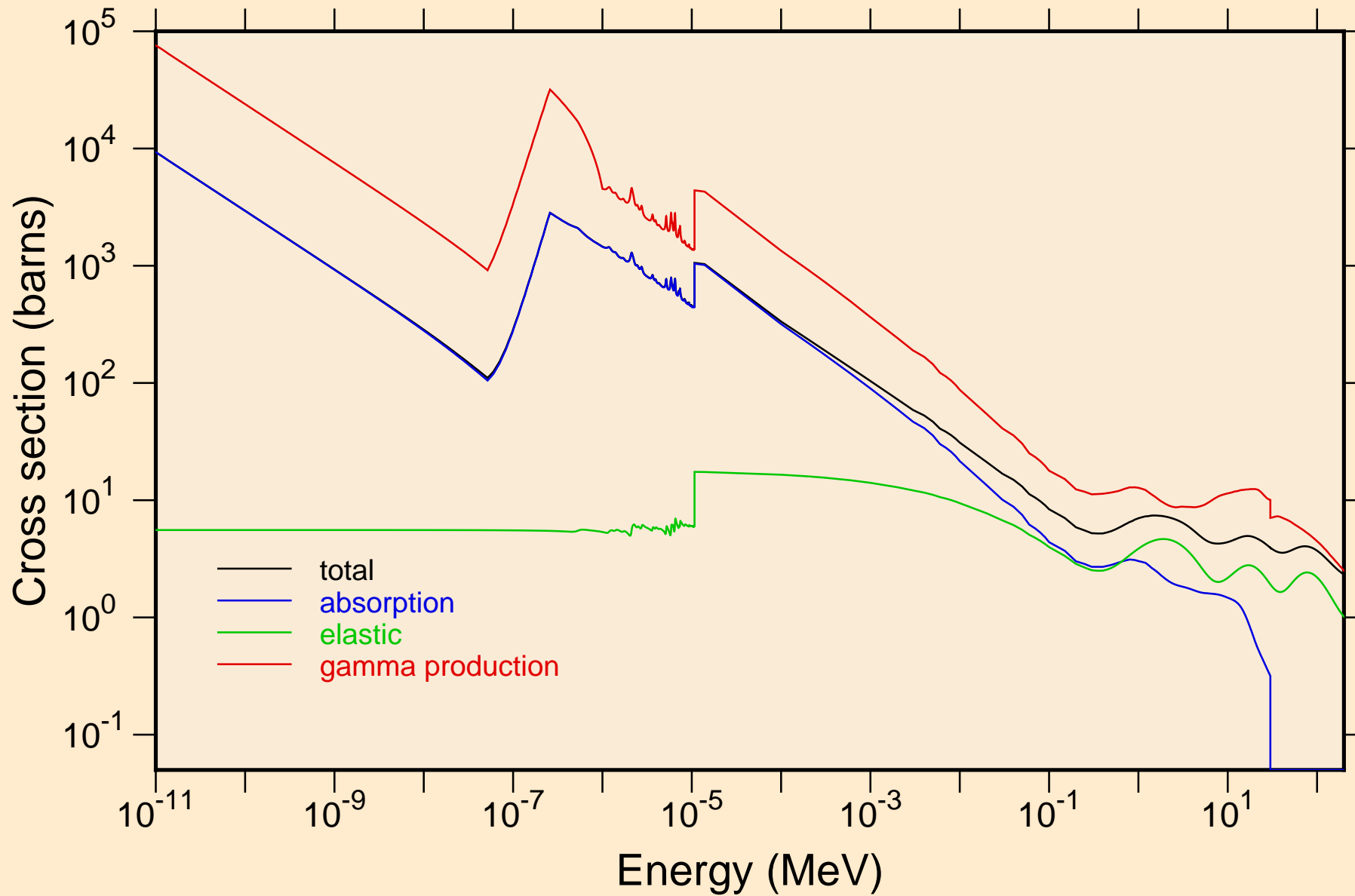
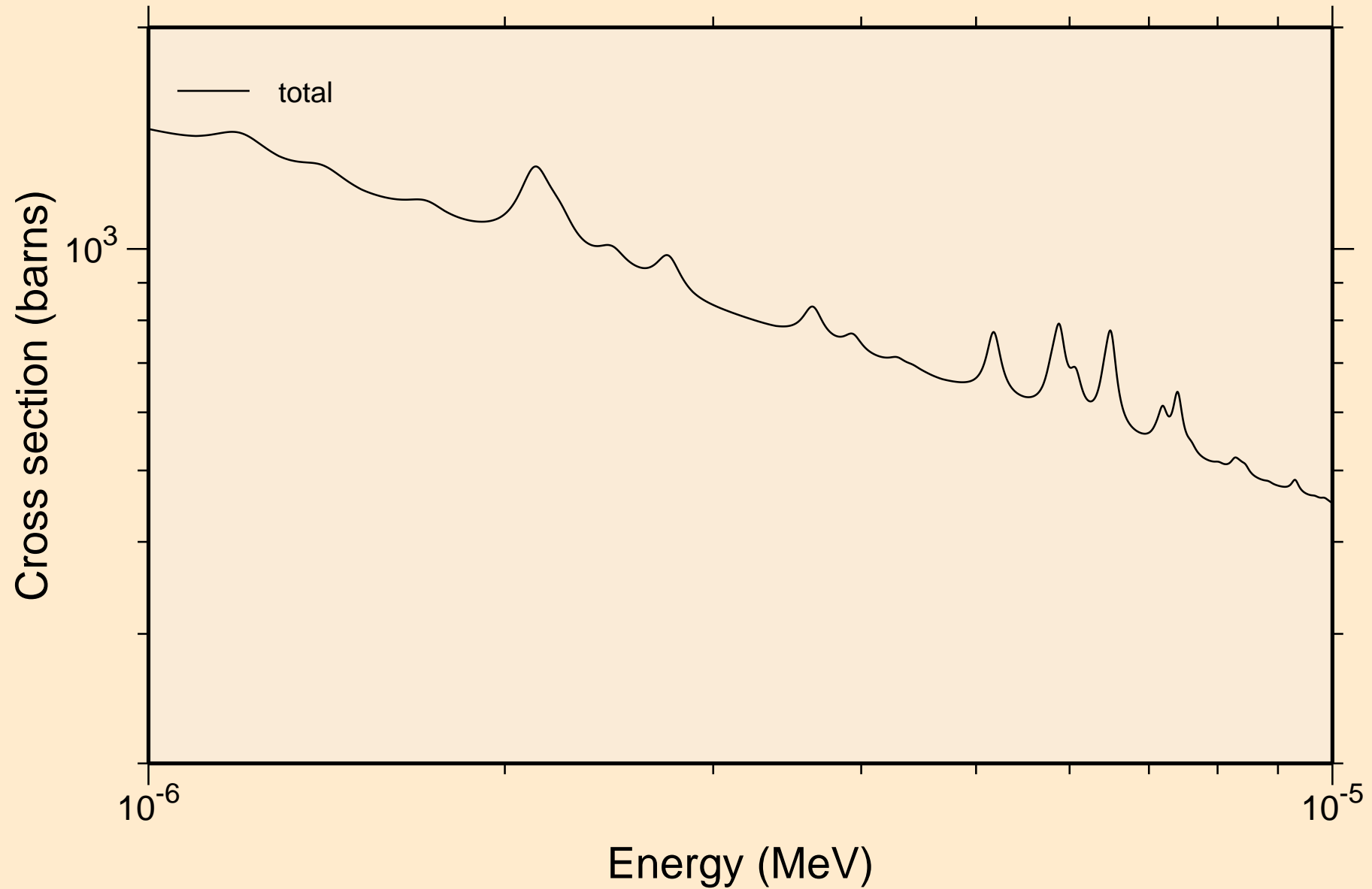


# TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

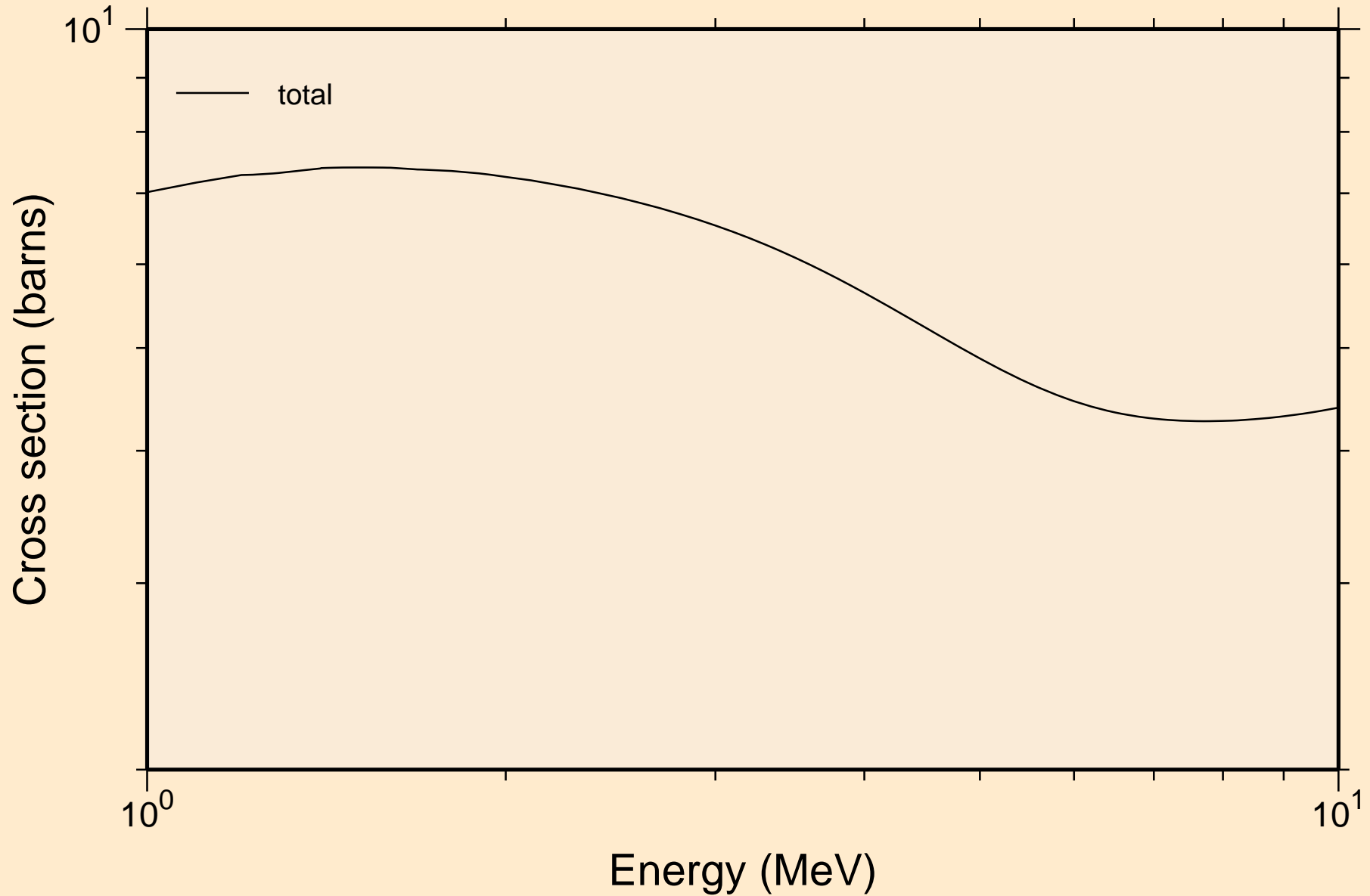
## Principal cross sections



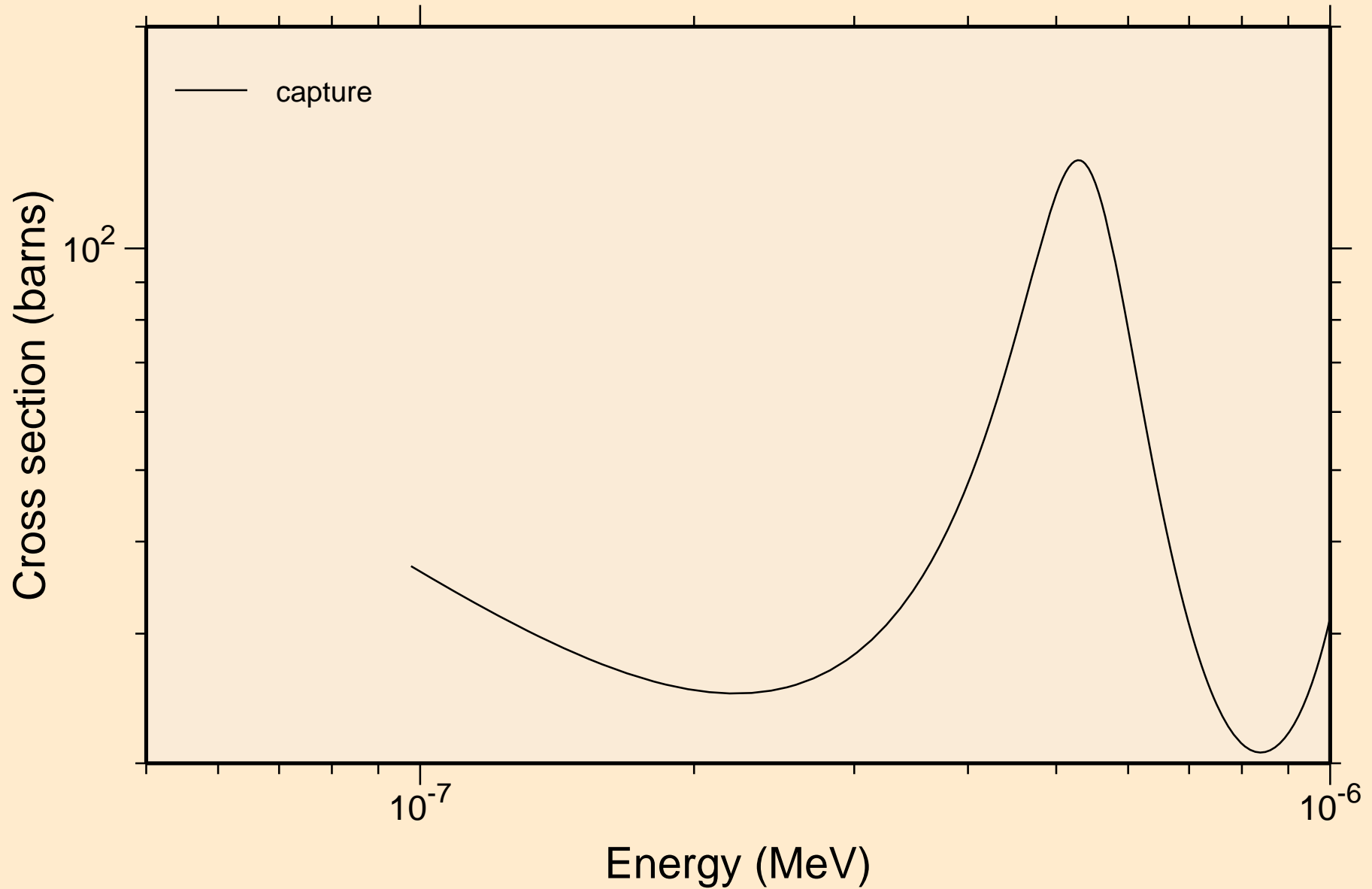
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



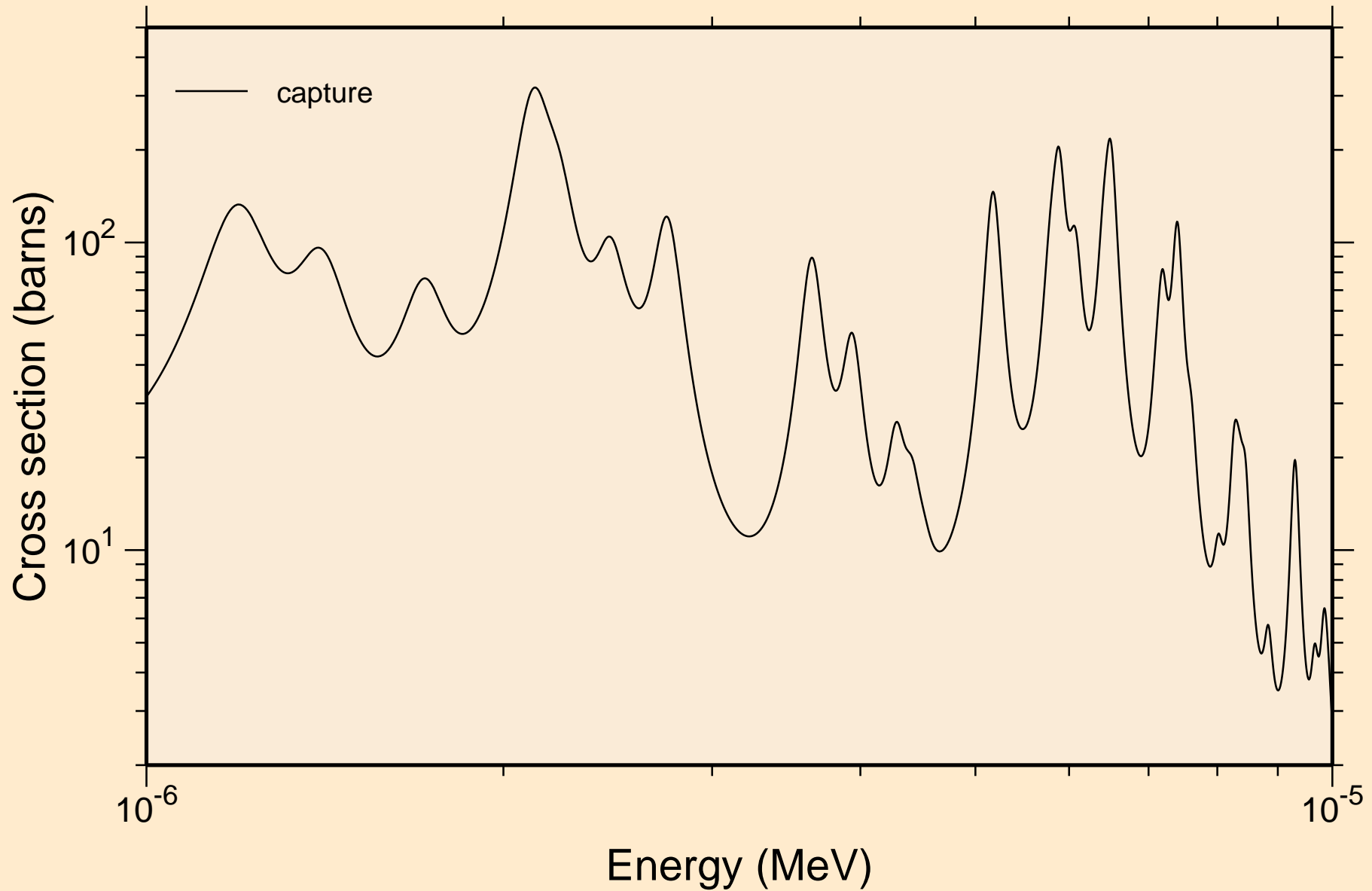
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



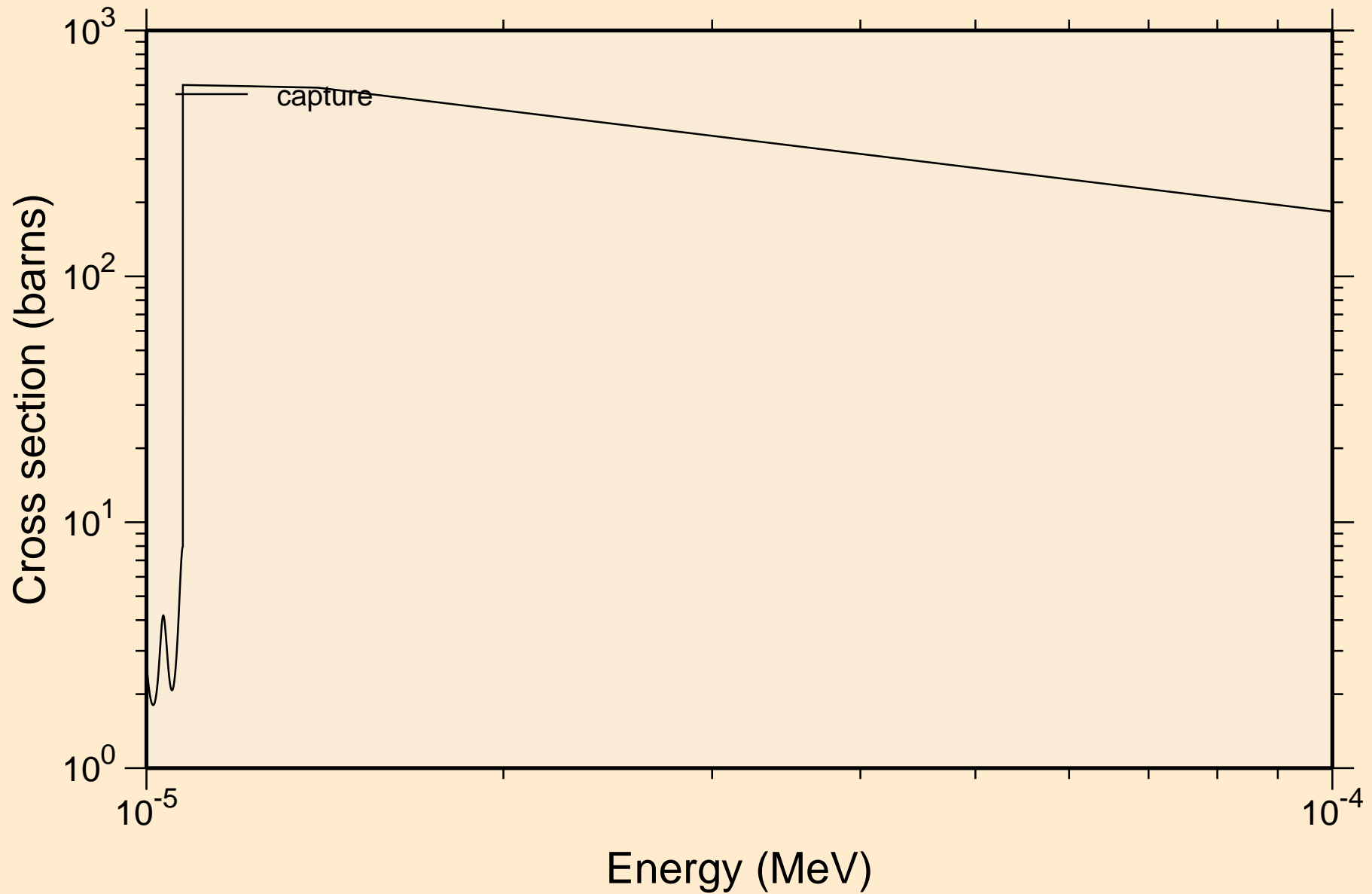
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



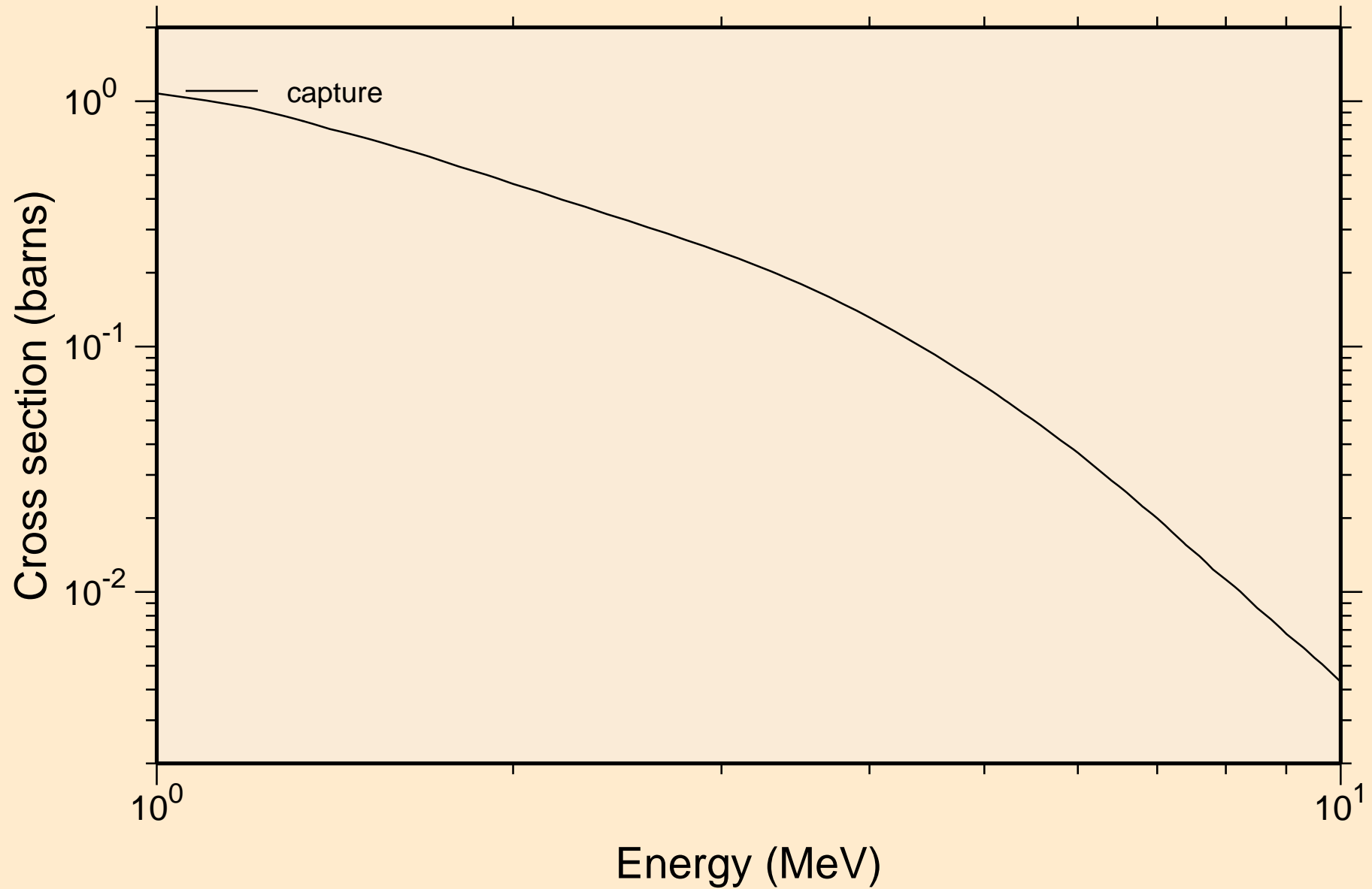
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



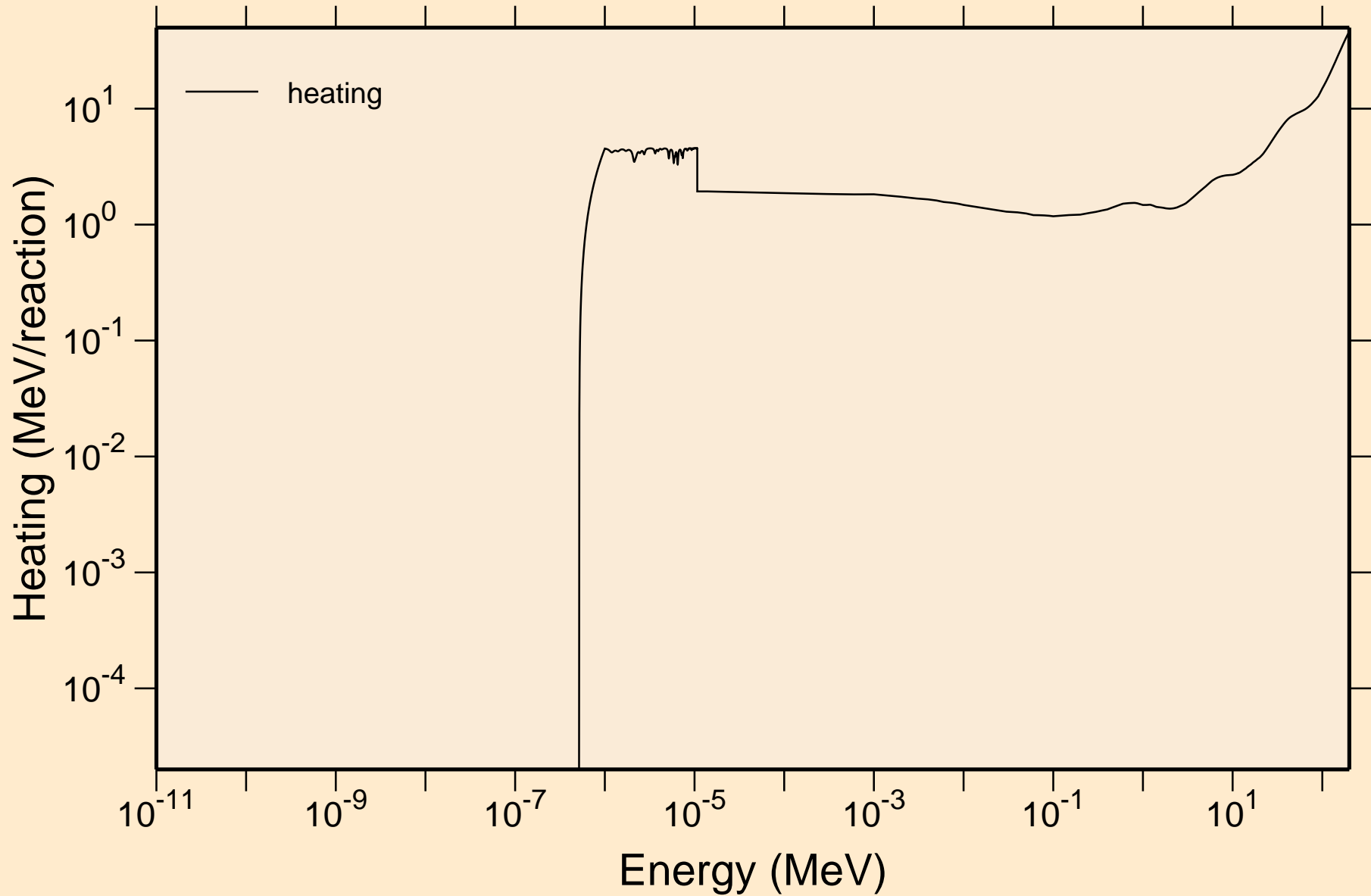
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



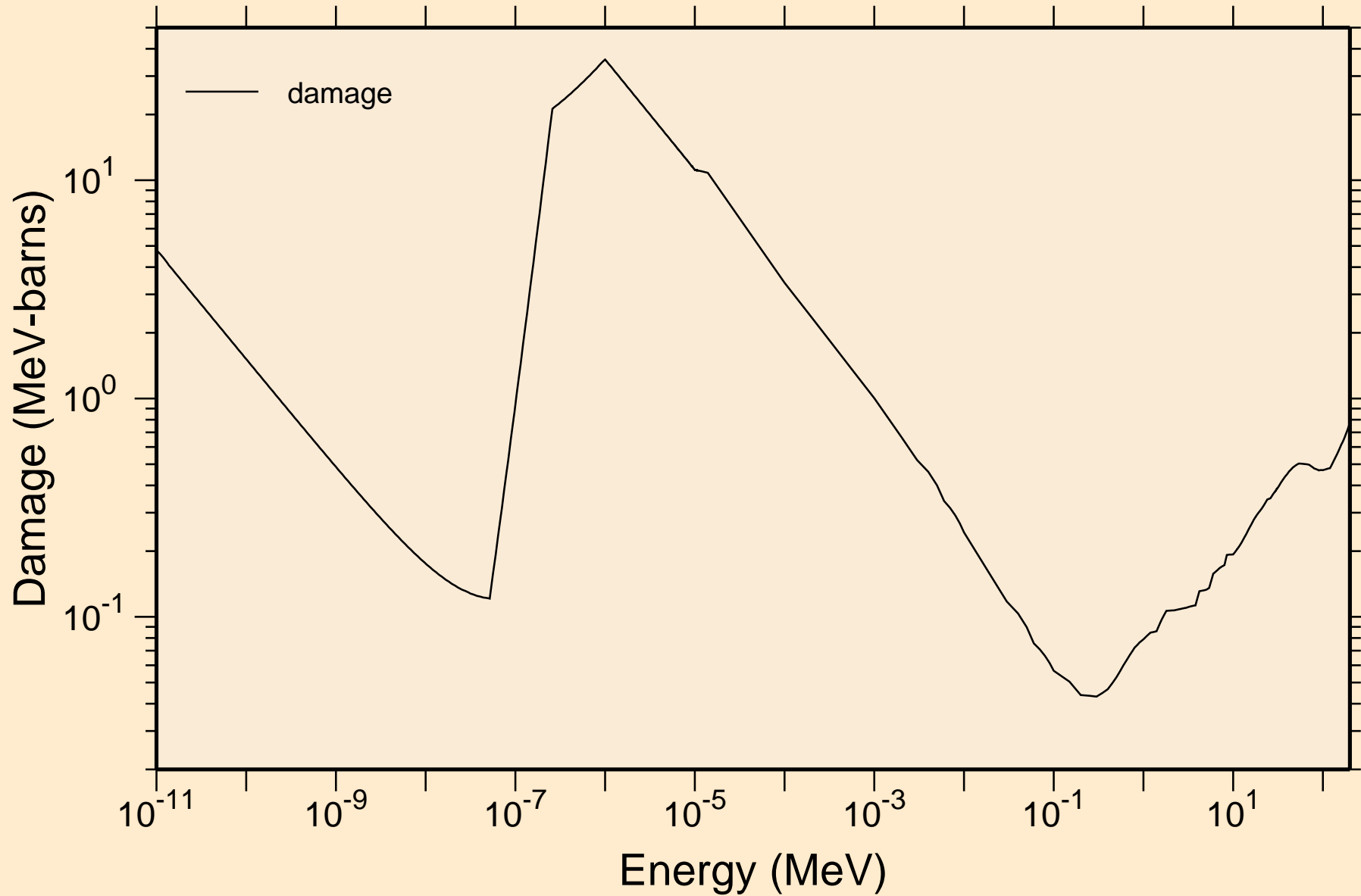
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



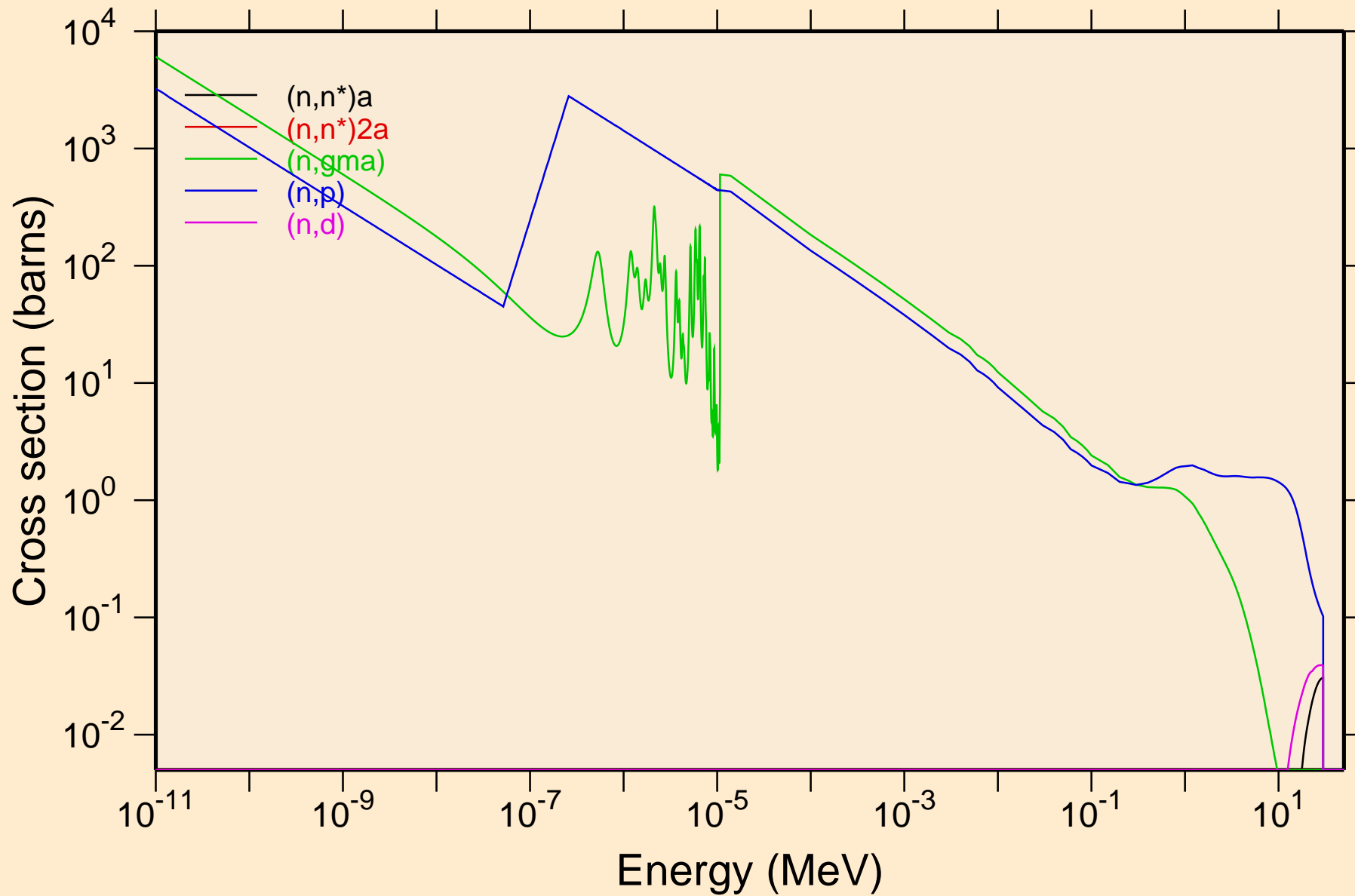


# TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

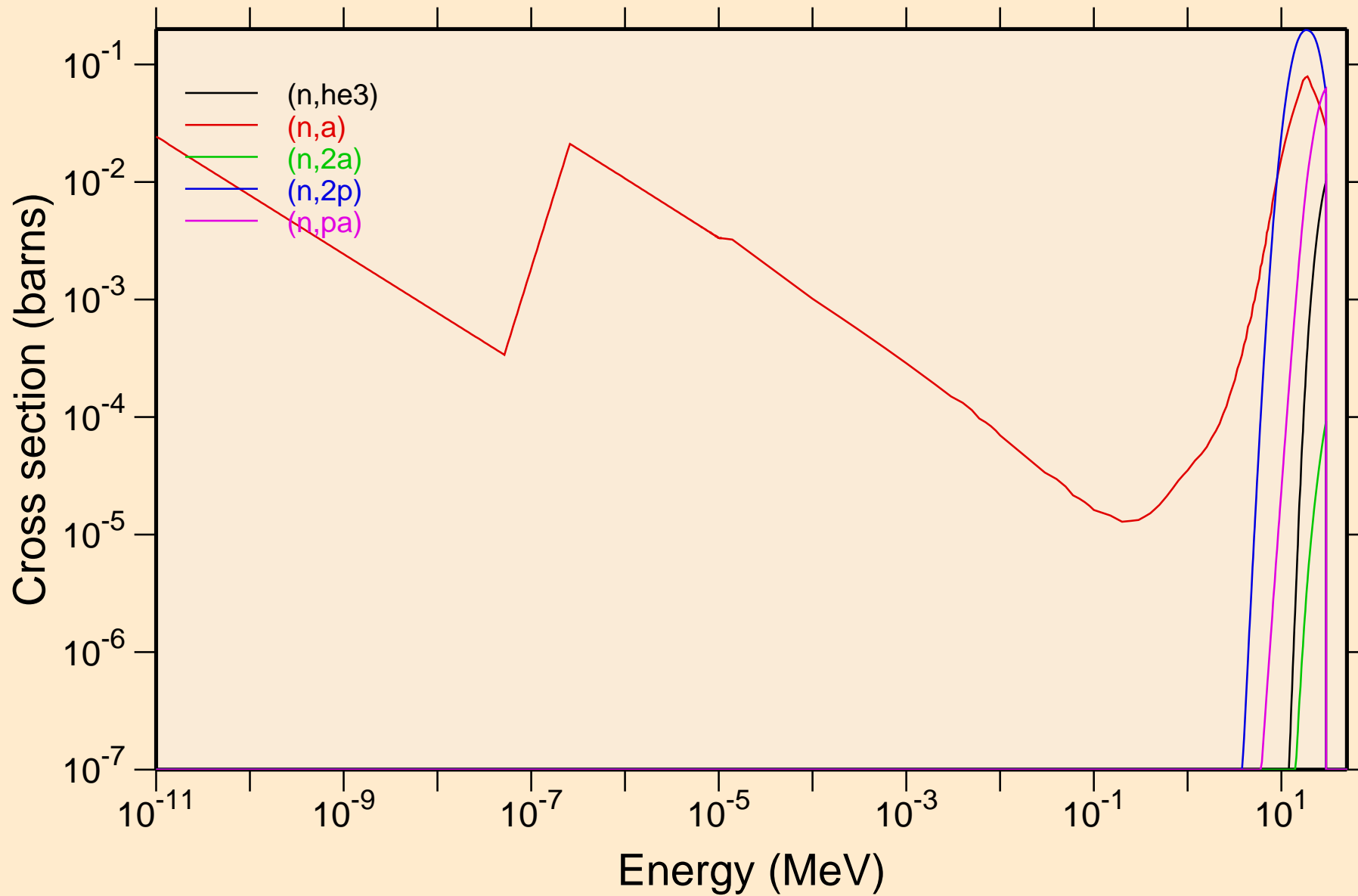
## Damage



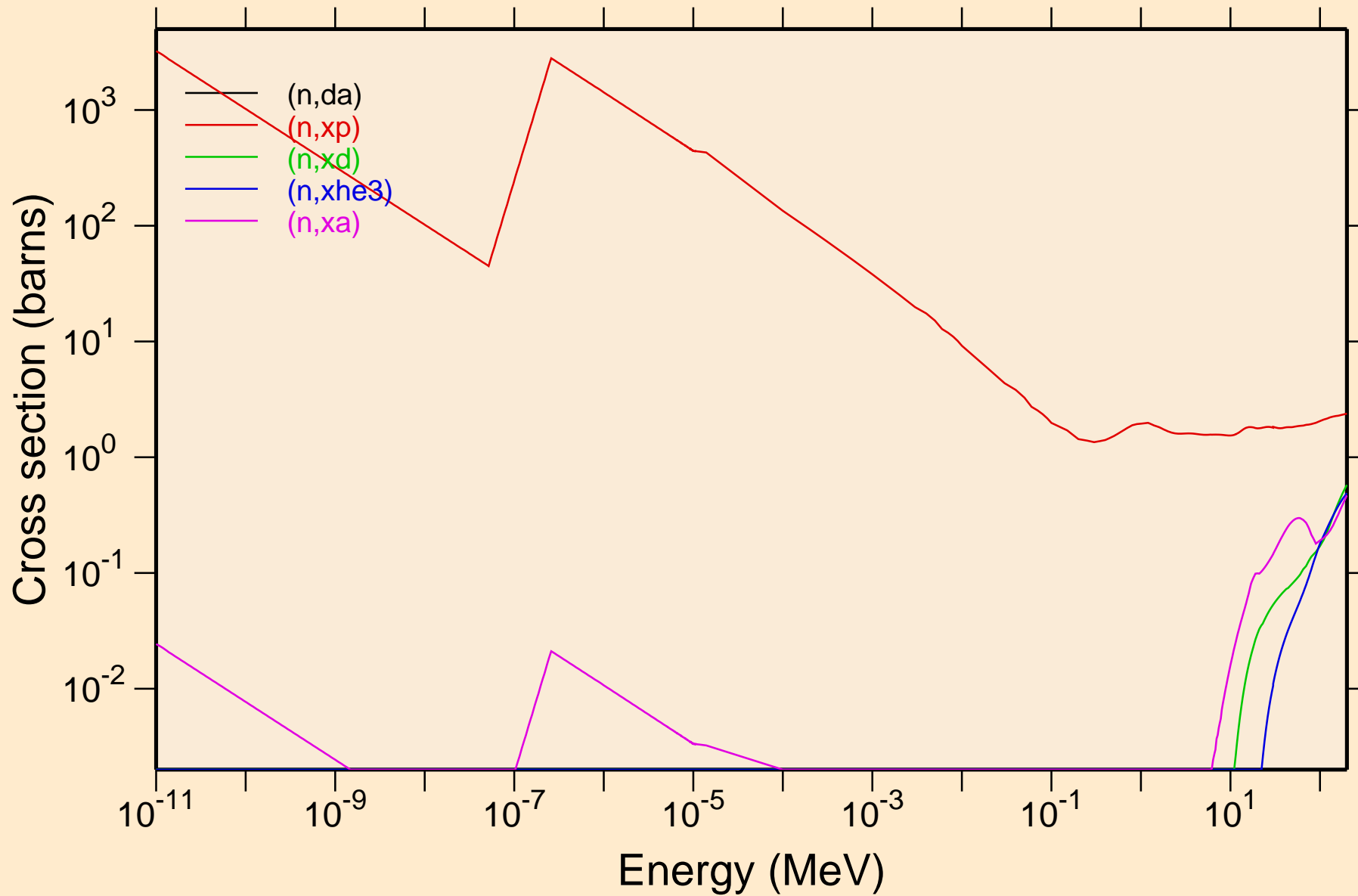
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

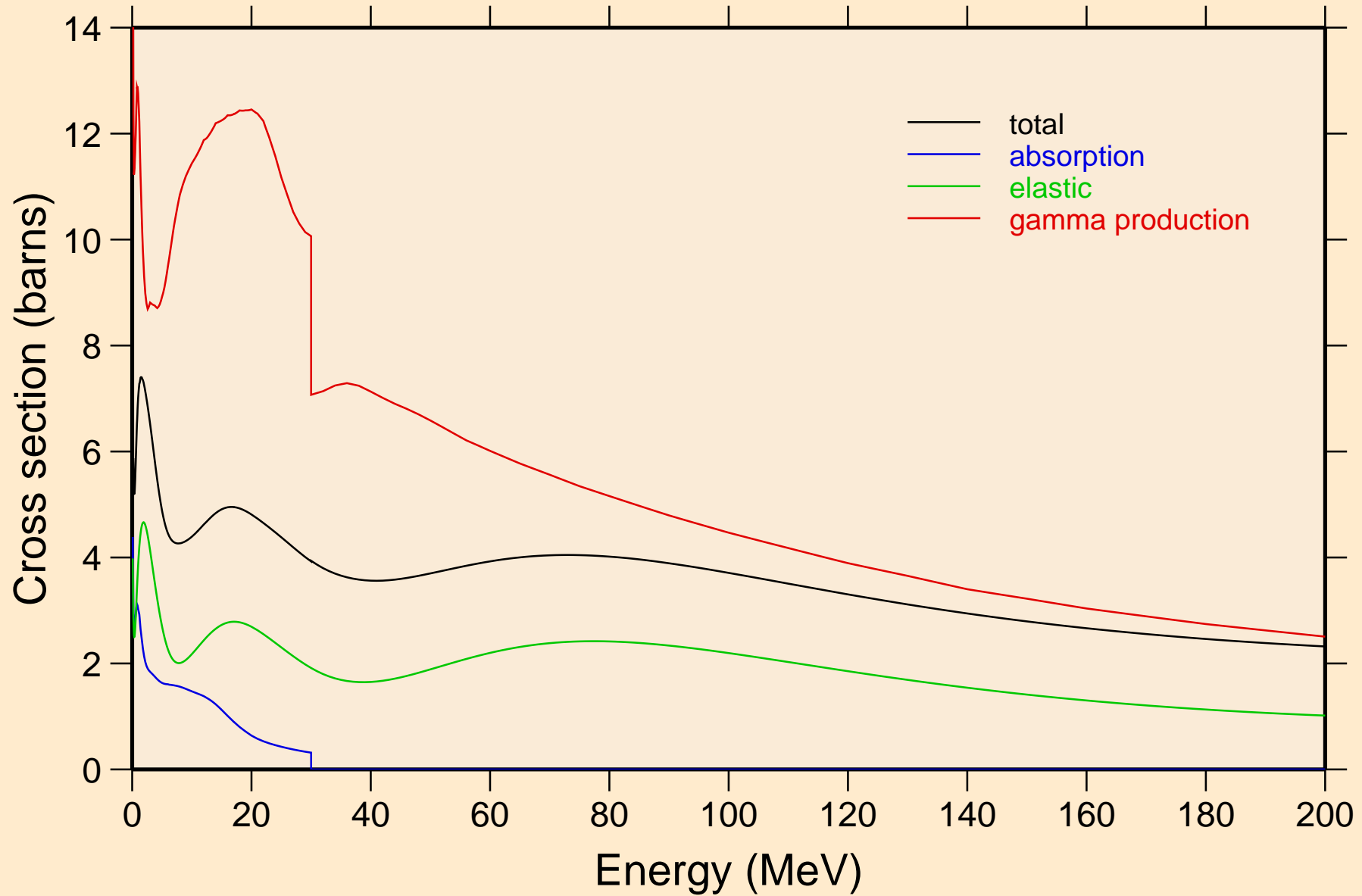


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



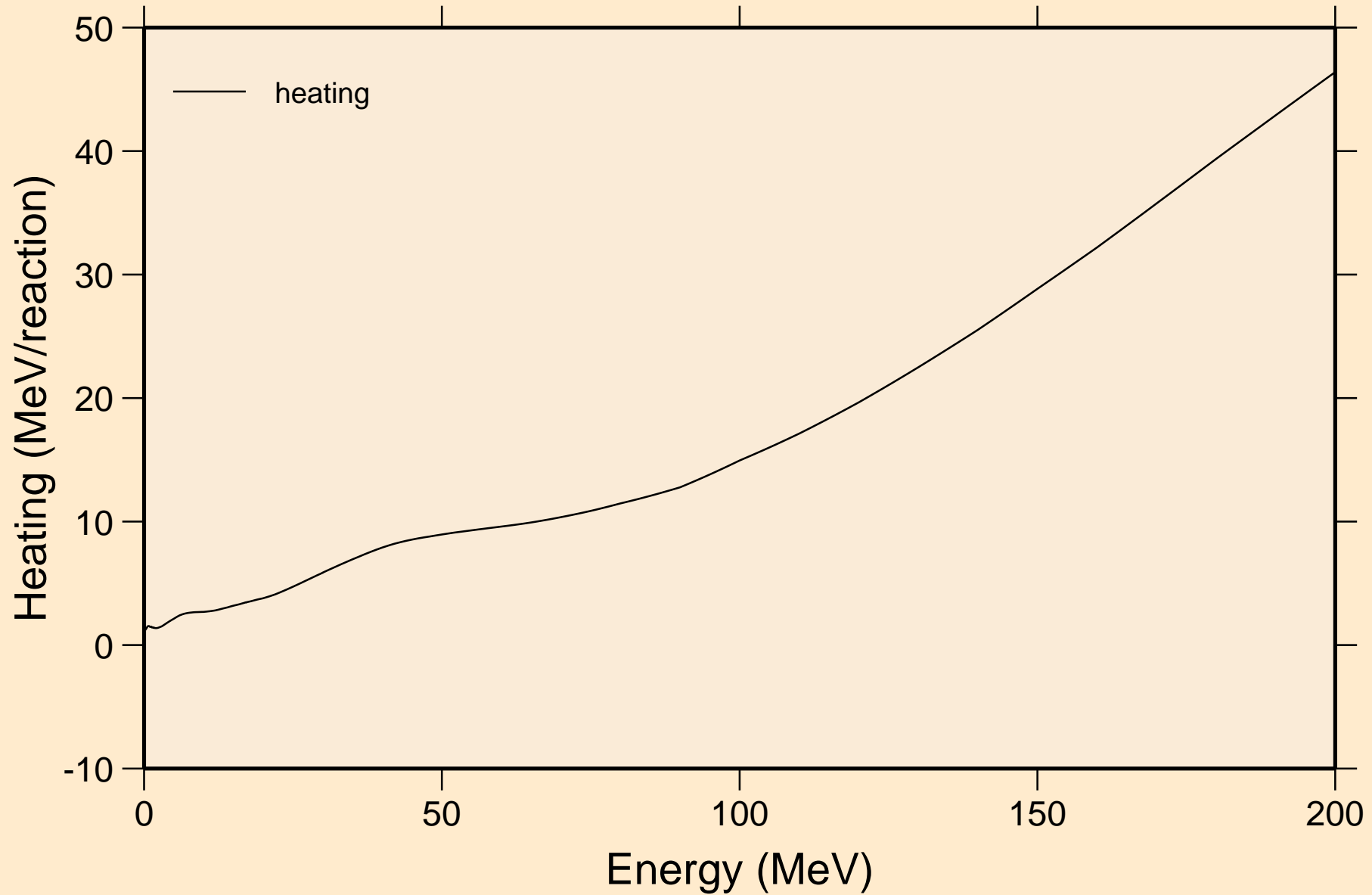
# TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

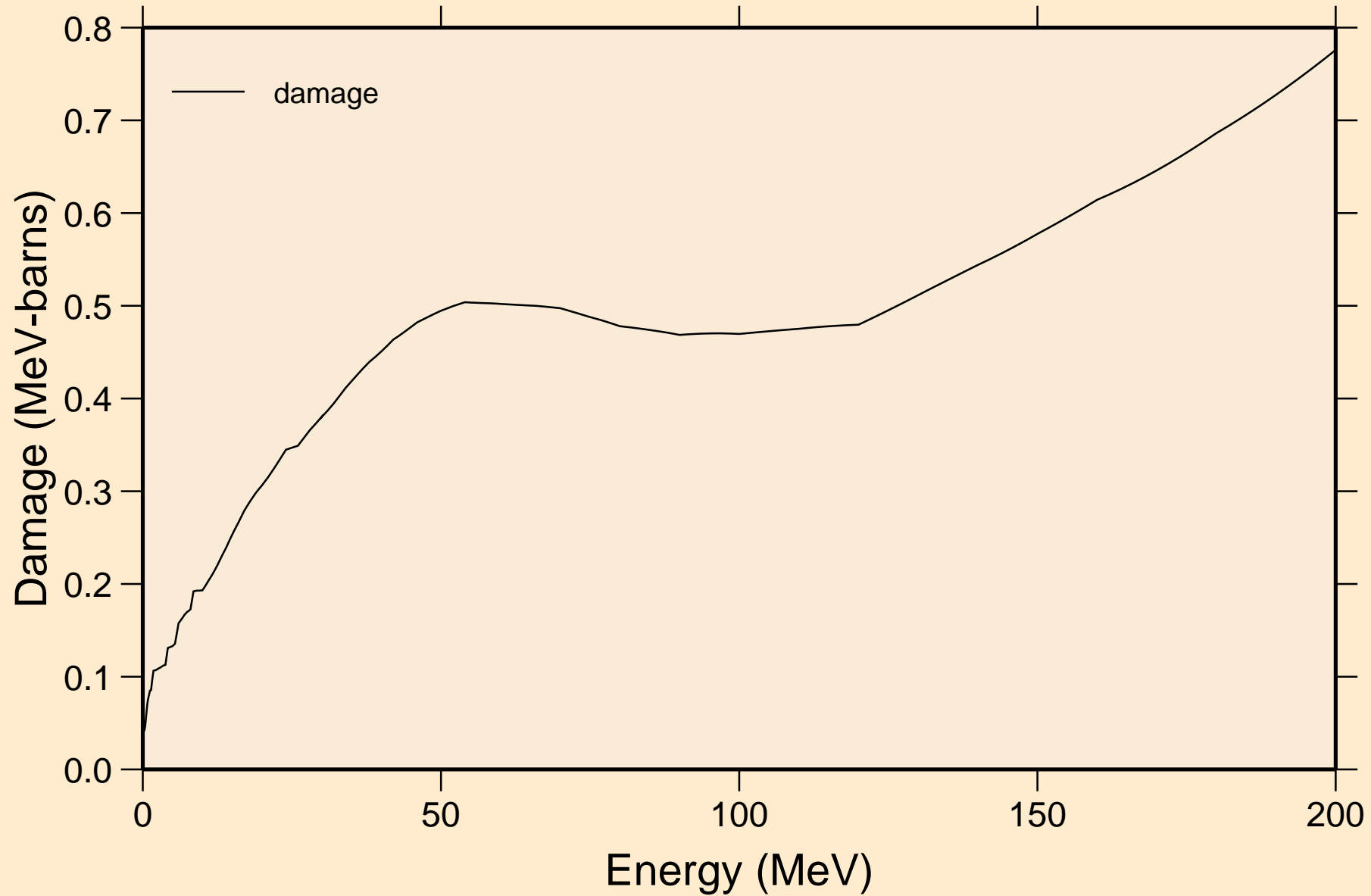


# TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

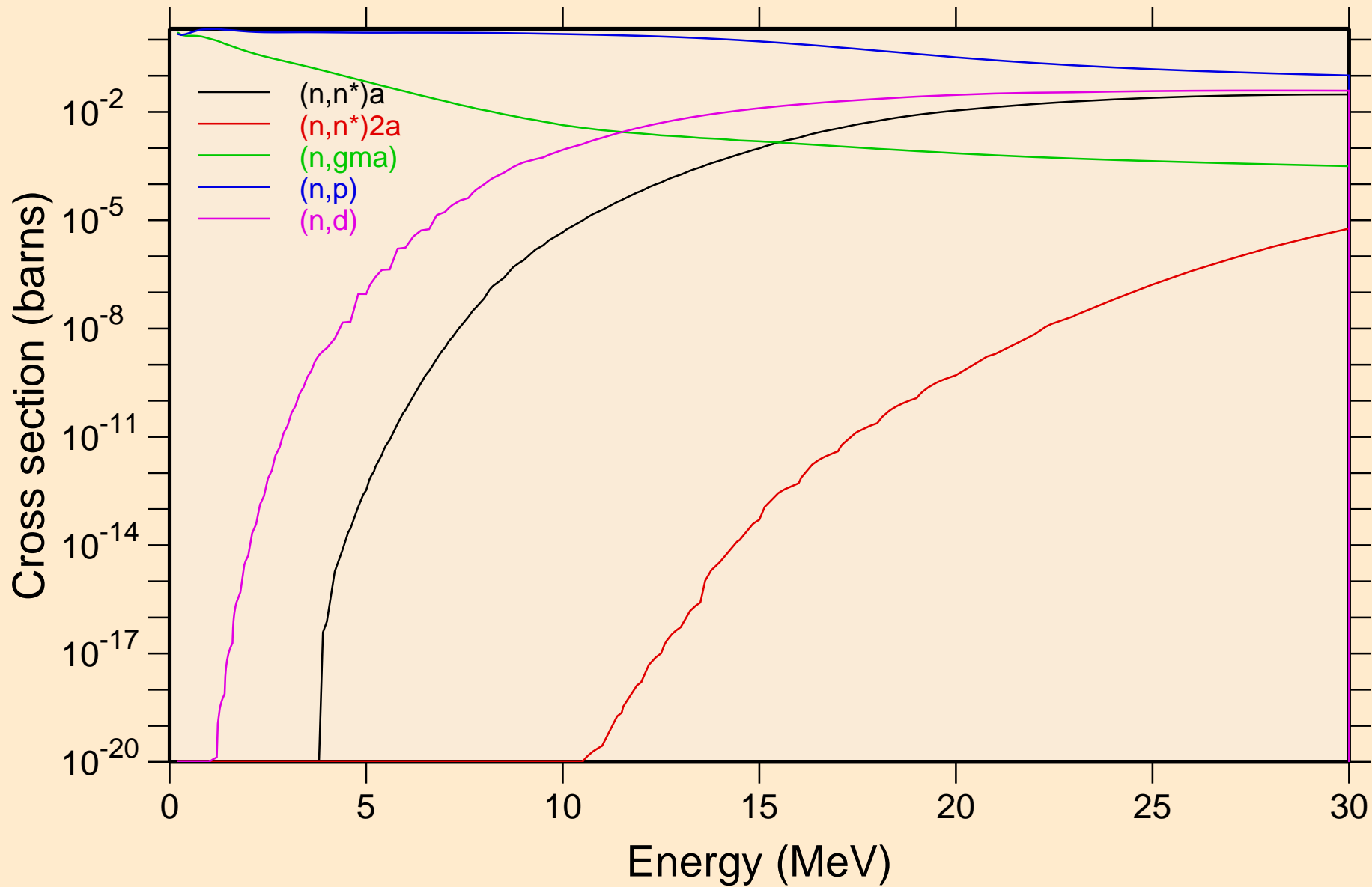


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



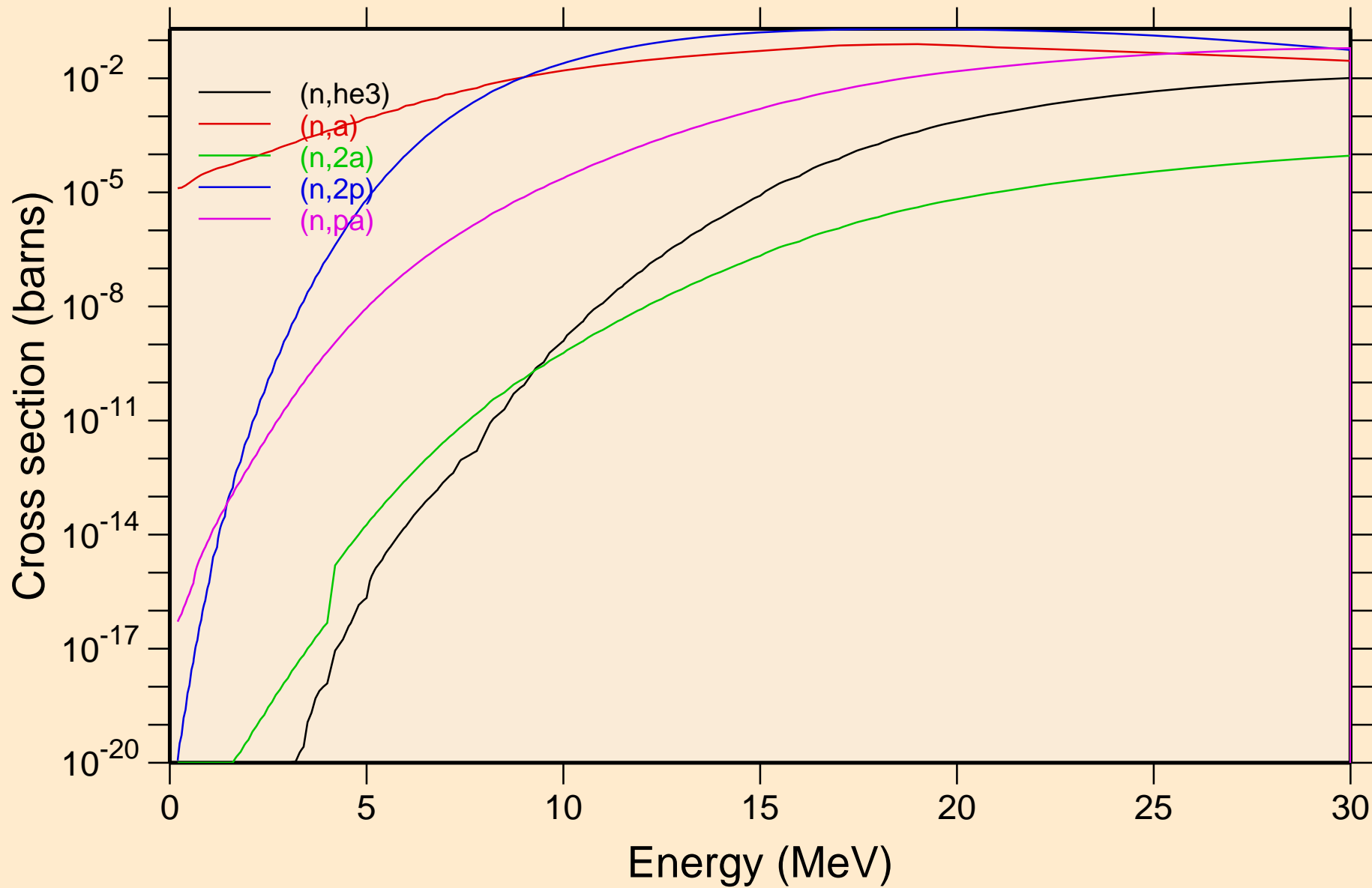
# TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

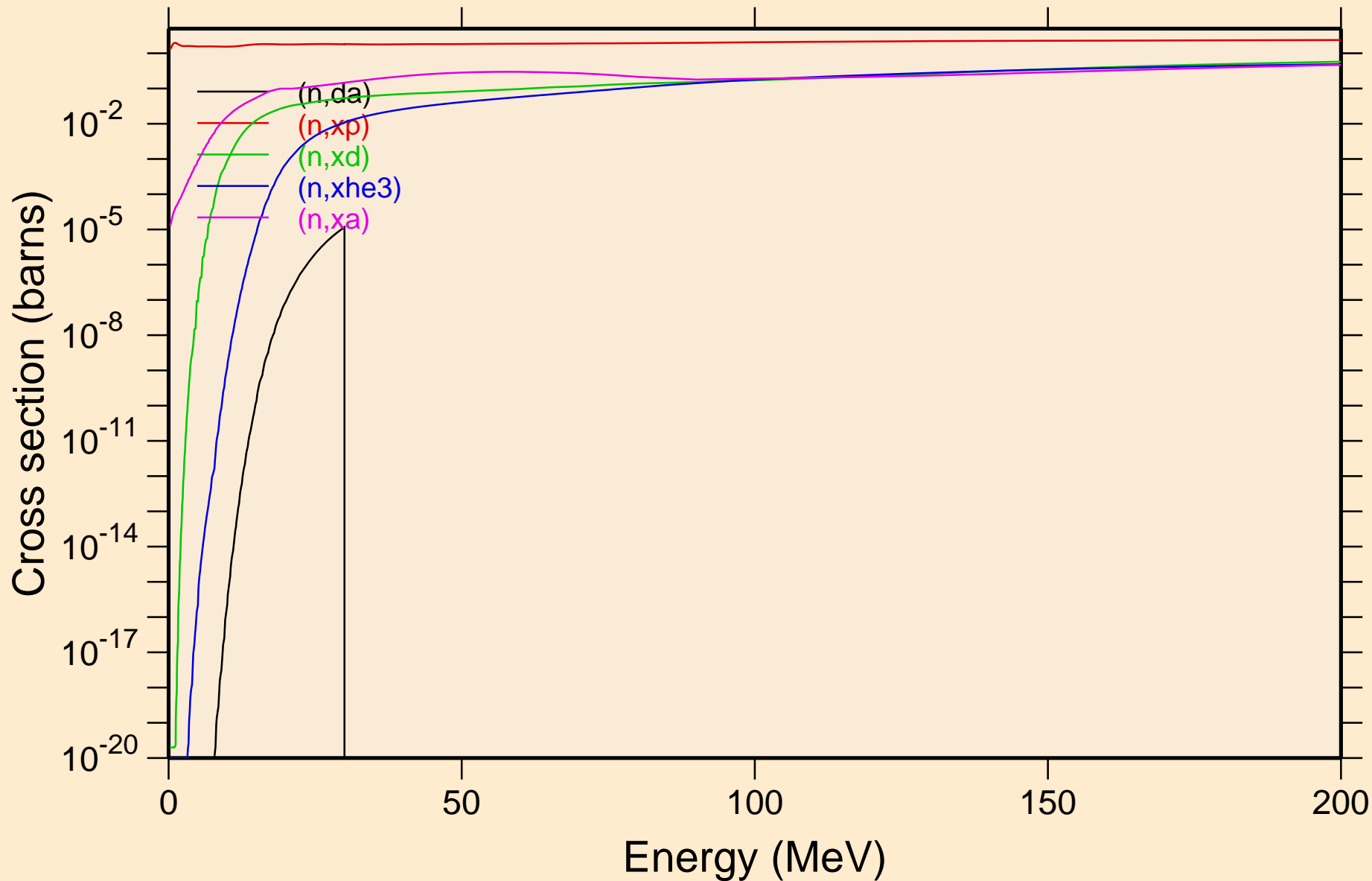




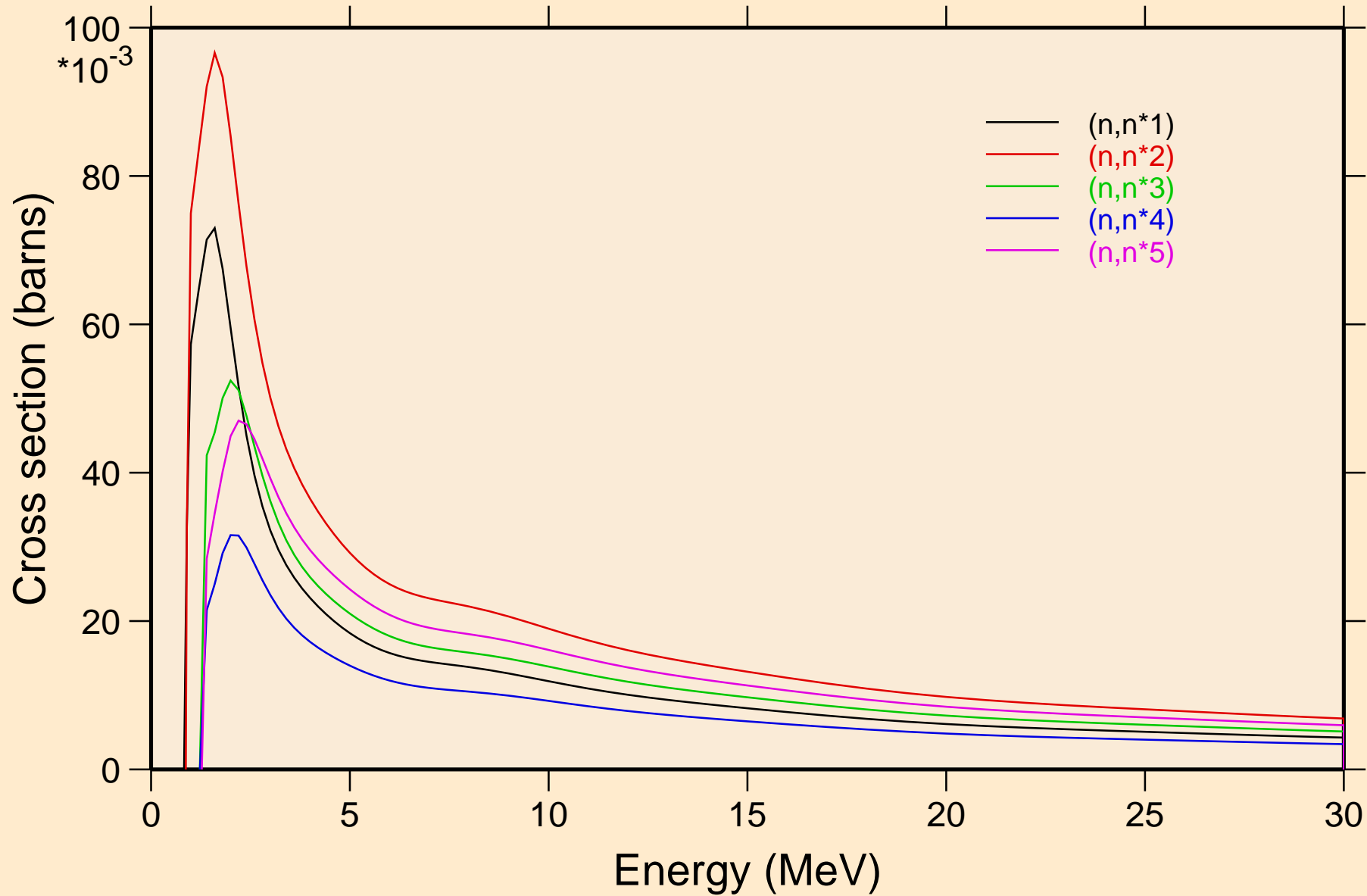
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



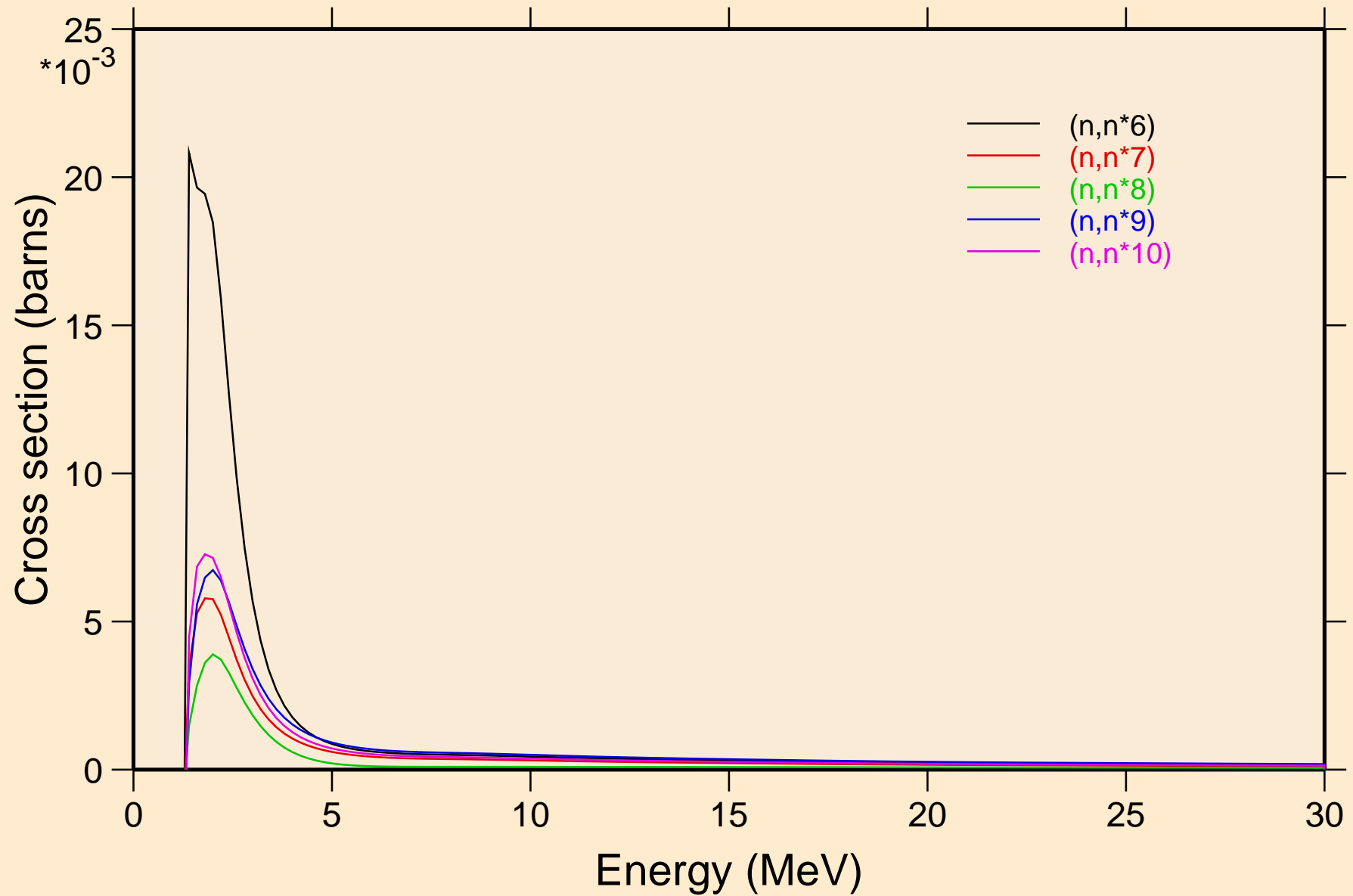
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



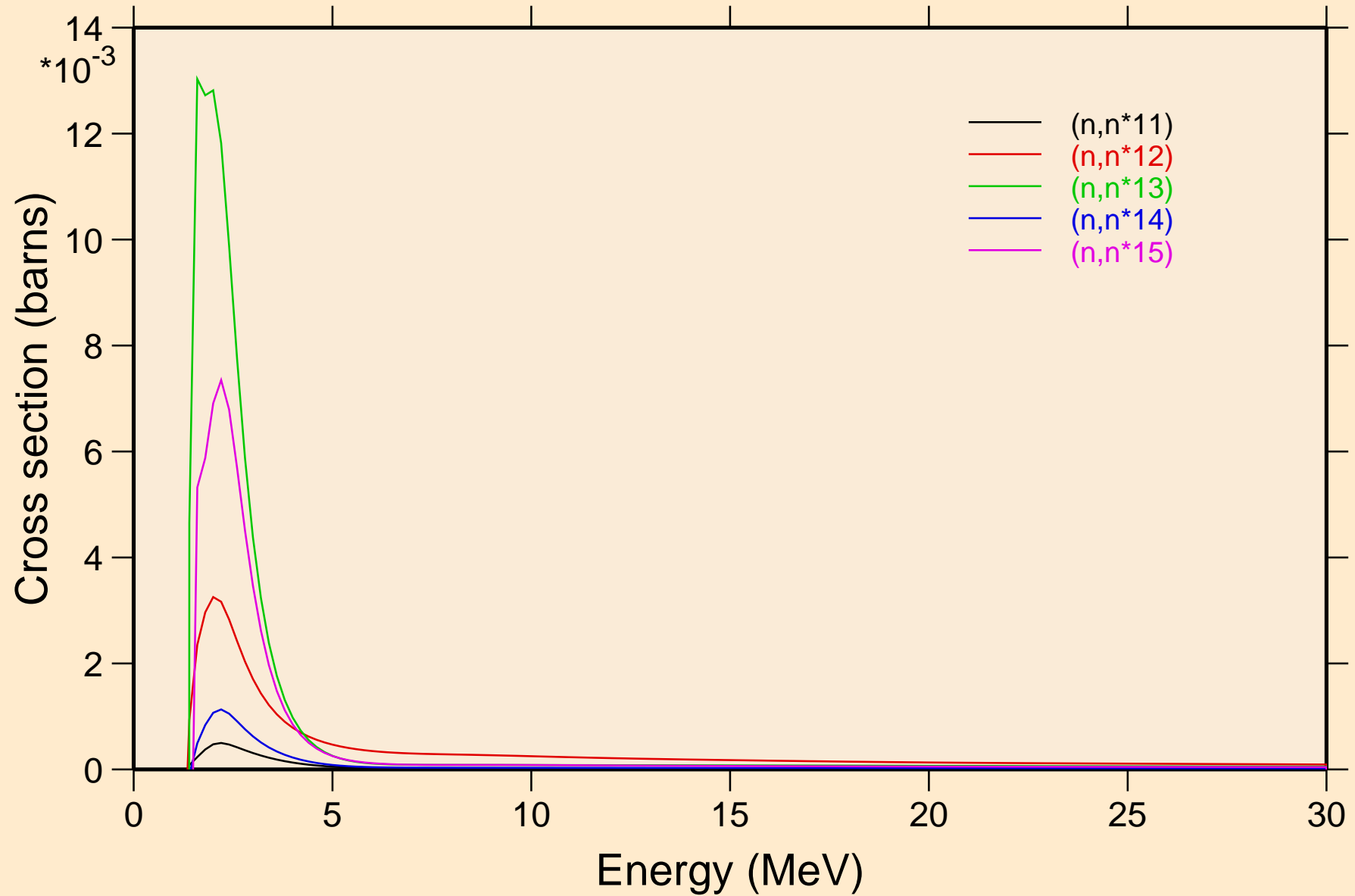
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



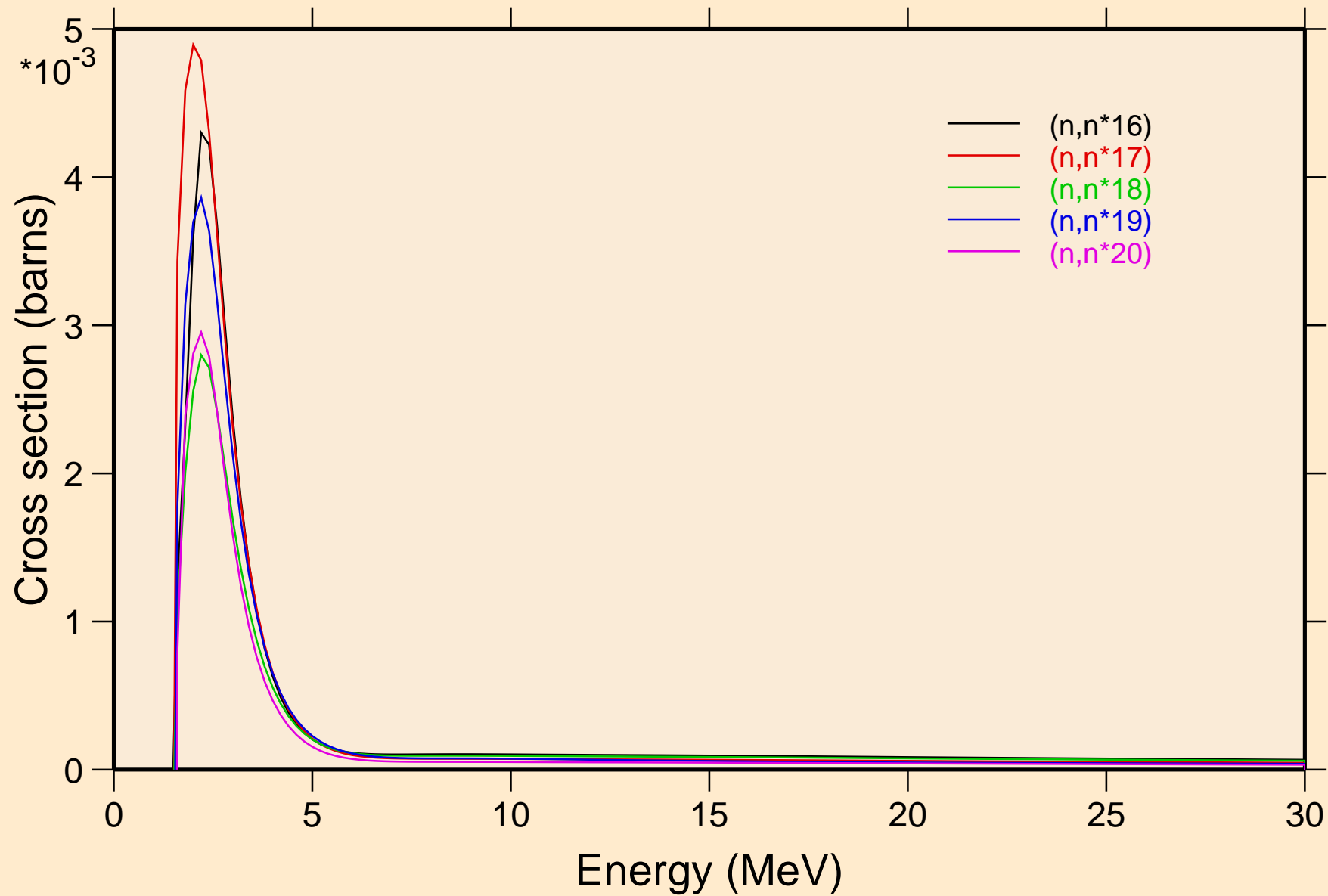
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



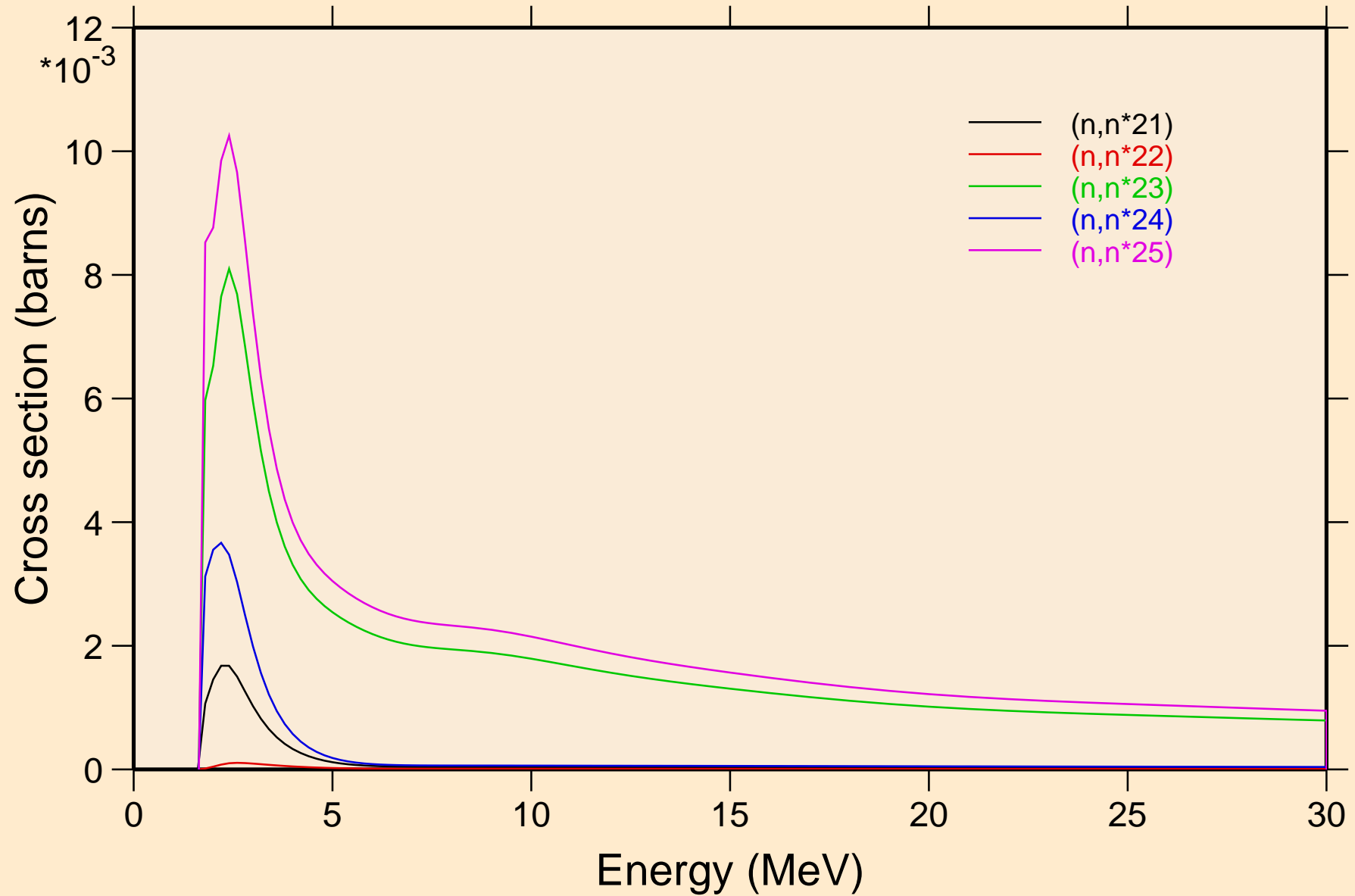
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



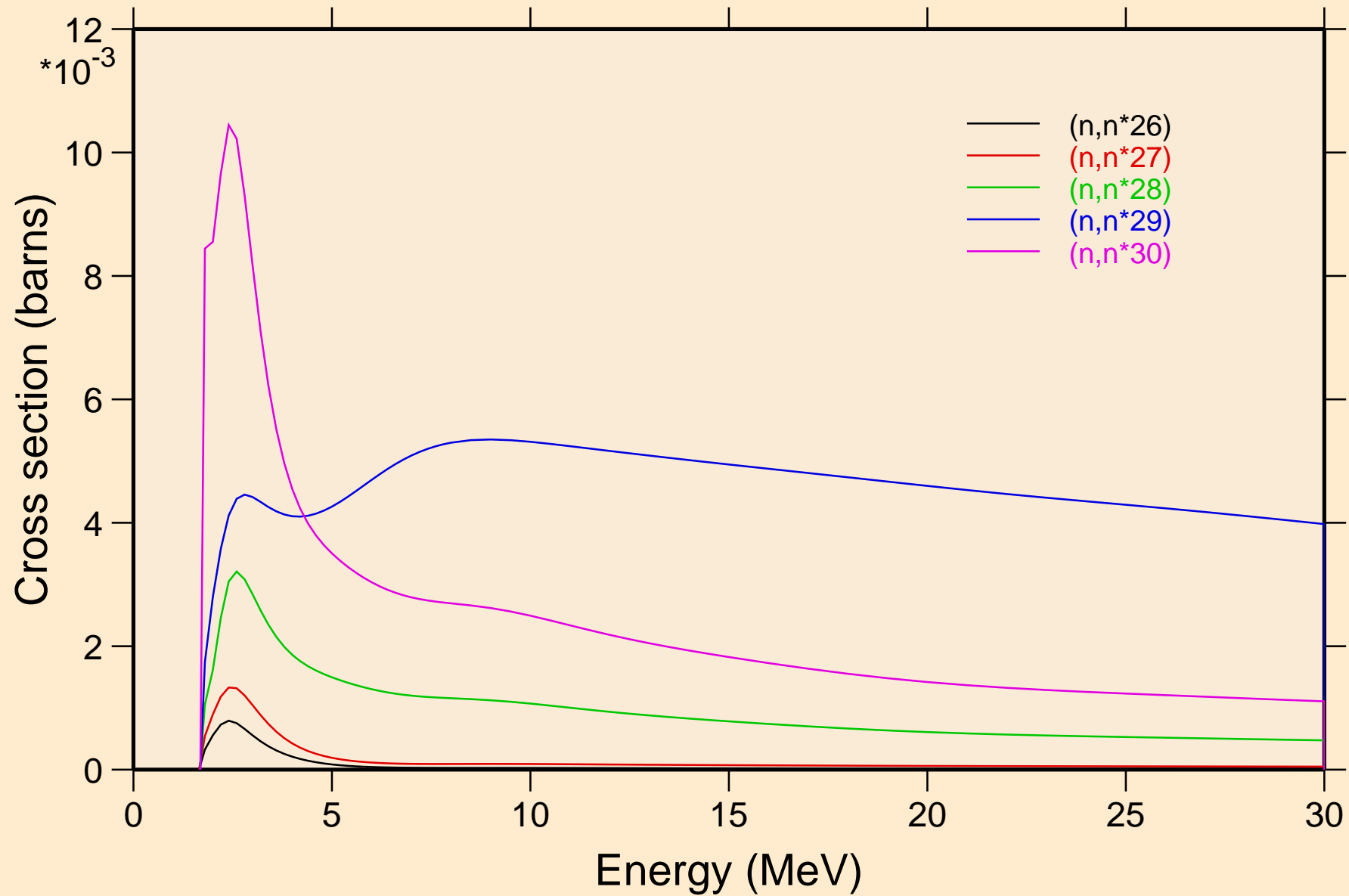
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

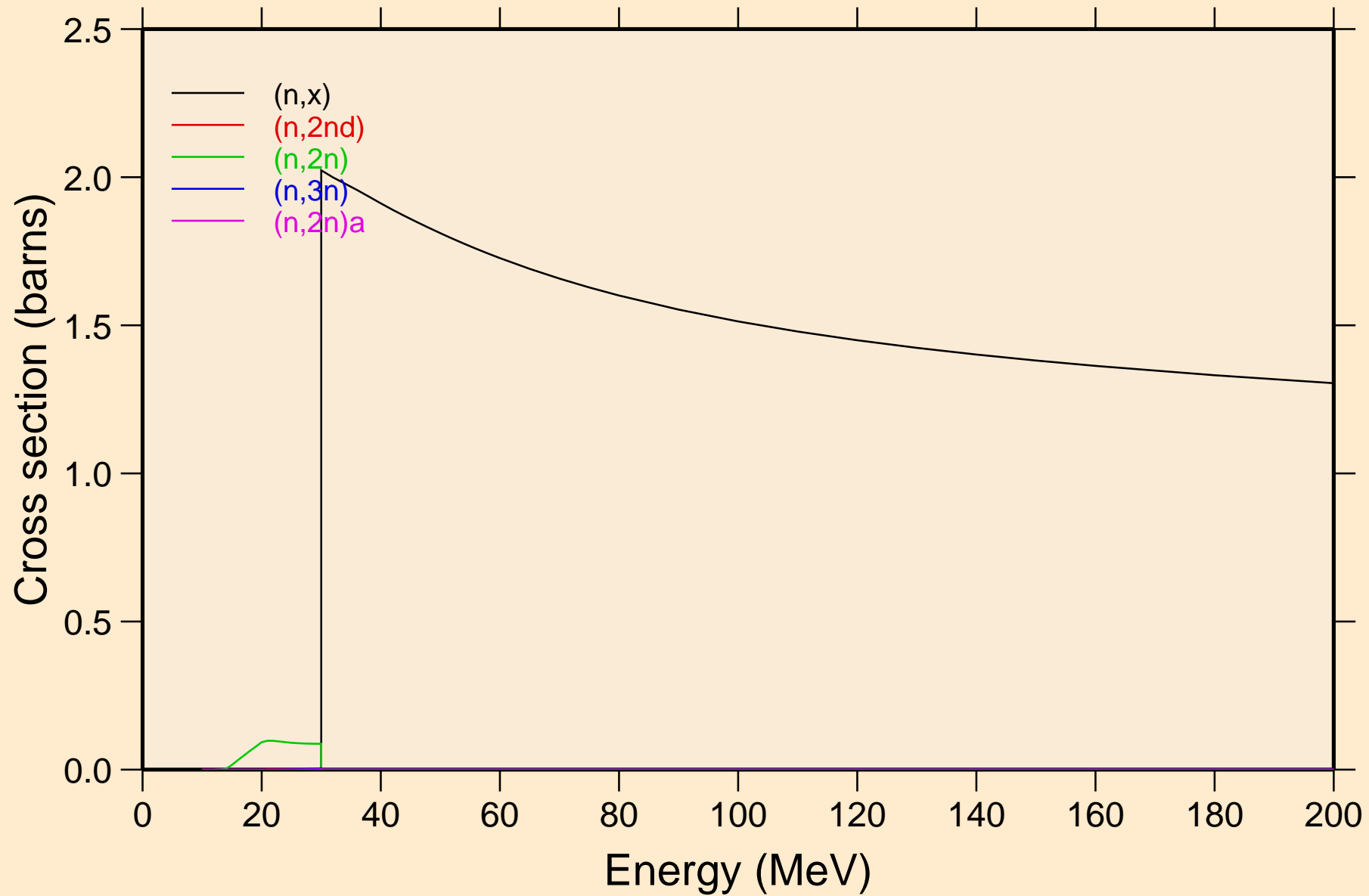


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

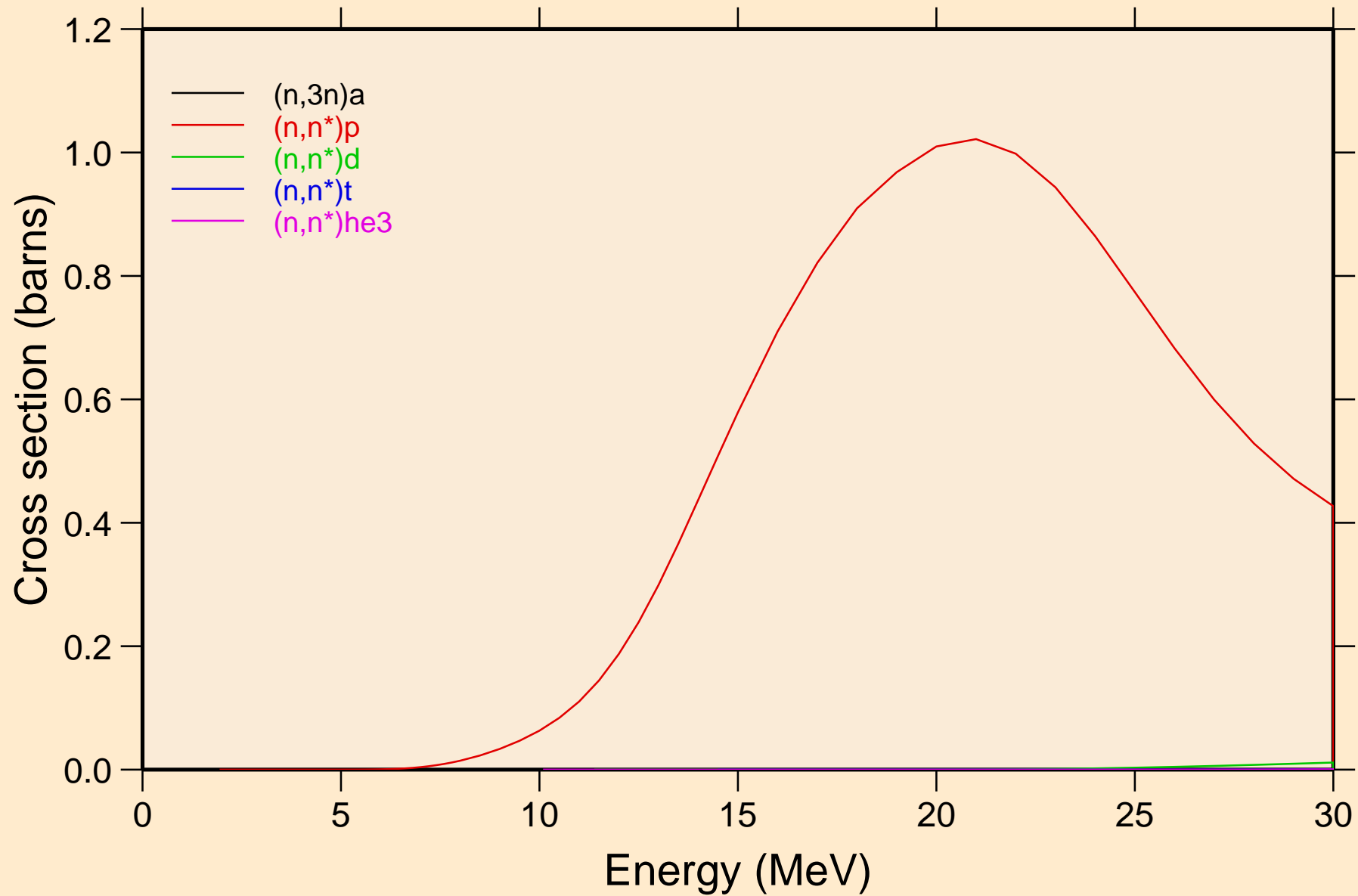




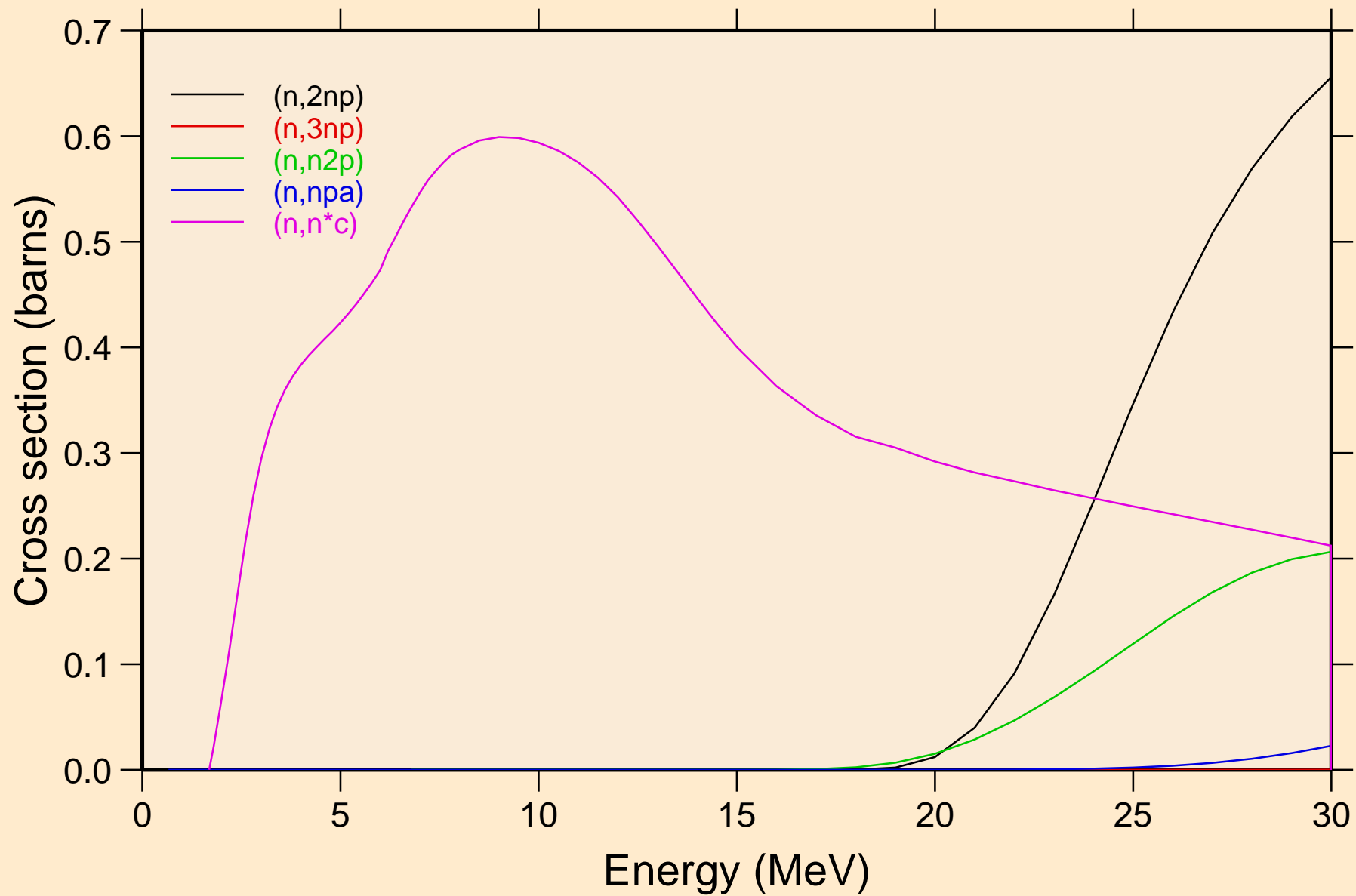
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



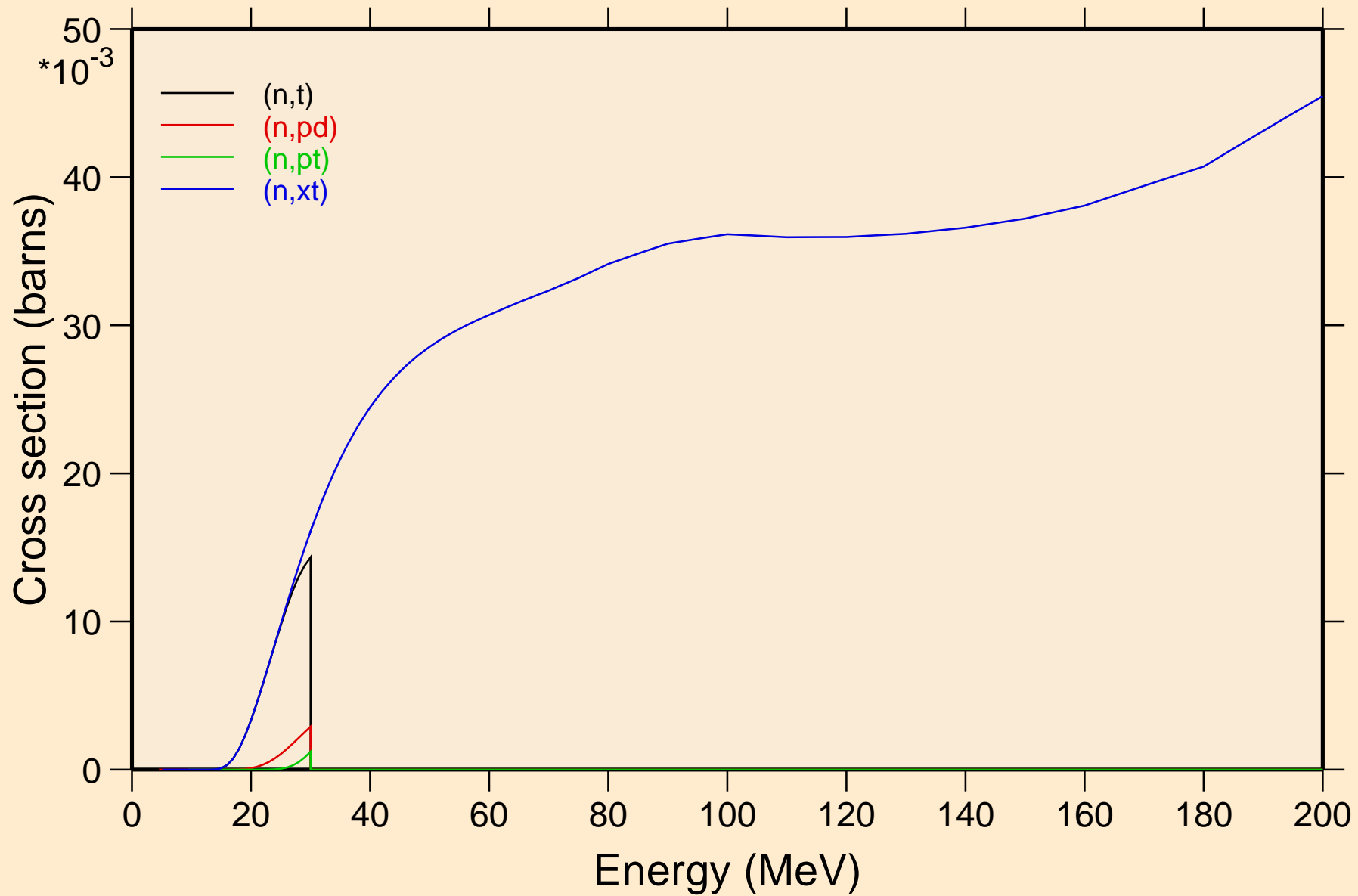
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



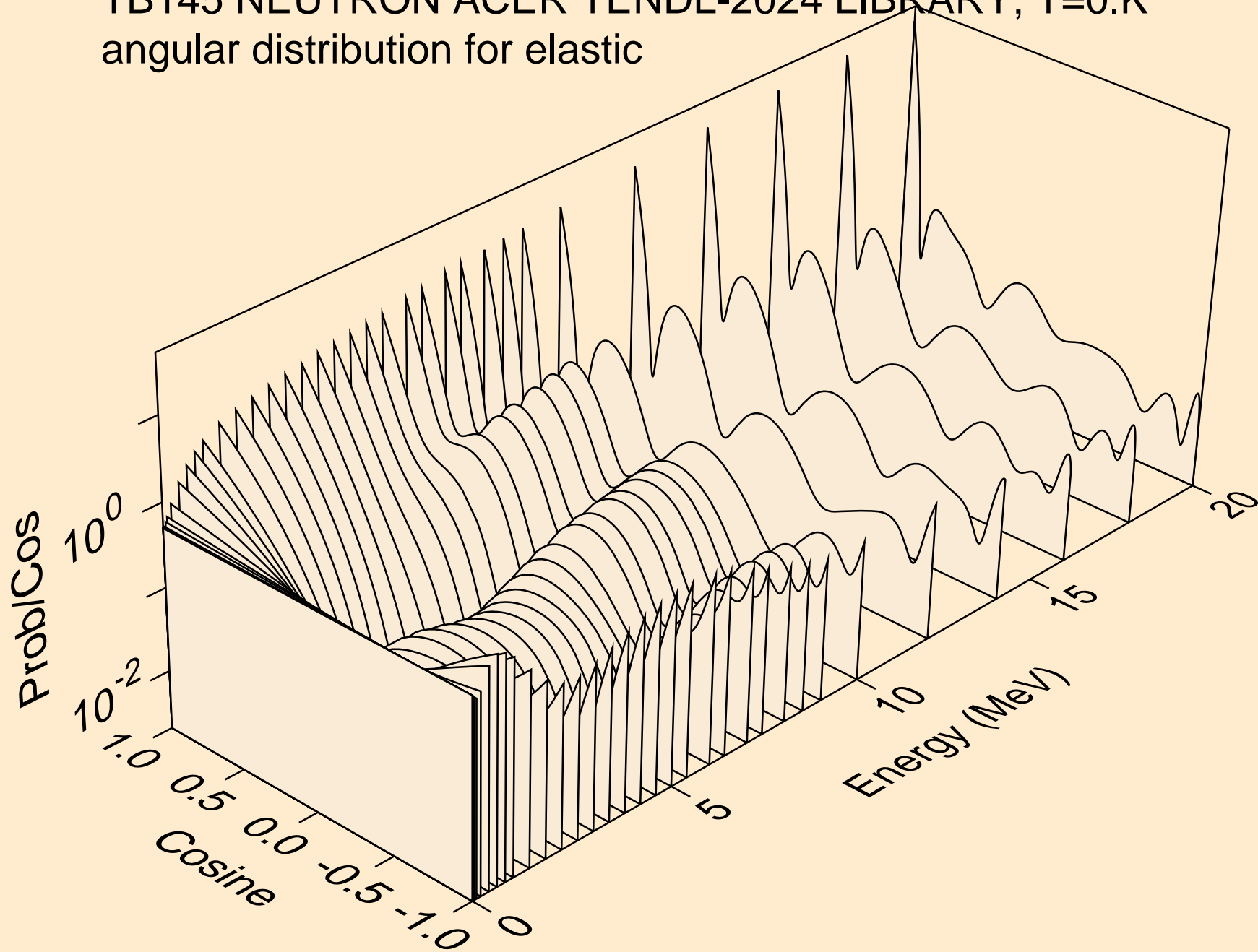
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



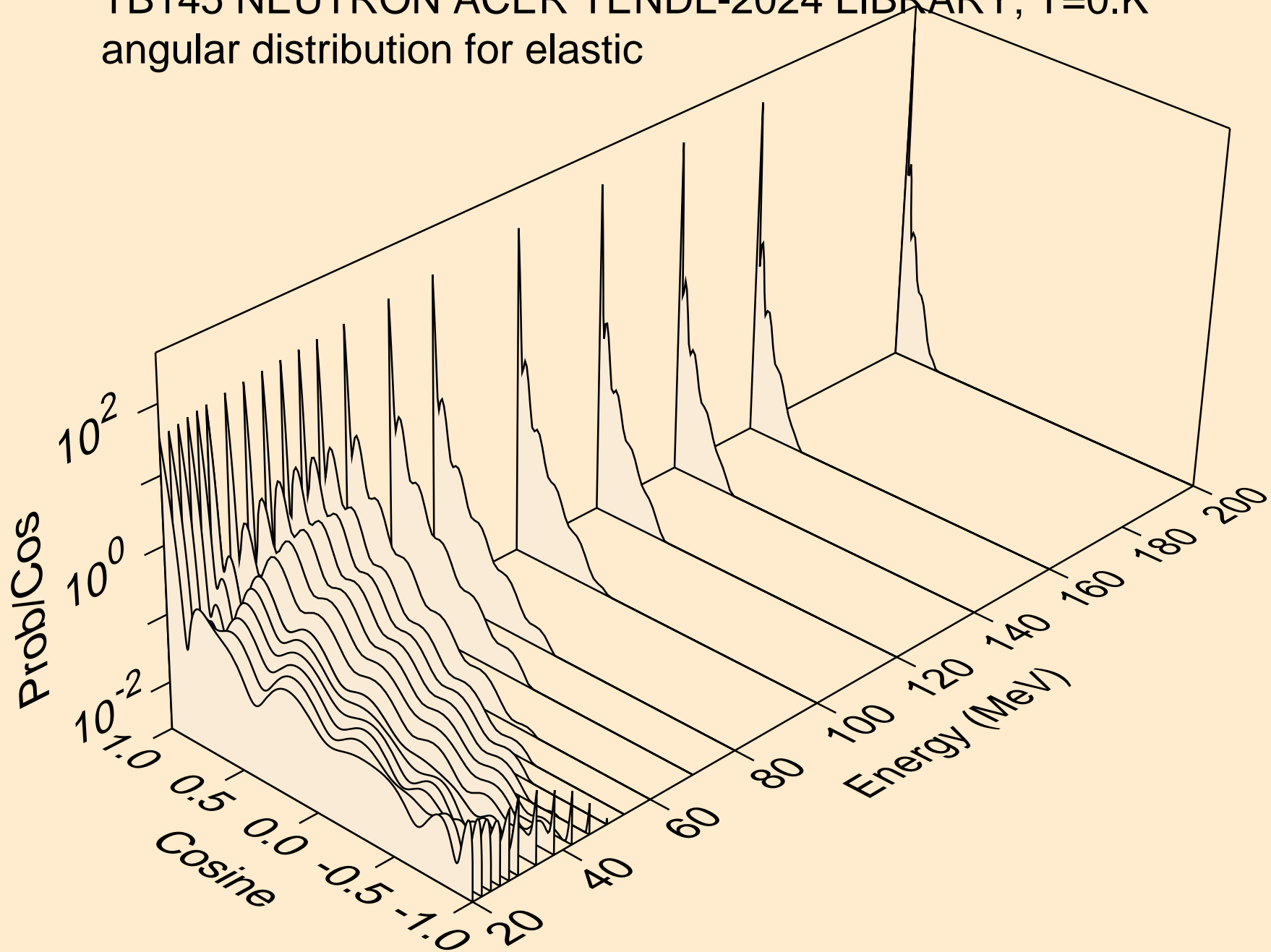
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



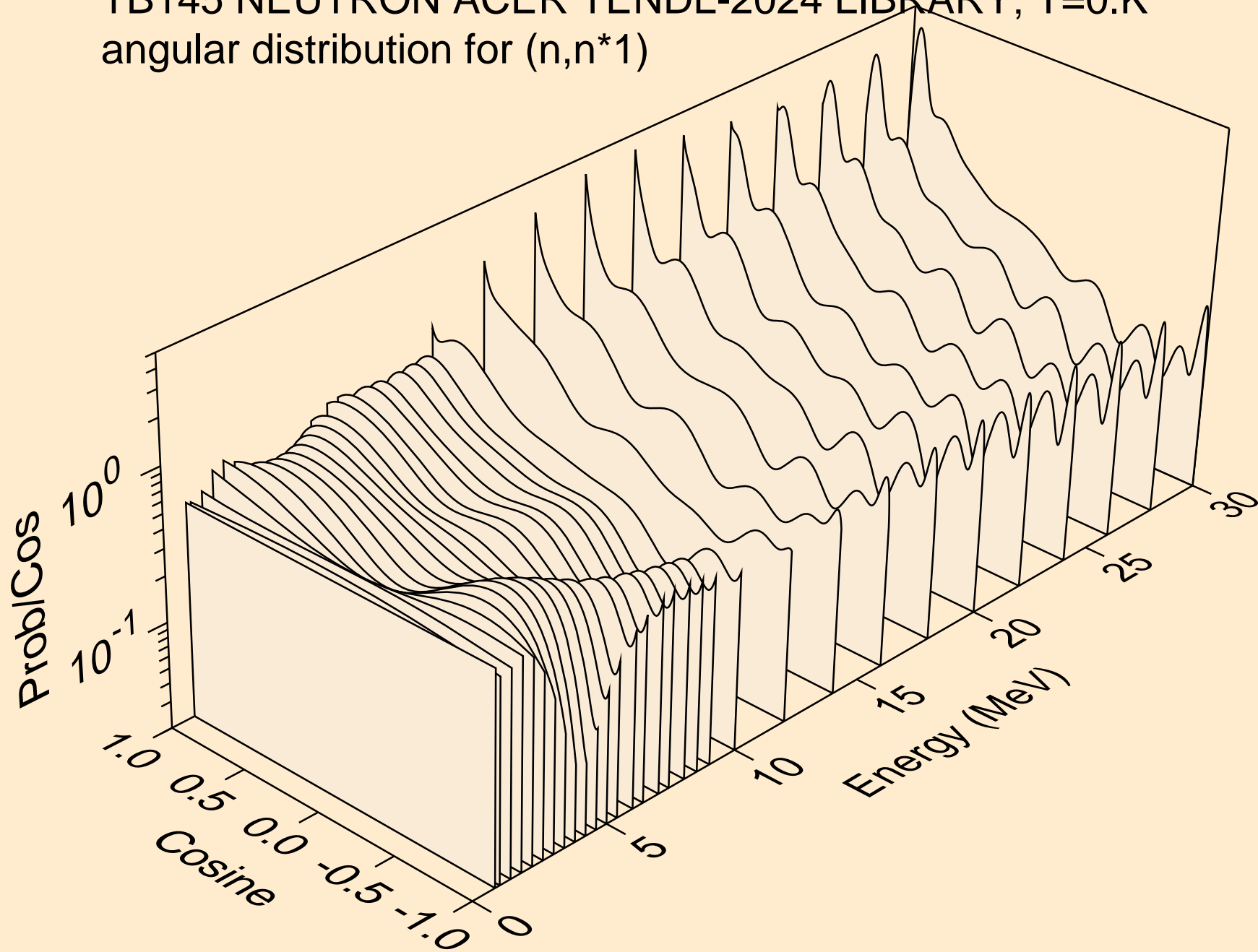
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



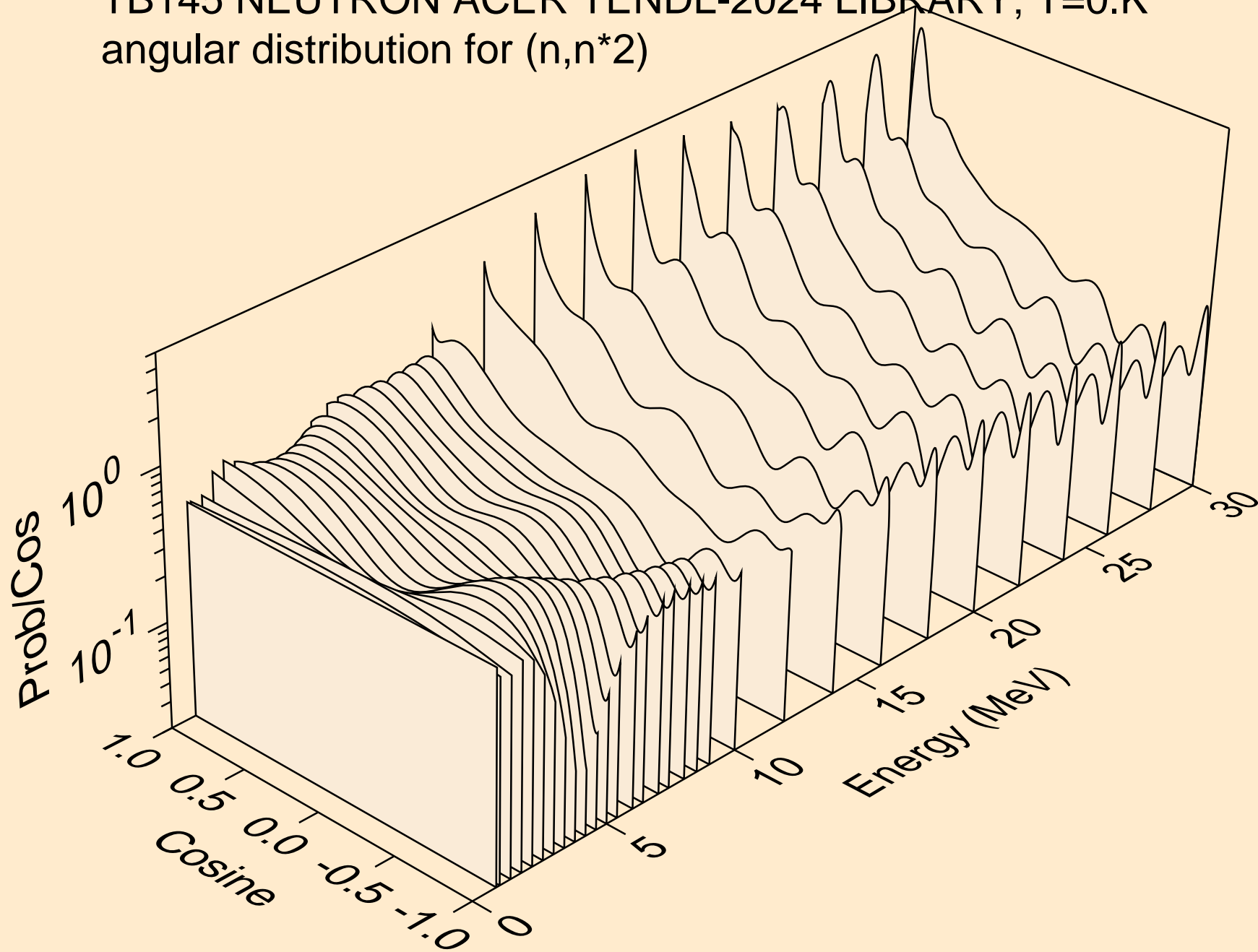
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

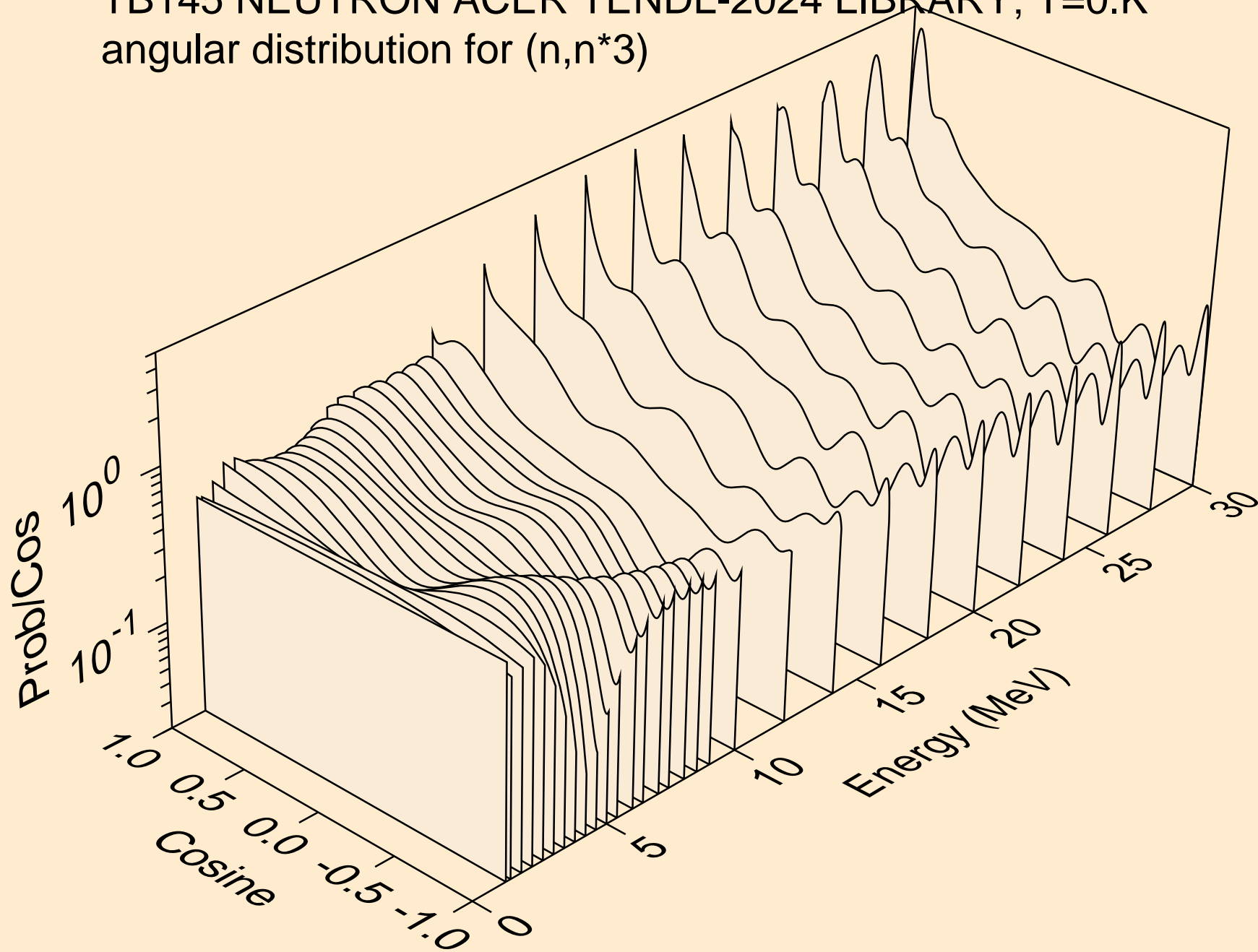


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

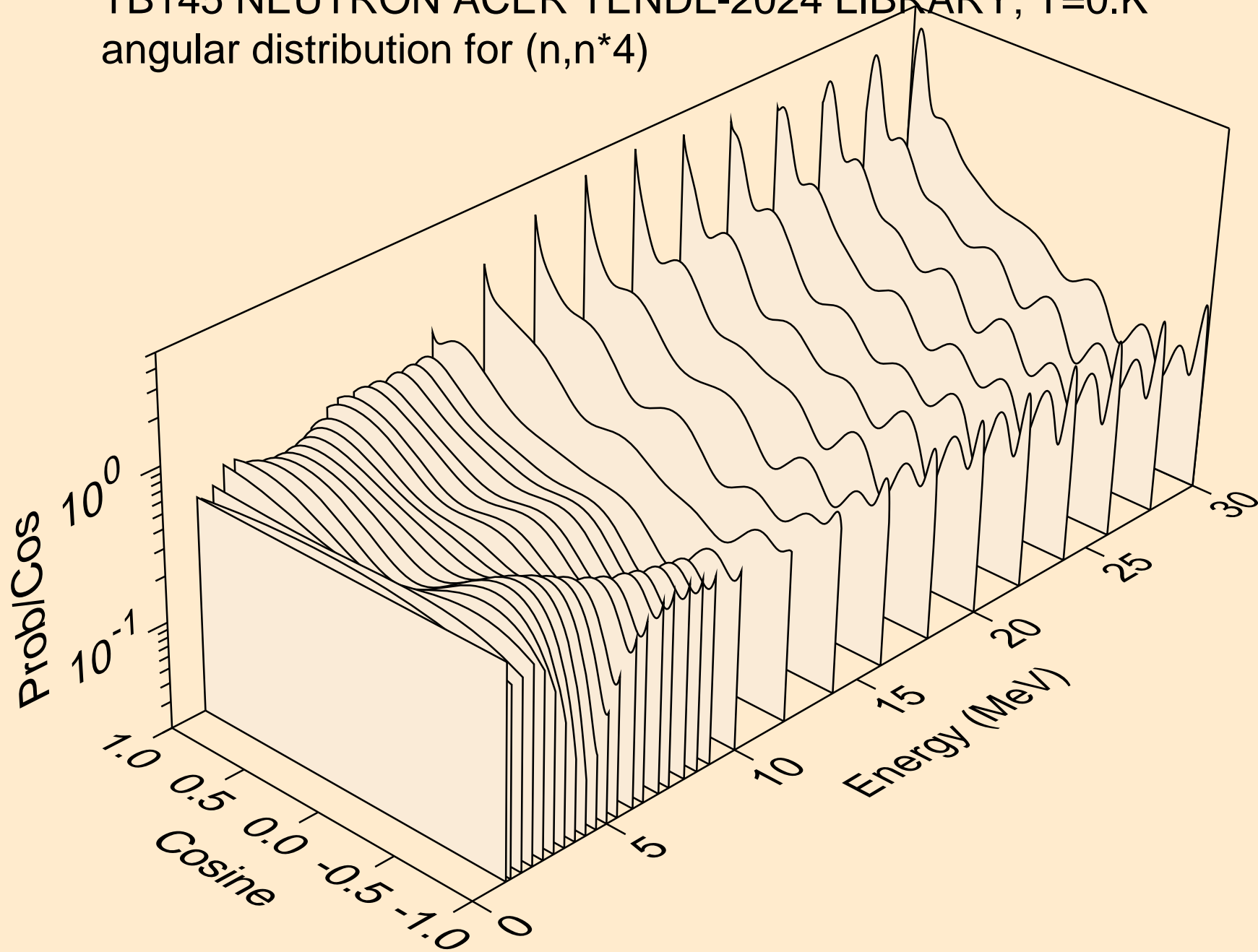




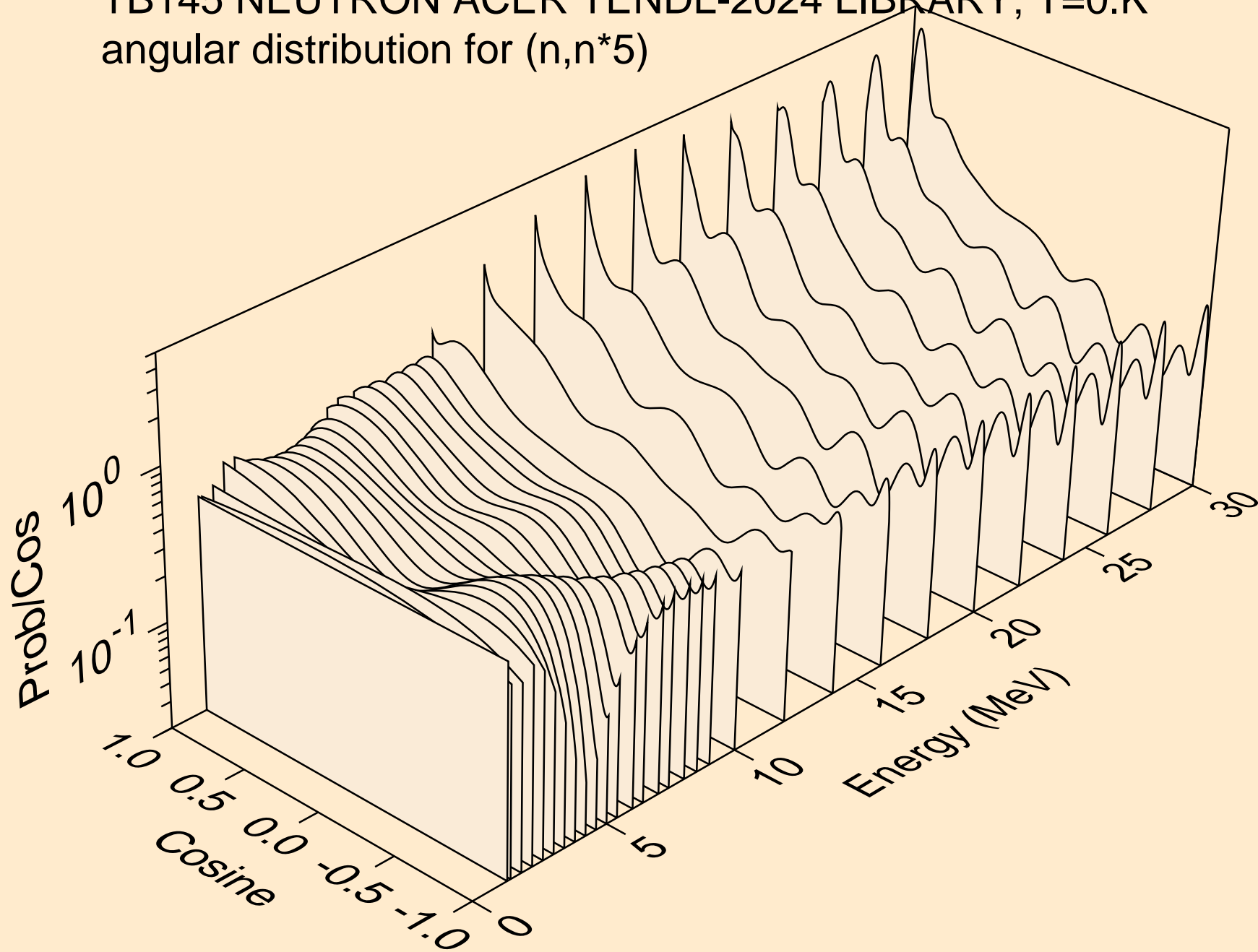
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



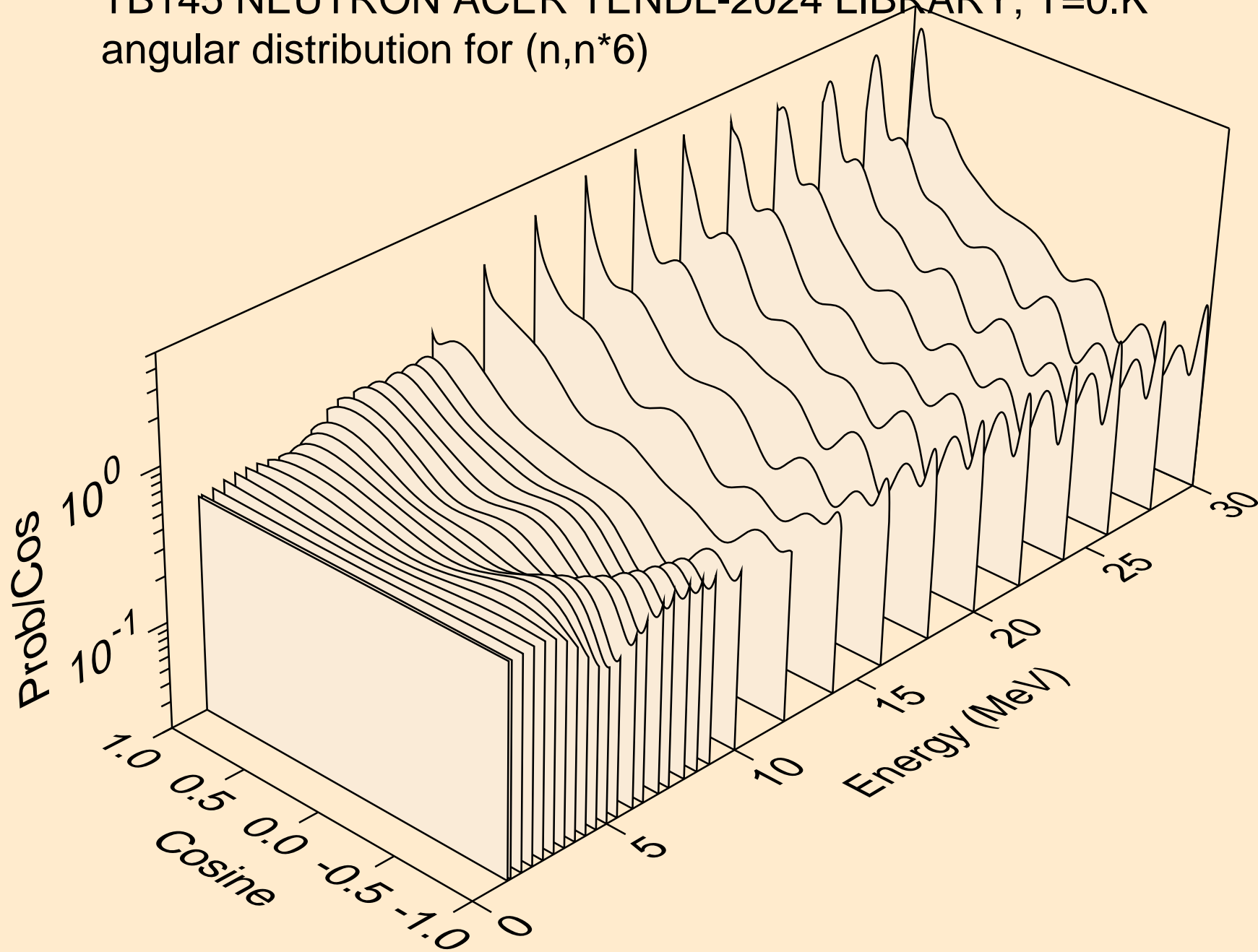
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



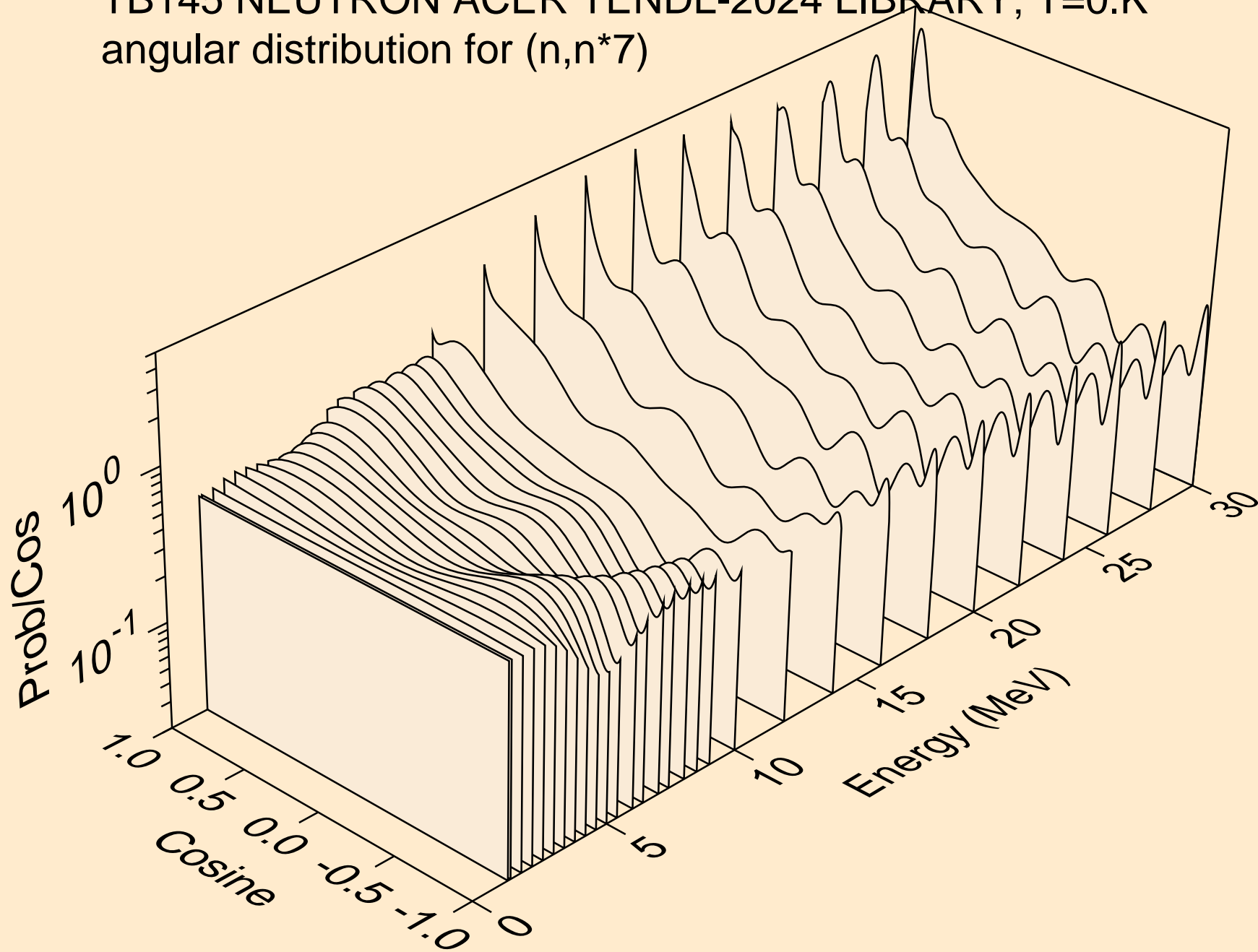
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



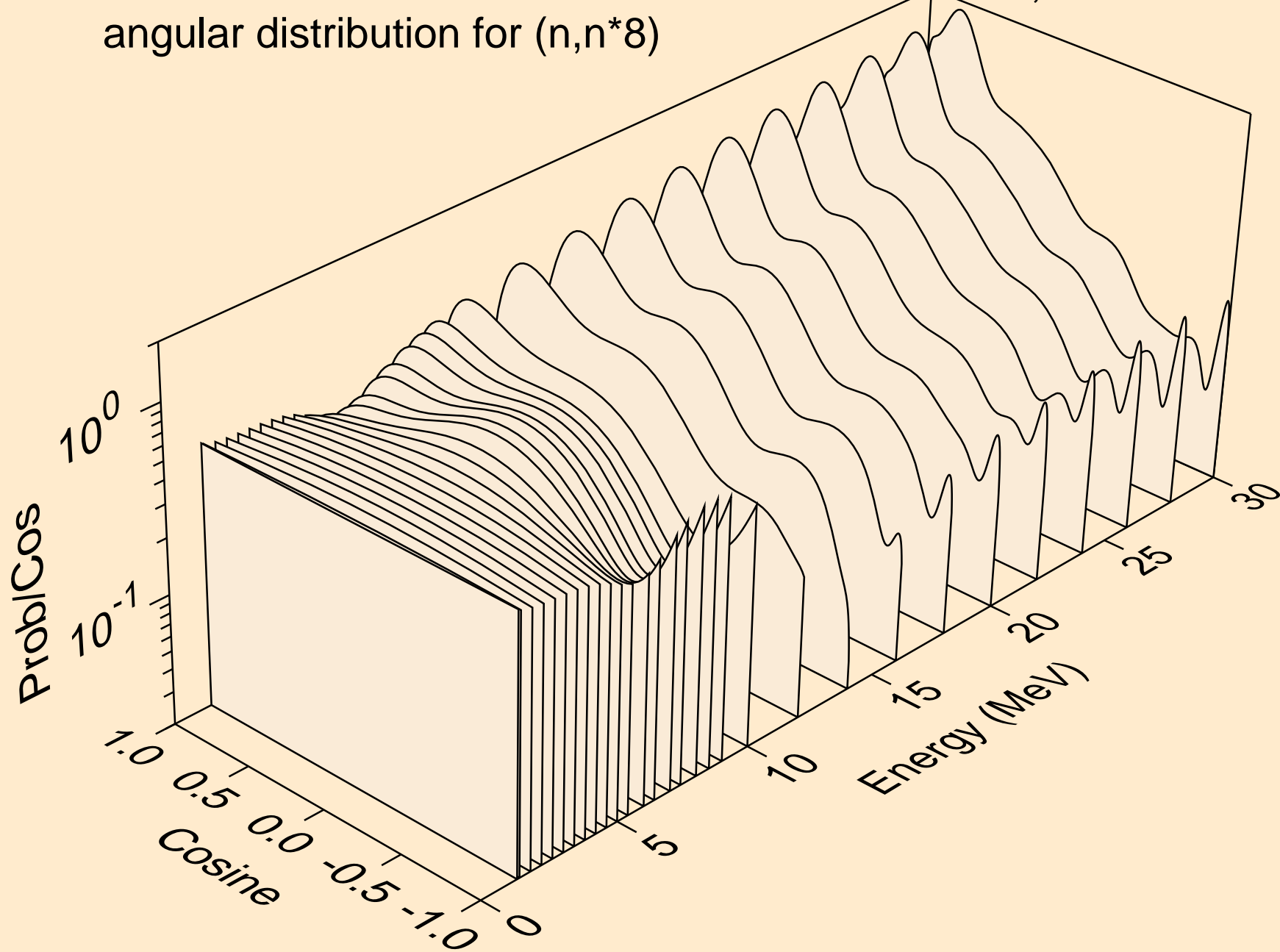
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



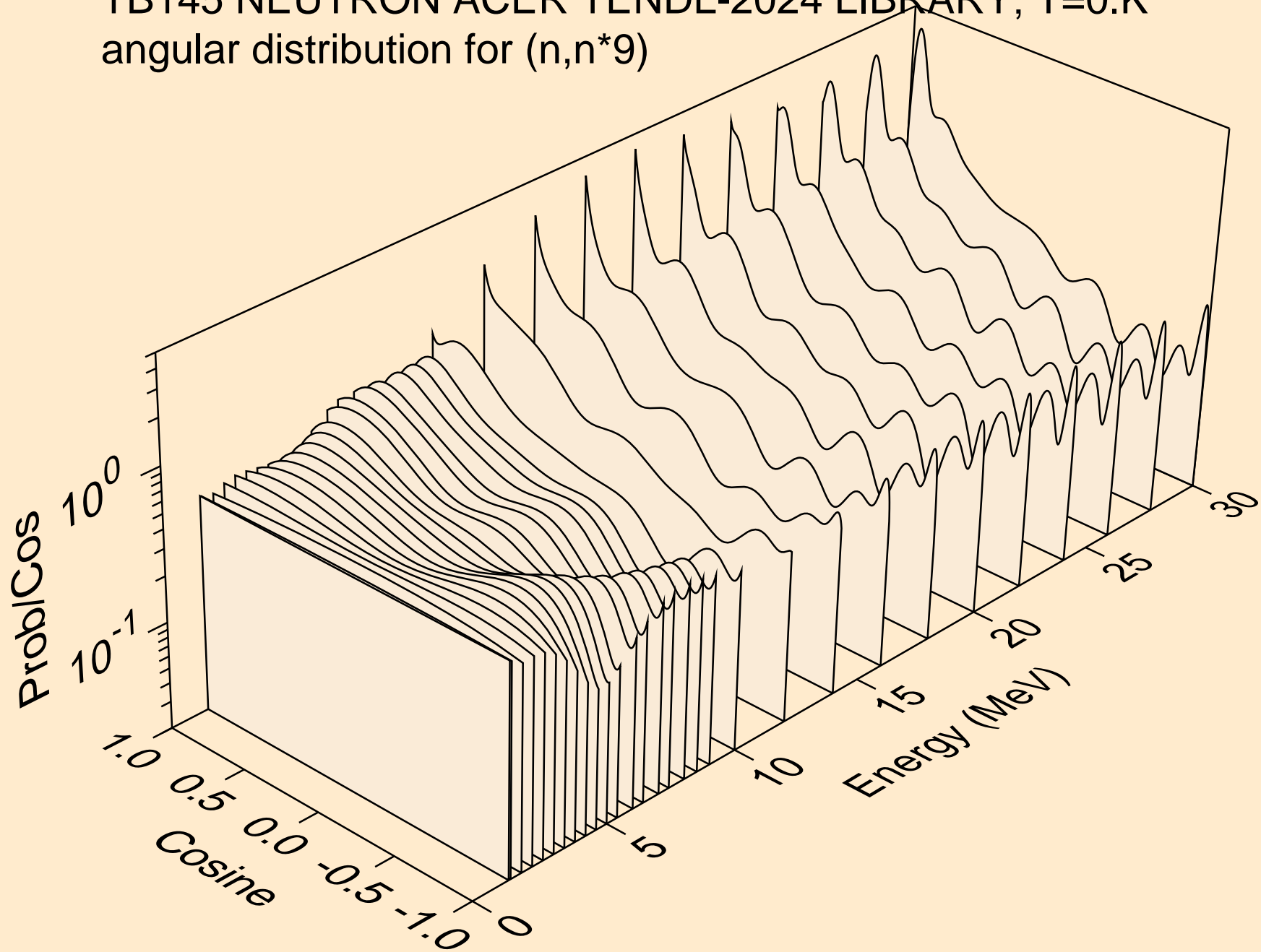
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



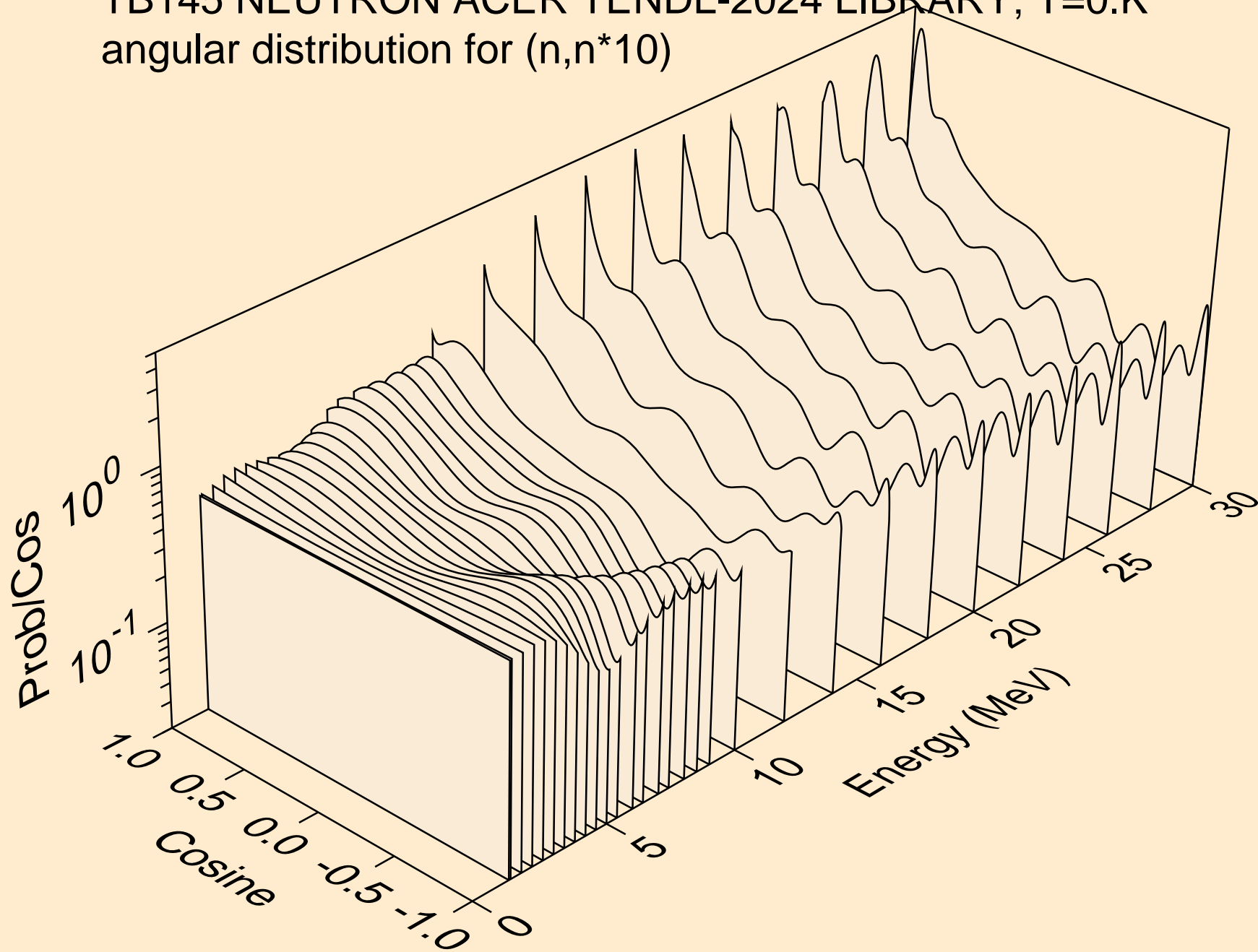
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

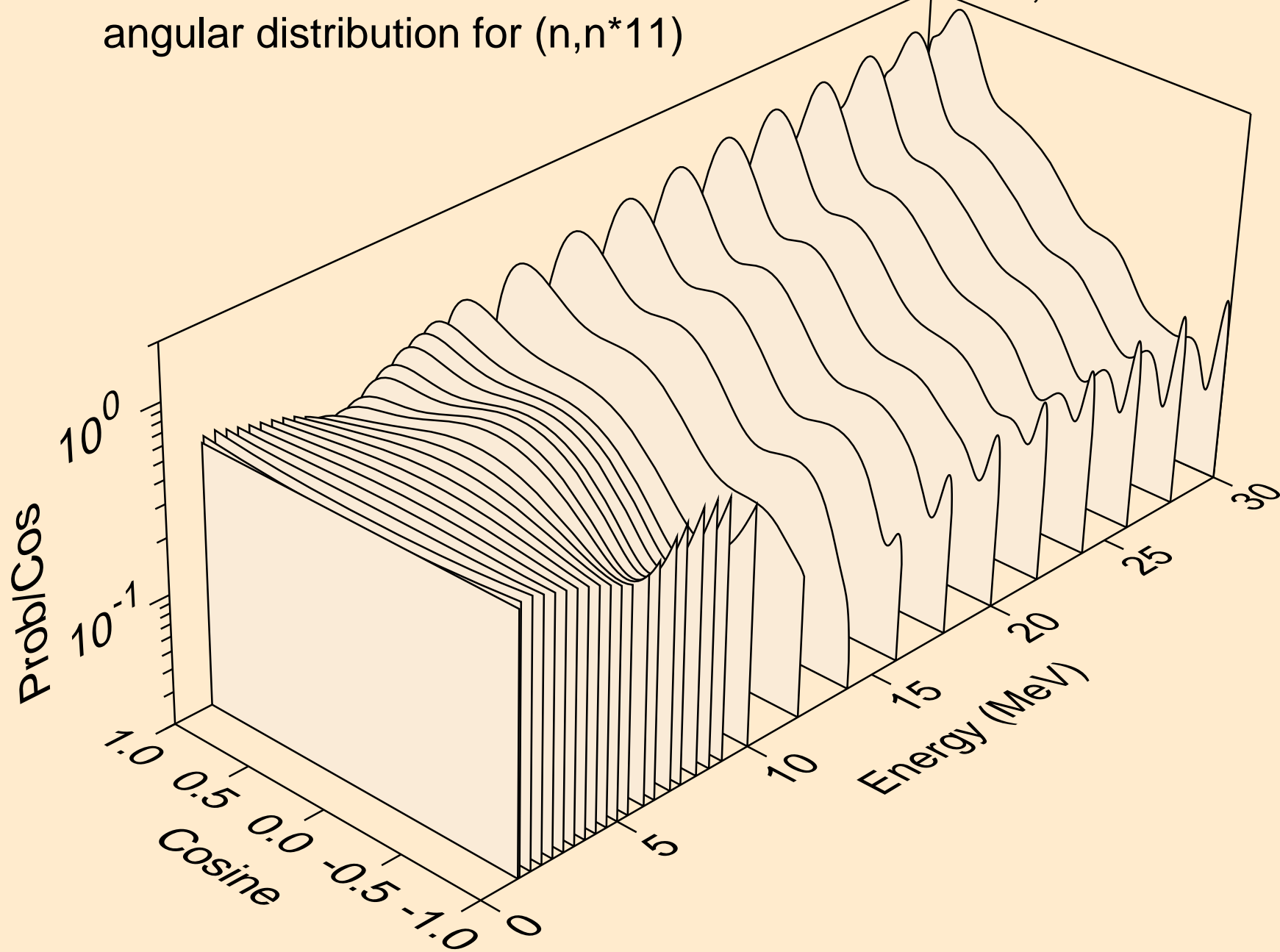


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

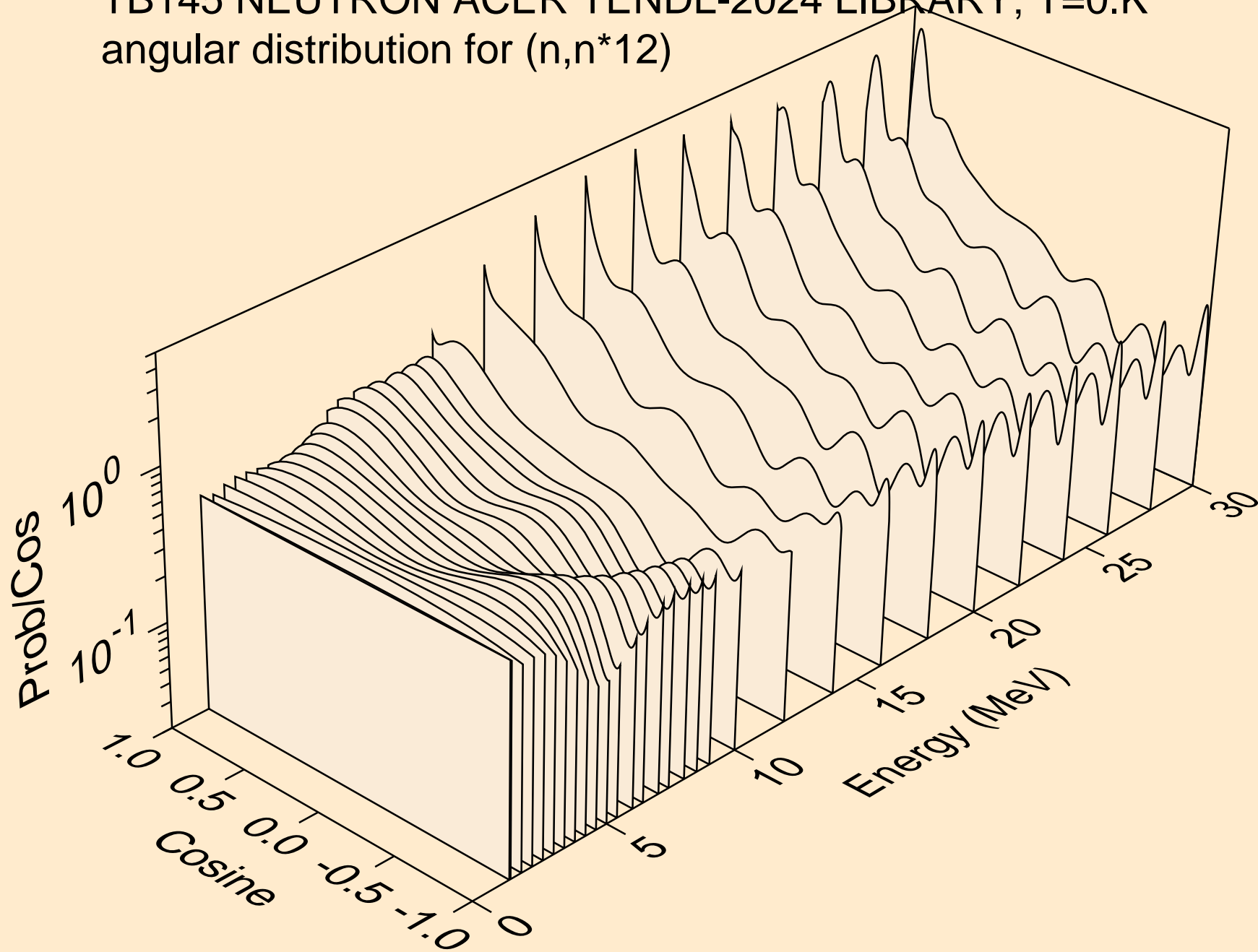




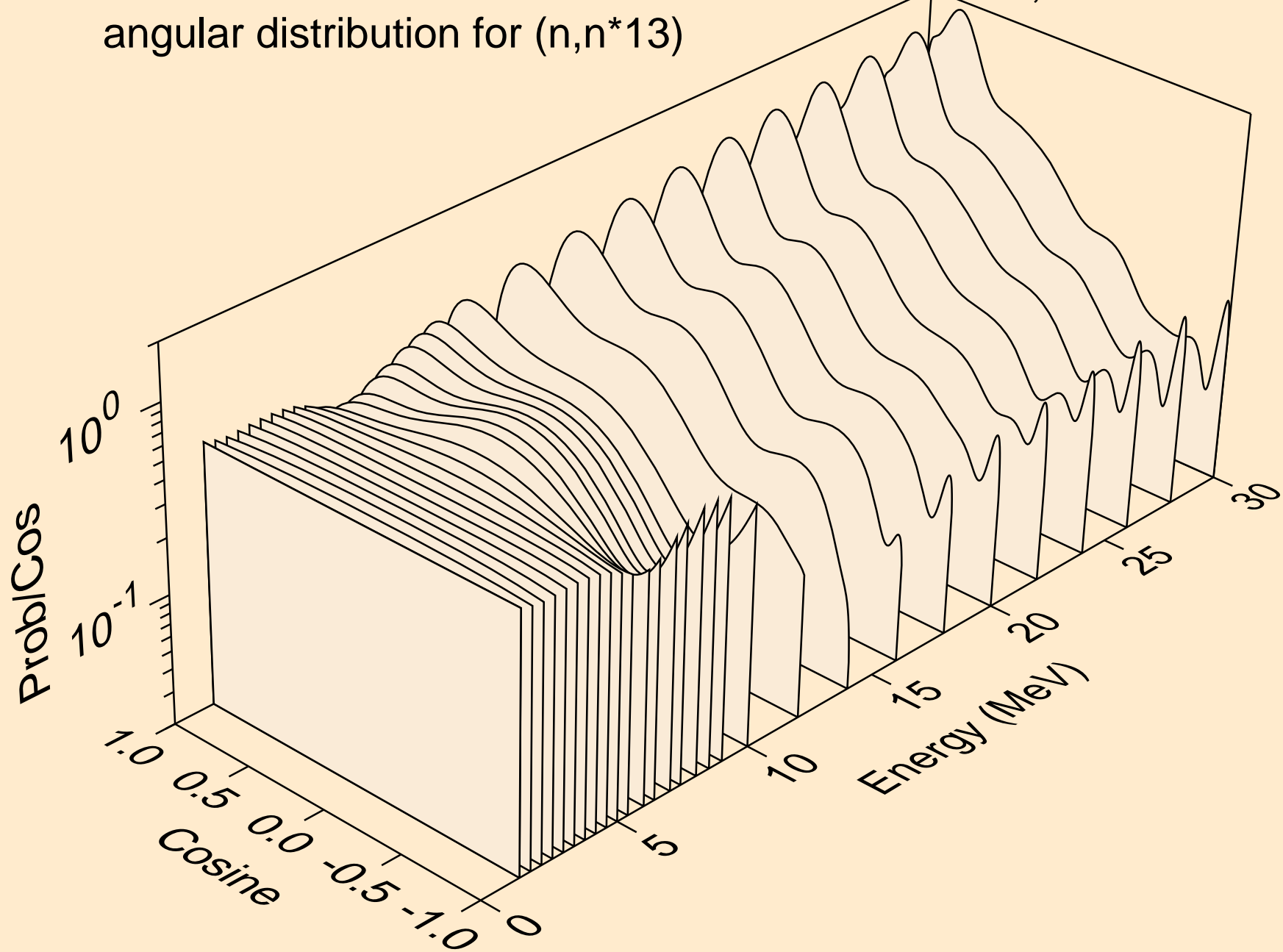
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



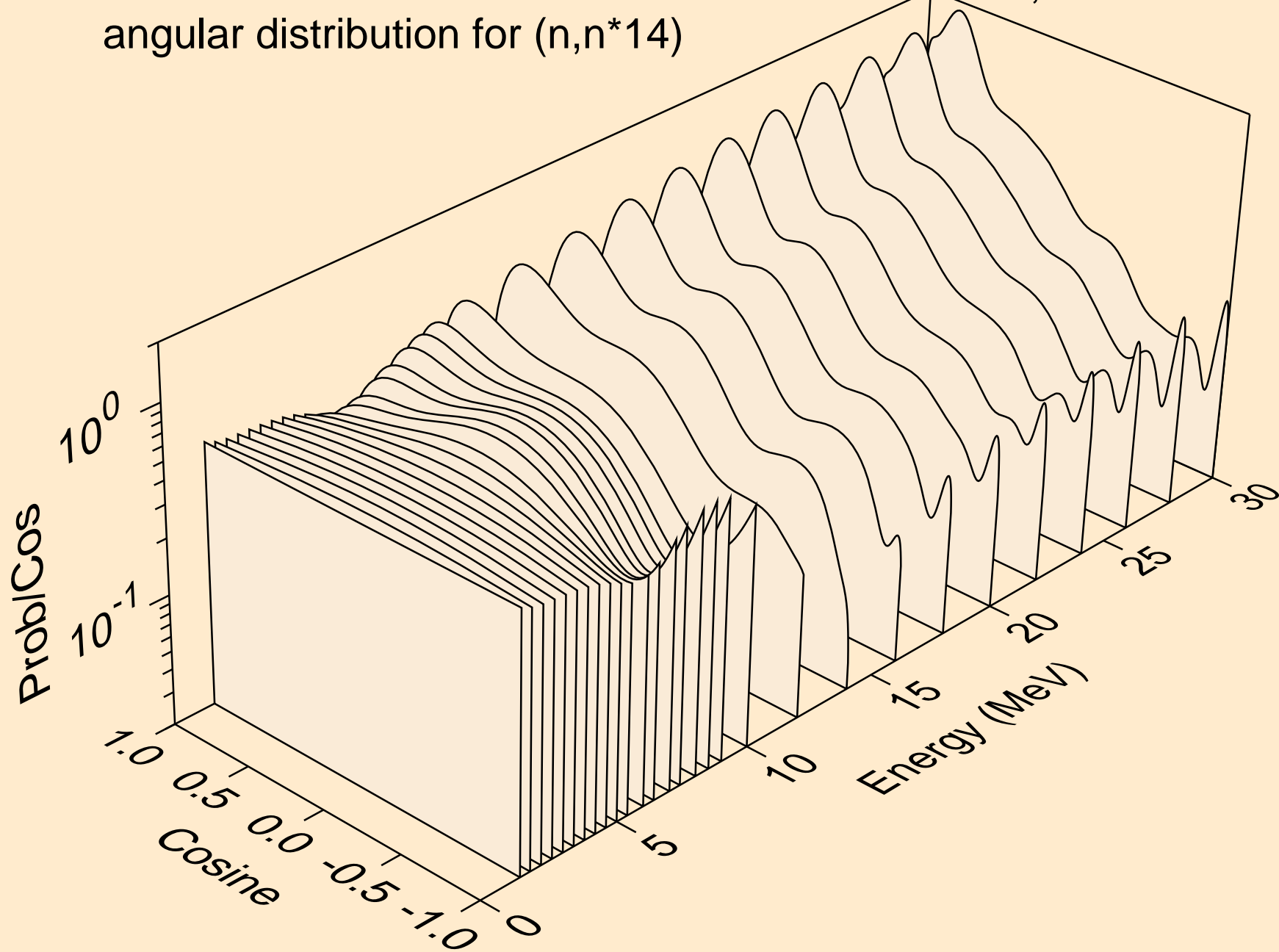
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



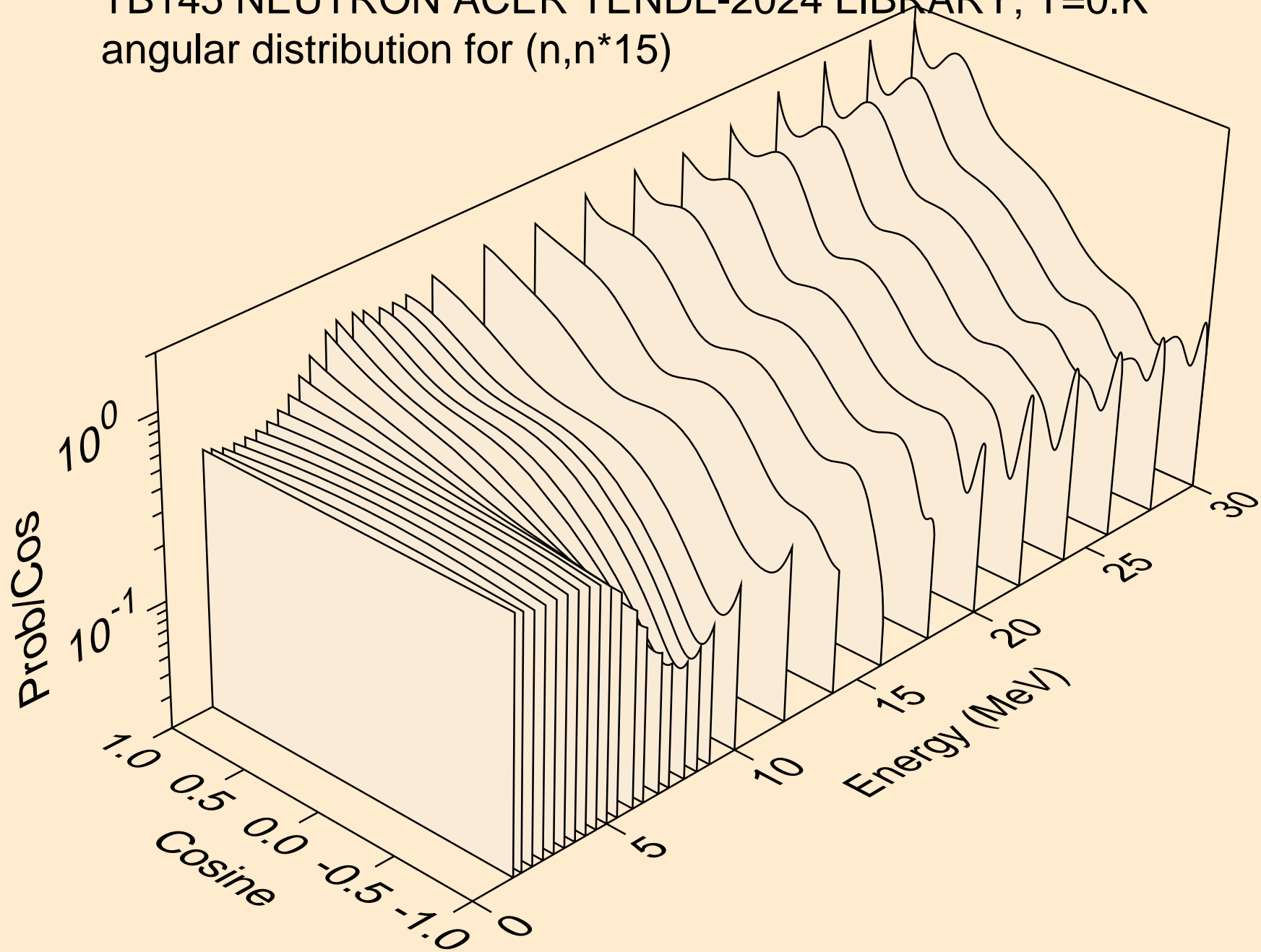
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



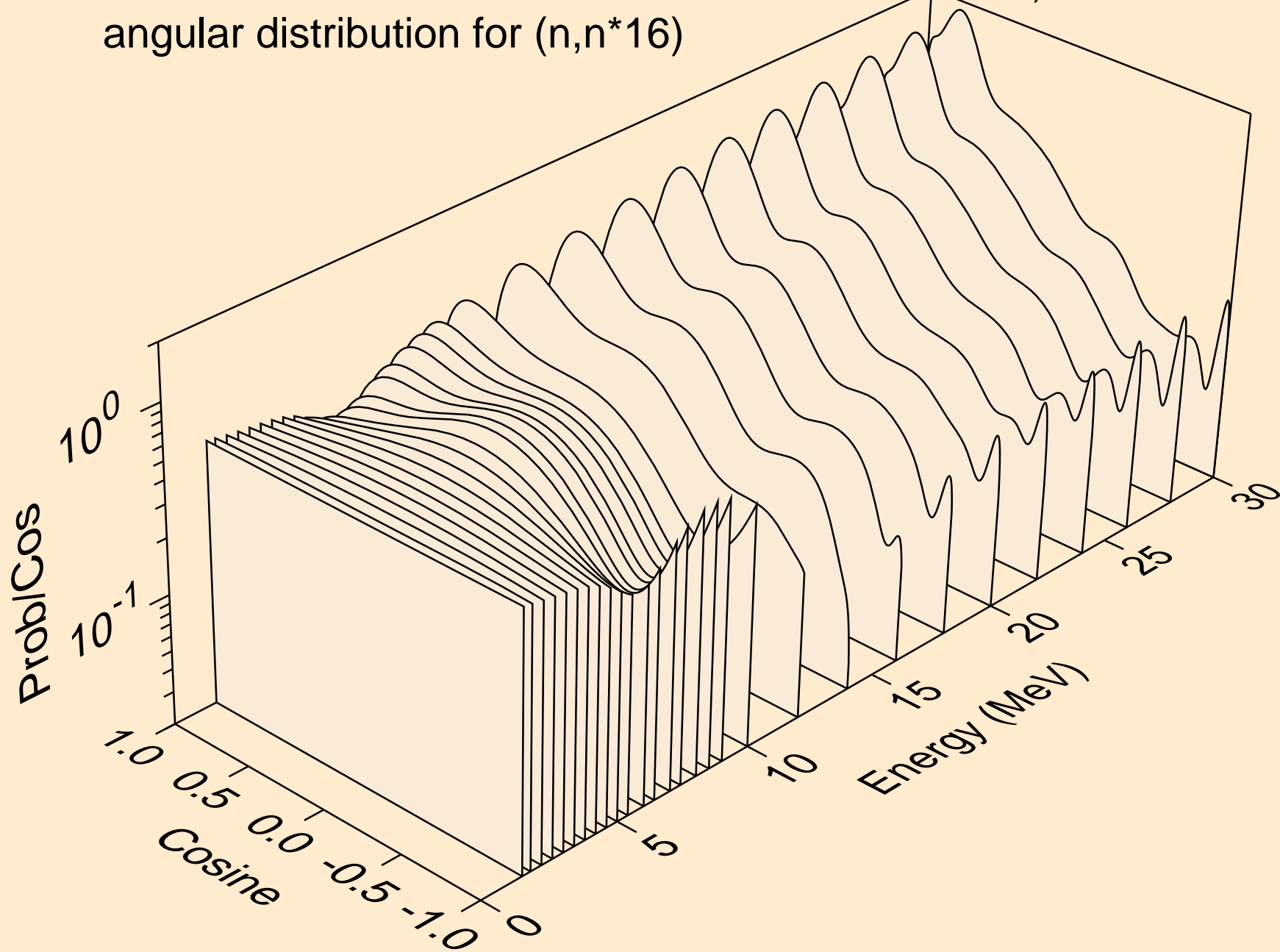
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



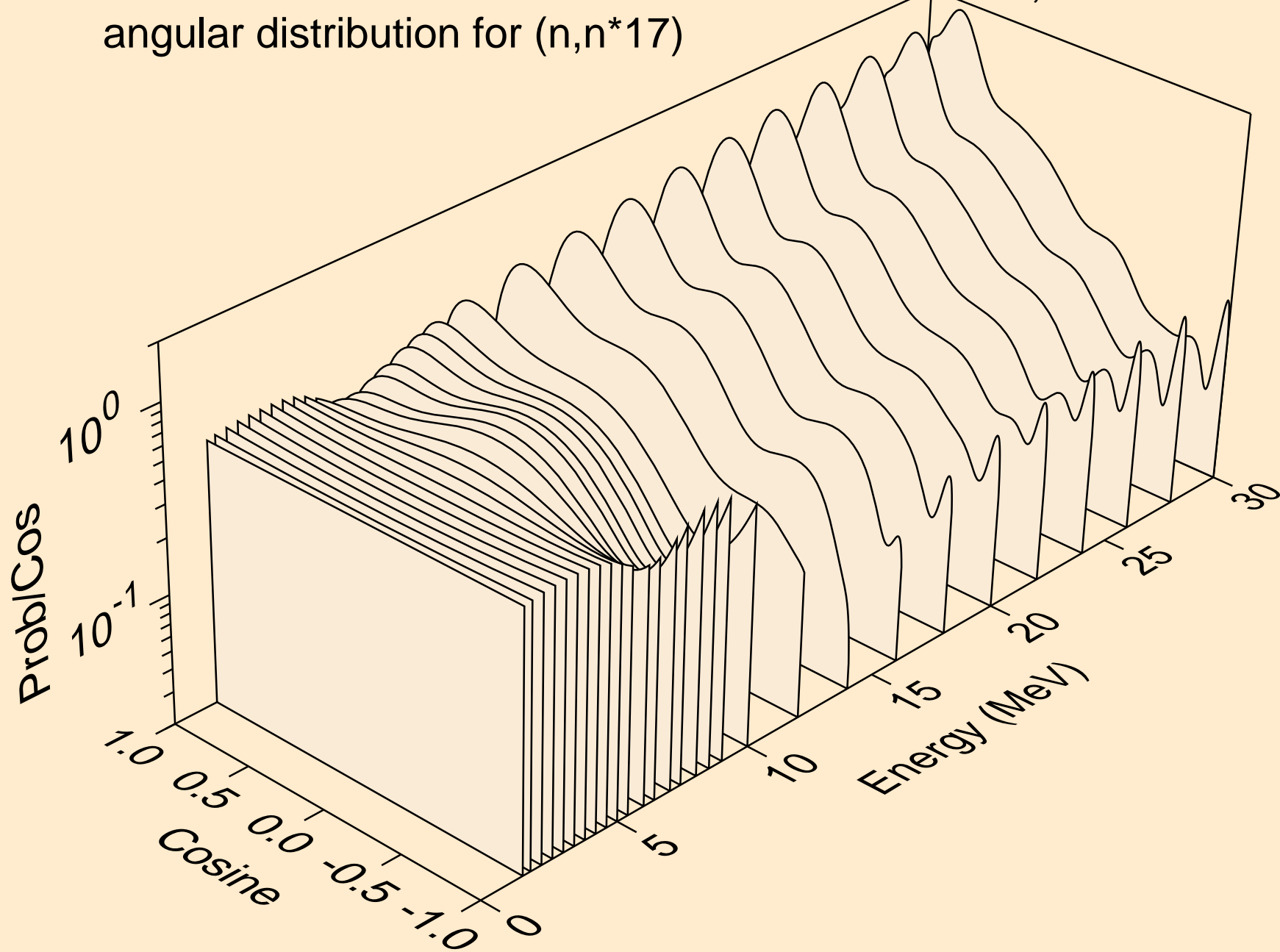
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



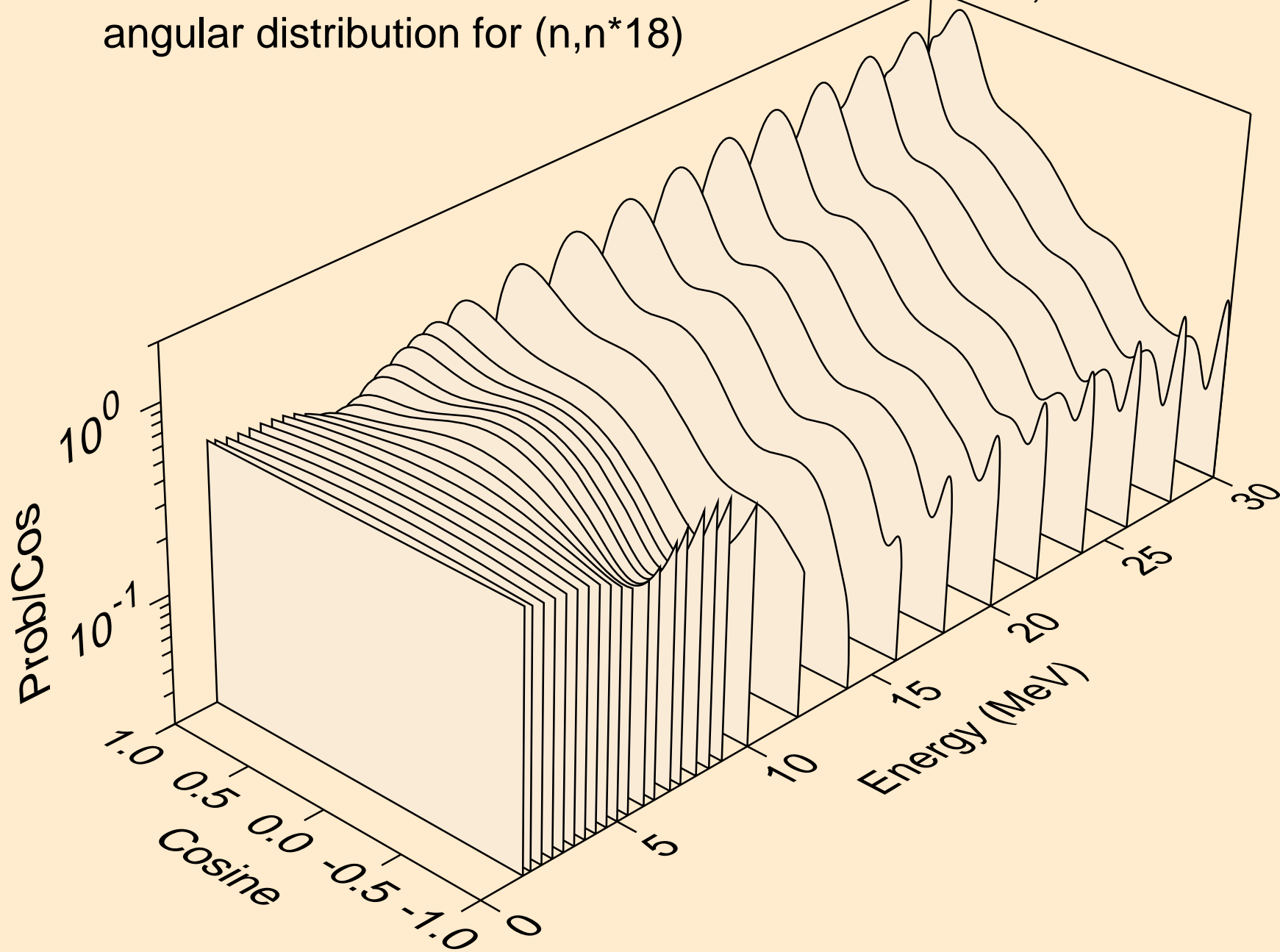
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

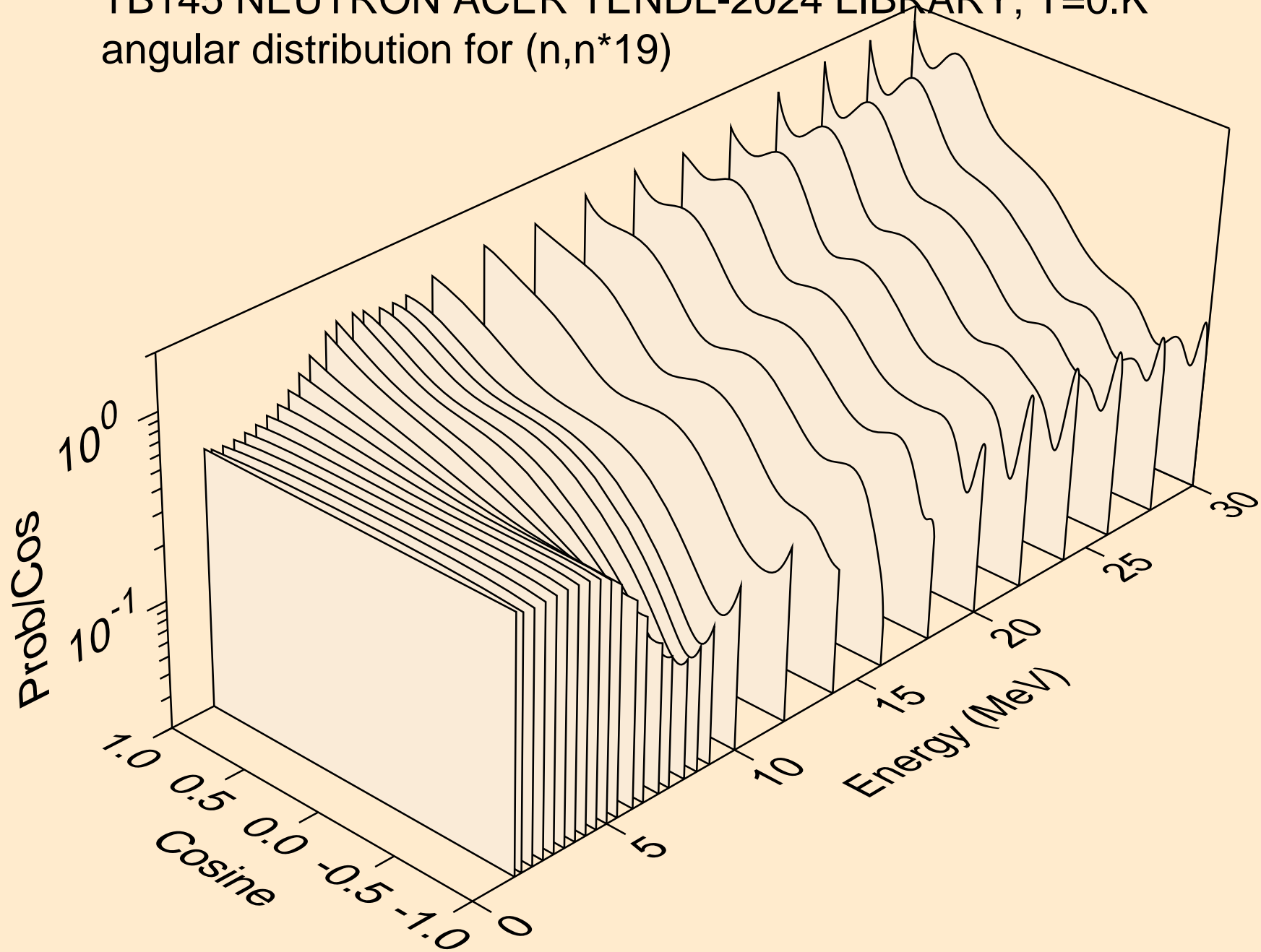


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

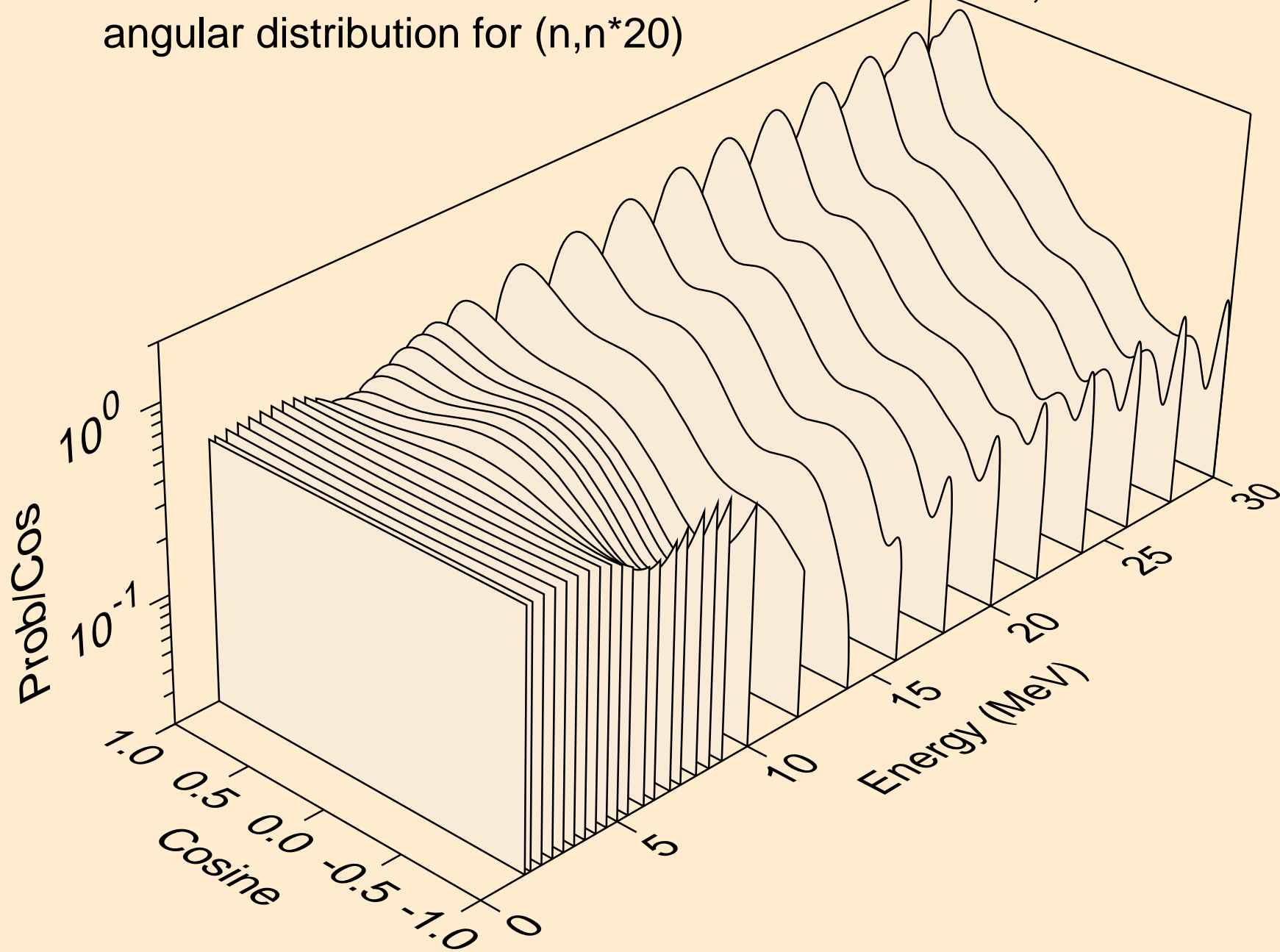




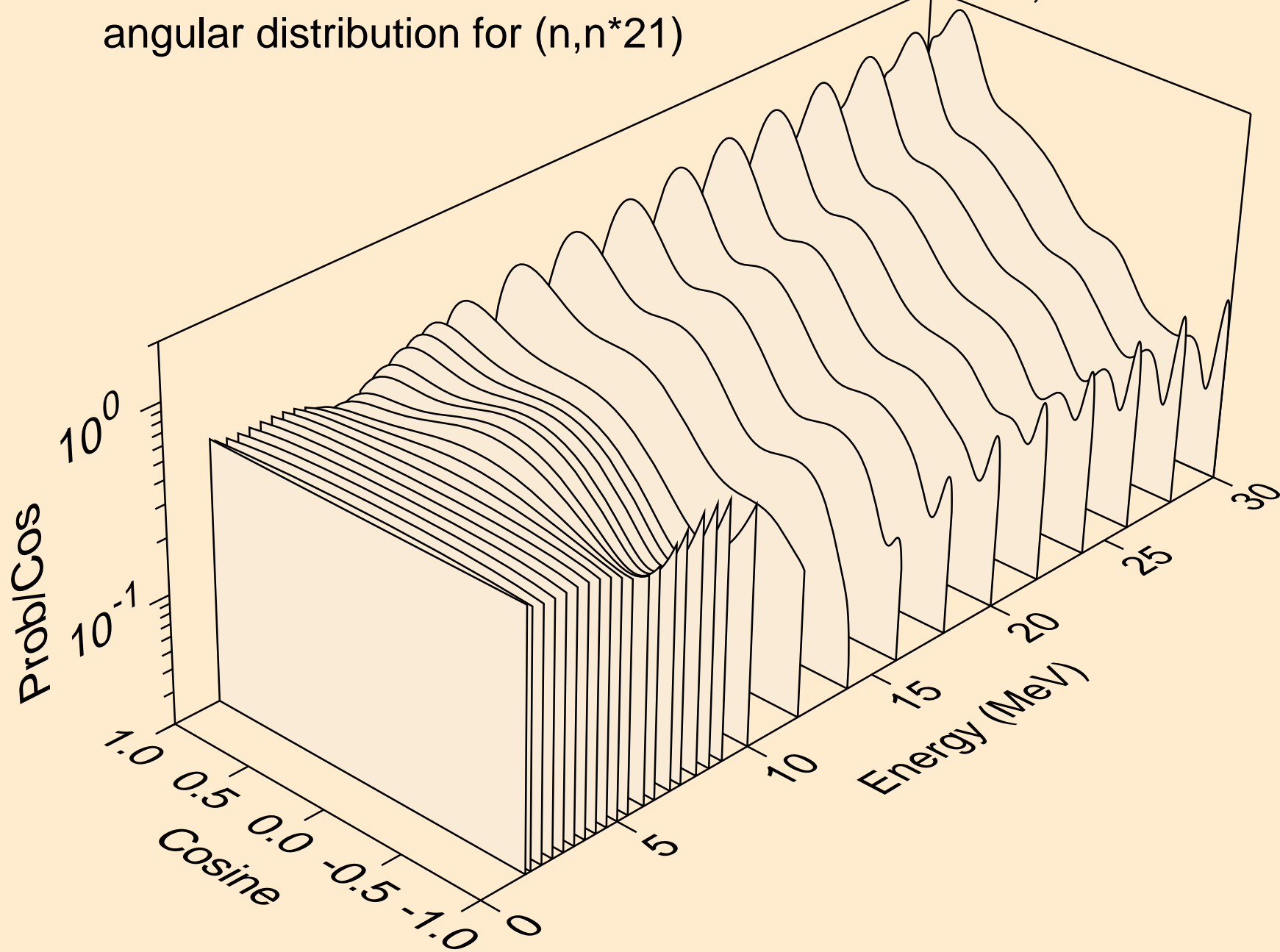
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



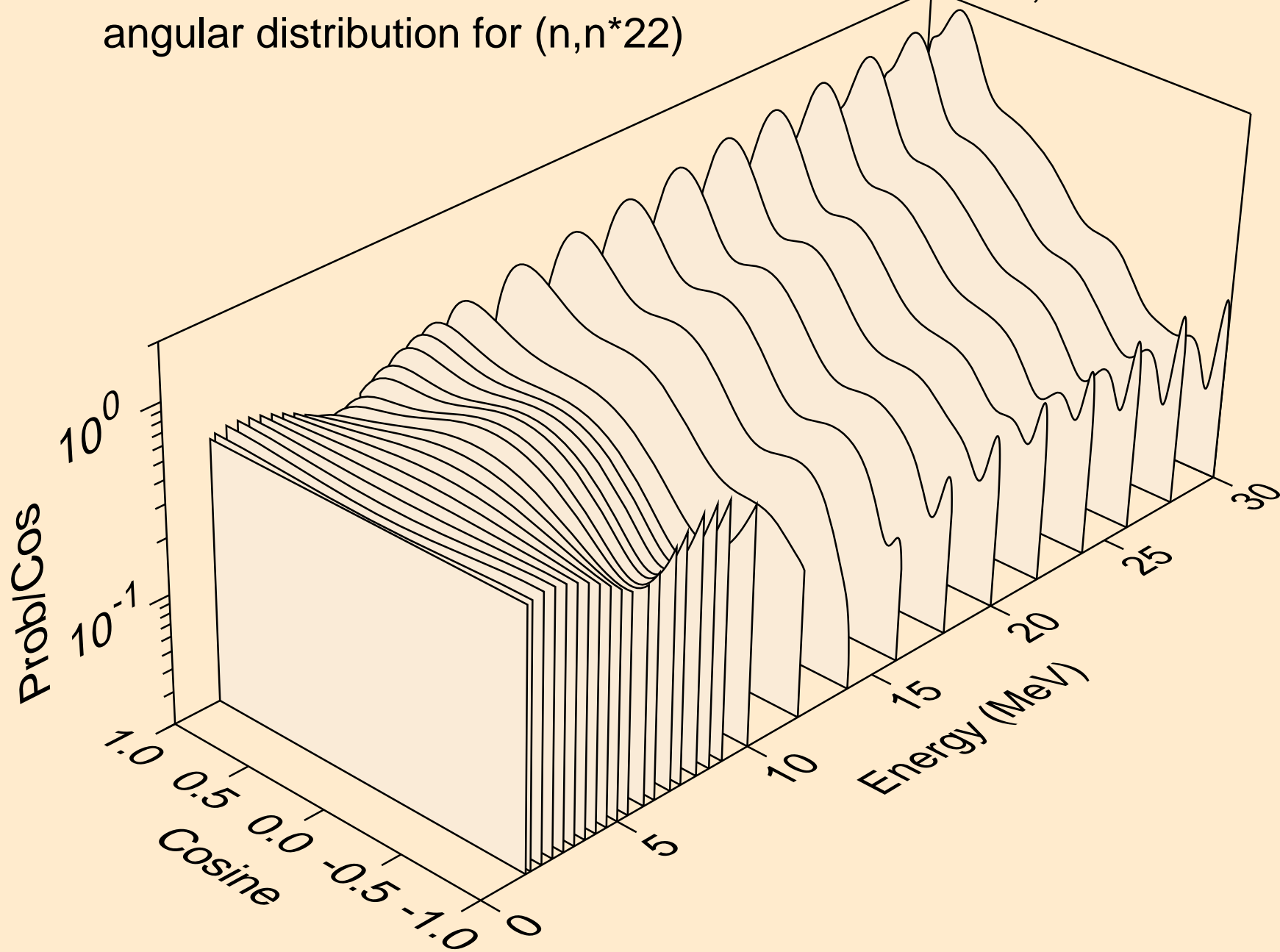
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



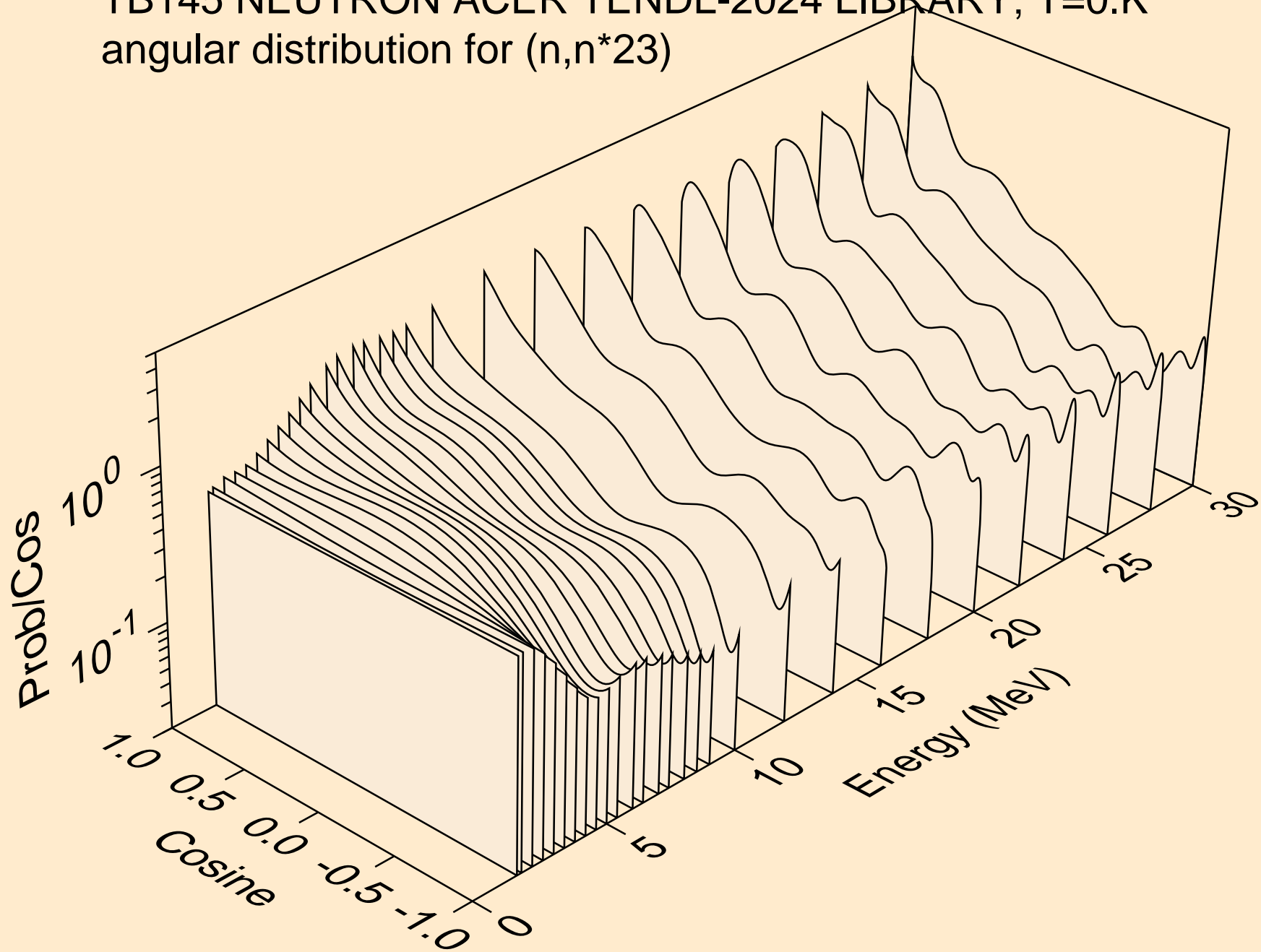
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



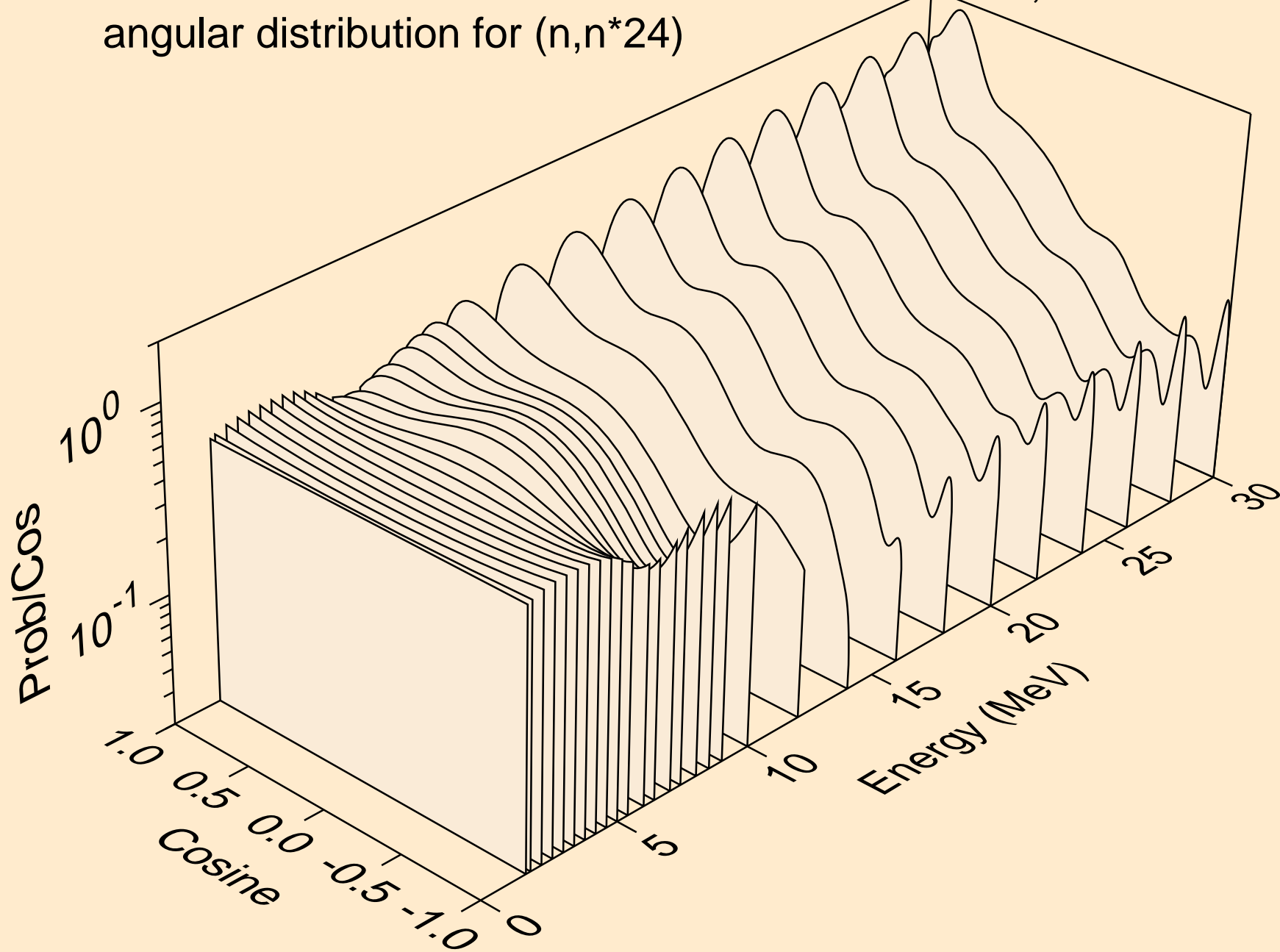
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



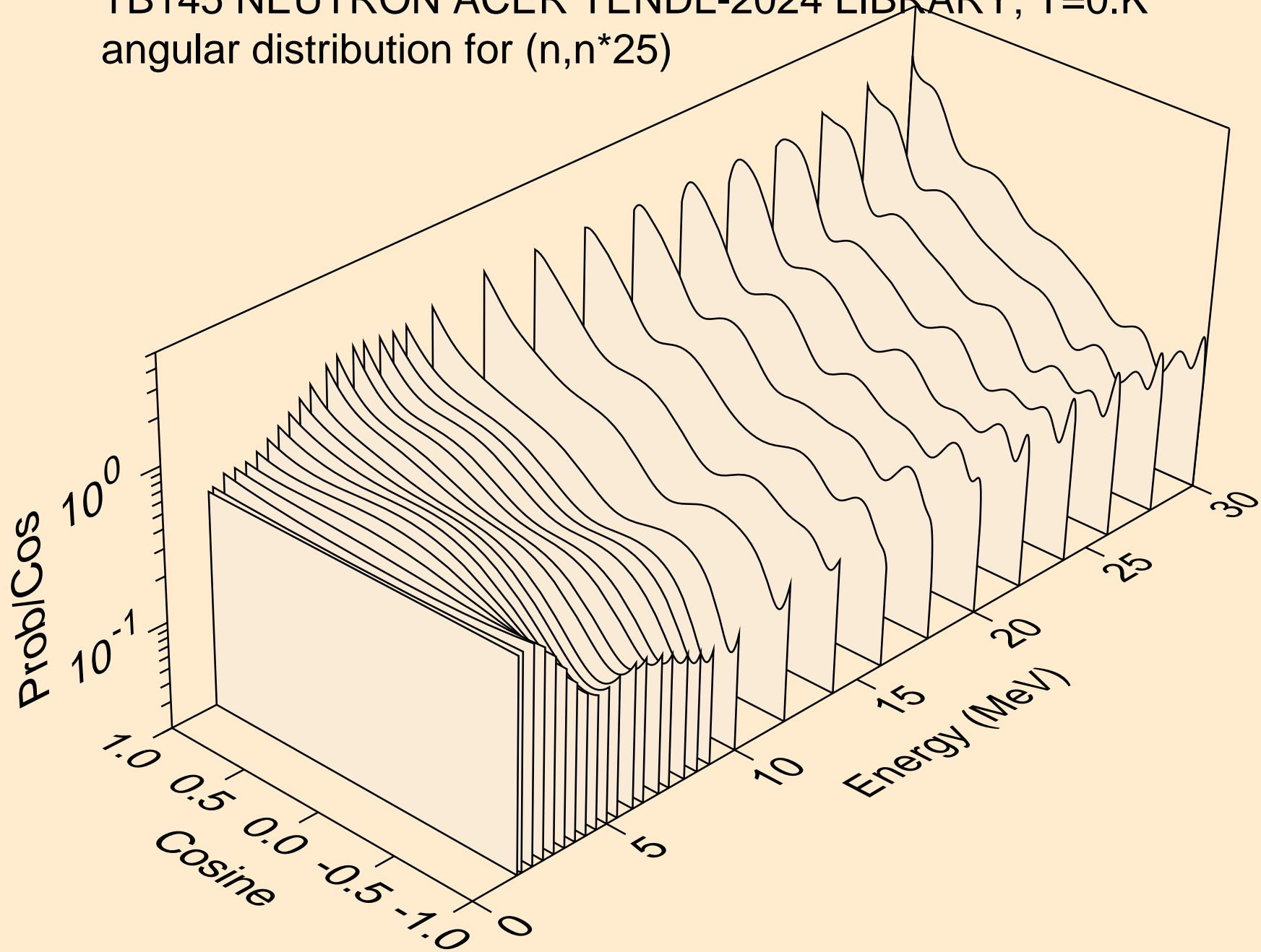
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



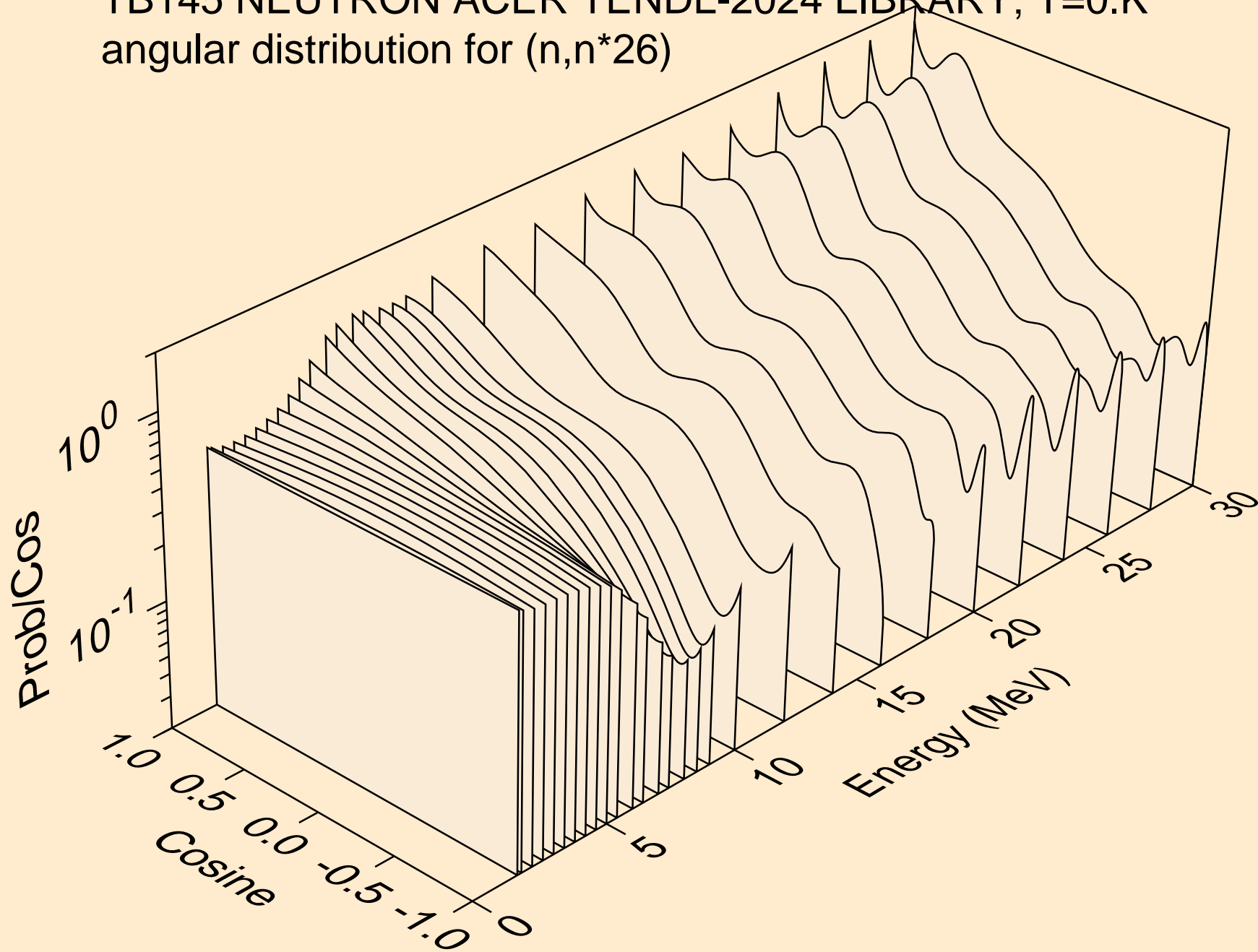
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

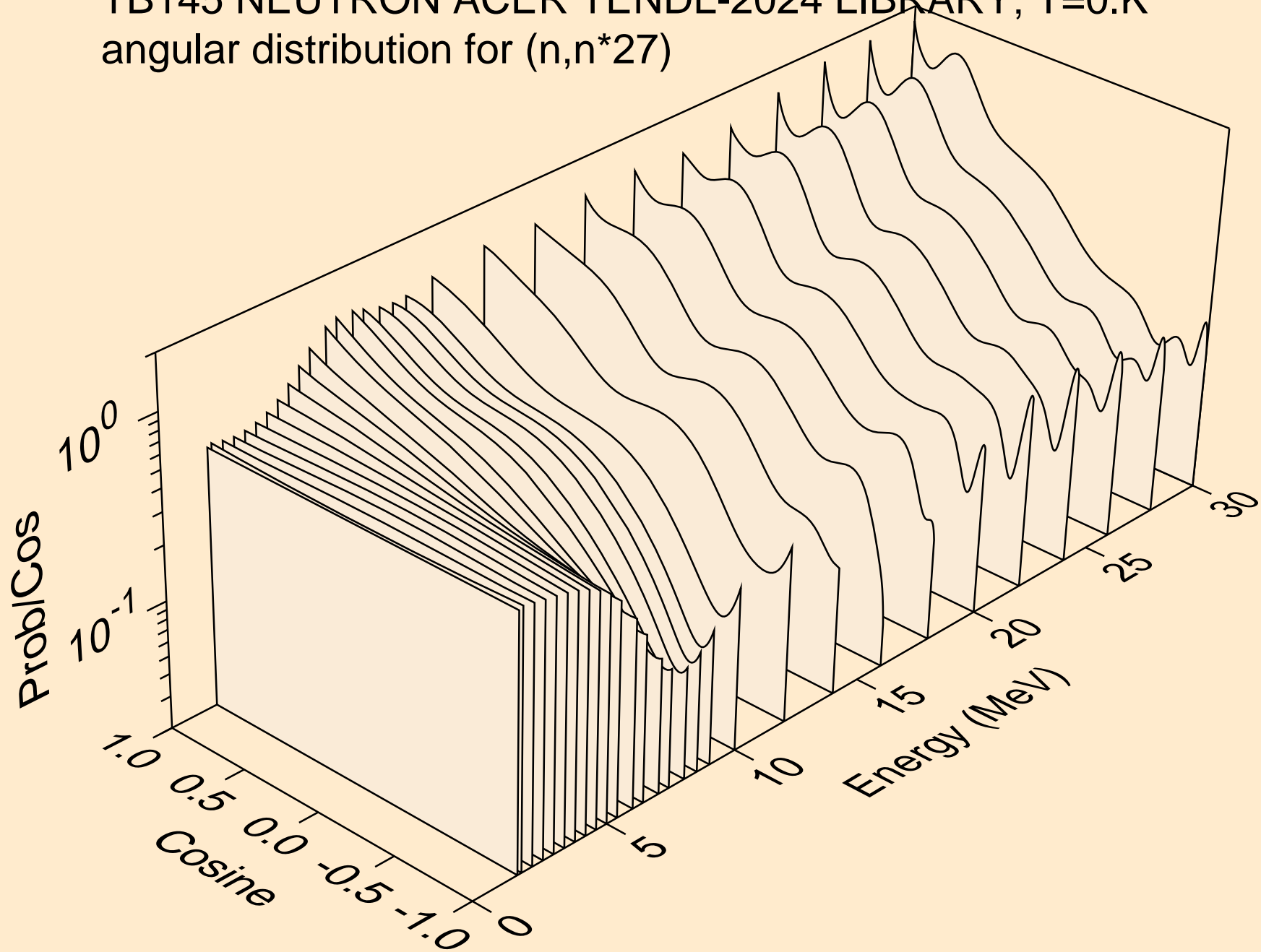


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

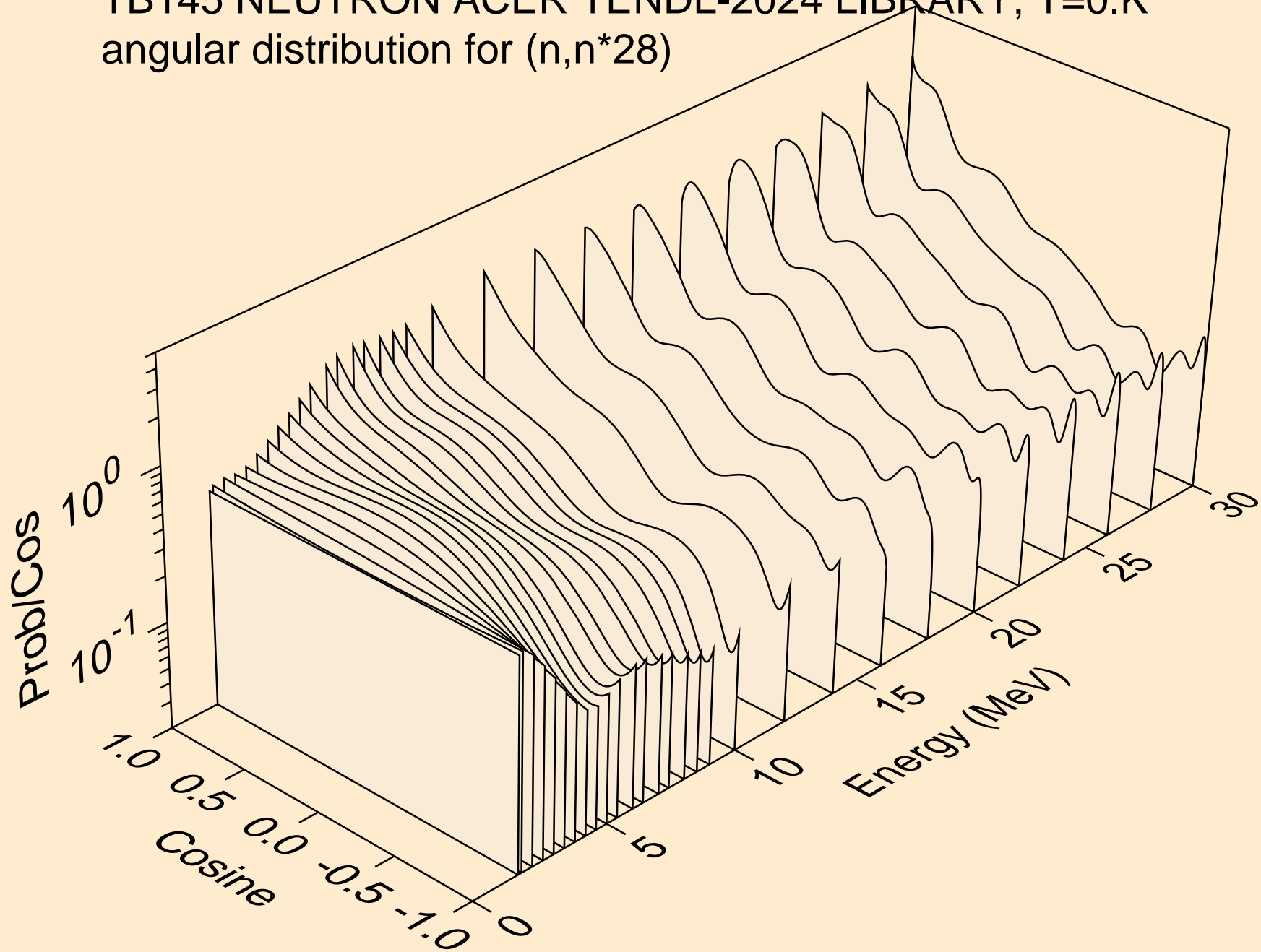




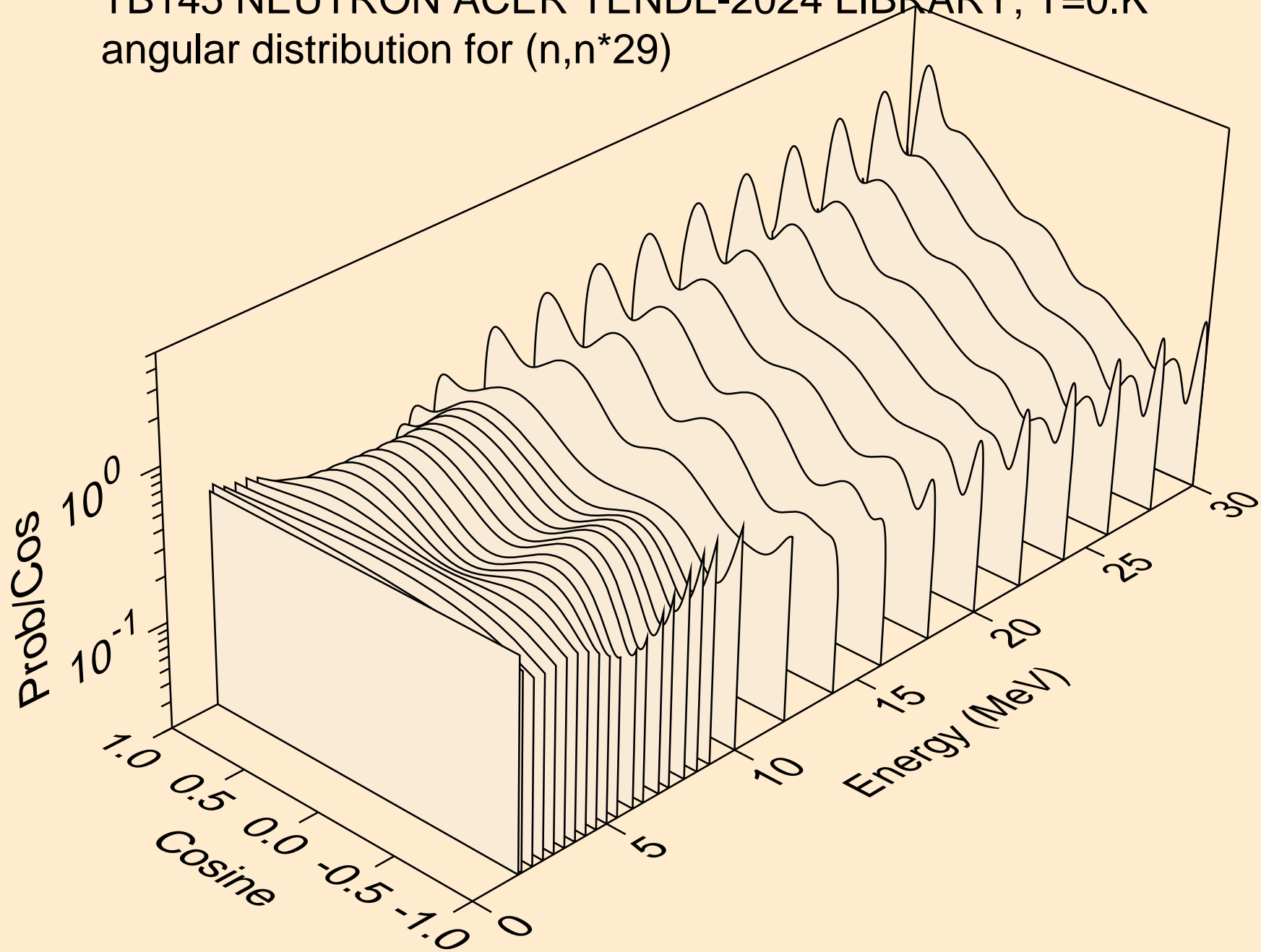
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



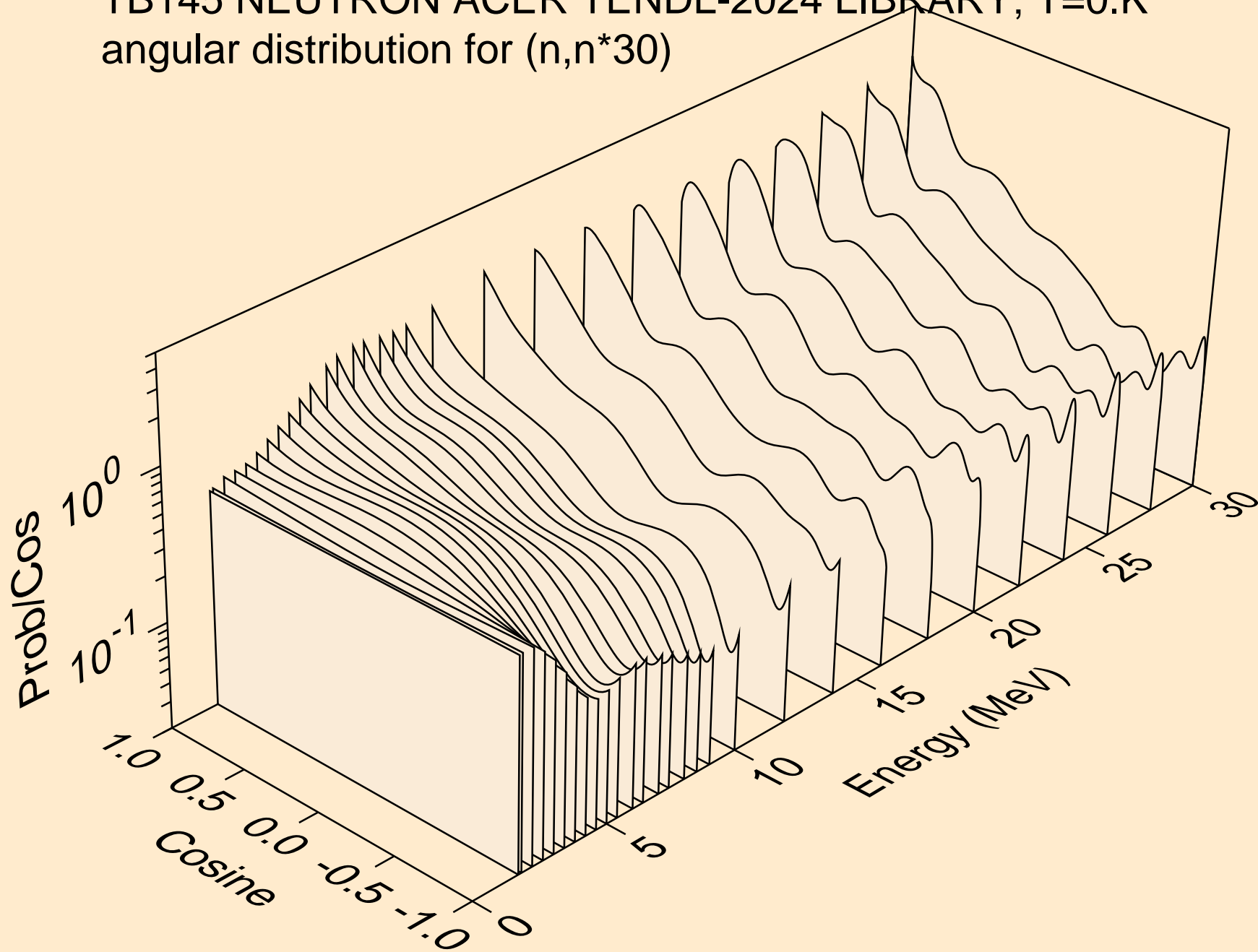
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



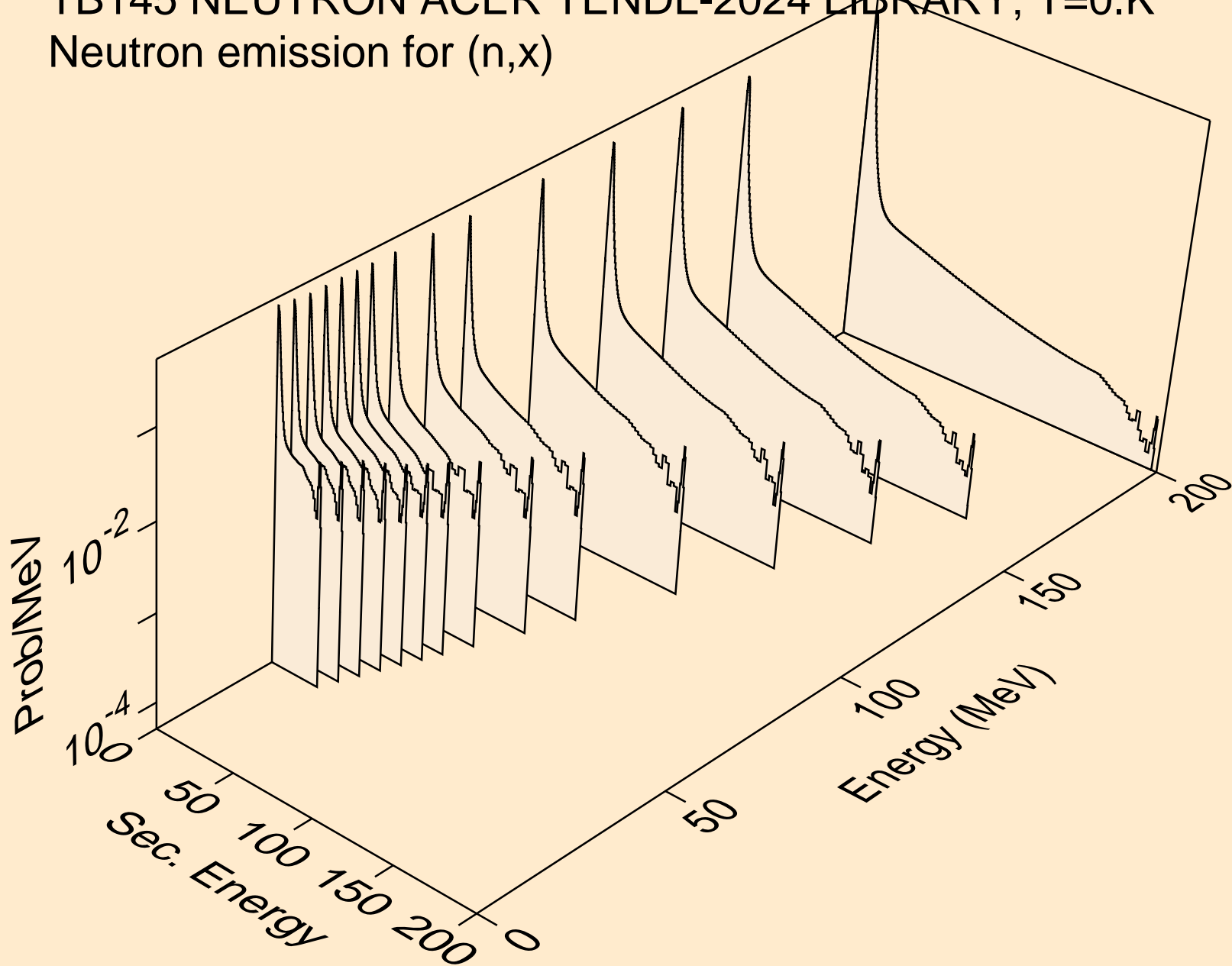
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



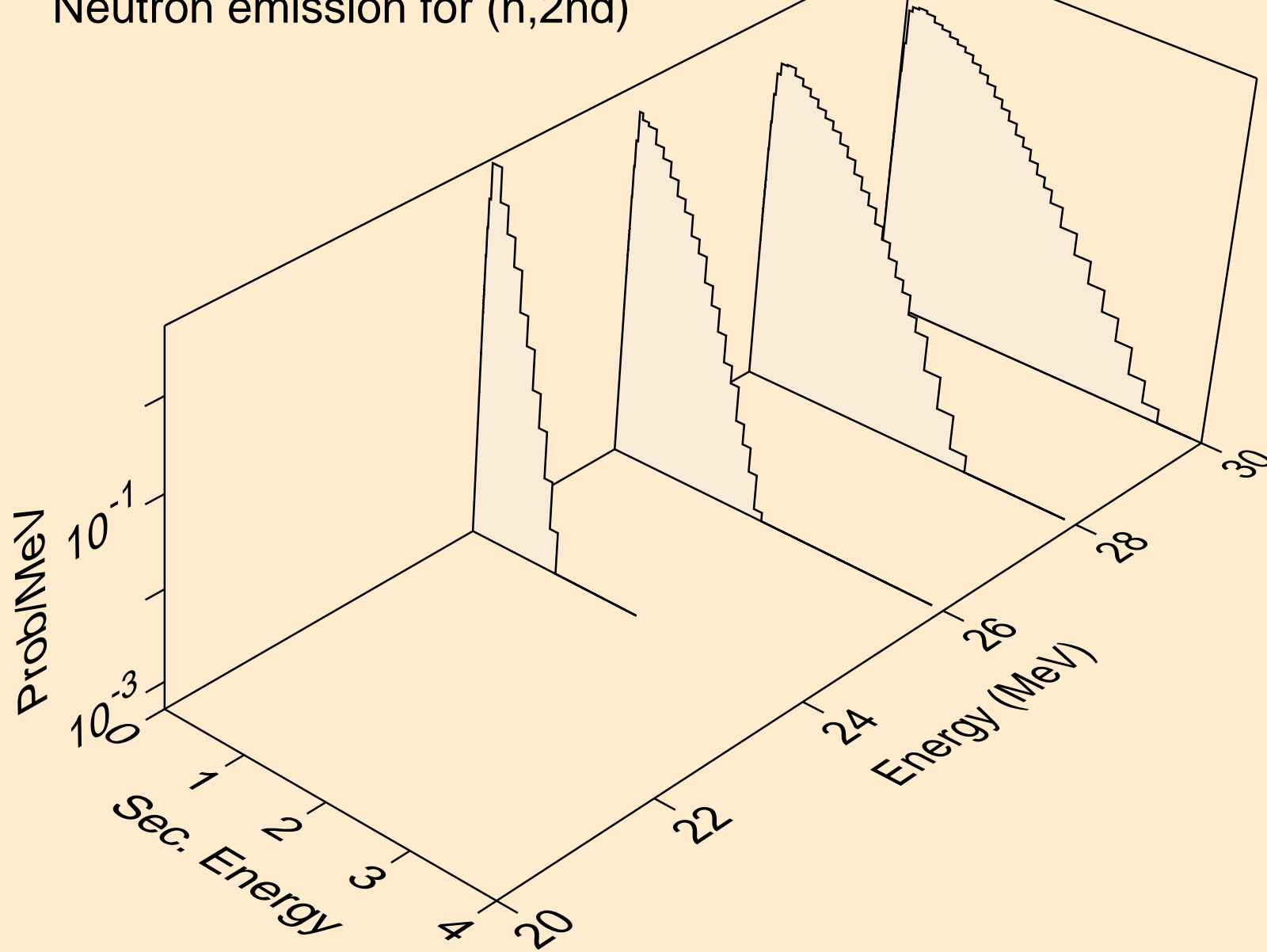
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



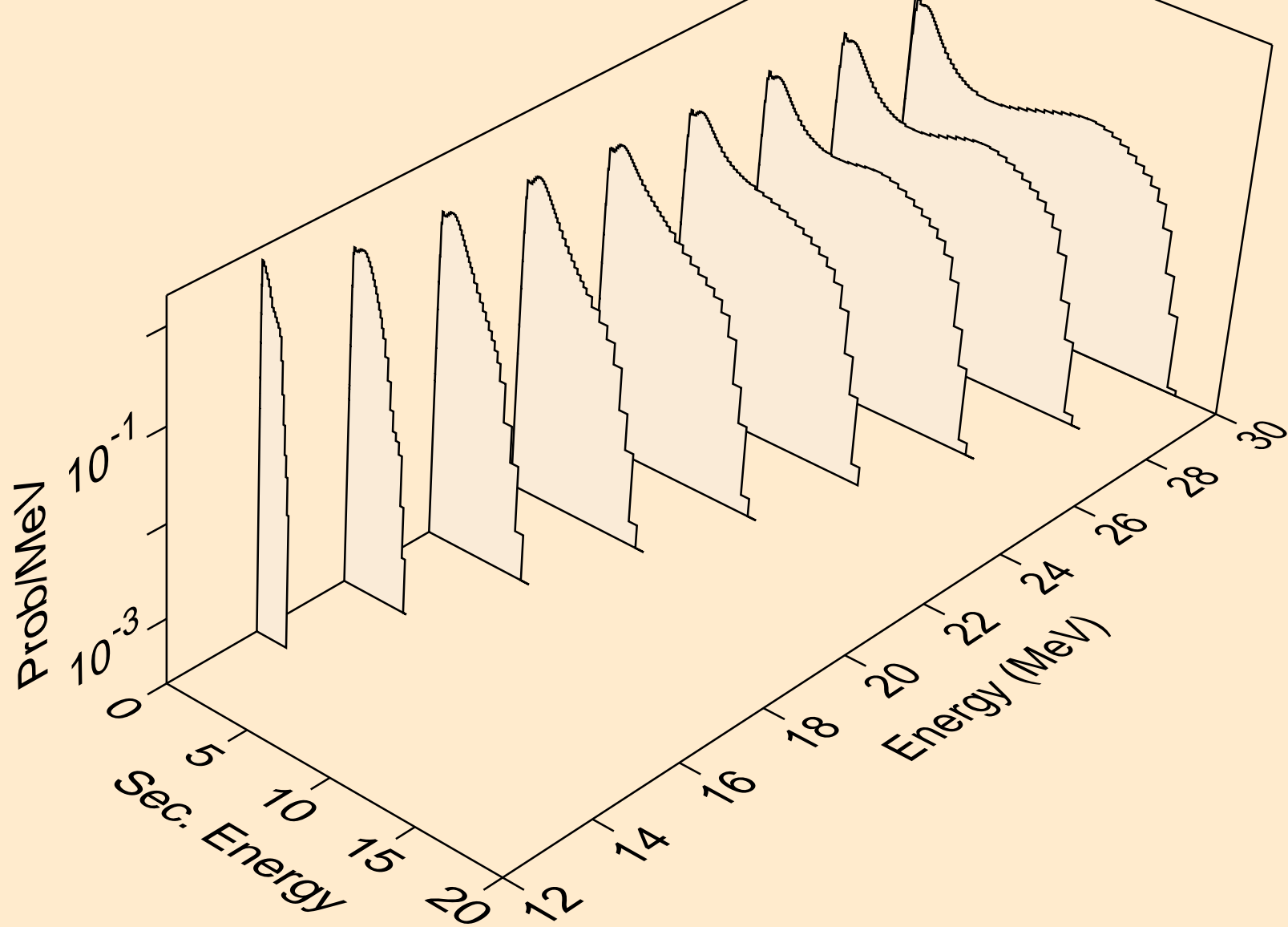
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



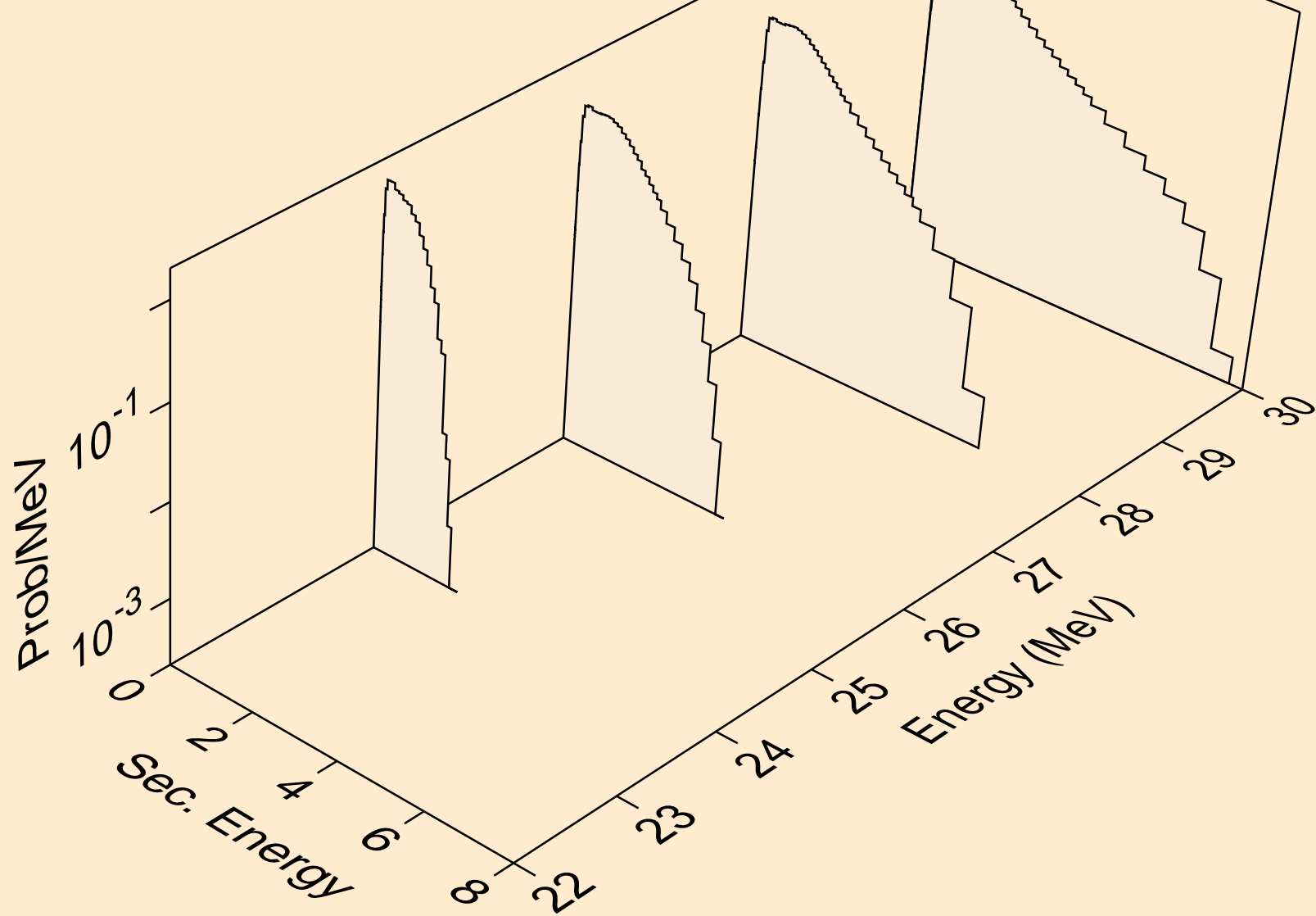
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

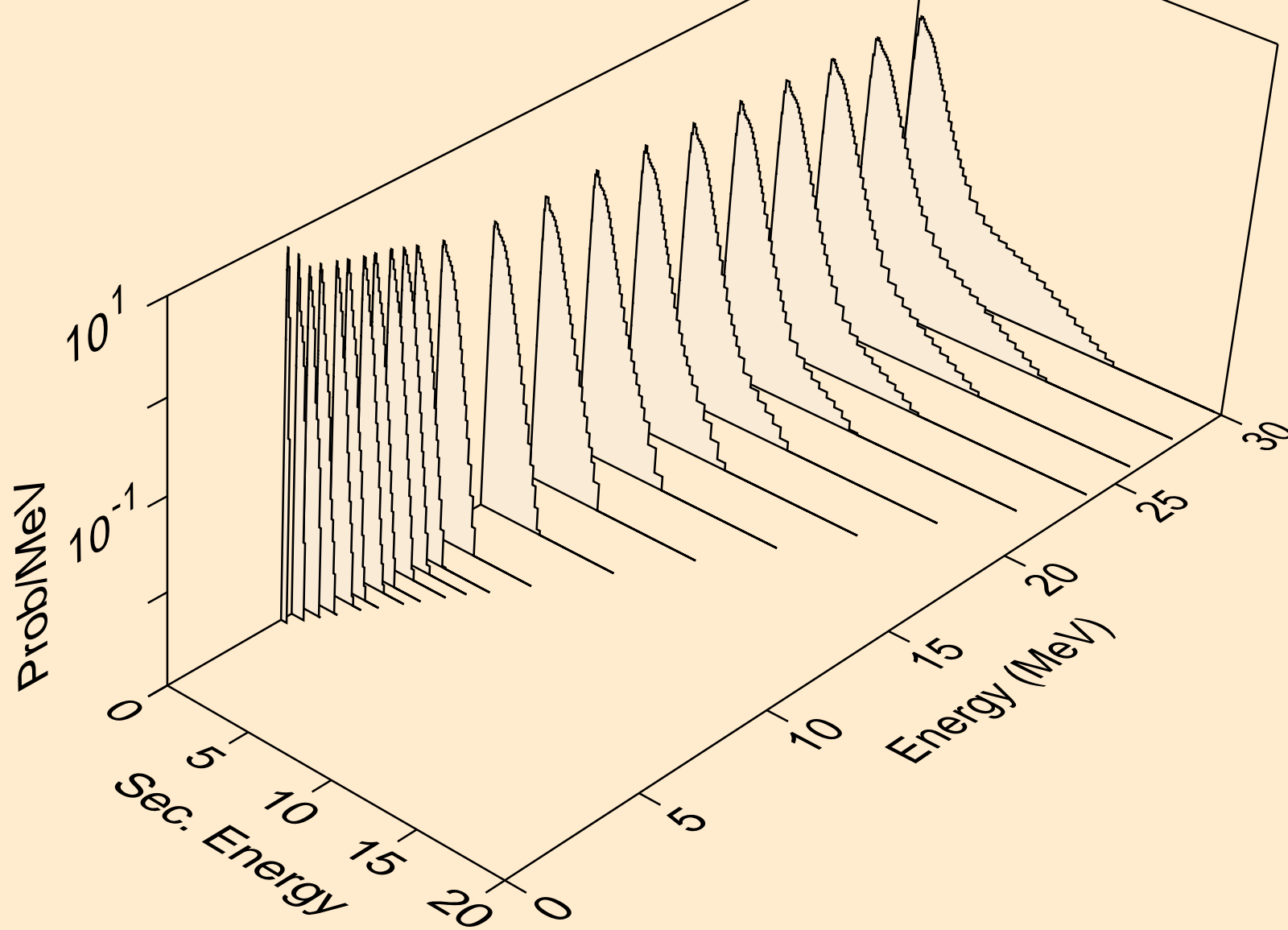


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

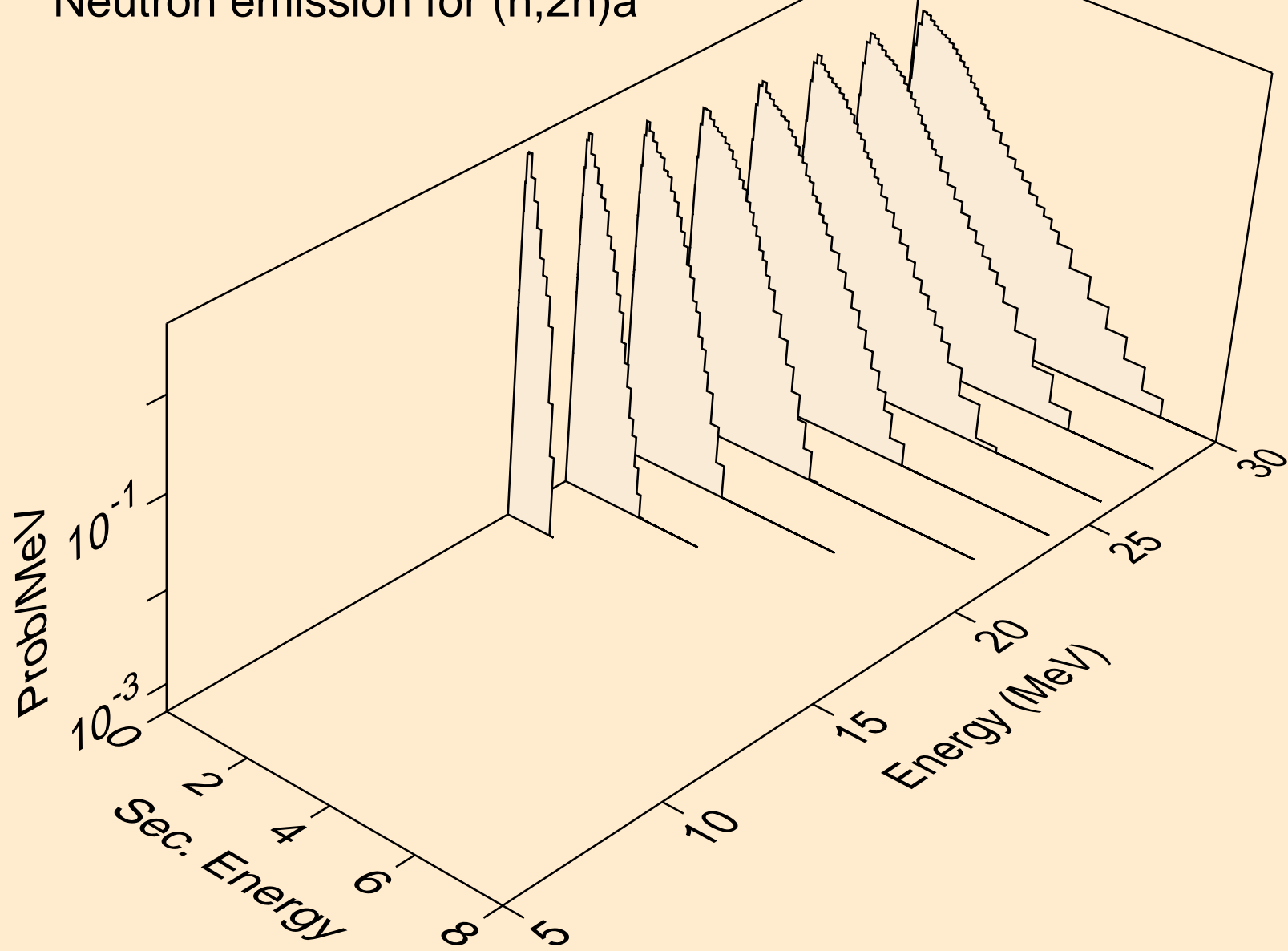




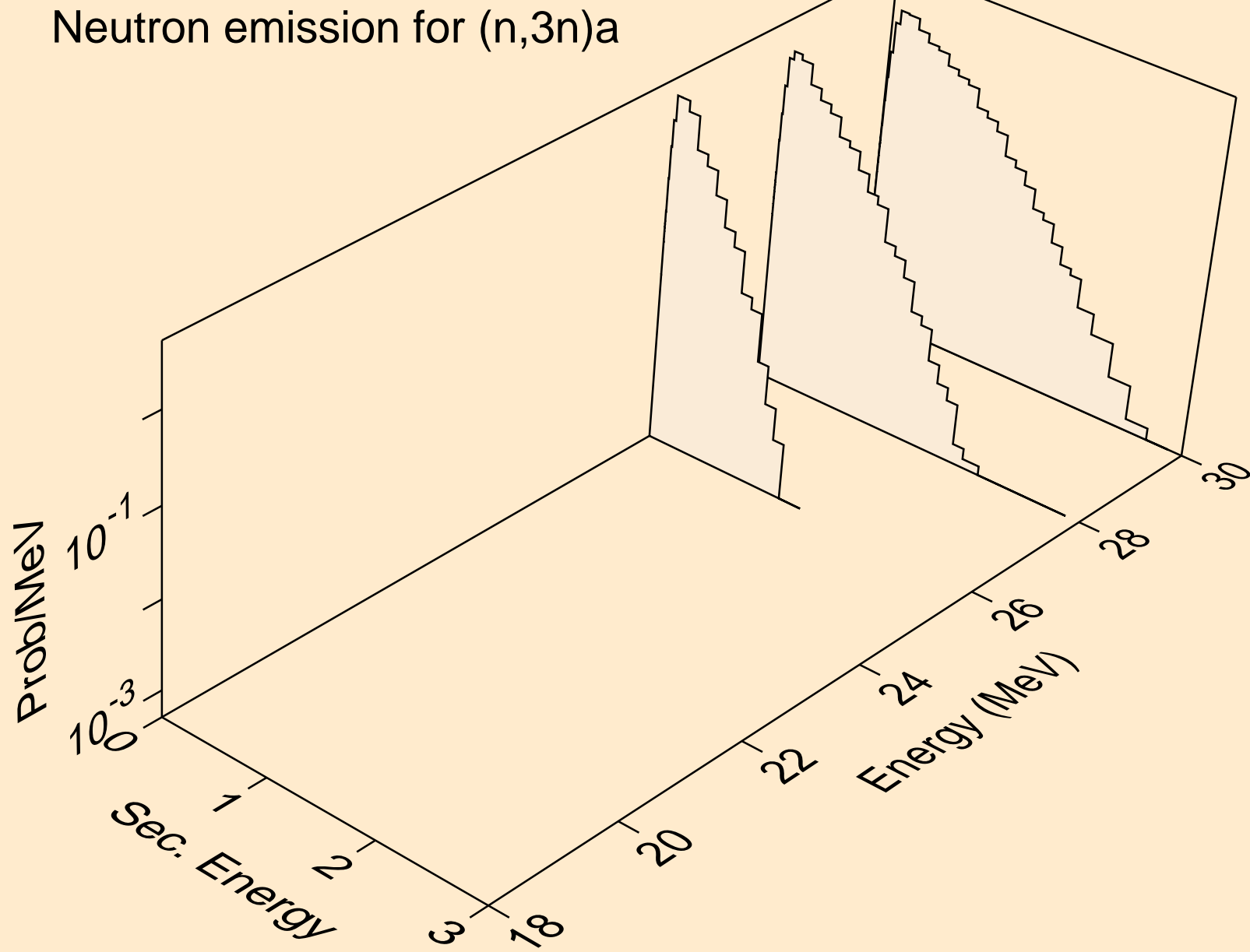
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



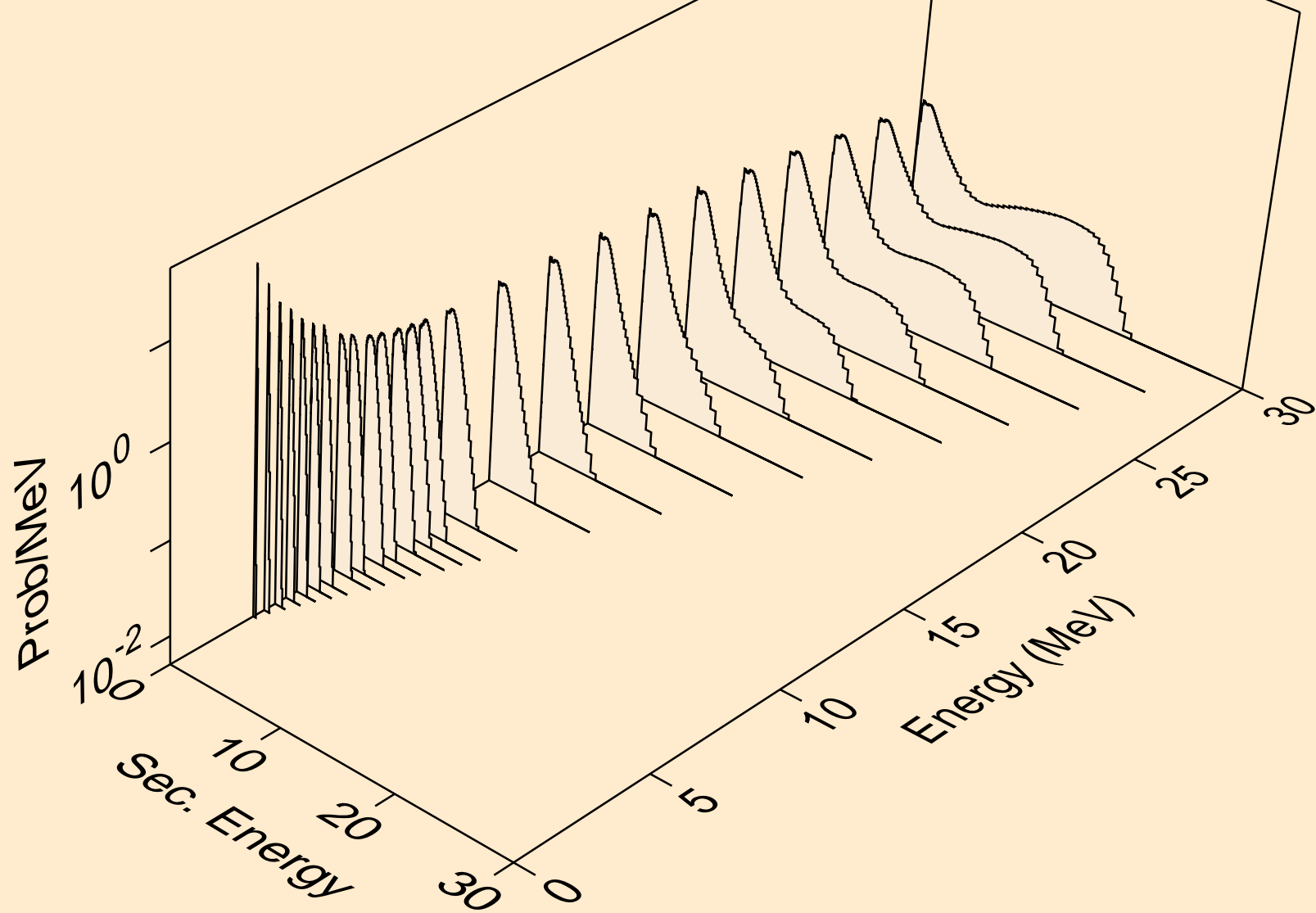
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



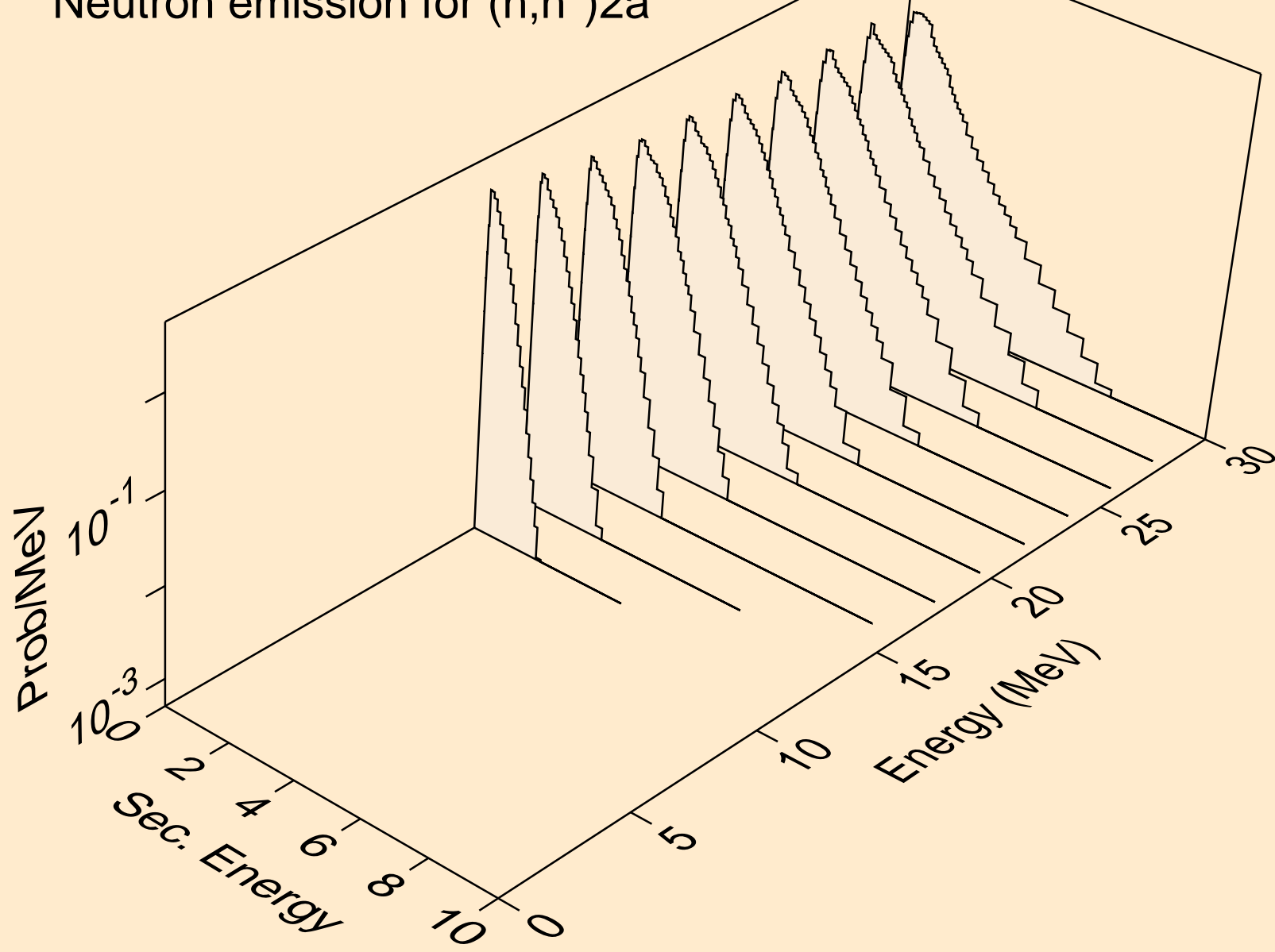
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



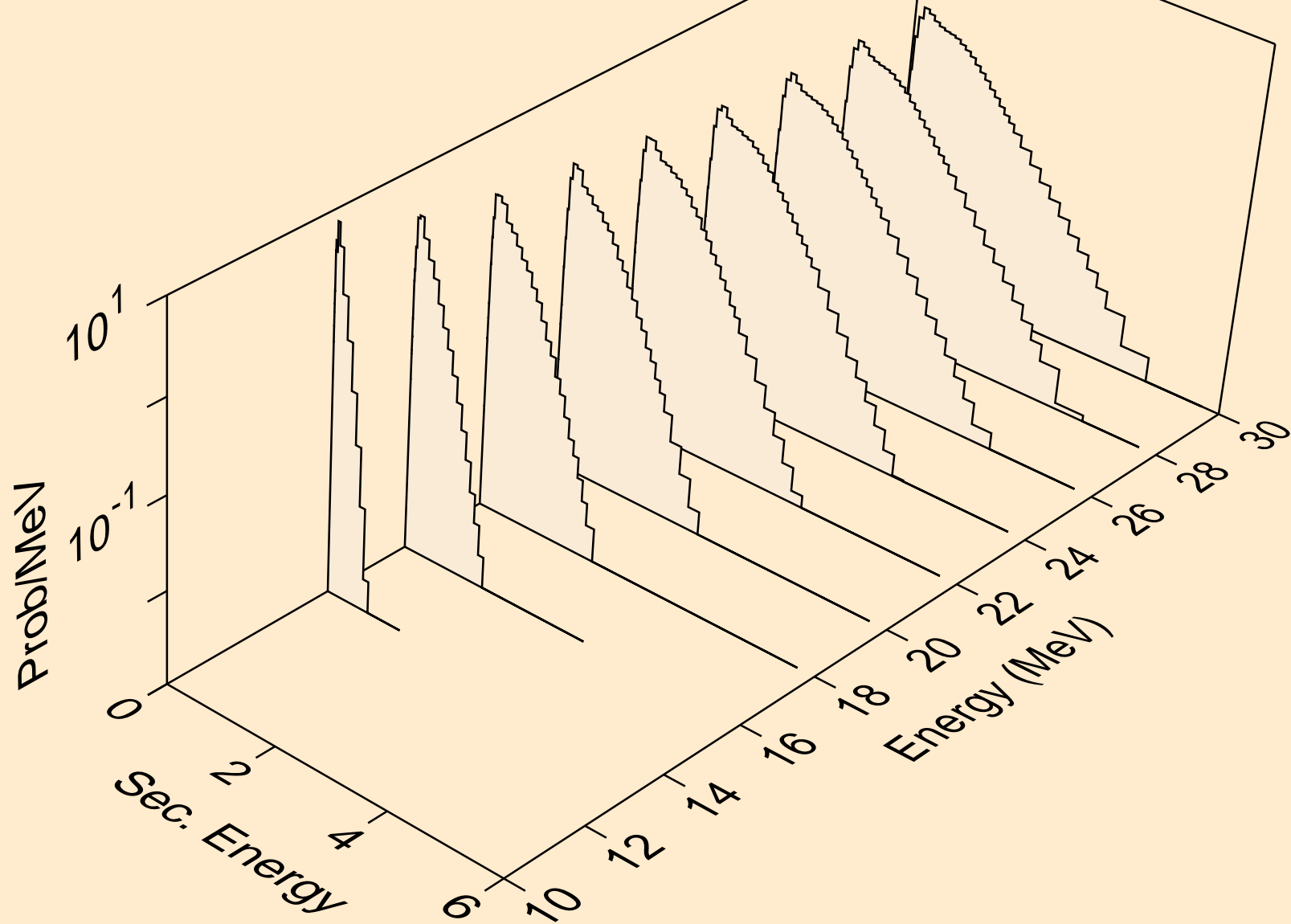
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



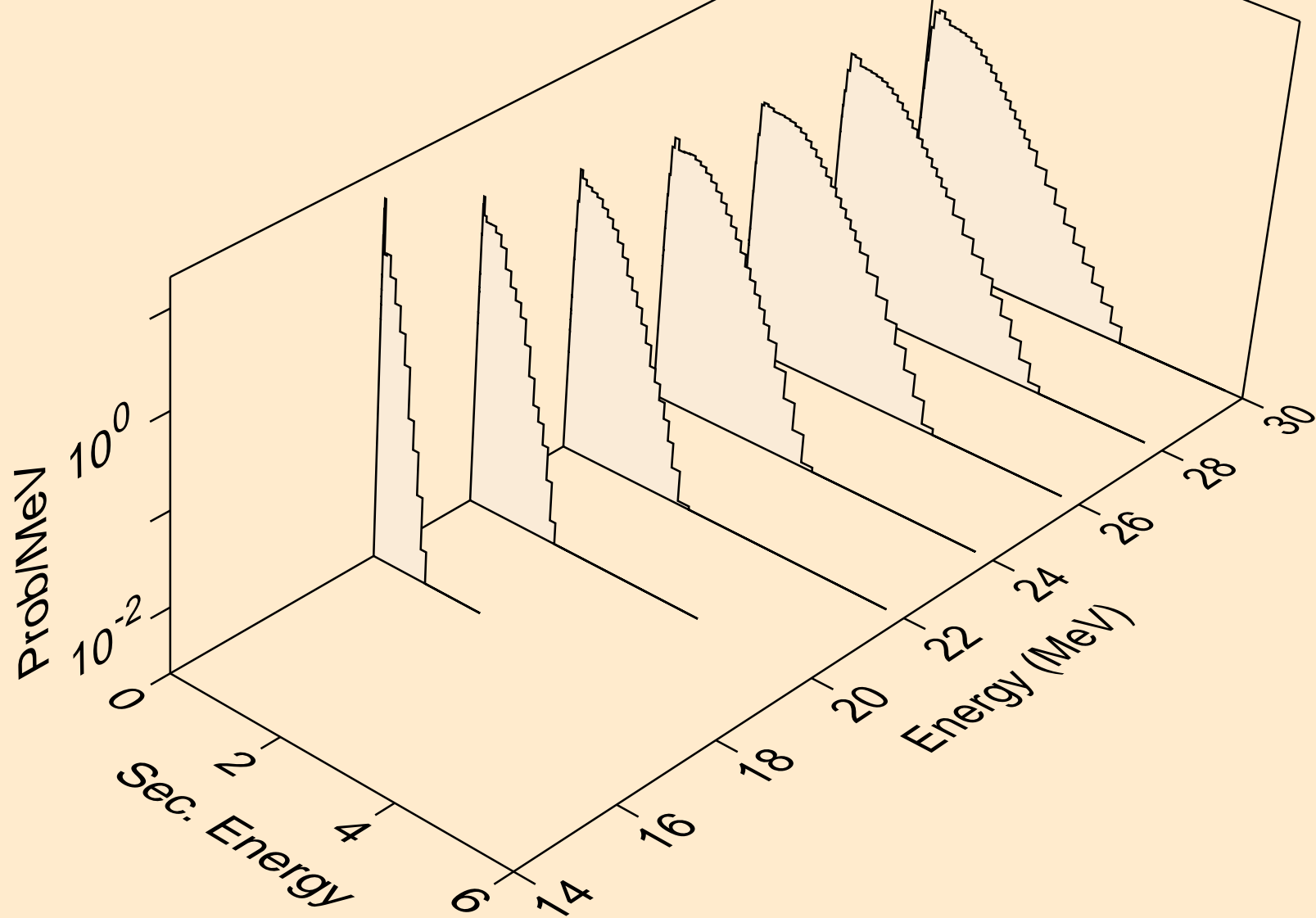
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



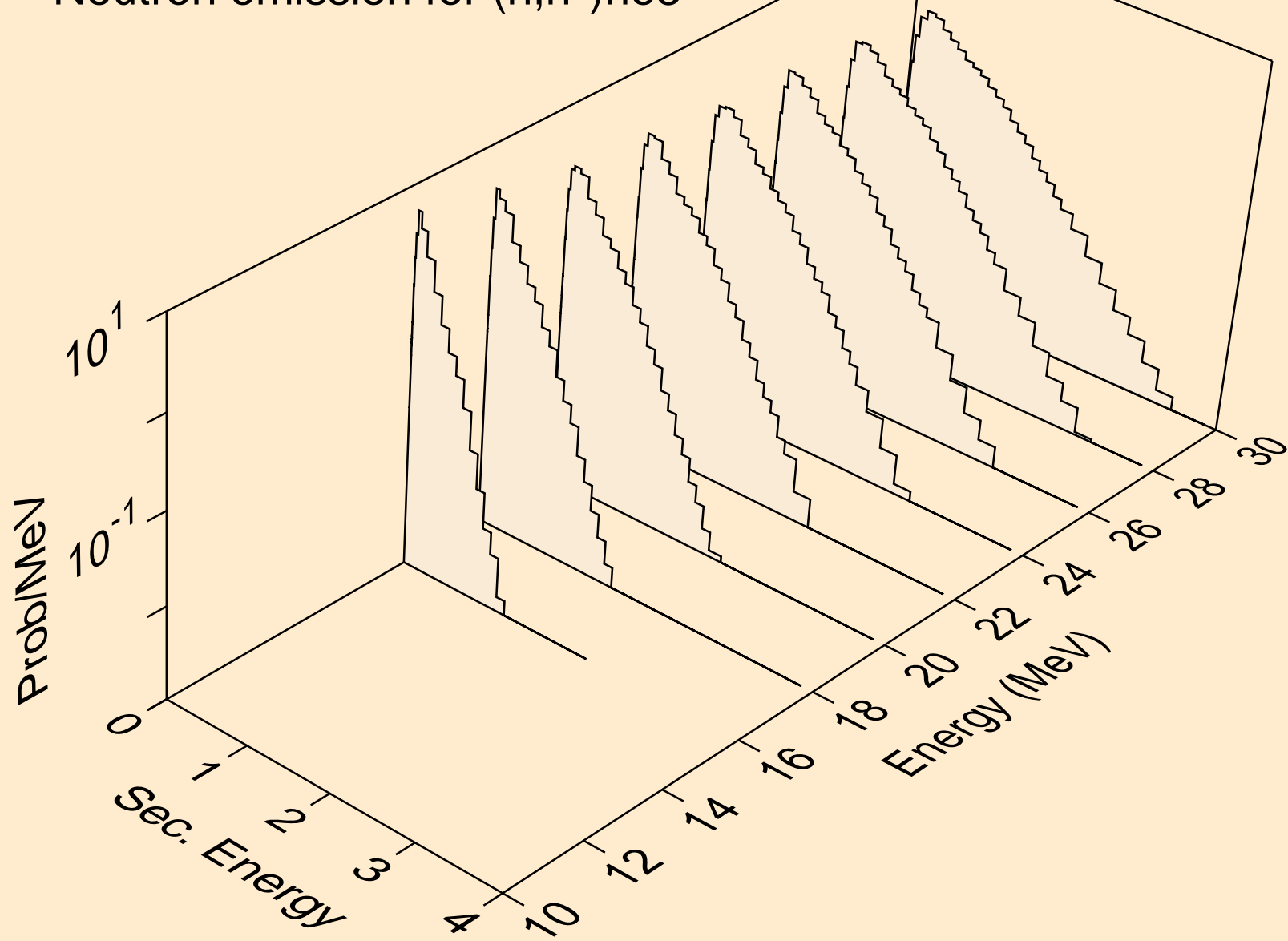
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

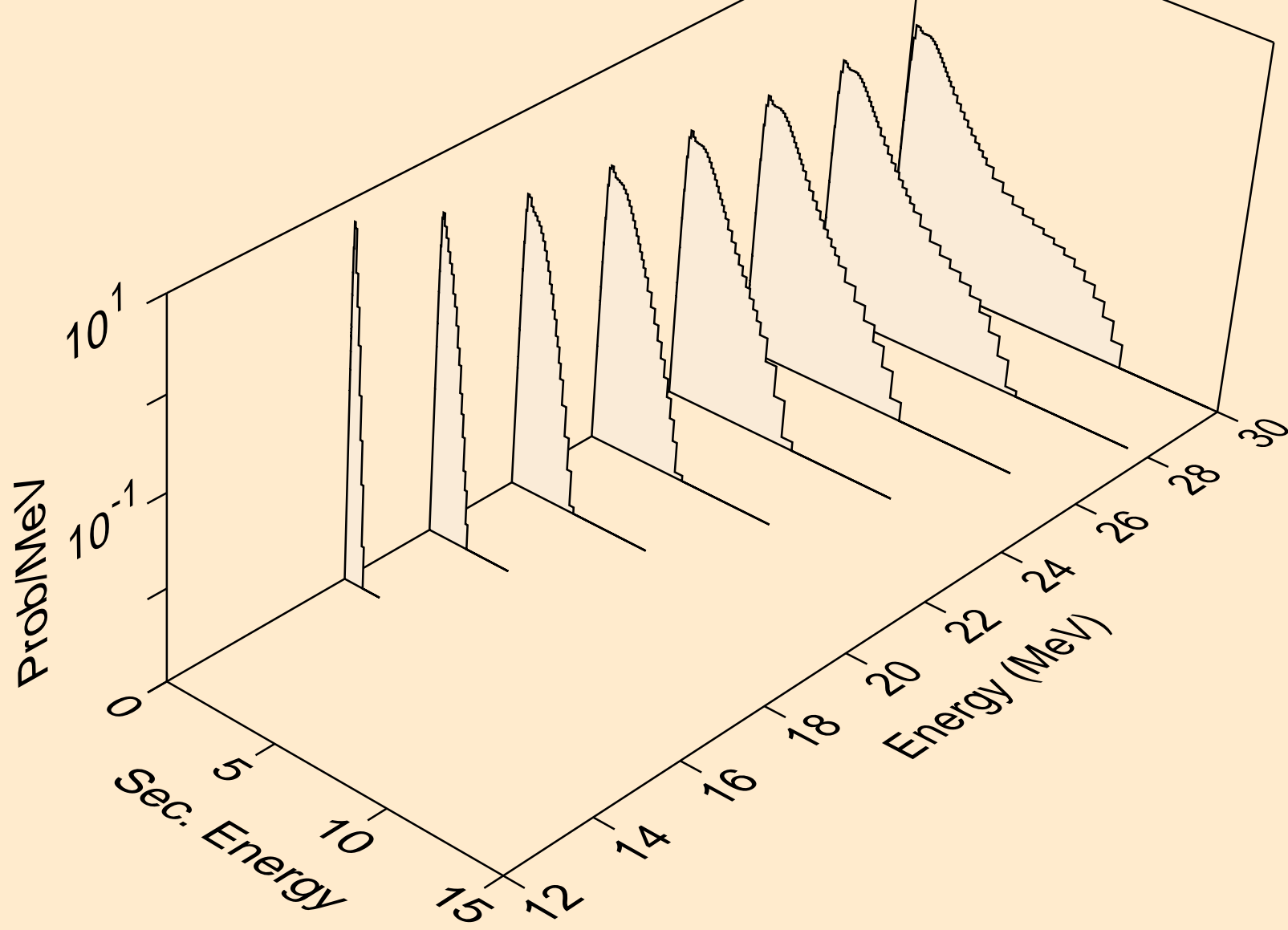


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

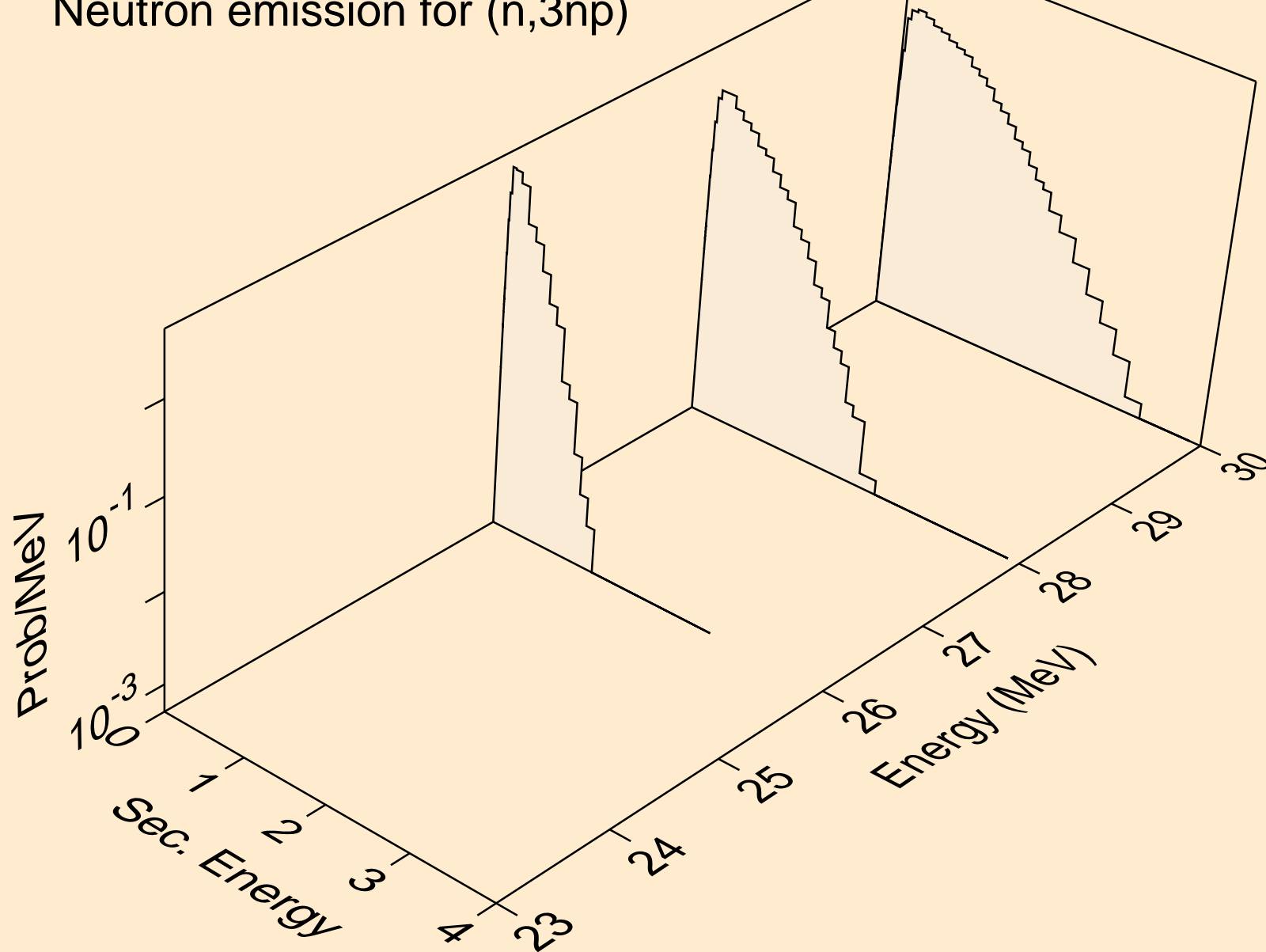




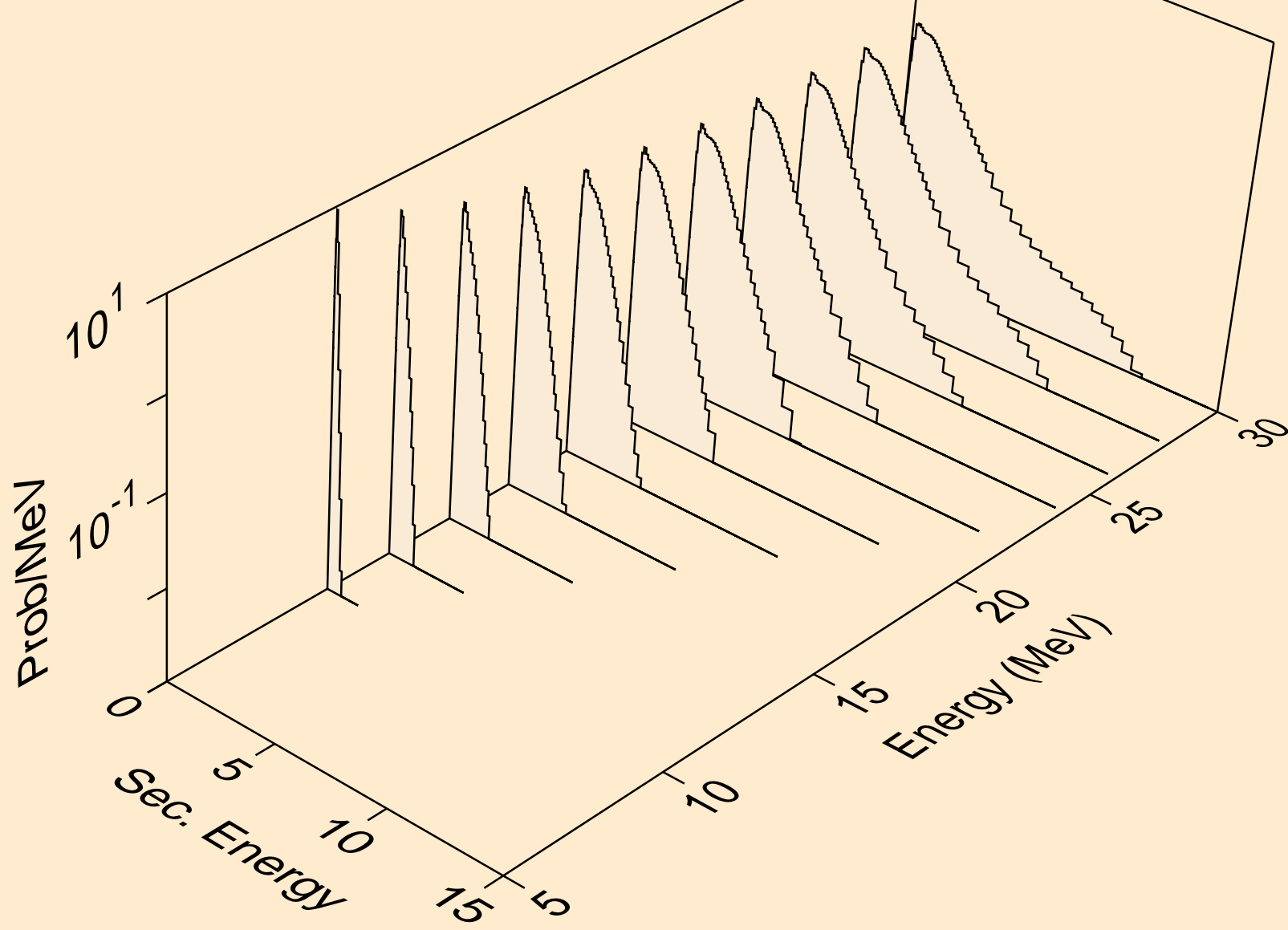
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



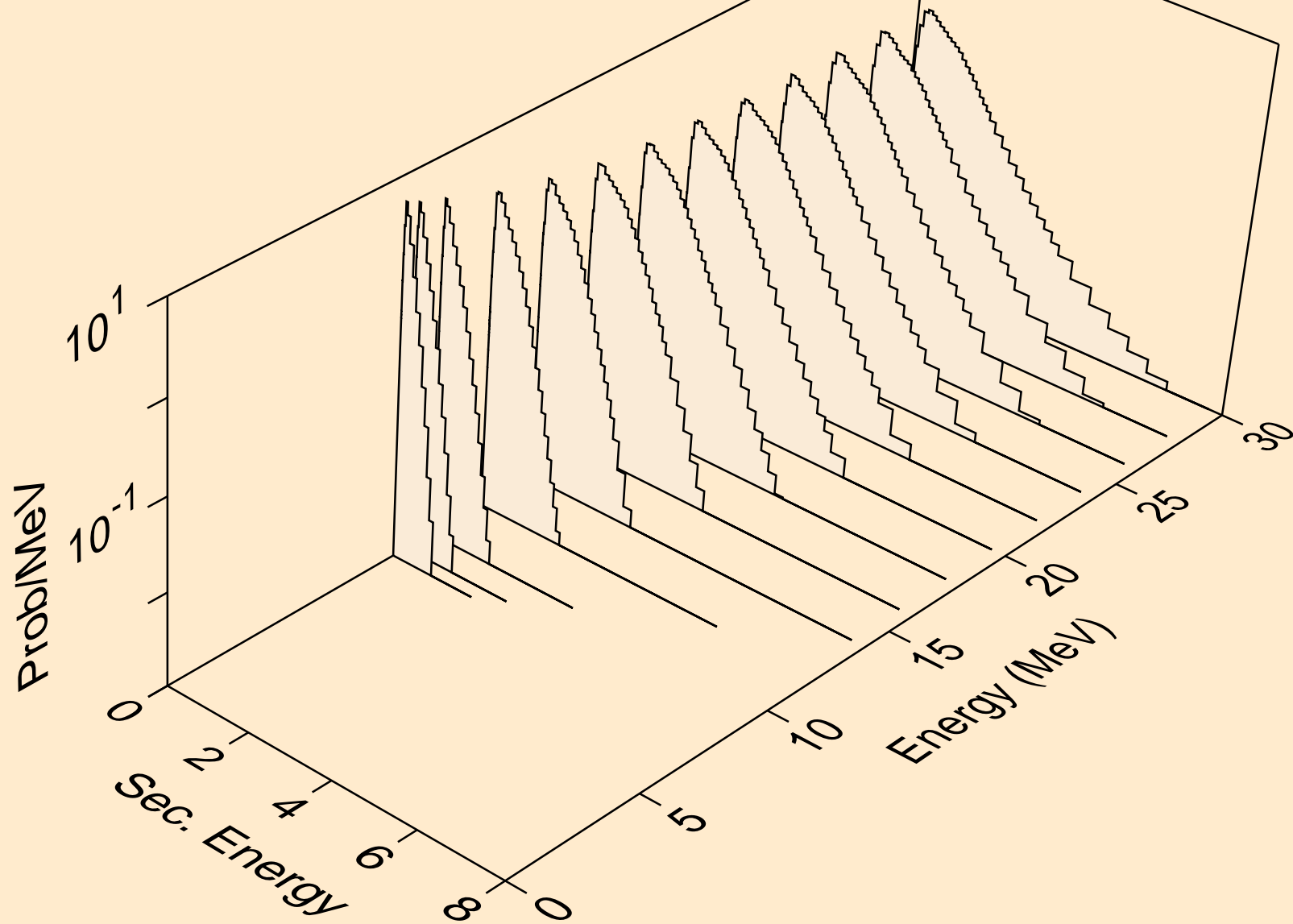
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



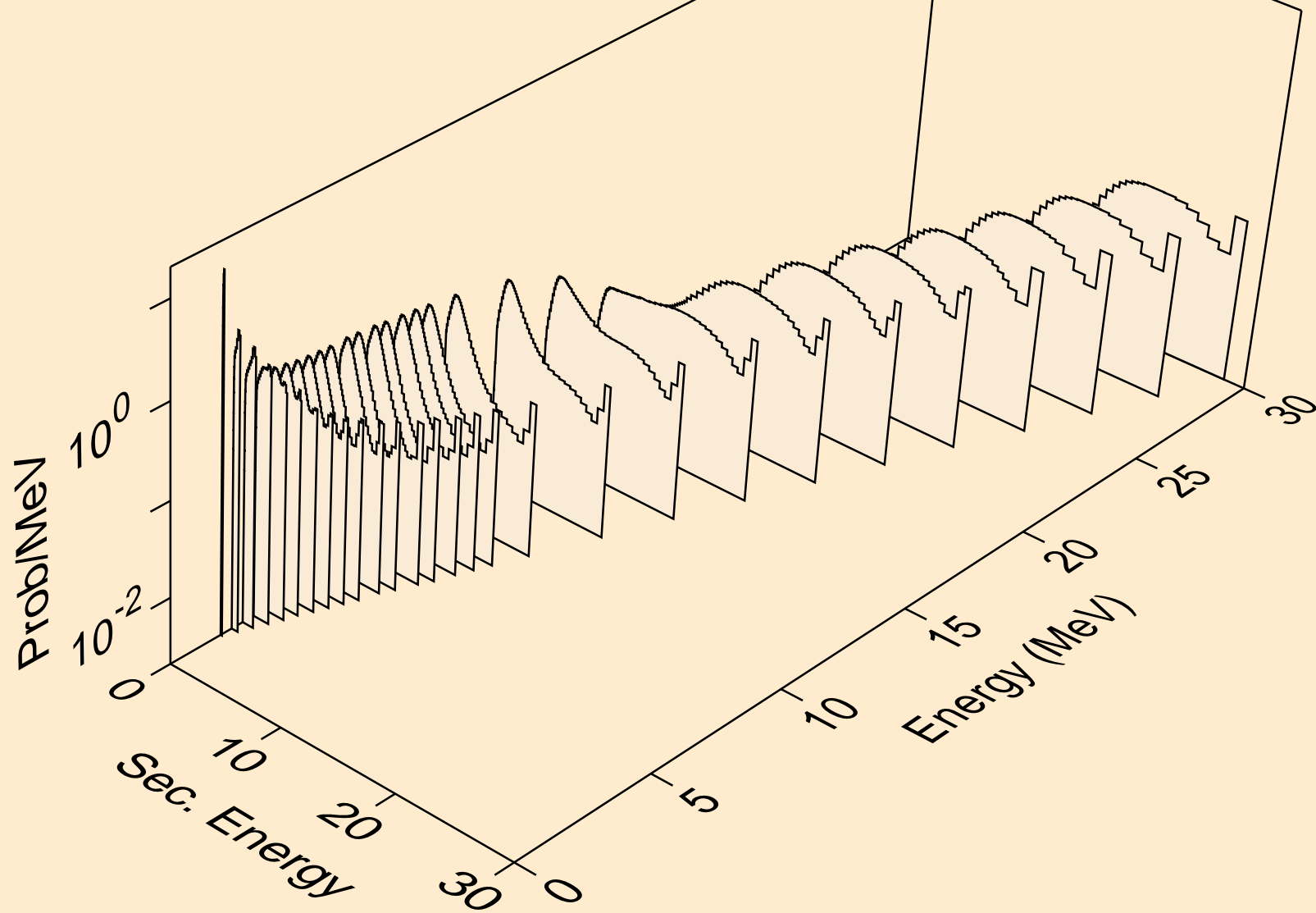
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



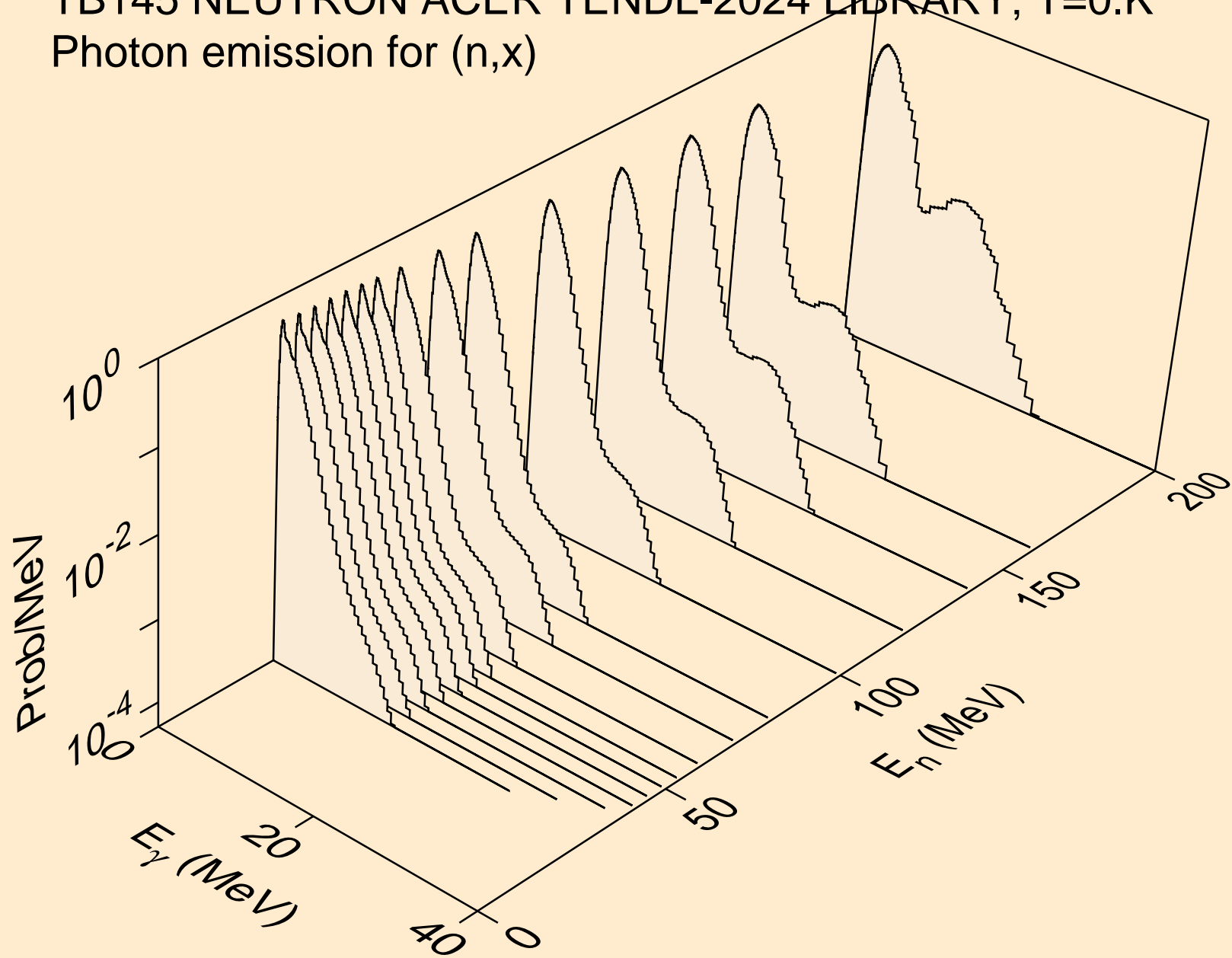
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



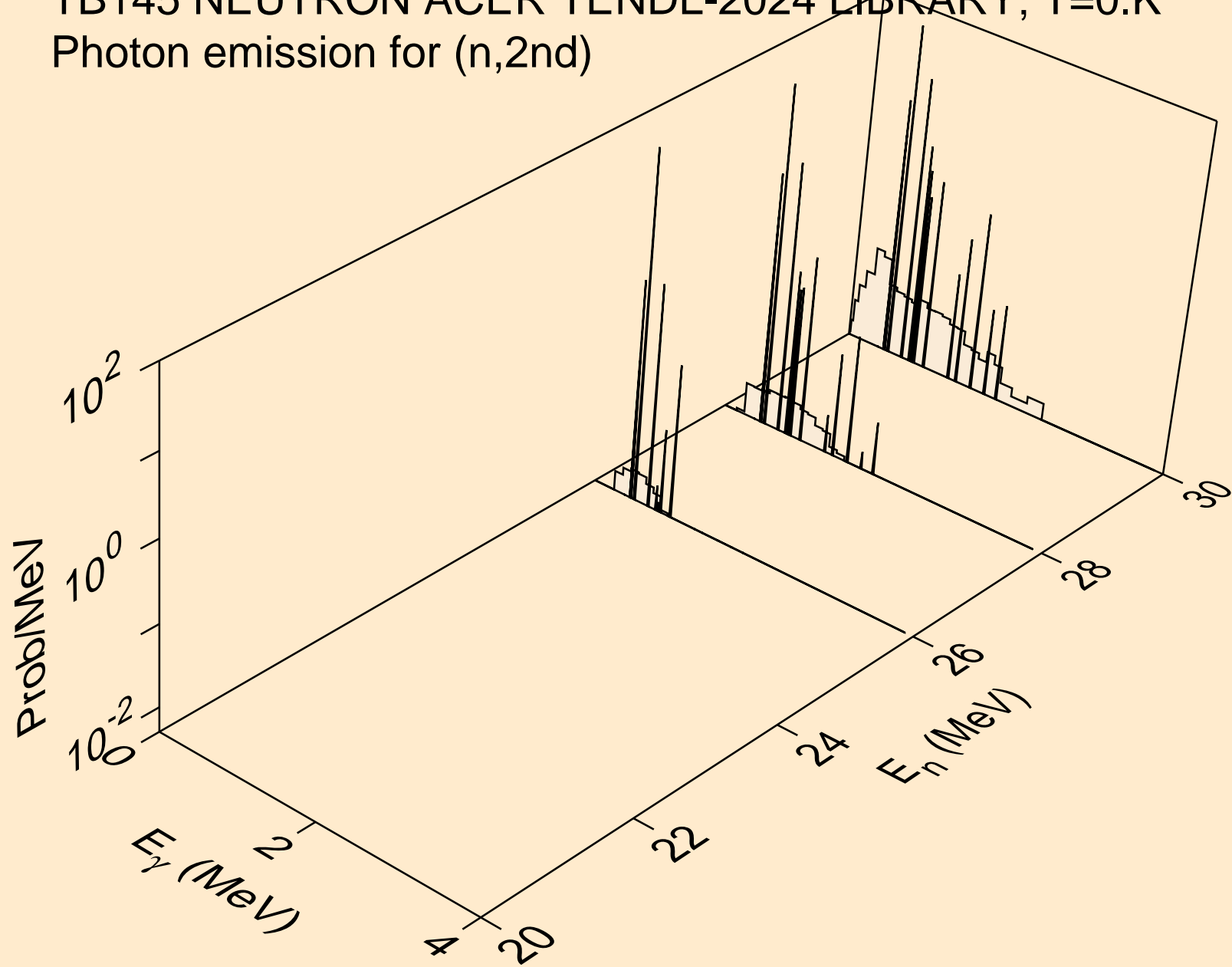
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



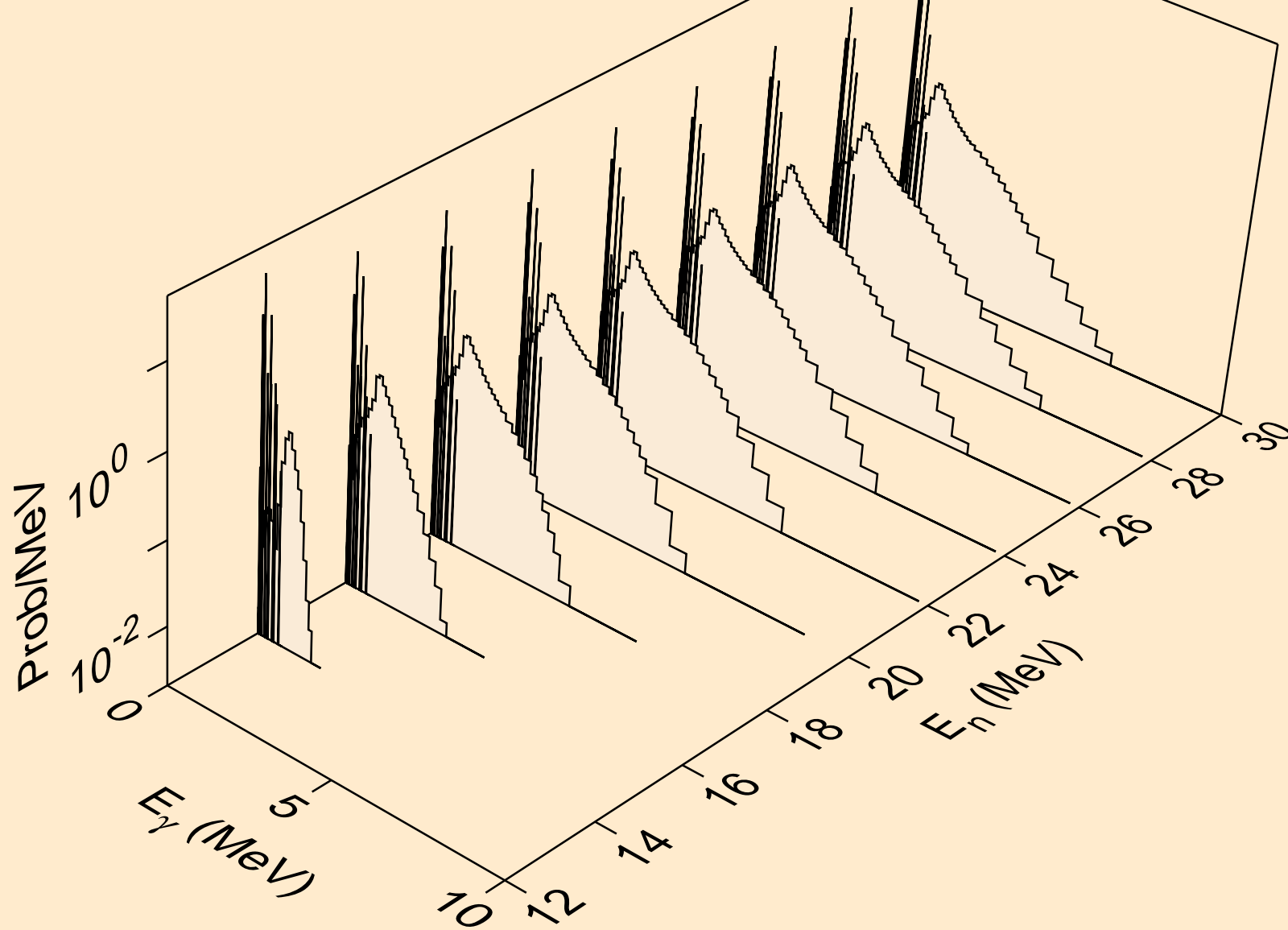
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

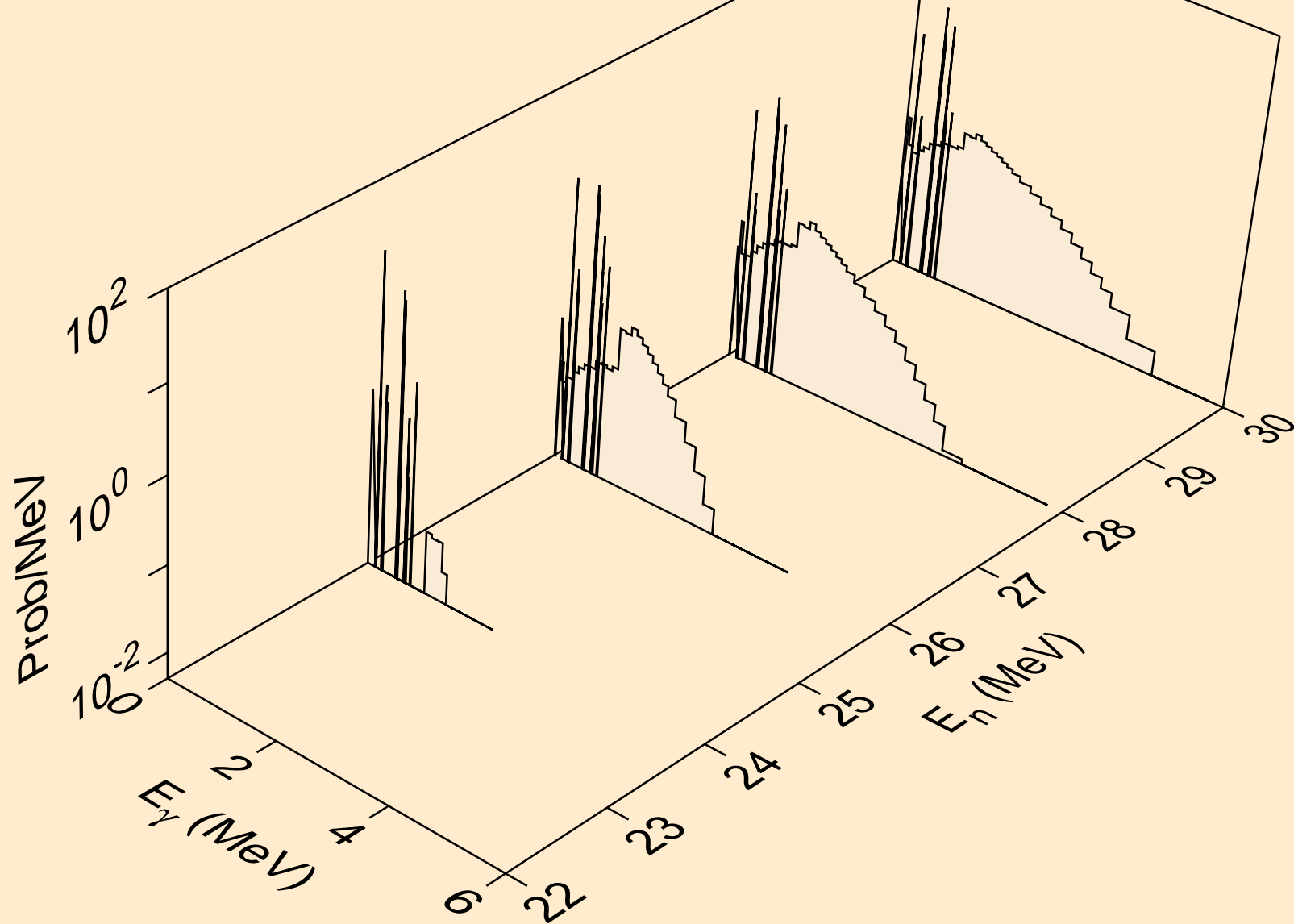


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

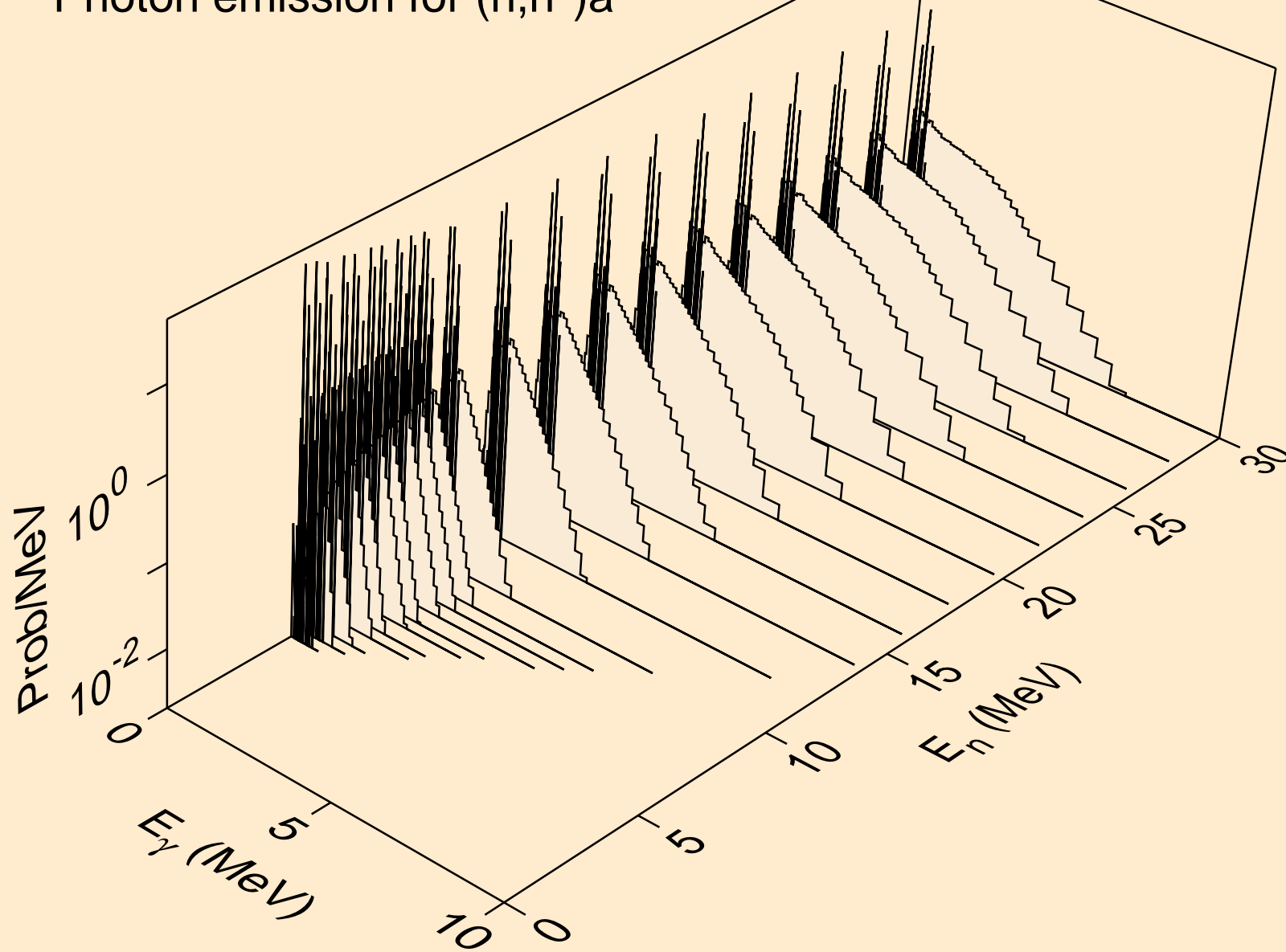




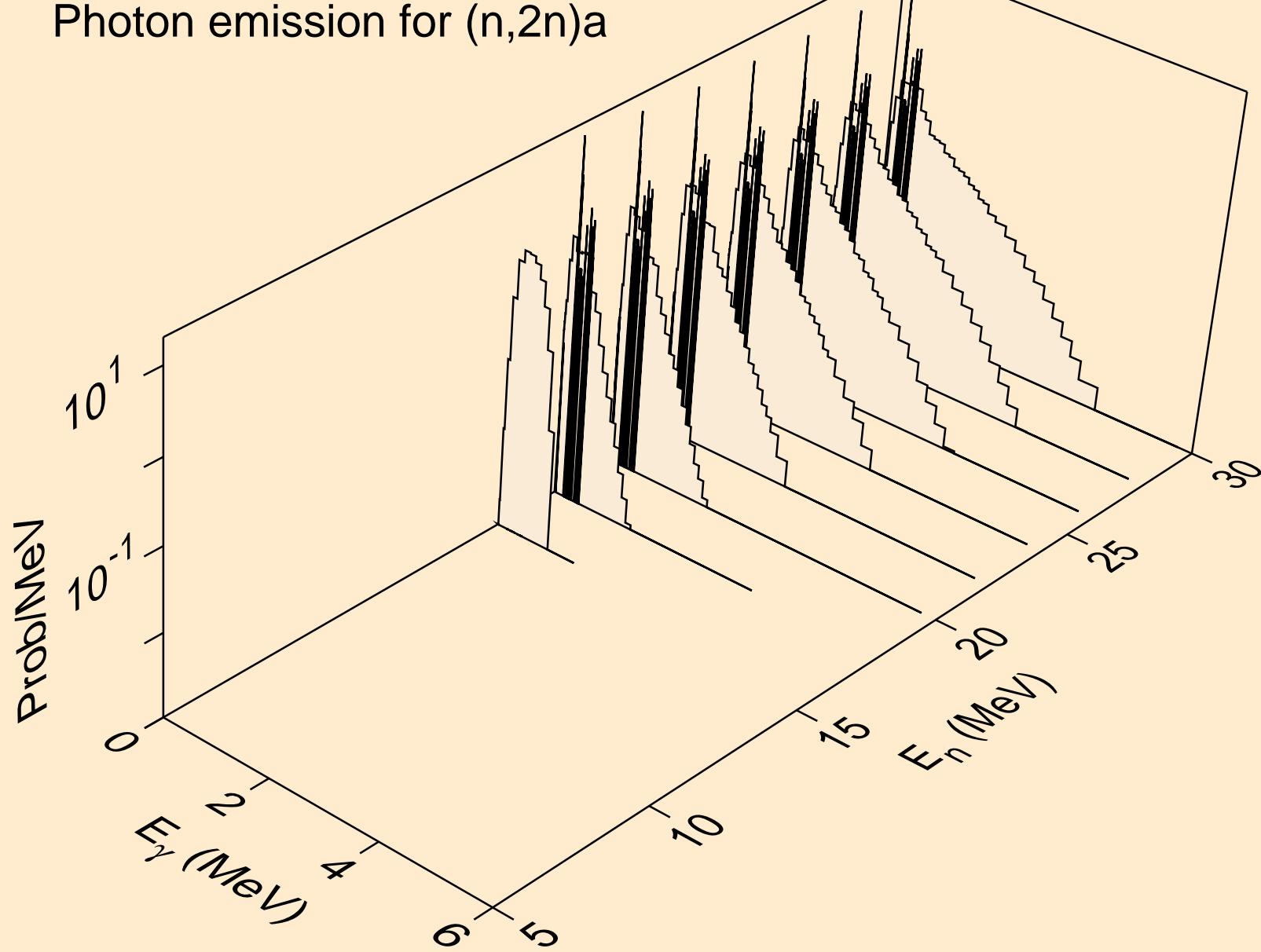
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



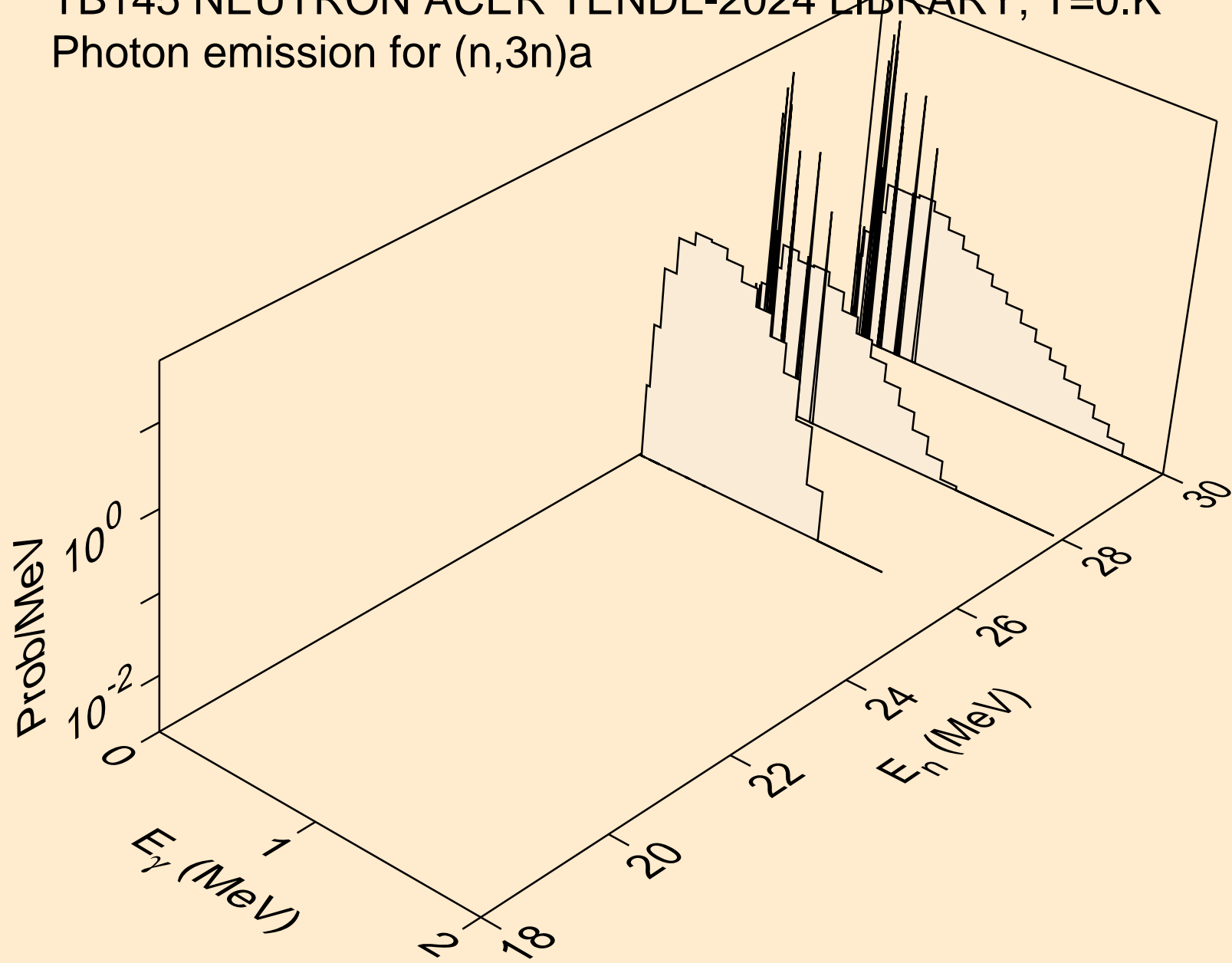
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



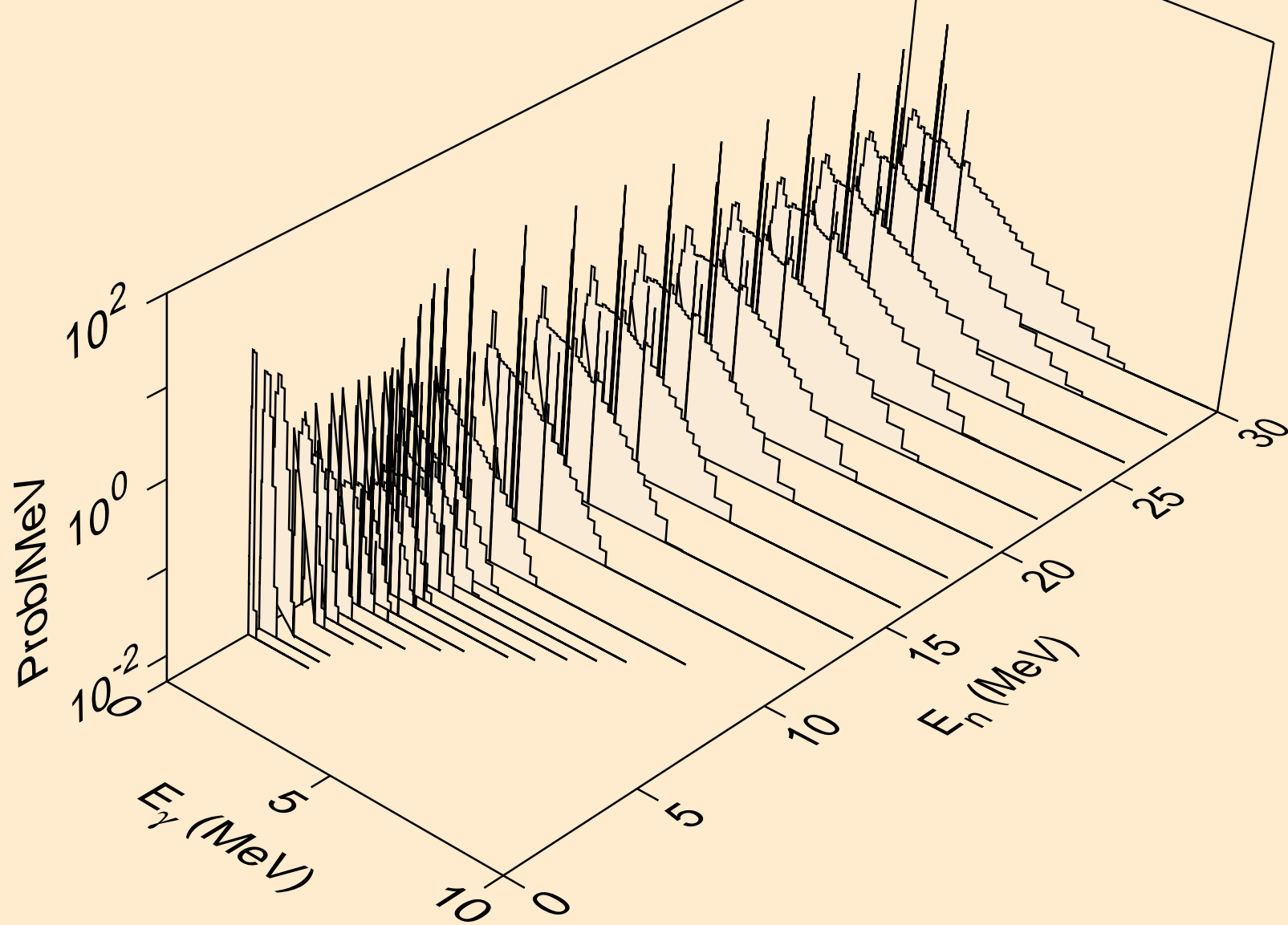
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



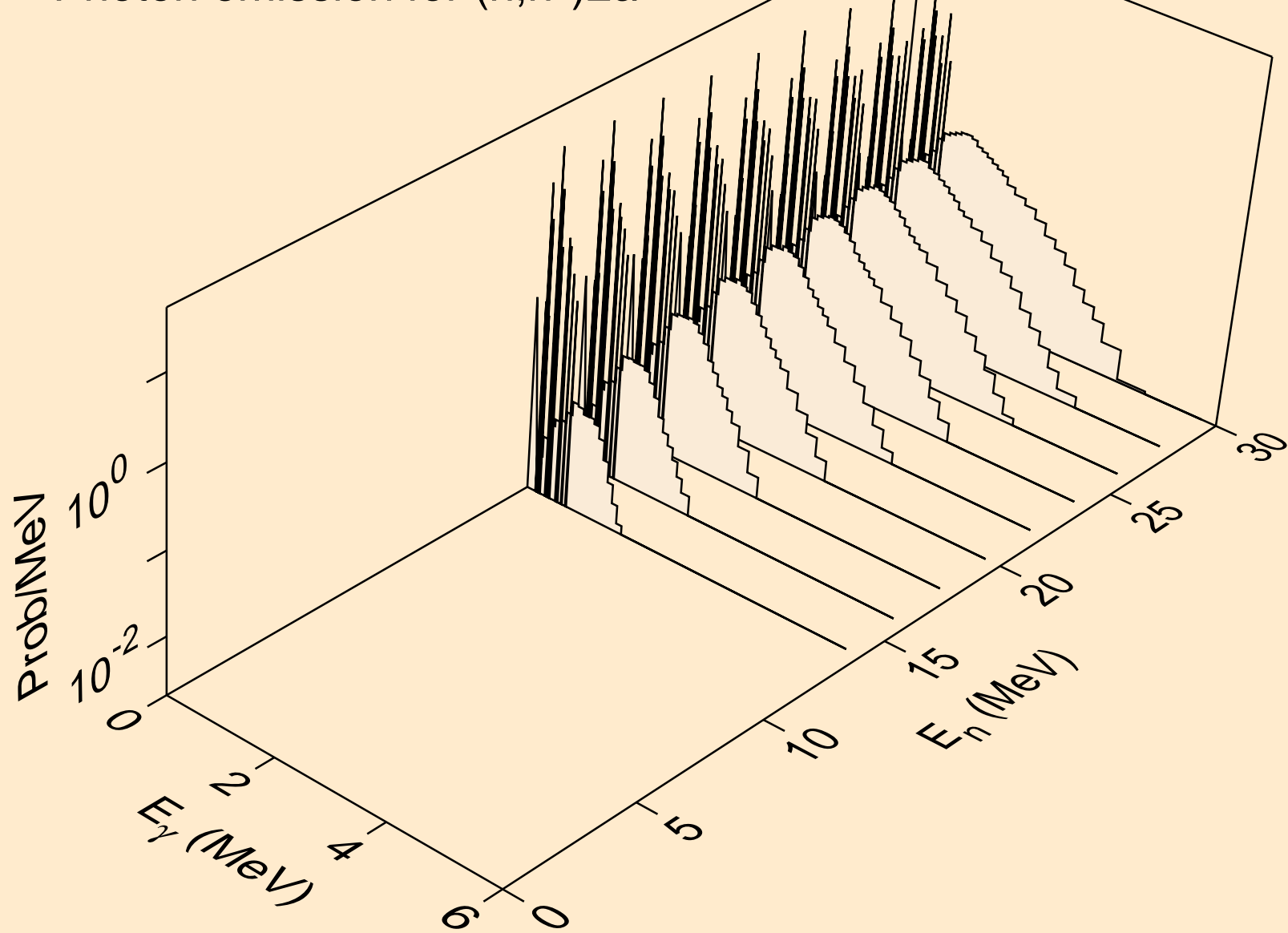
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



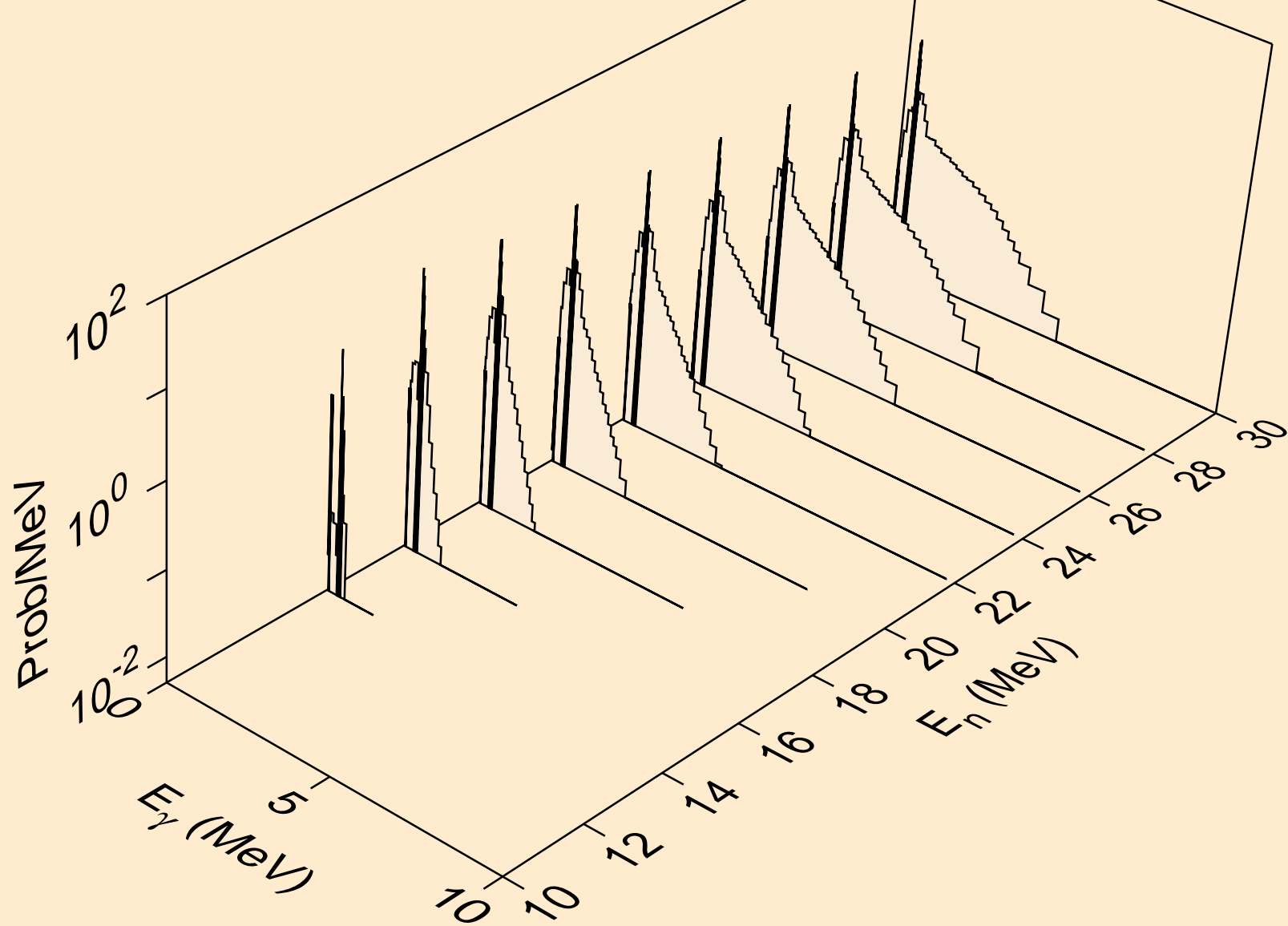
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



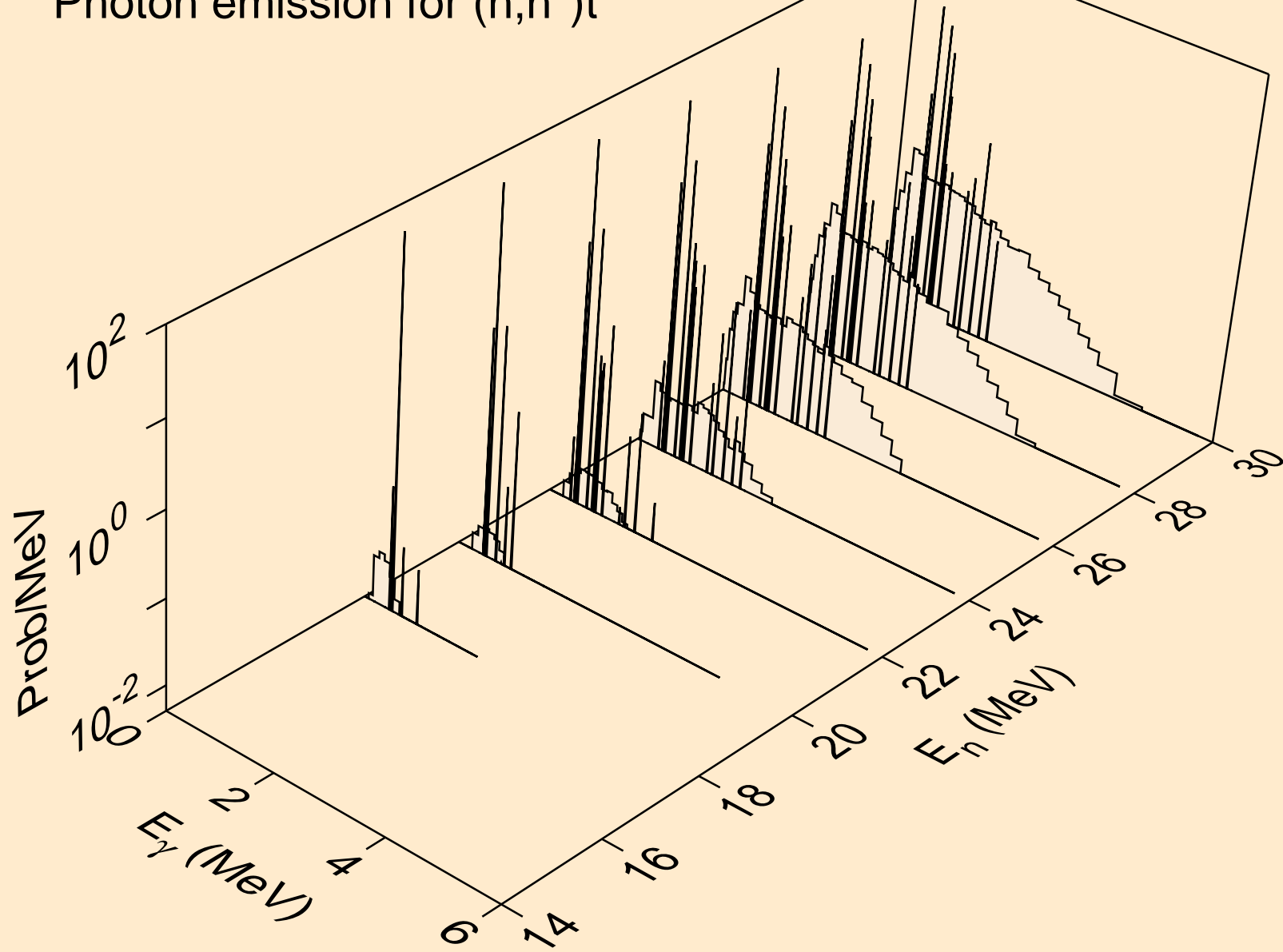
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

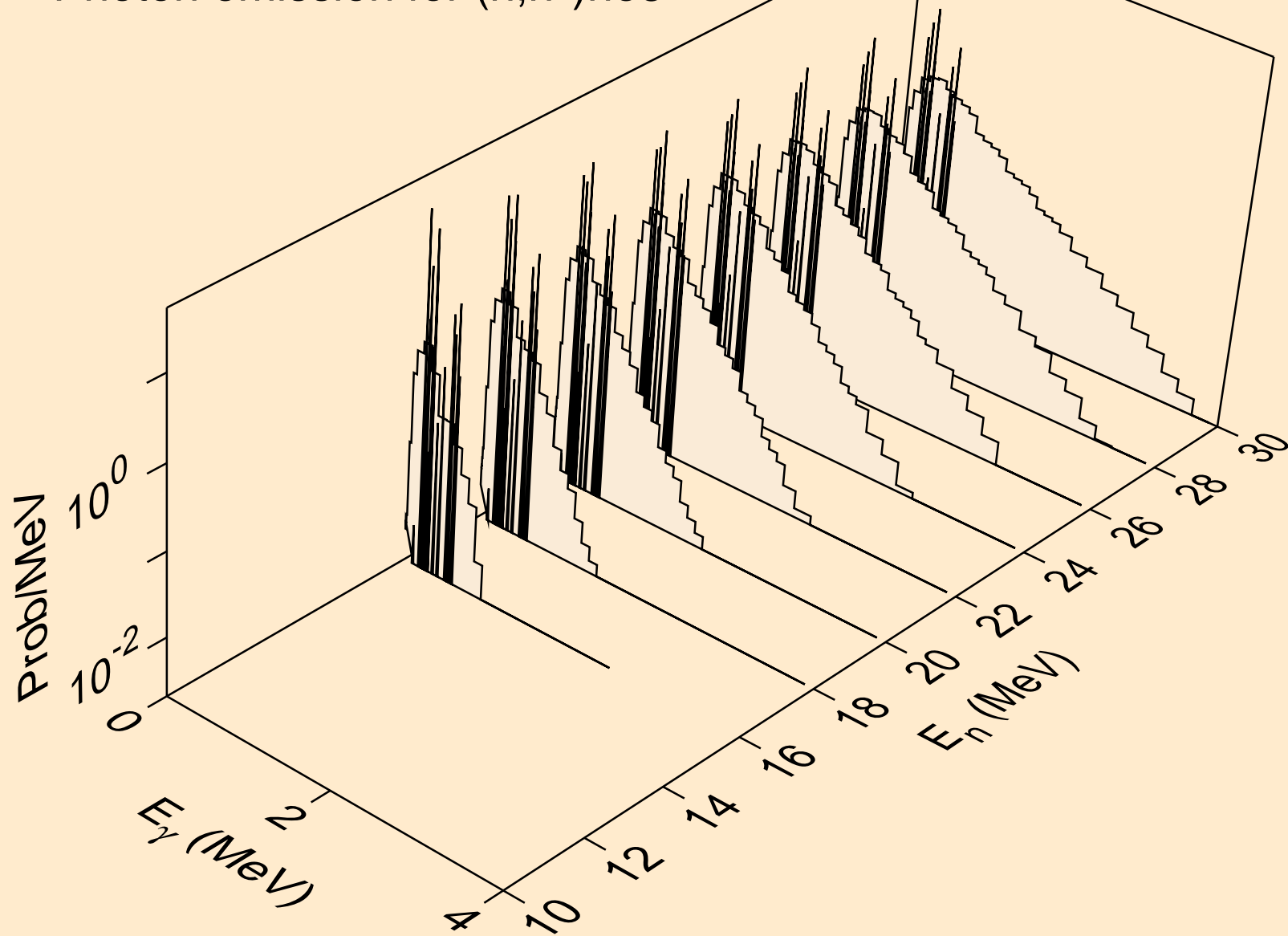


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

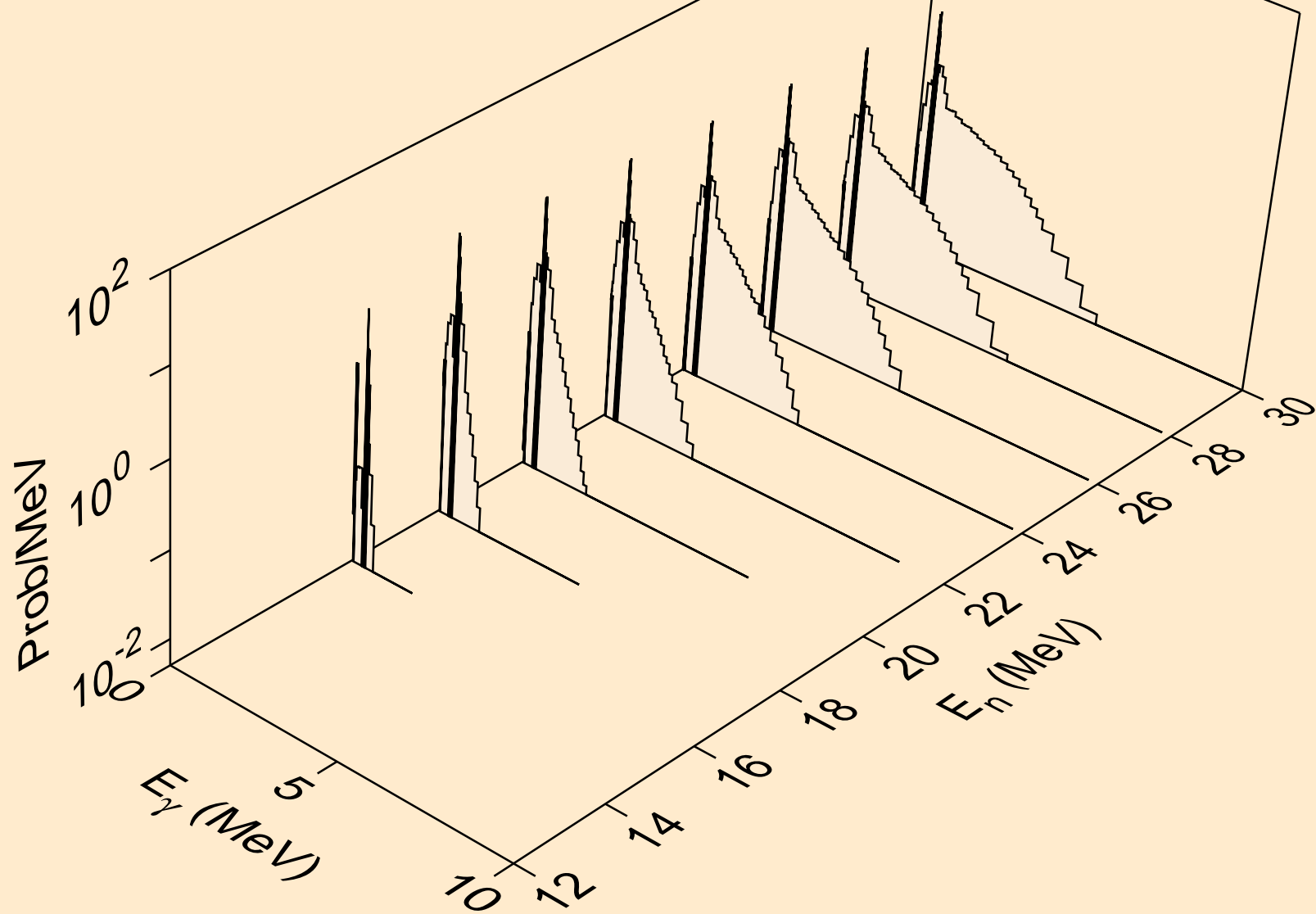




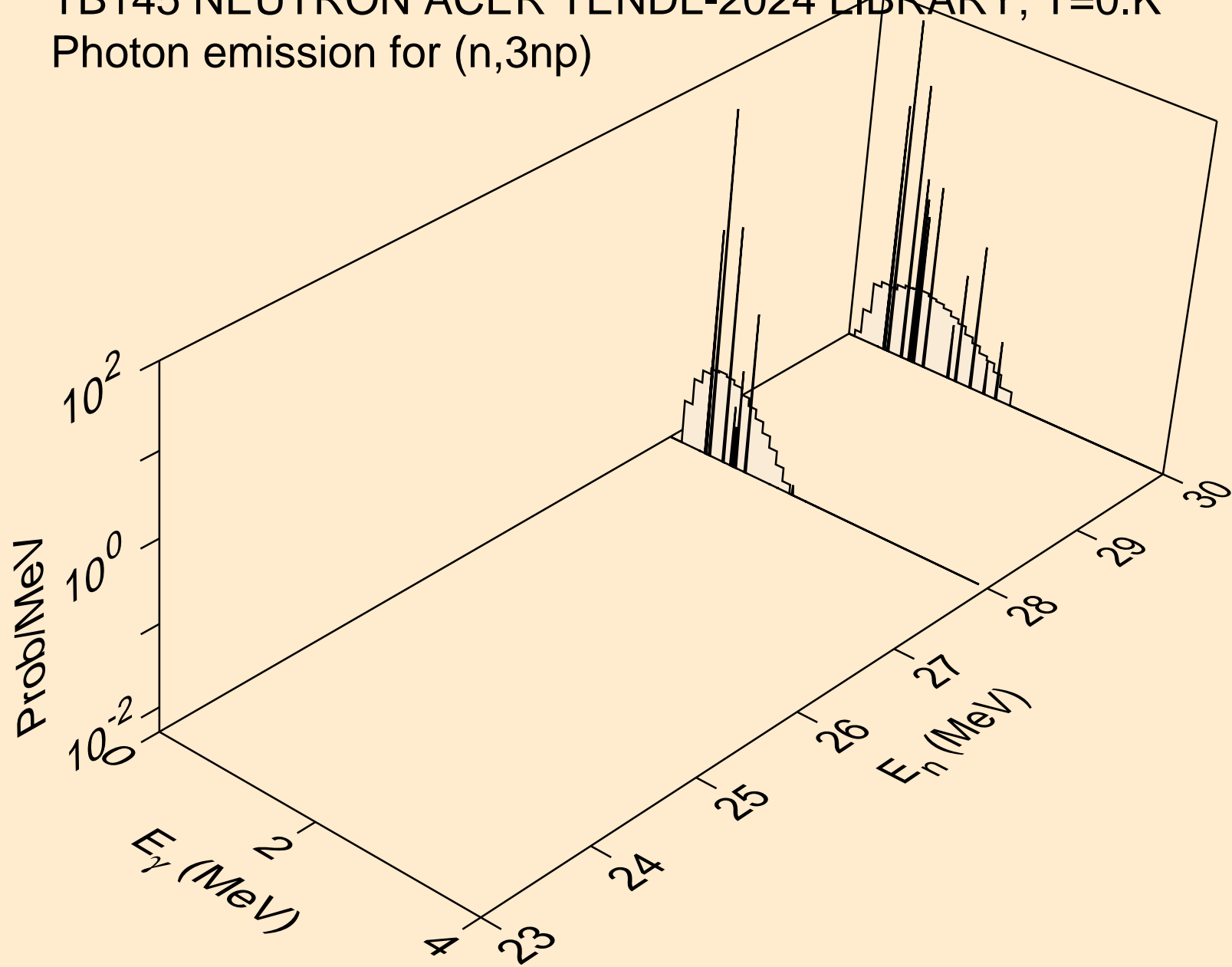
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



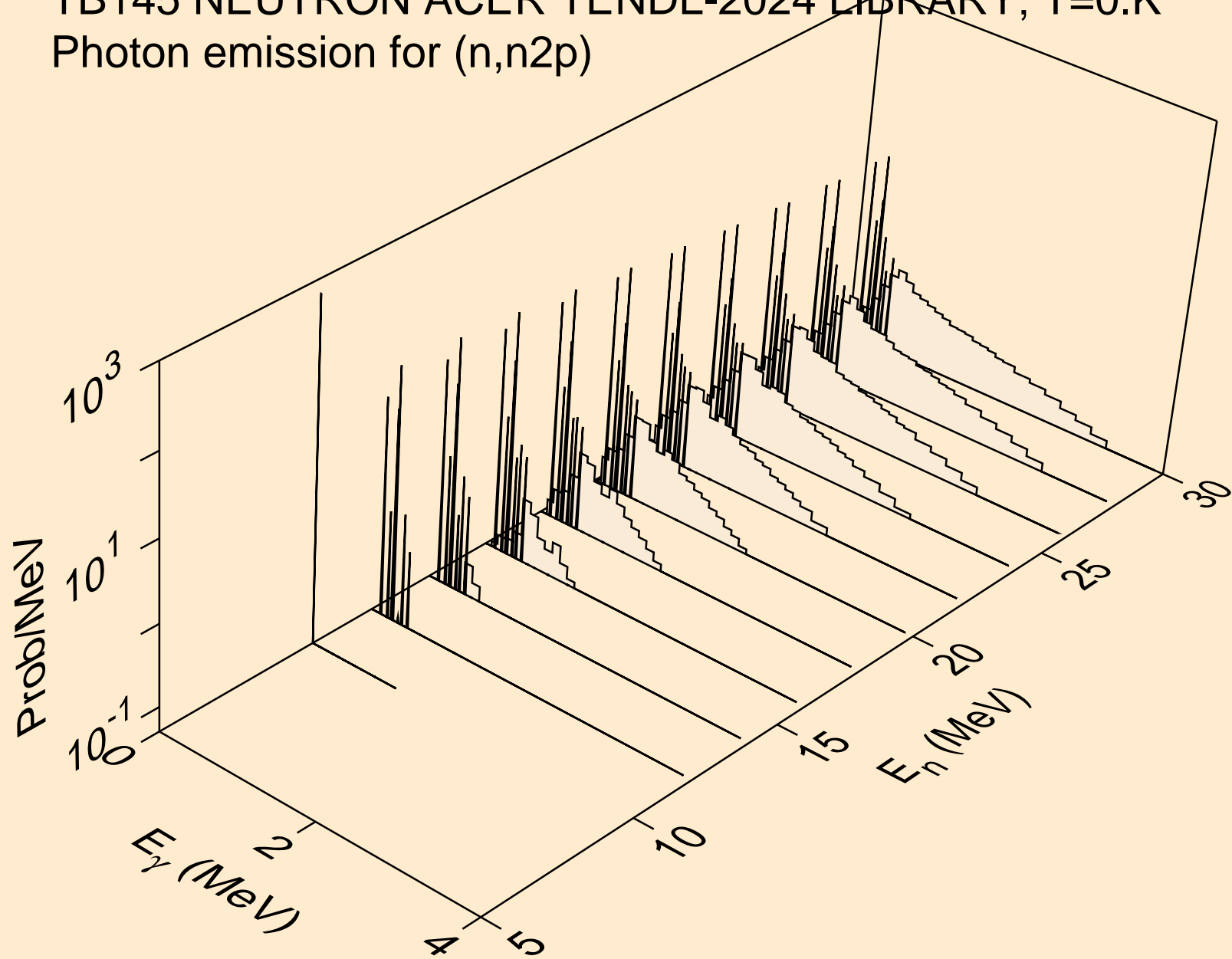
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



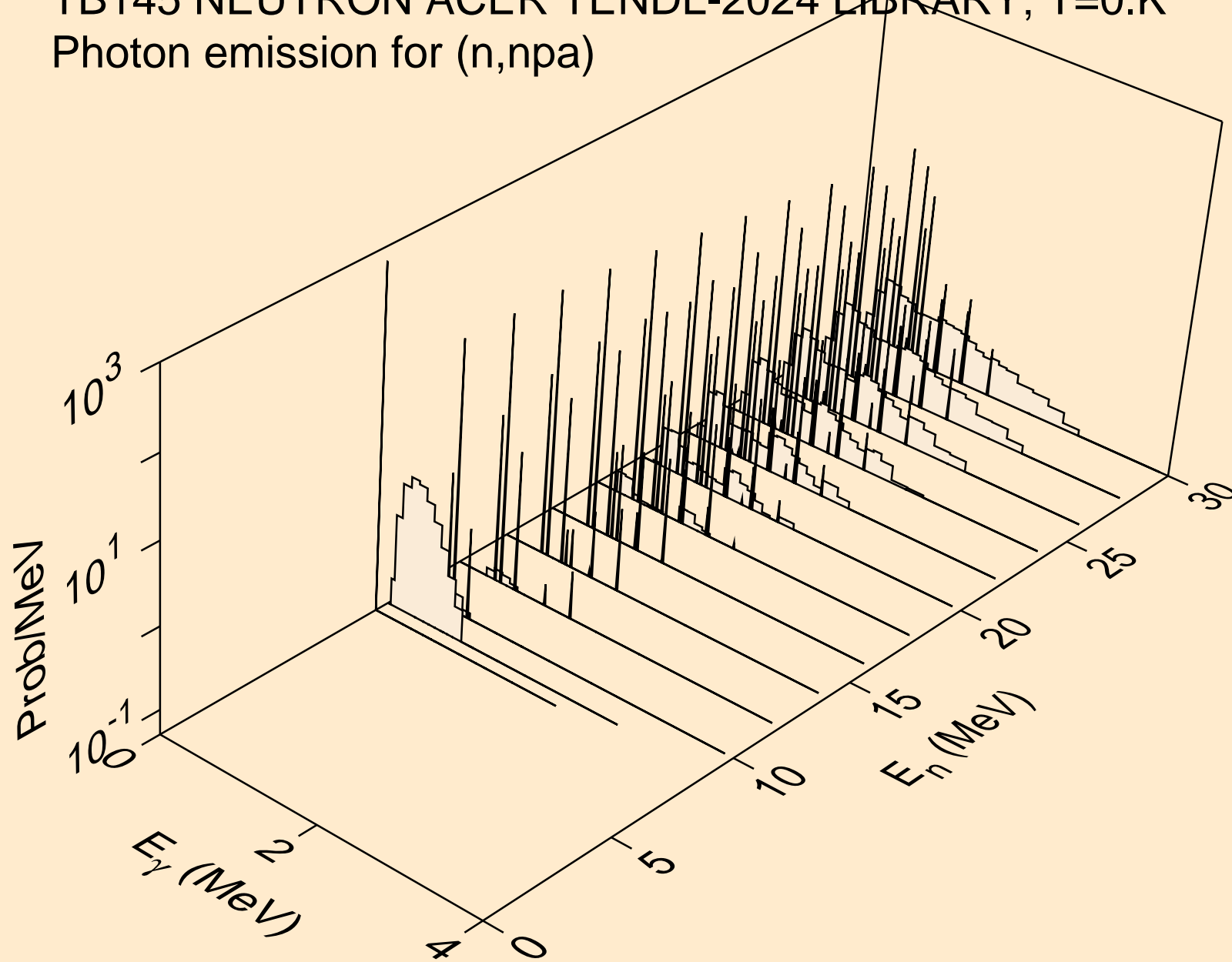
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



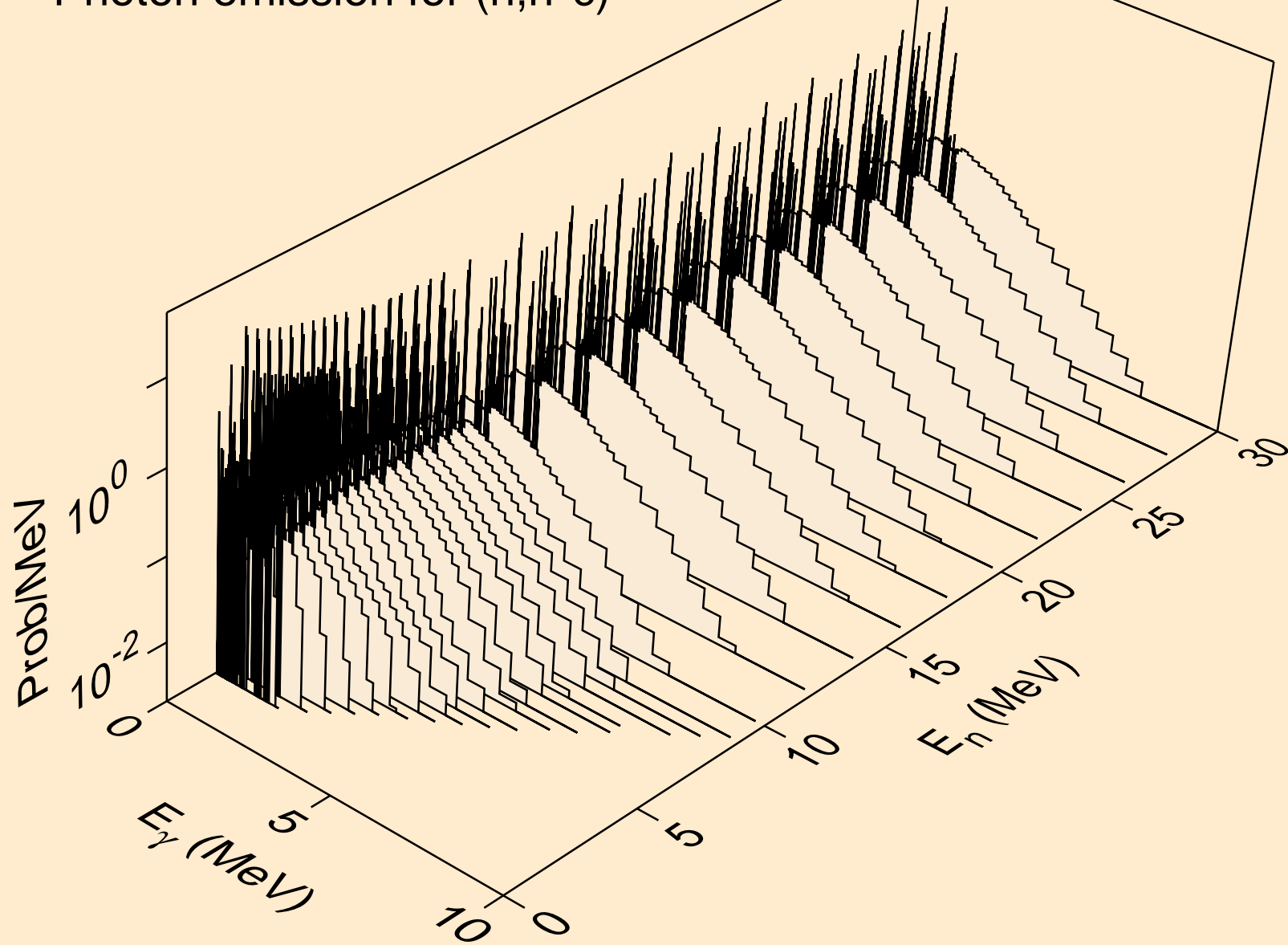
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



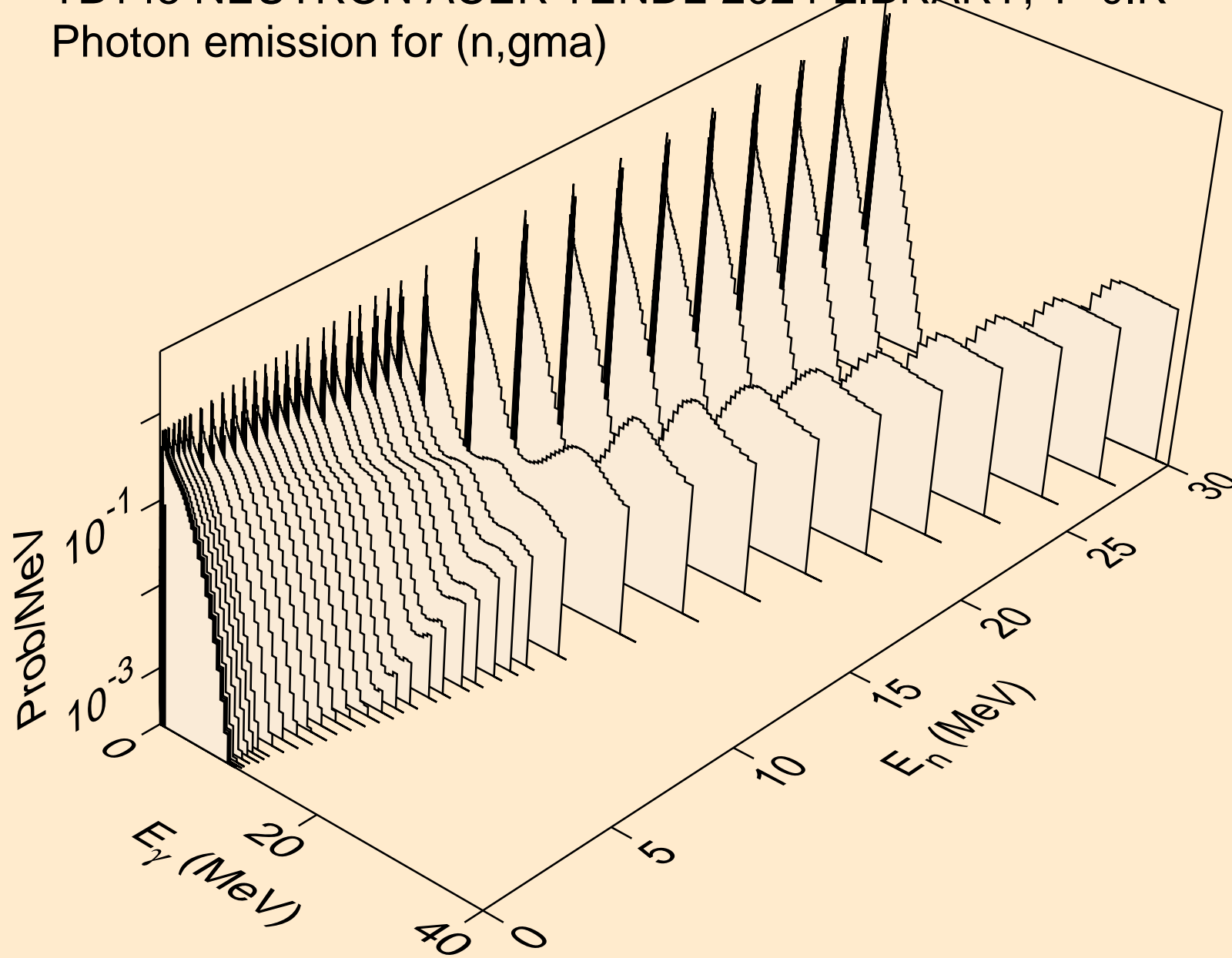
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



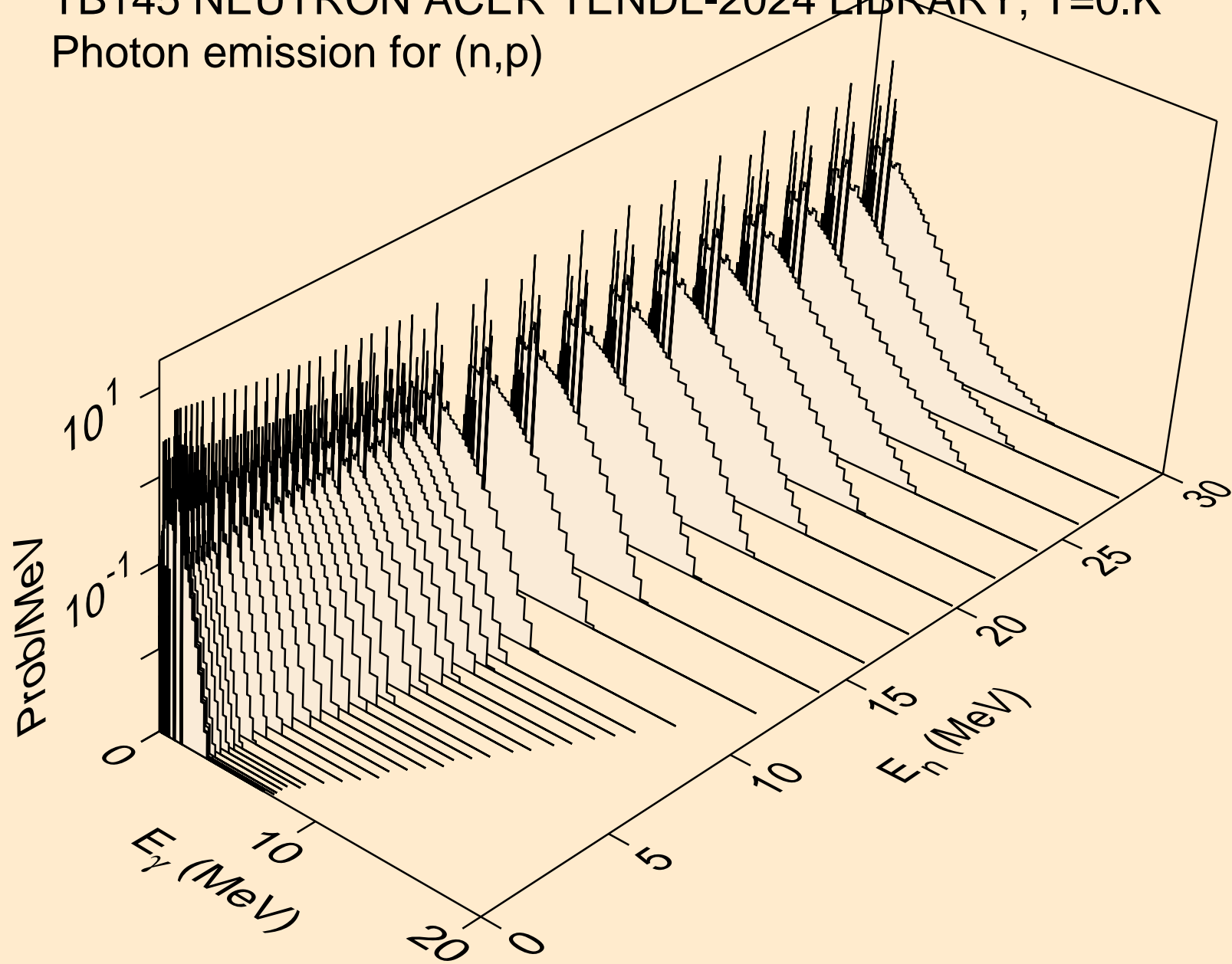
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

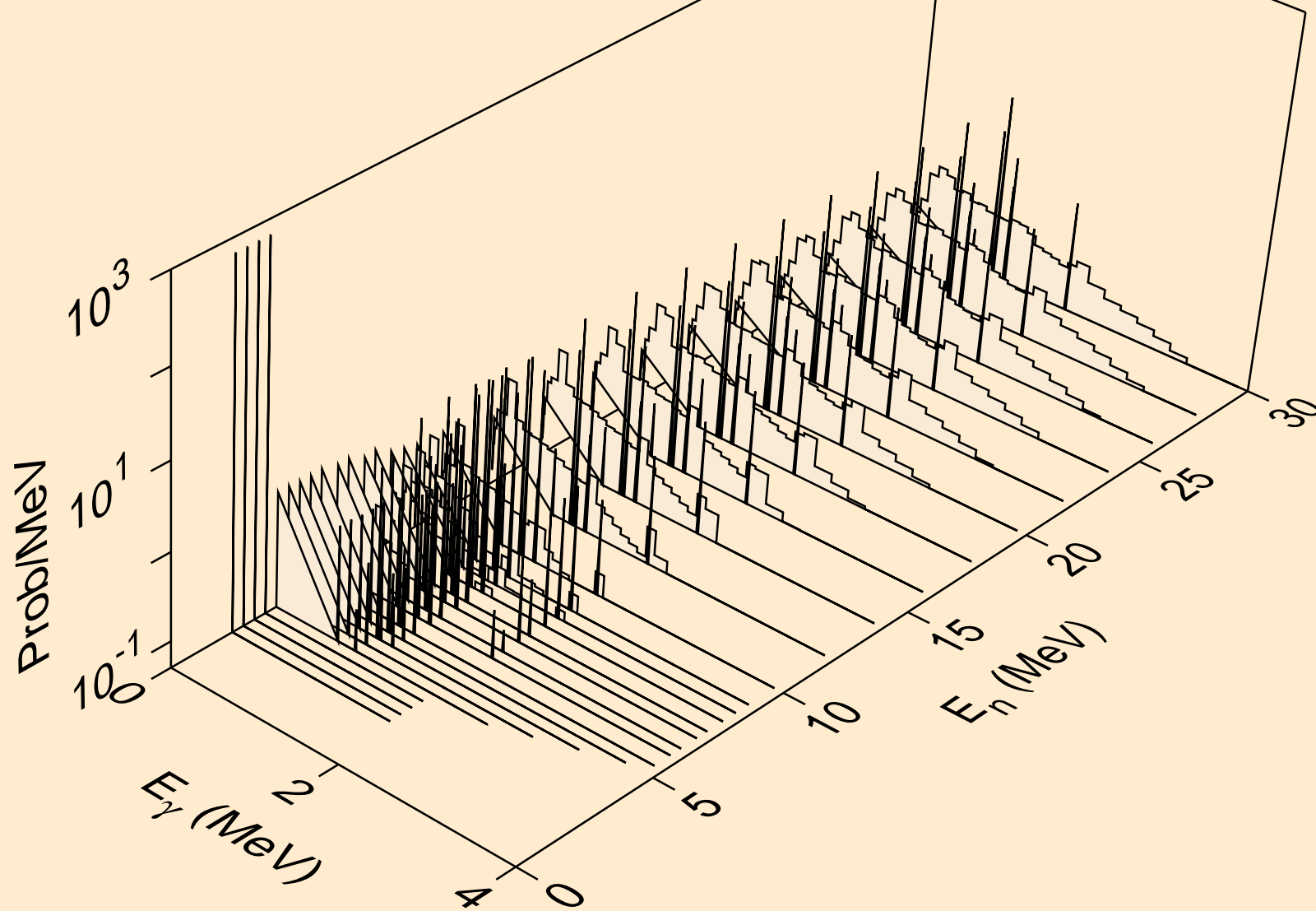


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

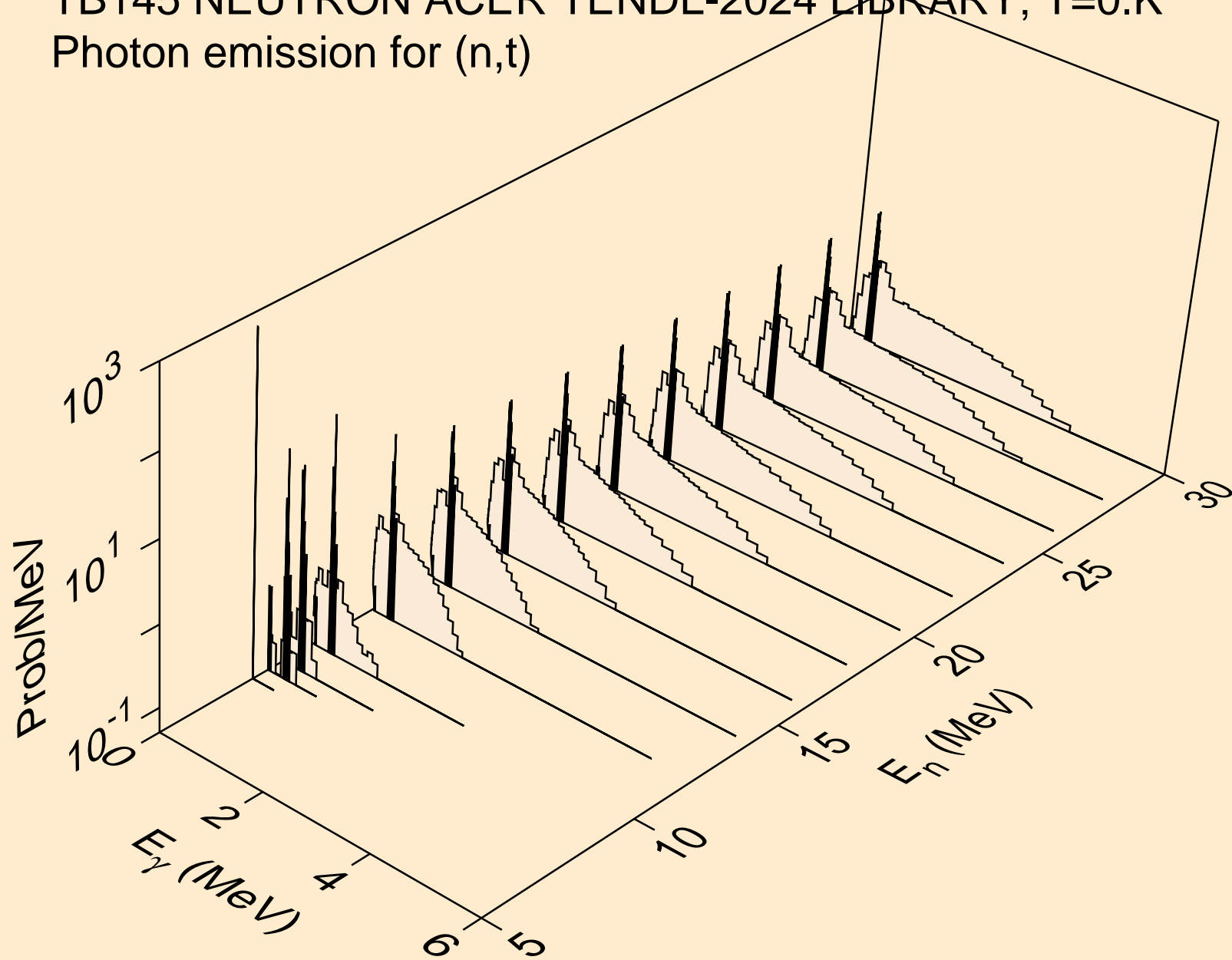




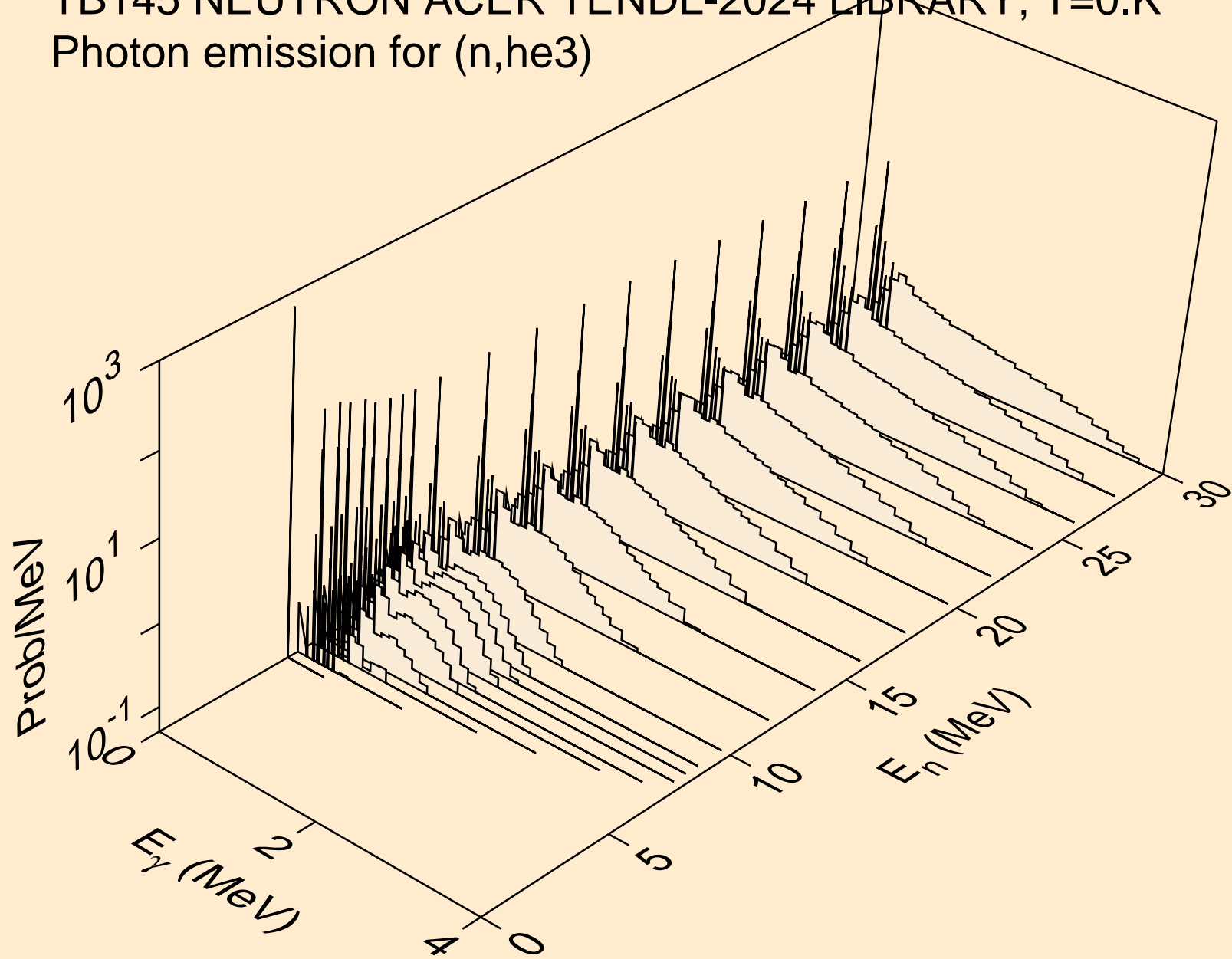
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



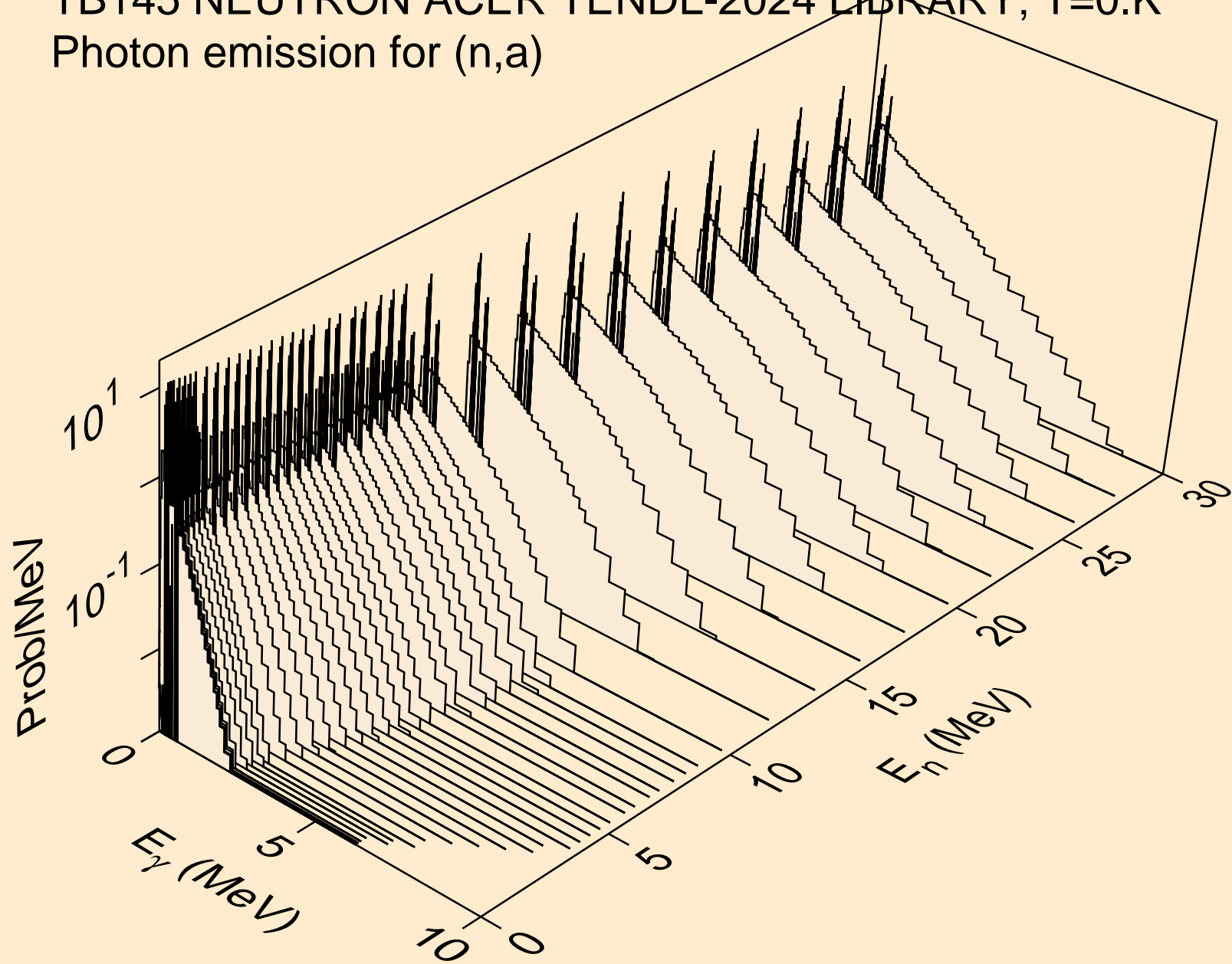
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



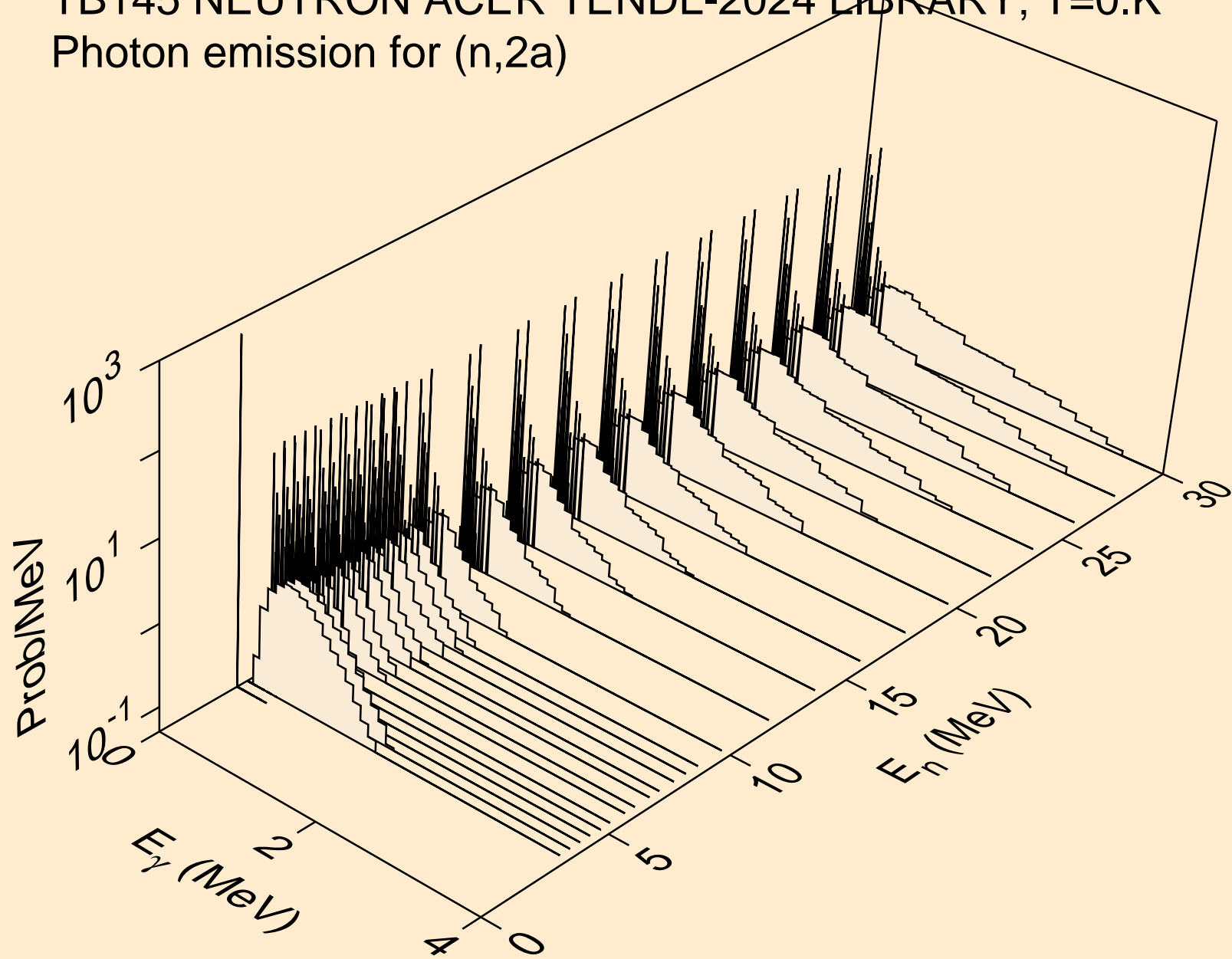
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



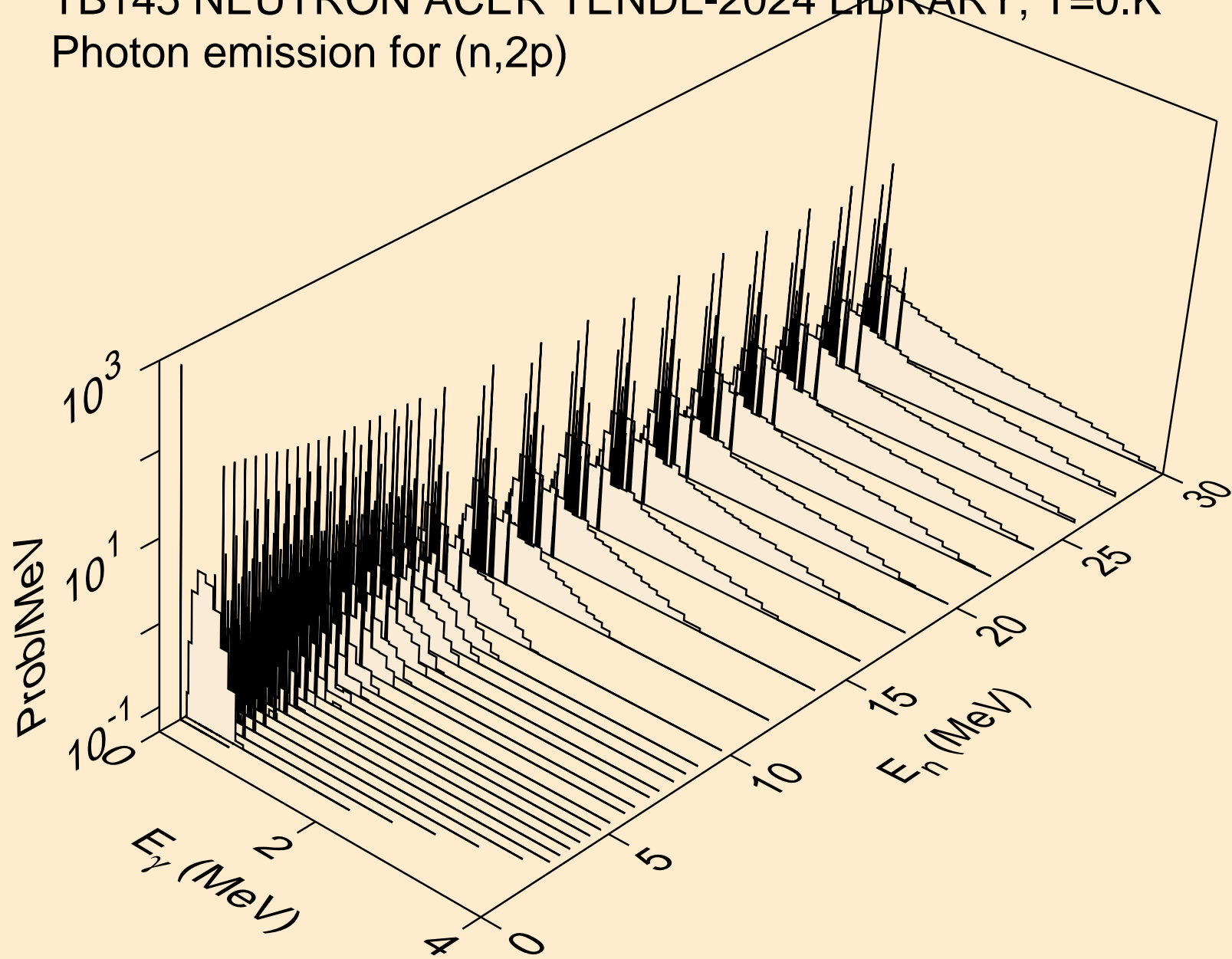
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



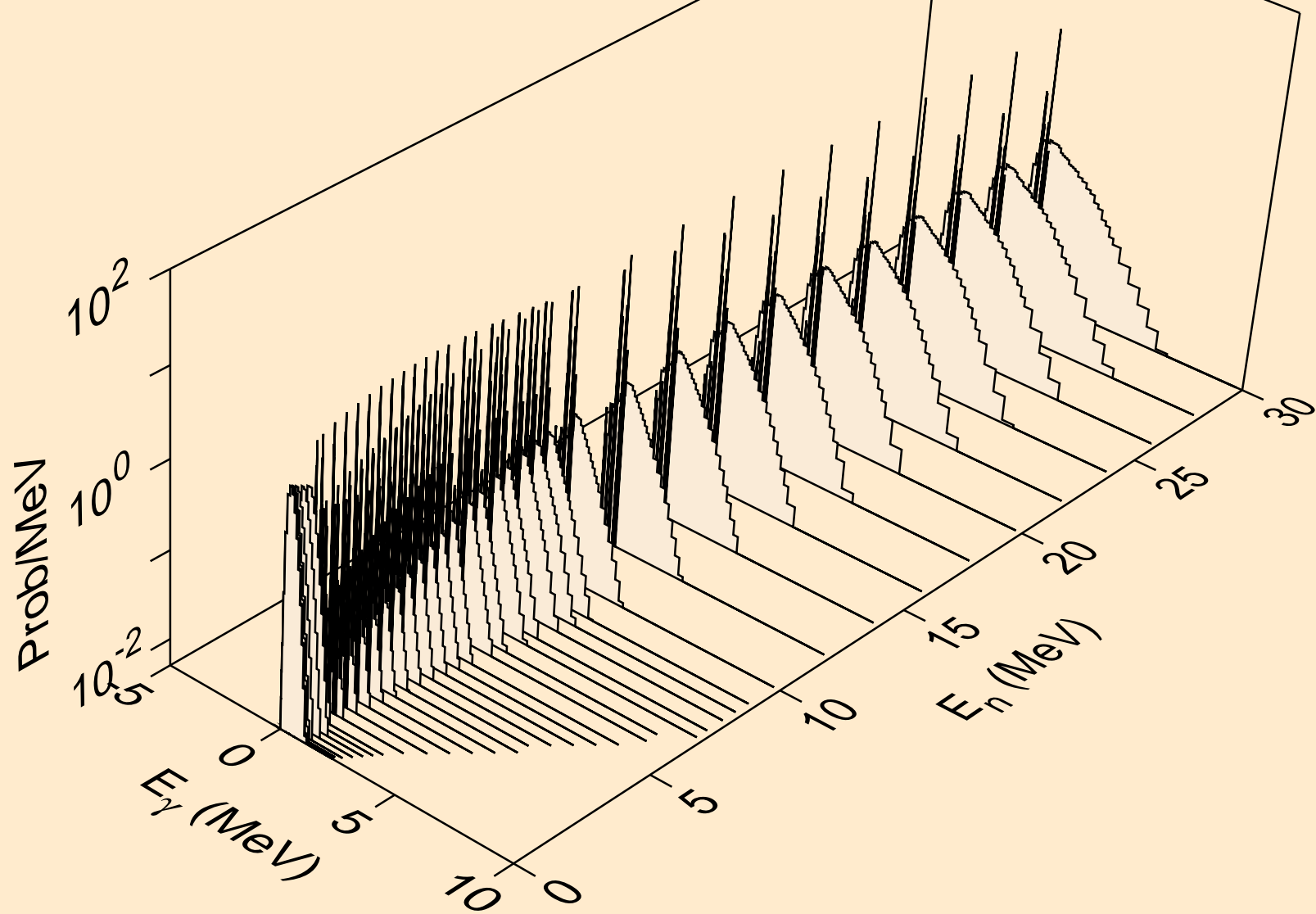
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



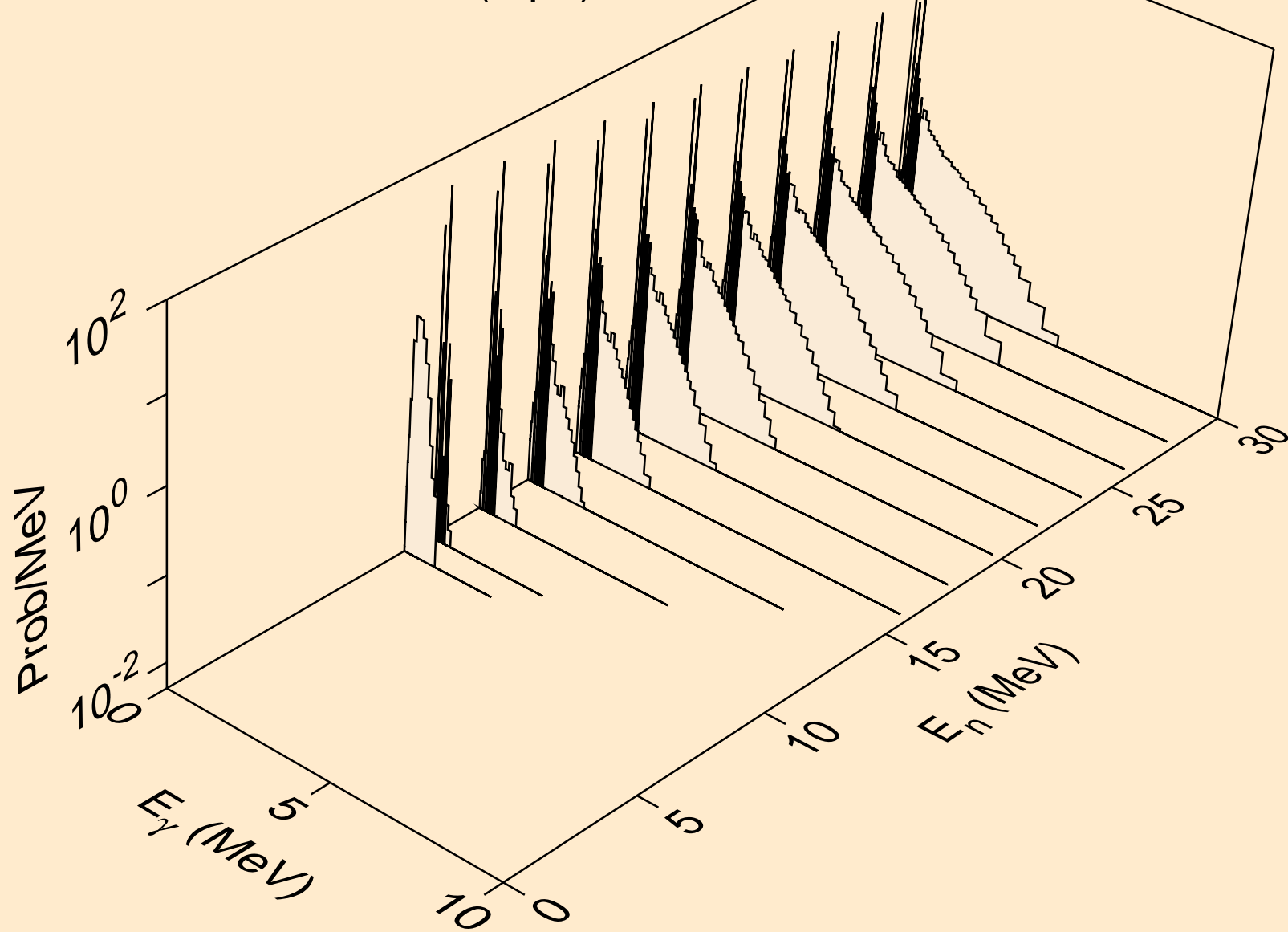
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

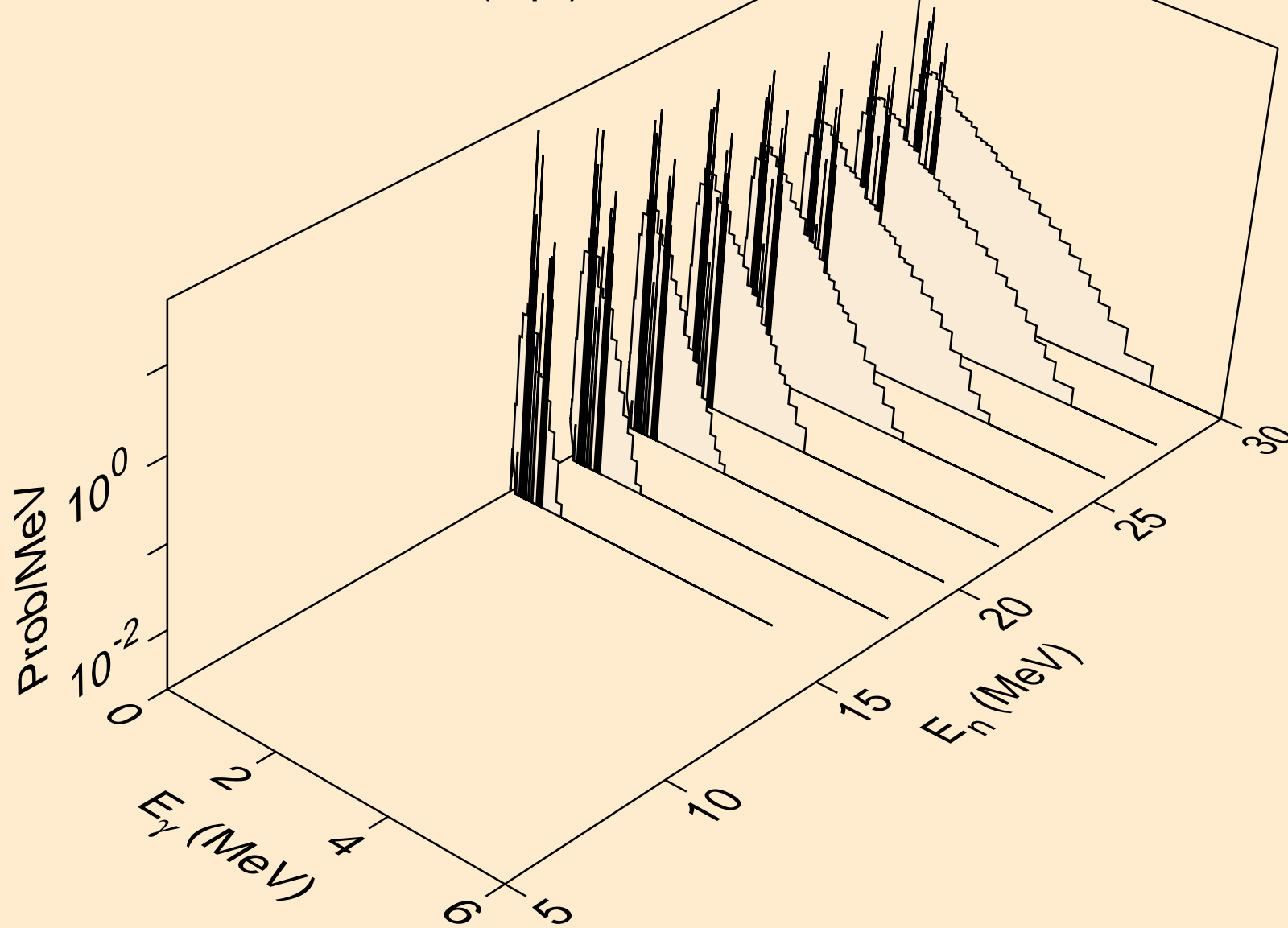


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

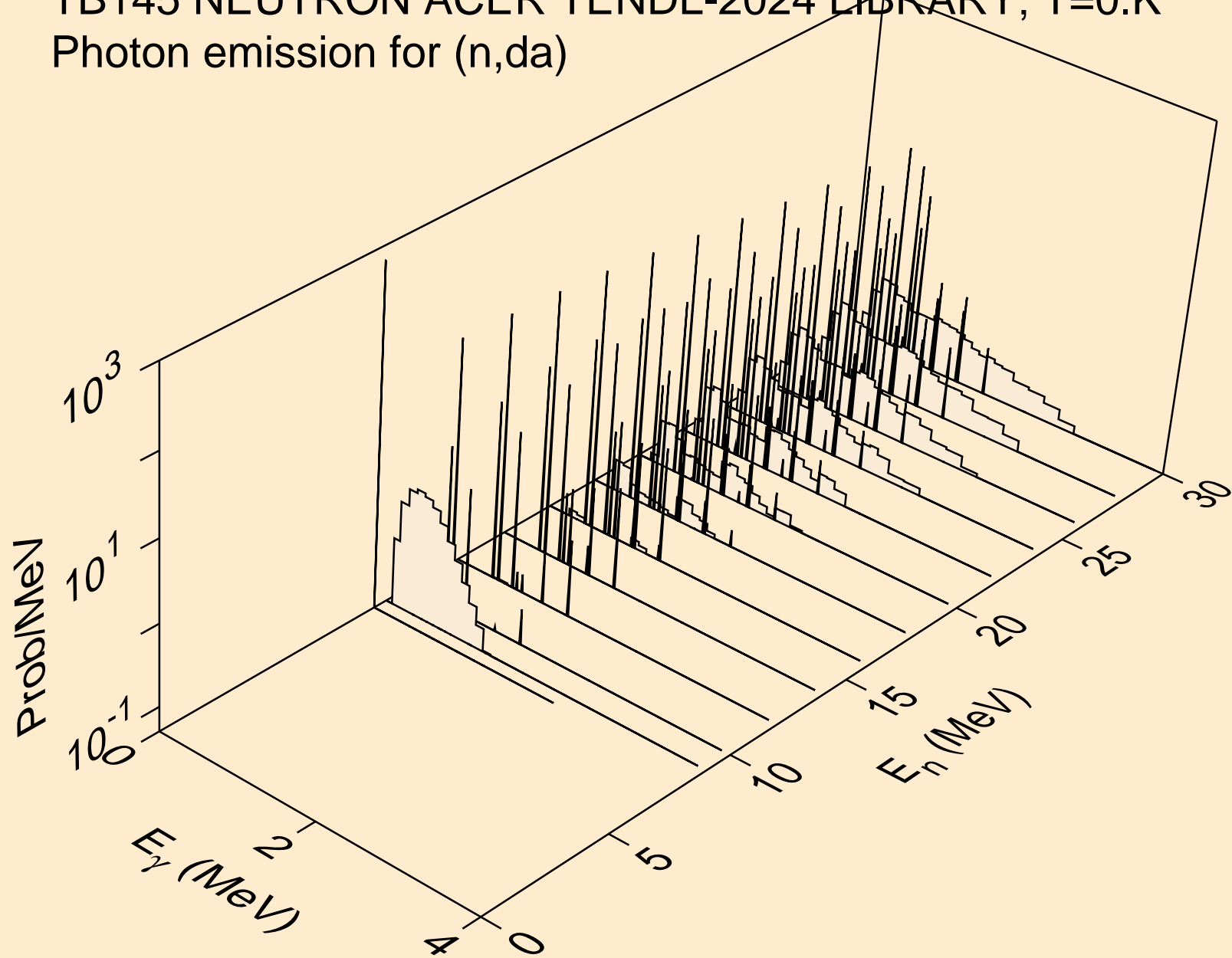




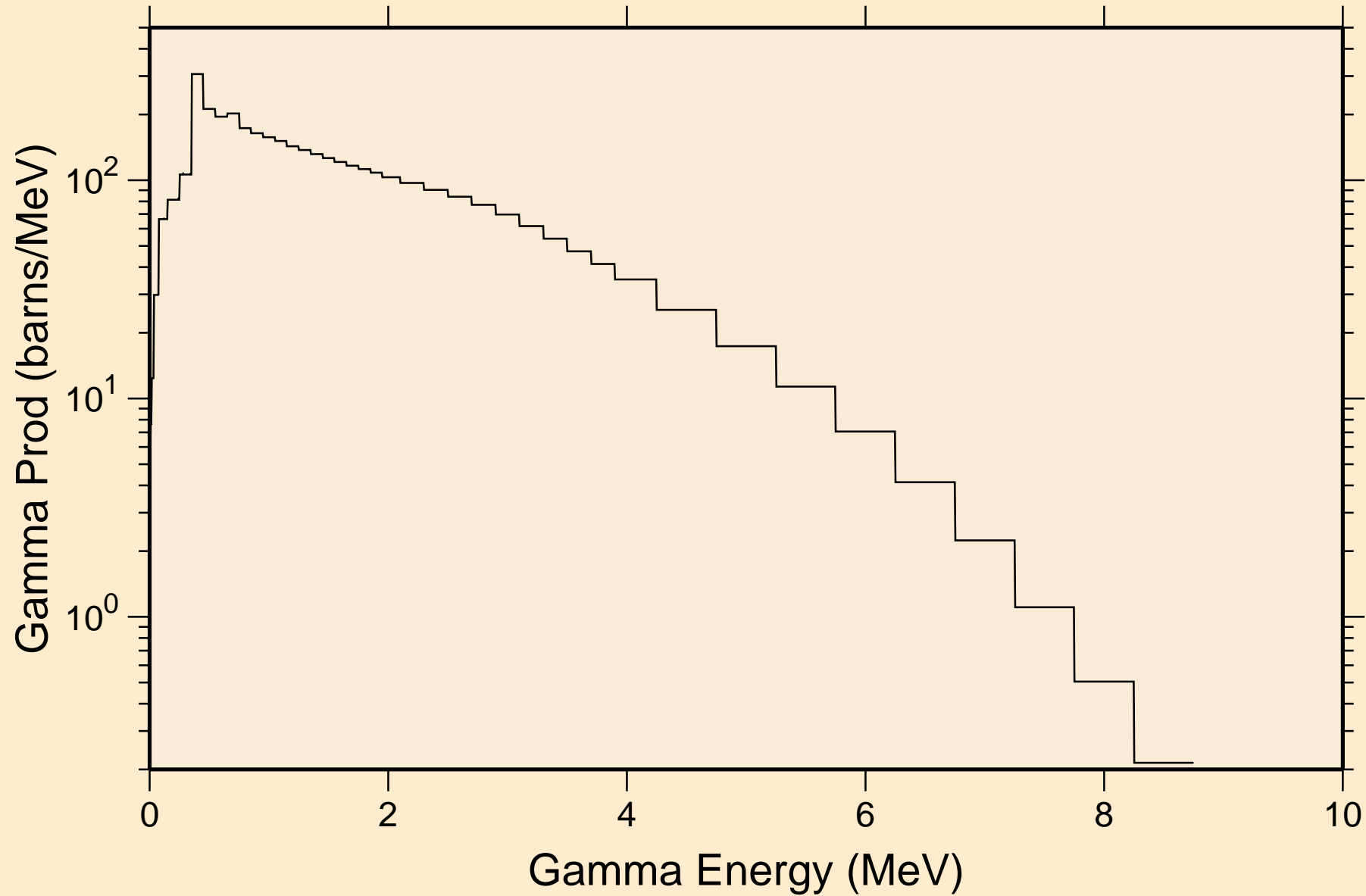
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



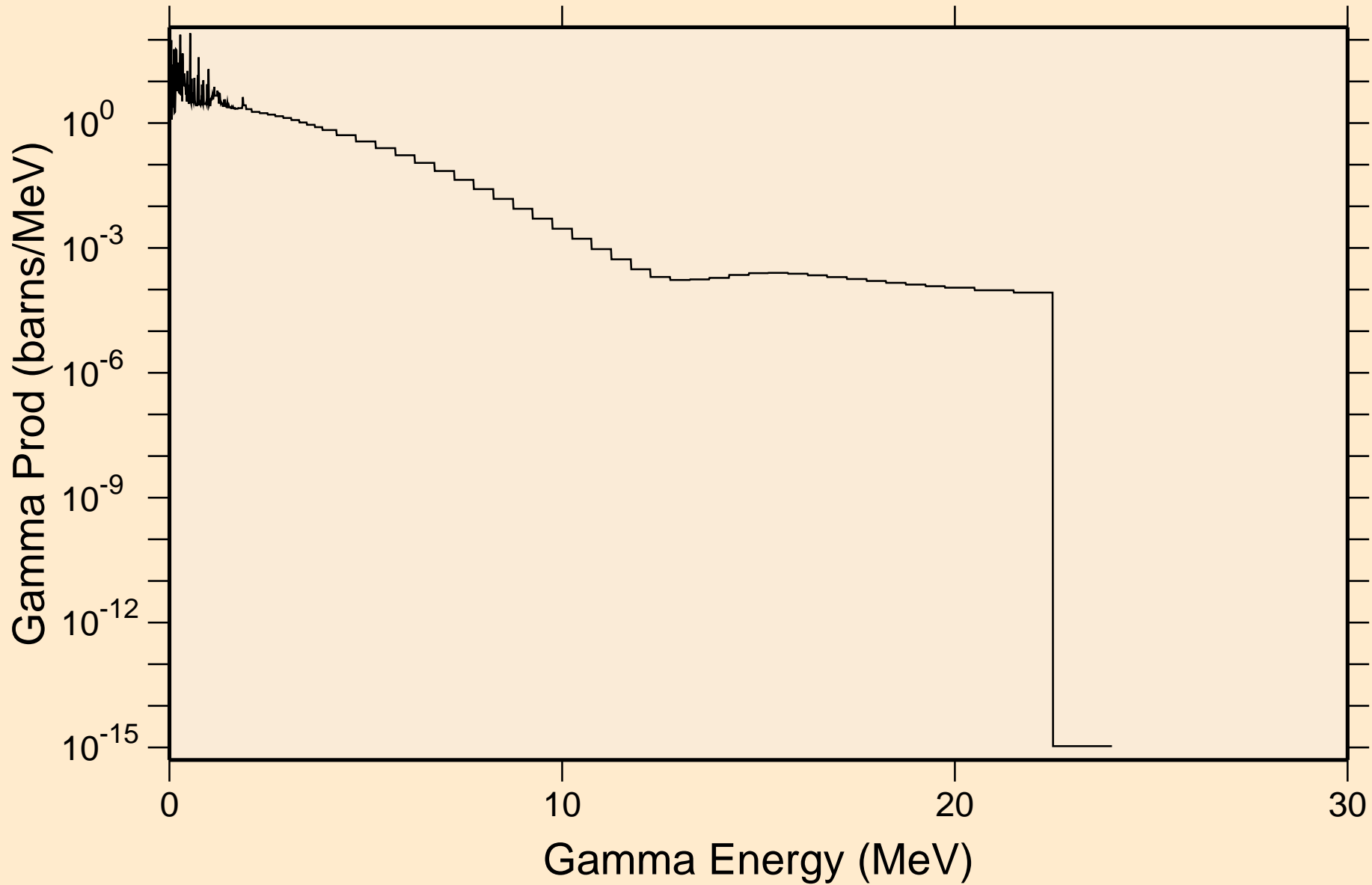
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

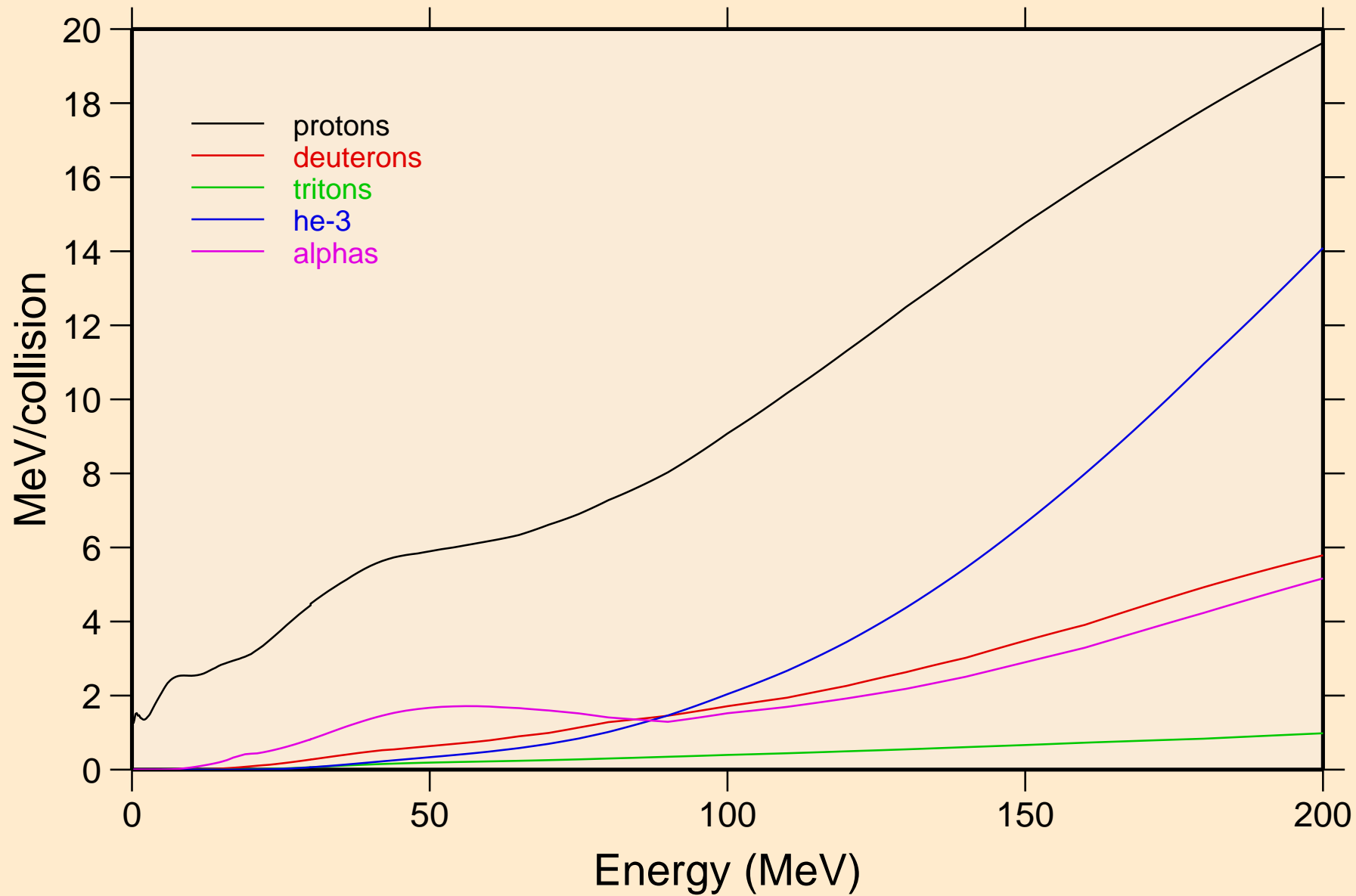


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

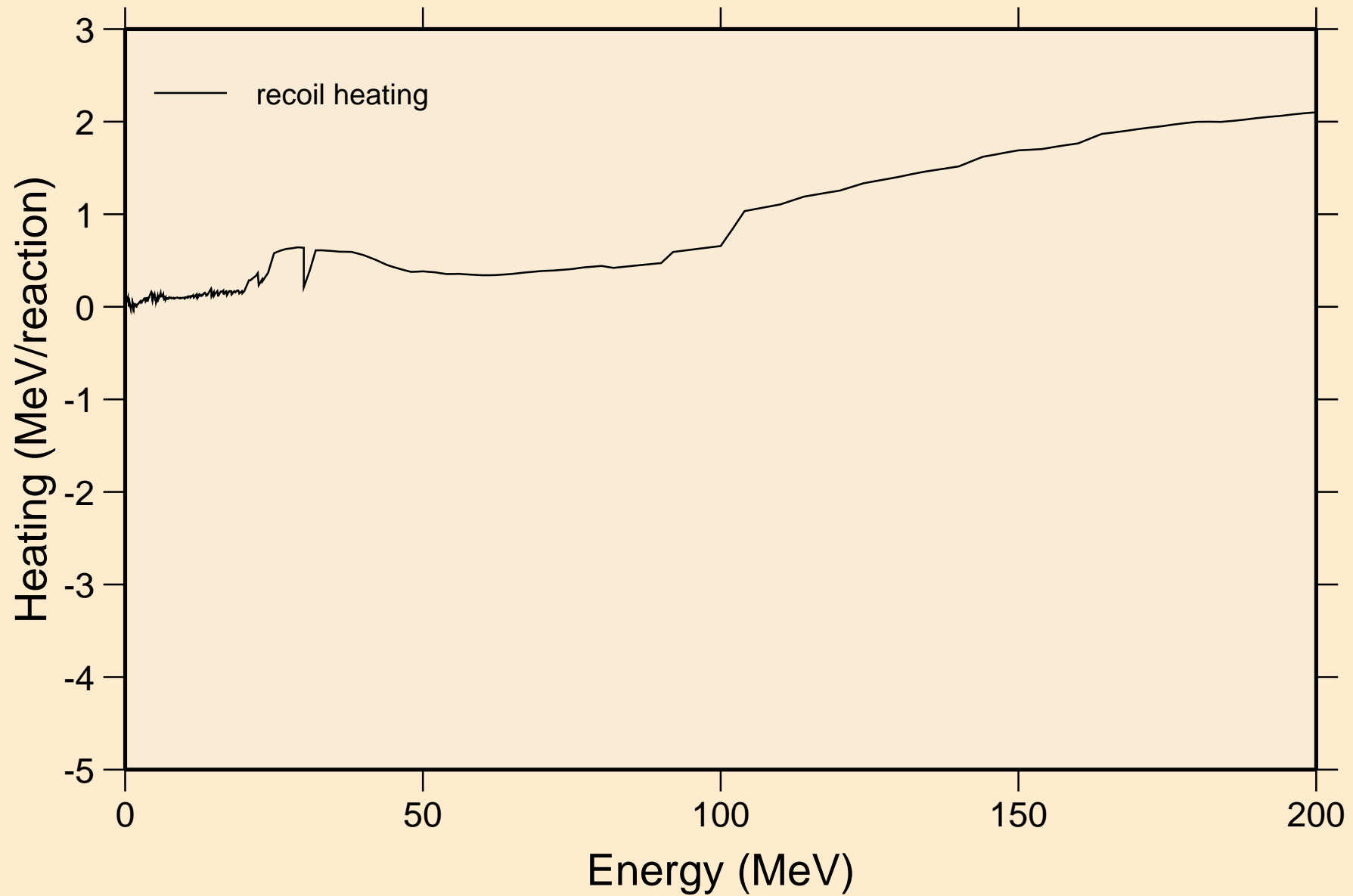


# TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

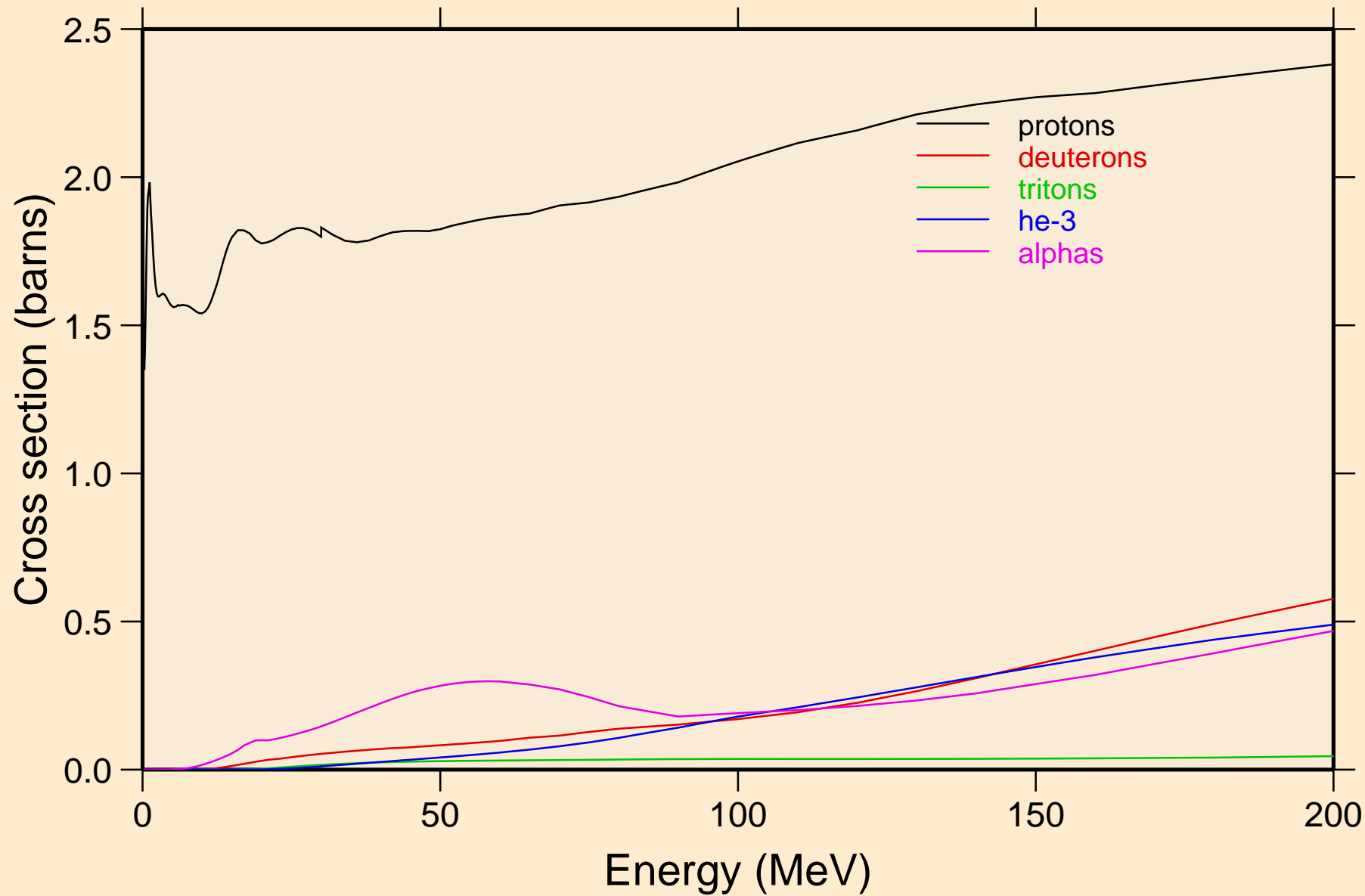
## Particle heating contributions



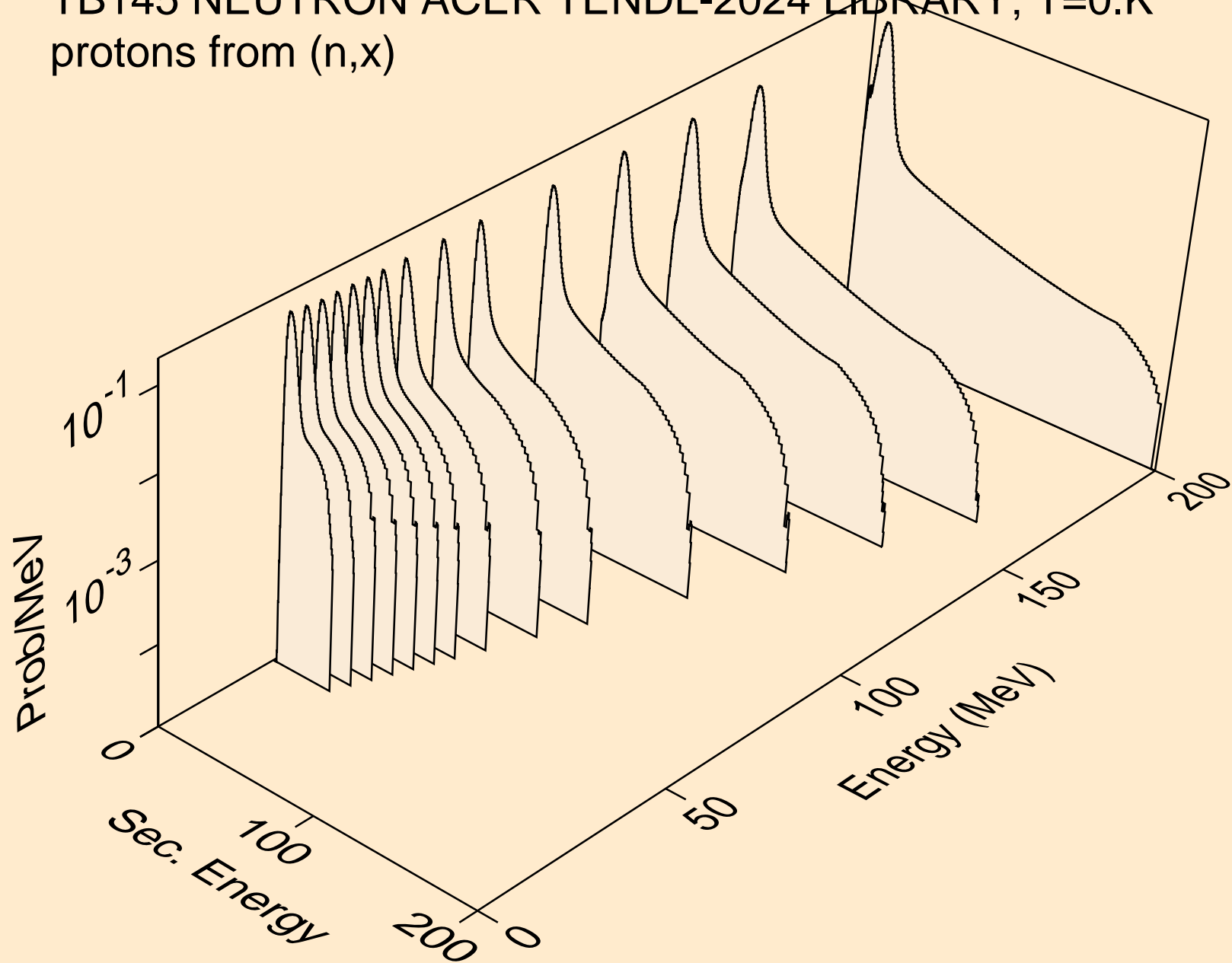
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

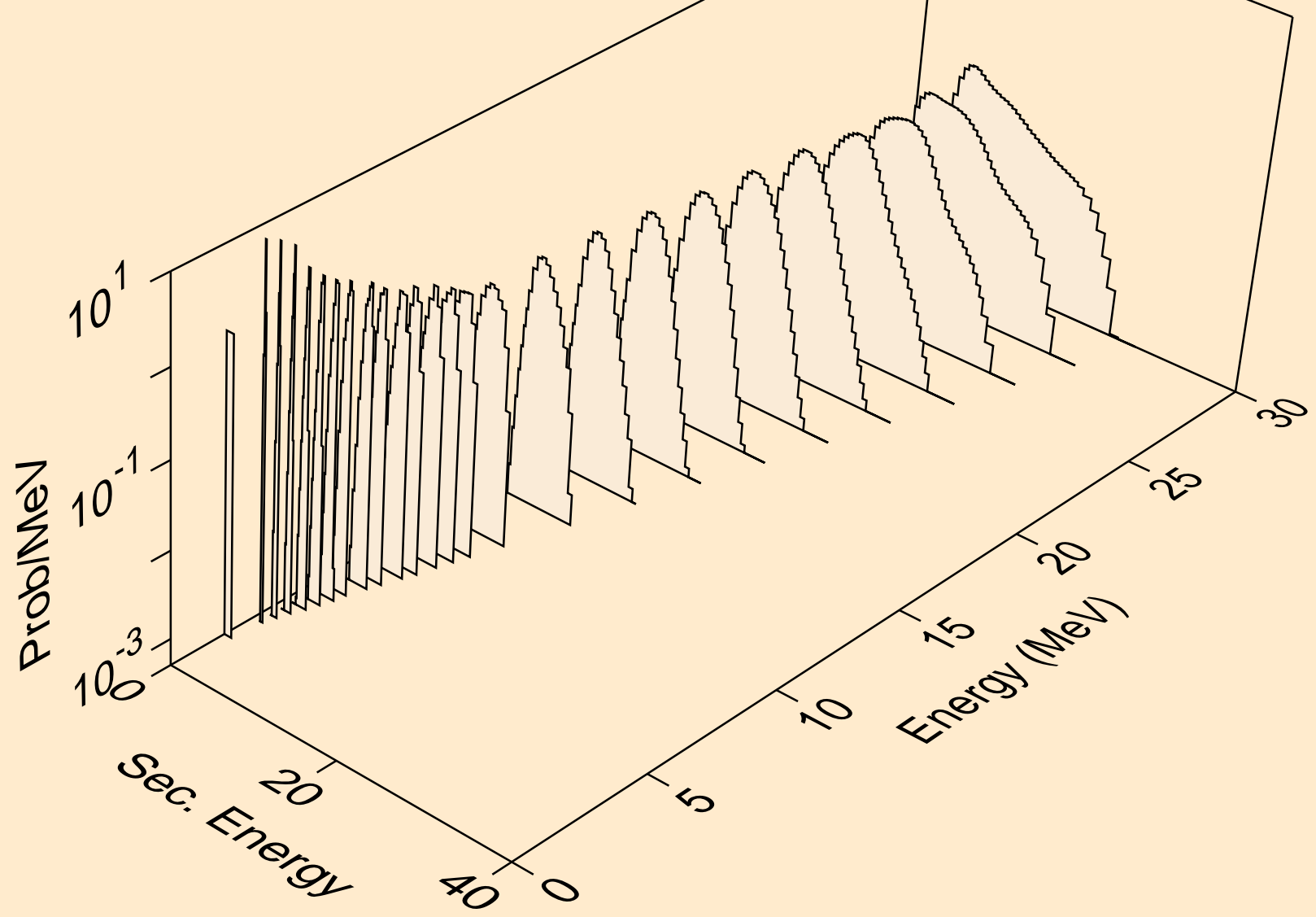


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

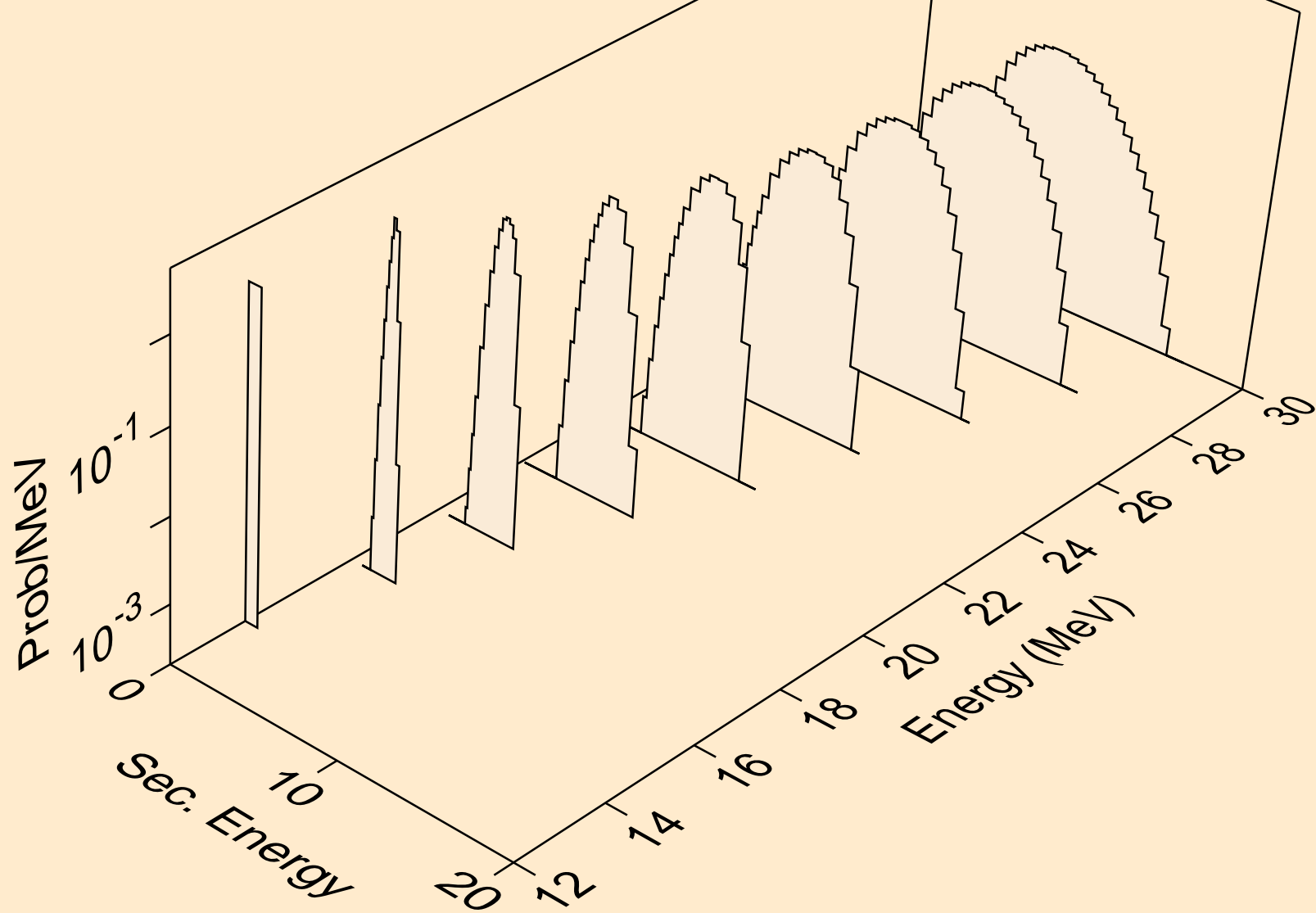




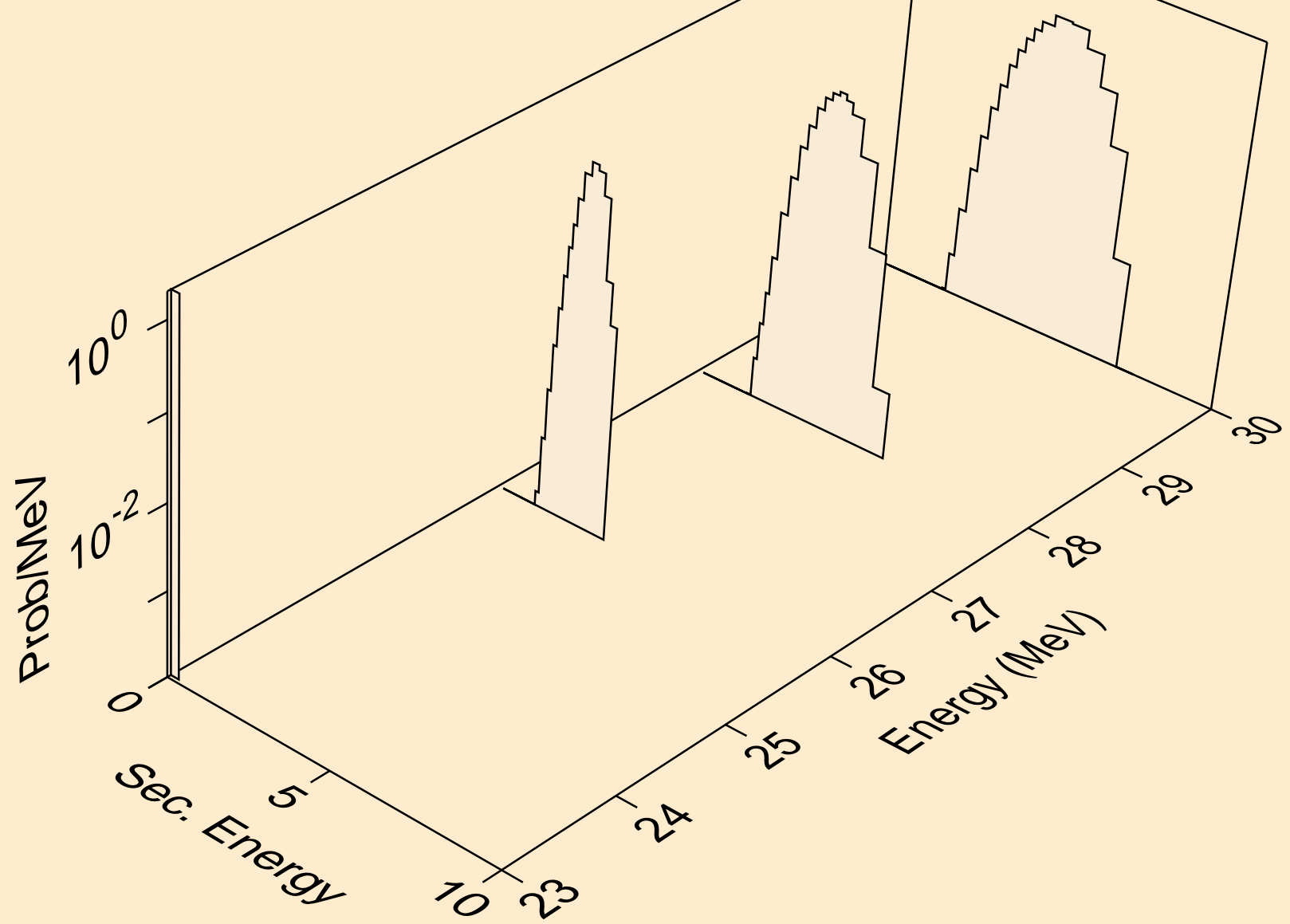
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



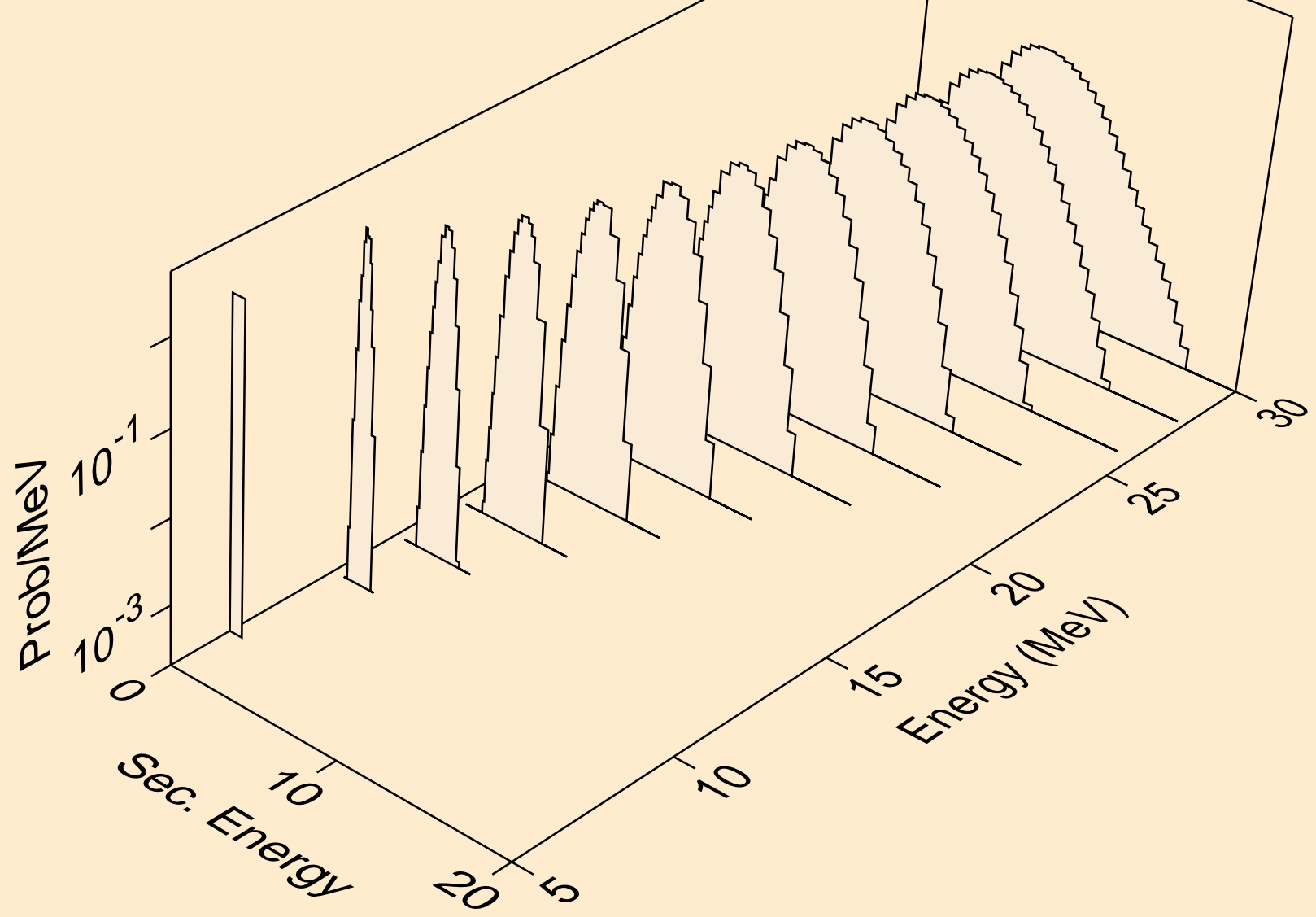
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



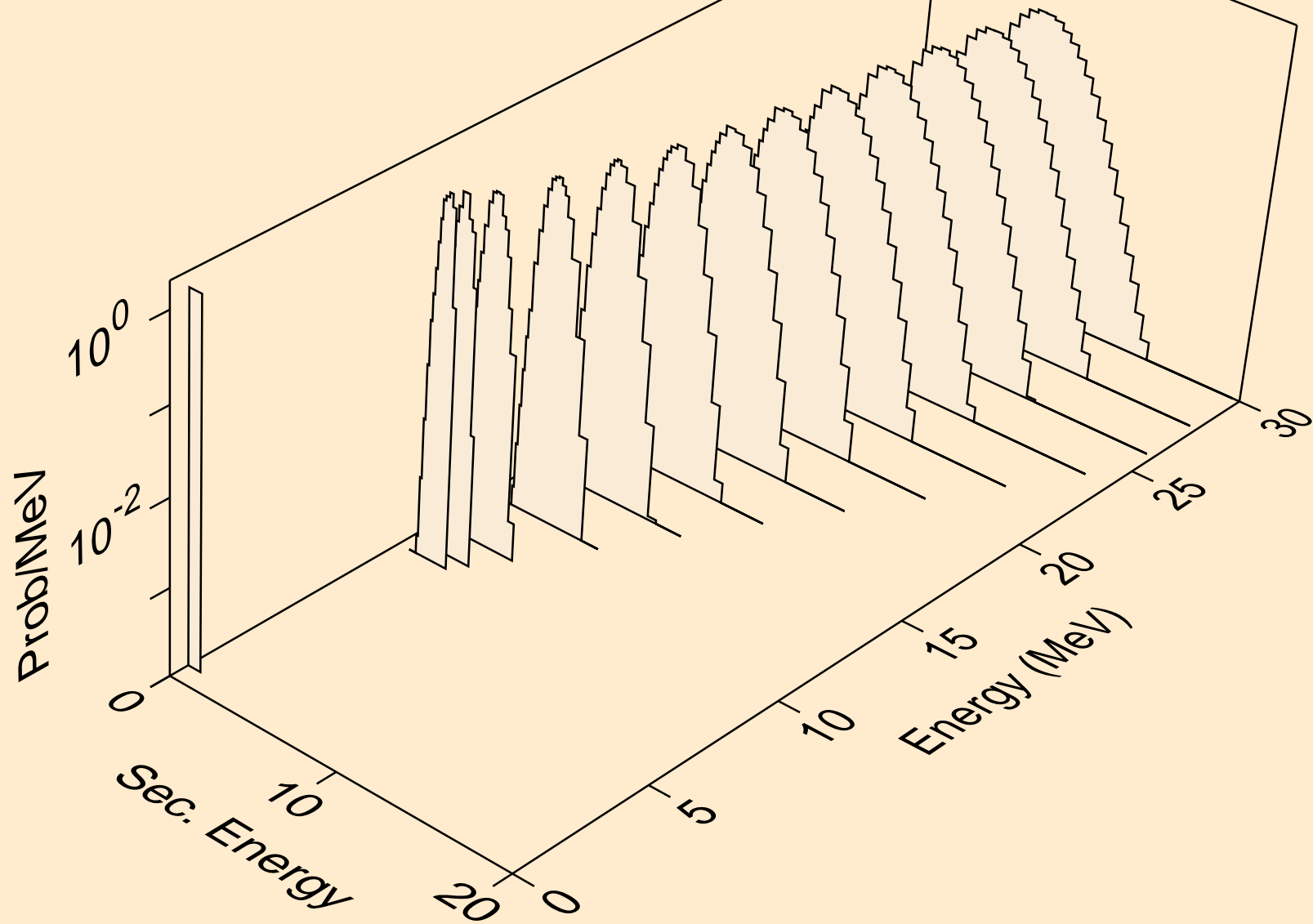
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



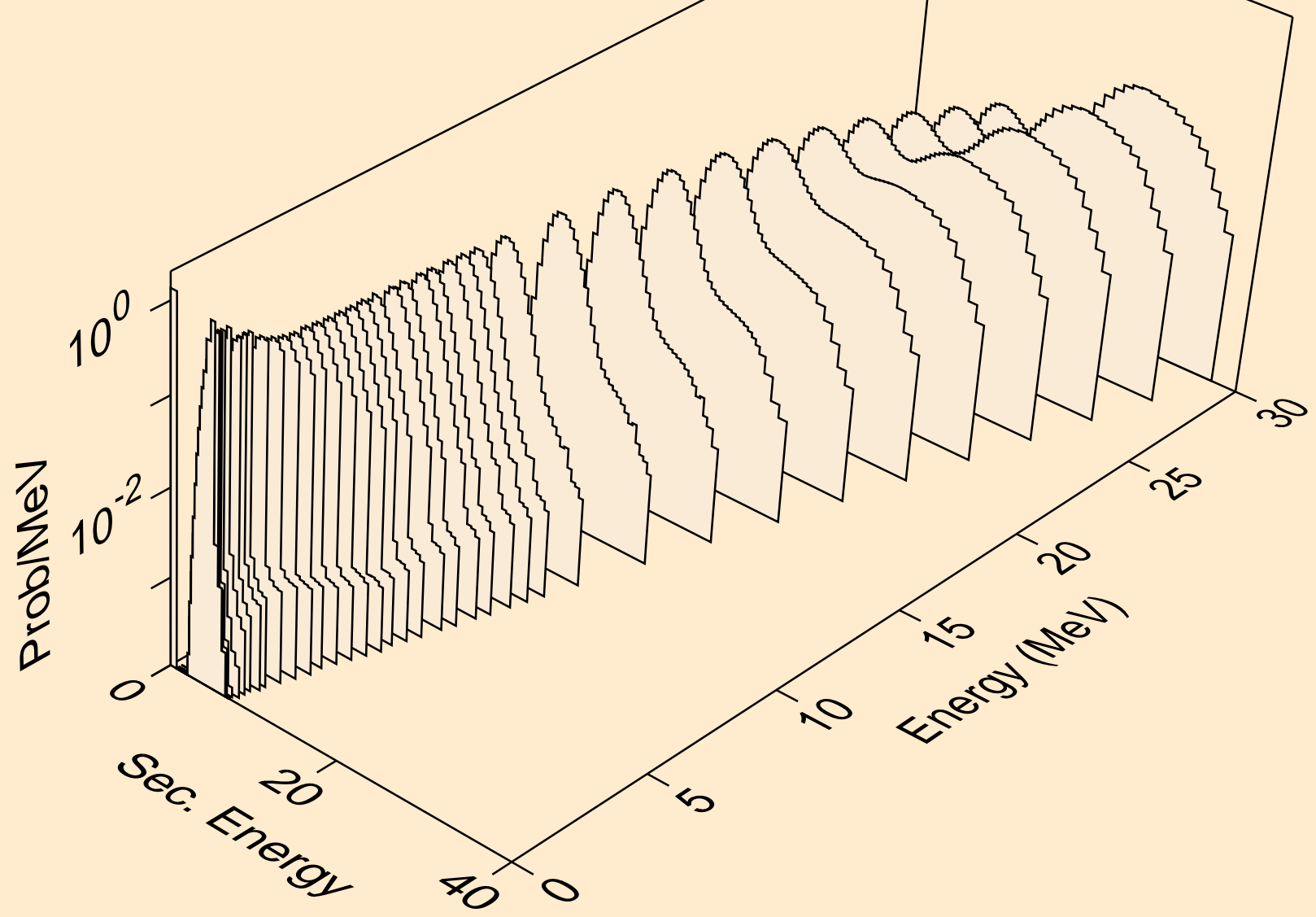
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



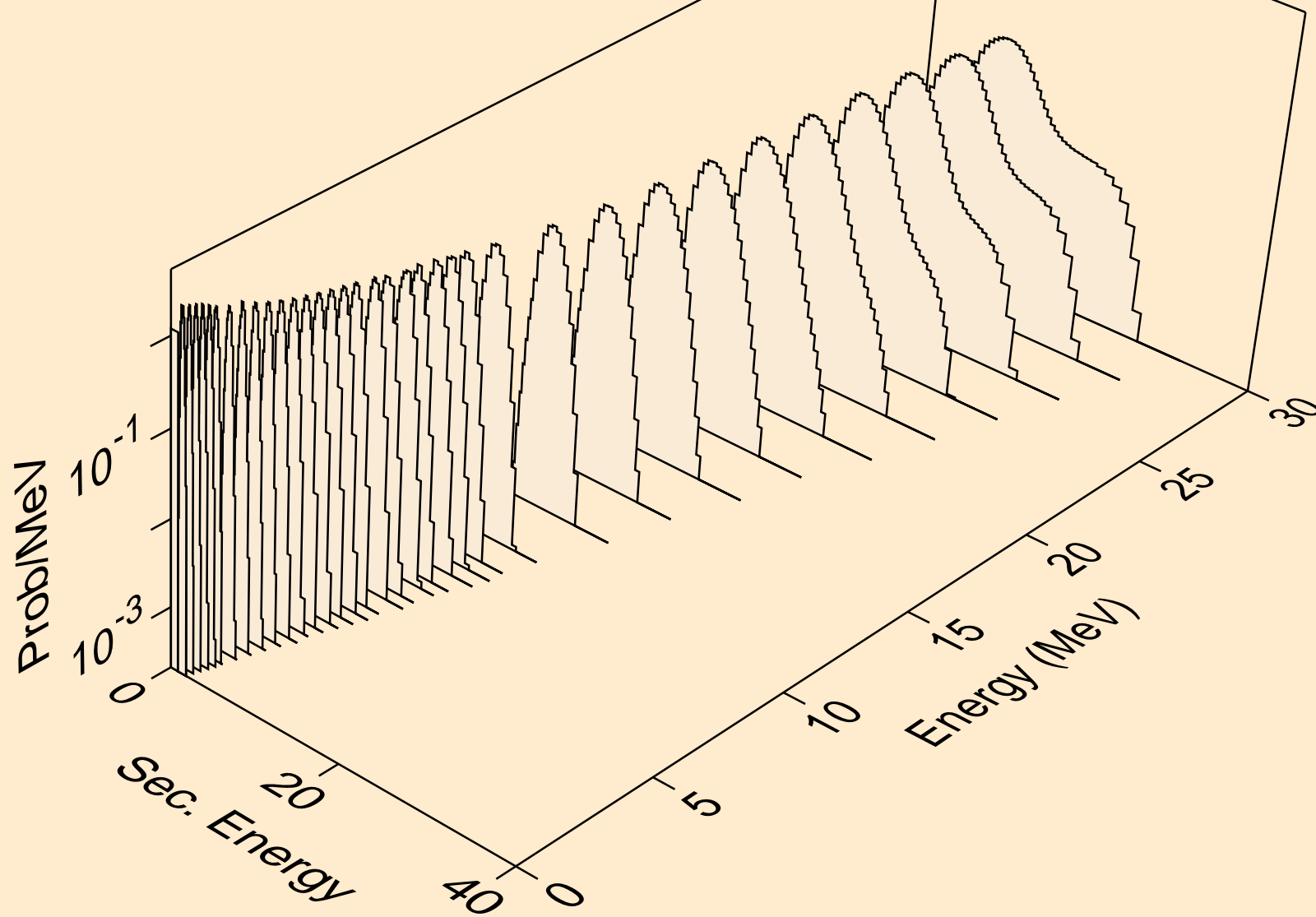
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



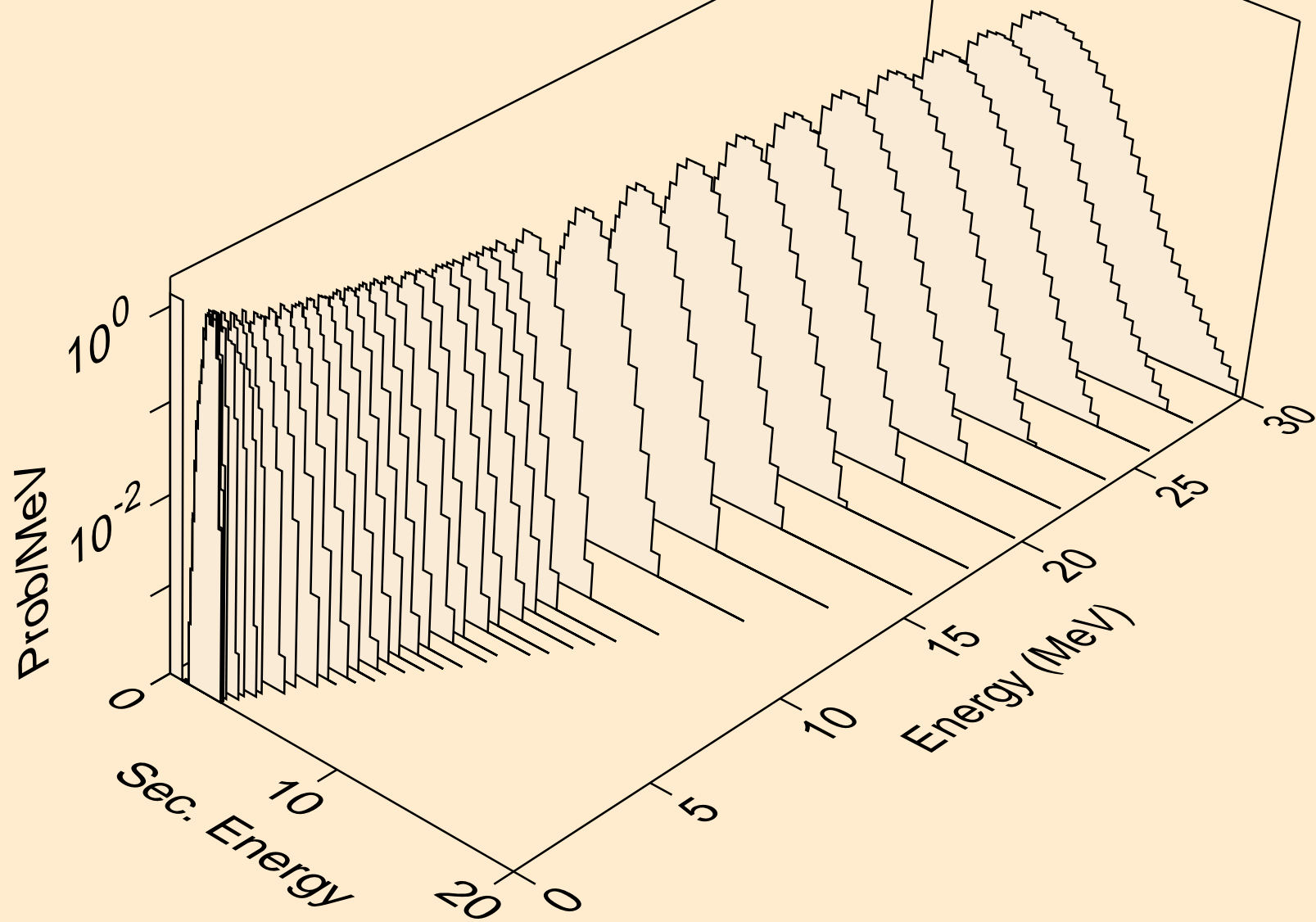
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

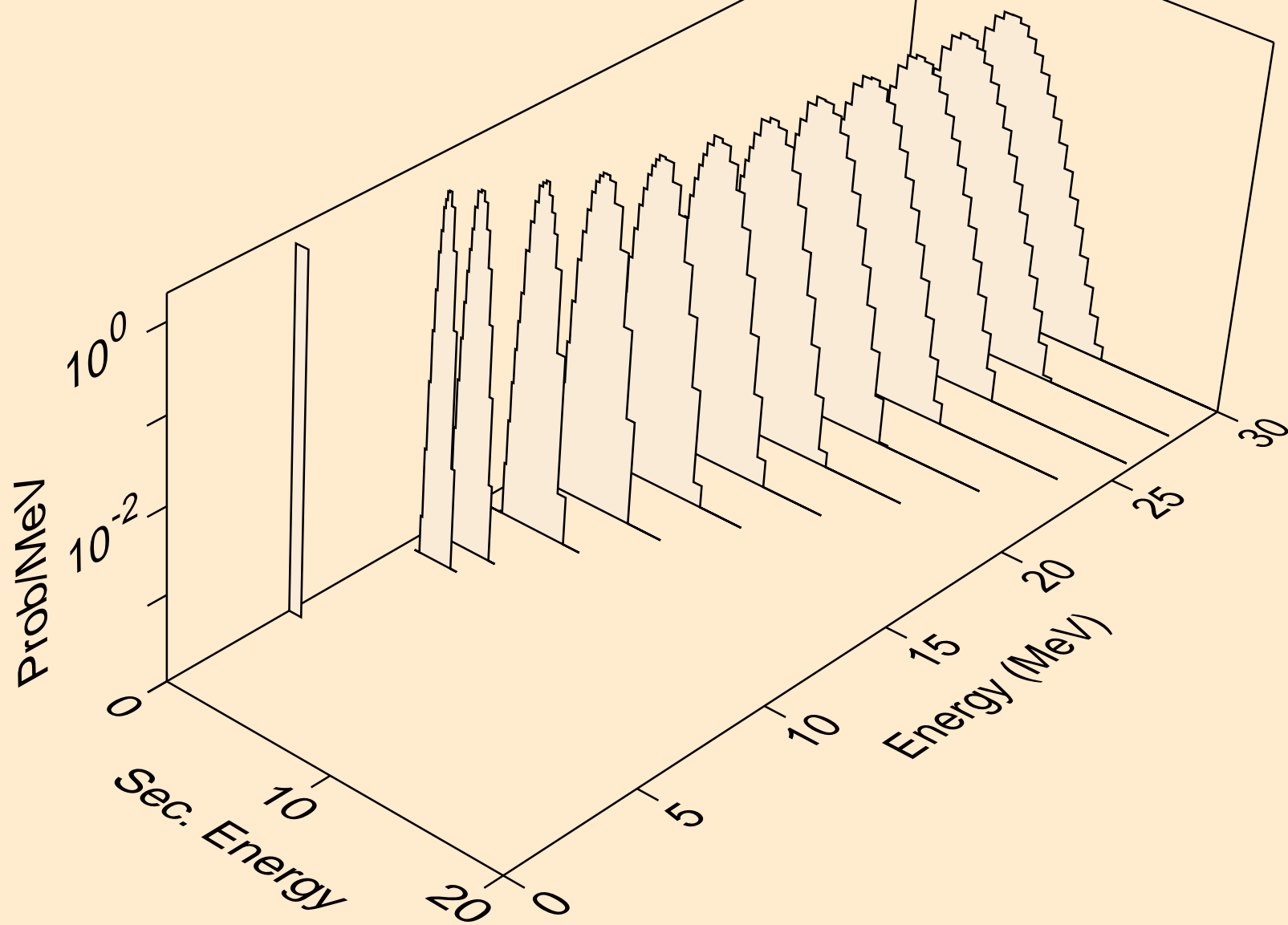


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

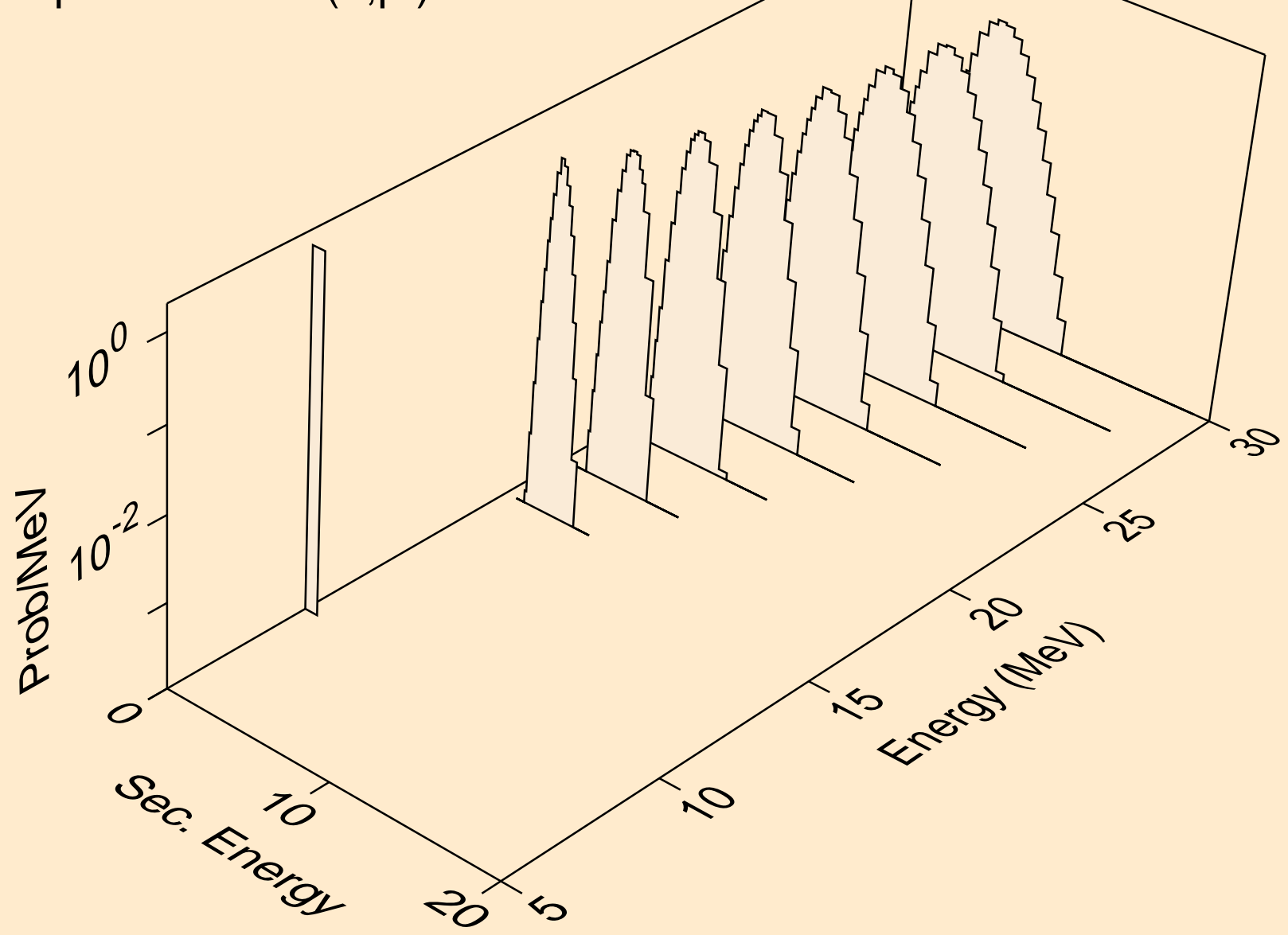




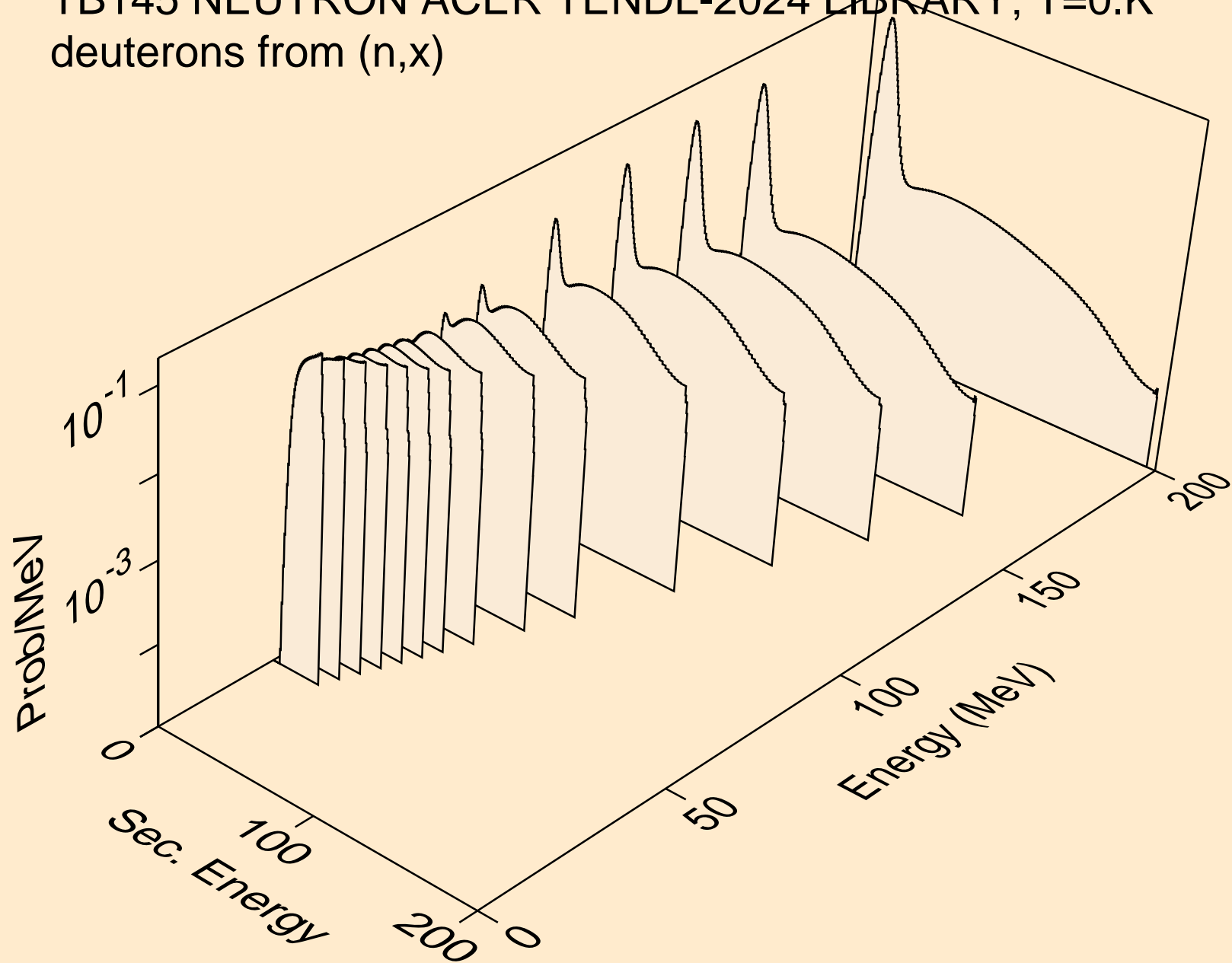
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



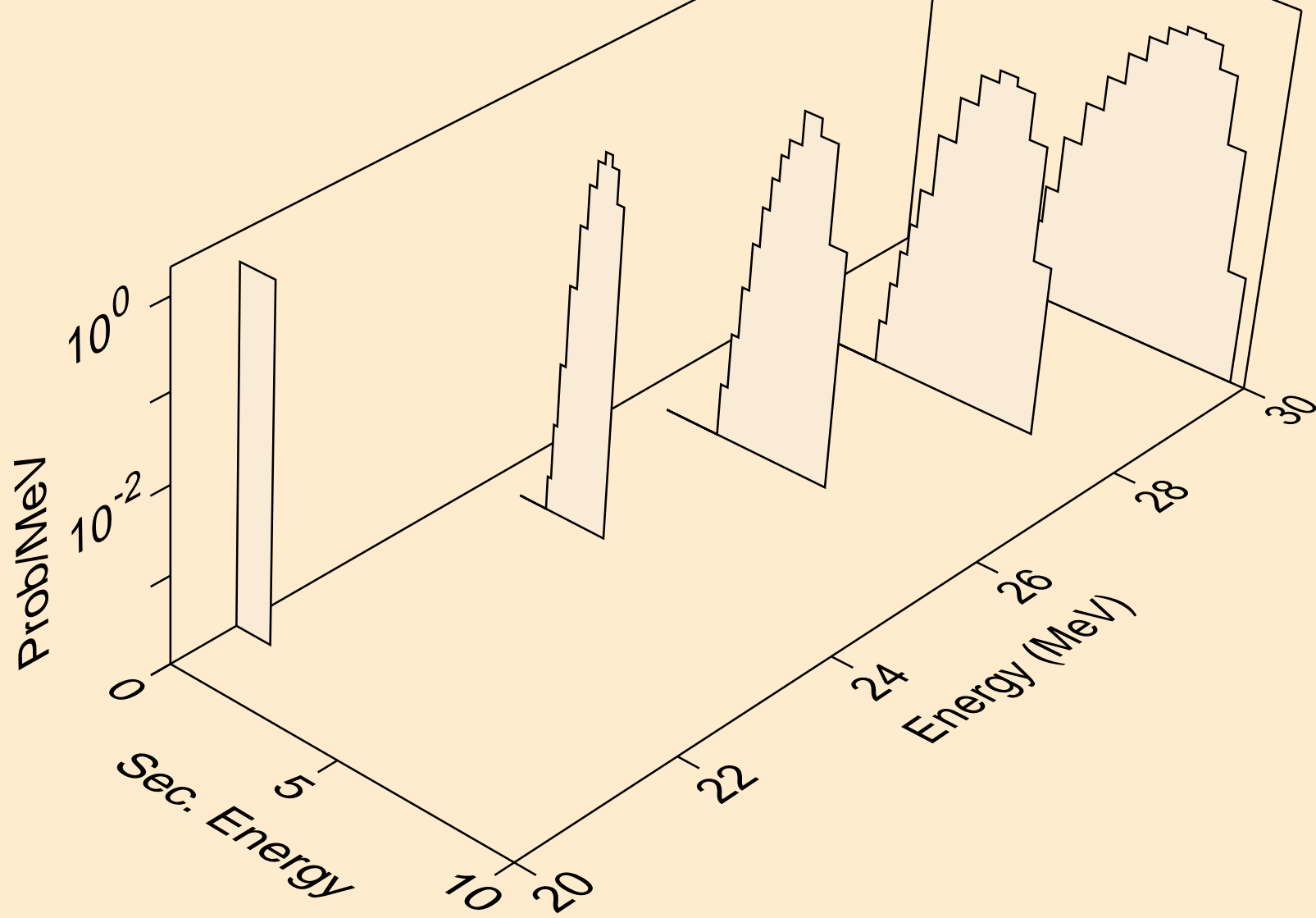
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



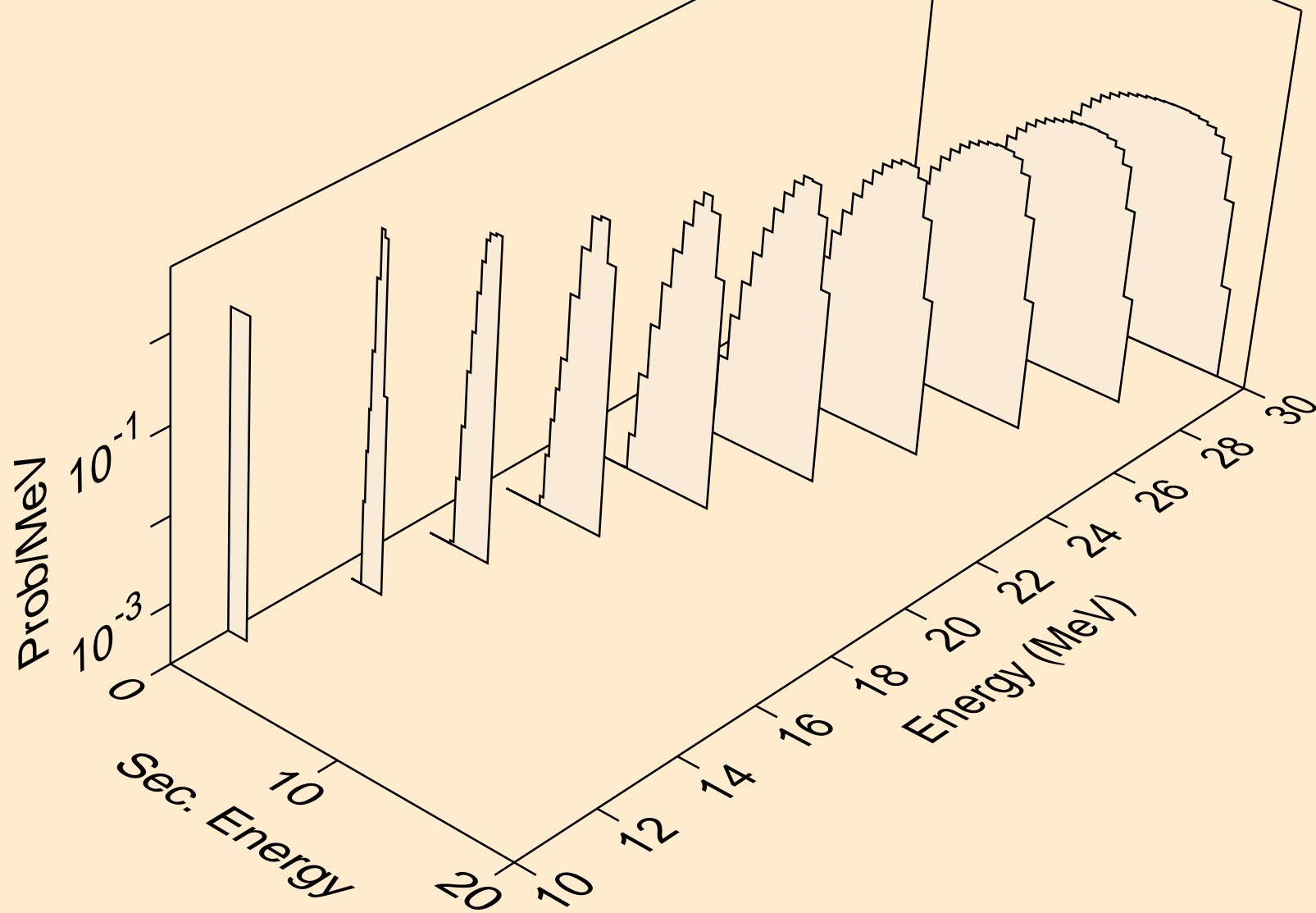
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



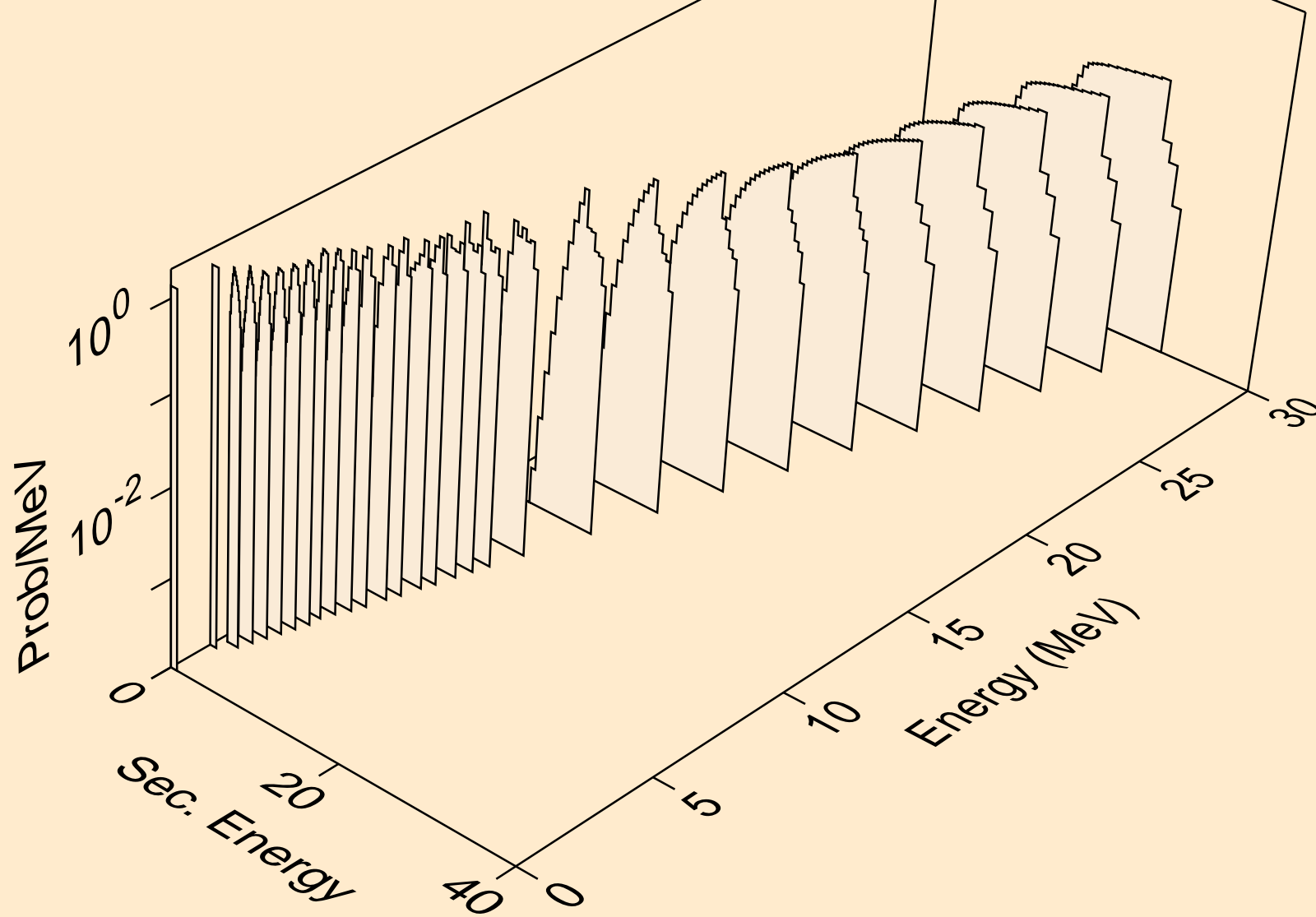
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



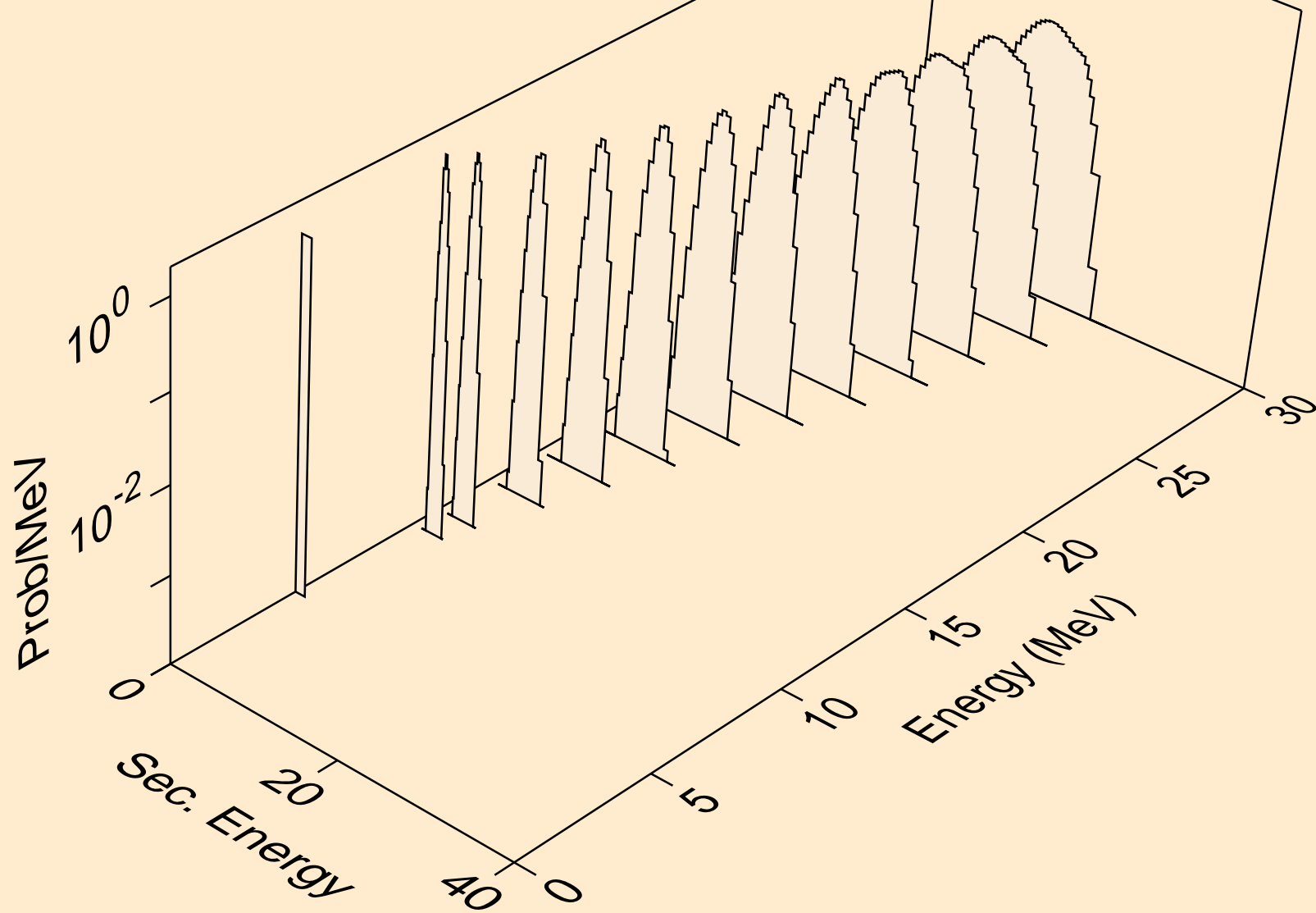
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



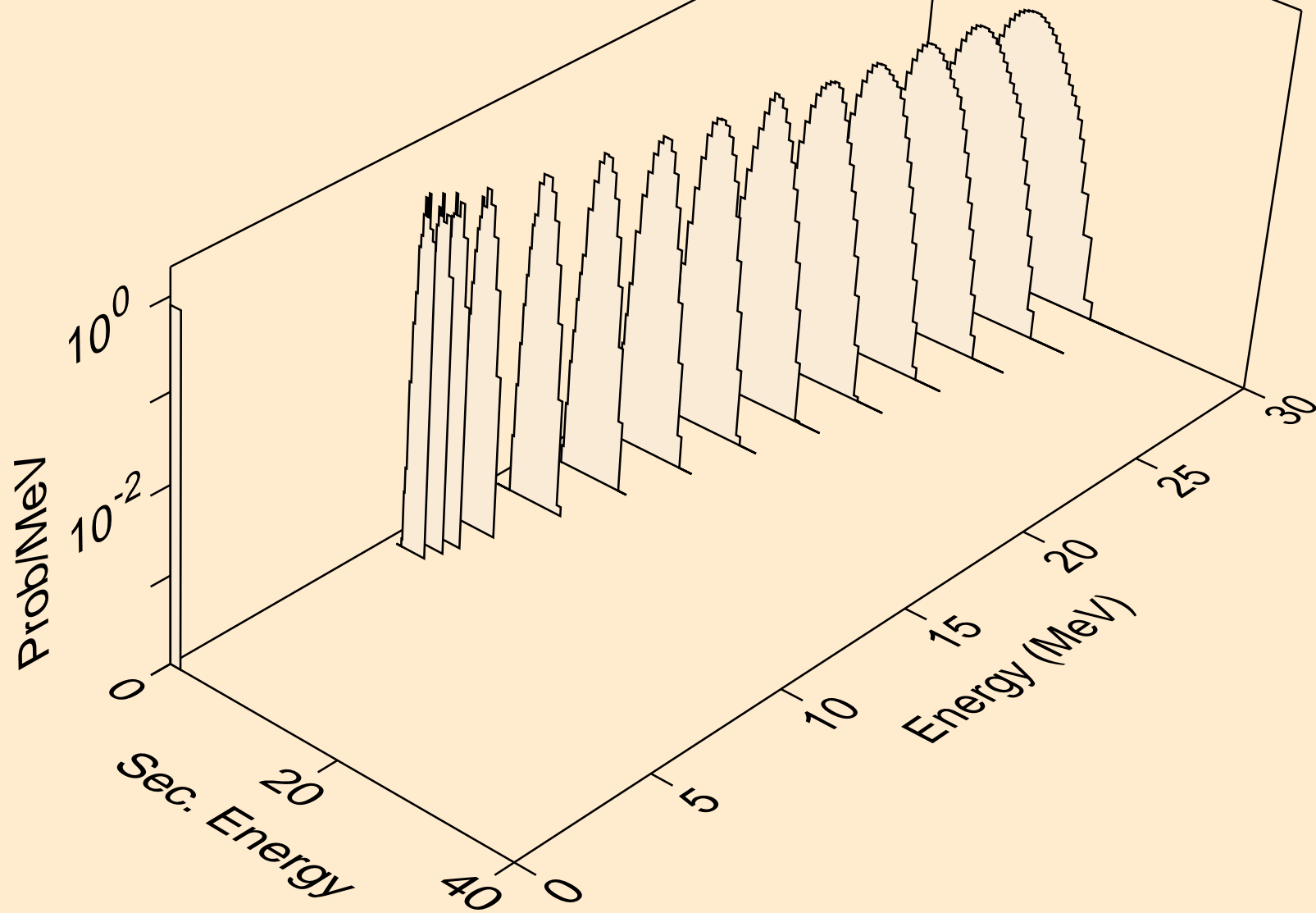
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

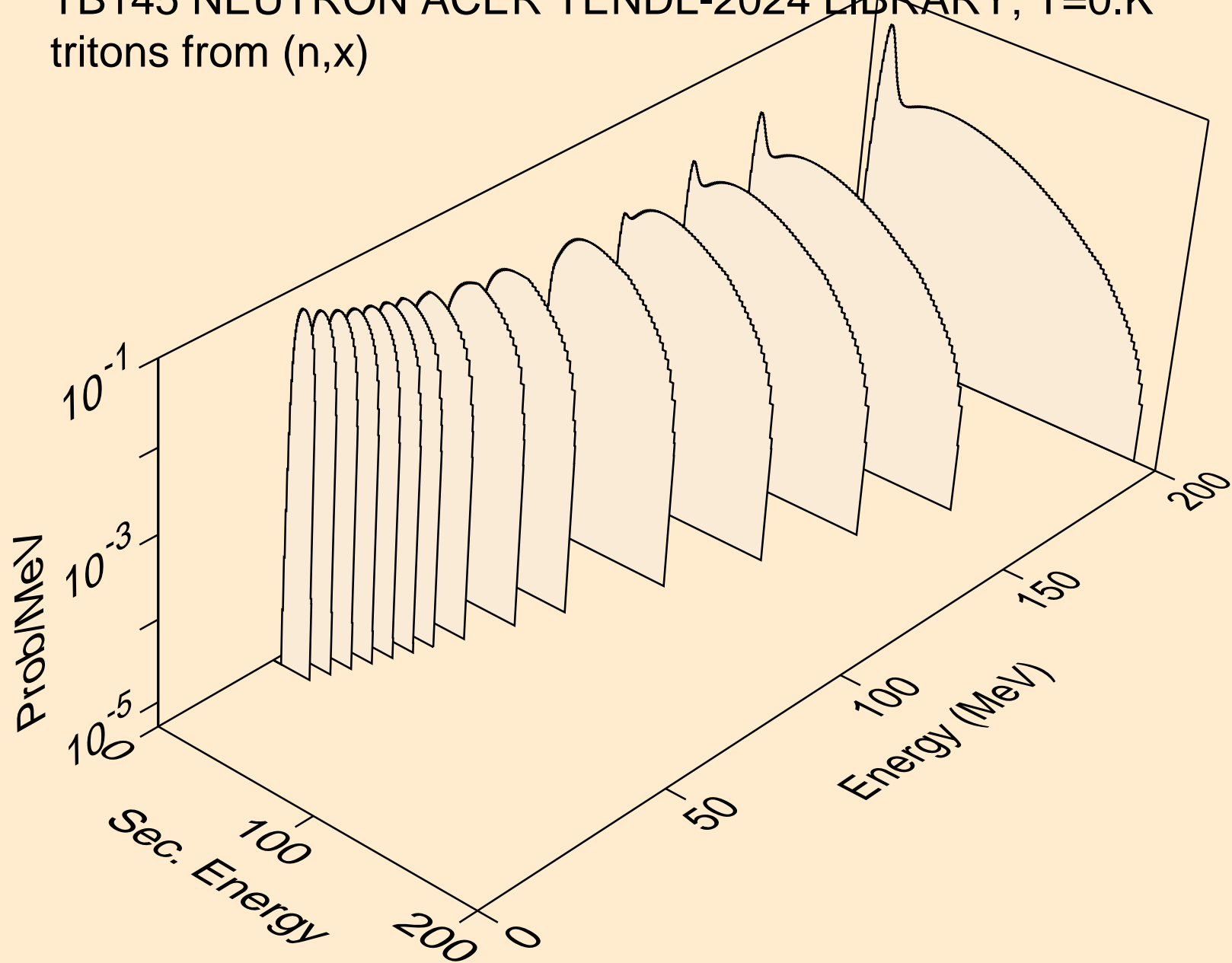


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

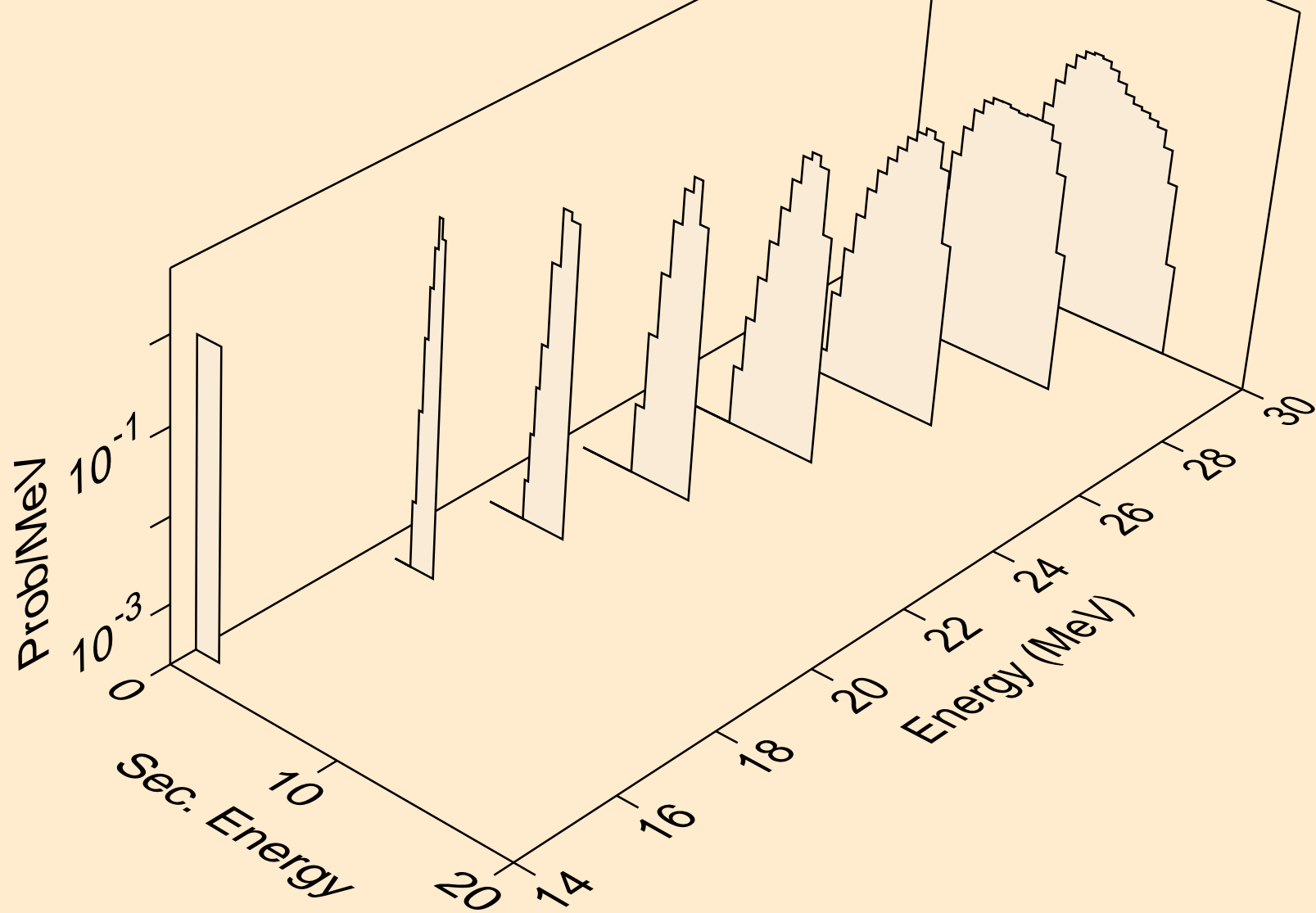




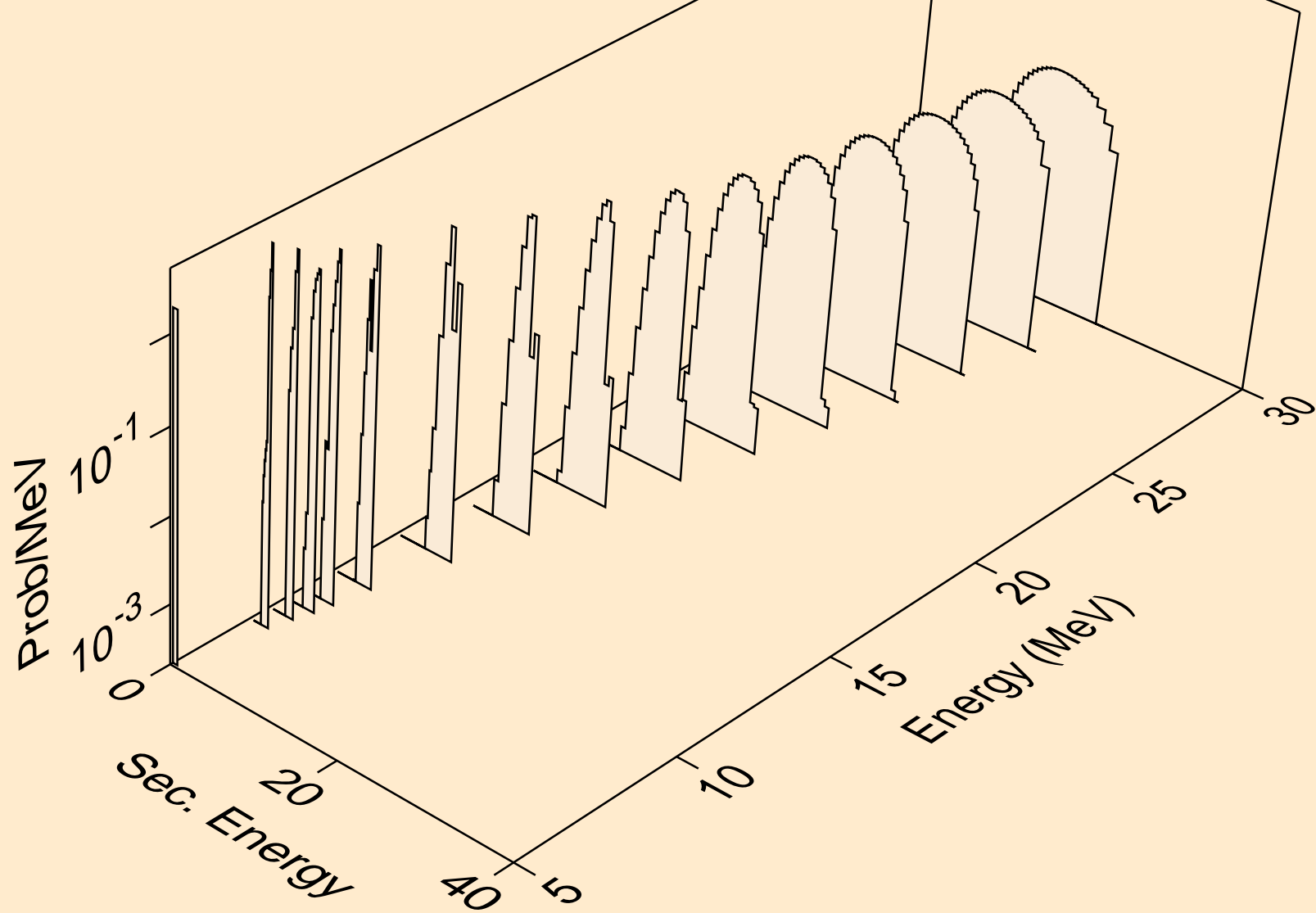
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



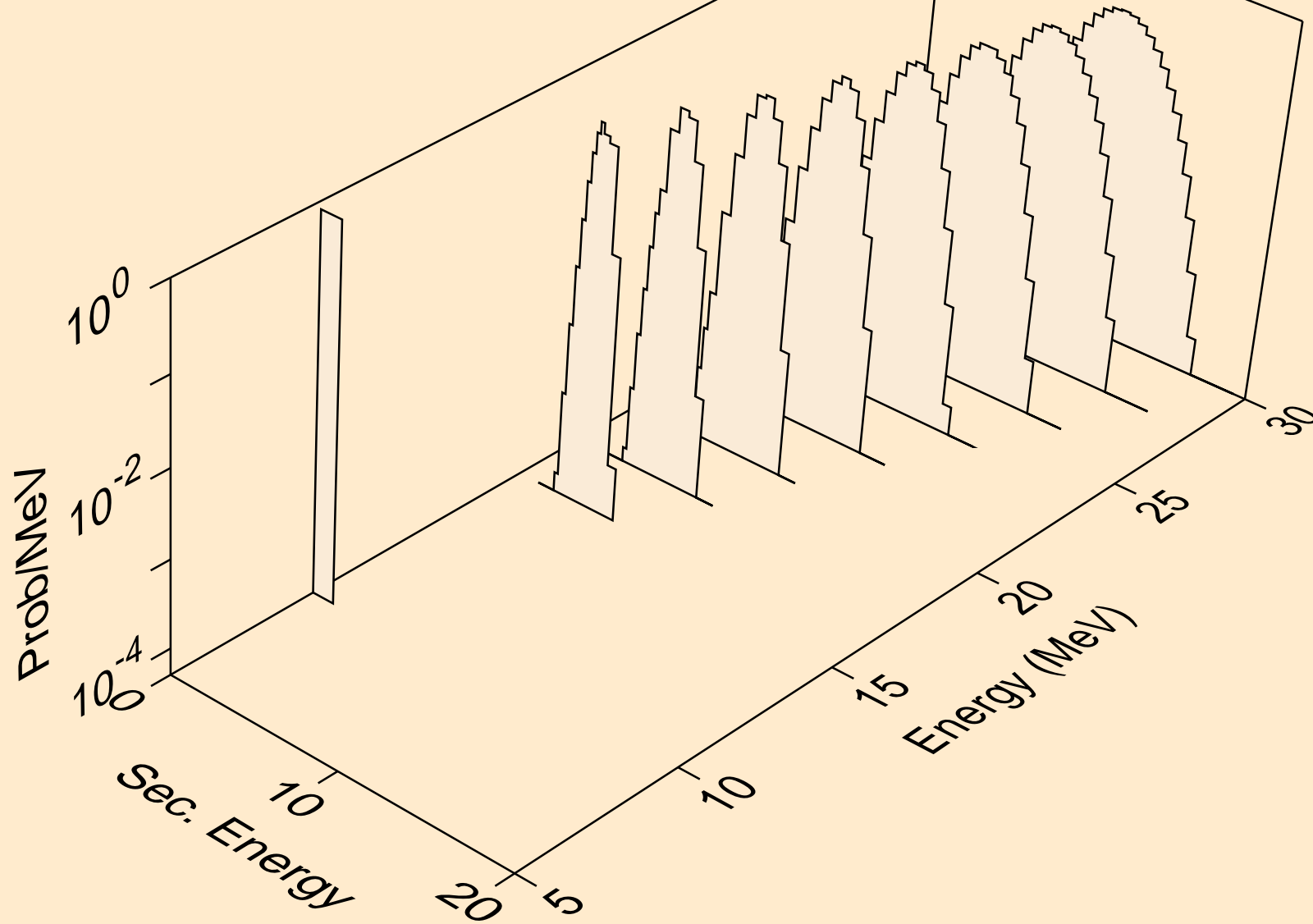
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



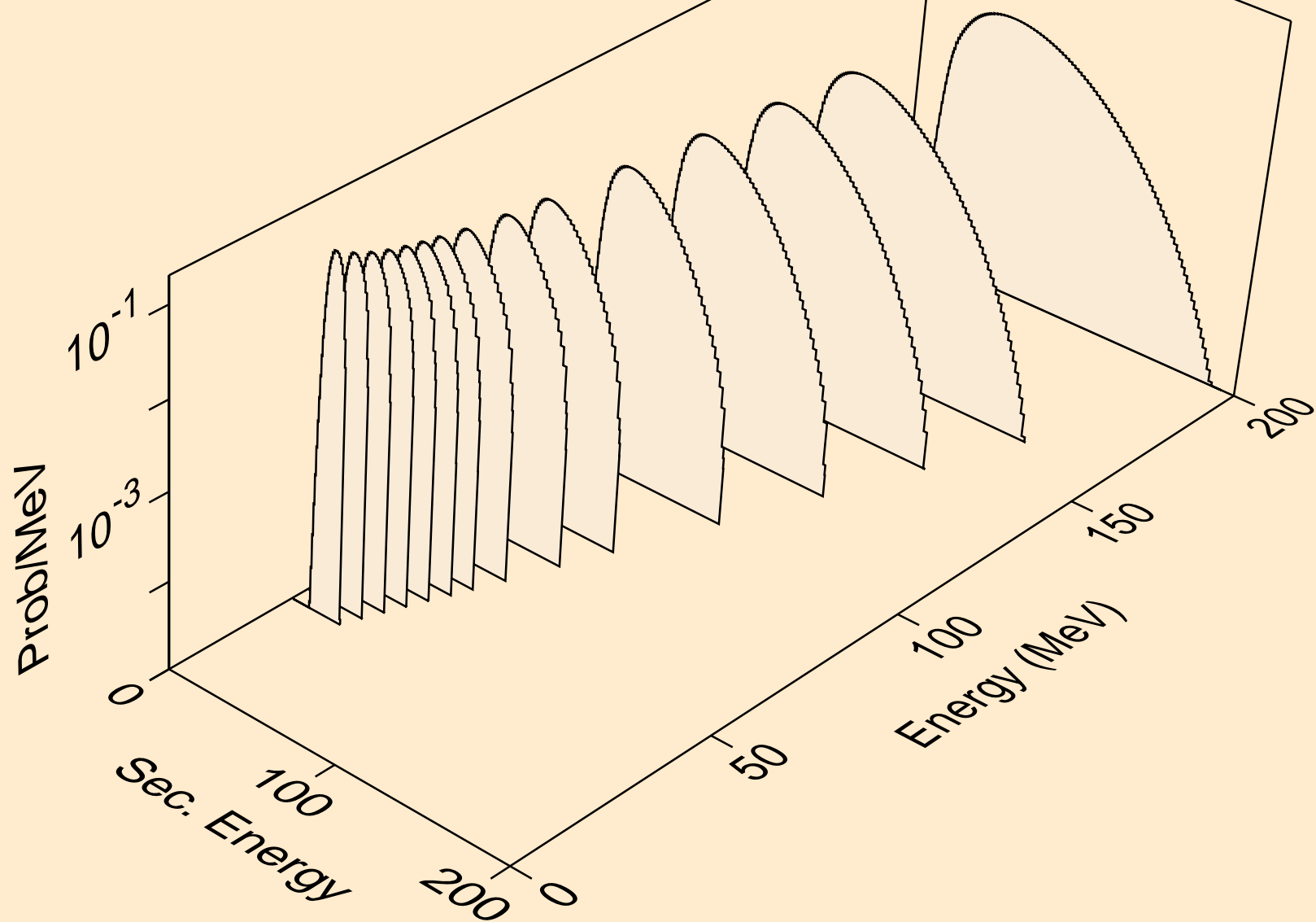
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



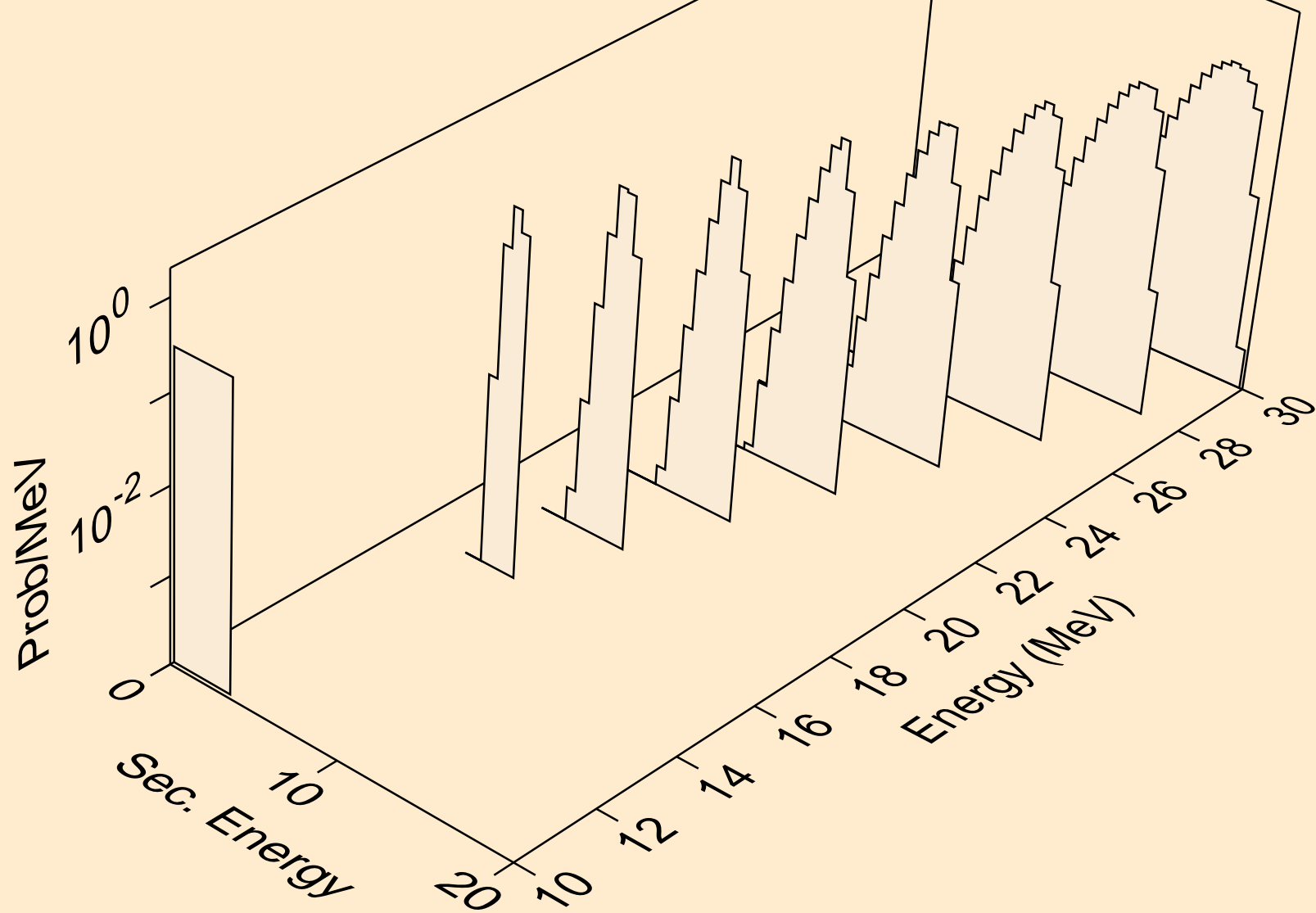
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



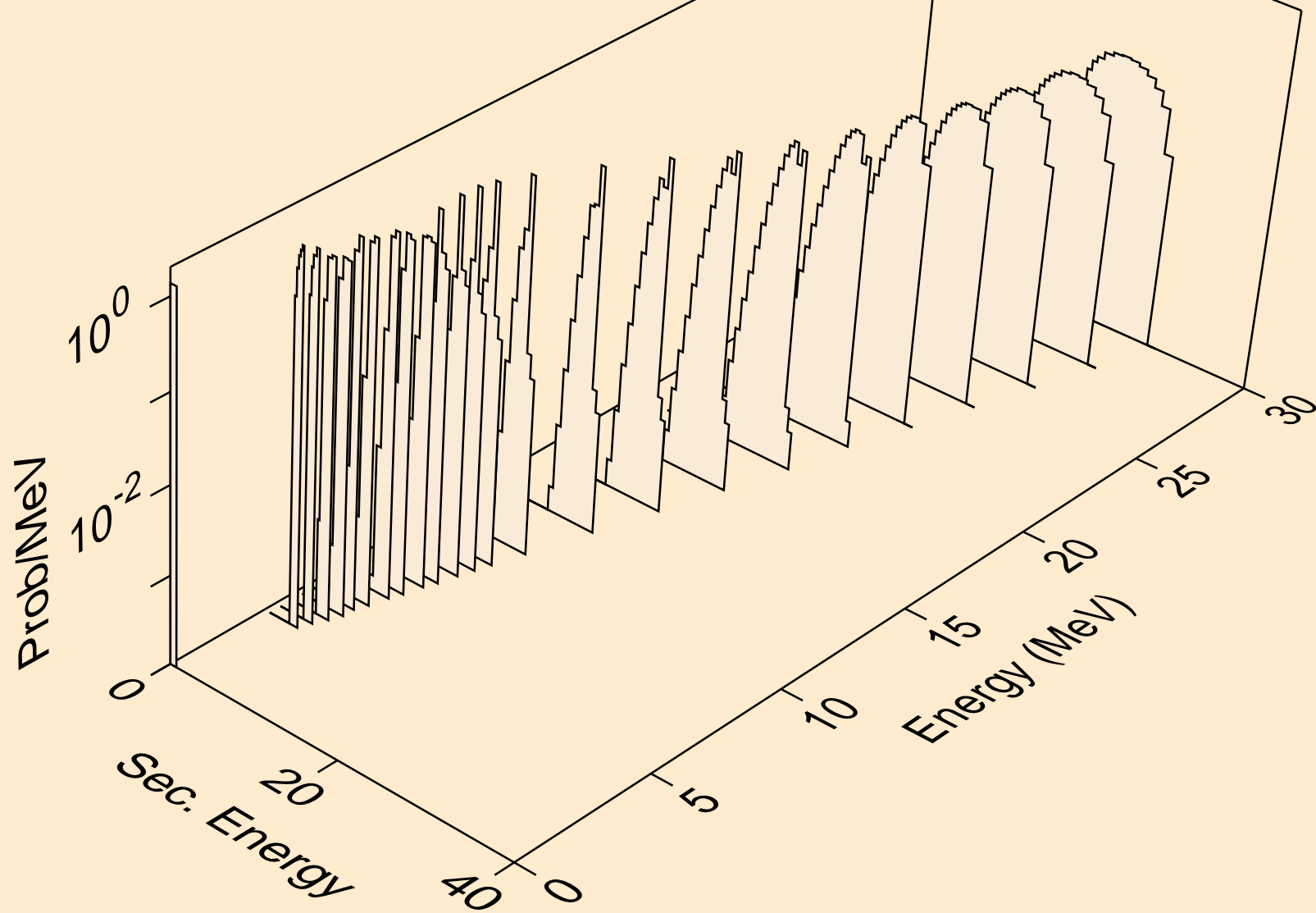
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



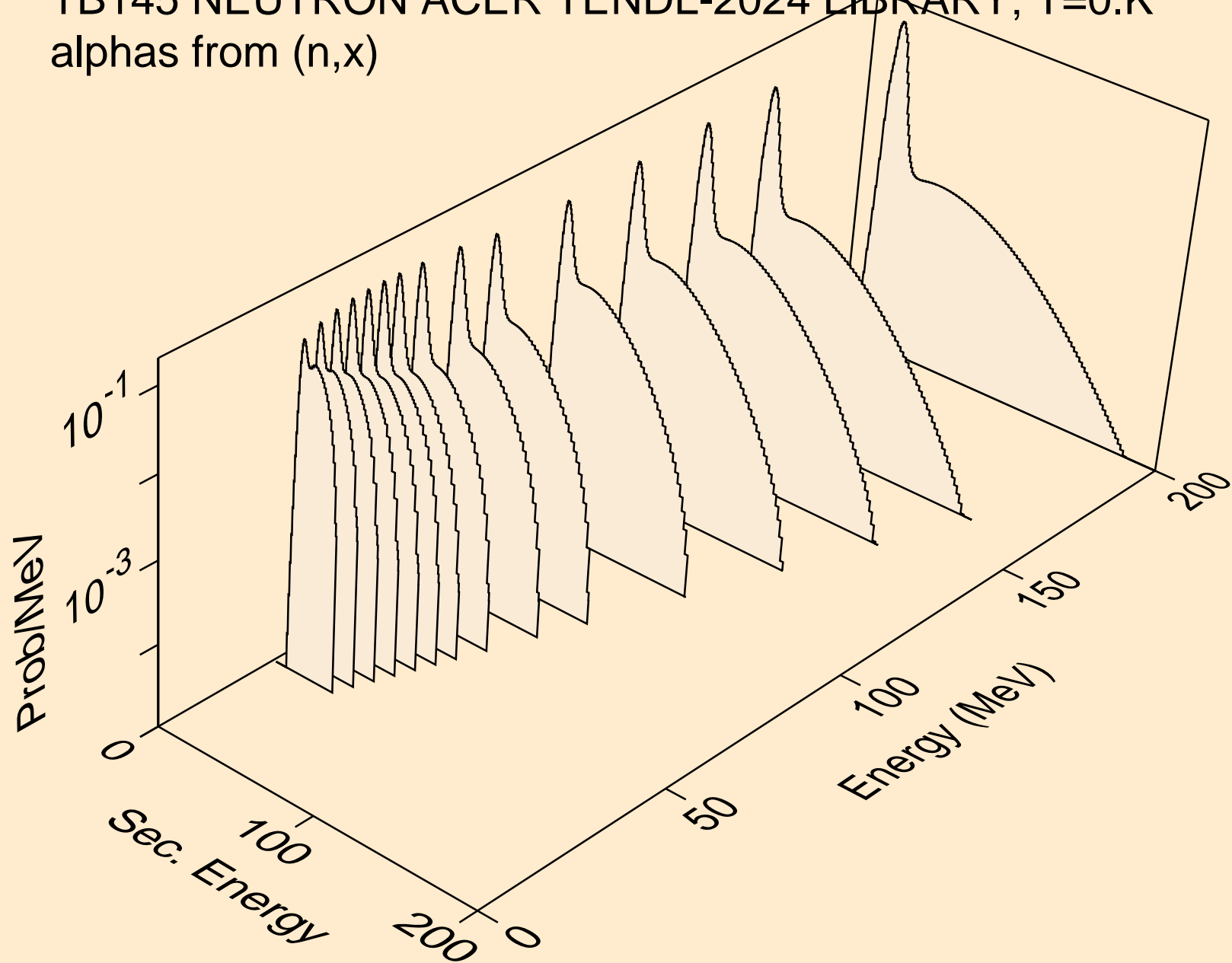
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

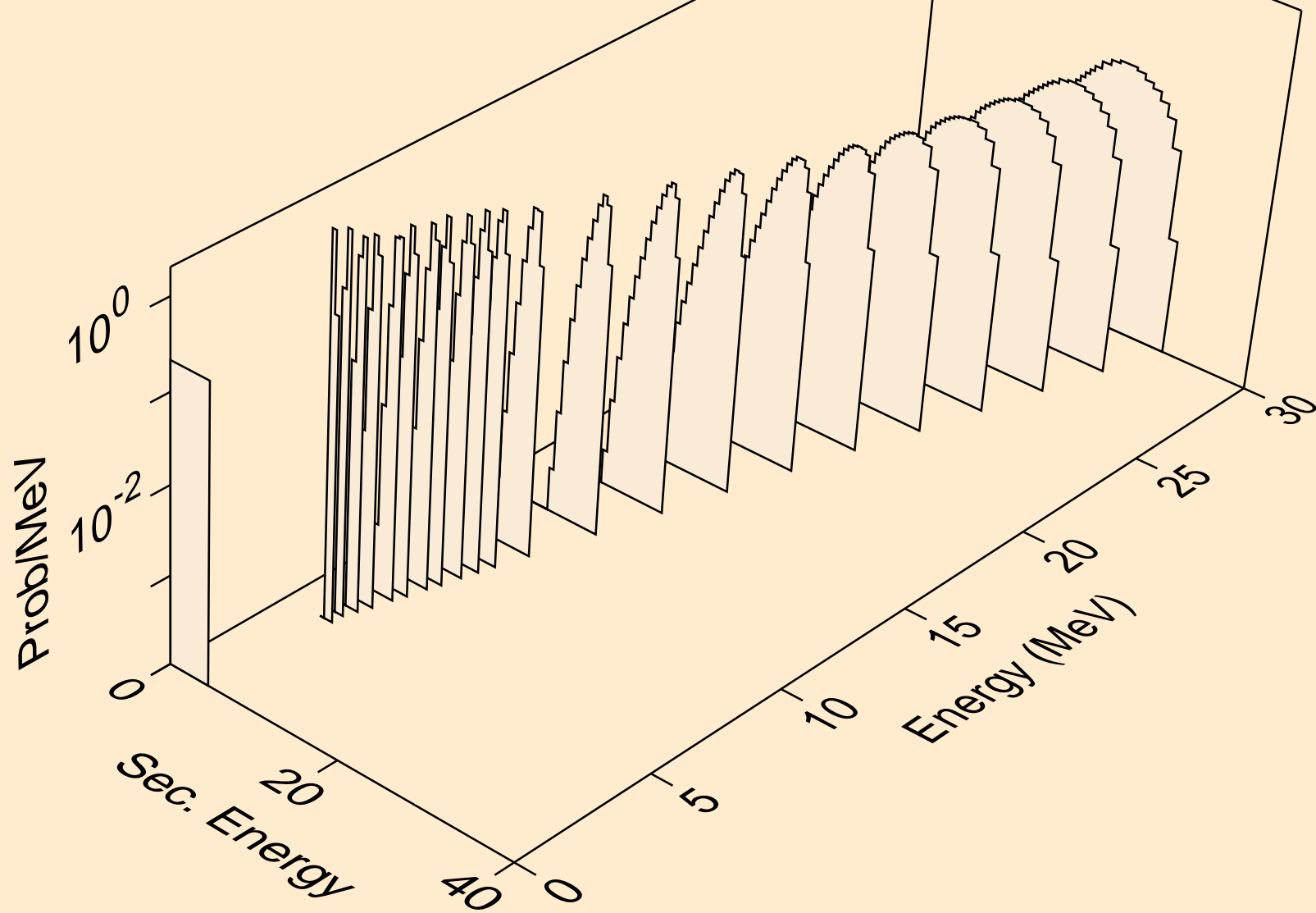


TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

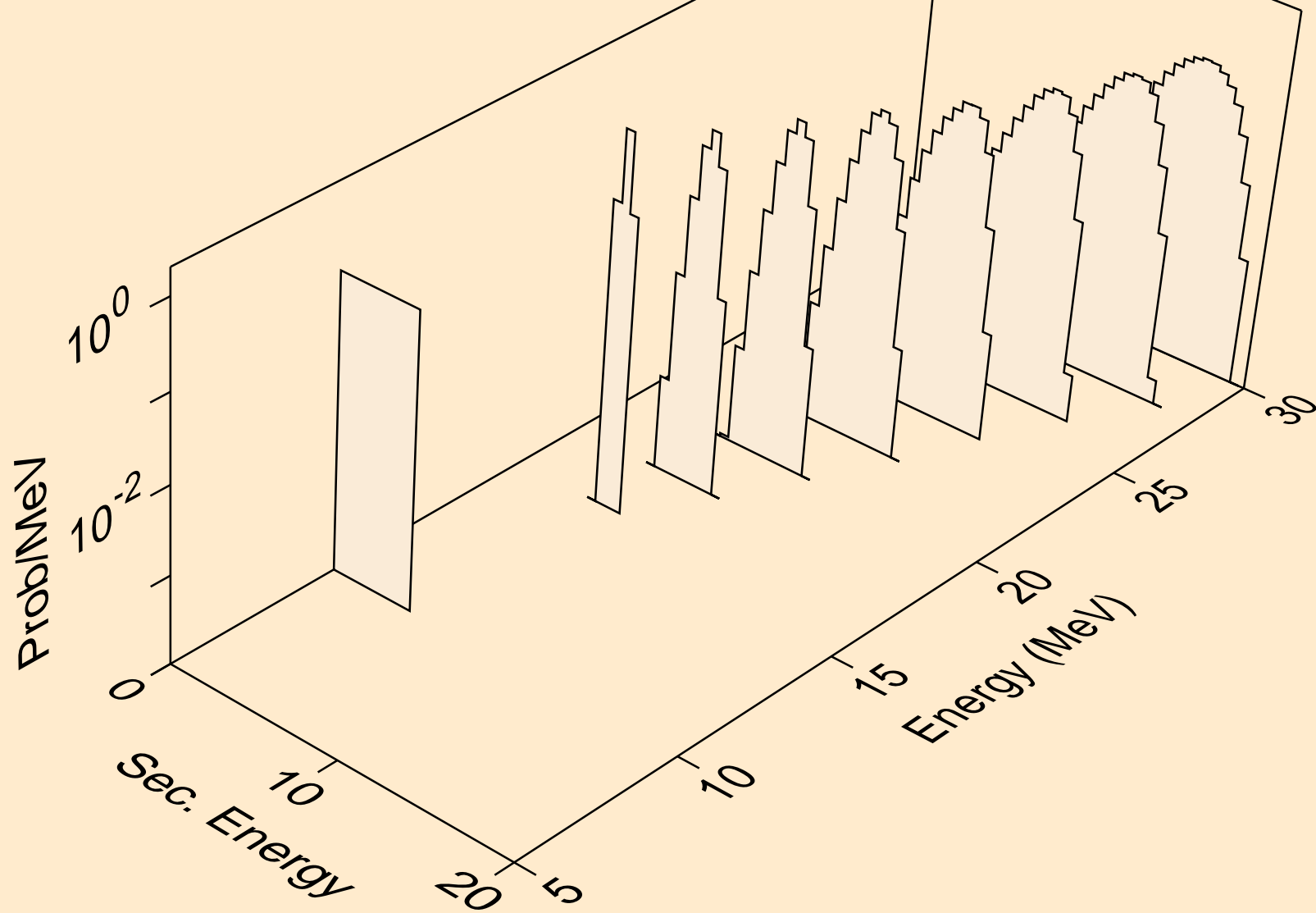




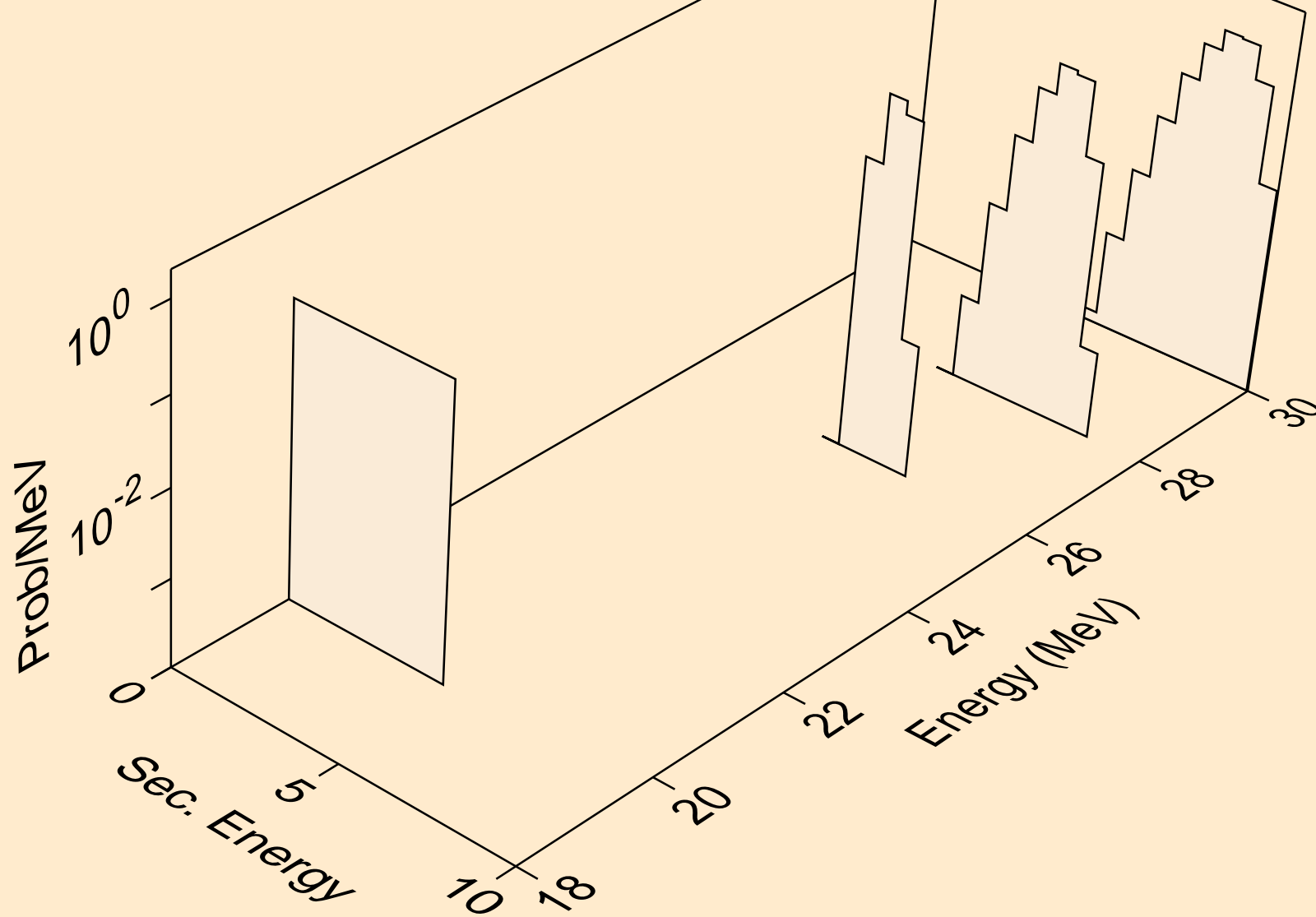
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



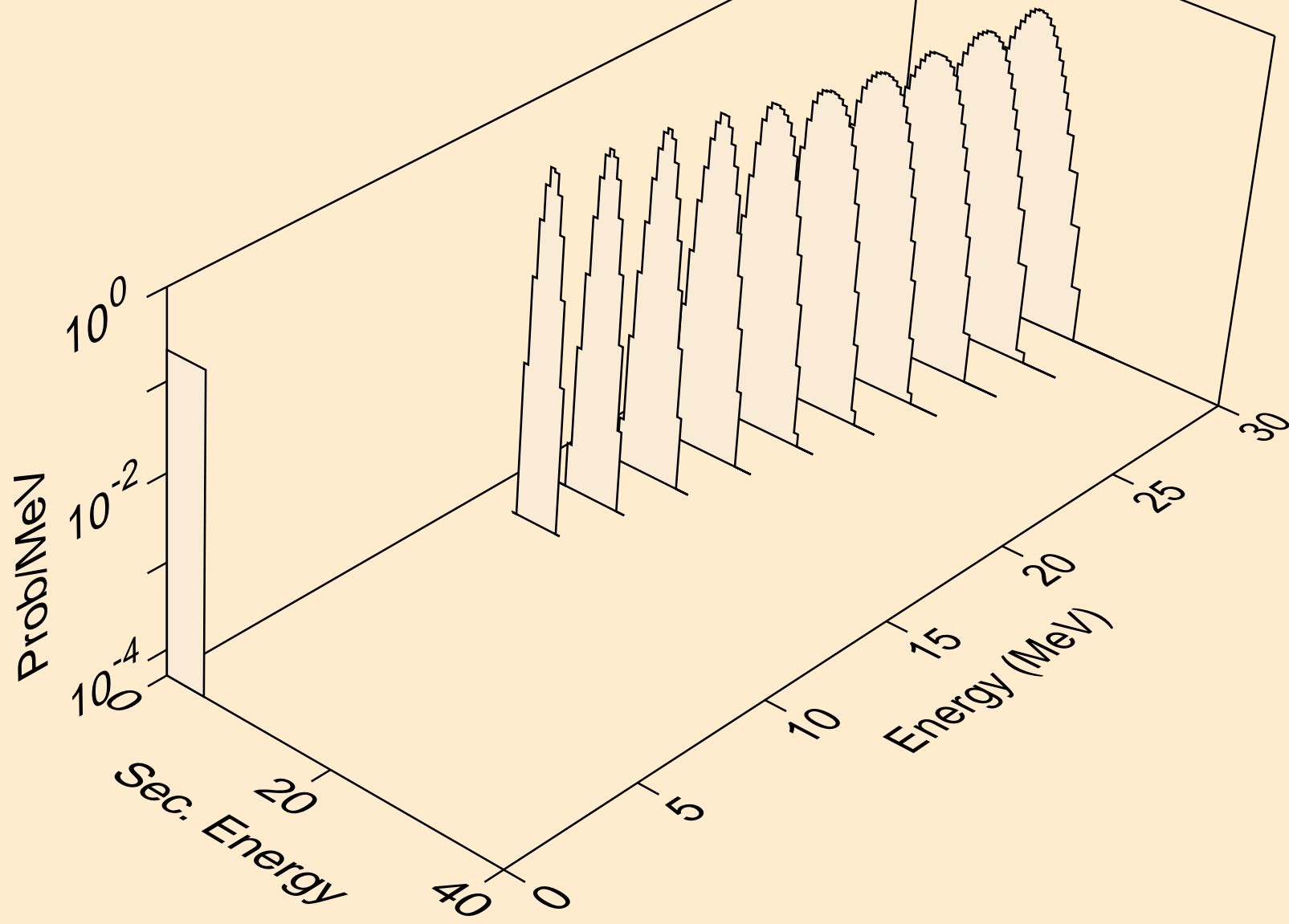
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



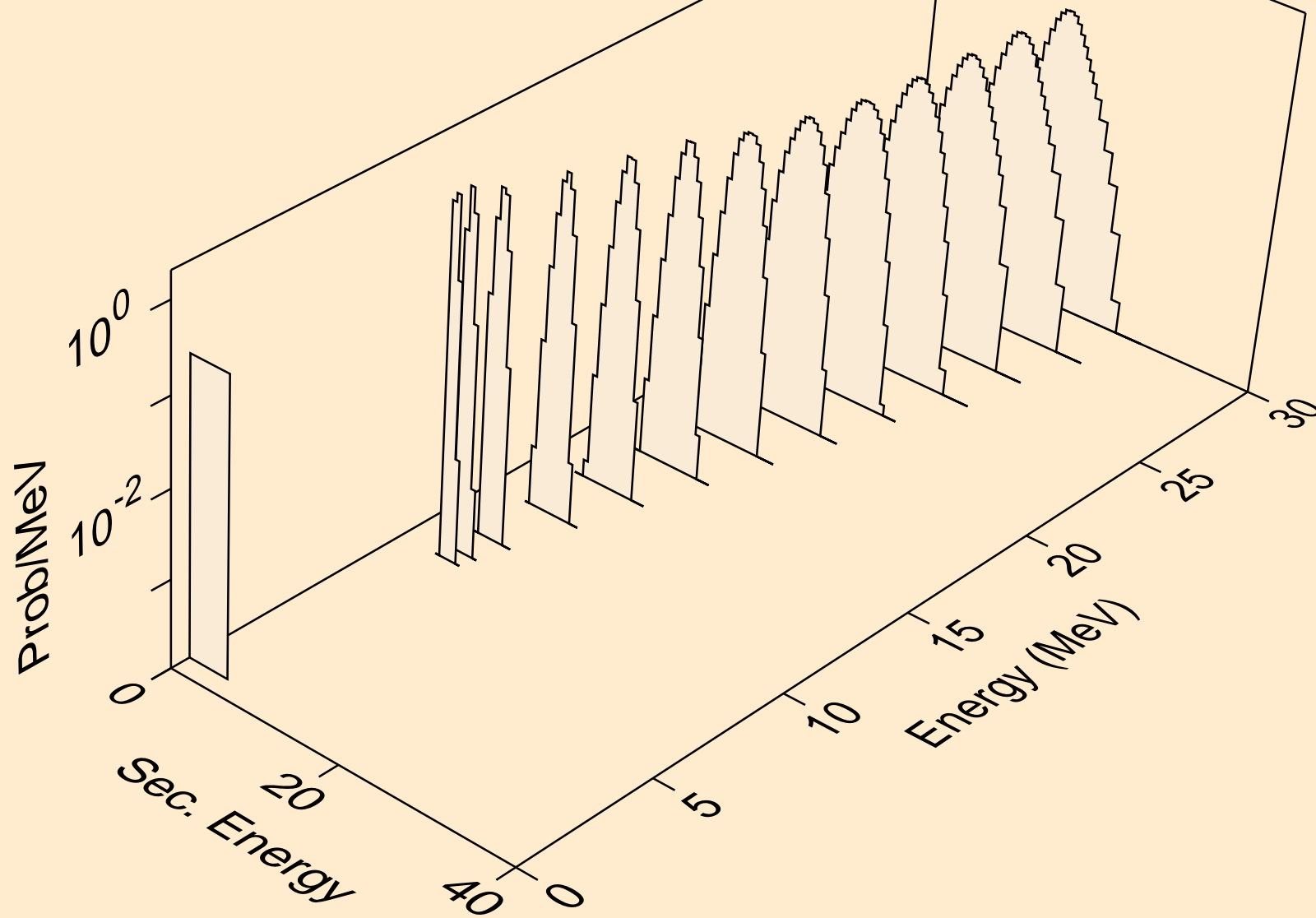
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



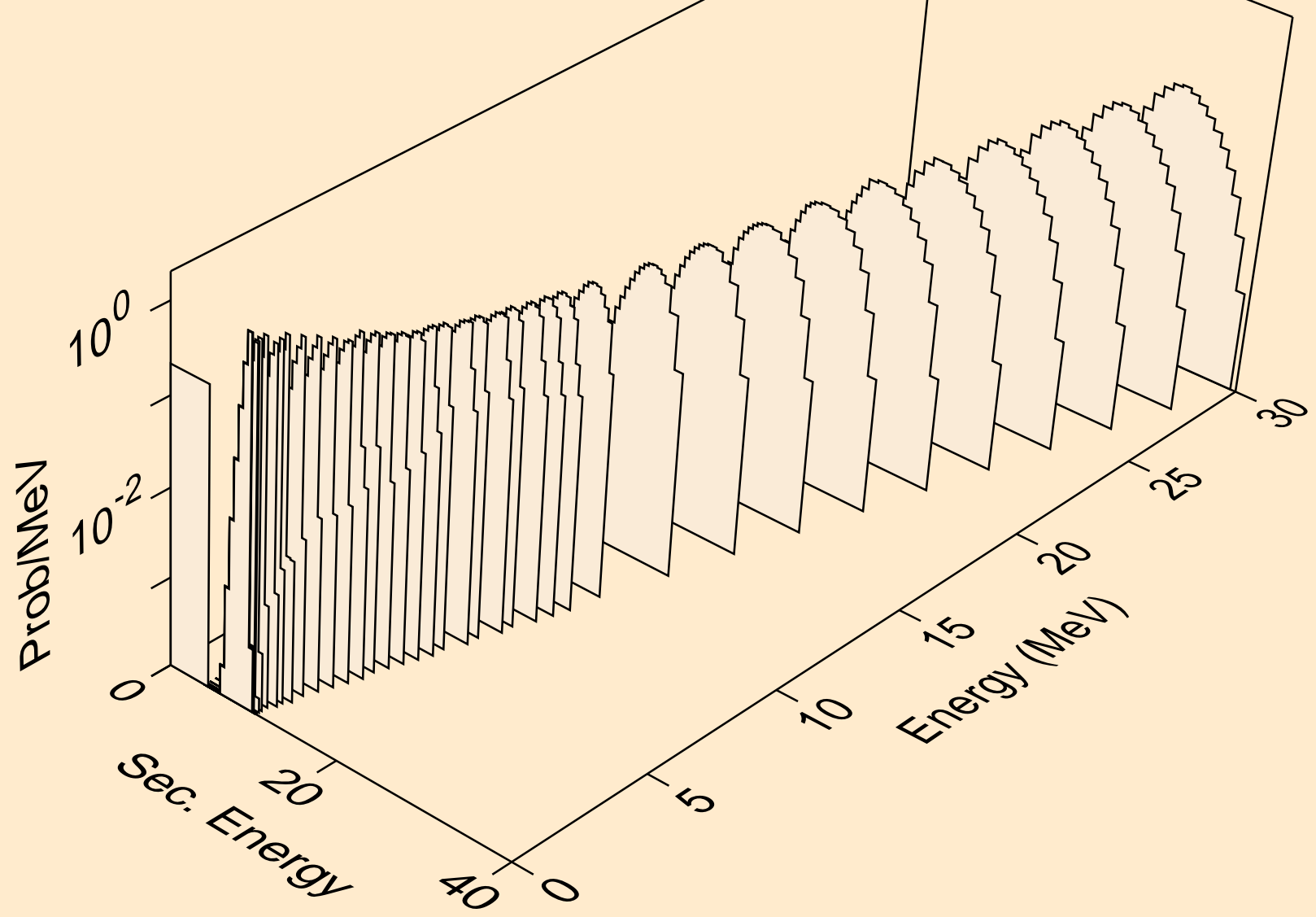
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



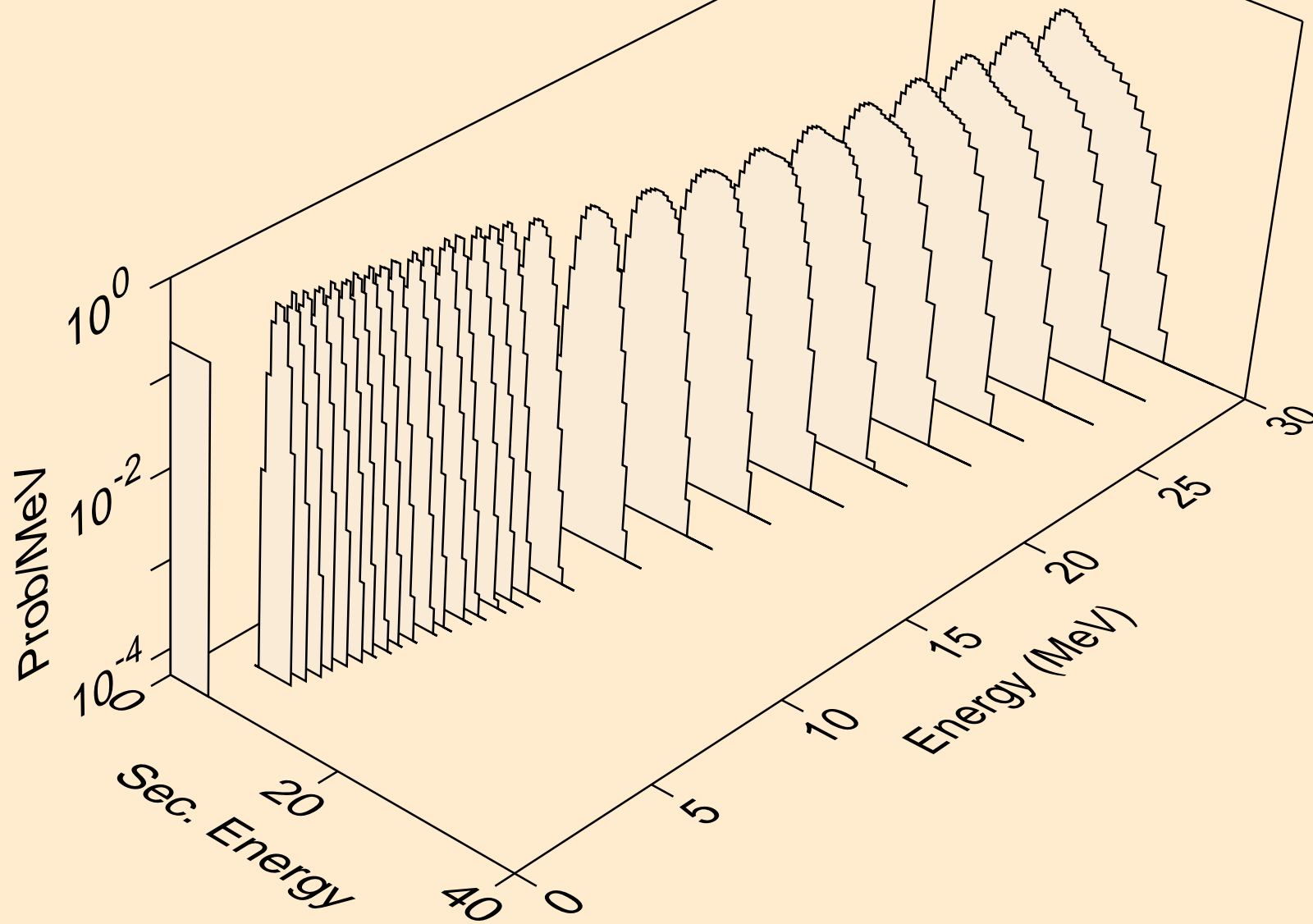
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



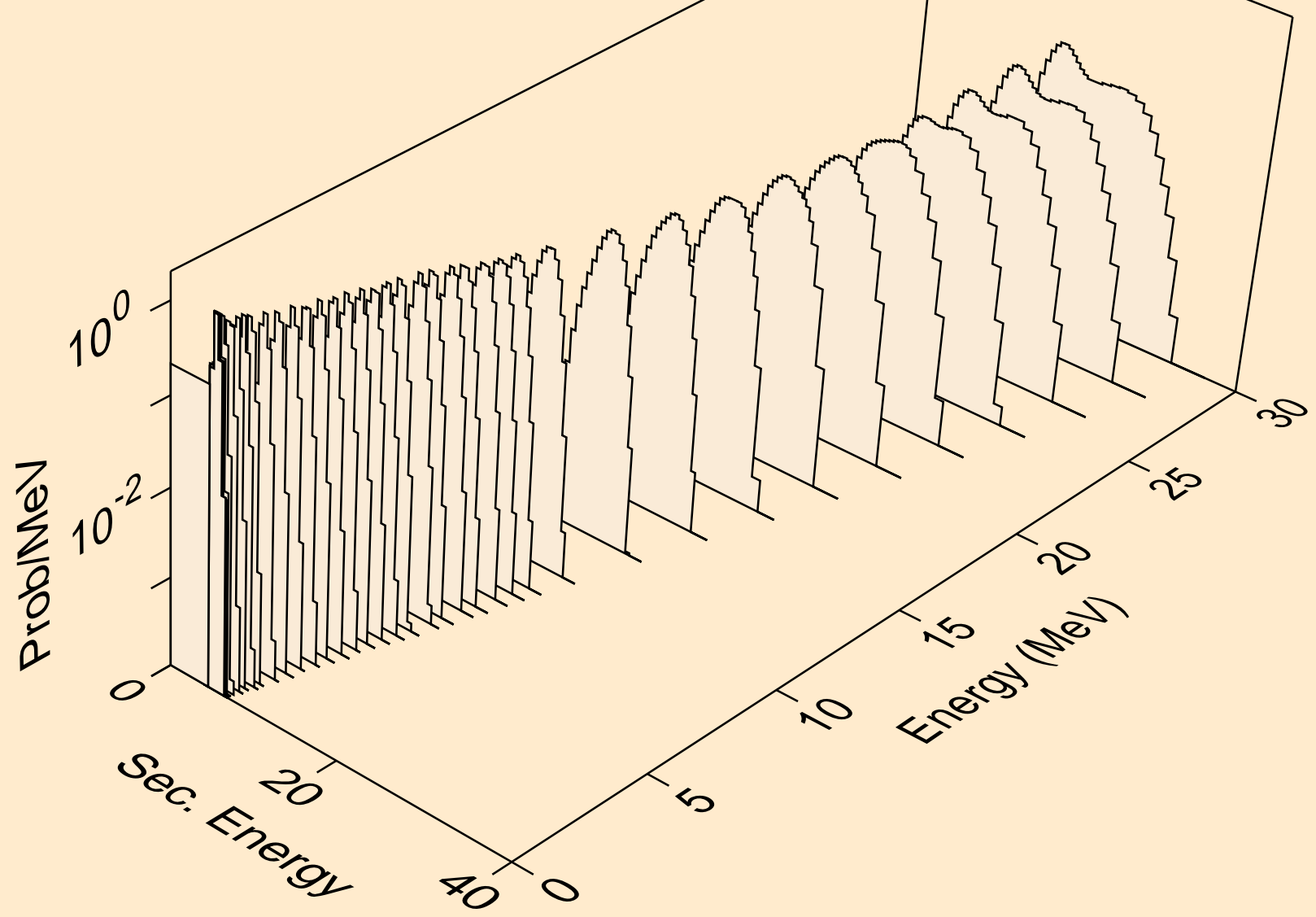
TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





TB145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

