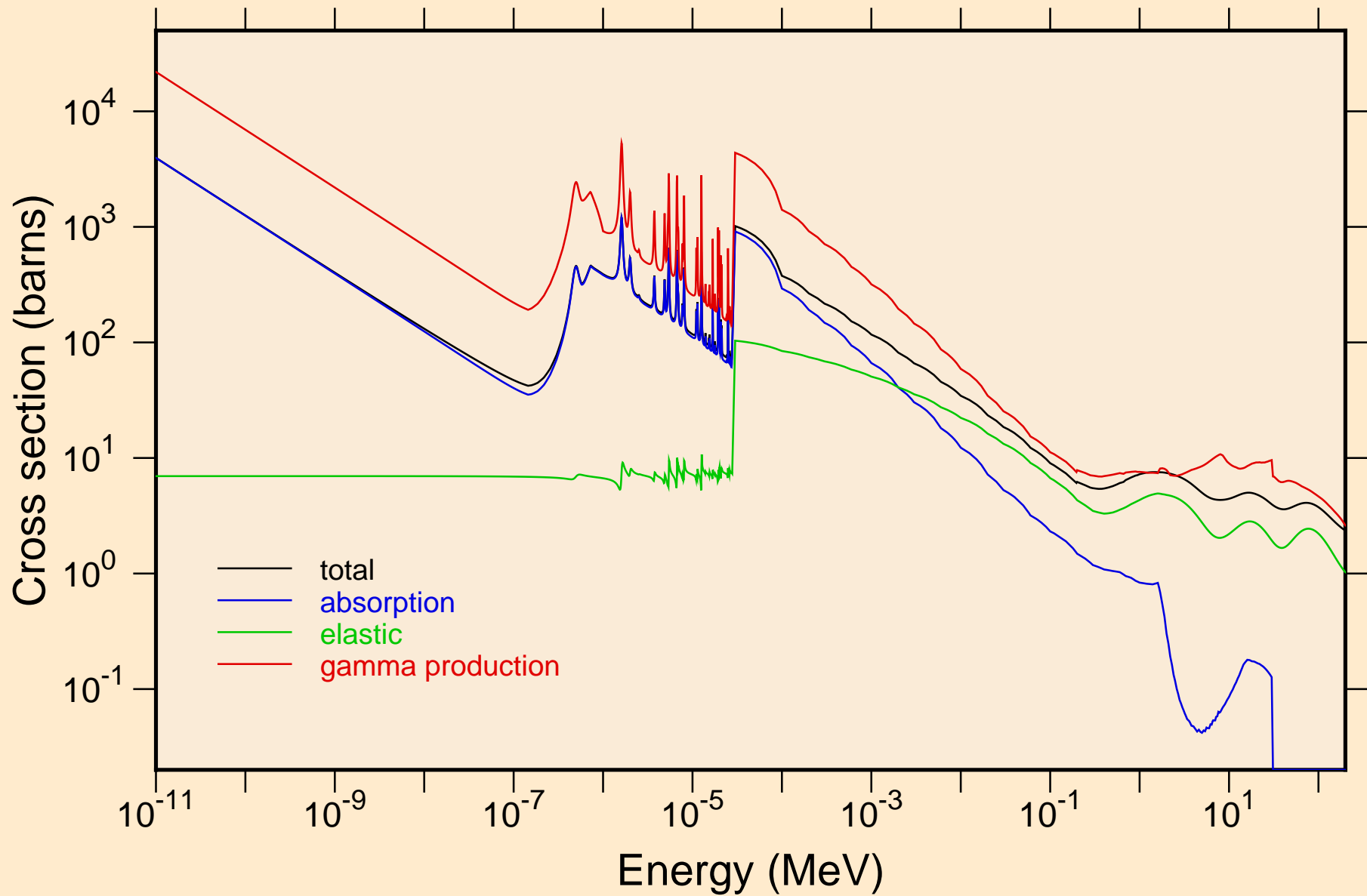
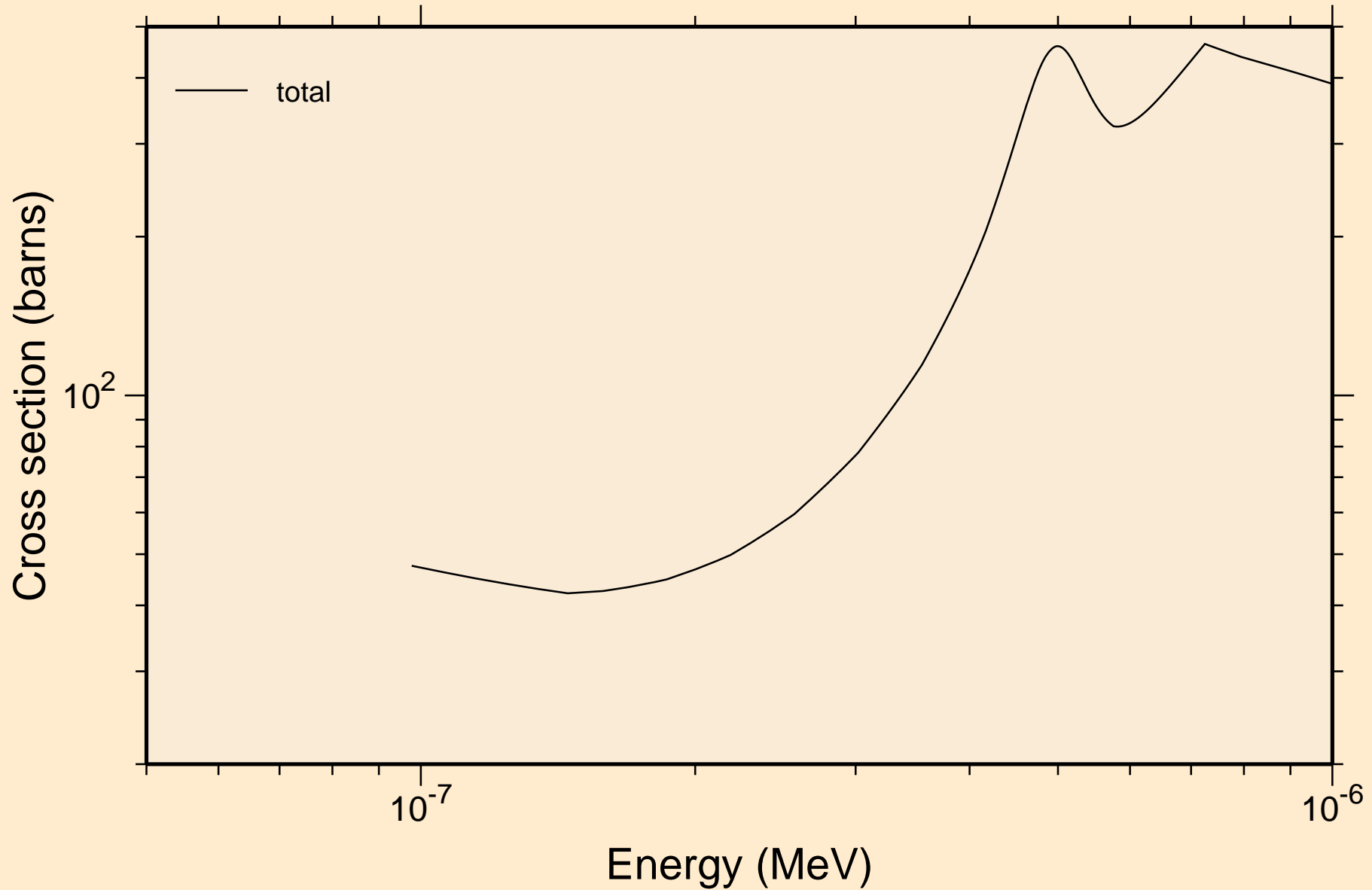


# TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

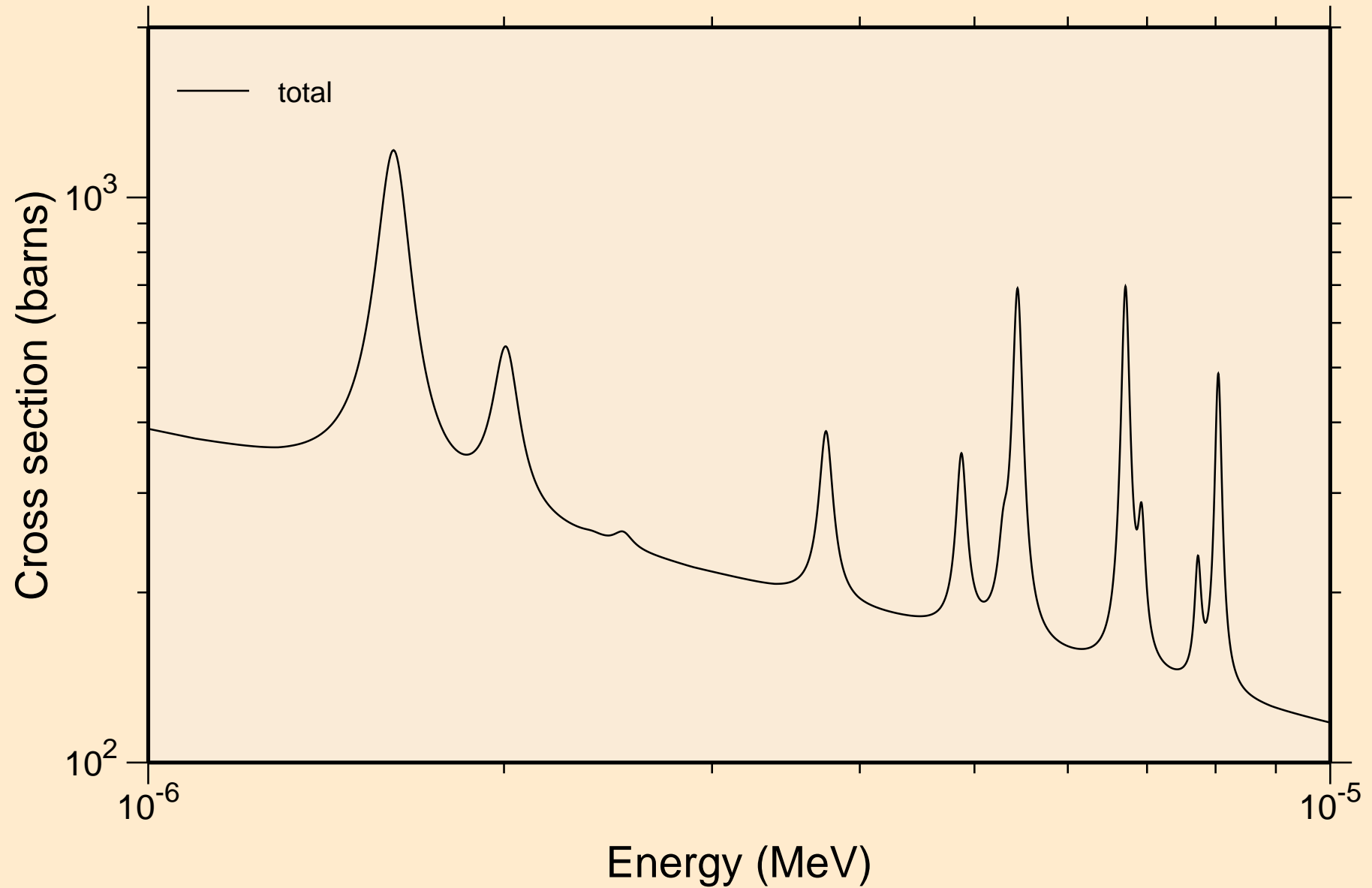
## Principal cross sections



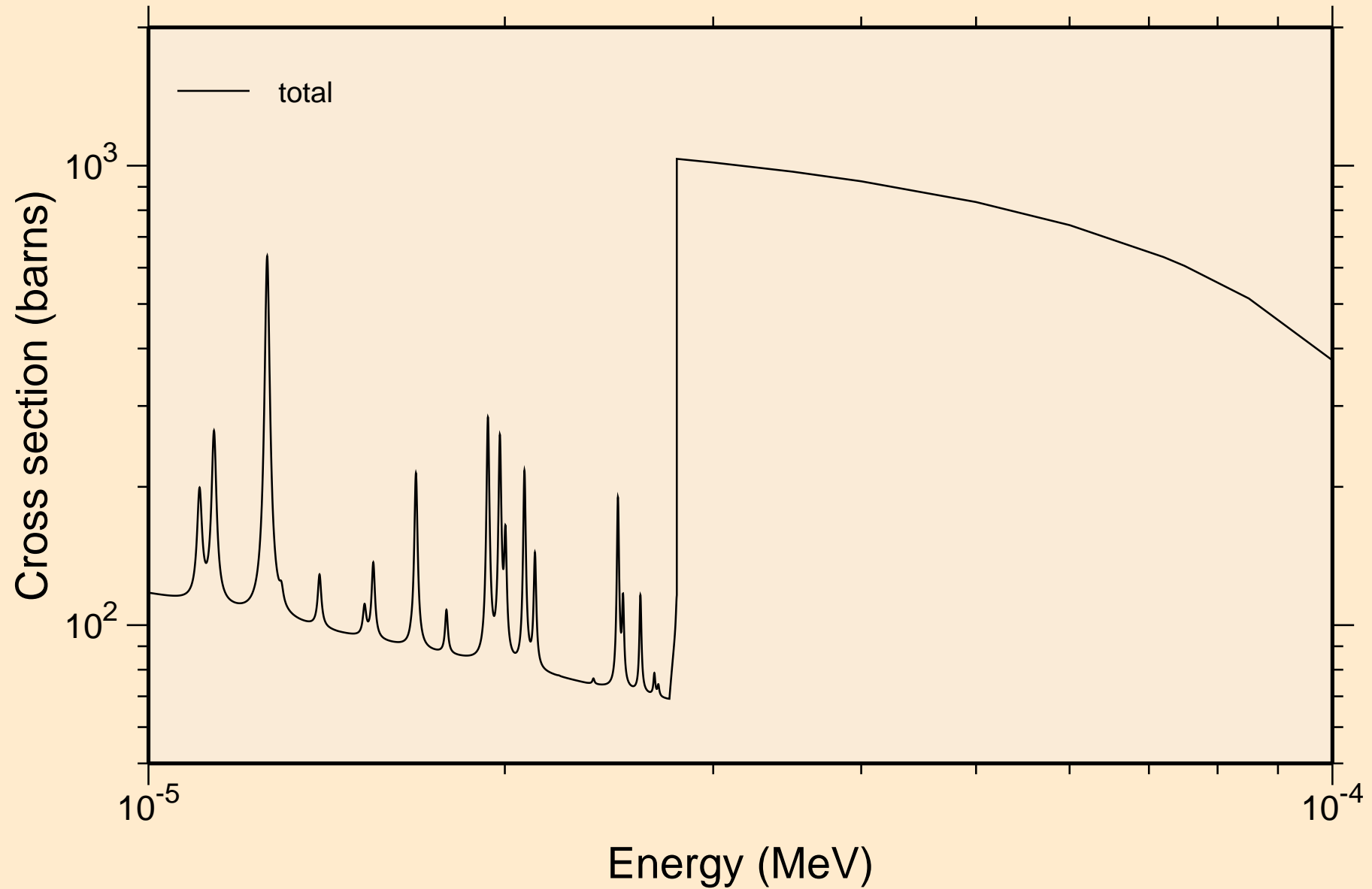
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



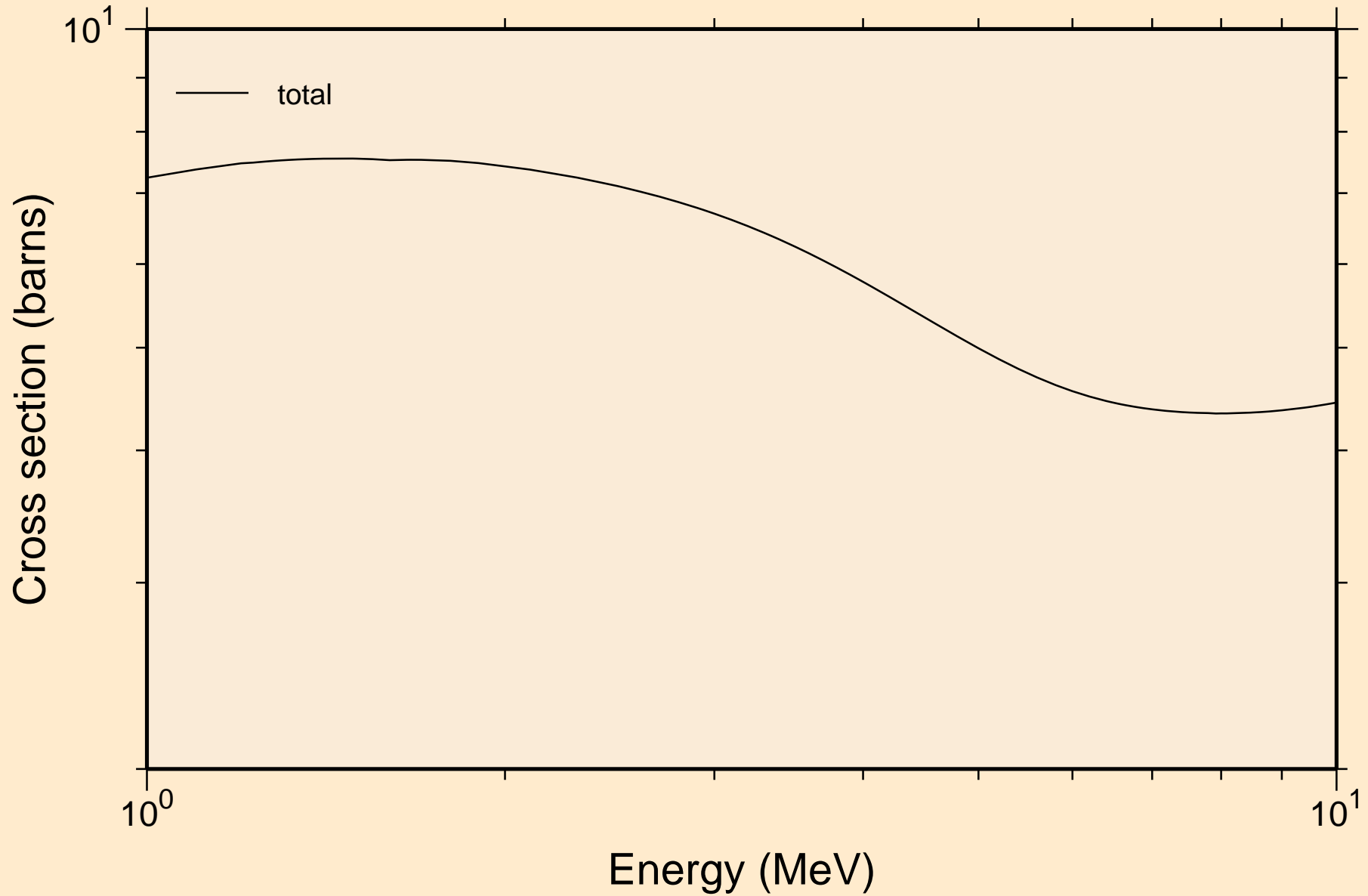
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



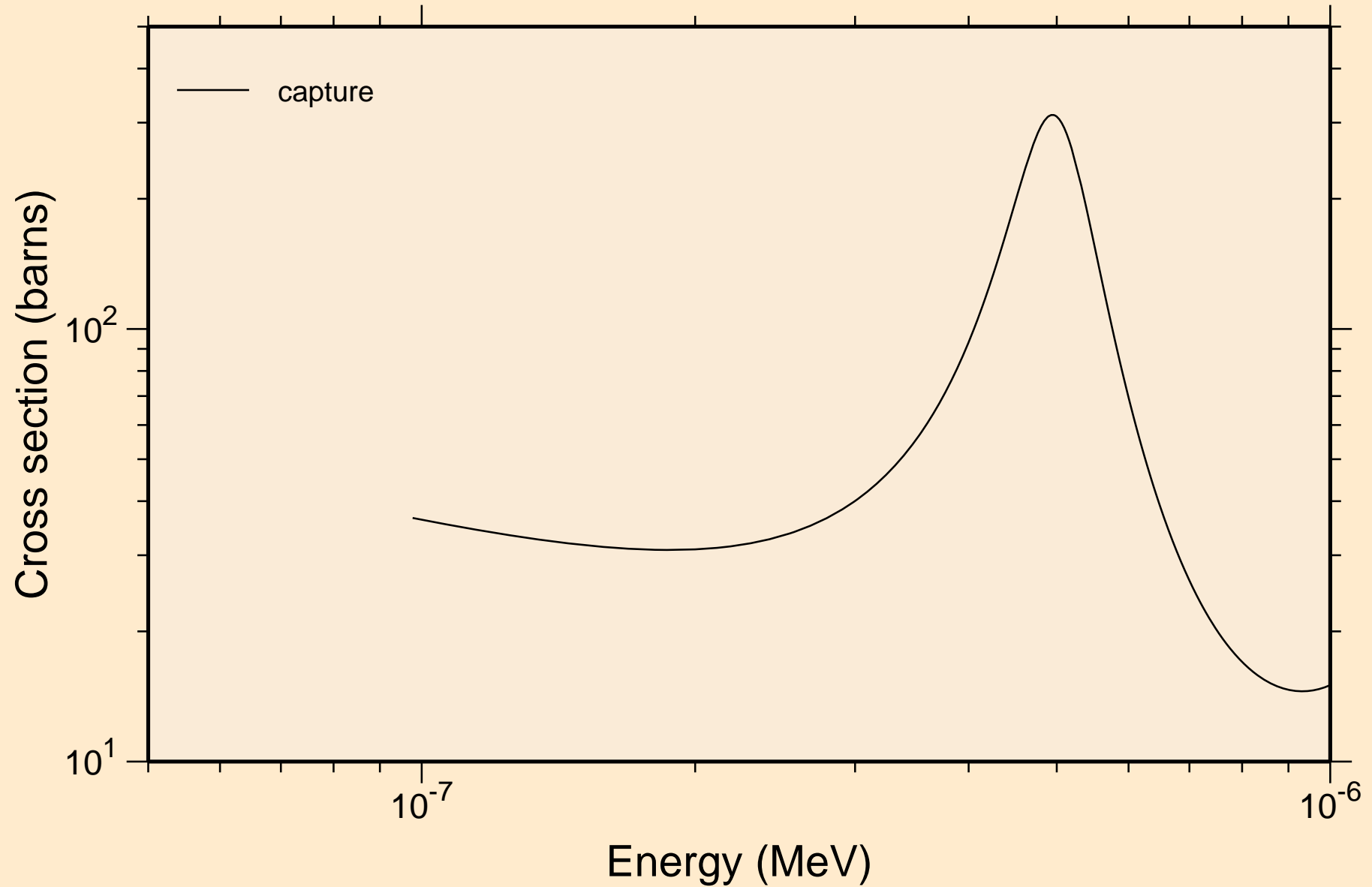
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



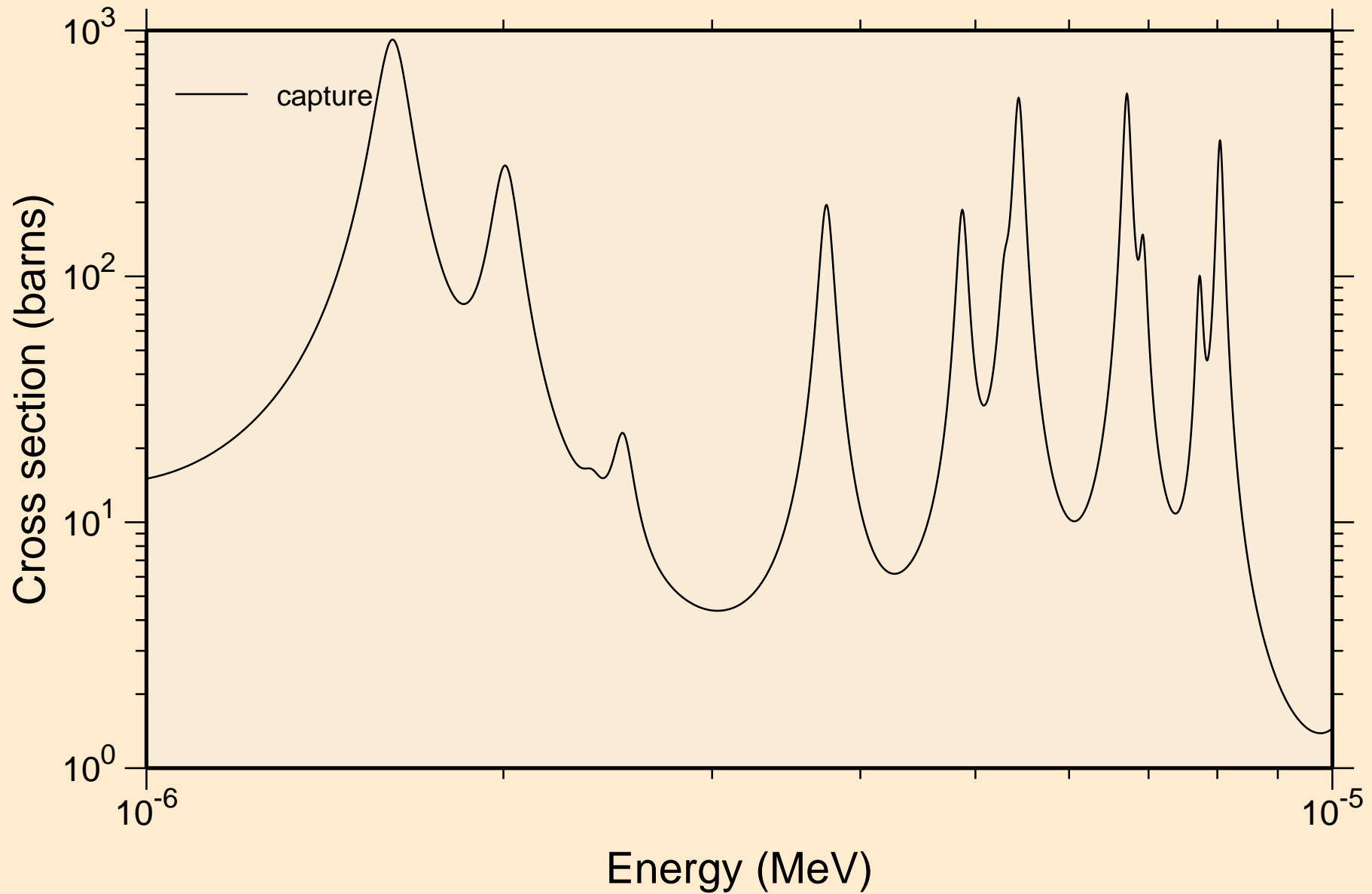
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



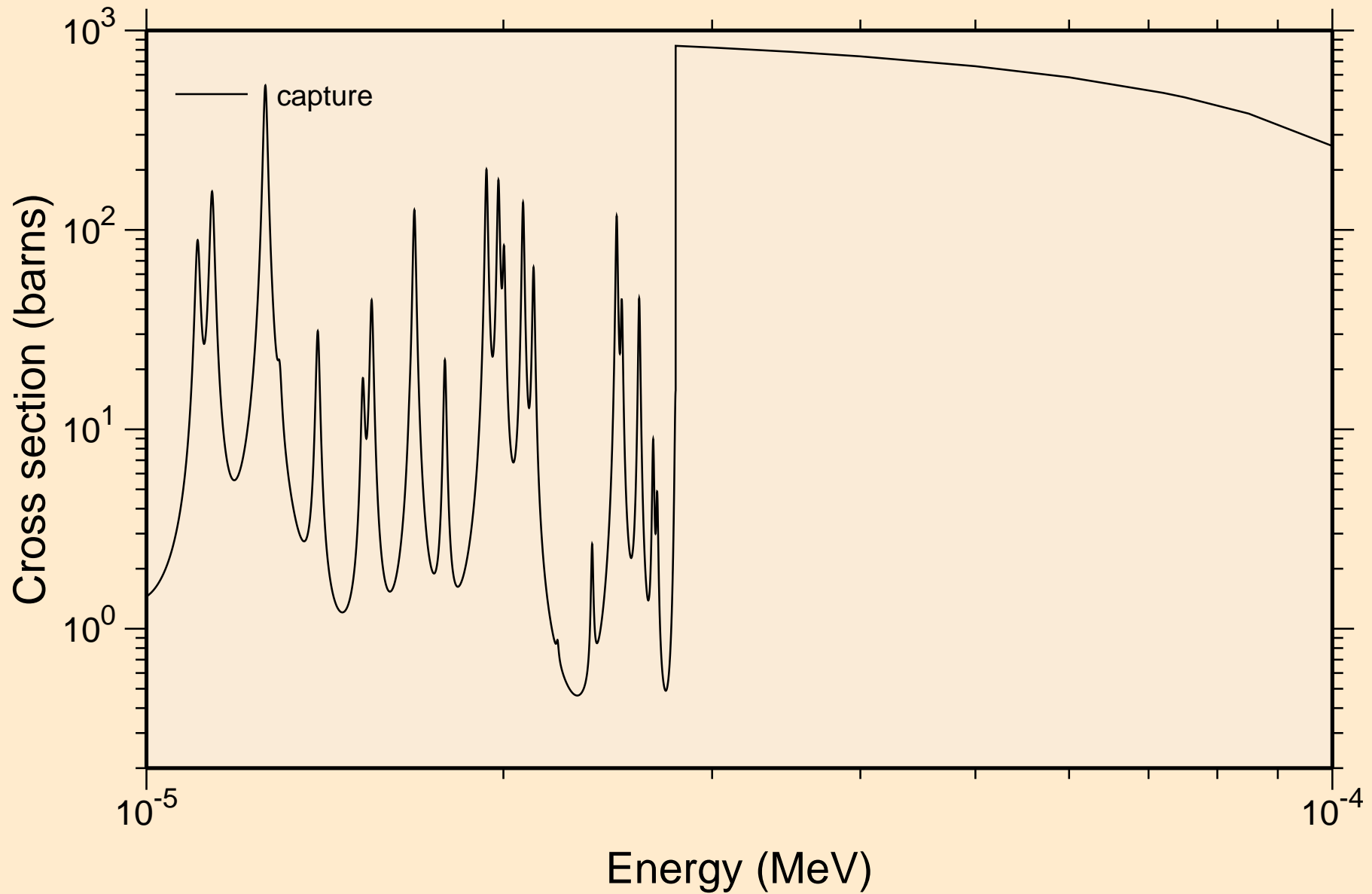
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

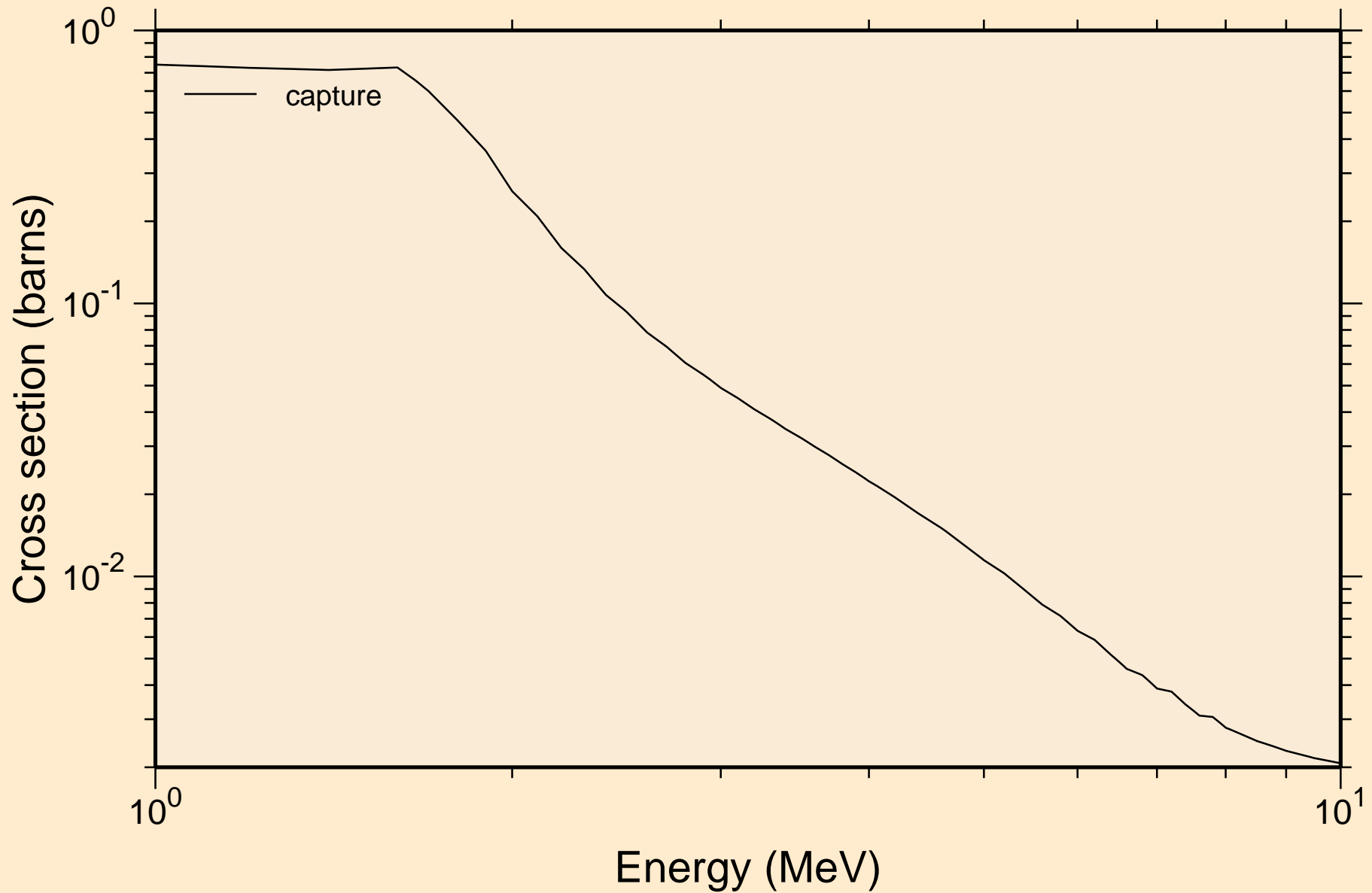


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



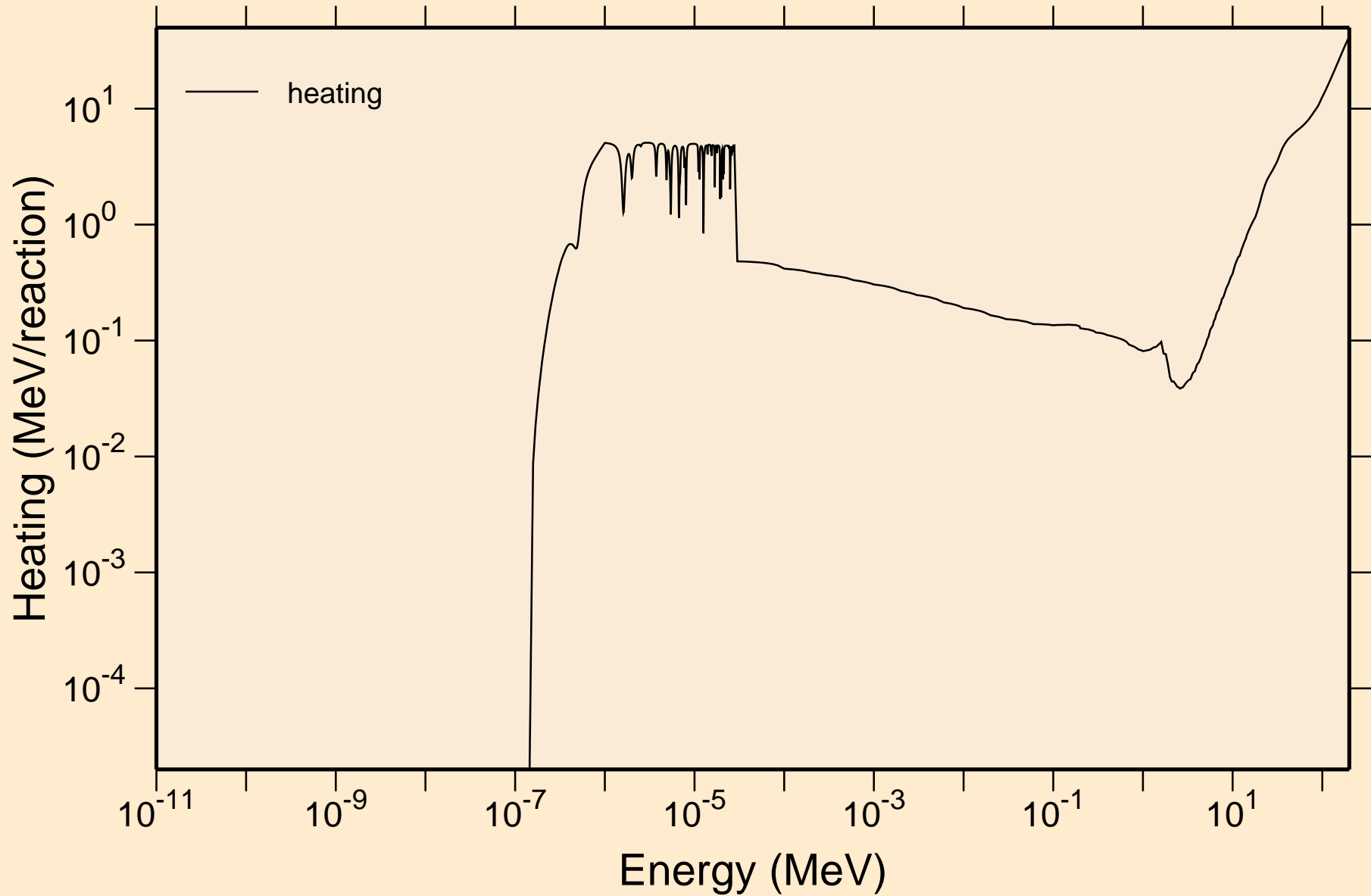


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

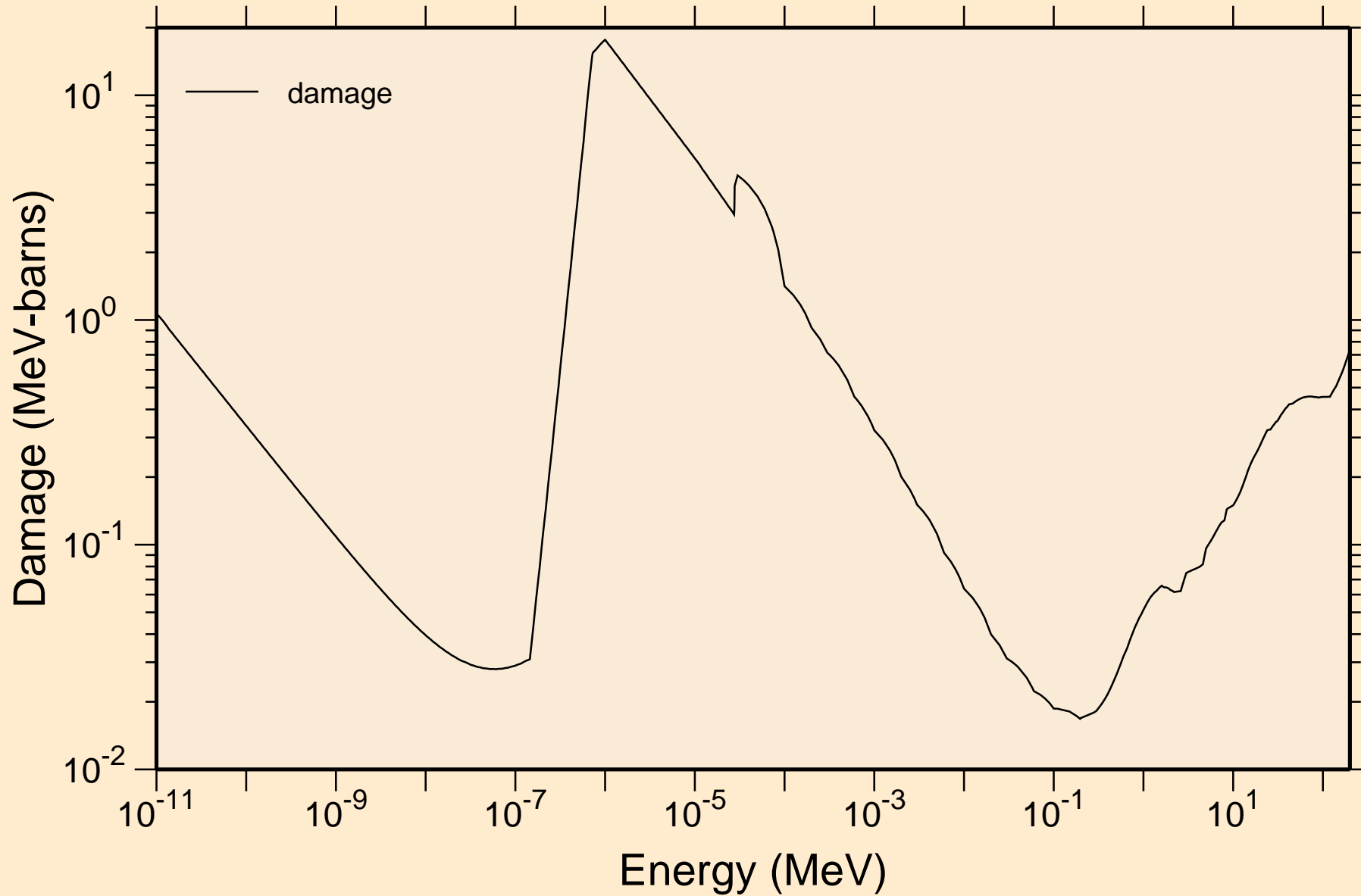


# TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

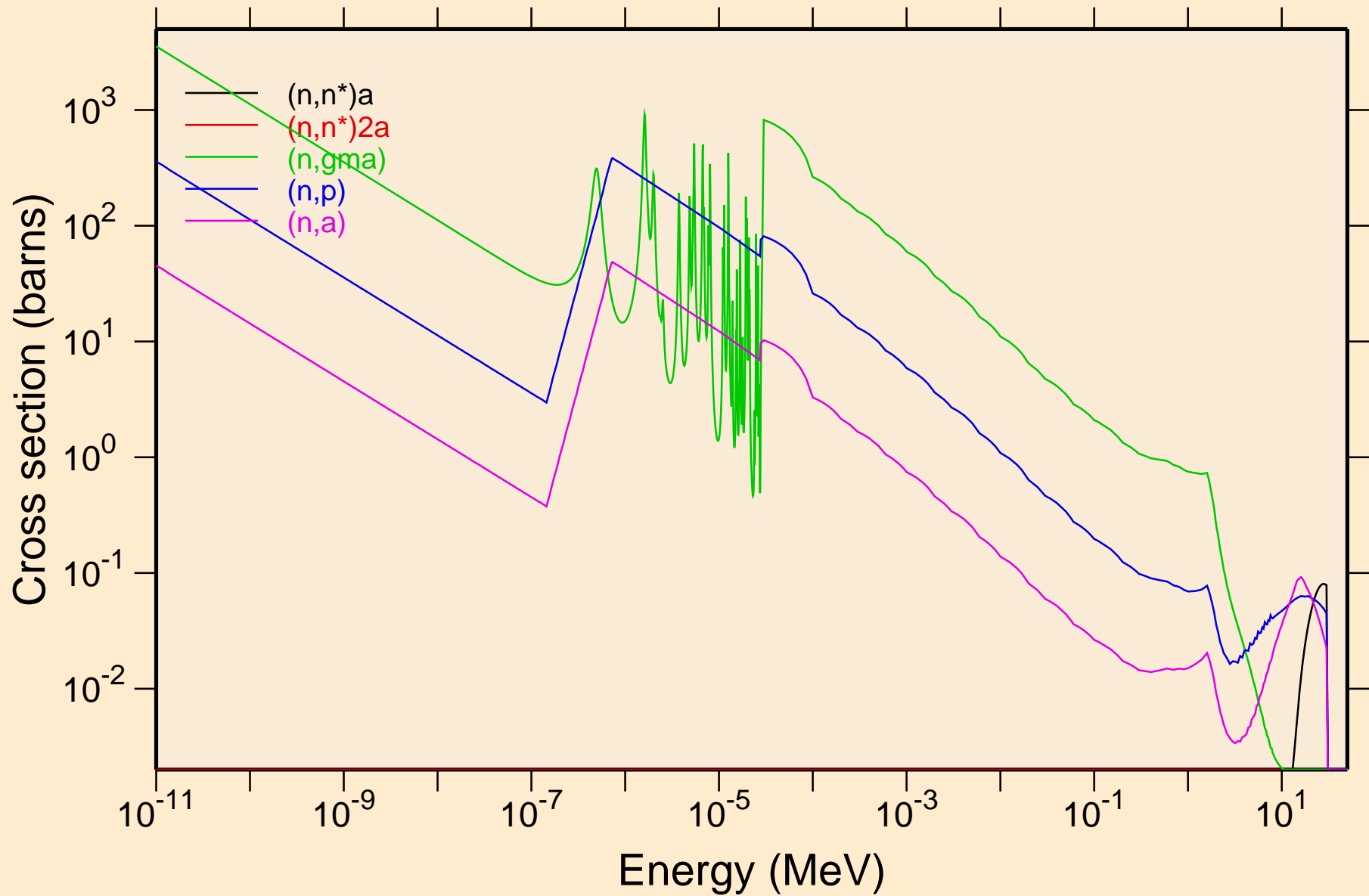
## Heating



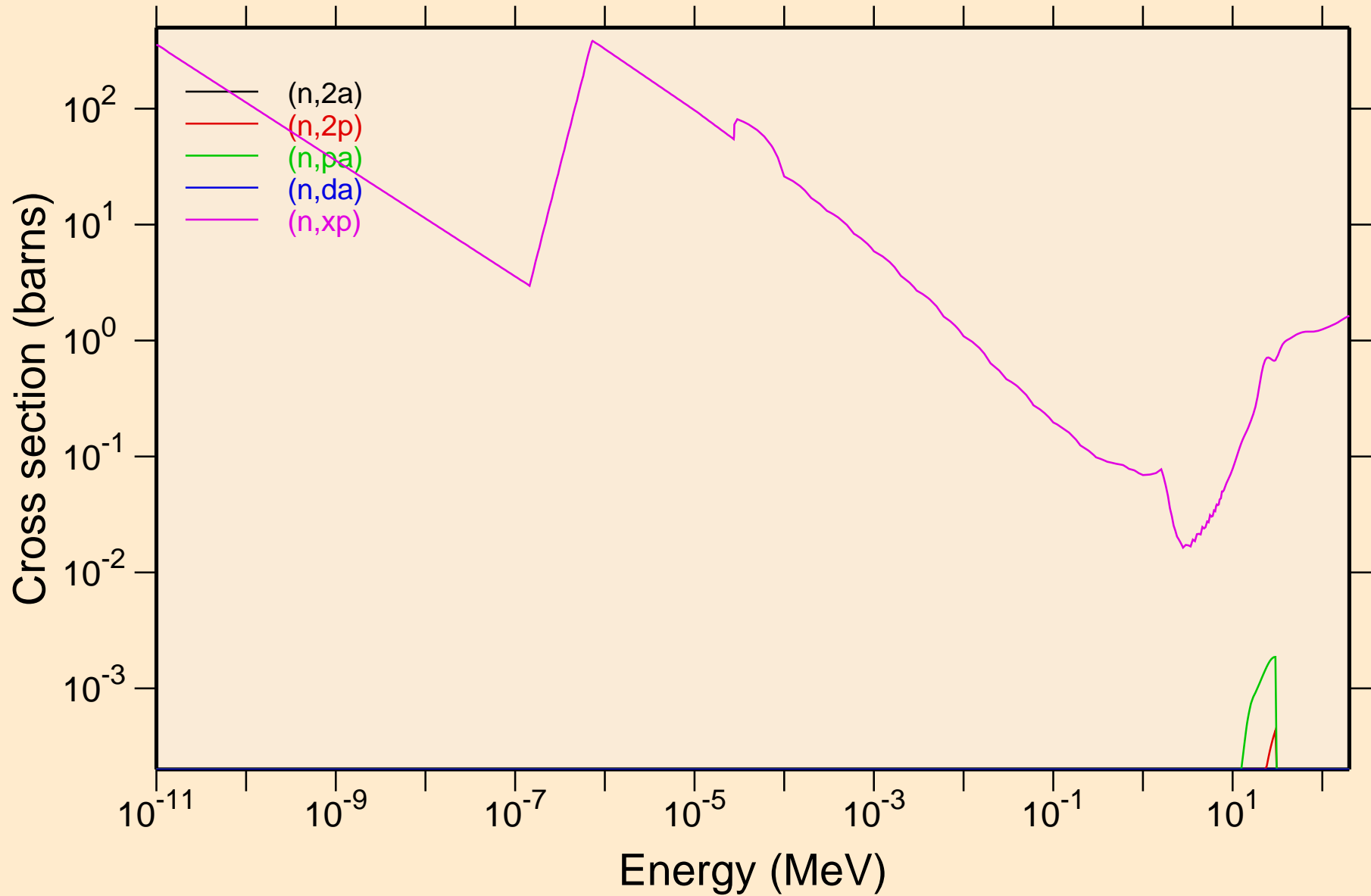
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



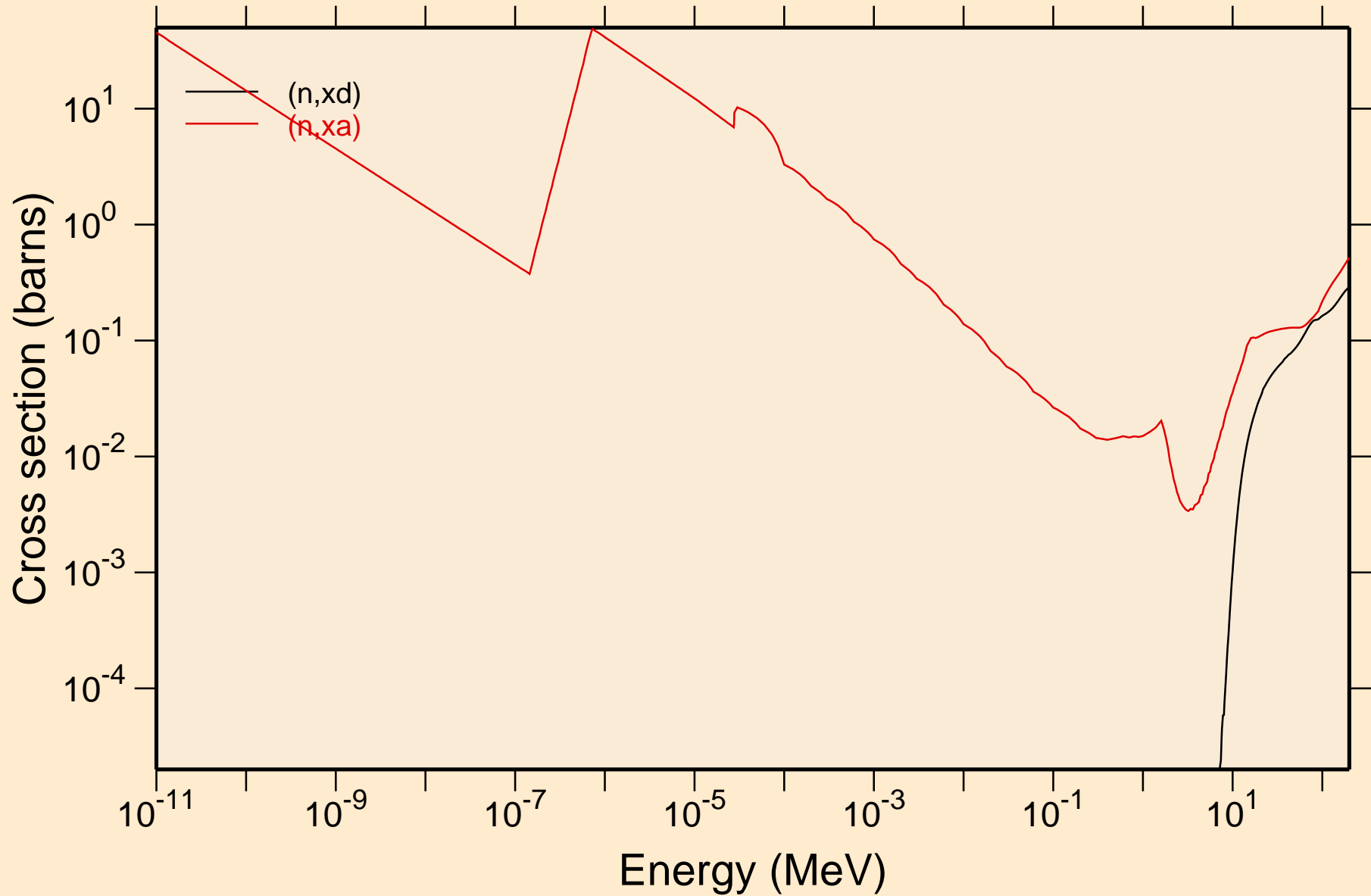
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



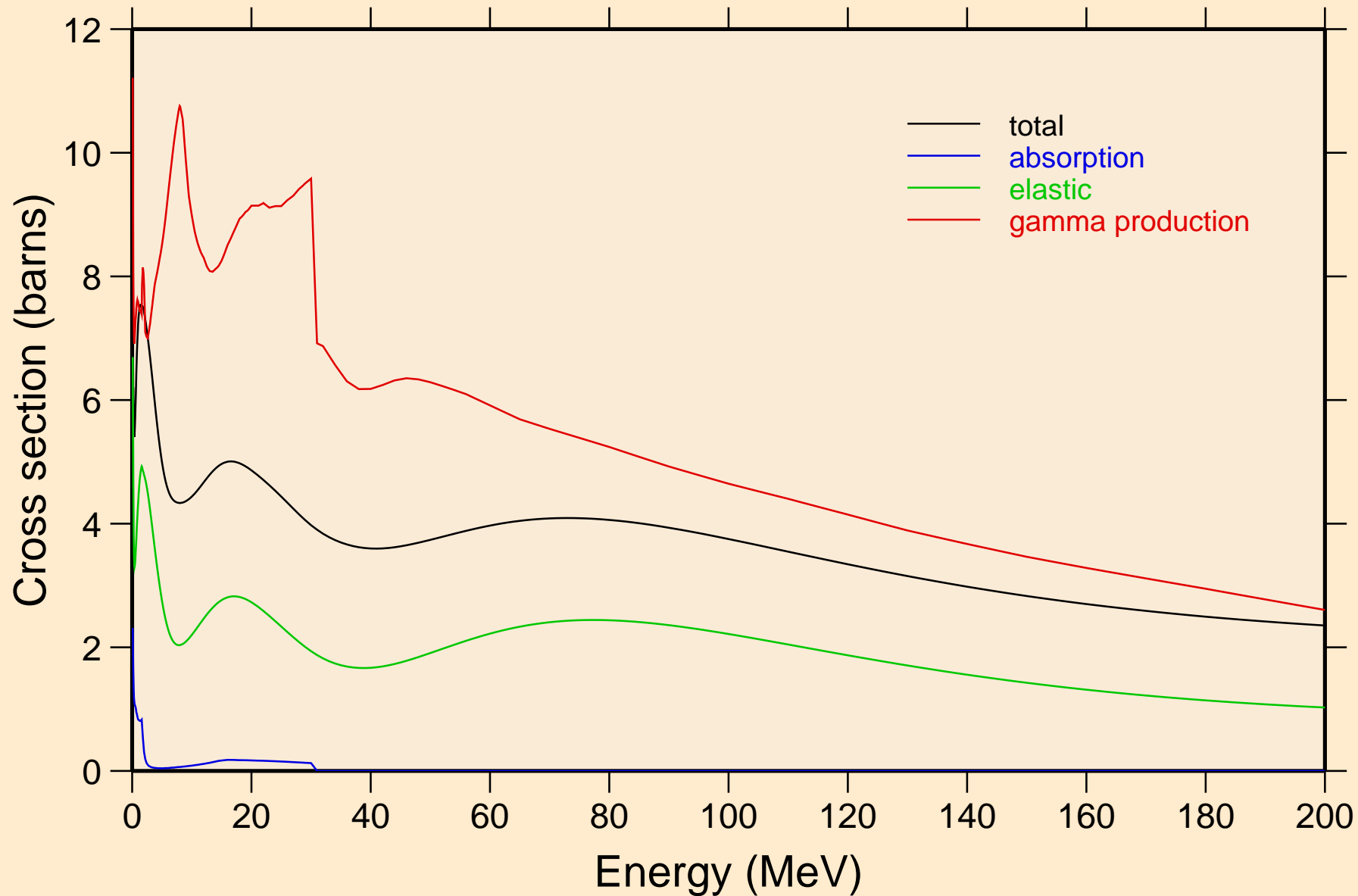
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

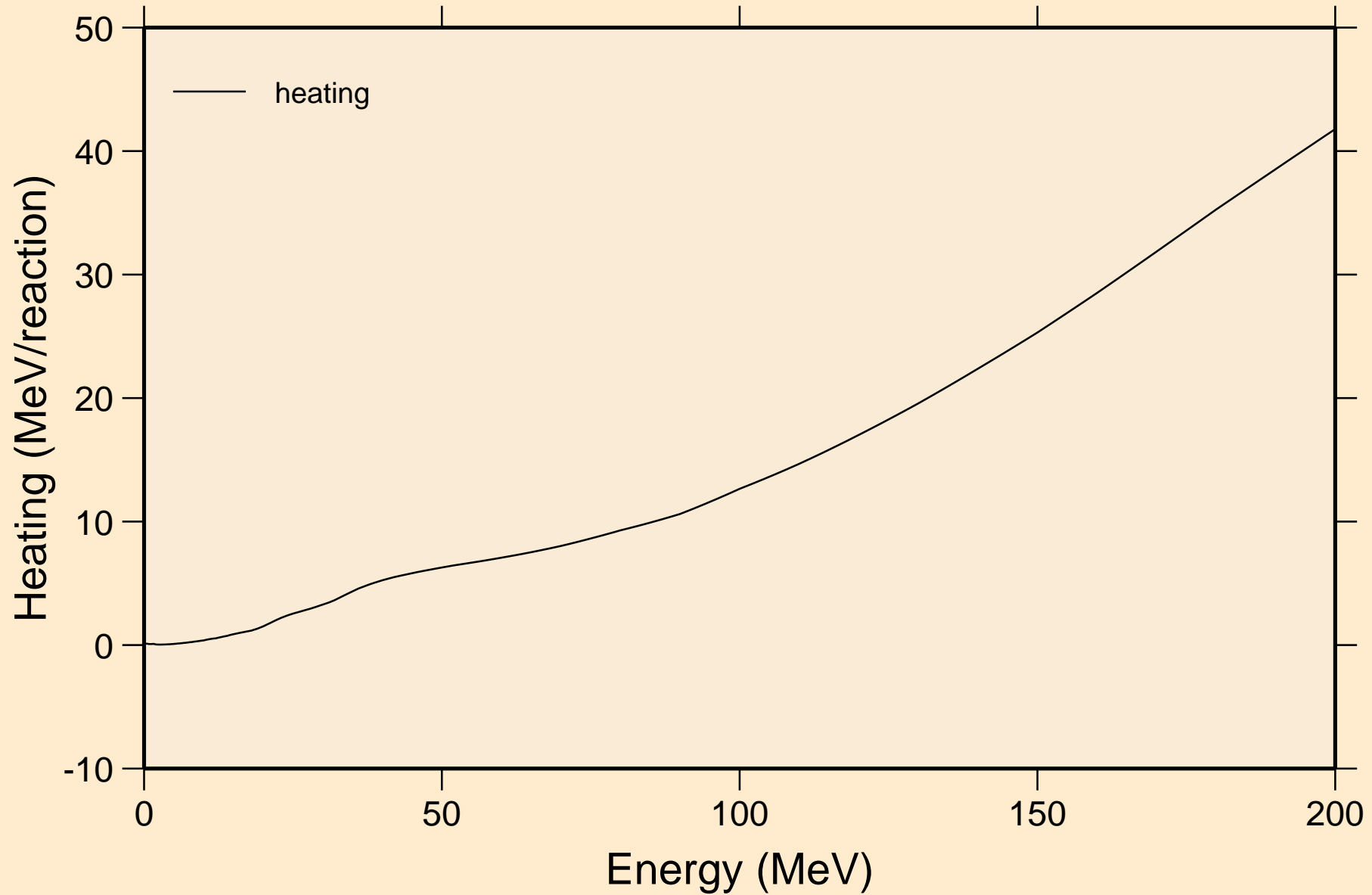


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



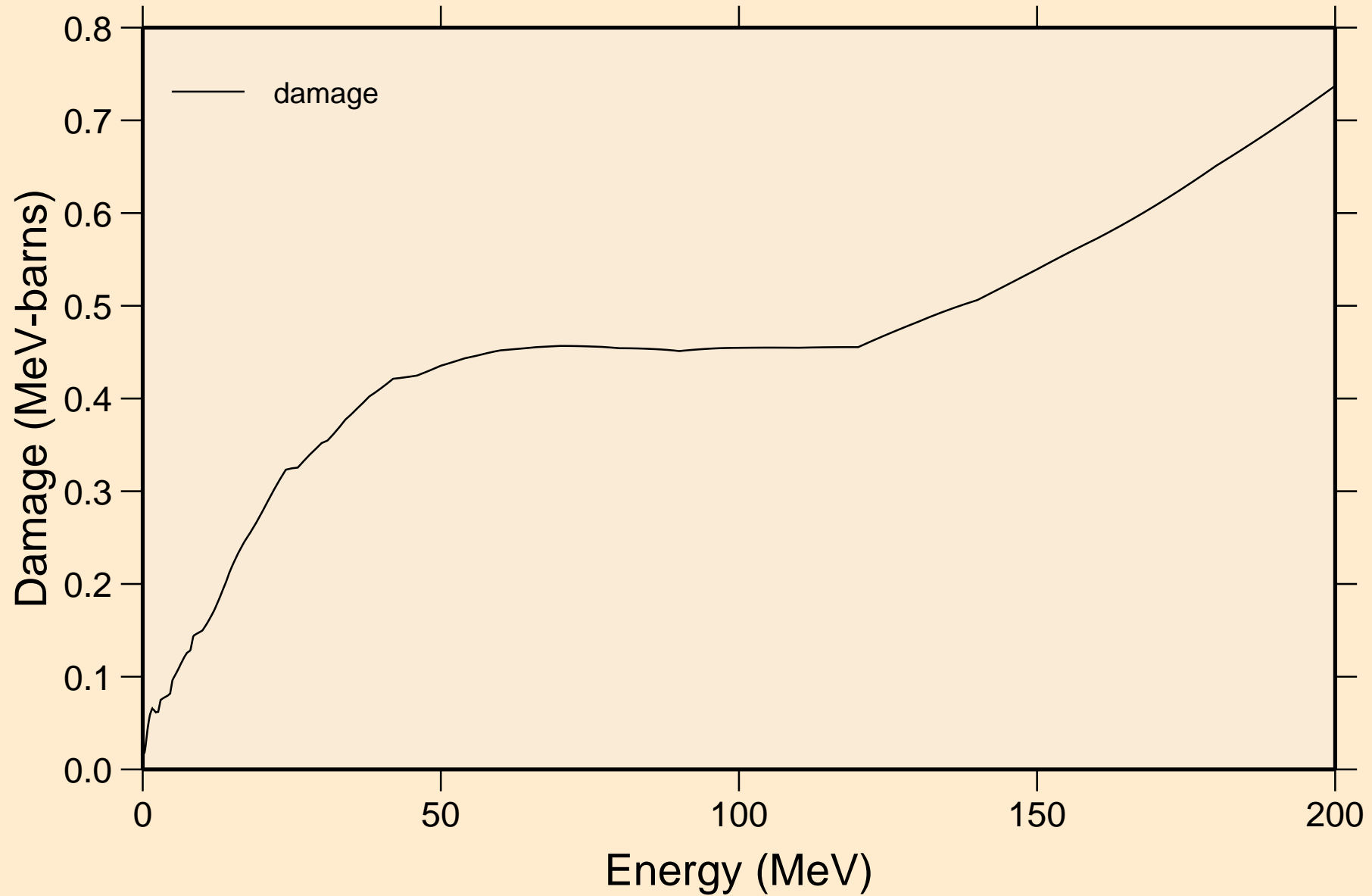
# TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

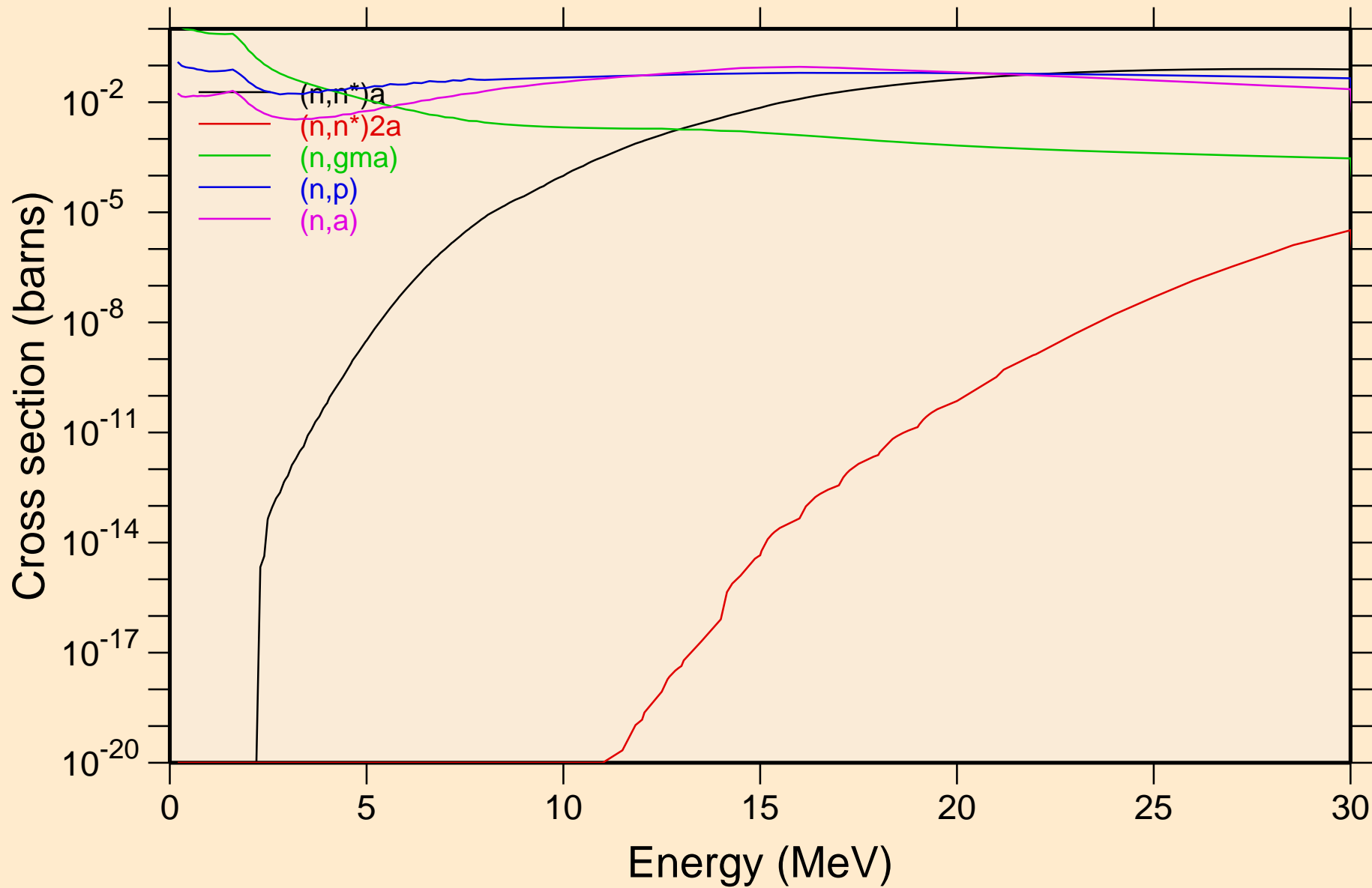




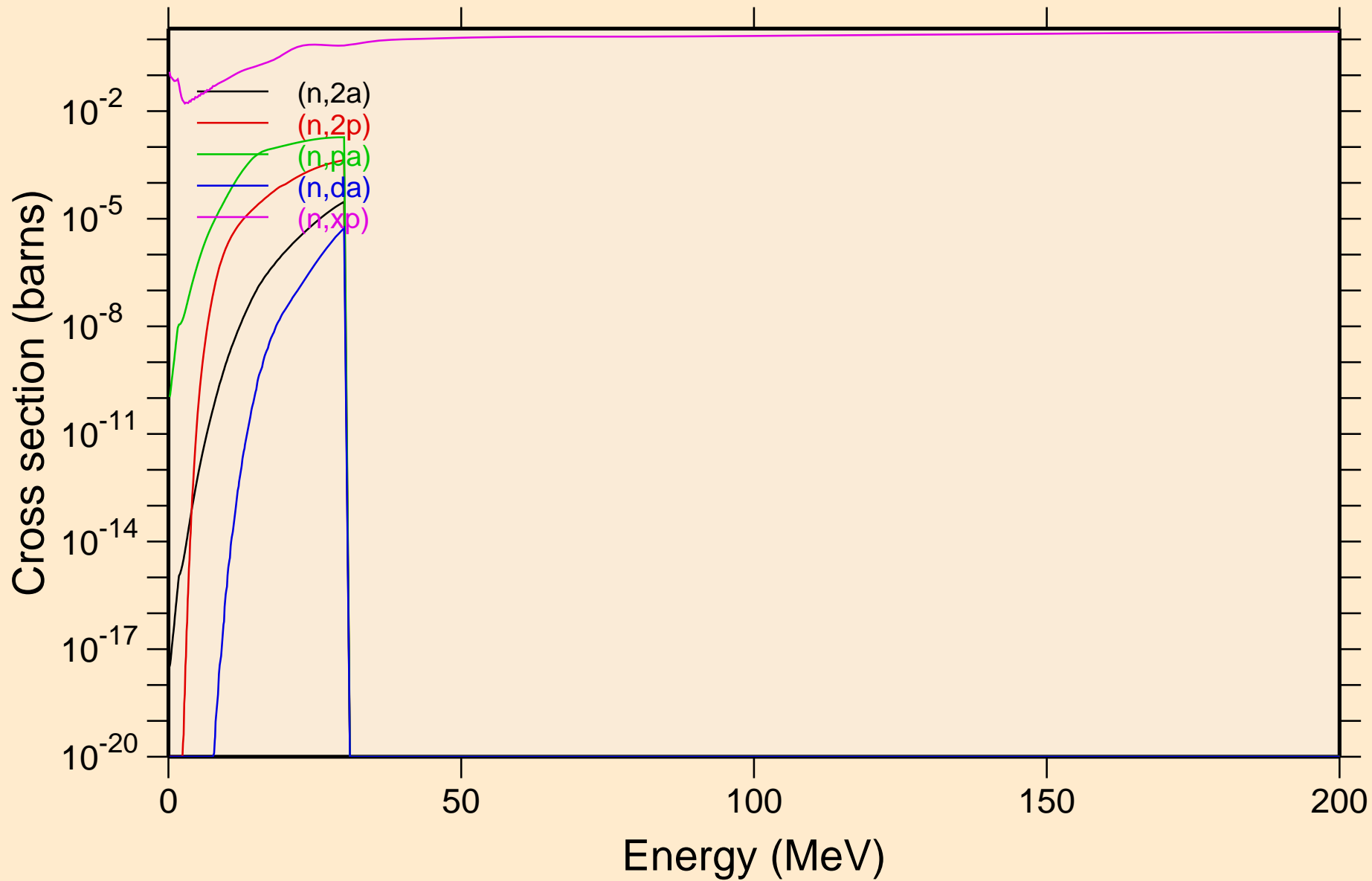
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



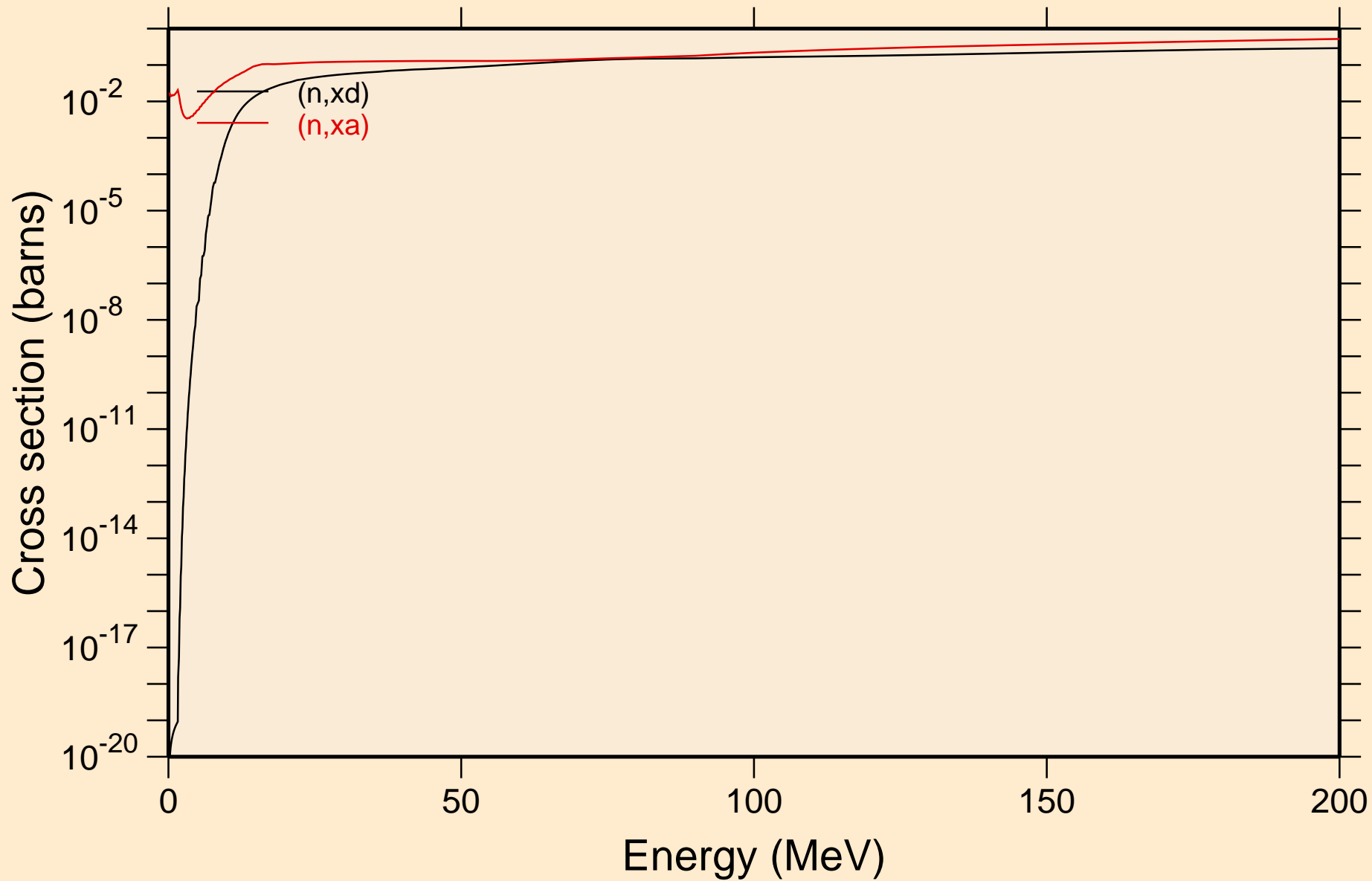
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



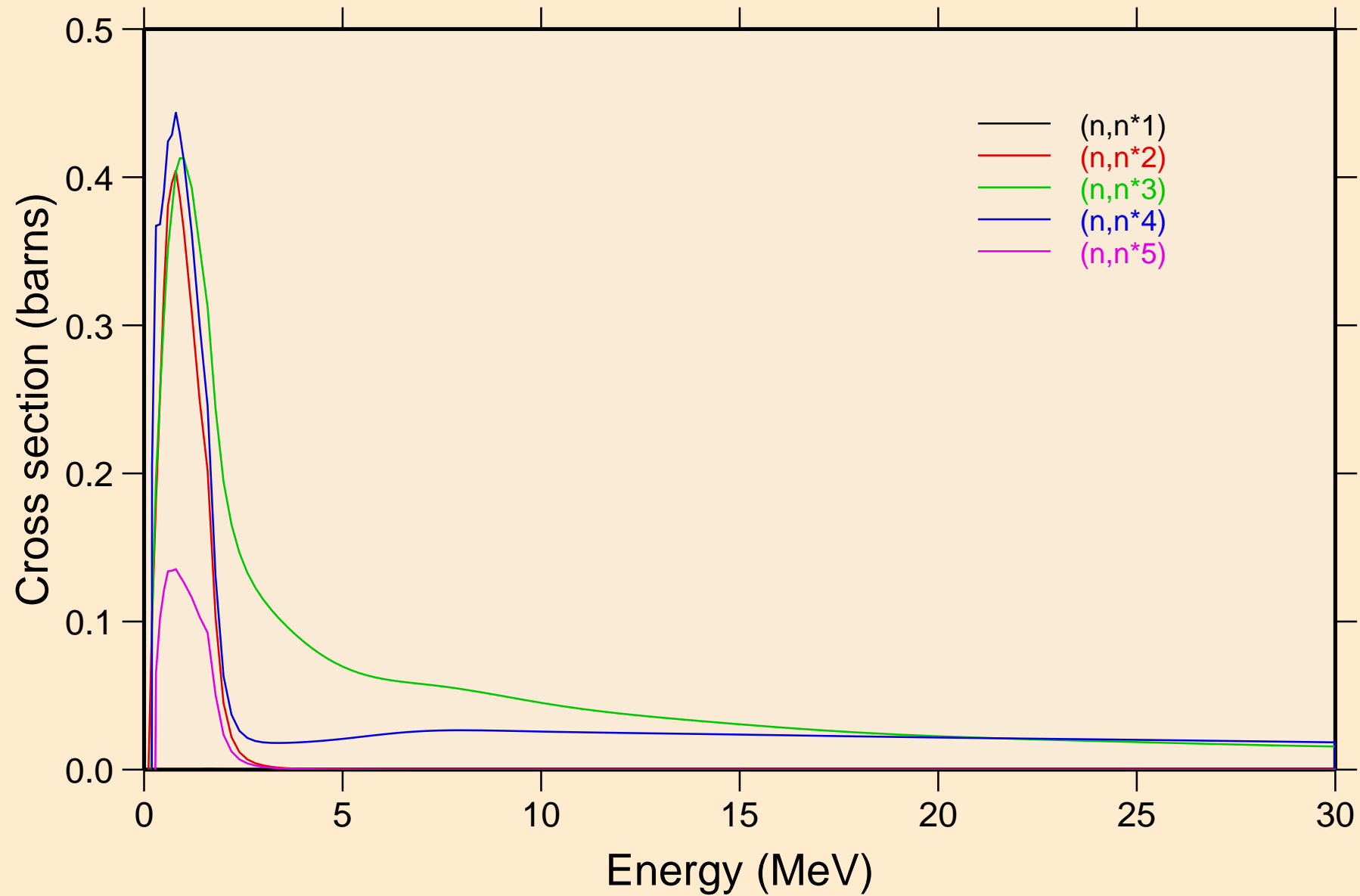
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



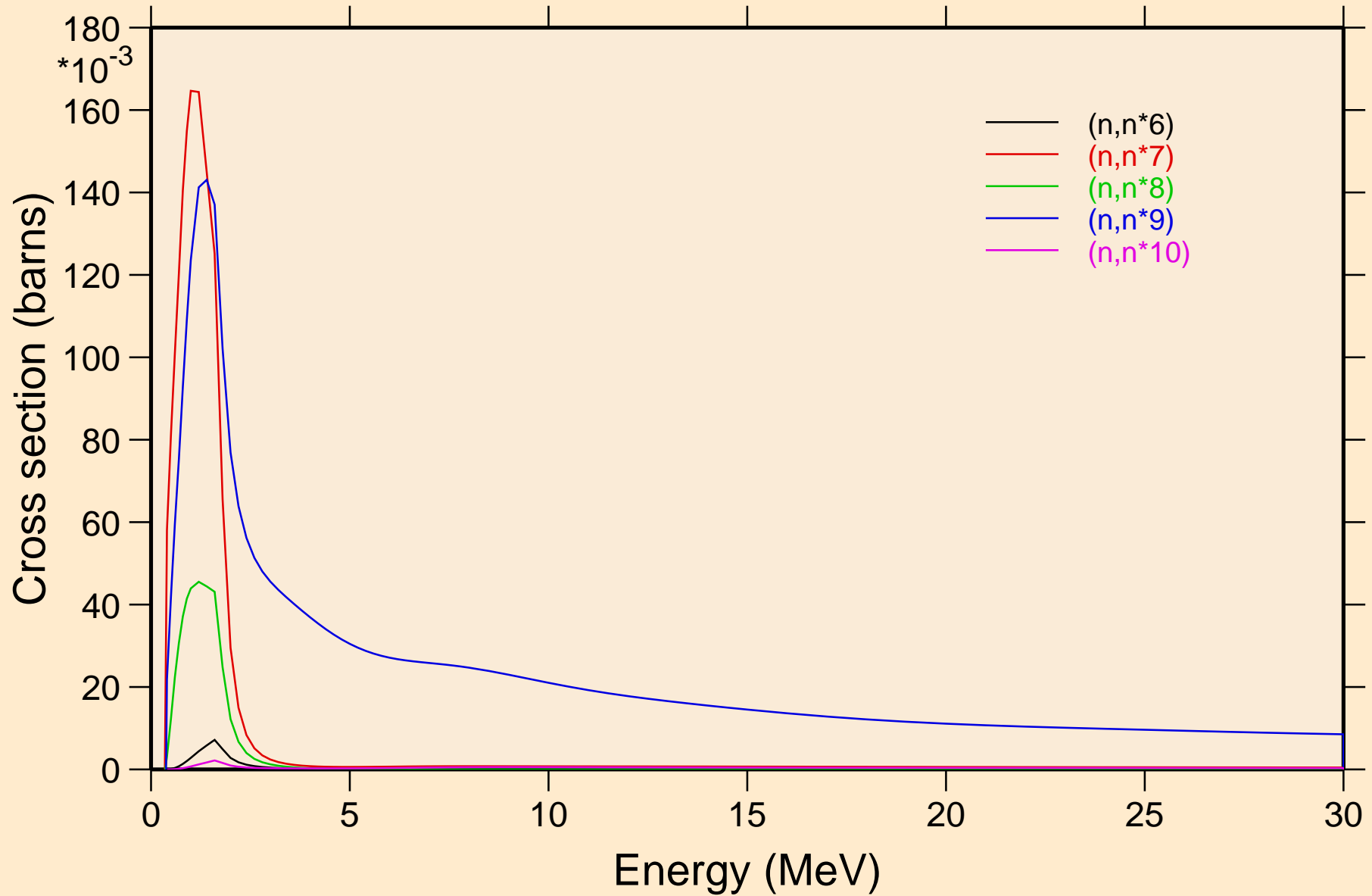
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



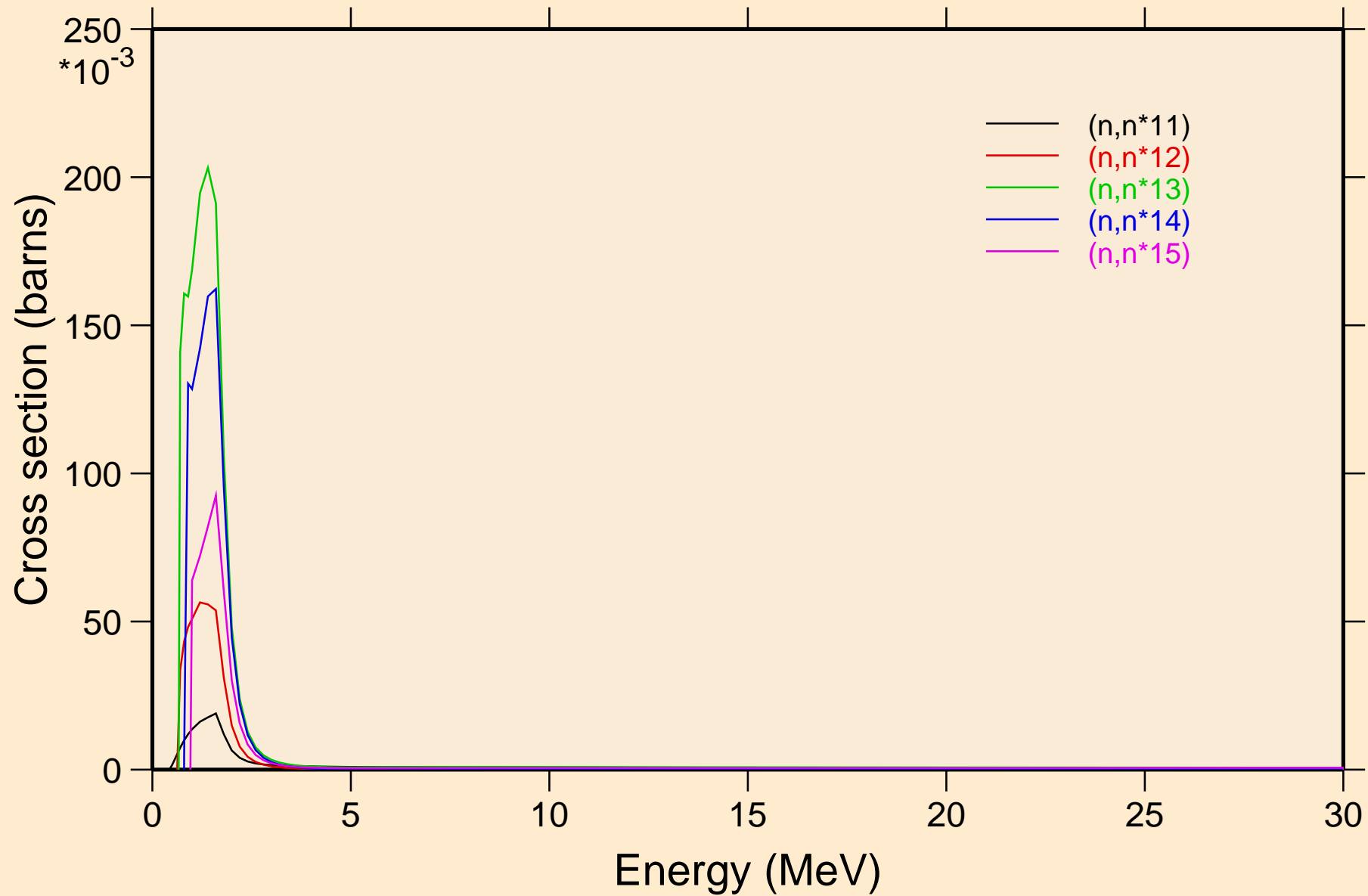
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



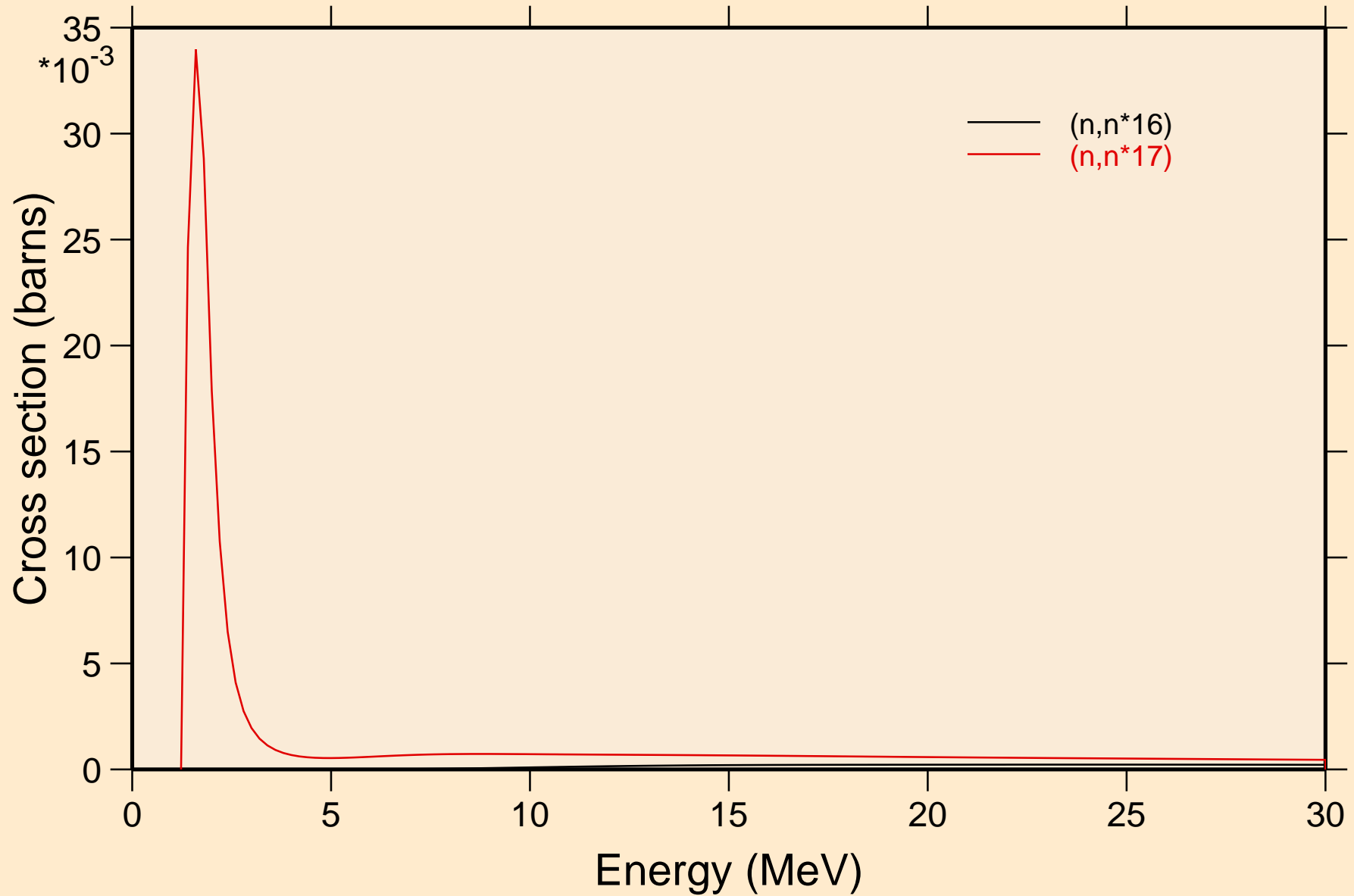
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

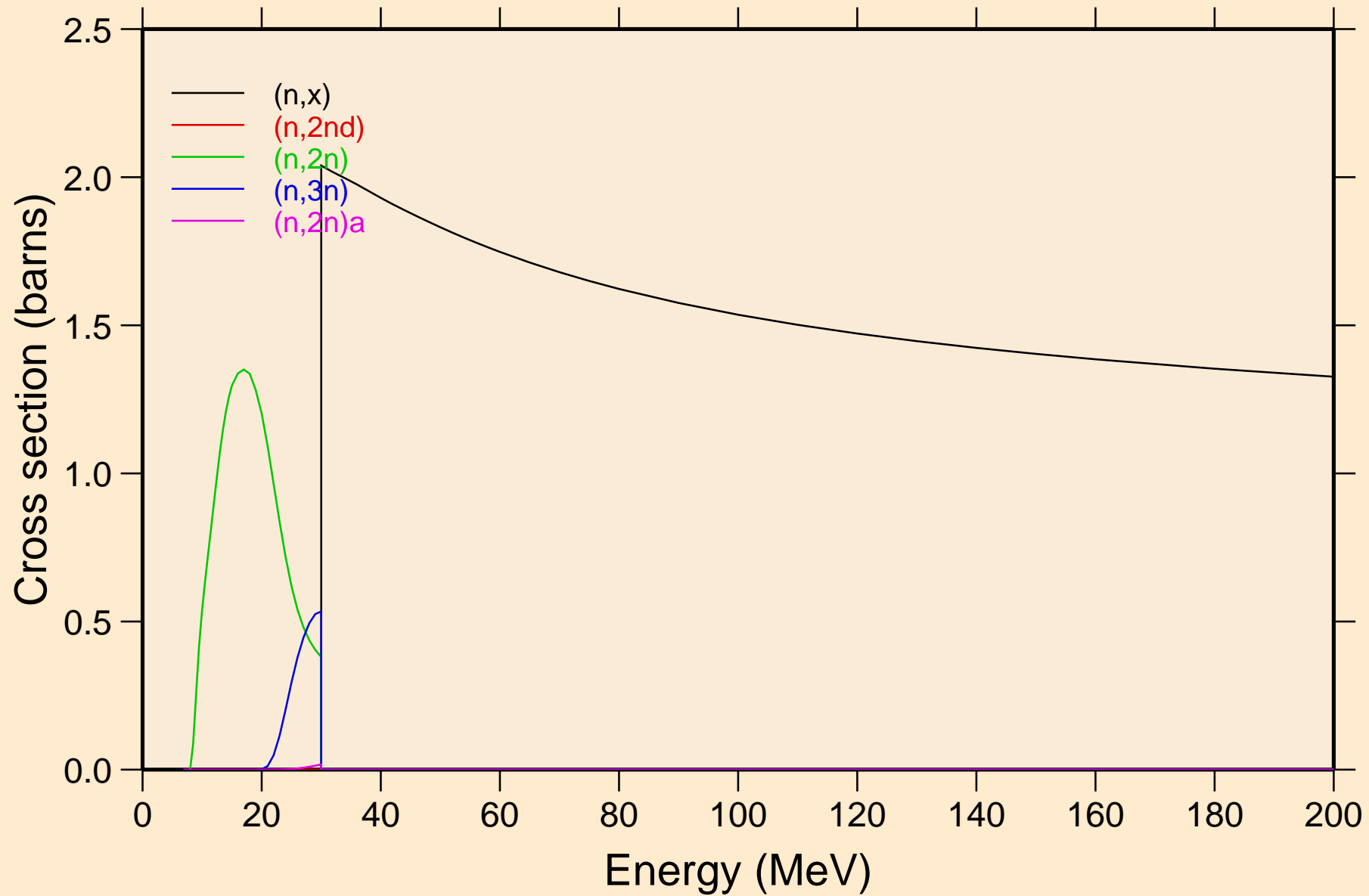


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

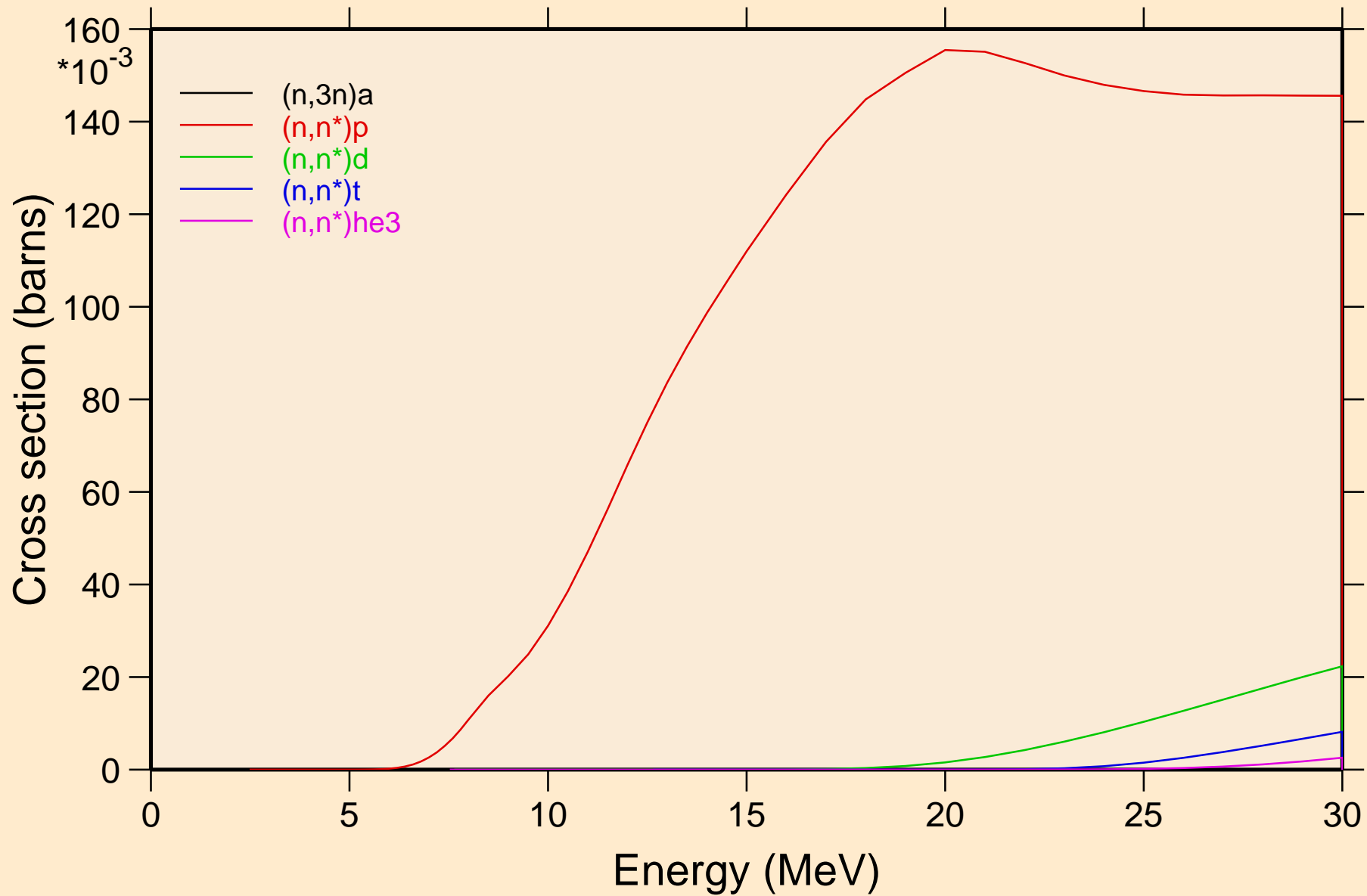




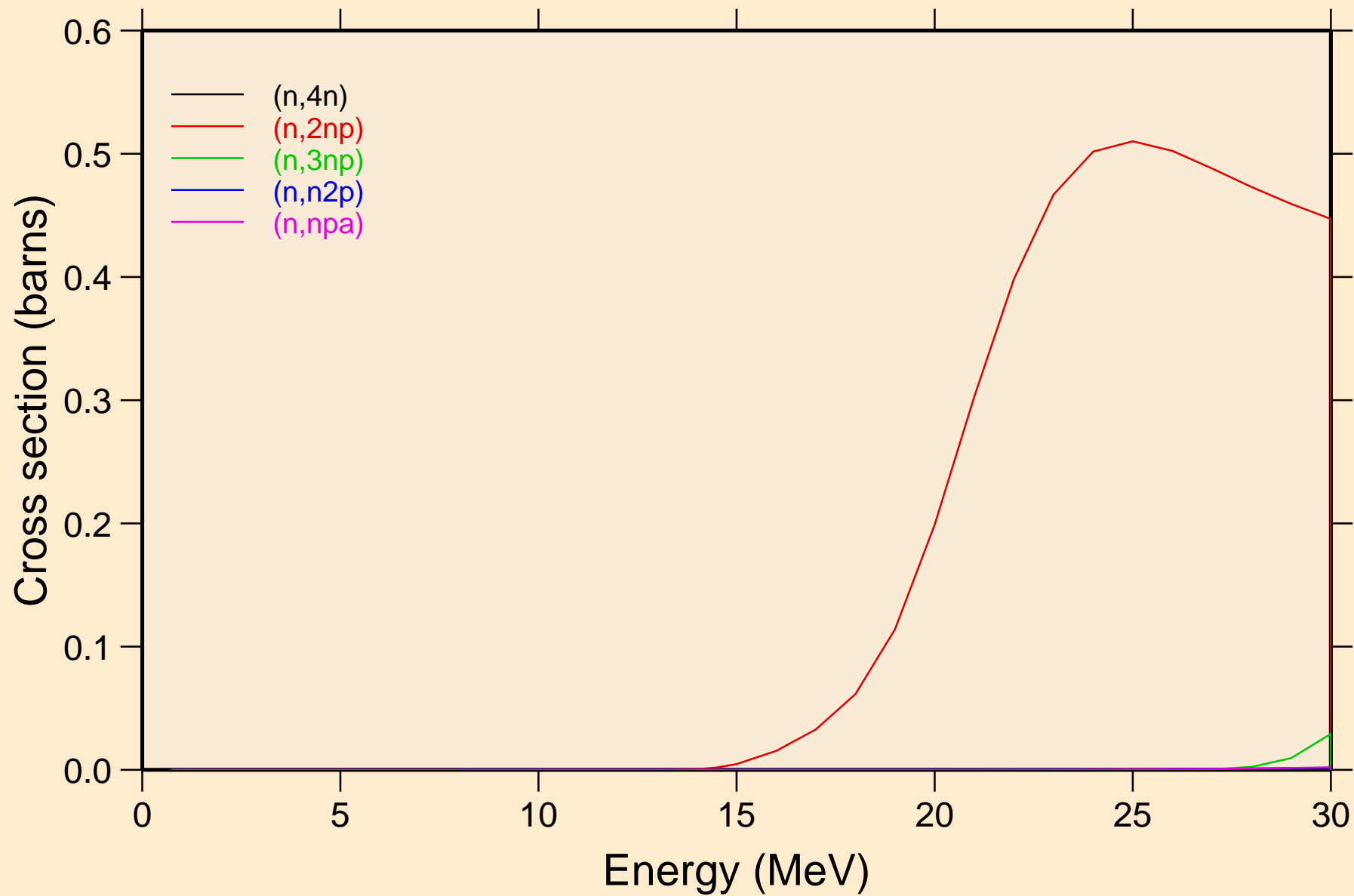
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

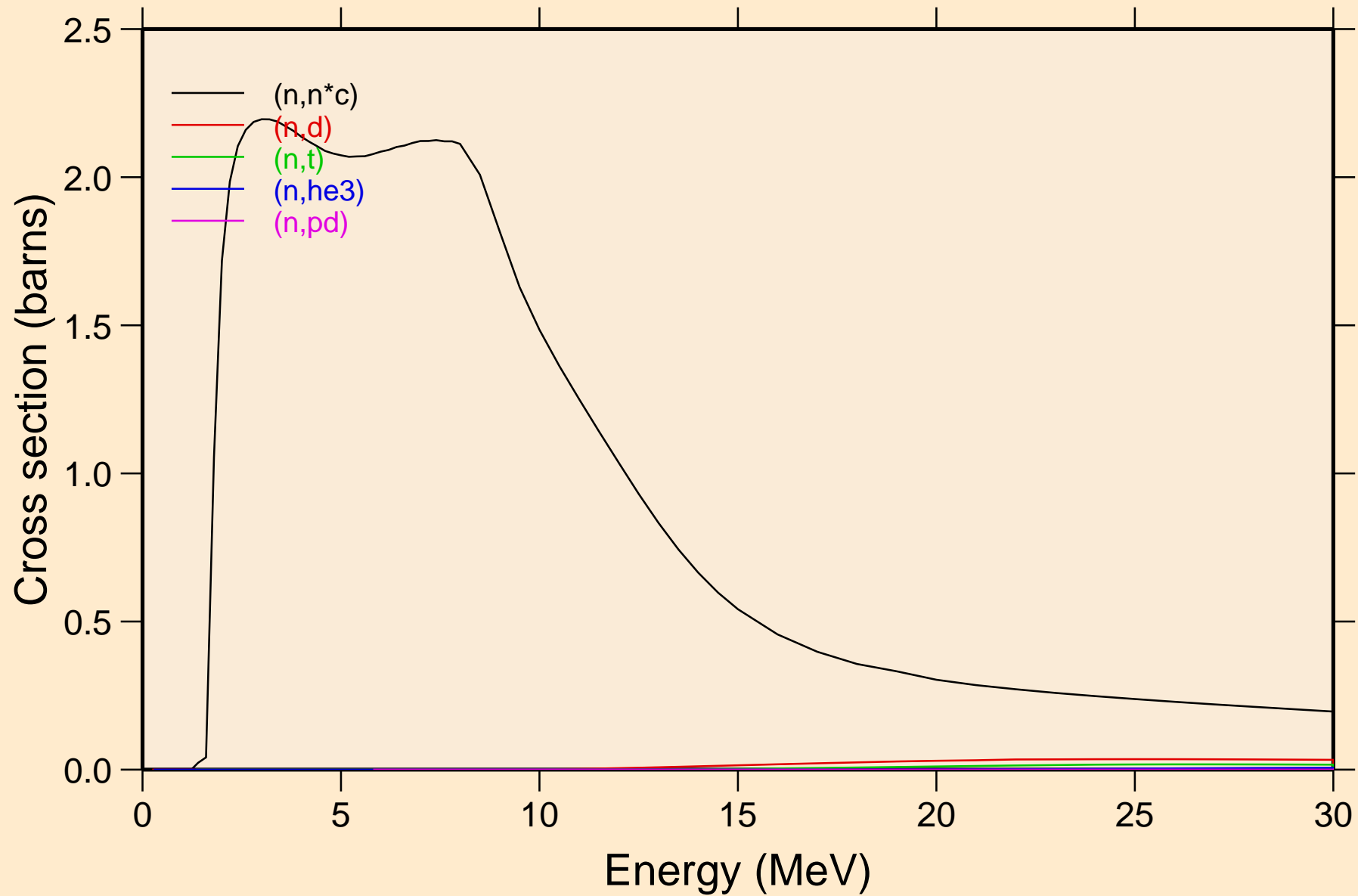


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

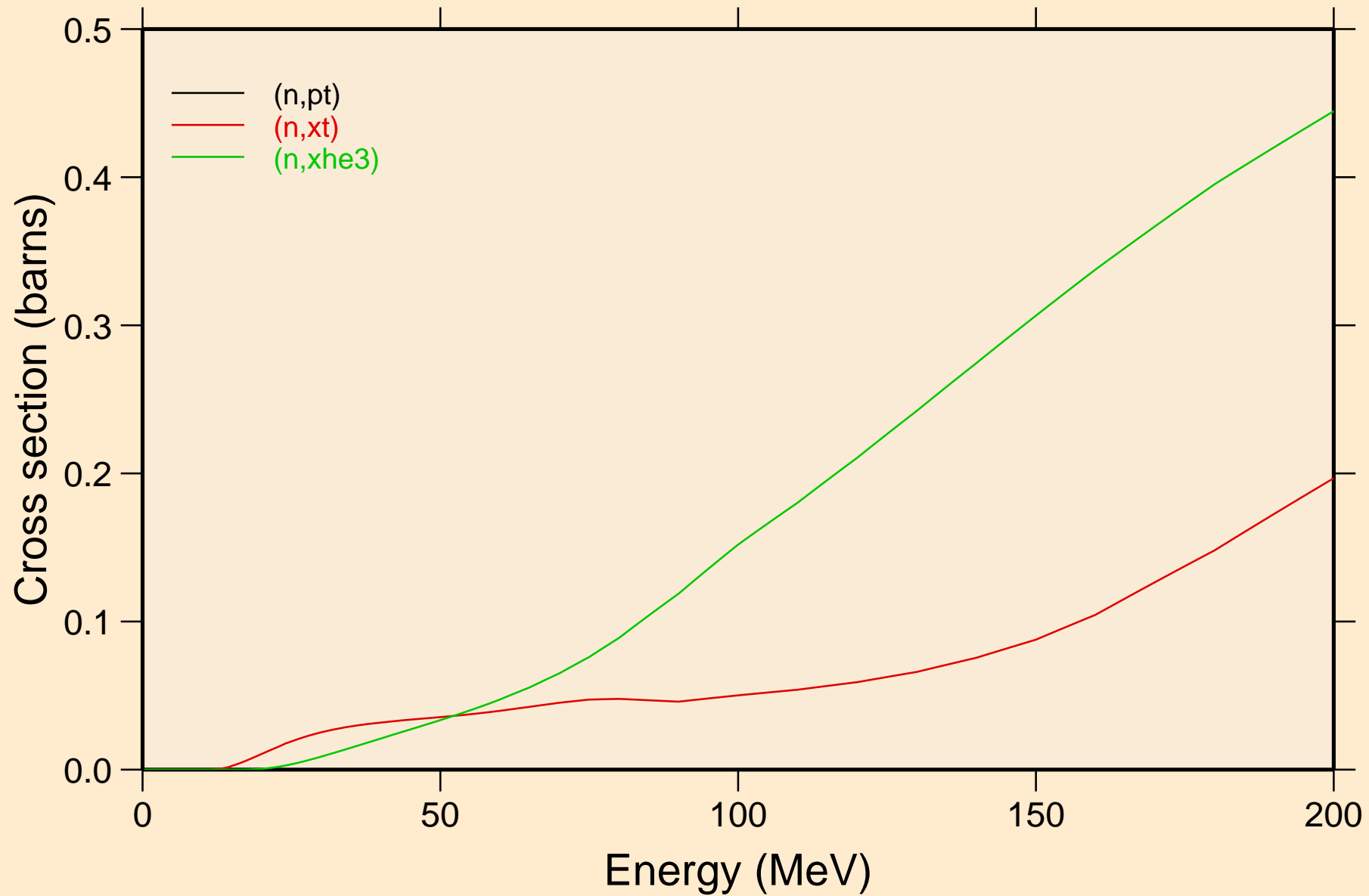


# TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

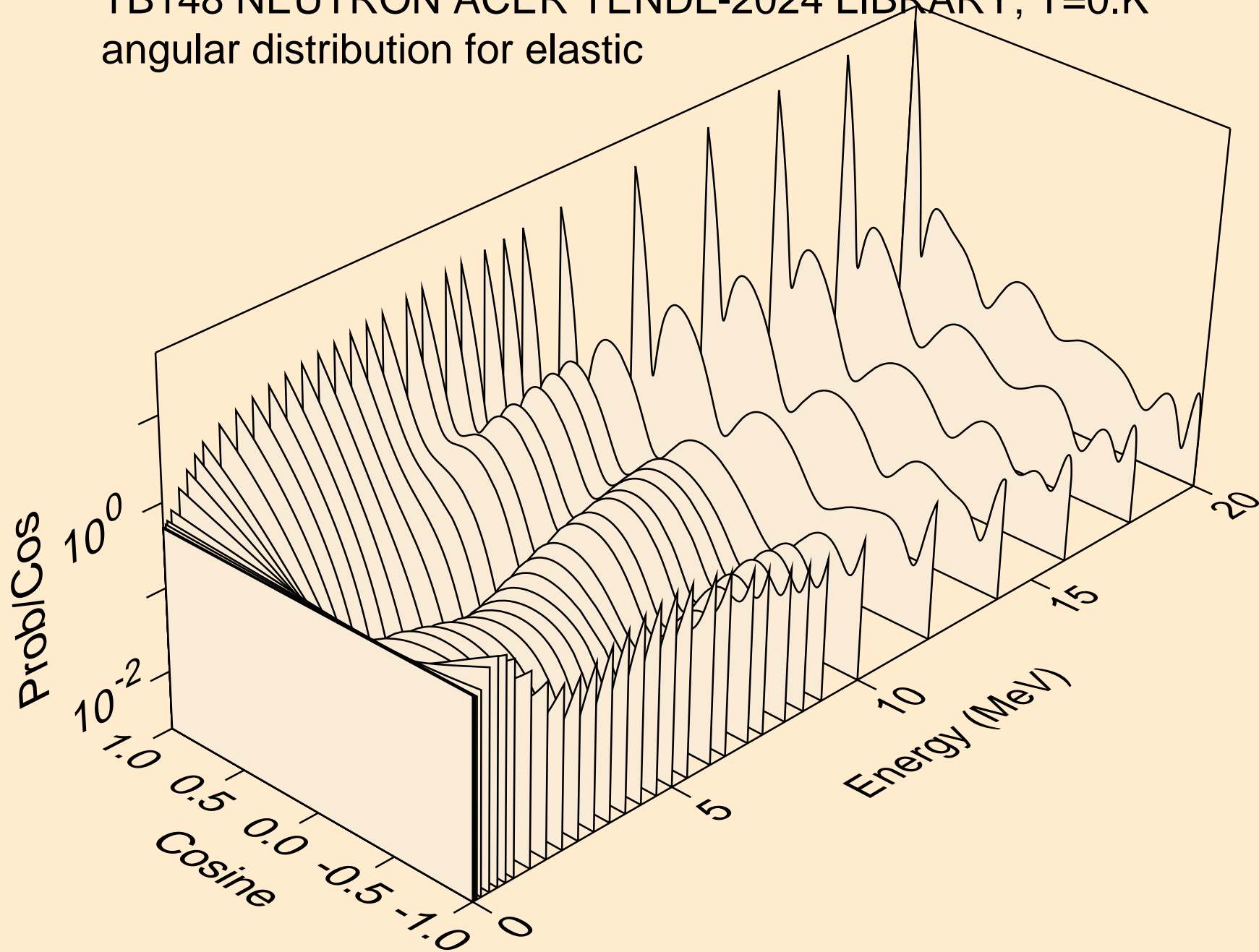
## Threshold reactions



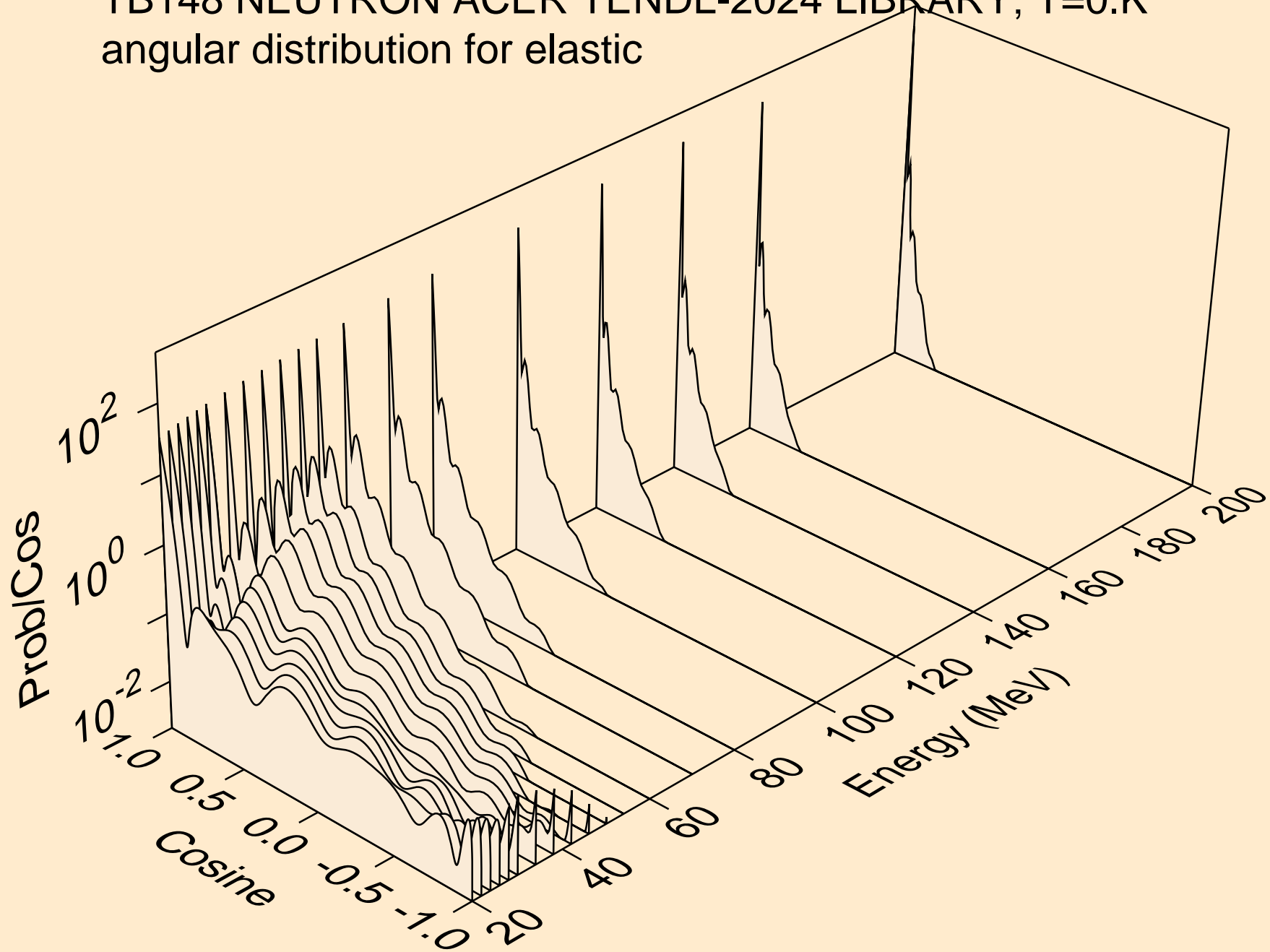
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



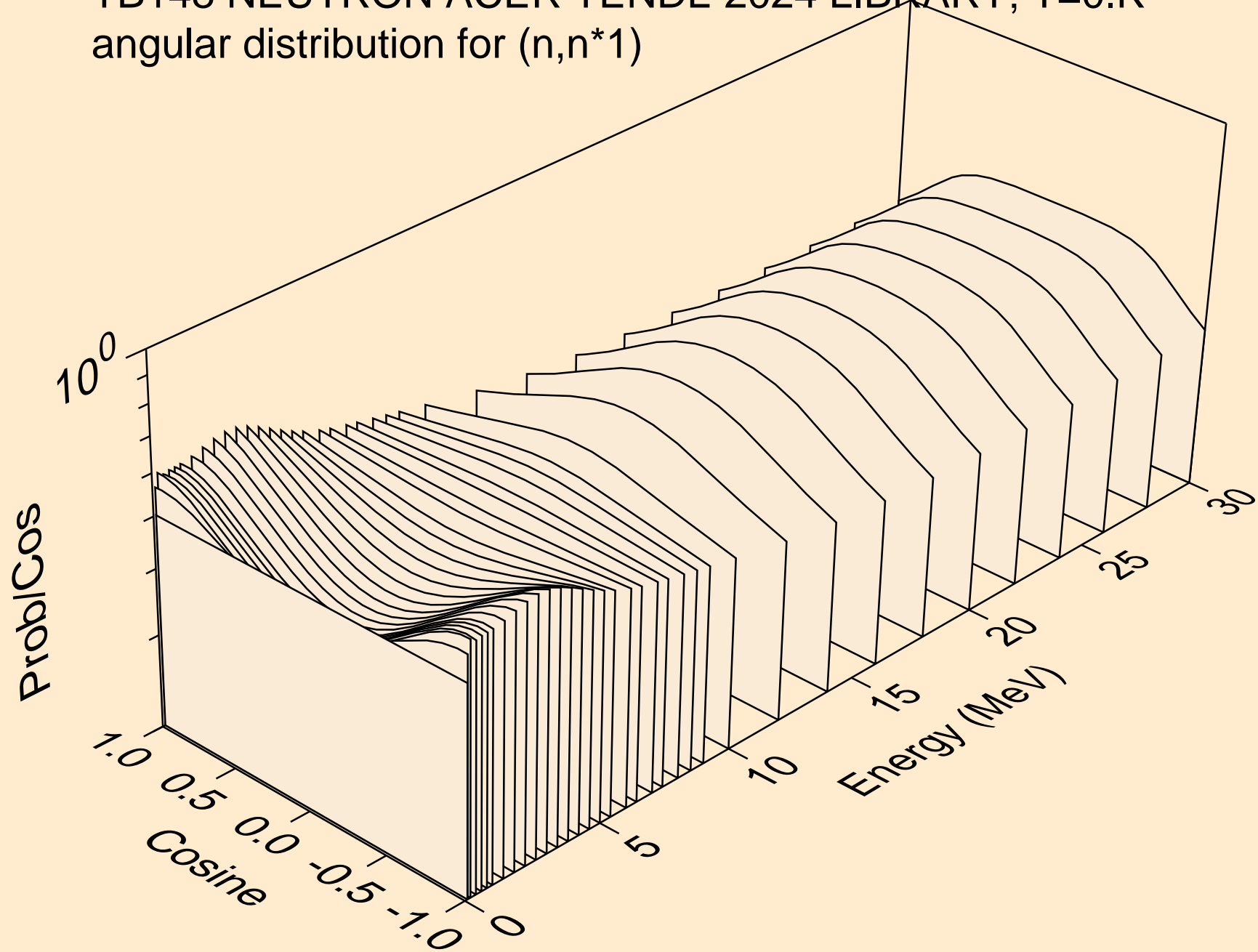
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

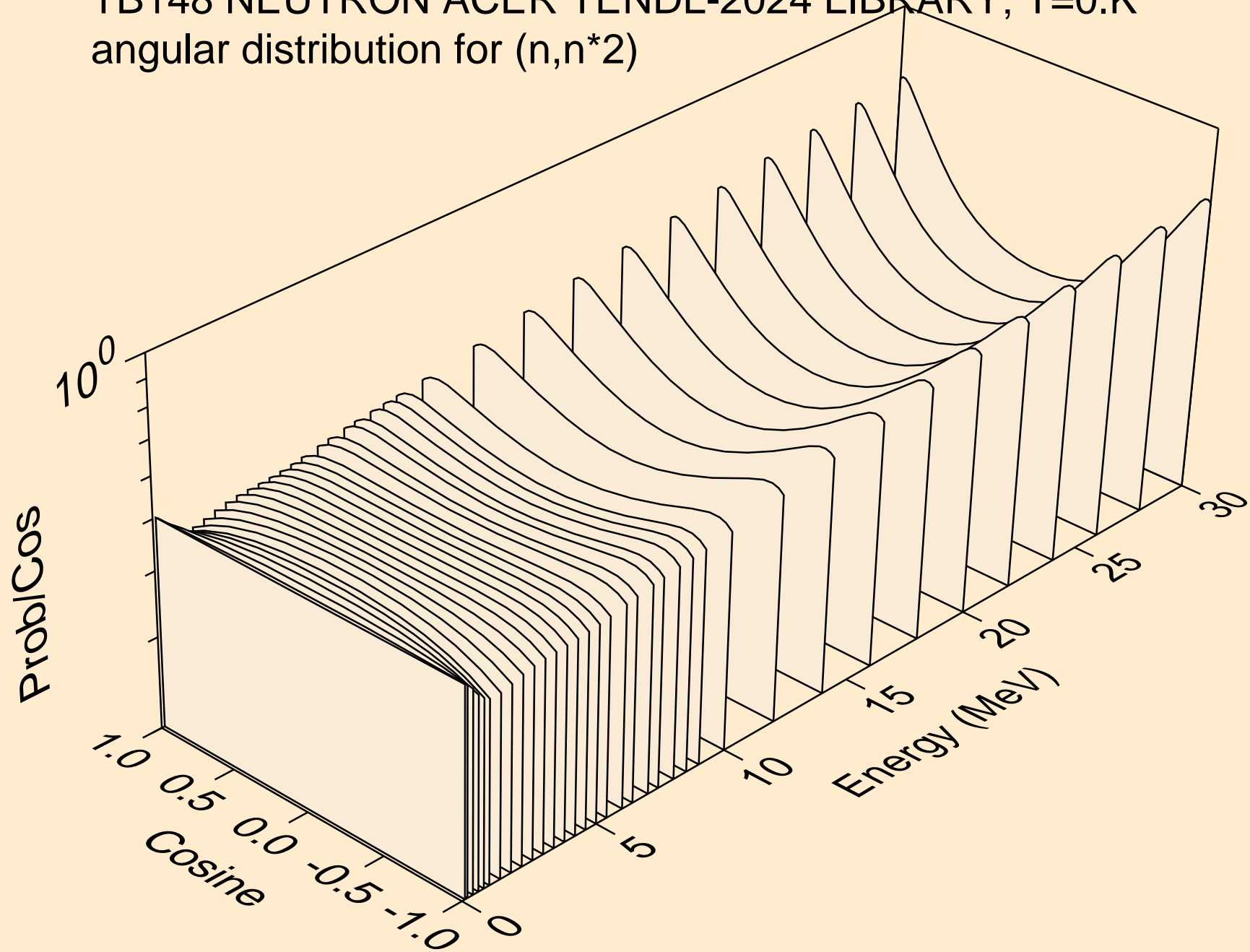


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

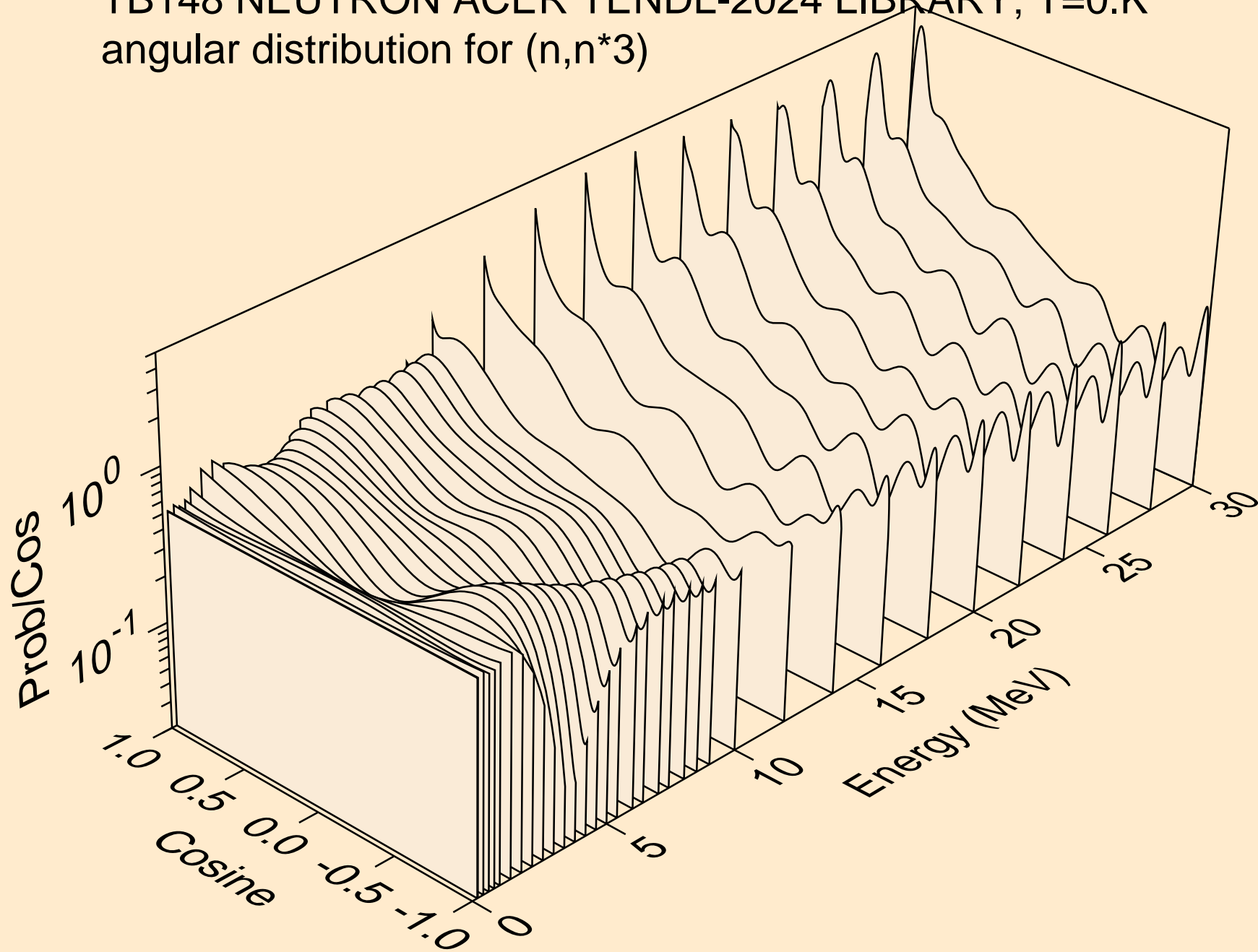




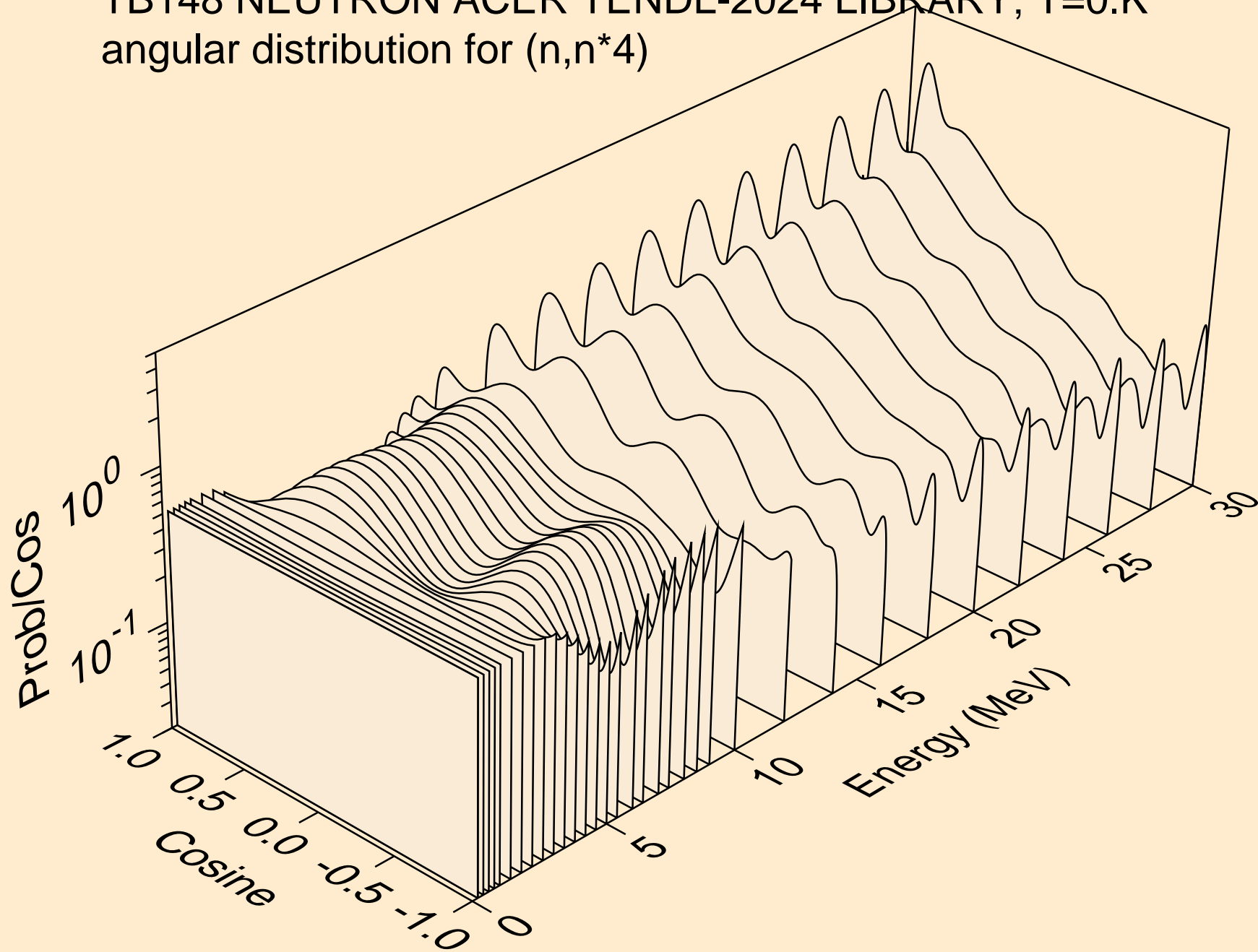
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



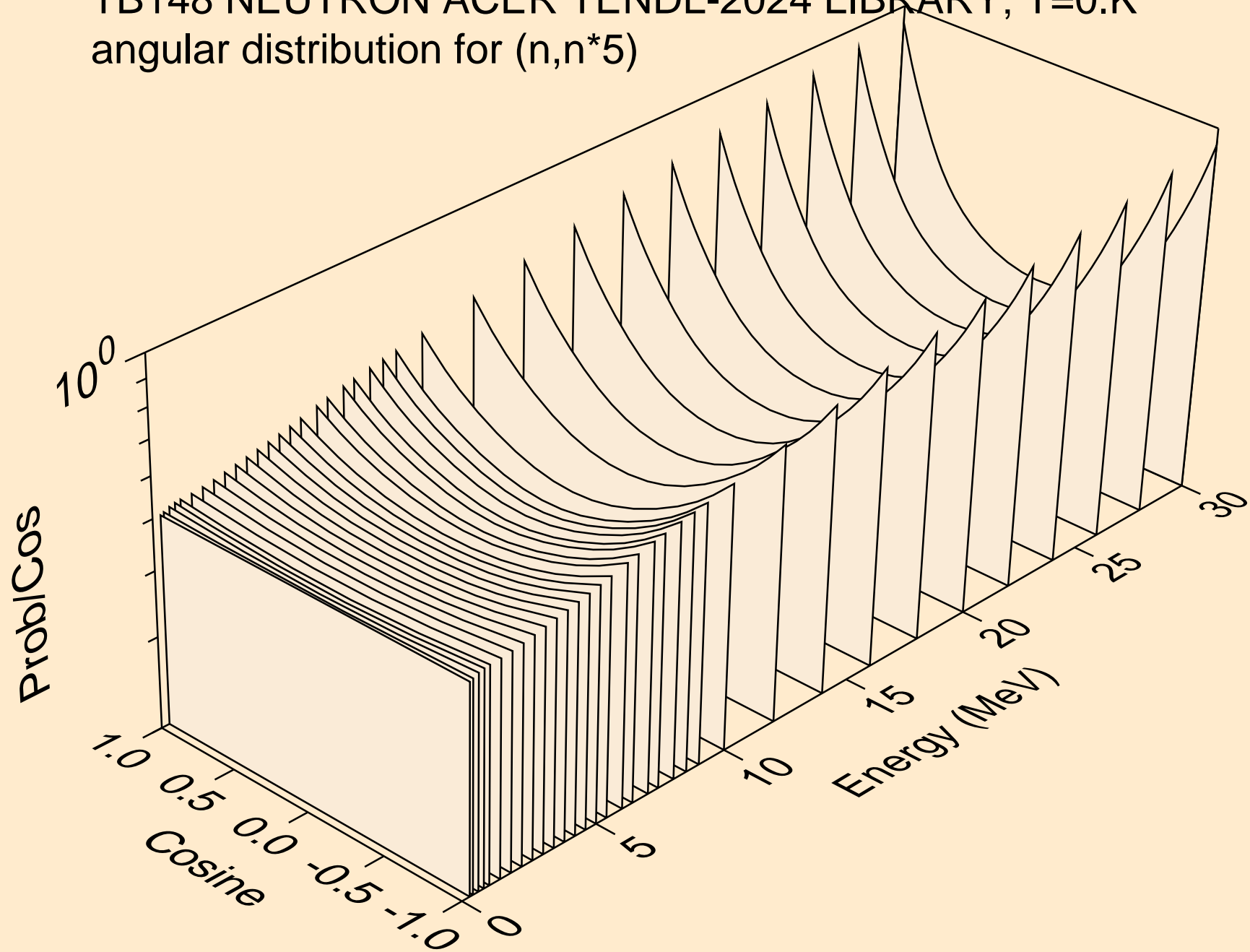
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



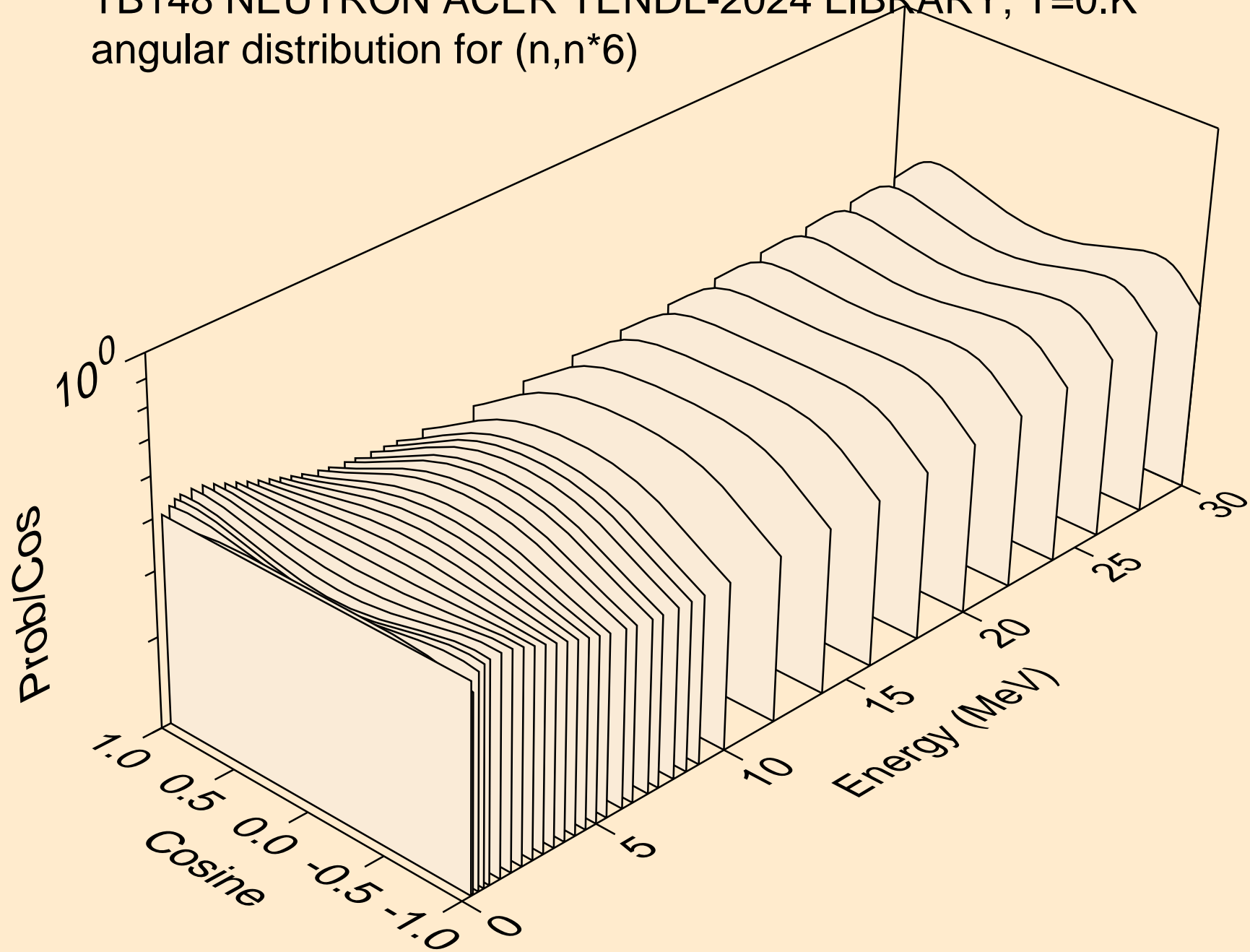
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



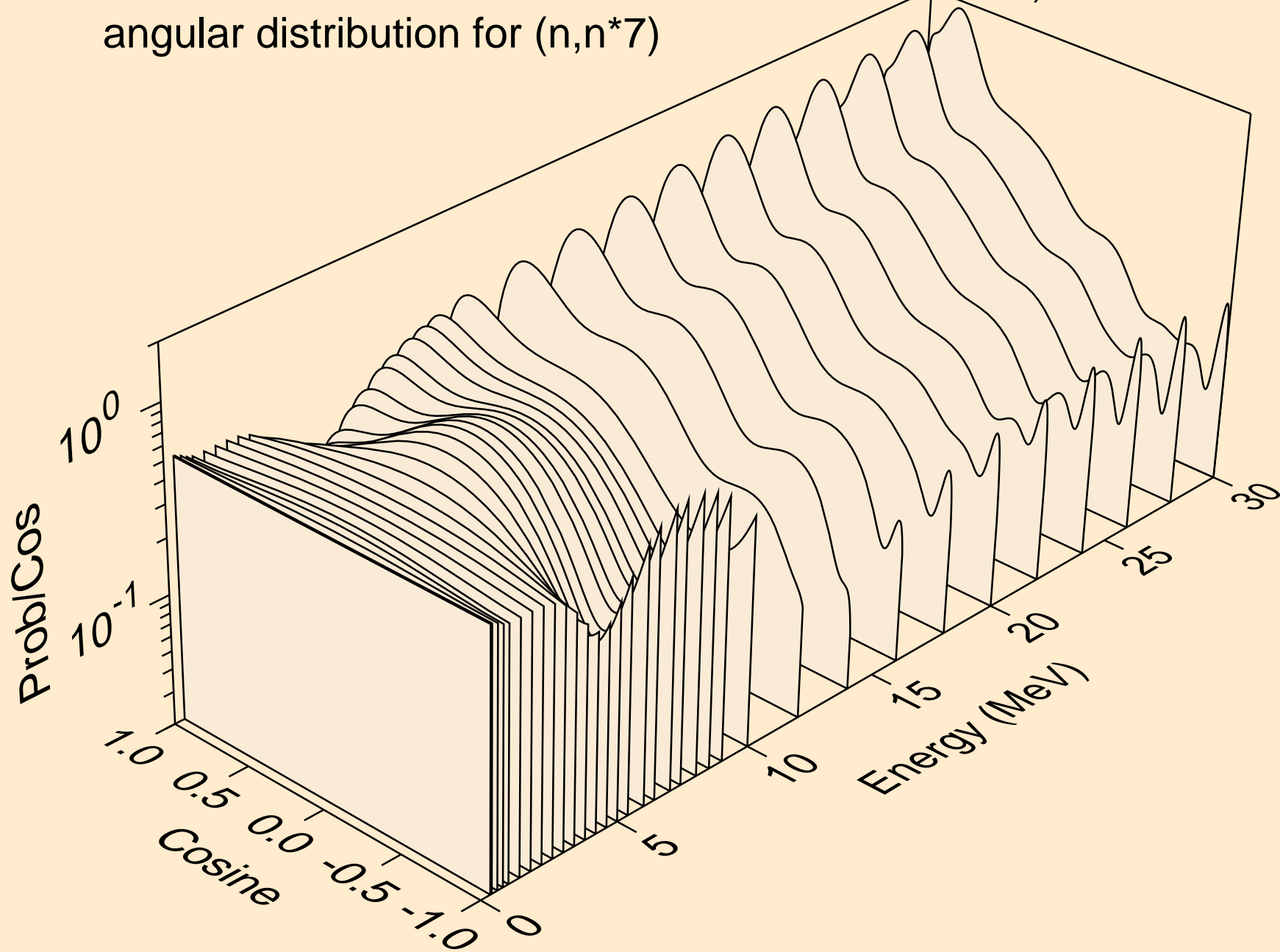
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



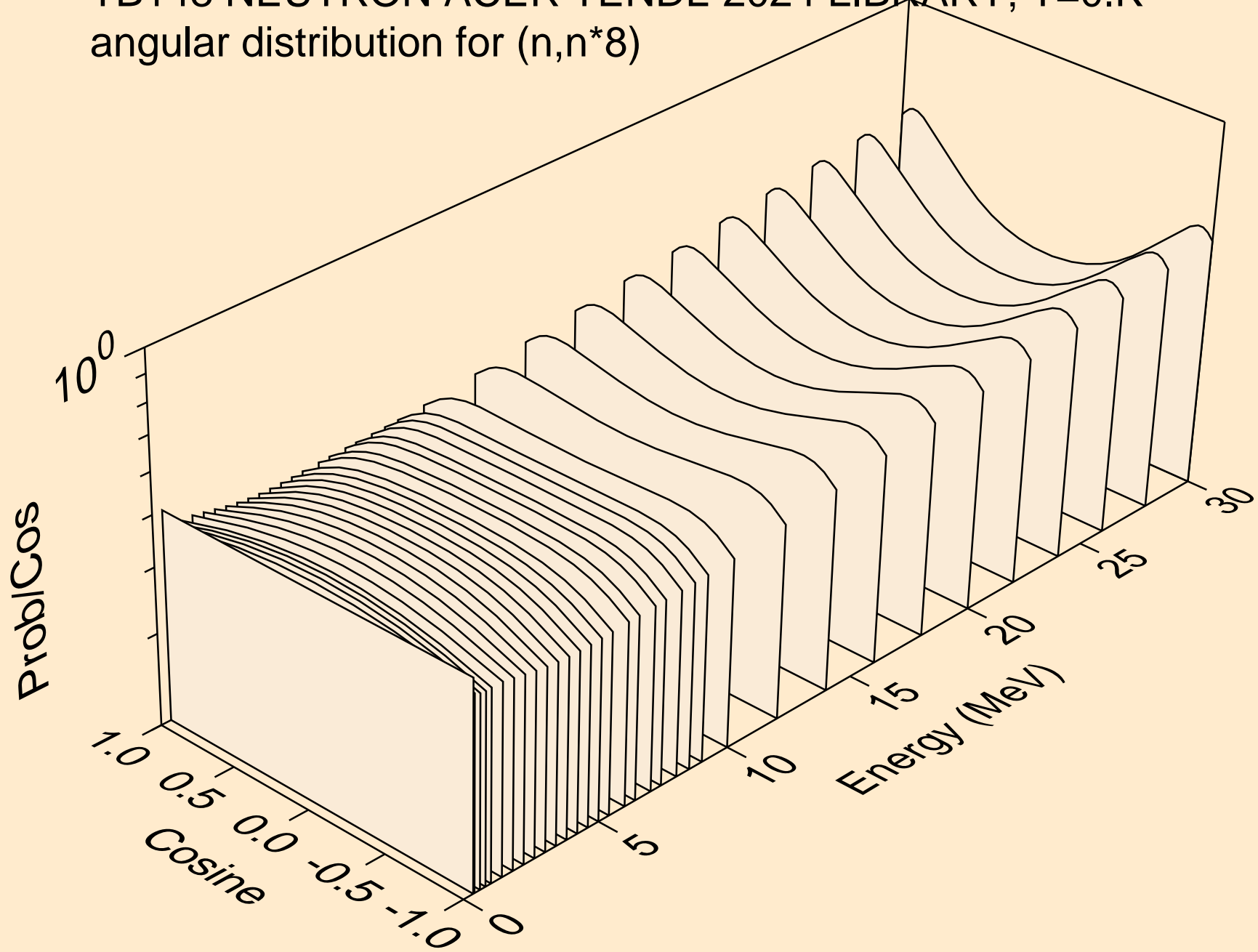
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



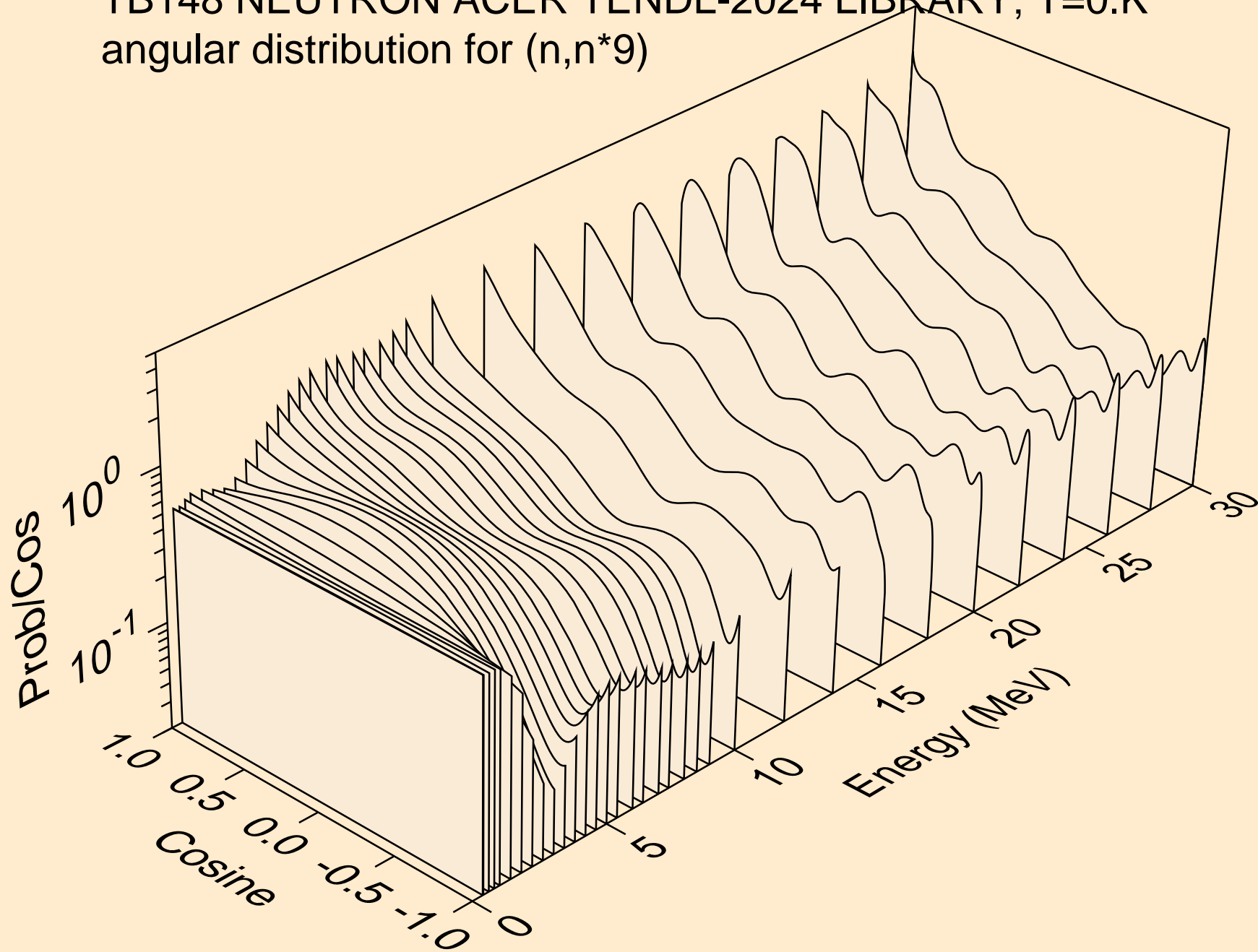
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

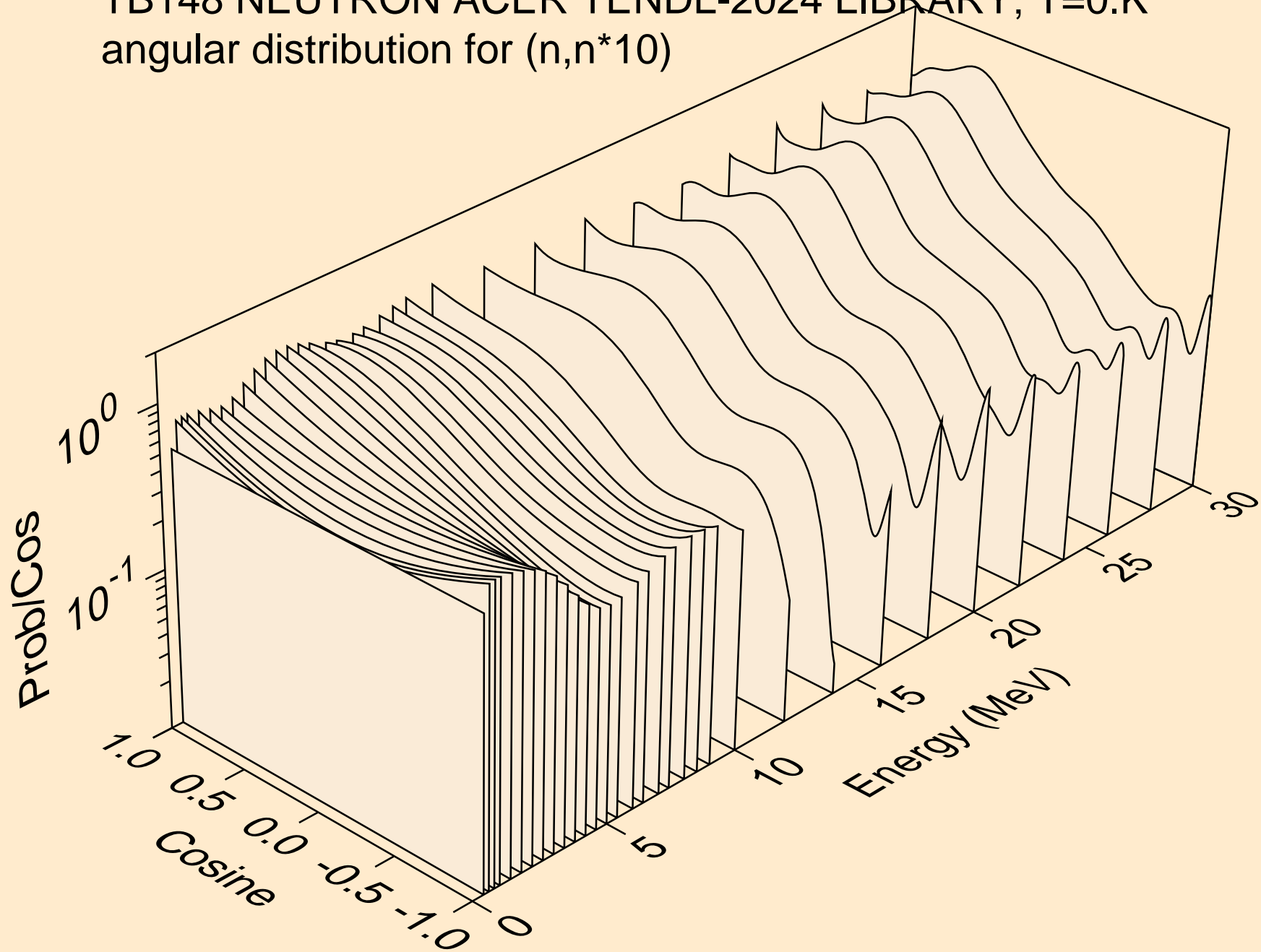


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

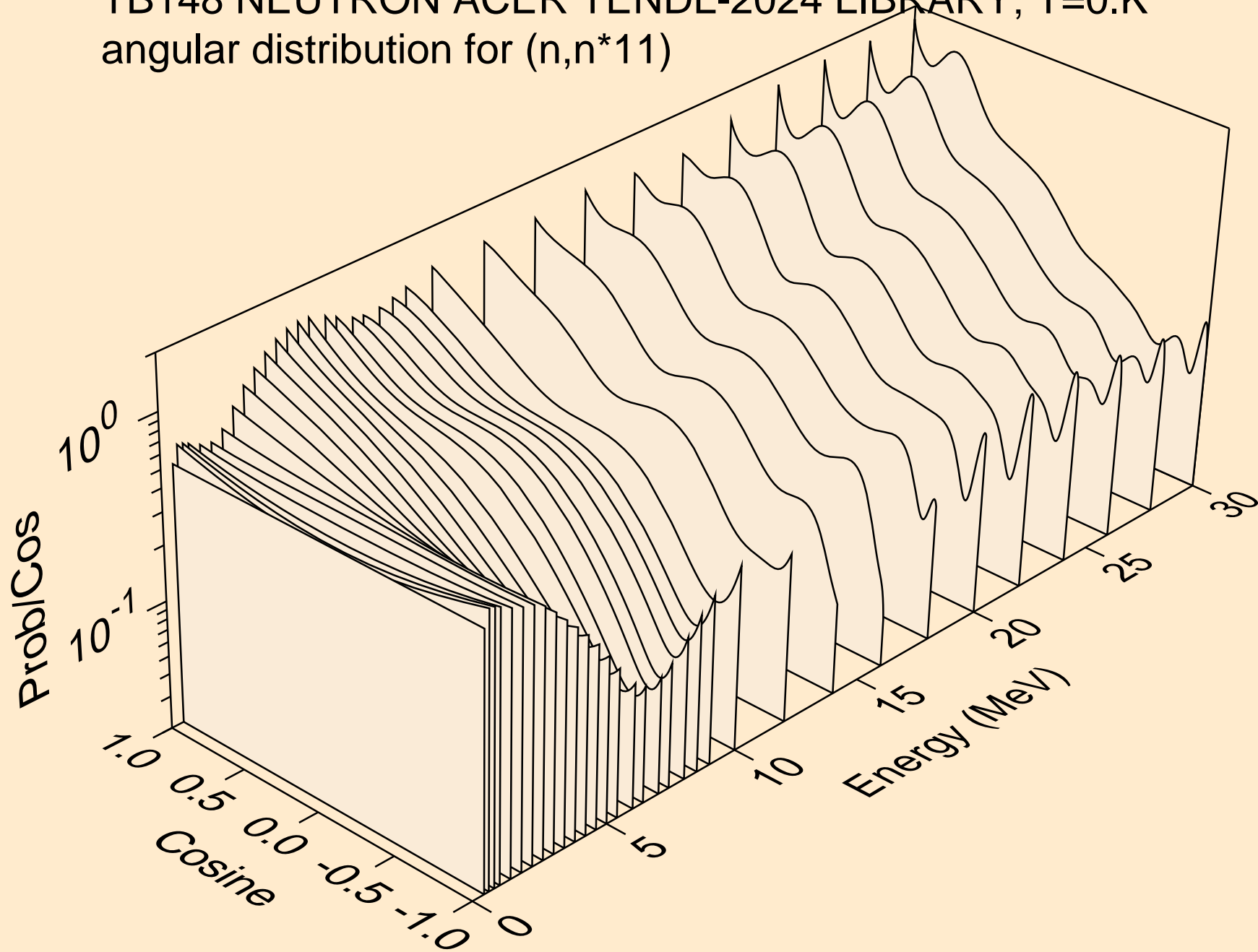




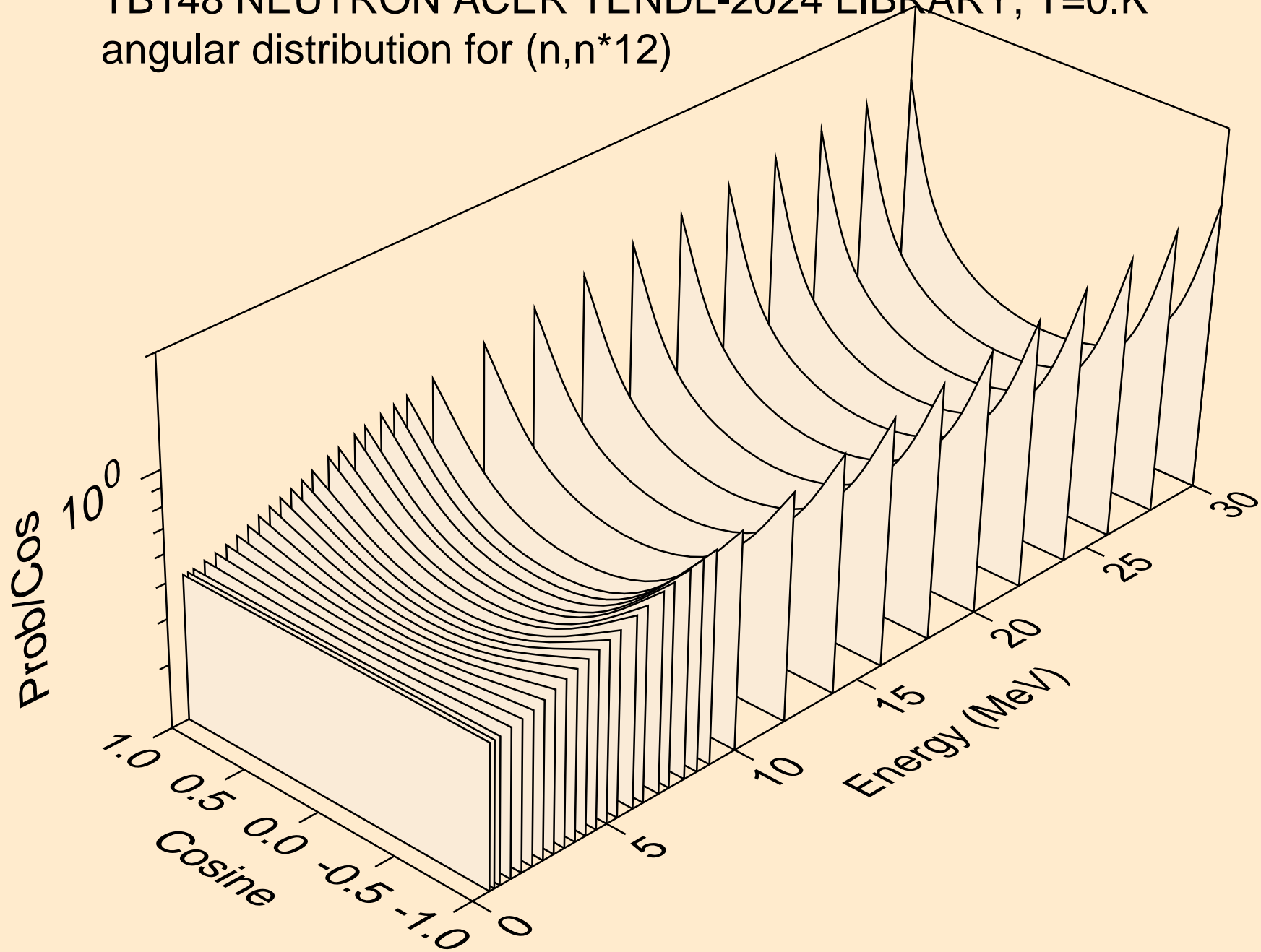
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



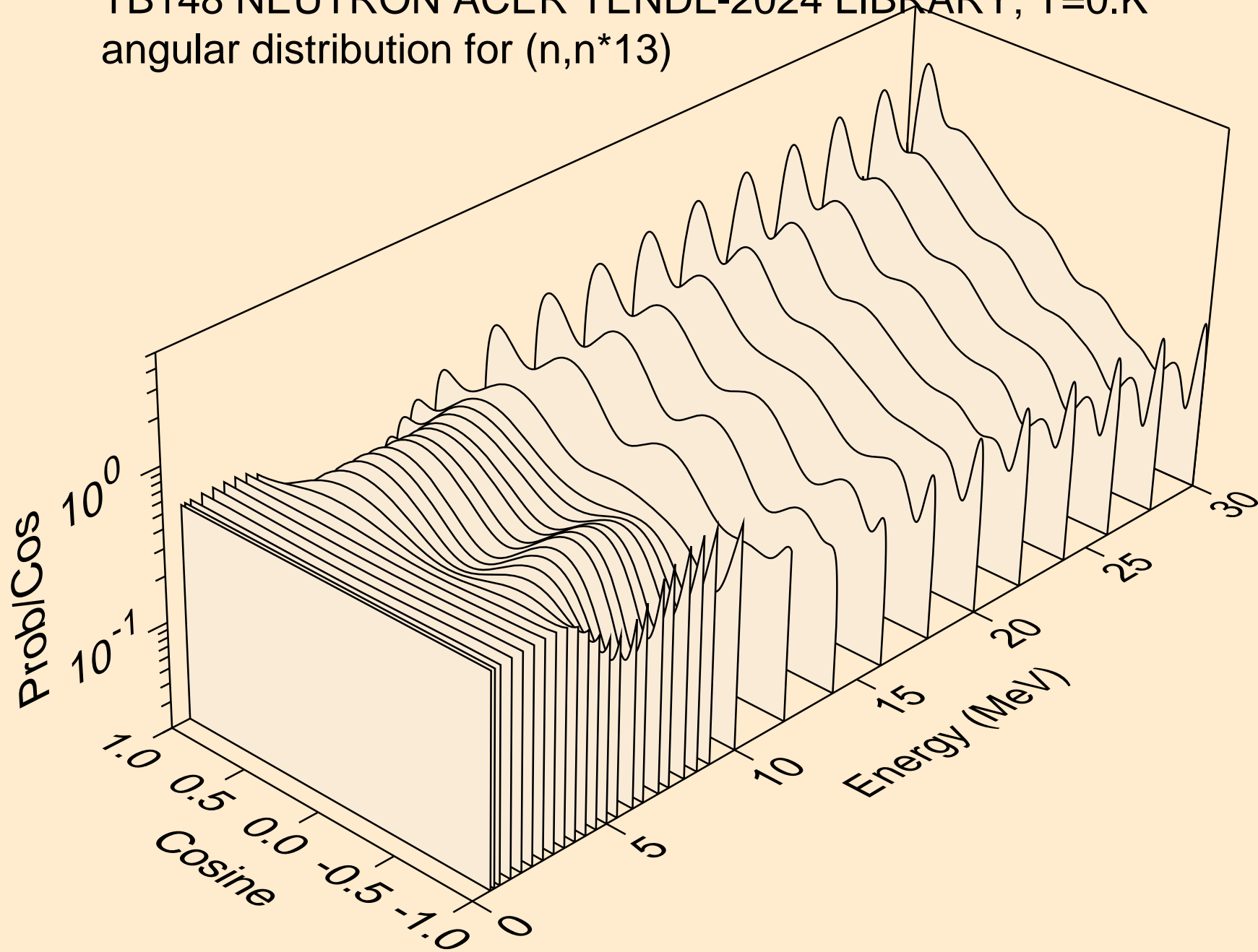
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



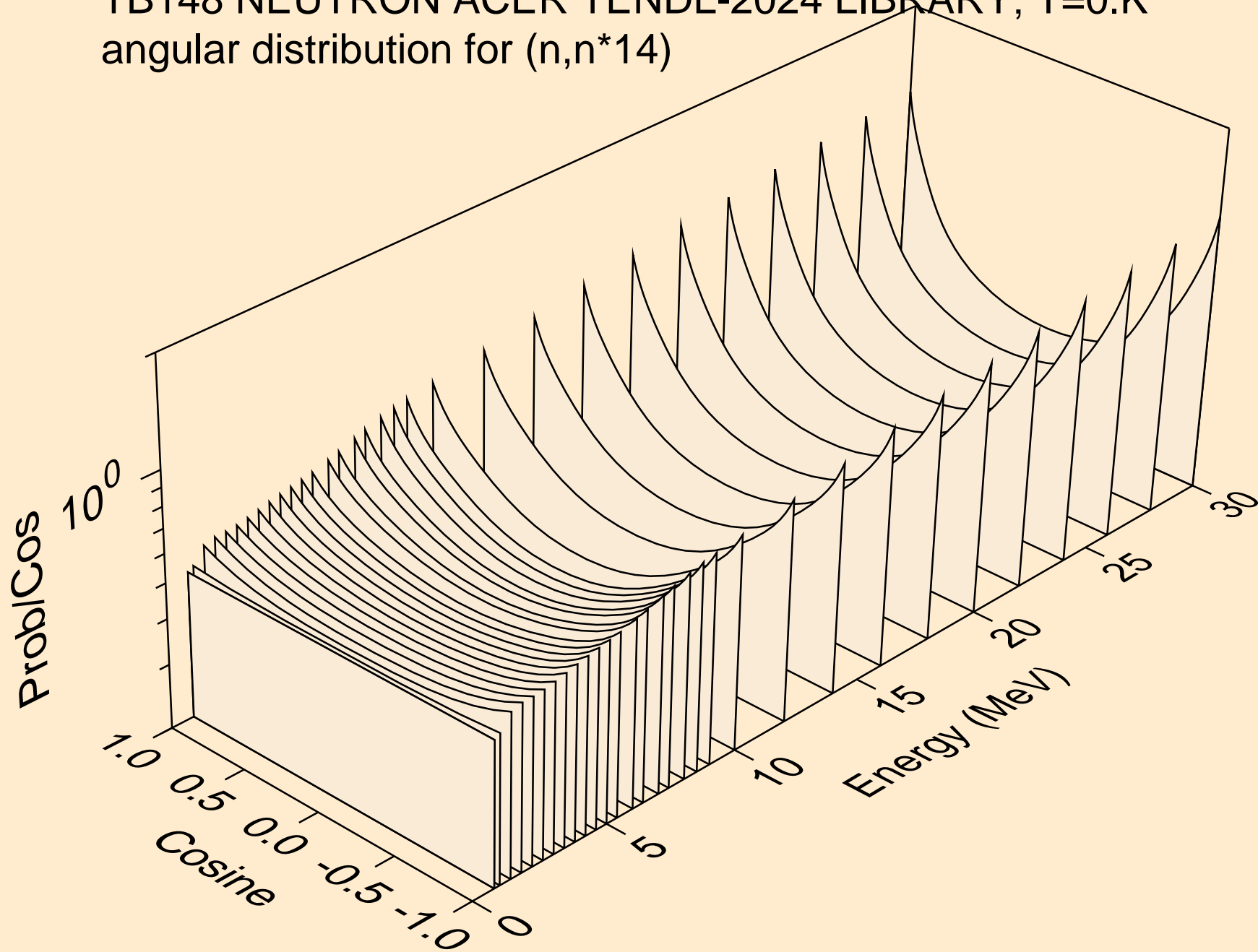
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



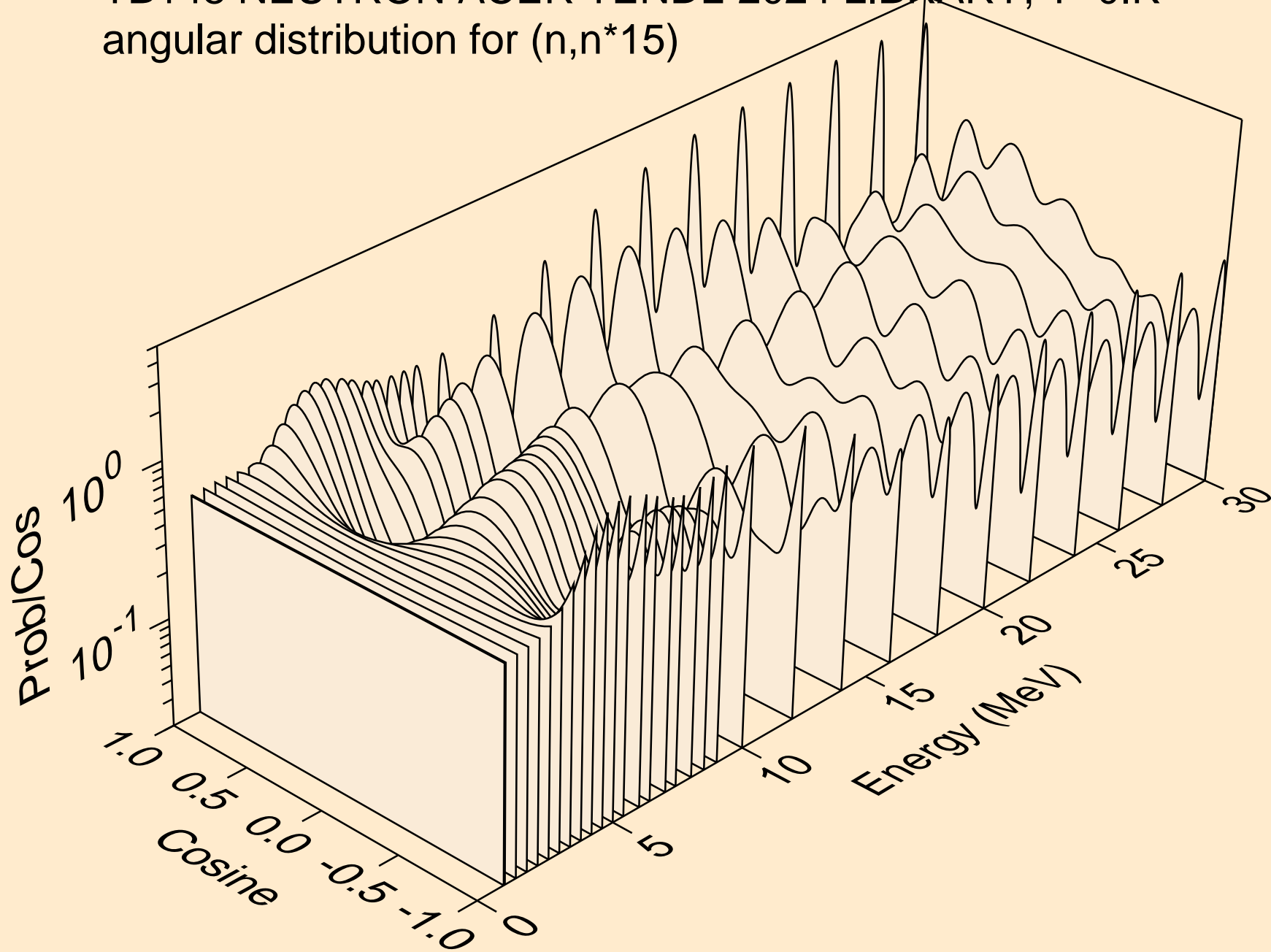
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



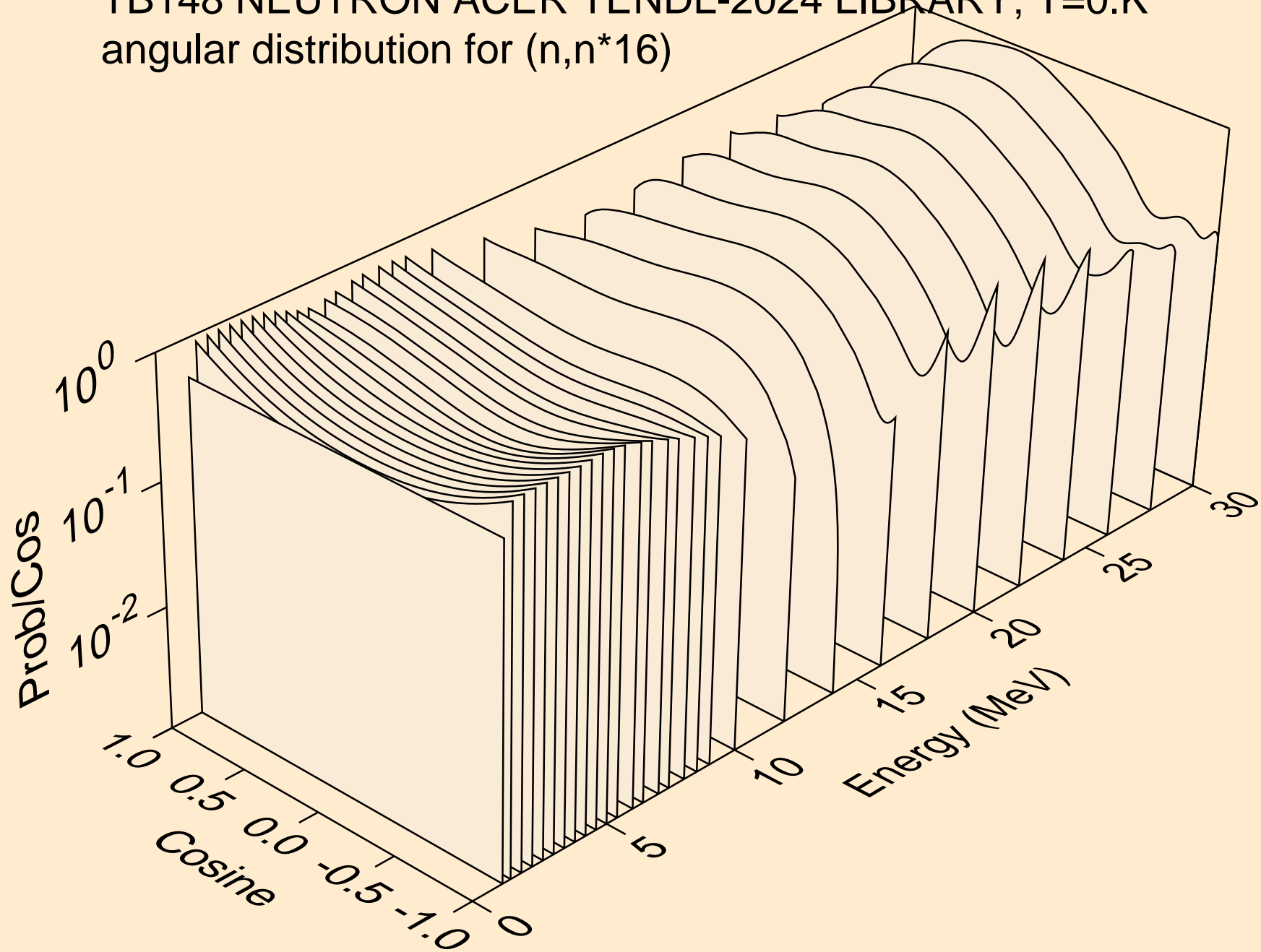
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



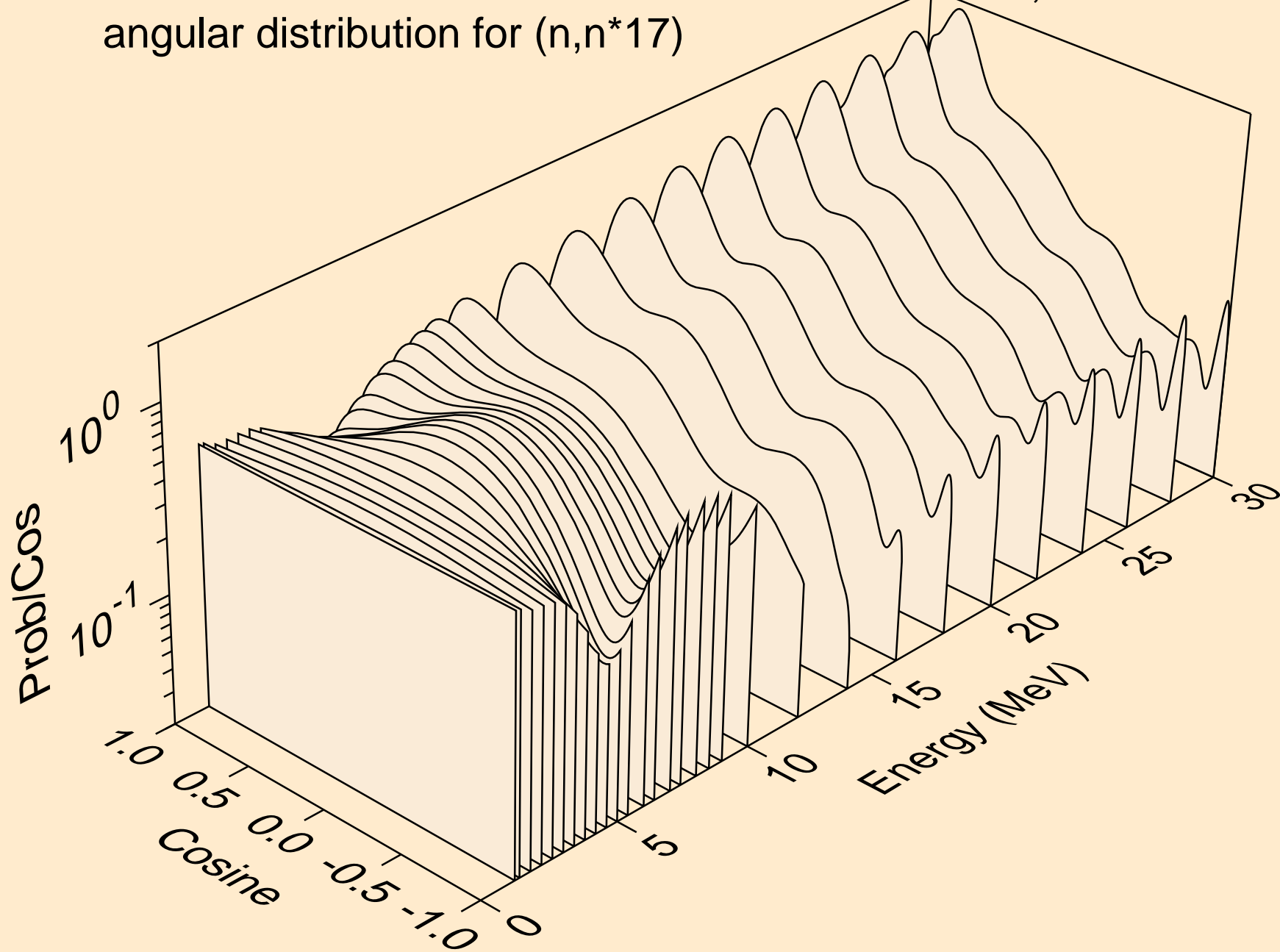
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

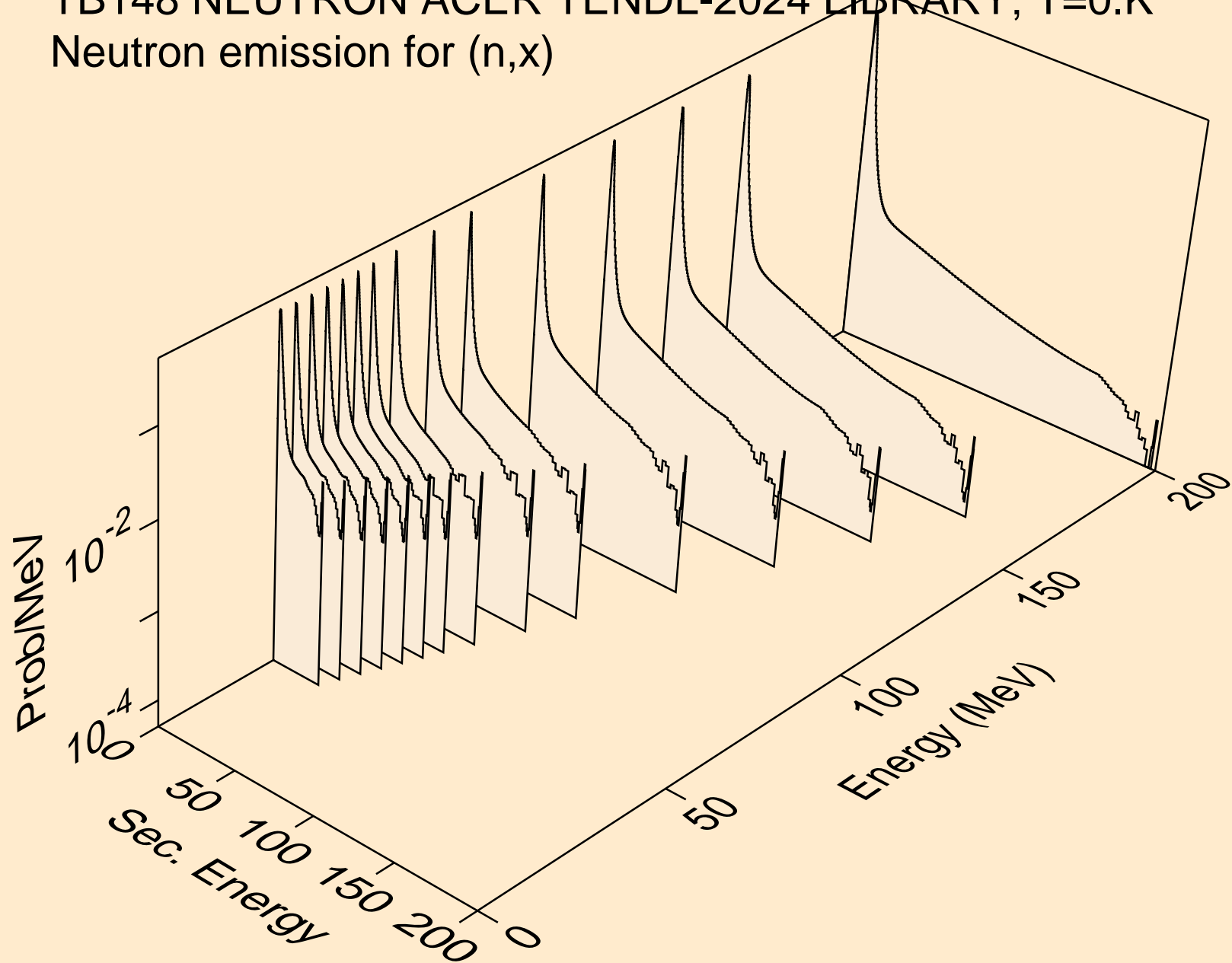


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

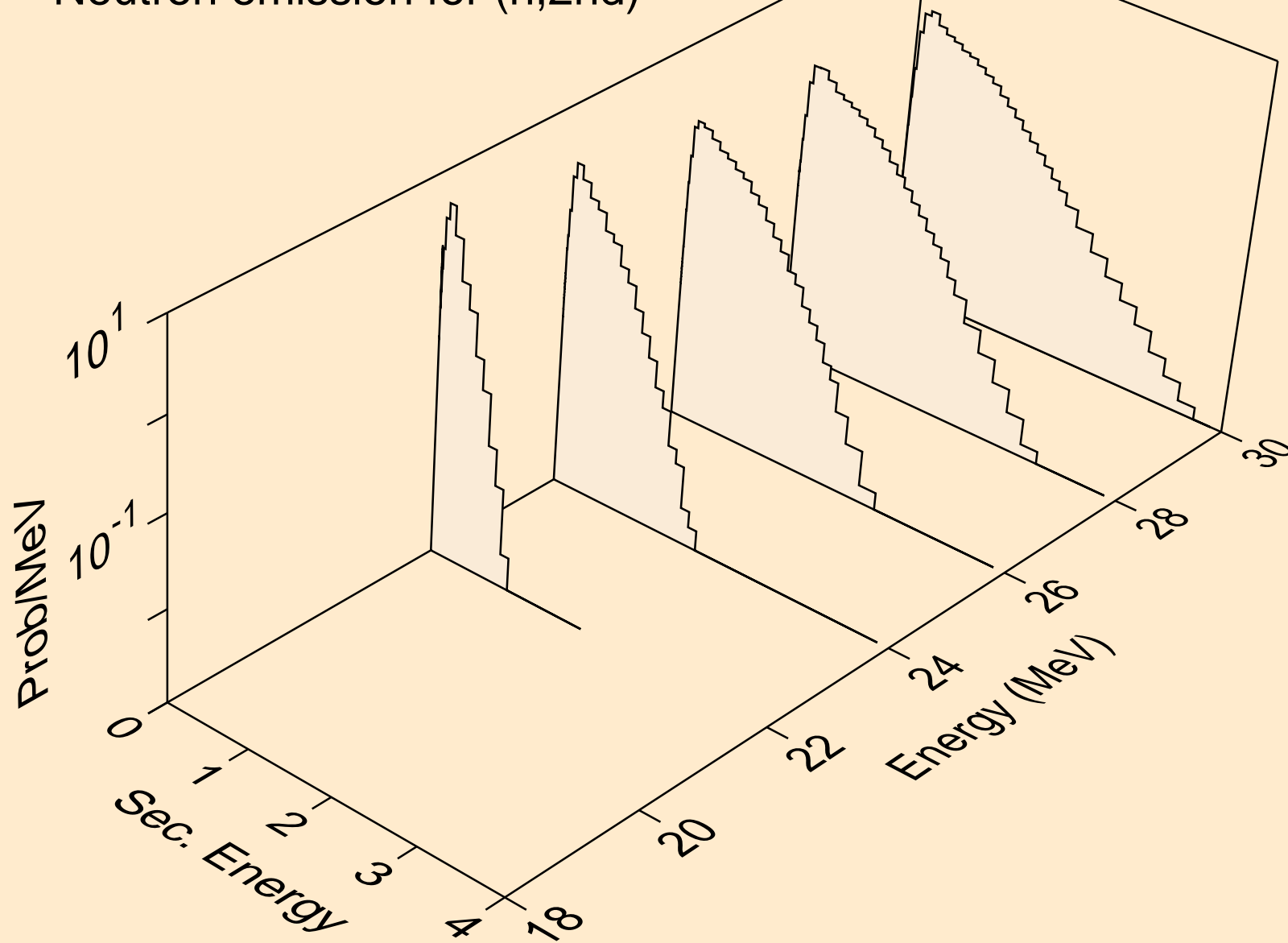




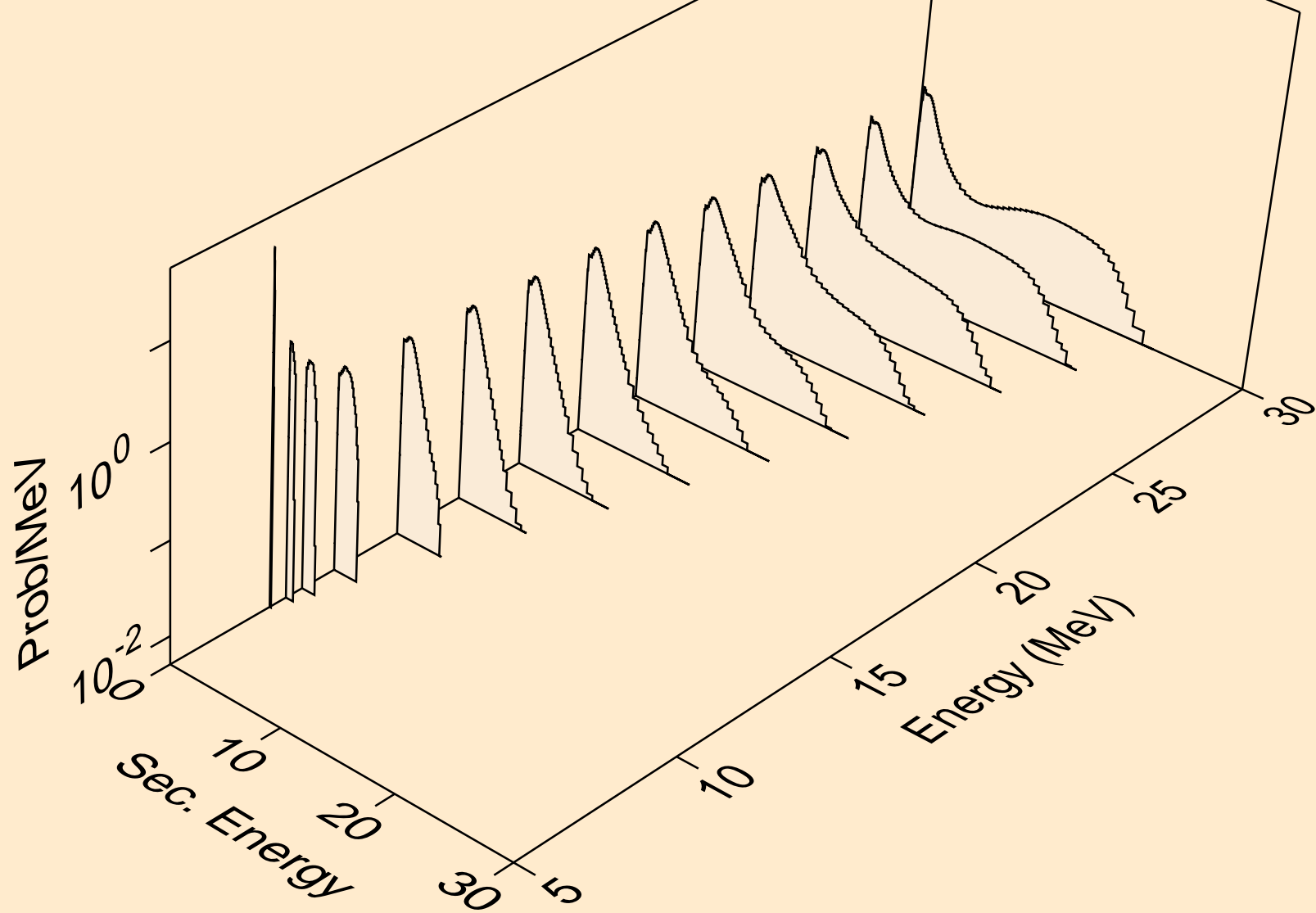
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



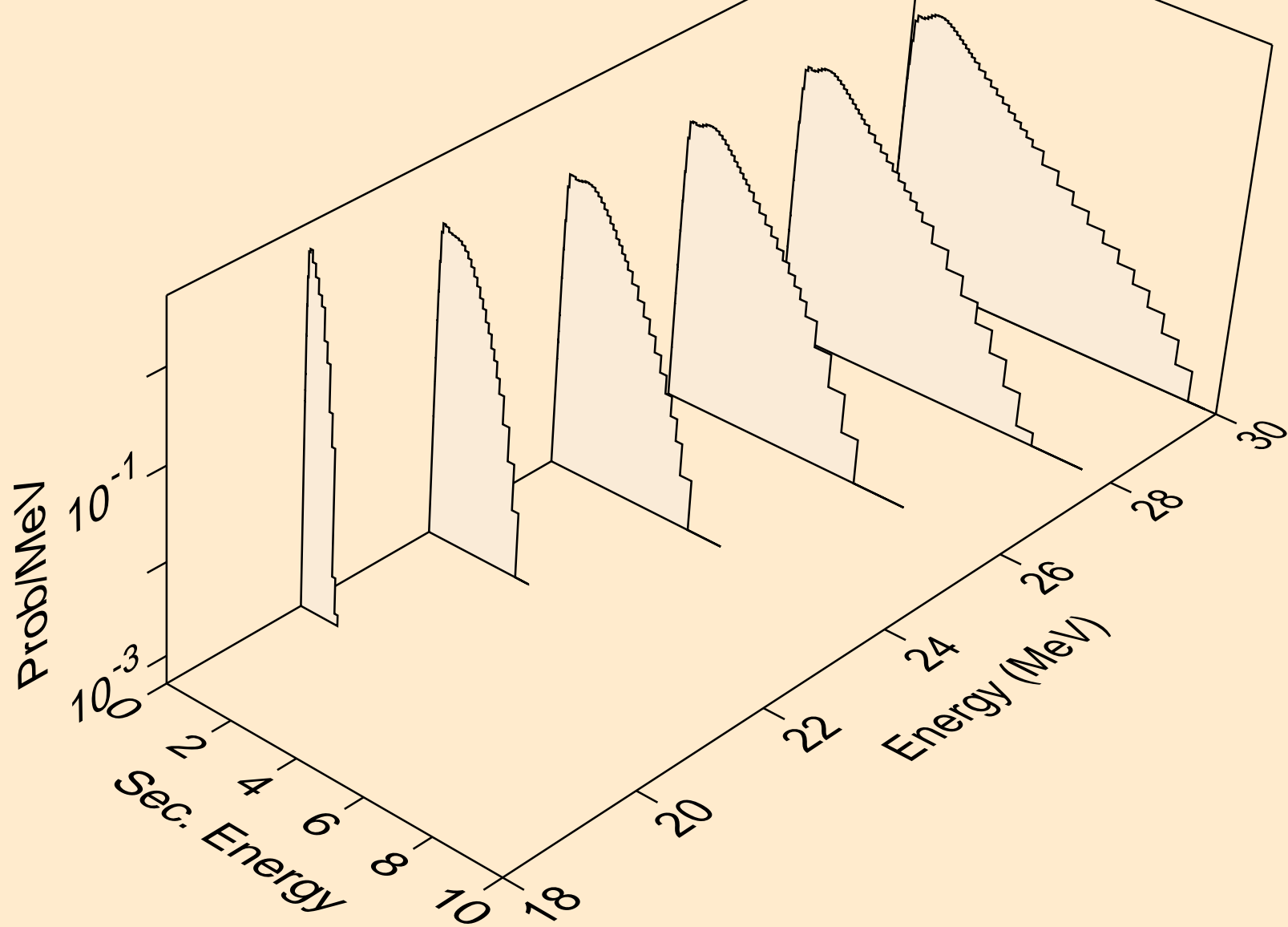
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



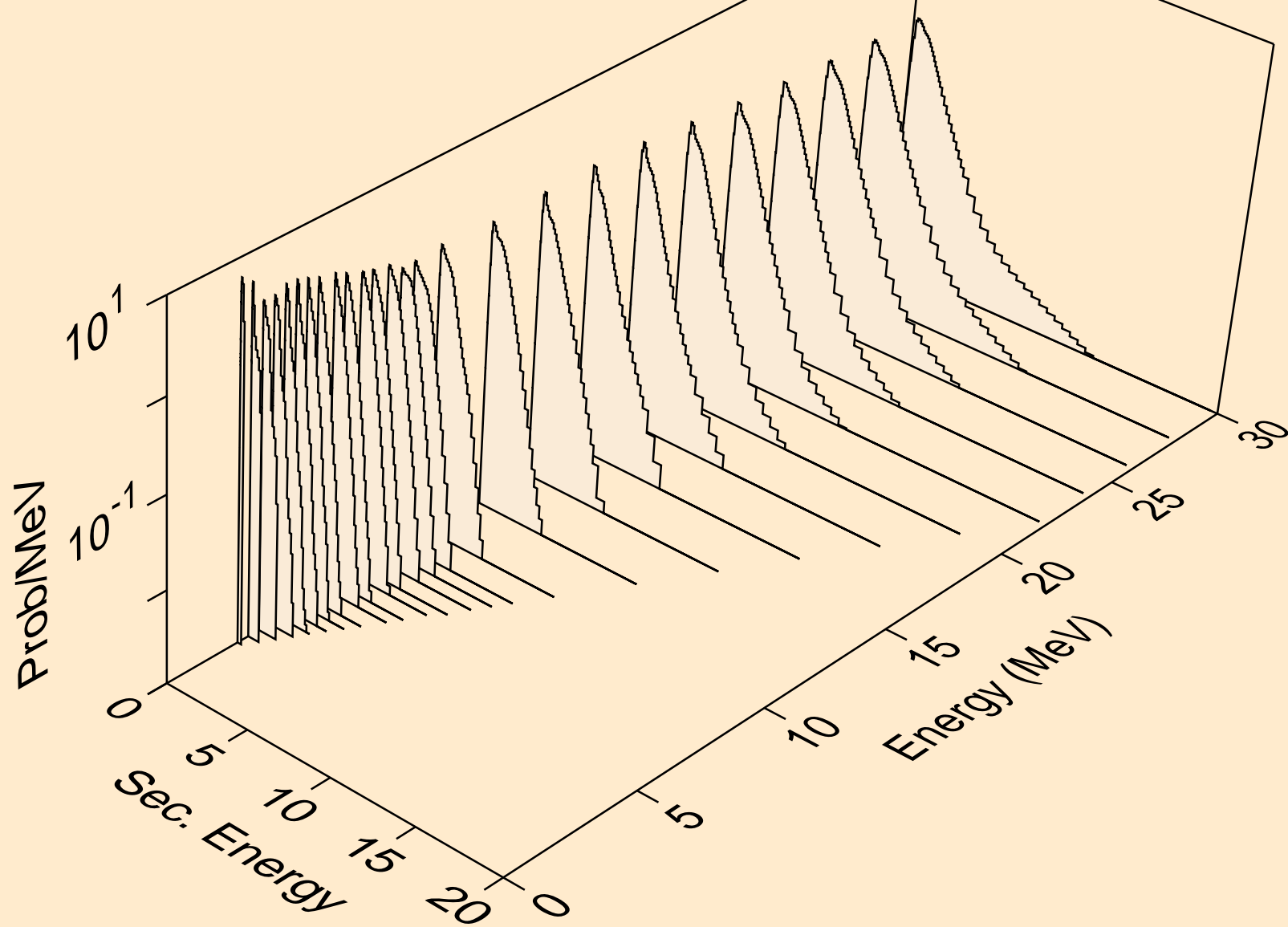
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



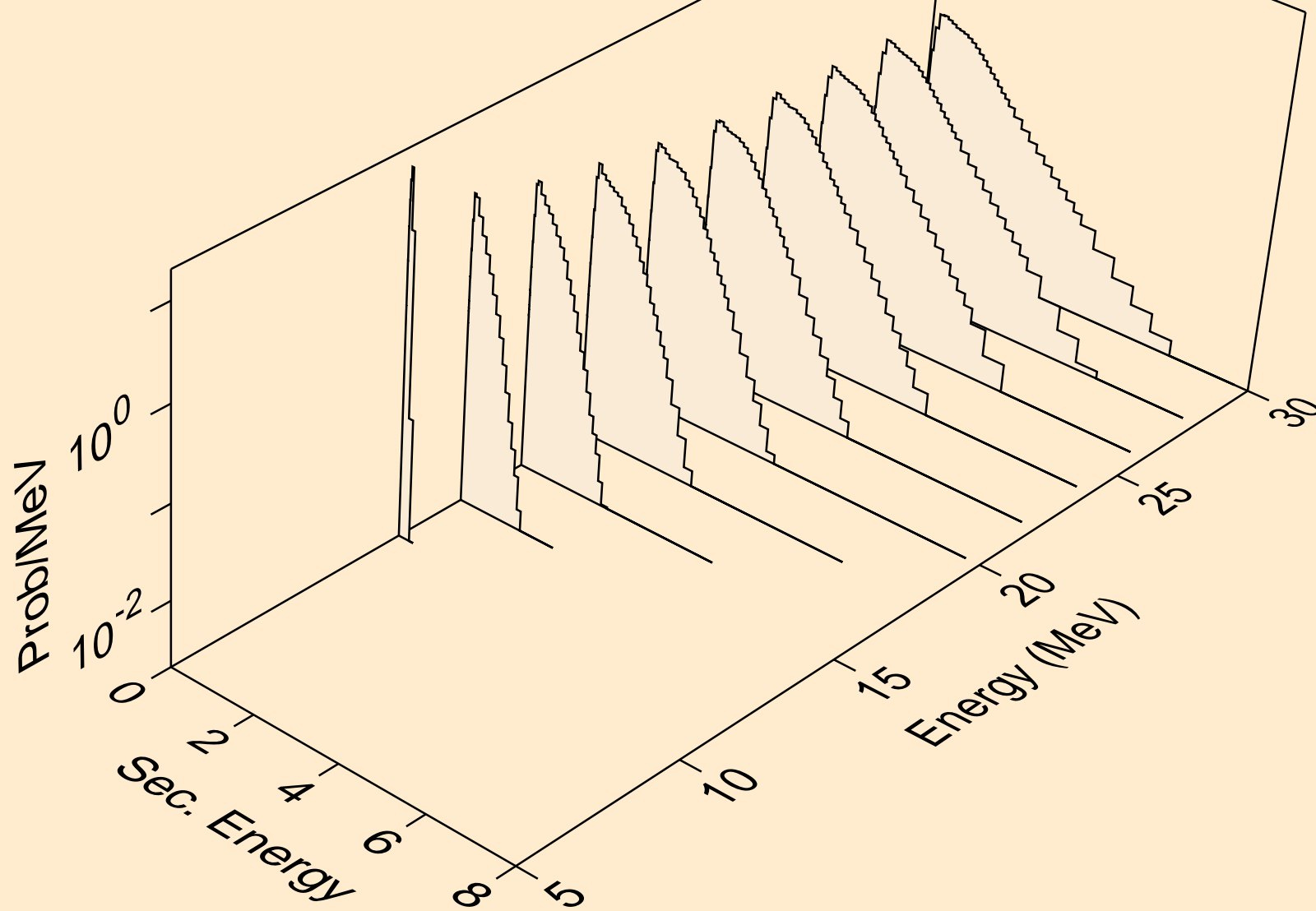
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



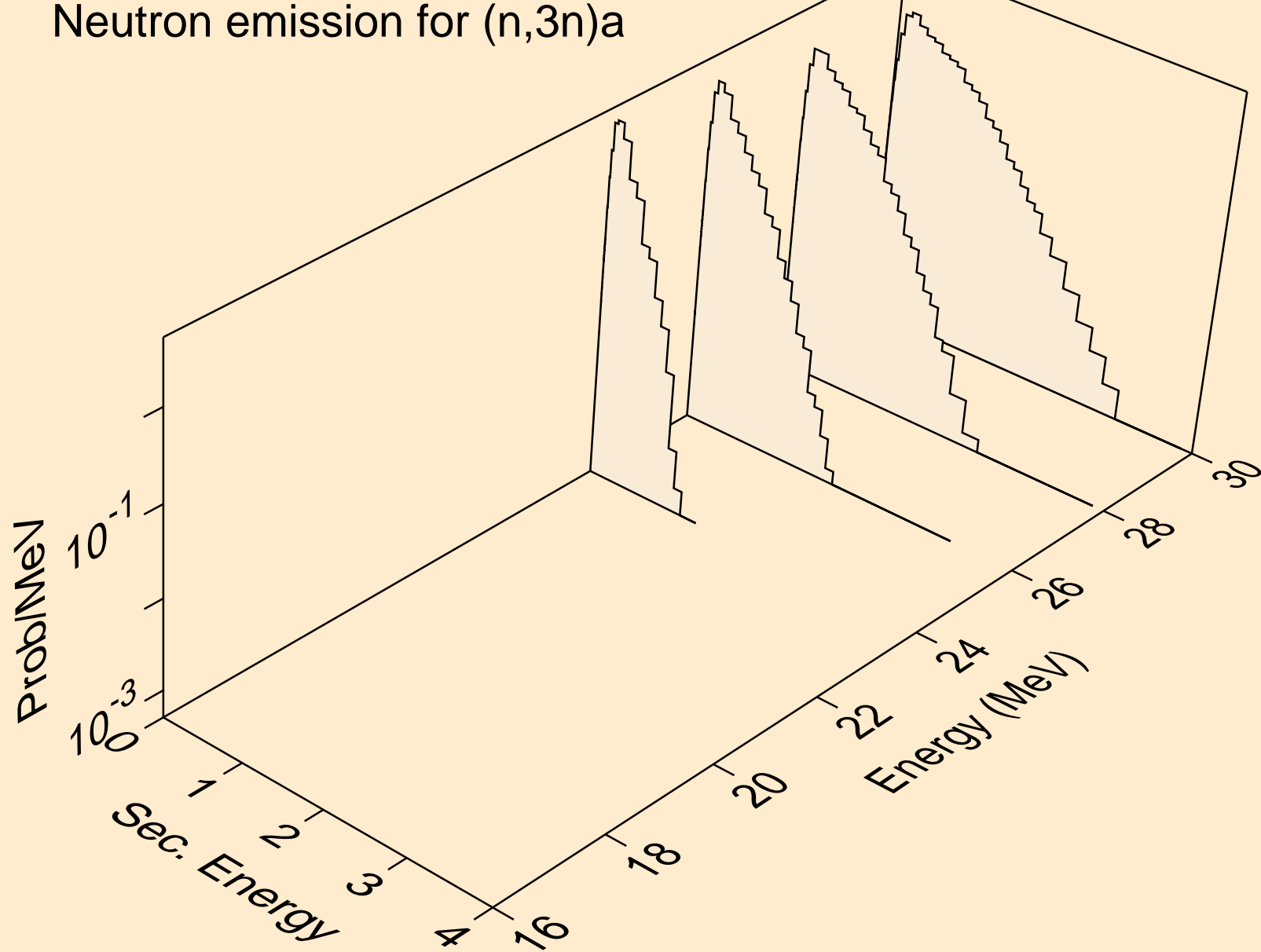
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



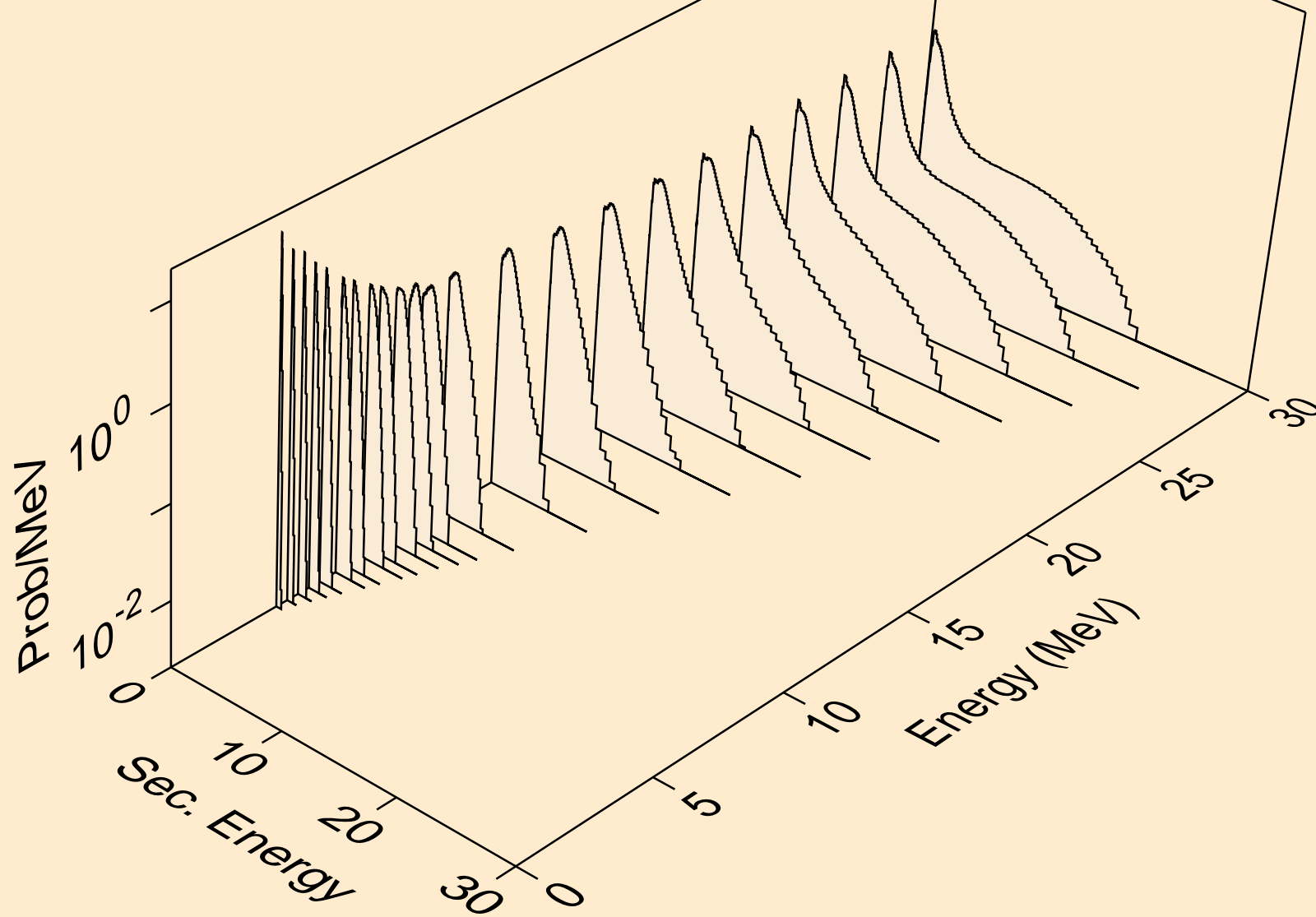
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

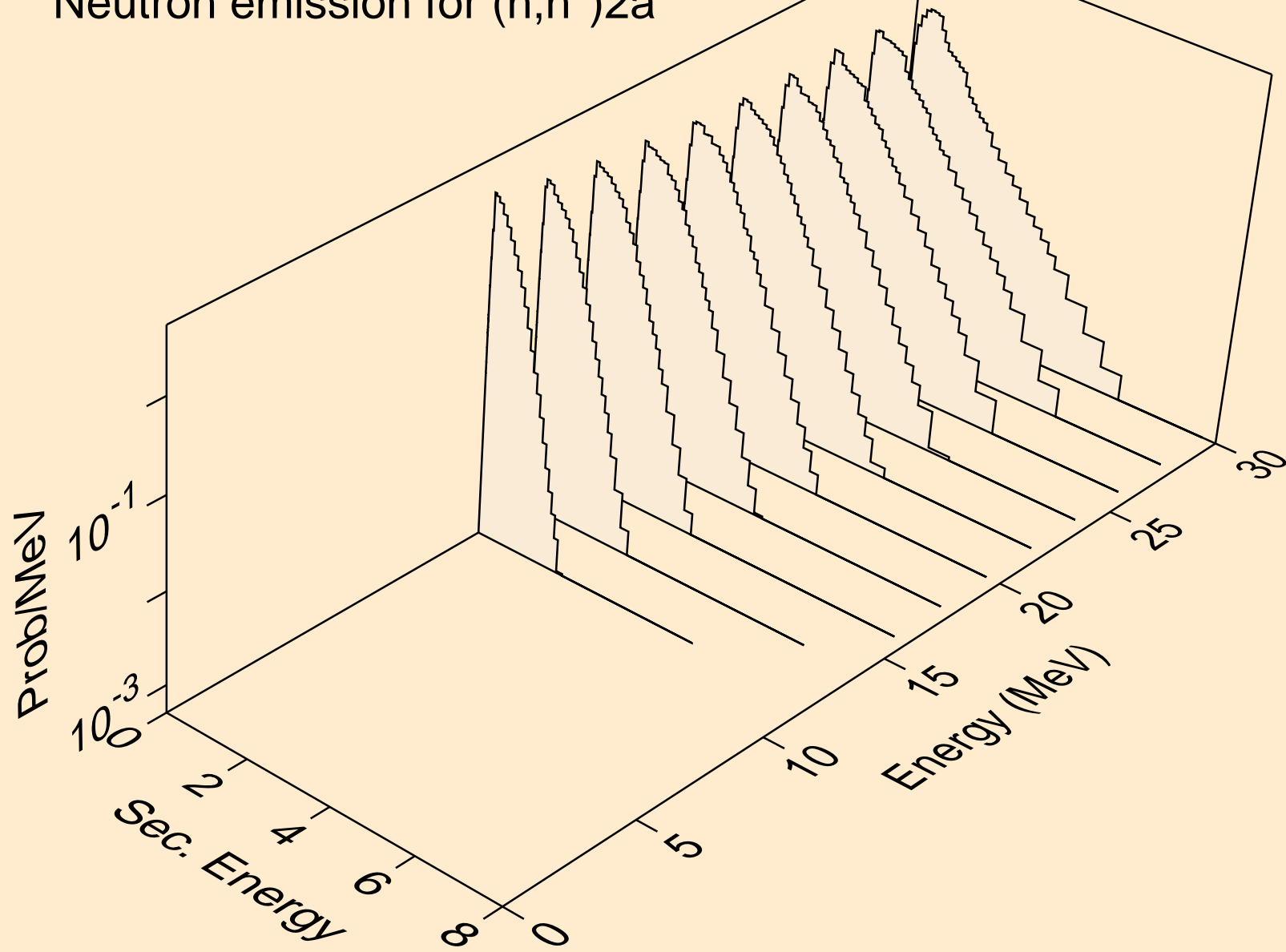


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

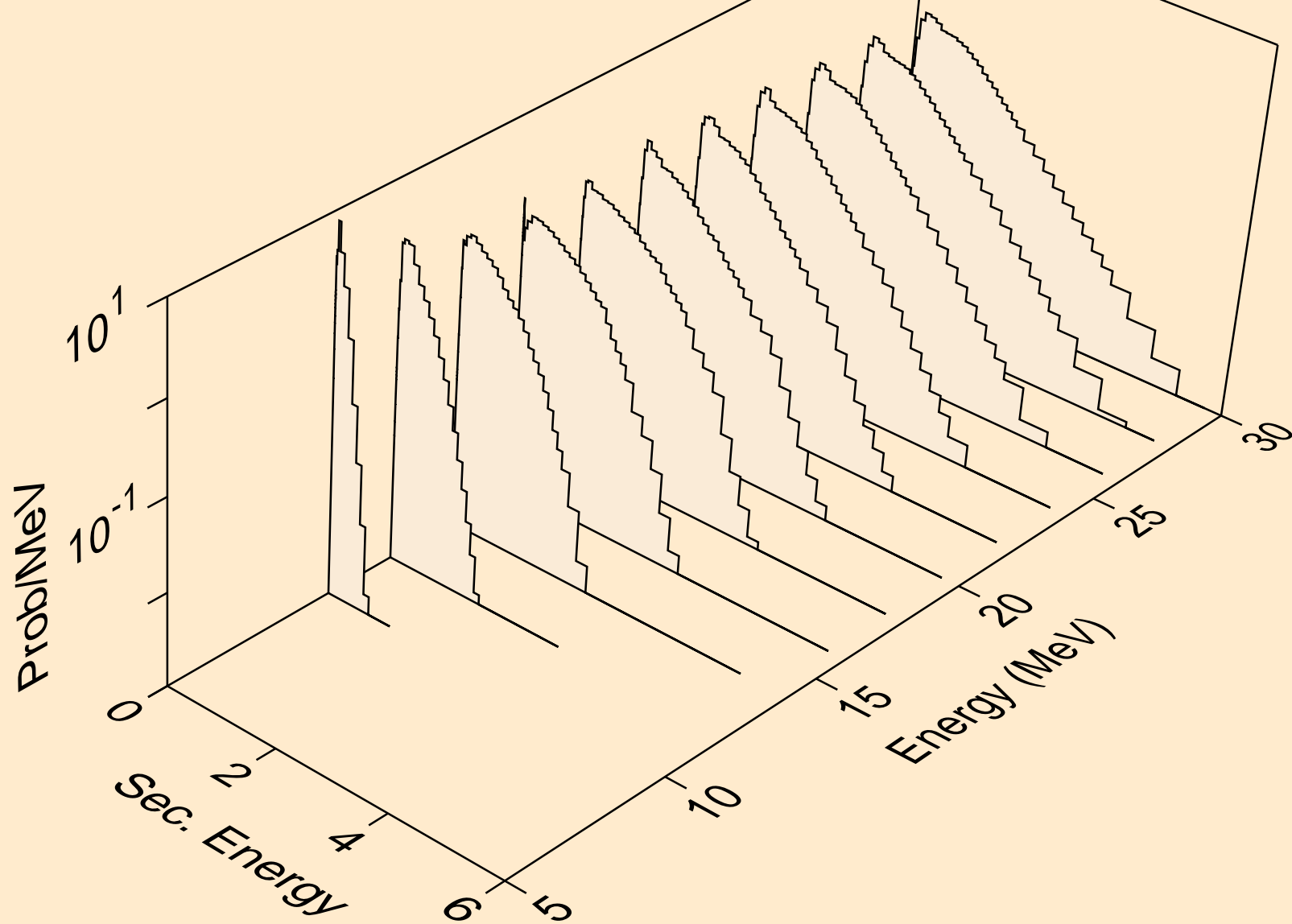




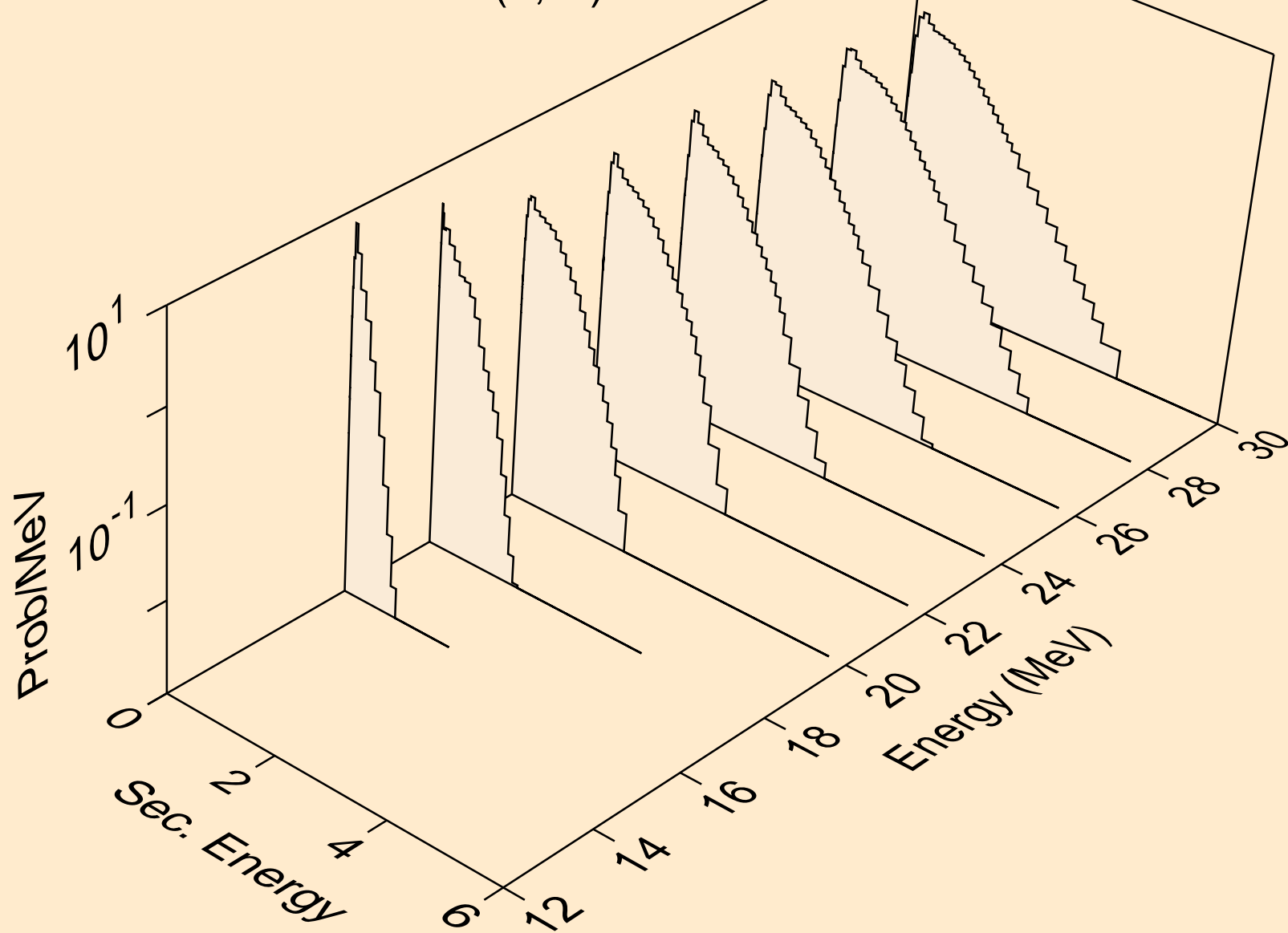
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



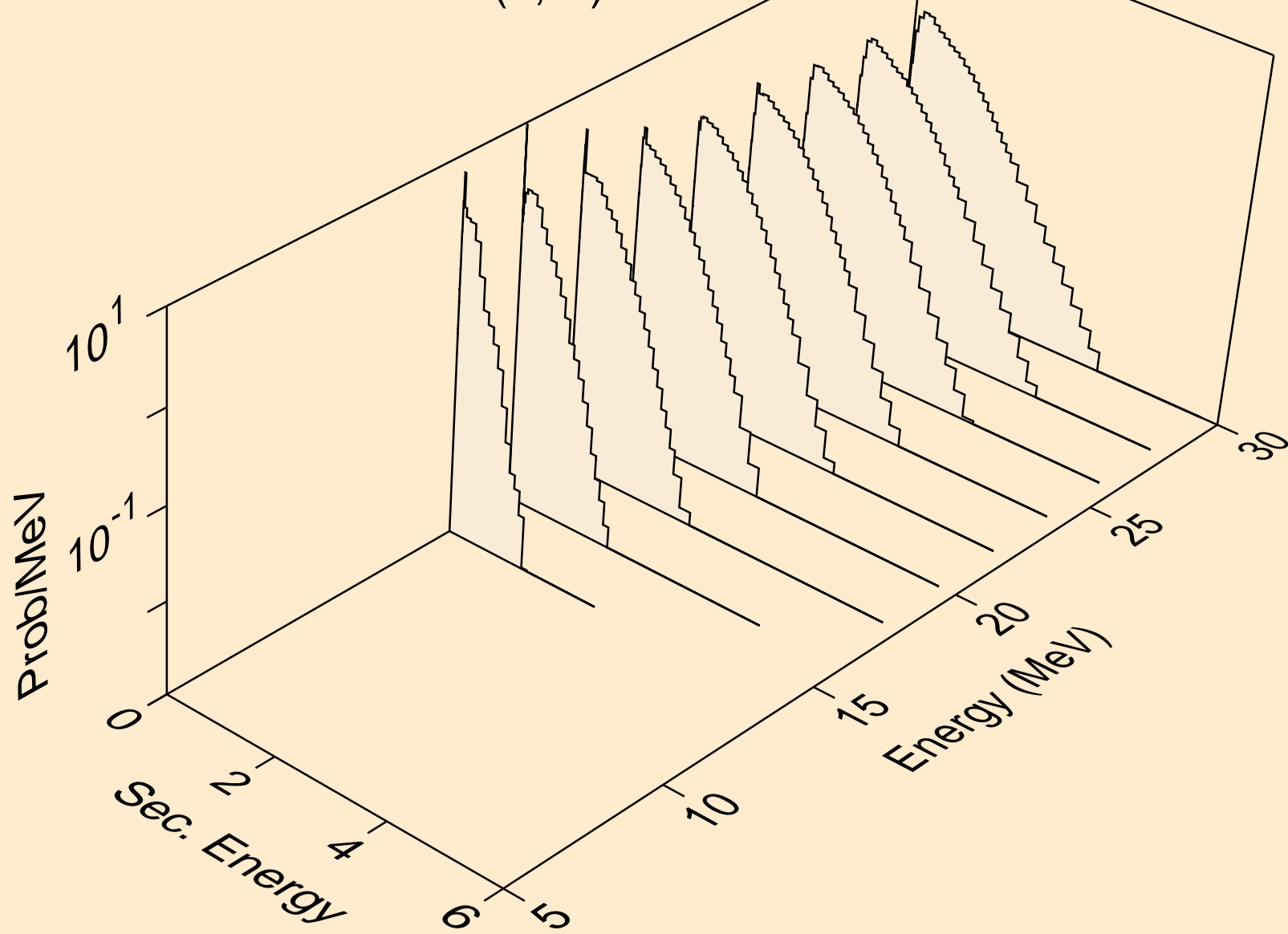
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



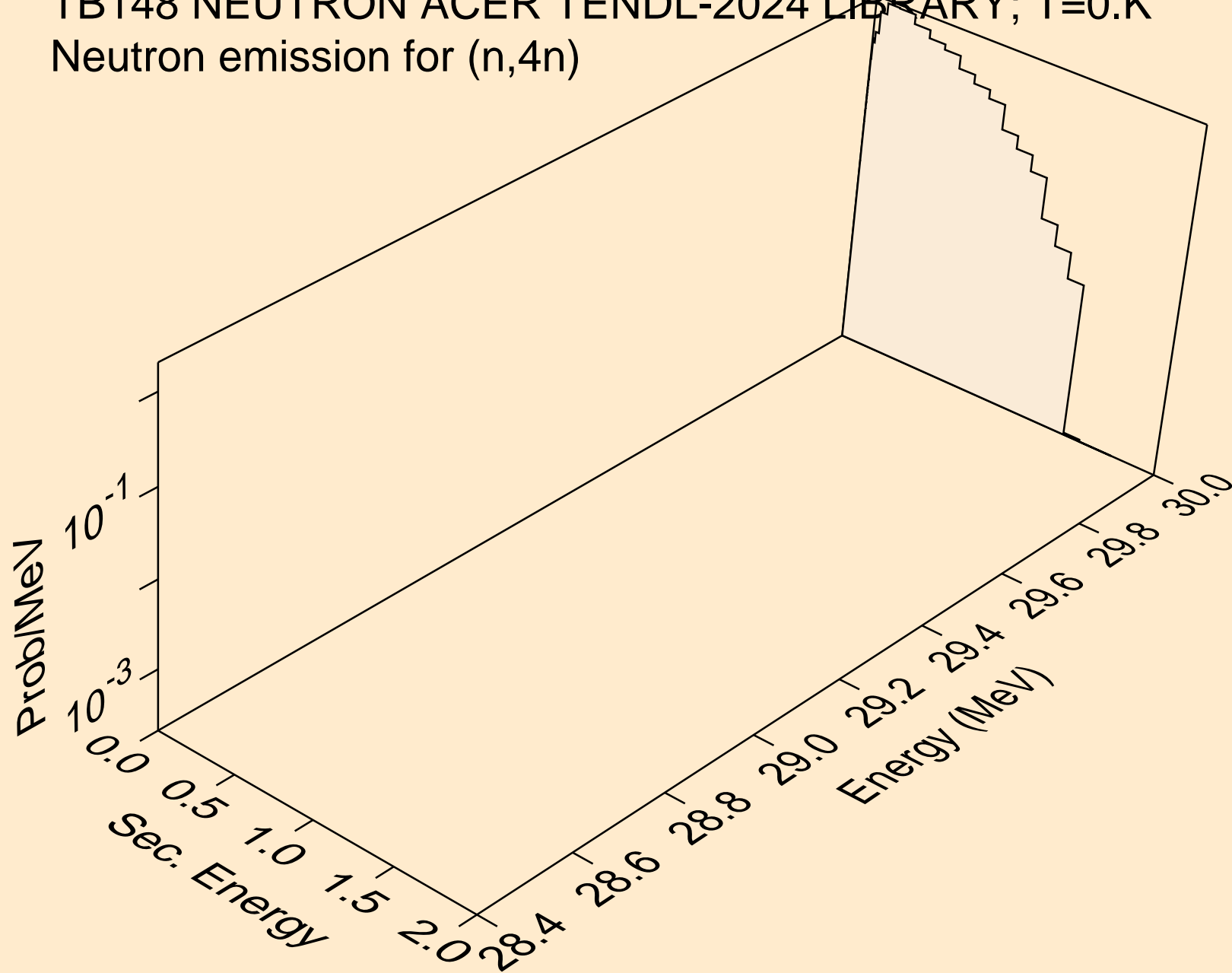
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



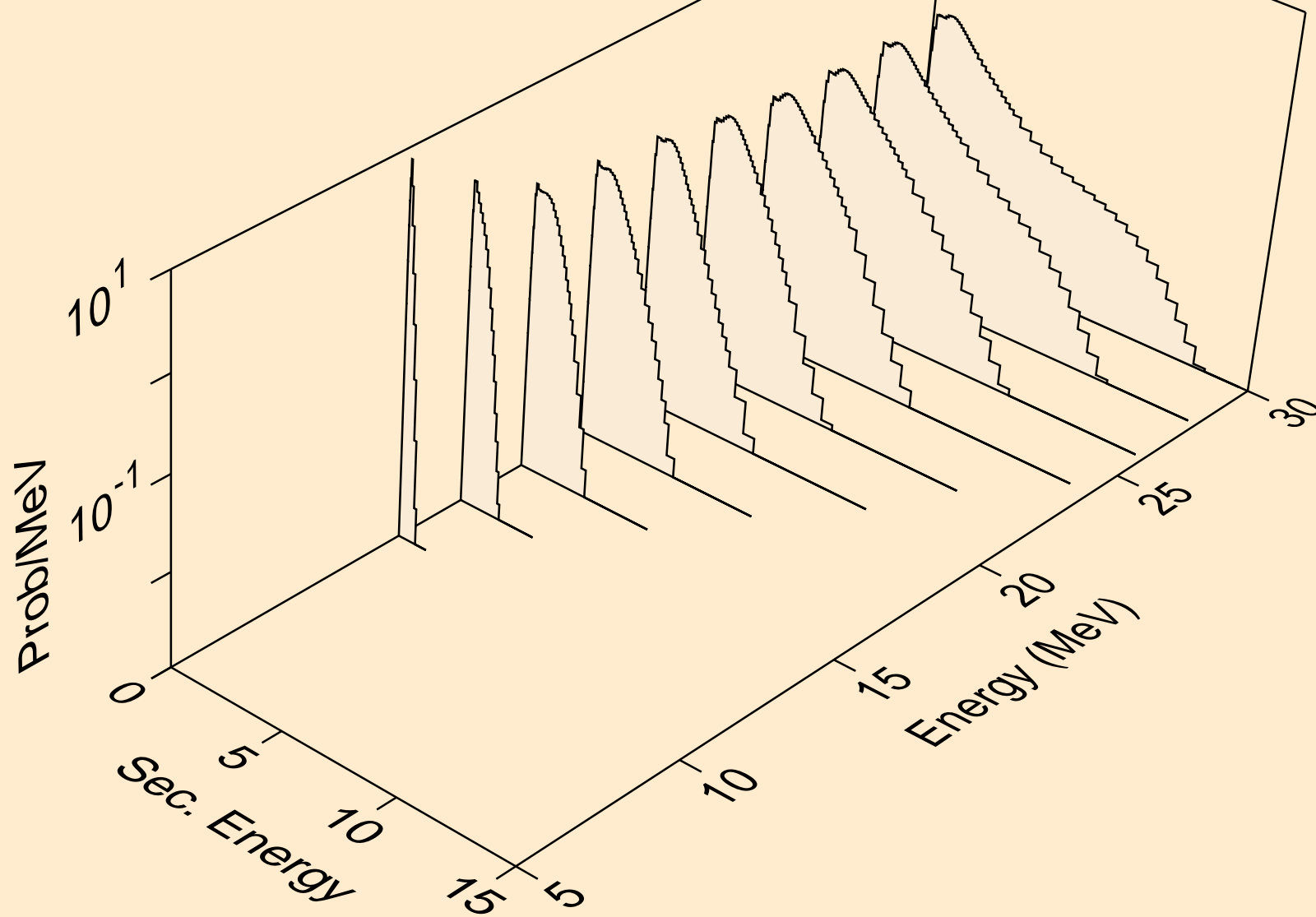
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



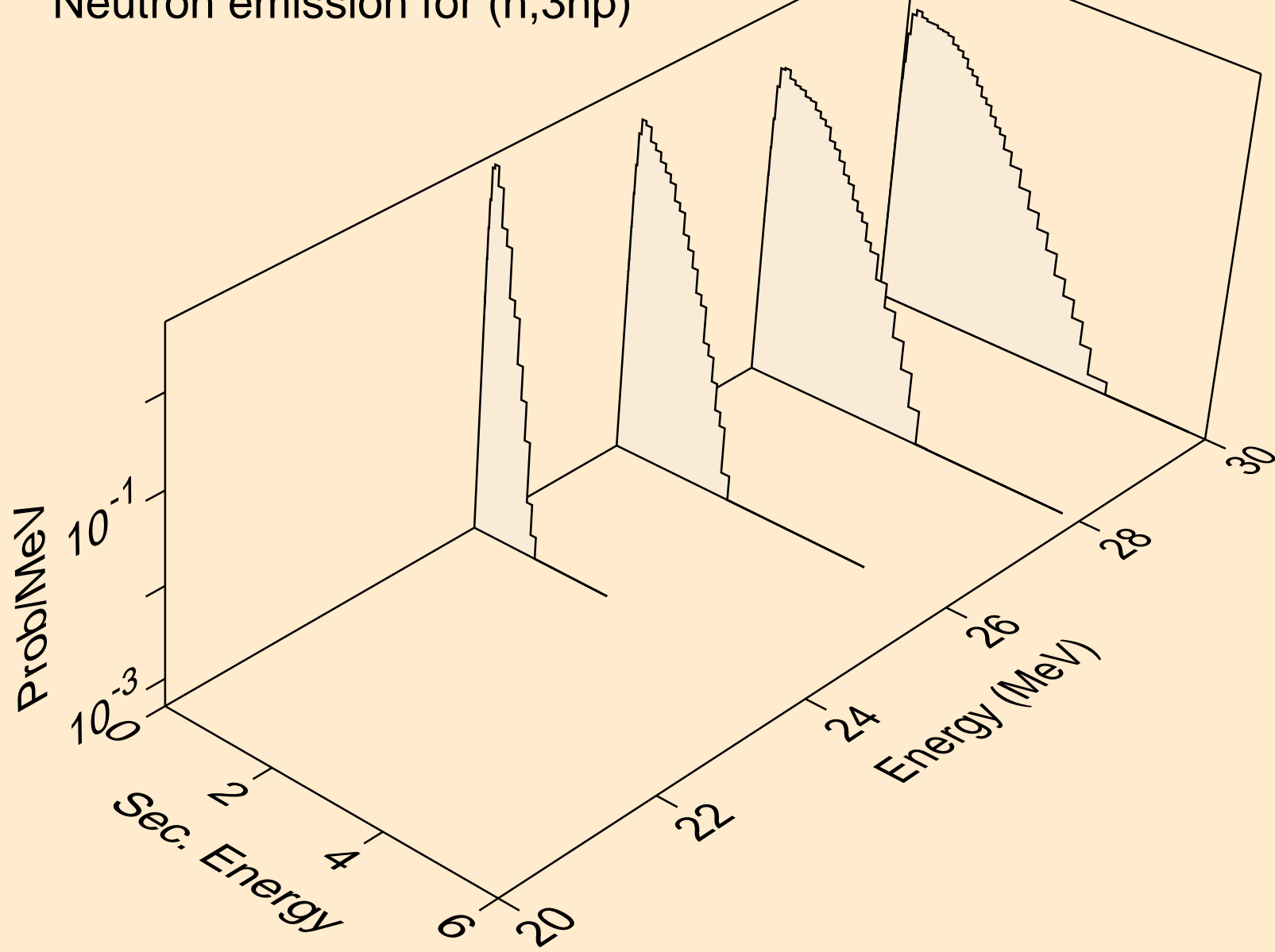
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



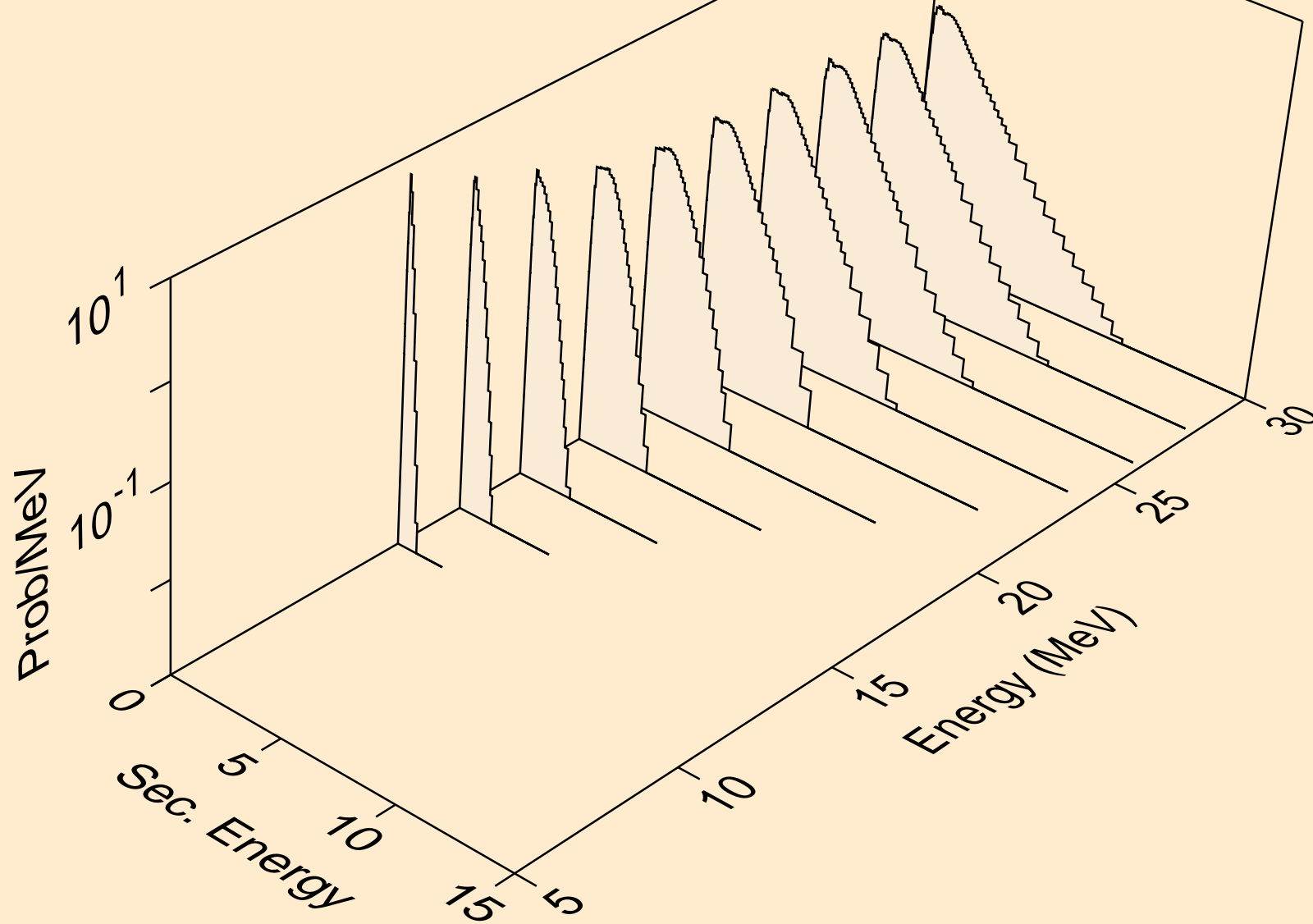
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

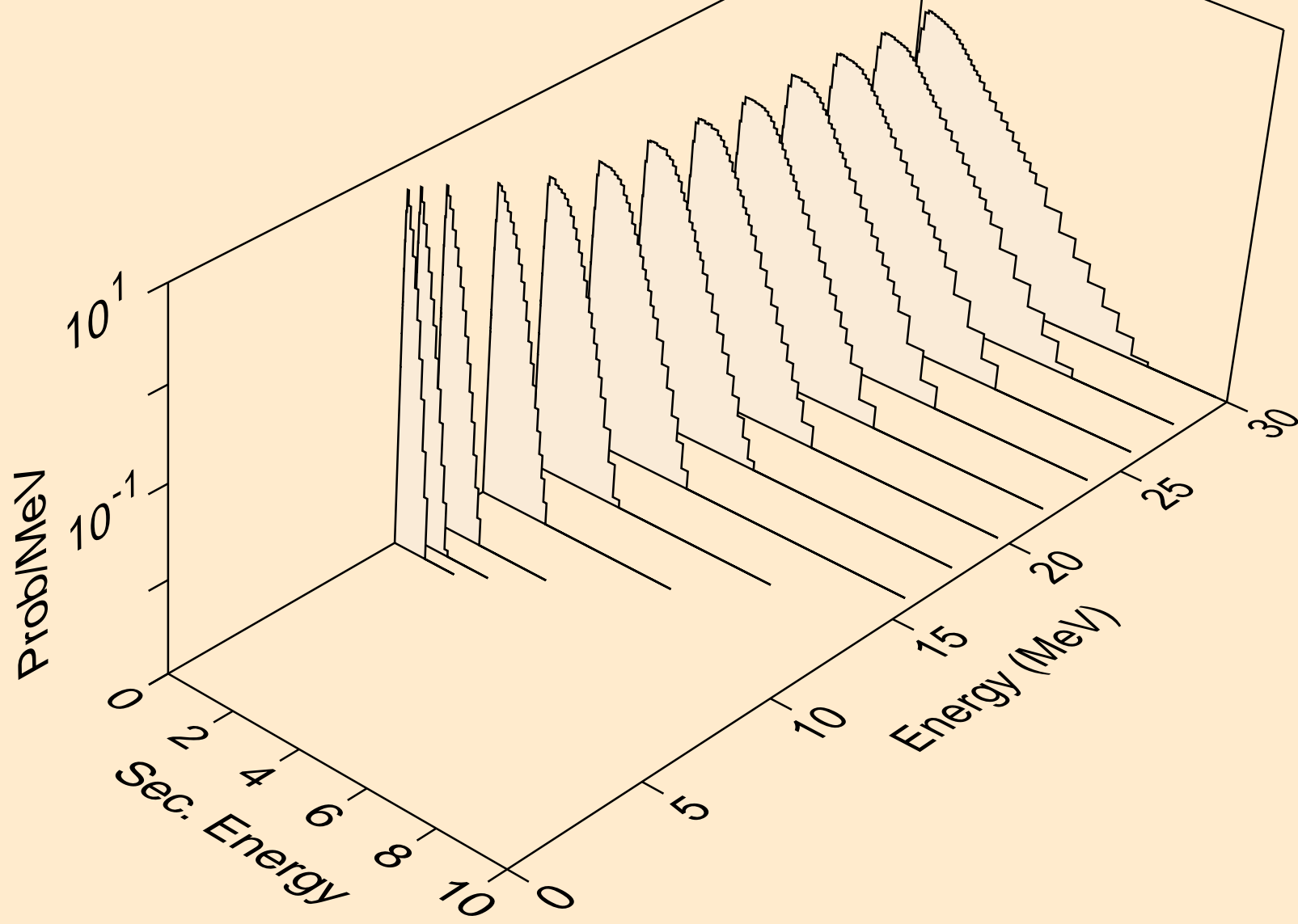


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

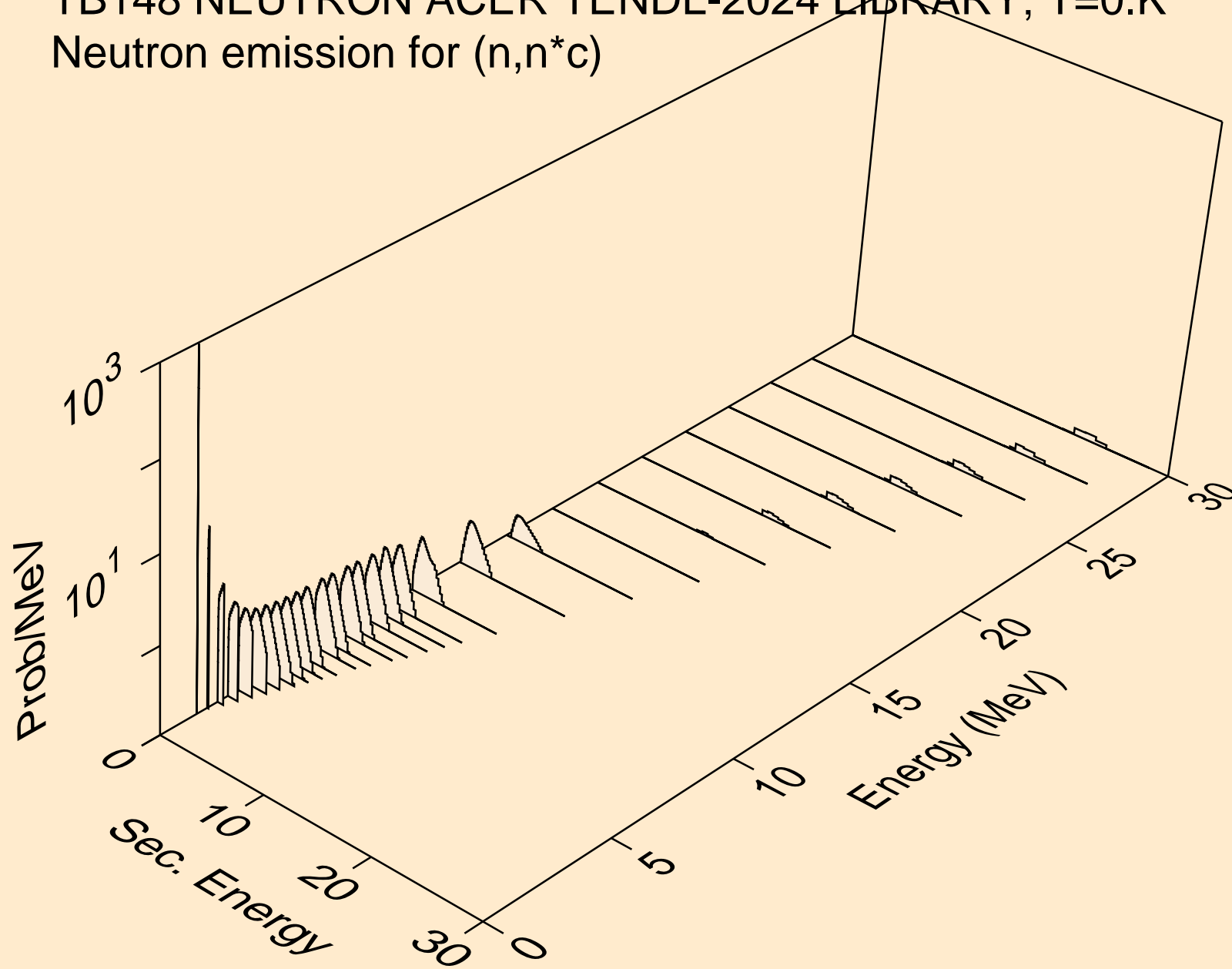




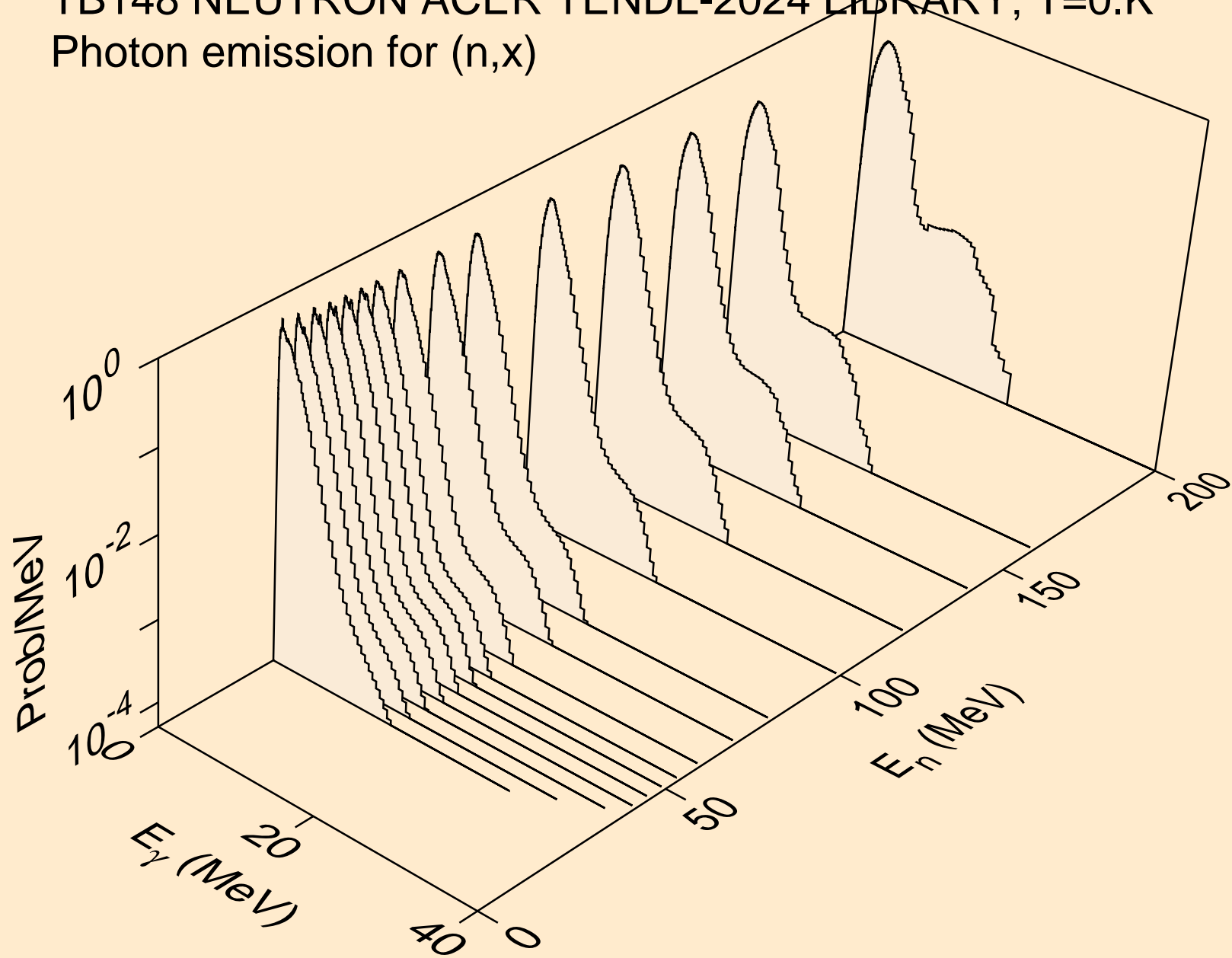
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



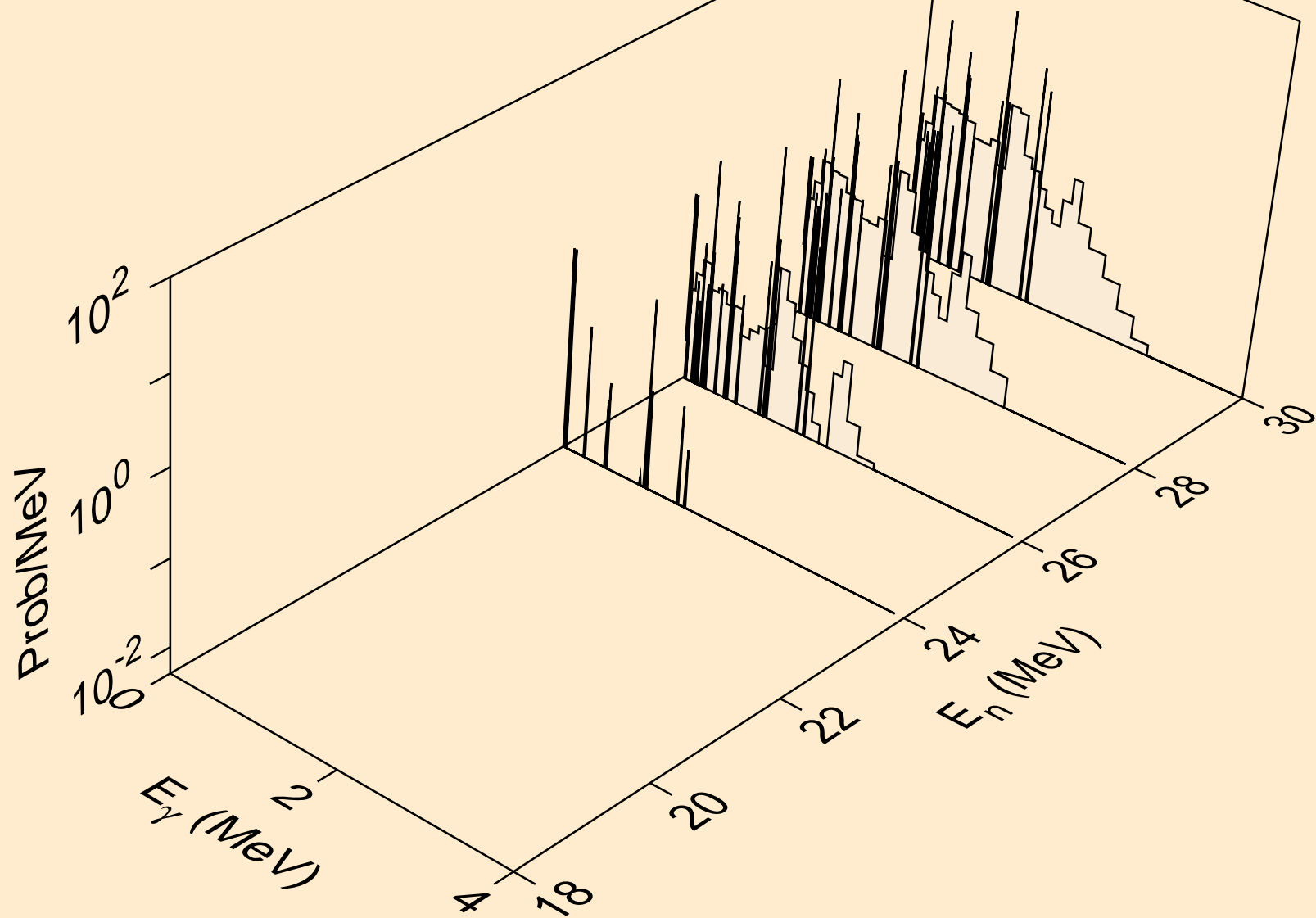
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



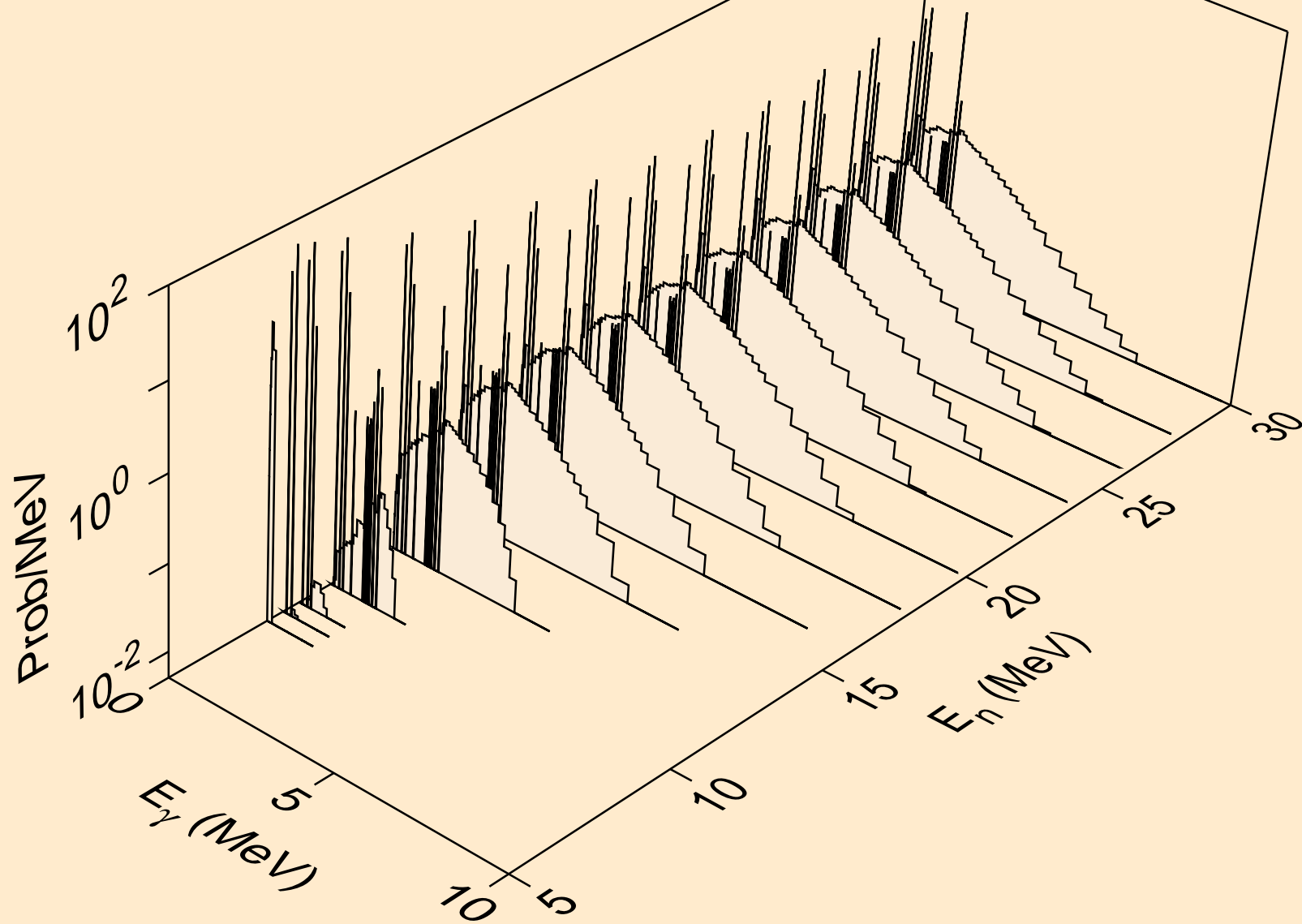
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



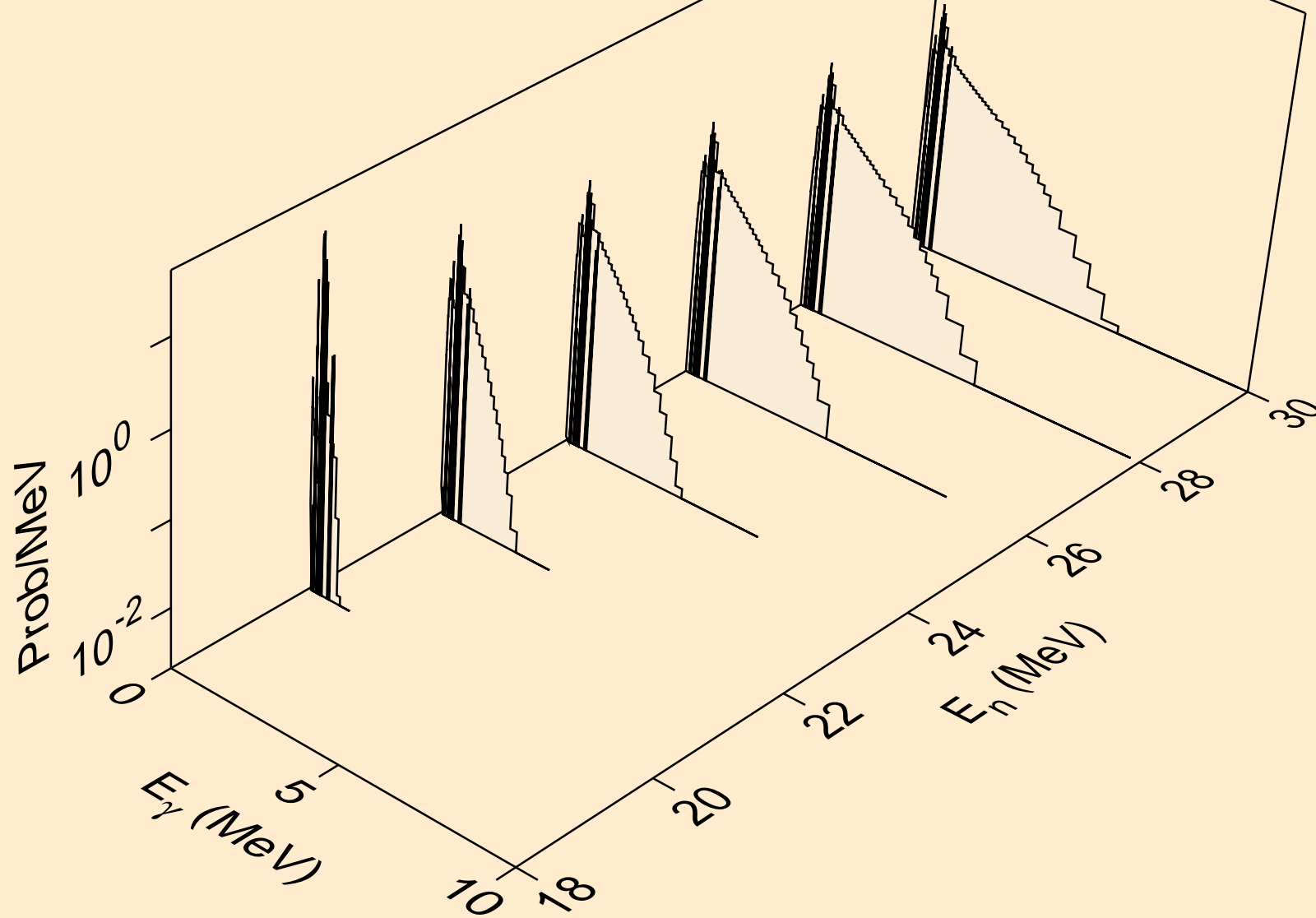
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



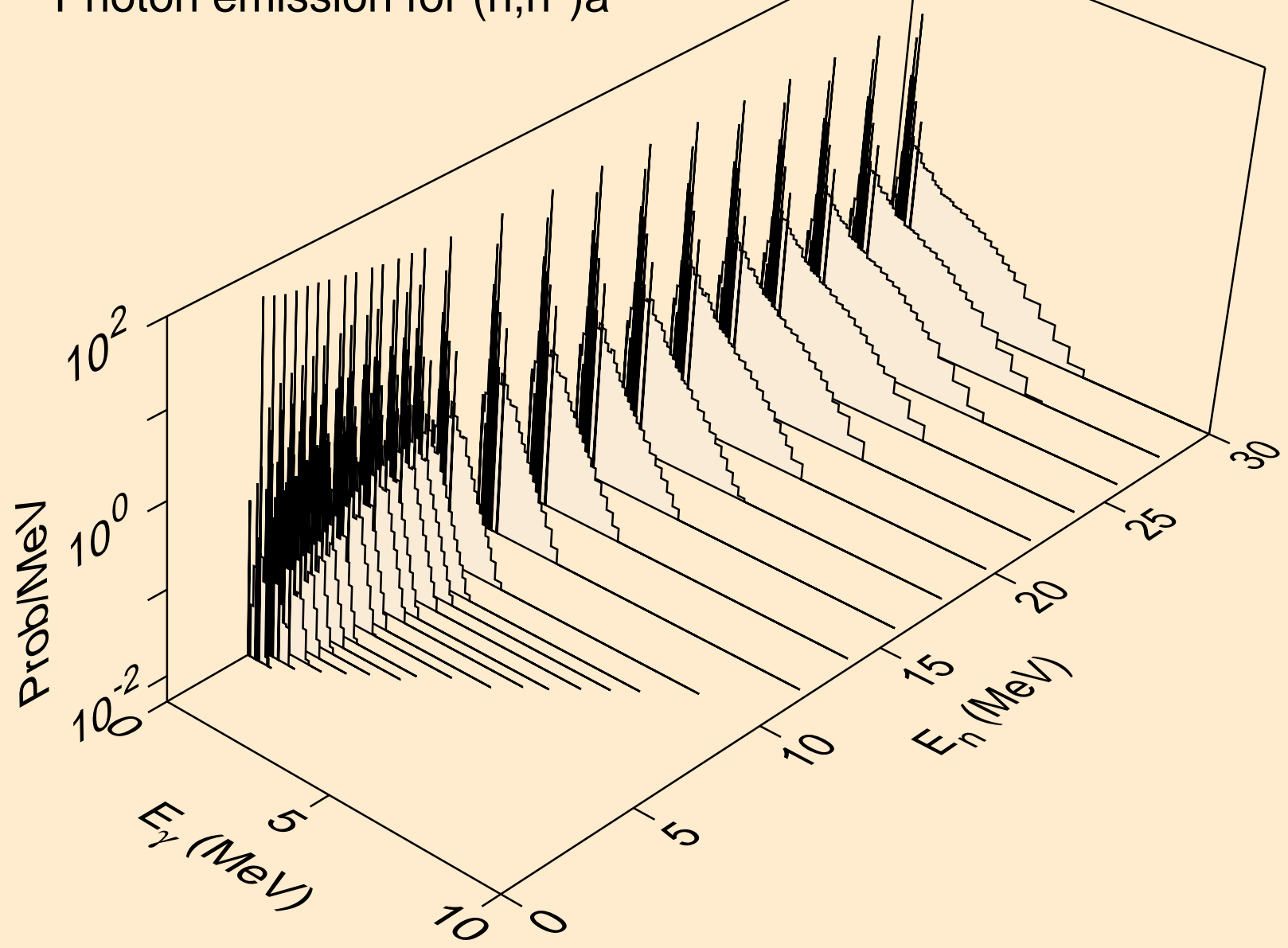
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



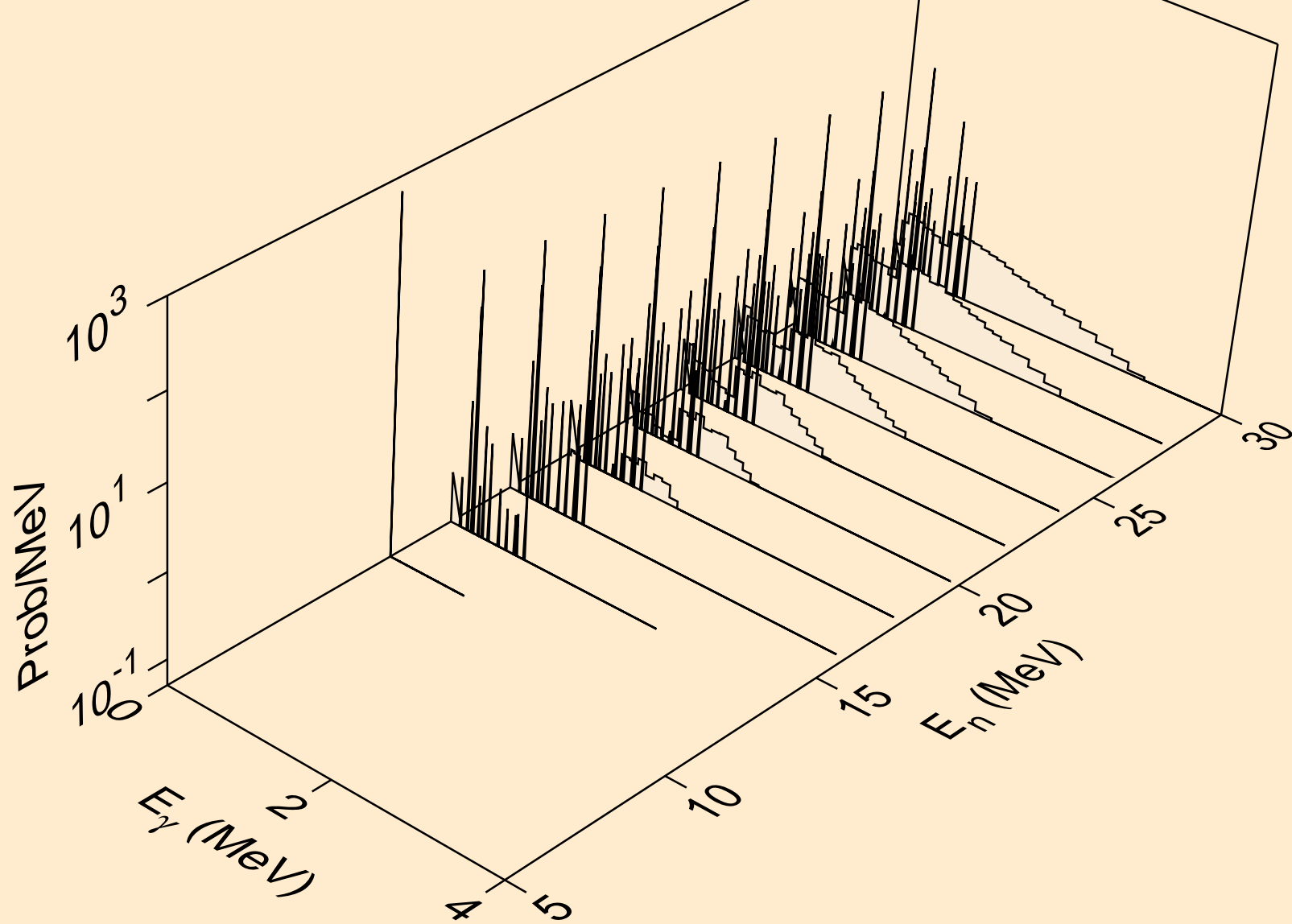
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

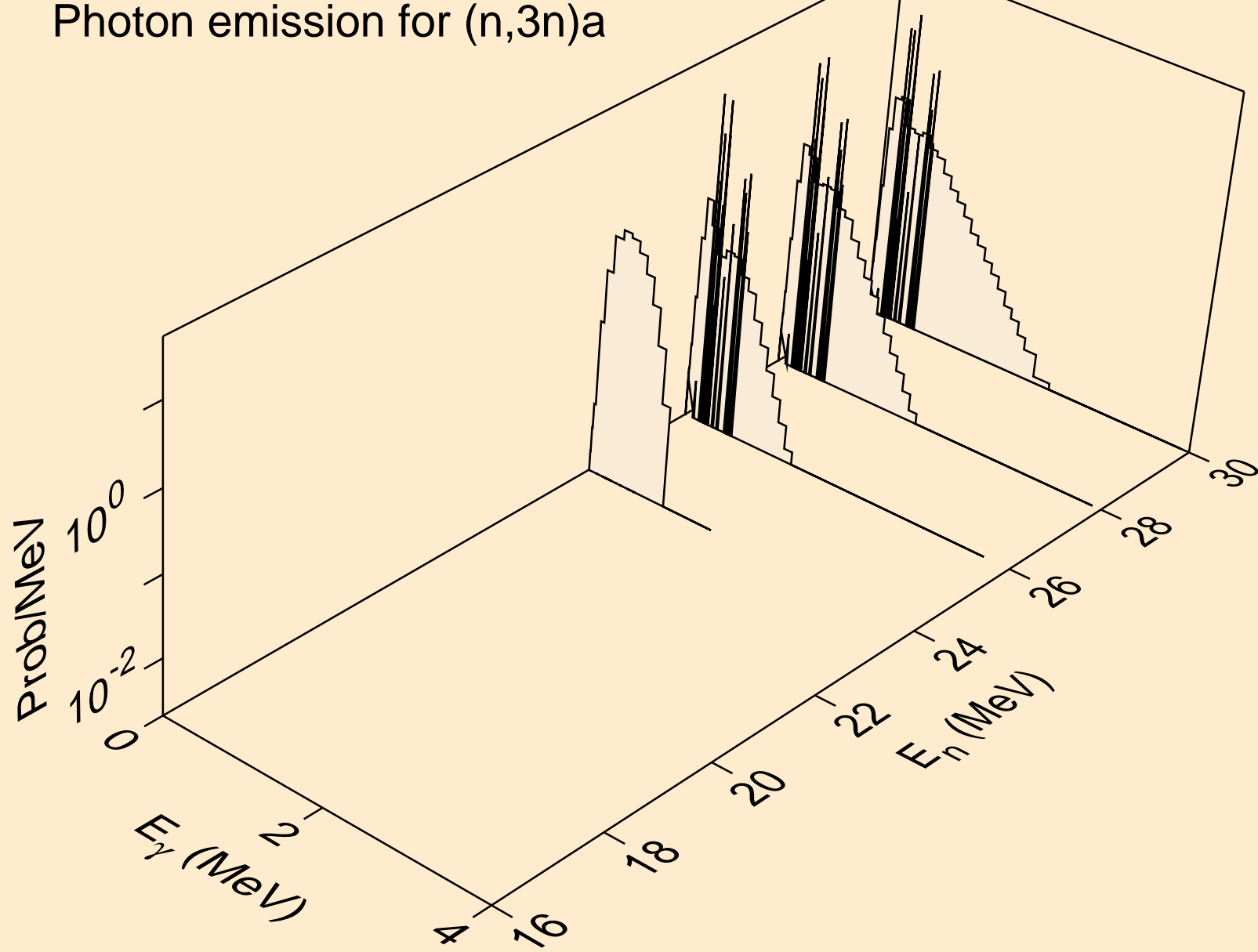


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

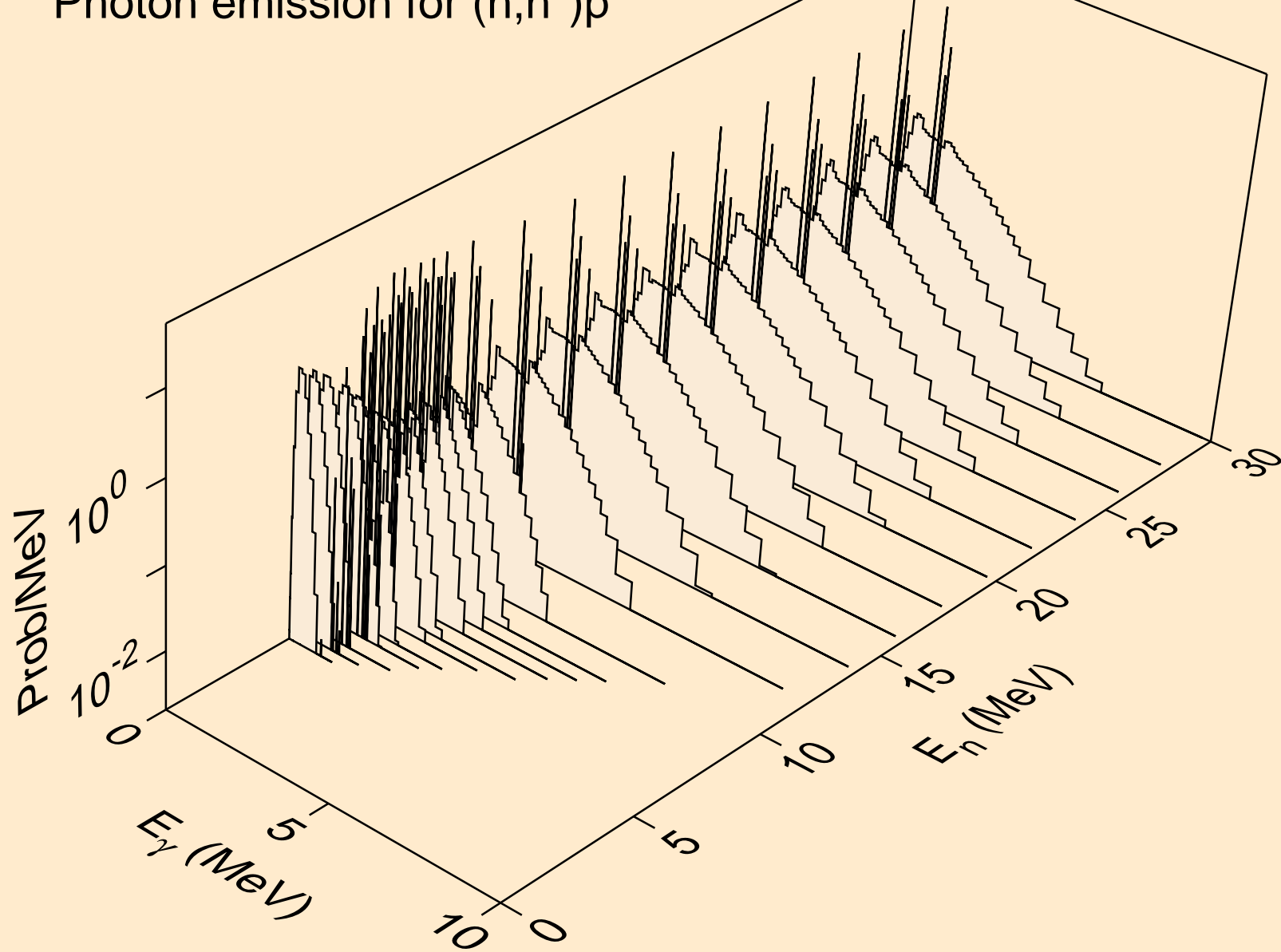




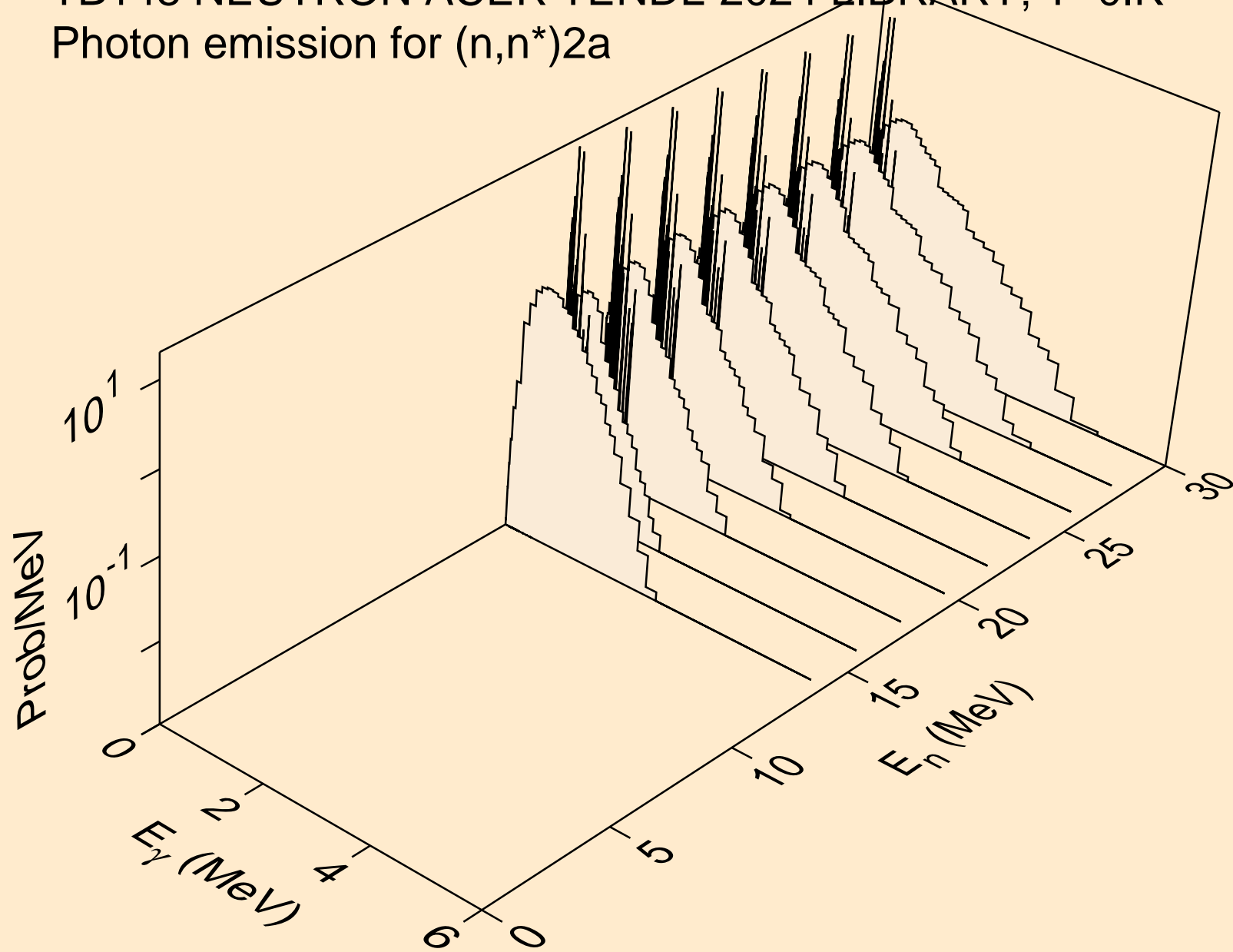
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



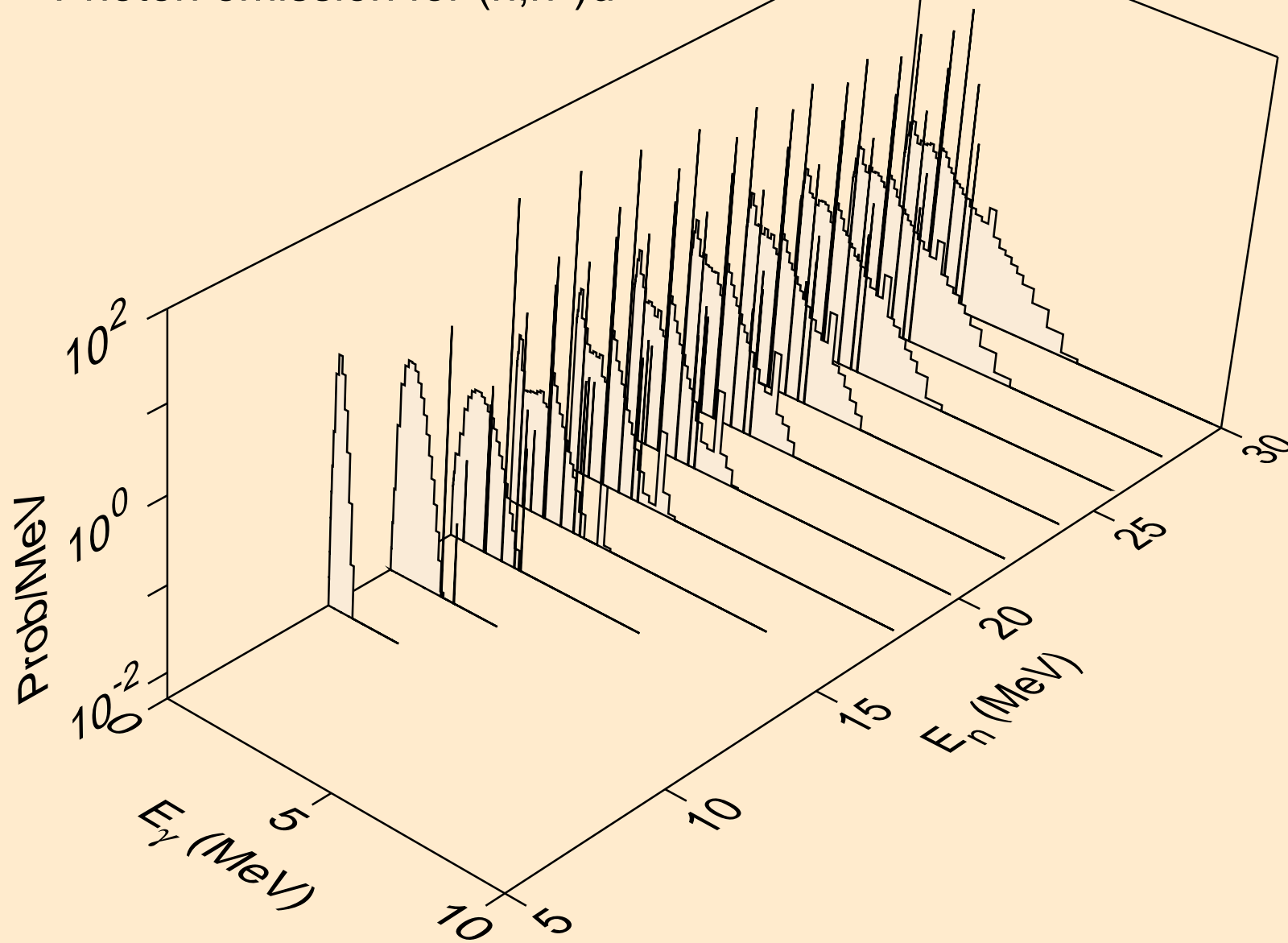
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



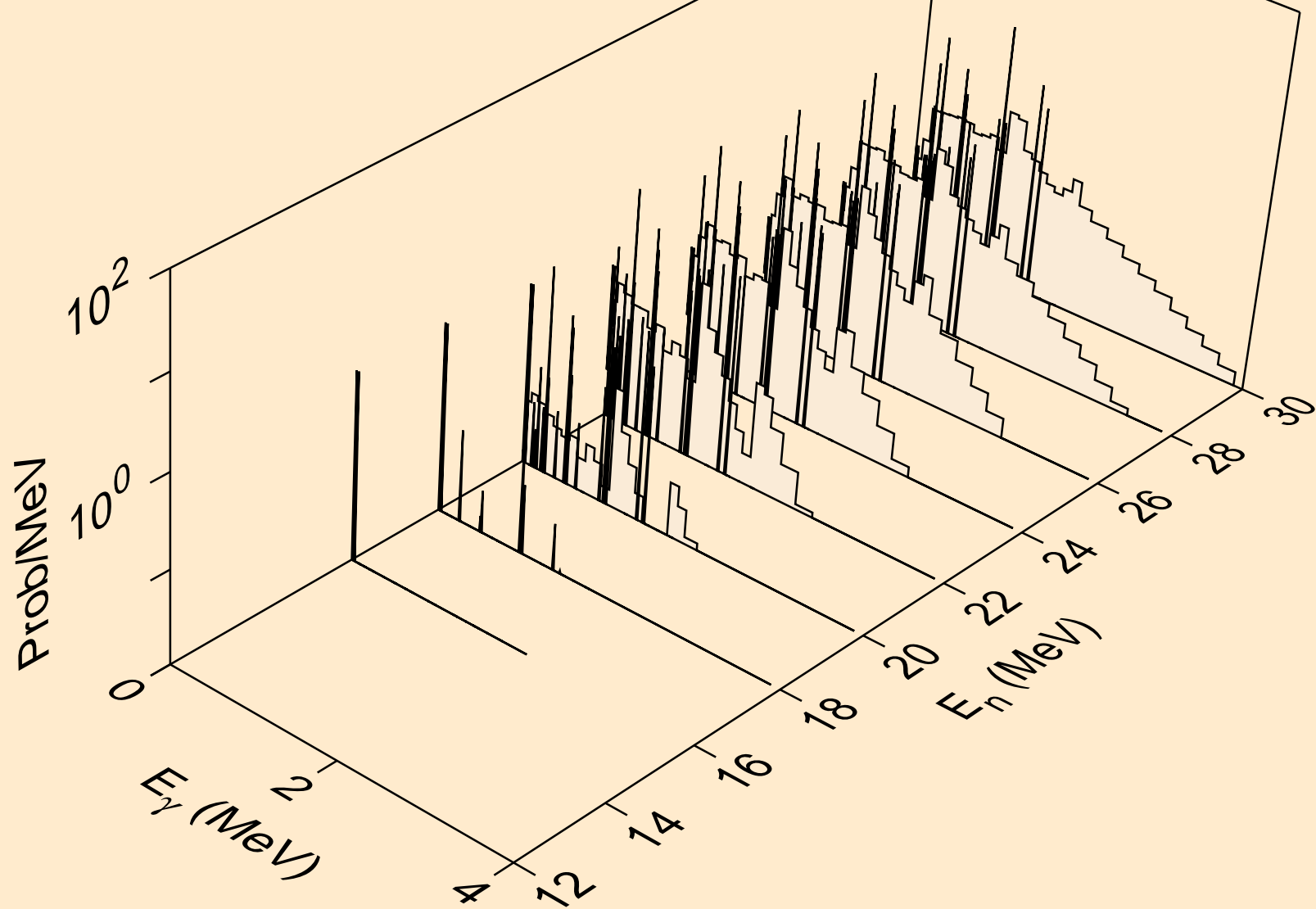
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



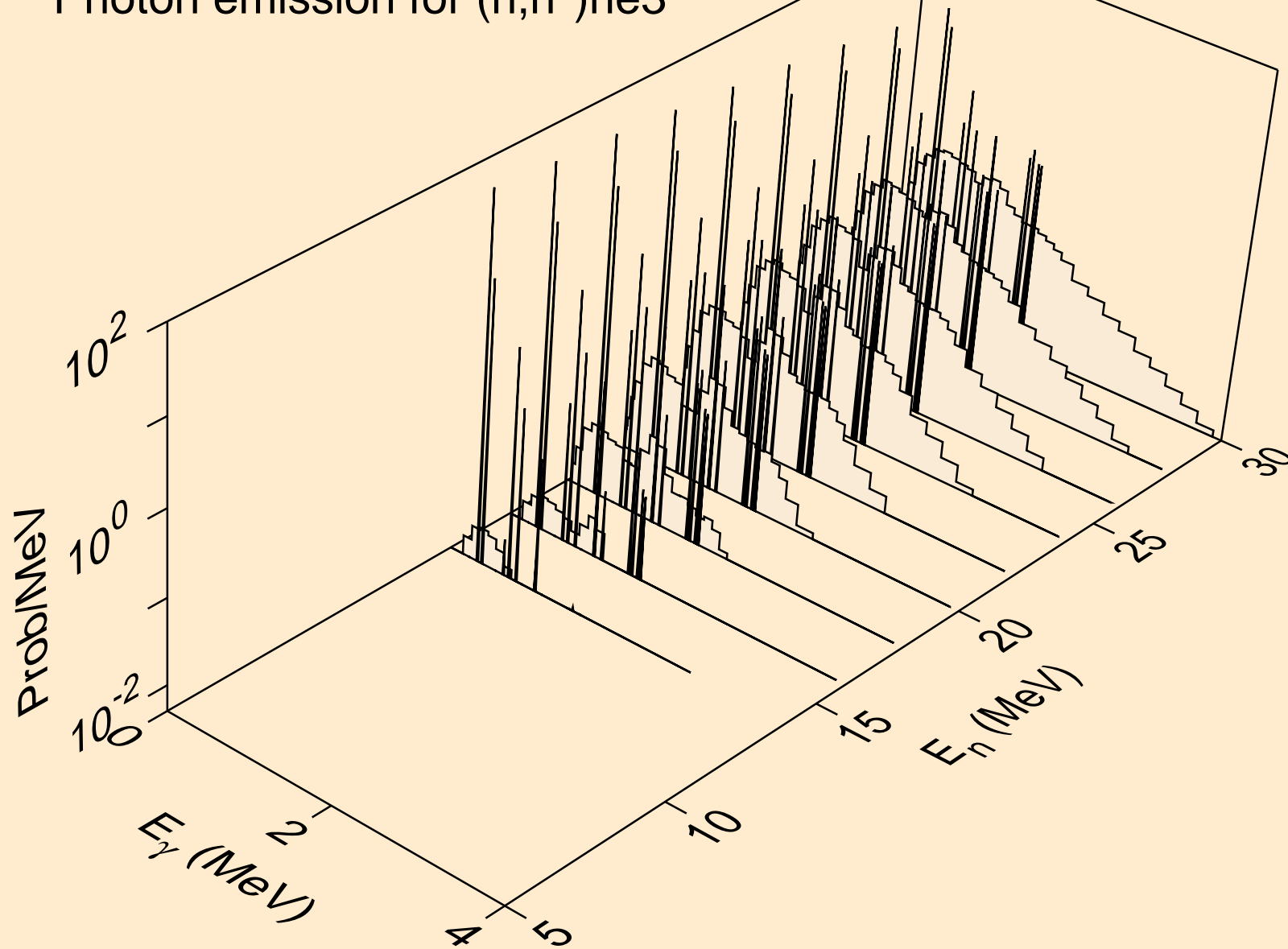
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



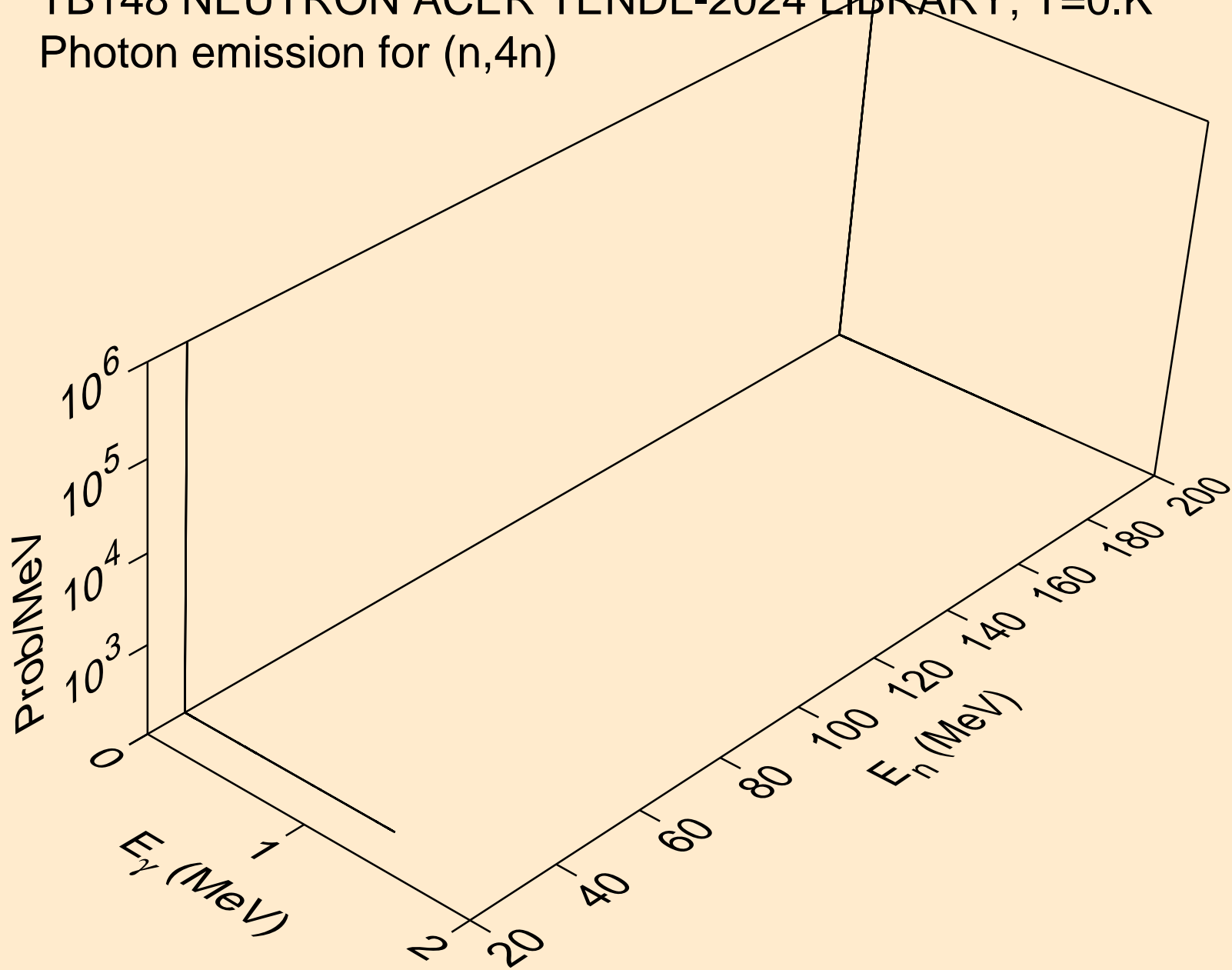
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



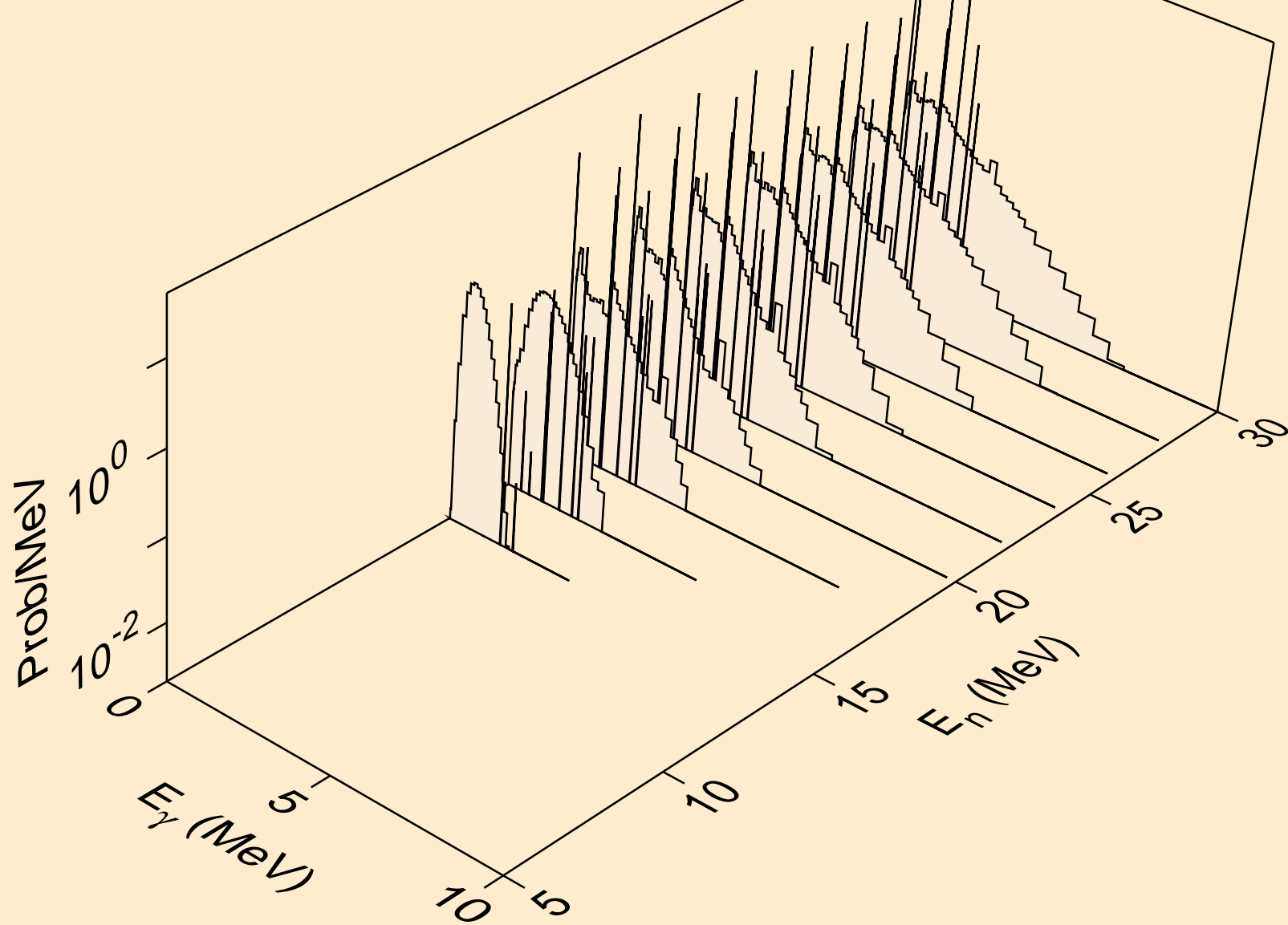
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

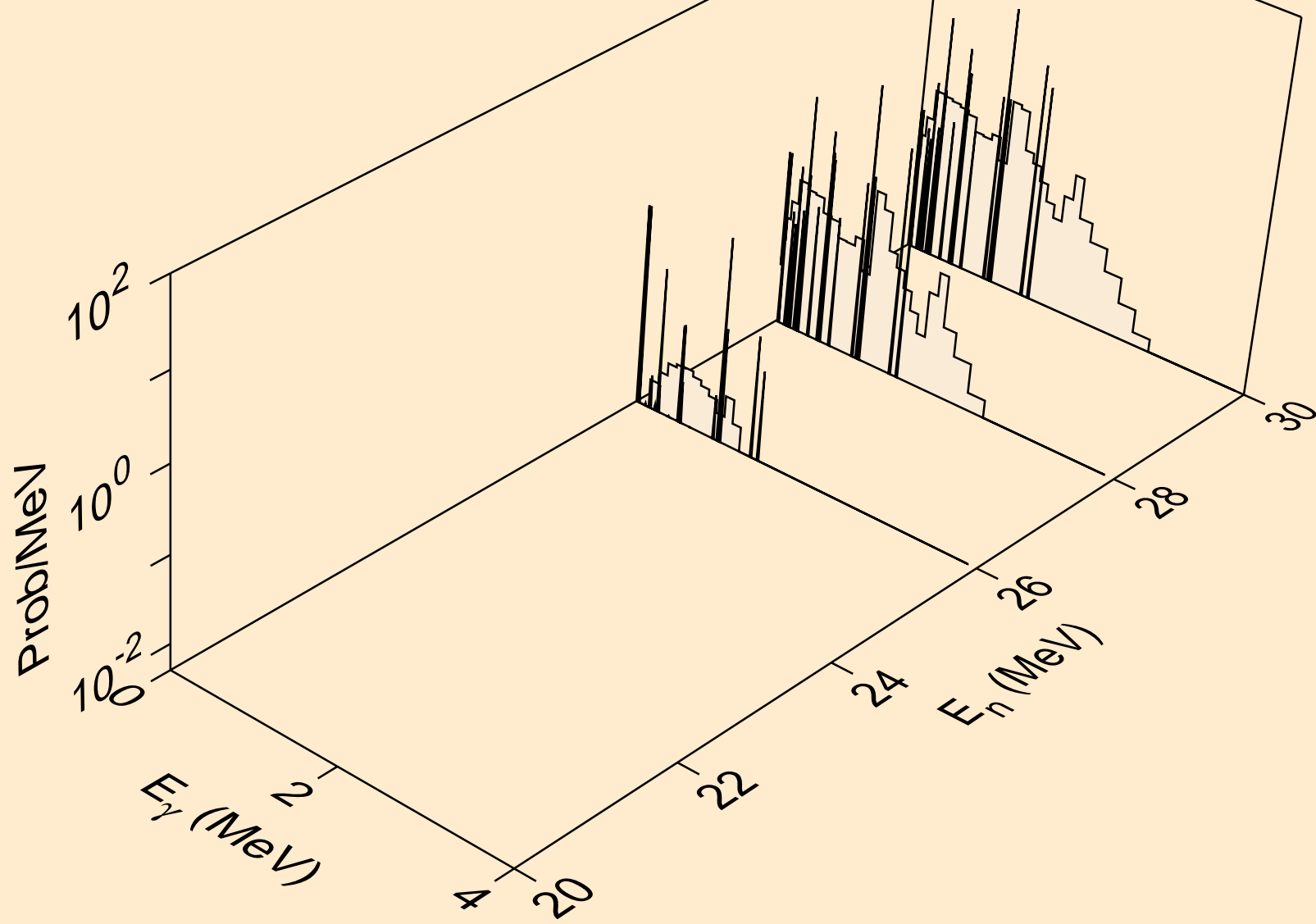


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

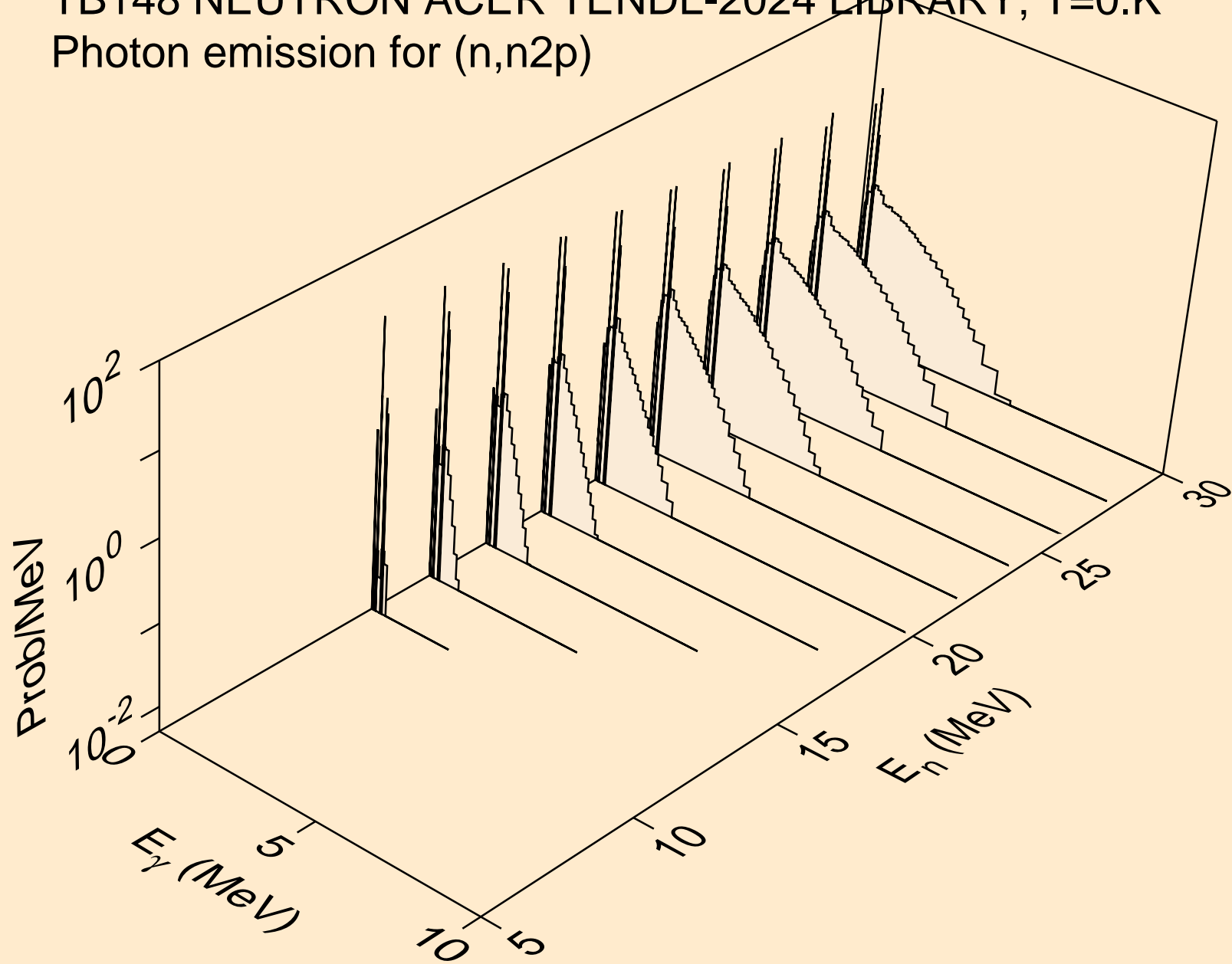




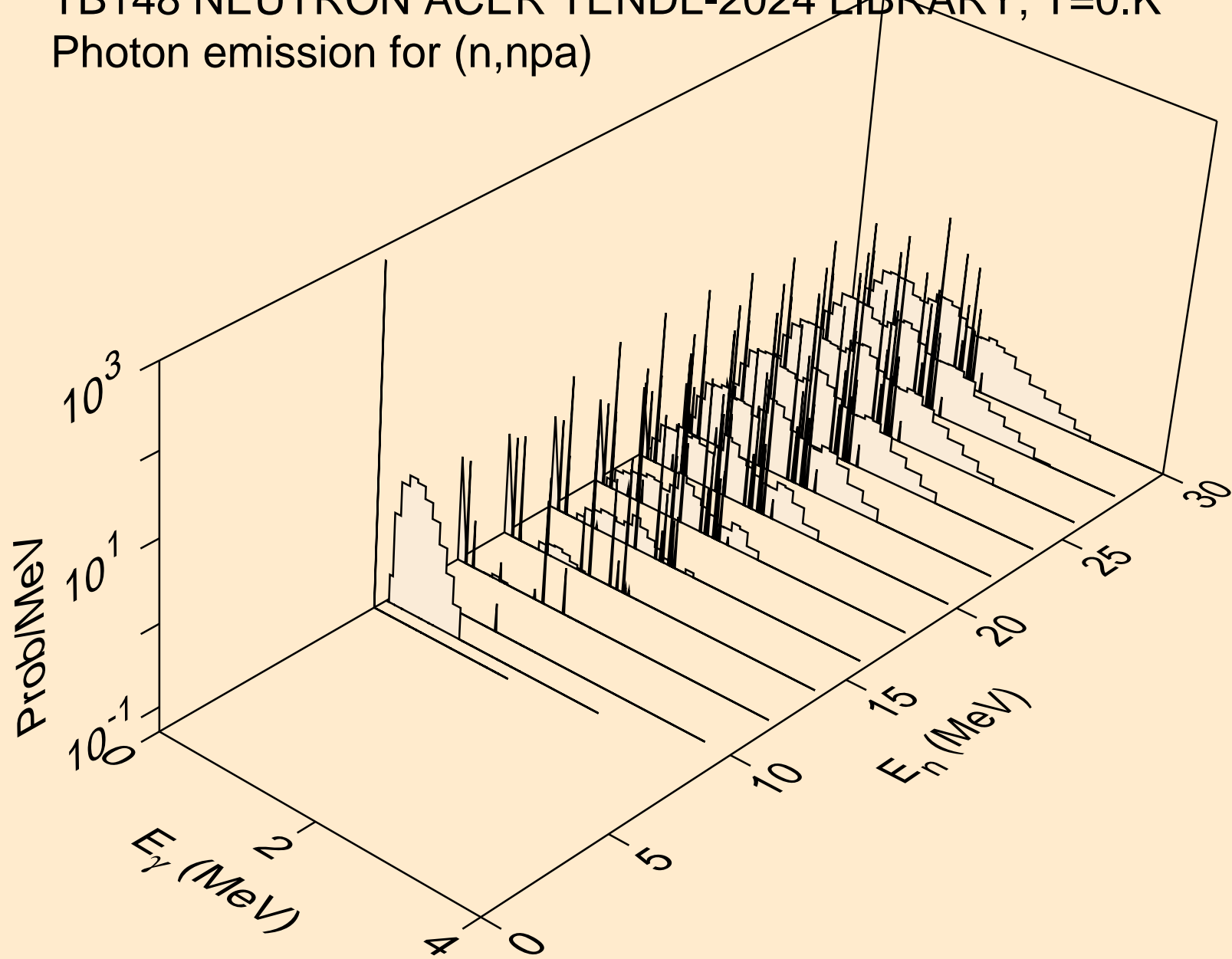
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



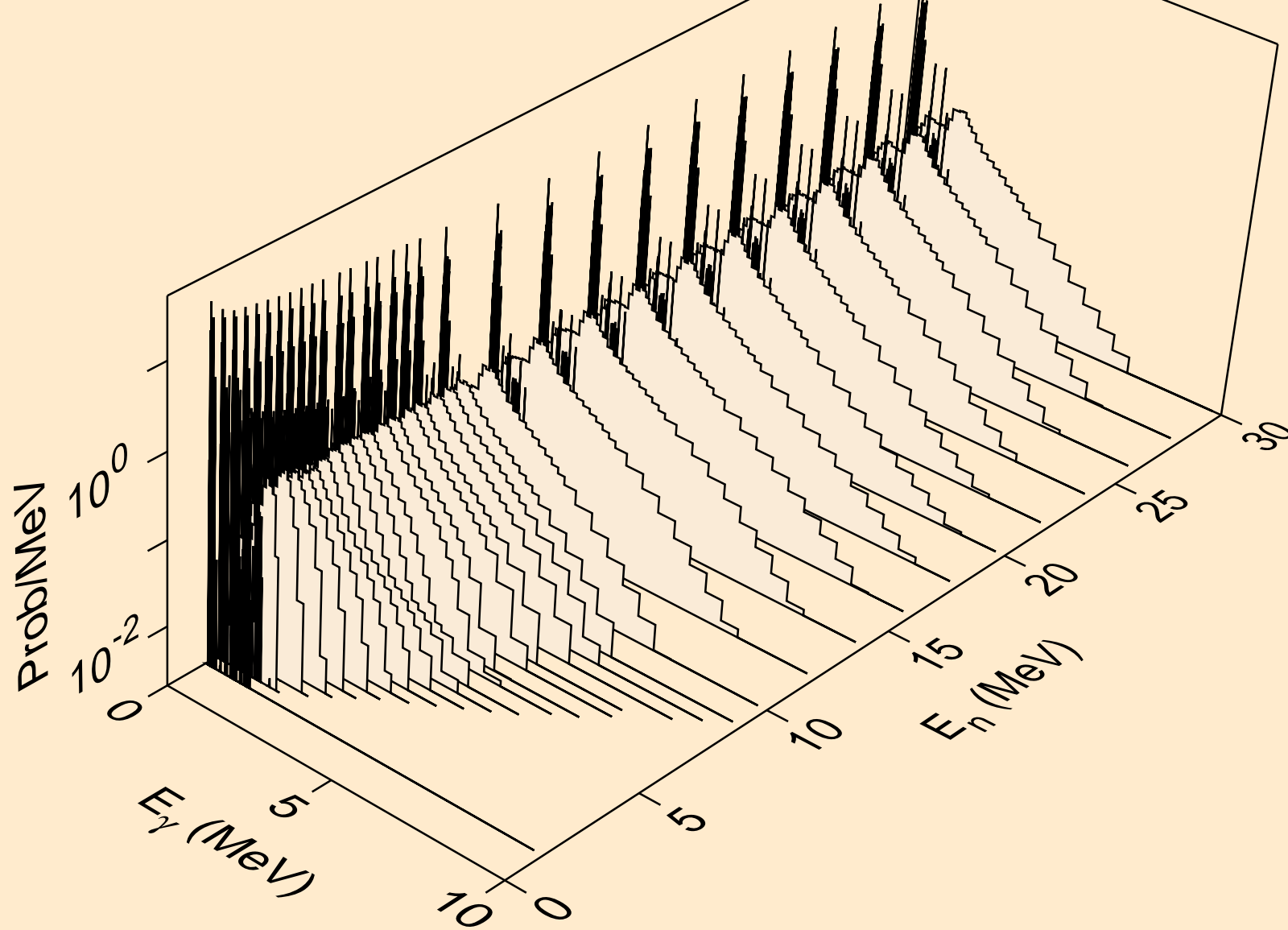
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



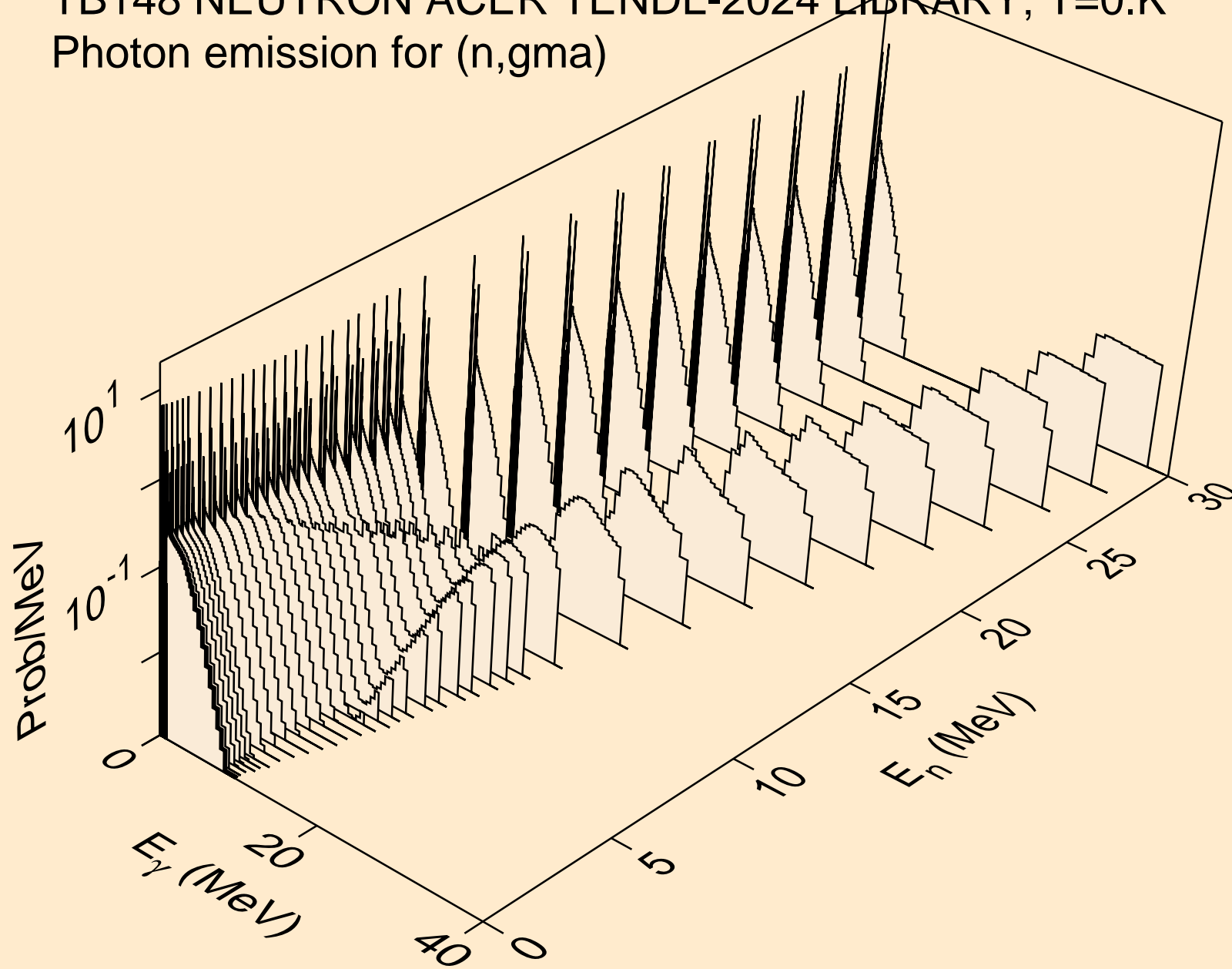
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



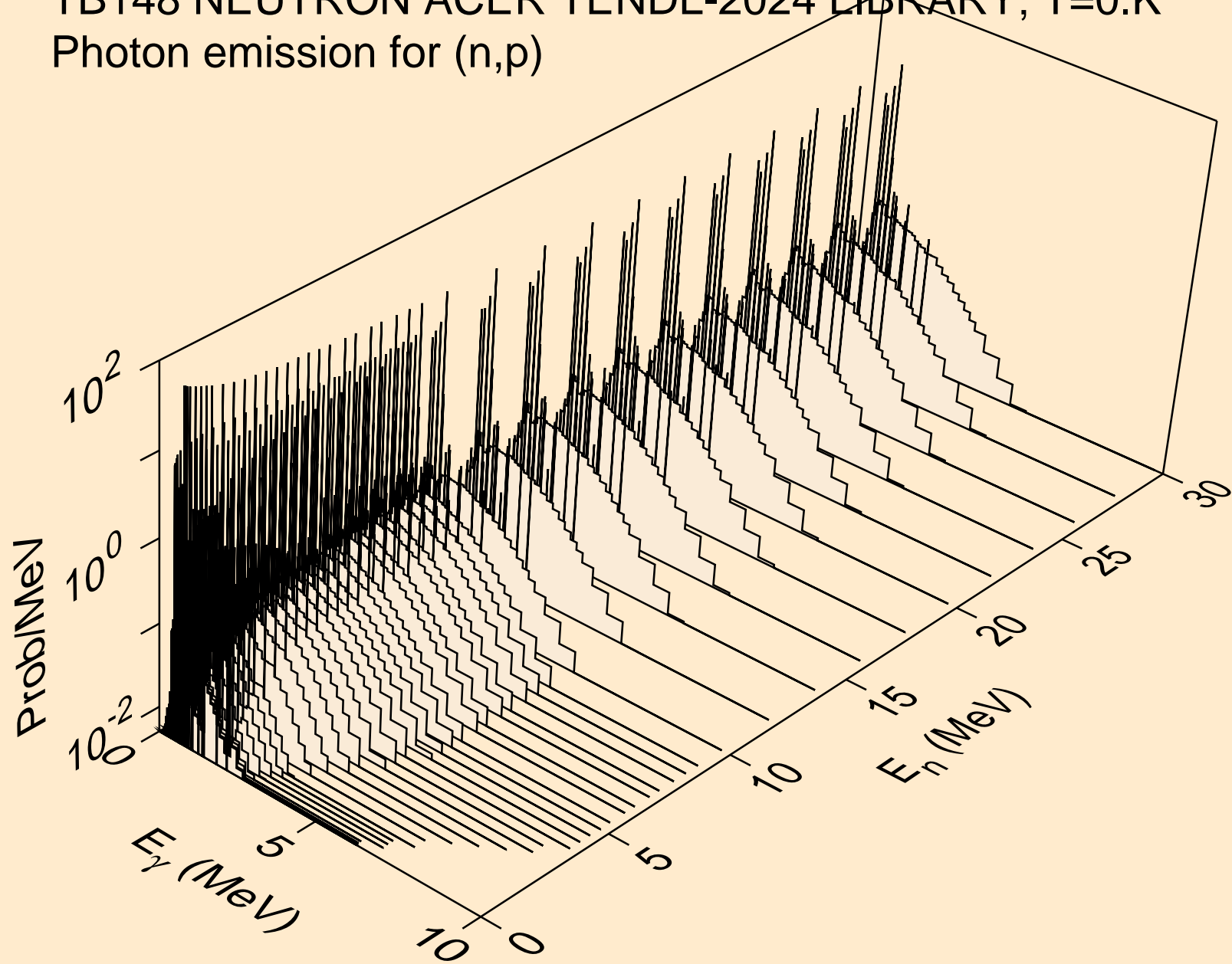
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



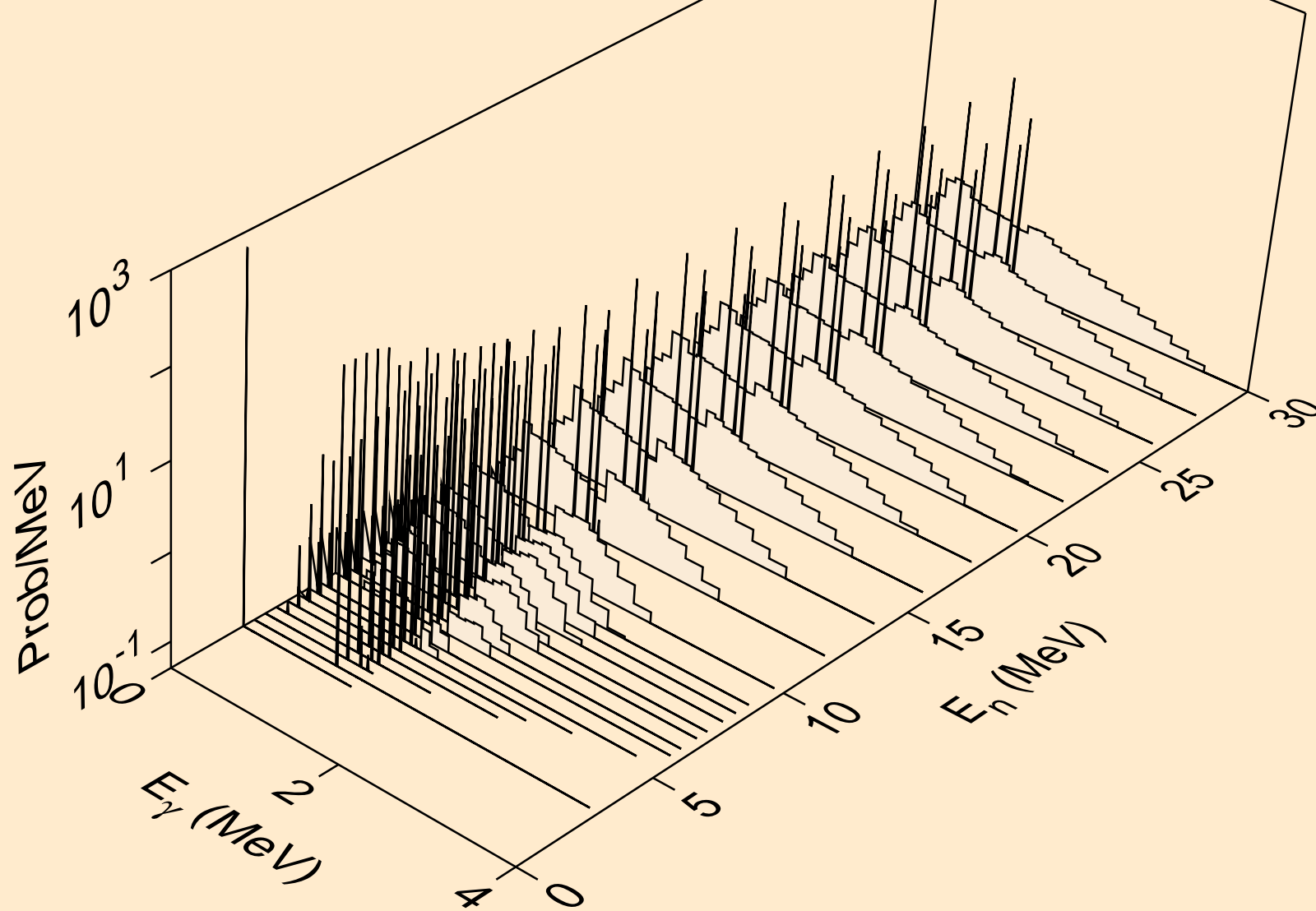
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



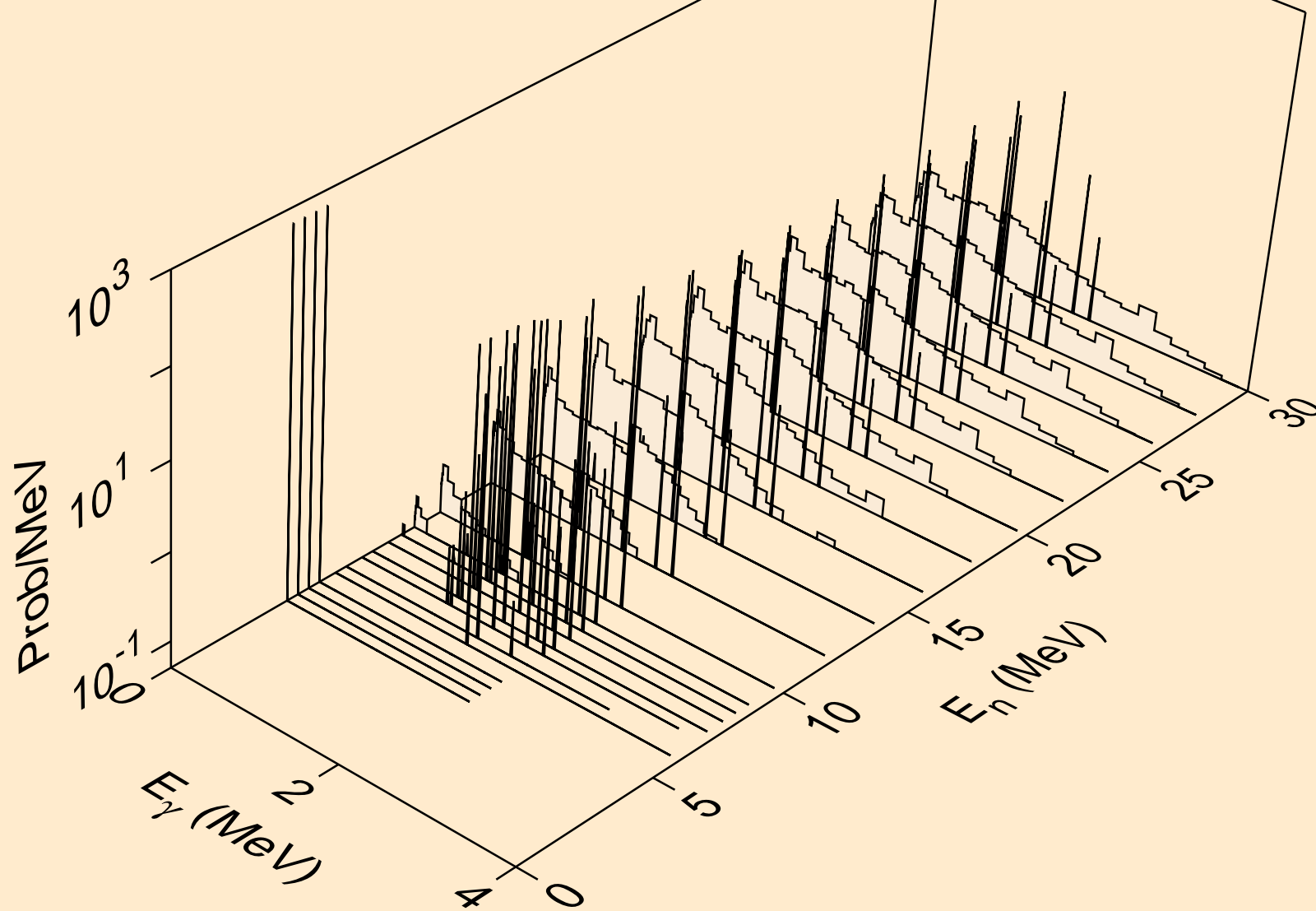
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

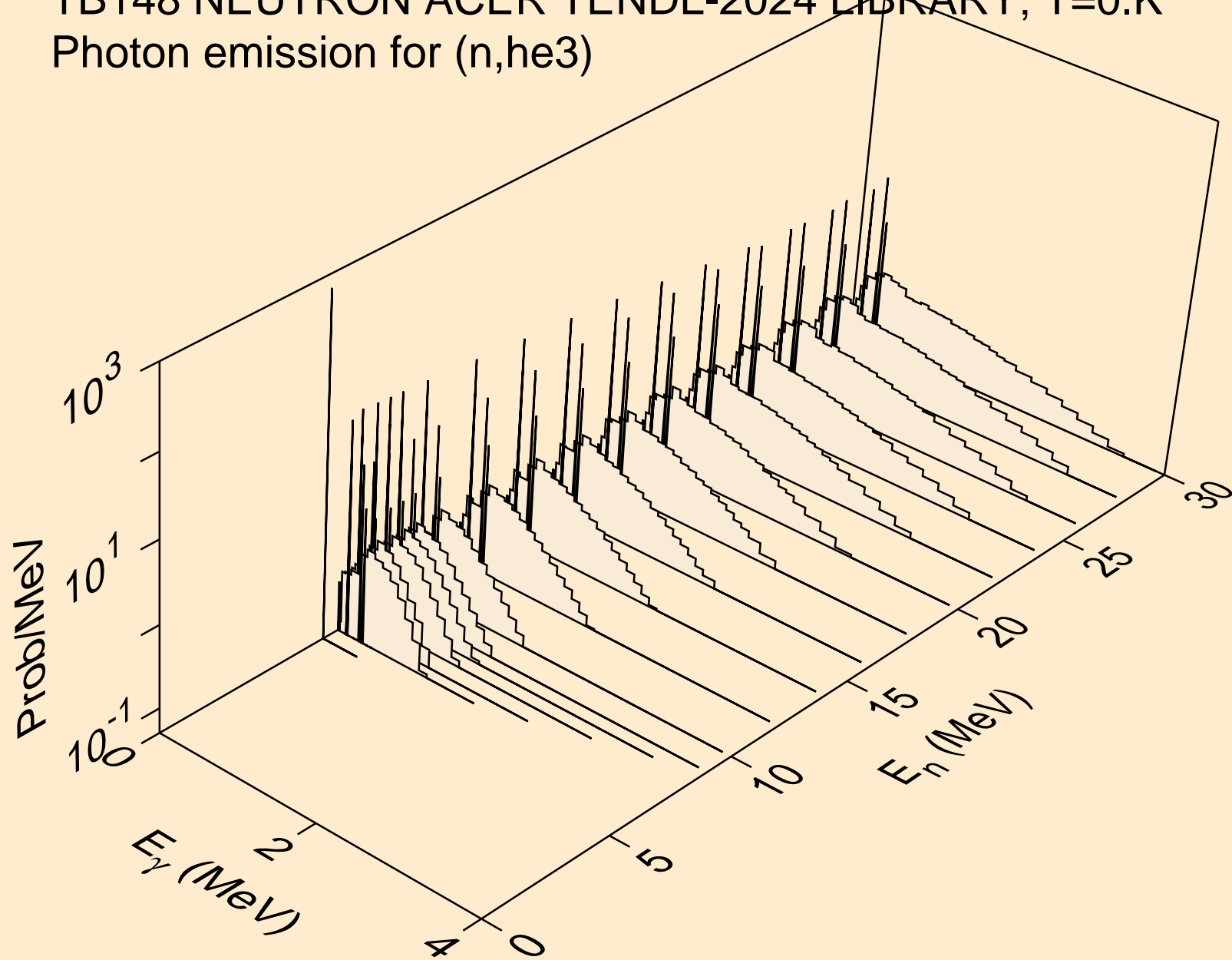


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

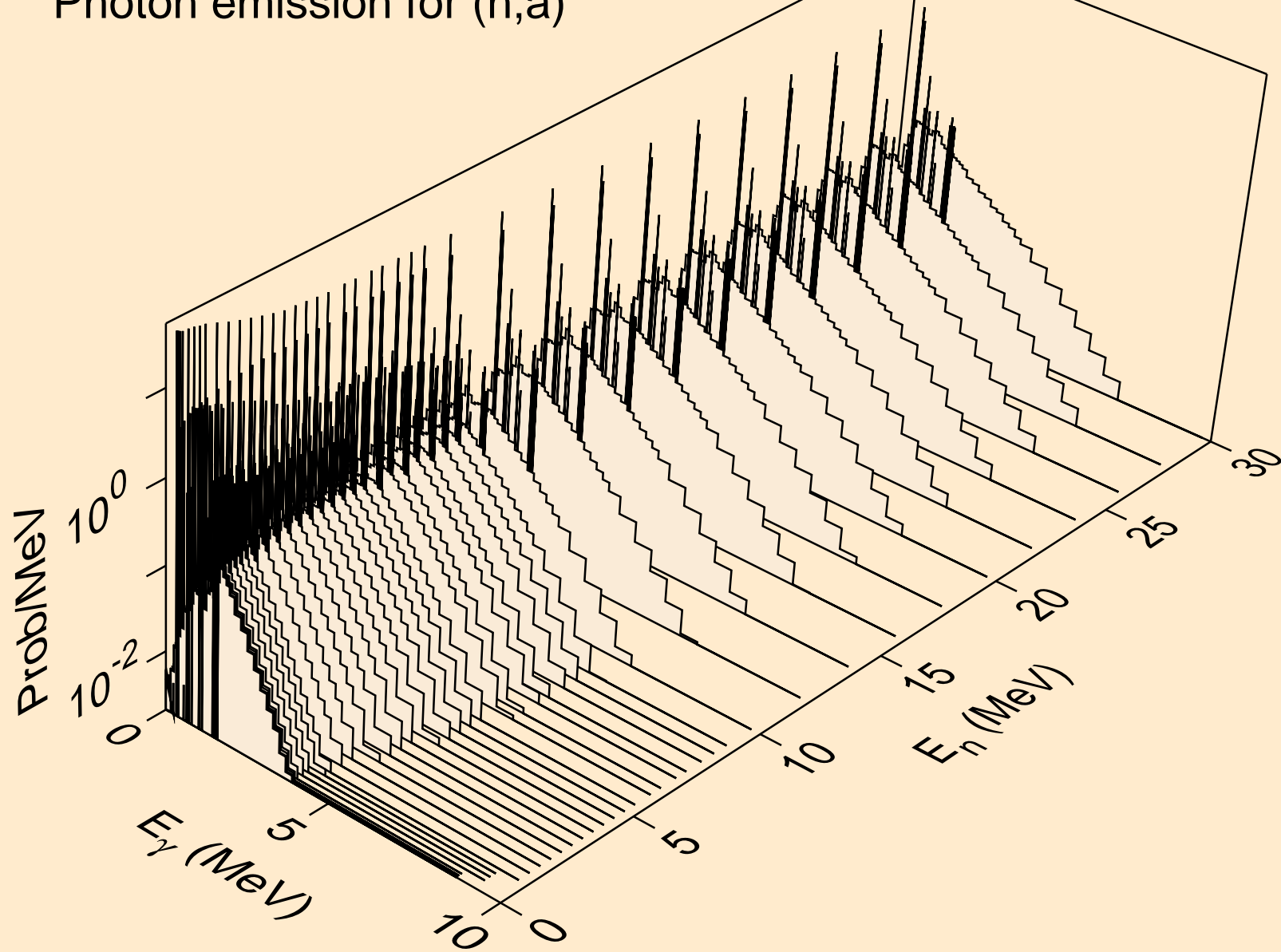




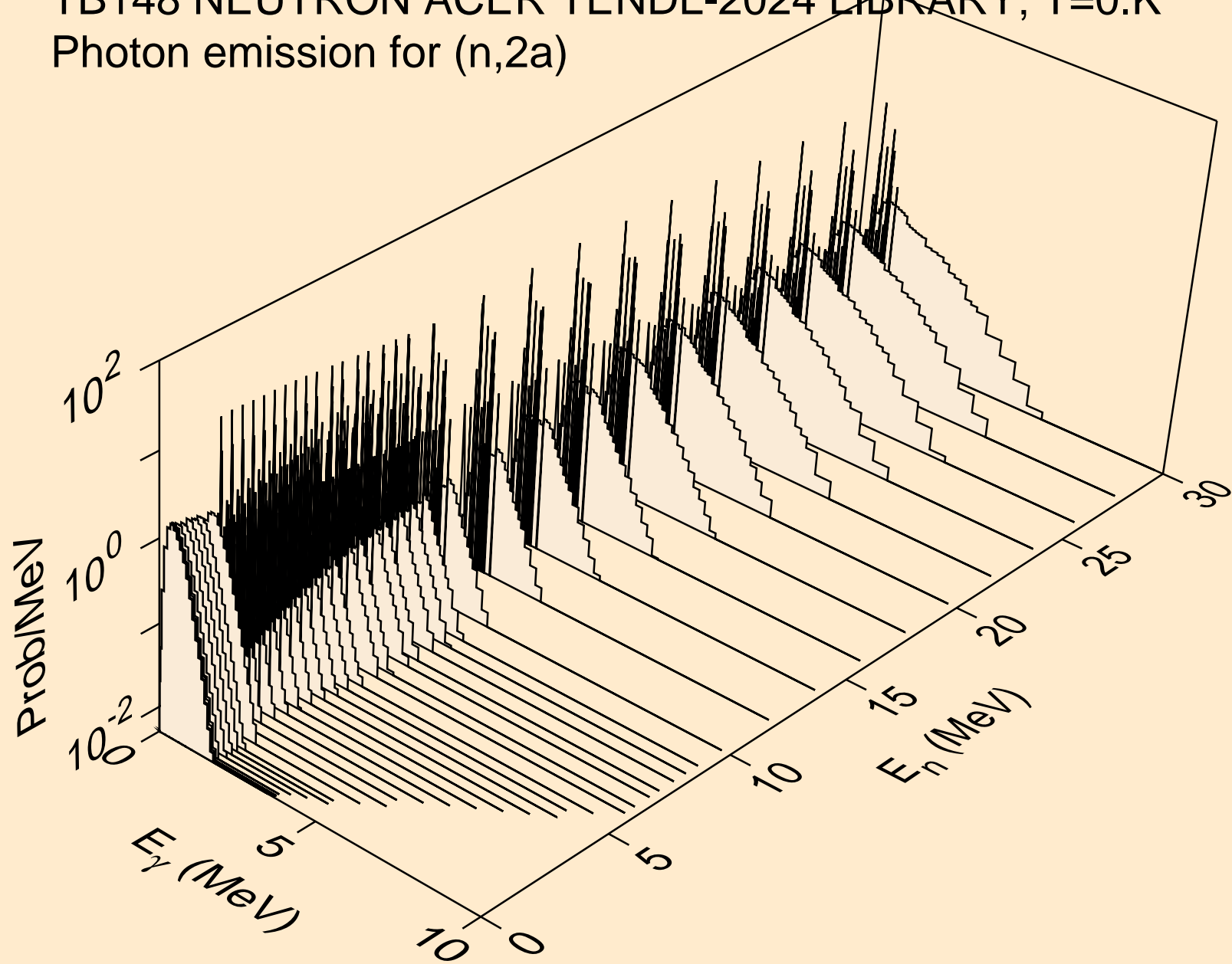
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



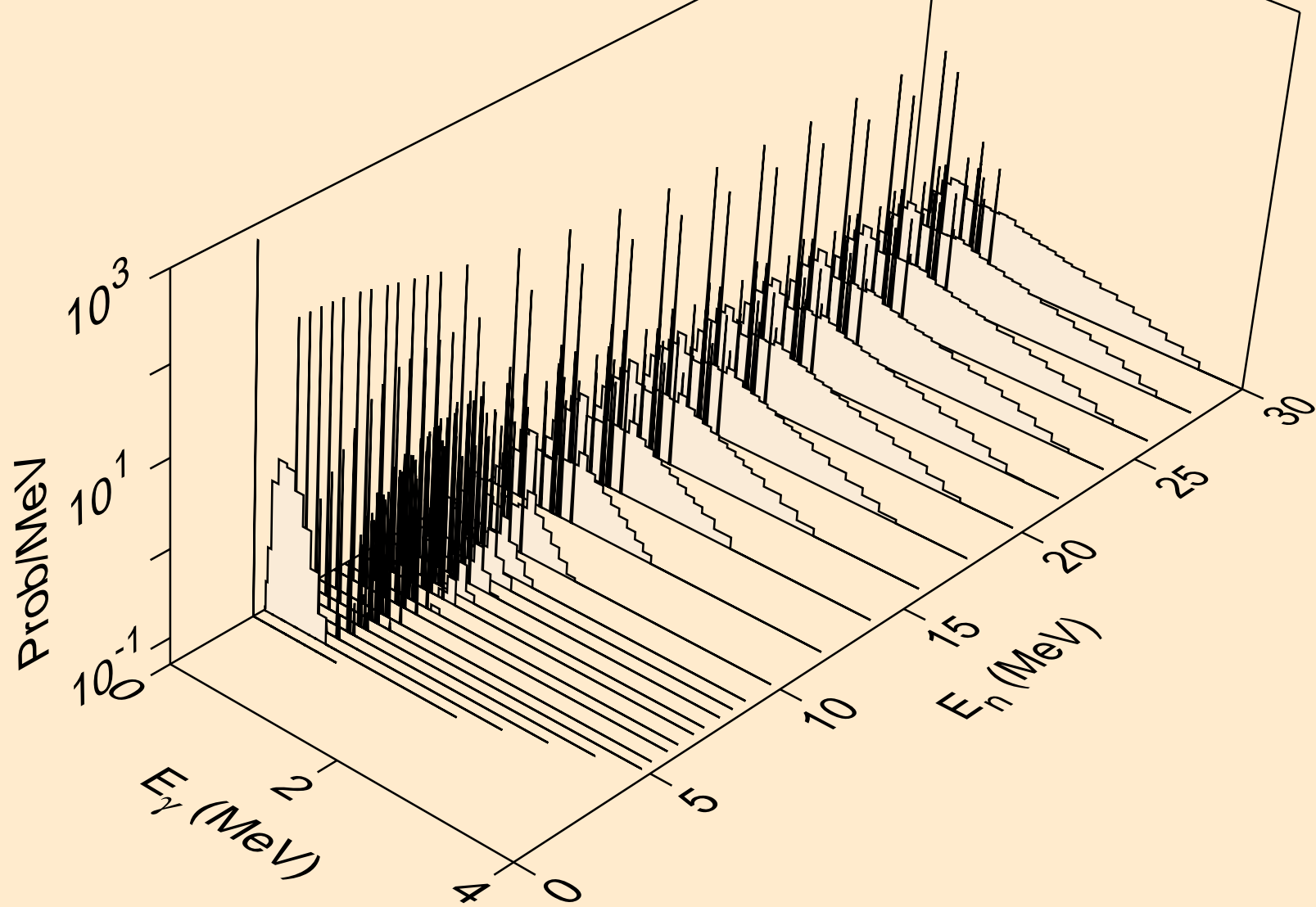
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



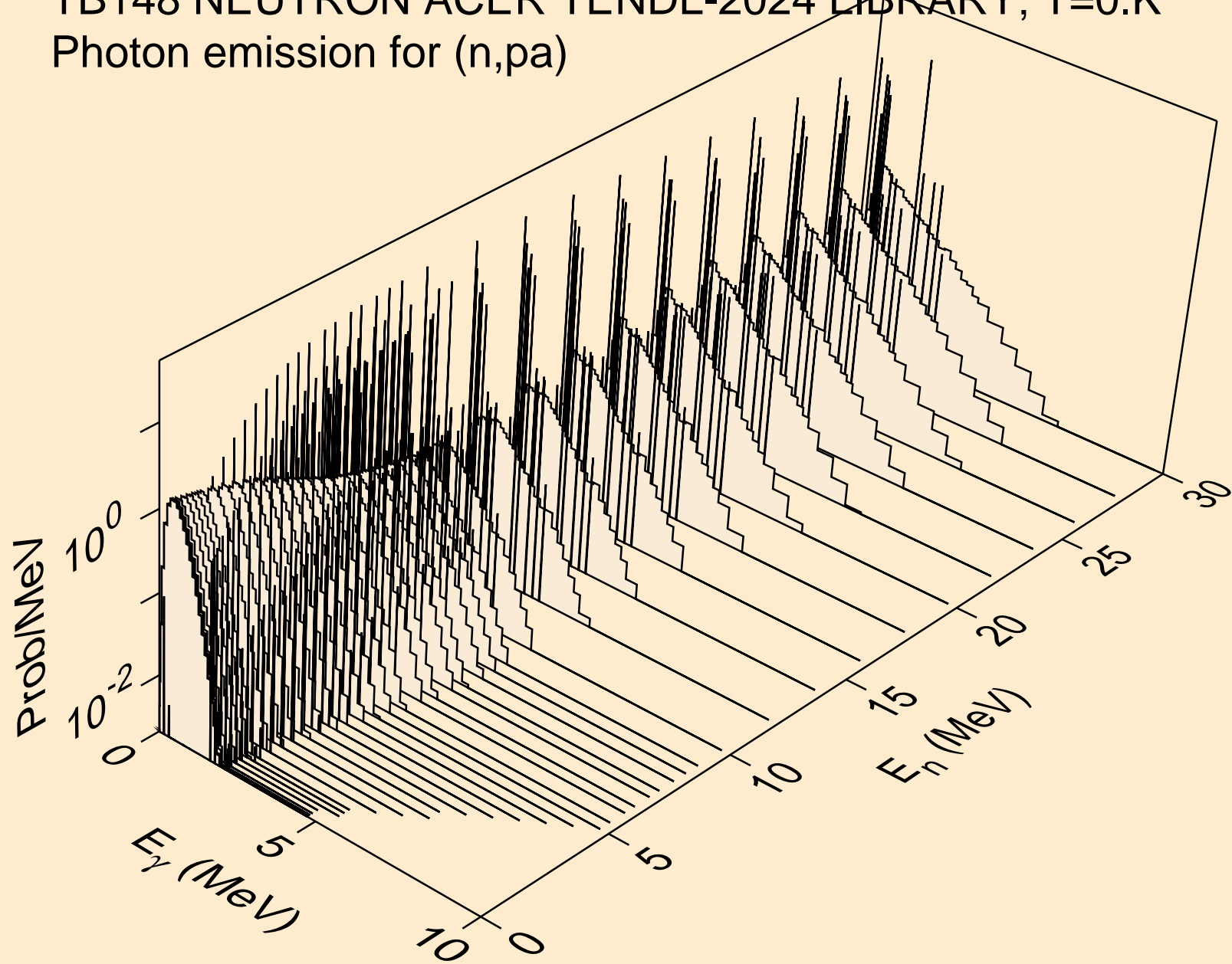
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



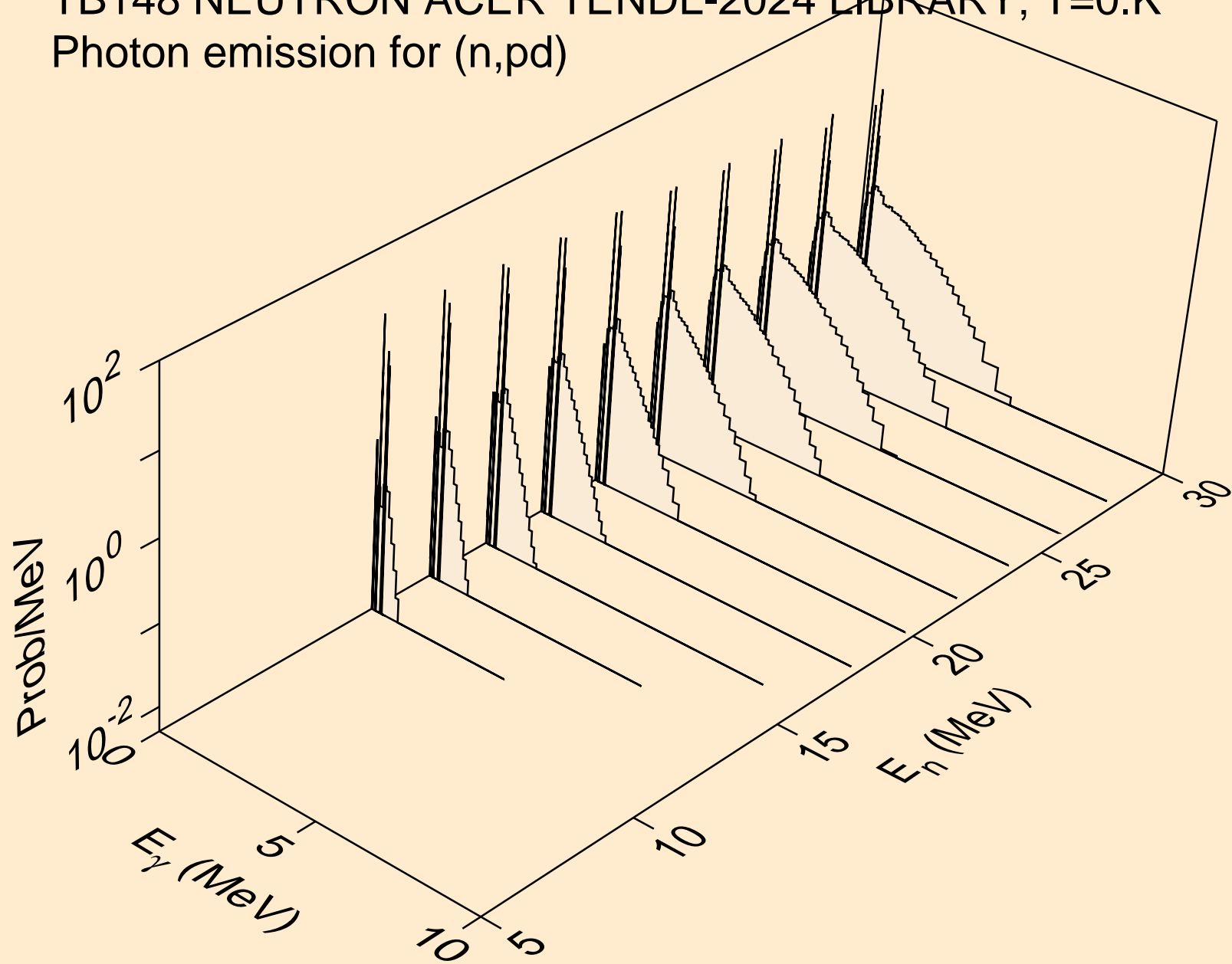
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



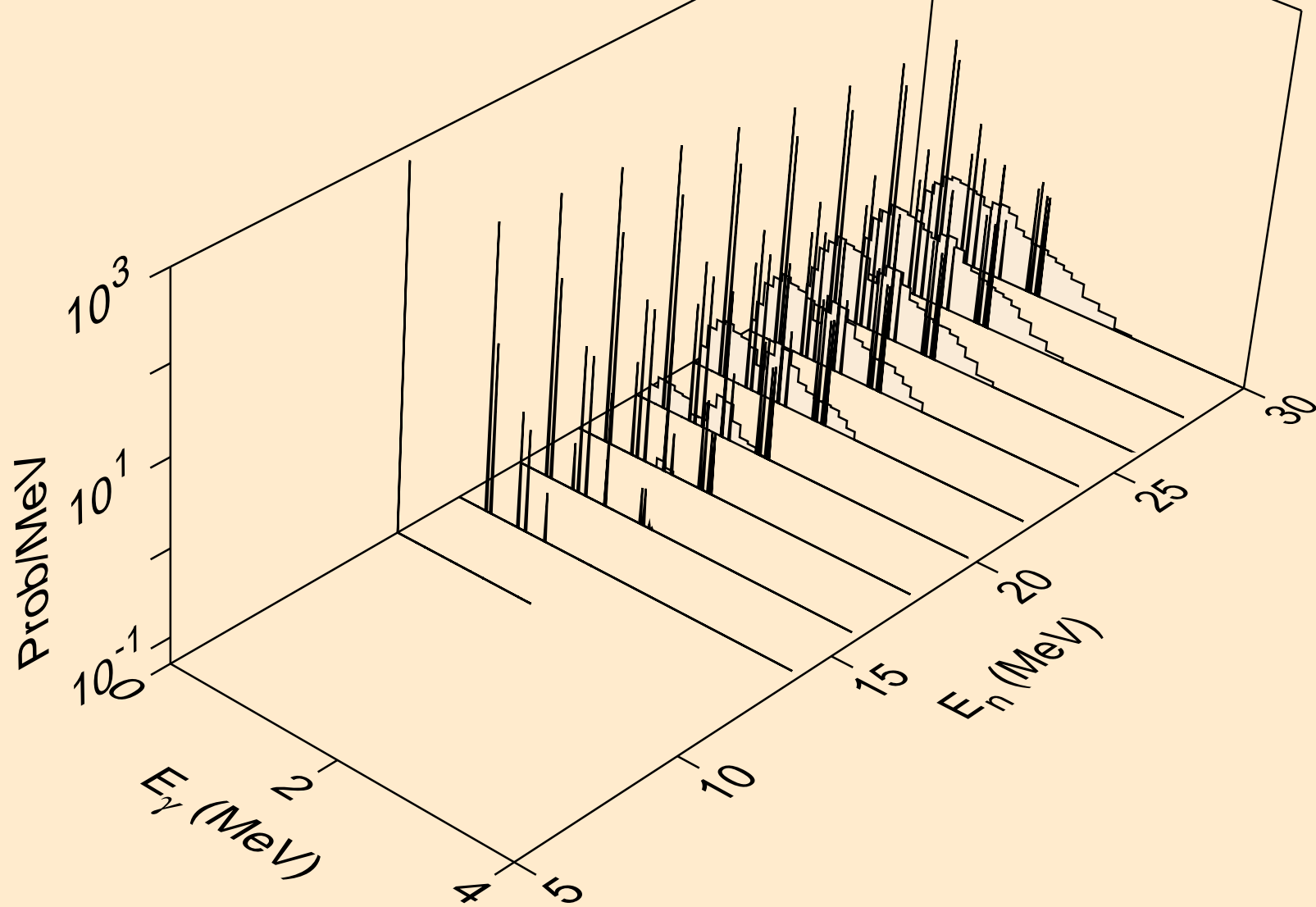
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



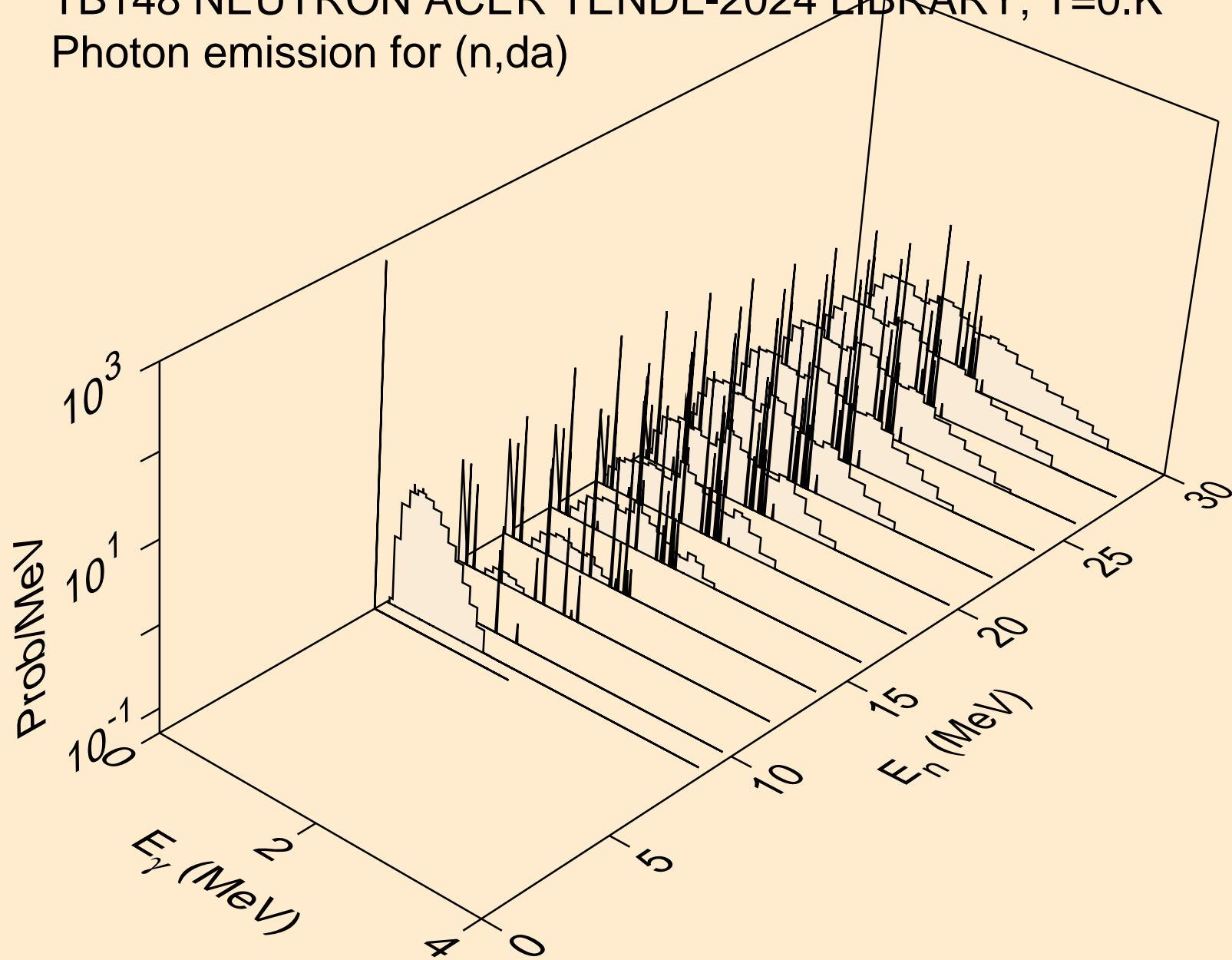
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

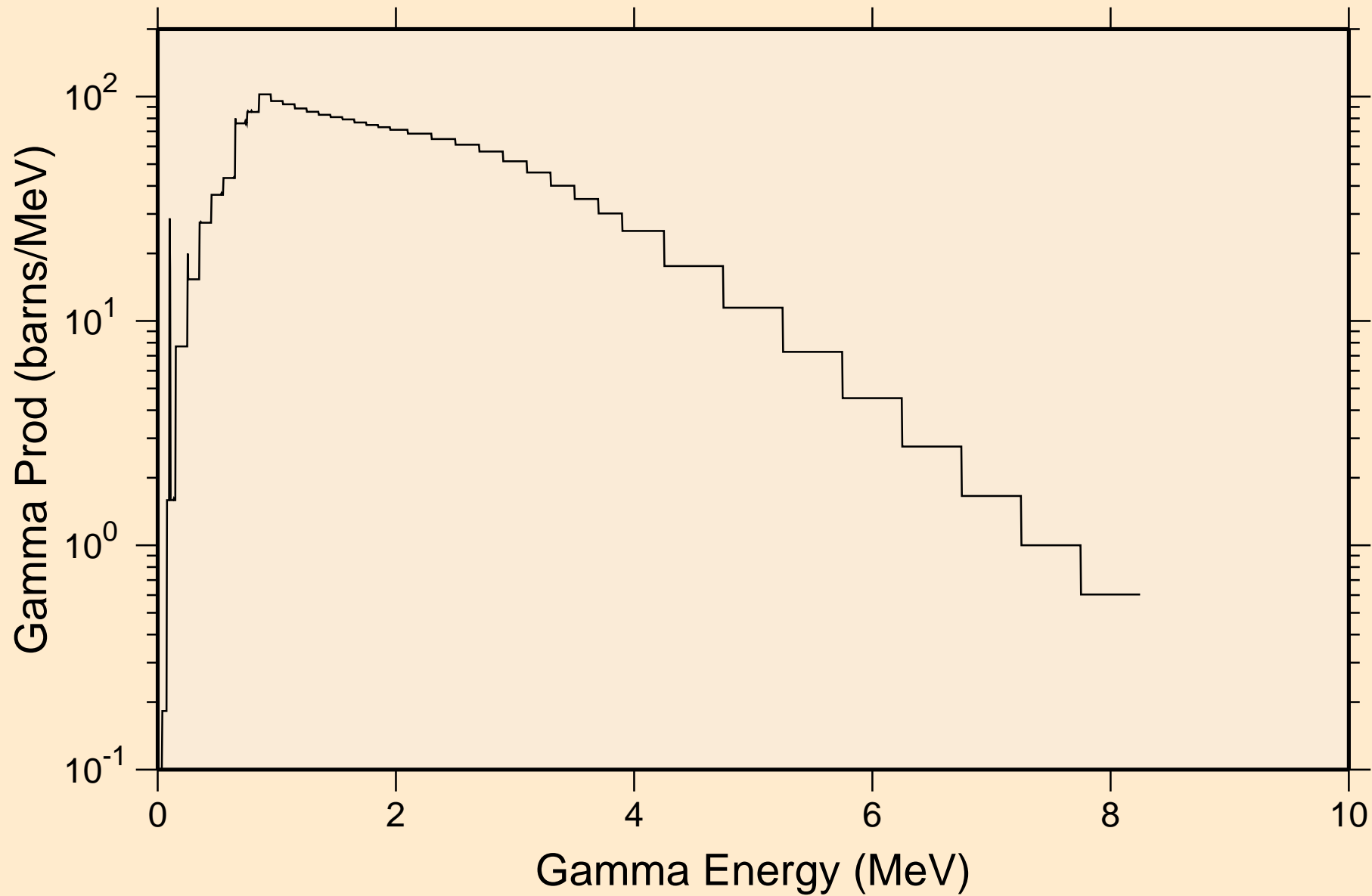


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

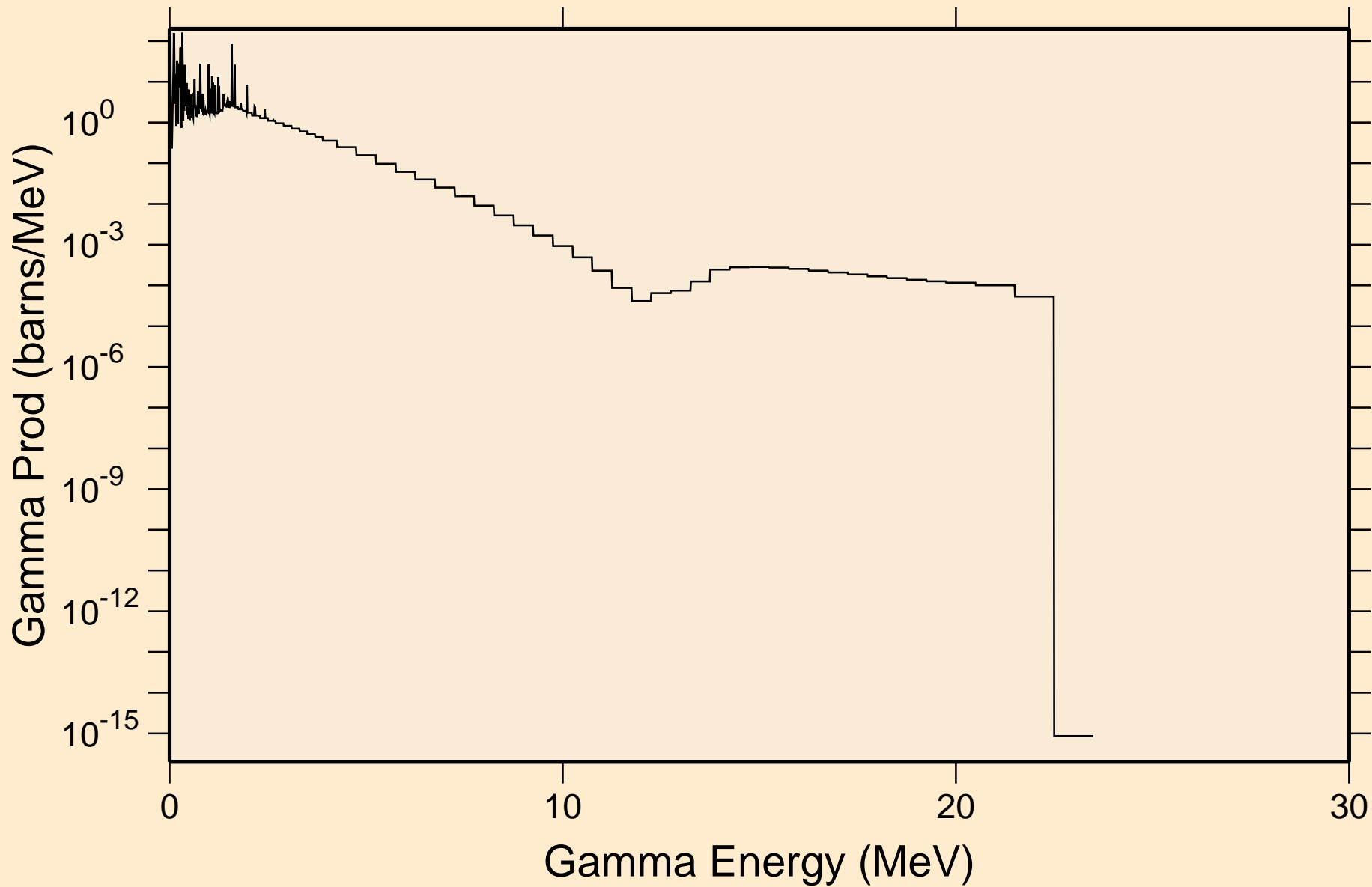




TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

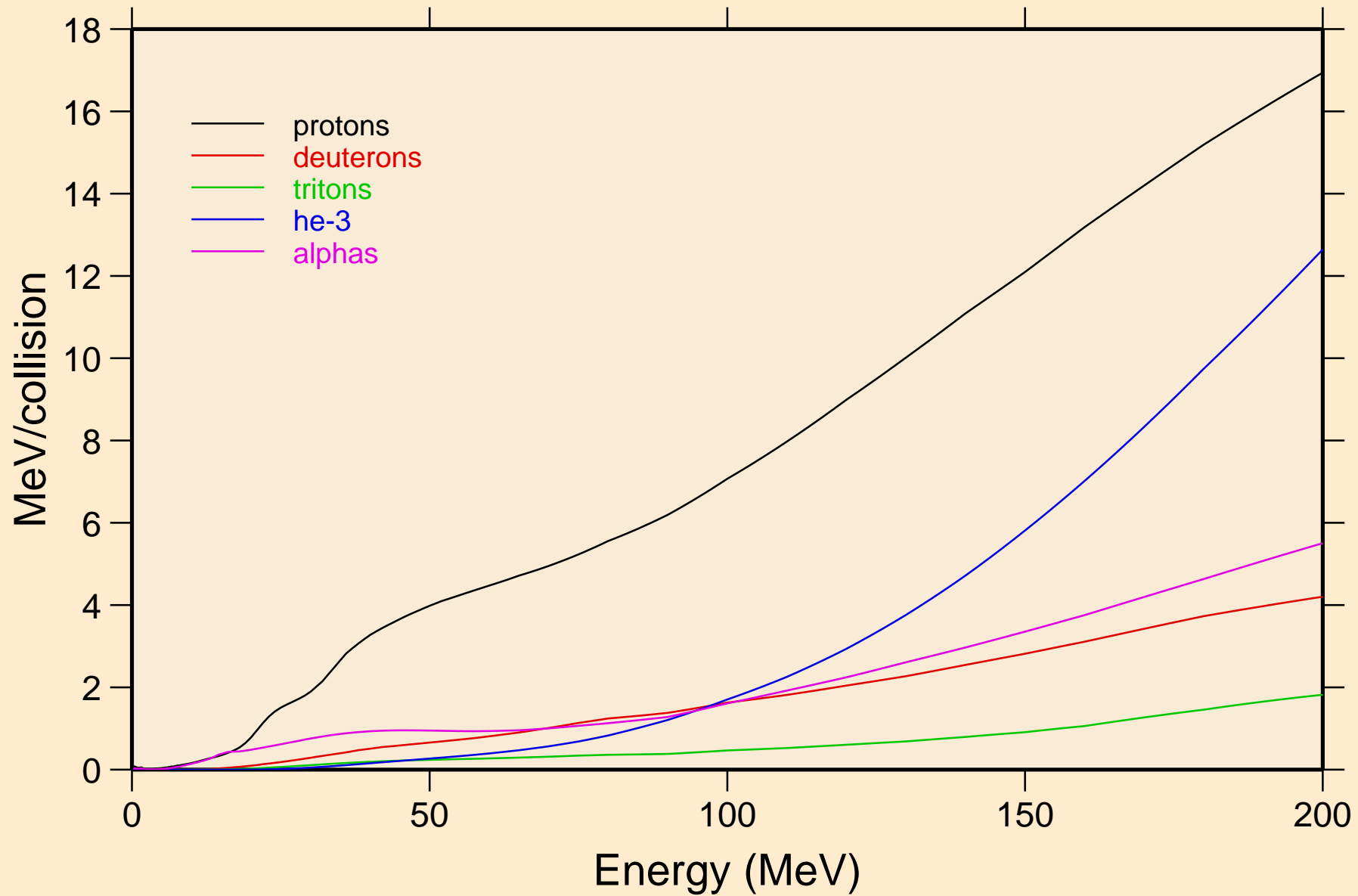


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

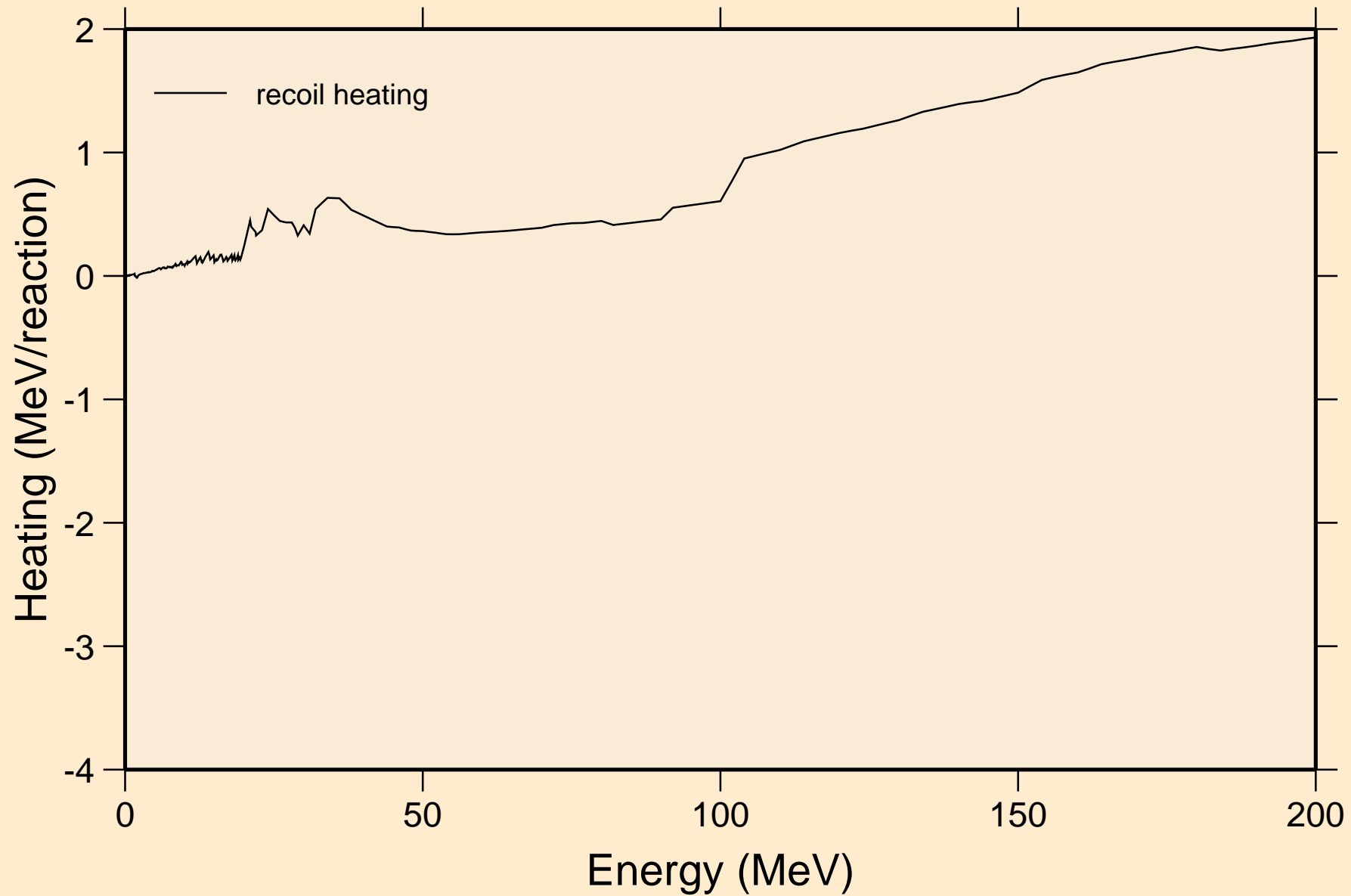


# TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

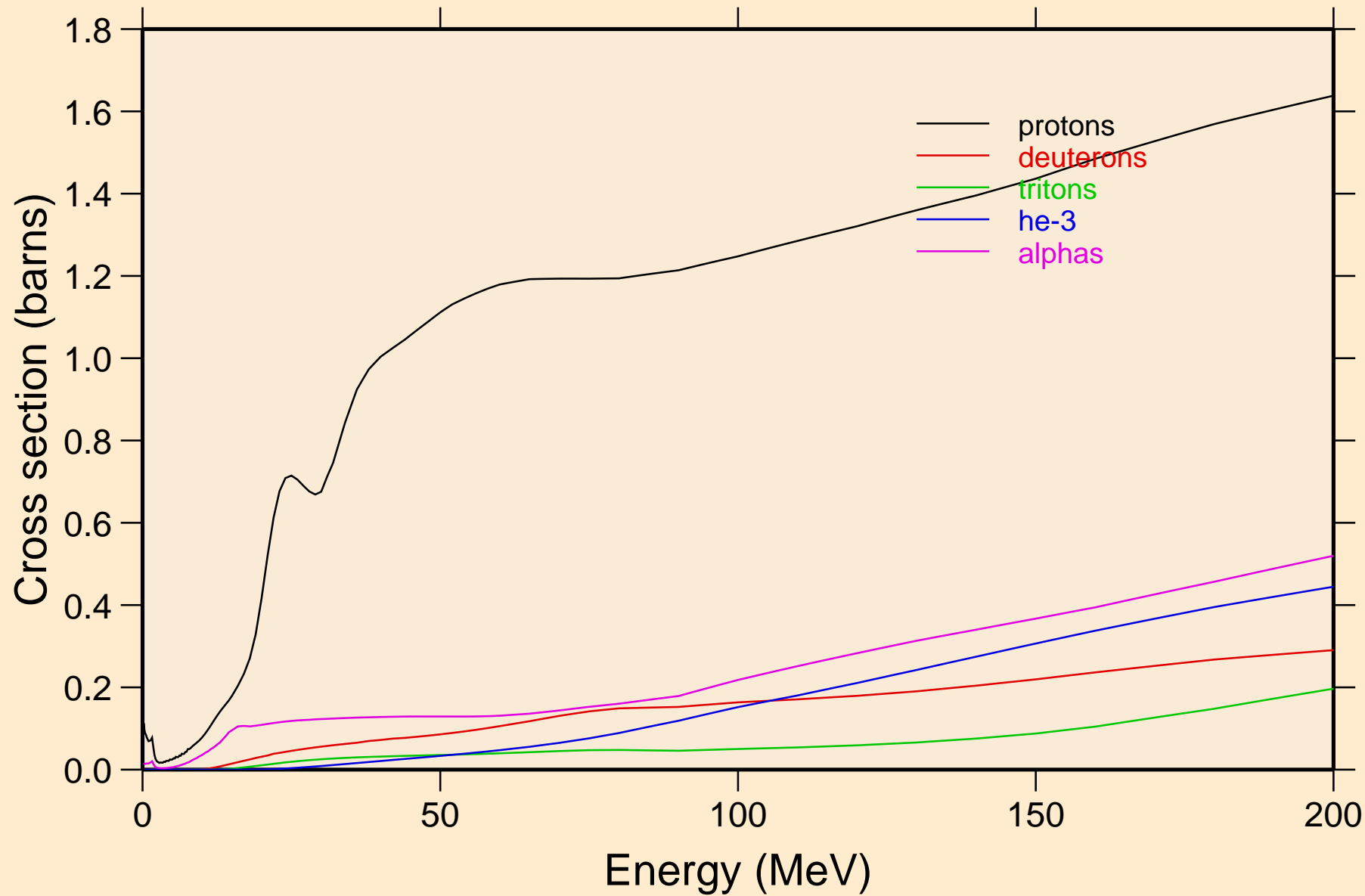
## Particle heating contributions



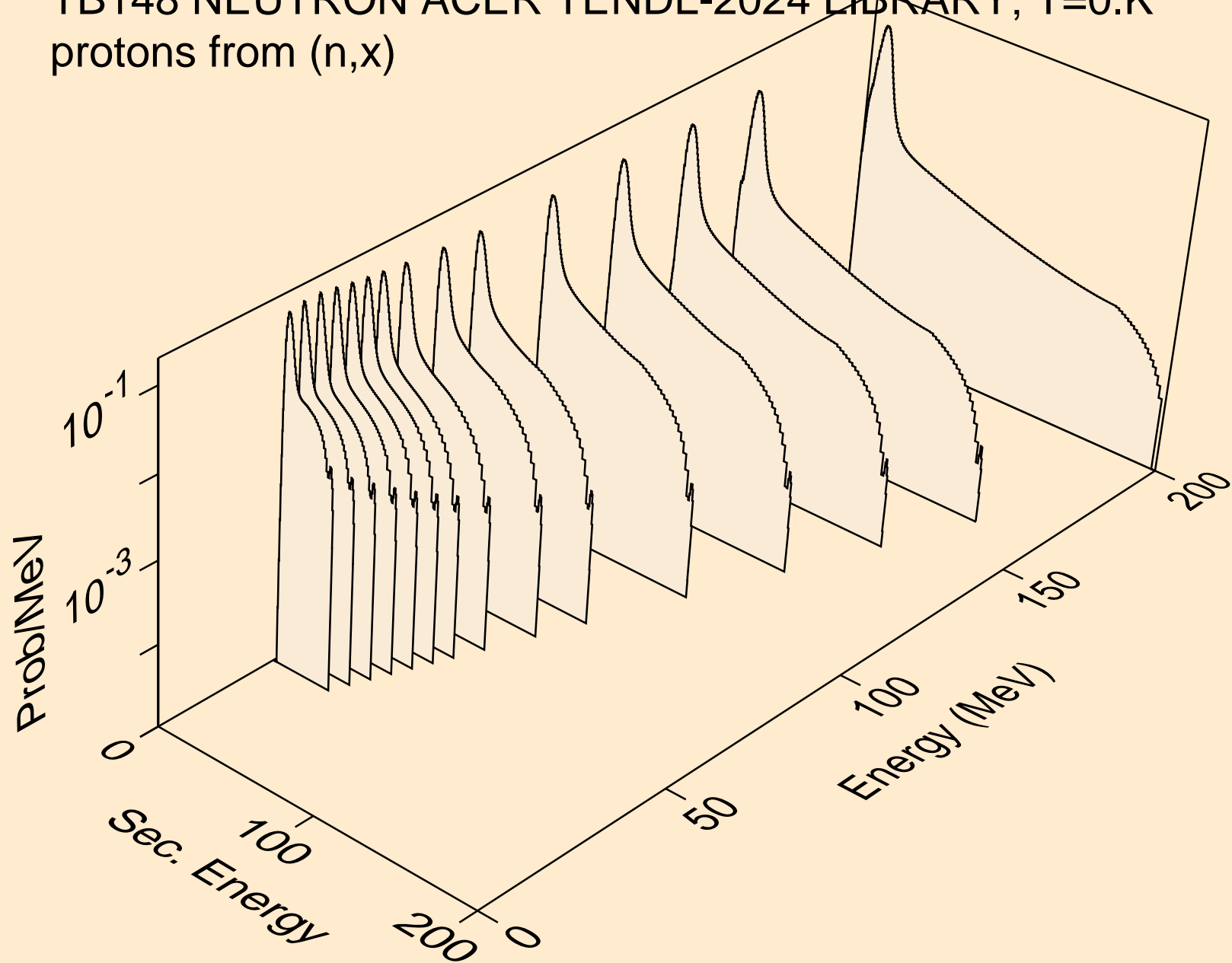
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



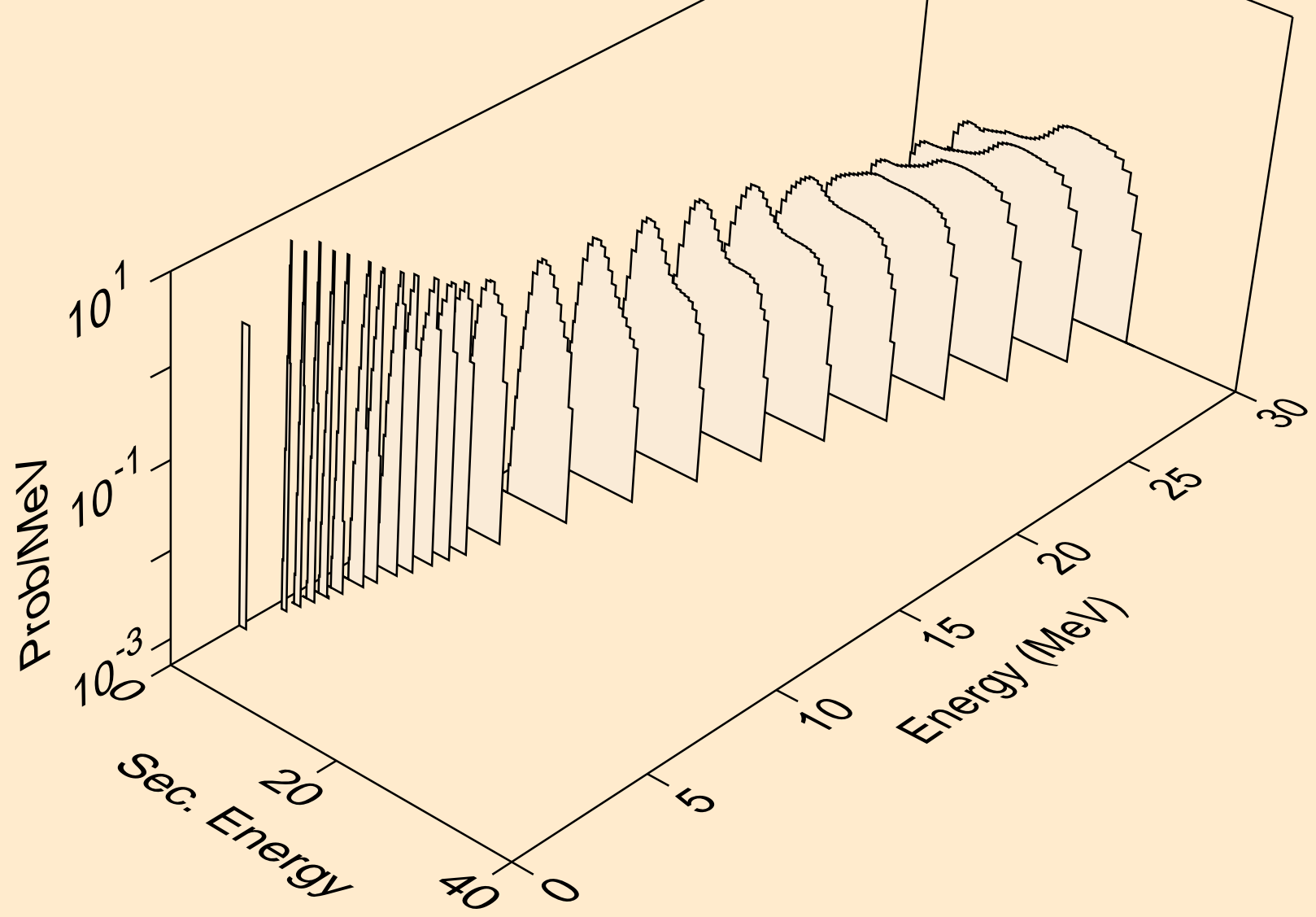
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



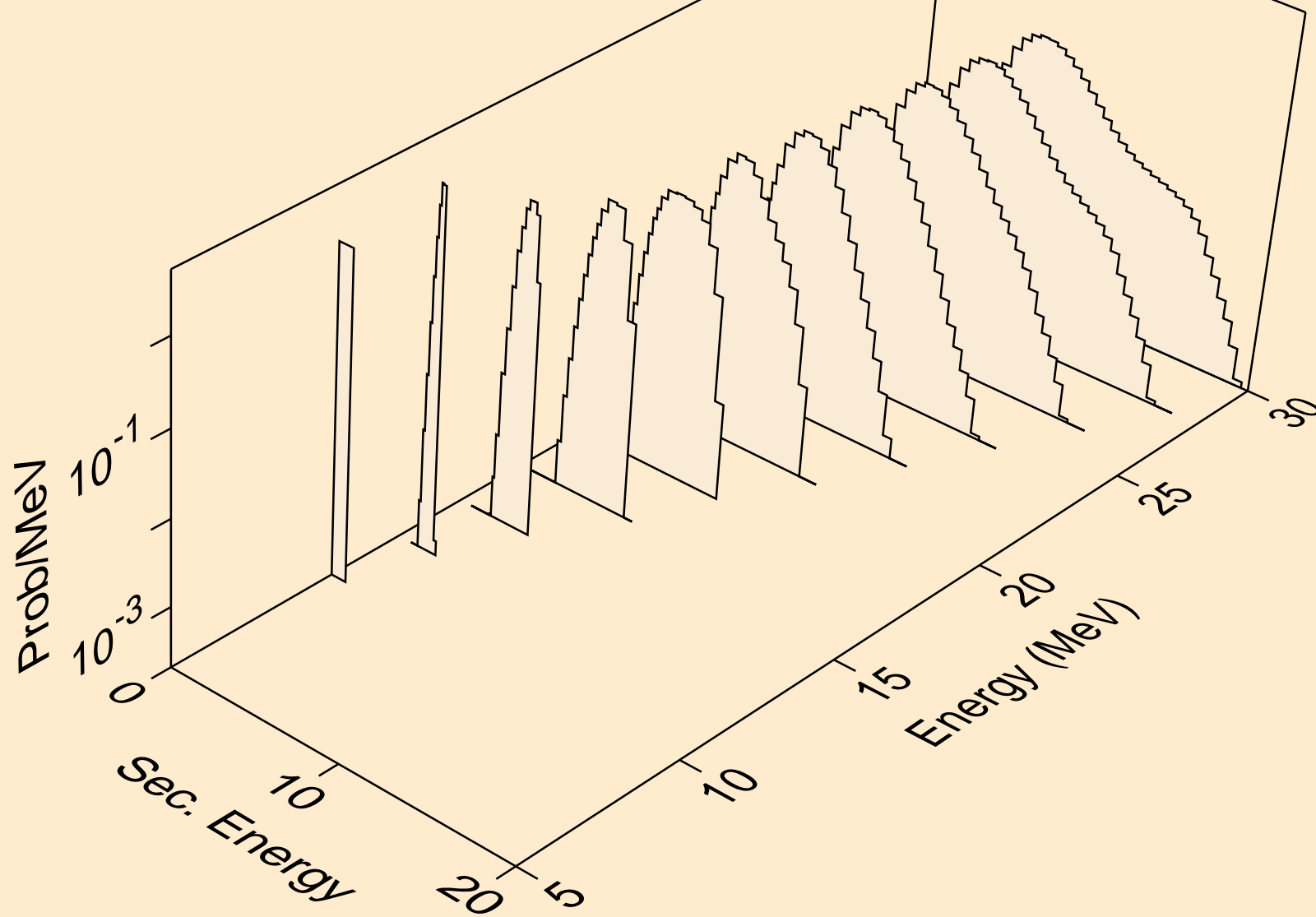
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

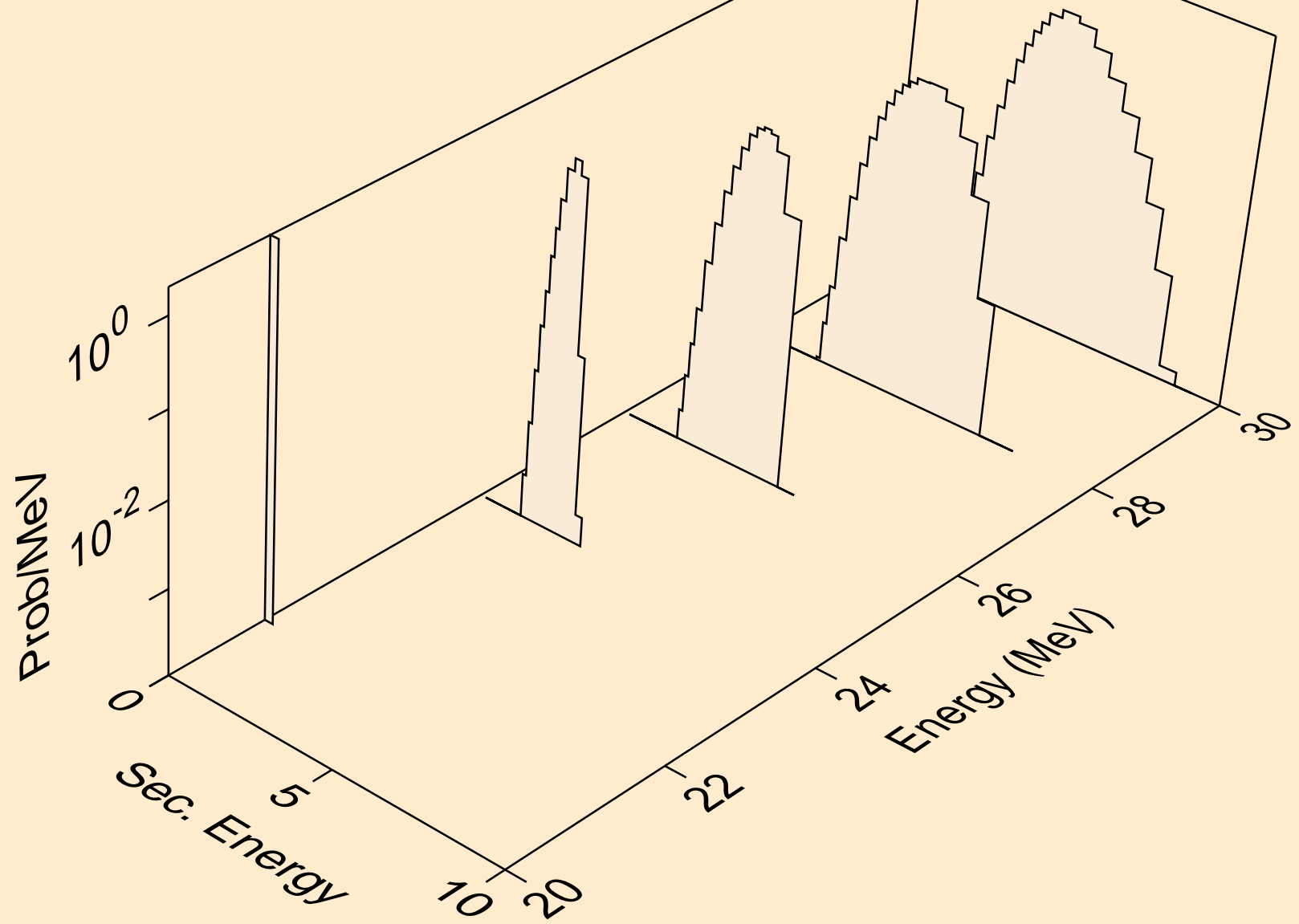


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

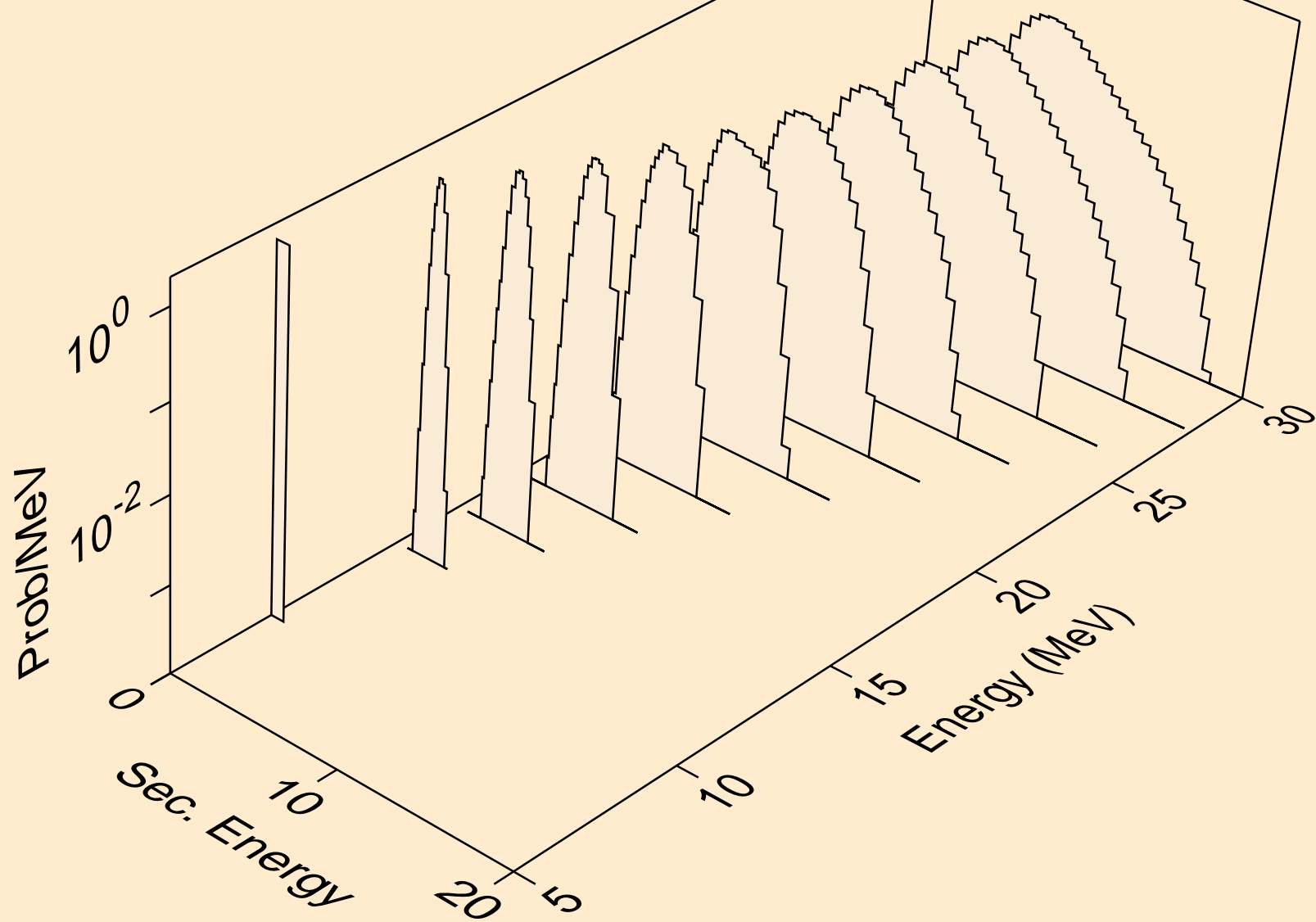




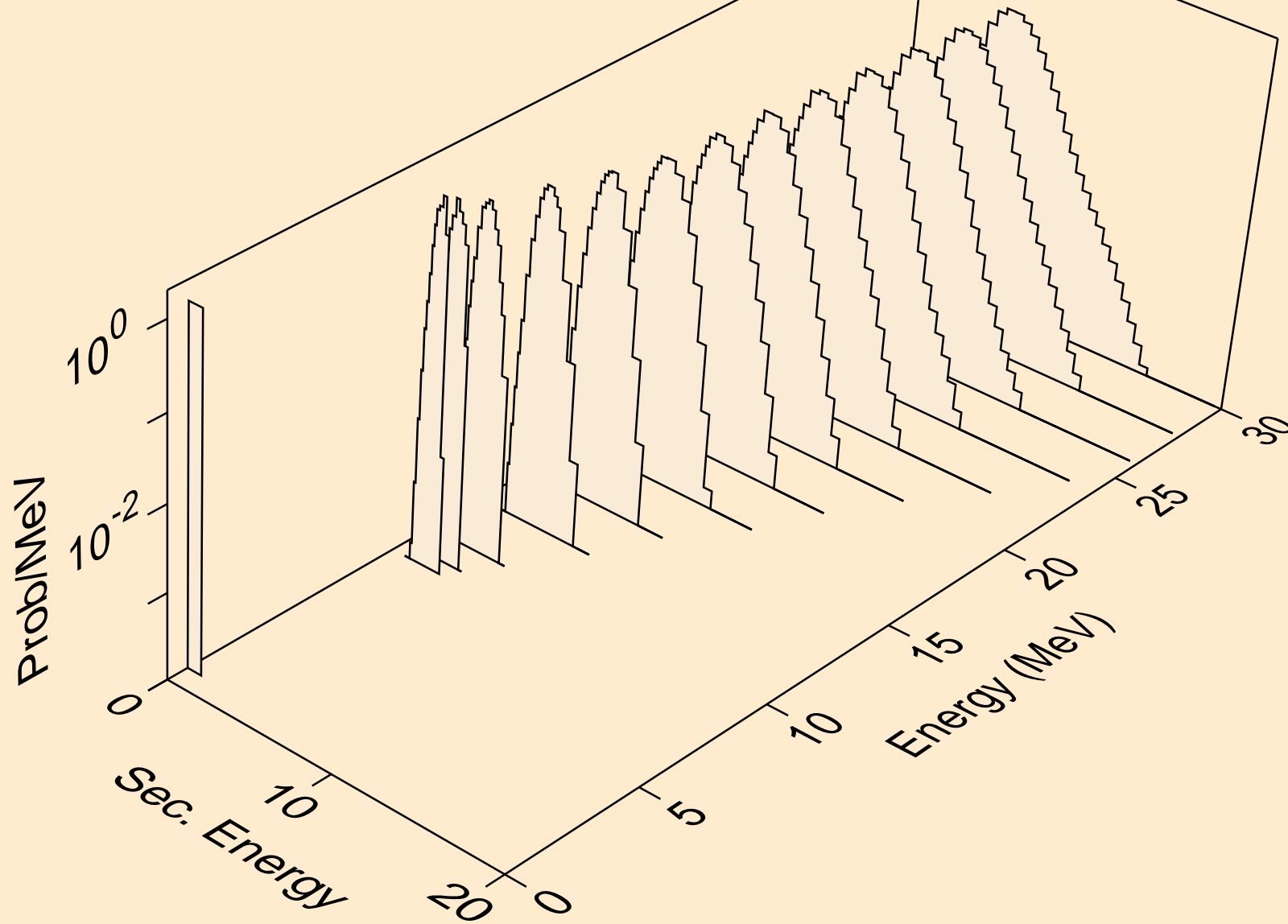
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



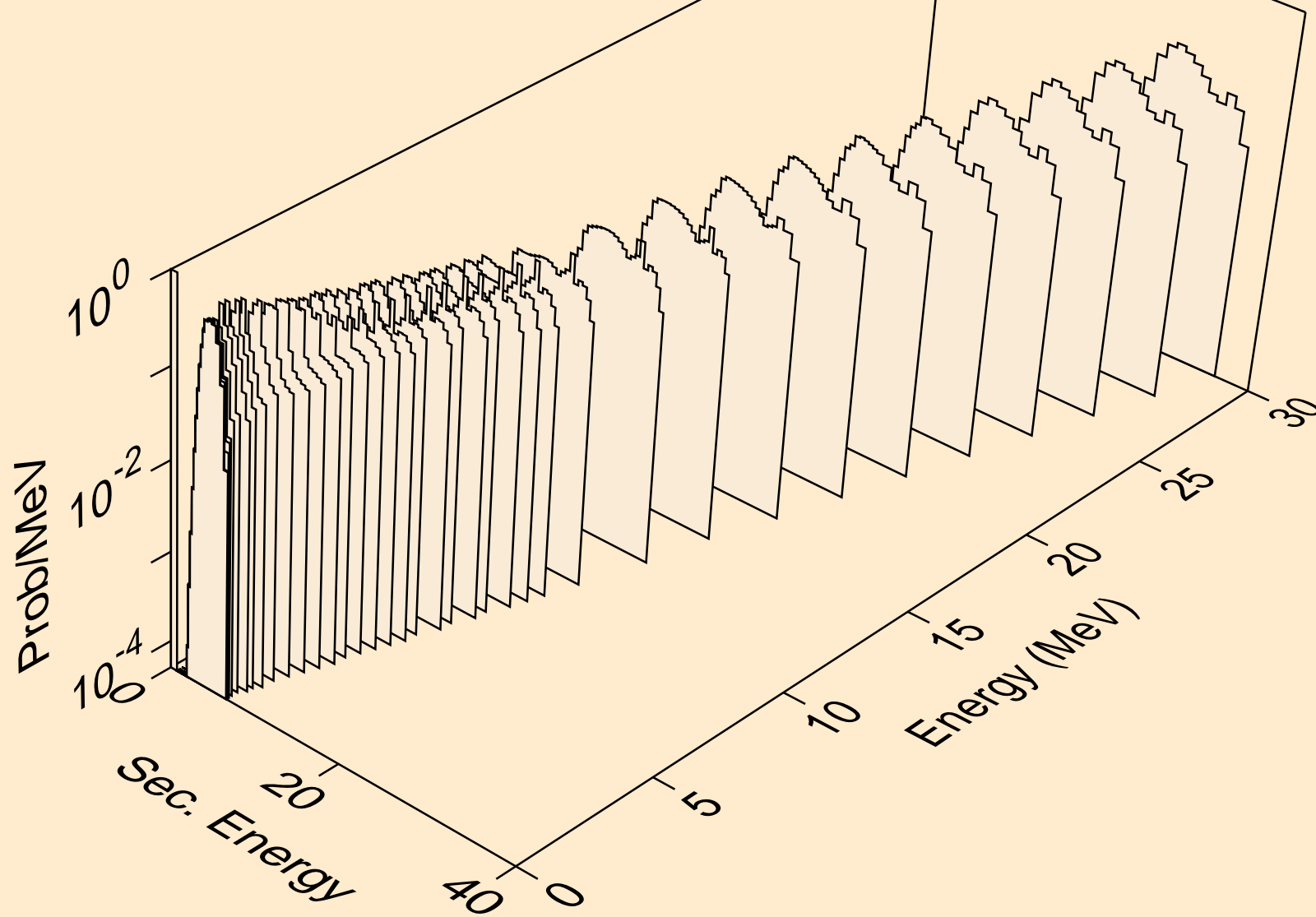
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



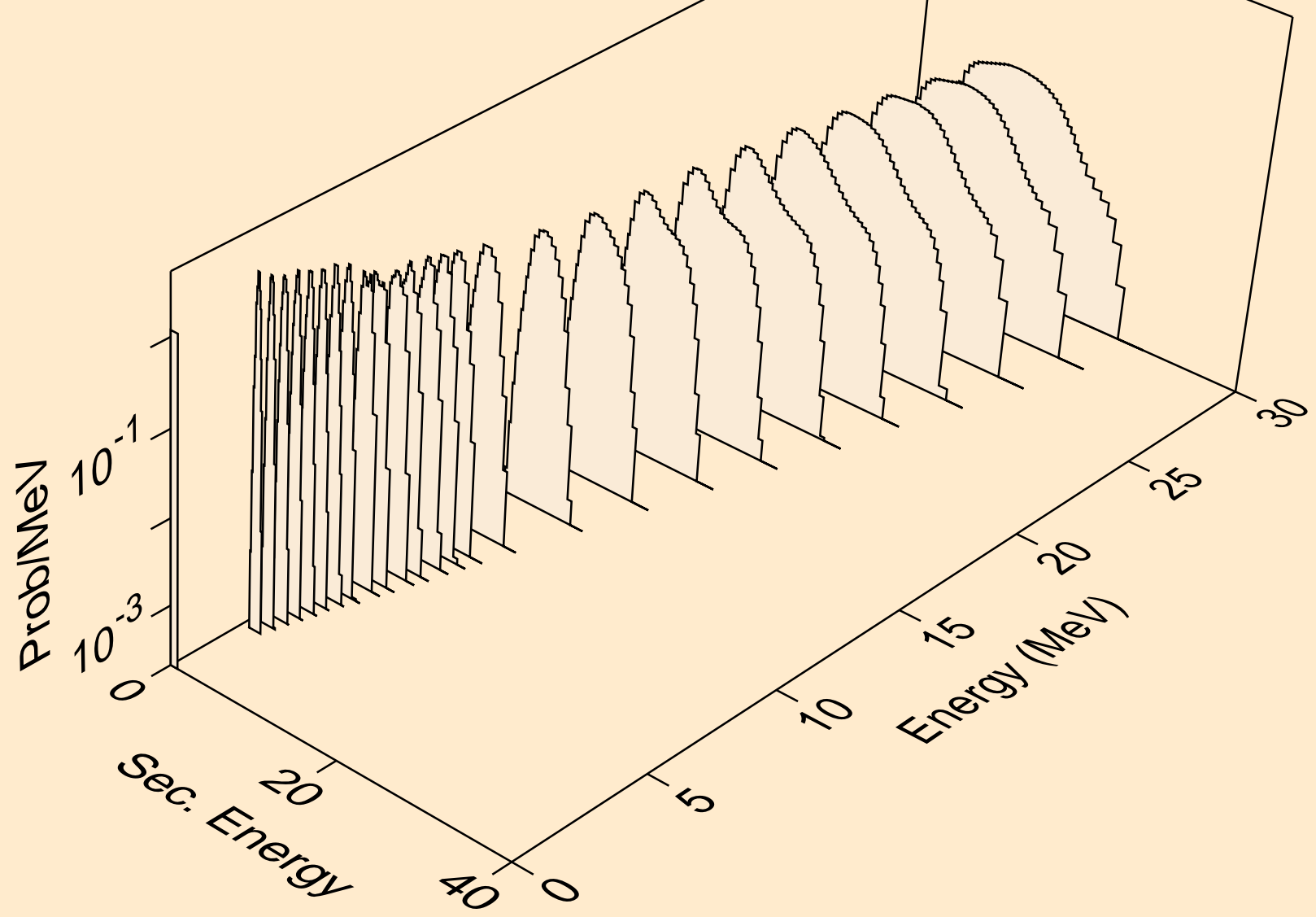
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



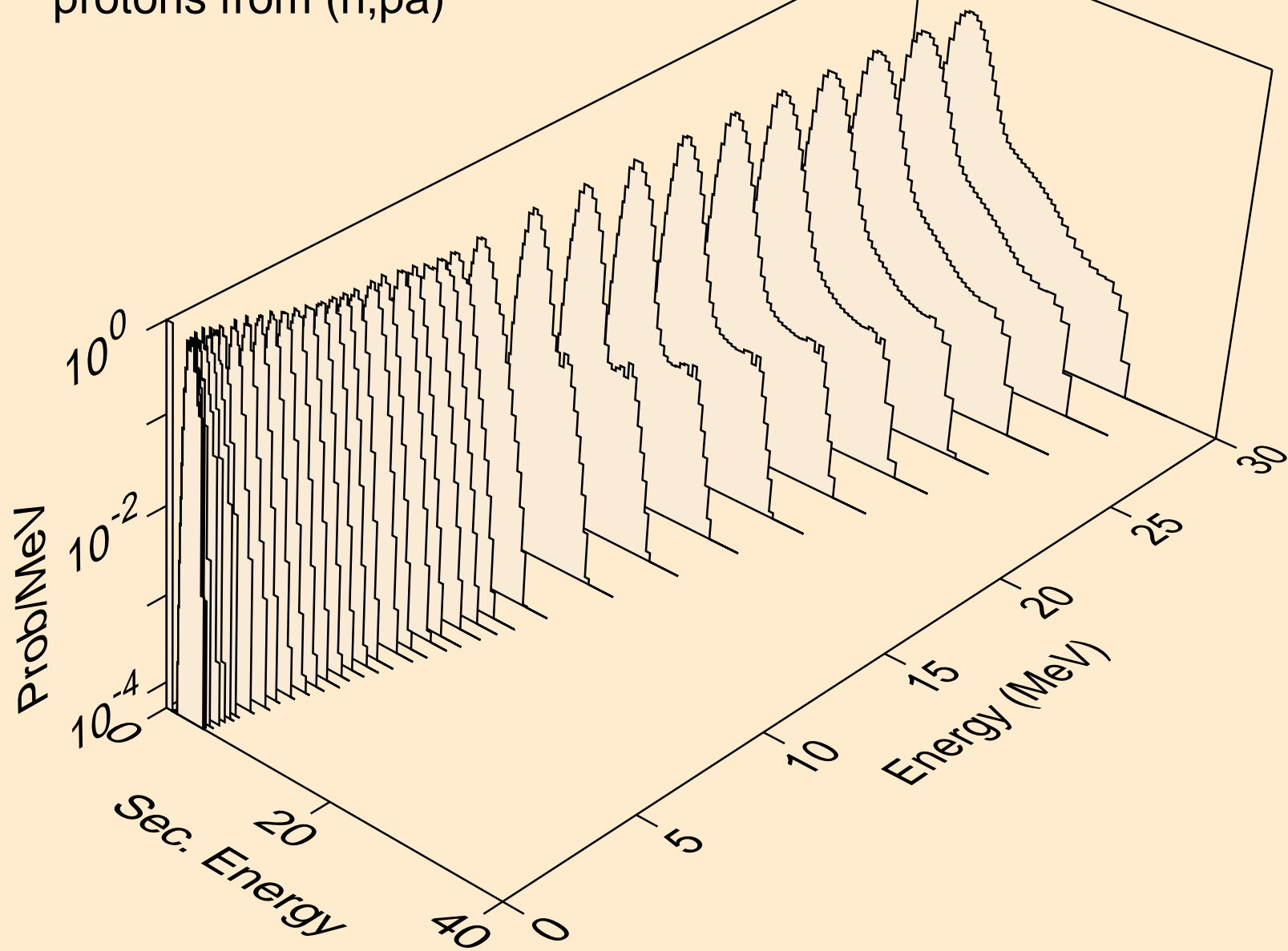
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



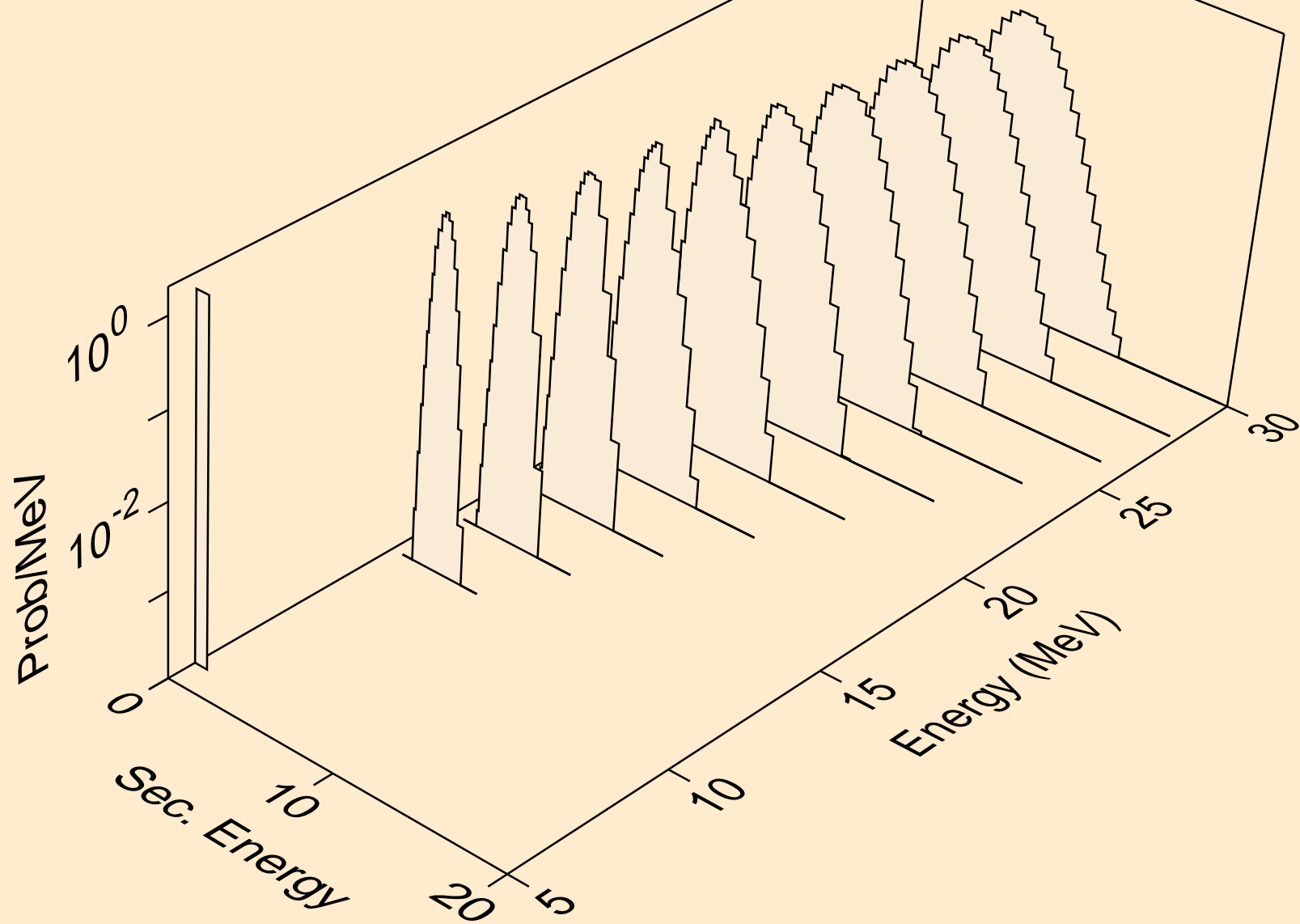
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



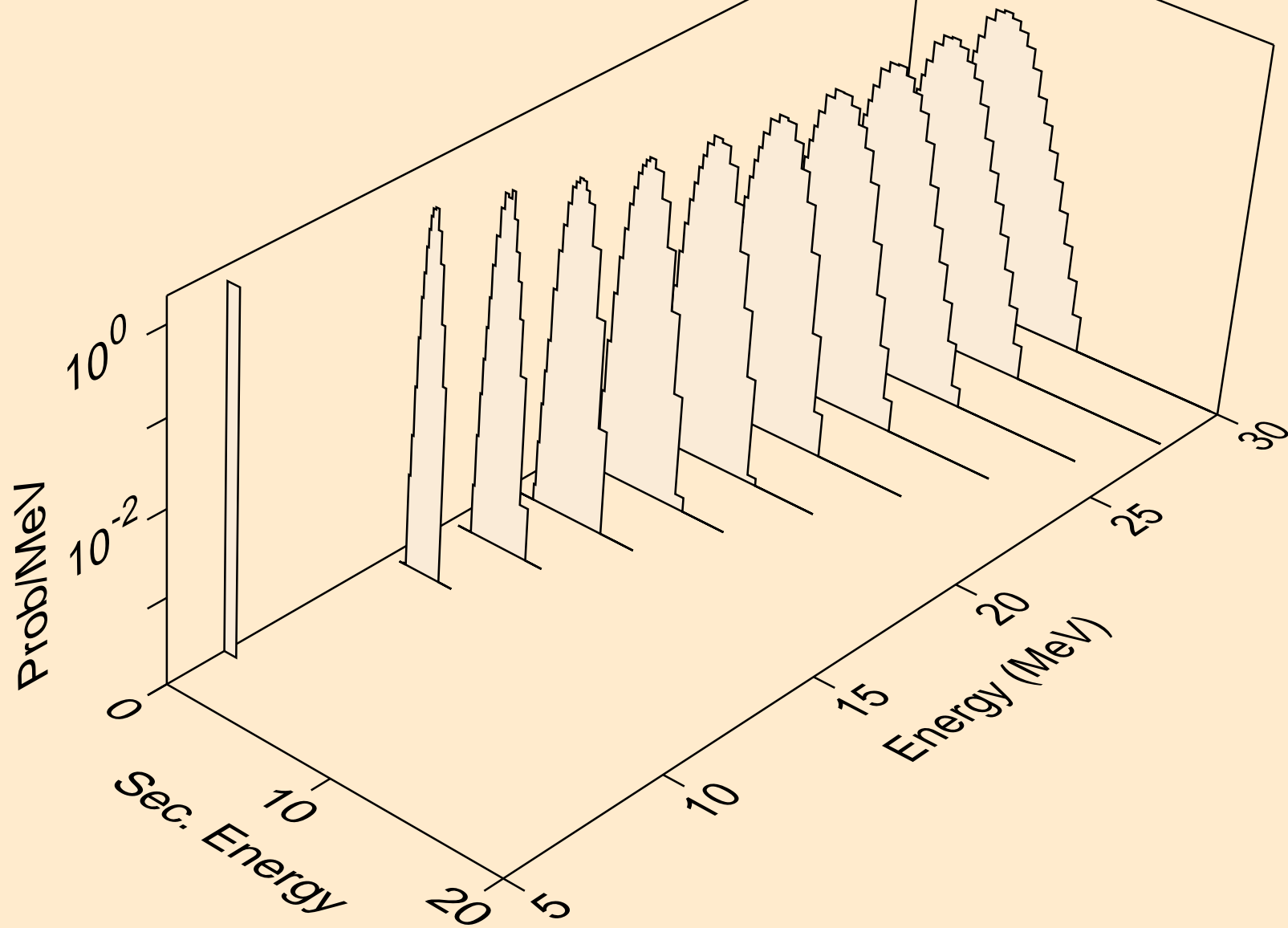
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protons from (n,p)



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

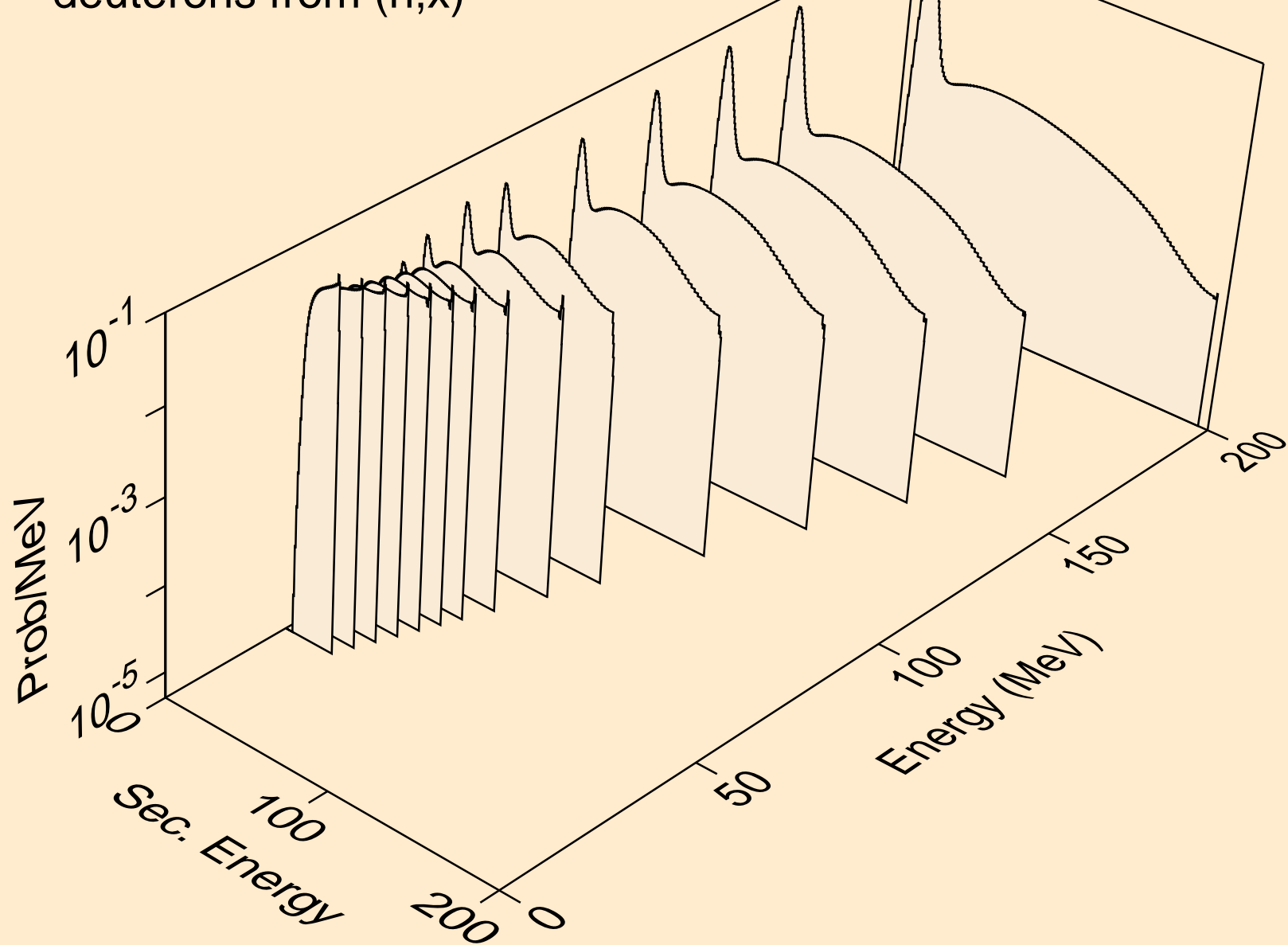


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

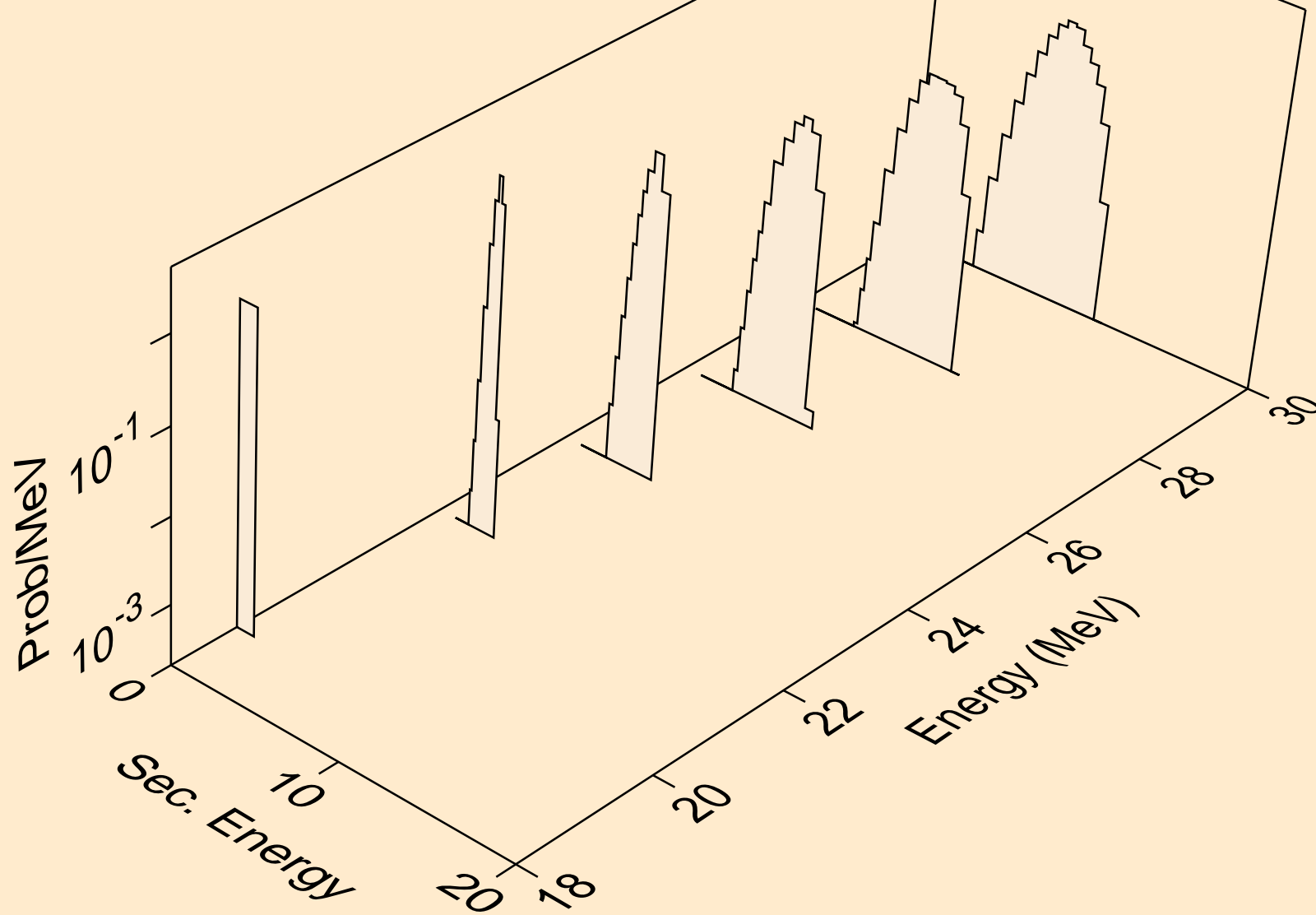




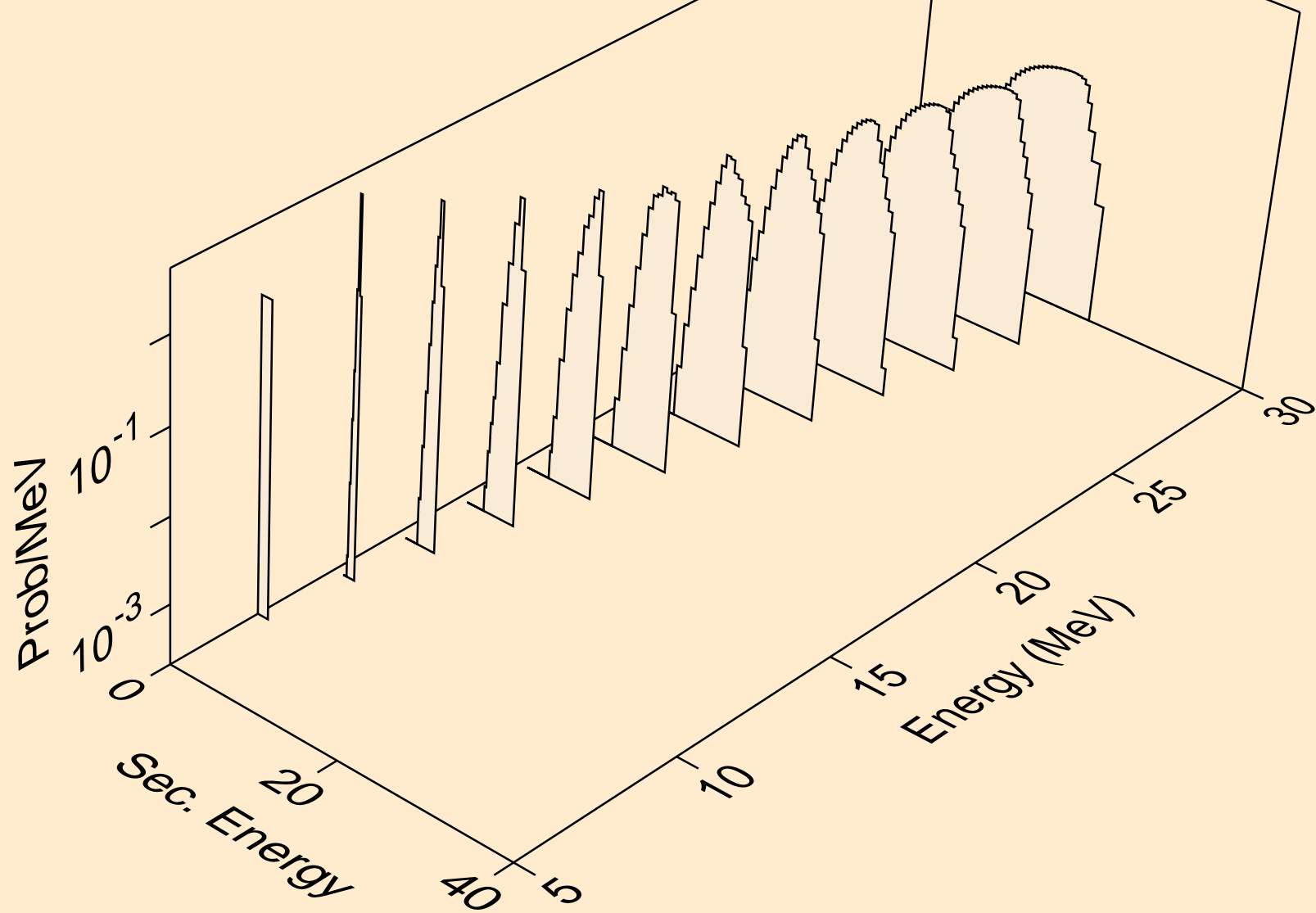
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



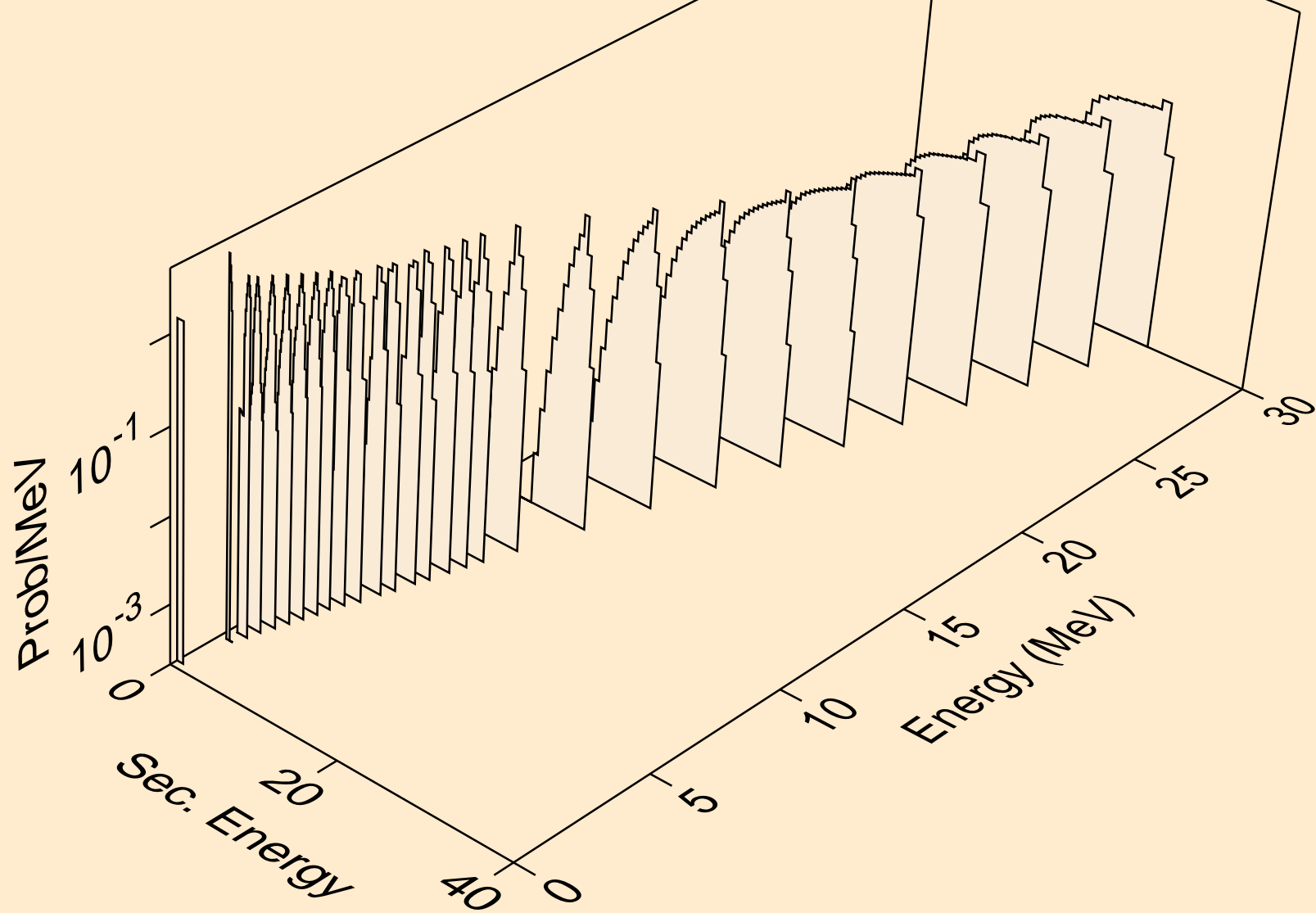
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



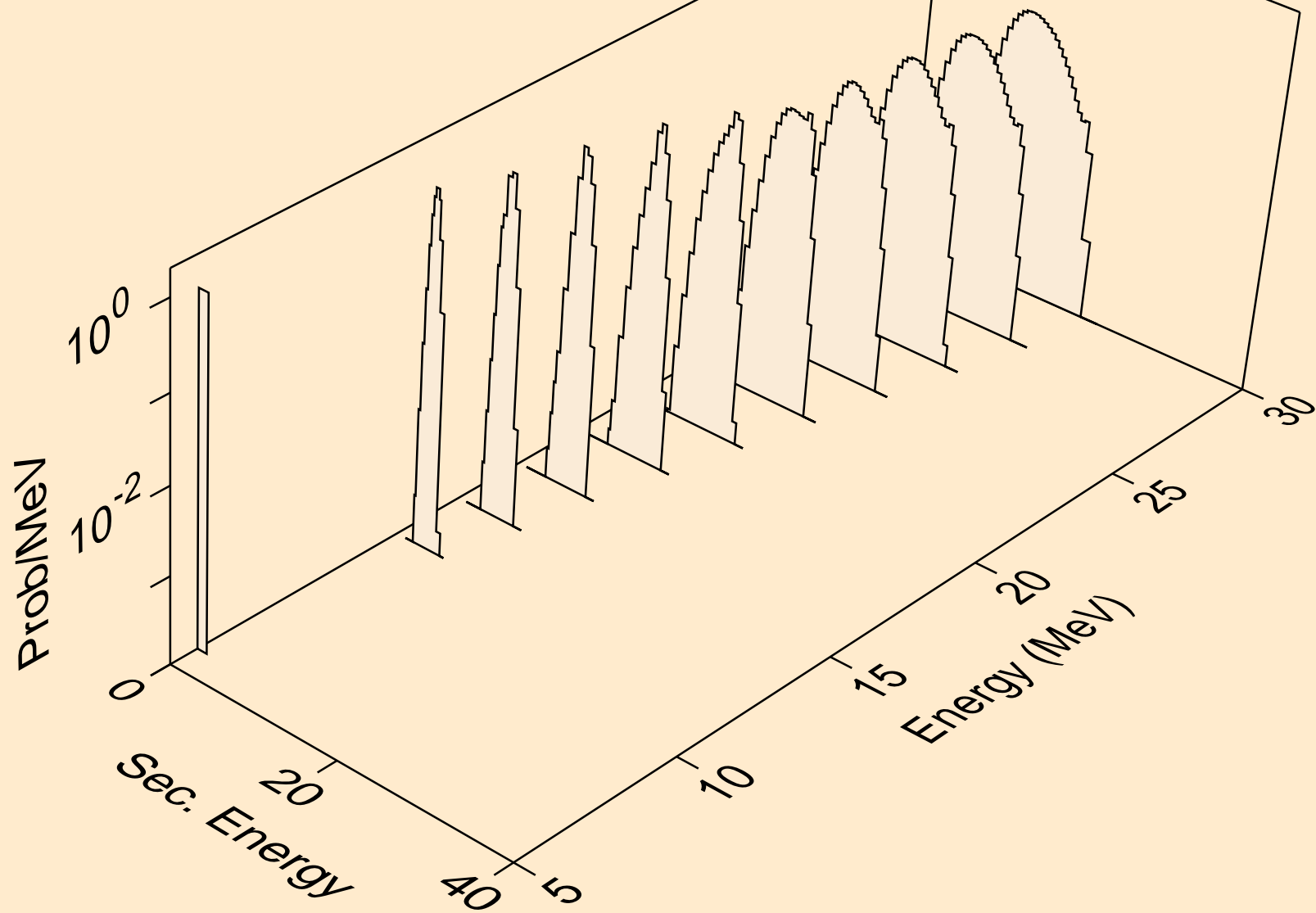
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



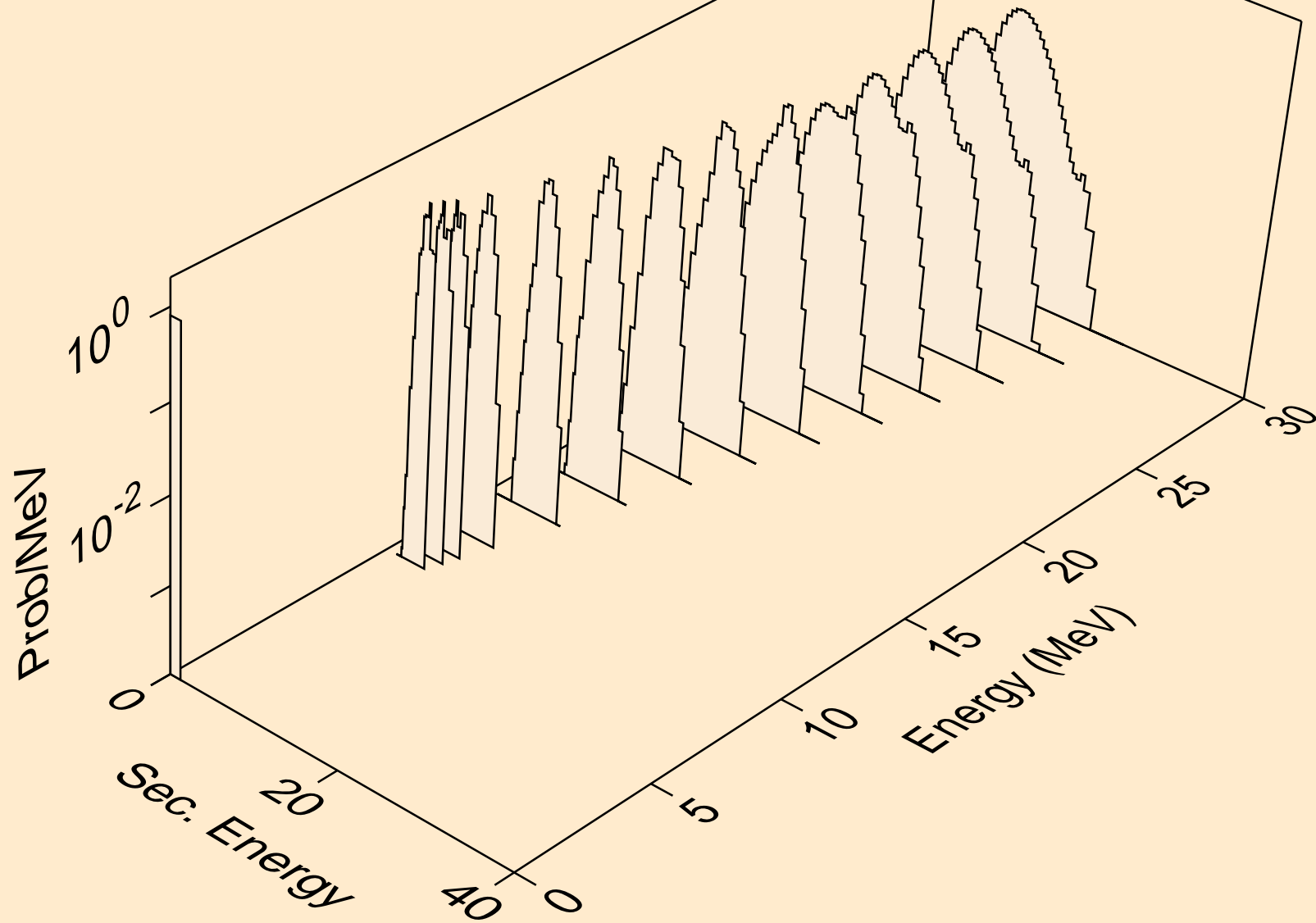
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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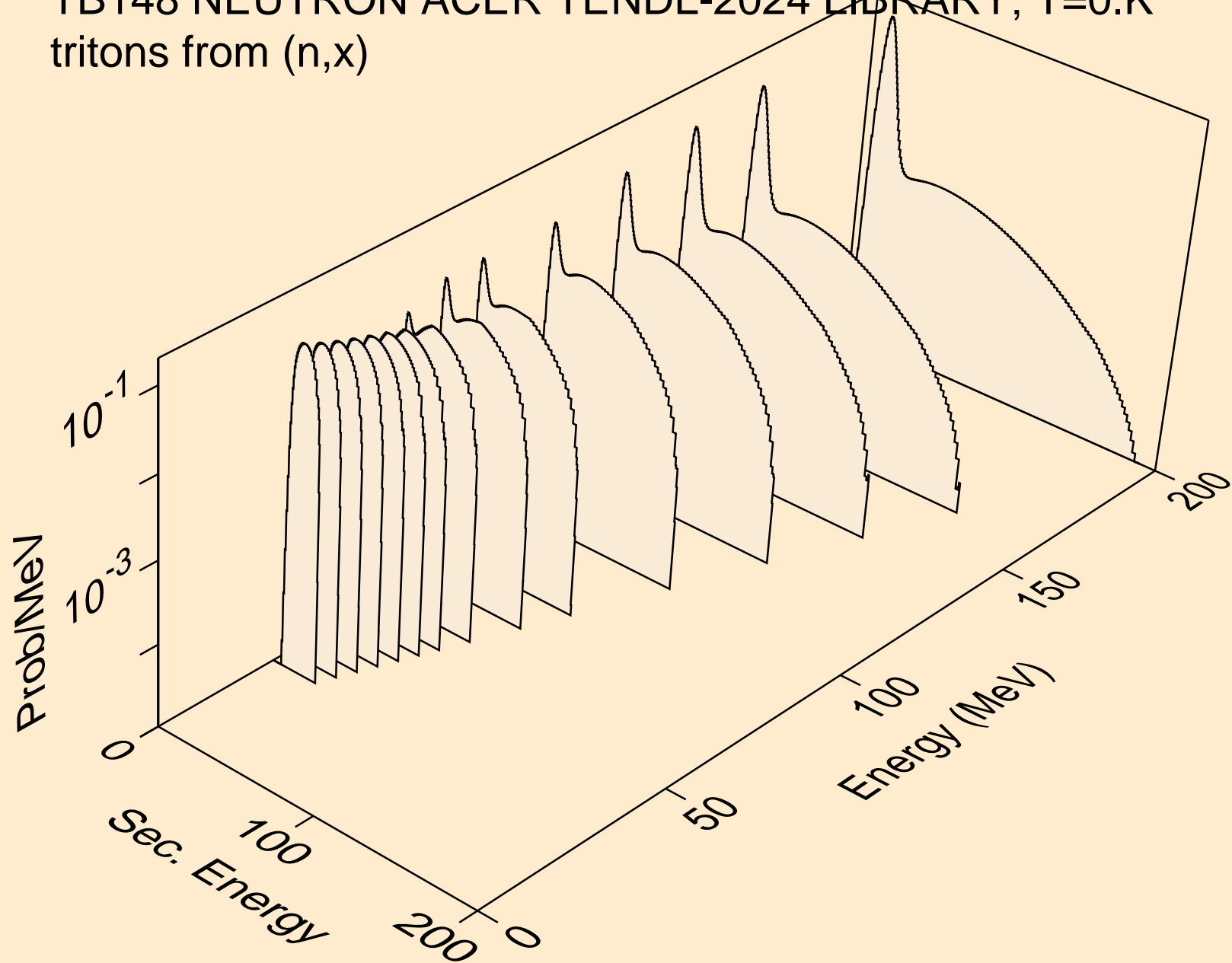
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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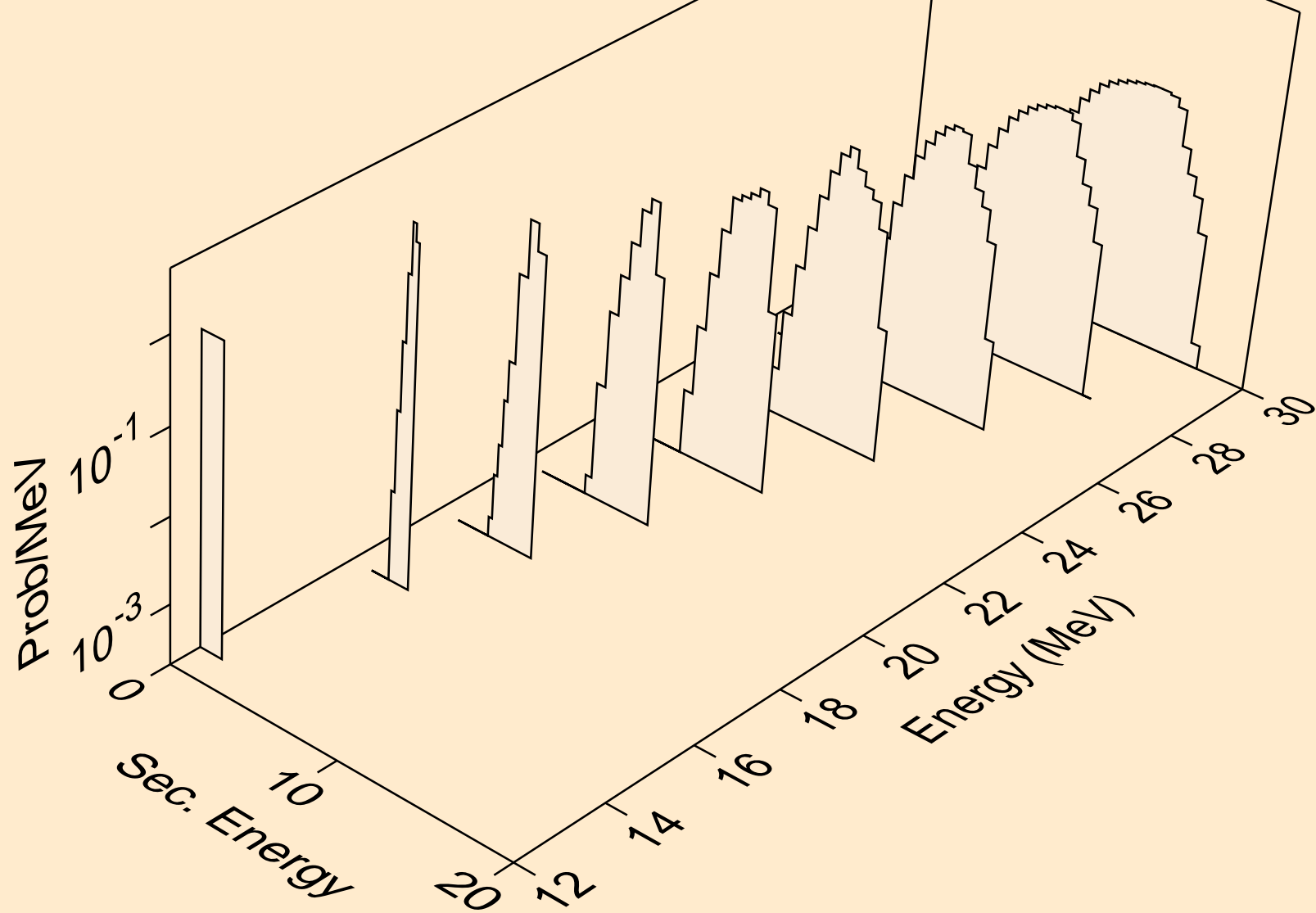
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

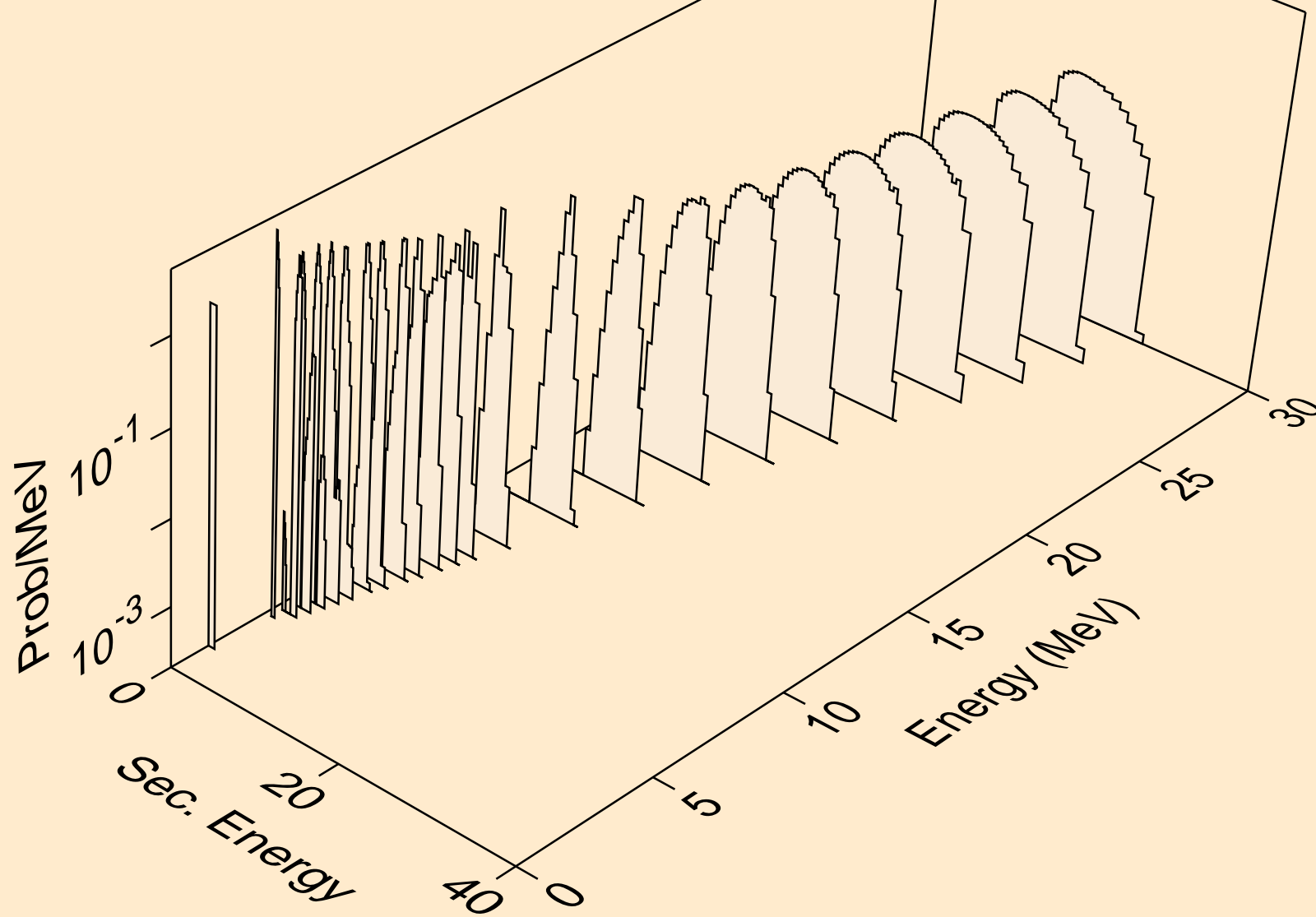


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

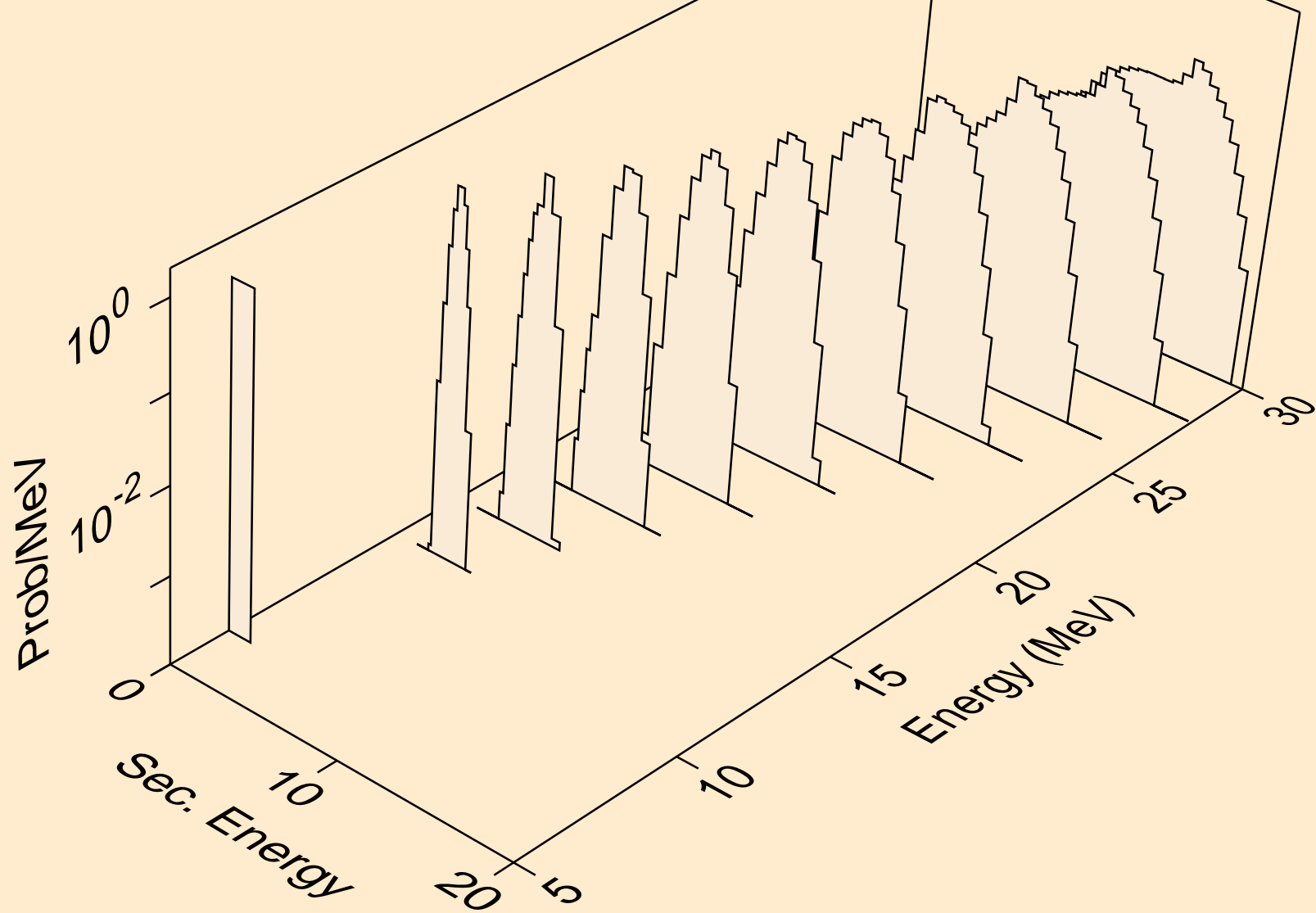




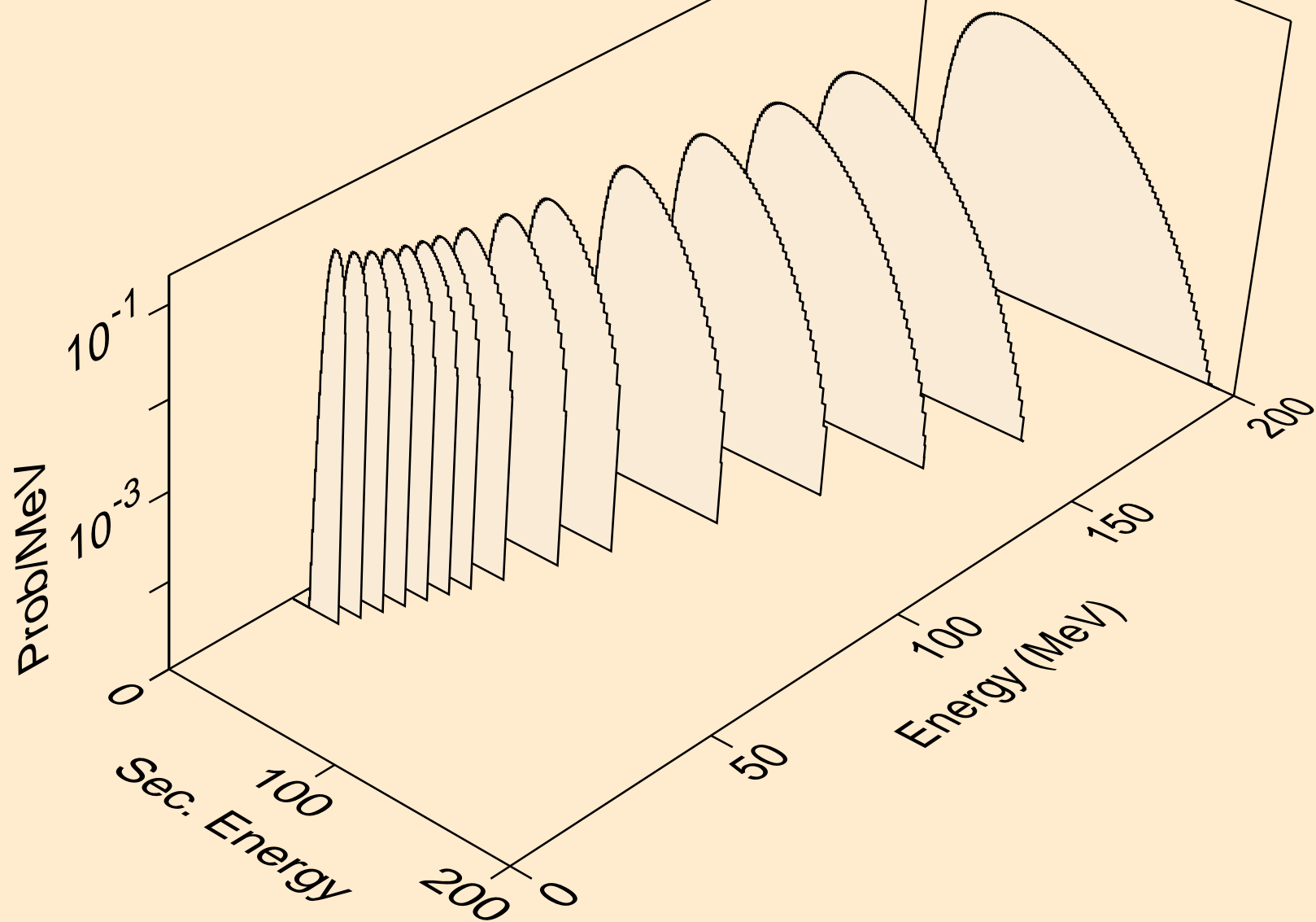
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



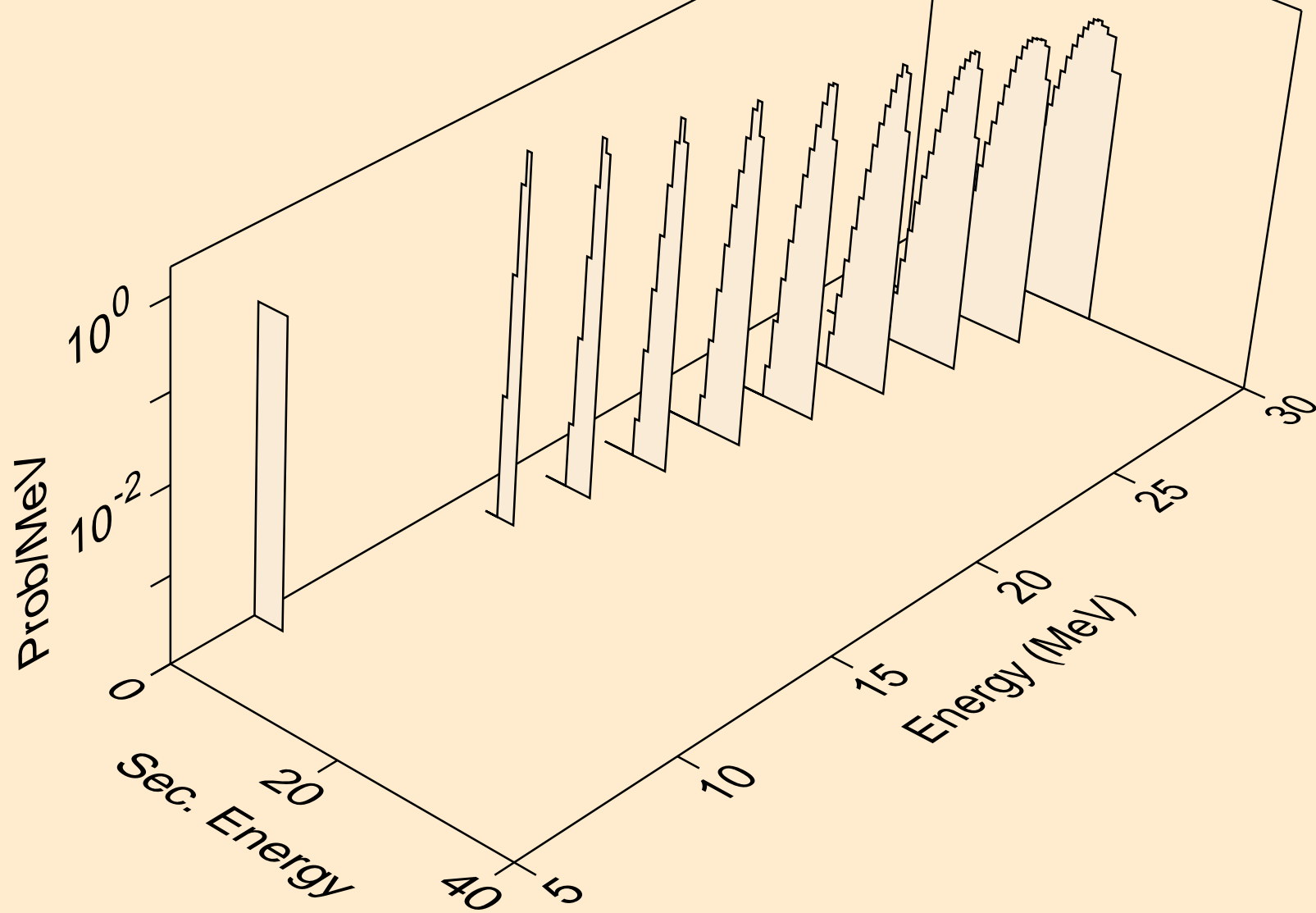
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



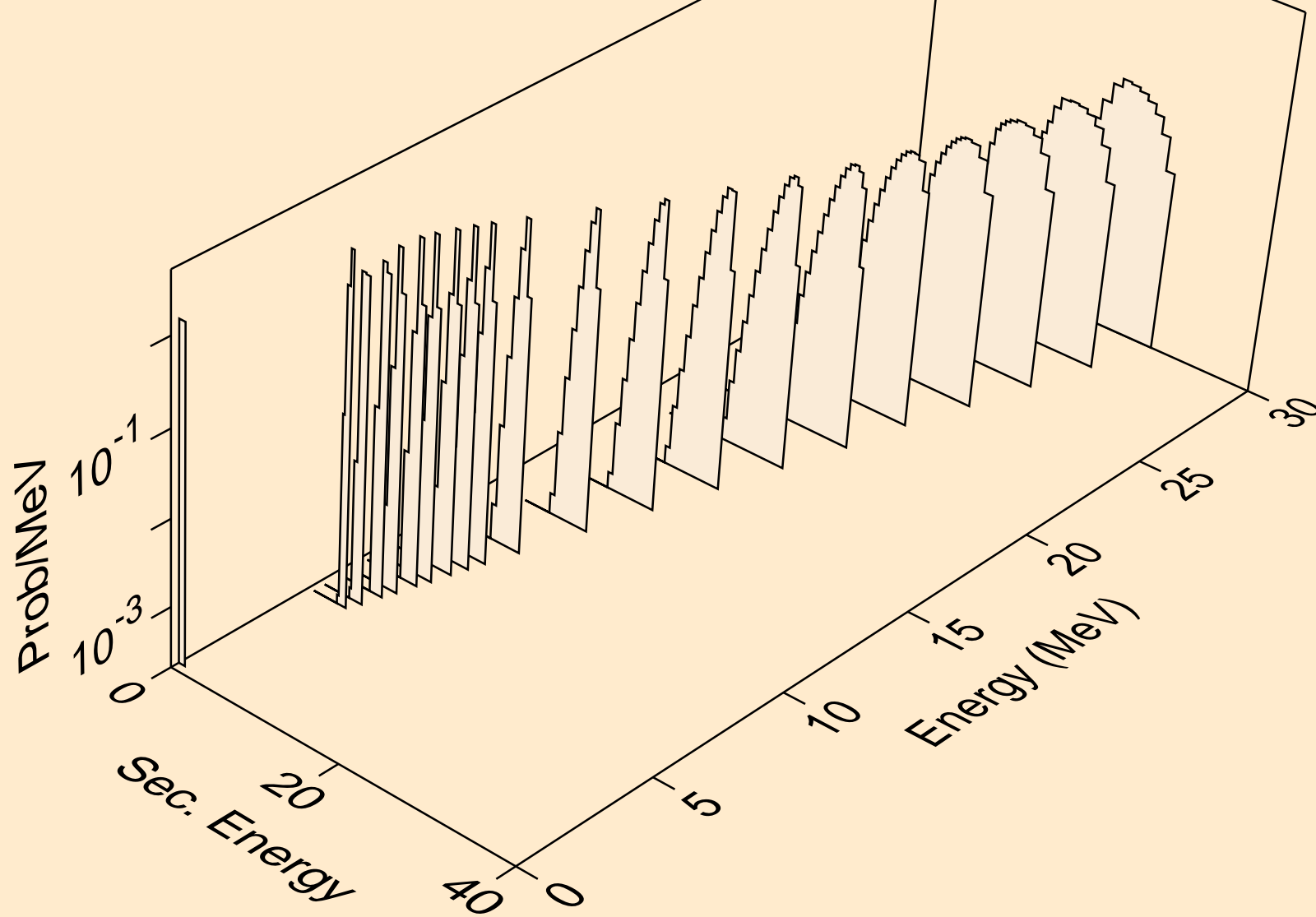
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



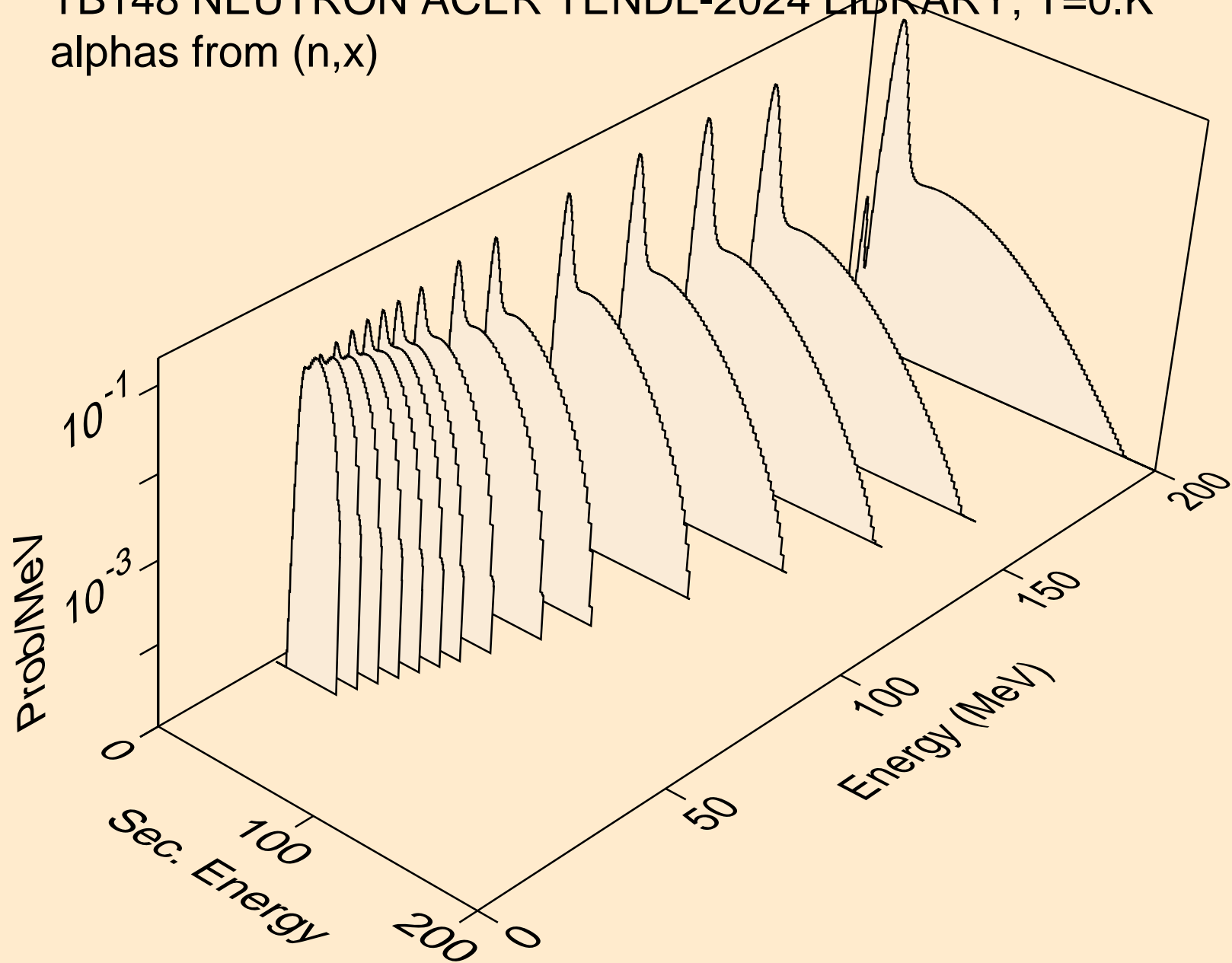
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



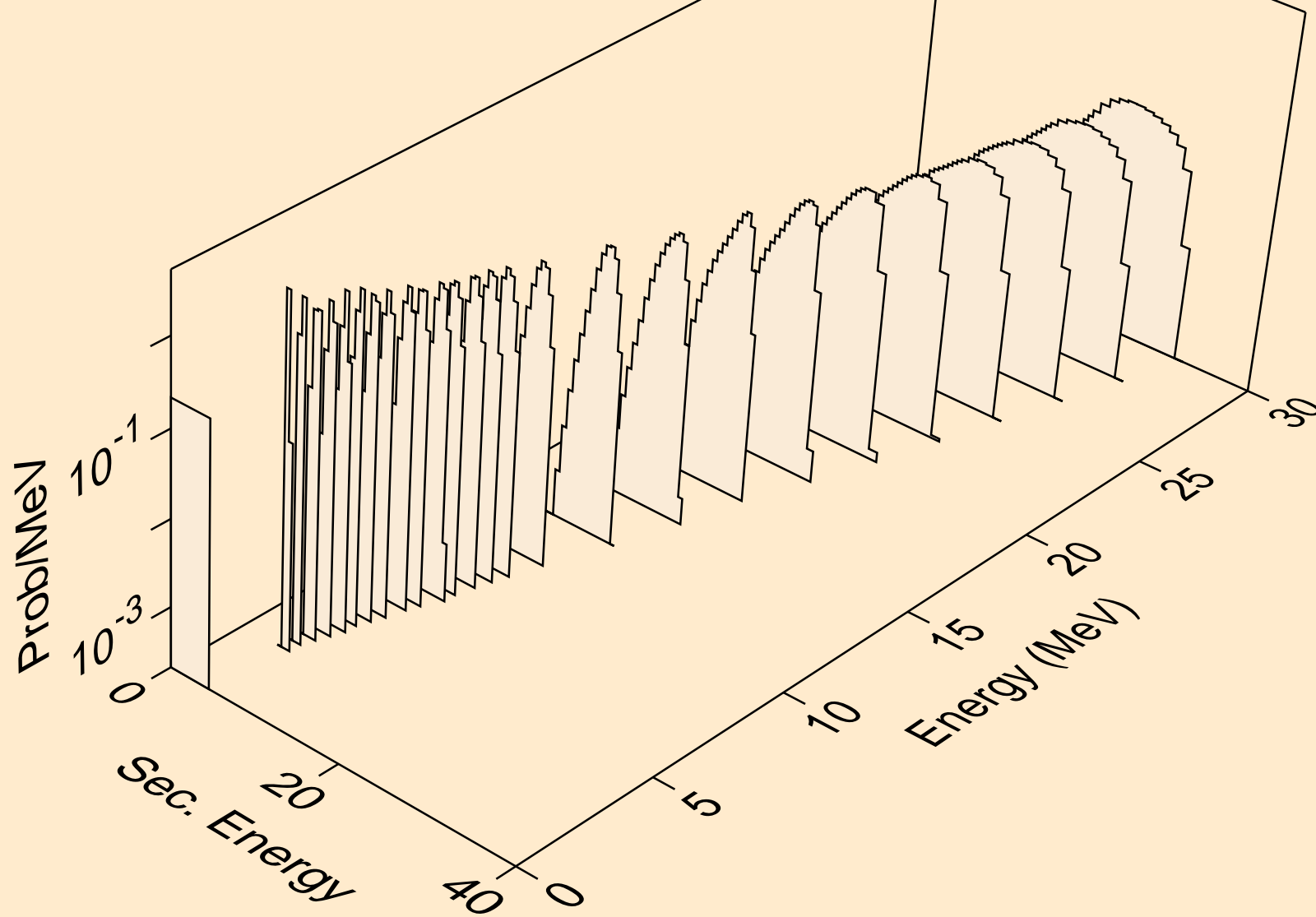
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



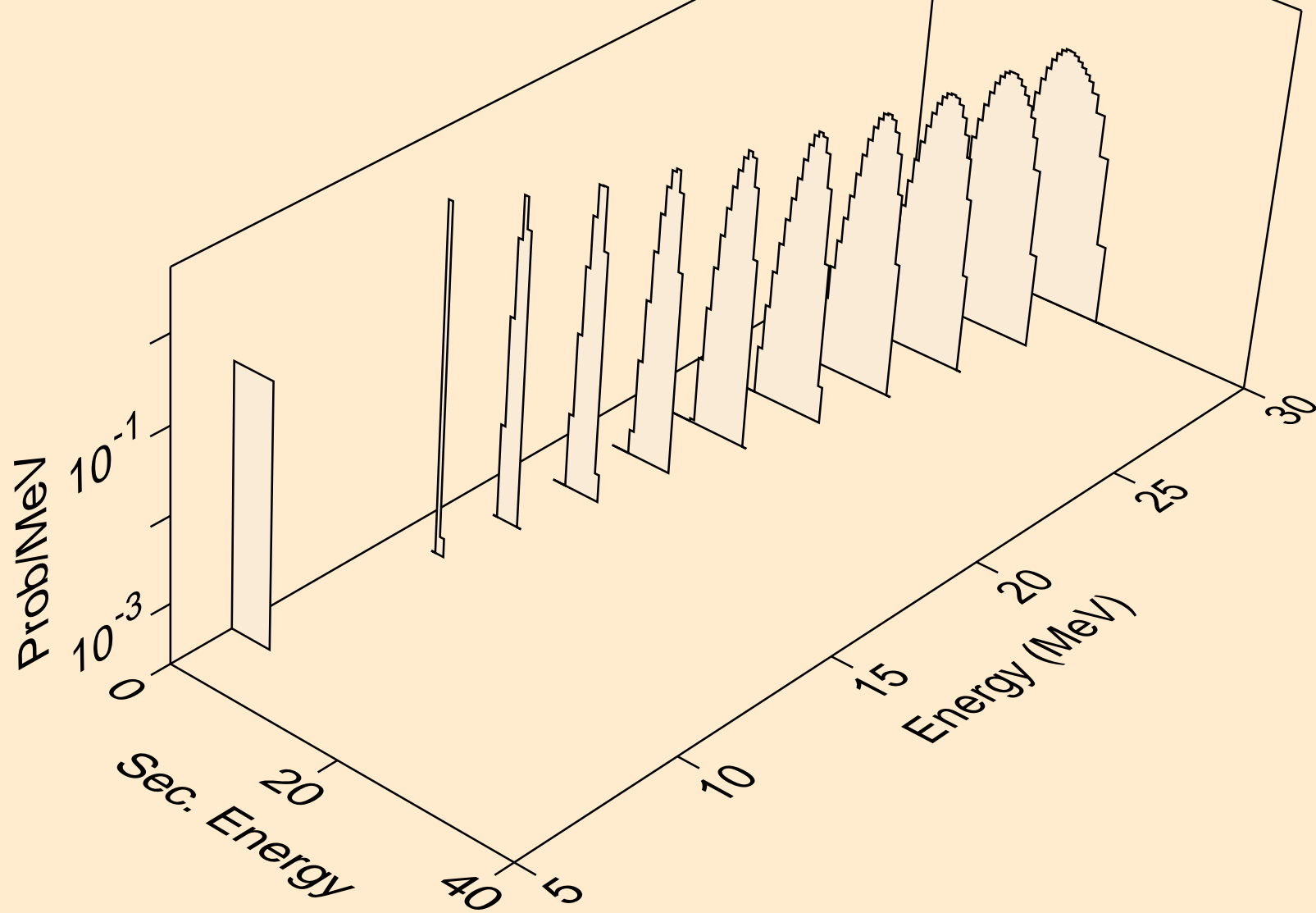
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

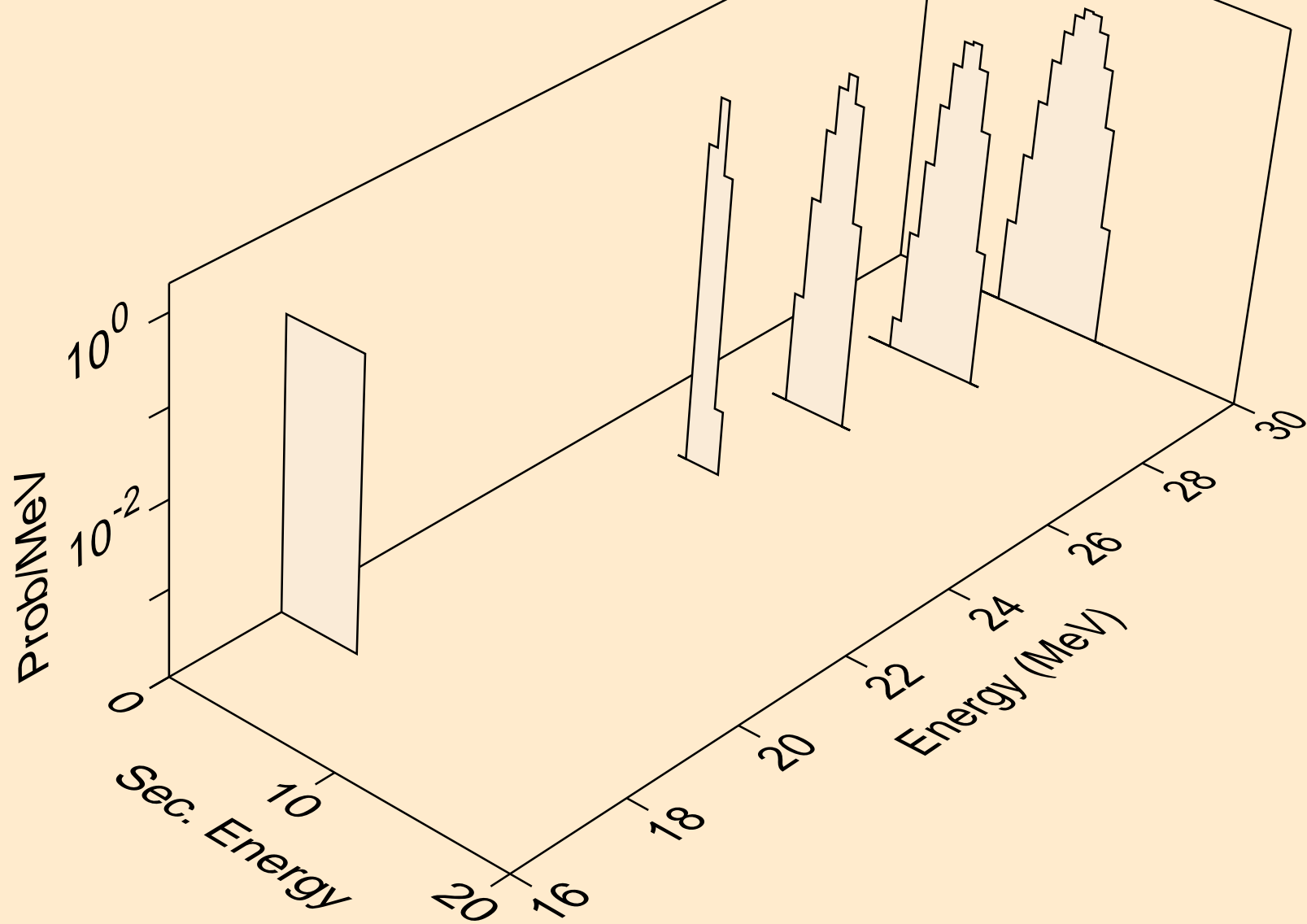


TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

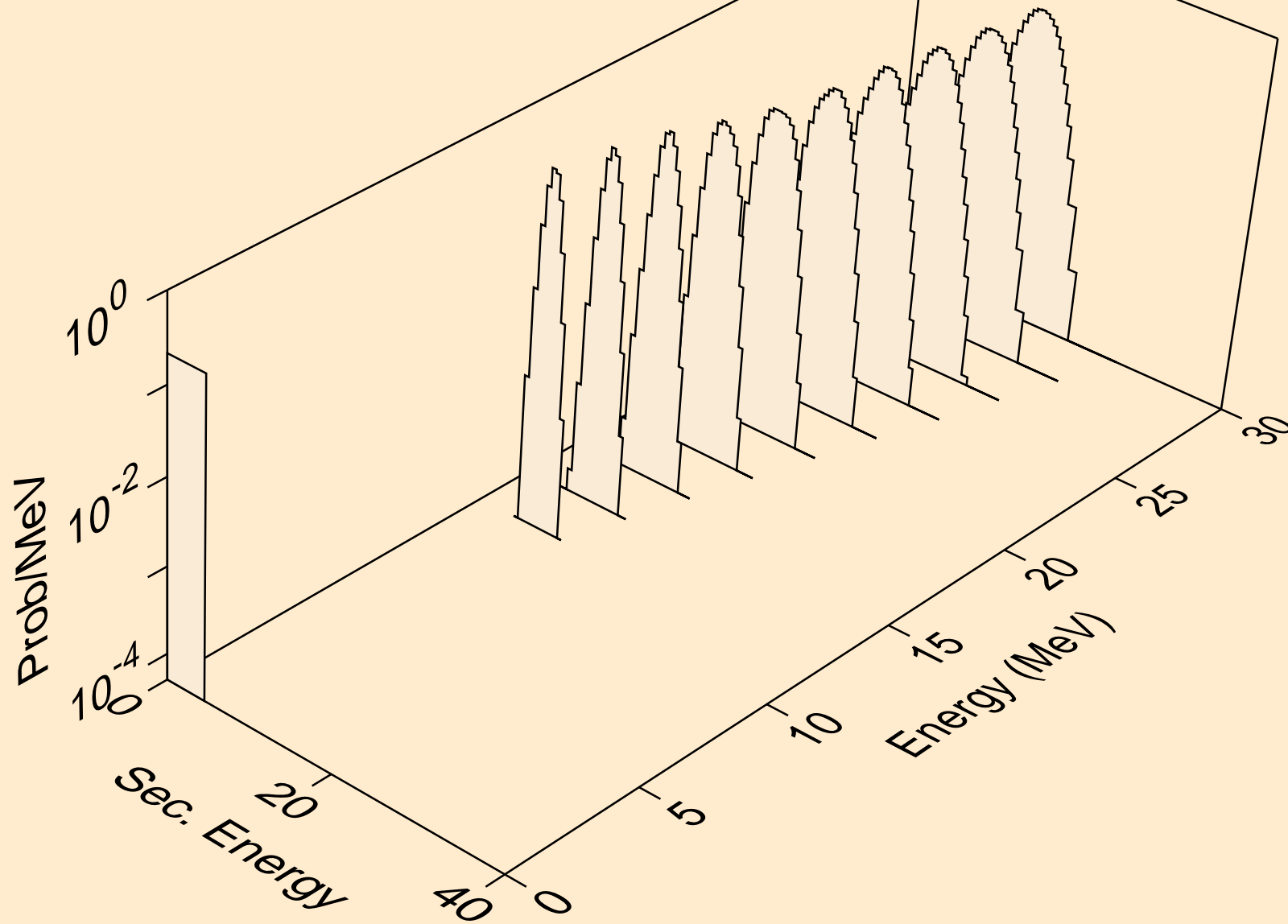




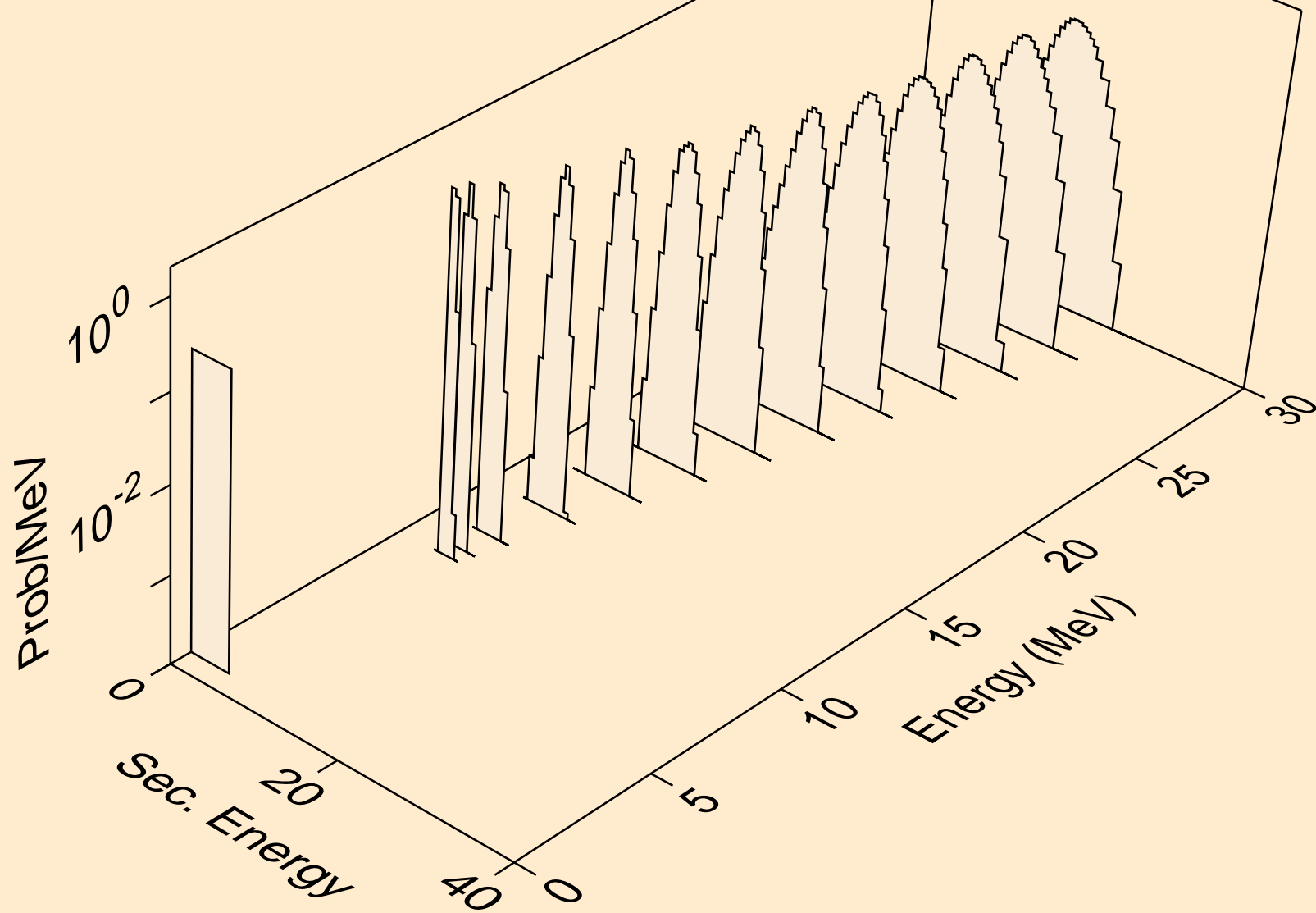
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



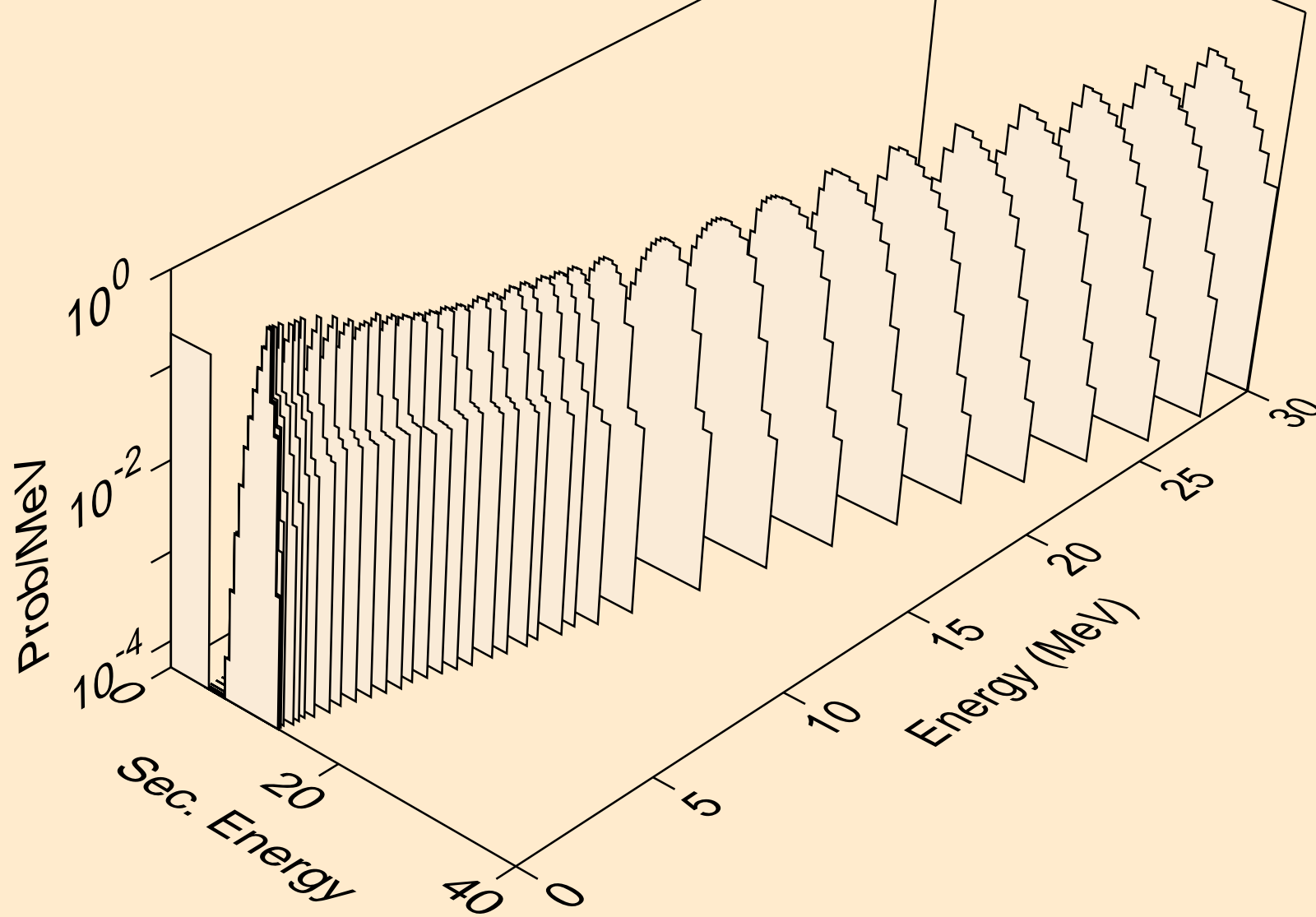
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



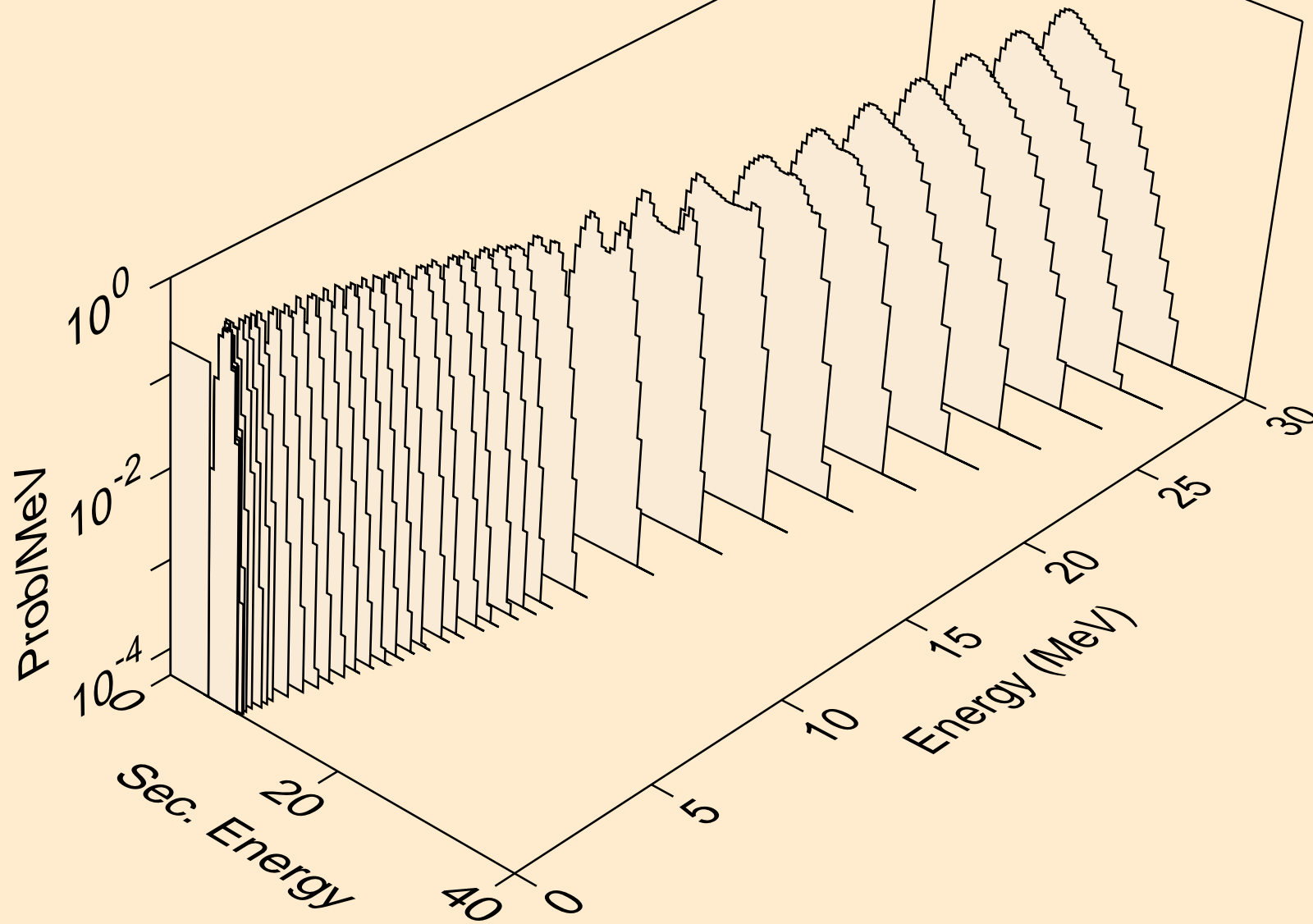
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



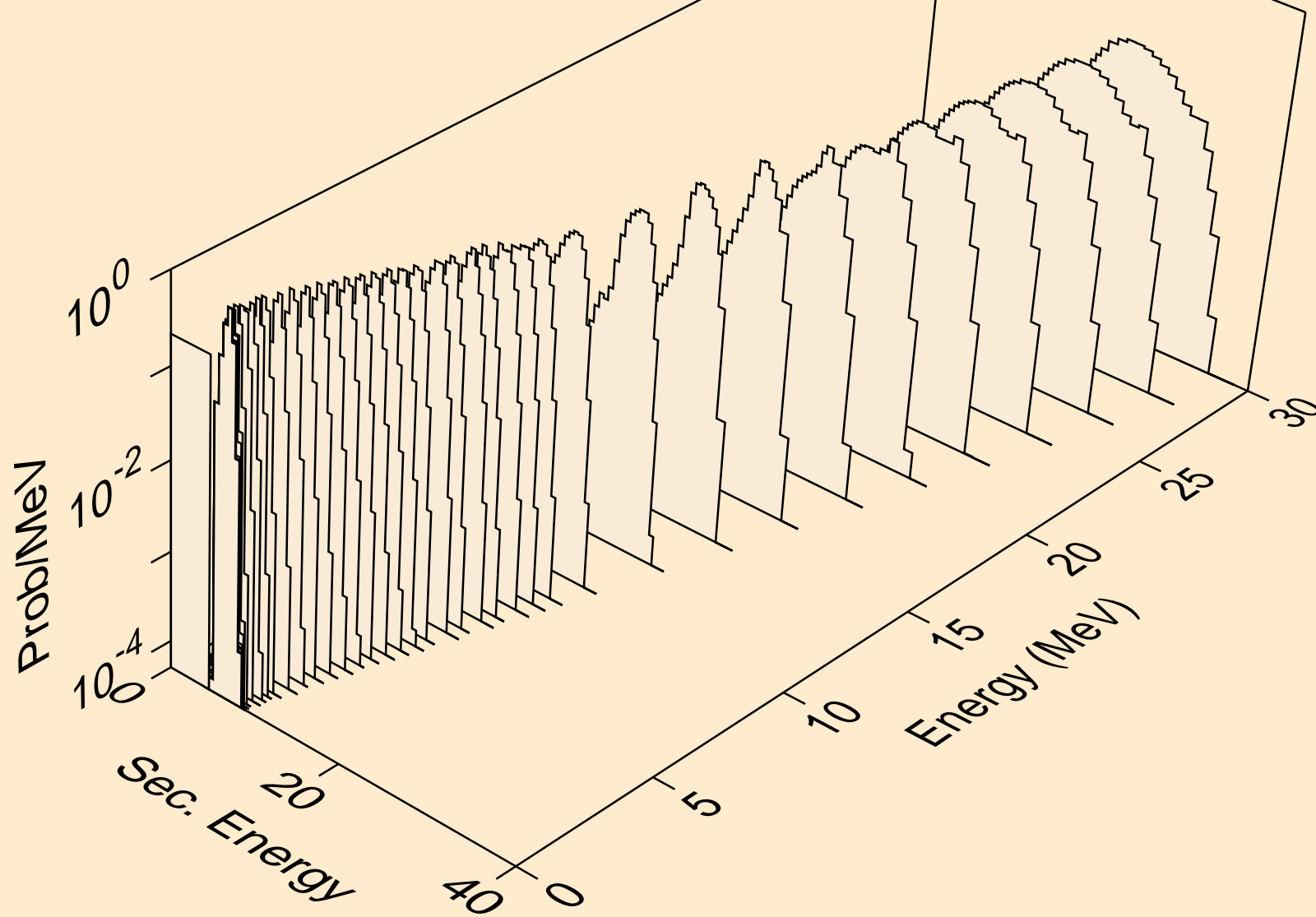
TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



TB148 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

