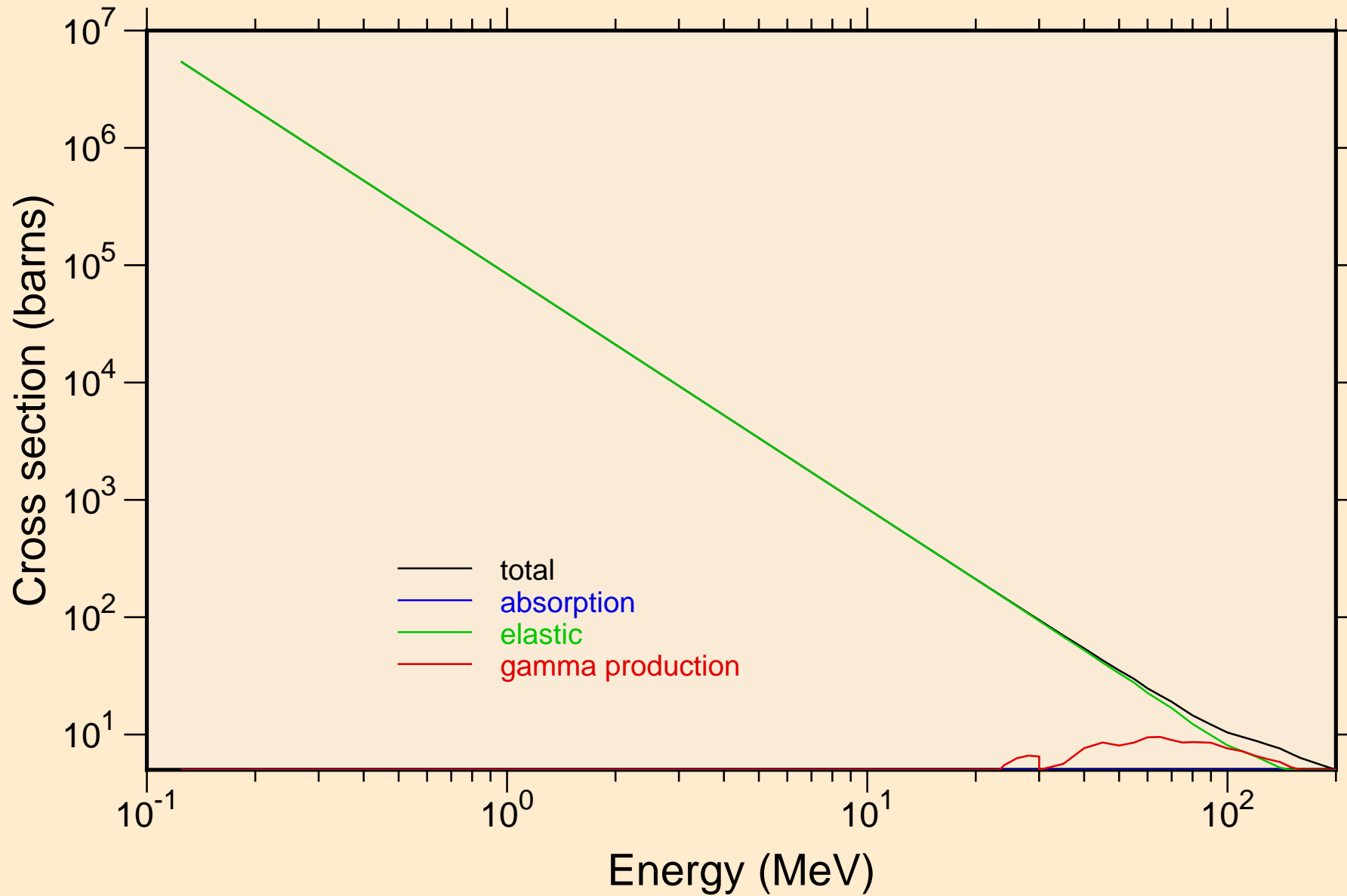


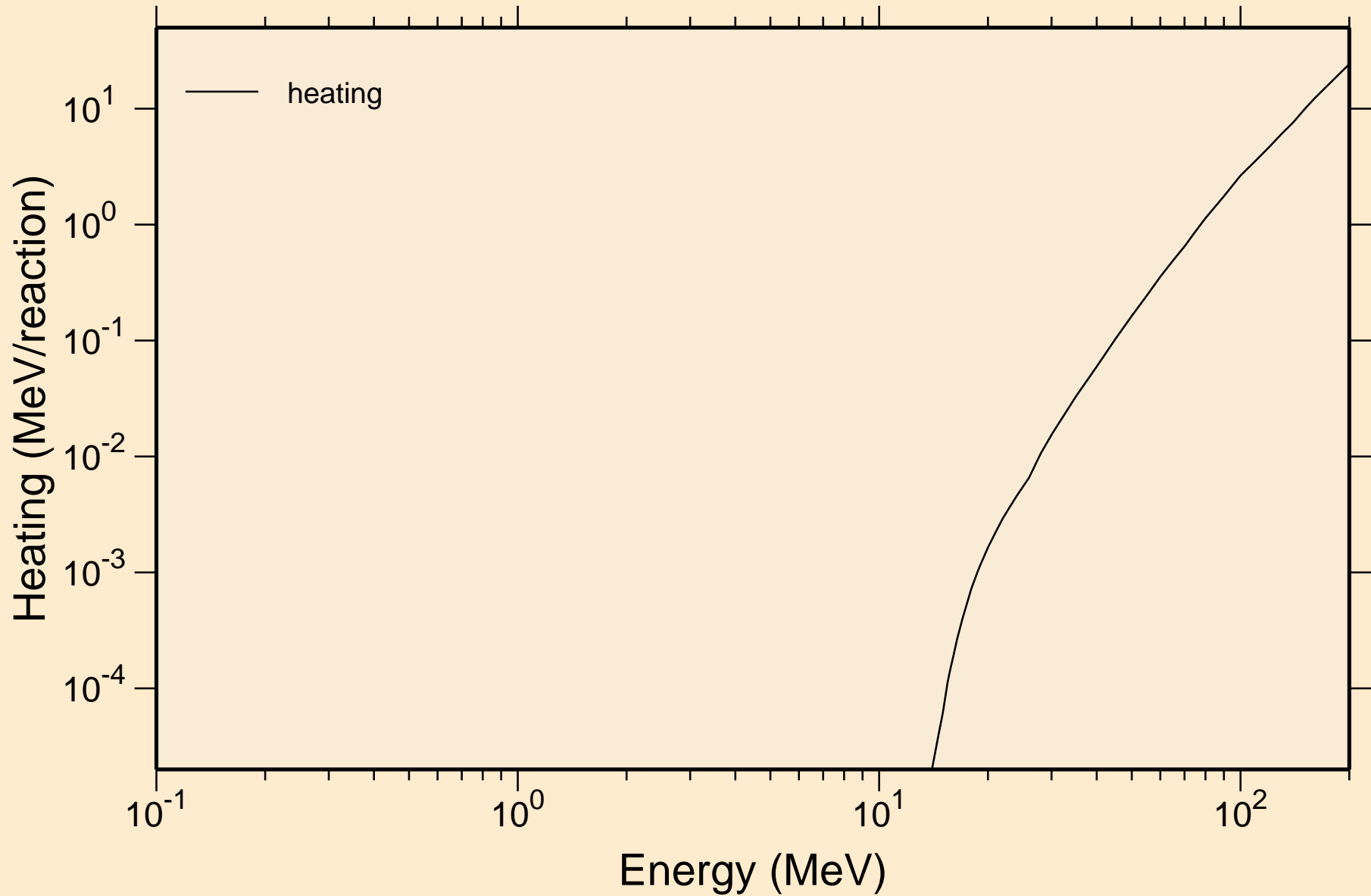
# LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



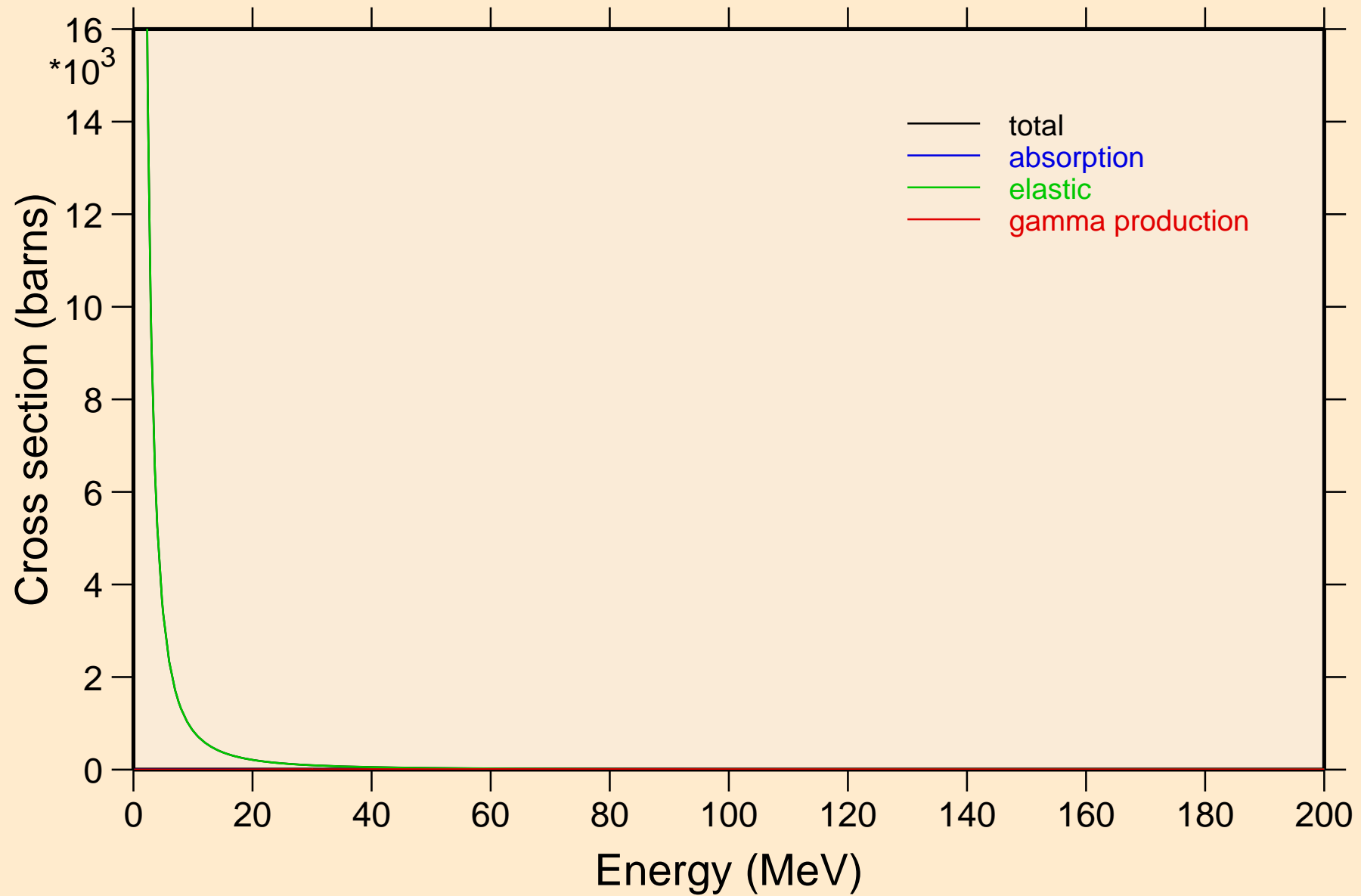
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



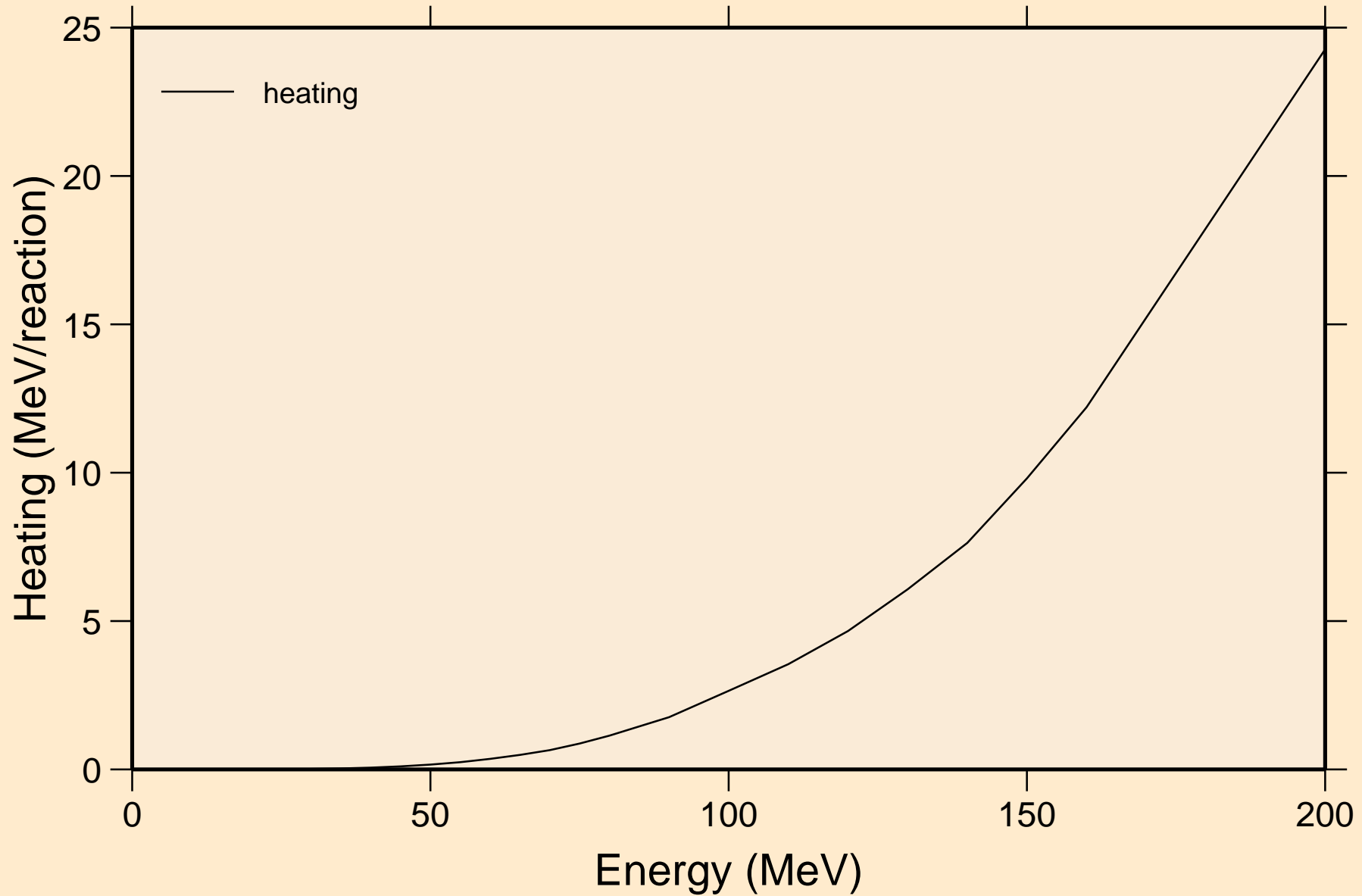
# LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

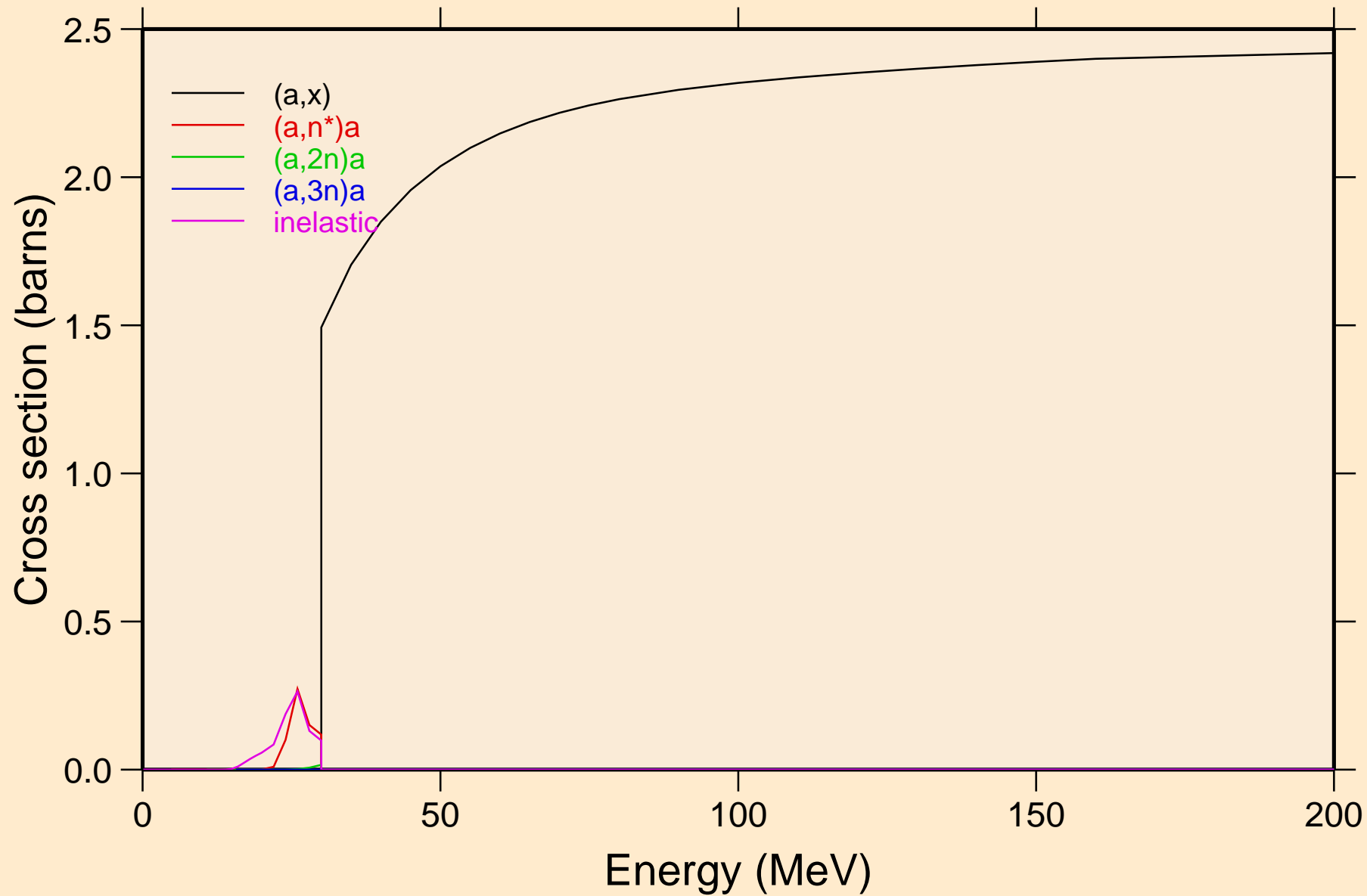


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

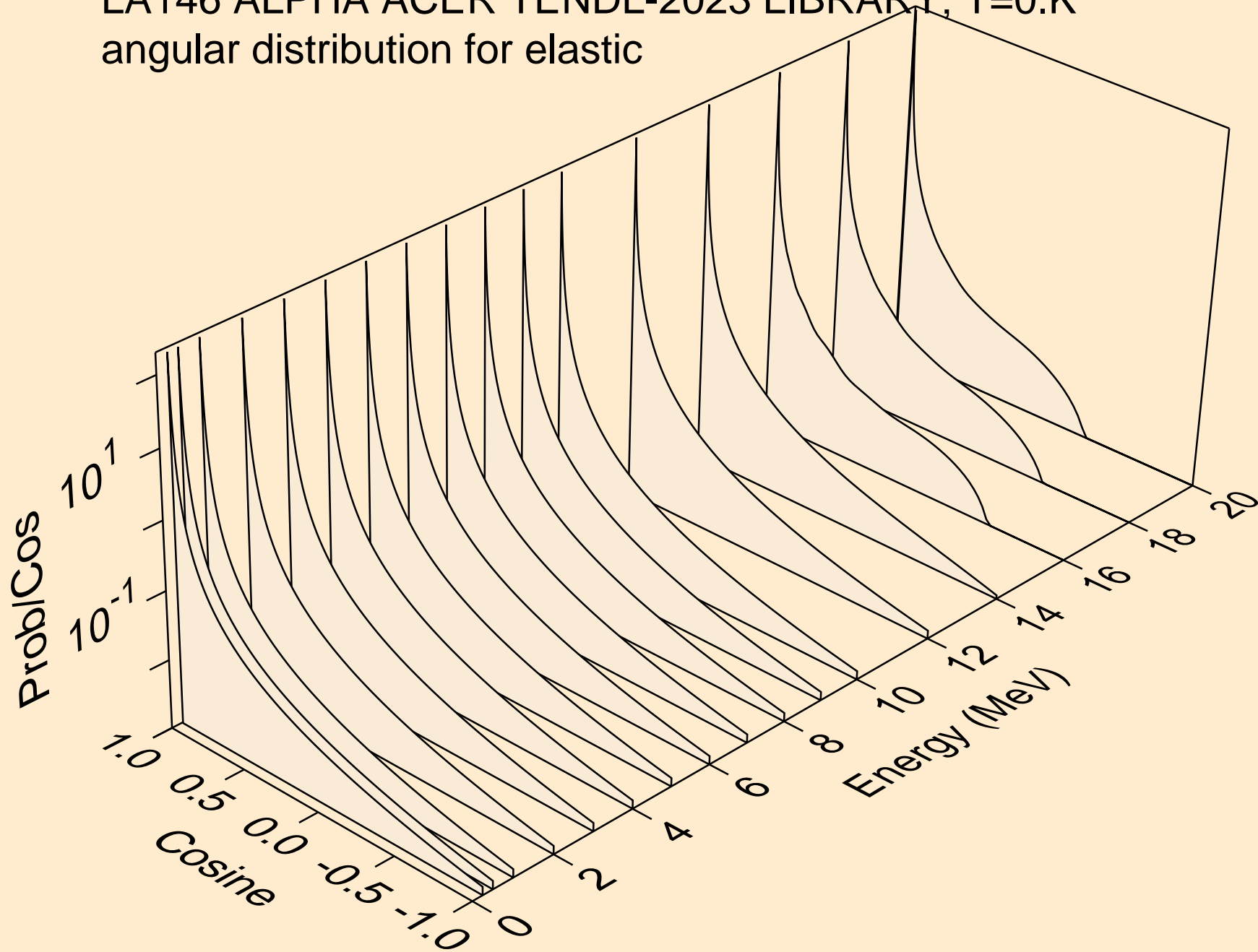
Heating



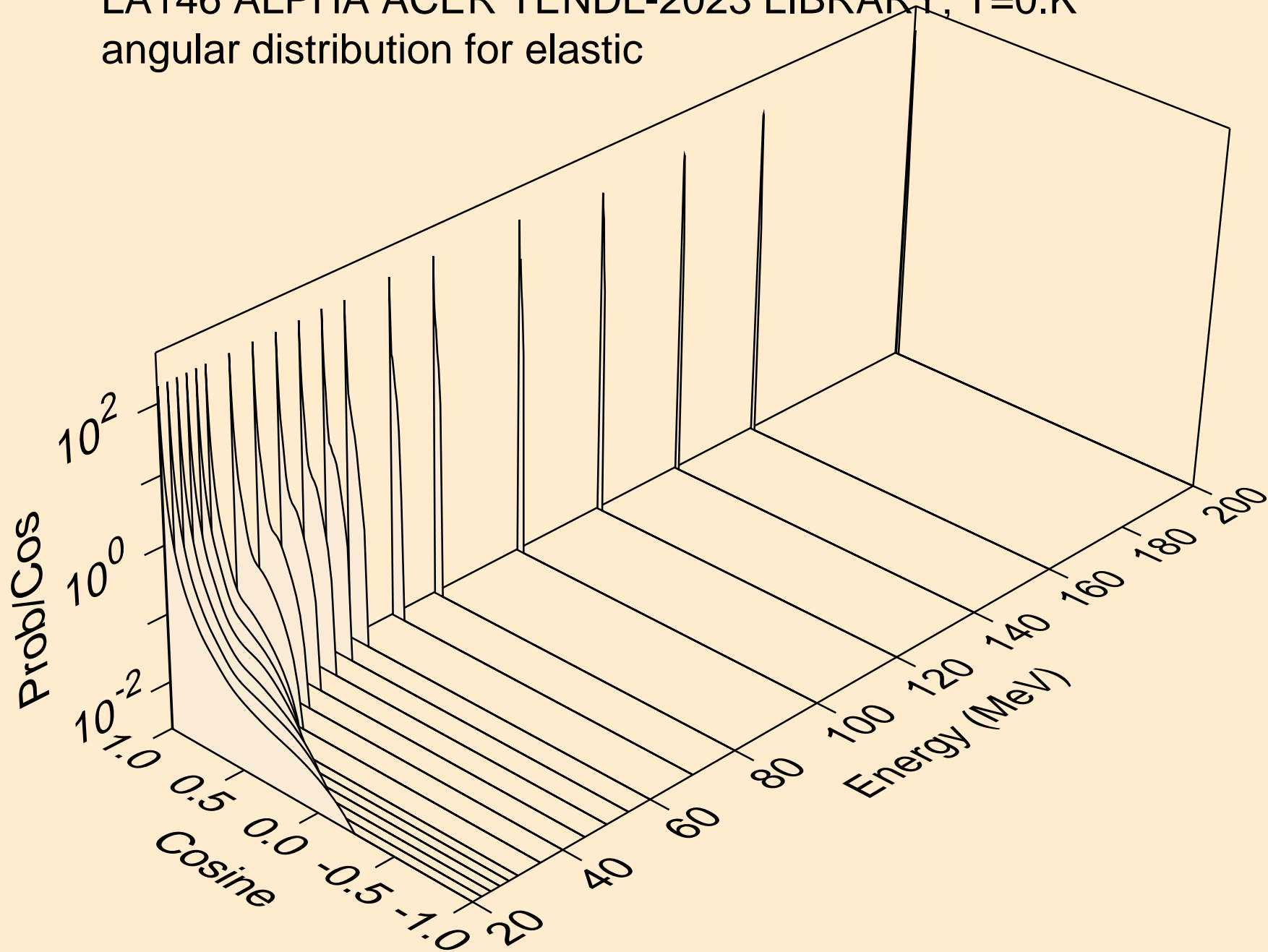
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

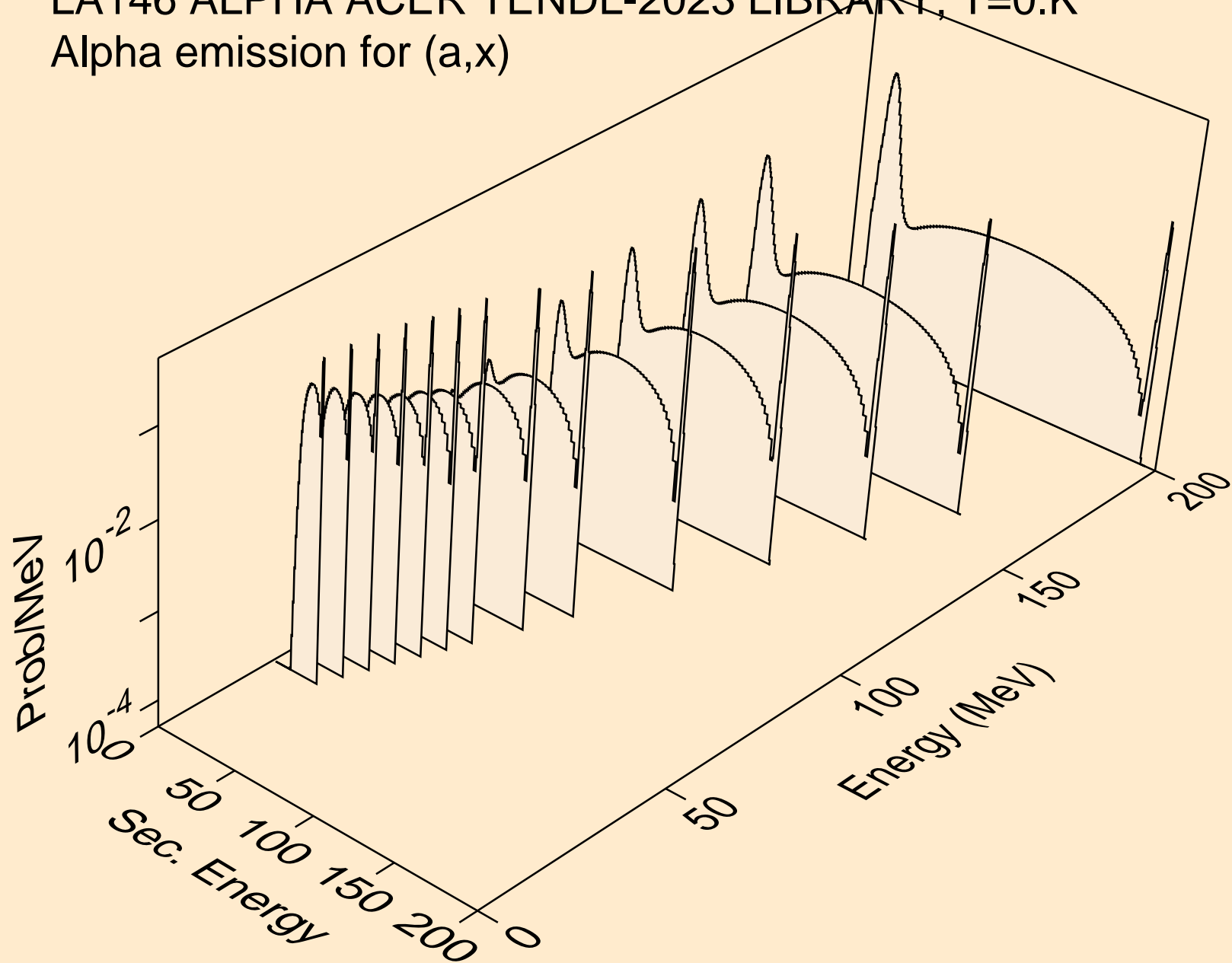


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

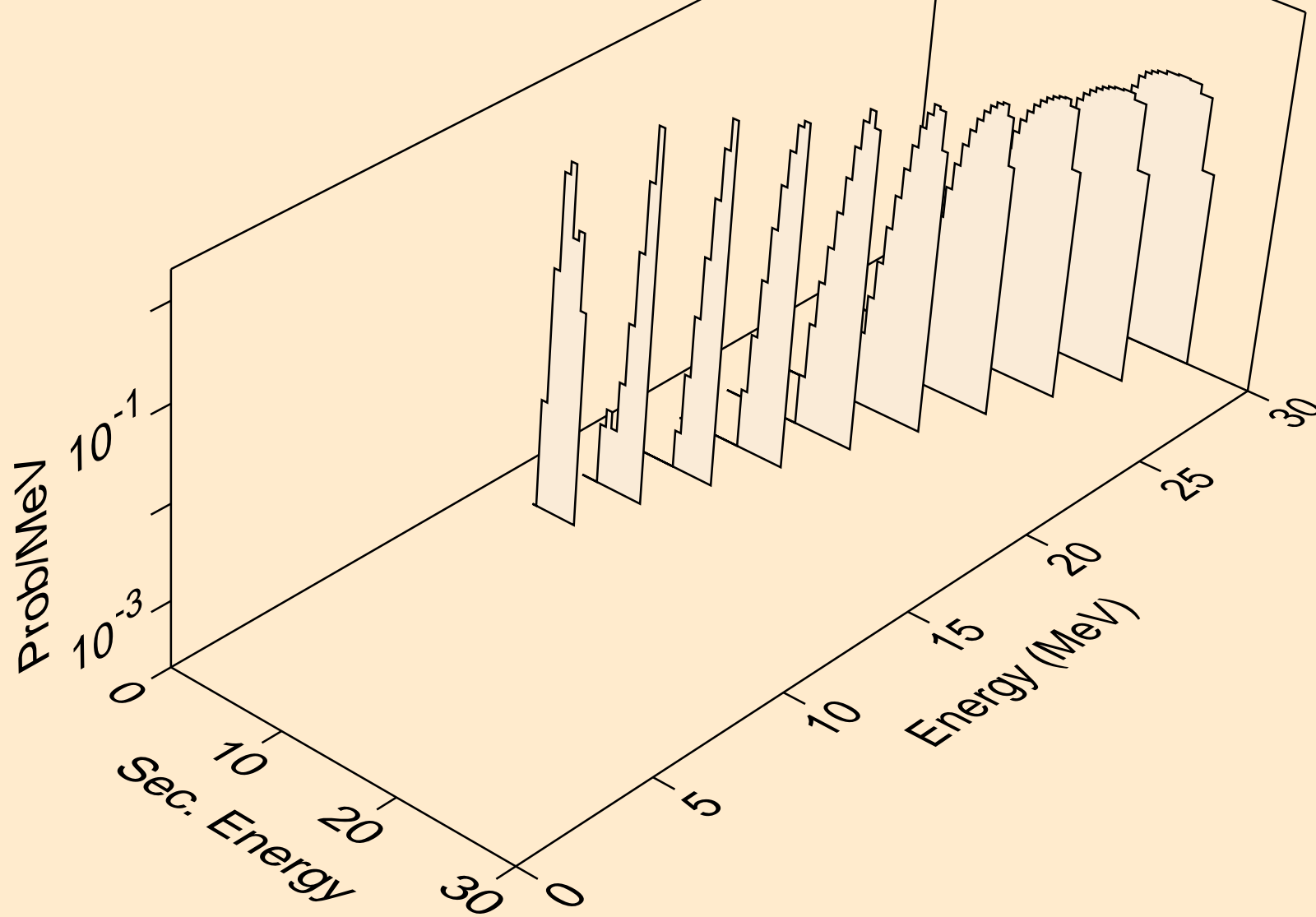
Alpha emission for (a,x)



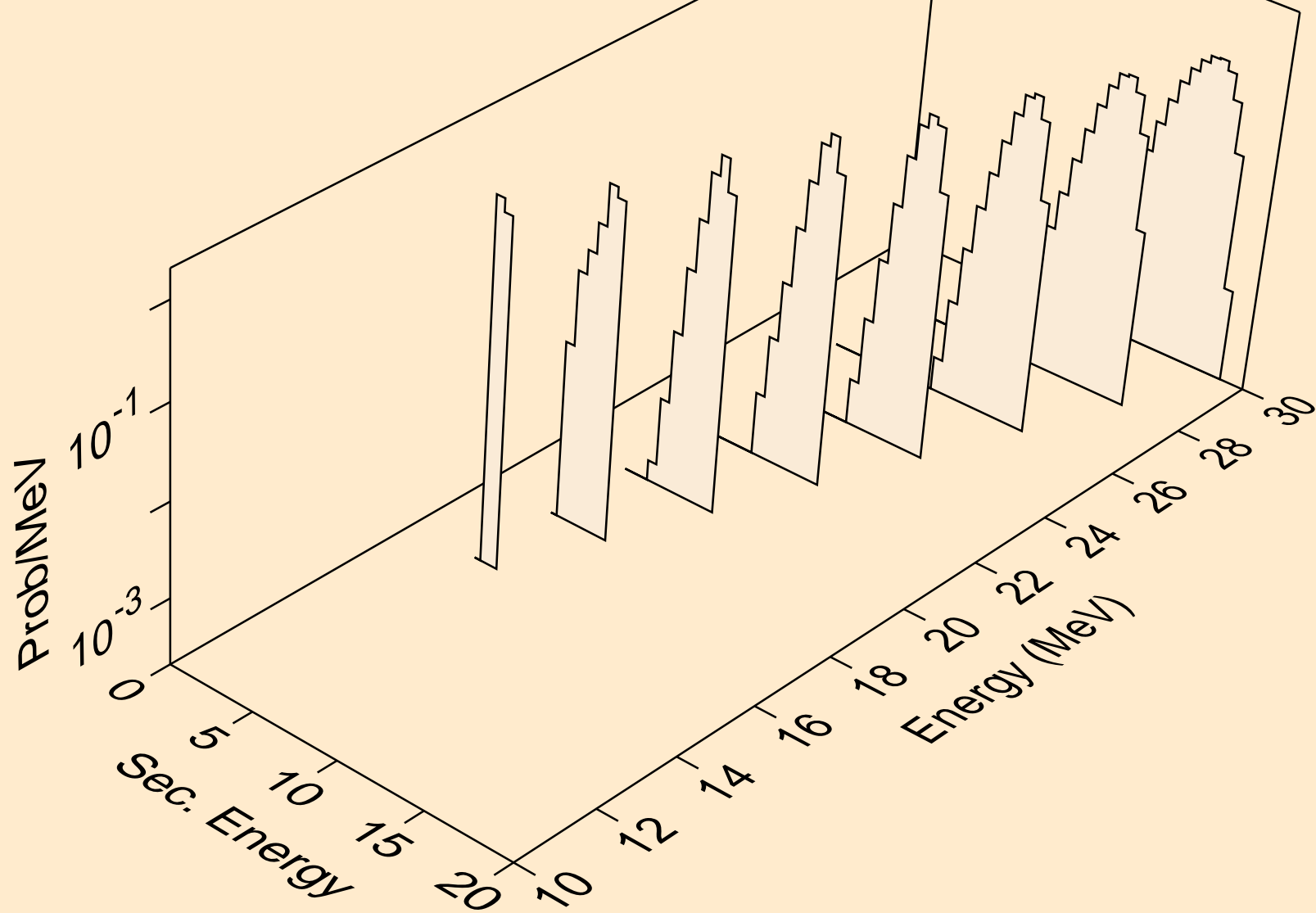


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n\*)a

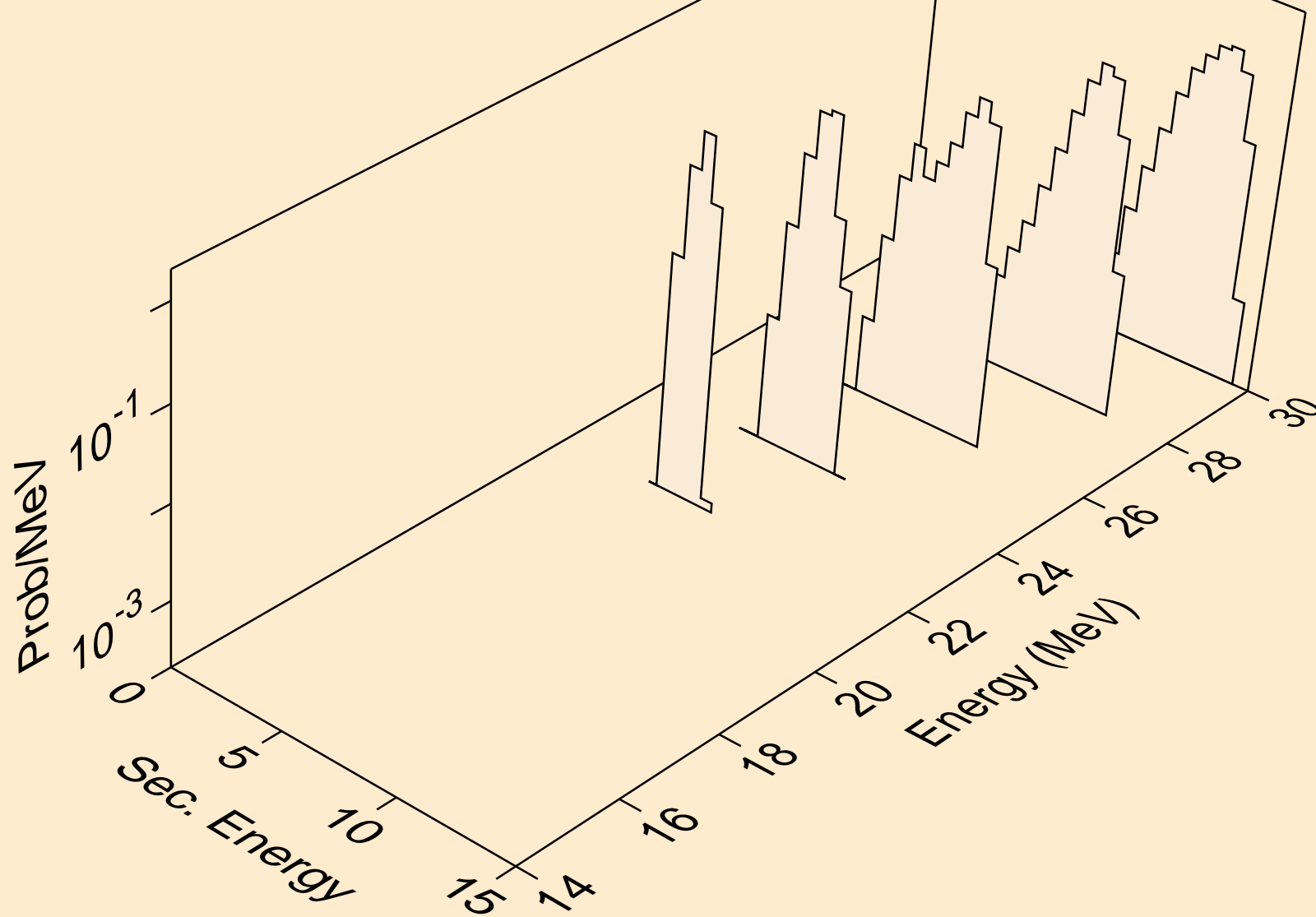


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

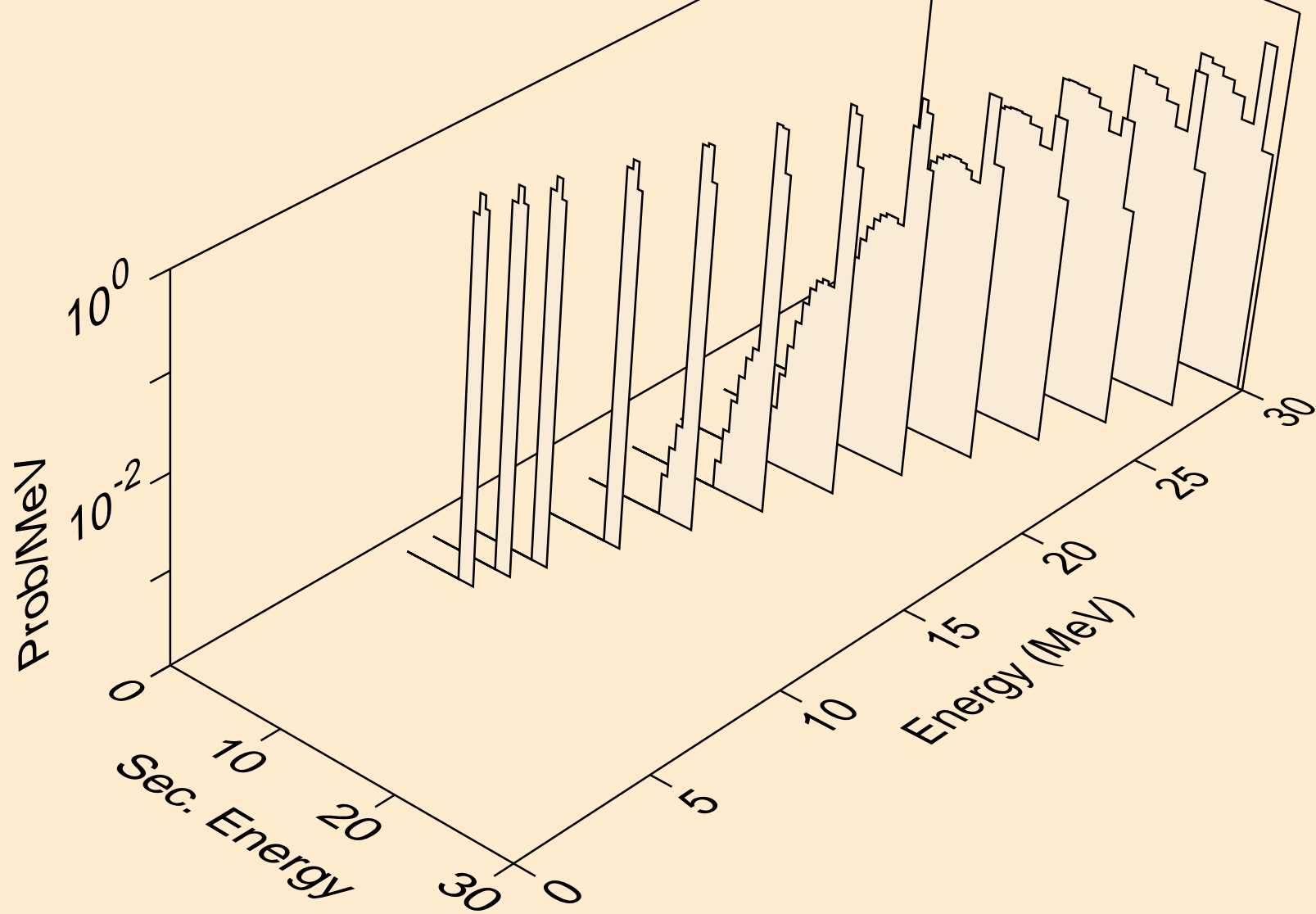


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

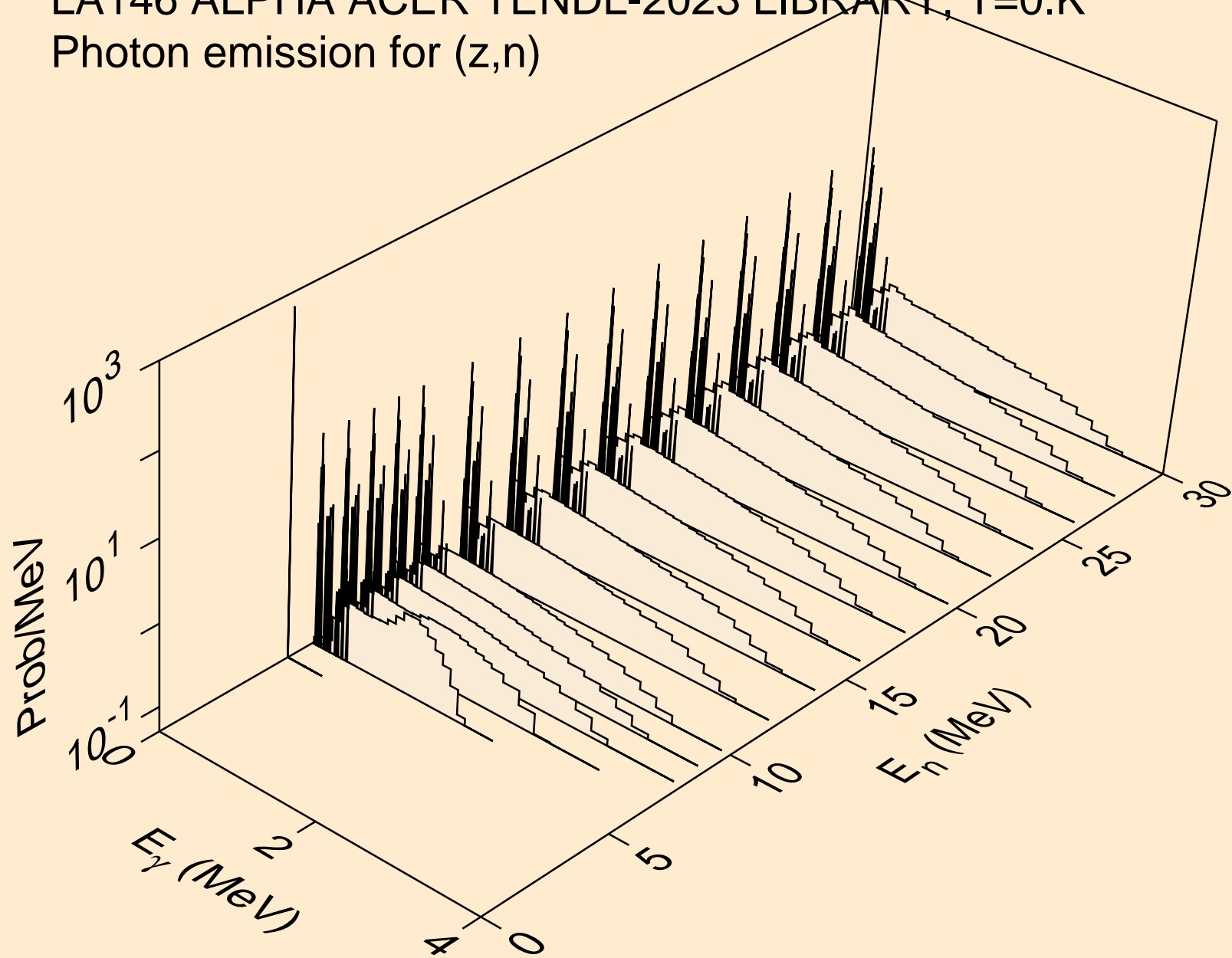
Alpha emission for (a,3n)a



LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

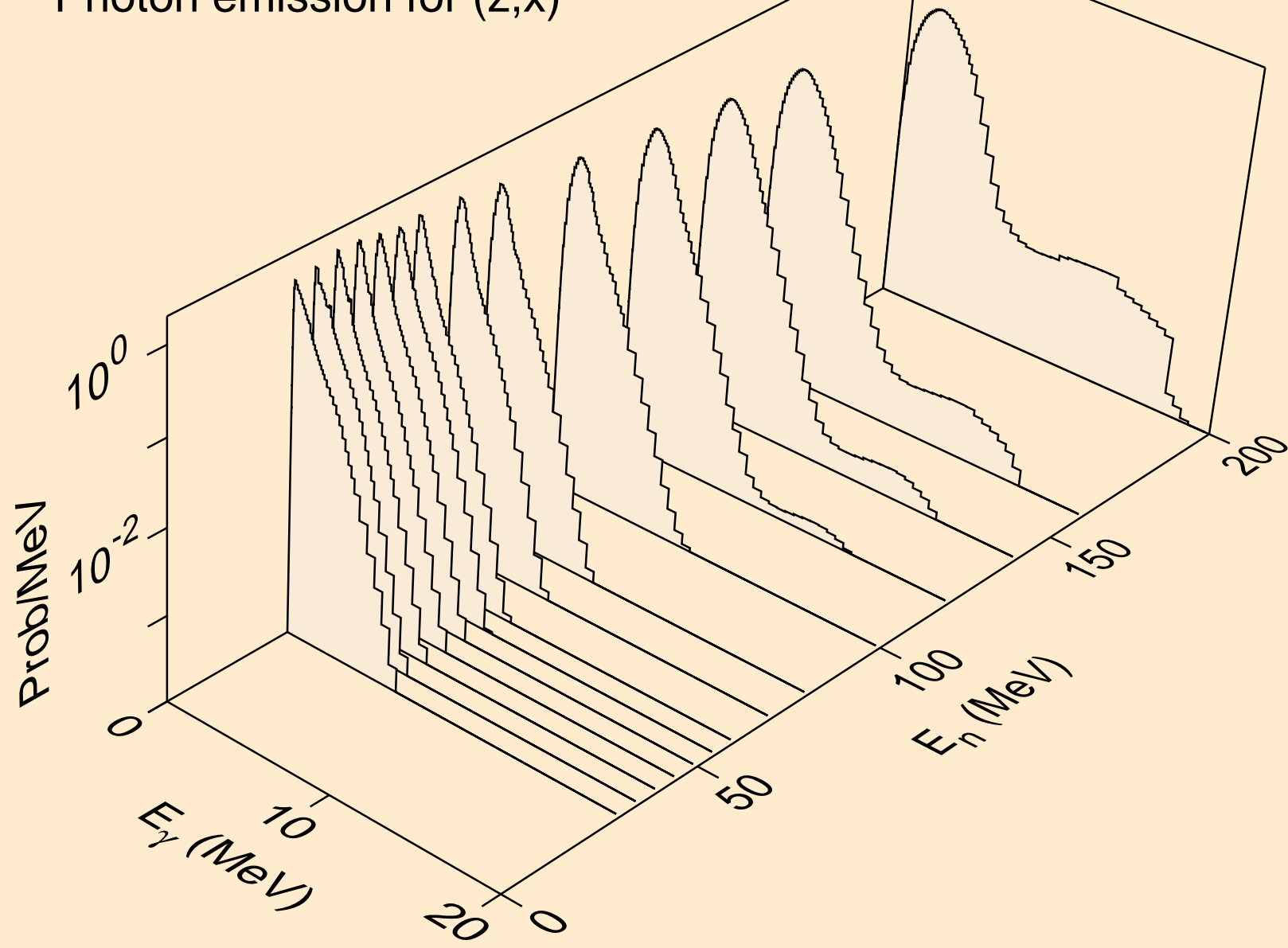


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

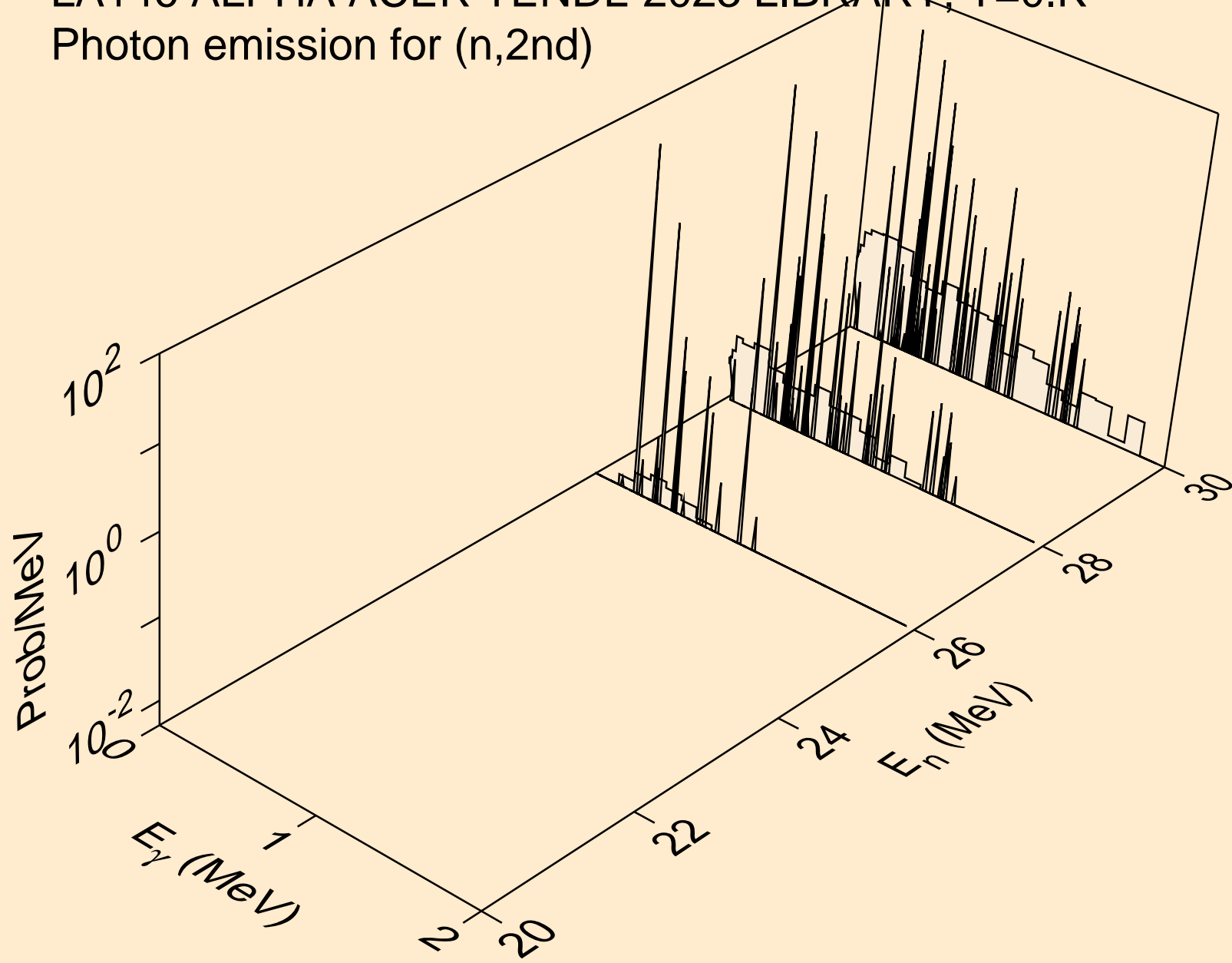


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

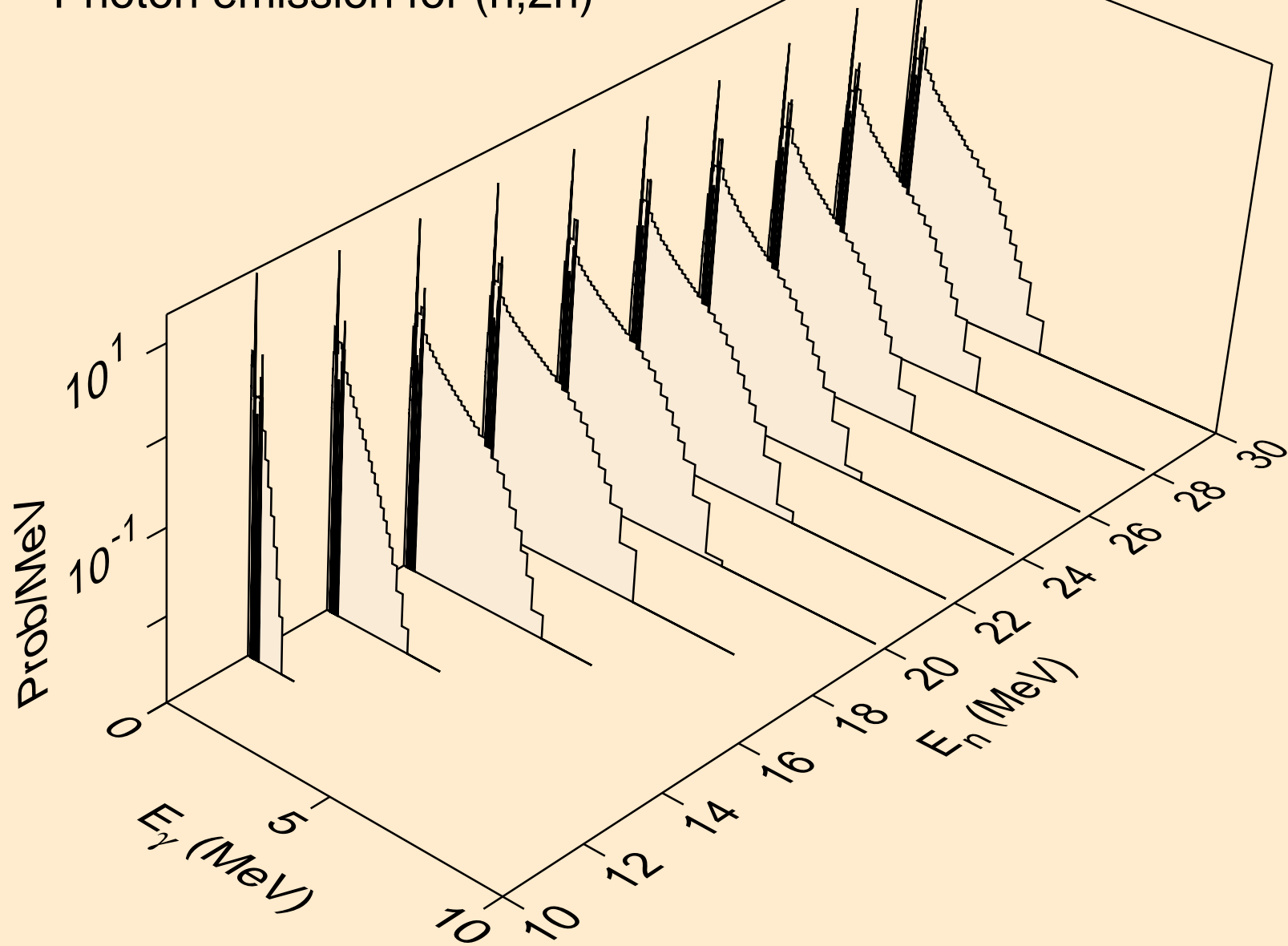
Photon emission for (z,x)



LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

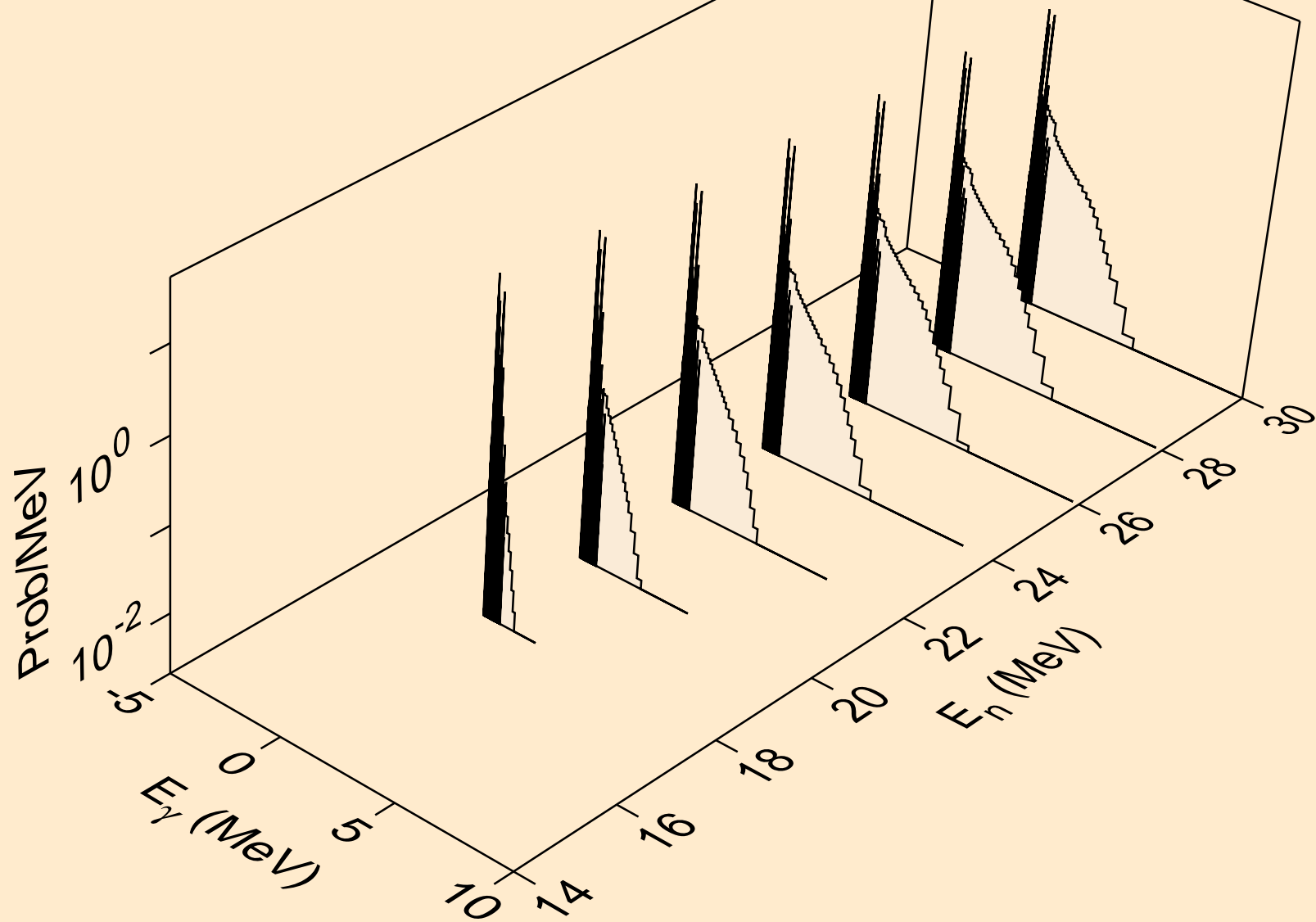


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

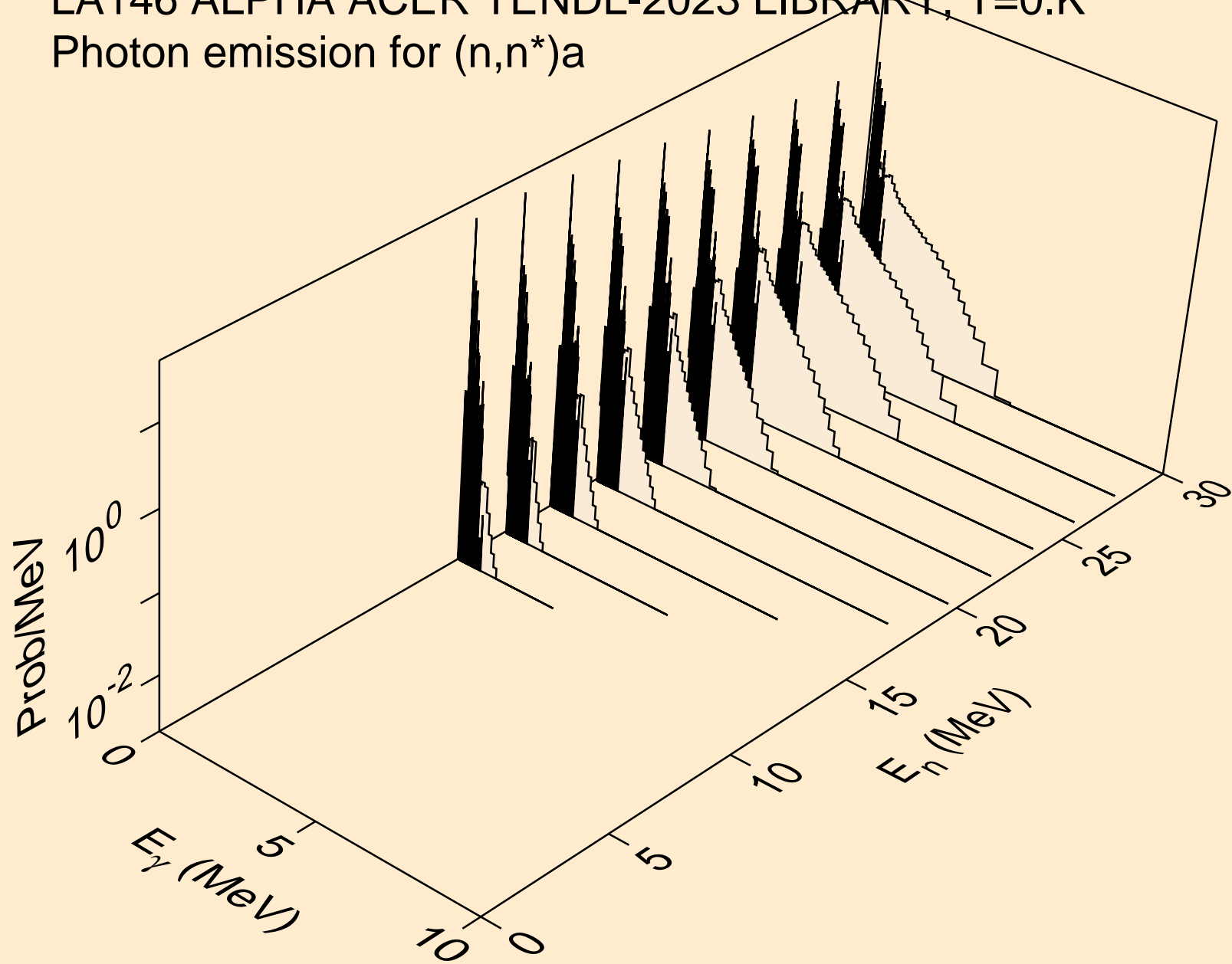




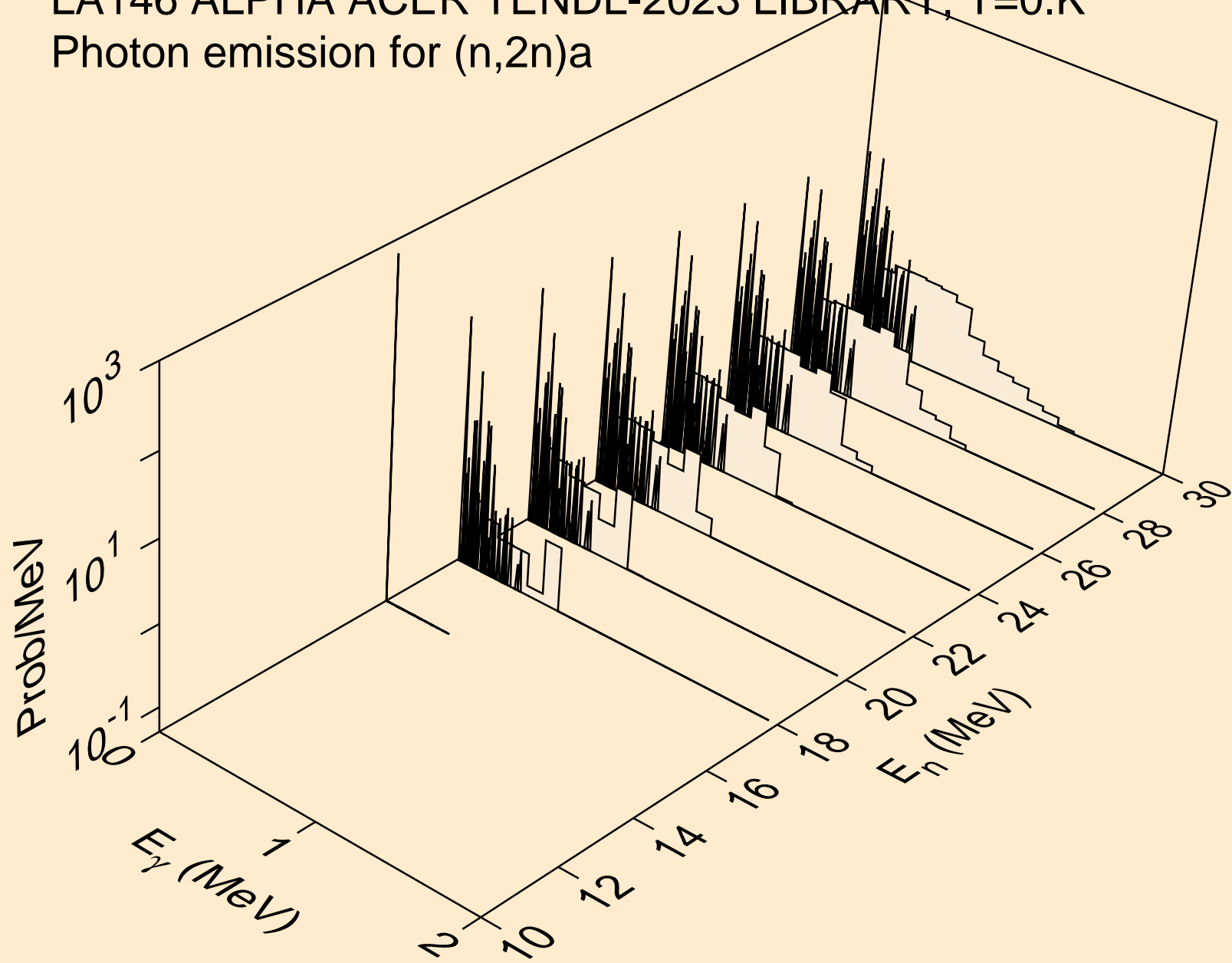
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



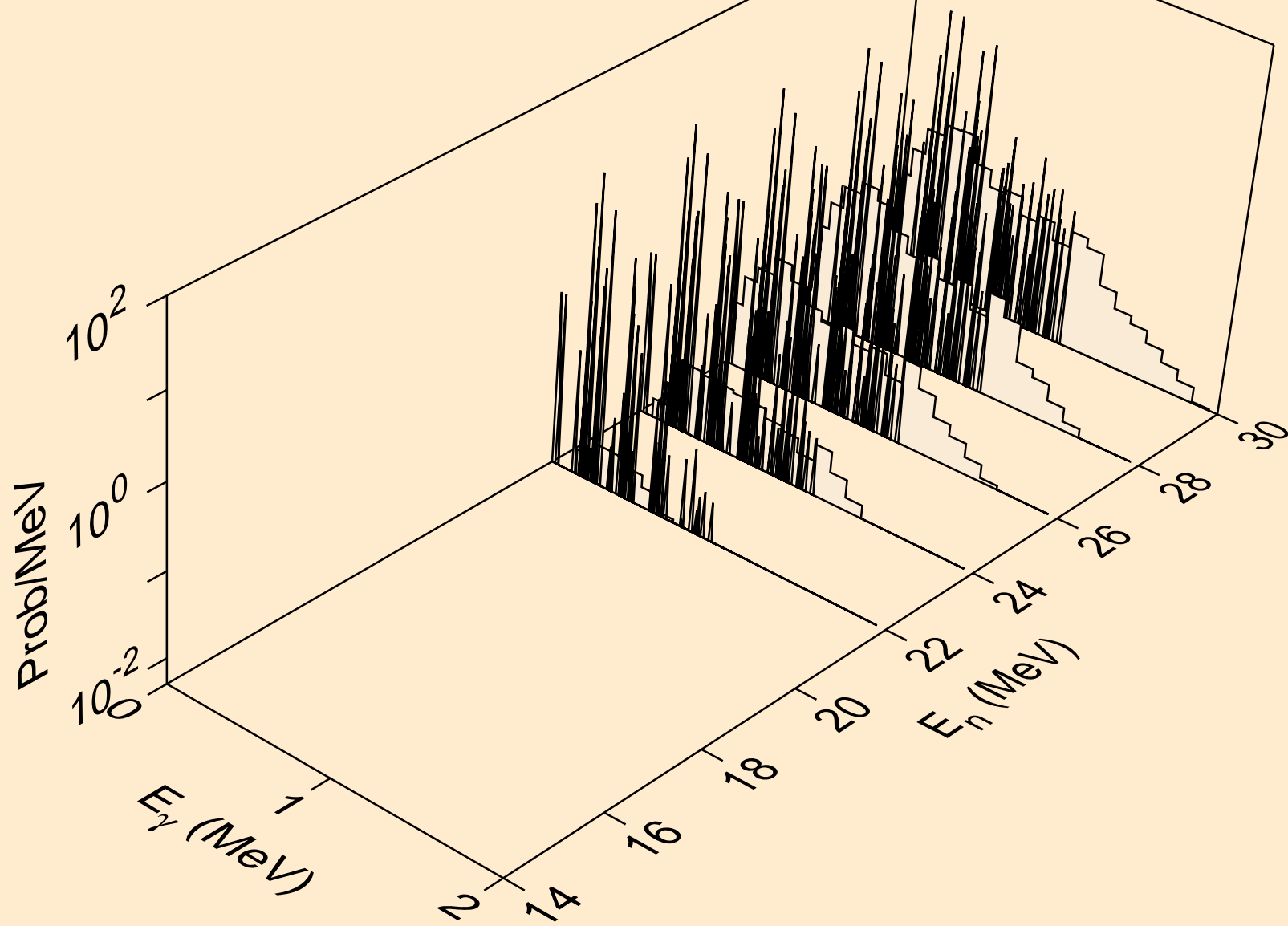
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



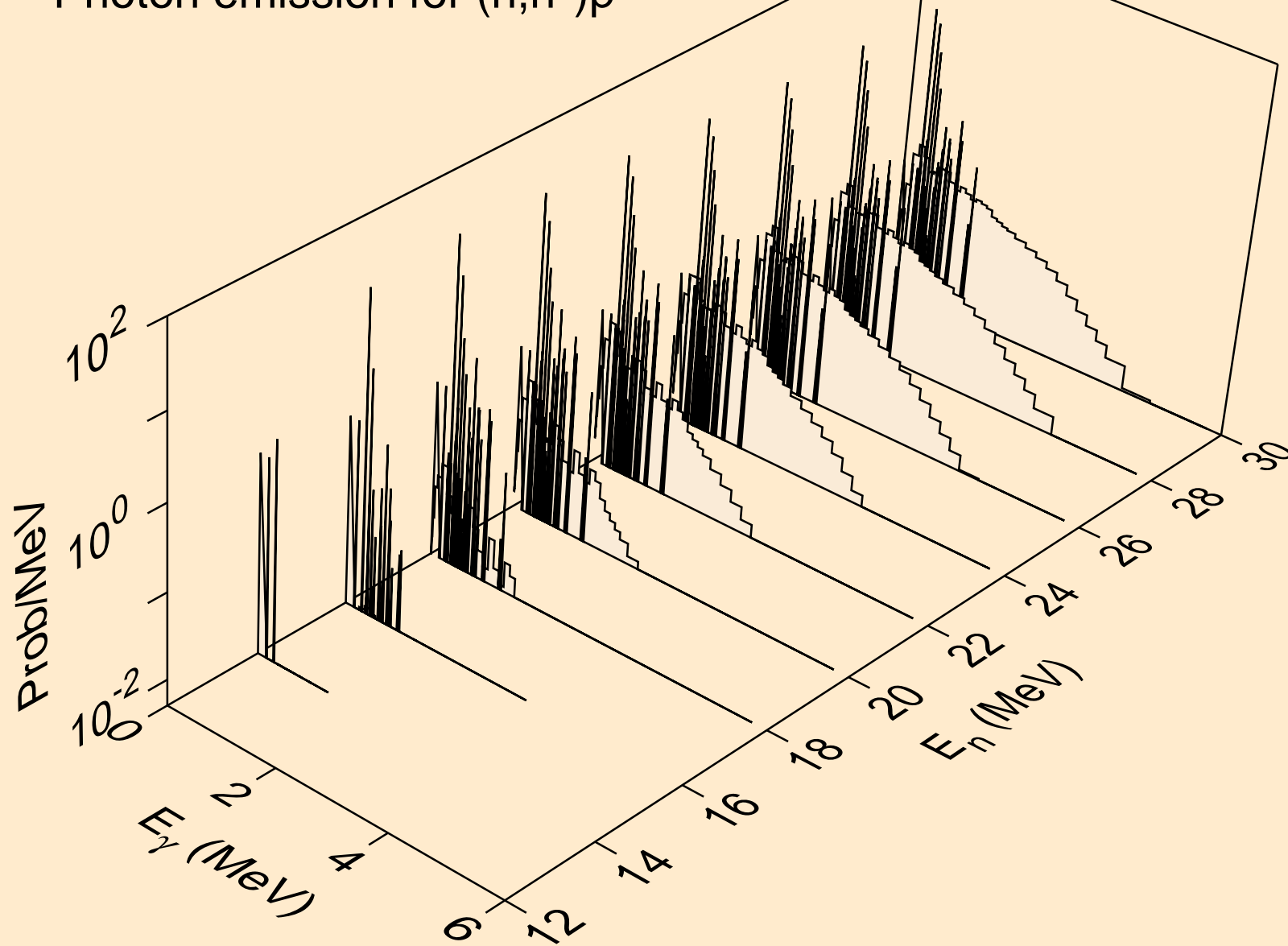
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



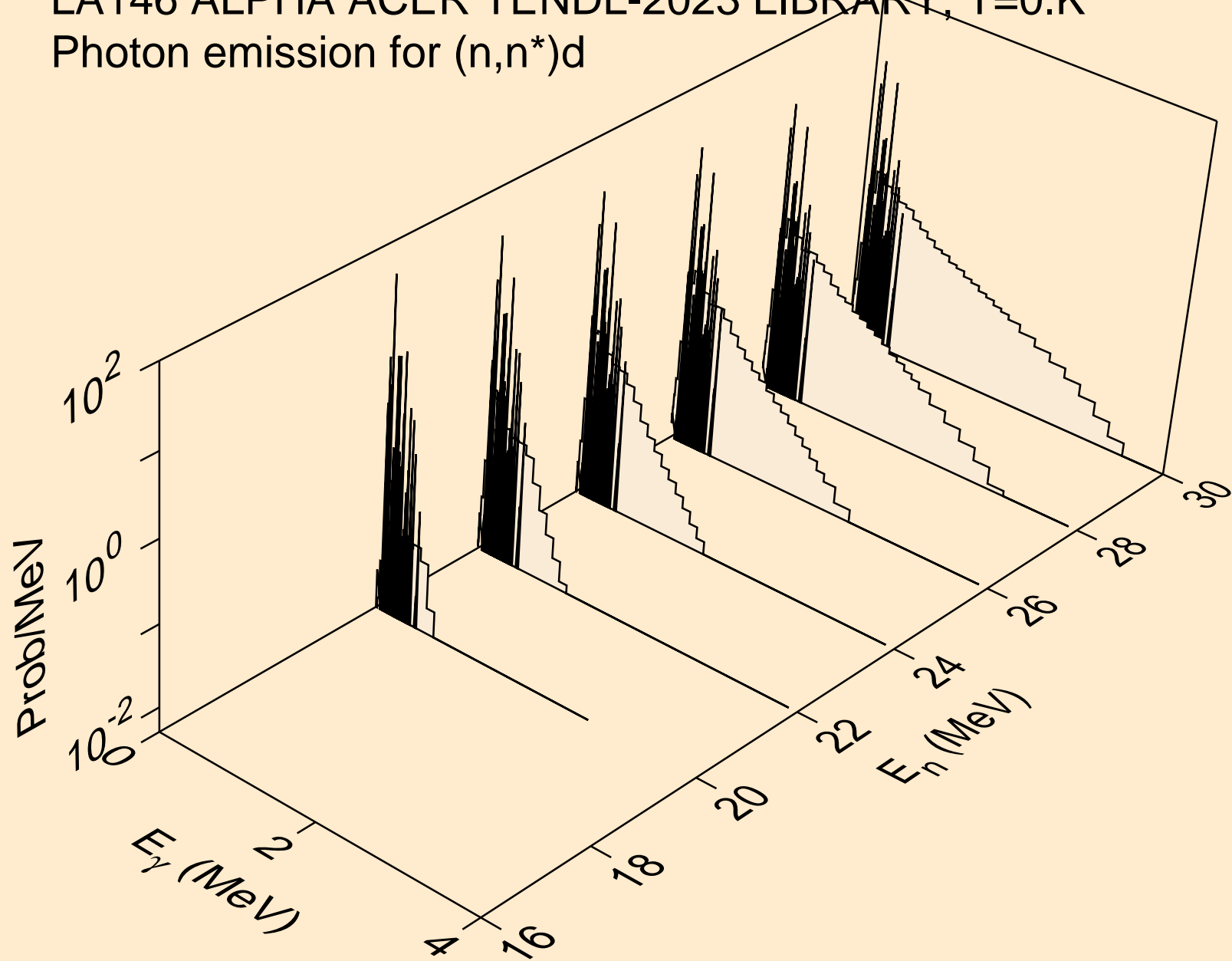
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



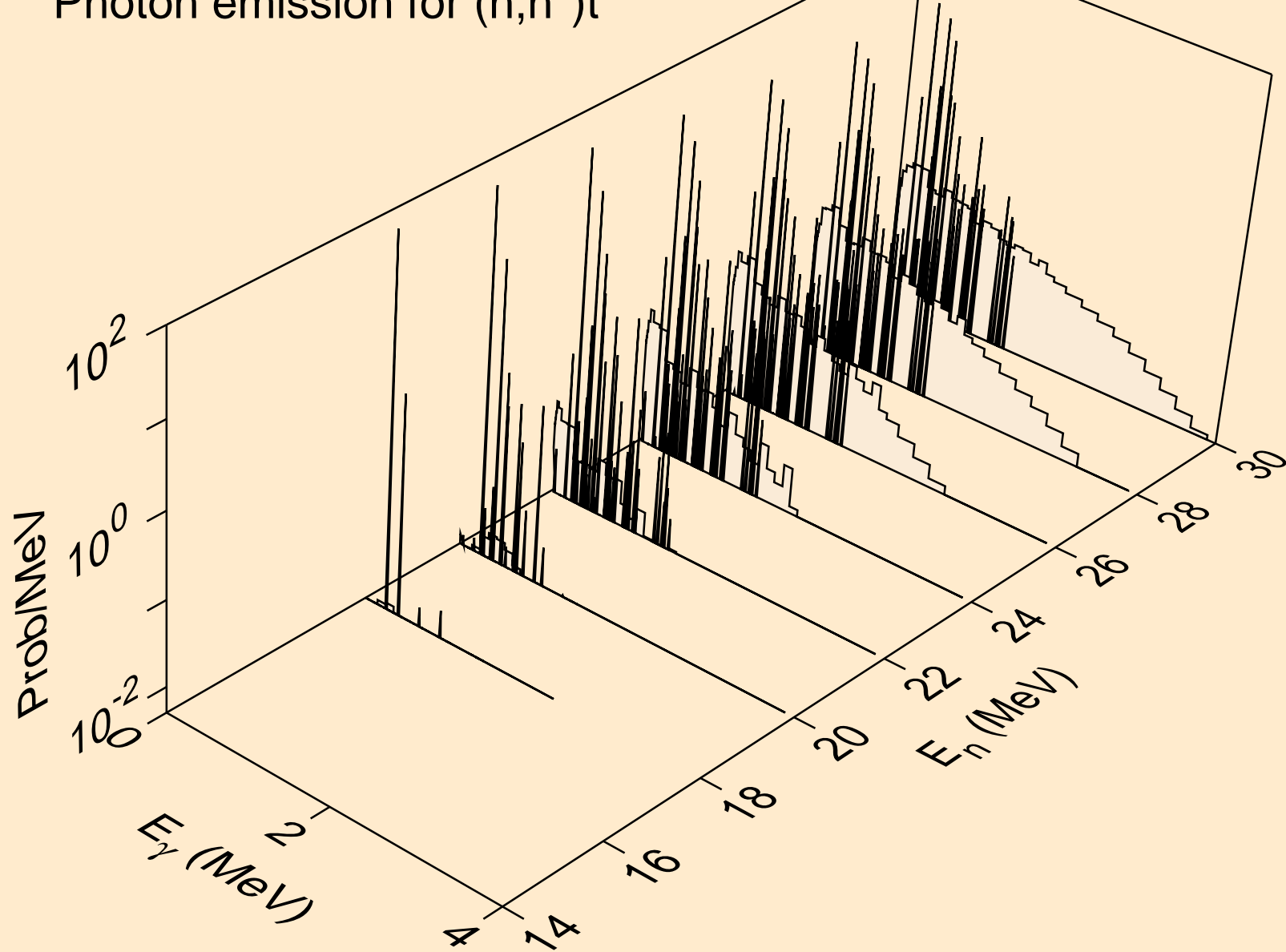
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



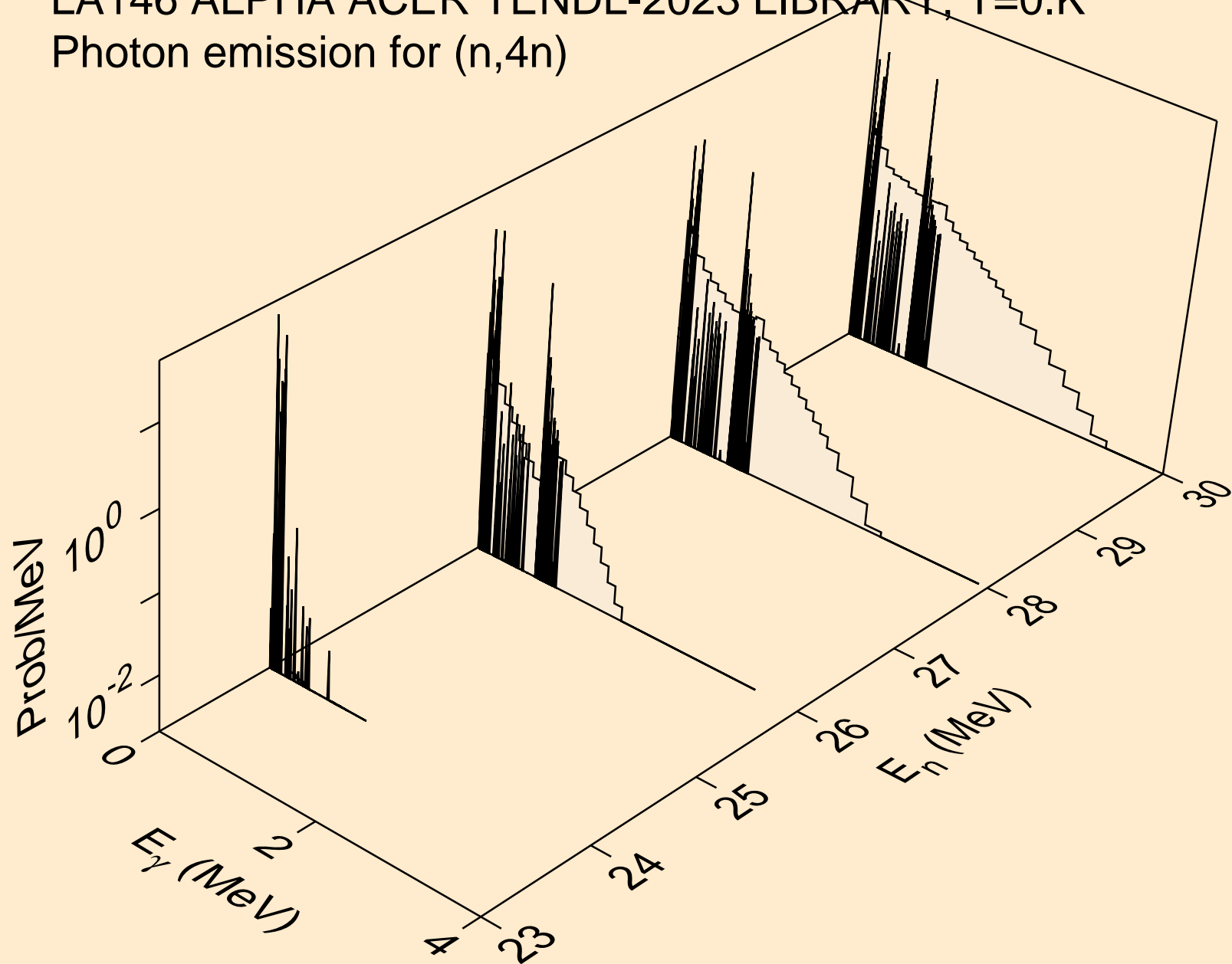
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

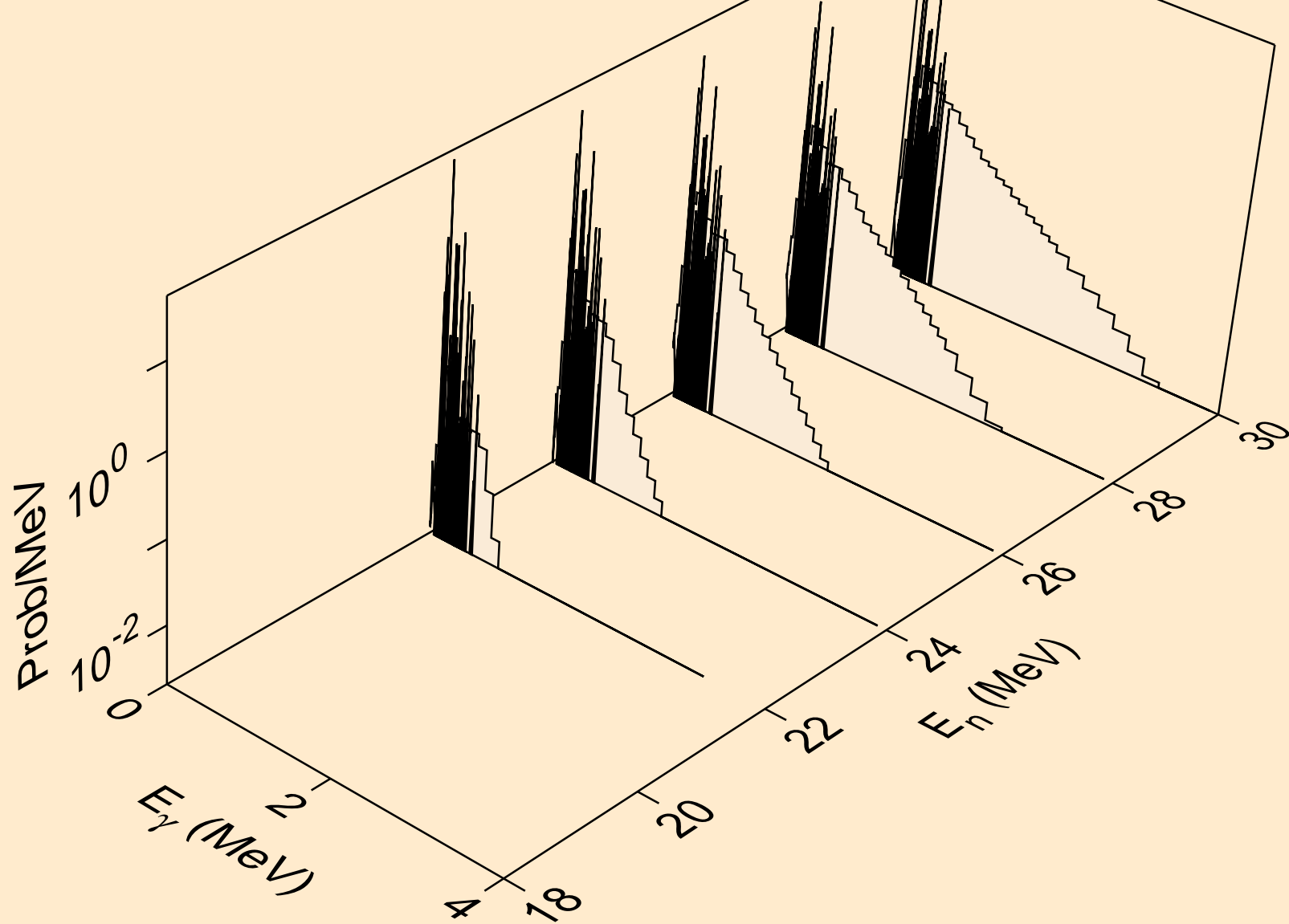


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

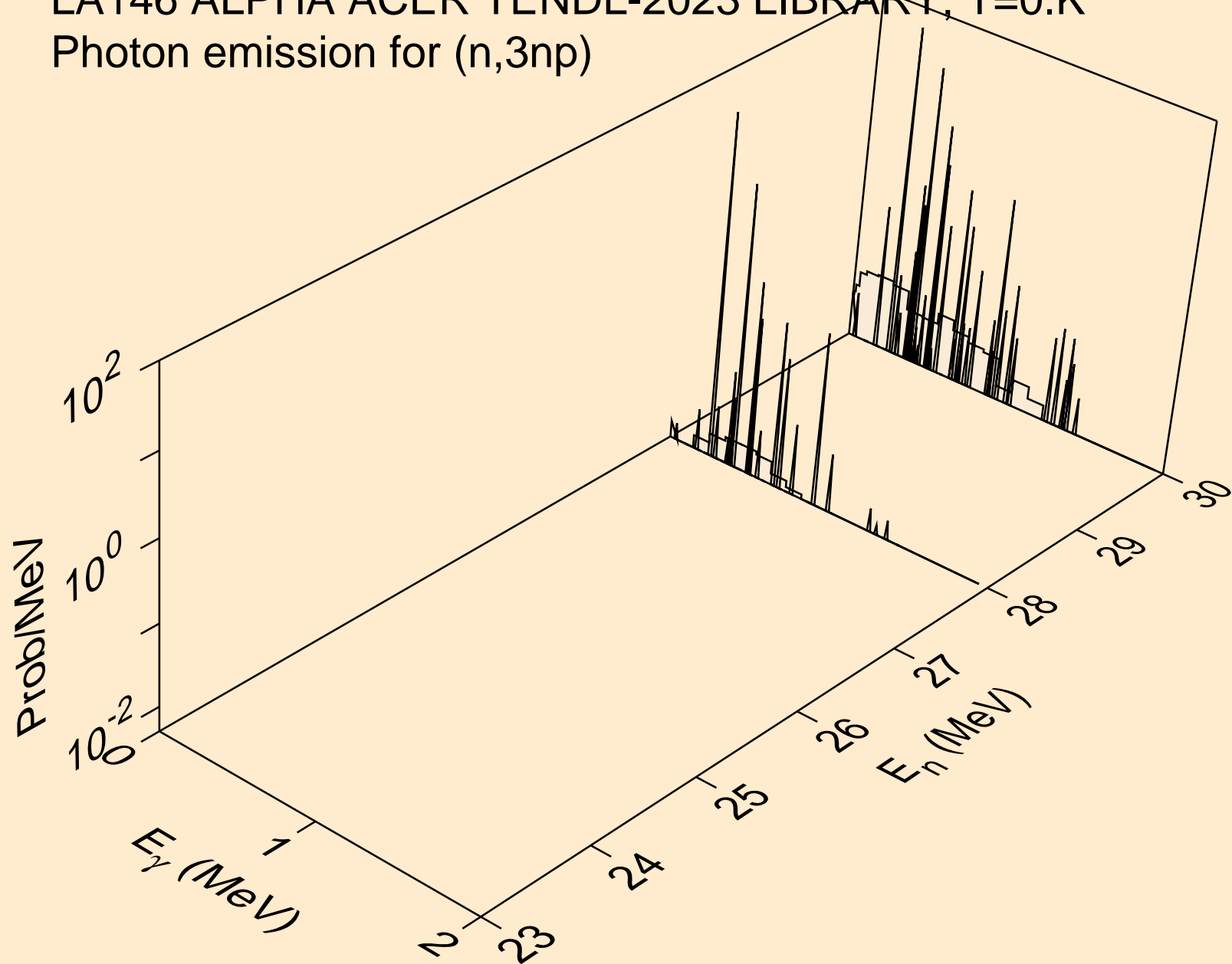




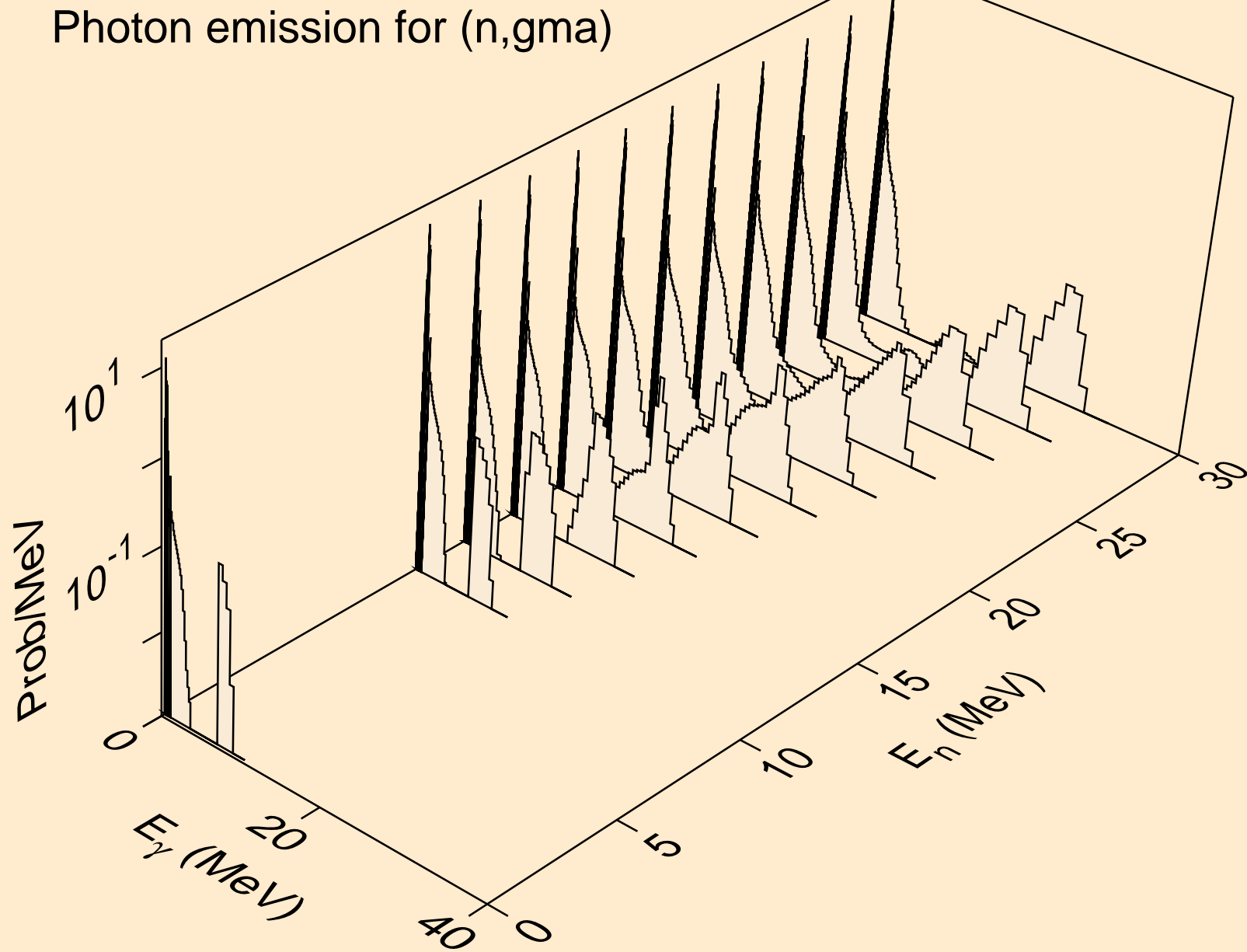
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



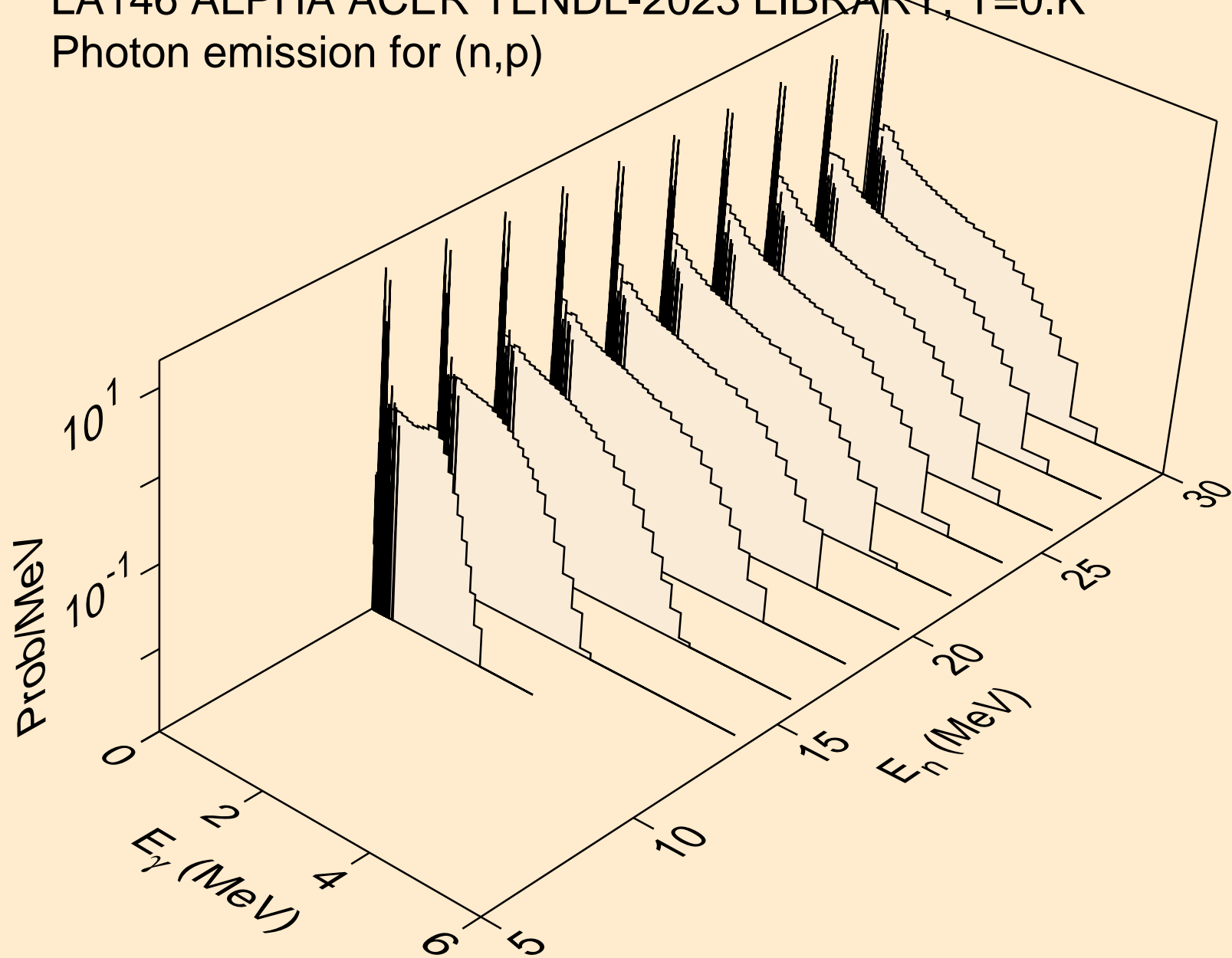
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



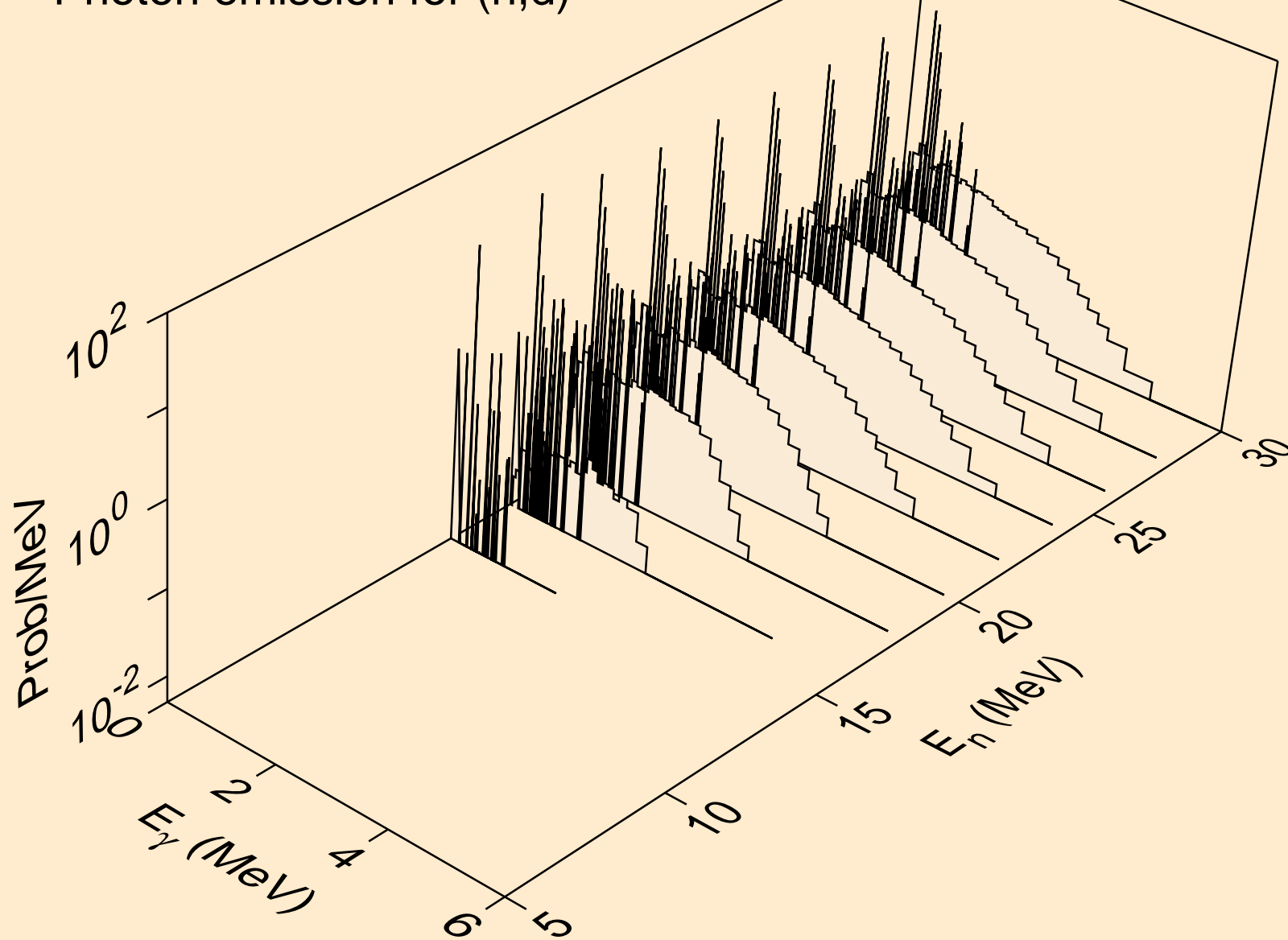
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



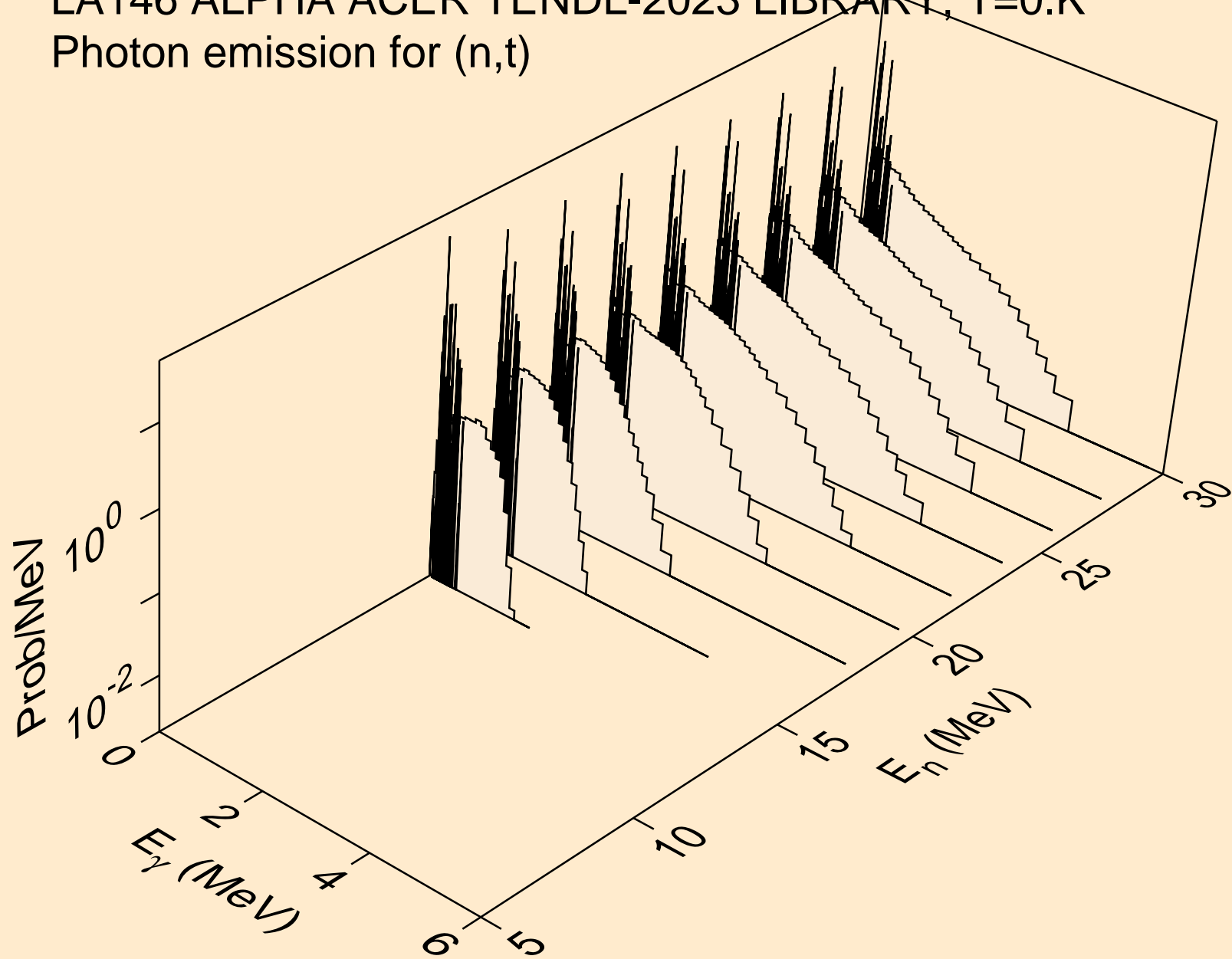
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



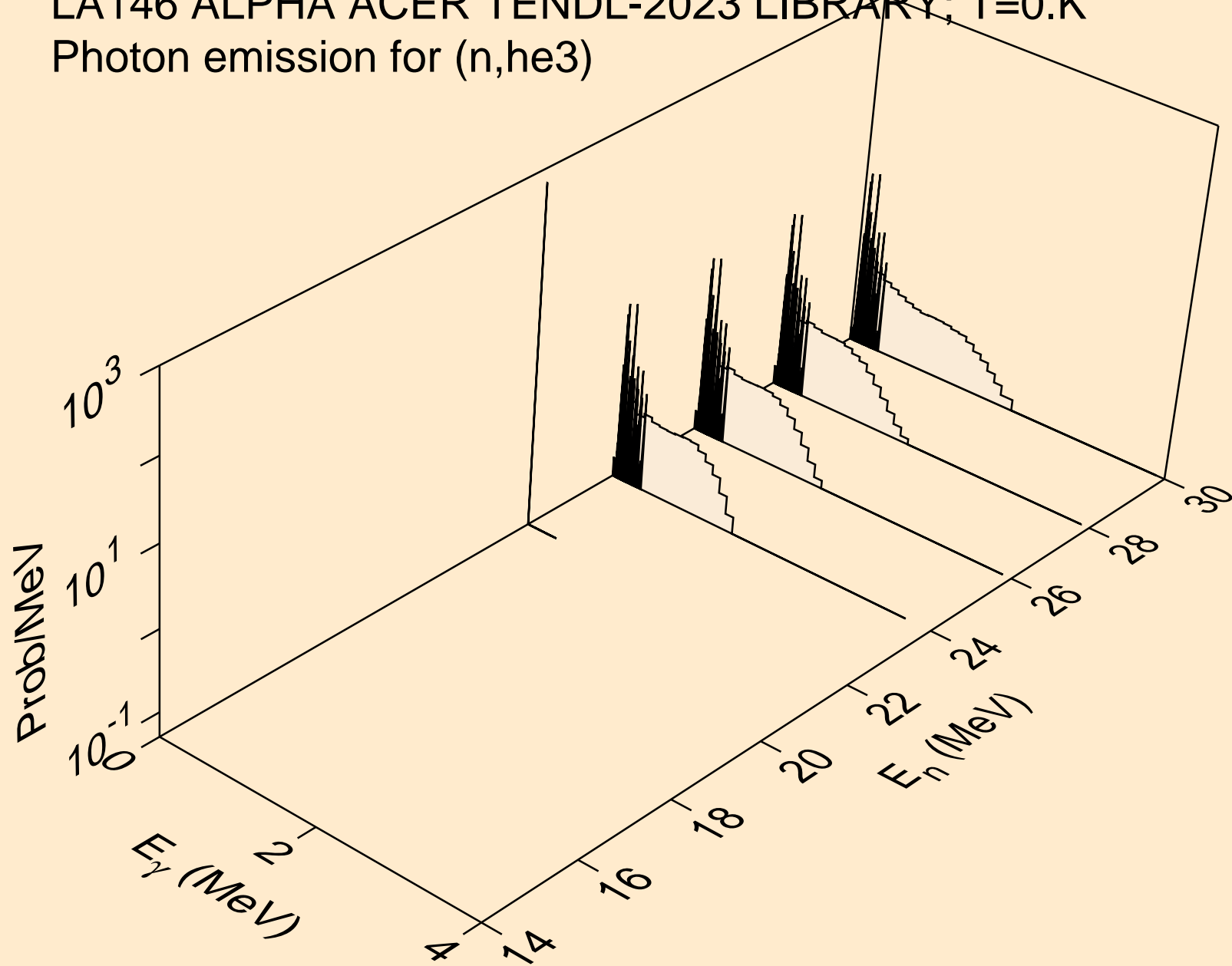
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



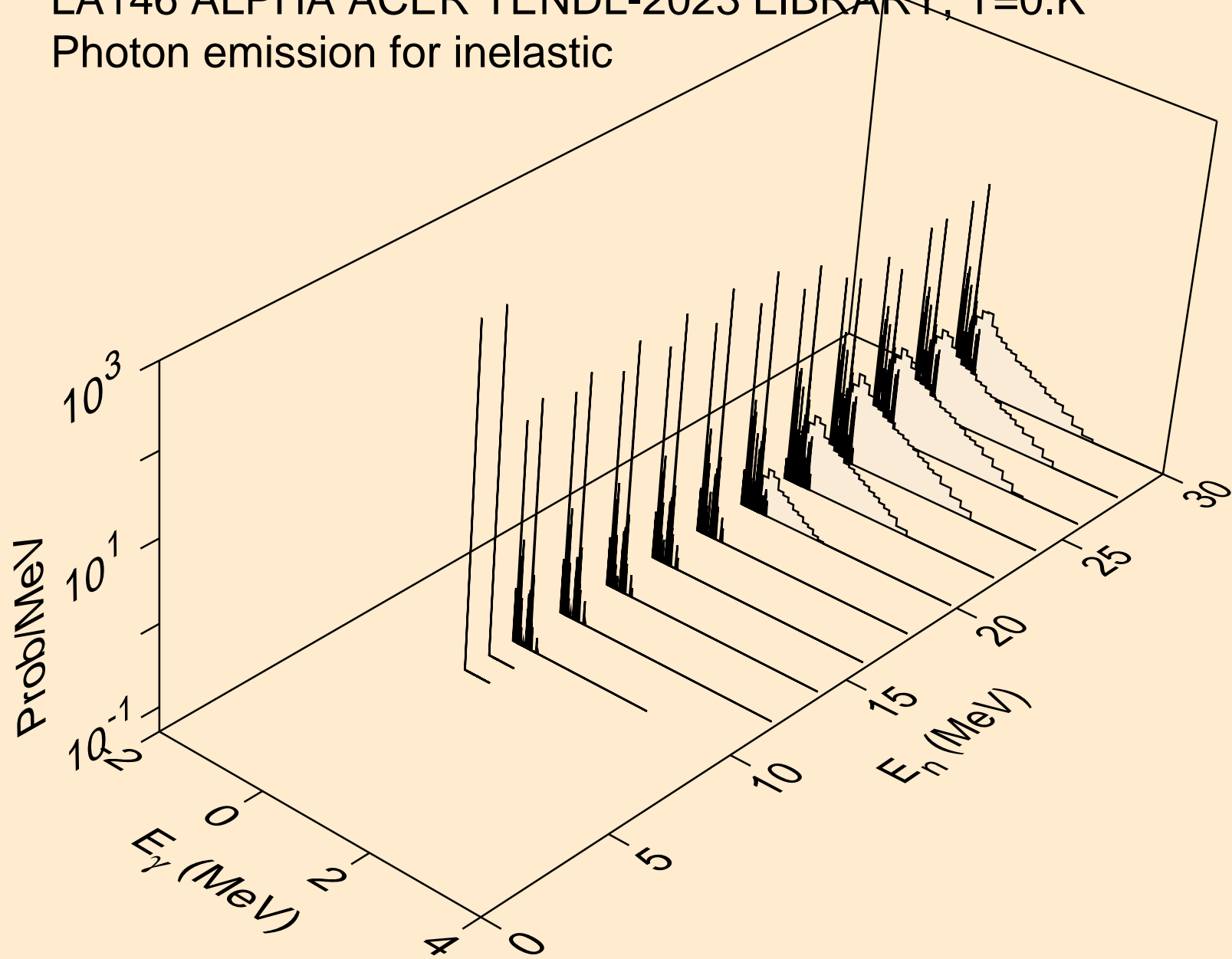
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



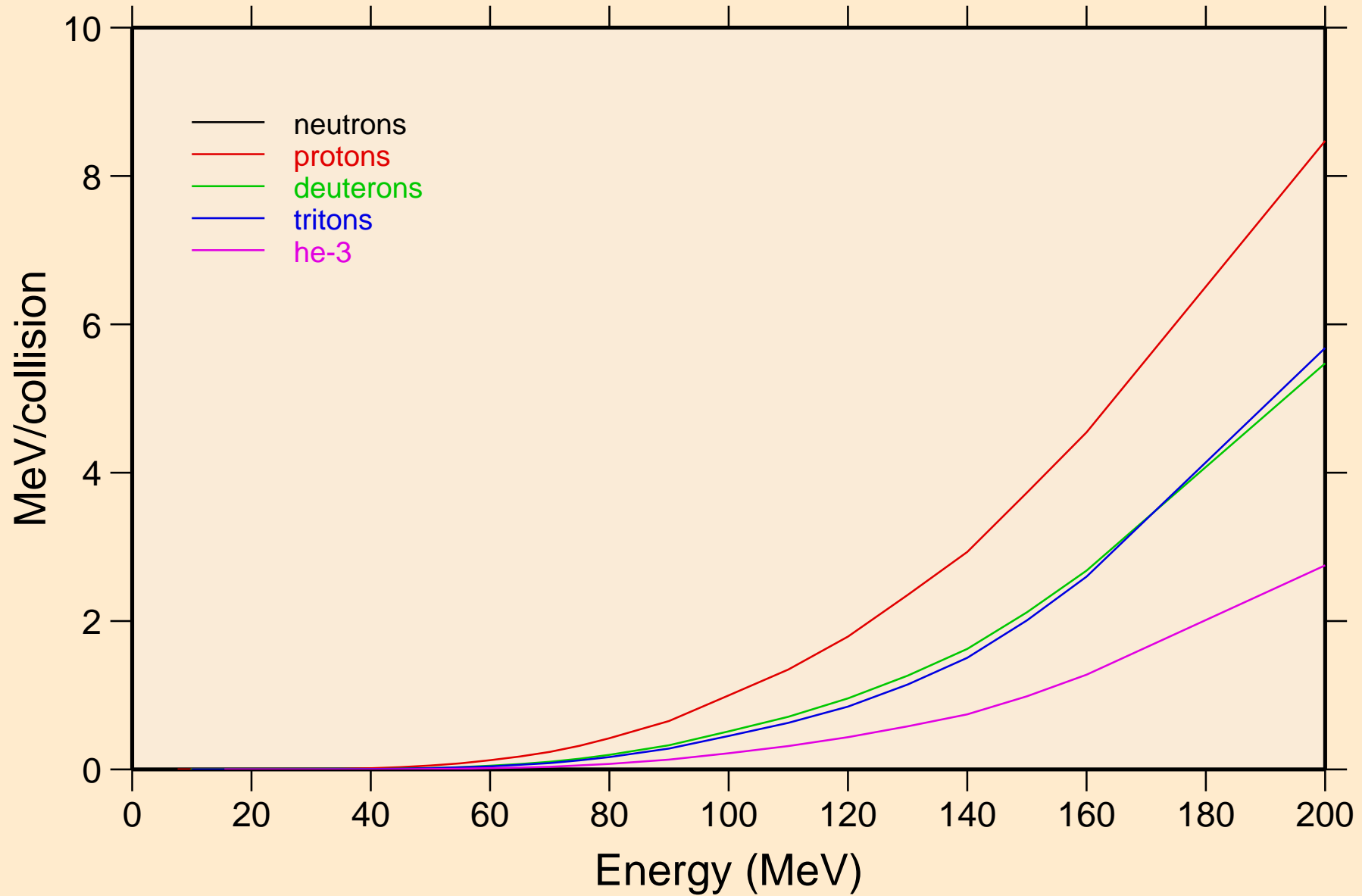
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic





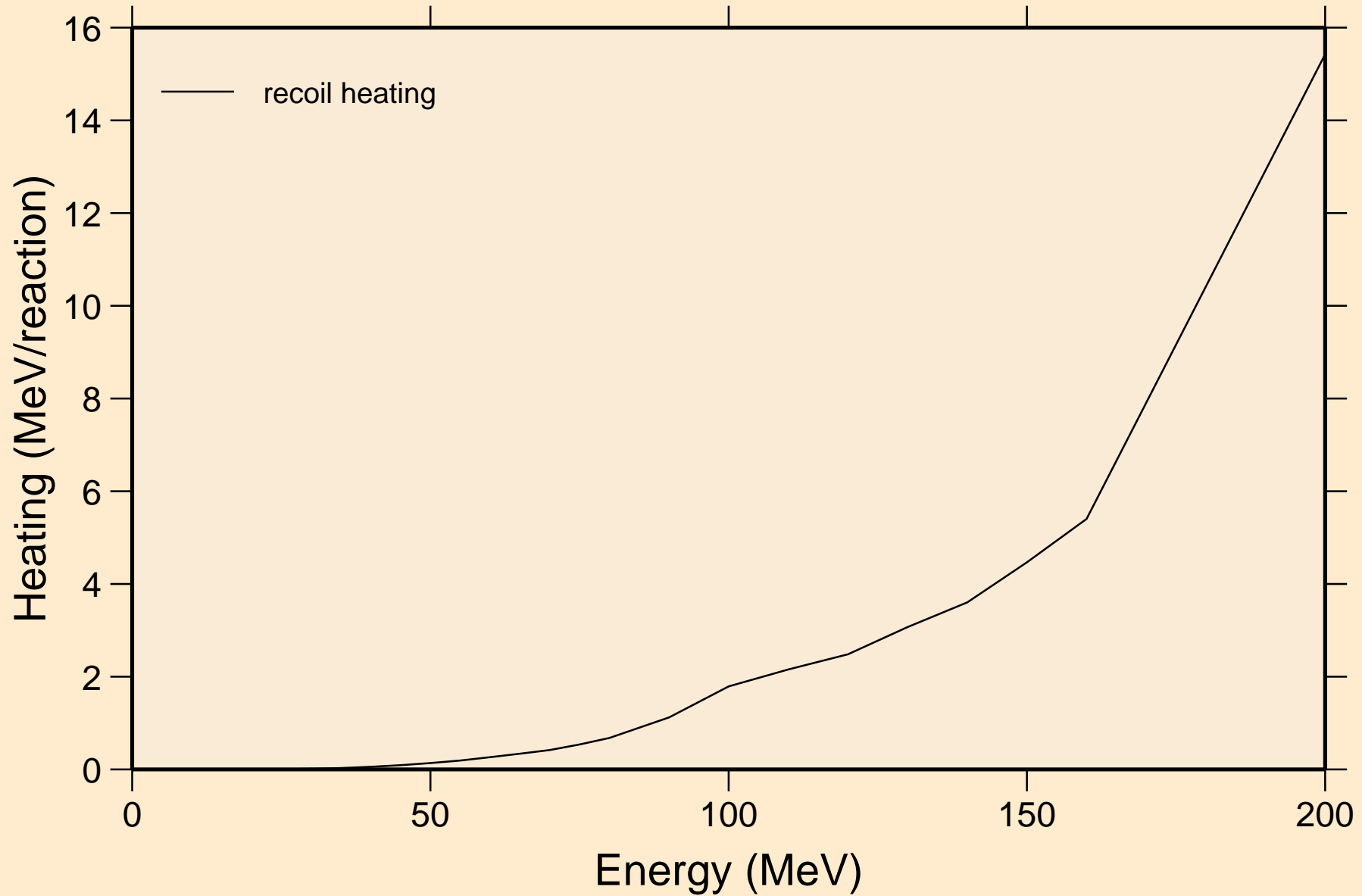
# LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



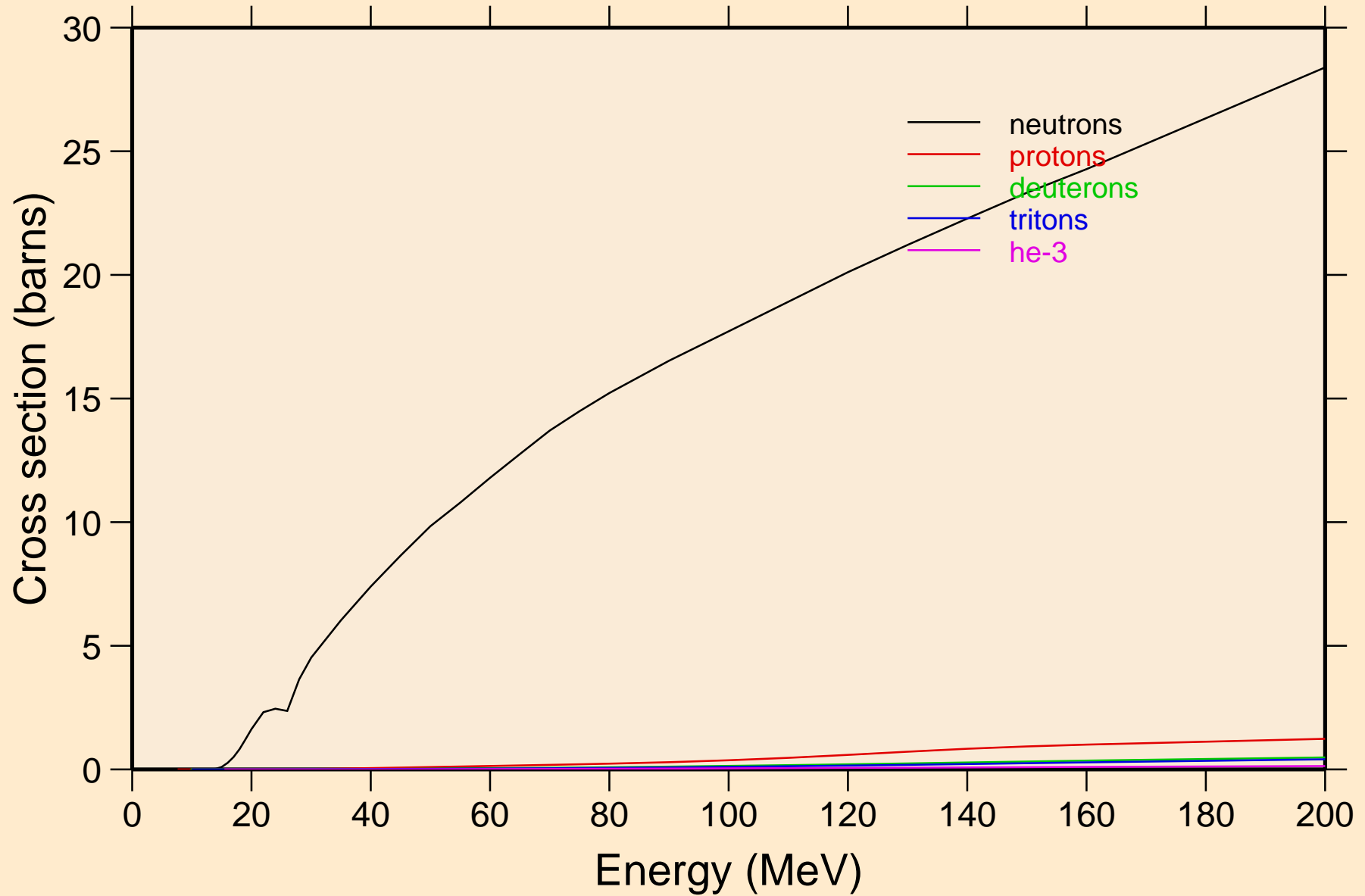
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

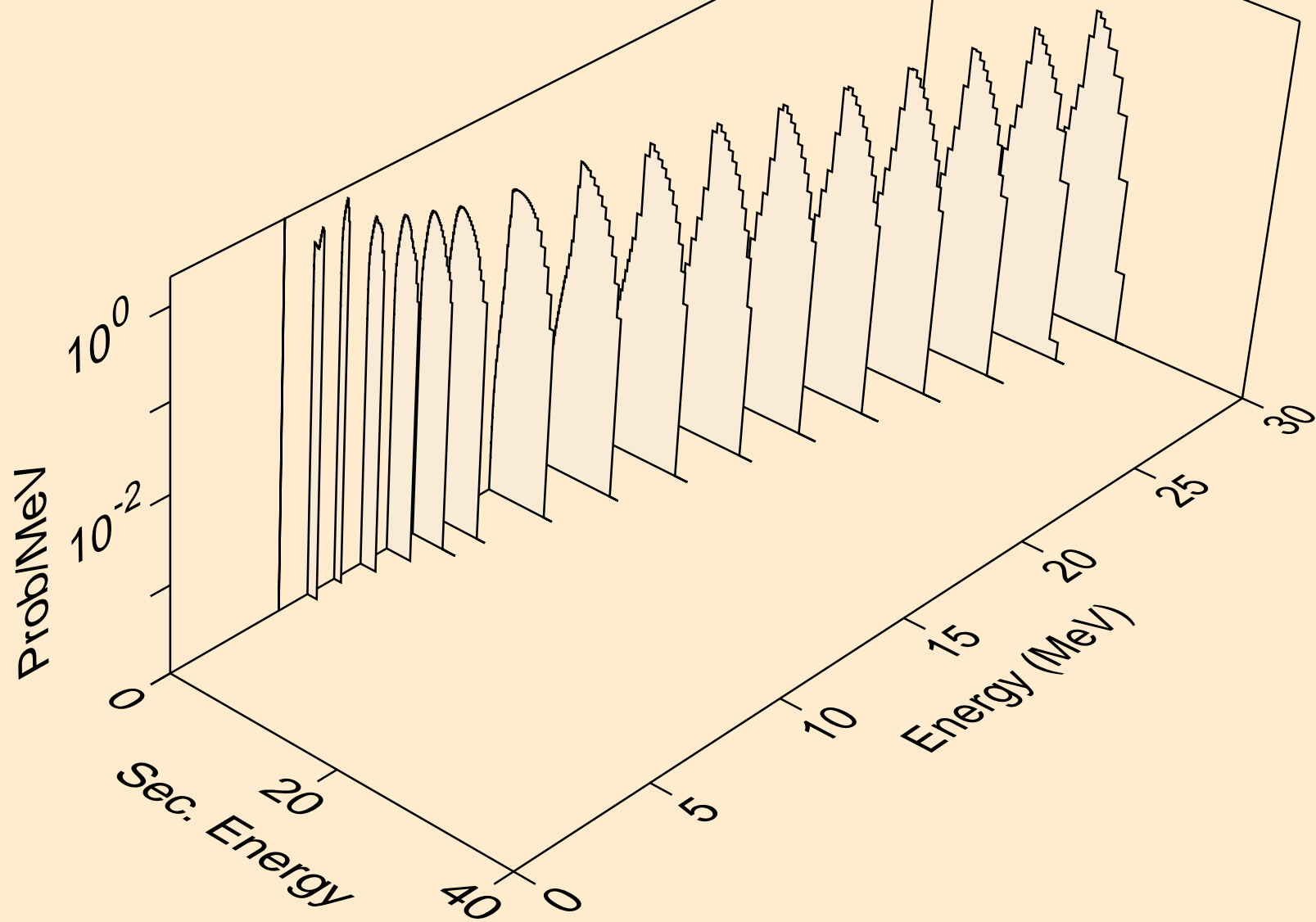


# LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

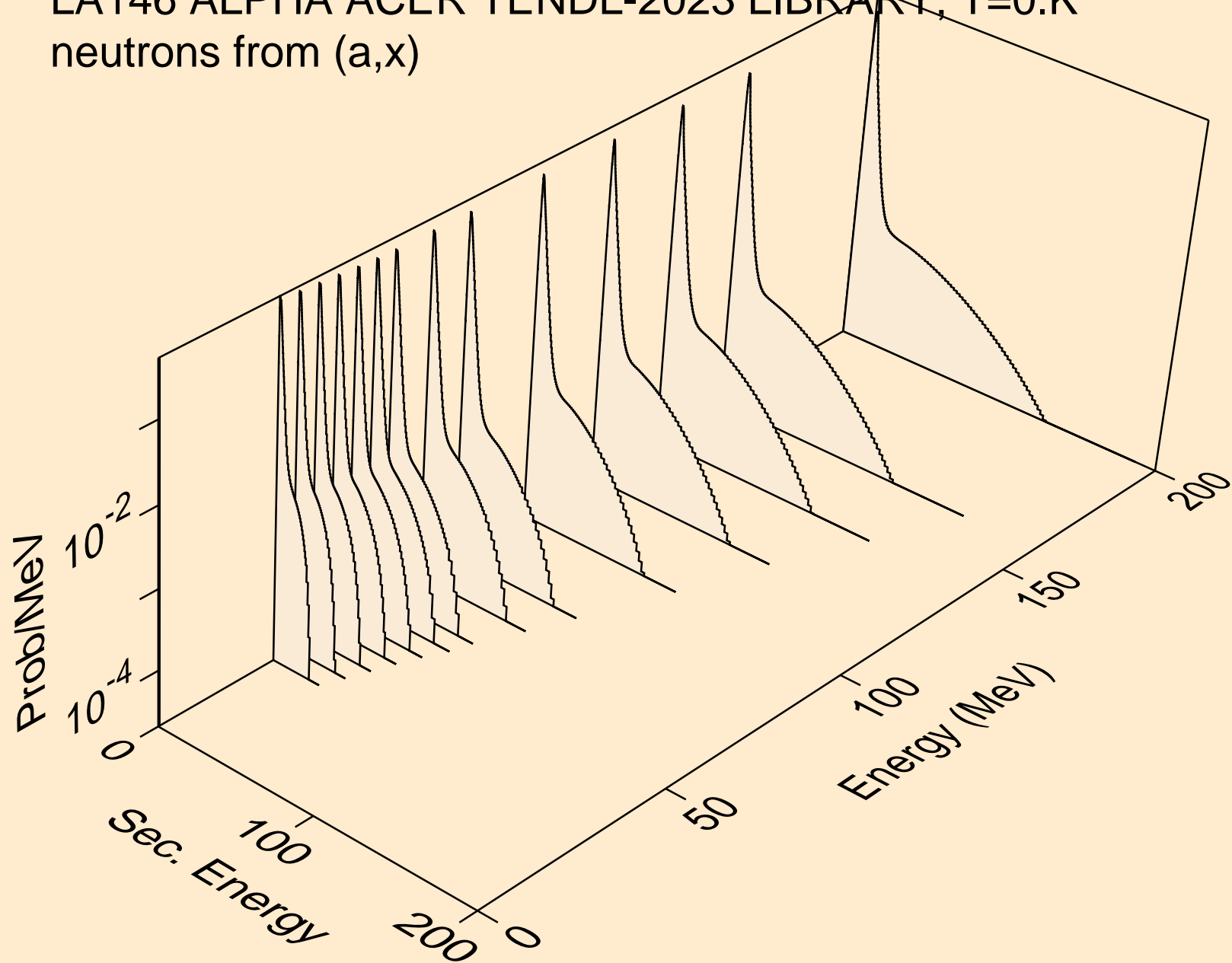
## Particle production cross sections



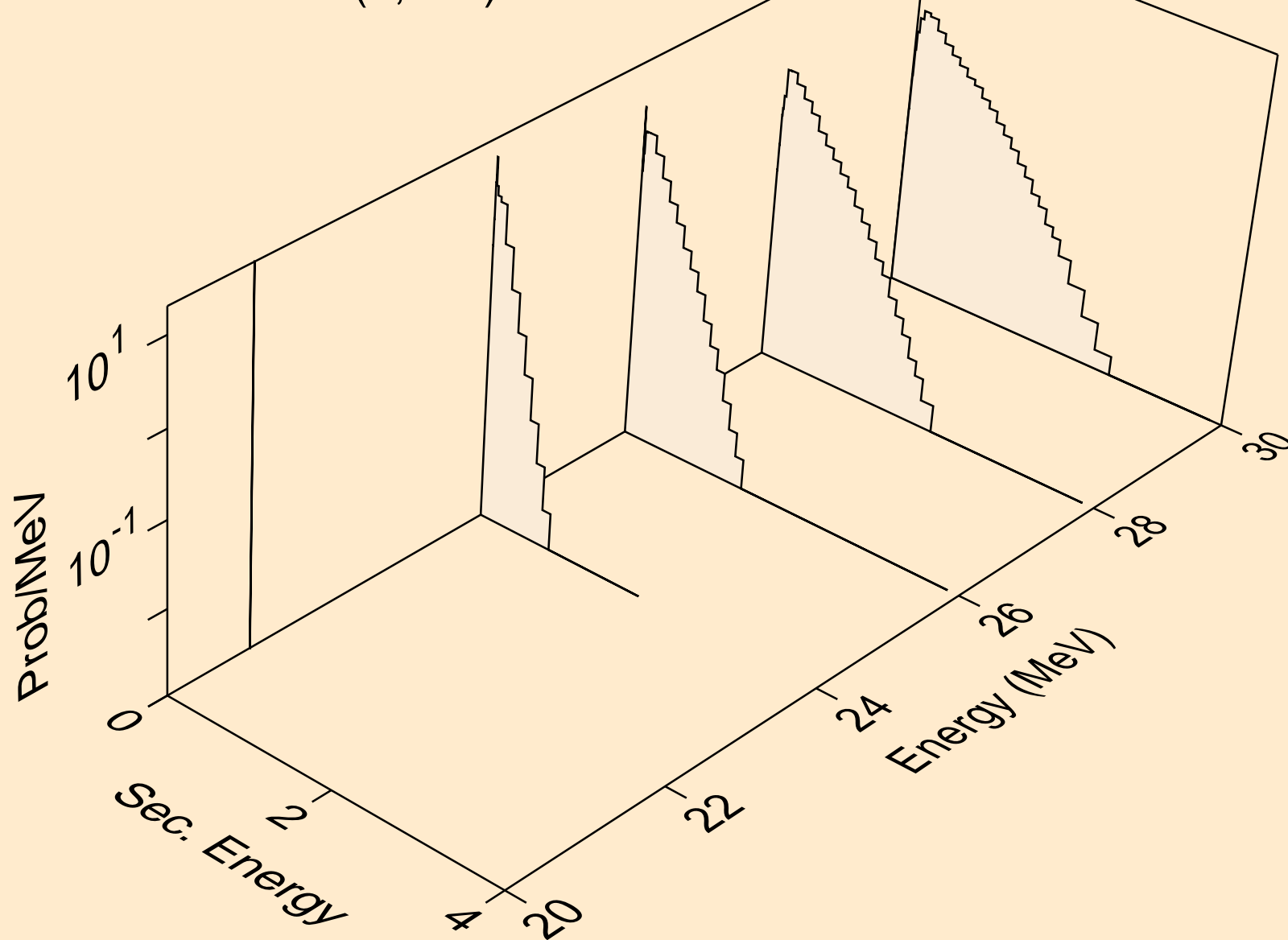
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



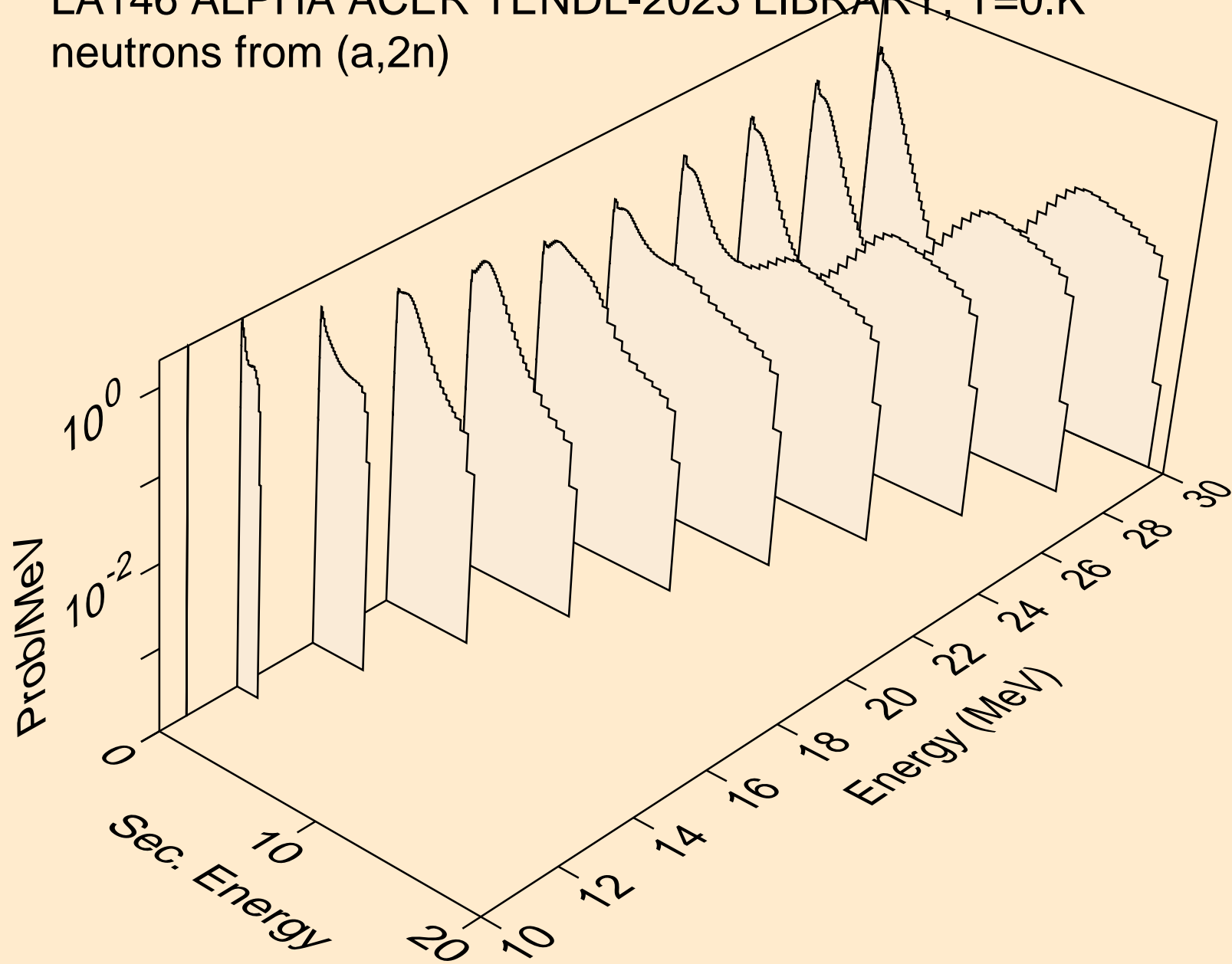
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



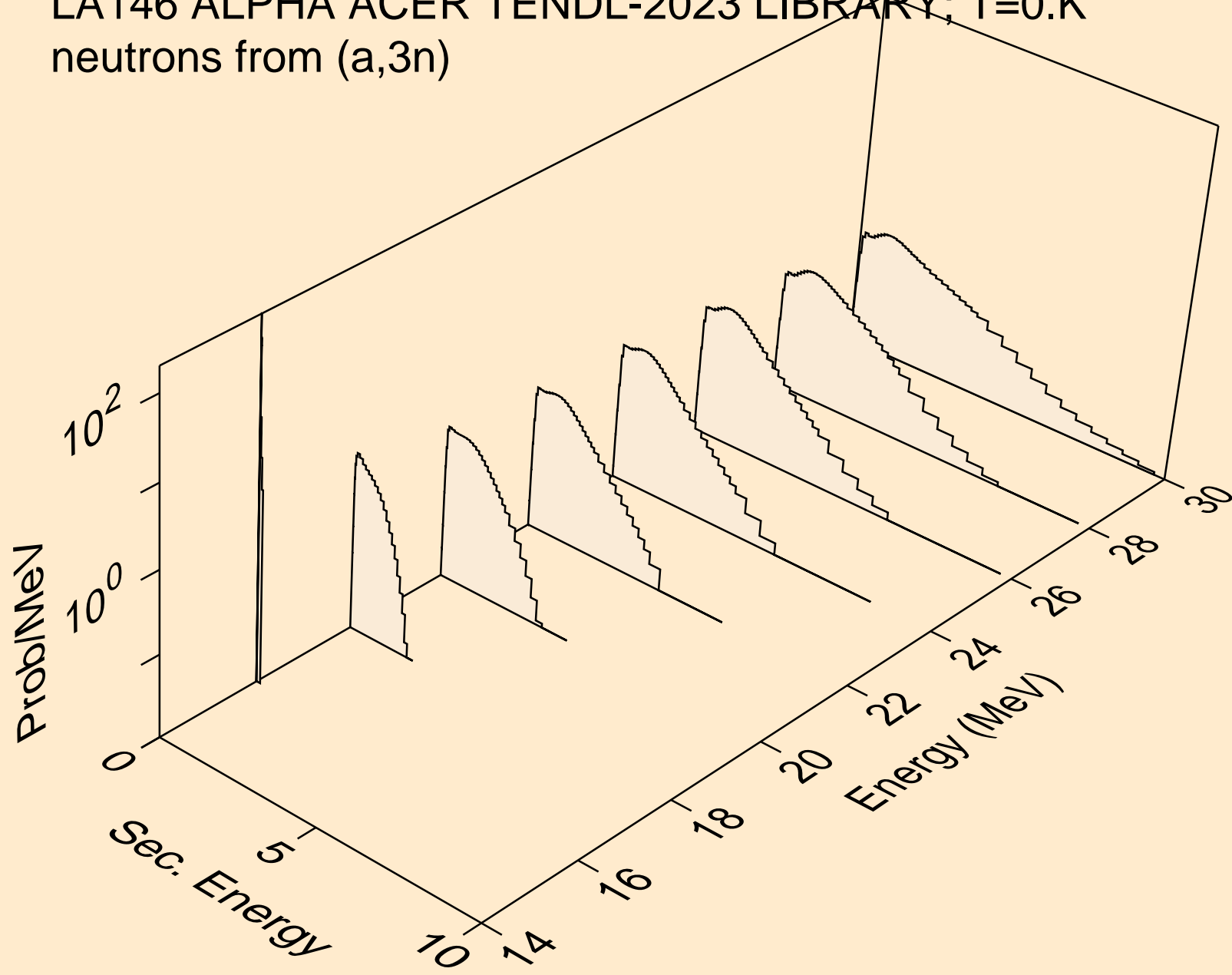
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

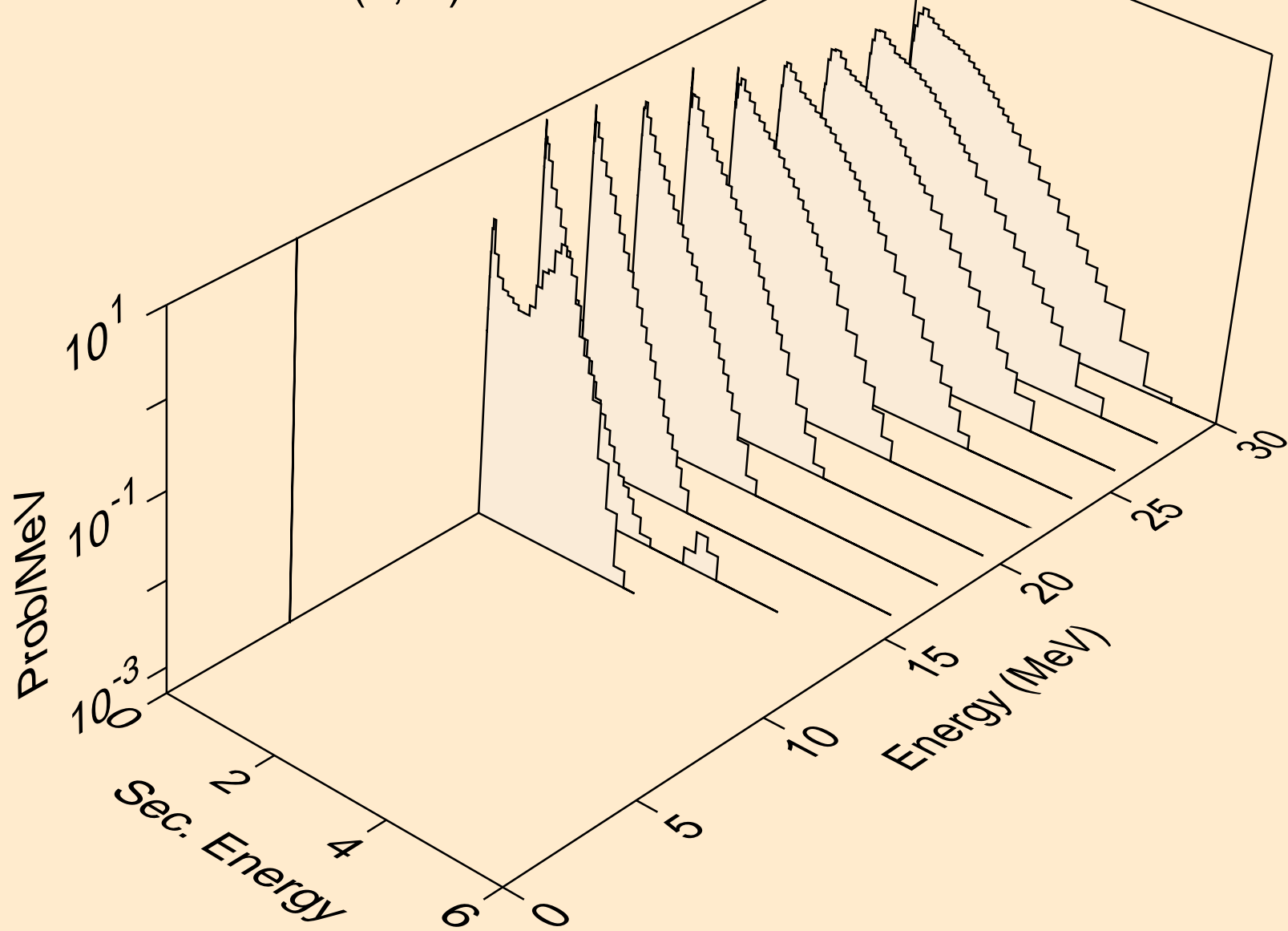


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)

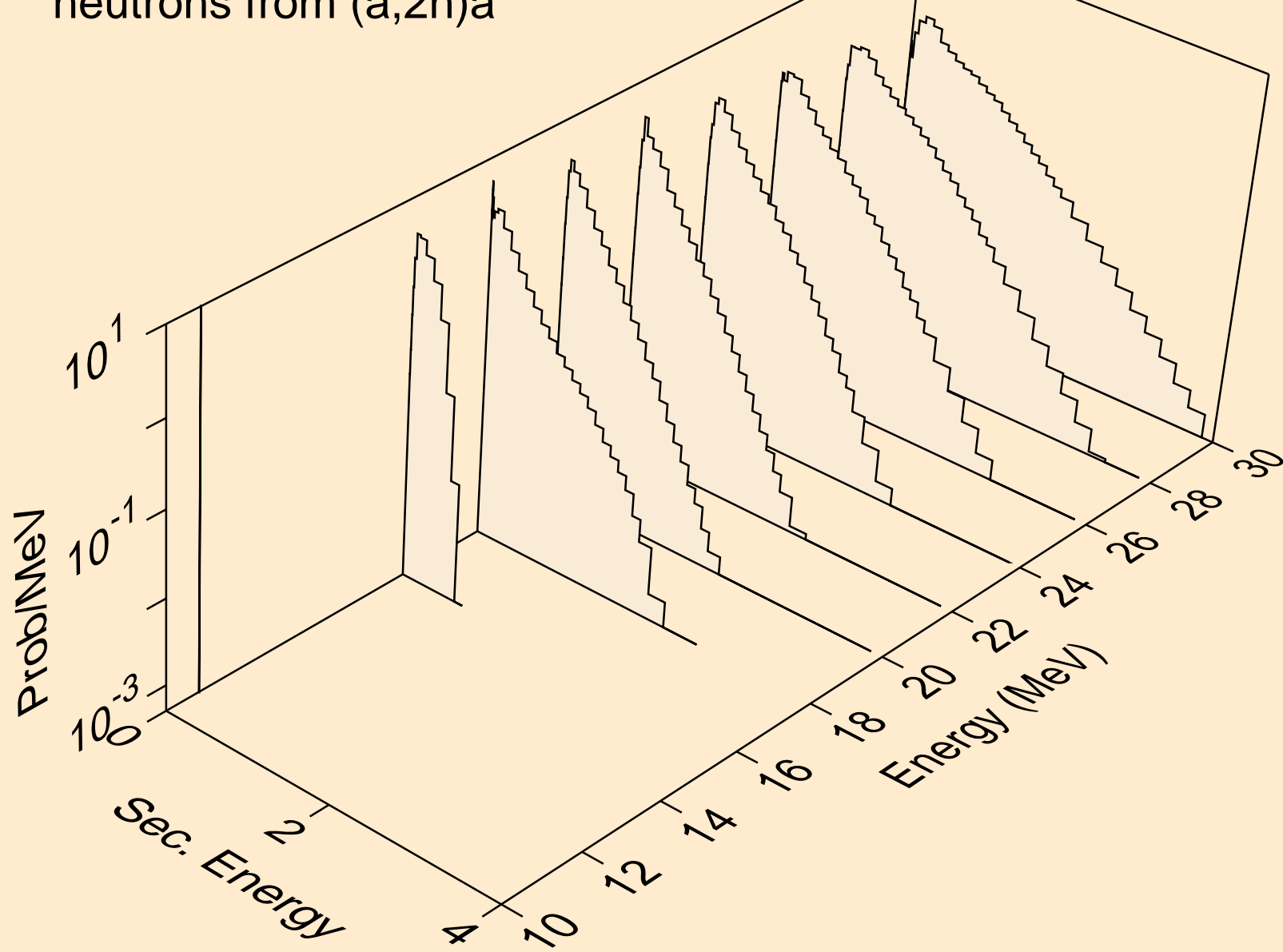




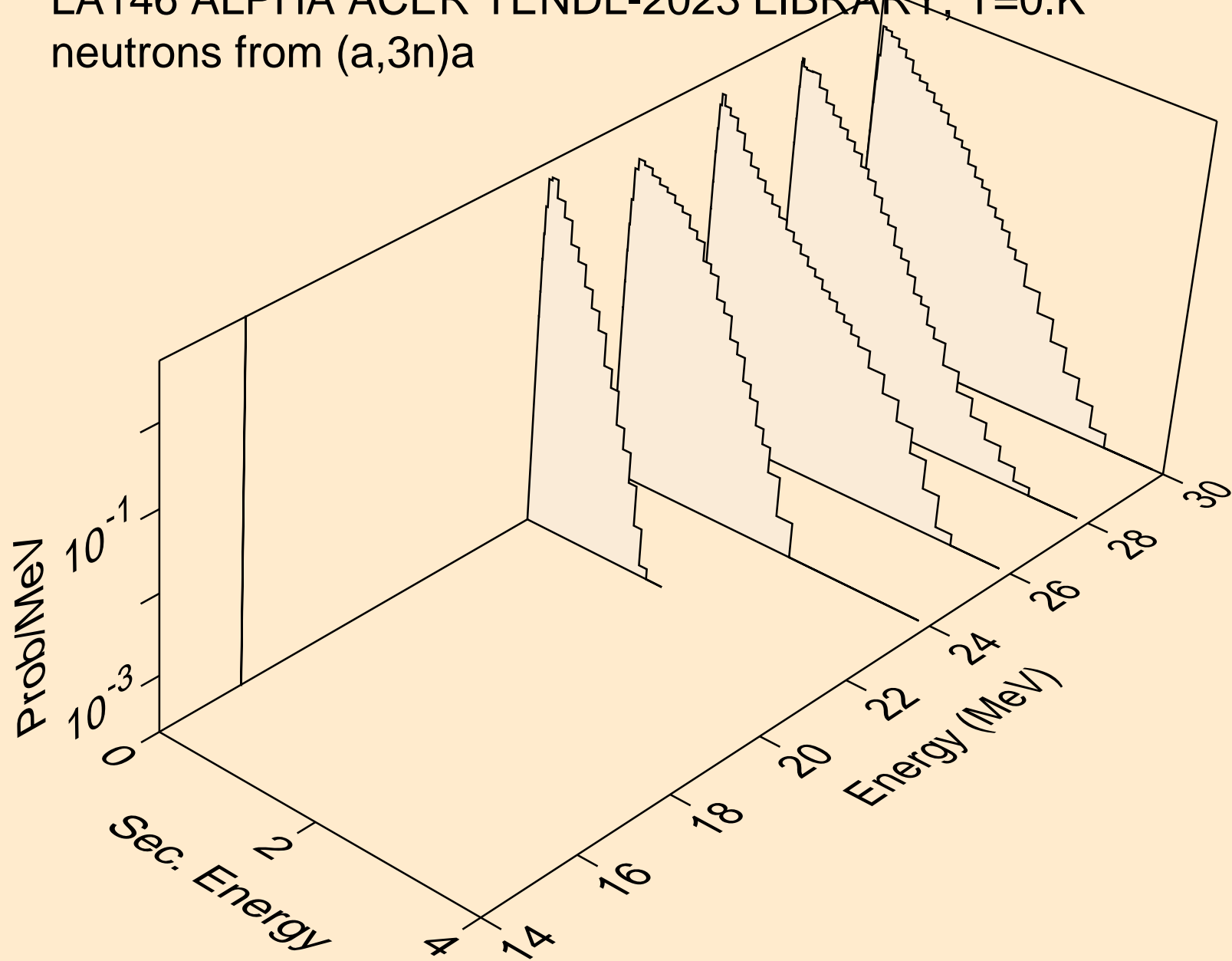
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



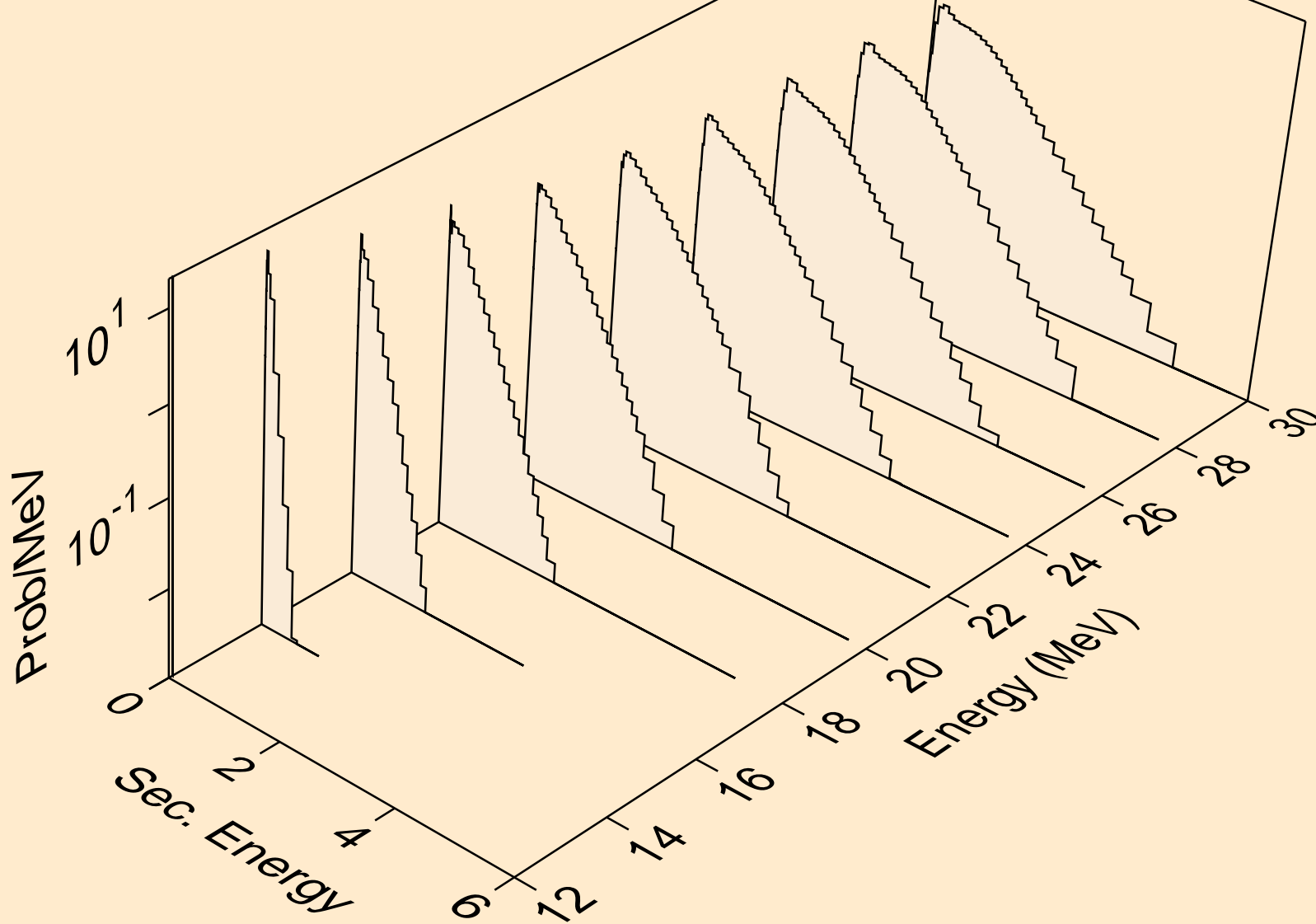
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



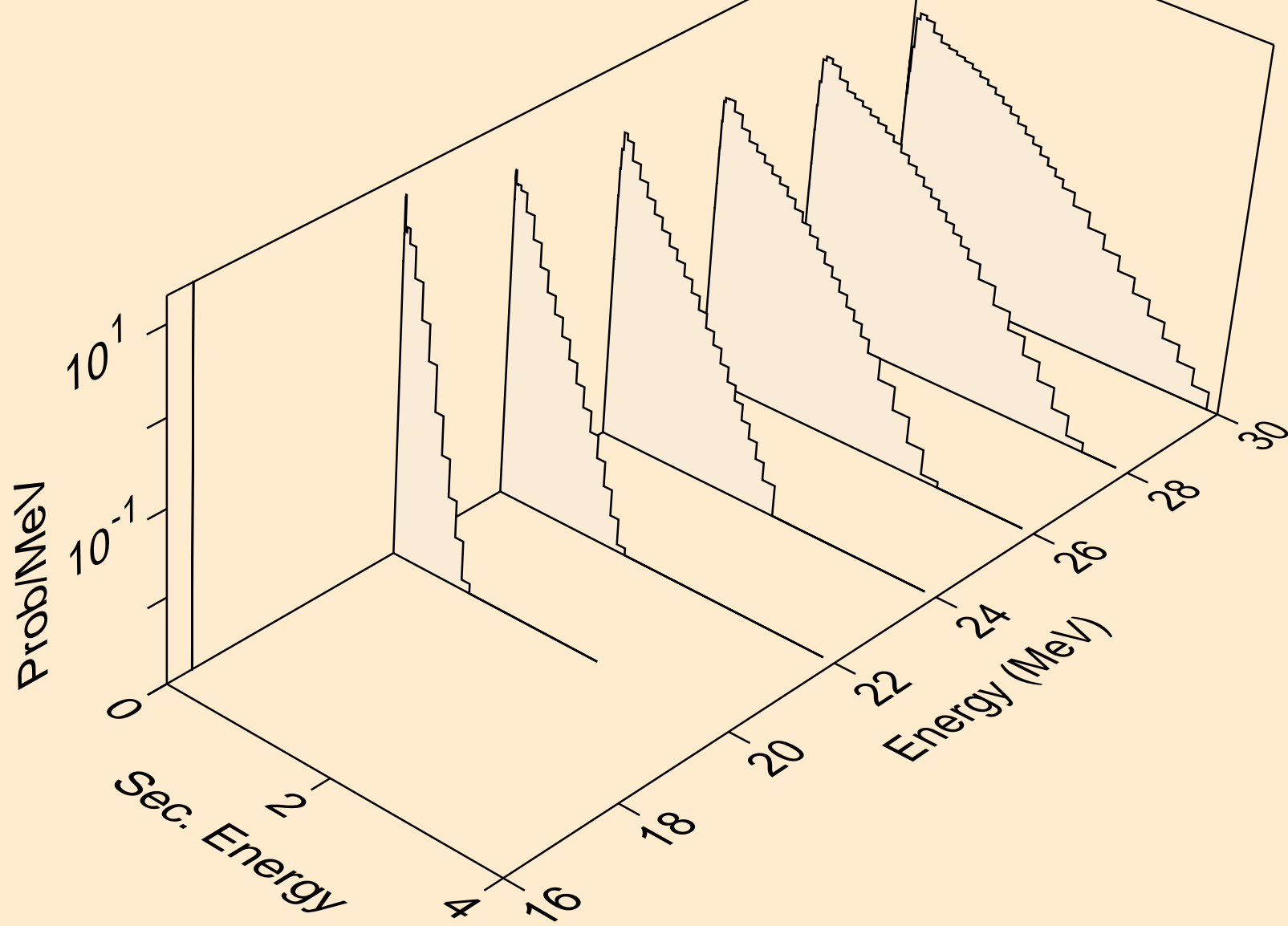
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neutrons from (a,3n)a



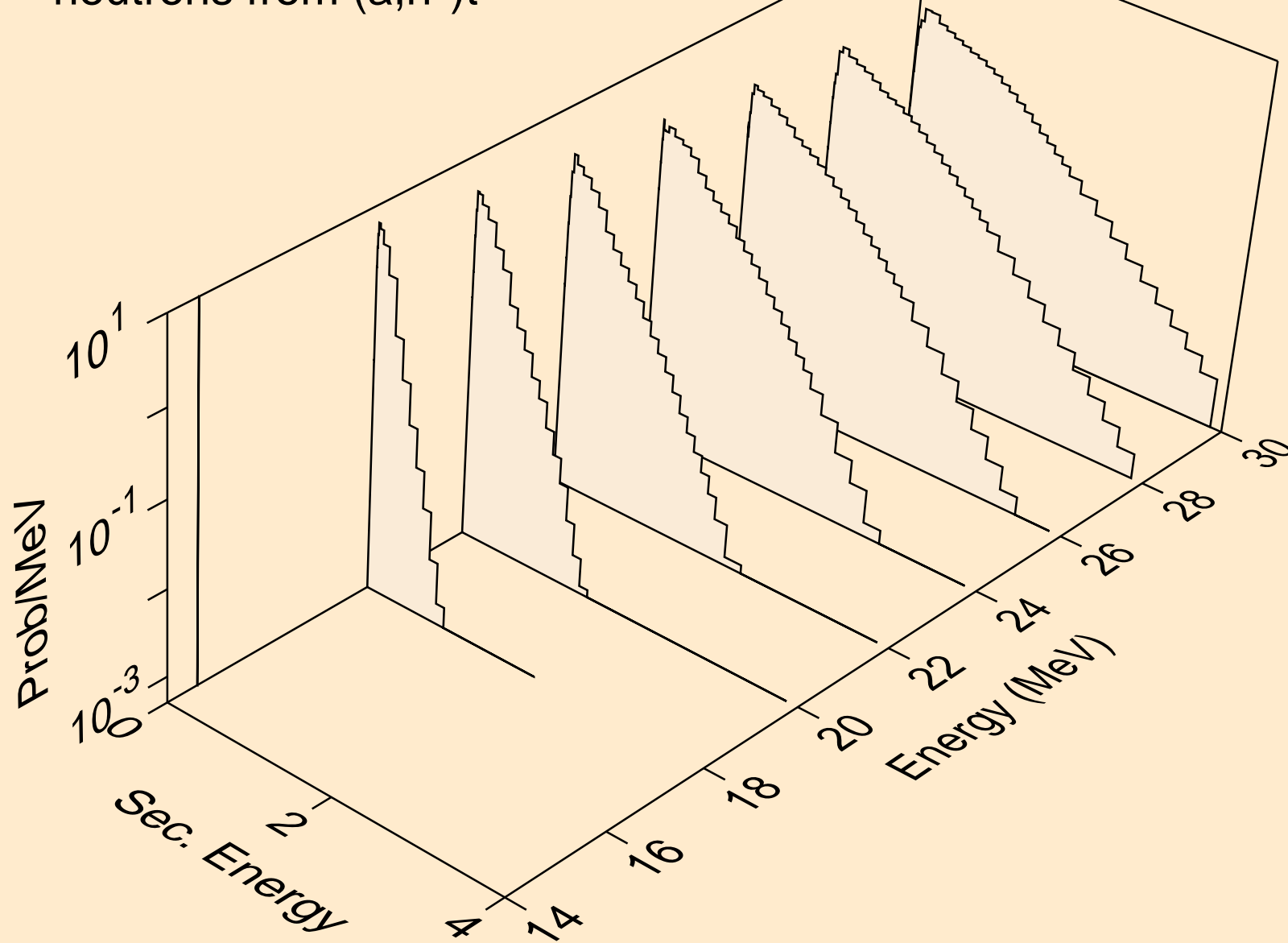
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



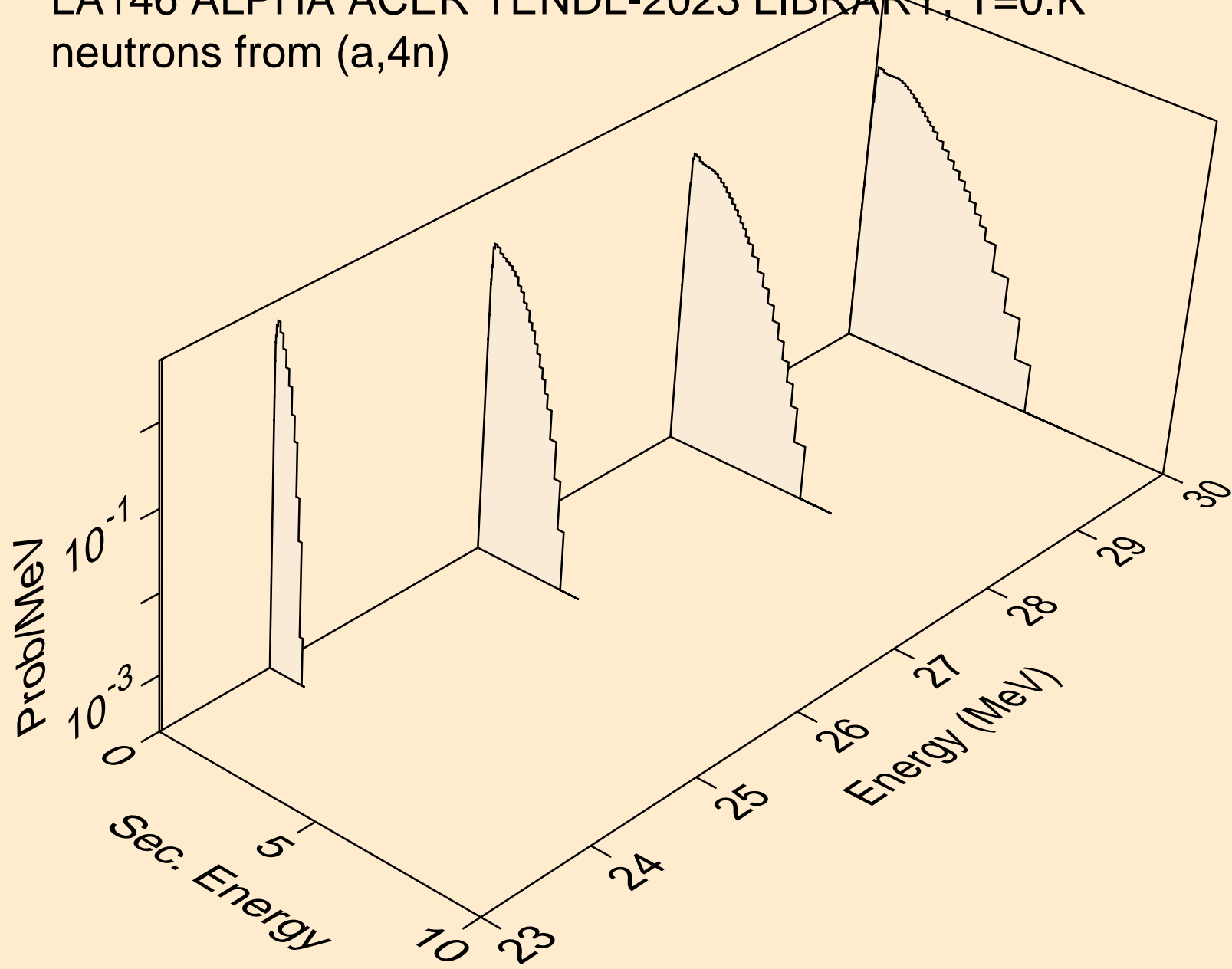
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



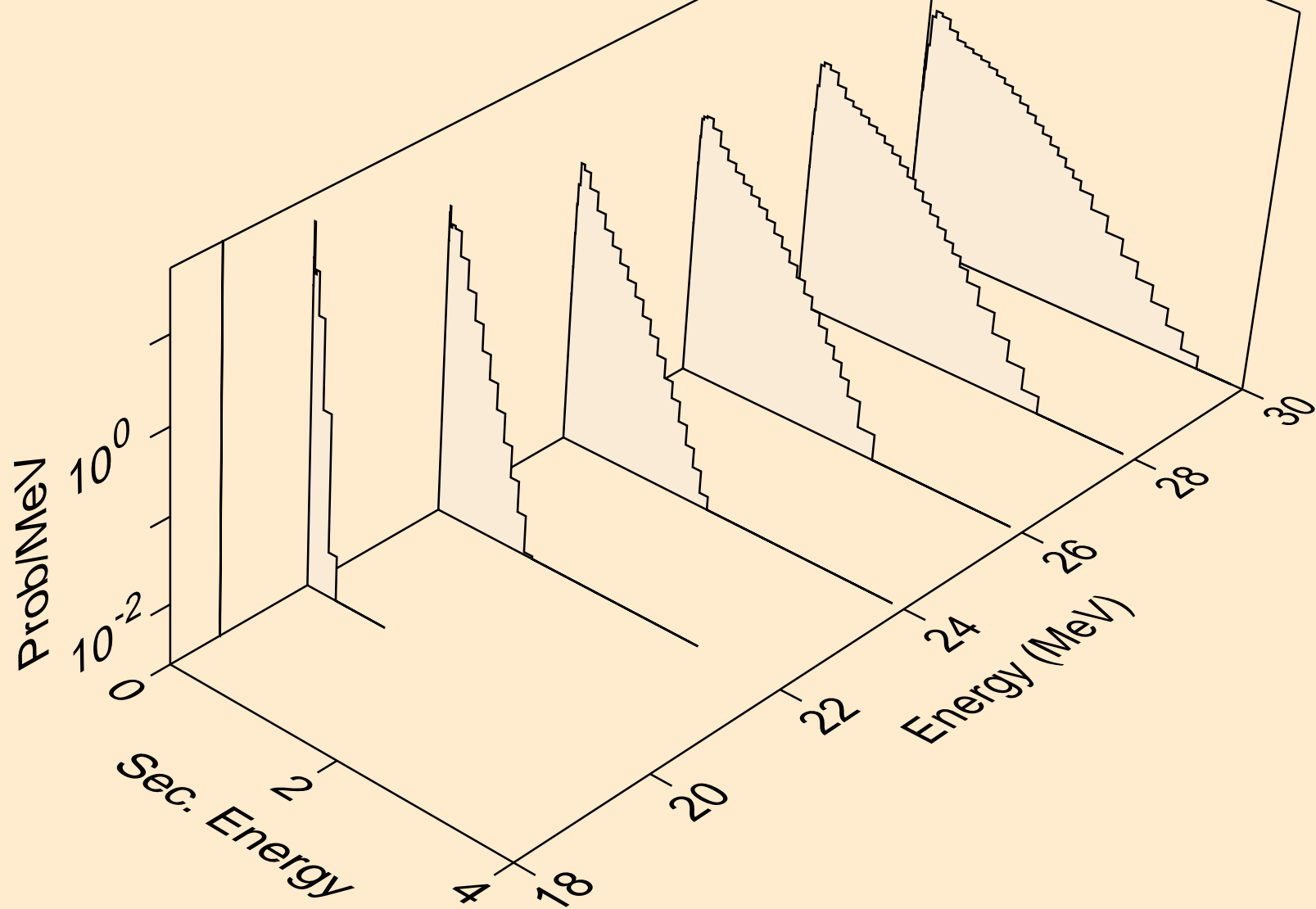
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)

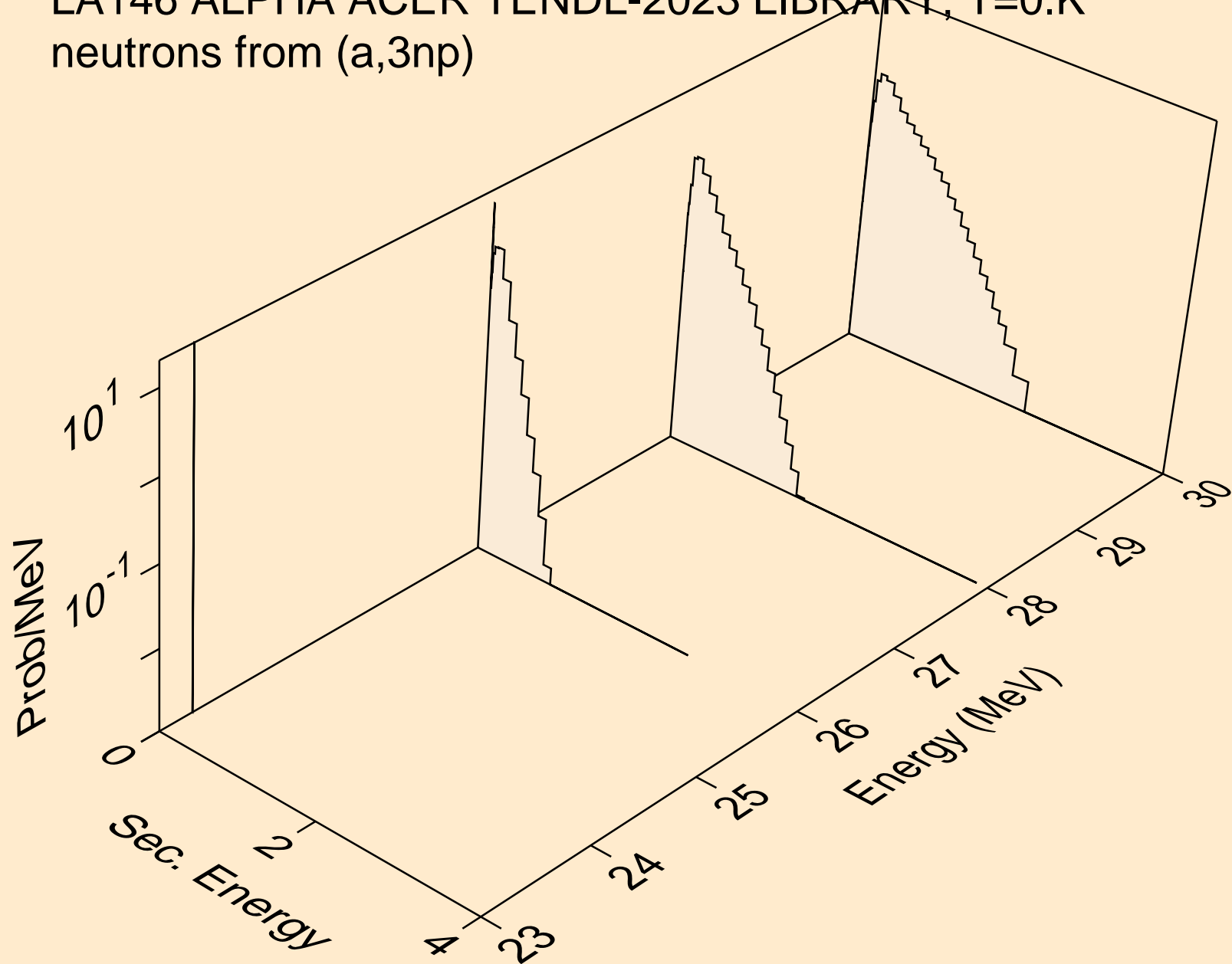


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

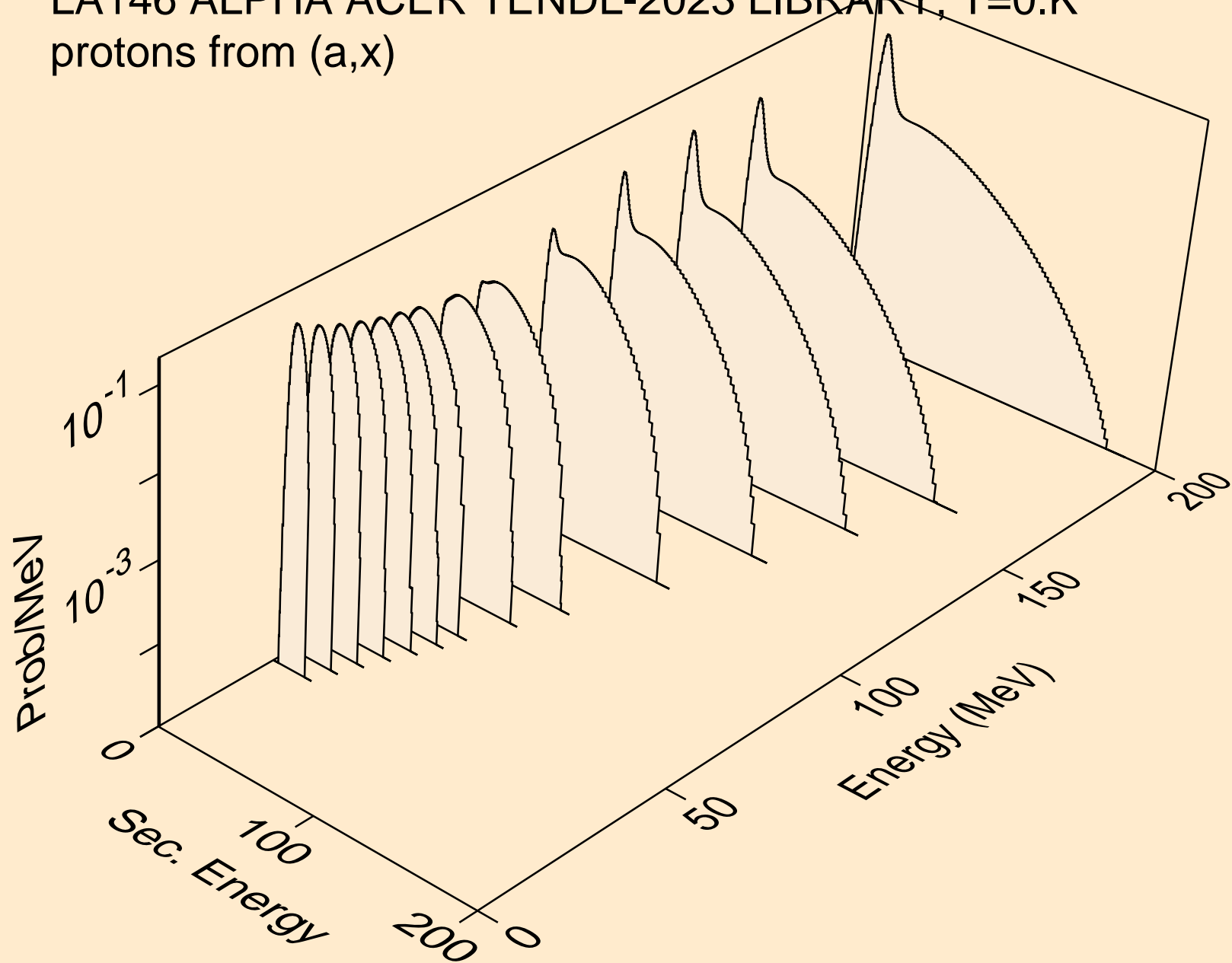




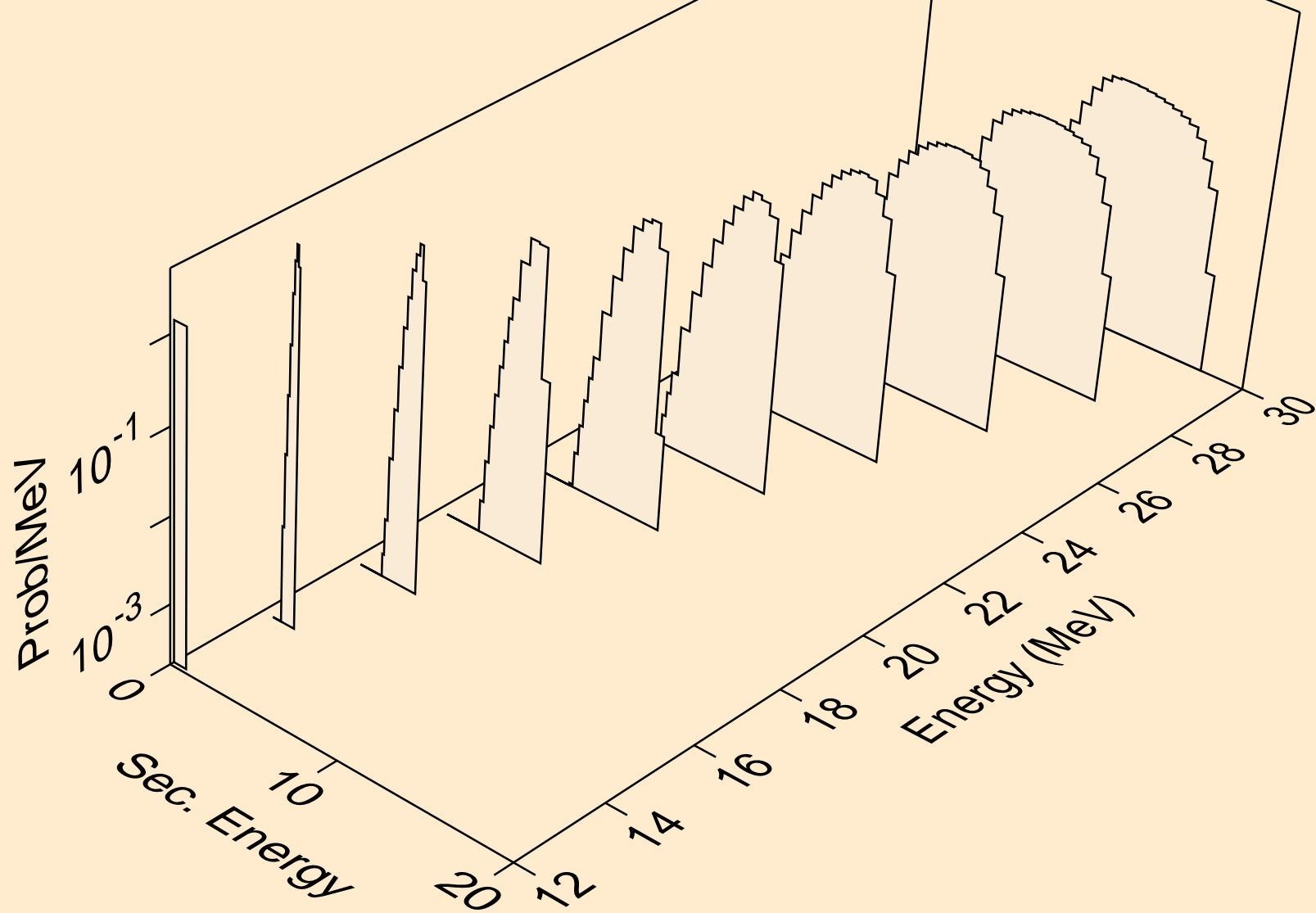
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



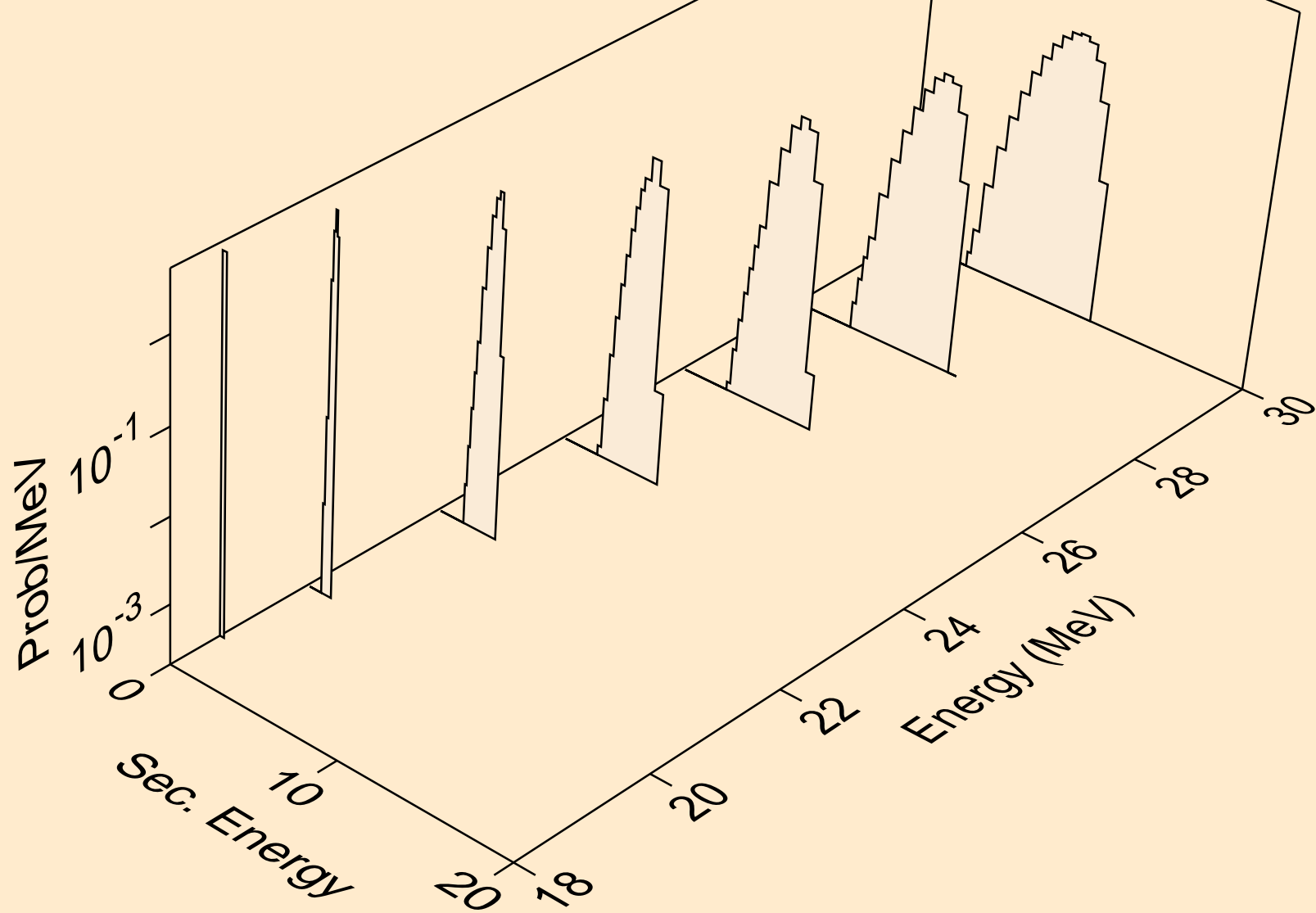
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protons from (a,x)



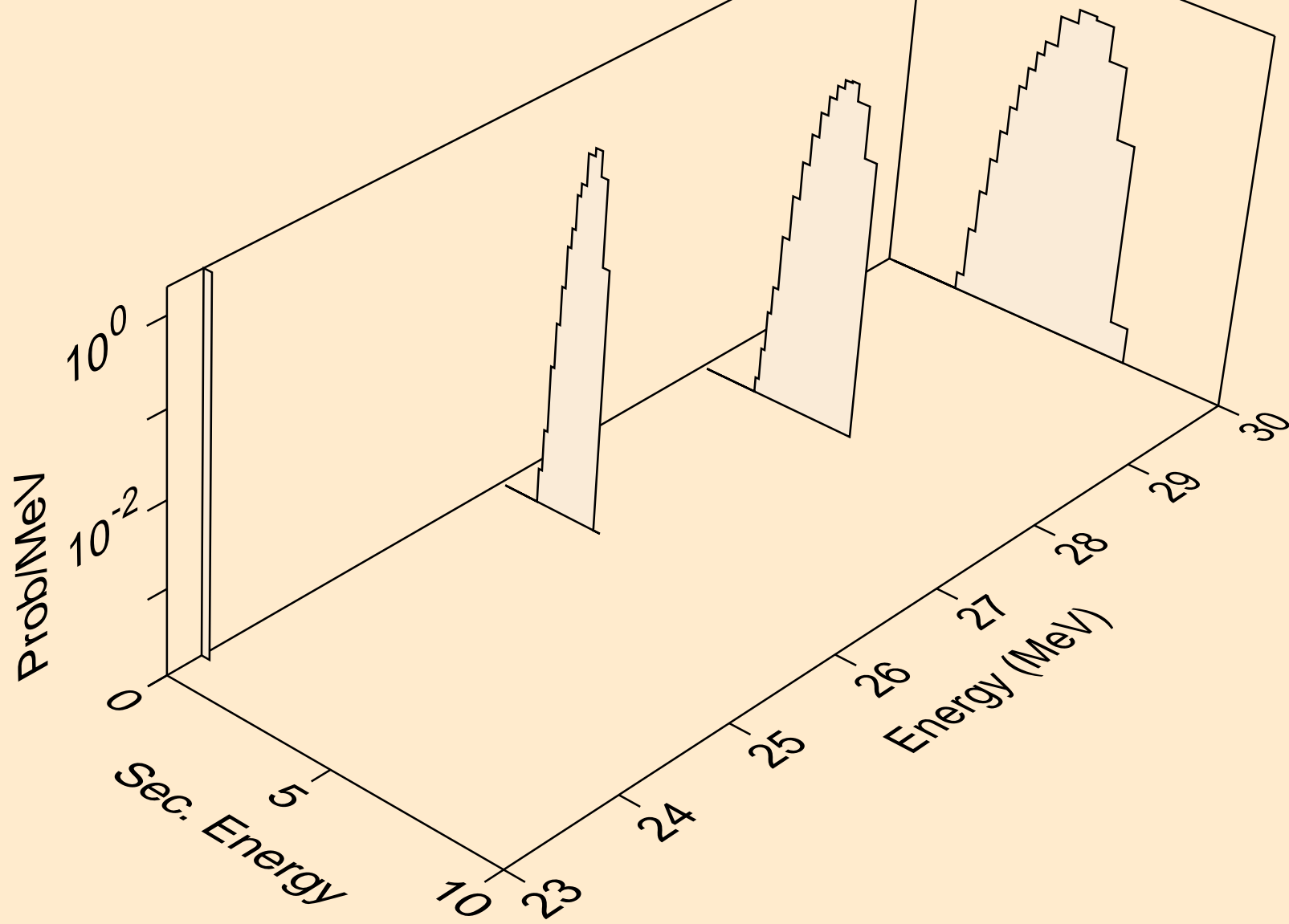
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



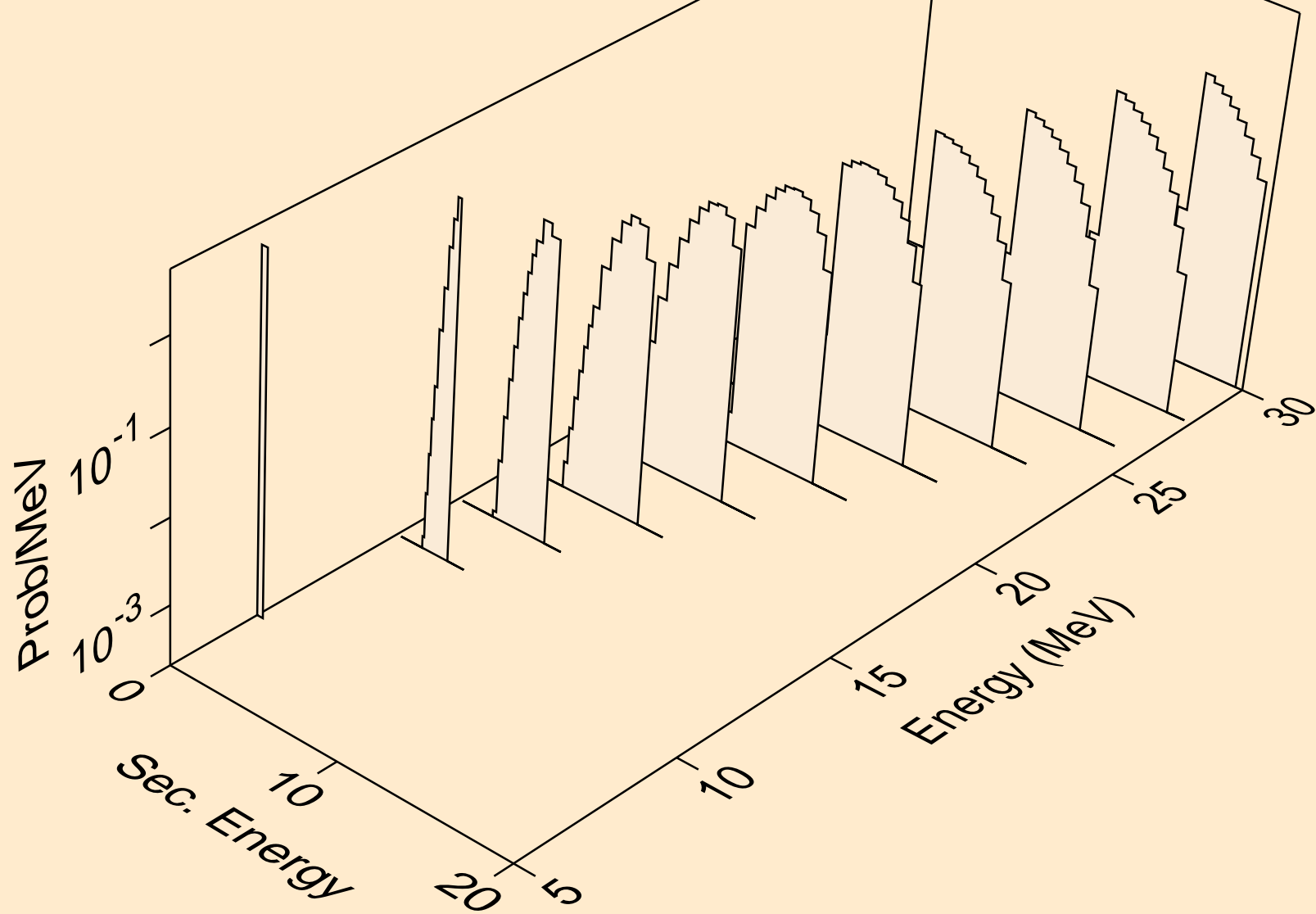
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



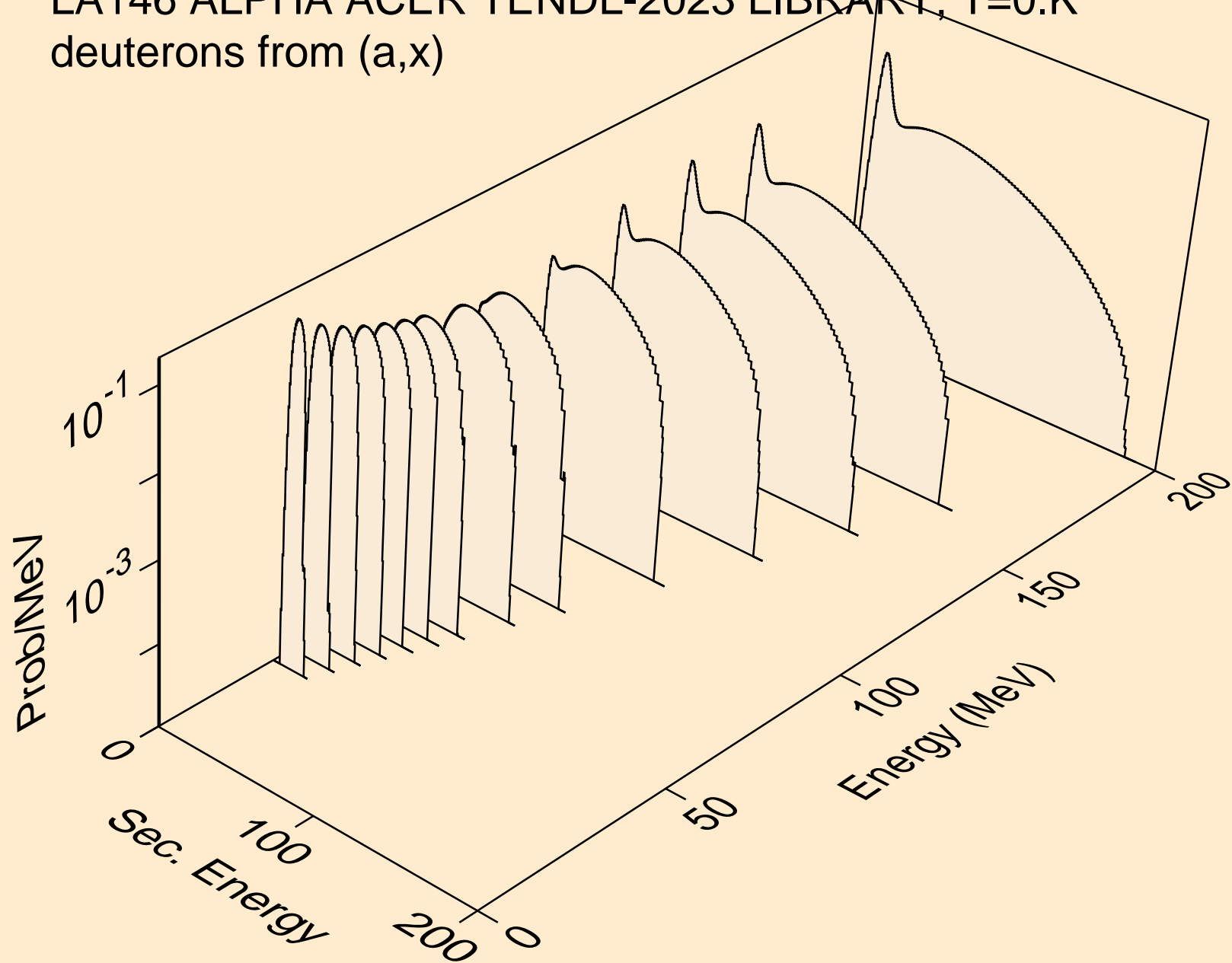
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protons from (a,3np)



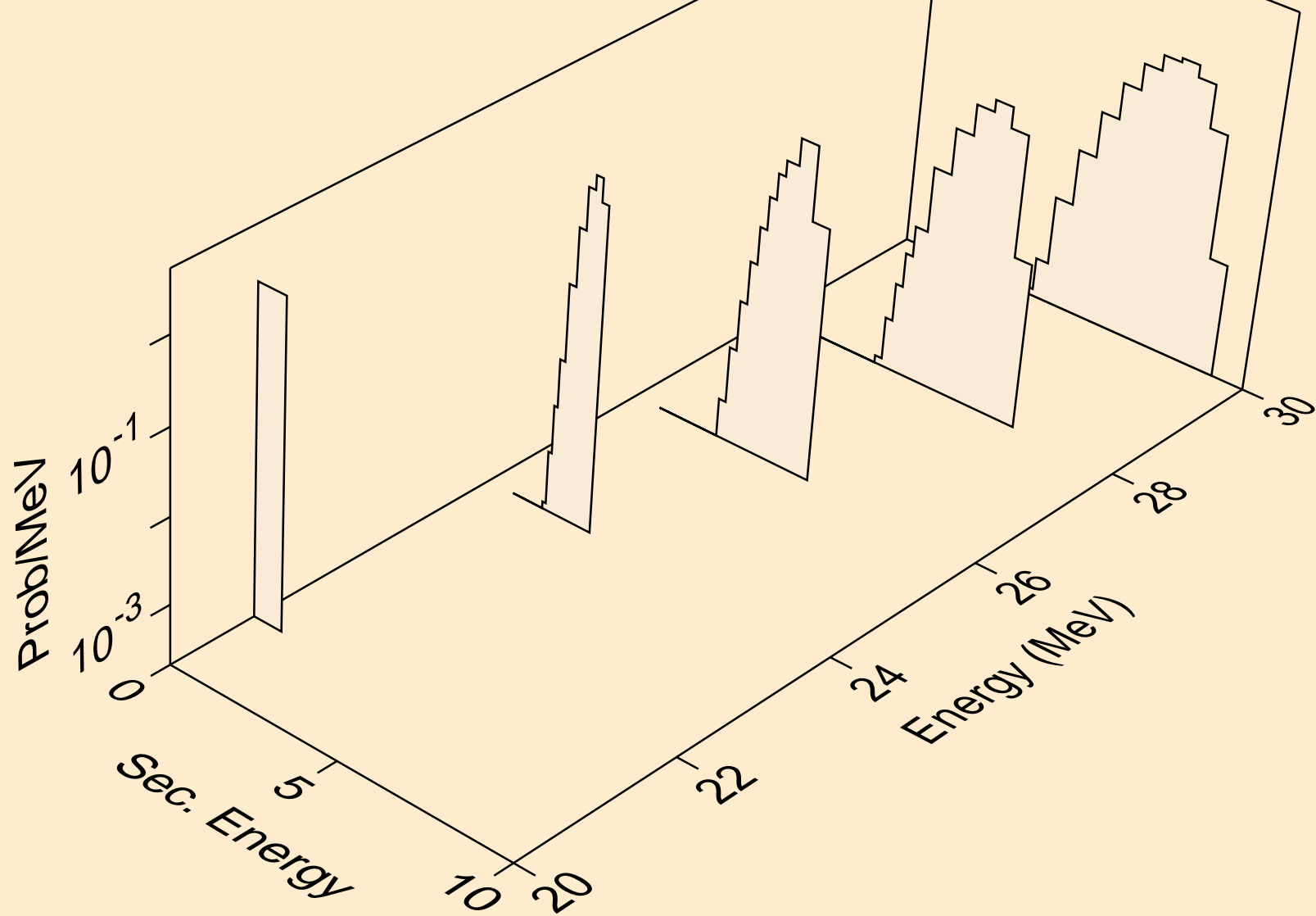
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

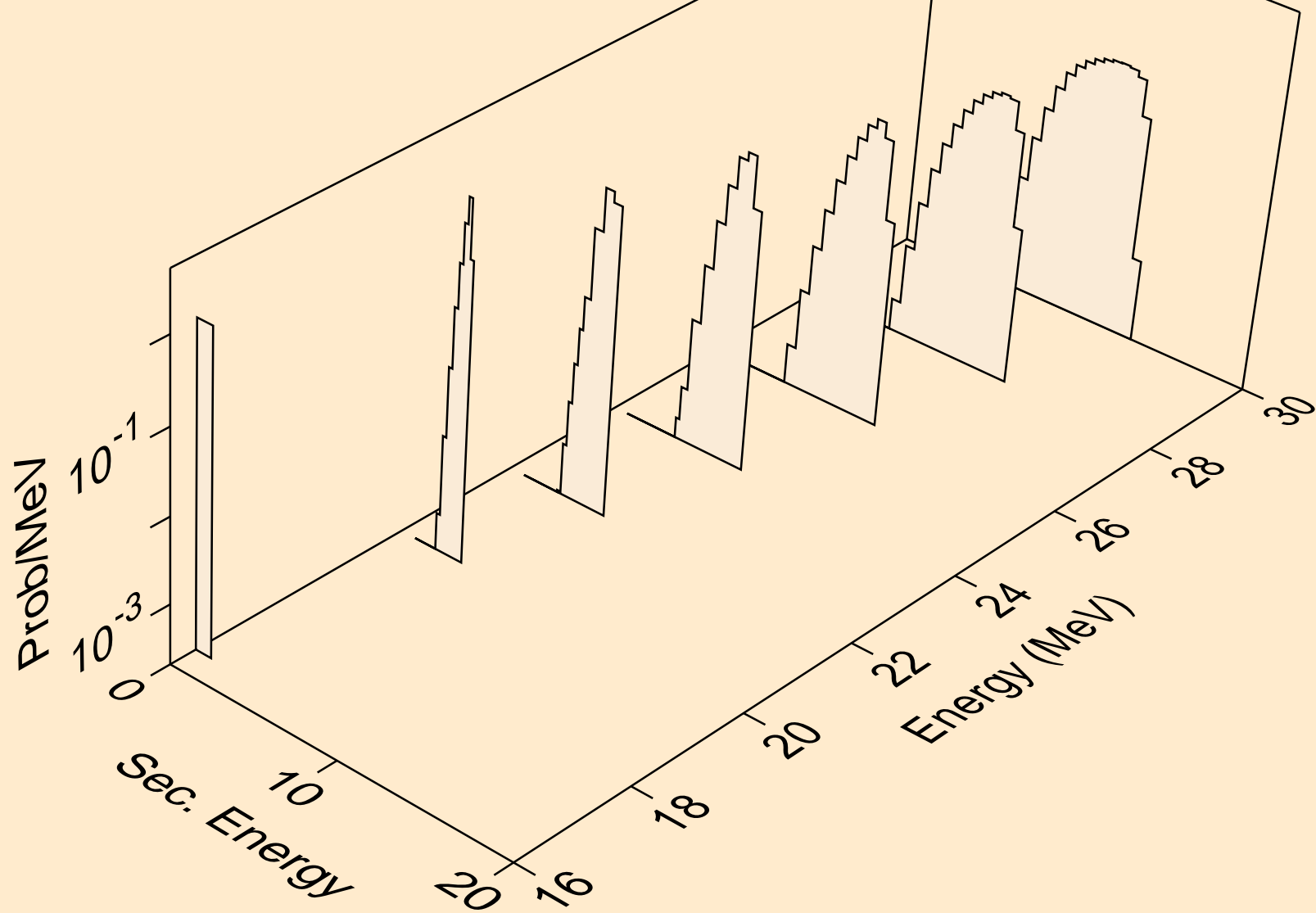


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)

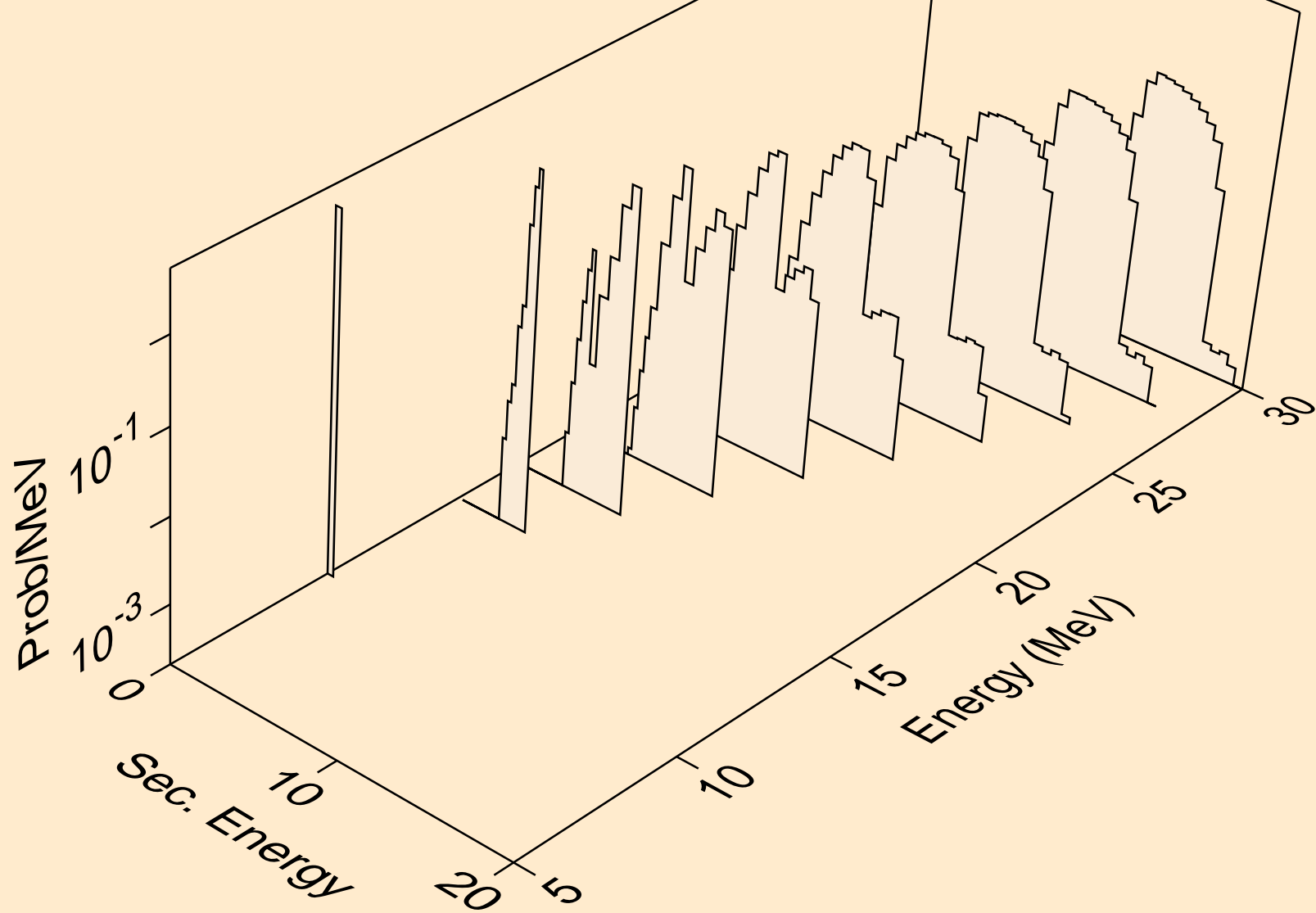




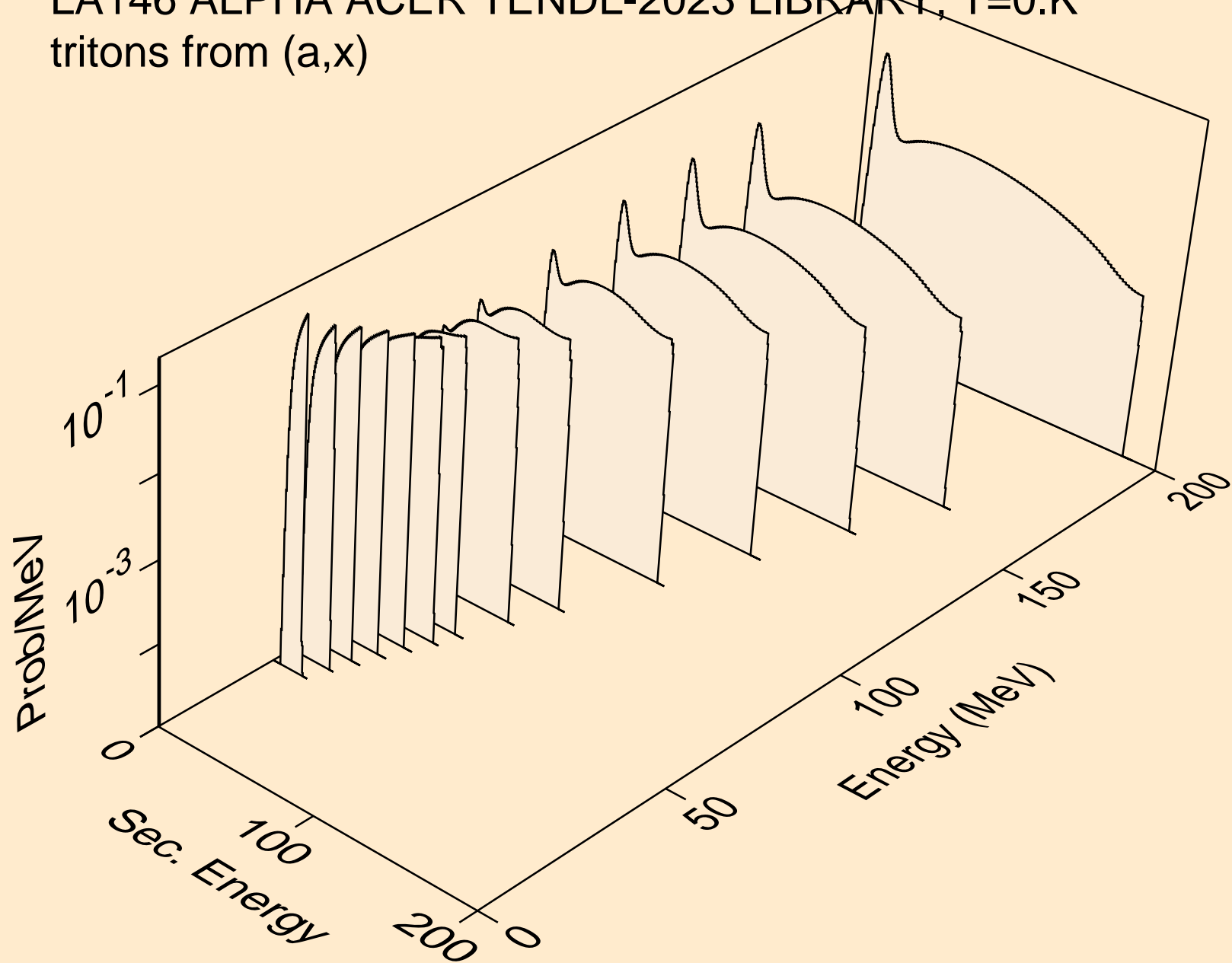
LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

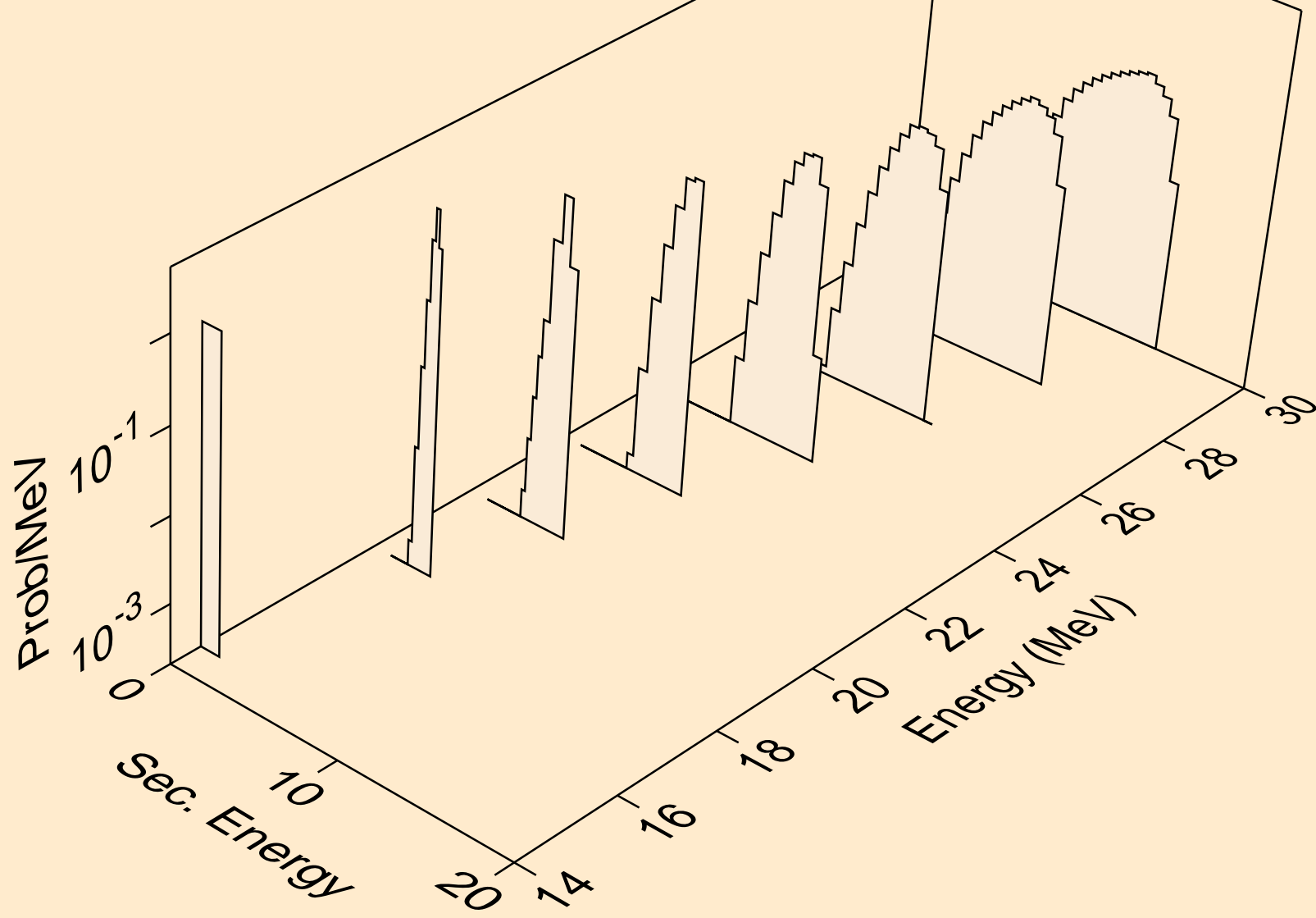


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

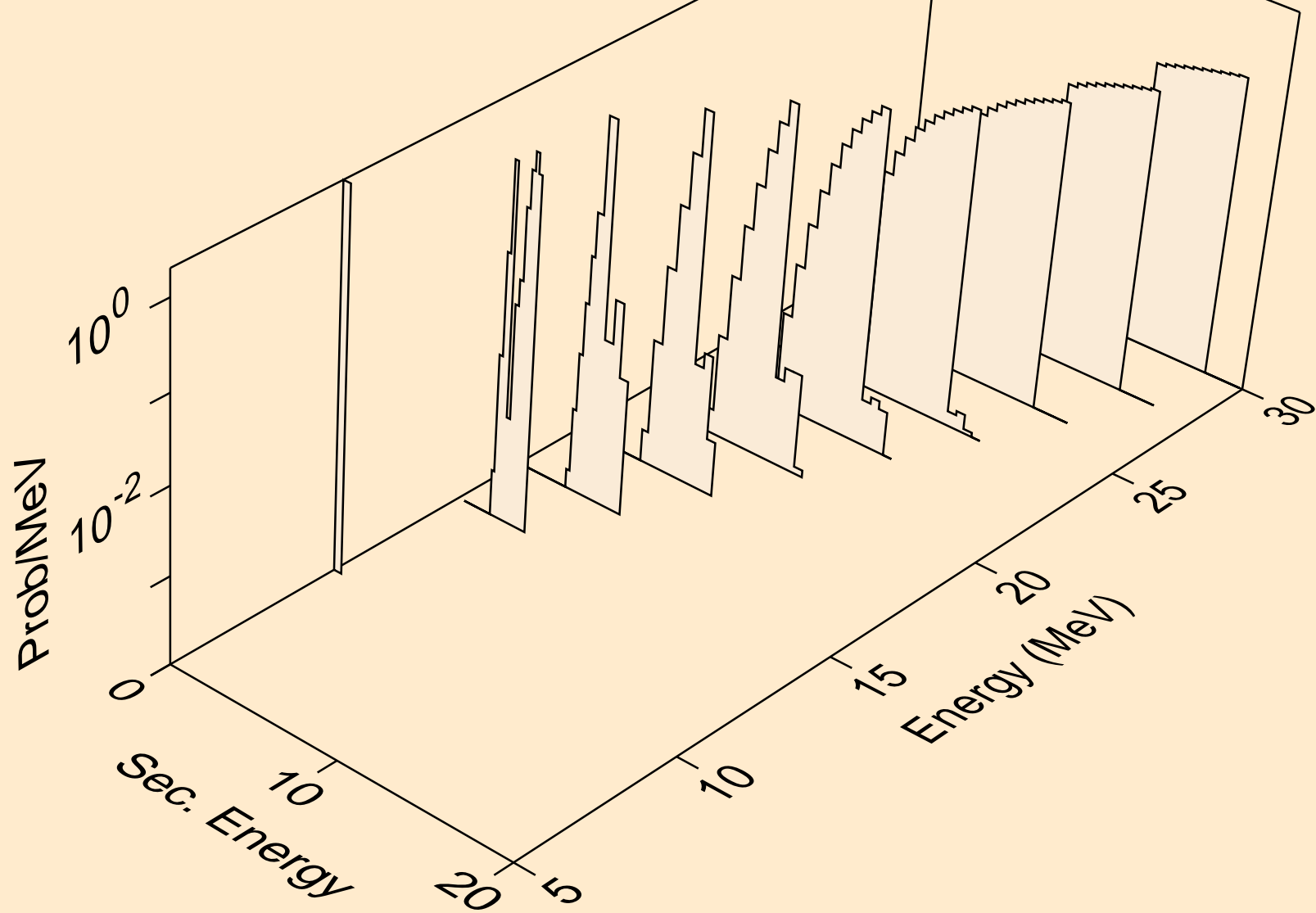


LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

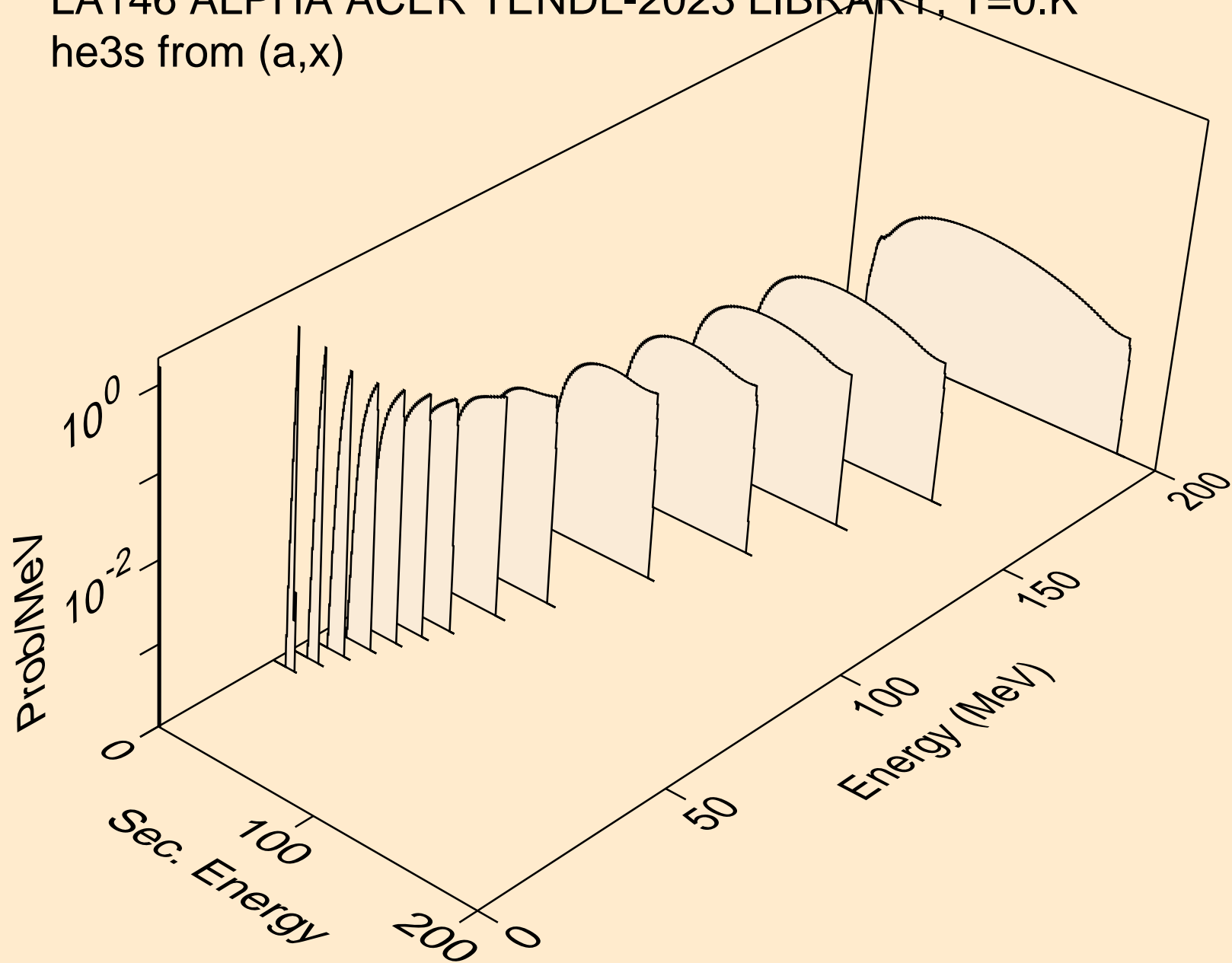
tritons from (a,n\*)t



LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



LA146 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

