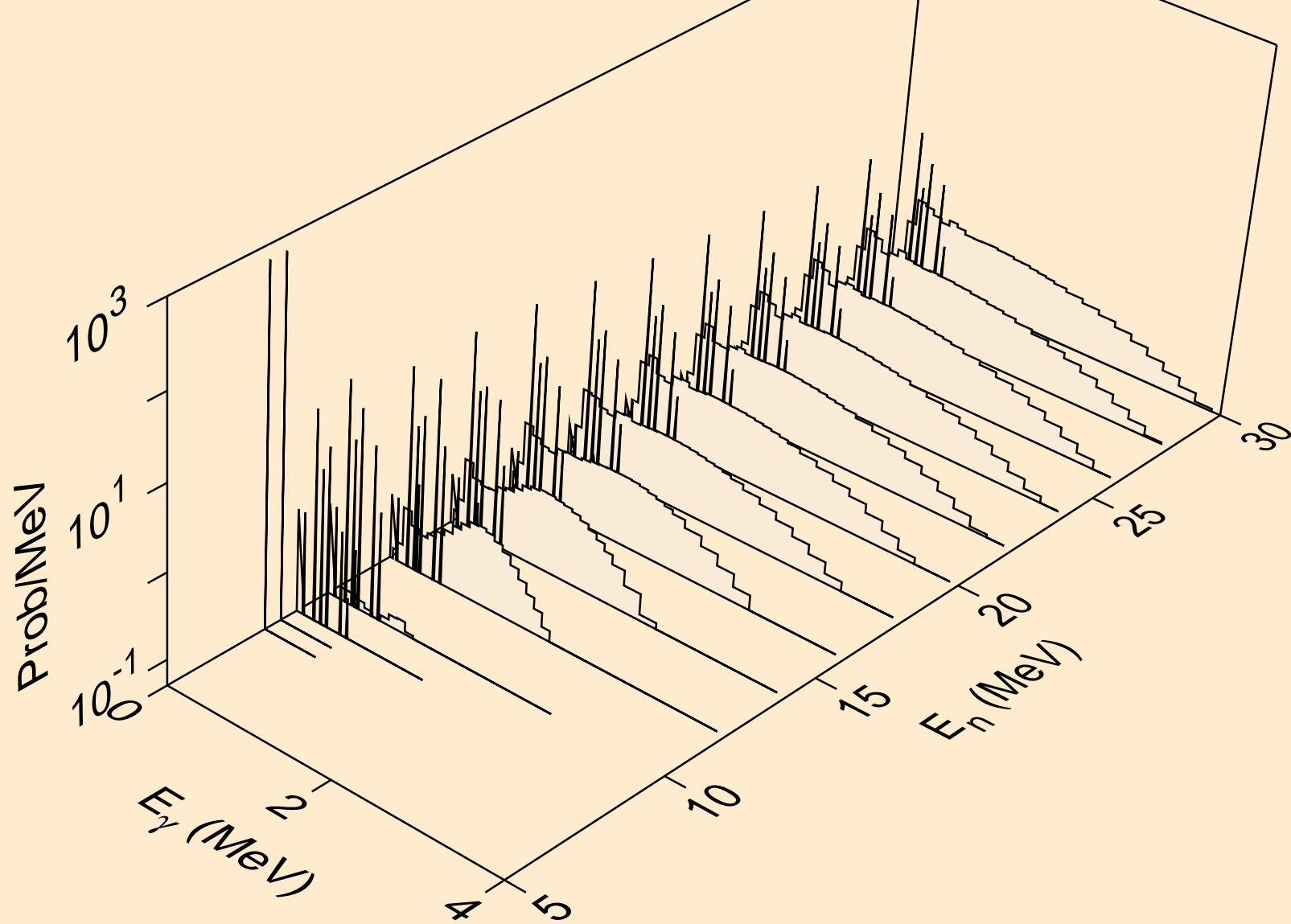


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

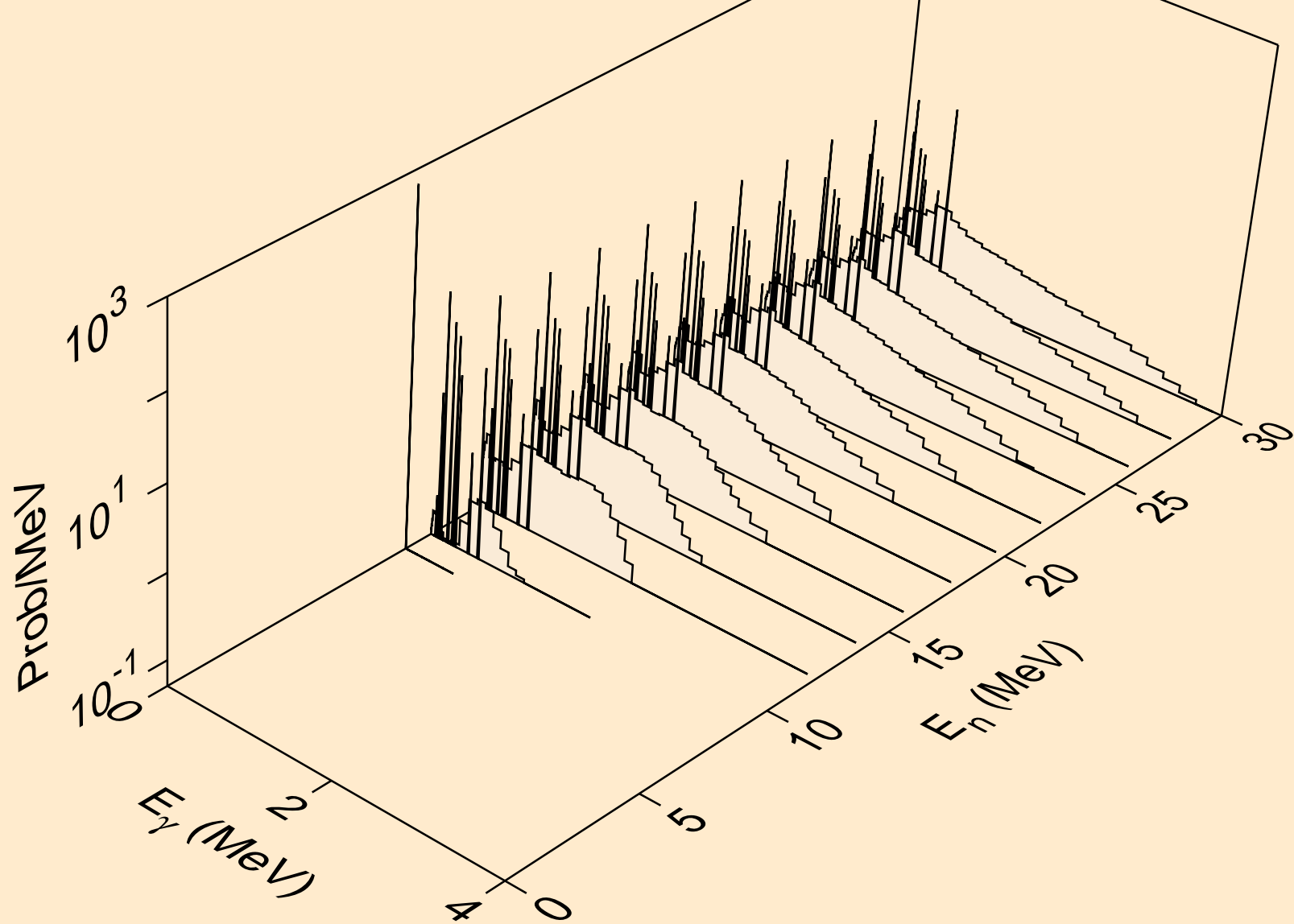




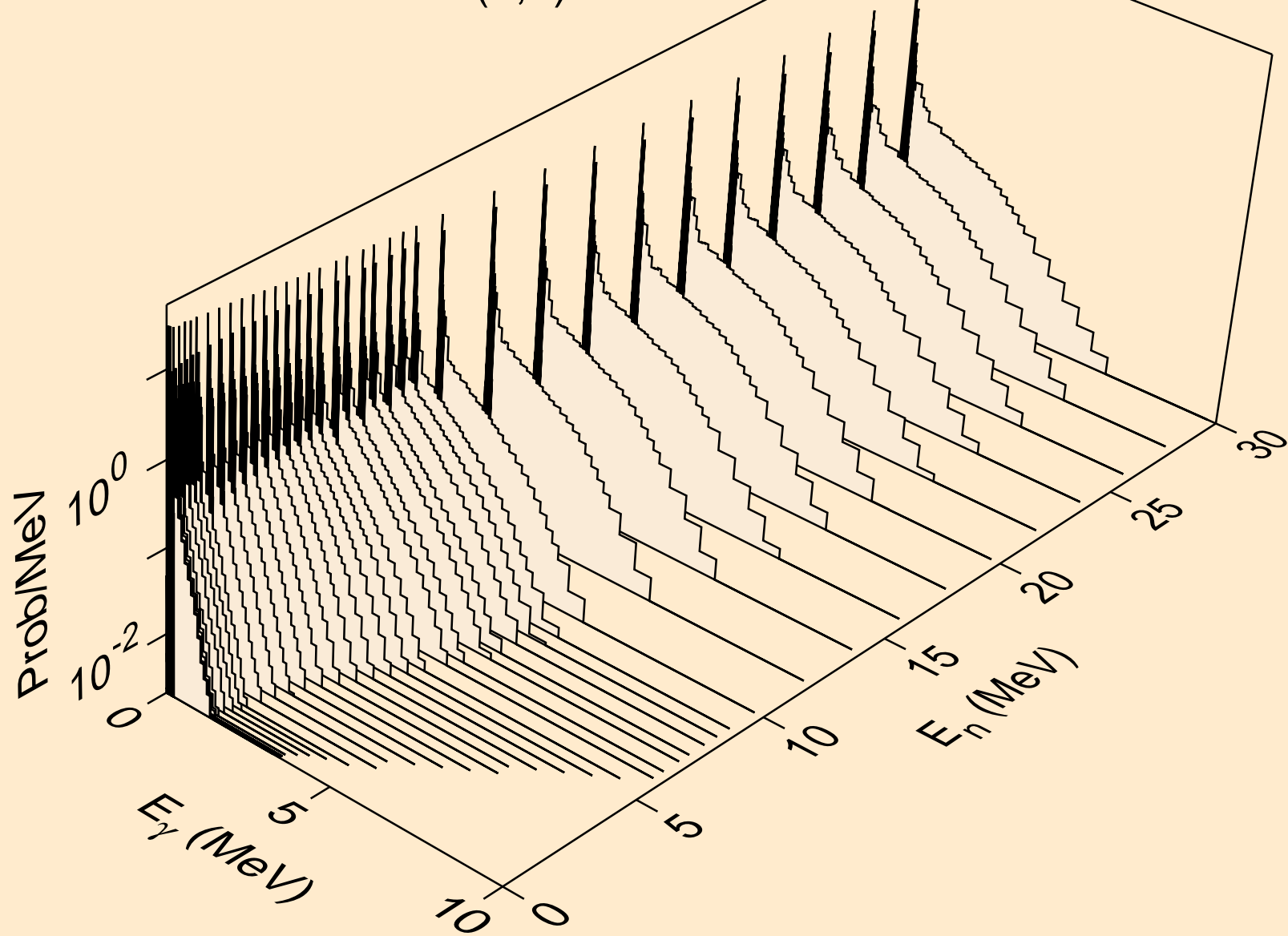
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



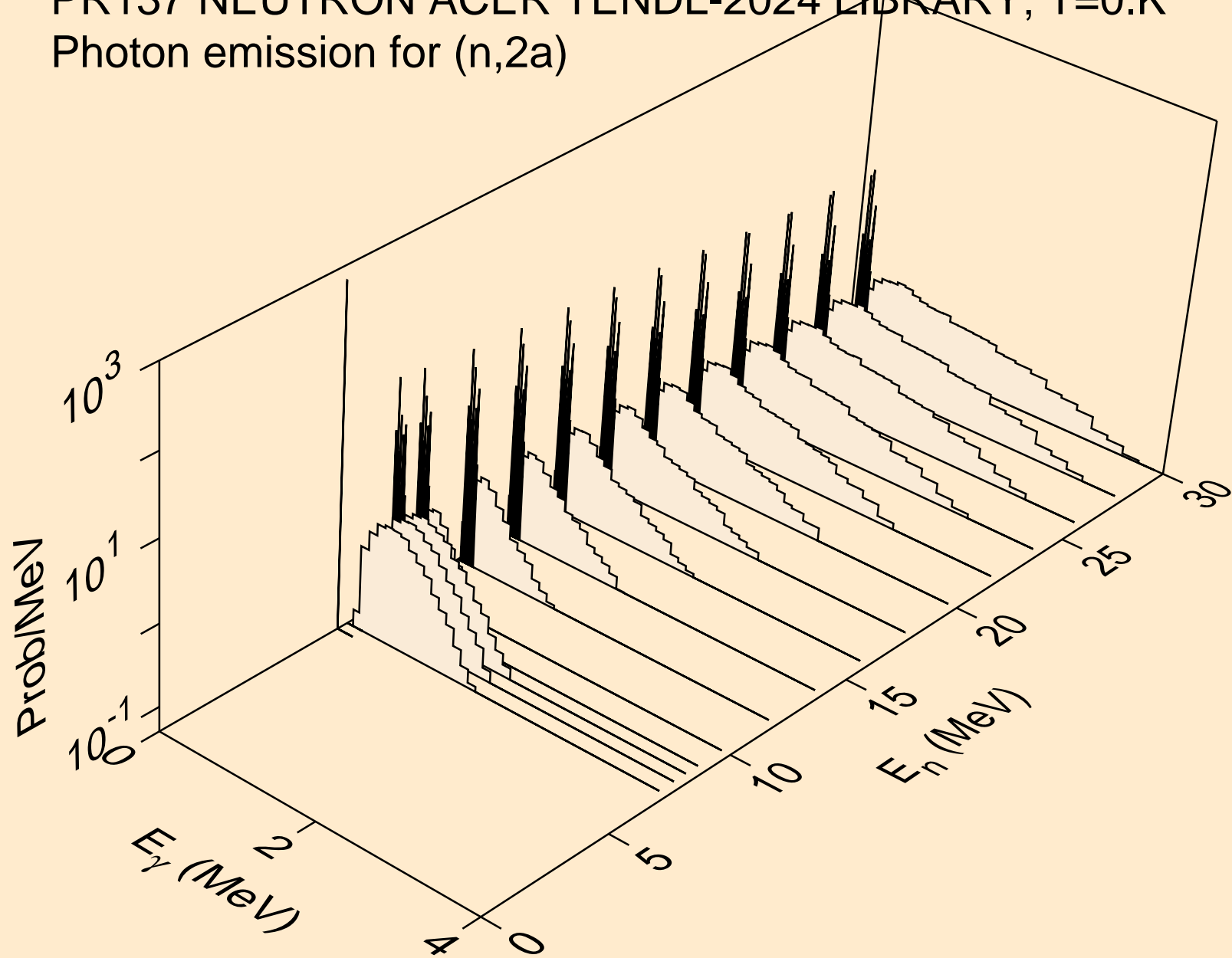
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



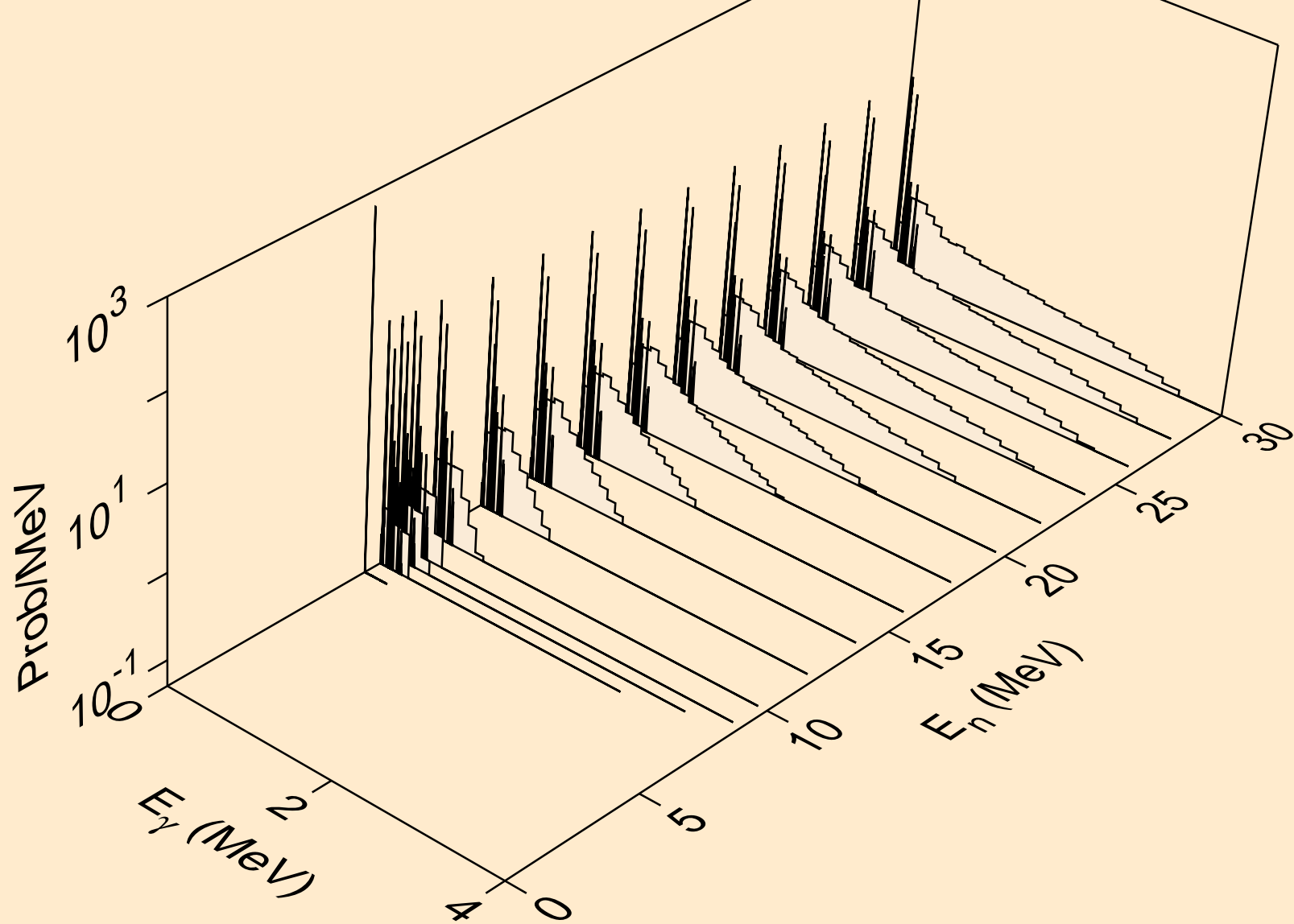
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Photon emission for (n,a)



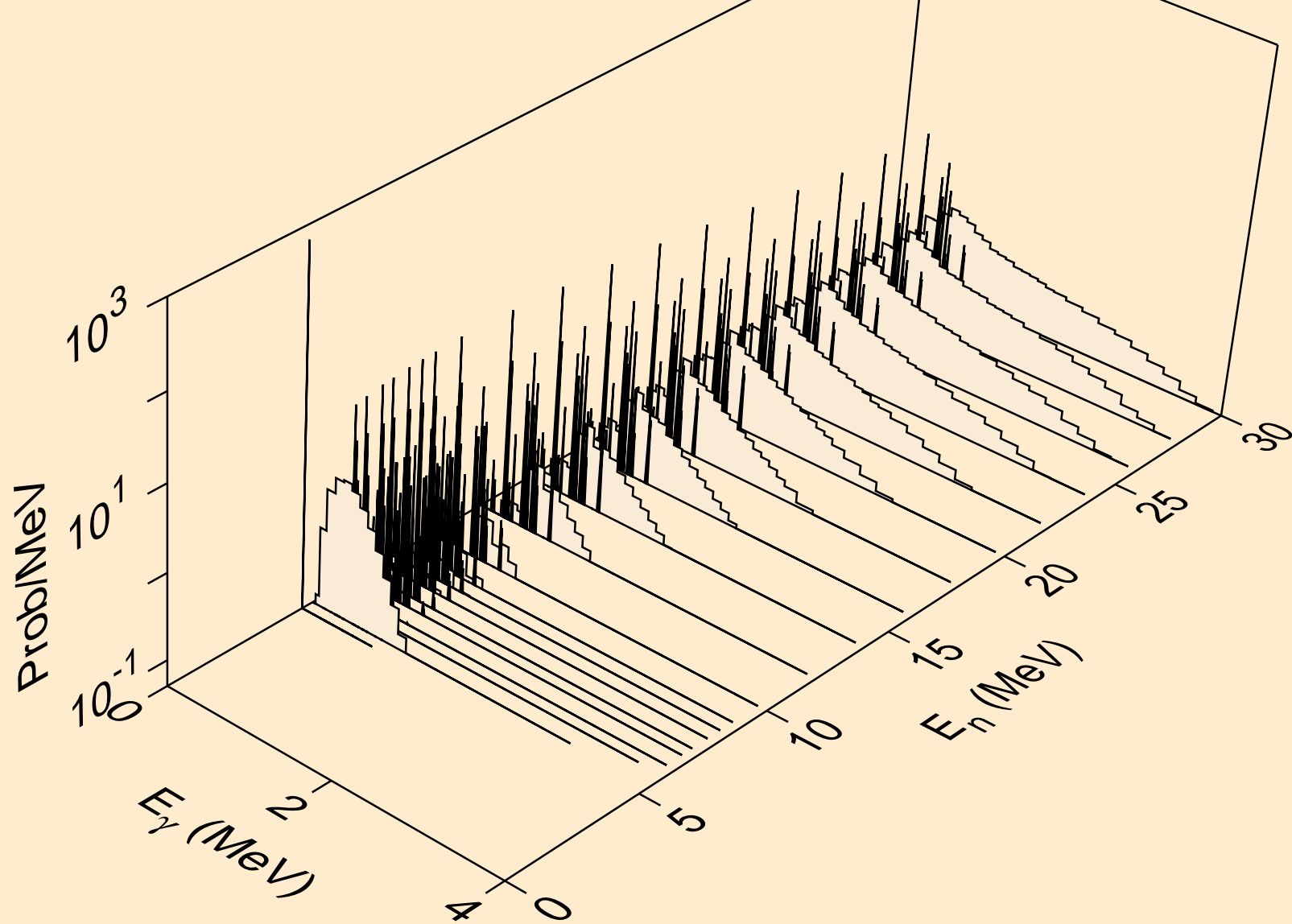
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



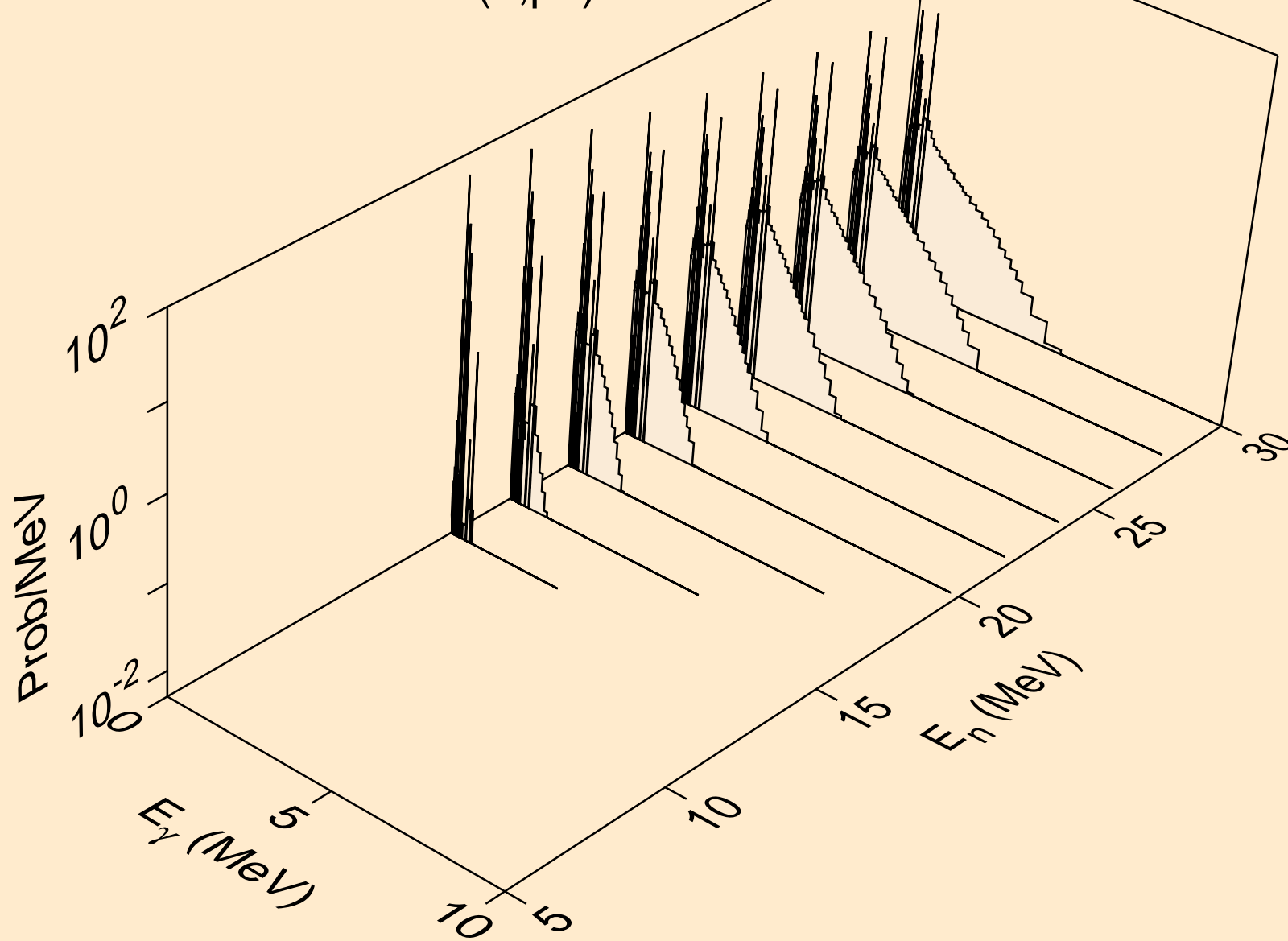
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Photon emission for (n,2p)



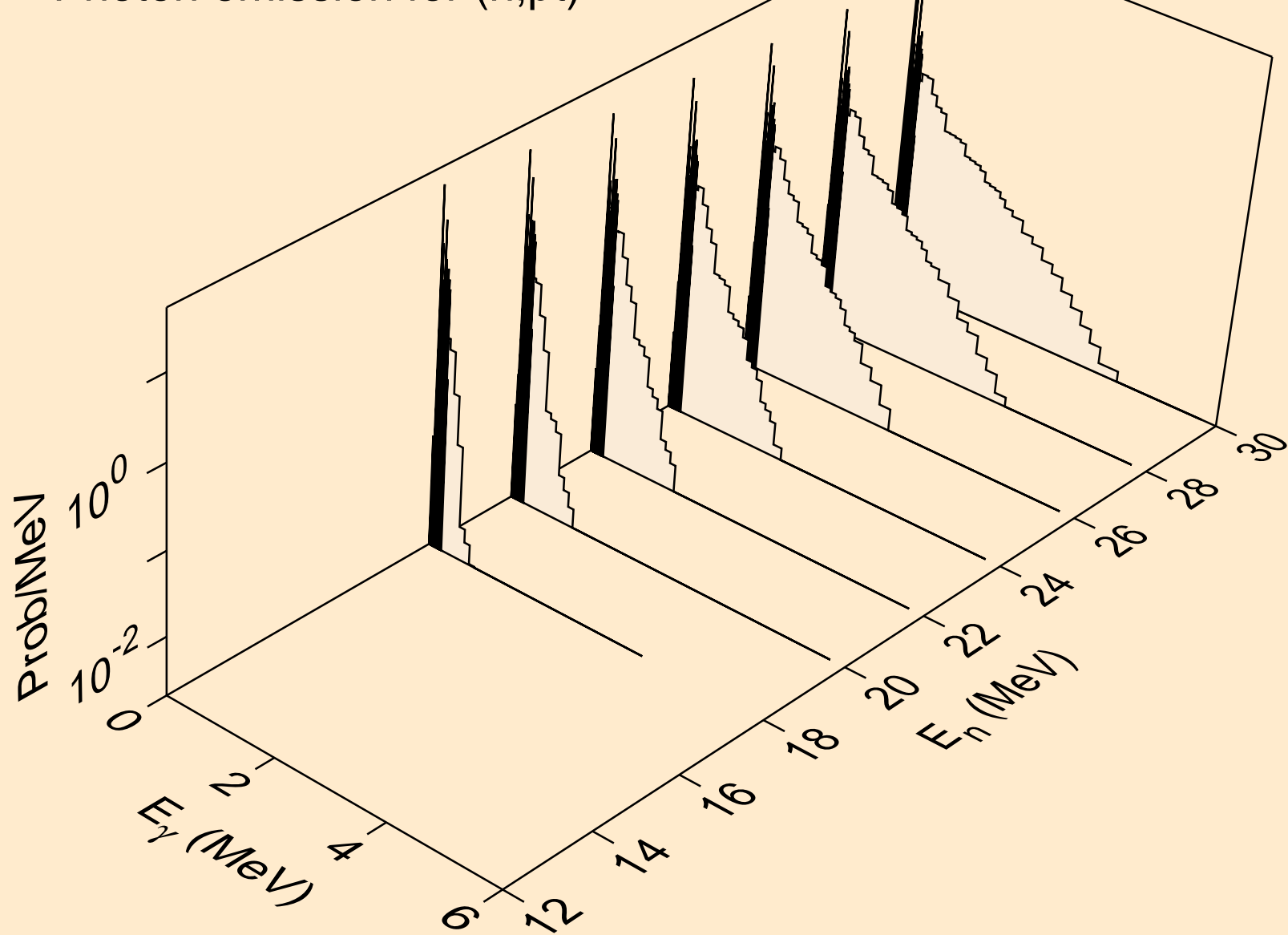
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

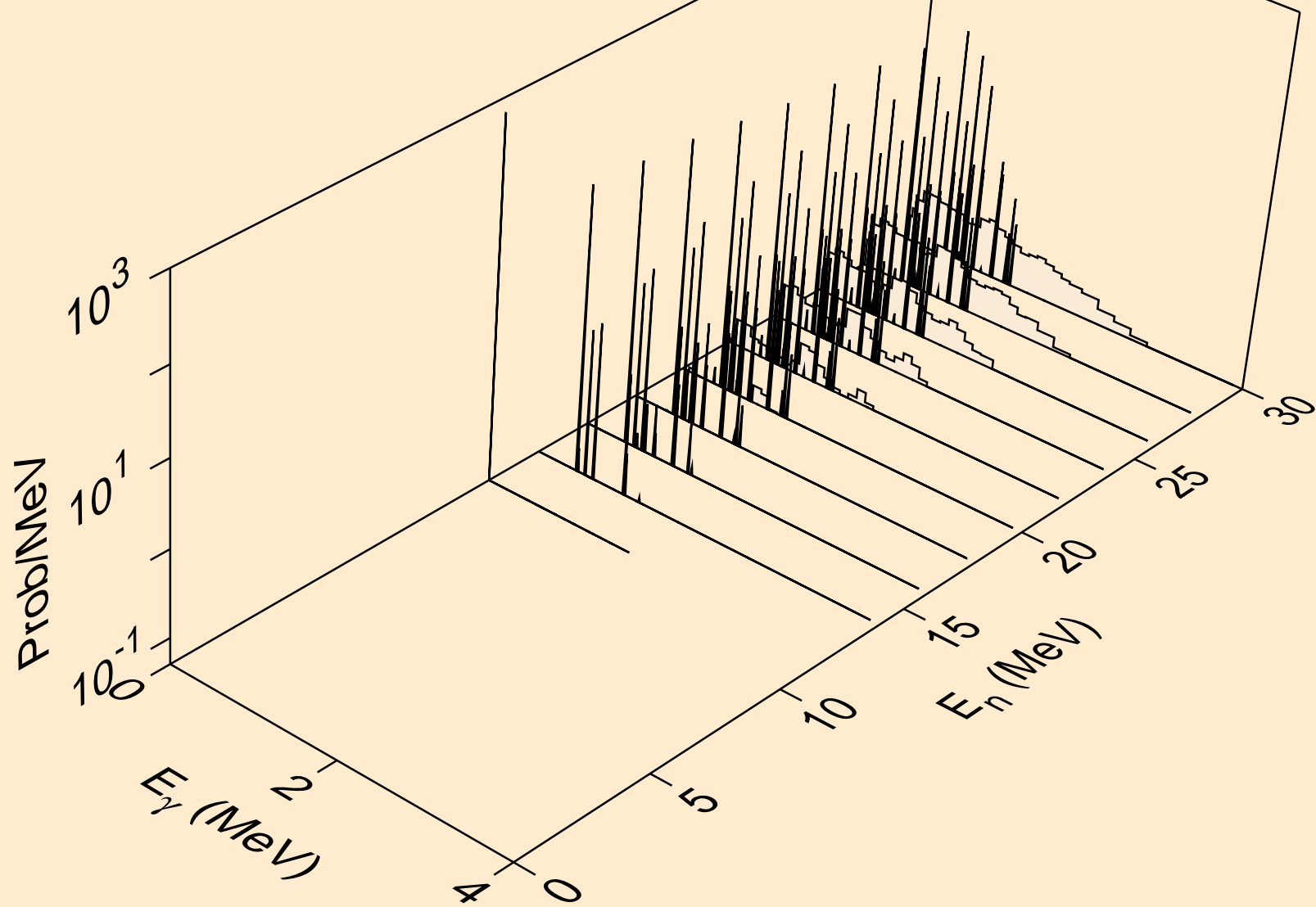


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

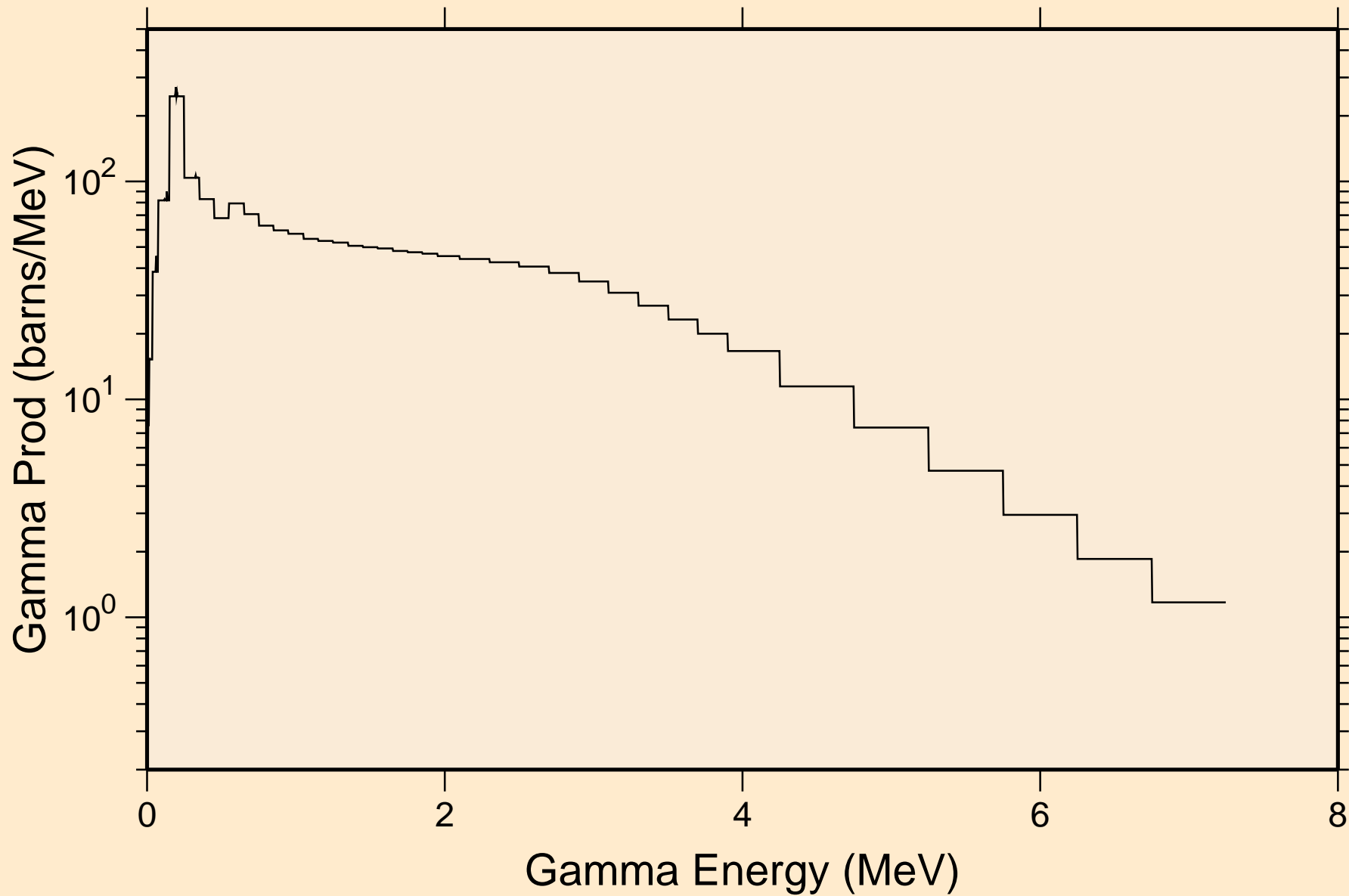




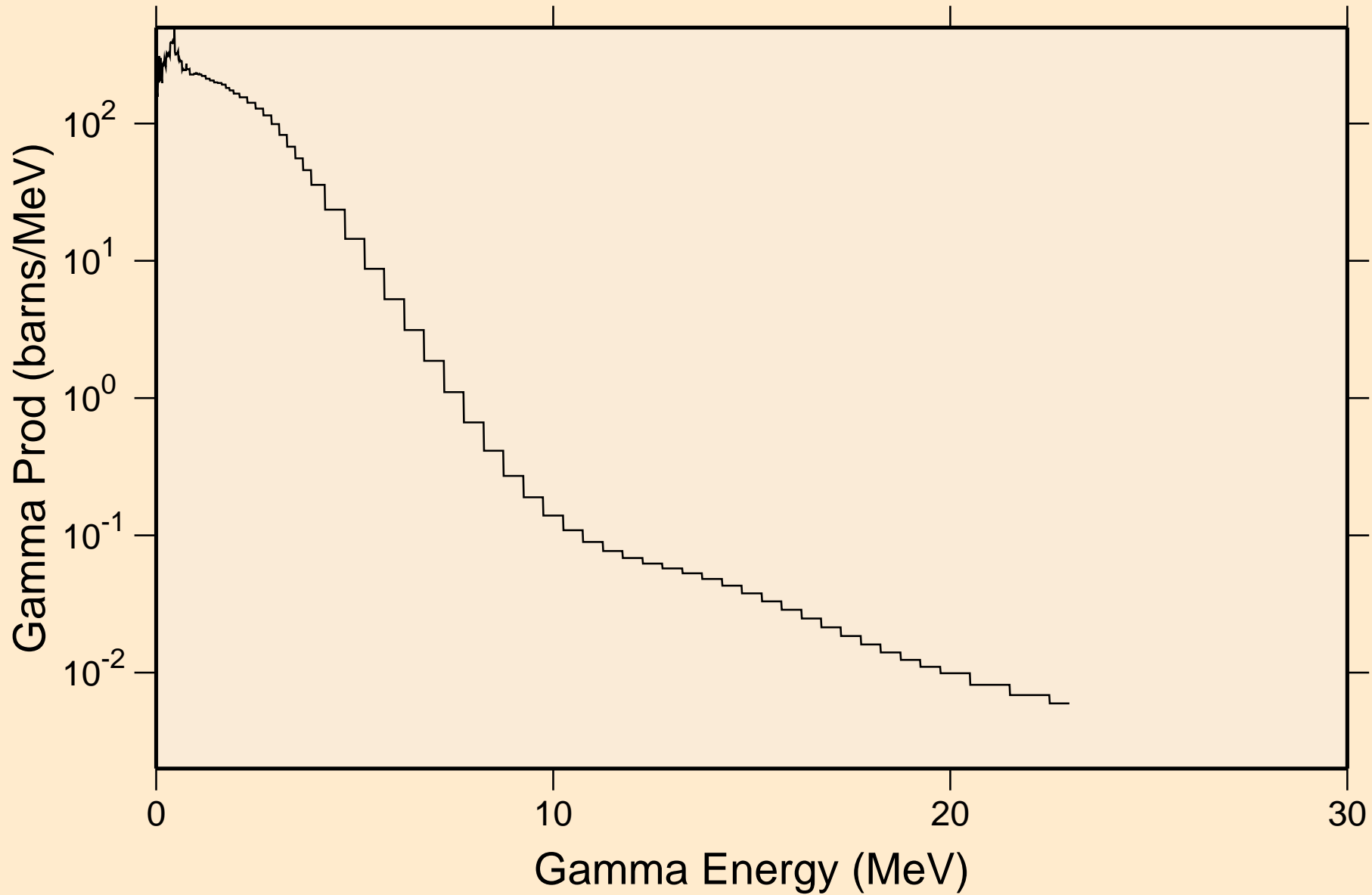
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



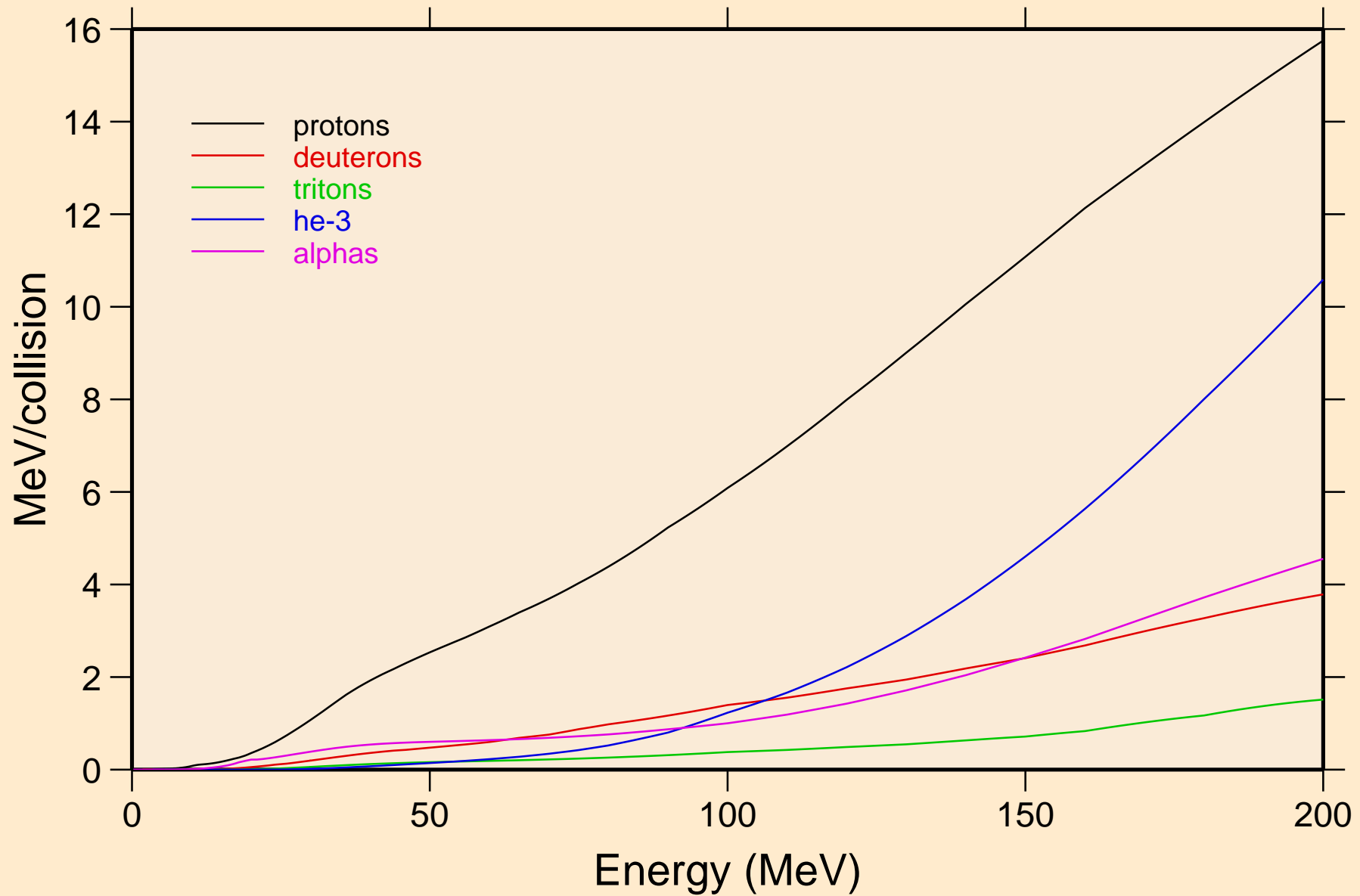
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



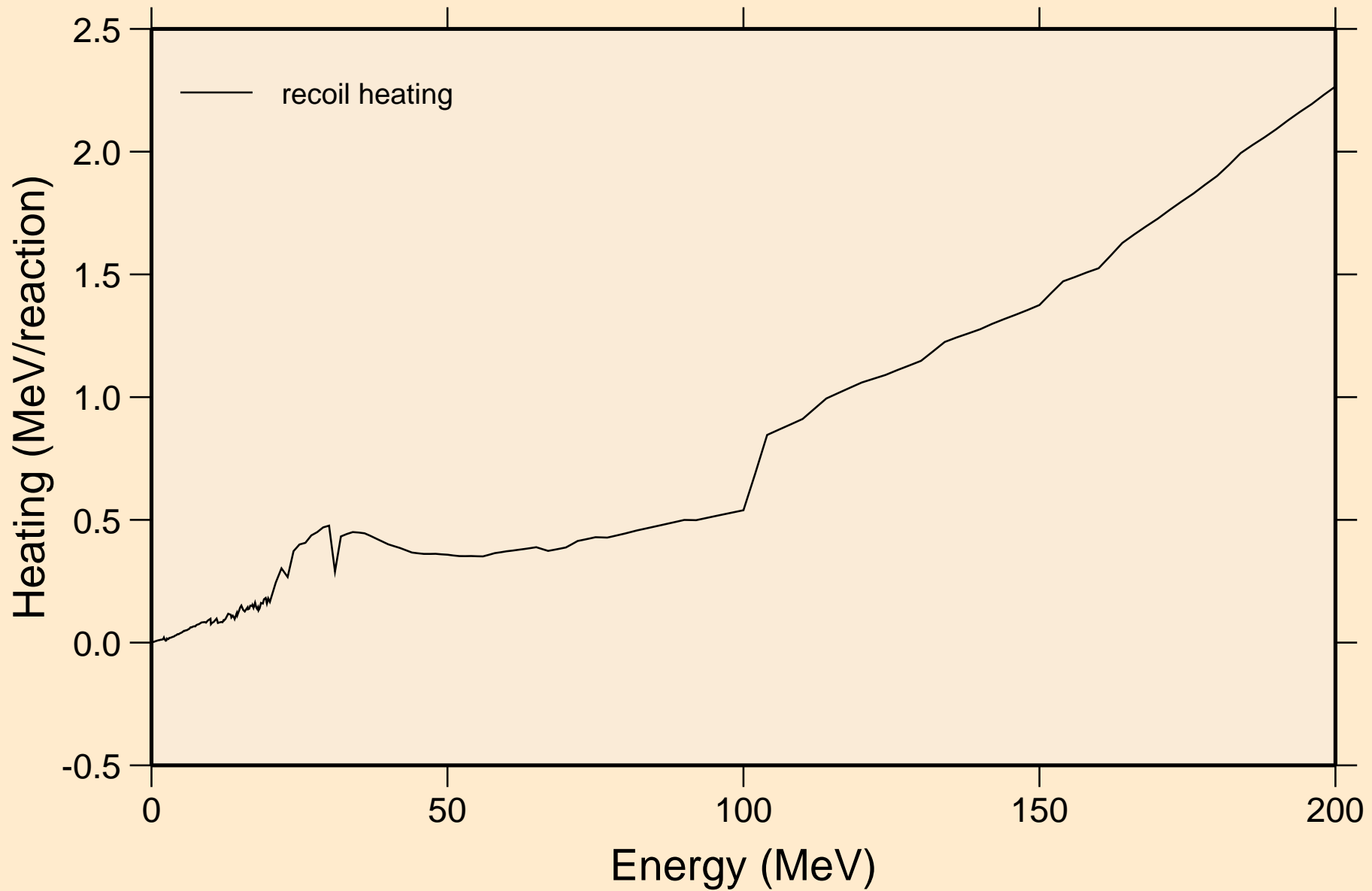
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14 MeV photon spectrum



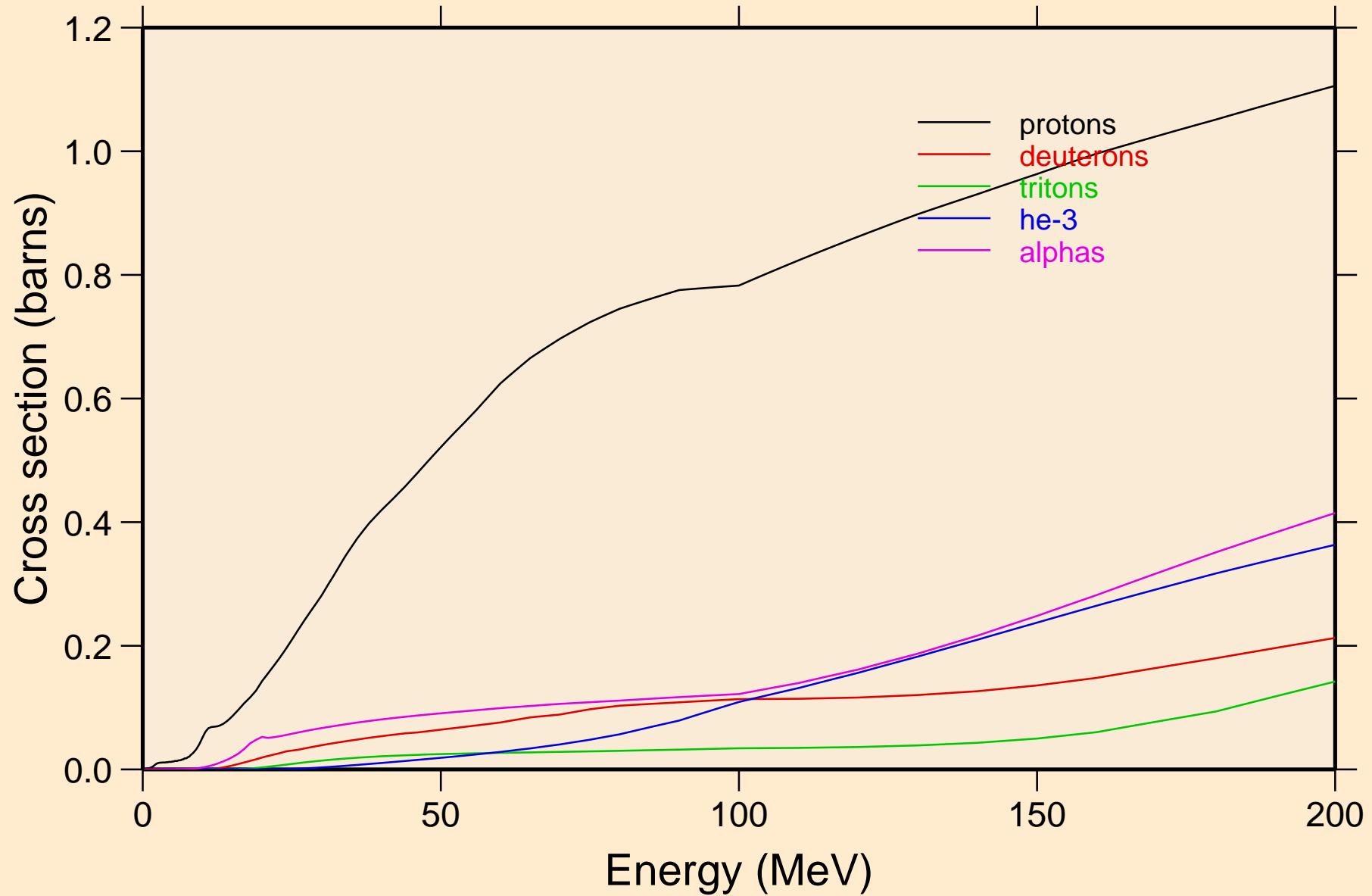
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



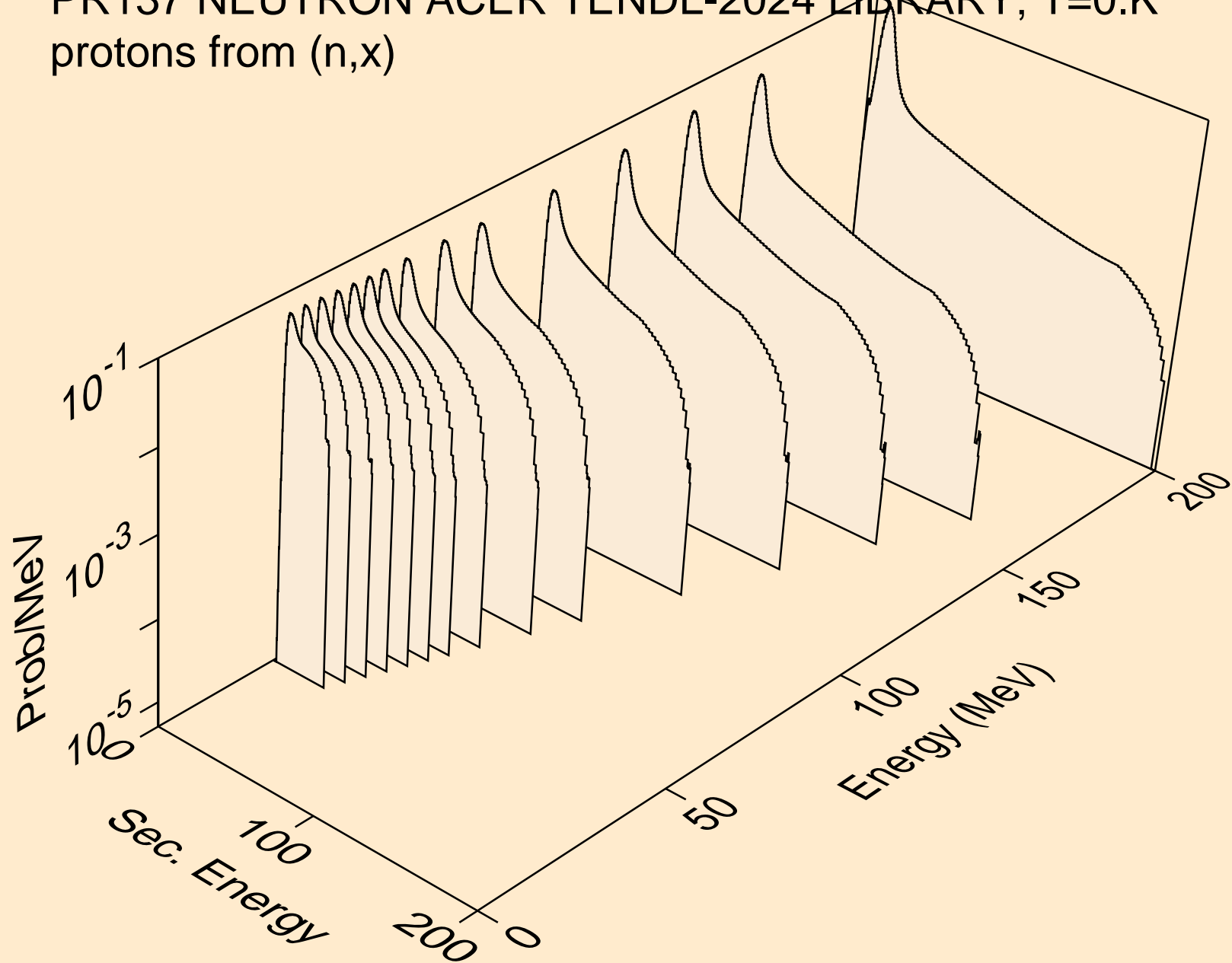
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



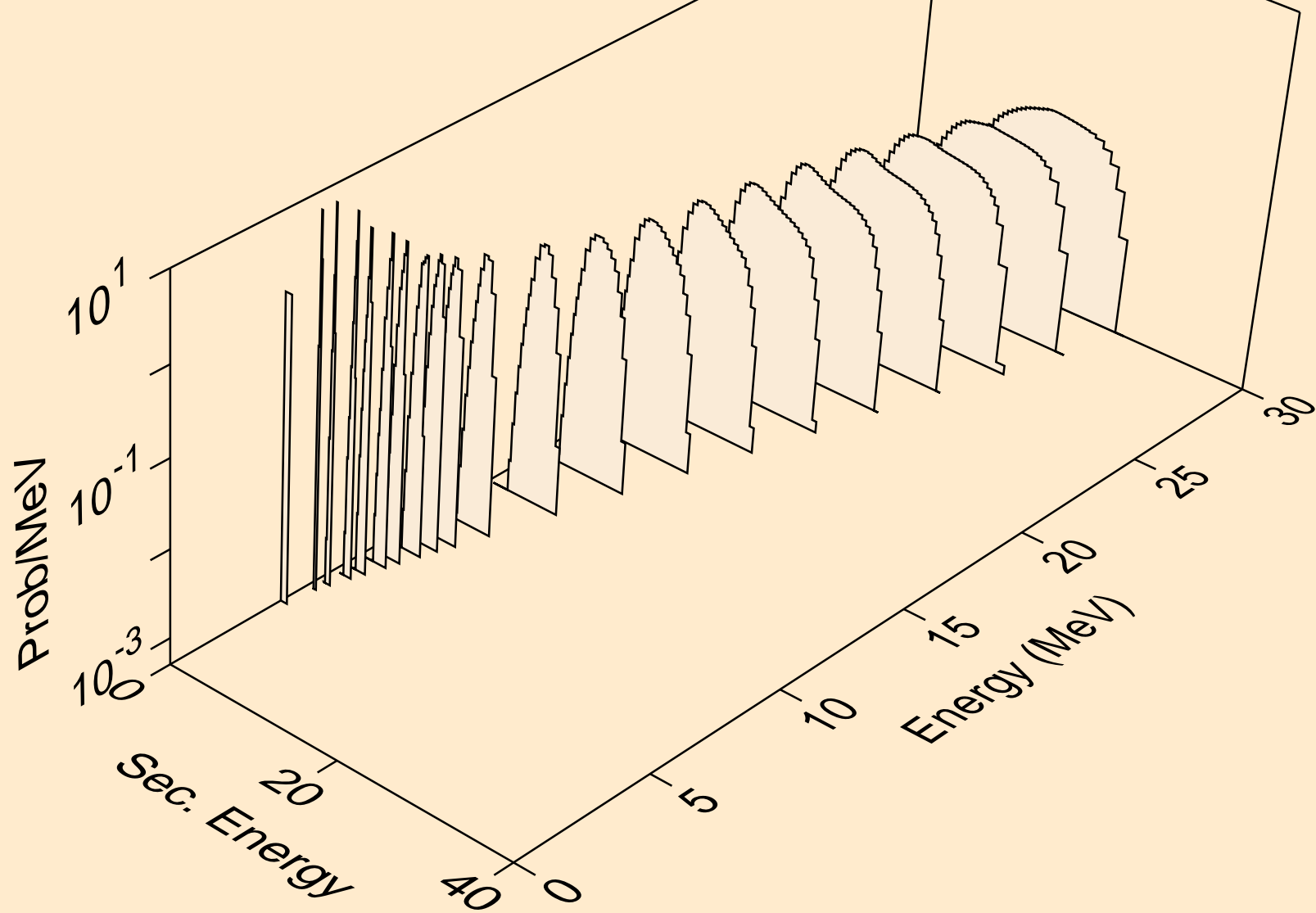
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

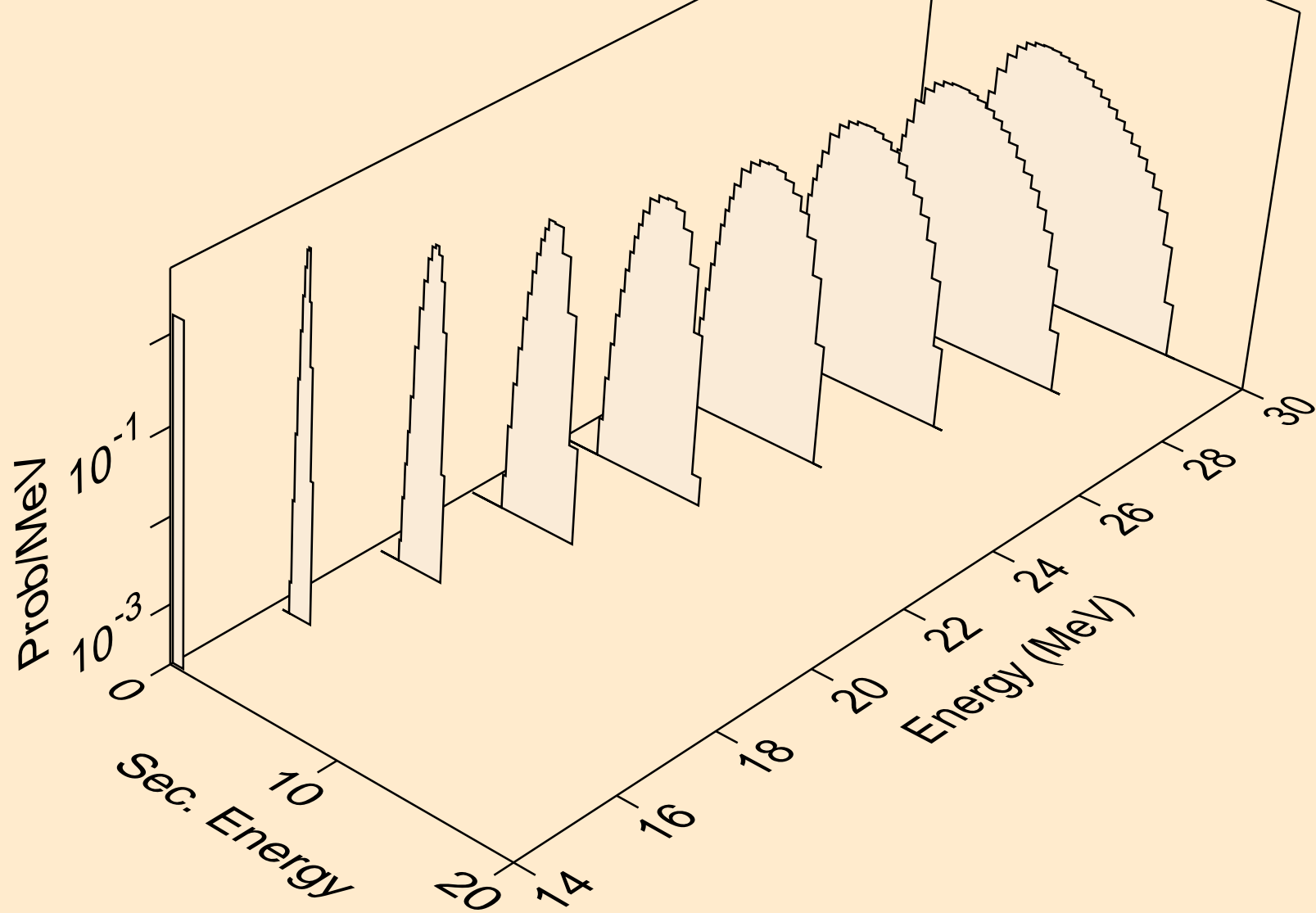


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

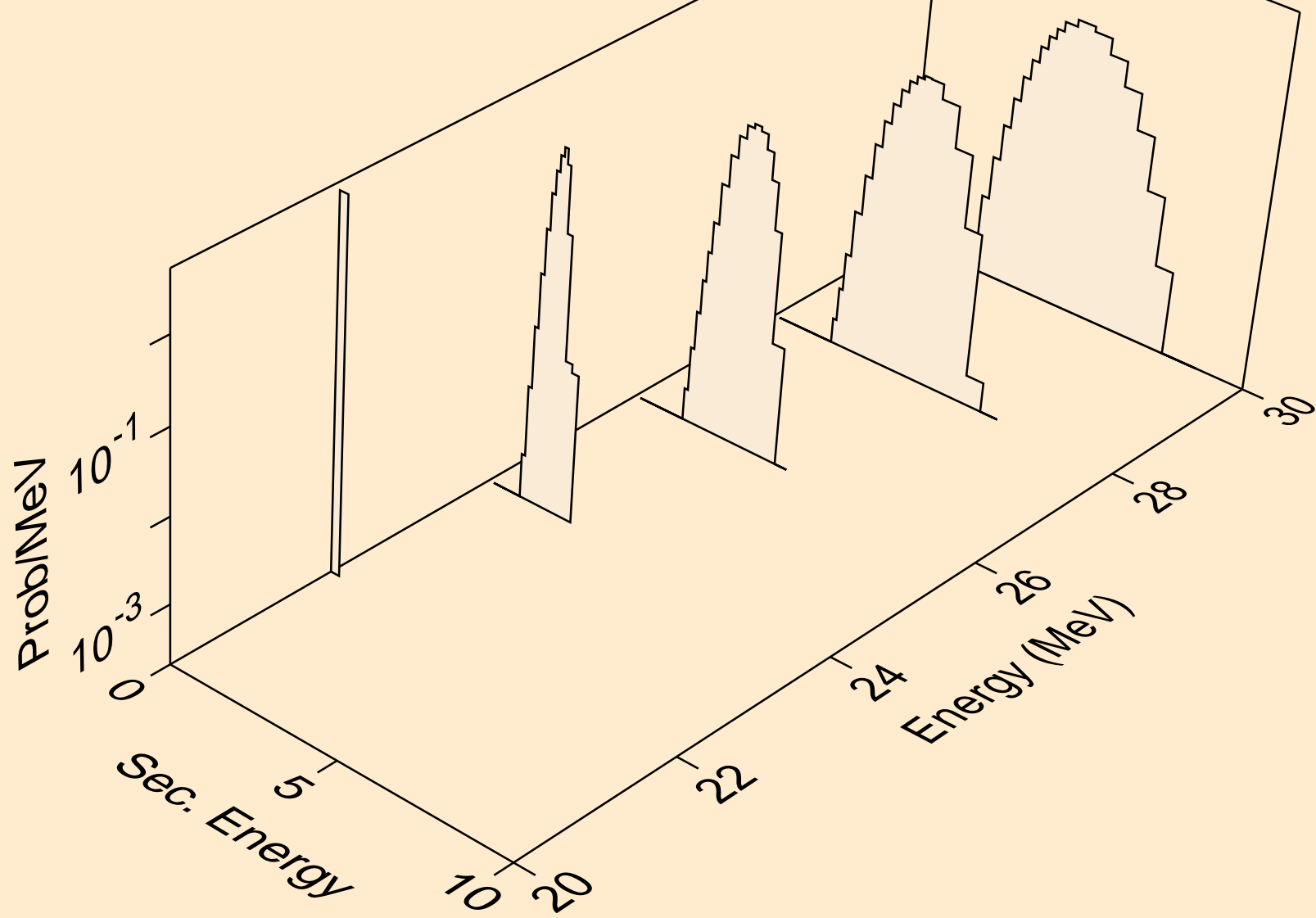




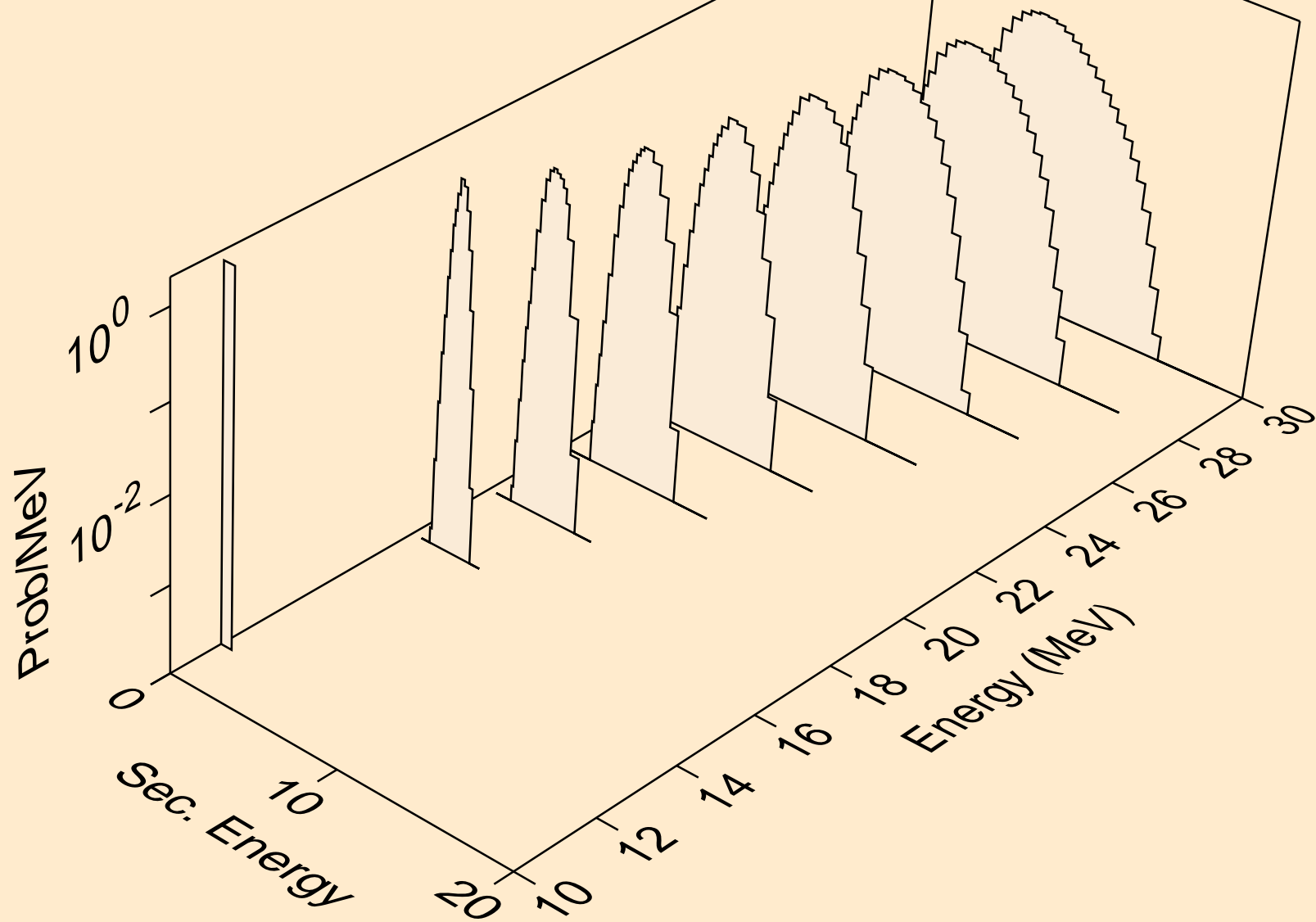
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



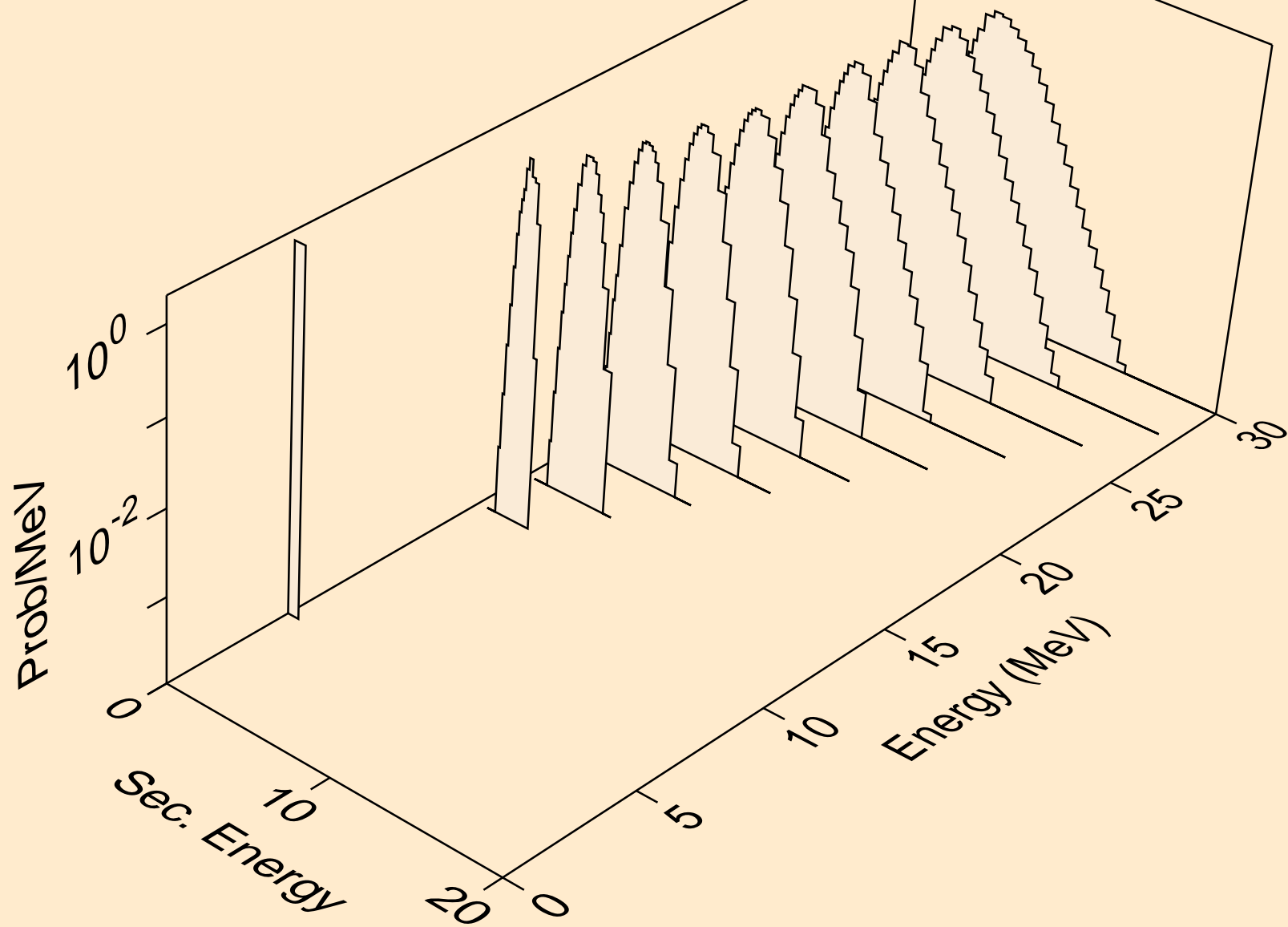
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protons from (n,3np)



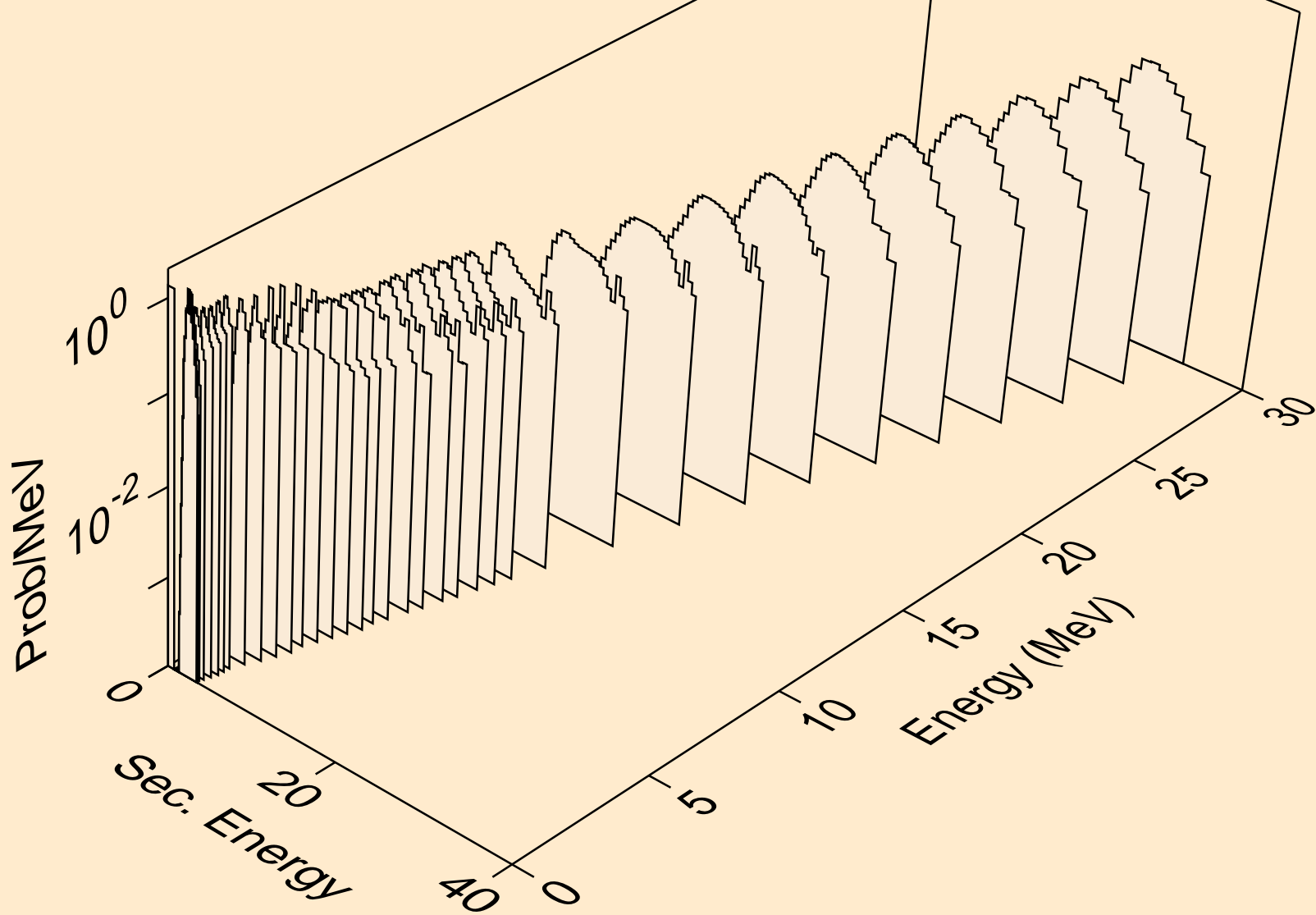
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protons from (n,n2p)



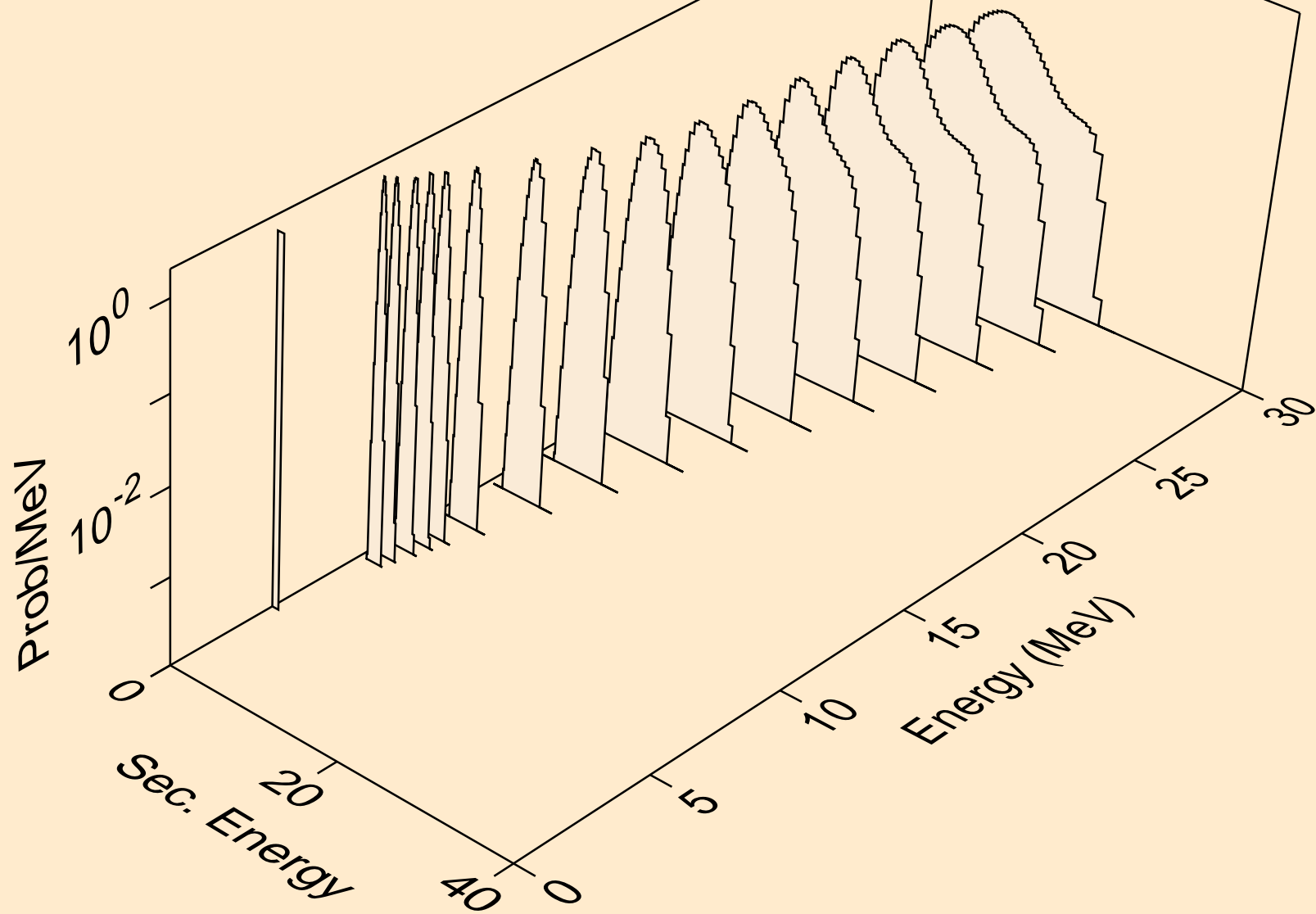
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protons from (n,npa)



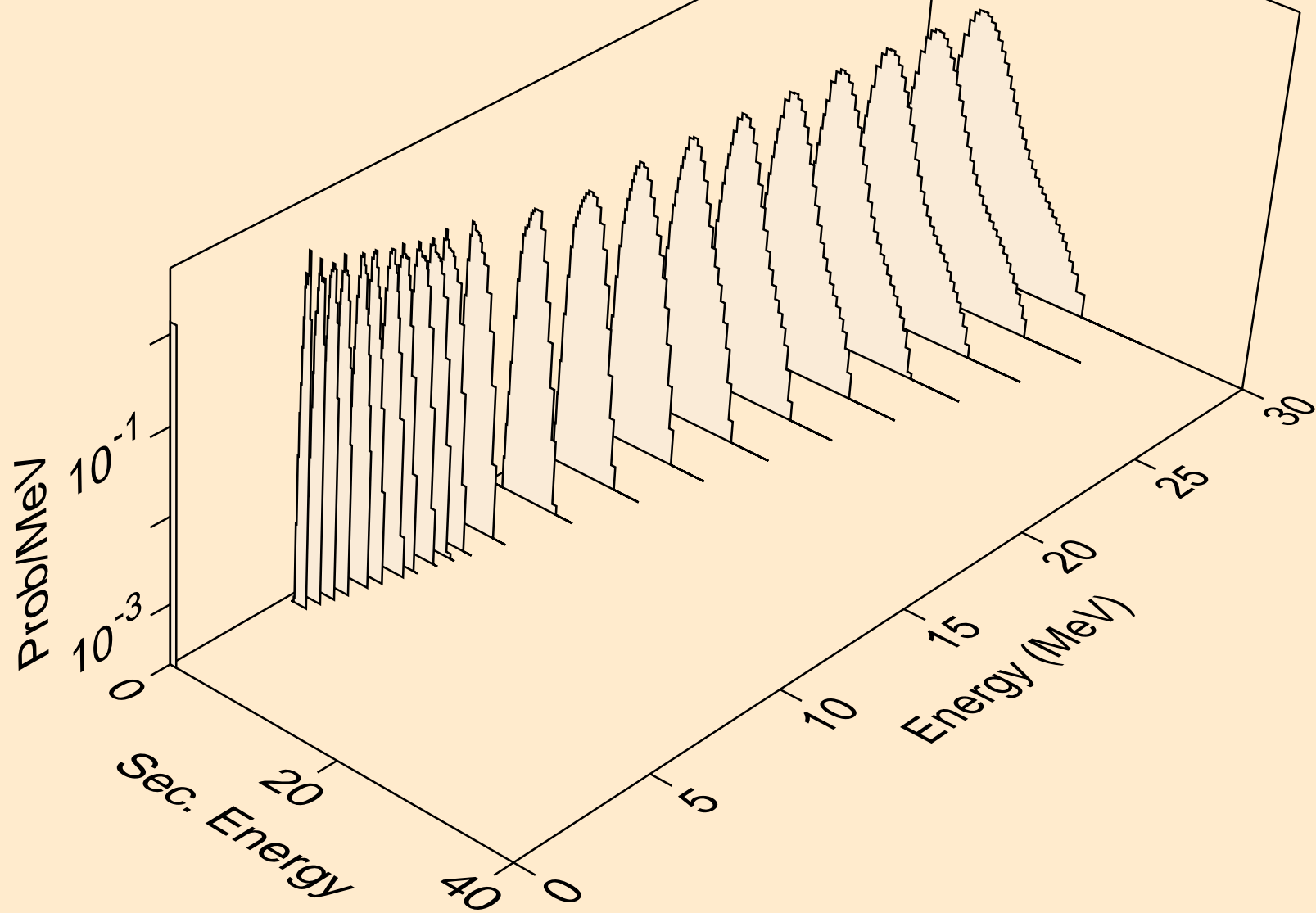
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protons from (n,p)



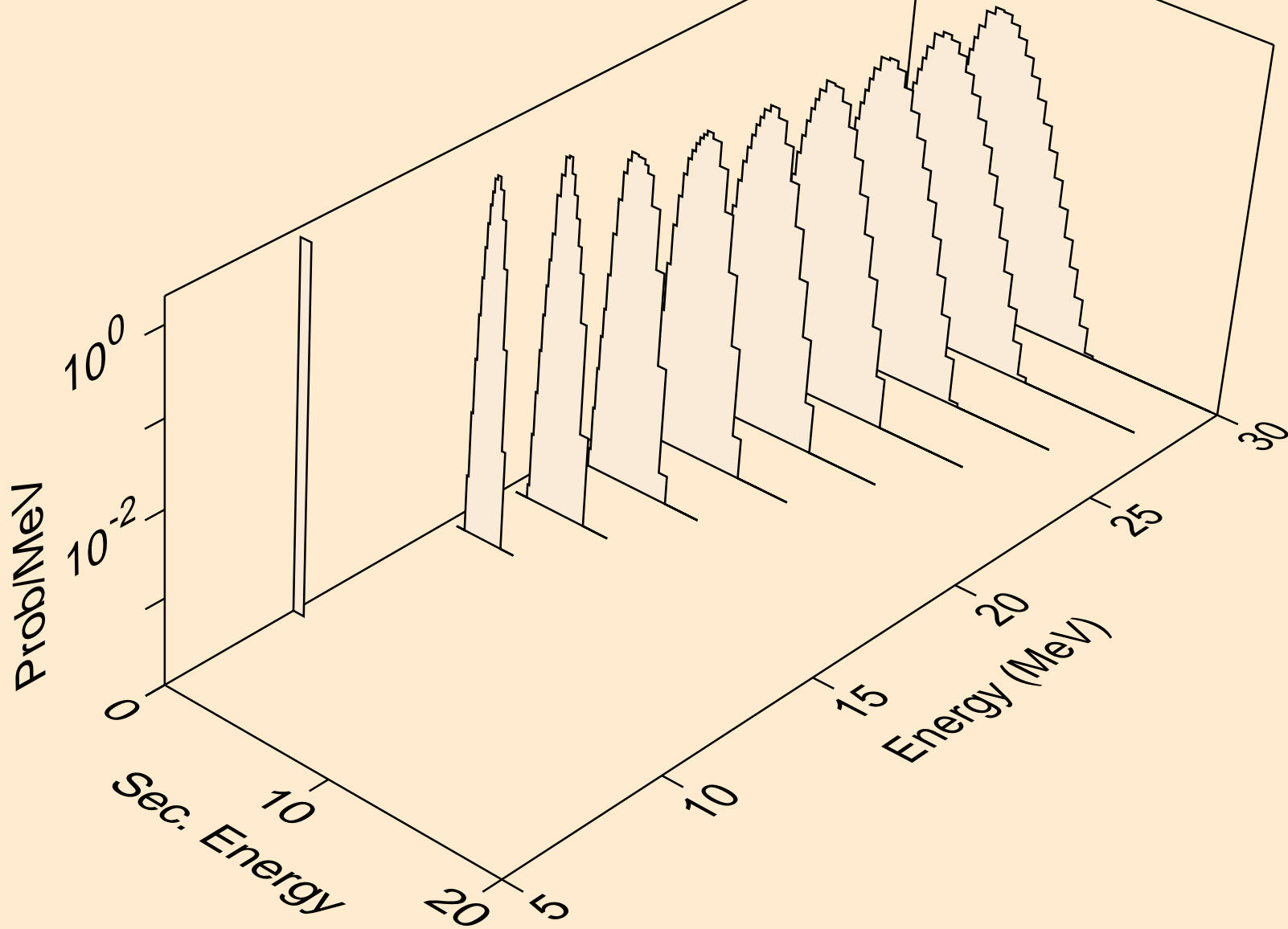
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protons from (n,2p)



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

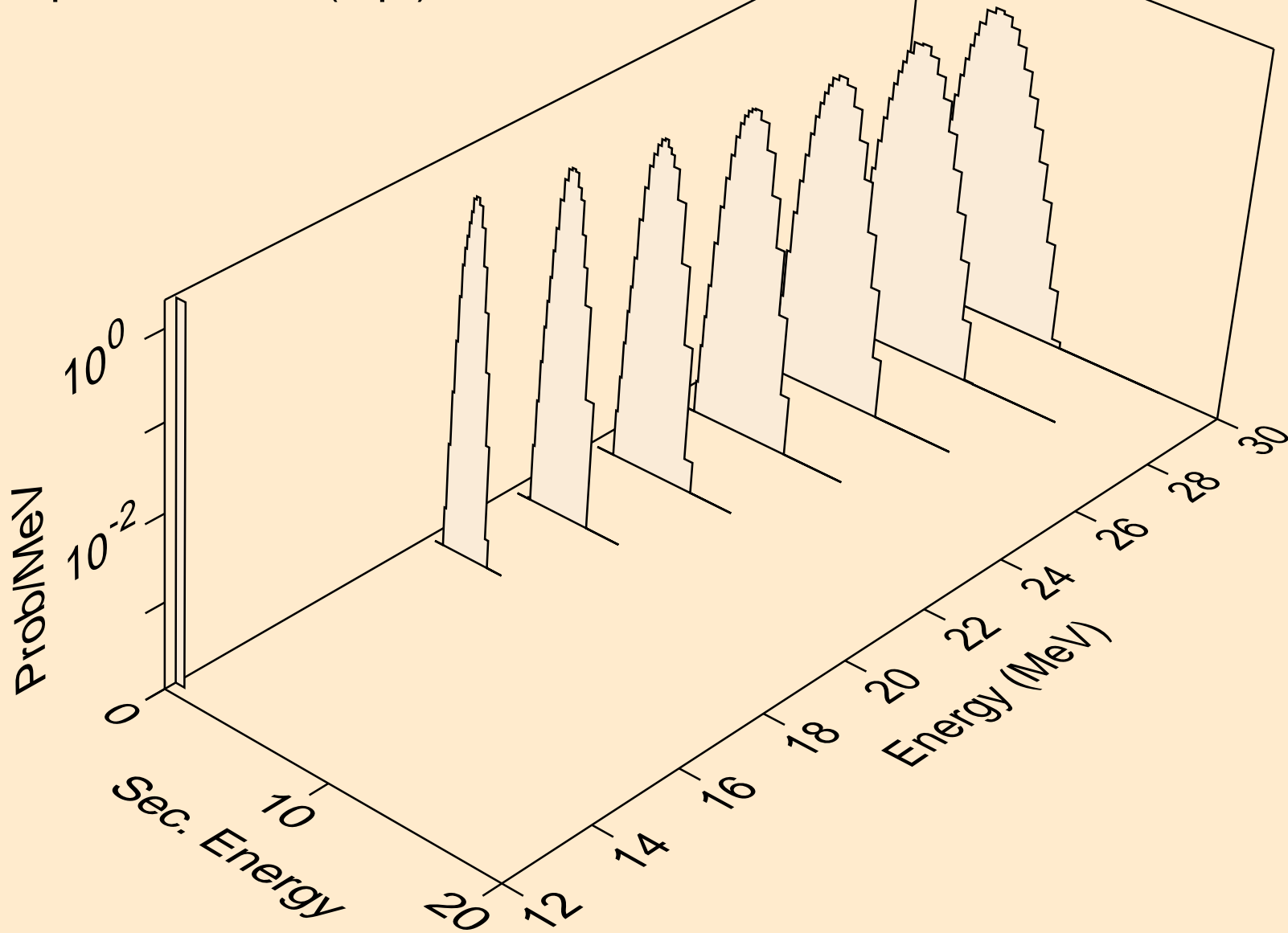


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protons from (n,pd)

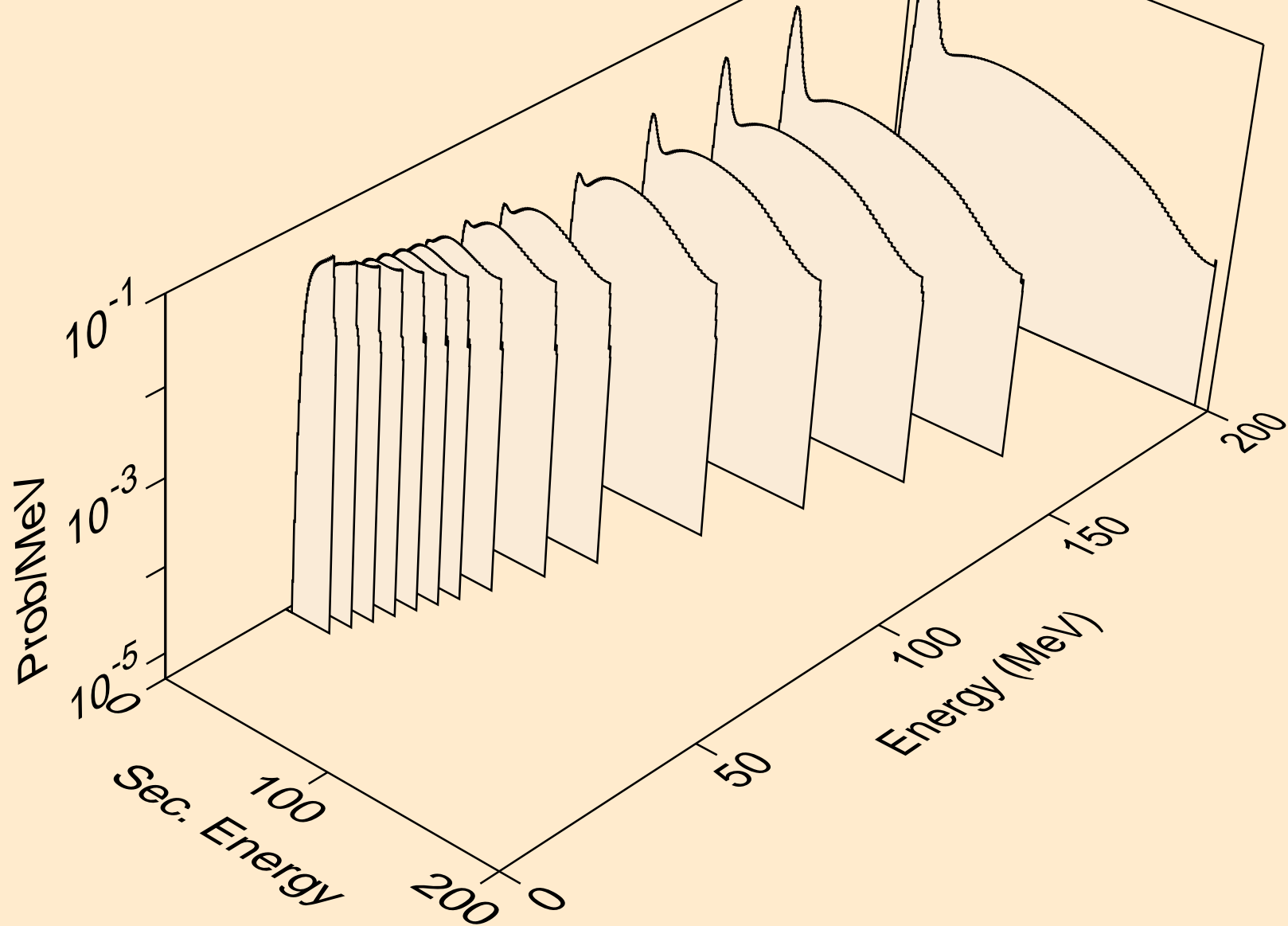




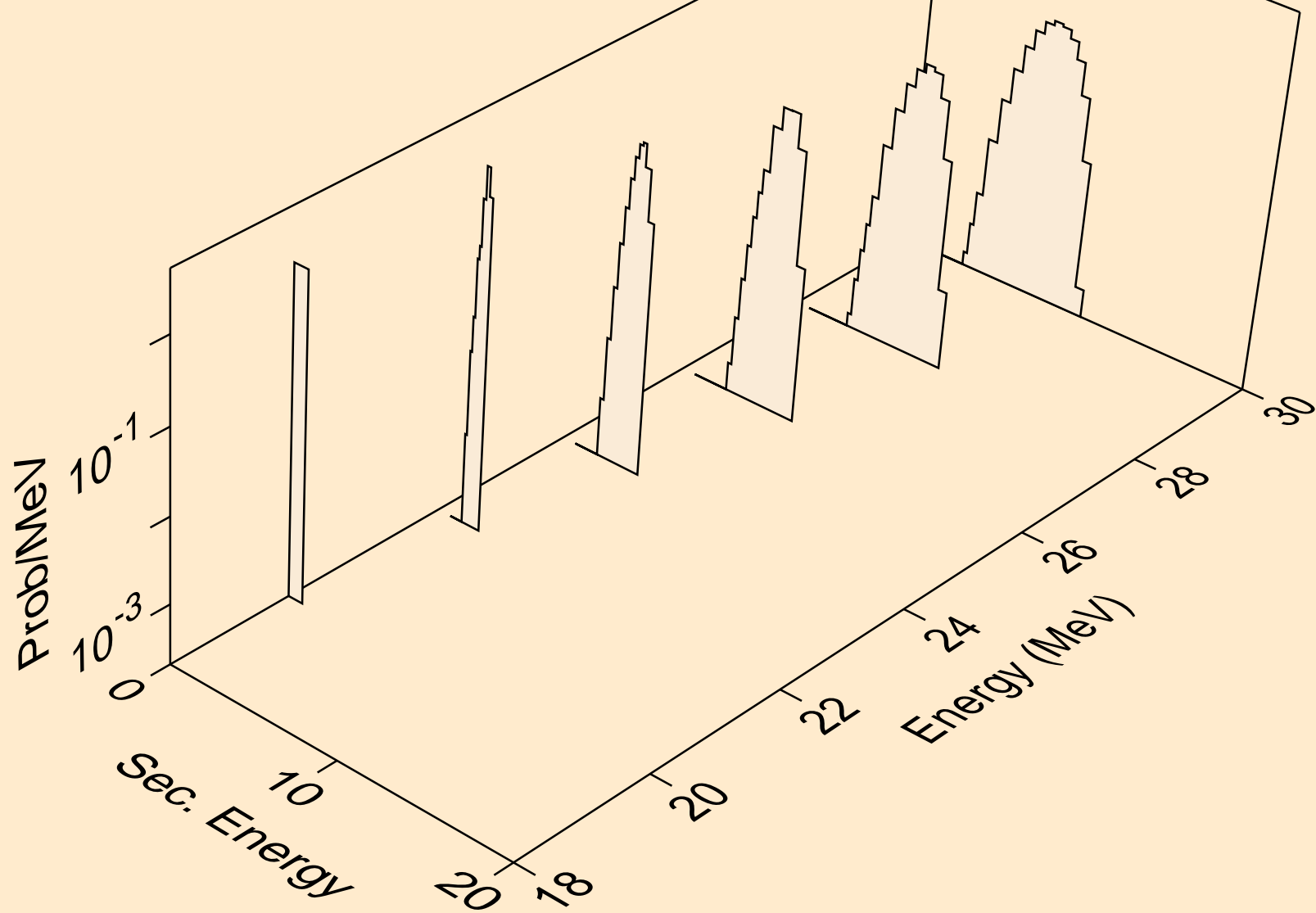
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



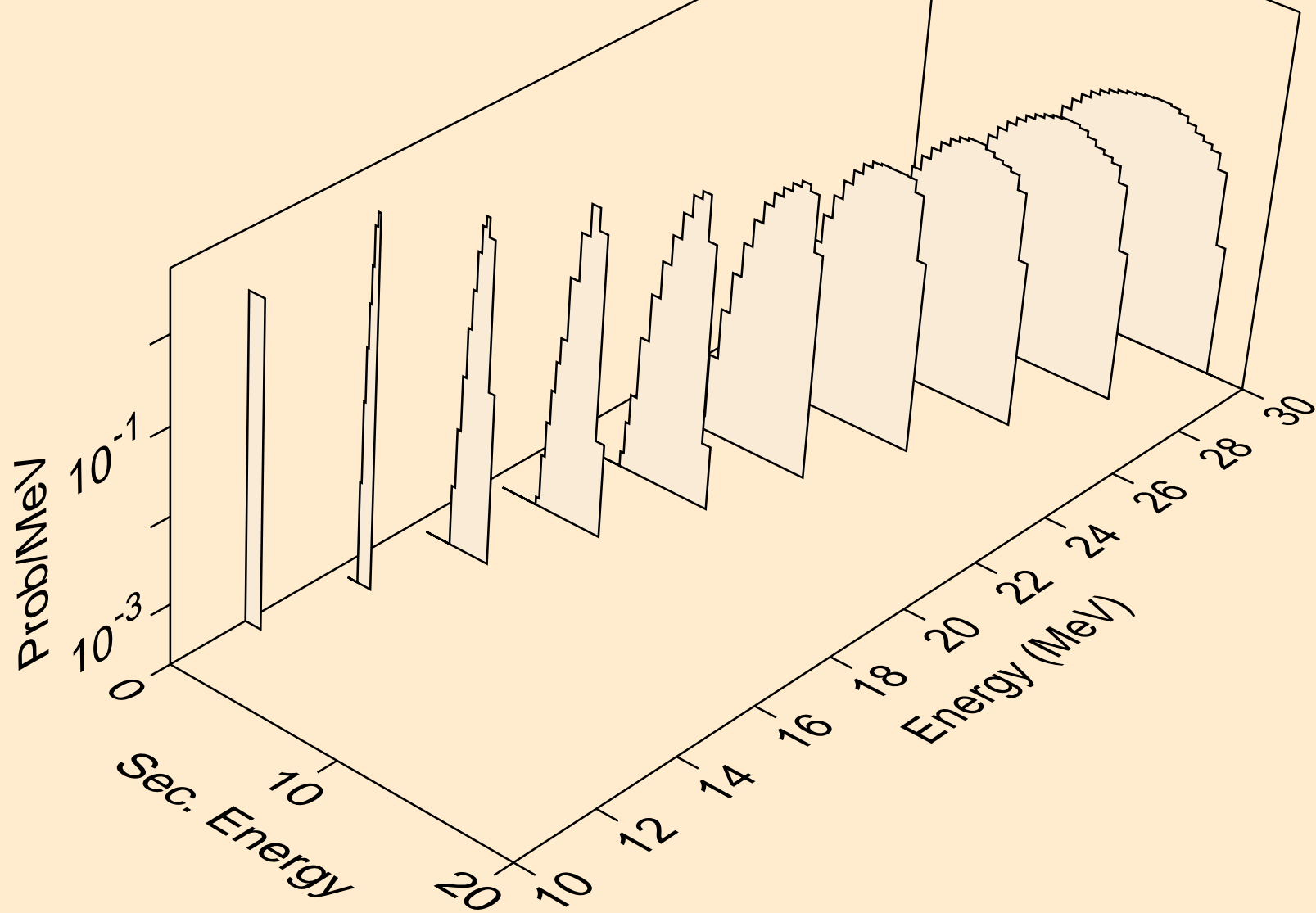
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



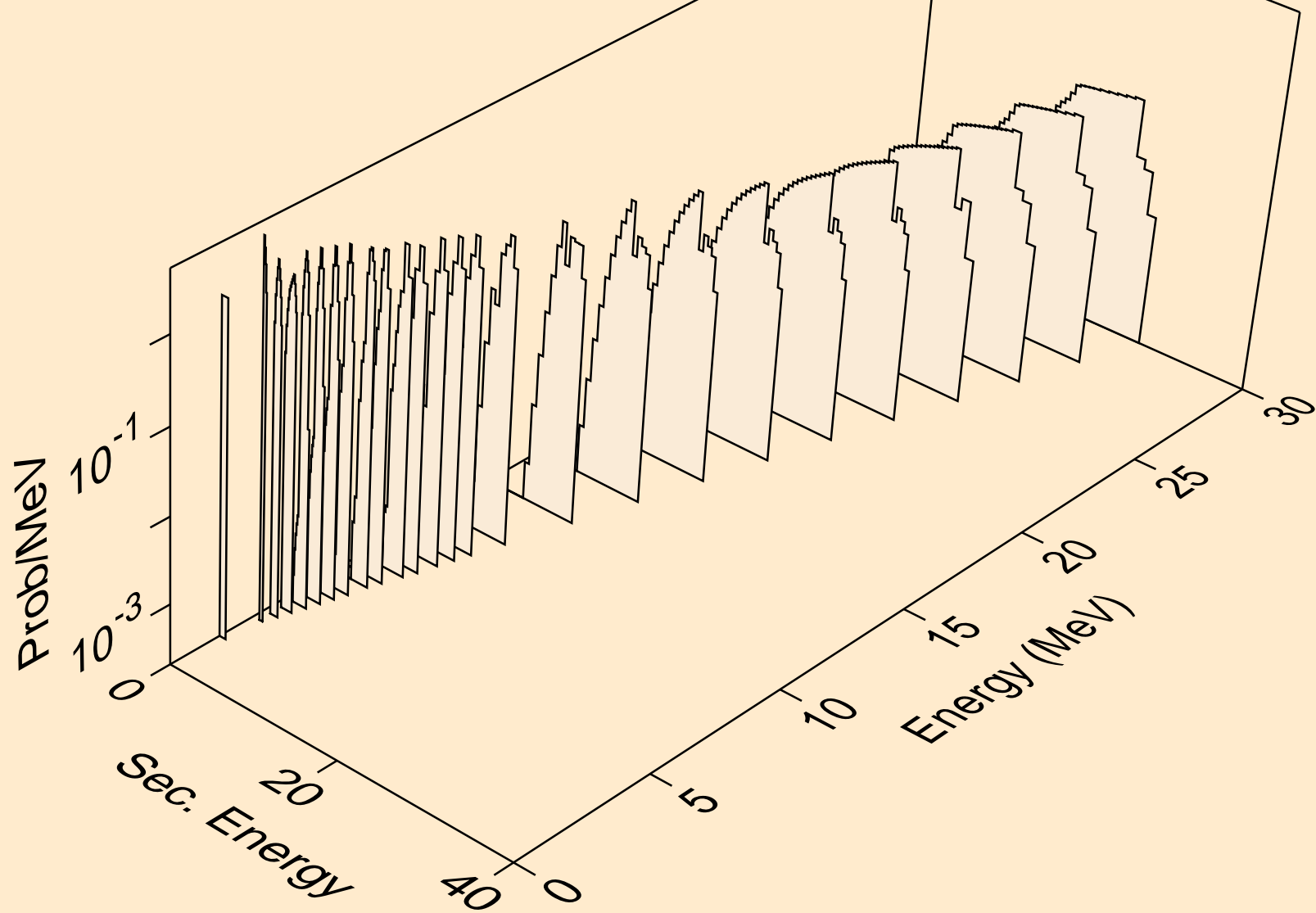
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



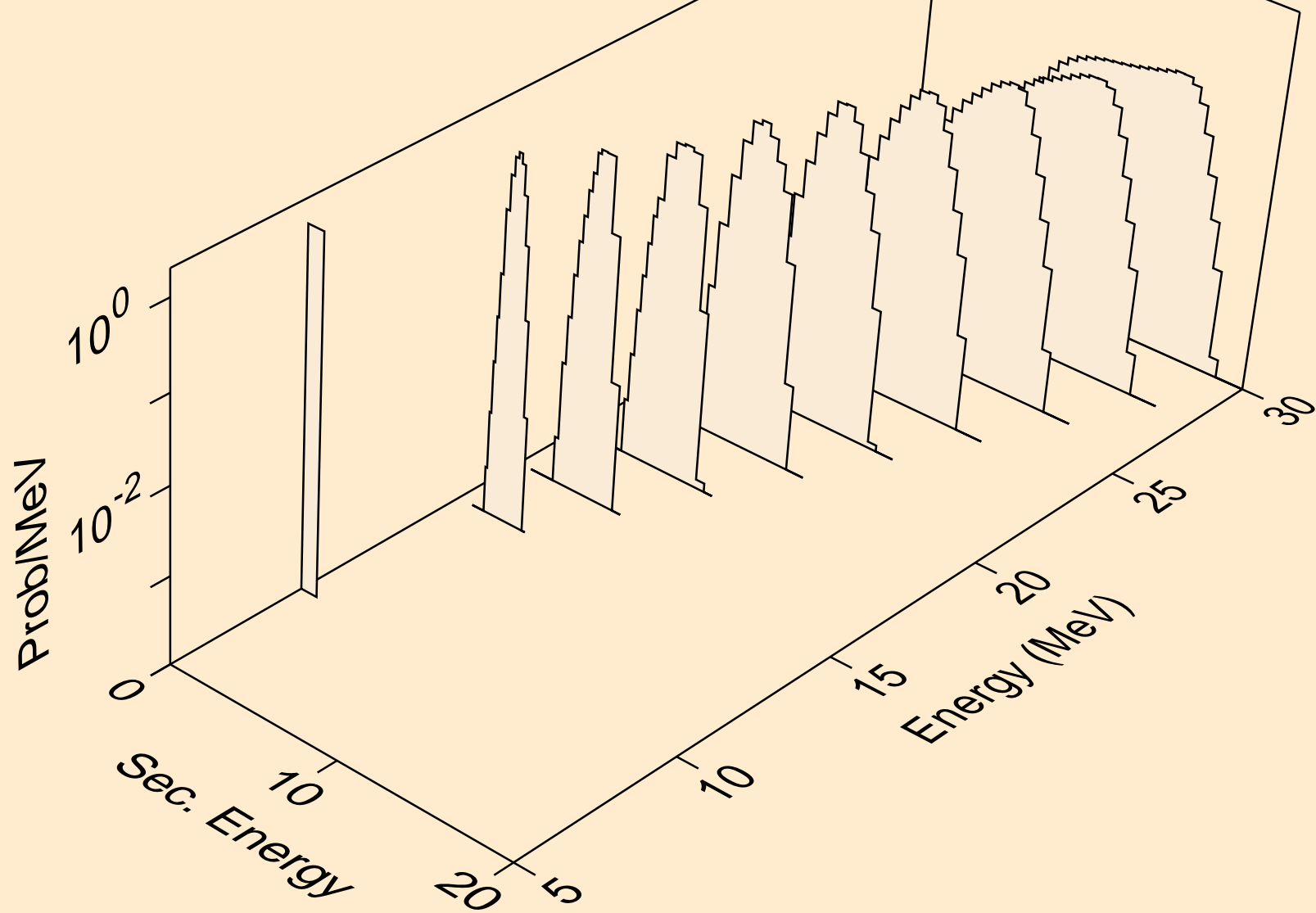
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



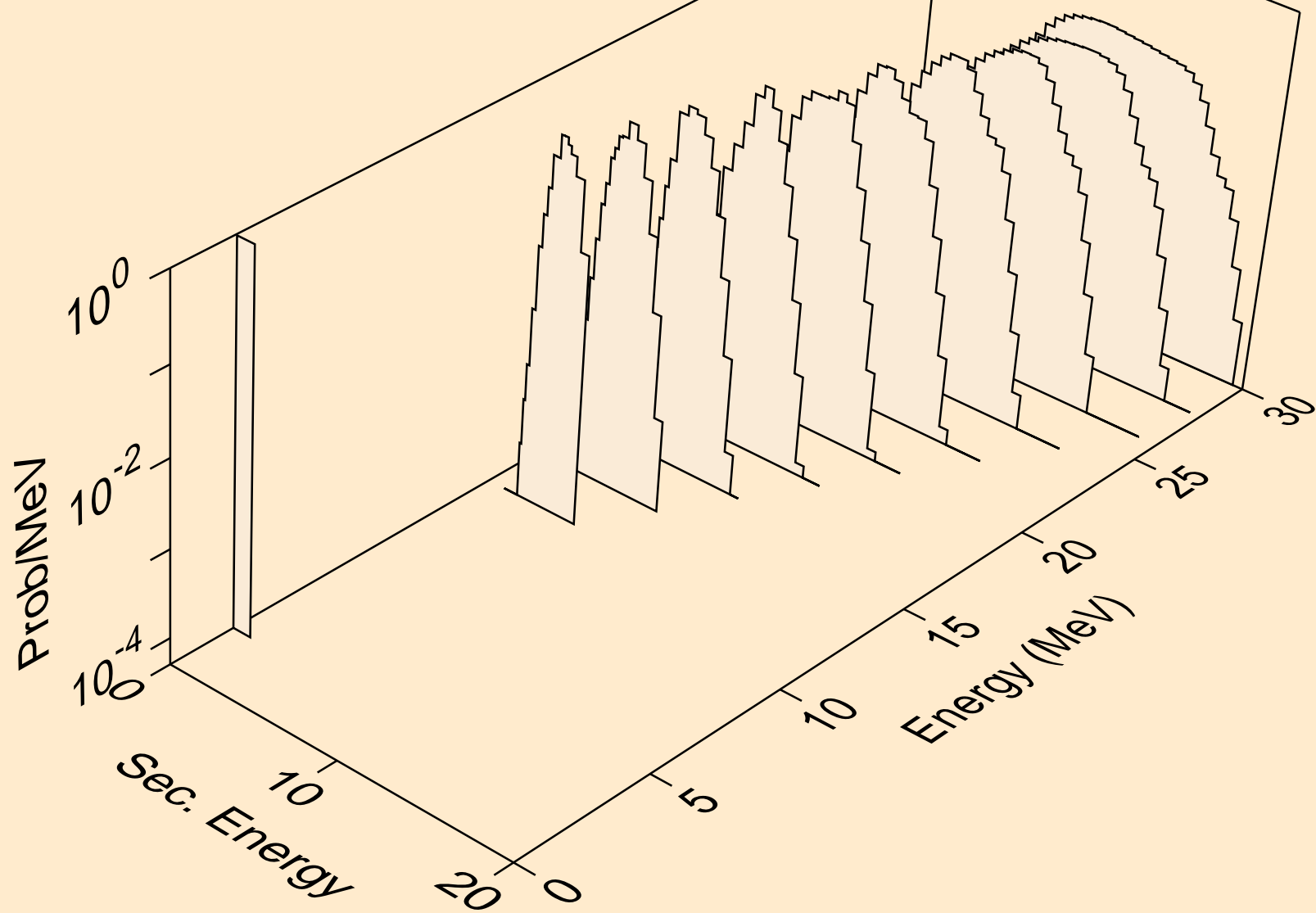
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deuterons from (n,d)



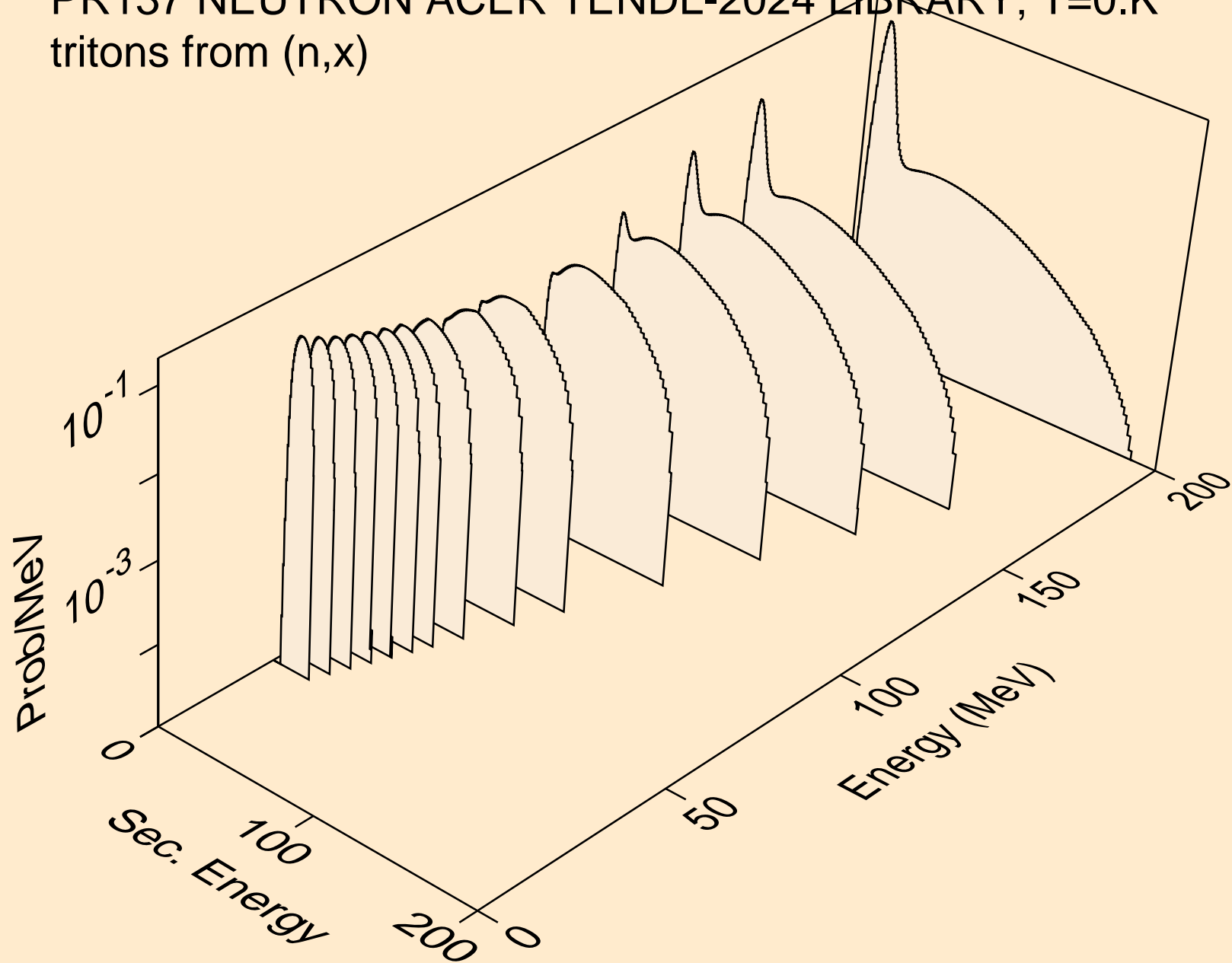
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

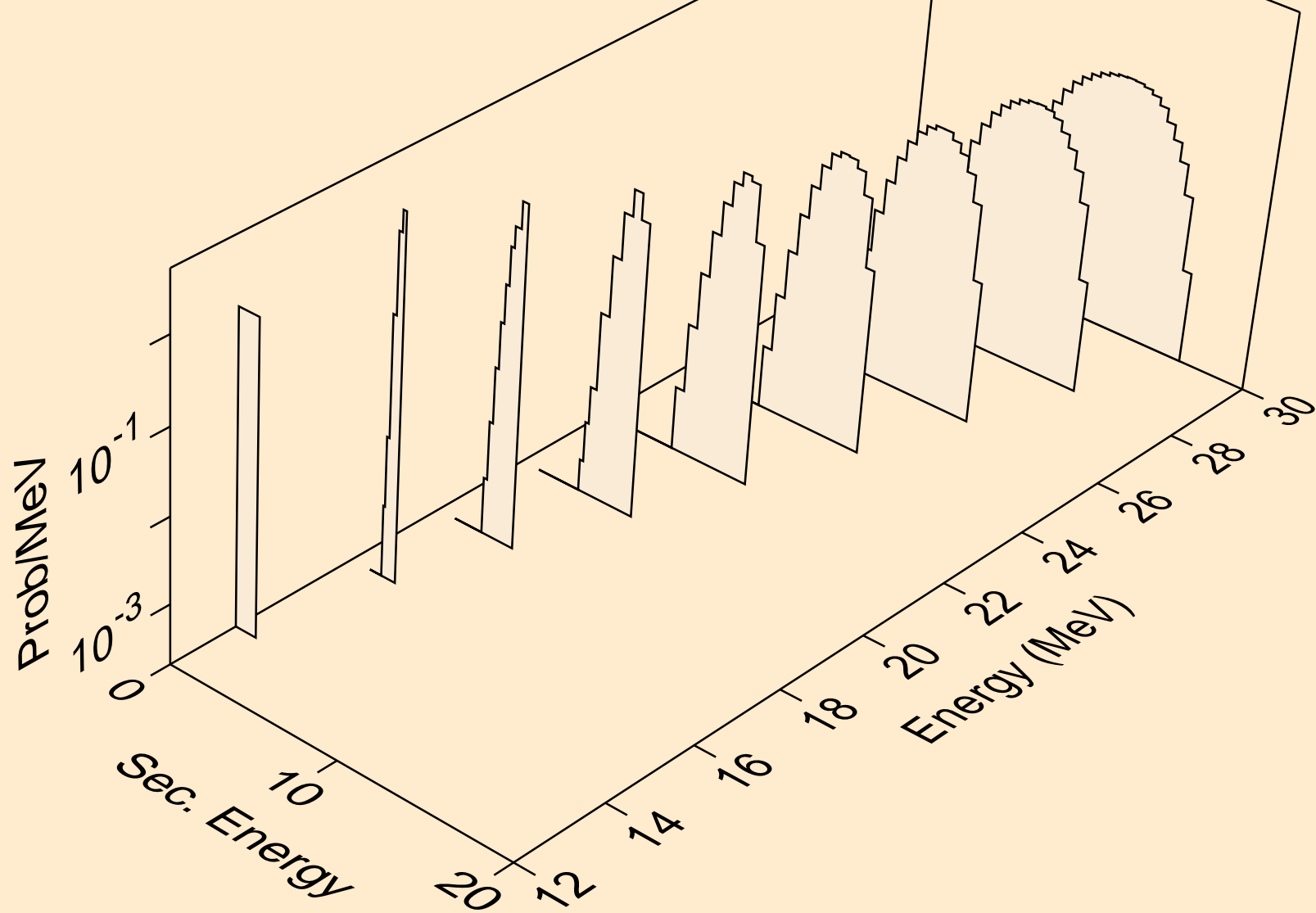


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tritons from (n,x)

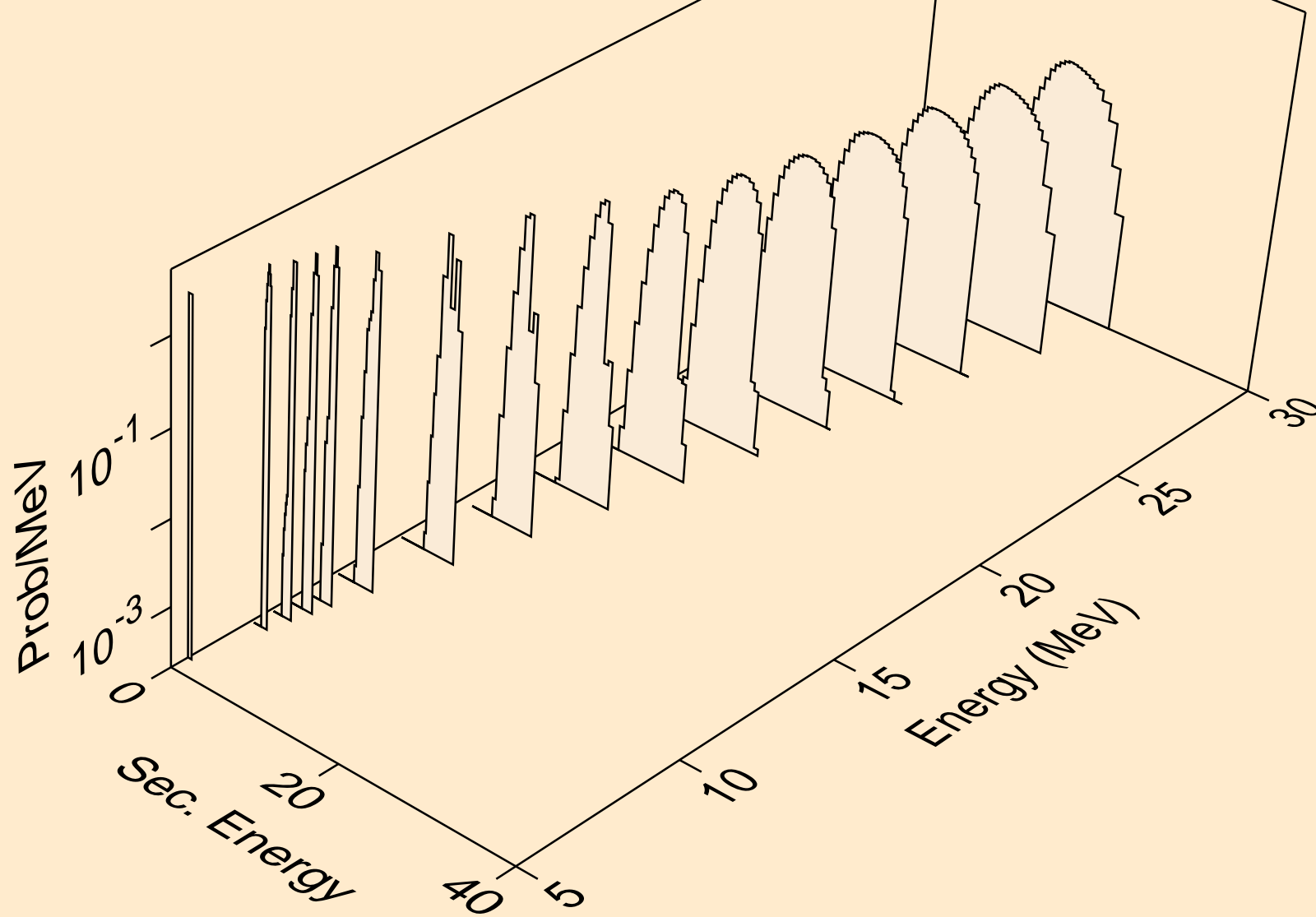




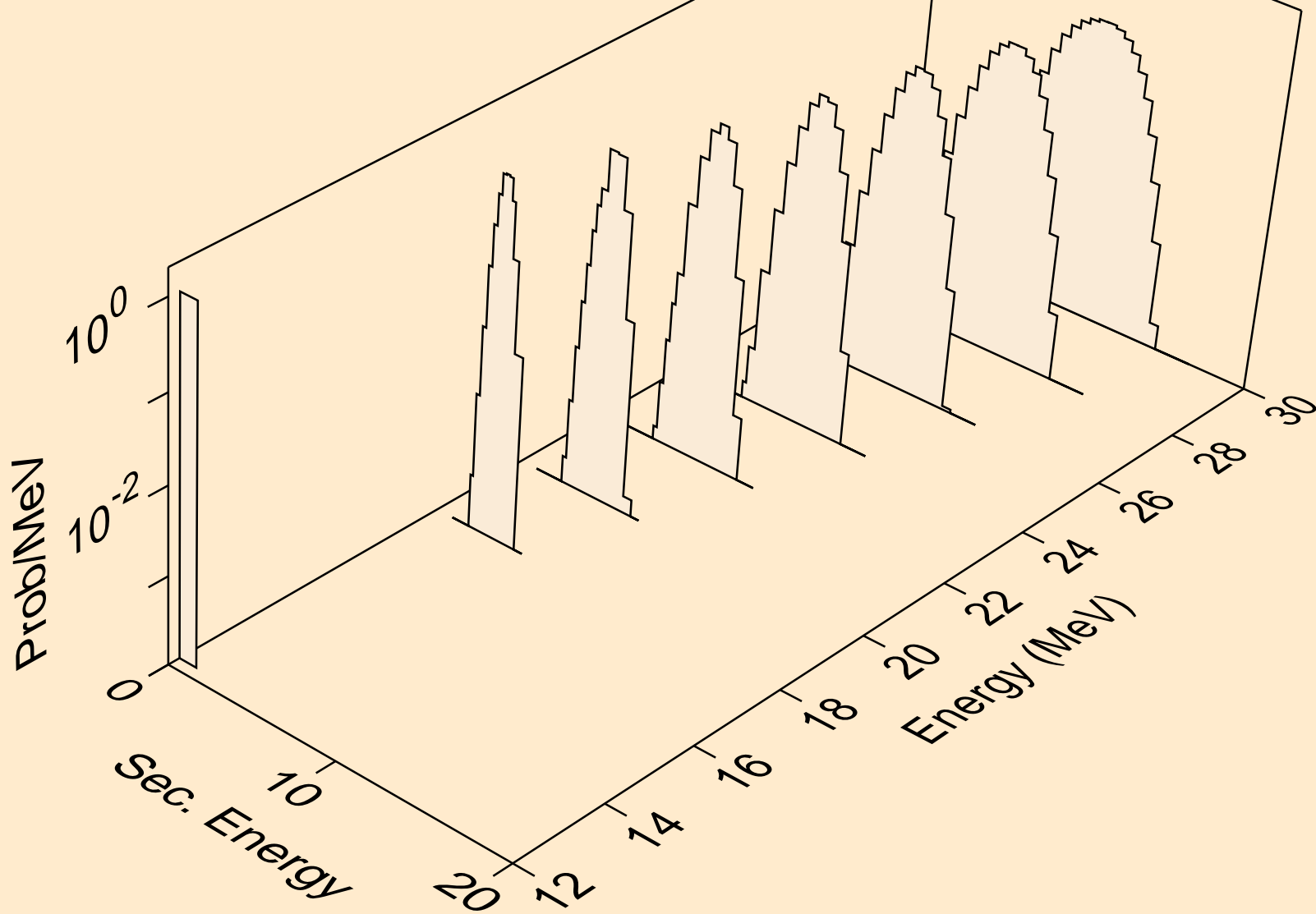
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



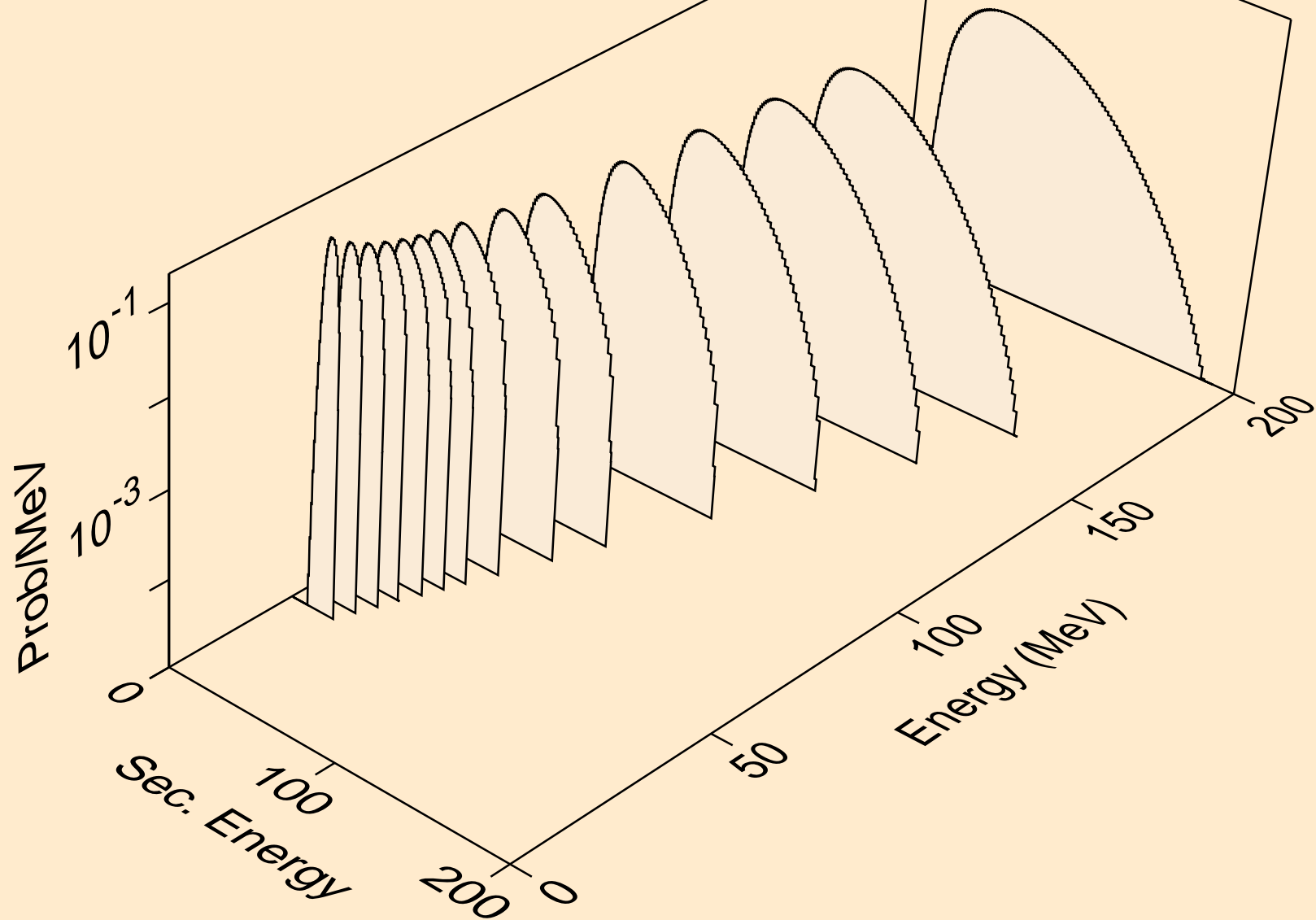
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tritons from (n,t)



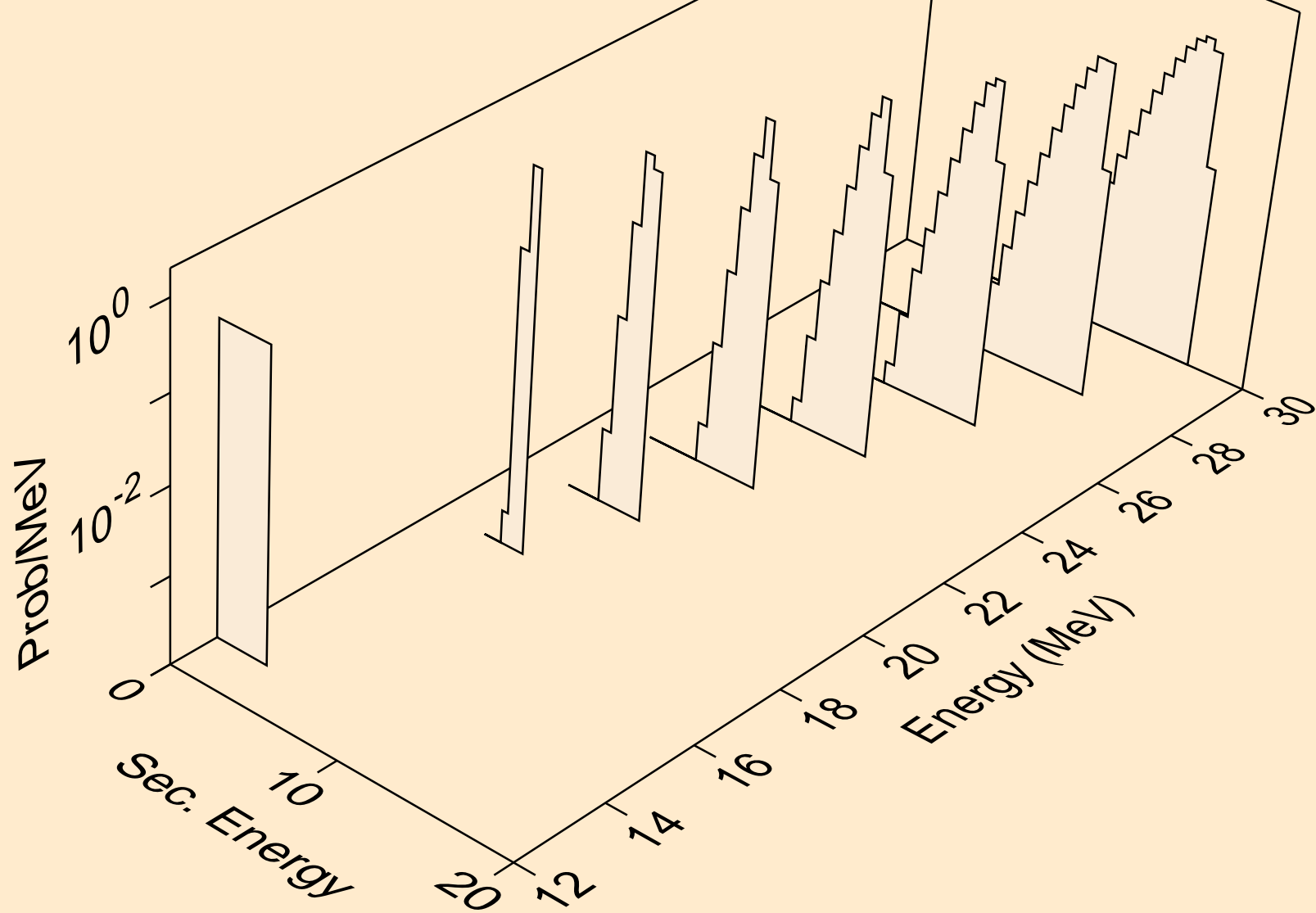
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tritons from (n,pt)



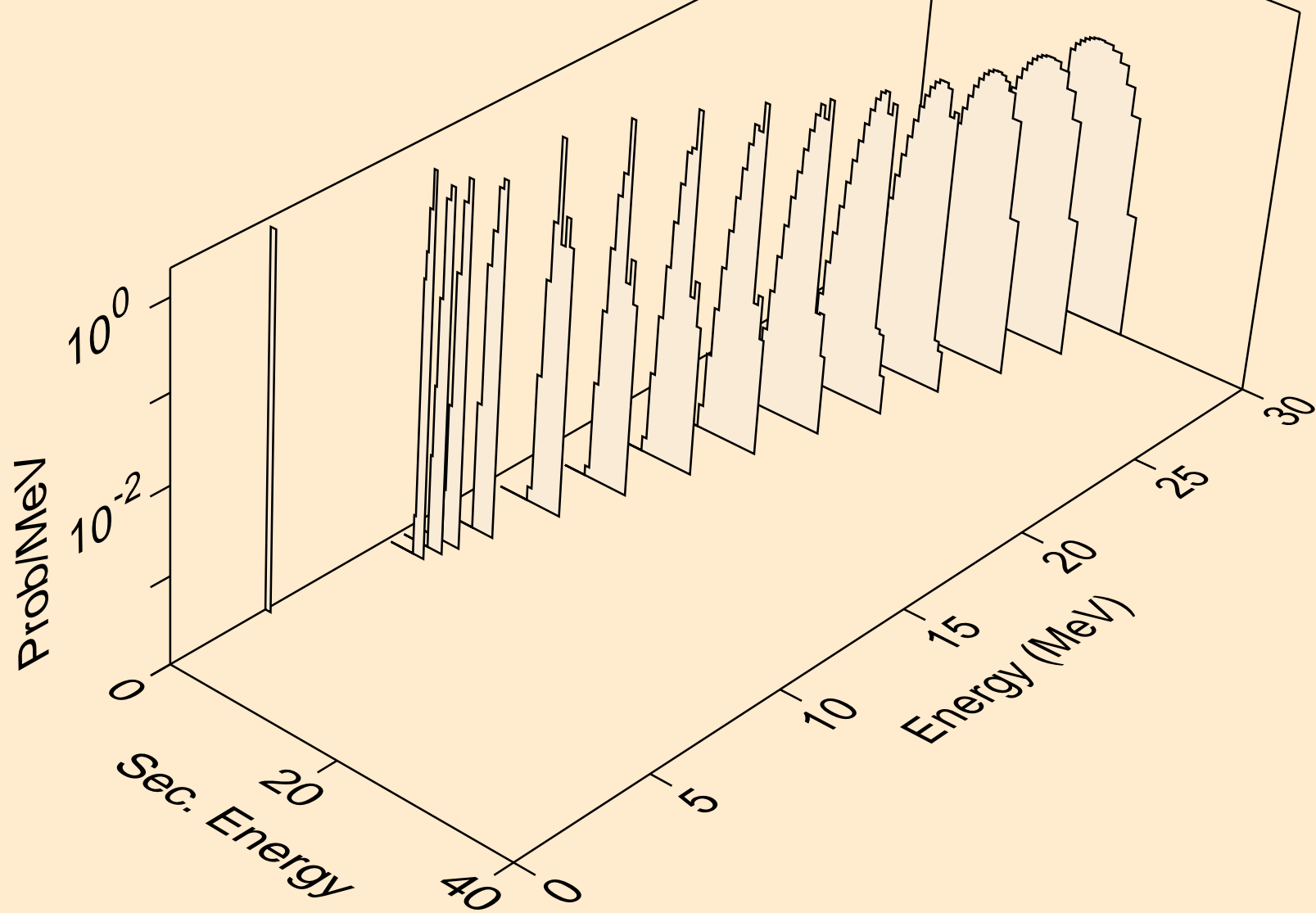
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he3s from (n,x)



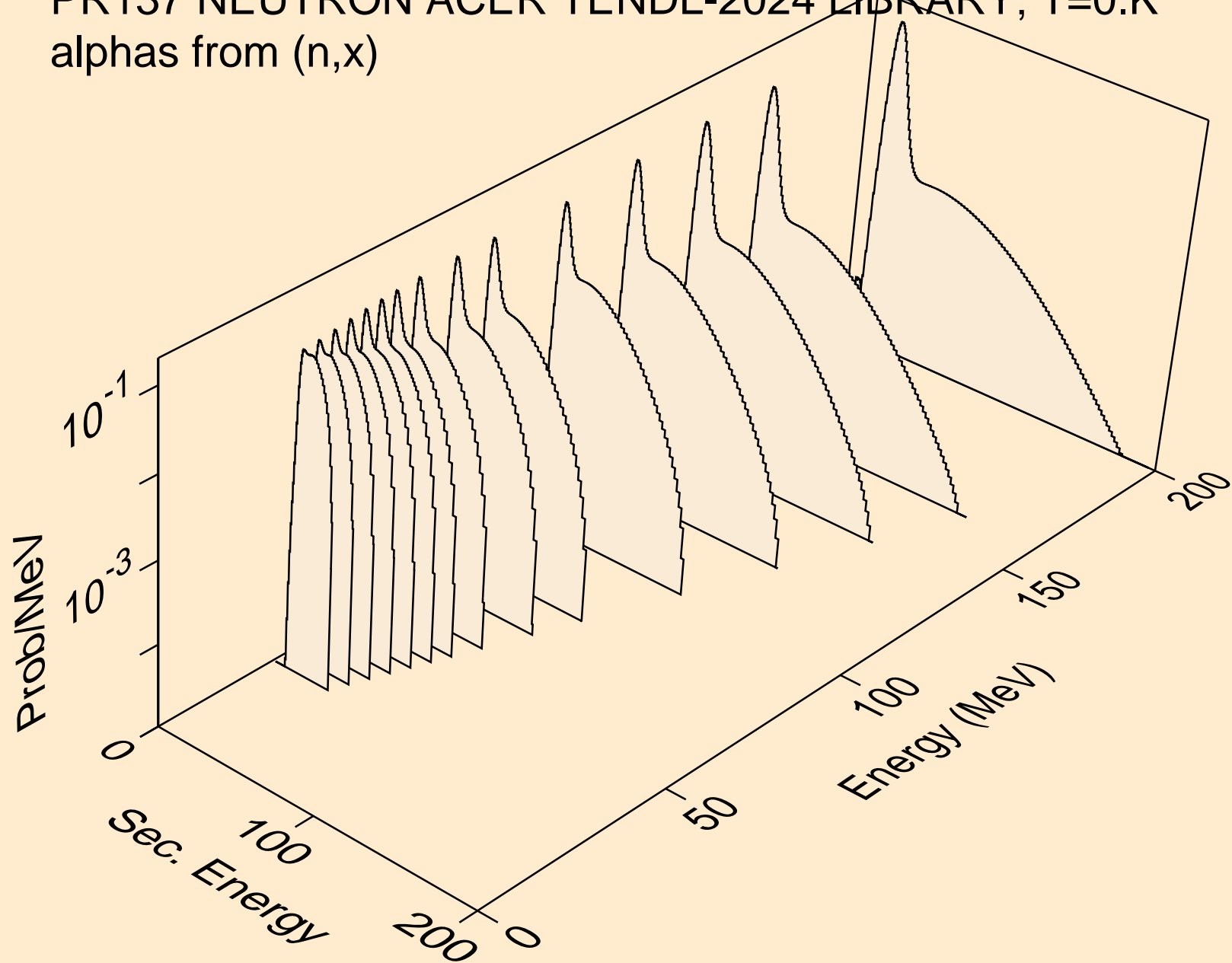
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



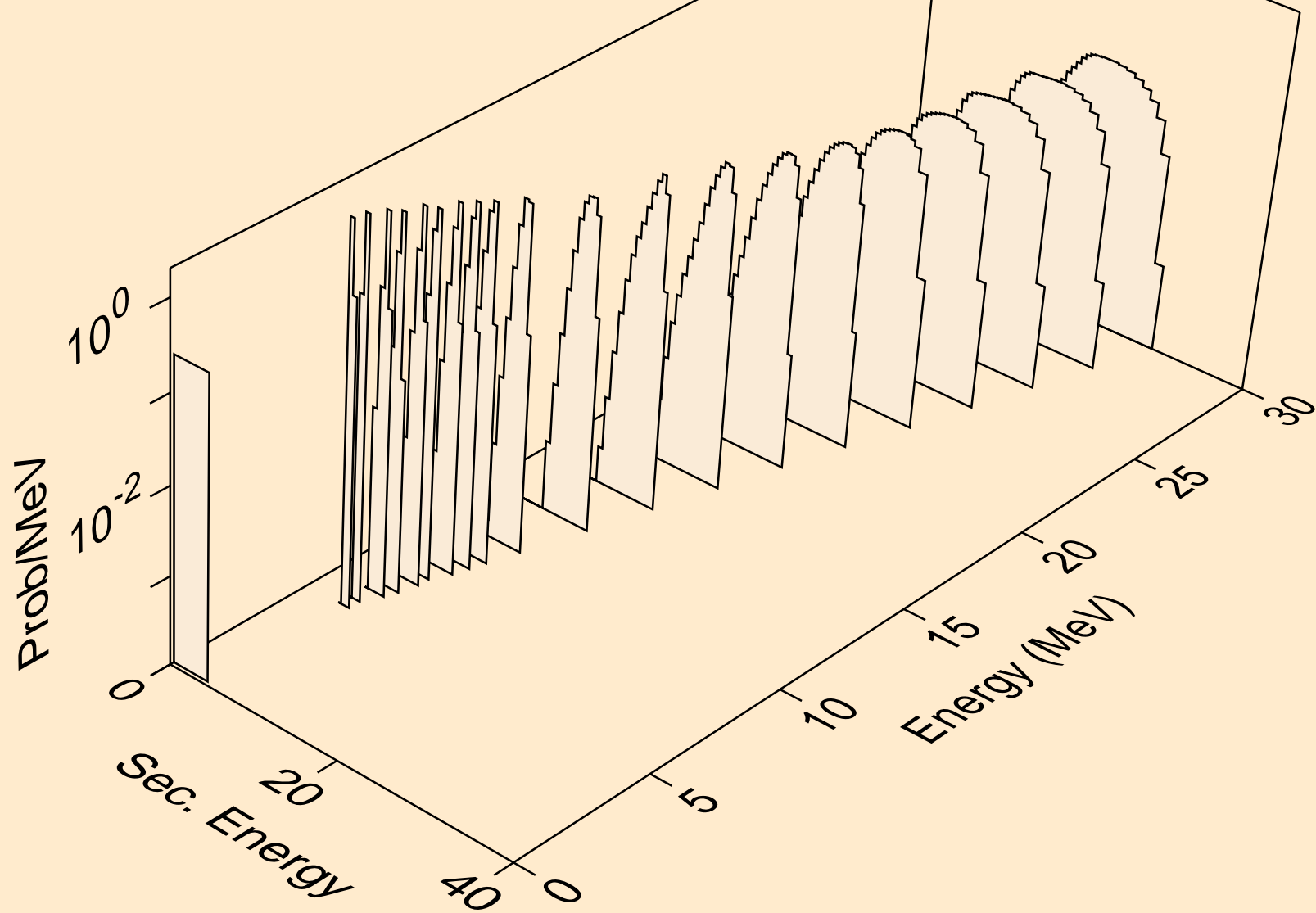
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

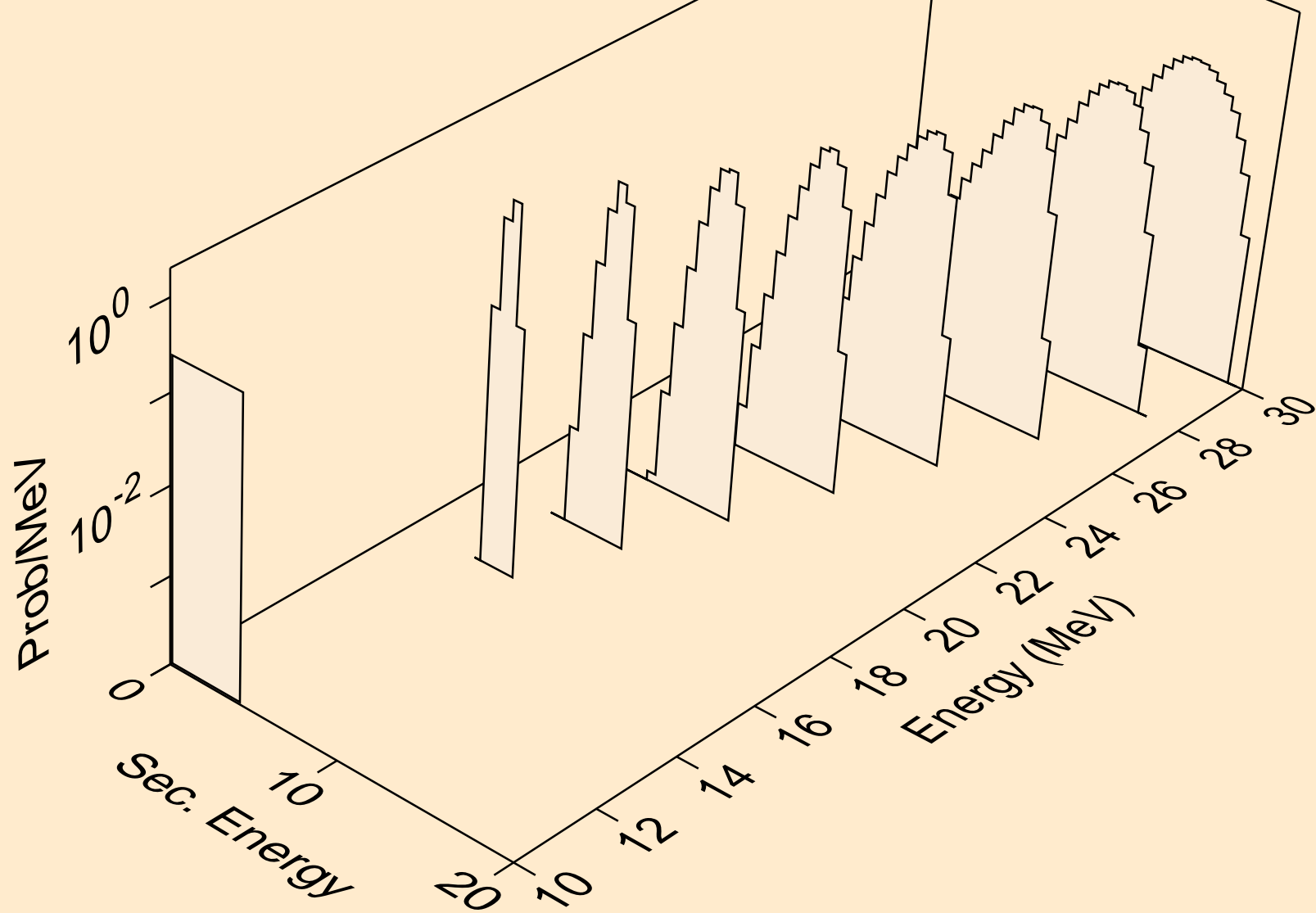


PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

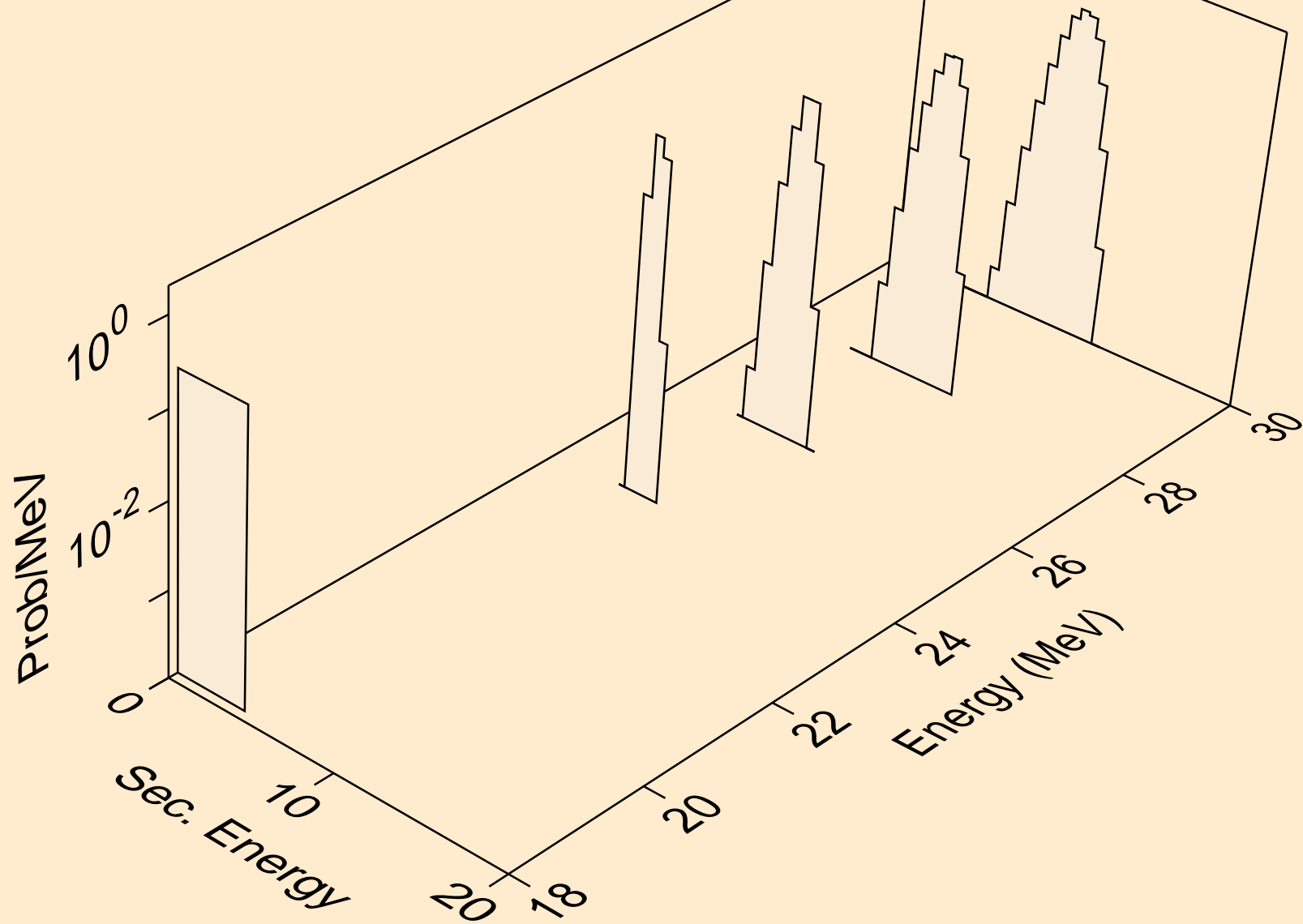




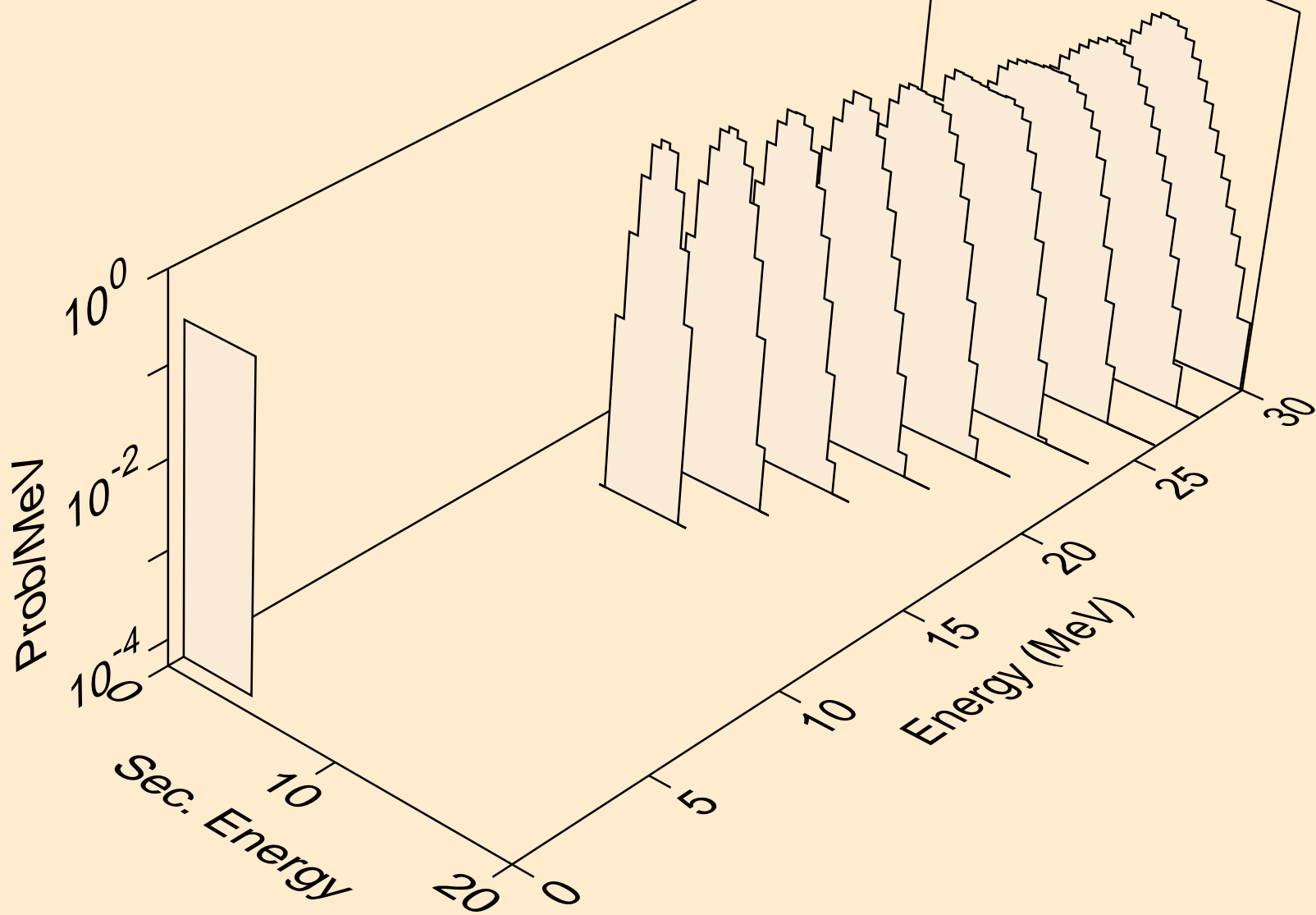
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alphas from (n,2n)a



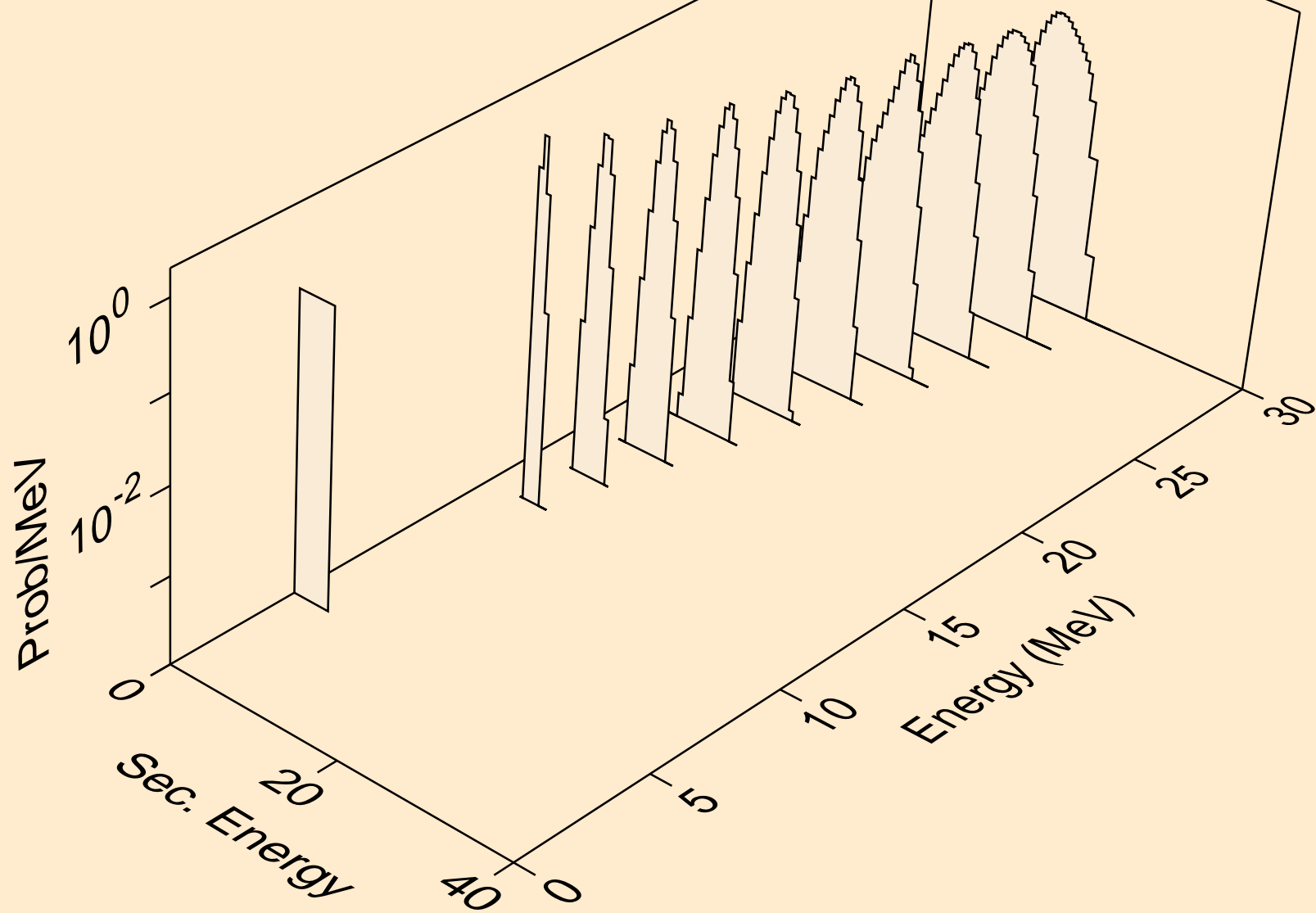
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alphas from (n,3n)a



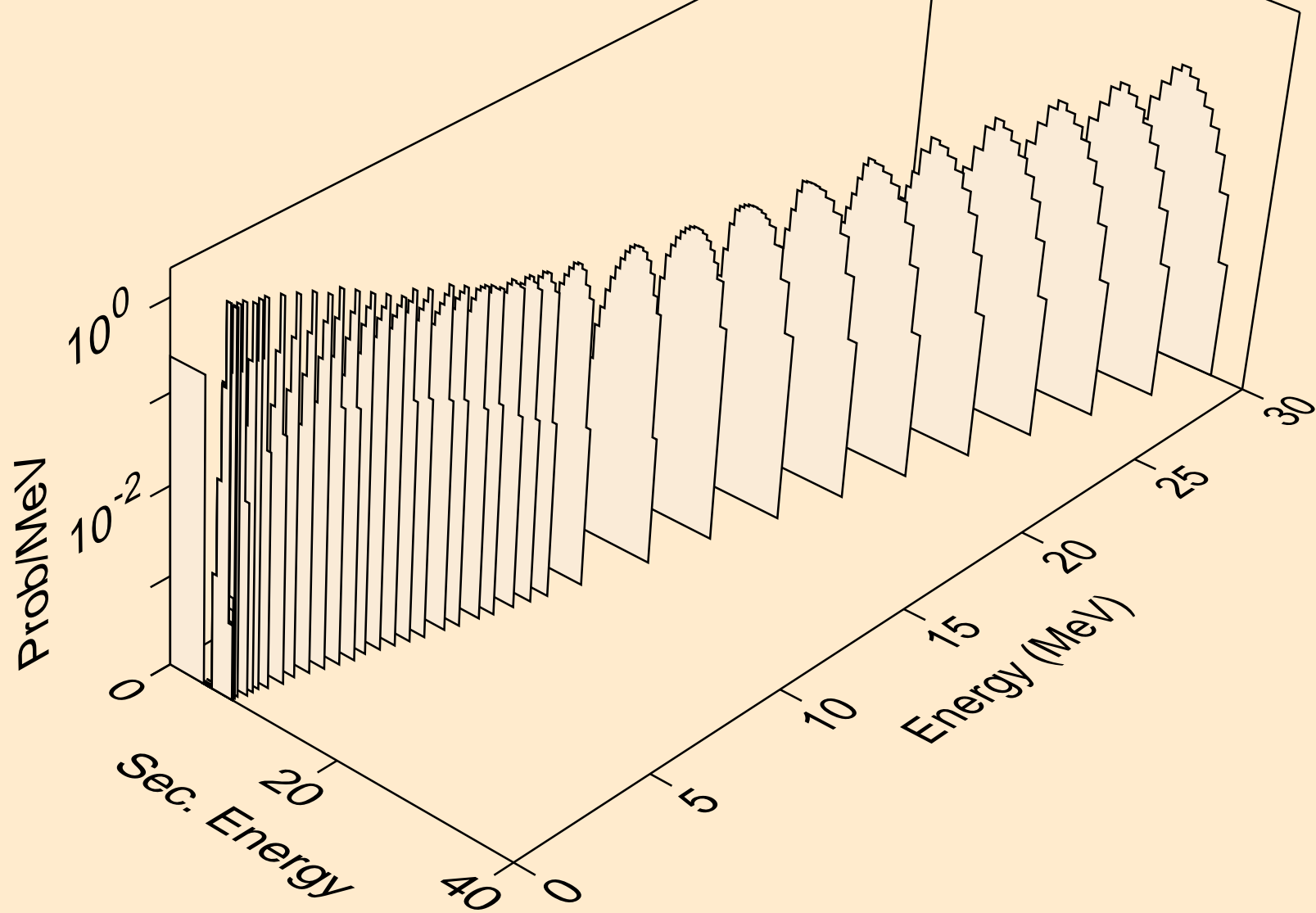
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alphas from (n,n\*)2a



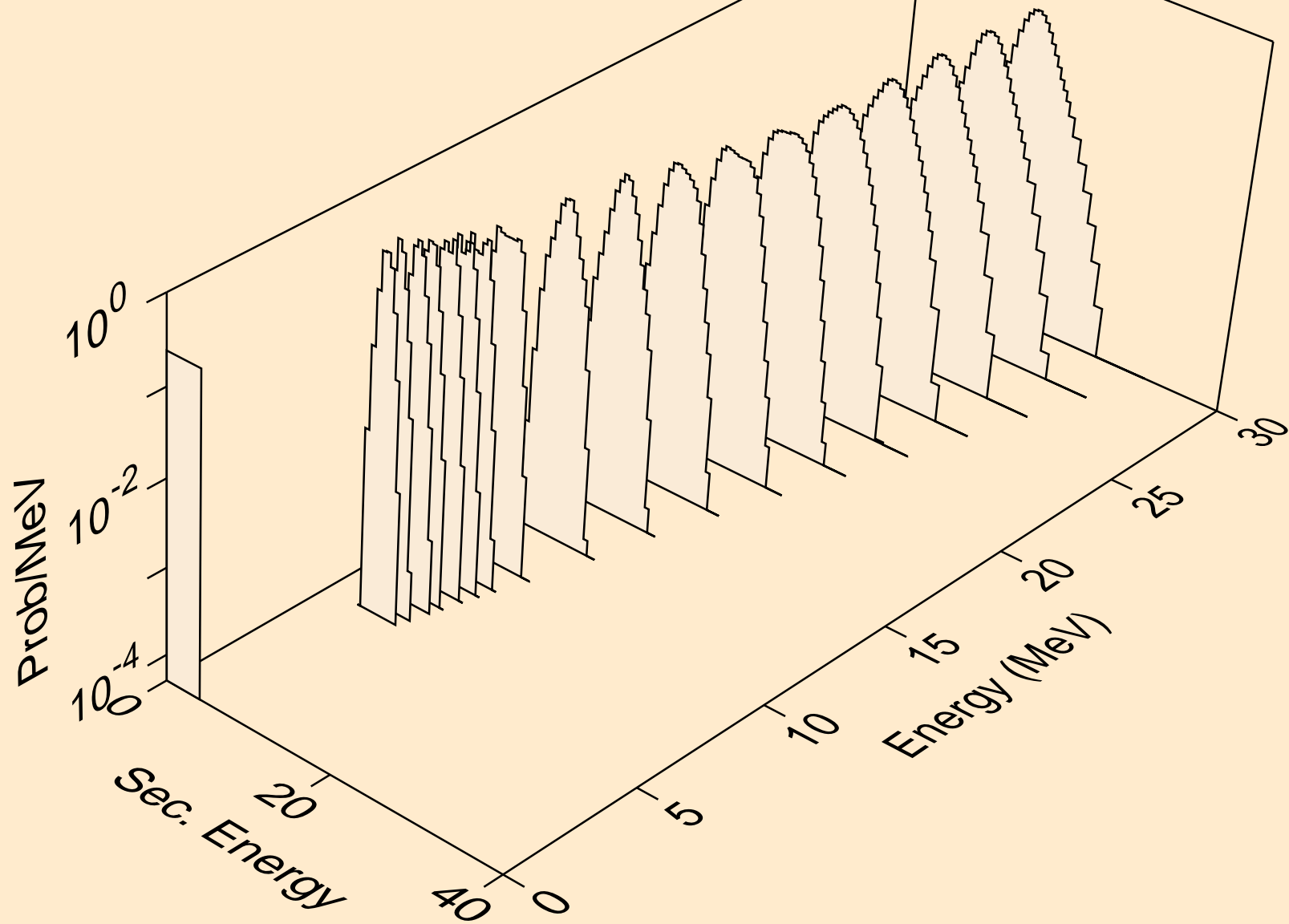
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alphas from (n,npa)



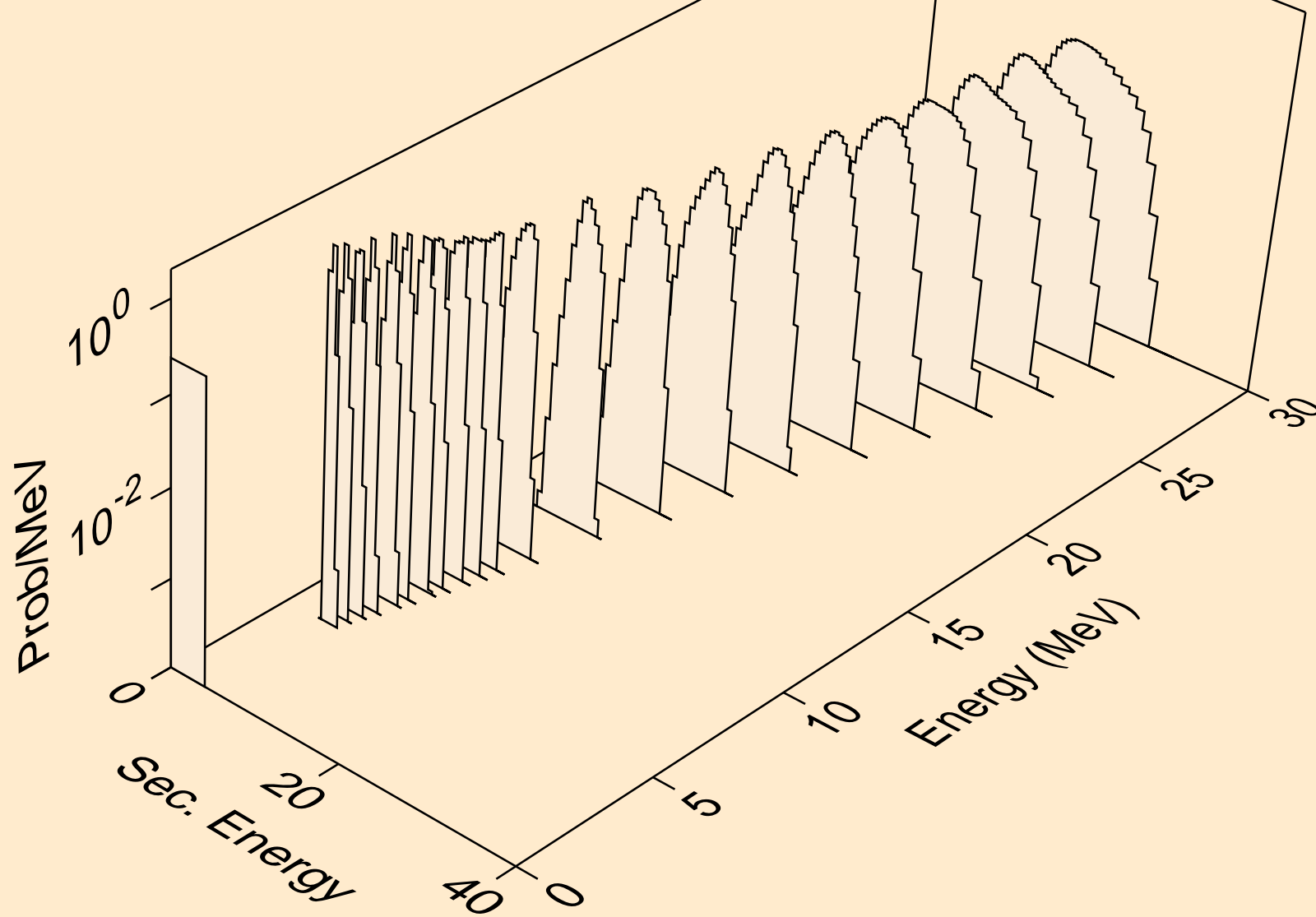
PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



PR137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

