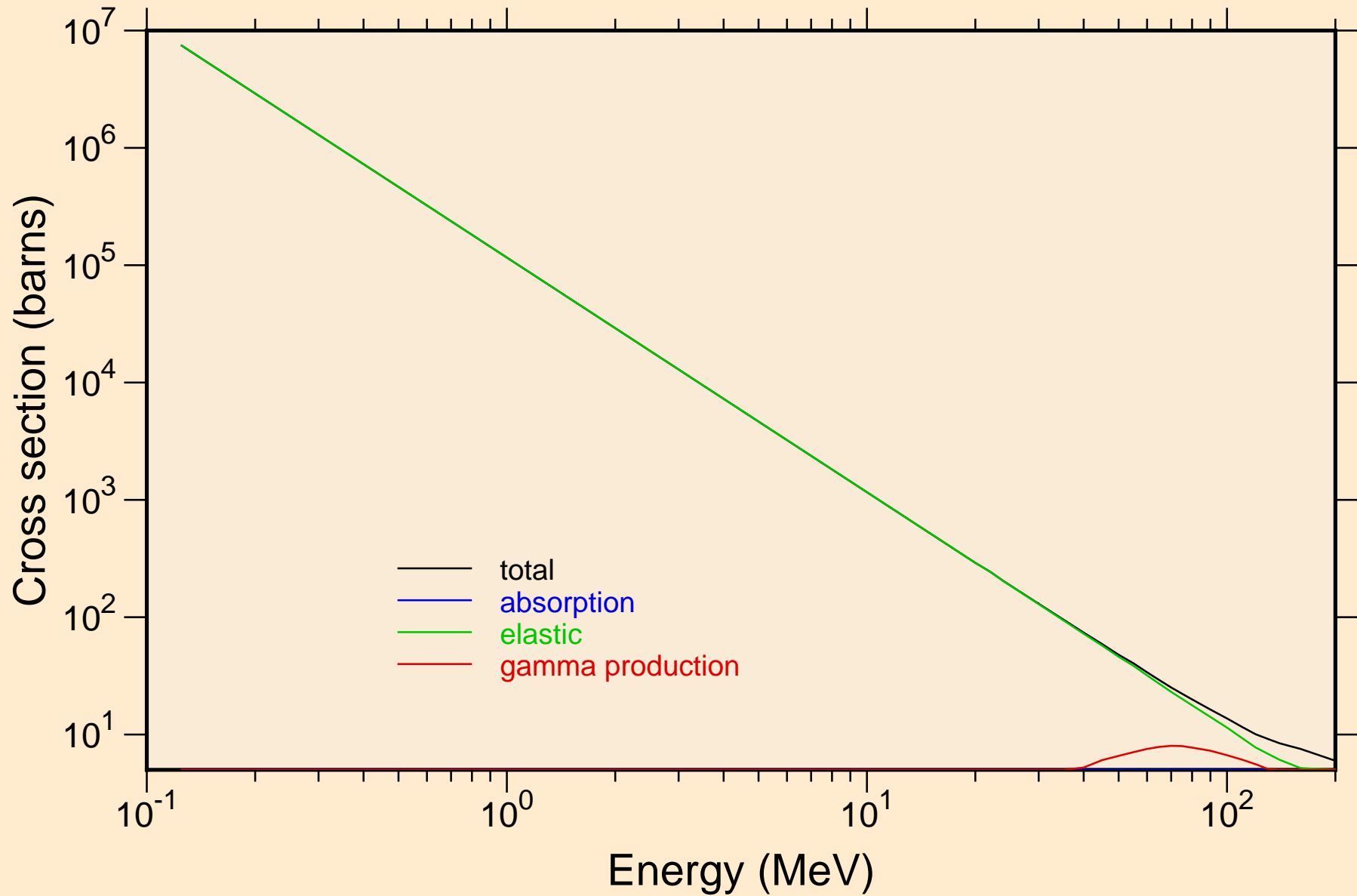


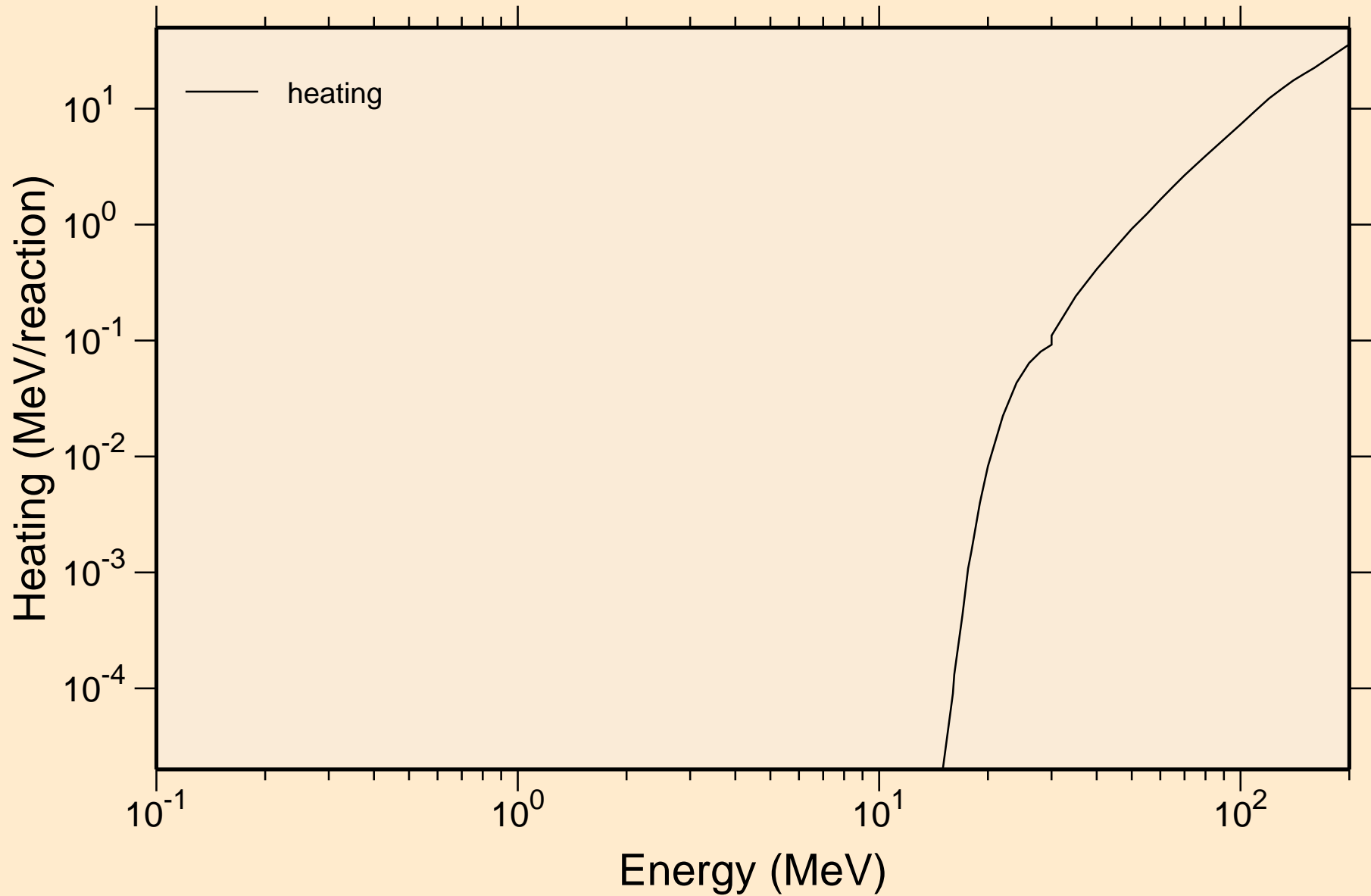
# HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



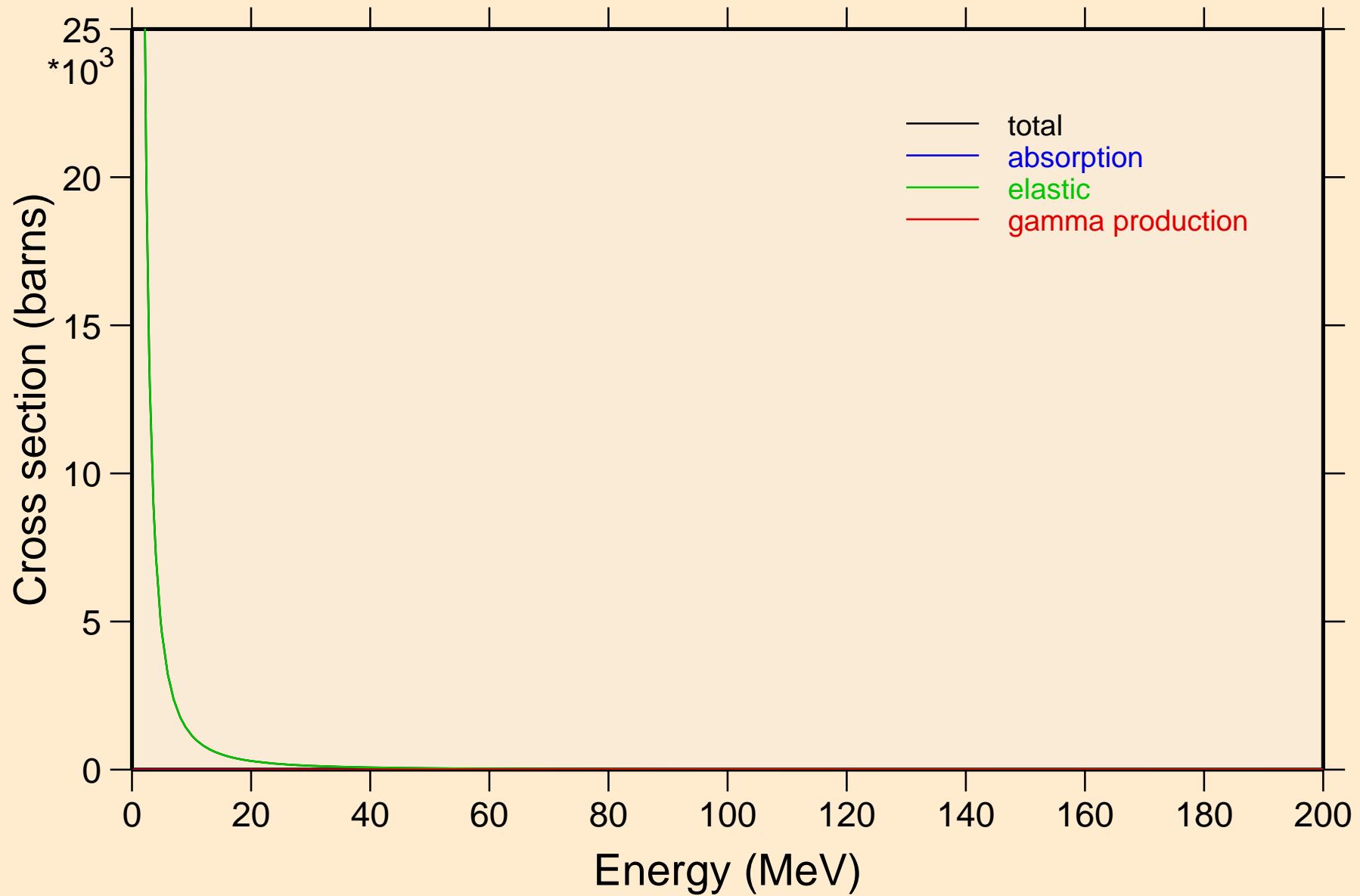
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



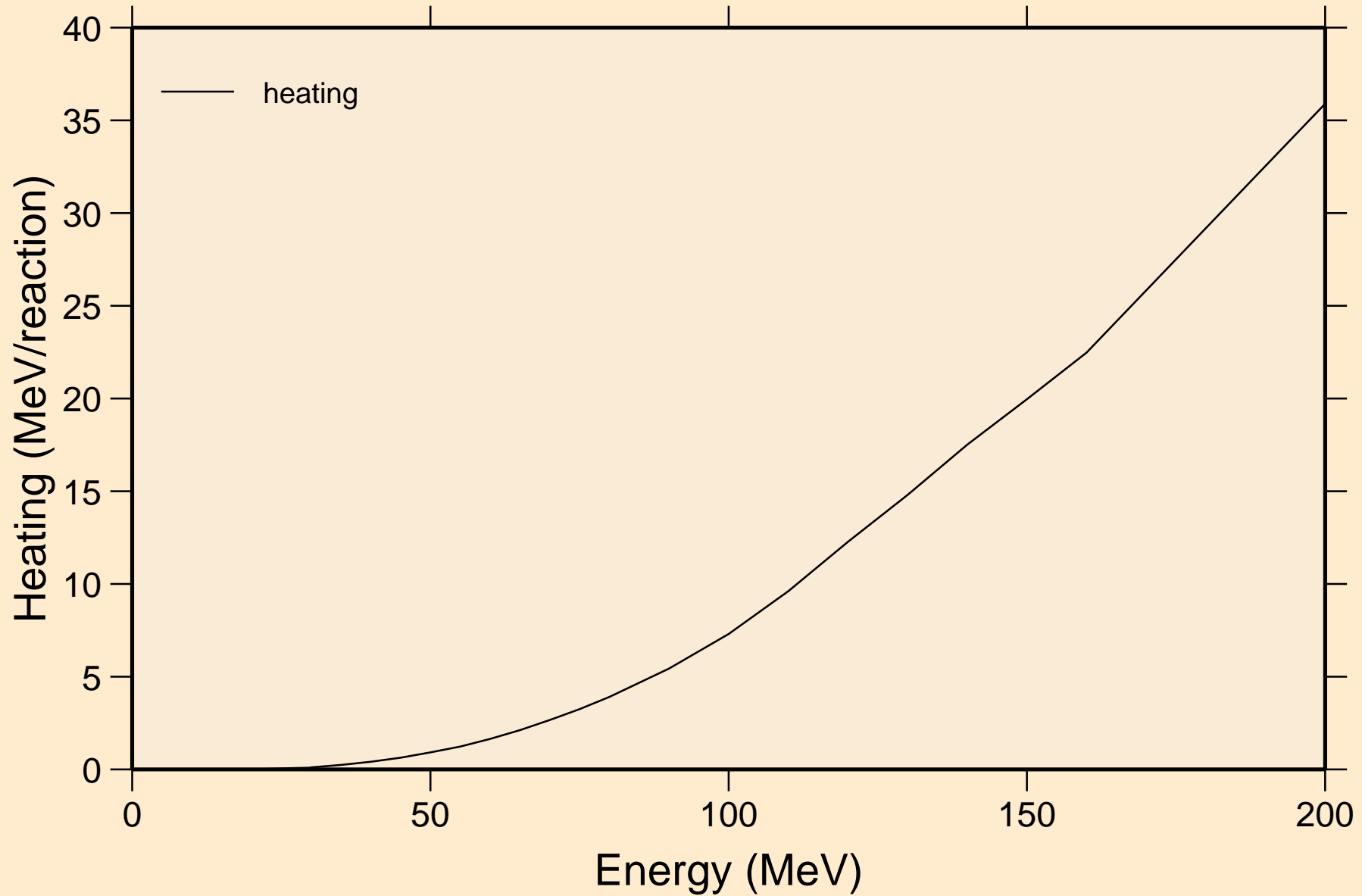
# HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

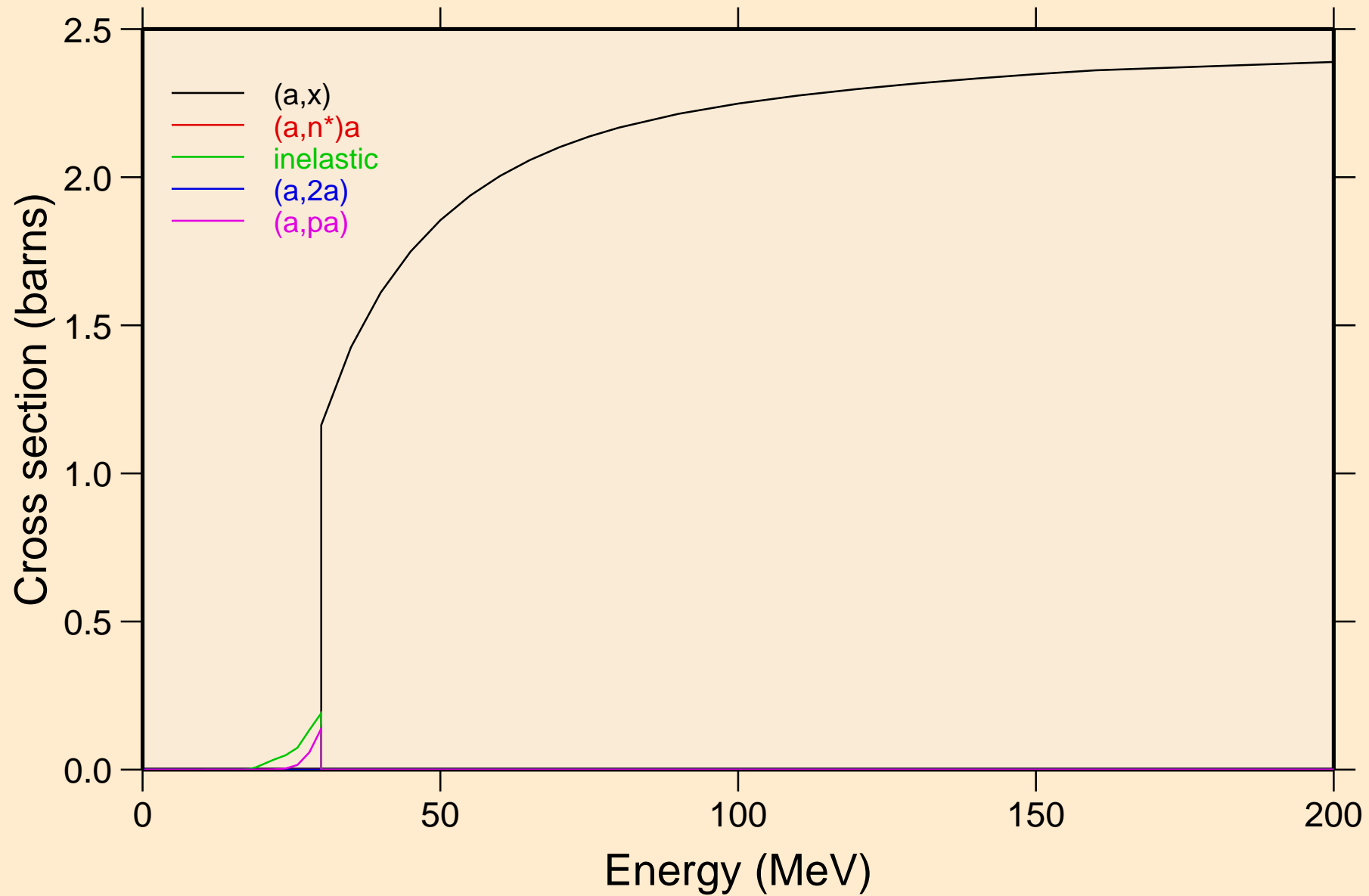


# HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

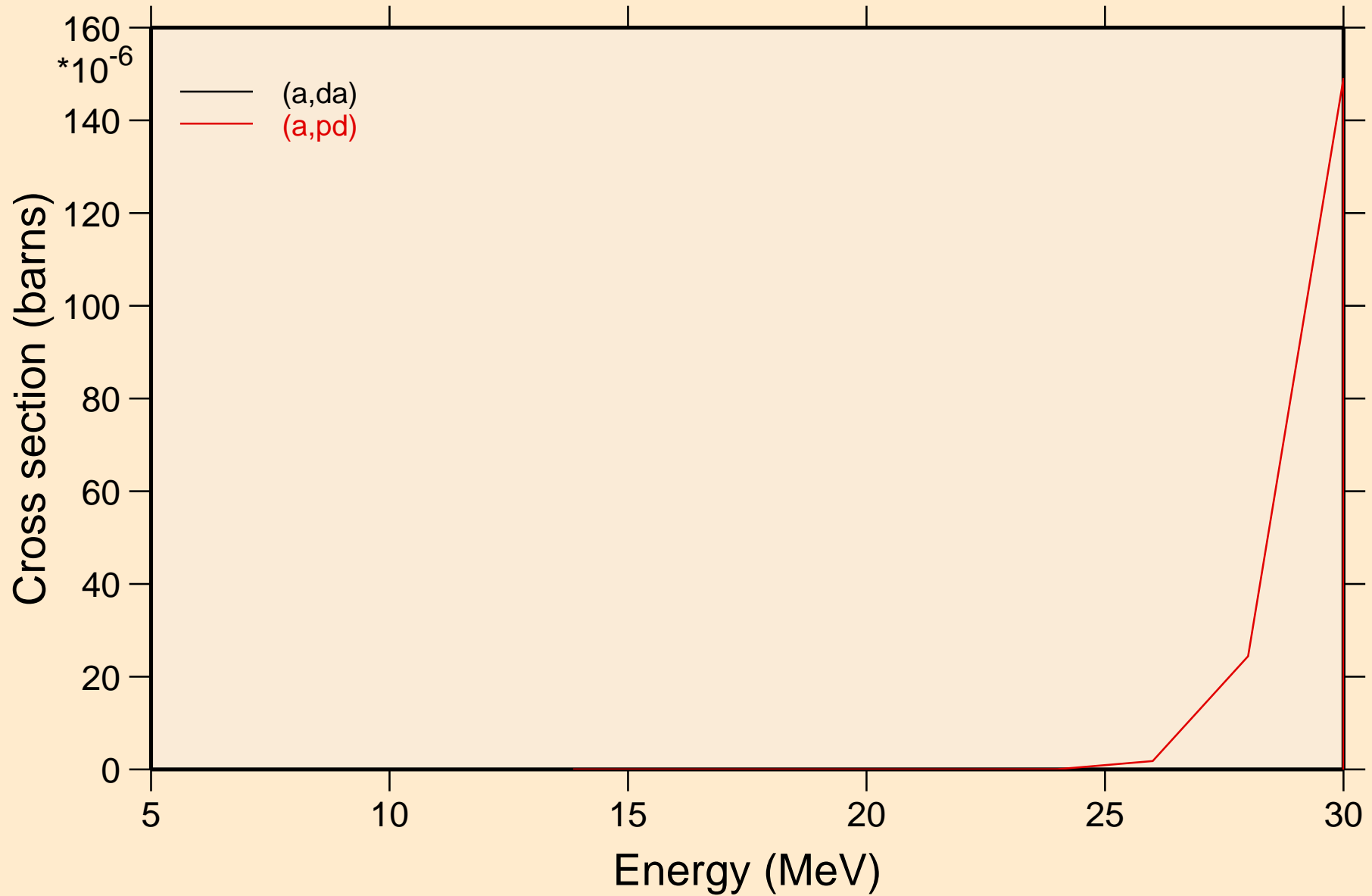
## Heating



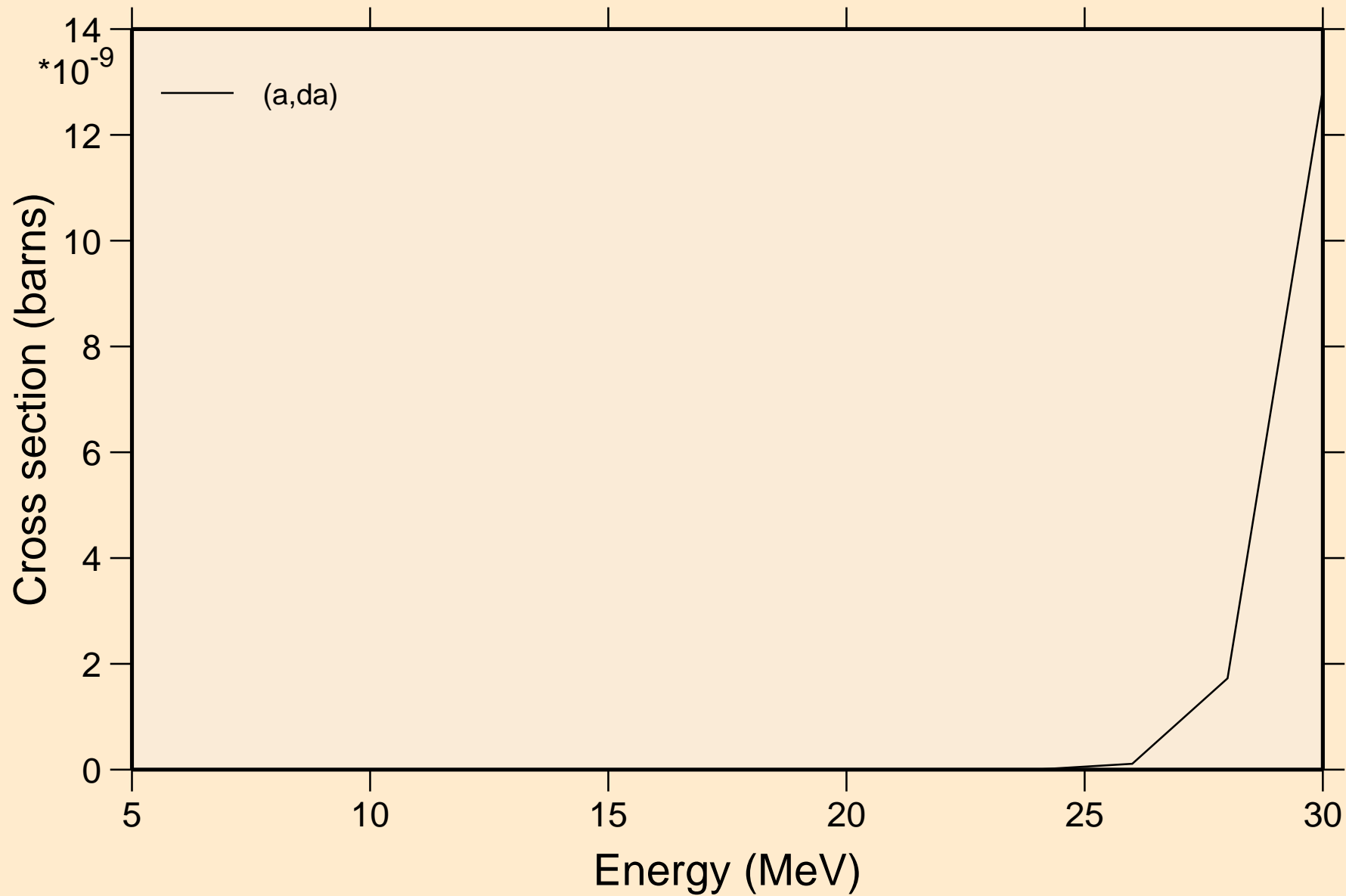
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



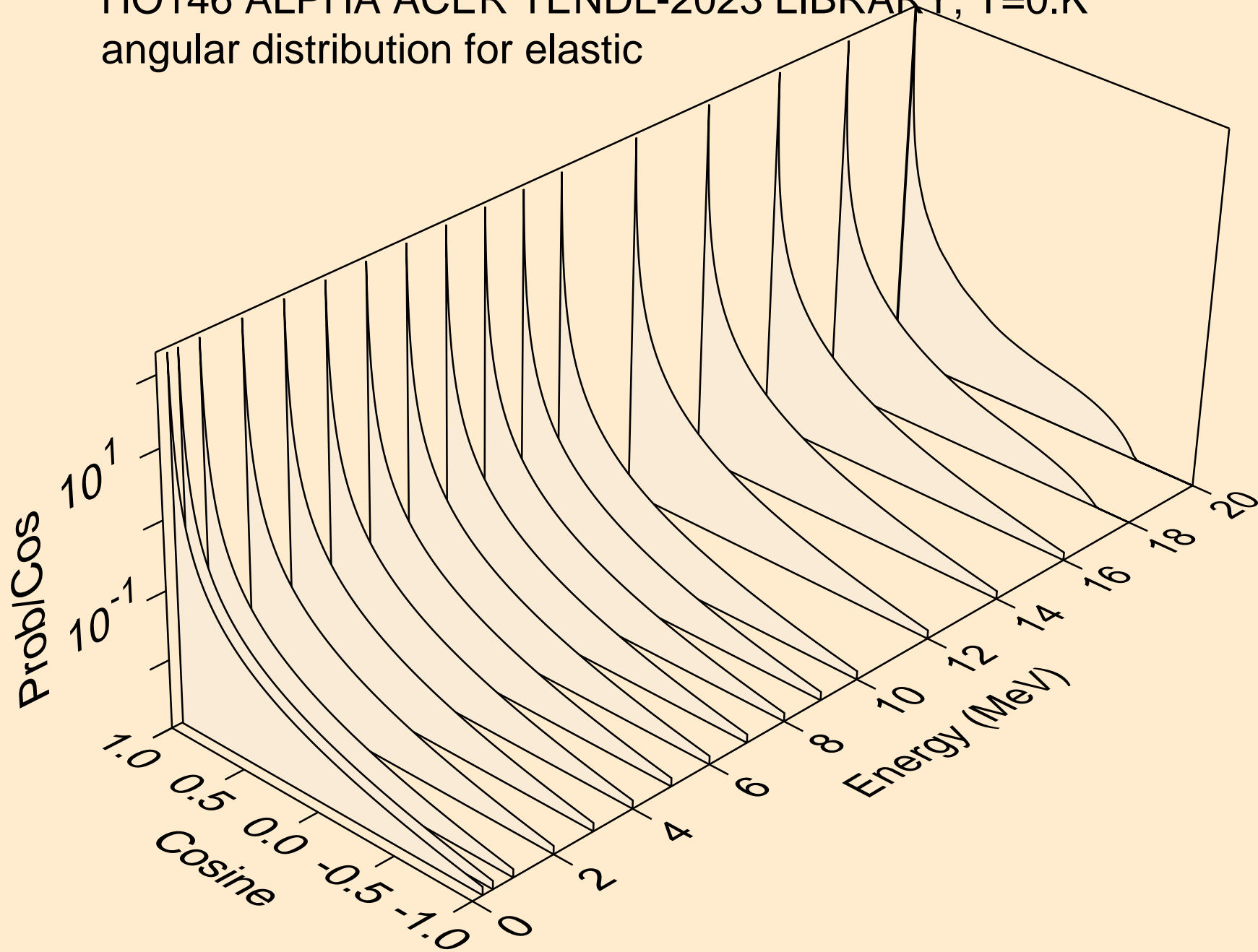
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

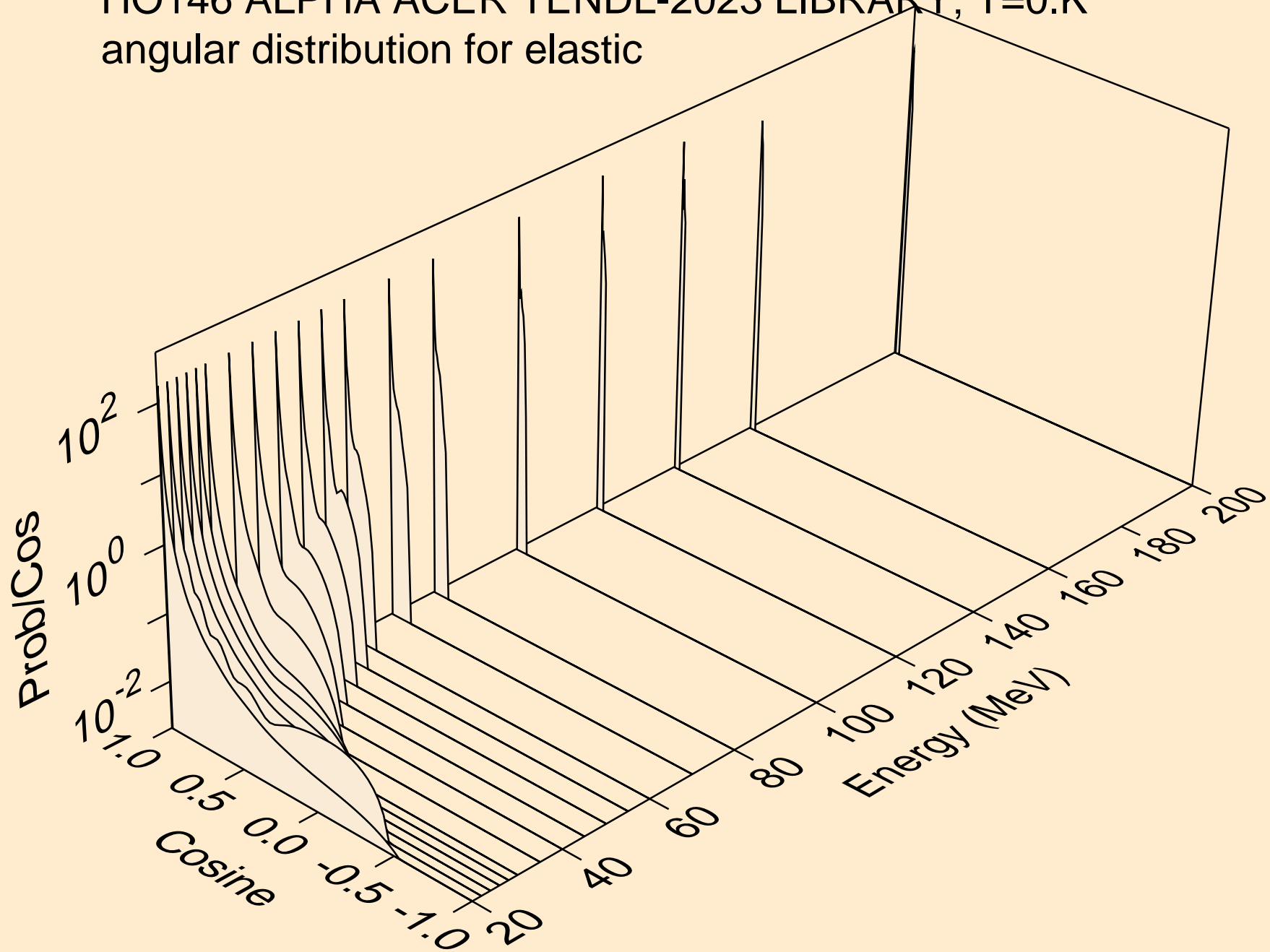


HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



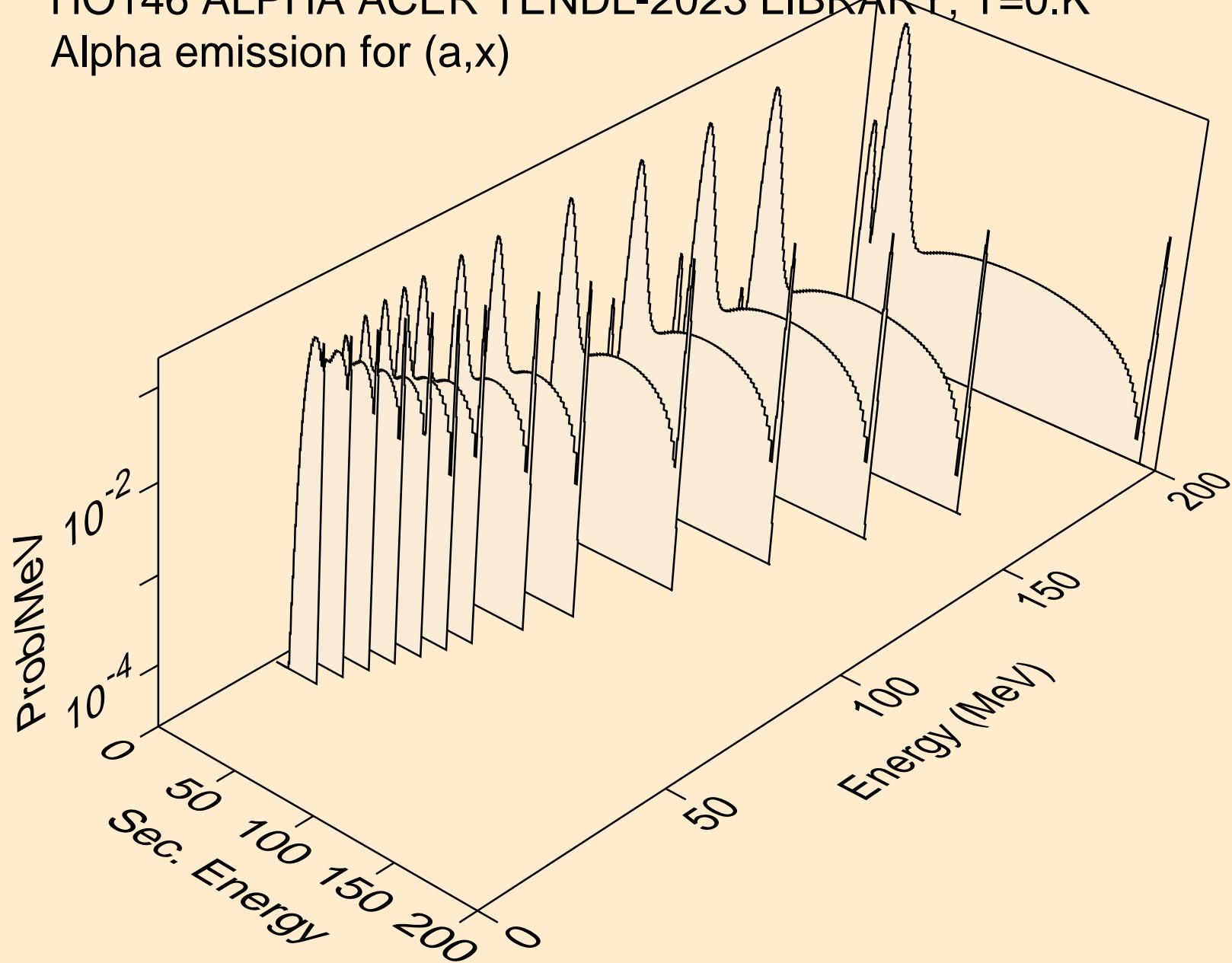


HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

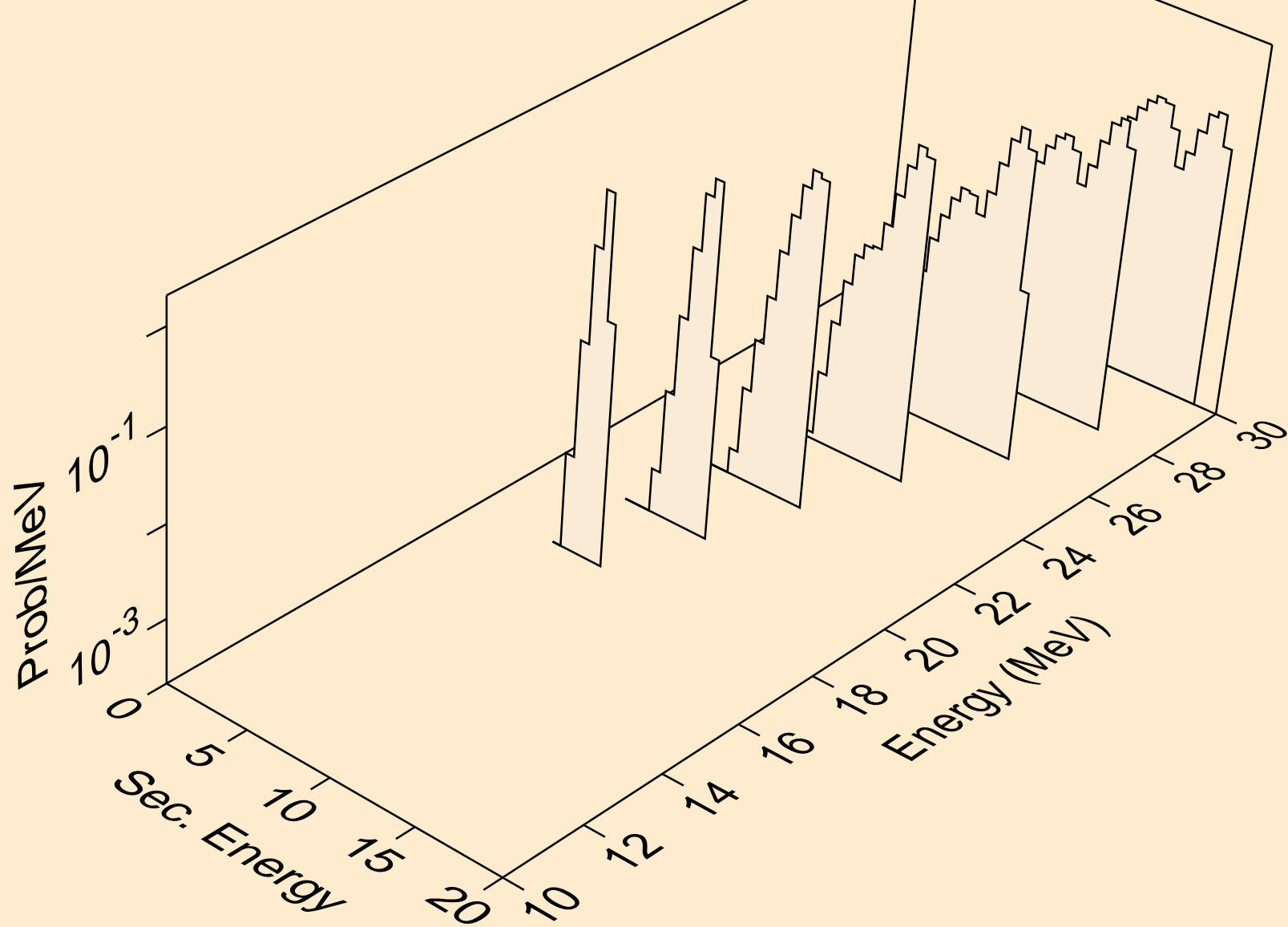


HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

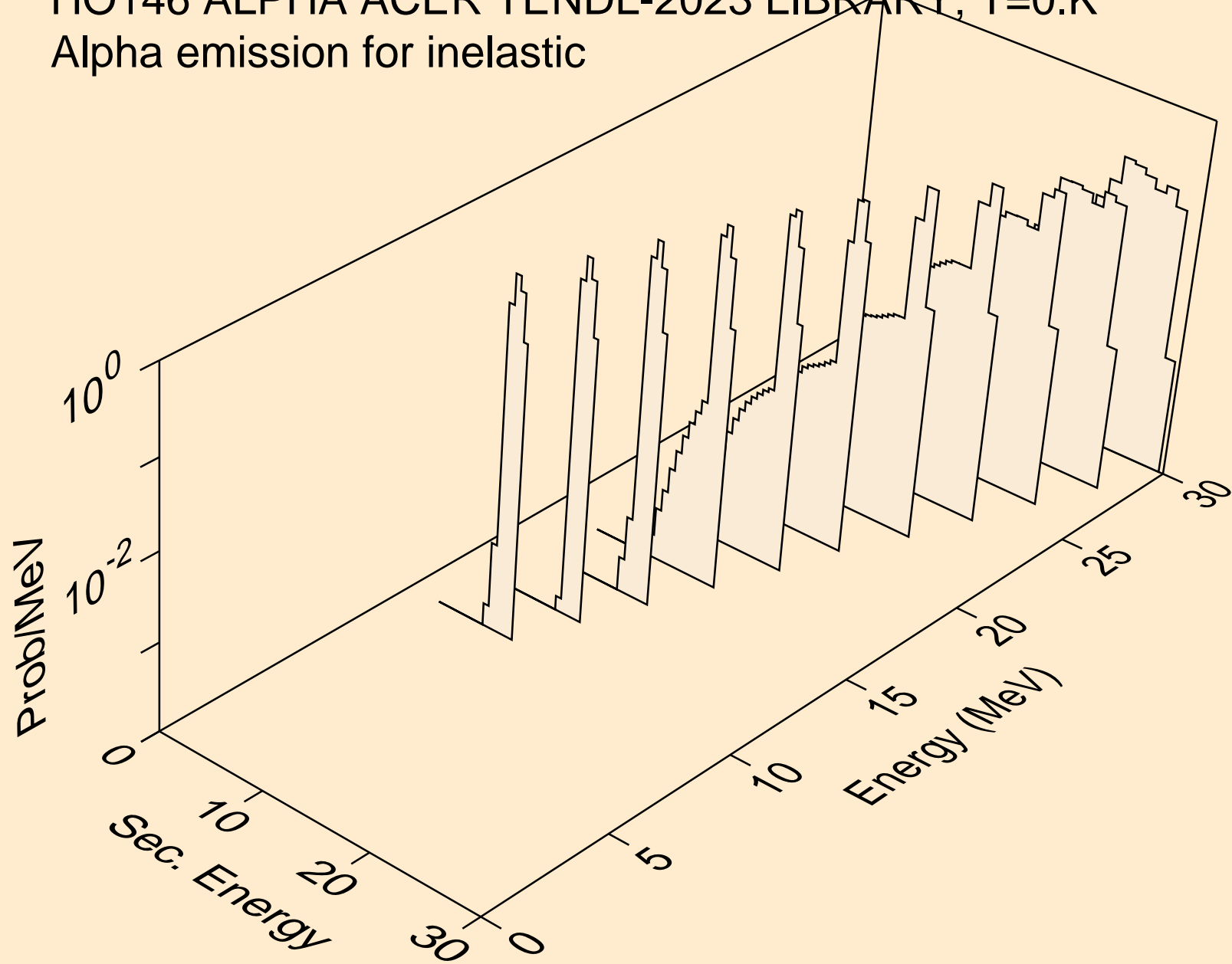
Alpha emission for (a,x)



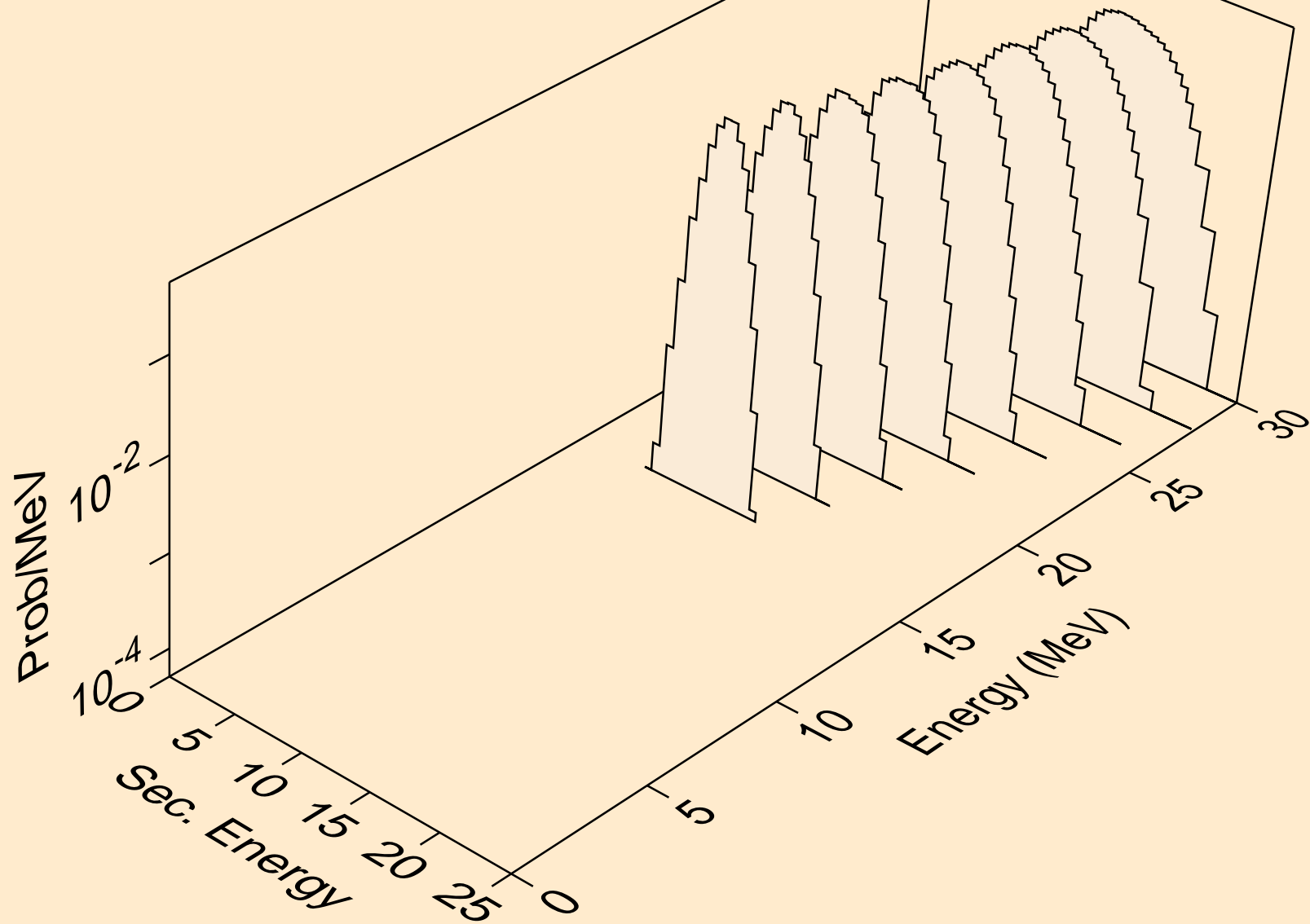
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



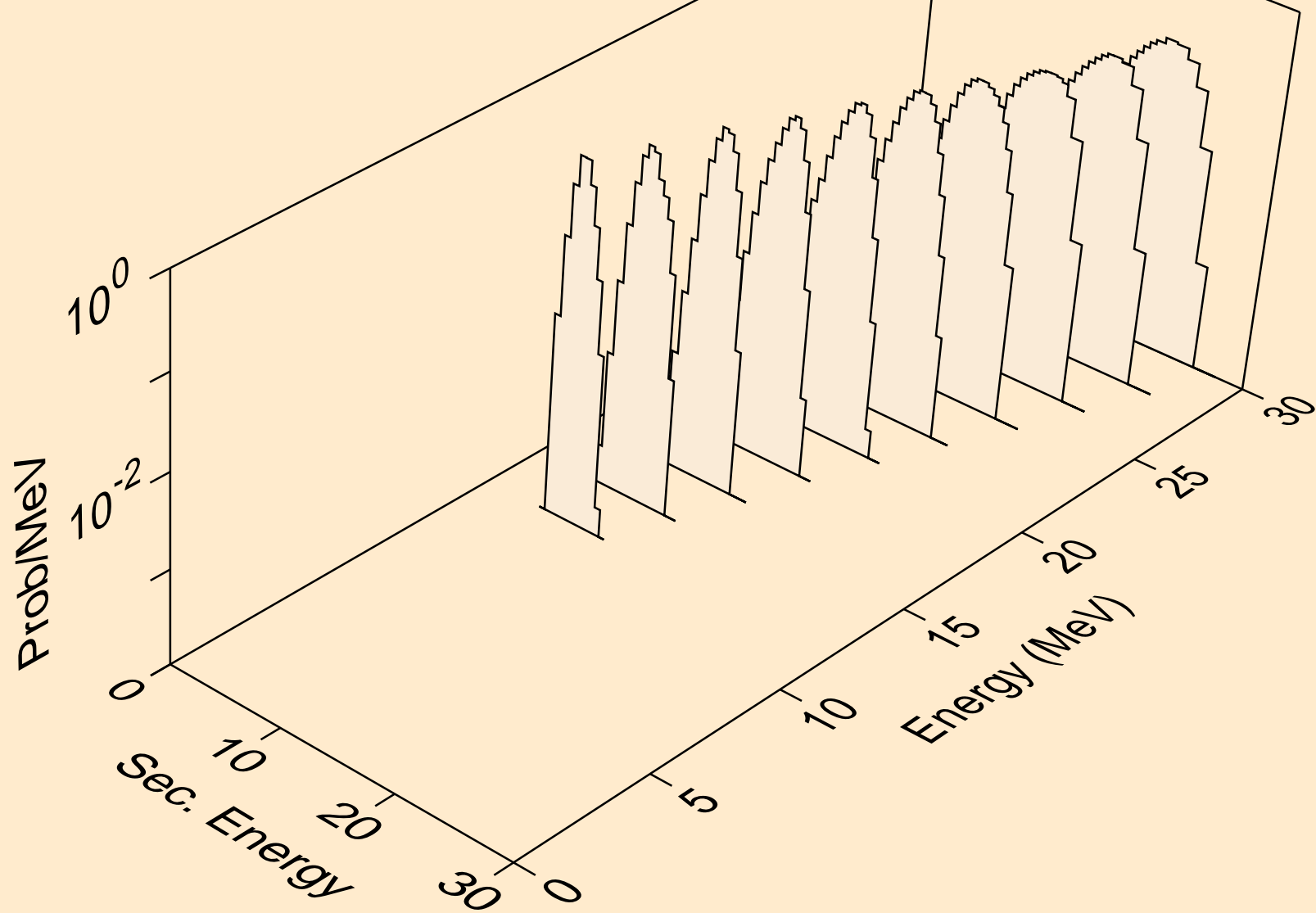
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



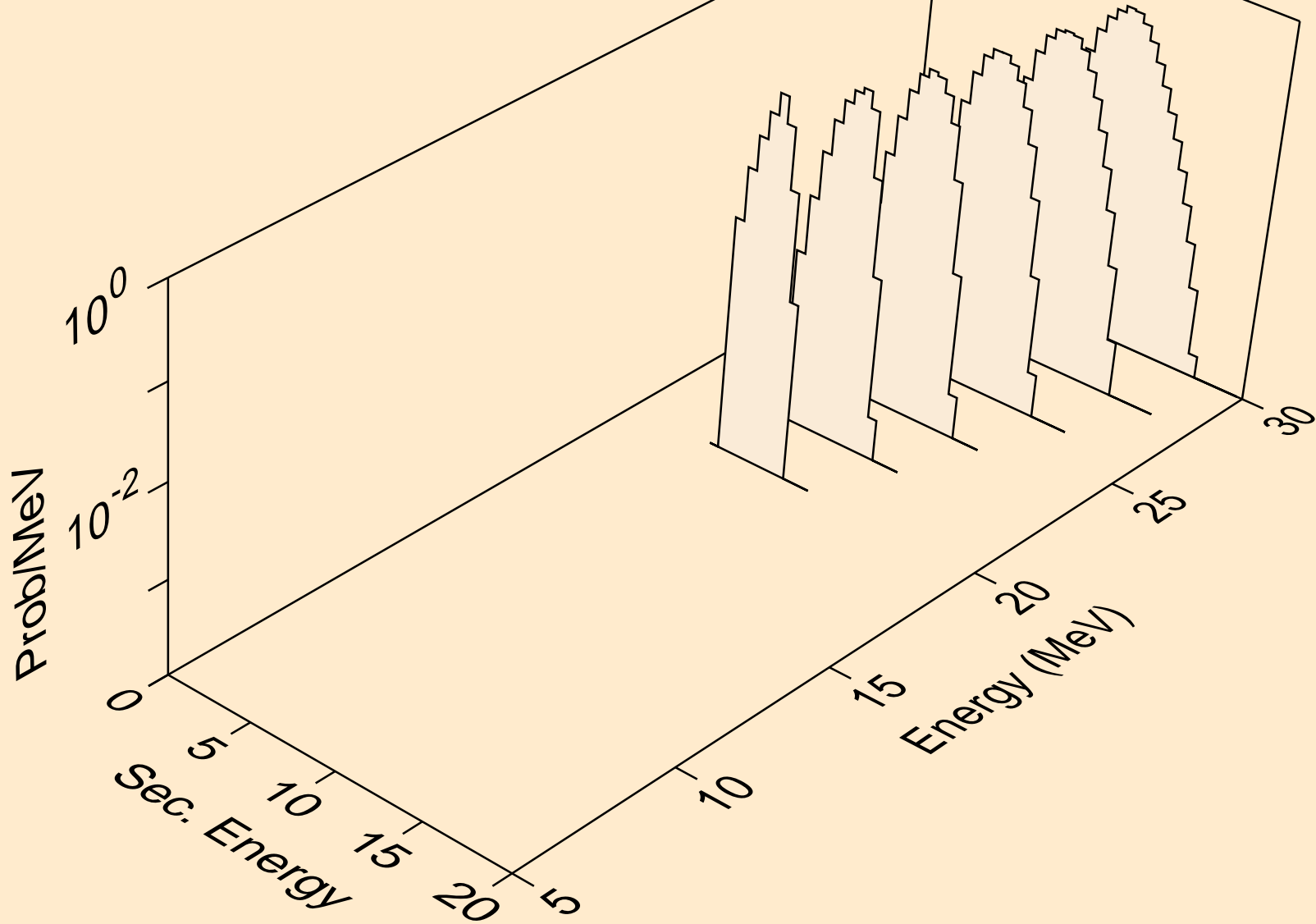
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



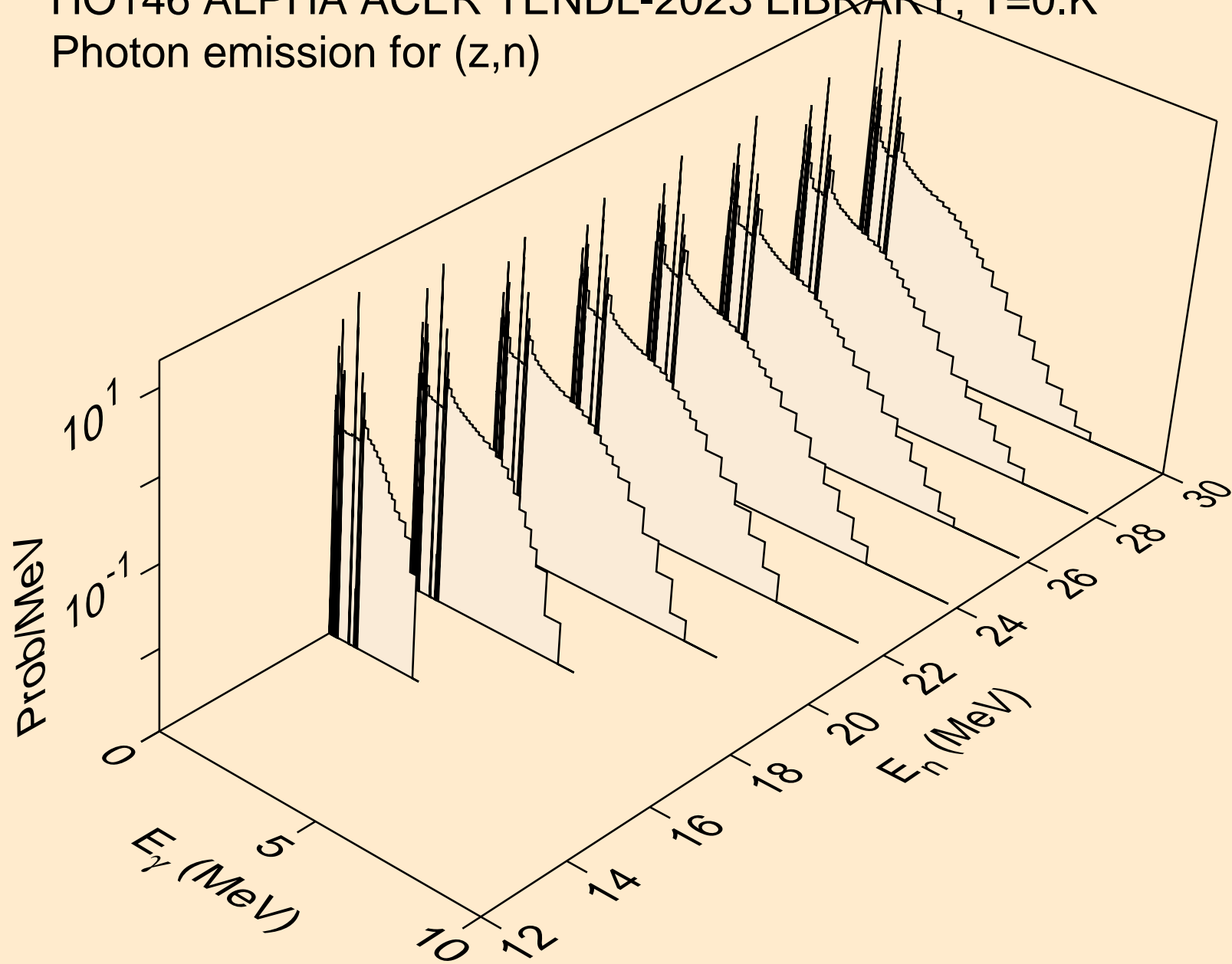
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)

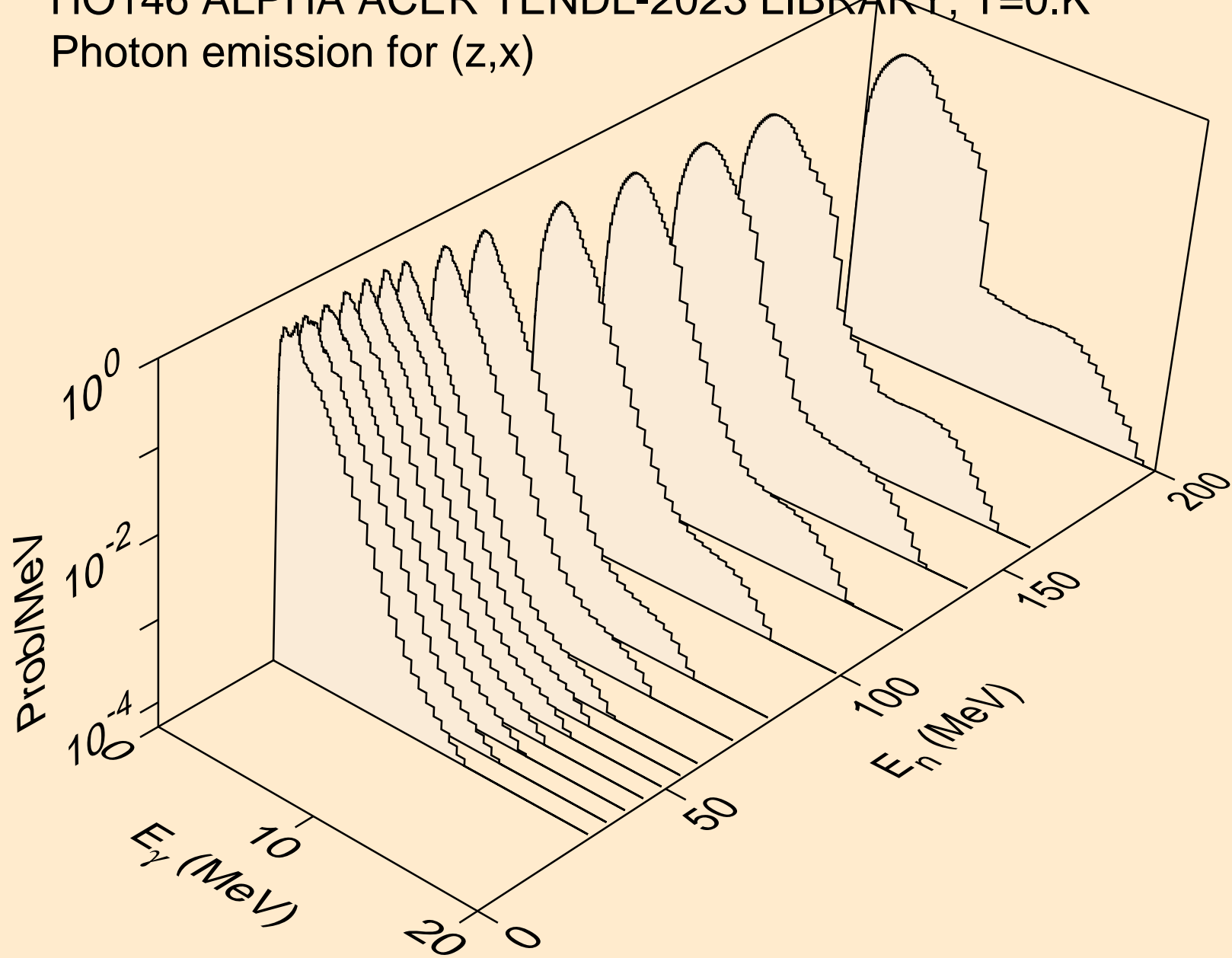


HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

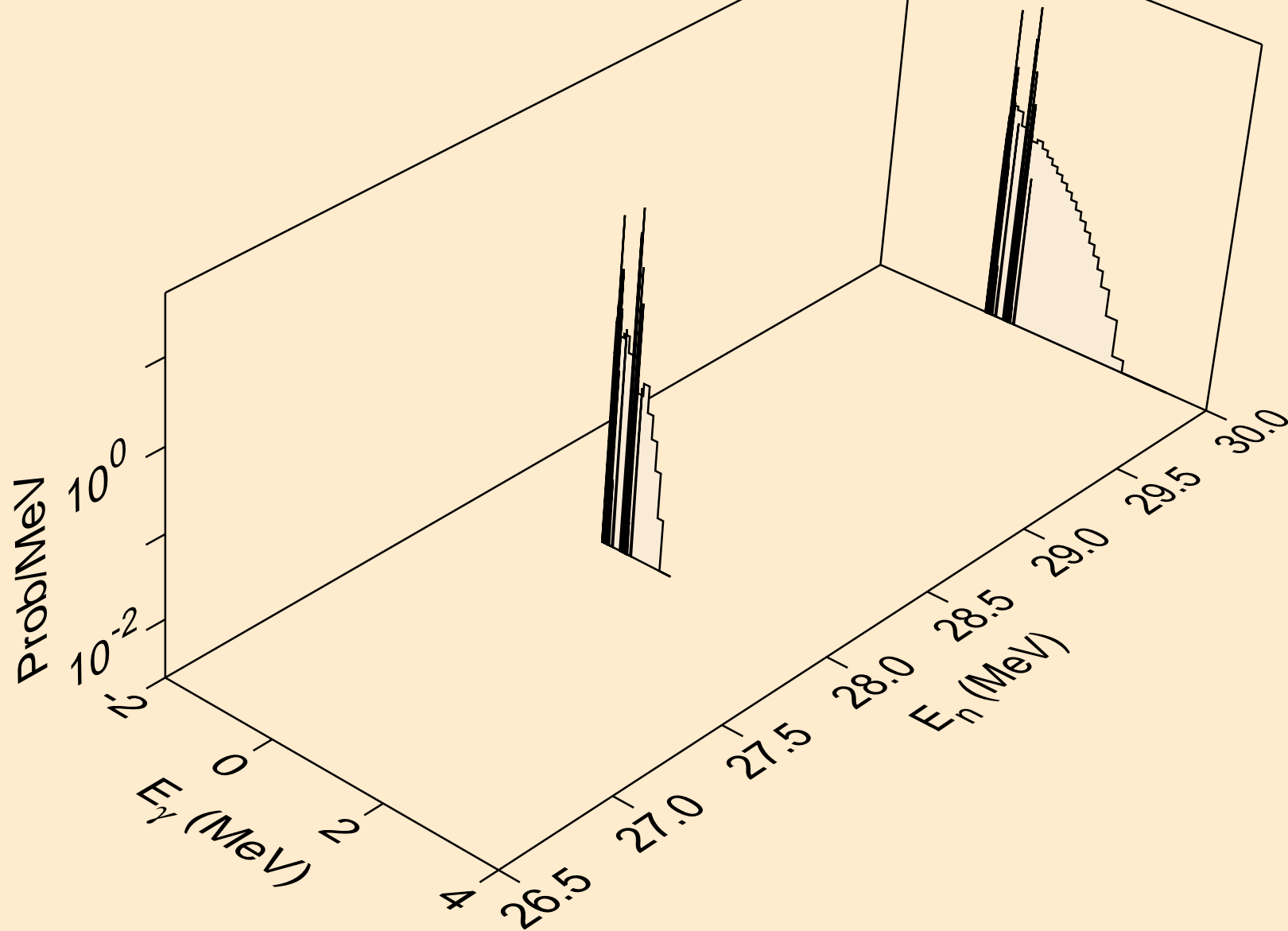




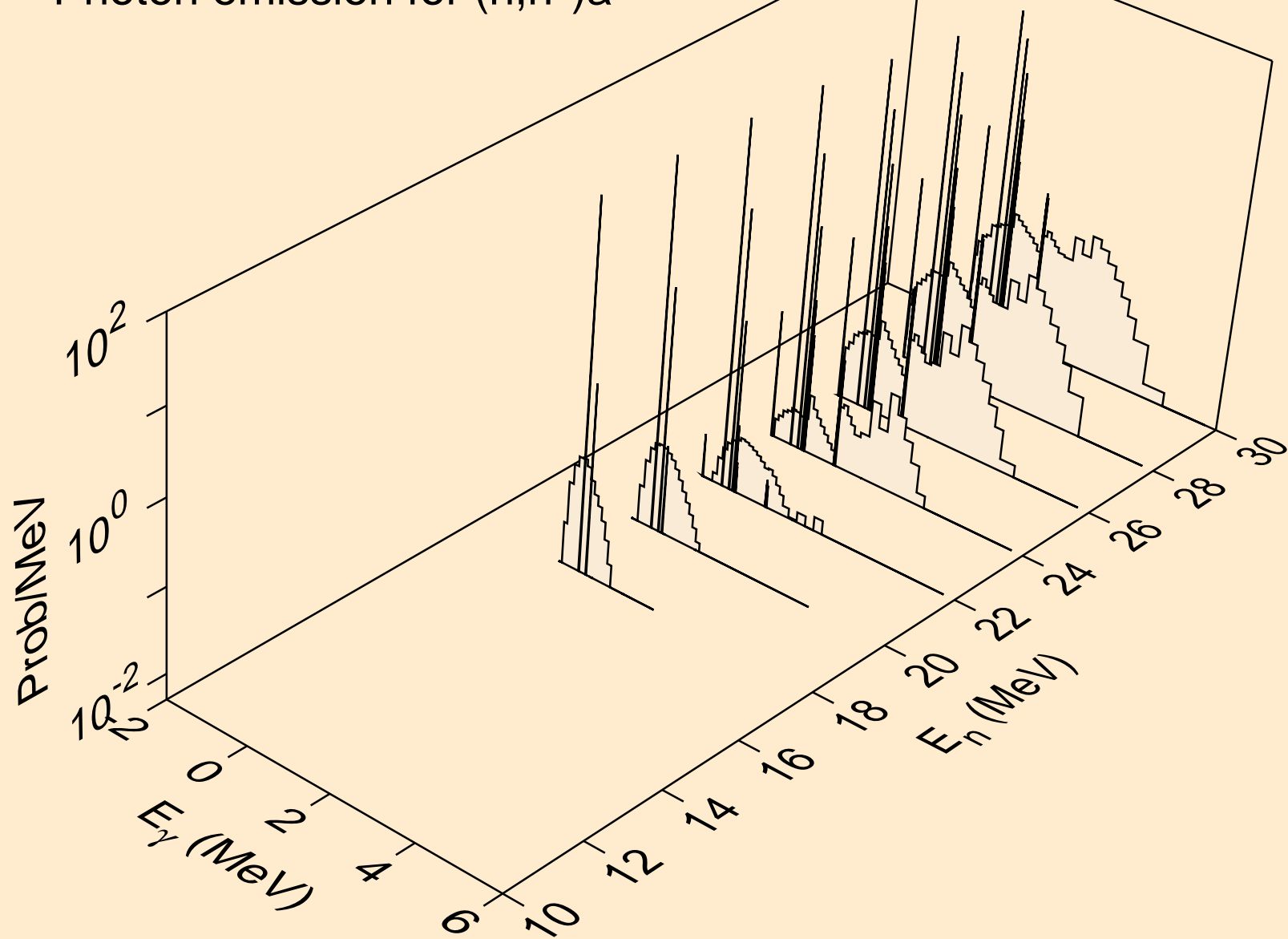
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



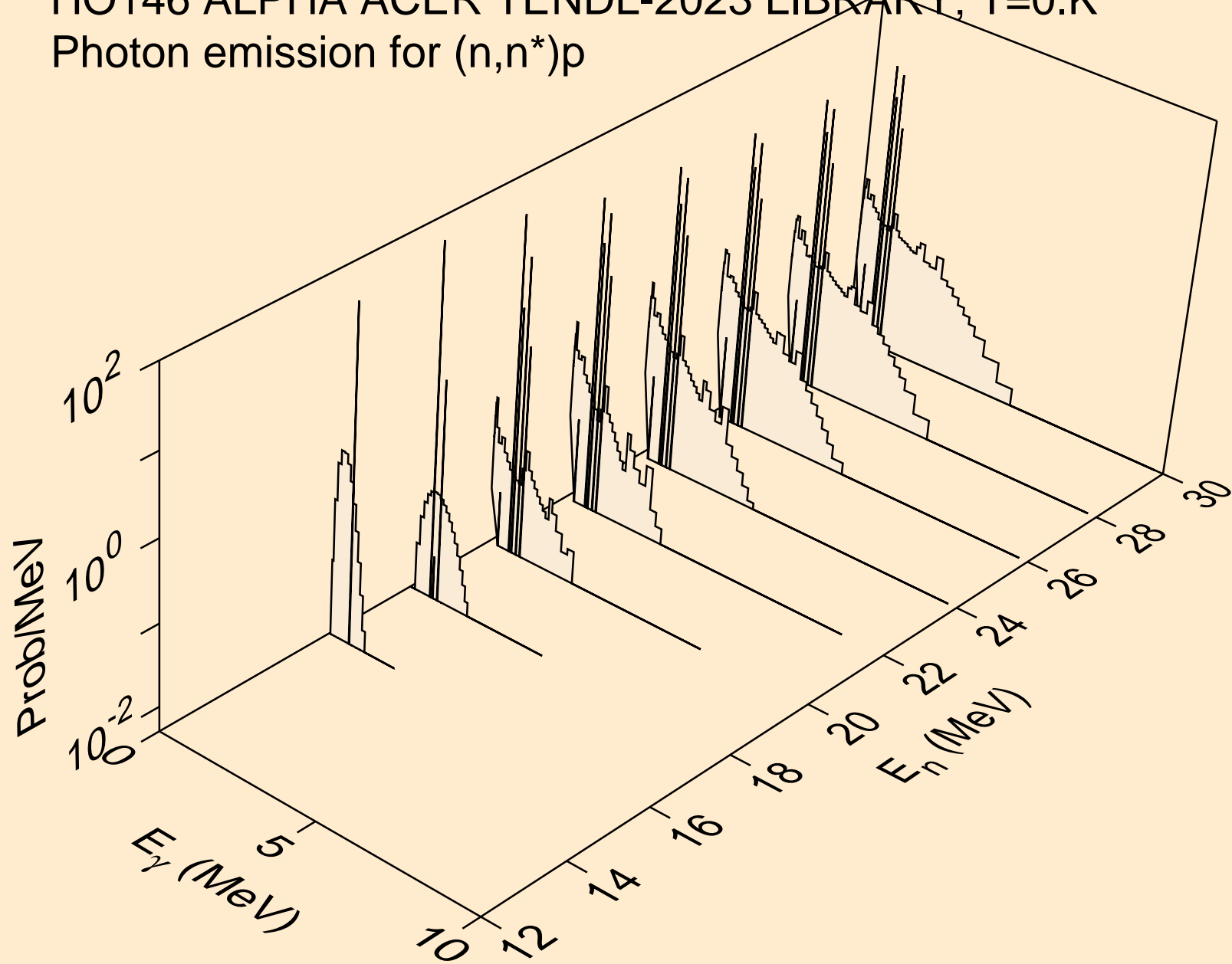
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



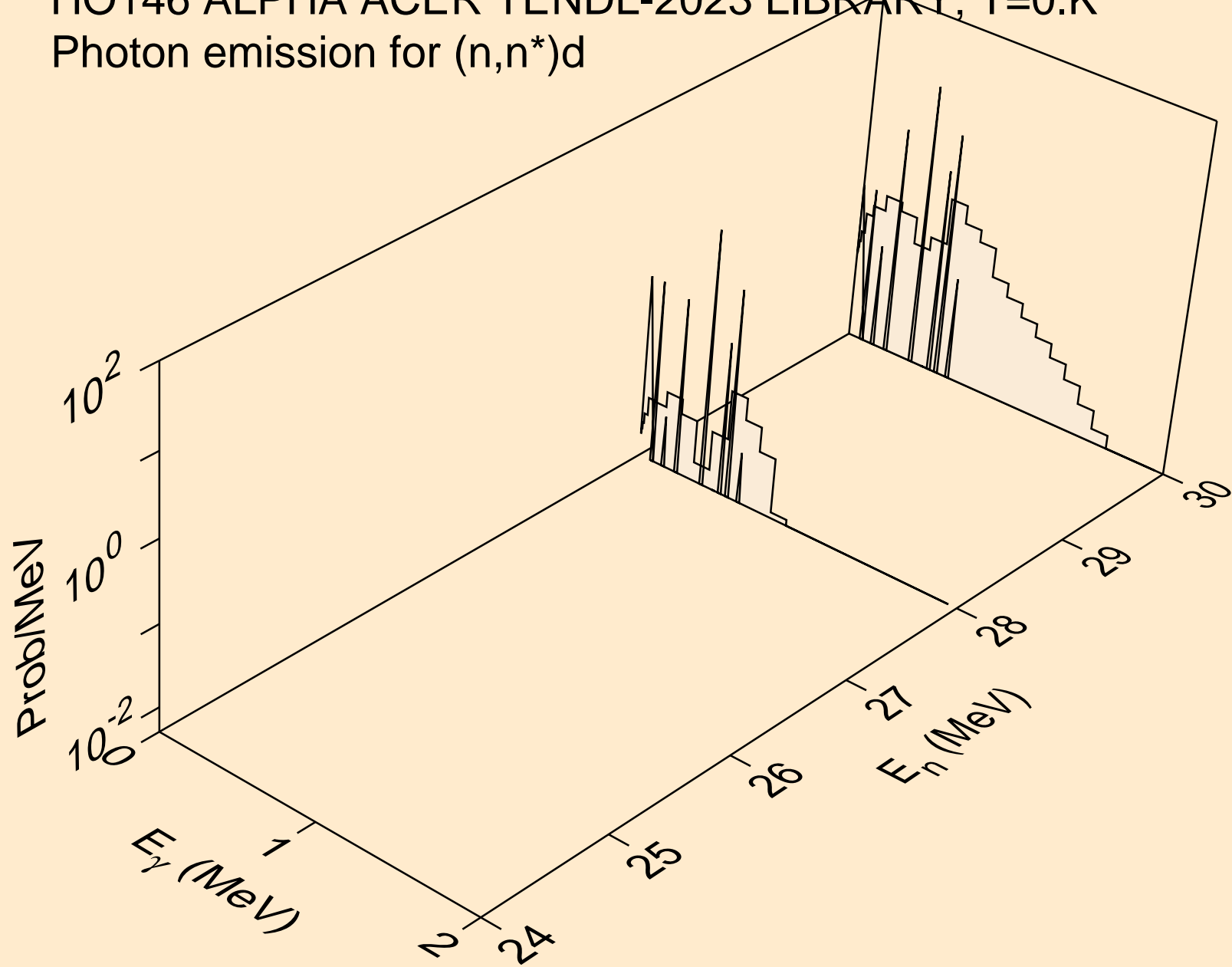
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



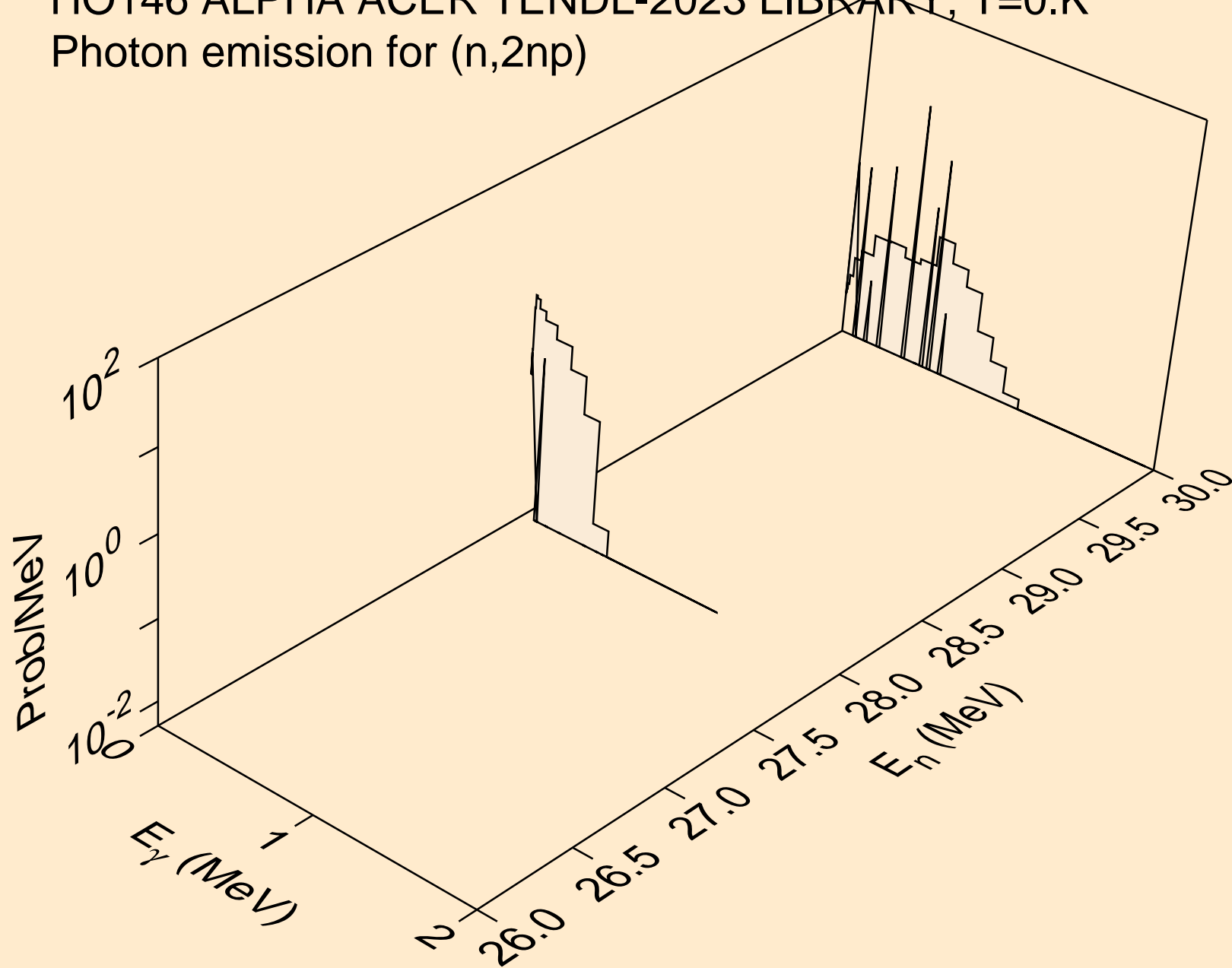
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



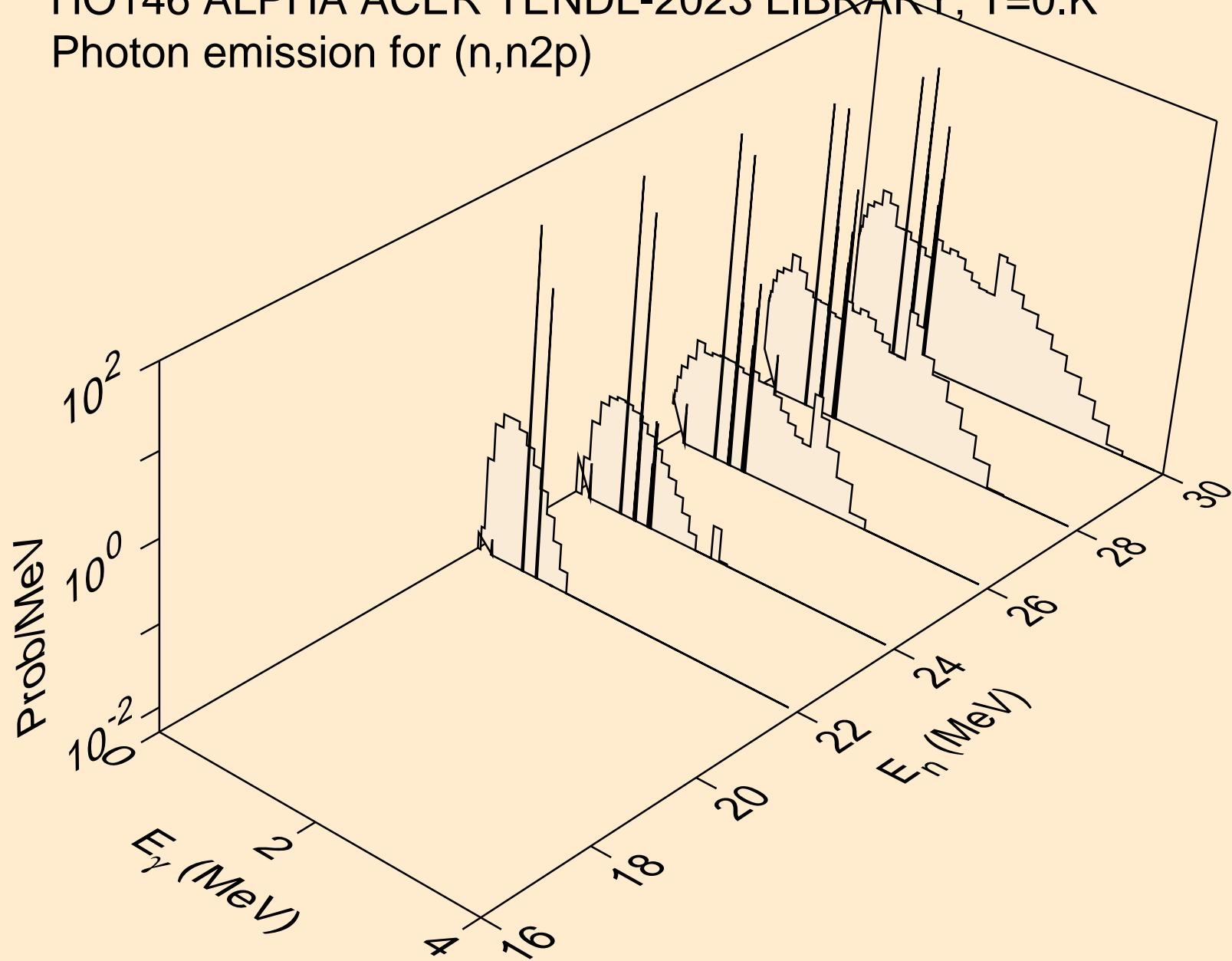
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



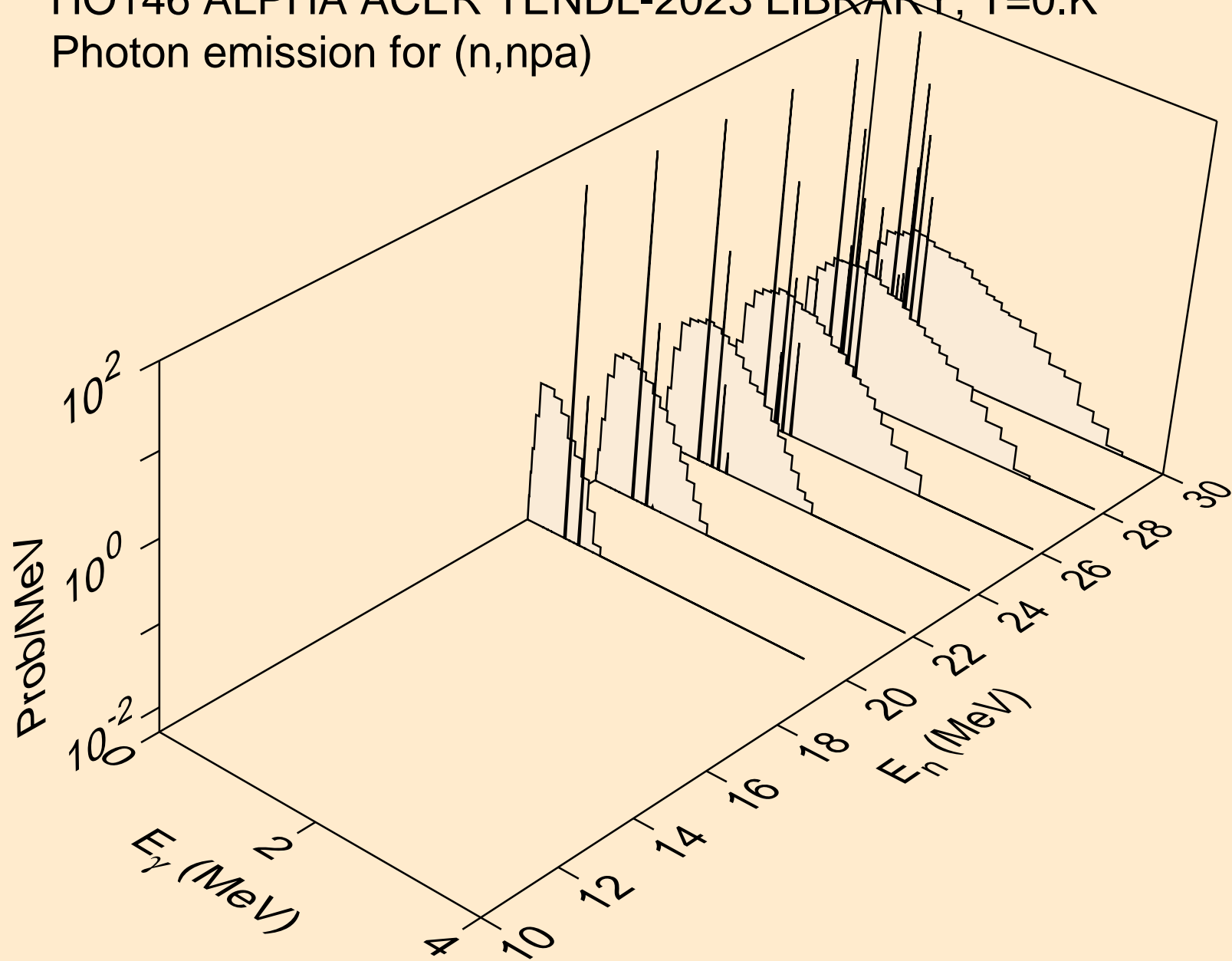
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

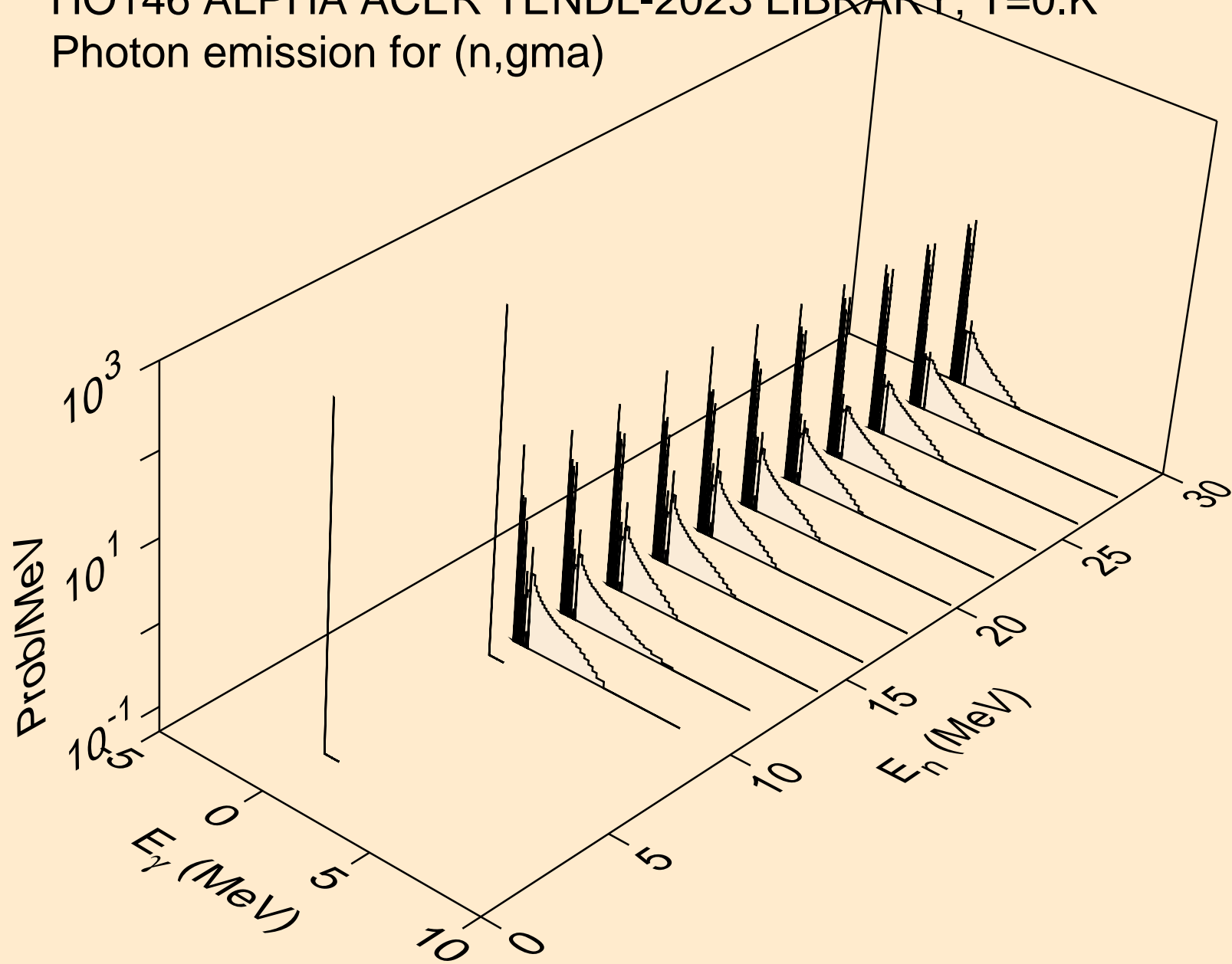


HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

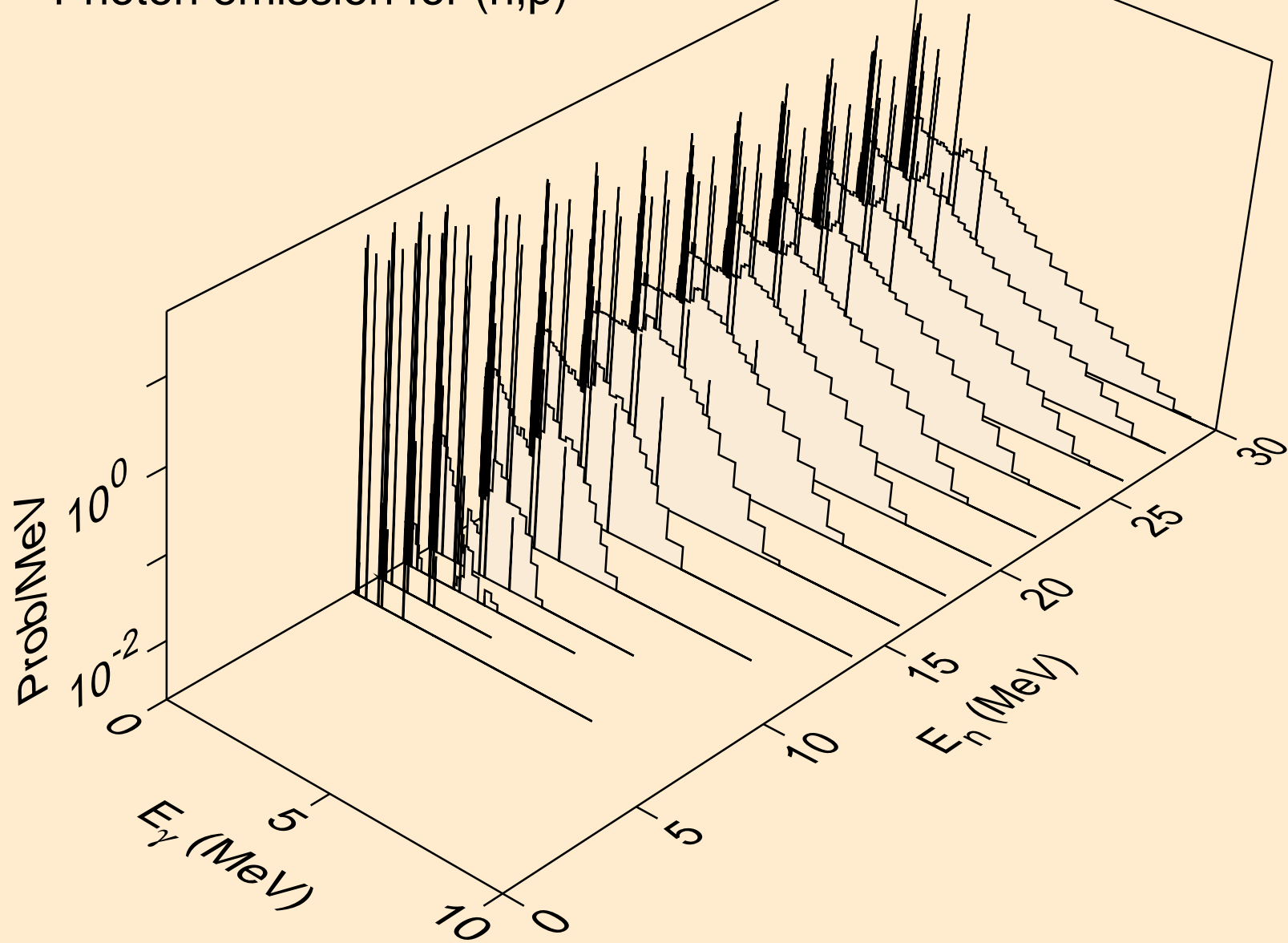




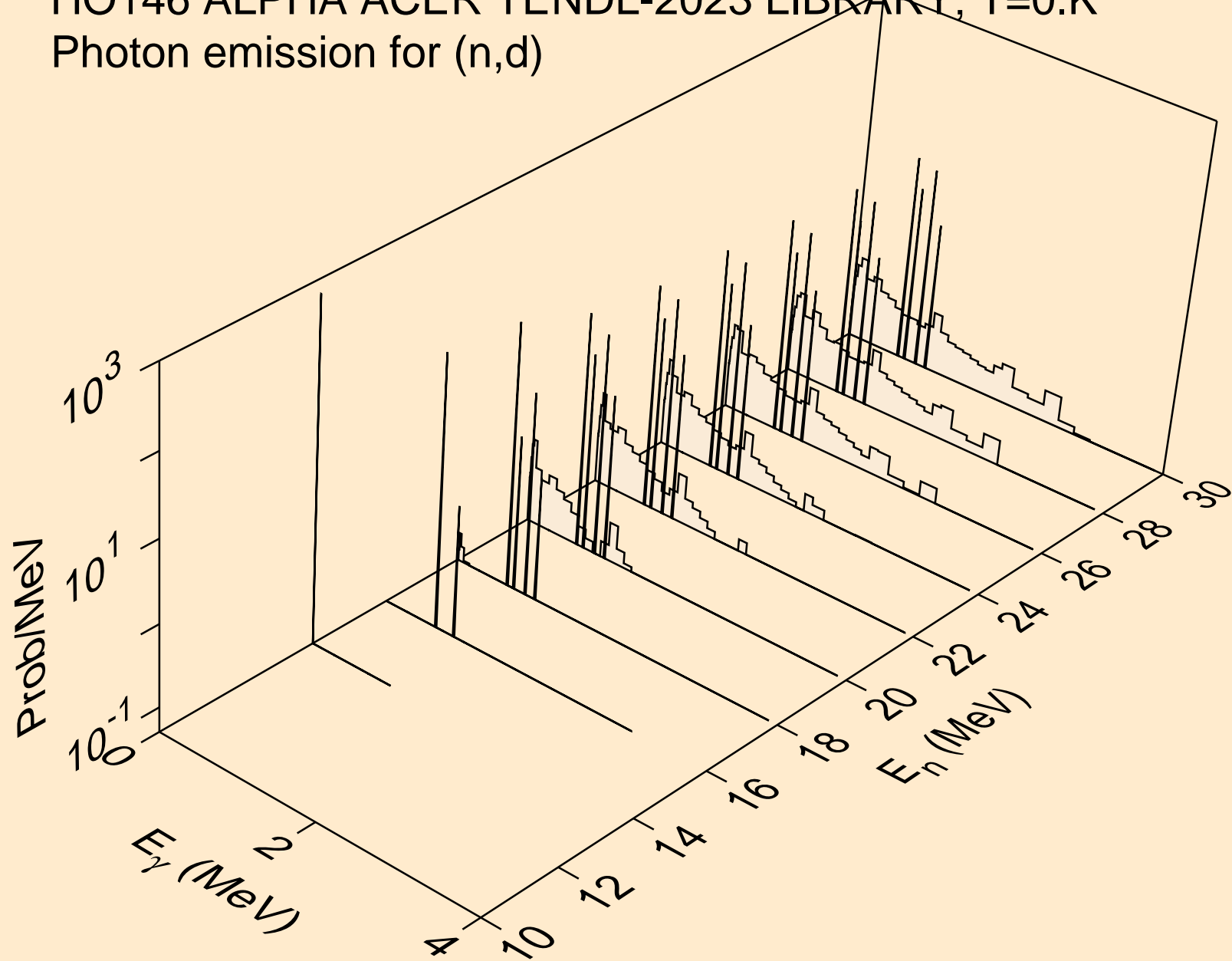
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



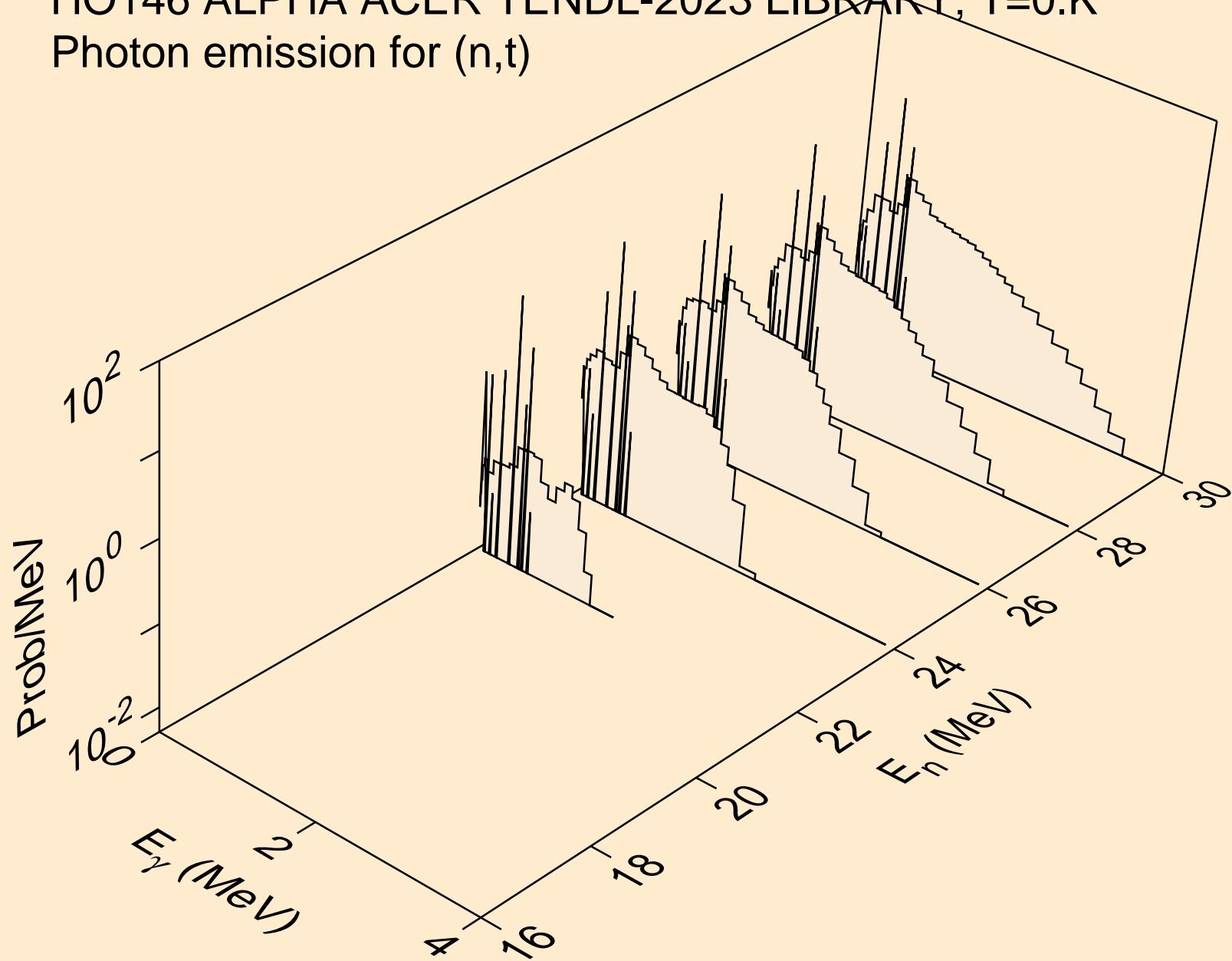
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



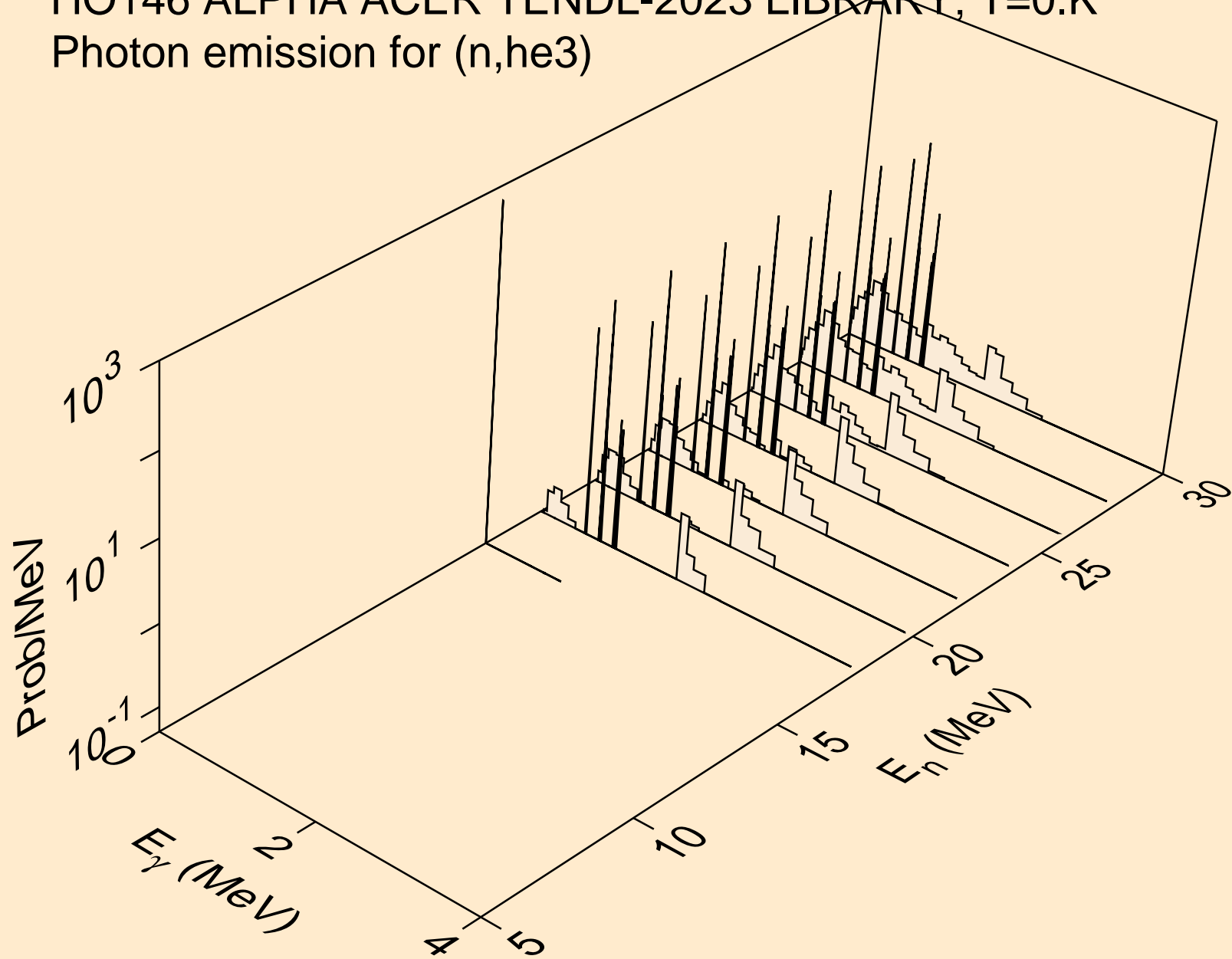
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



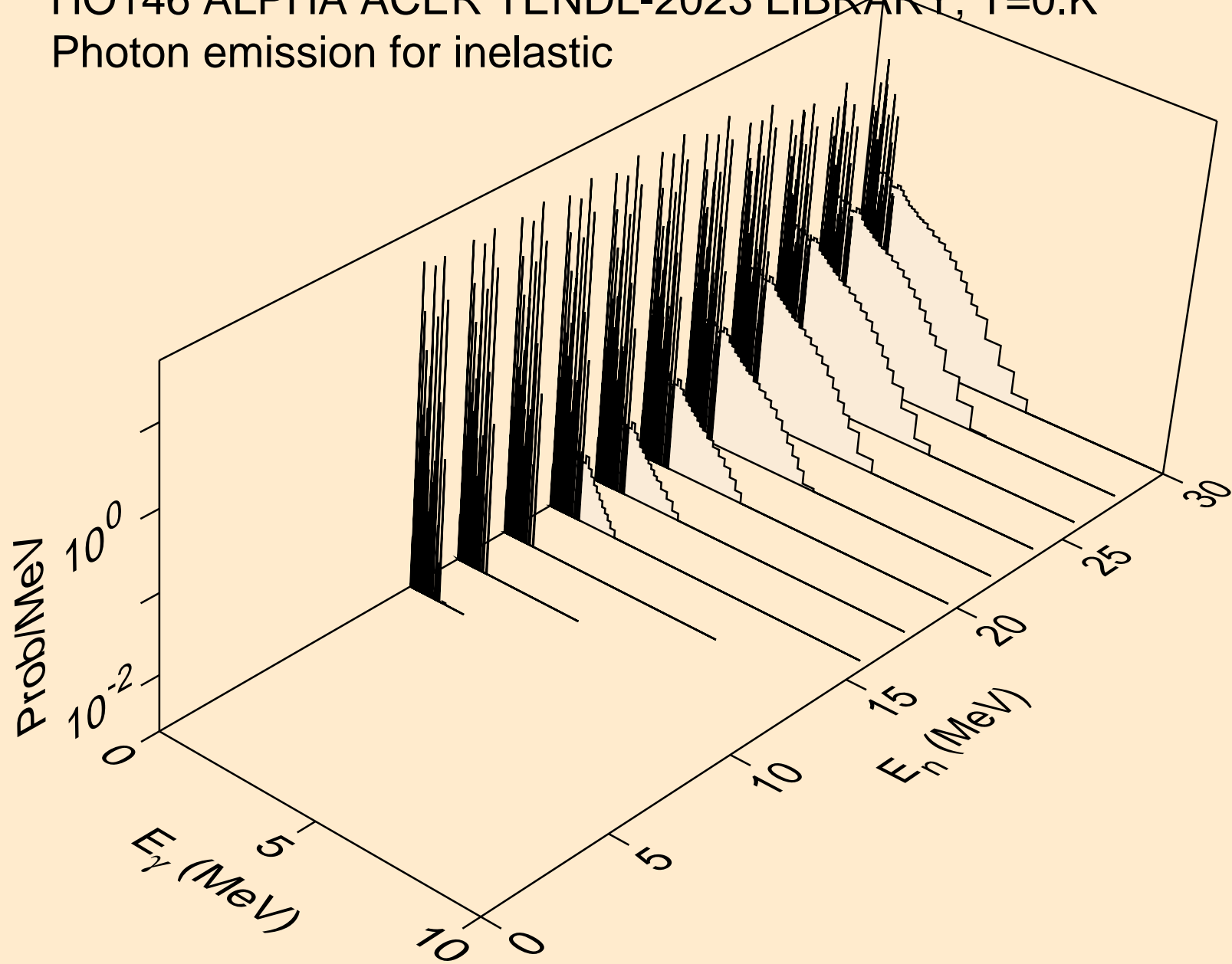
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



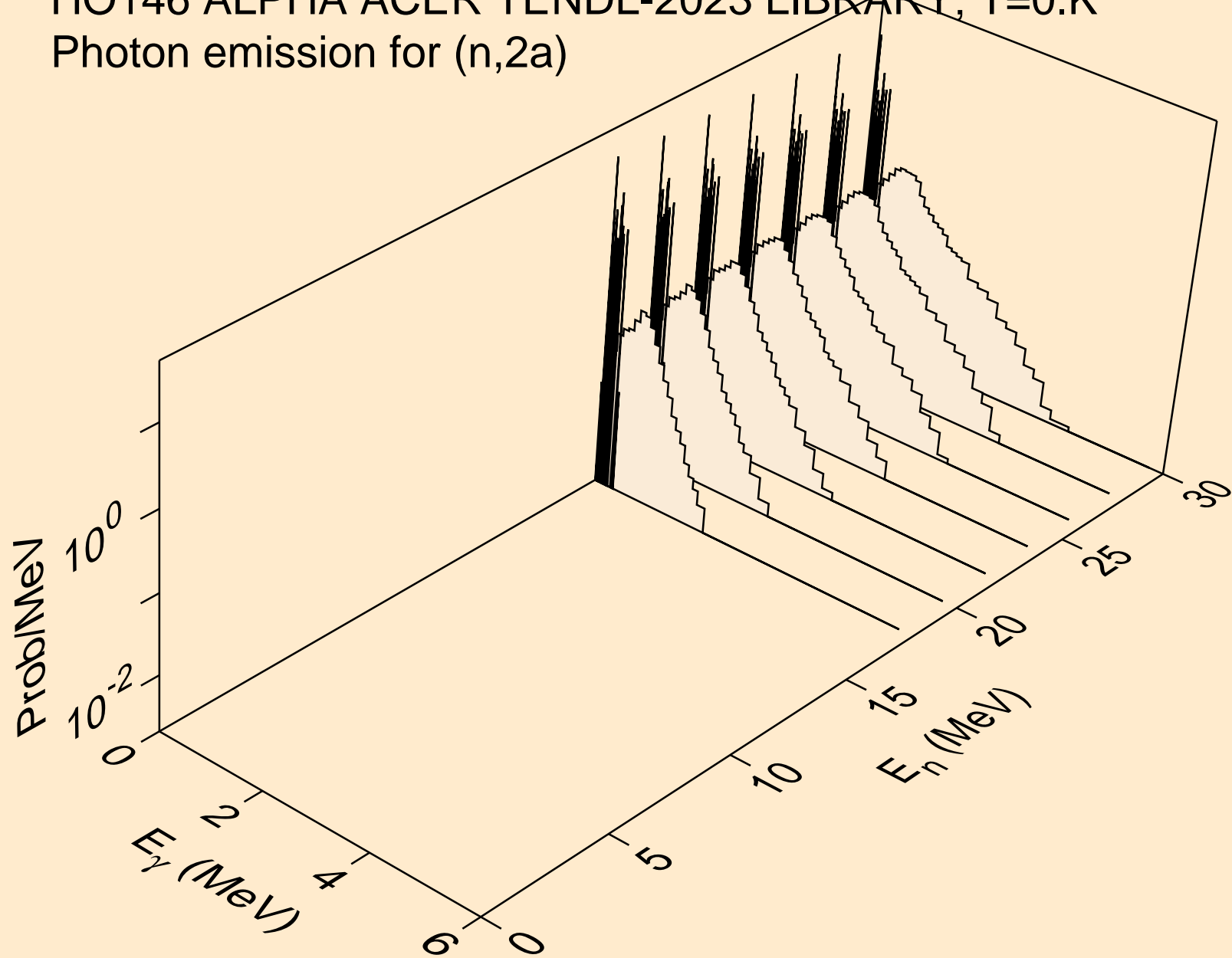
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



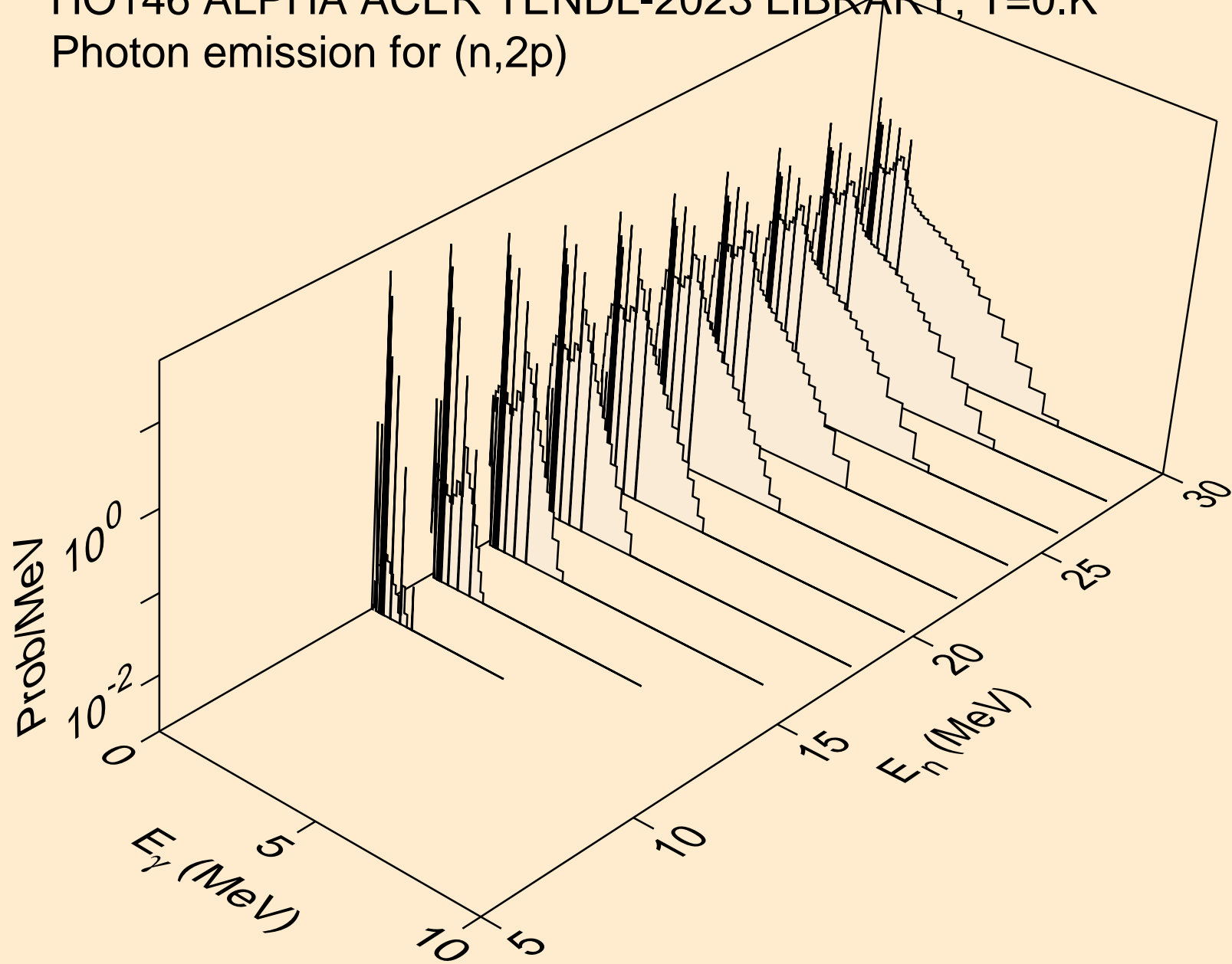
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

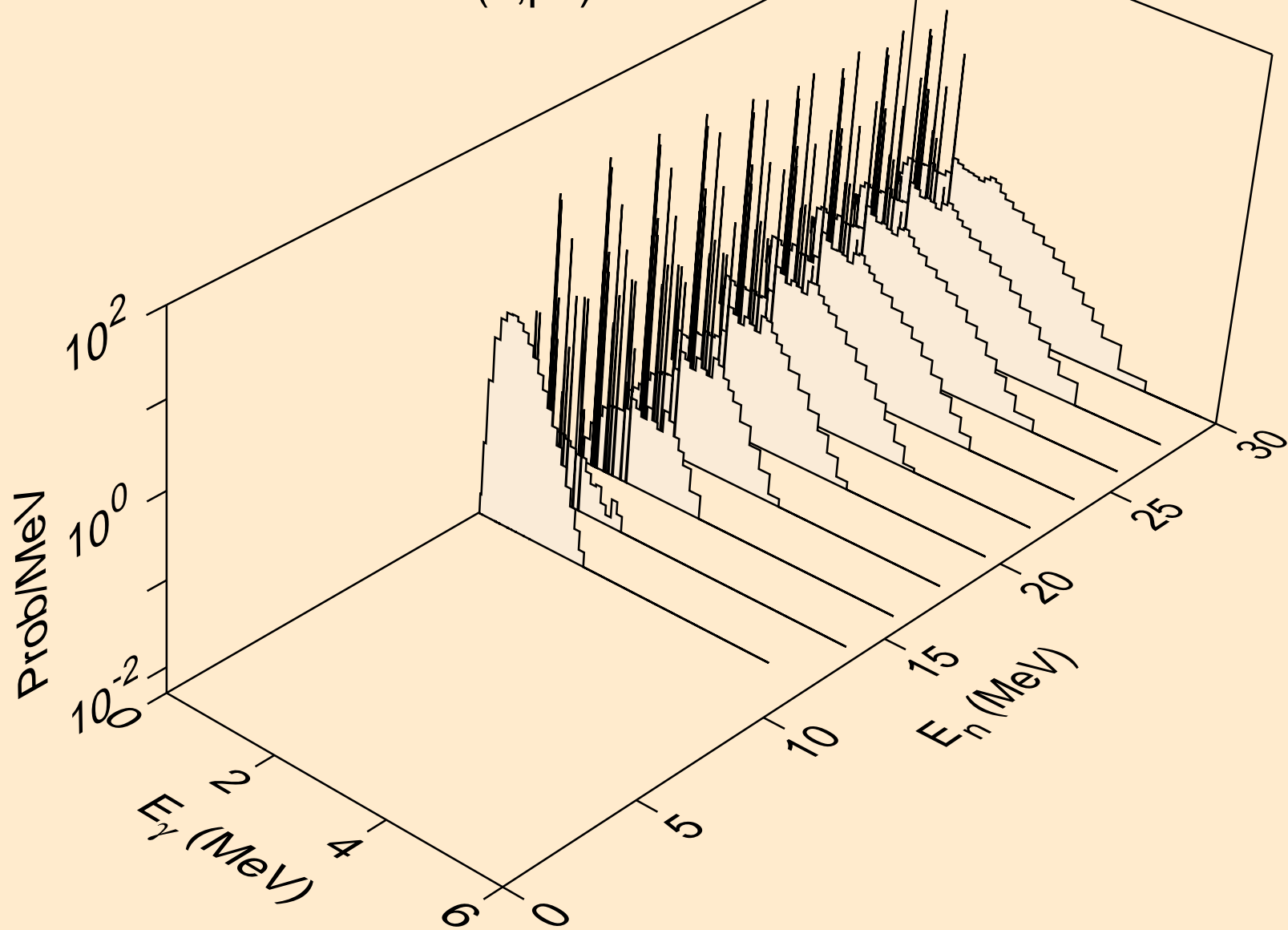


HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

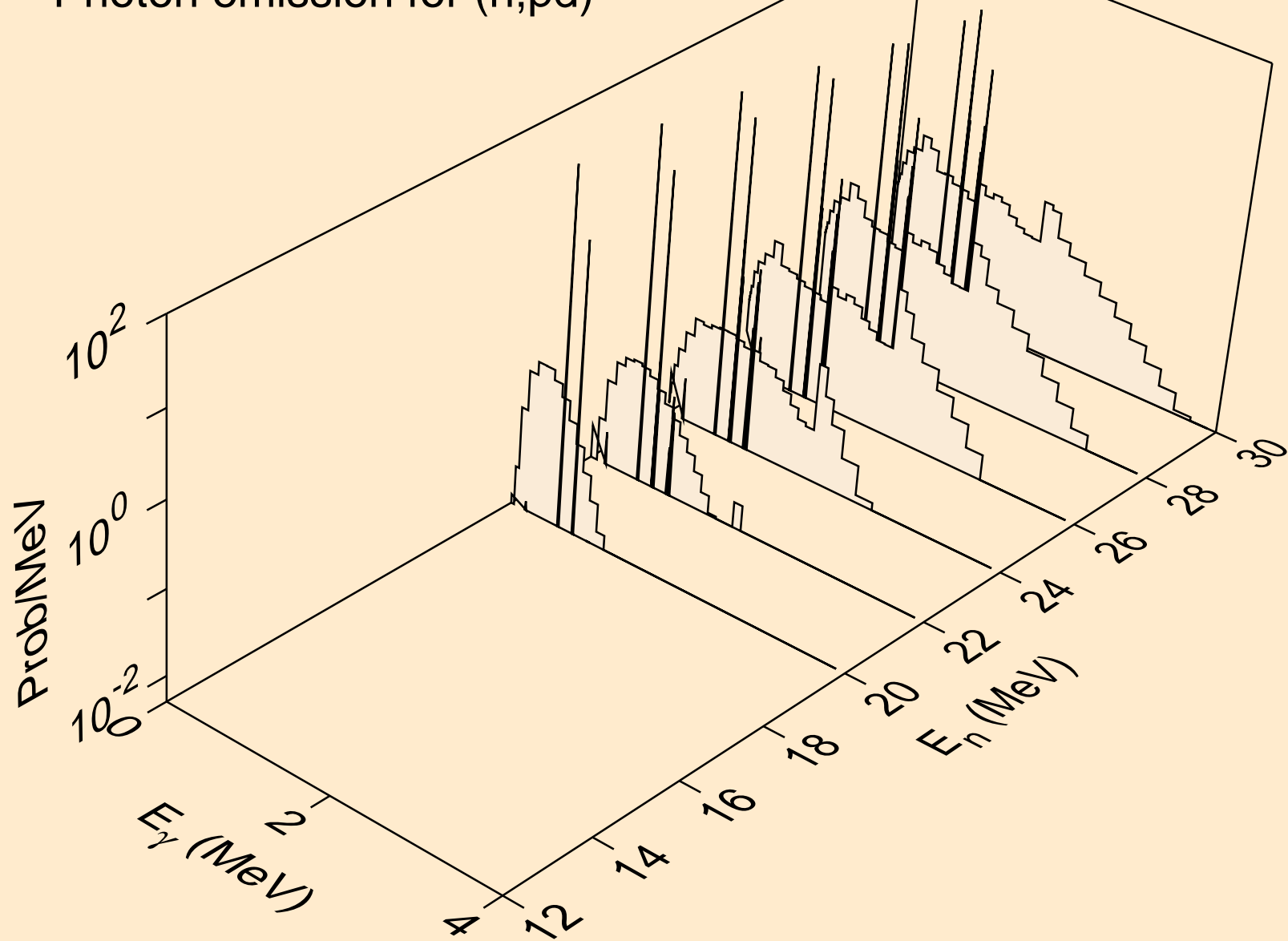




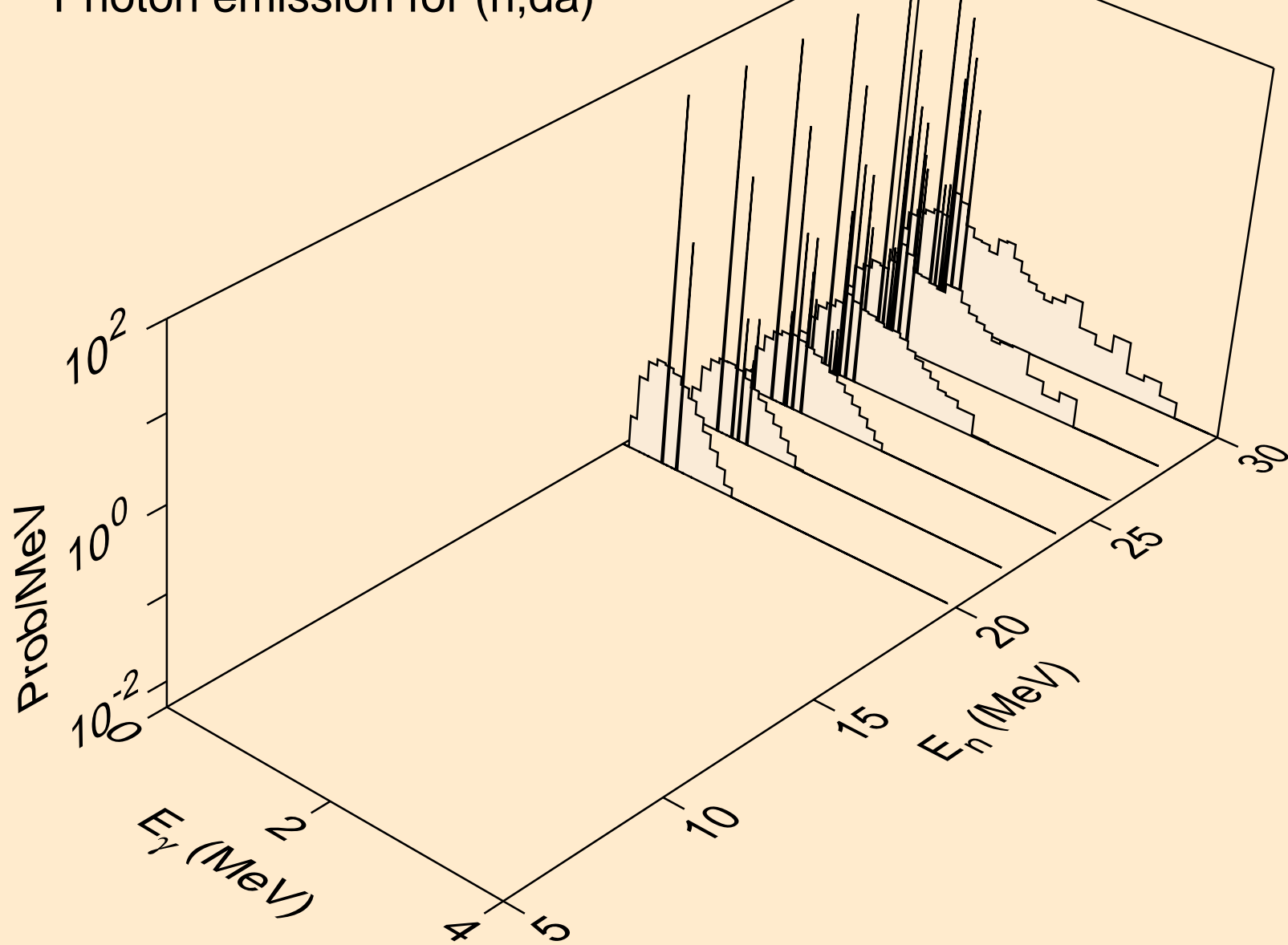
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

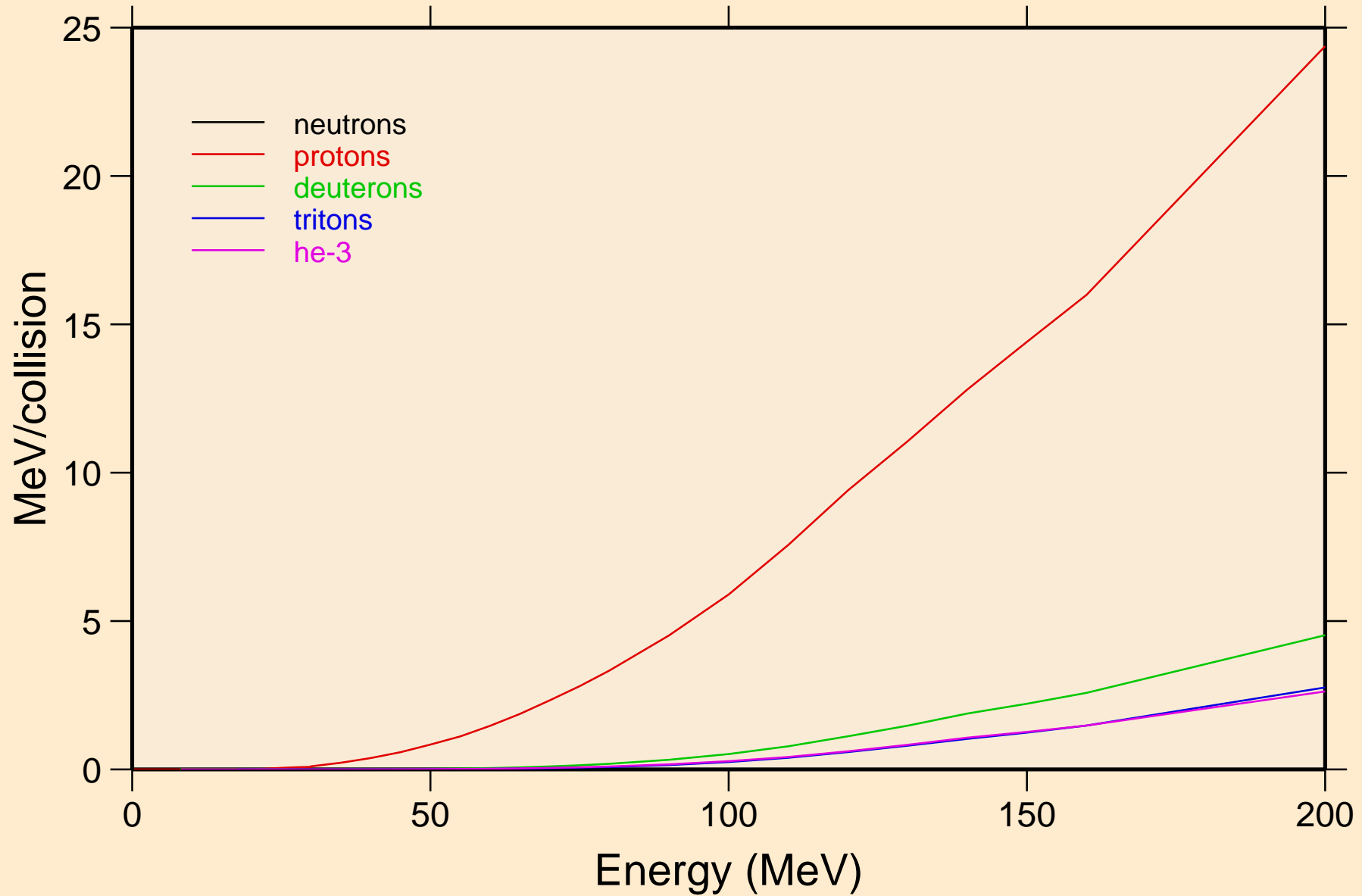


HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

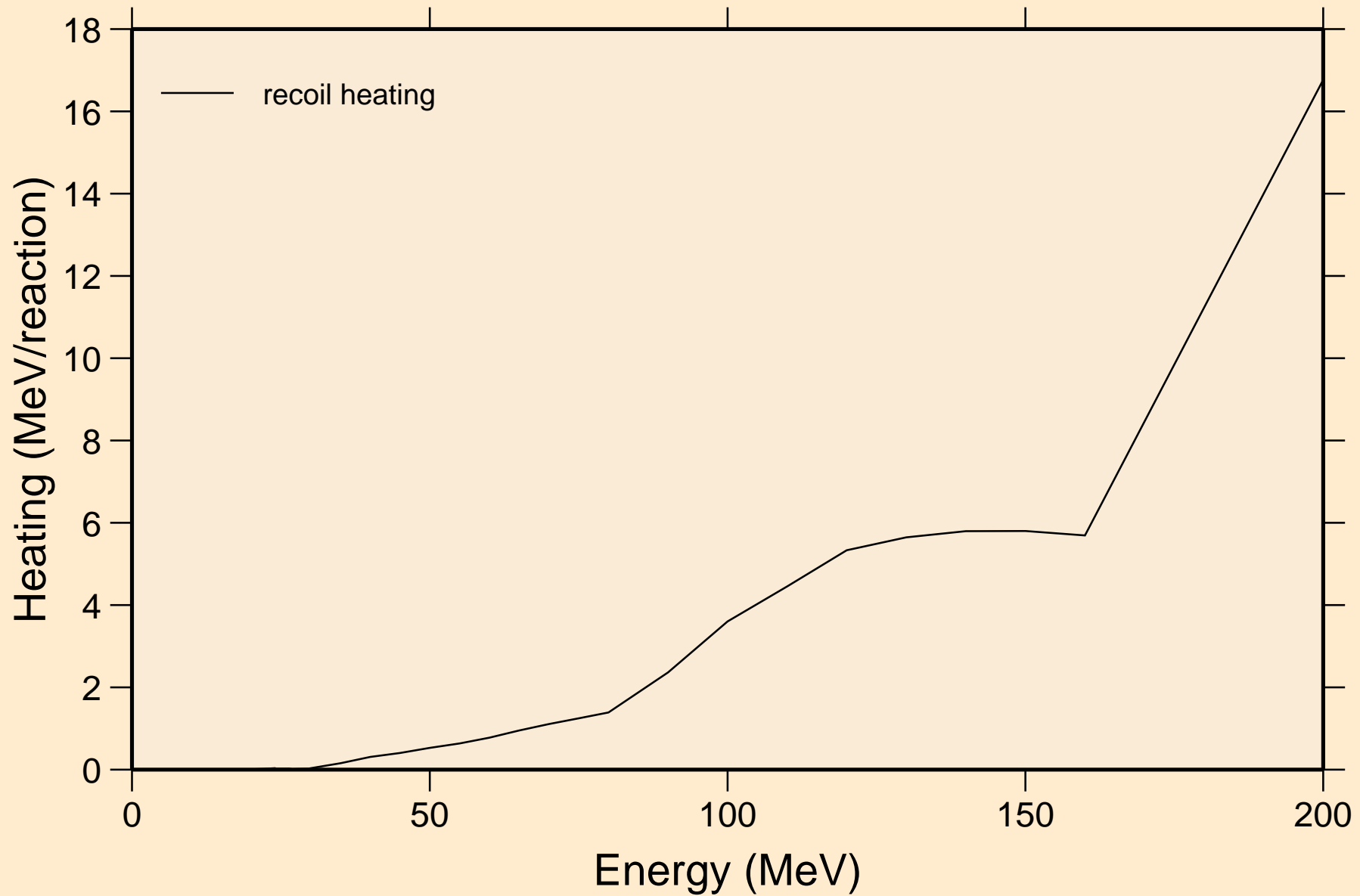


# HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

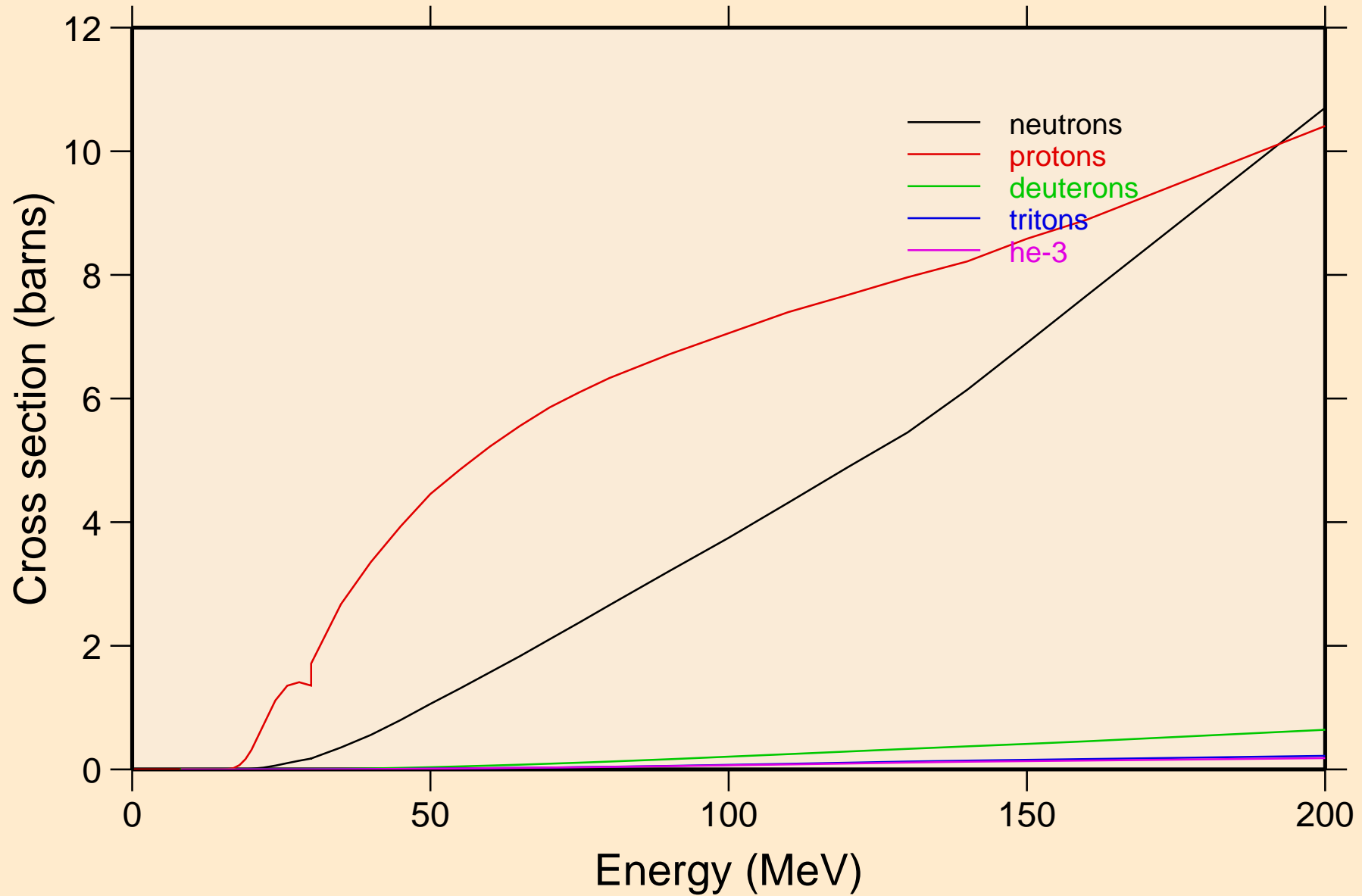
## Particle heating contributions



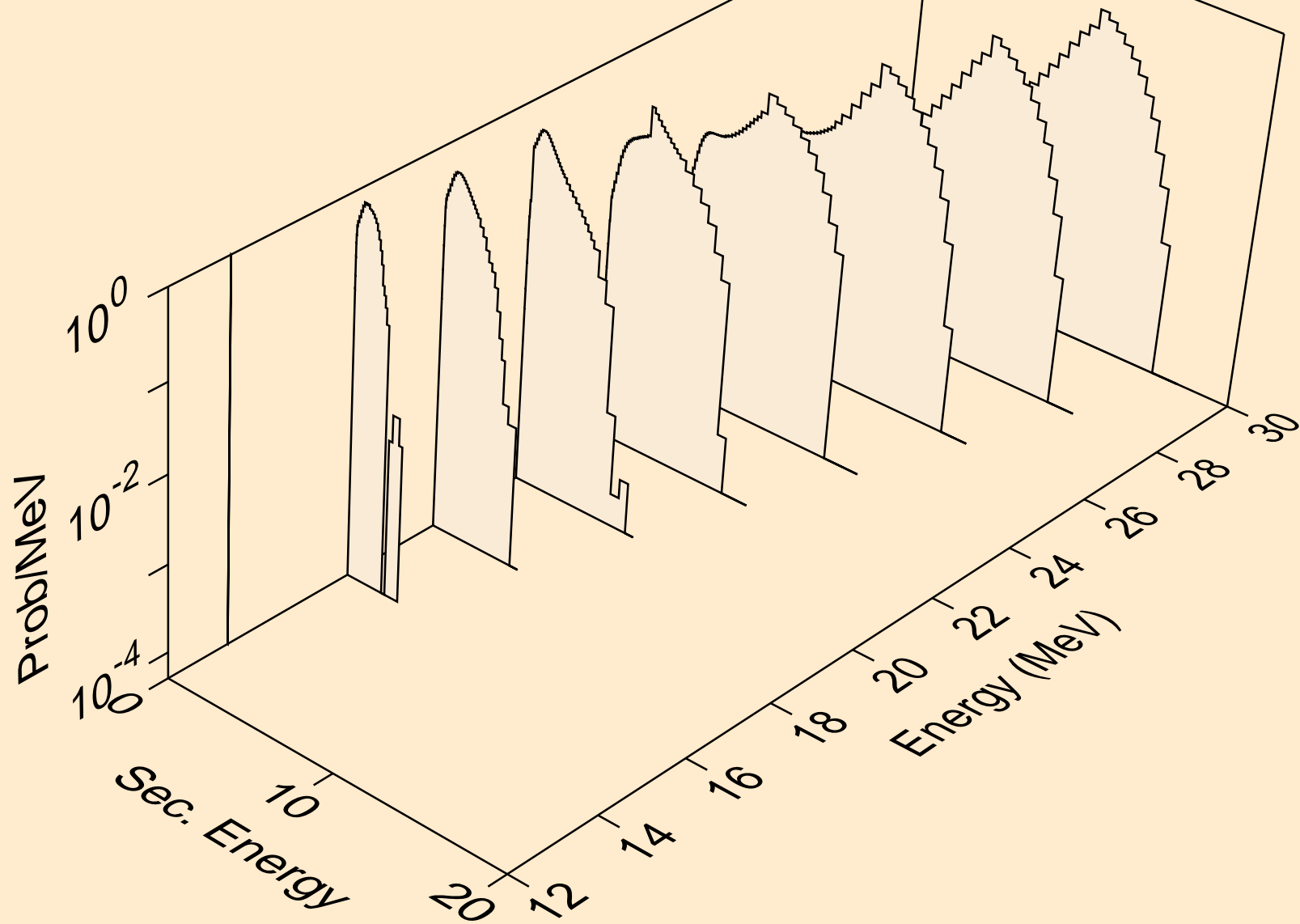
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



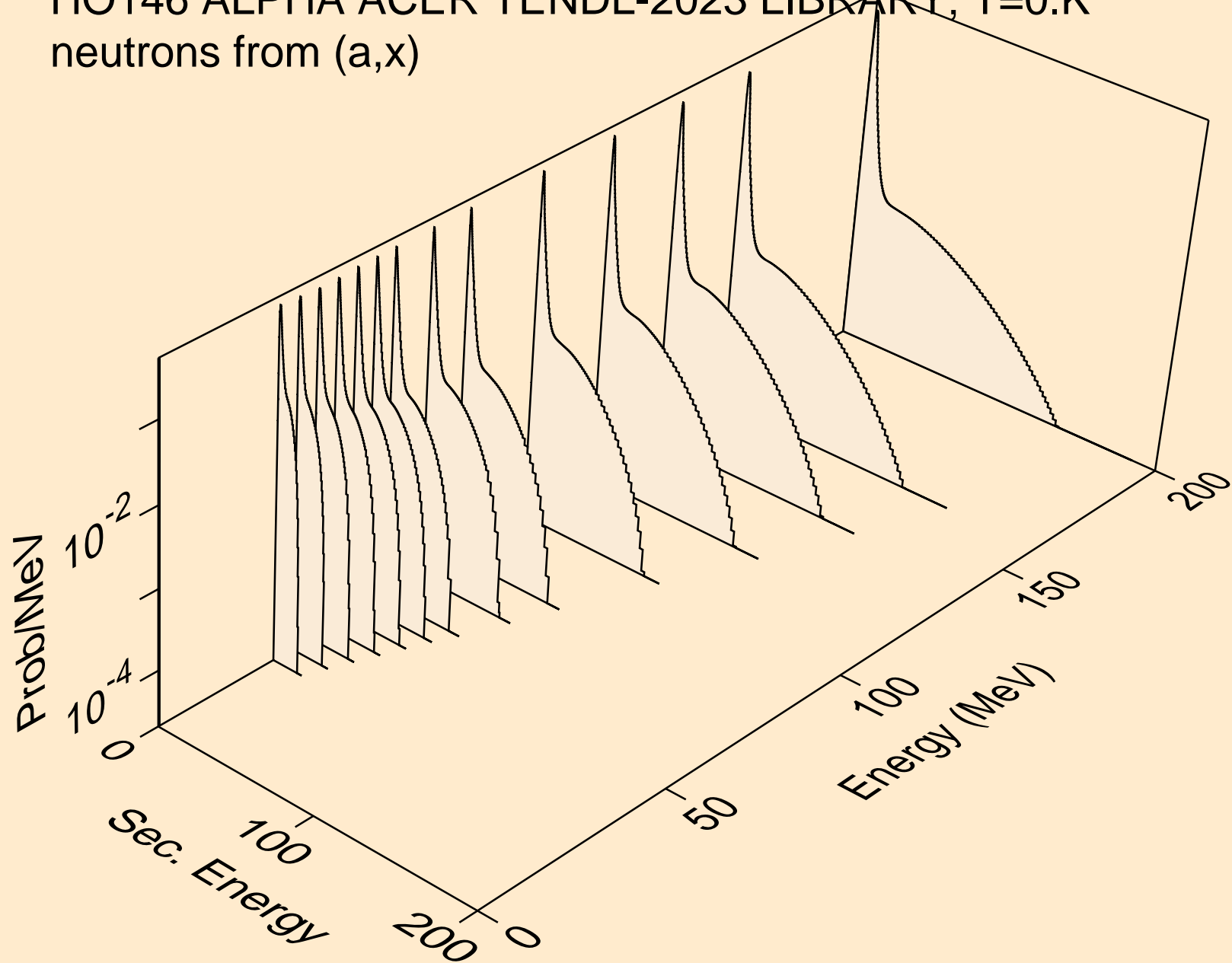
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

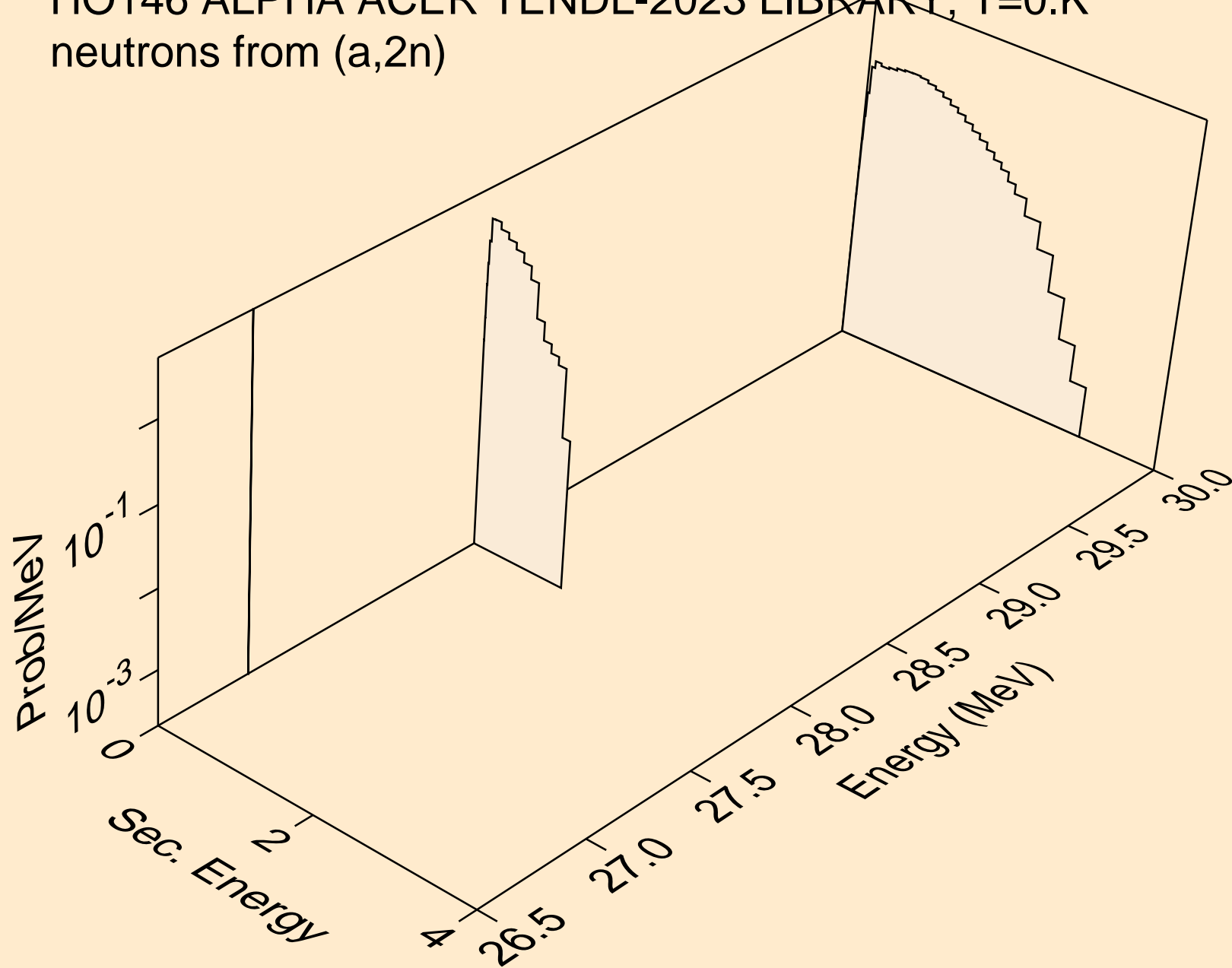


HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

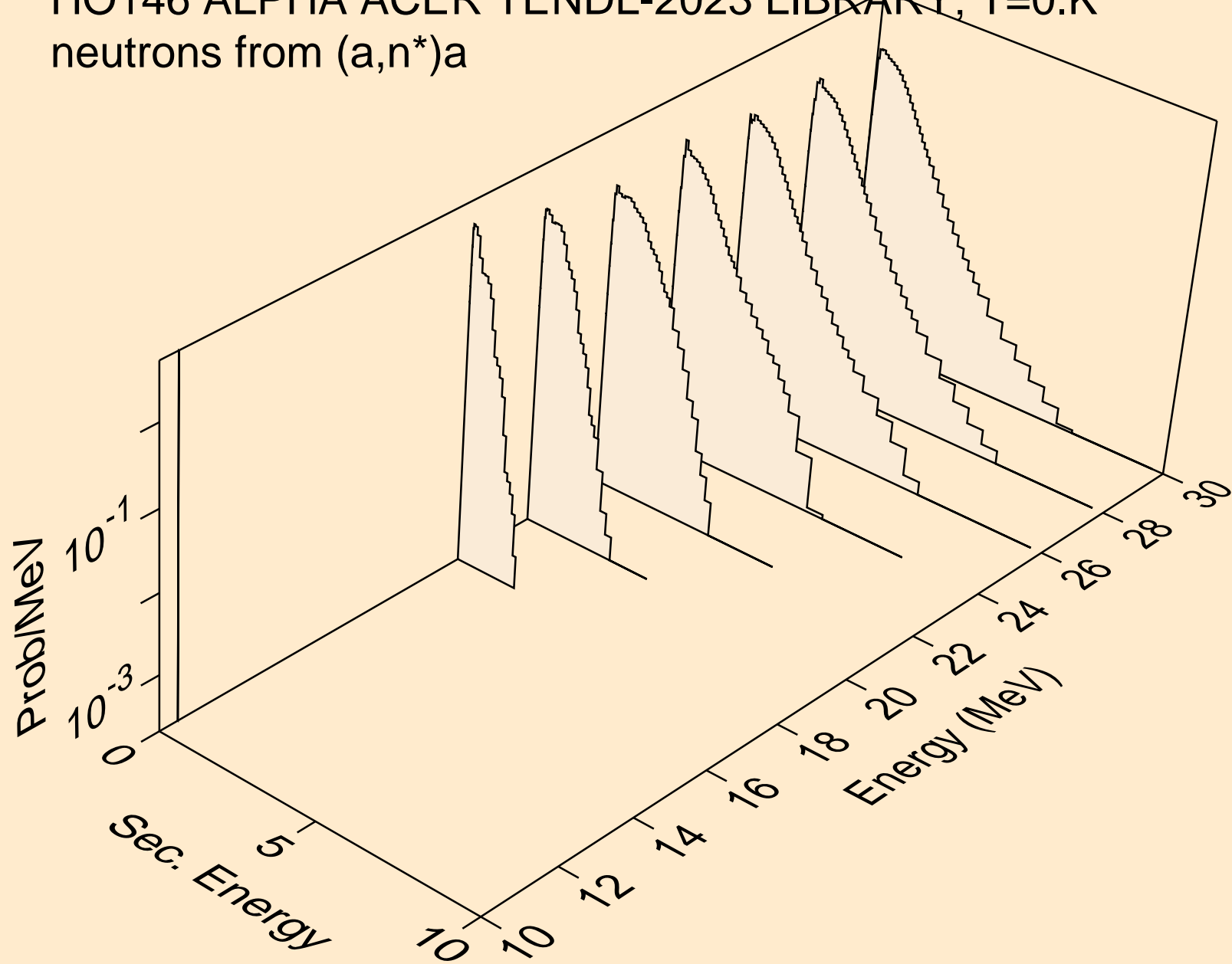




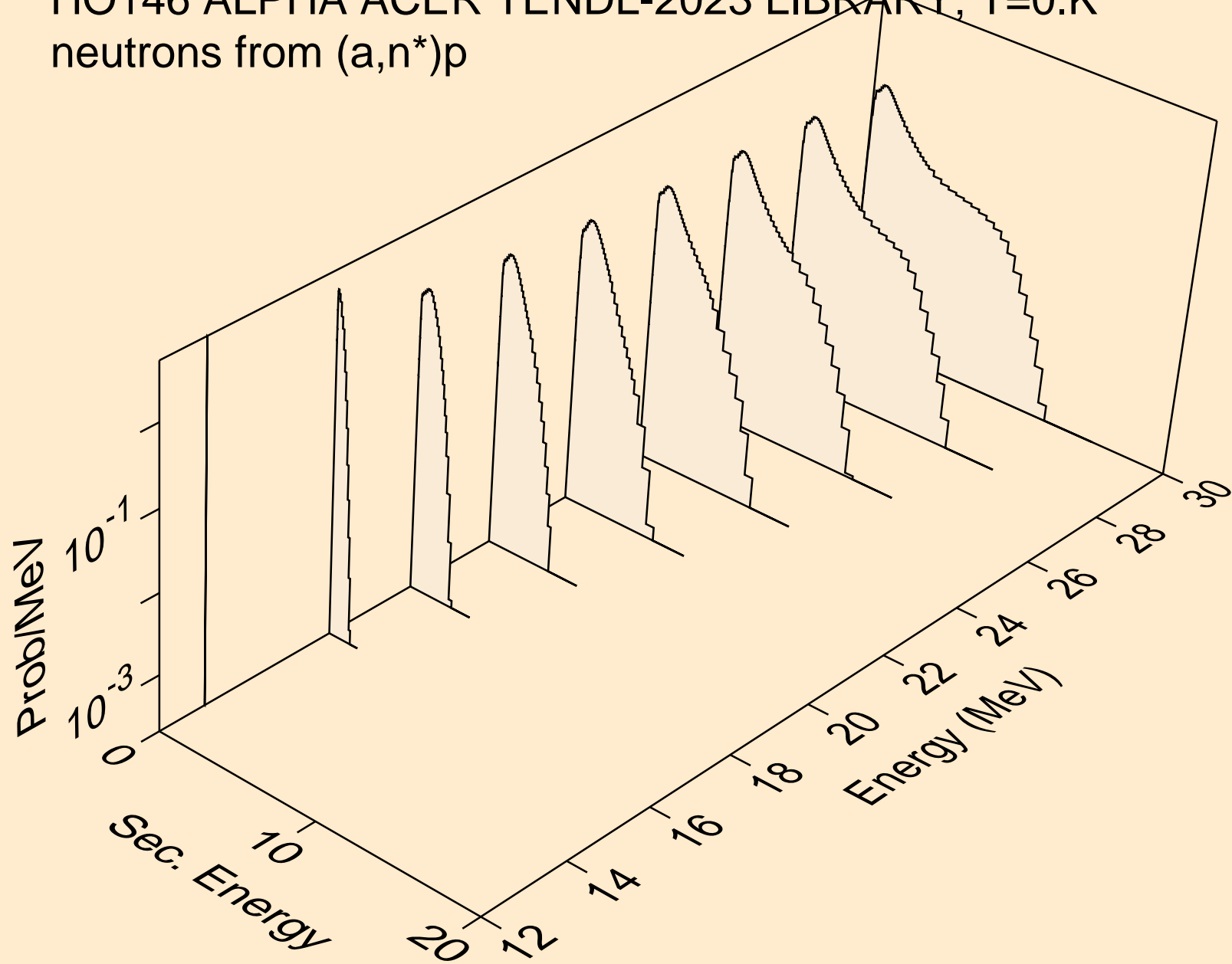
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



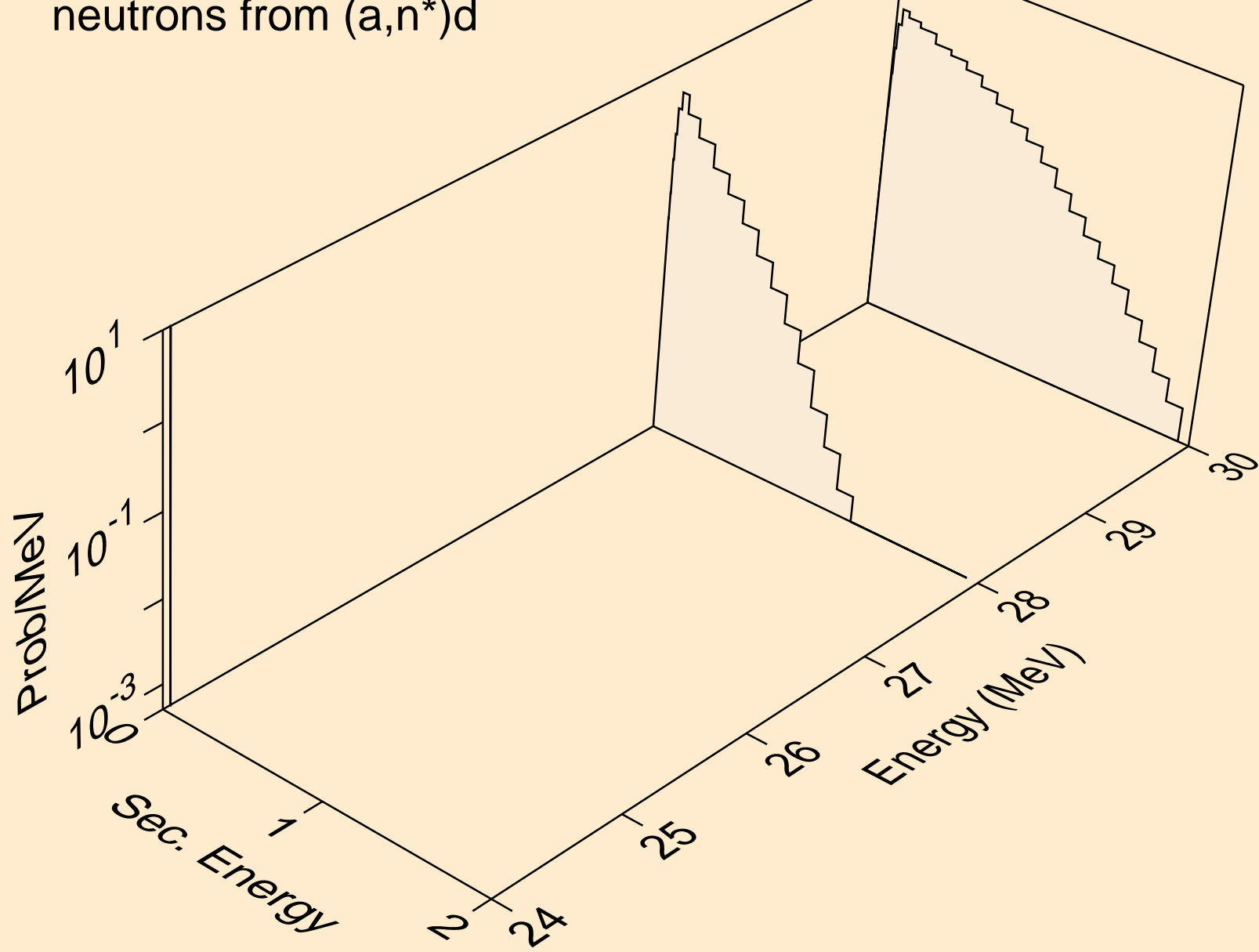
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



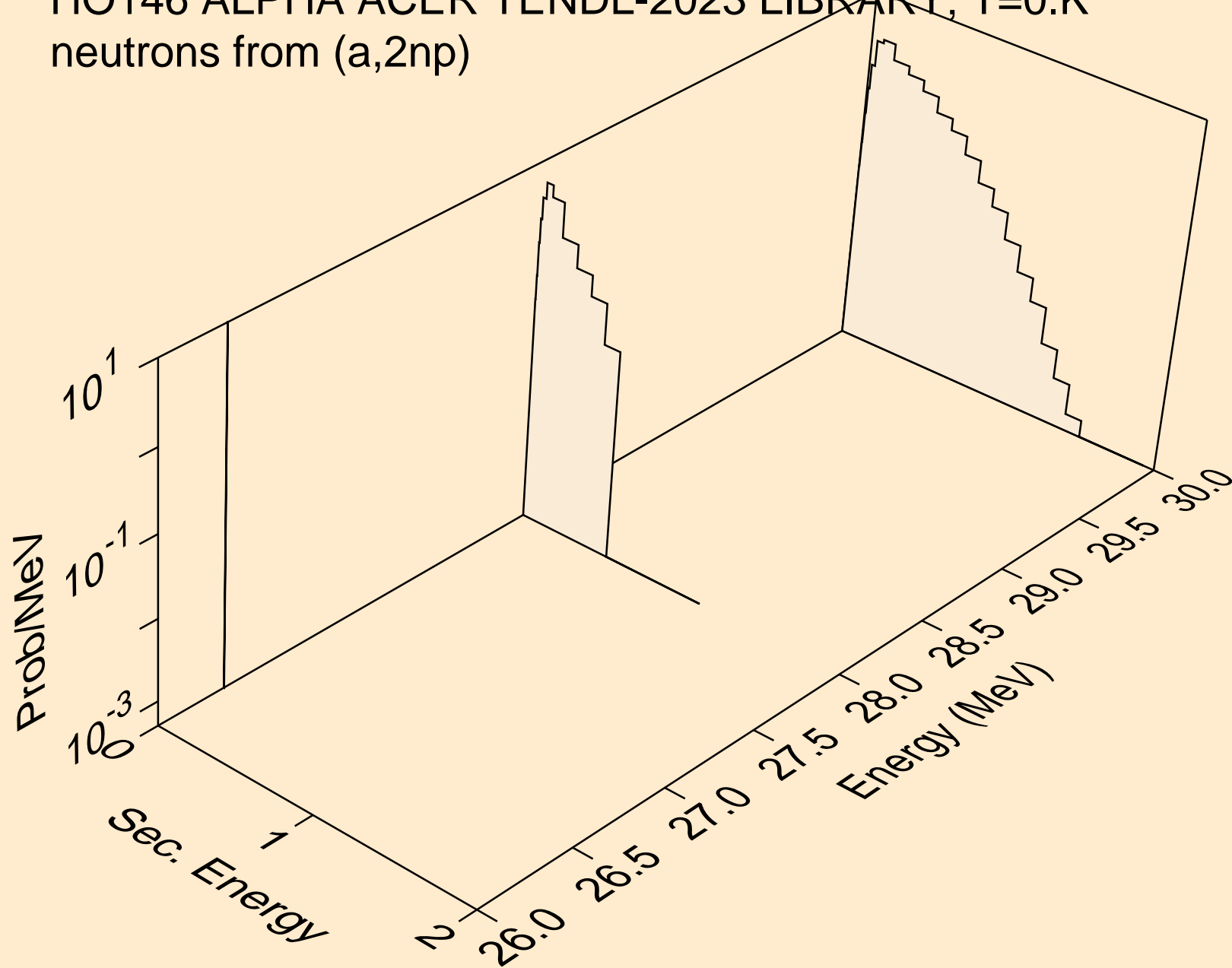
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



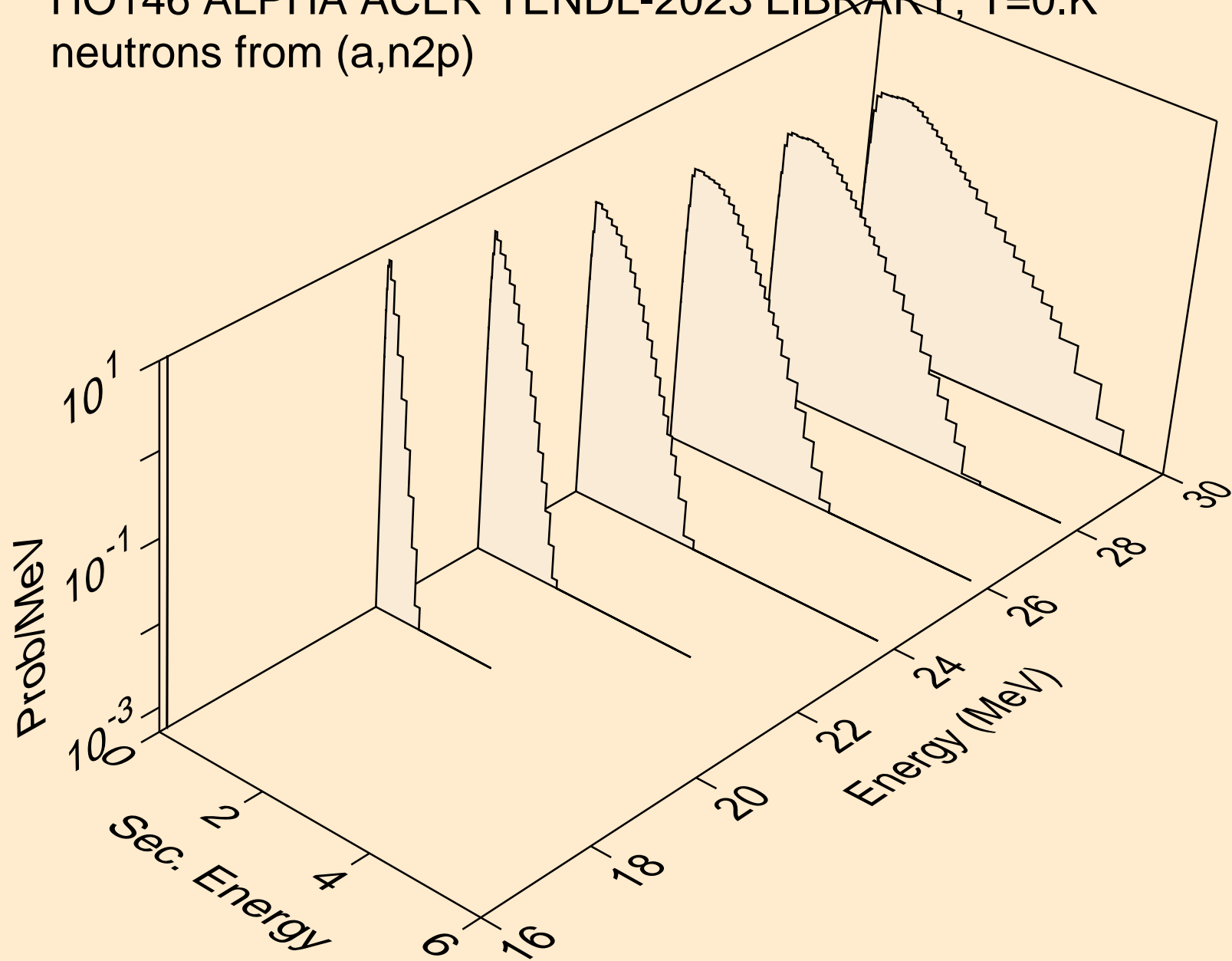
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



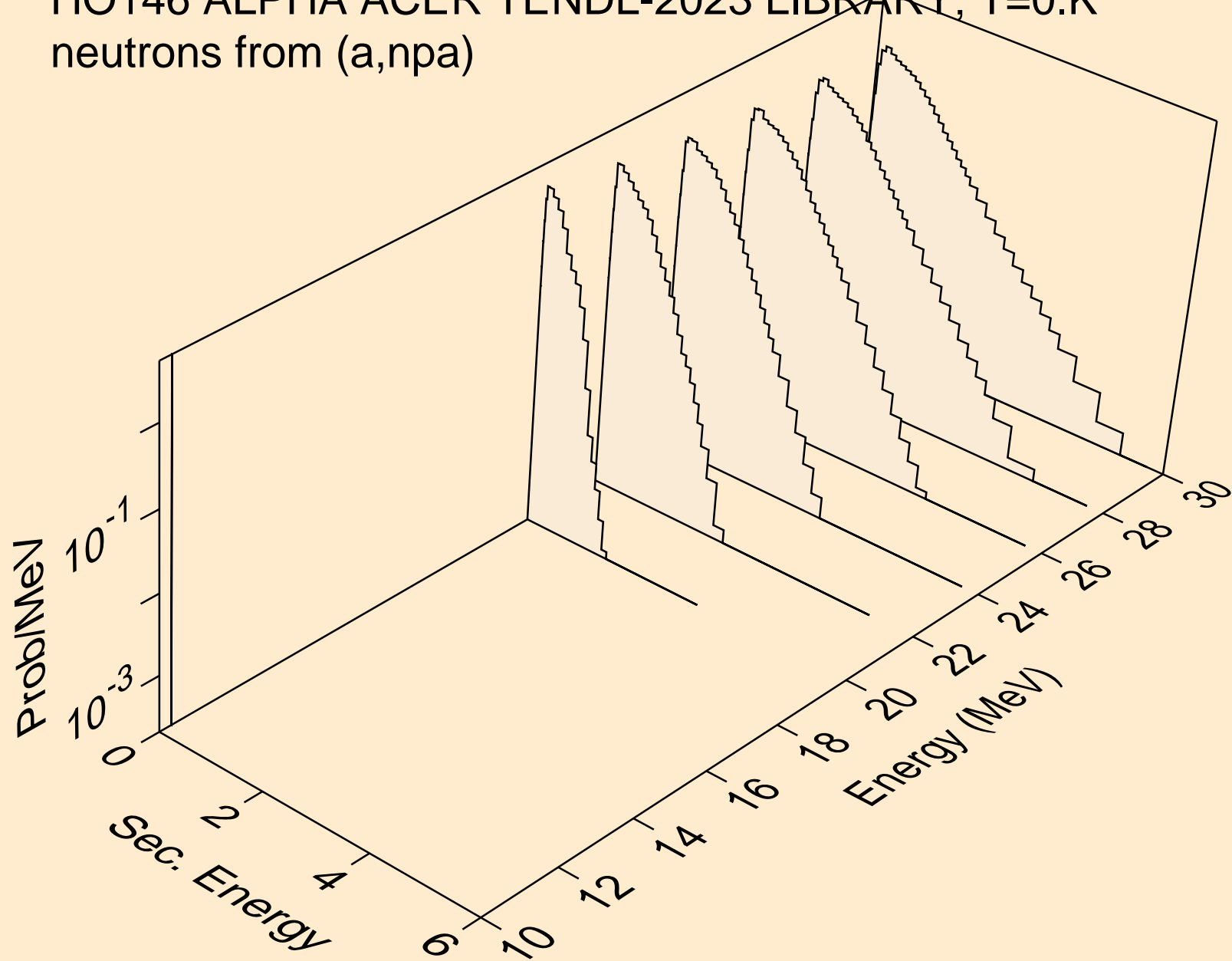
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neutrons from (a,2np)



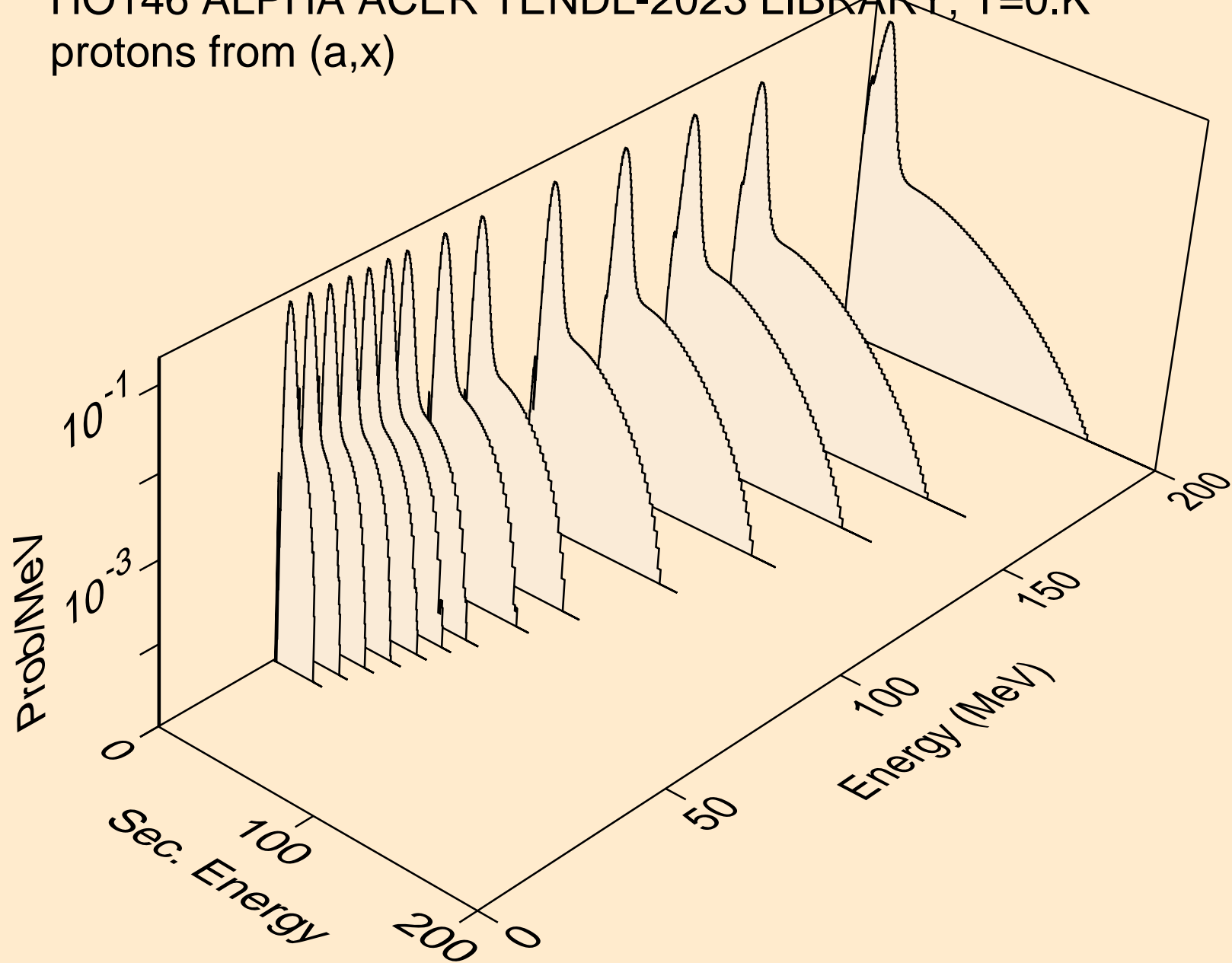
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)

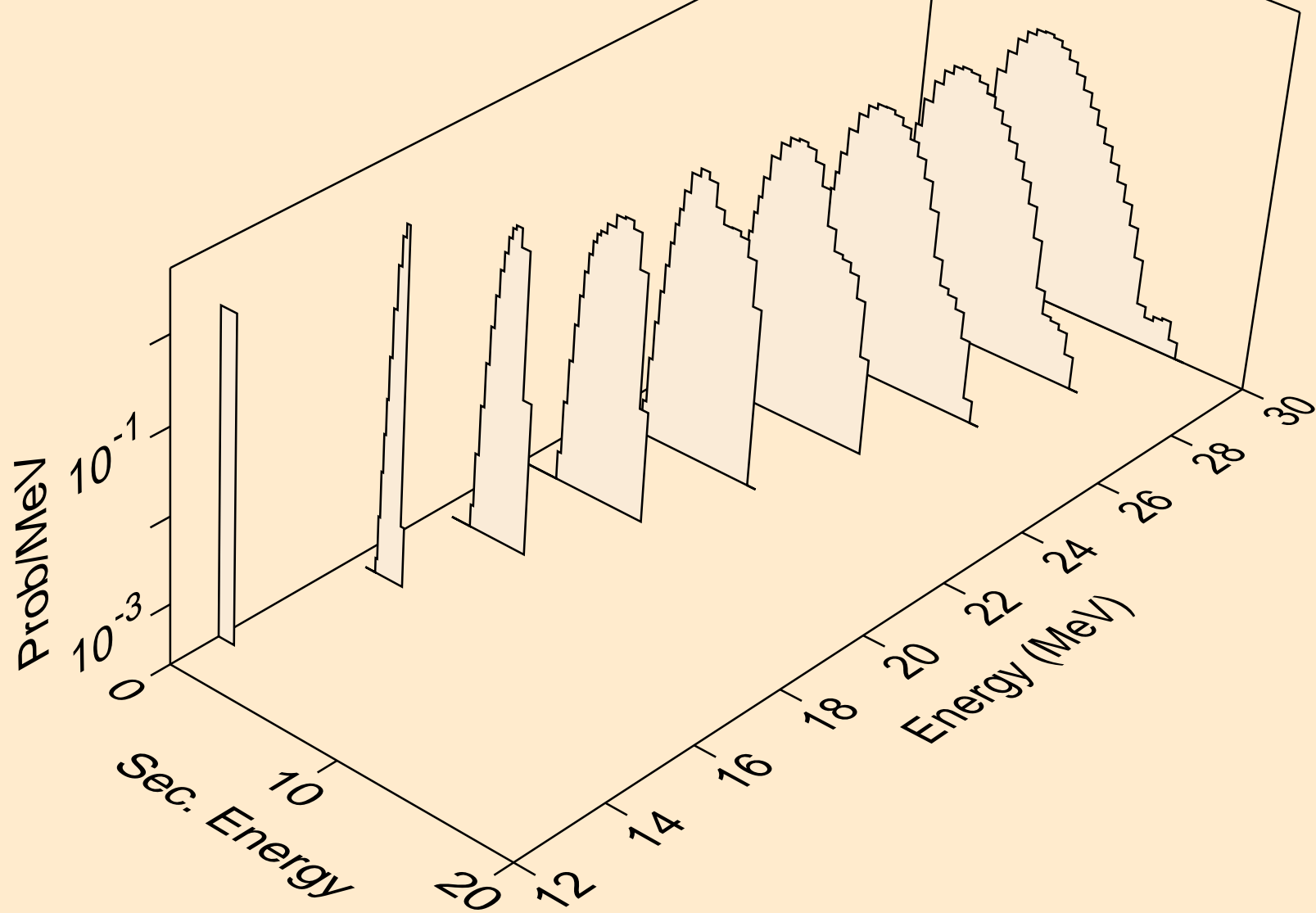


HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

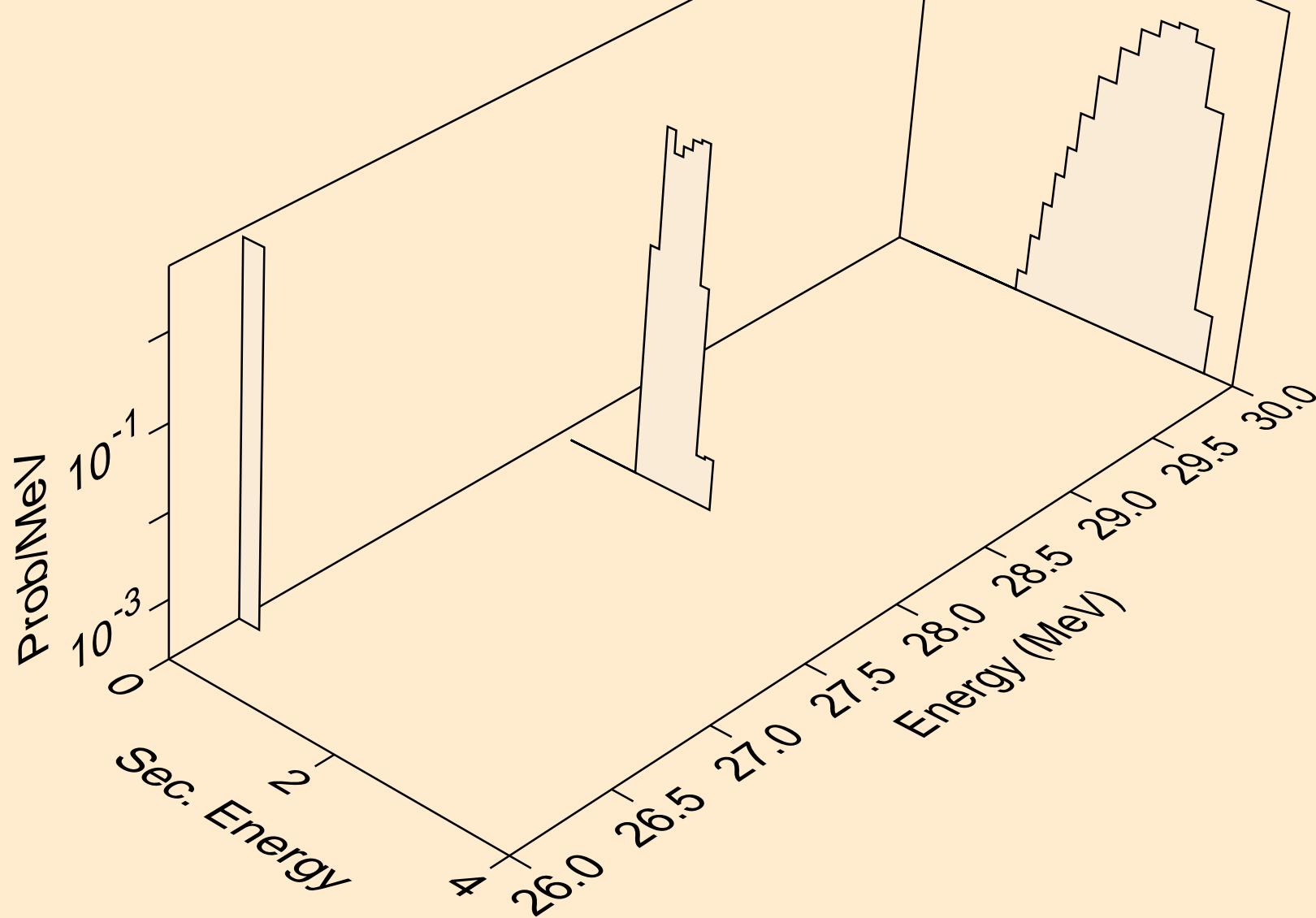




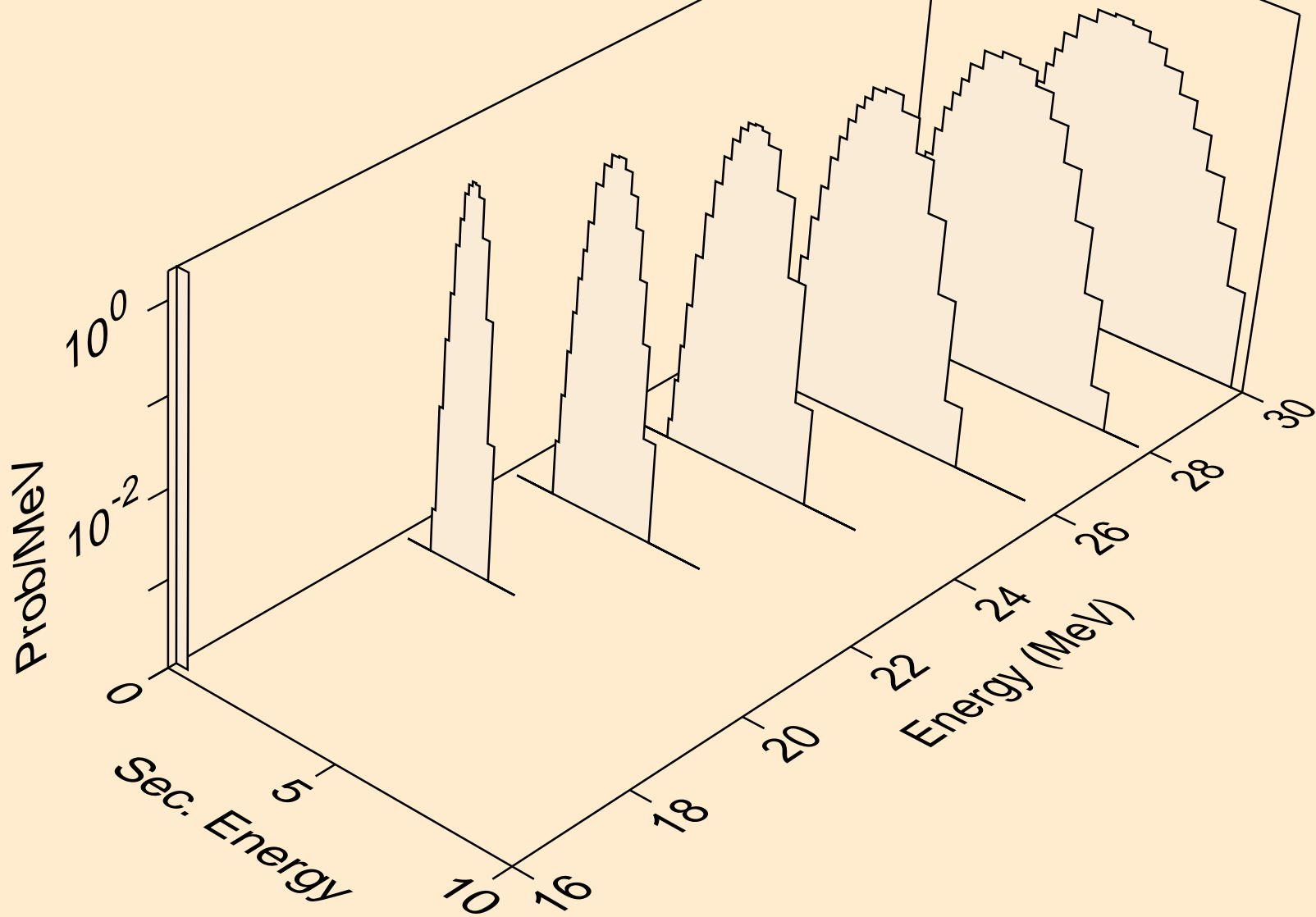
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



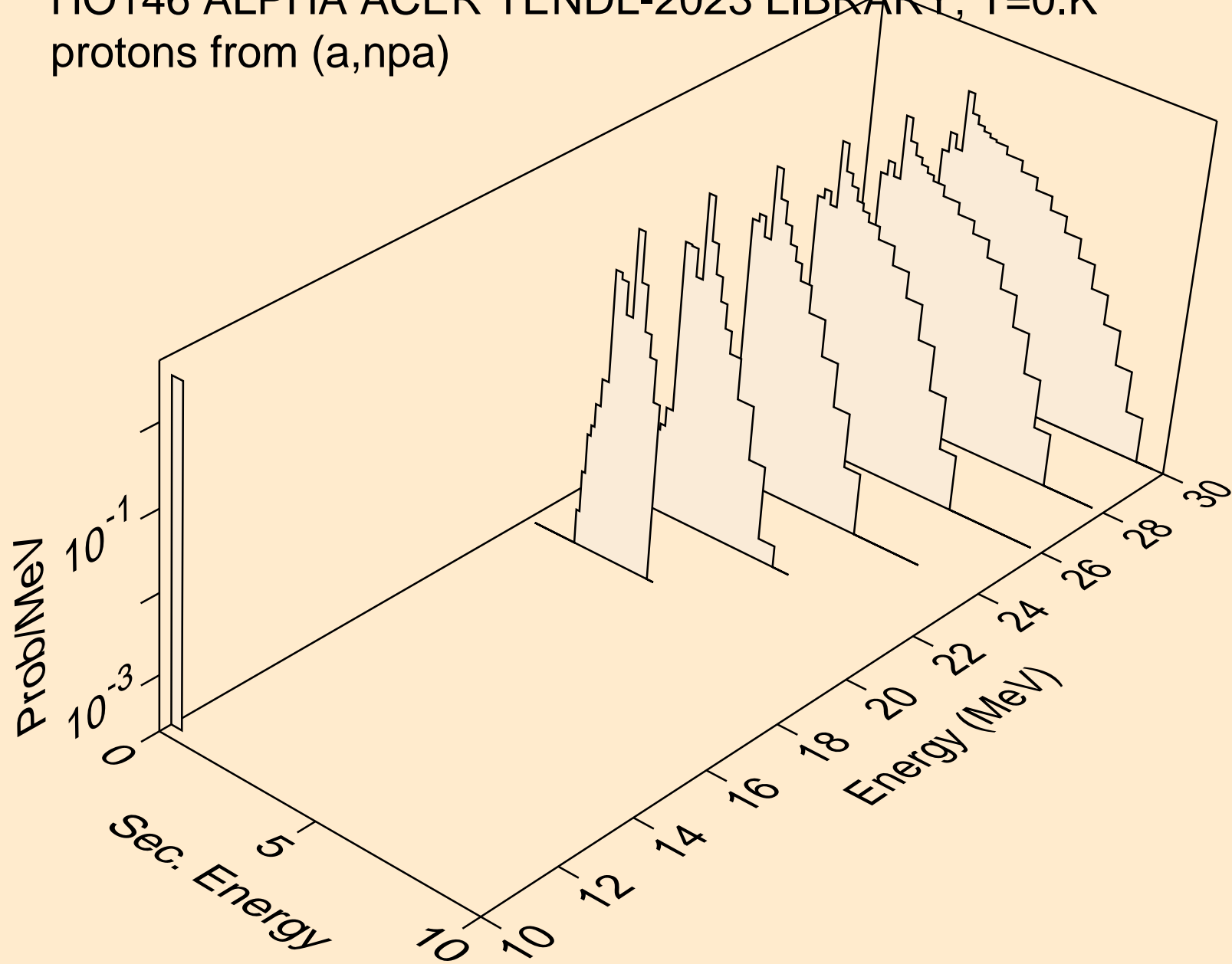
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protons from (a,2np)



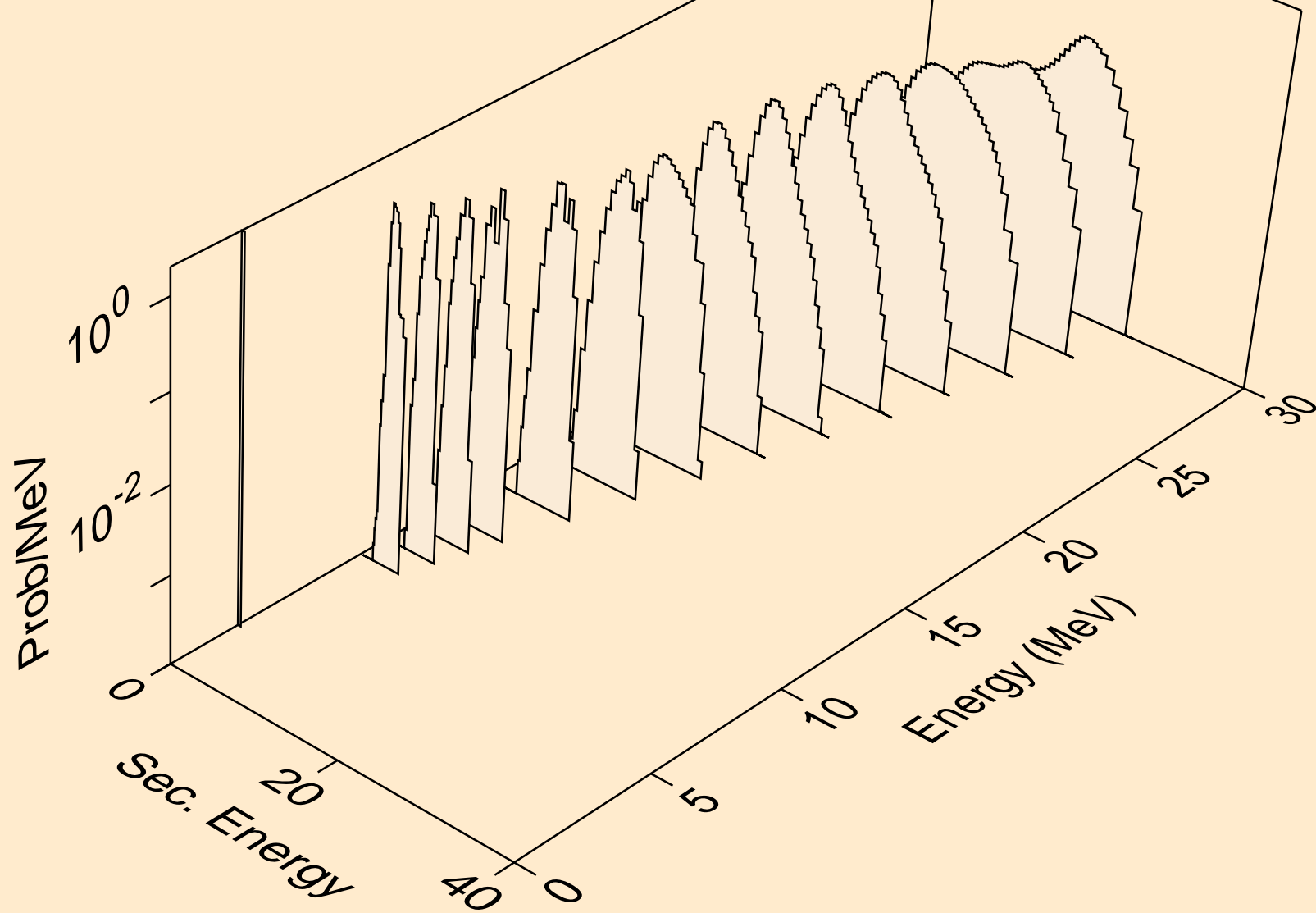
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protons from (a,n2p)



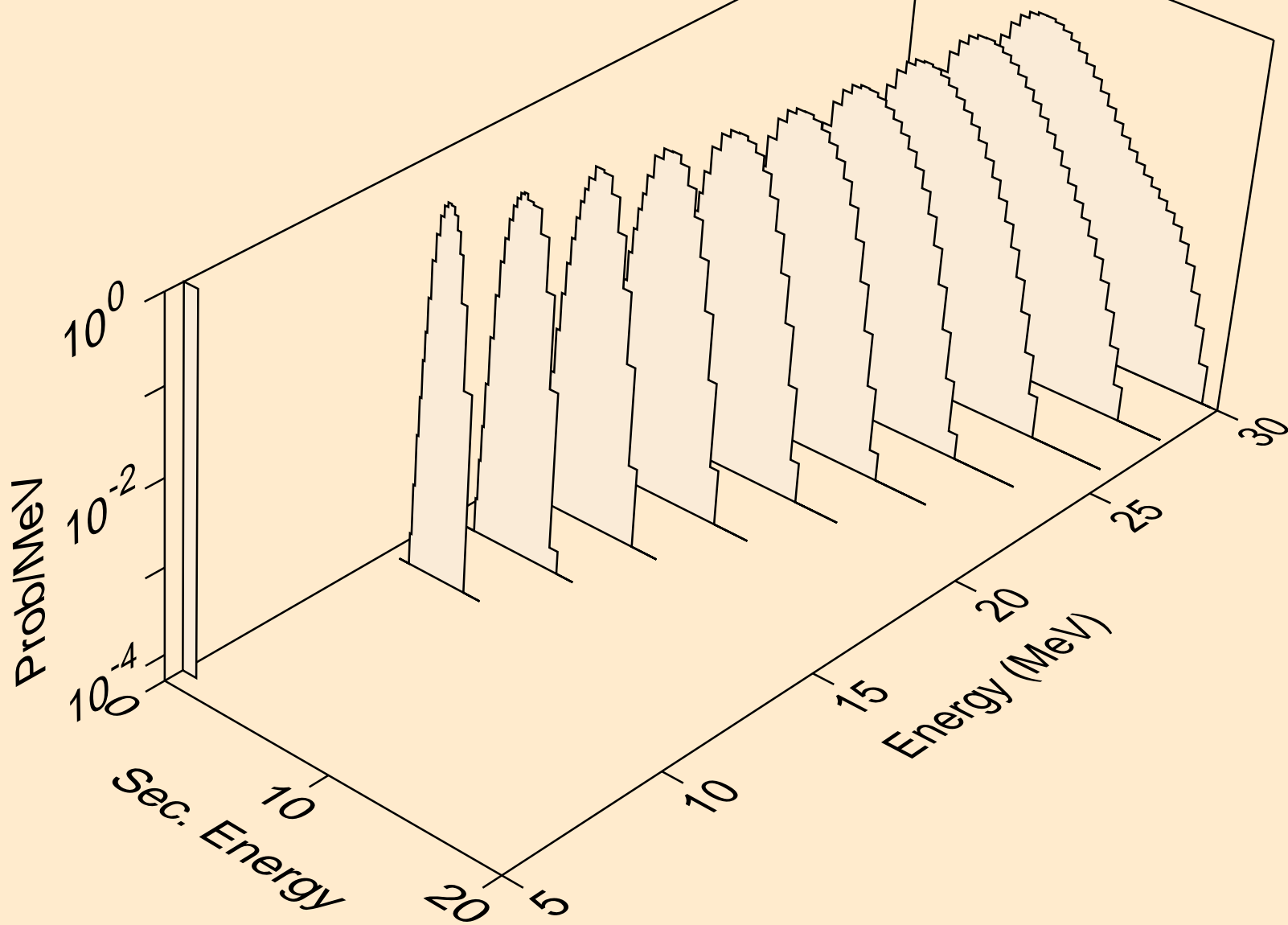
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



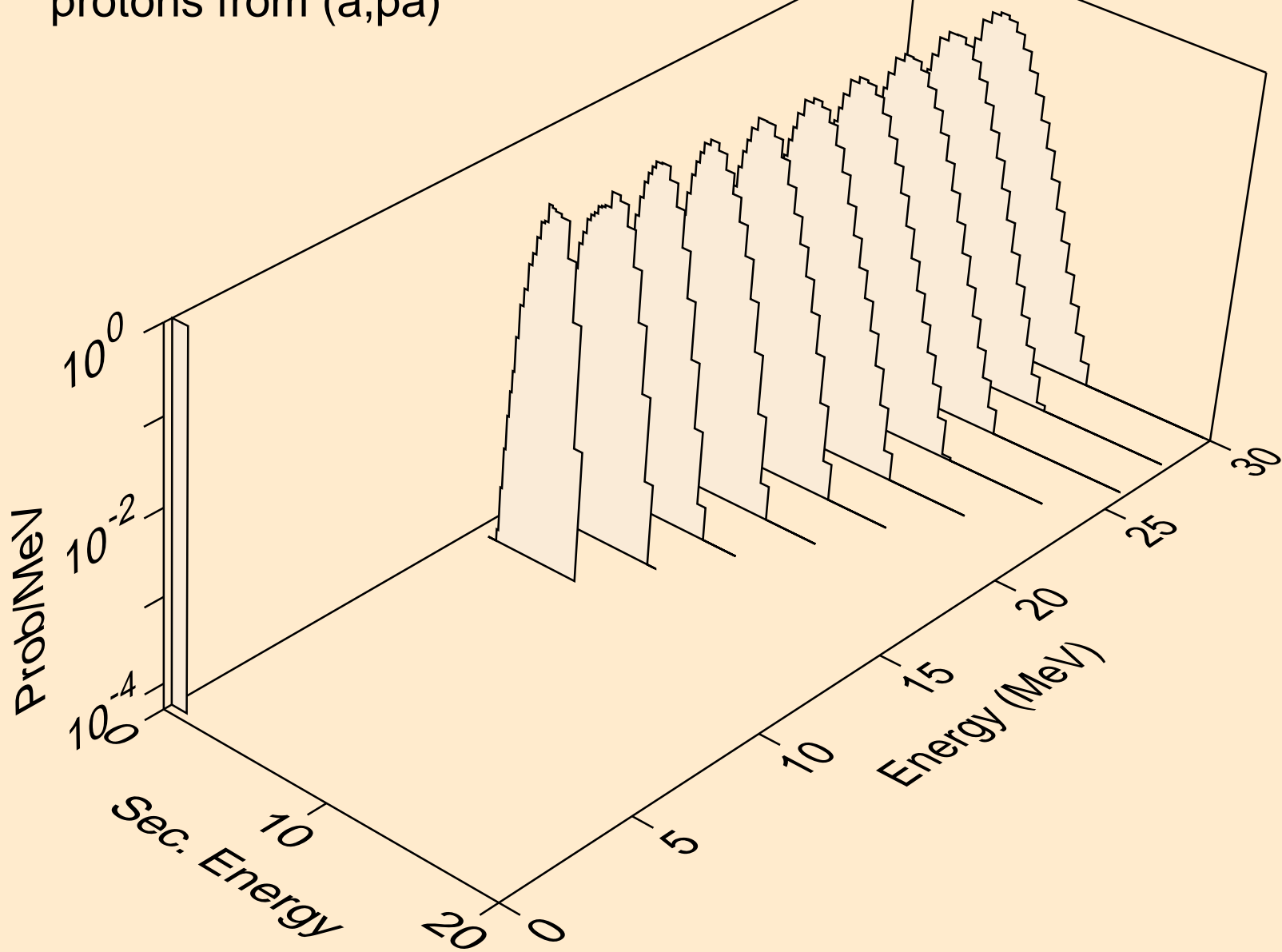
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



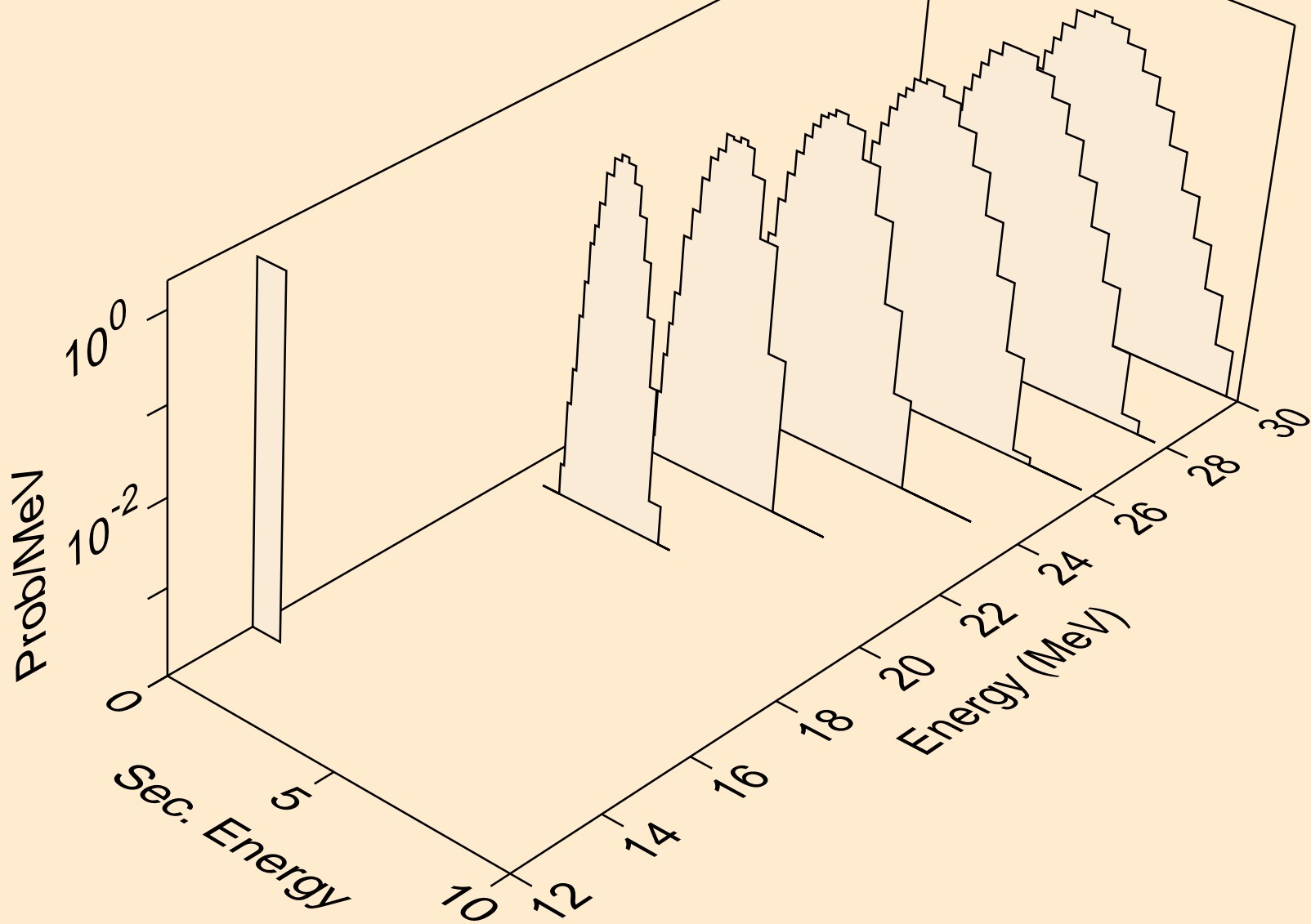
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)

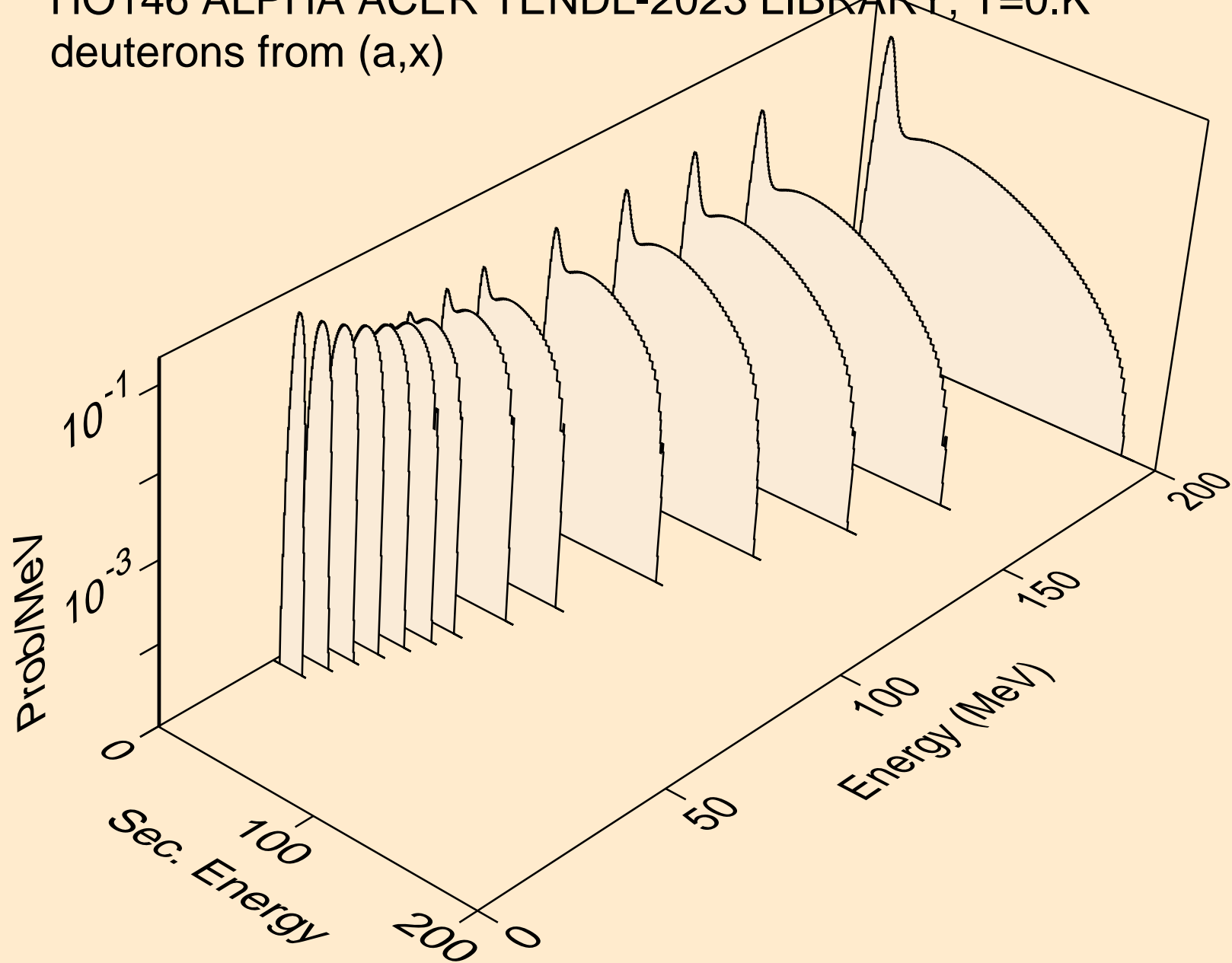


HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)

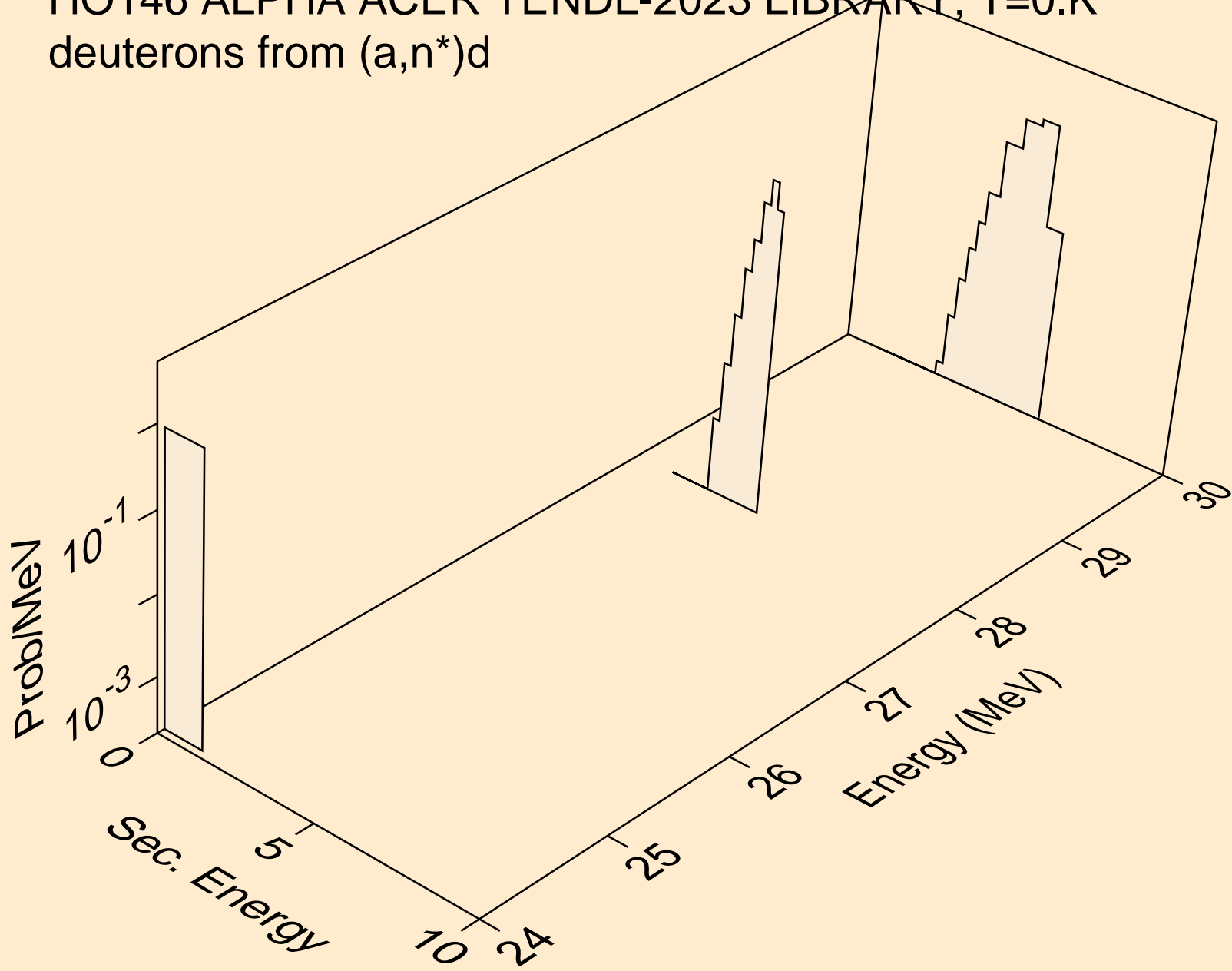




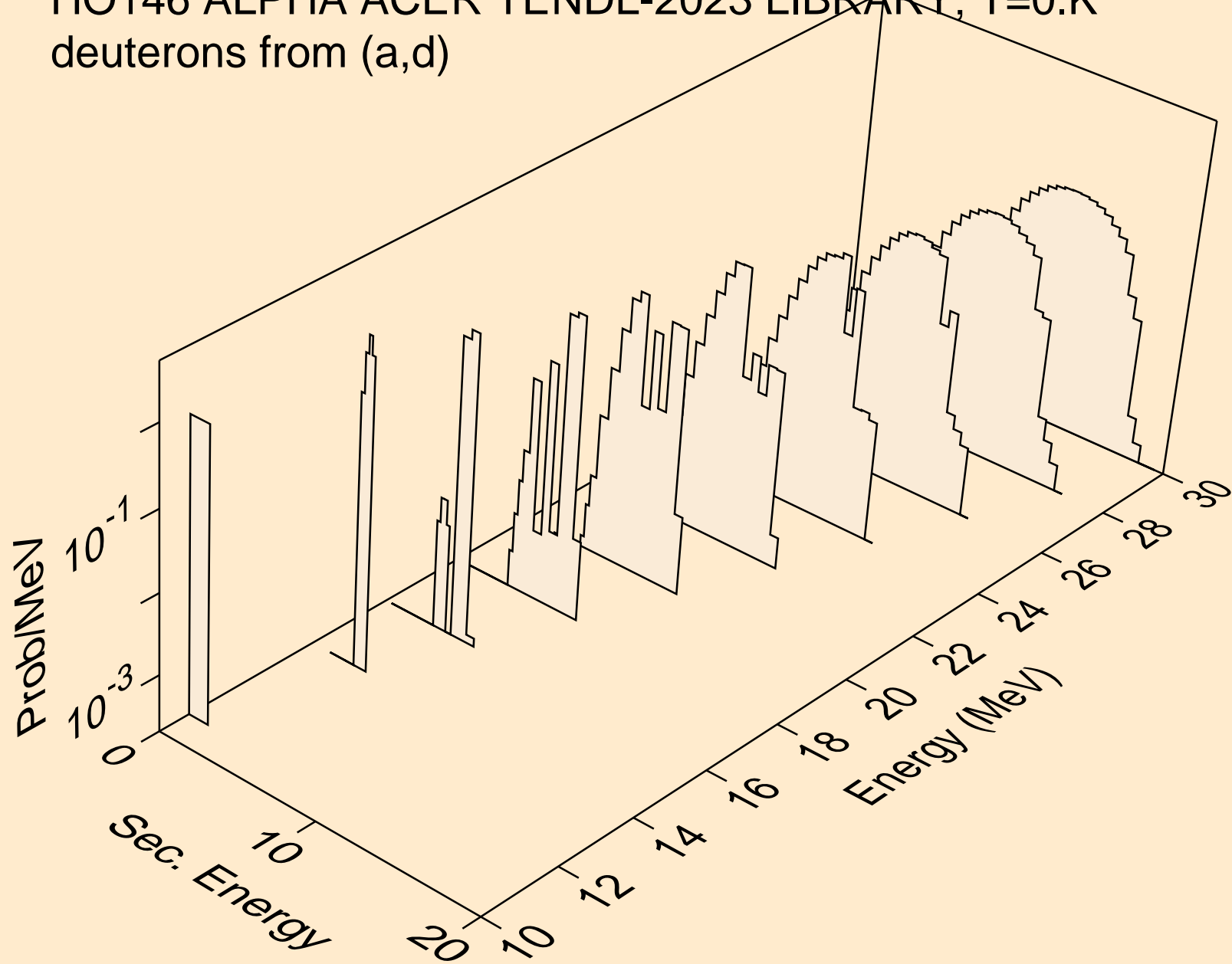
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



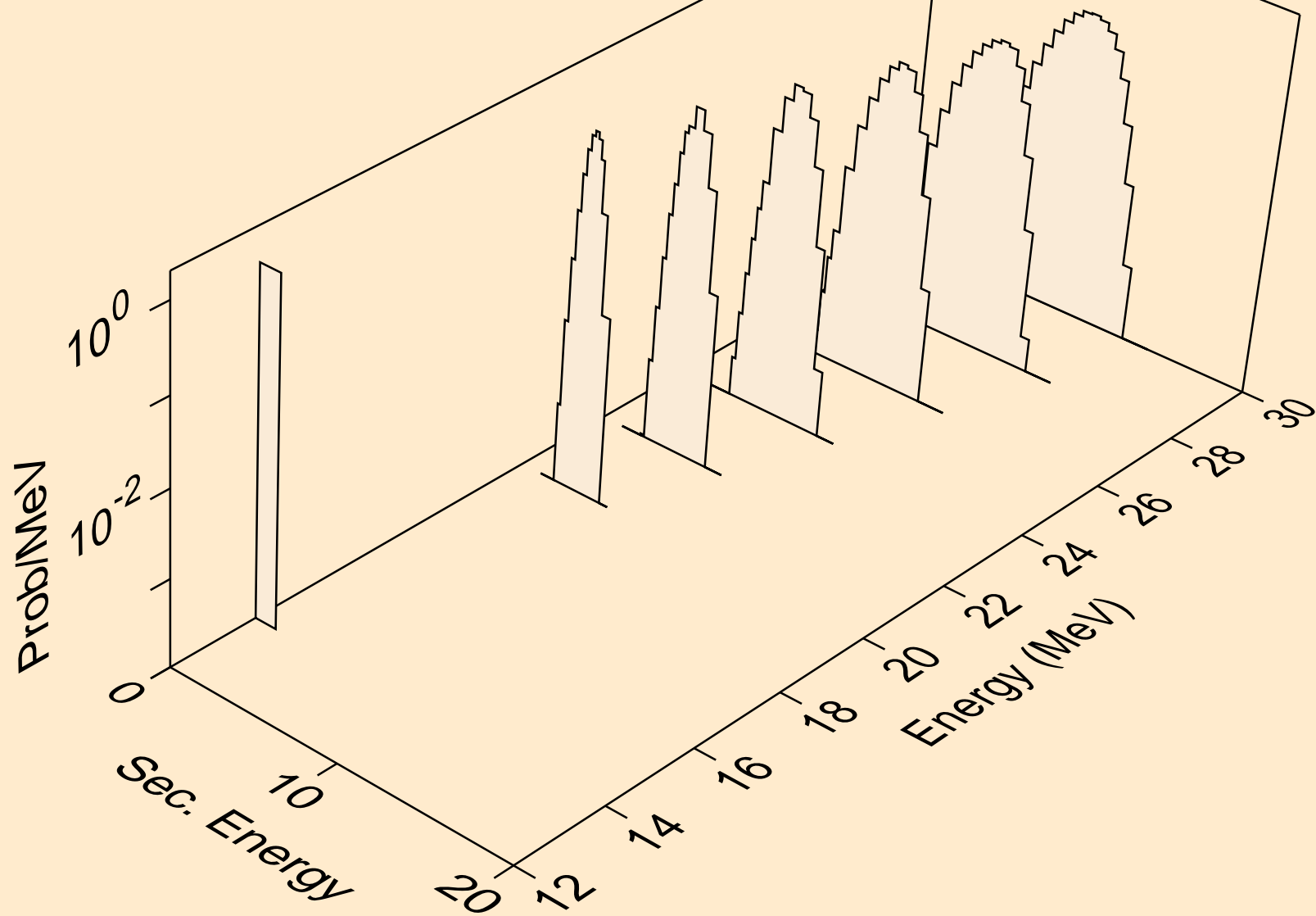
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



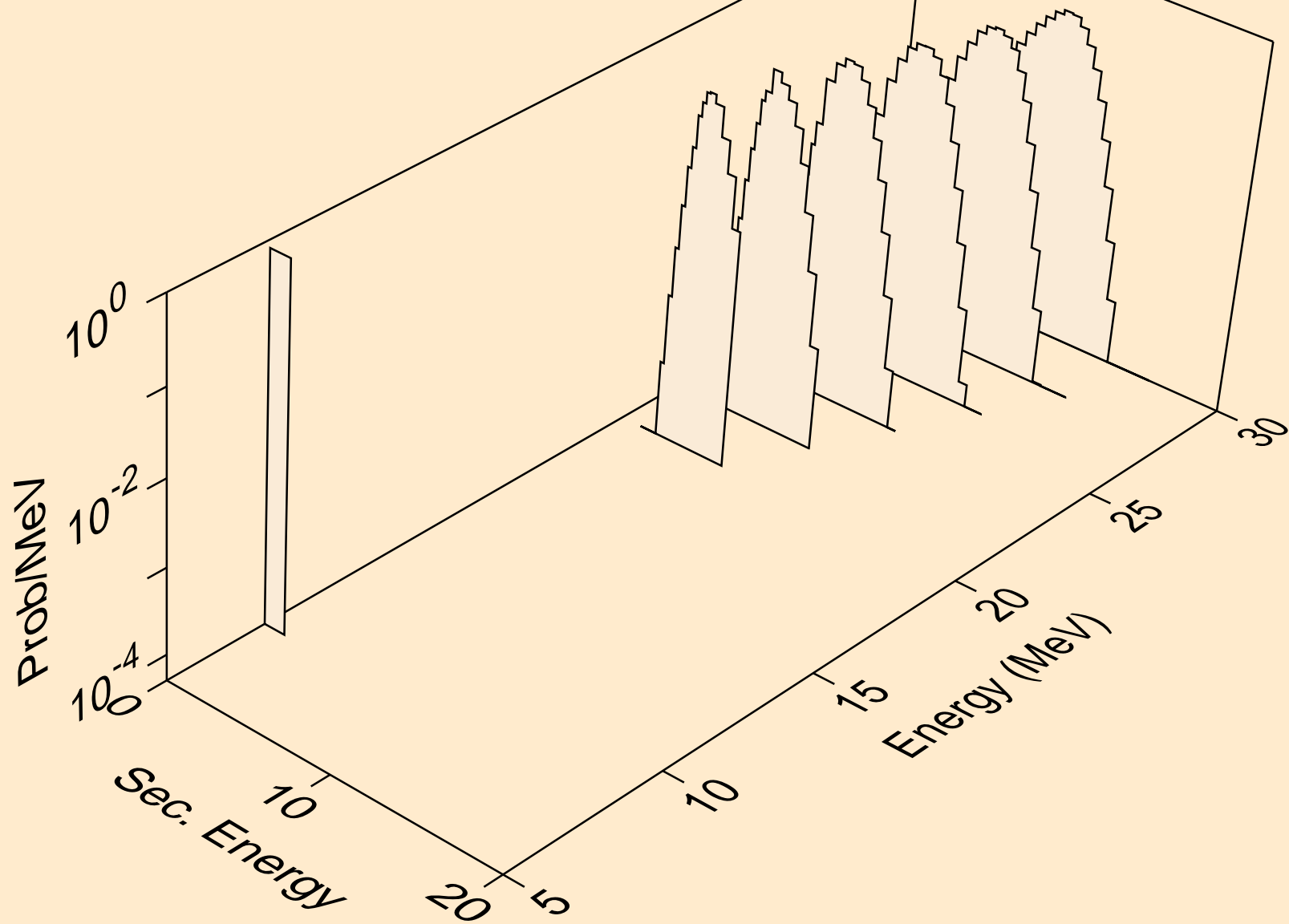
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



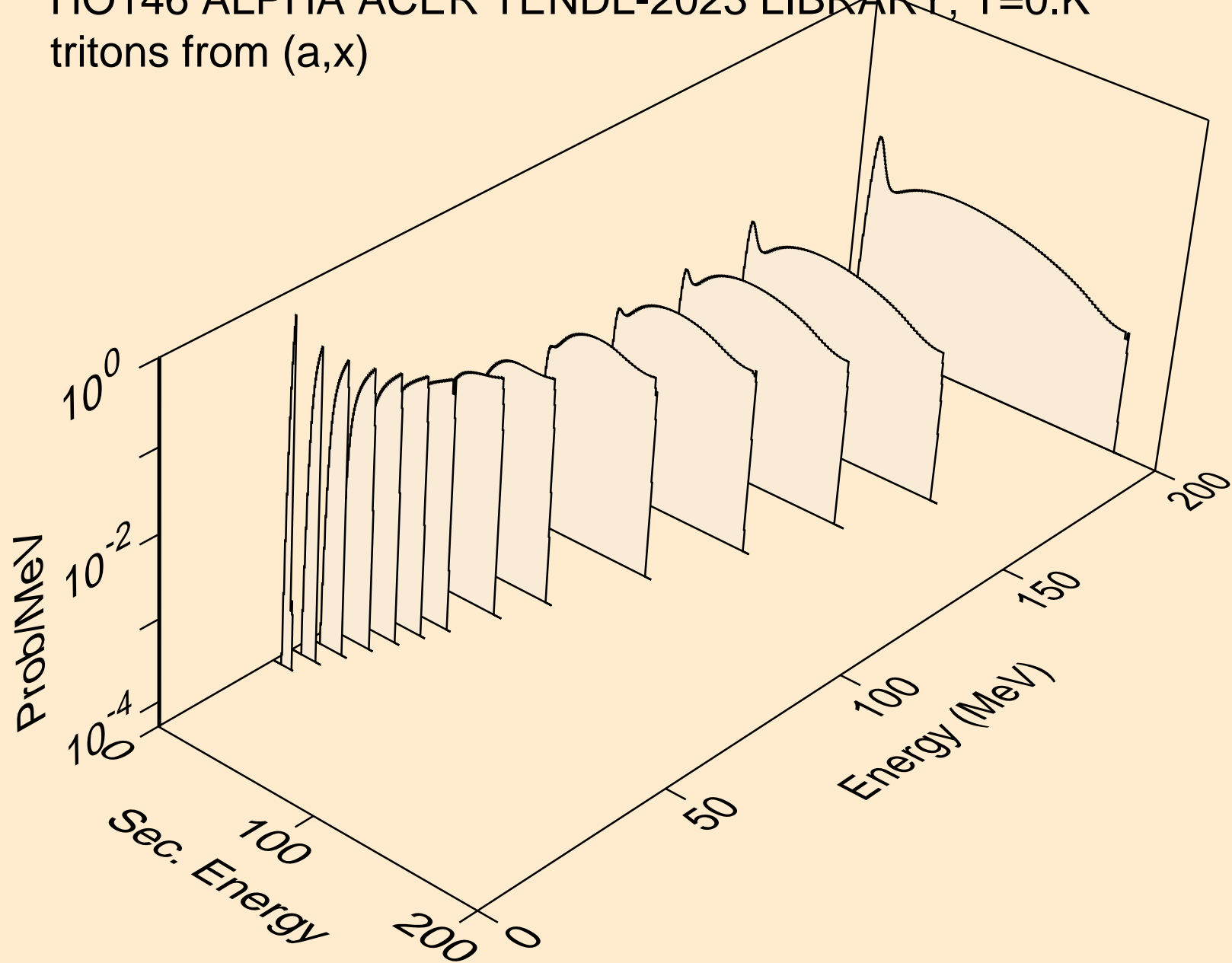
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



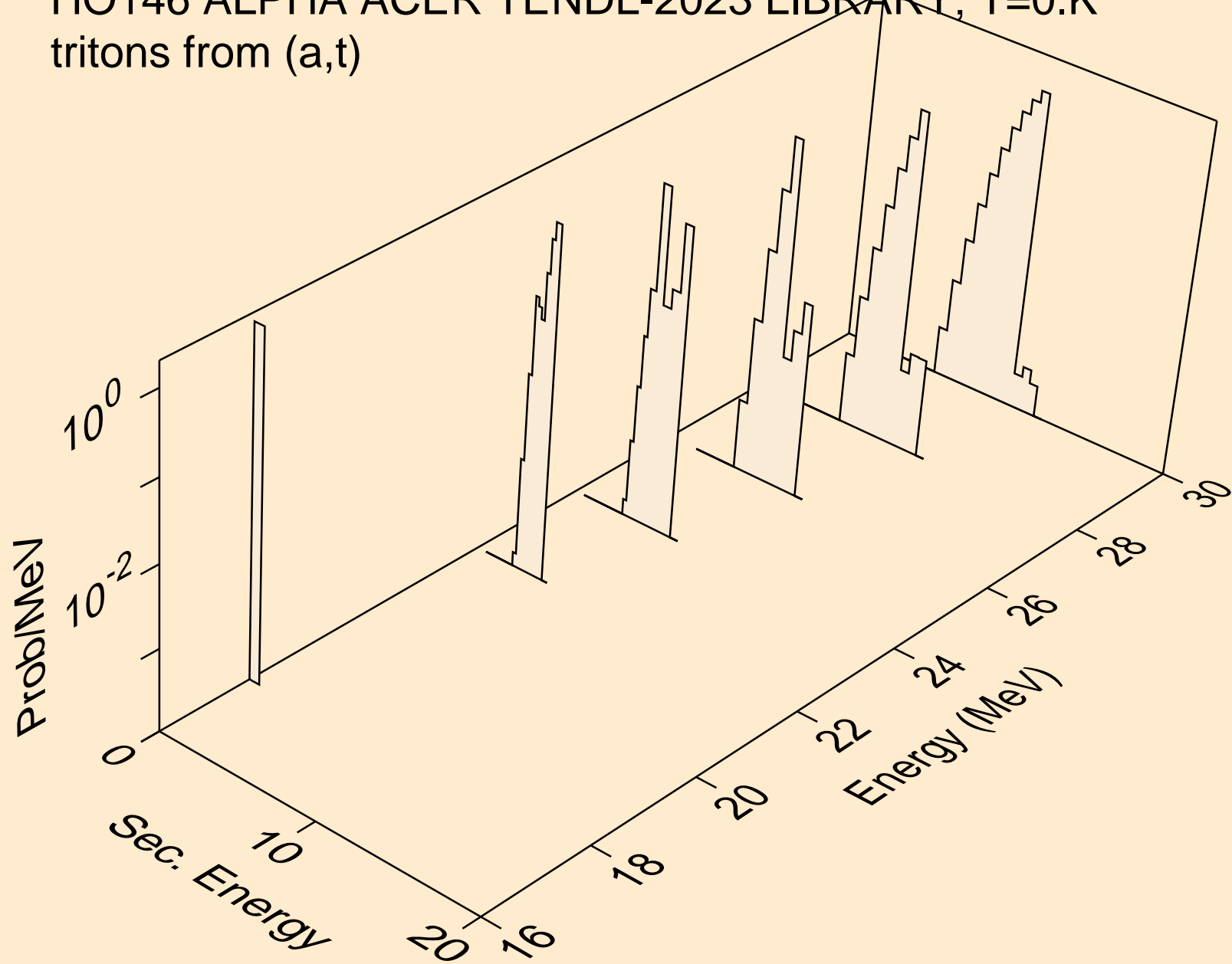
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



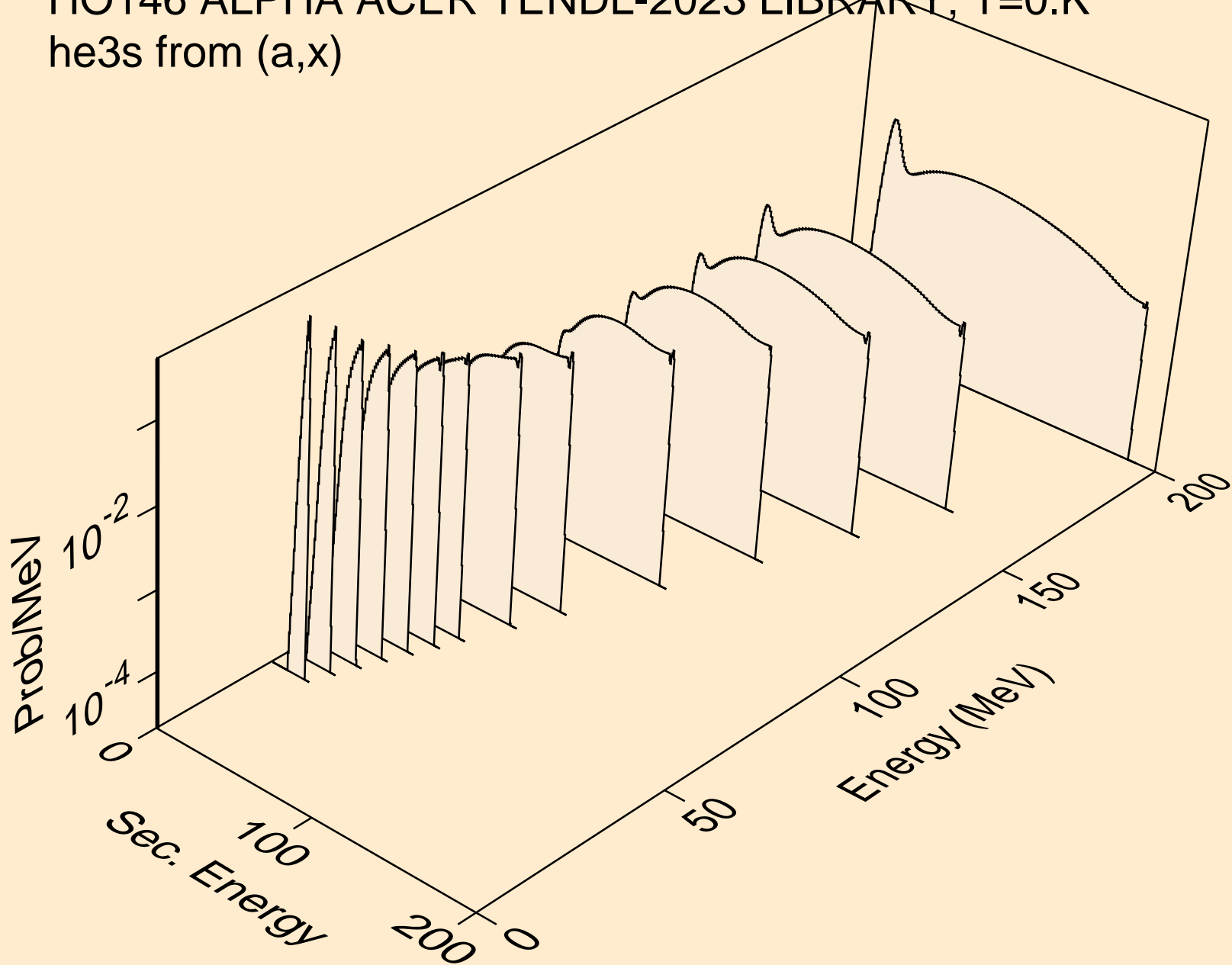
HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)





HO146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

