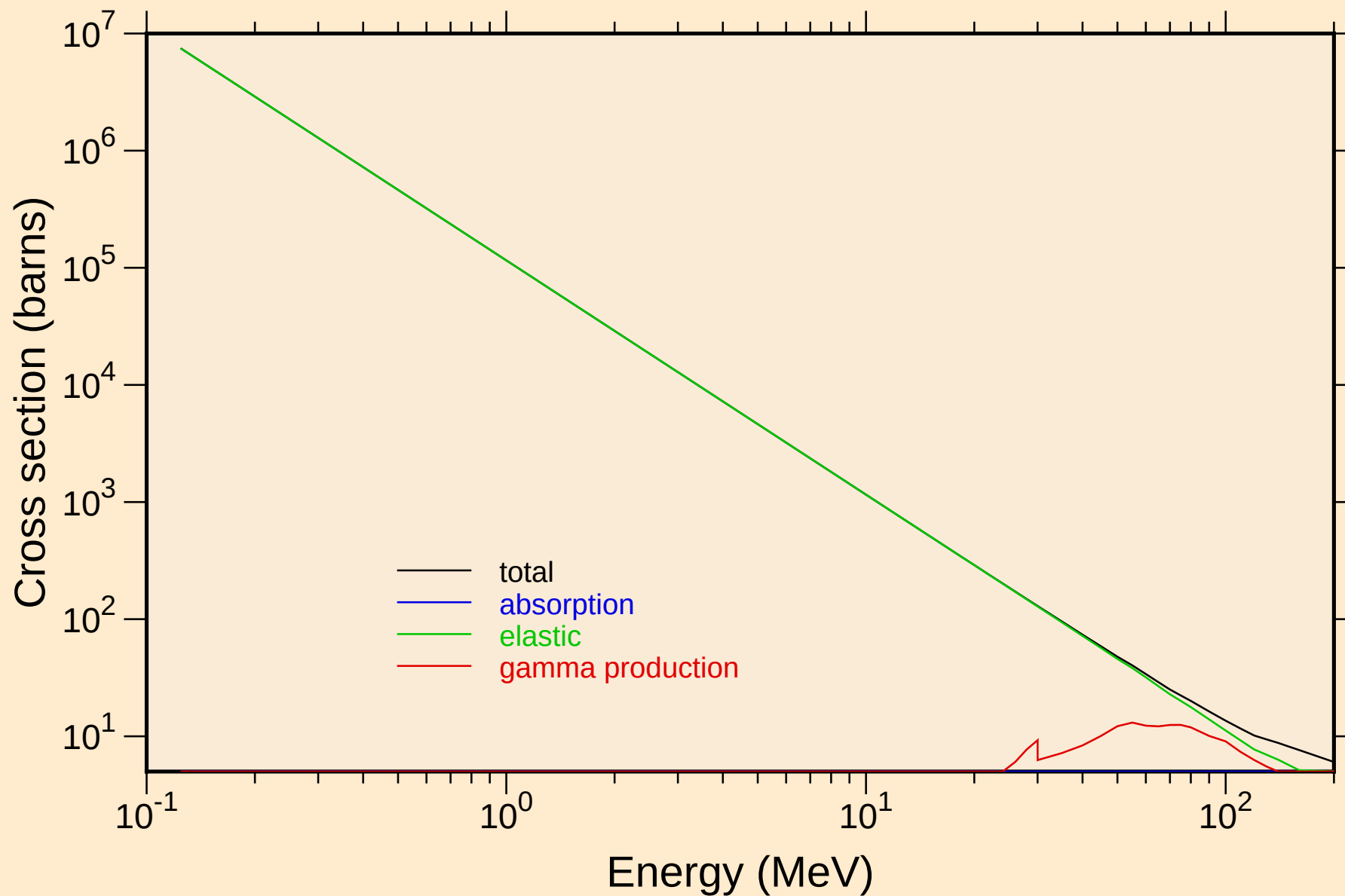


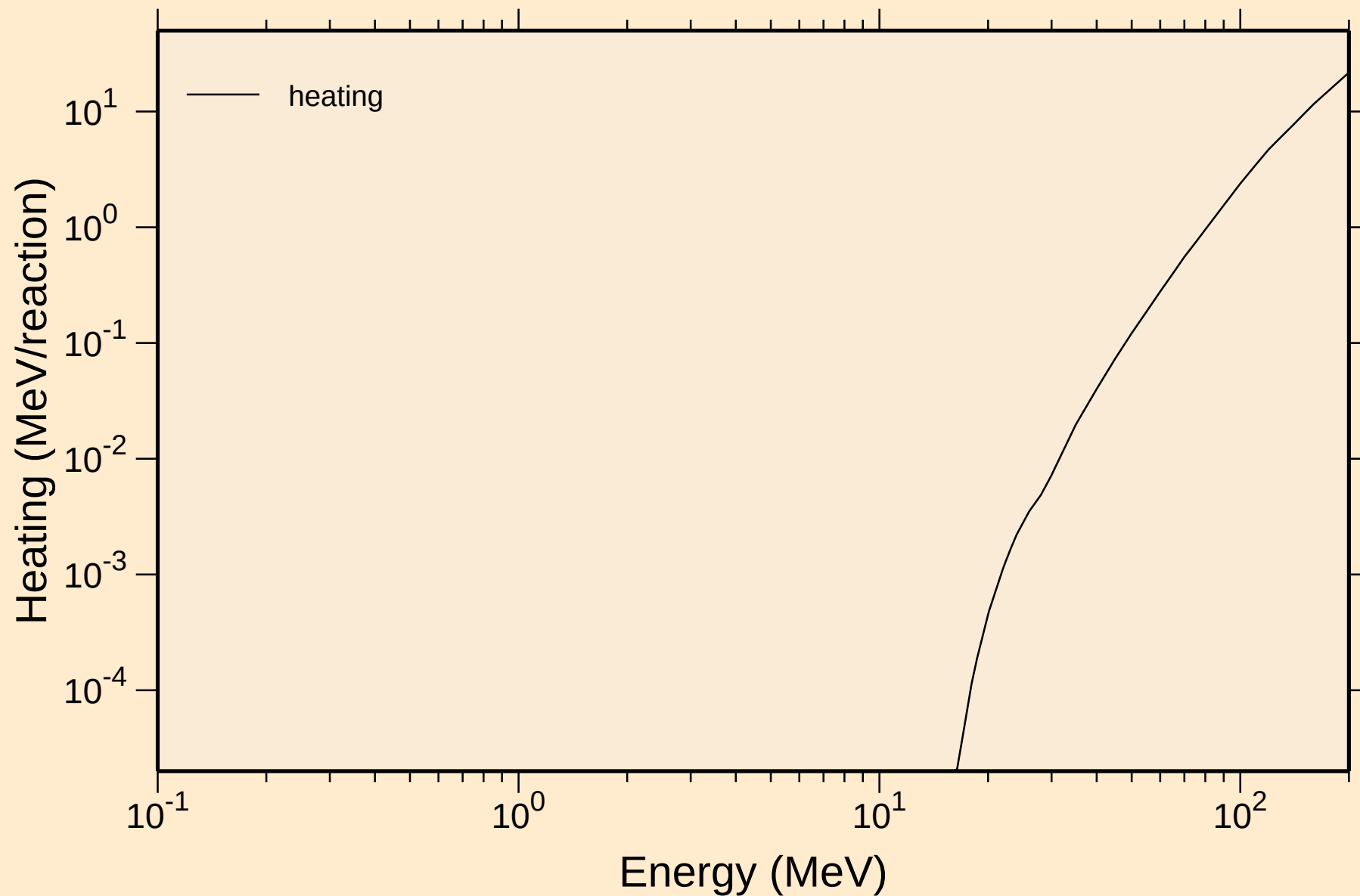
# HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



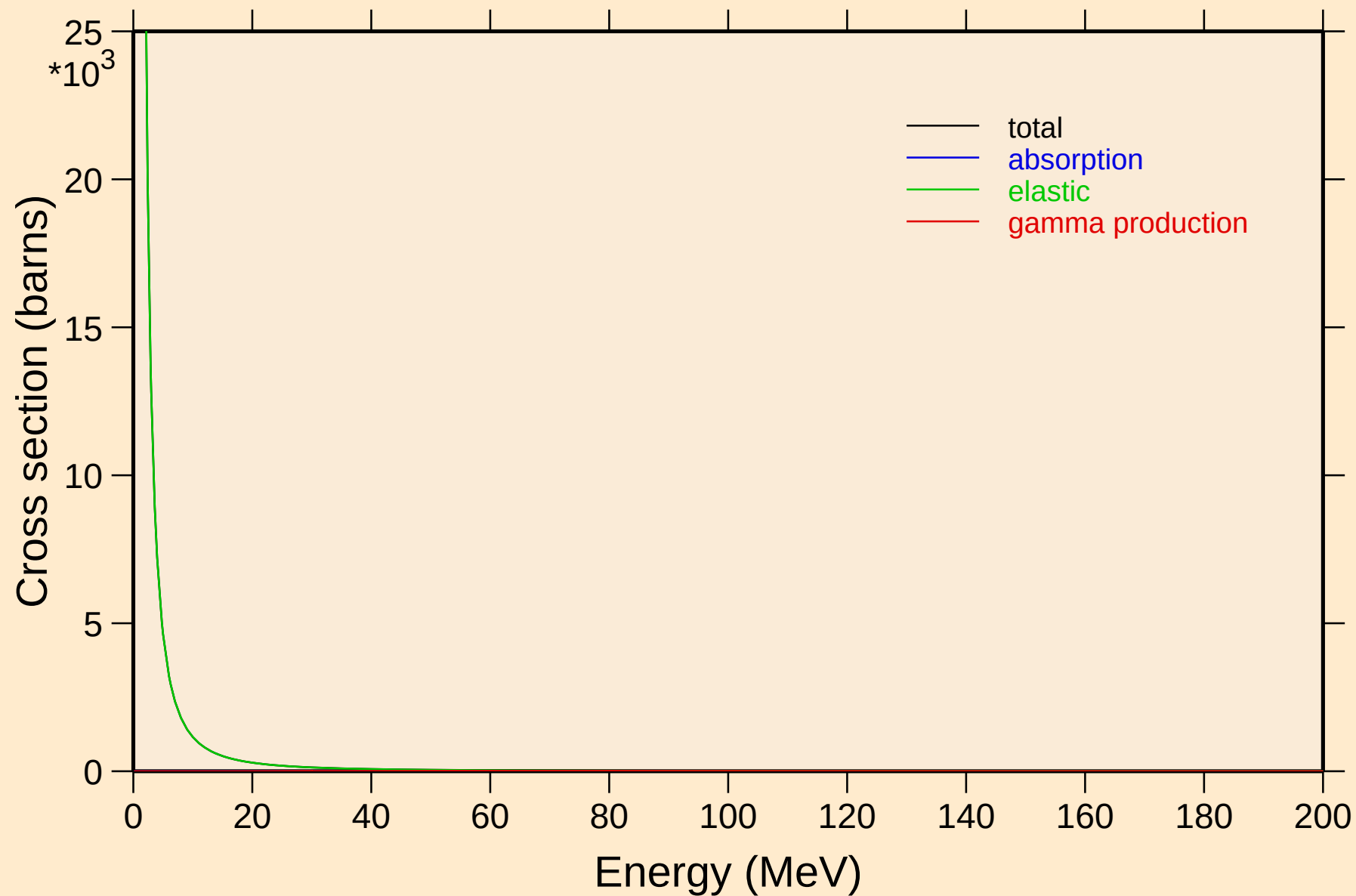
# HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



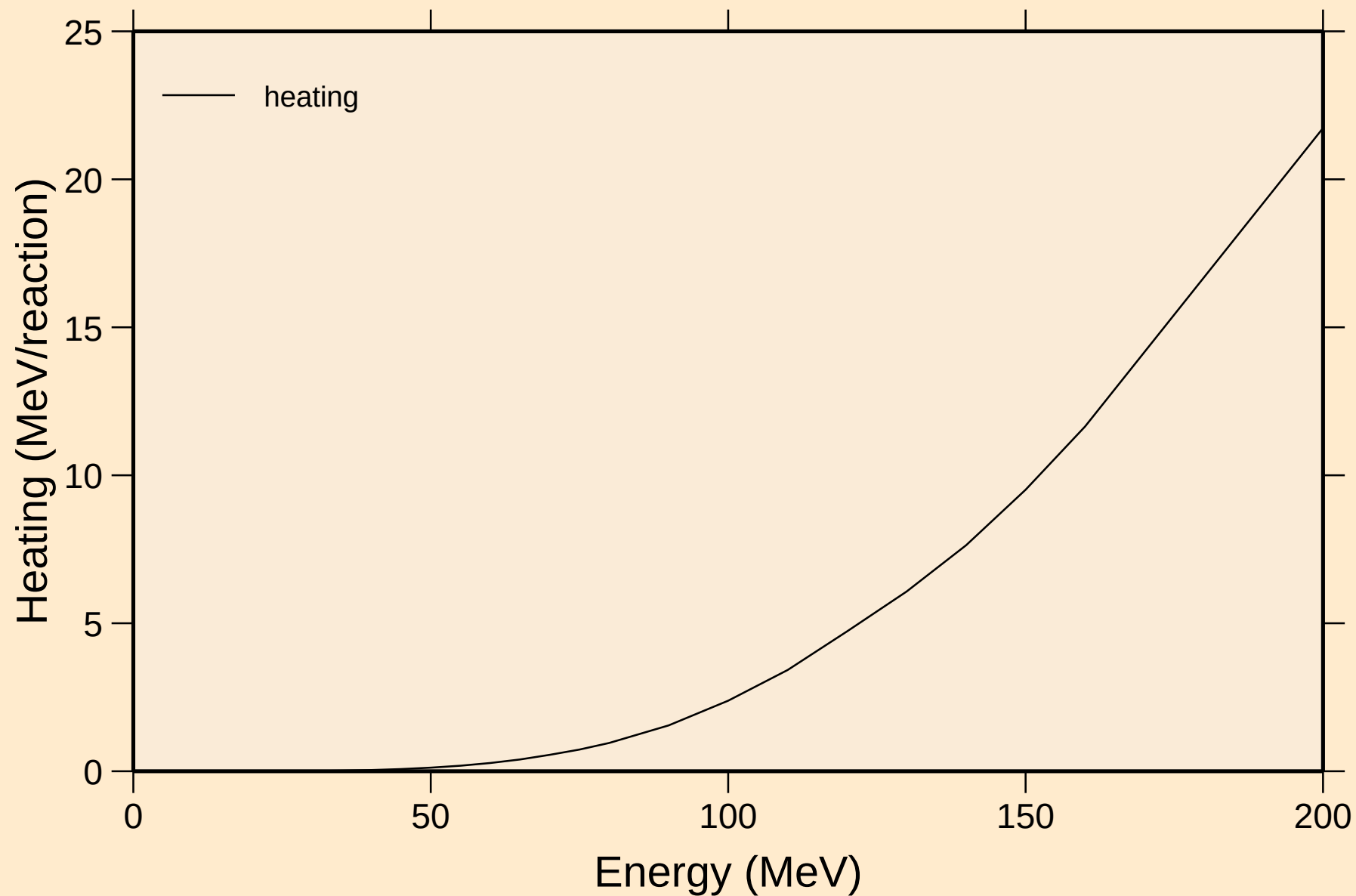
# HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



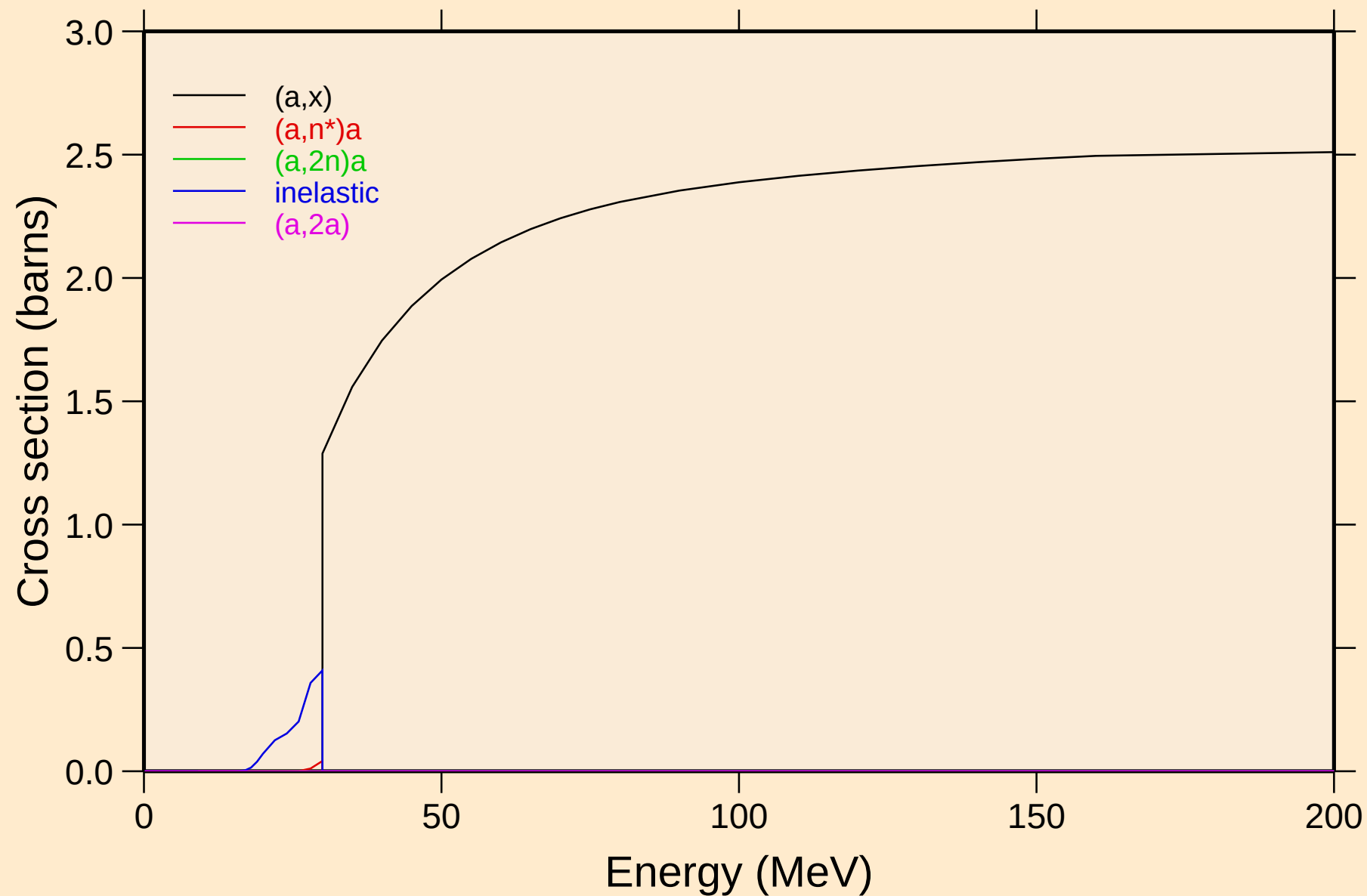
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



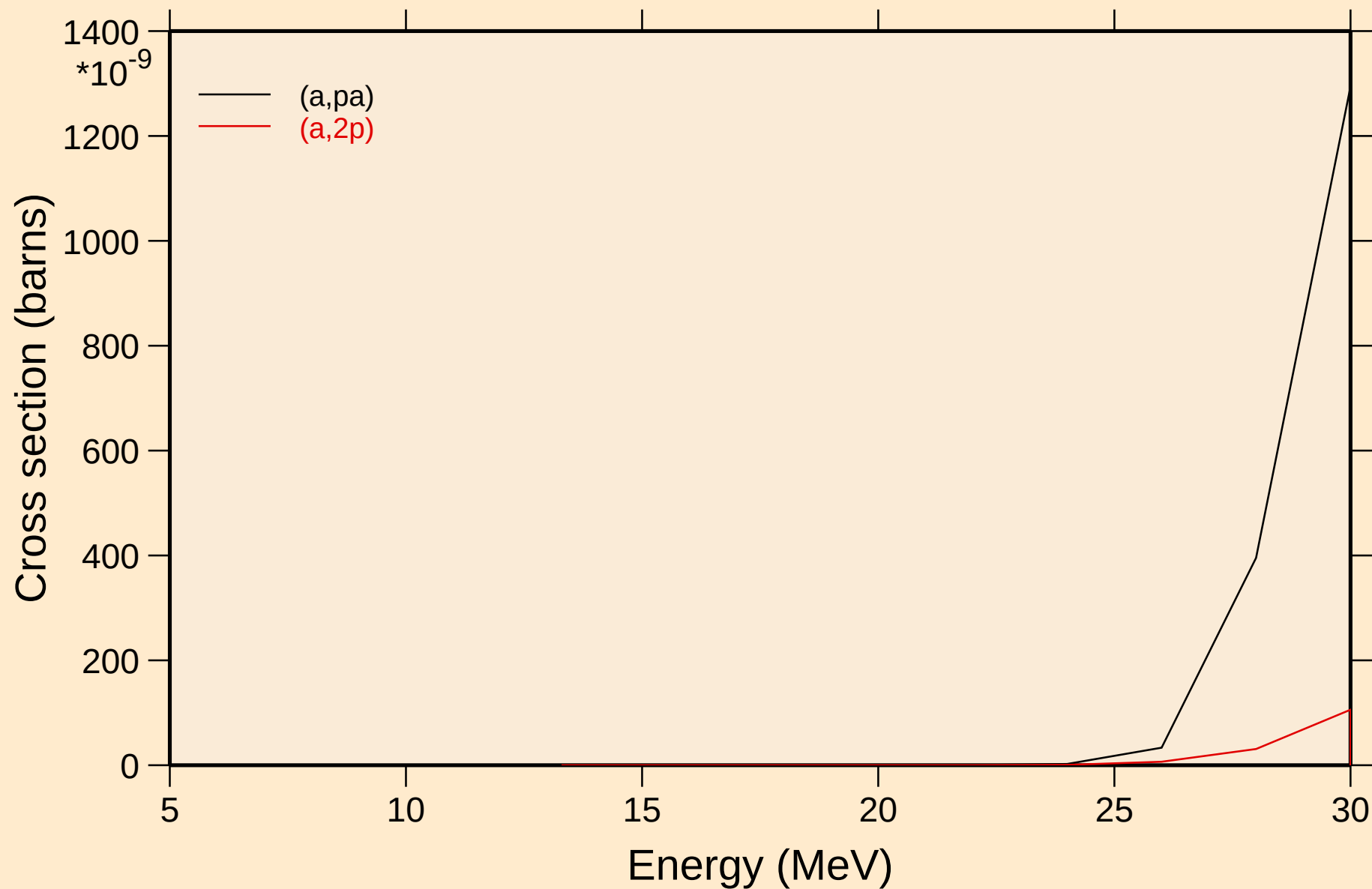
# HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



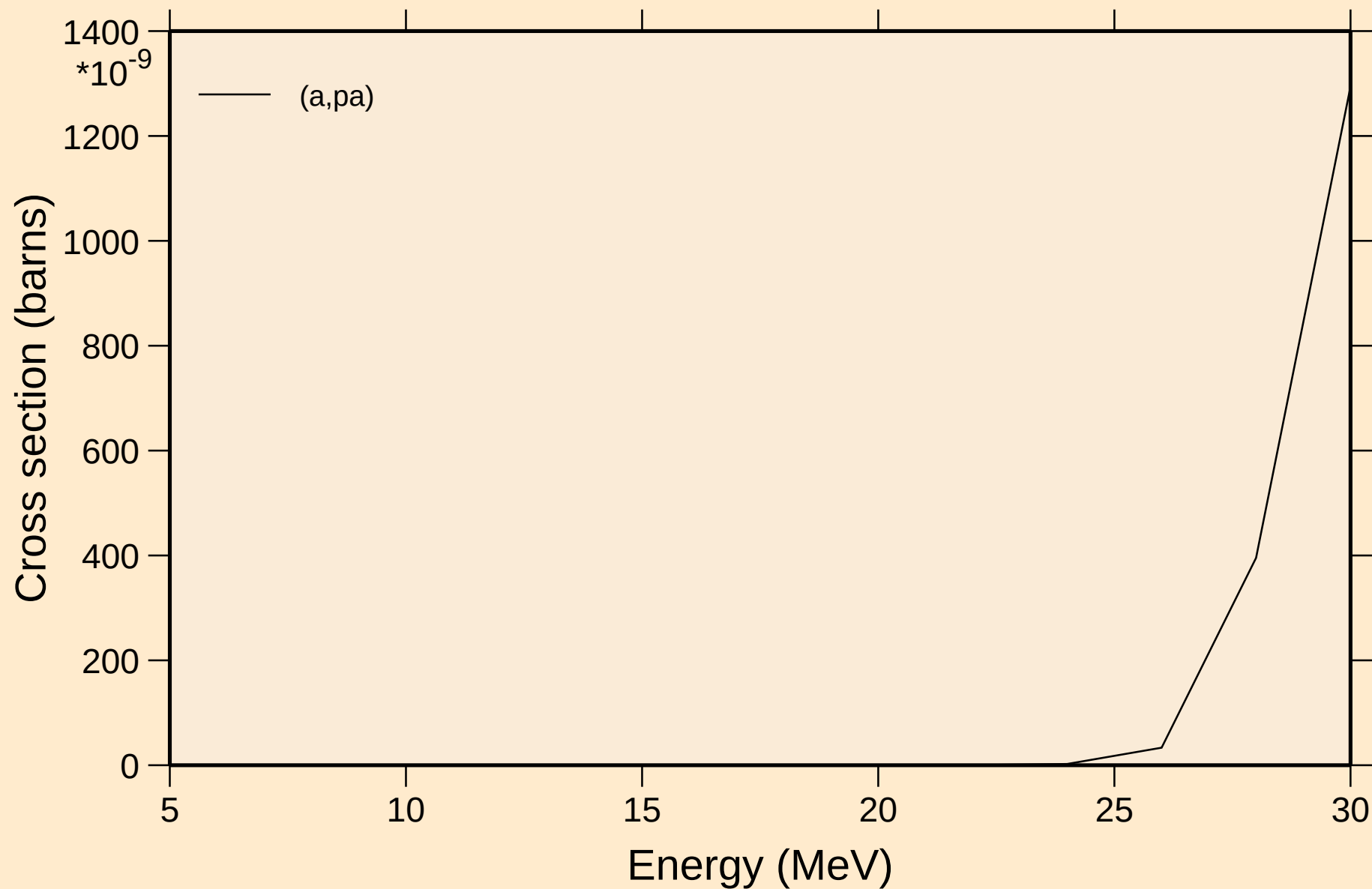
# HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

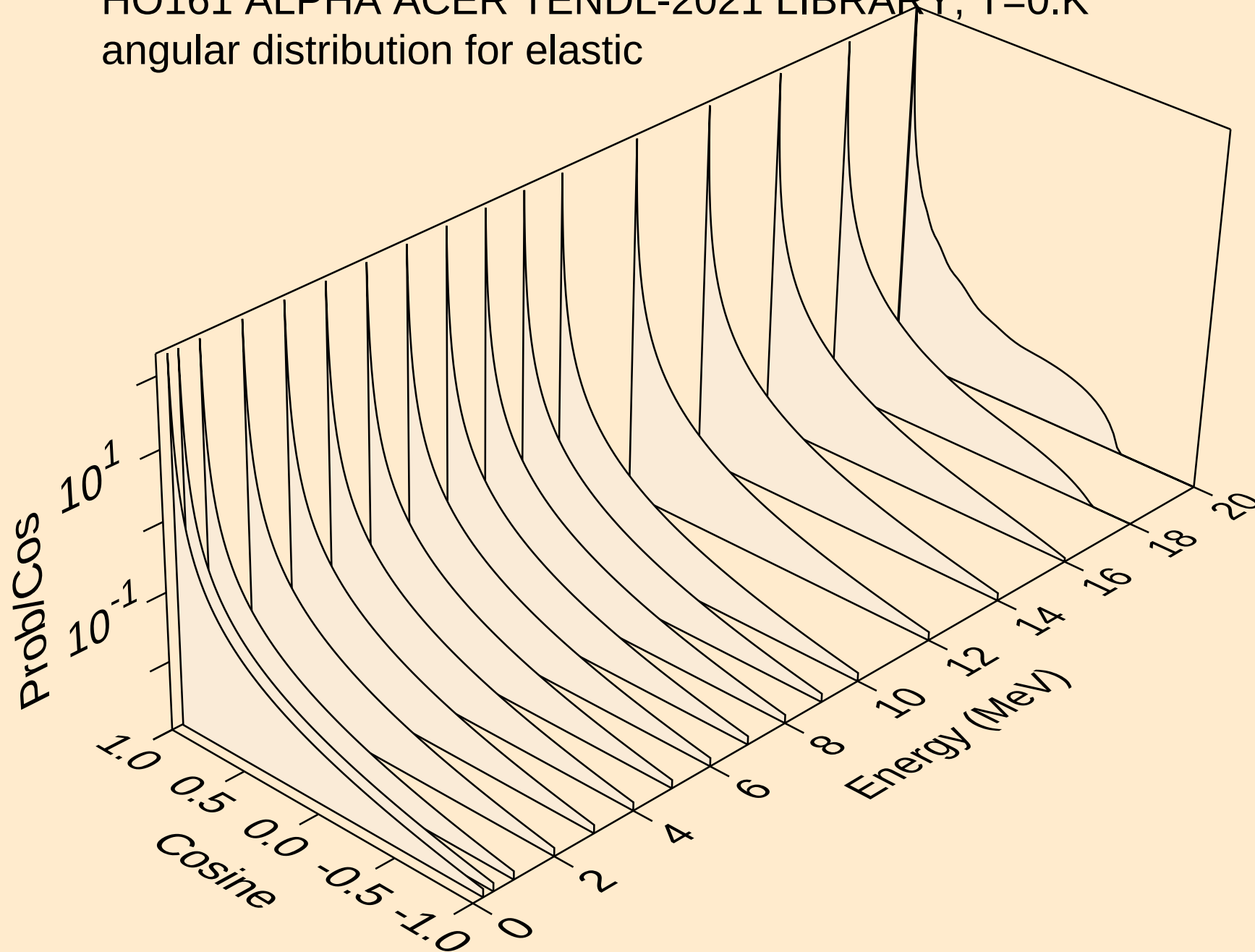


# HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

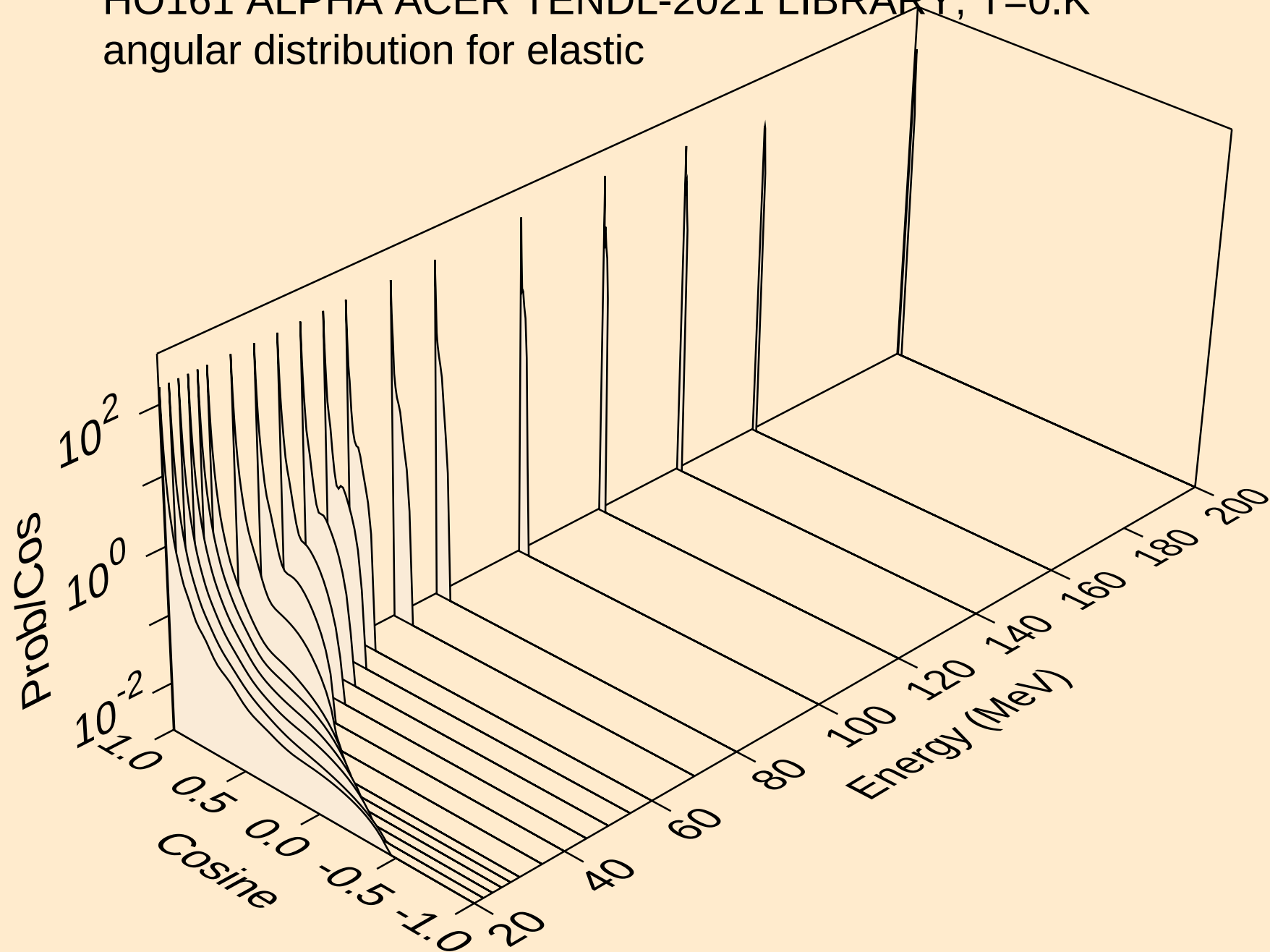


HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



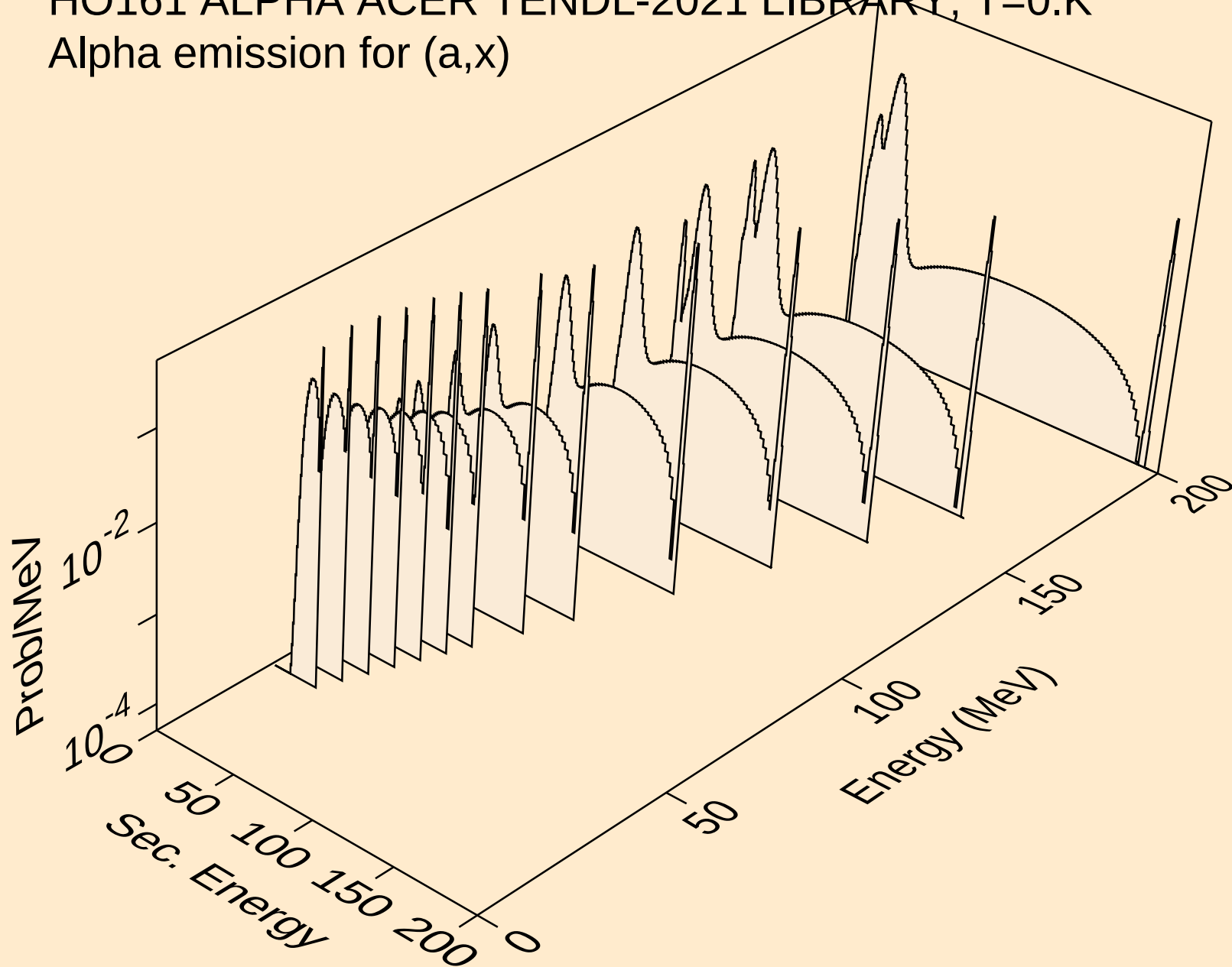


HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



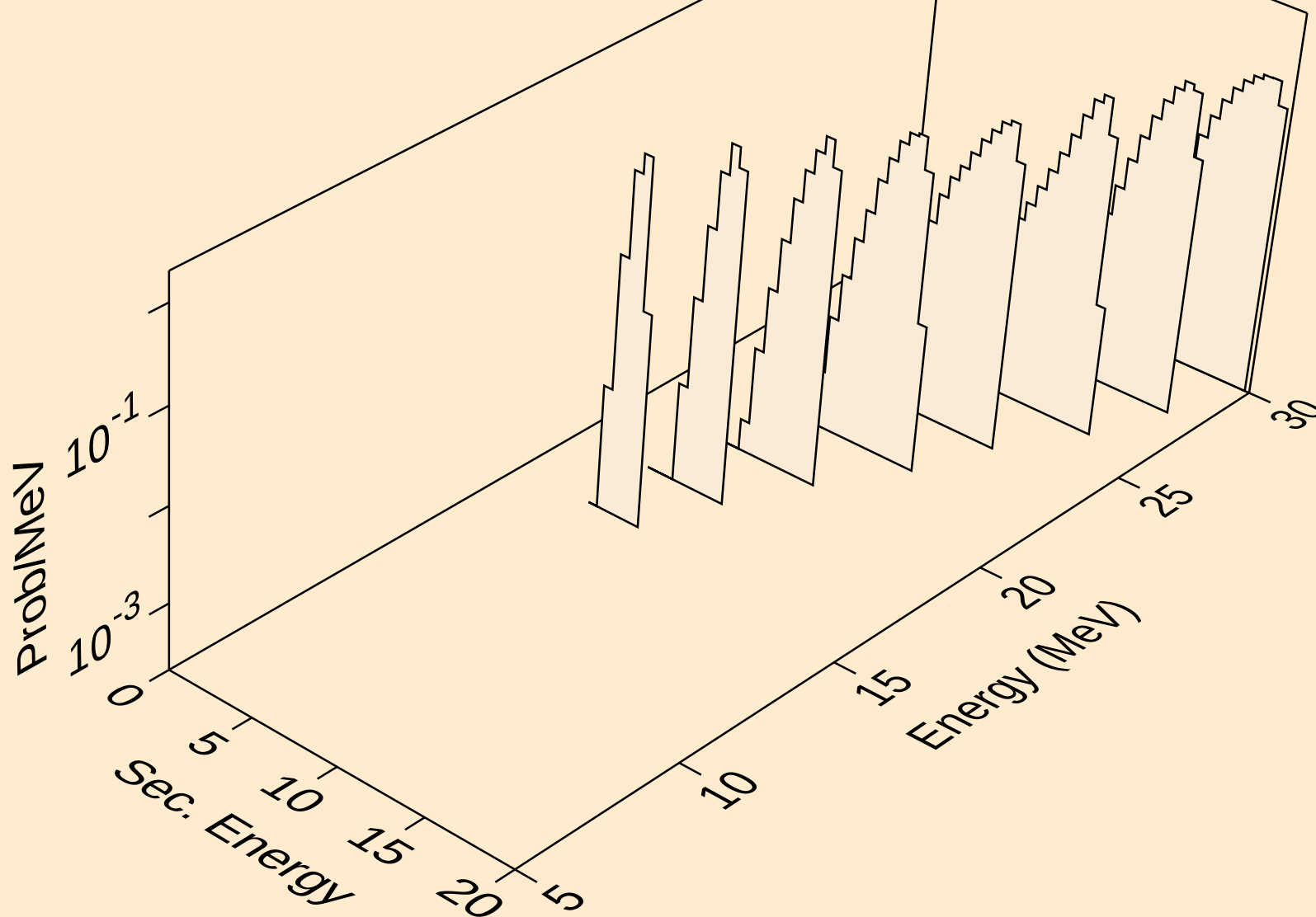
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)



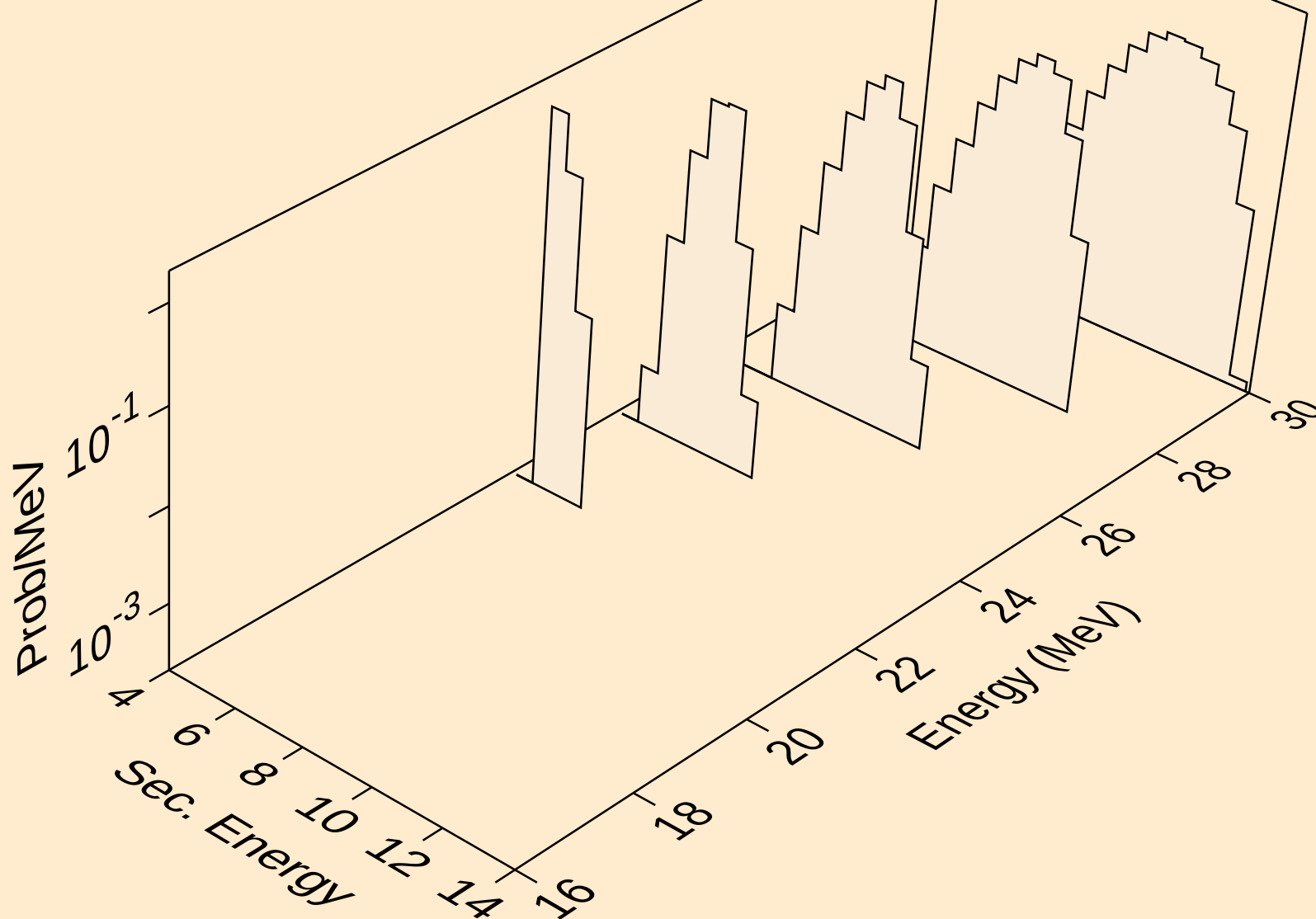
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n\*)a

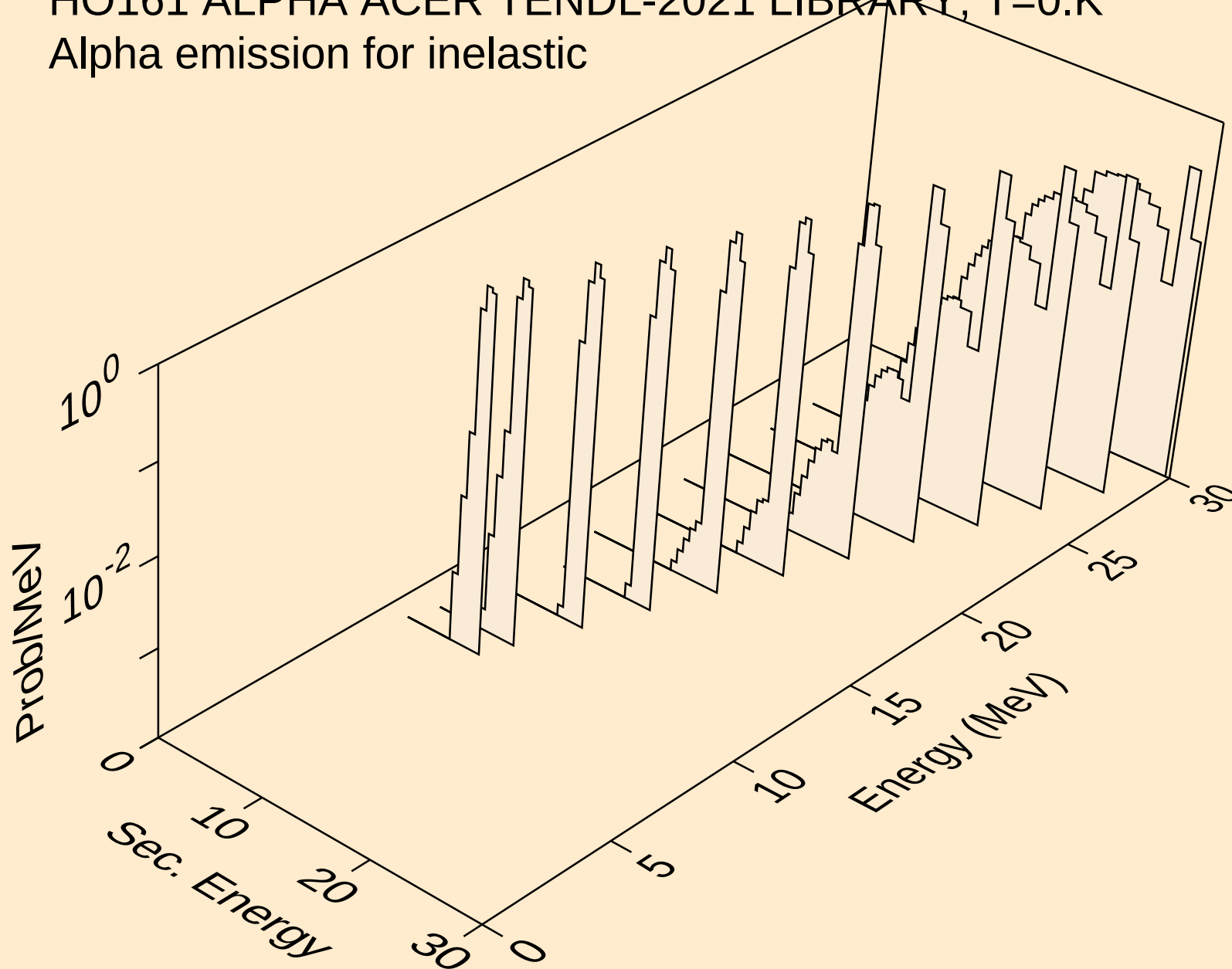


HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

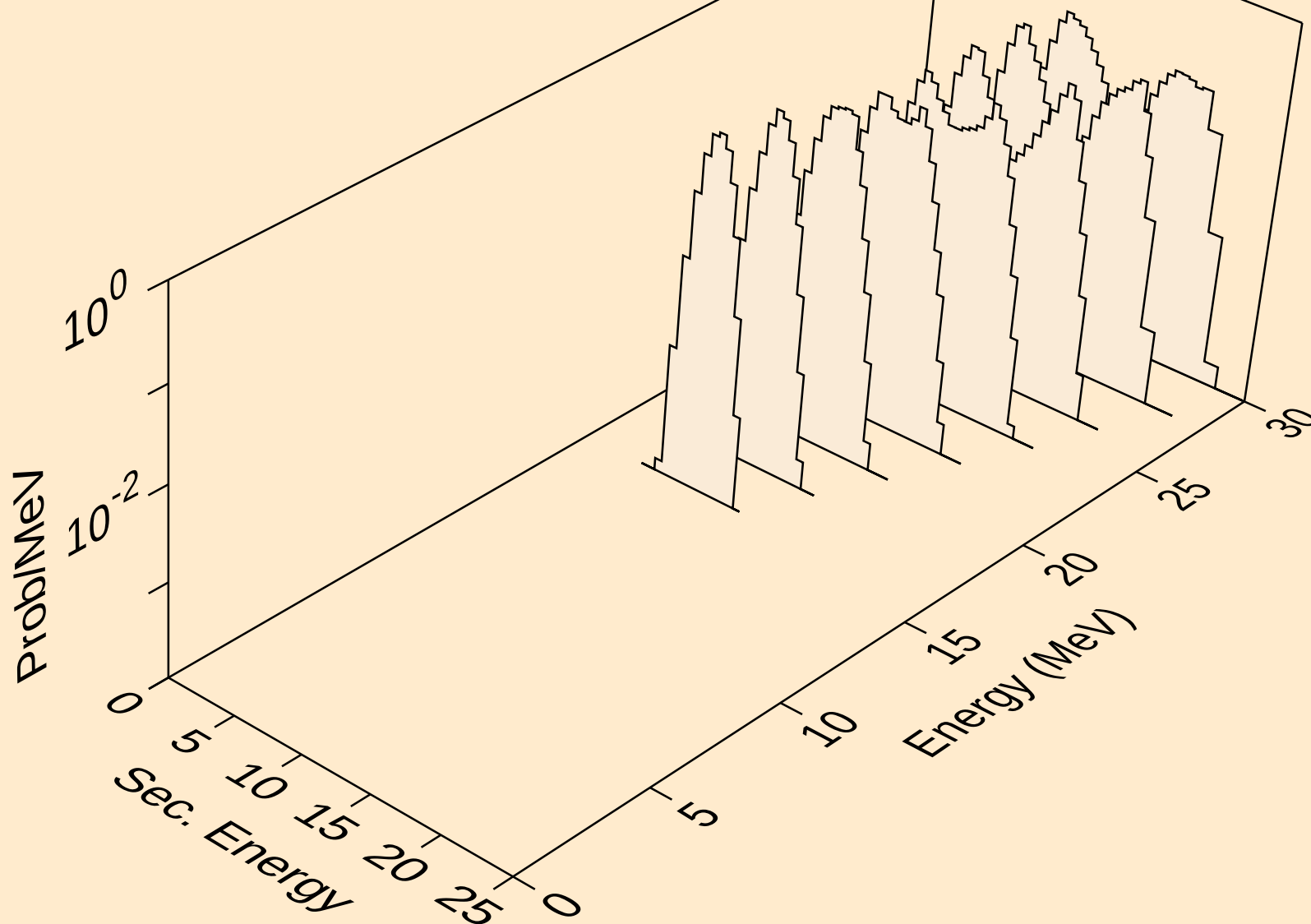
Alpha emission for (a,2n)a



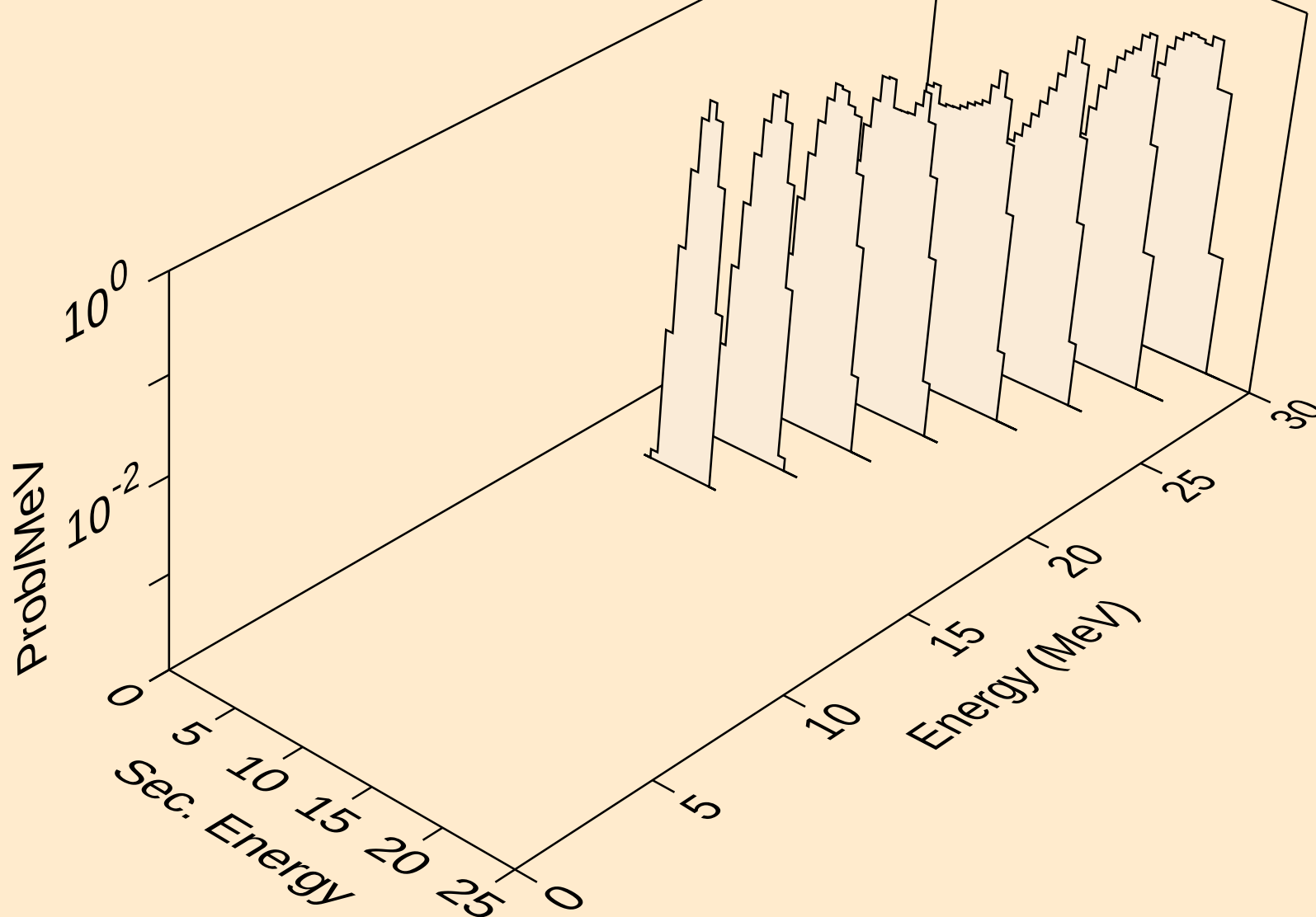
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



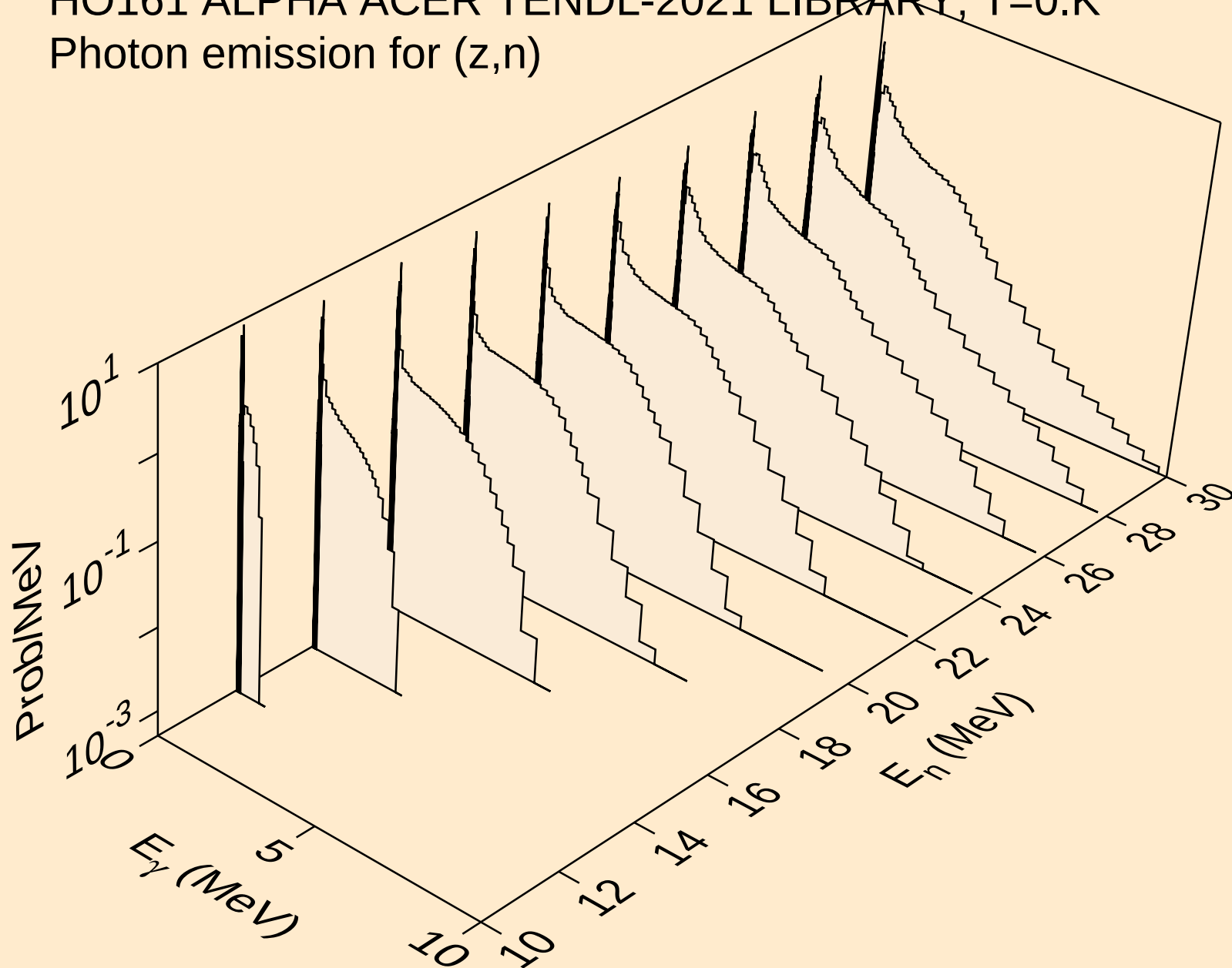
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

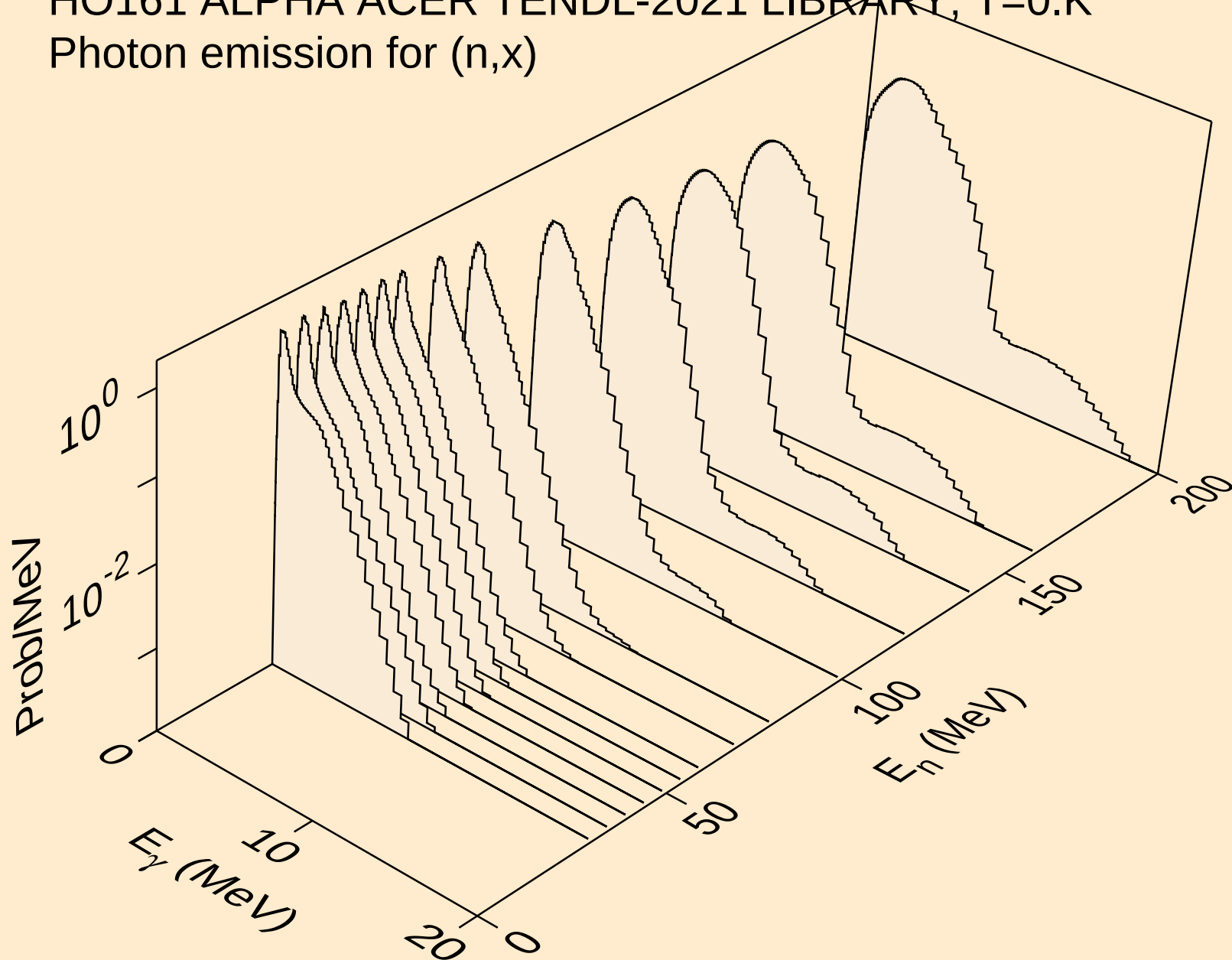


HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

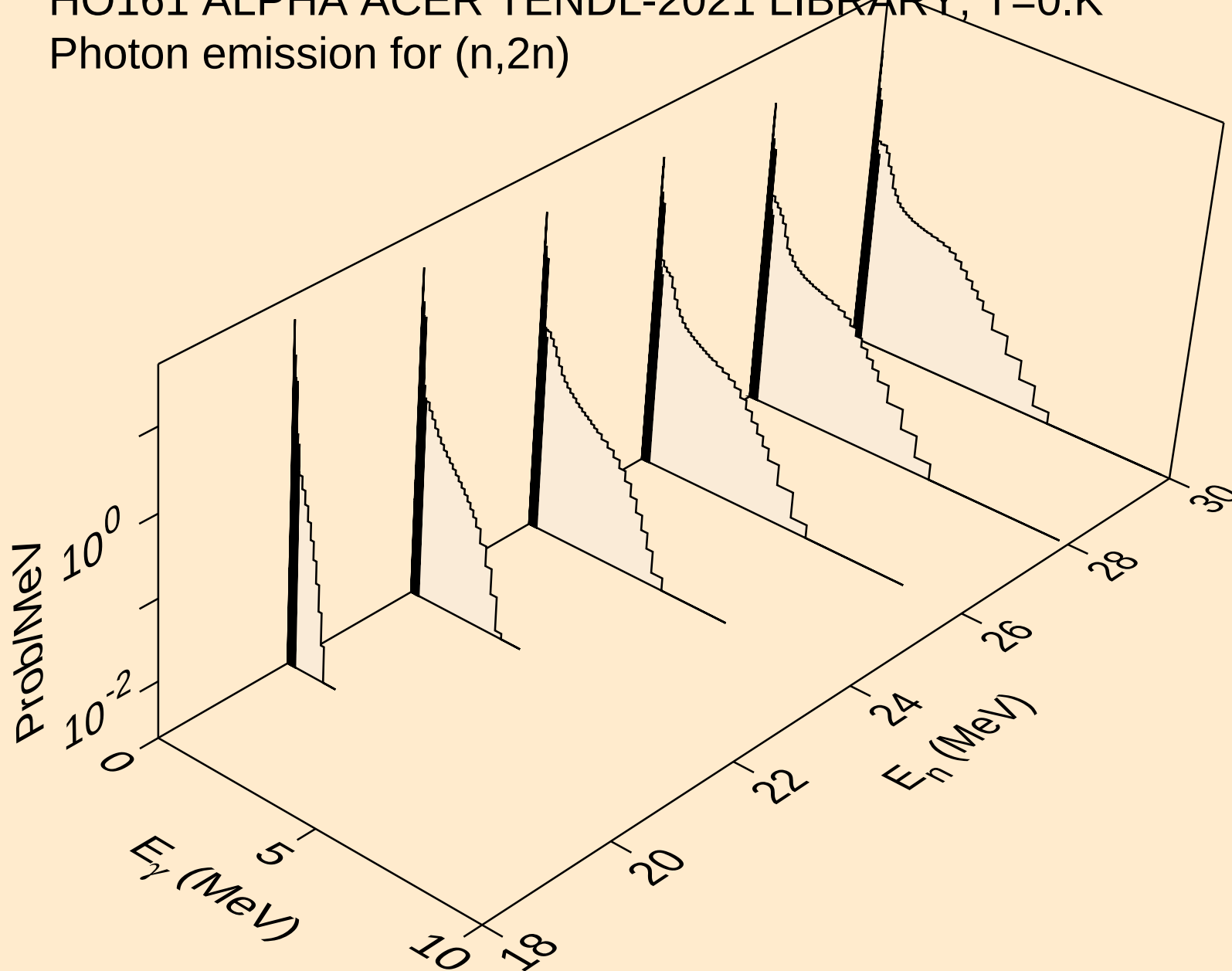




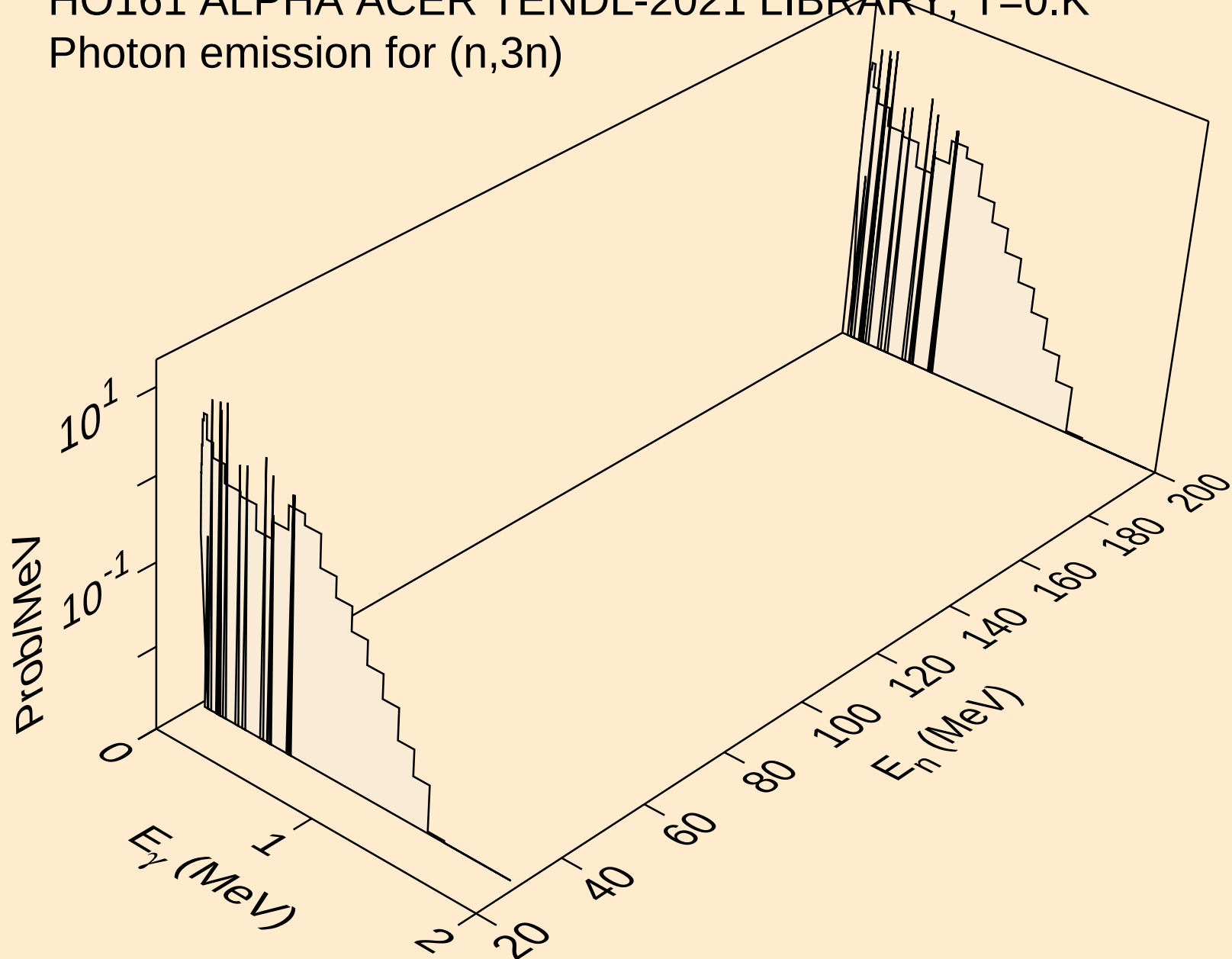
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

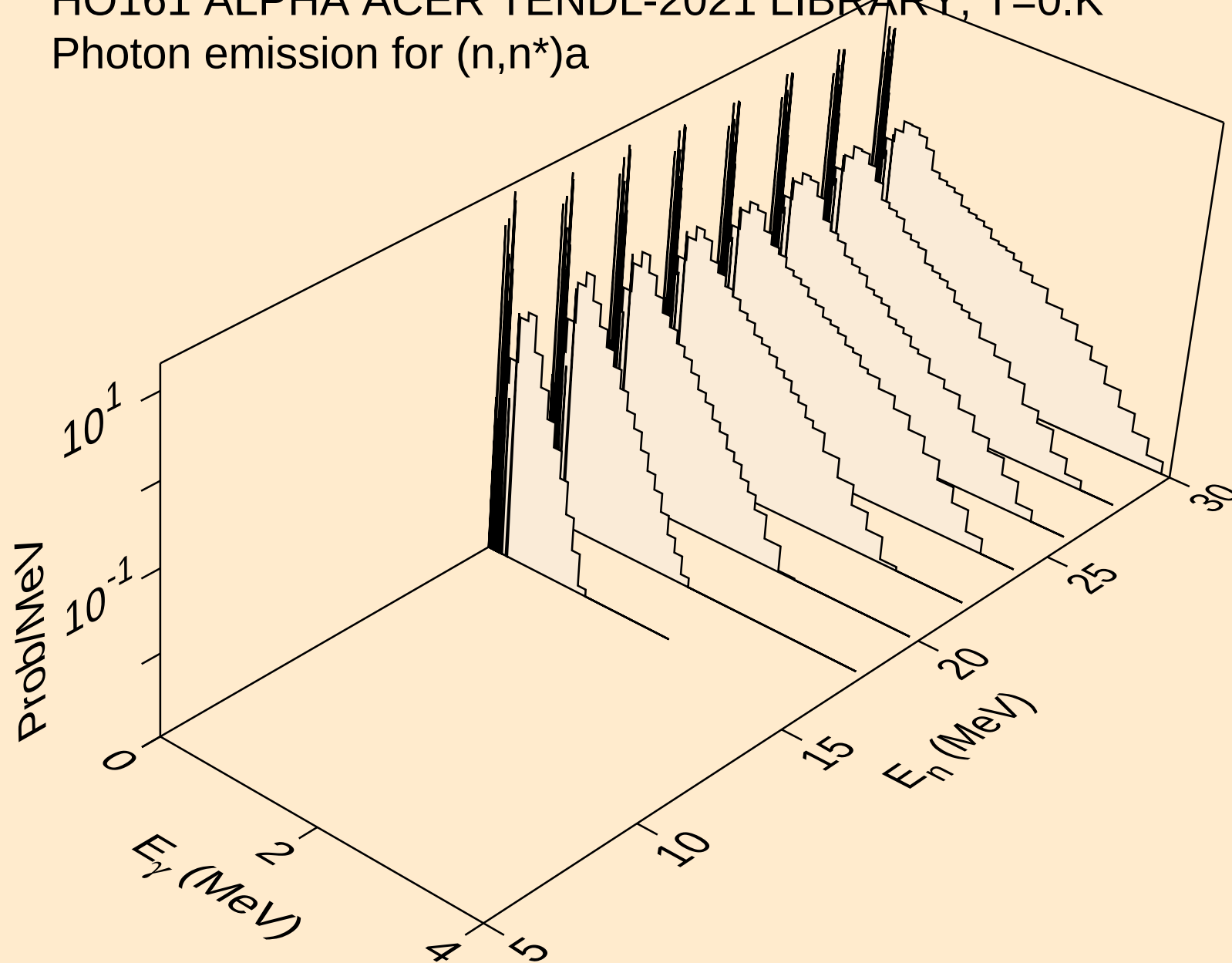


HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



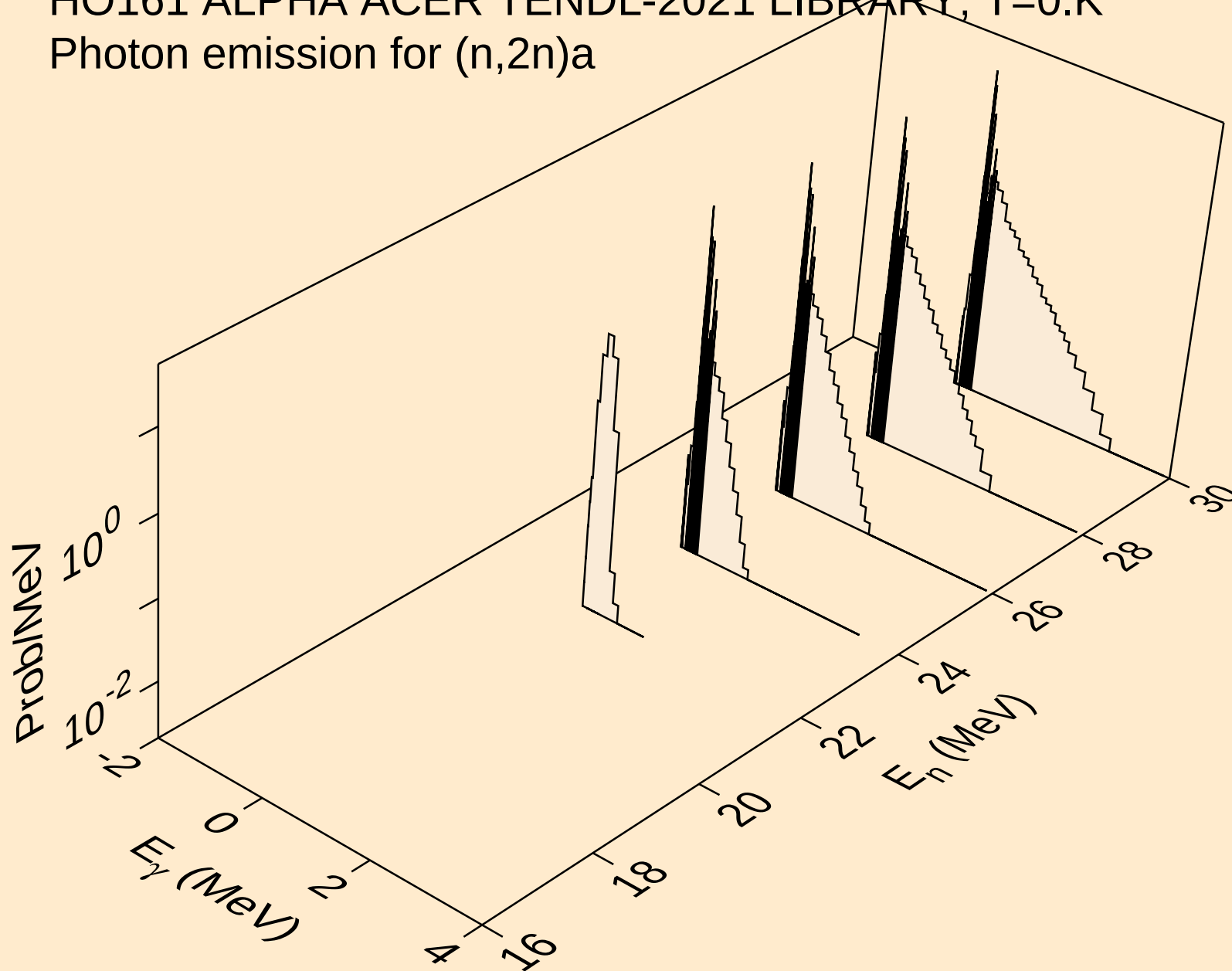
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)a

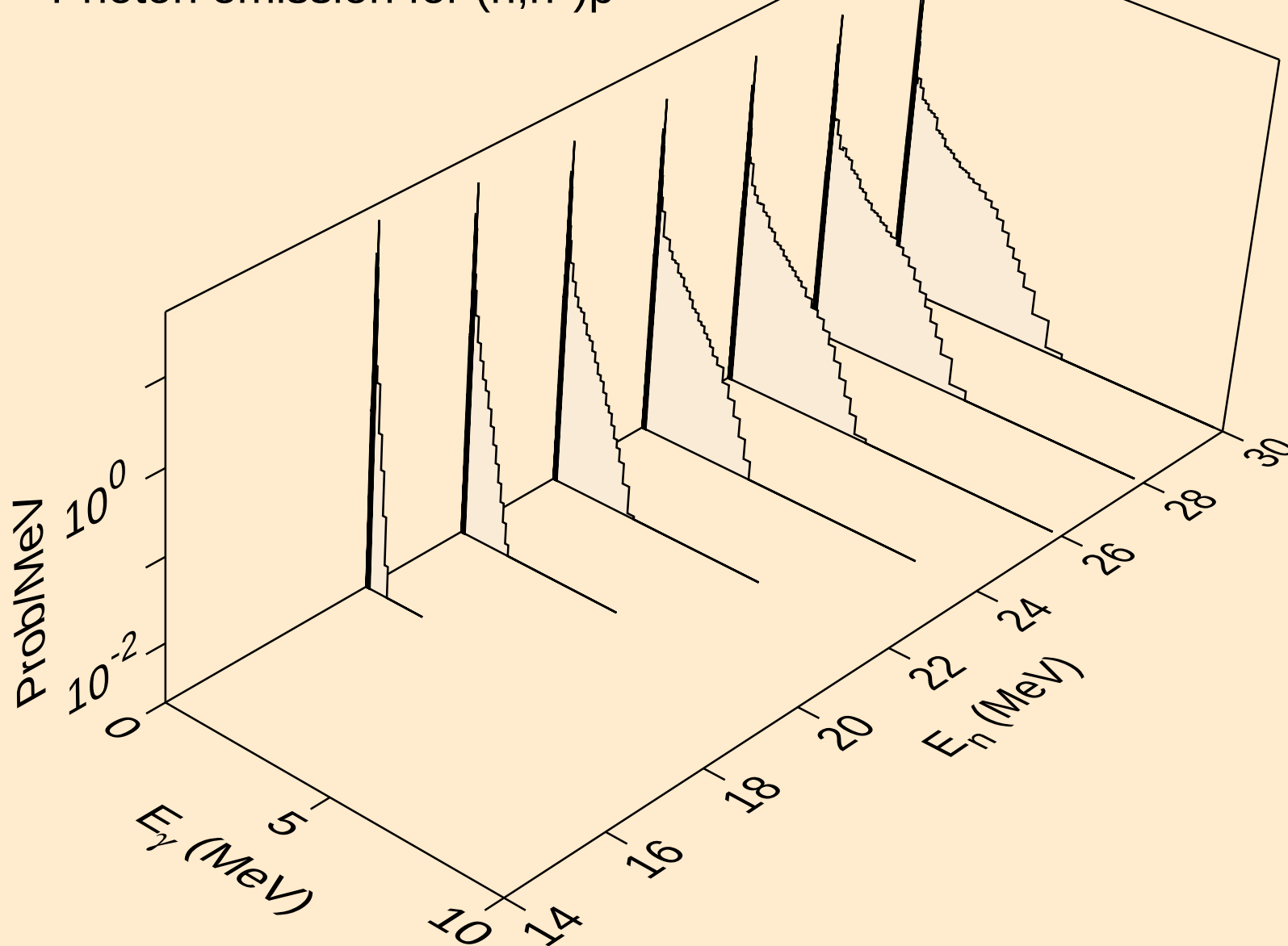


HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

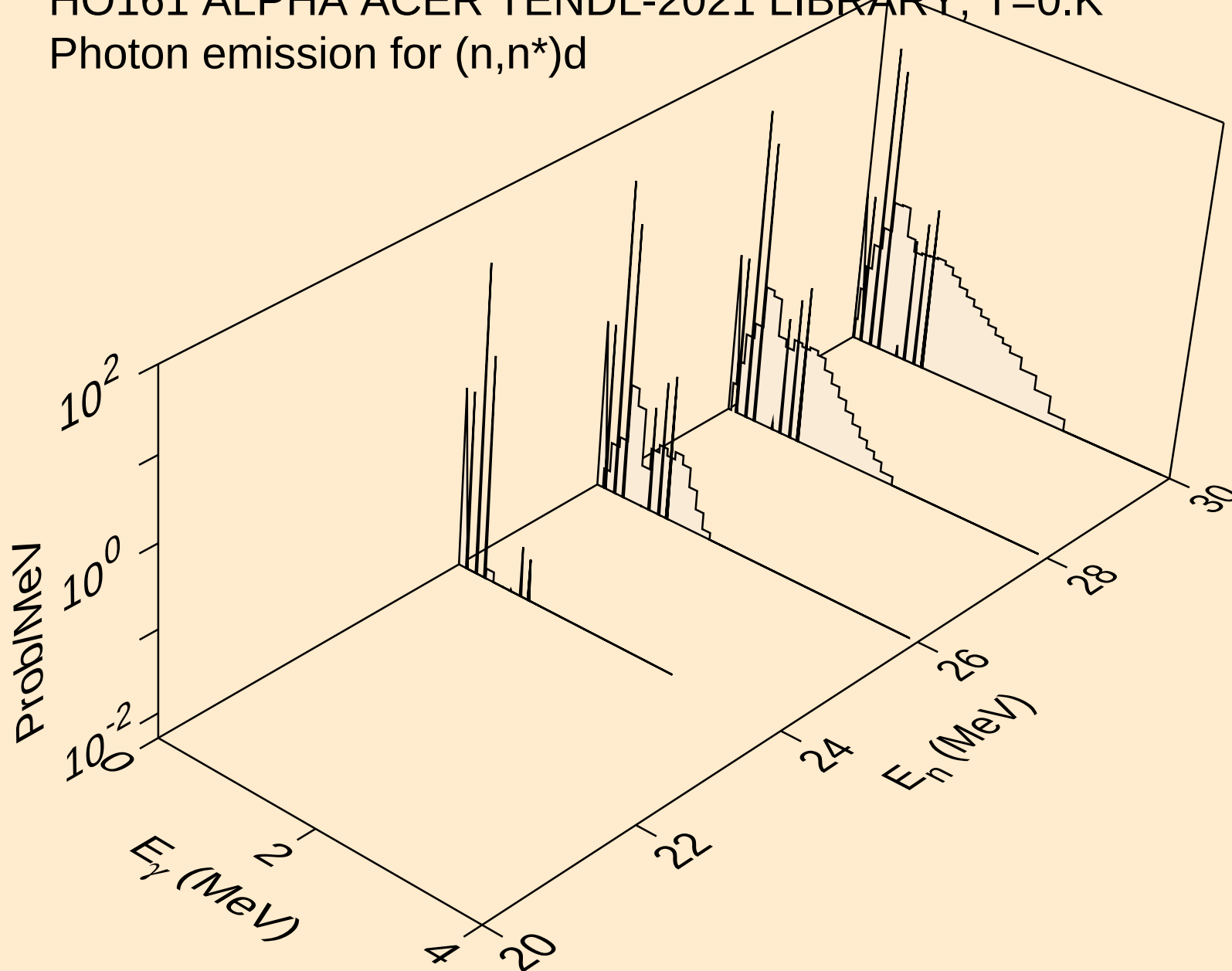
Photon emission for (n,2n) $\alpha$



HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

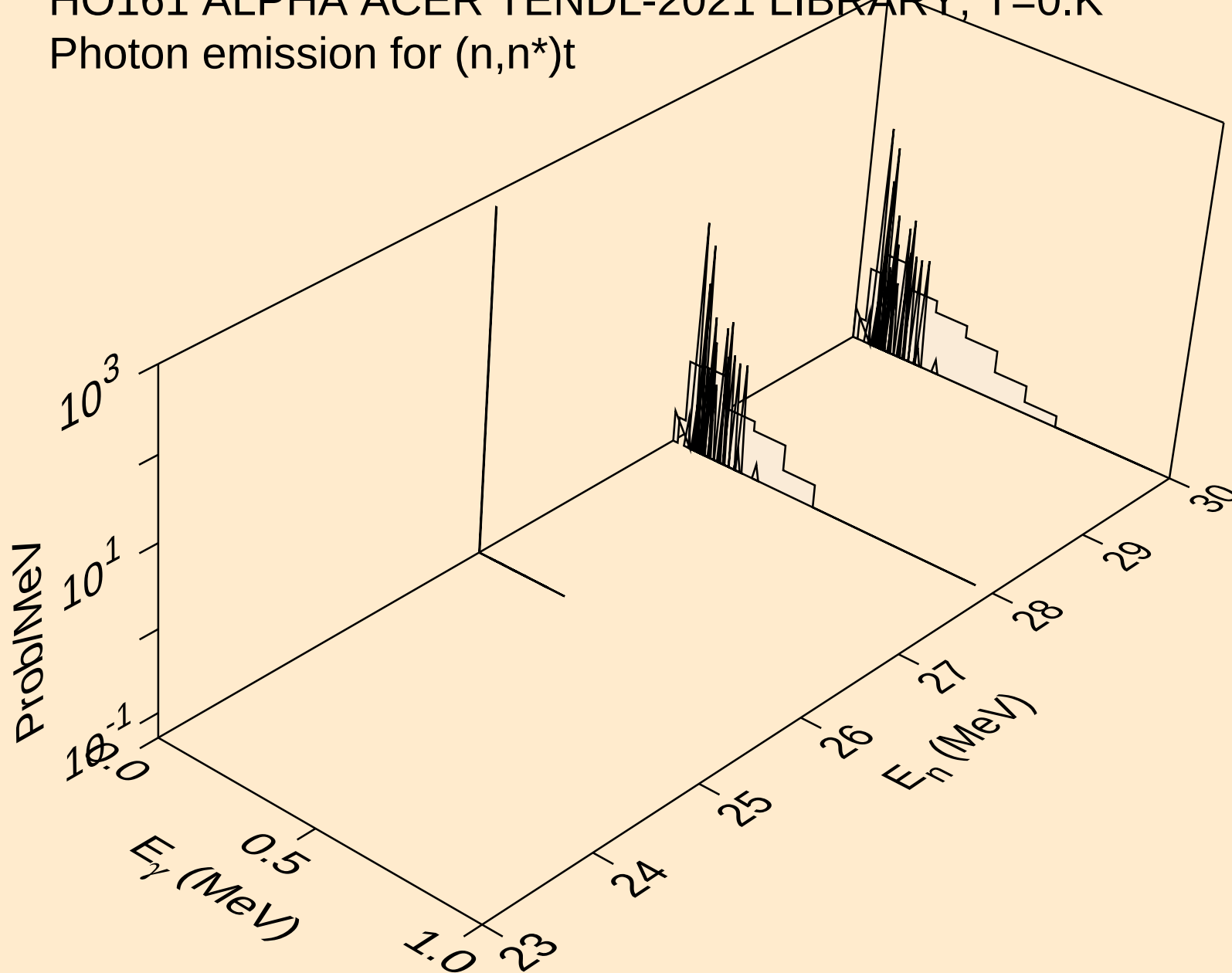


HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



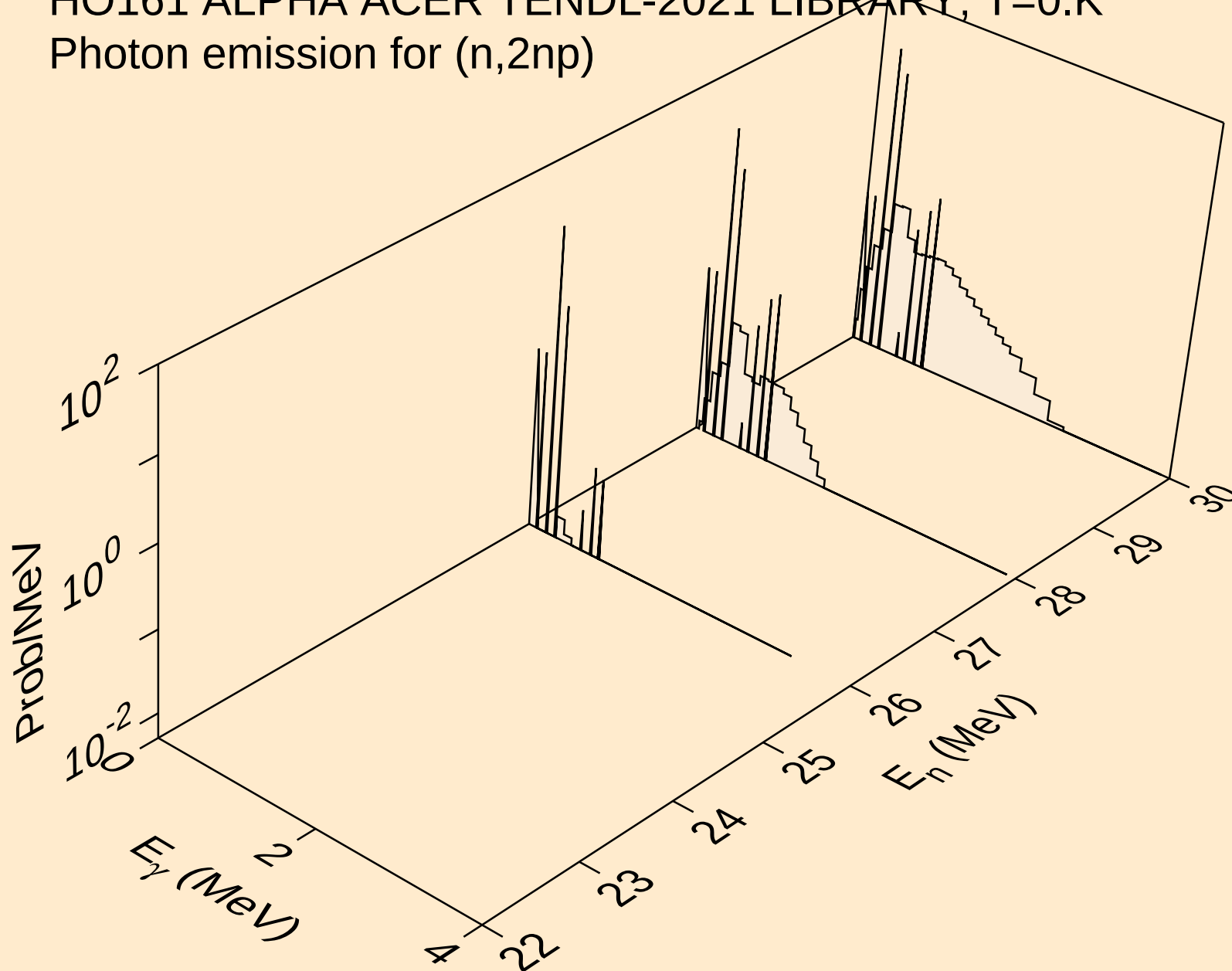
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)t

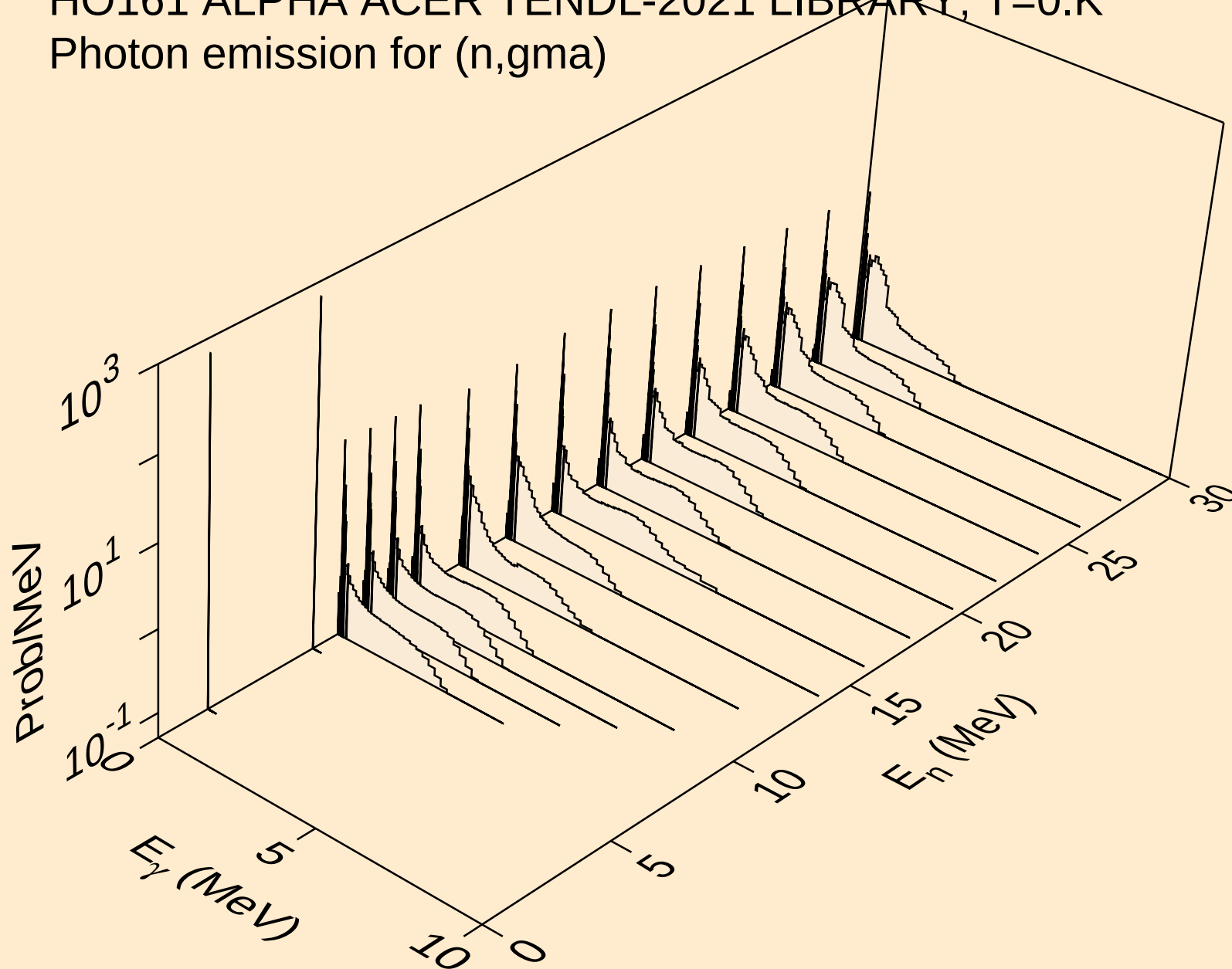




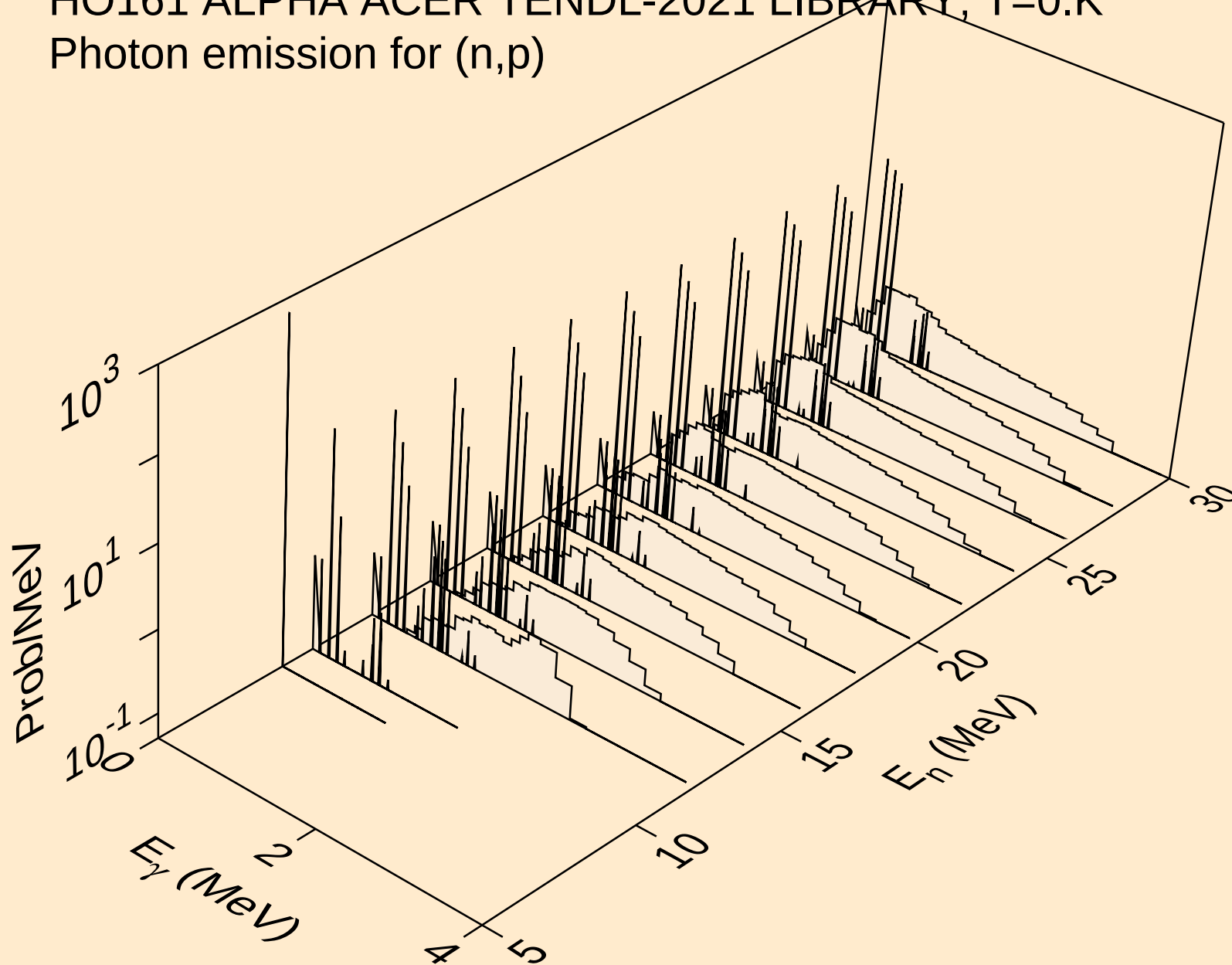
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



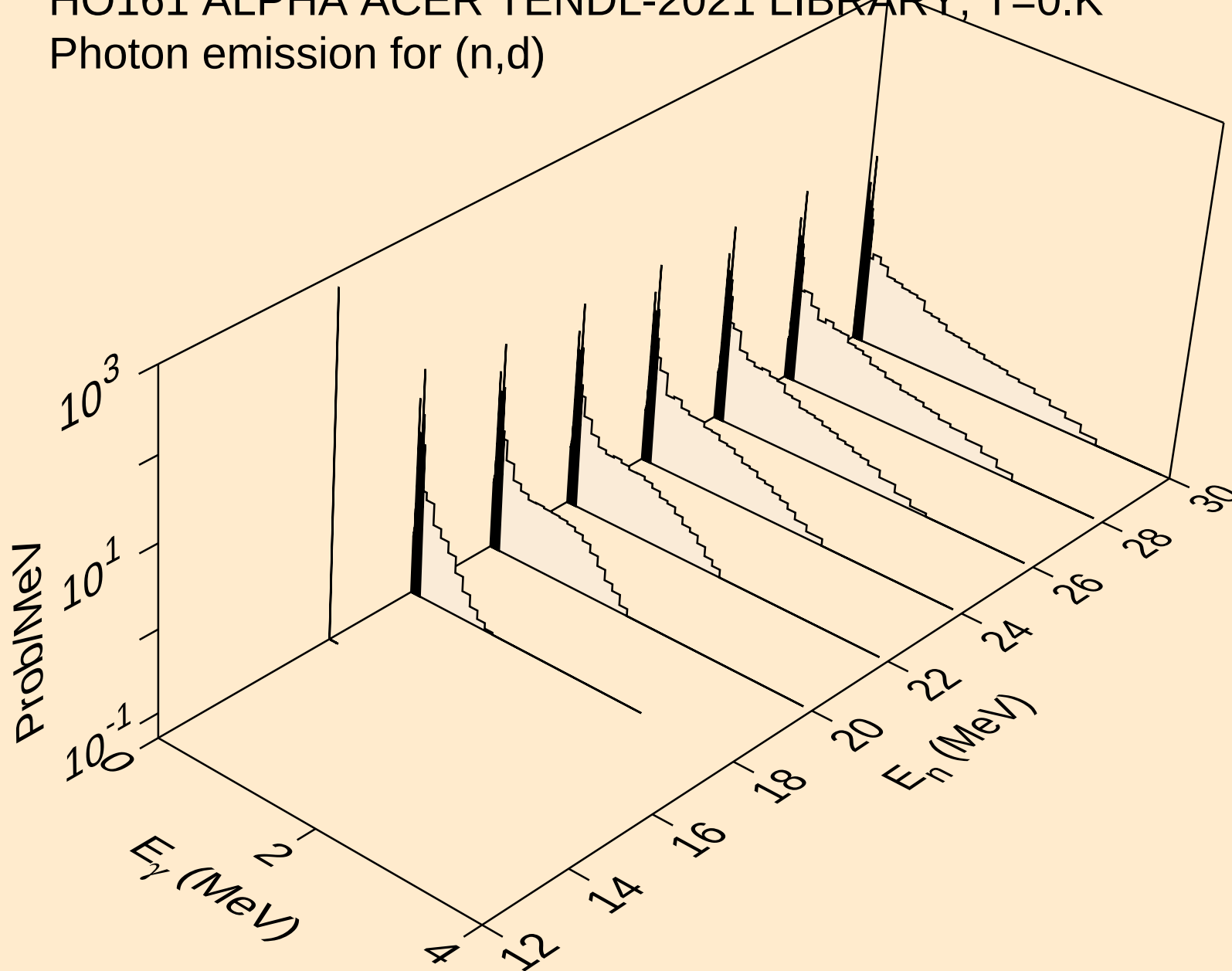
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



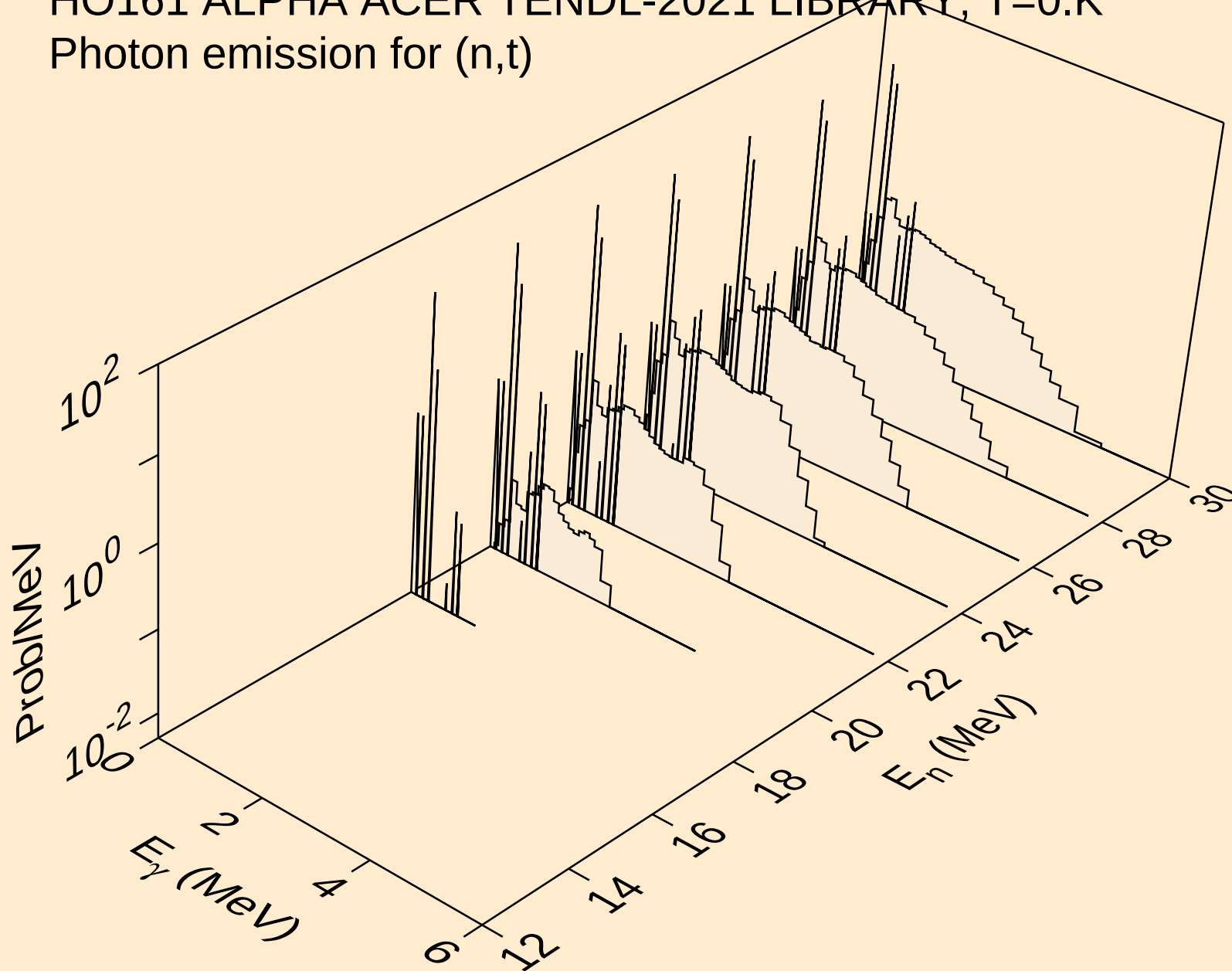
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



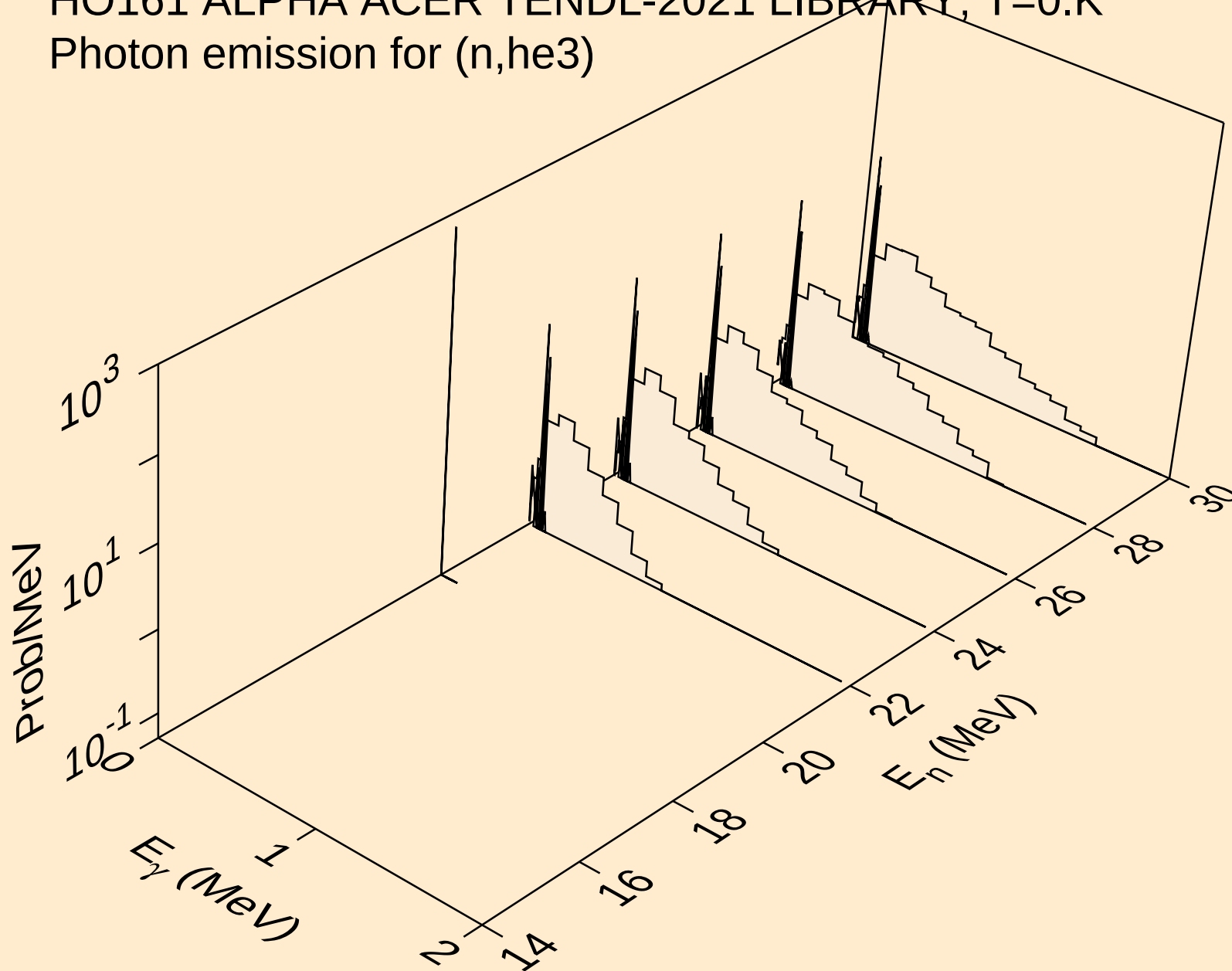
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



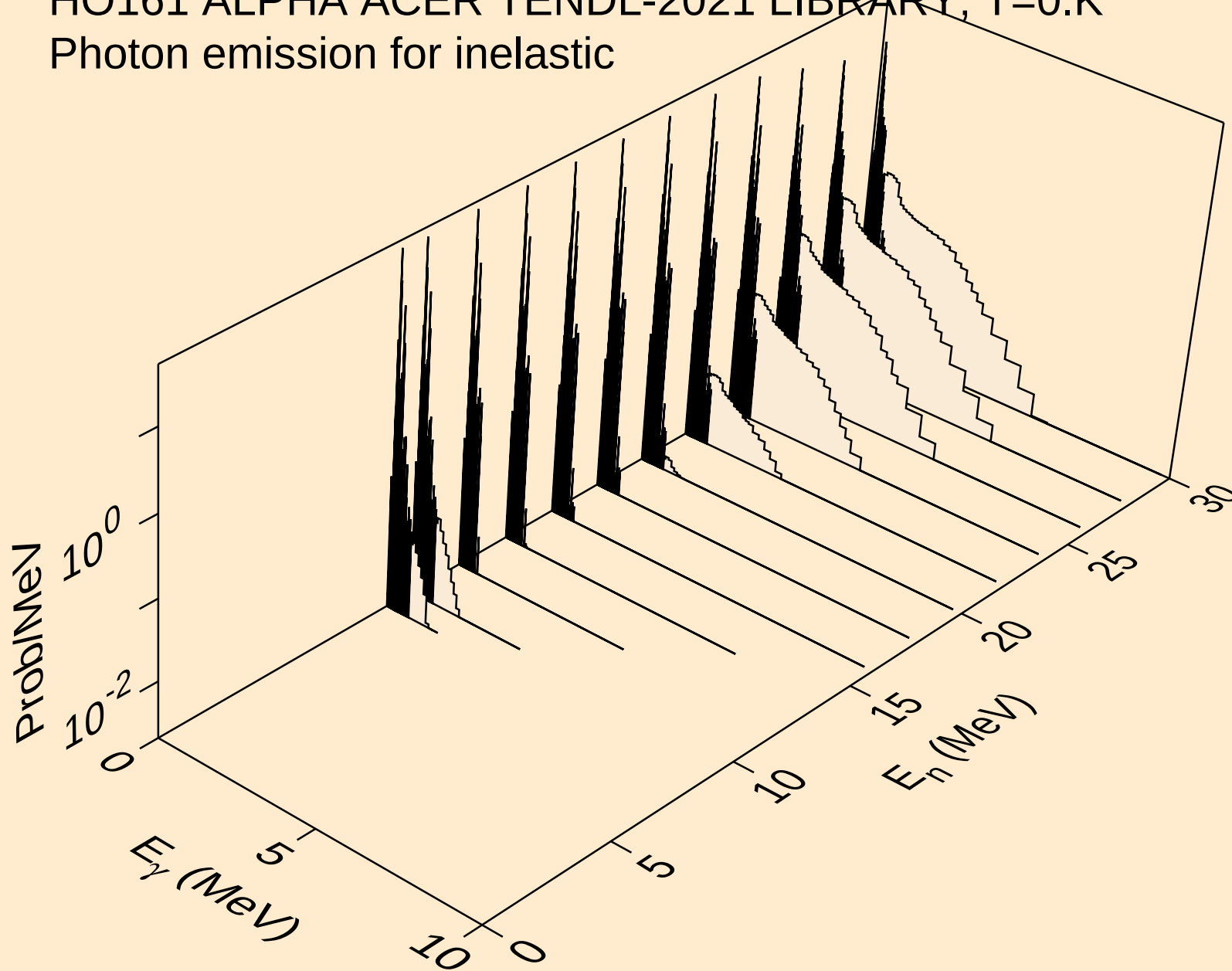
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



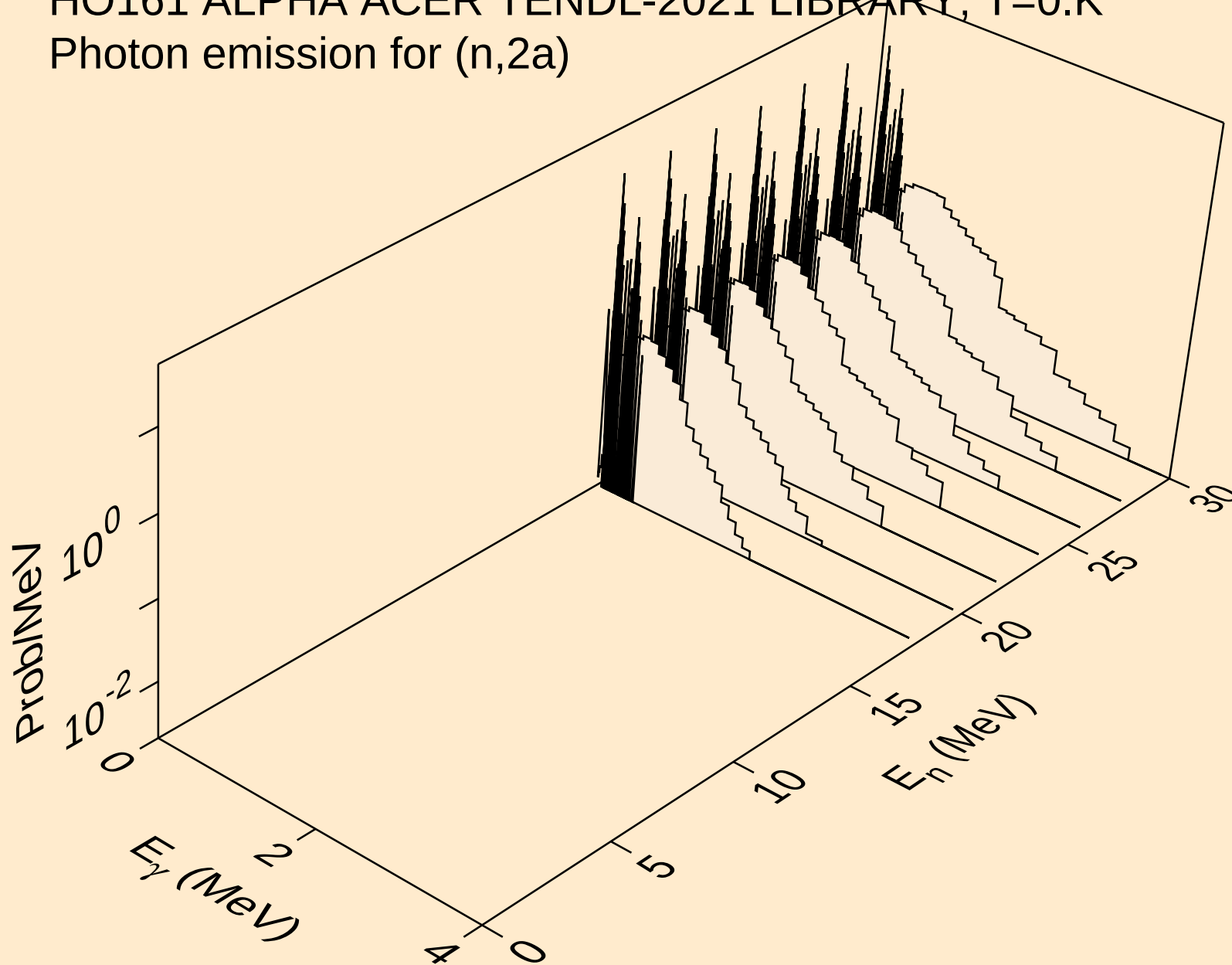
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

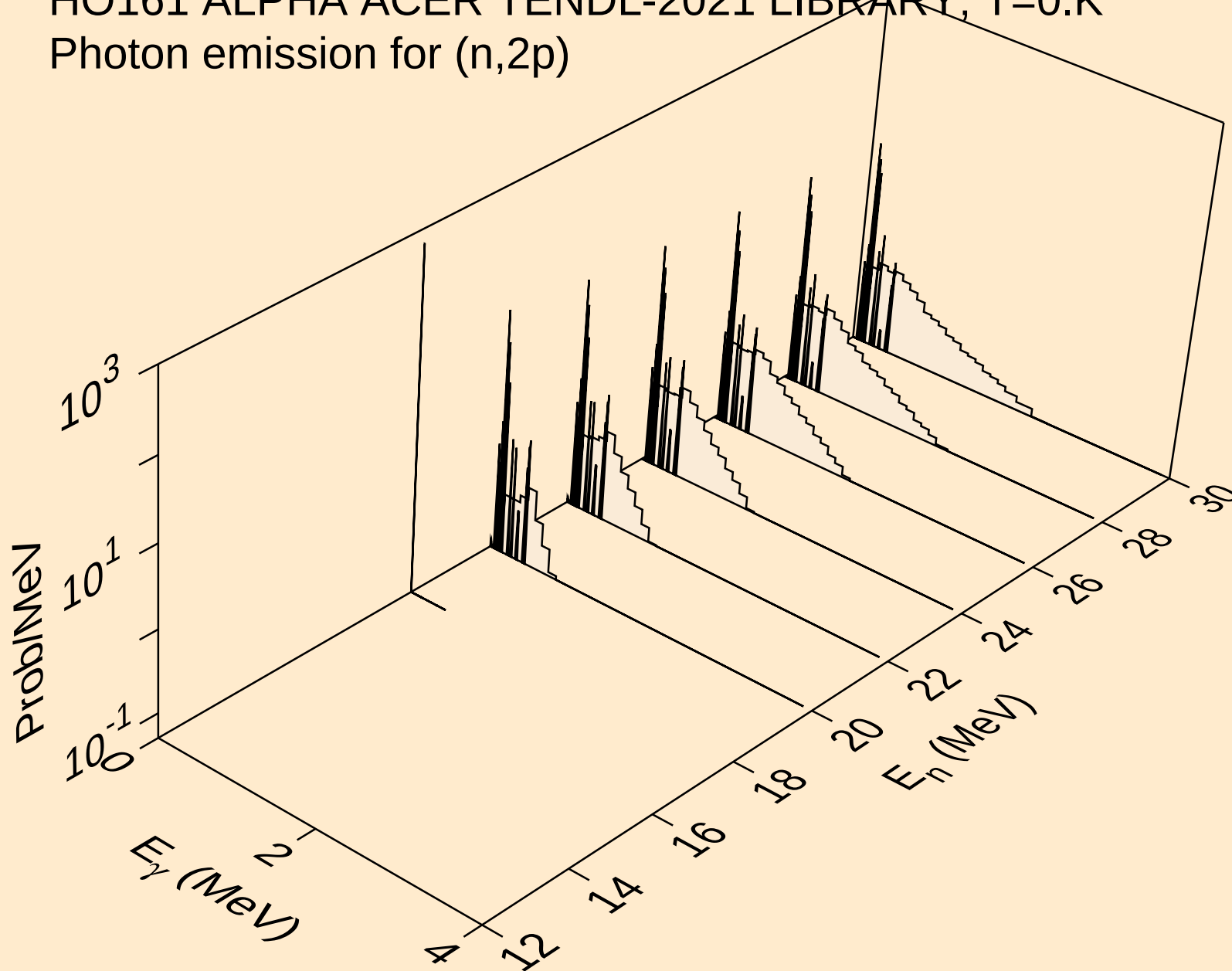


HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

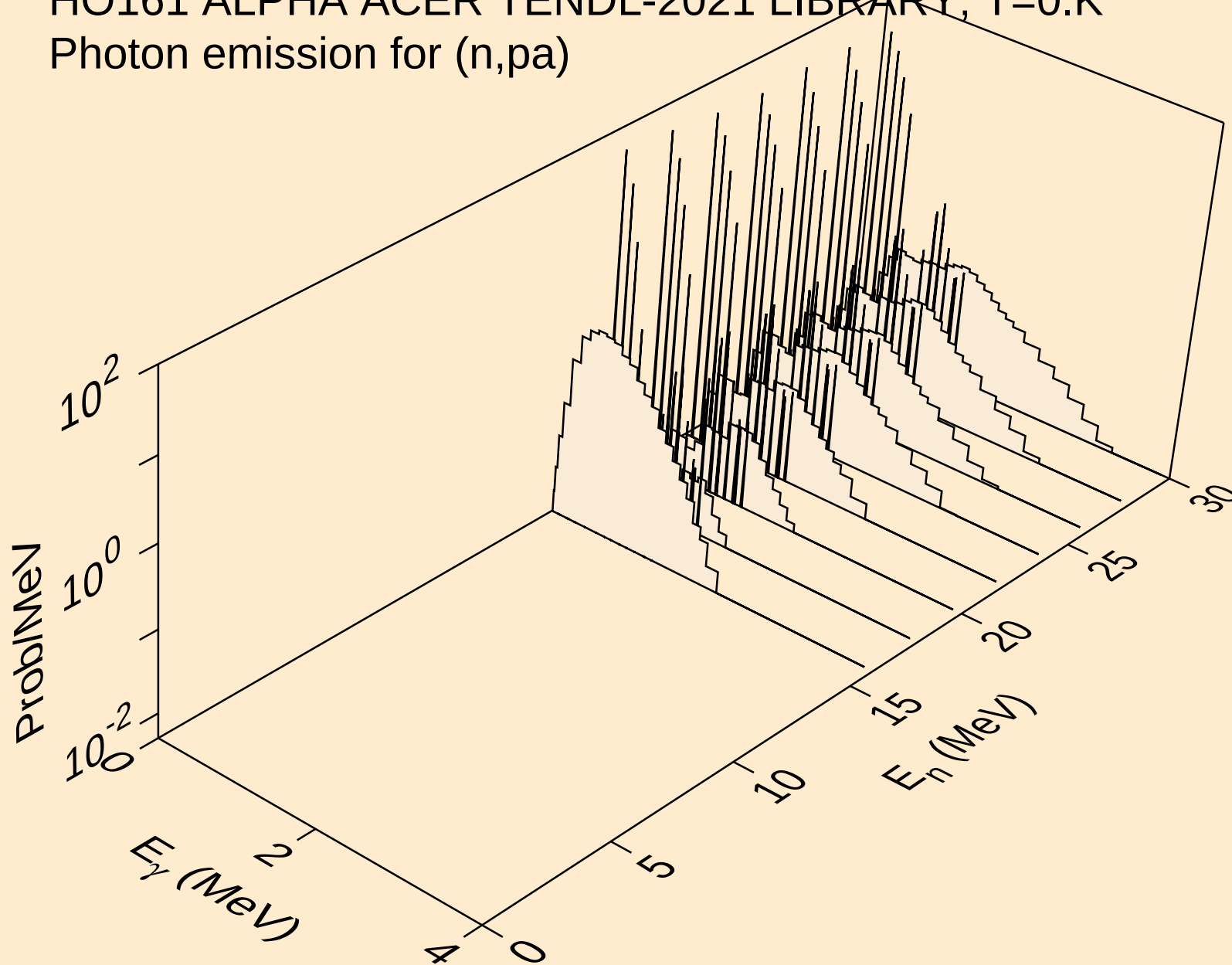




HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

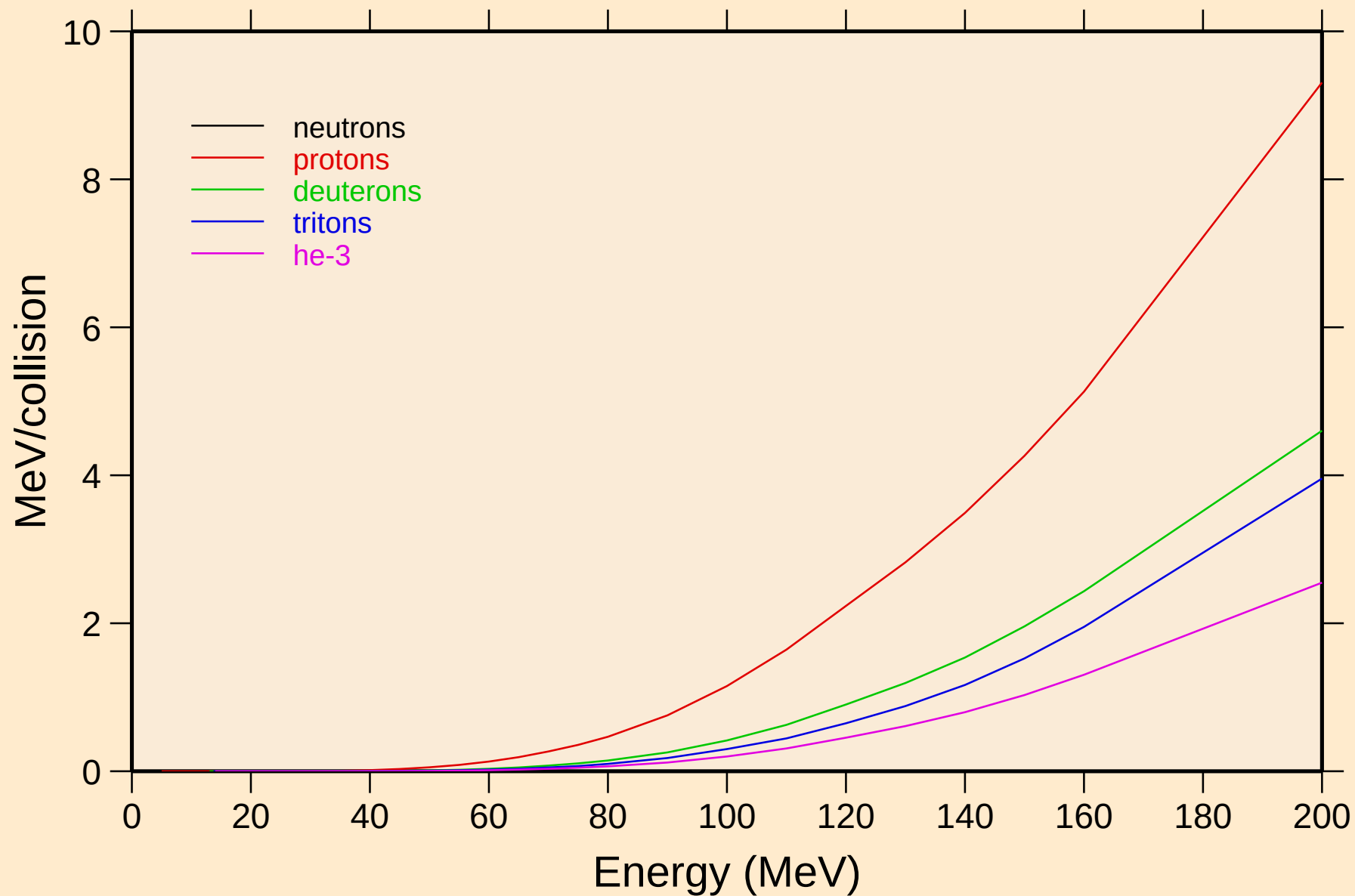


HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



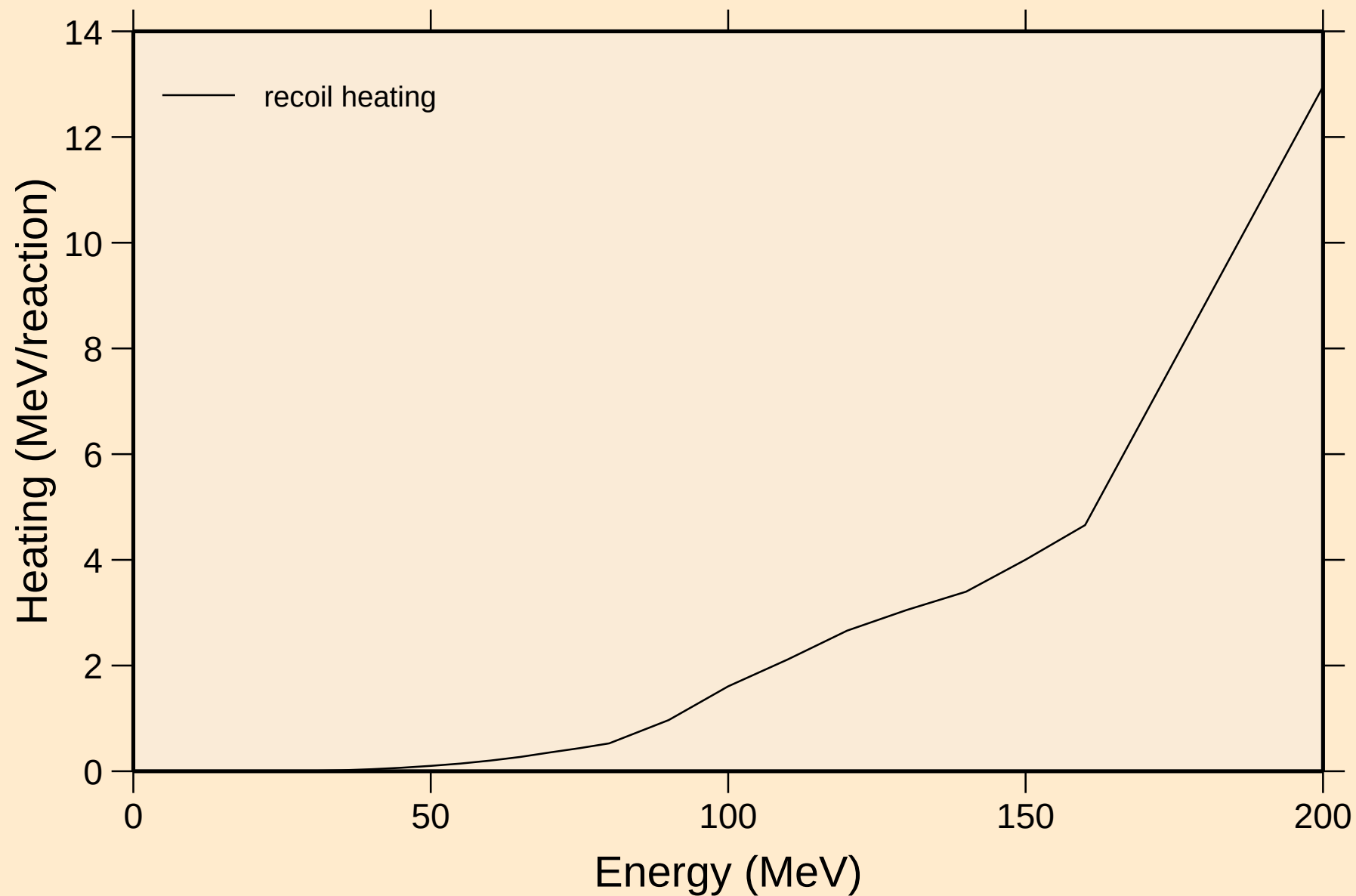
# HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



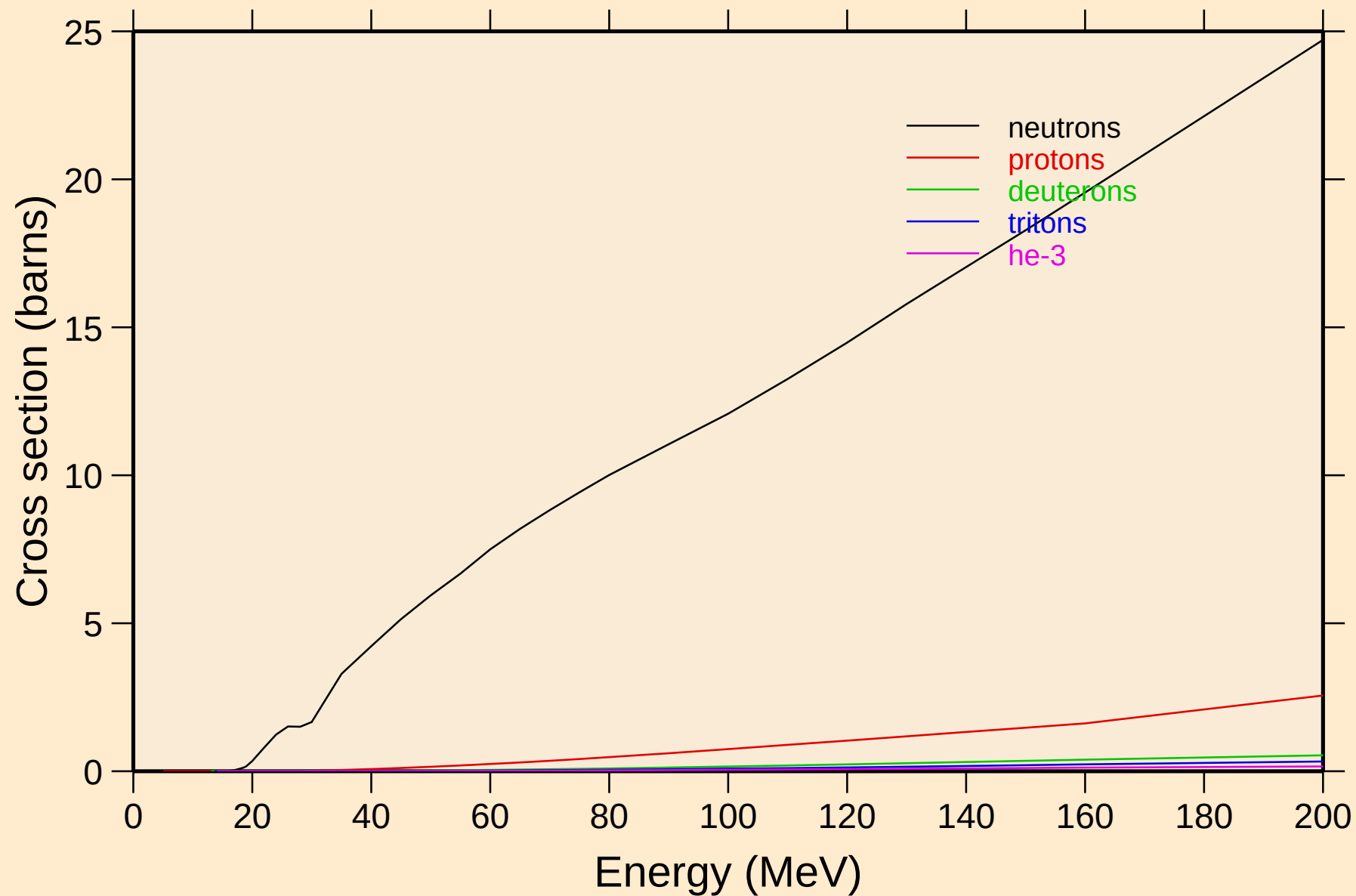
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

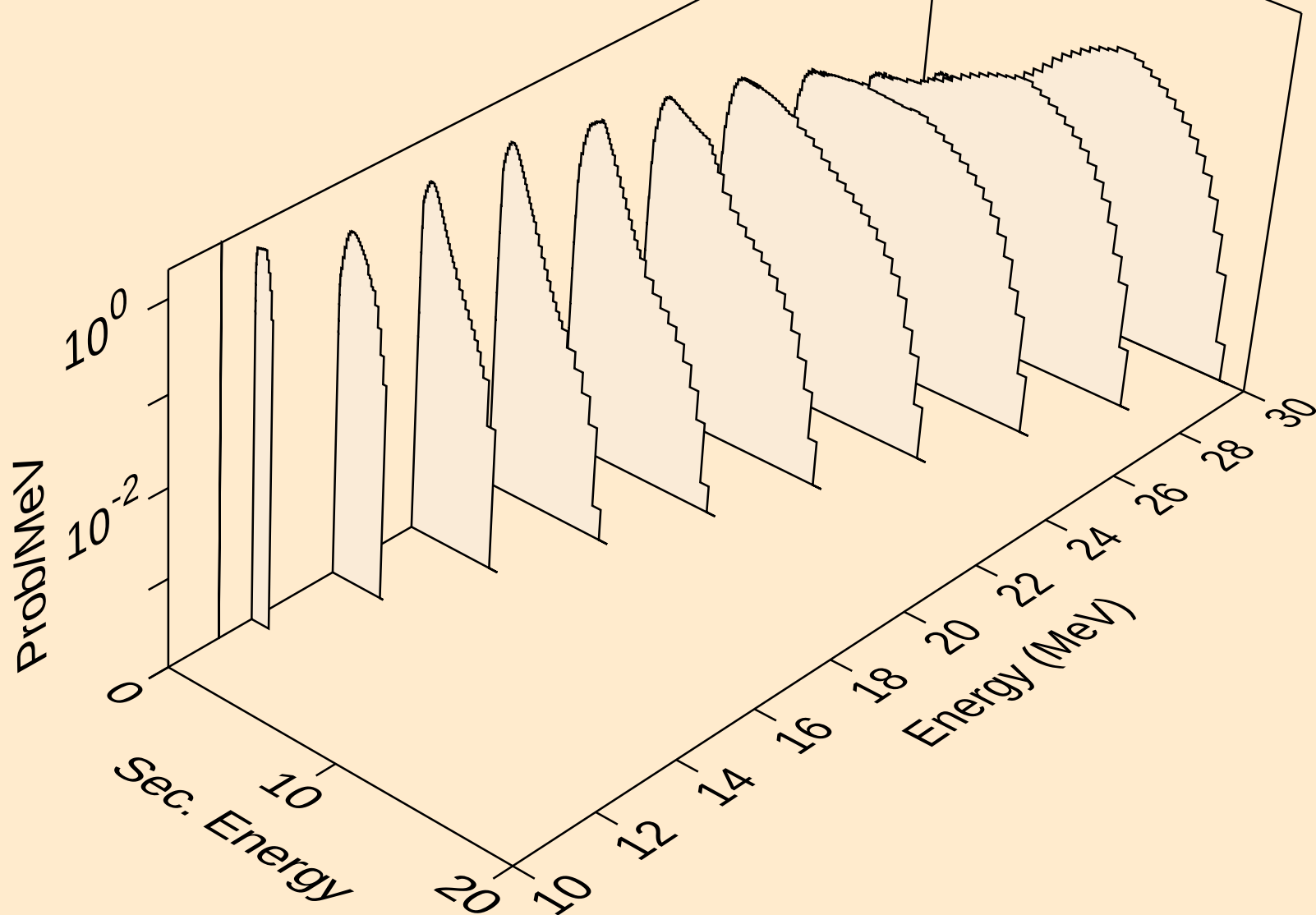


HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

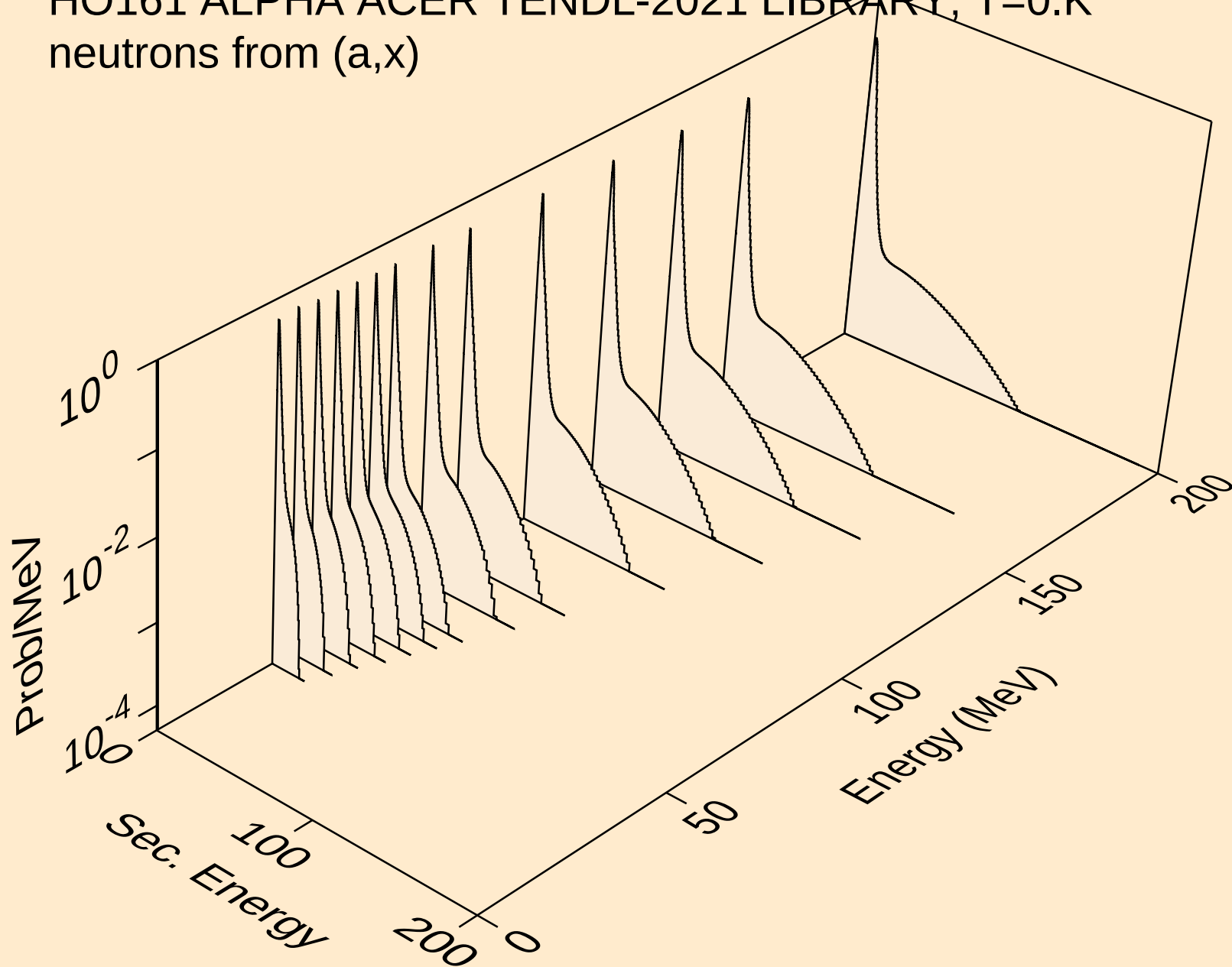
Particle production cross sections



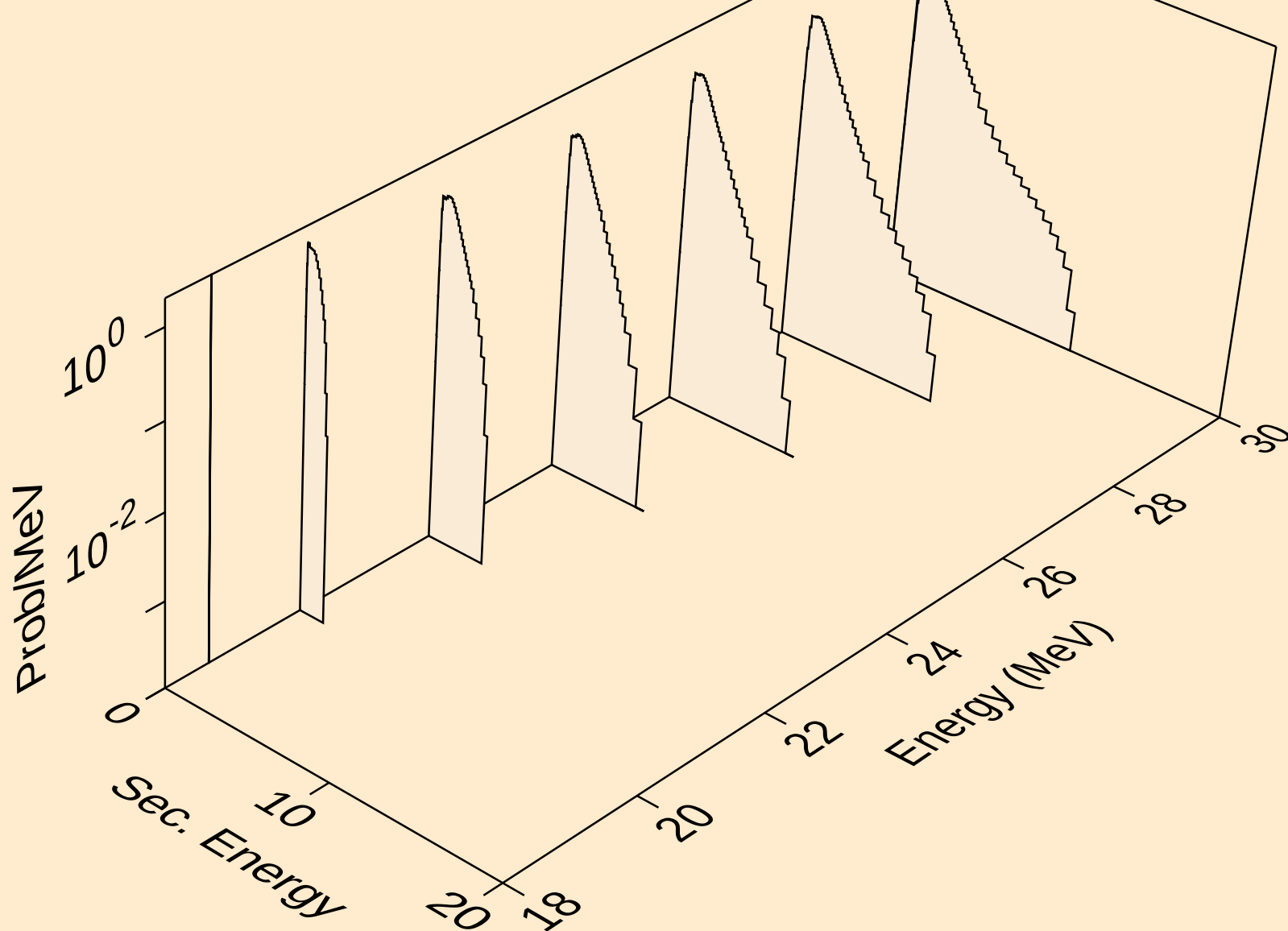
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

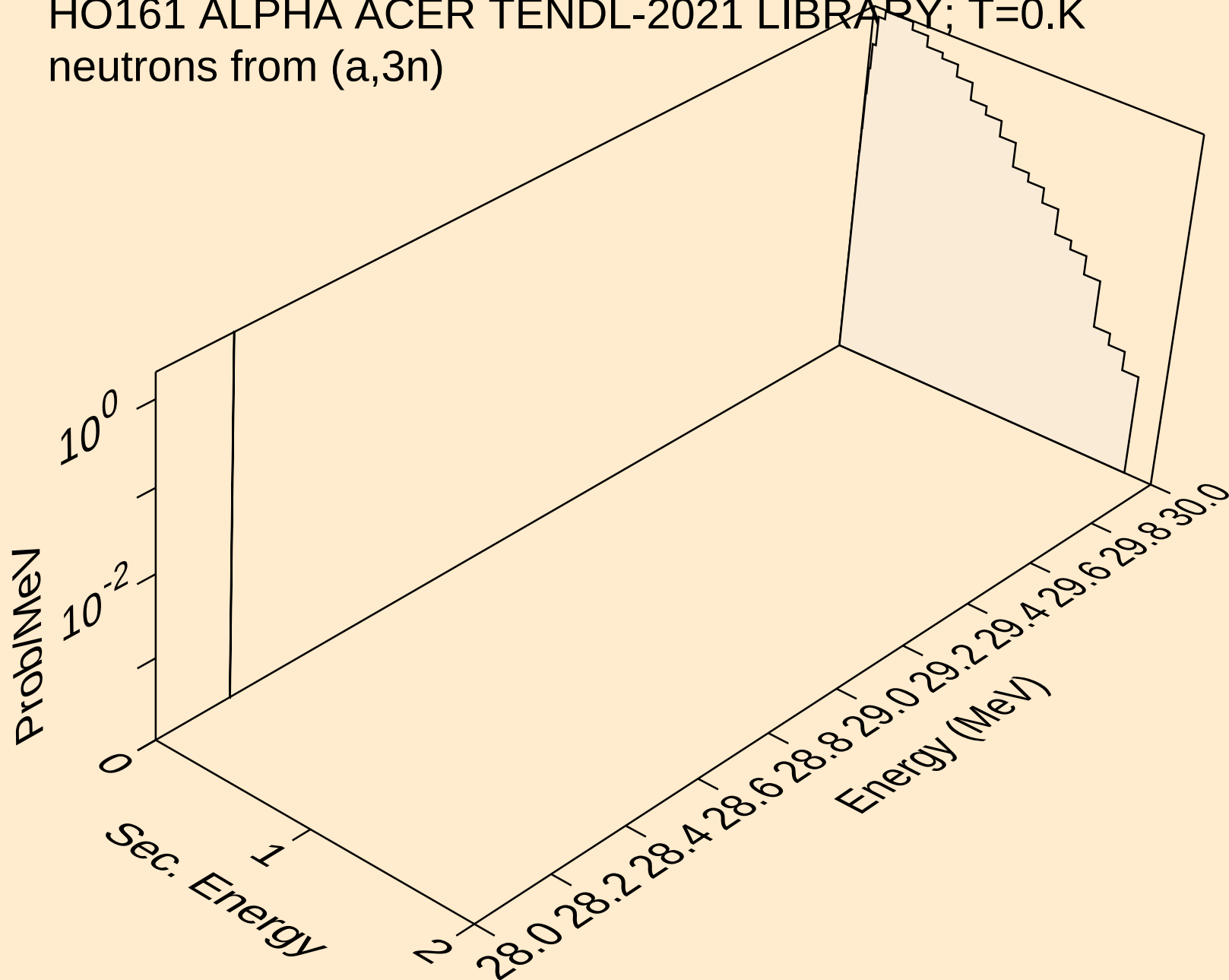


HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)

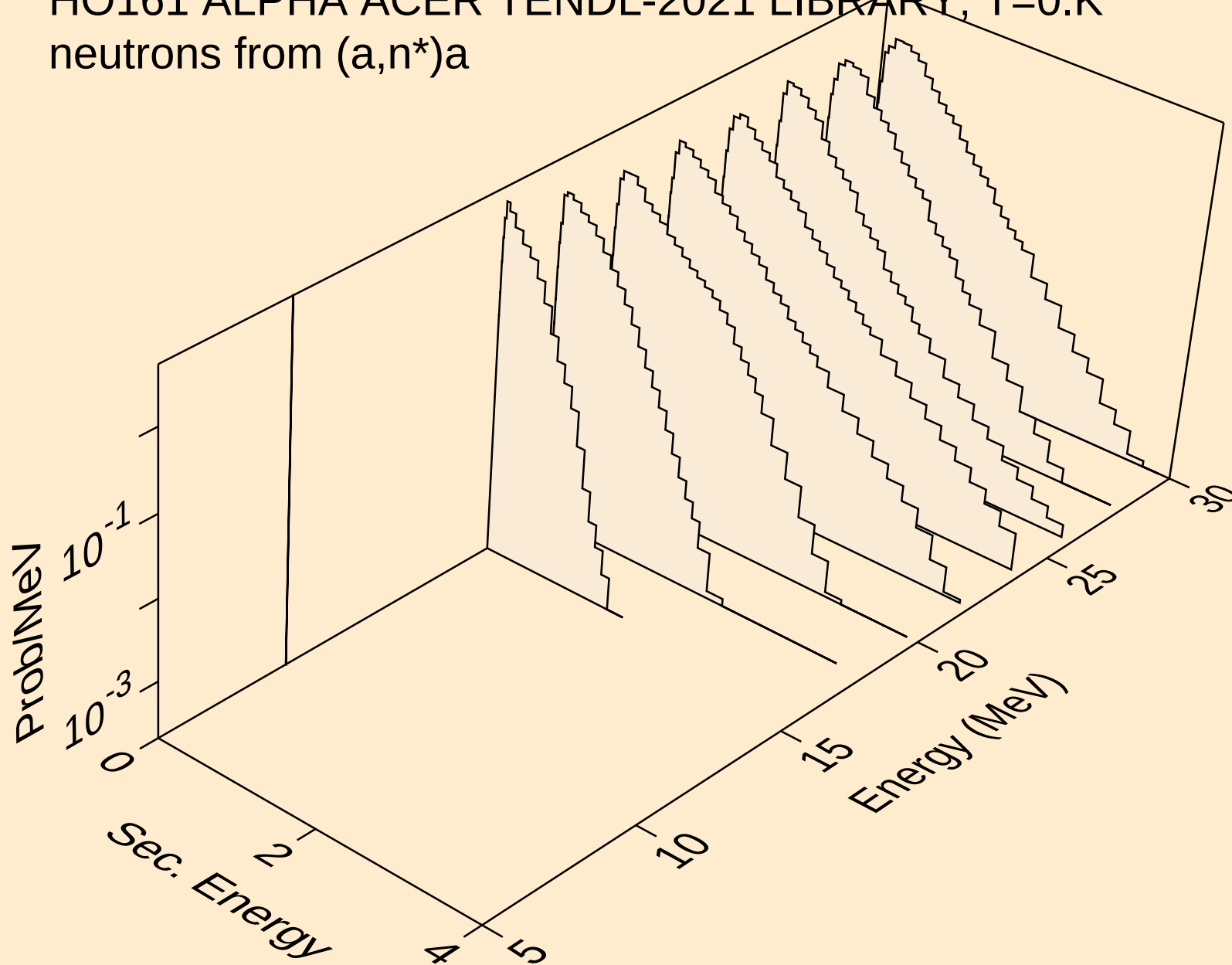




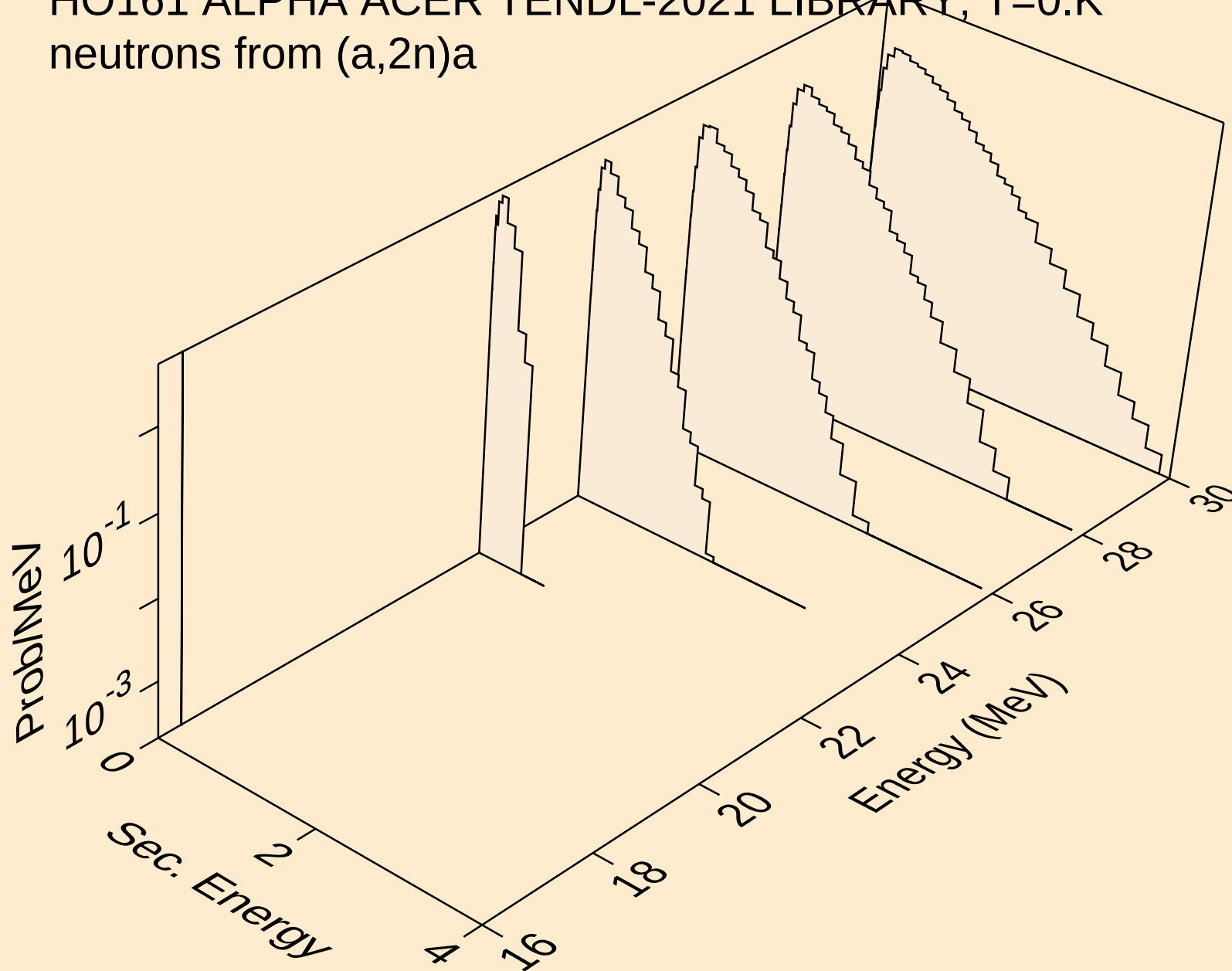
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



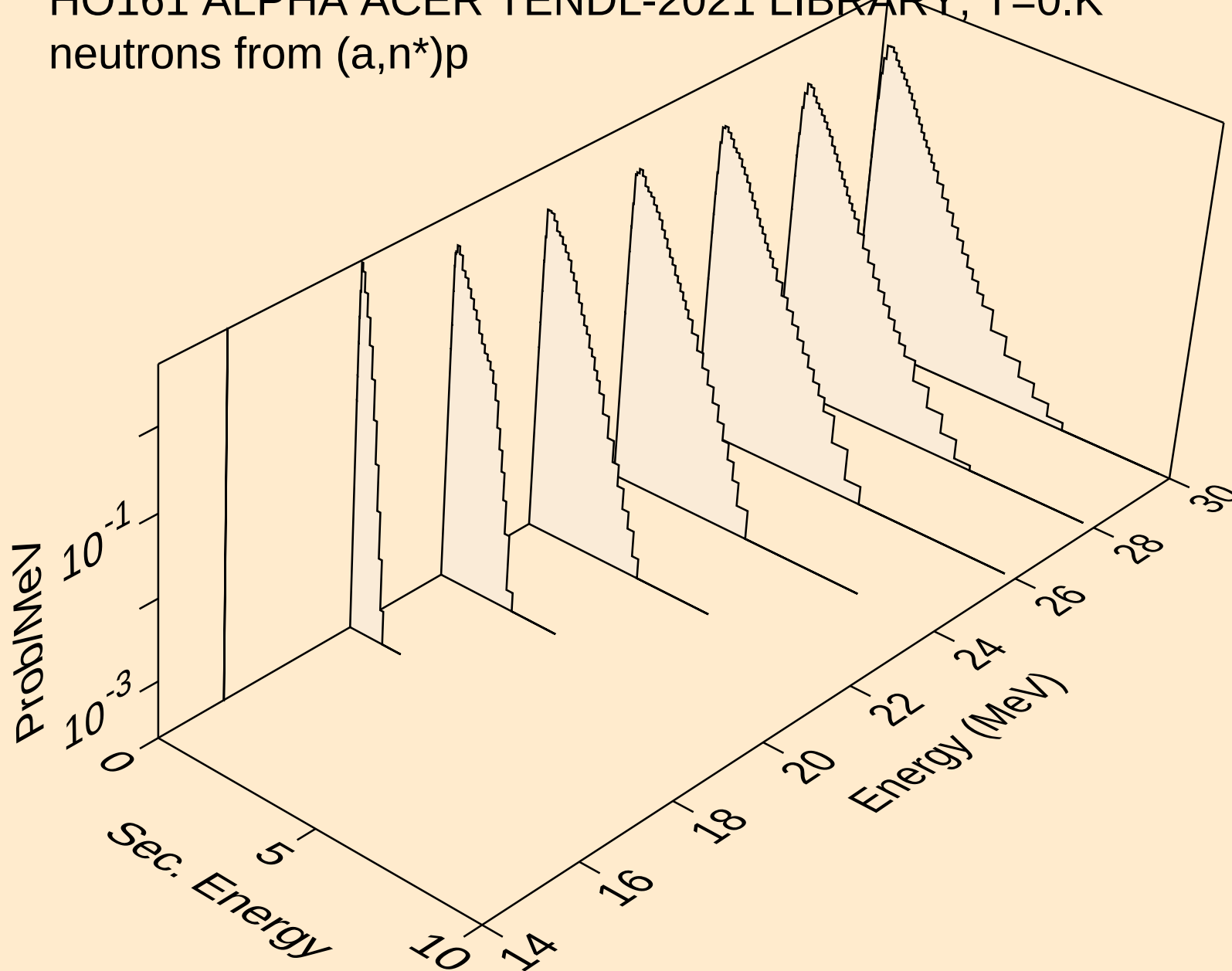
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



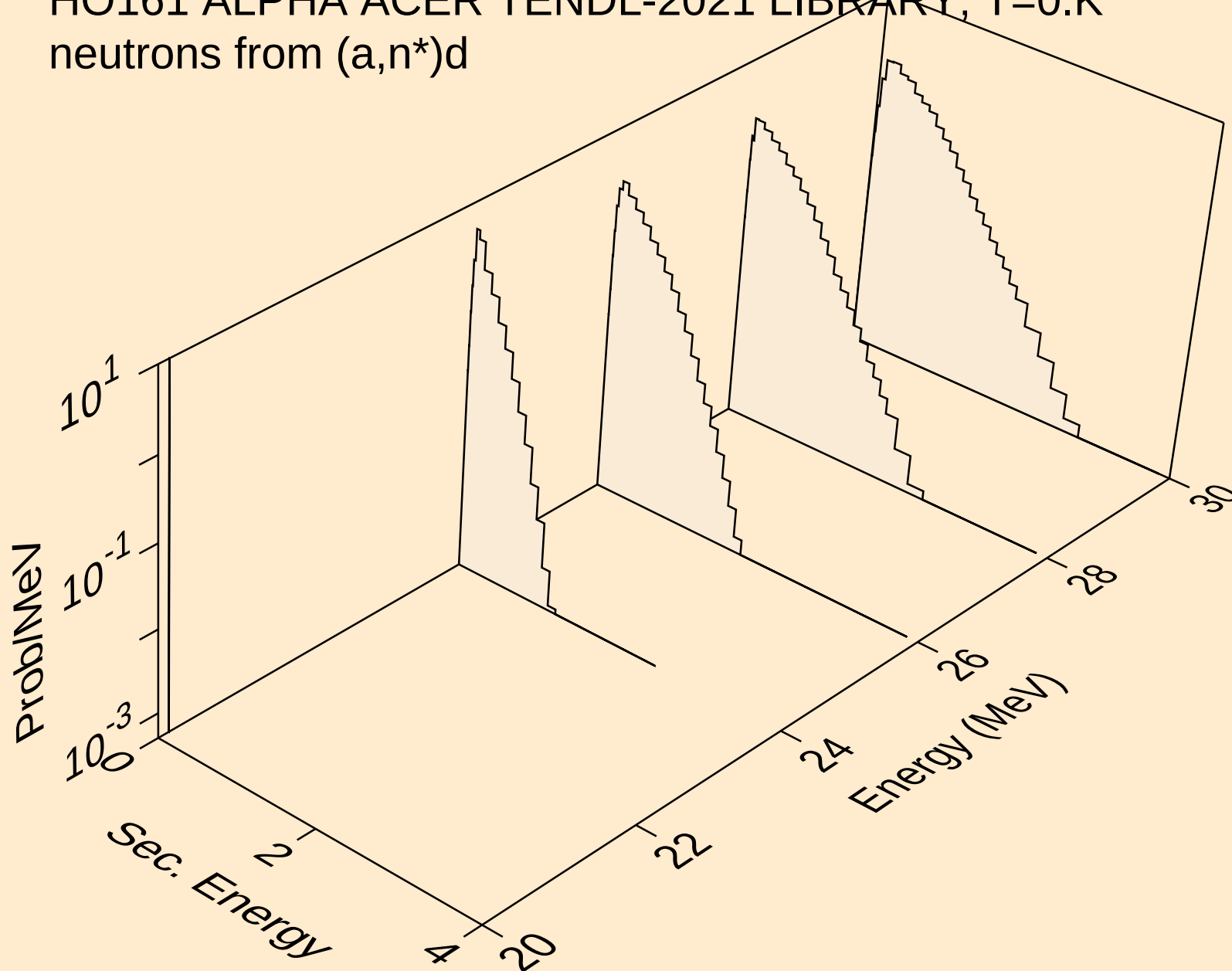
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



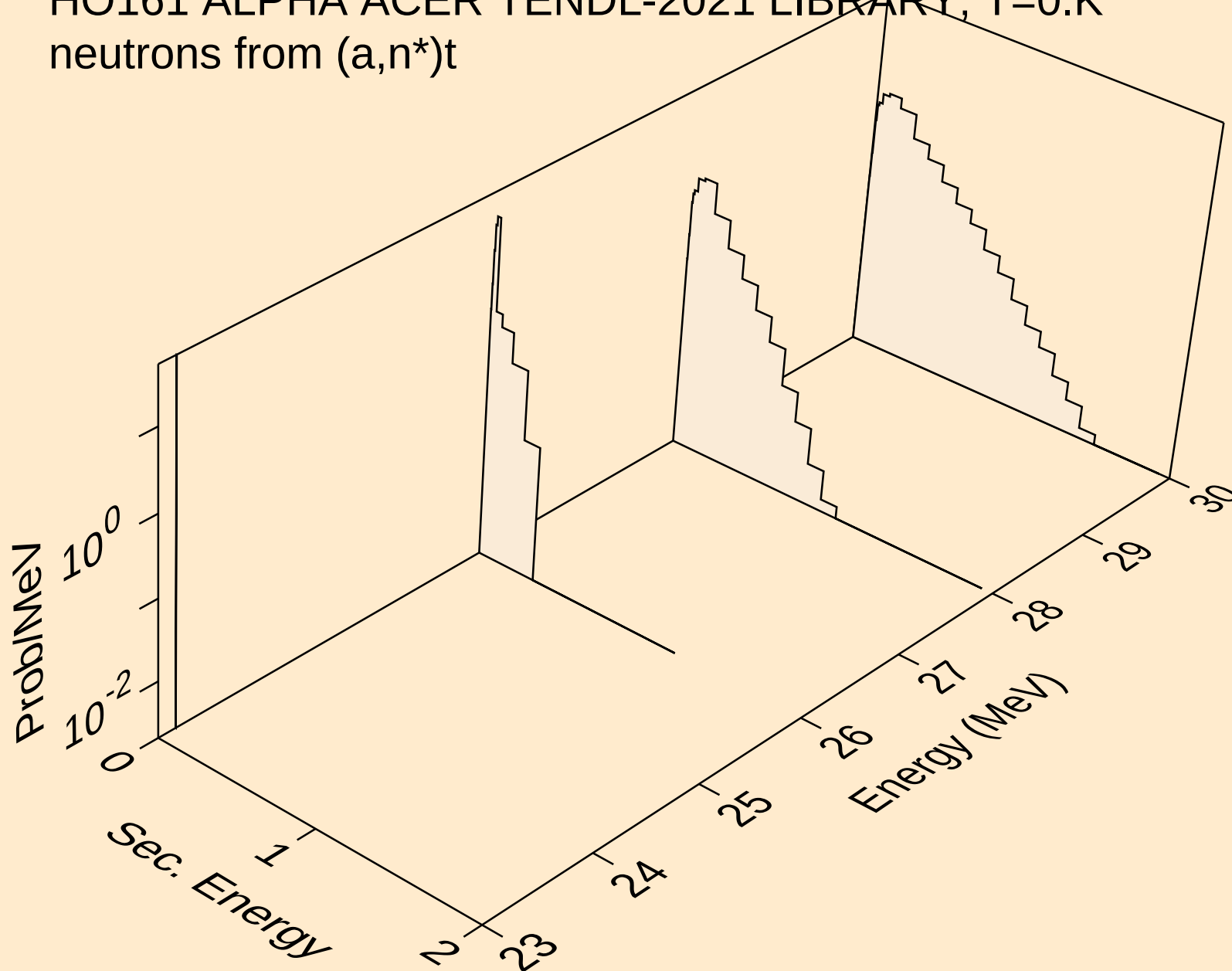
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



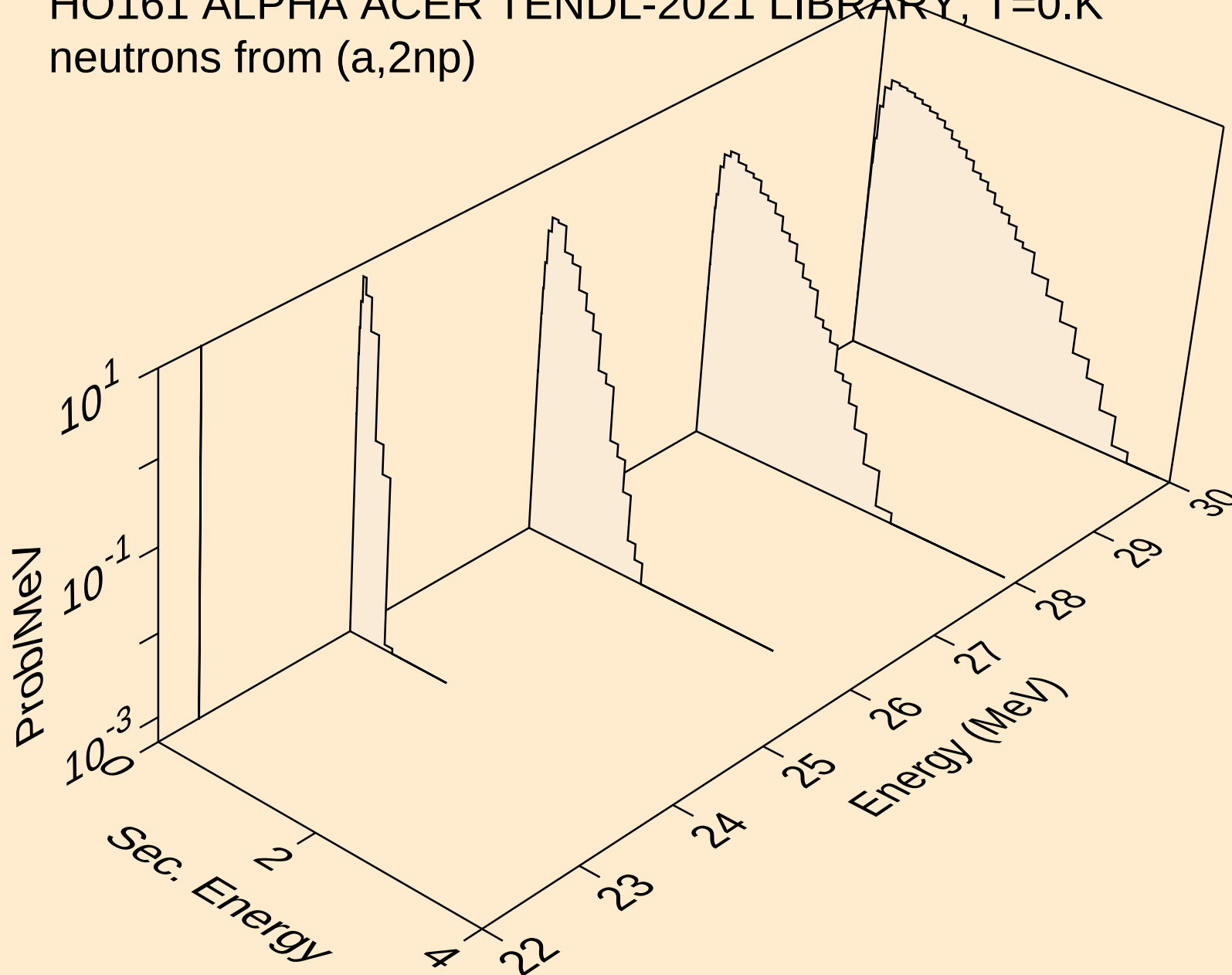
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



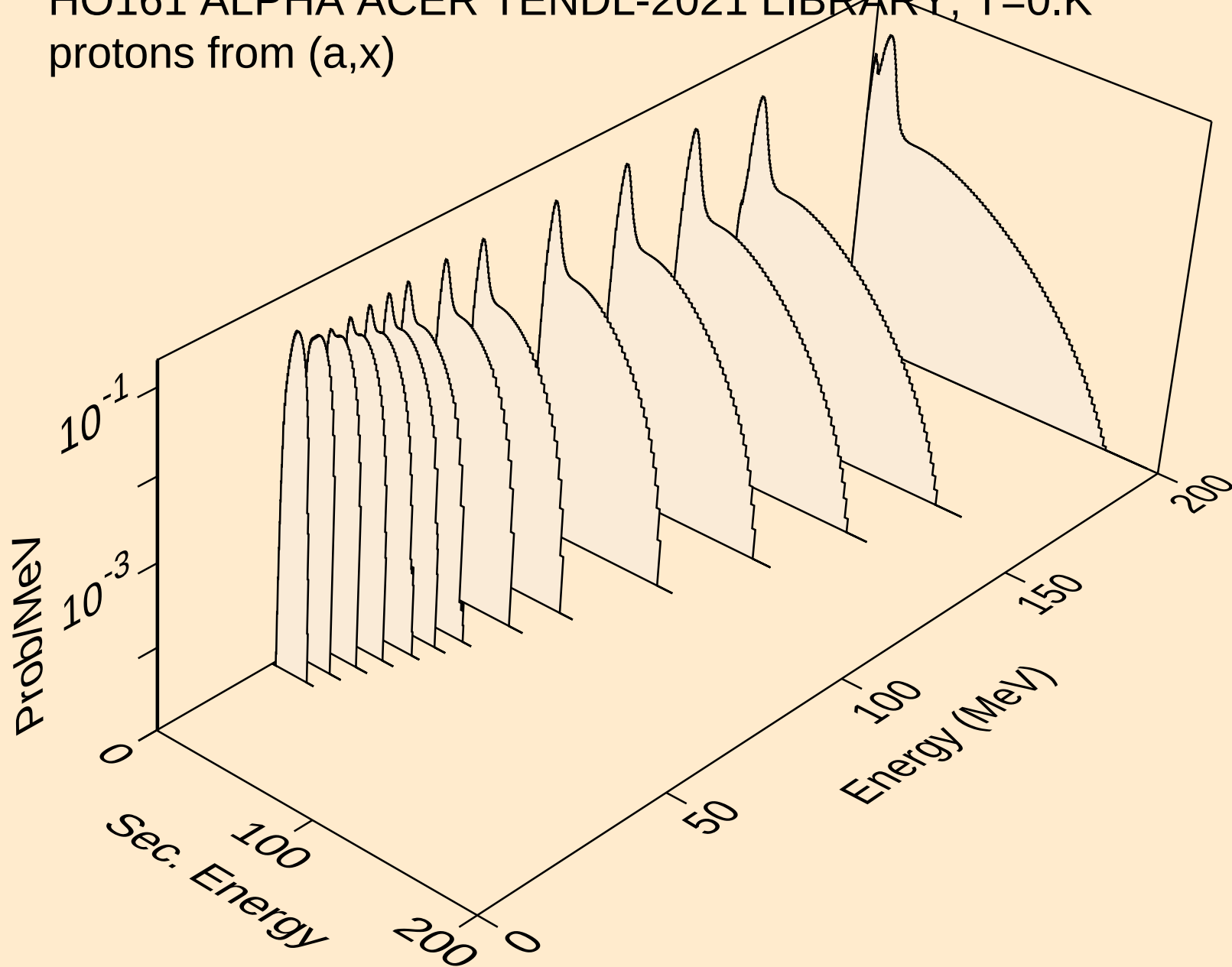
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t



HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)

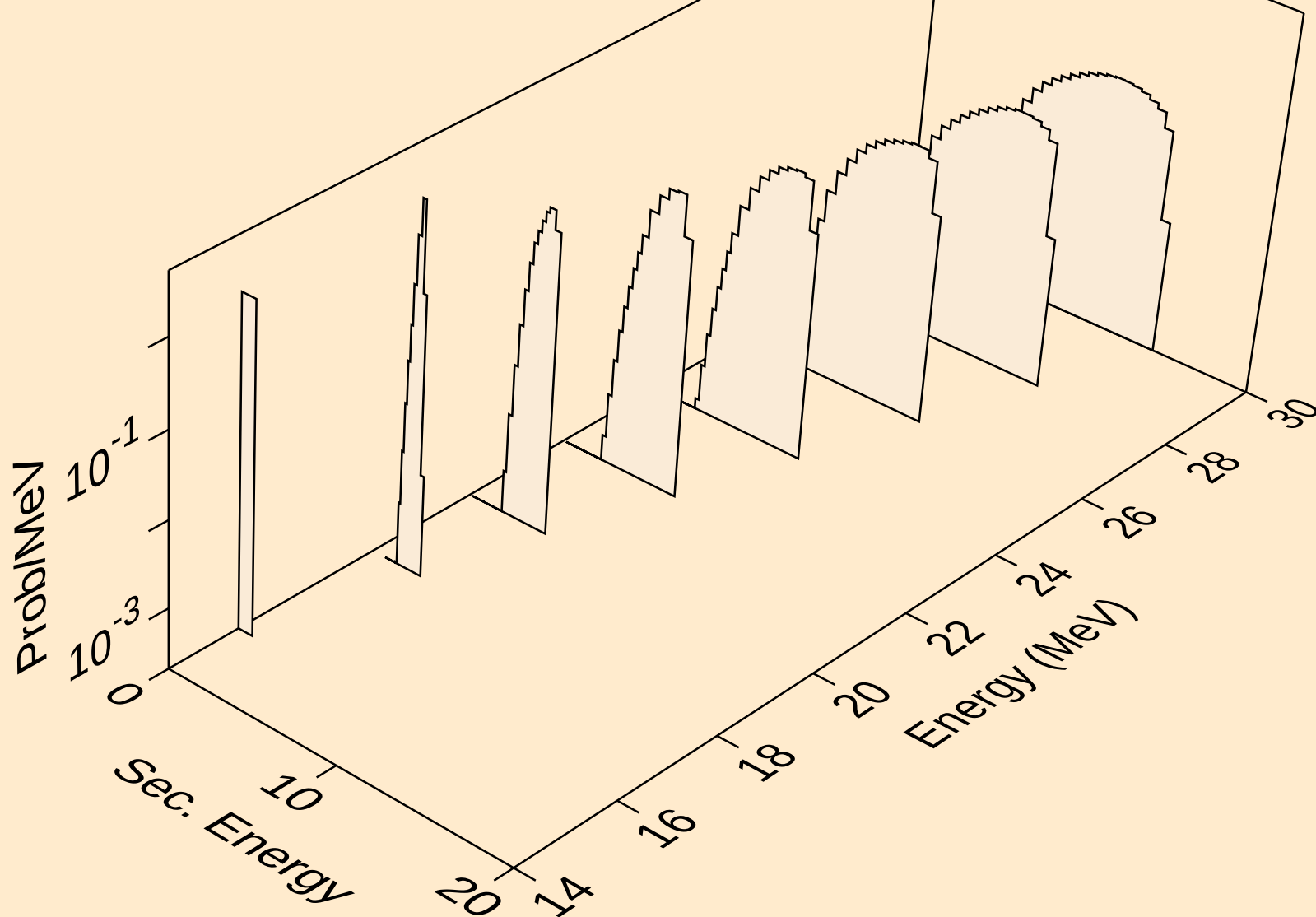


HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)

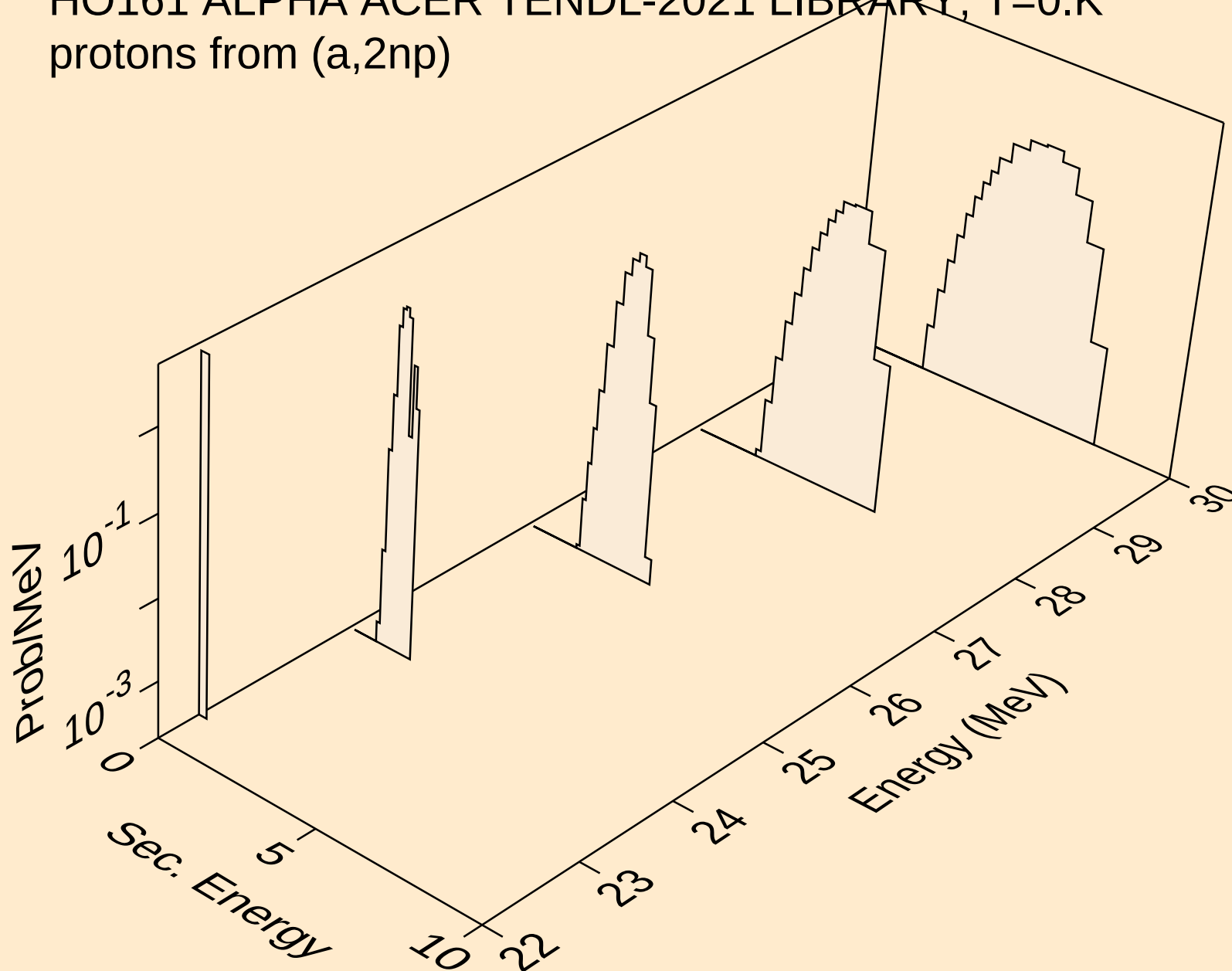




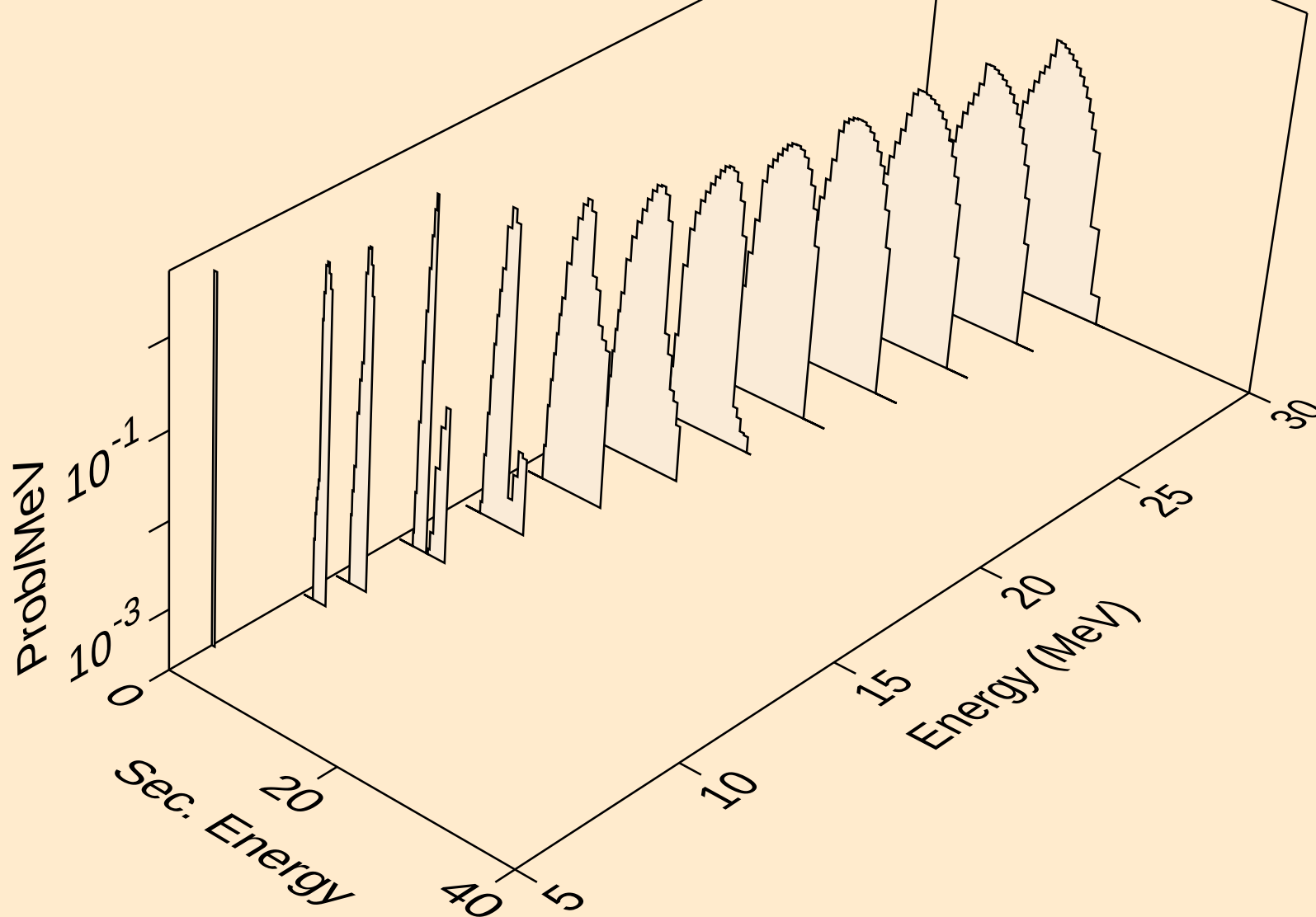
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



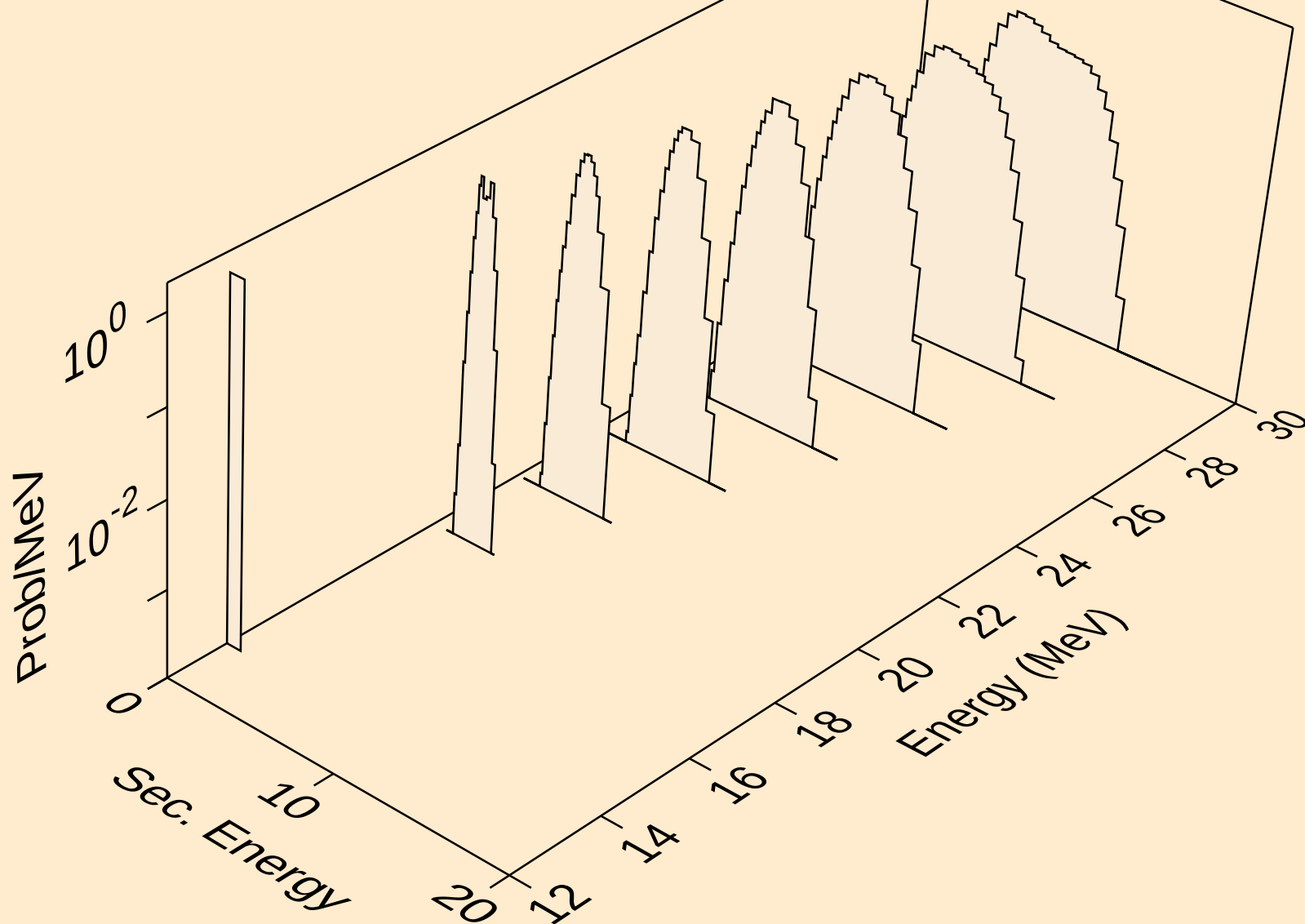
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



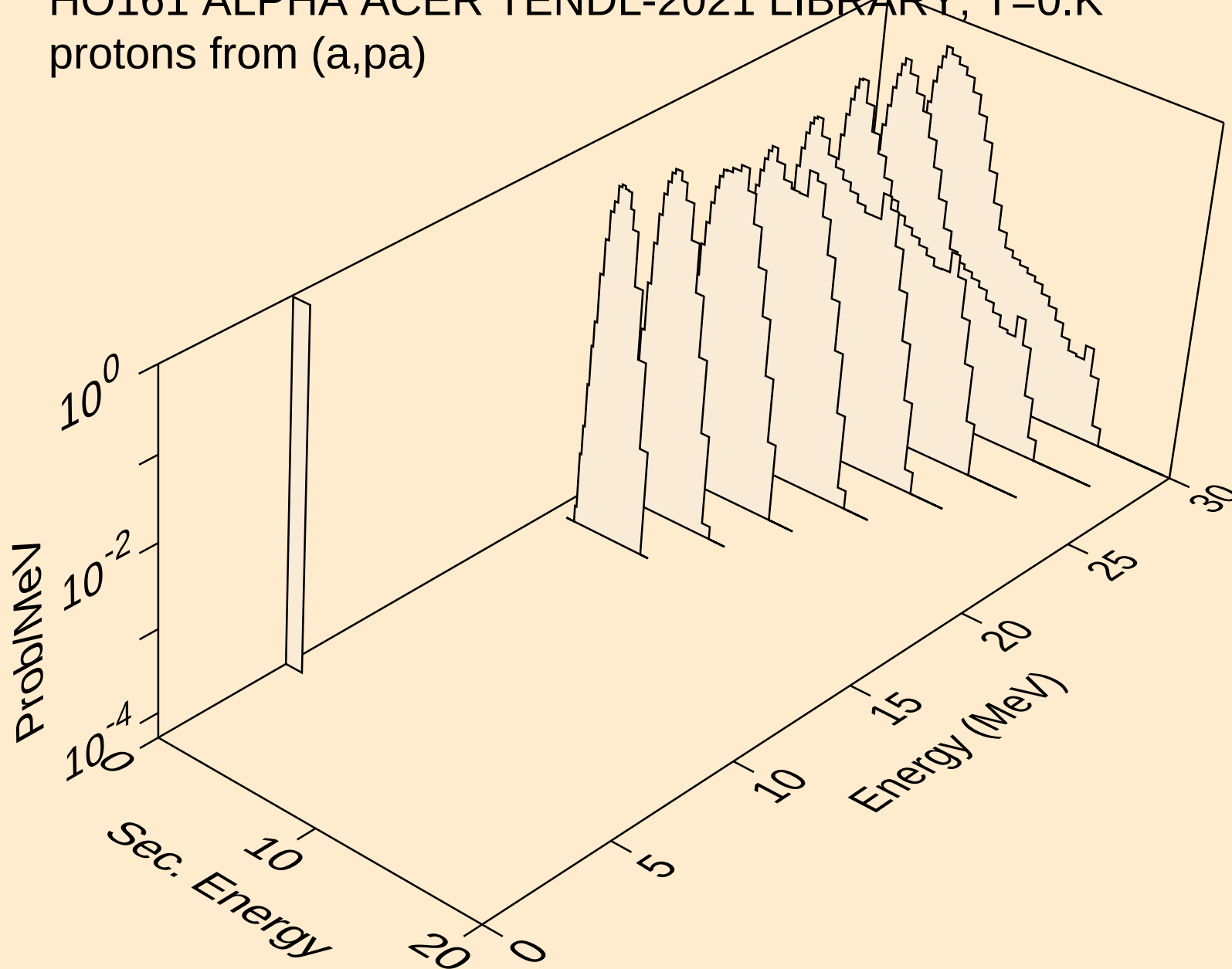
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



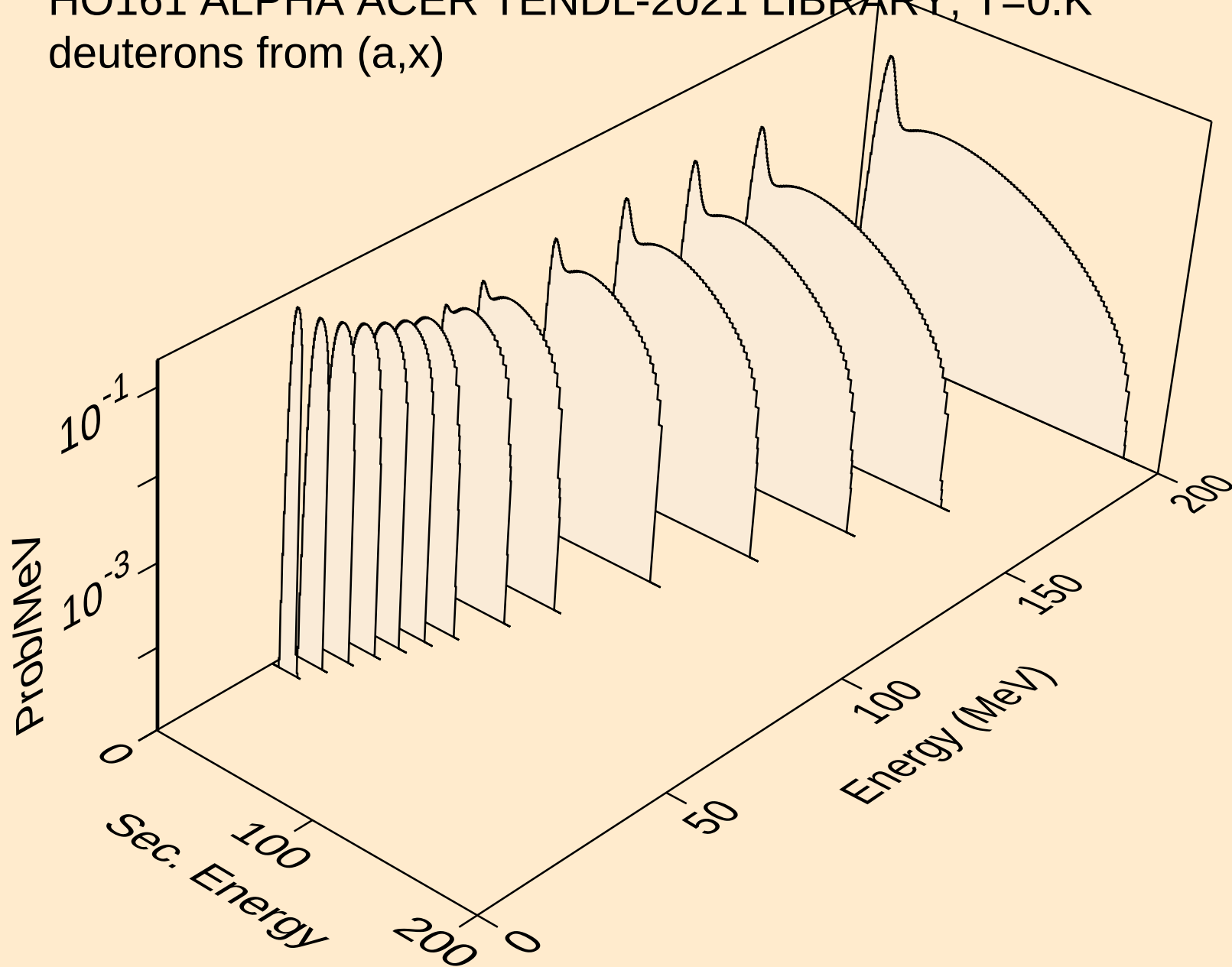
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



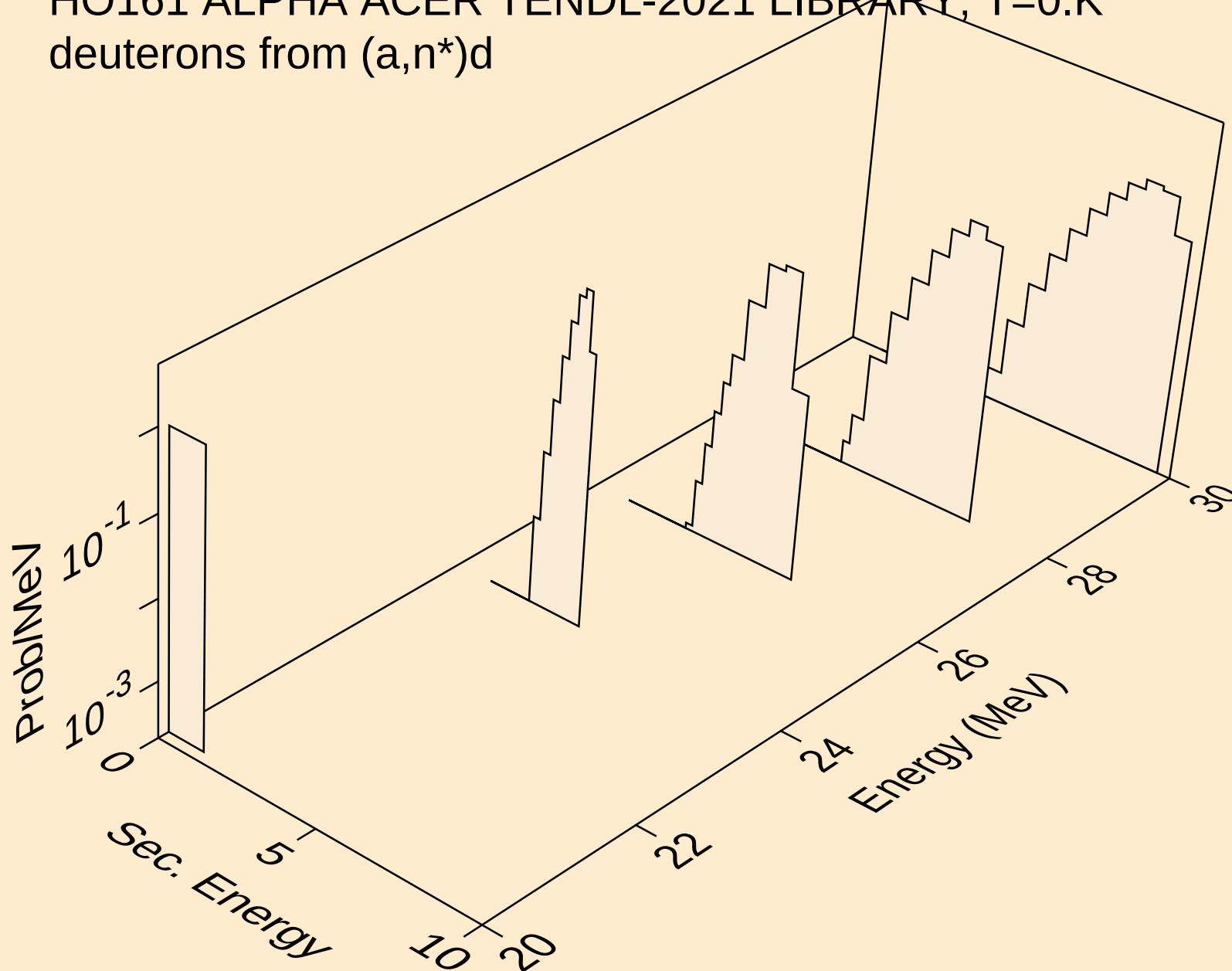
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



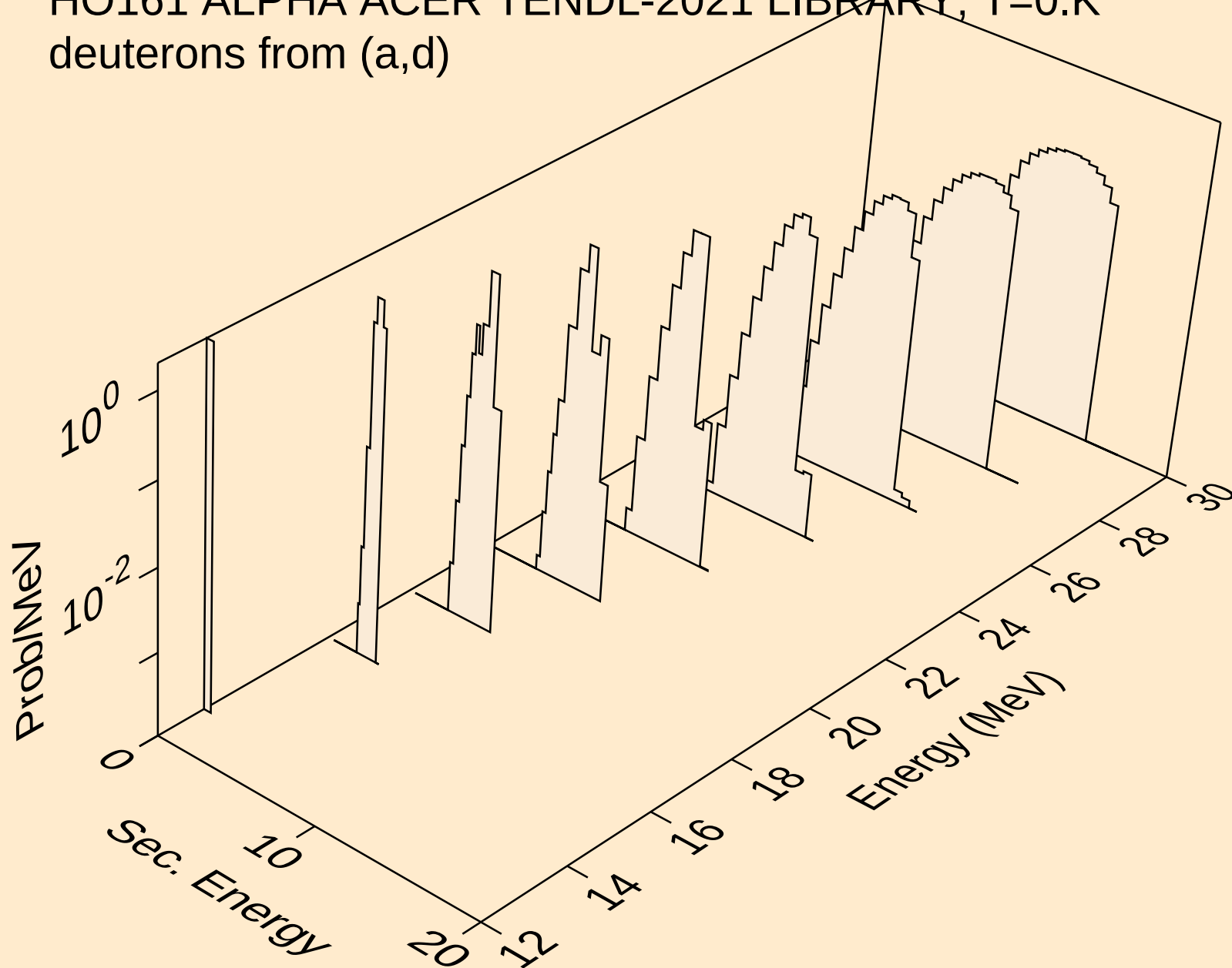
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d

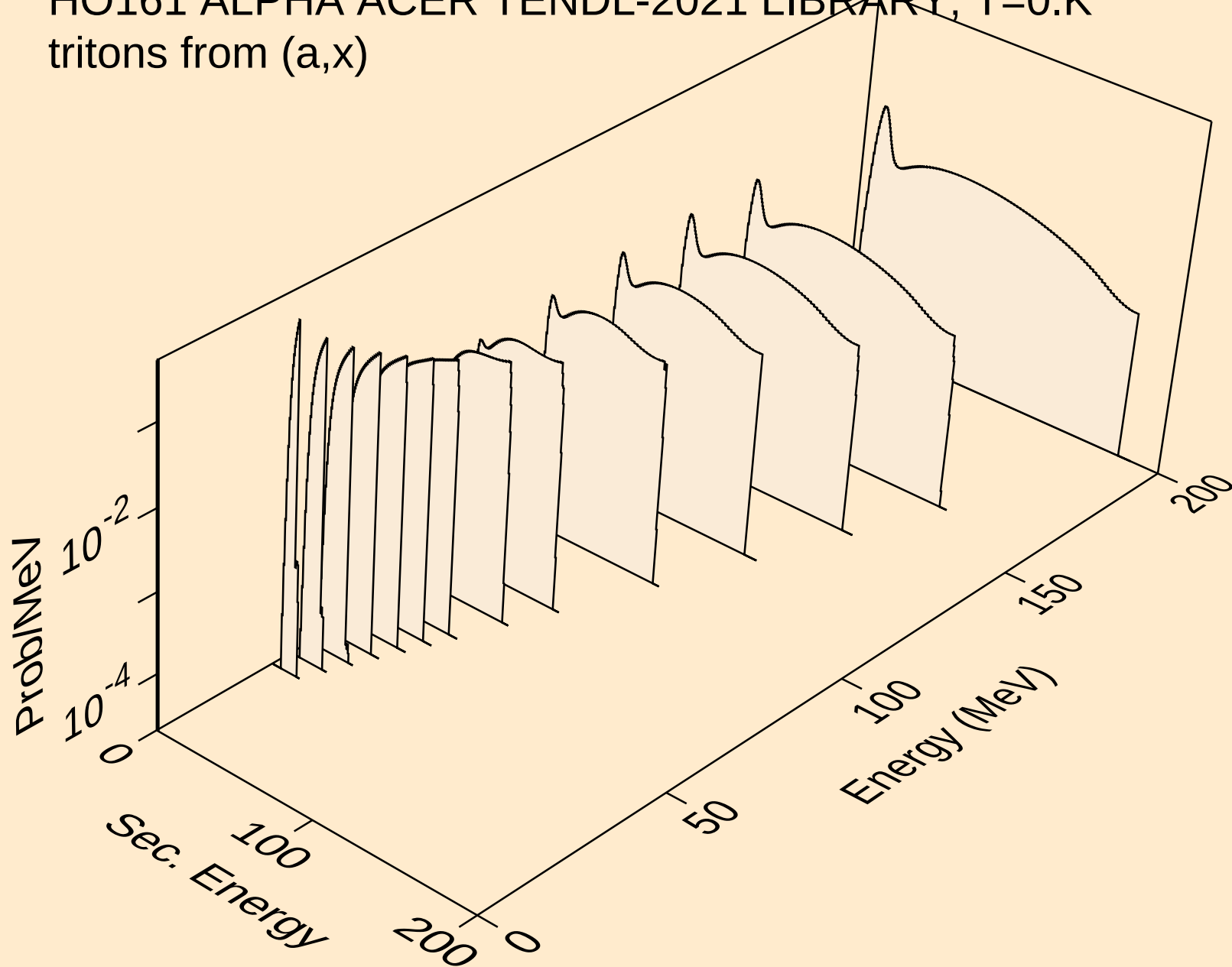


HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)

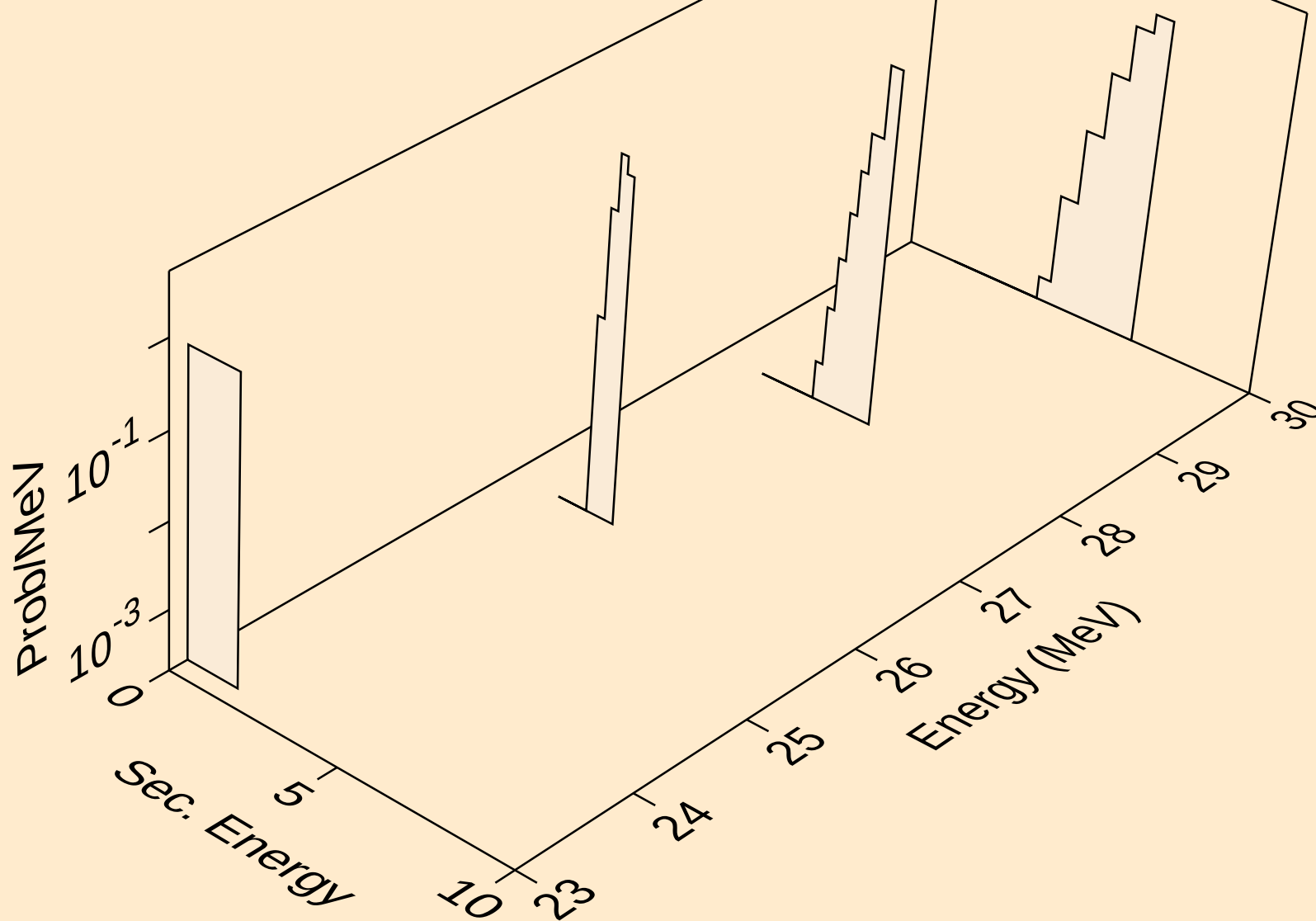




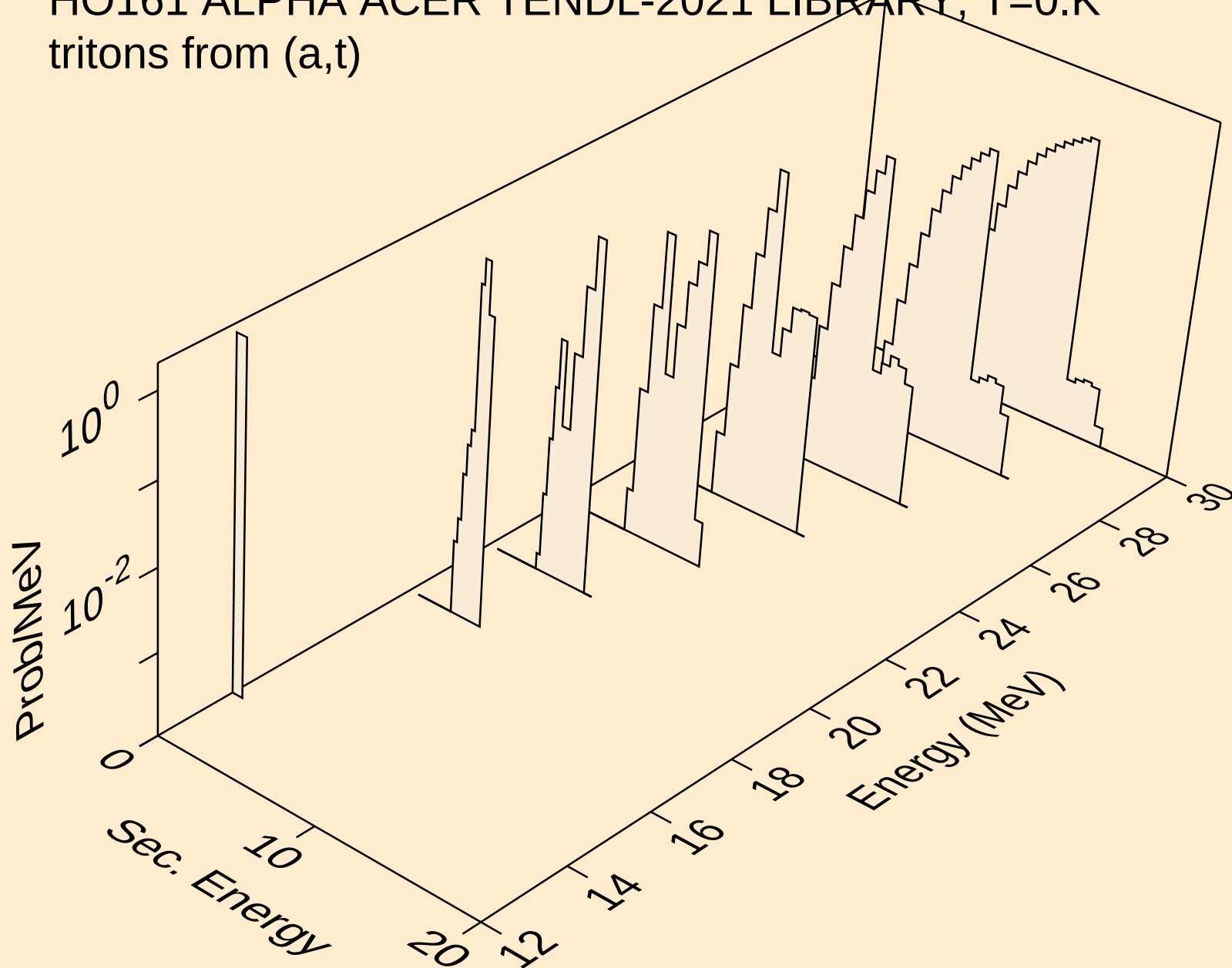
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



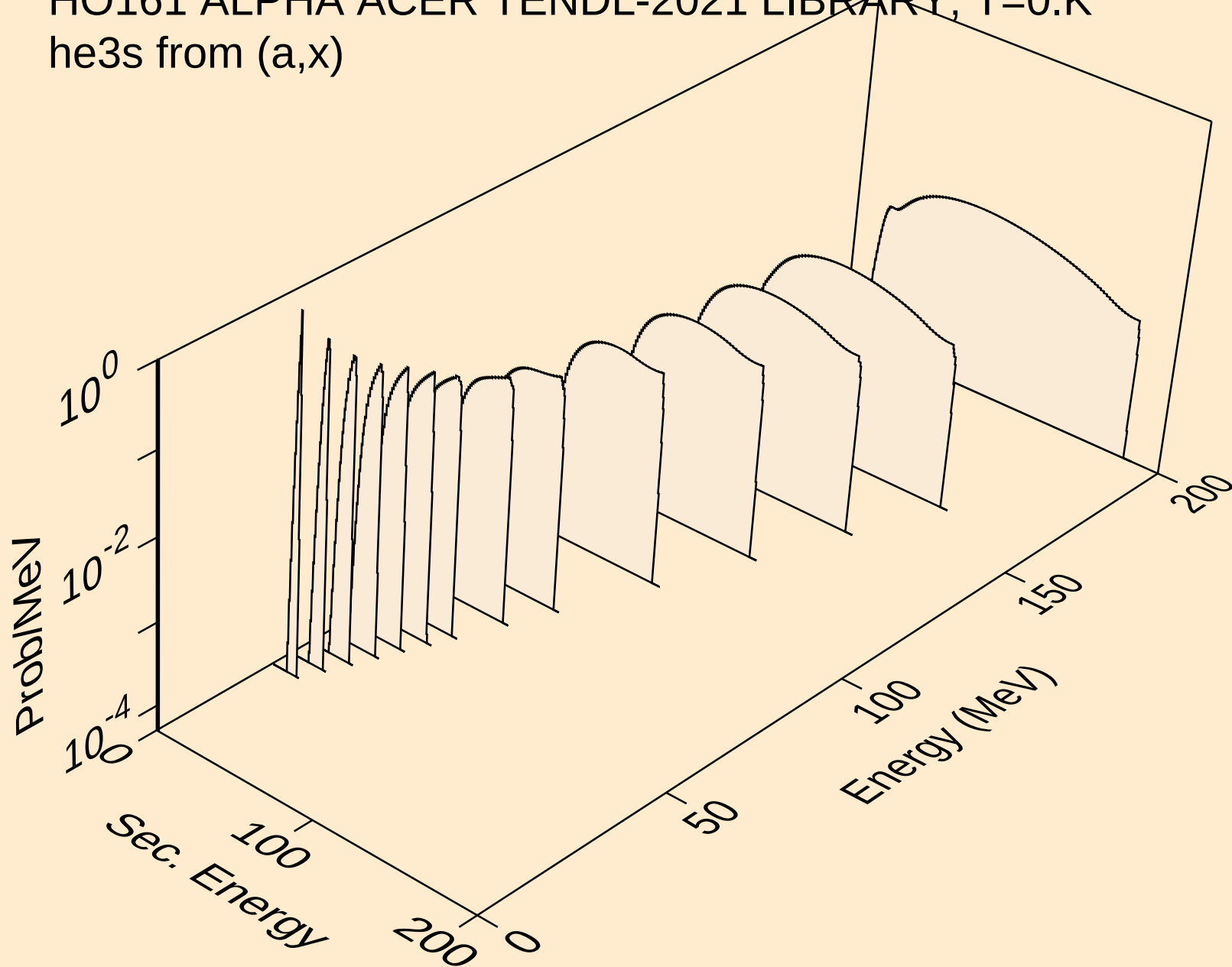
HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



HO161 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

