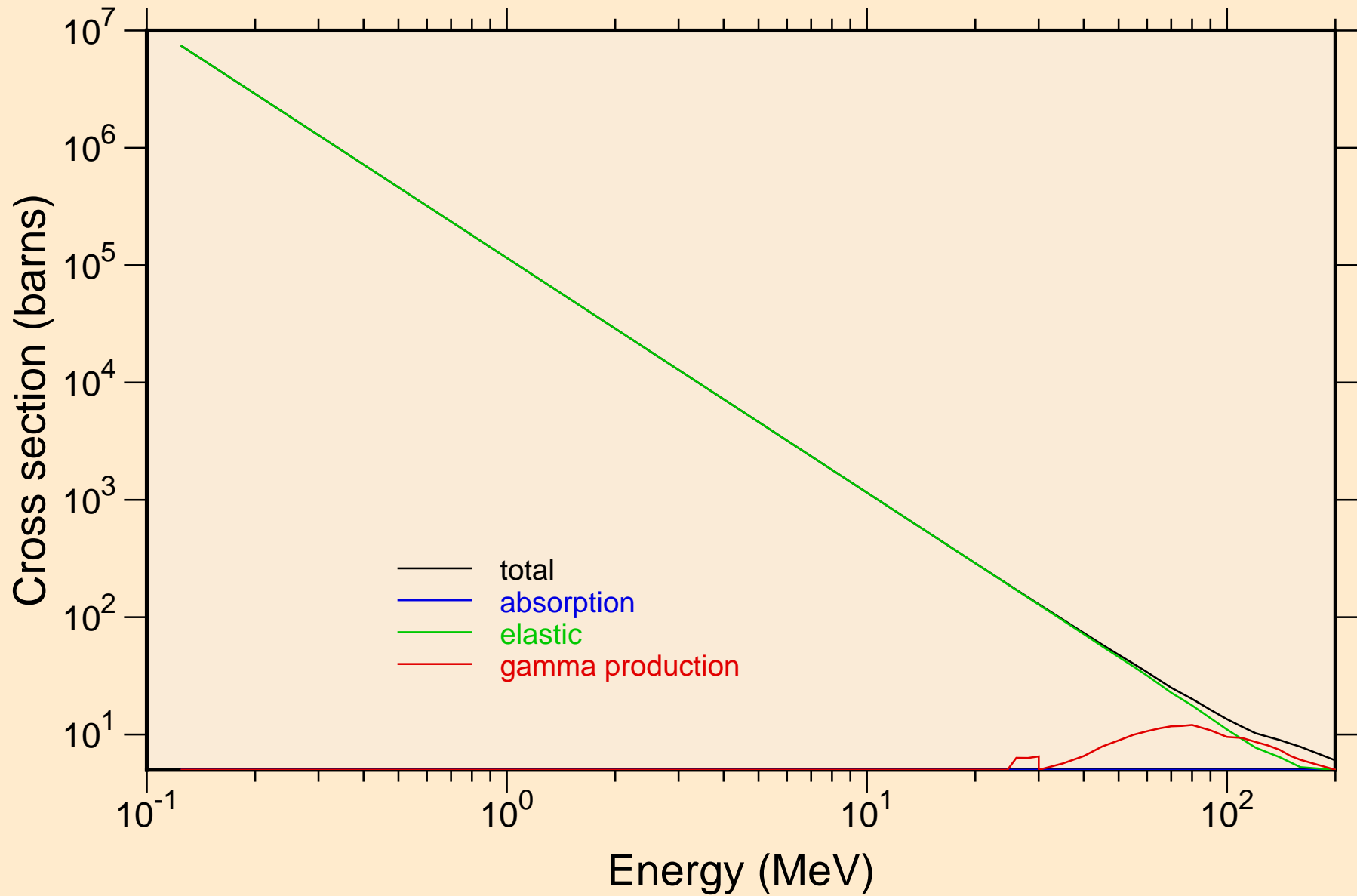


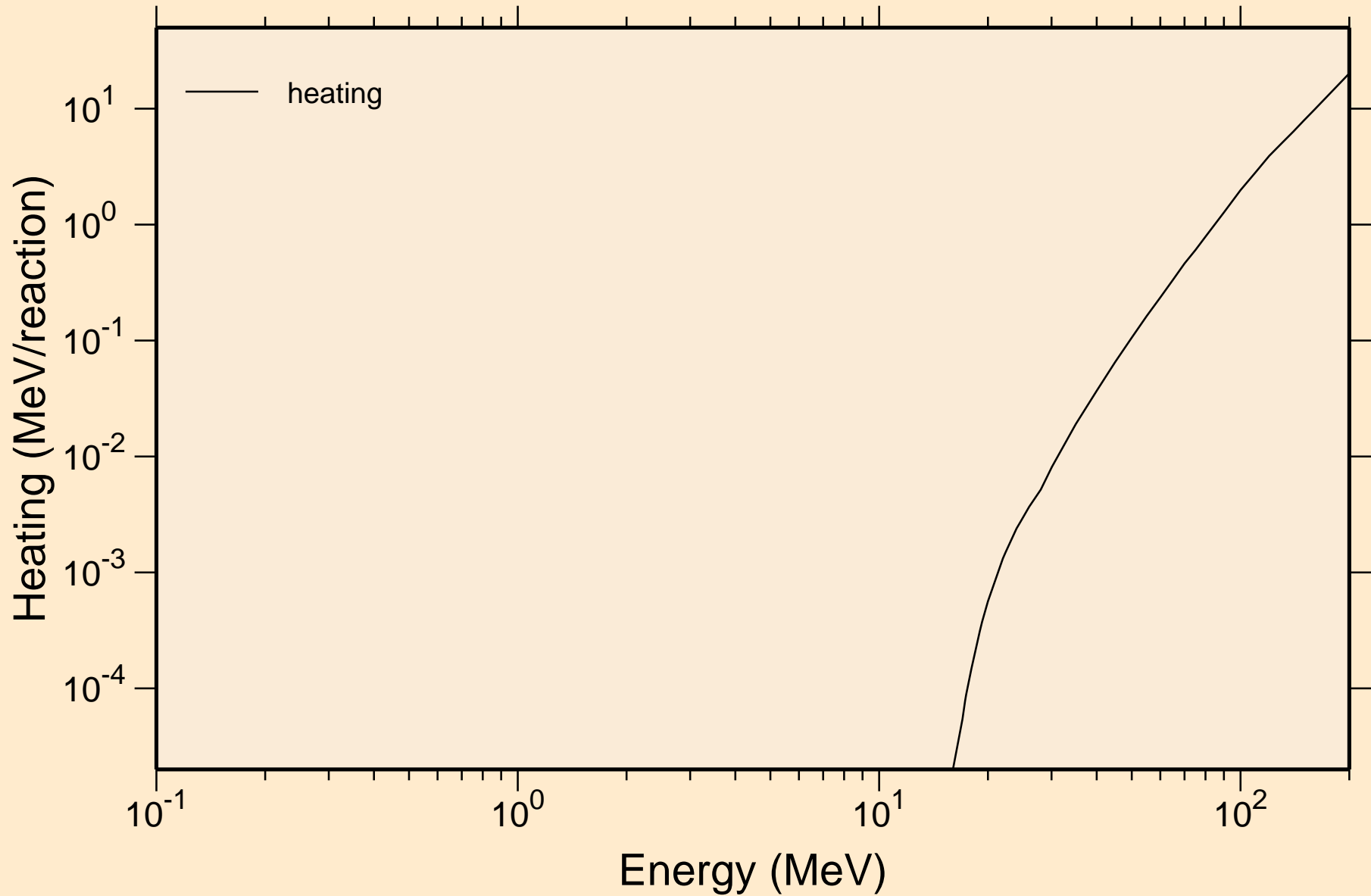
# HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



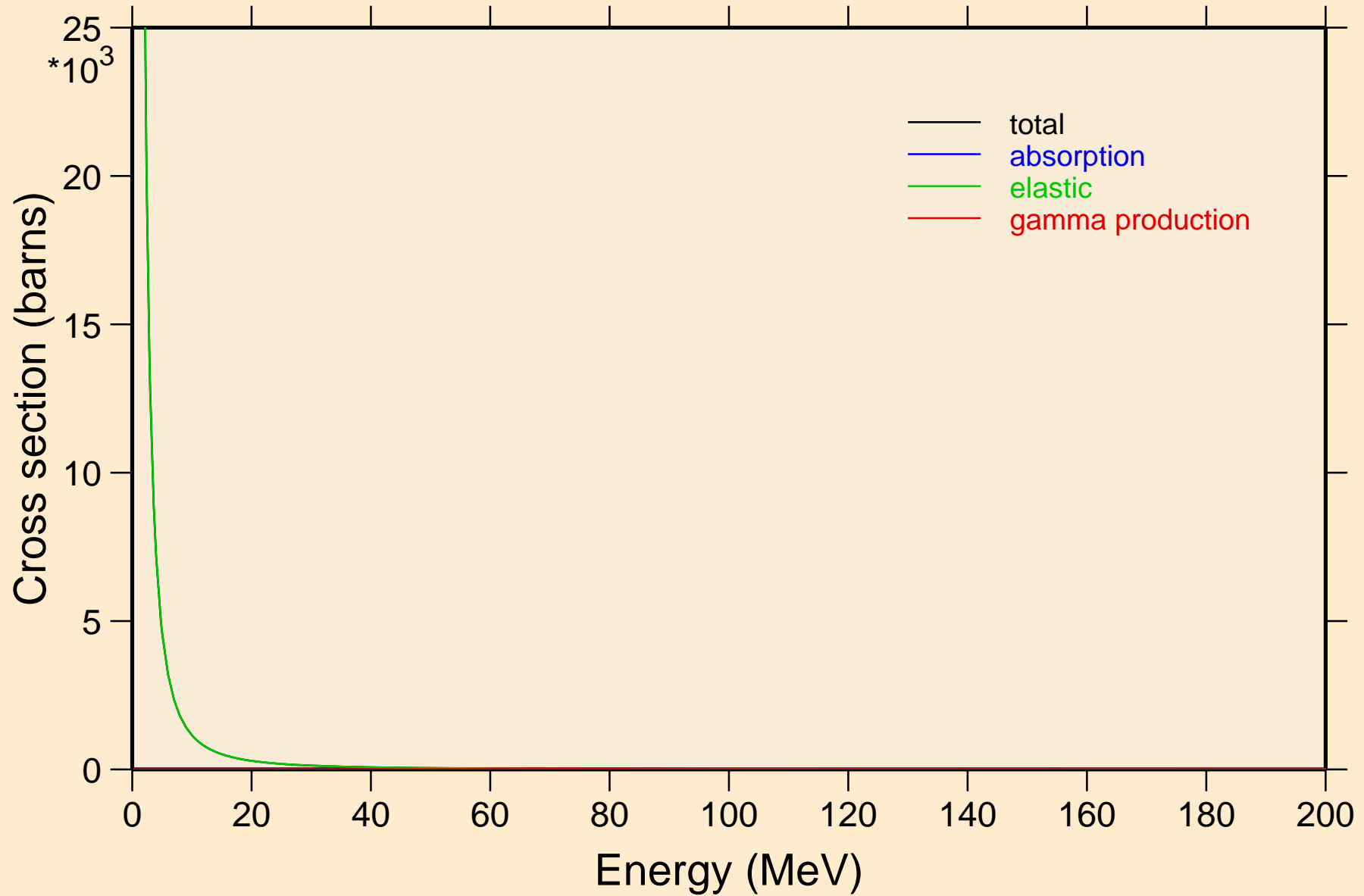
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



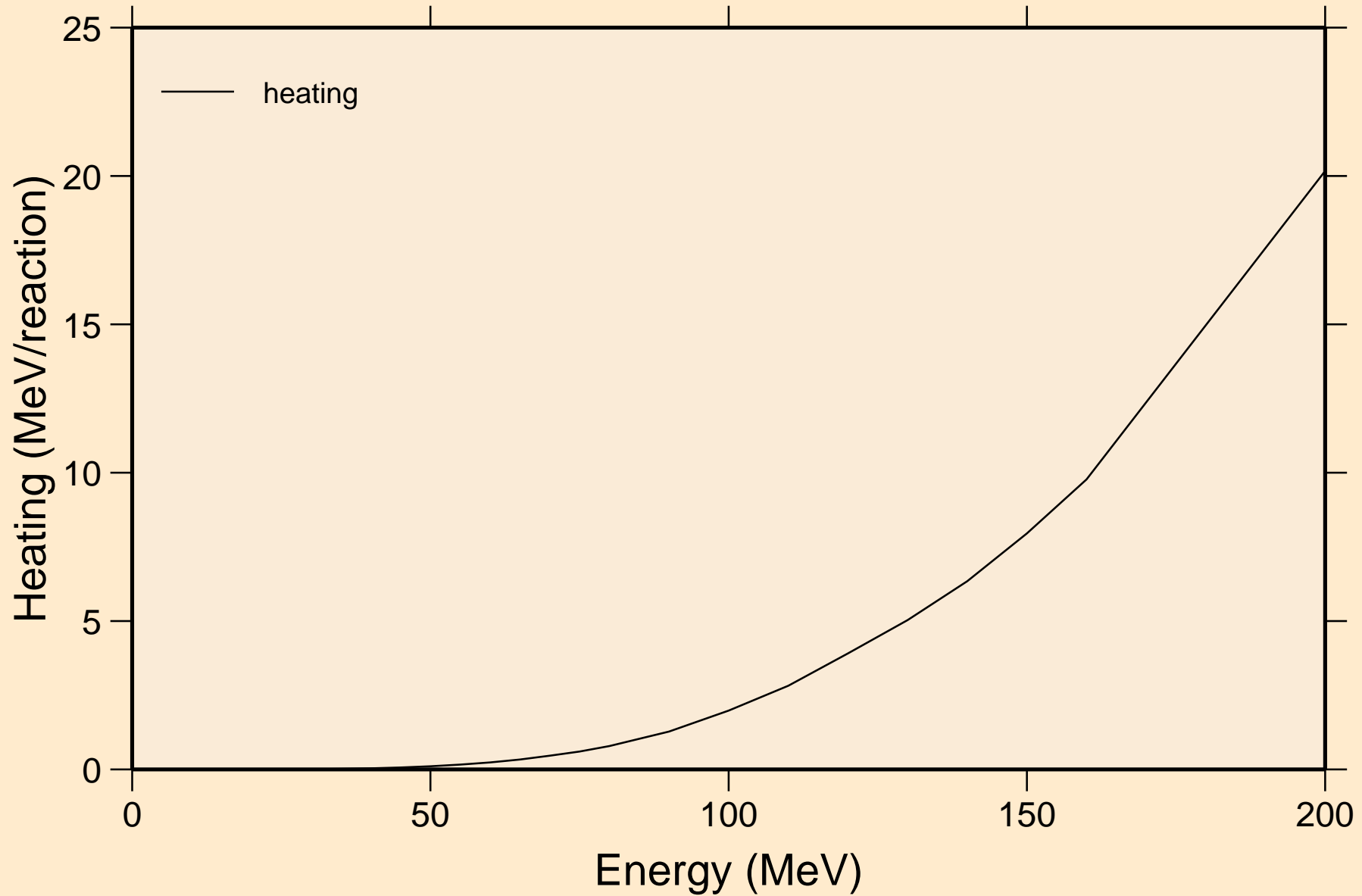
# HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



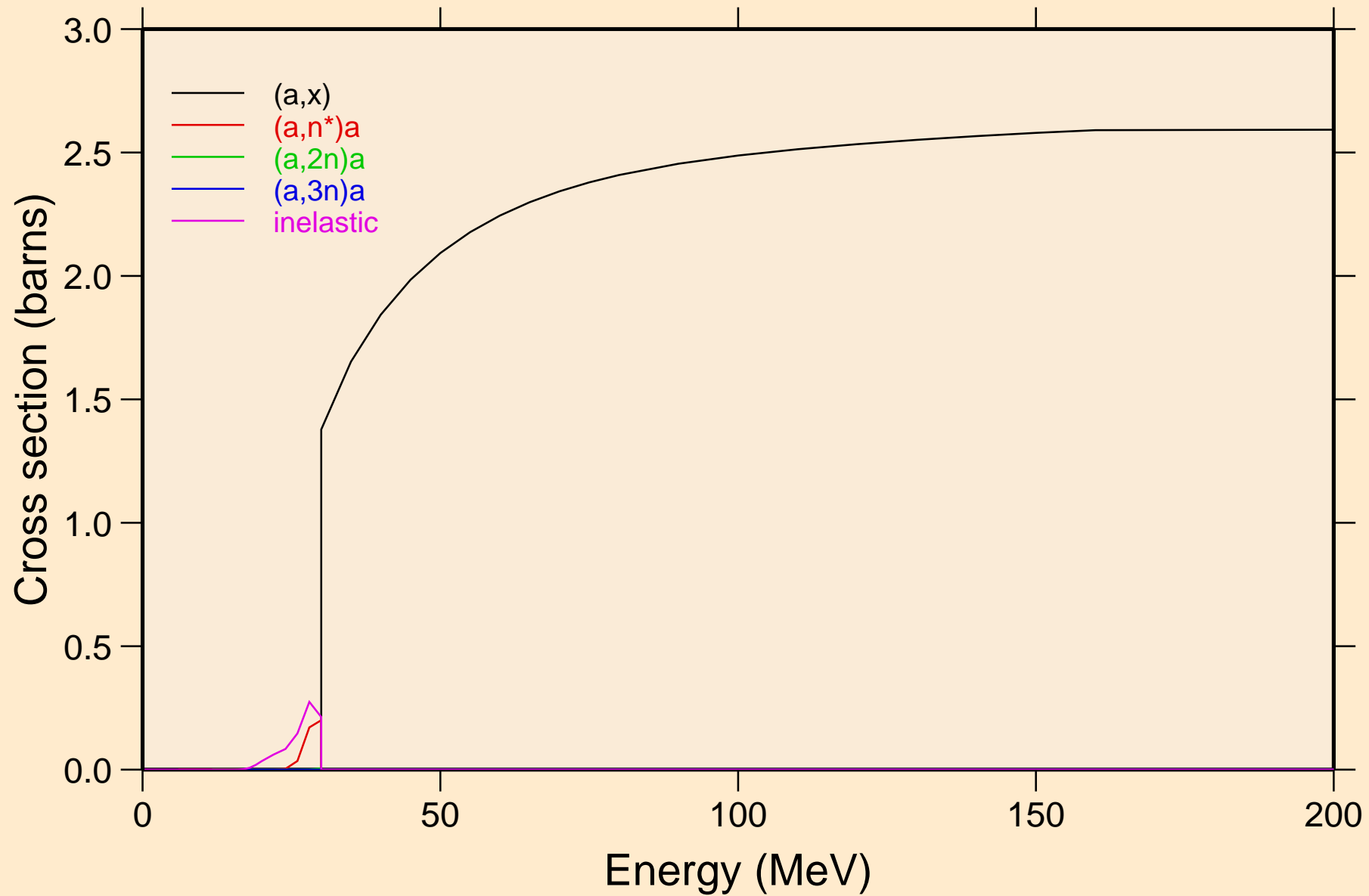
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

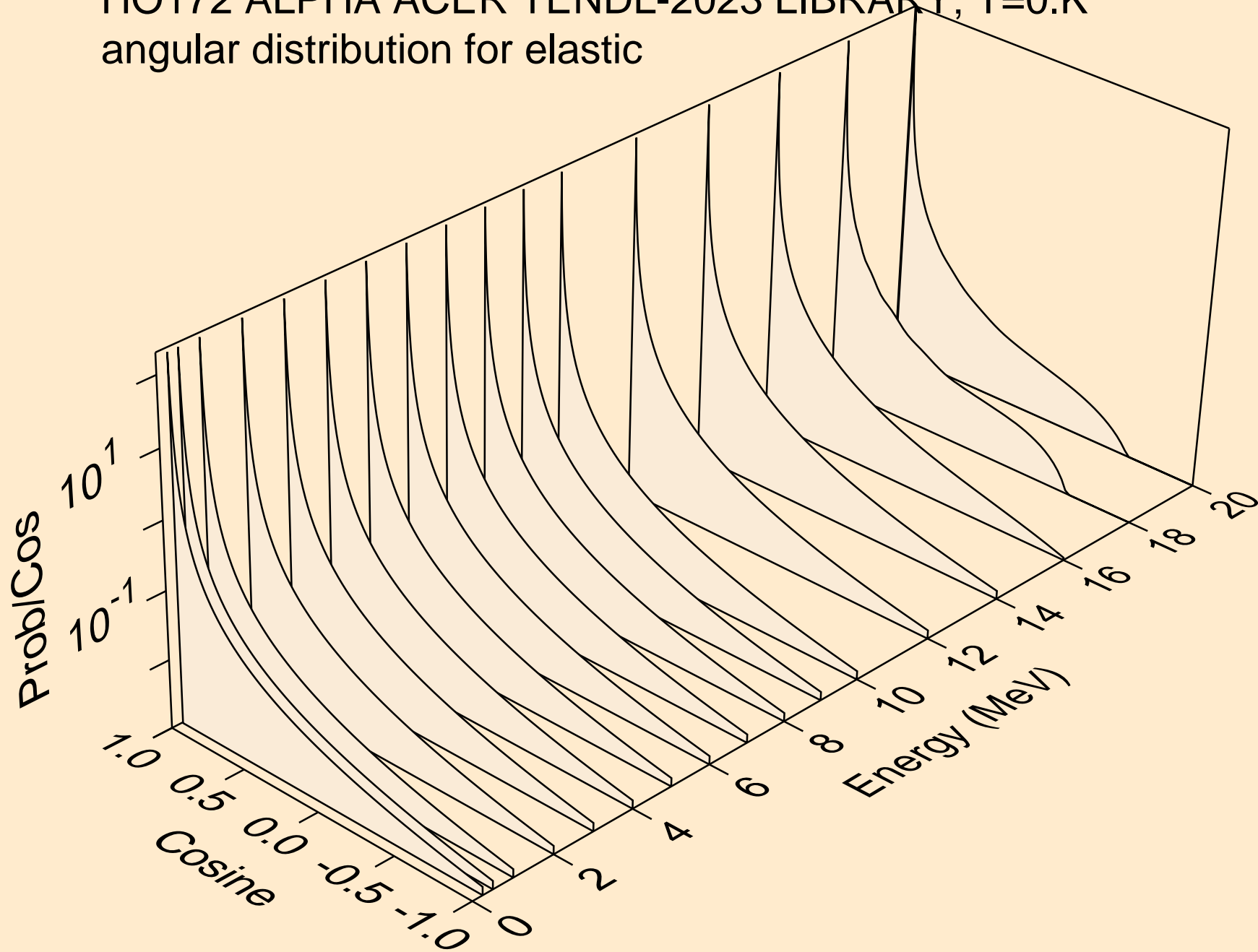


# HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

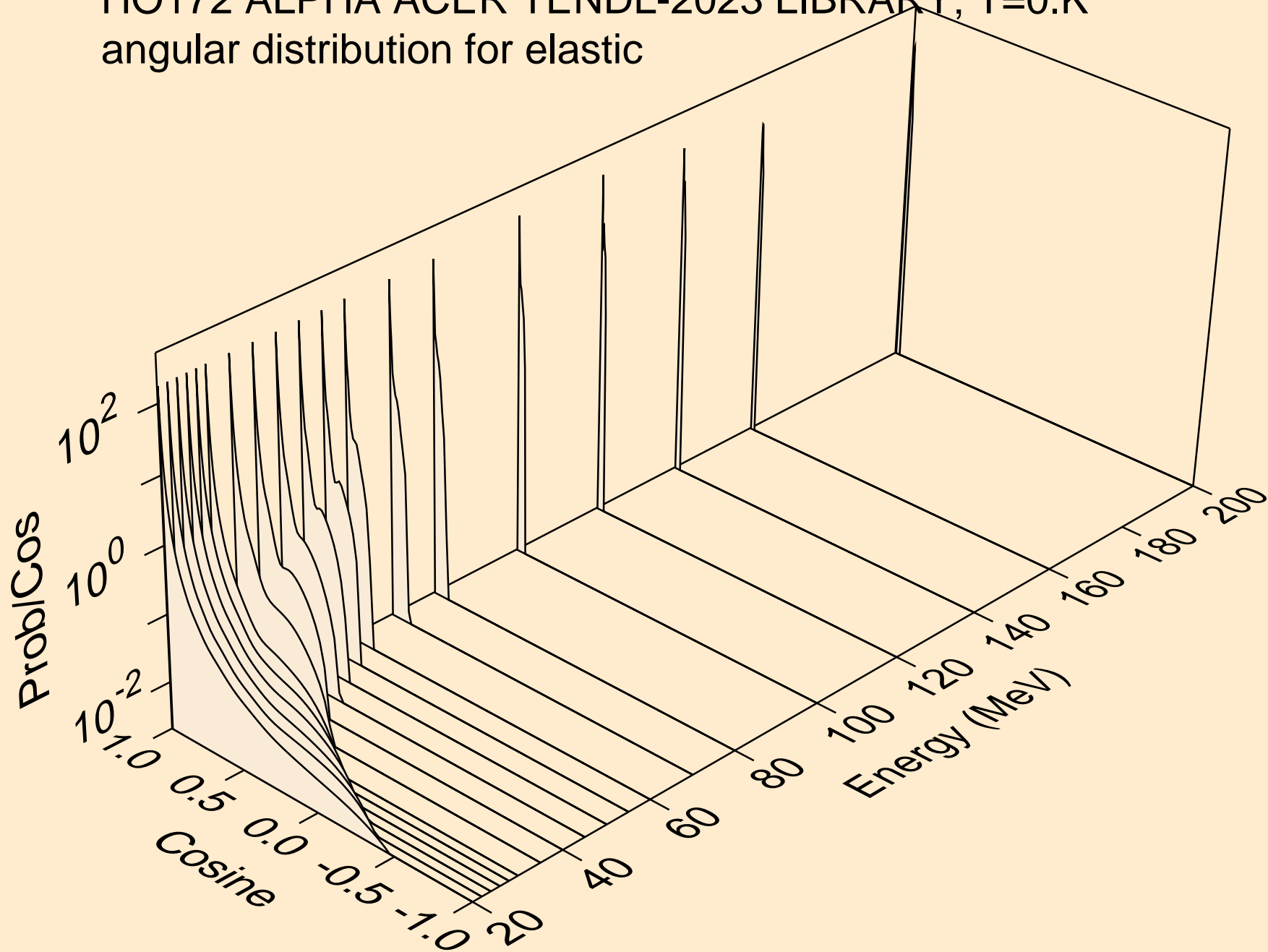
## Threshold reactions



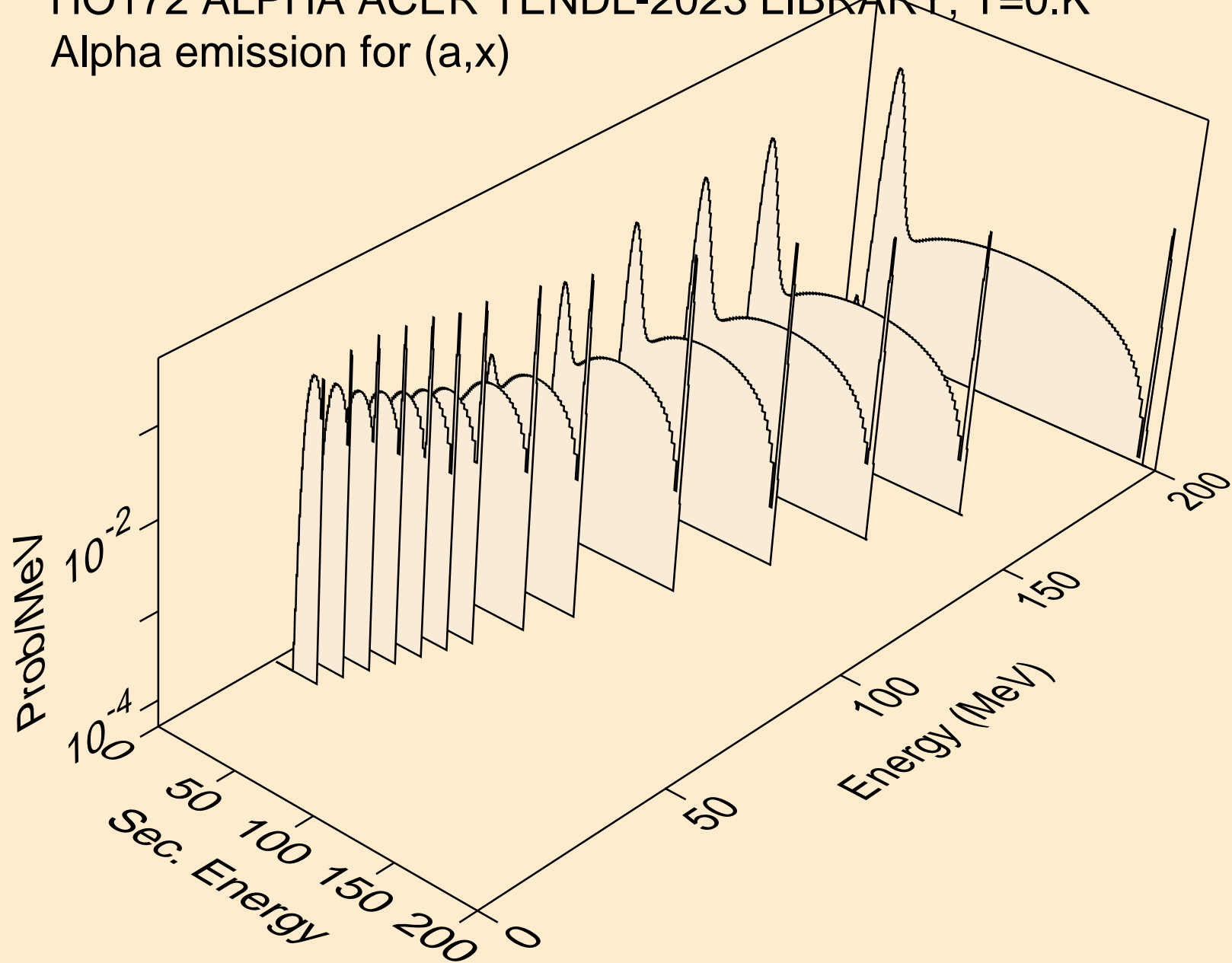
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

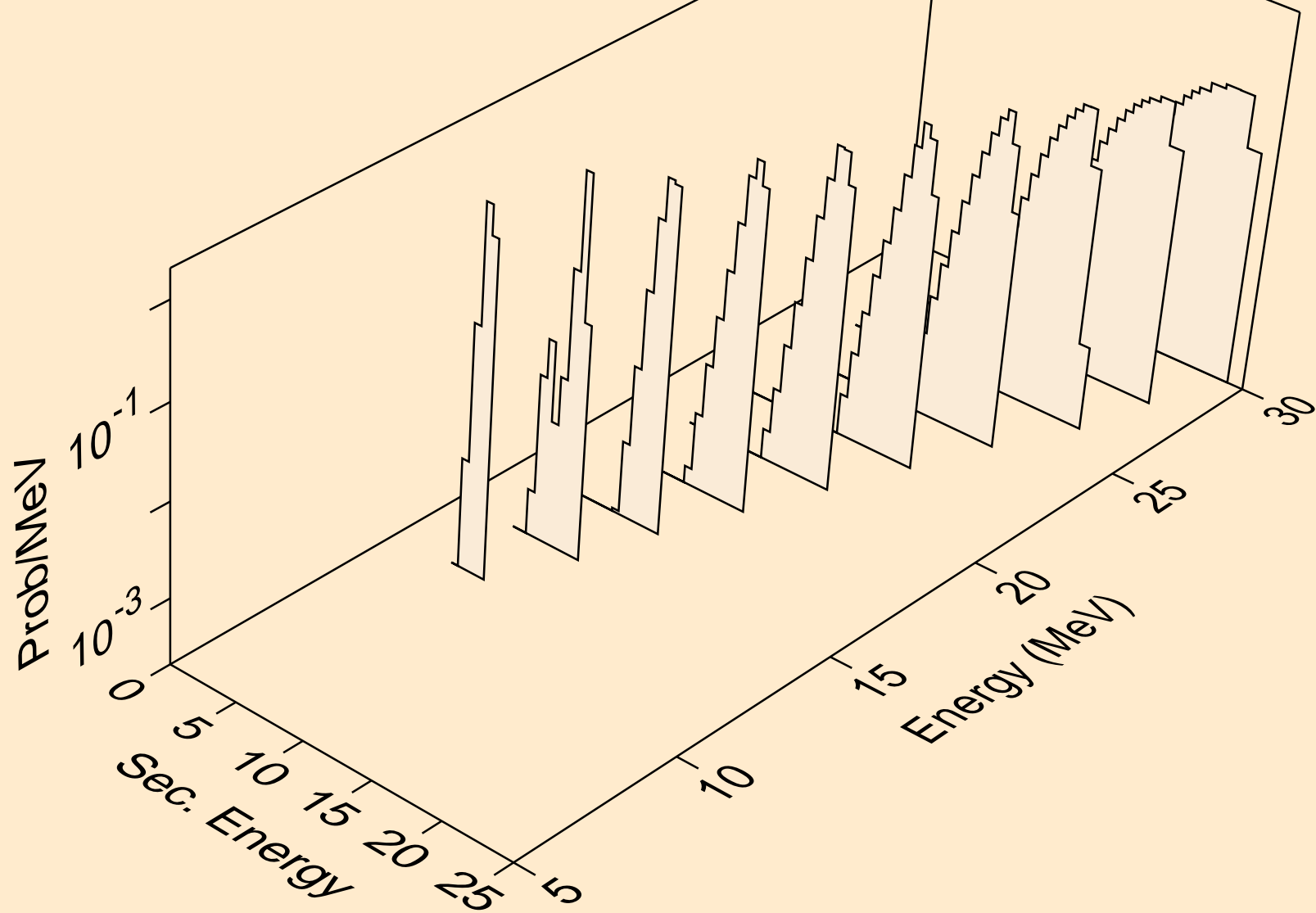


HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)

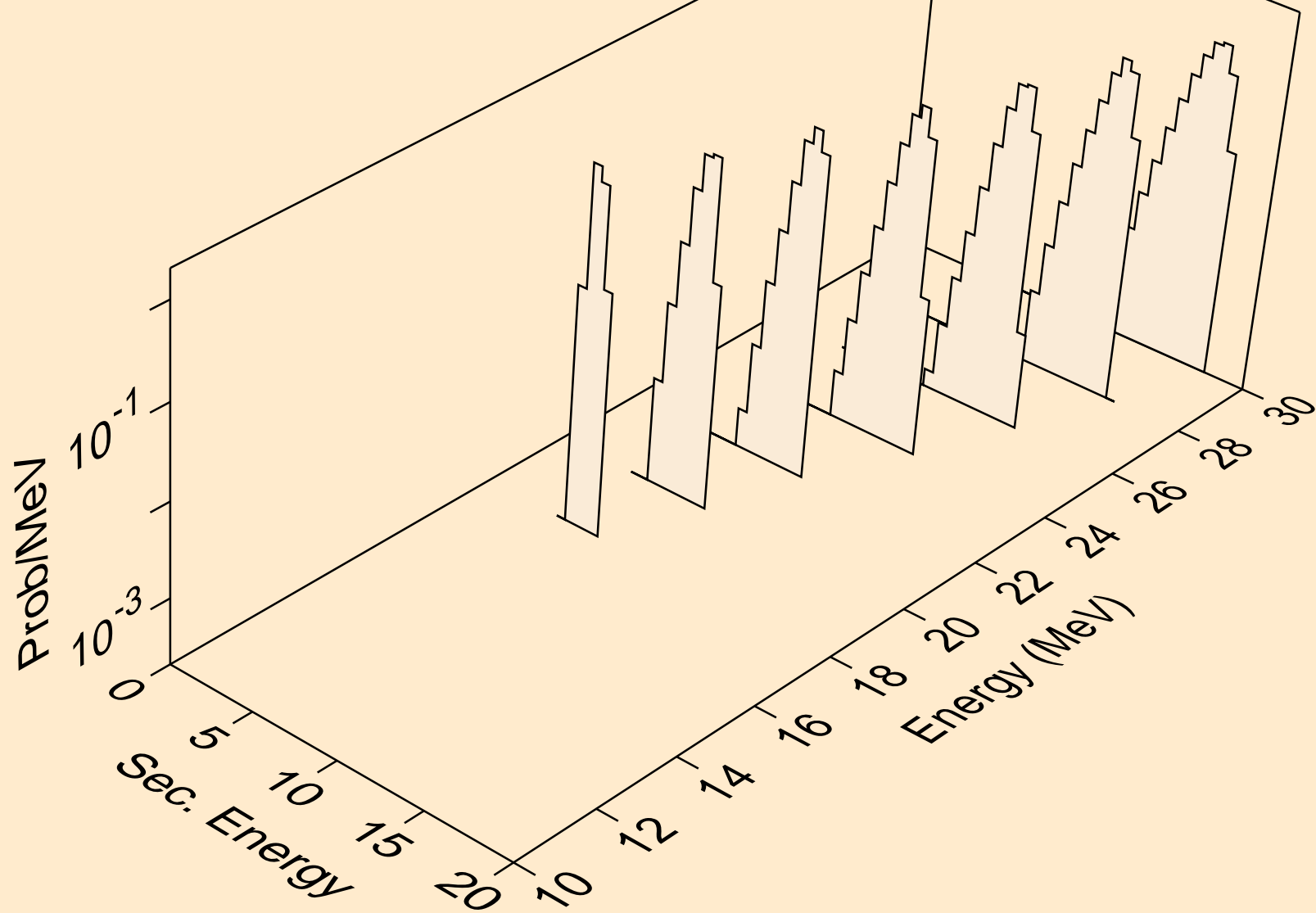




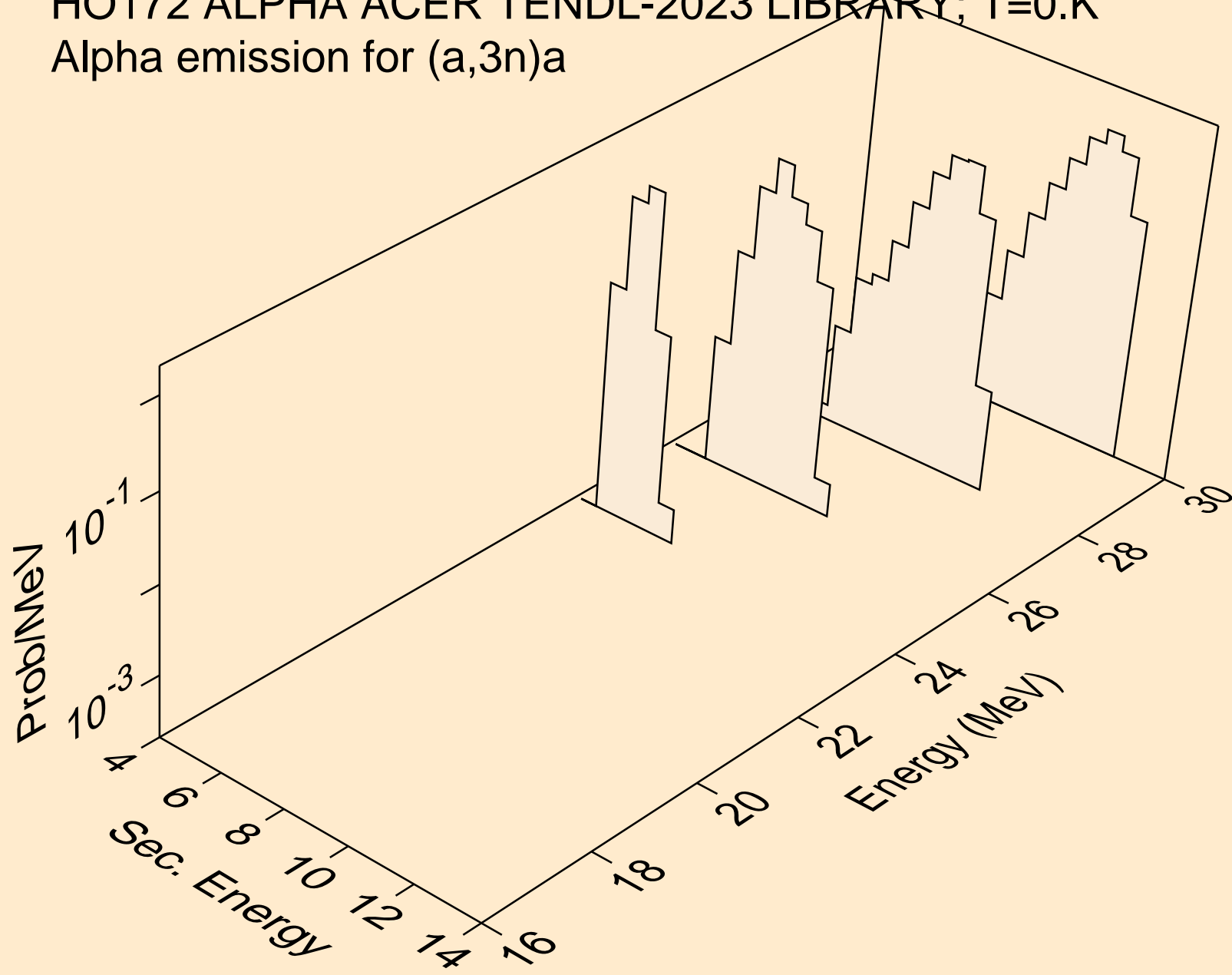
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



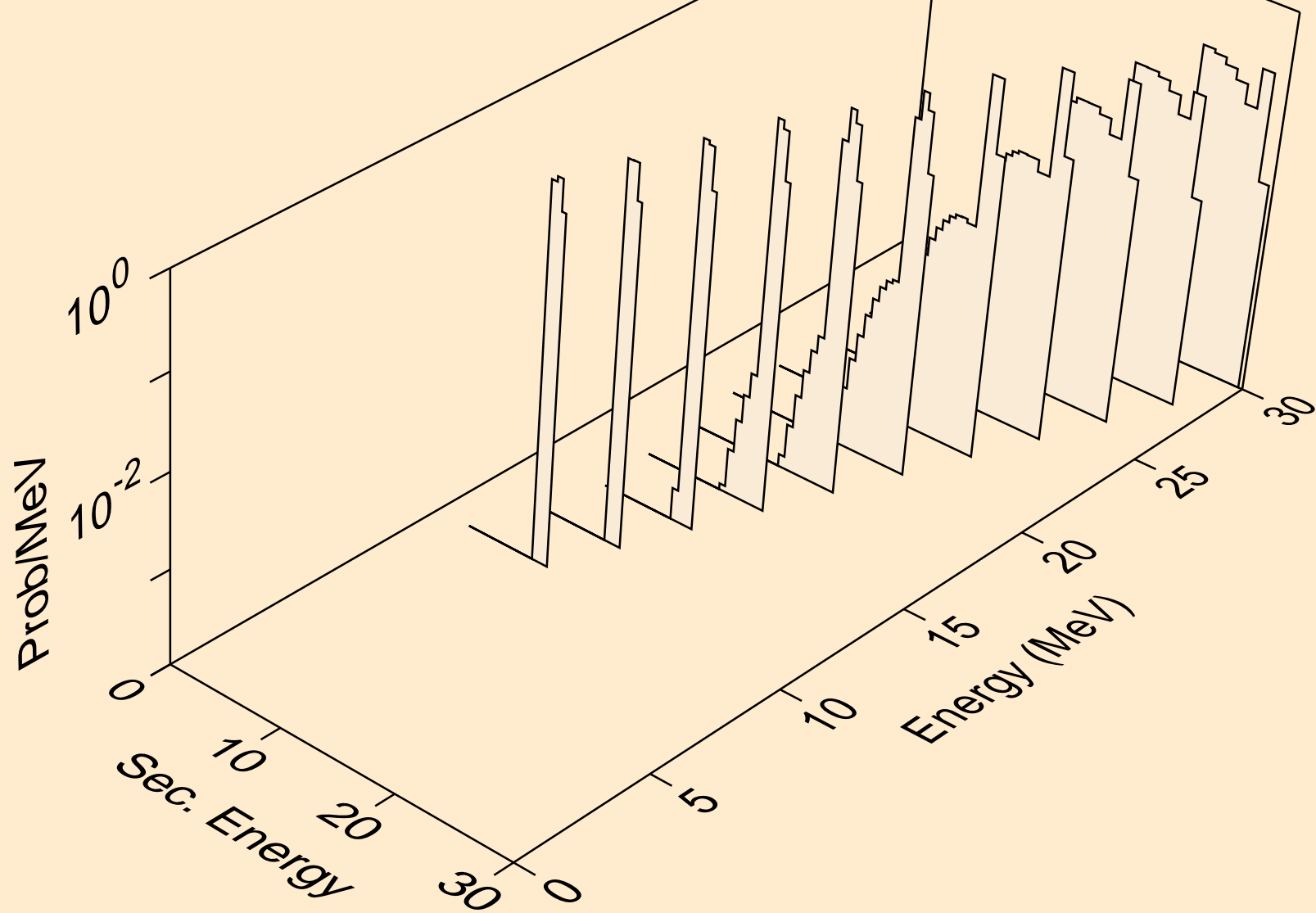
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



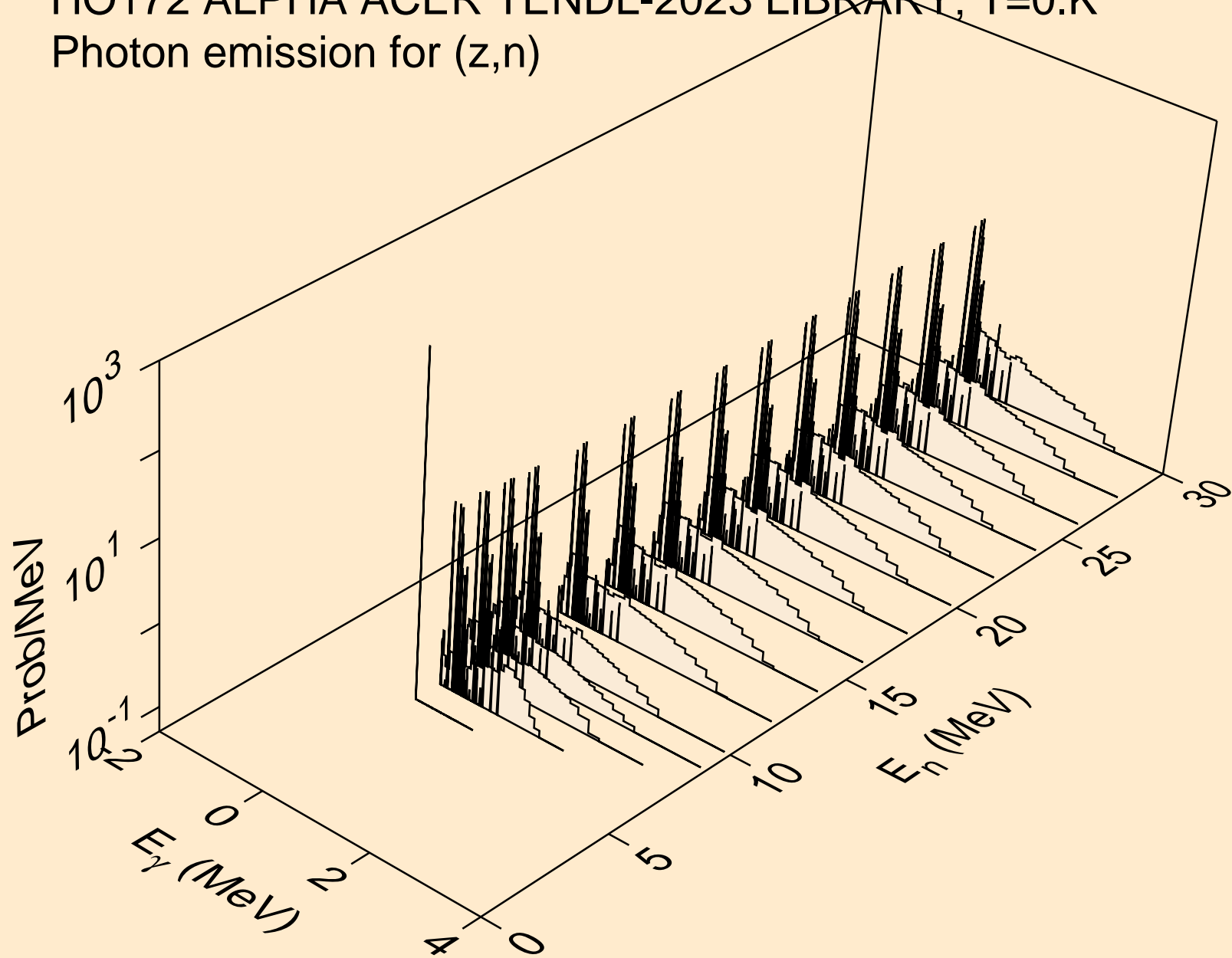
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



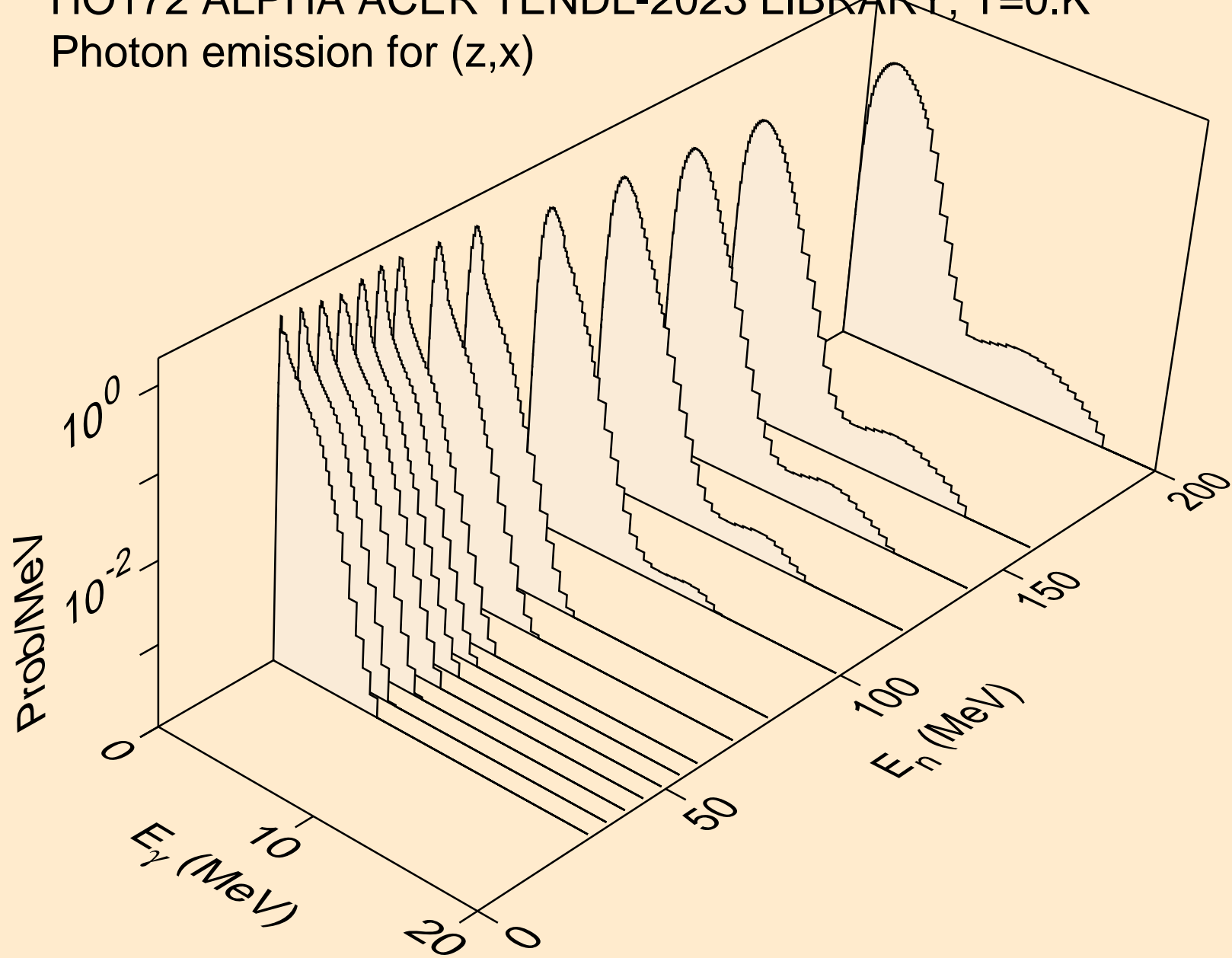
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



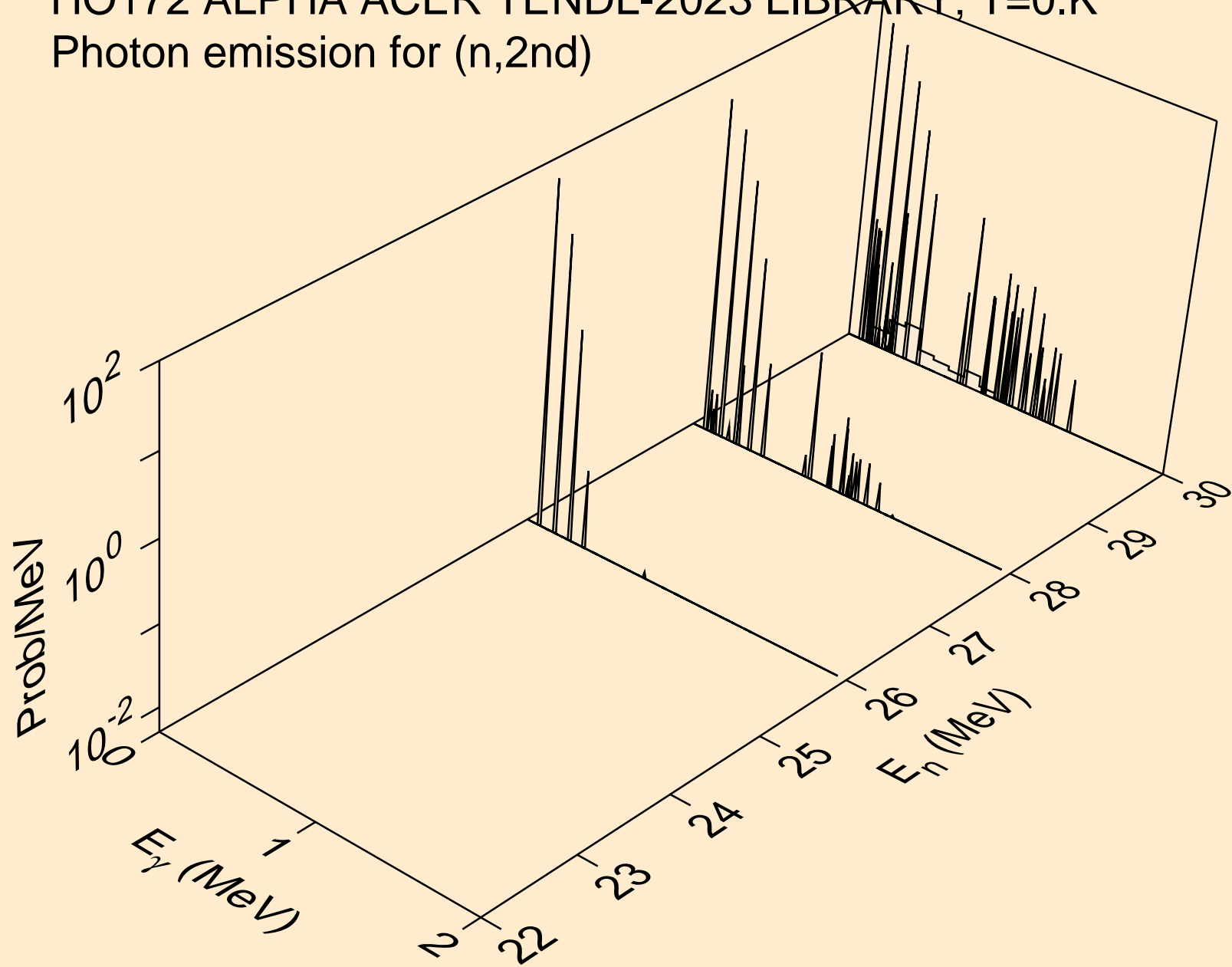
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



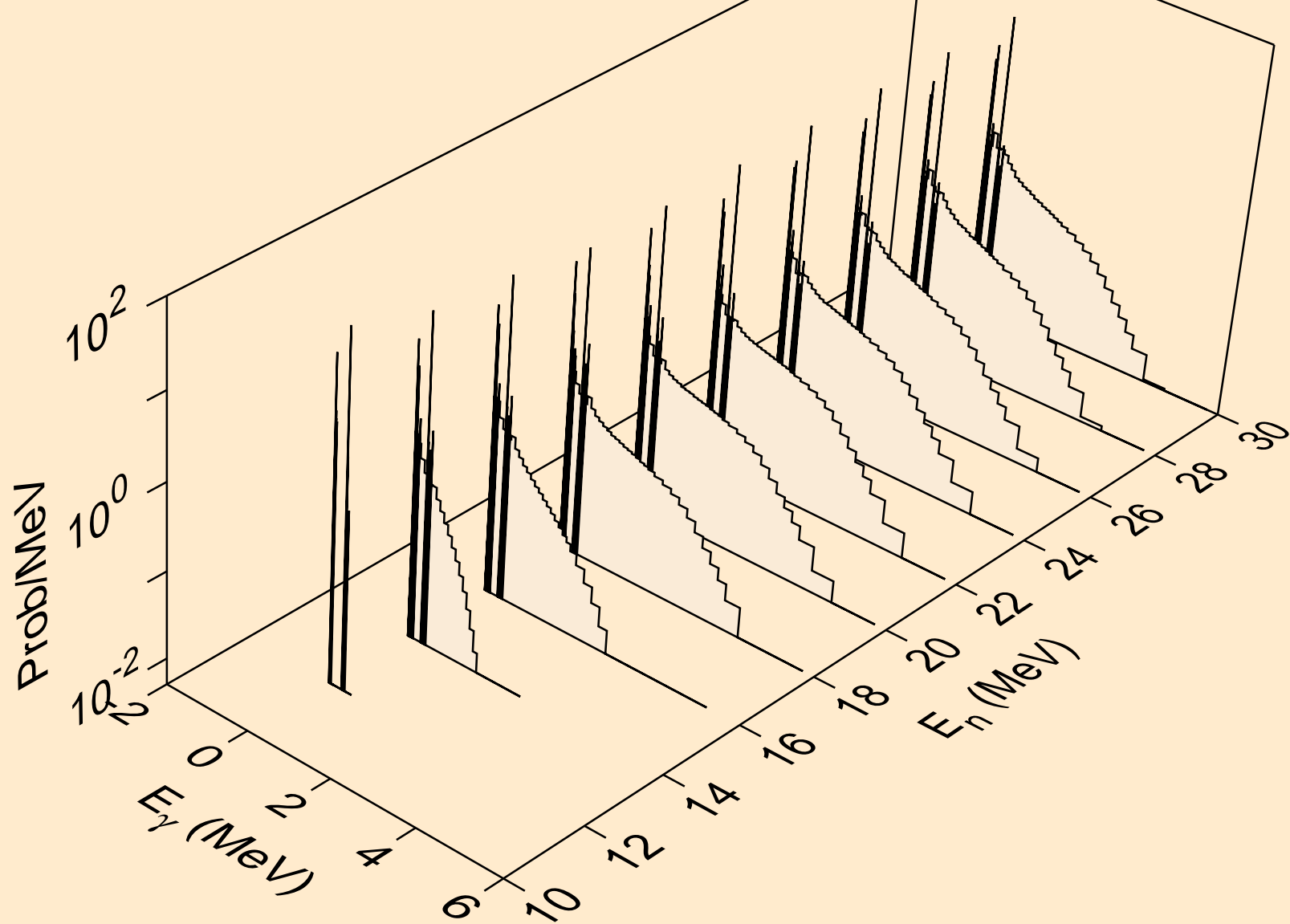
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

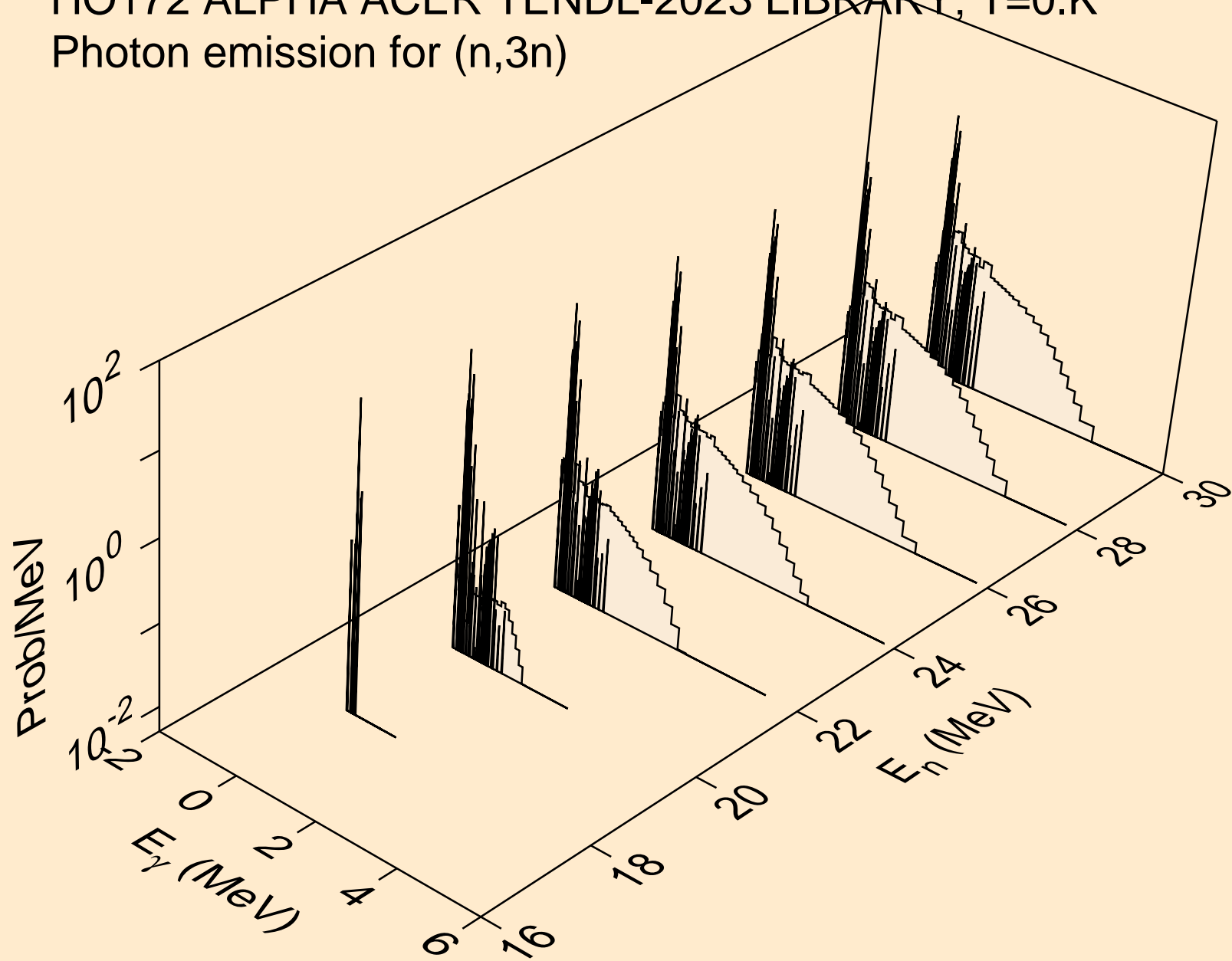


HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

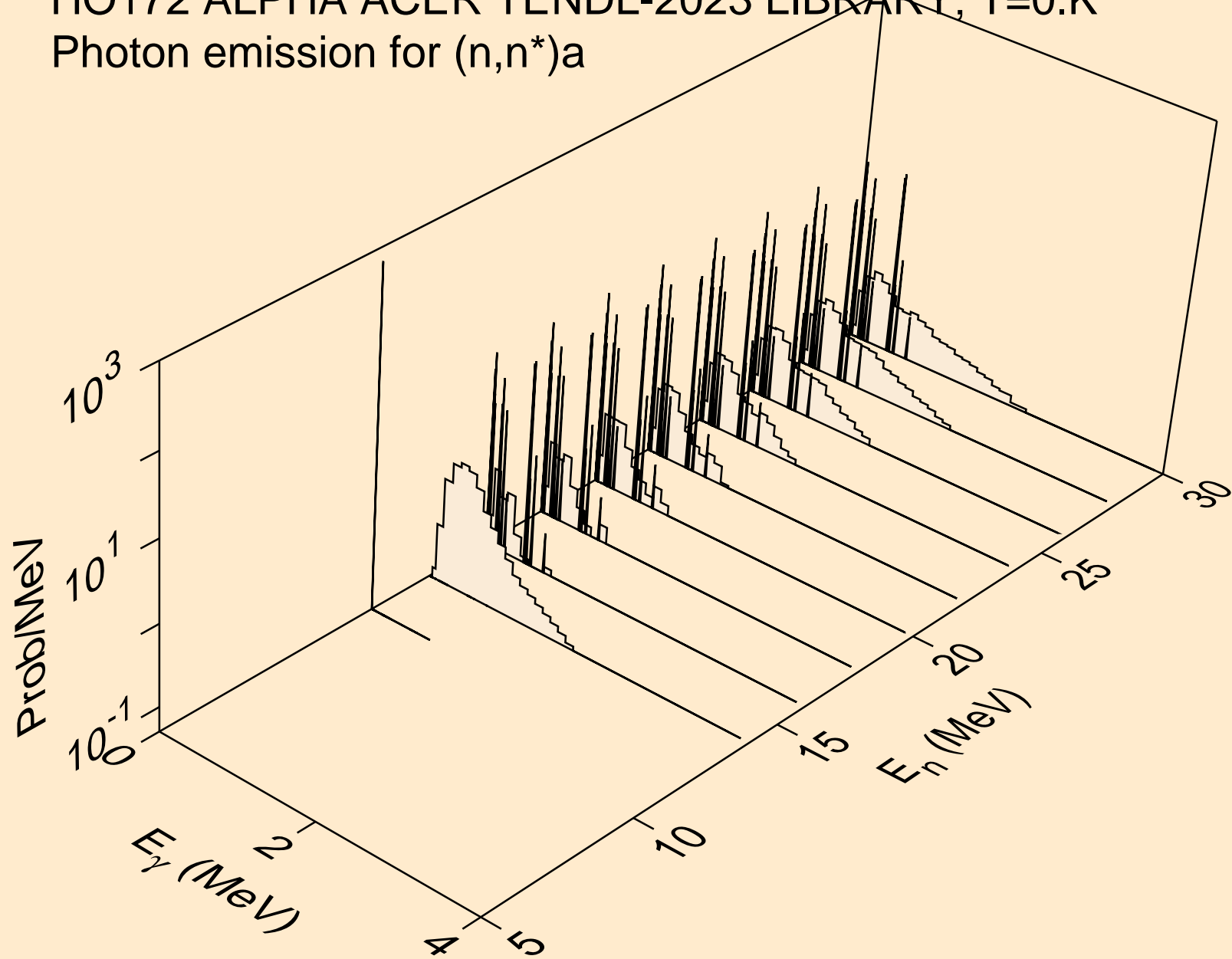




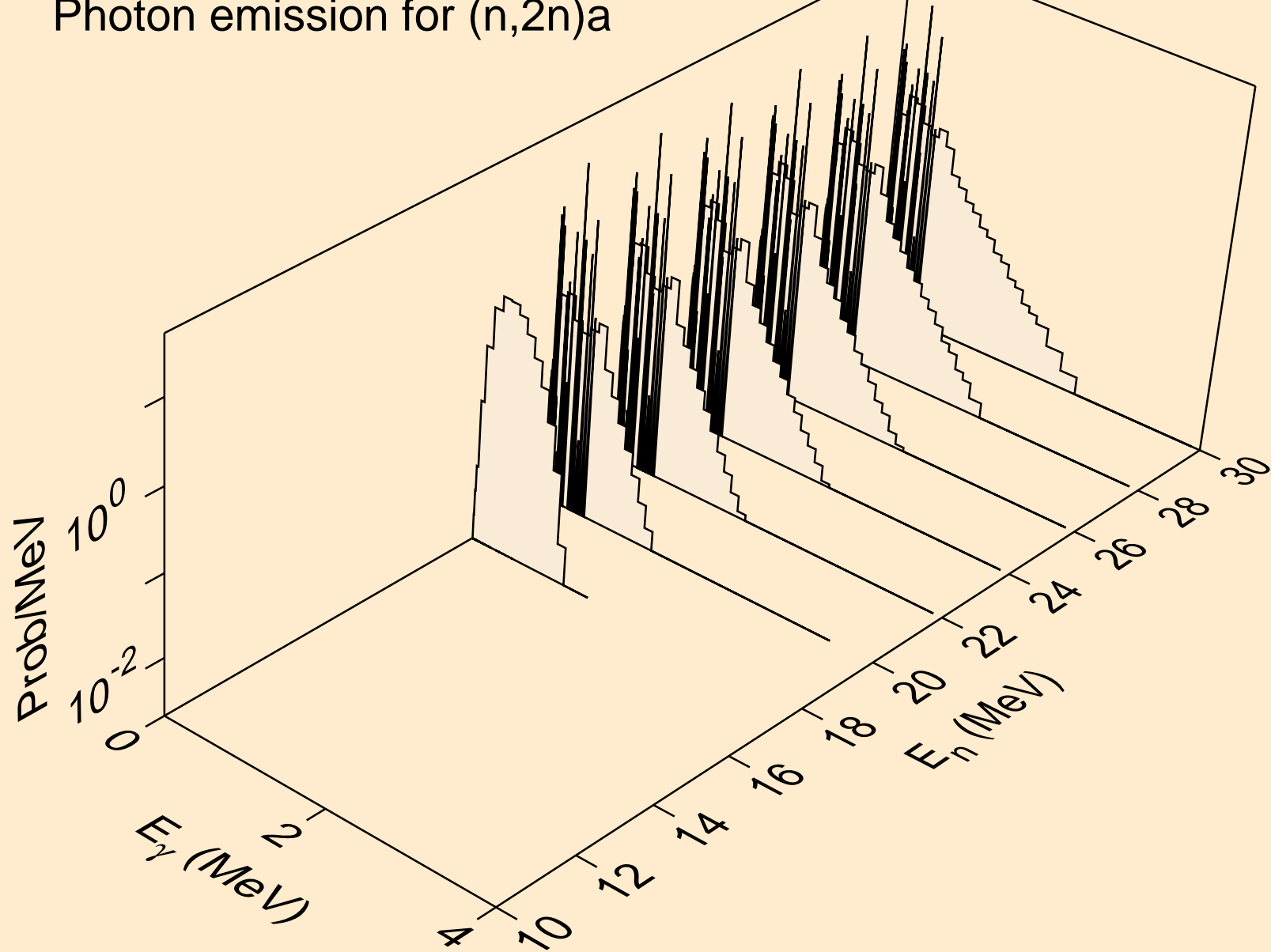
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



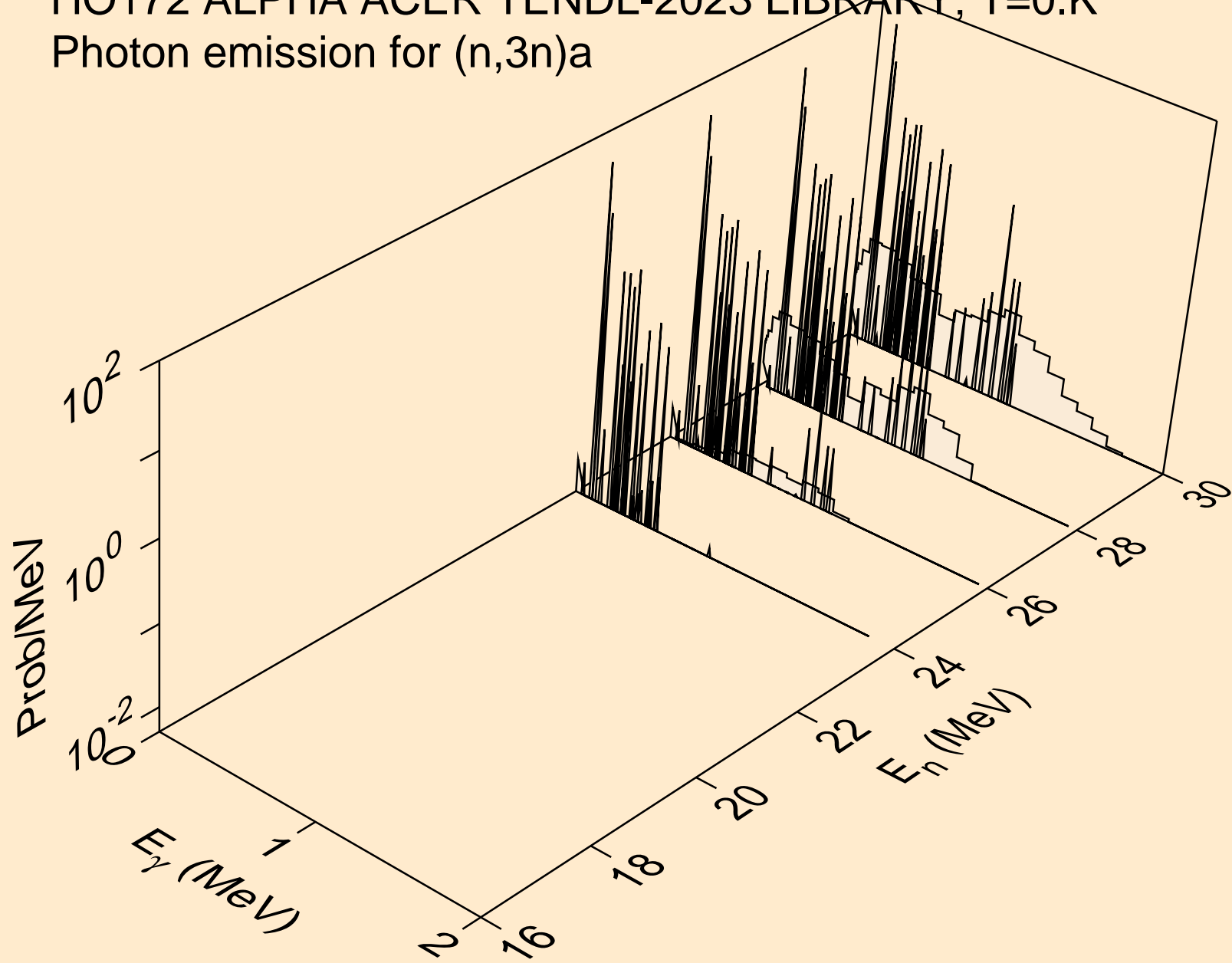
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



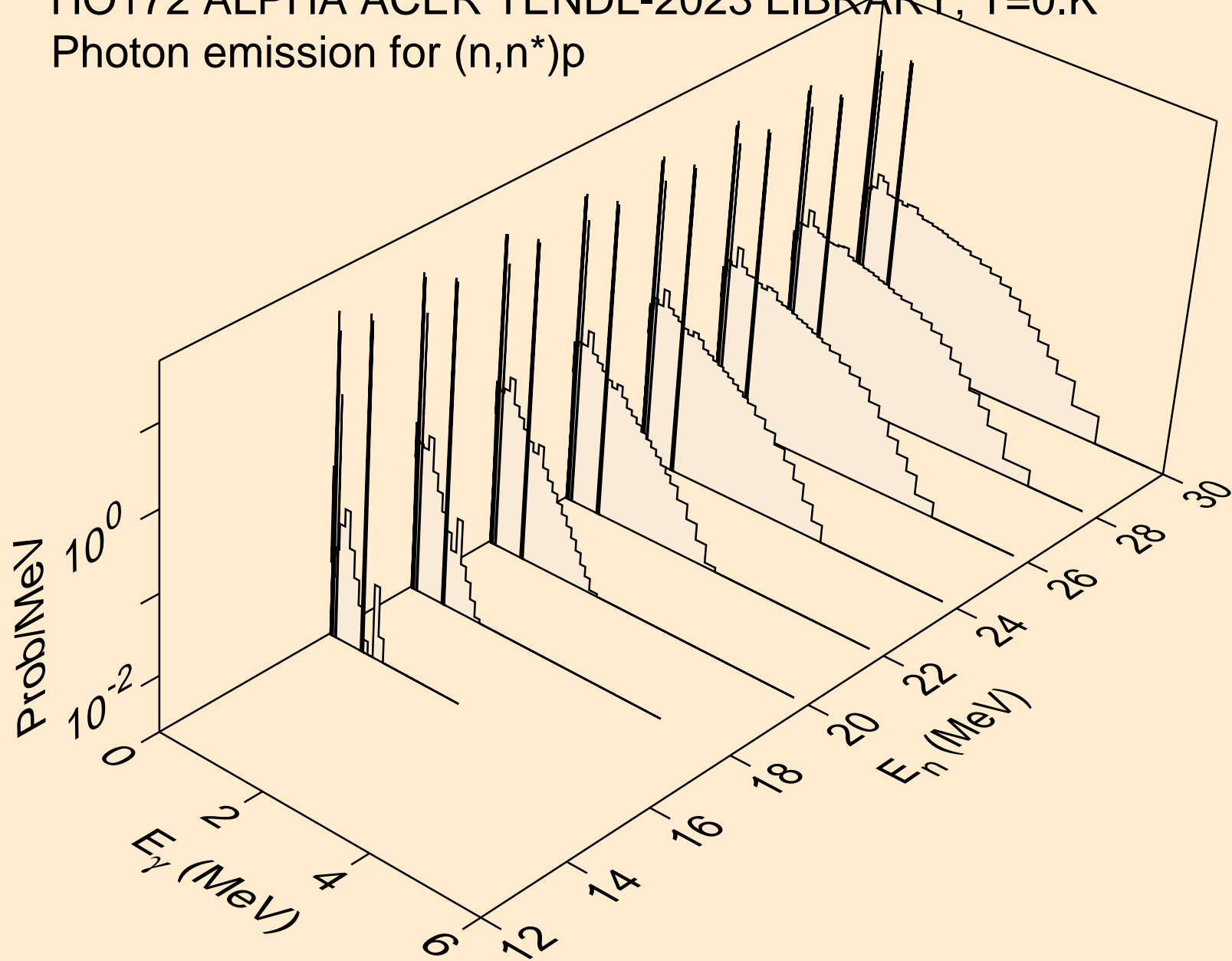
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



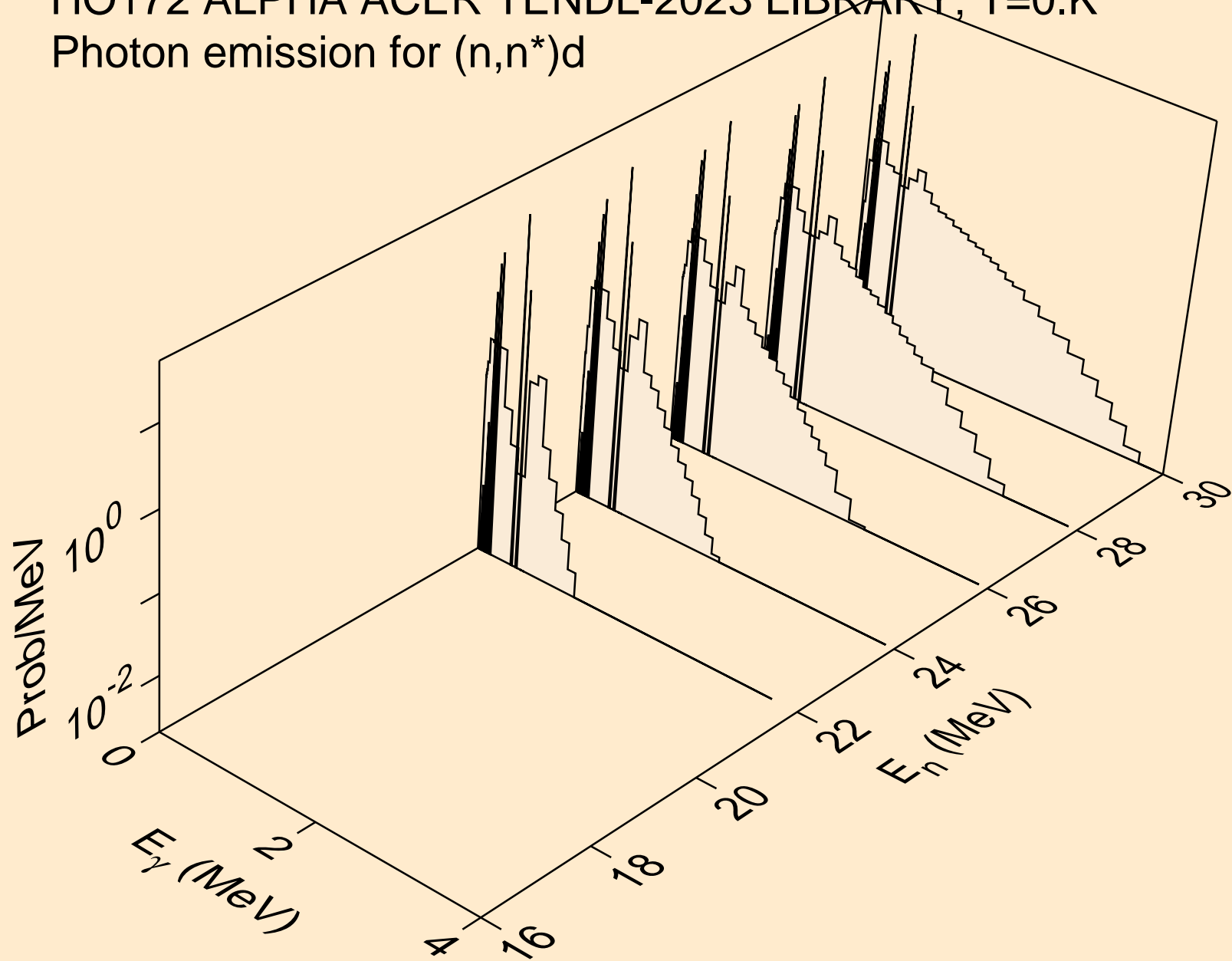
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



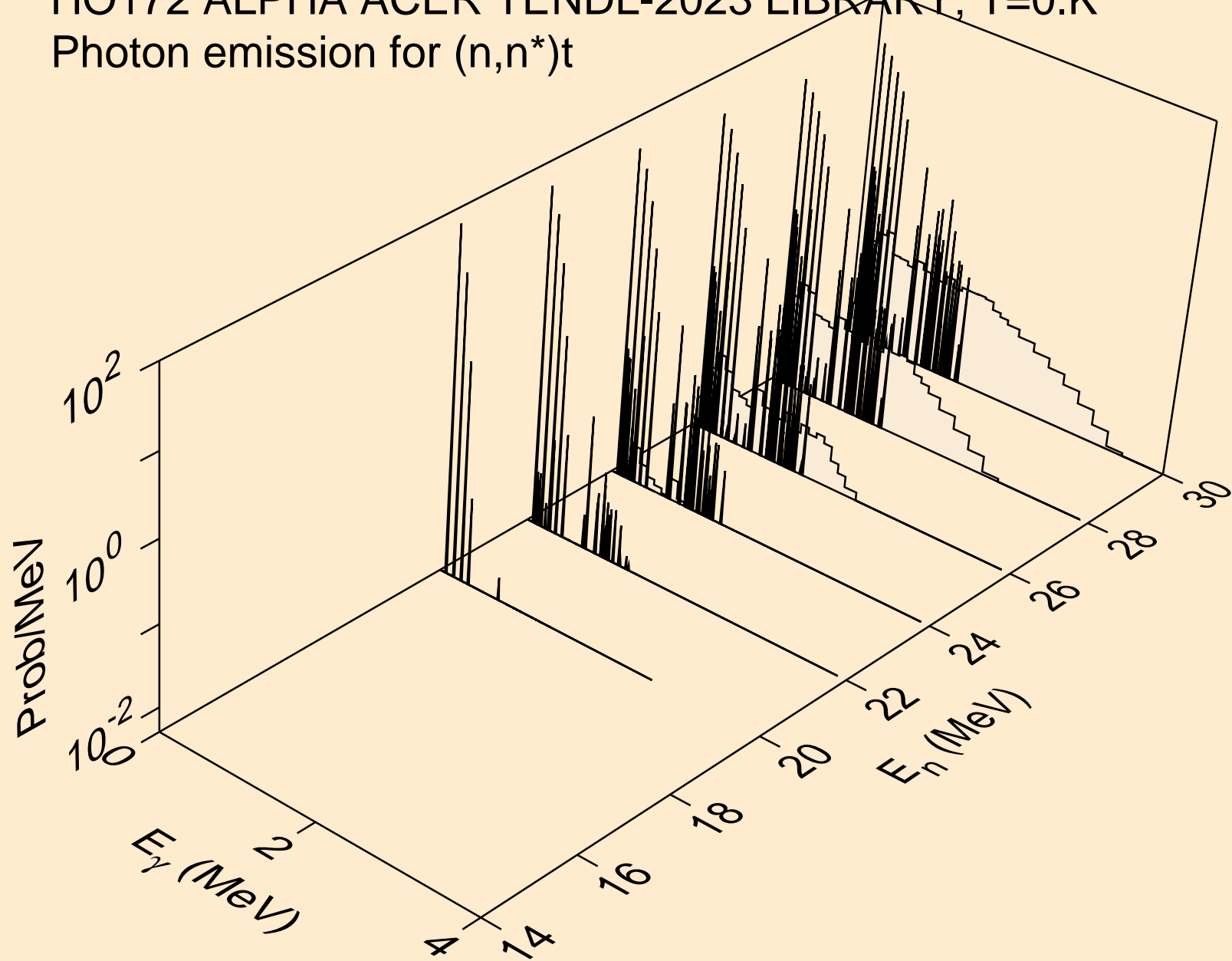
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



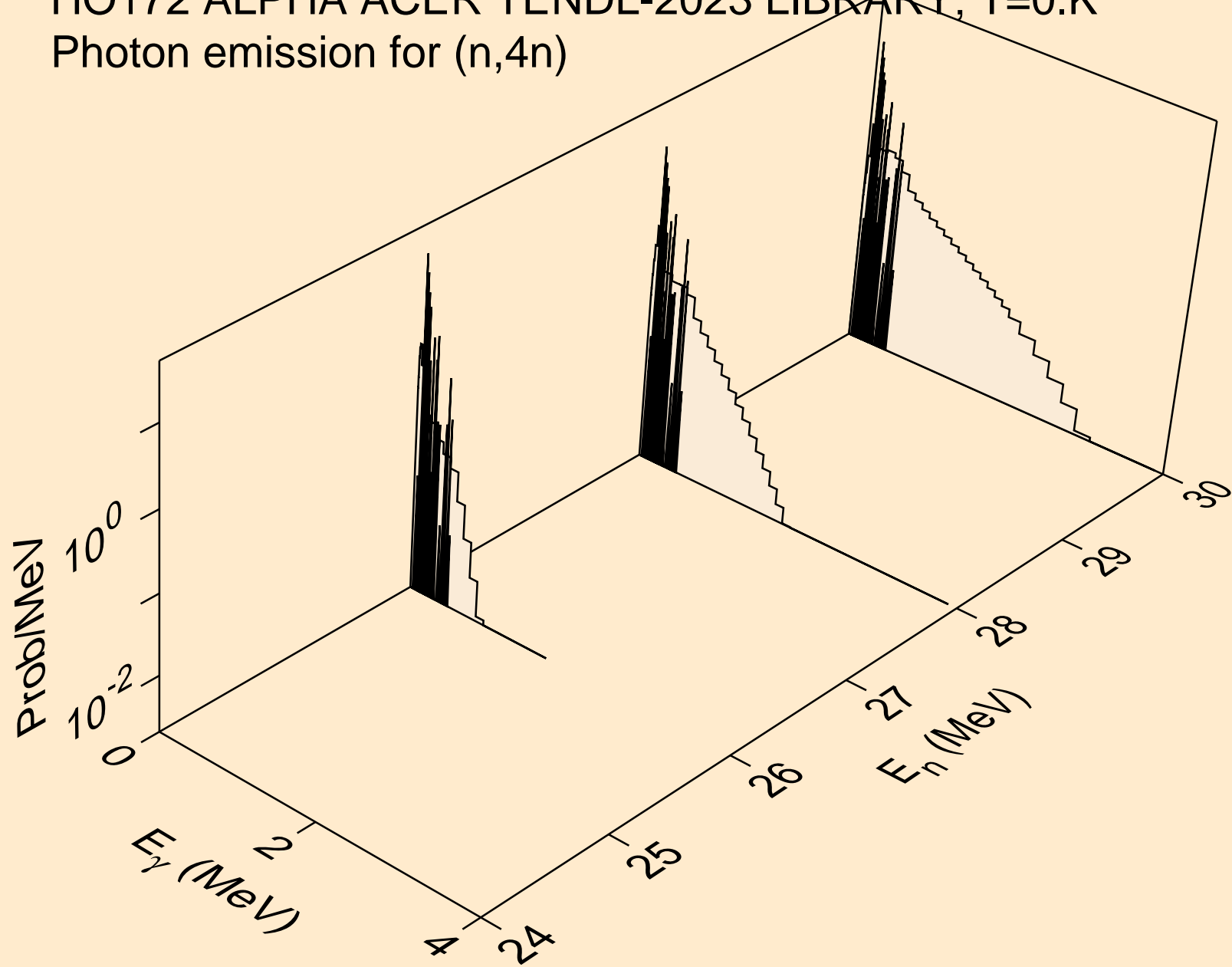
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

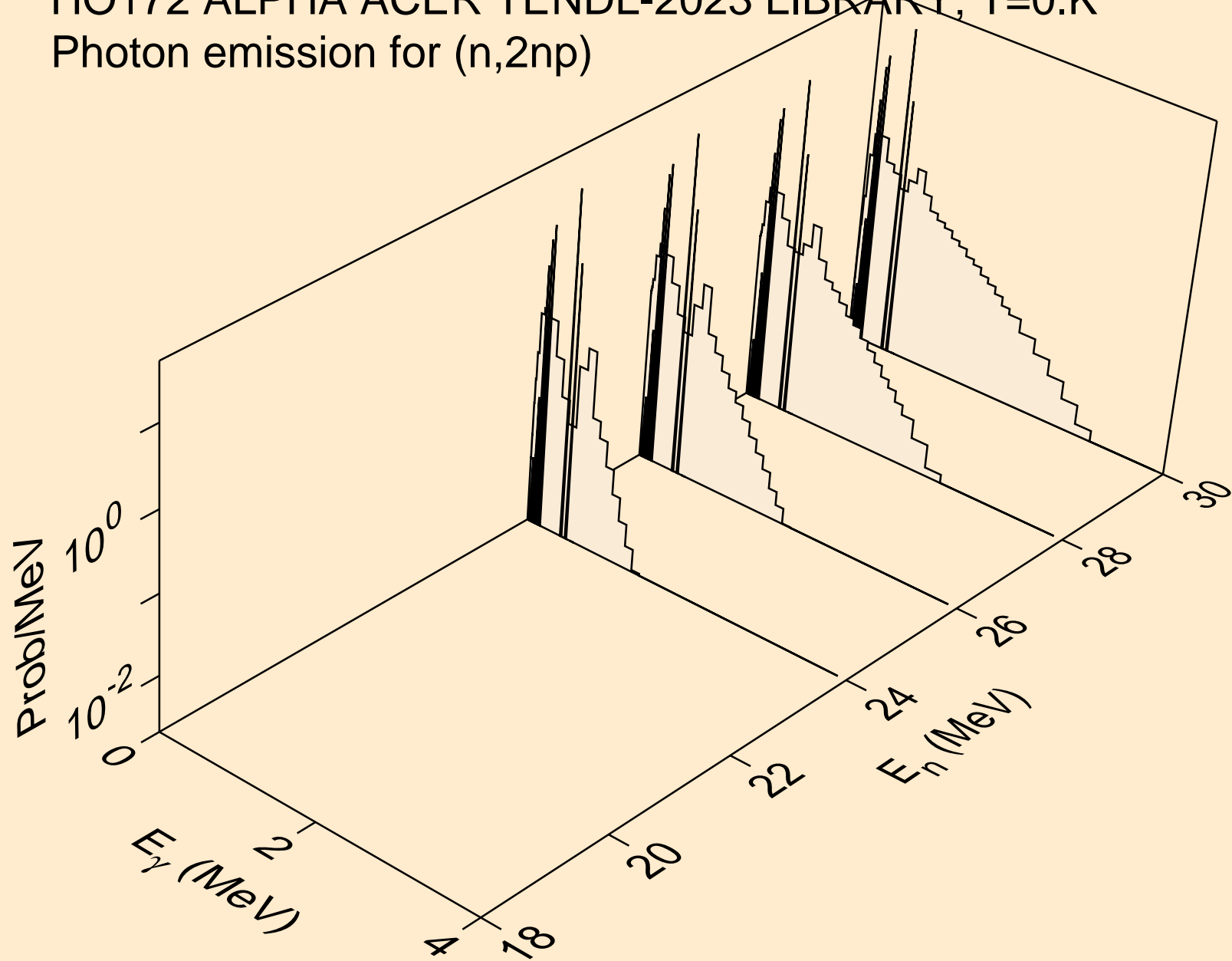


HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

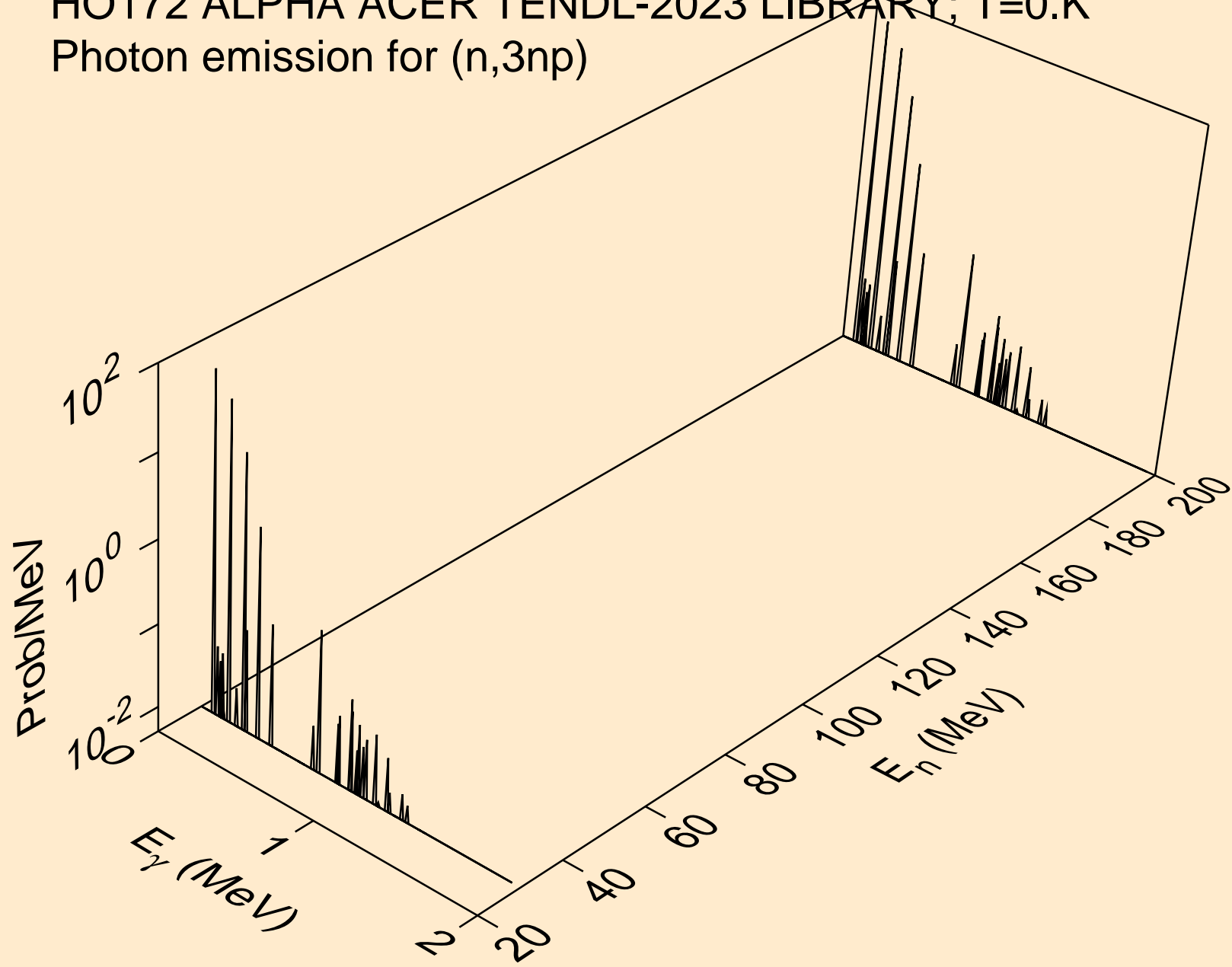




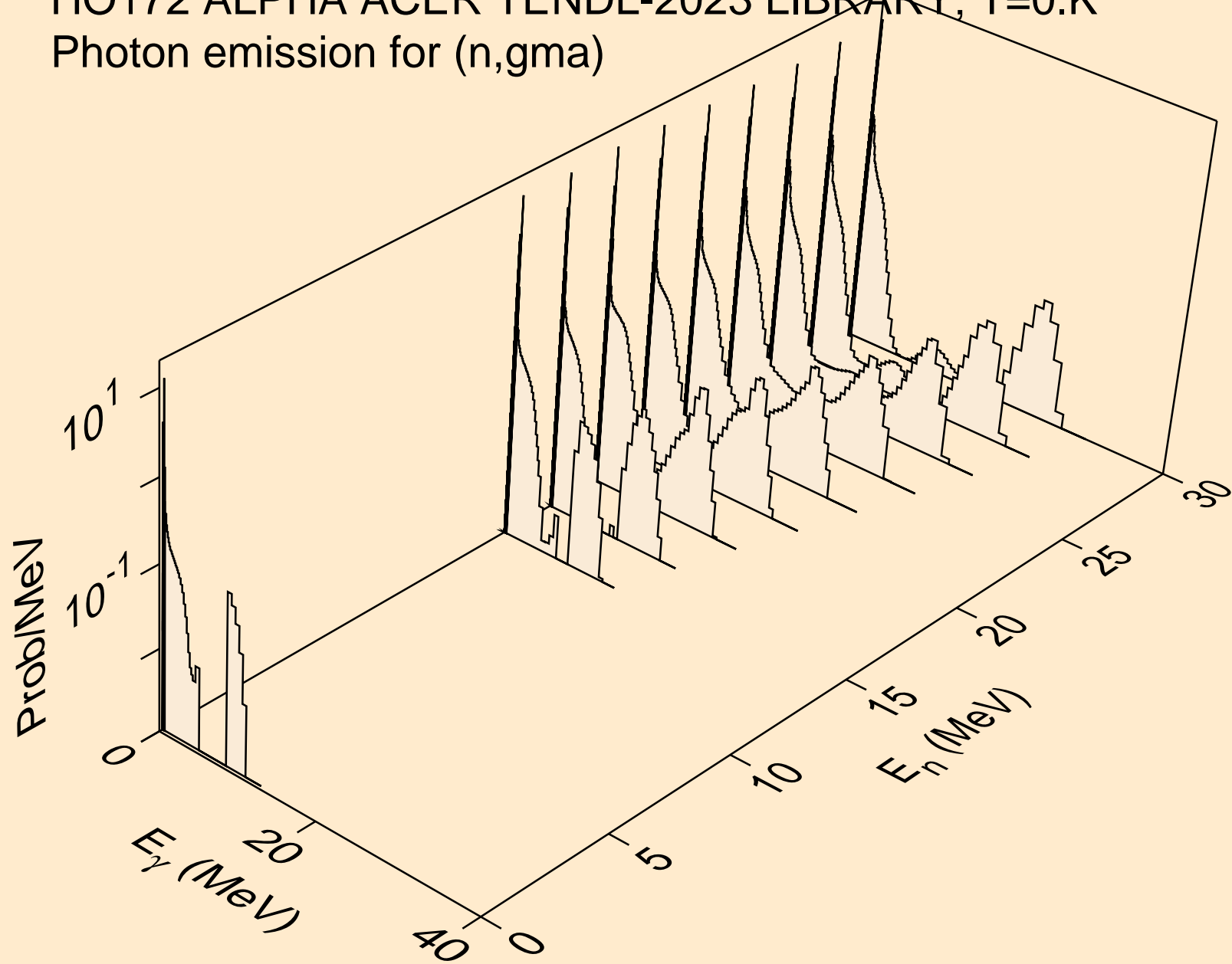
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



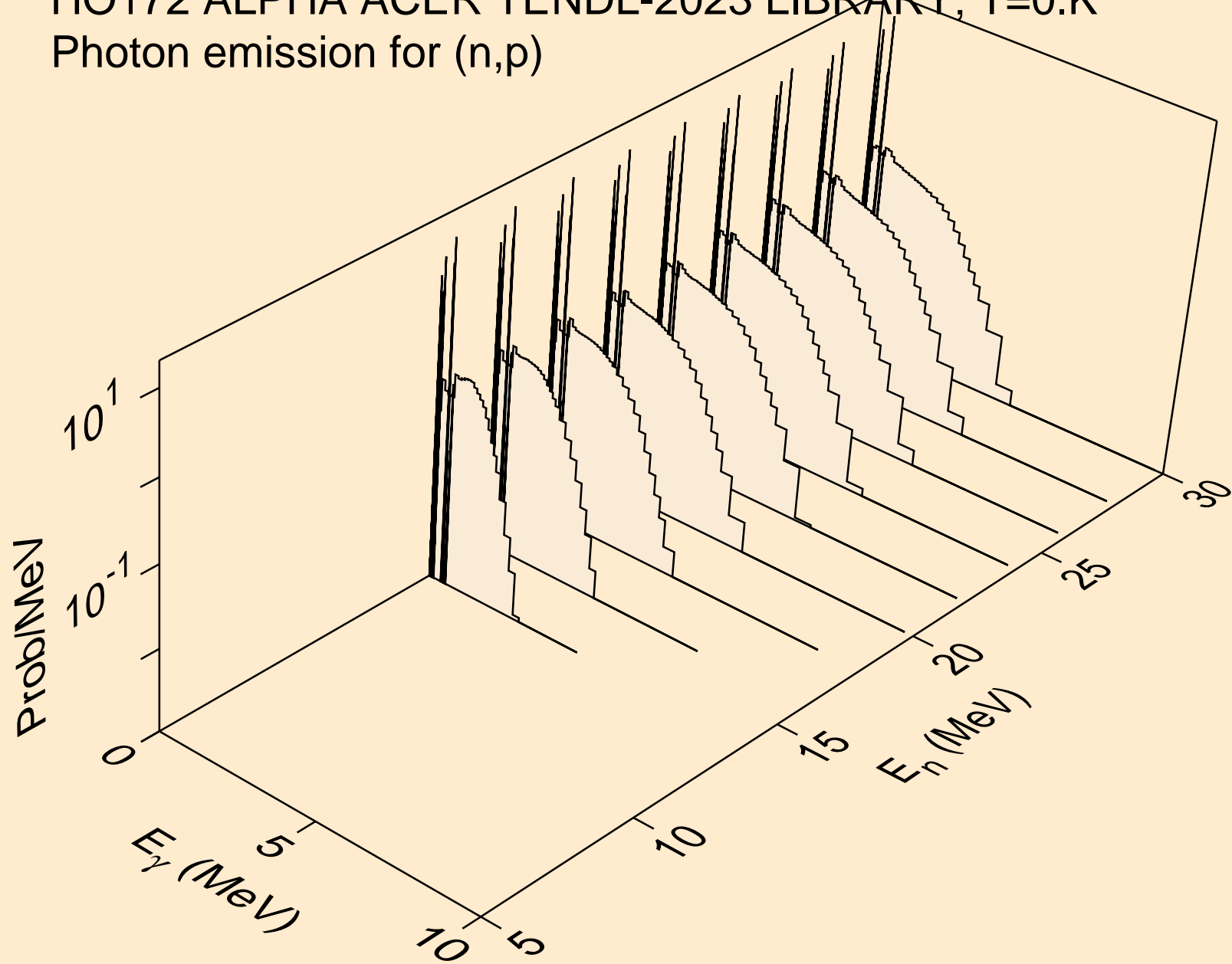
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



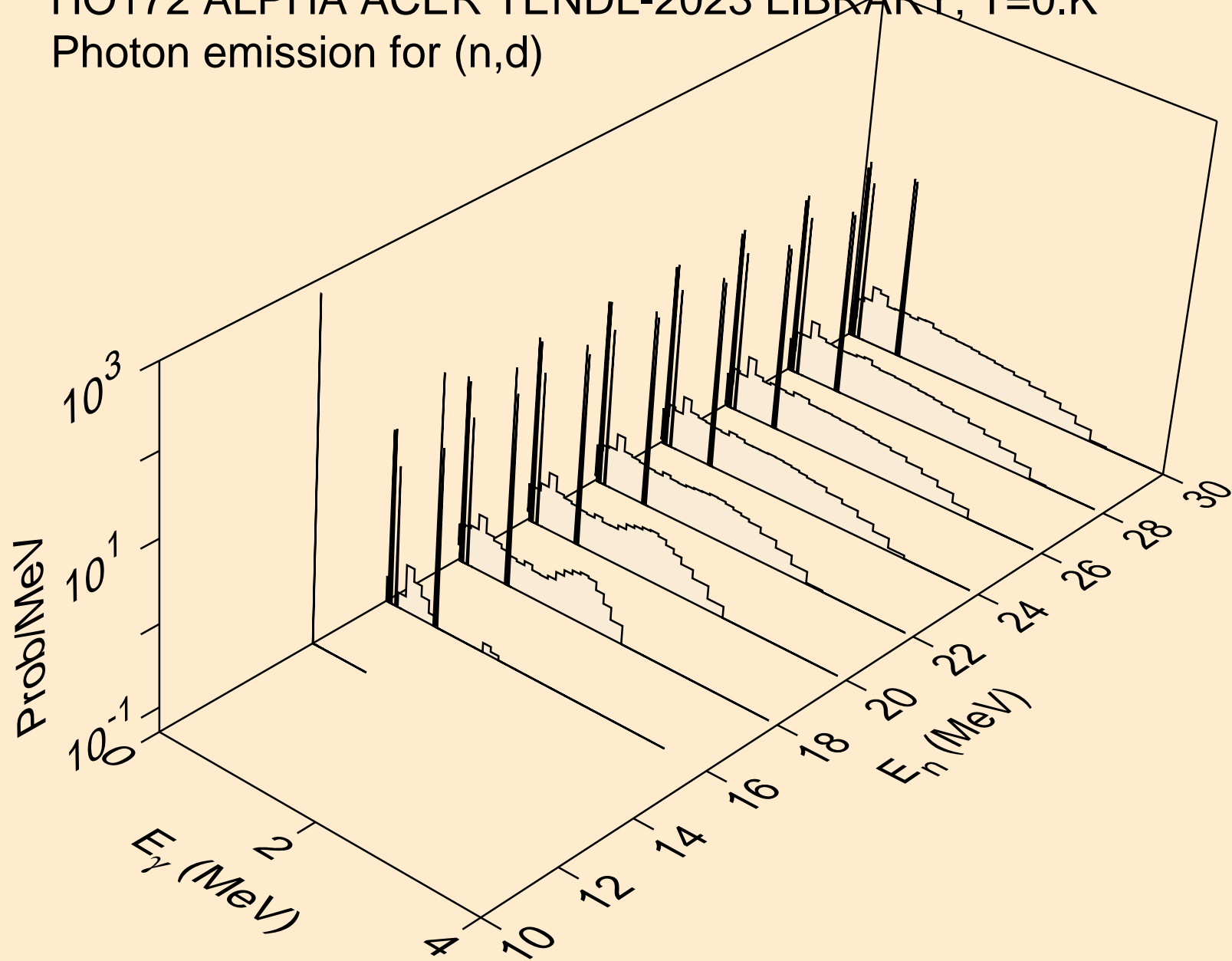
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



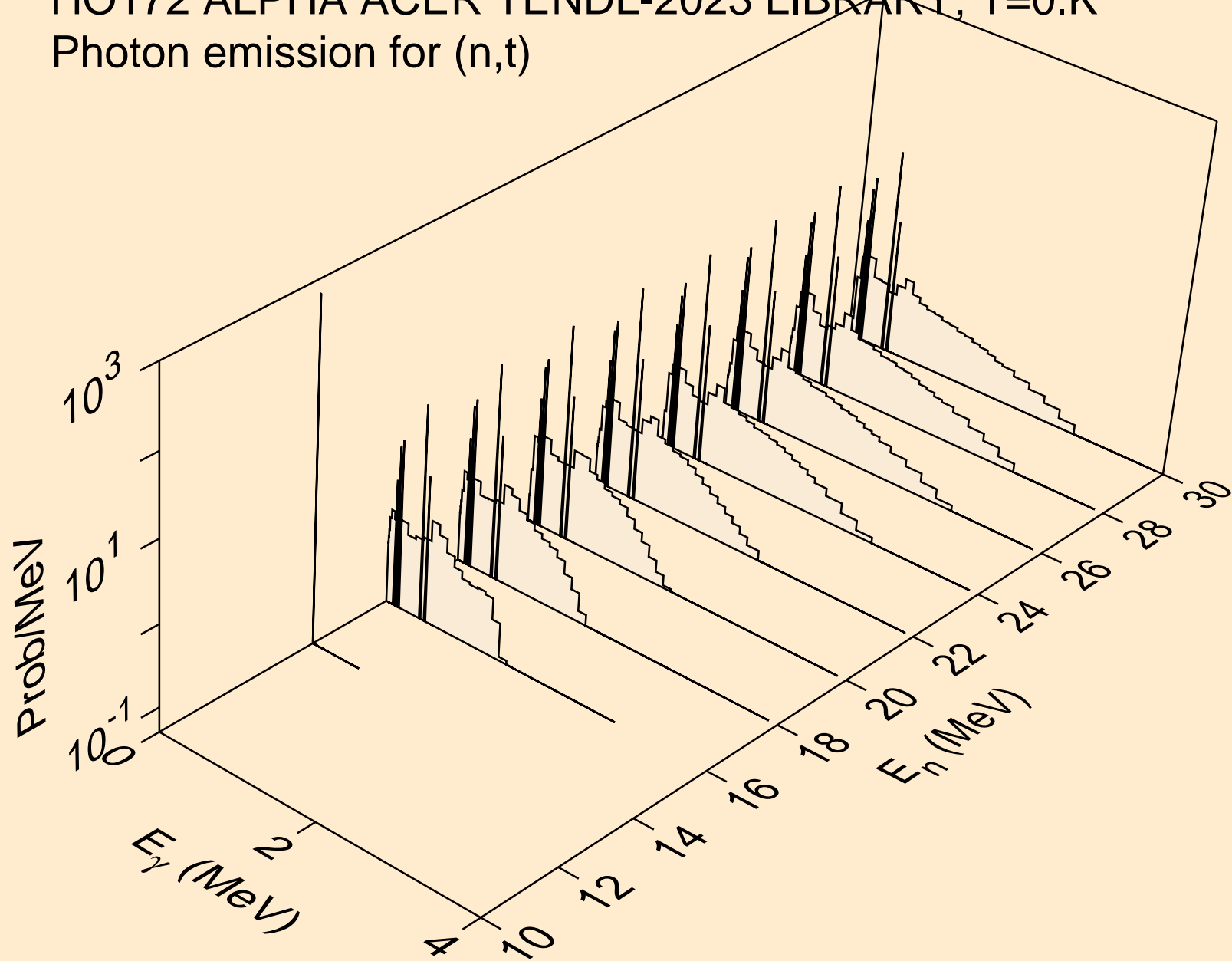
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



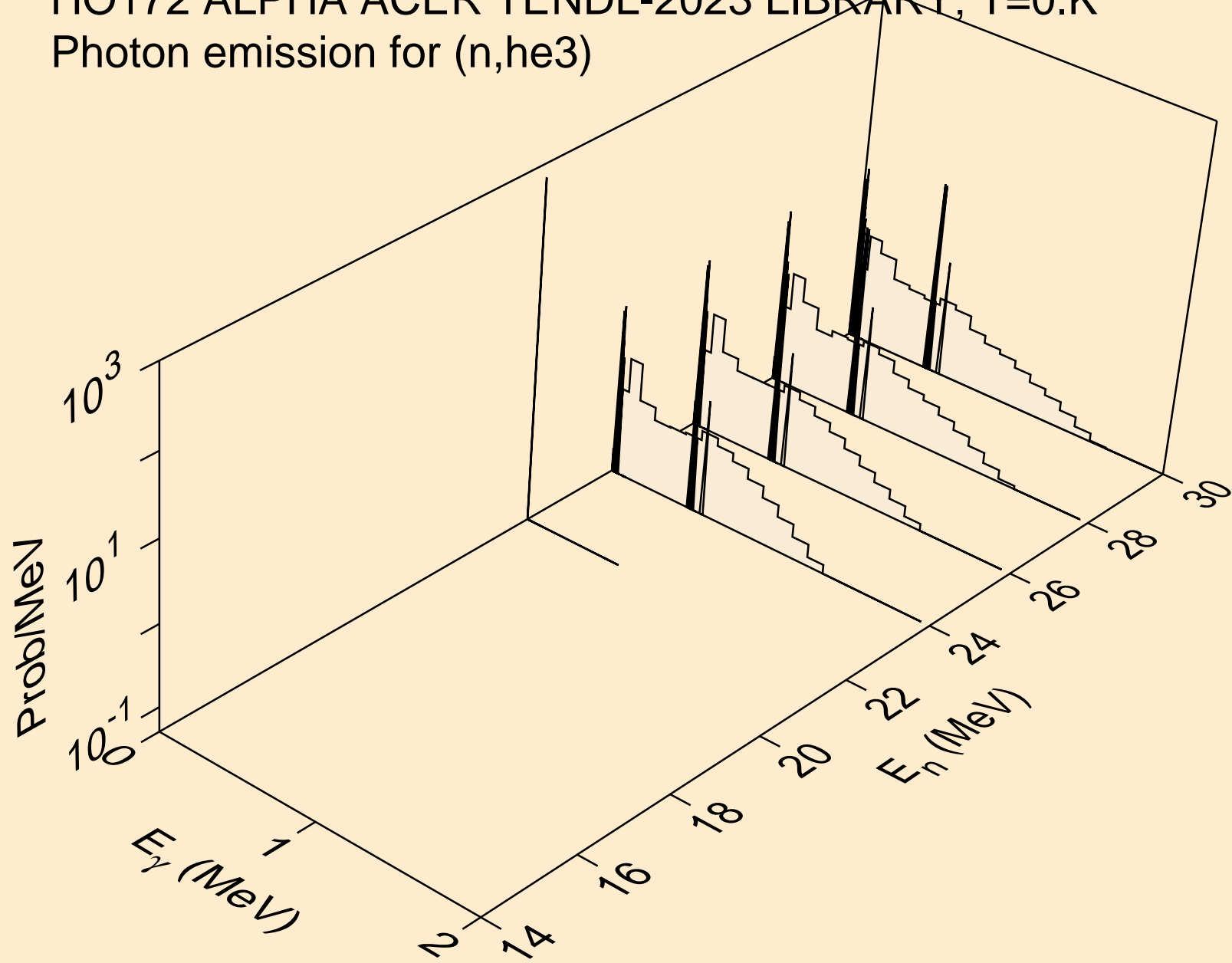
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



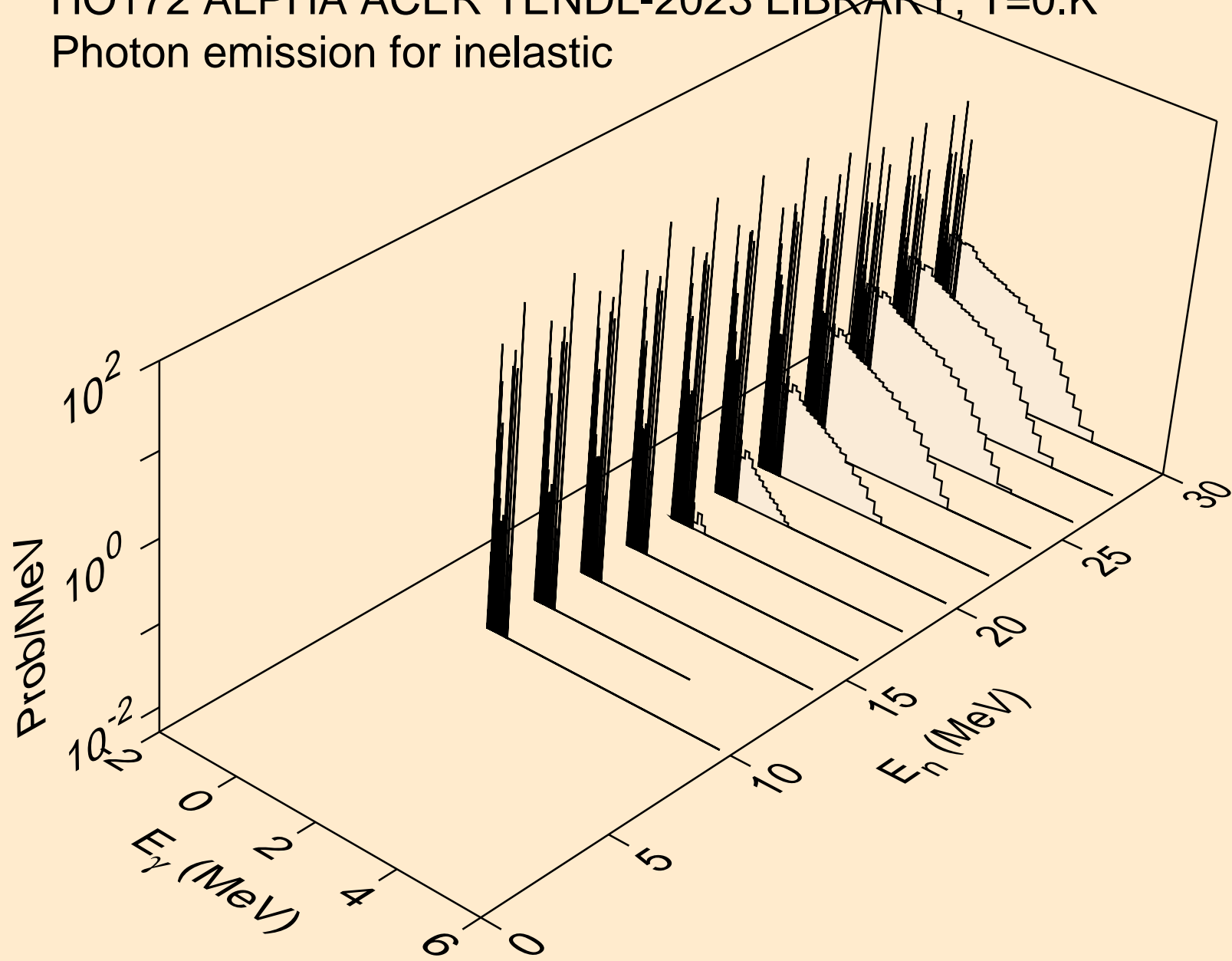
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

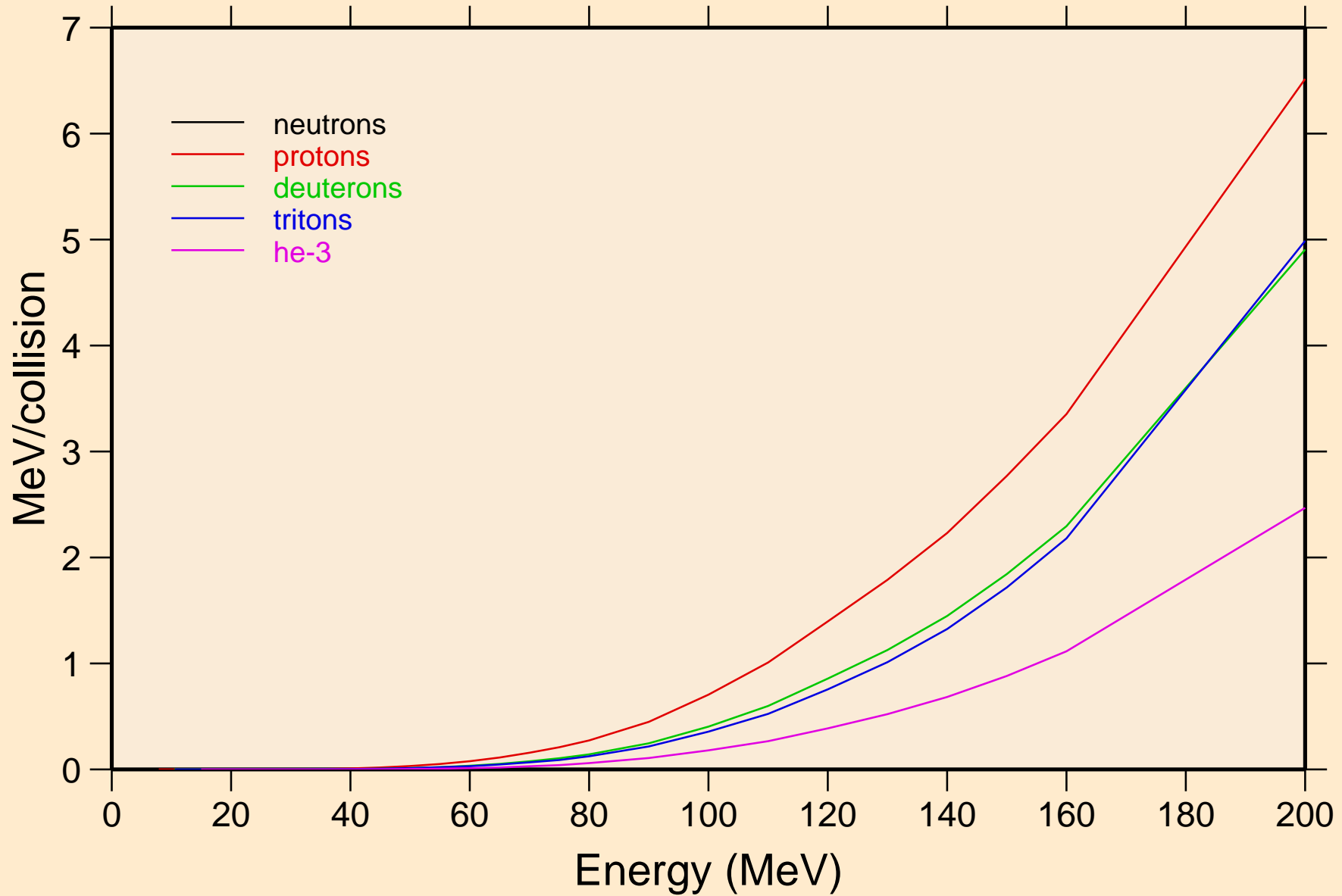


HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



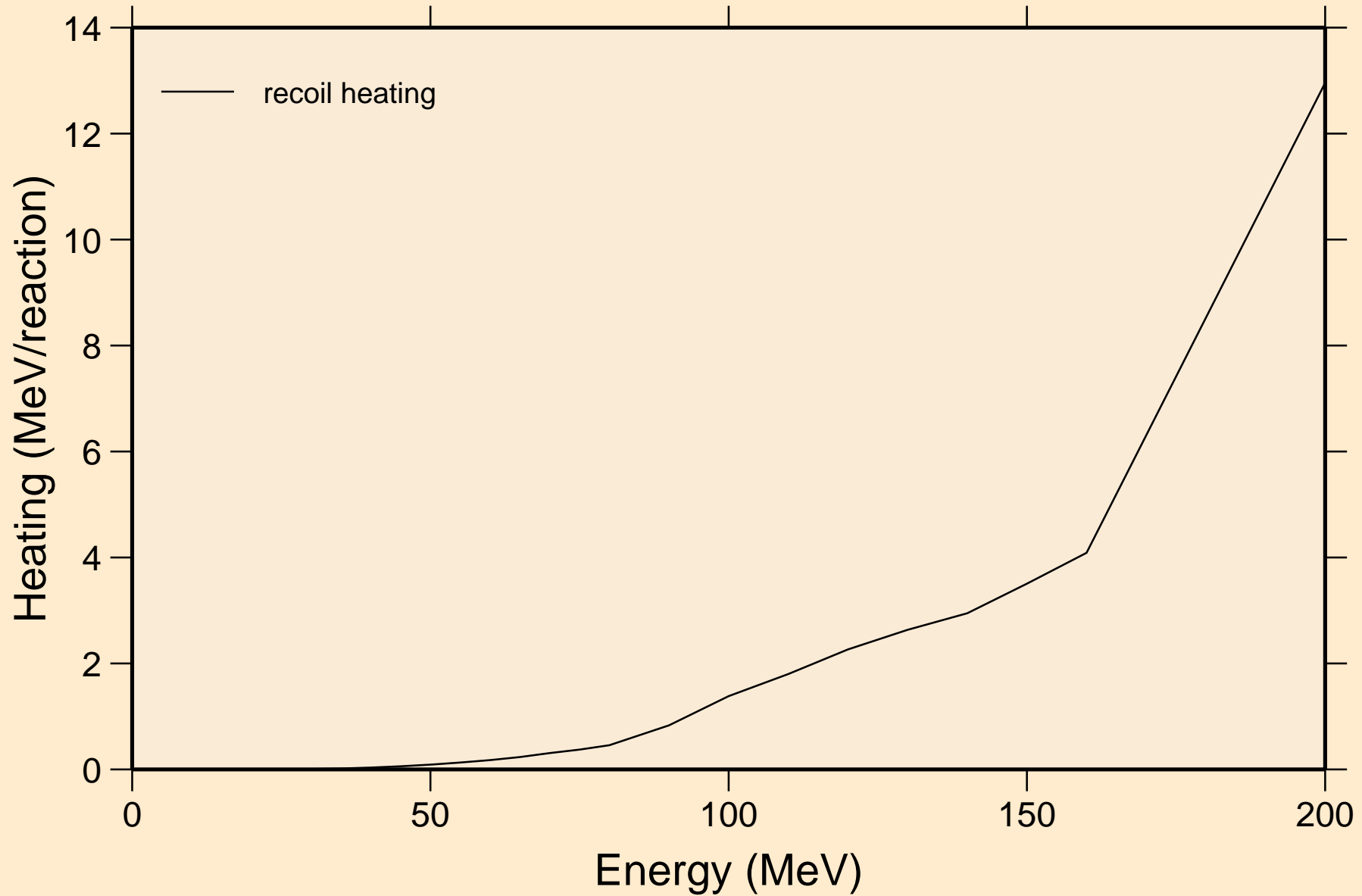


HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



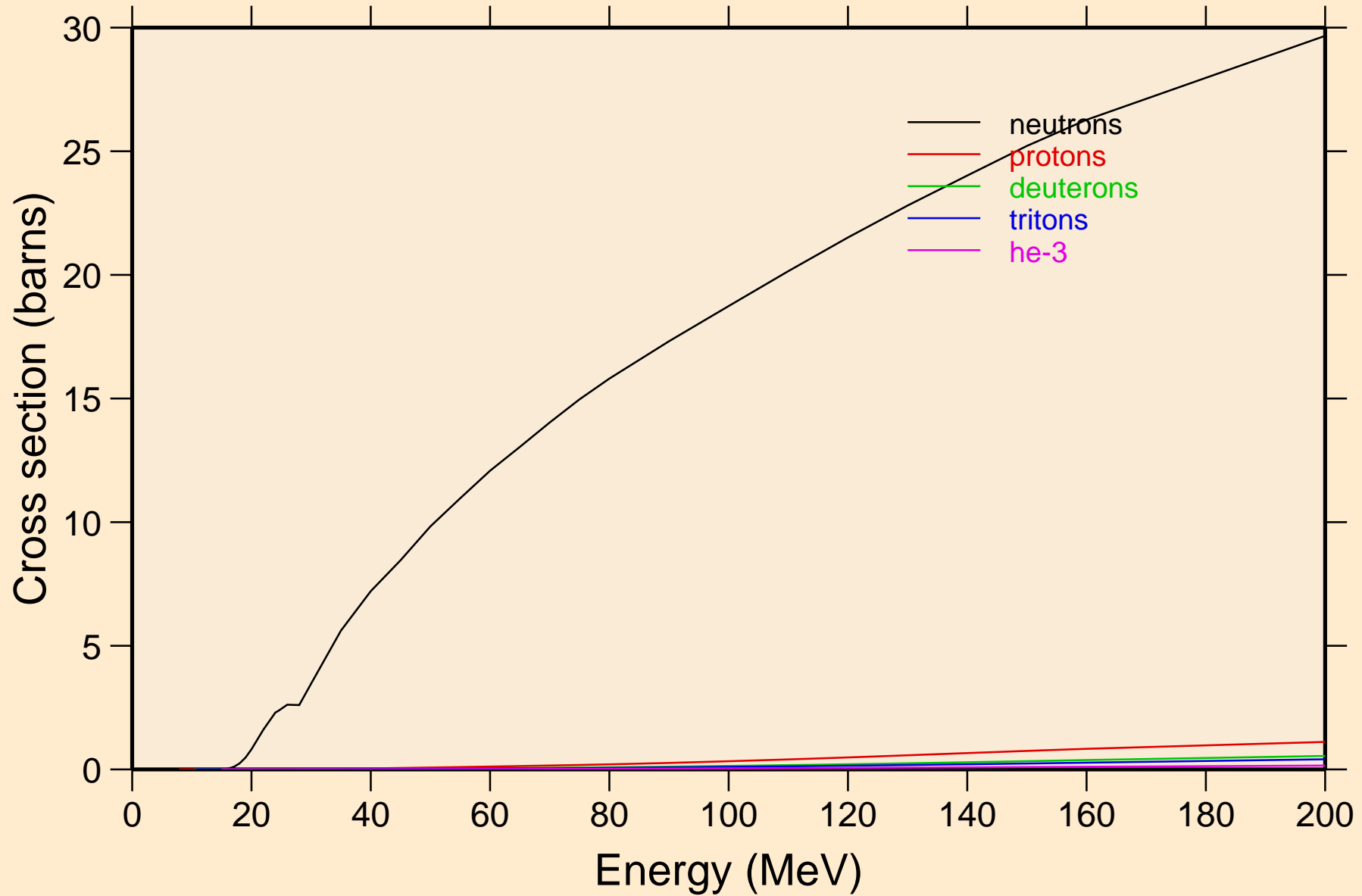
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

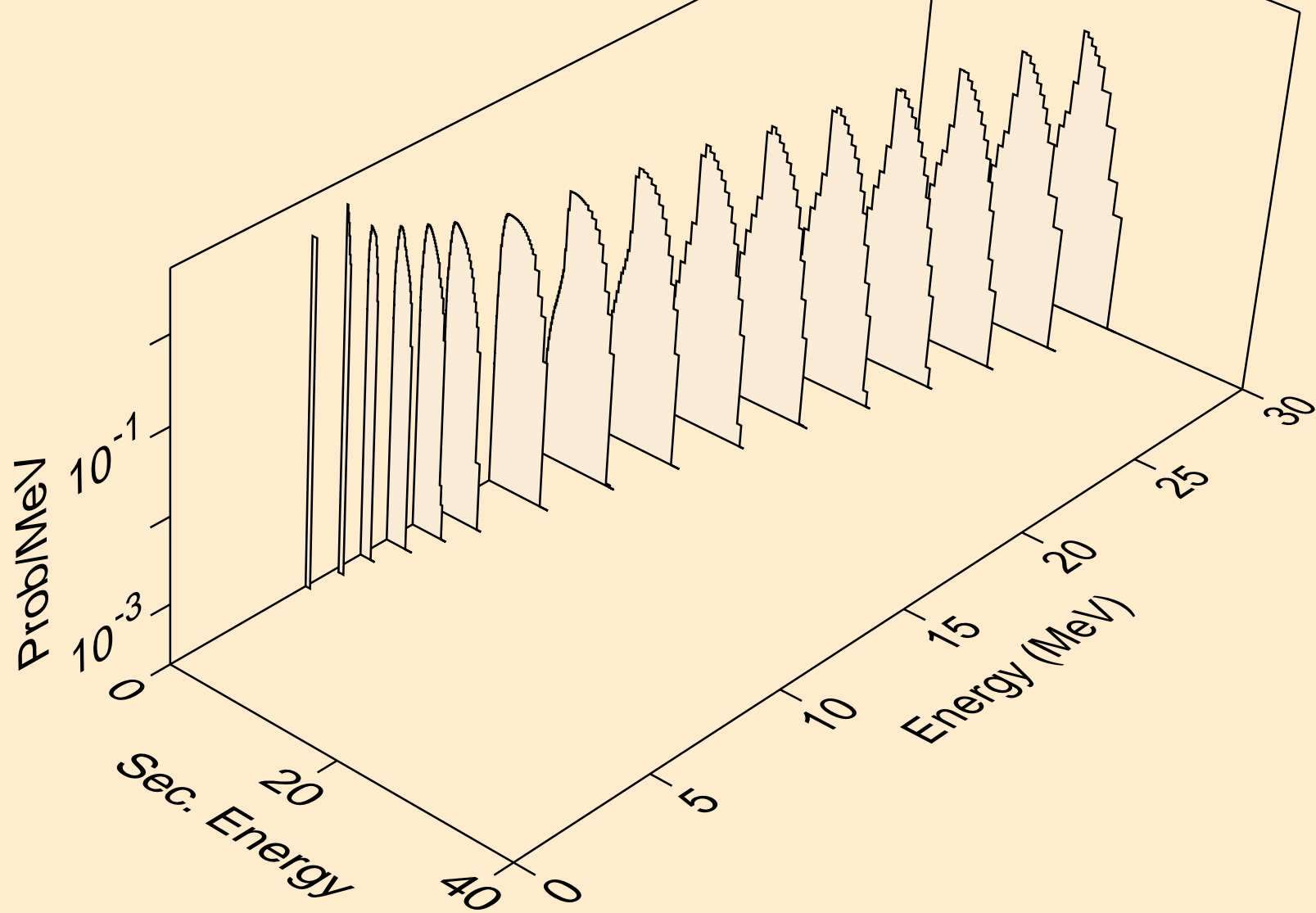


# HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

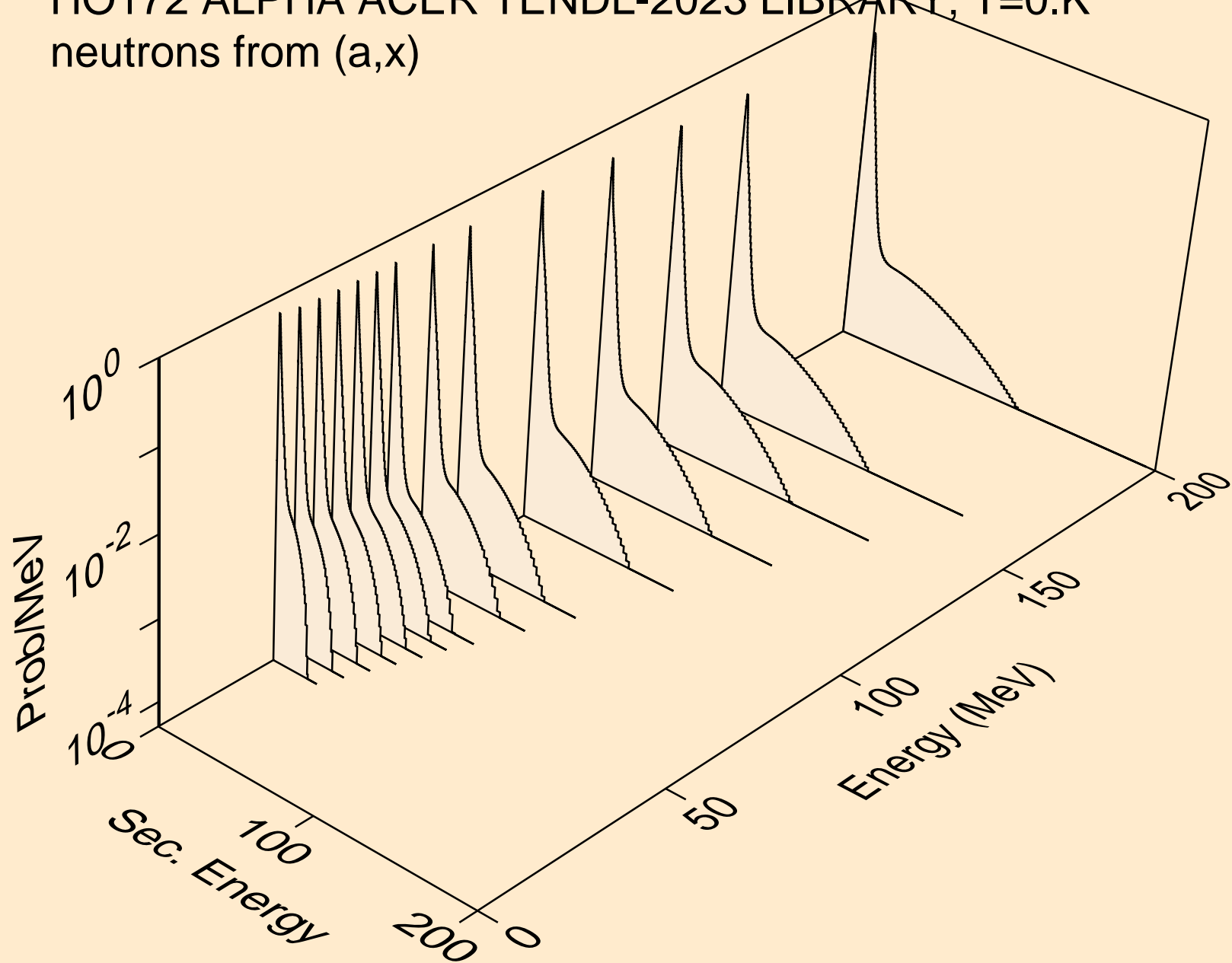
## Particle production cross sections



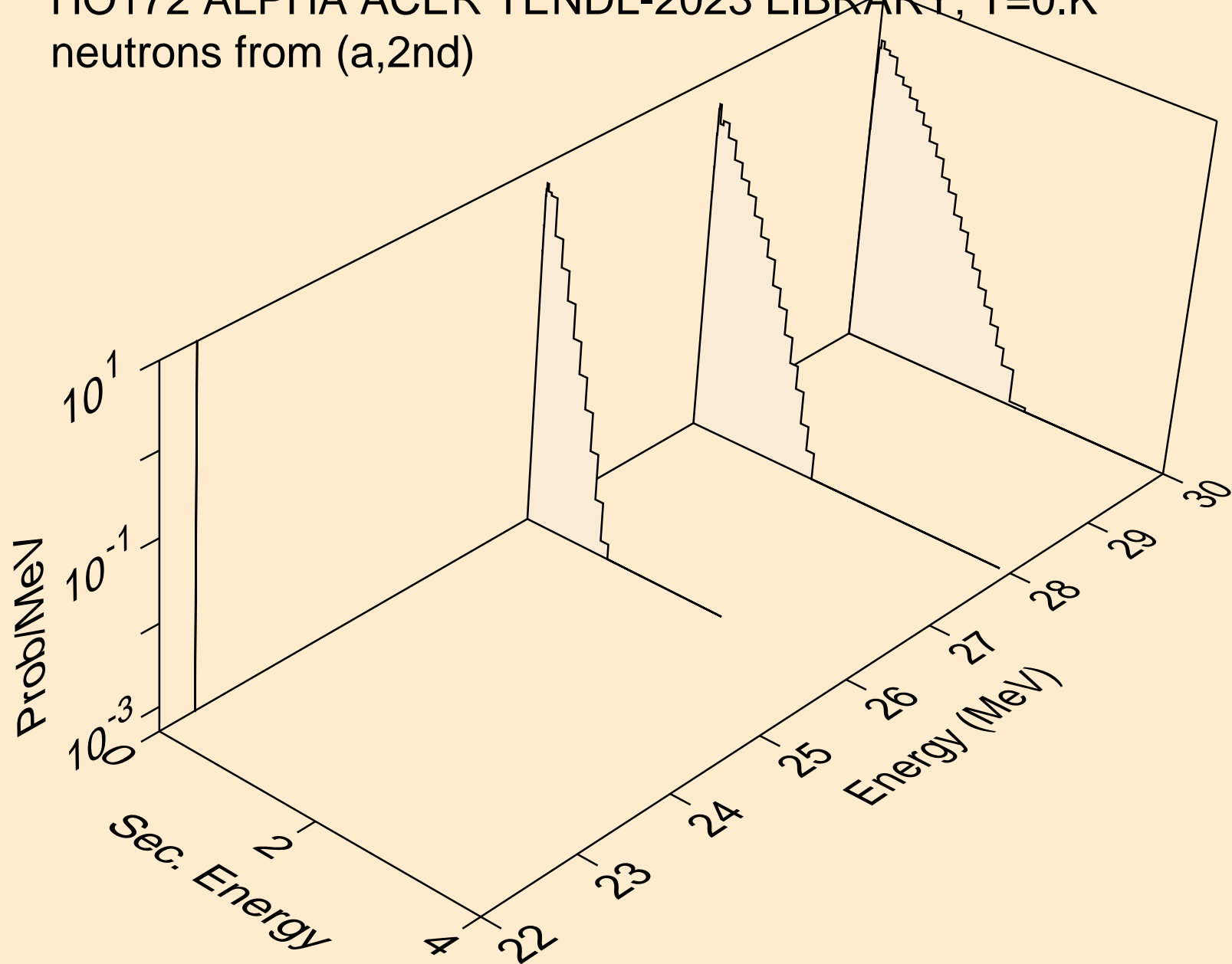
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



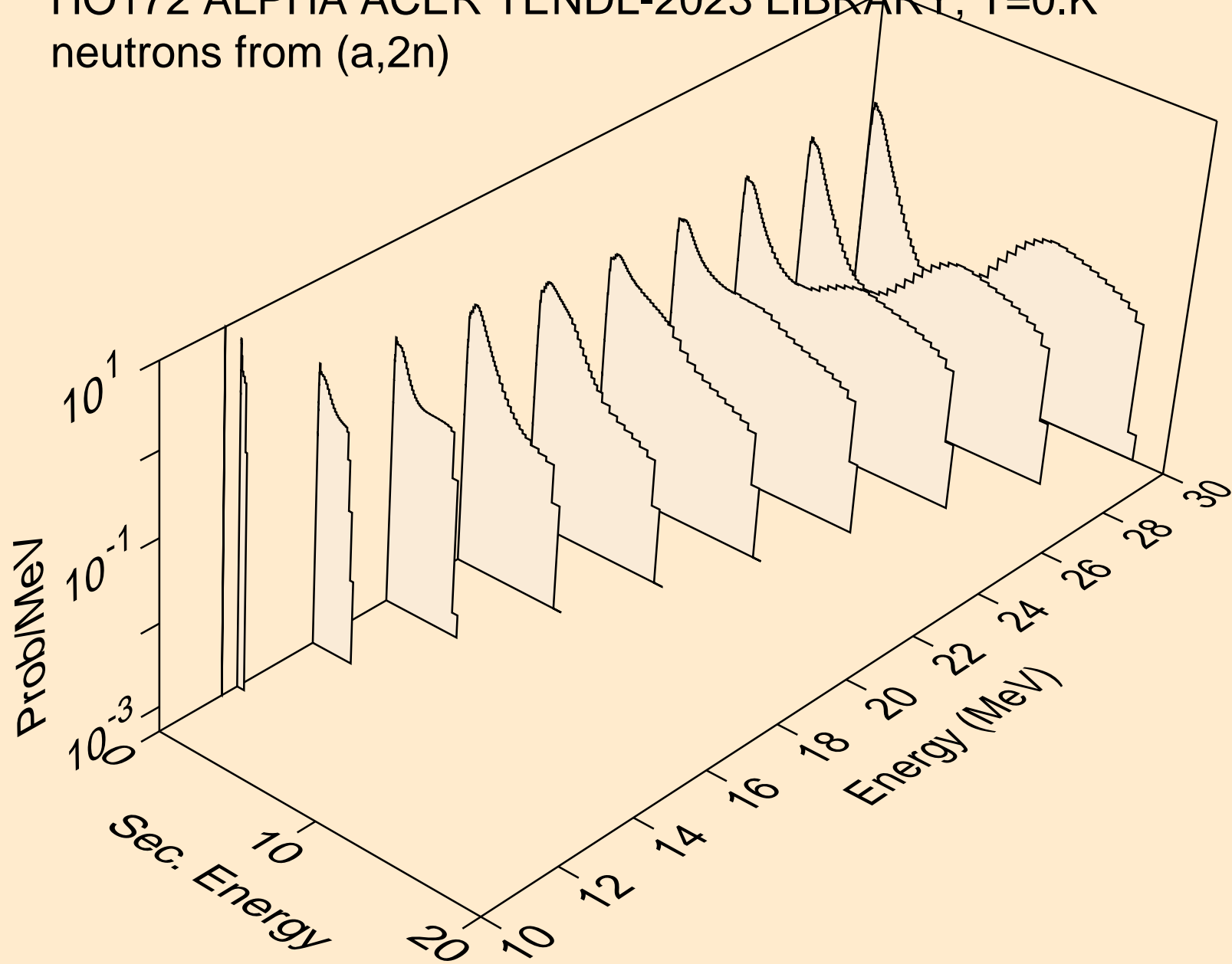
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



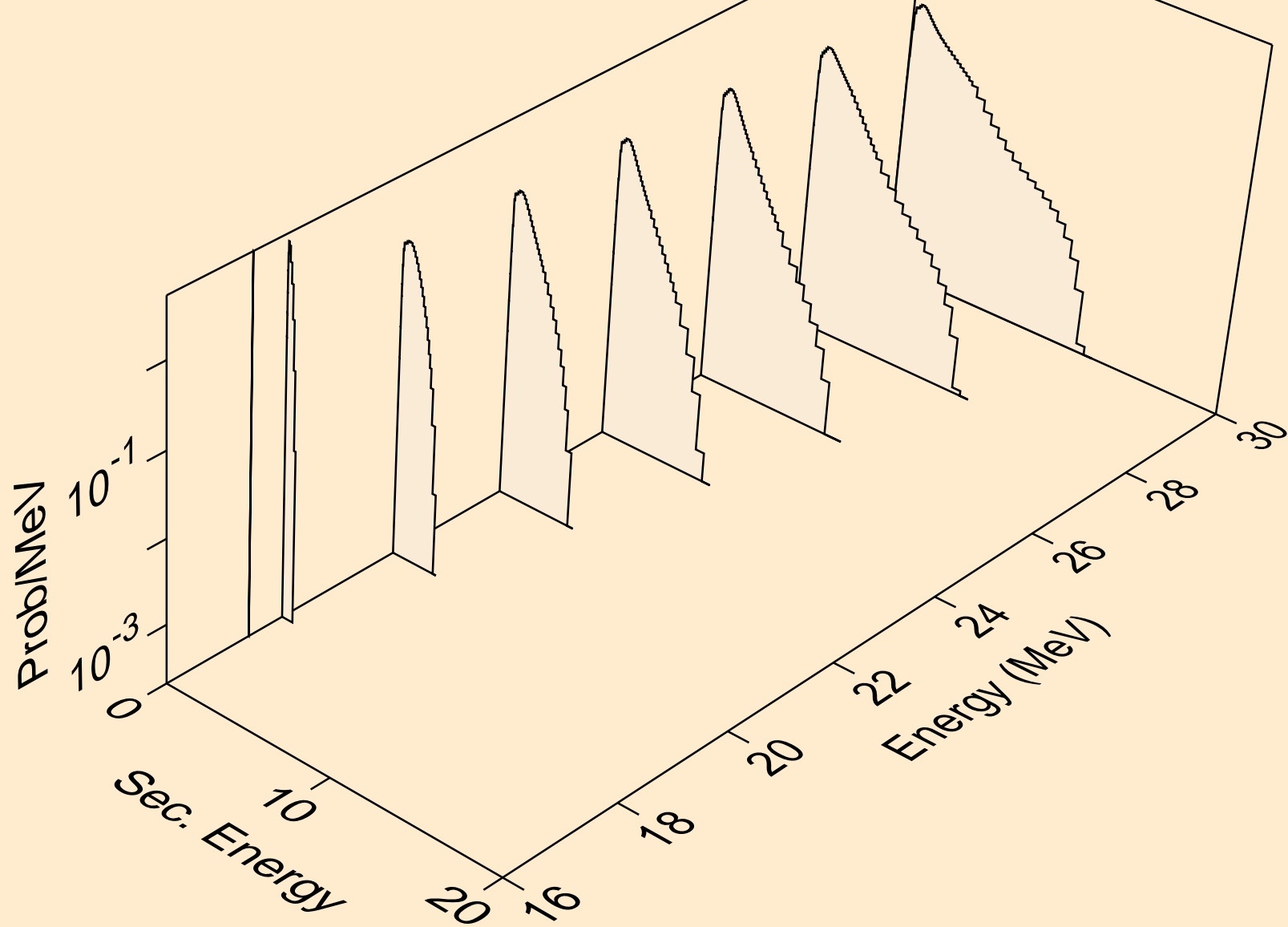
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

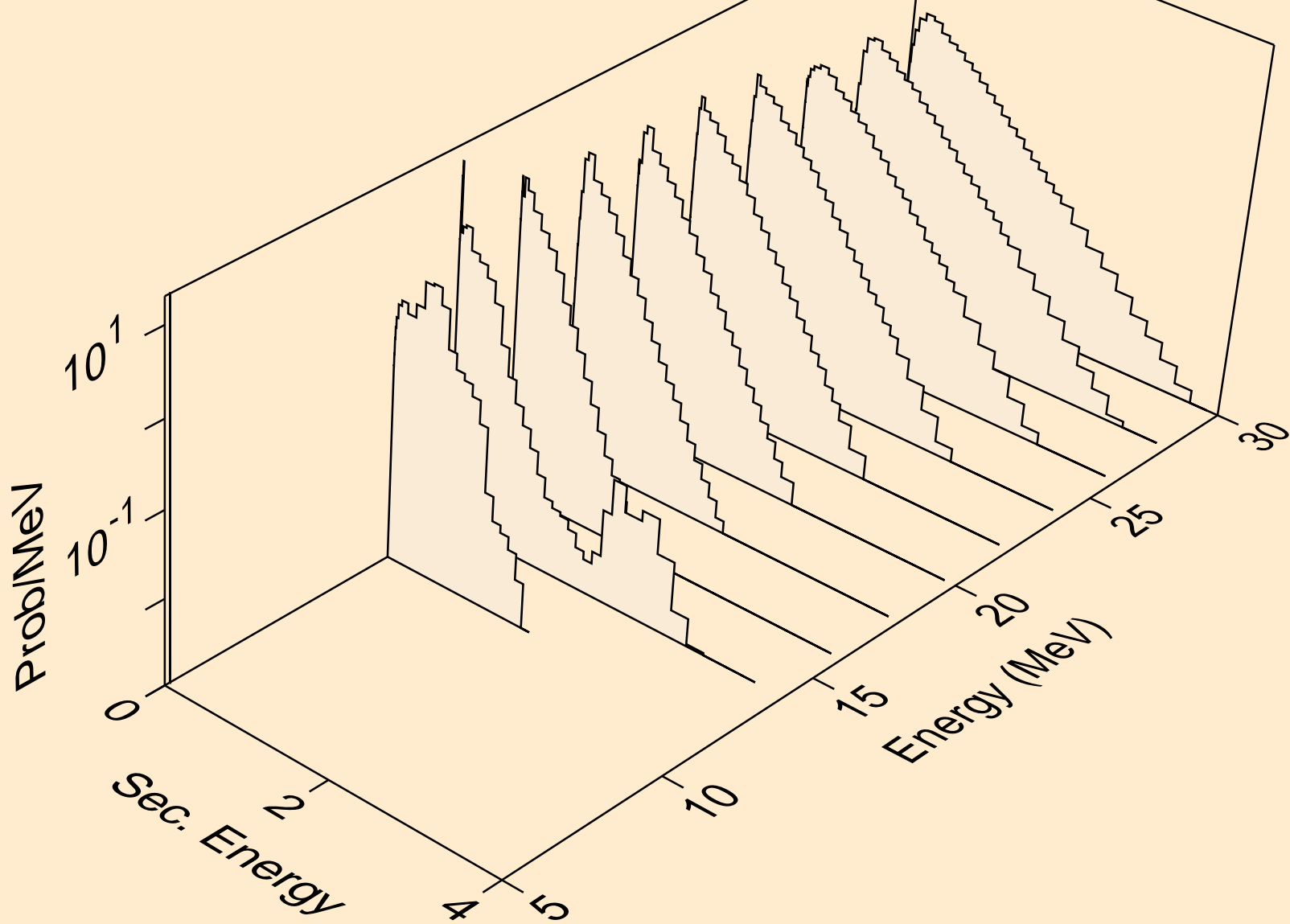


HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)

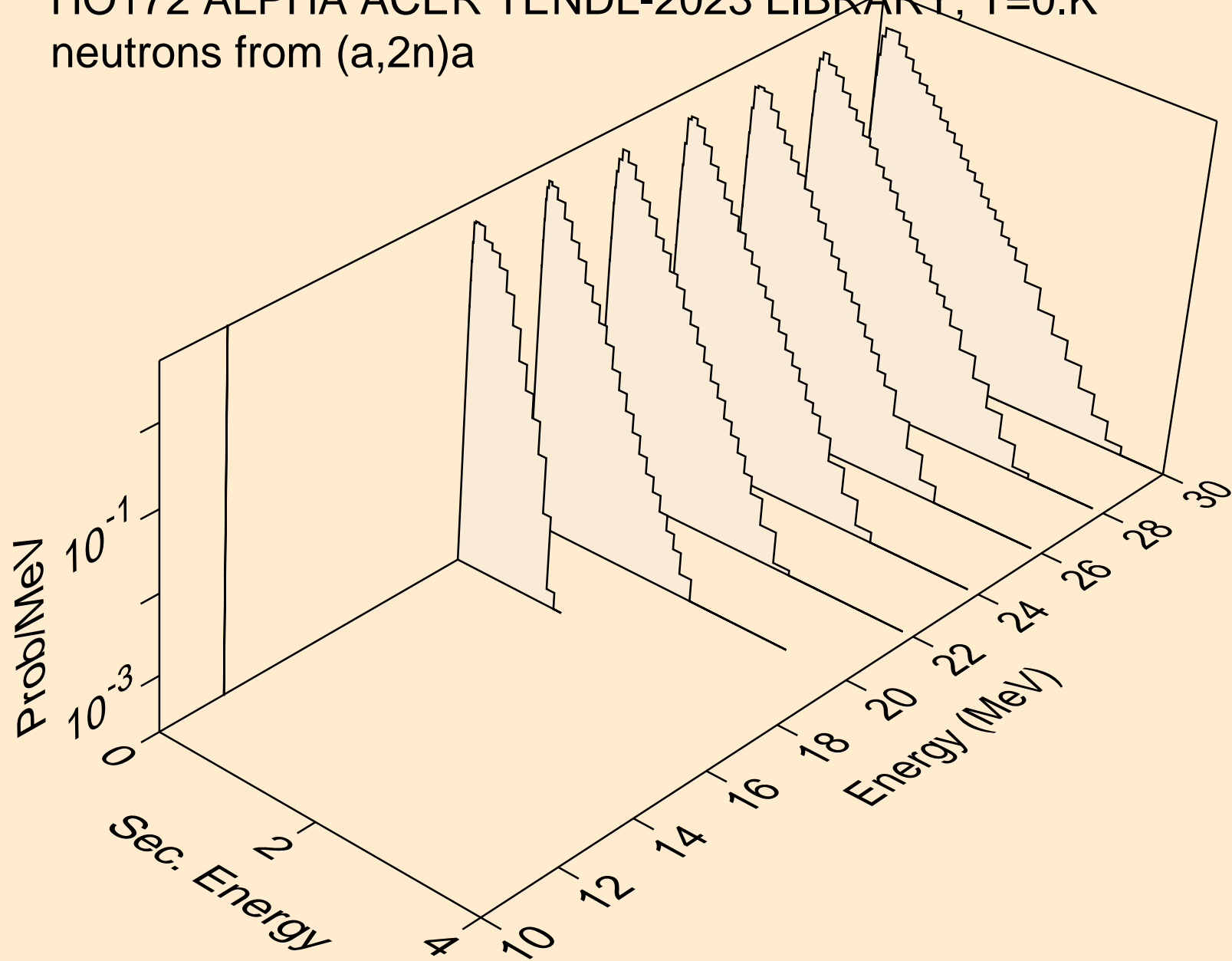




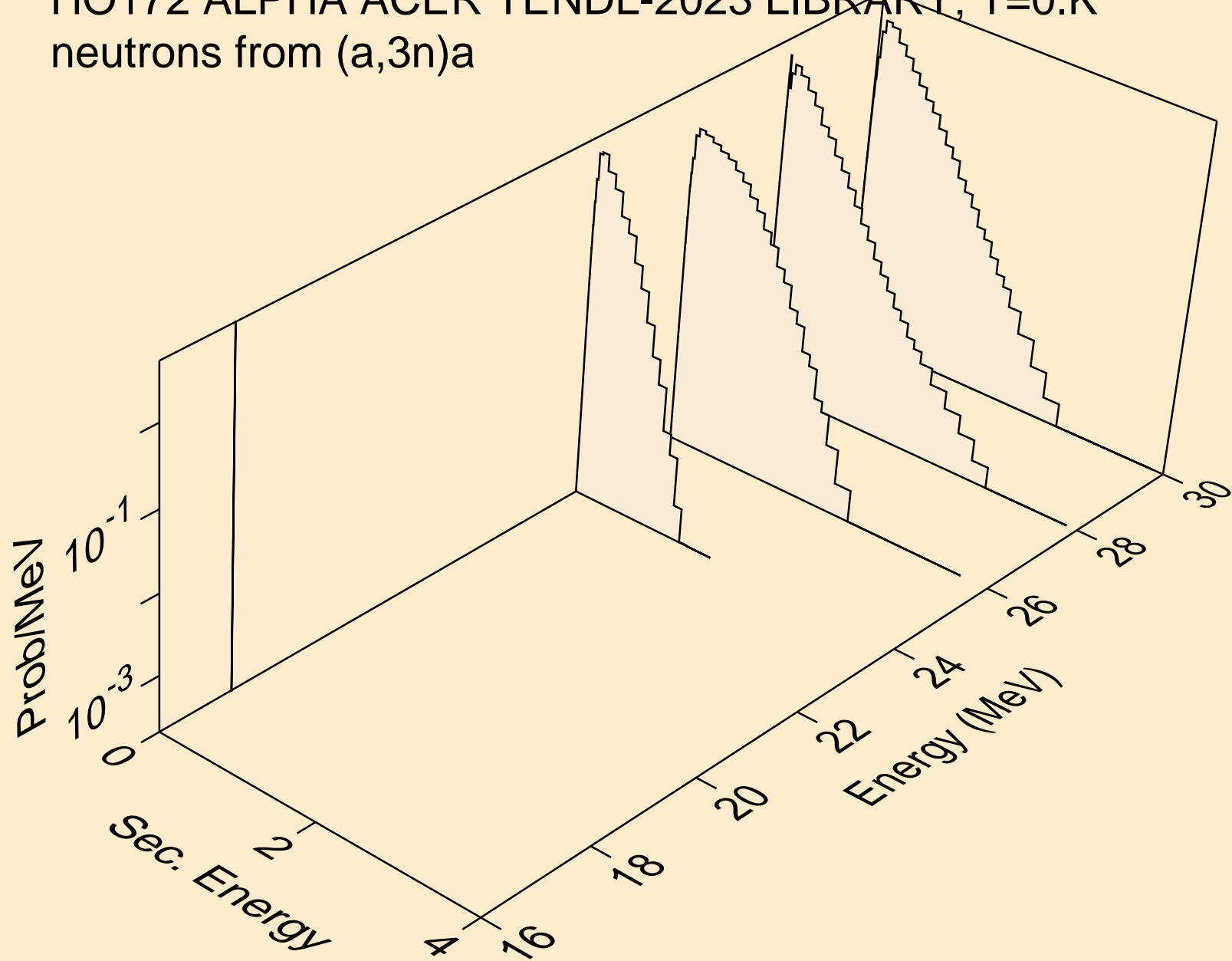
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



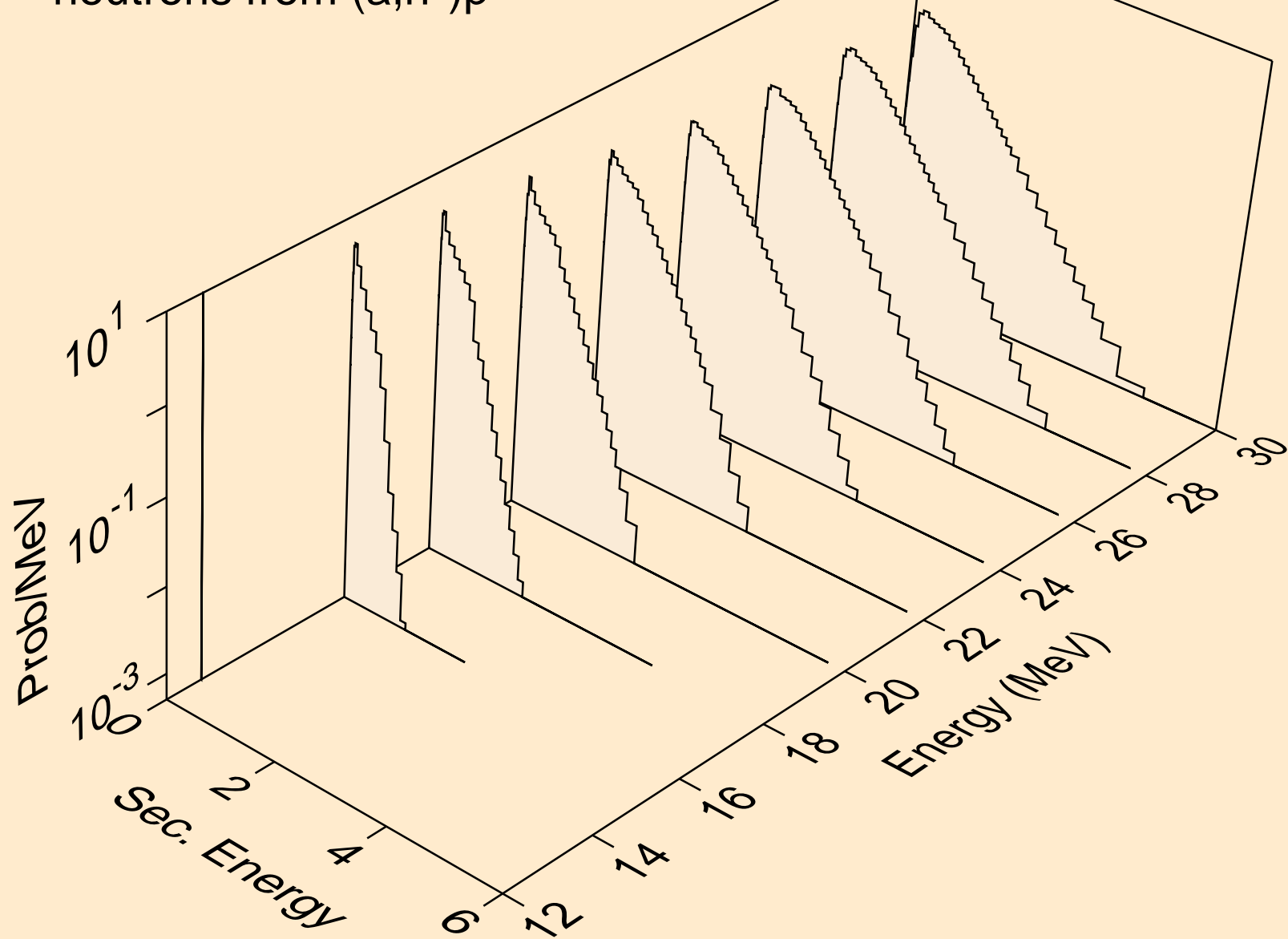
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



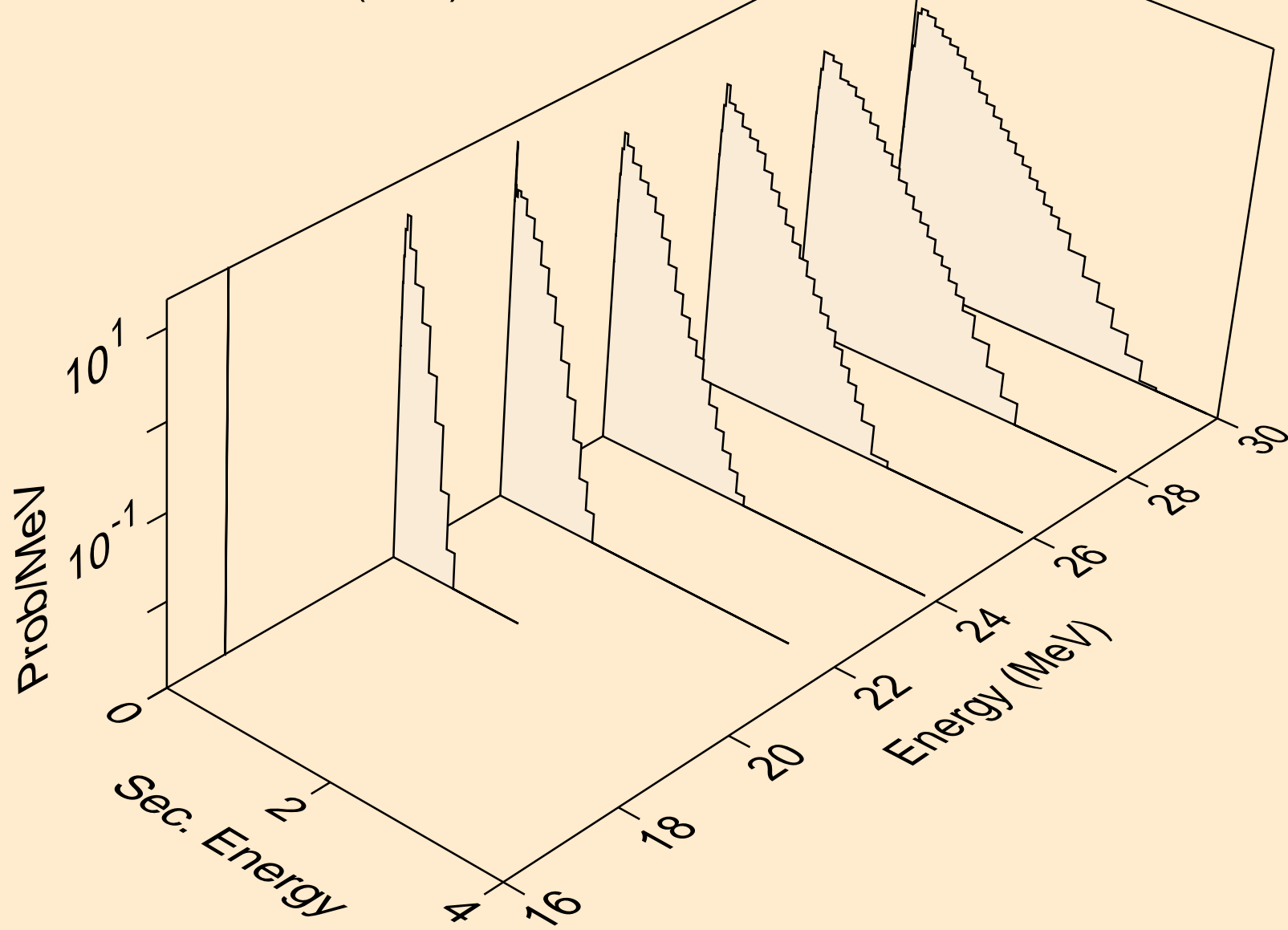
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



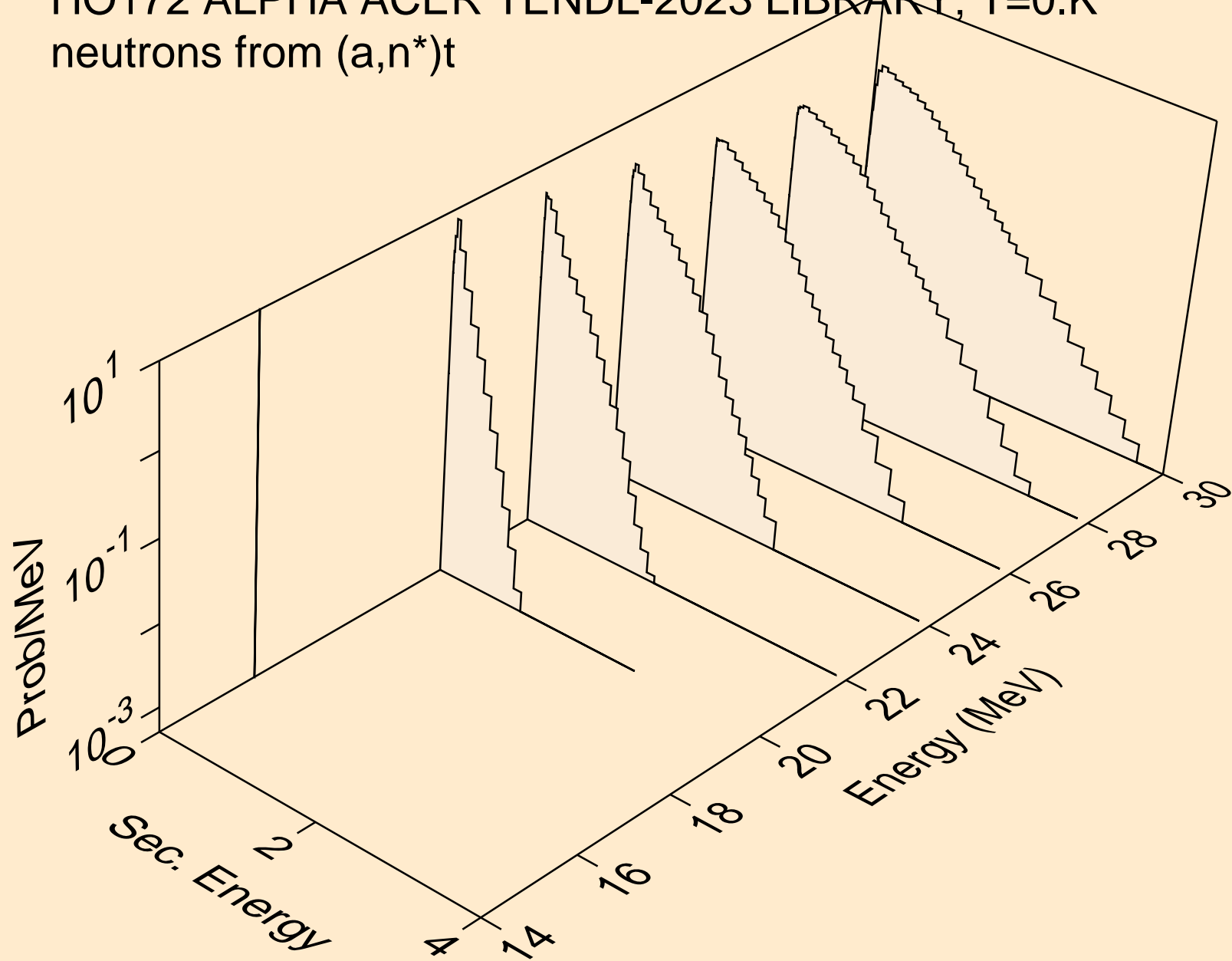
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



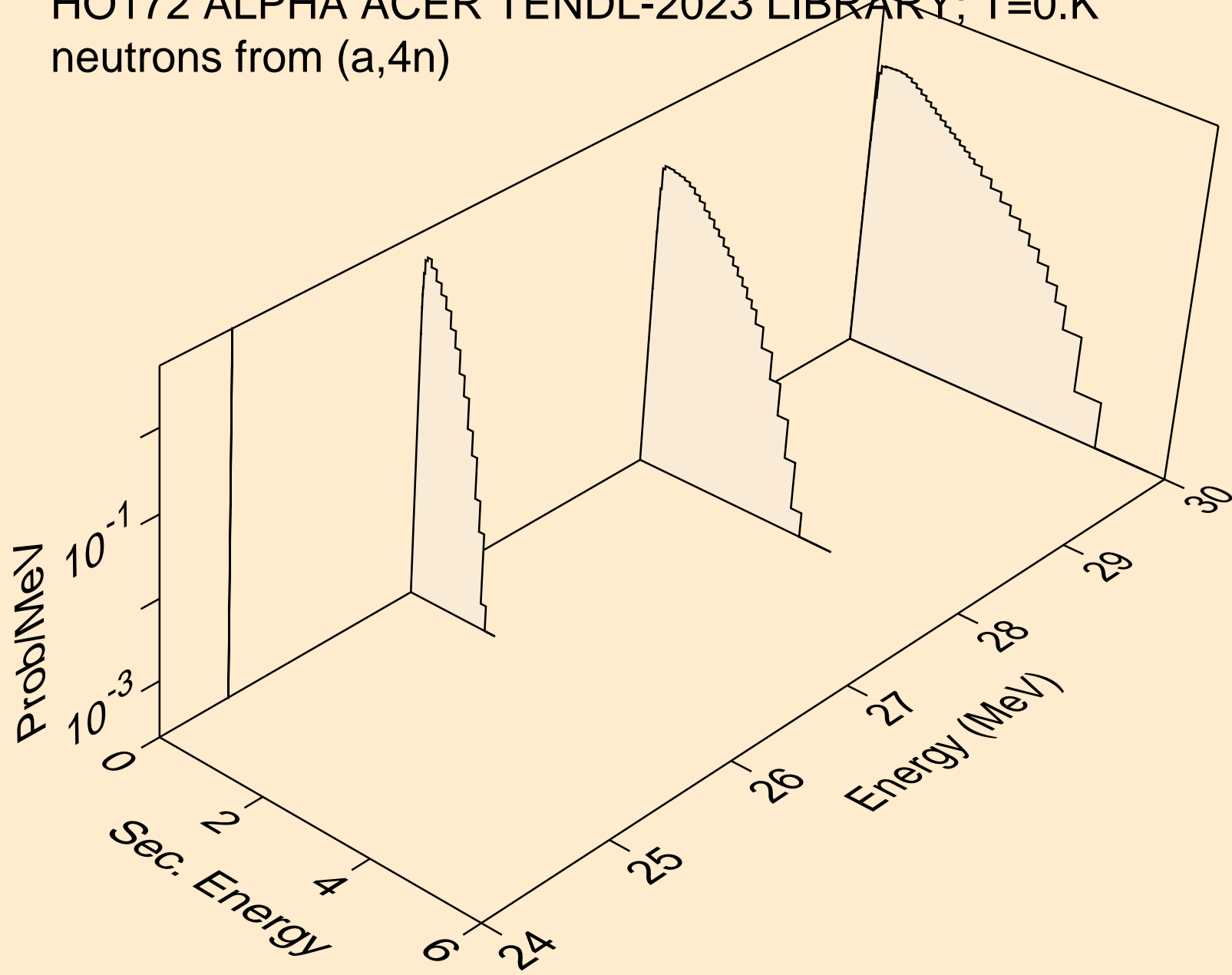
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



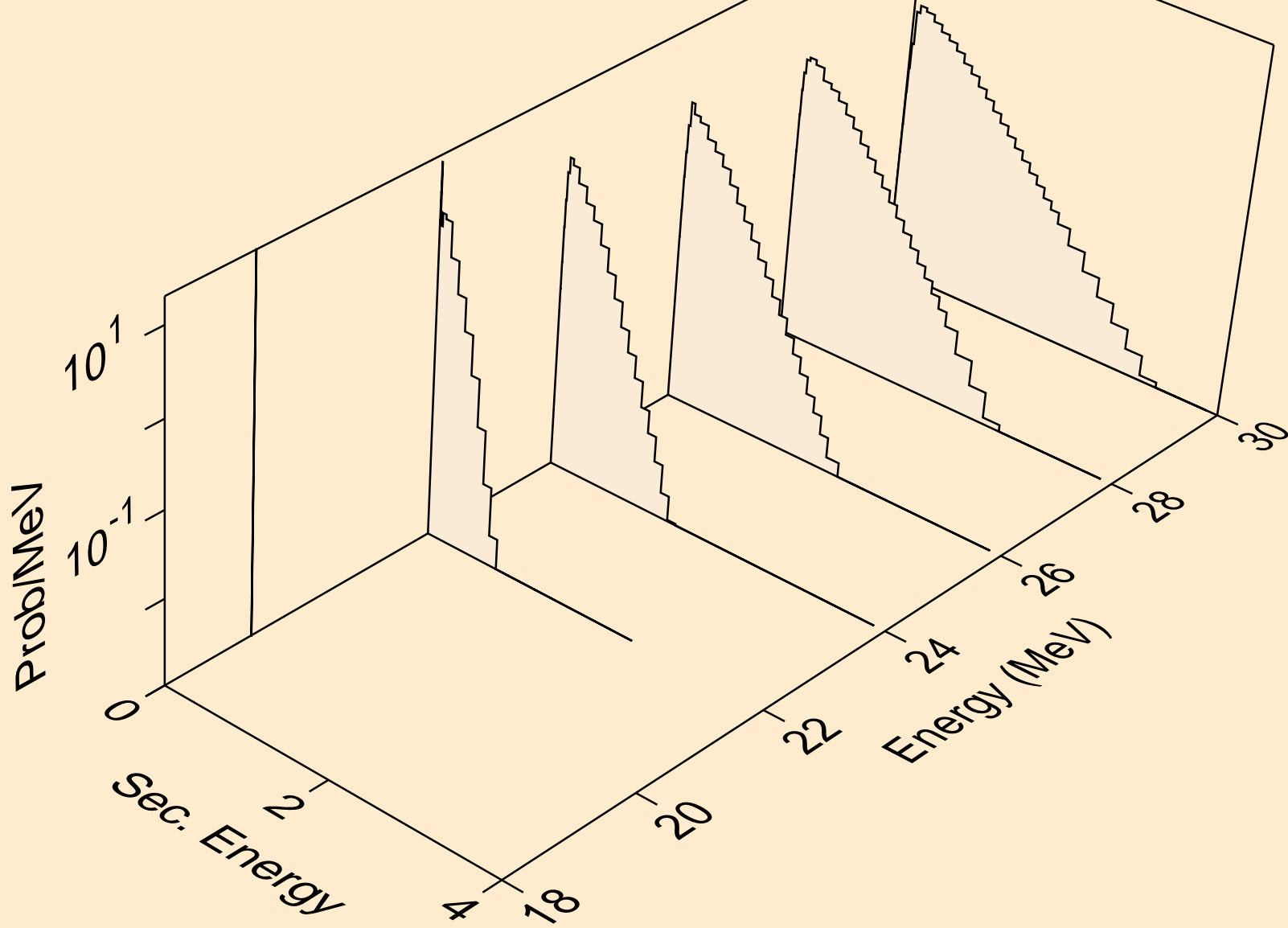
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)

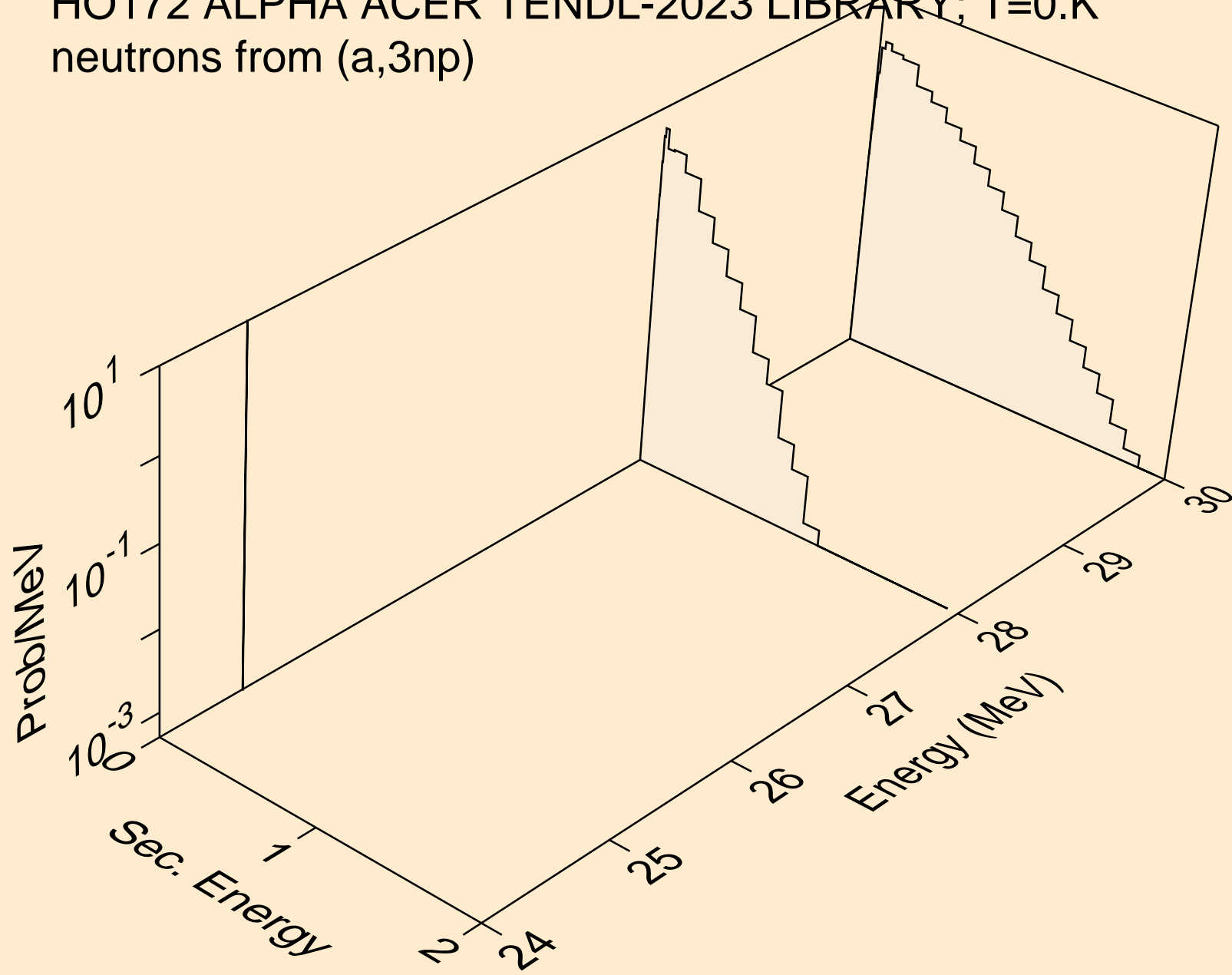


HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

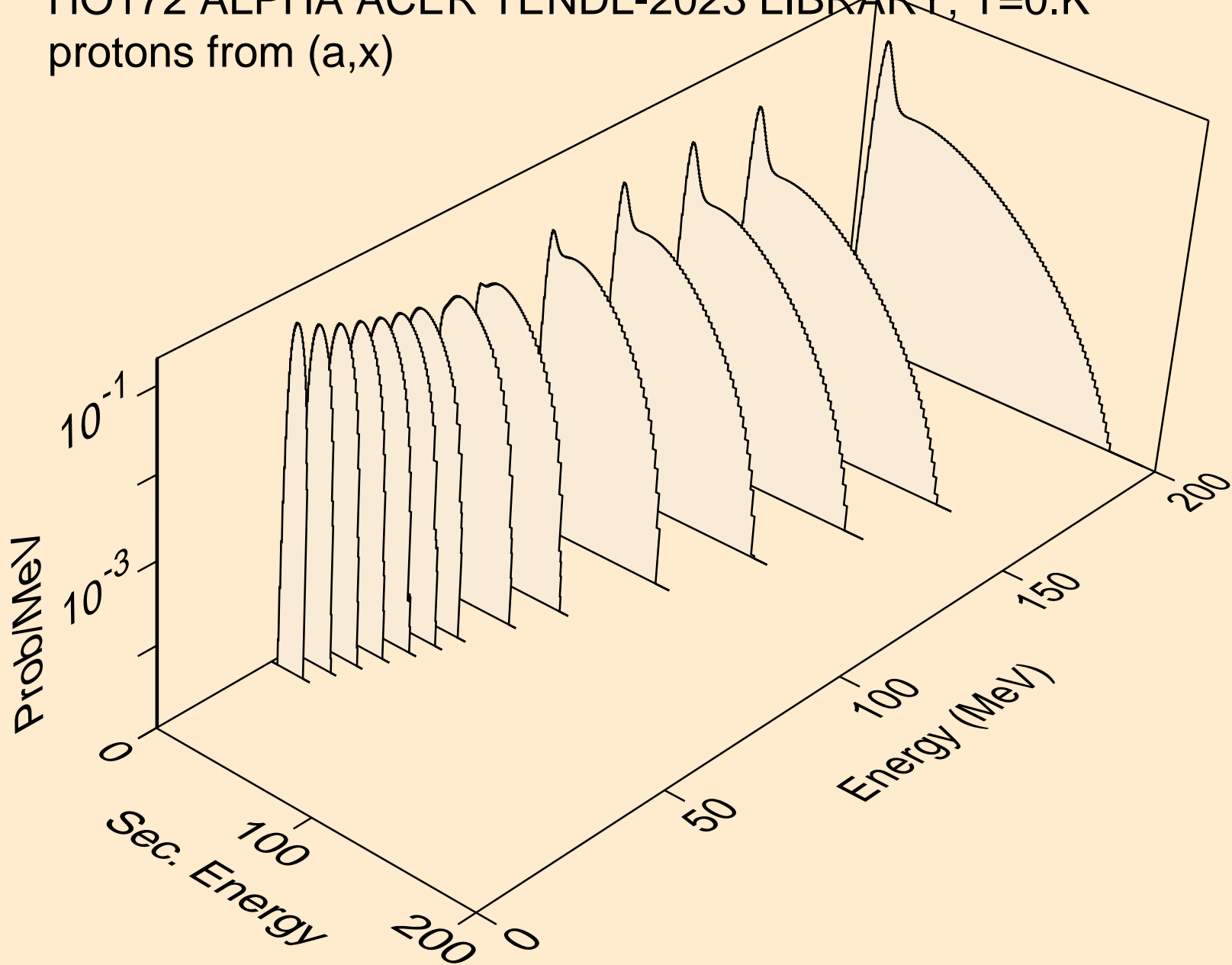




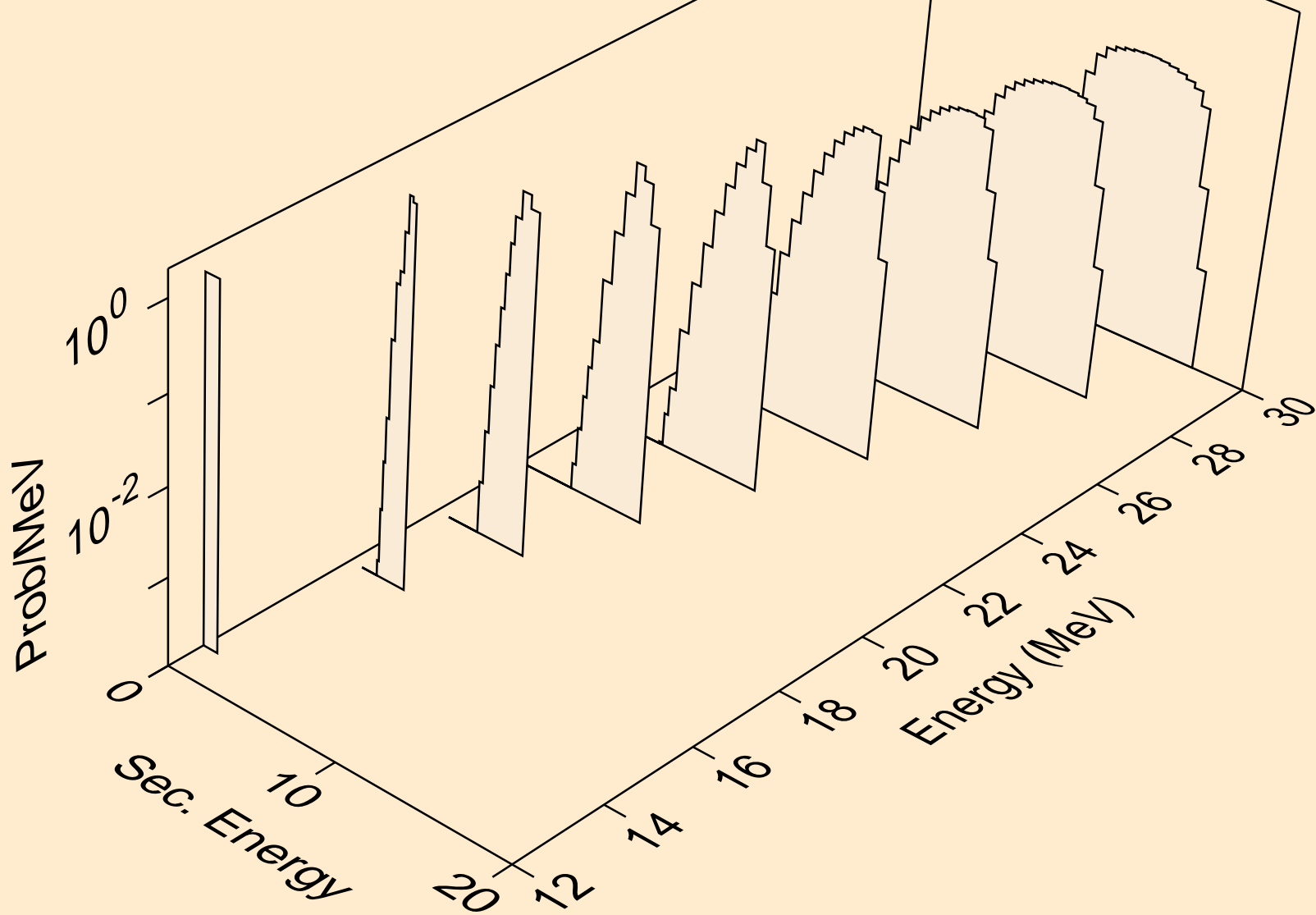
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



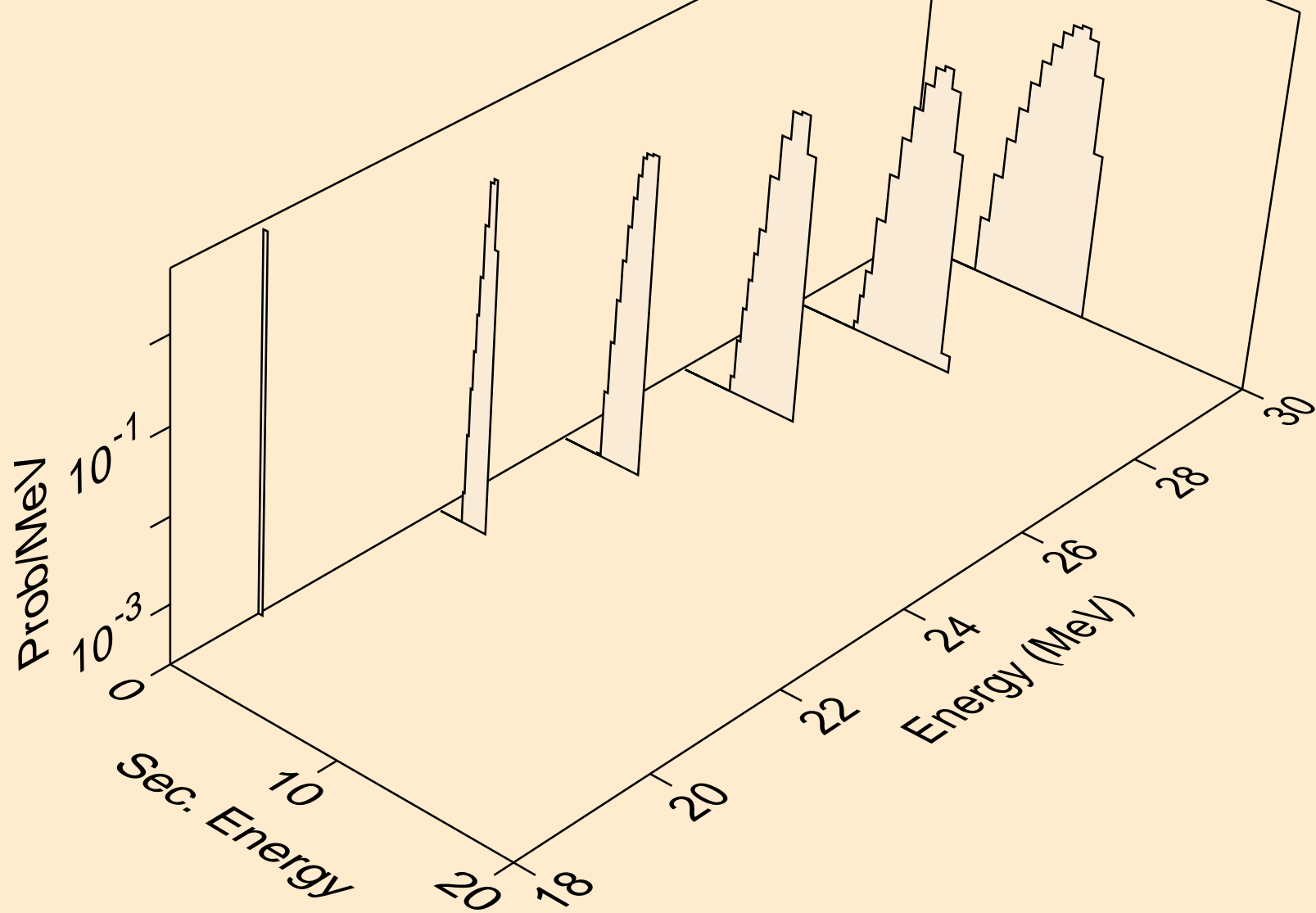
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



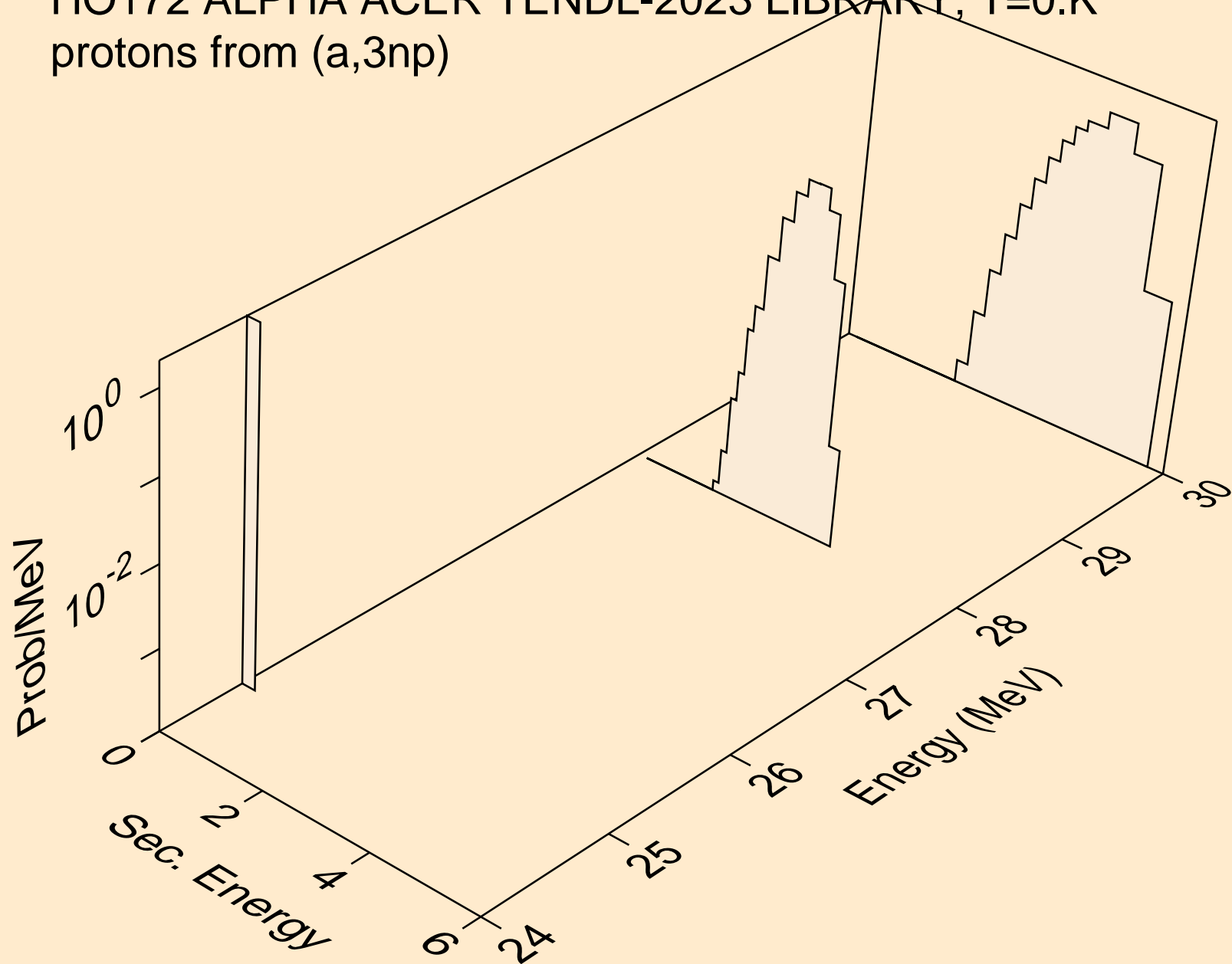
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



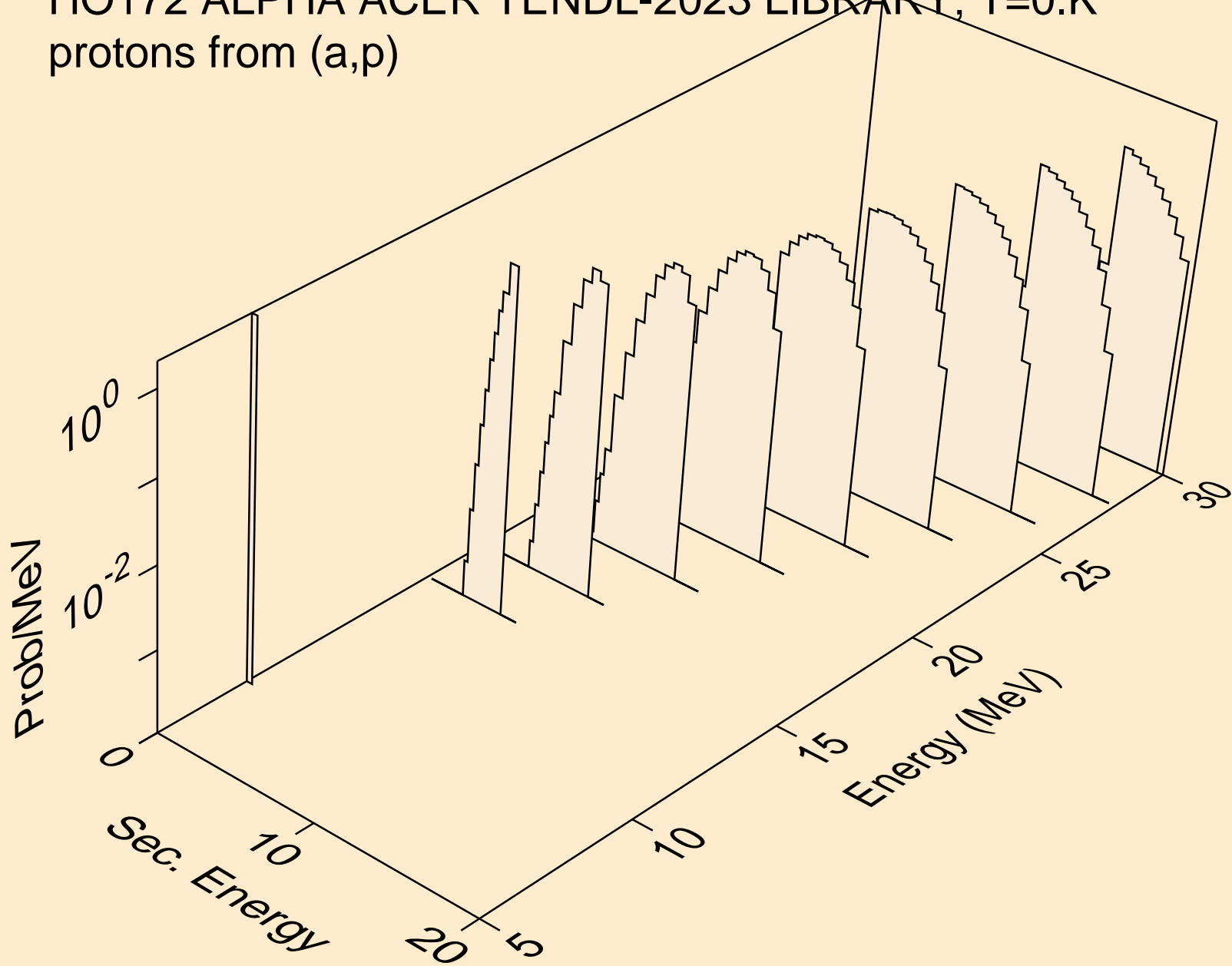
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



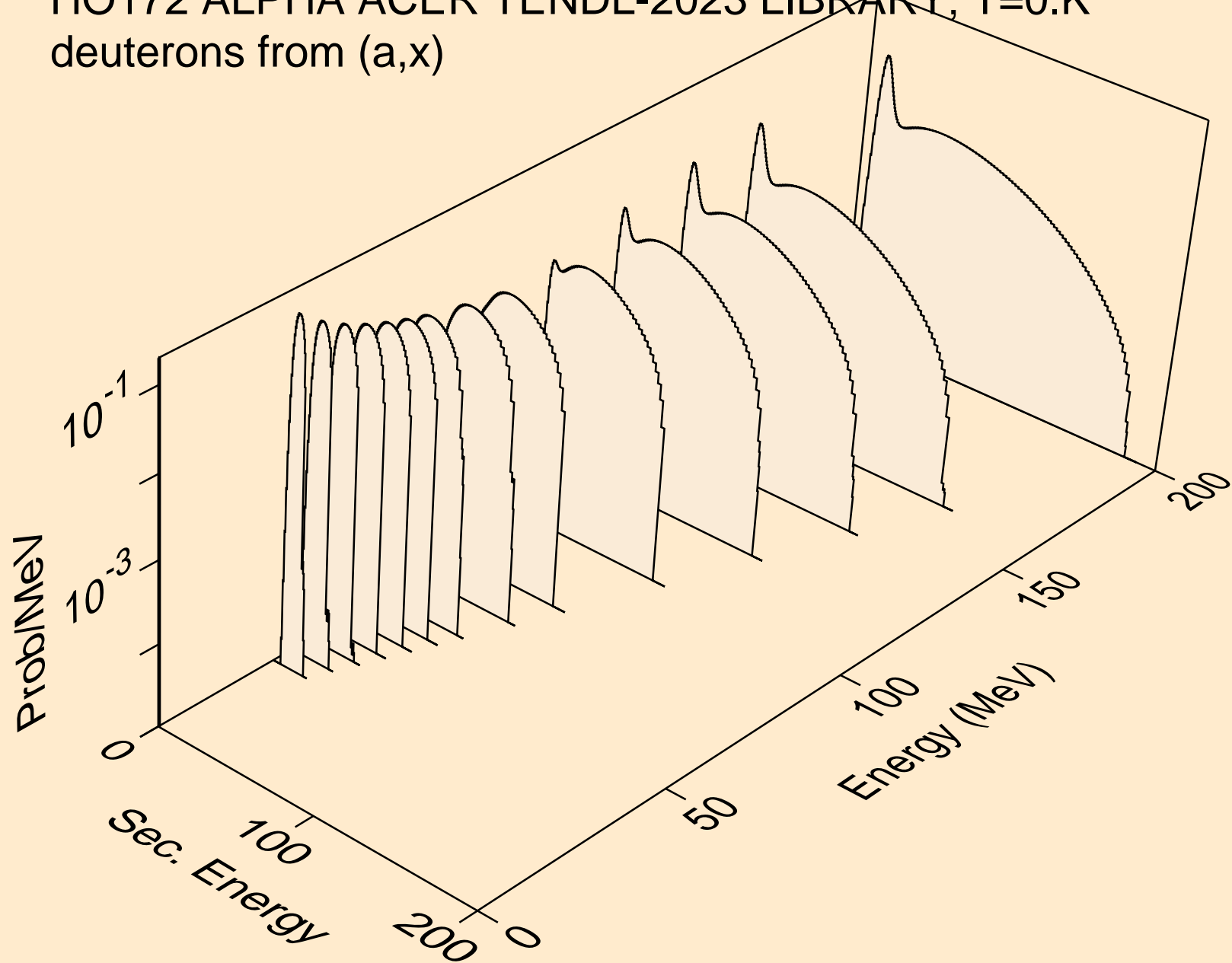
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)



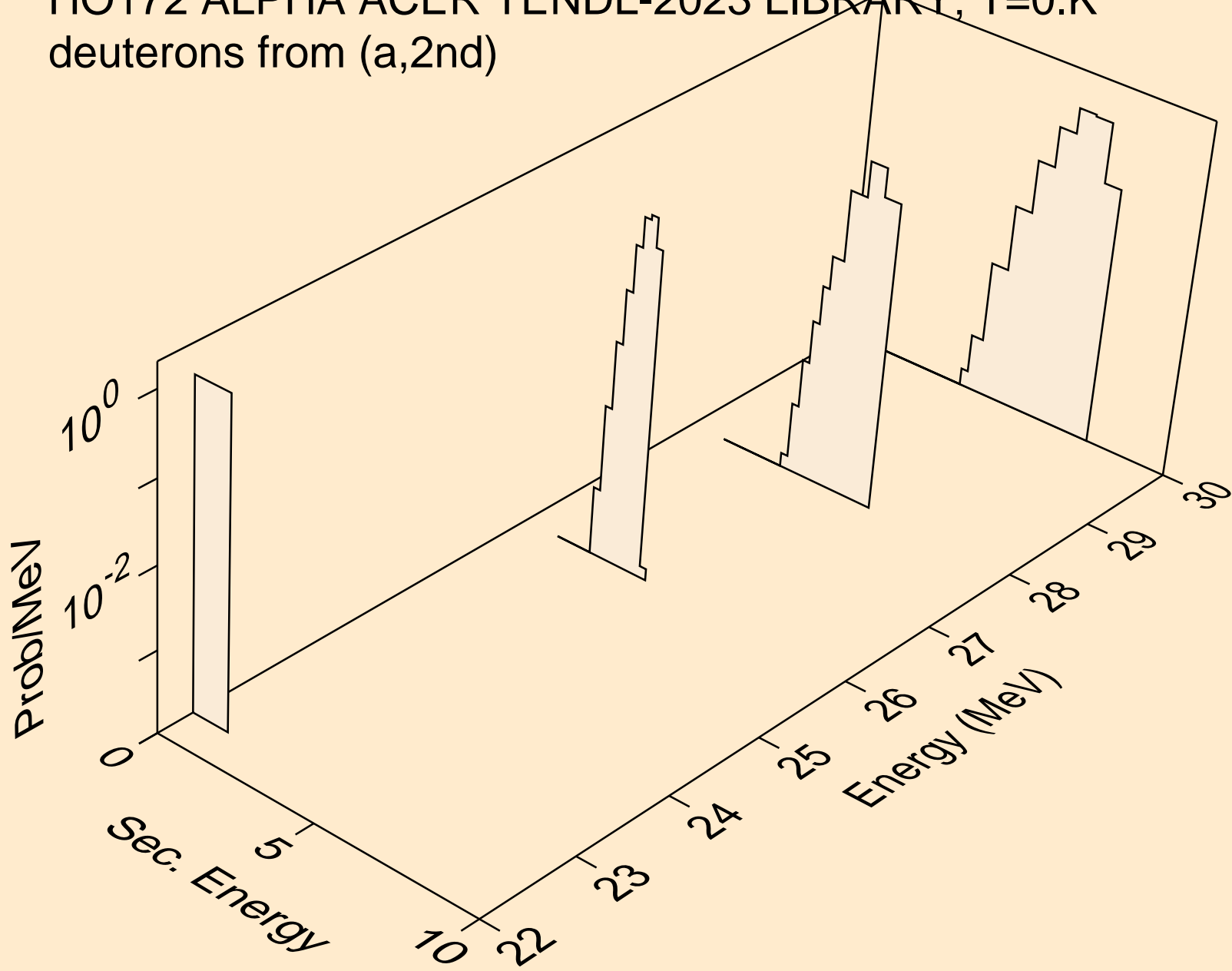
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

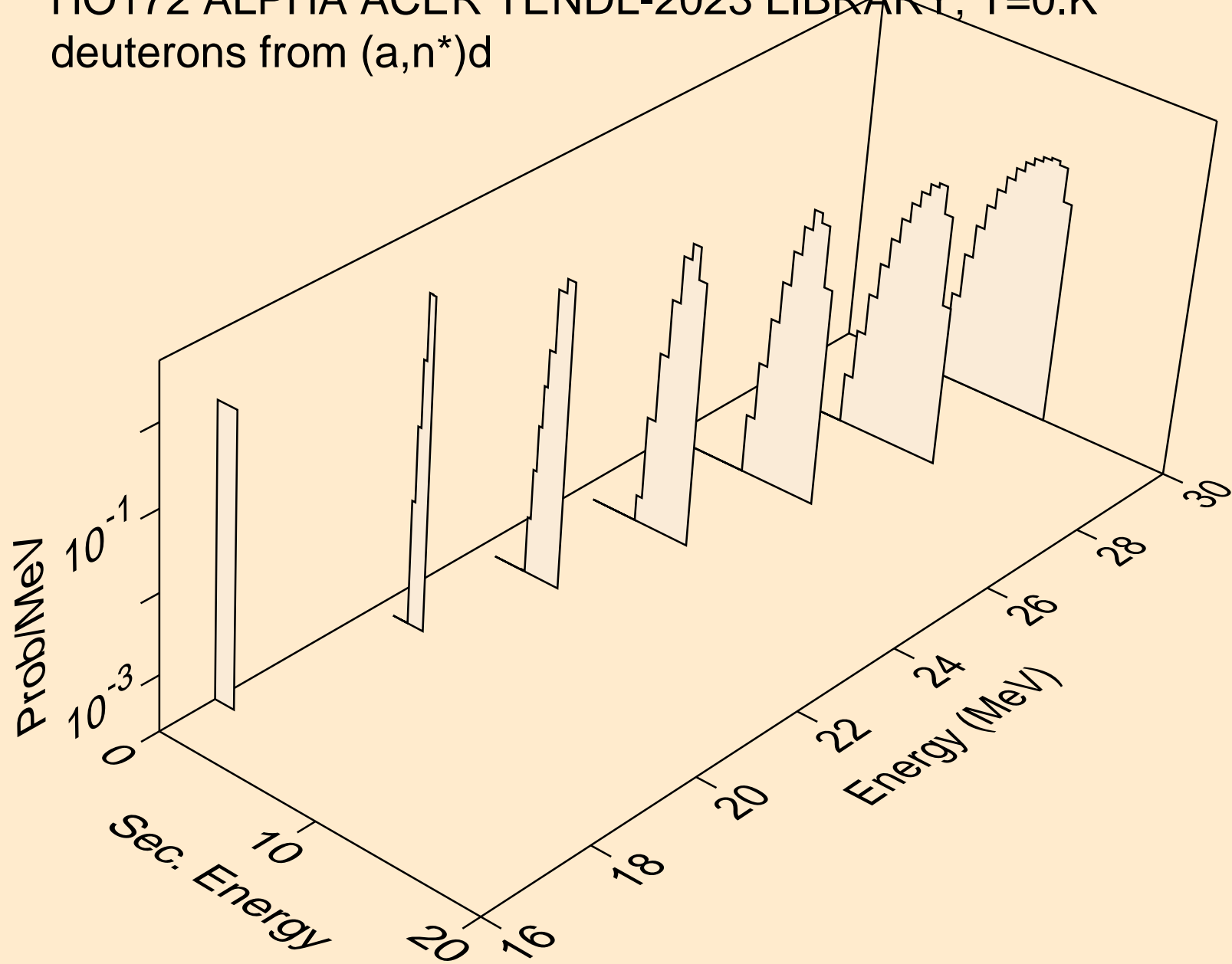


HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)

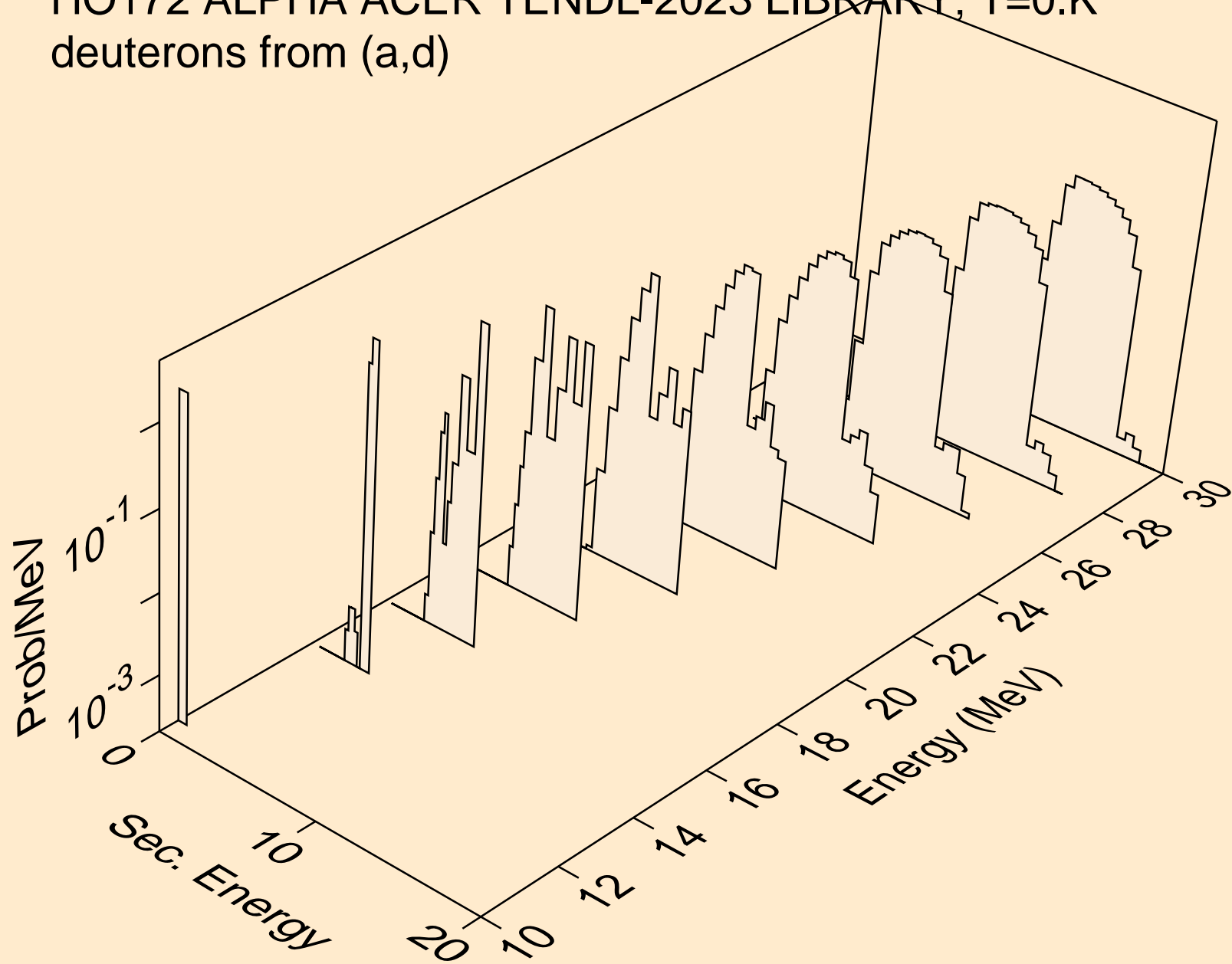




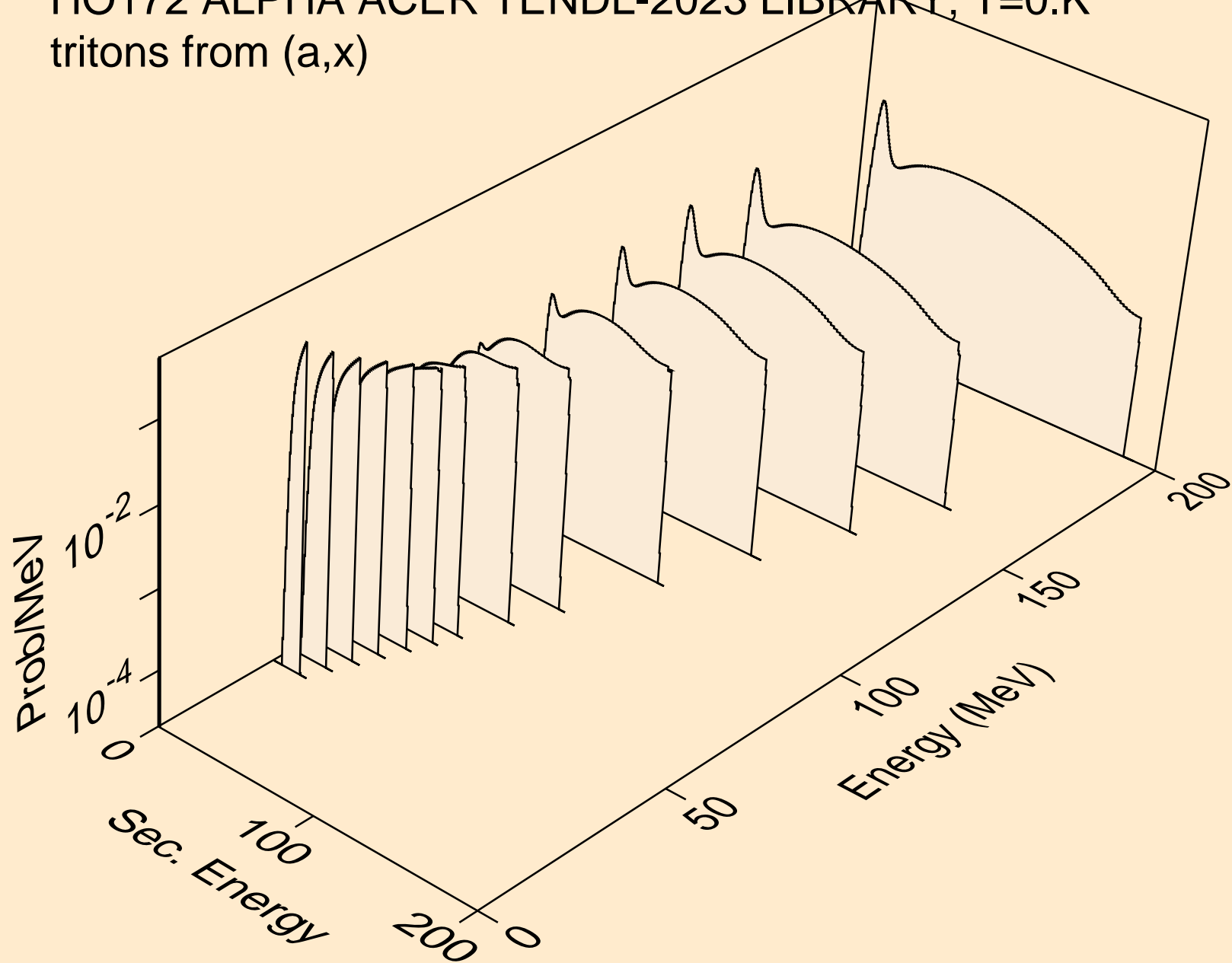
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



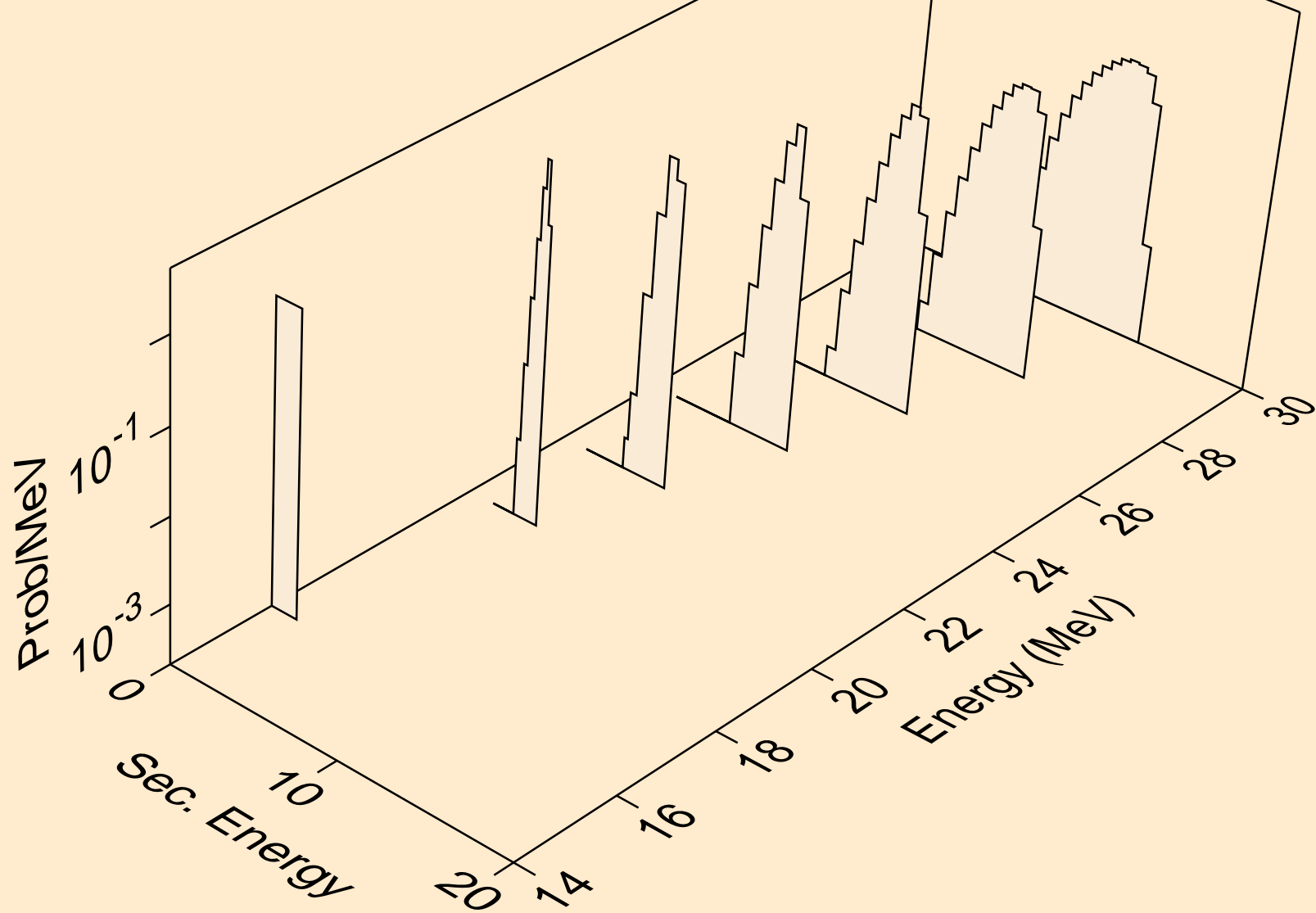
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



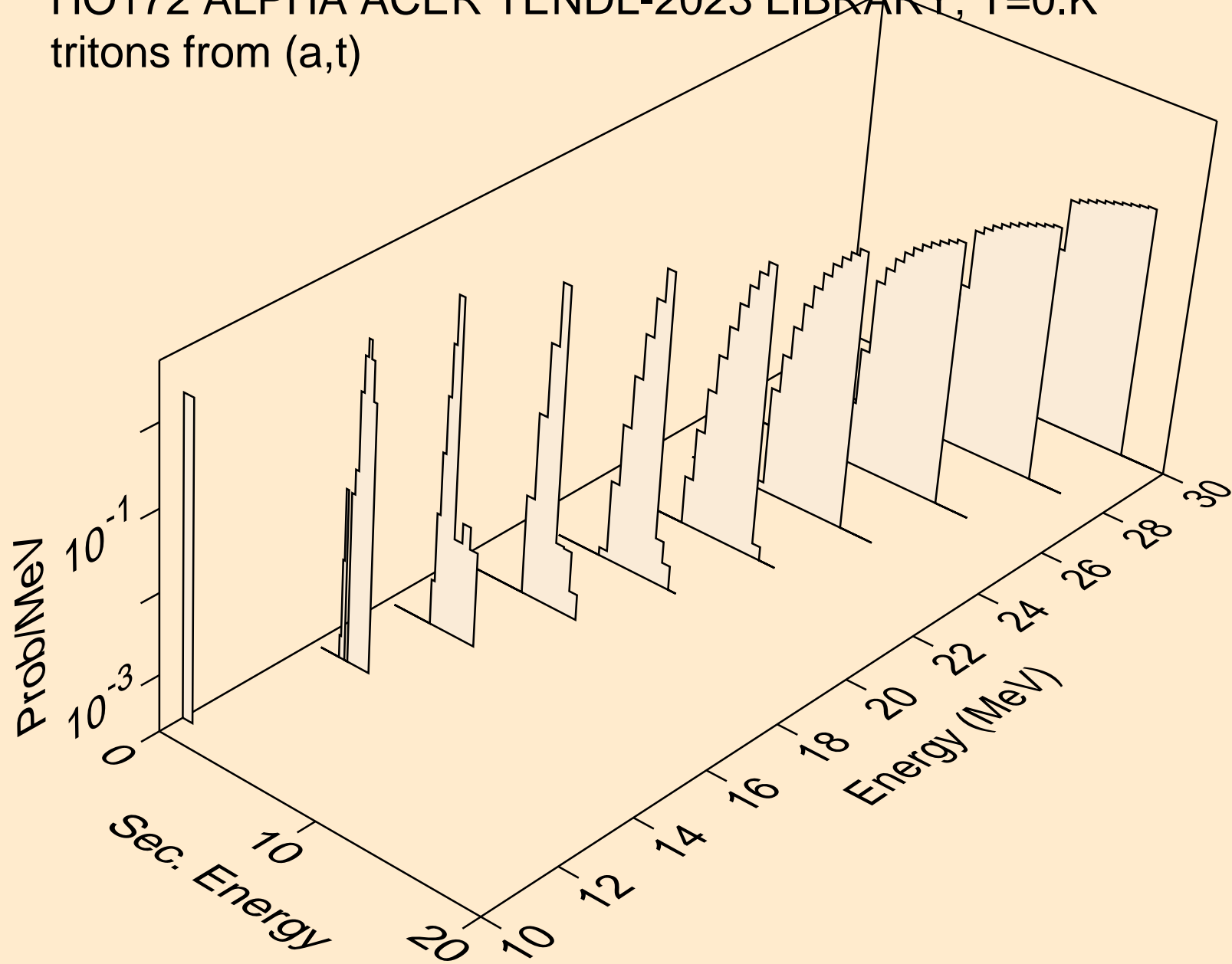
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



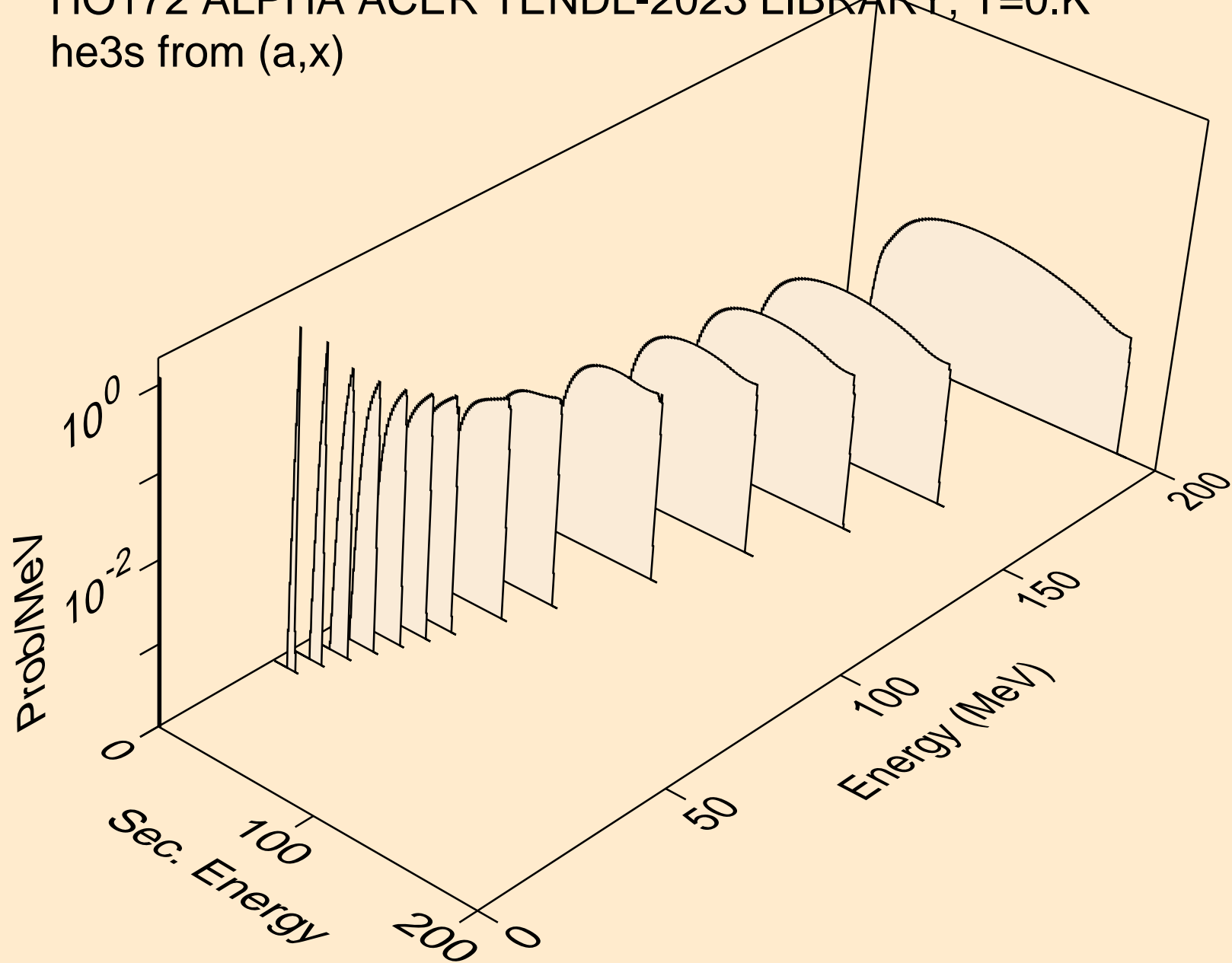
HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



HO172 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

