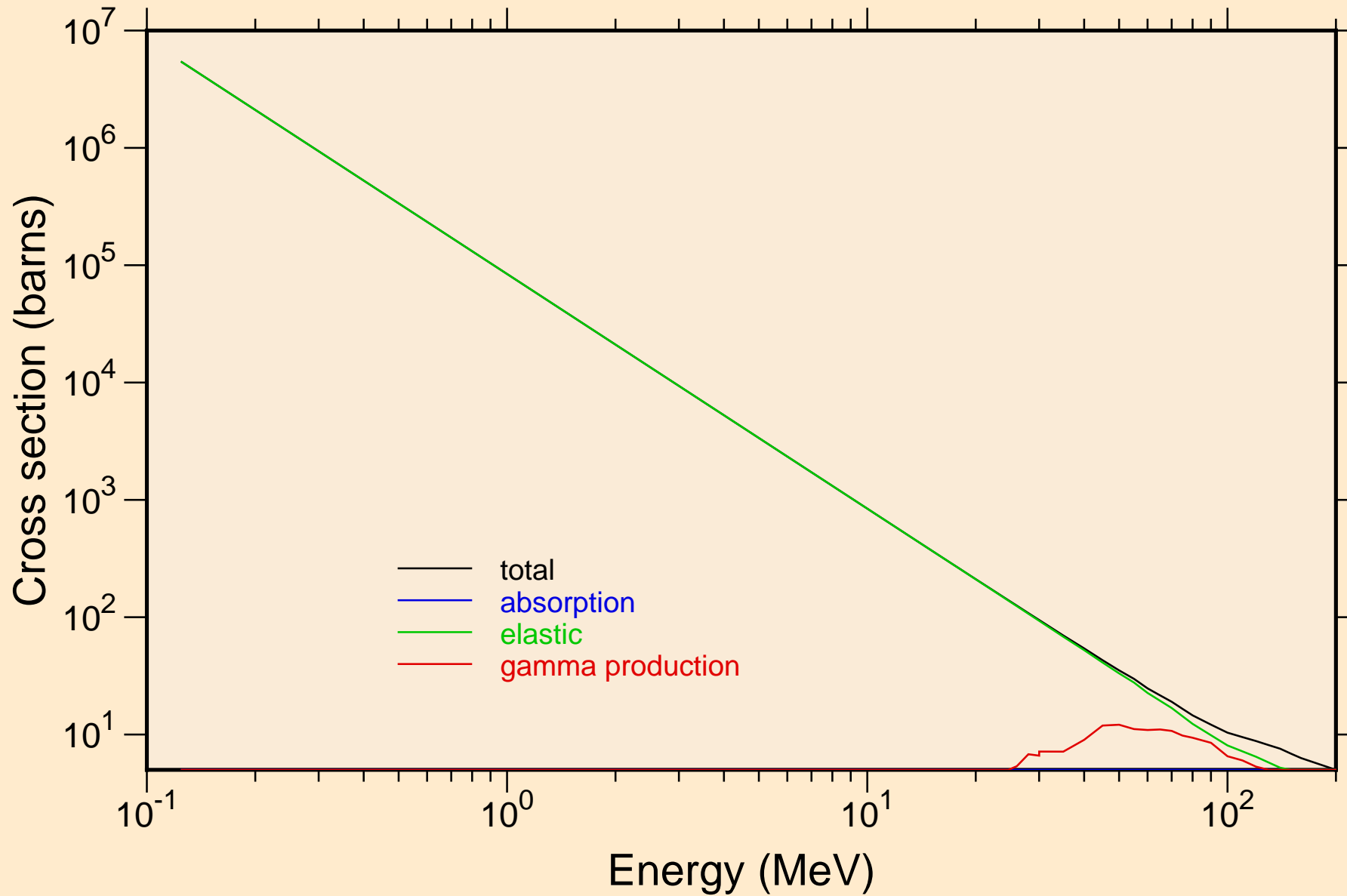


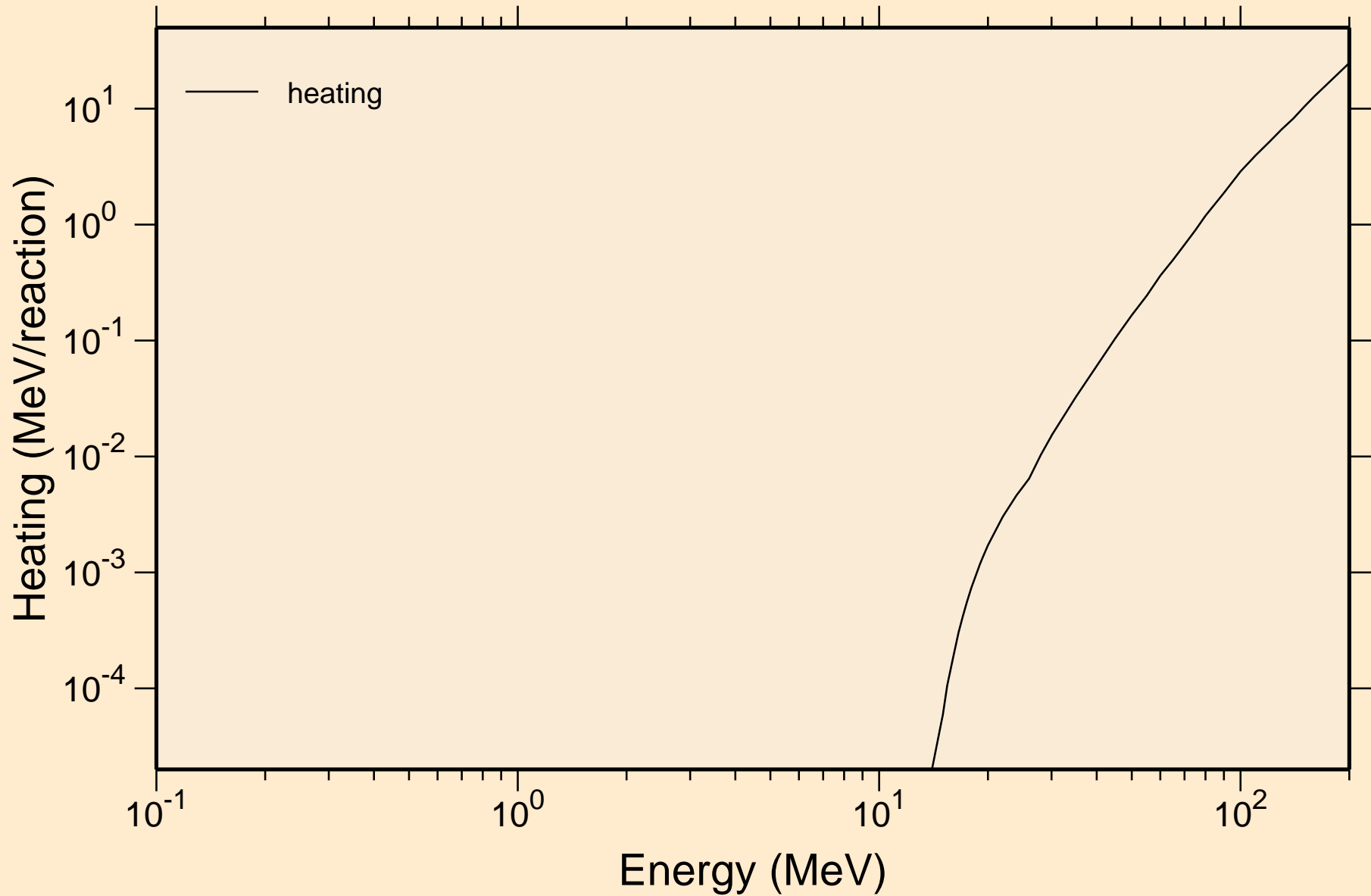
# LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



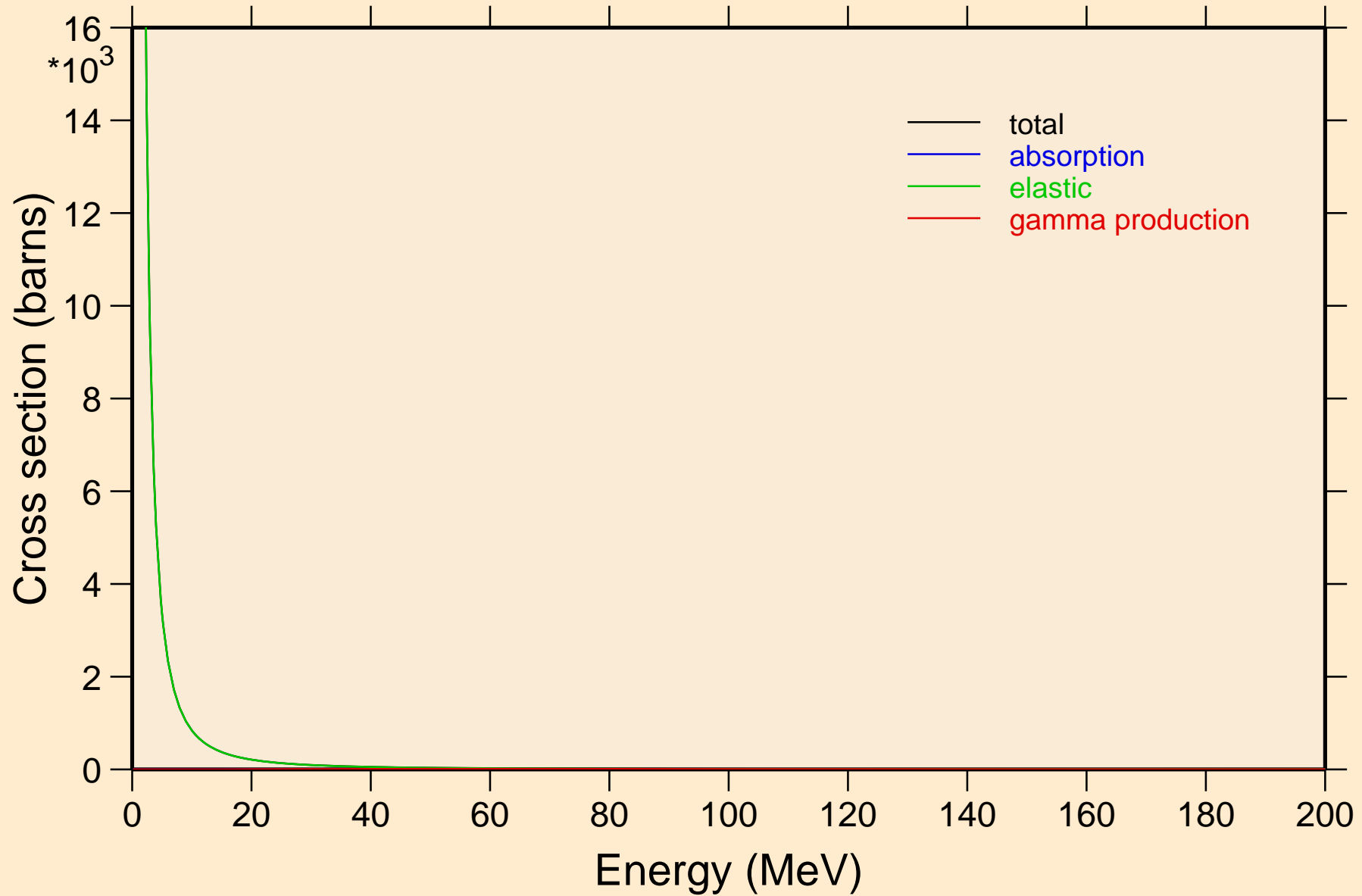
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



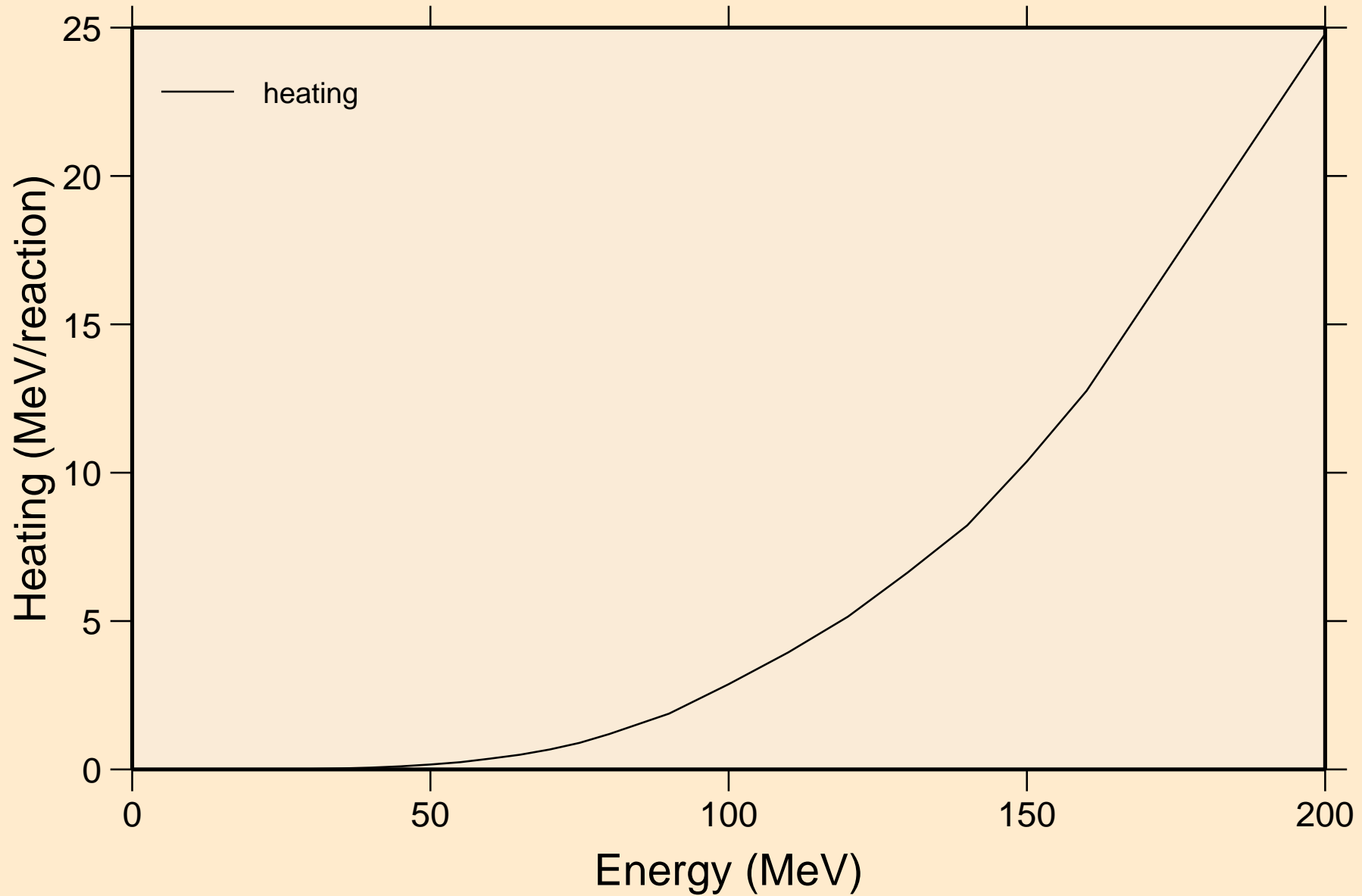
# LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



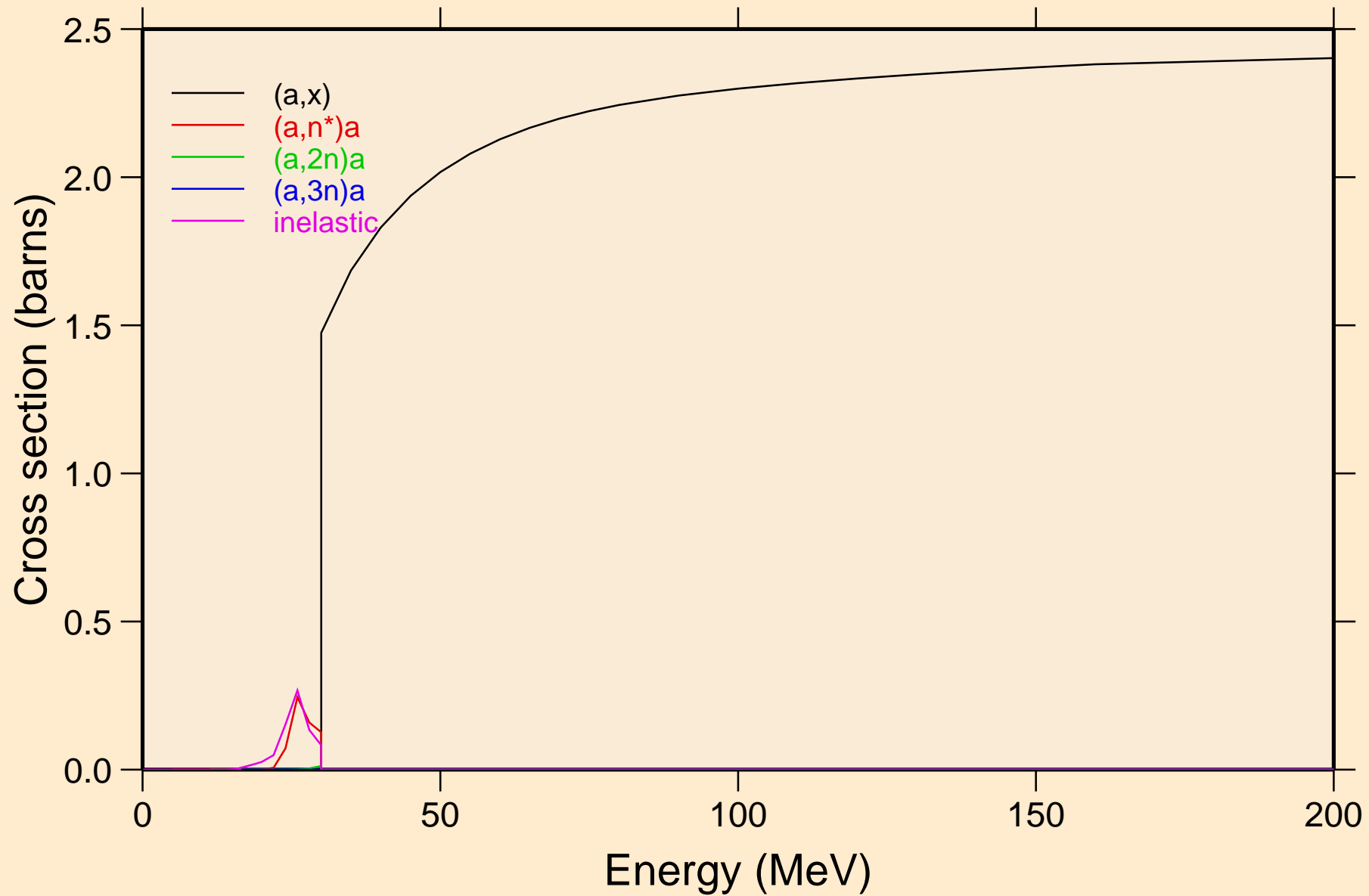
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating

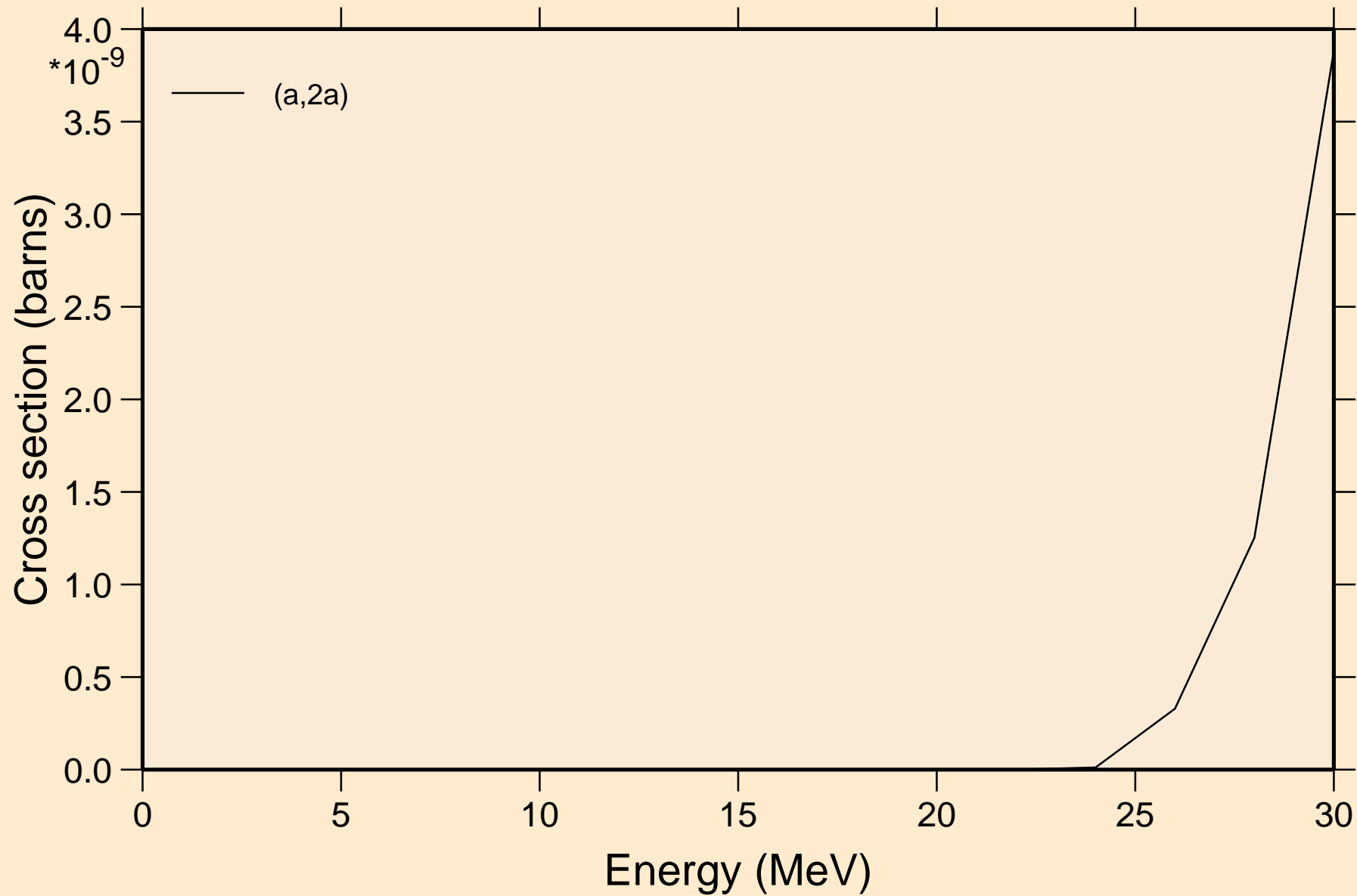


# LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

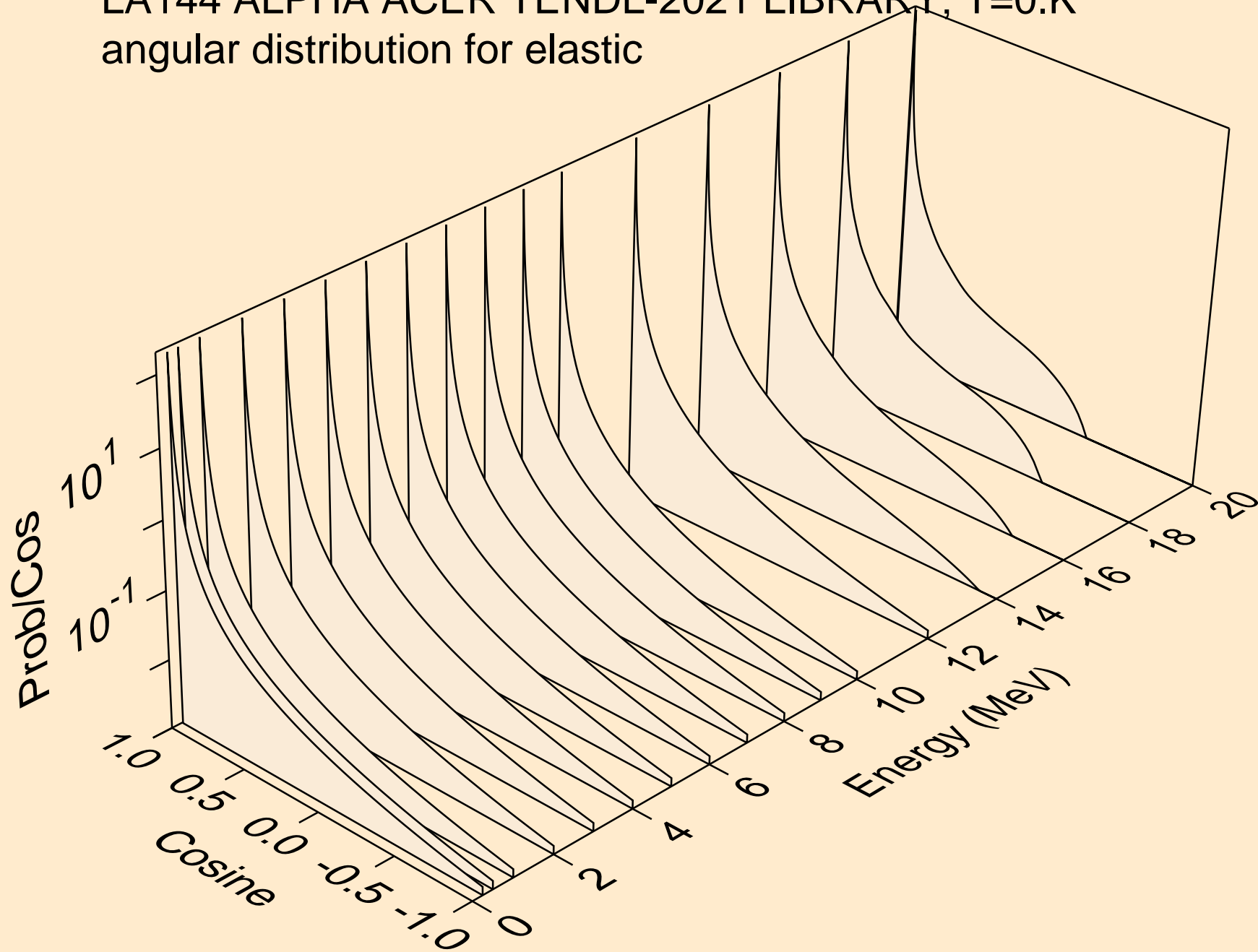
## Threshold reactions



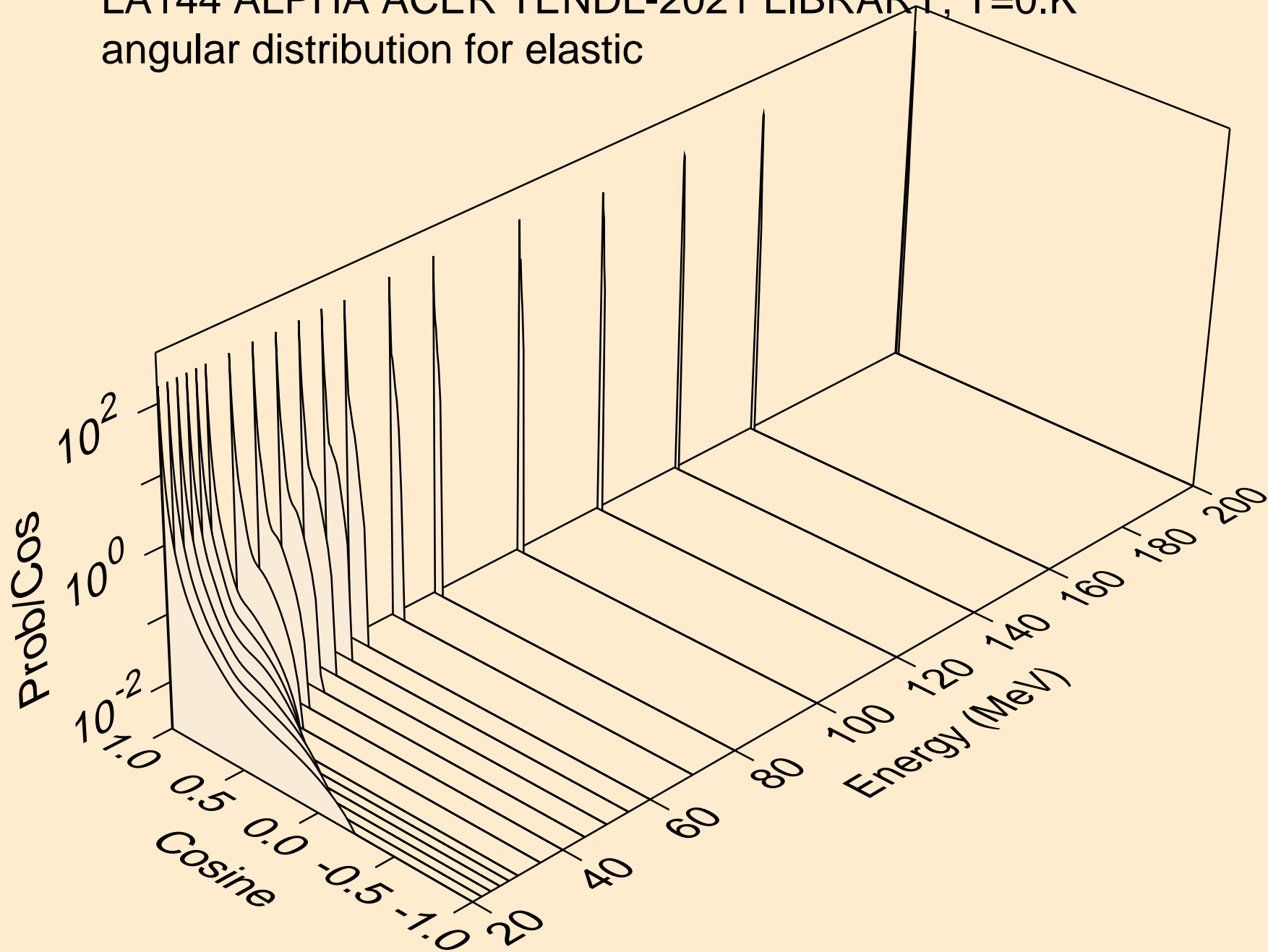
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



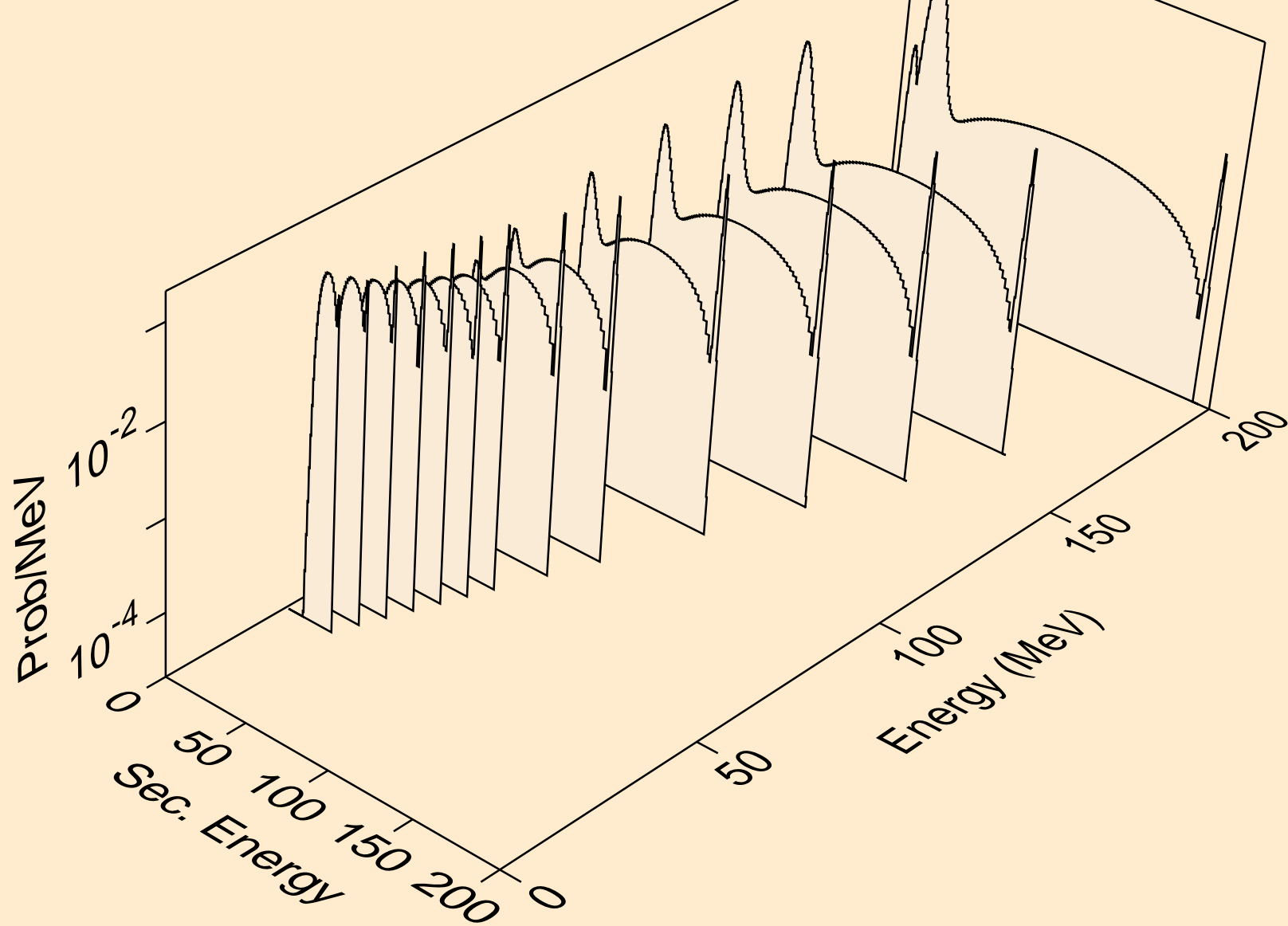
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic





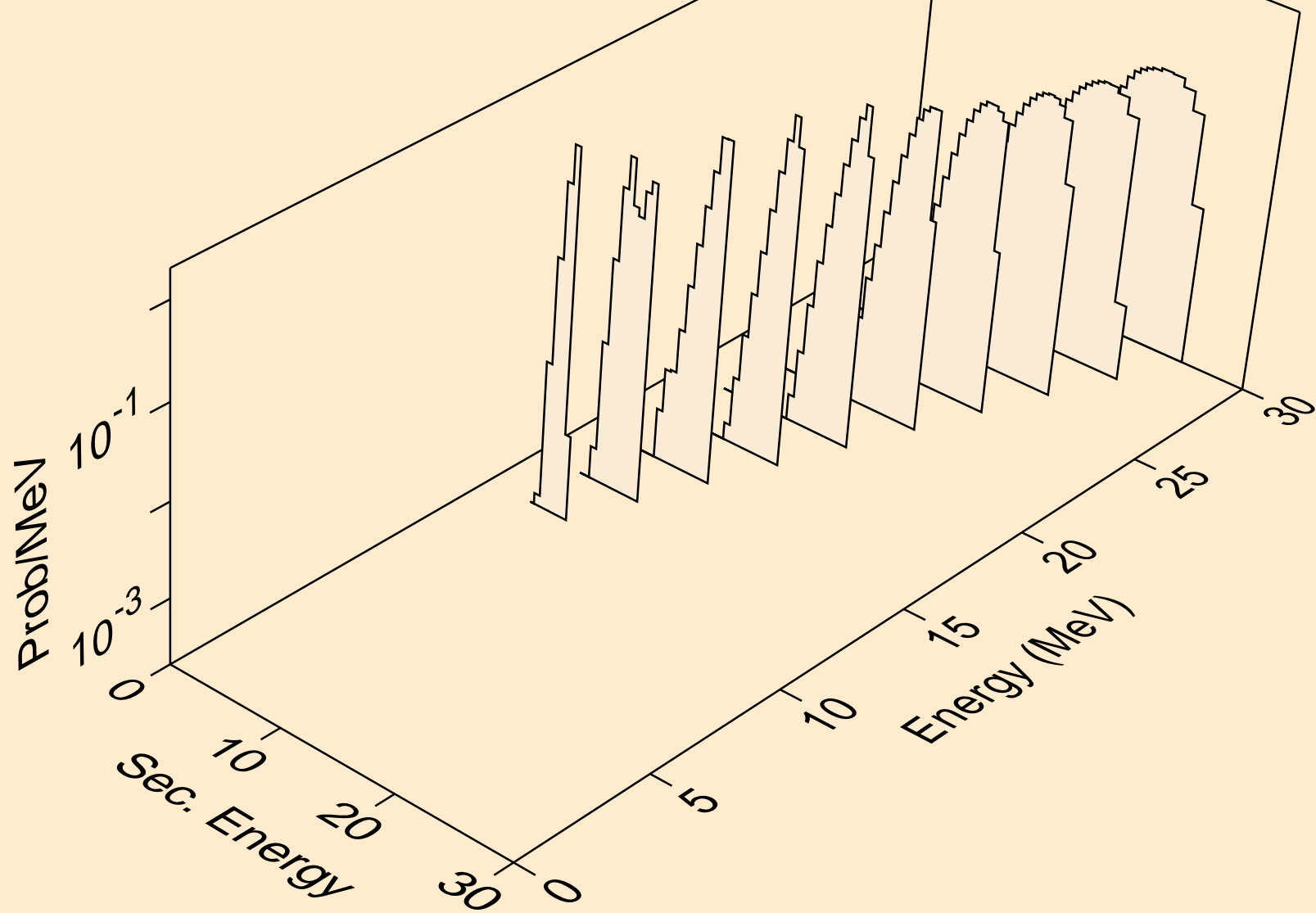
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)



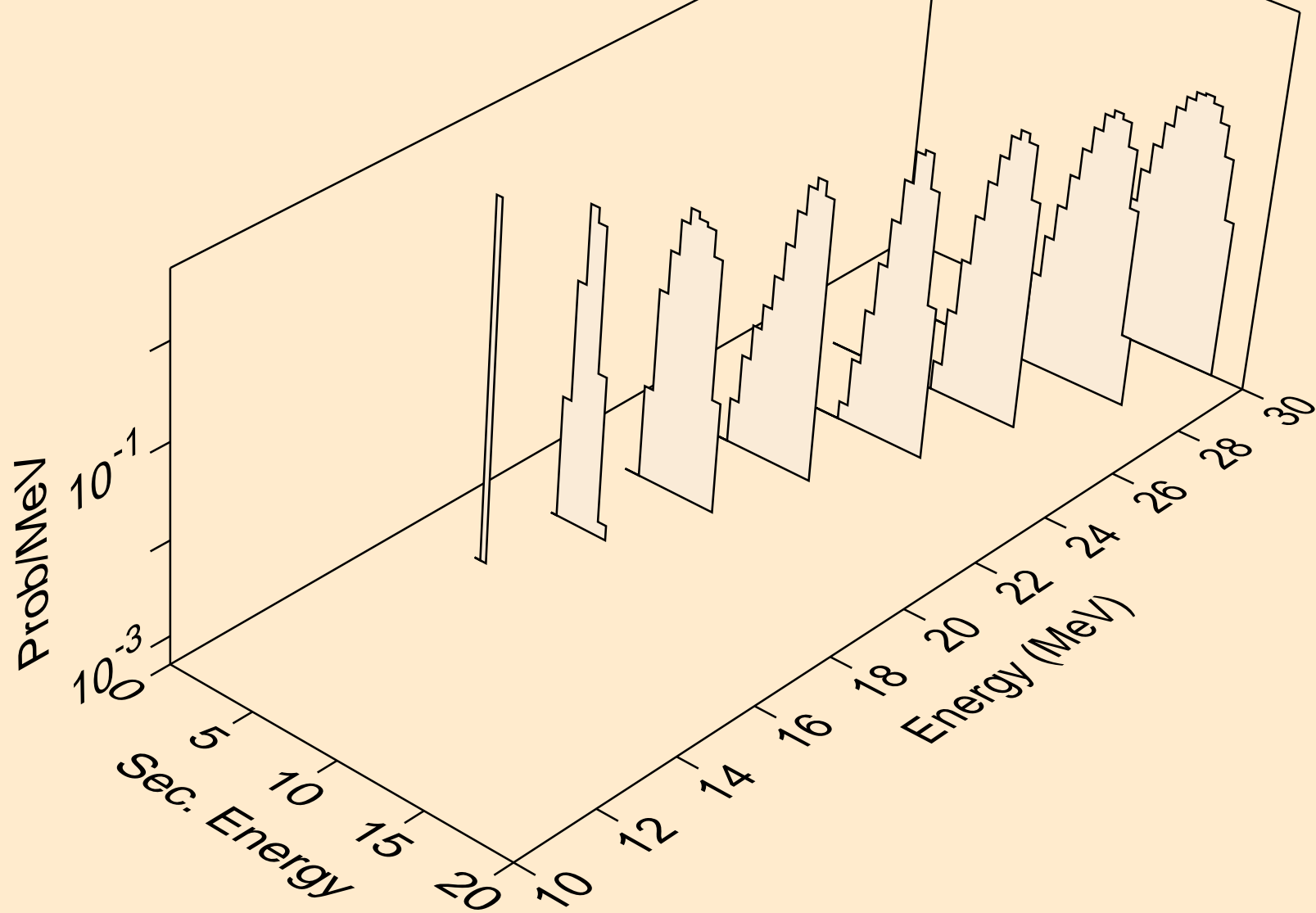
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



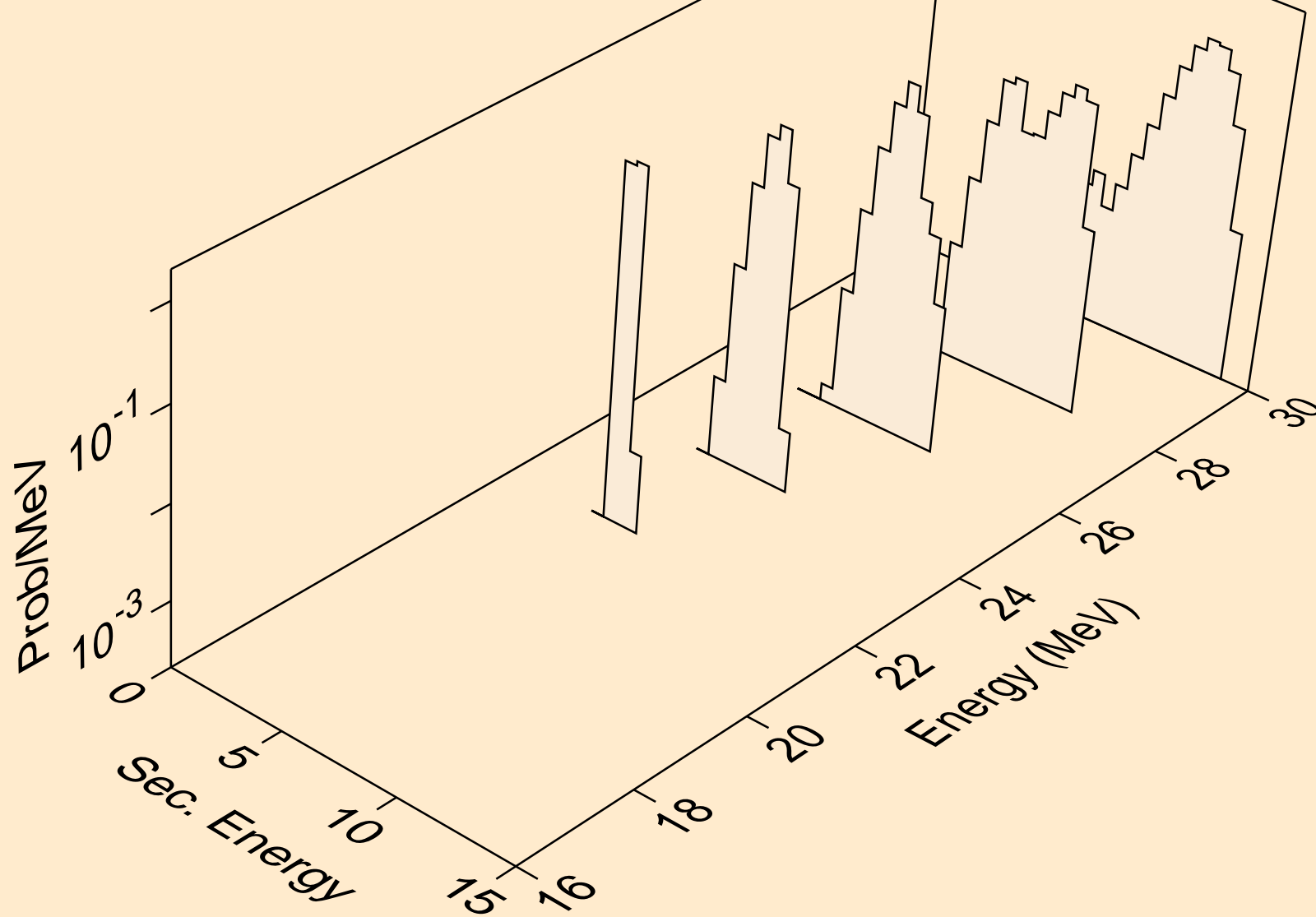
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2n)a

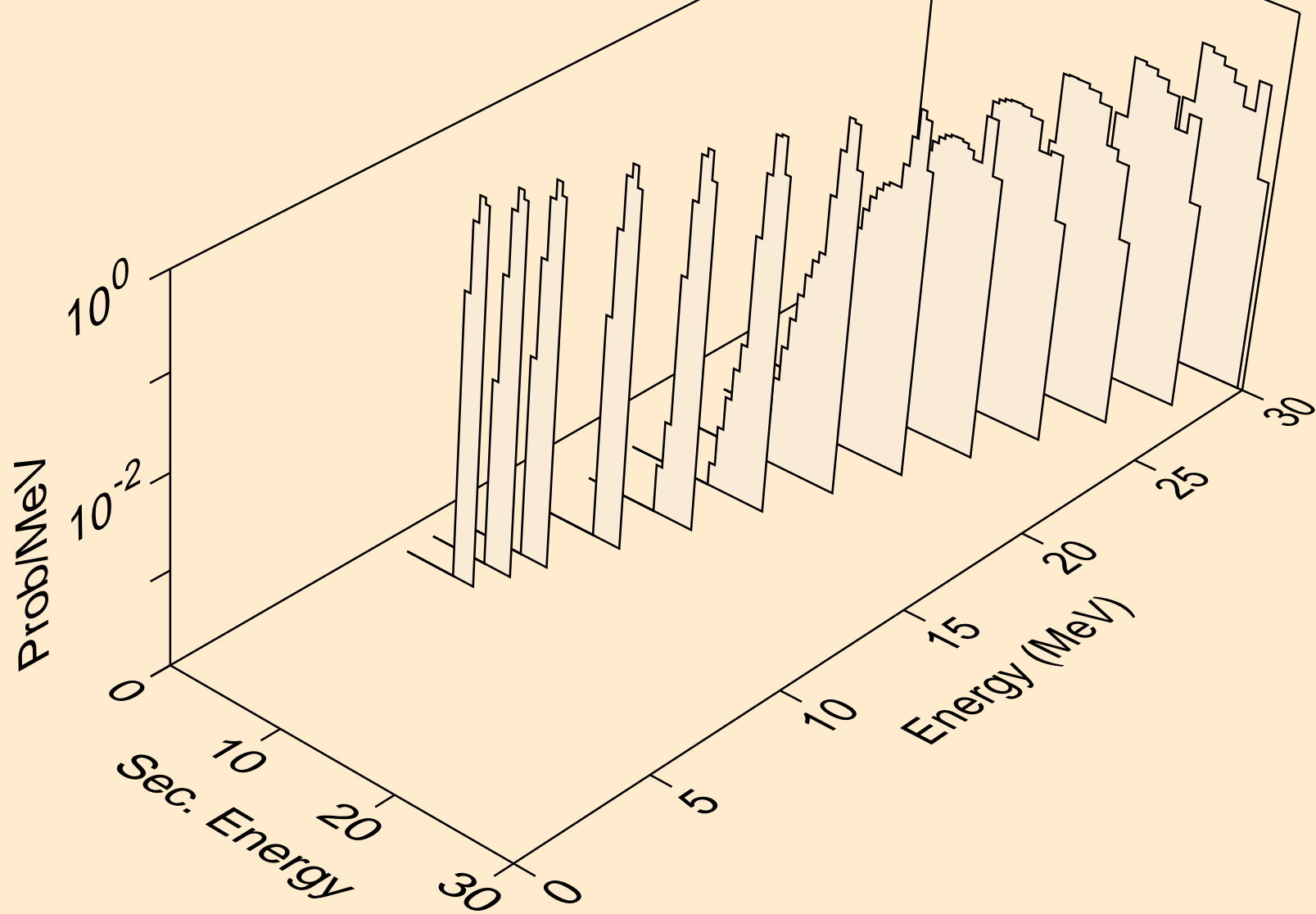


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,3n)a

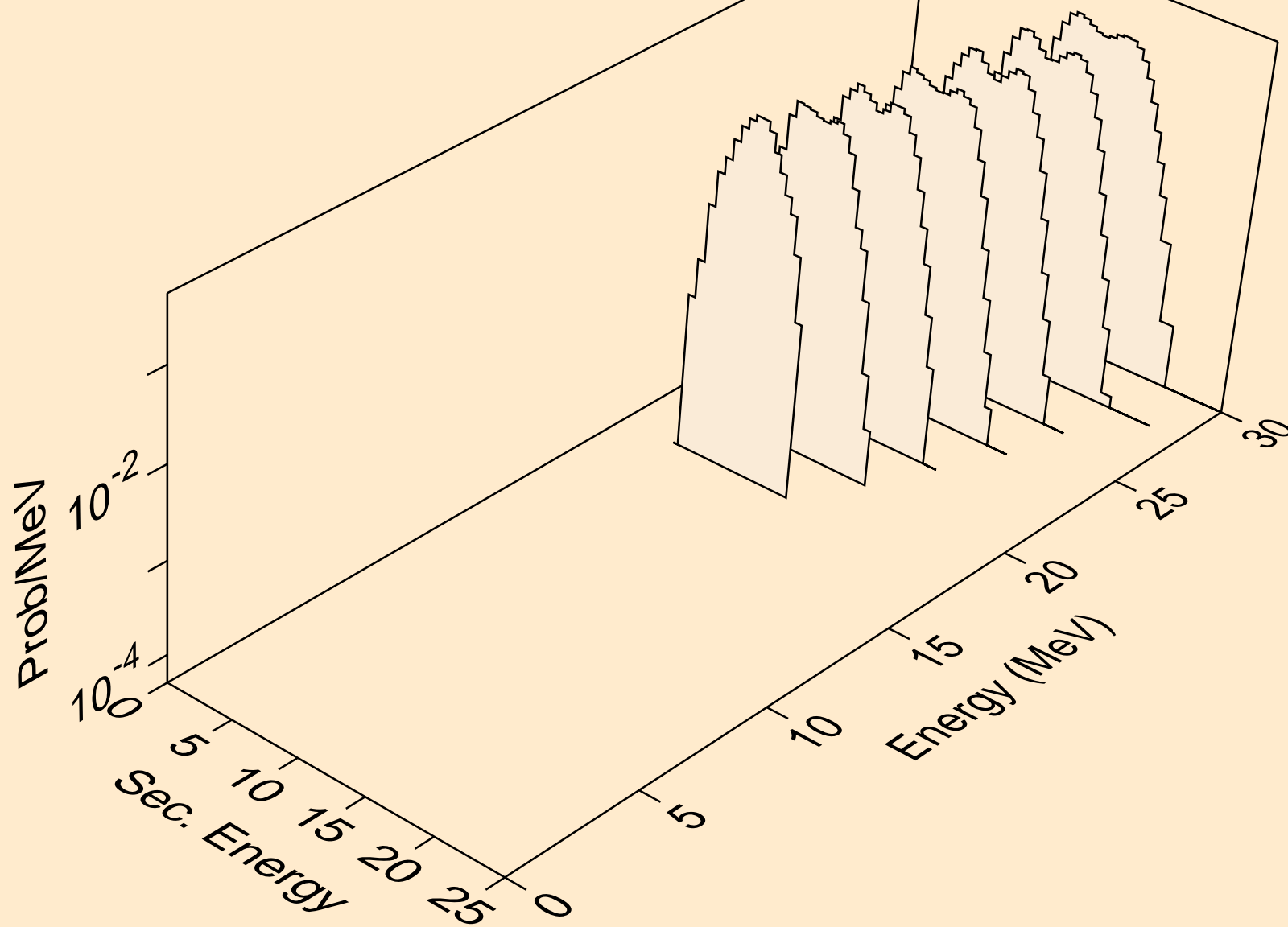


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic

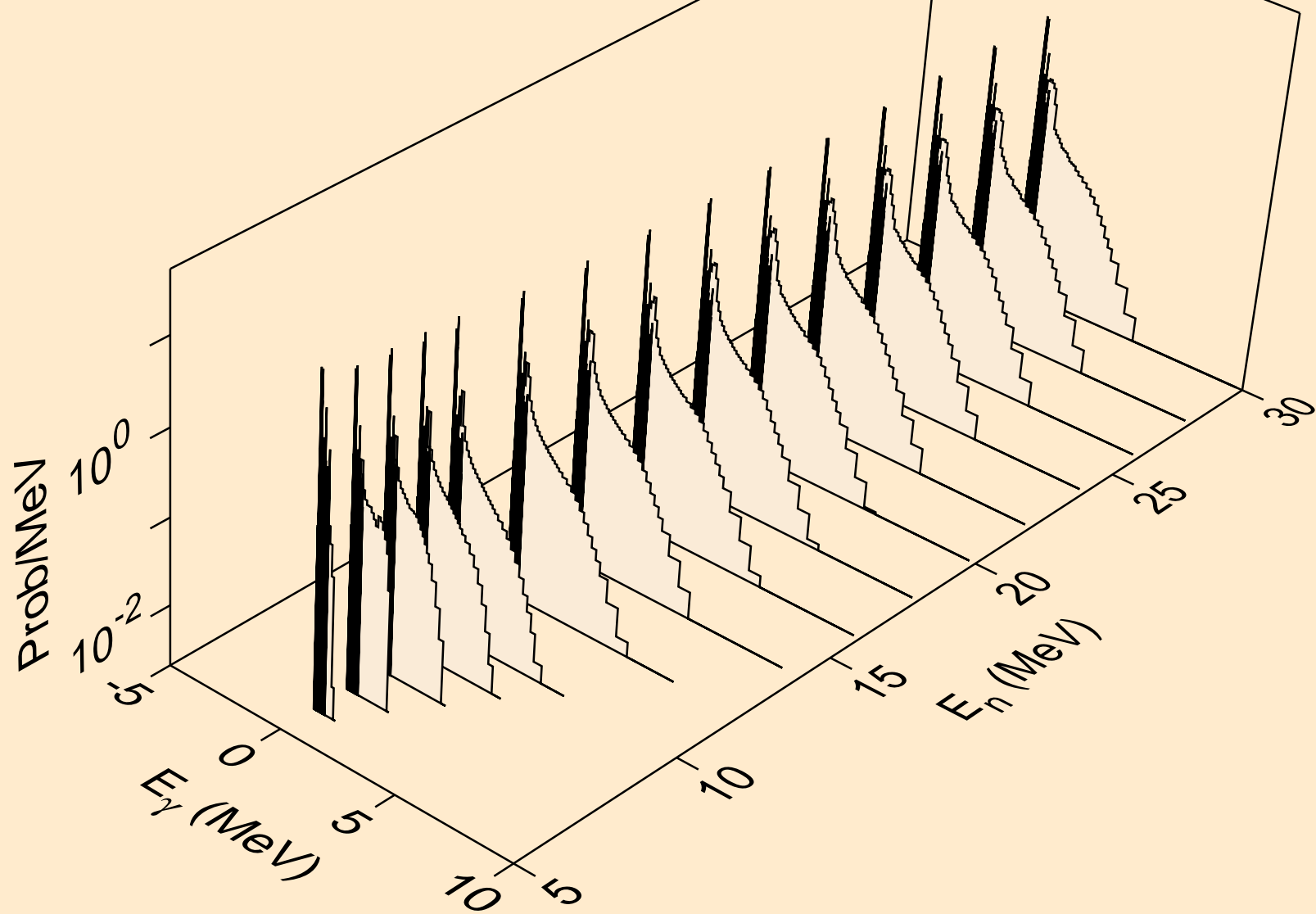


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

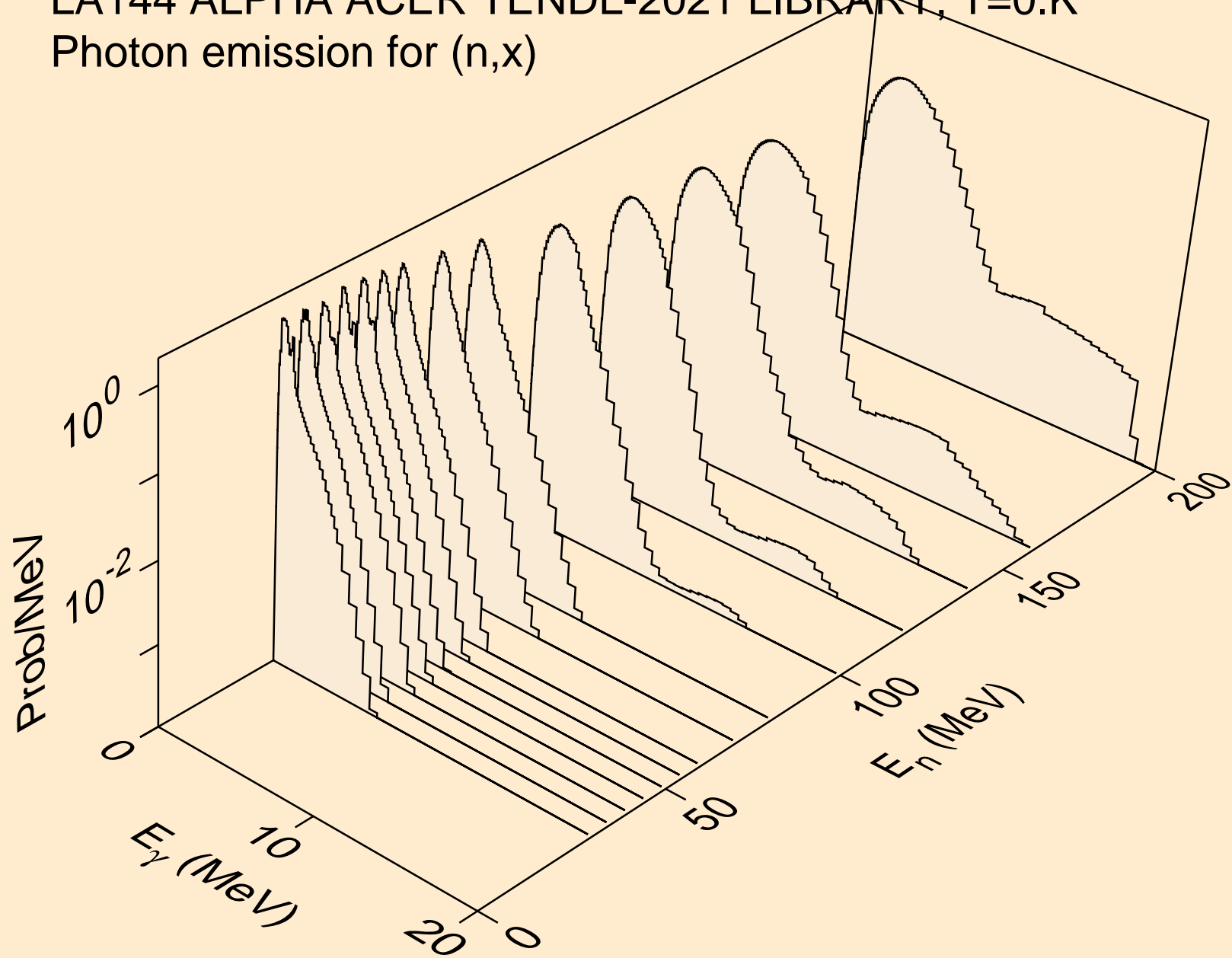
Alpha emission for (a,2a)



LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

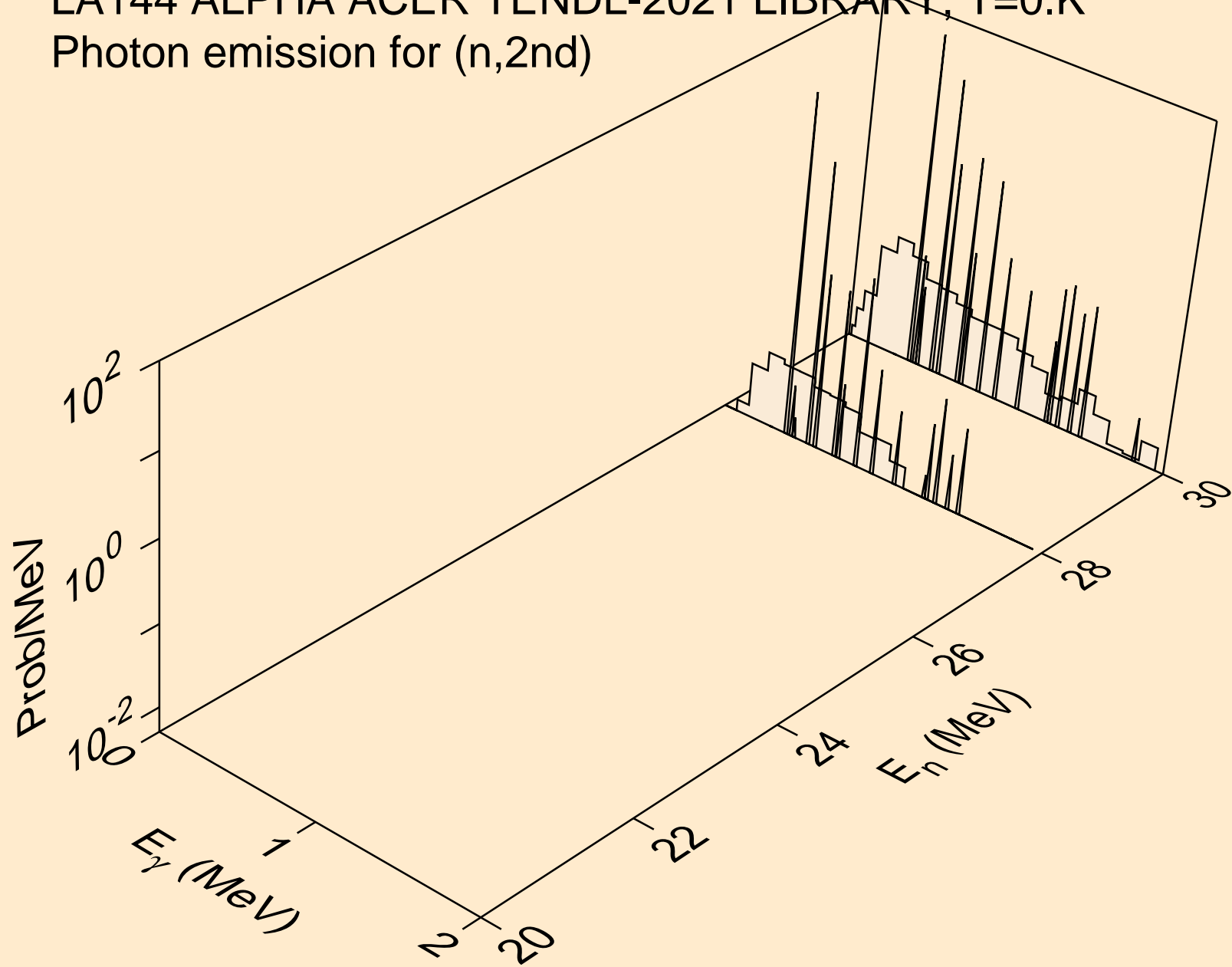


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)

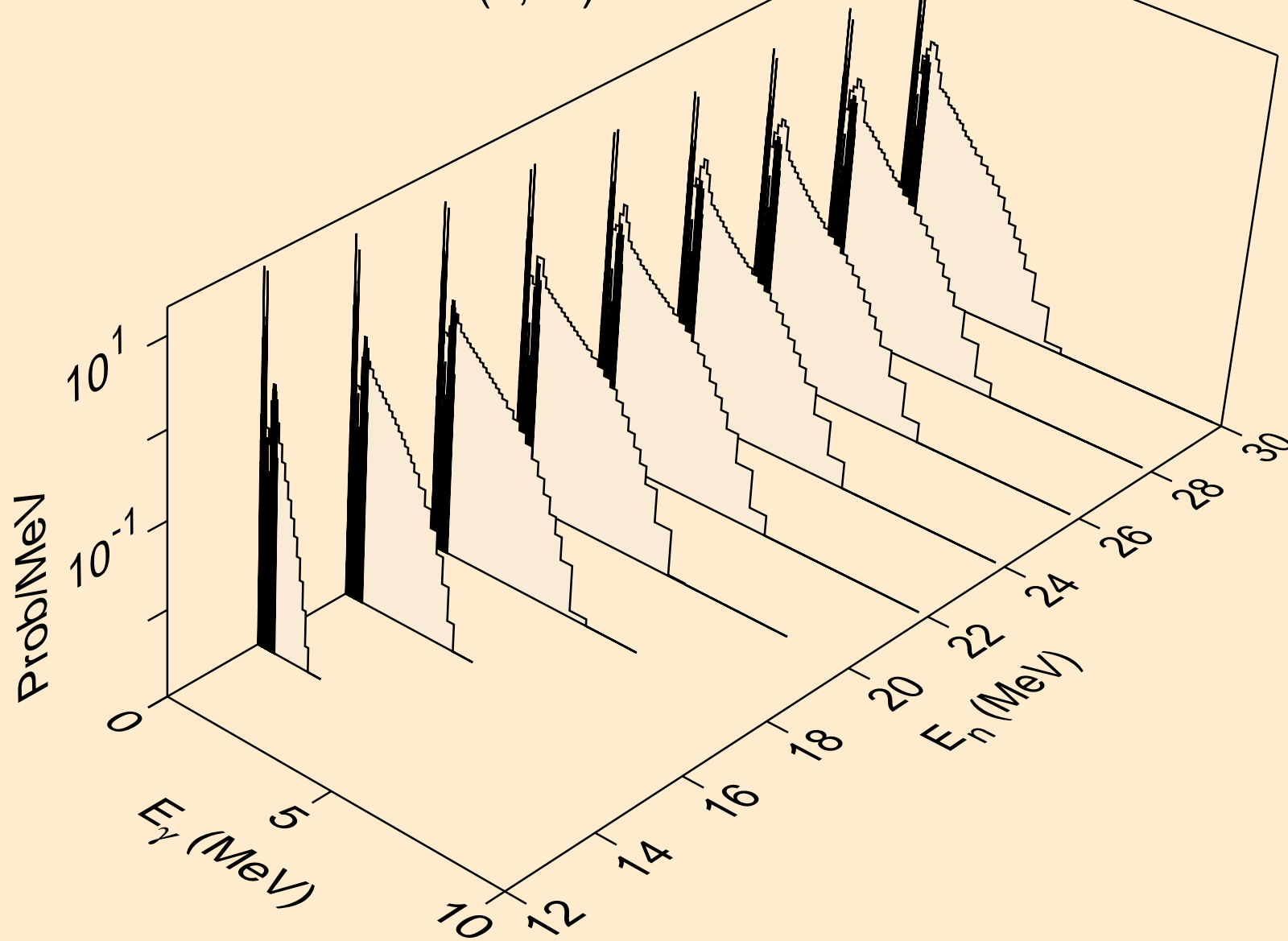




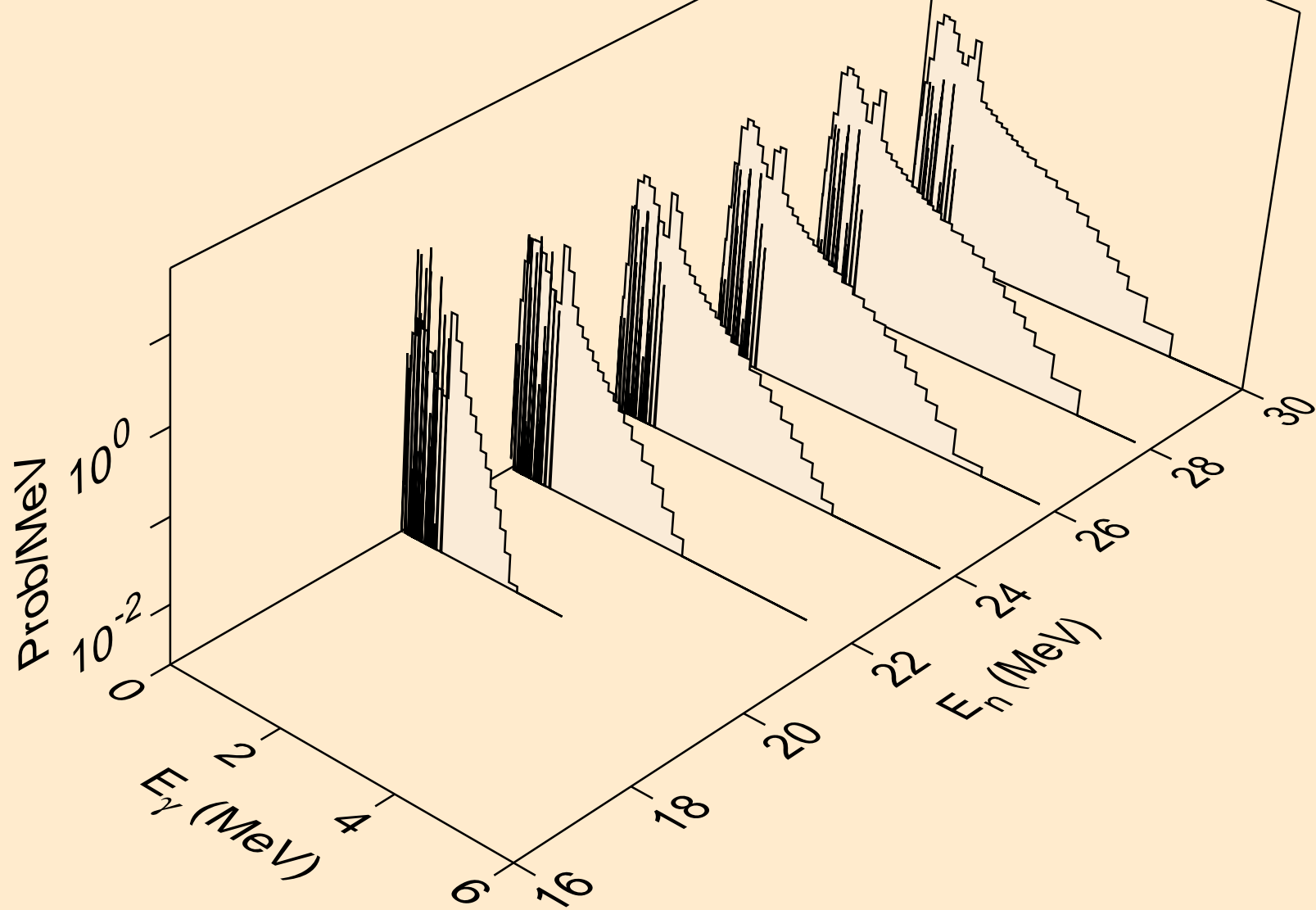
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

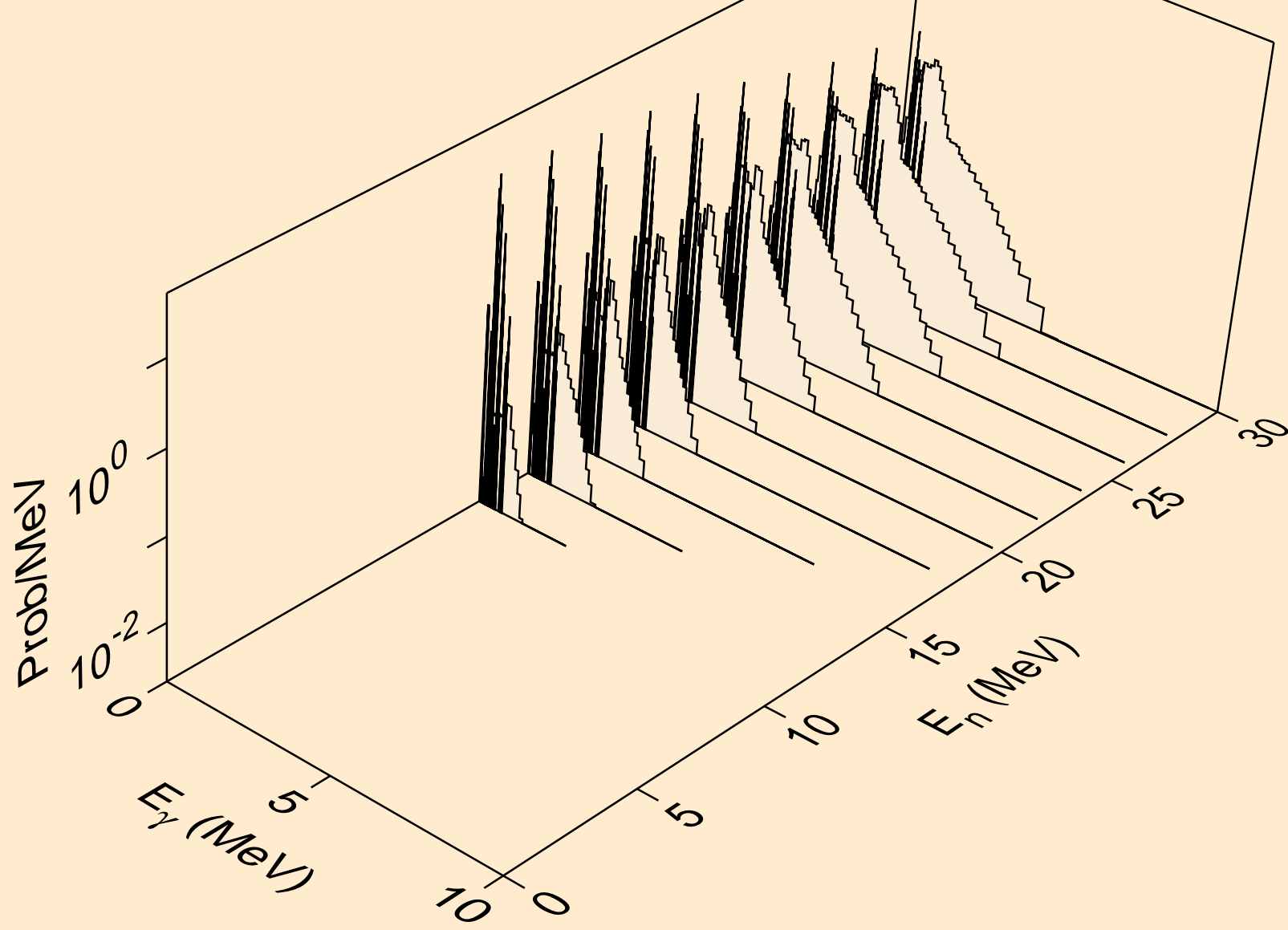


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

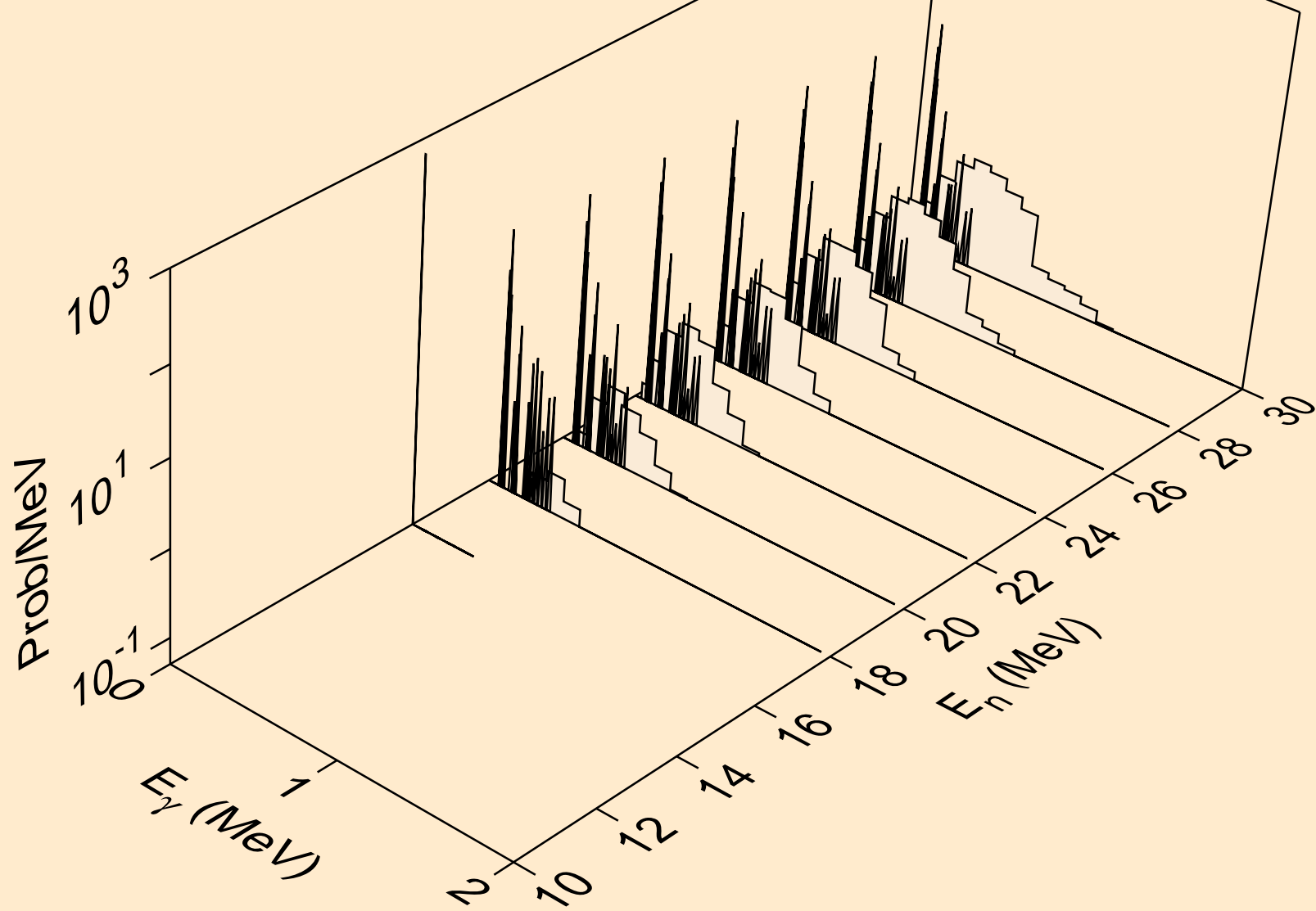


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

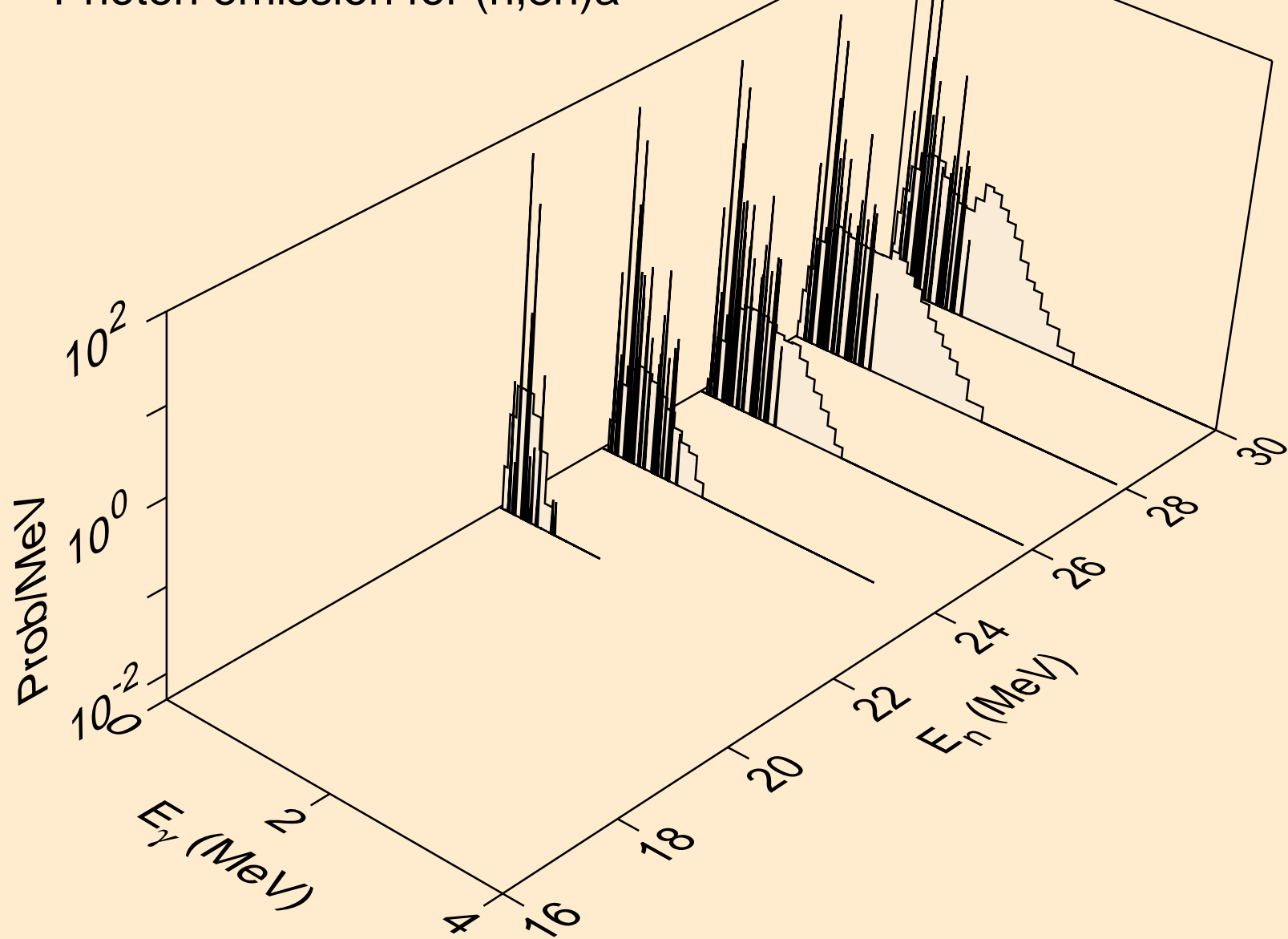
Photon emission for (n,n\*)a



LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

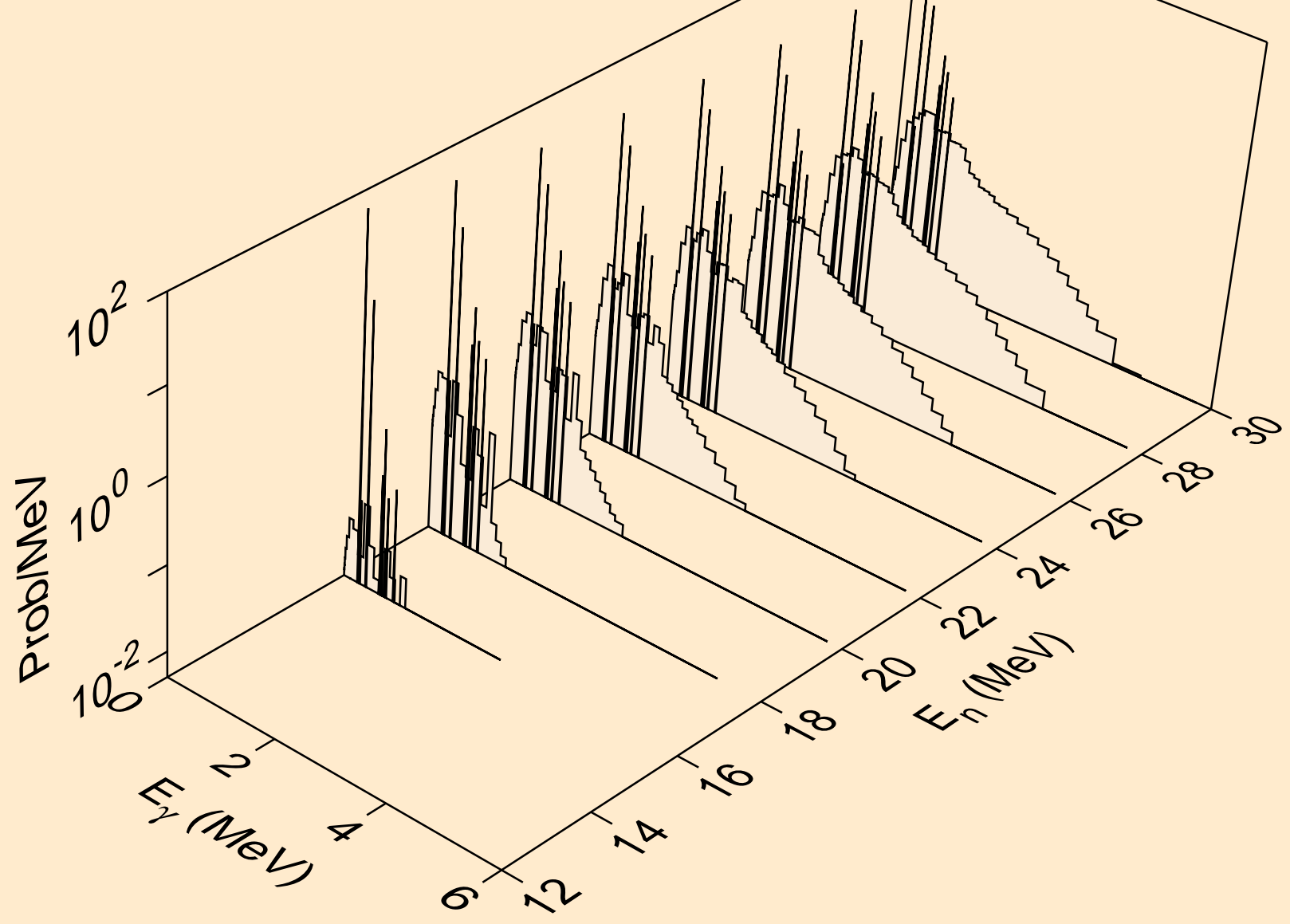


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a

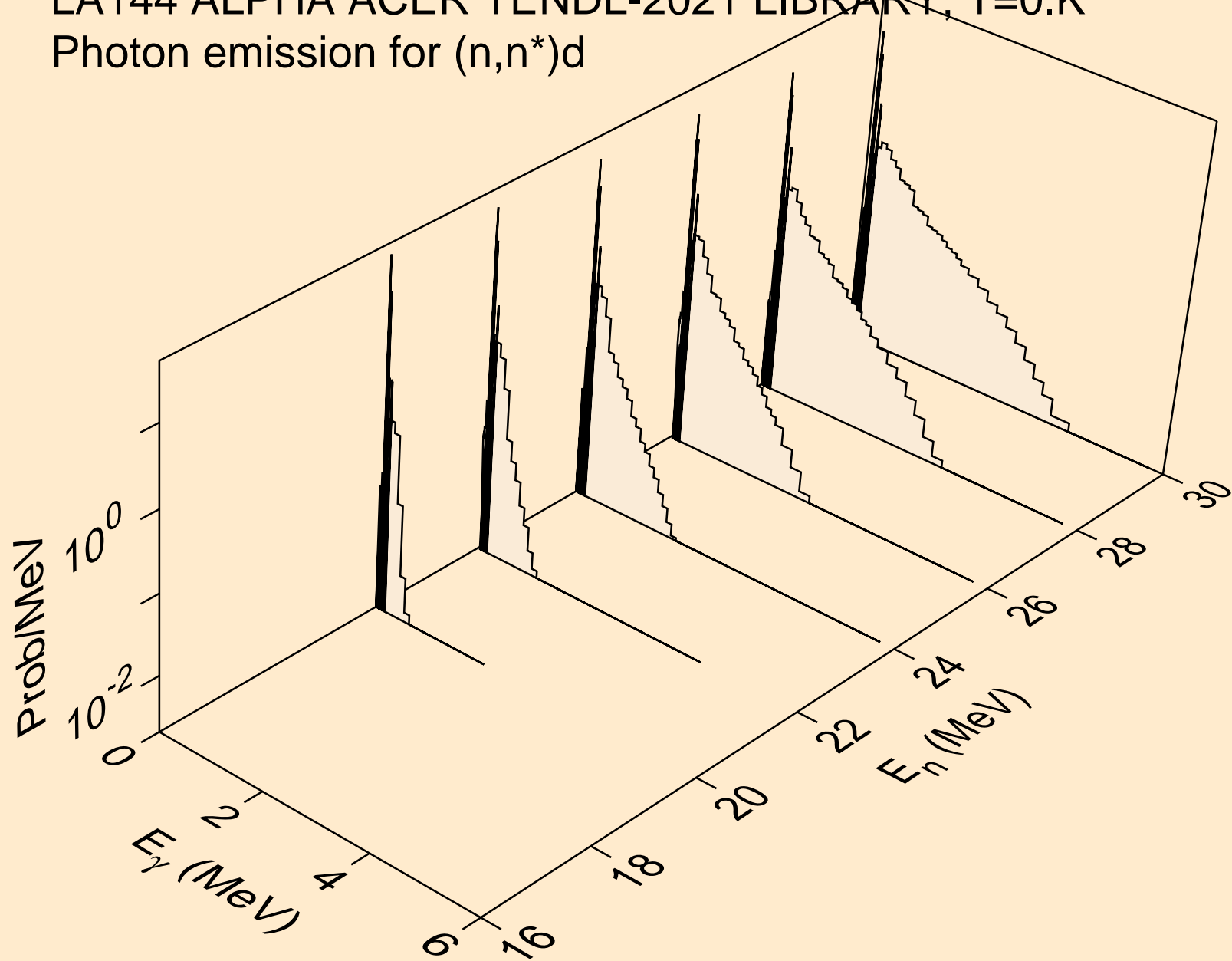


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)p

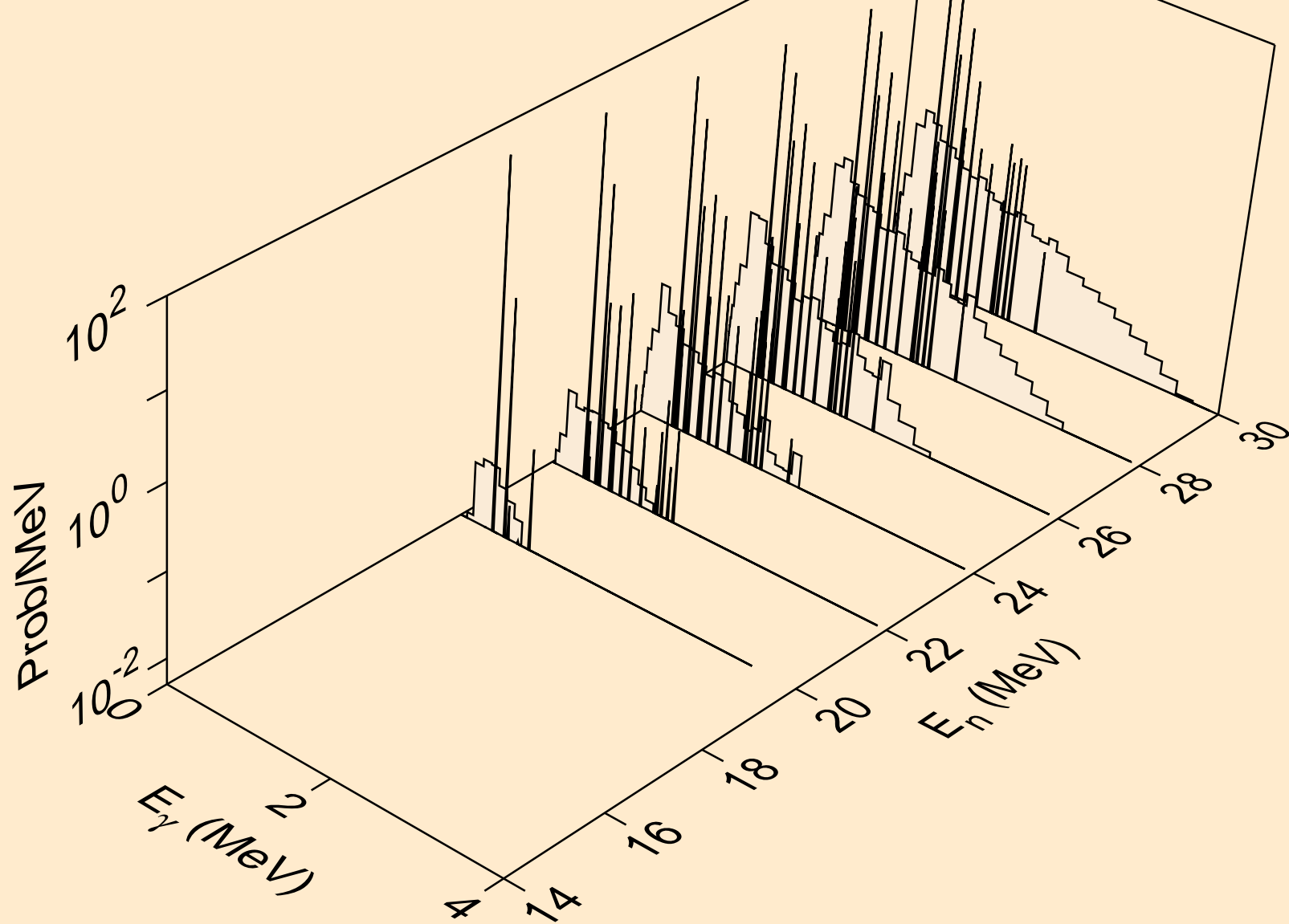


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

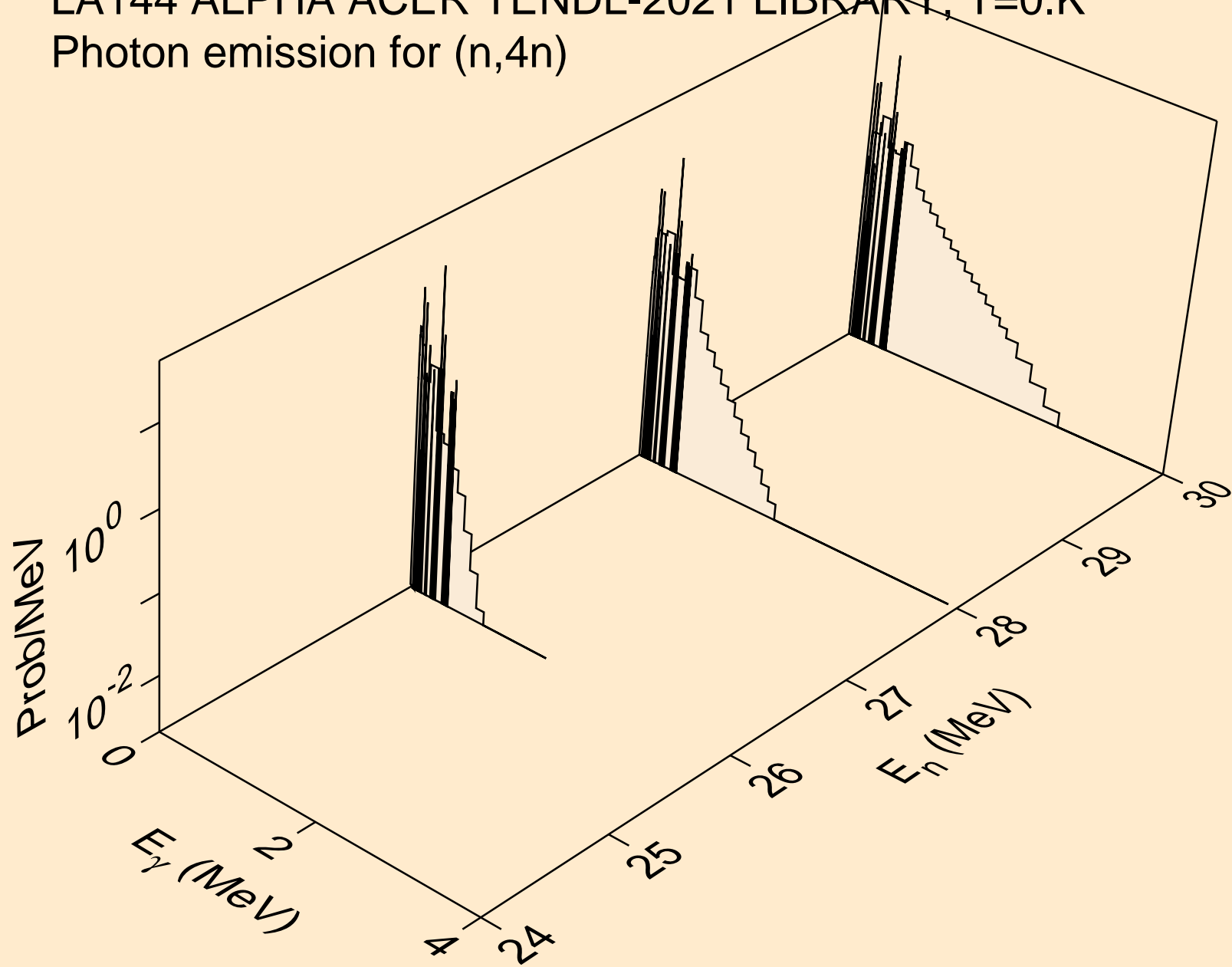




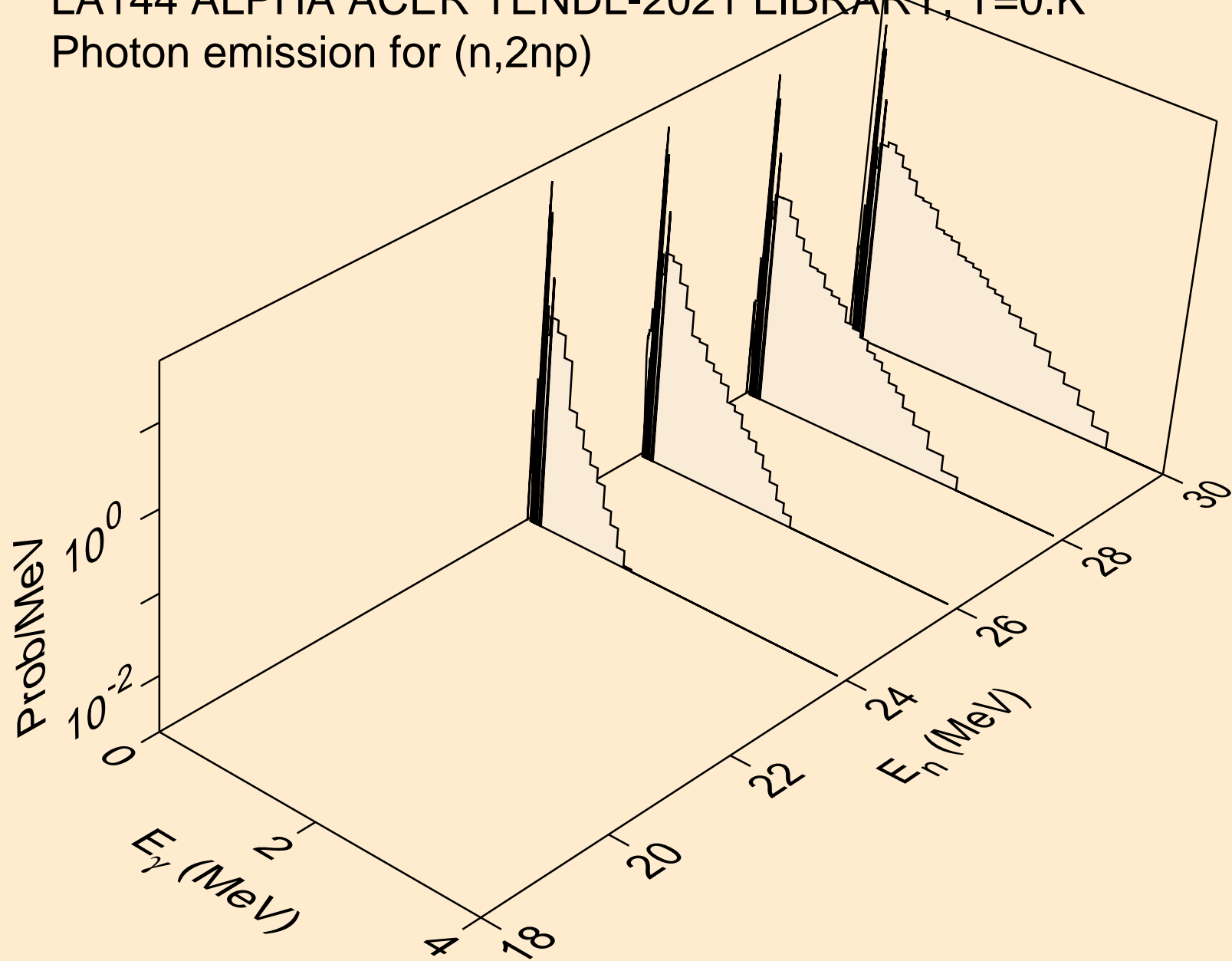
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



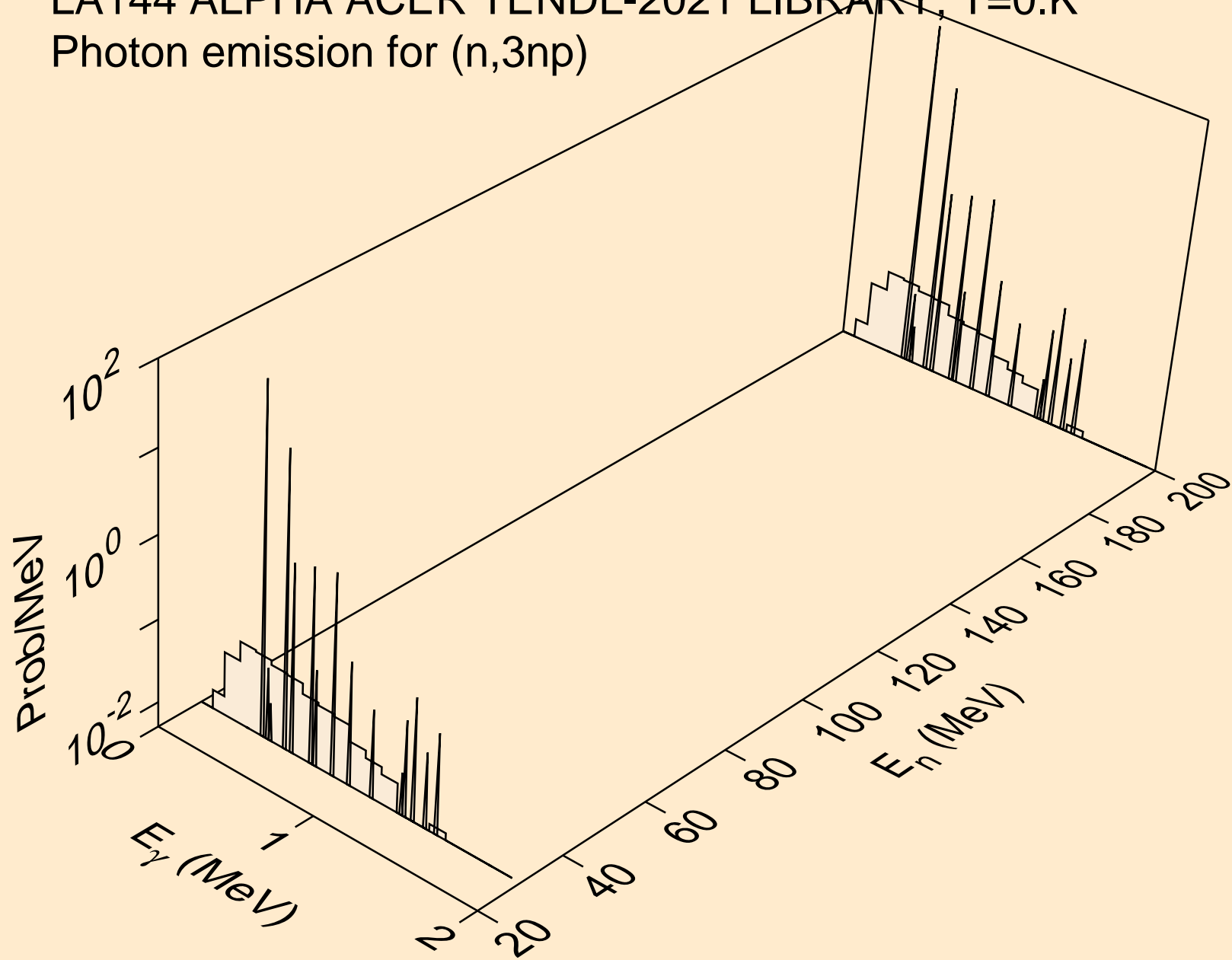
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



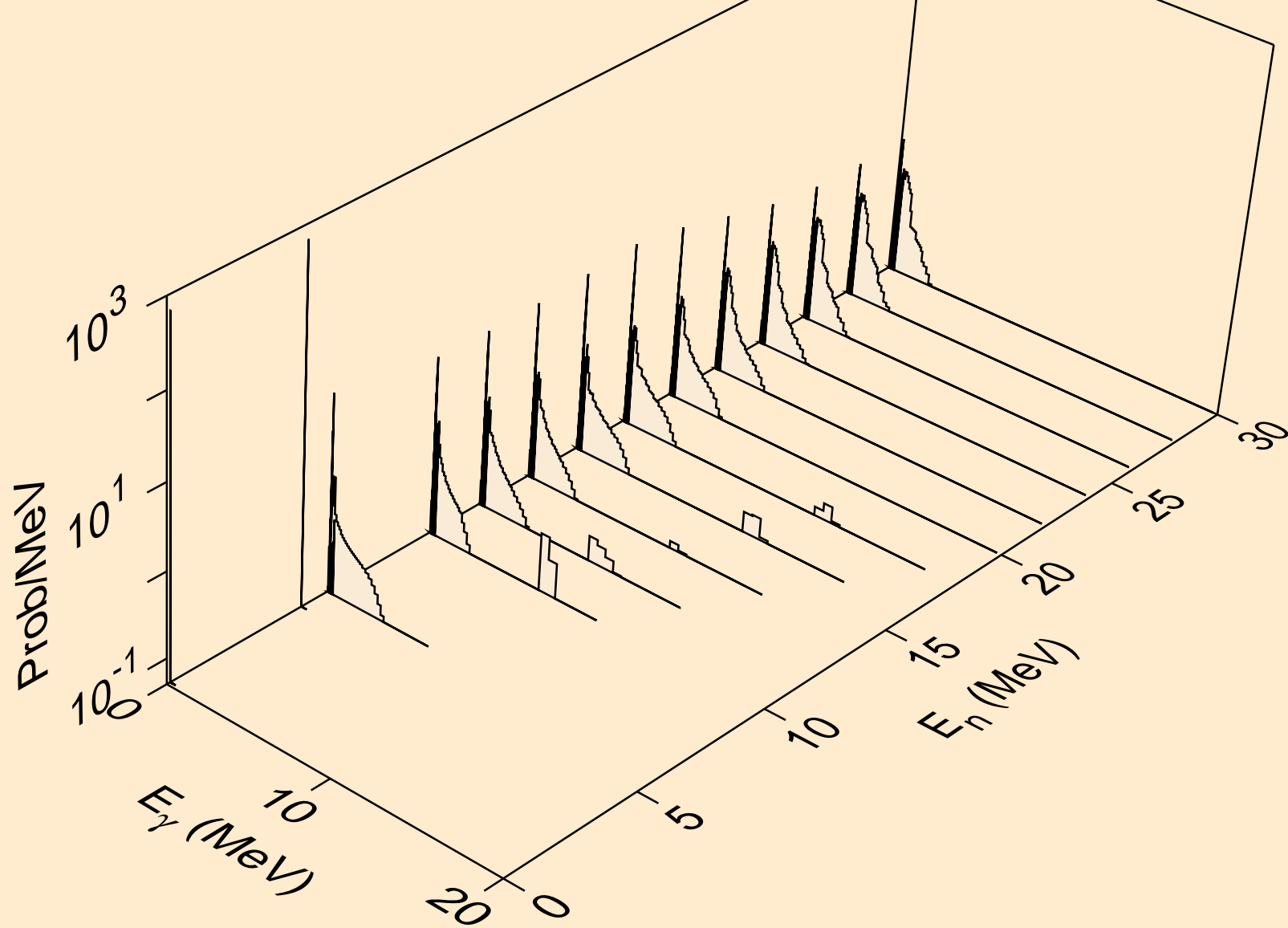
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



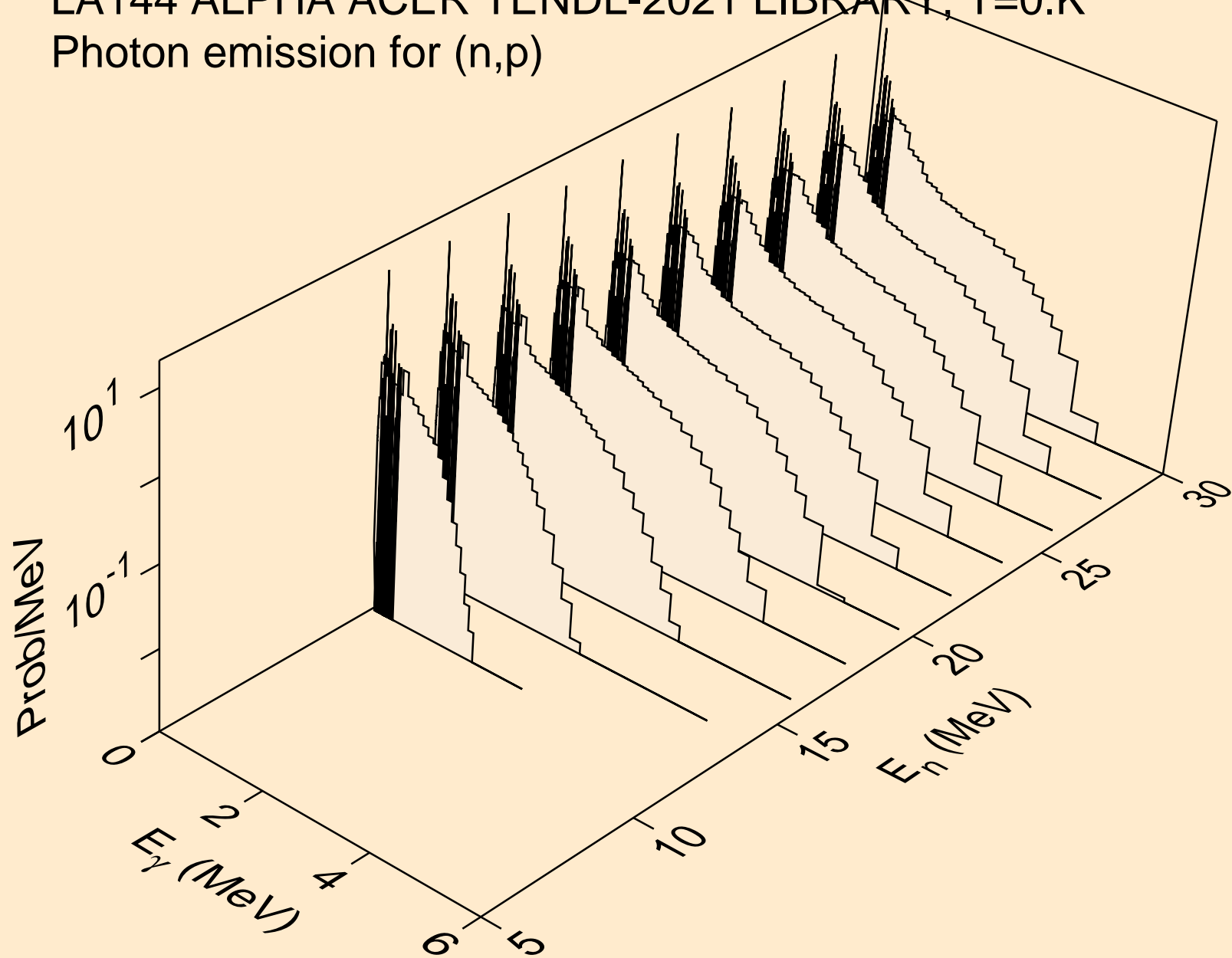
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



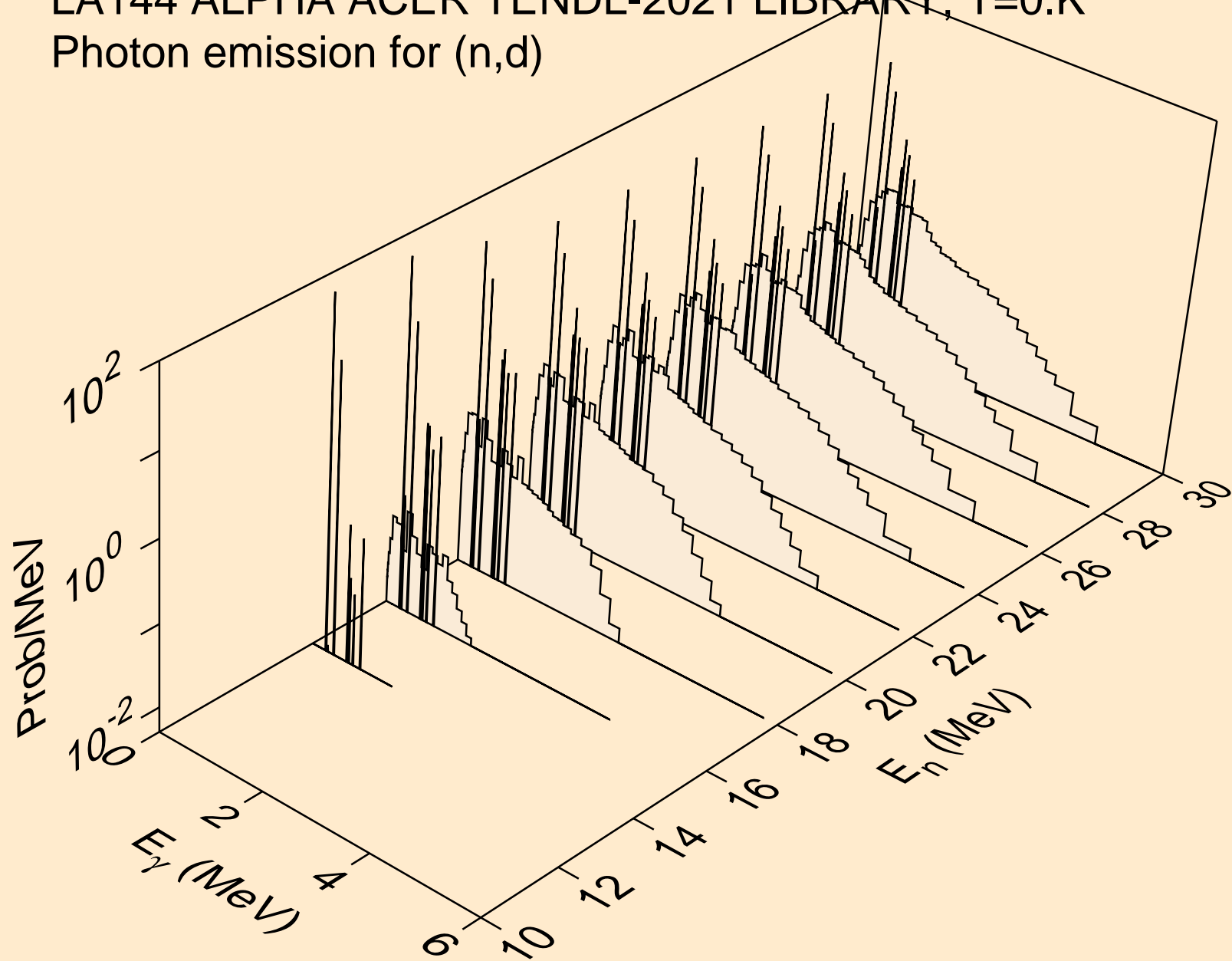
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



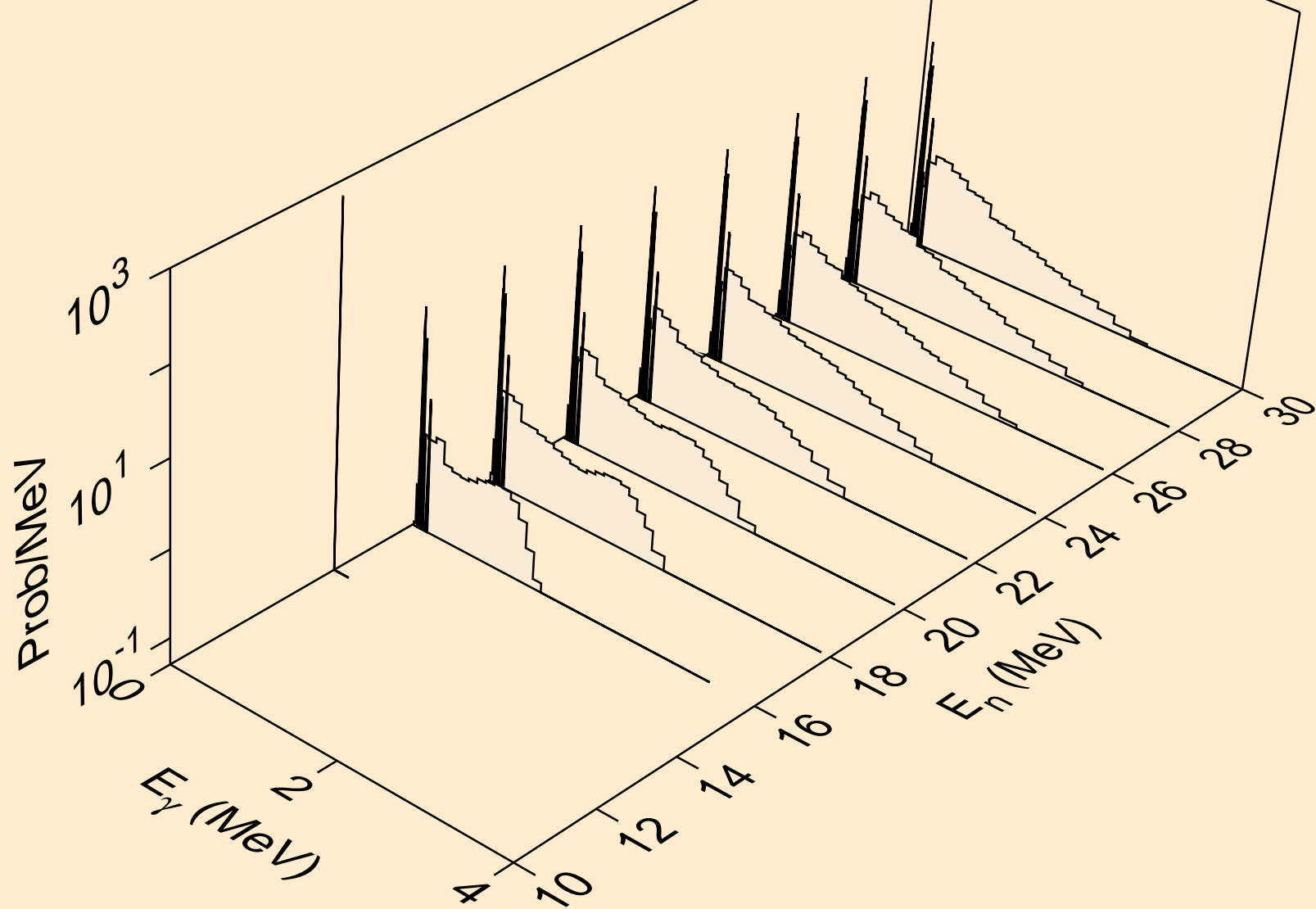
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

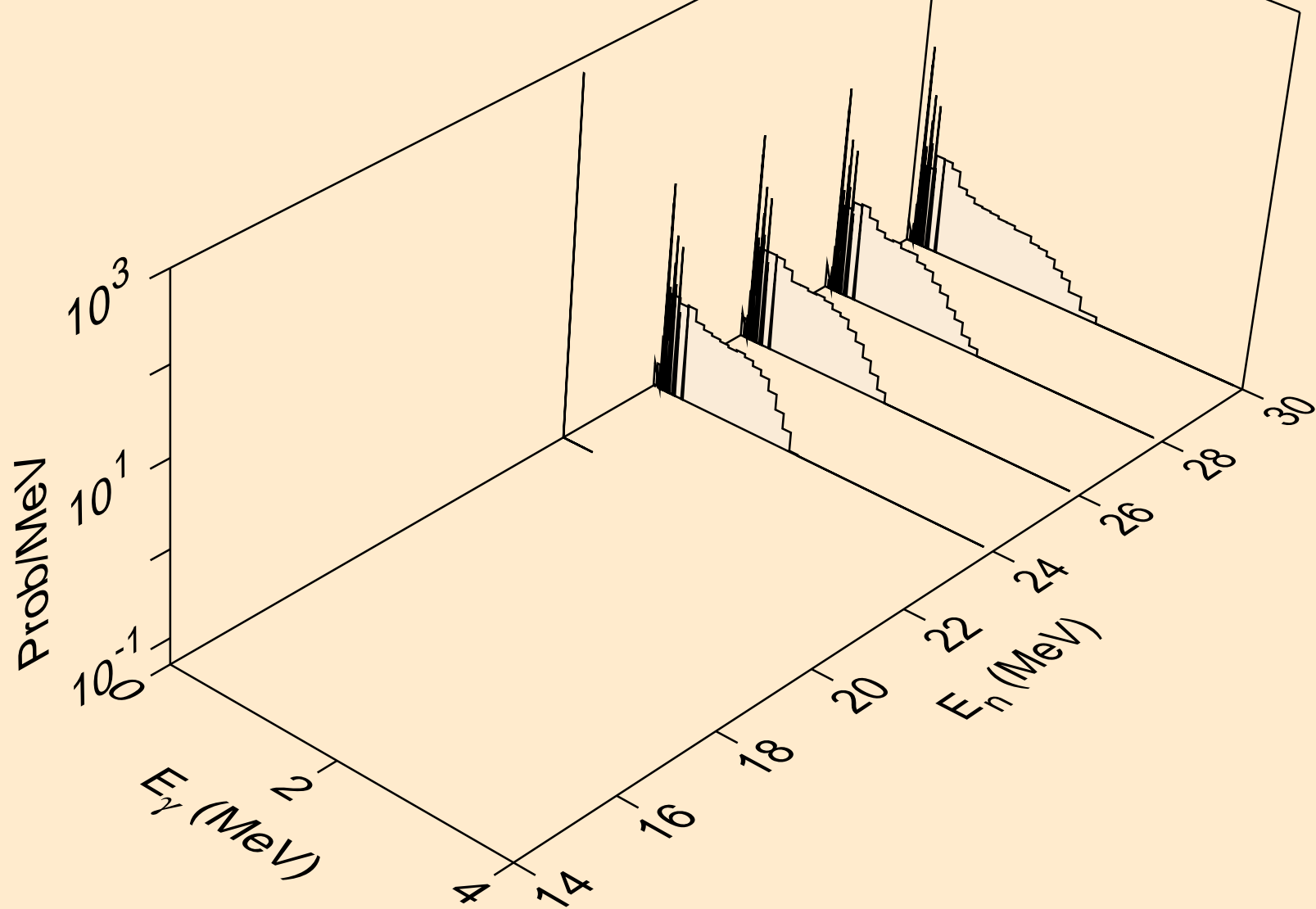


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

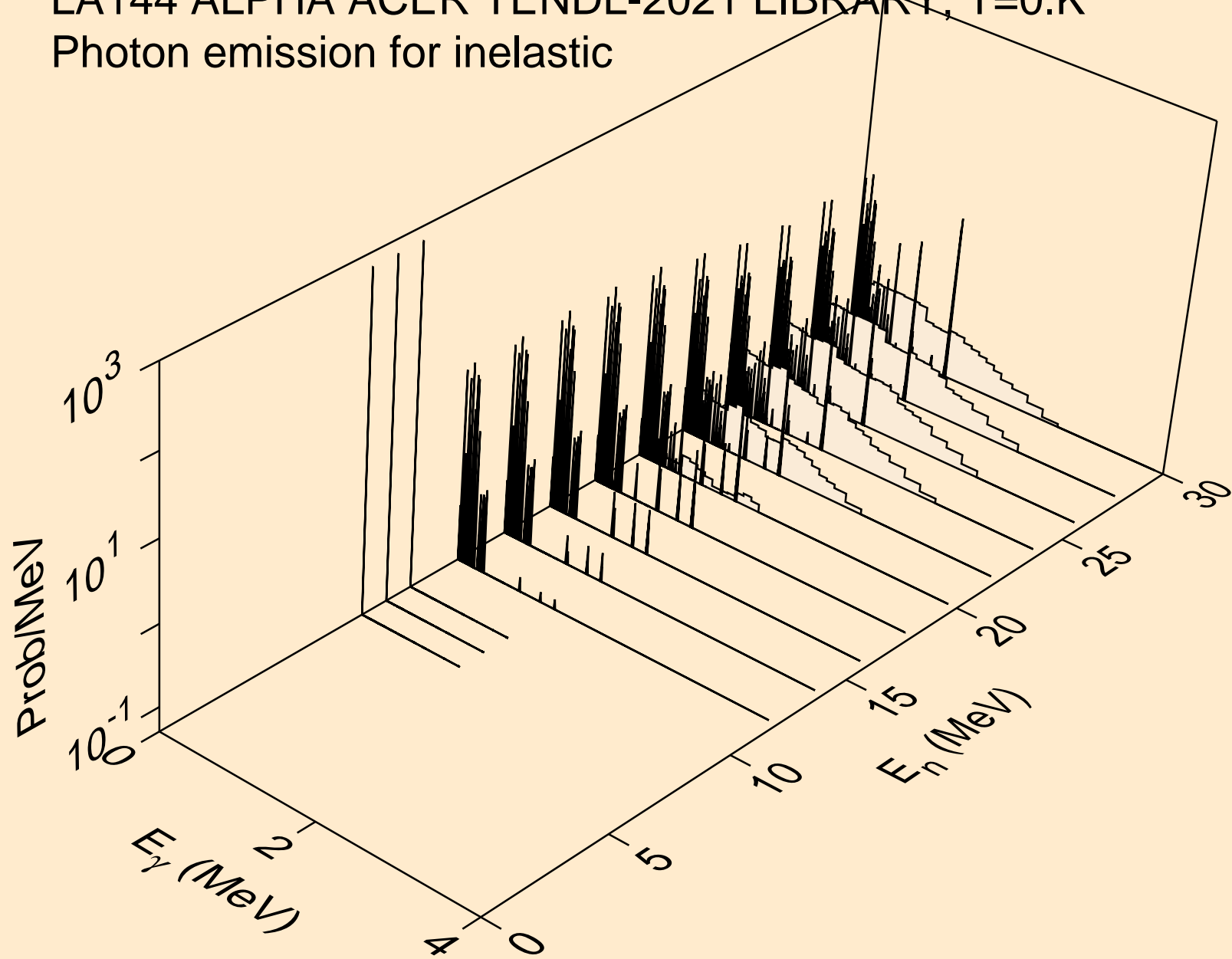




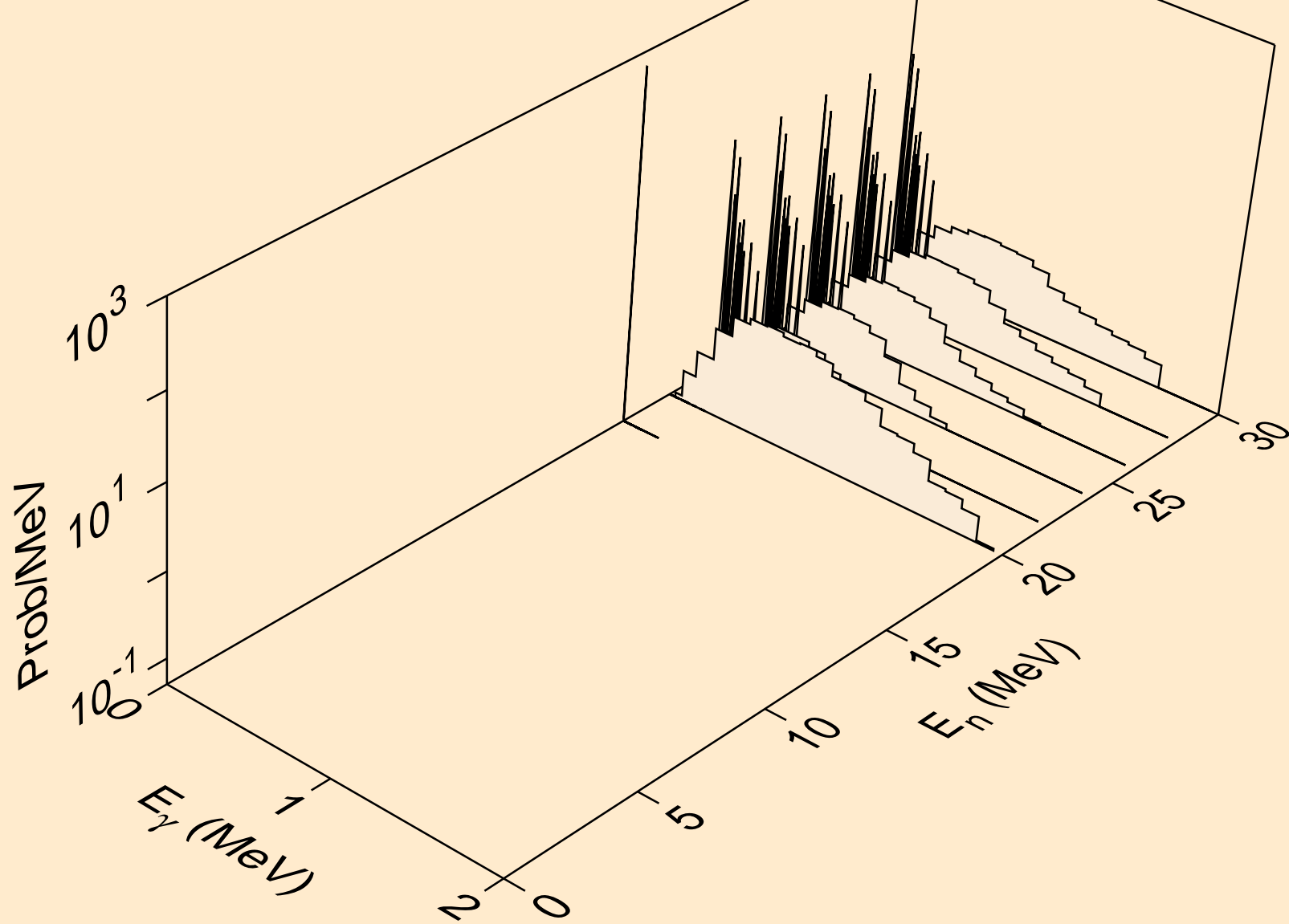
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



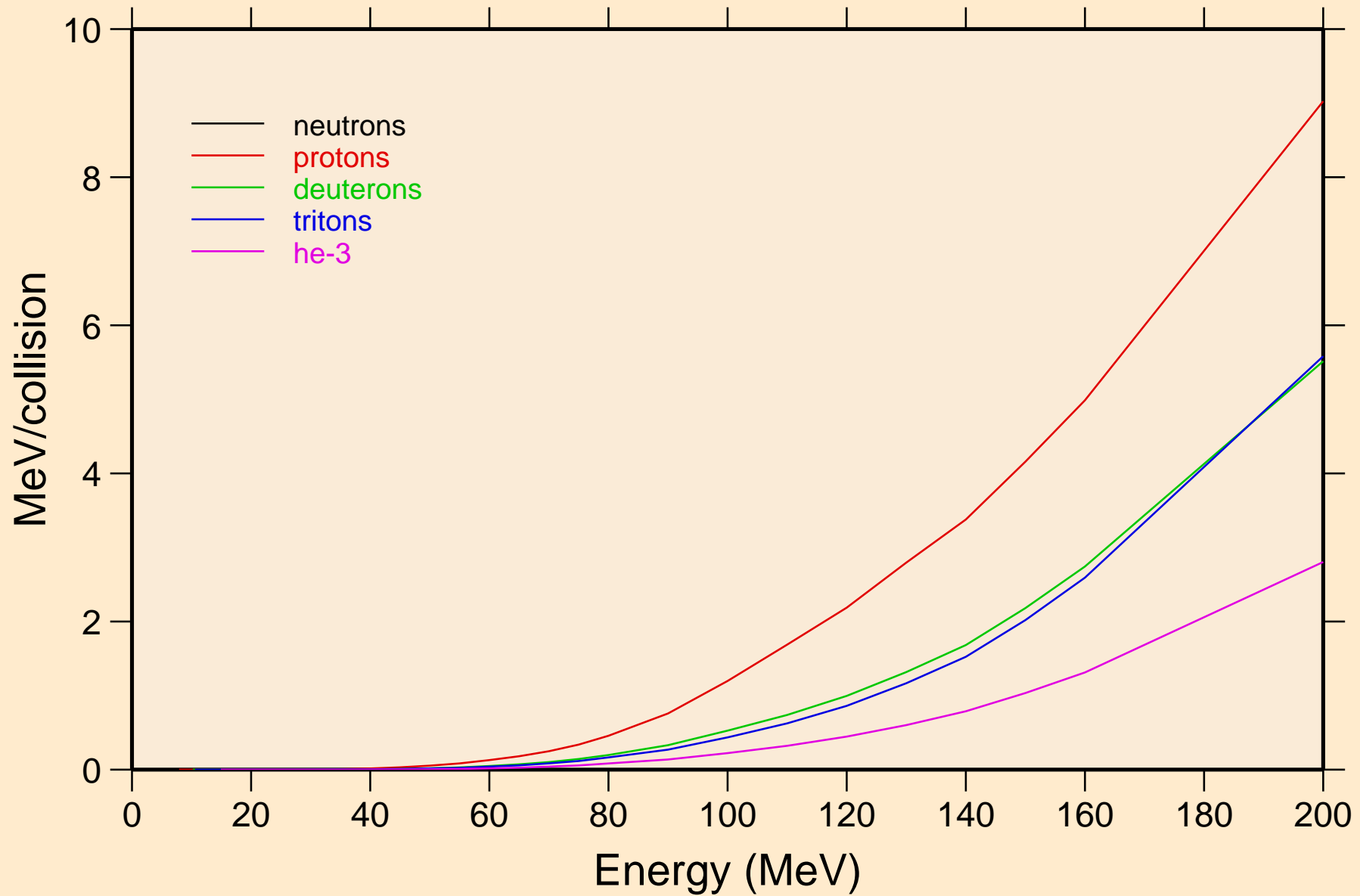
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

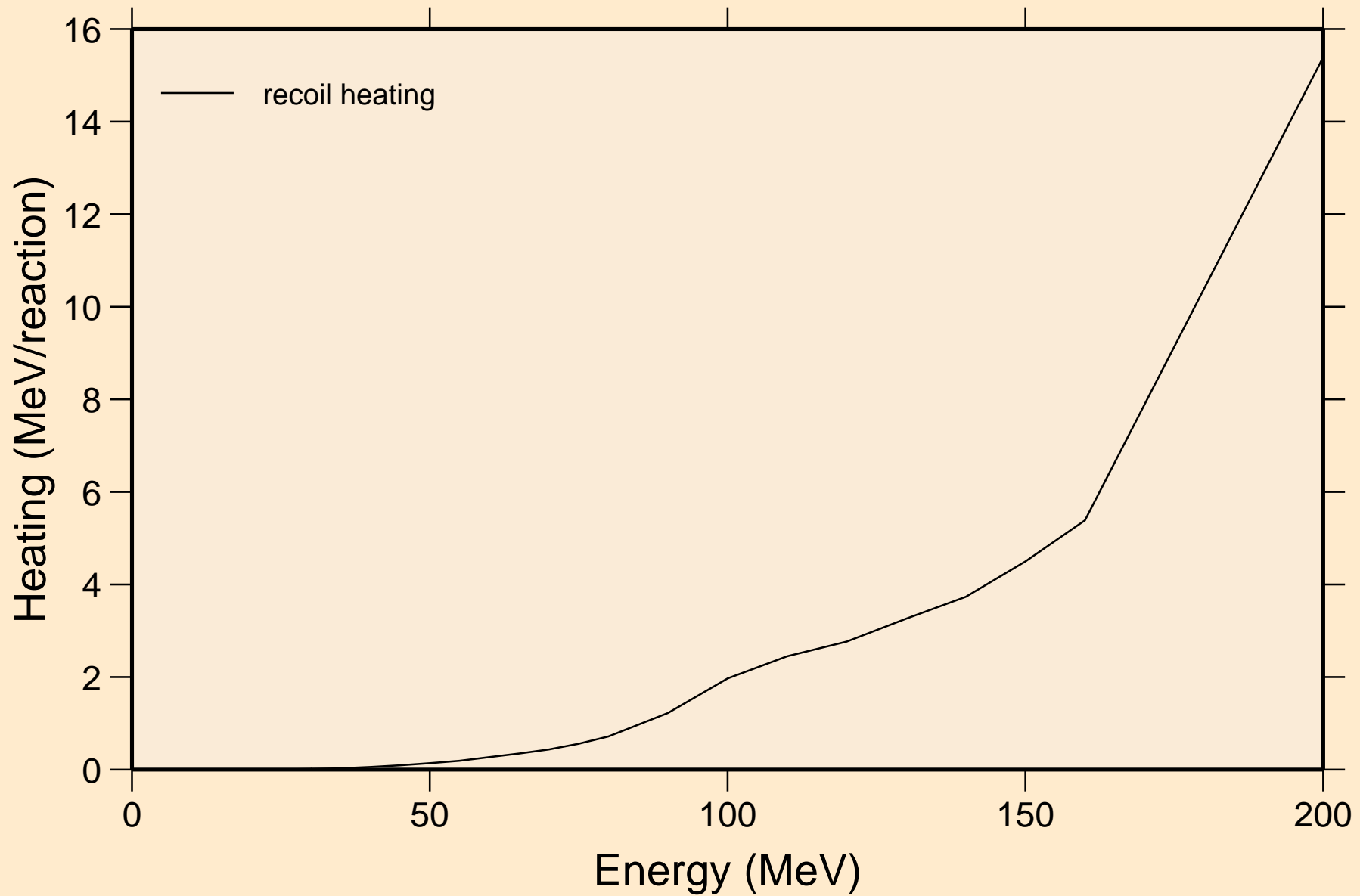


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

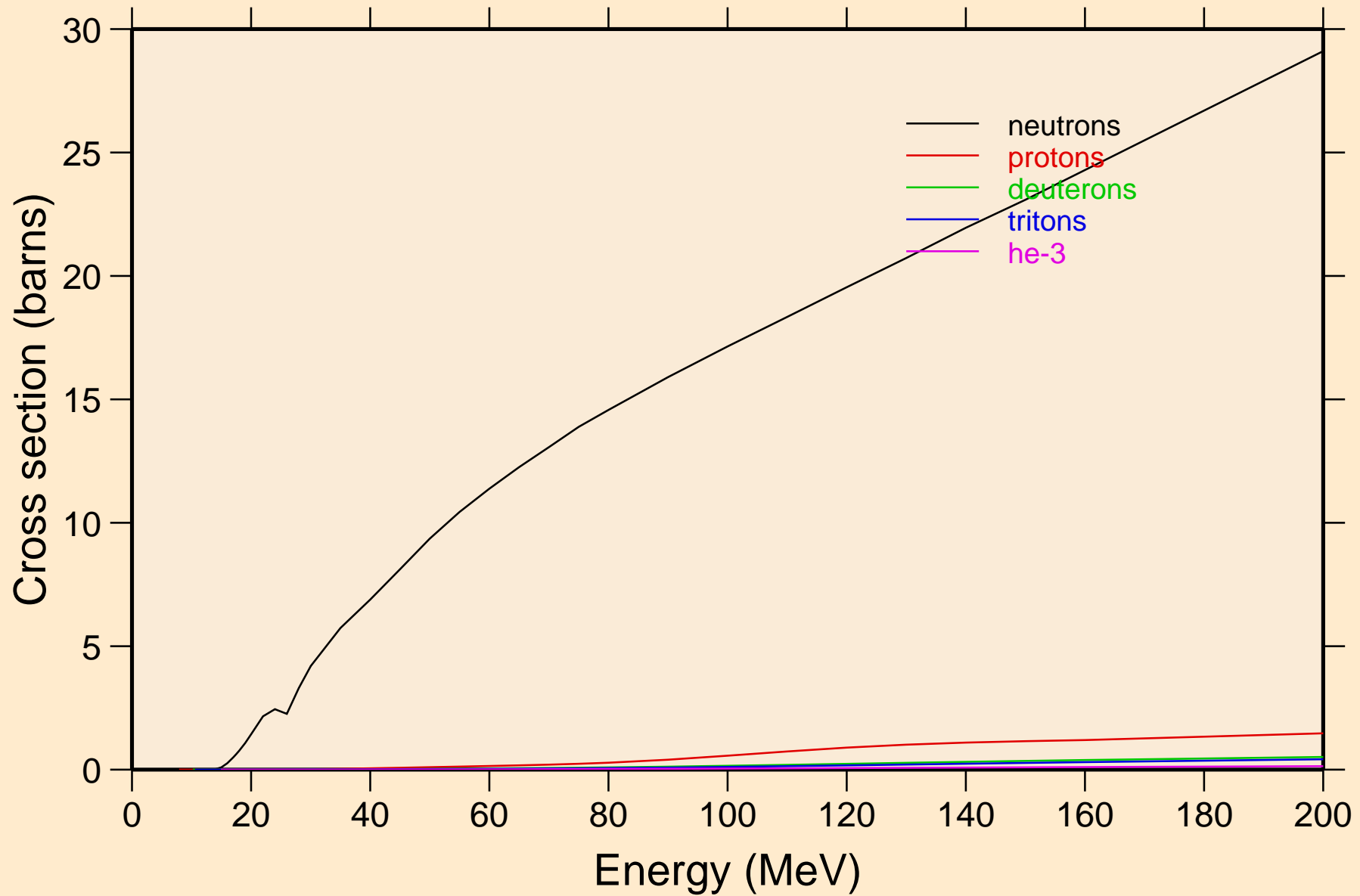


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

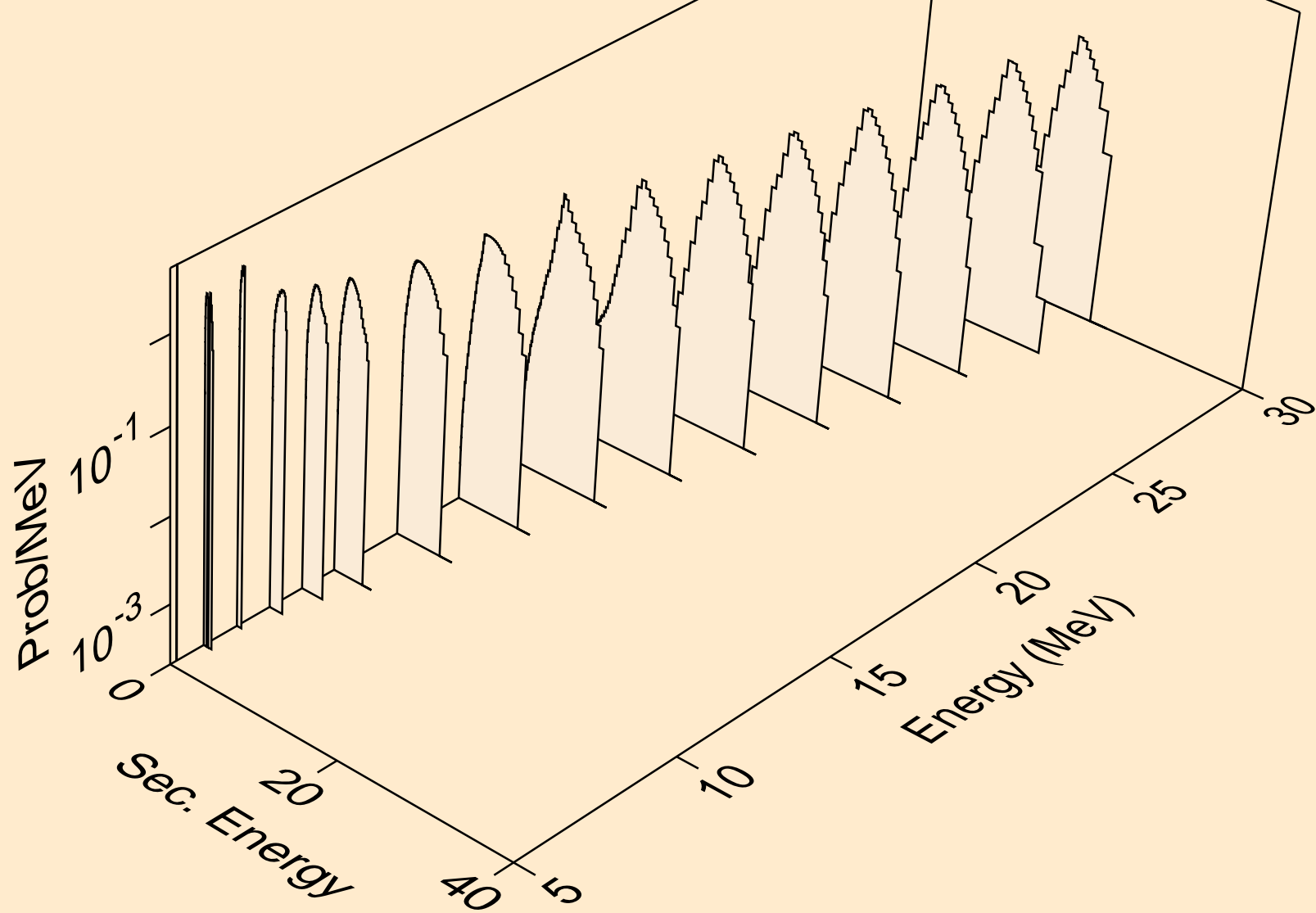
Recoil Heating



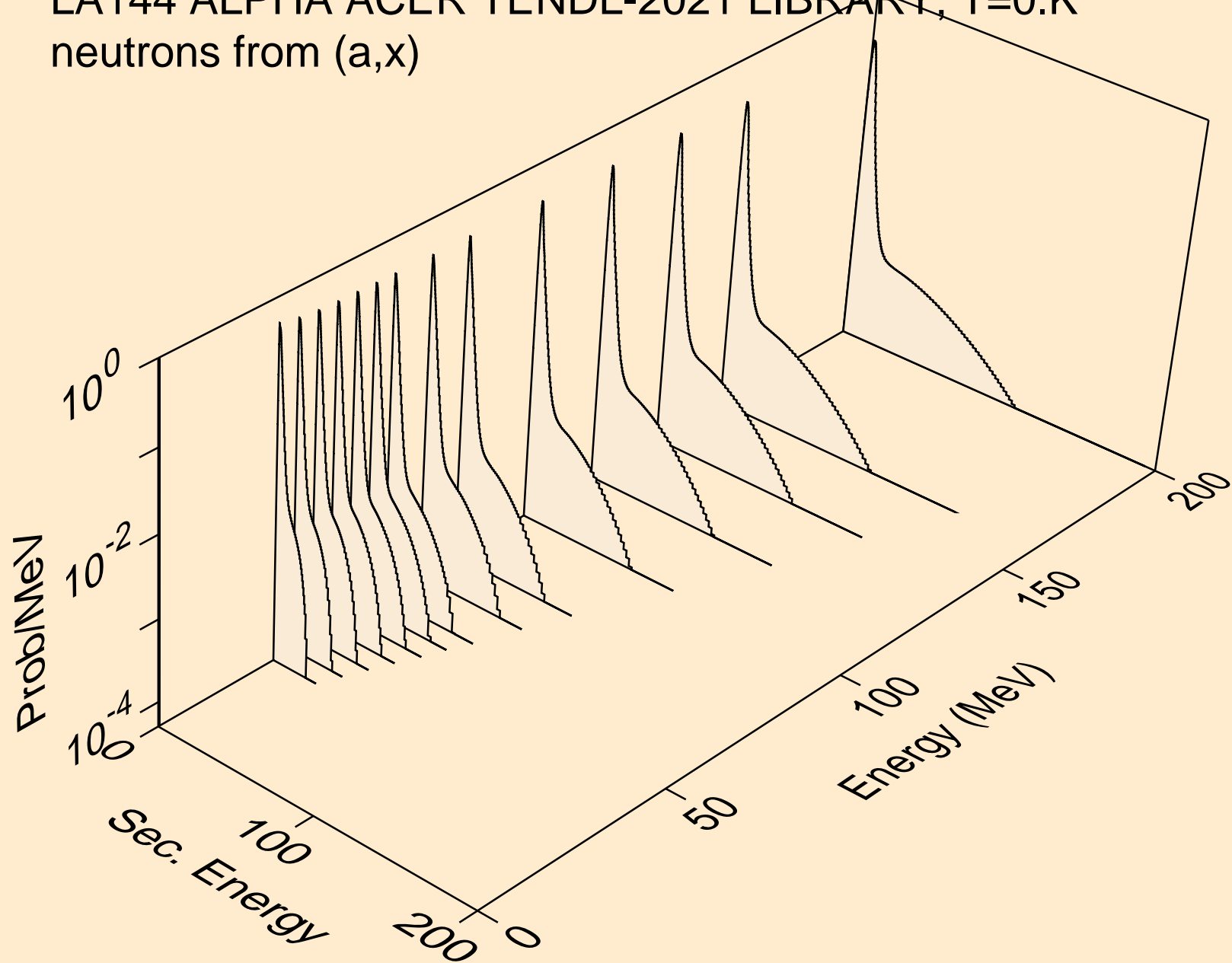
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)

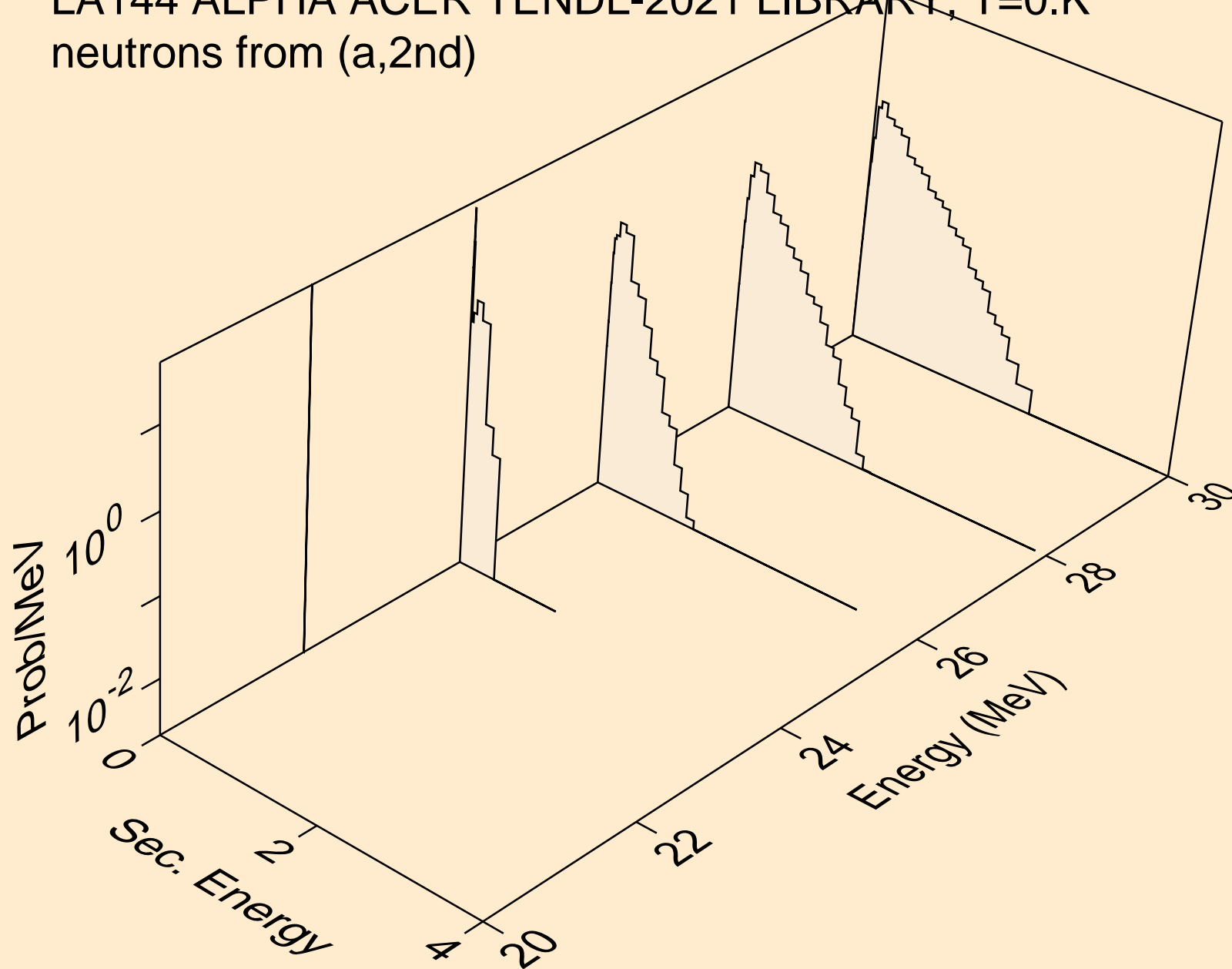


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

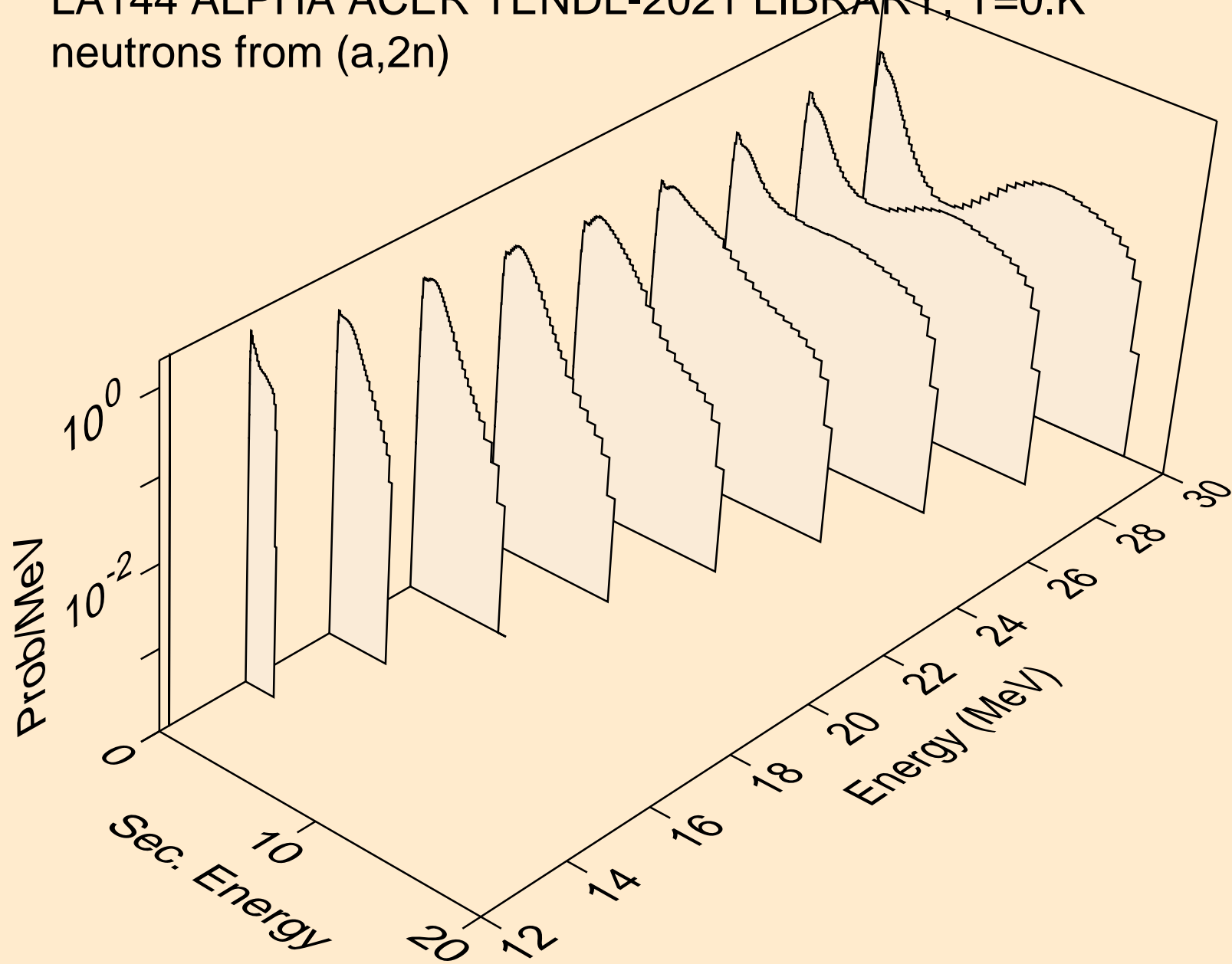




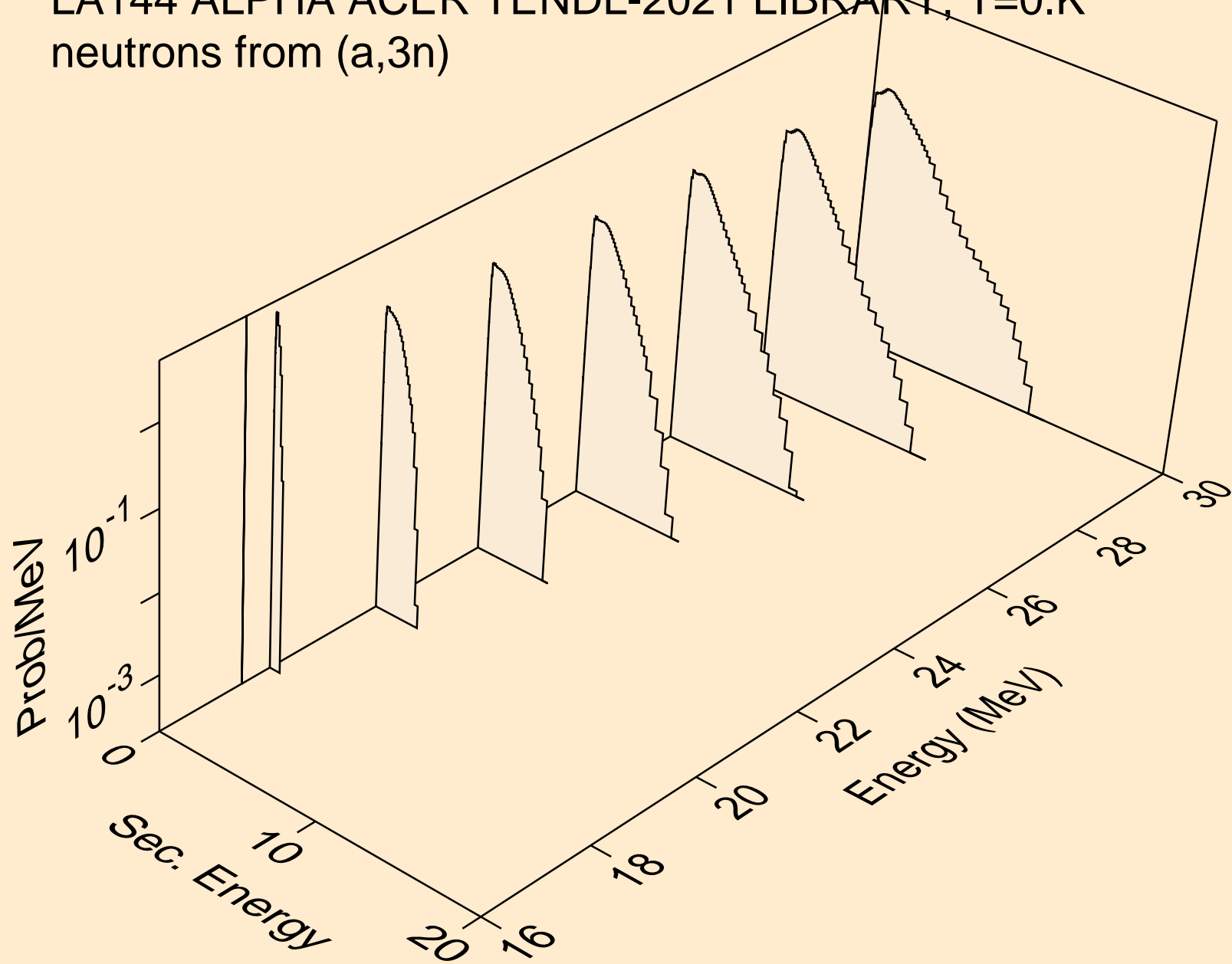
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2nd)



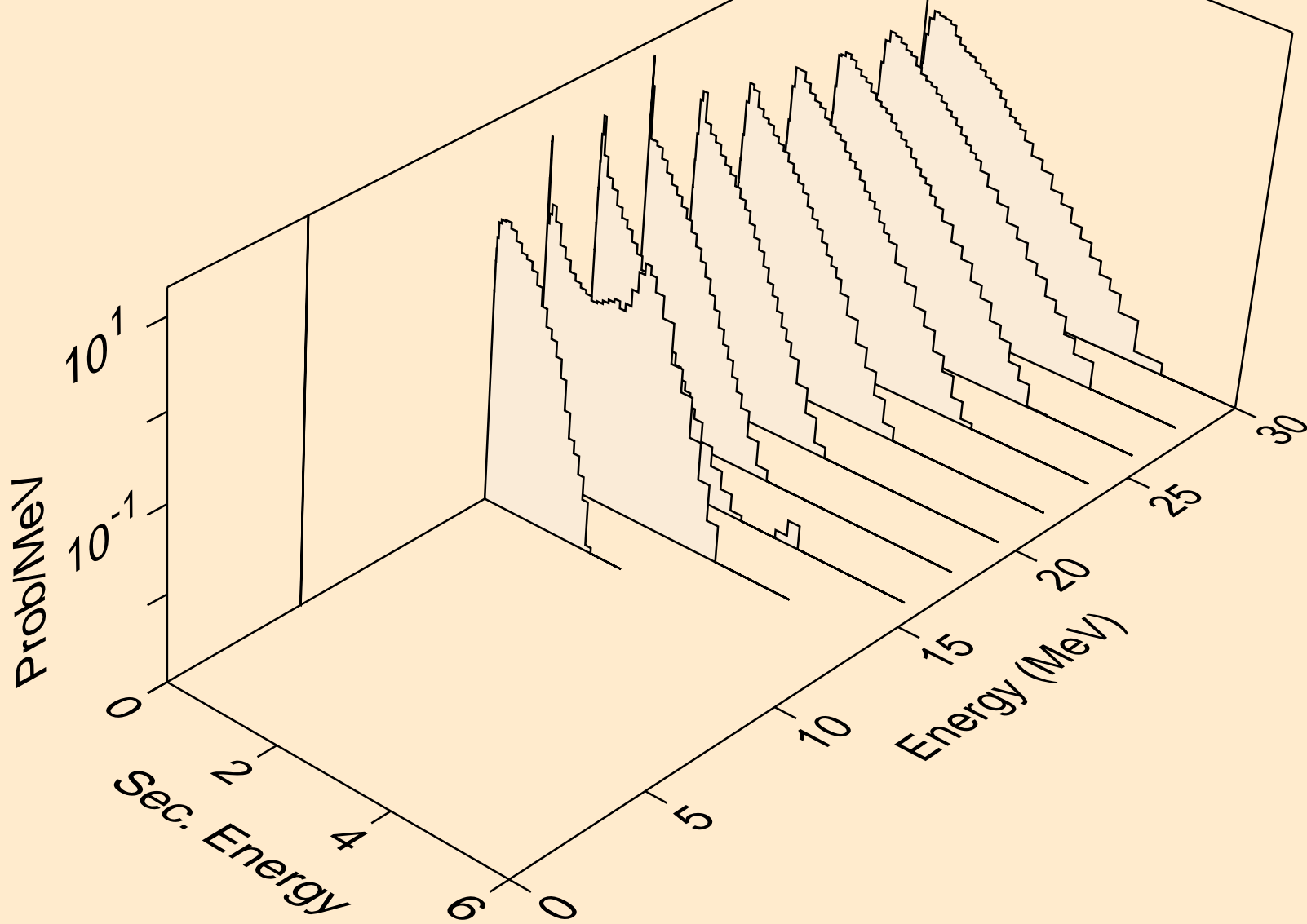
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



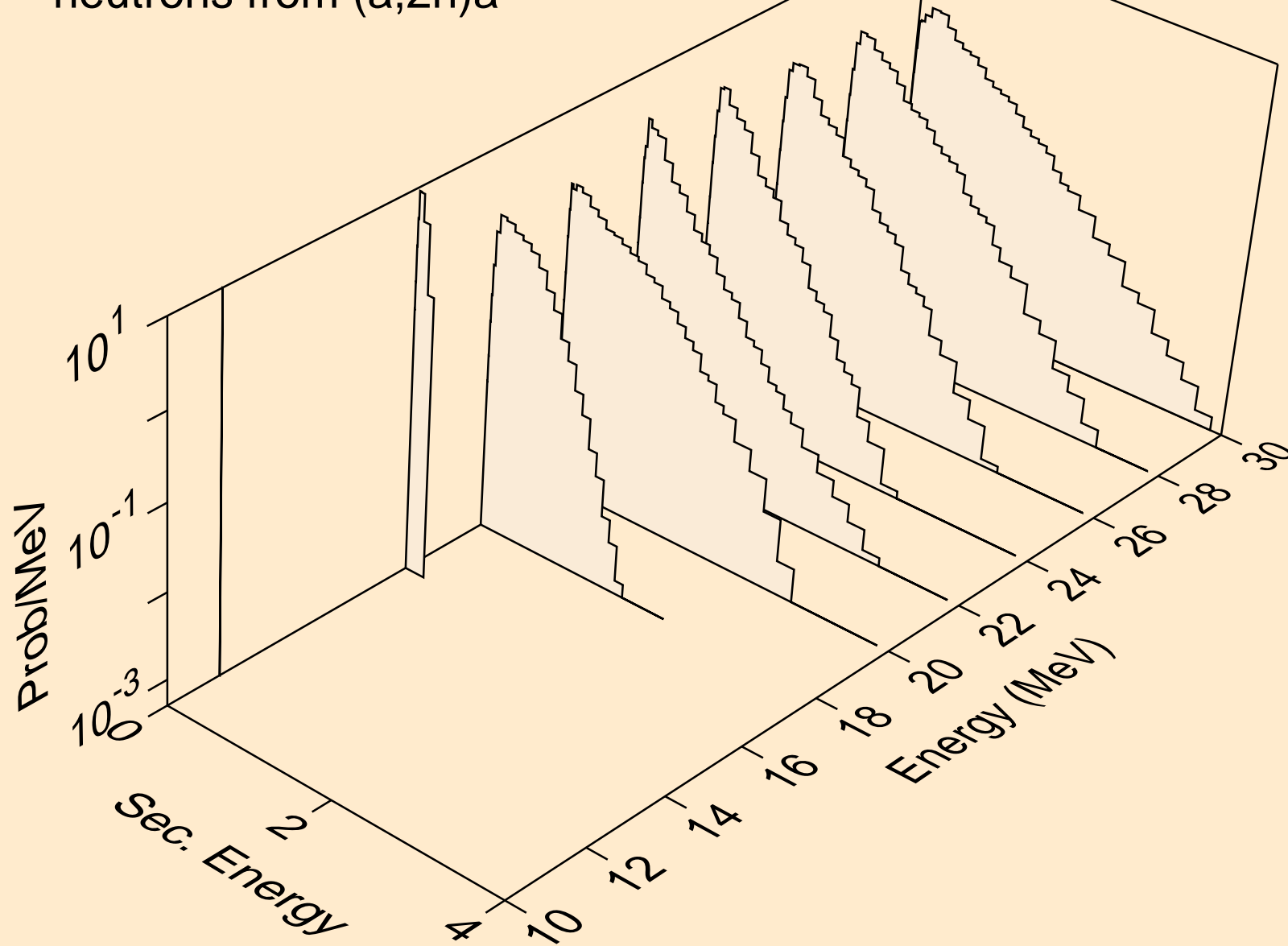
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



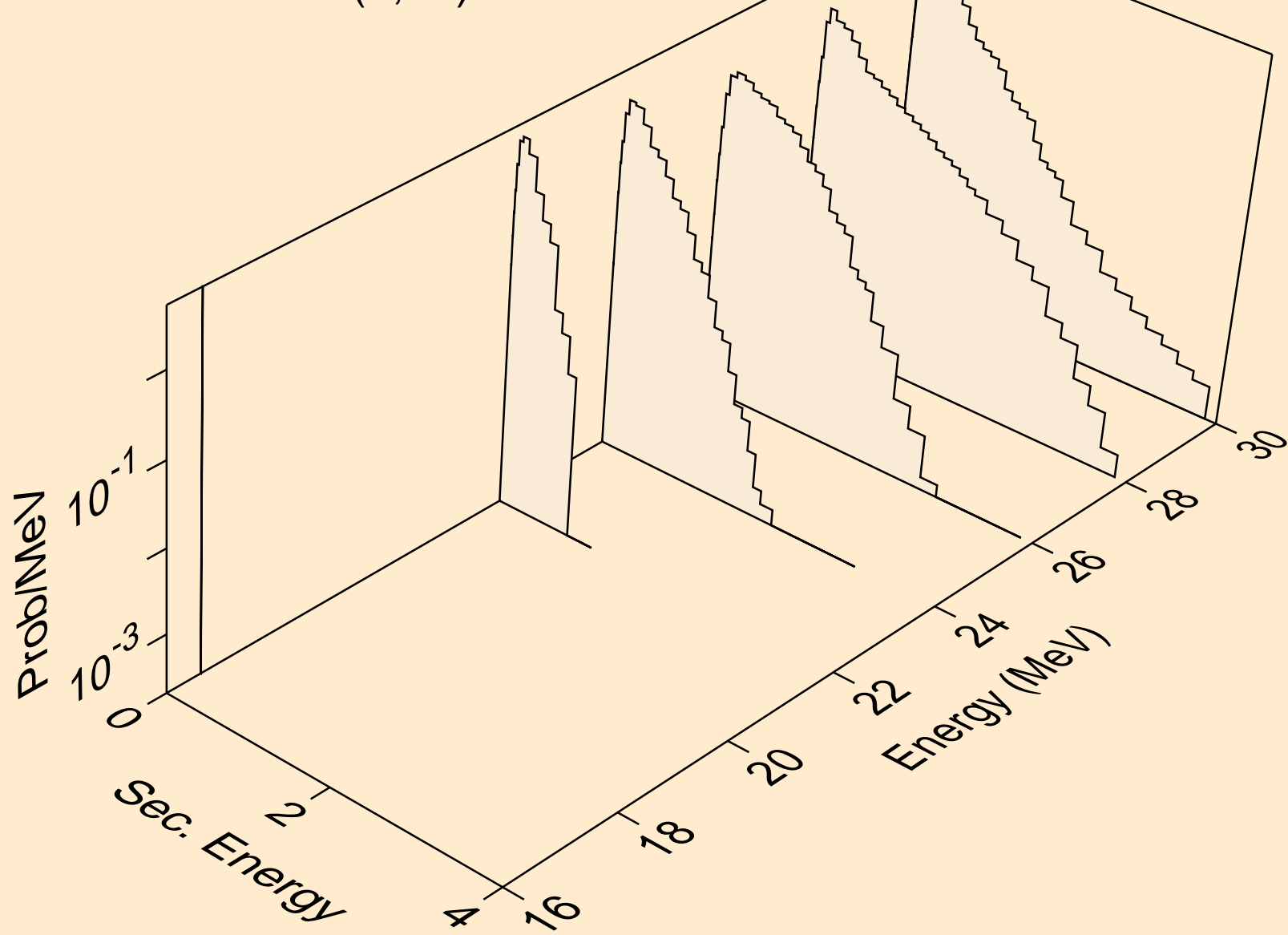
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



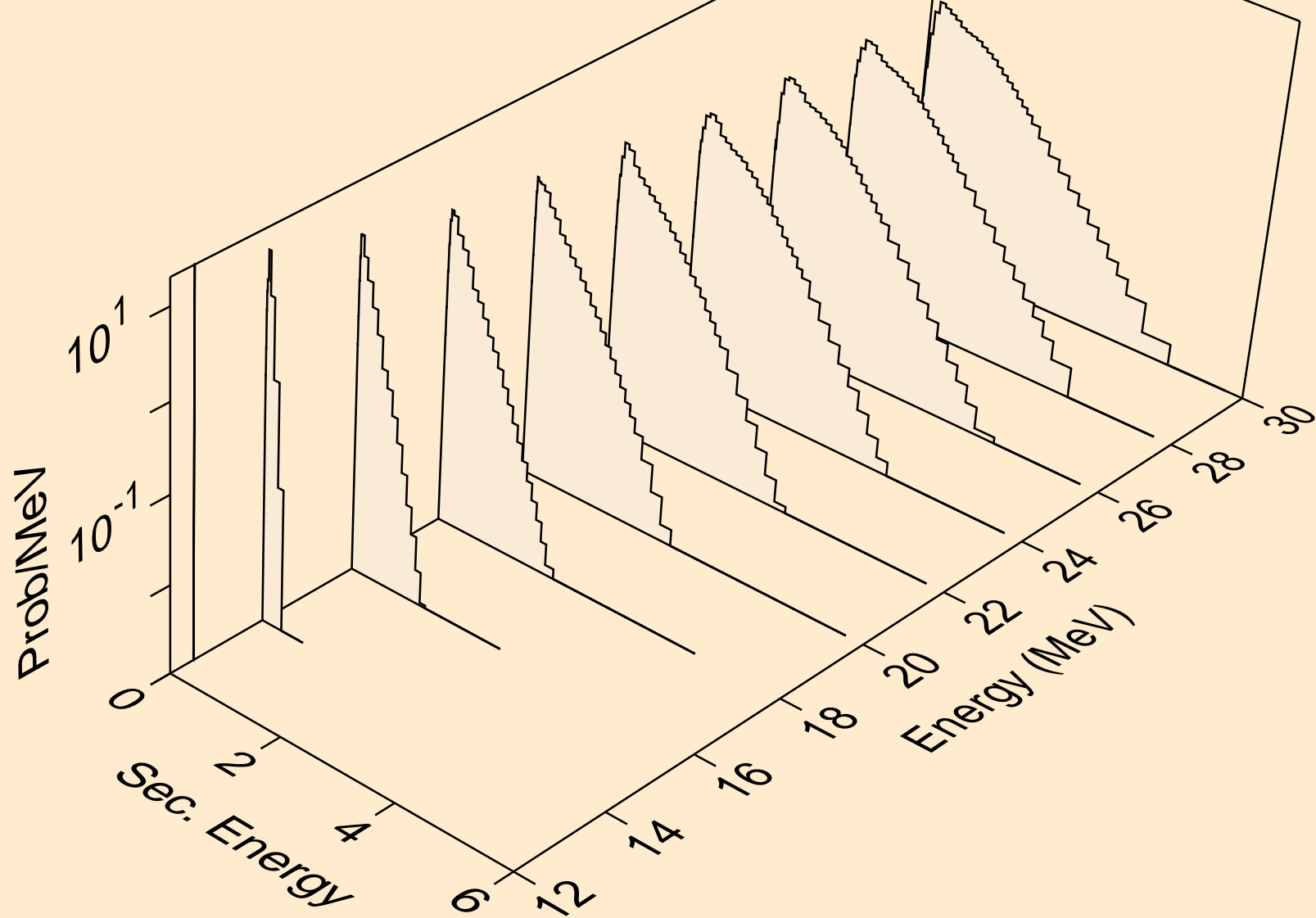
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



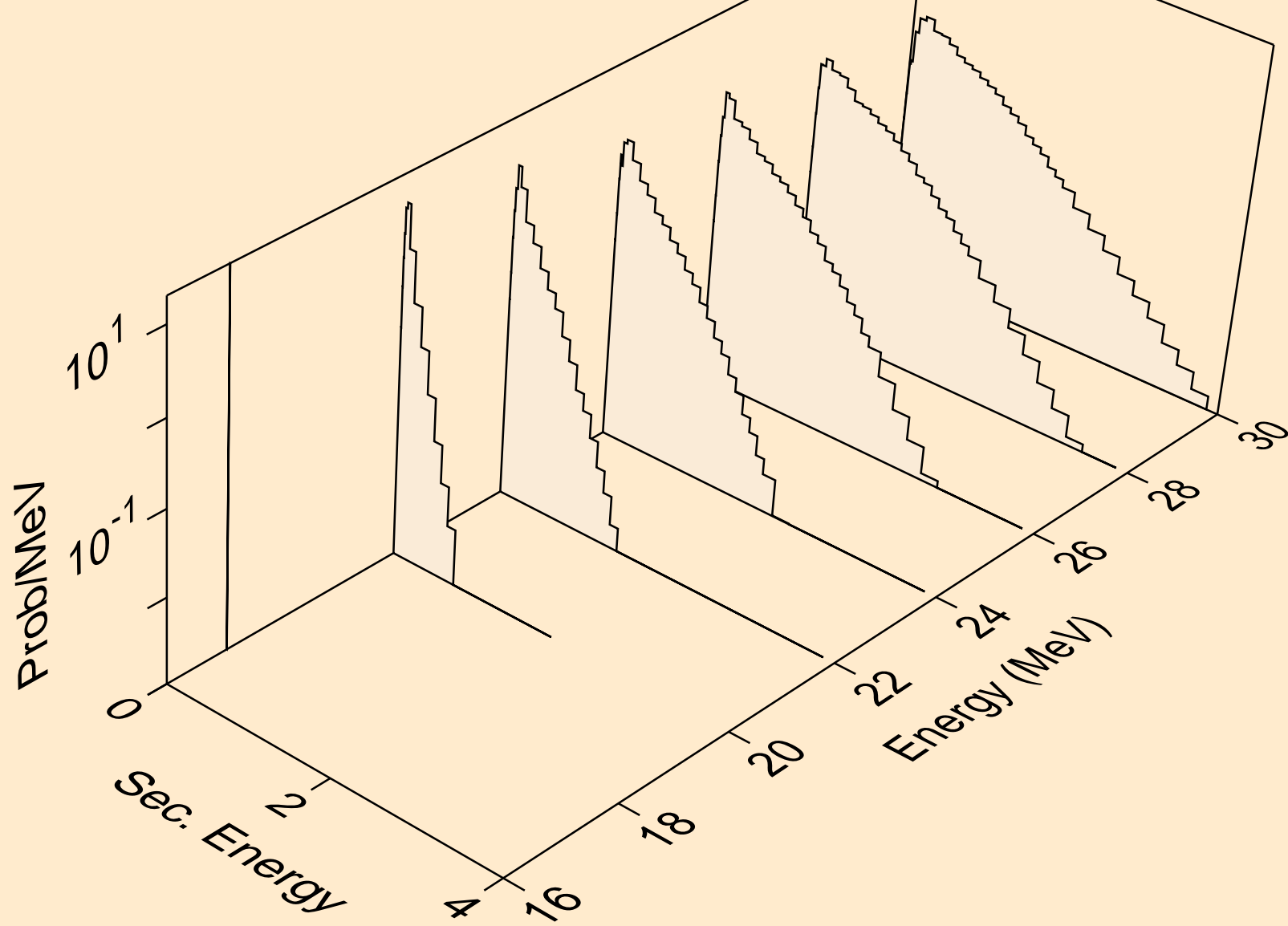
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)a



LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p

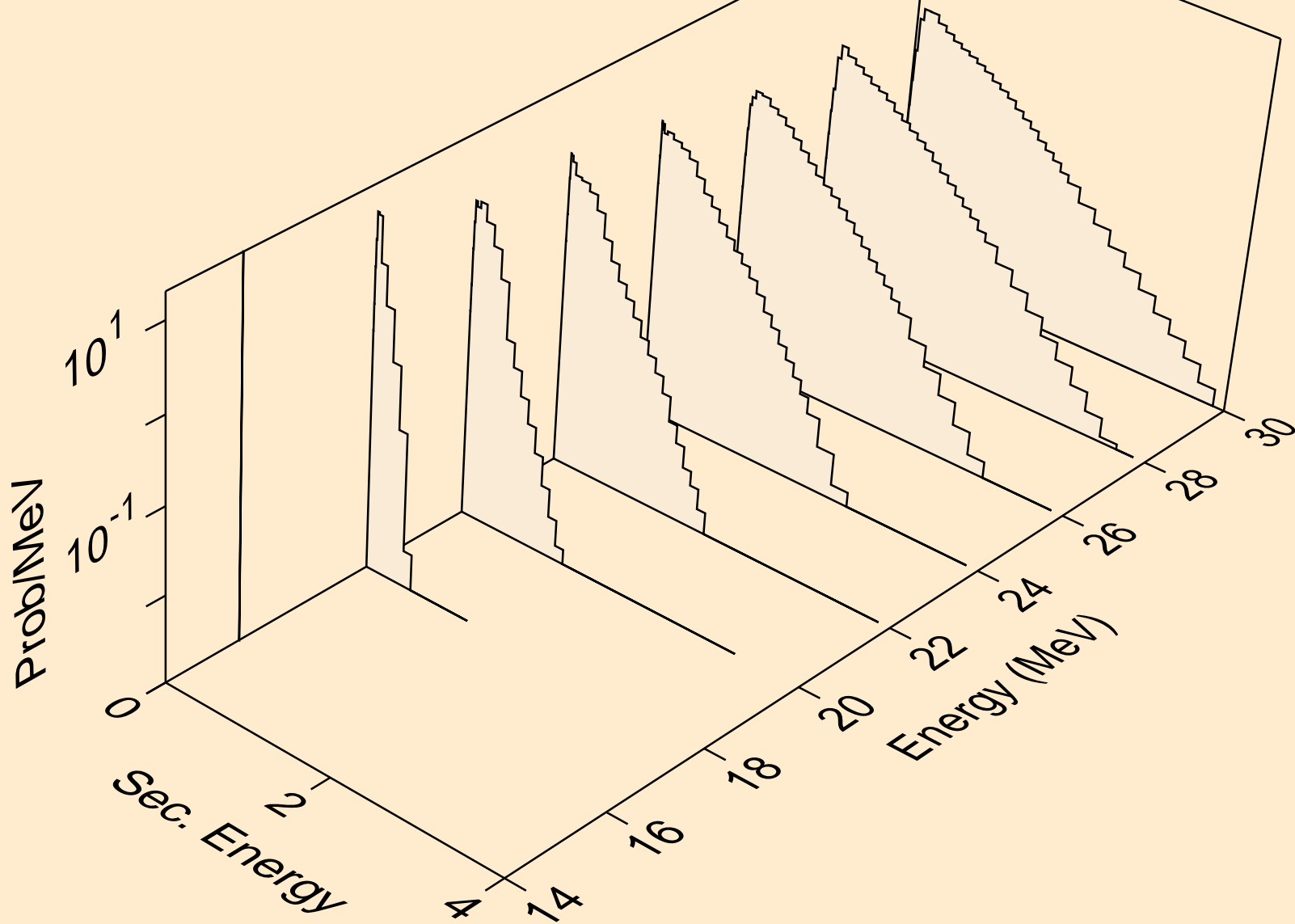


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d

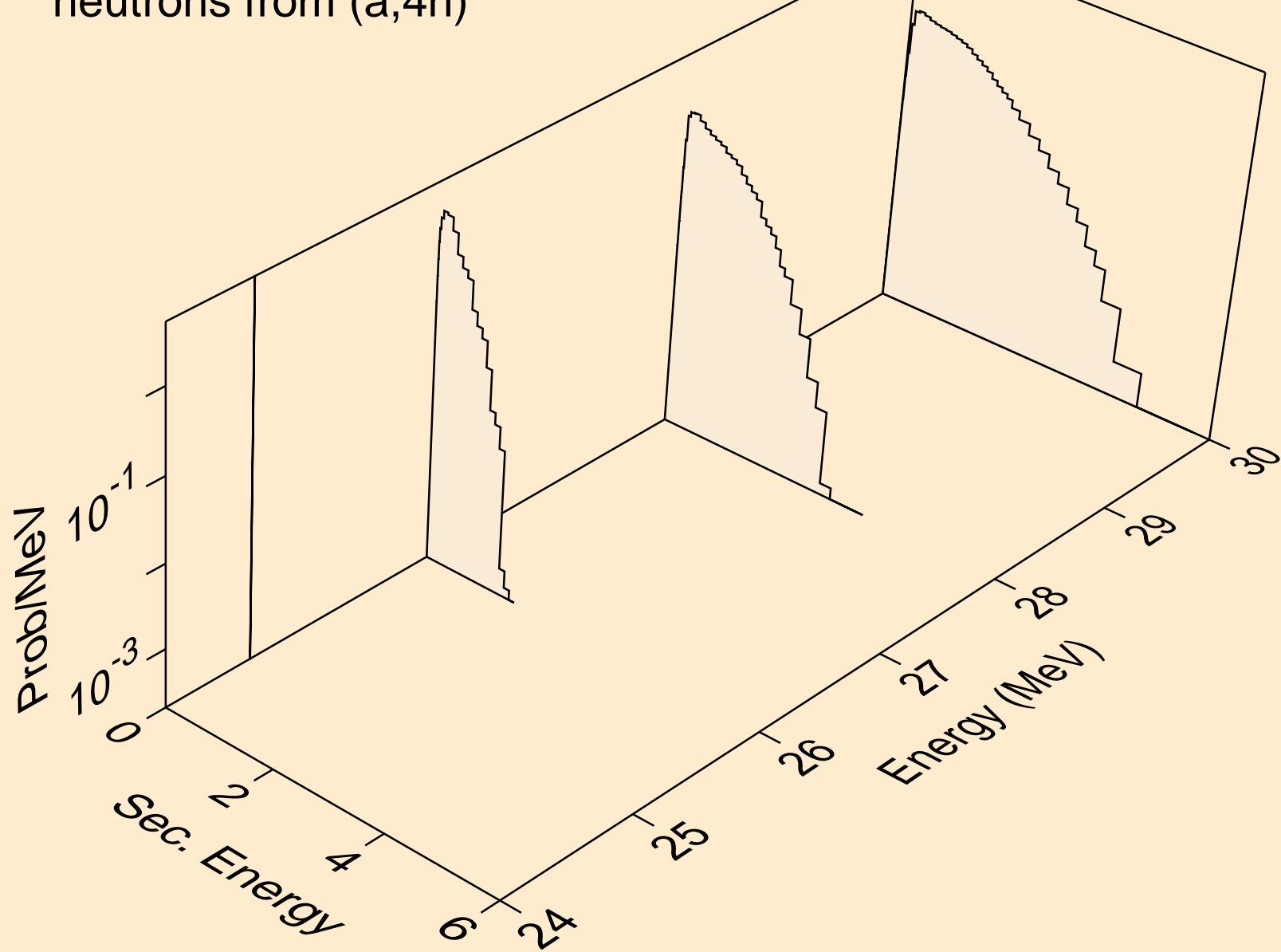




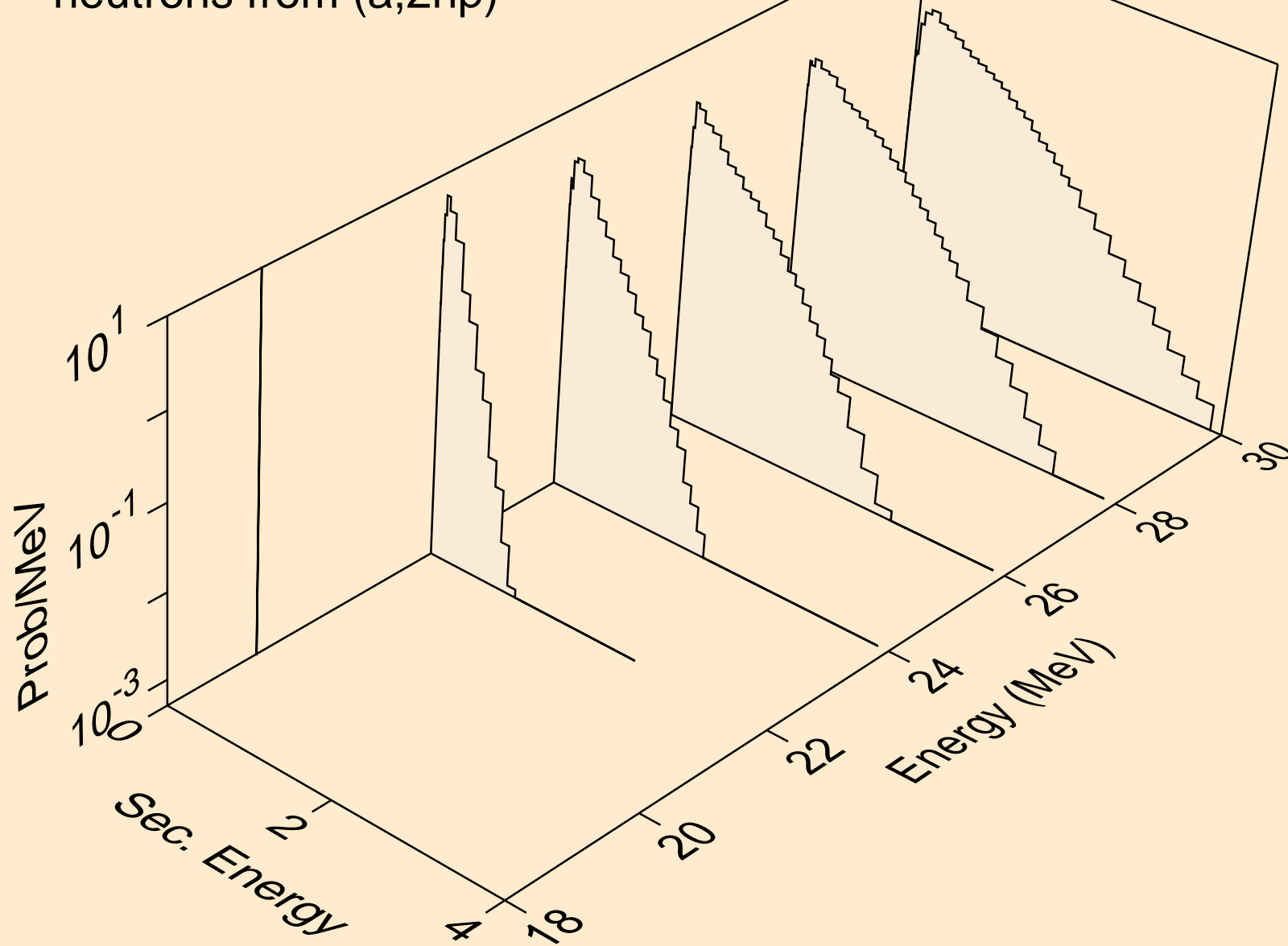
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t



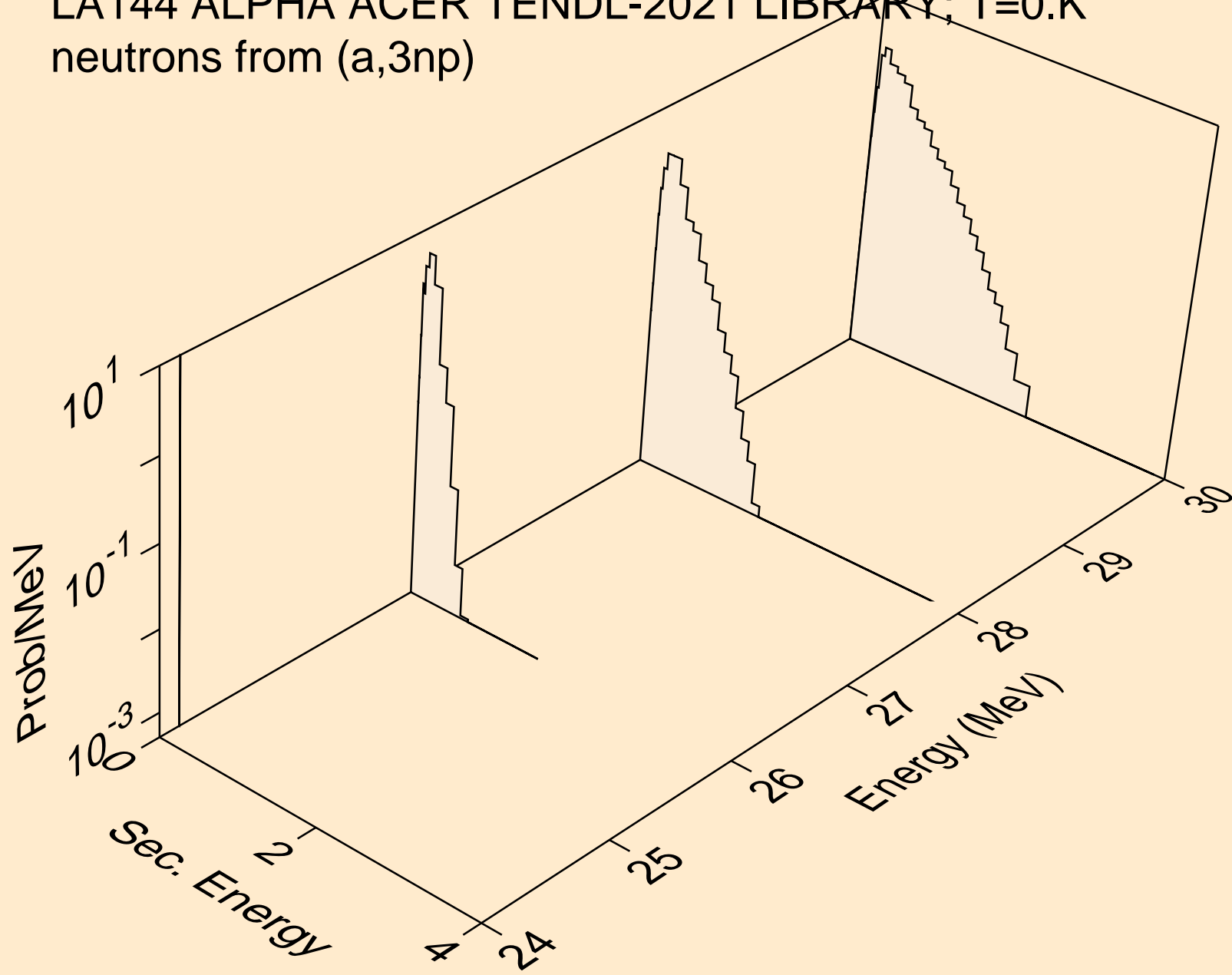
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,4n)



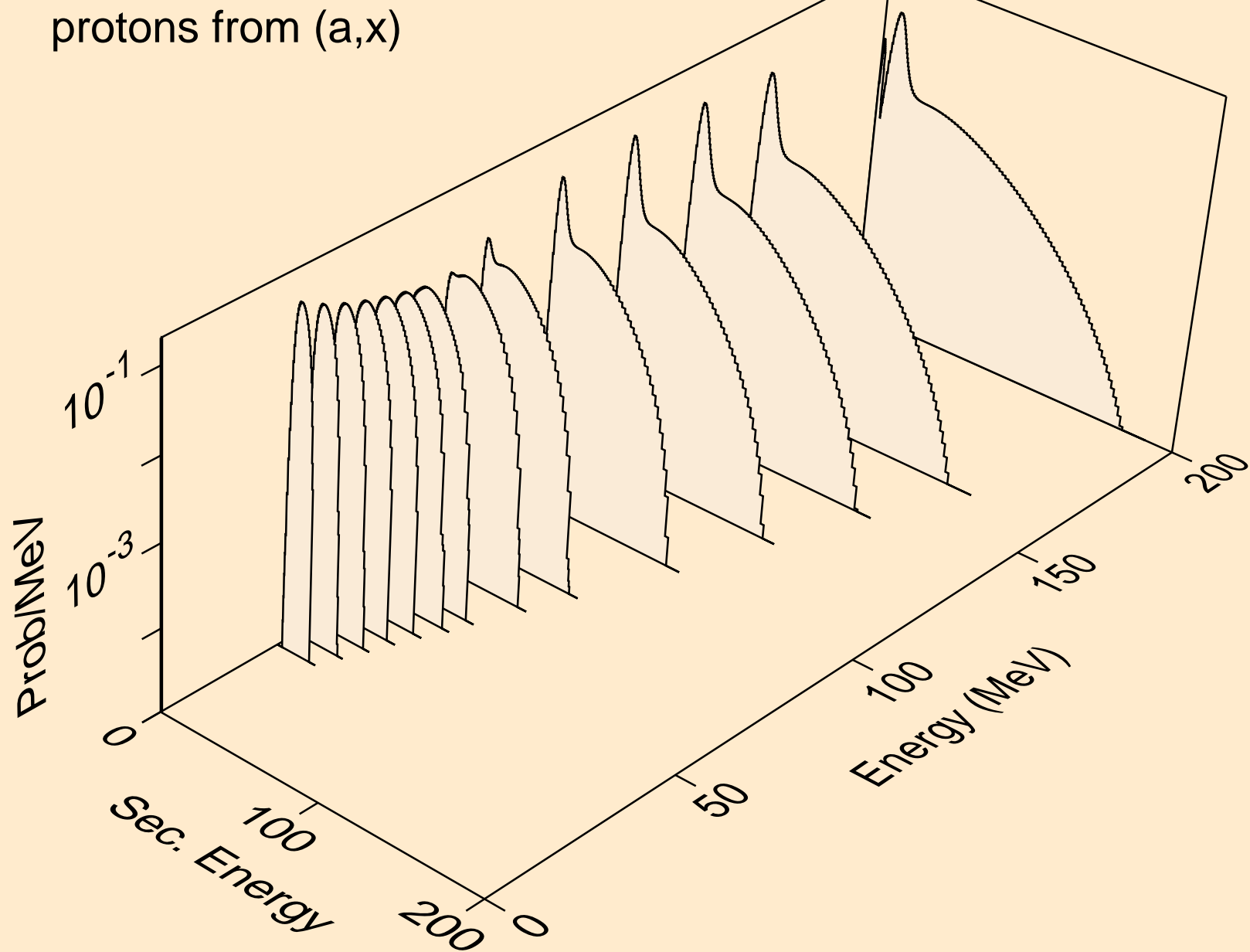
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



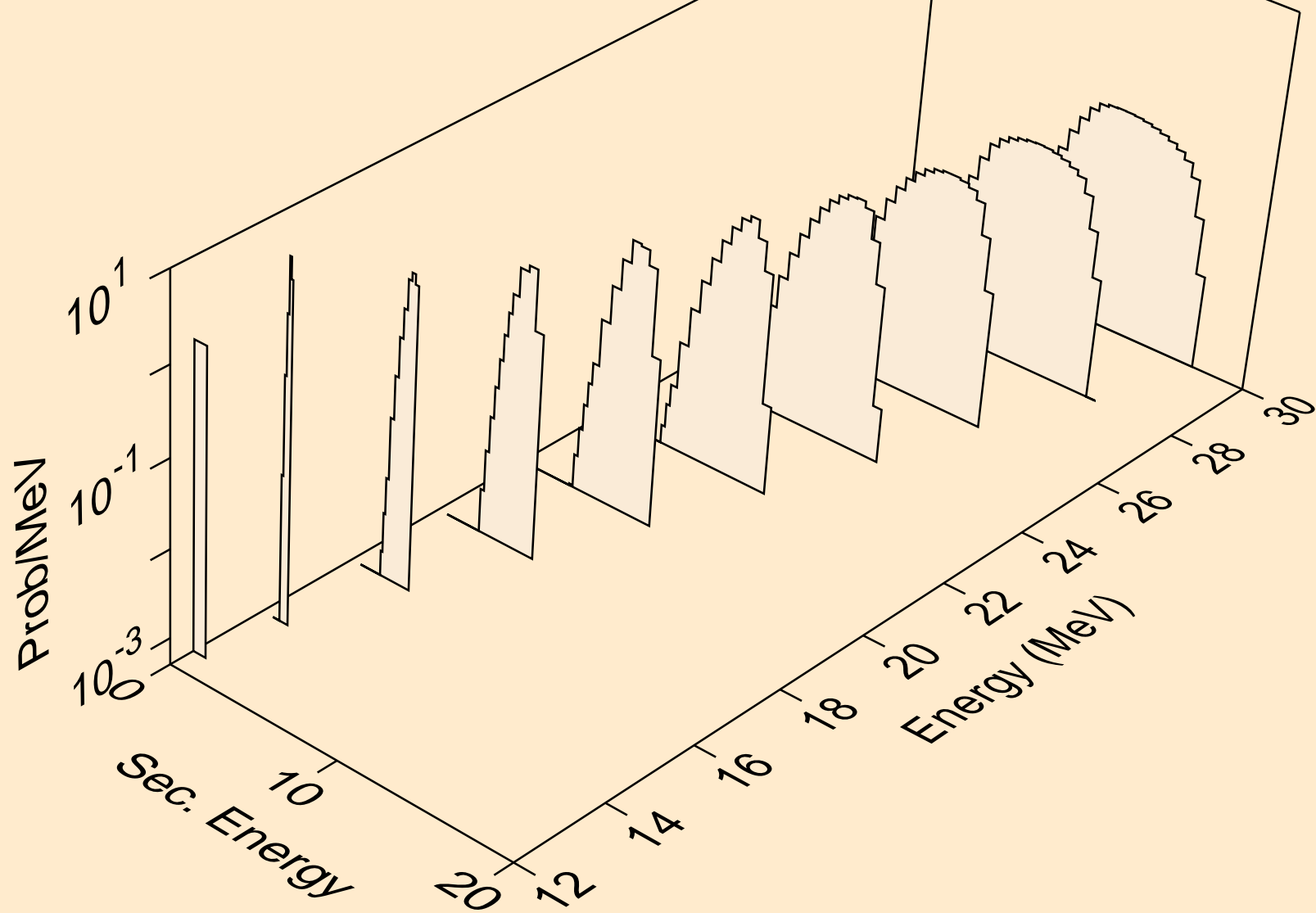
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3np)



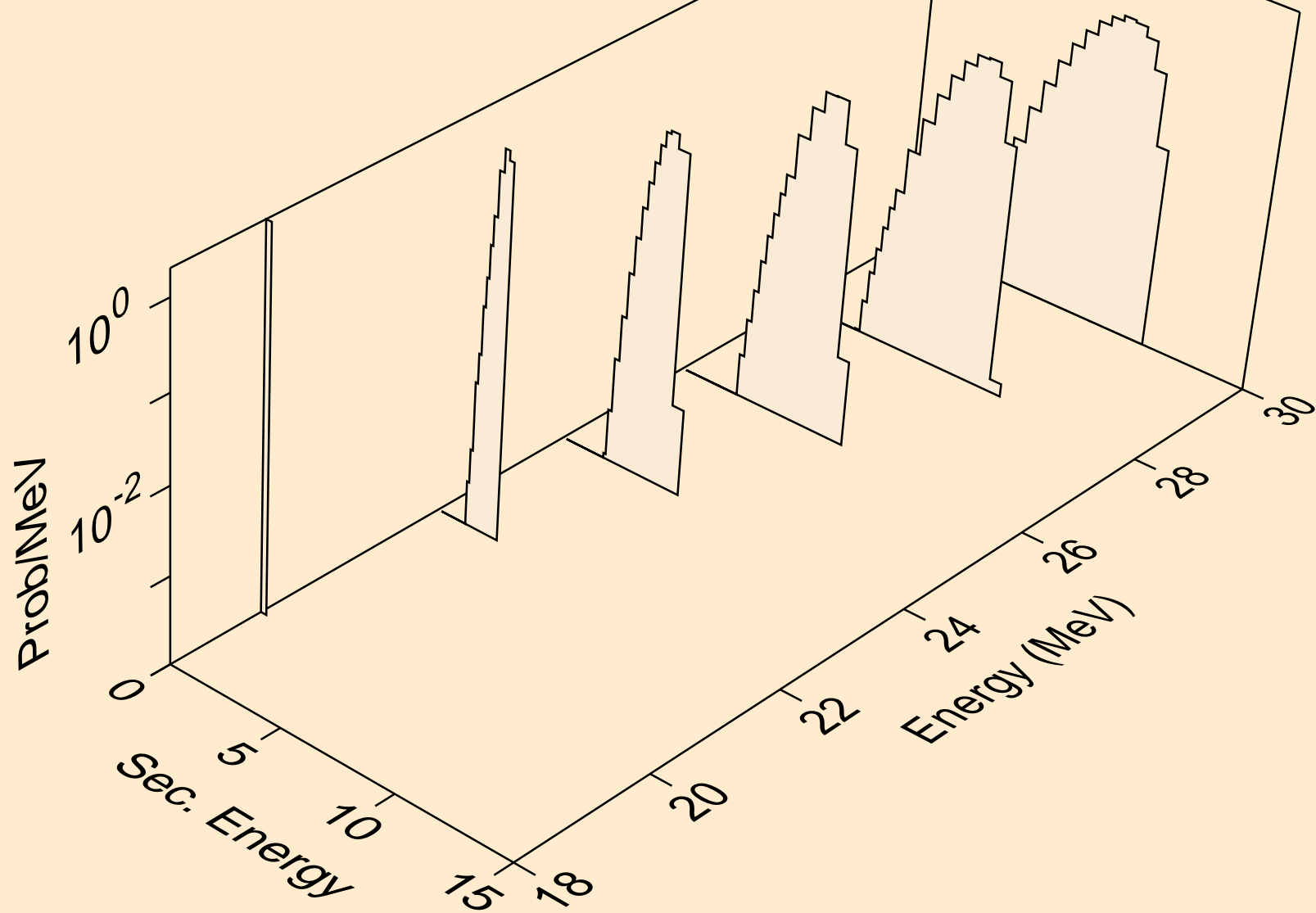
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



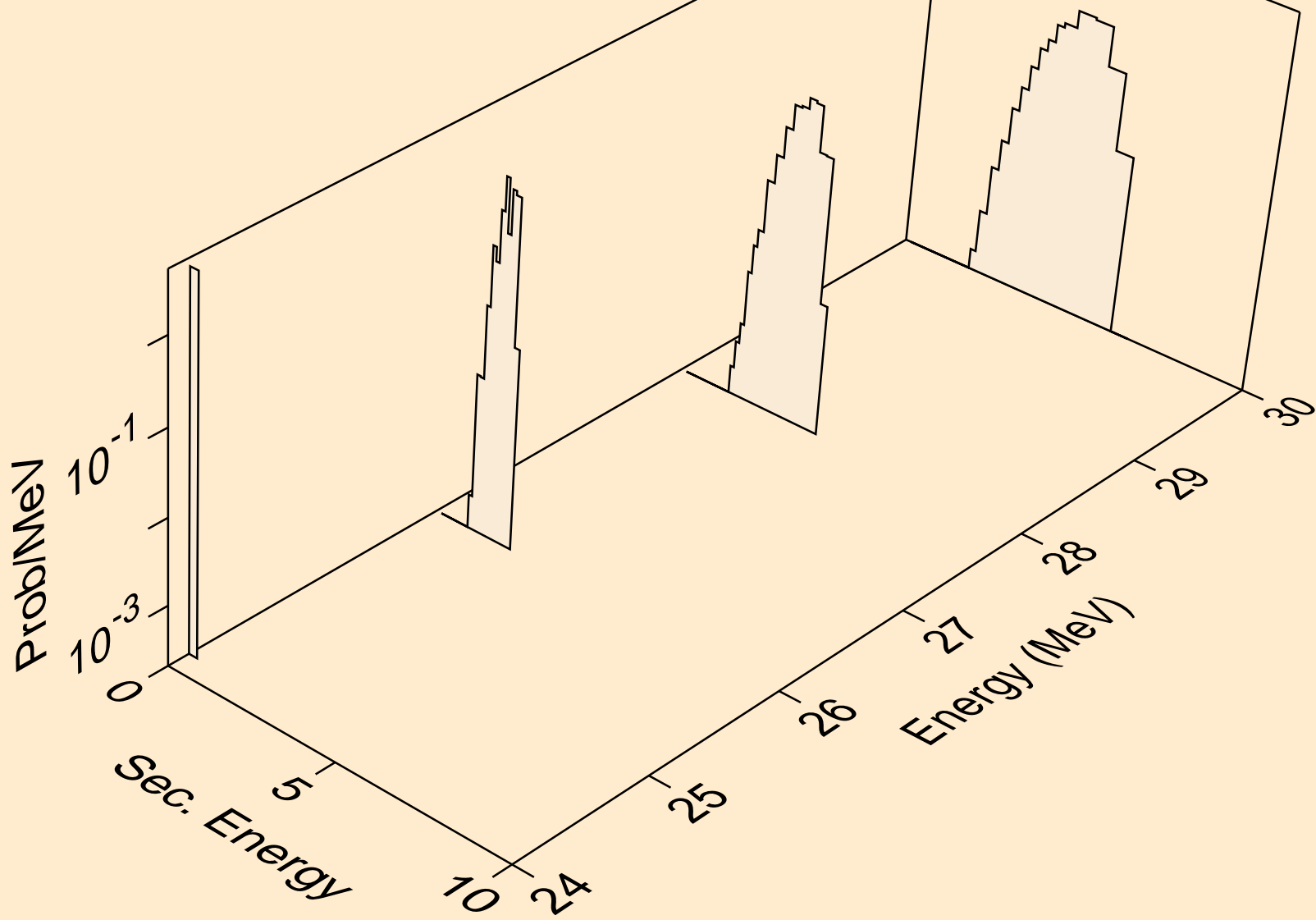
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)

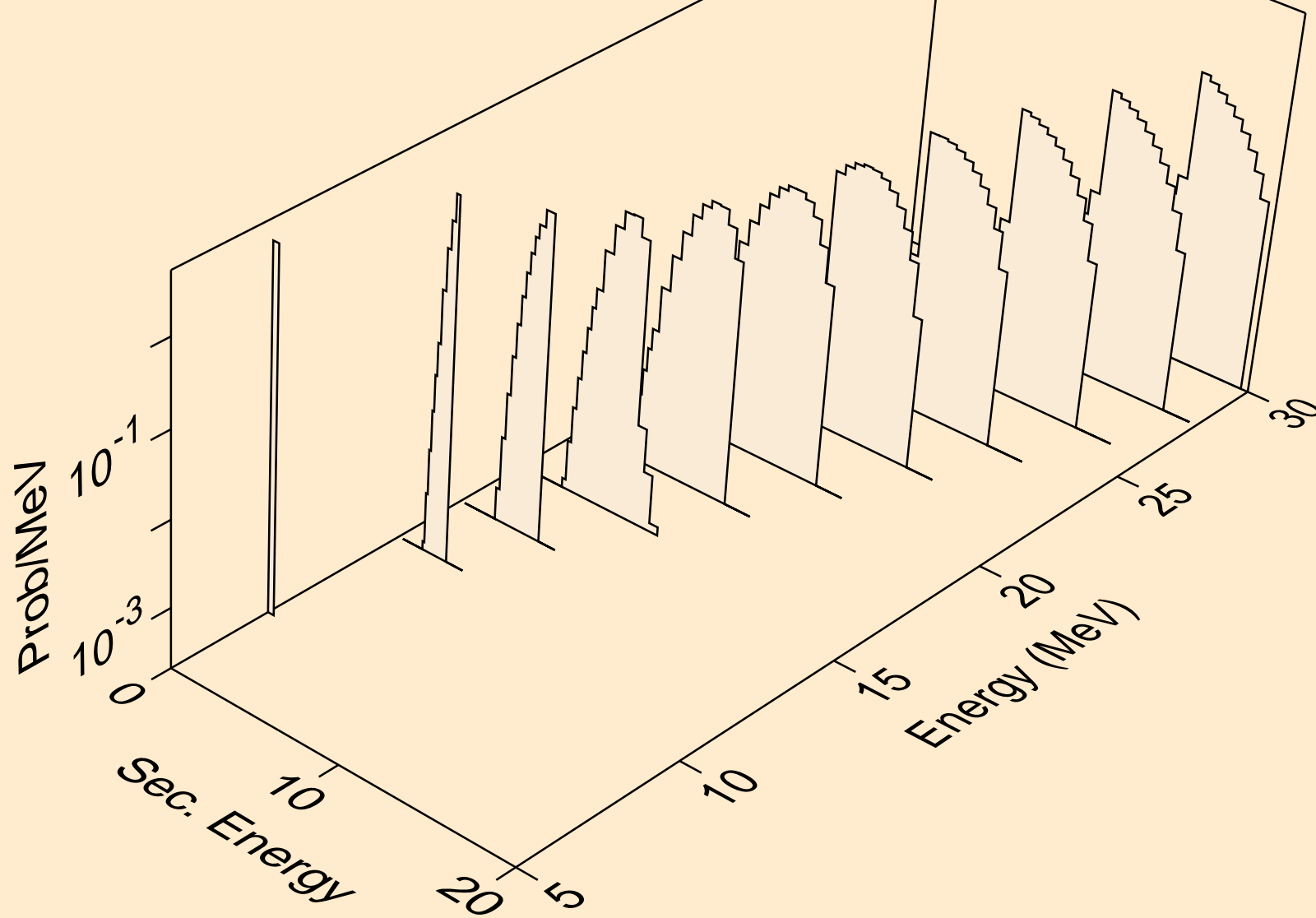


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,3np)

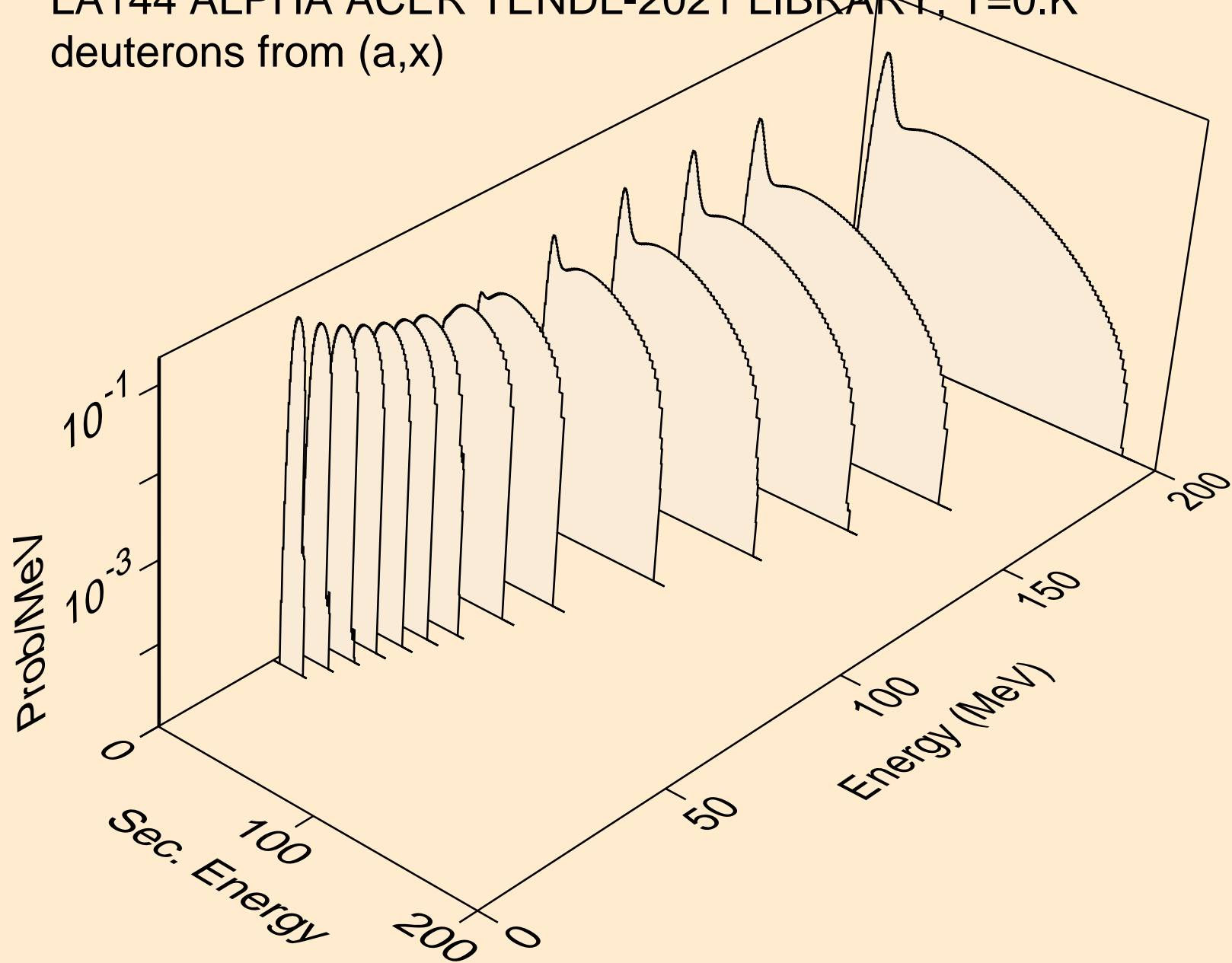




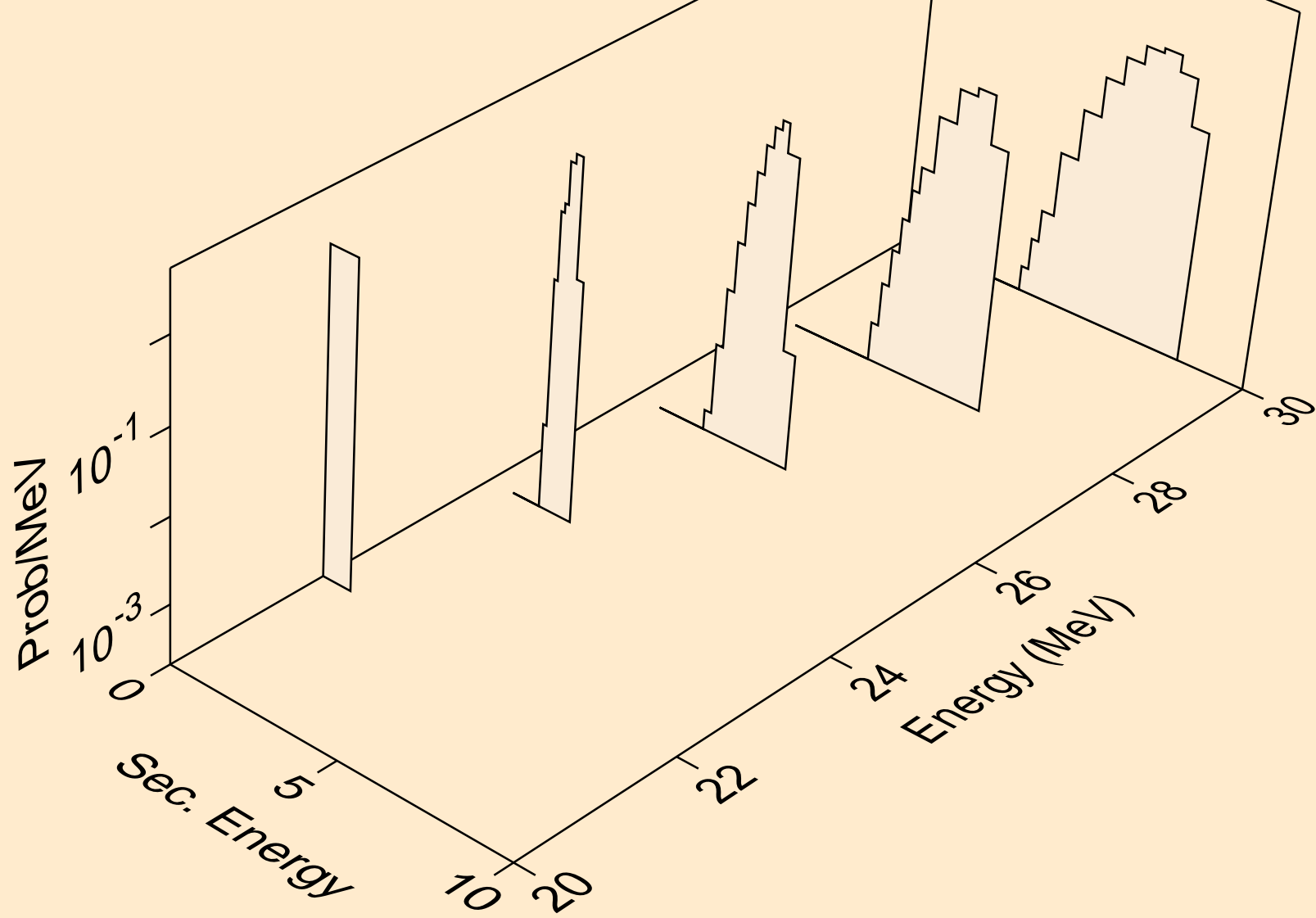
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



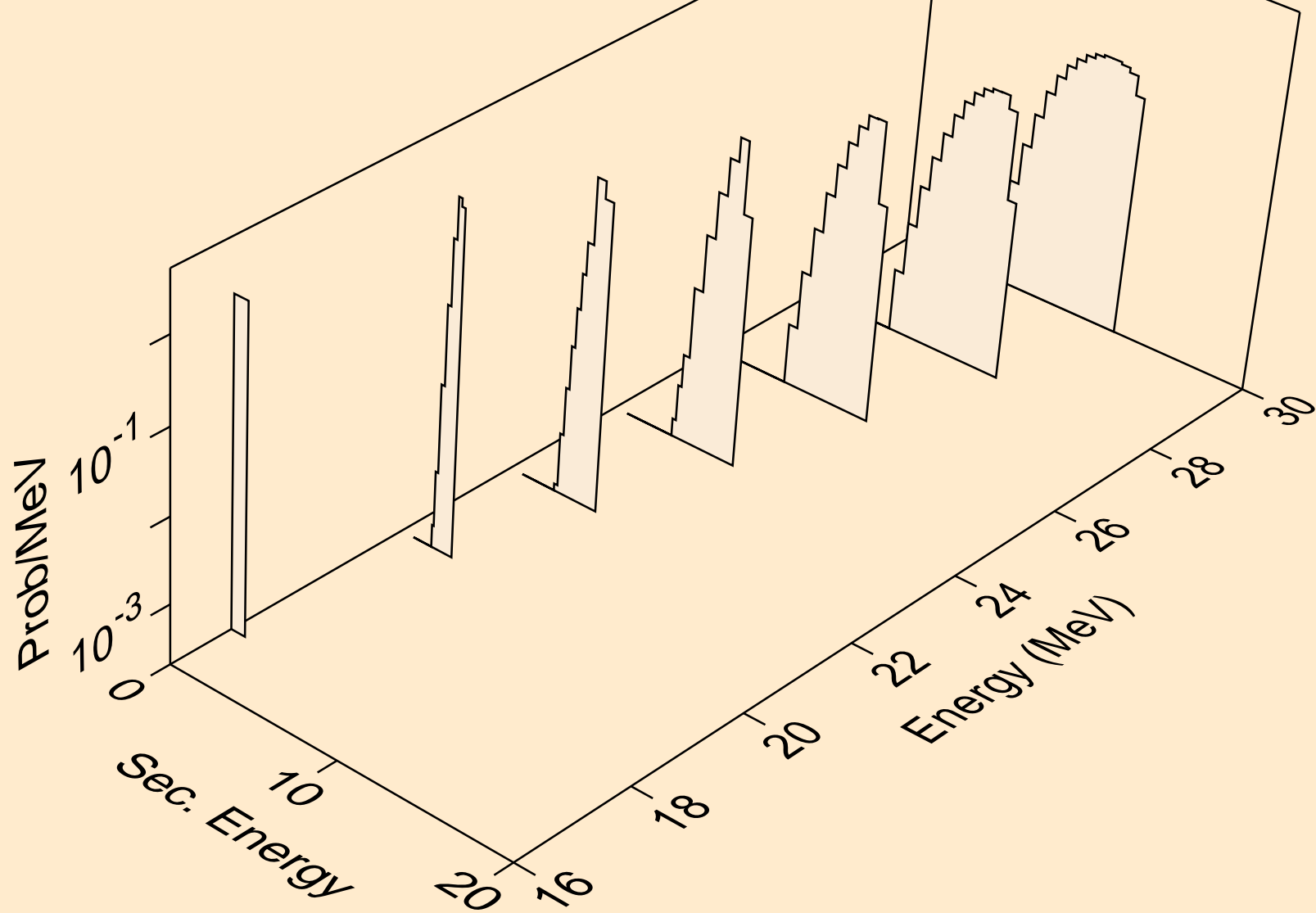
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



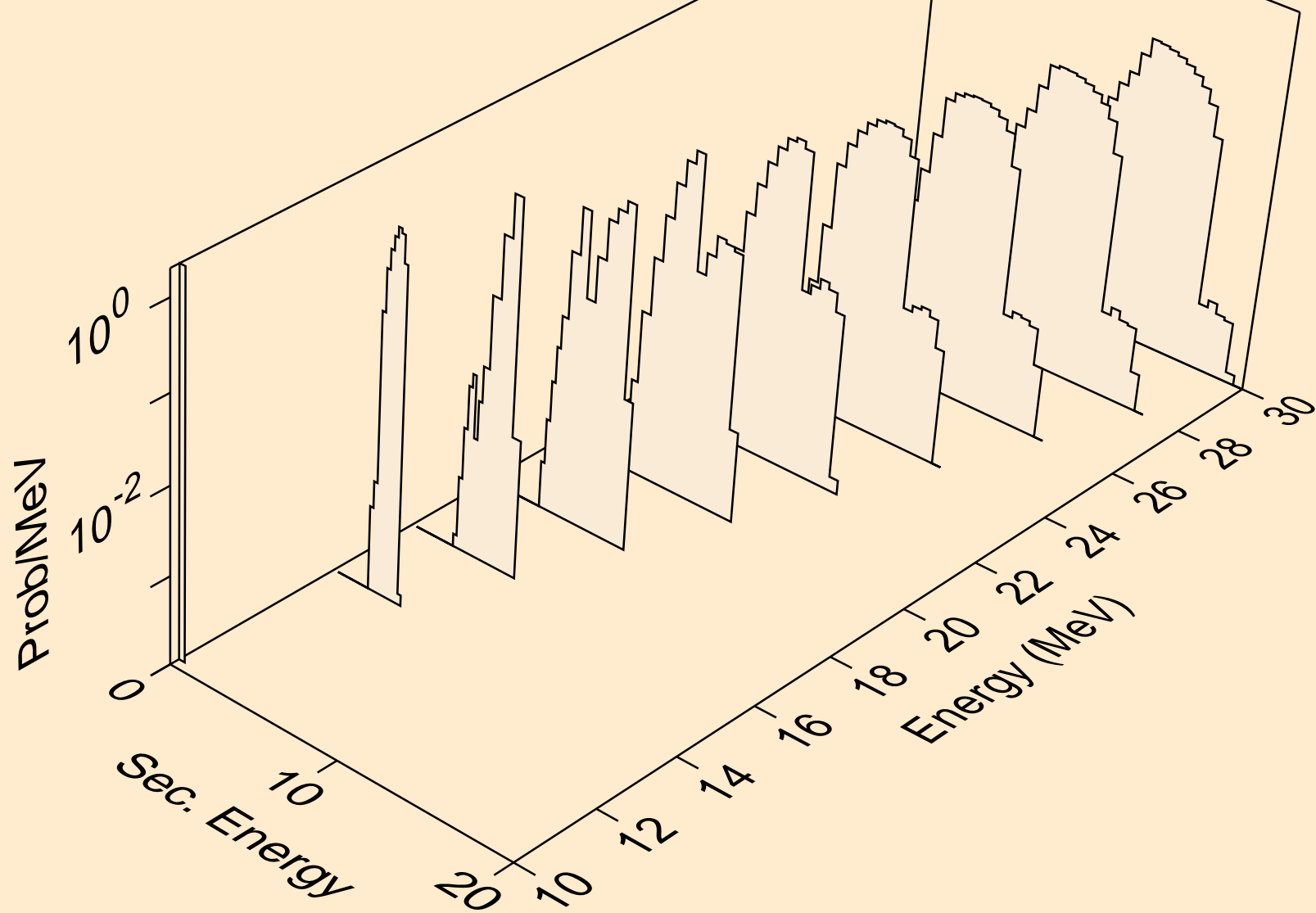
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,2nd)



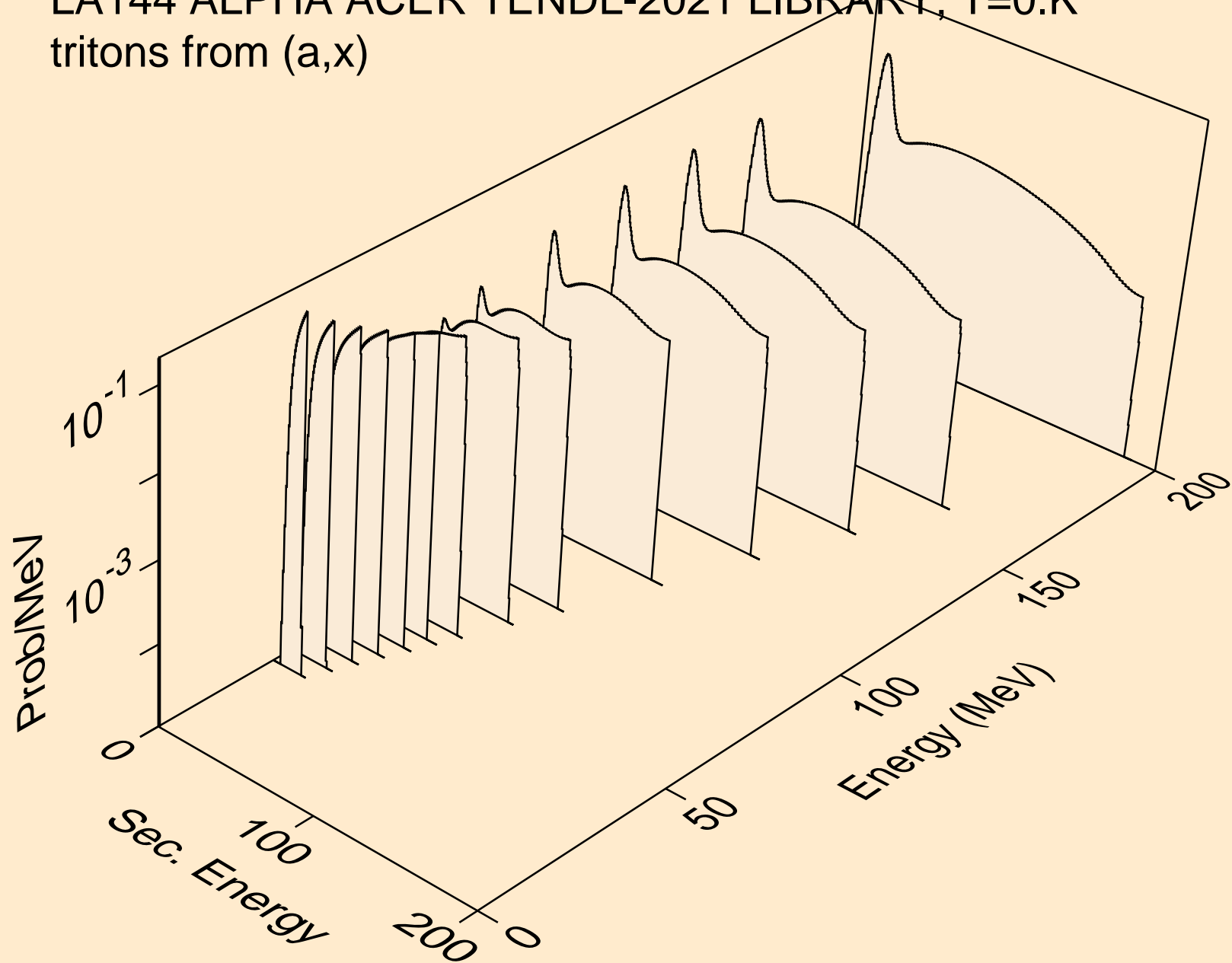
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



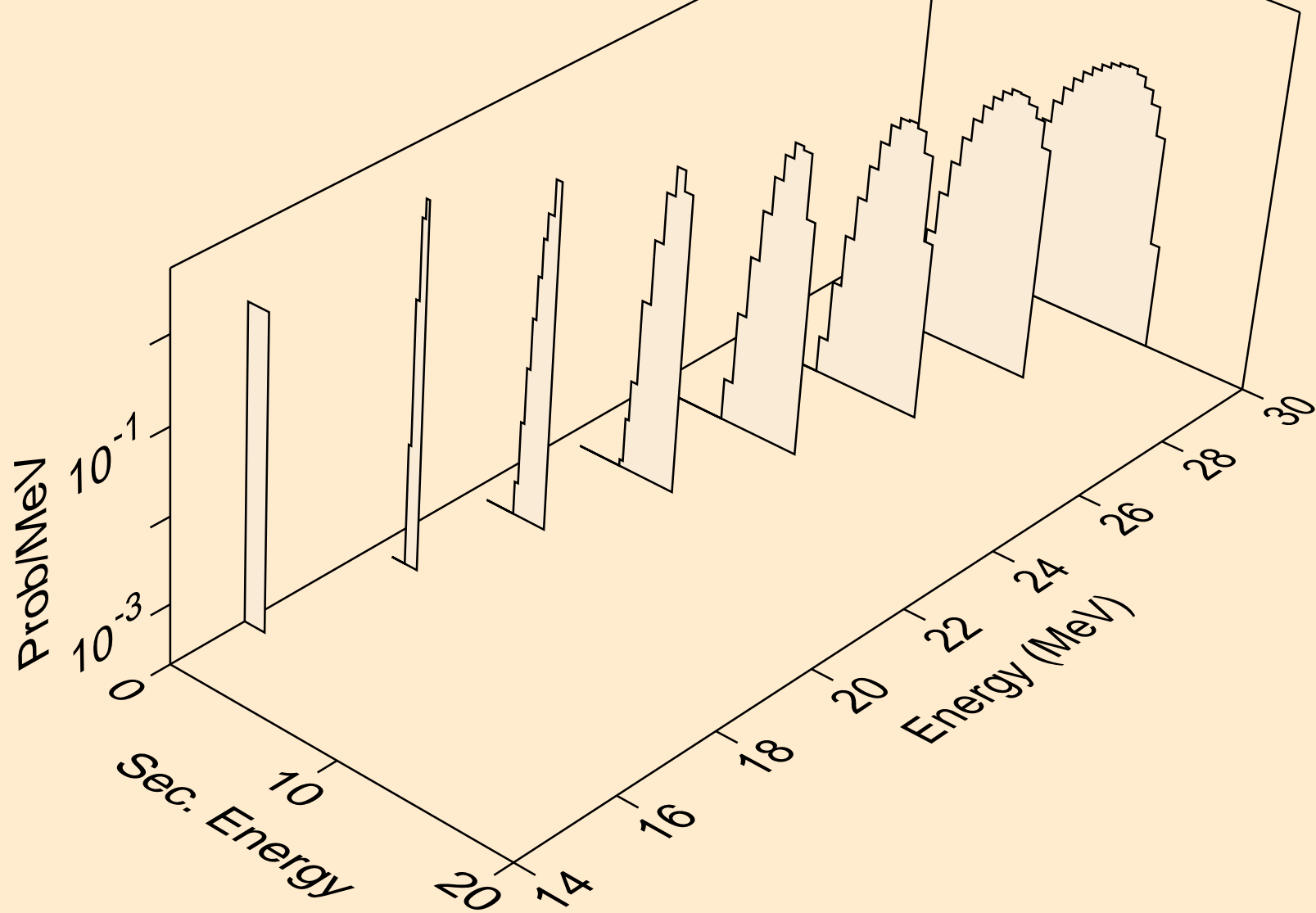
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



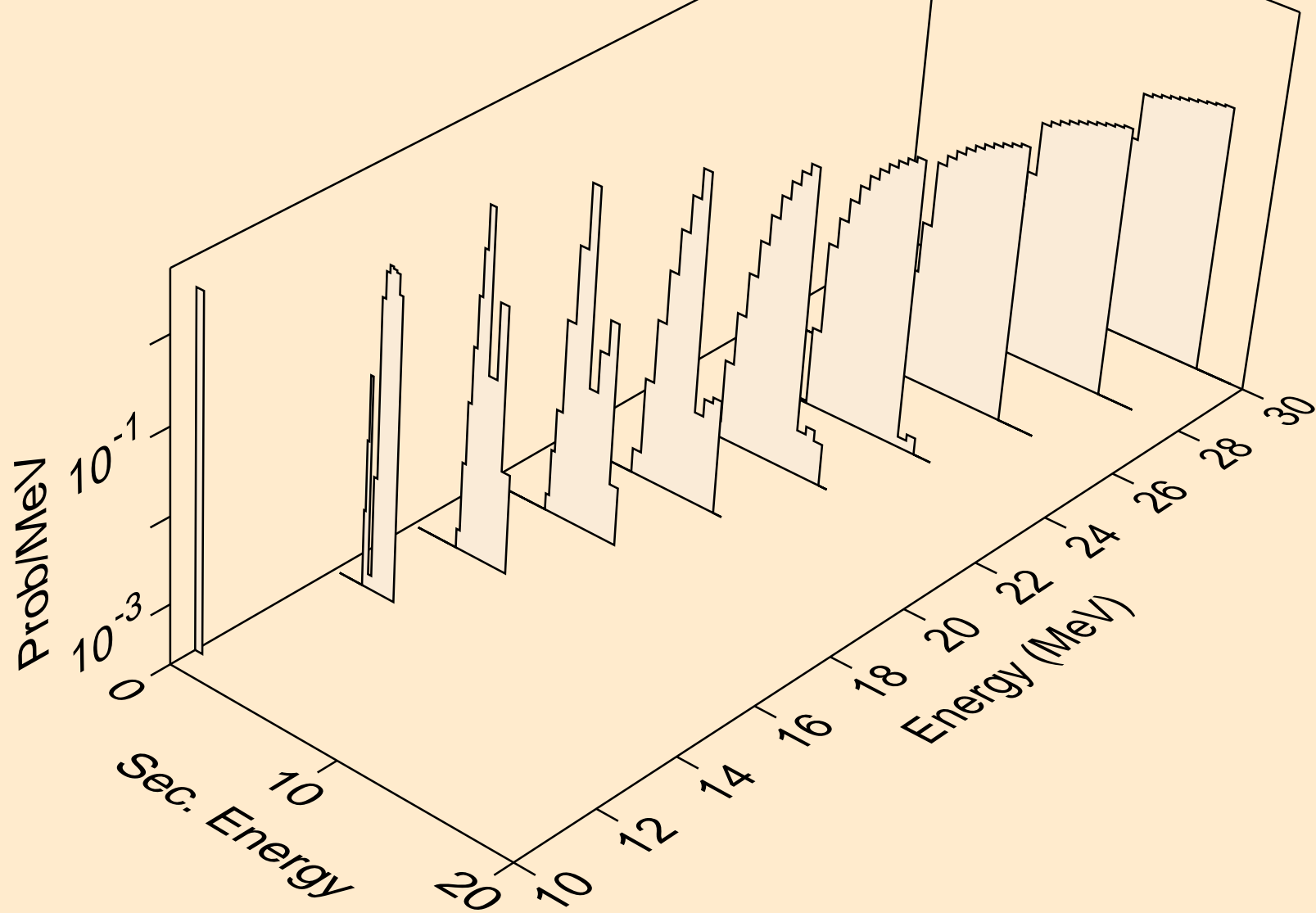
LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t

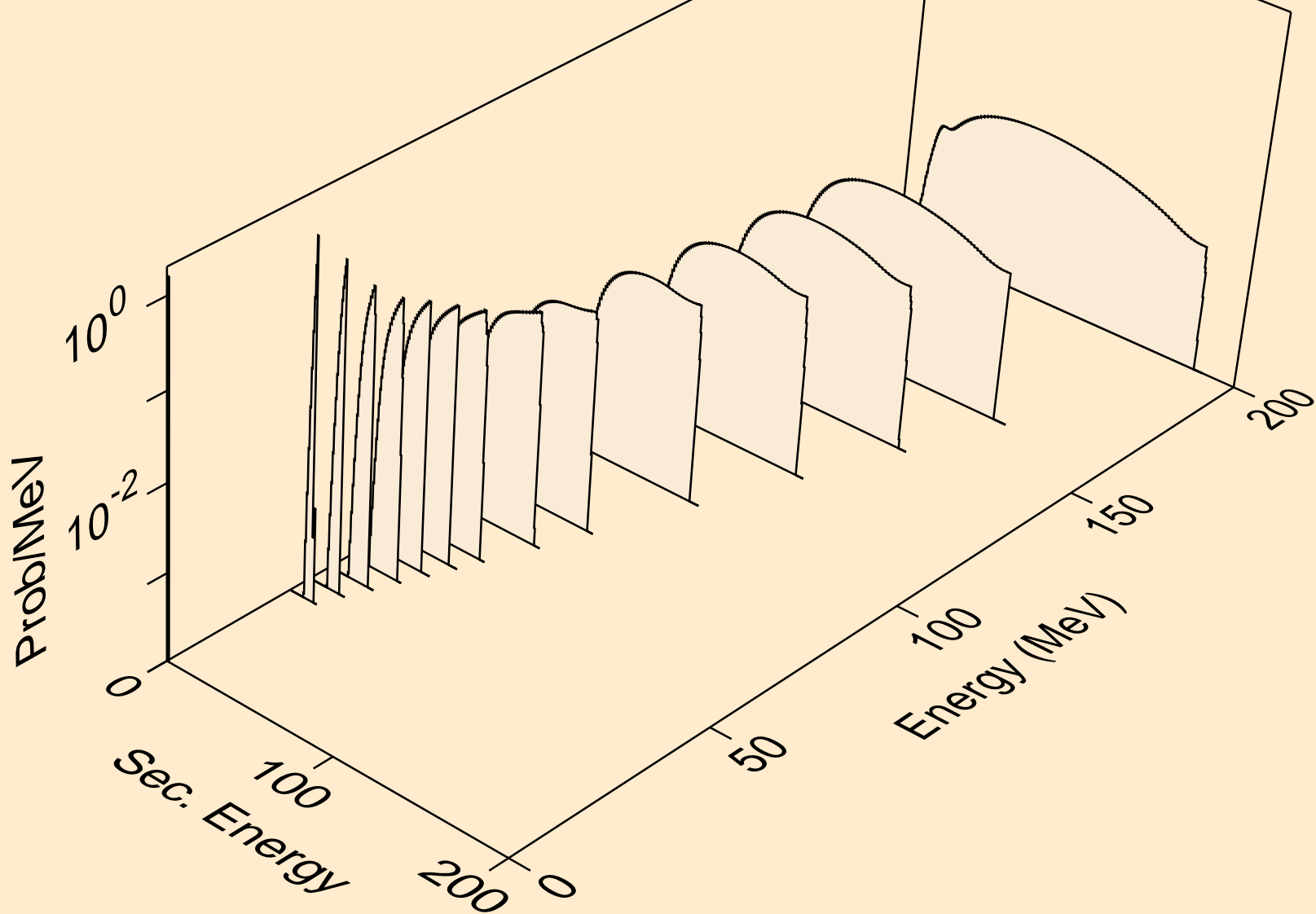


LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)





LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



LA144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

