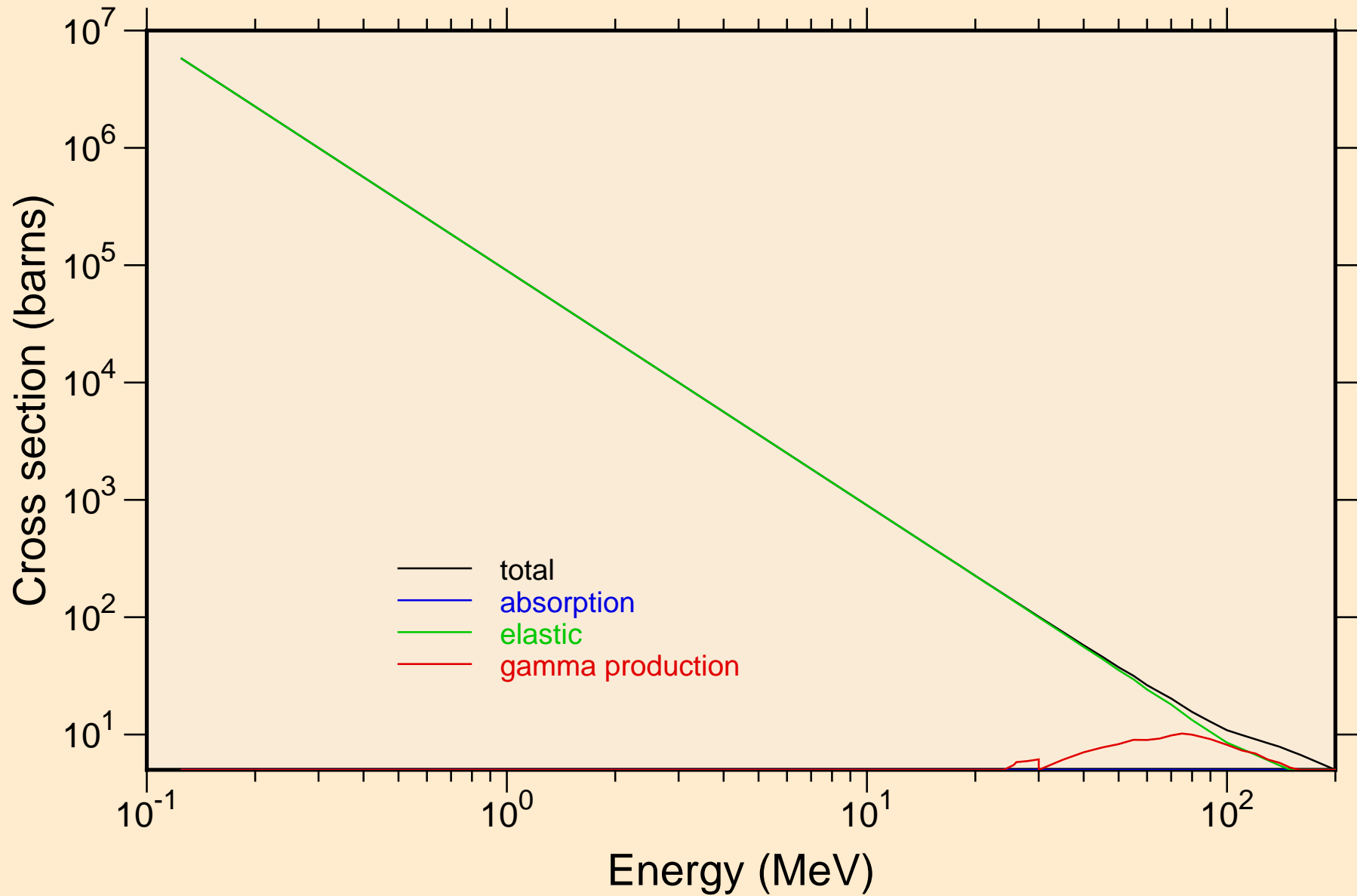
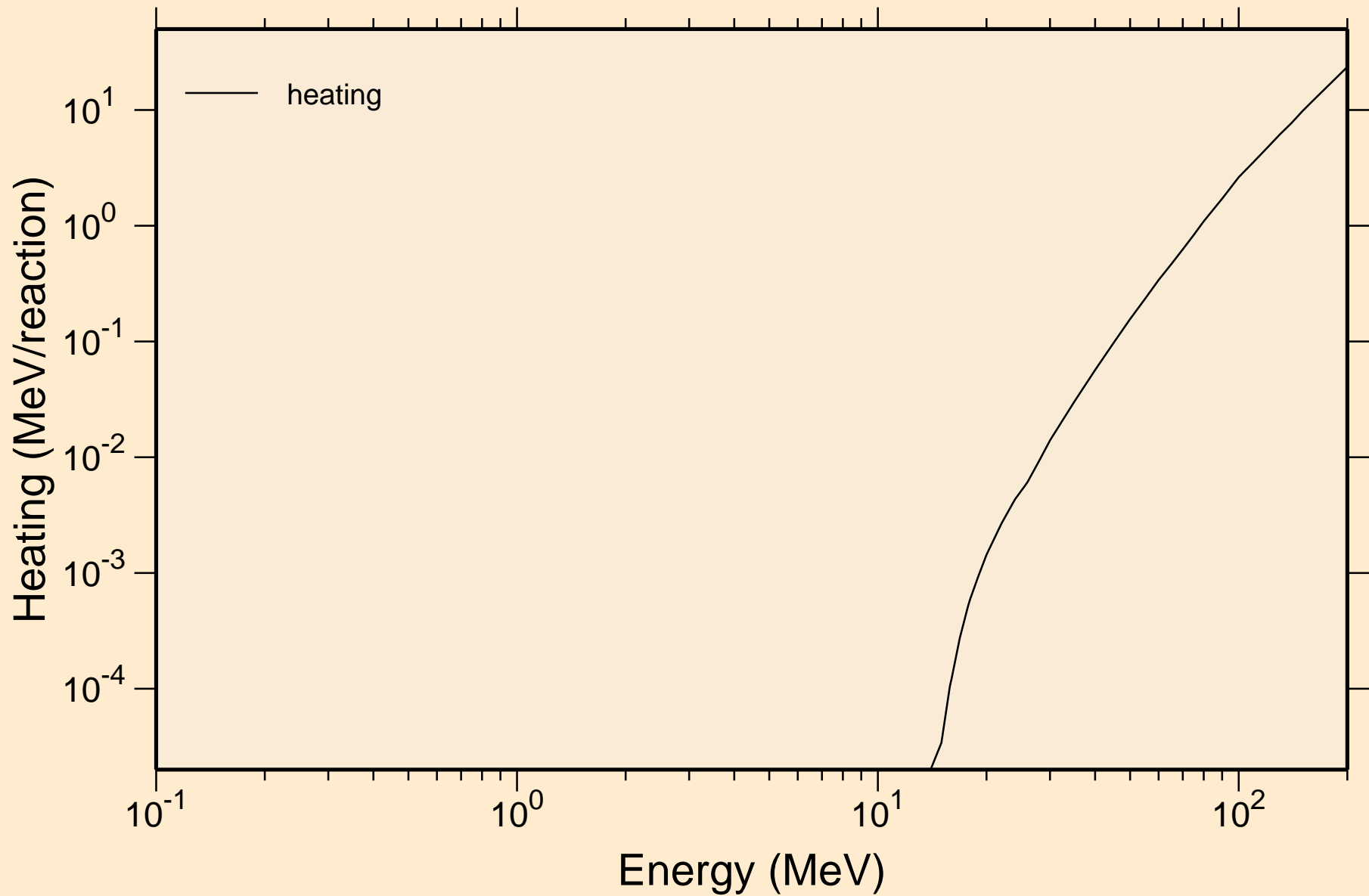


# PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

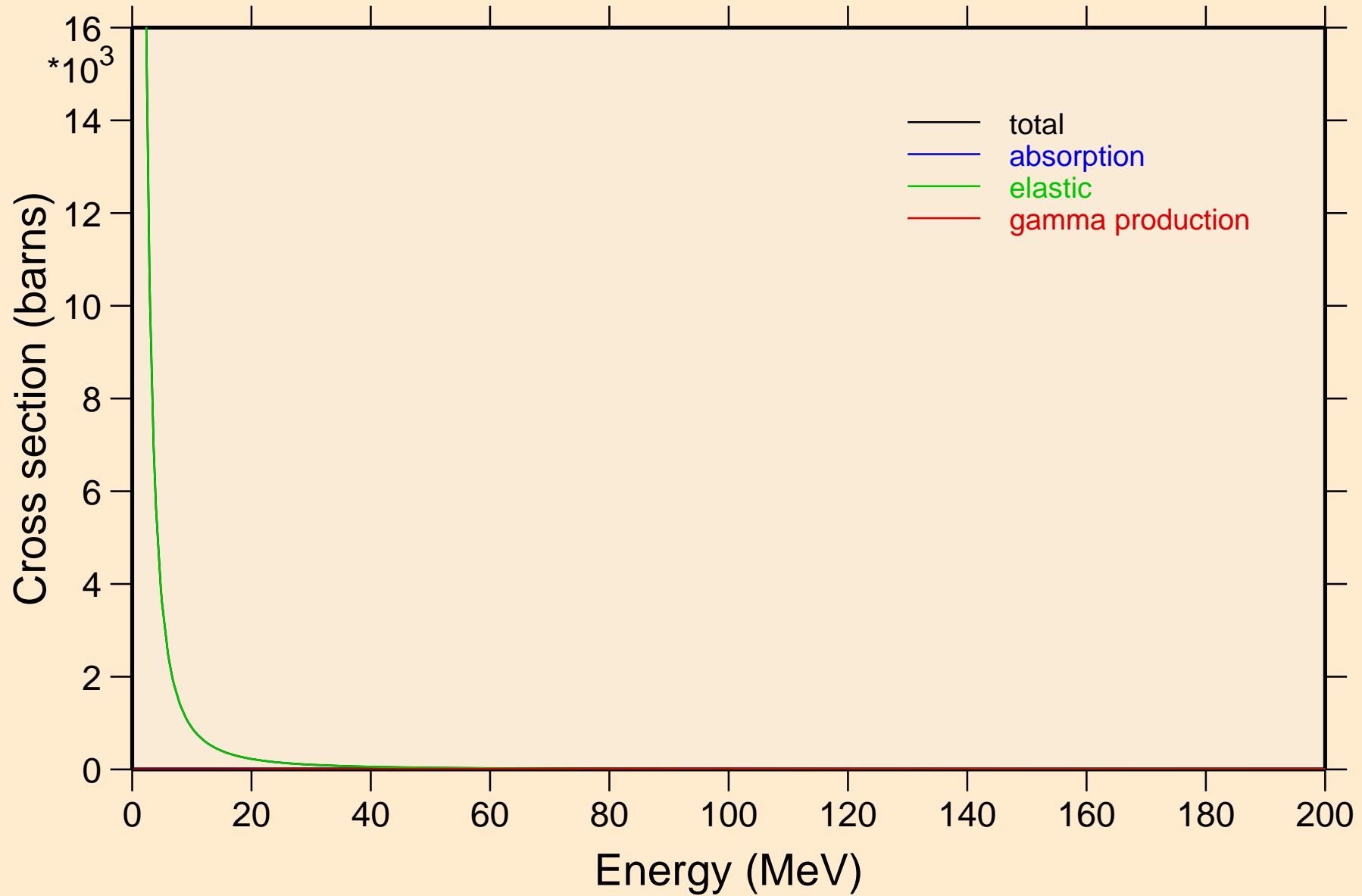


PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Heating



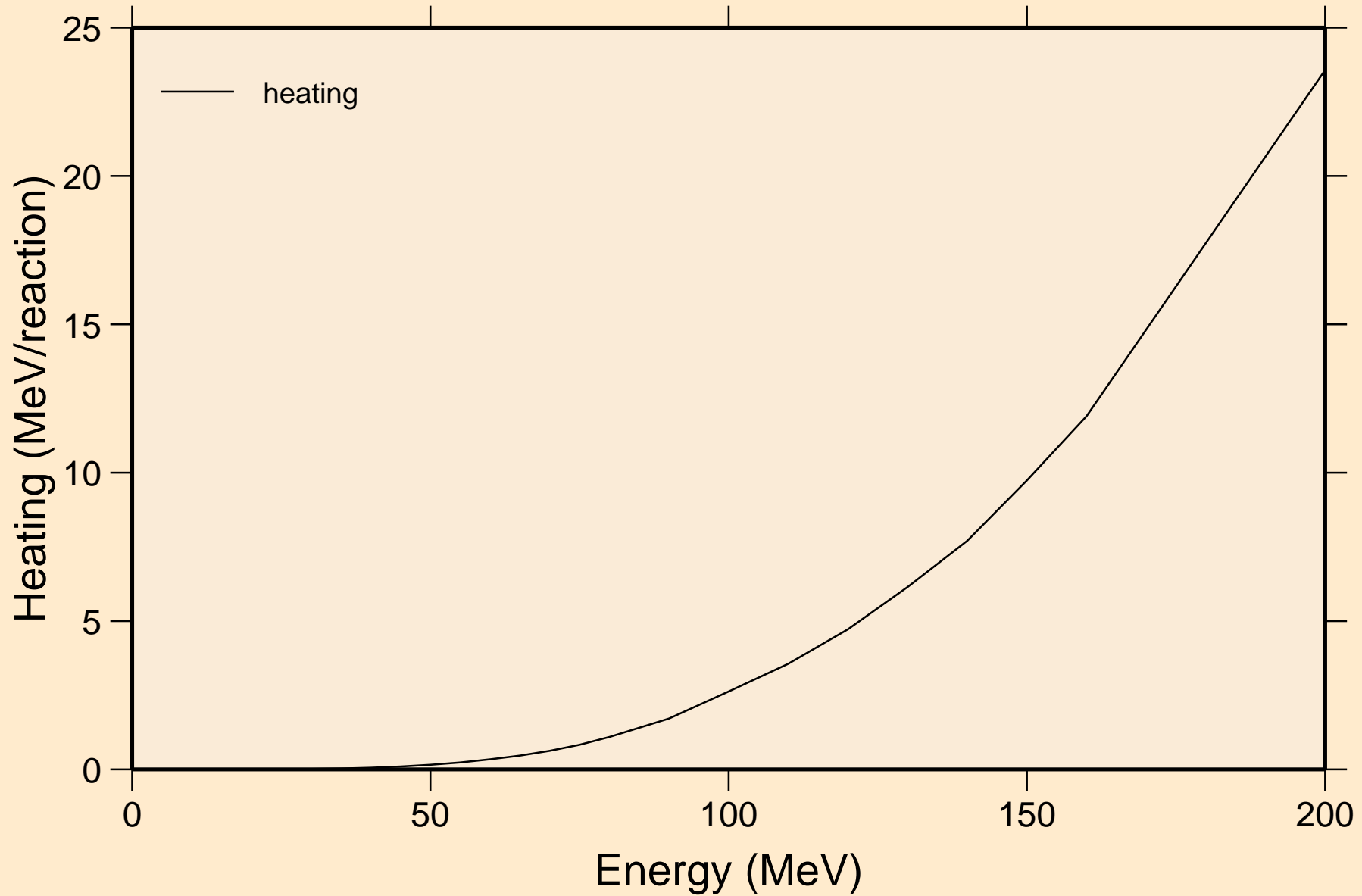
# PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

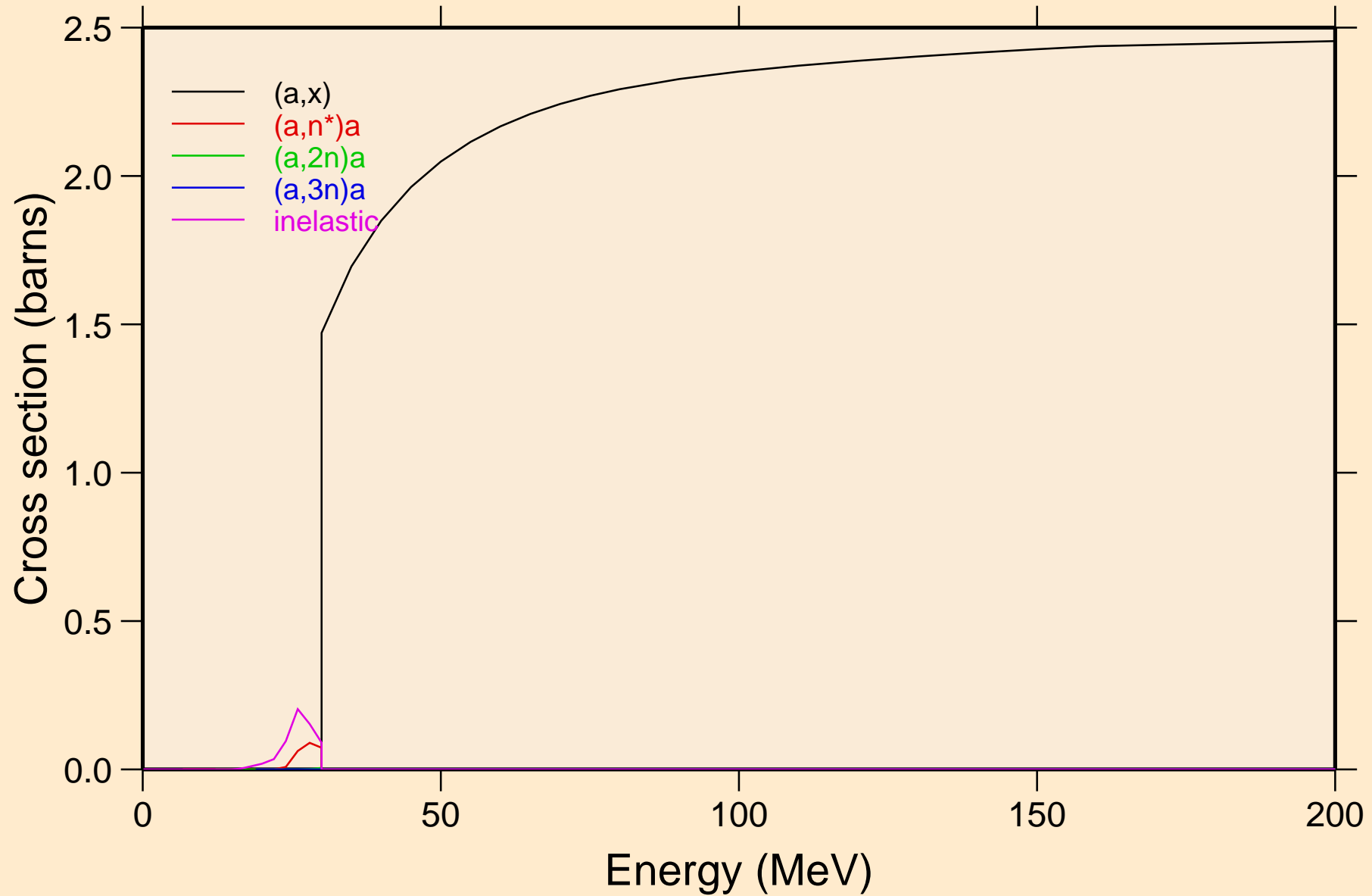


PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

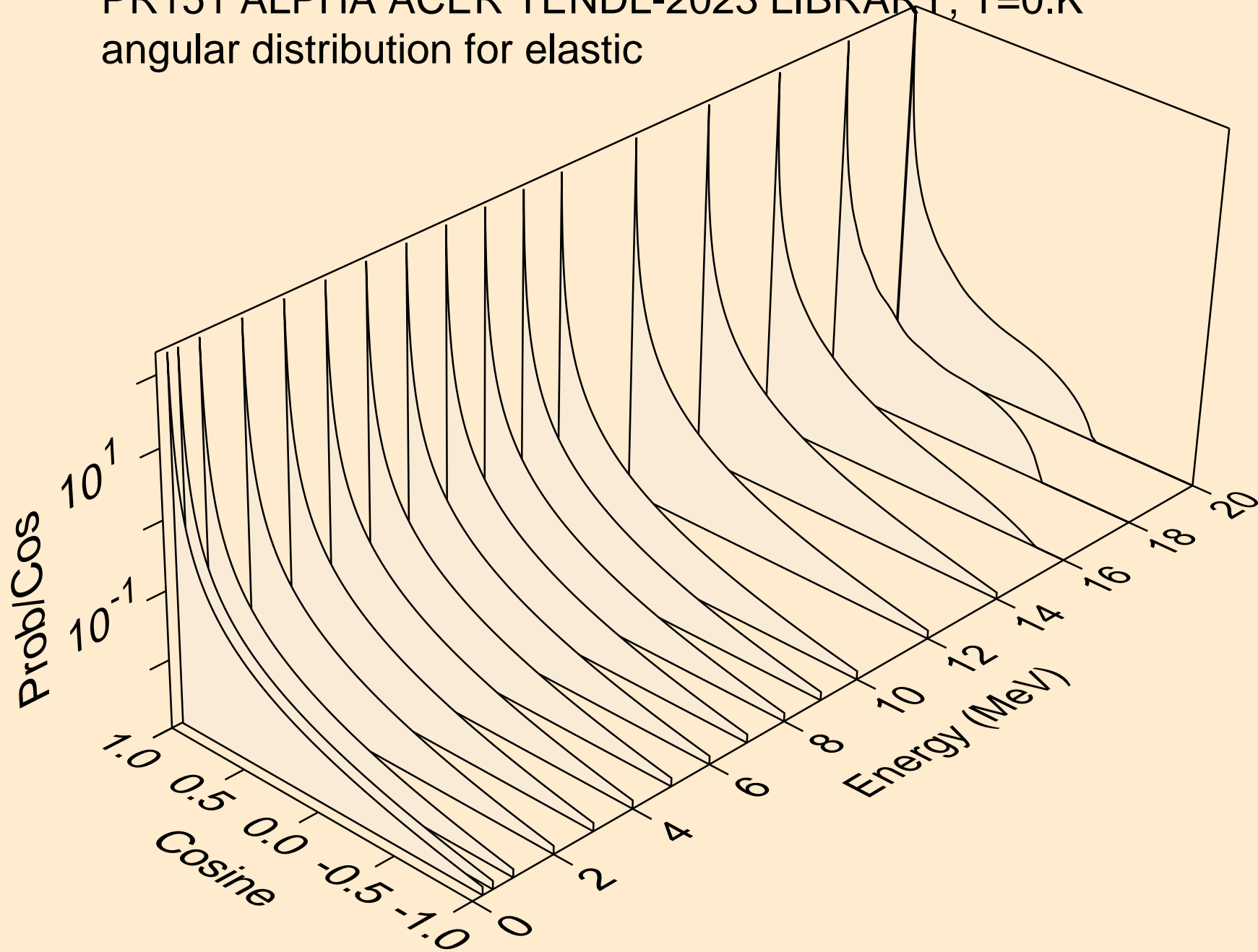
Heating



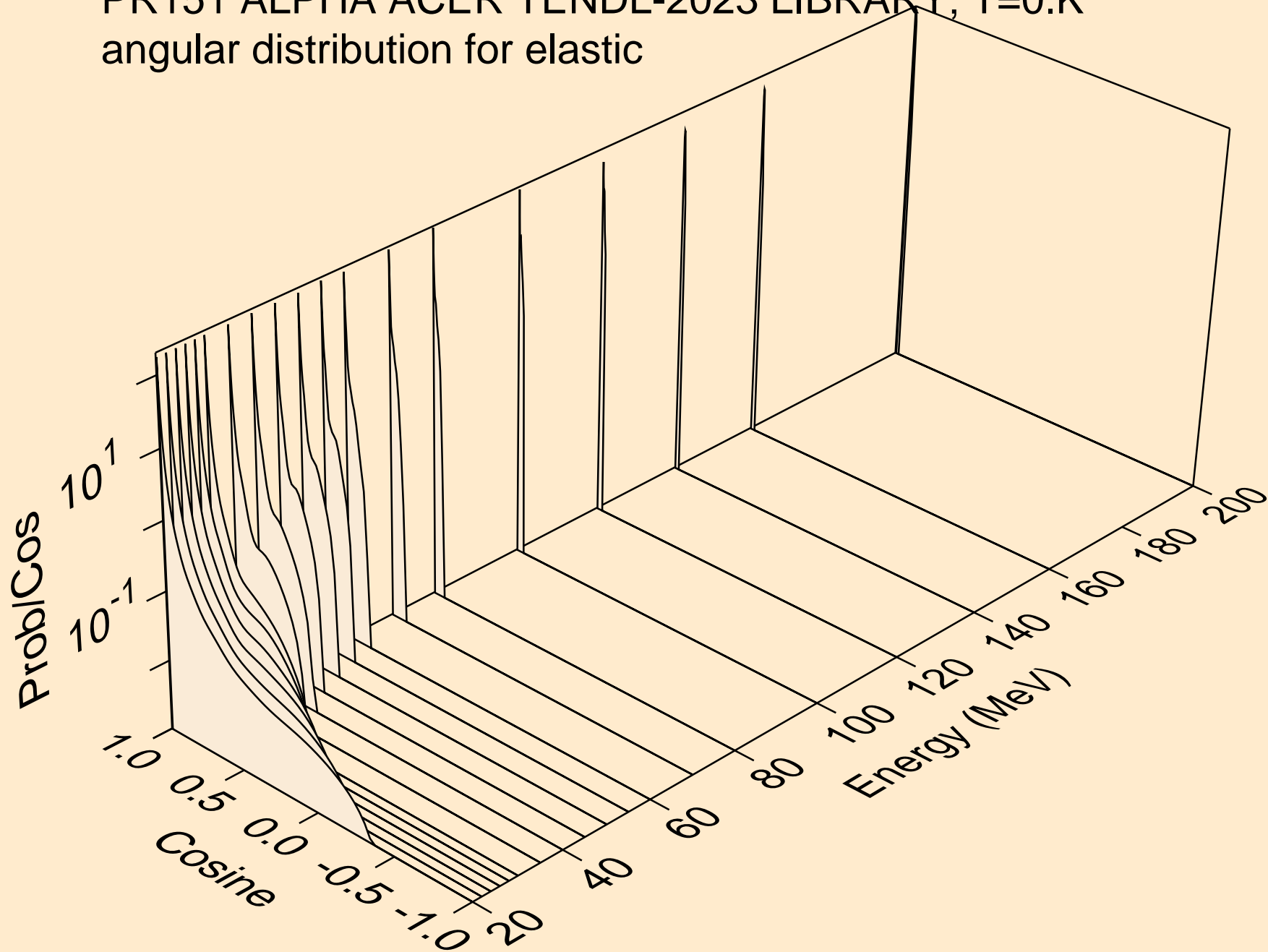
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



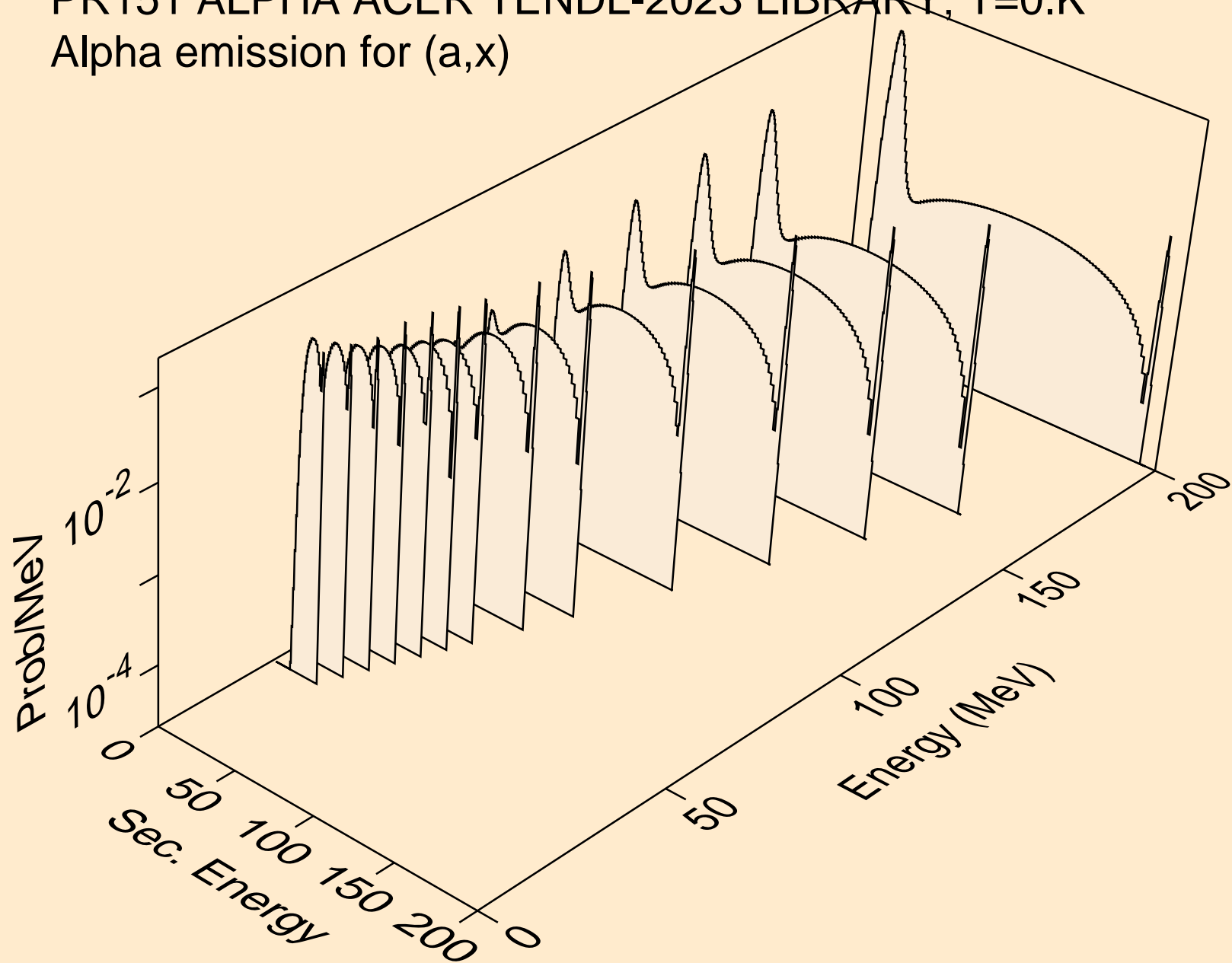
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

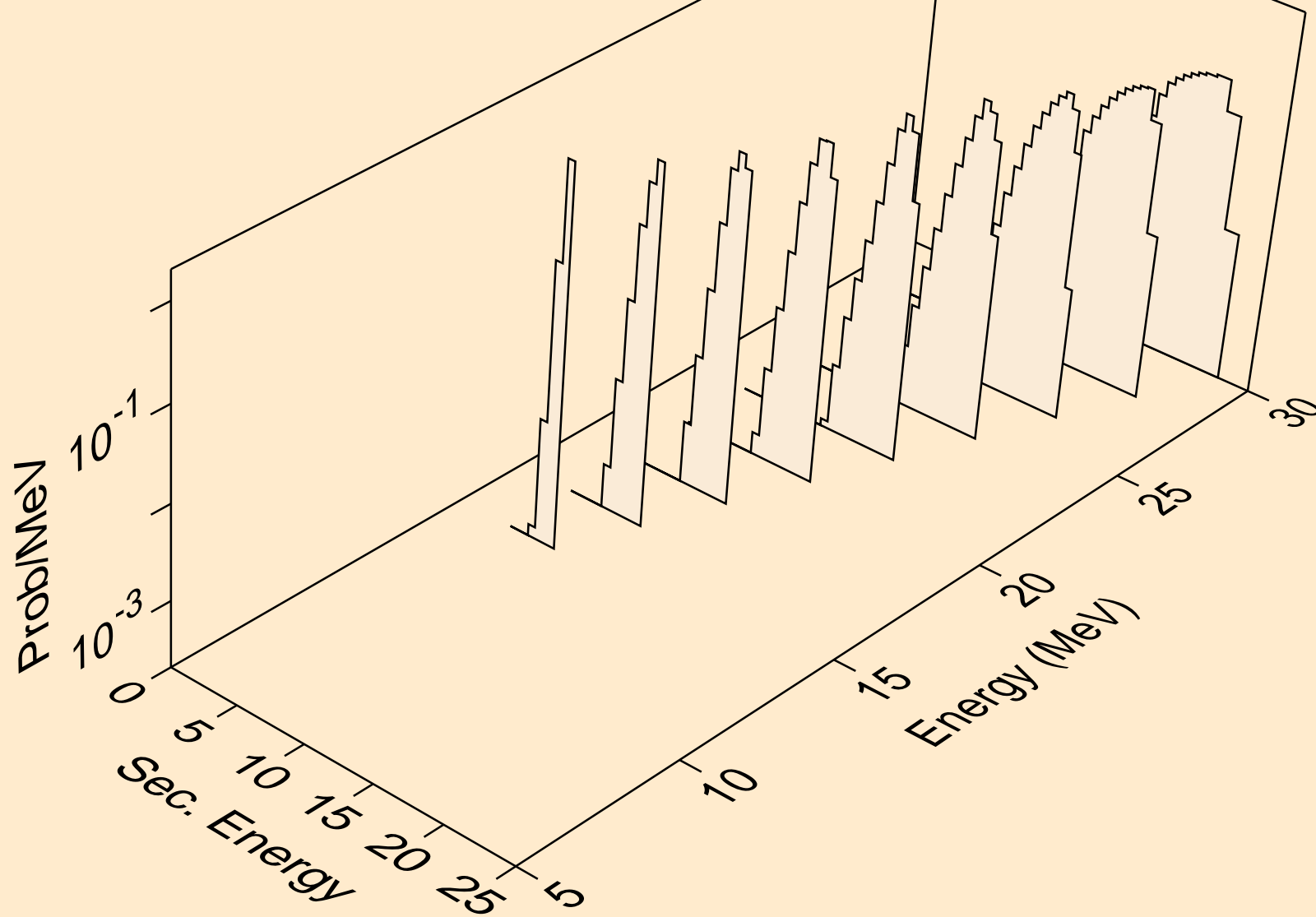


PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)

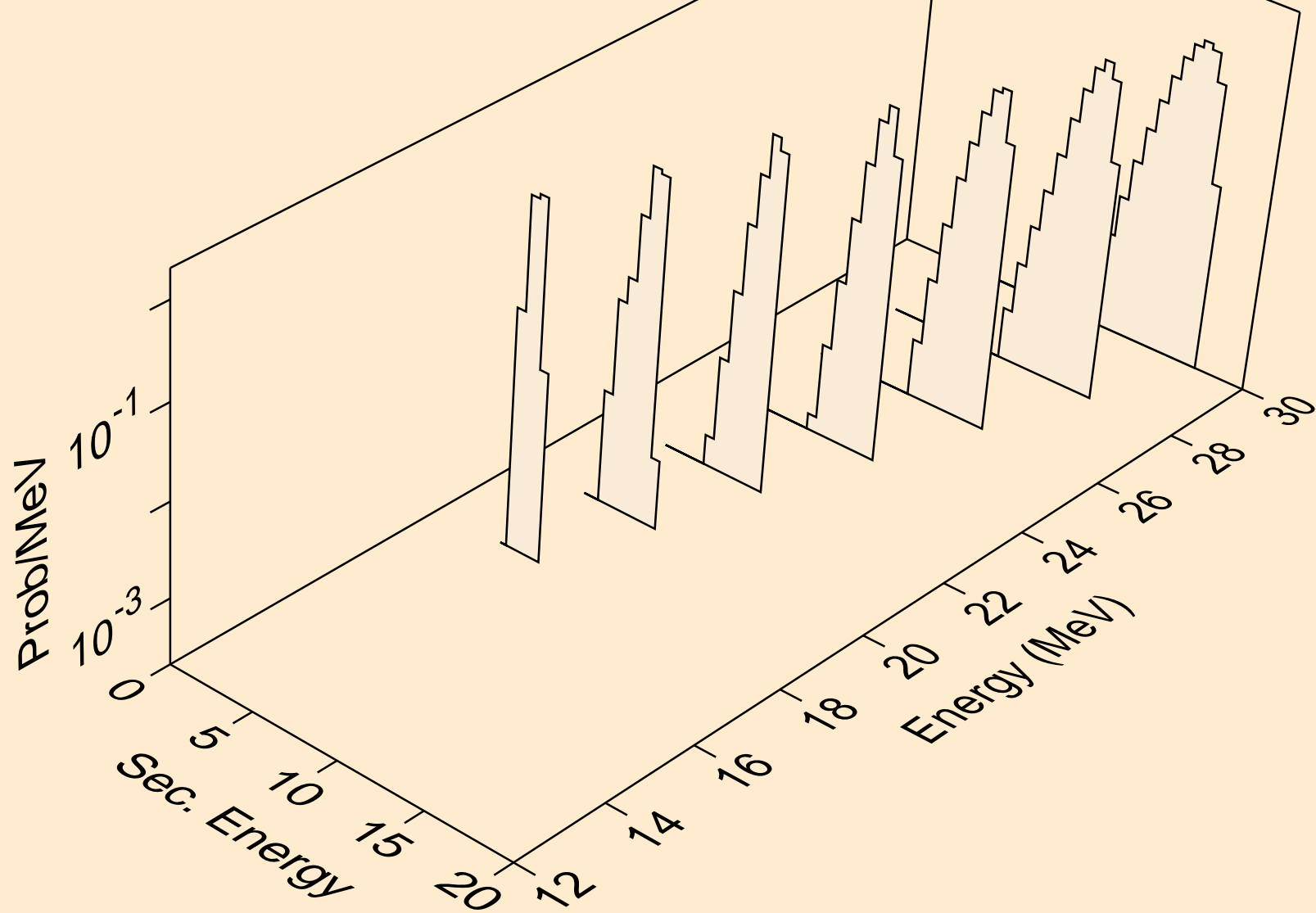




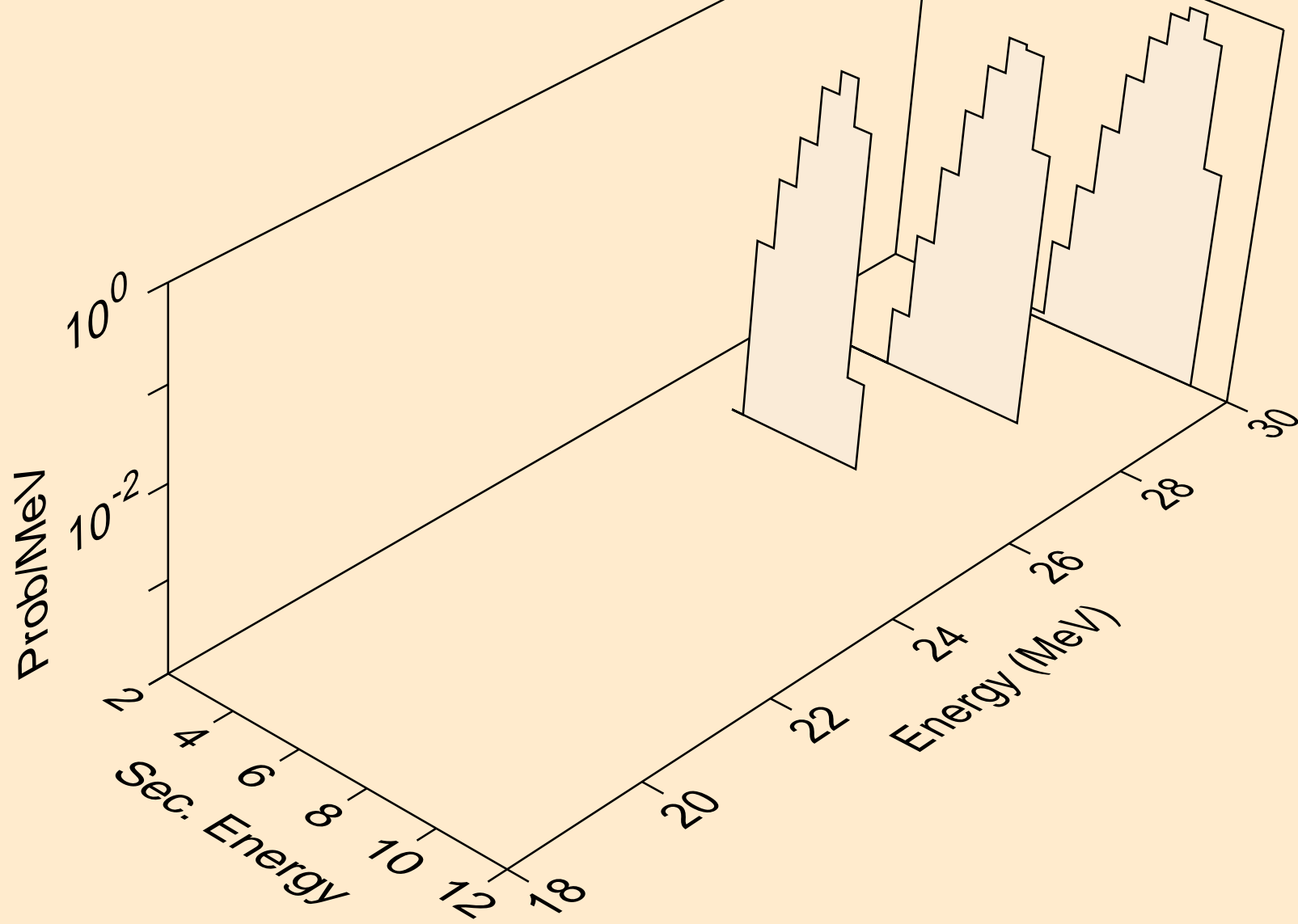
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



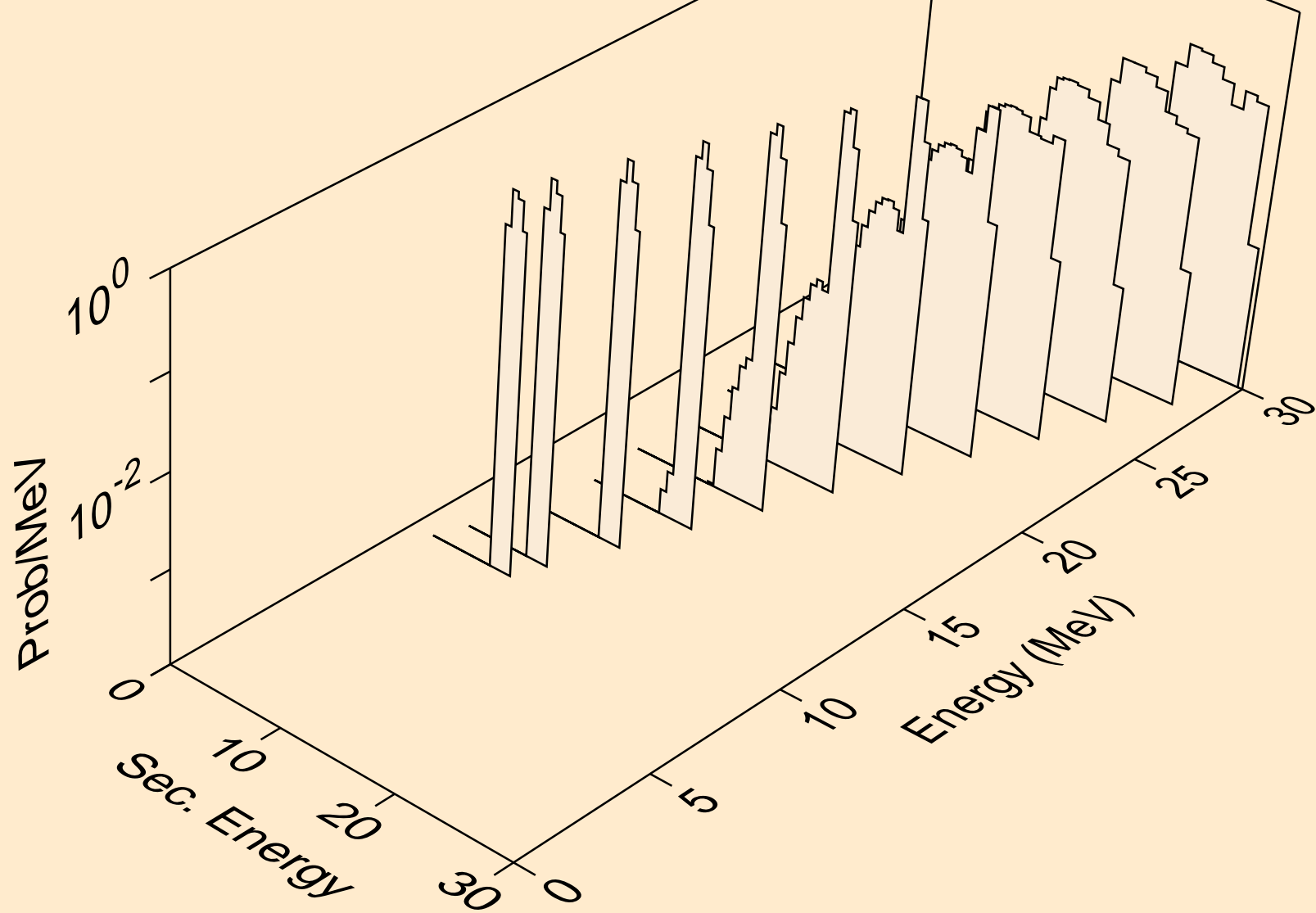
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



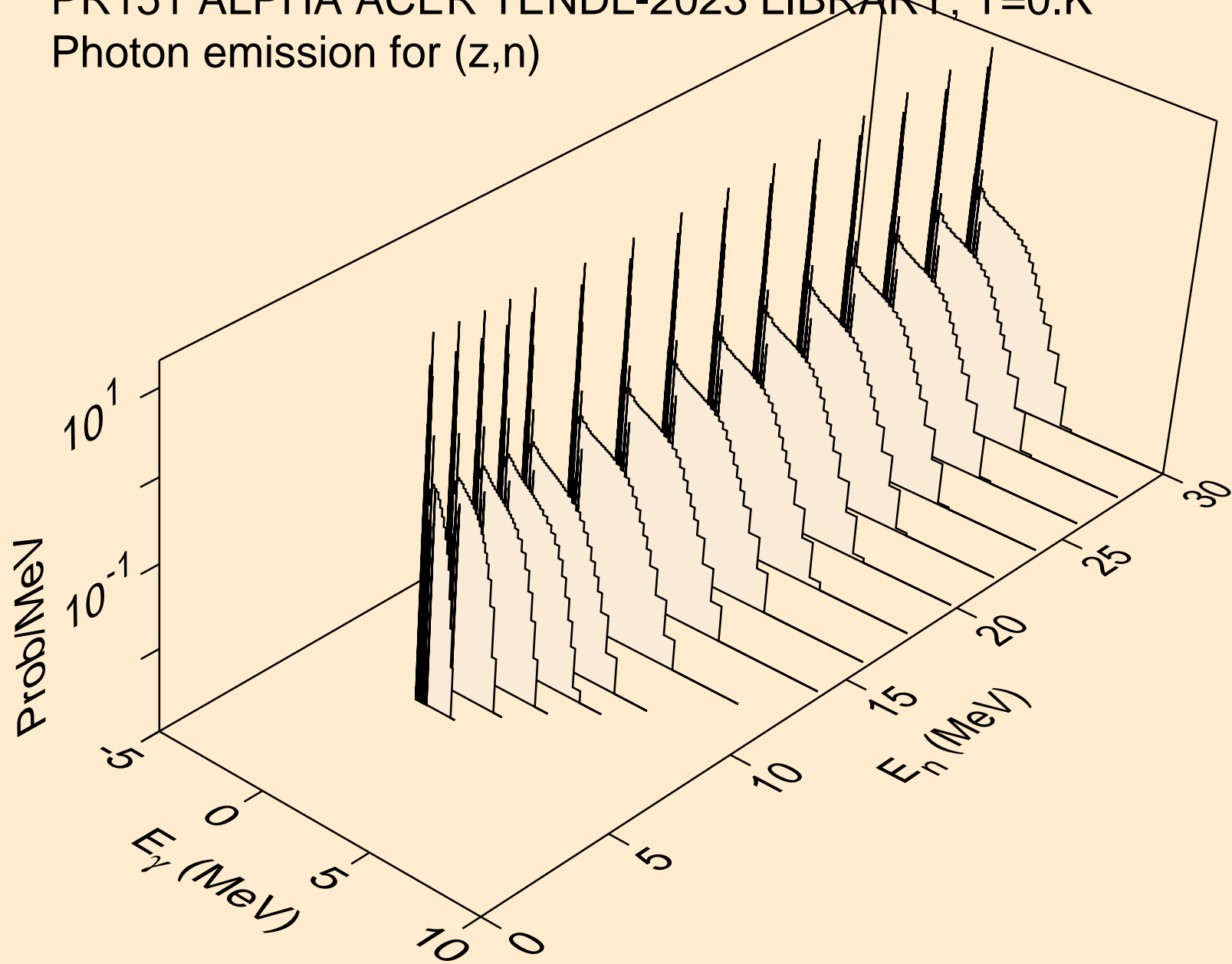
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



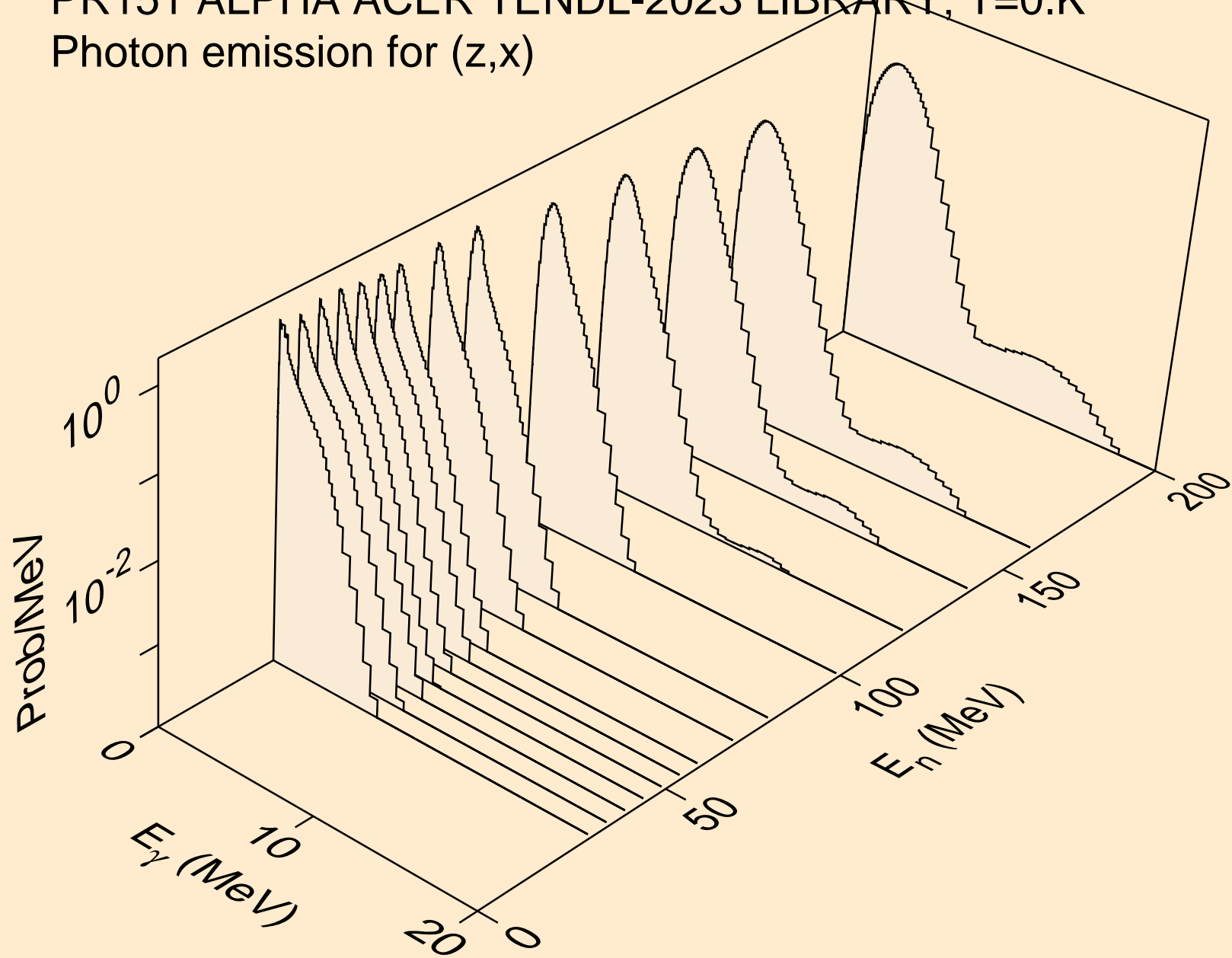
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



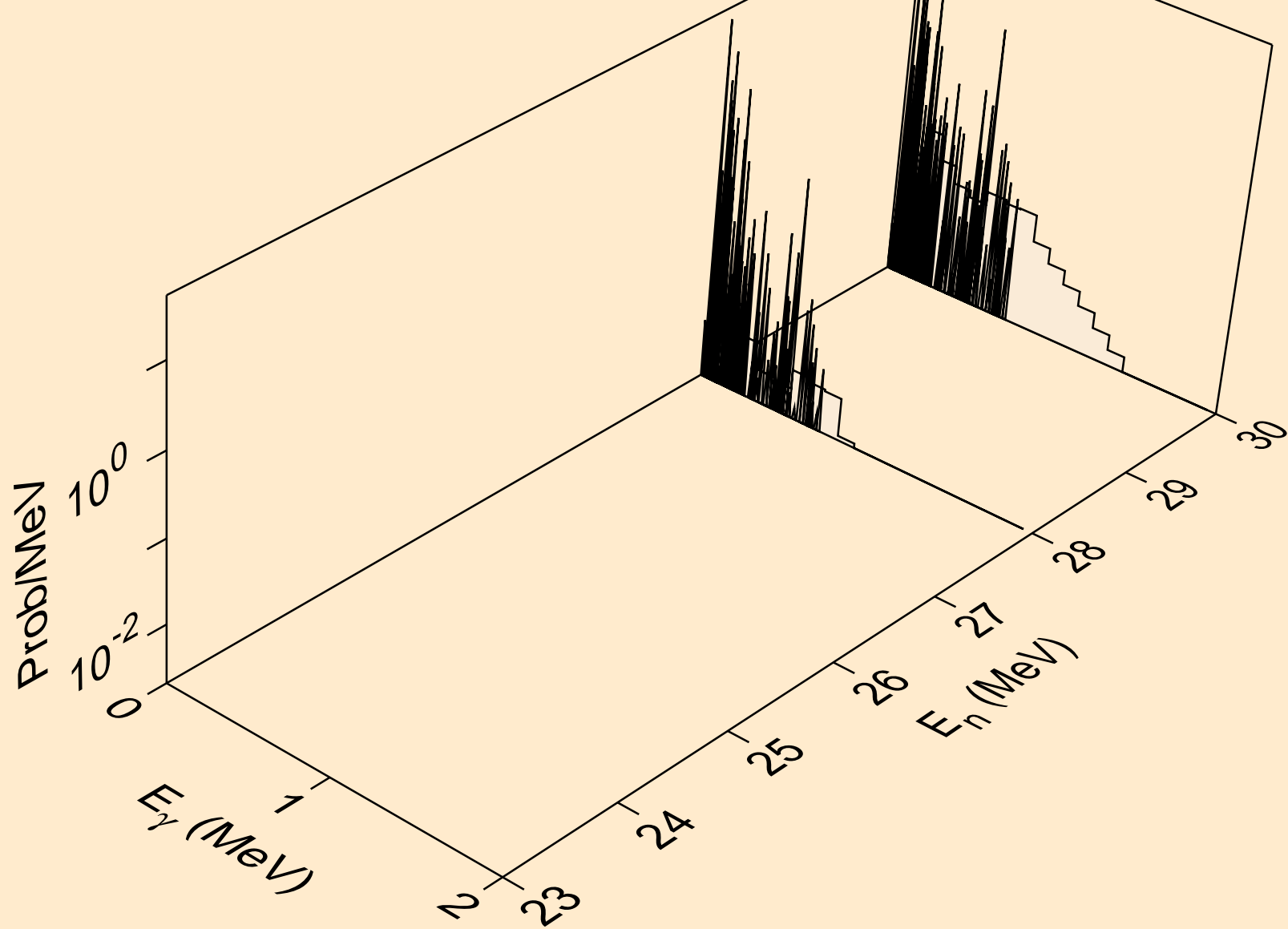
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



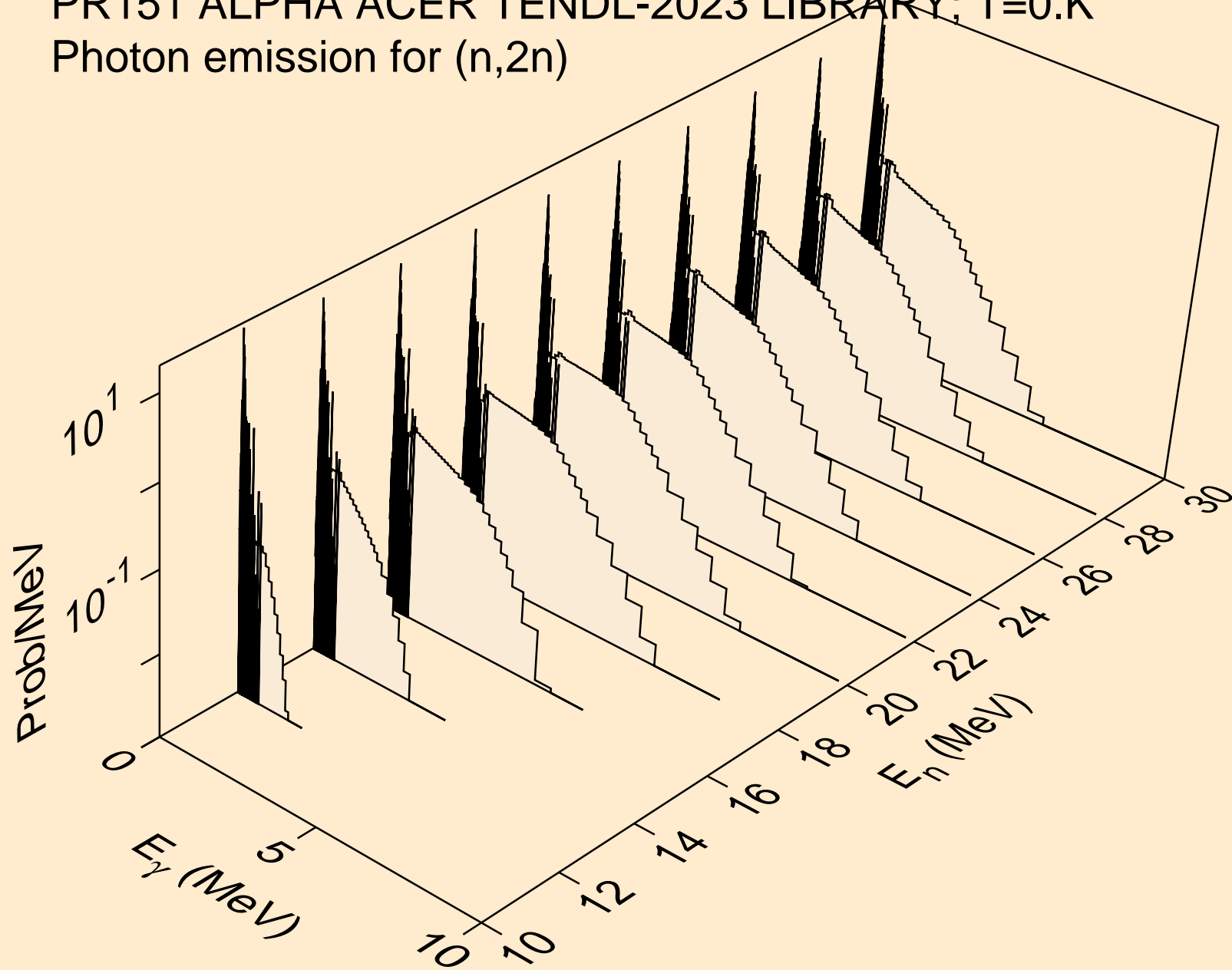
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

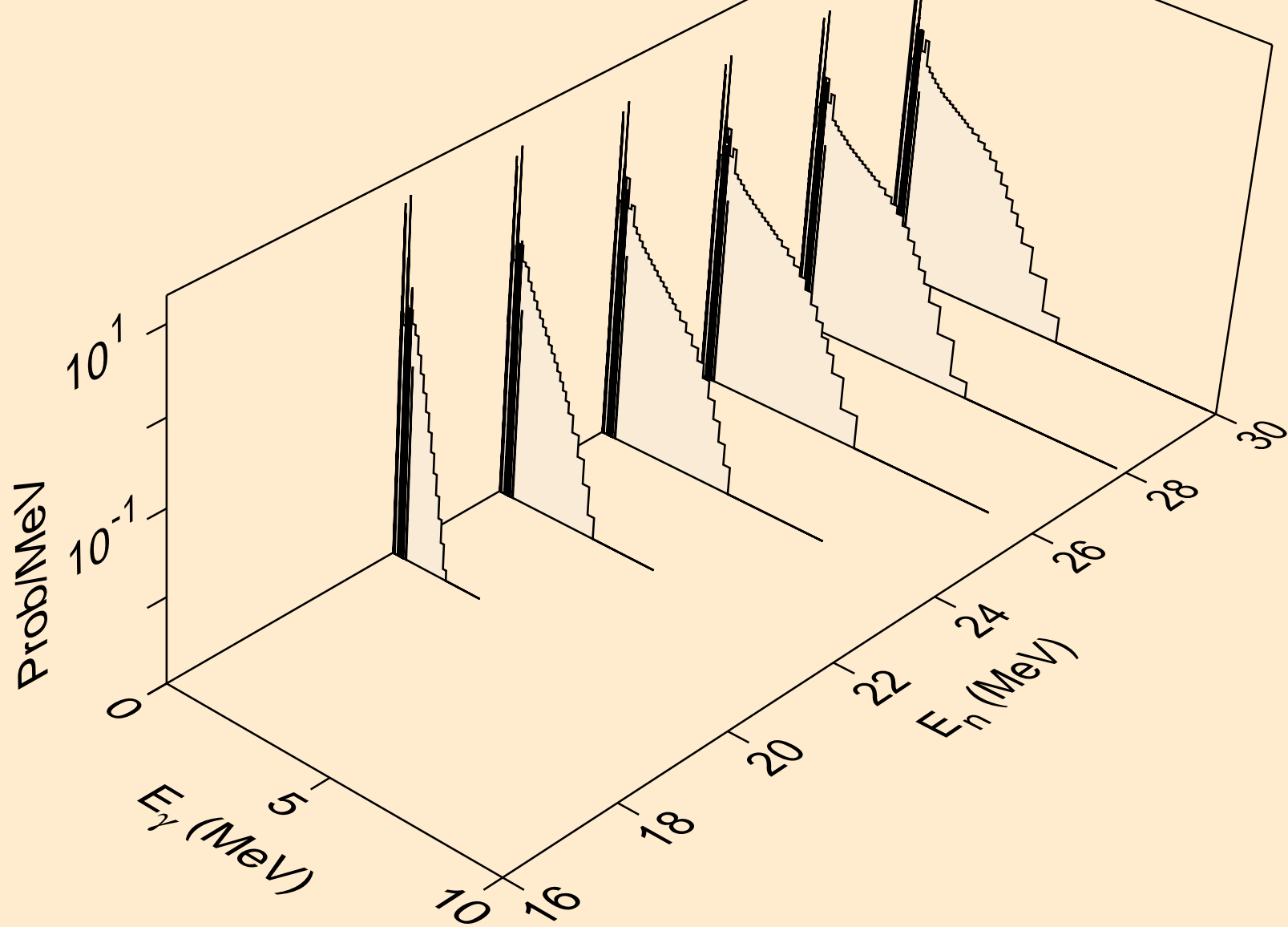


PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

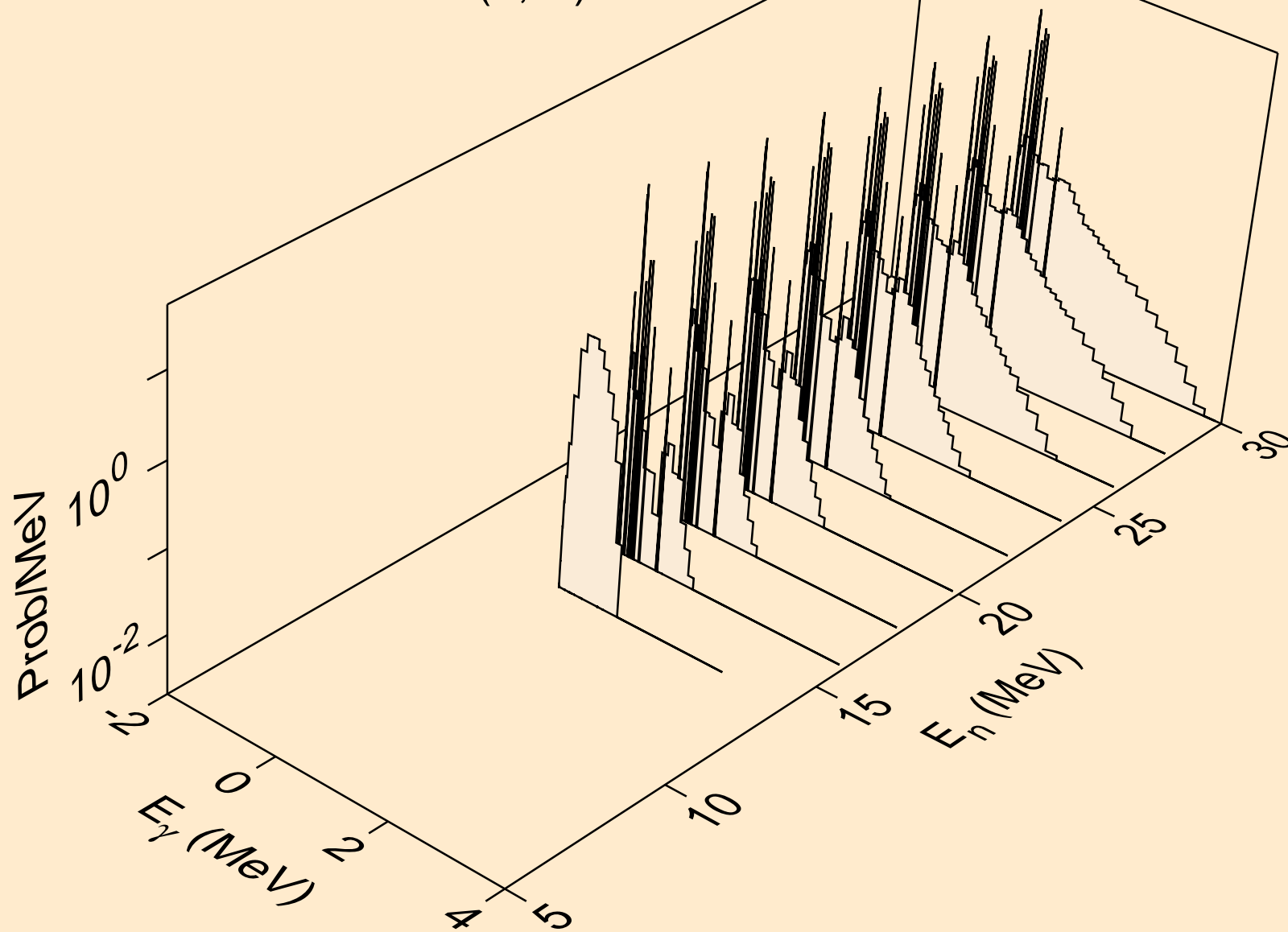




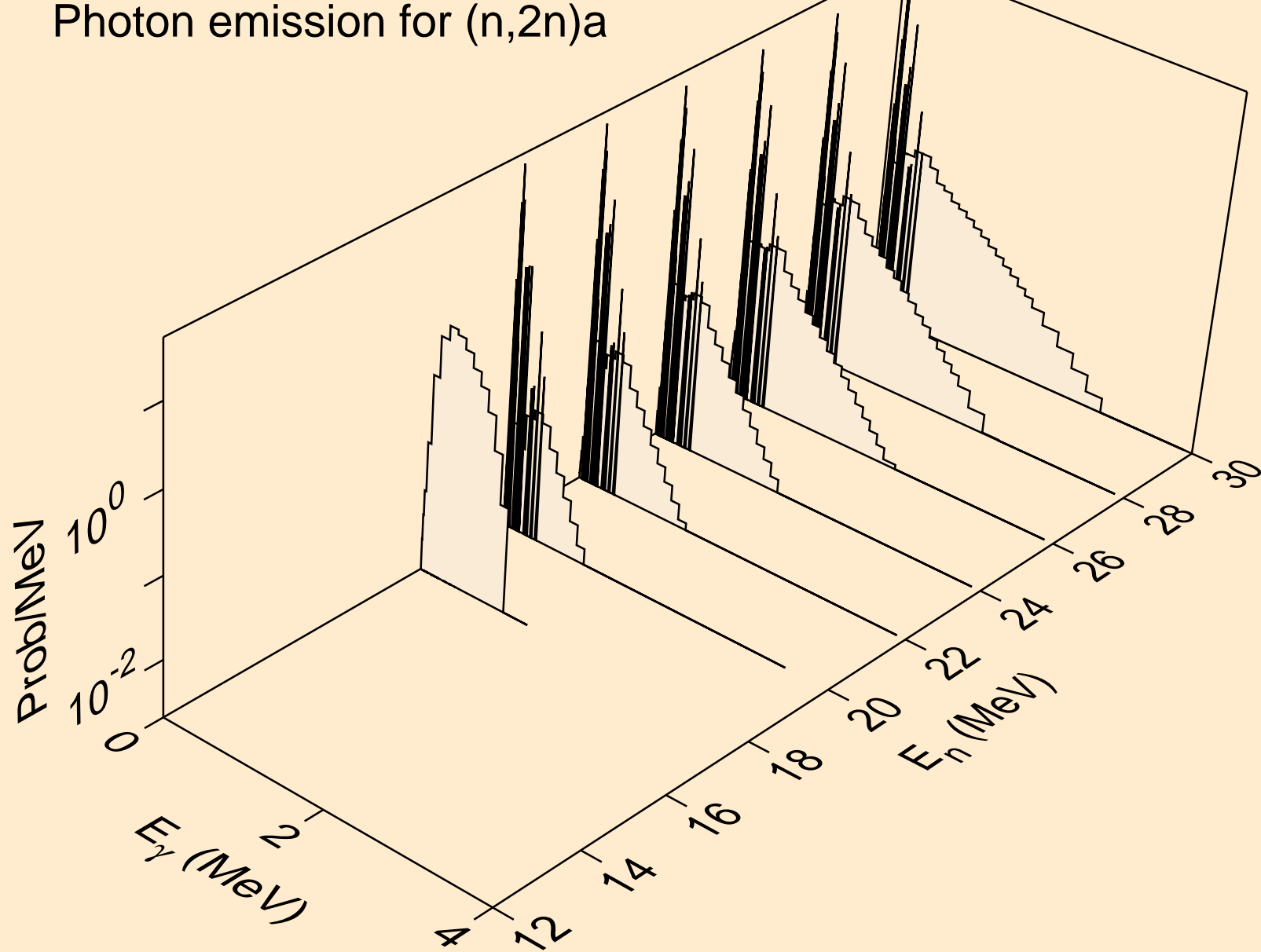
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



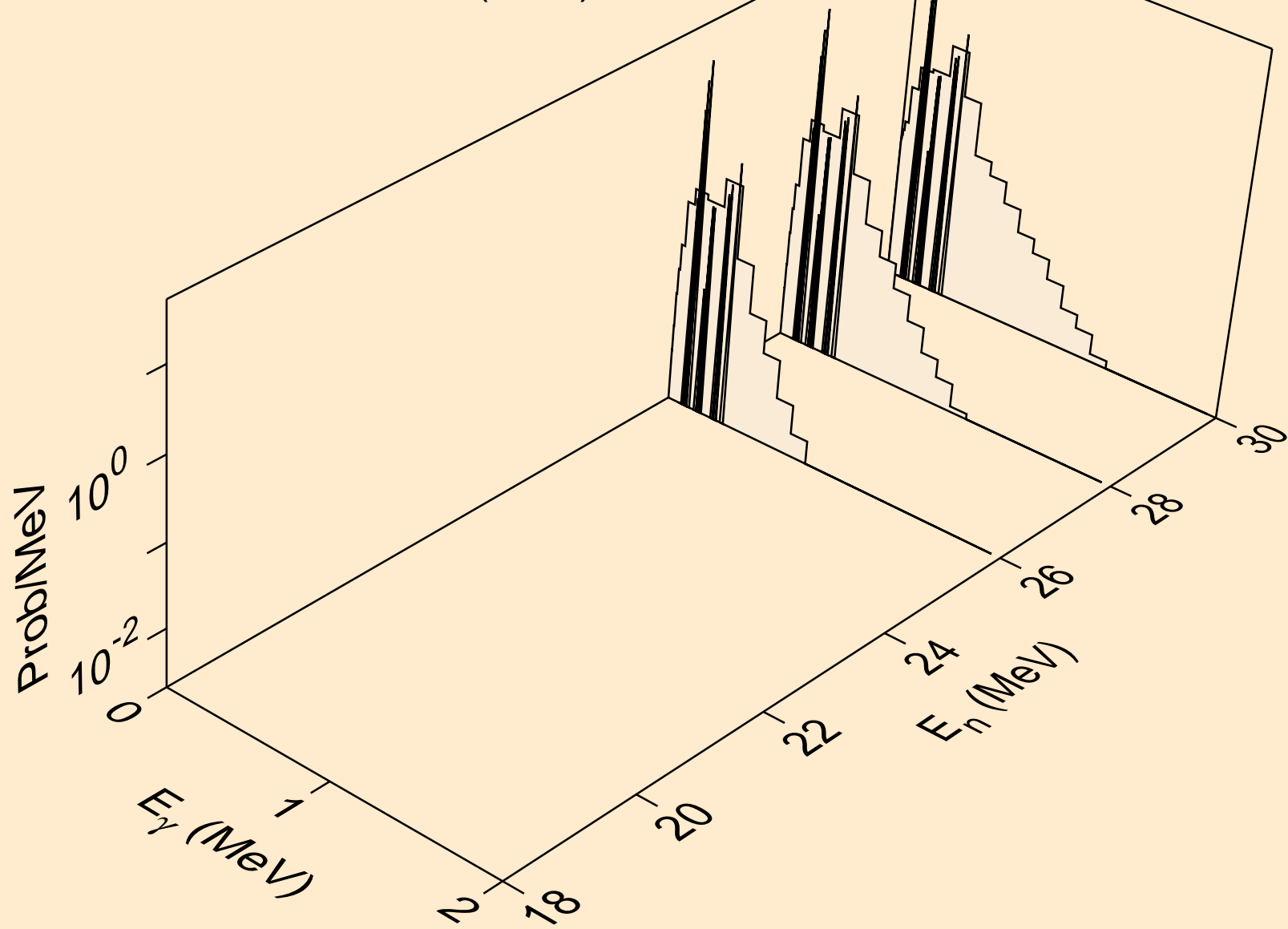
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



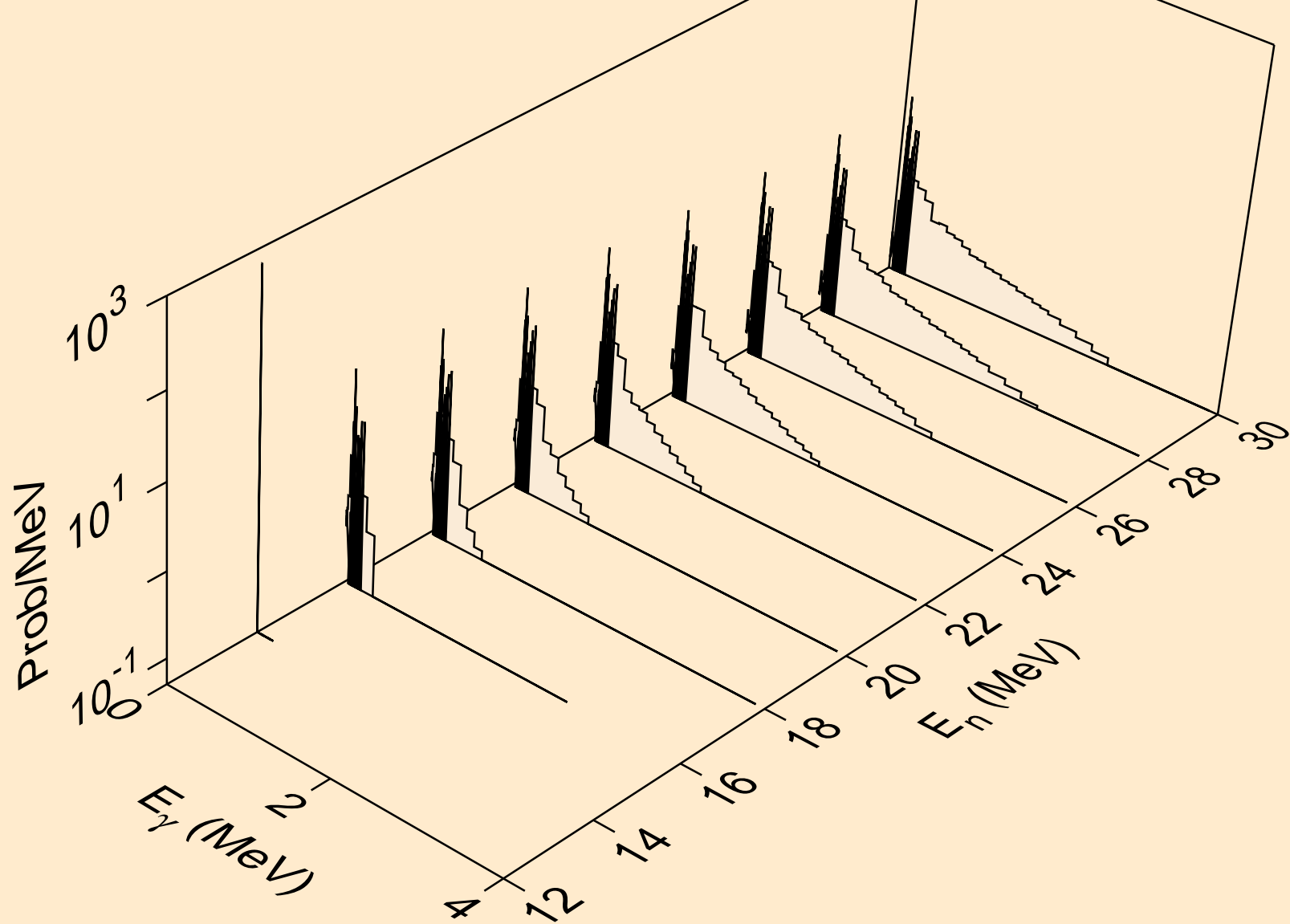
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



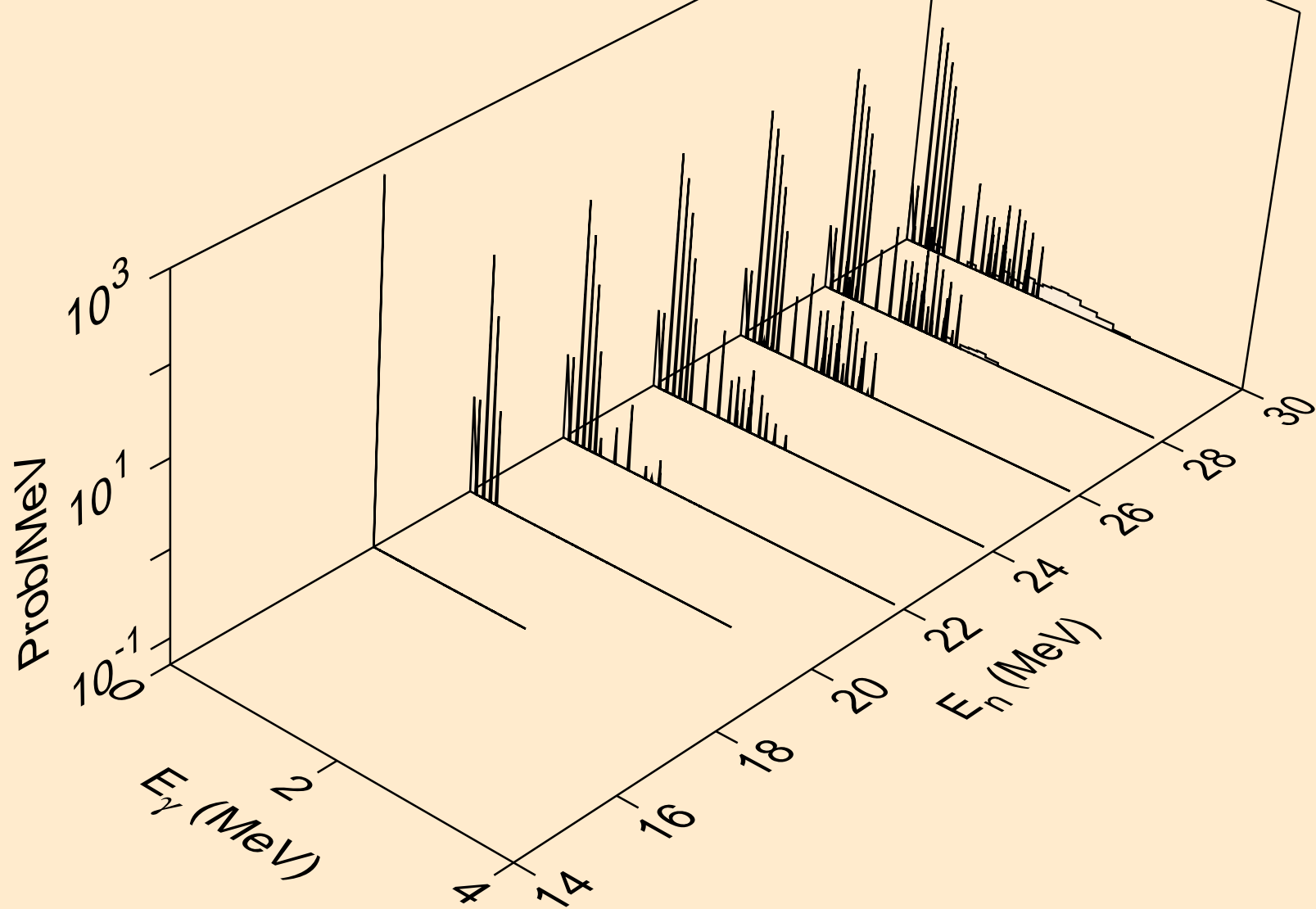
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



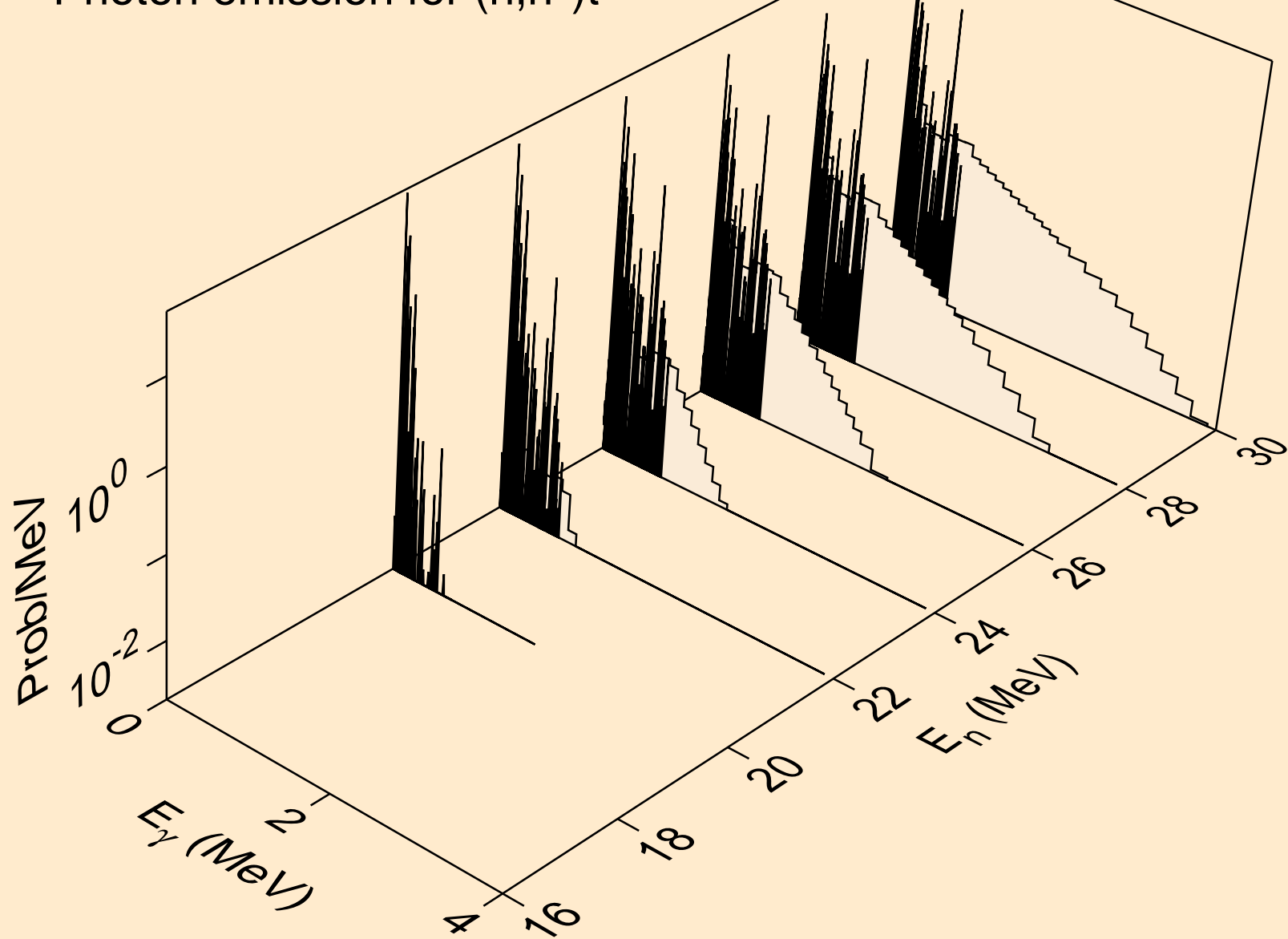
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



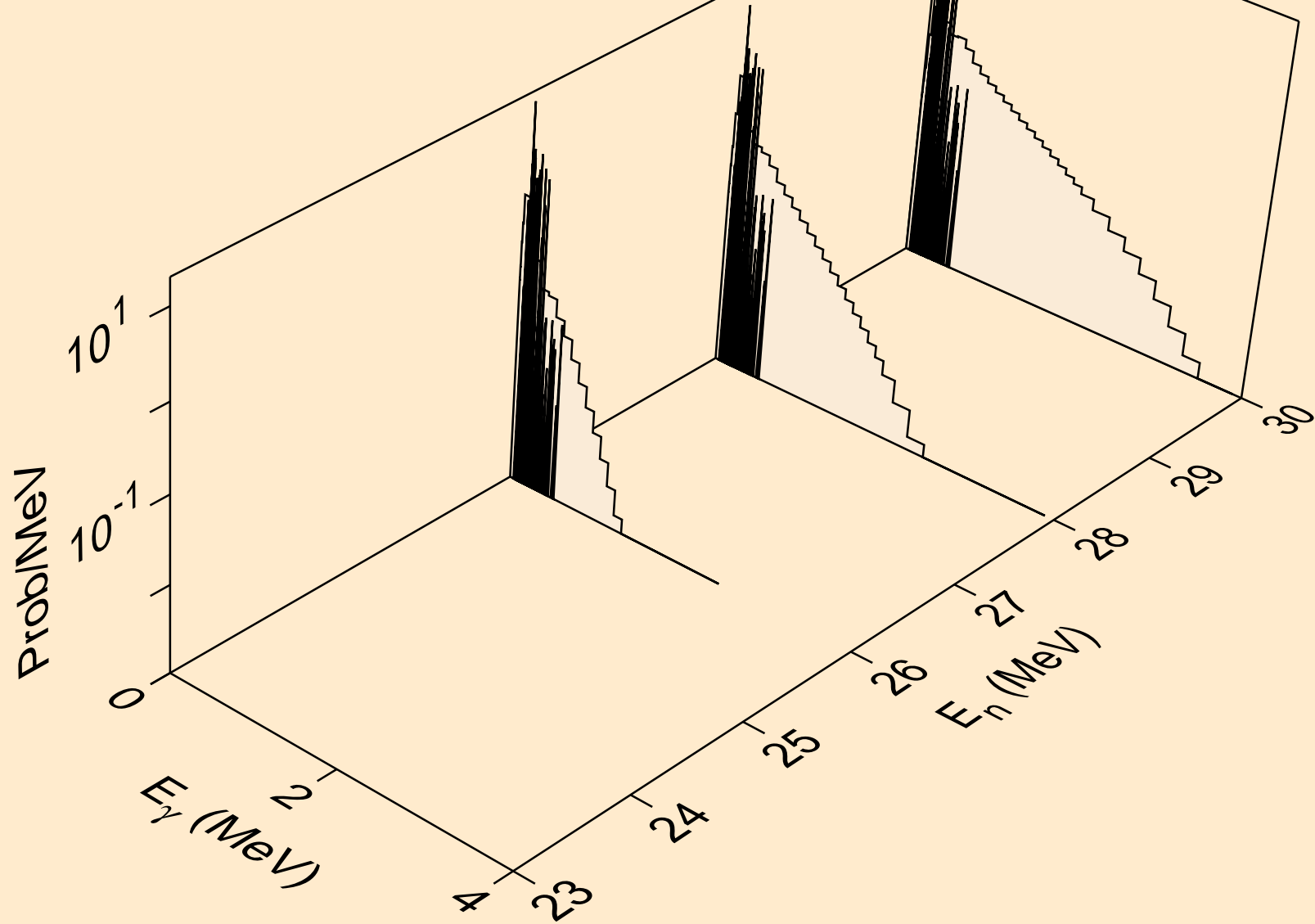
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

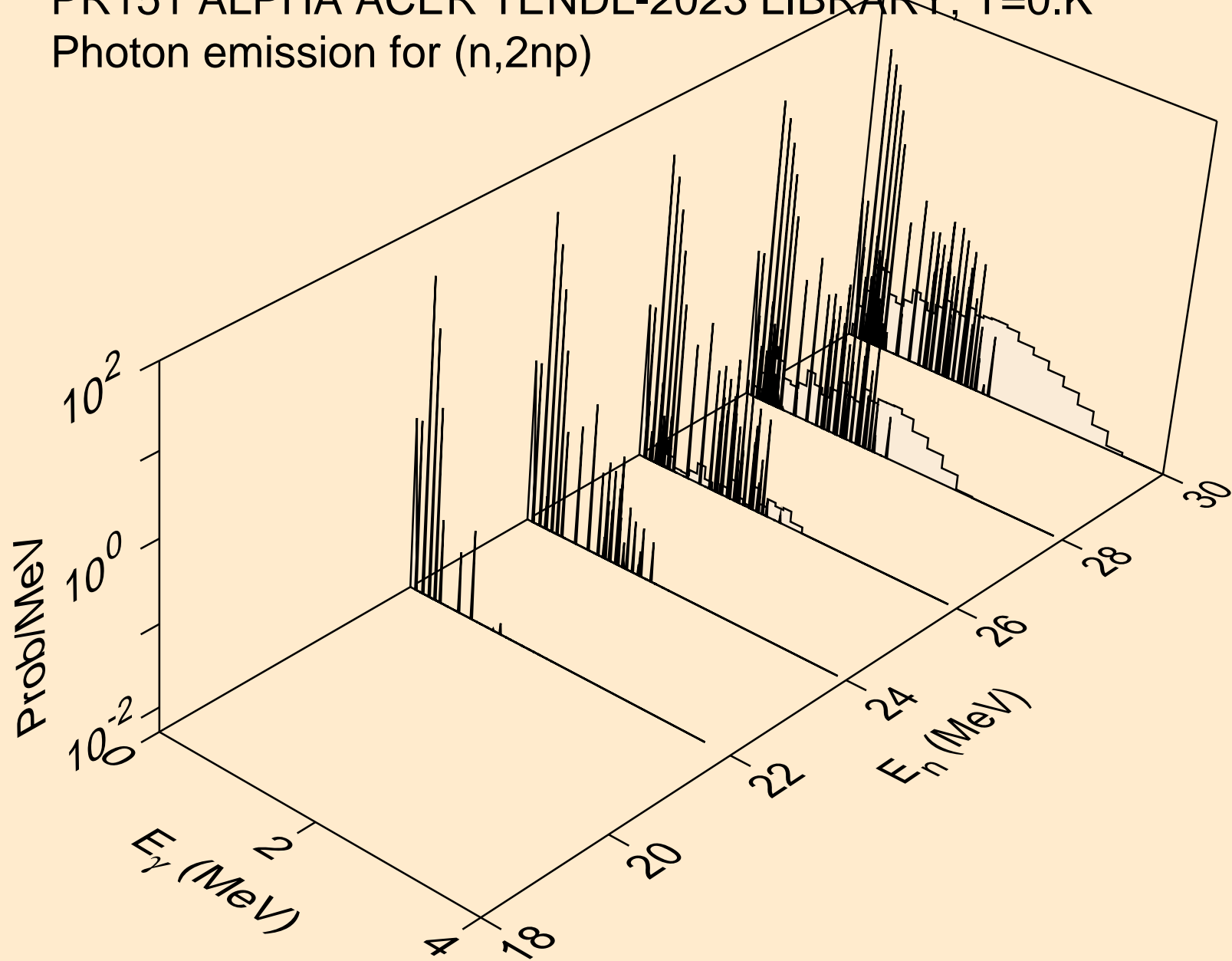


PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

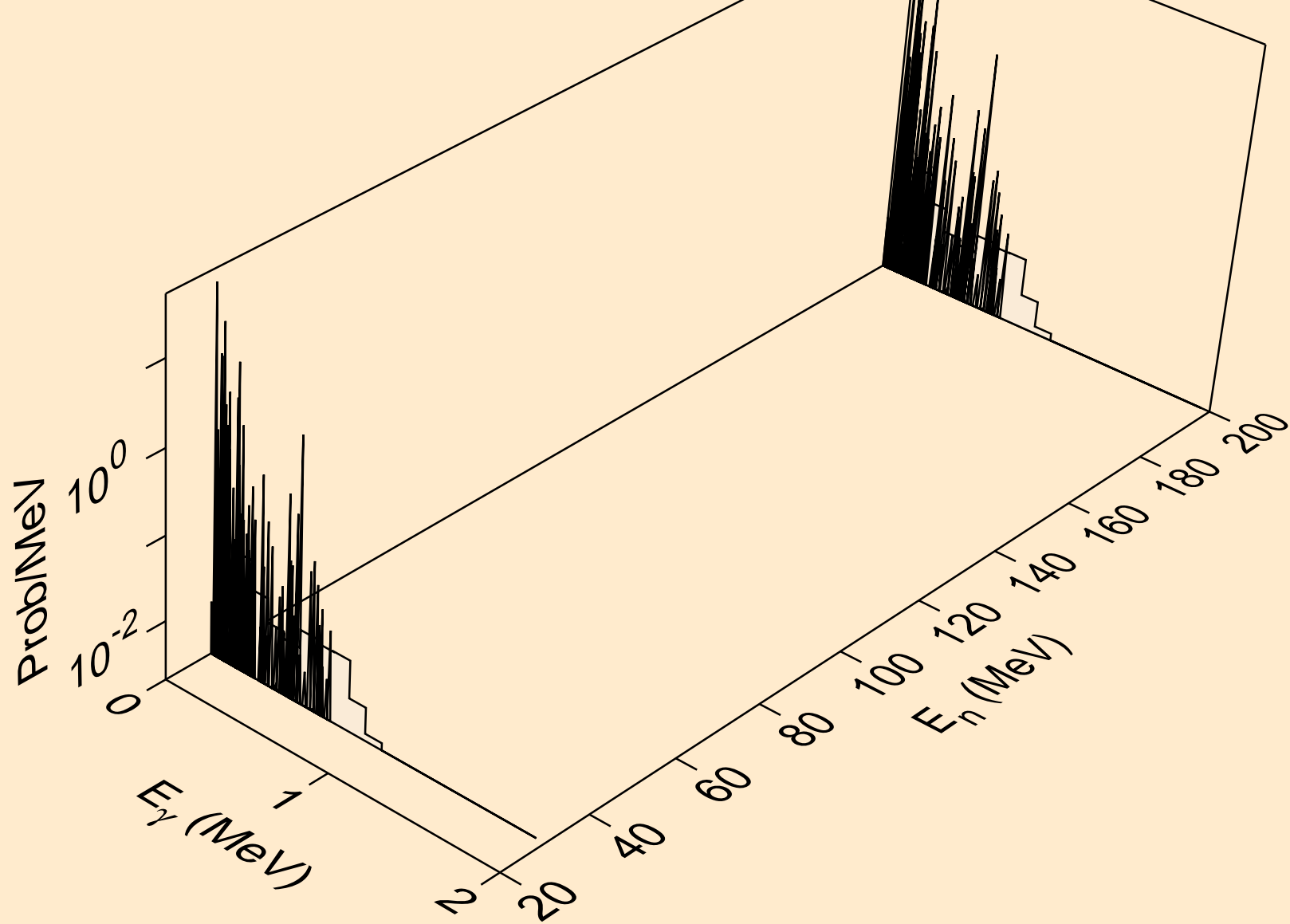




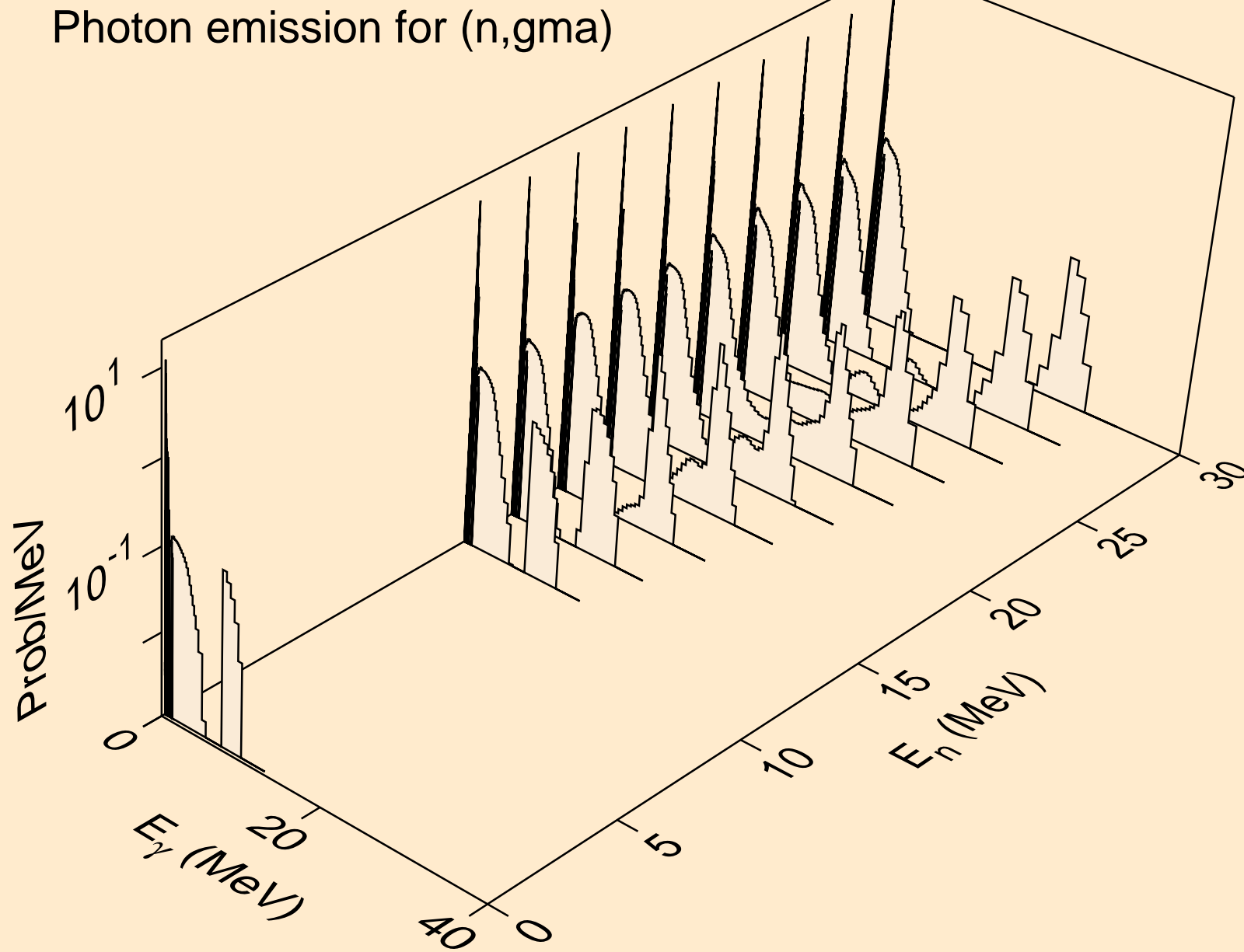
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



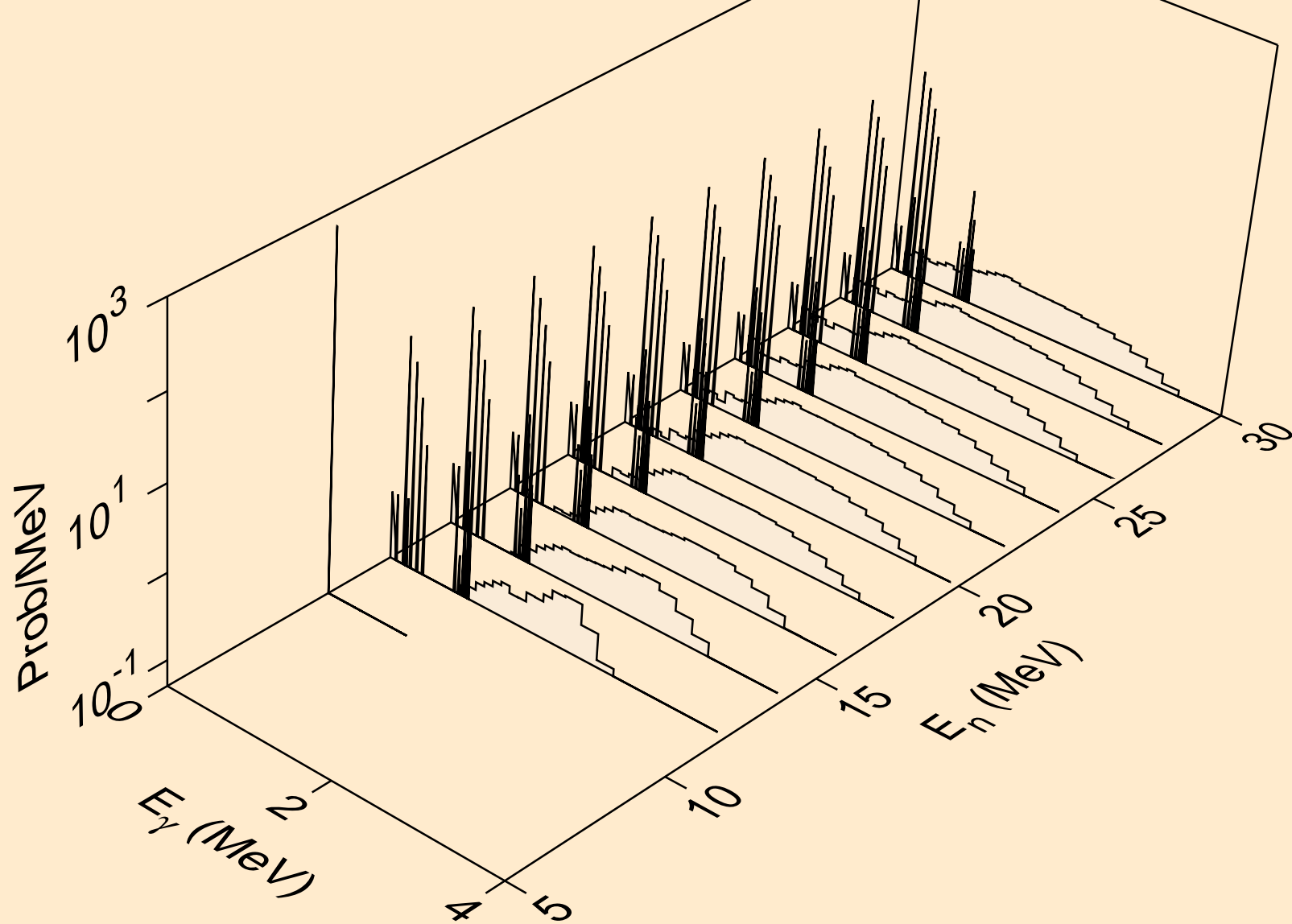
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



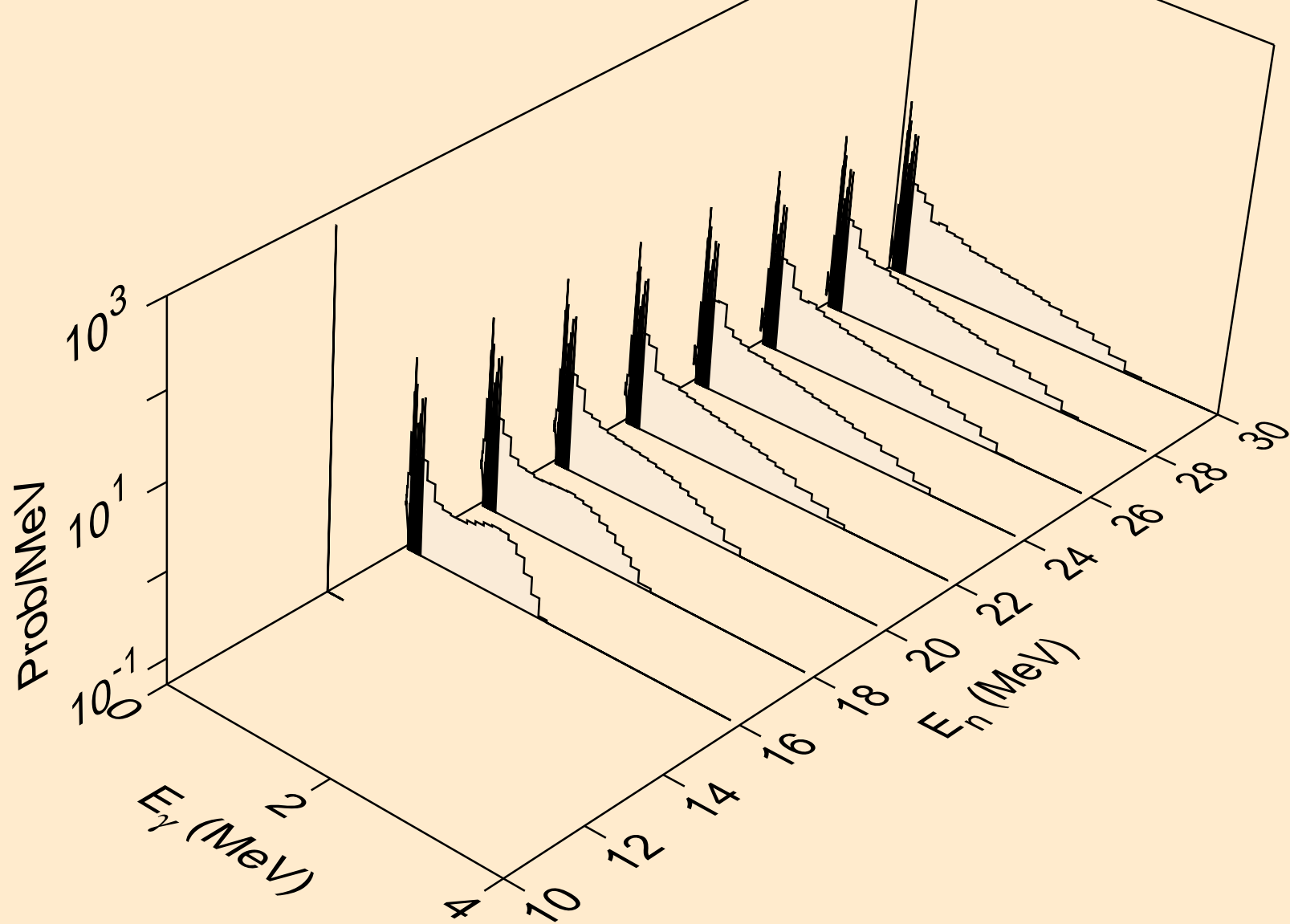
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



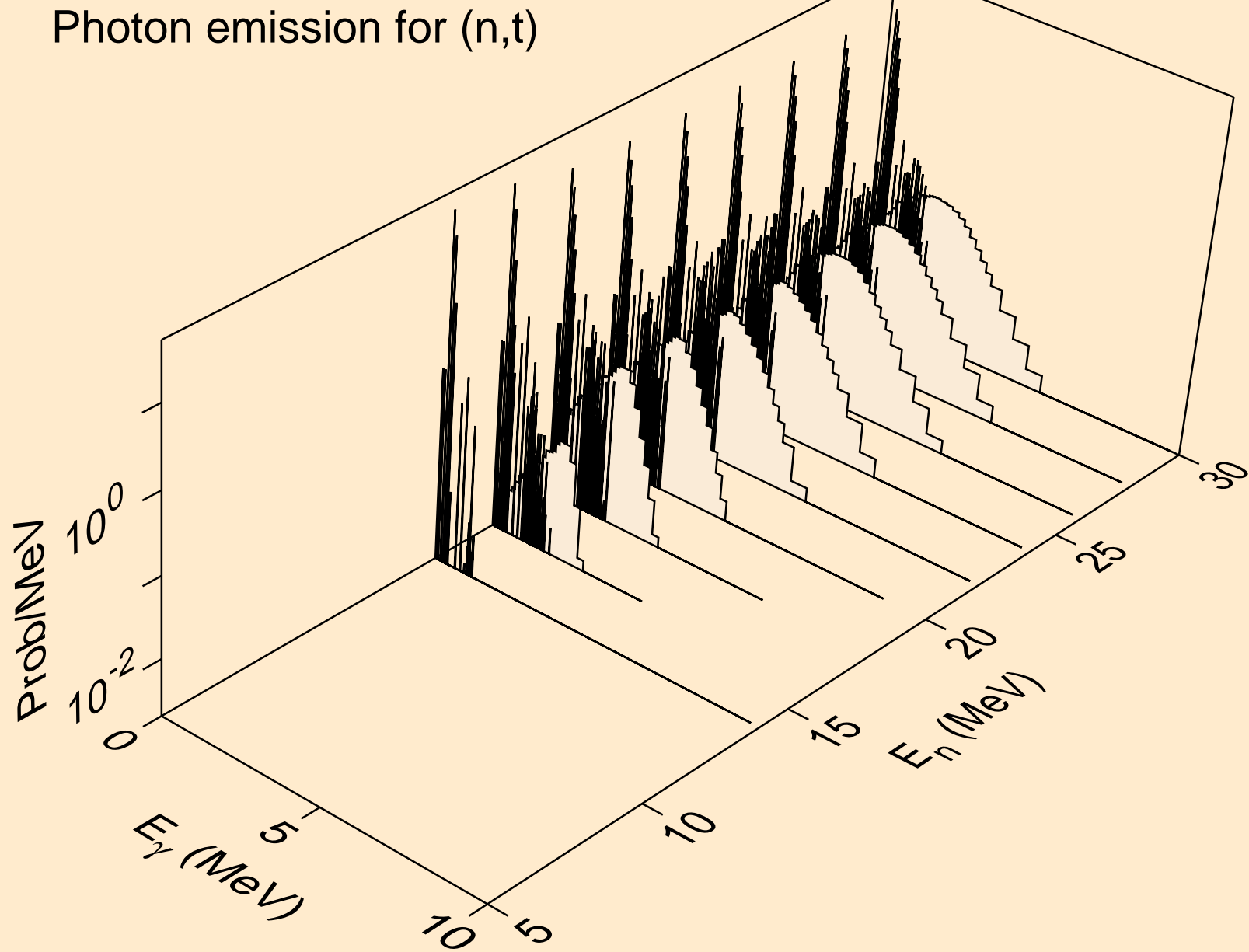
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



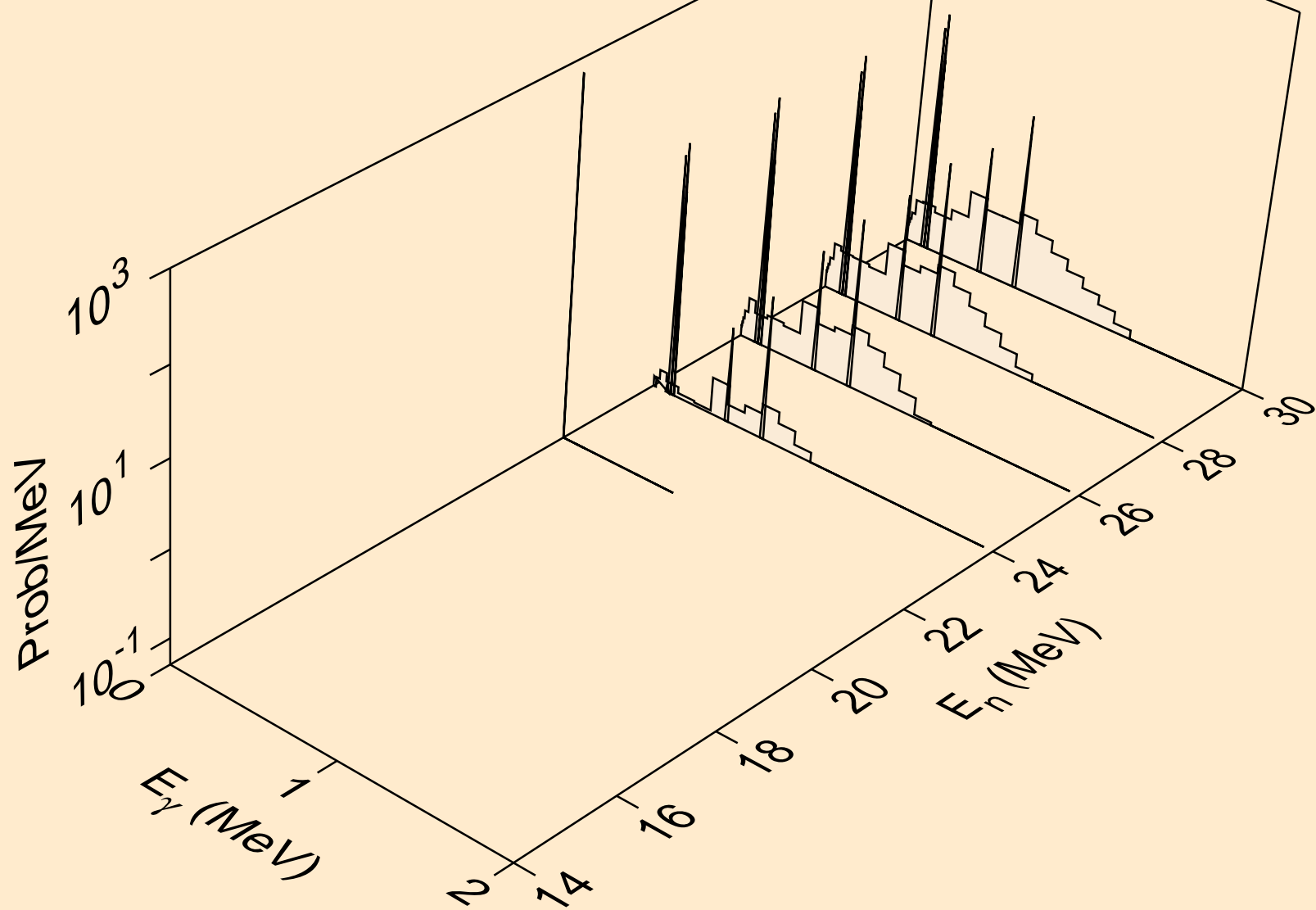
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



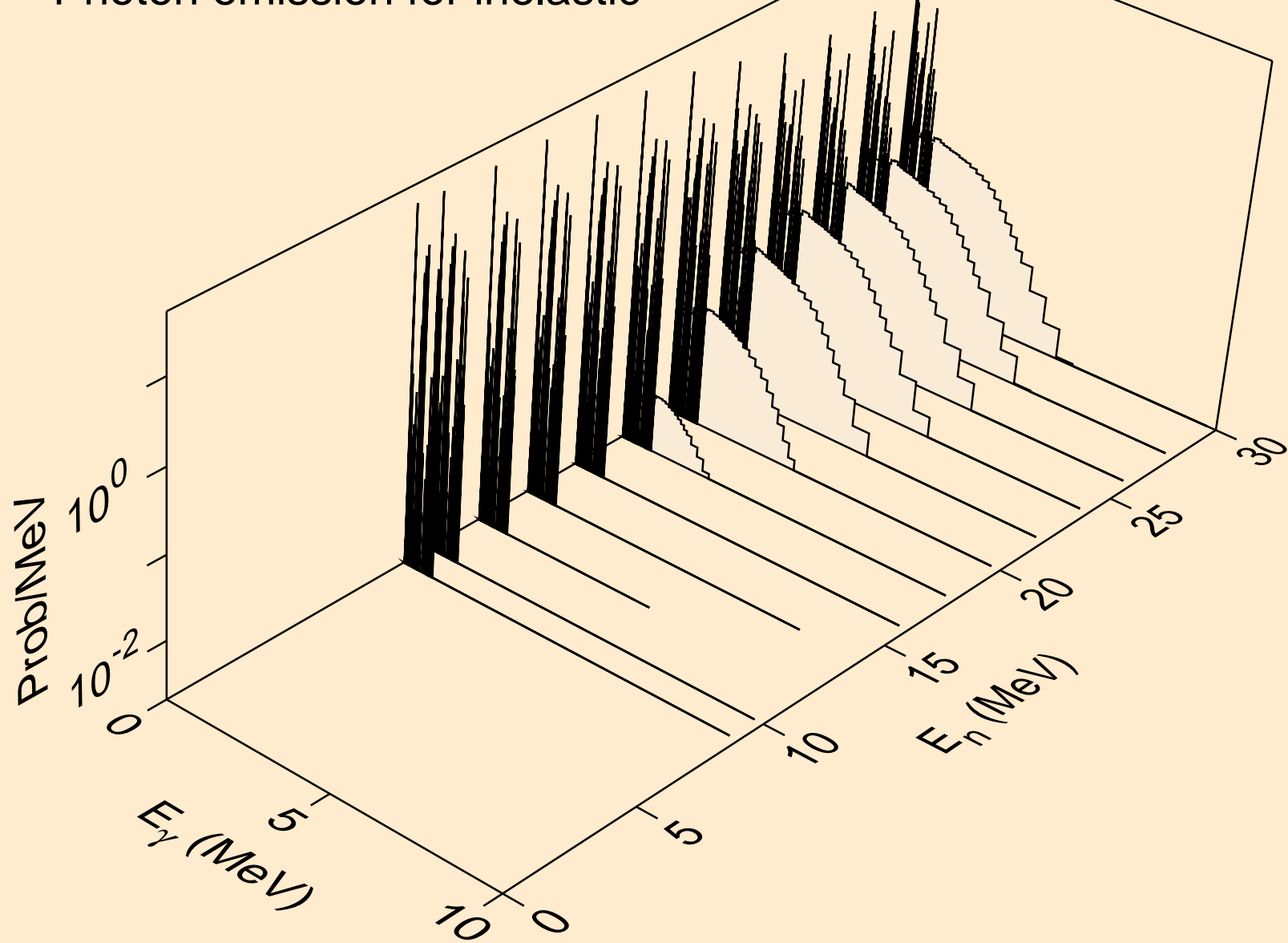
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

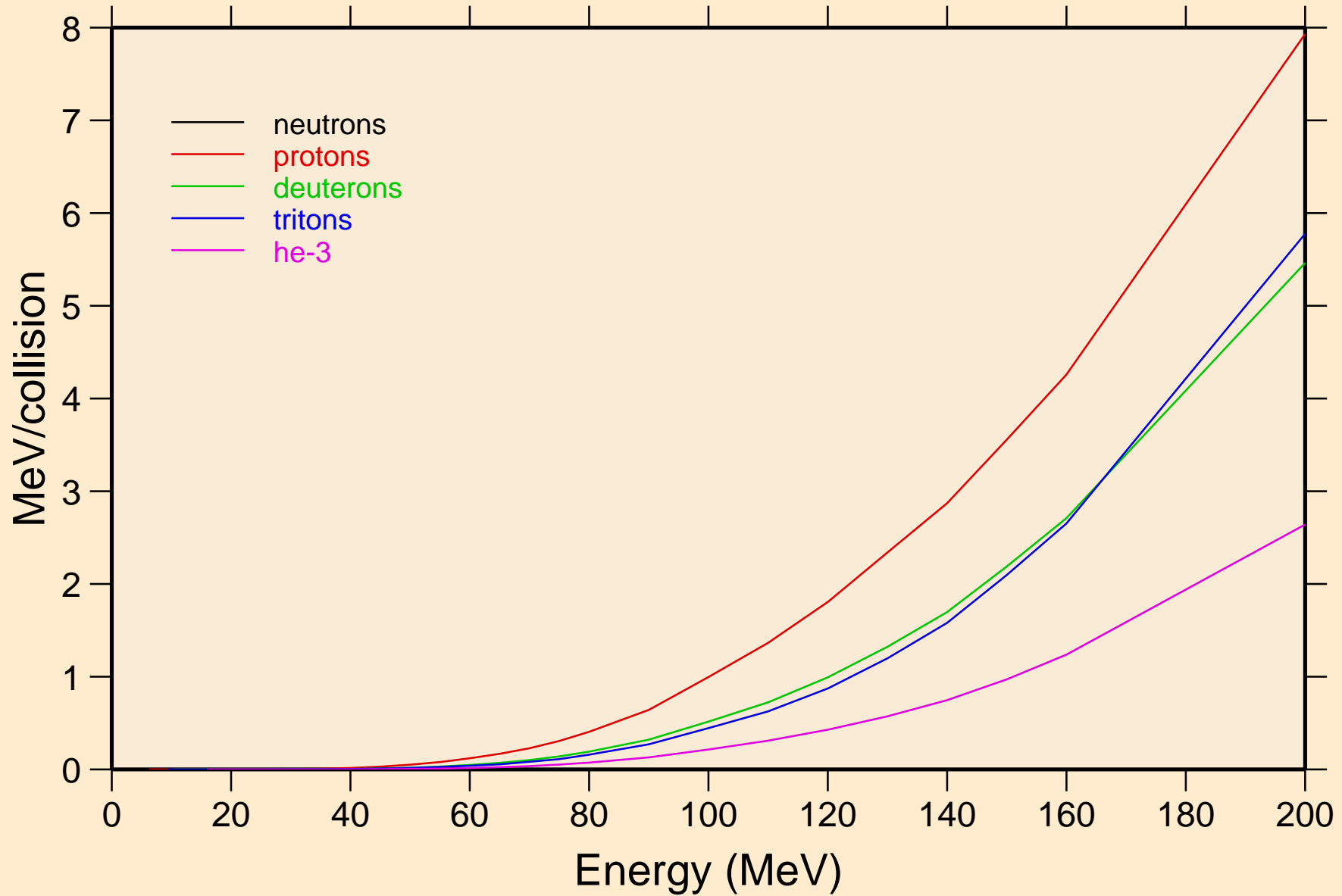


PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

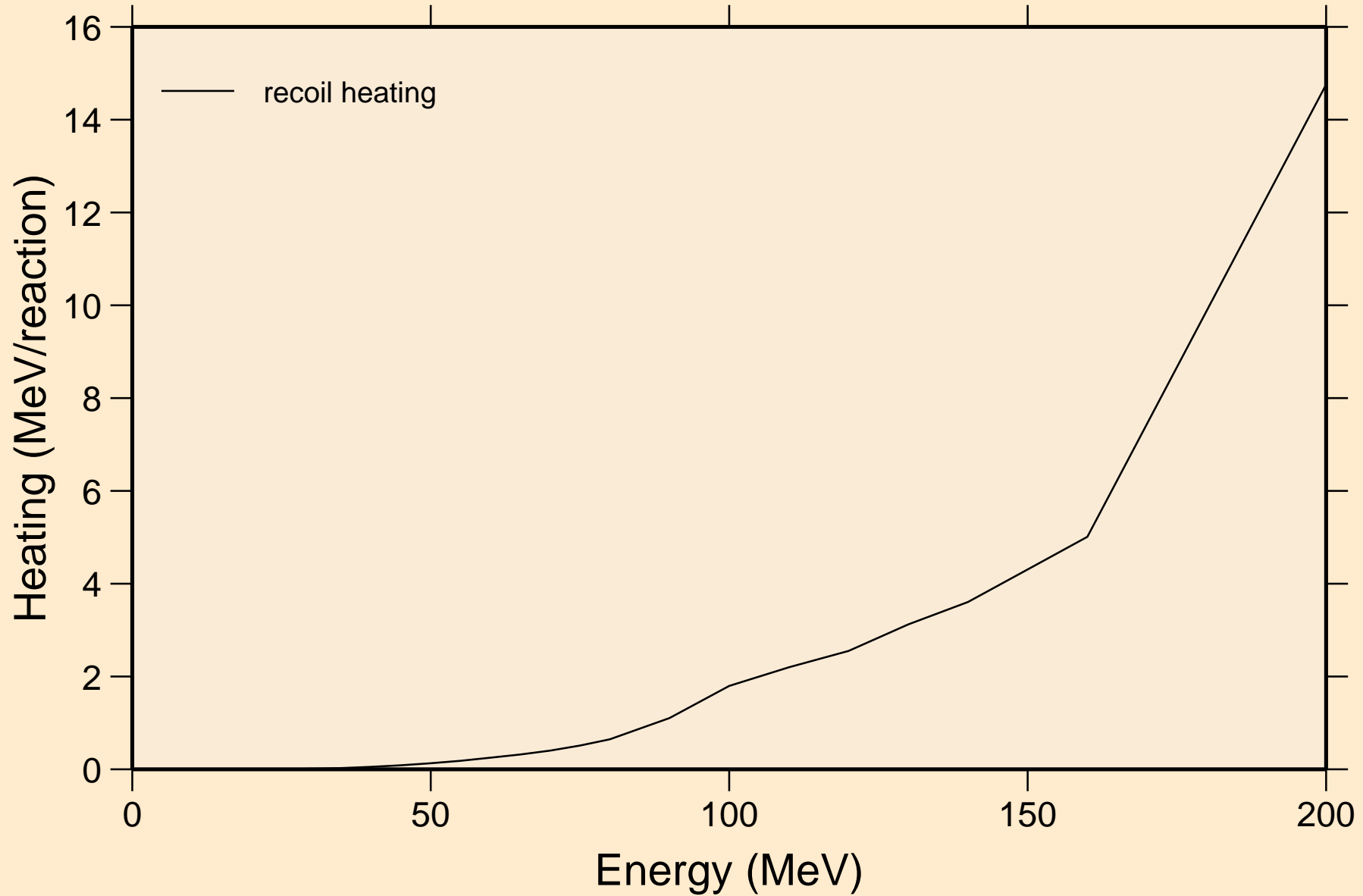




PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

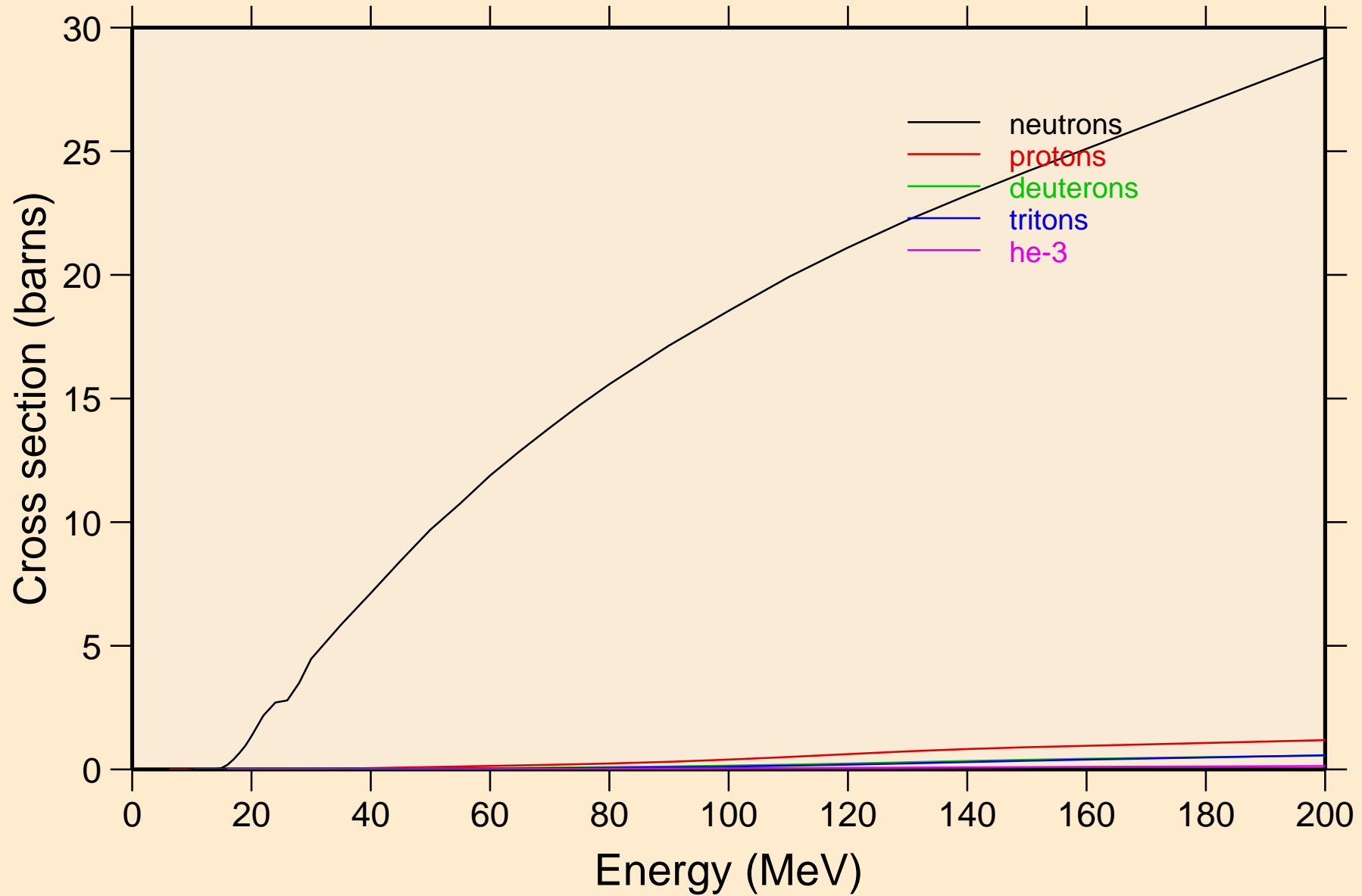


PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

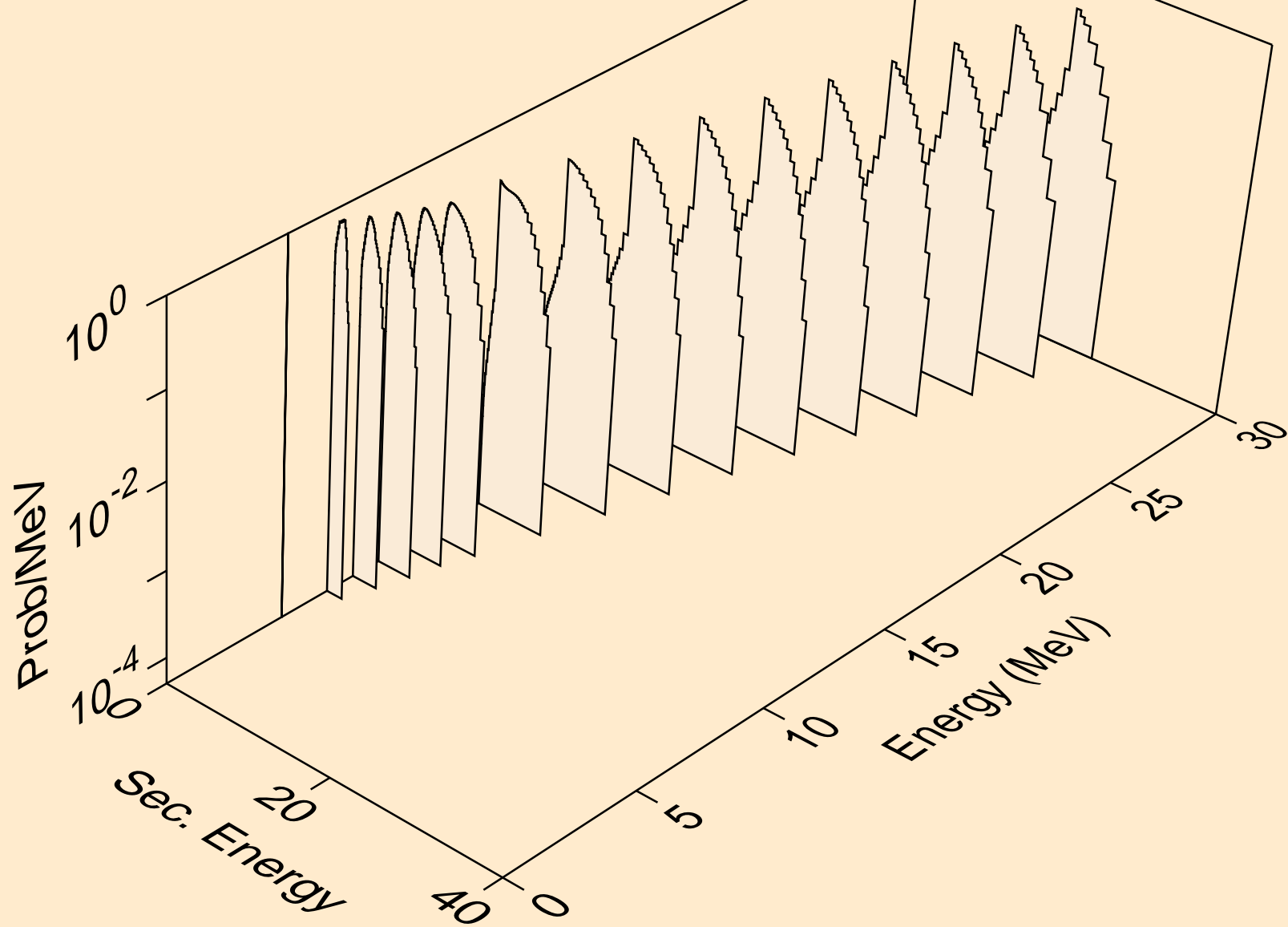


# PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

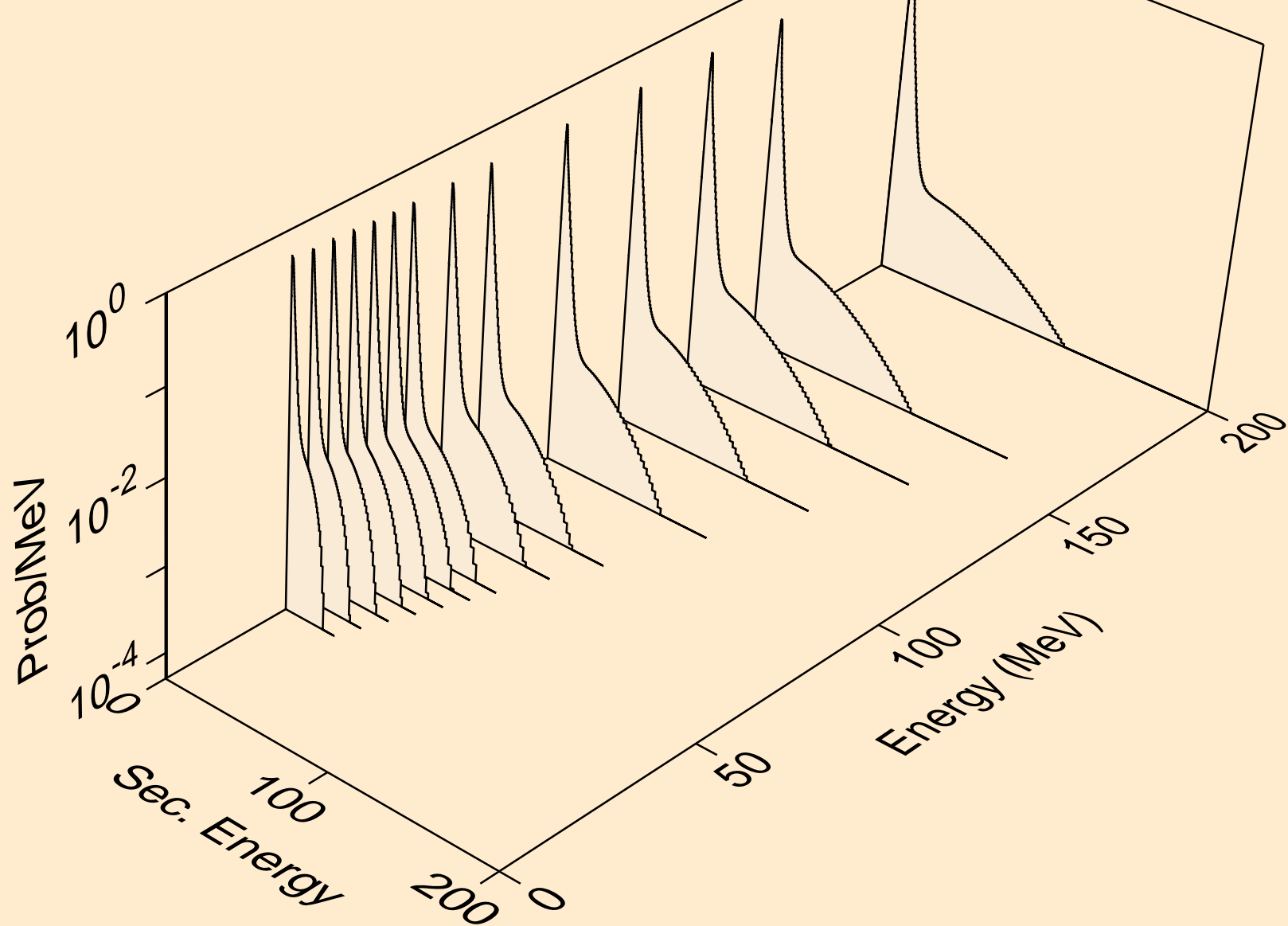
## Particle production cross sections



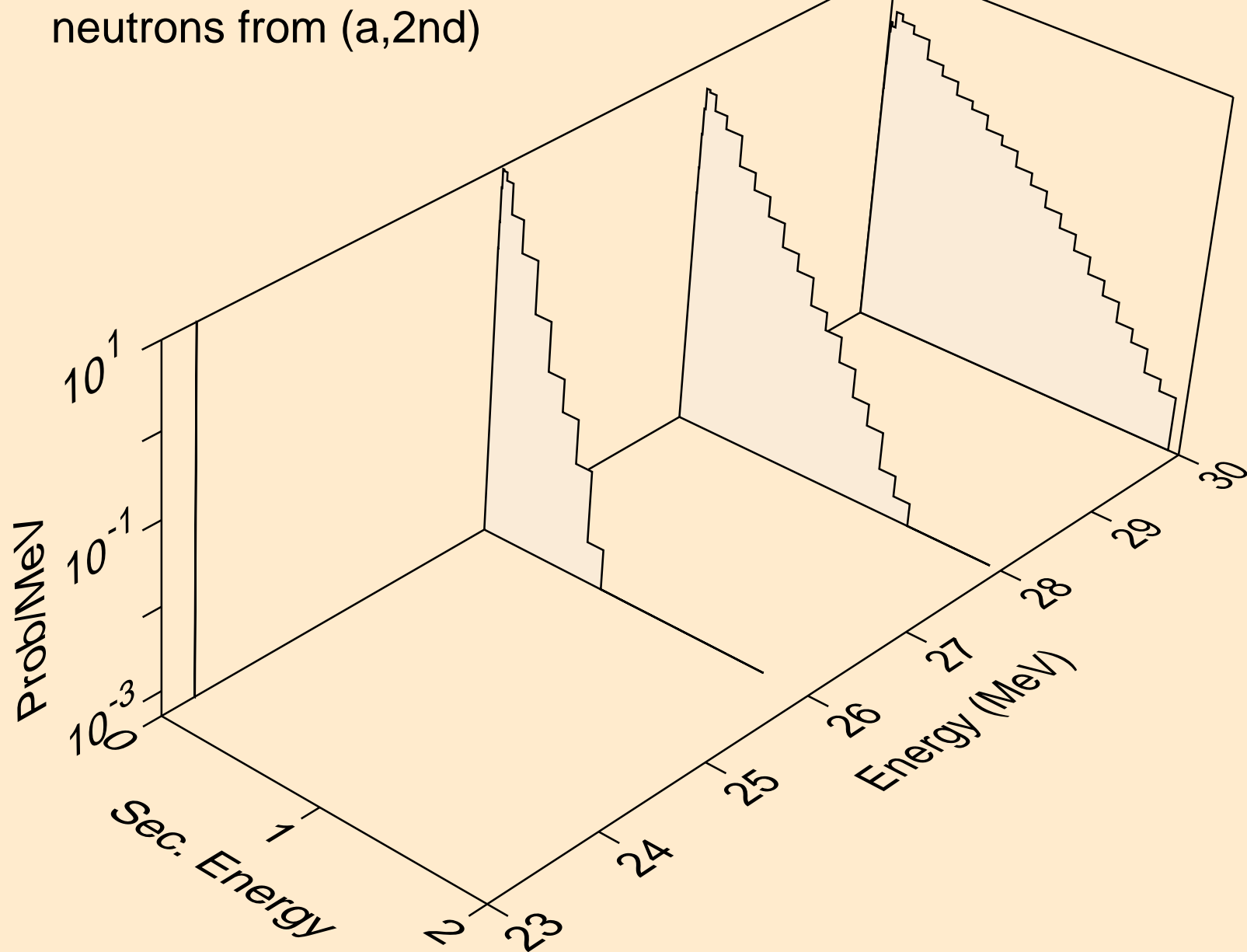
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



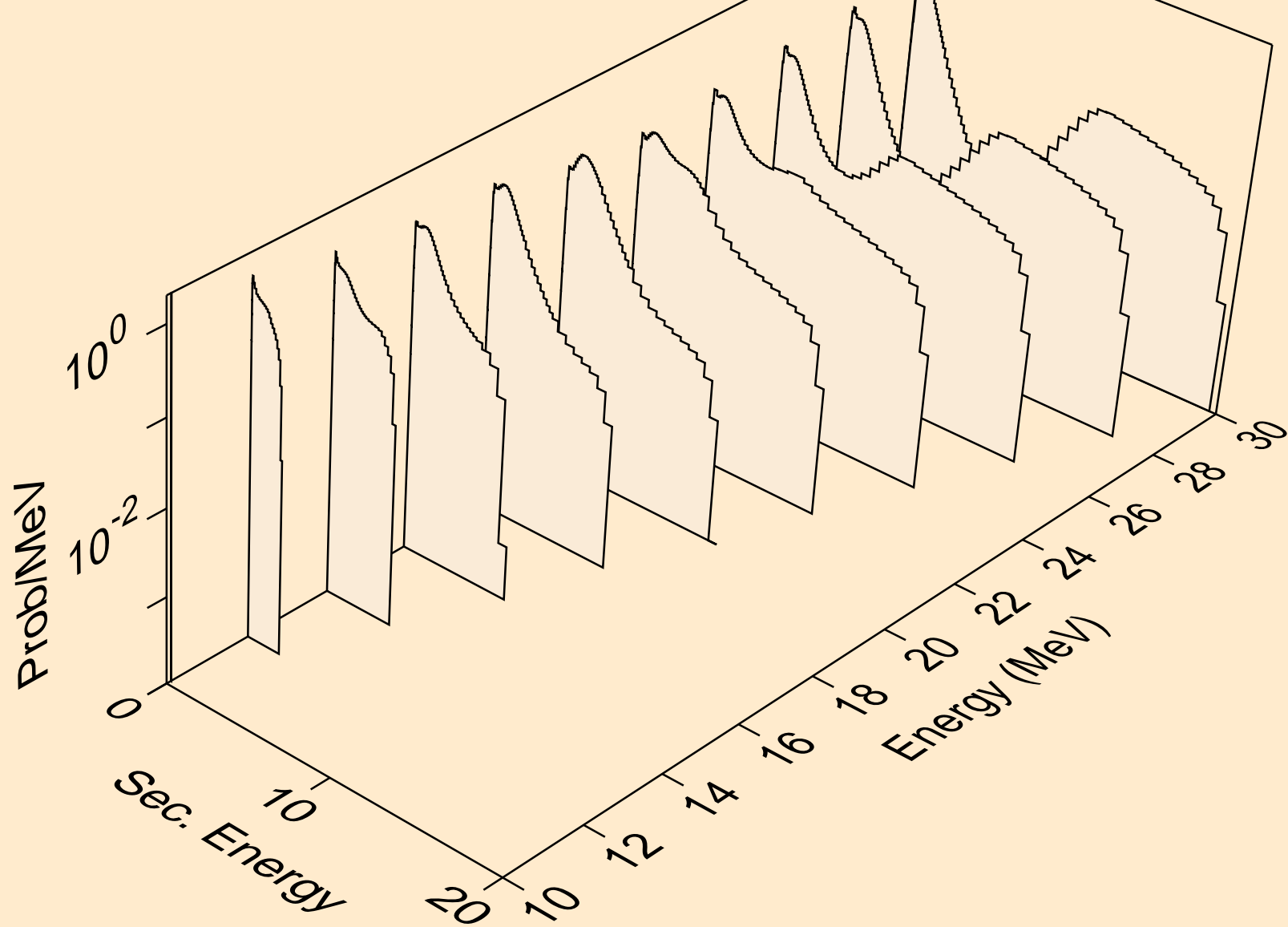
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



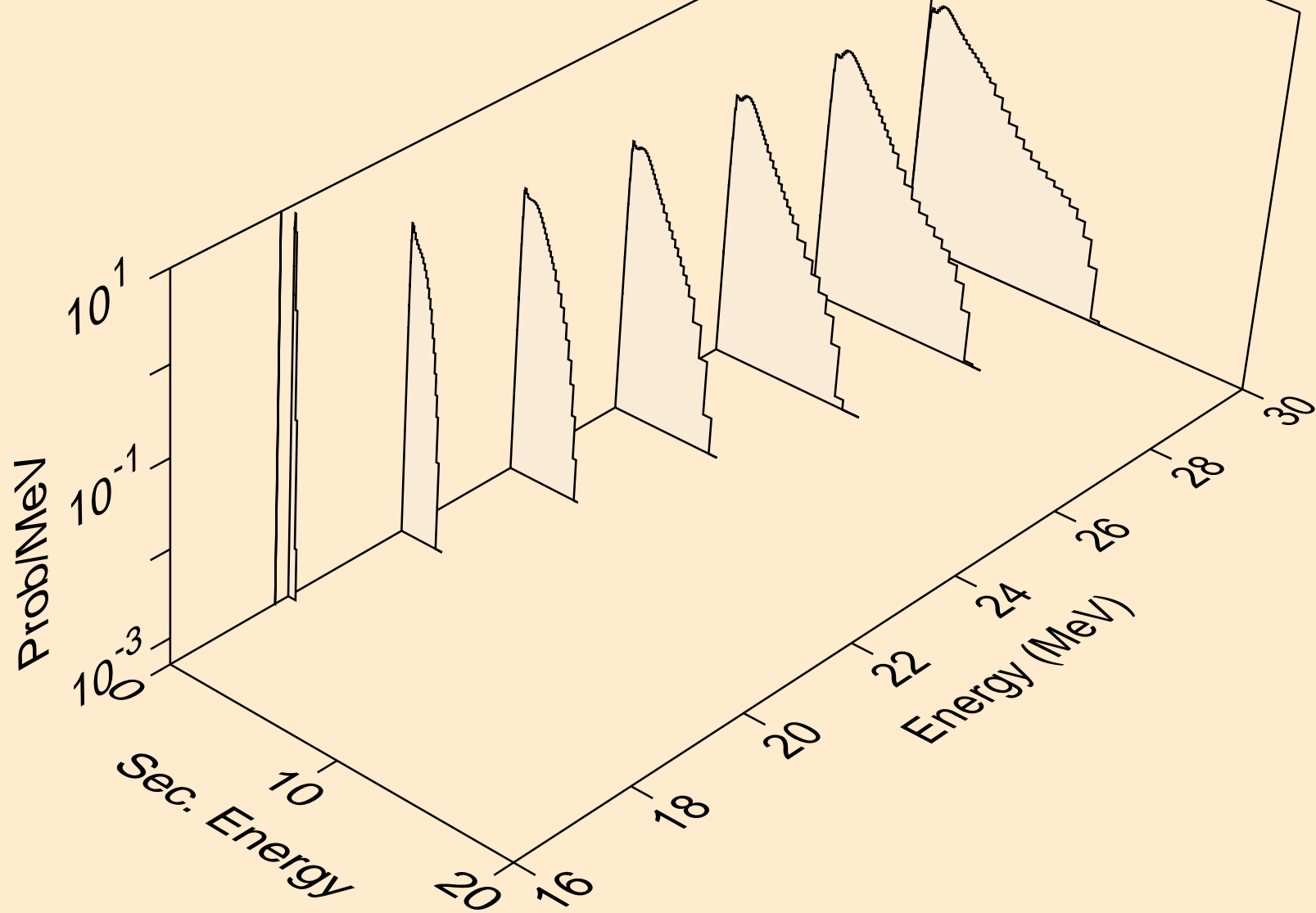
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

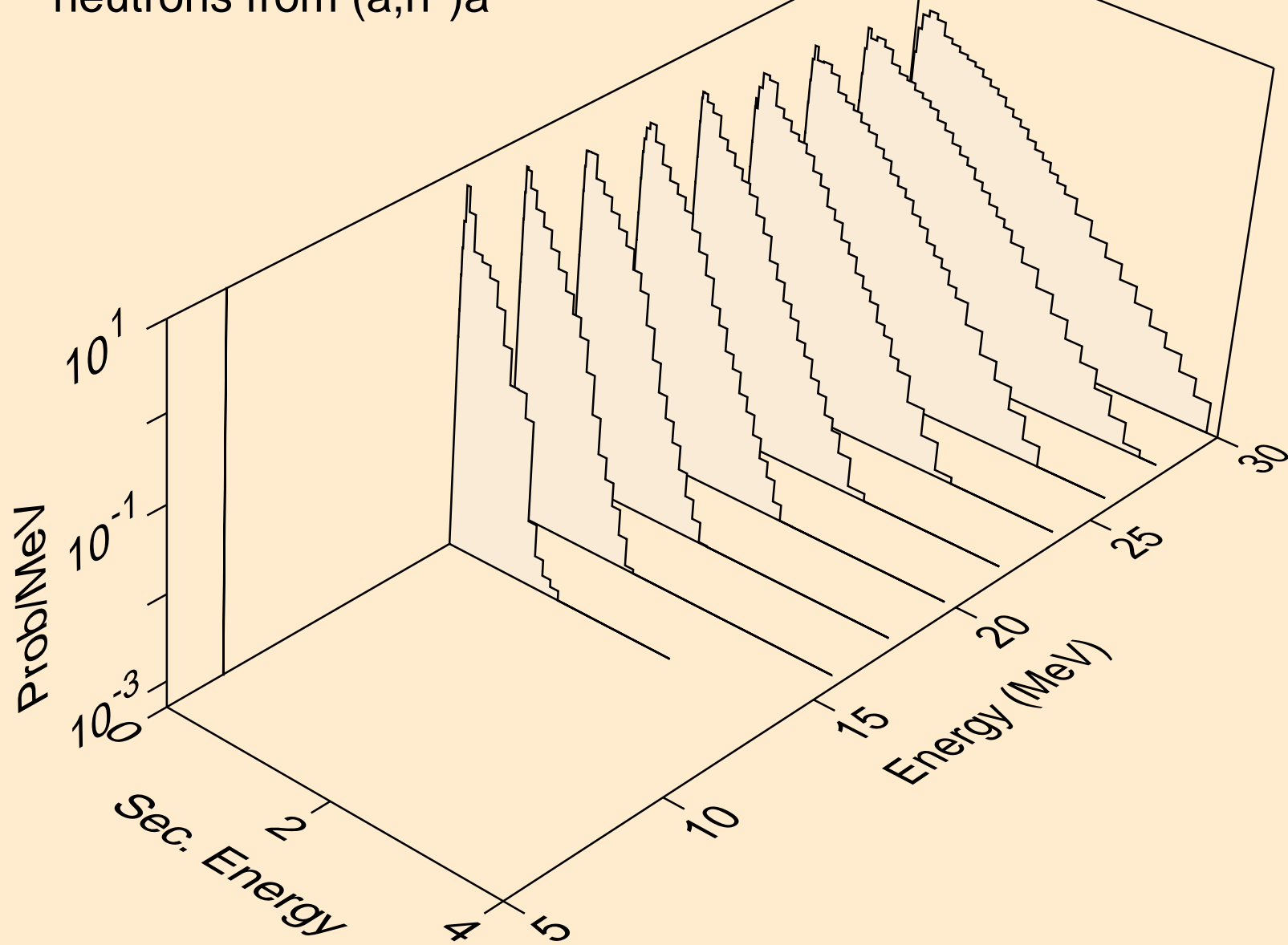


PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)

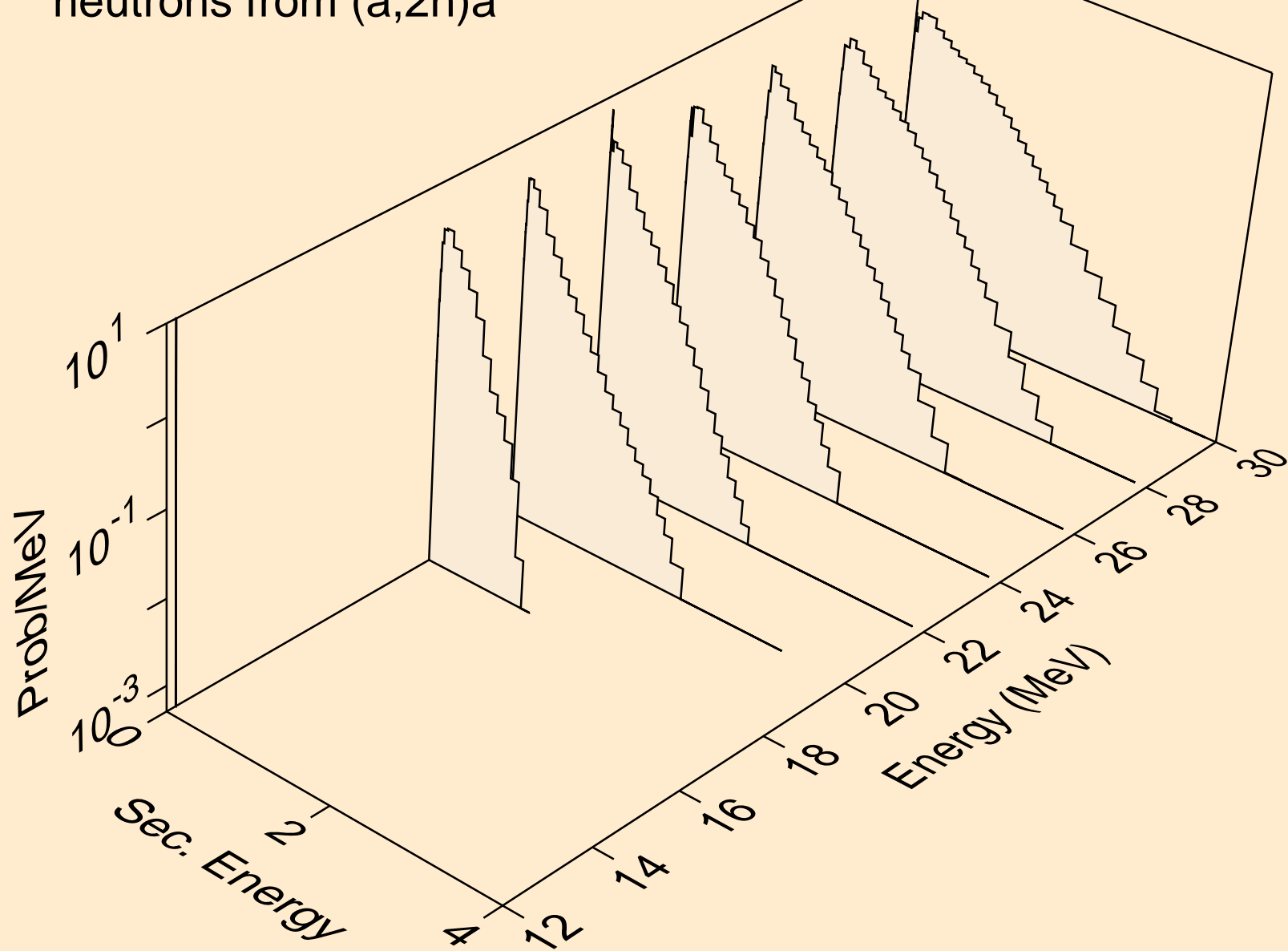




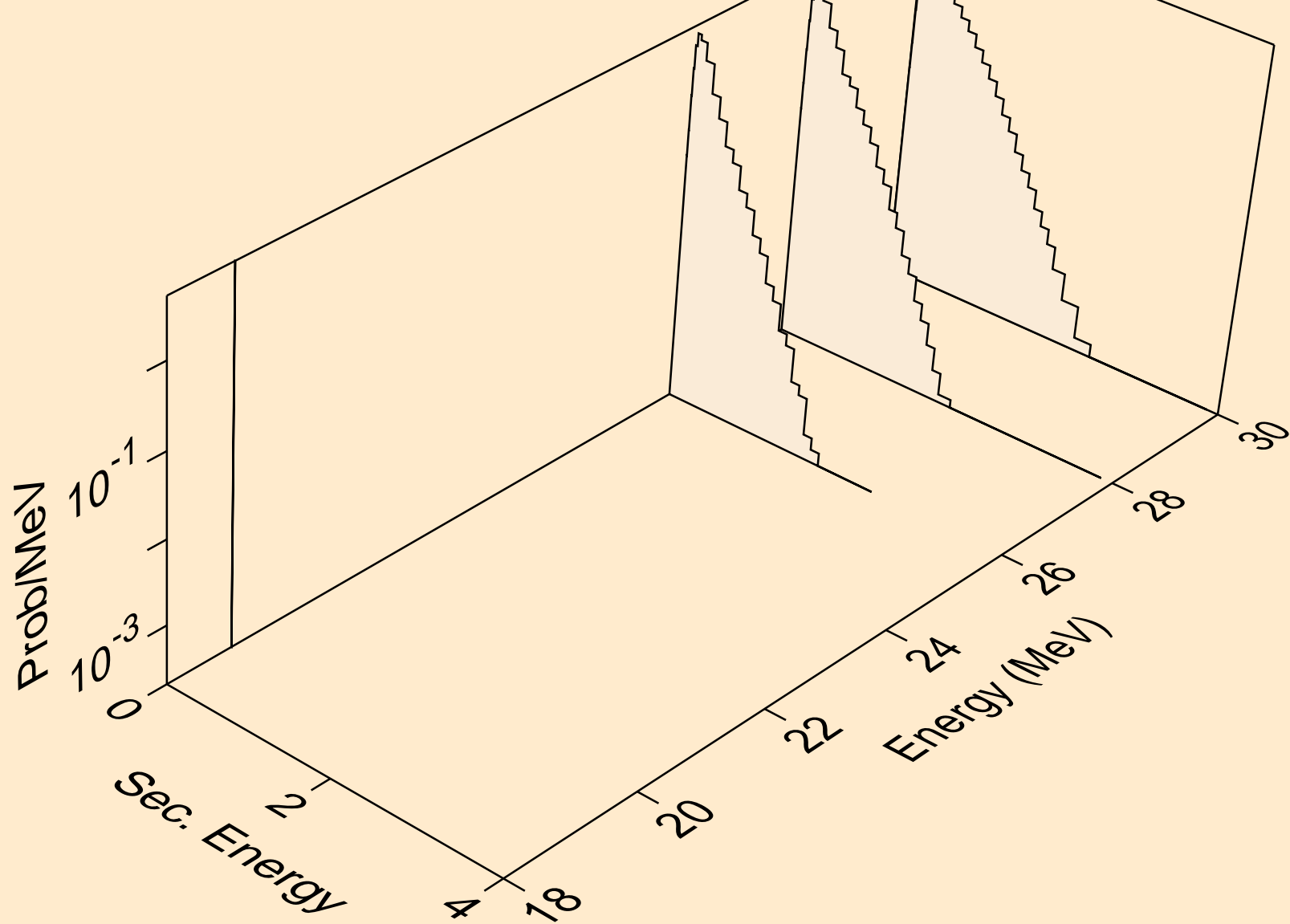
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



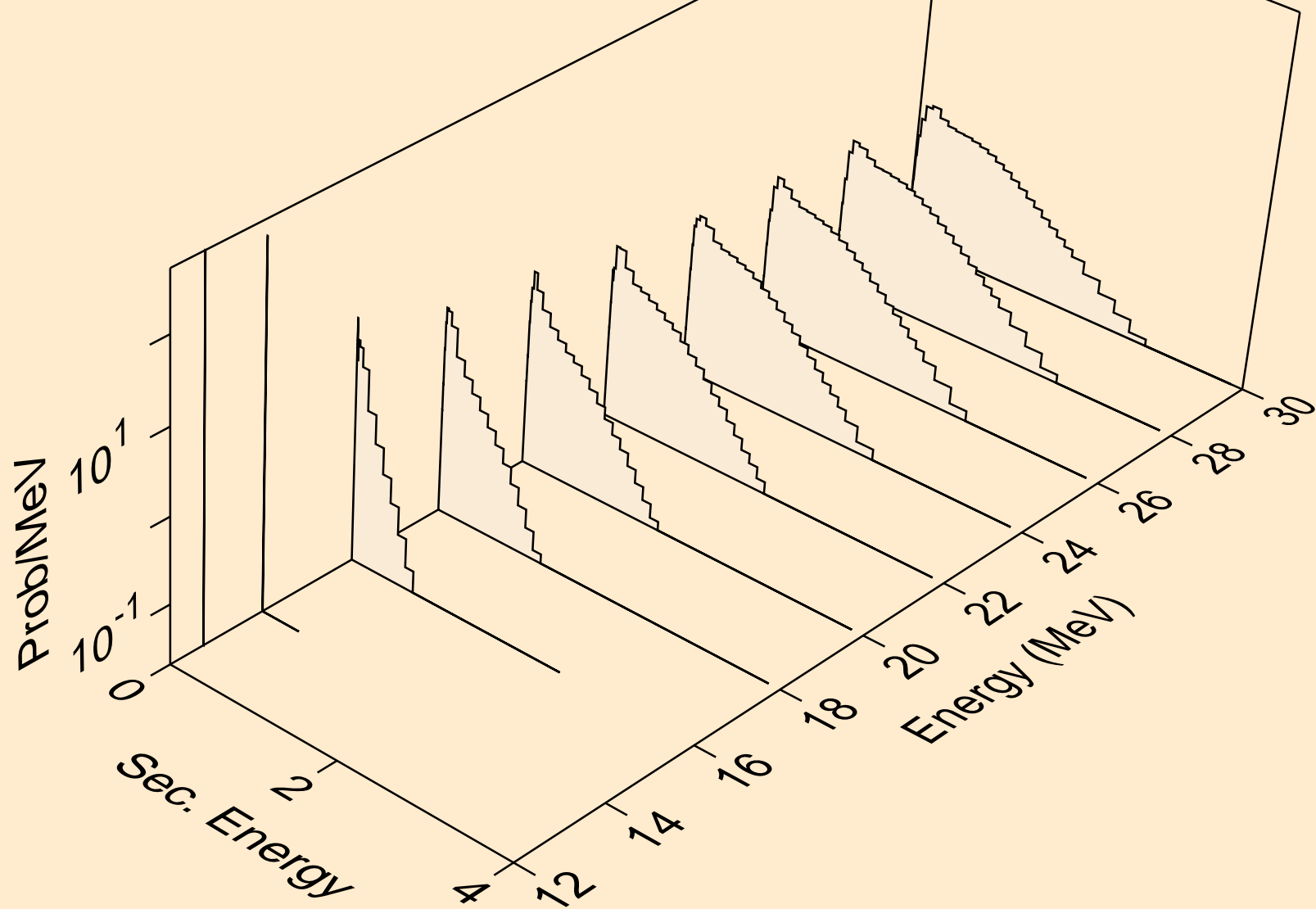
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



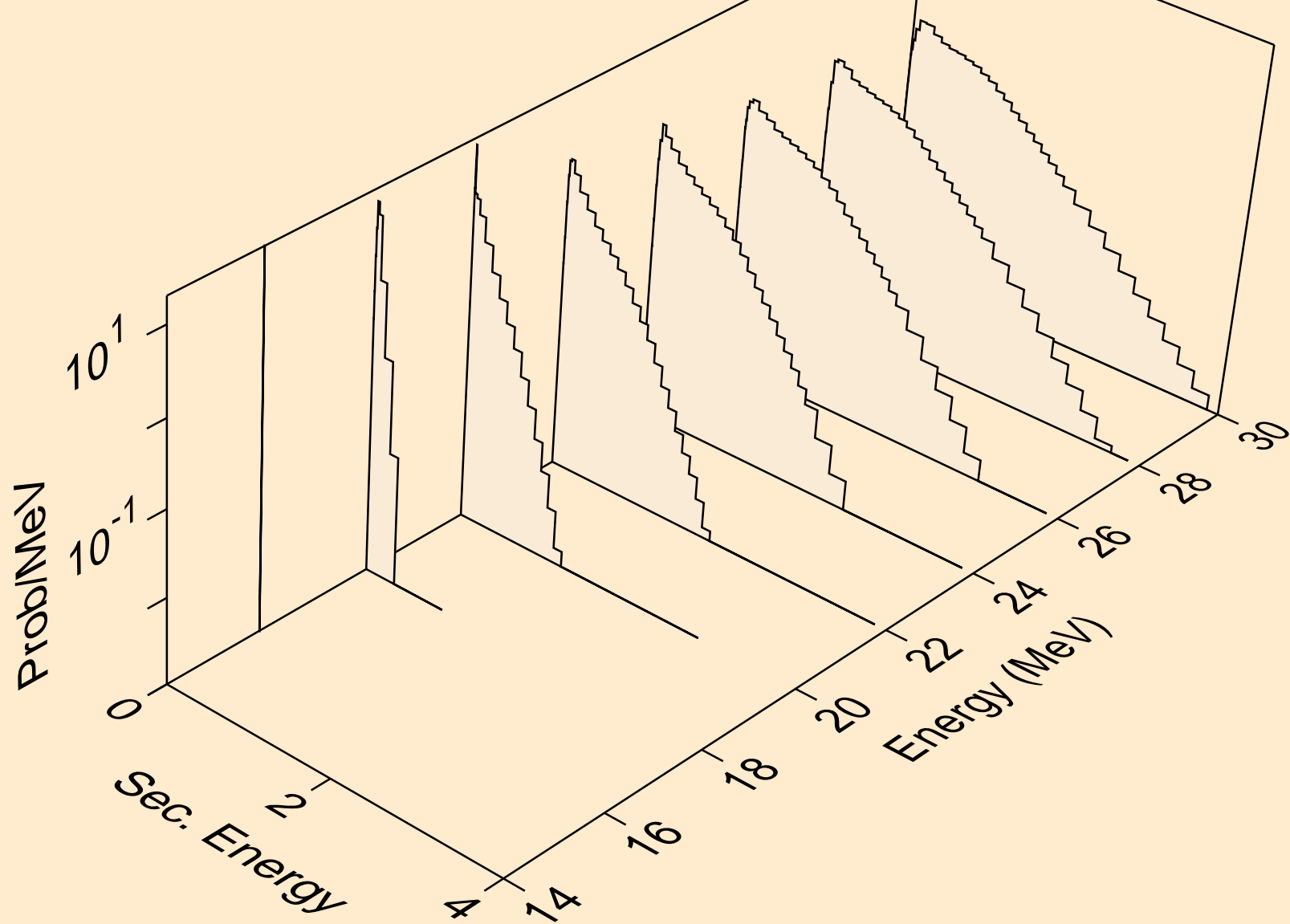
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



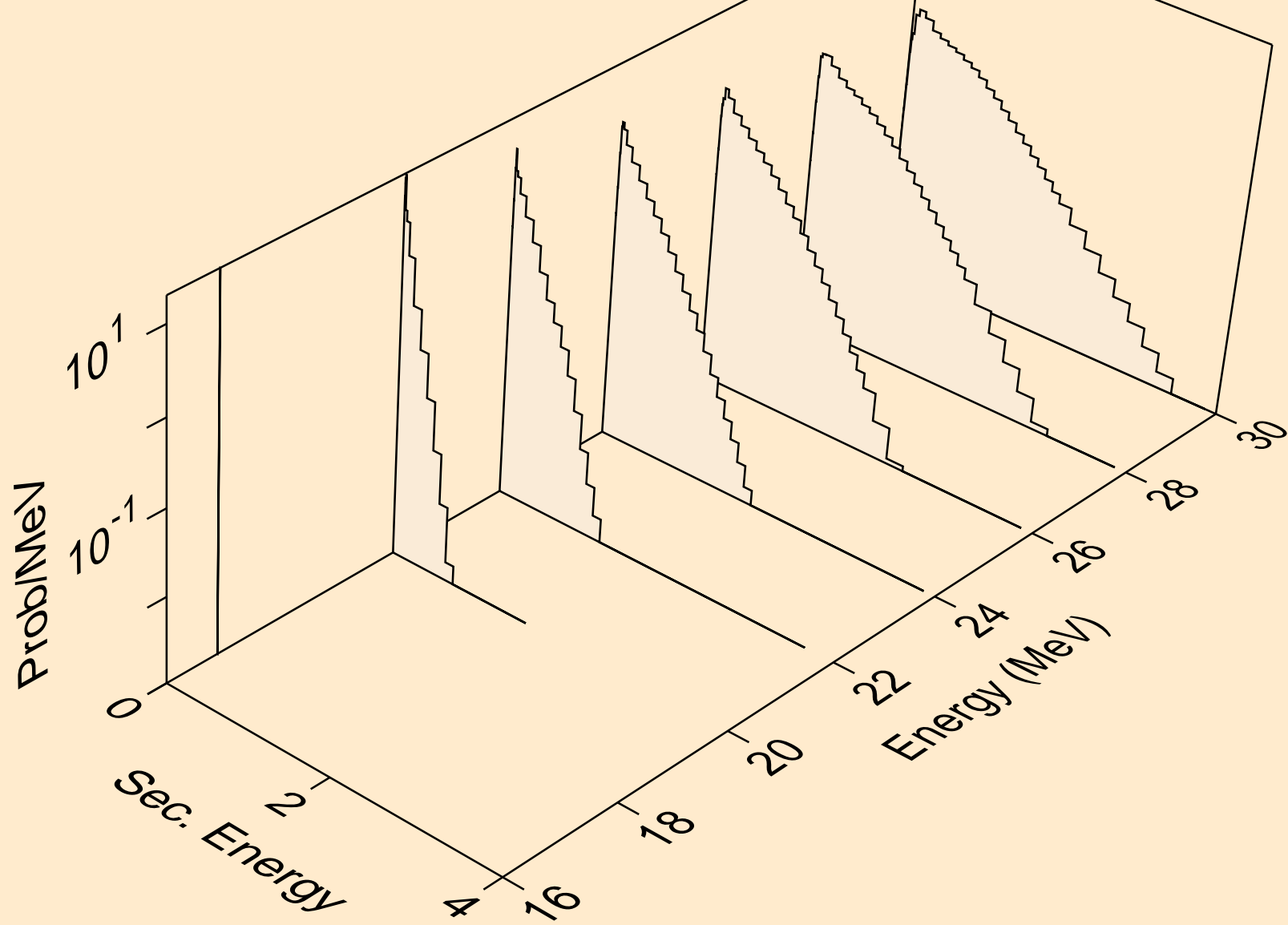
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



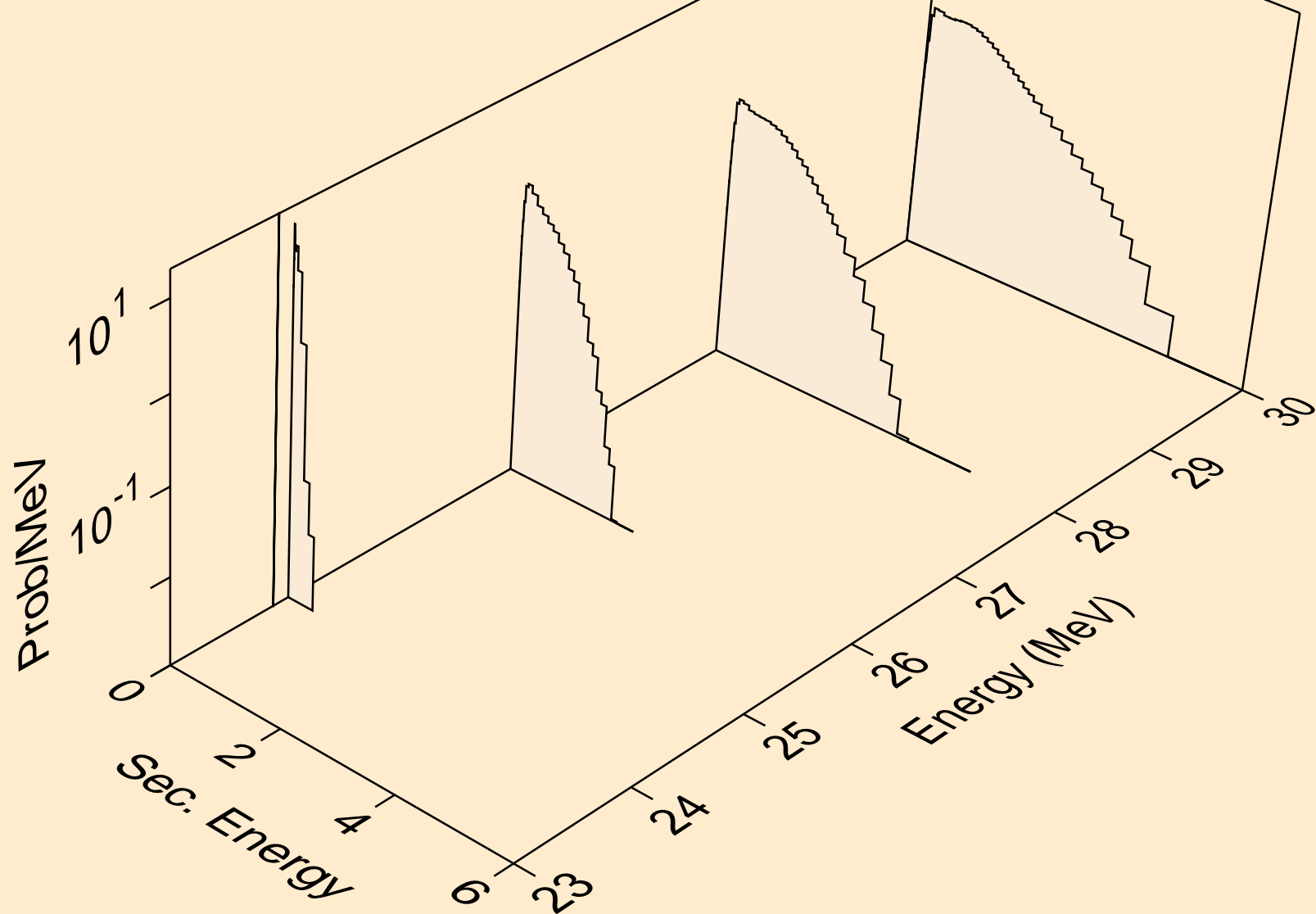
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



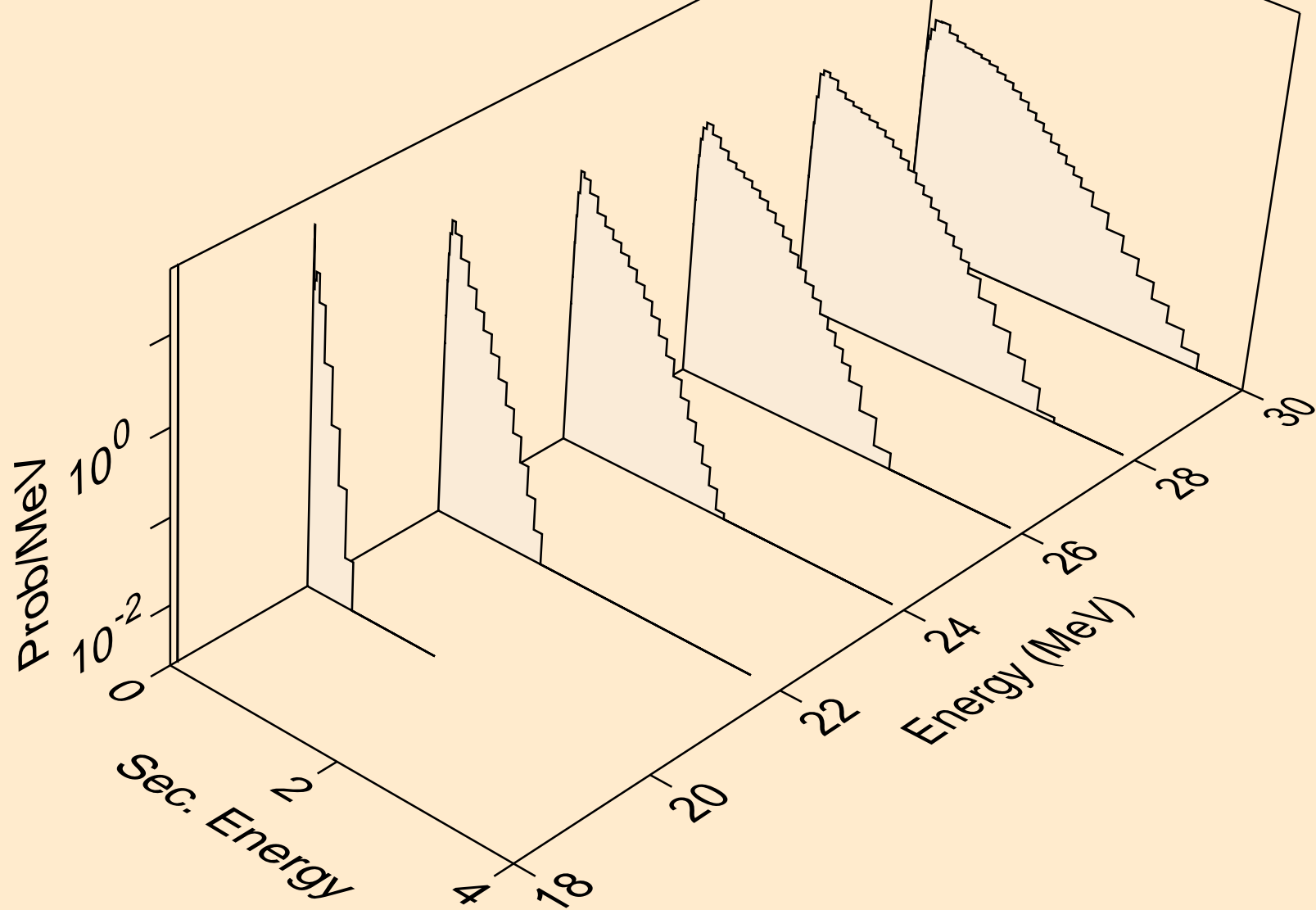
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)

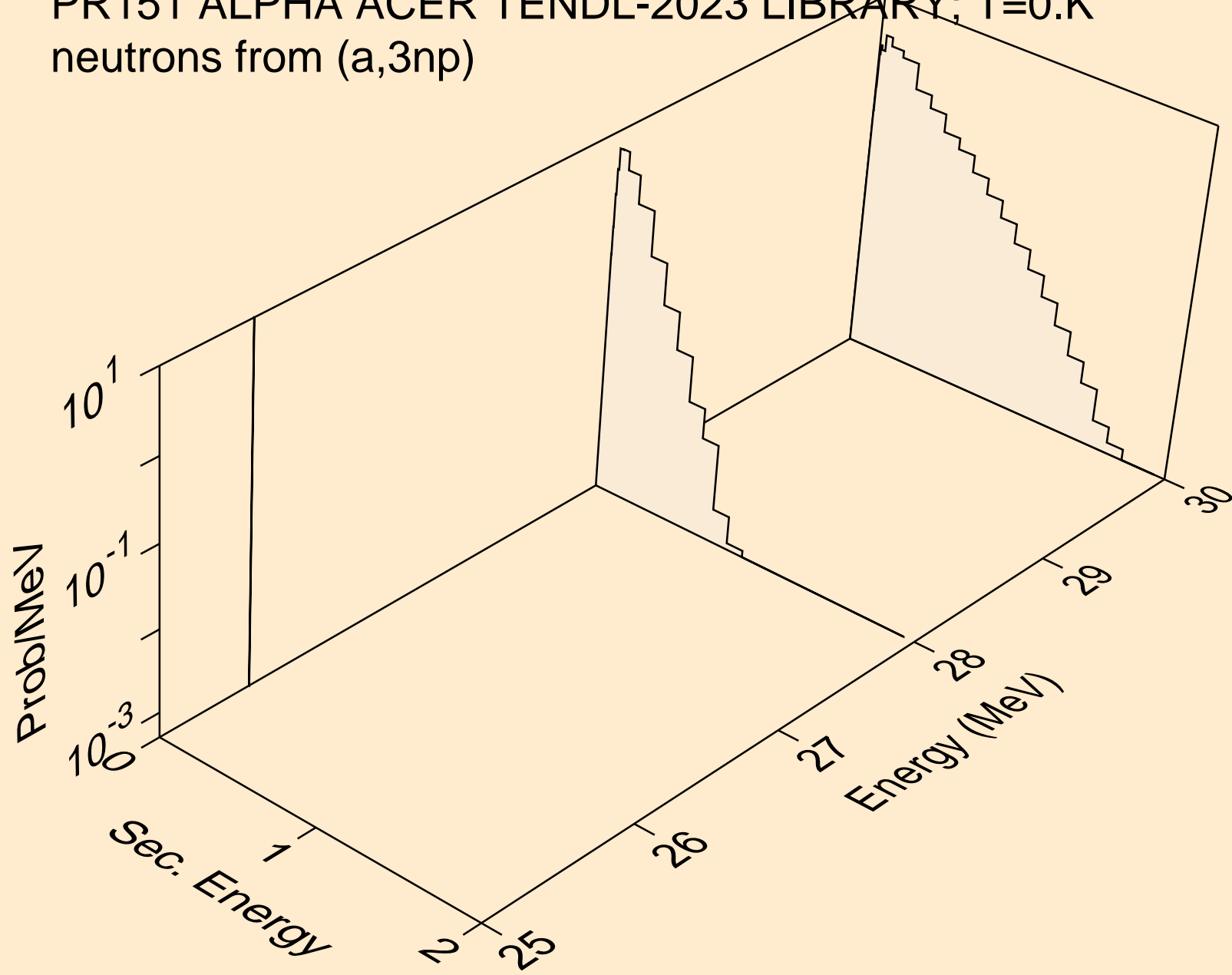


PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

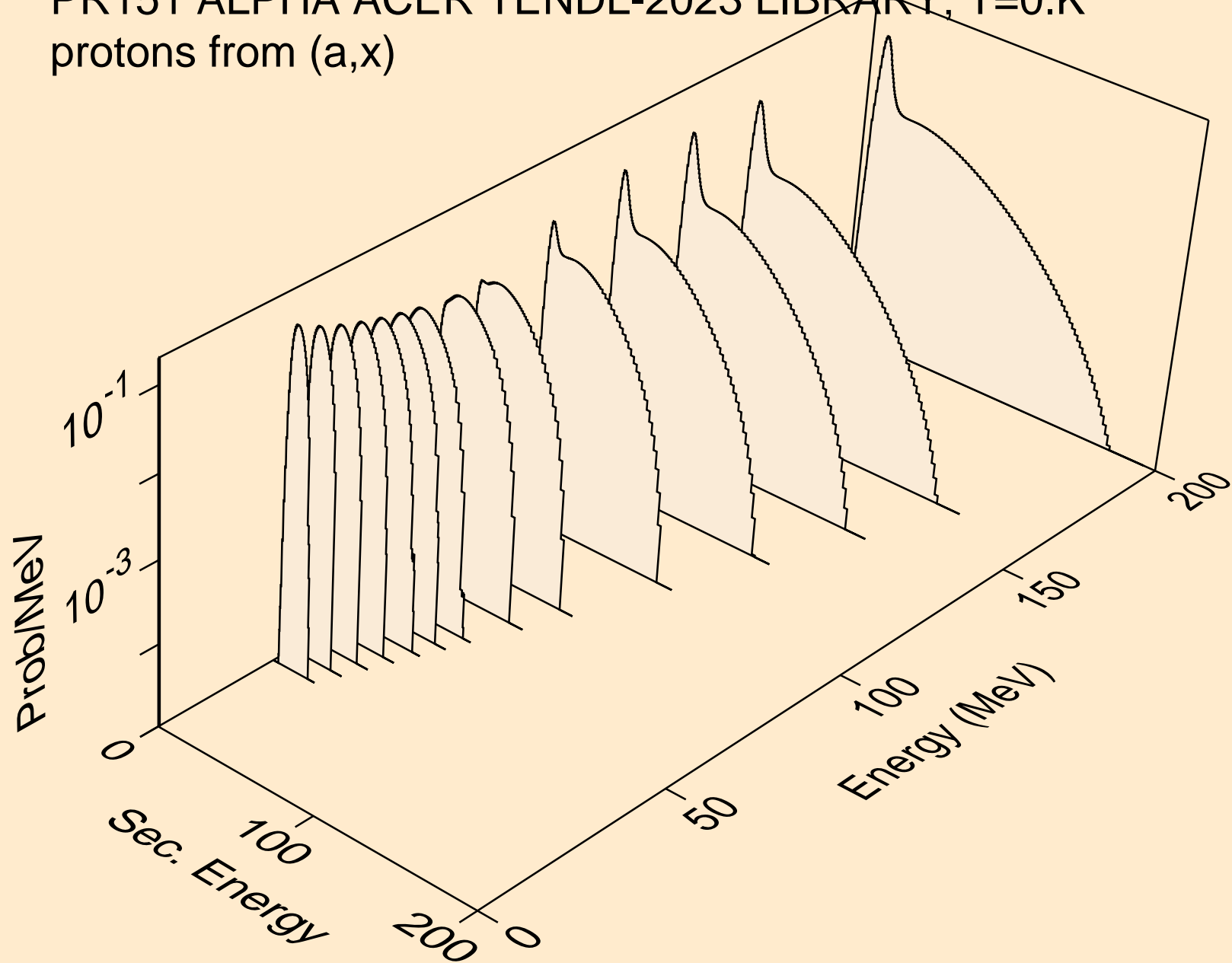




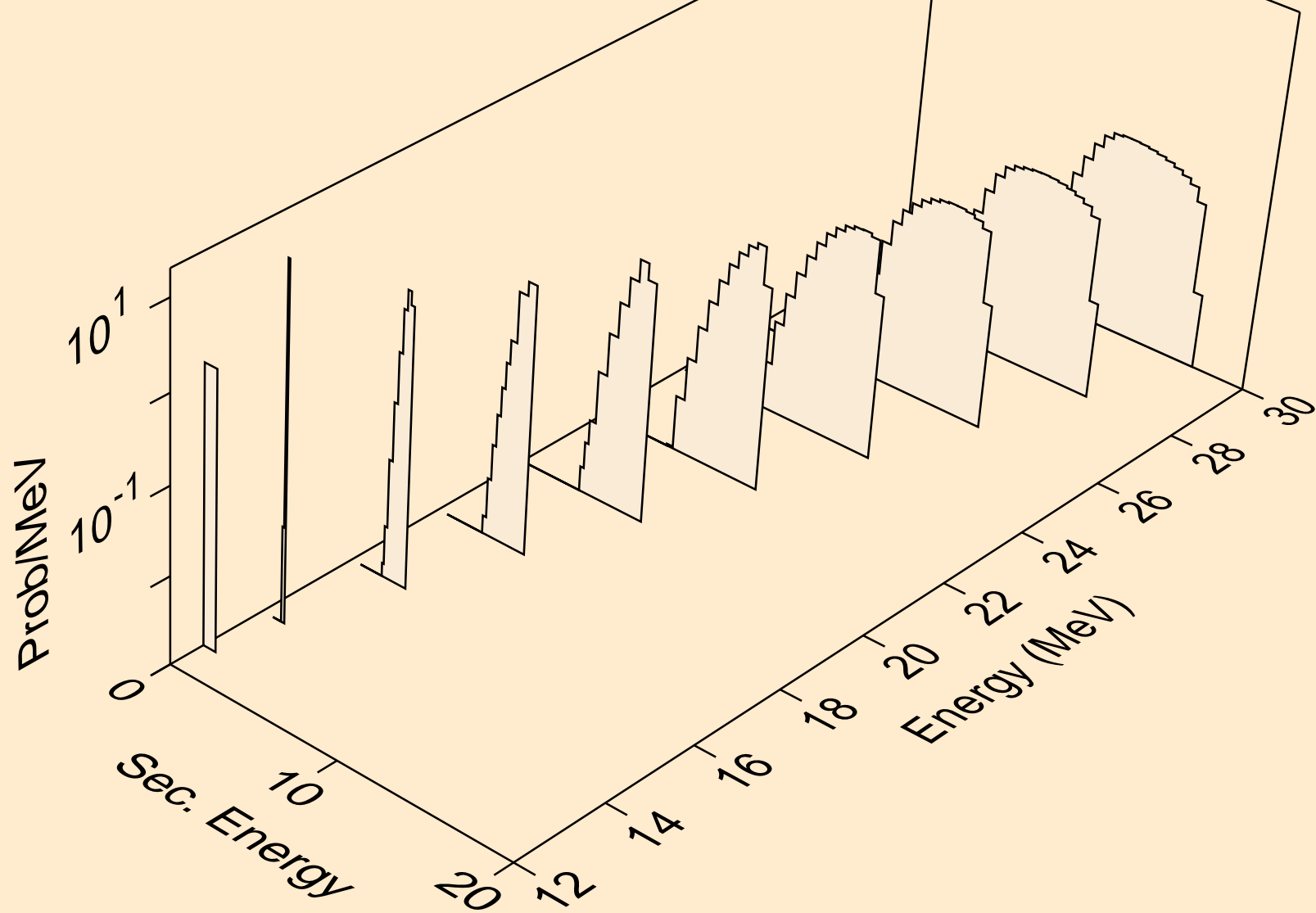
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



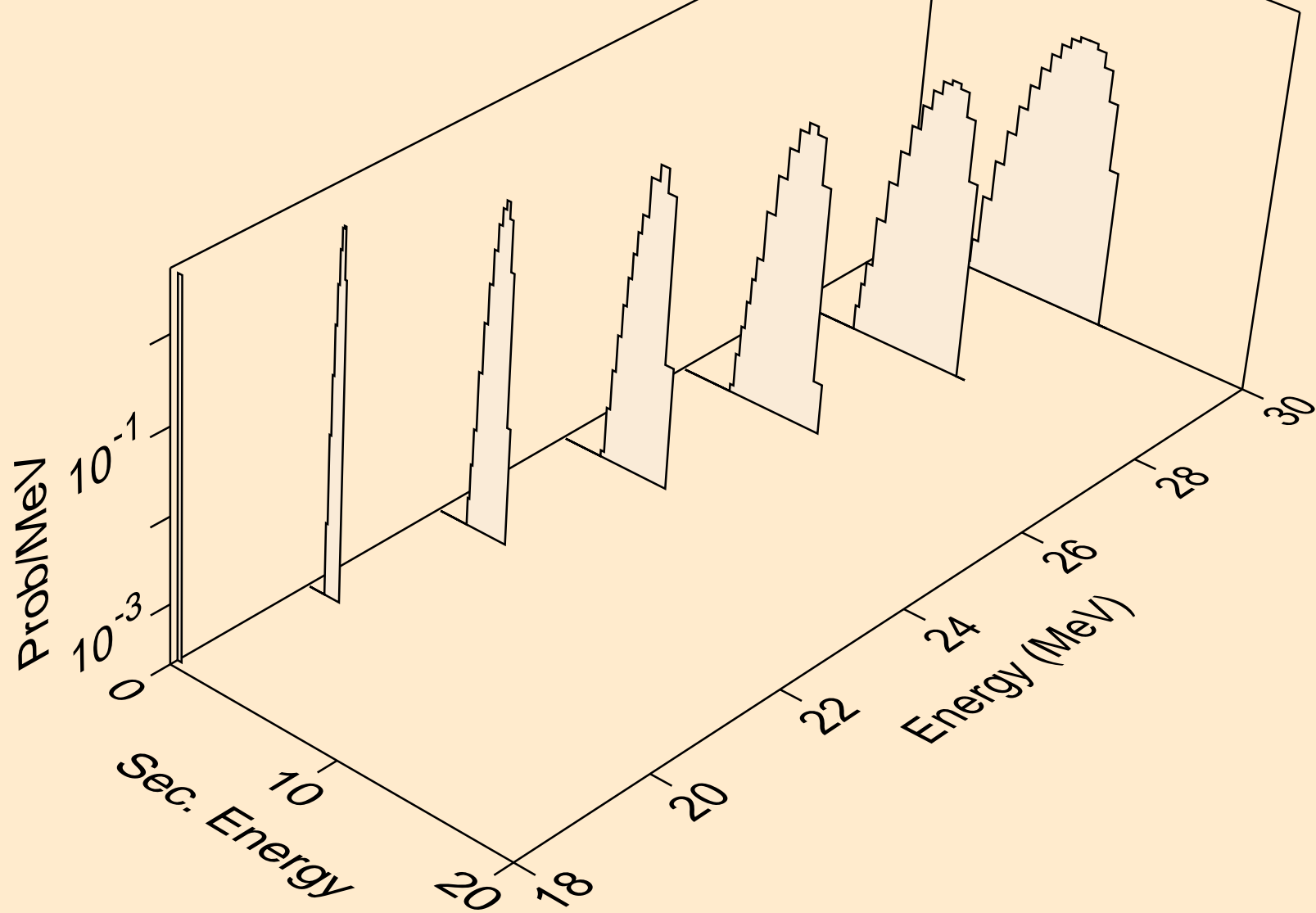
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



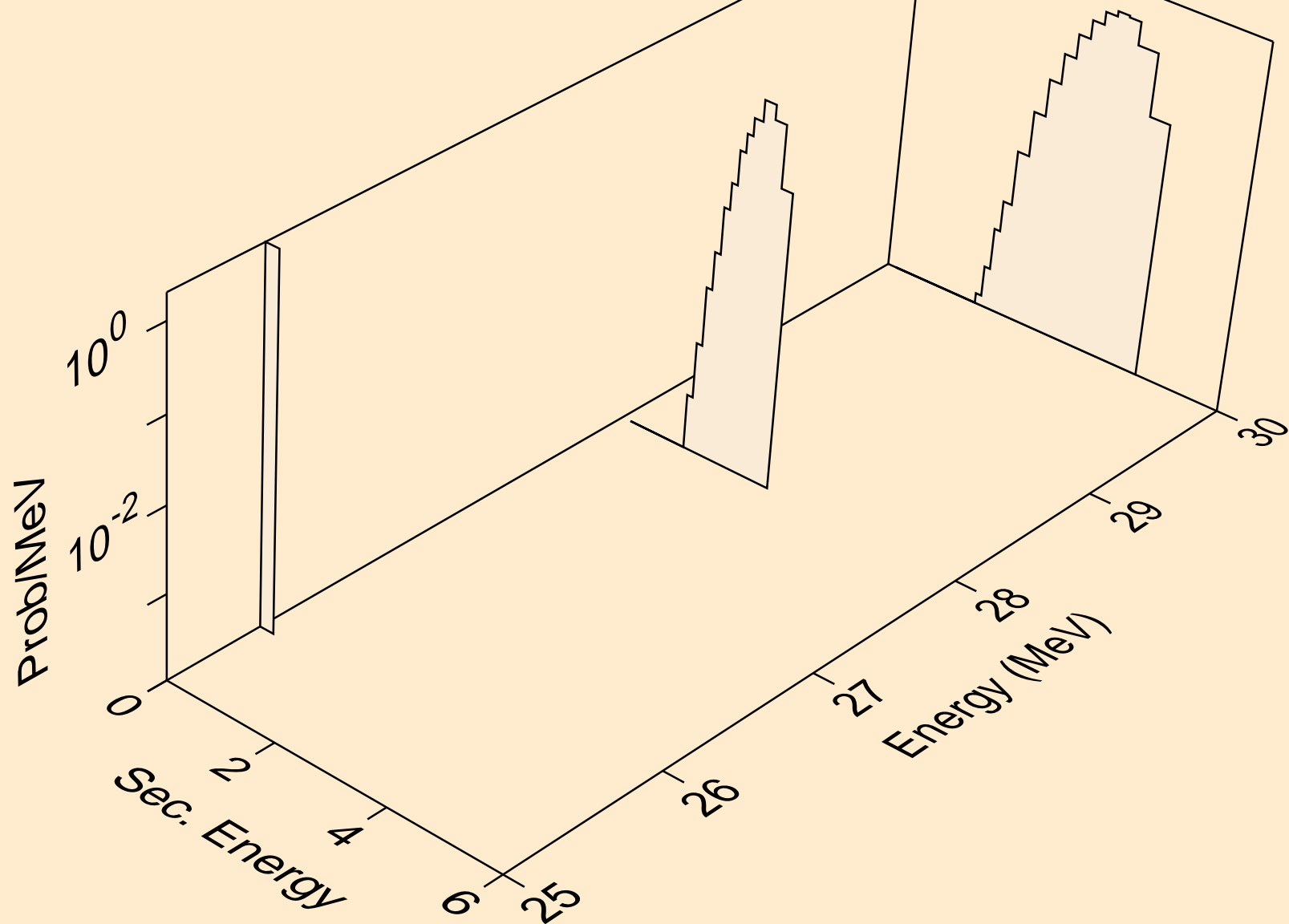
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



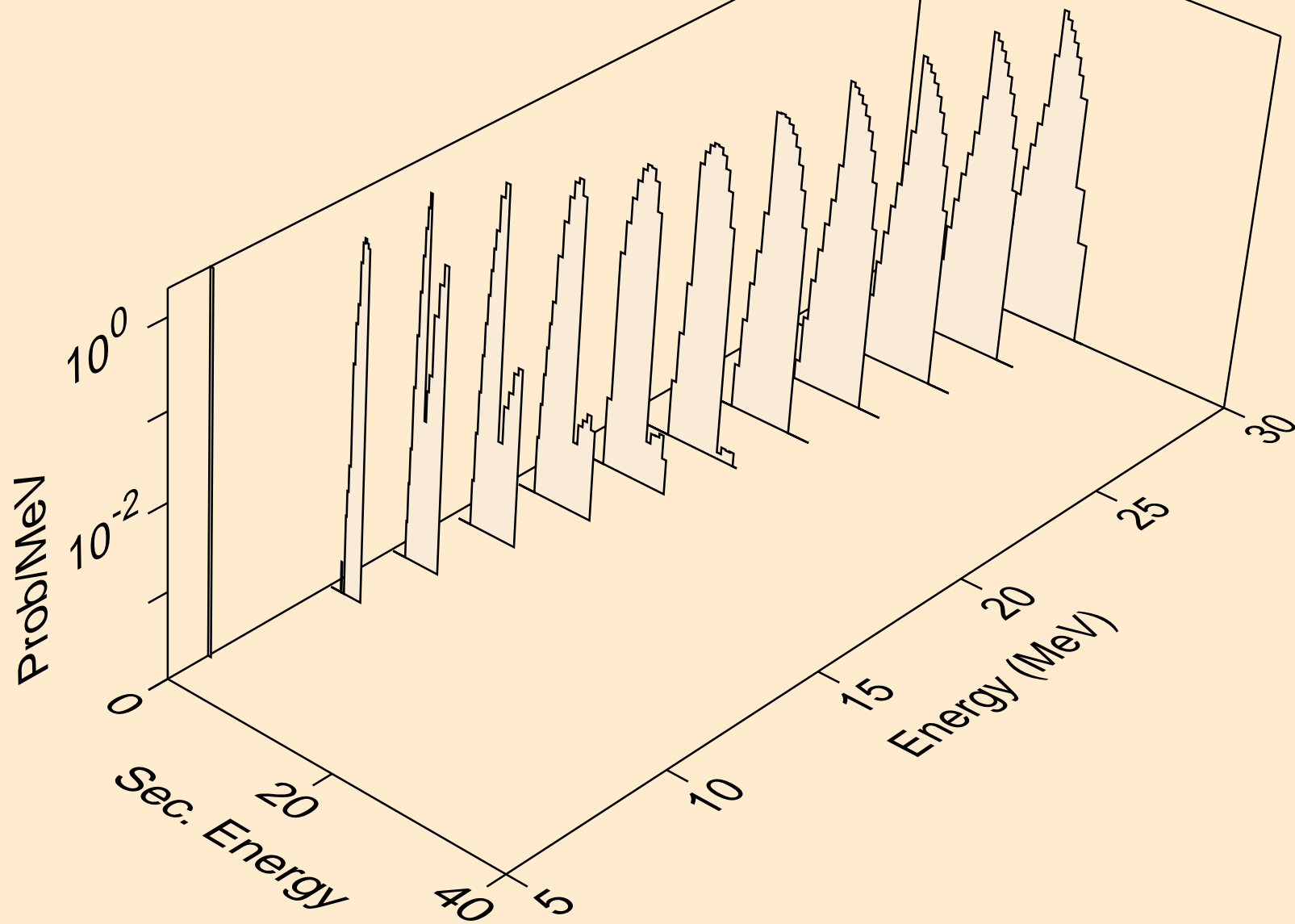
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



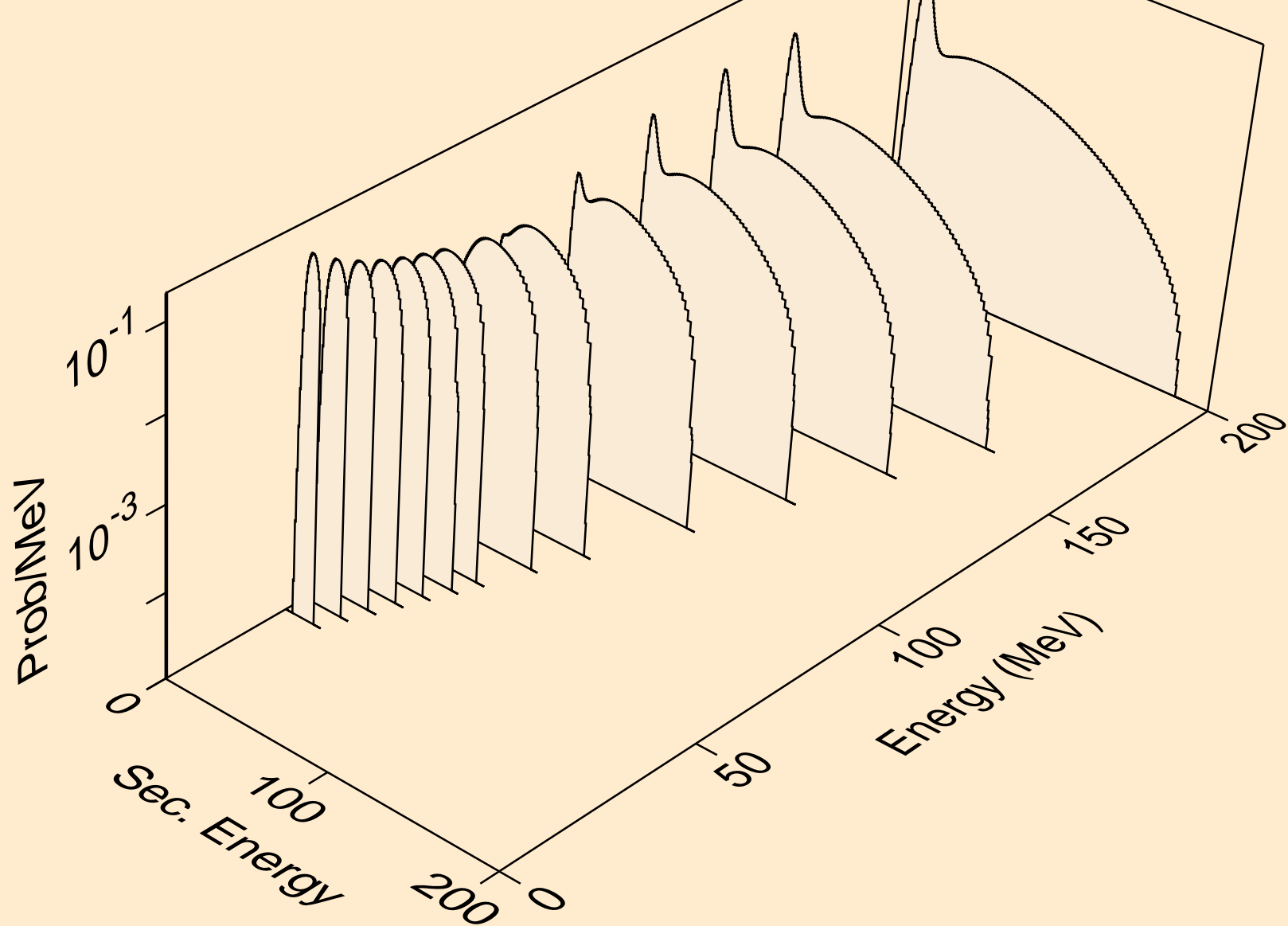
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protons from (a,3np)



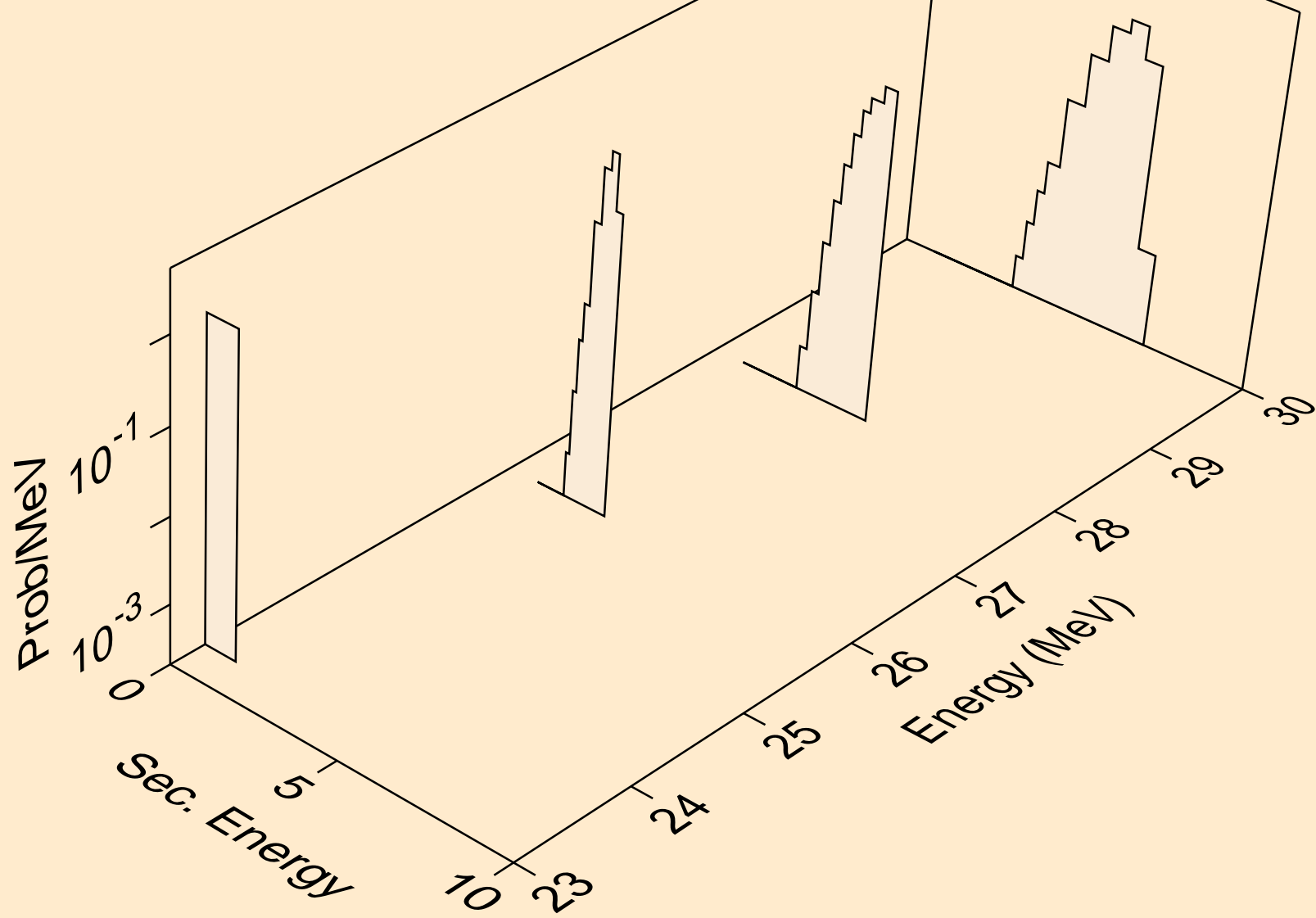
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

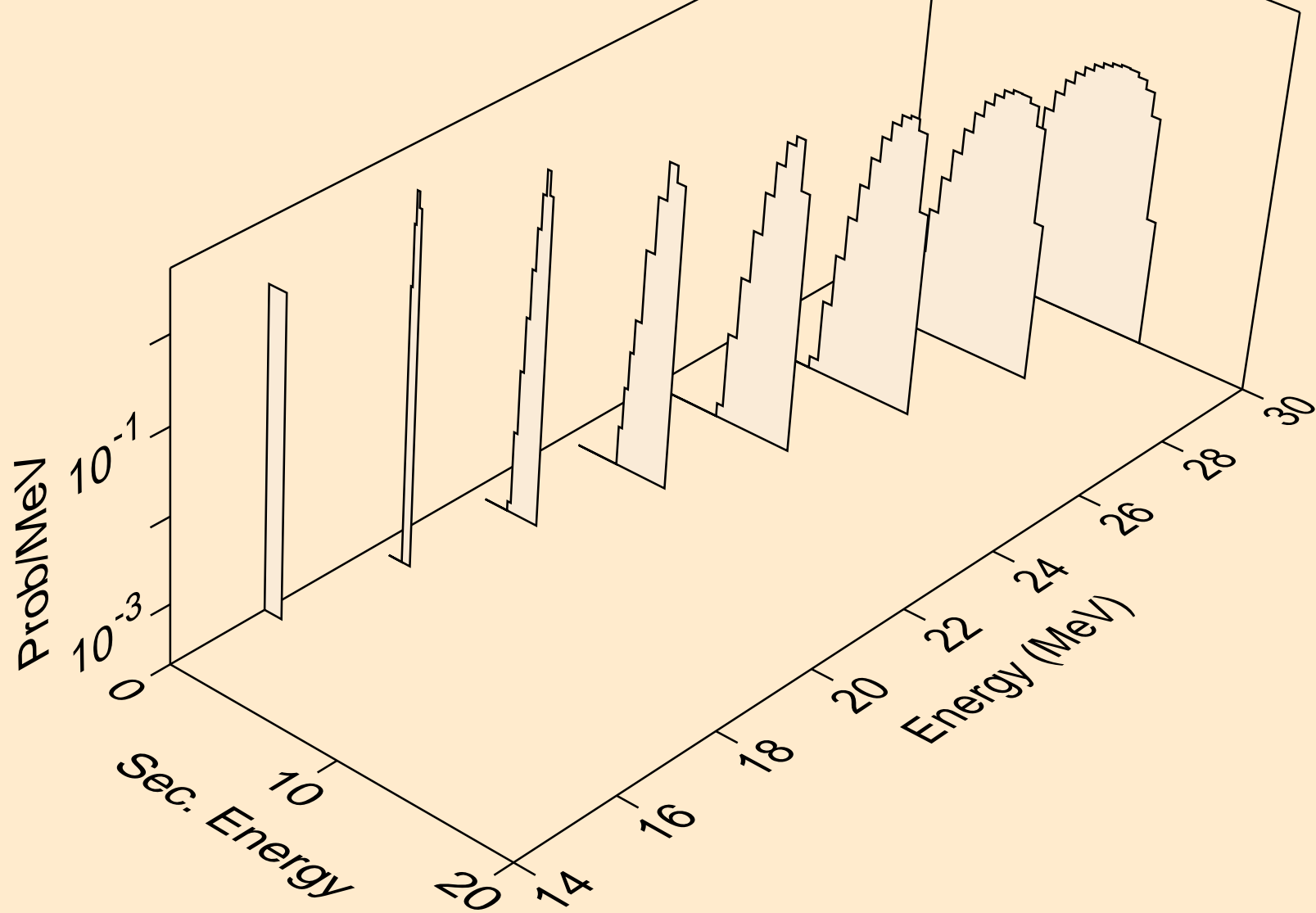


PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)

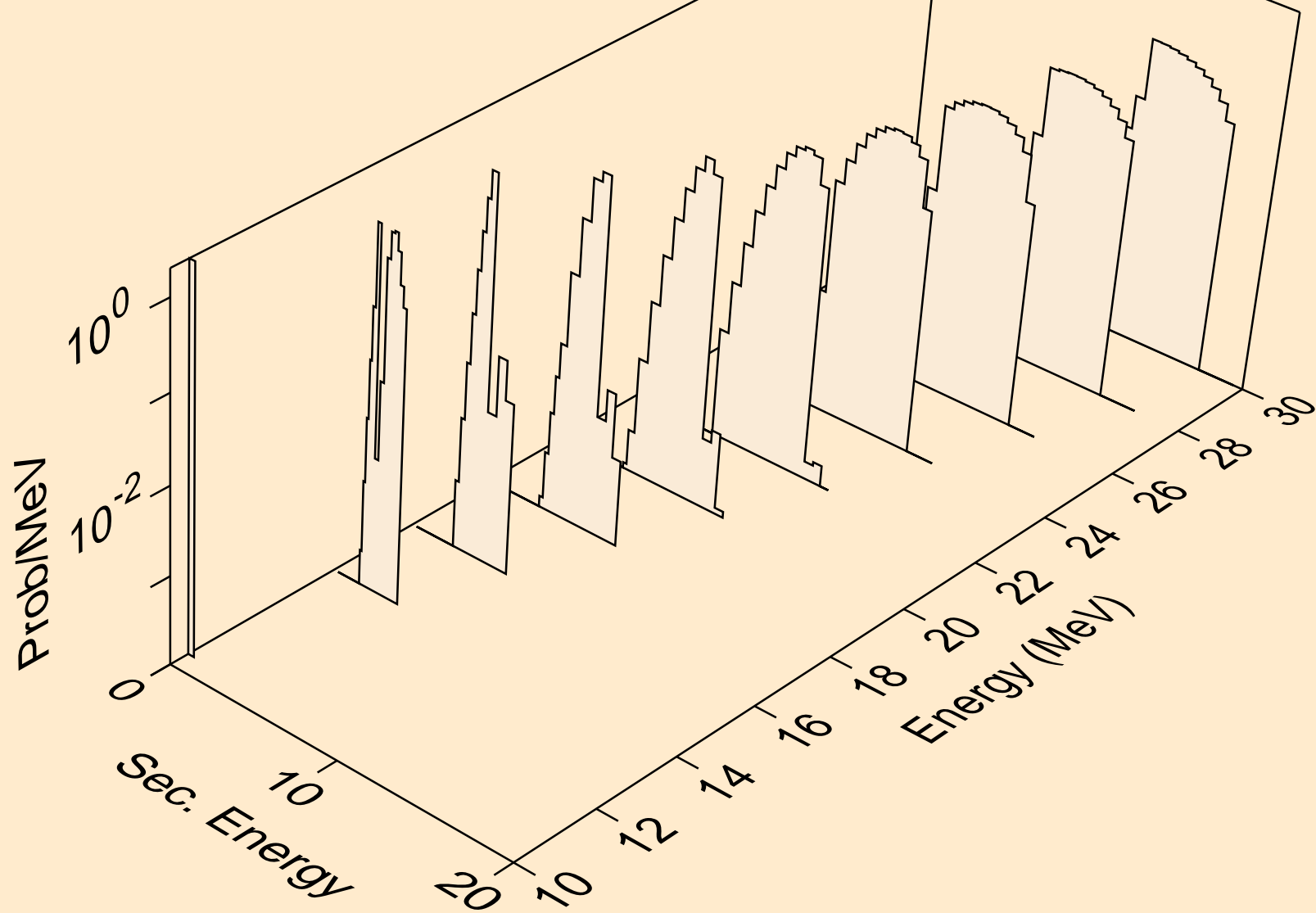




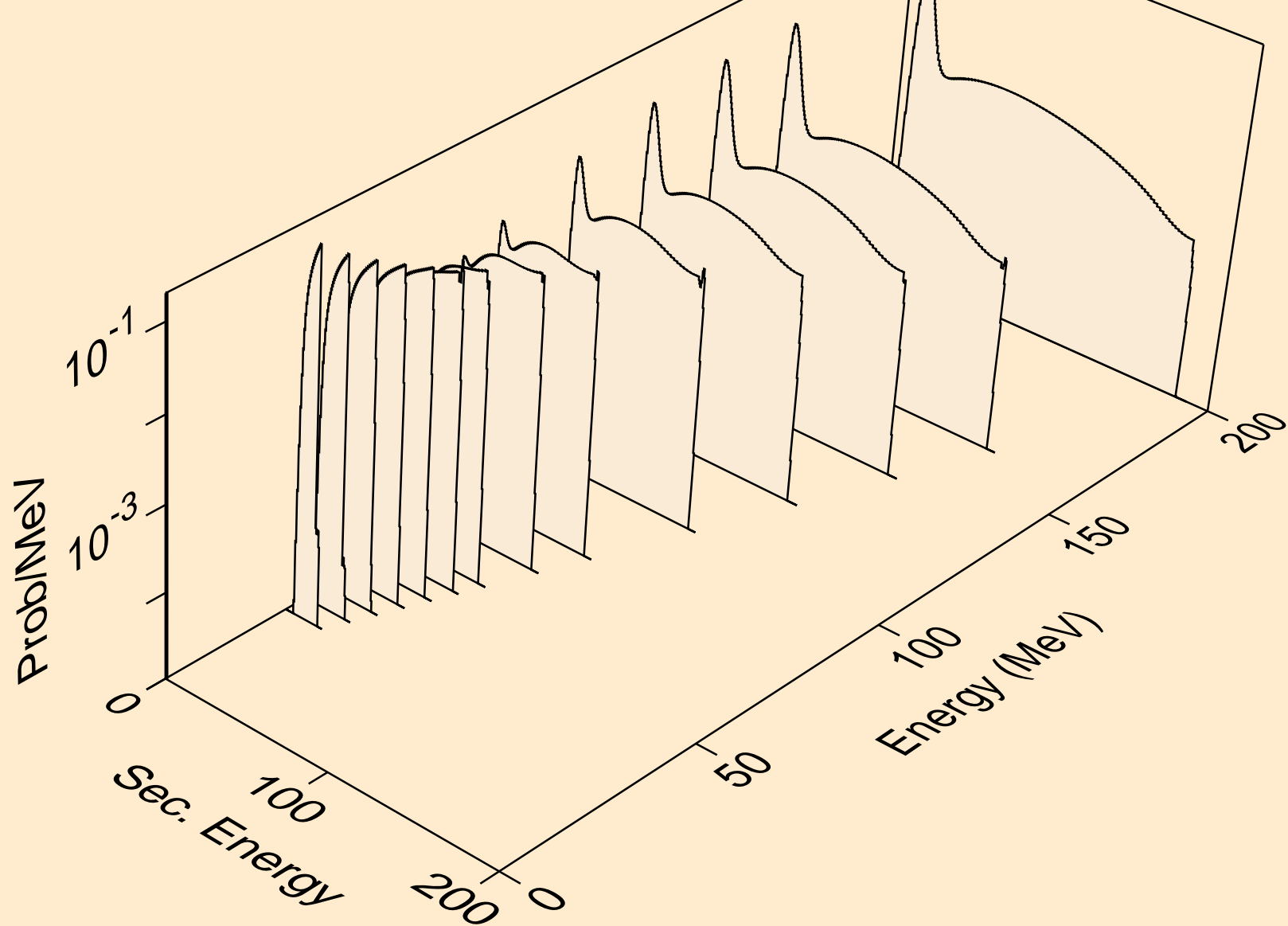
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



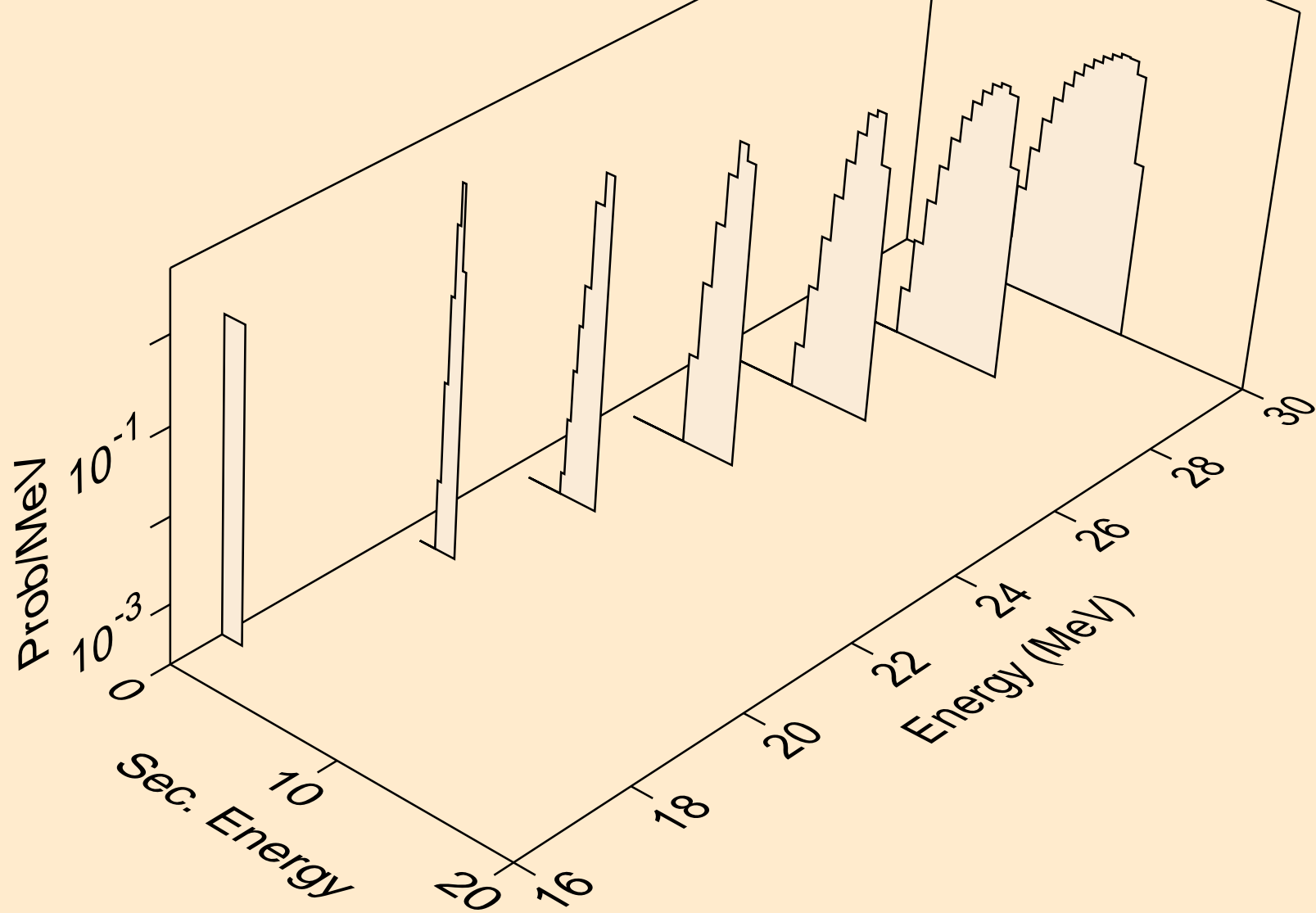
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



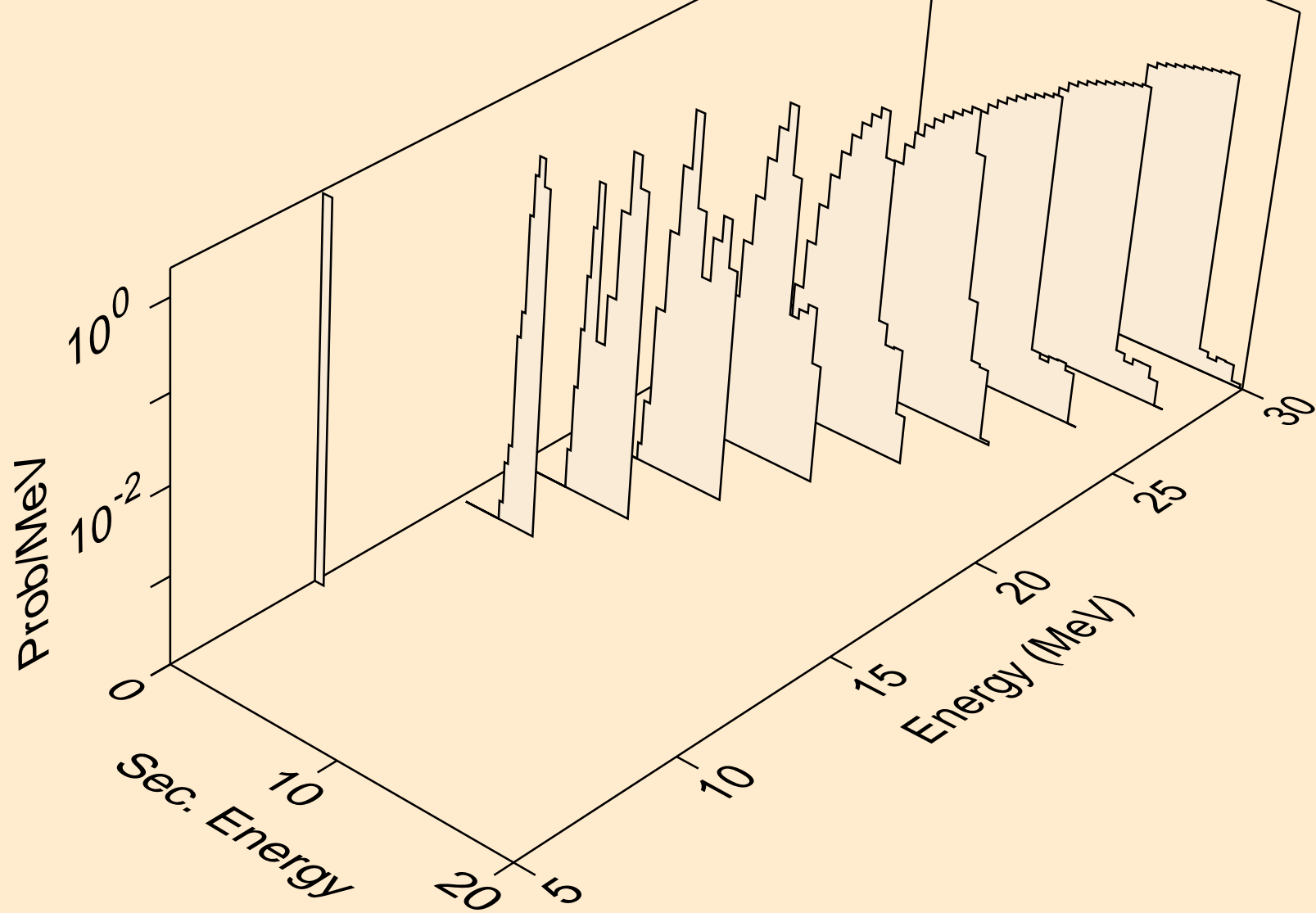
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



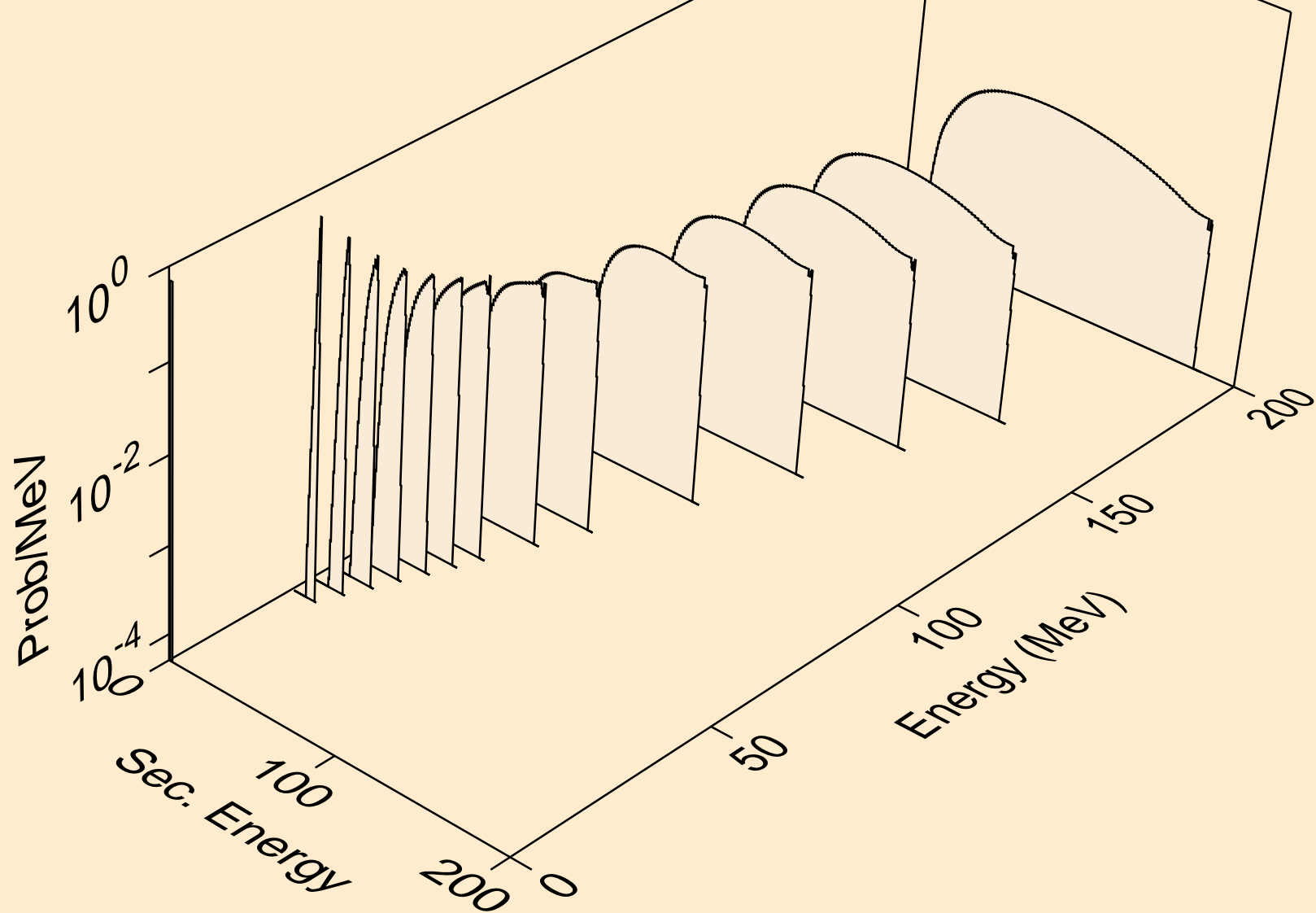
PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



PR151 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

