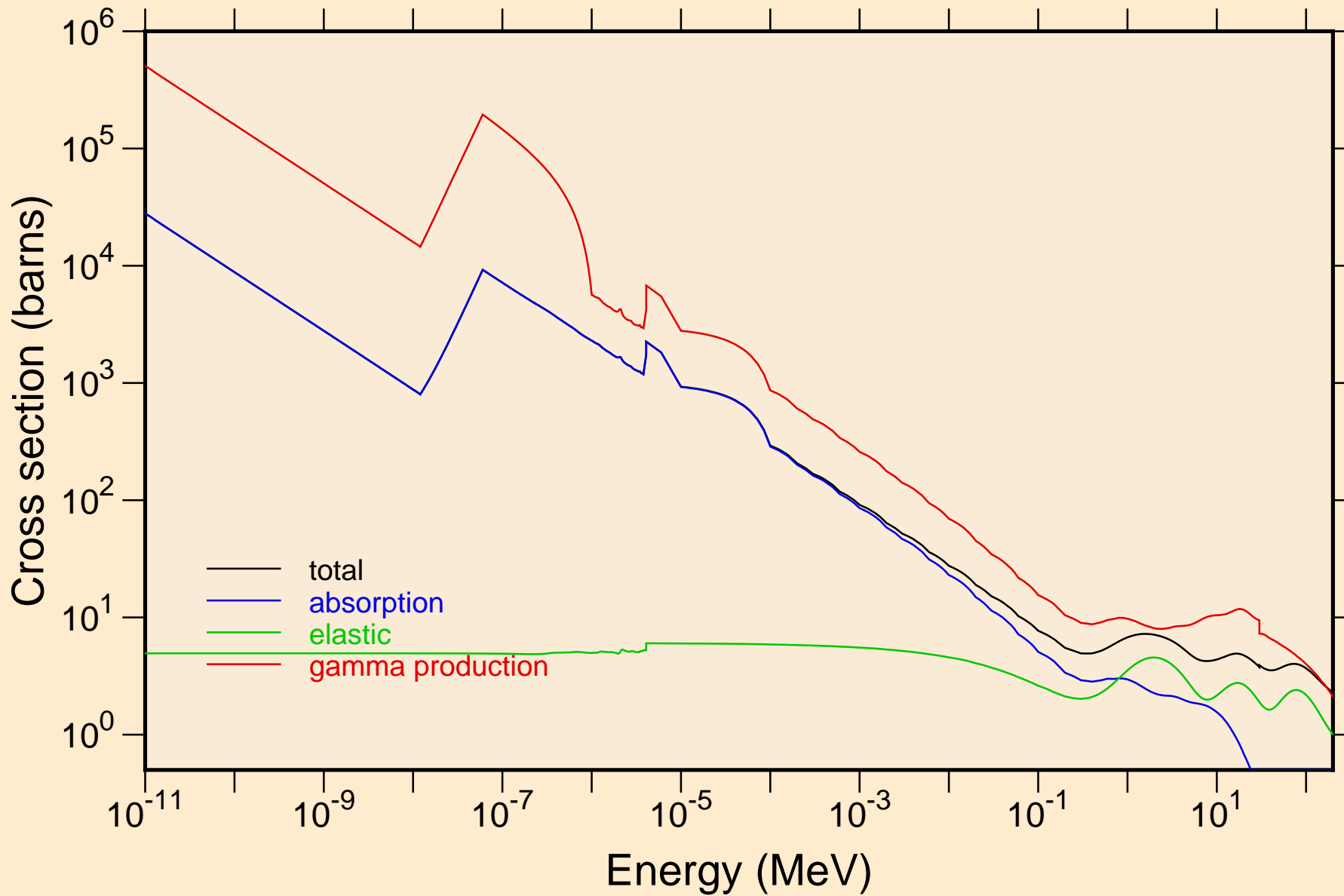


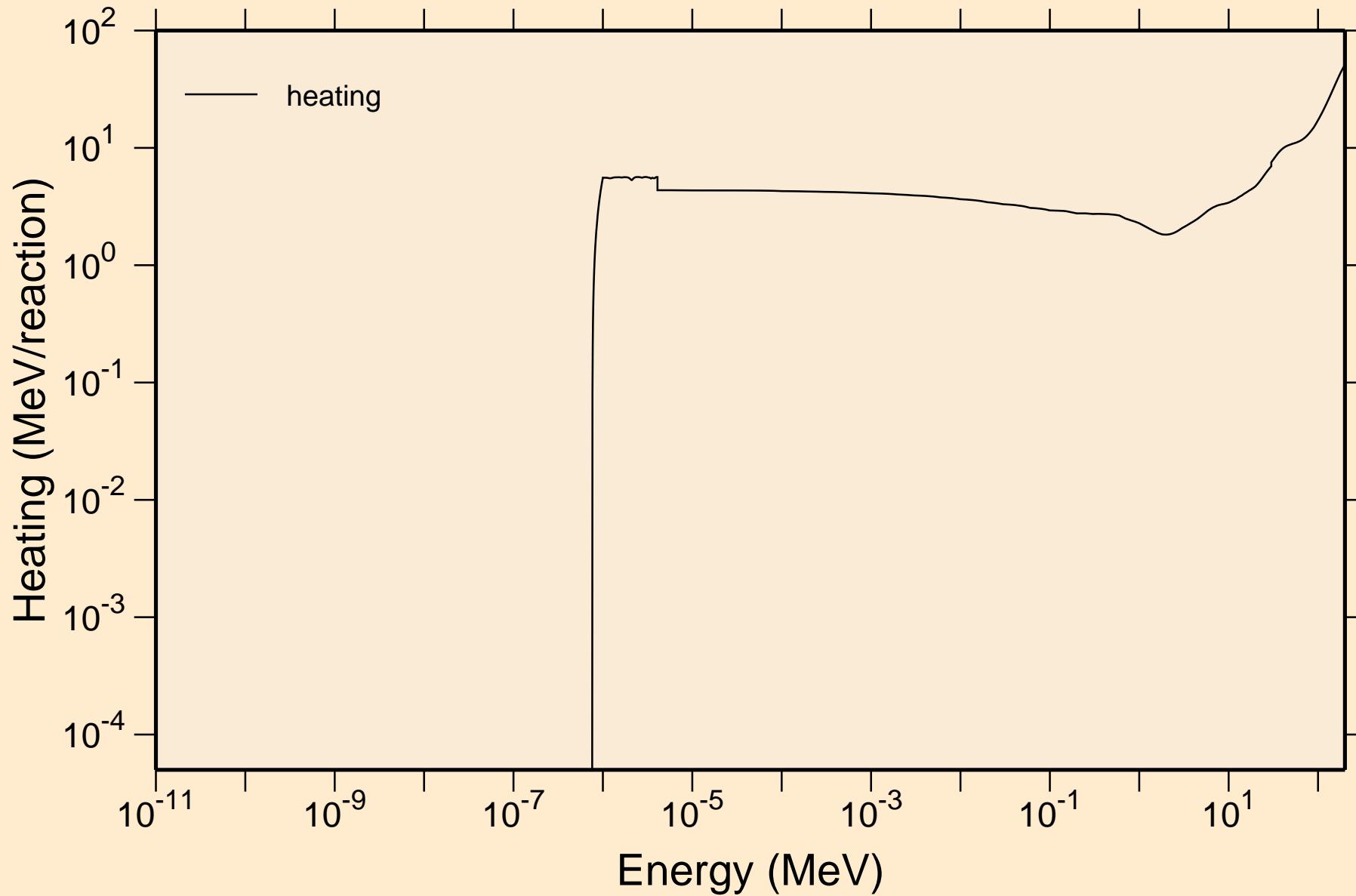
# TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

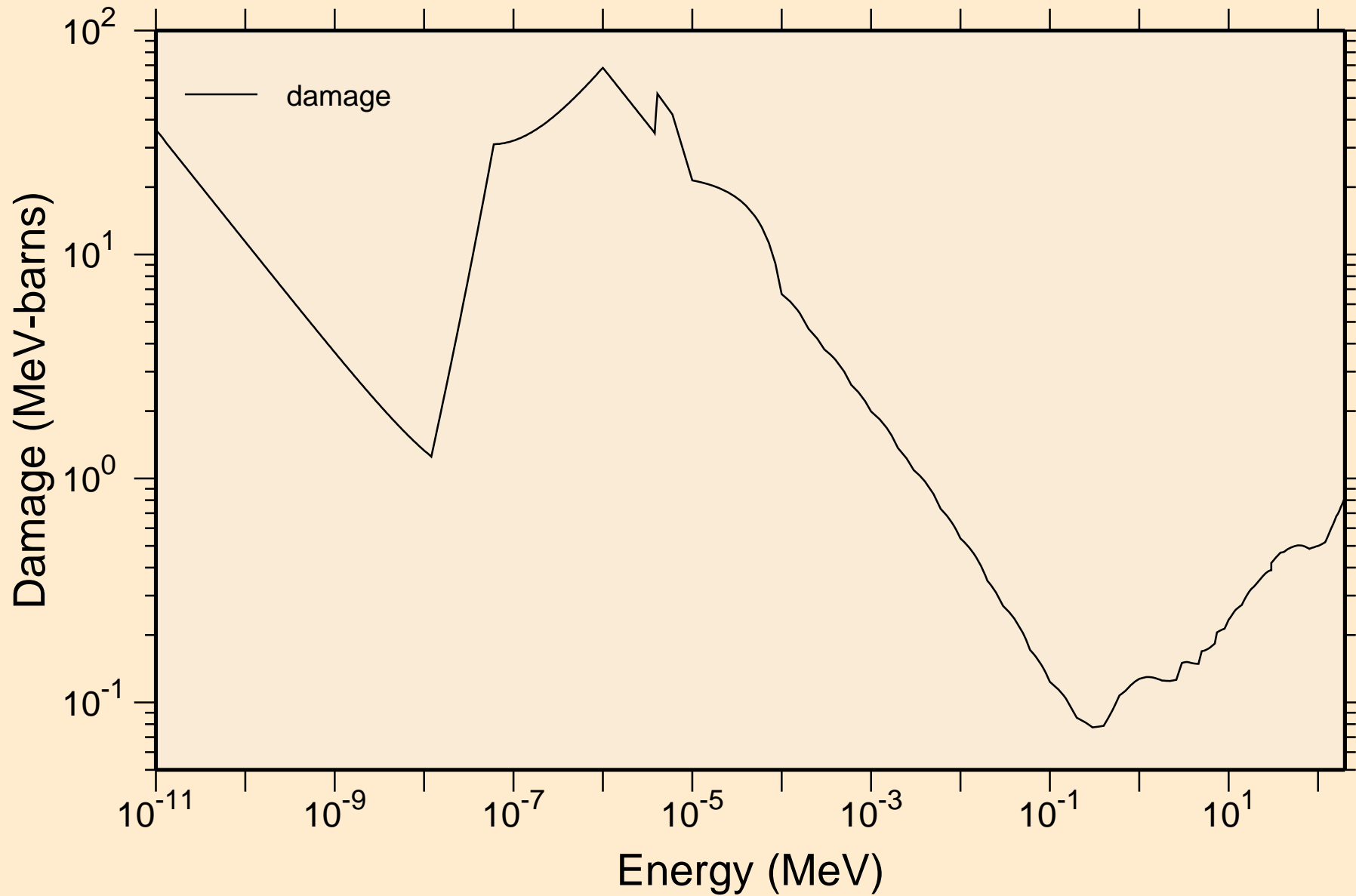


# TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

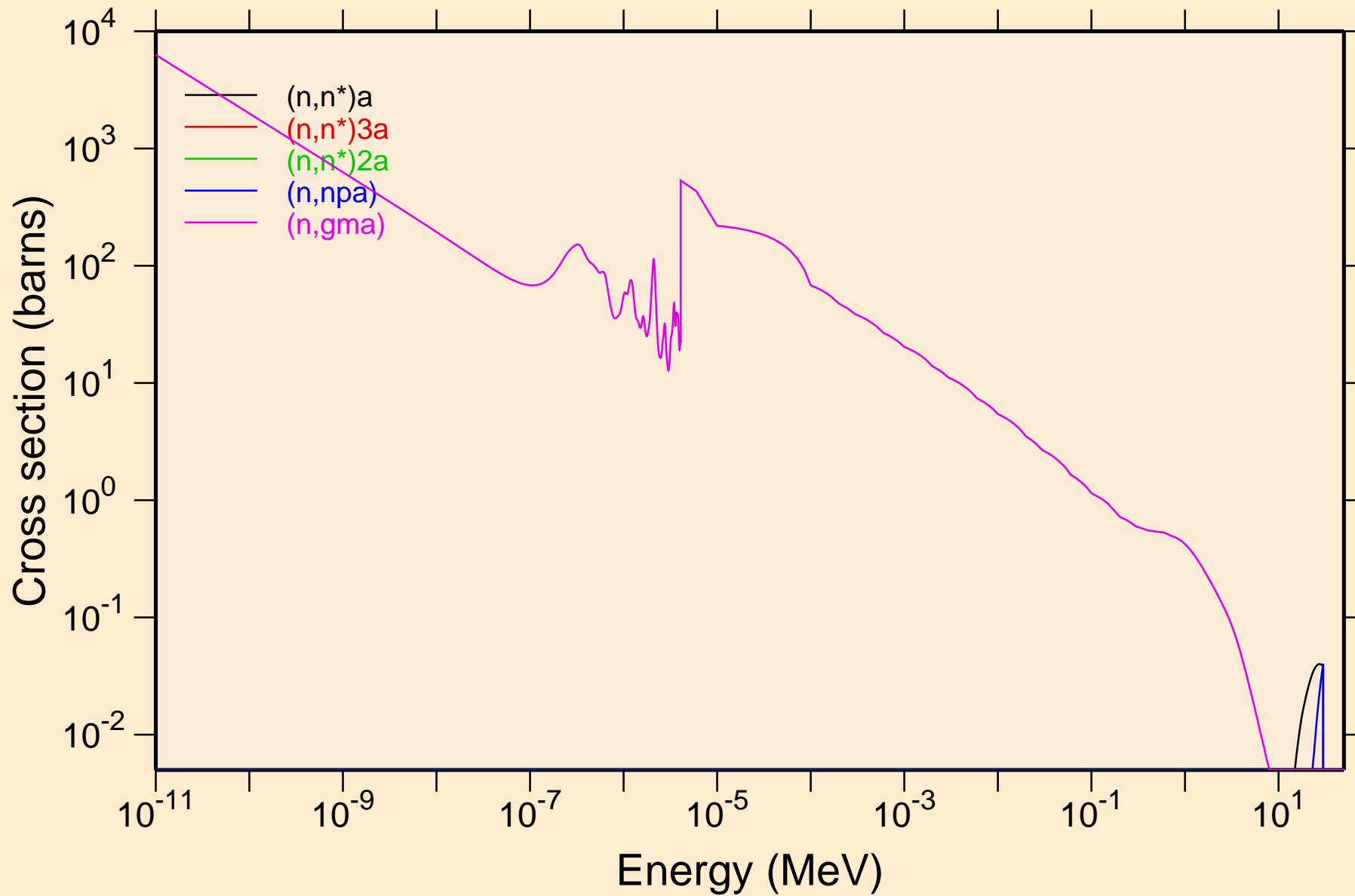
## Heating



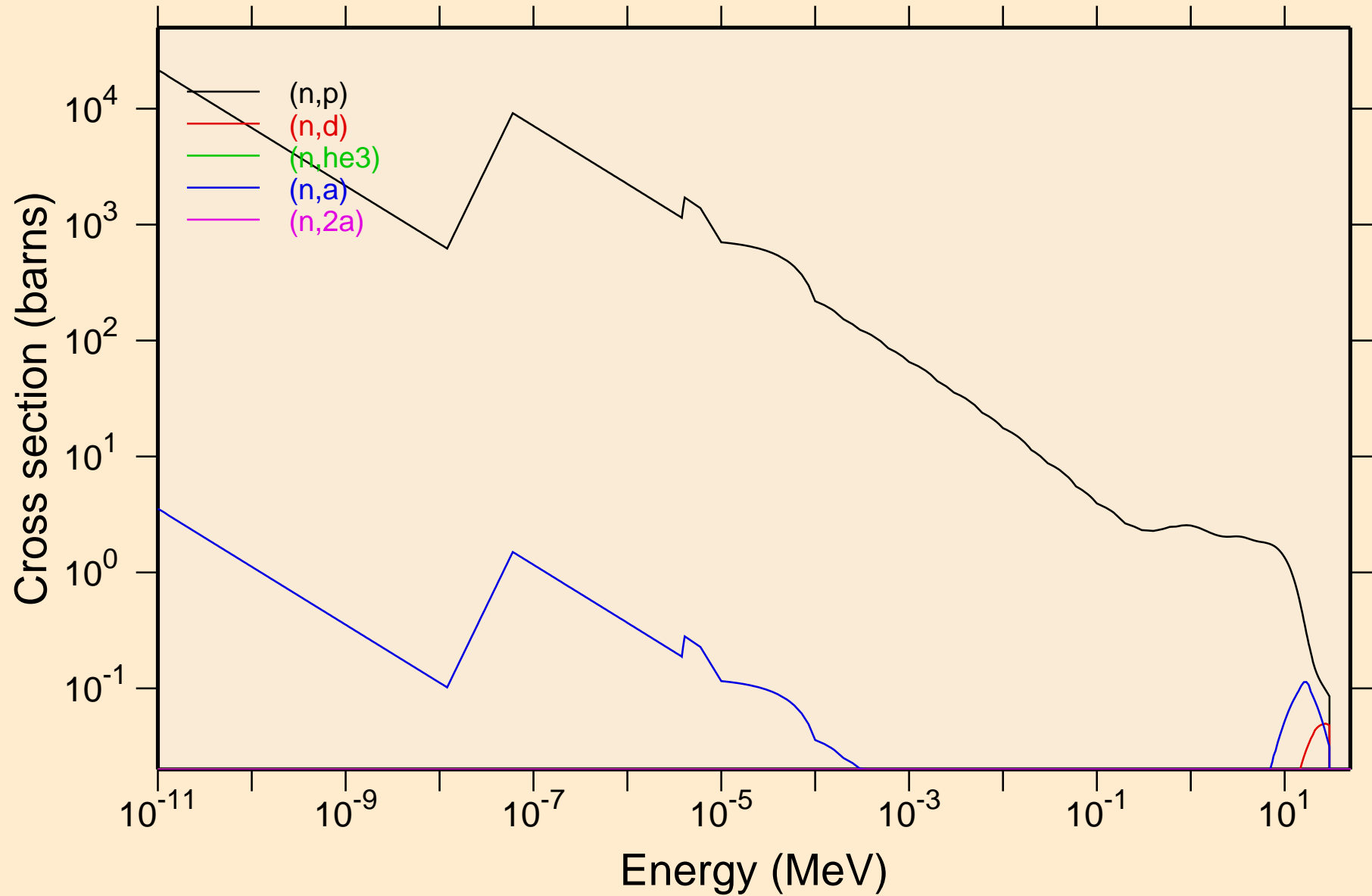
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



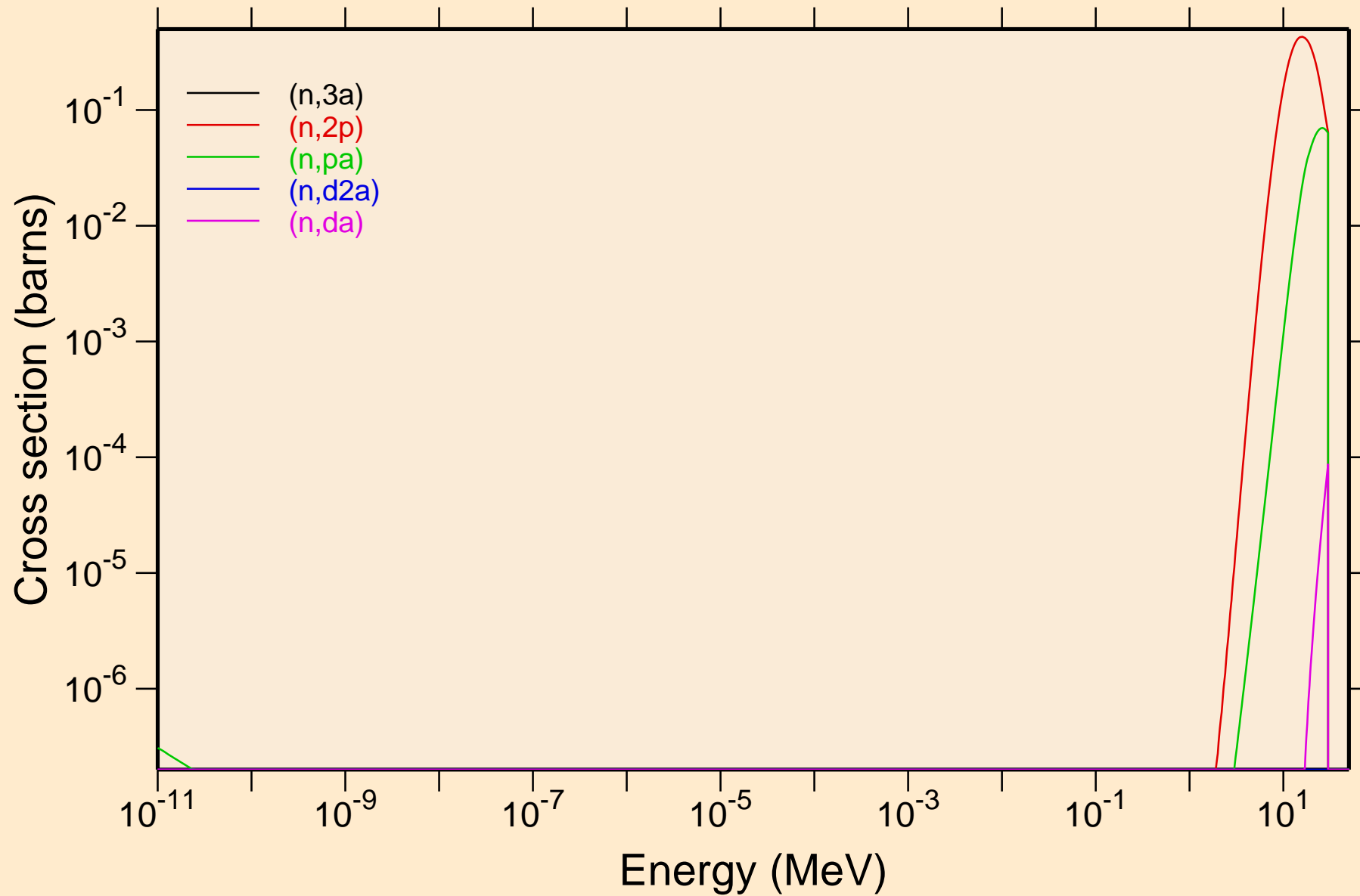
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



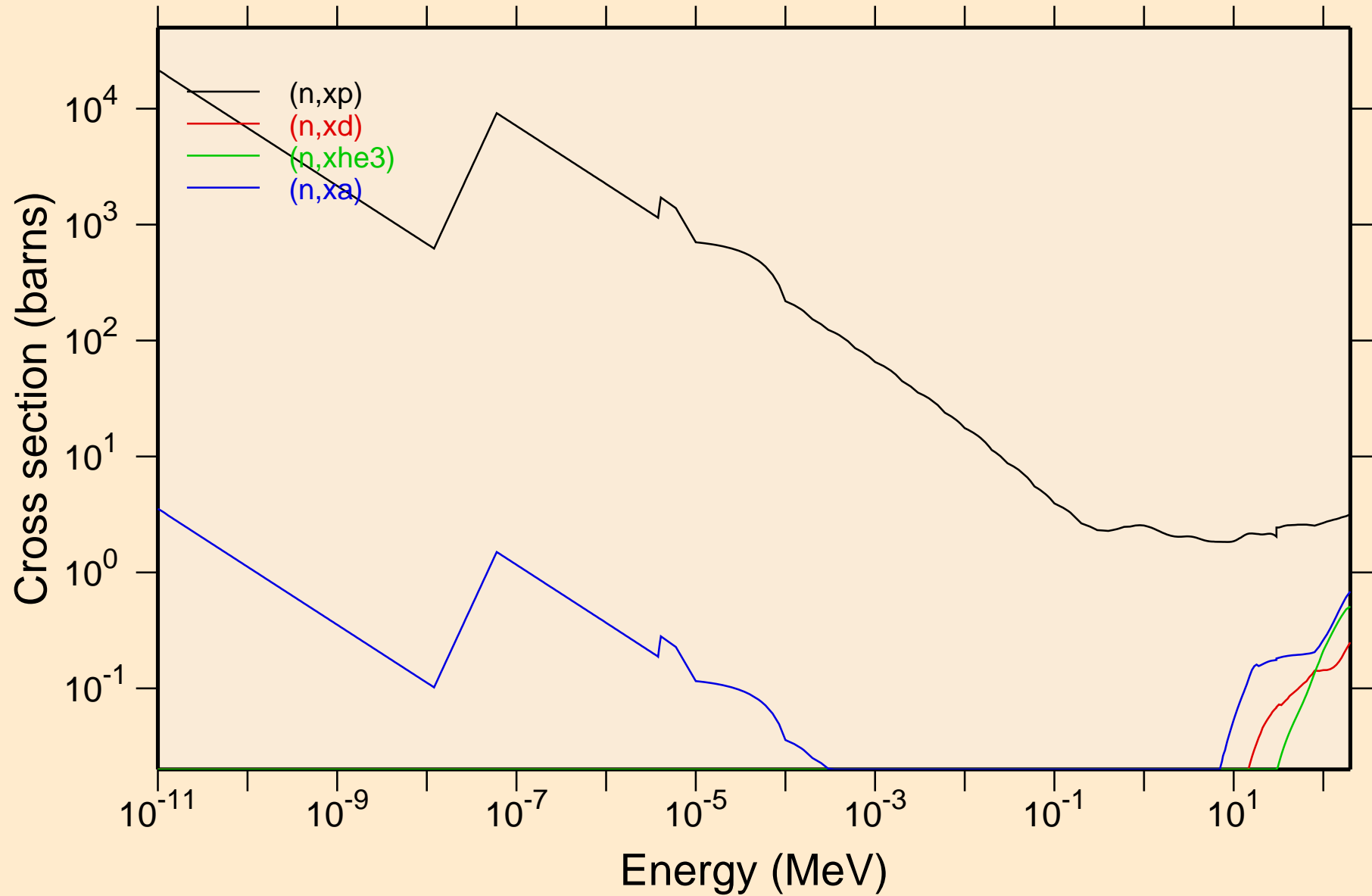
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

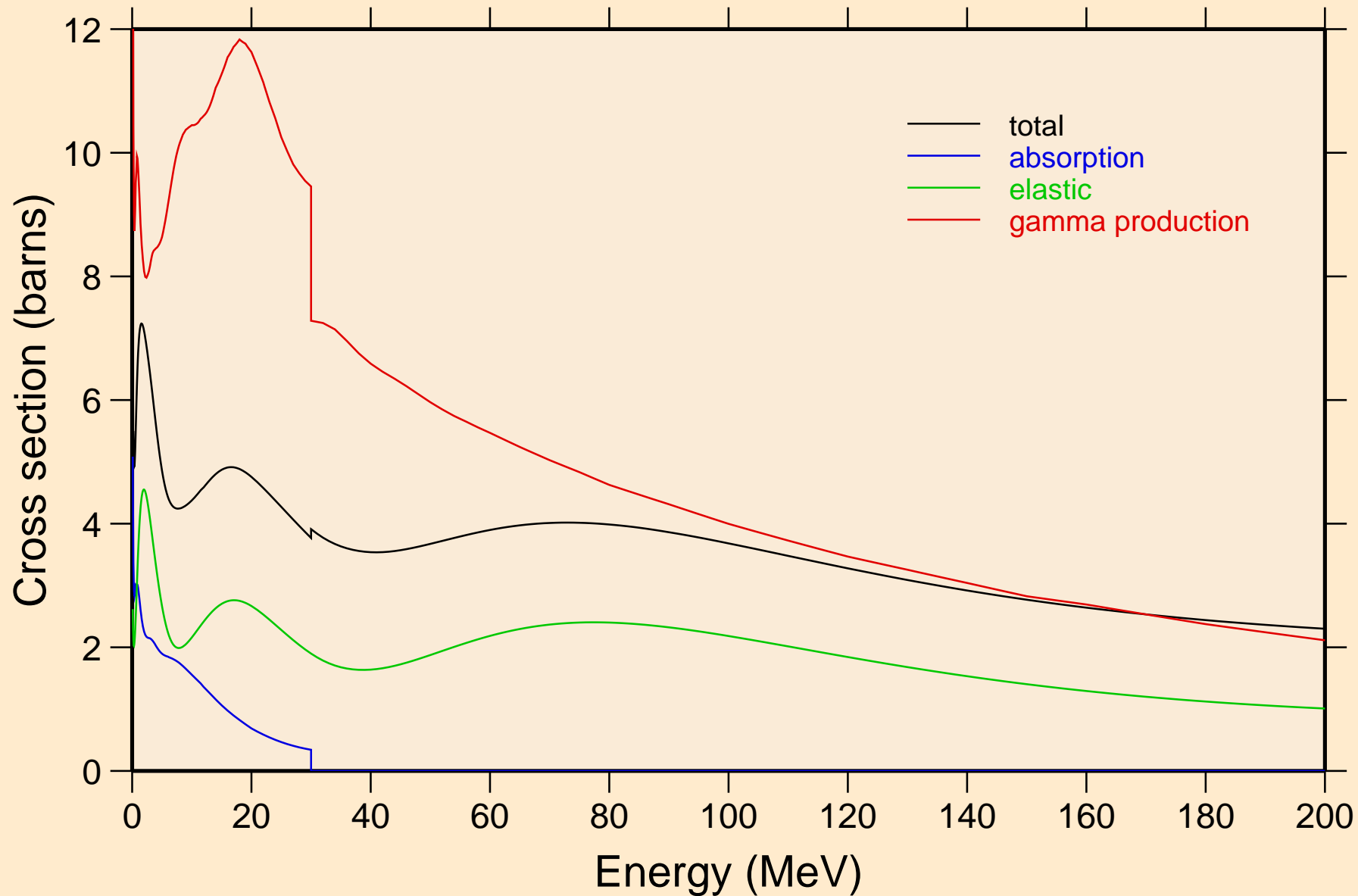


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

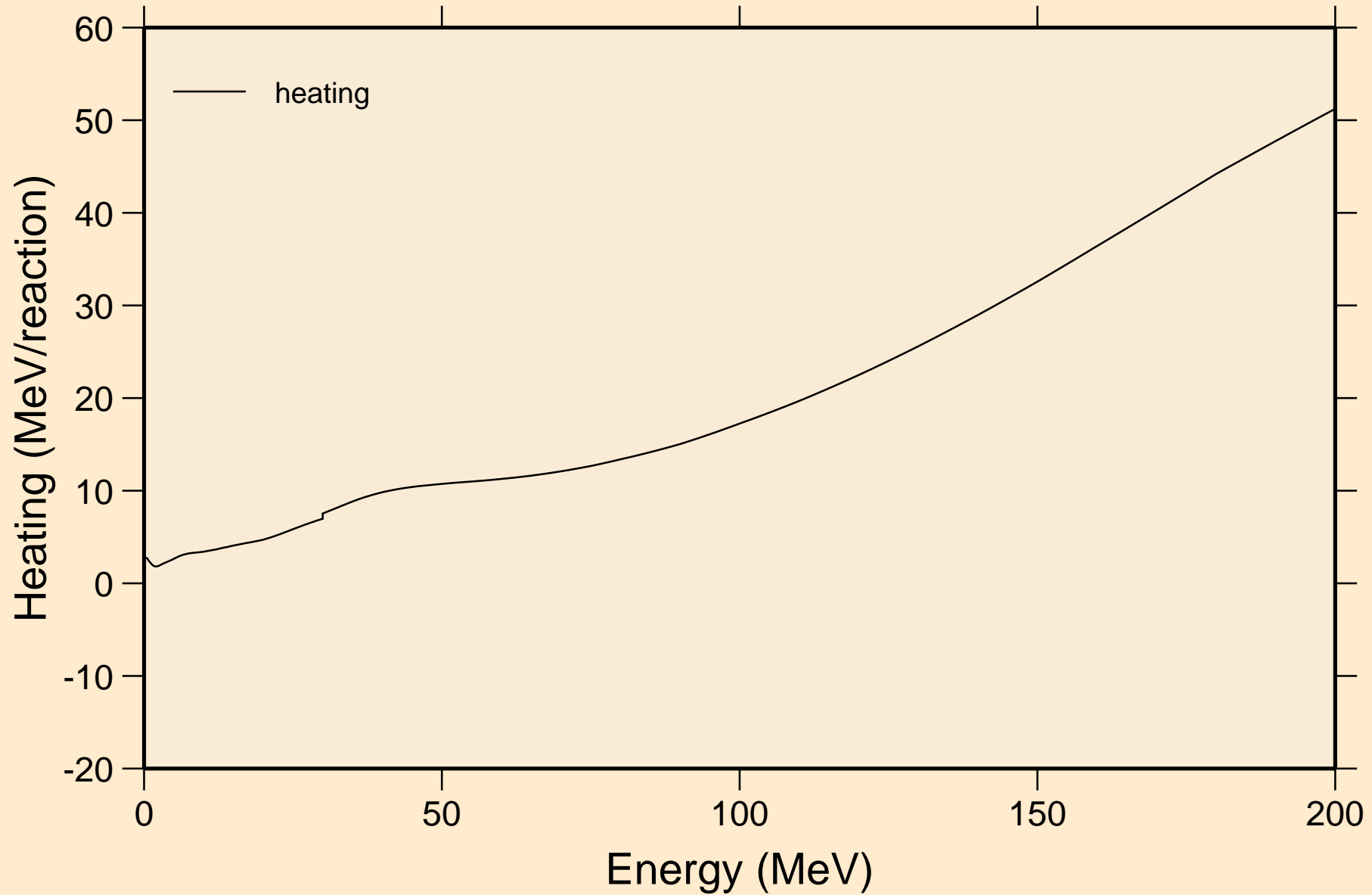
## Principal cross sections



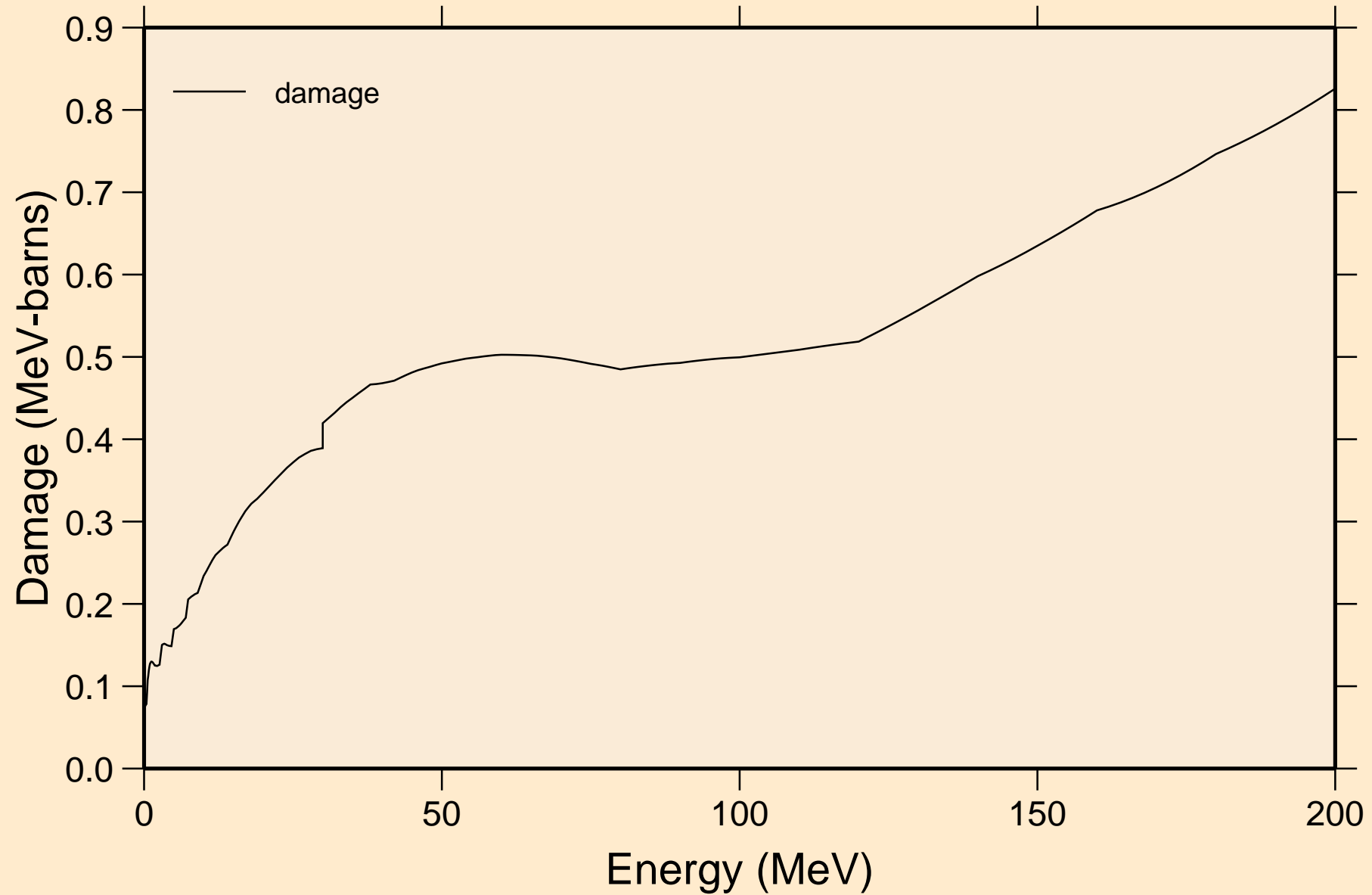


# TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

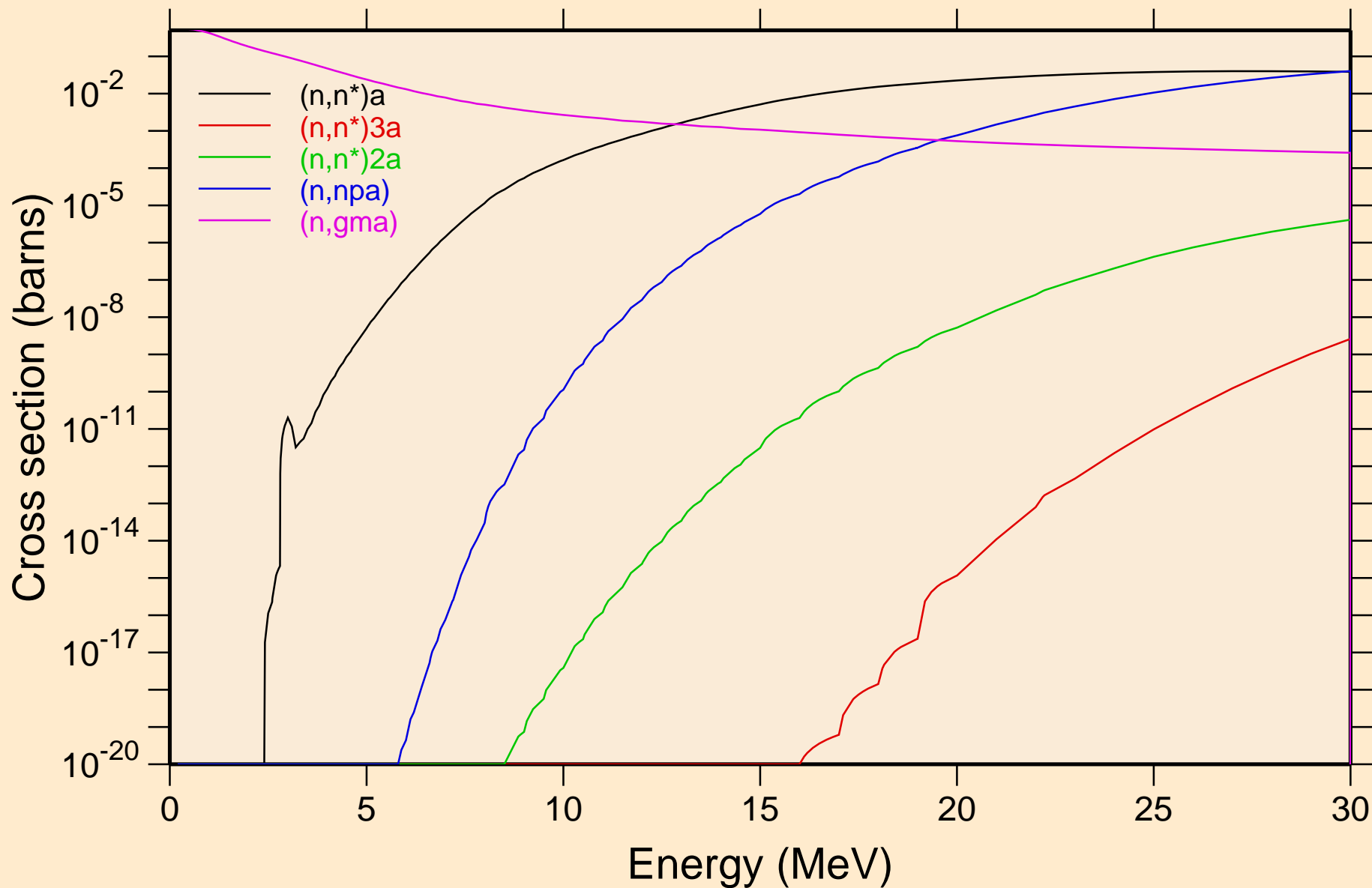


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

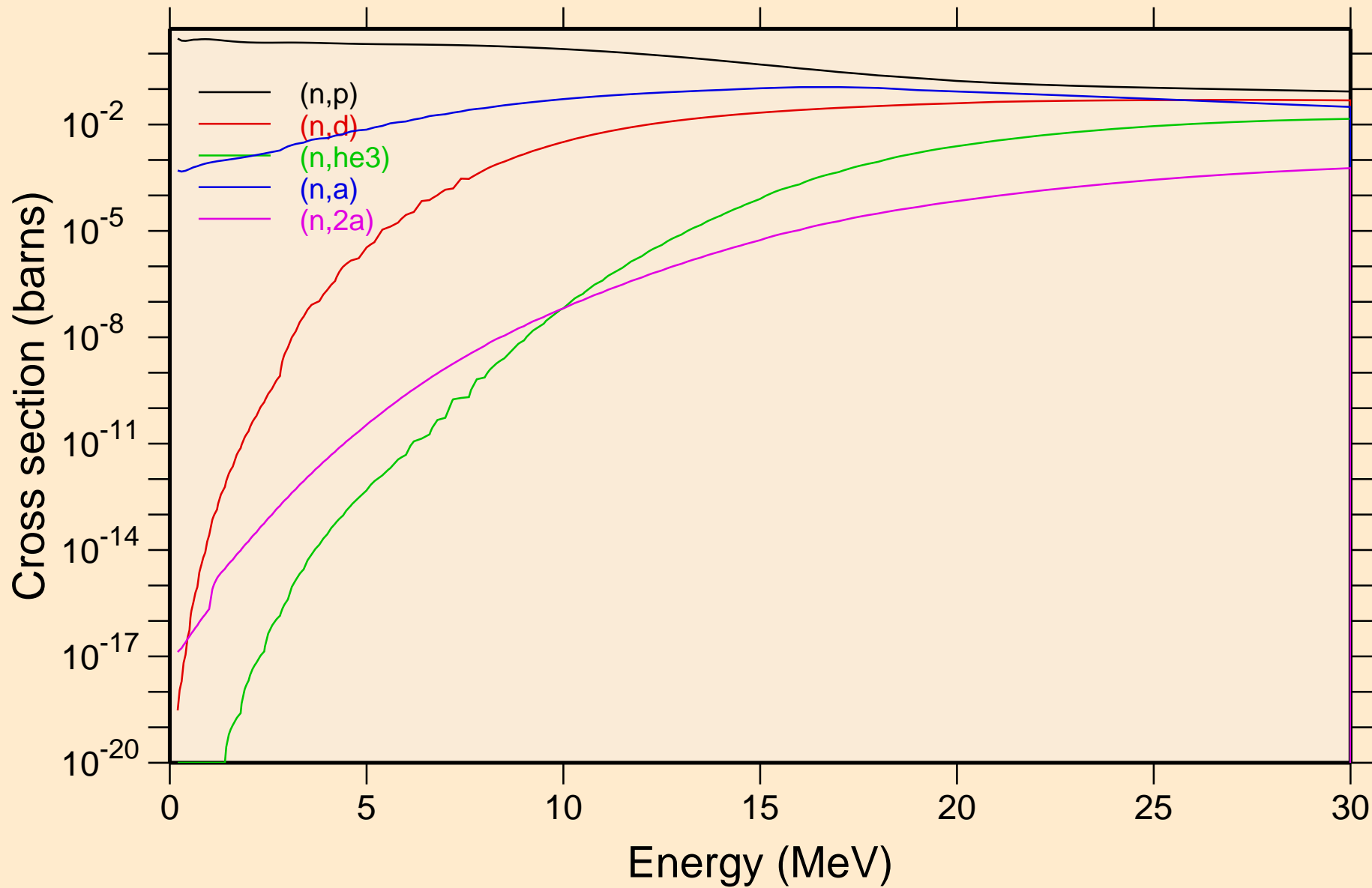


# TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

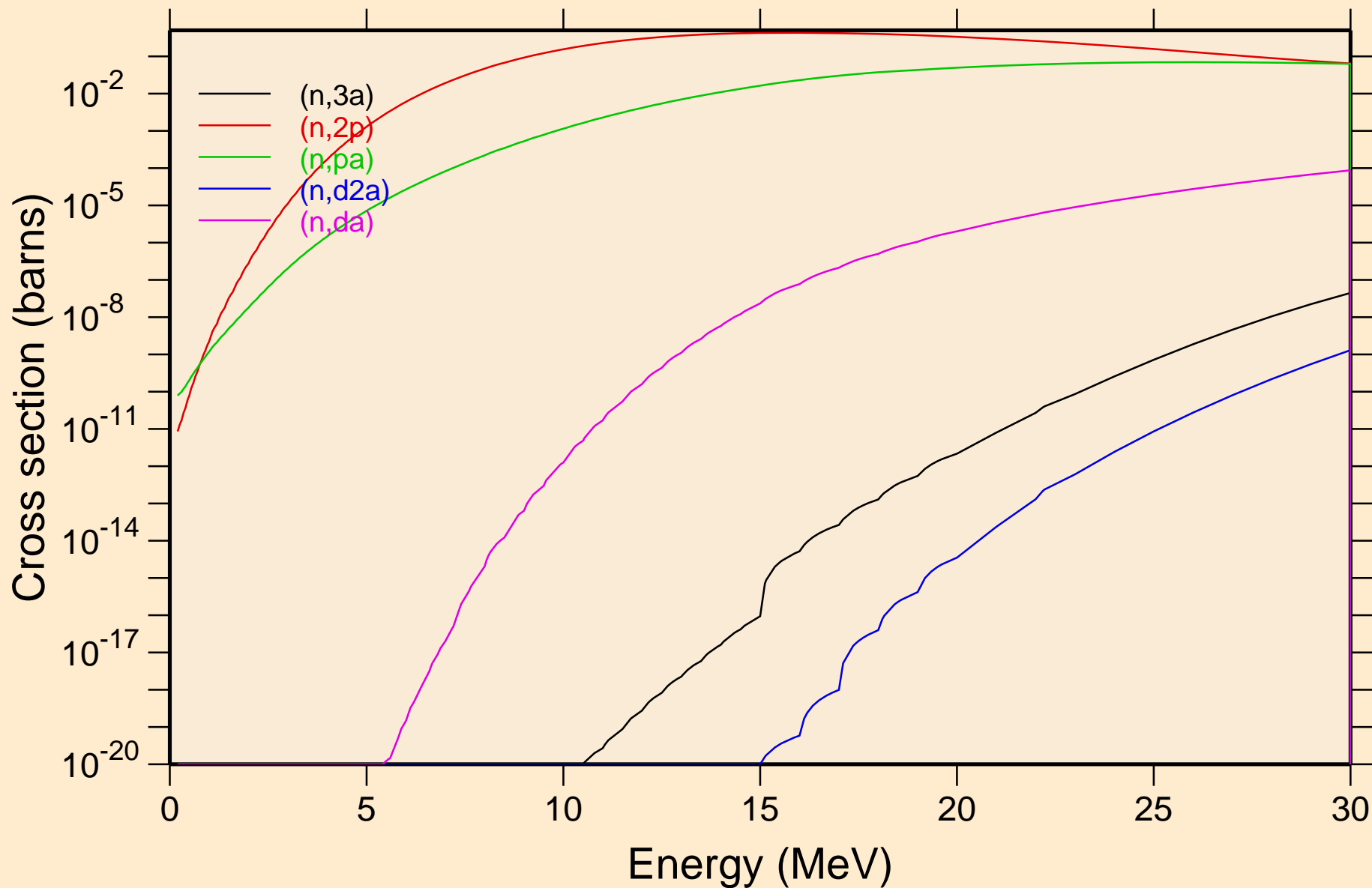
## Non-threshold reactions



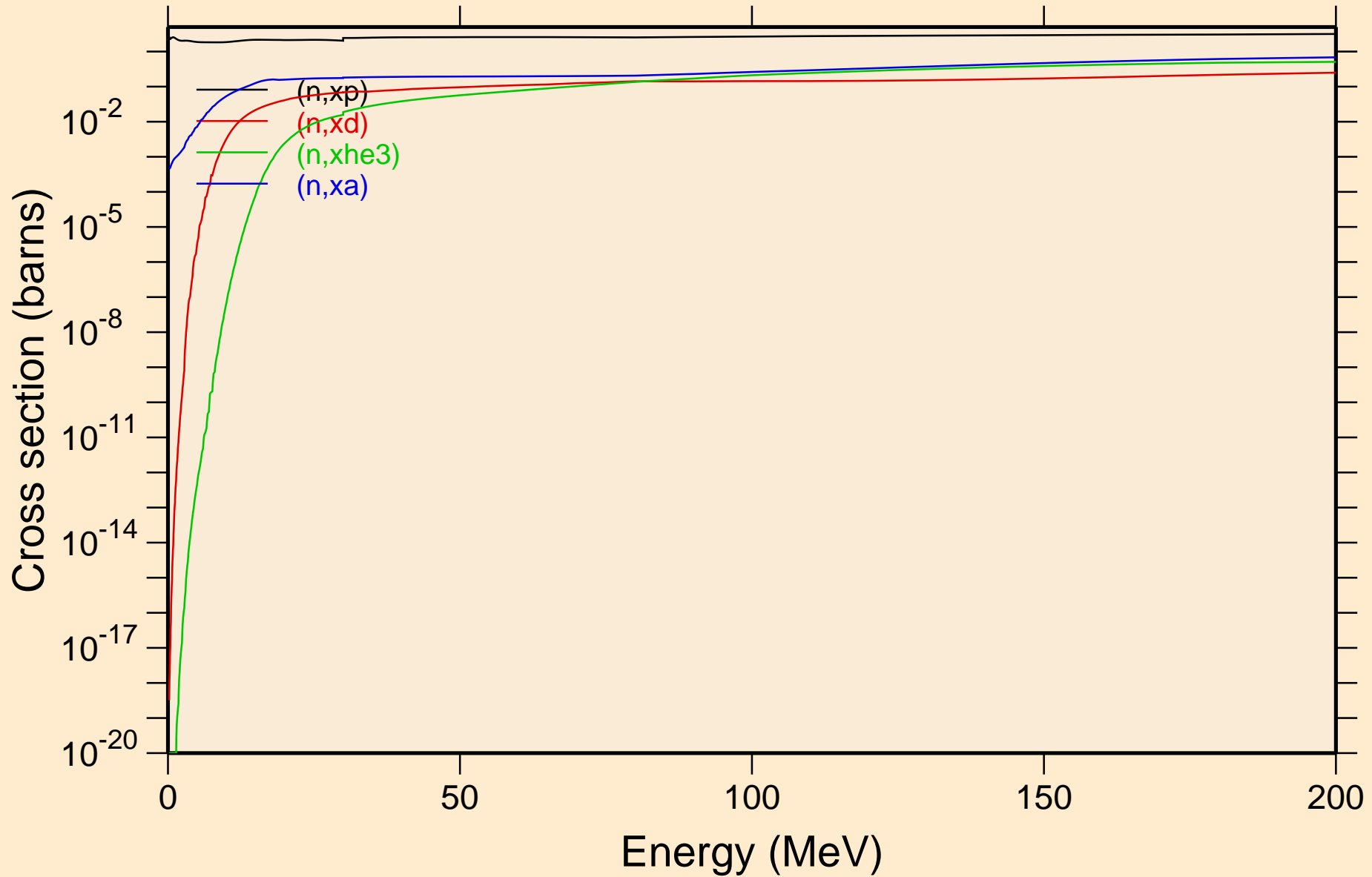
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



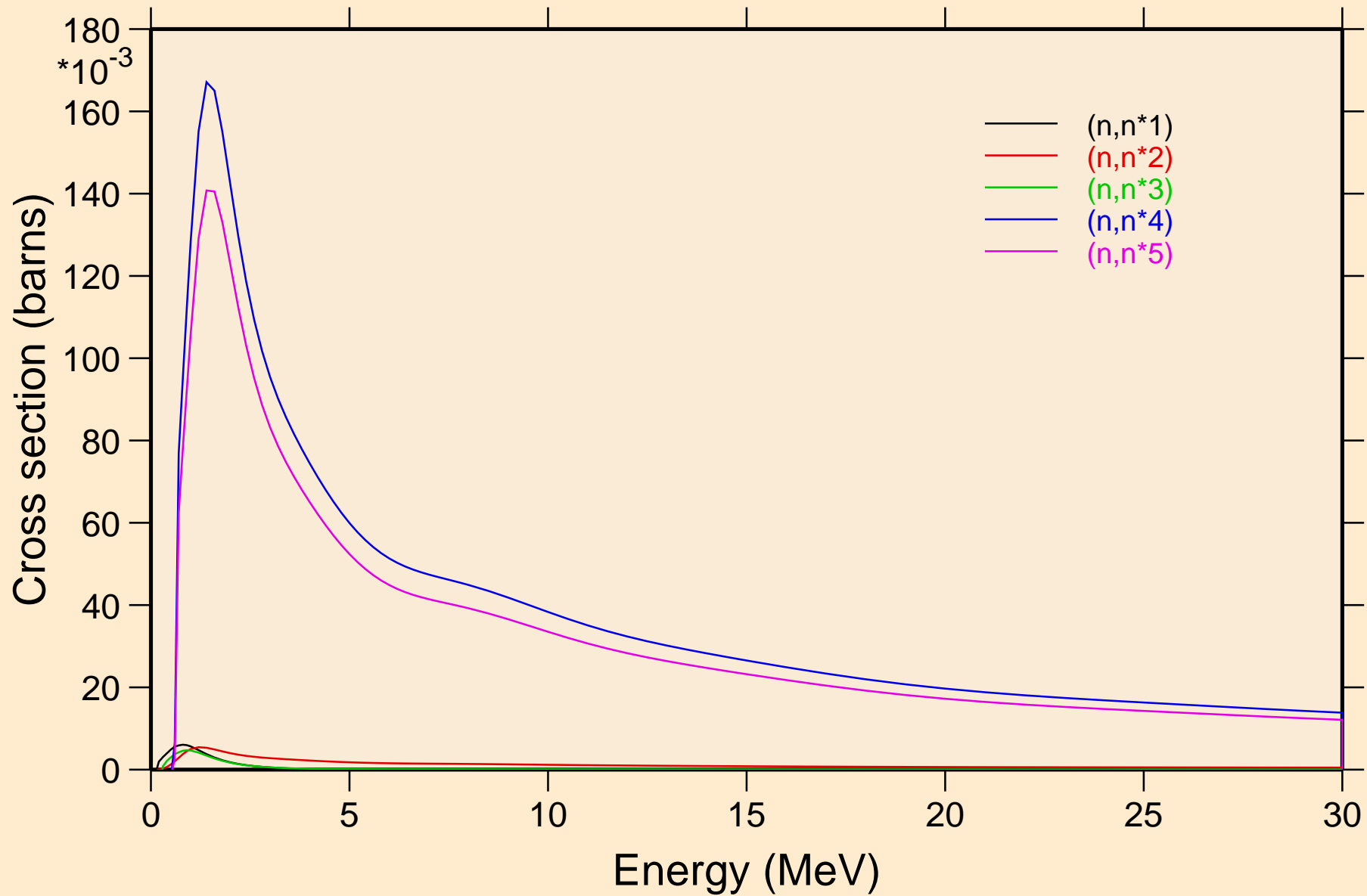
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



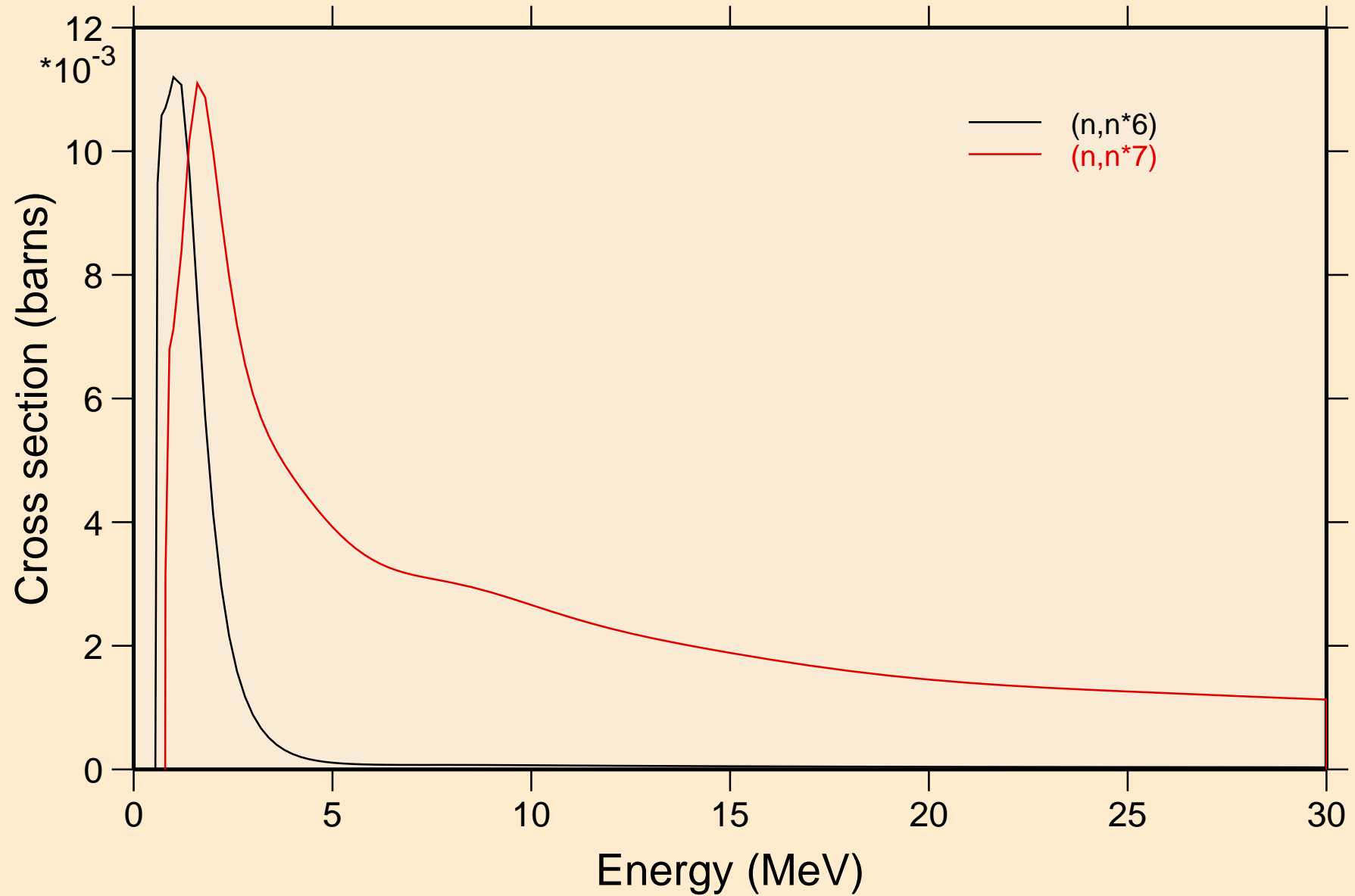
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



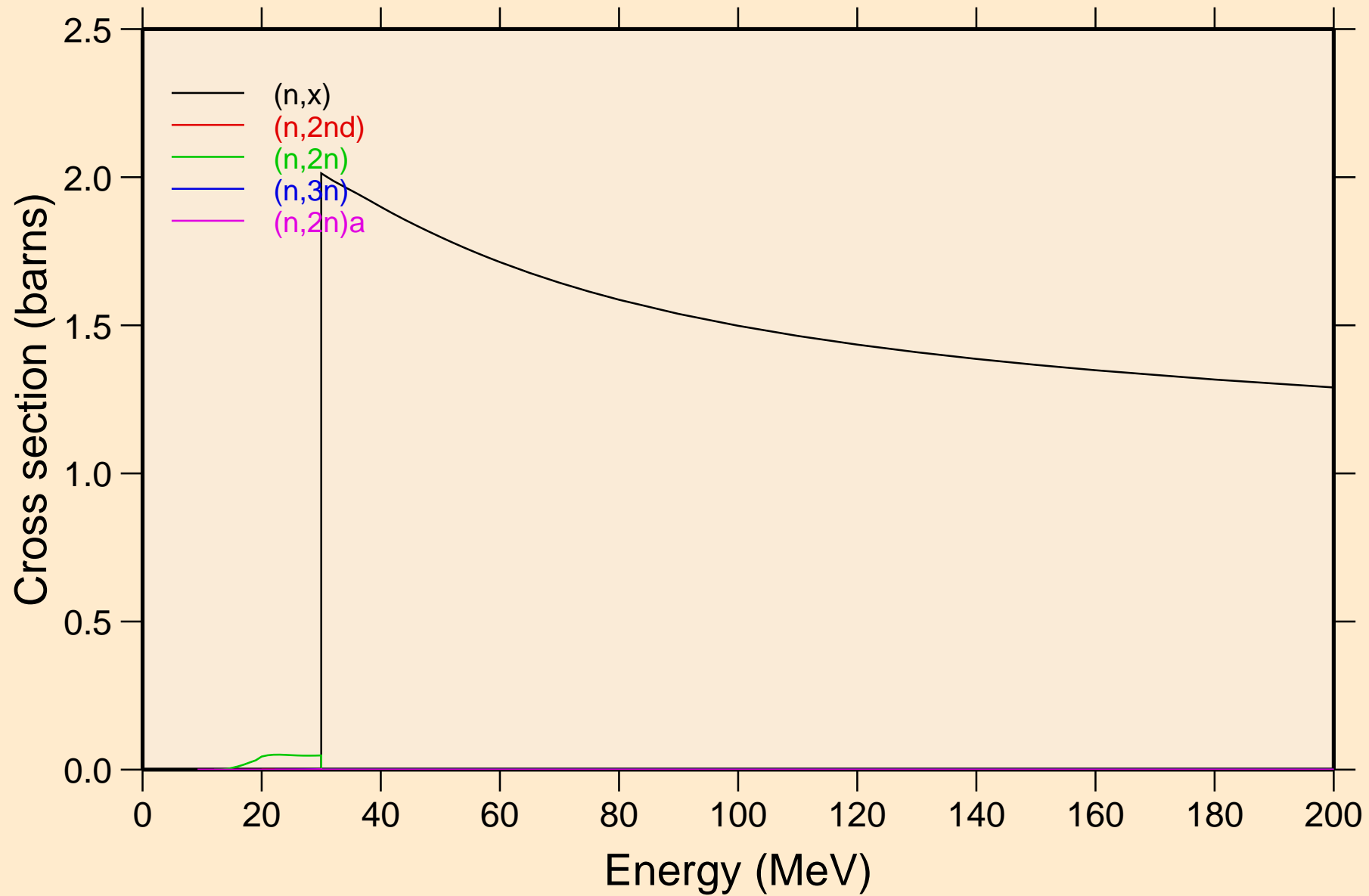
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



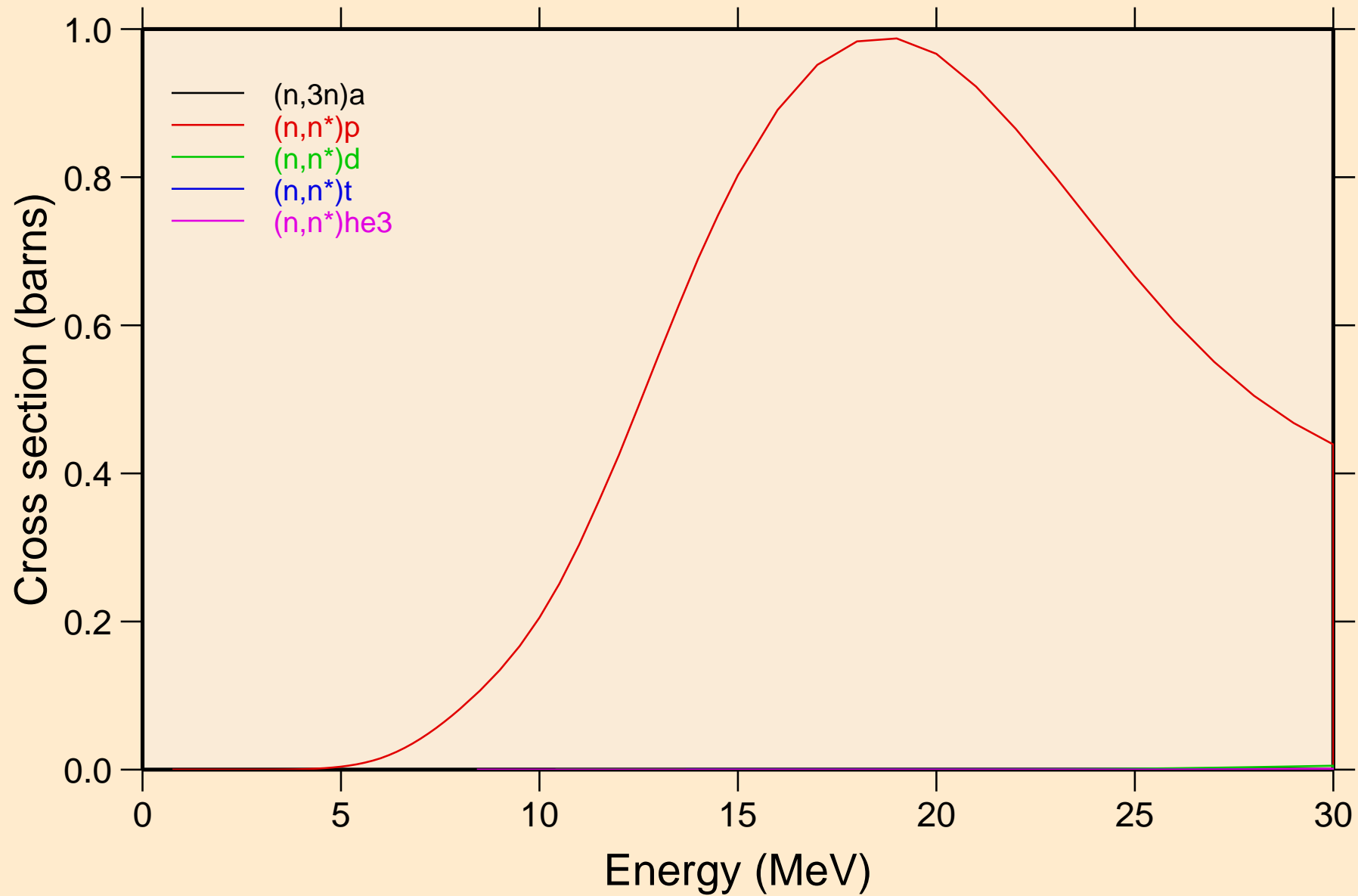


# TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

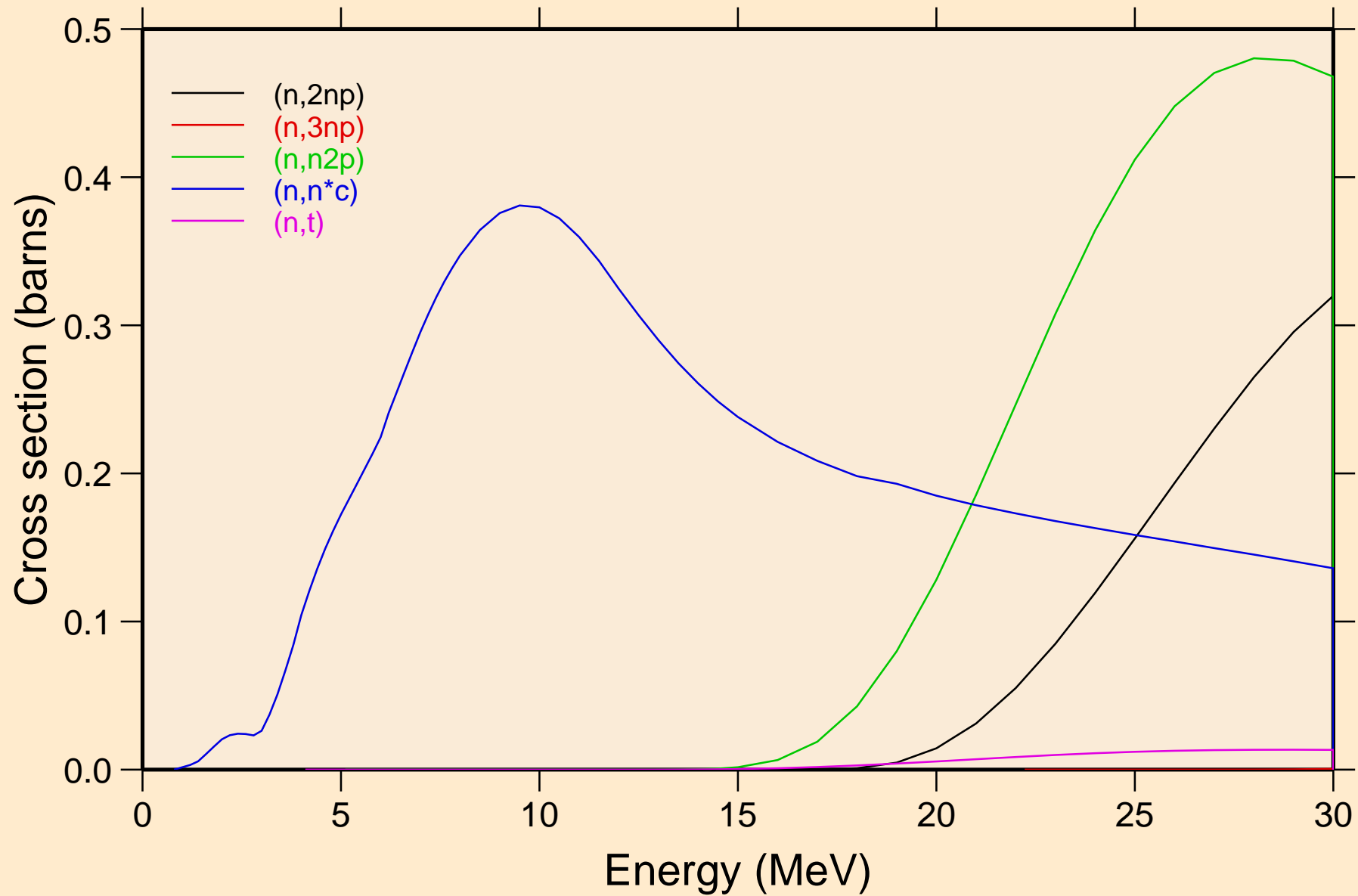
## Threshold reactions



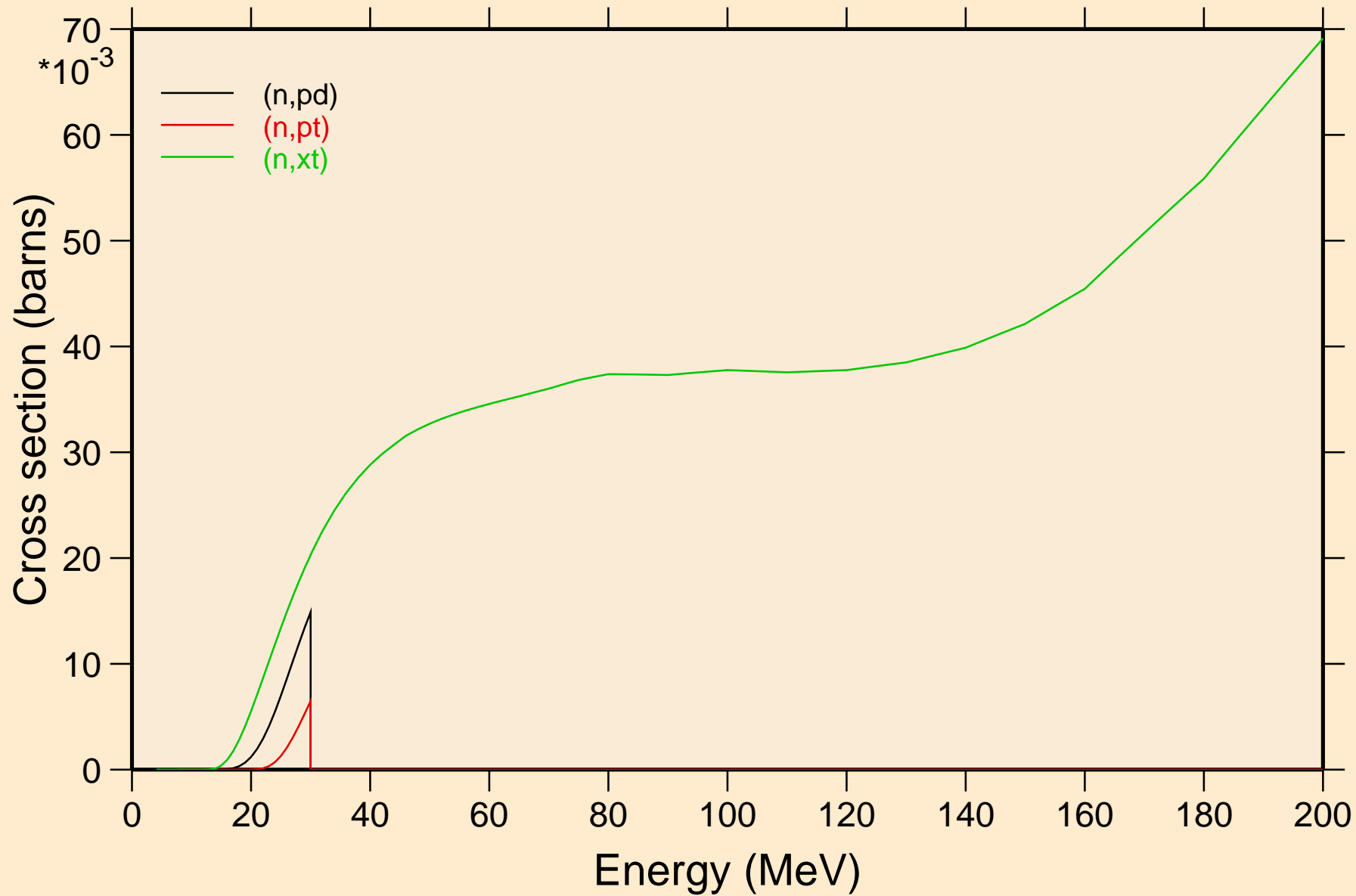
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



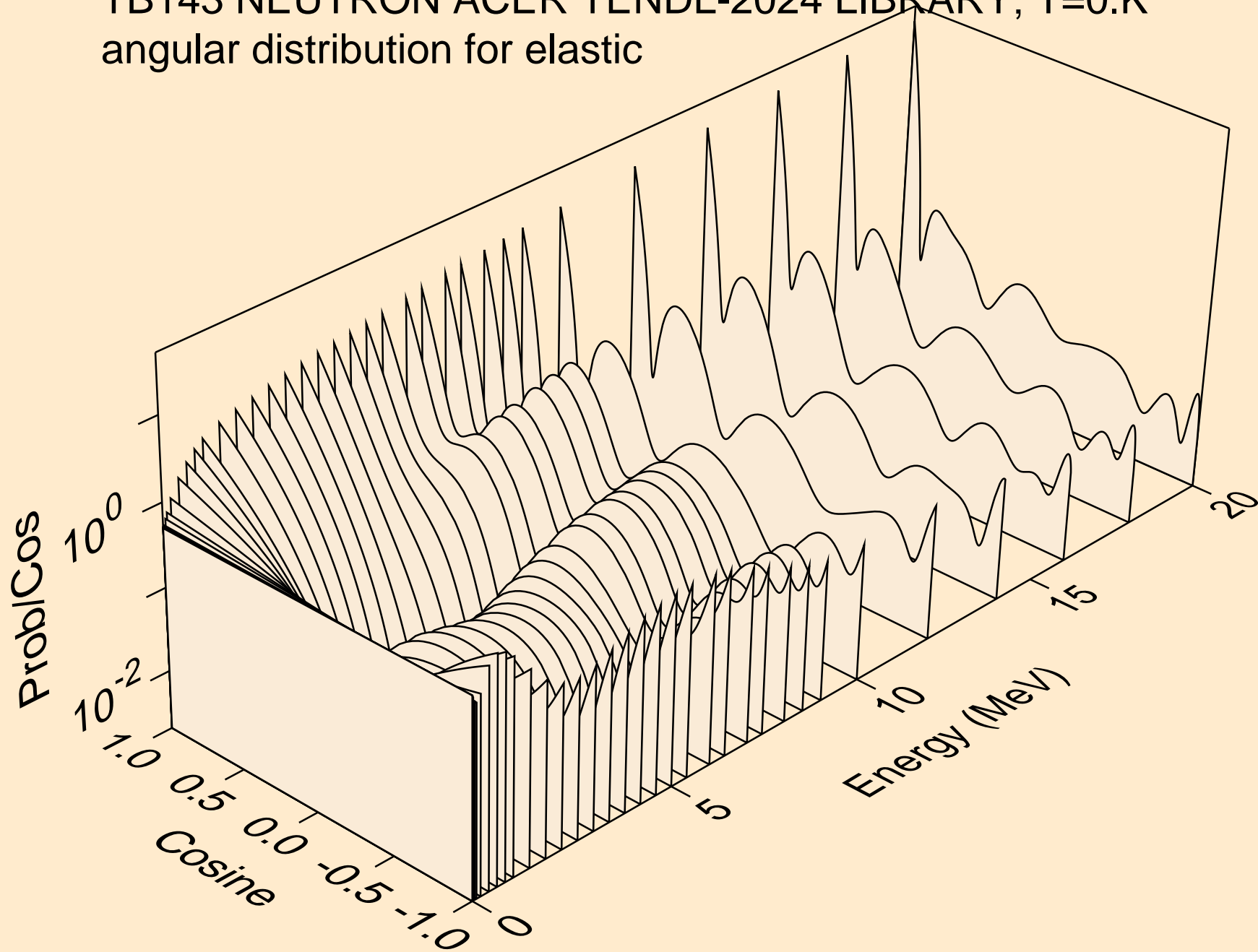
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



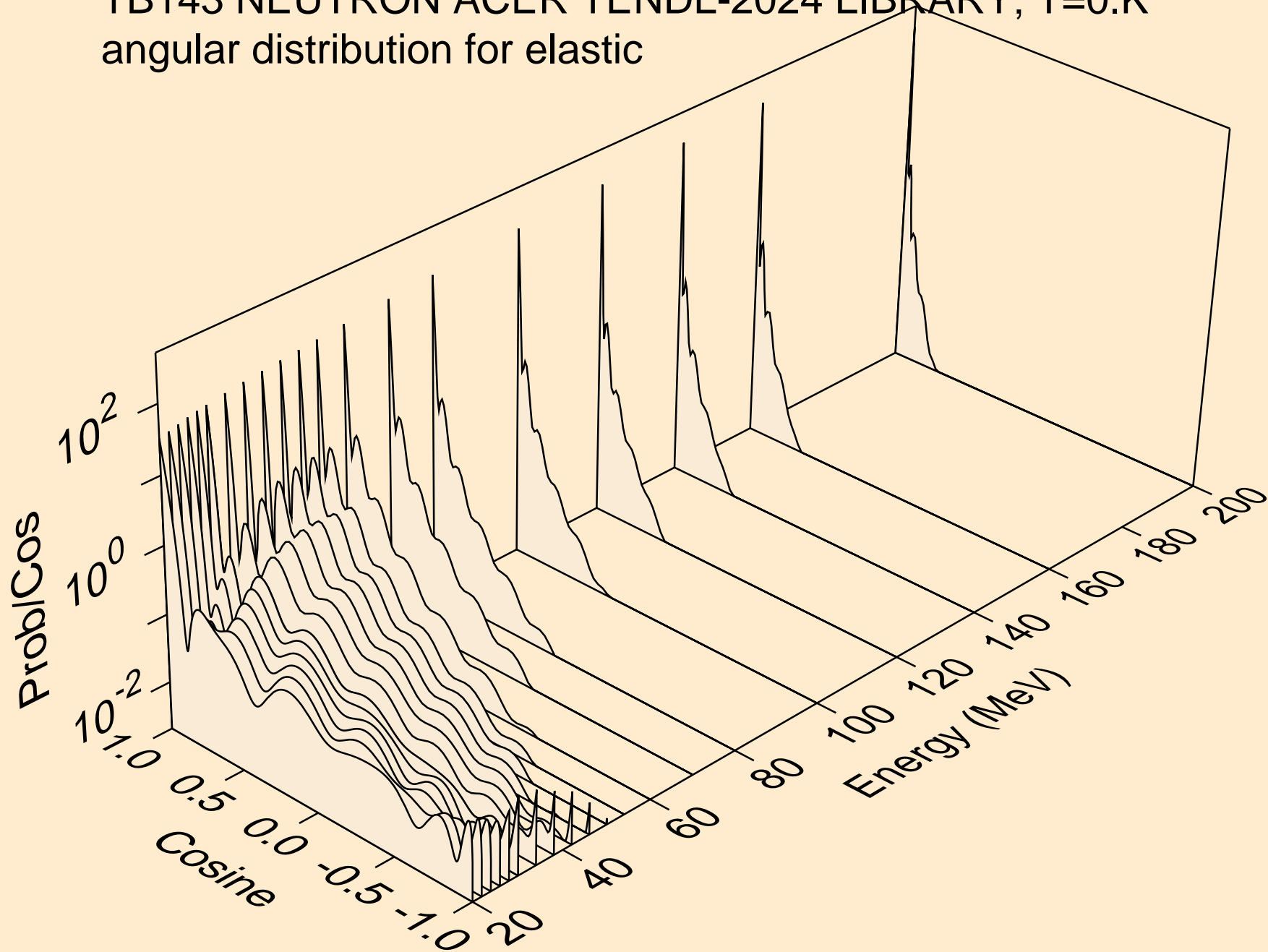
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



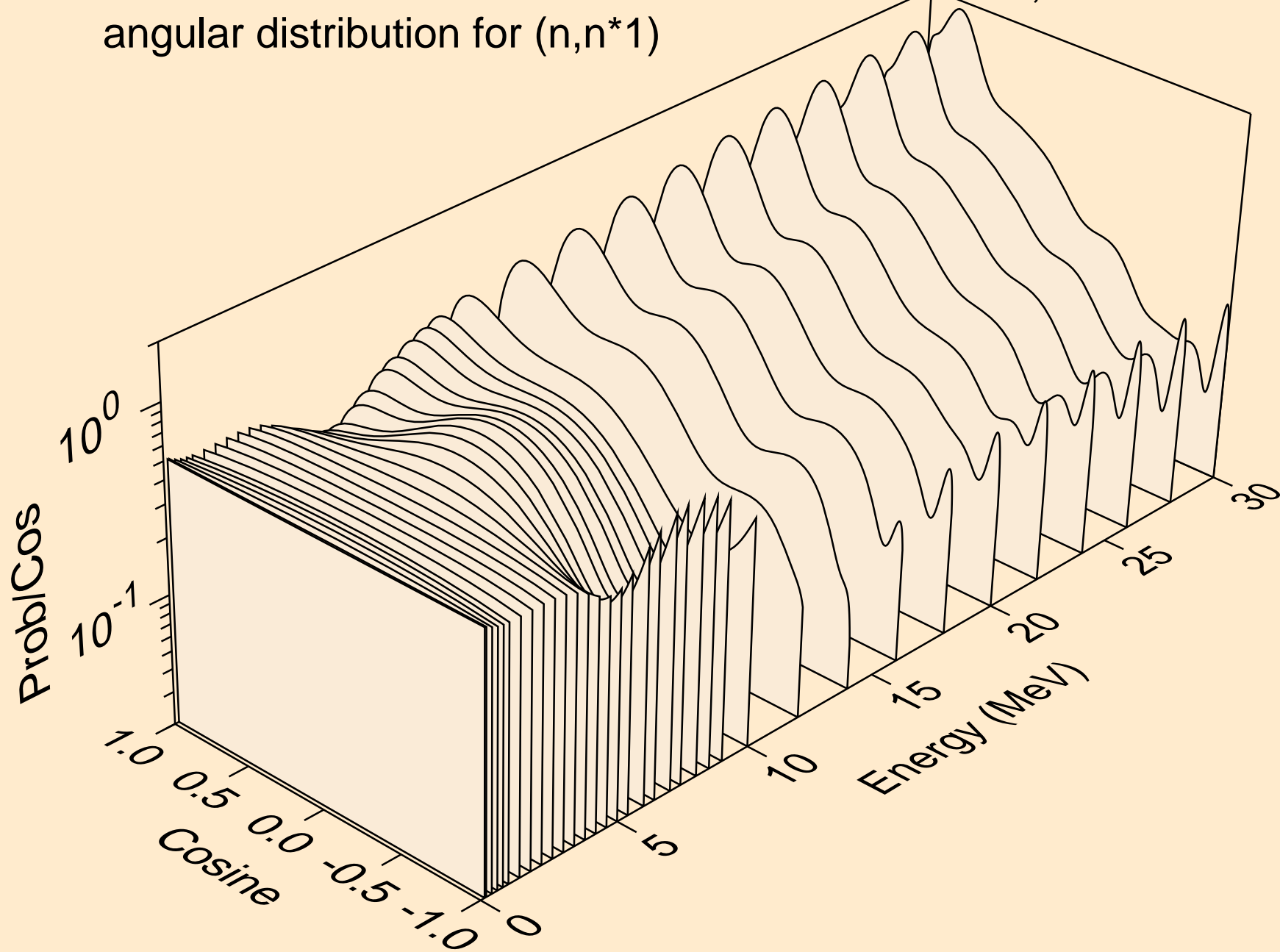
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



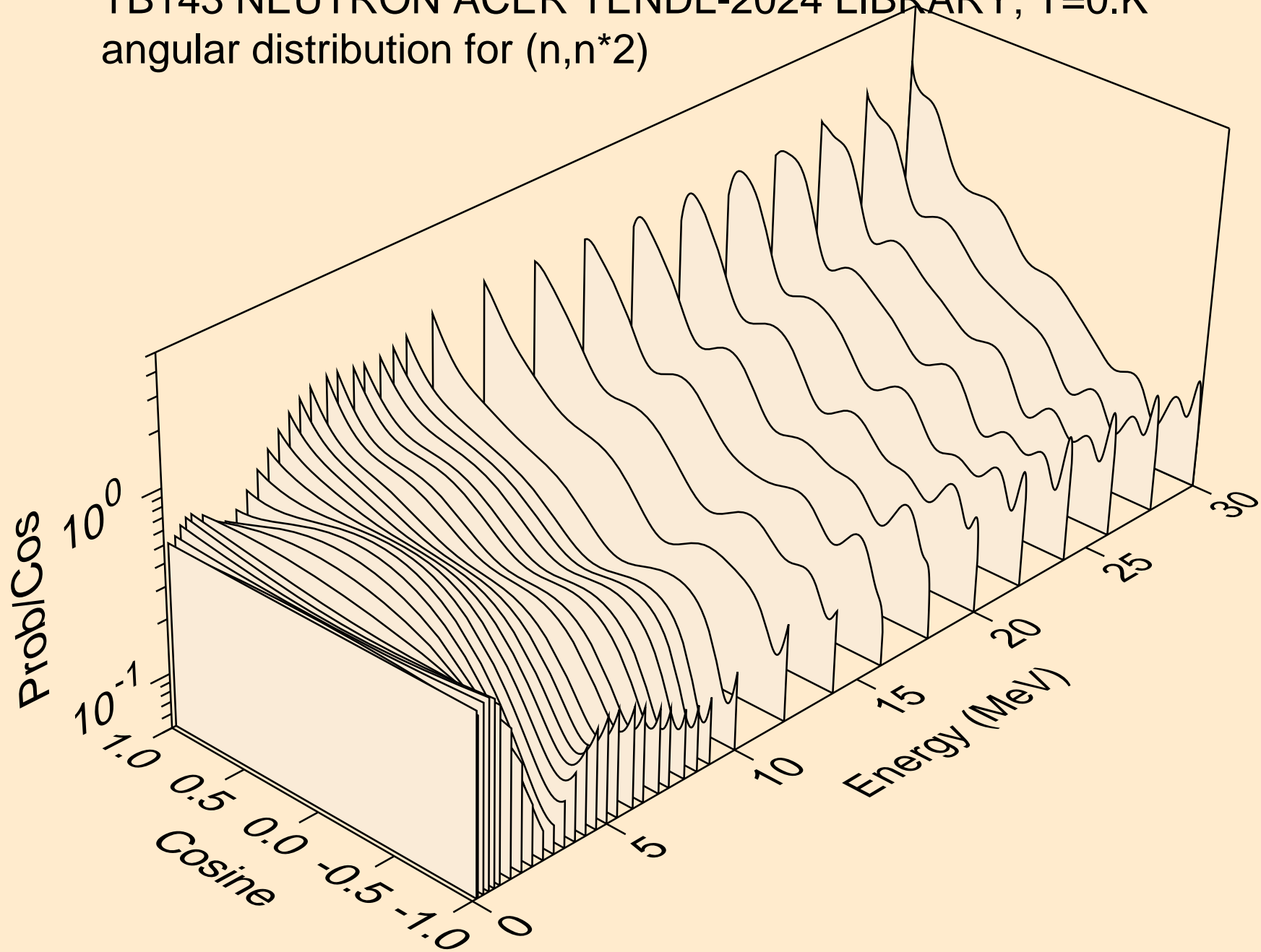
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

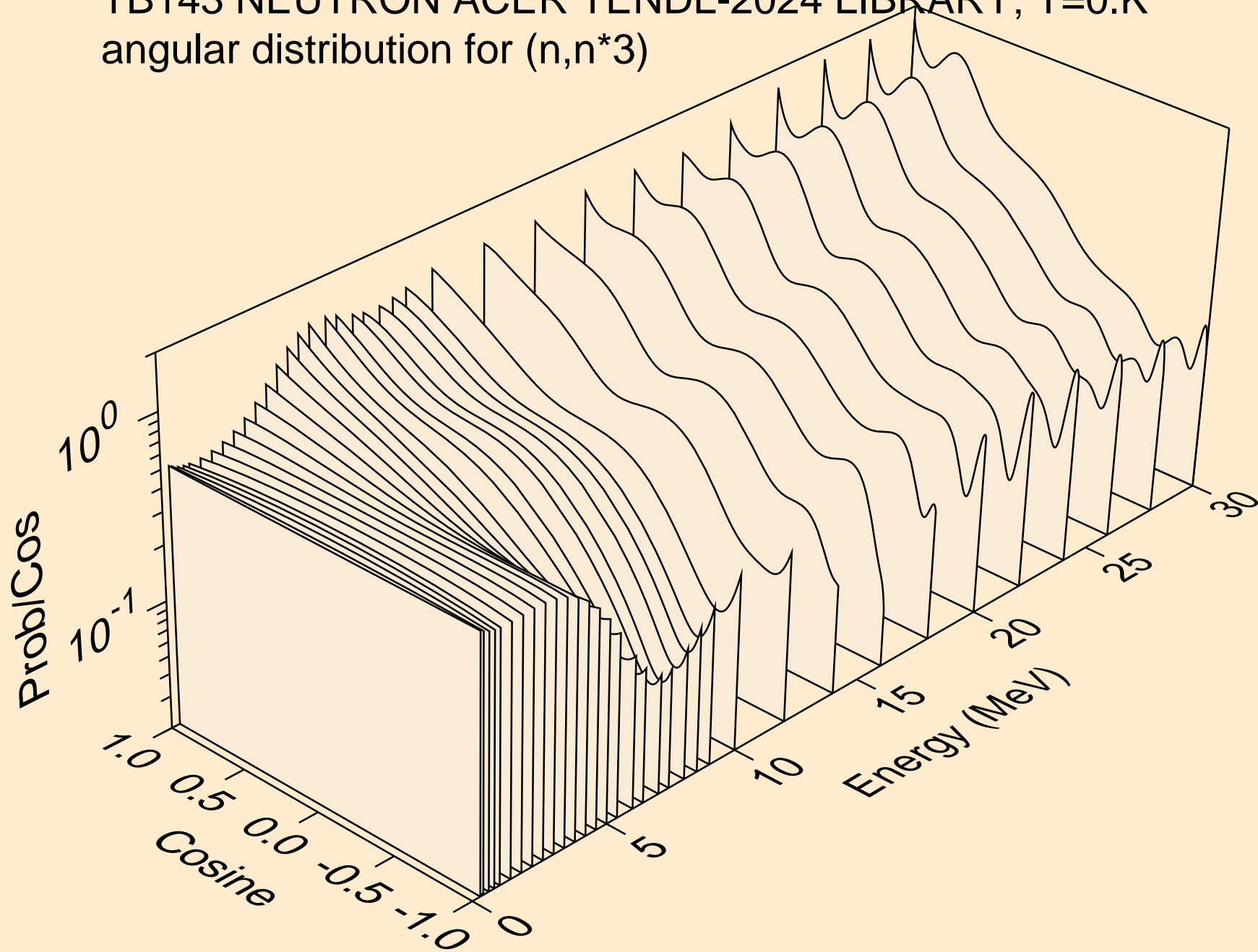


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

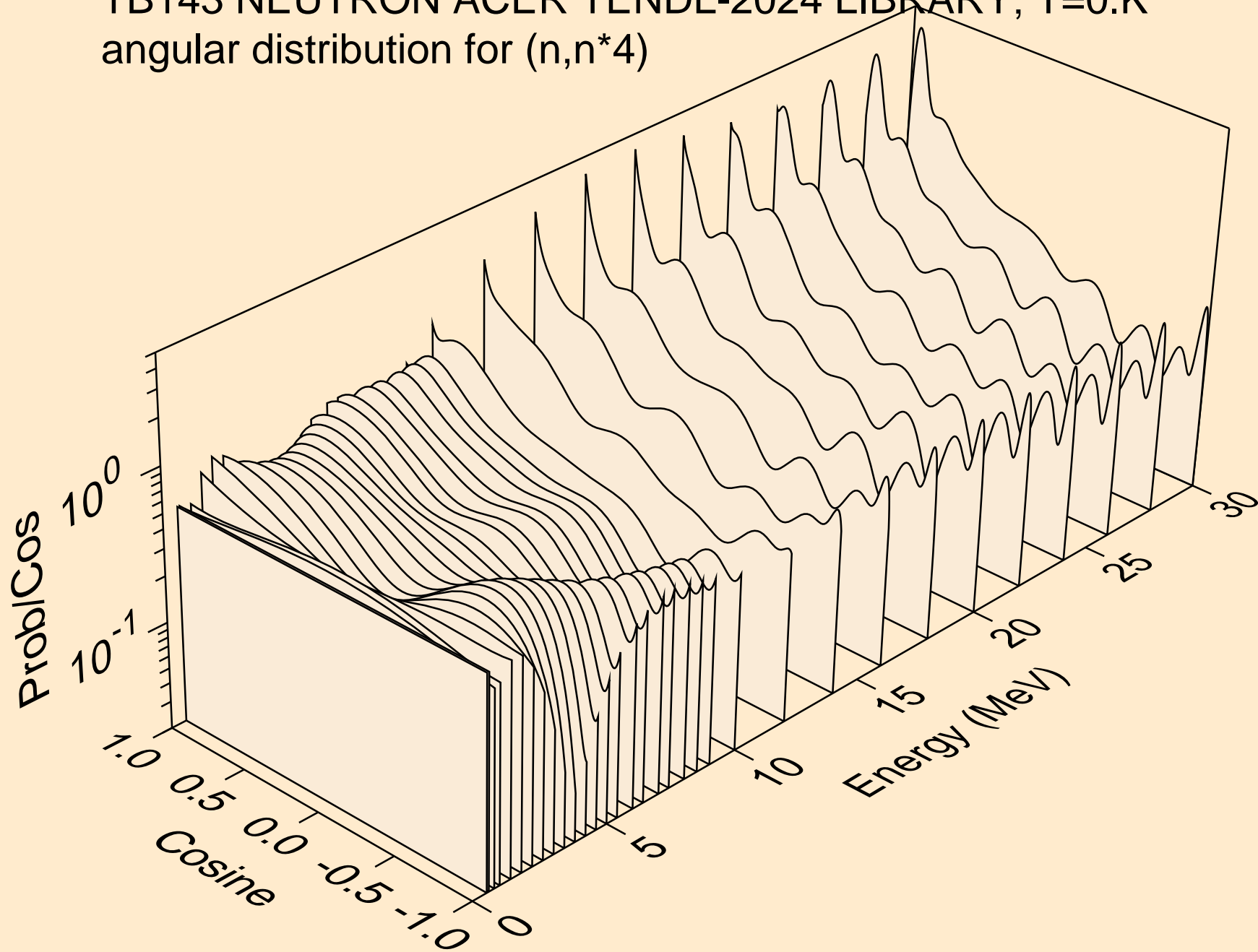




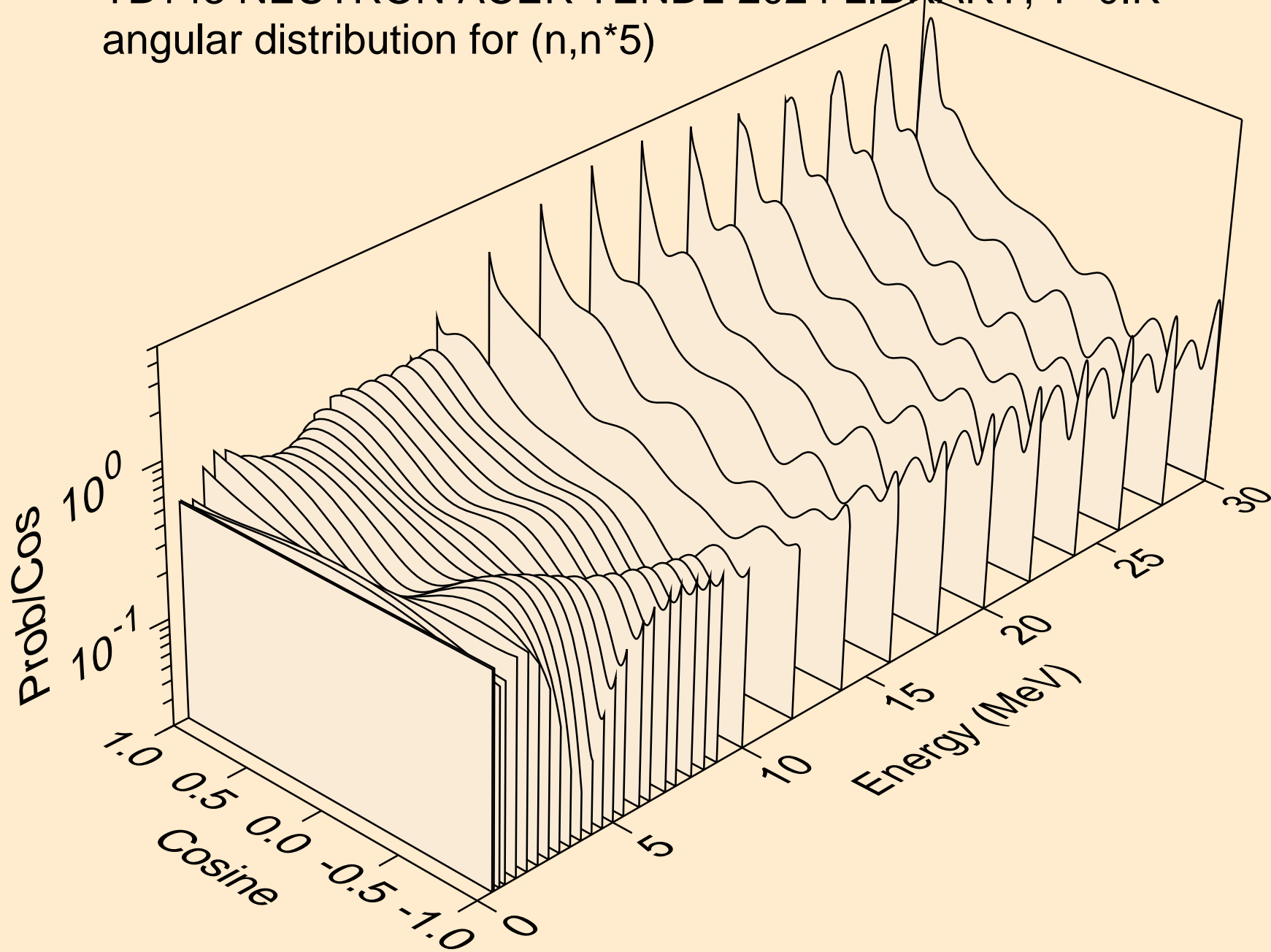
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angular distribution for (n,n\*3)



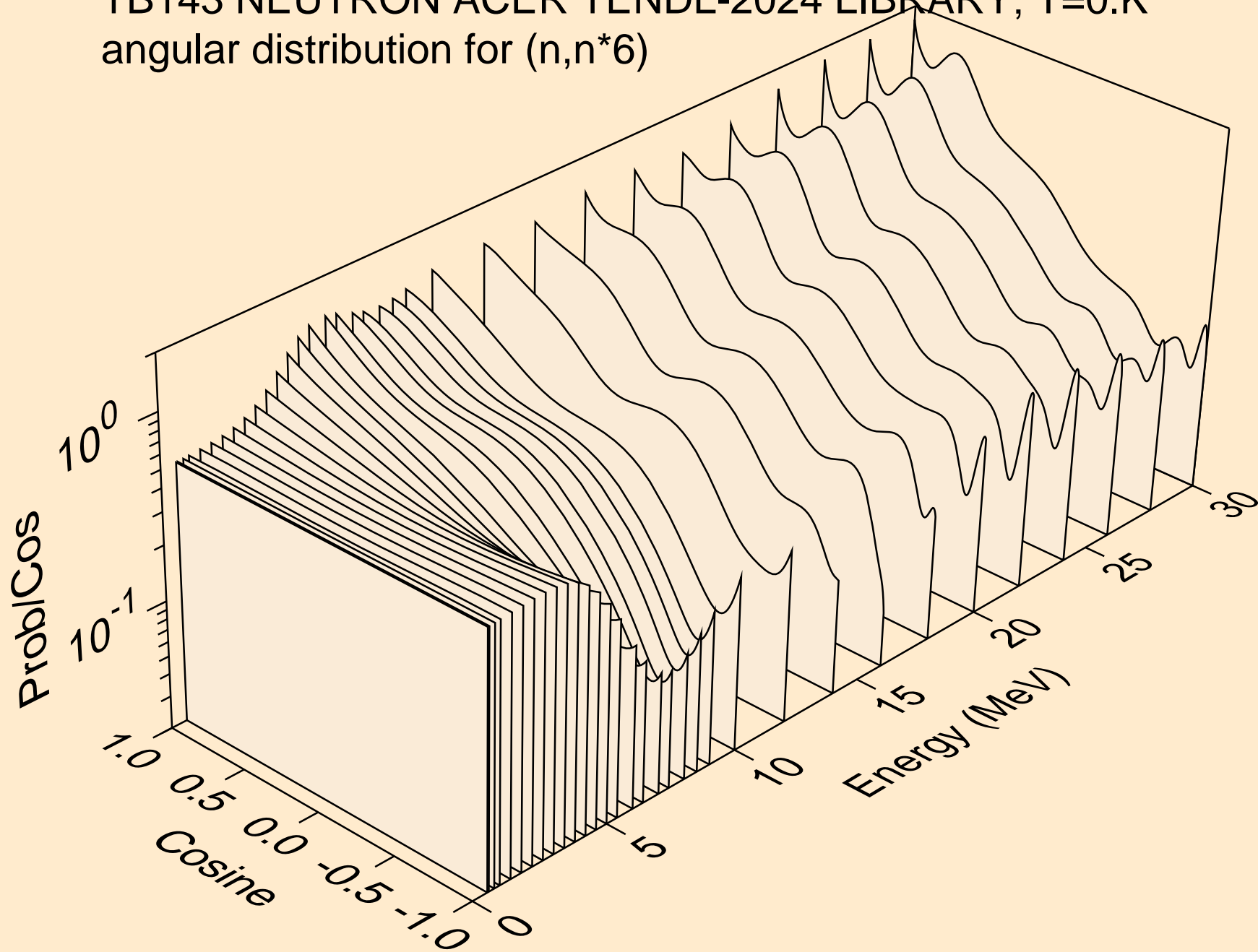
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angular distribution for (n,n\*4)



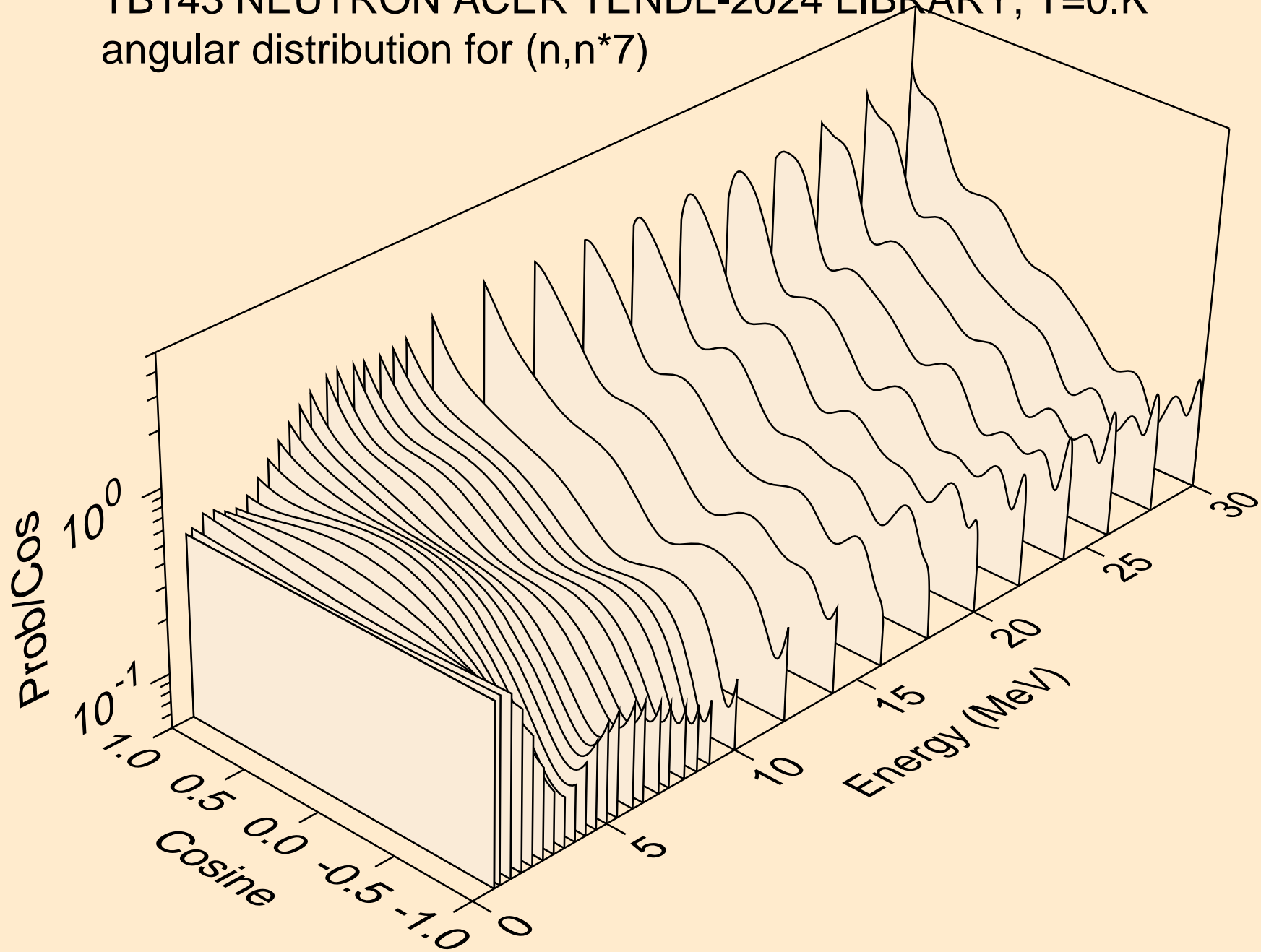
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



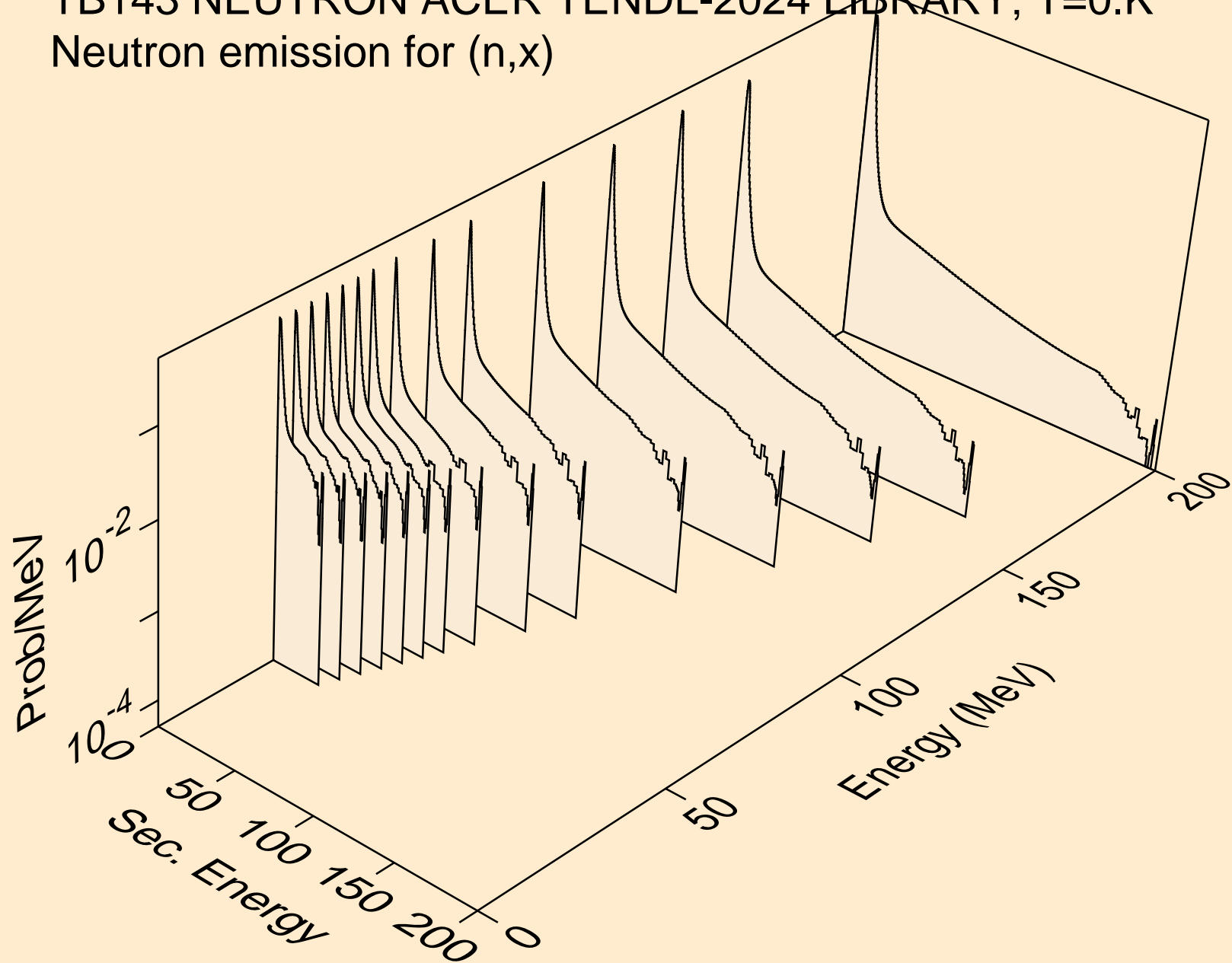
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



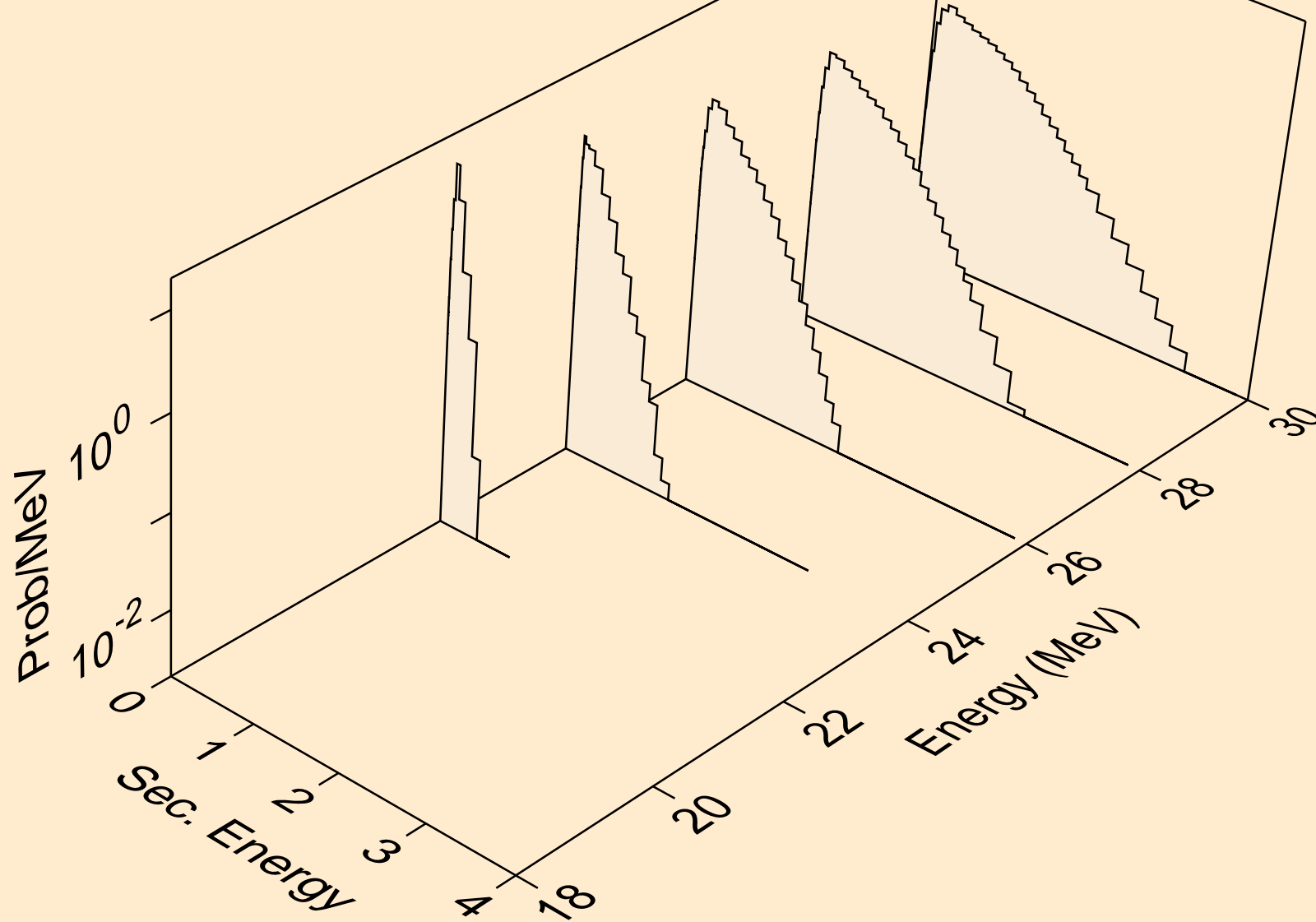
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



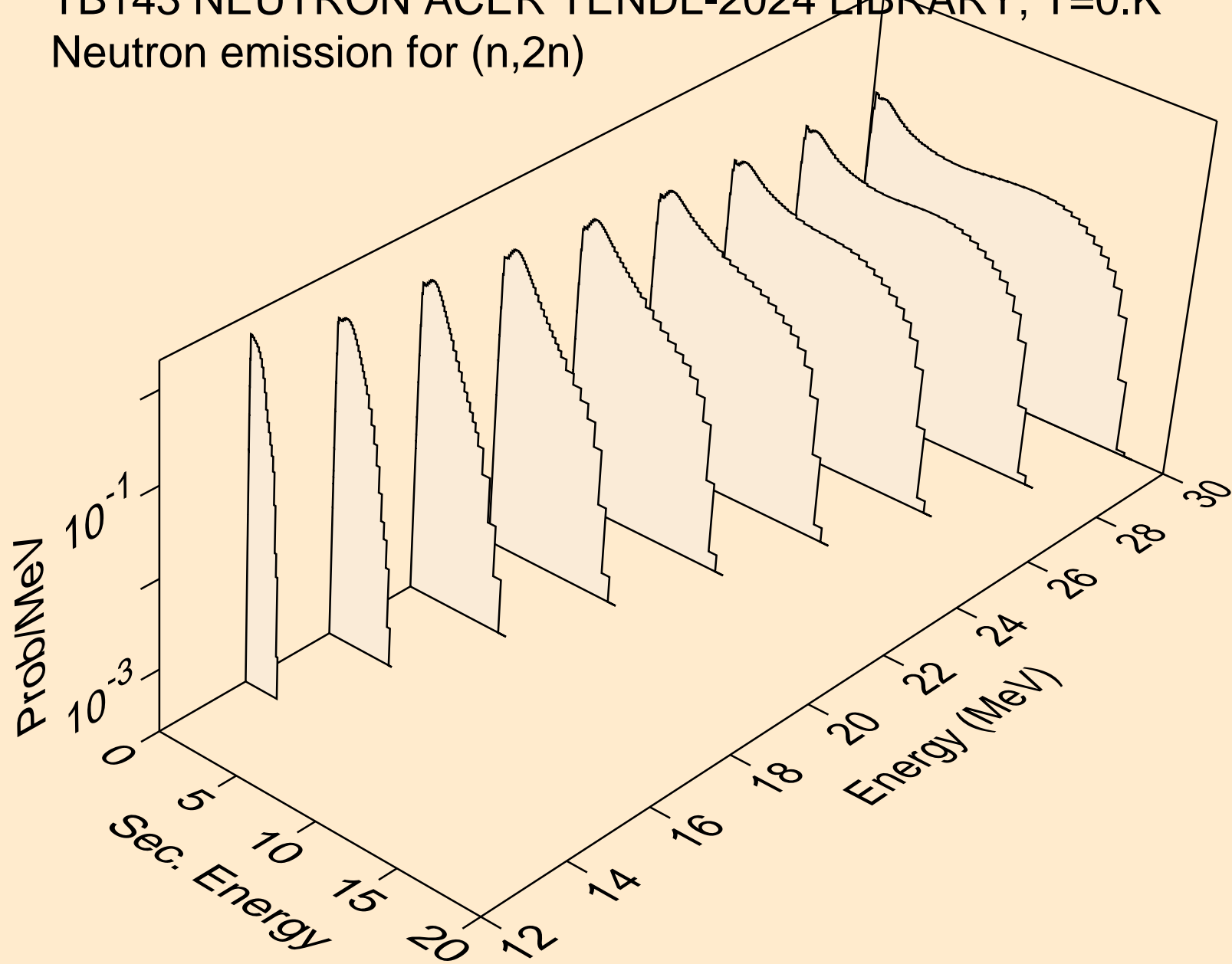
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

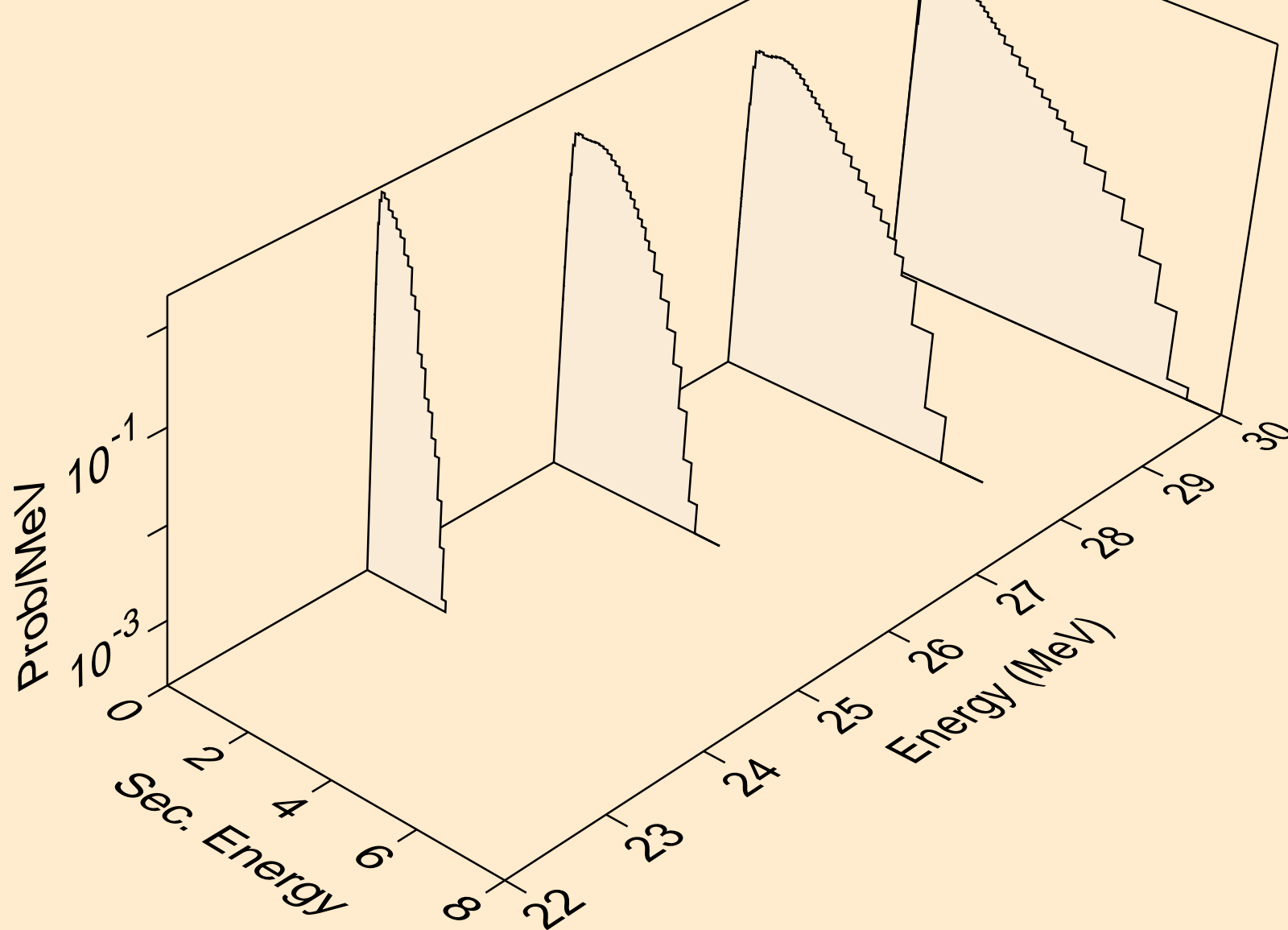


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

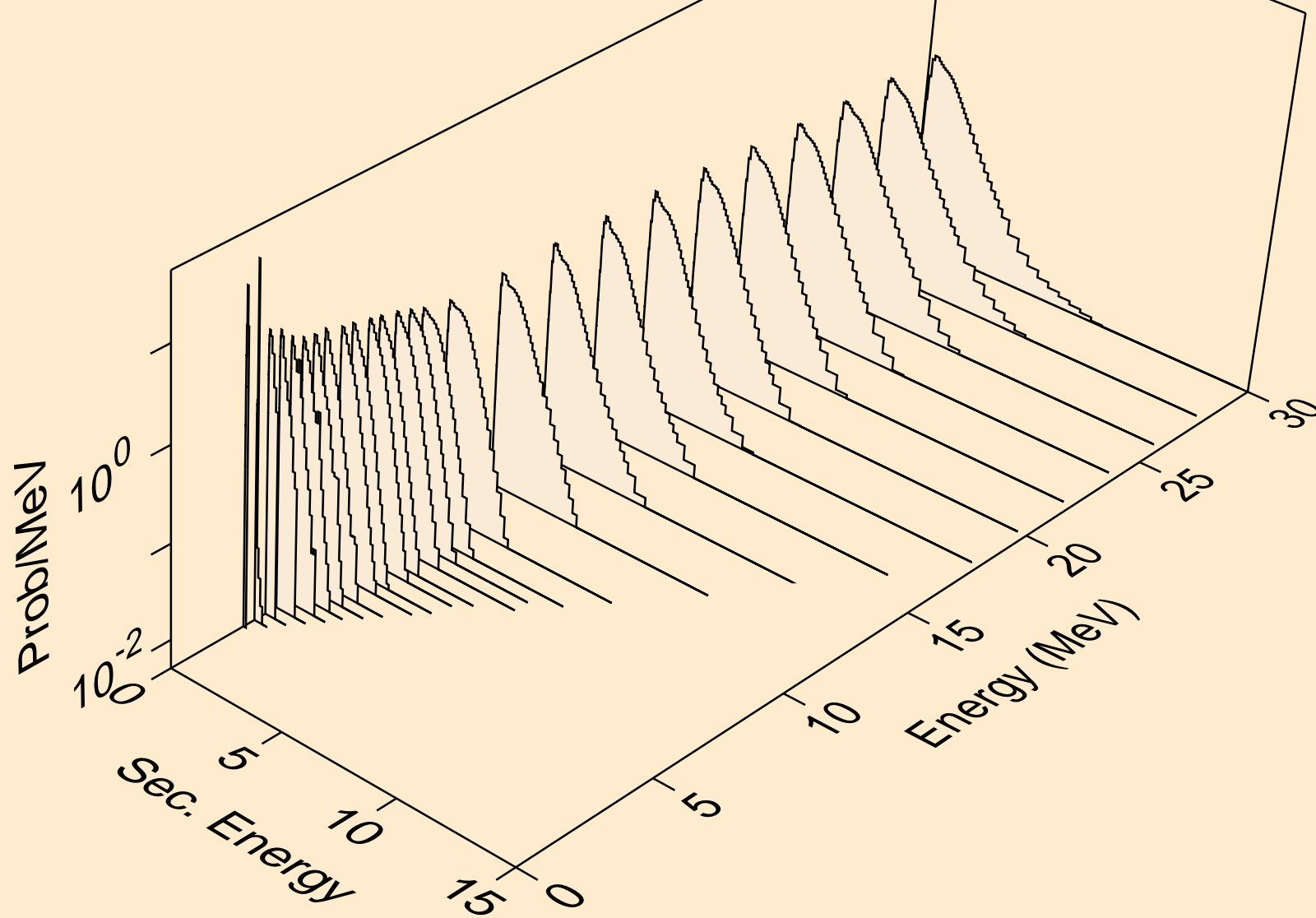




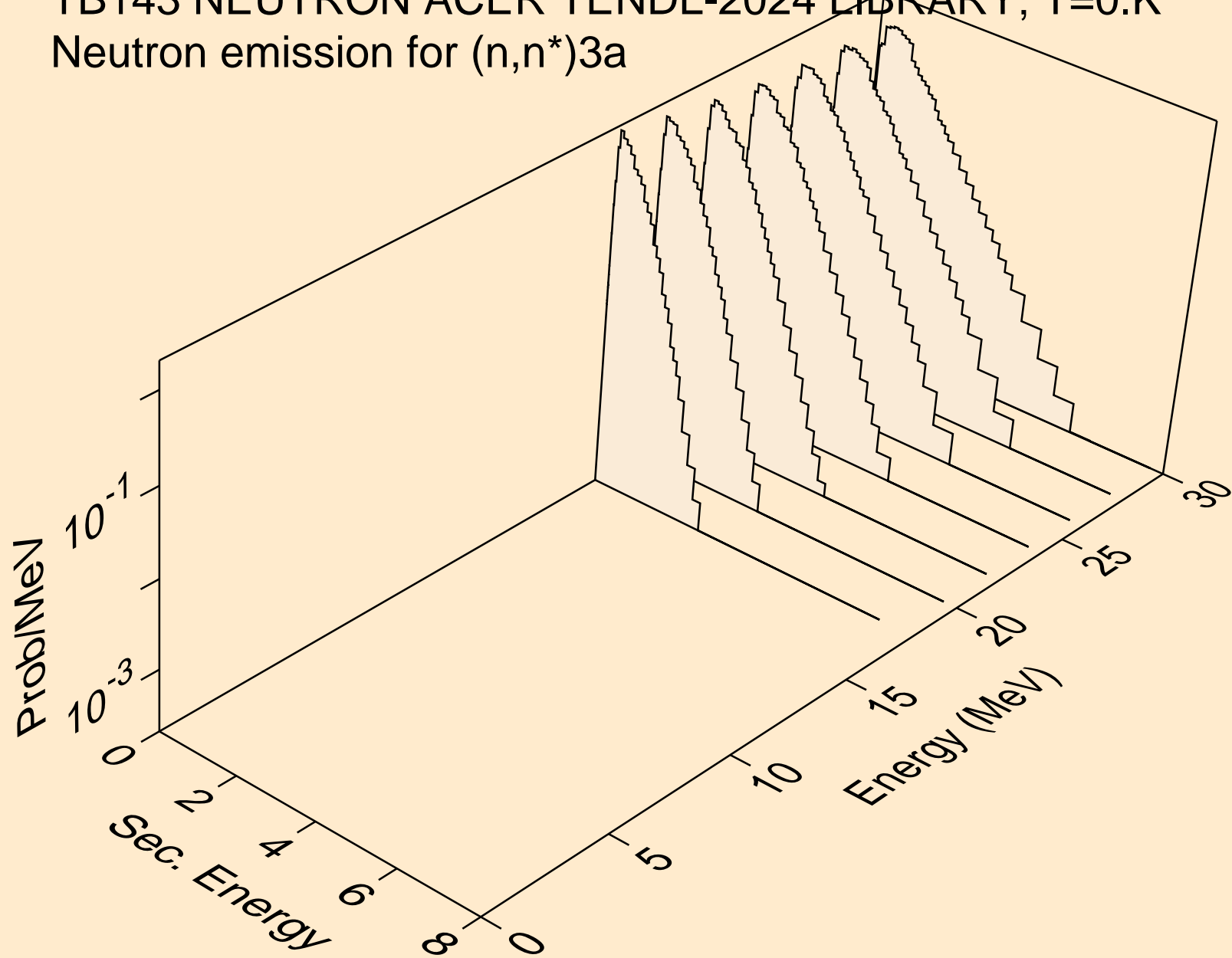
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



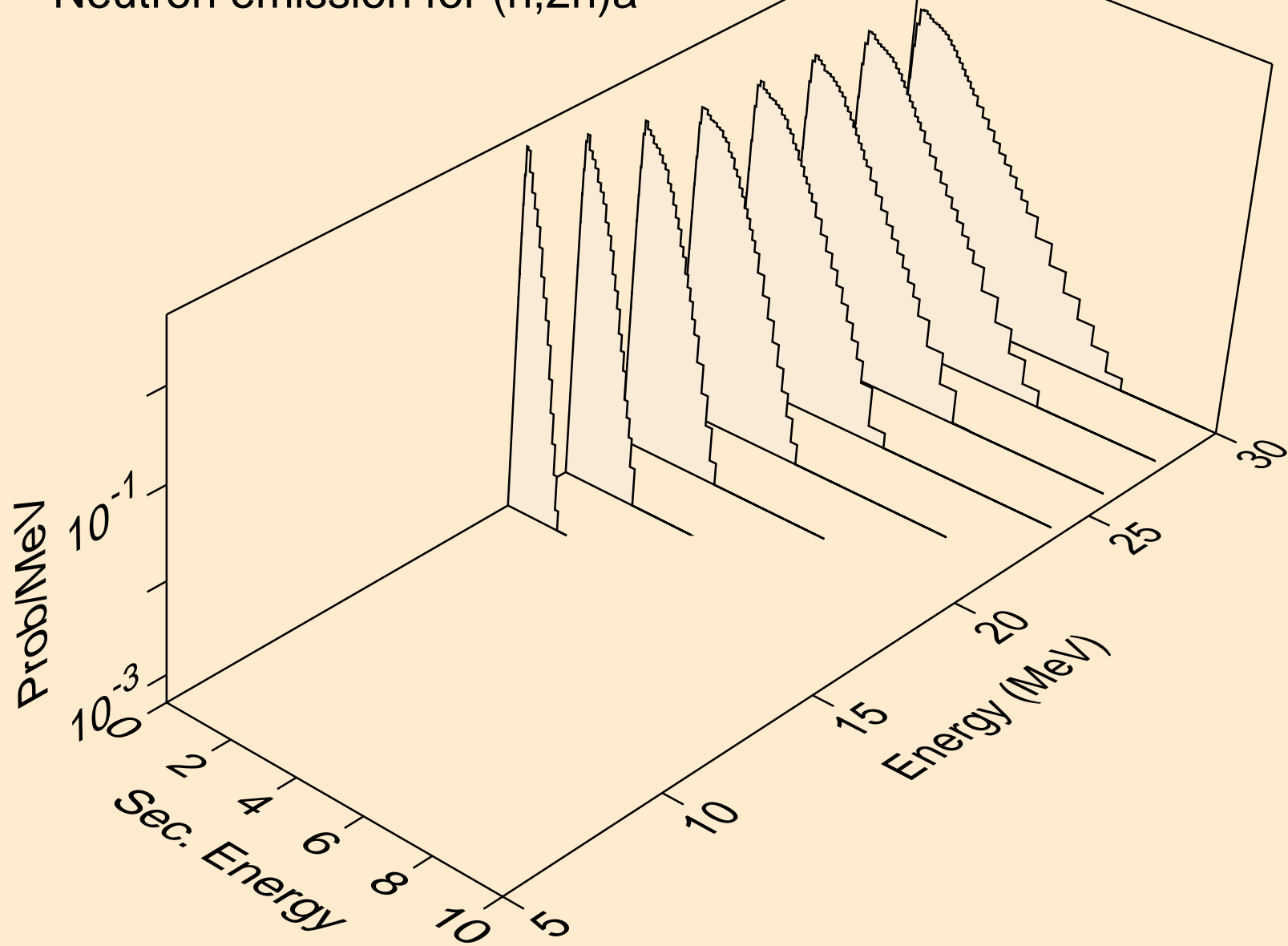
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



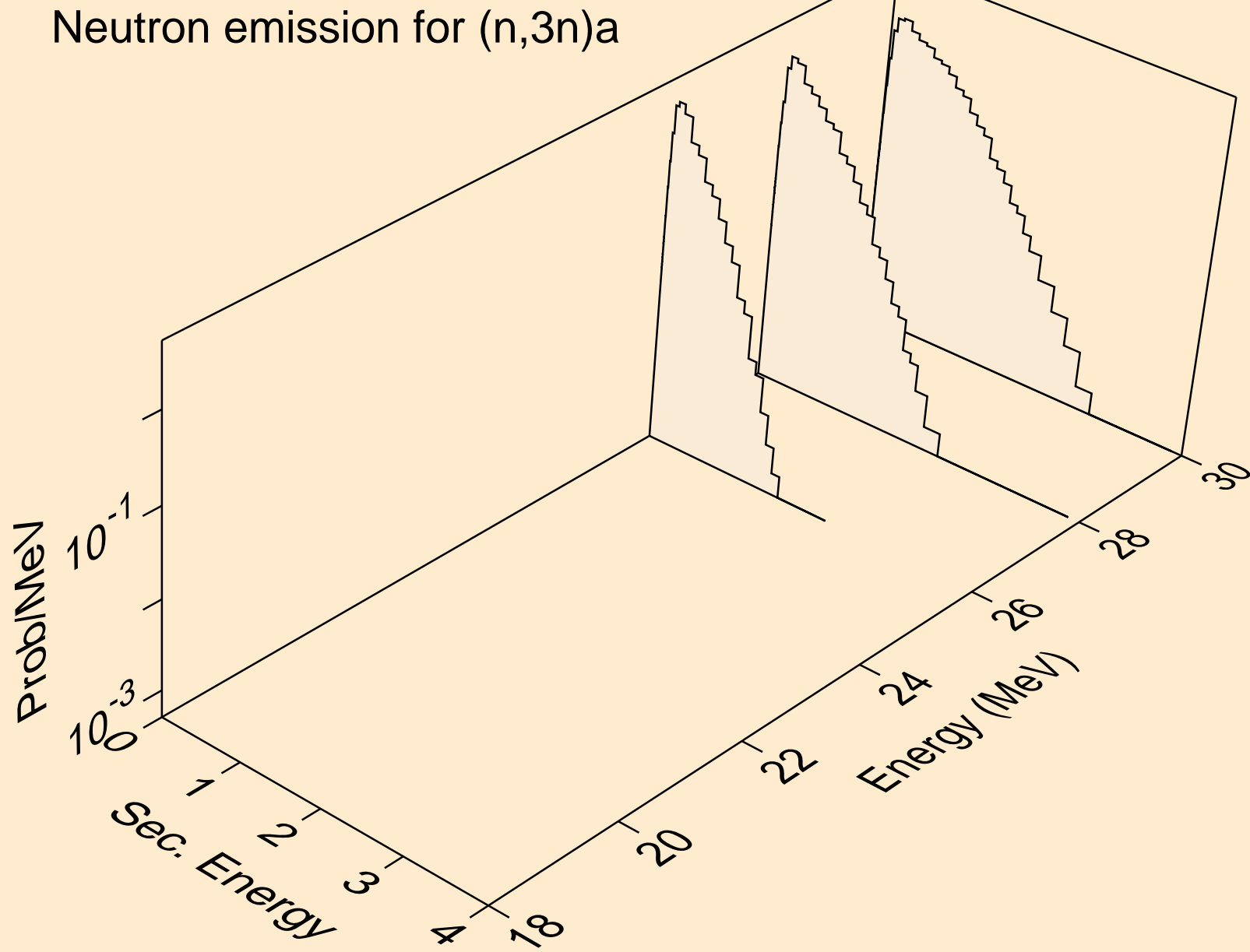
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)3a



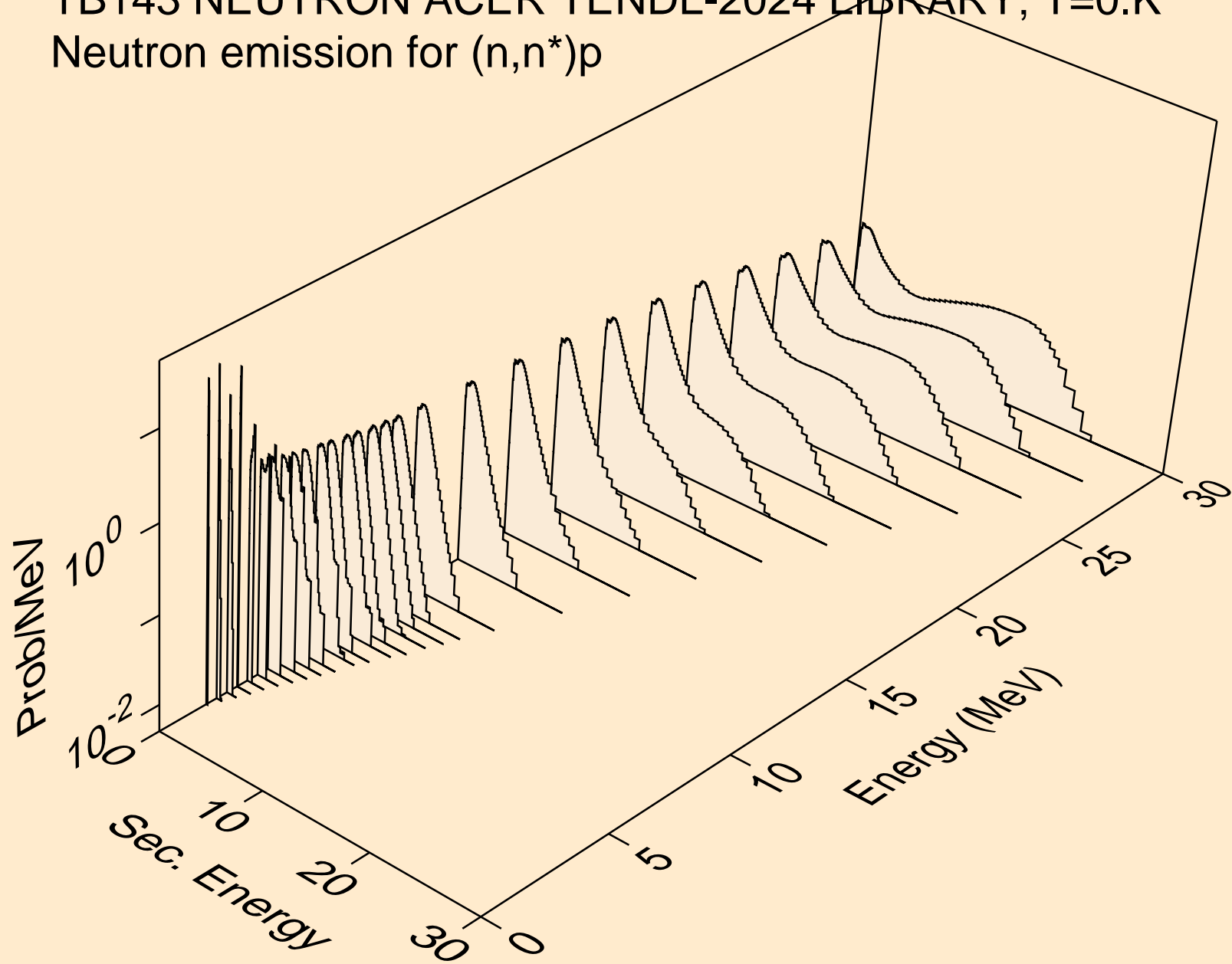
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



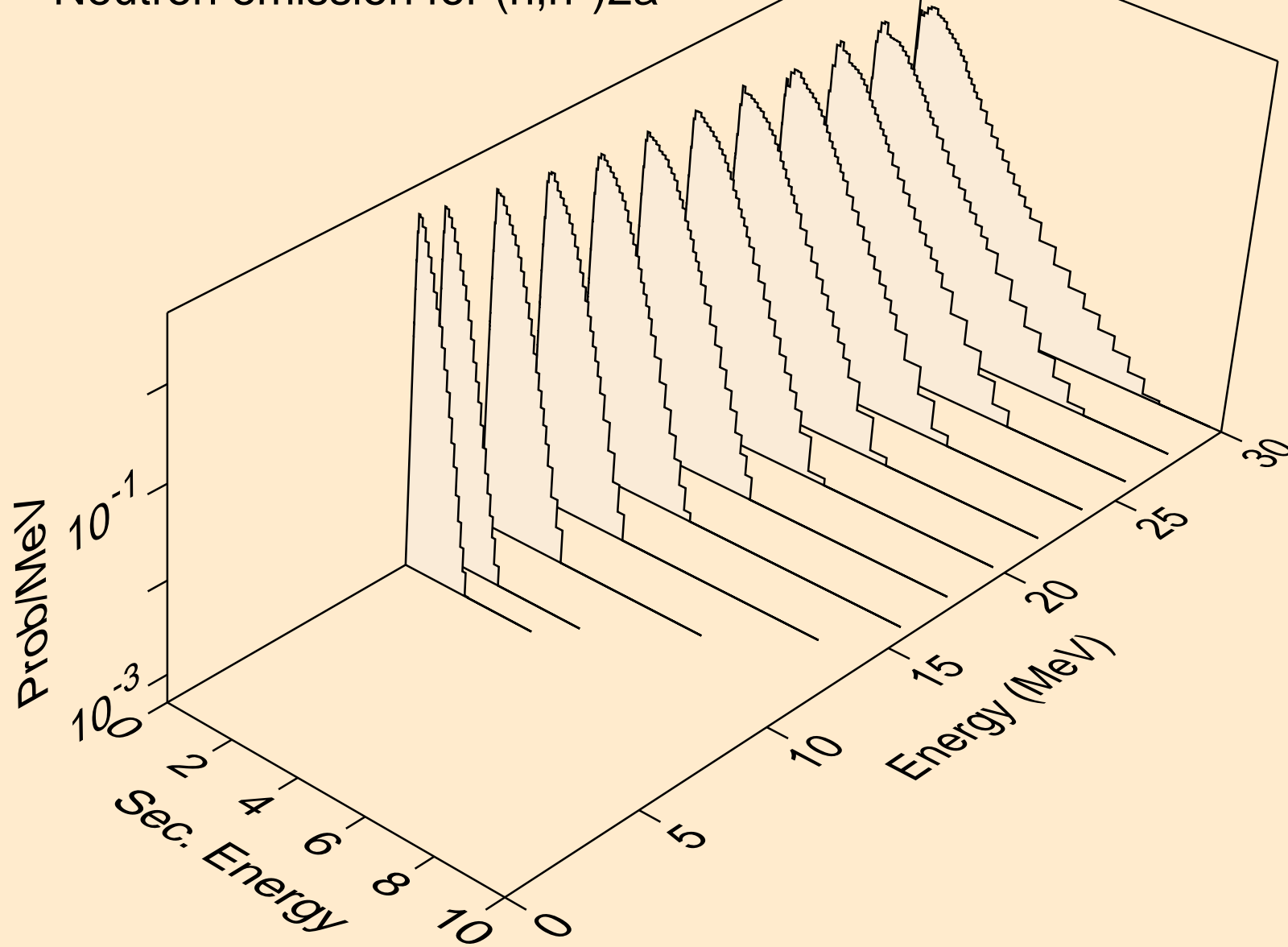
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



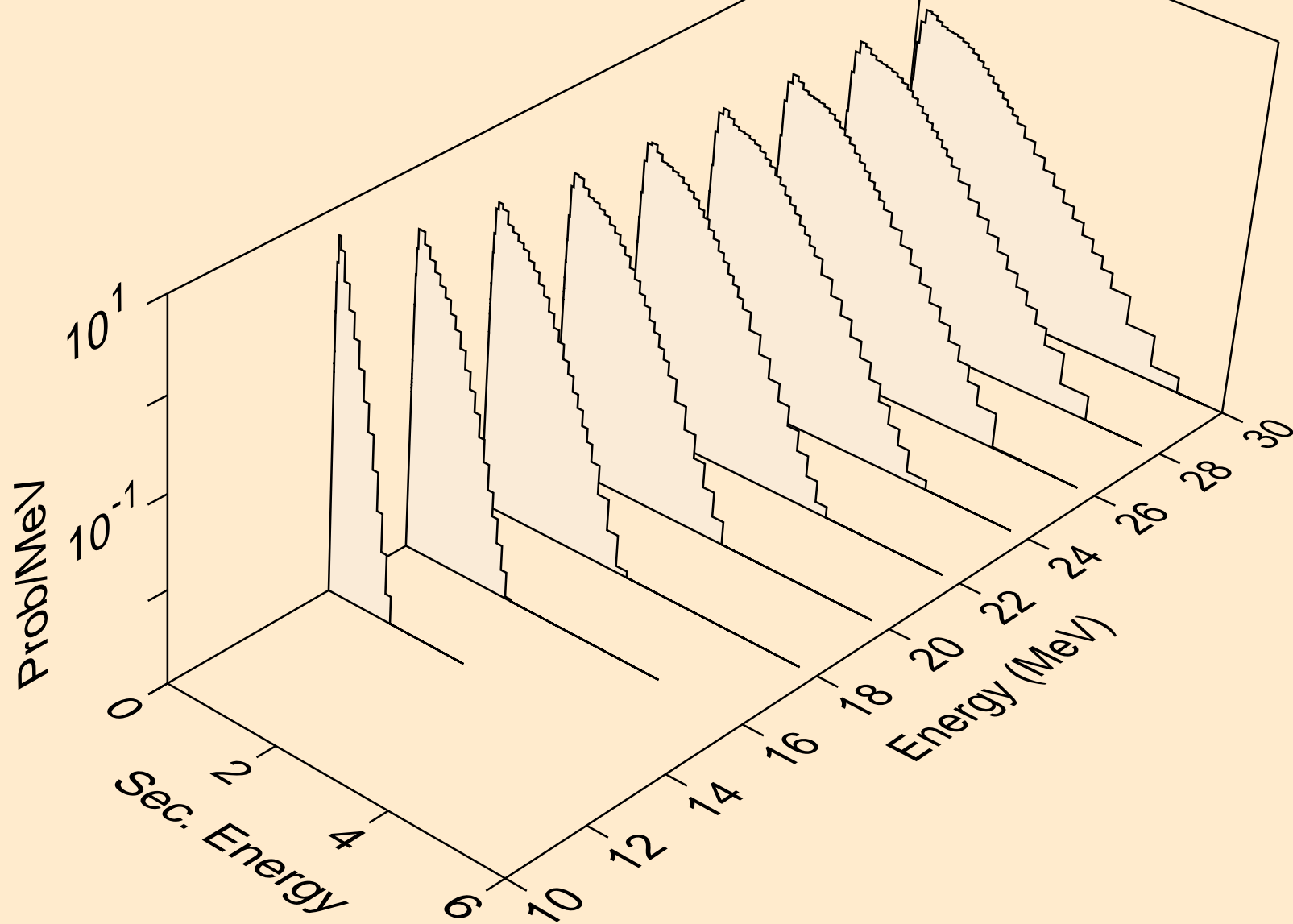
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

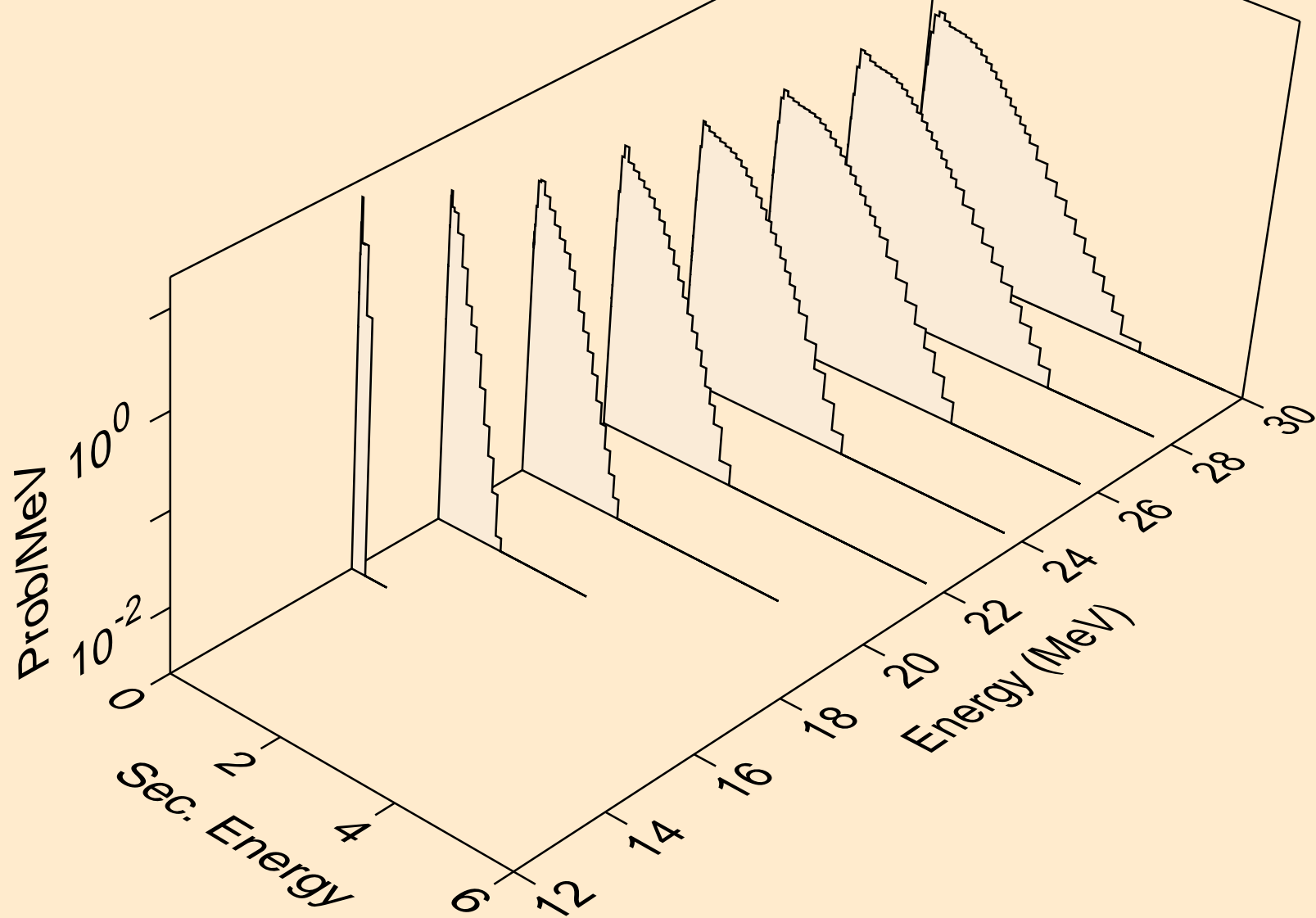


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

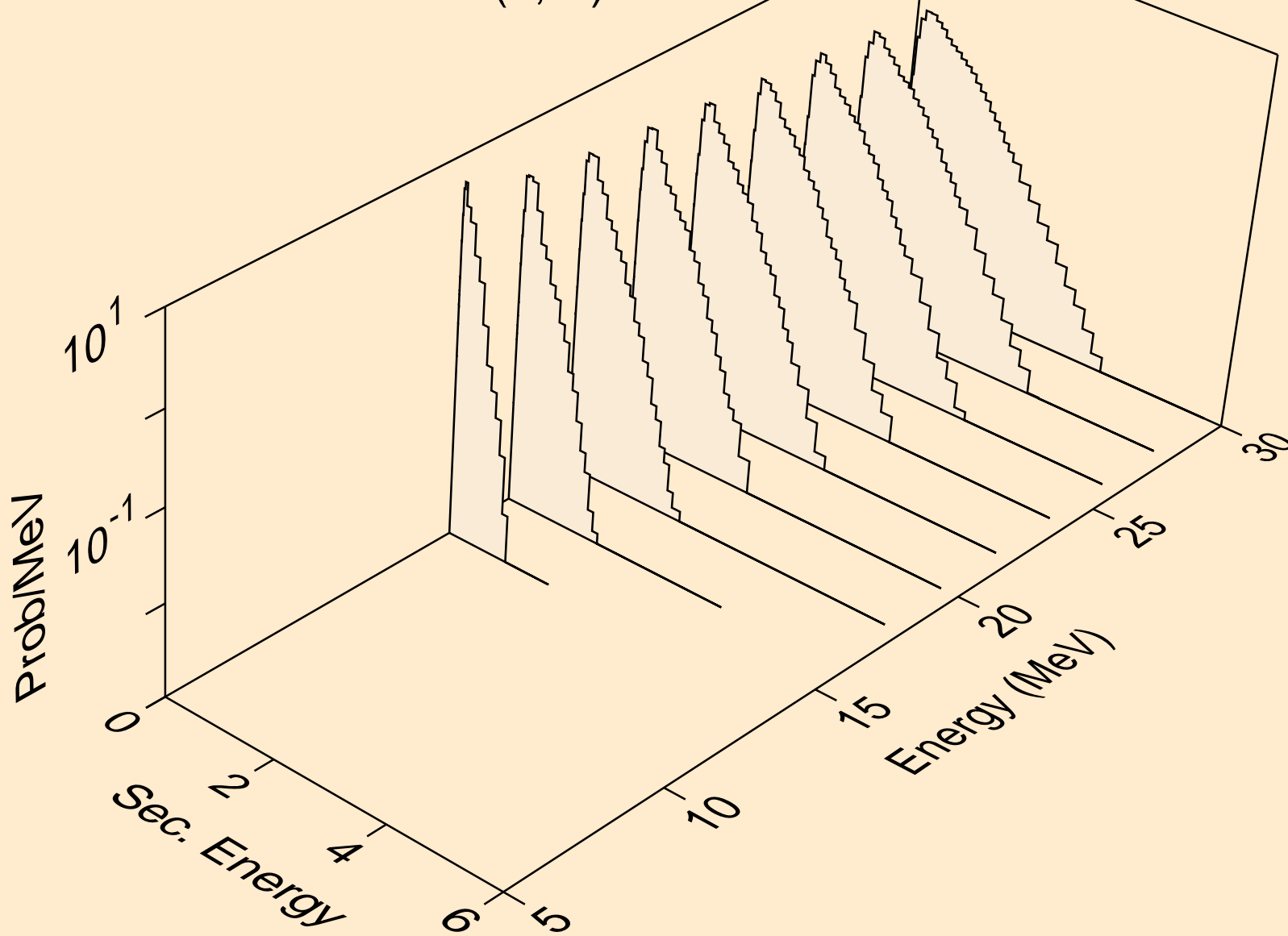




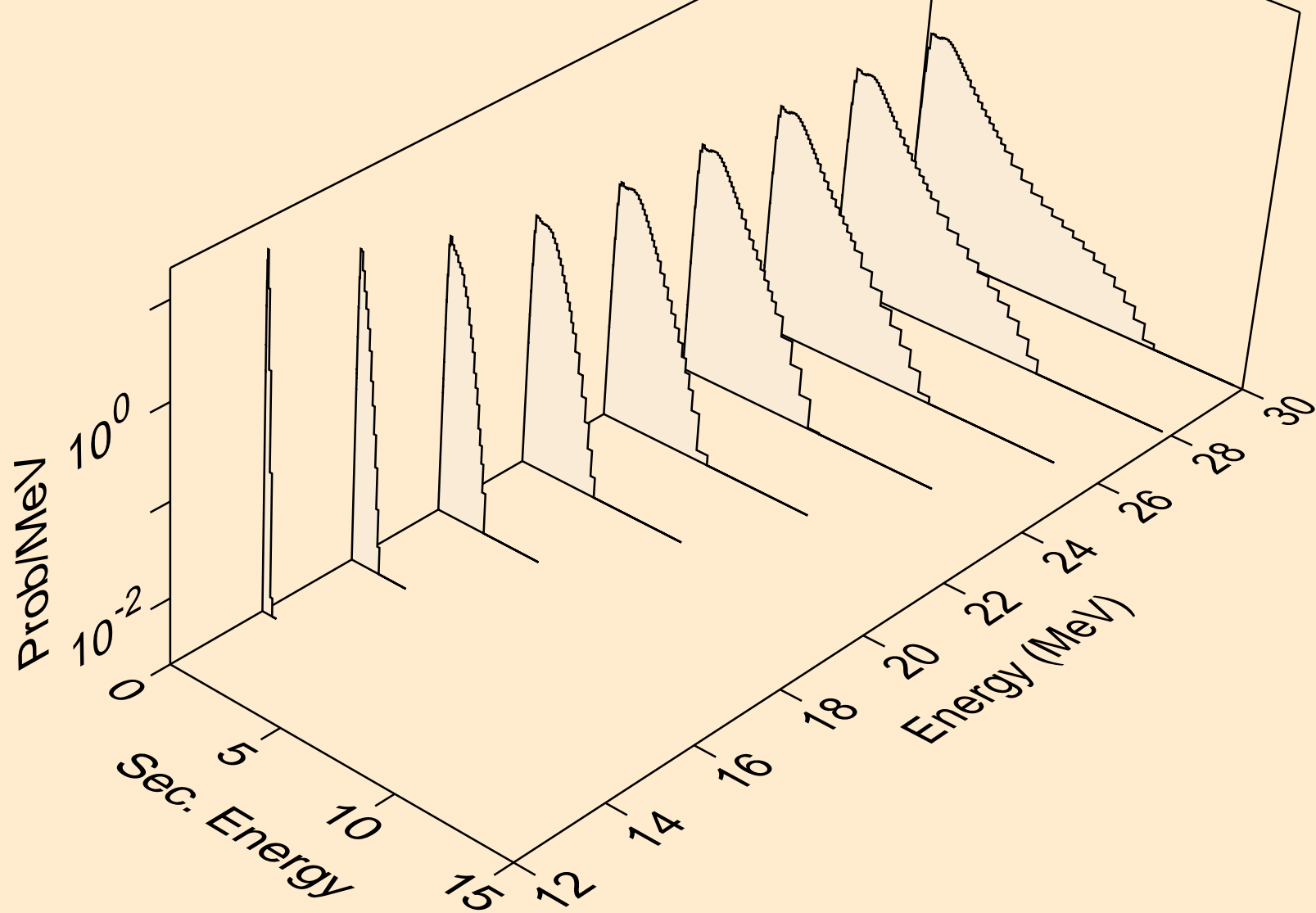
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



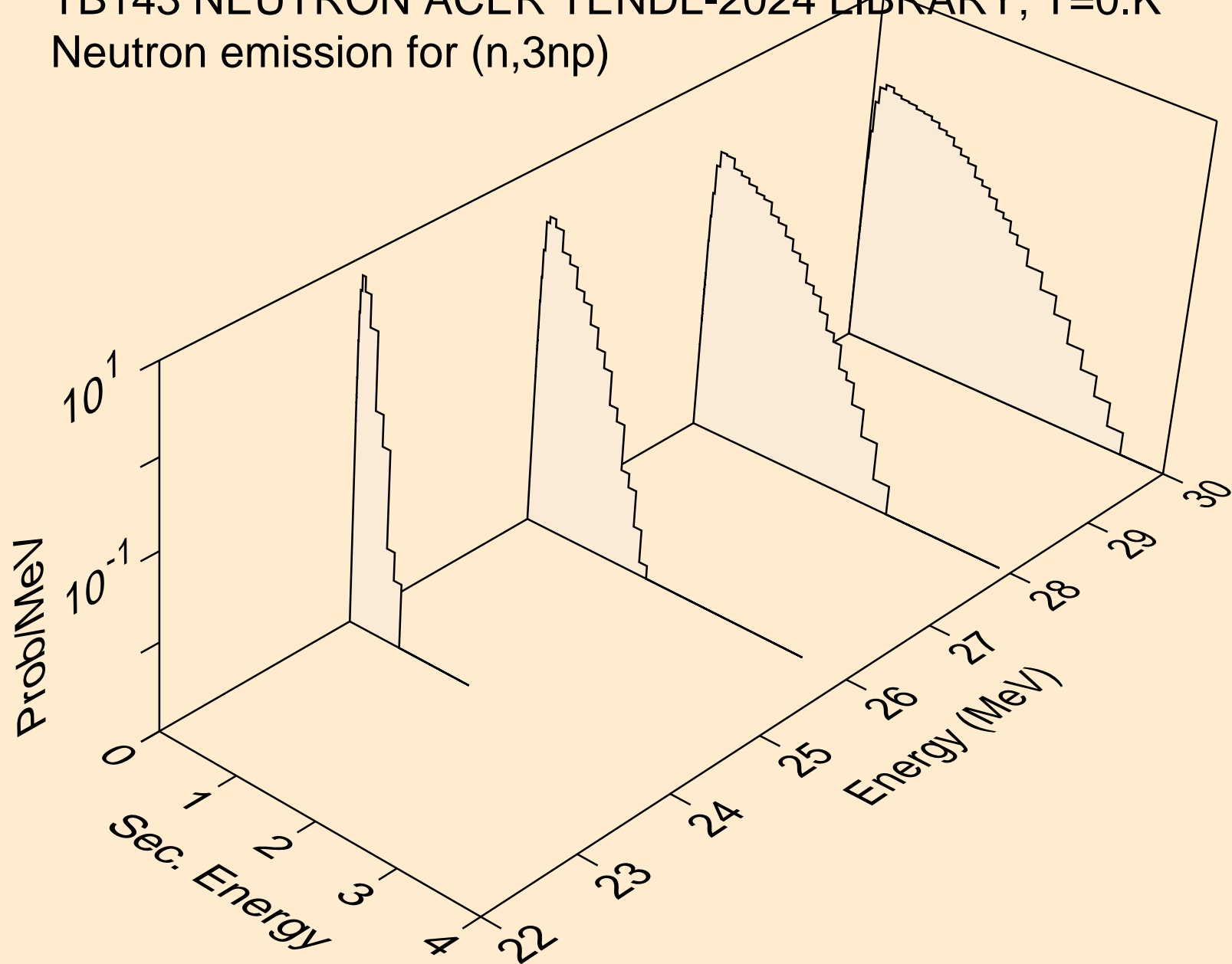
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



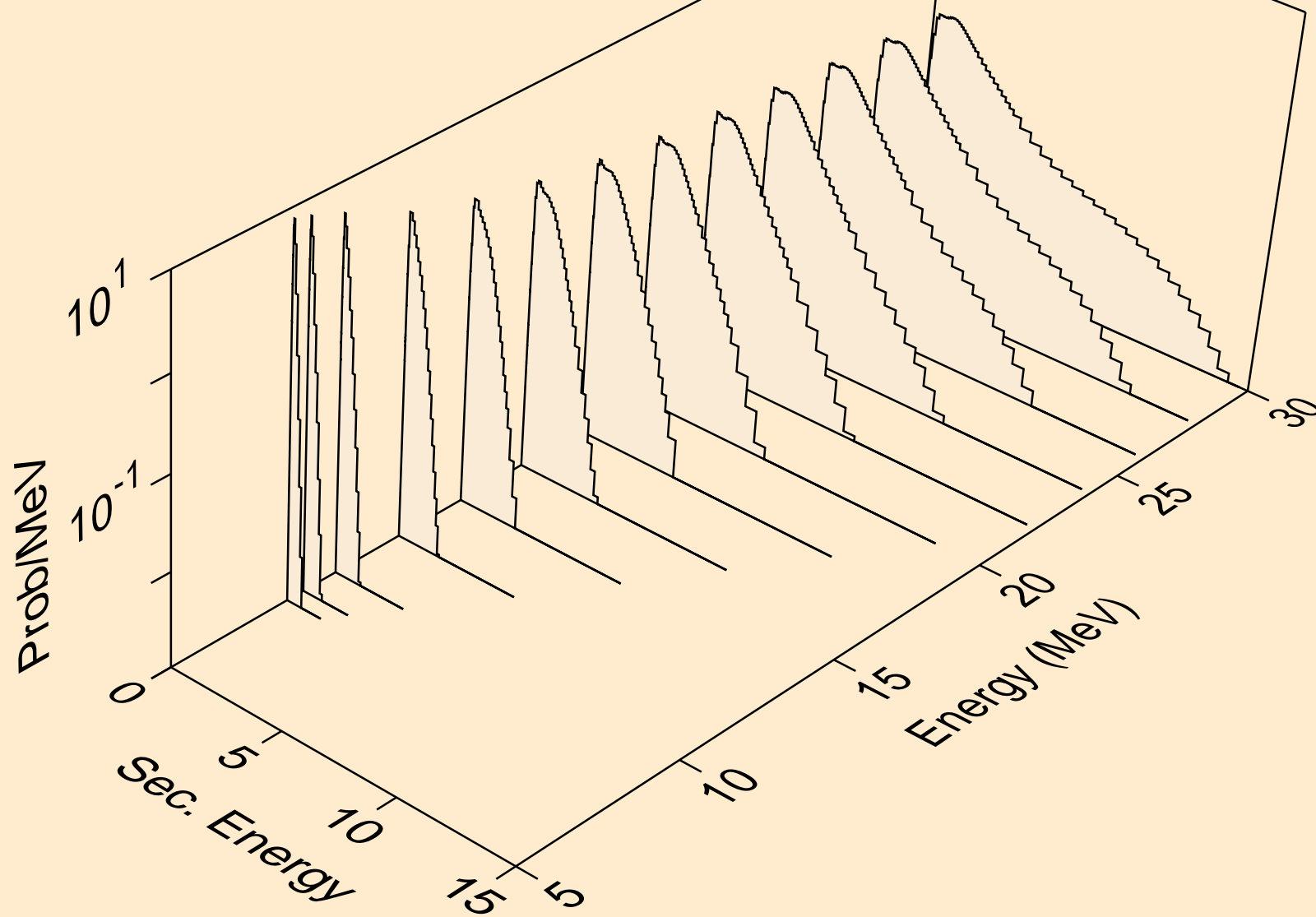
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



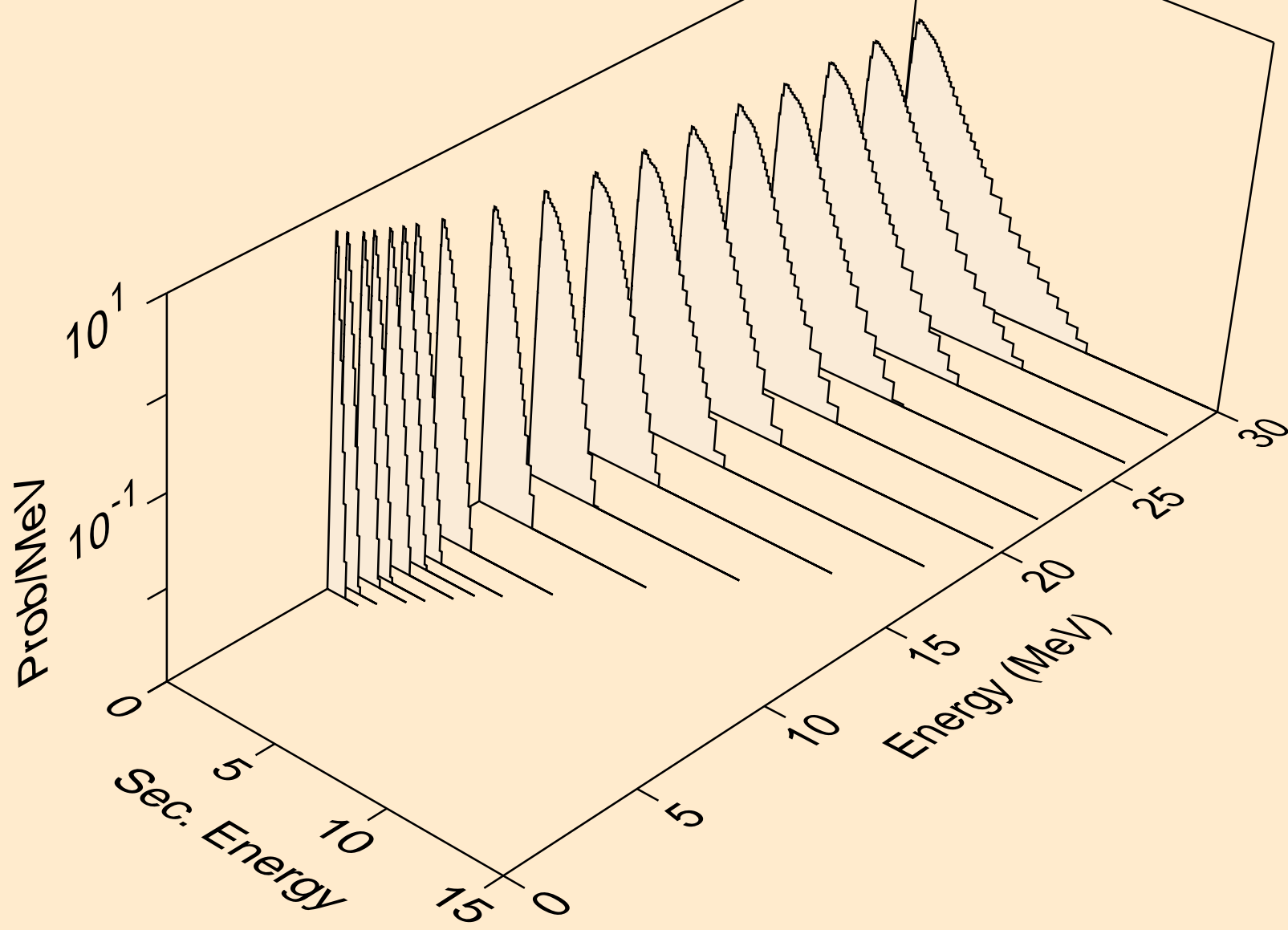
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Neutron emission for (n,3np)



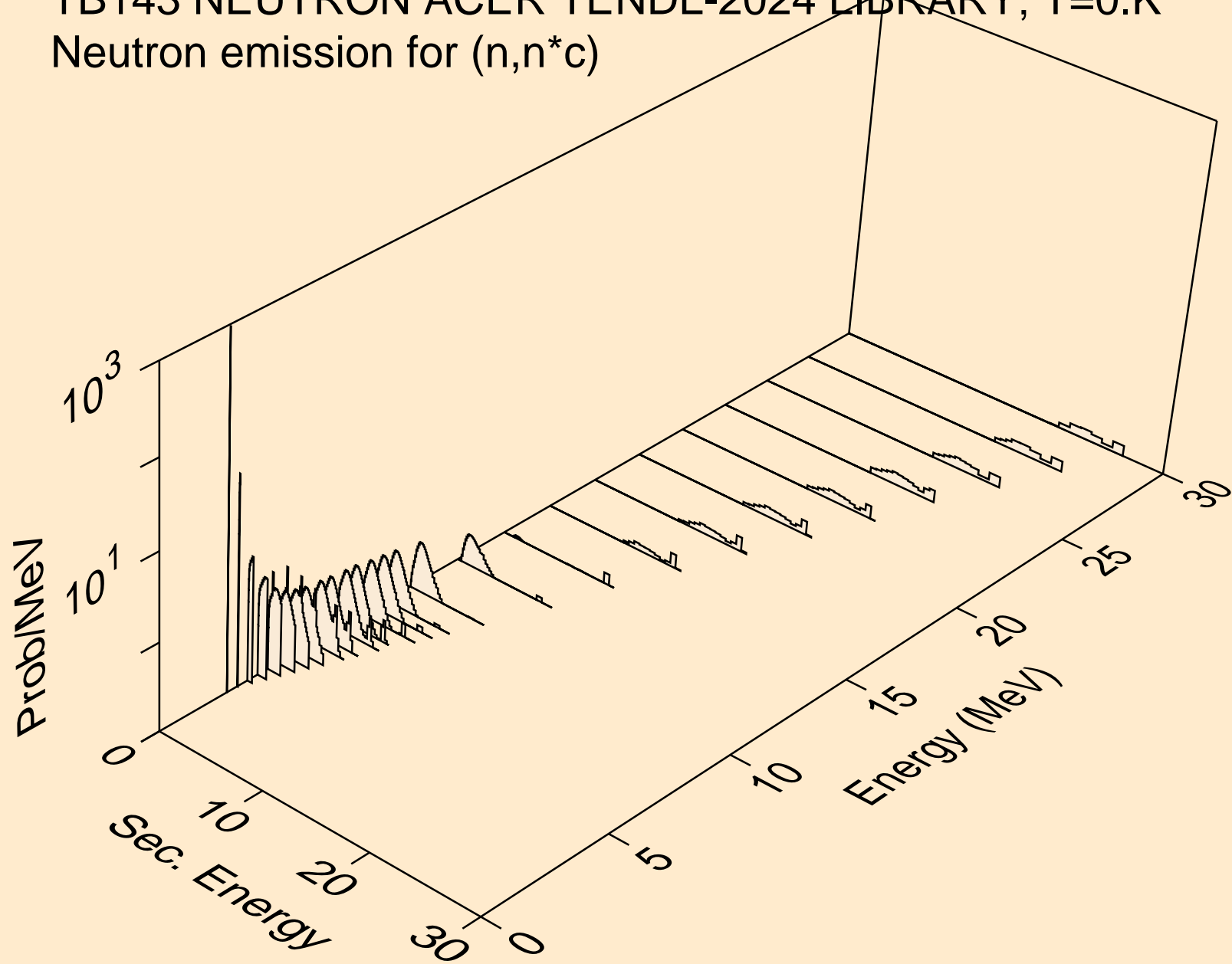
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Neutron emission for (n,n2p)



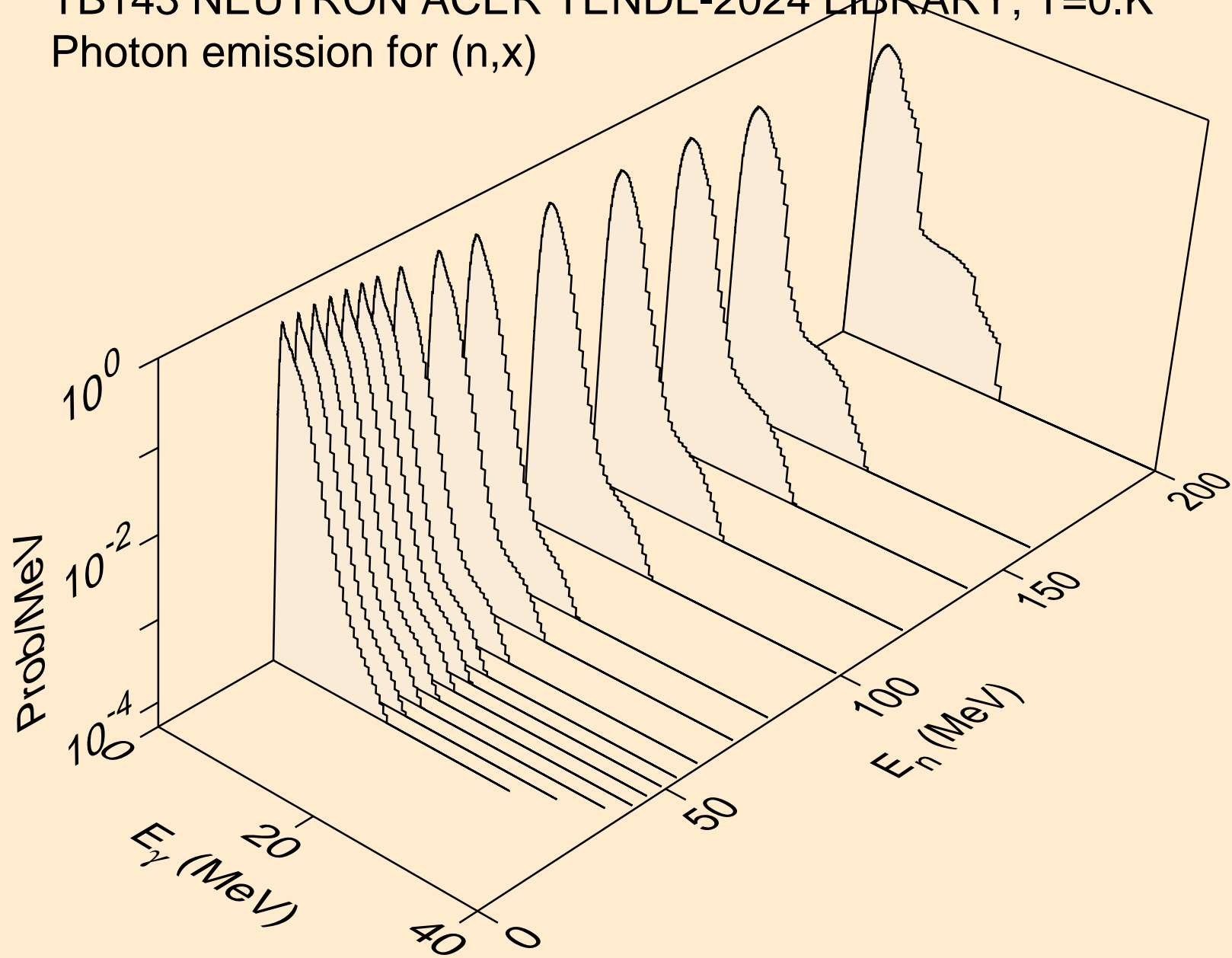
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

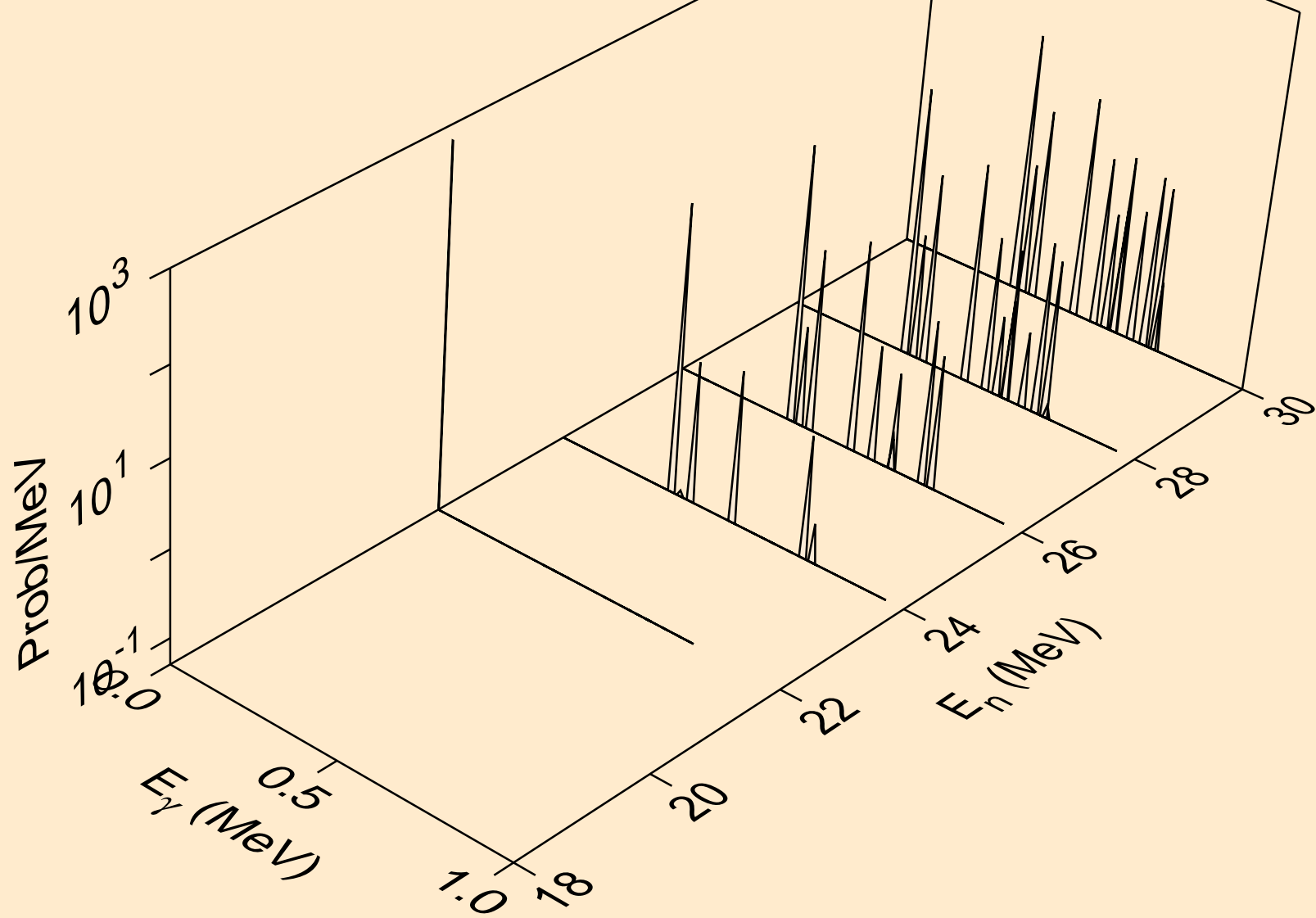


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

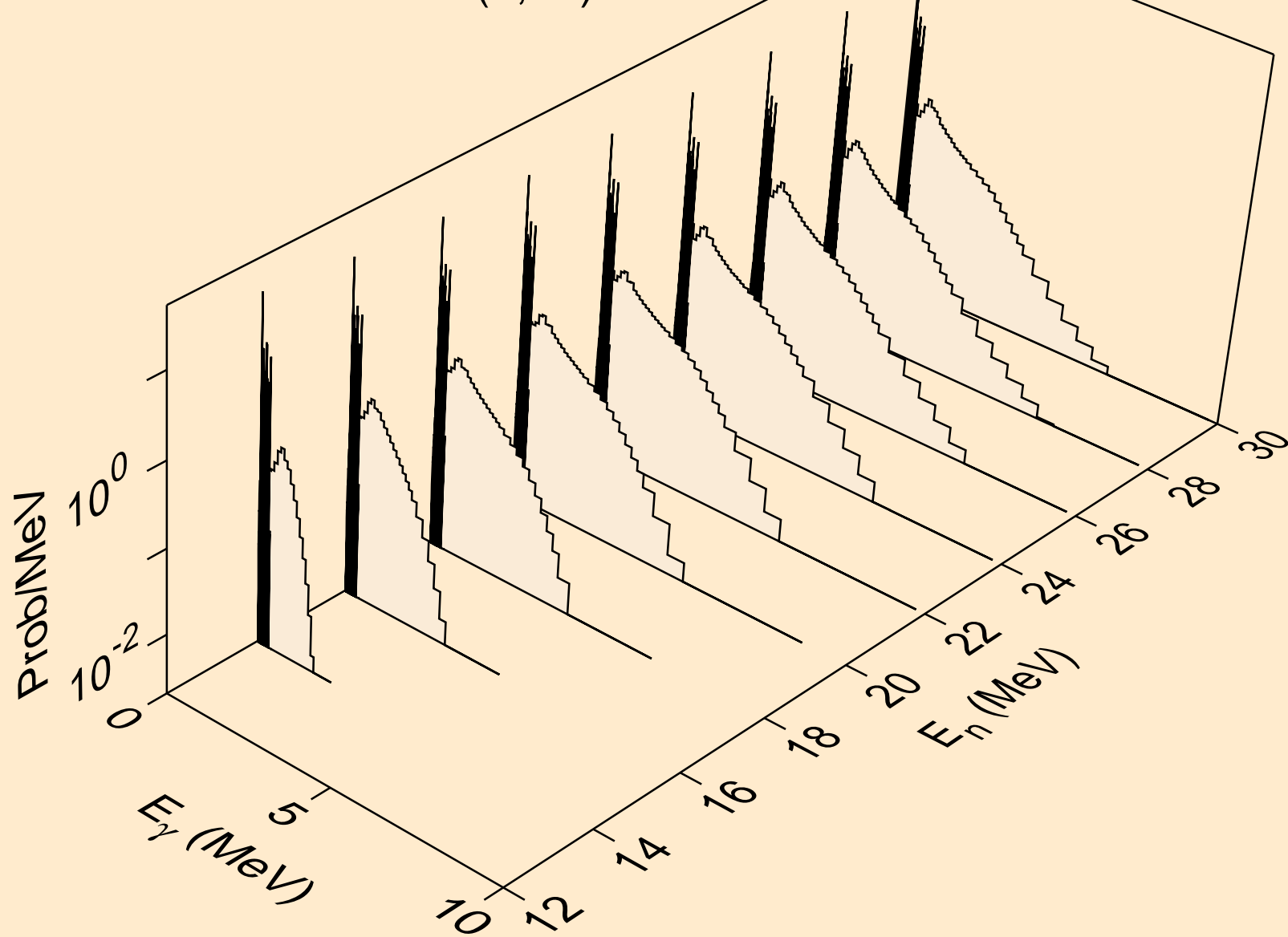




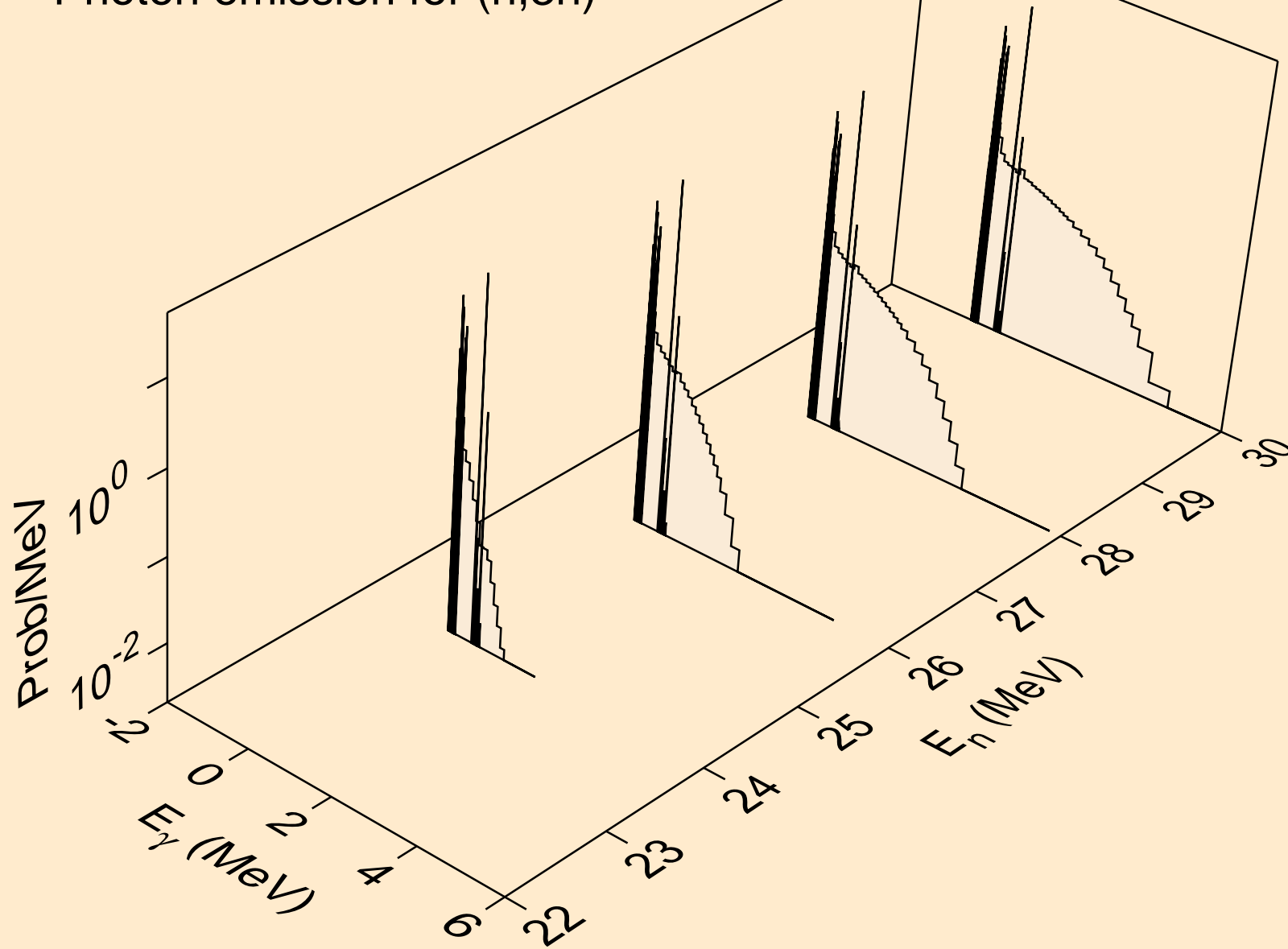
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



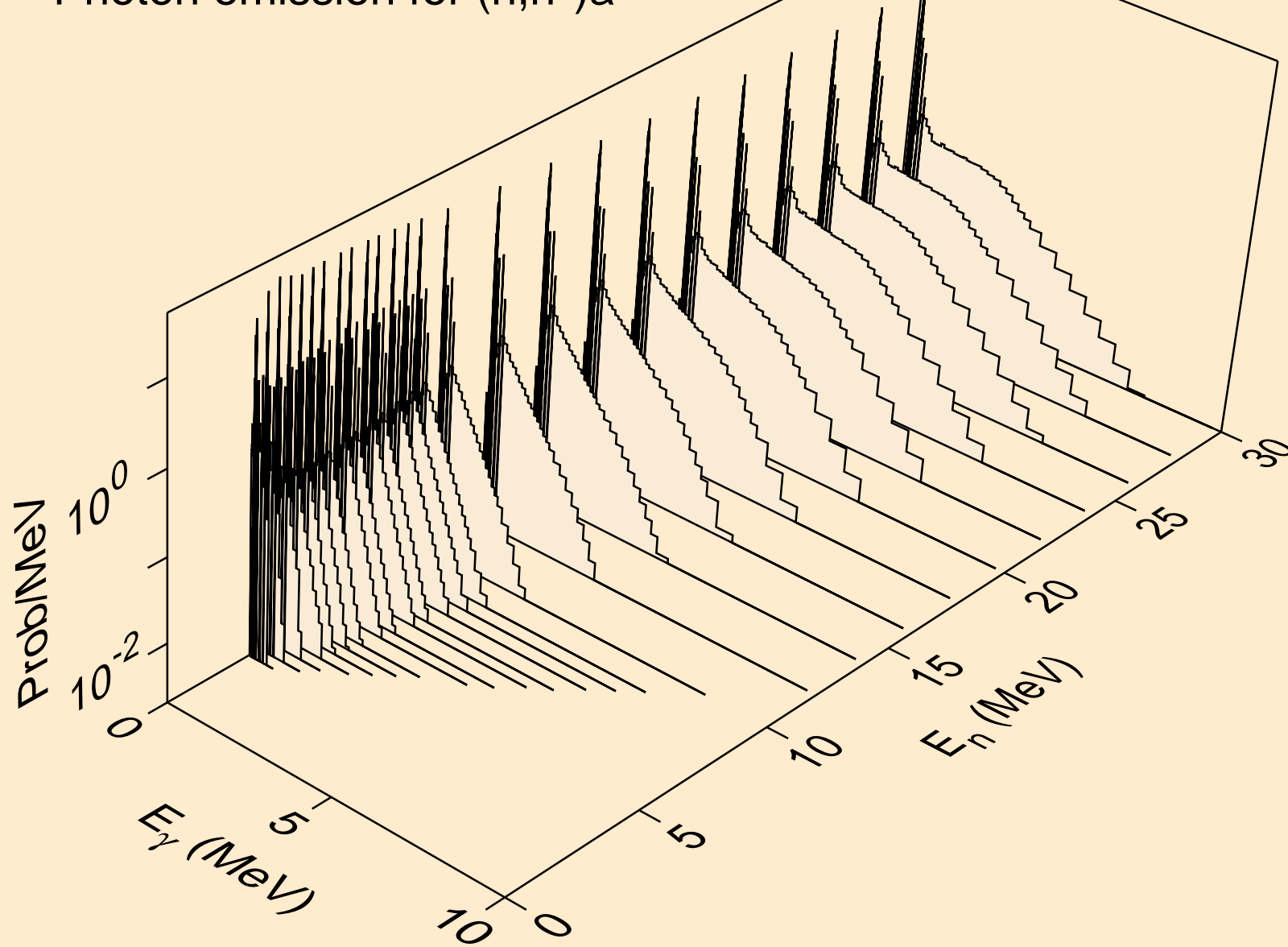
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



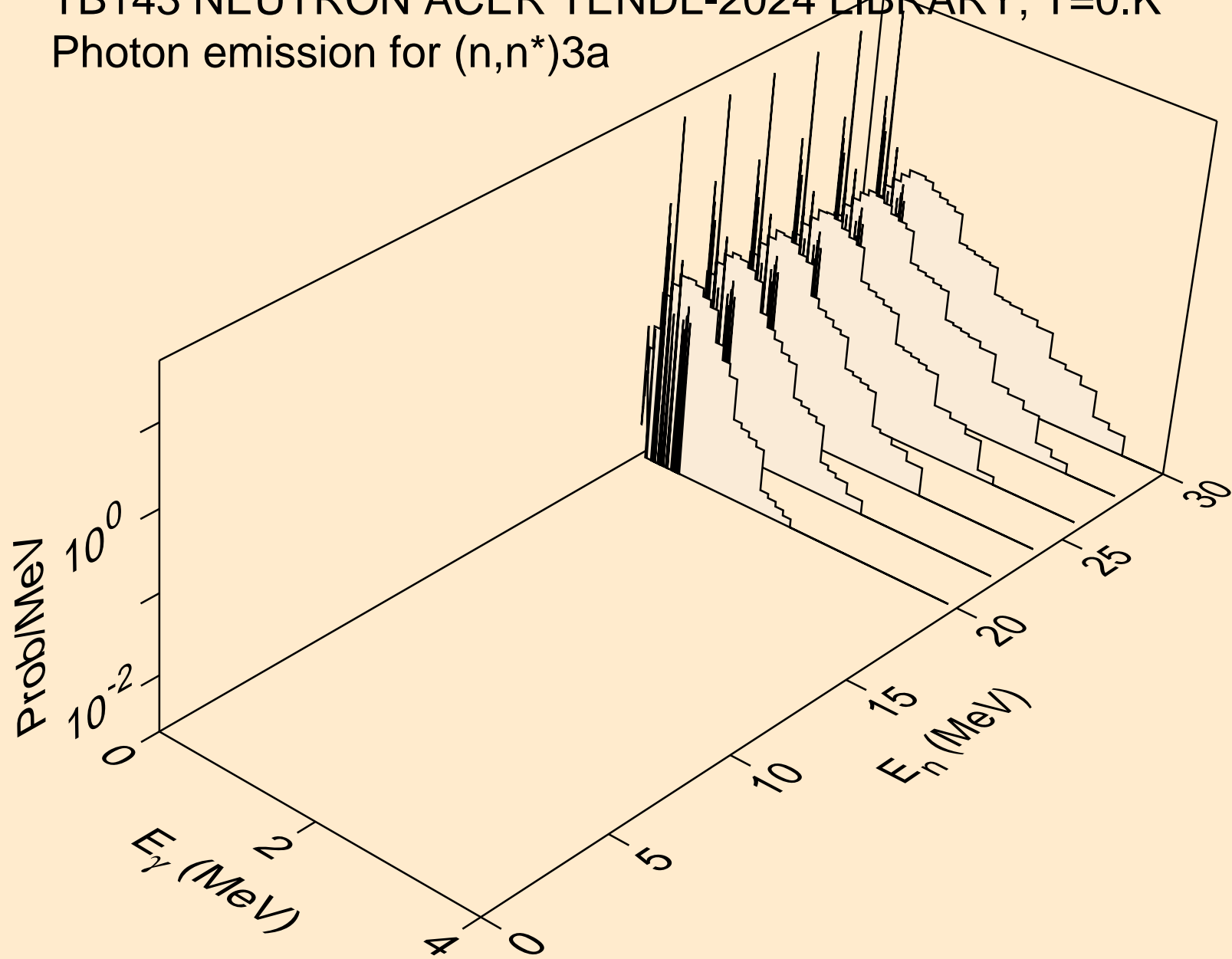
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



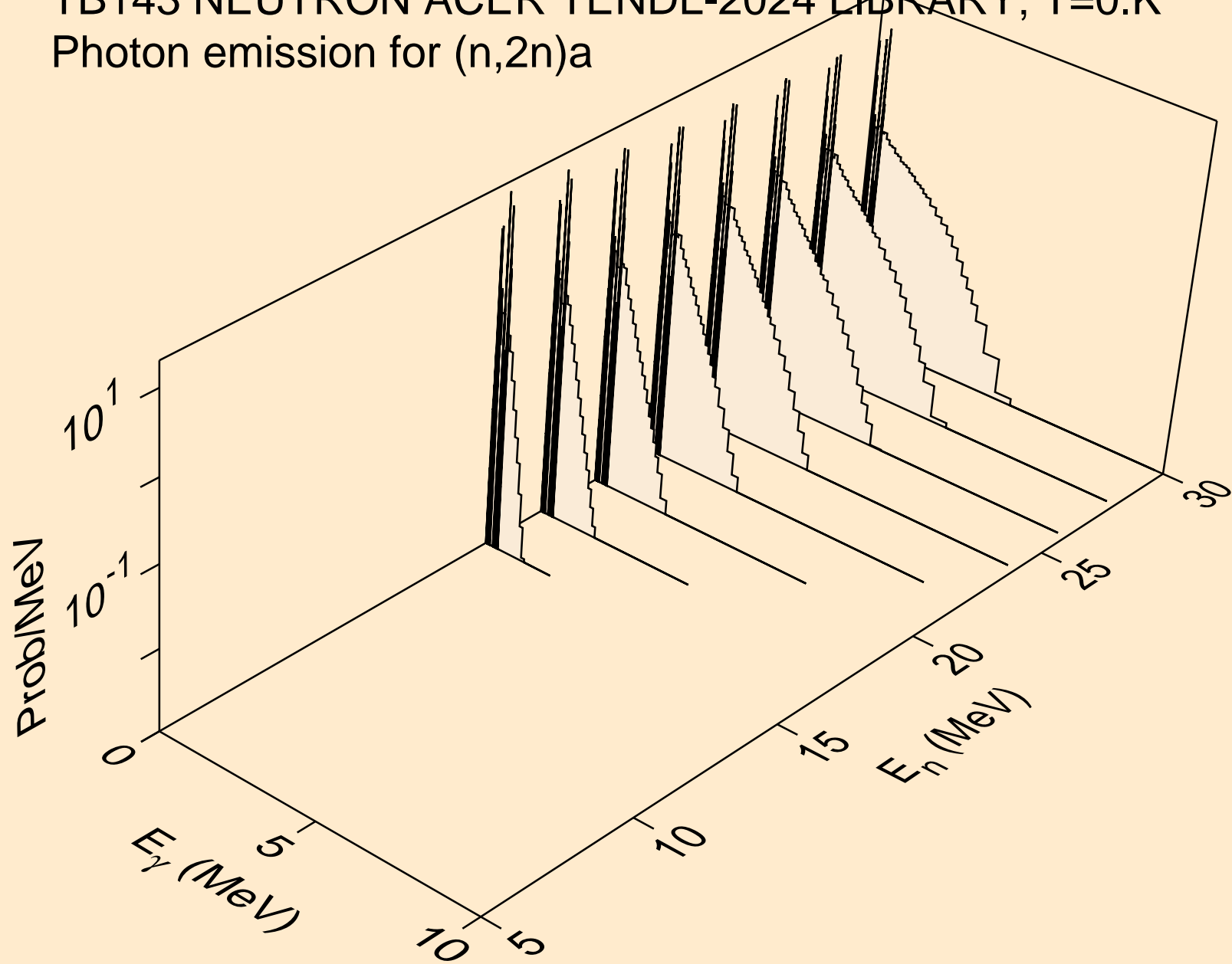
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a

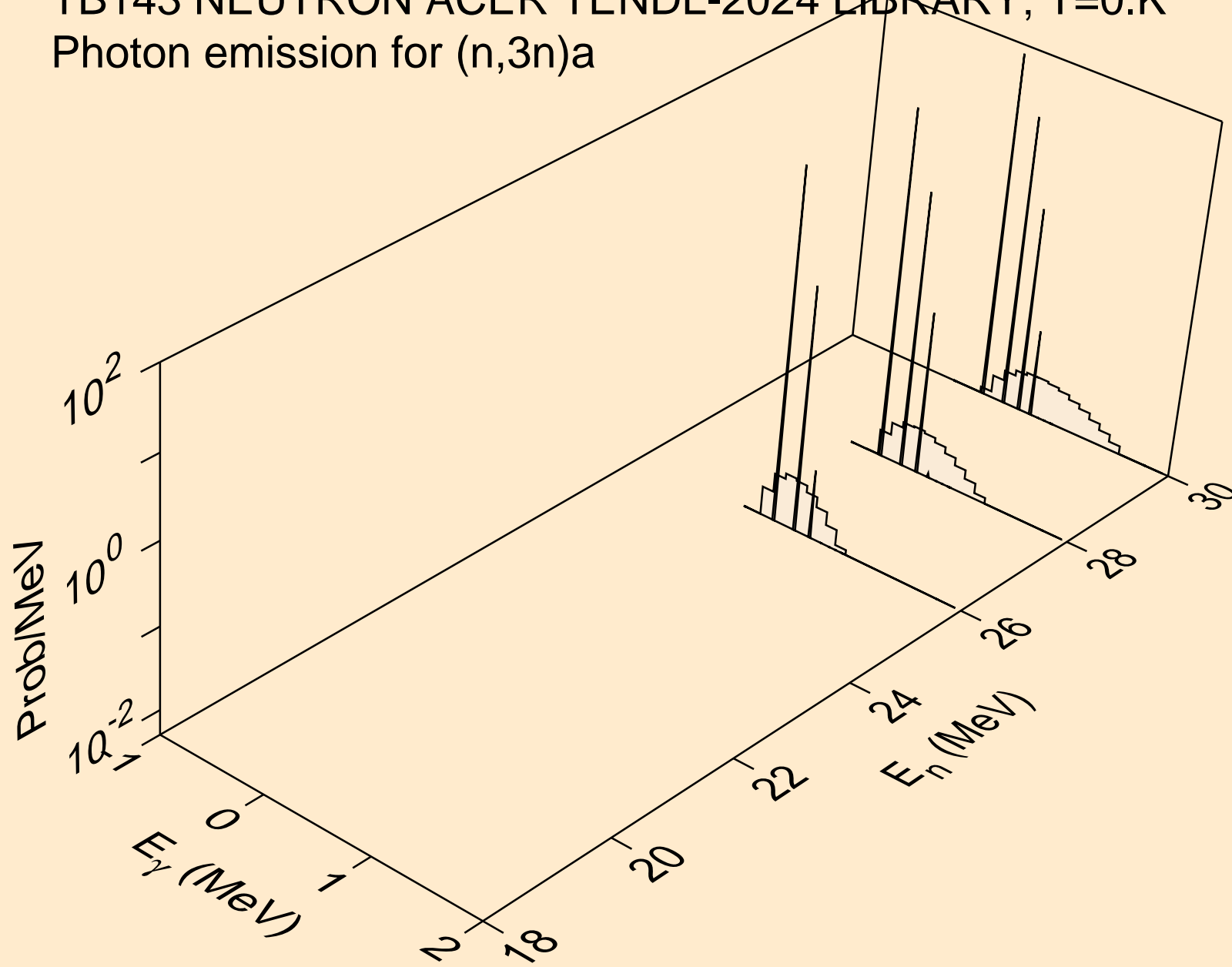


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

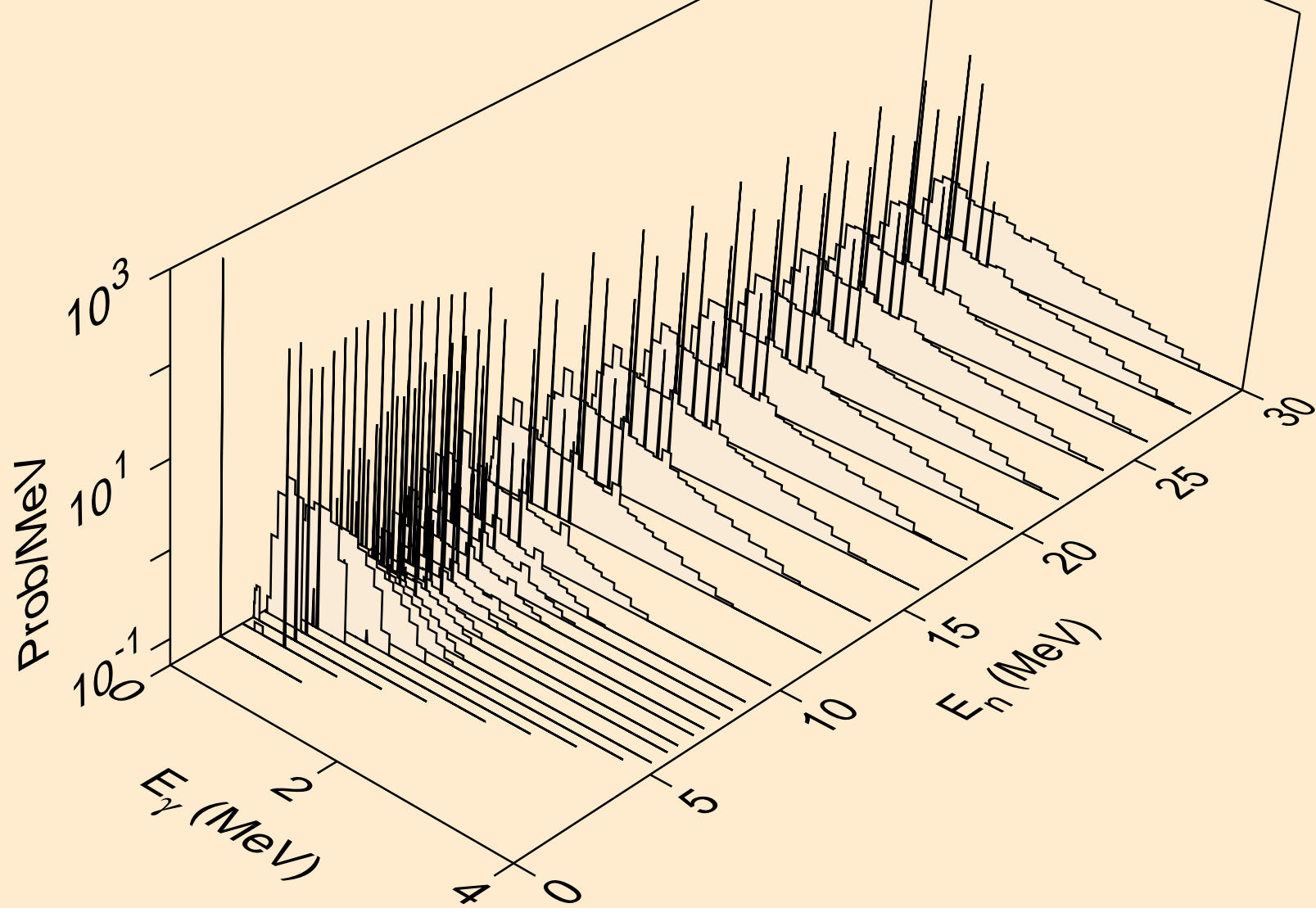


# TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n)a

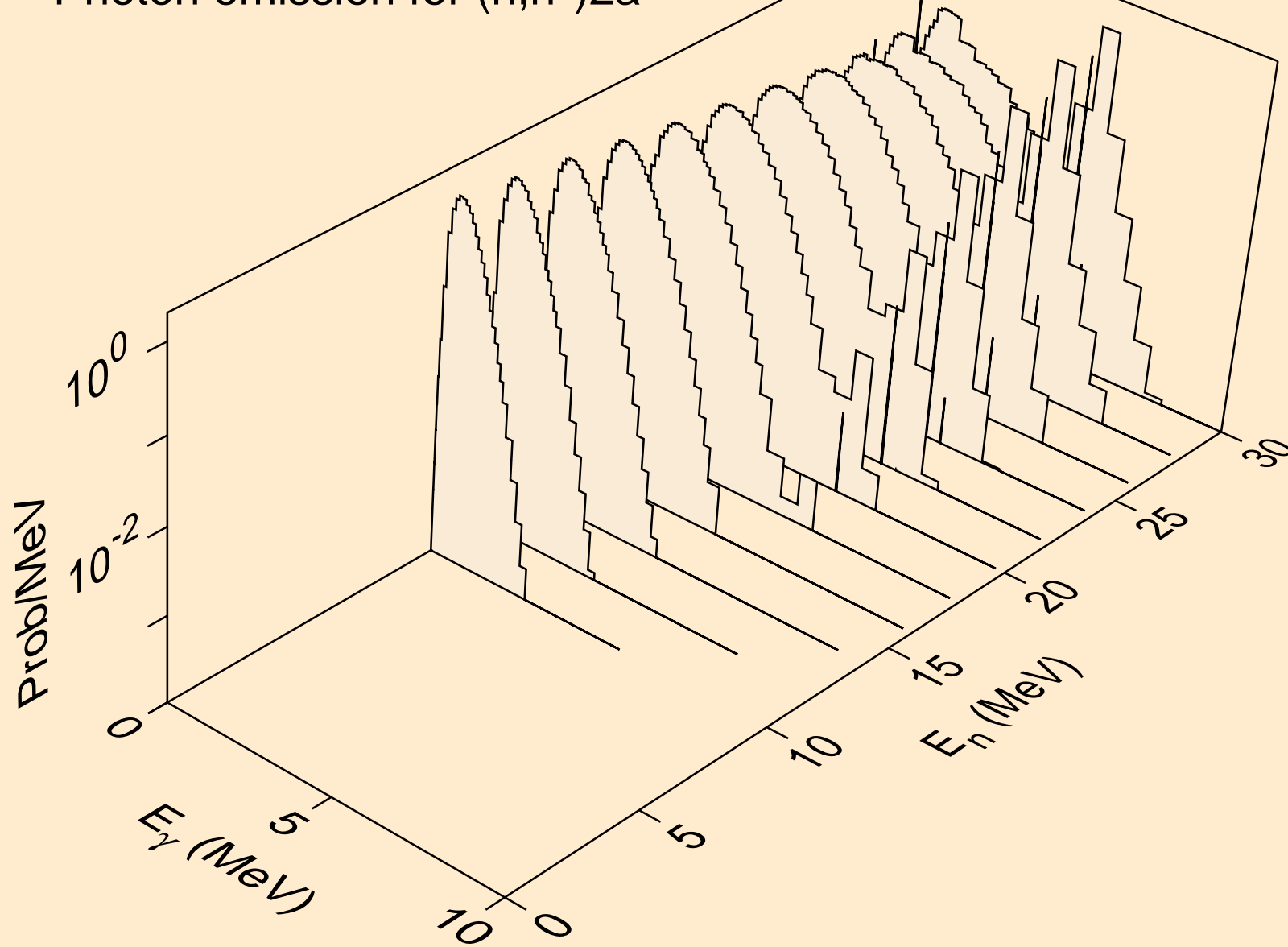


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

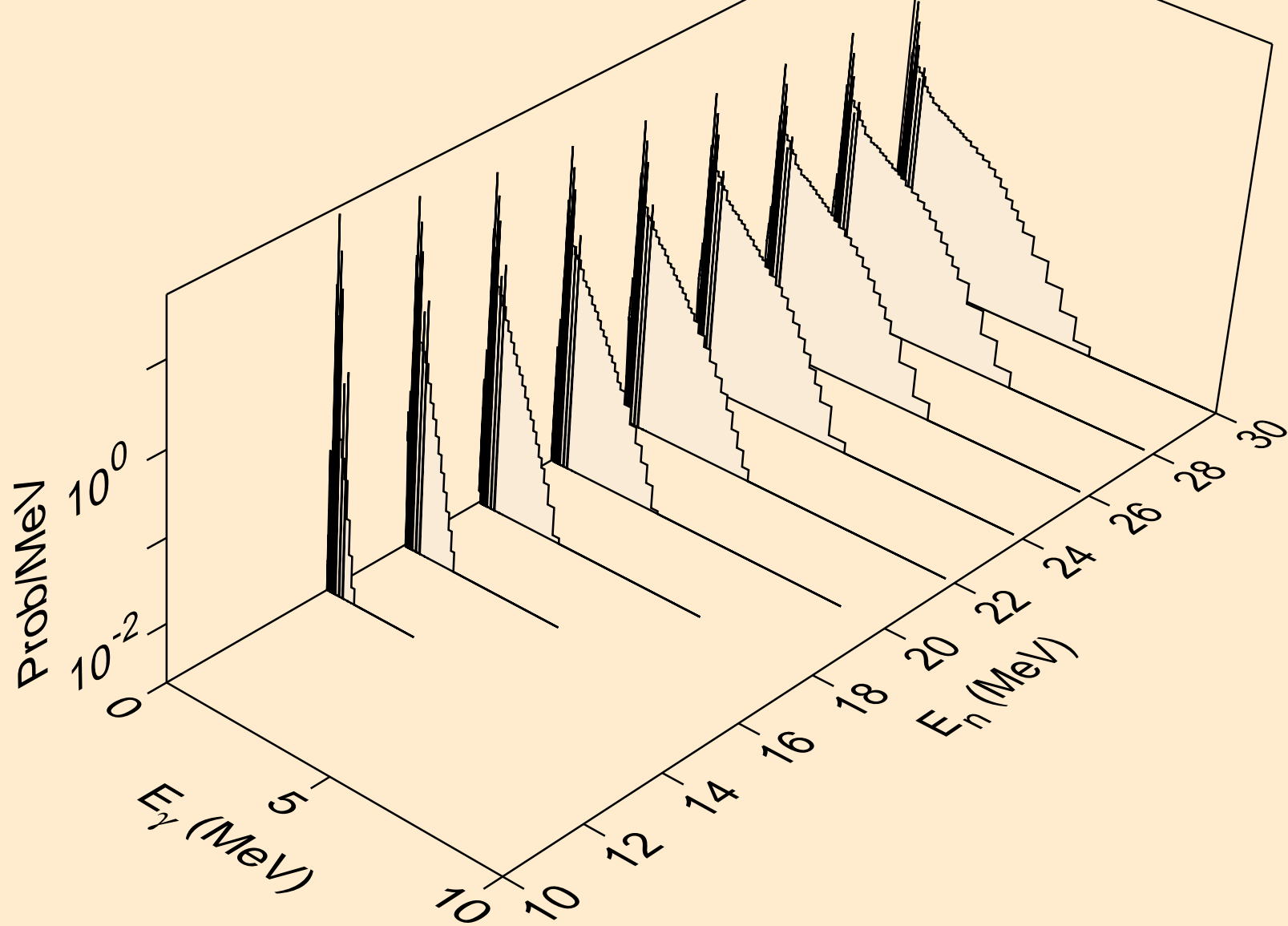




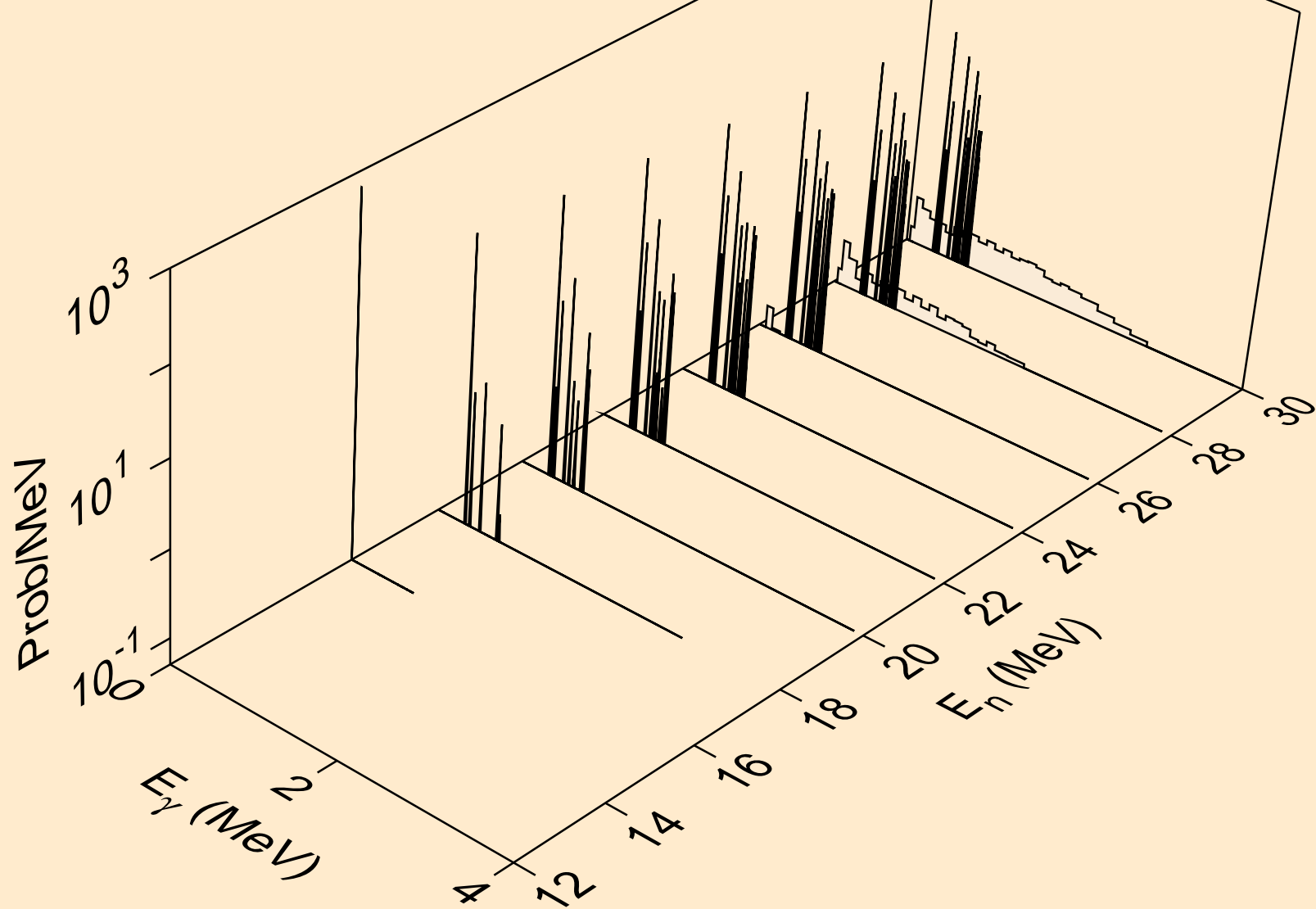
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



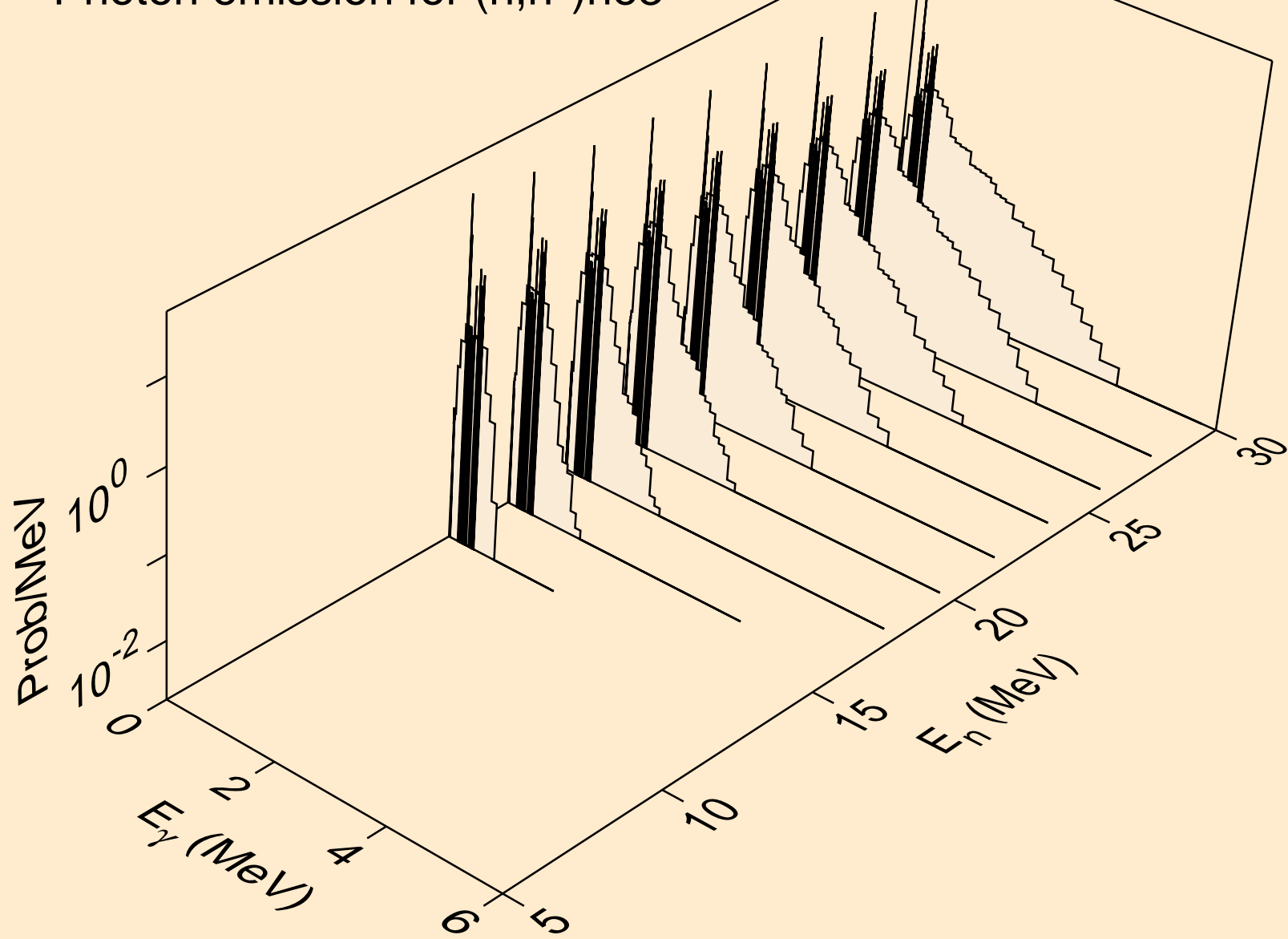
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



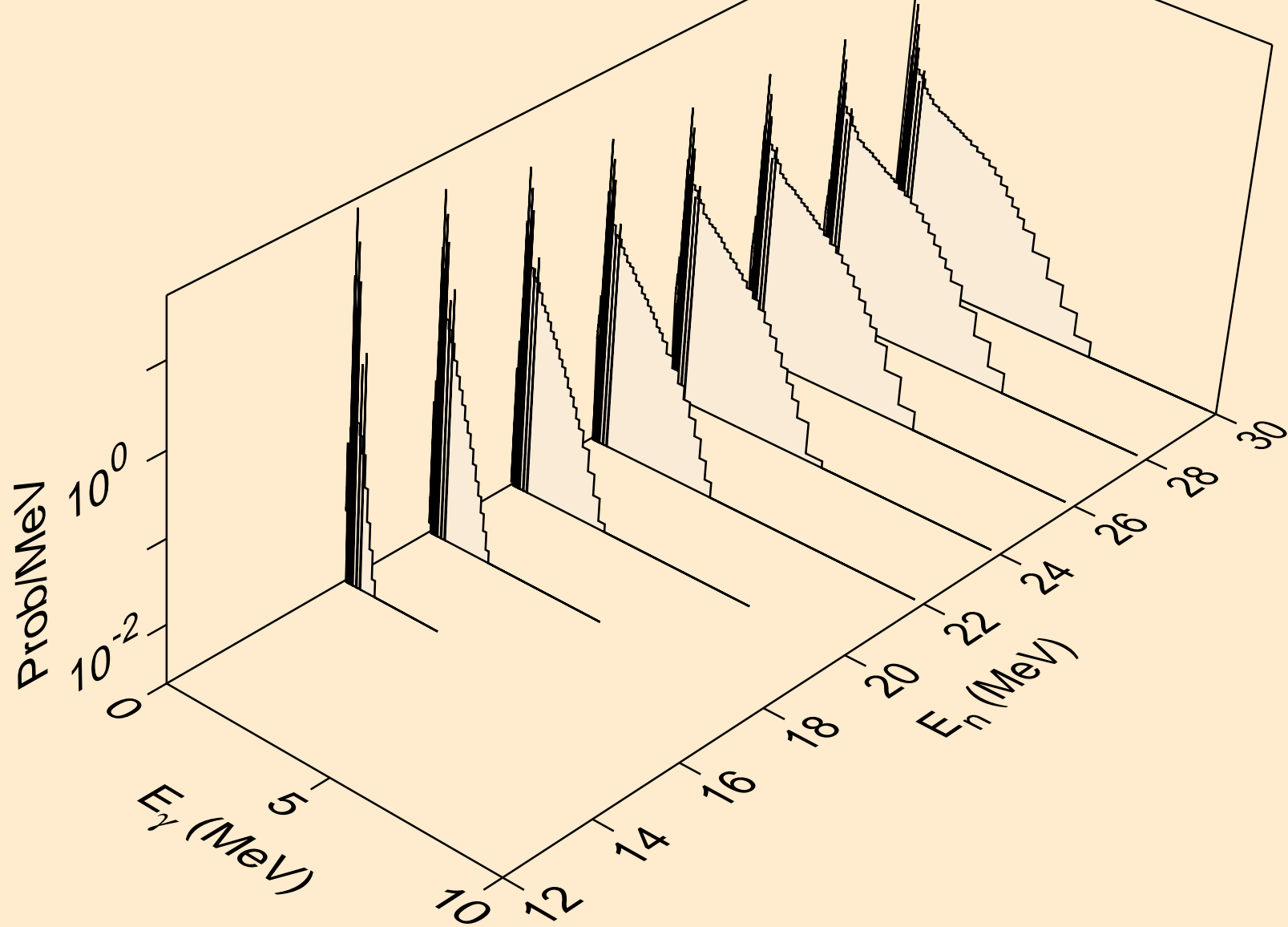
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



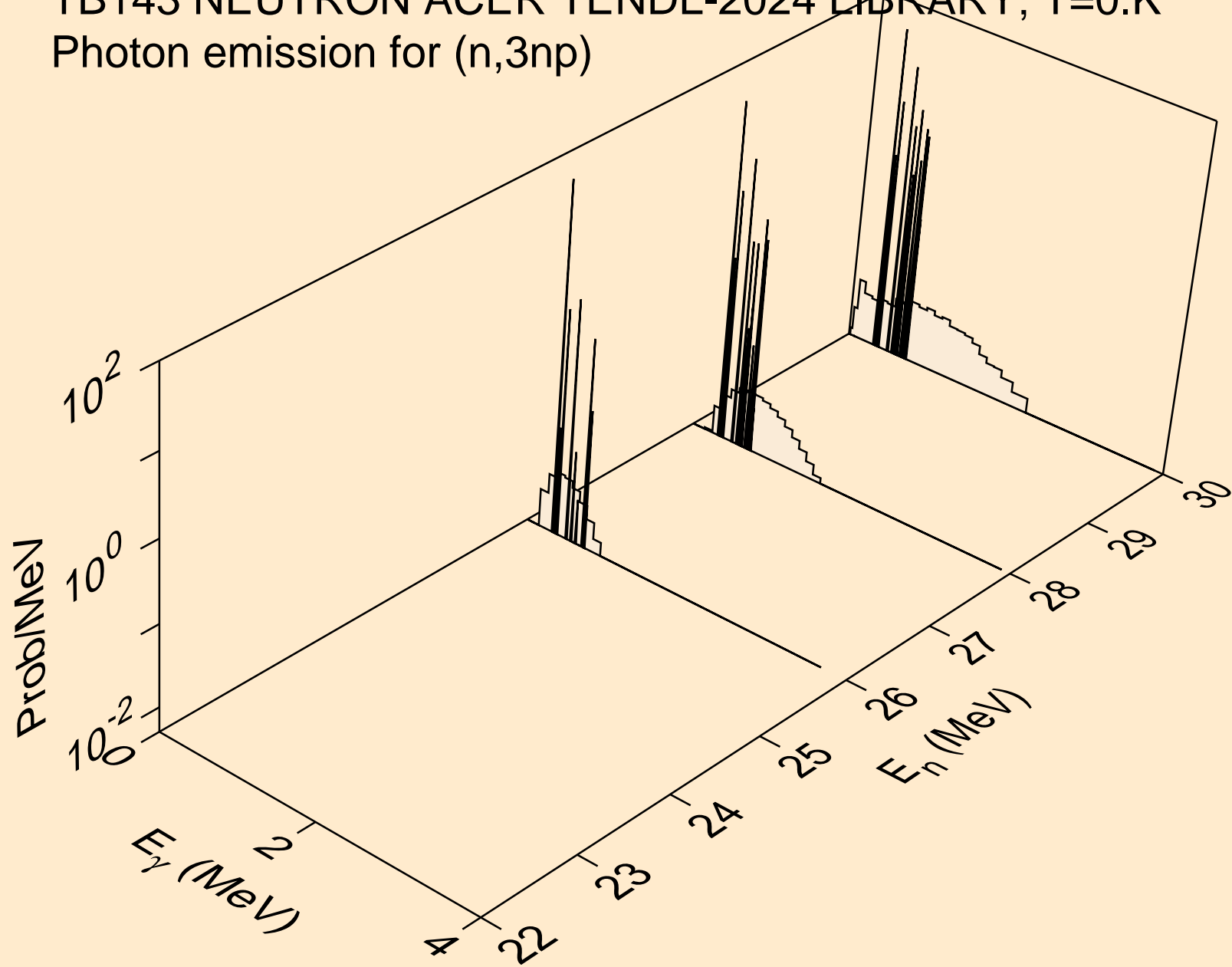
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



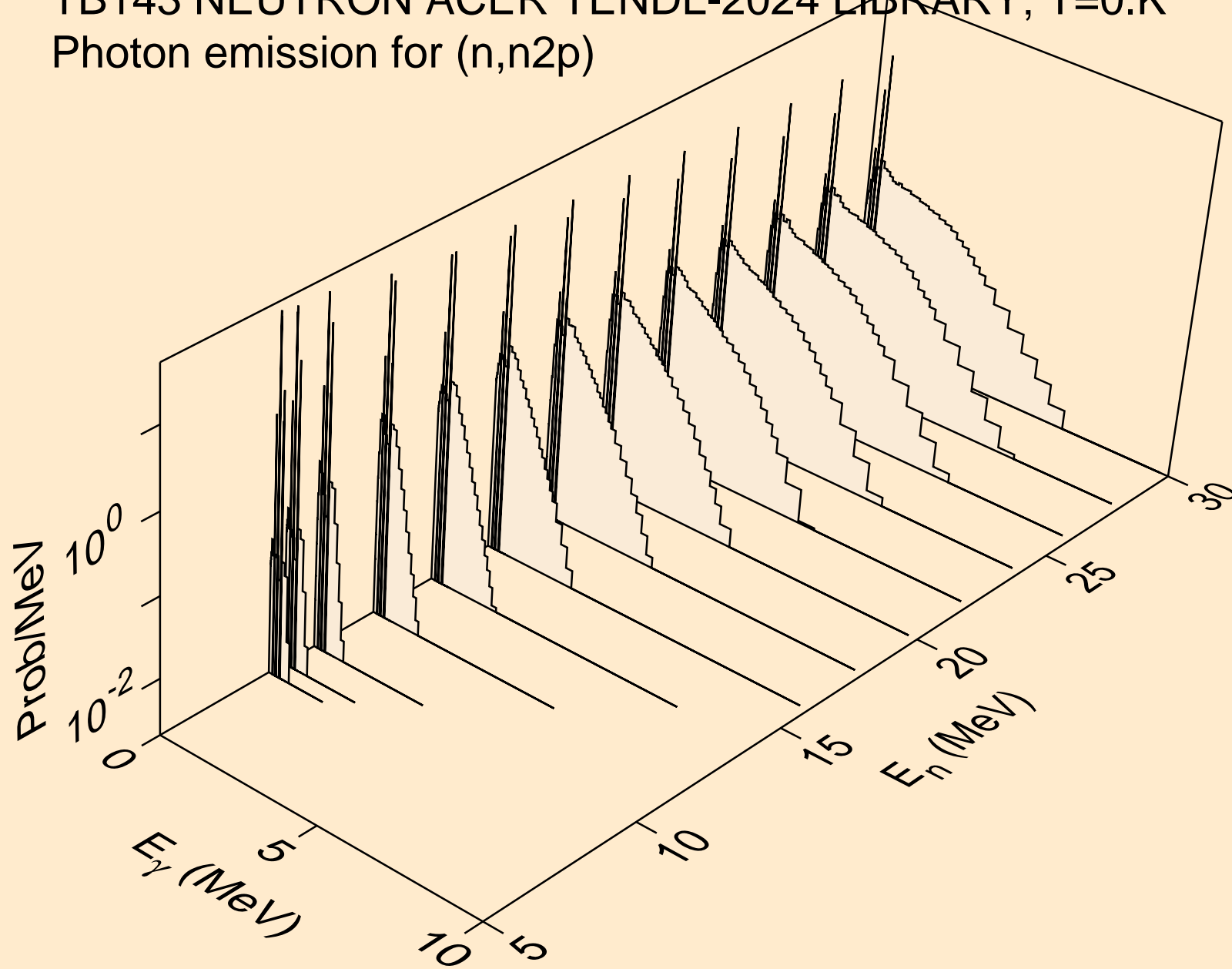
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



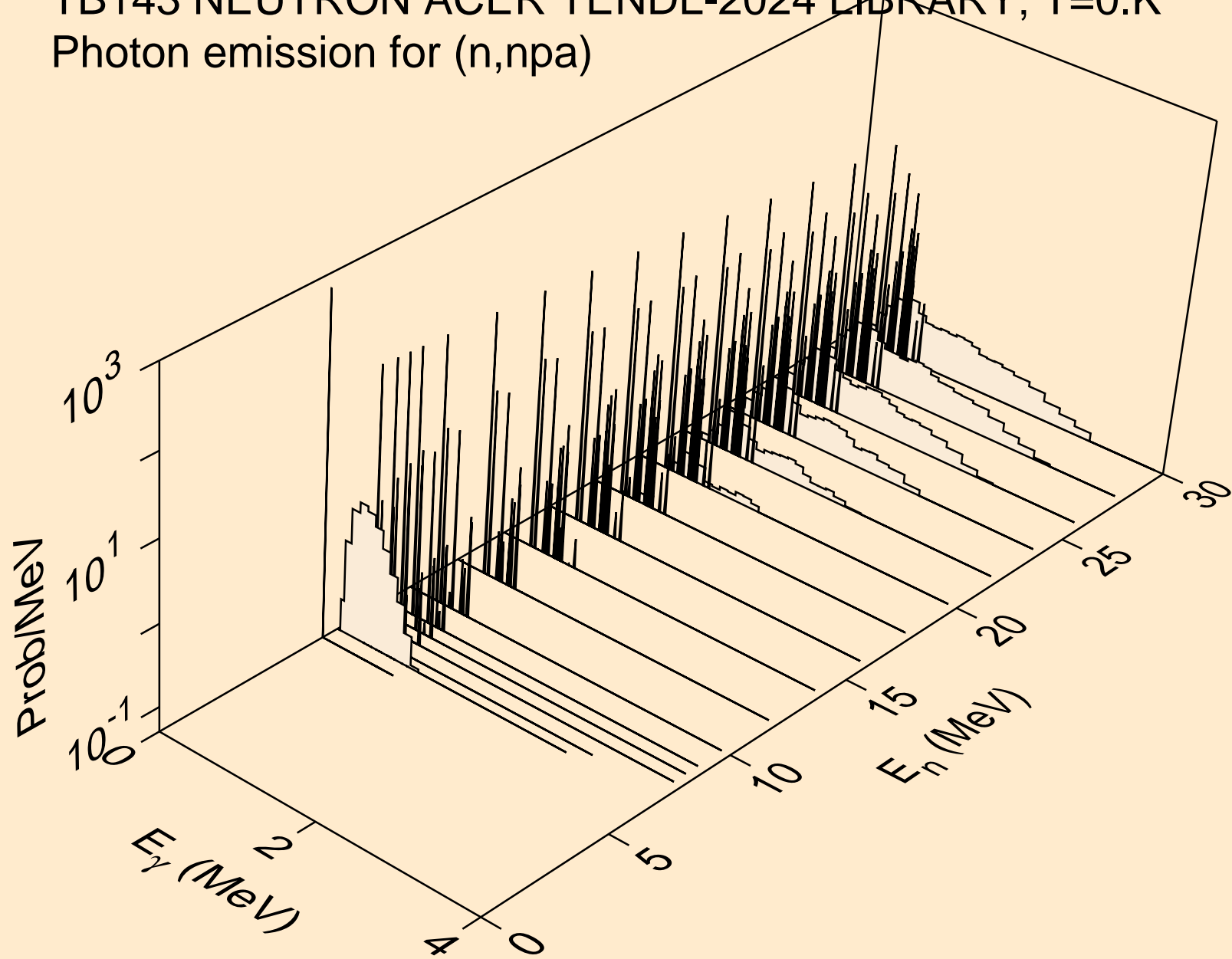
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

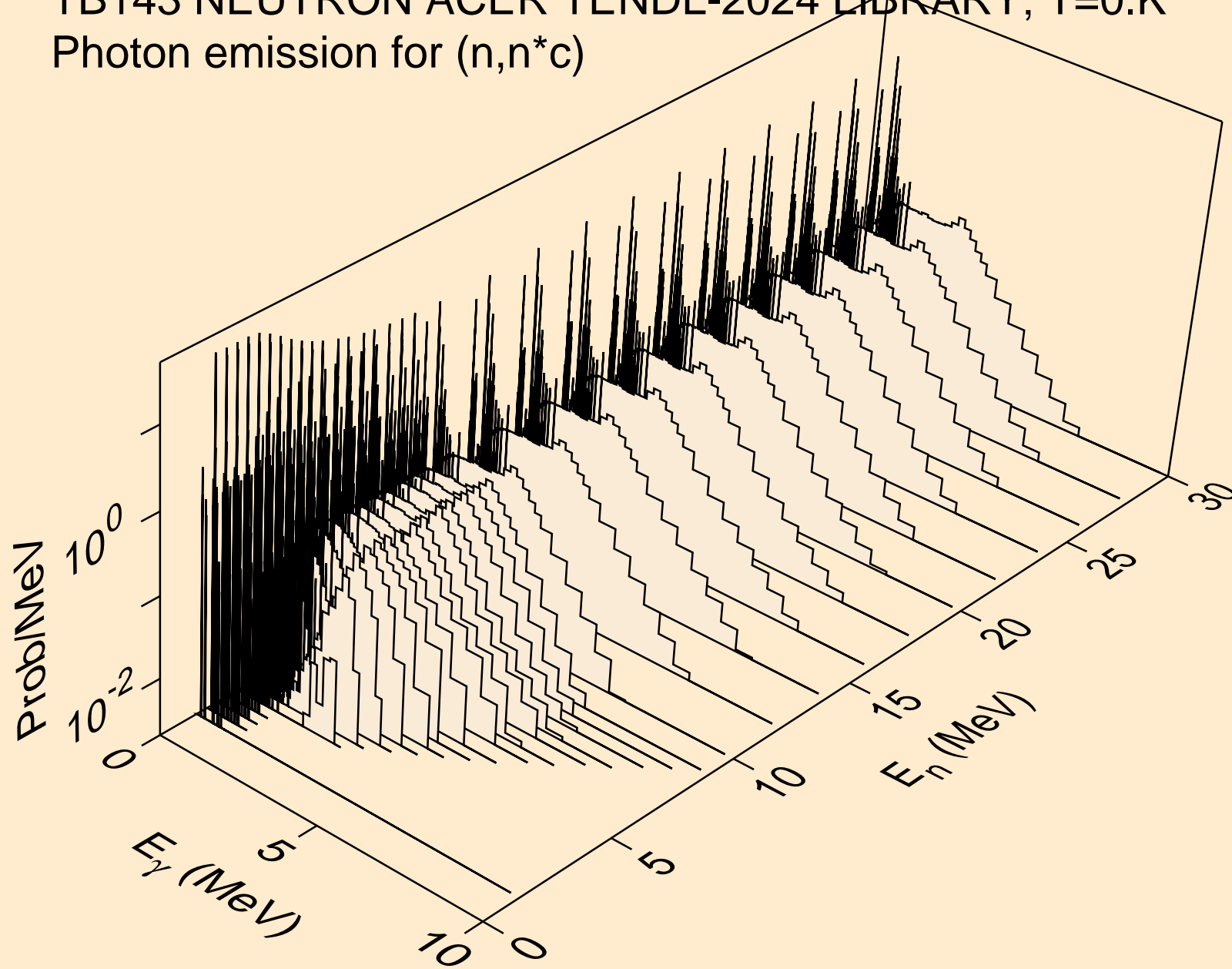


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

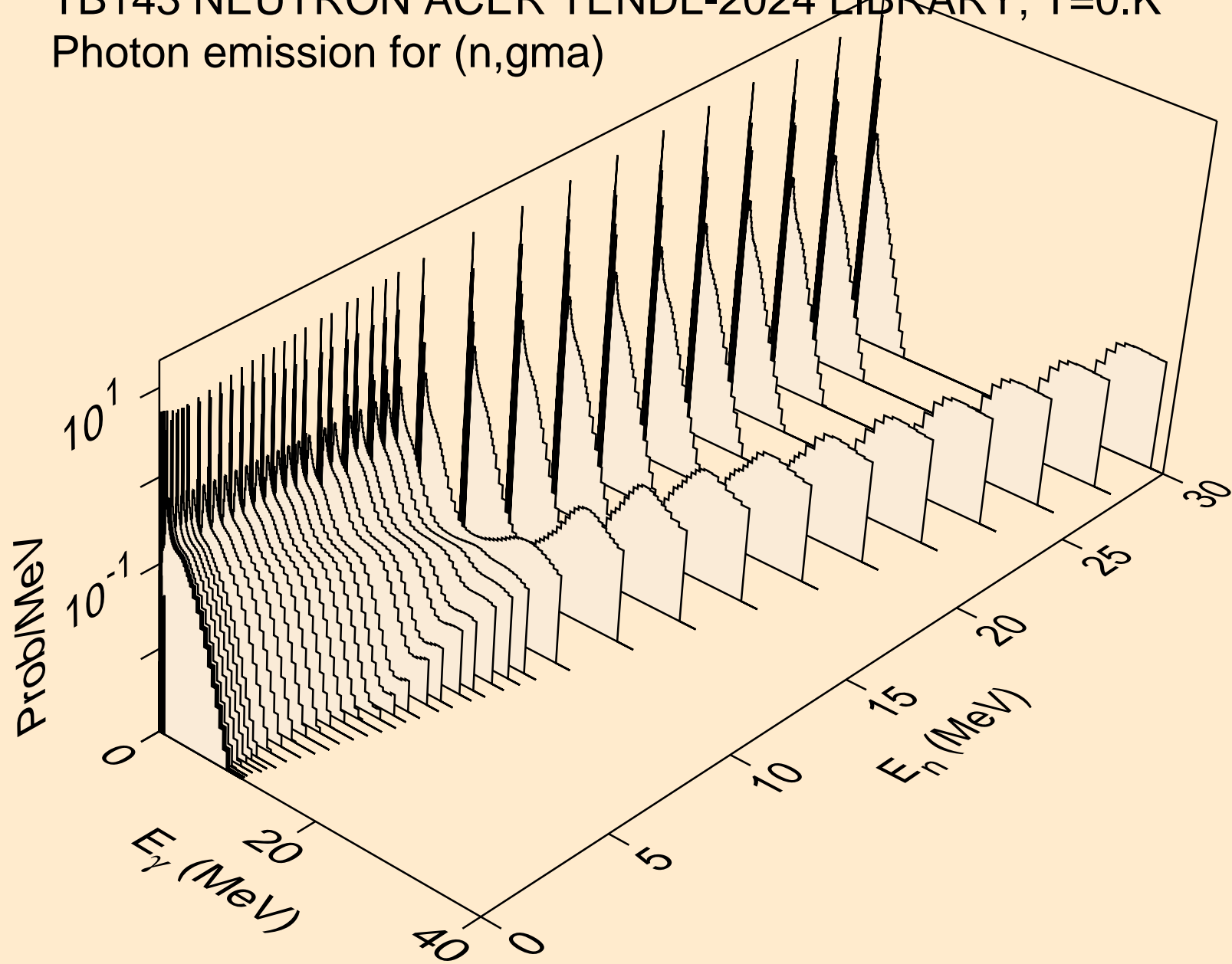




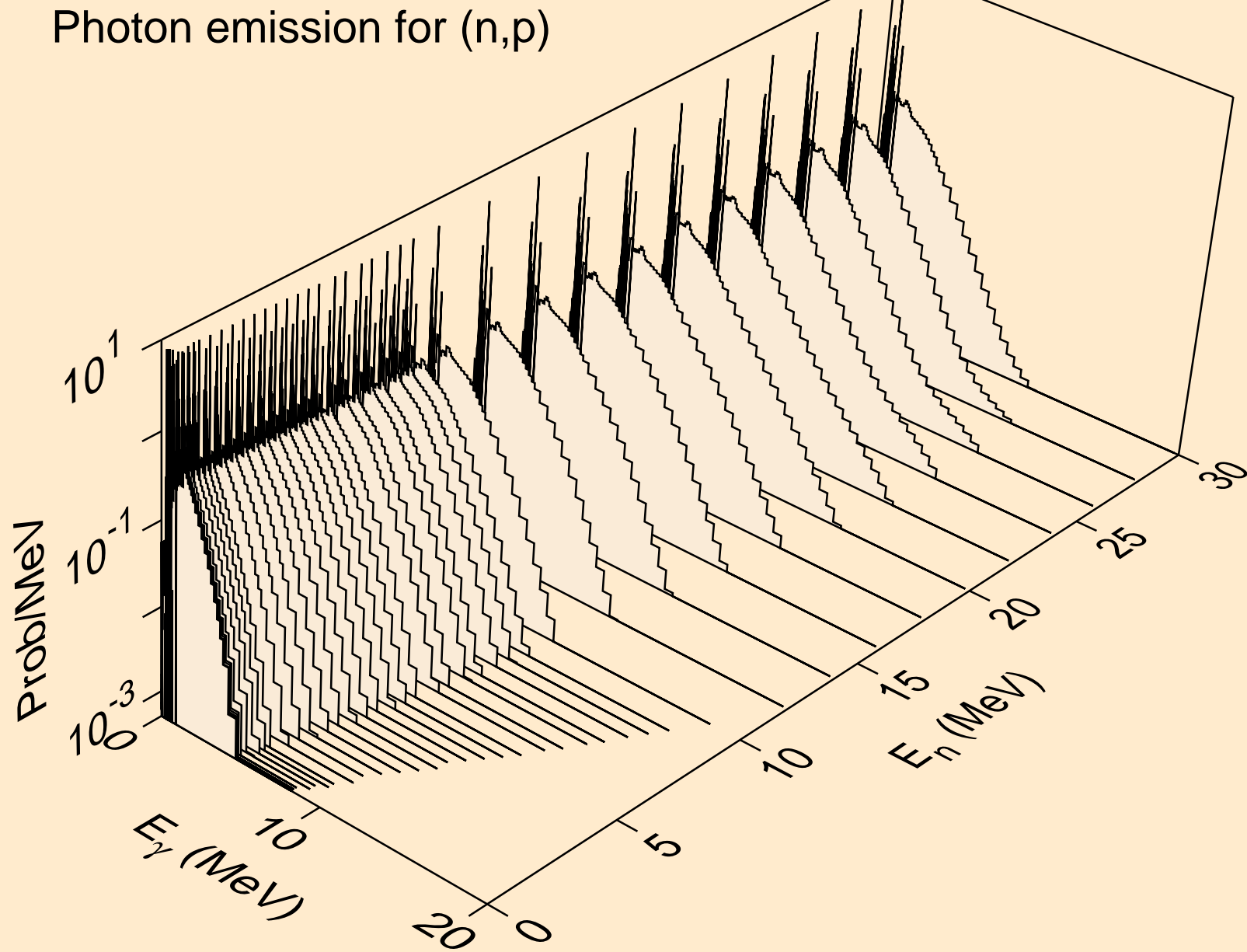
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



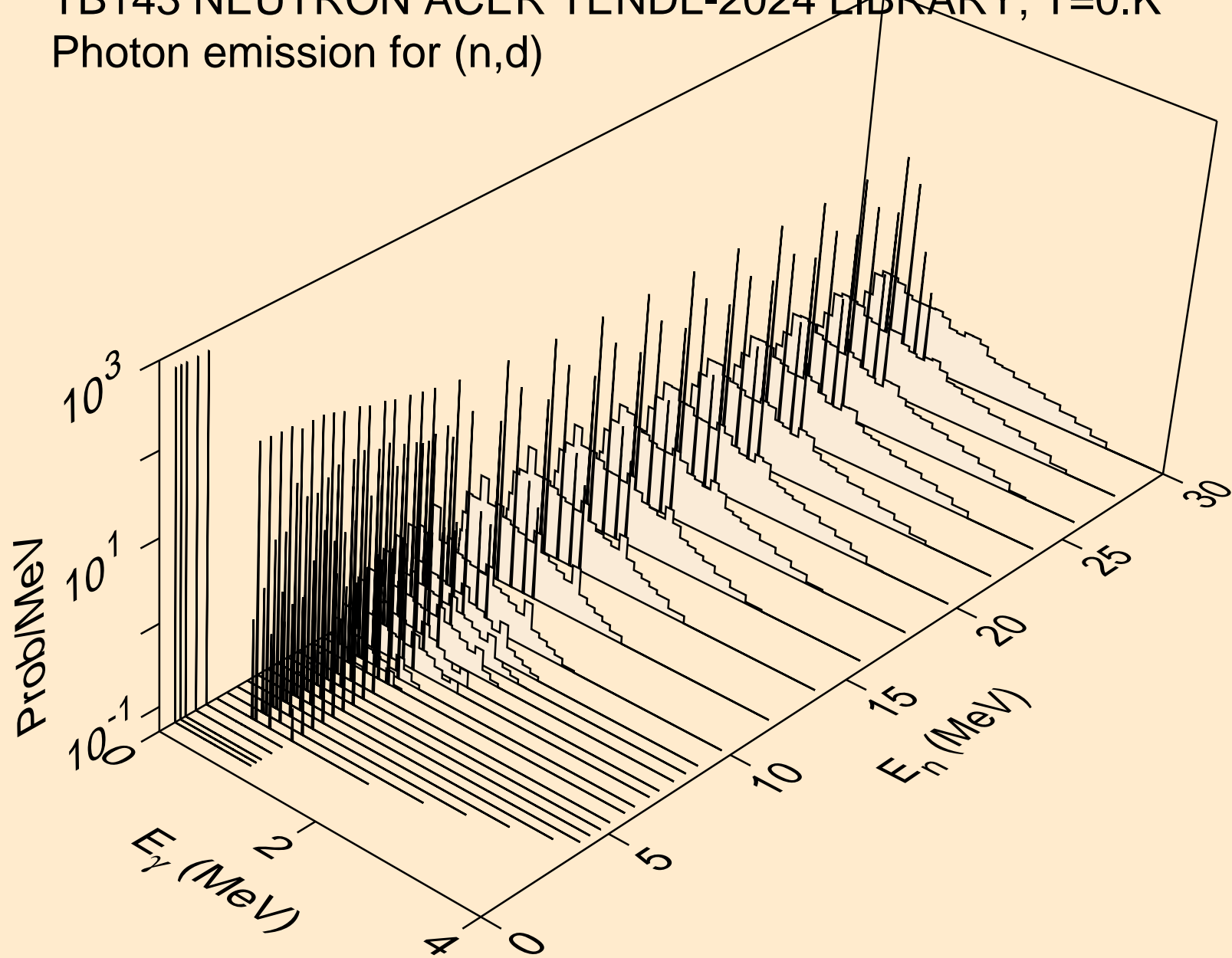
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



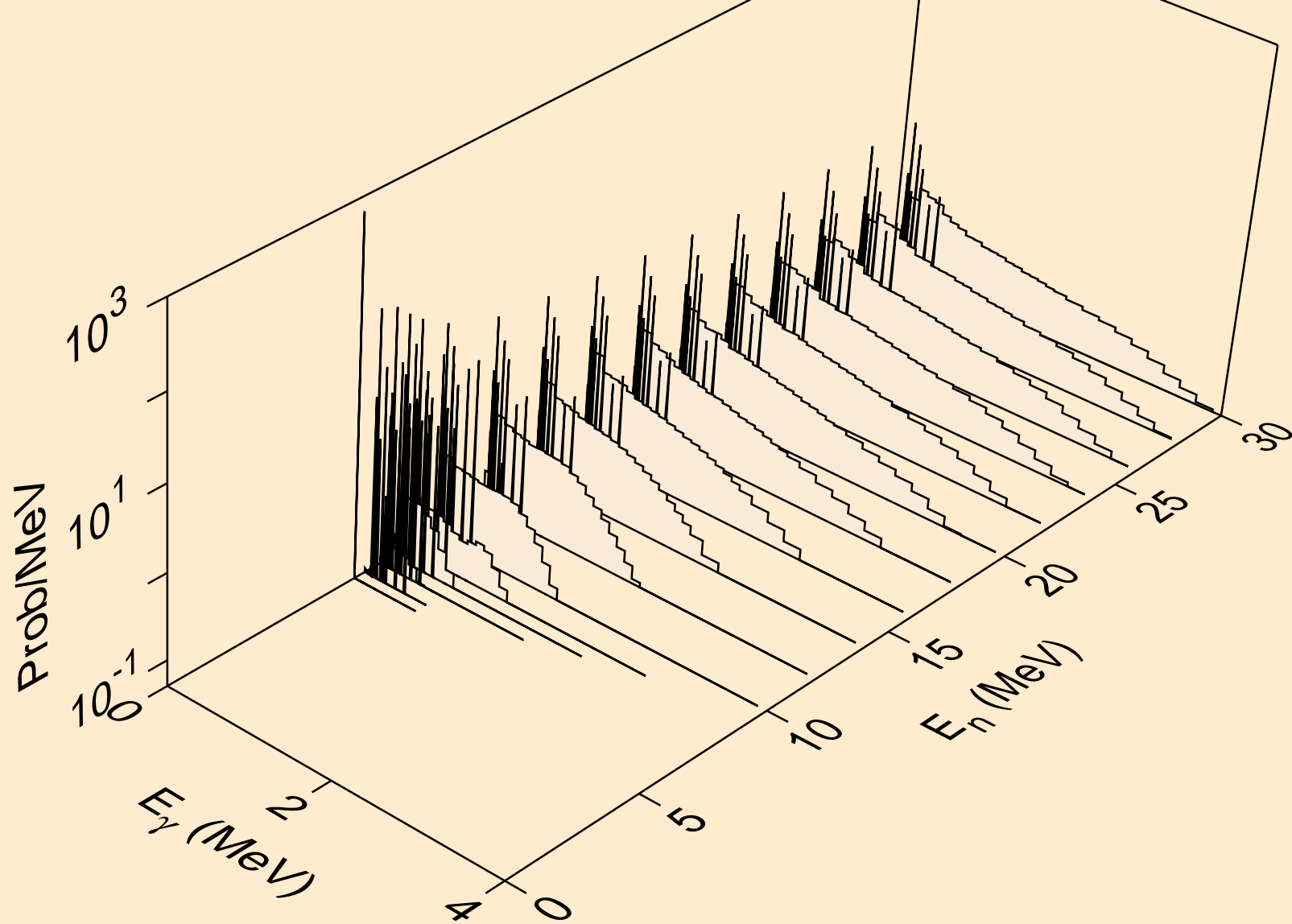
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



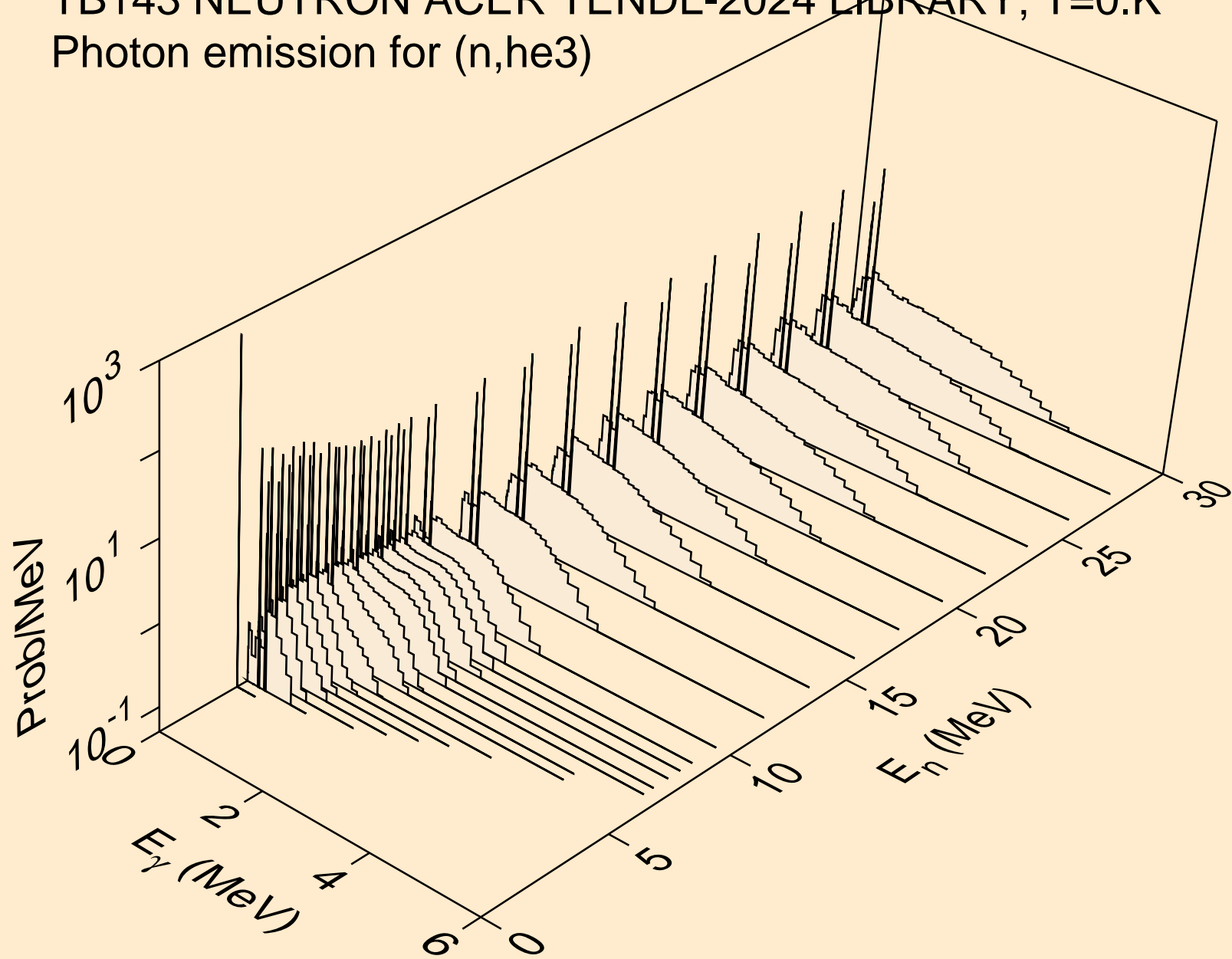
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



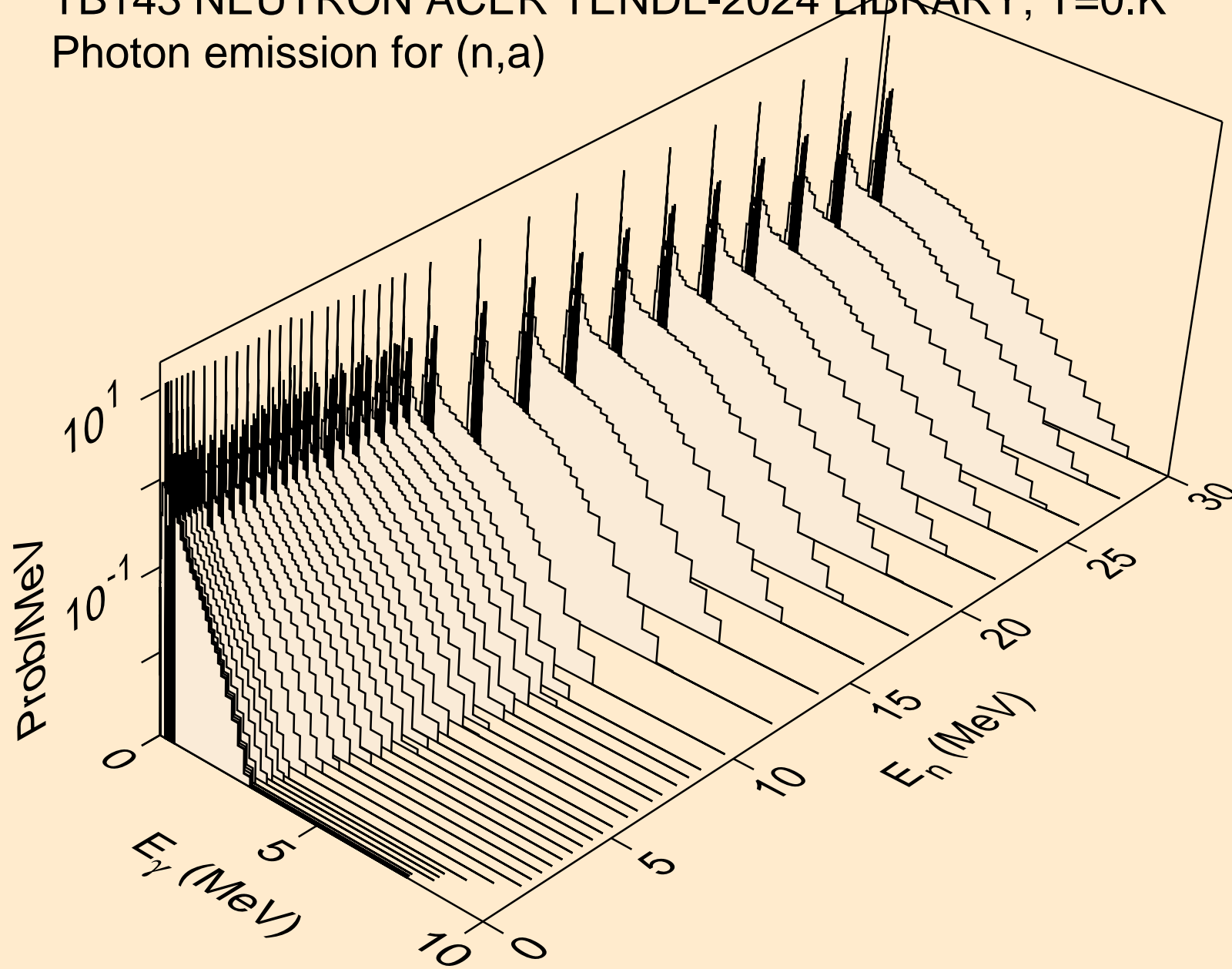
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



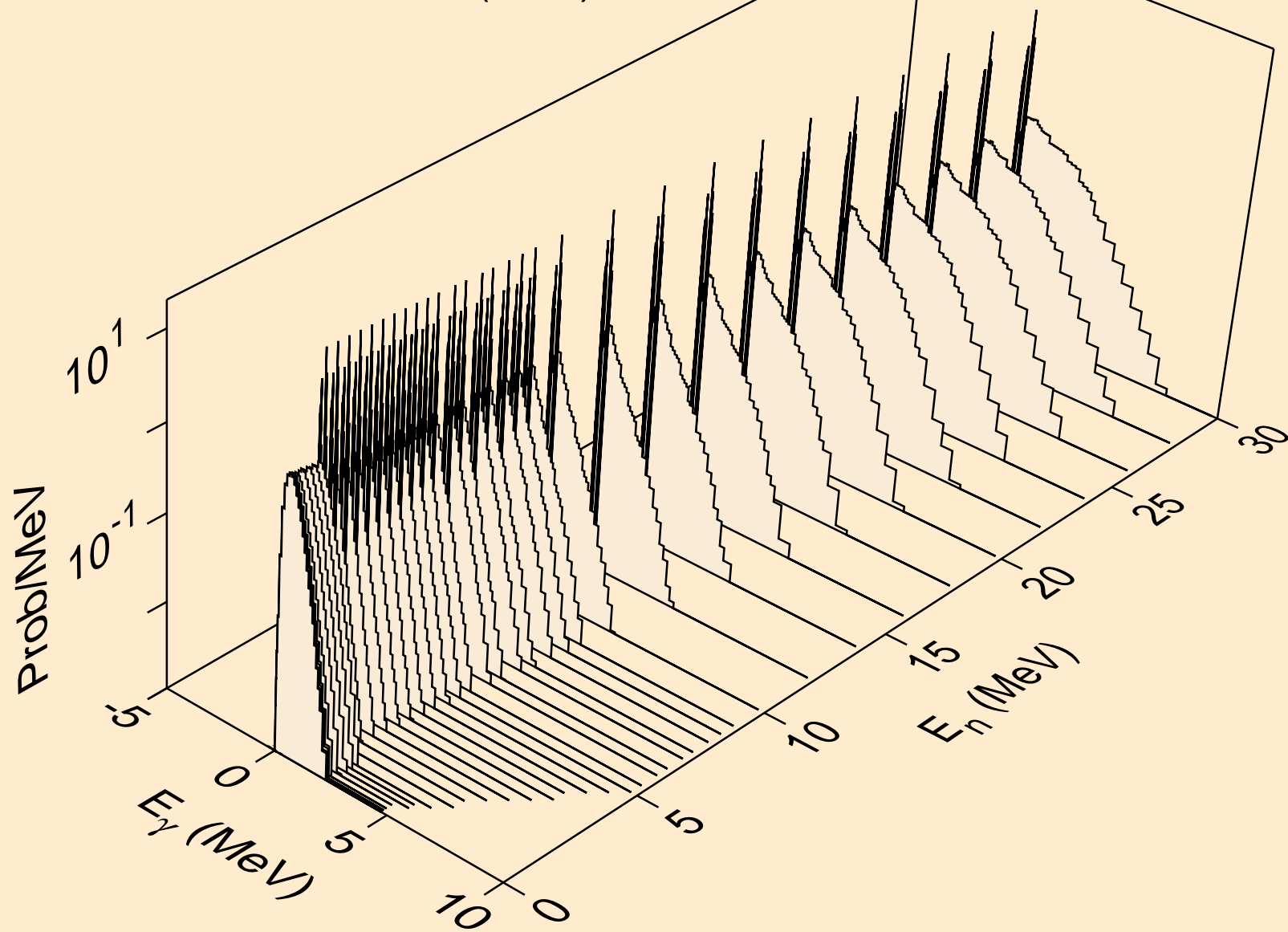
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

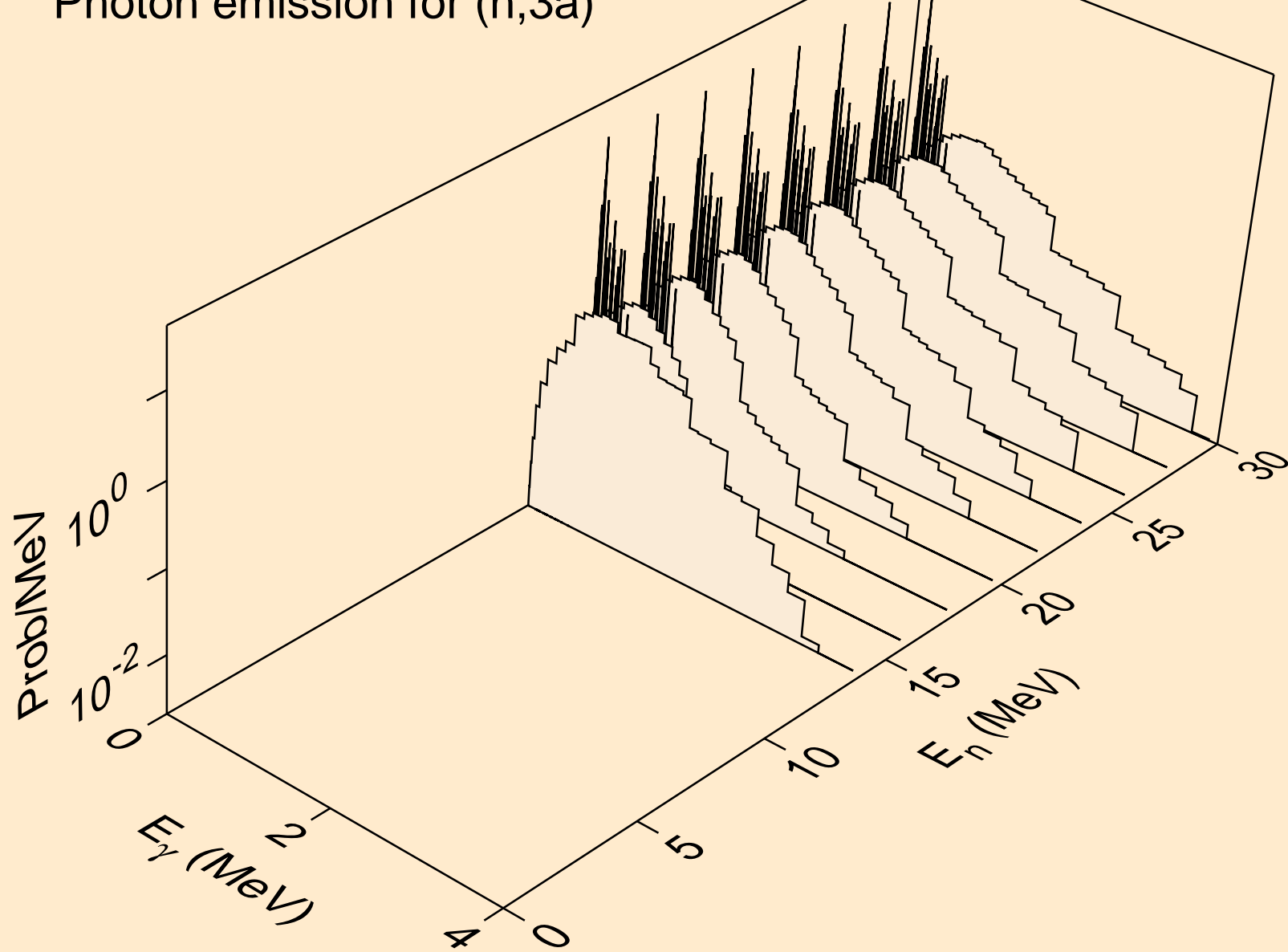


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

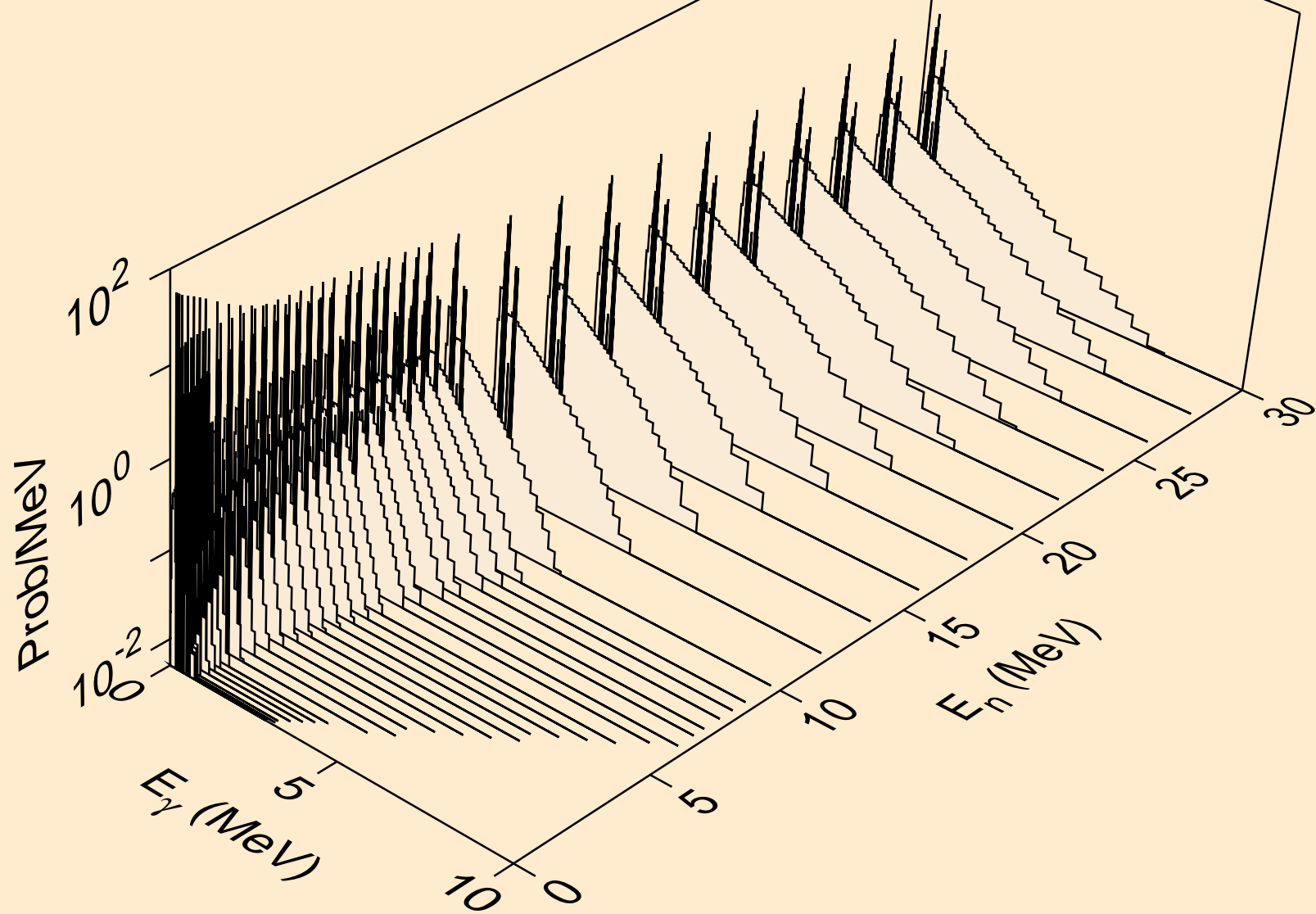




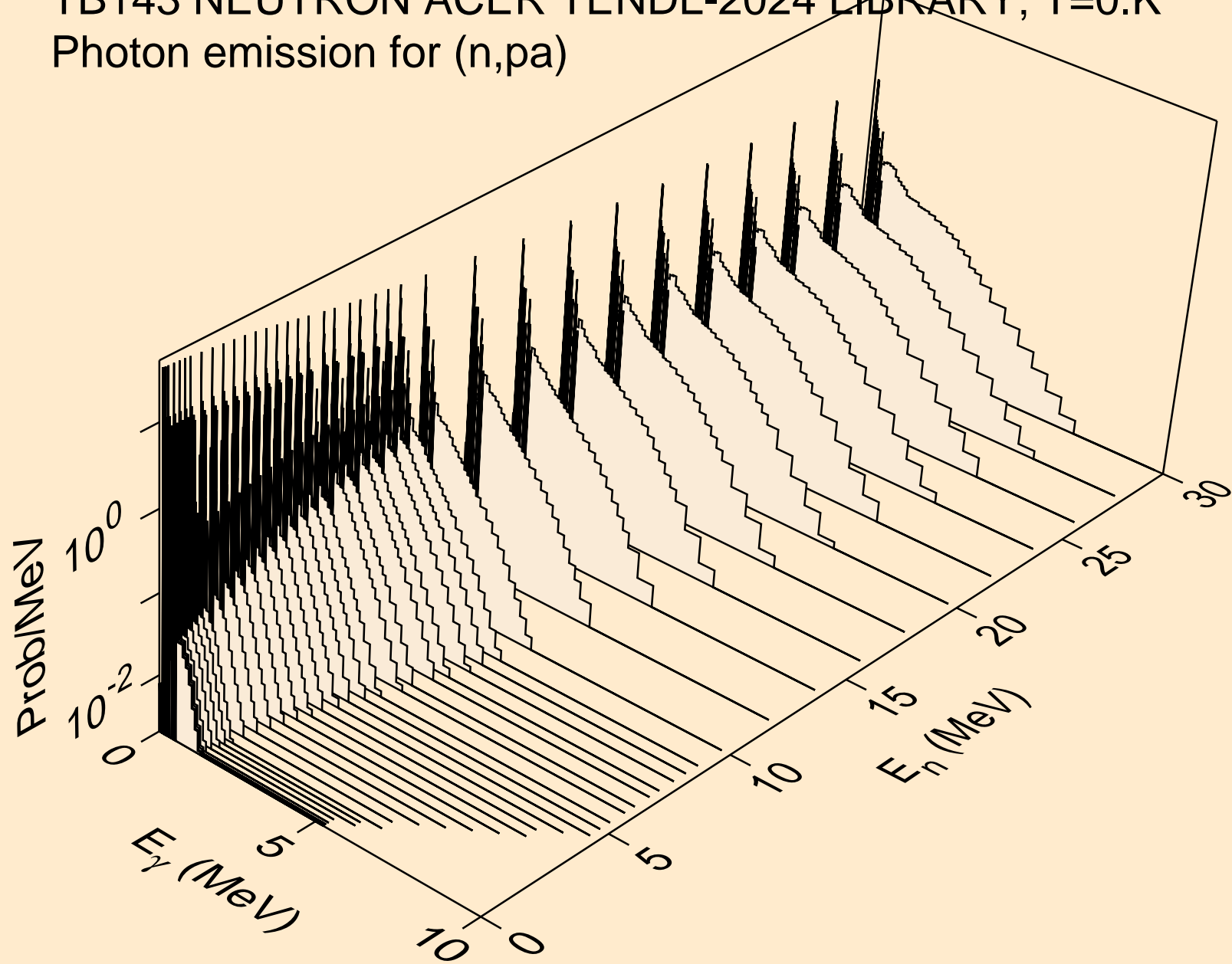
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



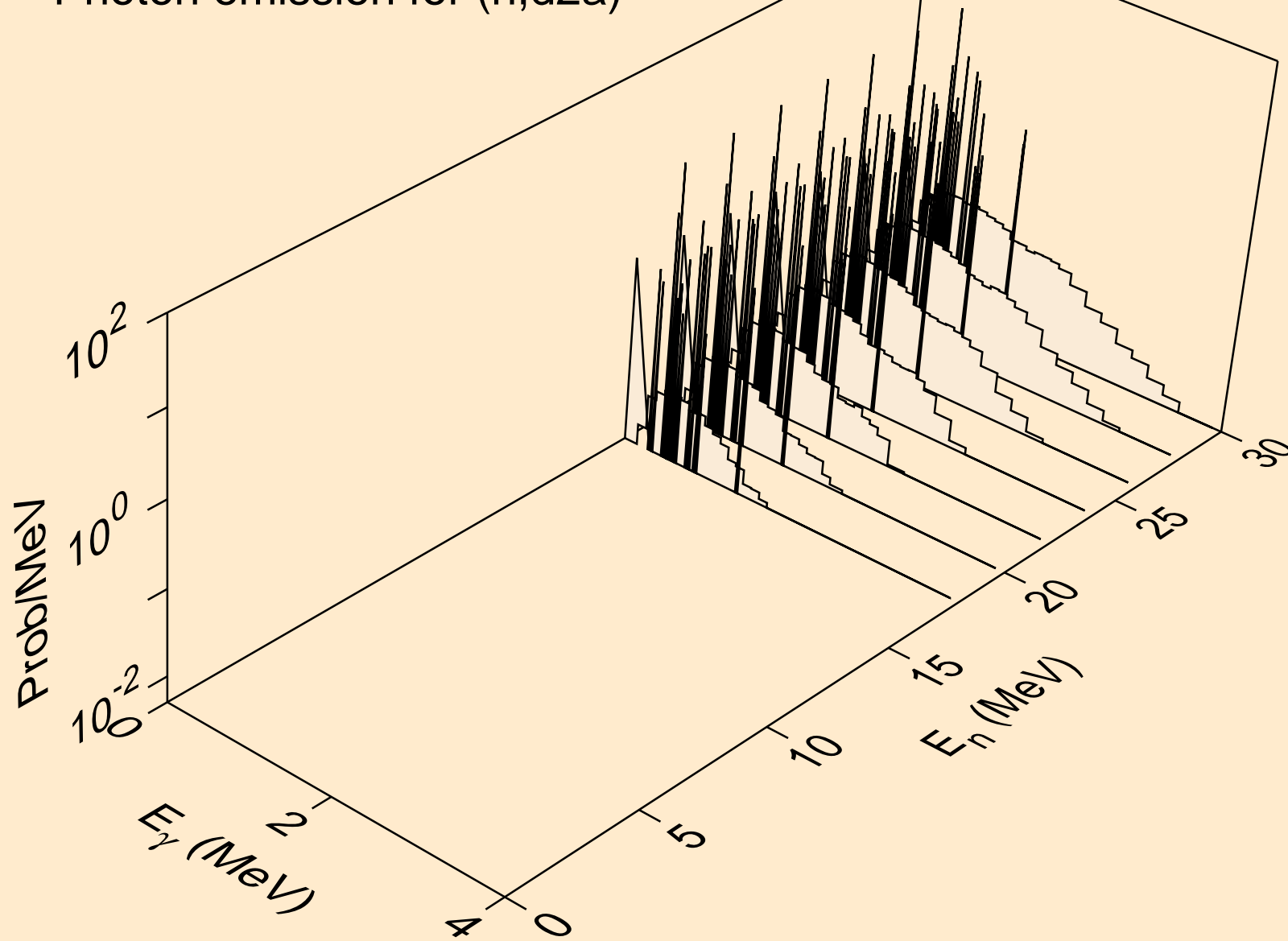
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



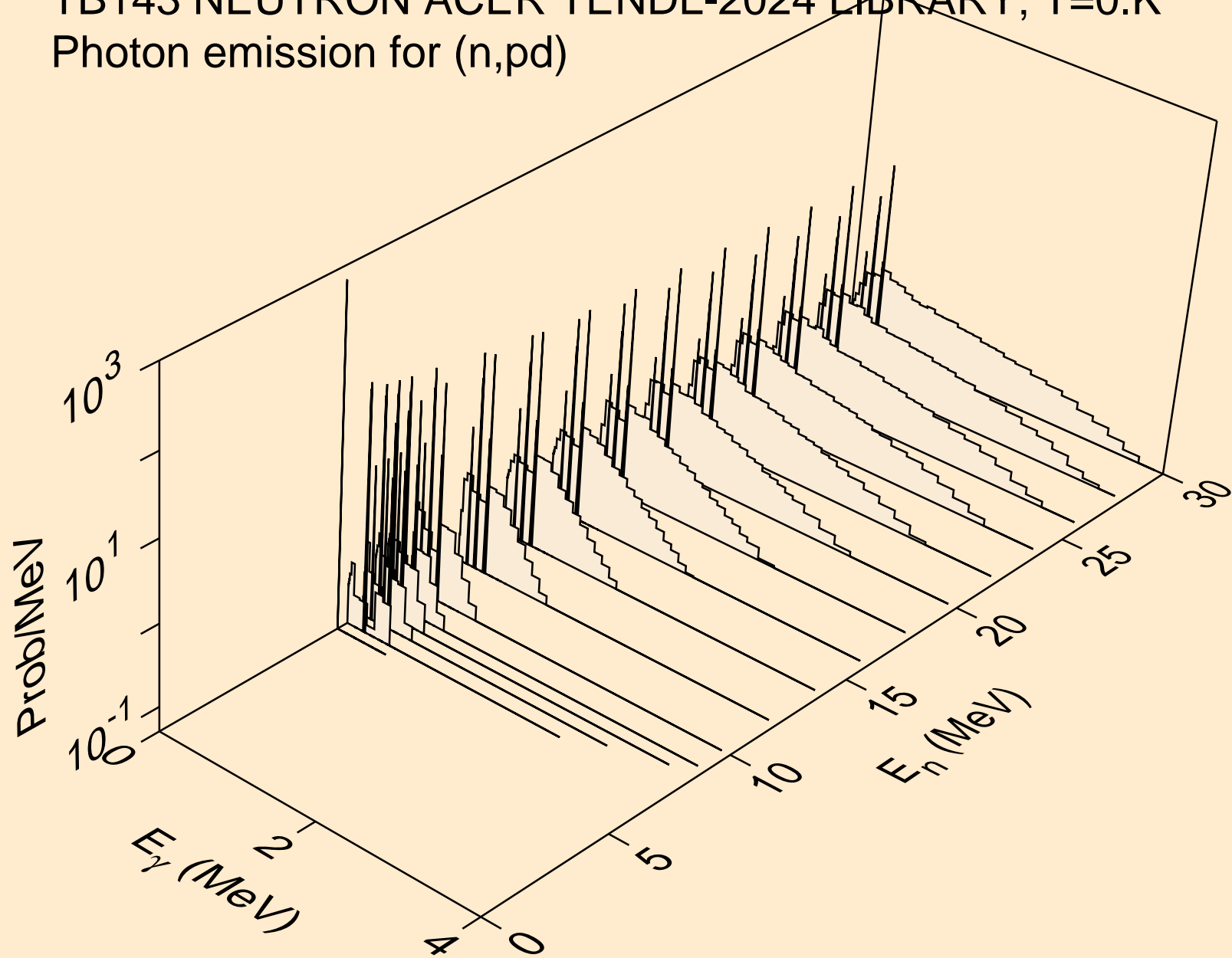
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



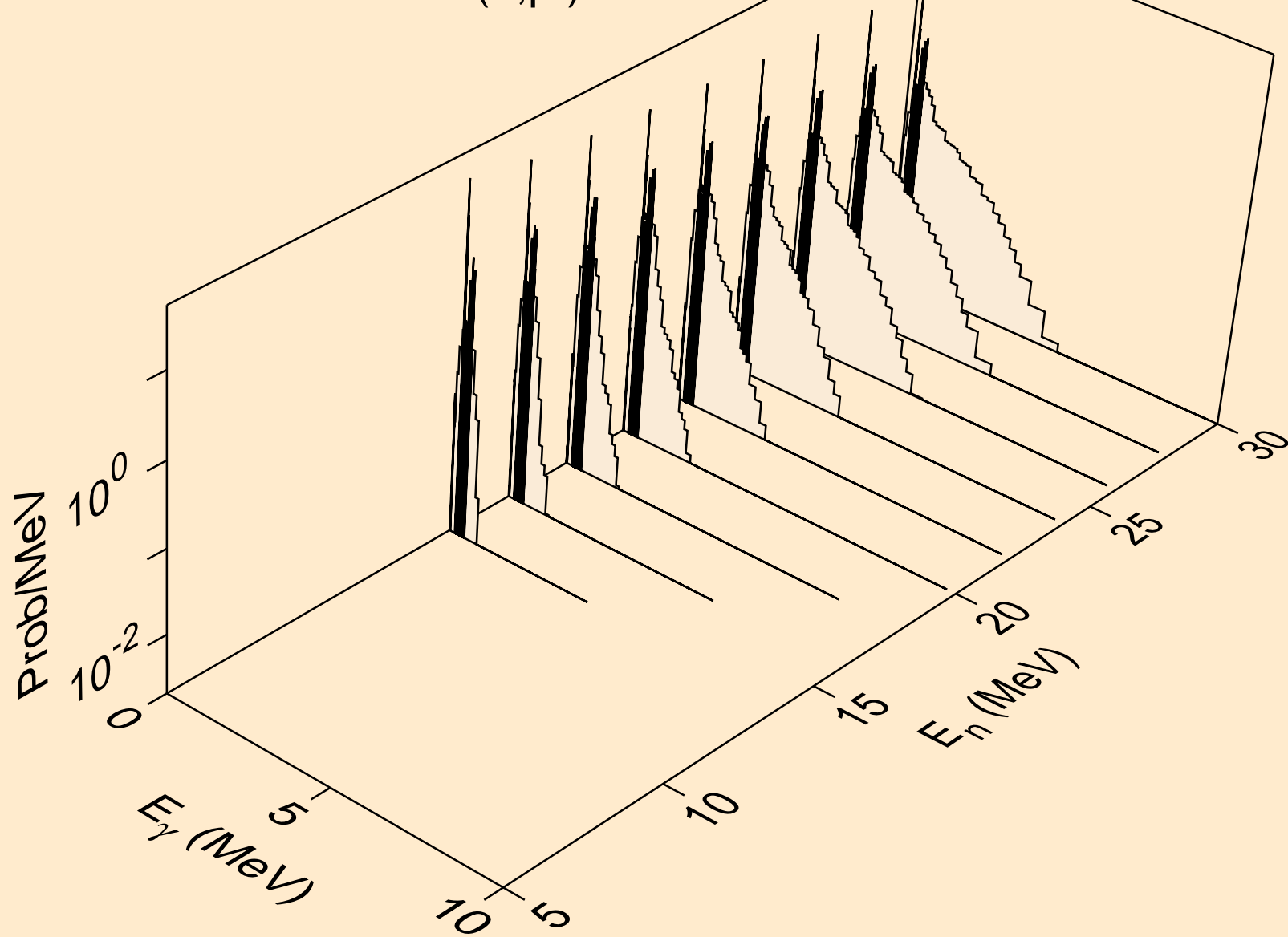
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



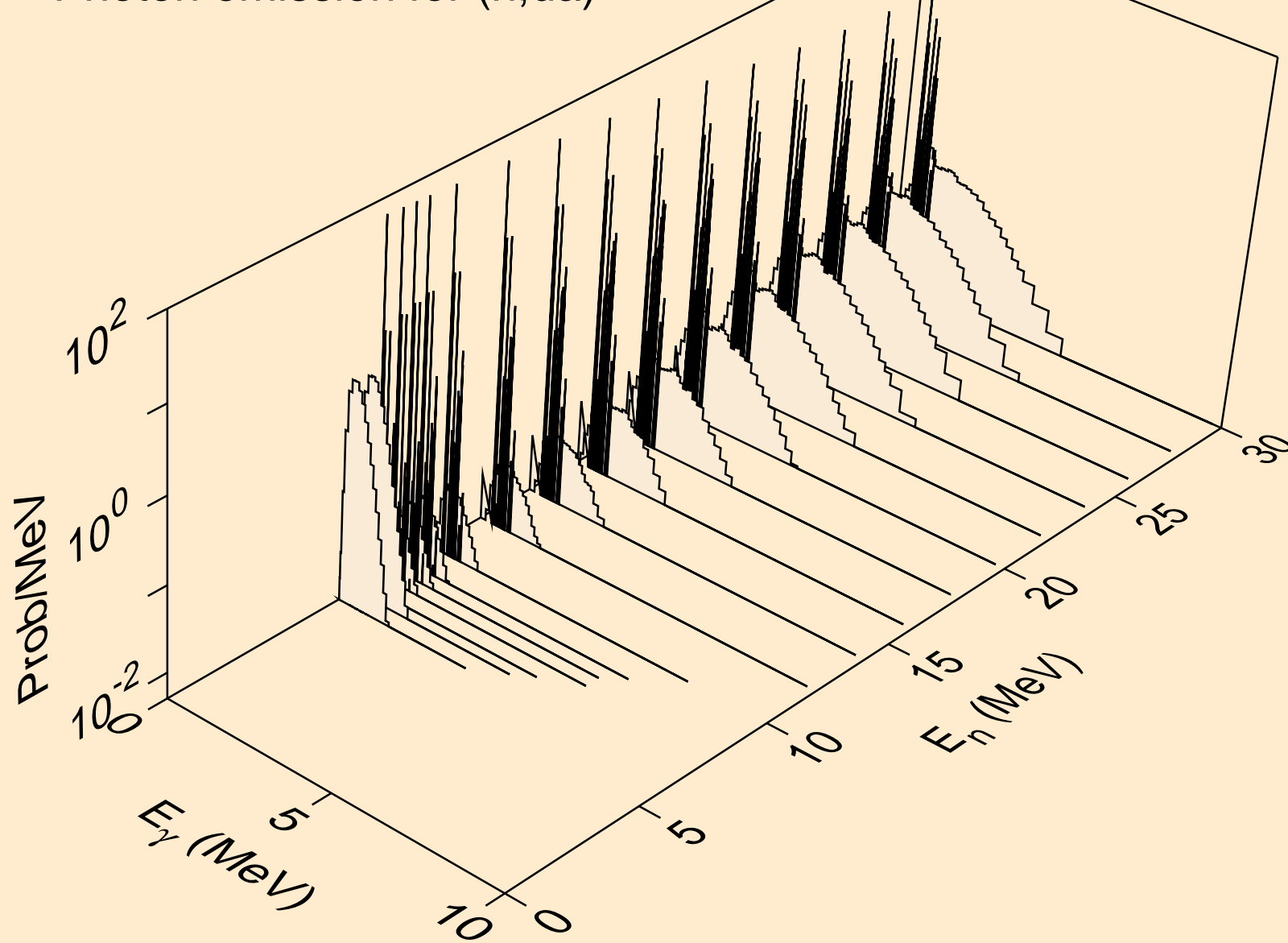
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



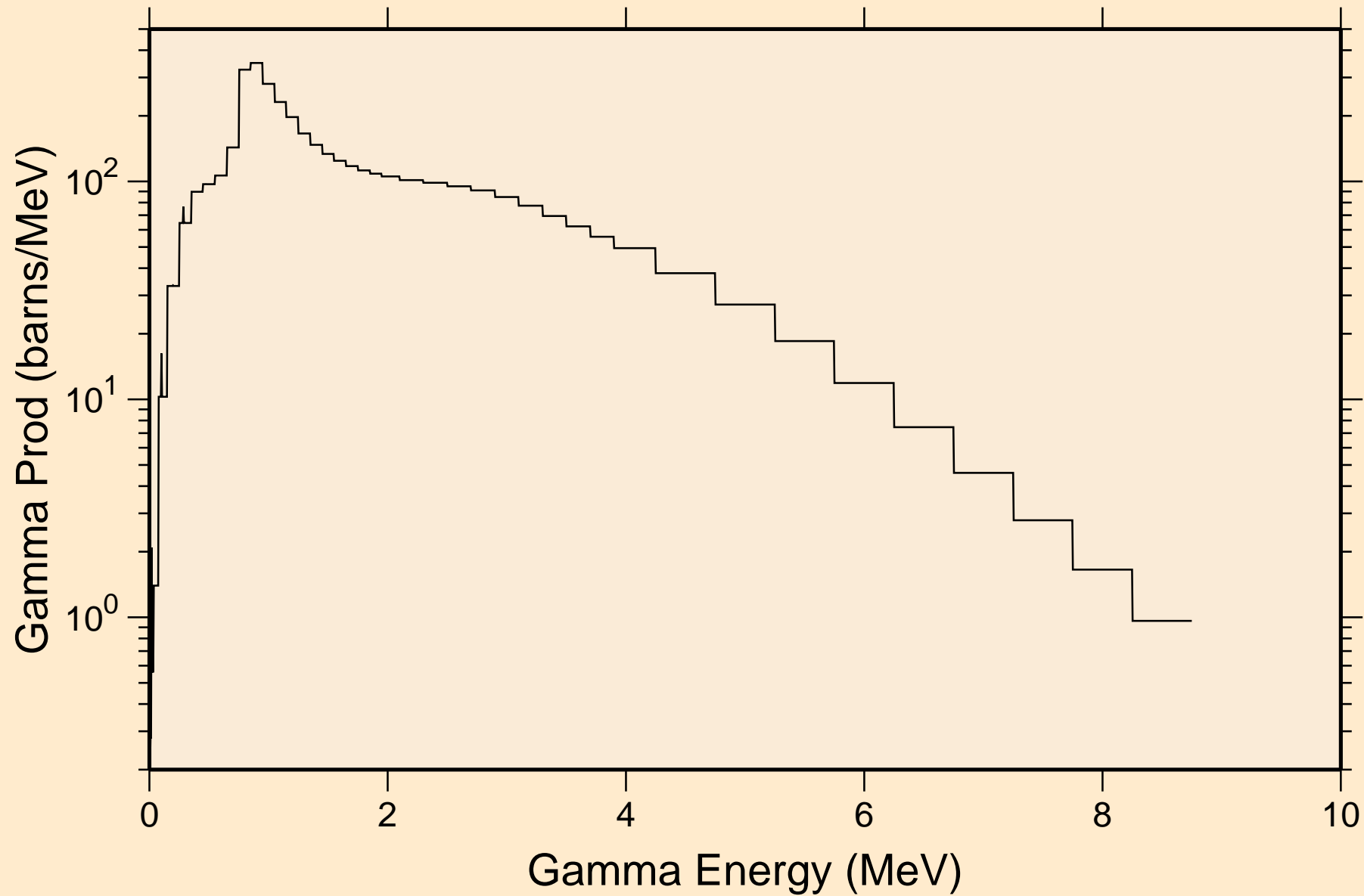
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

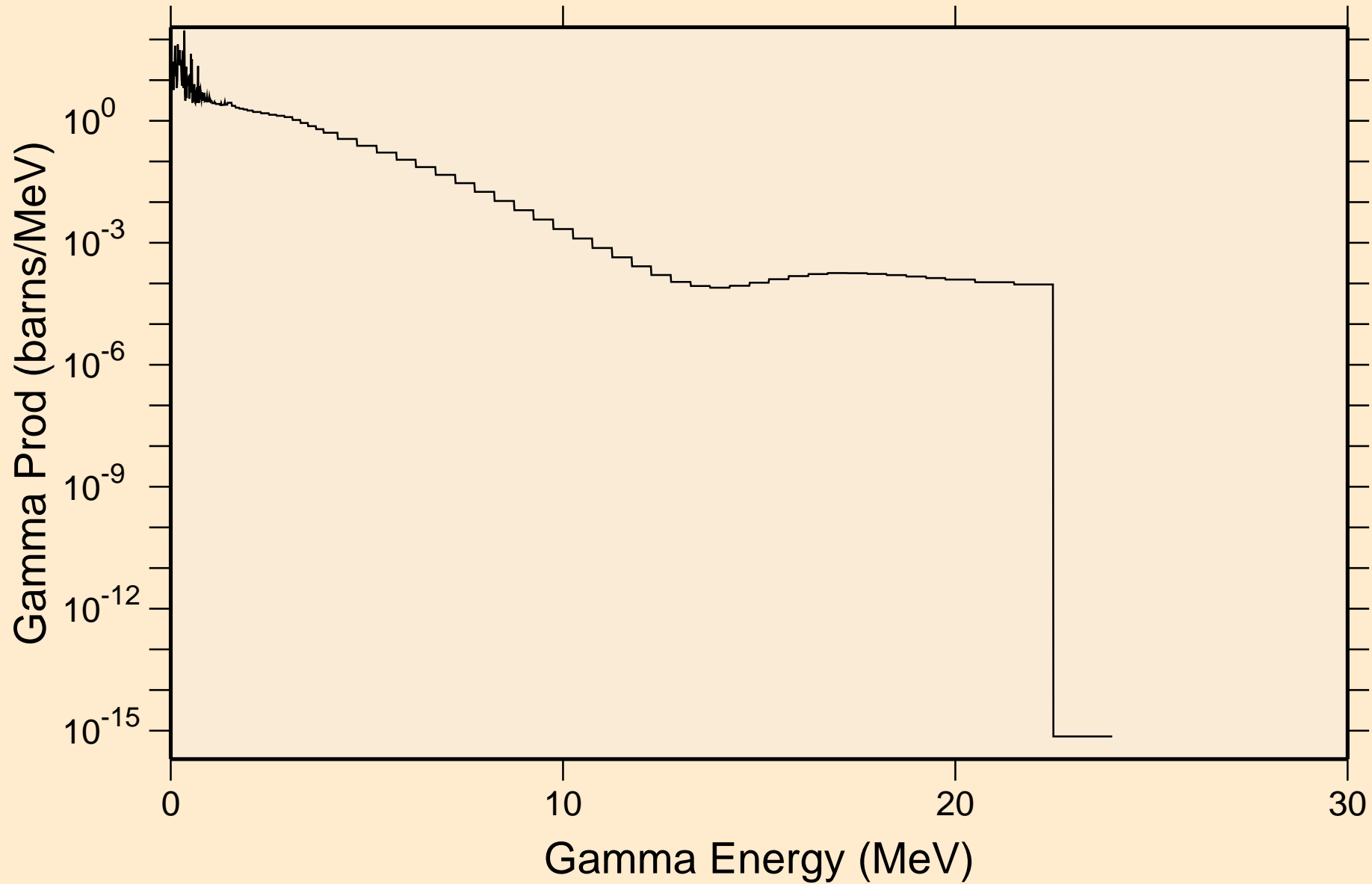


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

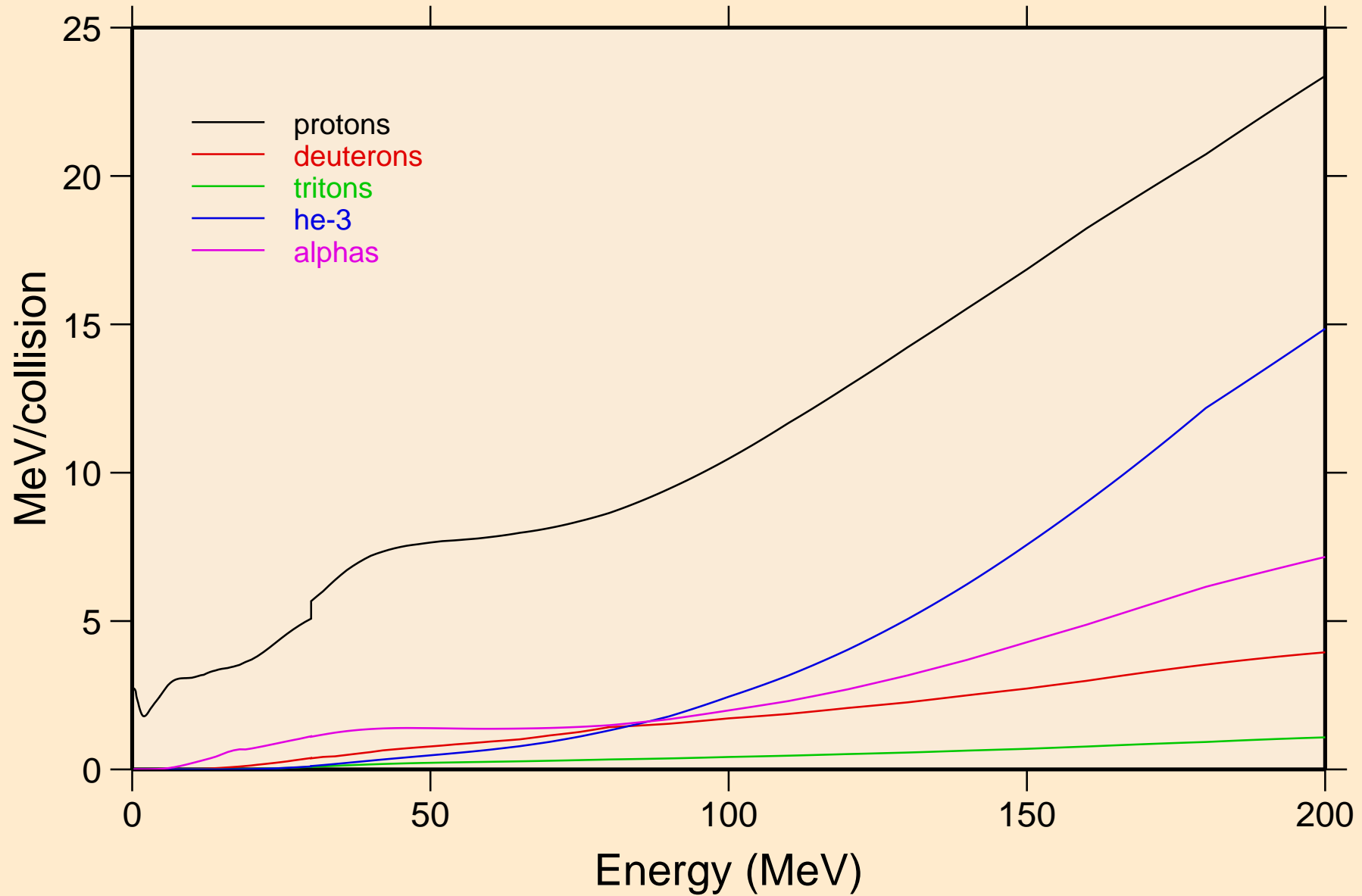




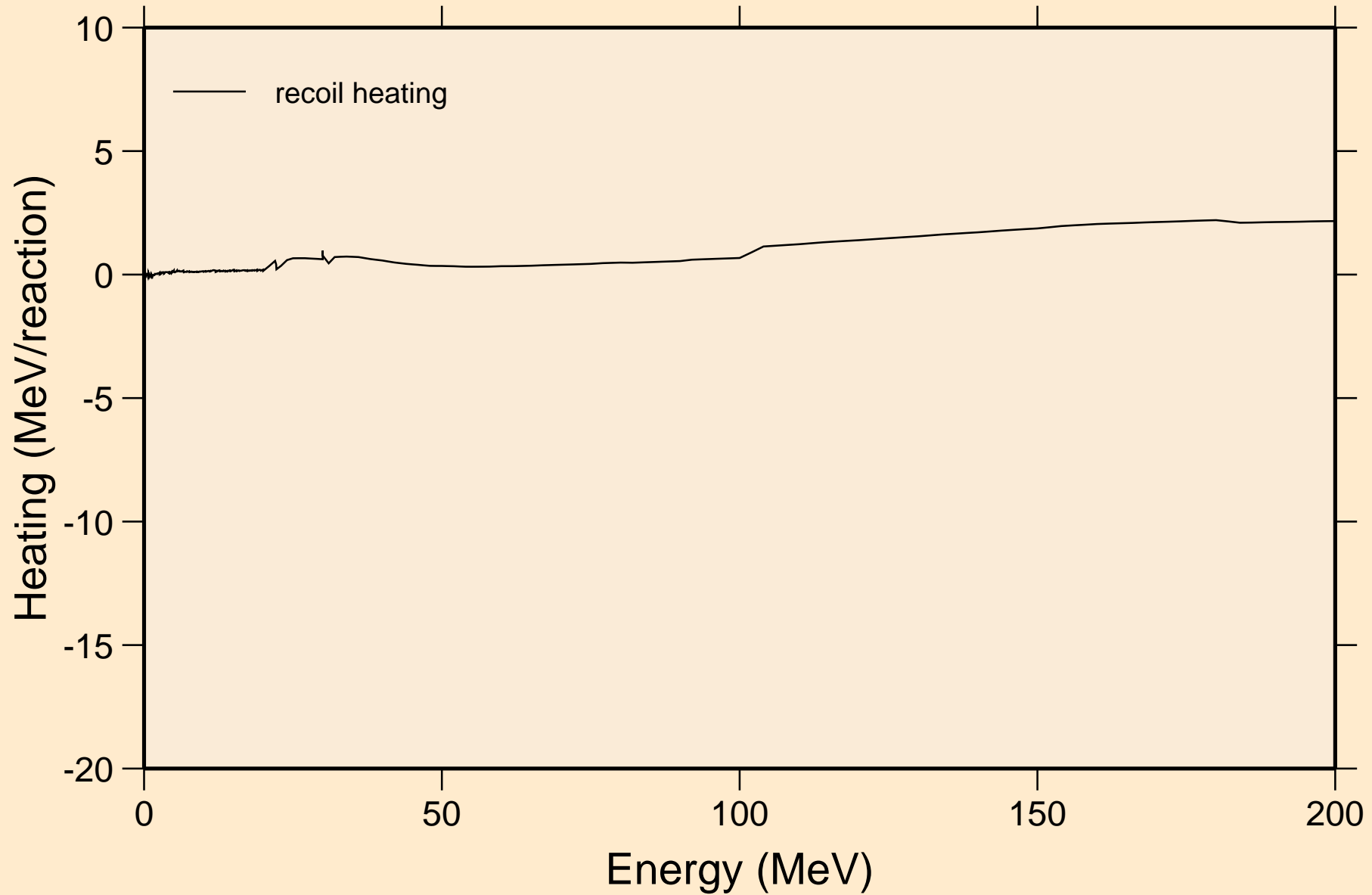
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

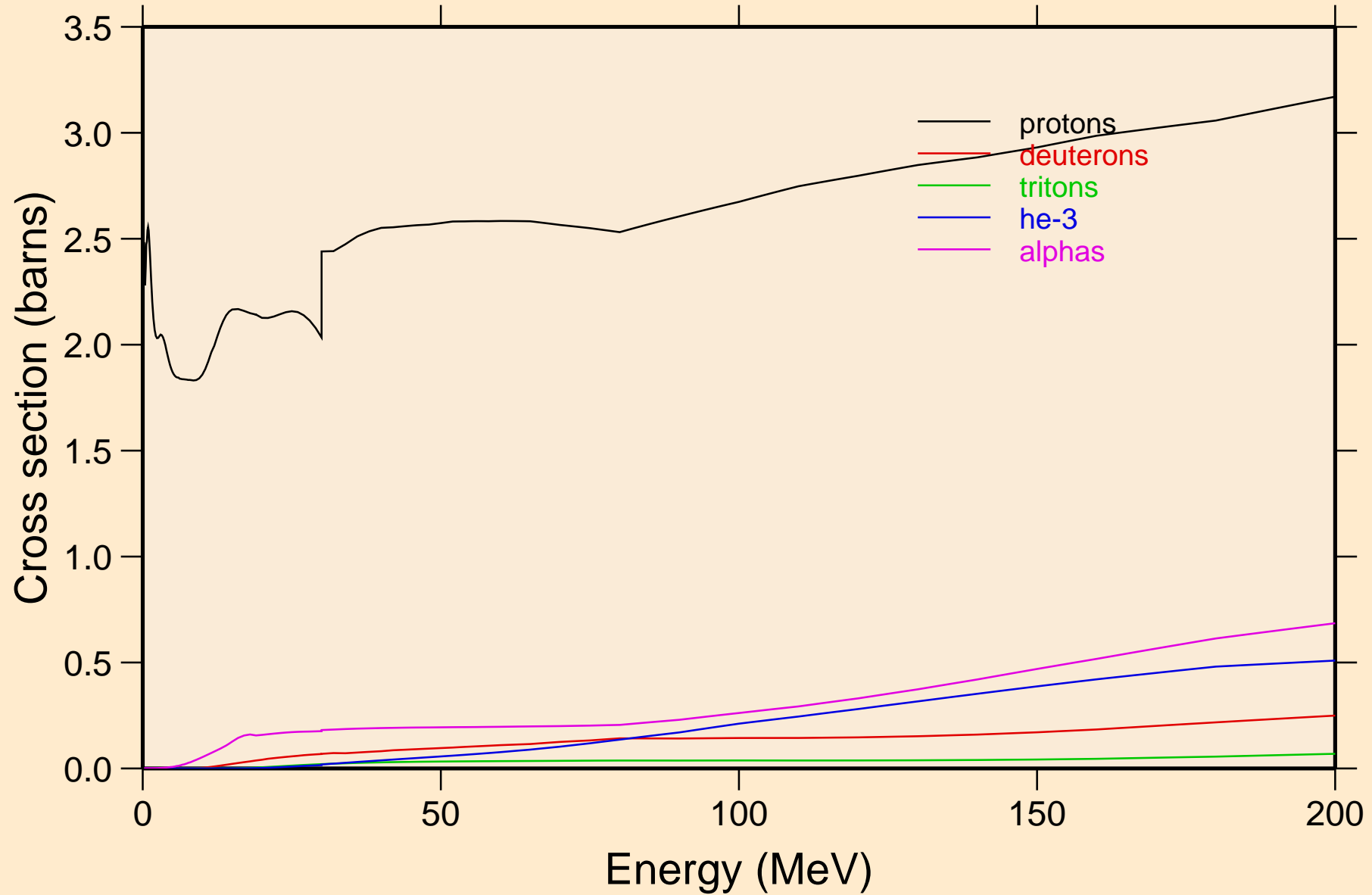


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

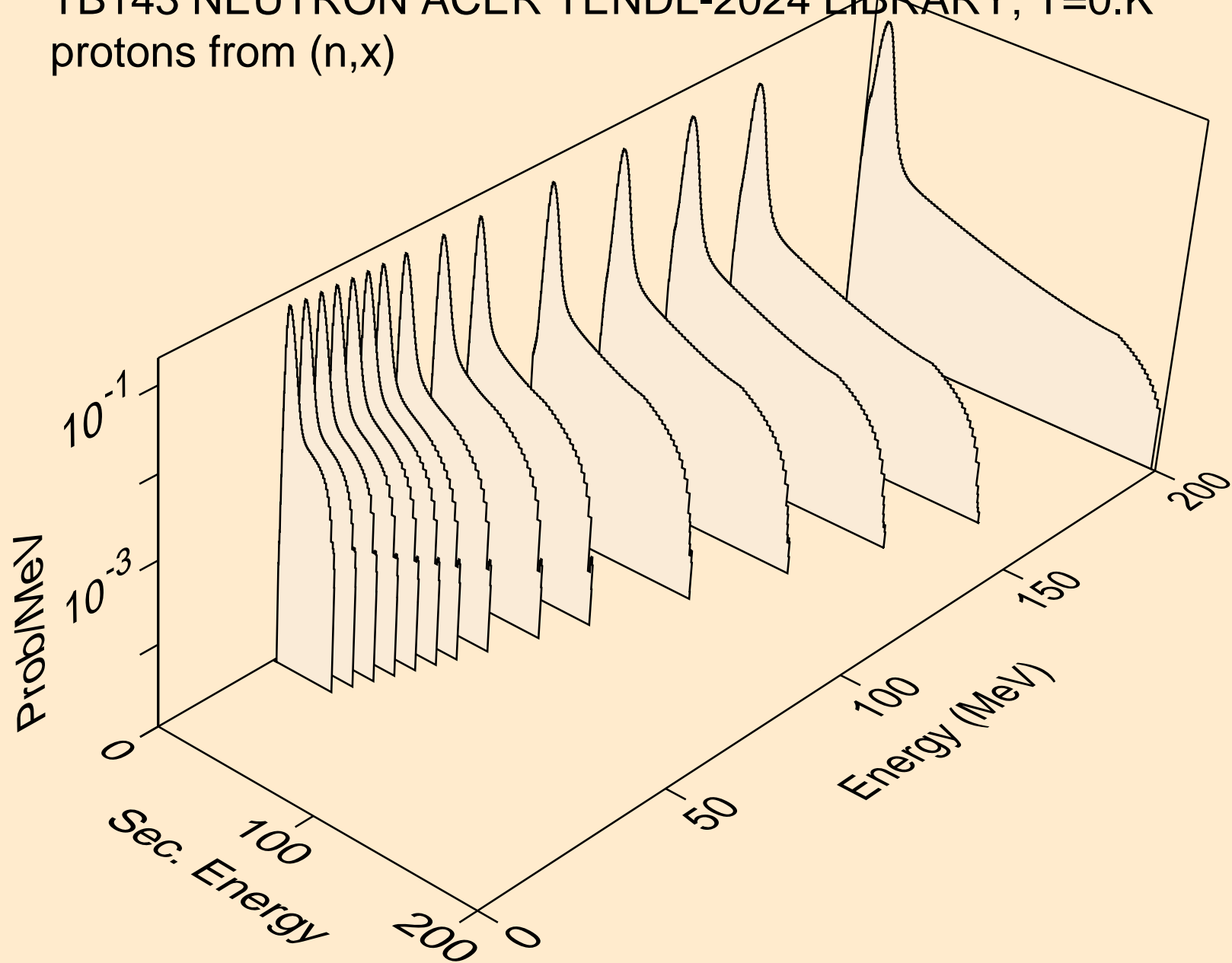


# TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

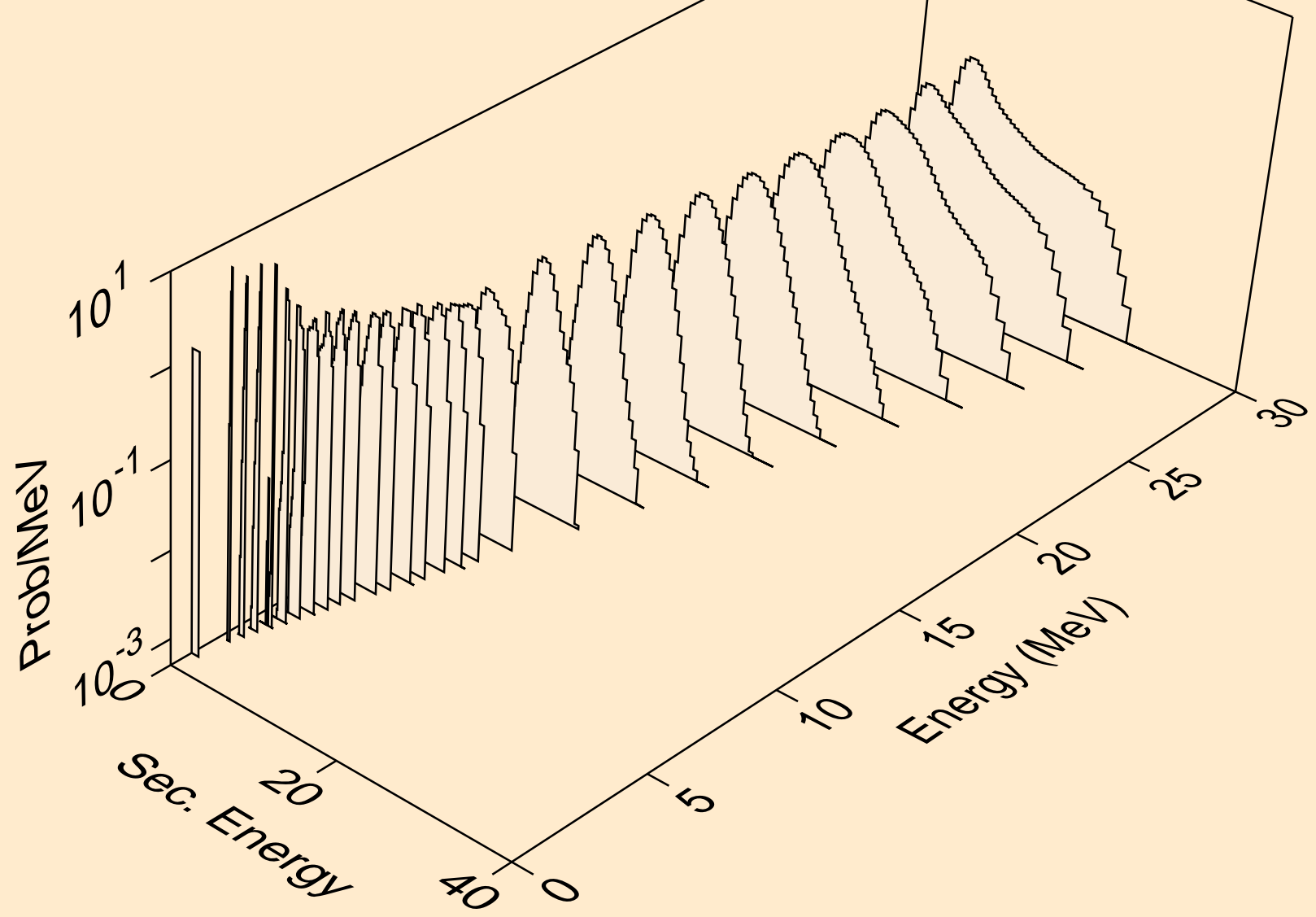
## Particle production cross sections



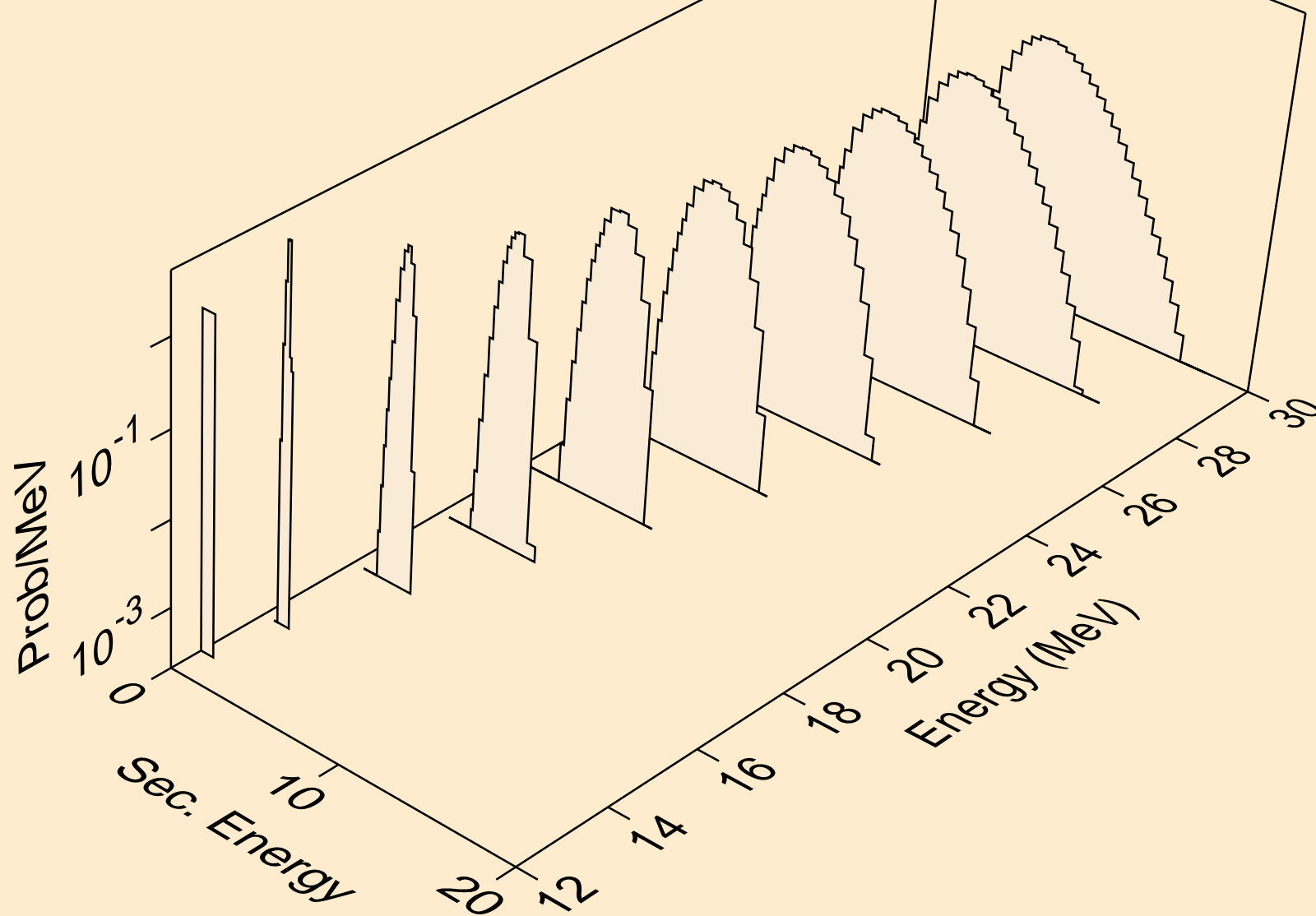
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



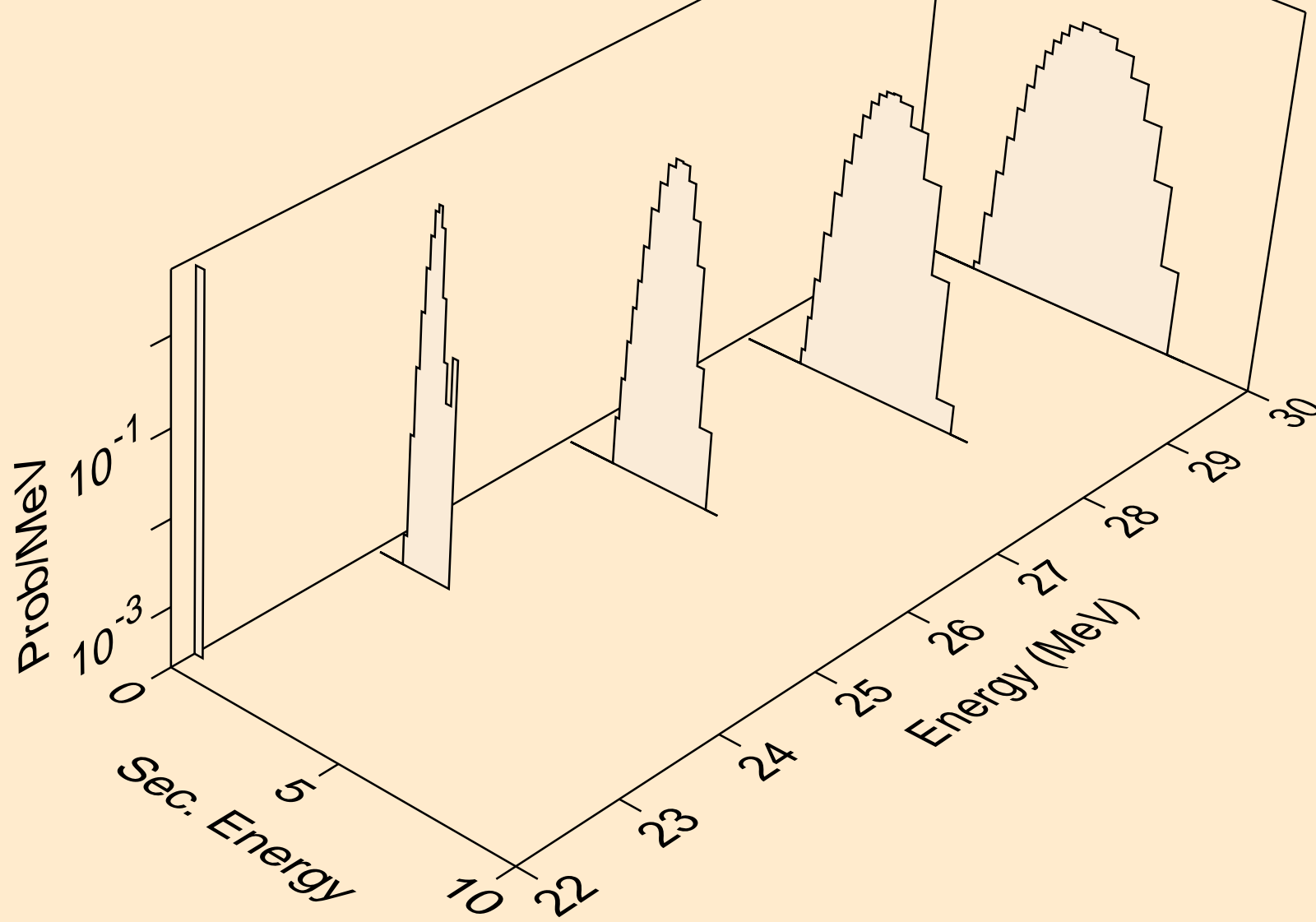
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

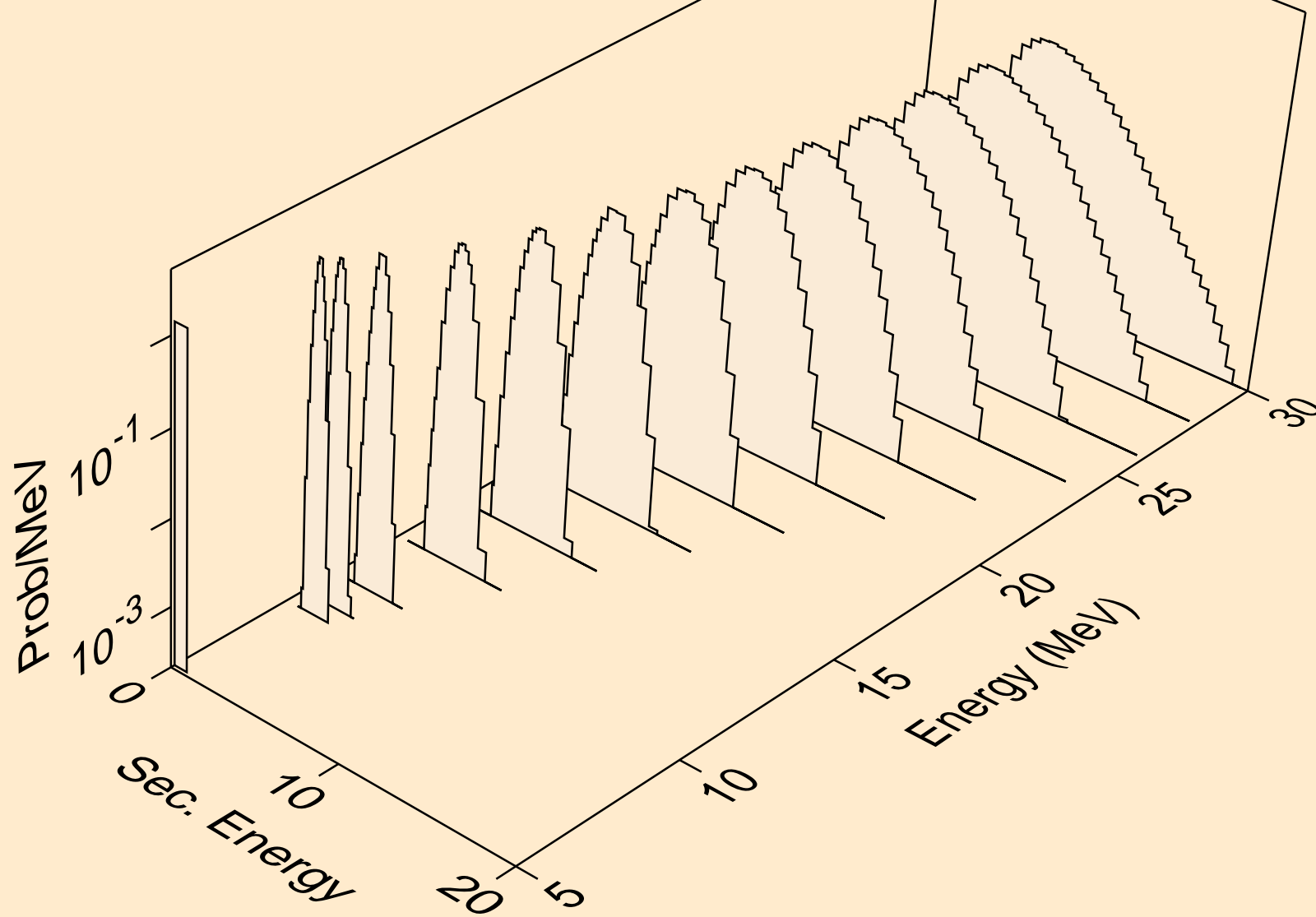


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

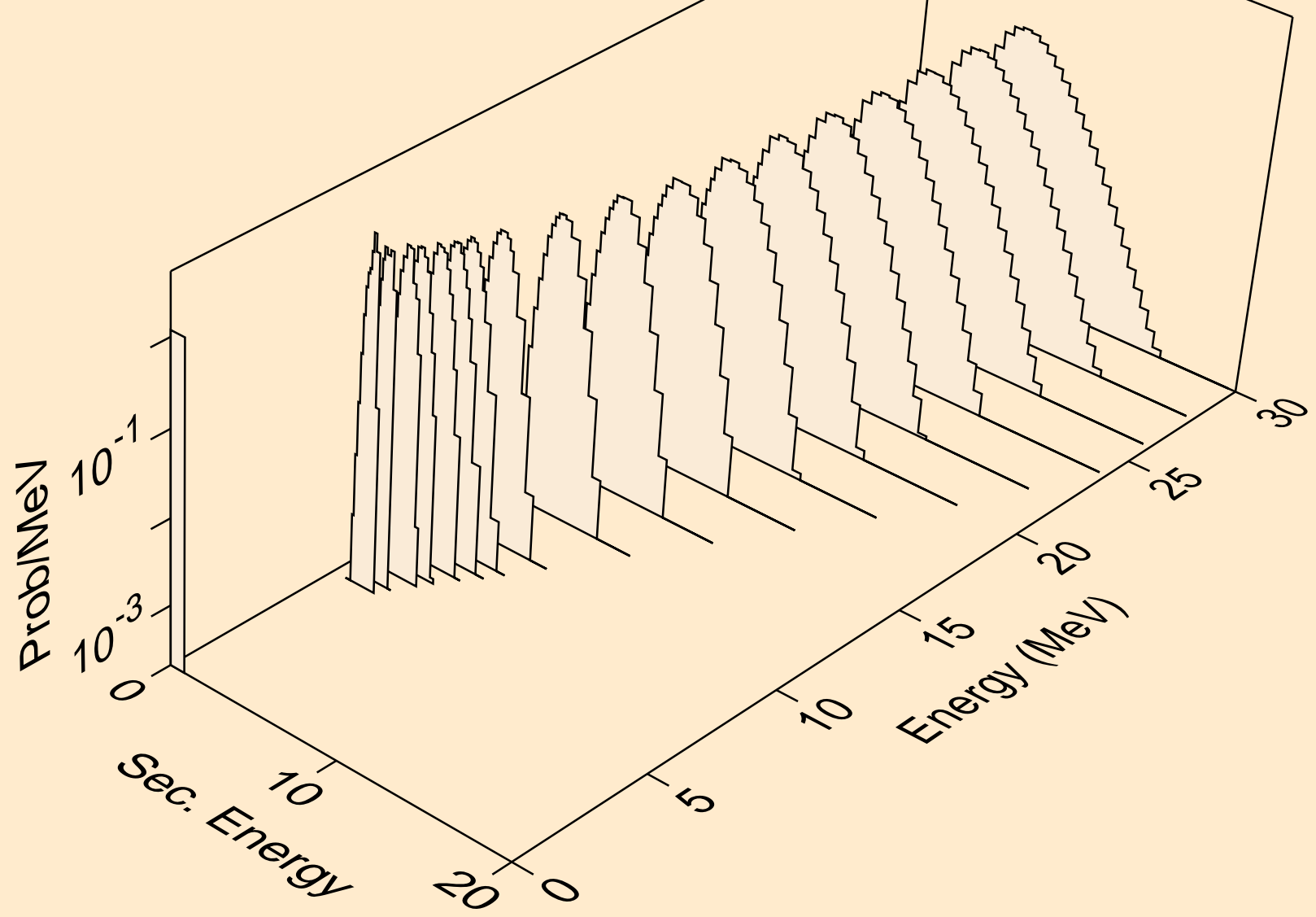




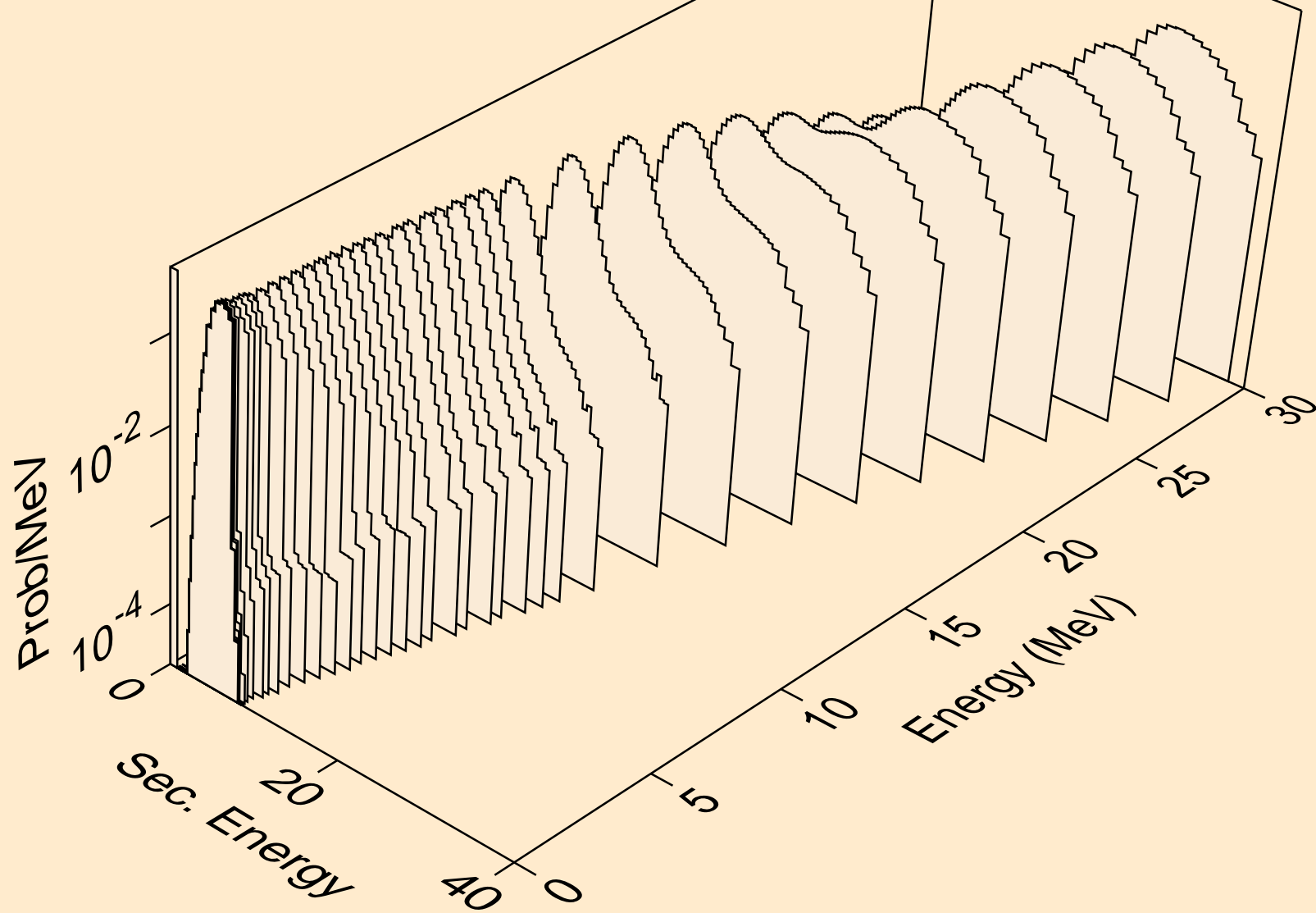
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



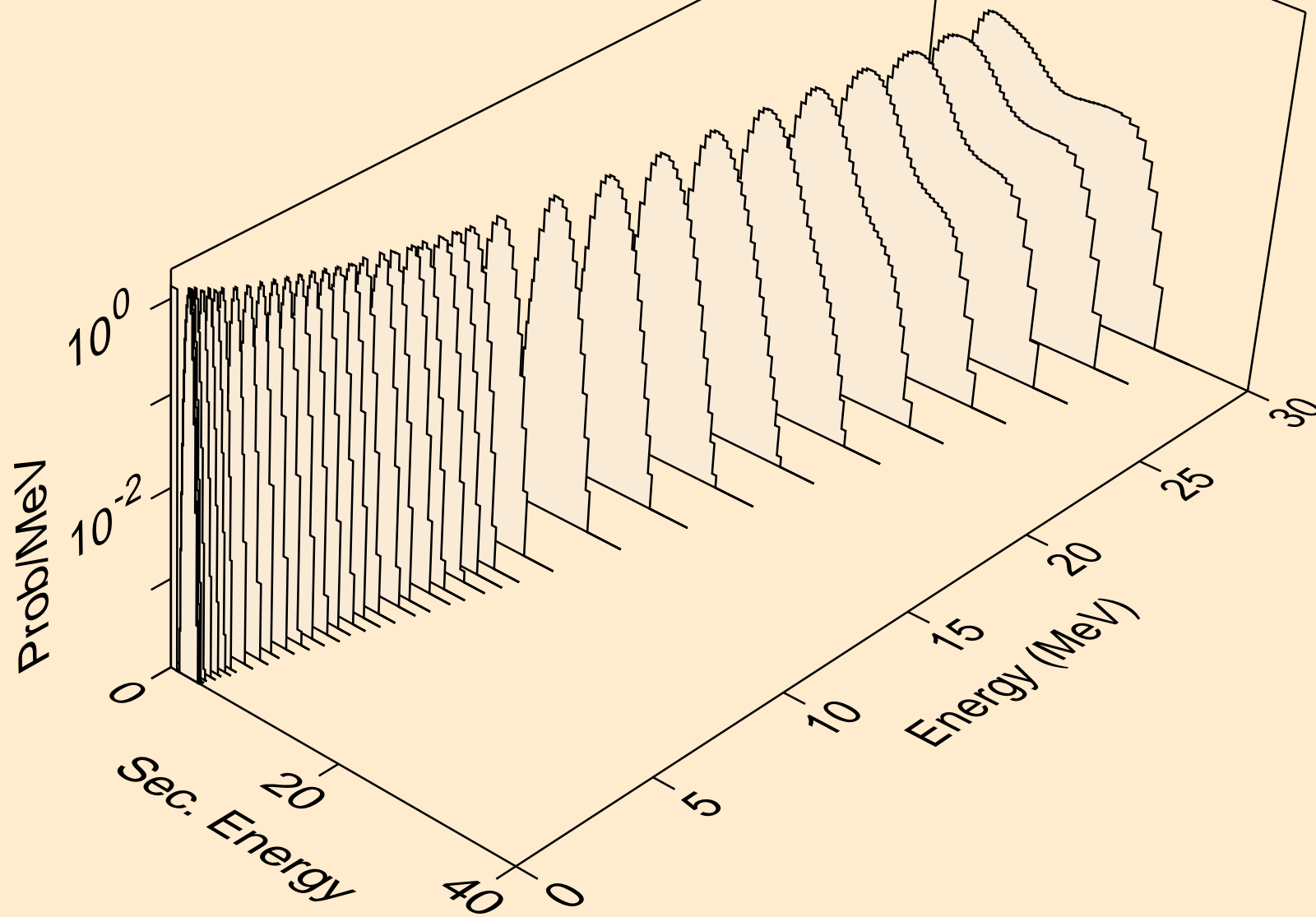
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



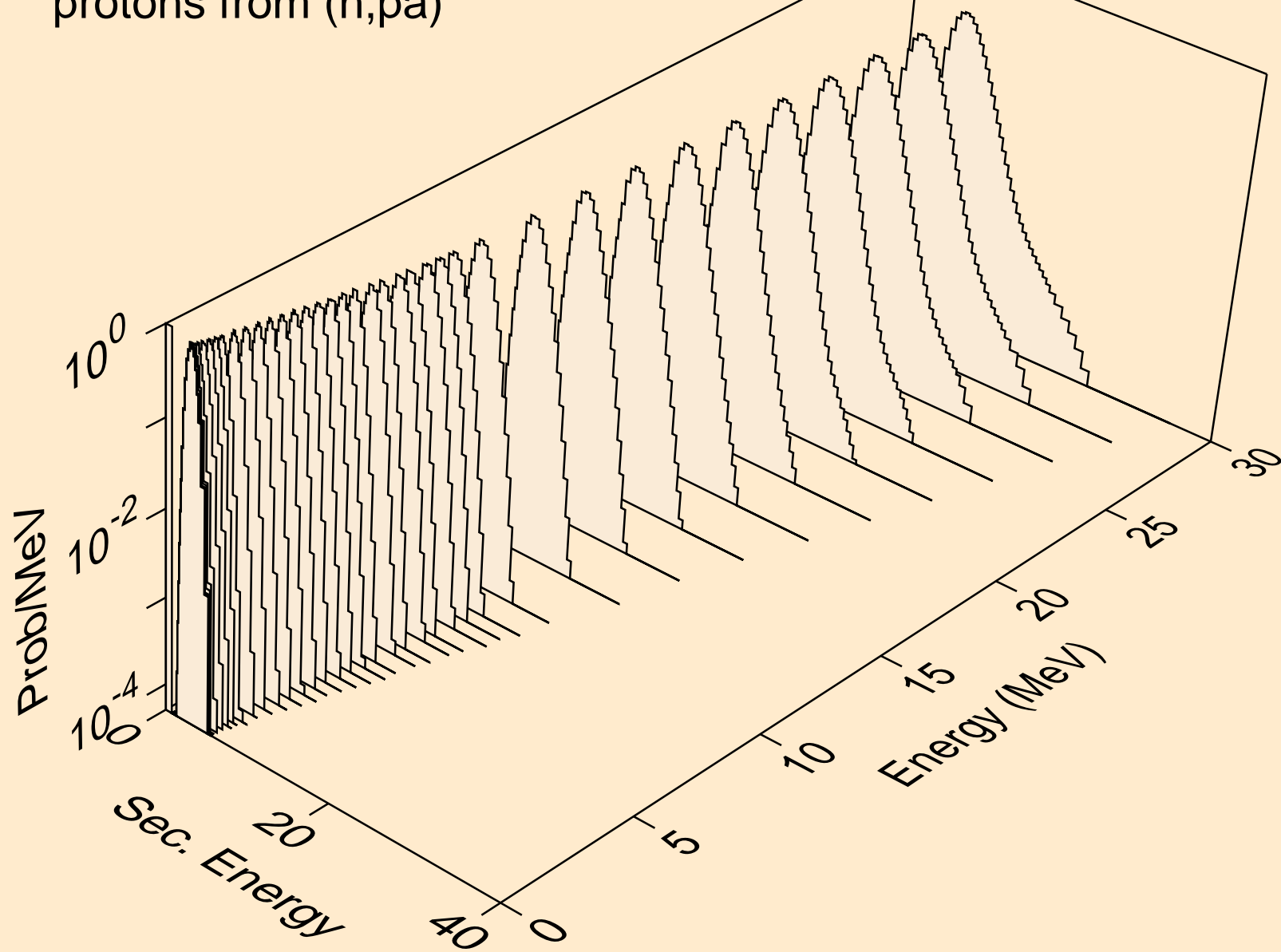
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



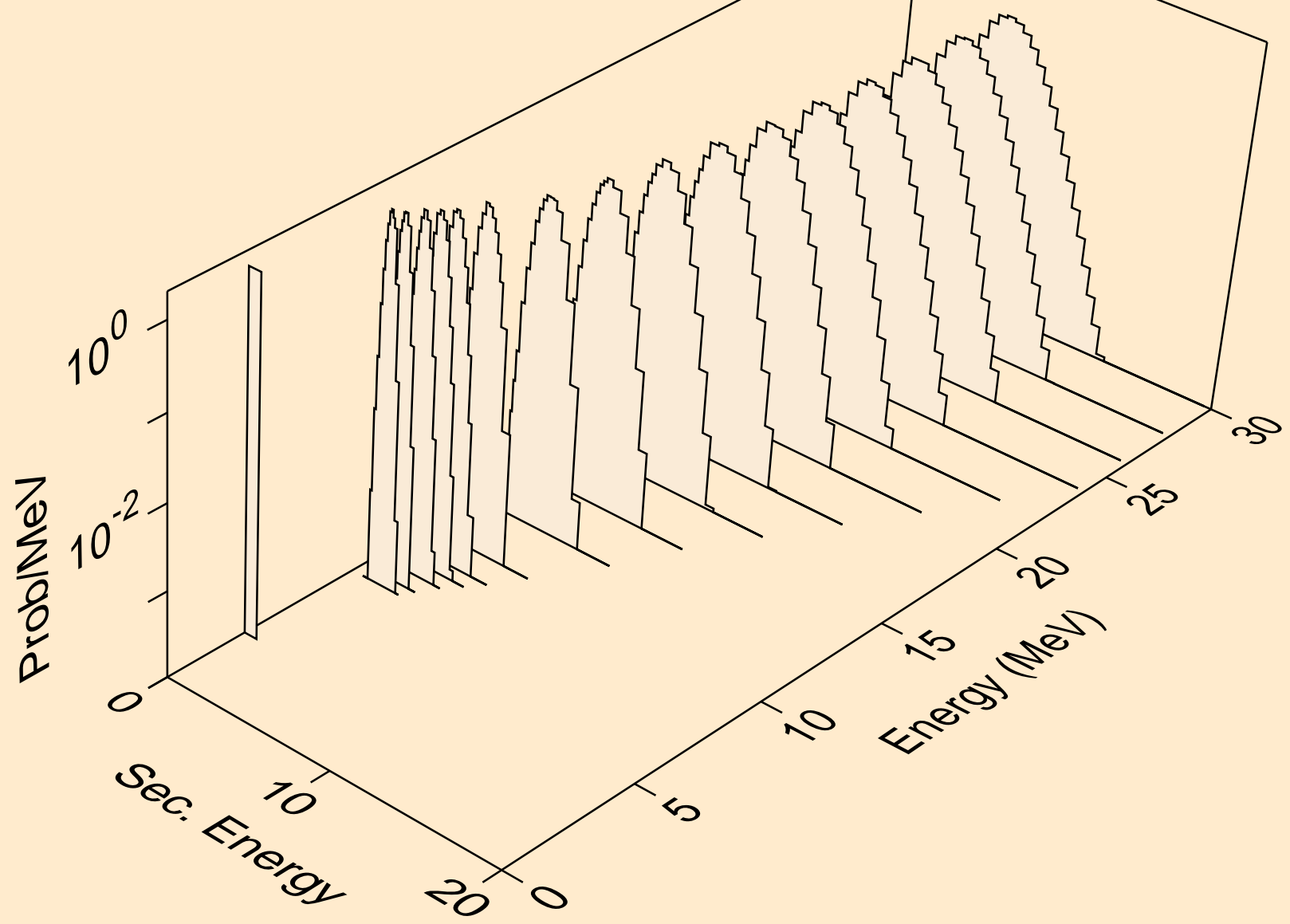
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



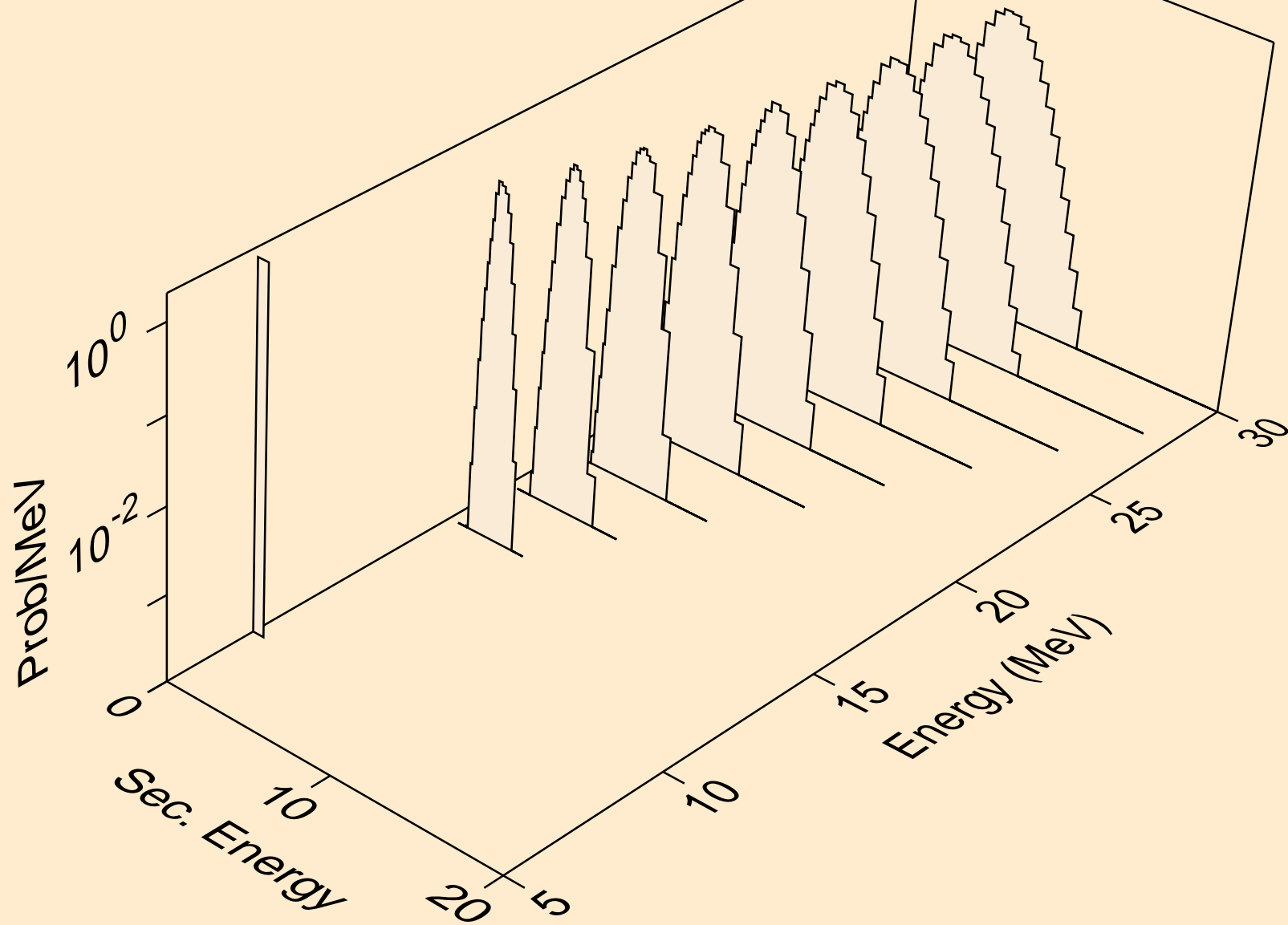
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



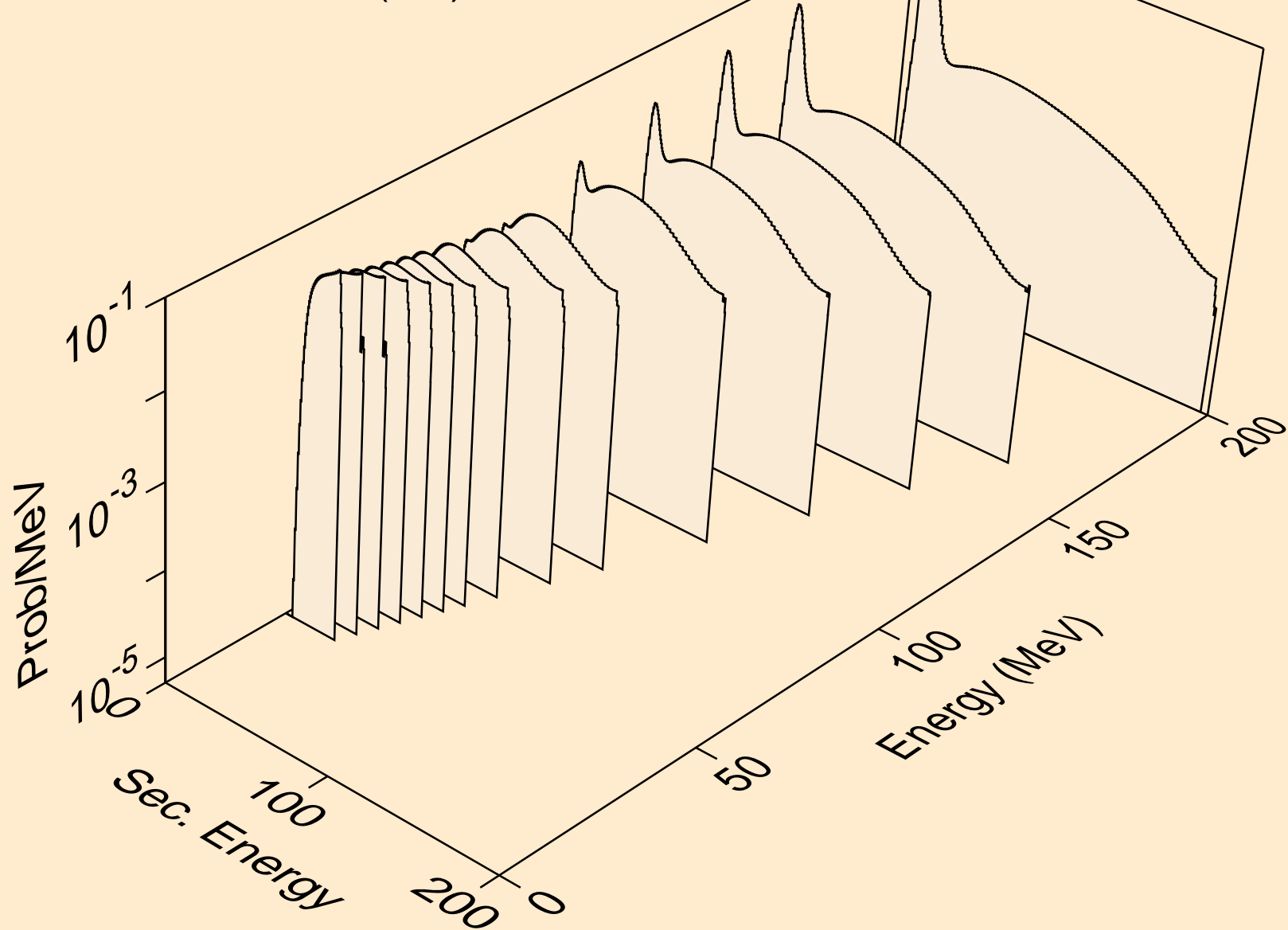
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

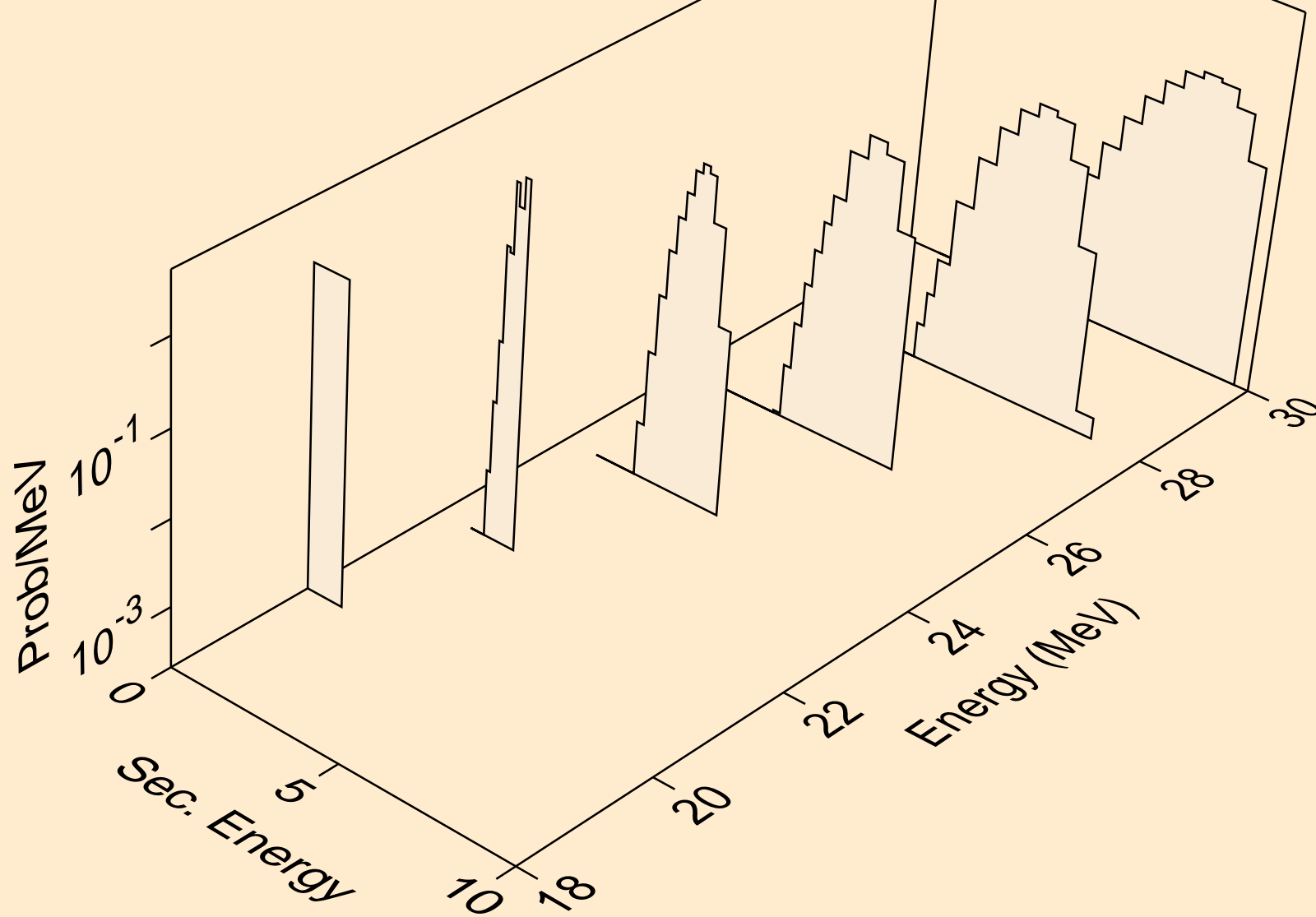


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

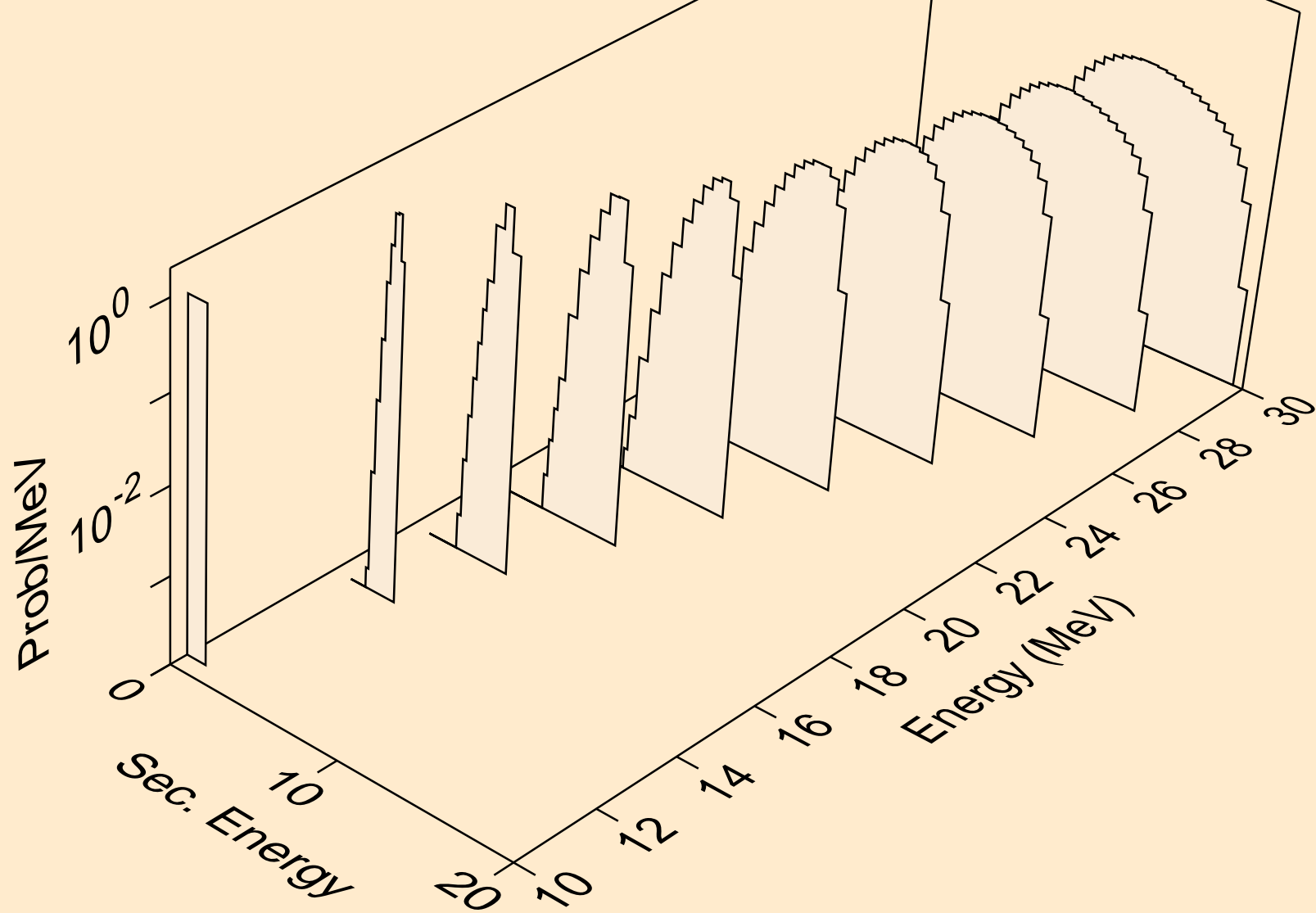




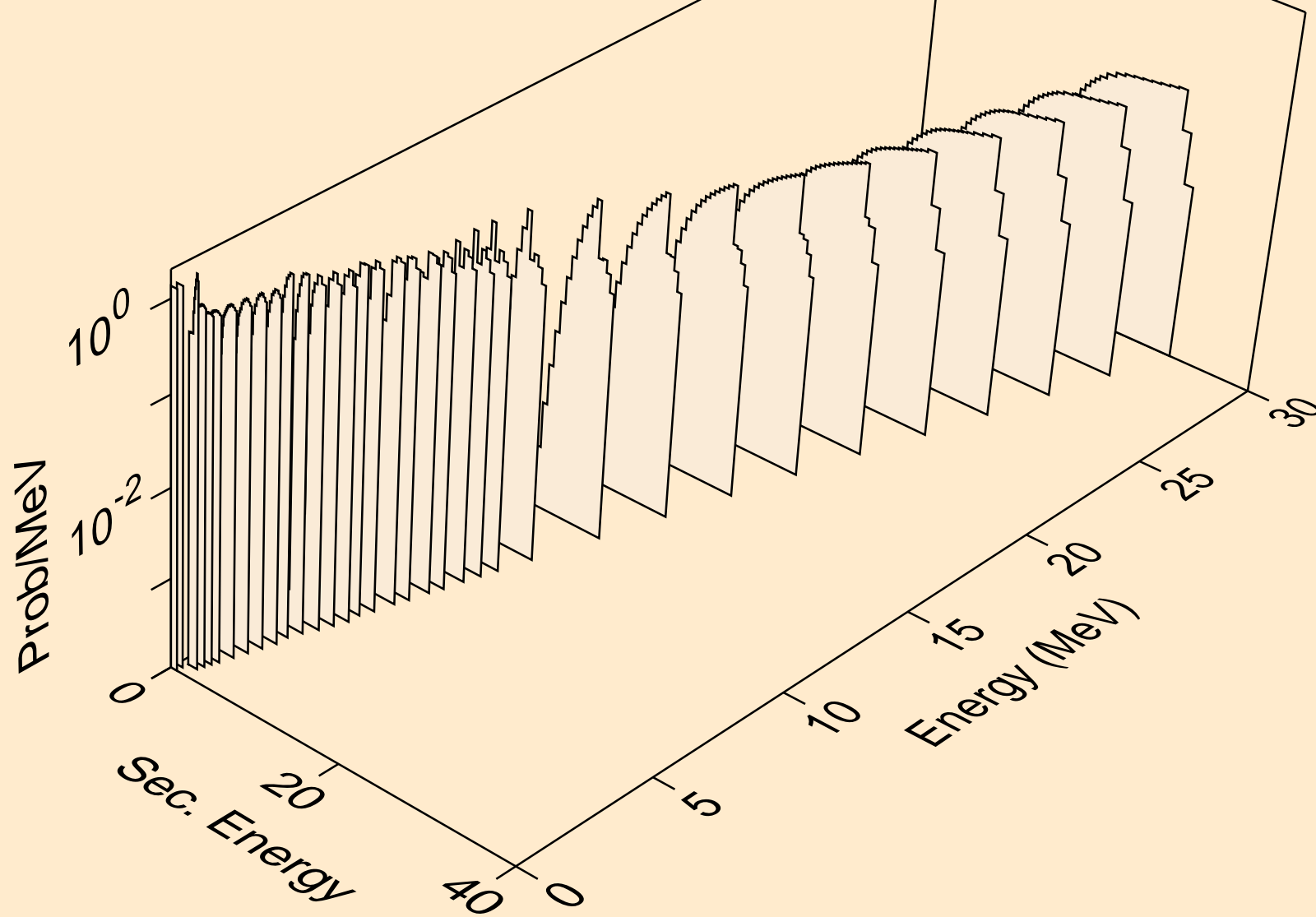
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



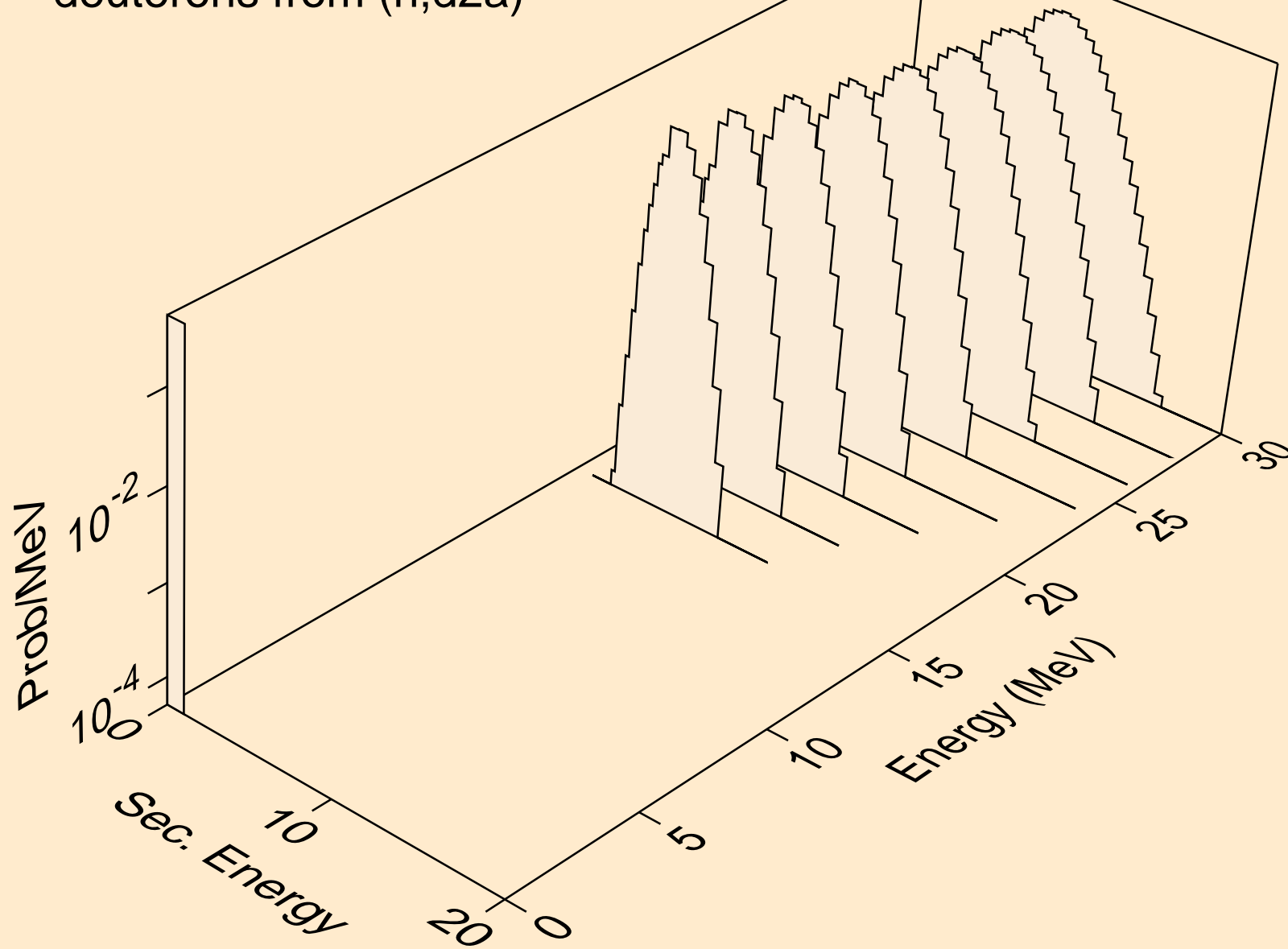
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



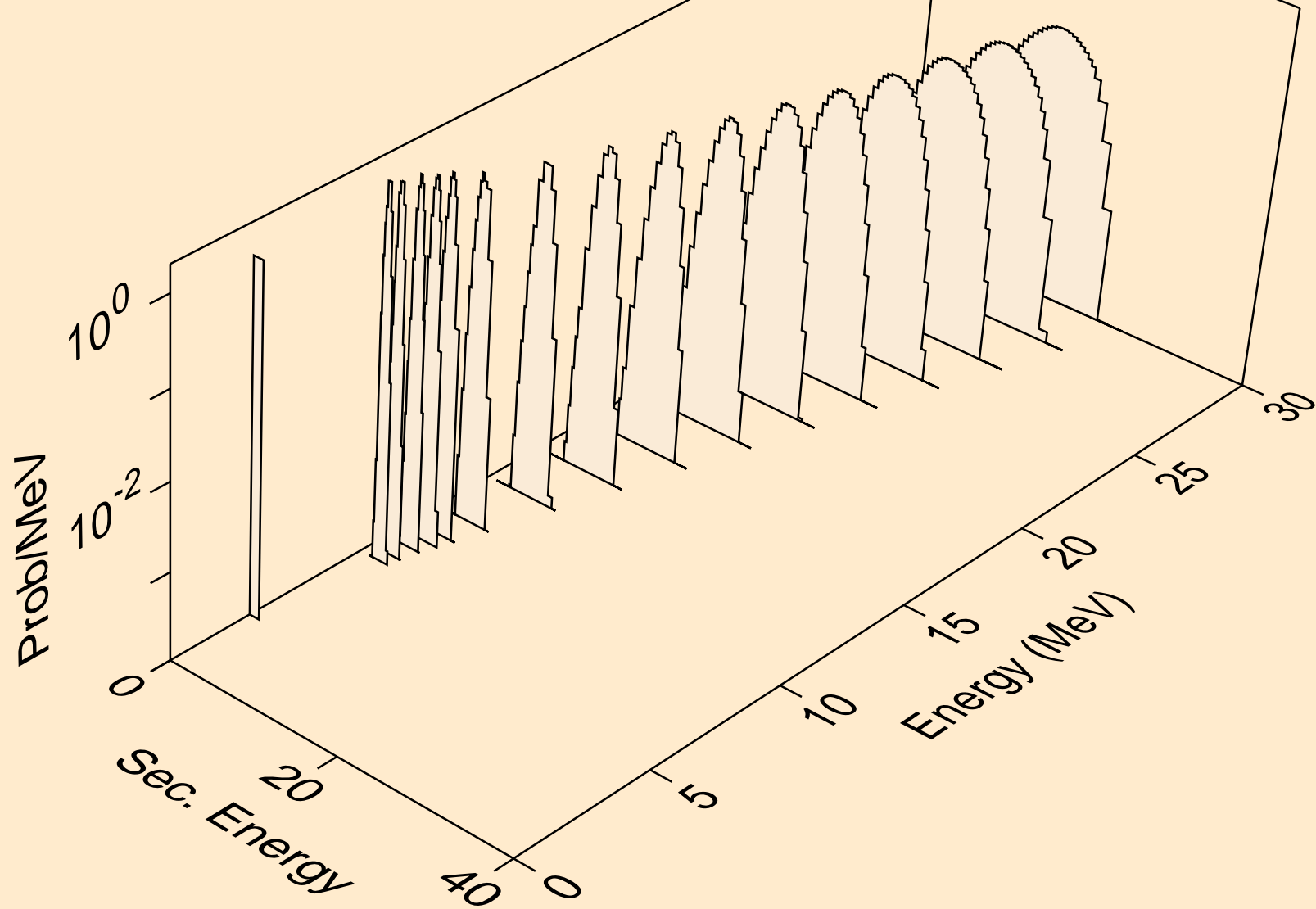
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



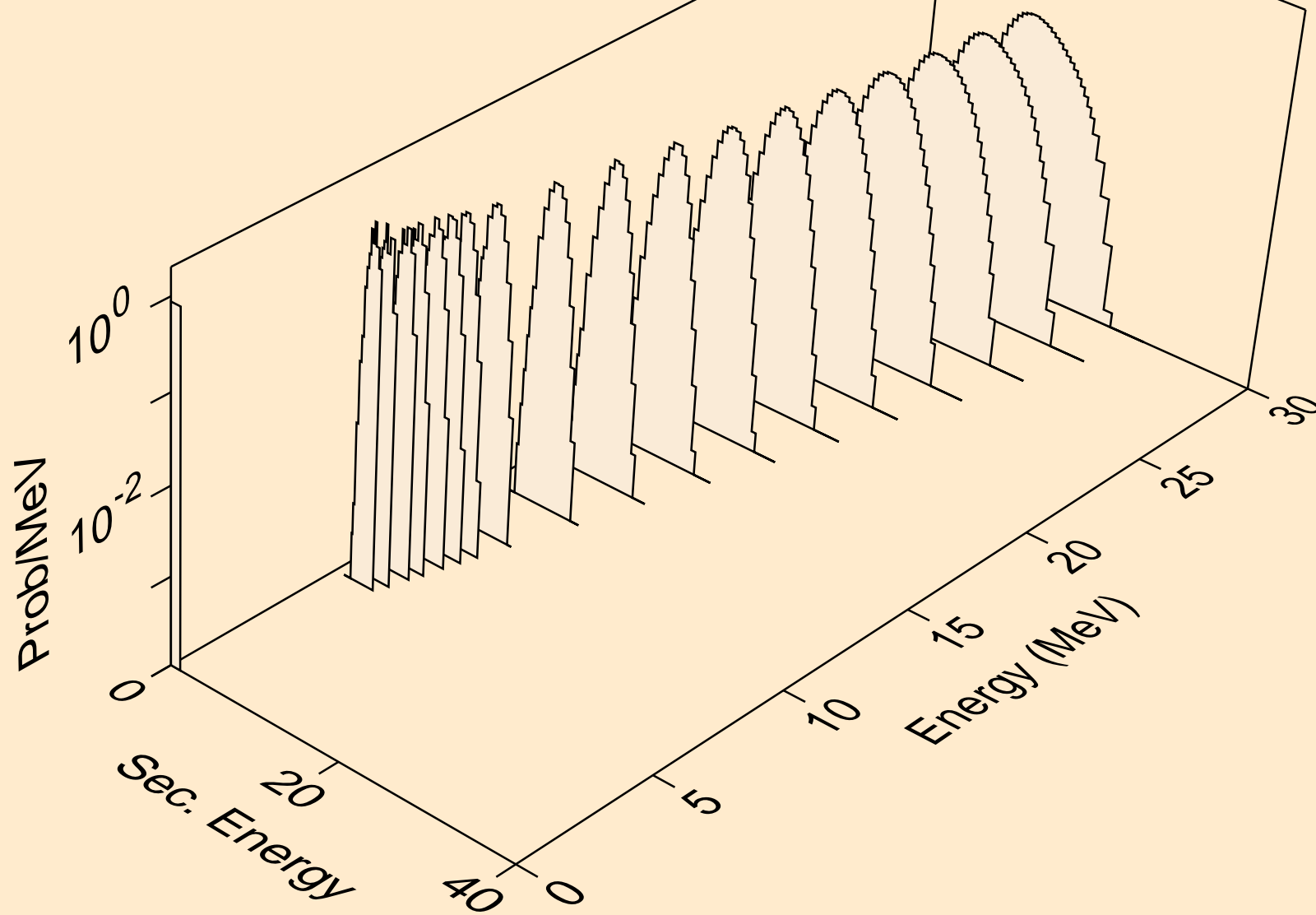
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)



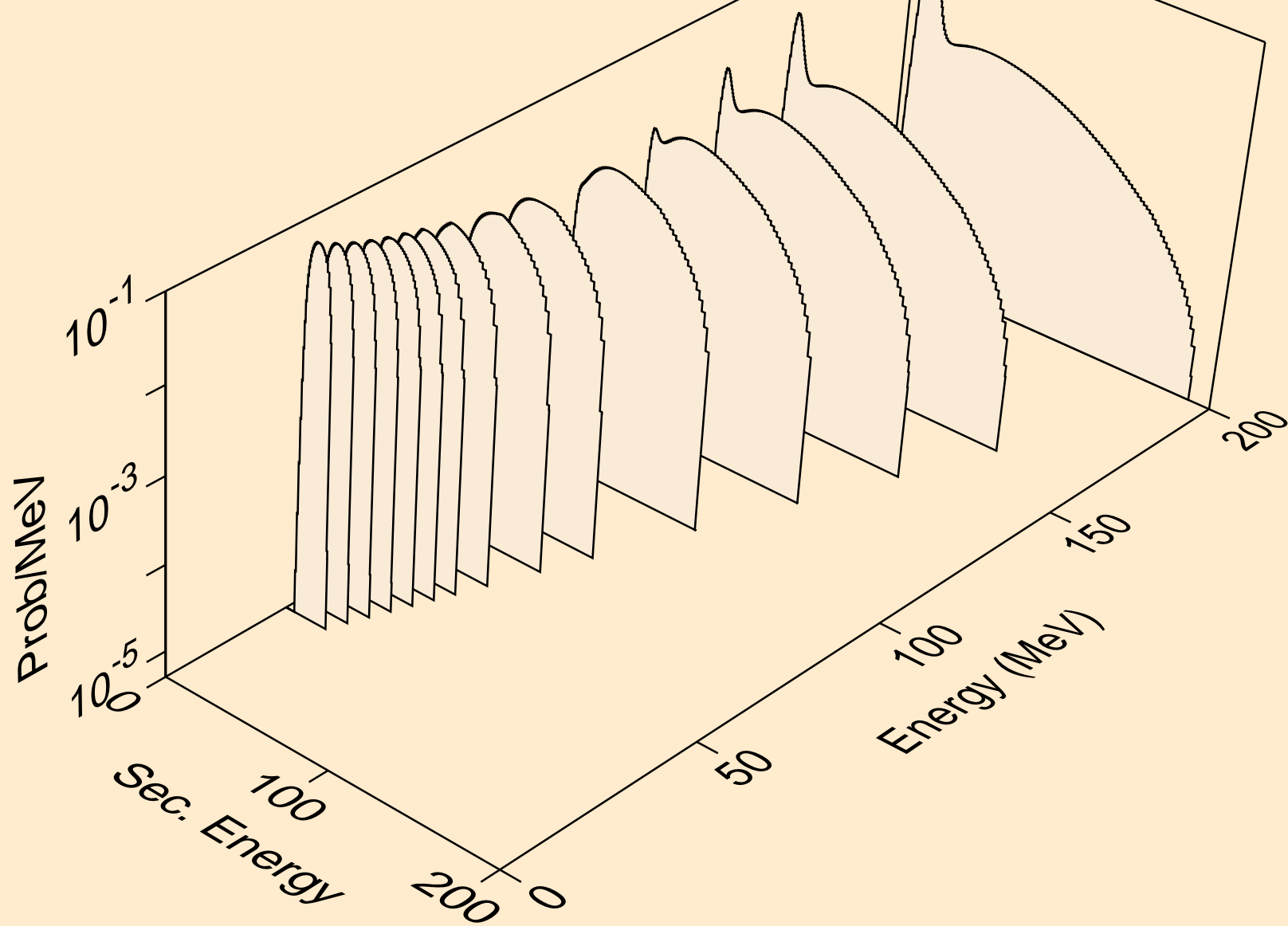
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



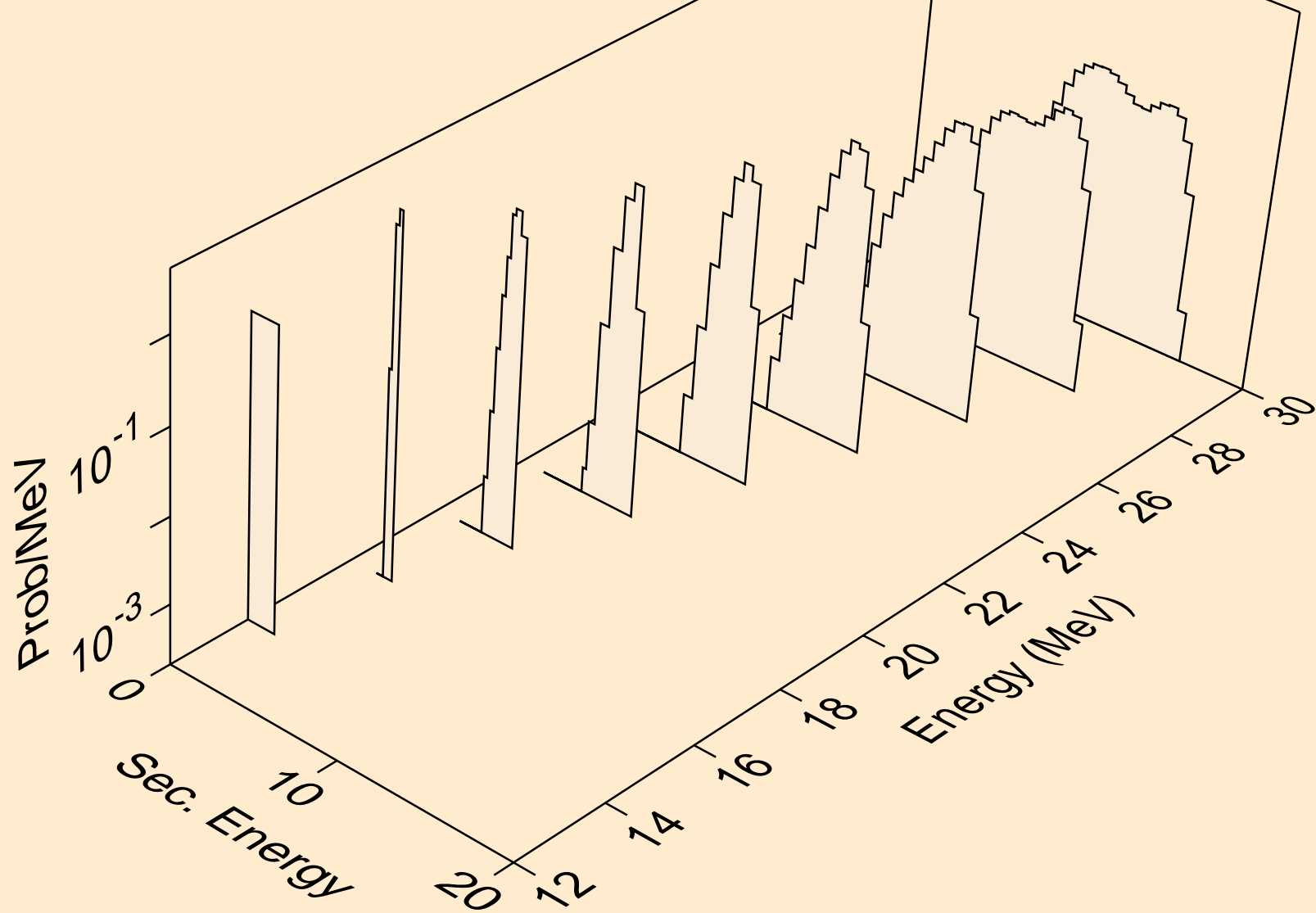
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

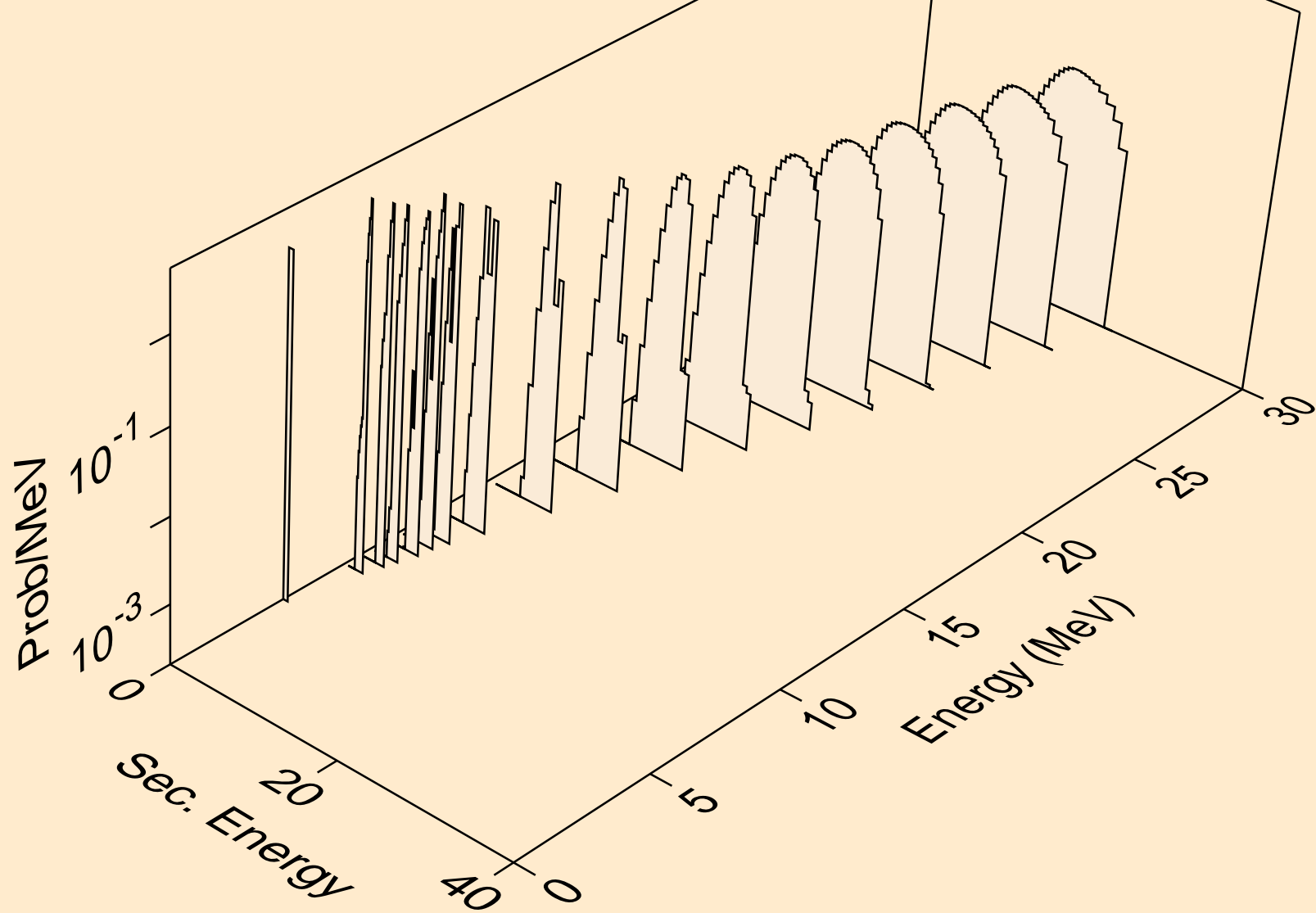


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

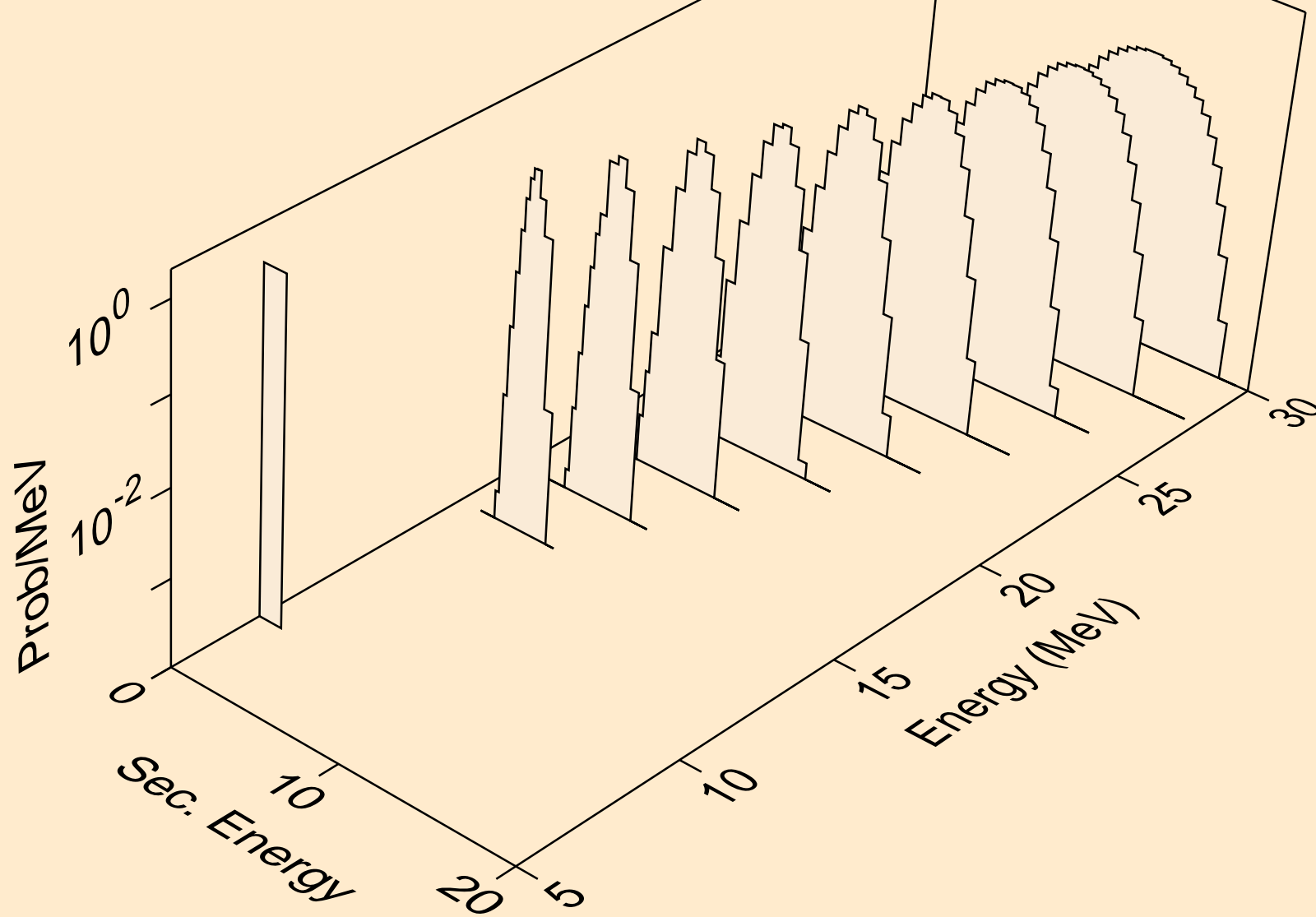




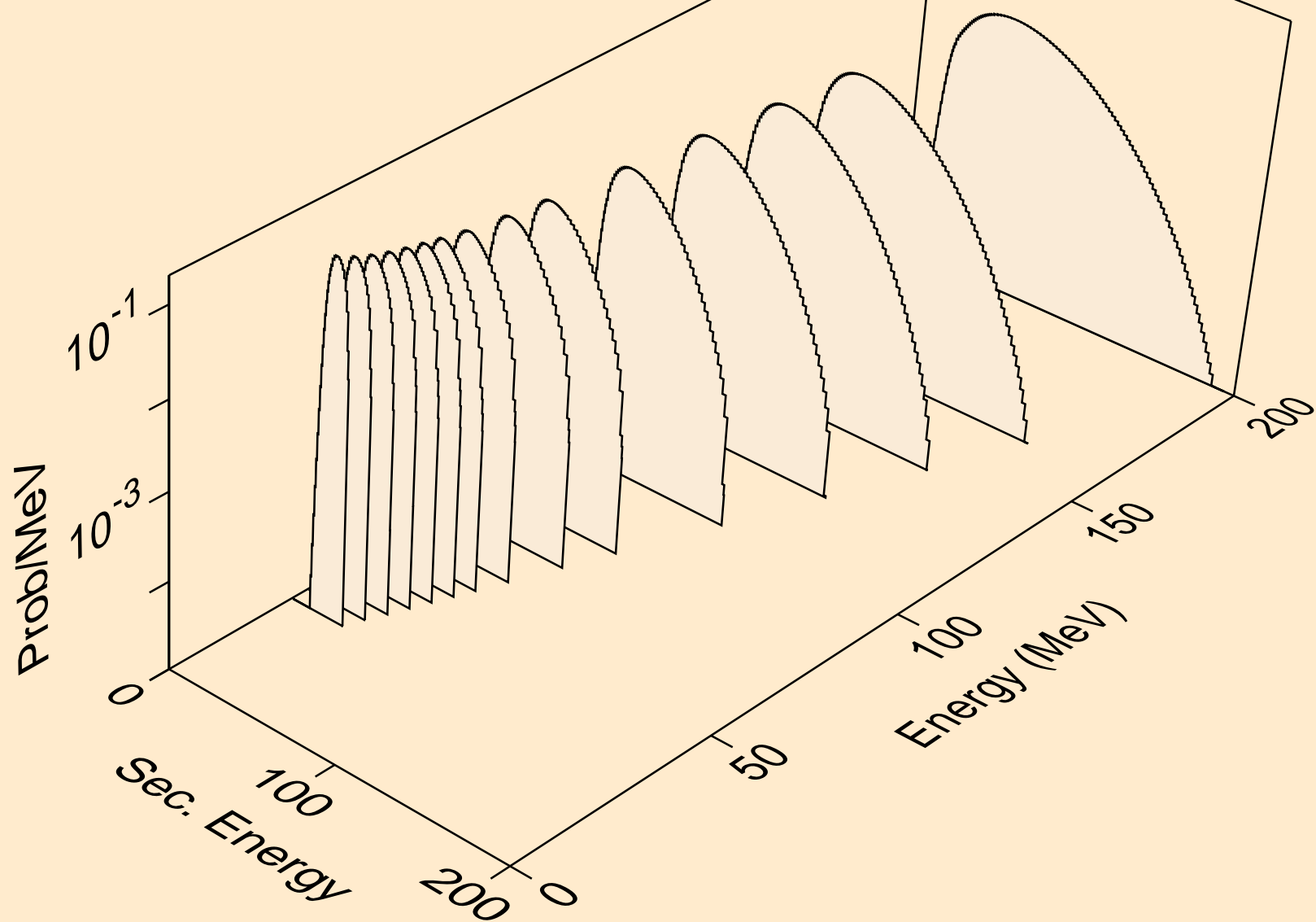
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



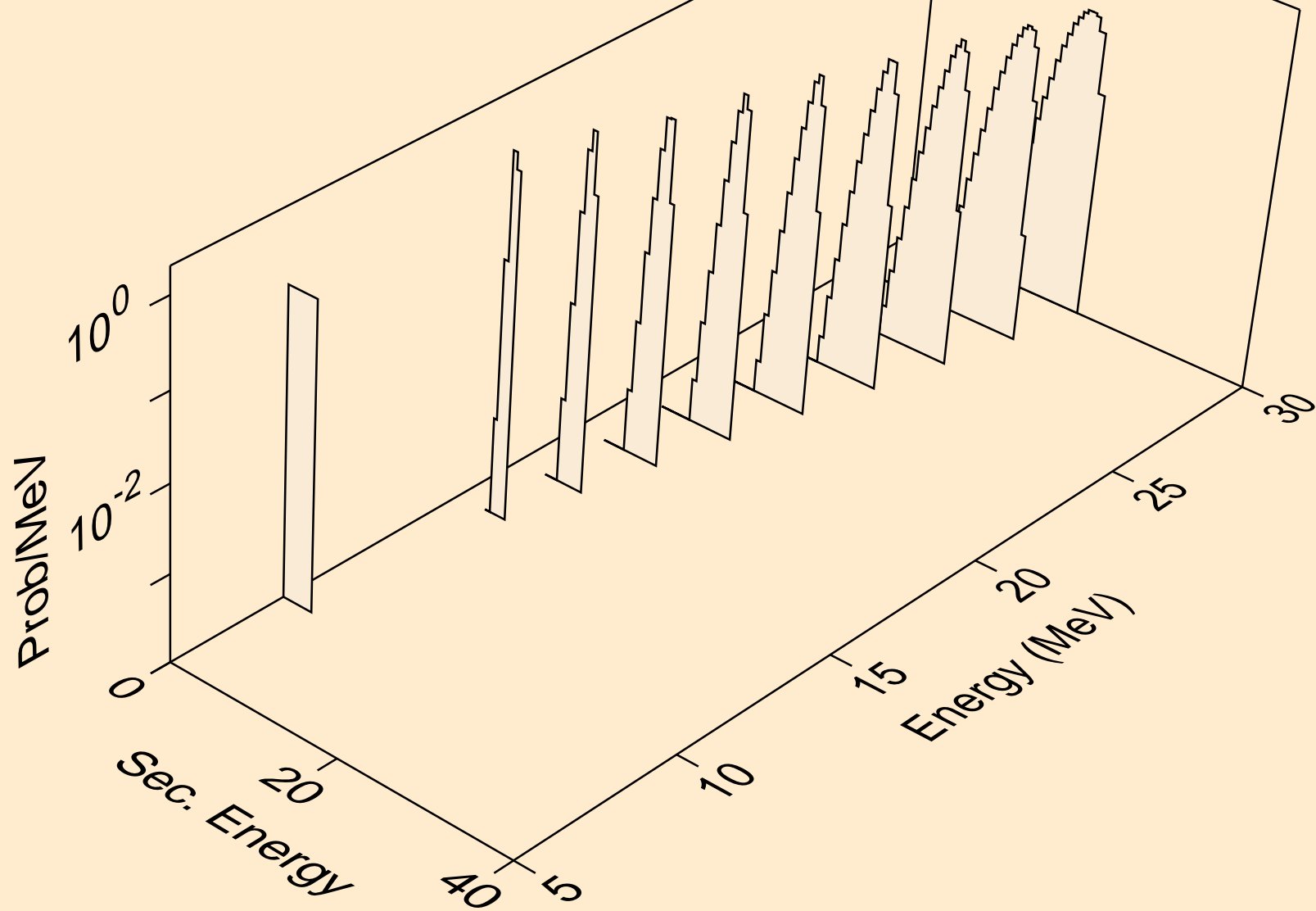
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



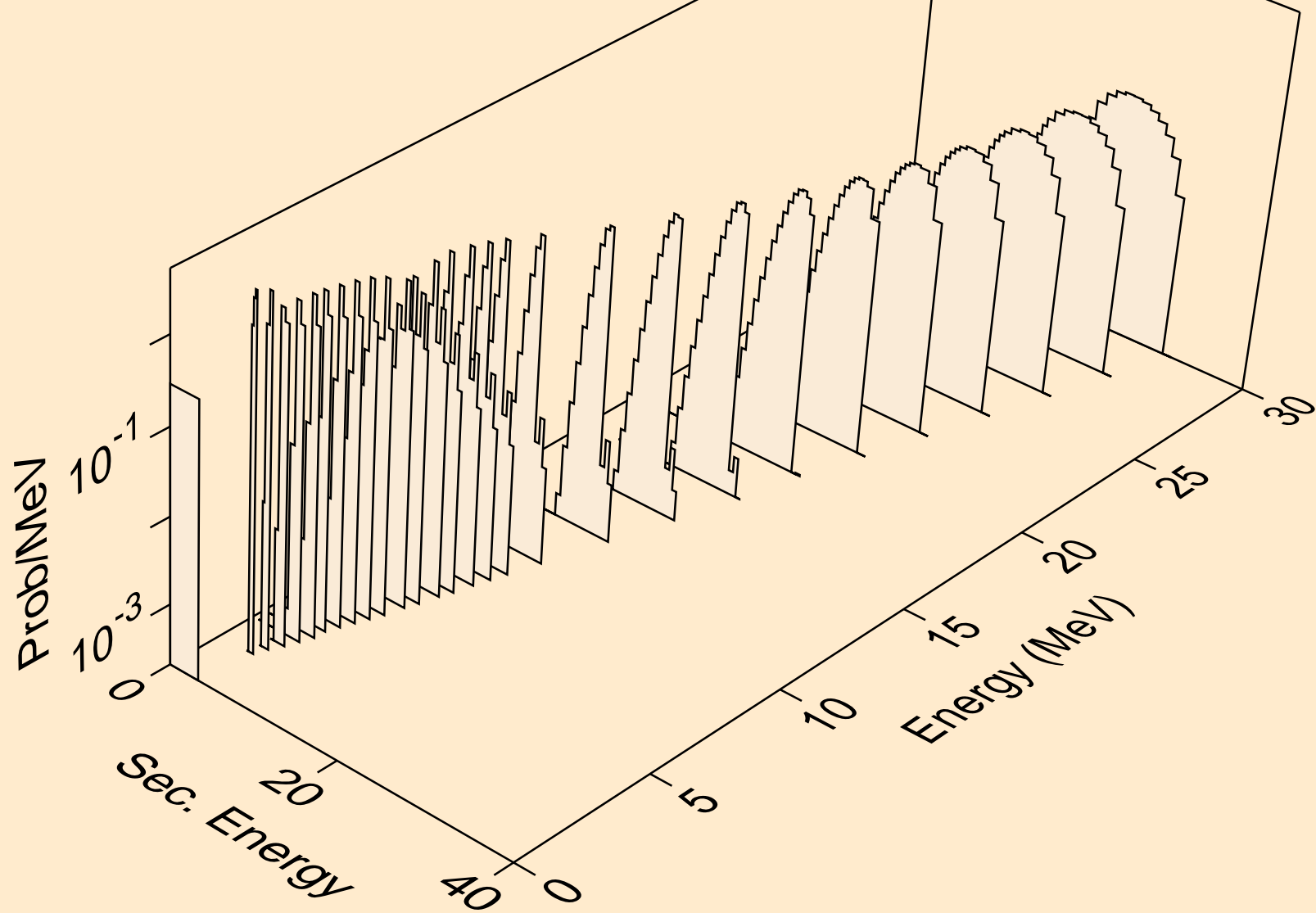
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



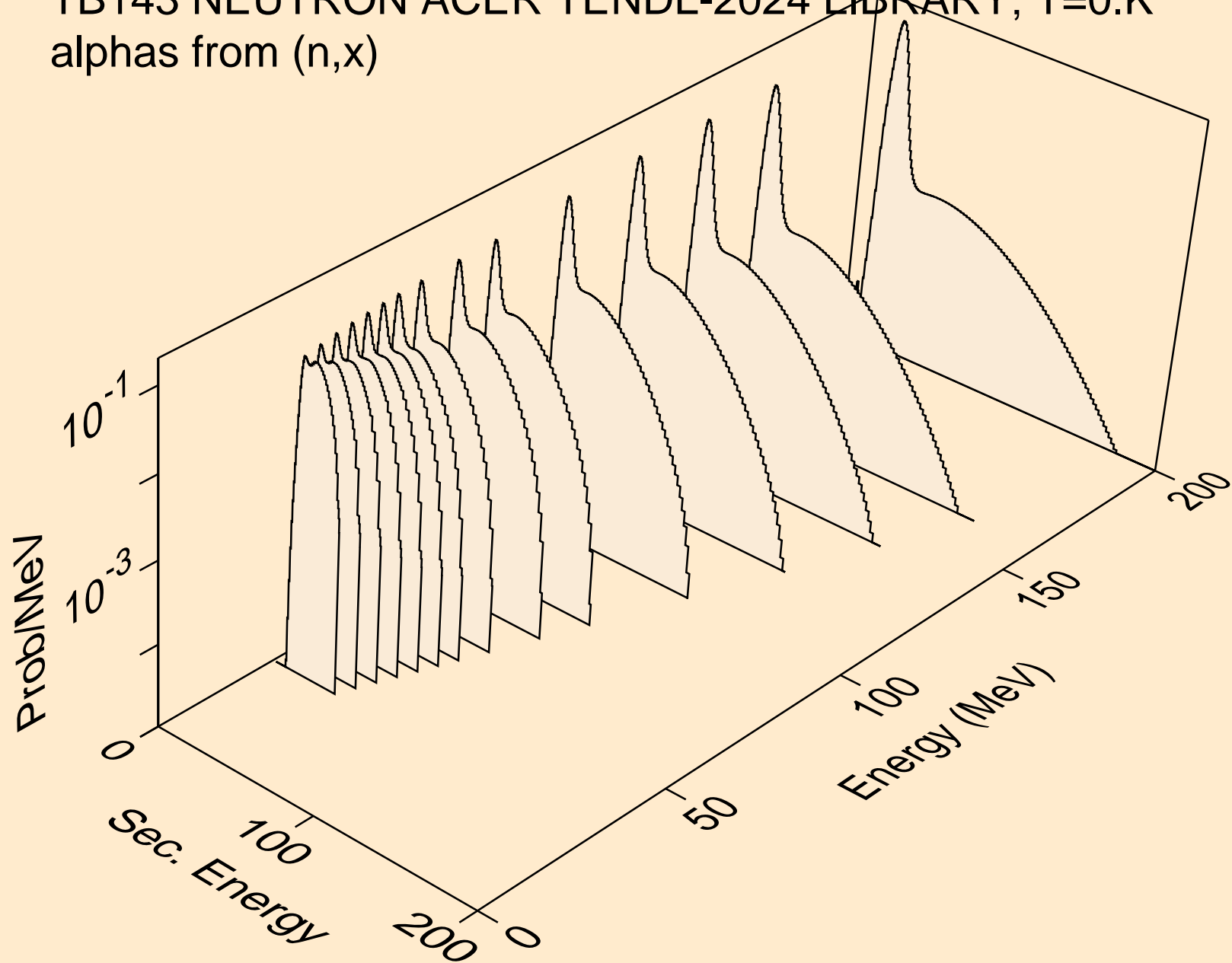
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



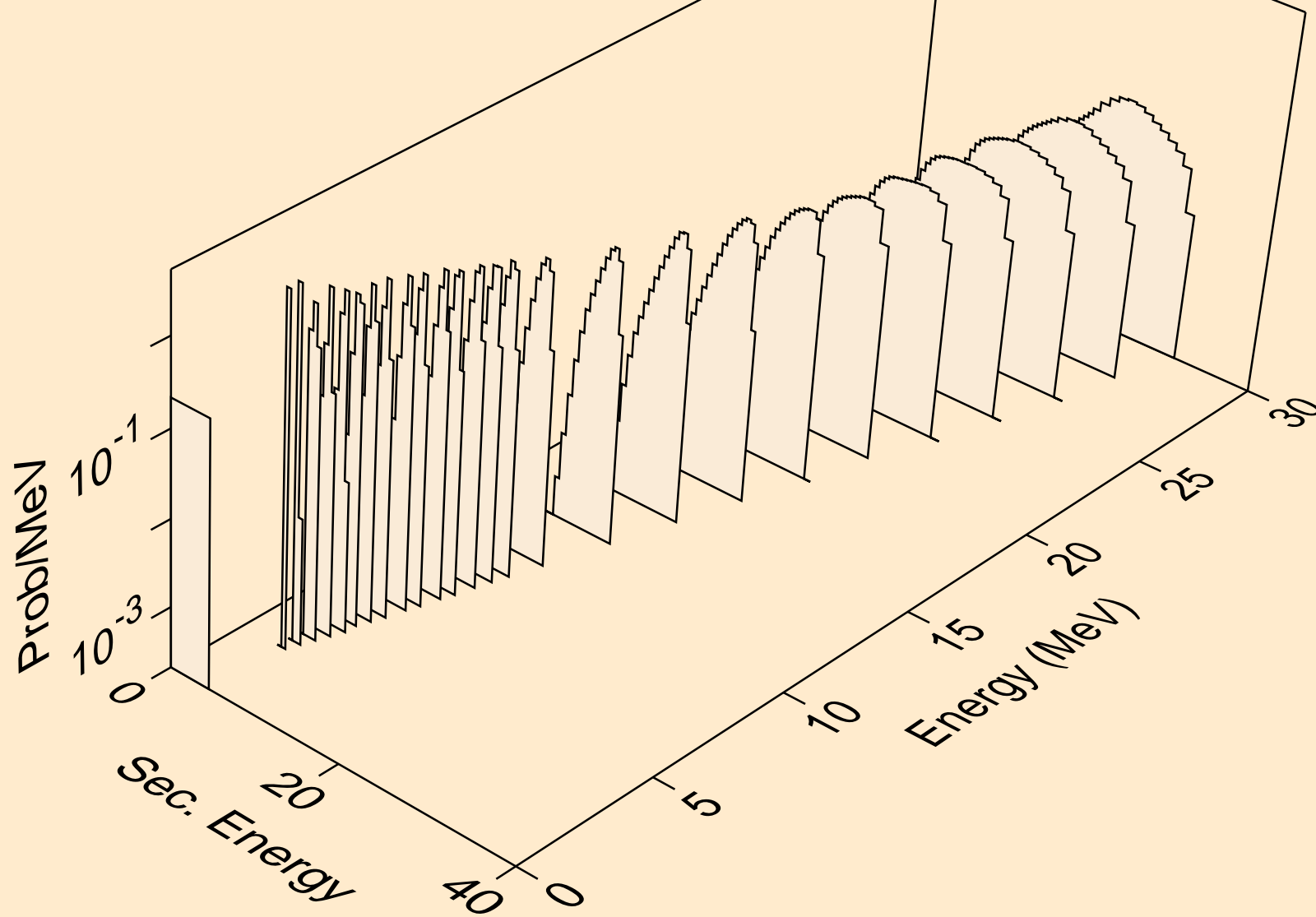
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



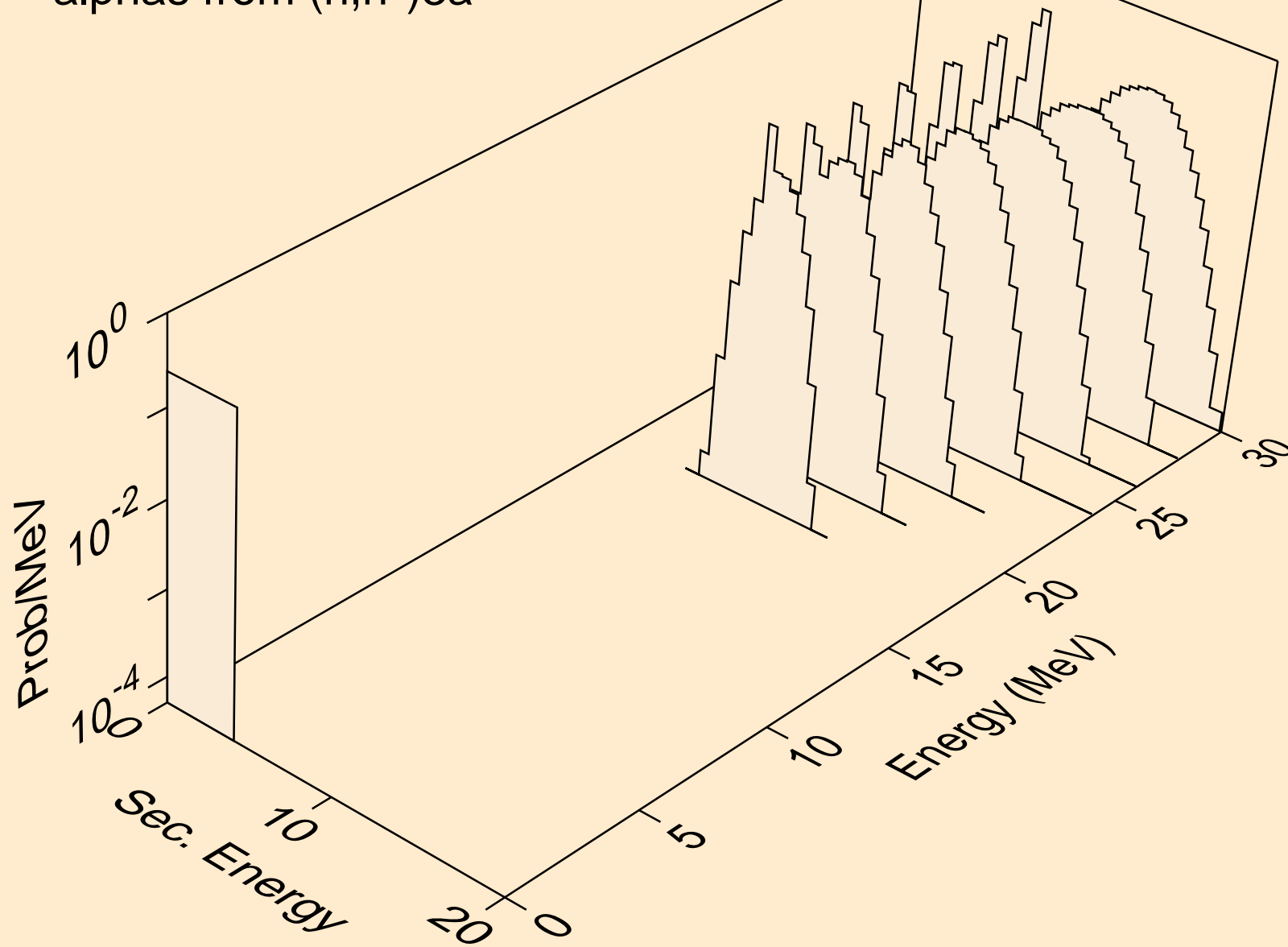
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

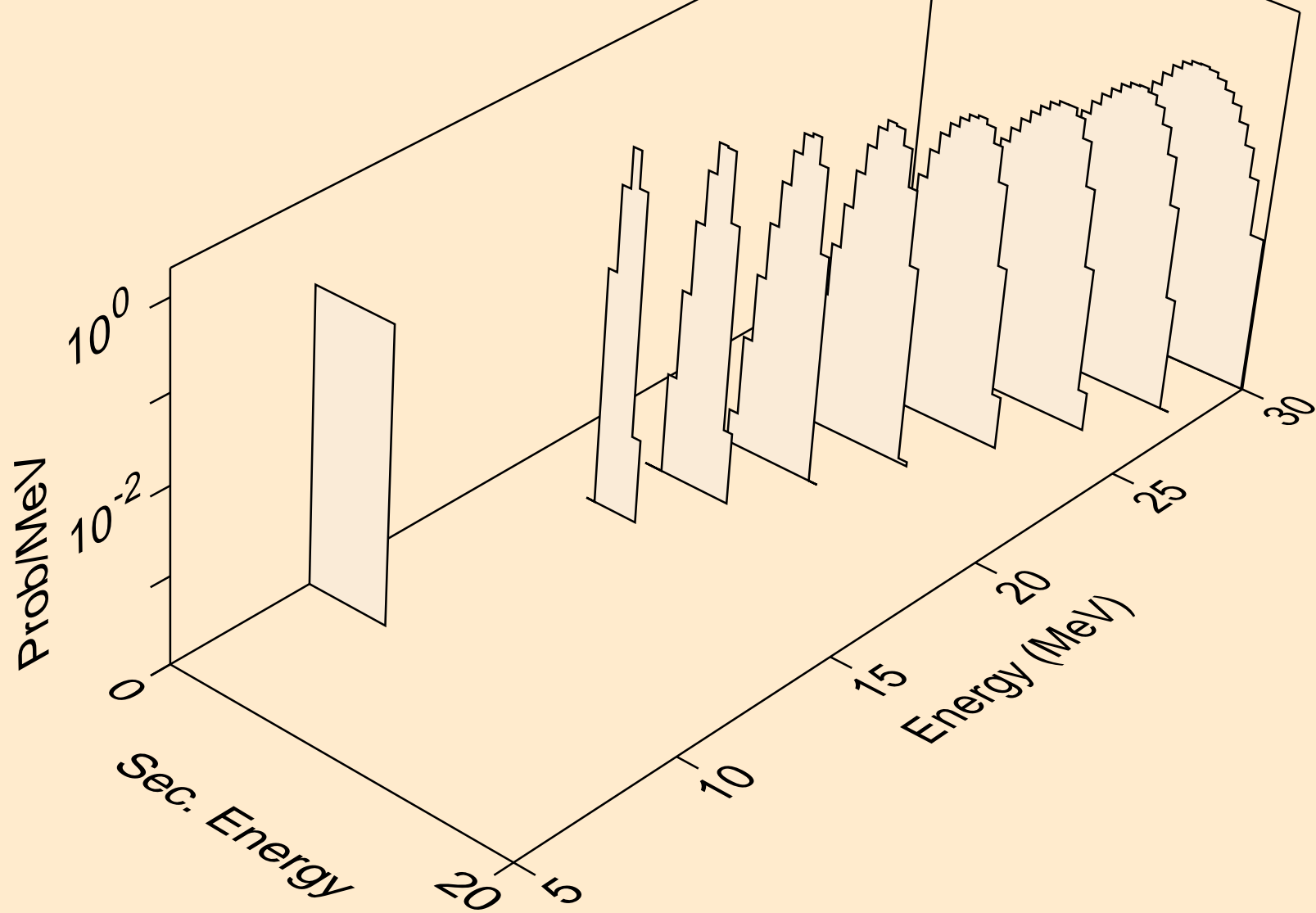


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)3a

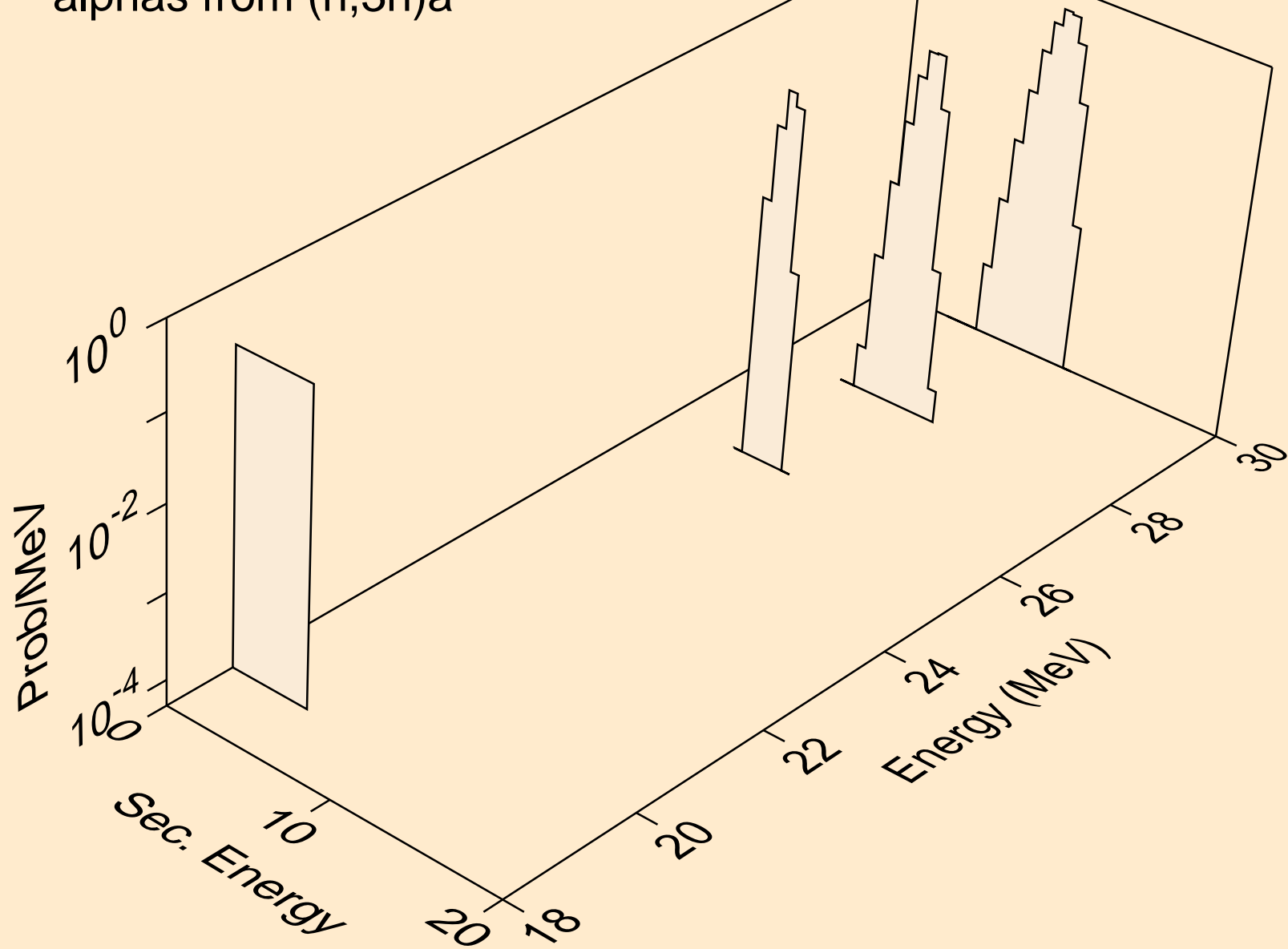




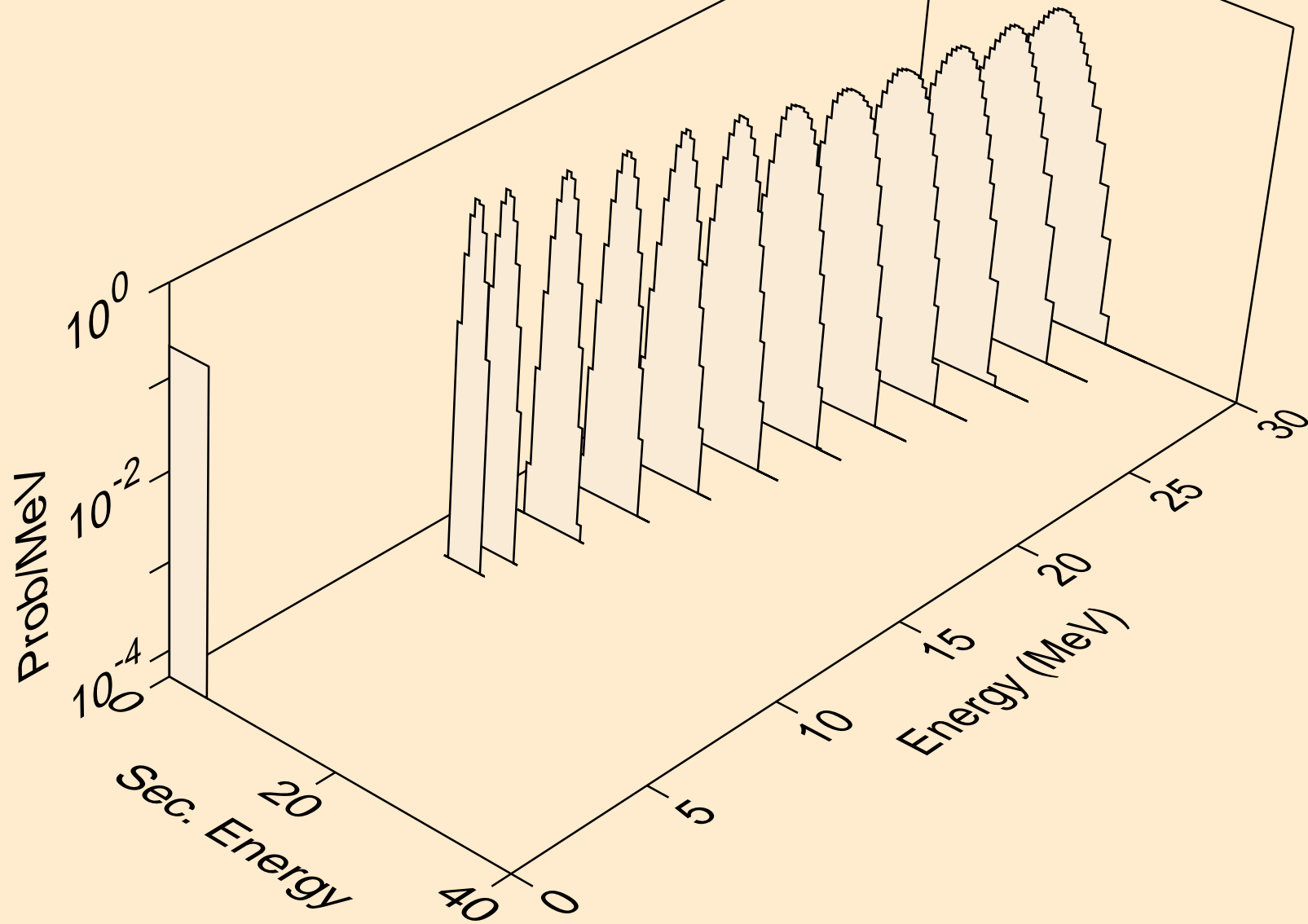
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



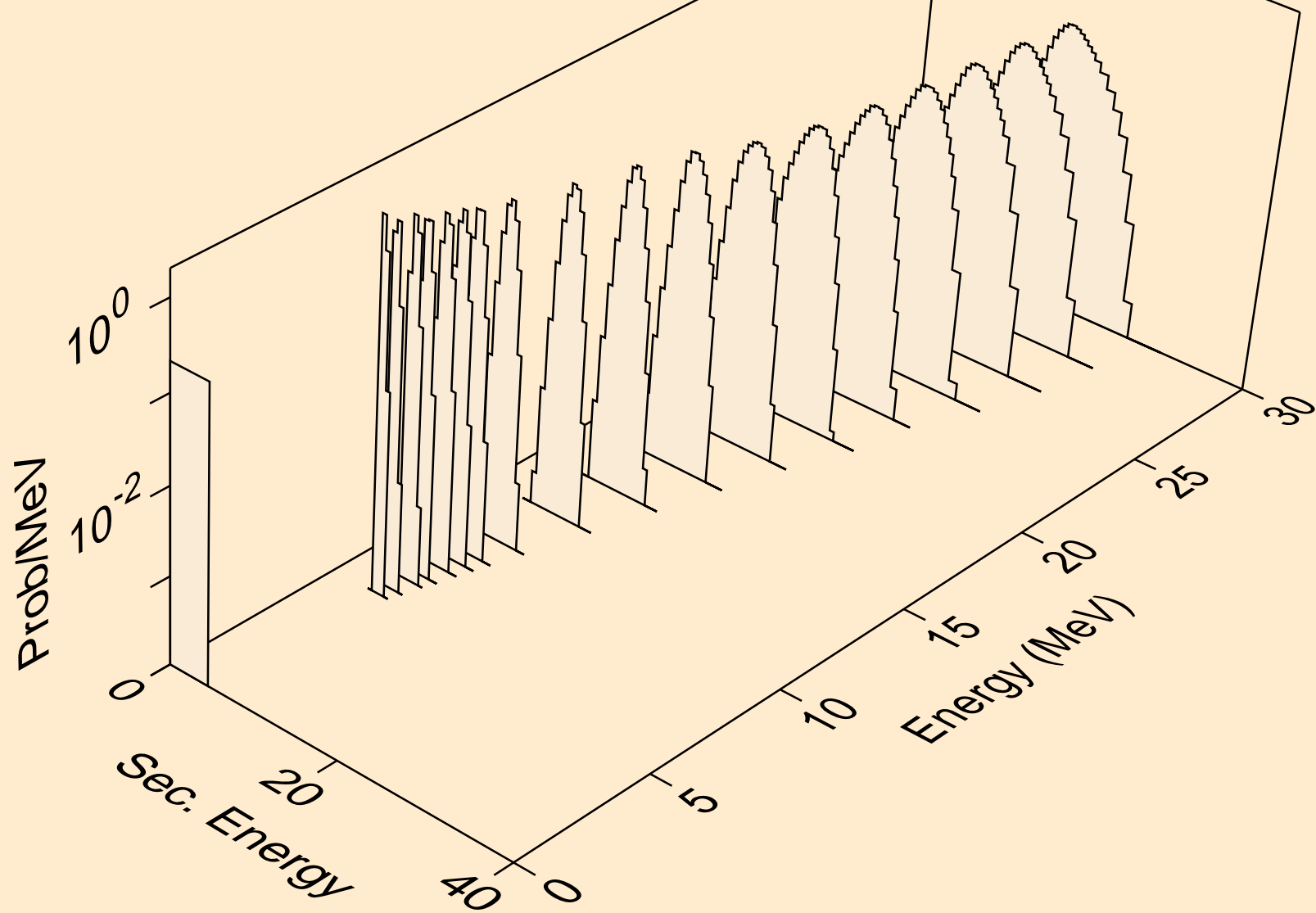
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



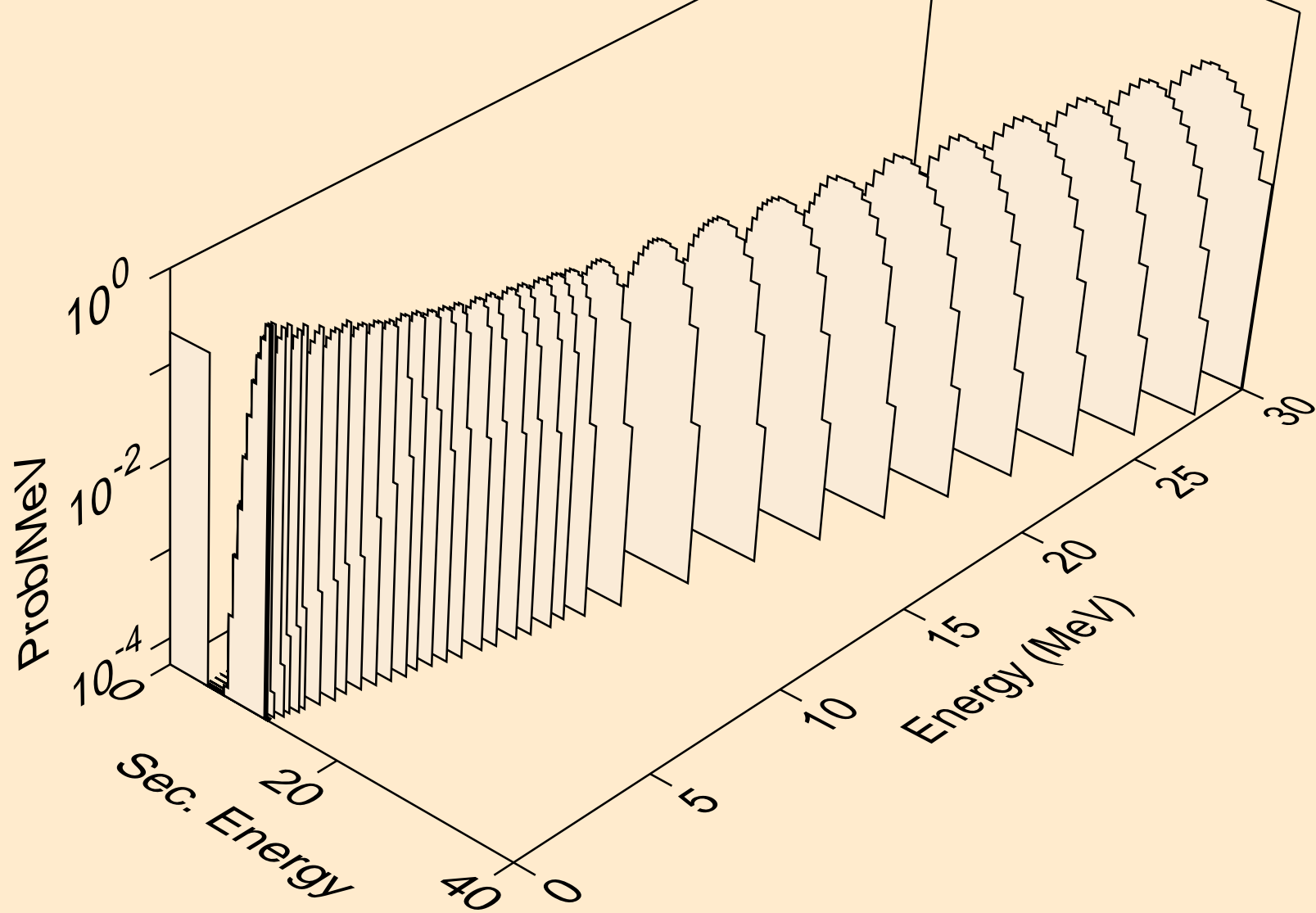
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



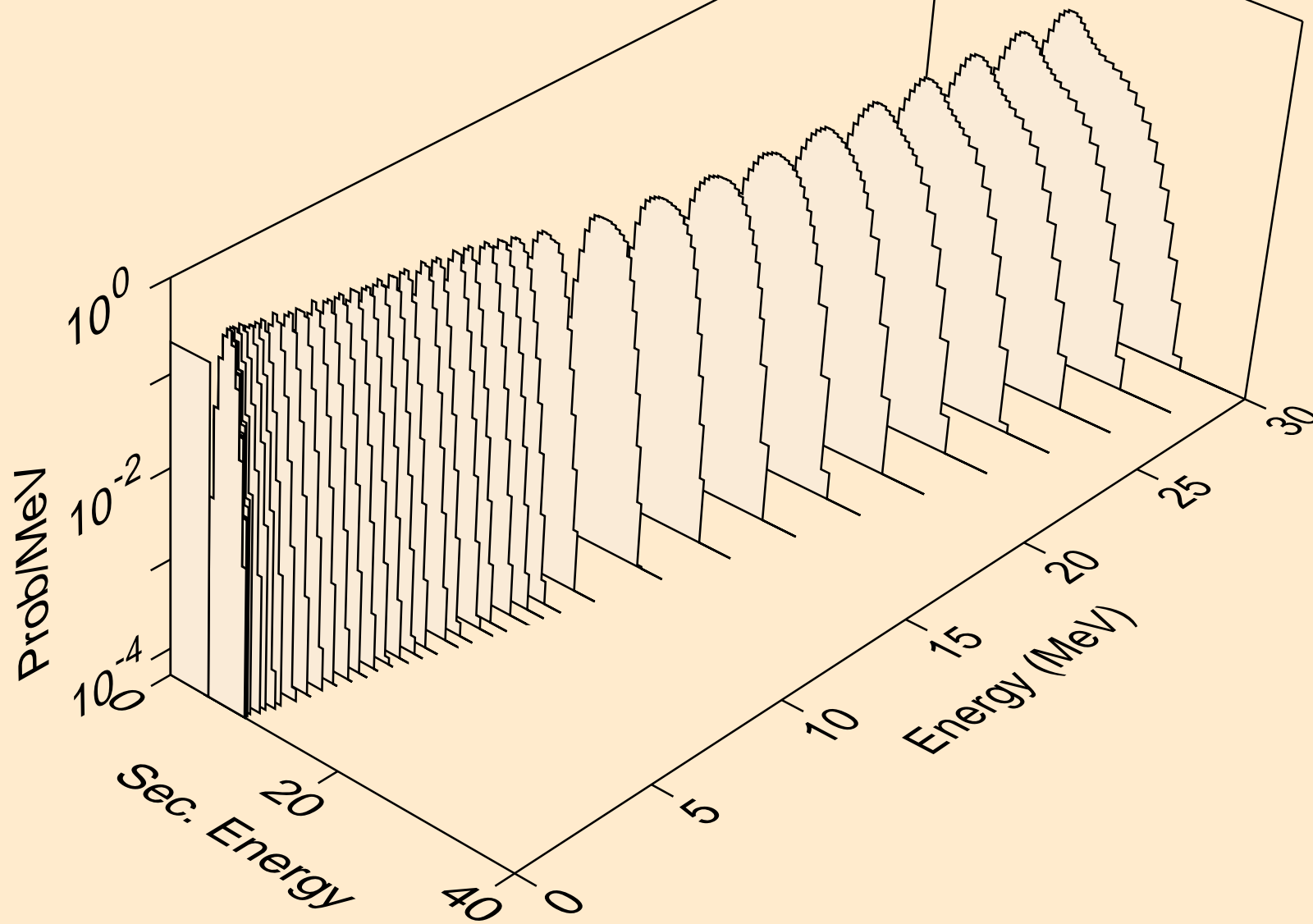
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



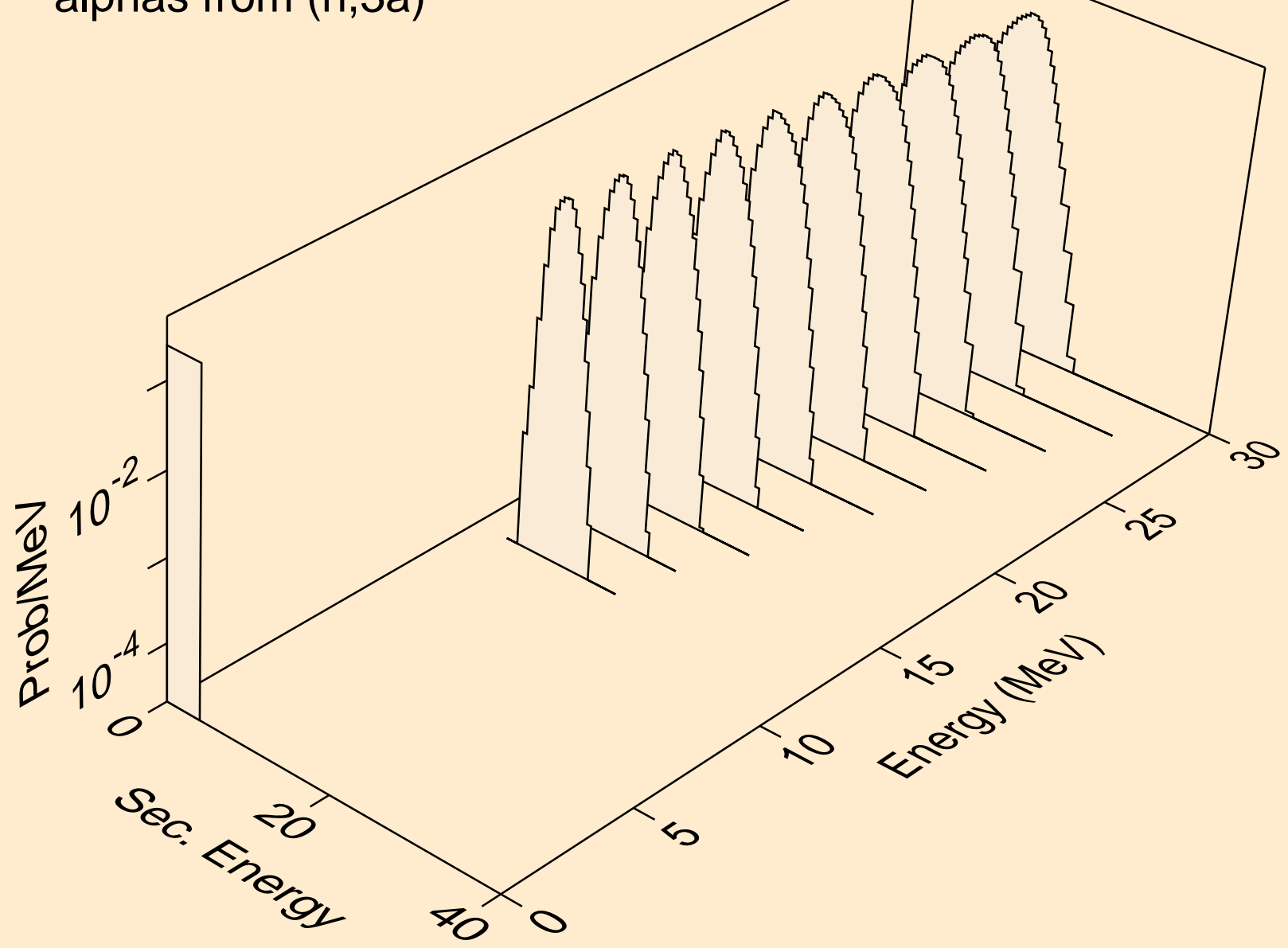
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



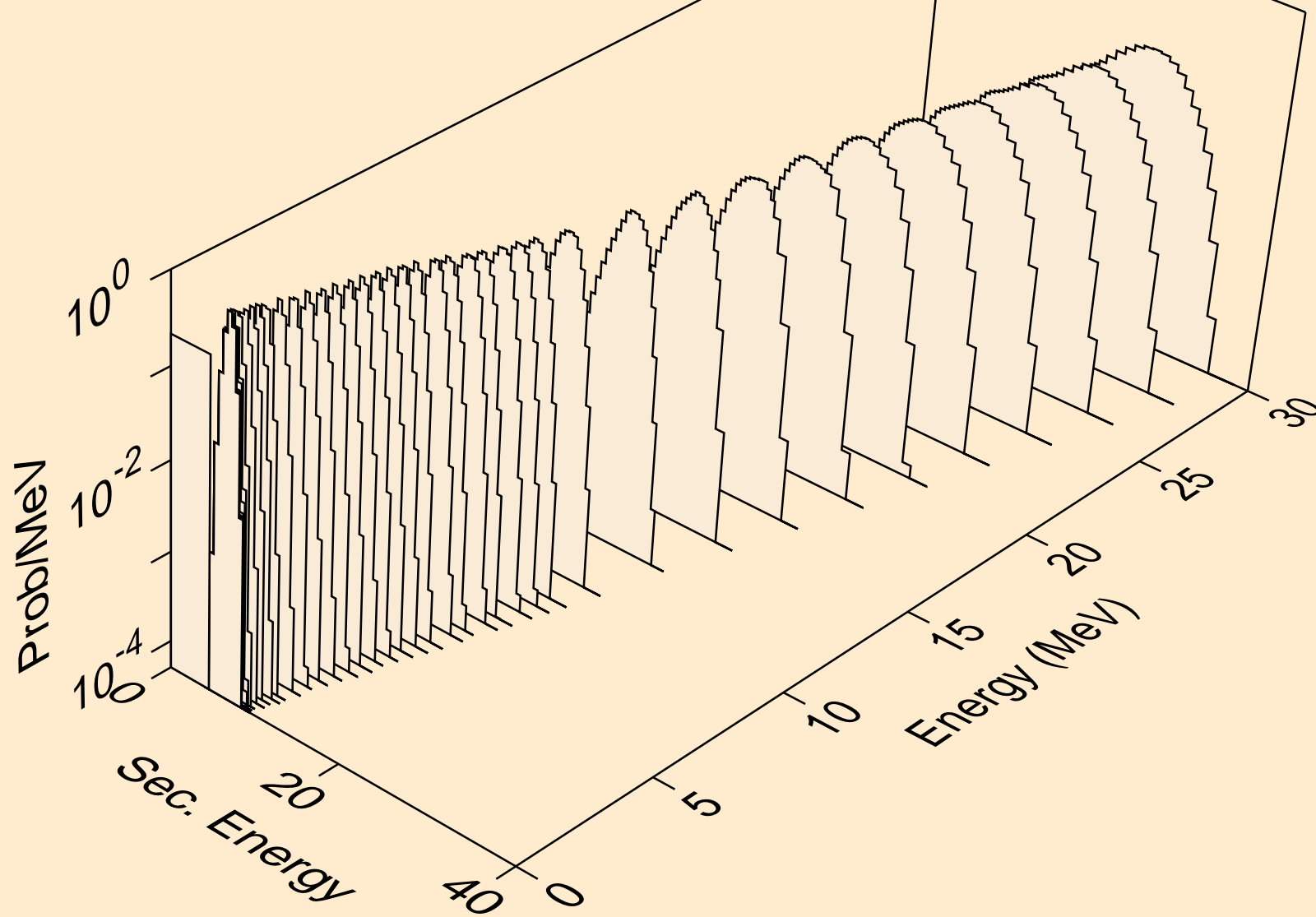
TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)

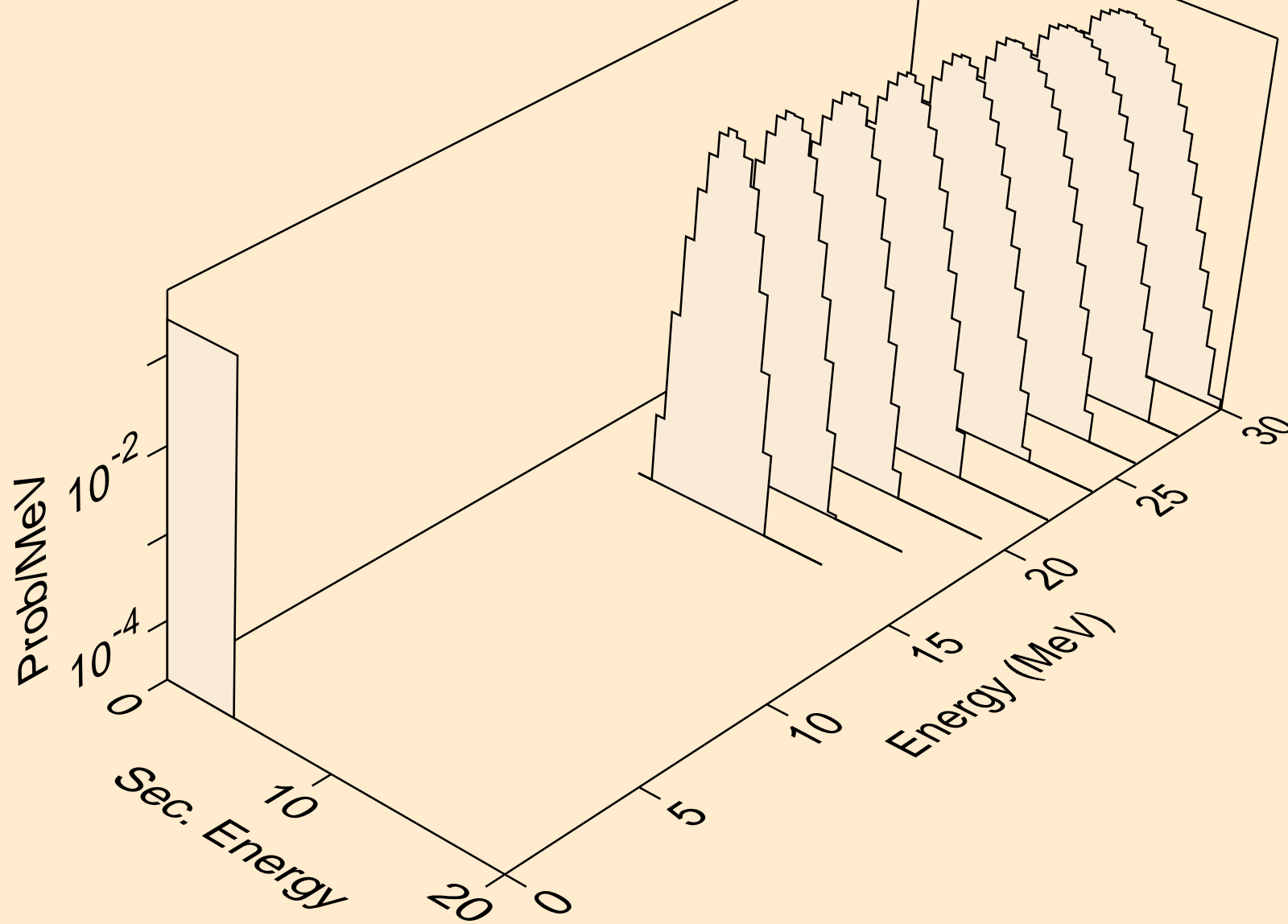


TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



TB143 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

