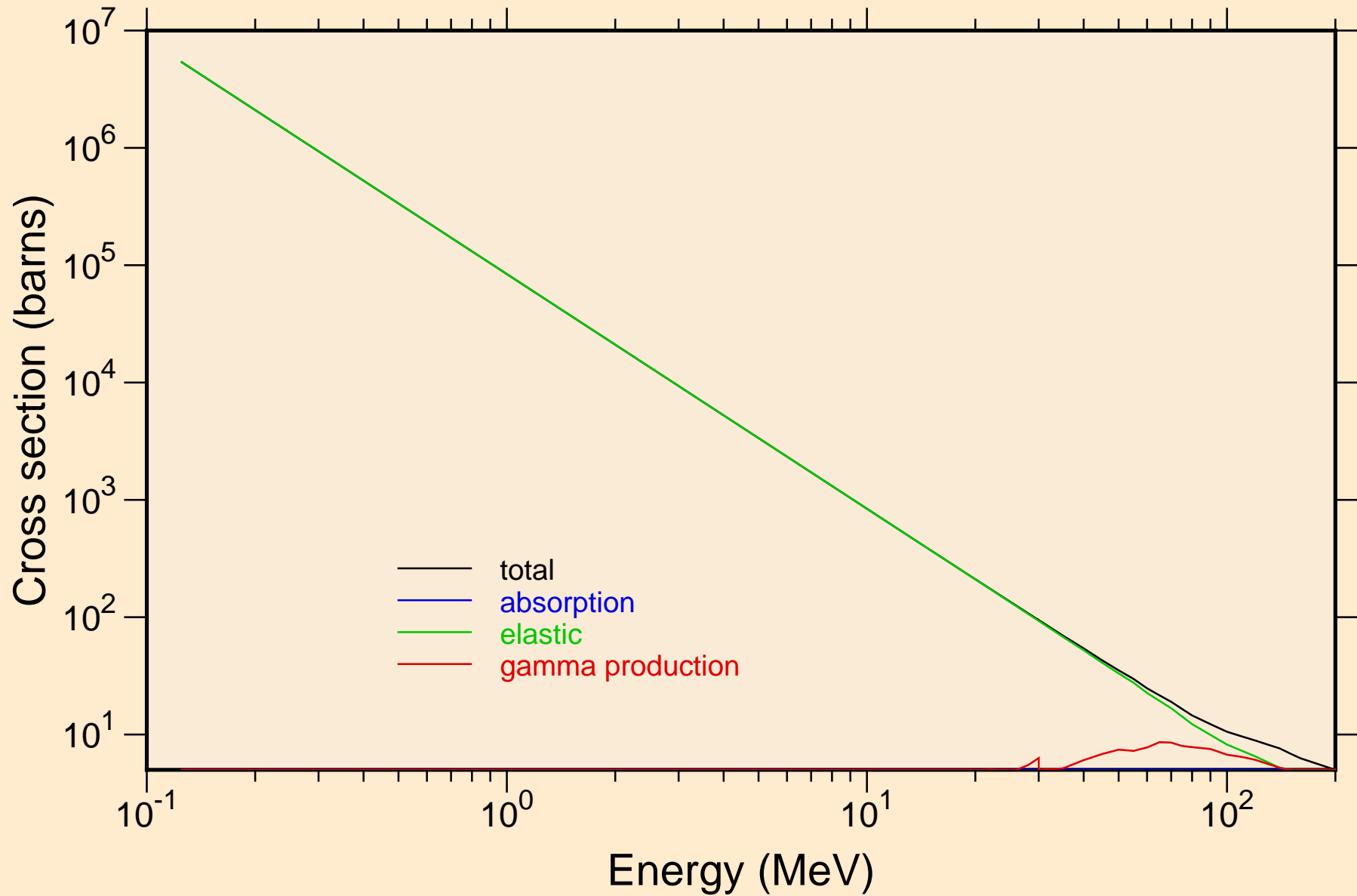


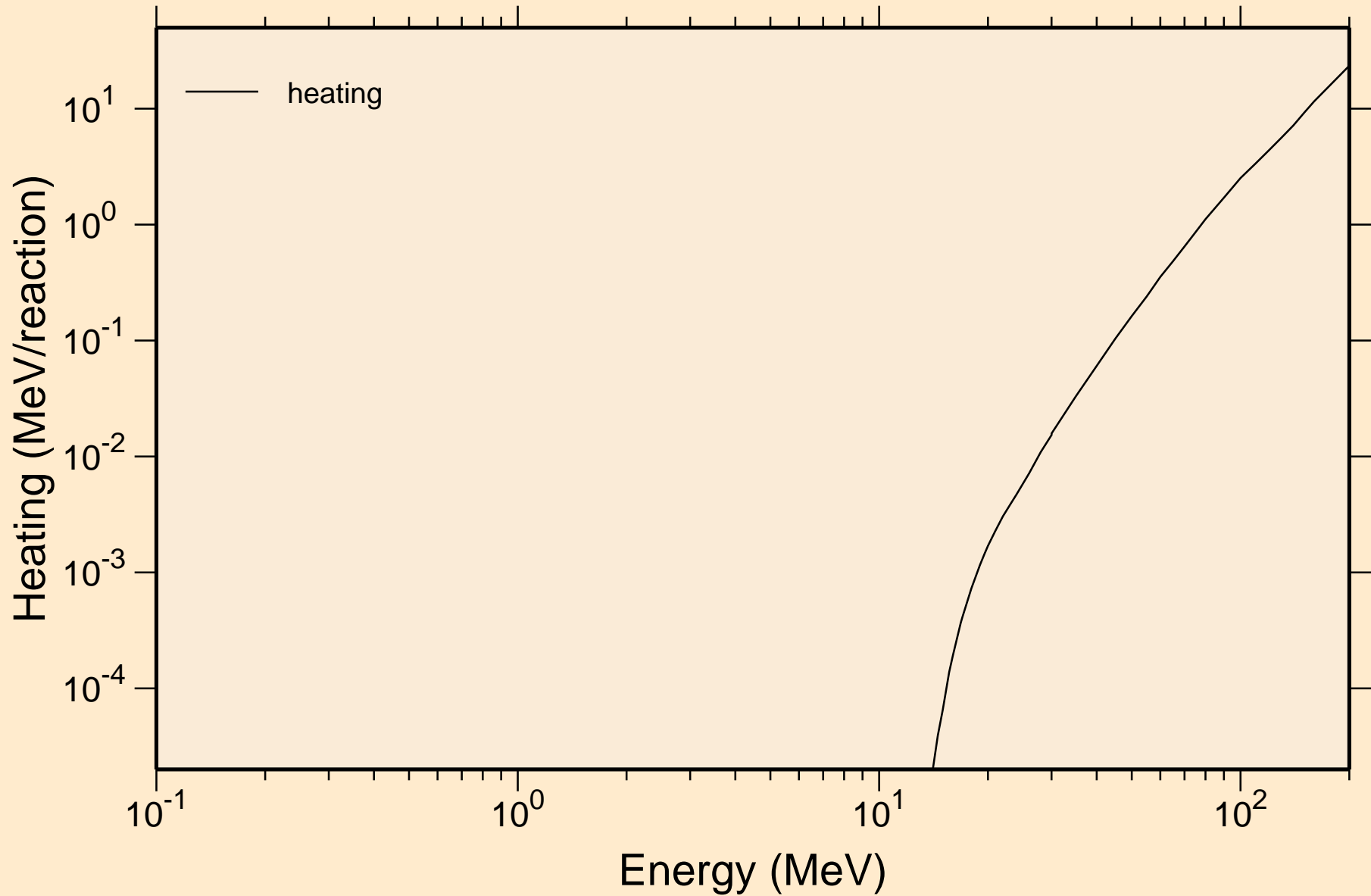
# LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



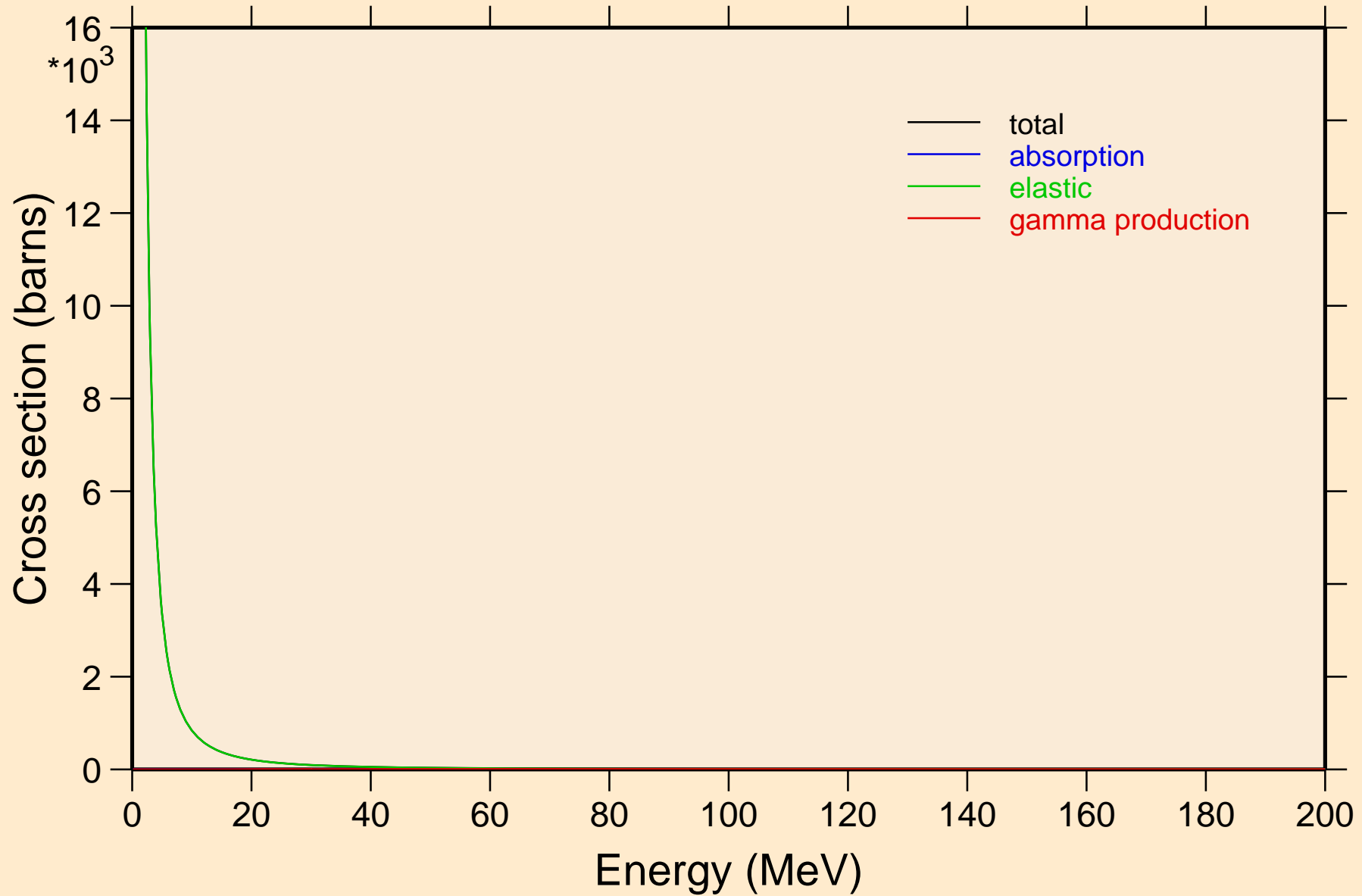
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



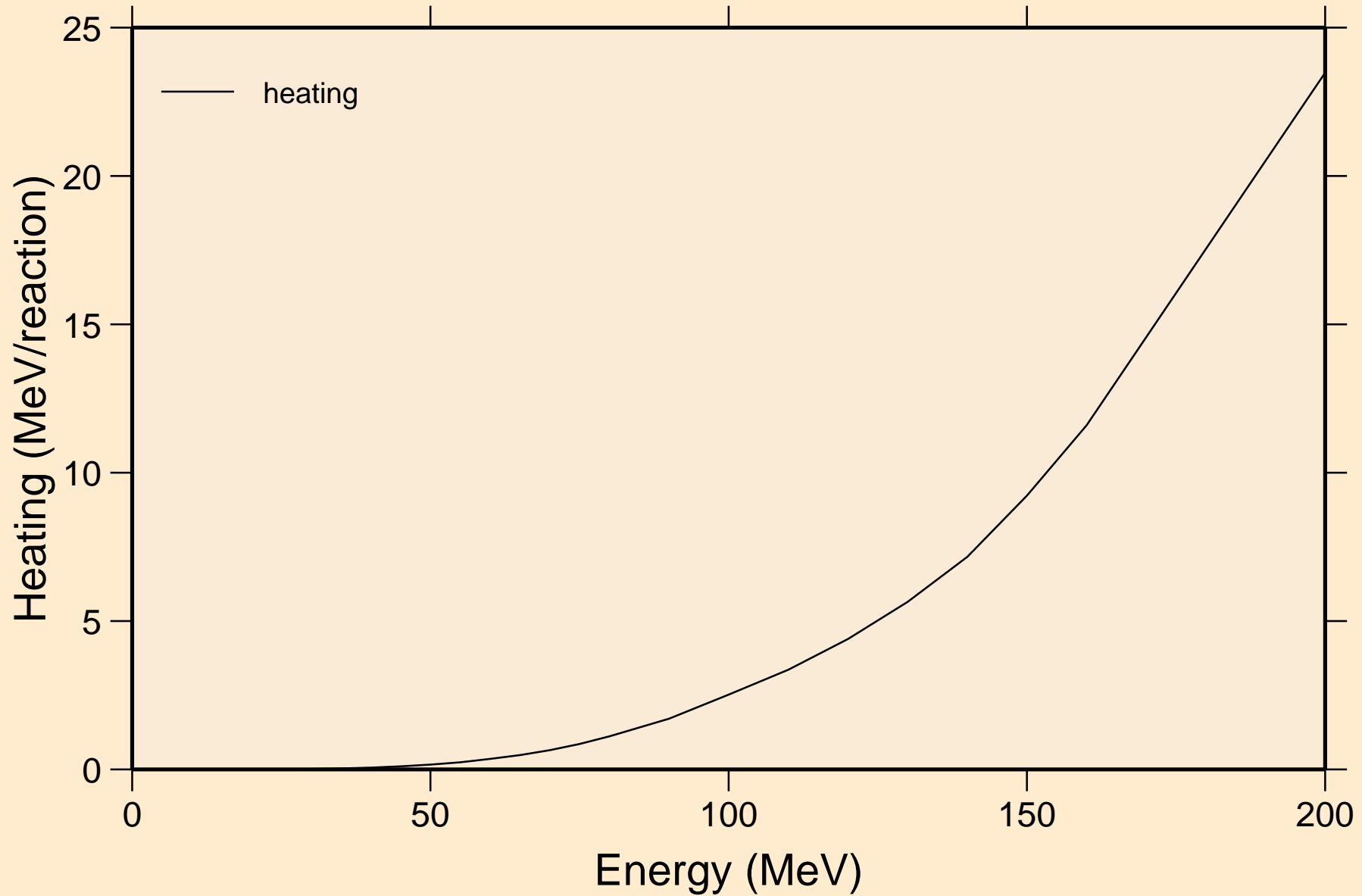
# LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



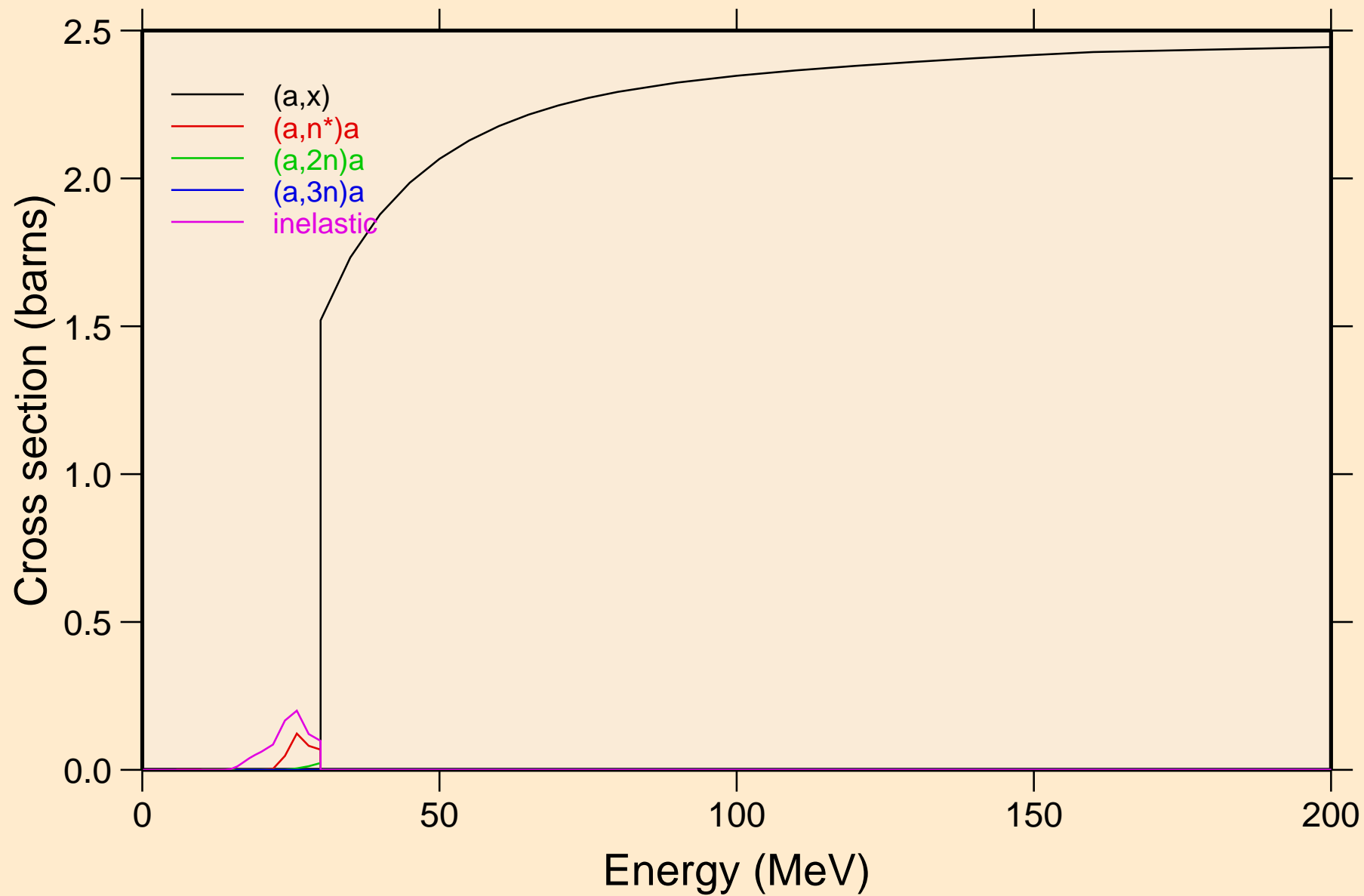
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

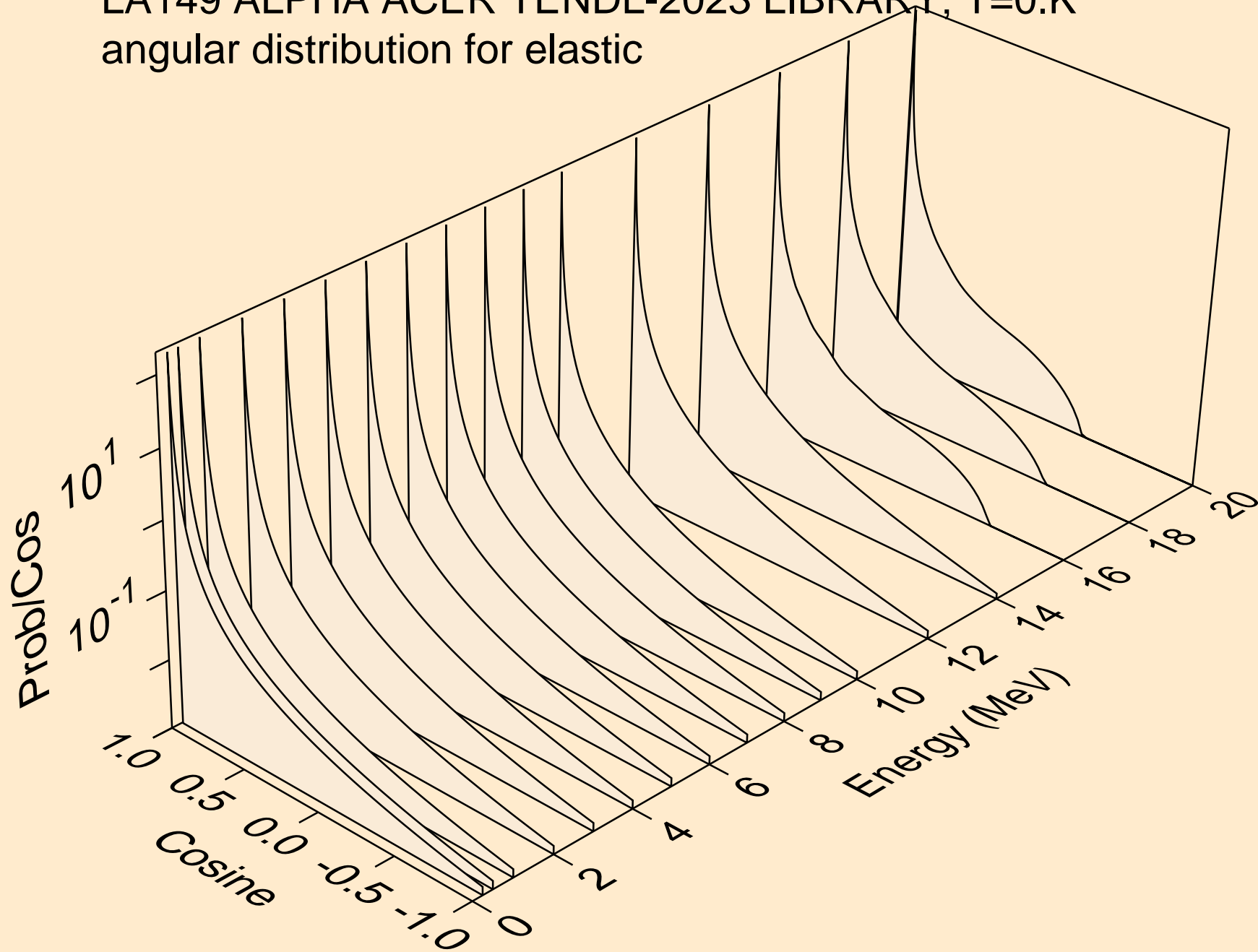


# LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

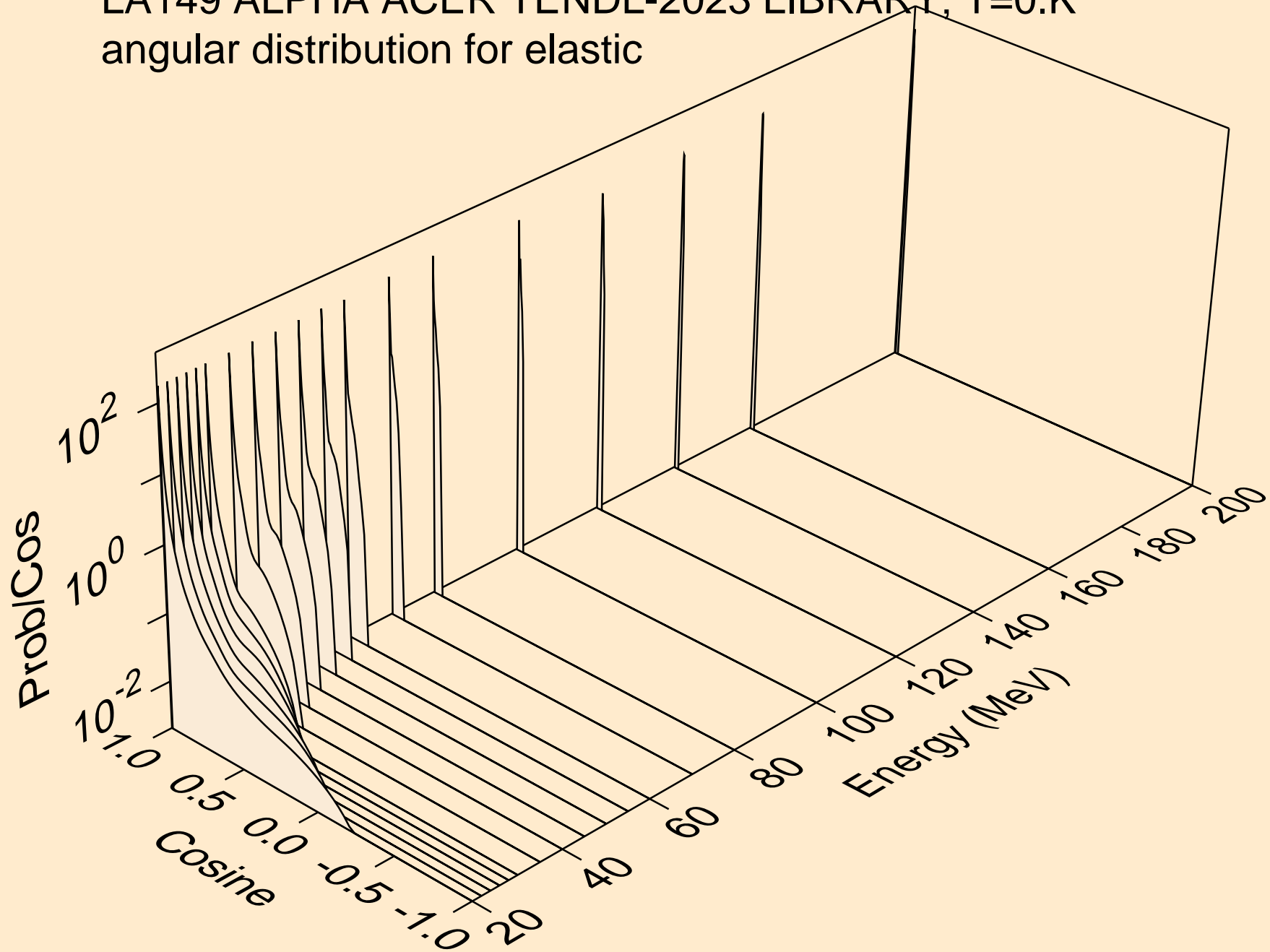
## Threshold reactions



LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

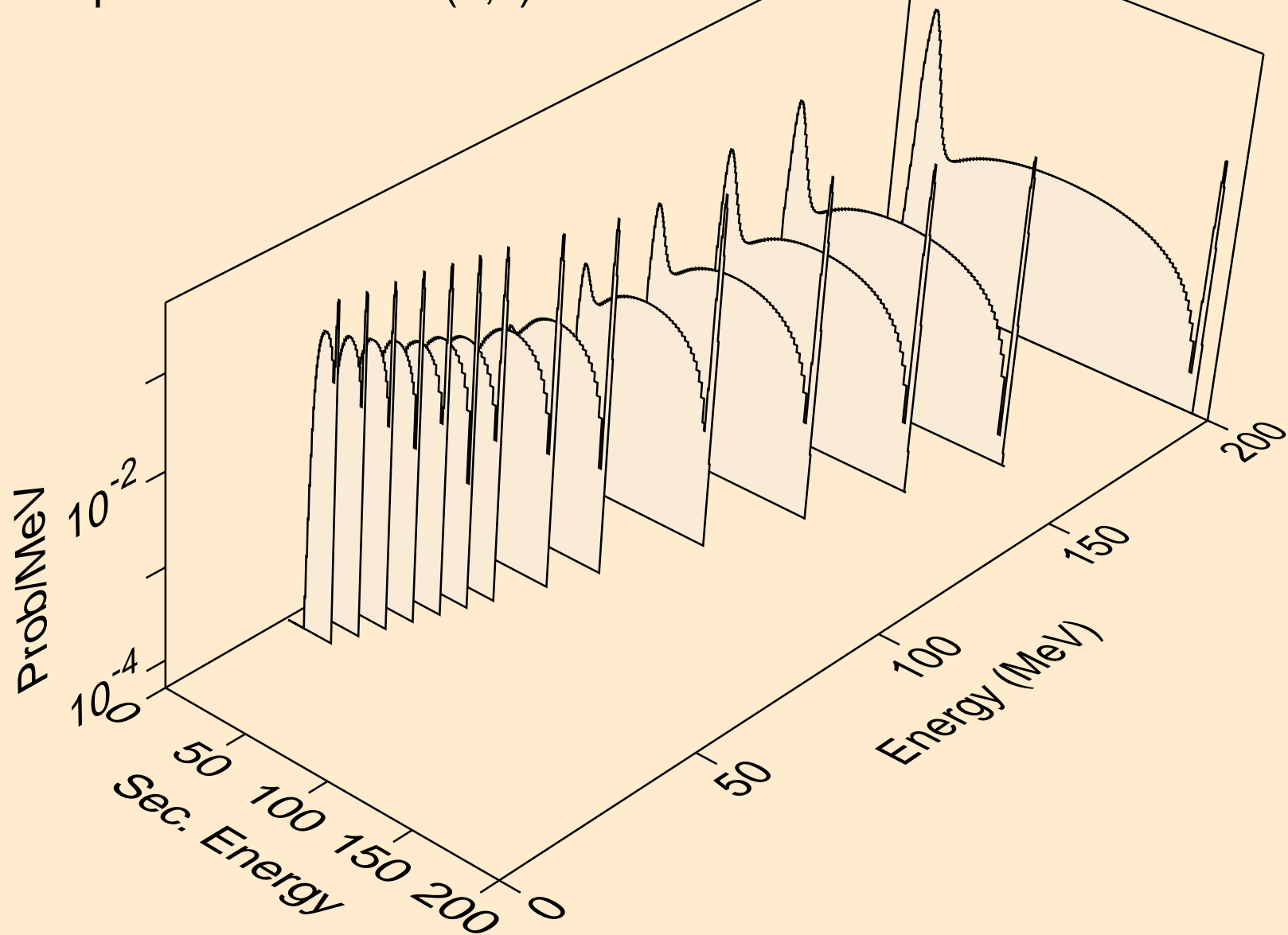


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



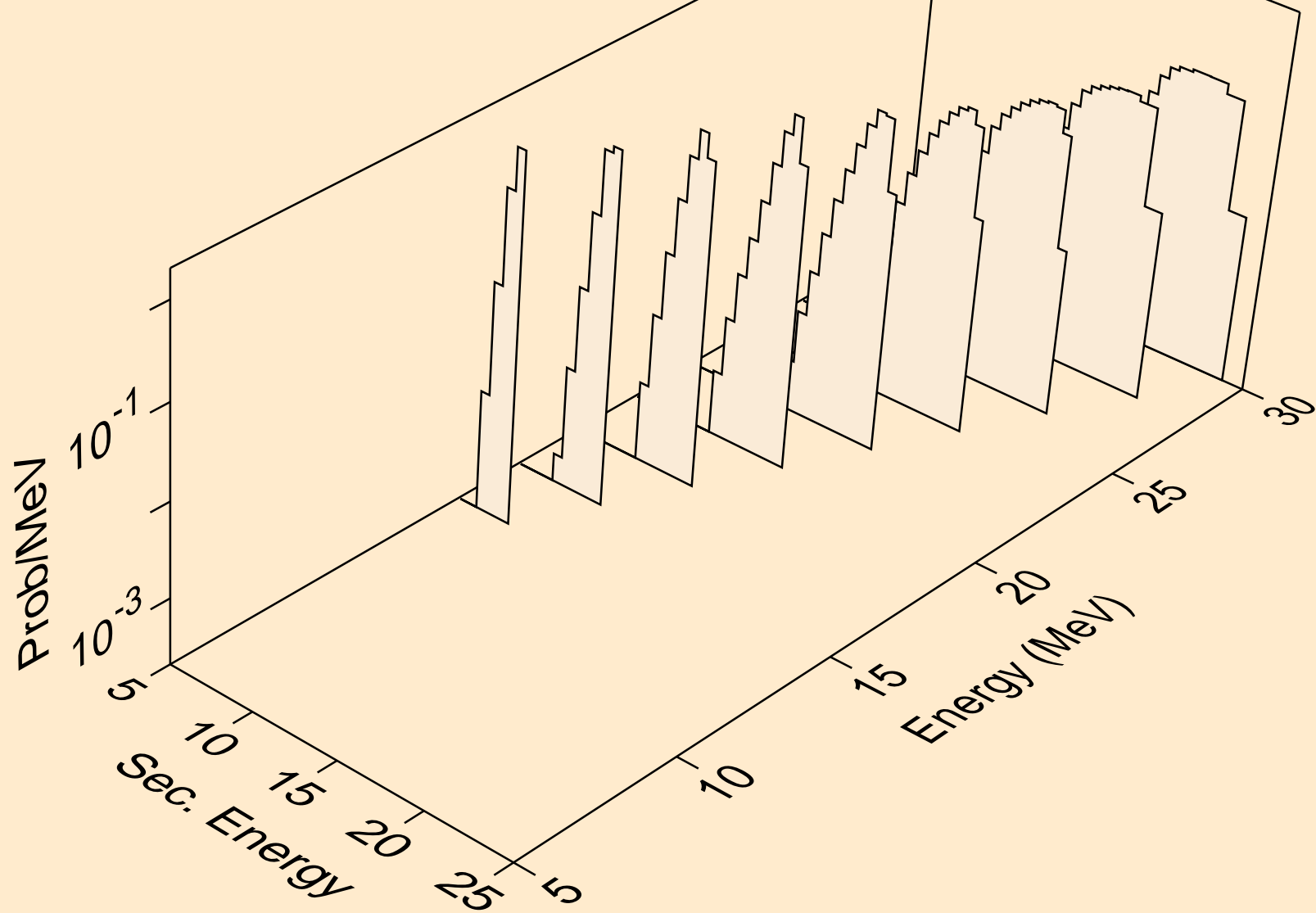
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



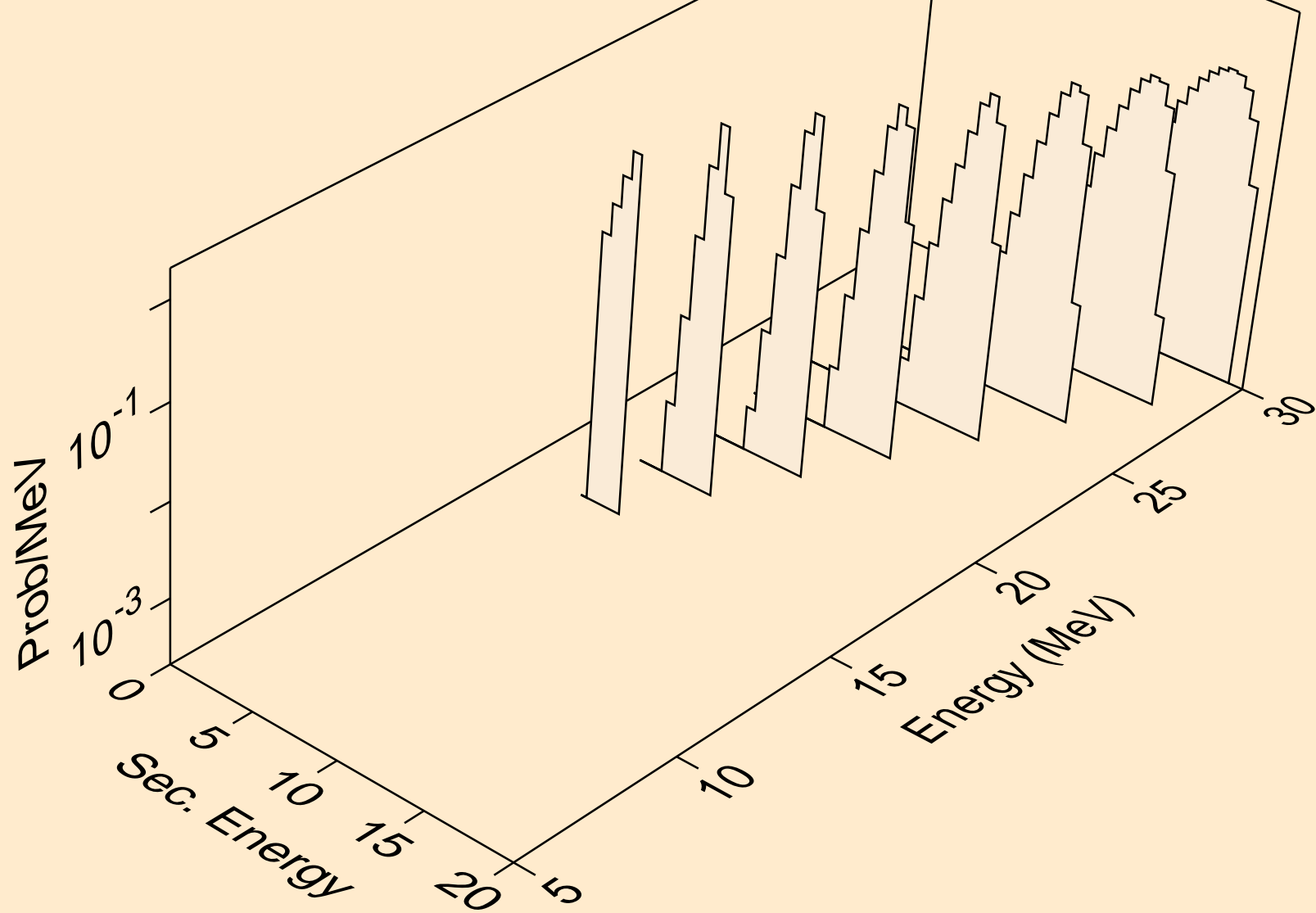


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



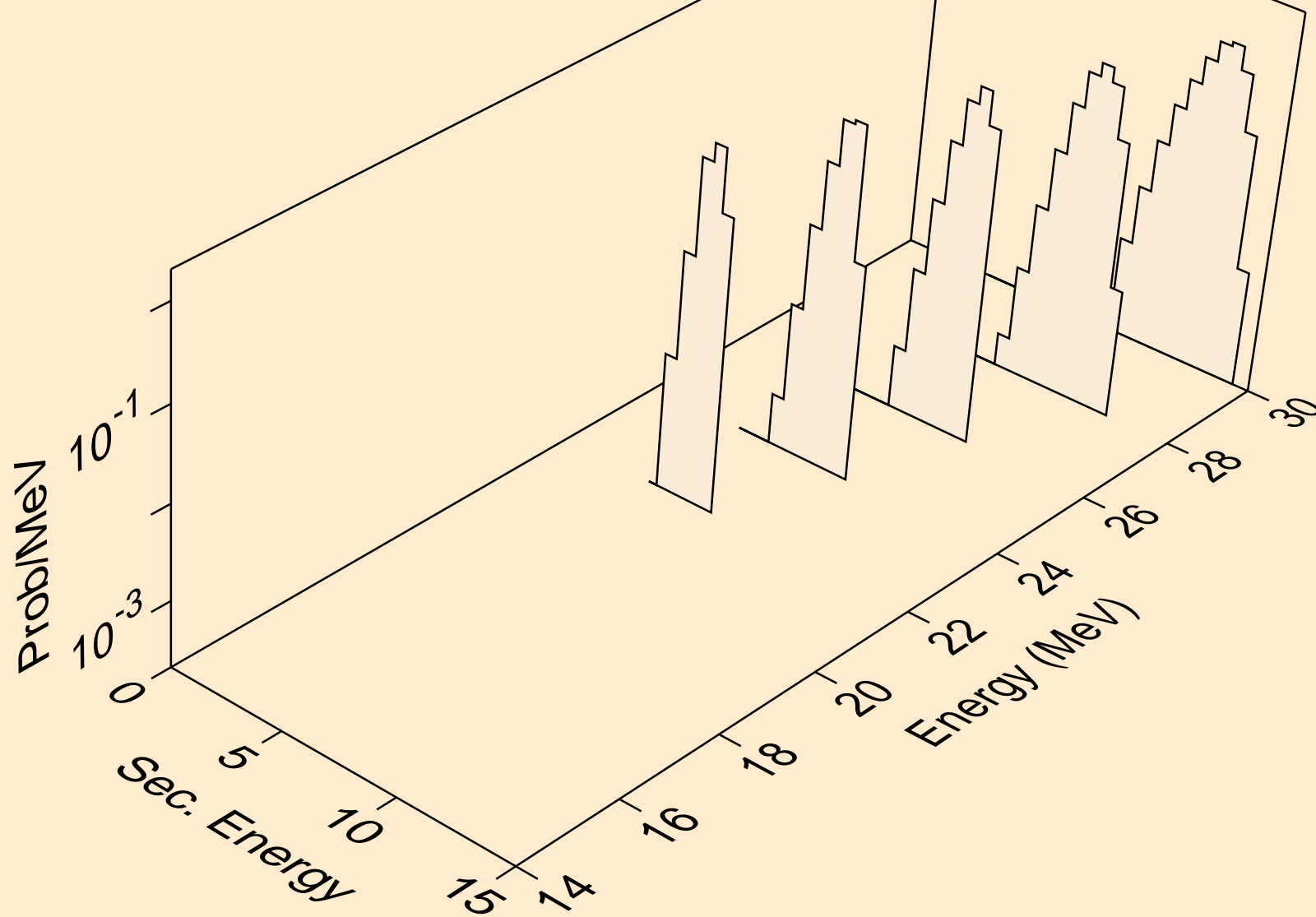
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)a

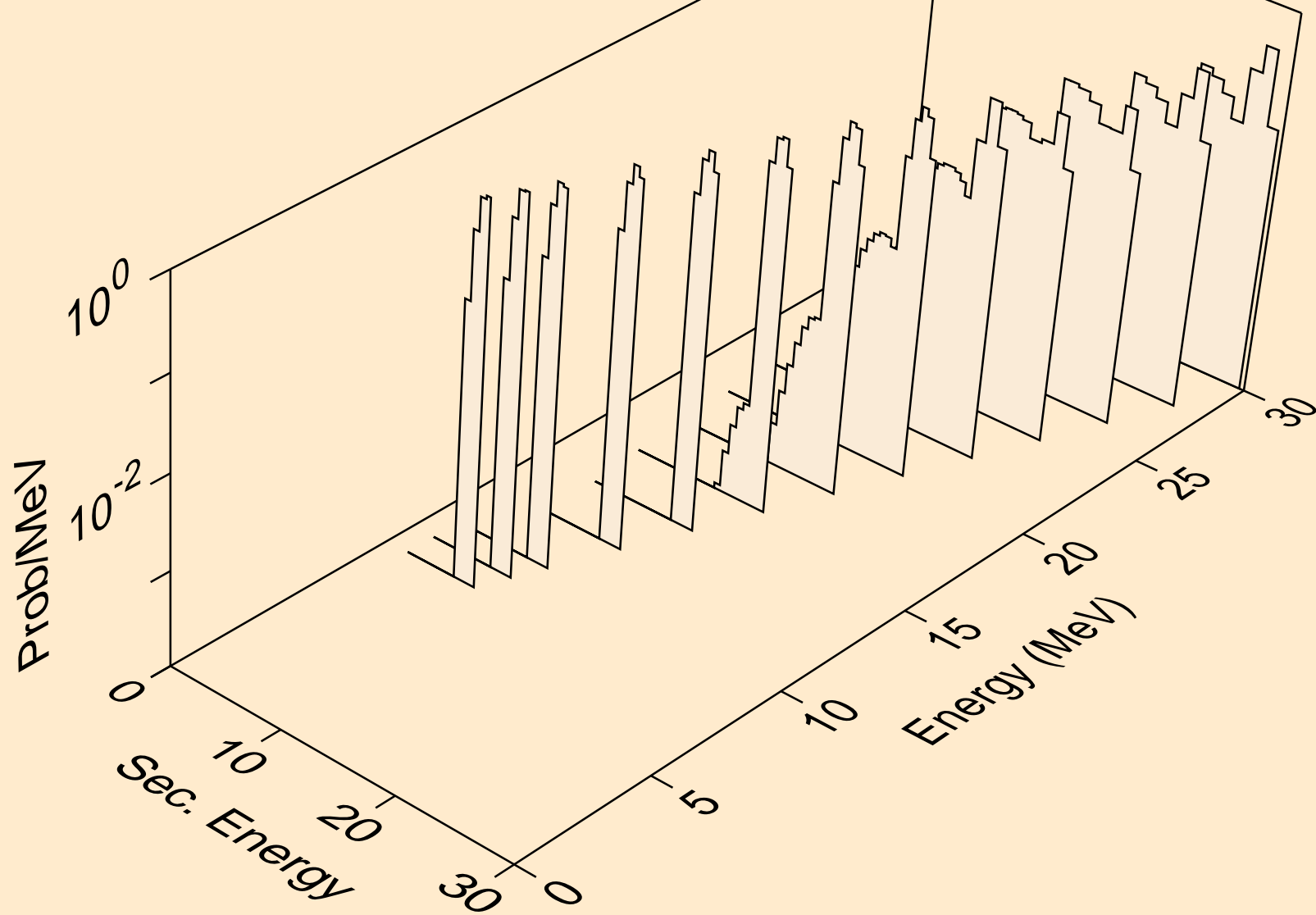


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

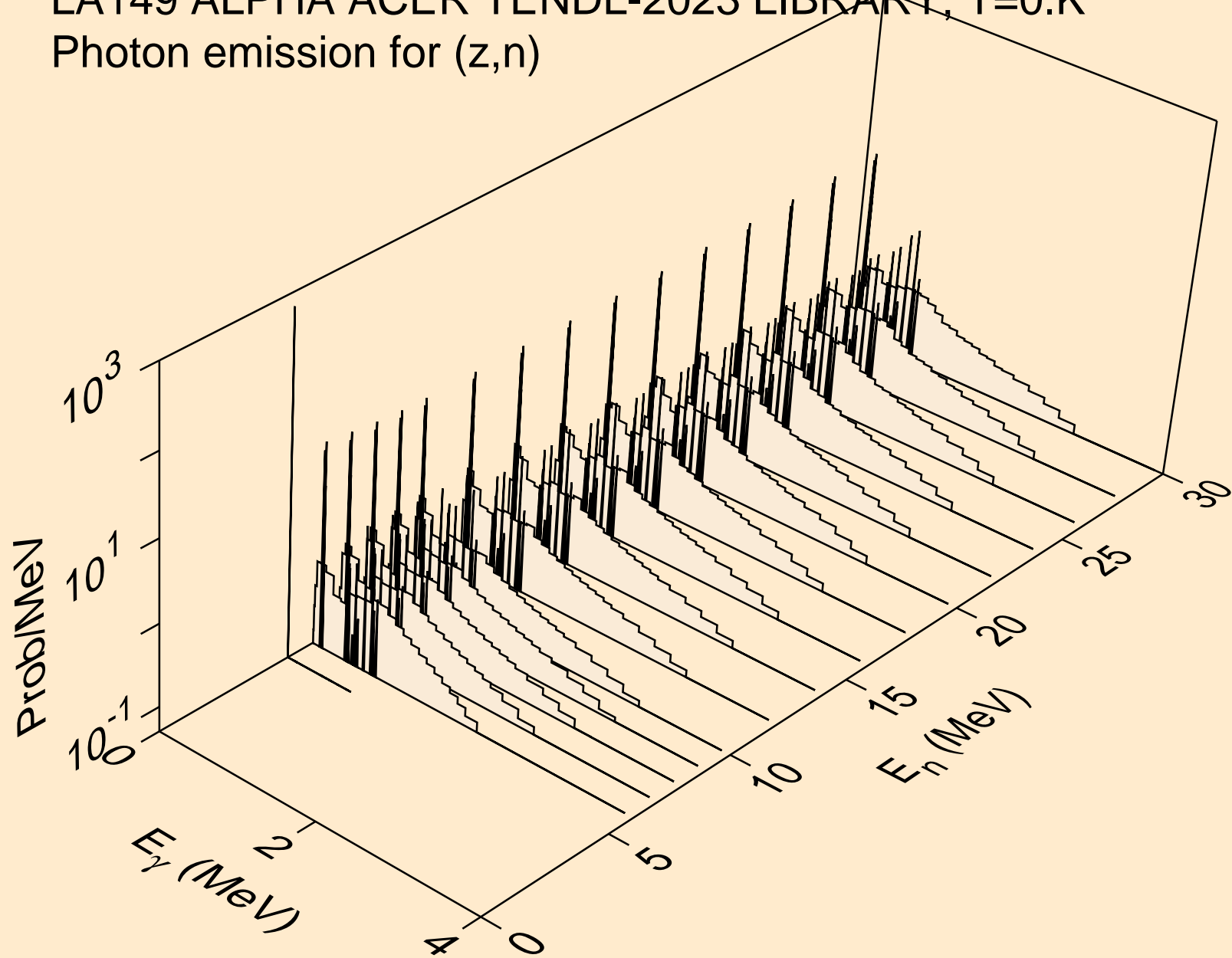
Alpha emission for (a,3n)a



LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

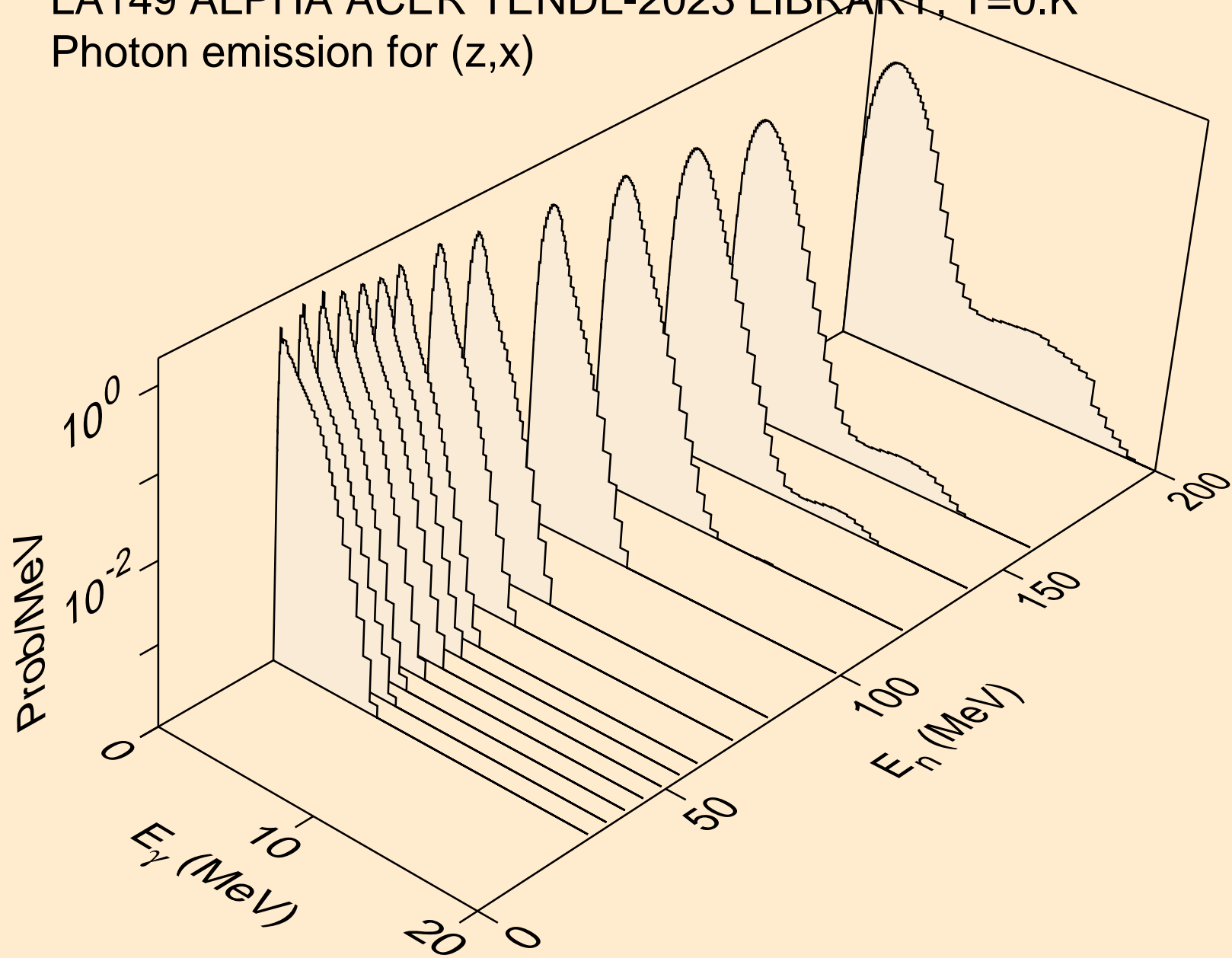


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

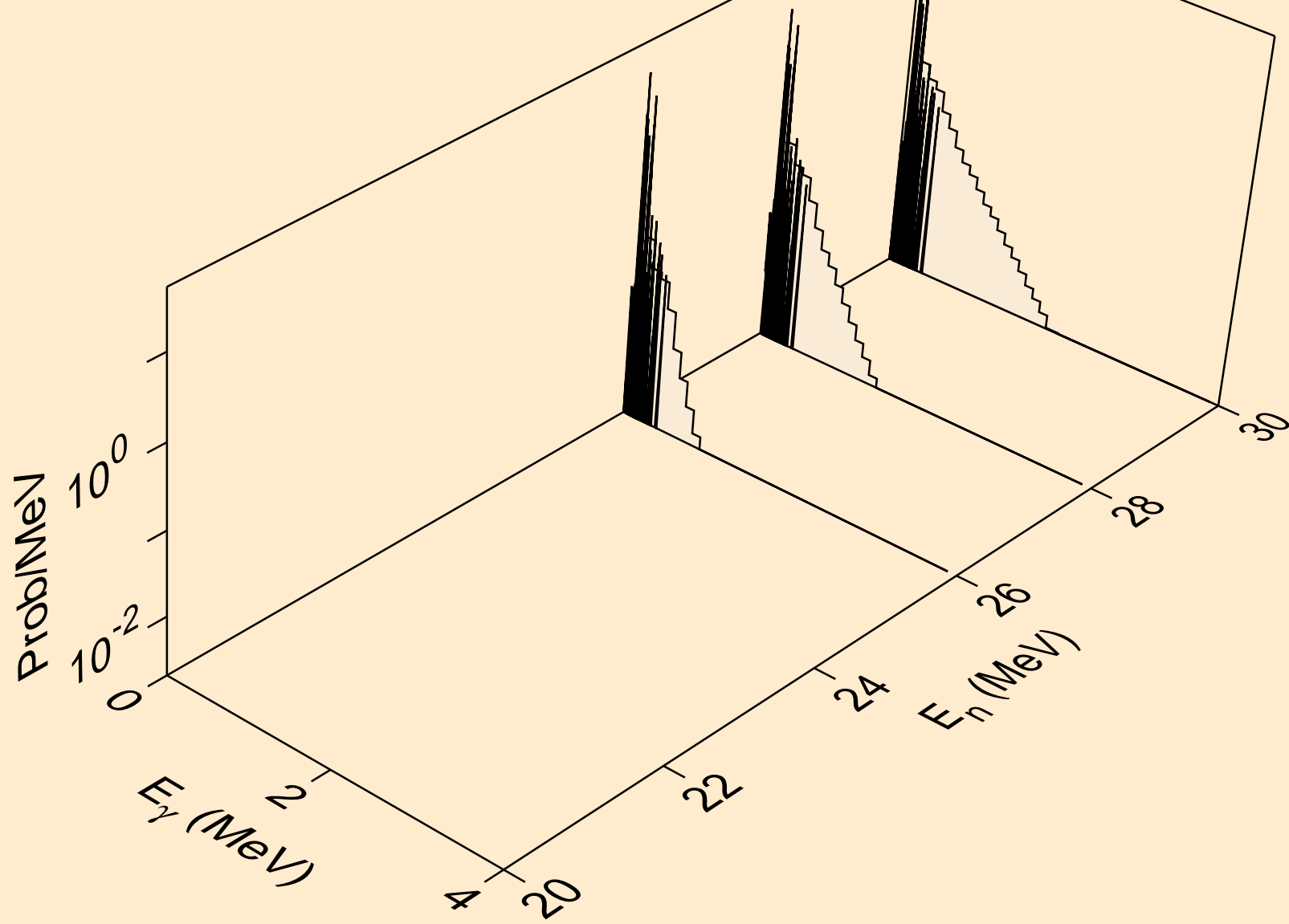


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

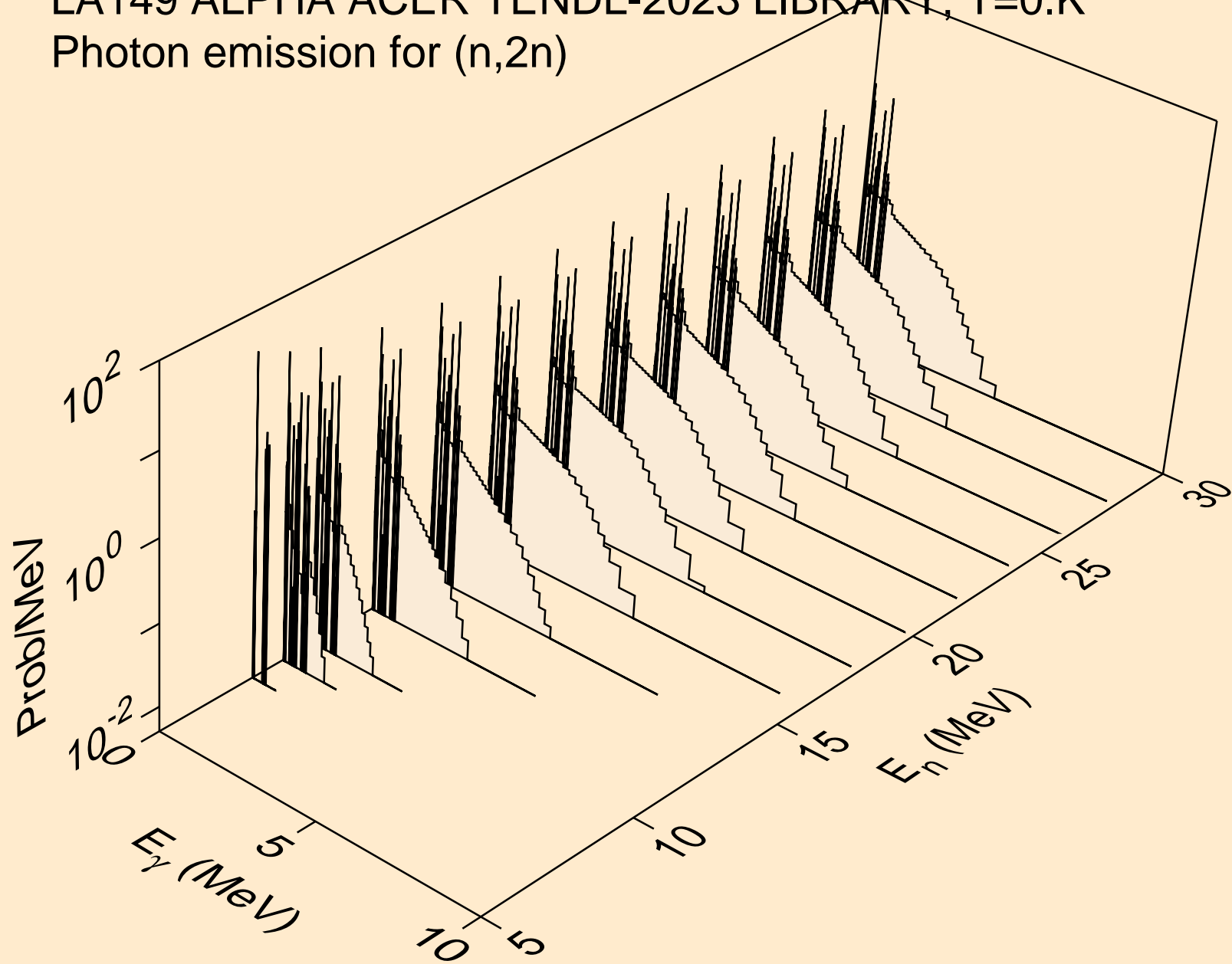
Photon emission for (z,x)



LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

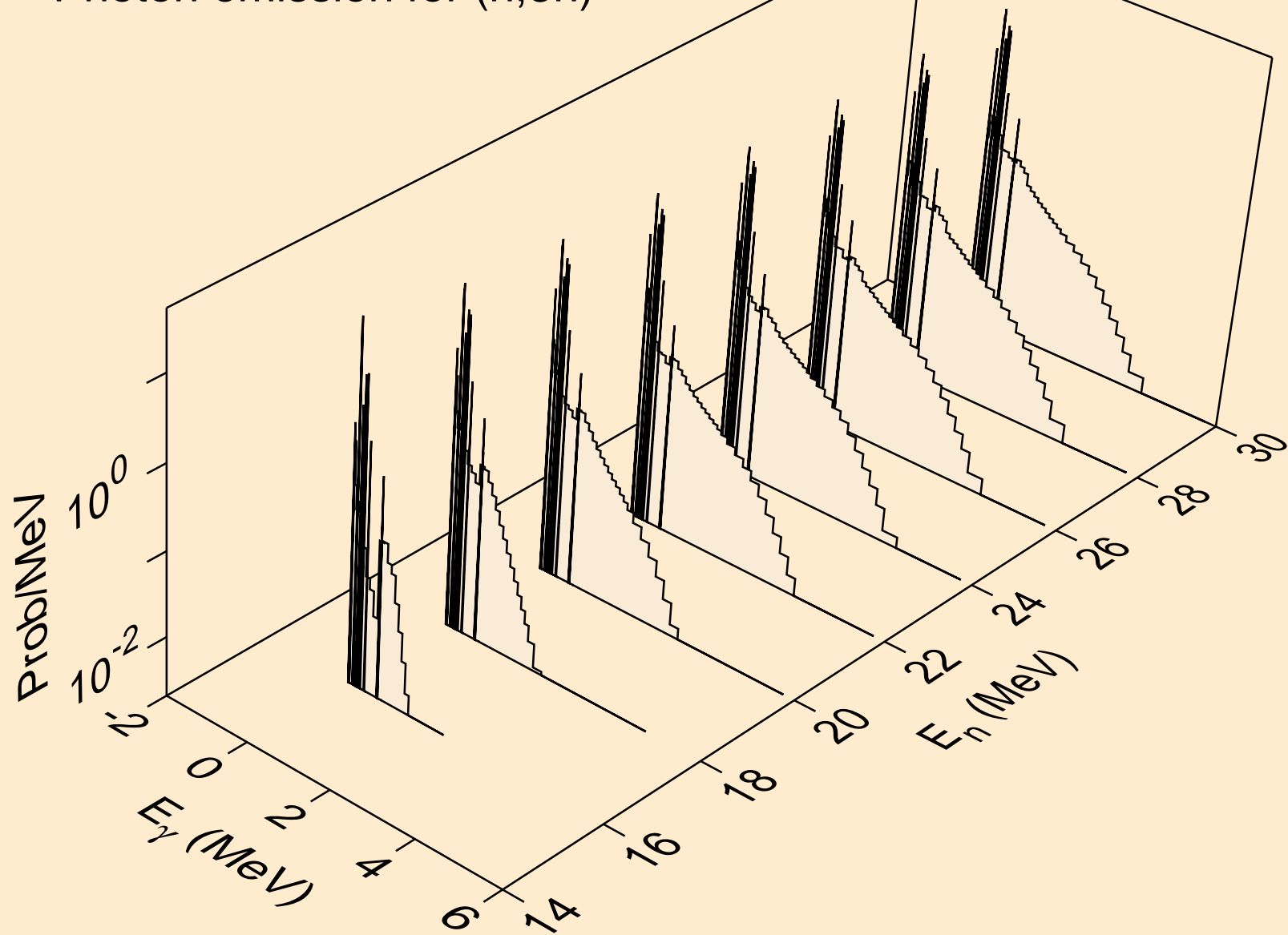


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



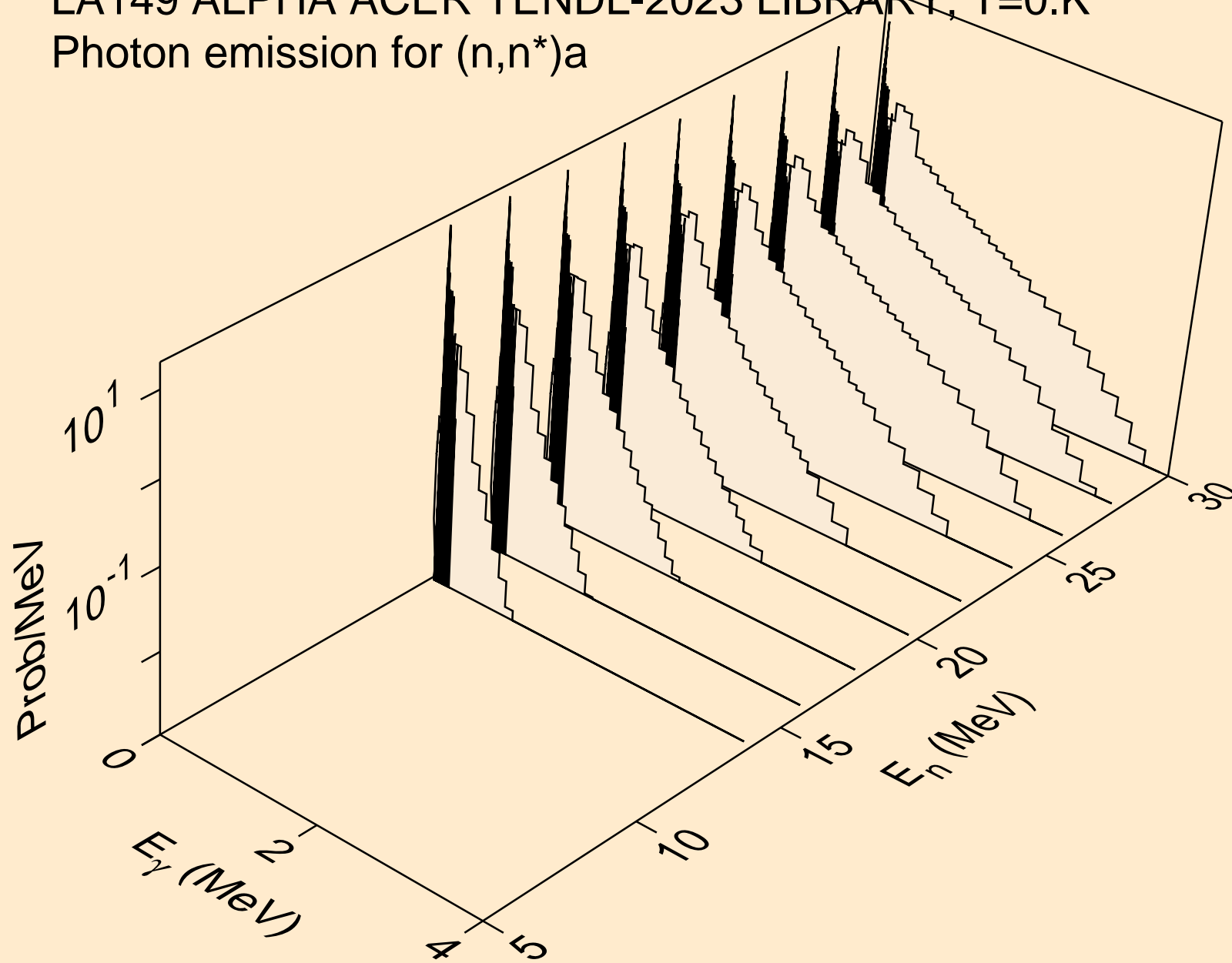


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

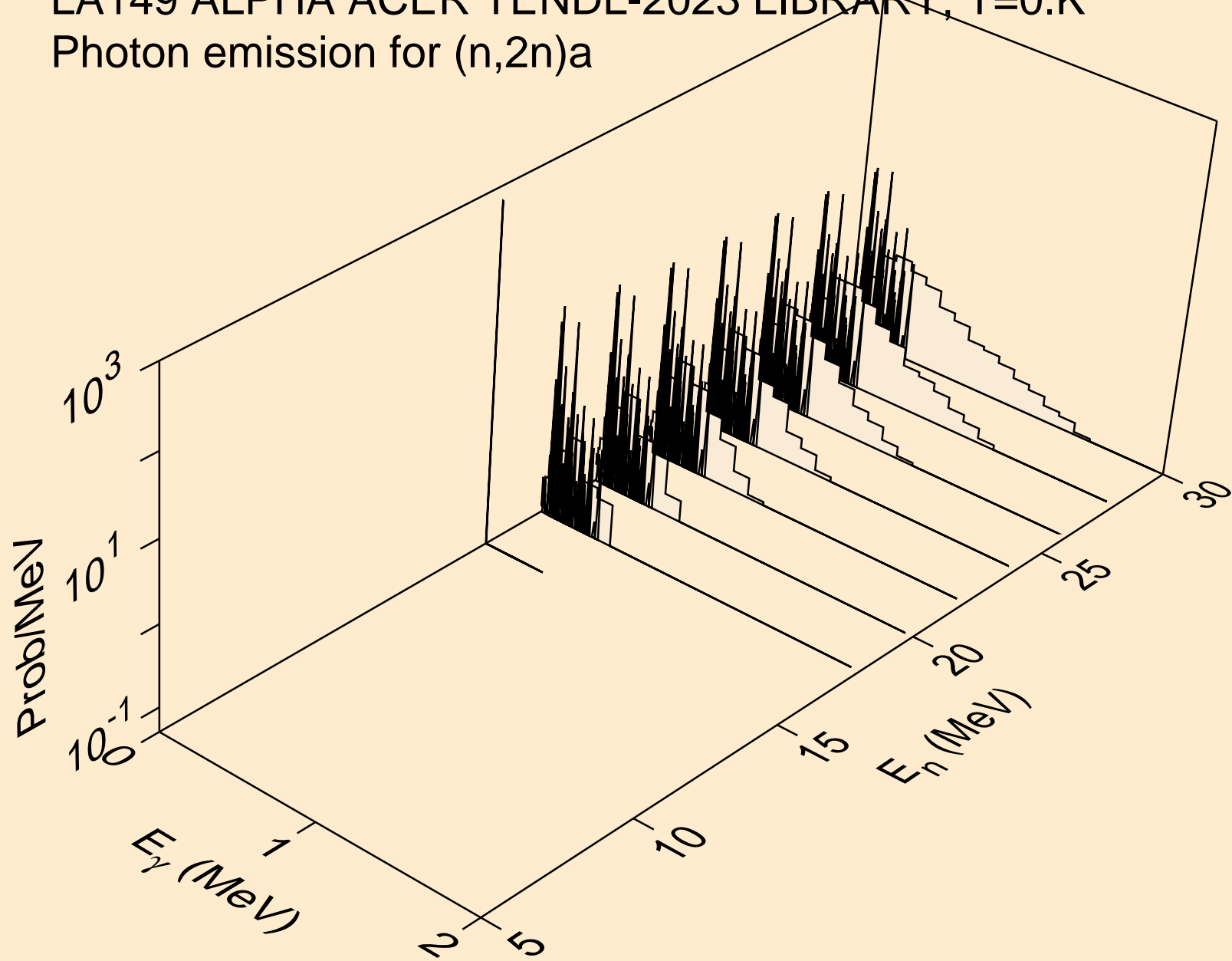


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

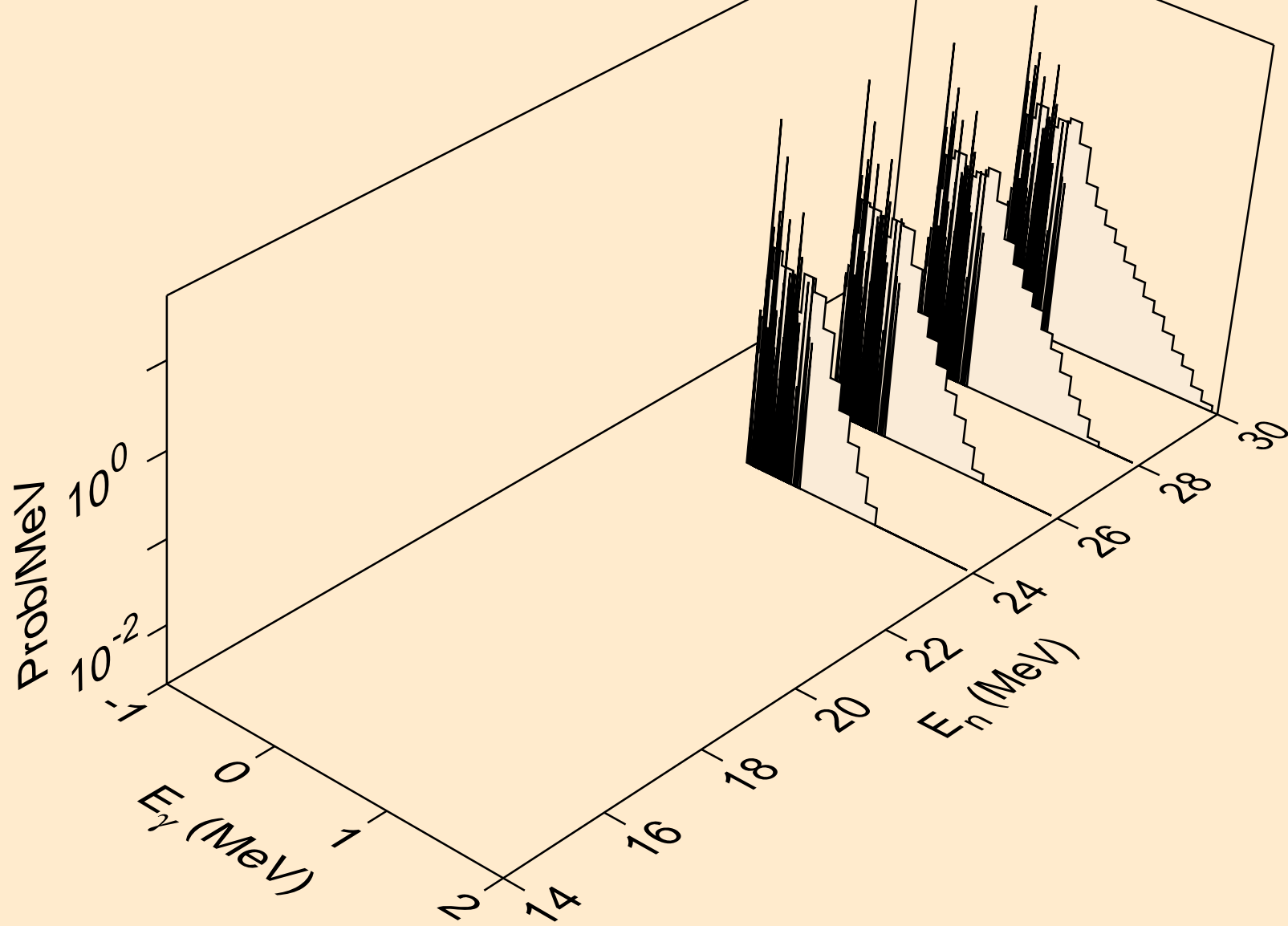
Photon emission for (n,n\*)a



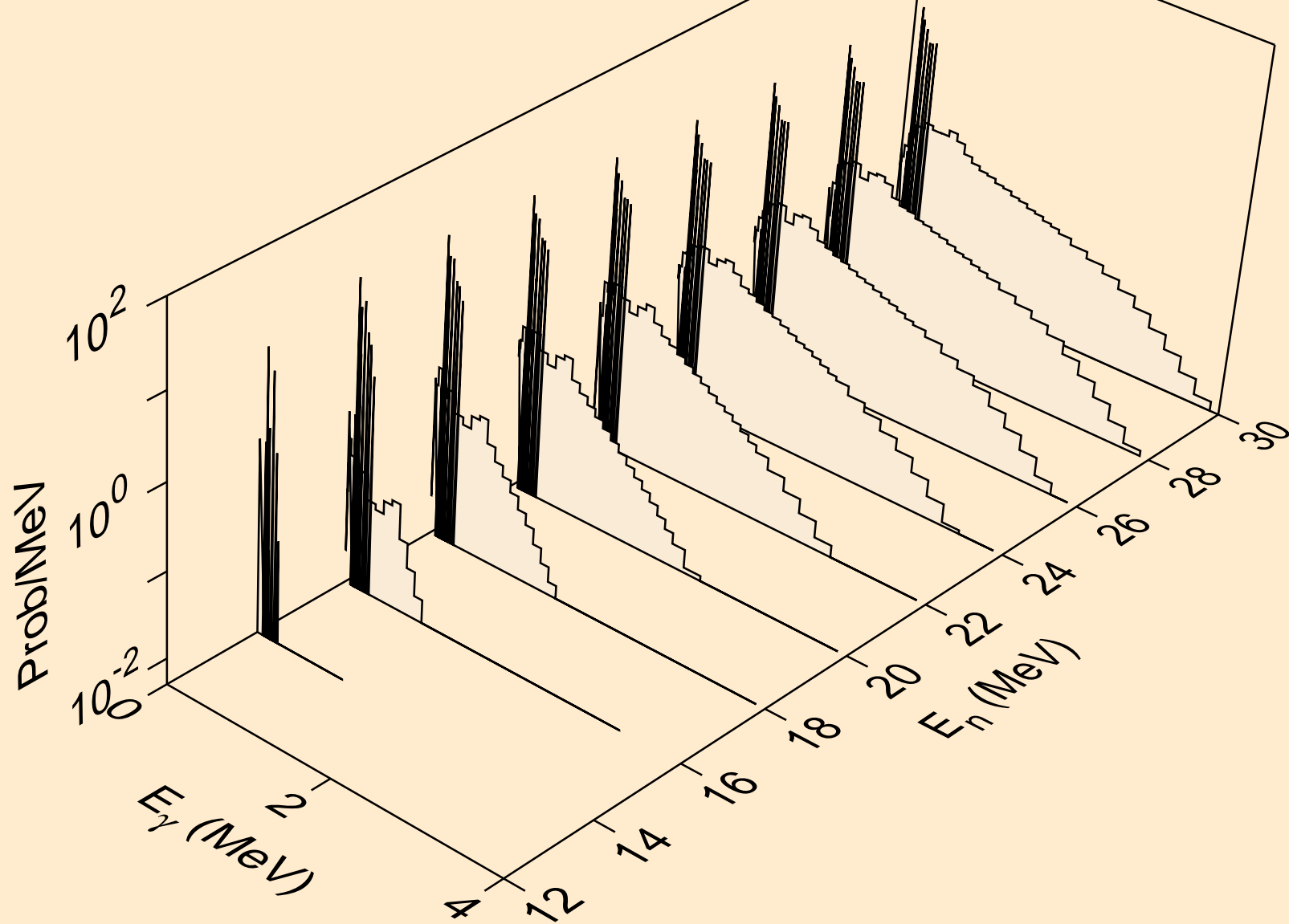
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

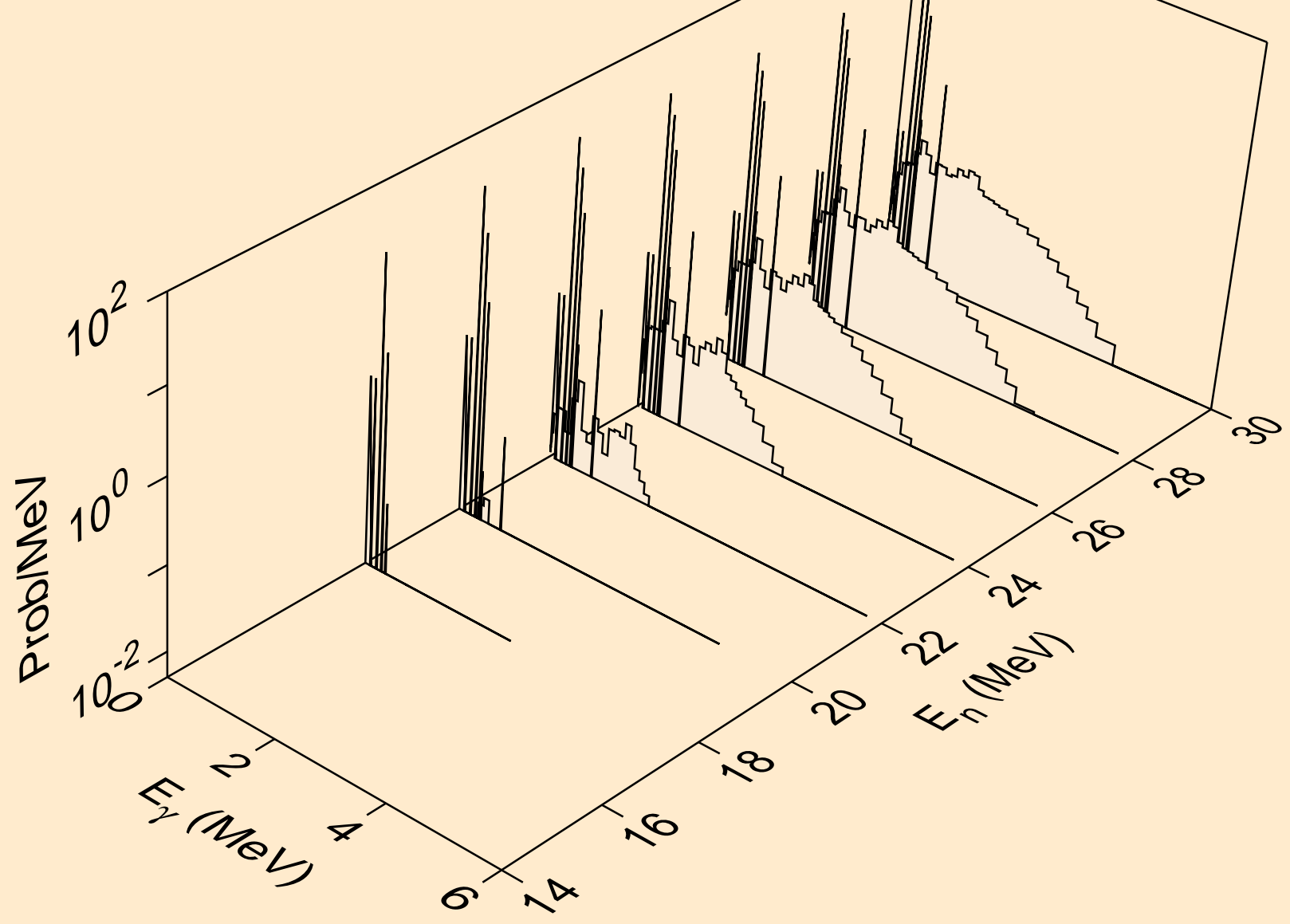


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



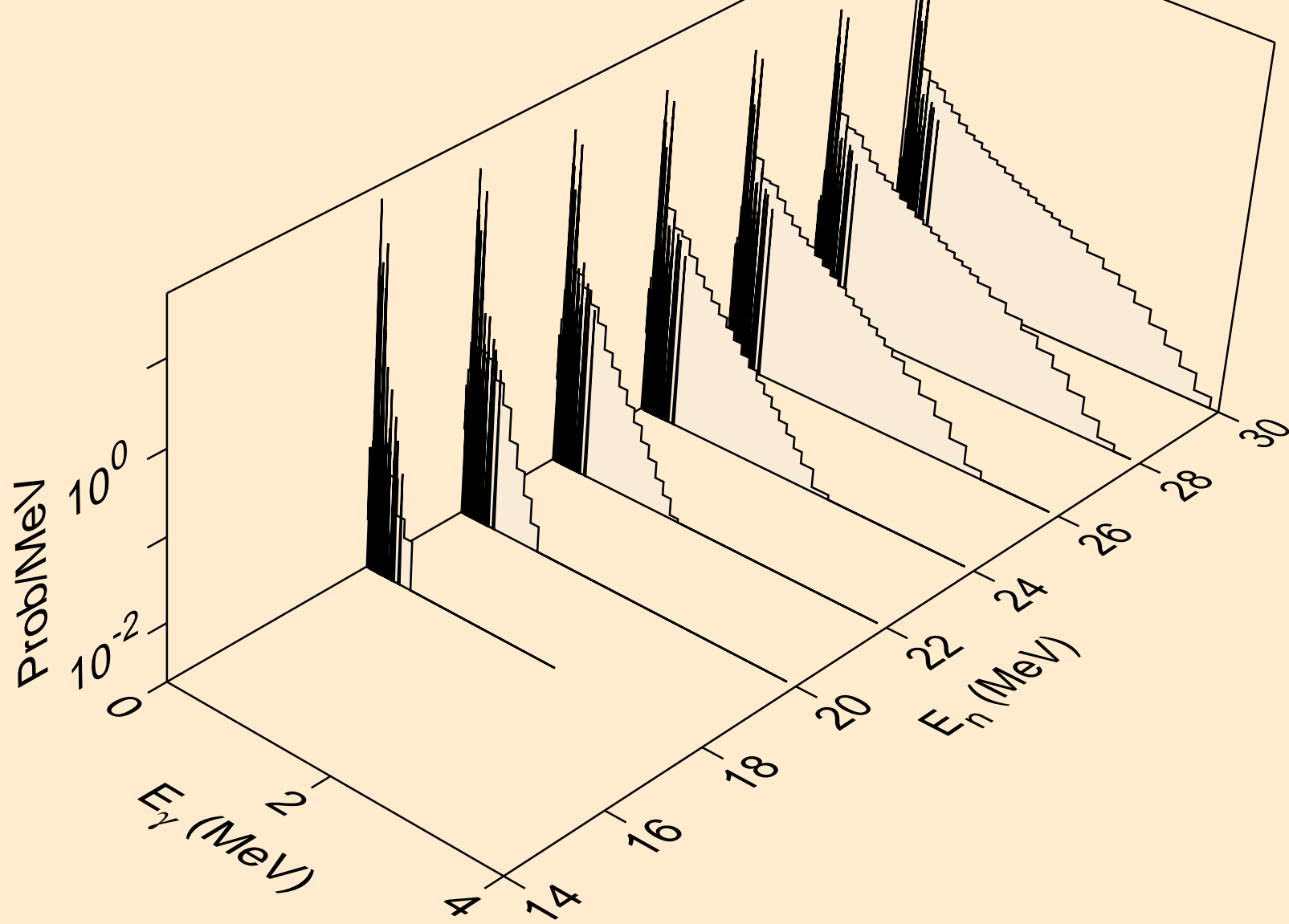
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d

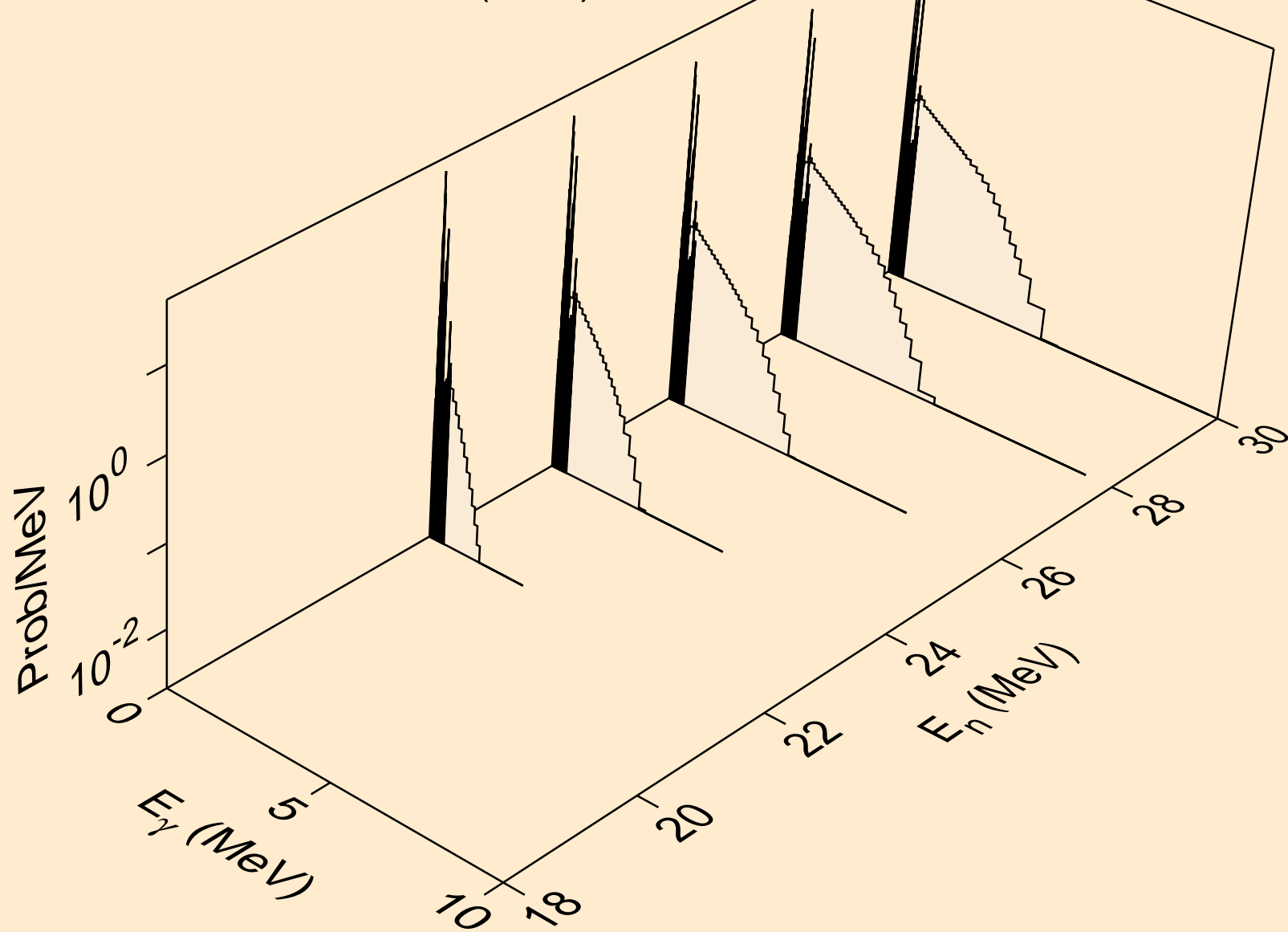


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)t

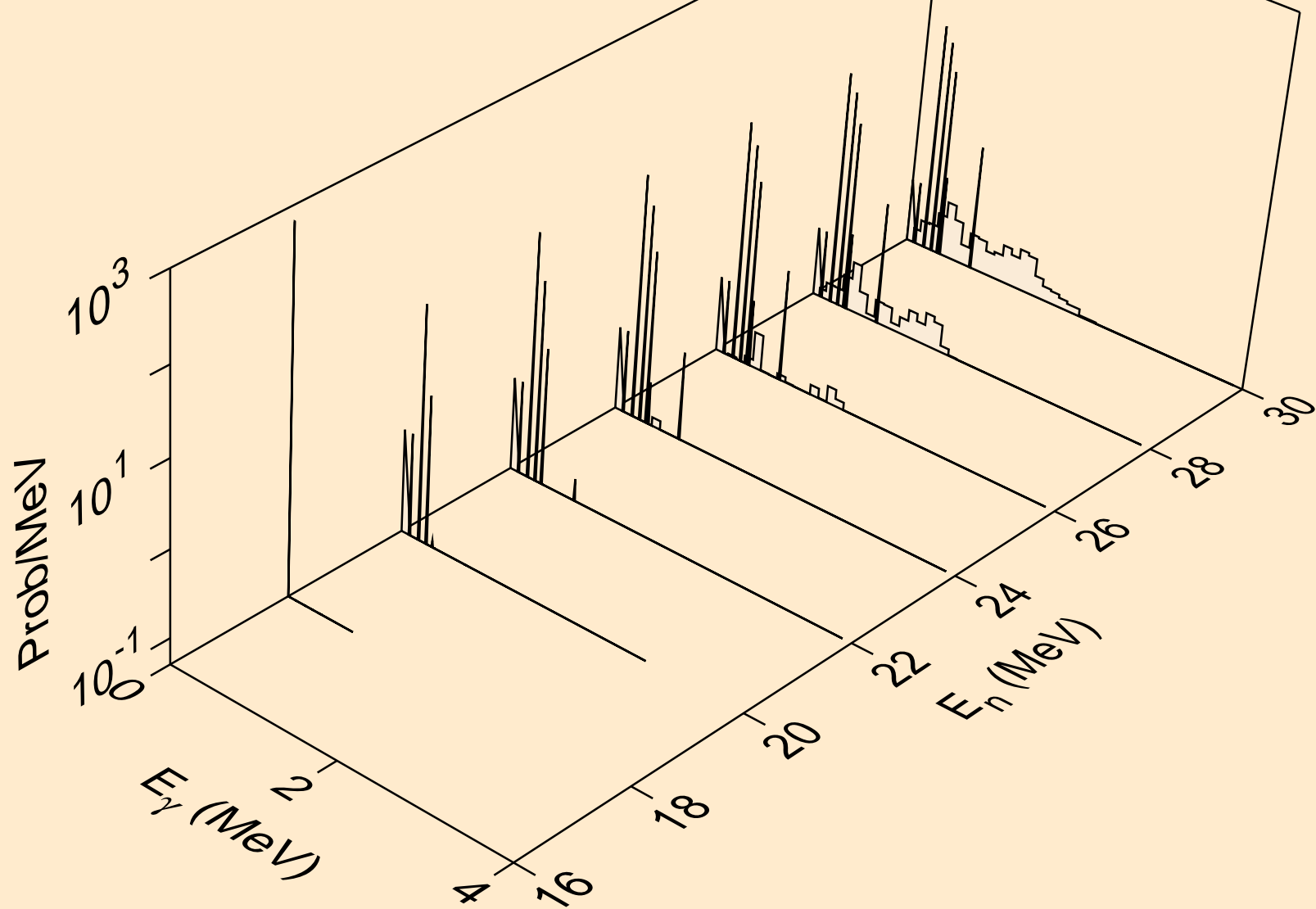


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

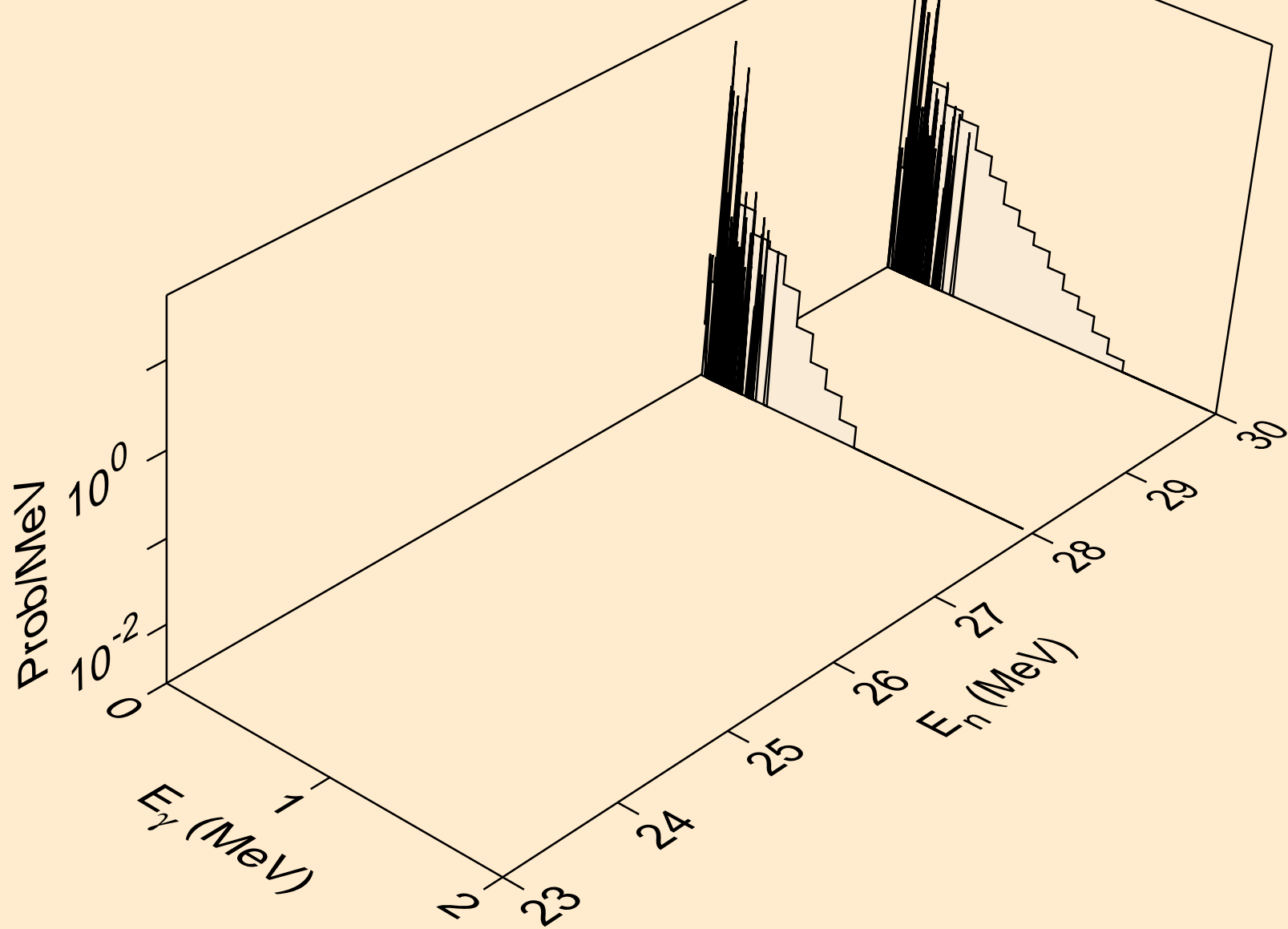




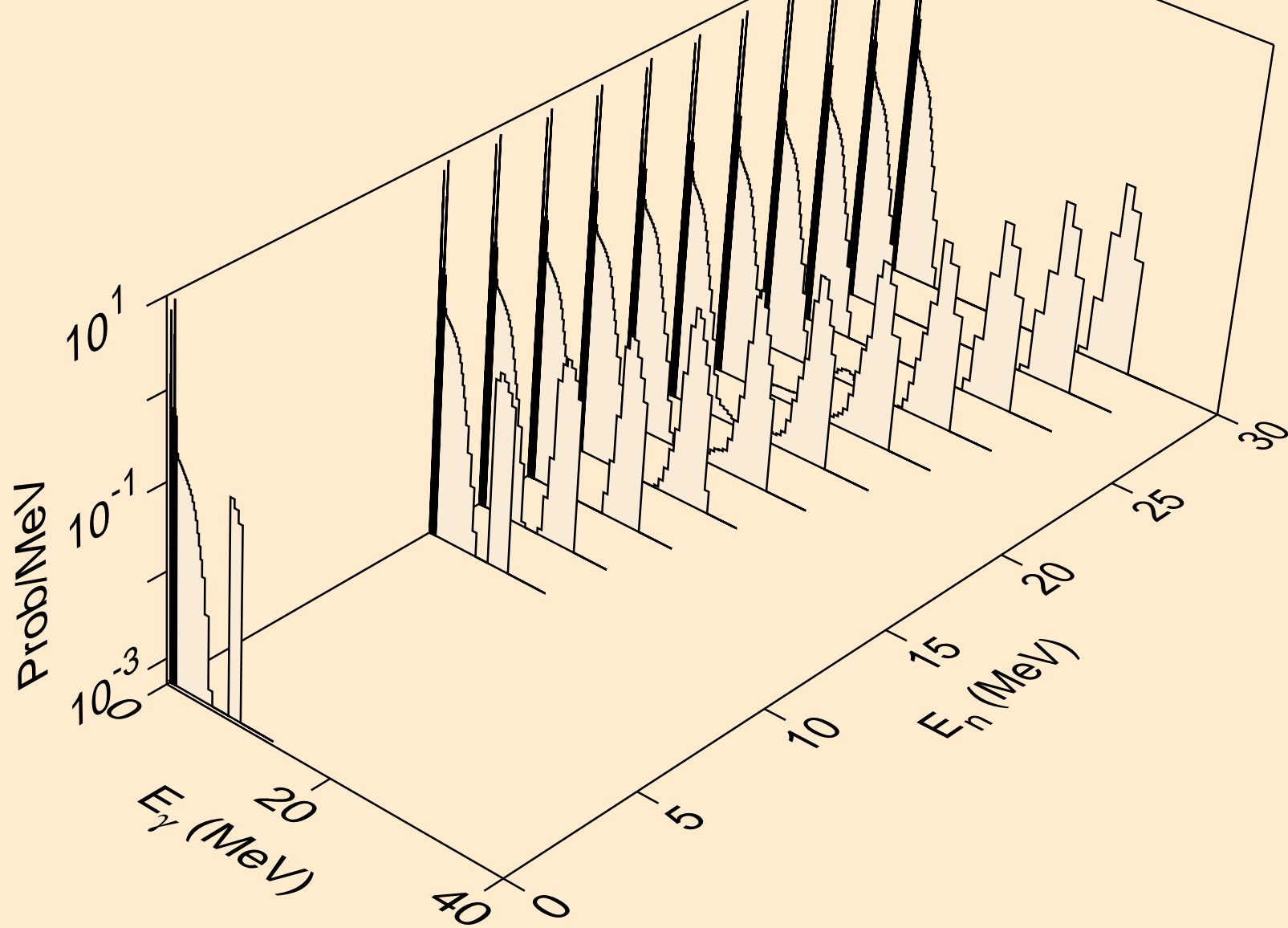
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



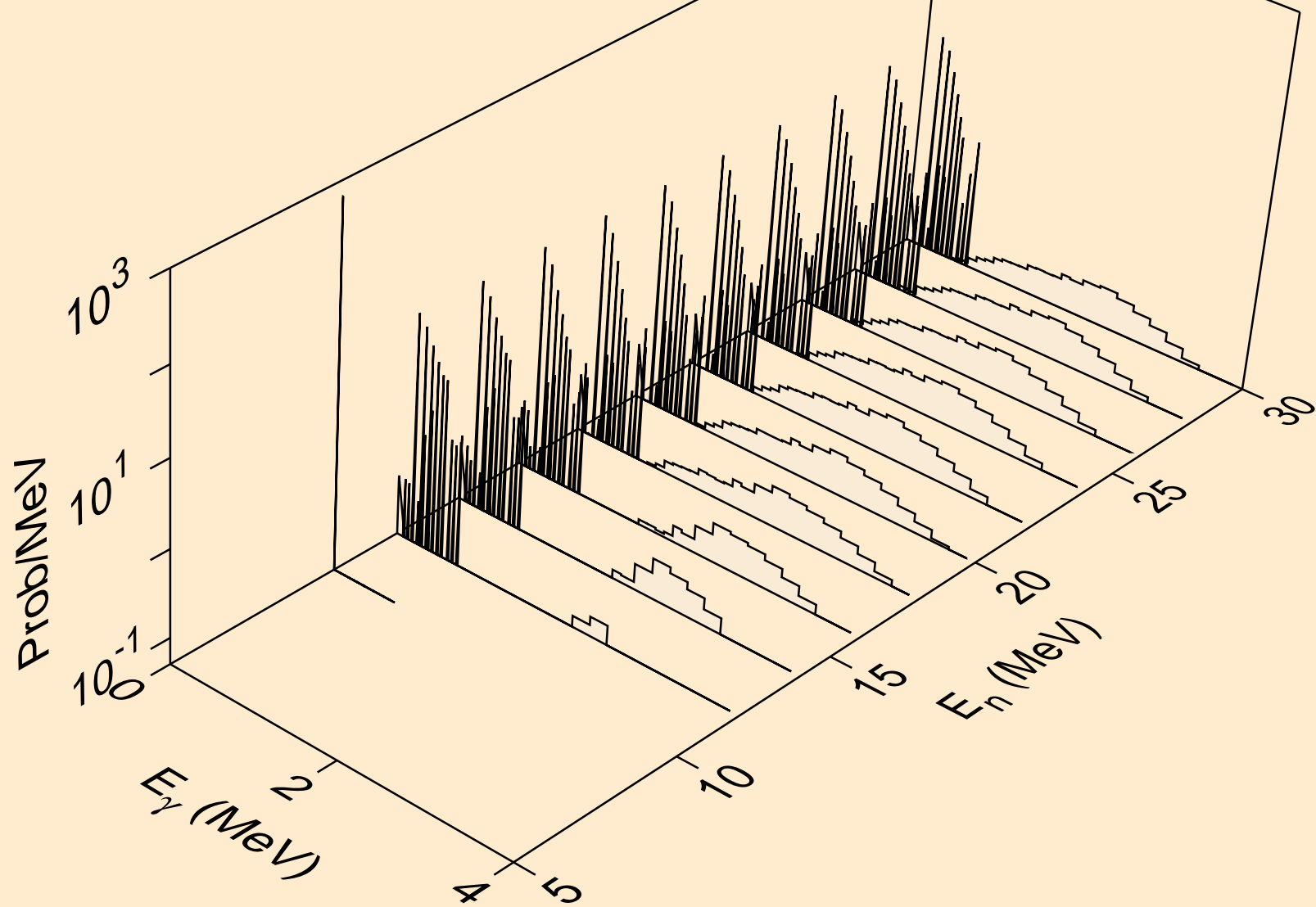
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



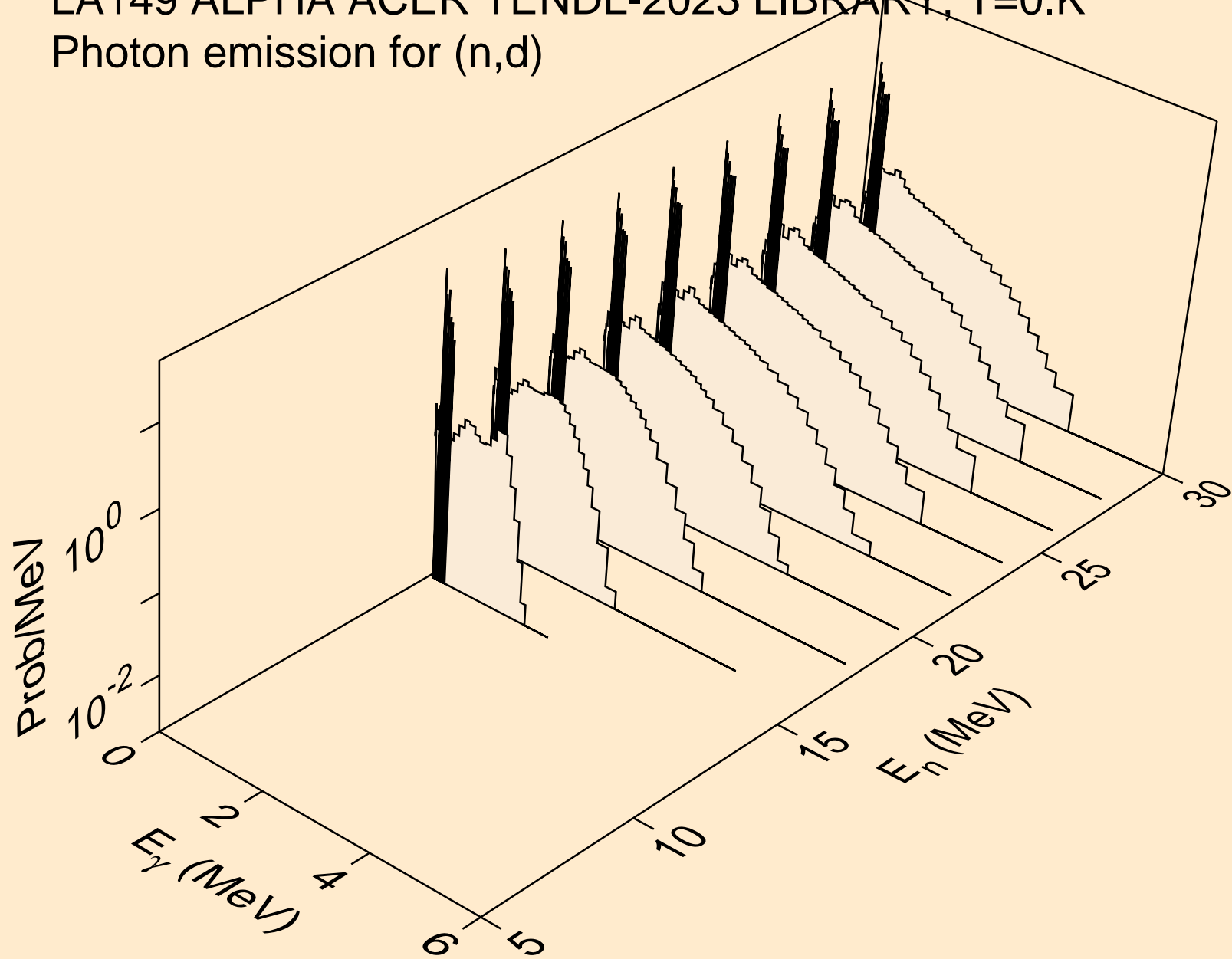
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



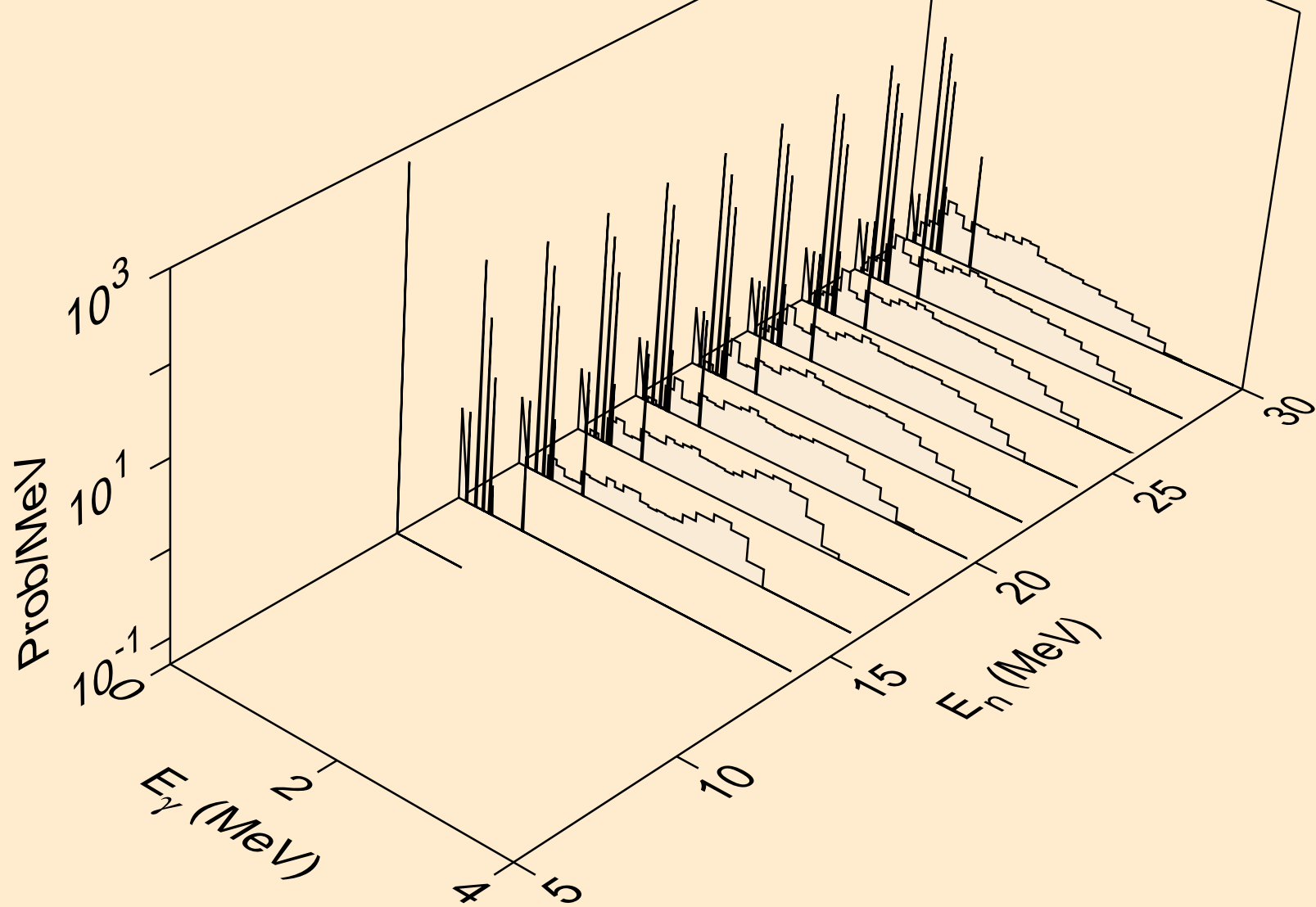
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



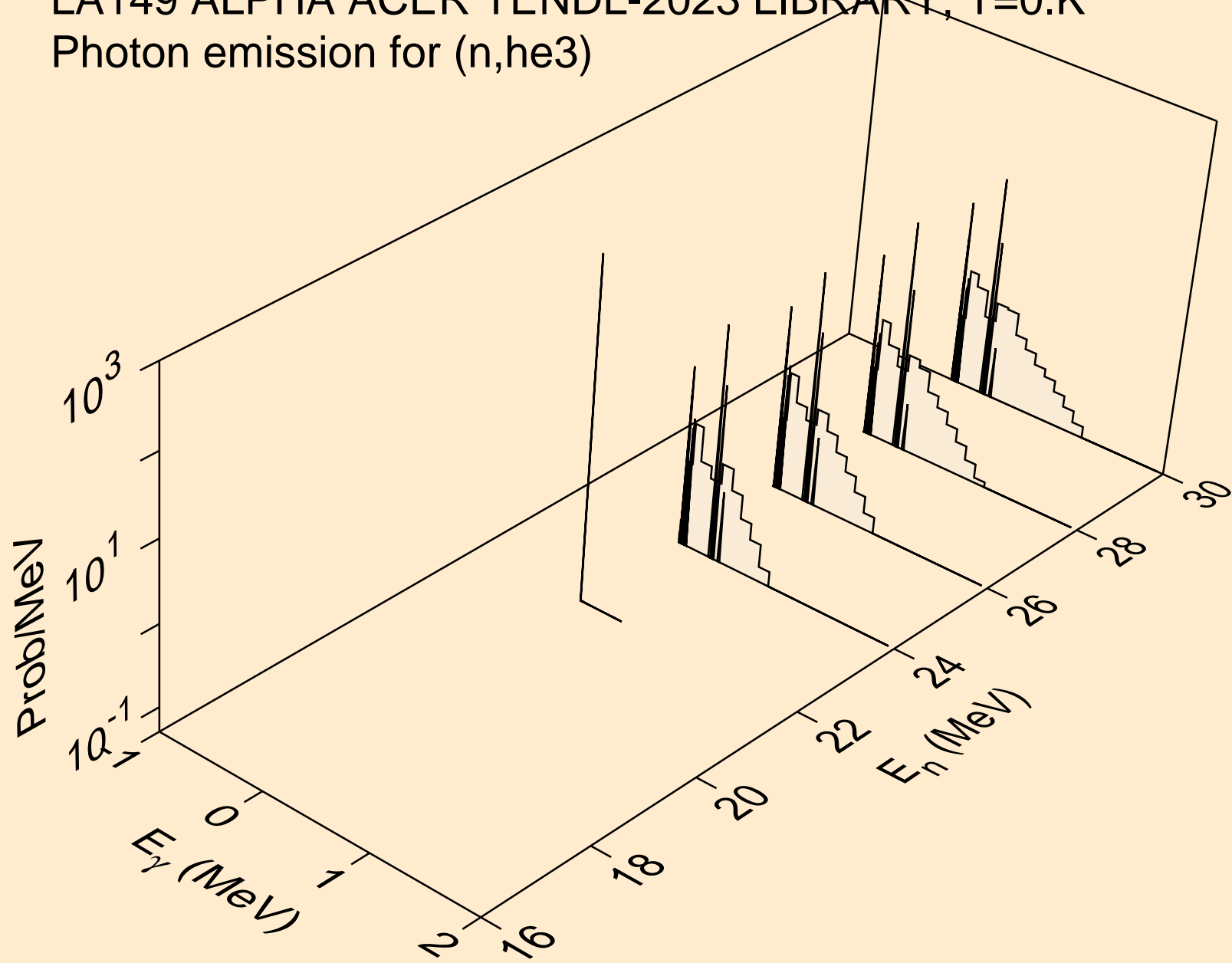
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



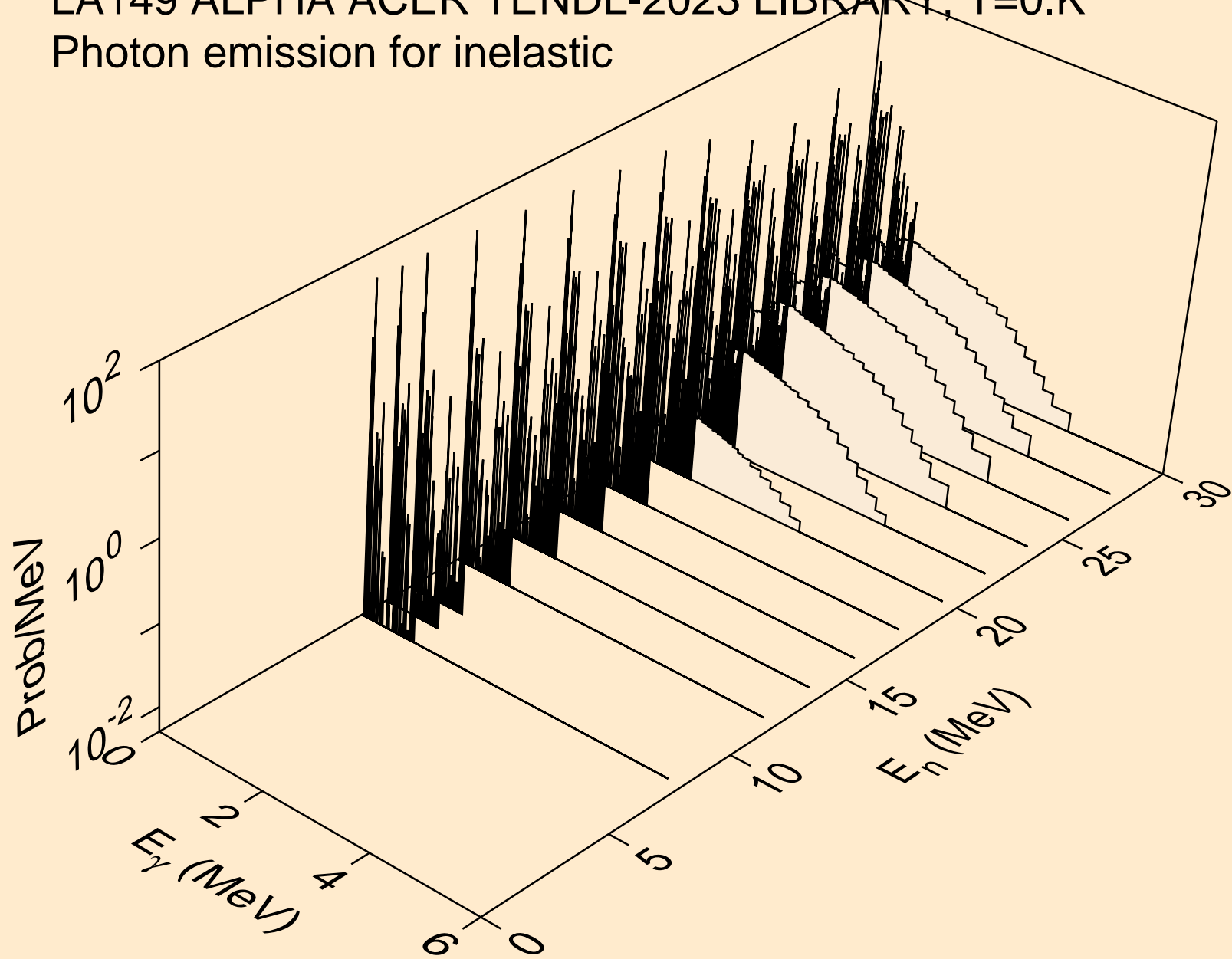
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



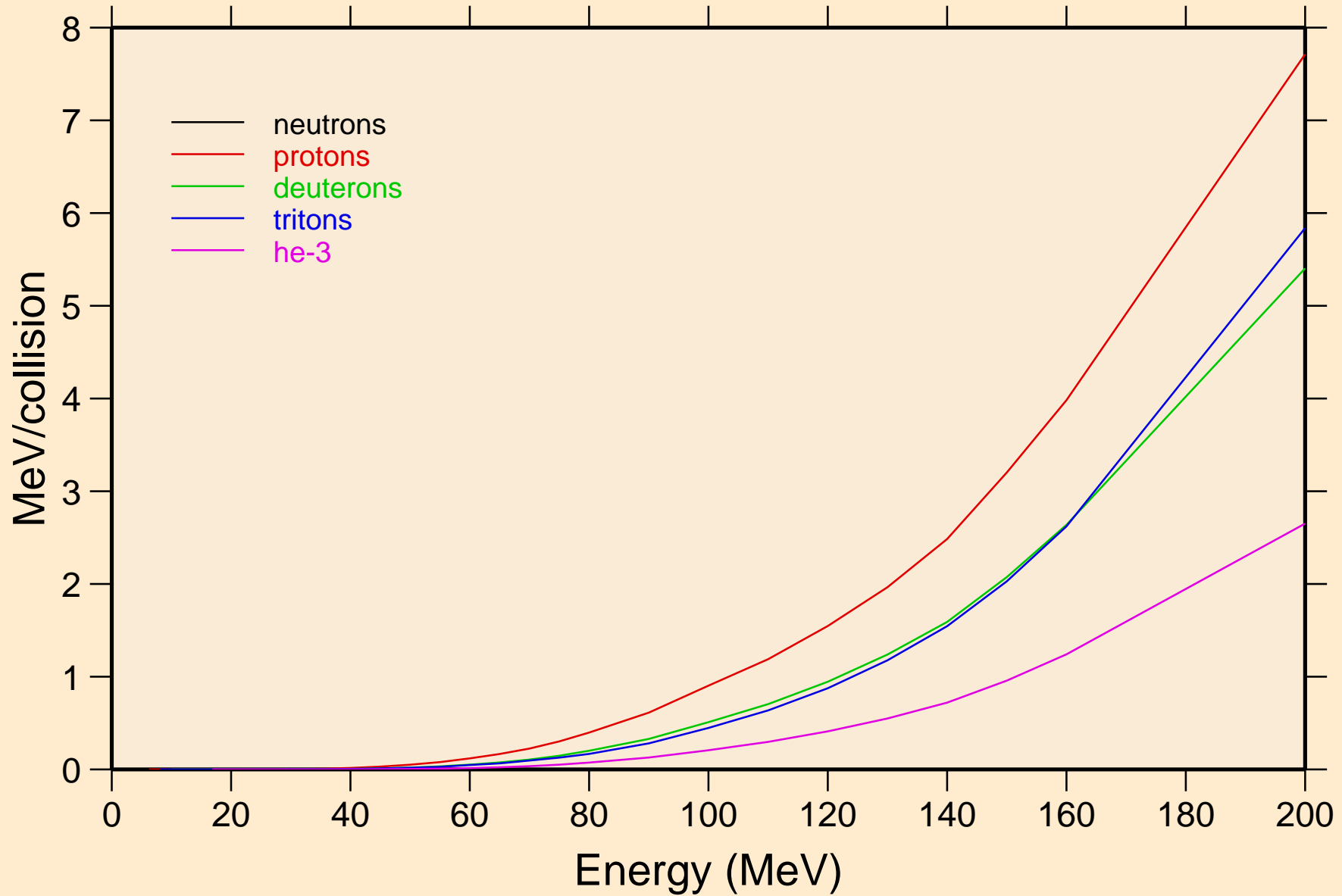
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic





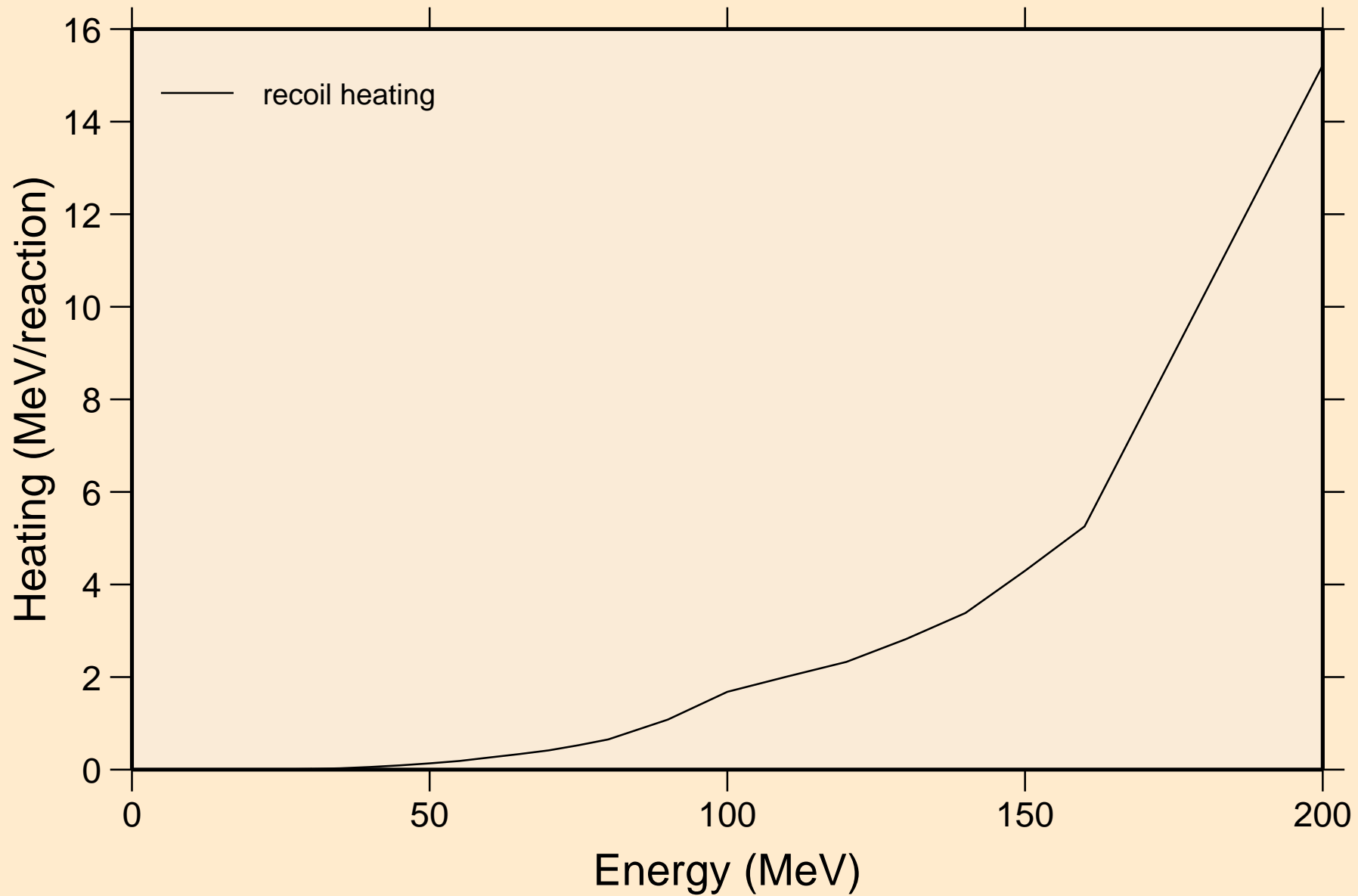
# LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



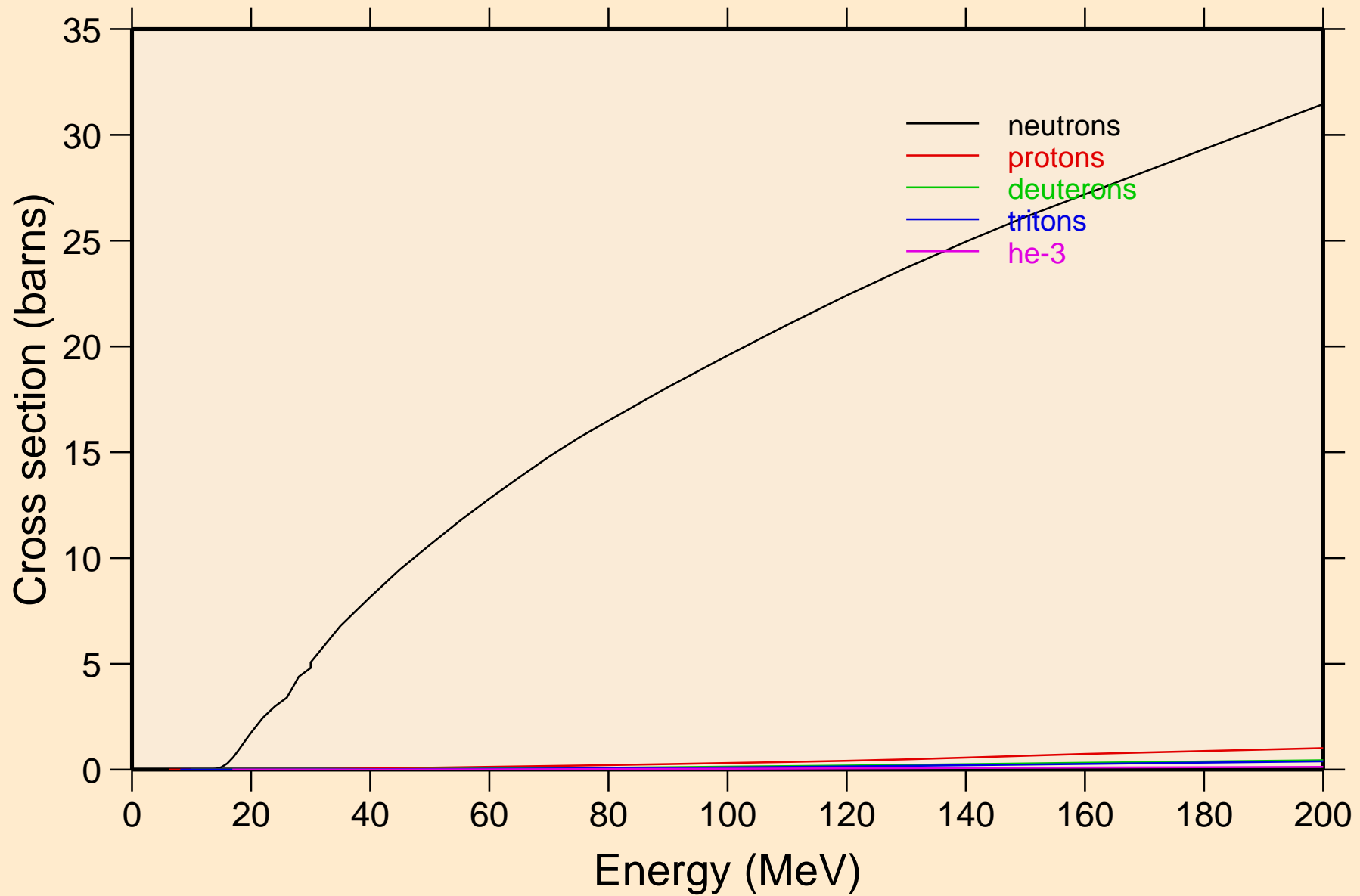
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

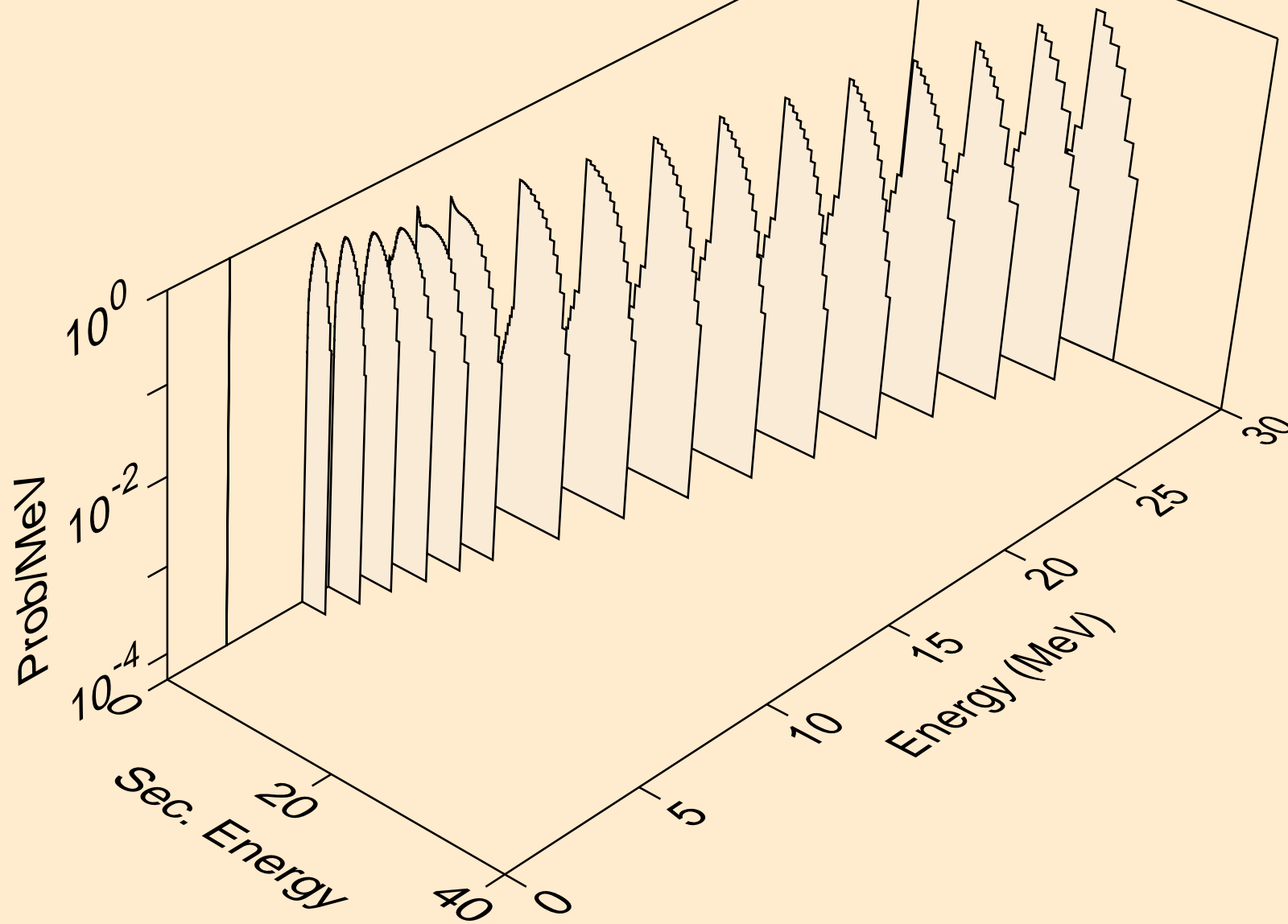


# LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

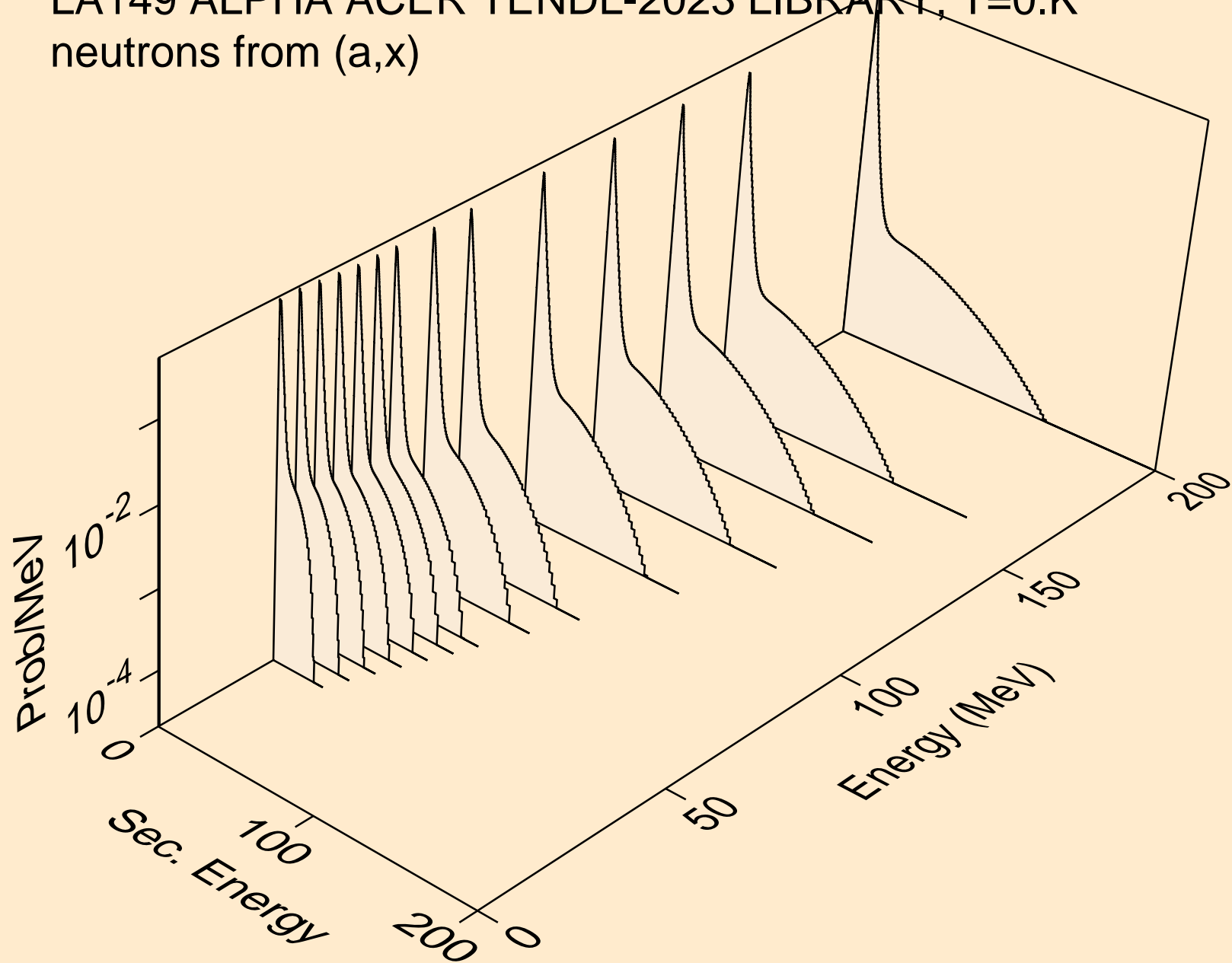
## Particle production cross sections



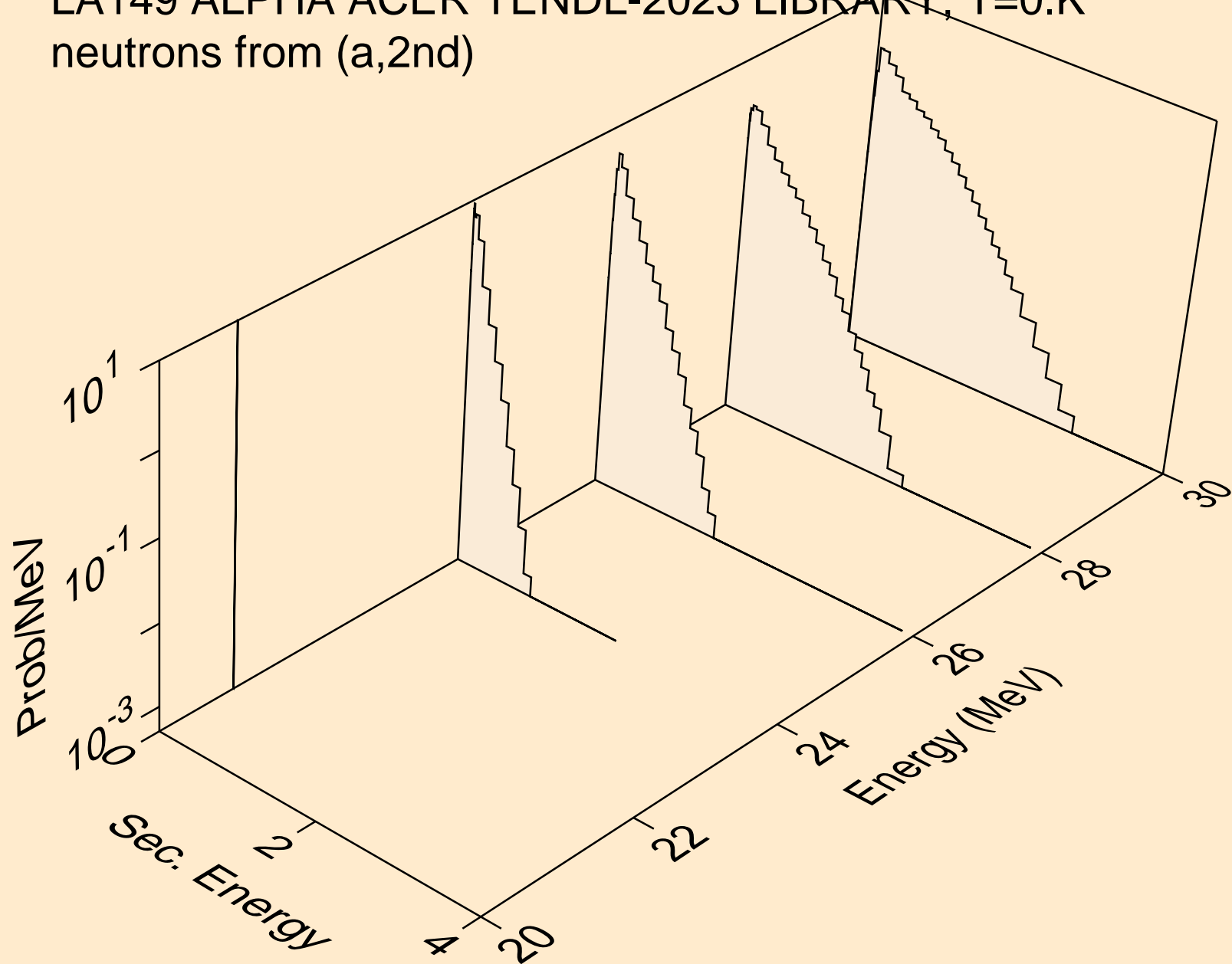
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



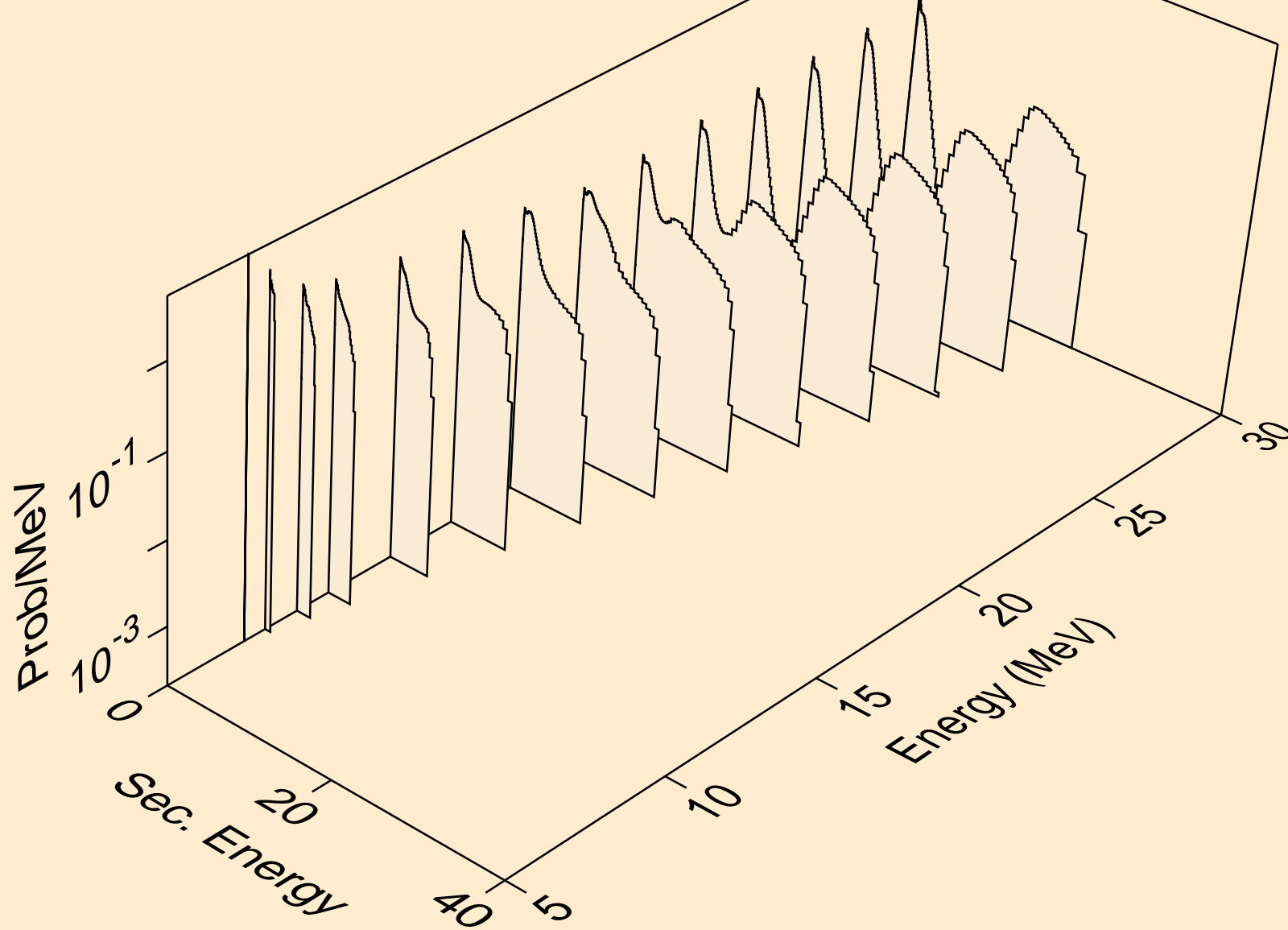
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



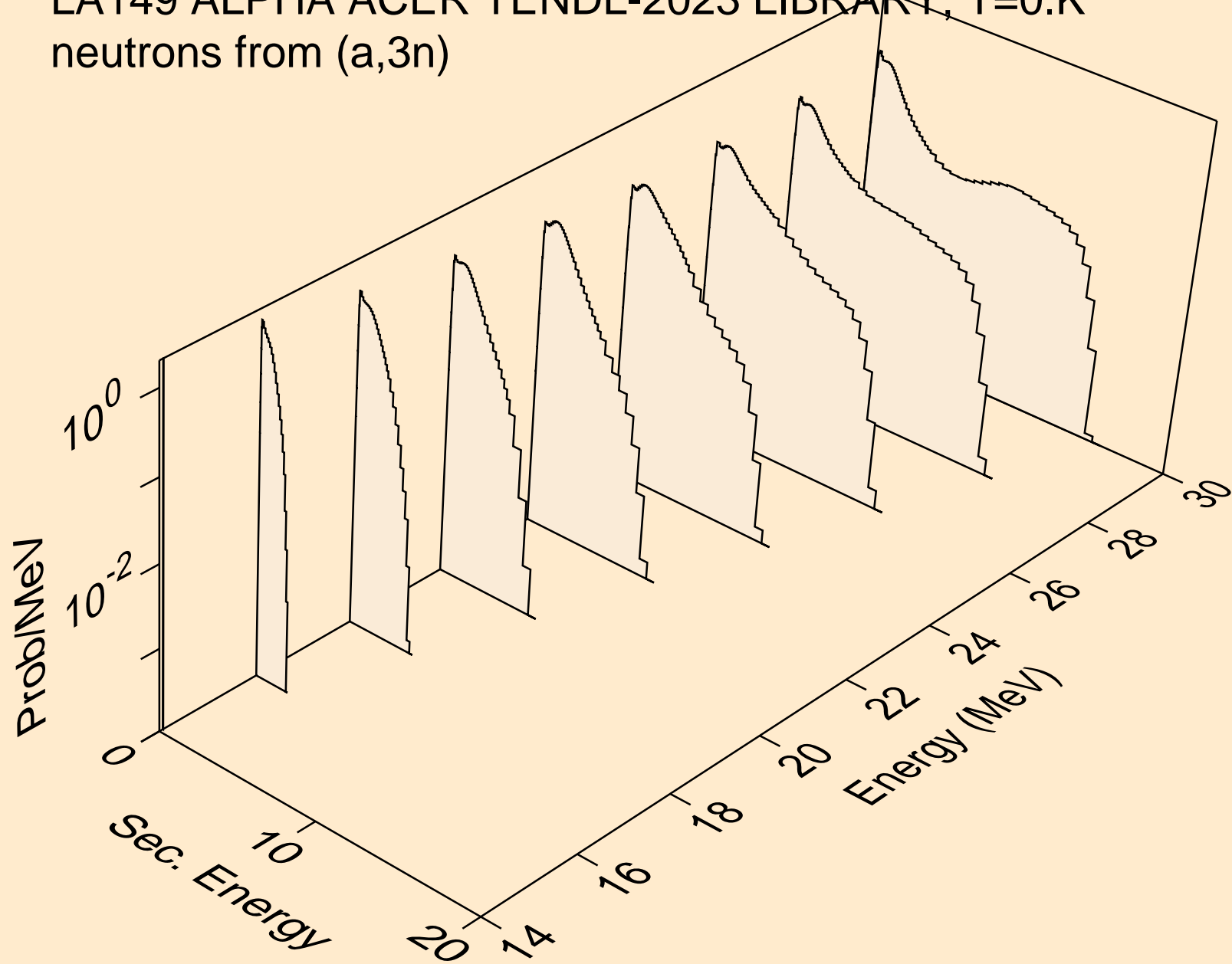
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

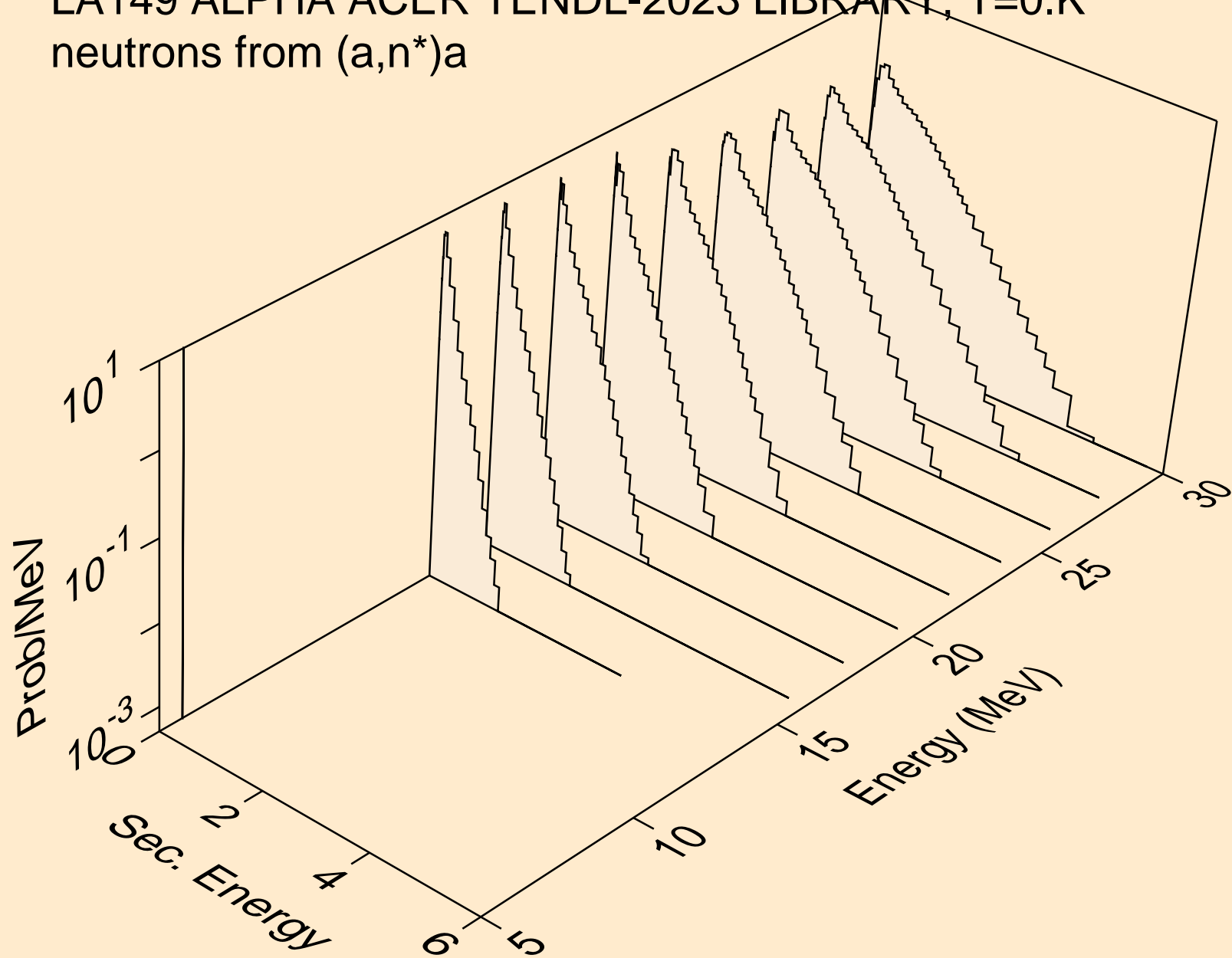


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)

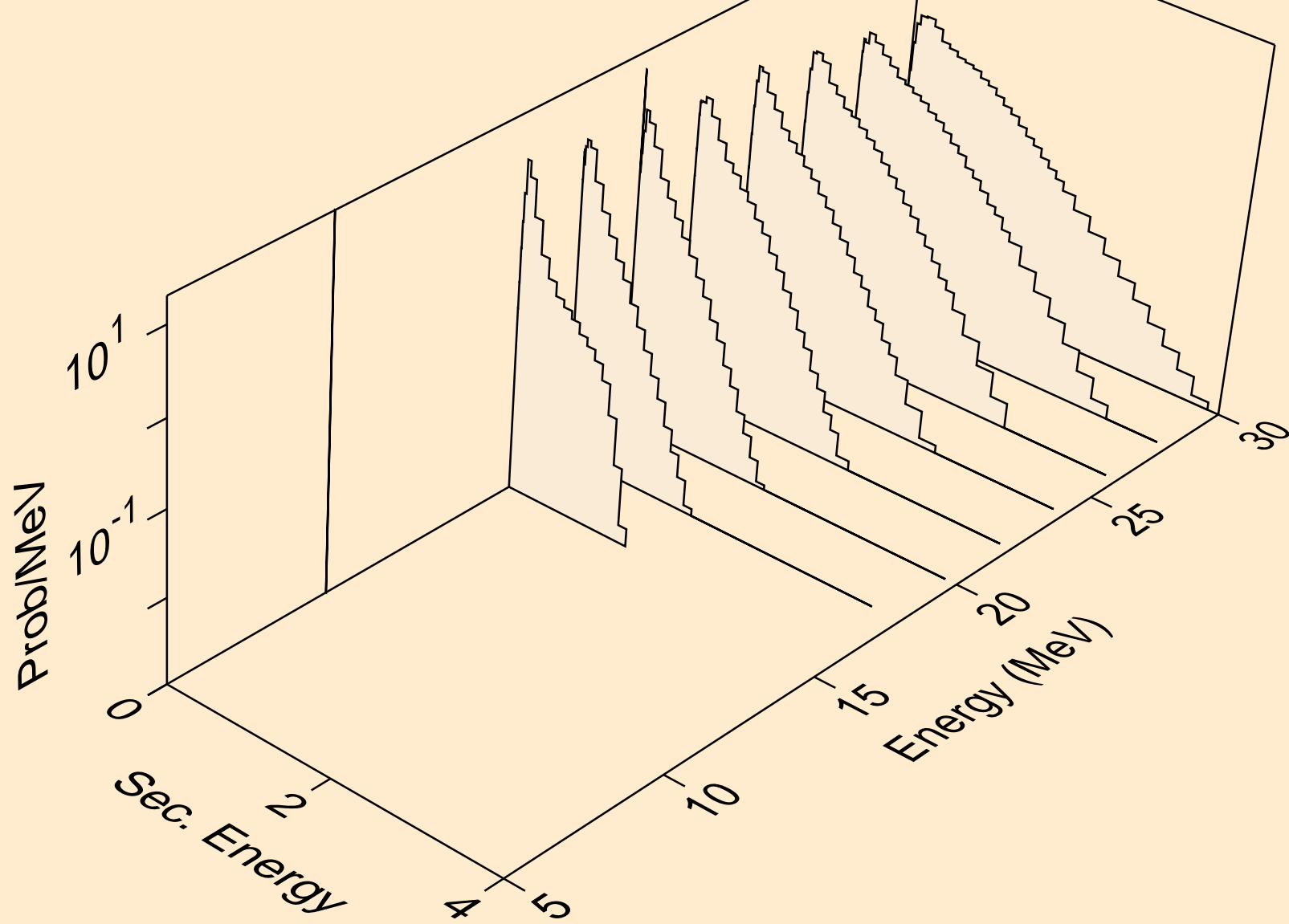




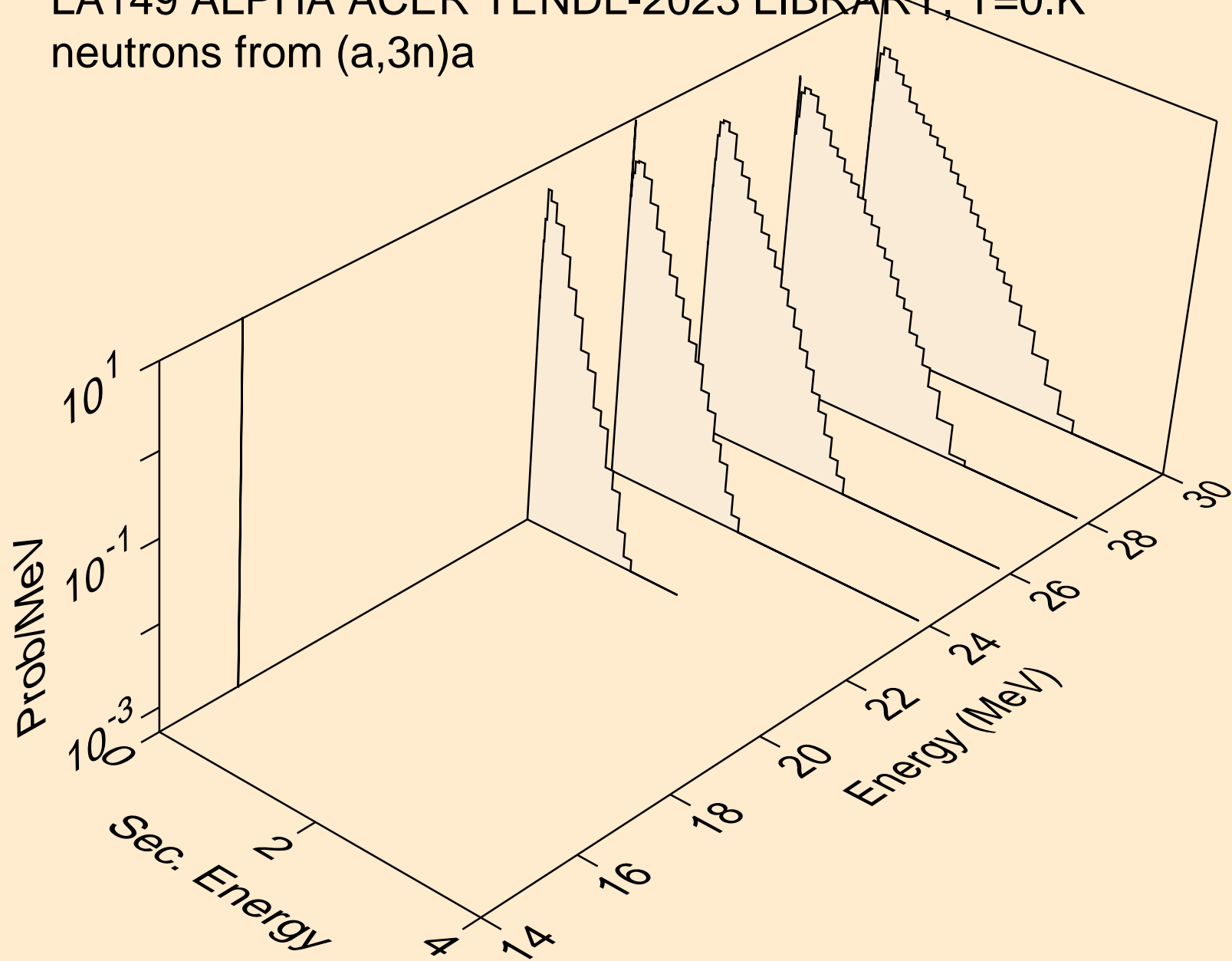
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



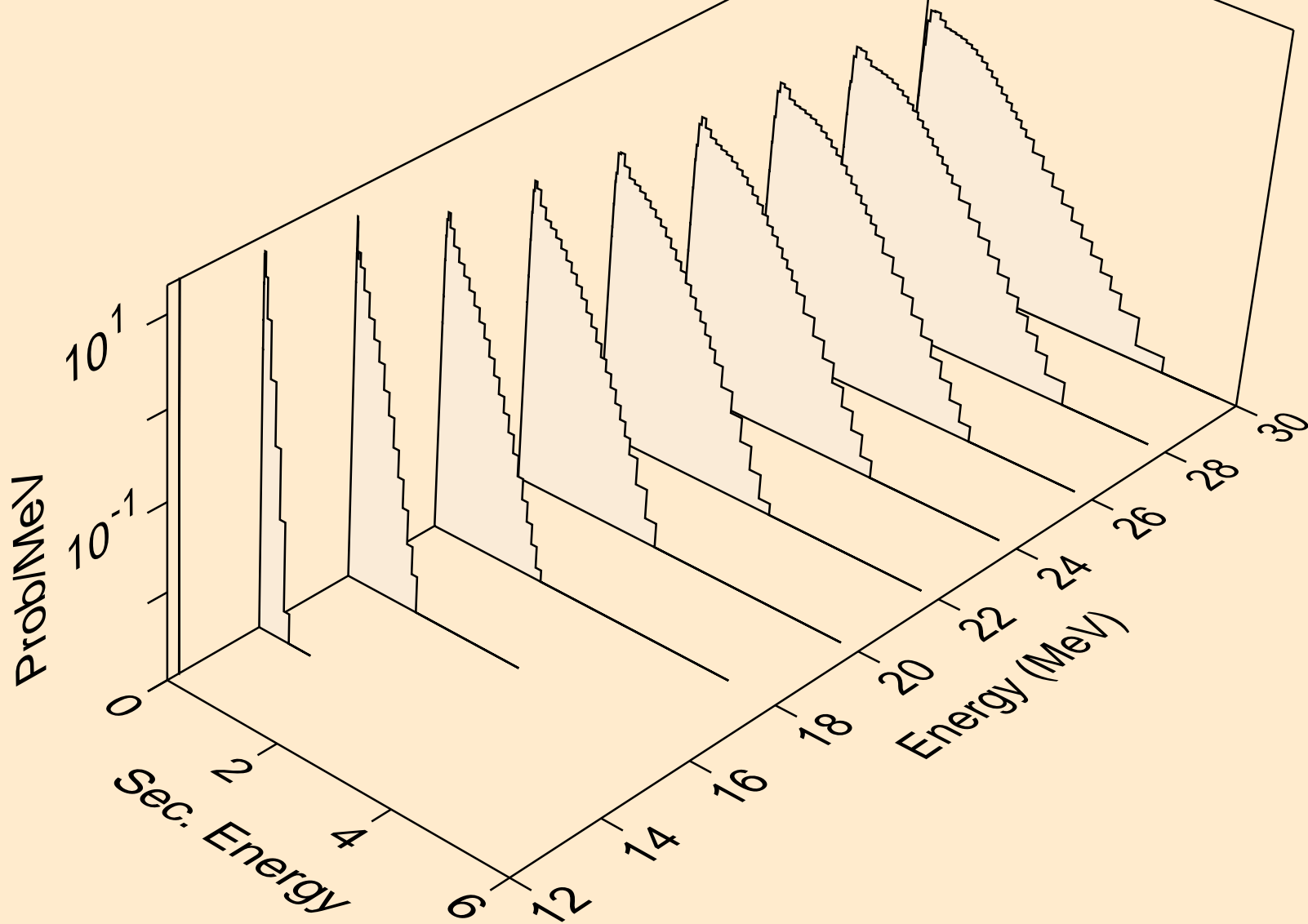
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



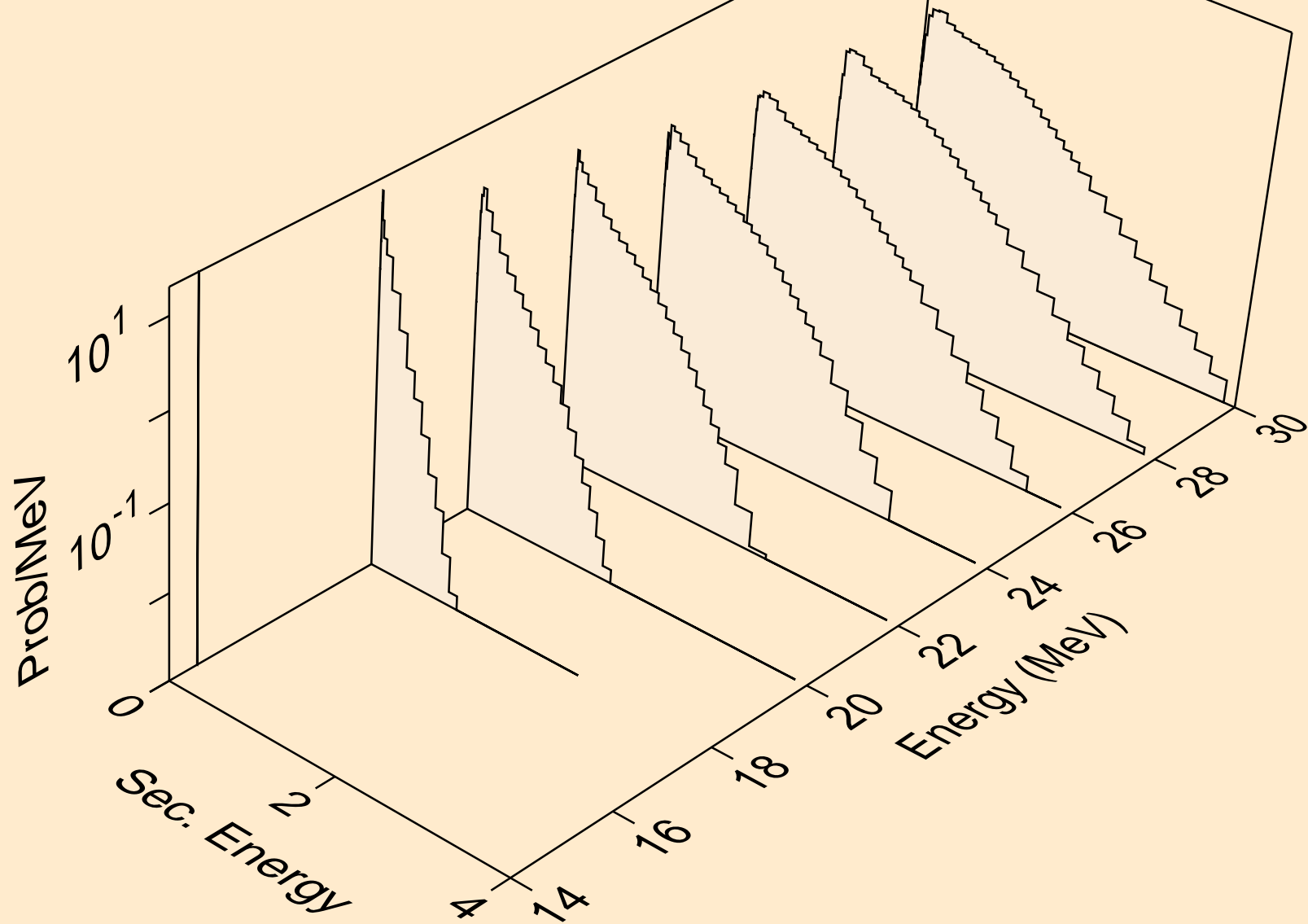
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



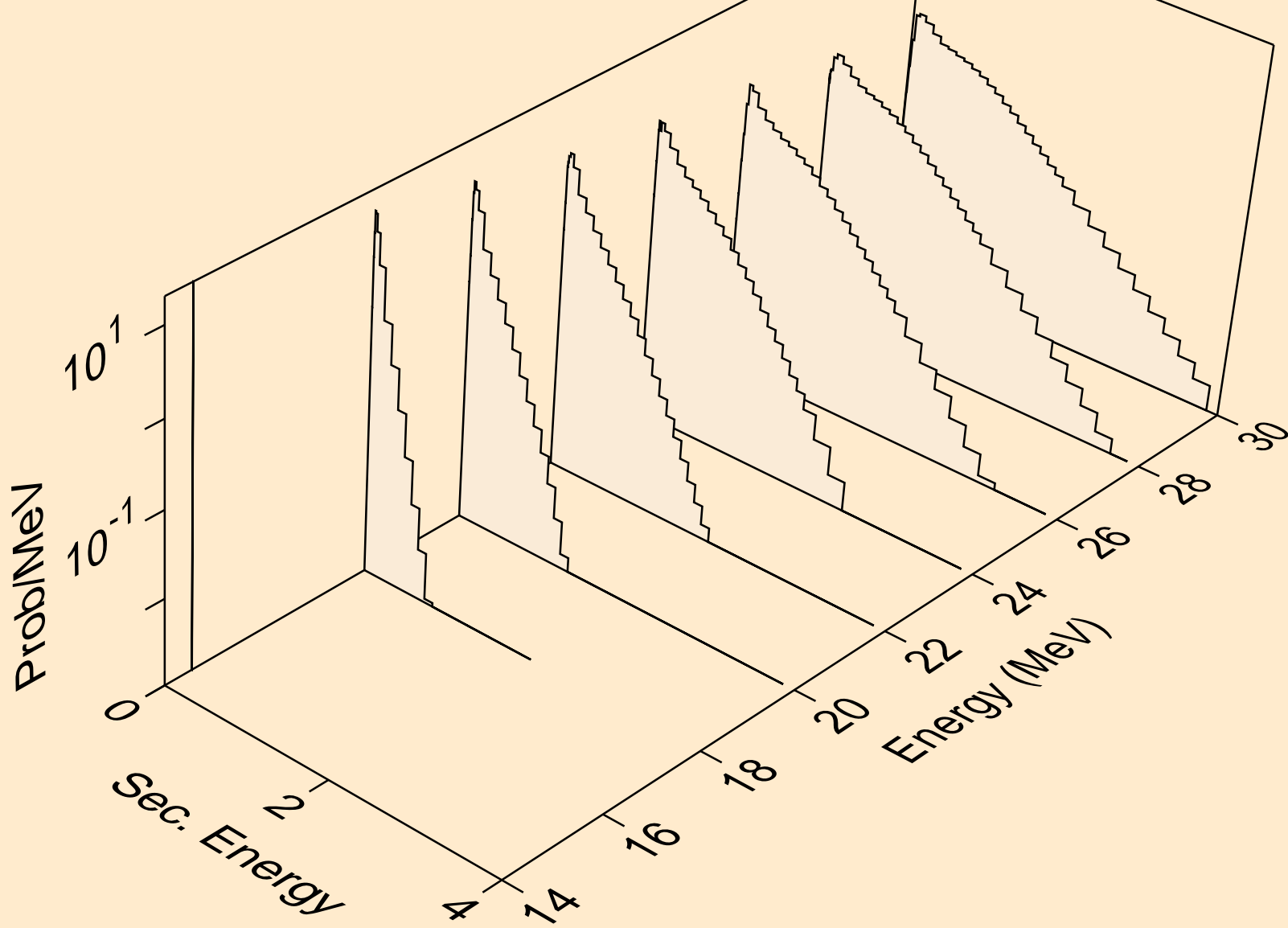
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



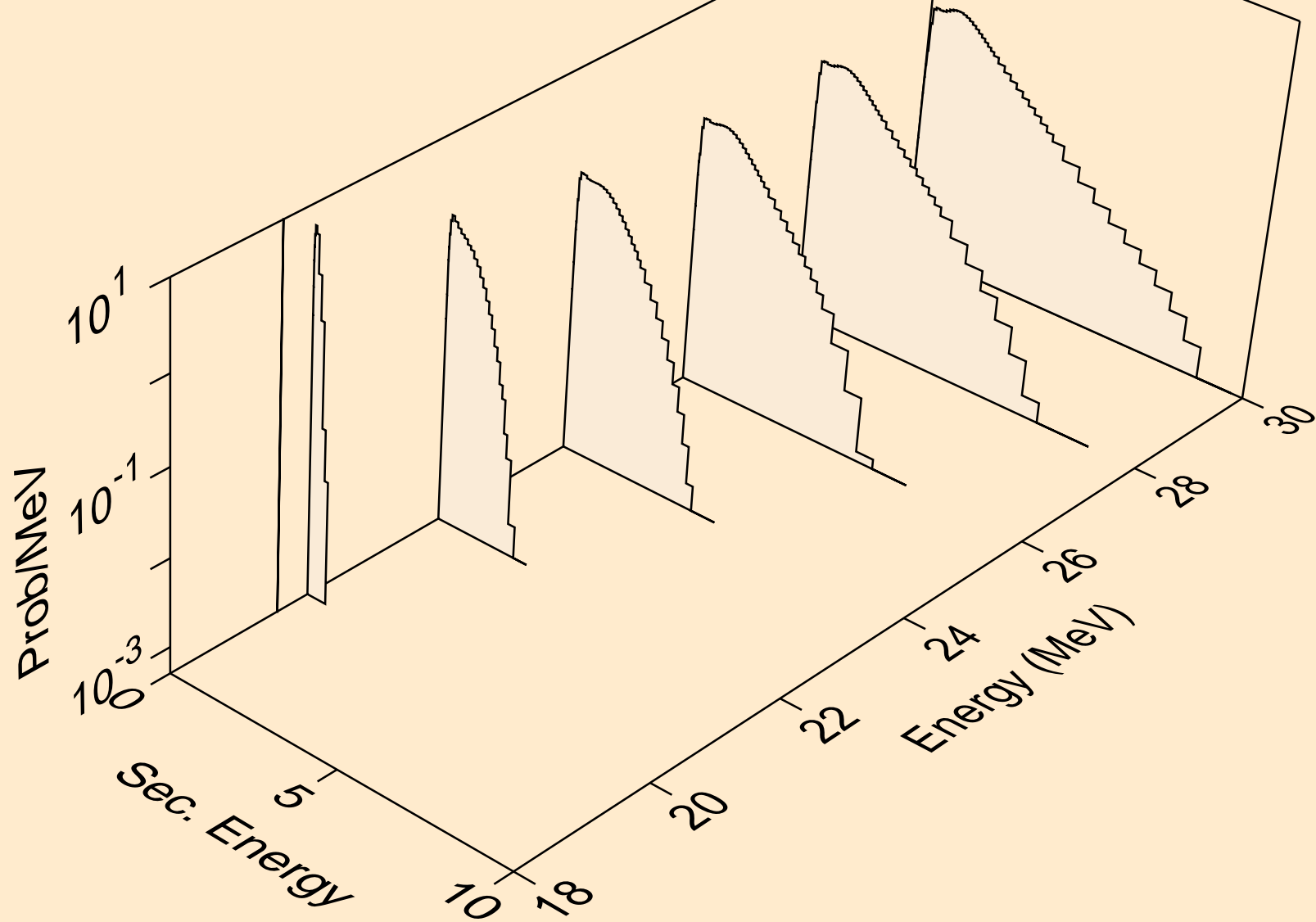
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



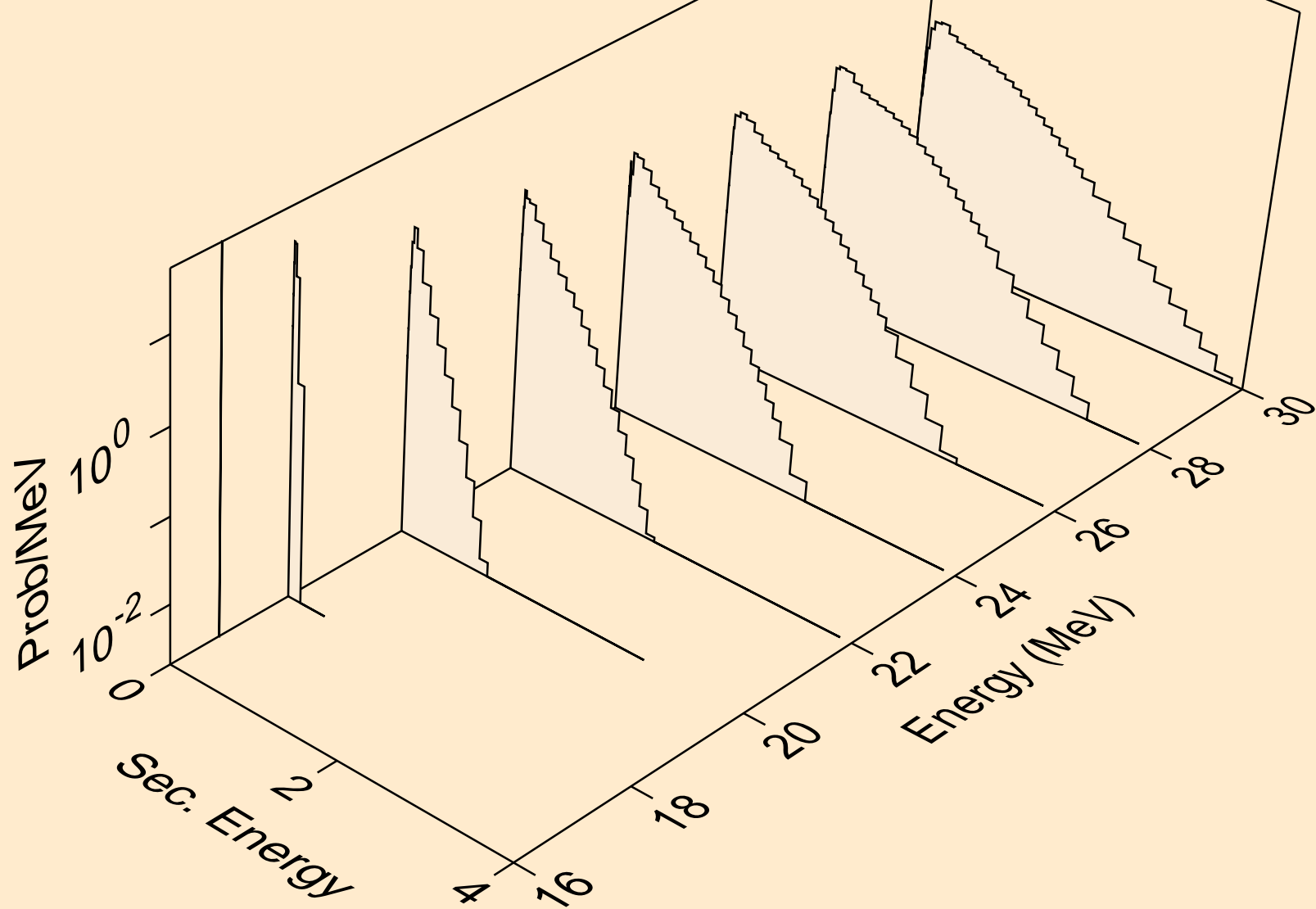
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)

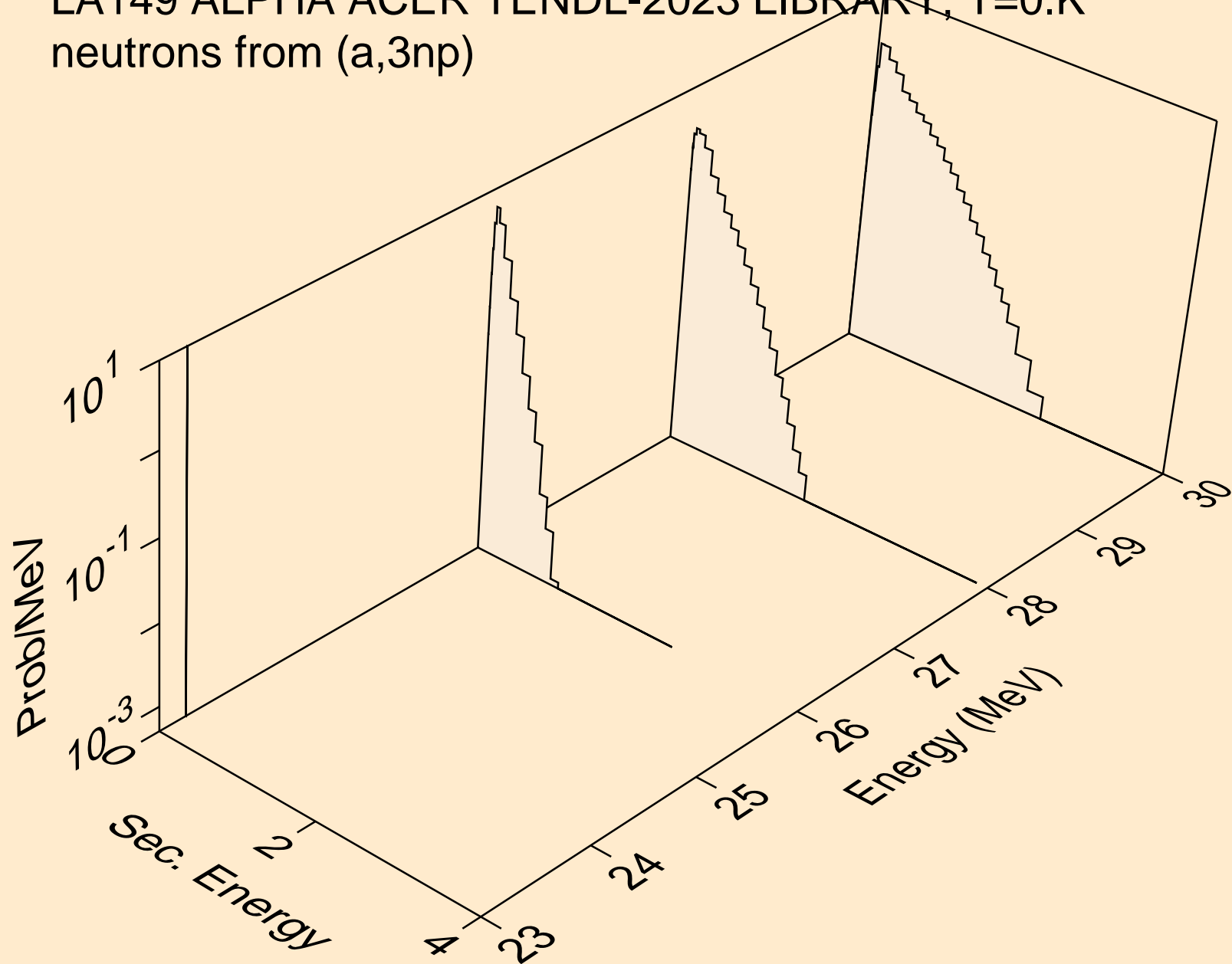


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

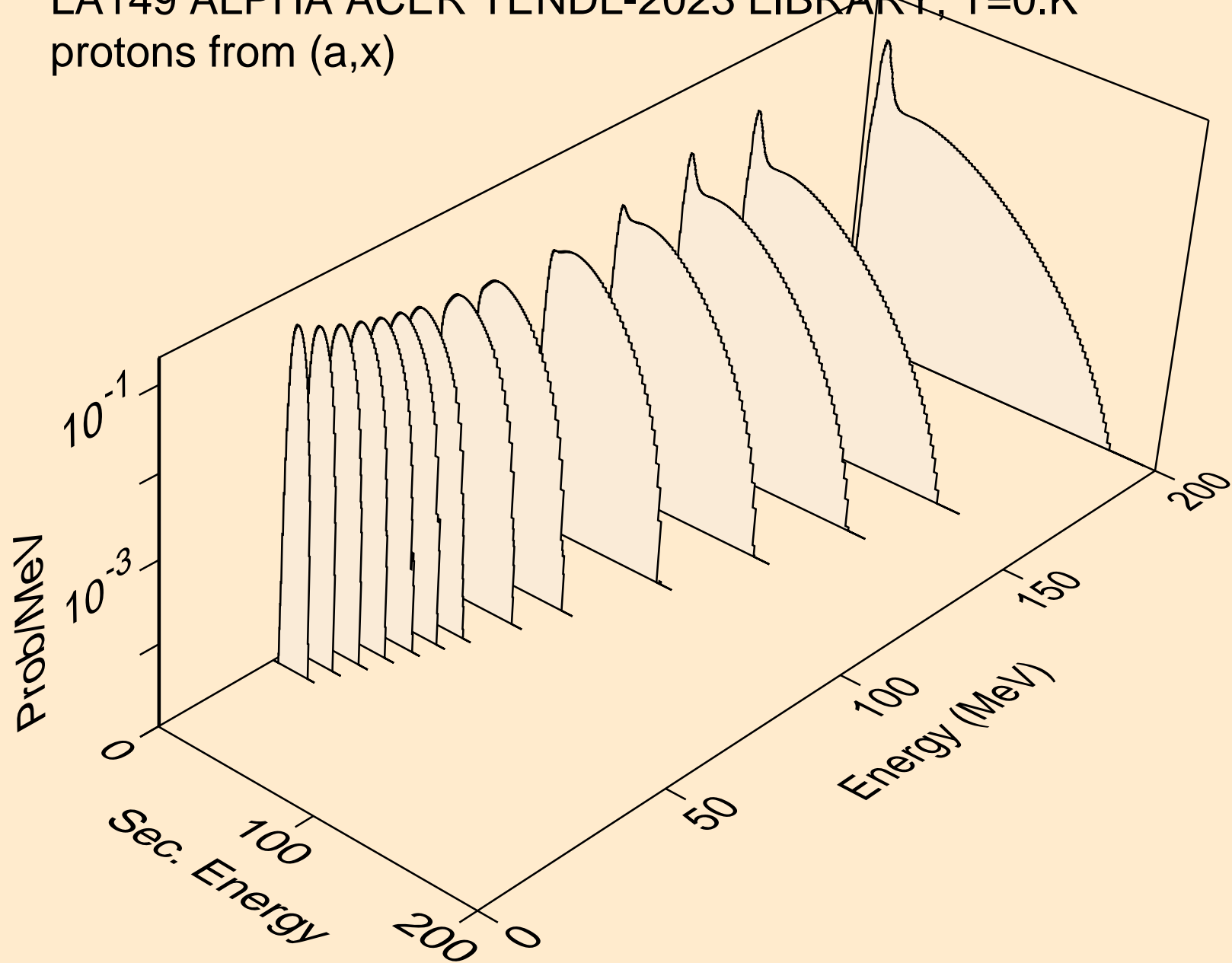




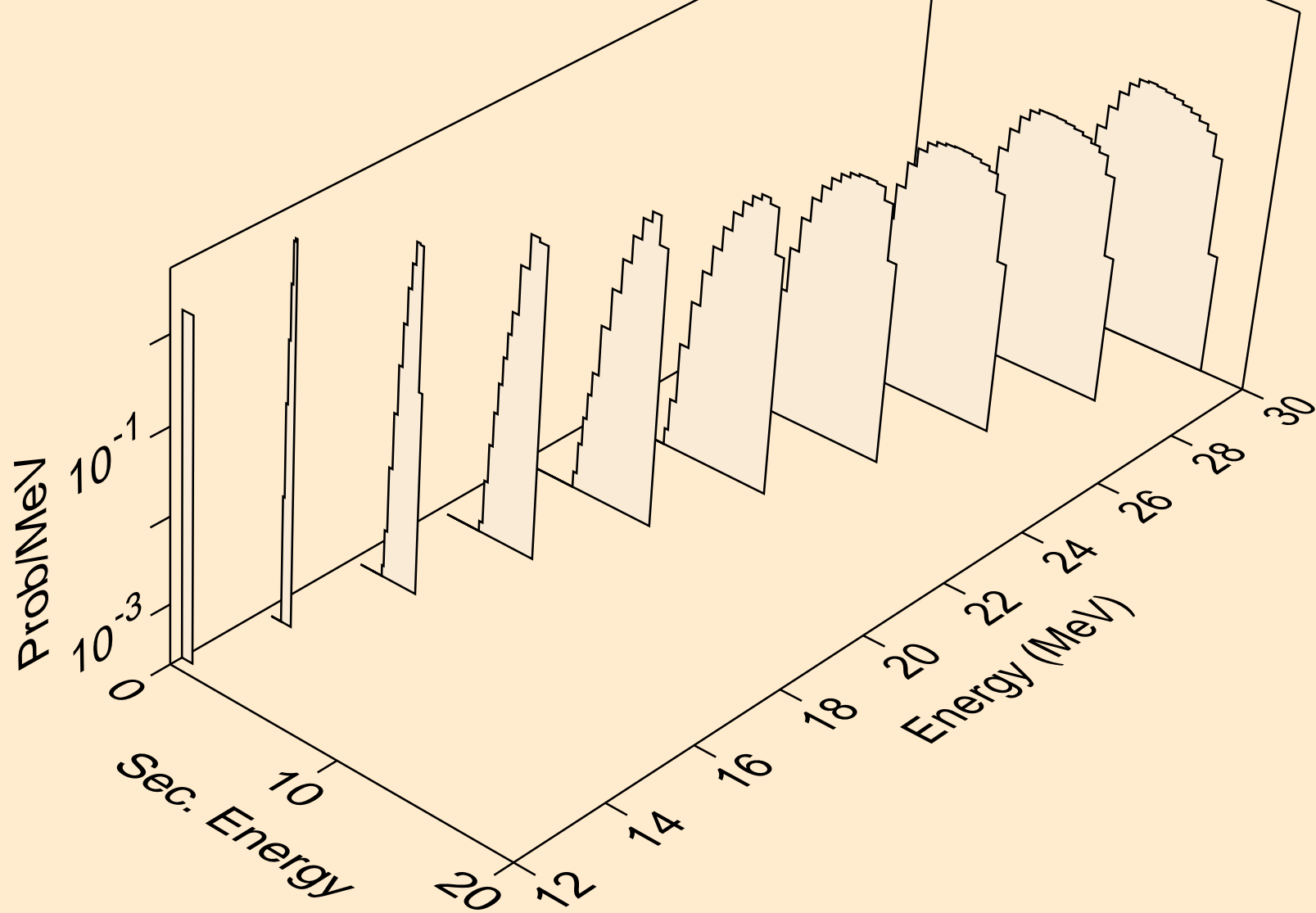
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



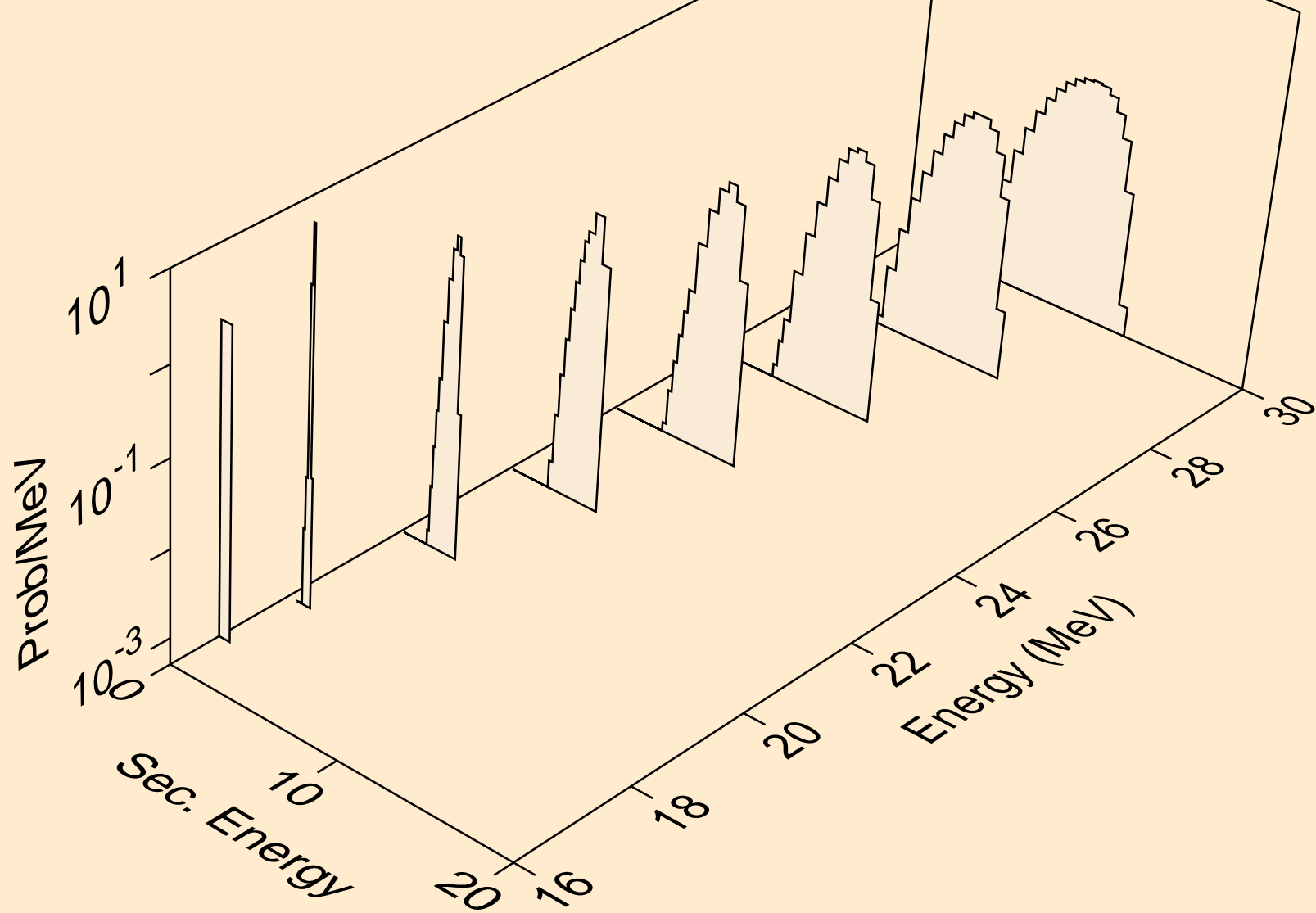
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



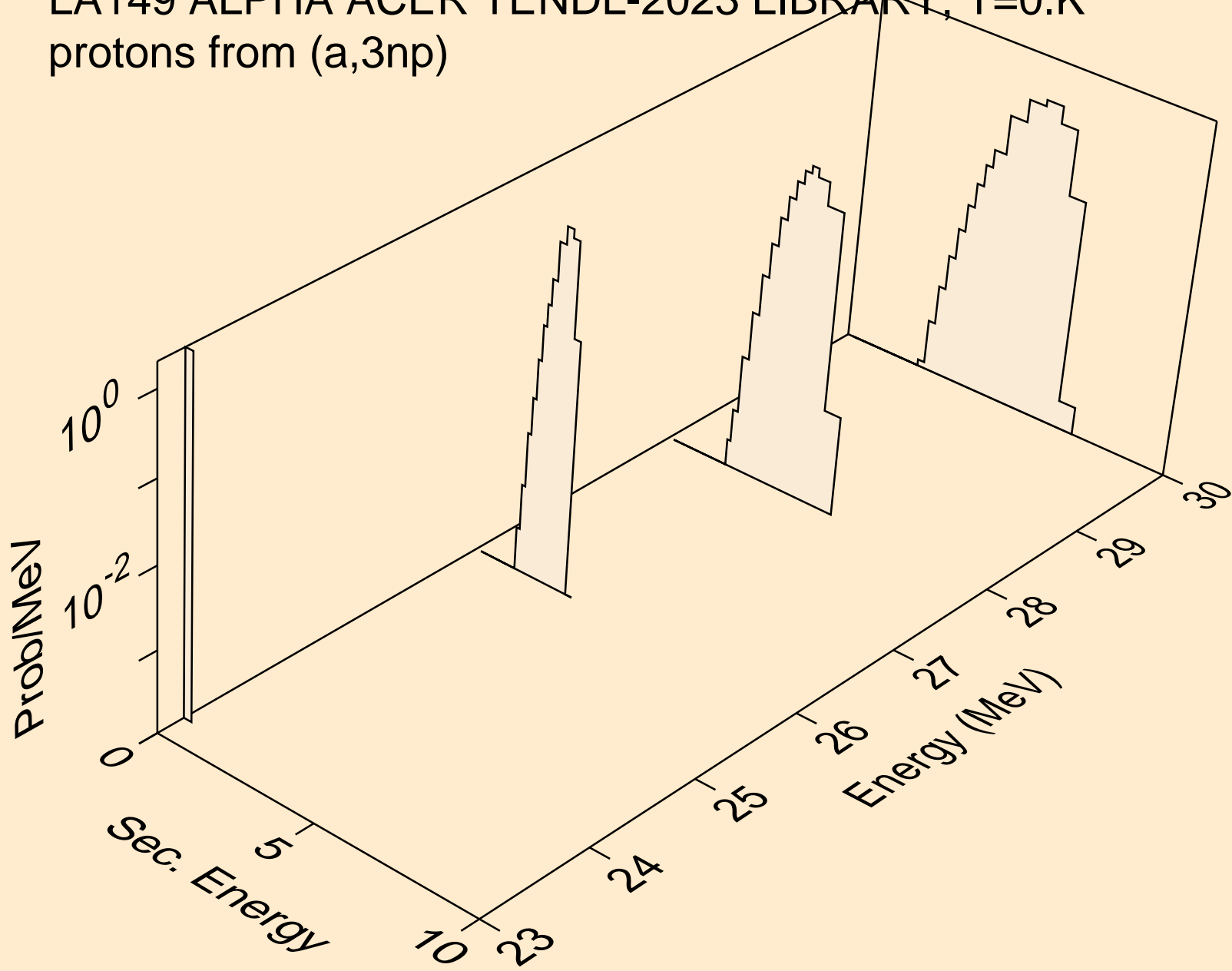
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



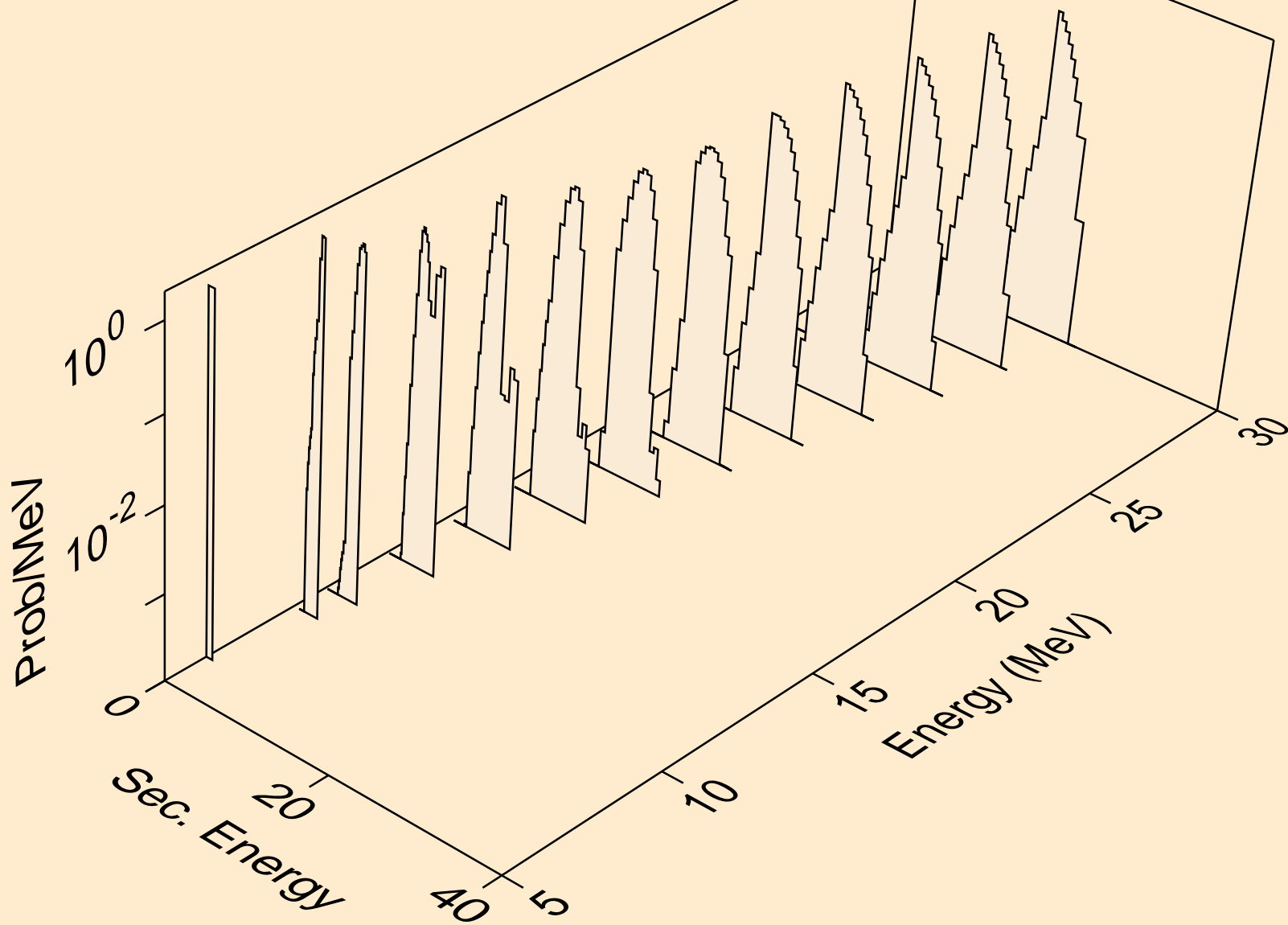
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



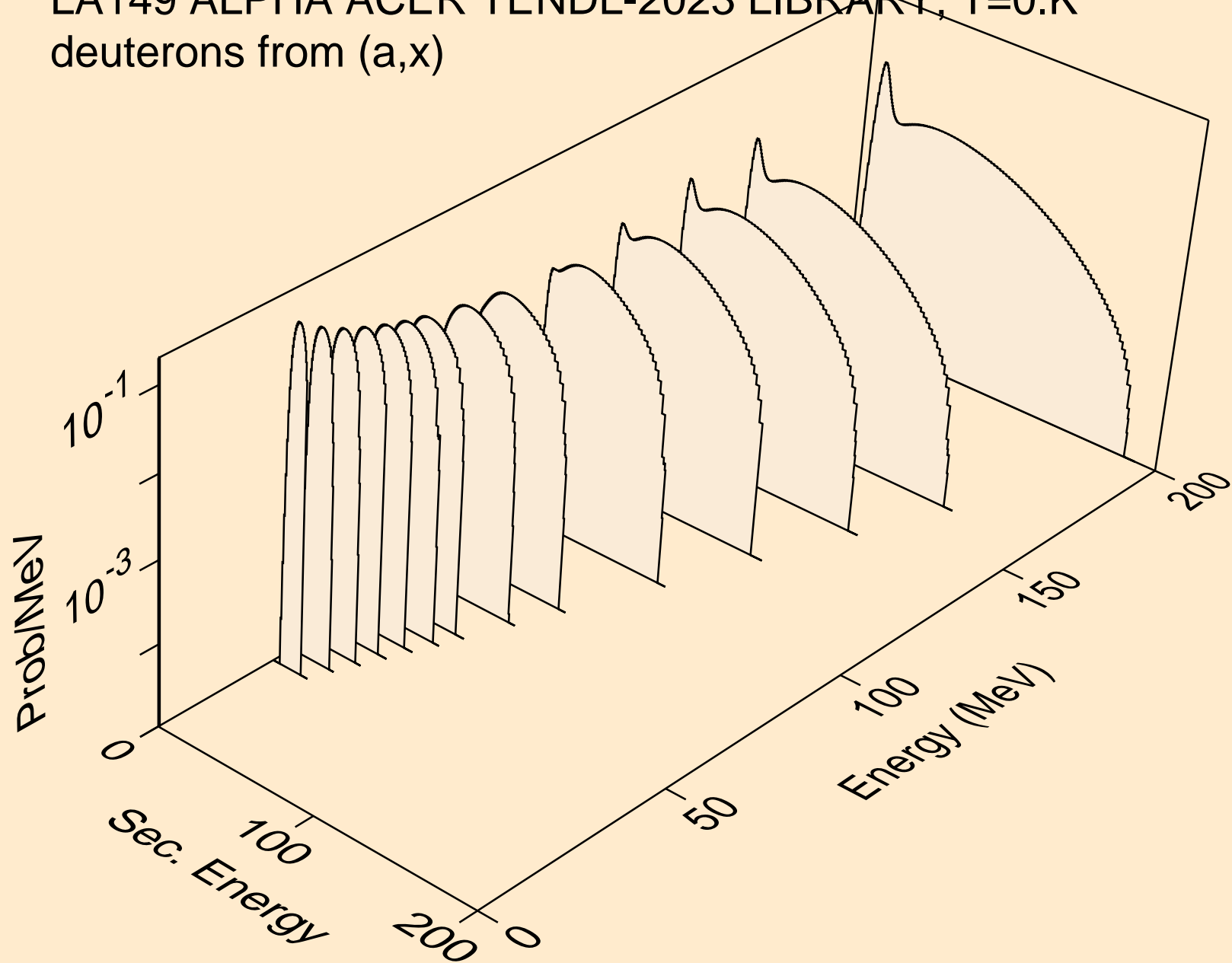
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)



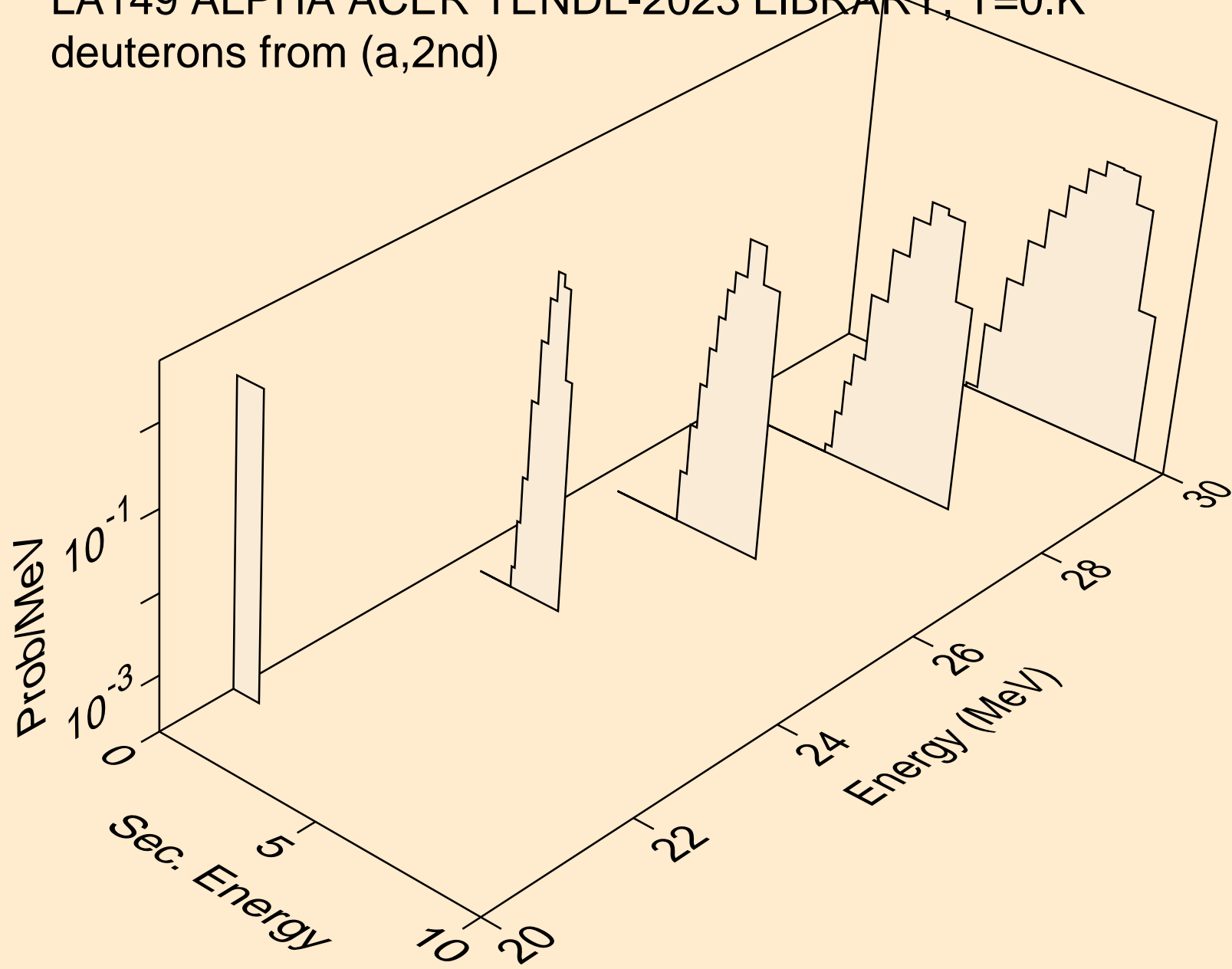
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

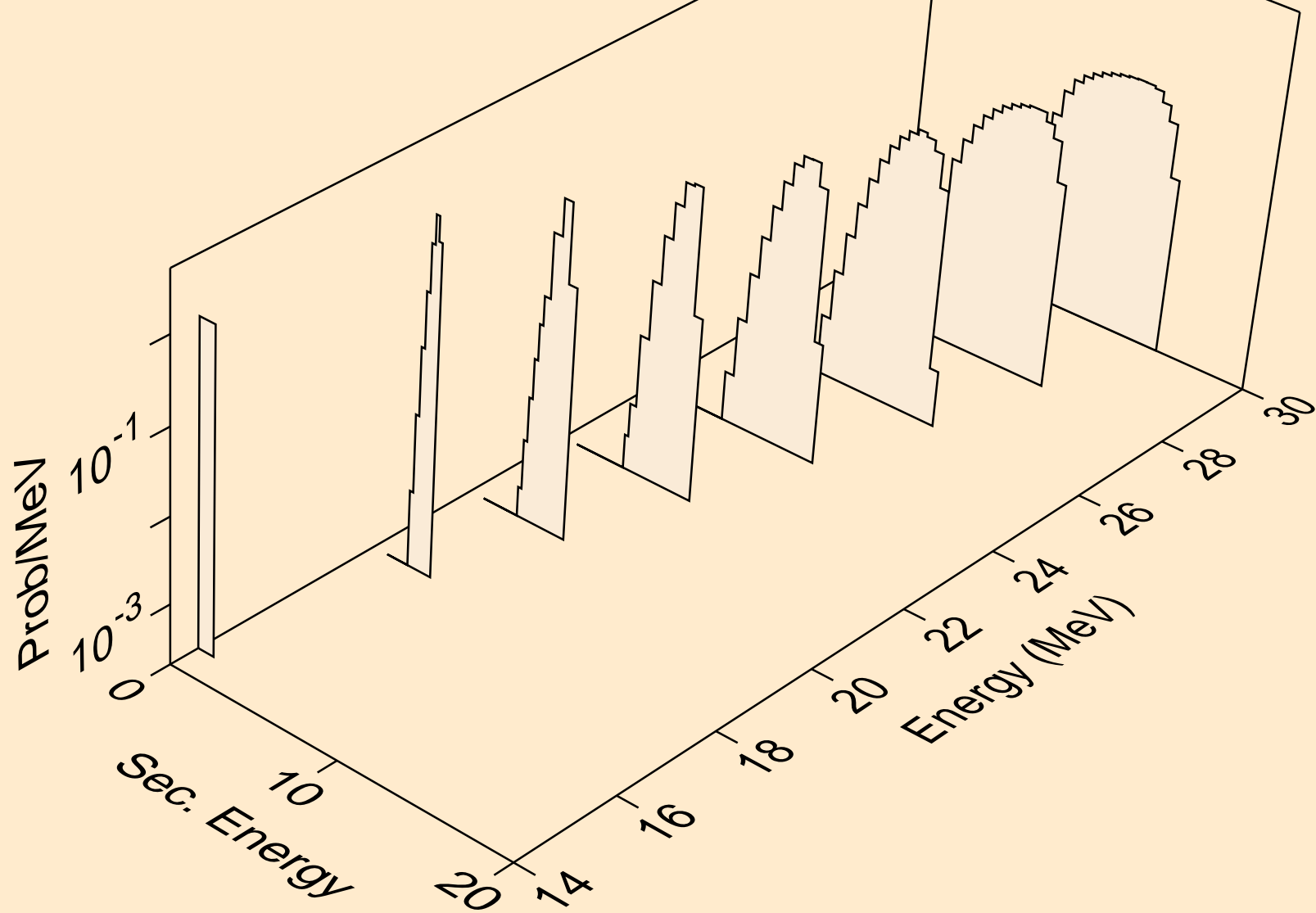


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)

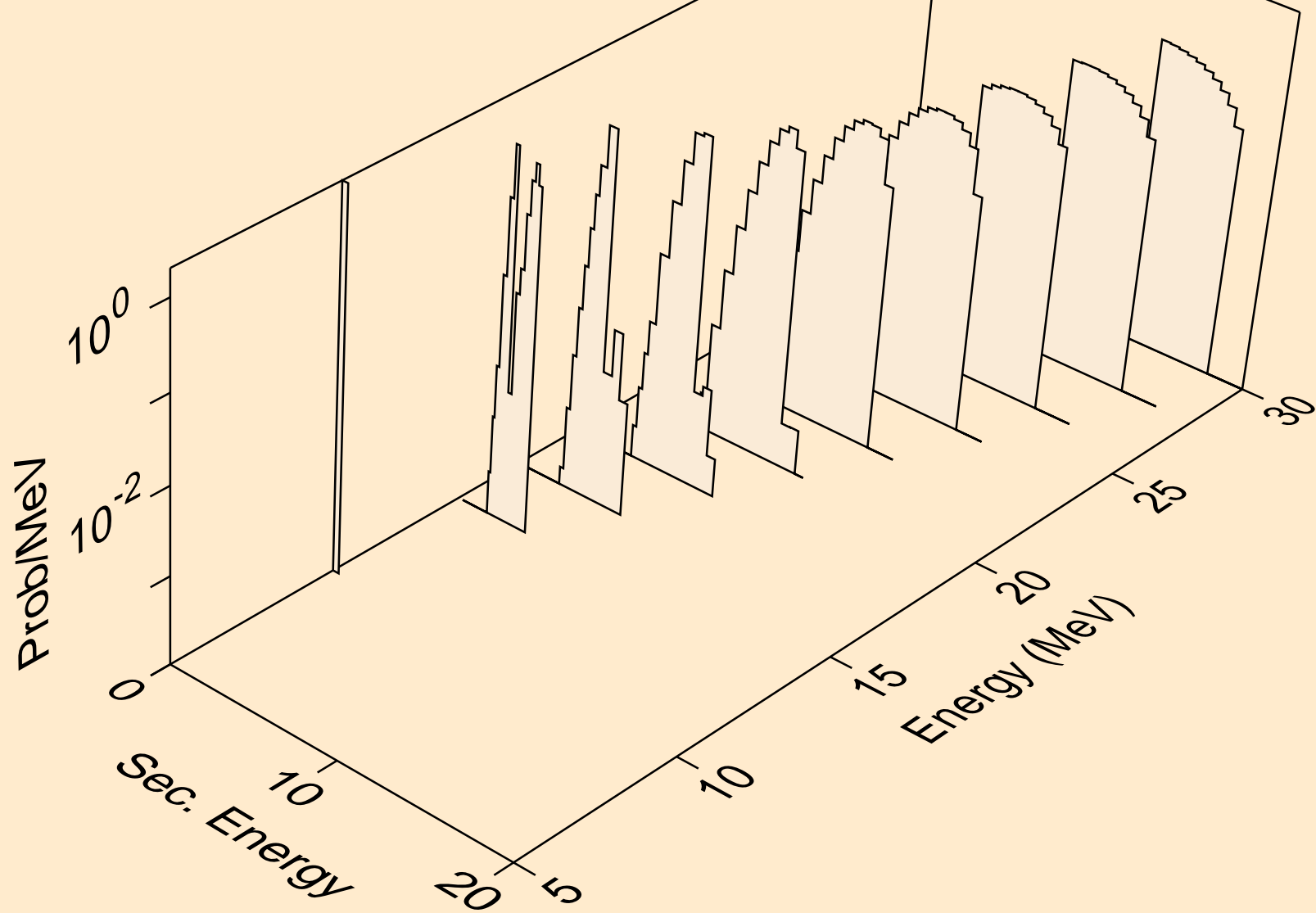




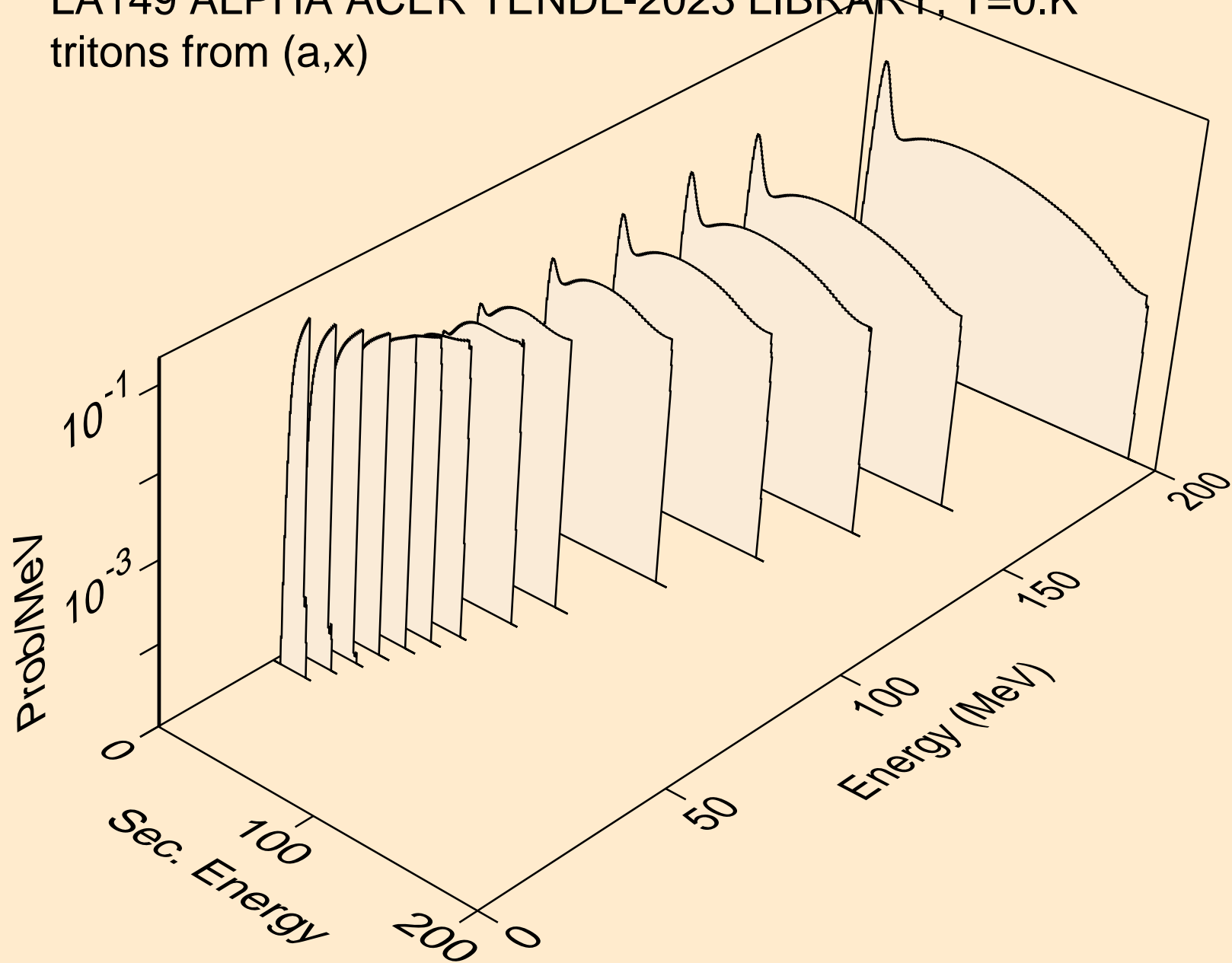
LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

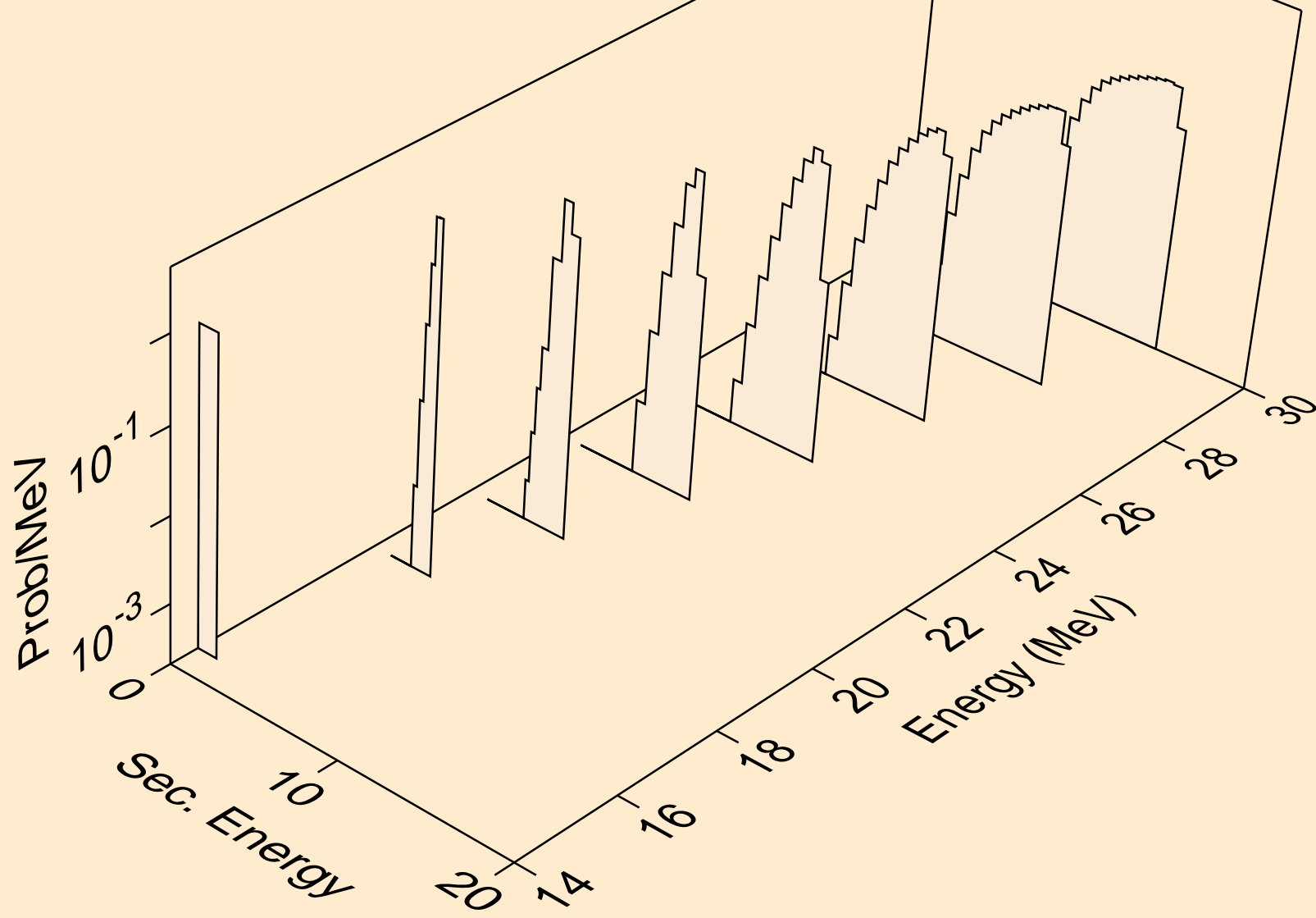


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

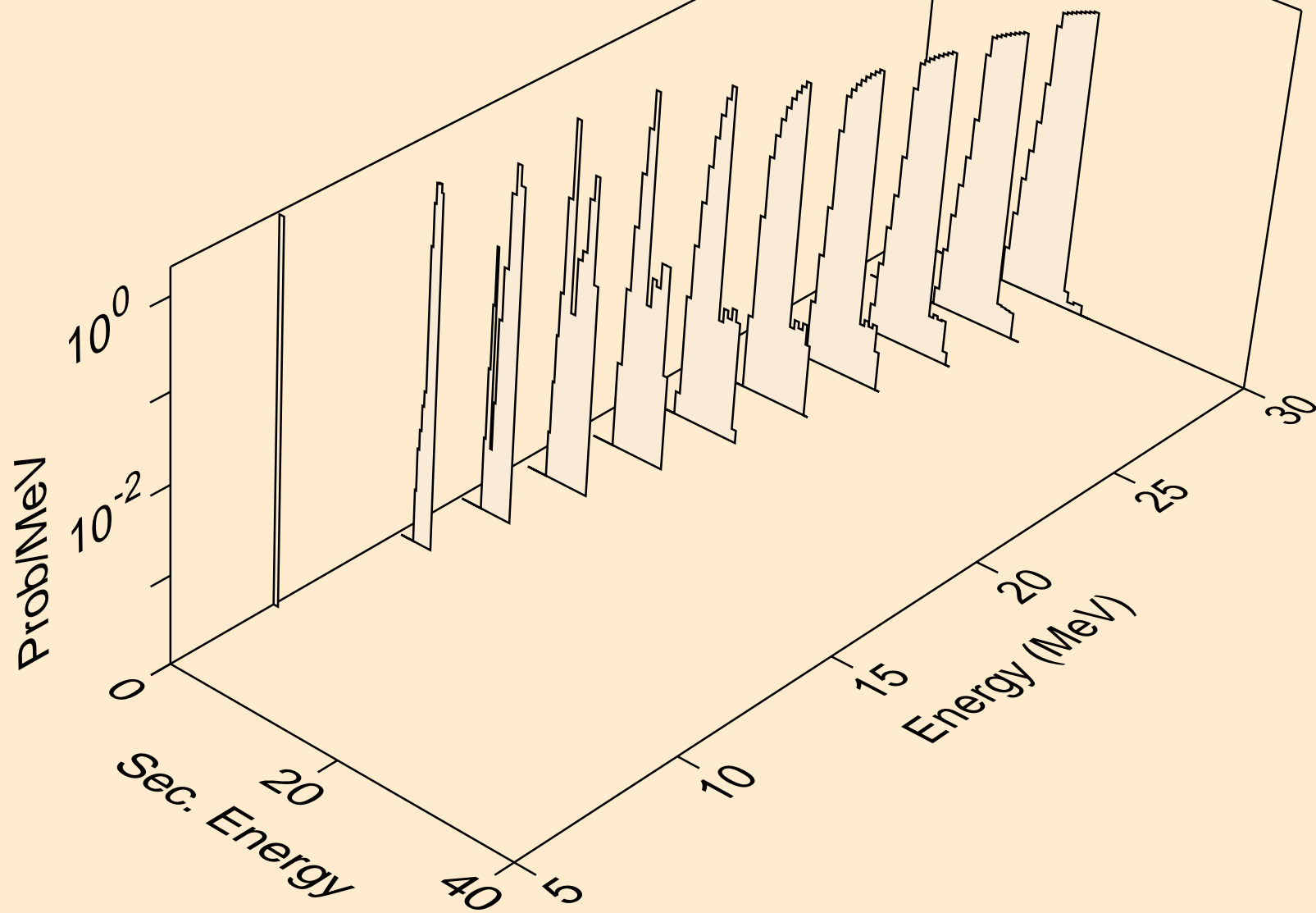


LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

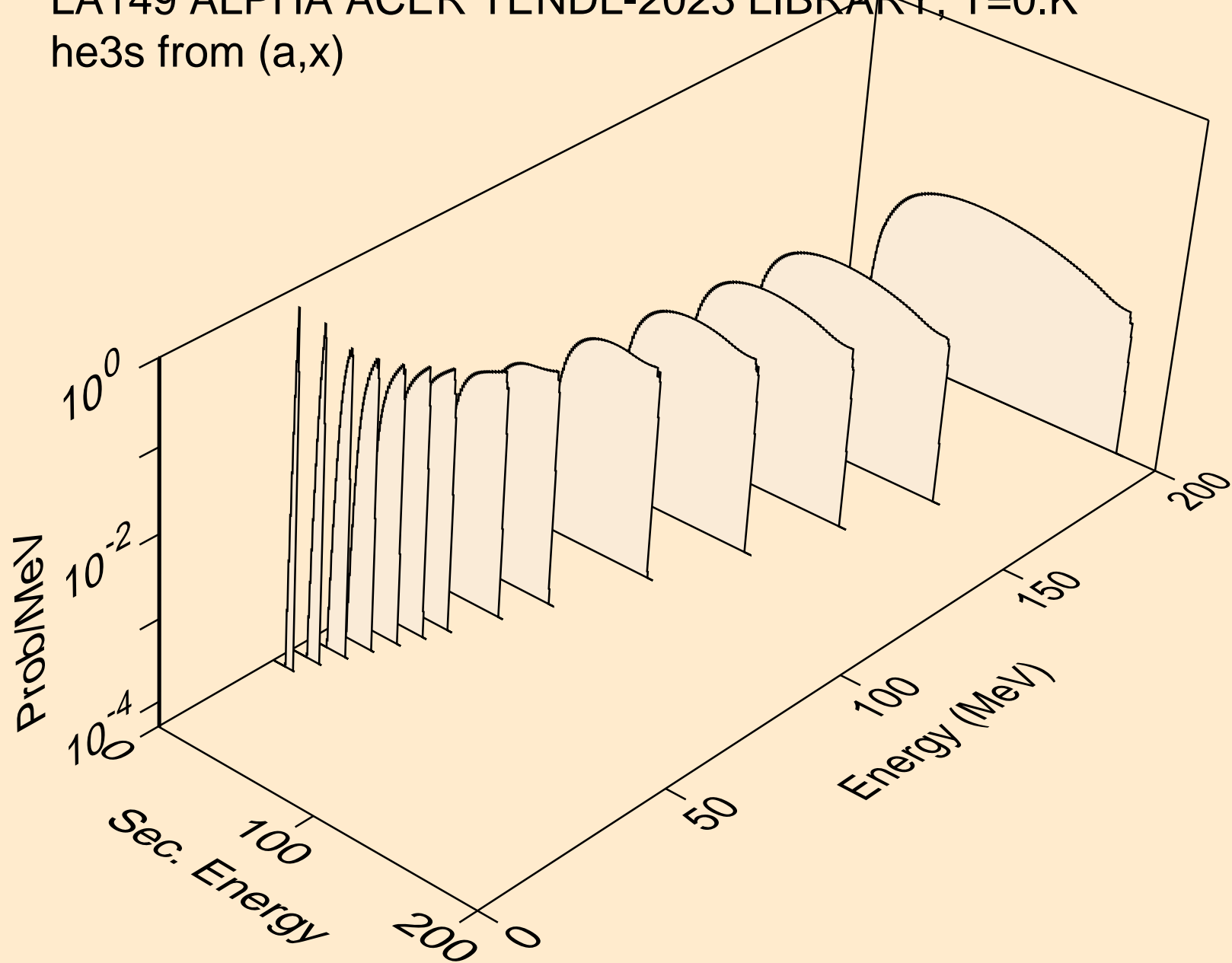
tritons from (a,n\*)t



LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



LA149 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

