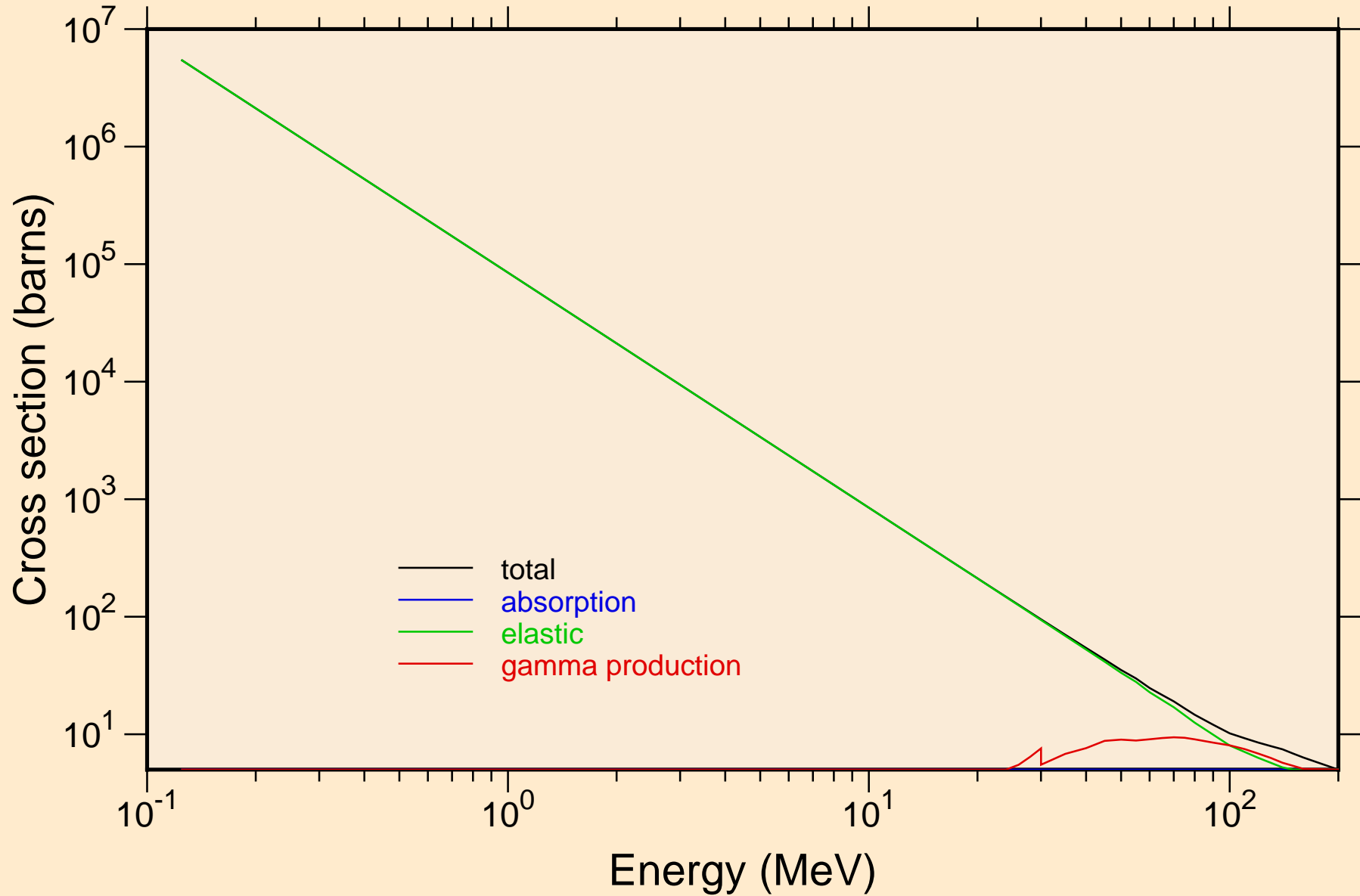


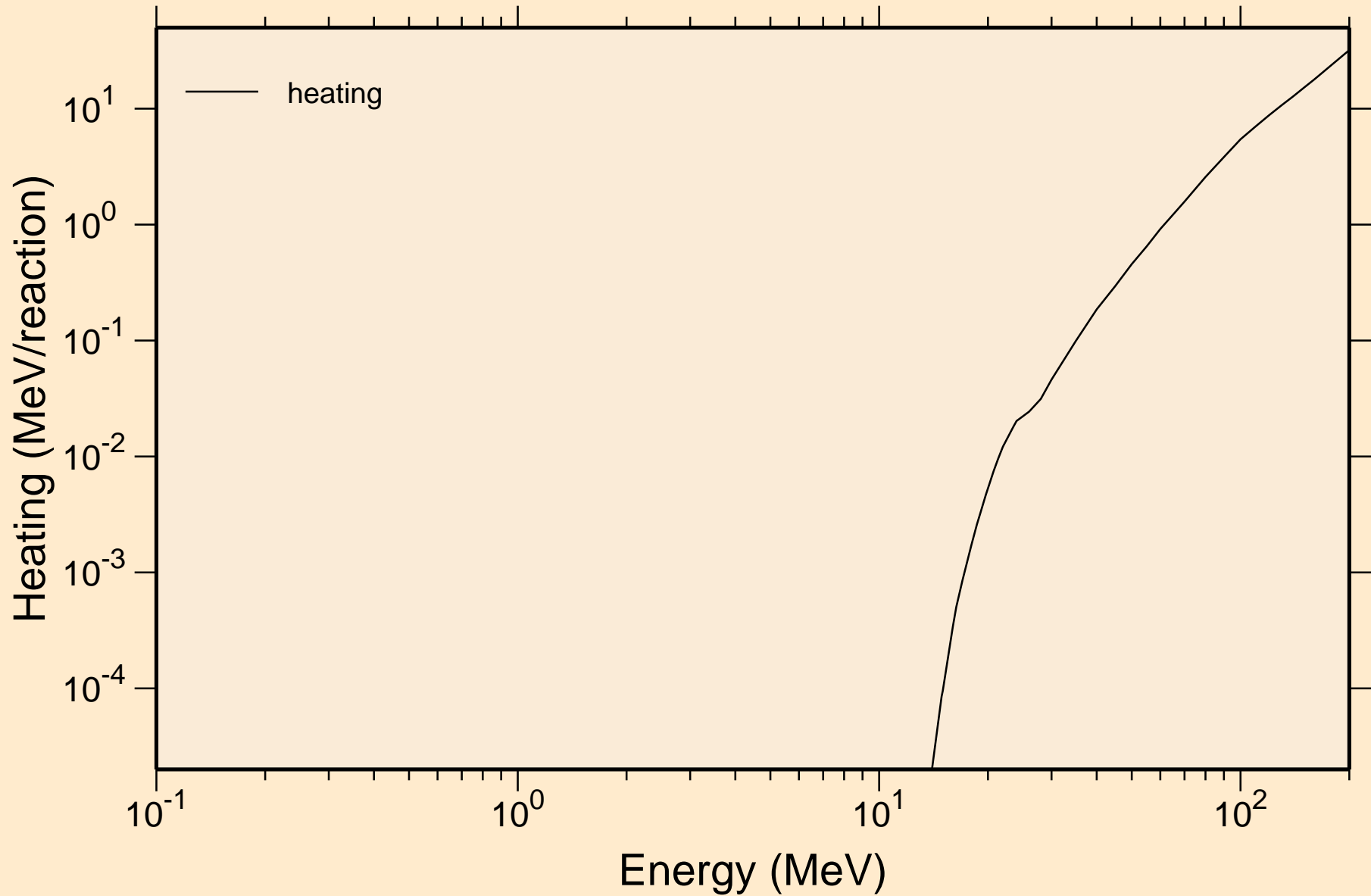
# LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



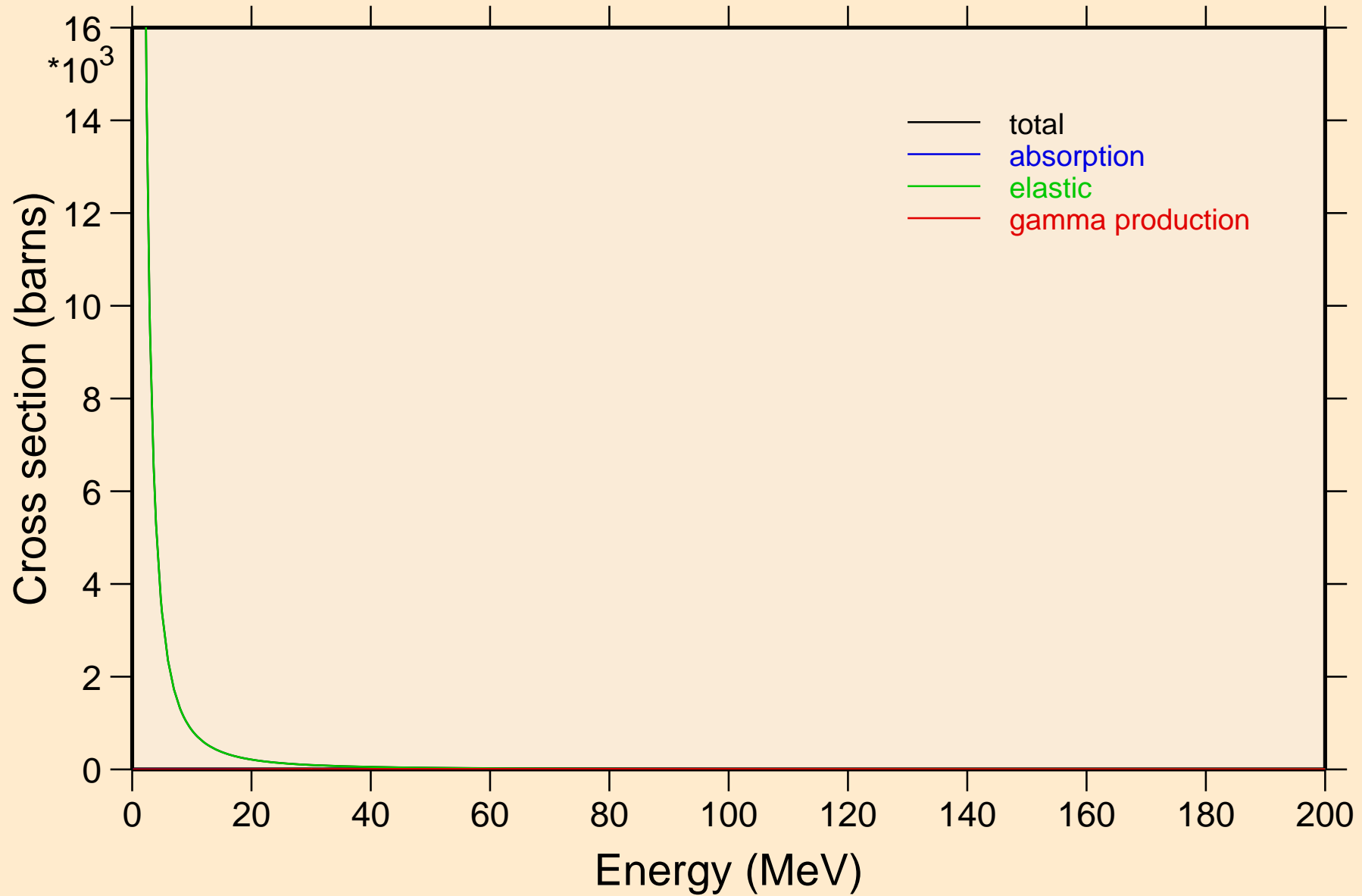
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



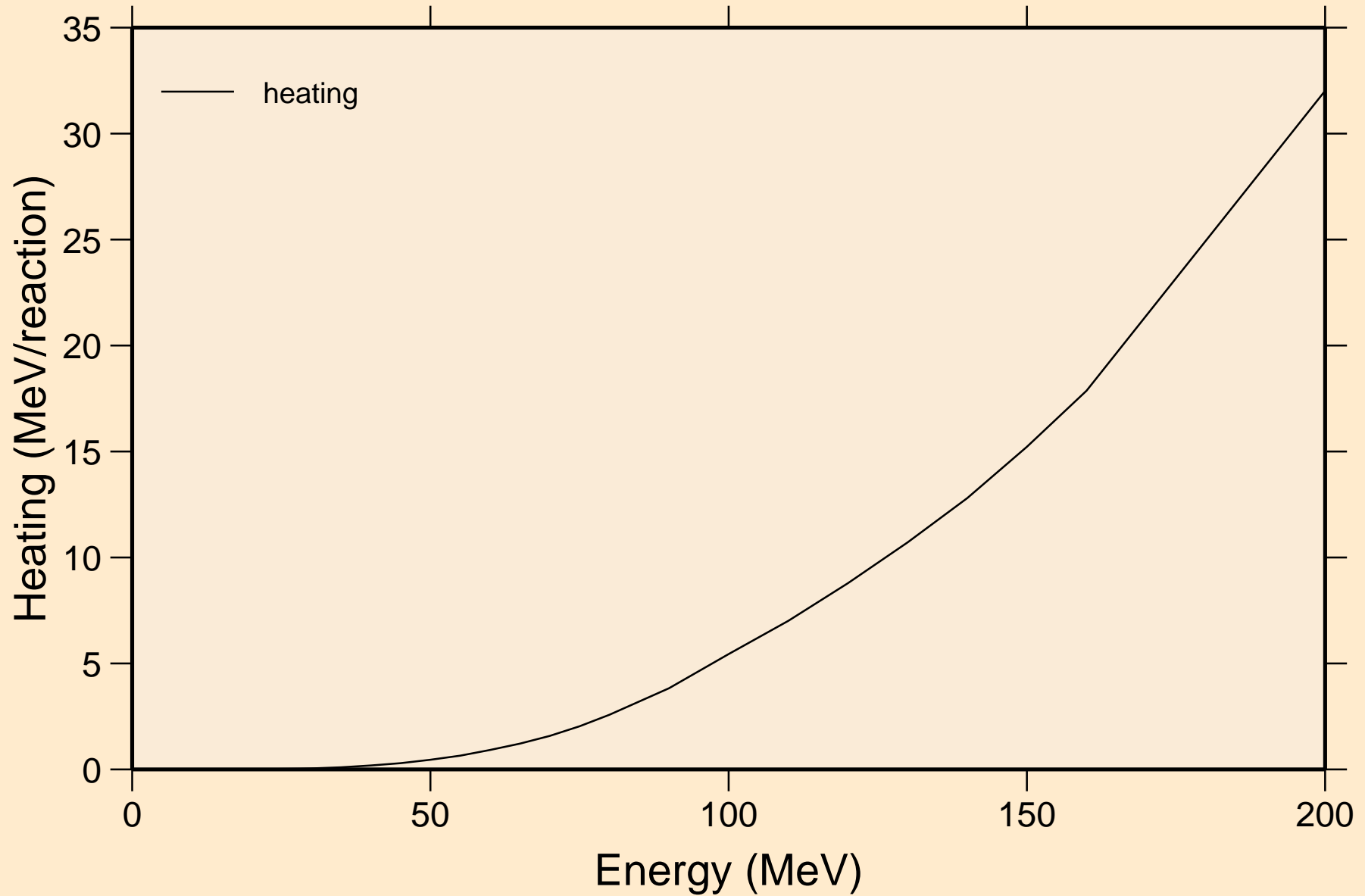
# LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



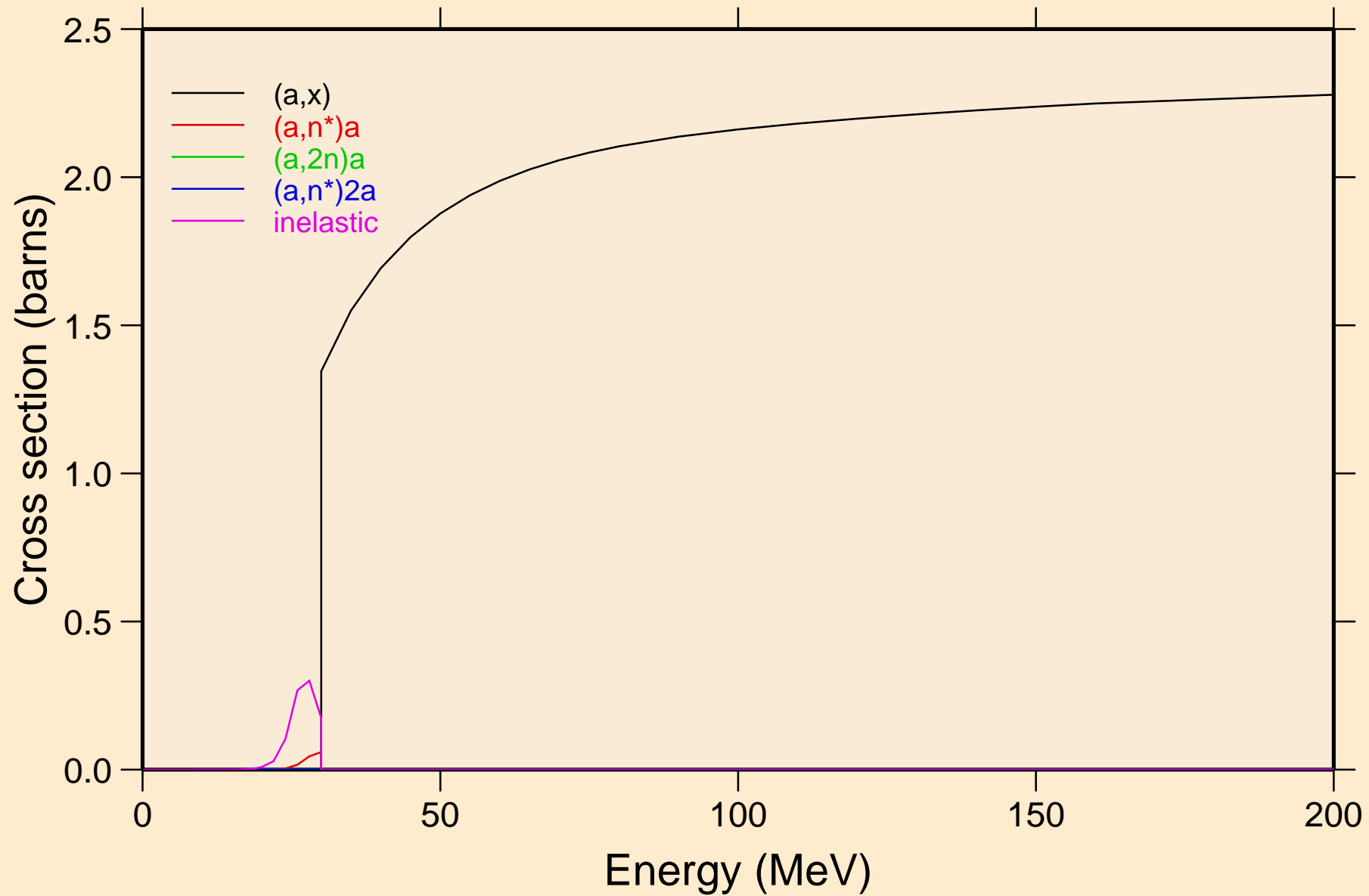
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

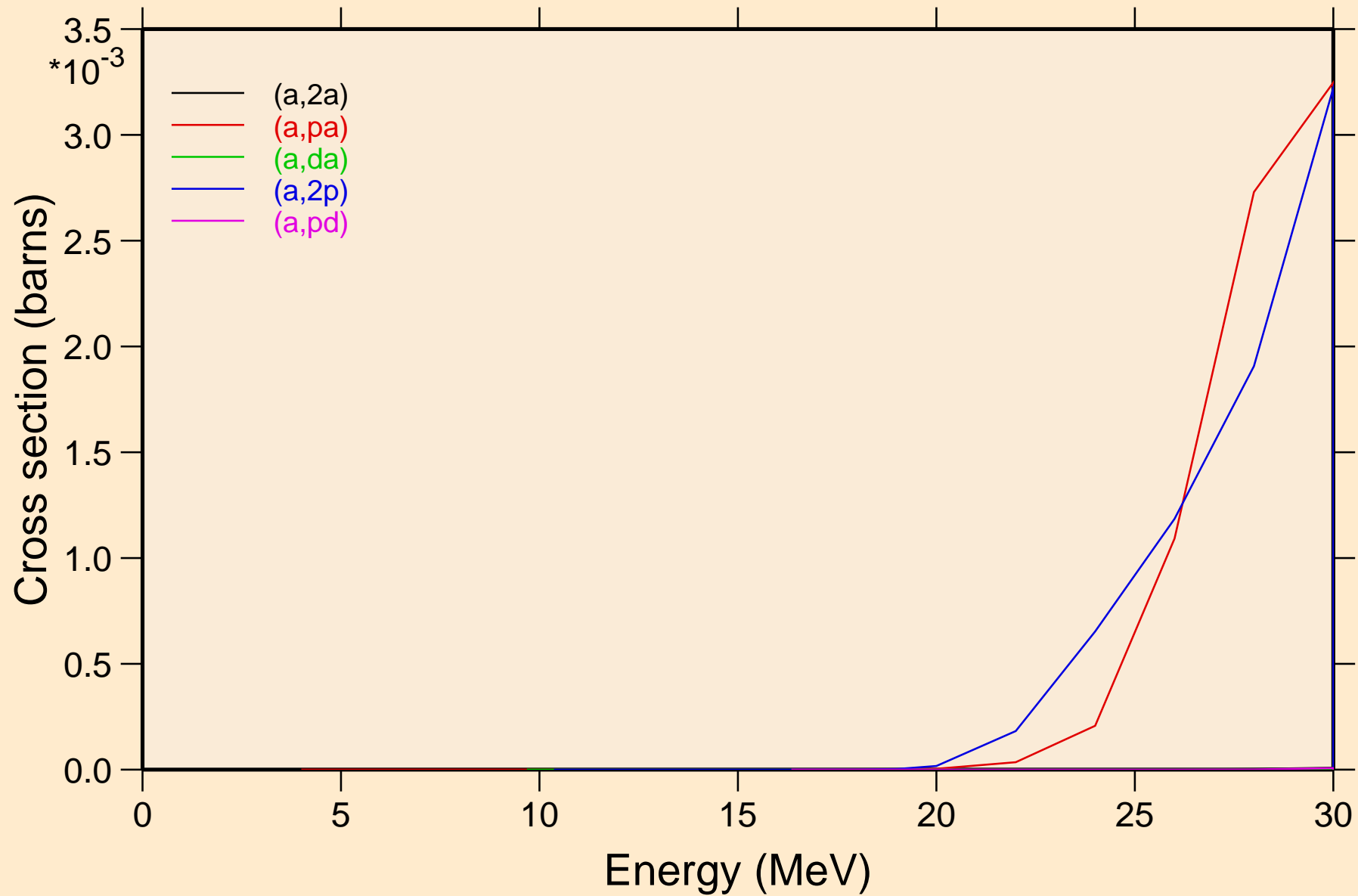


# LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

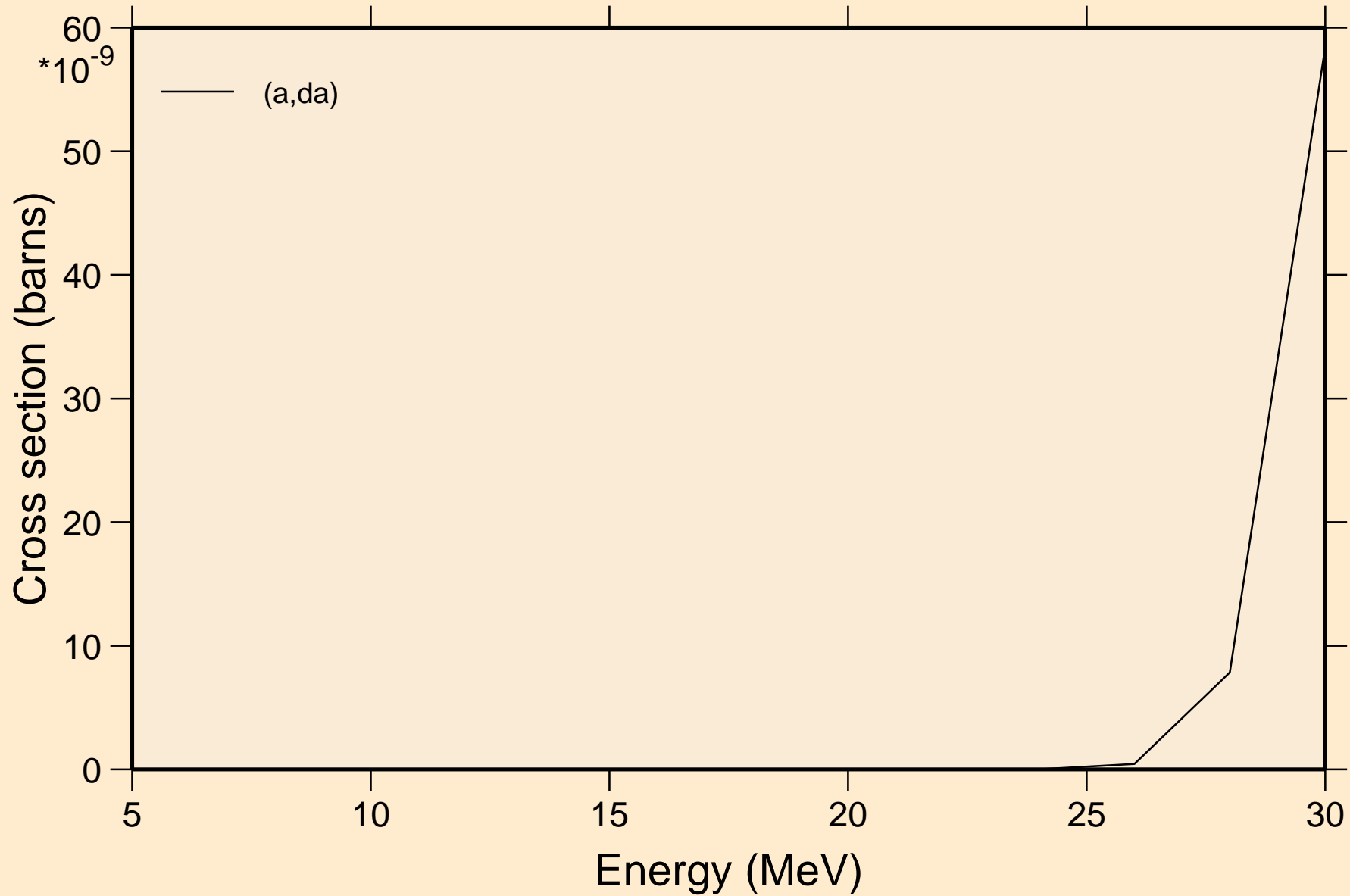
## Threshold reactions



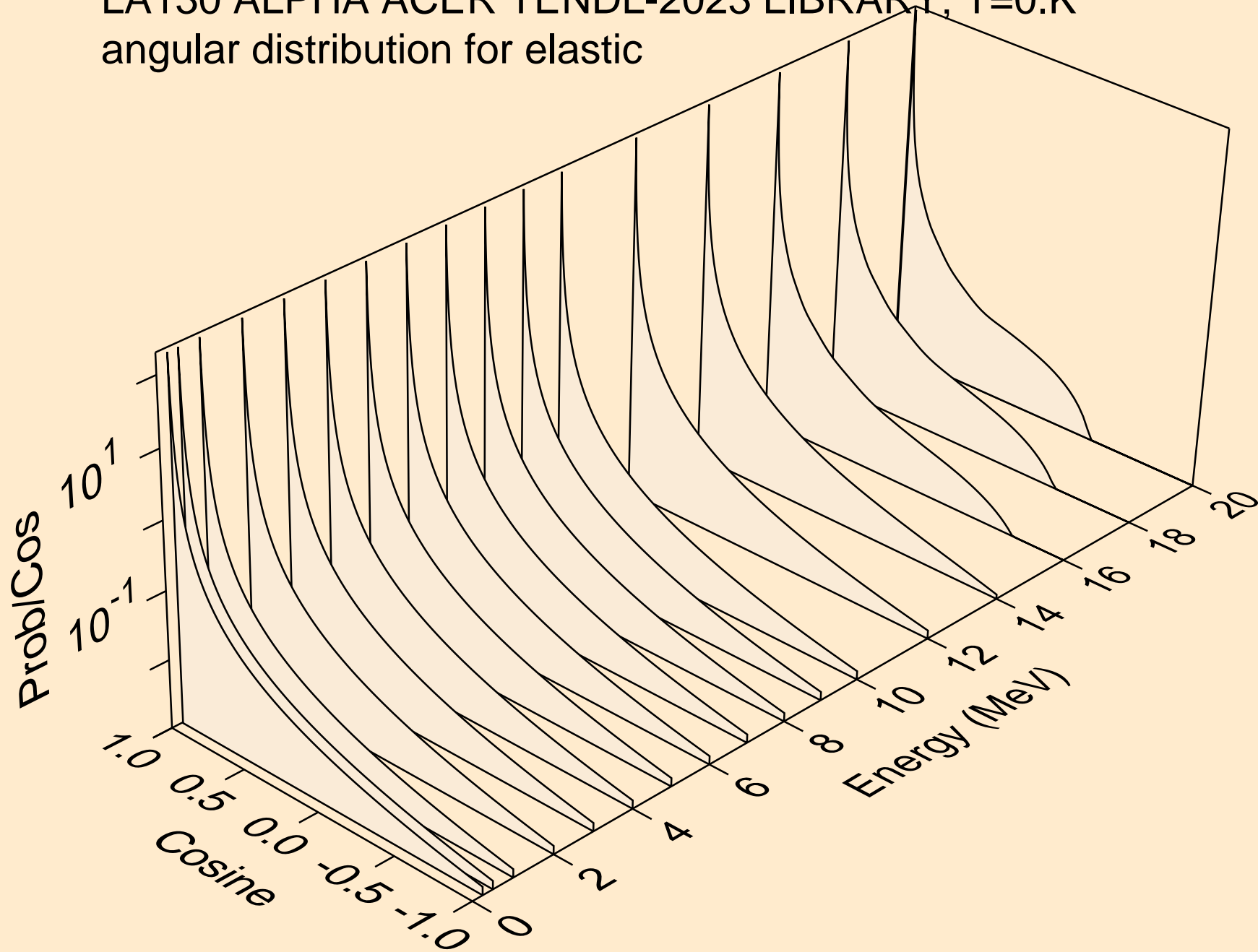
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

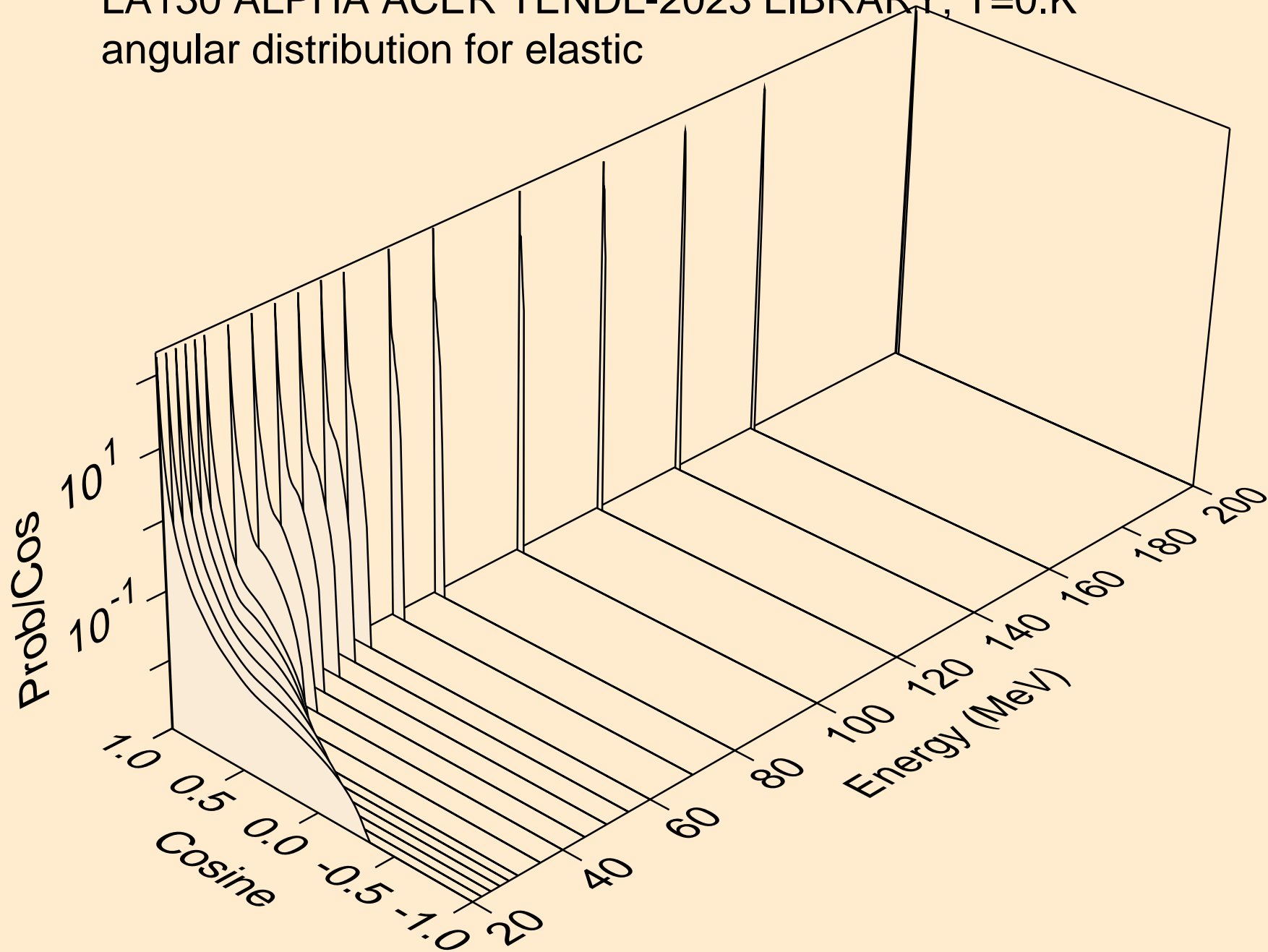


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



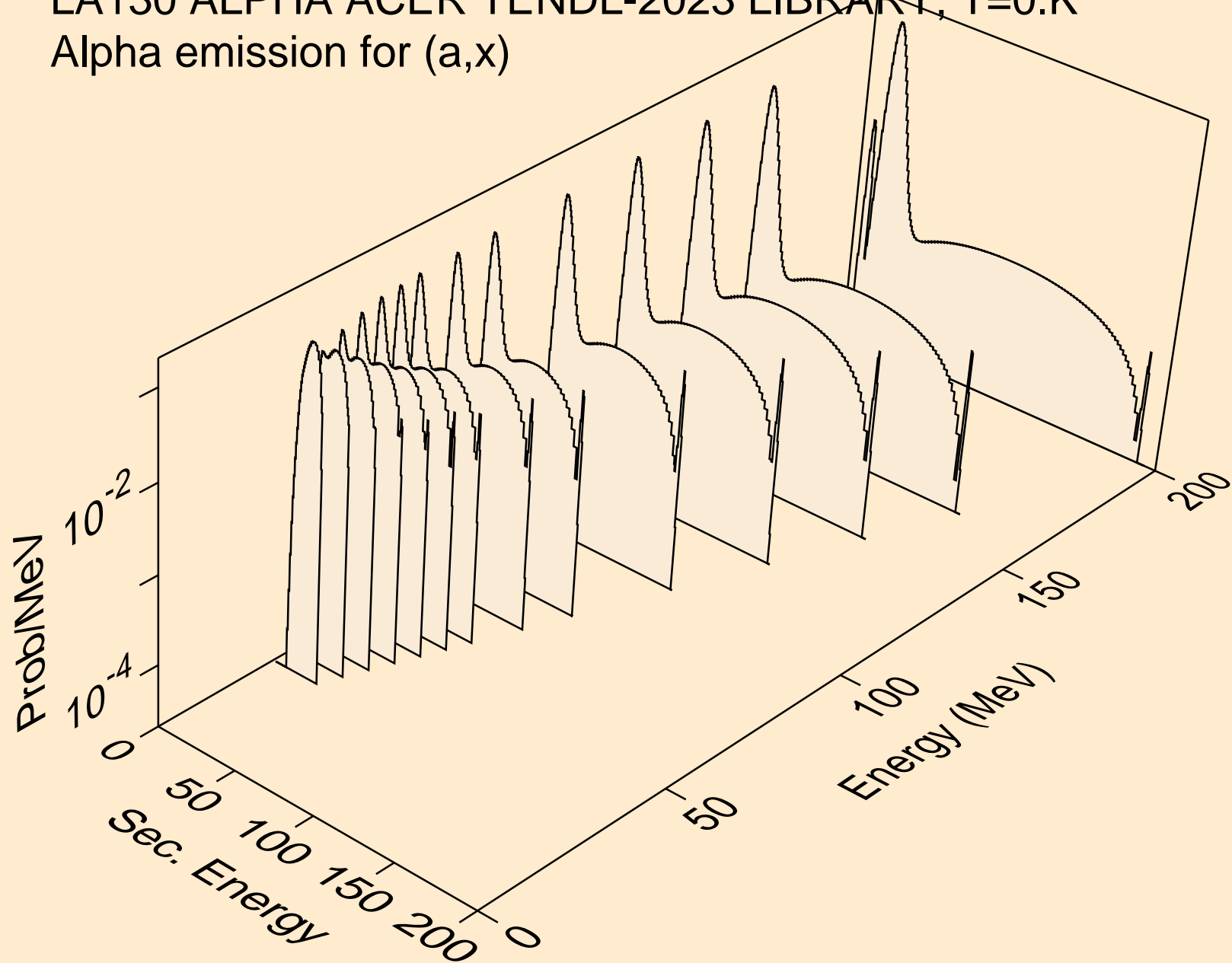


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



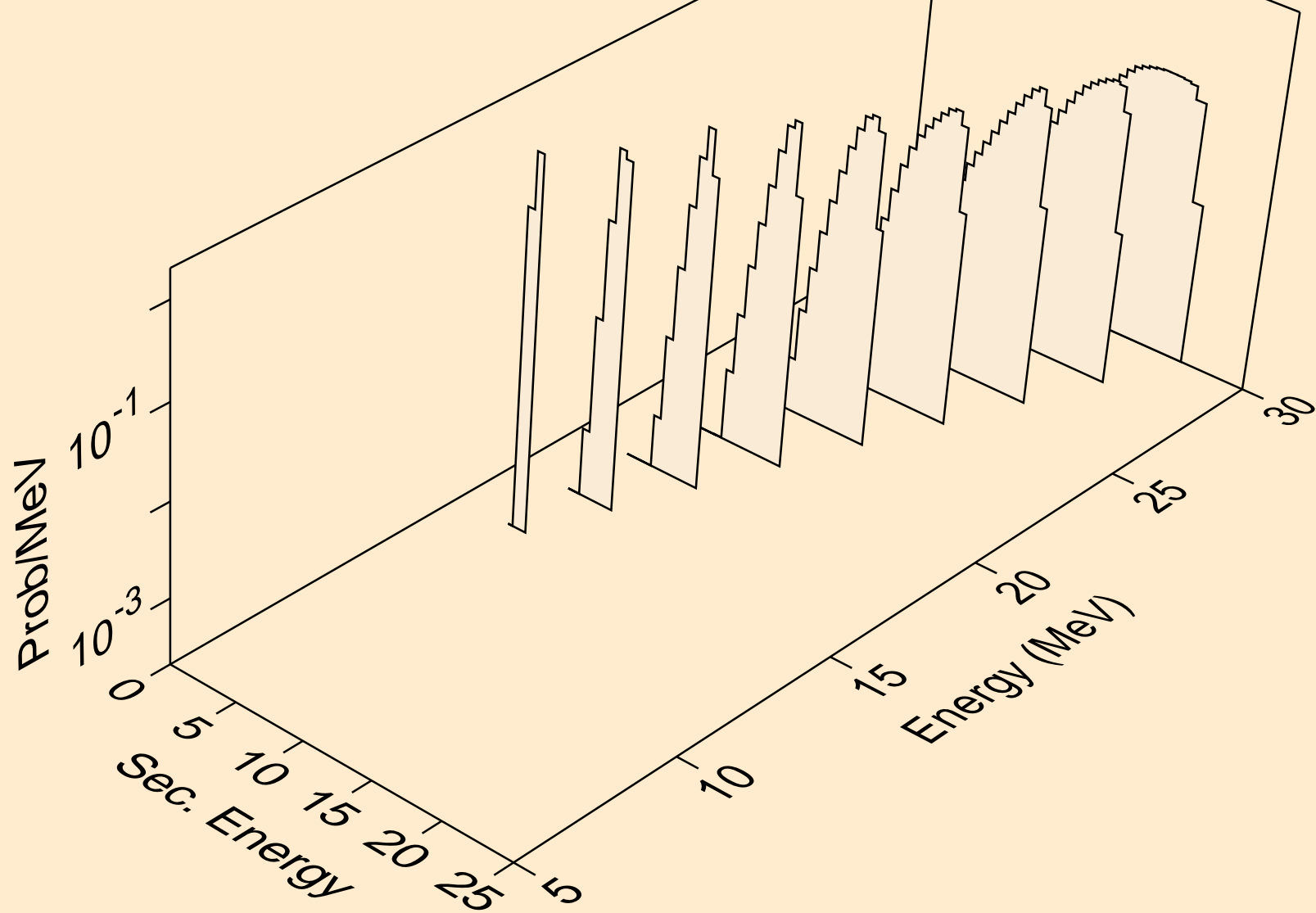
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



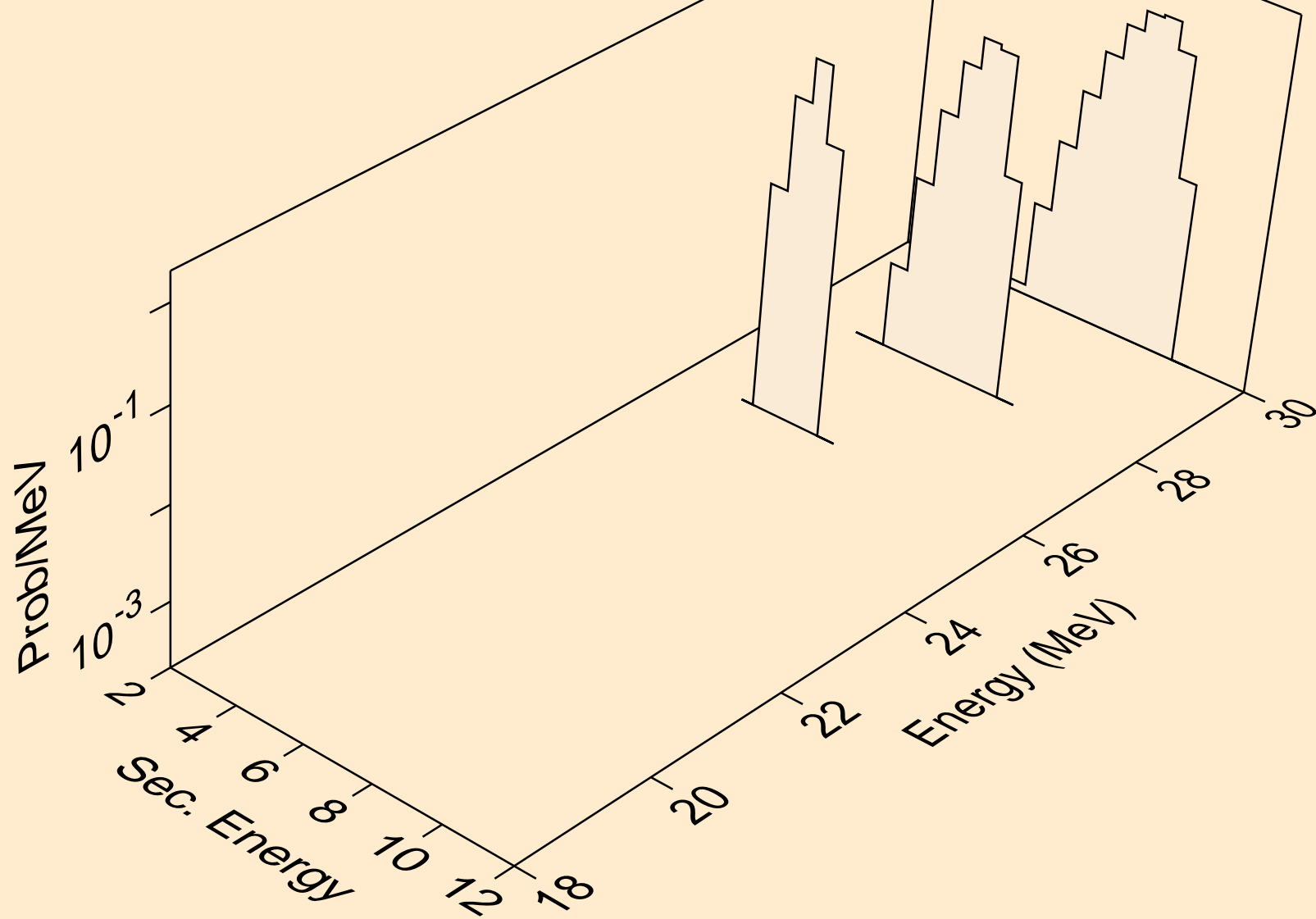
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n\*)a

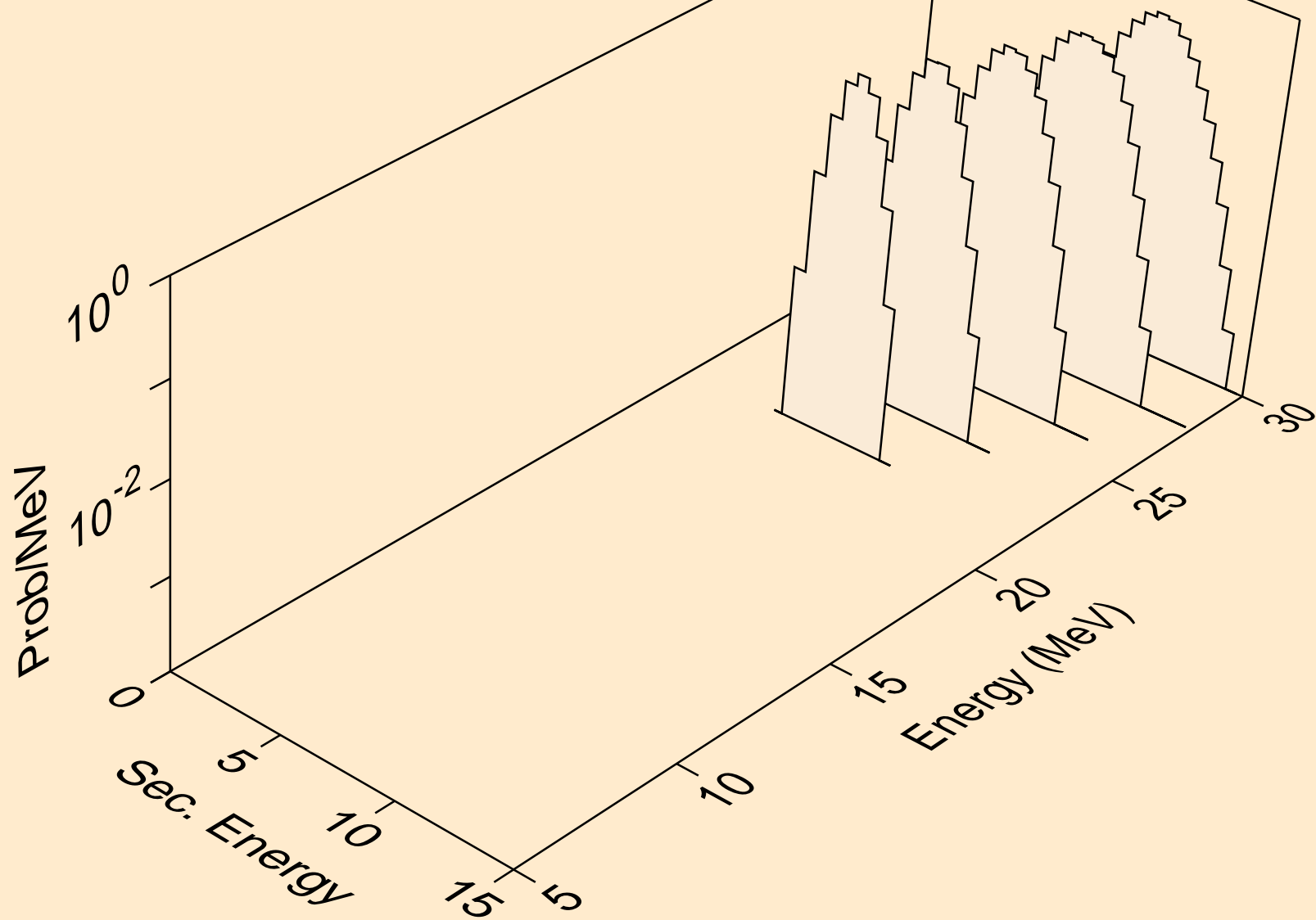


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

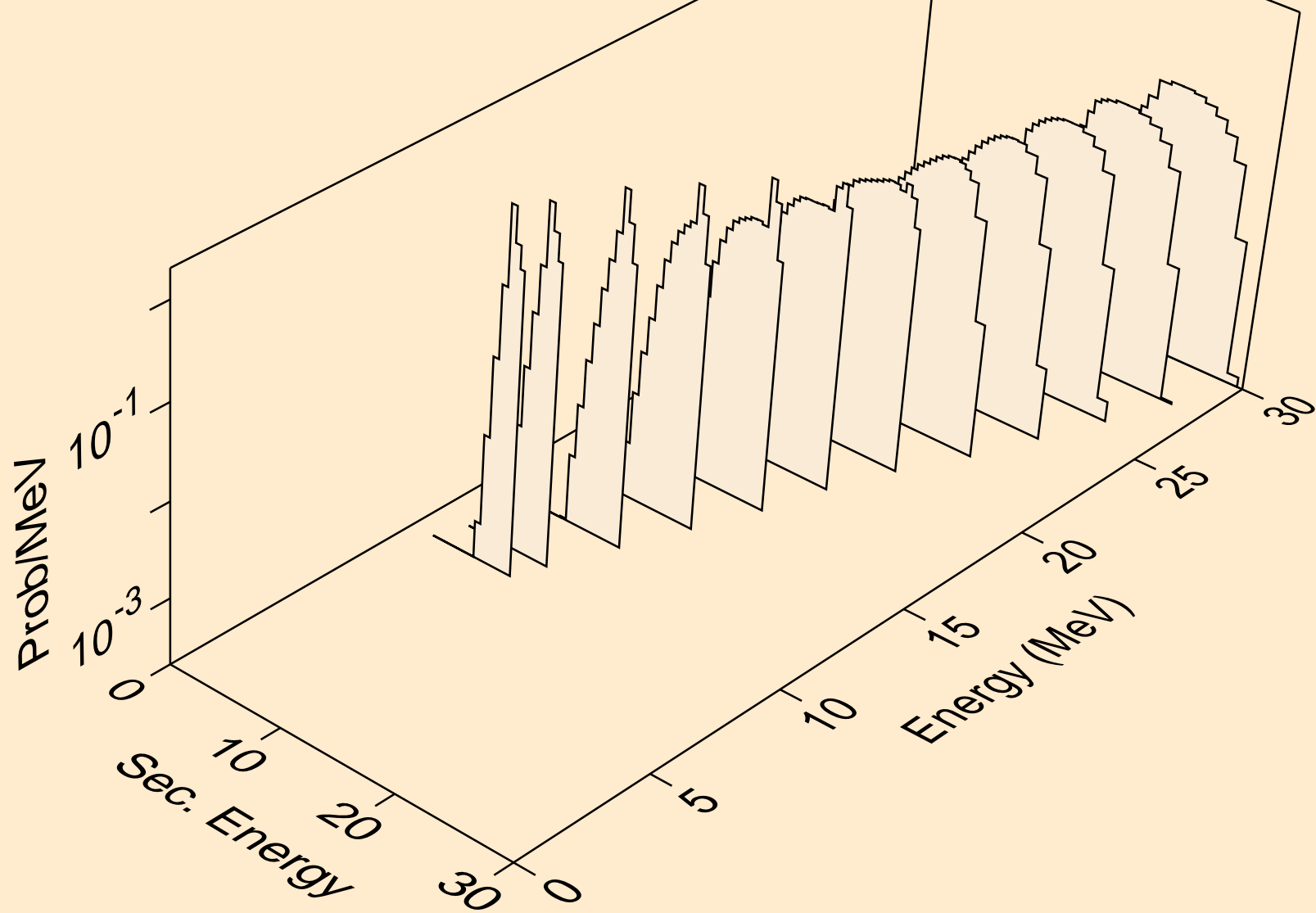
Alpha emission for (a,2n)a



LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a

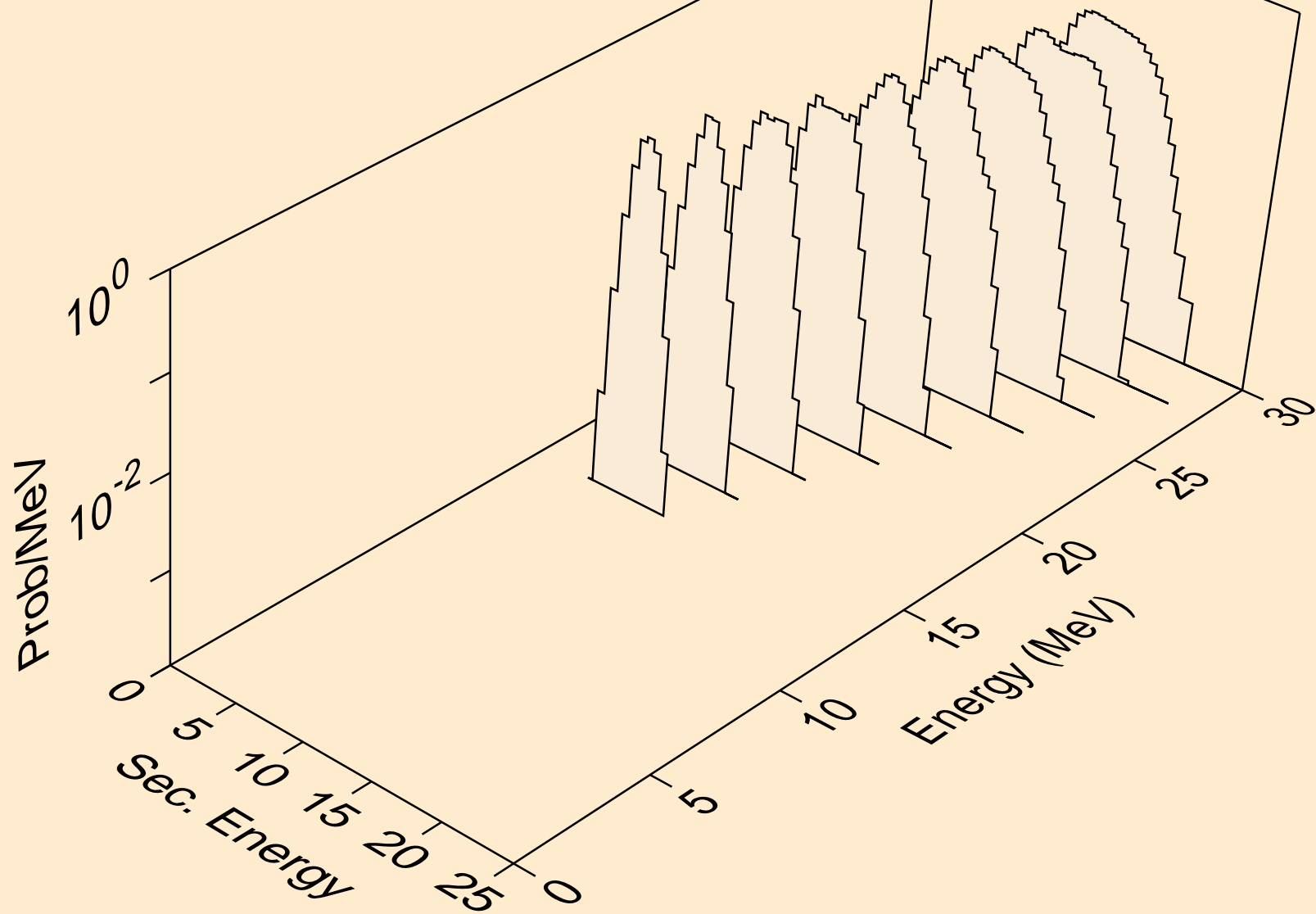


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



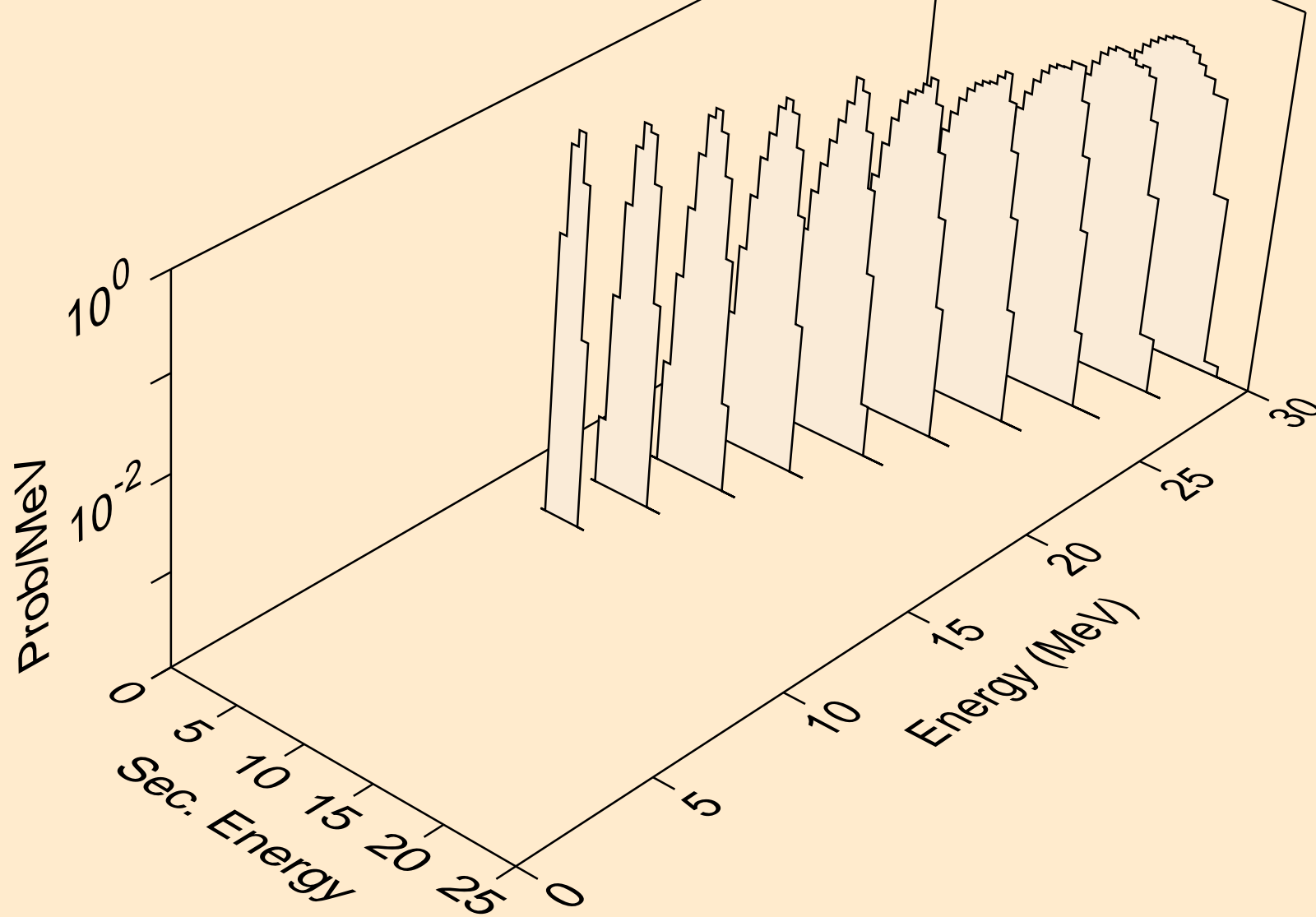
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2a)



# LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

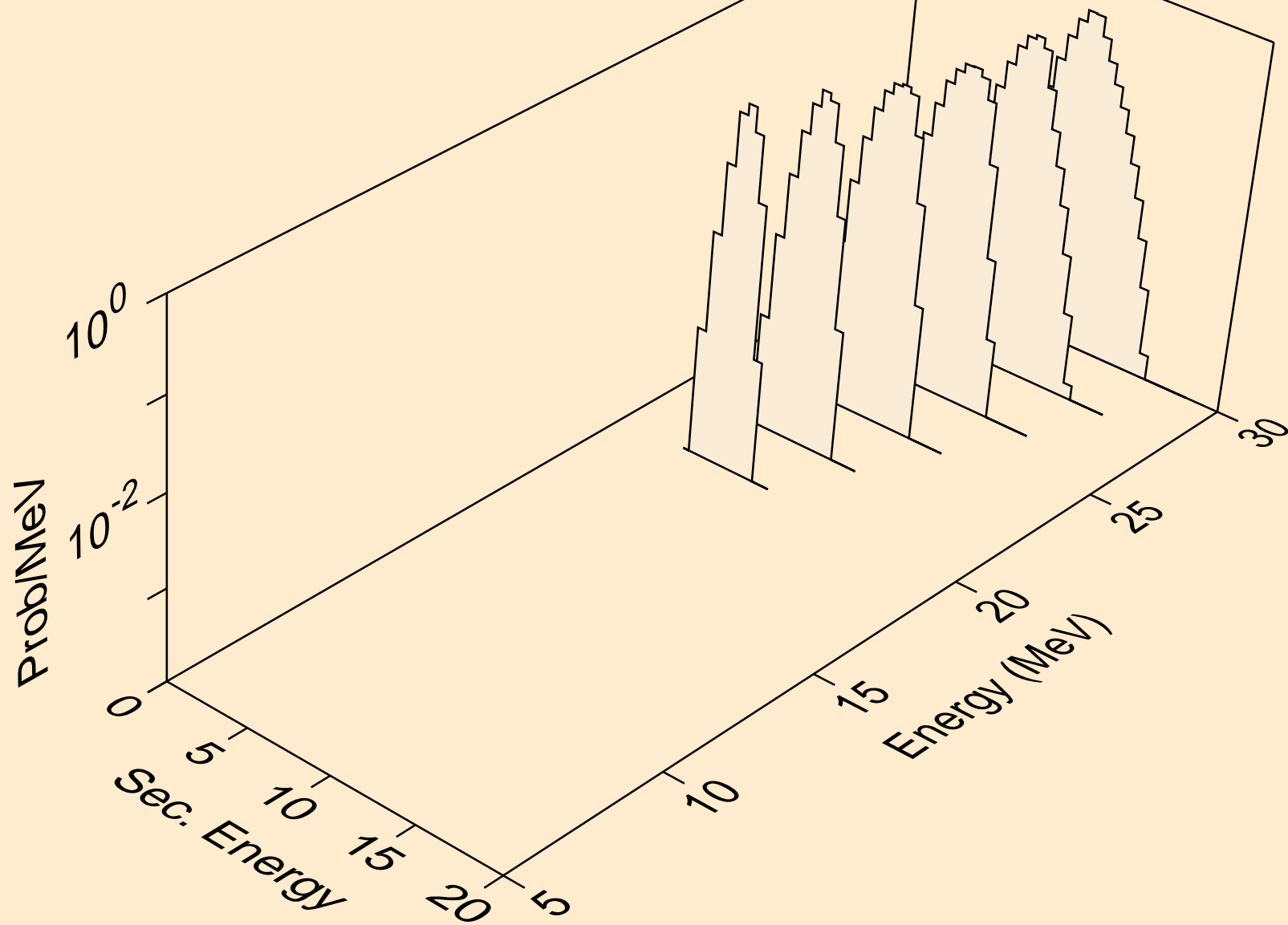
Alpha emission for (a,pa)



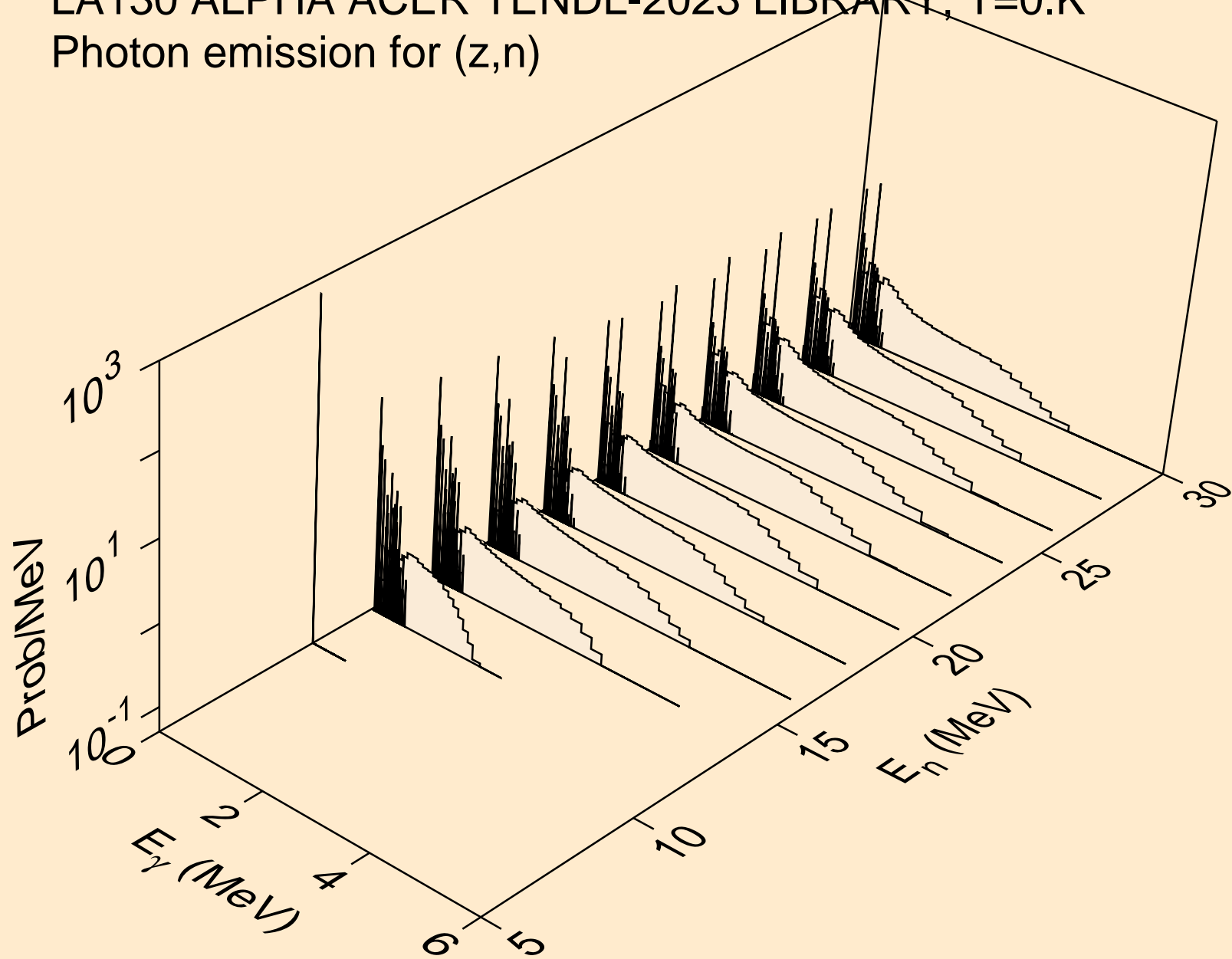


# LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,da)

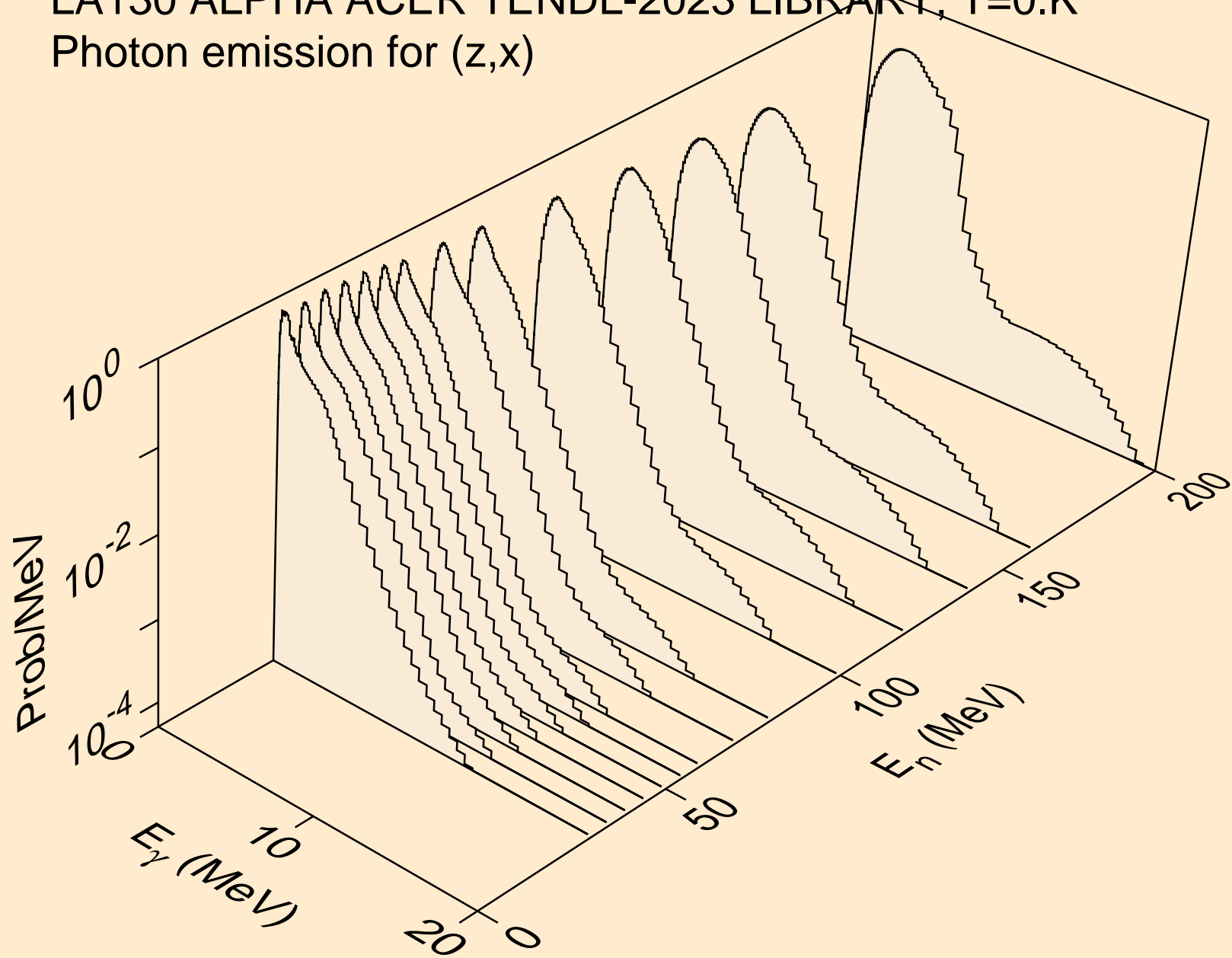


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

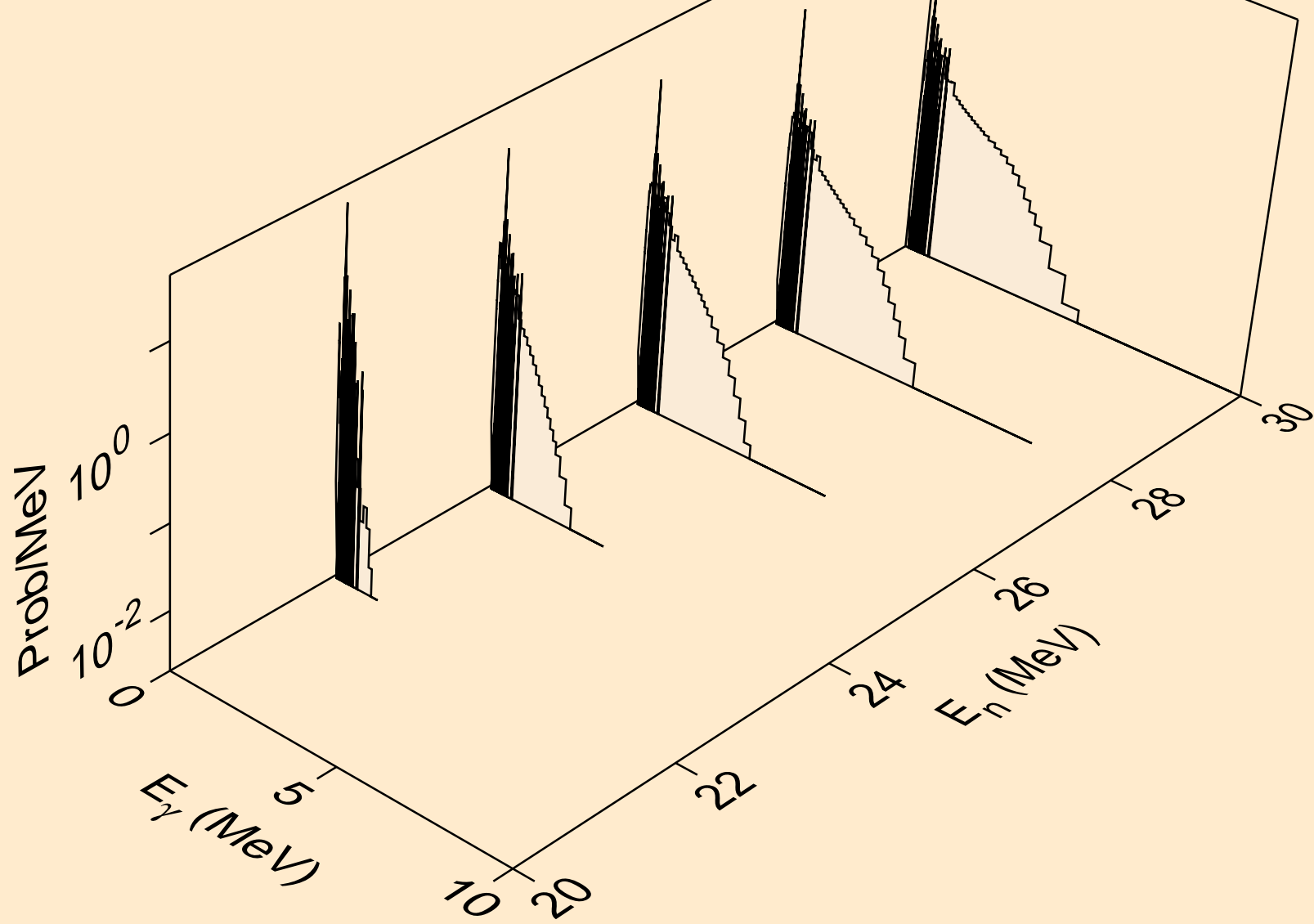


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

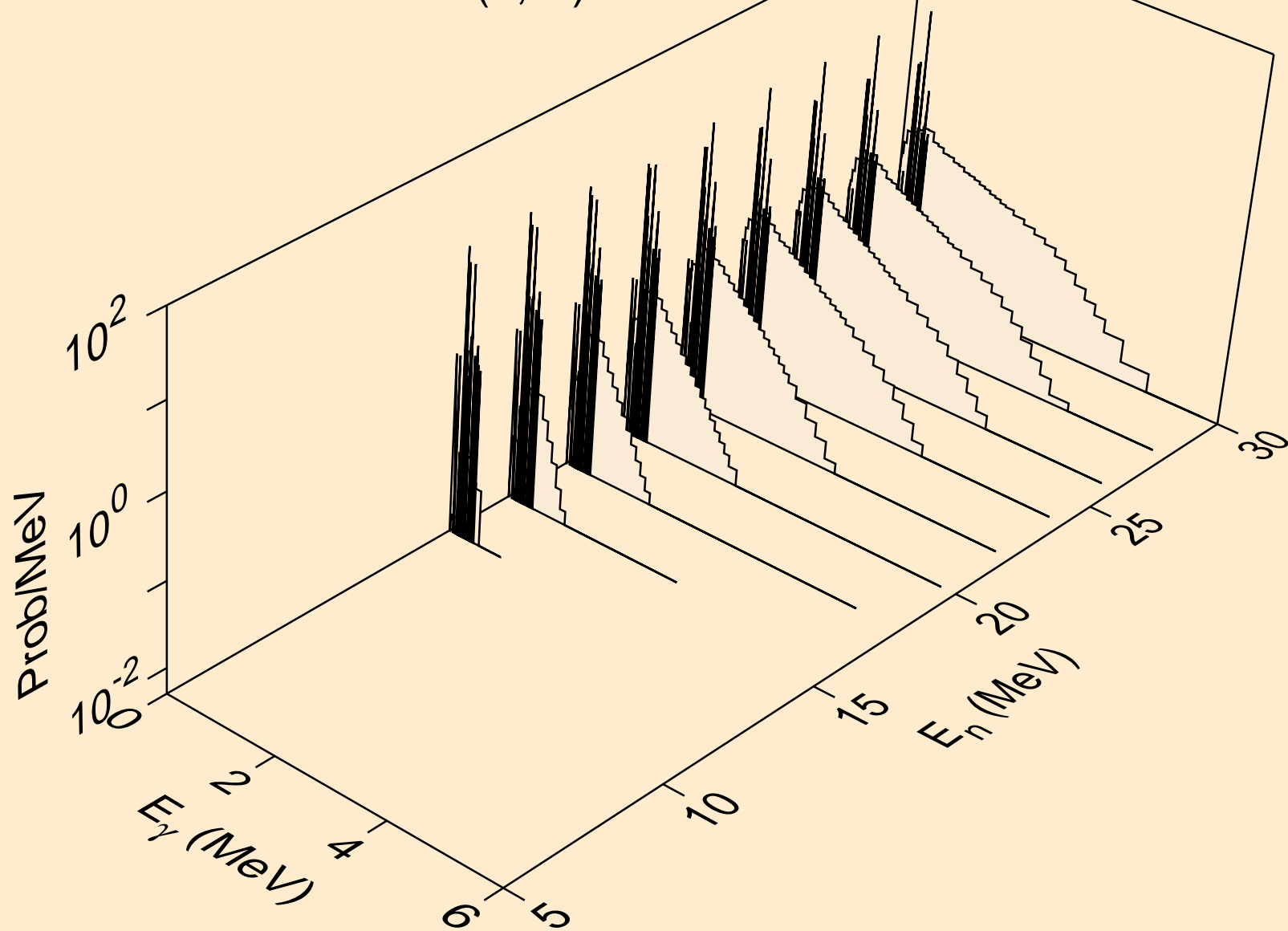
Photon emission for (z,x)



LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

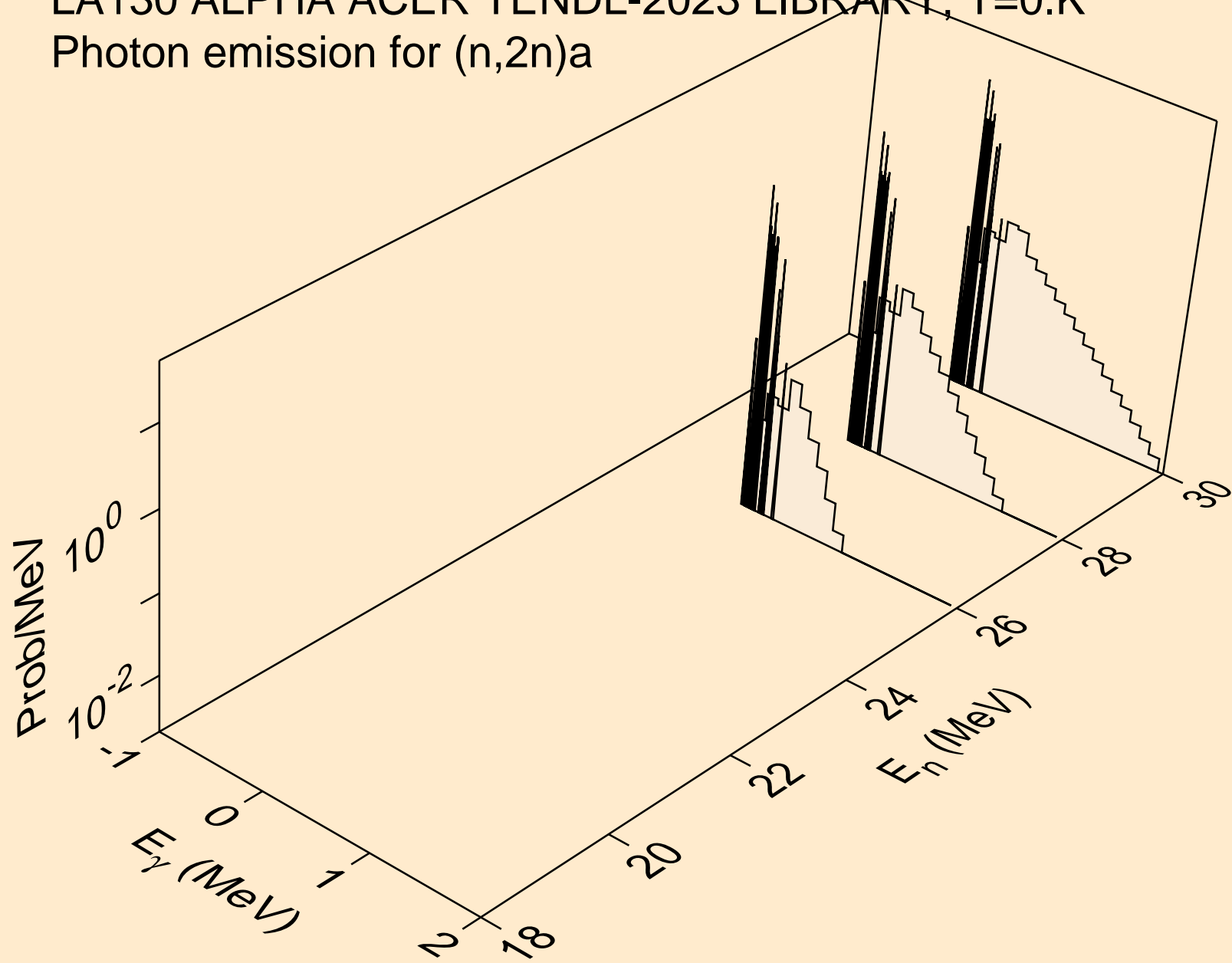


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

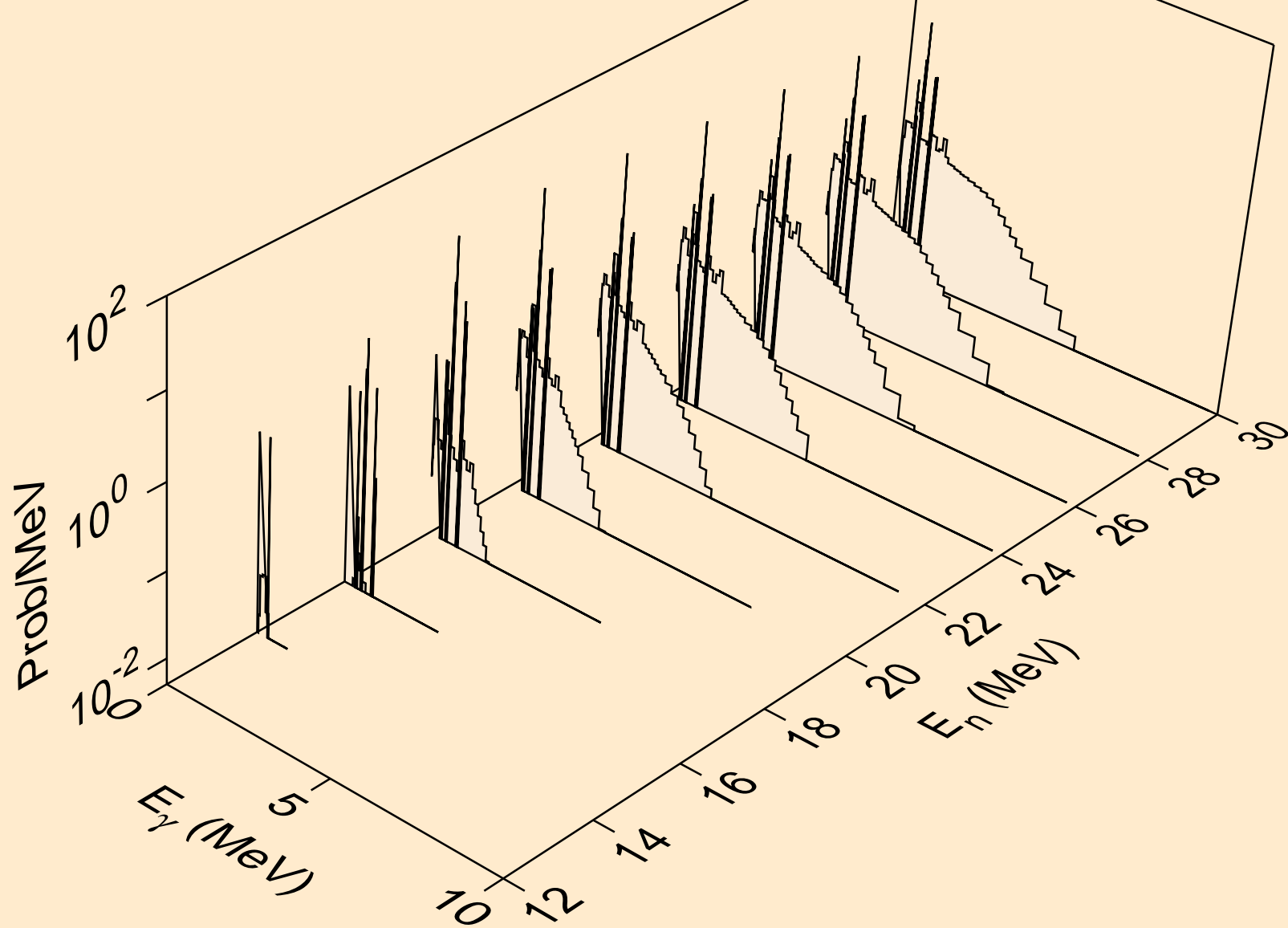


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

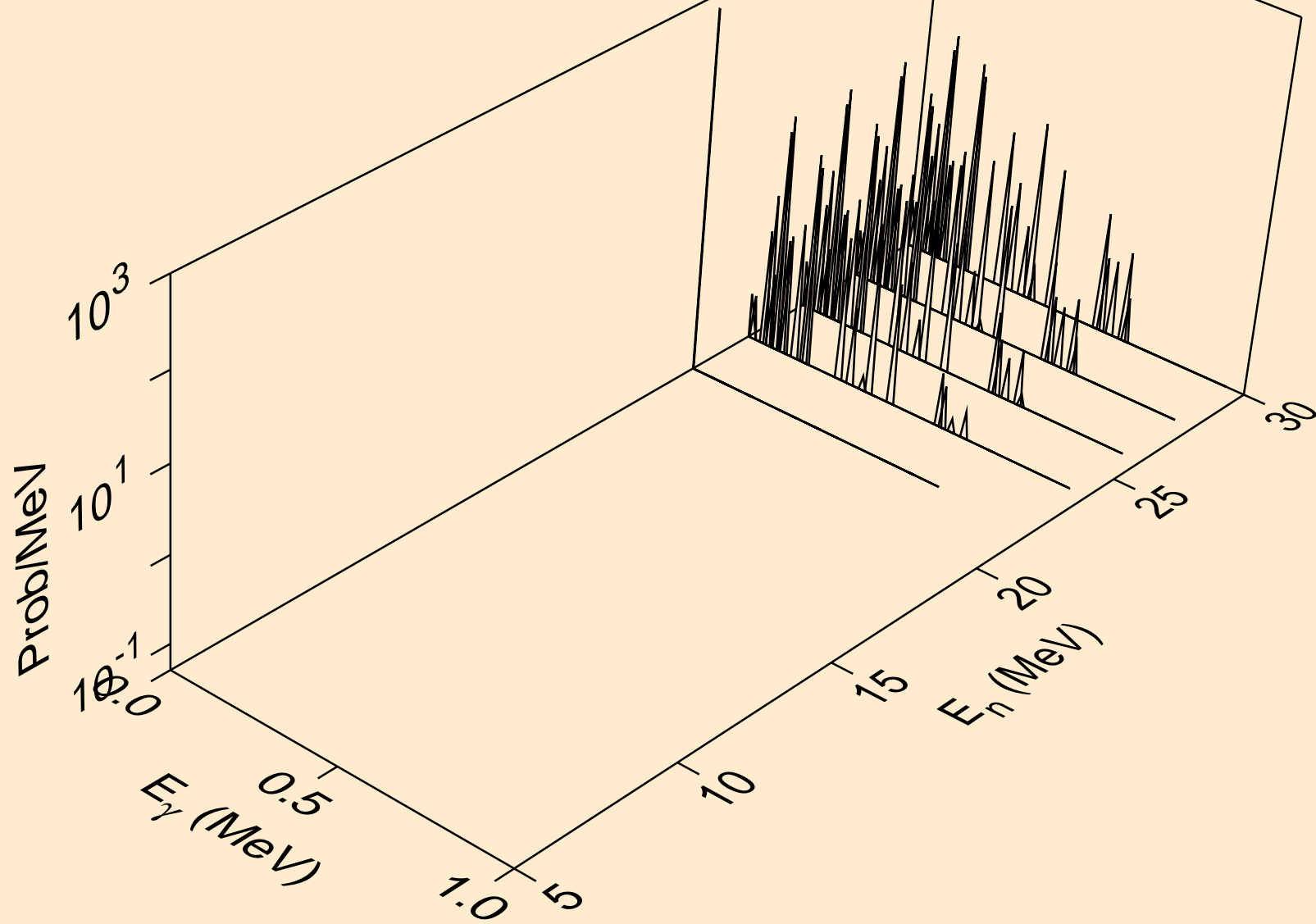
Photon emission for (n,2n) $\alpha$



LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



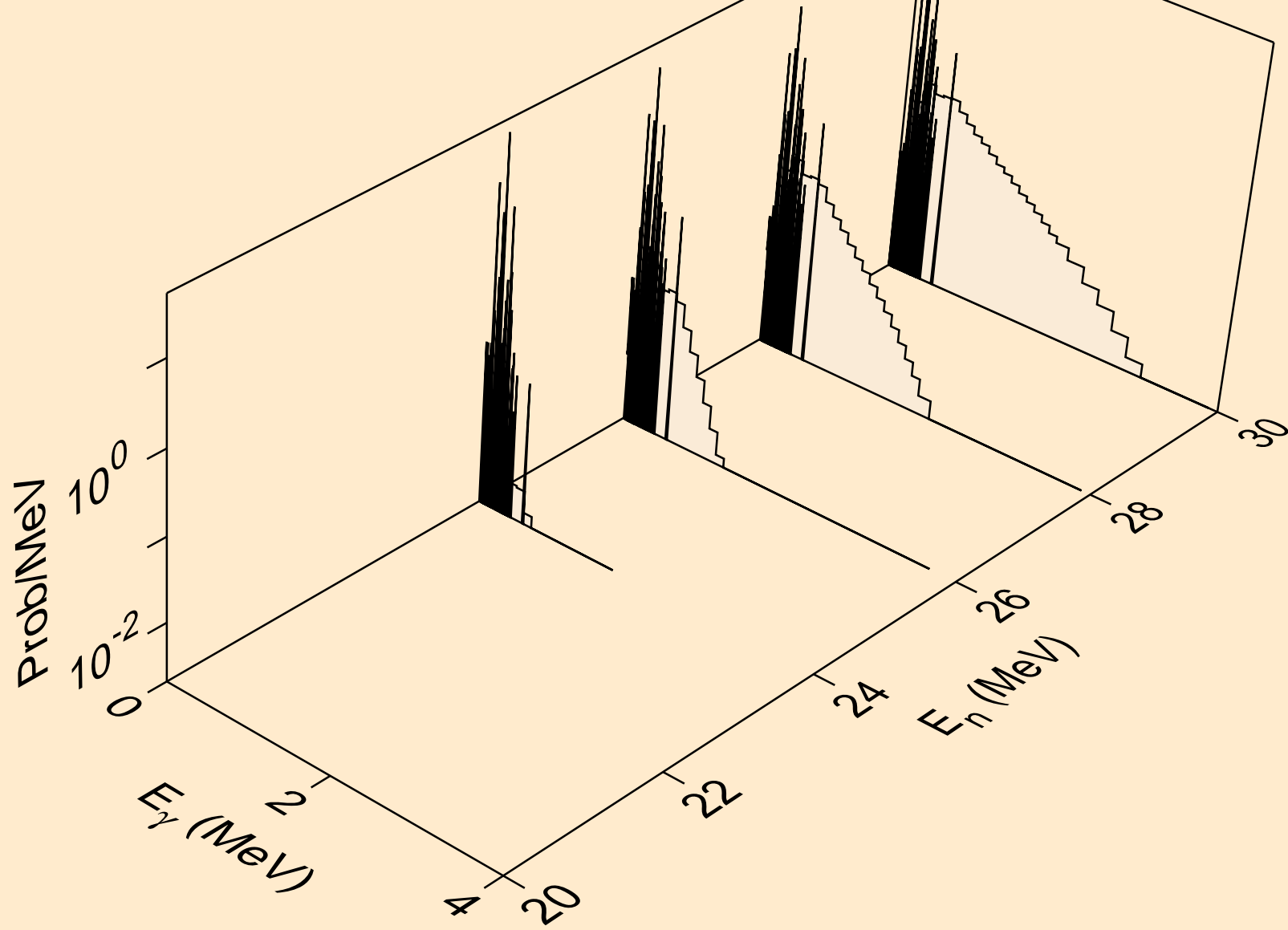
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



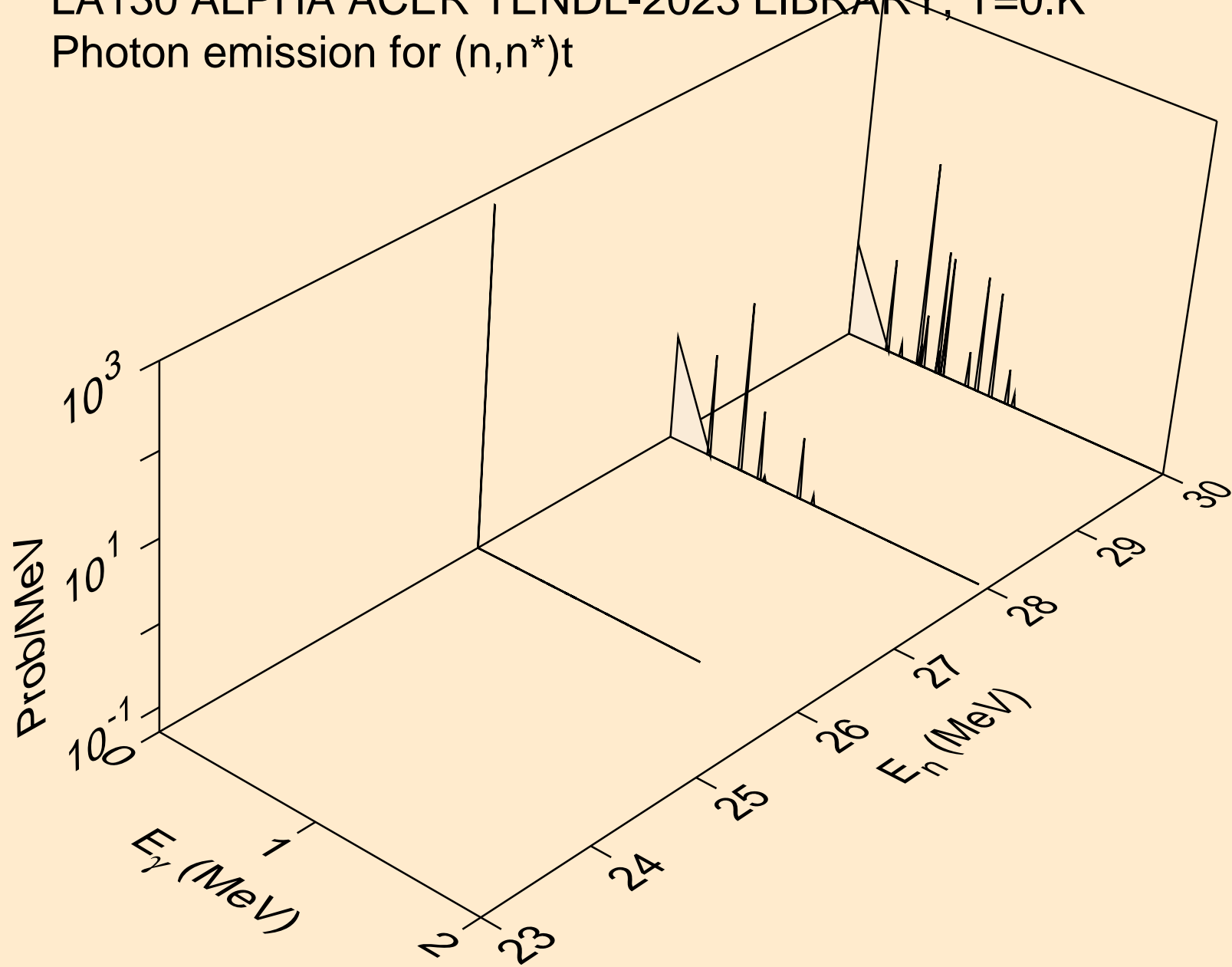


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

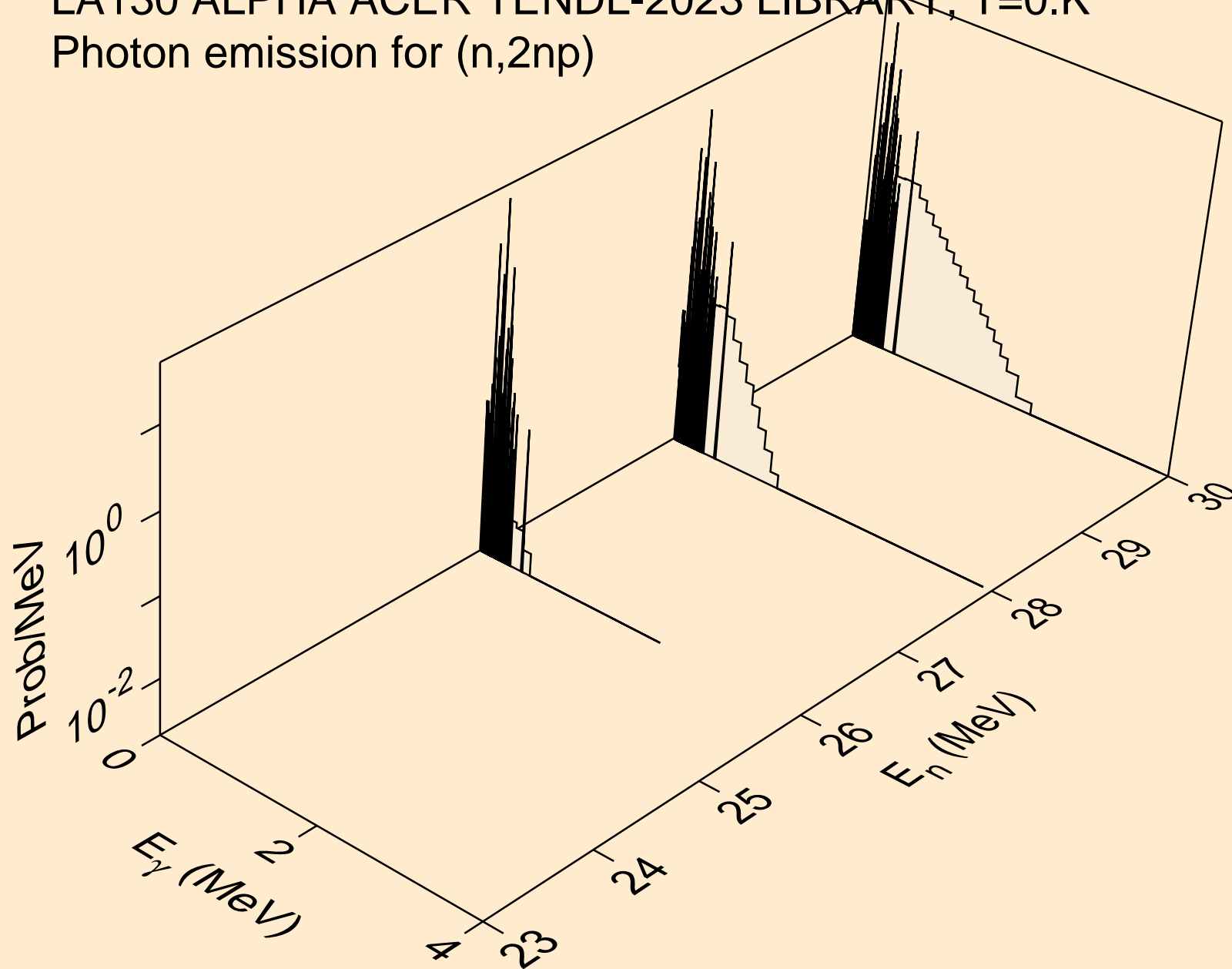
Photon emission for (n,n\*)d



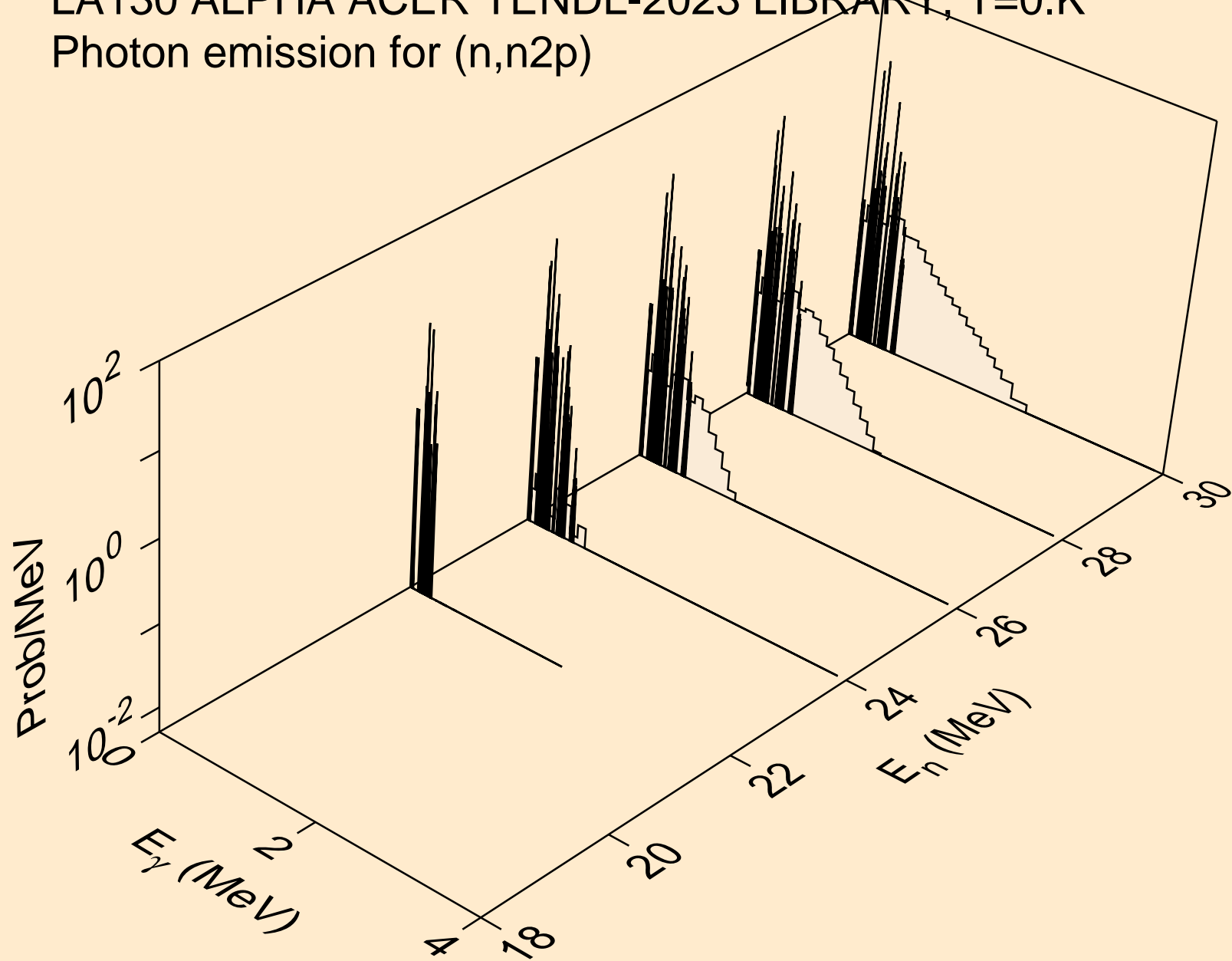
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



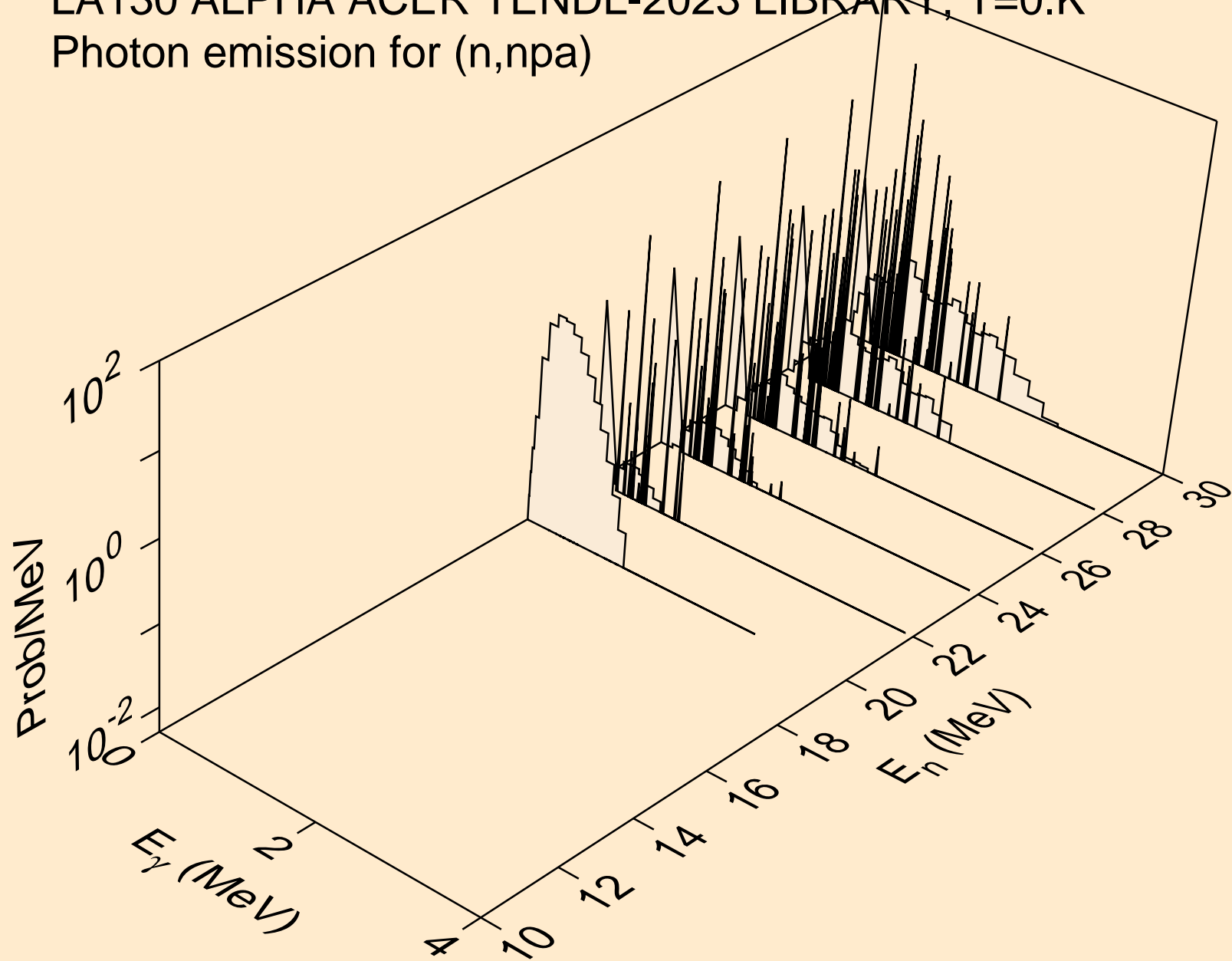
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



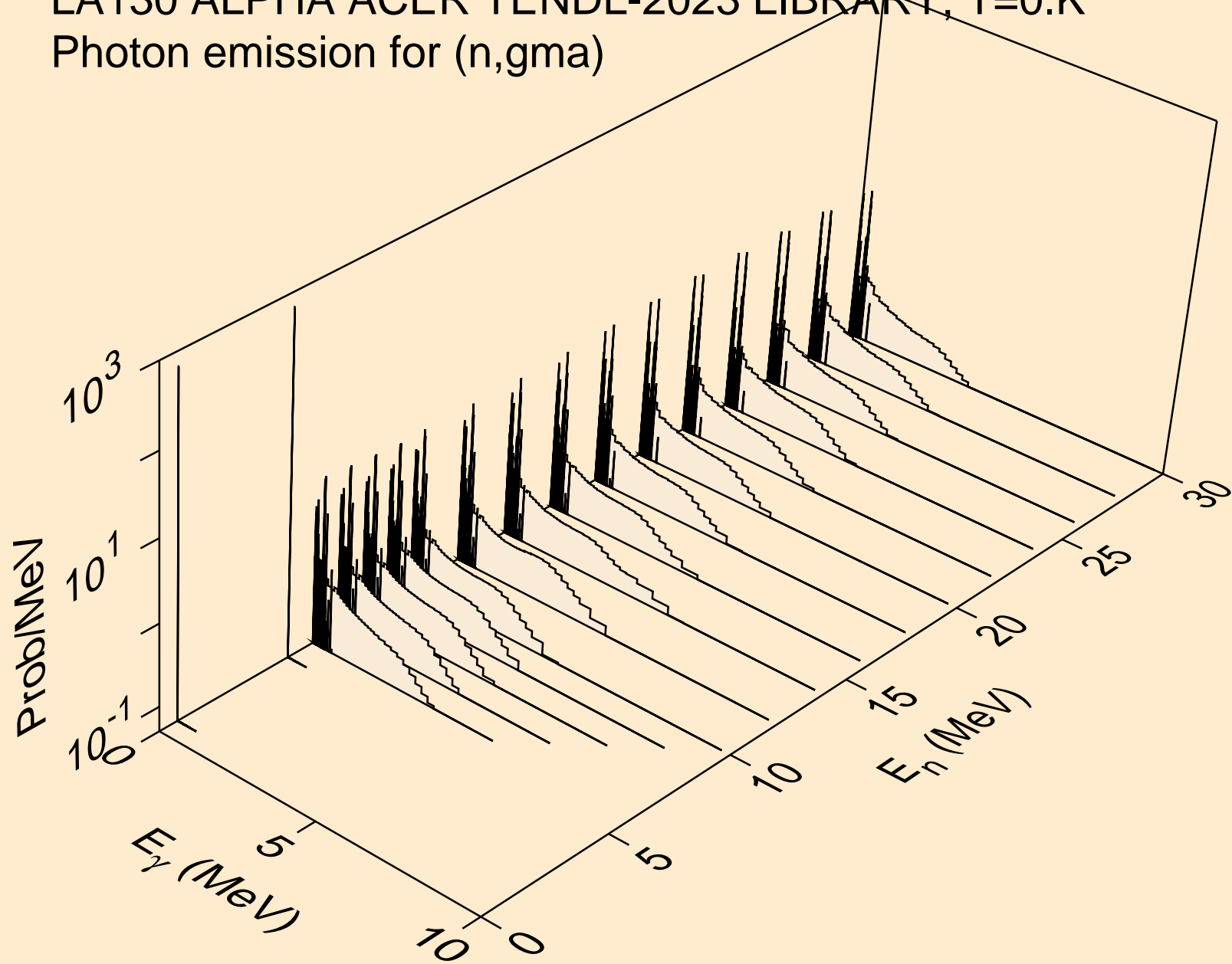
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



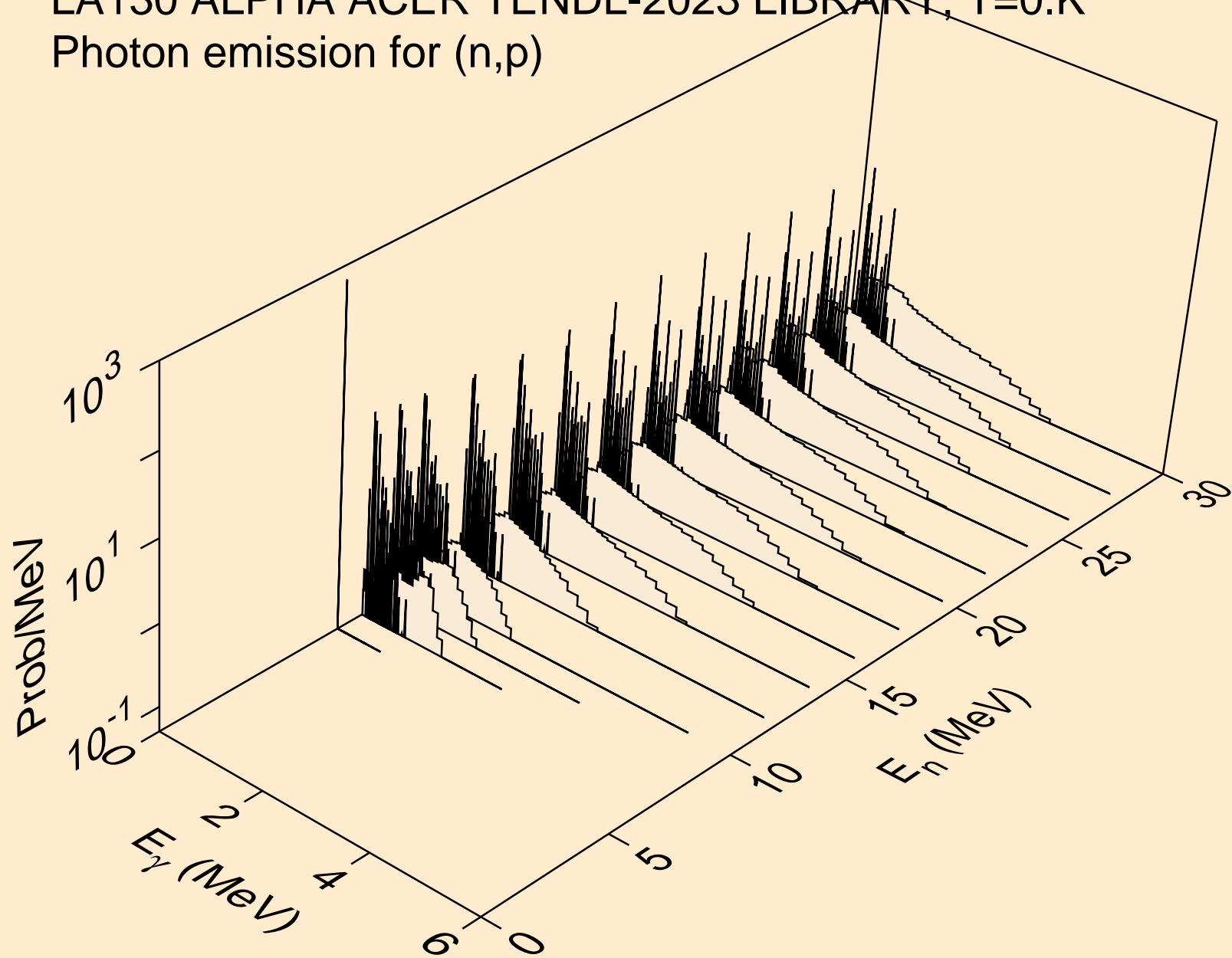
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



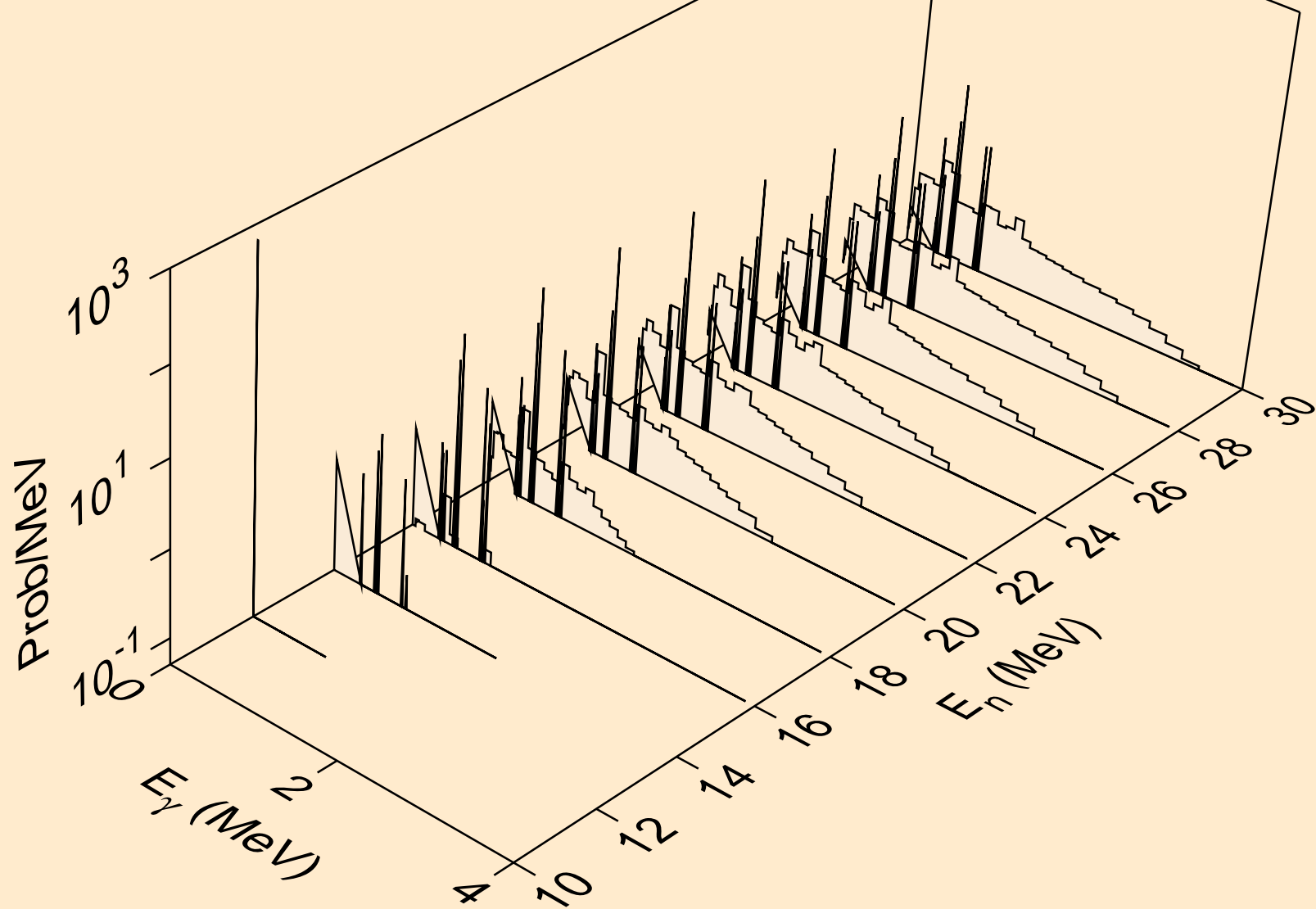
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



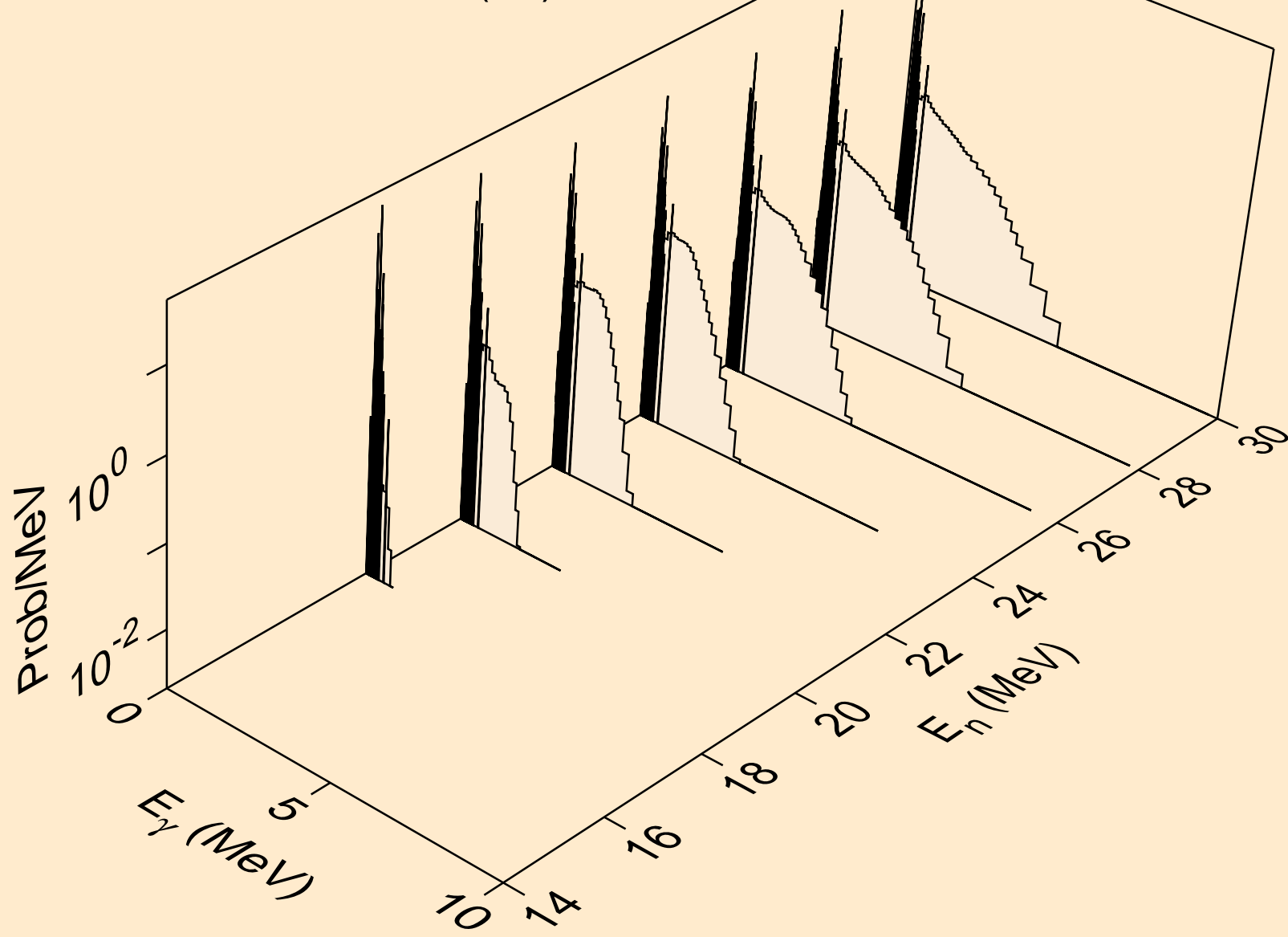
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



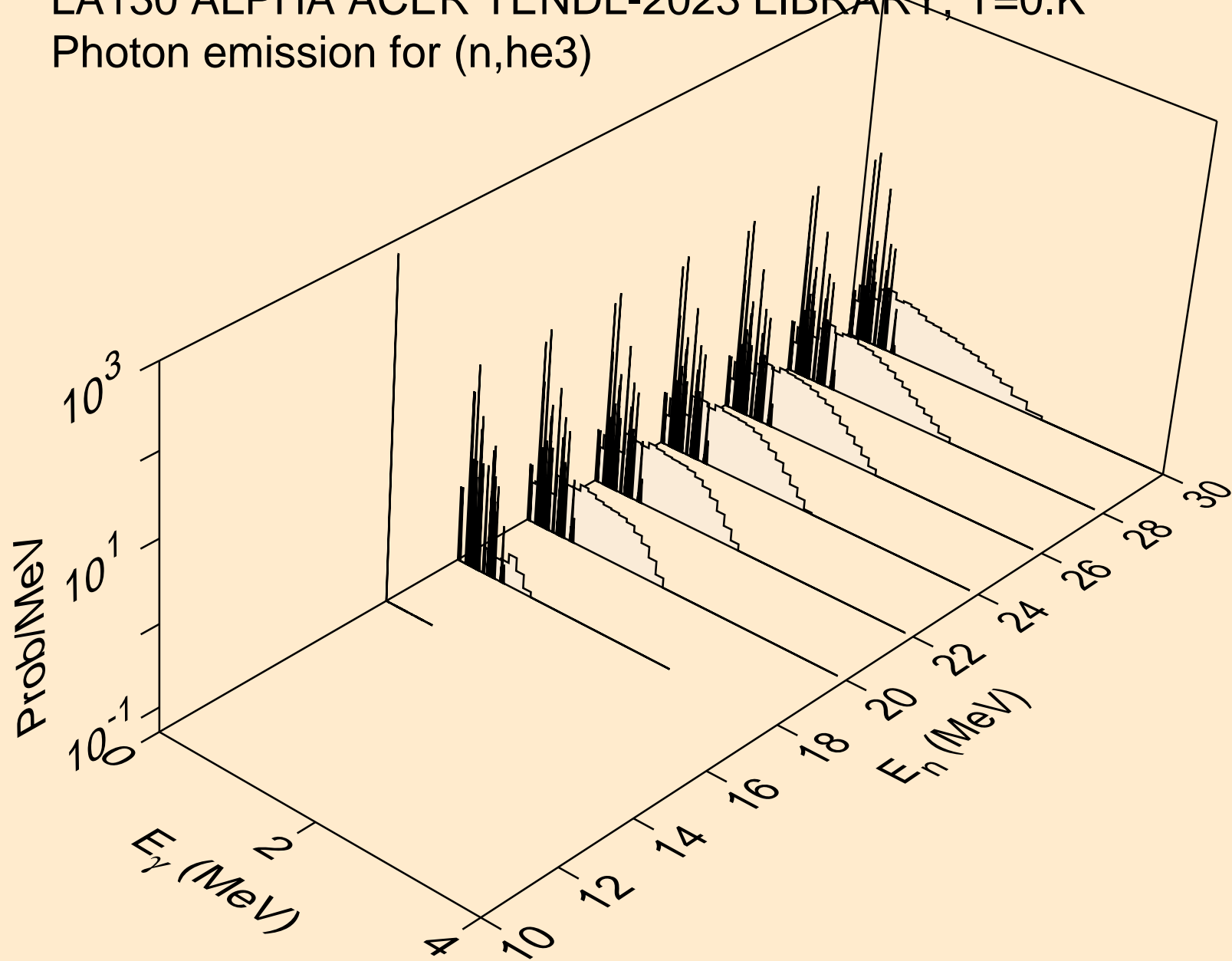


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

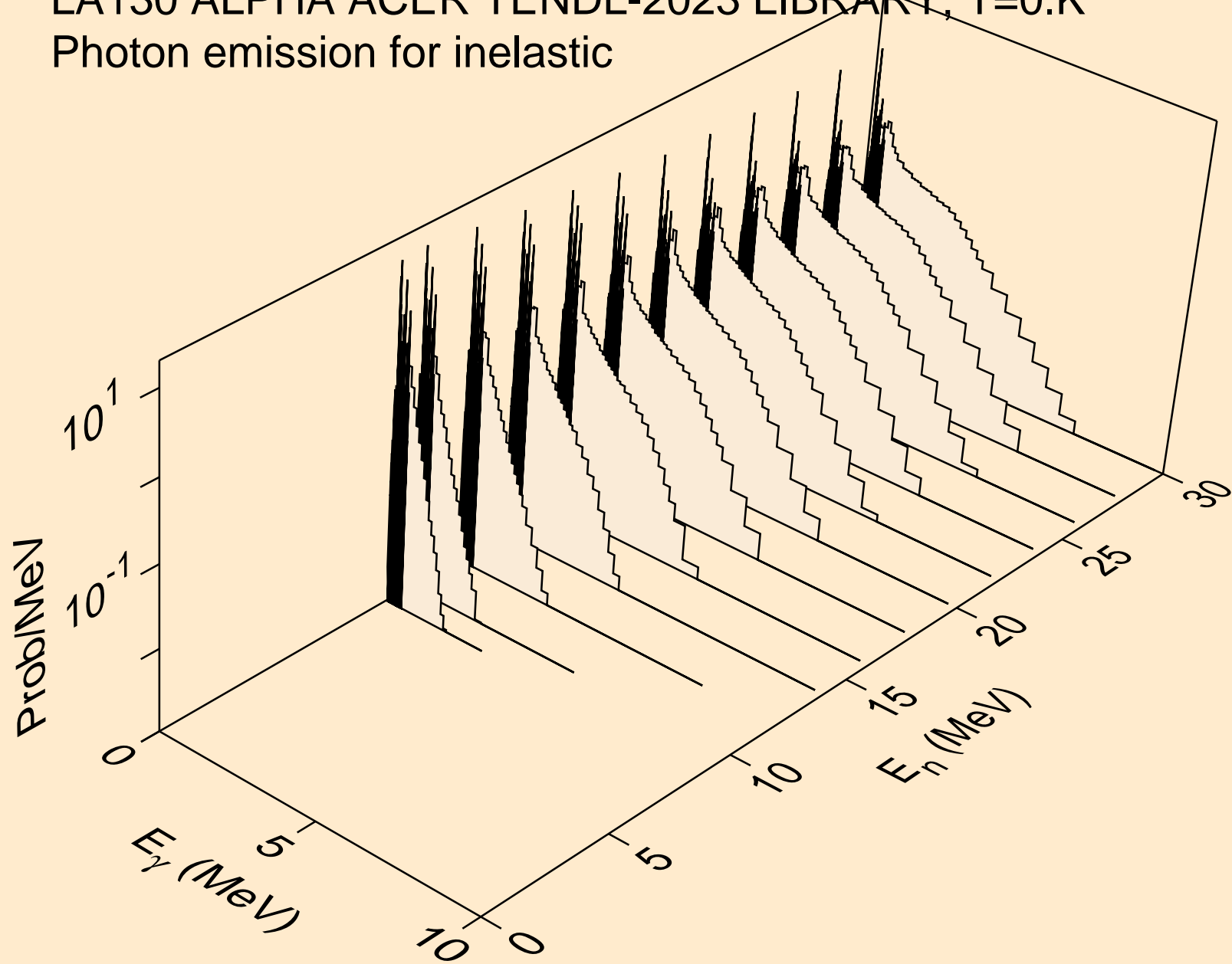
Photon emission for (n,t)



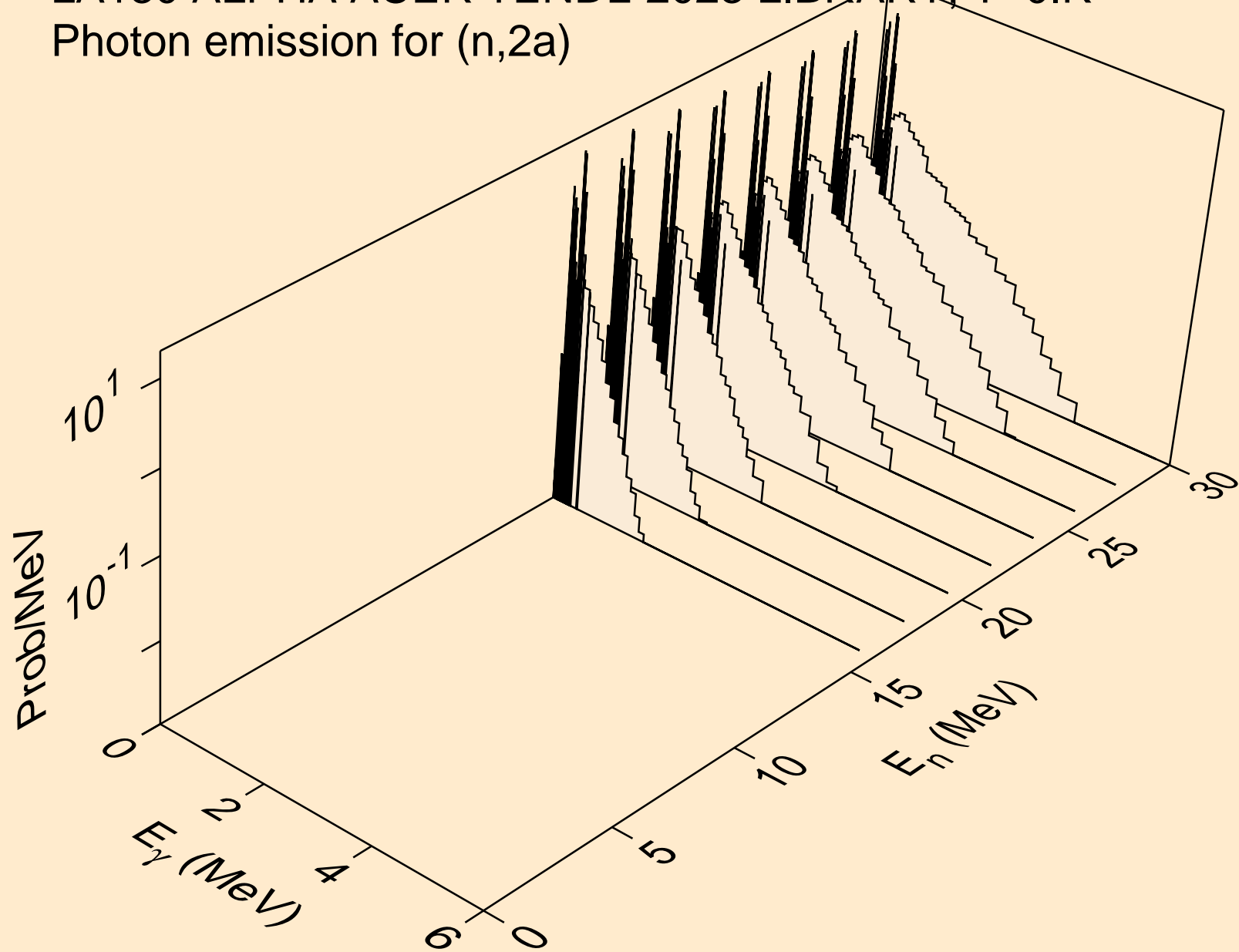
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



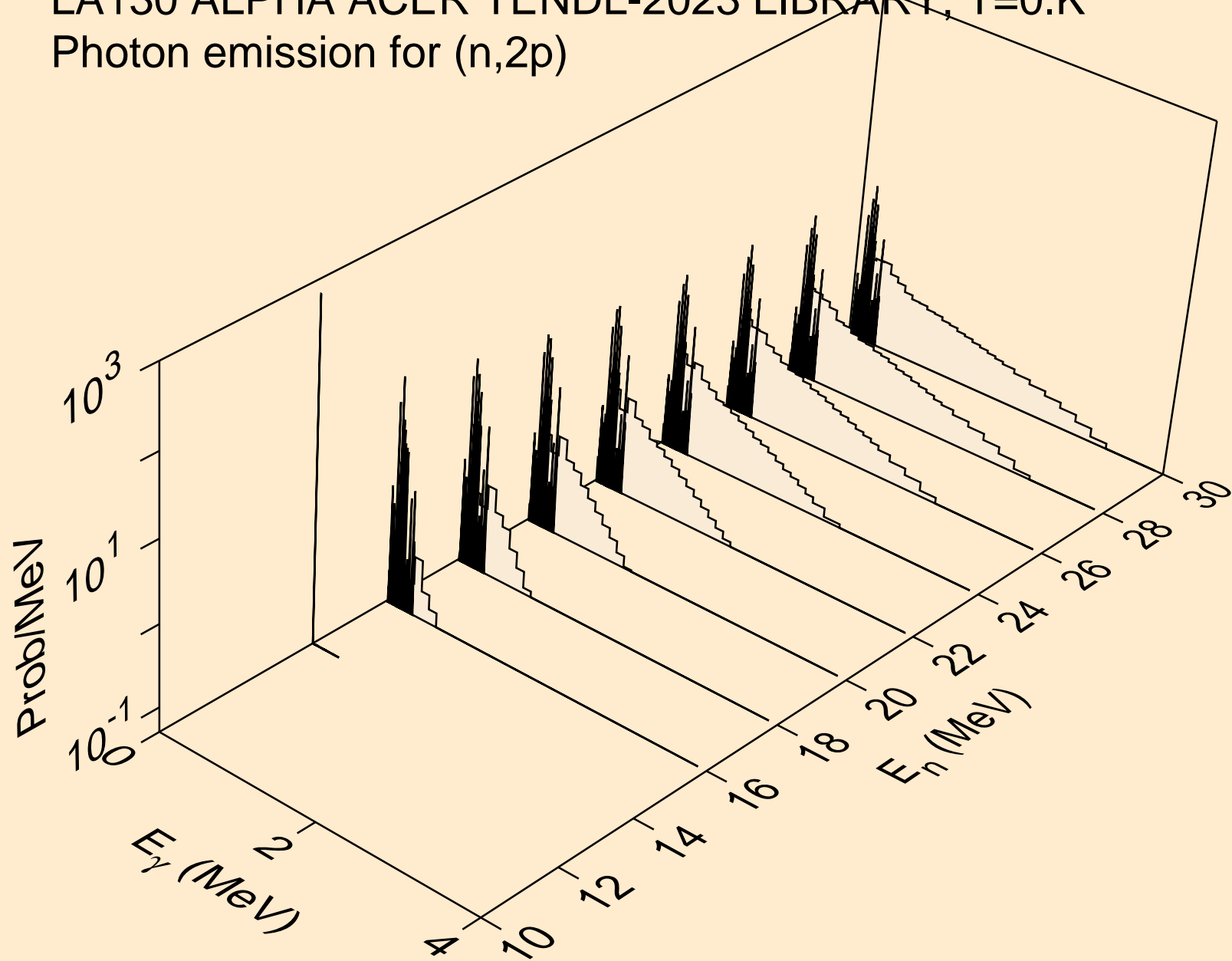
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



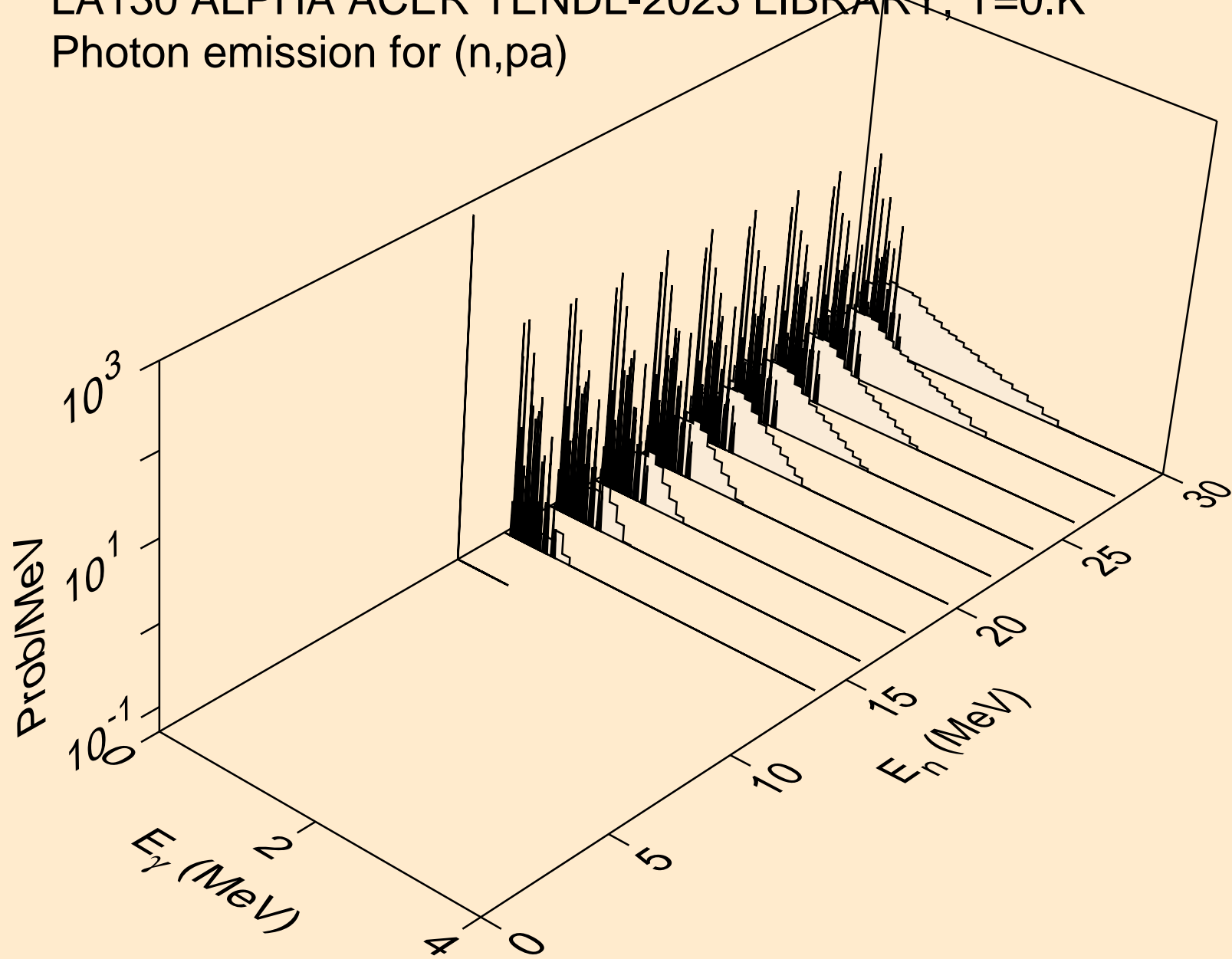
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



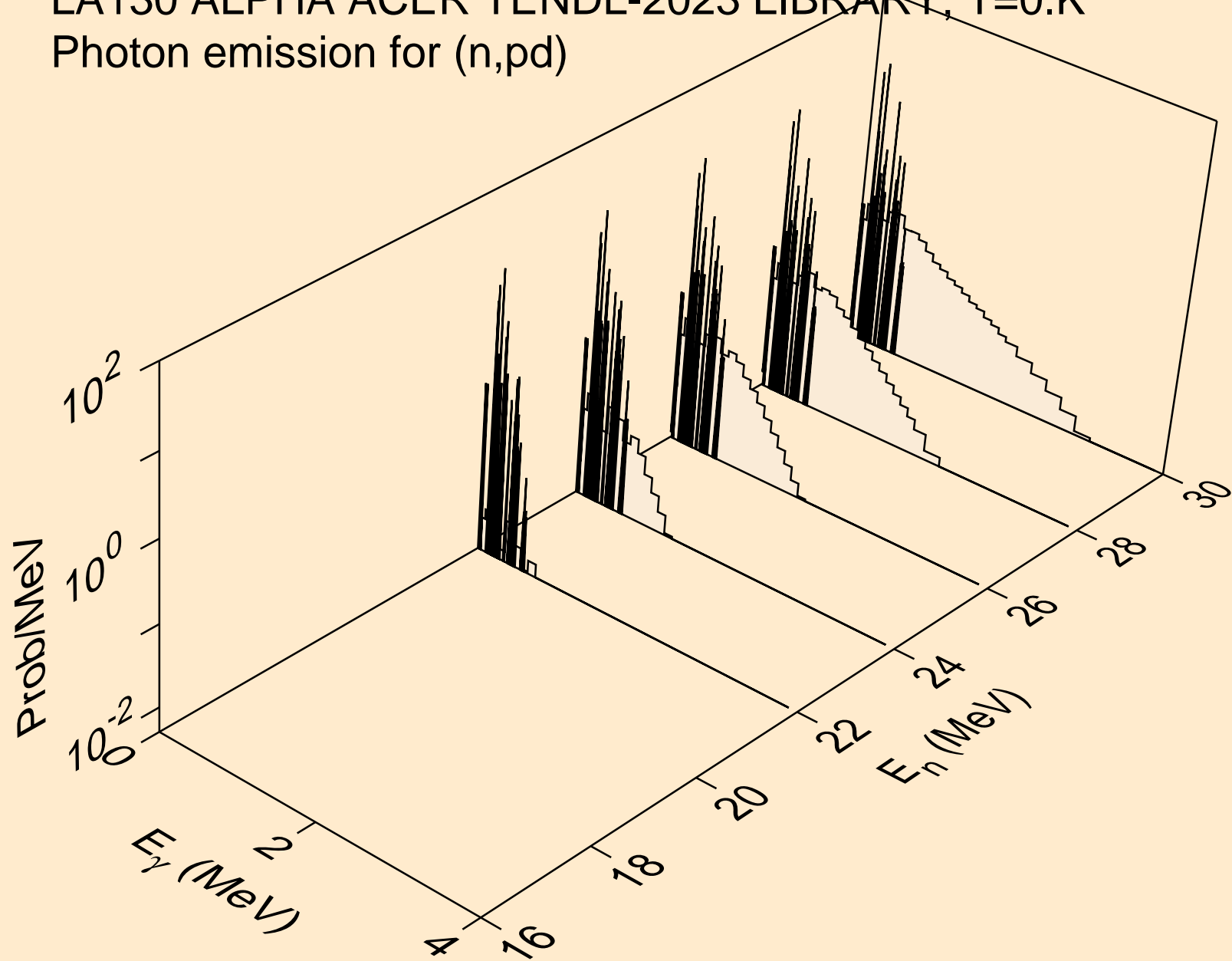
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Photon emission for (n,2p)



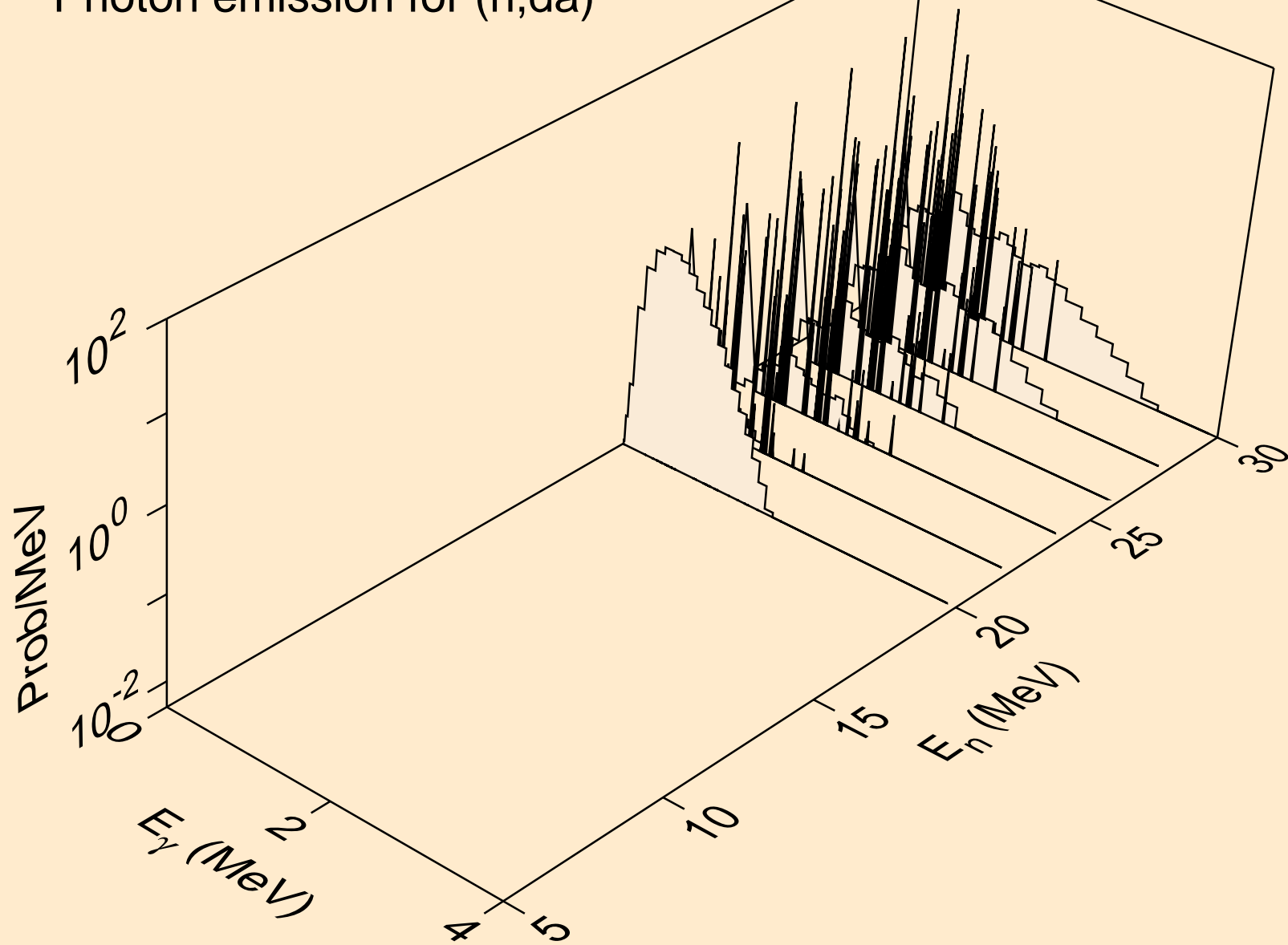
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

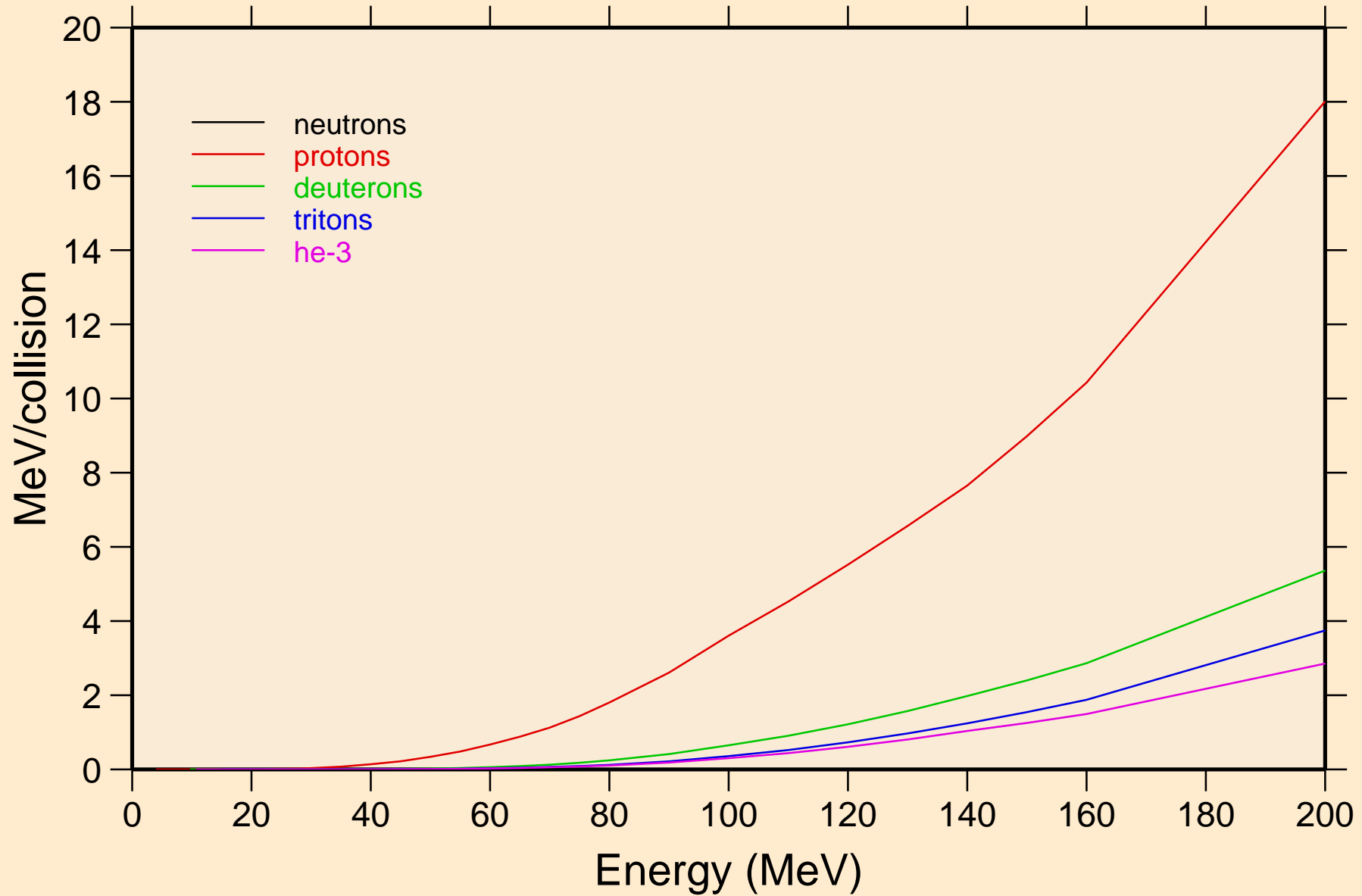


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

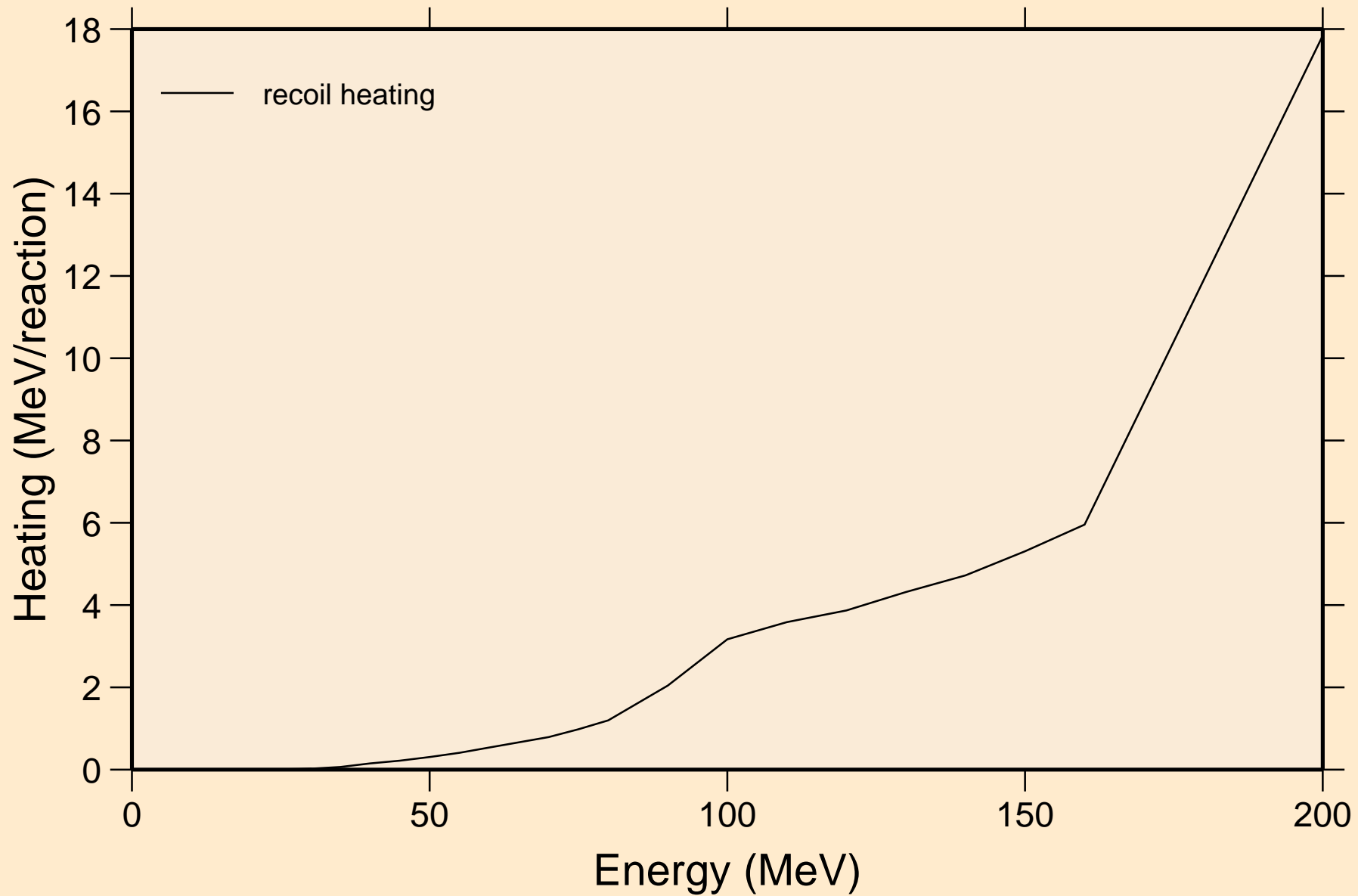




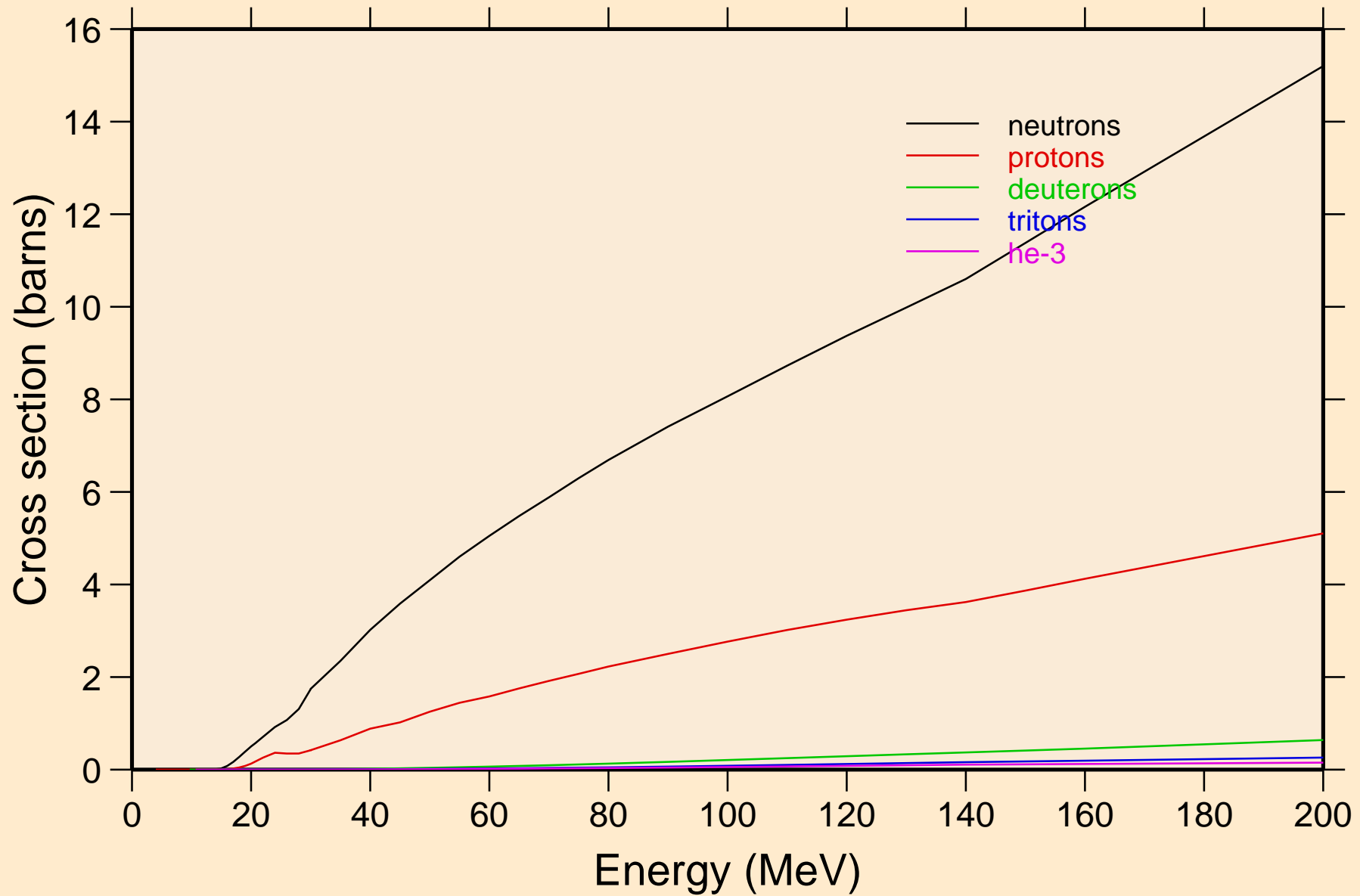
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



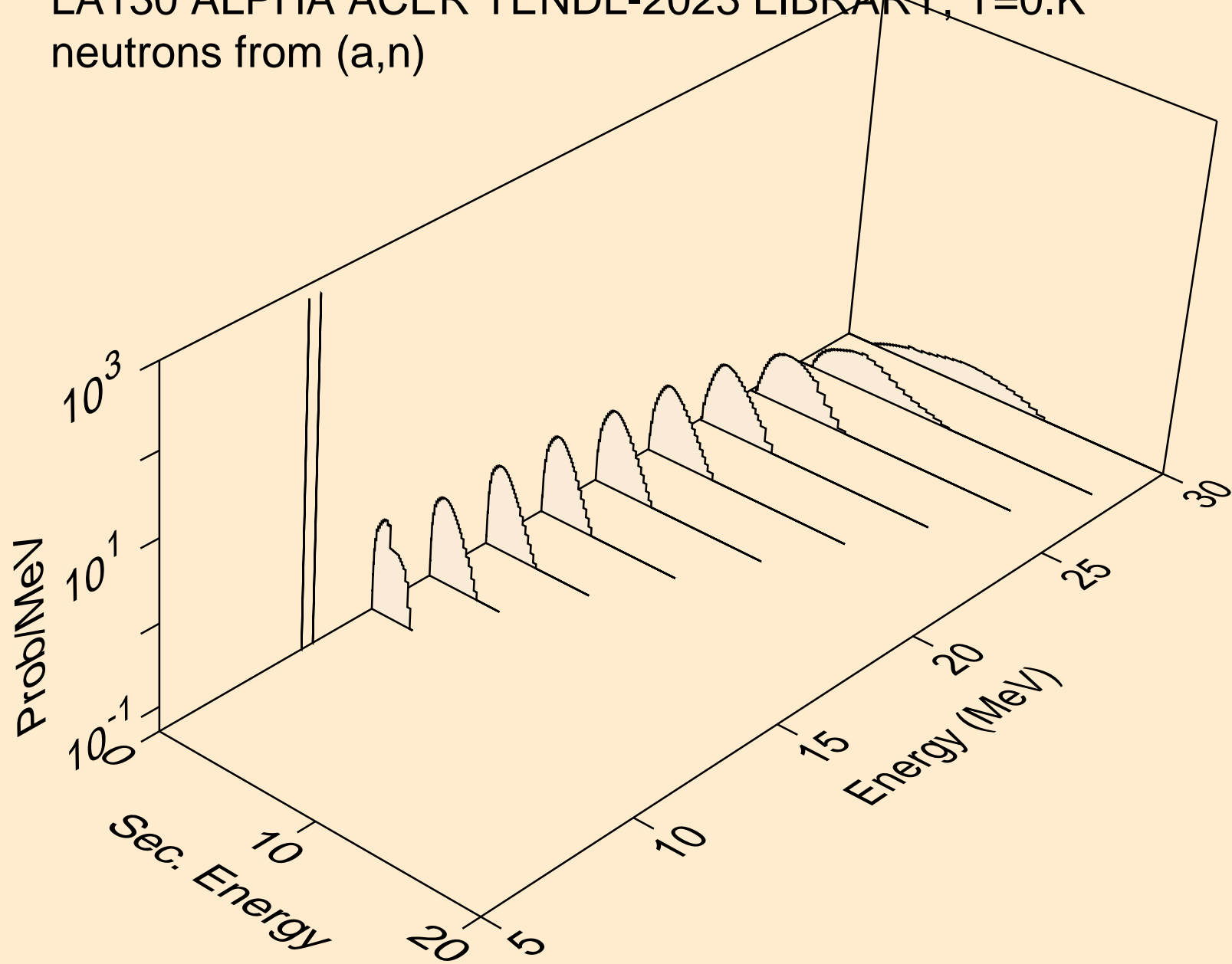
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



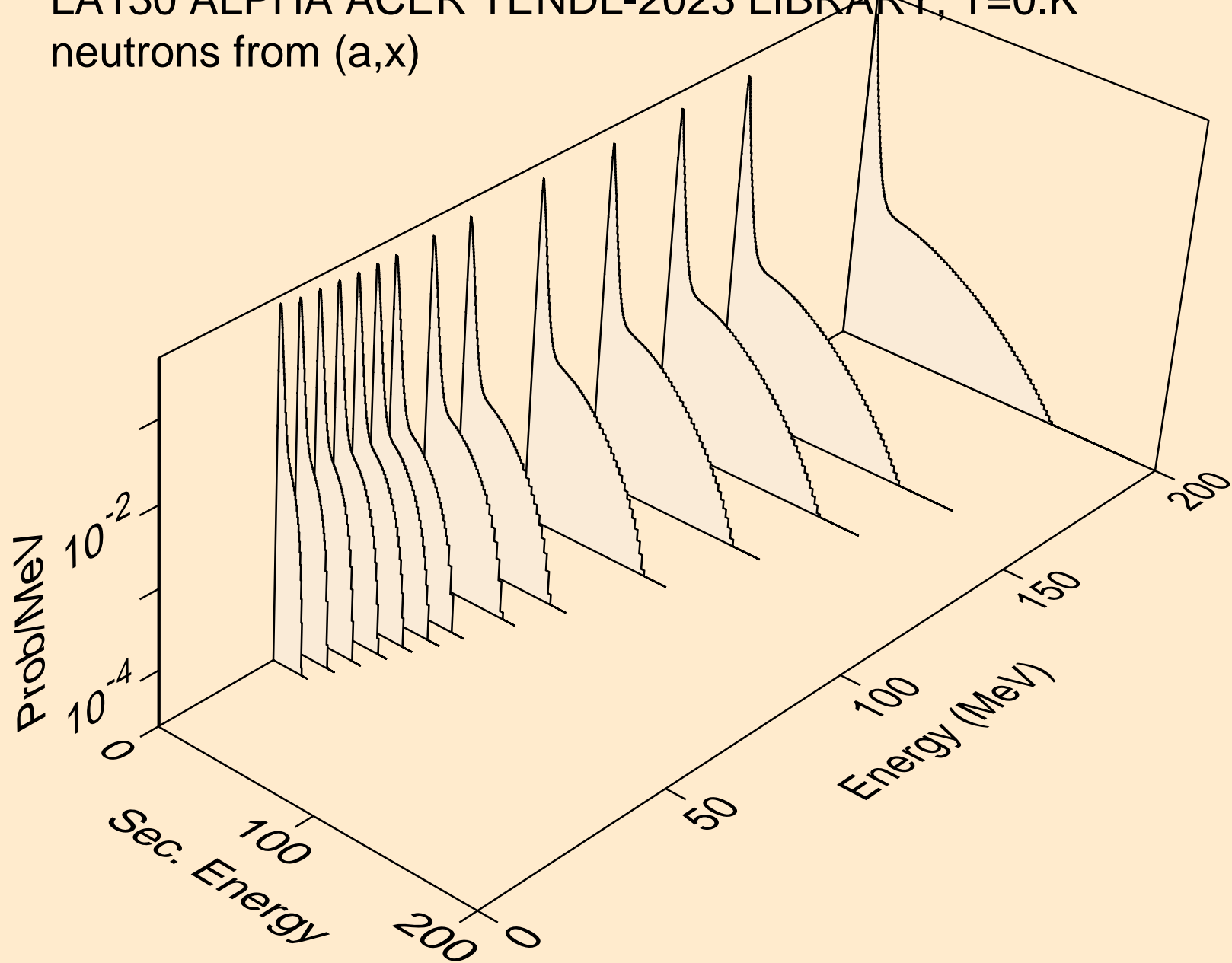
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



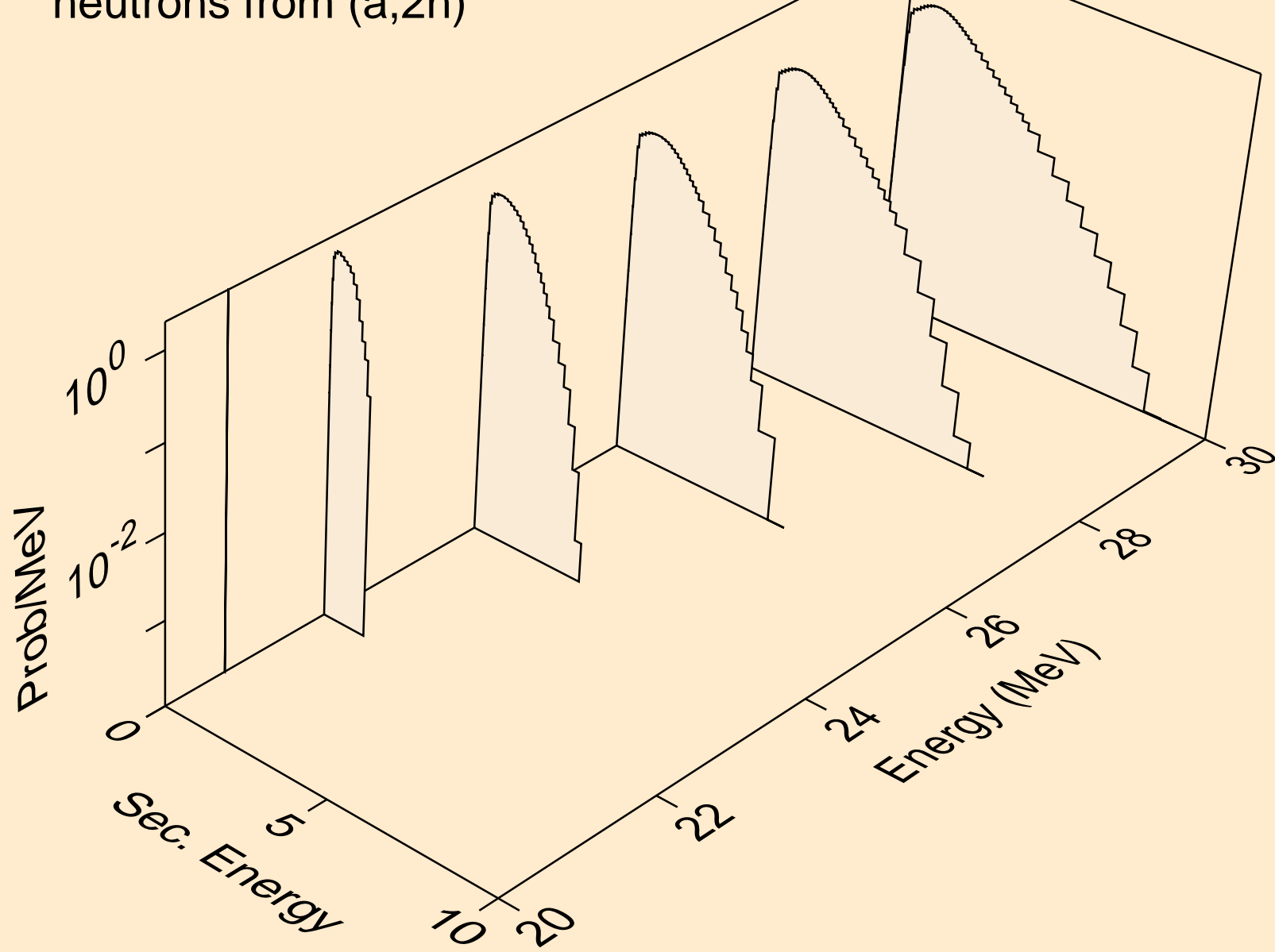
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



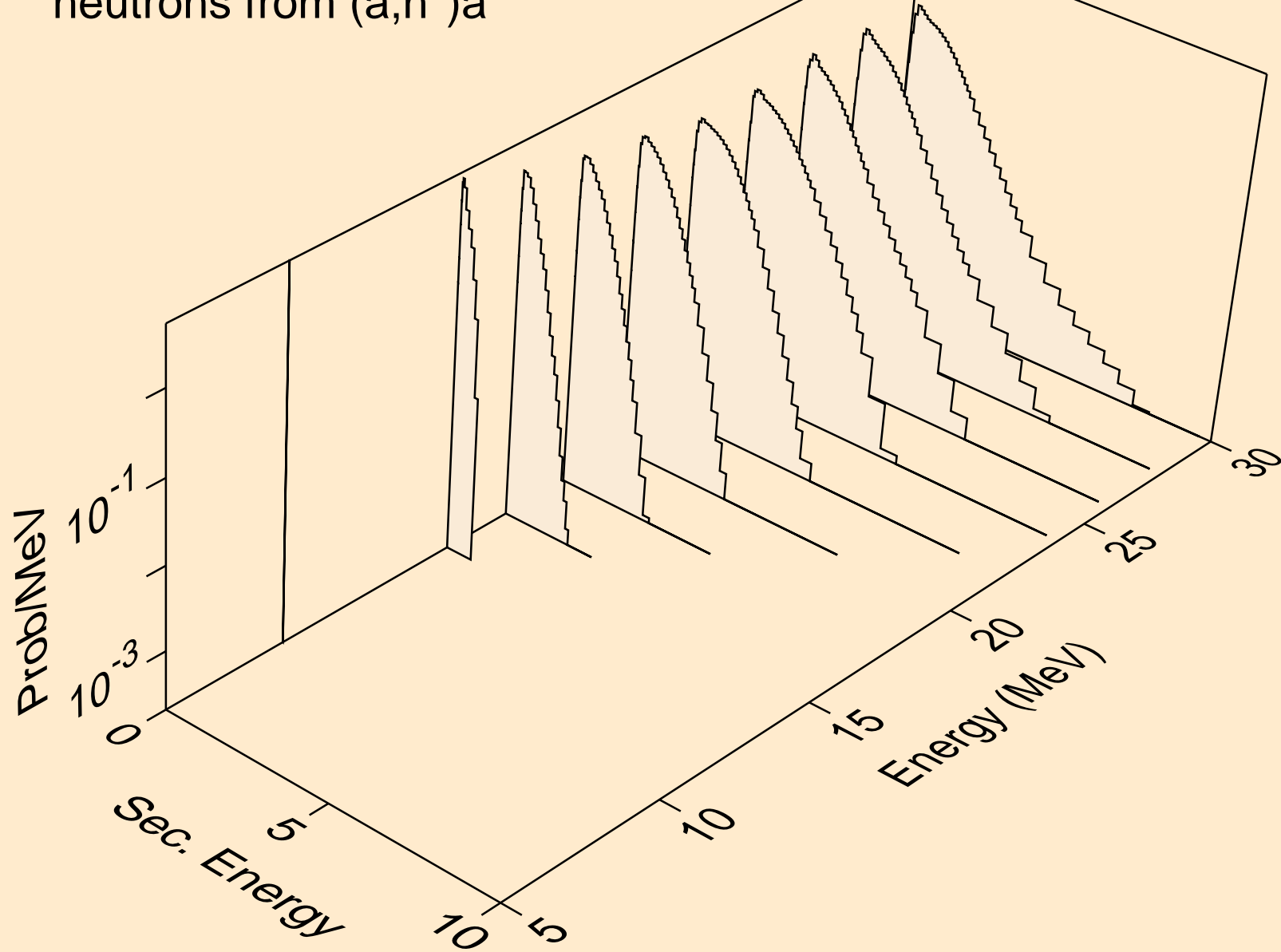
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



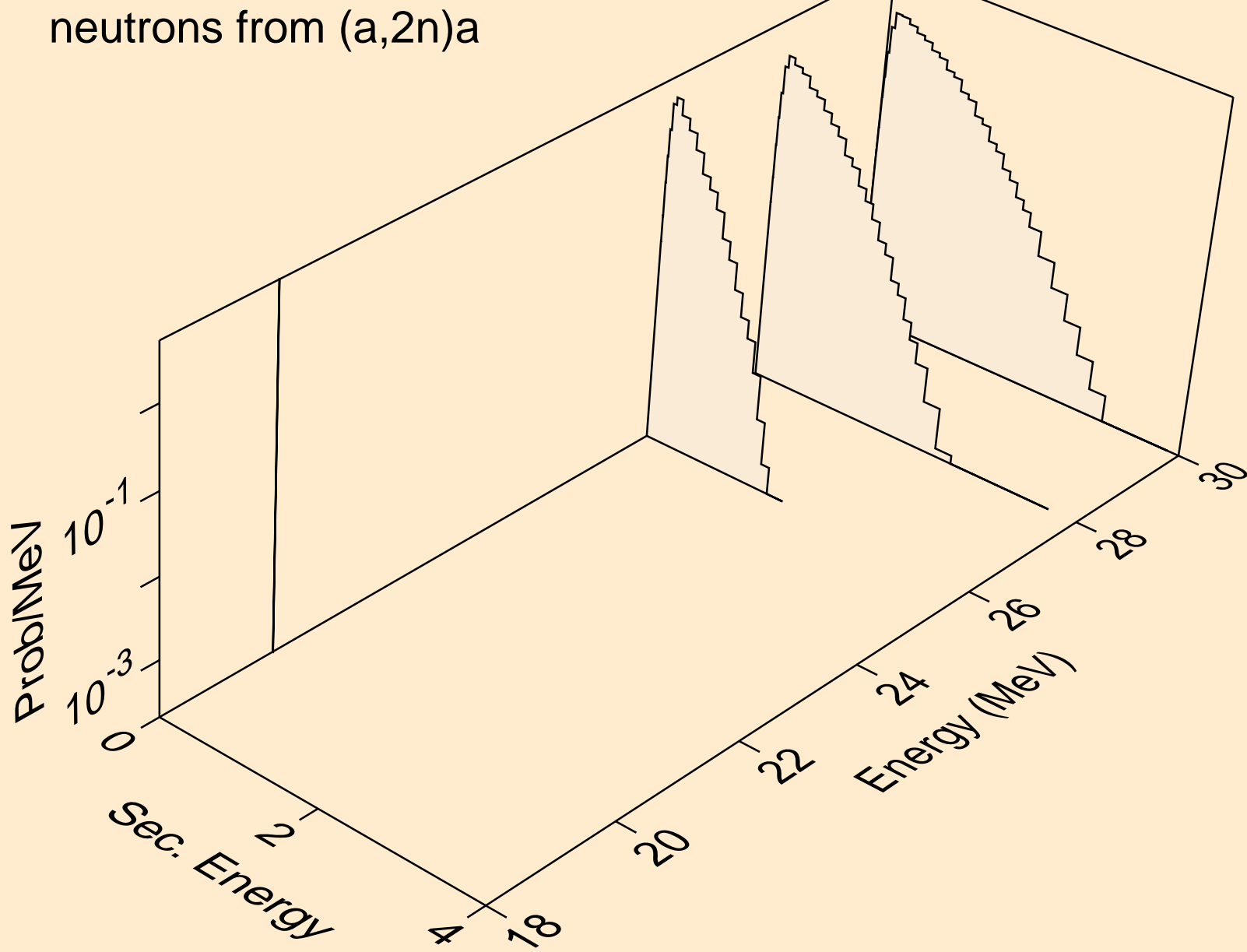
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

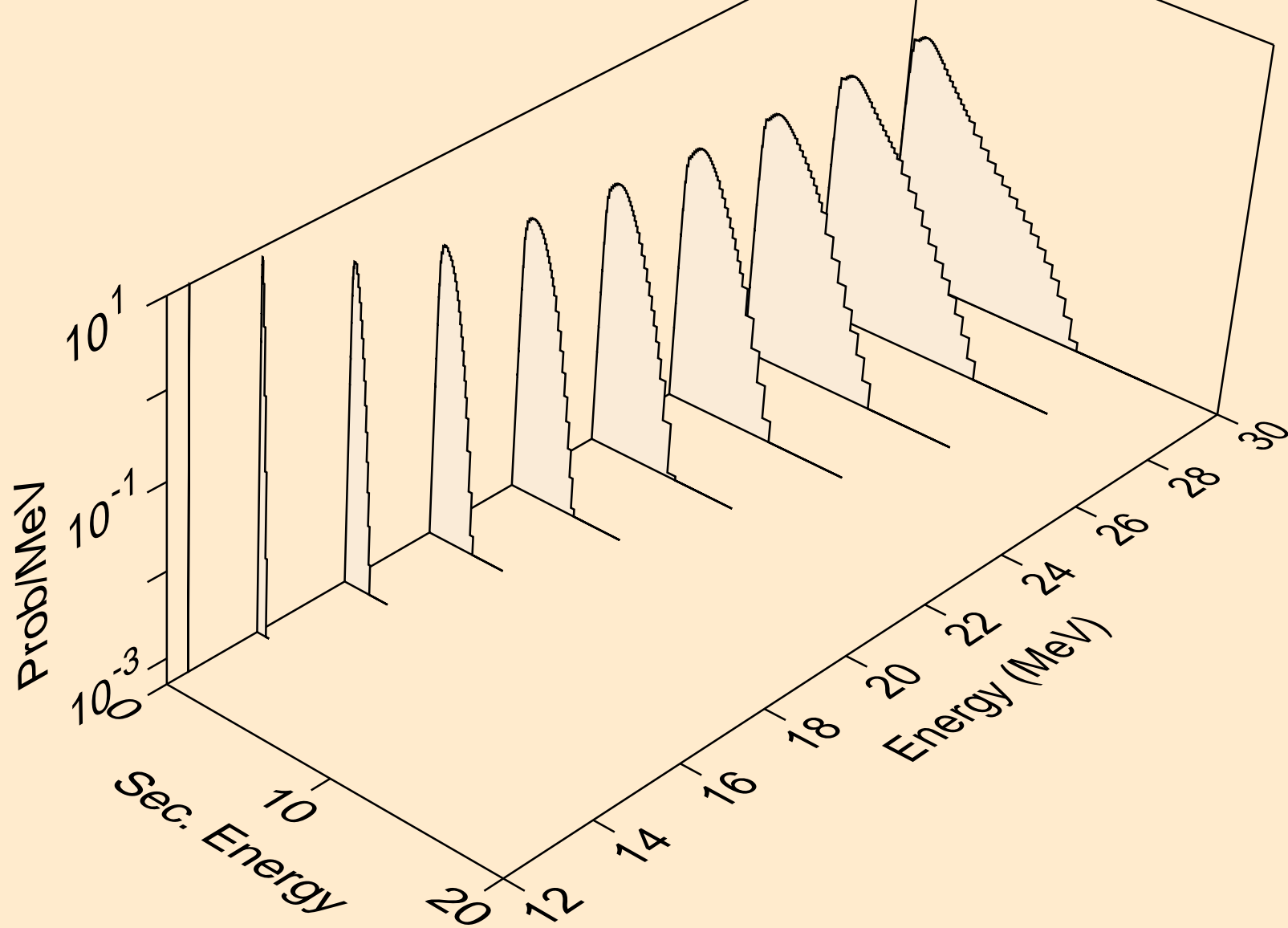


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

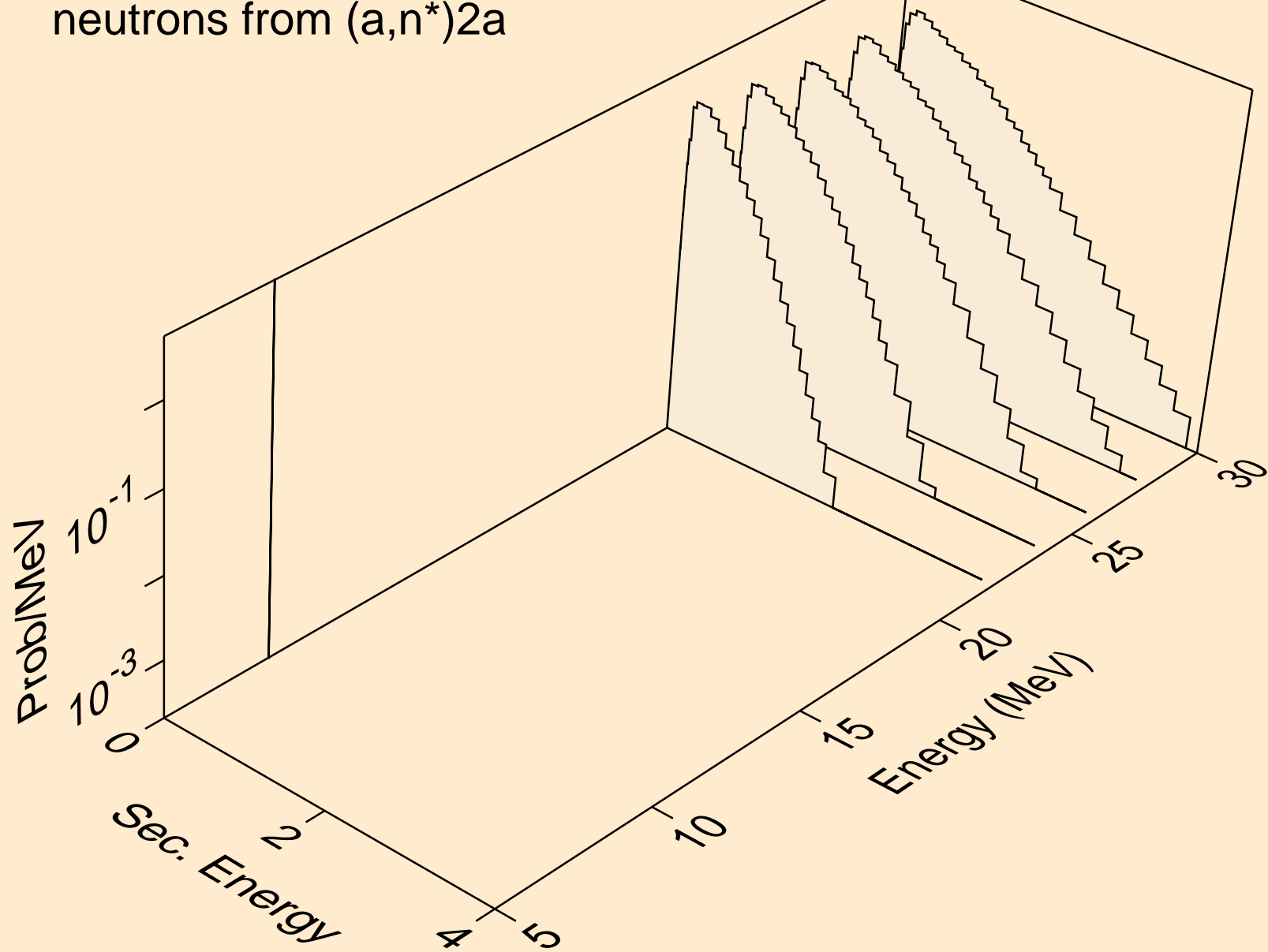




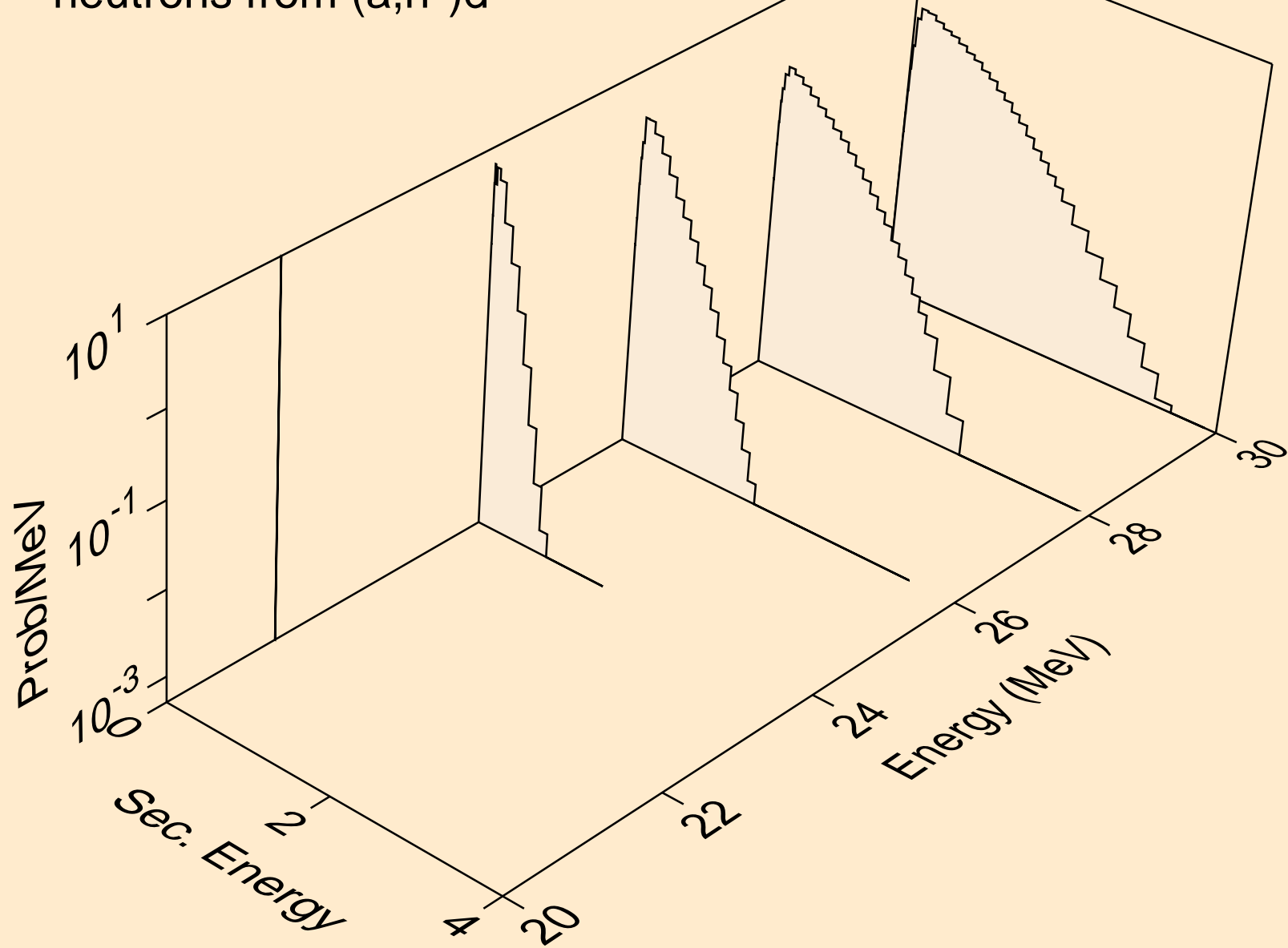
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



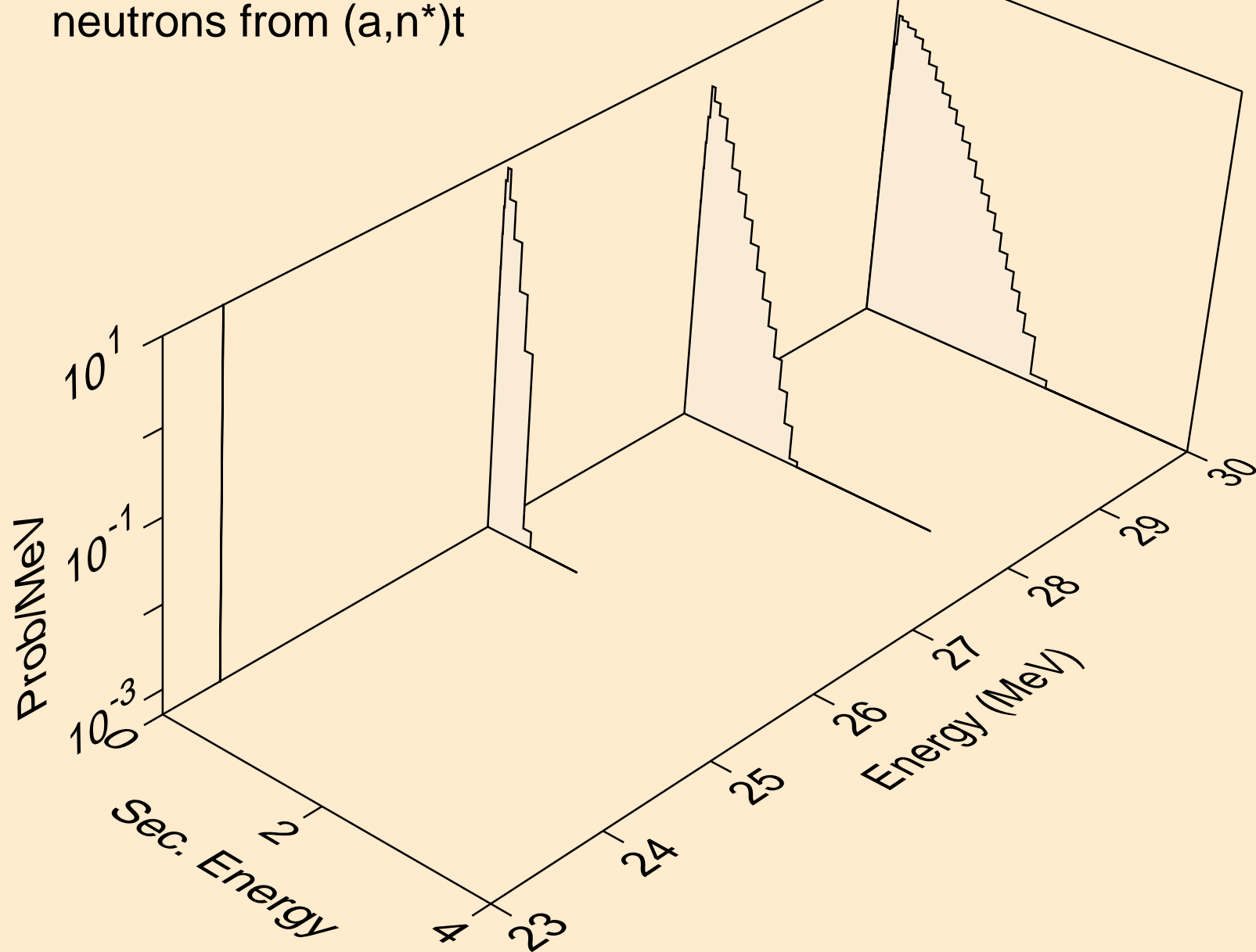
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



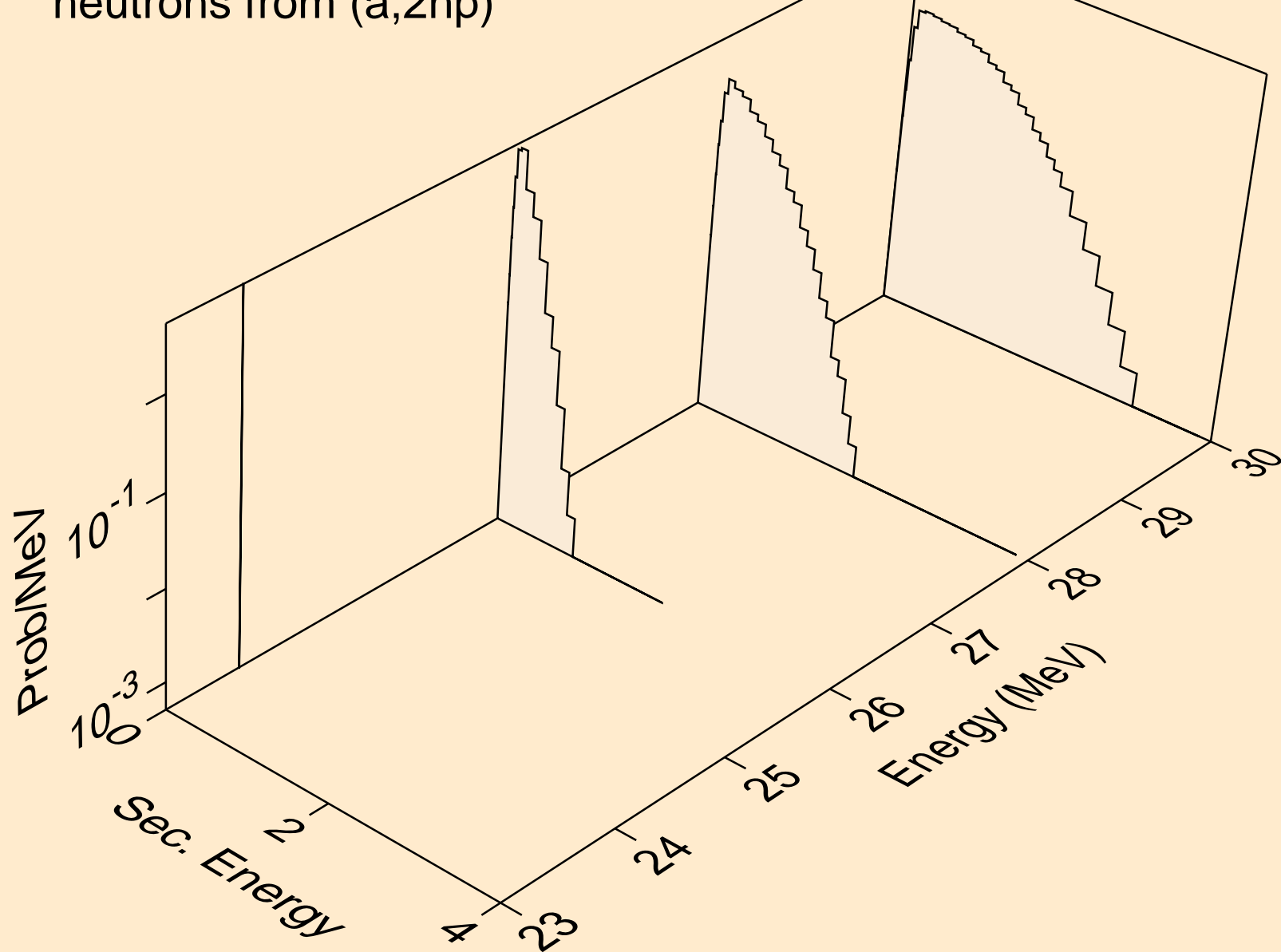
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



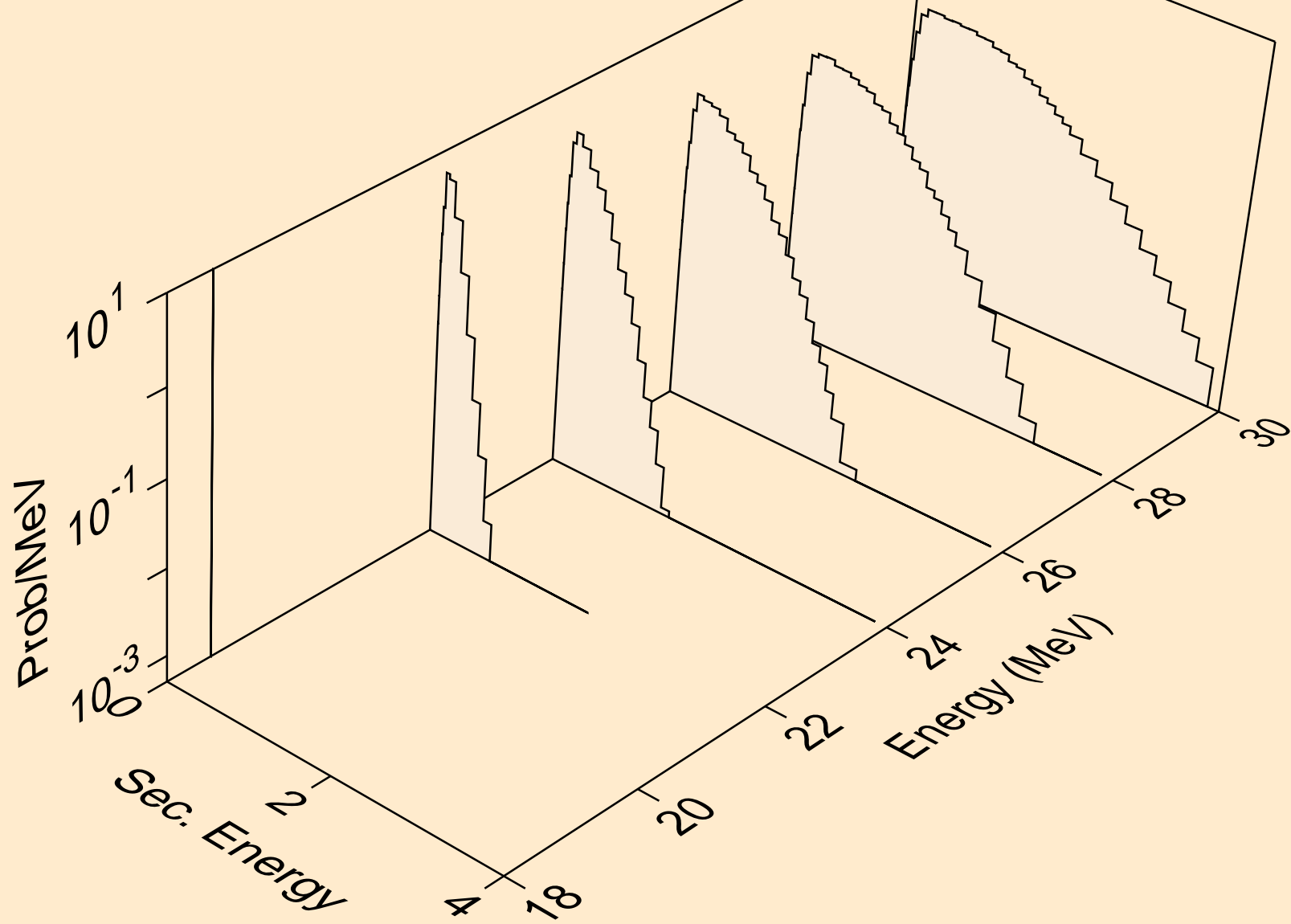
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



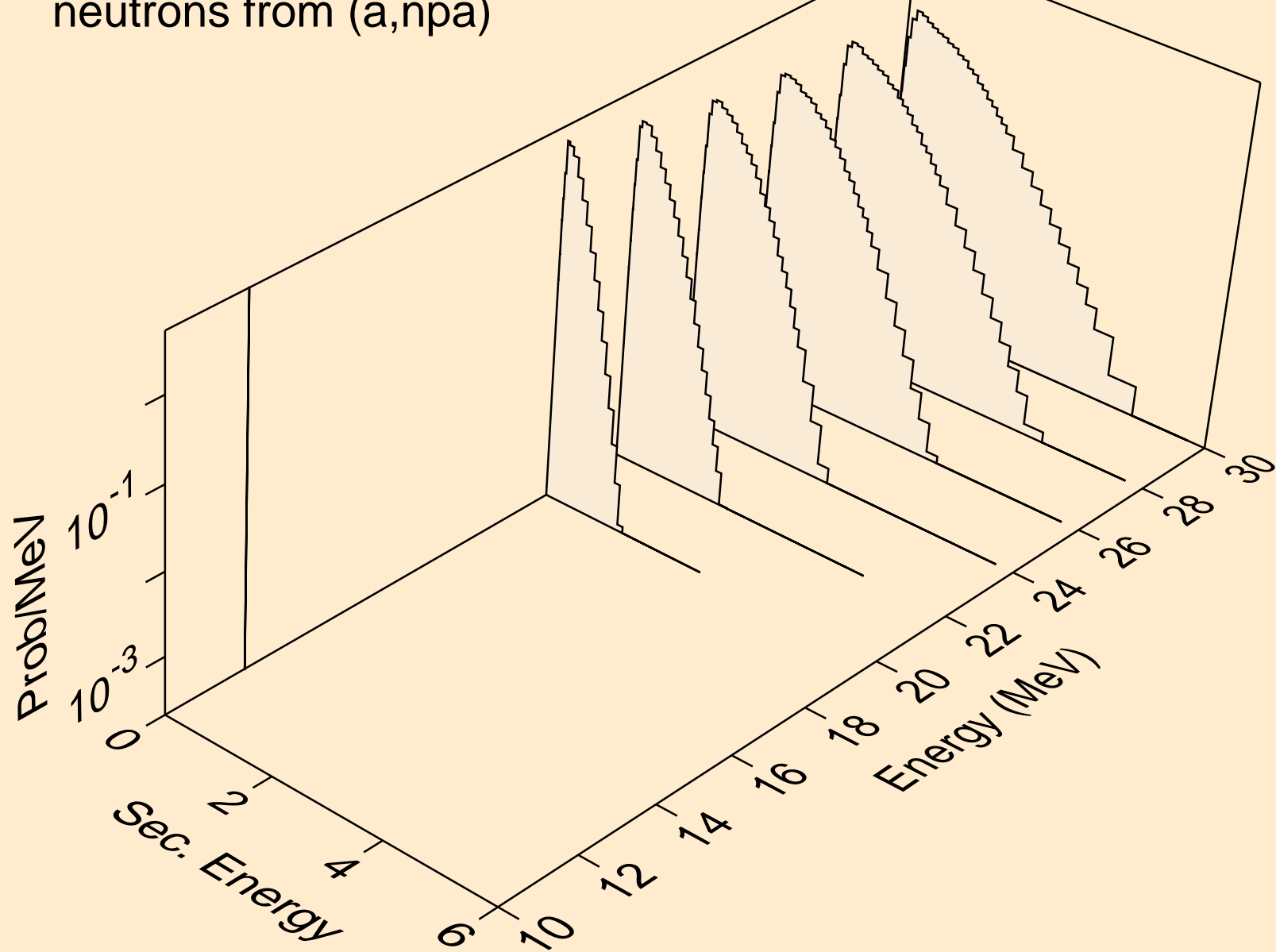
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



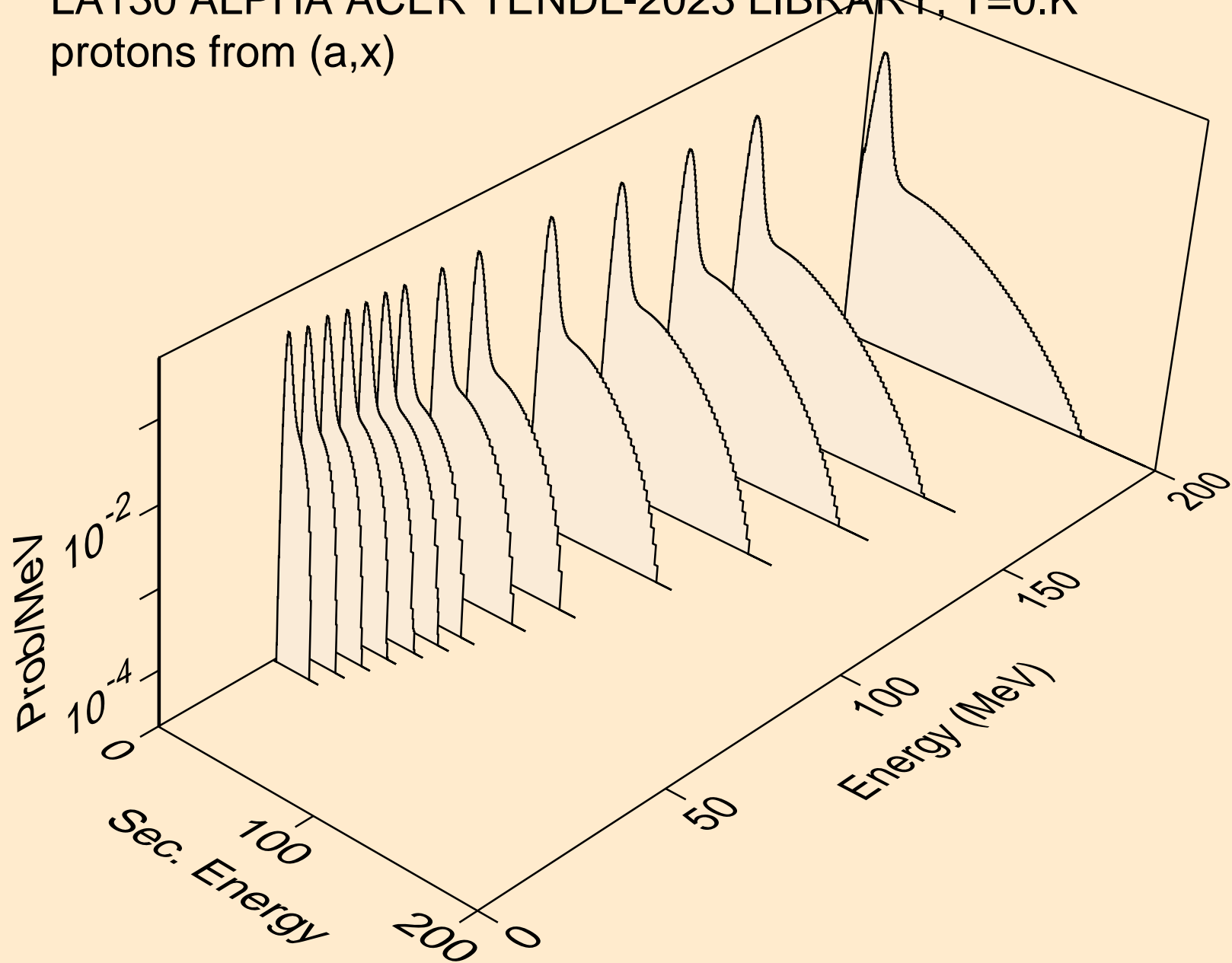
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)

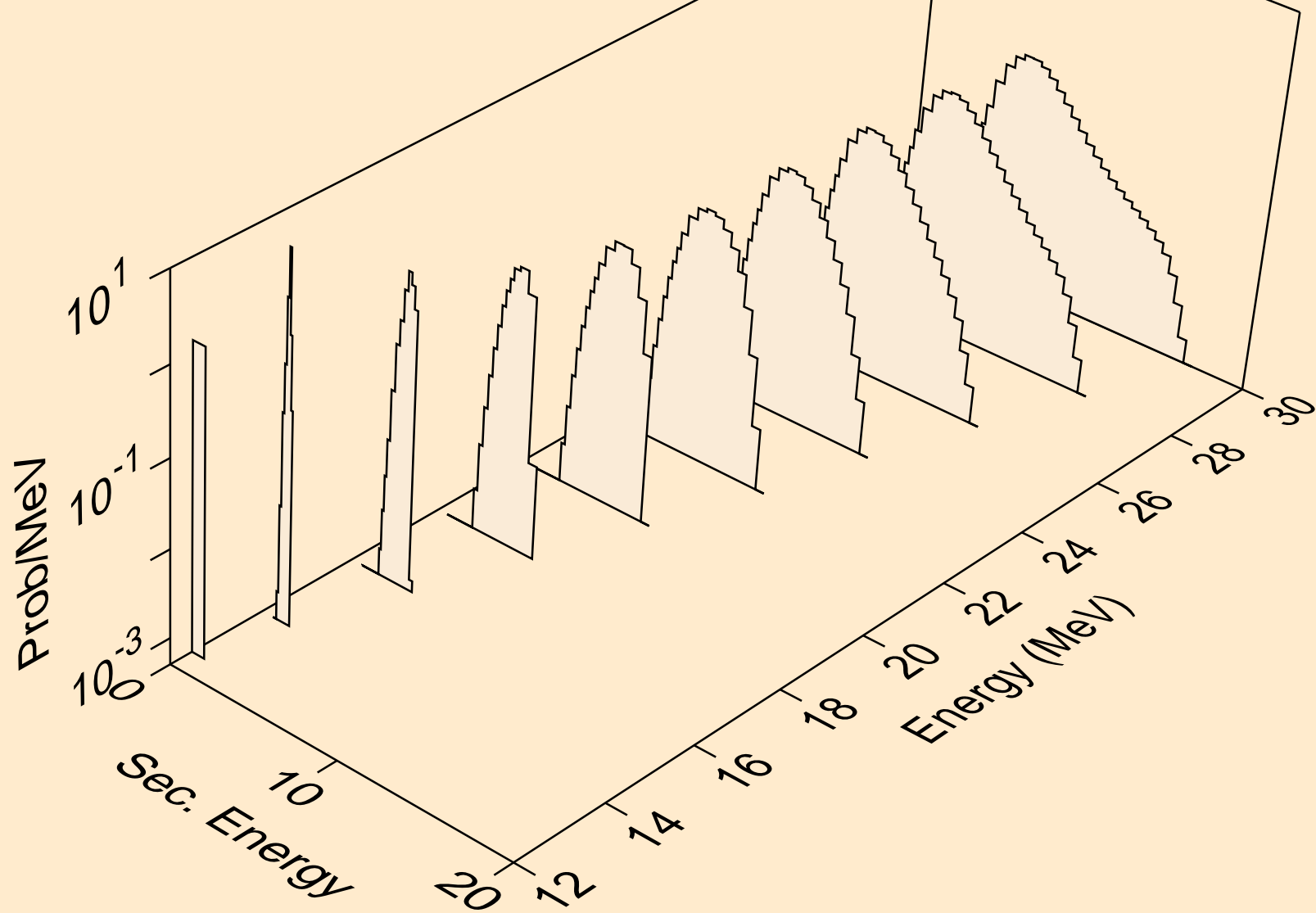


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

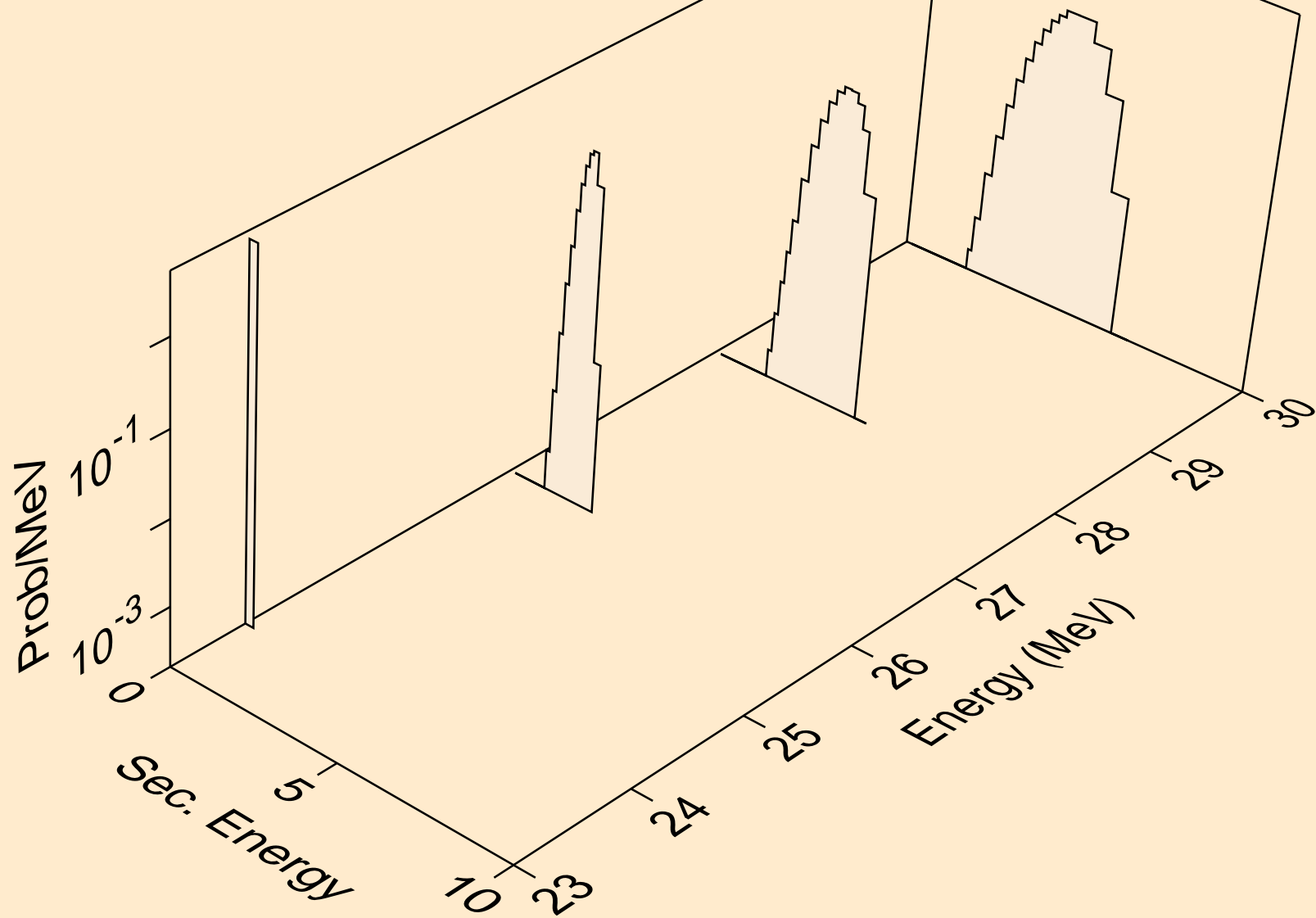




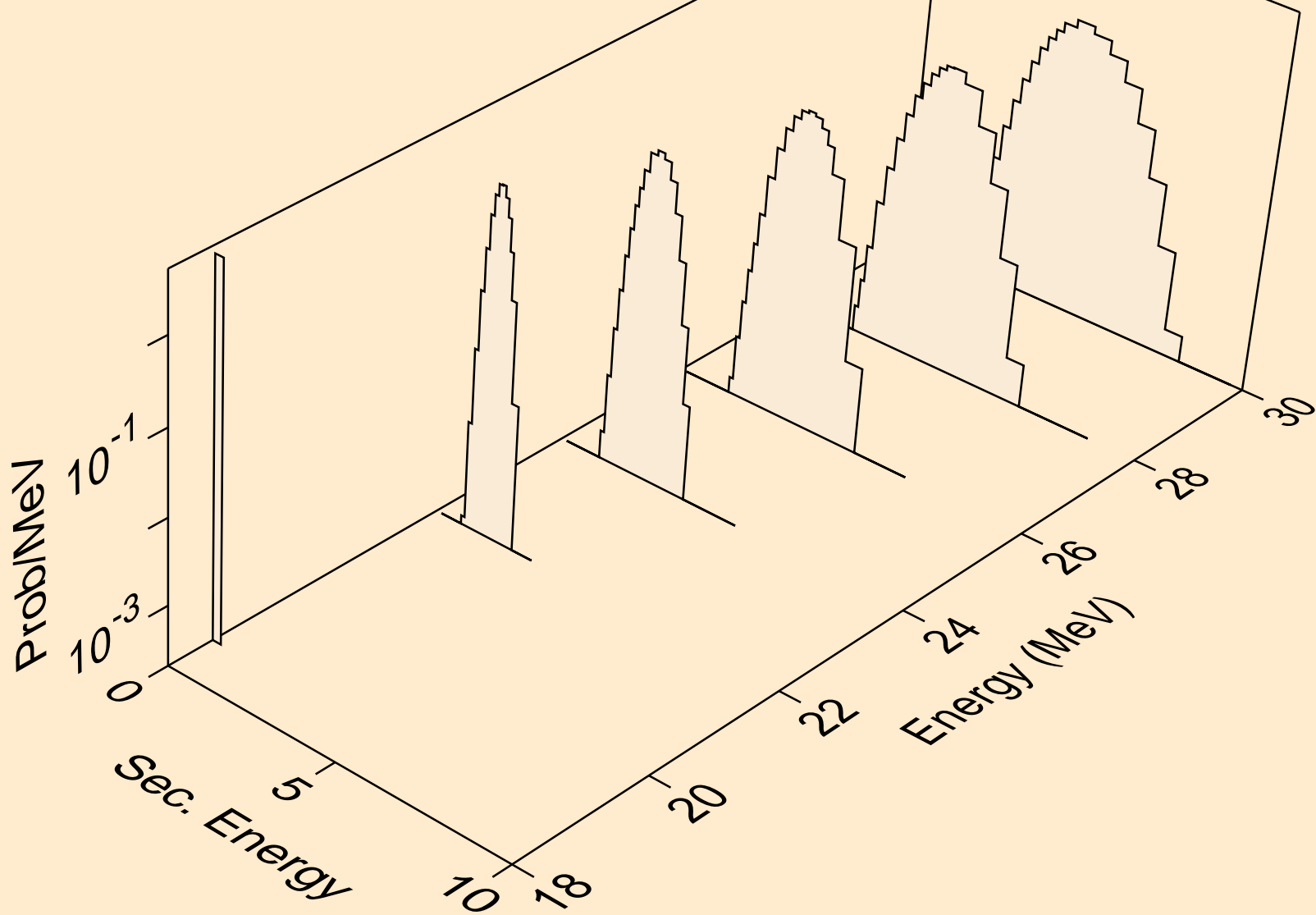
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



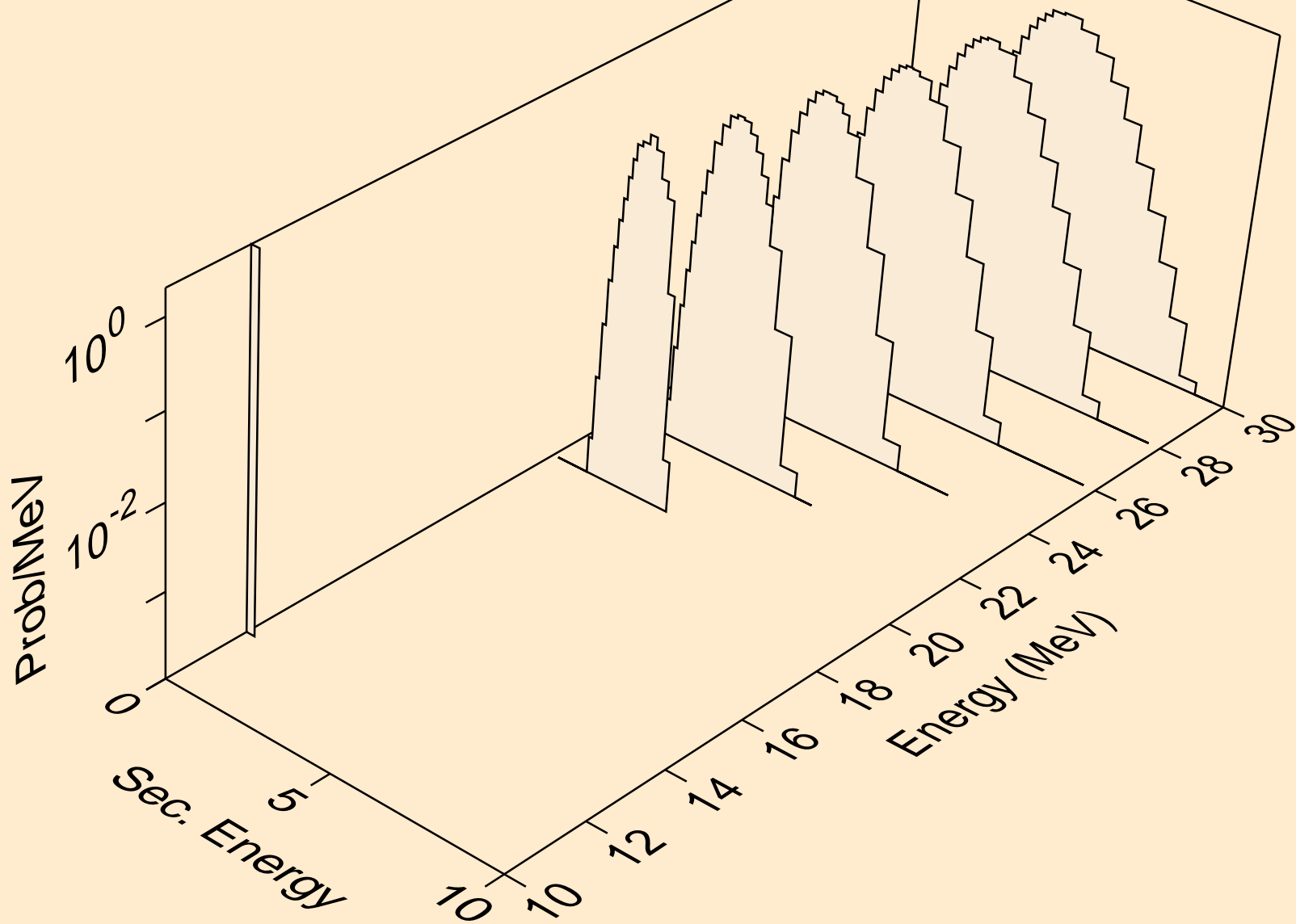
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



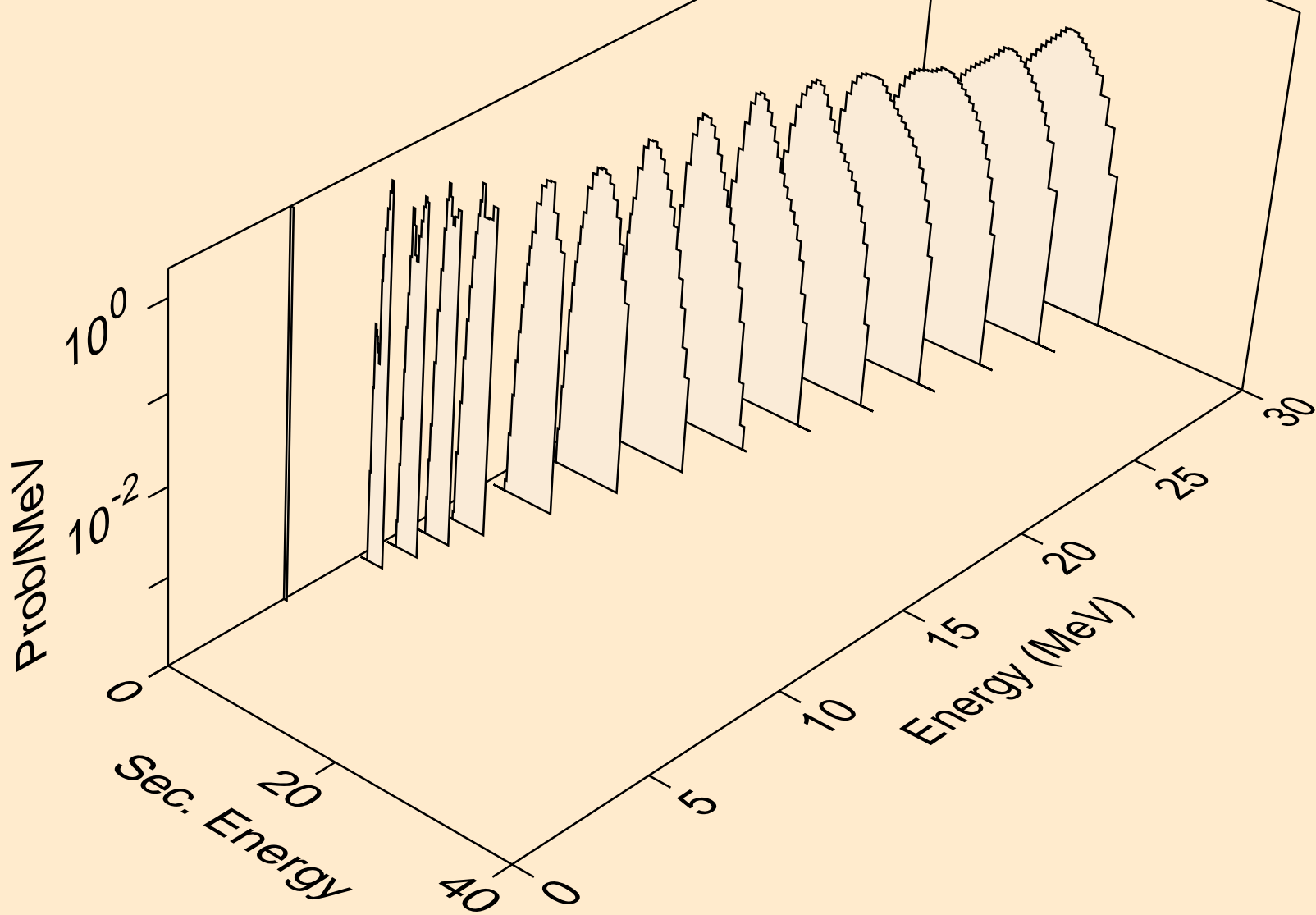
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



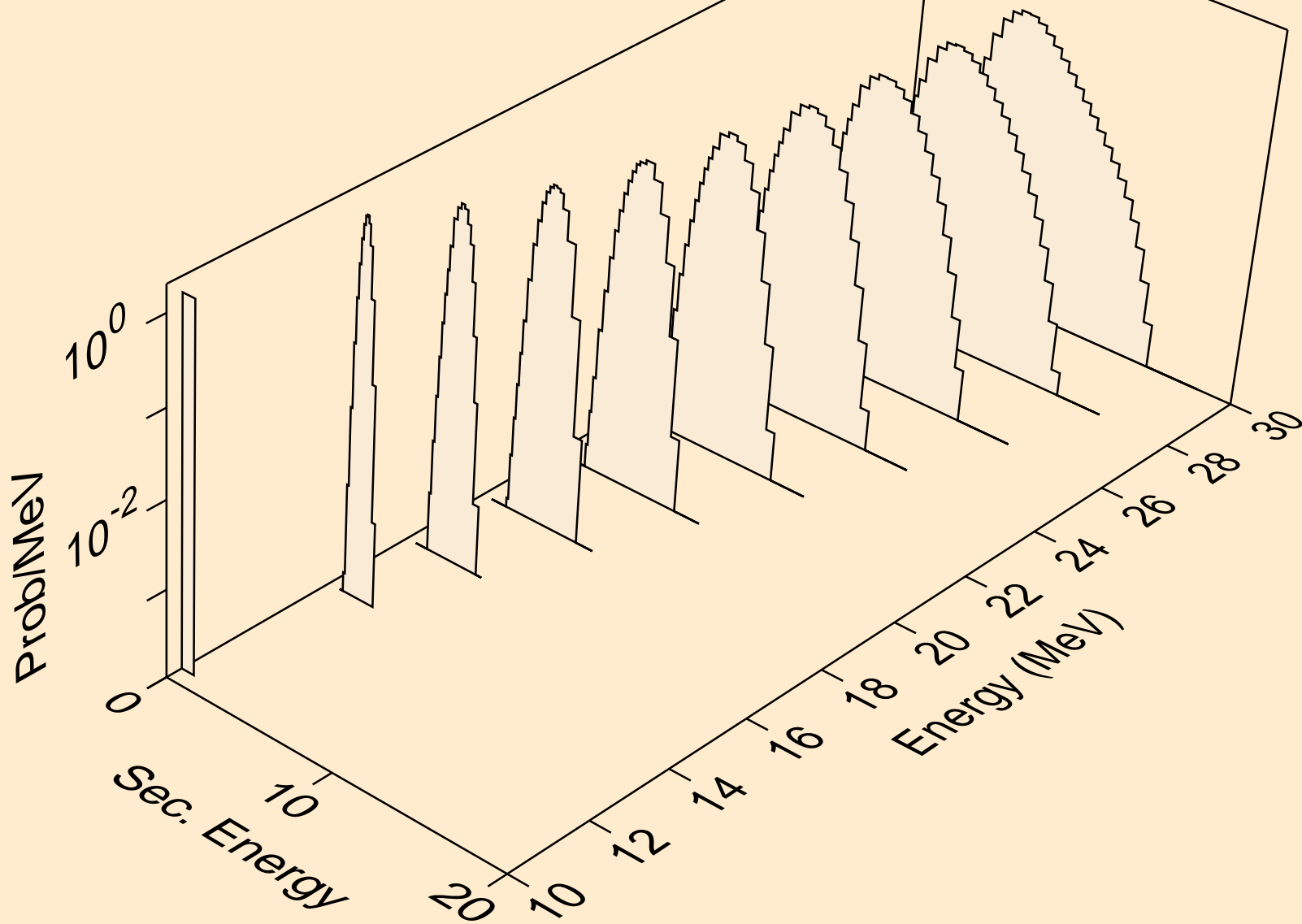
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



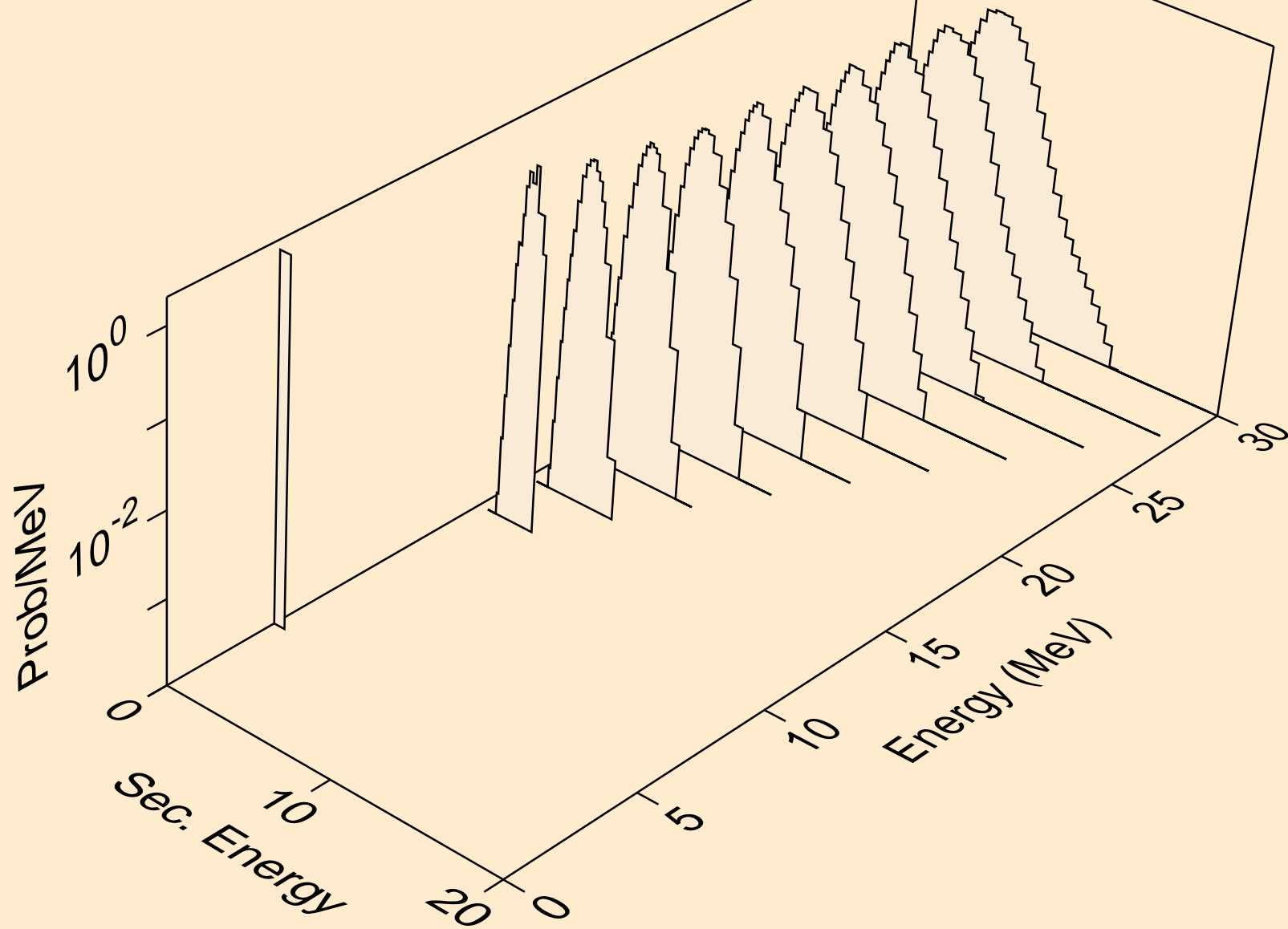
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protons from (a,p)



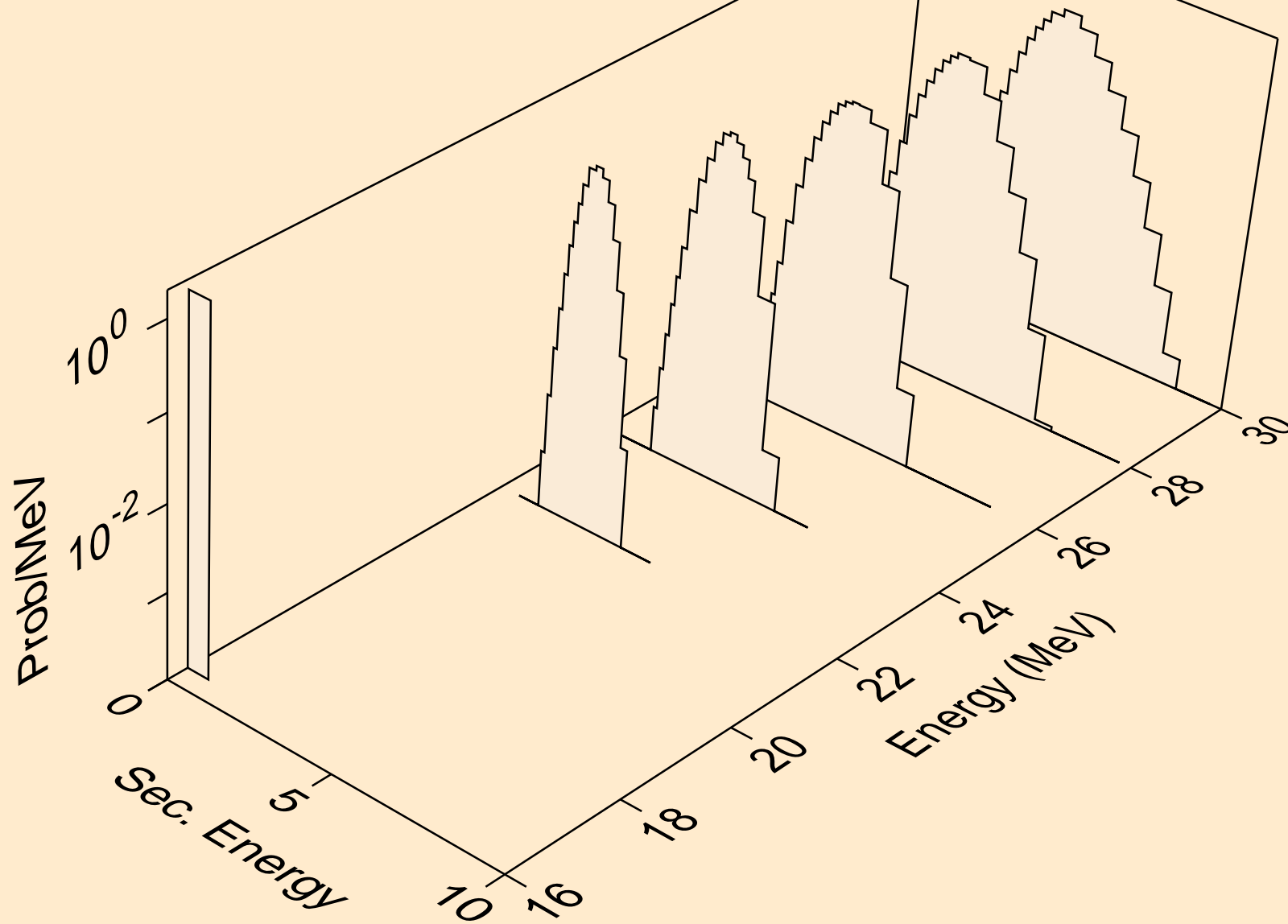
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)

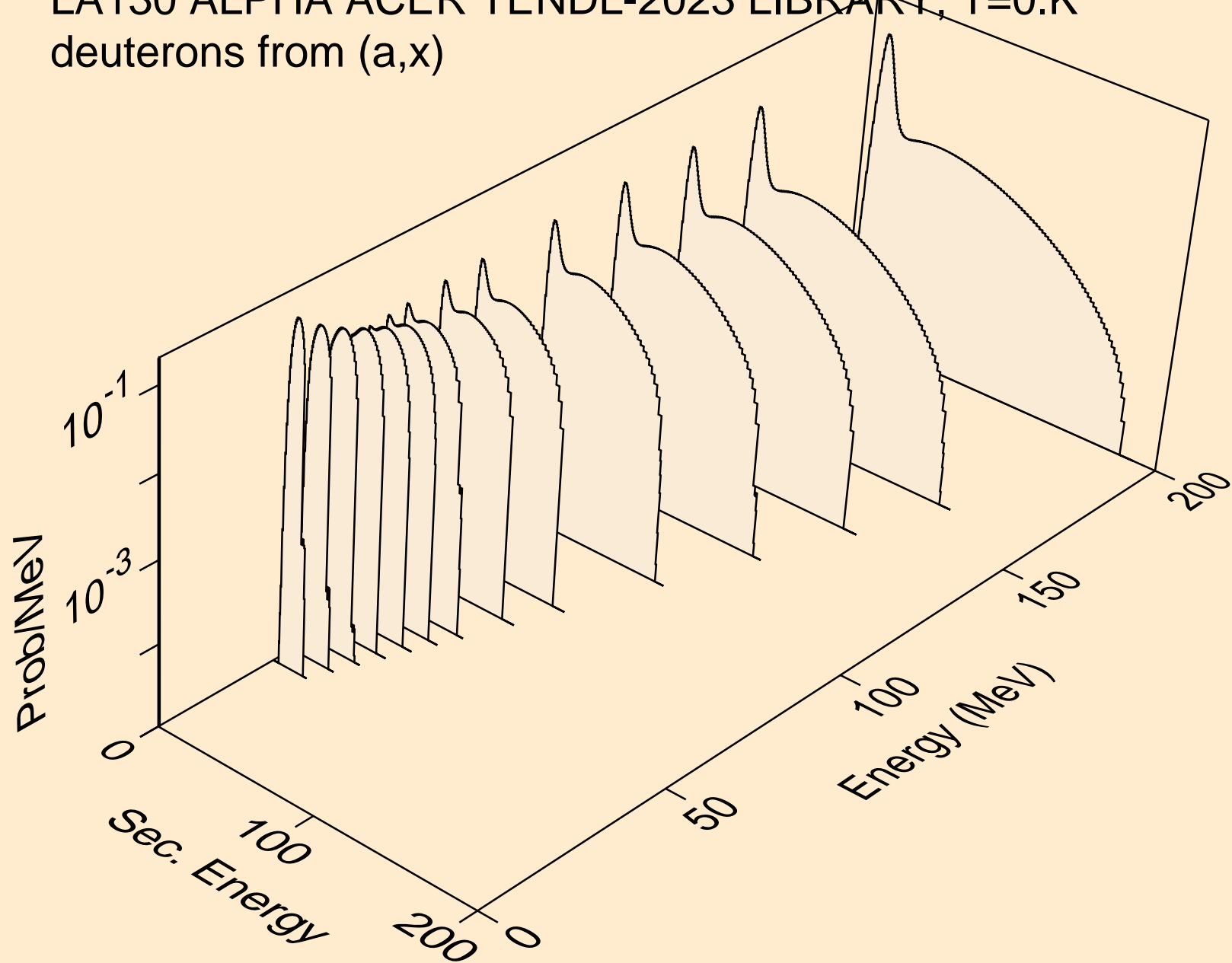


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)

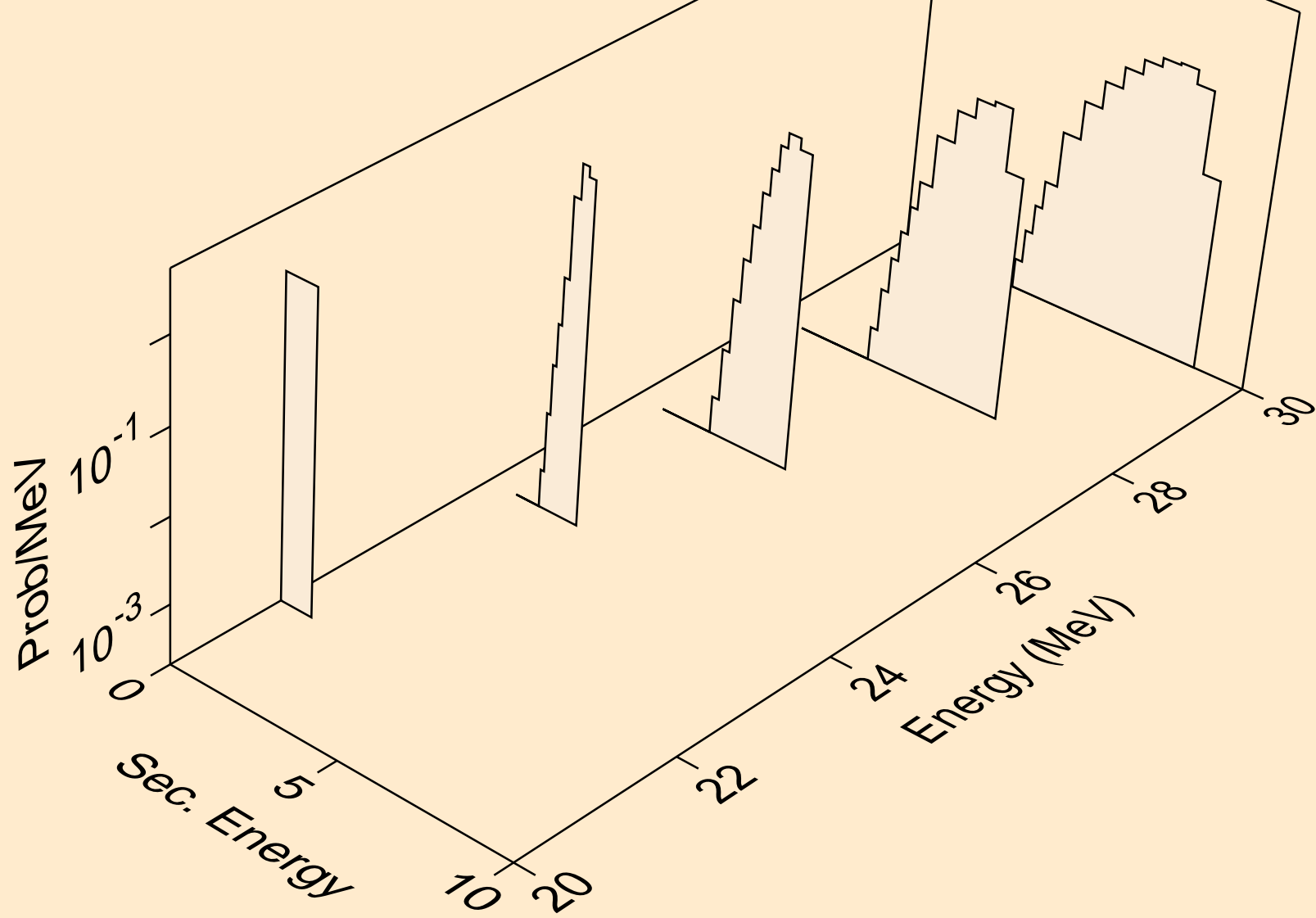




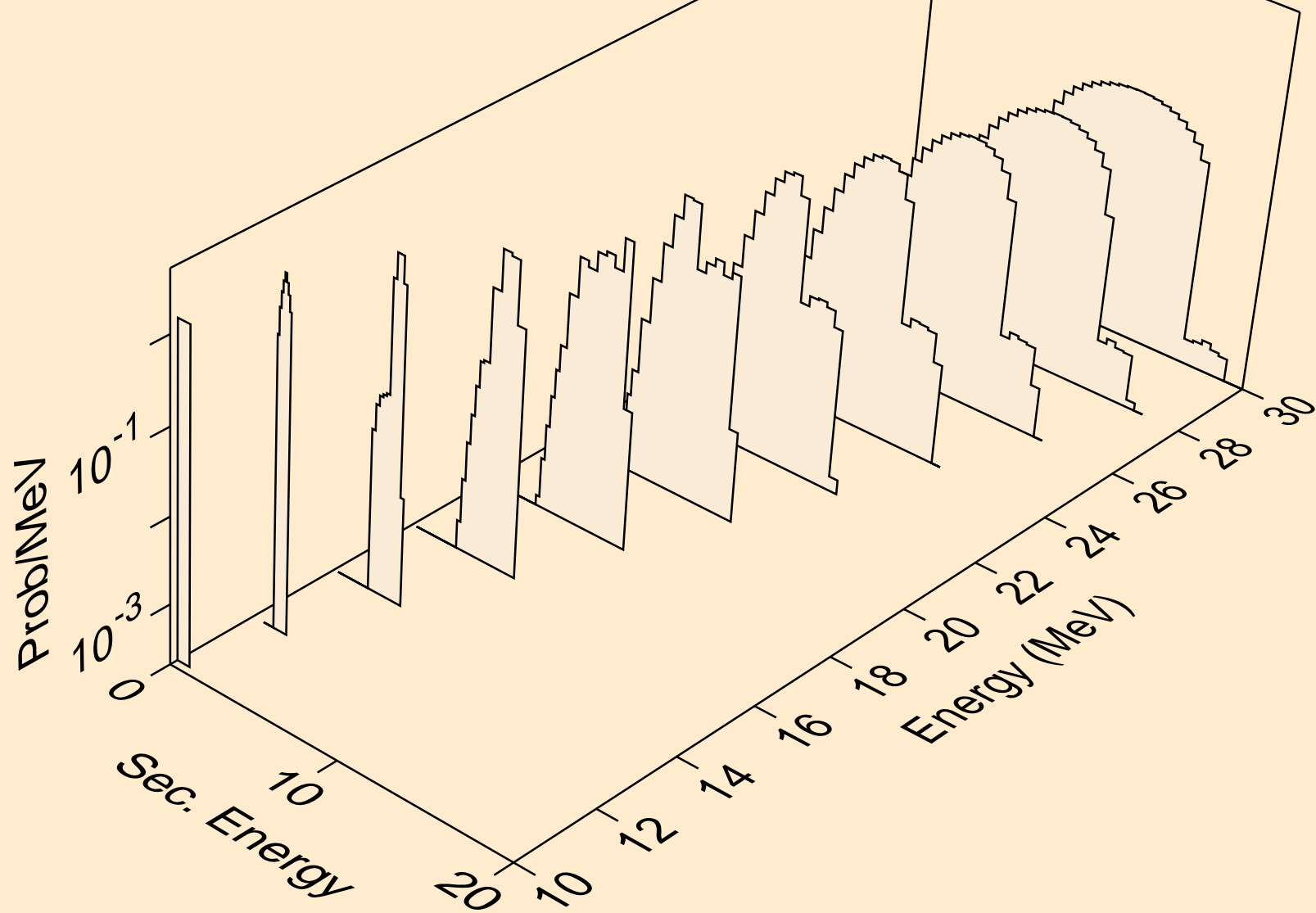
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



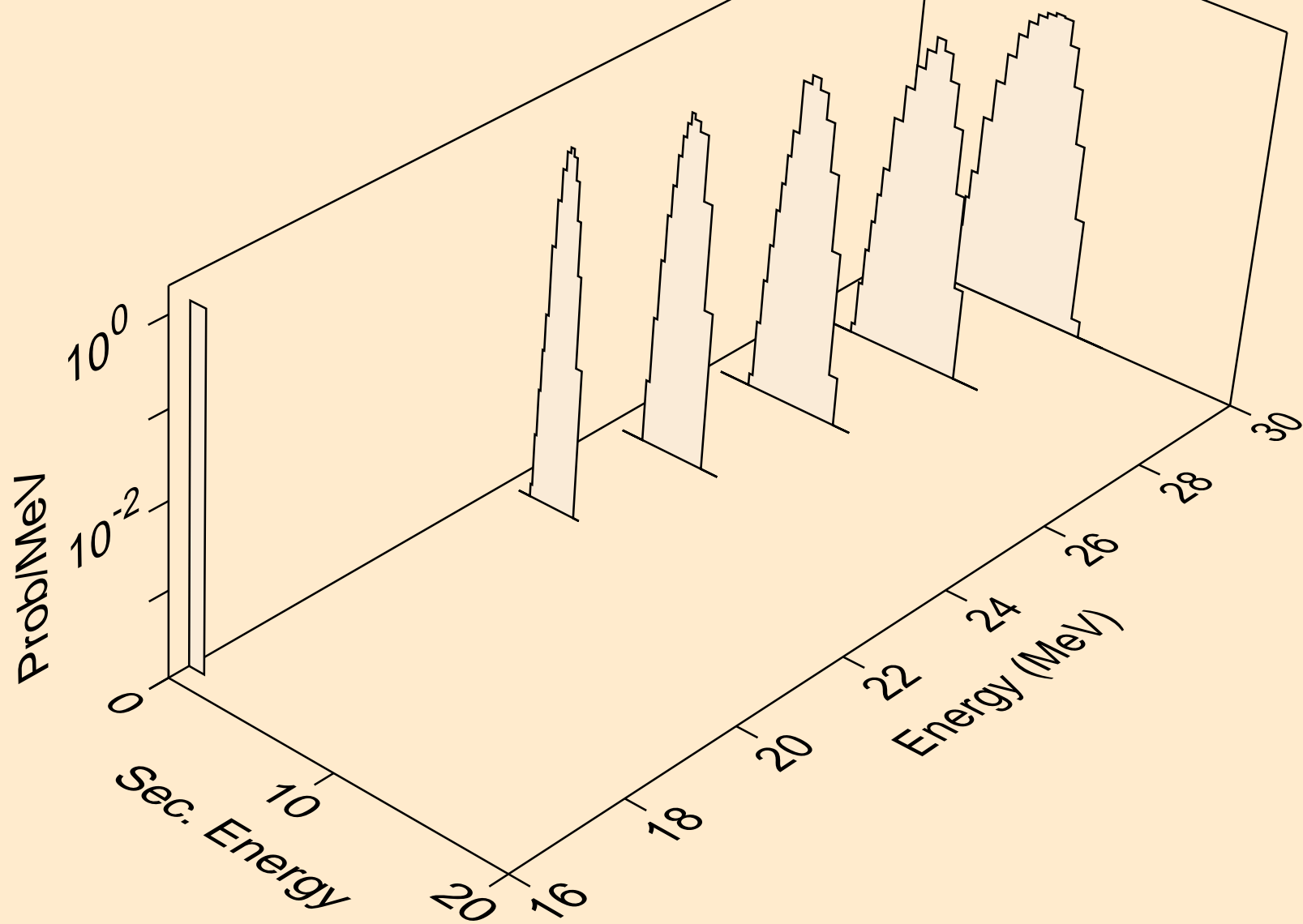
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



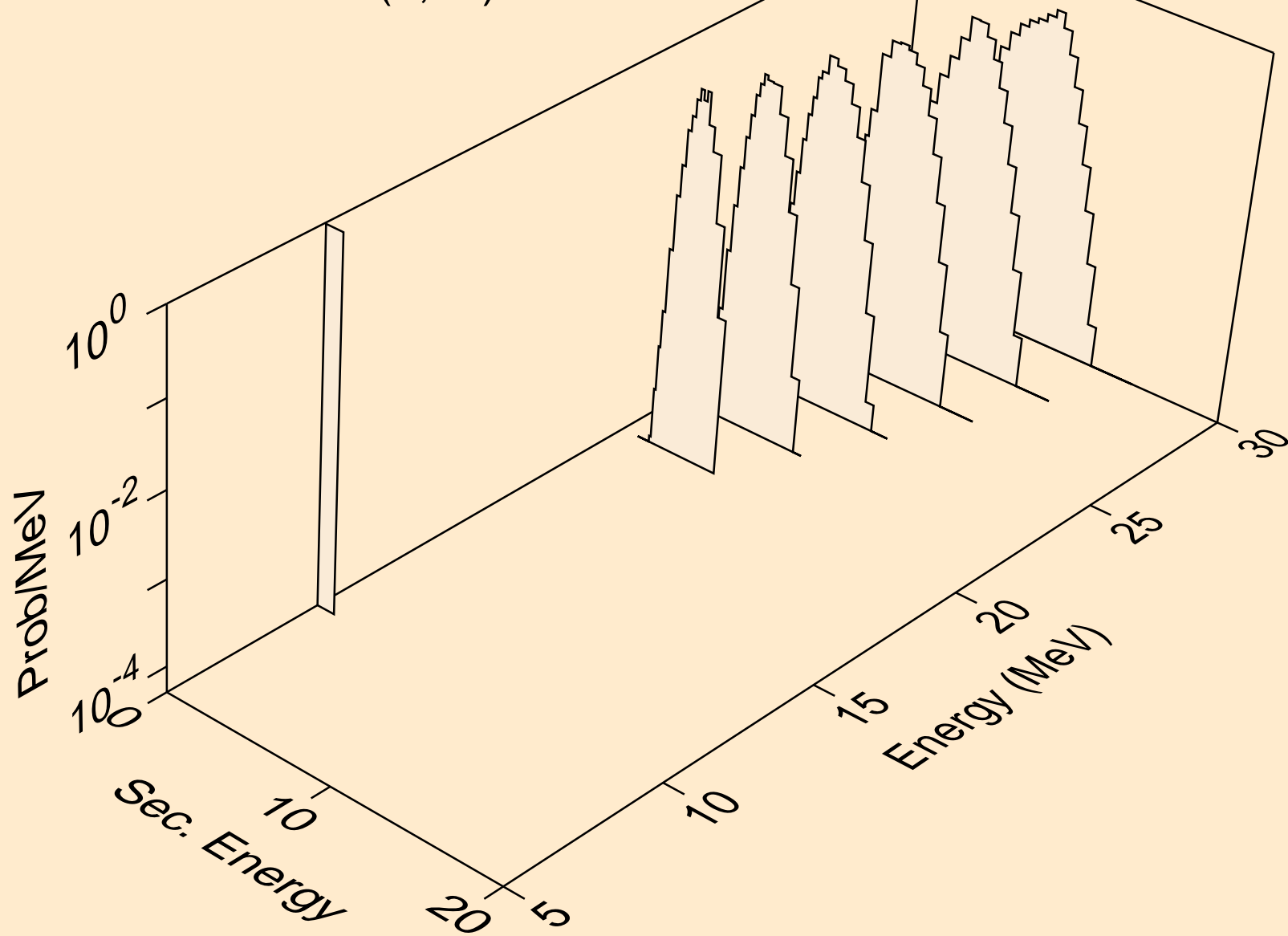
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



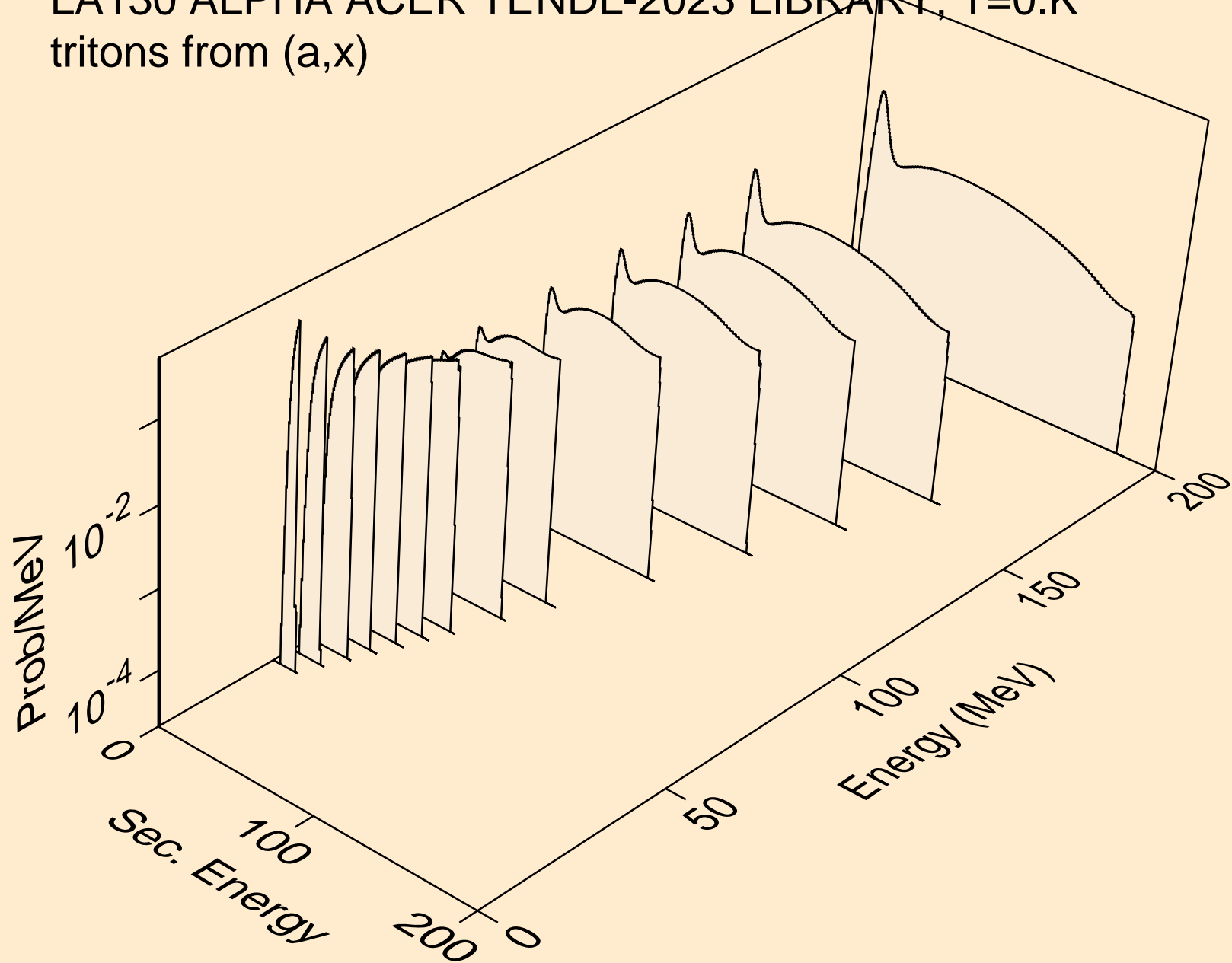
LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)

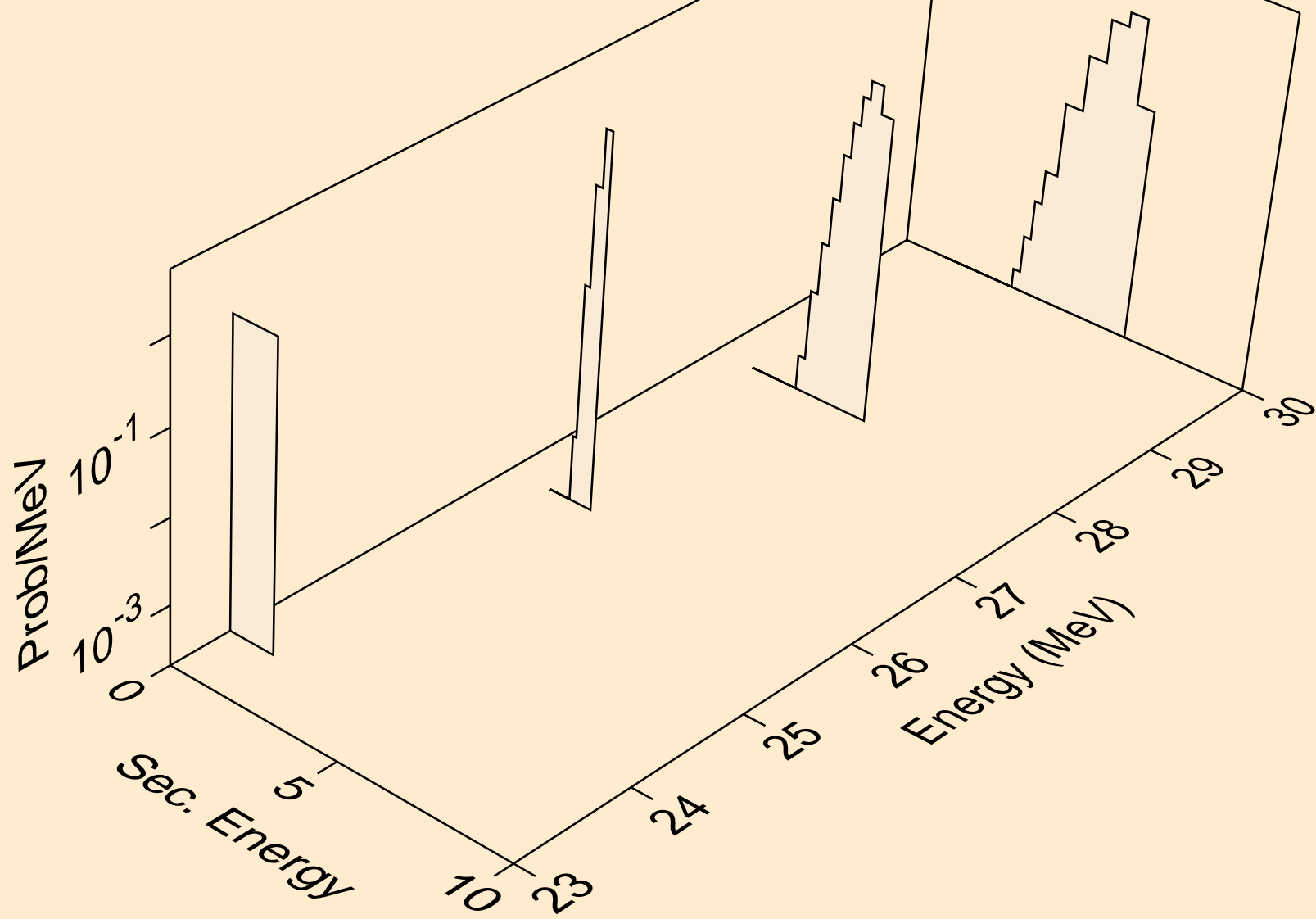


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

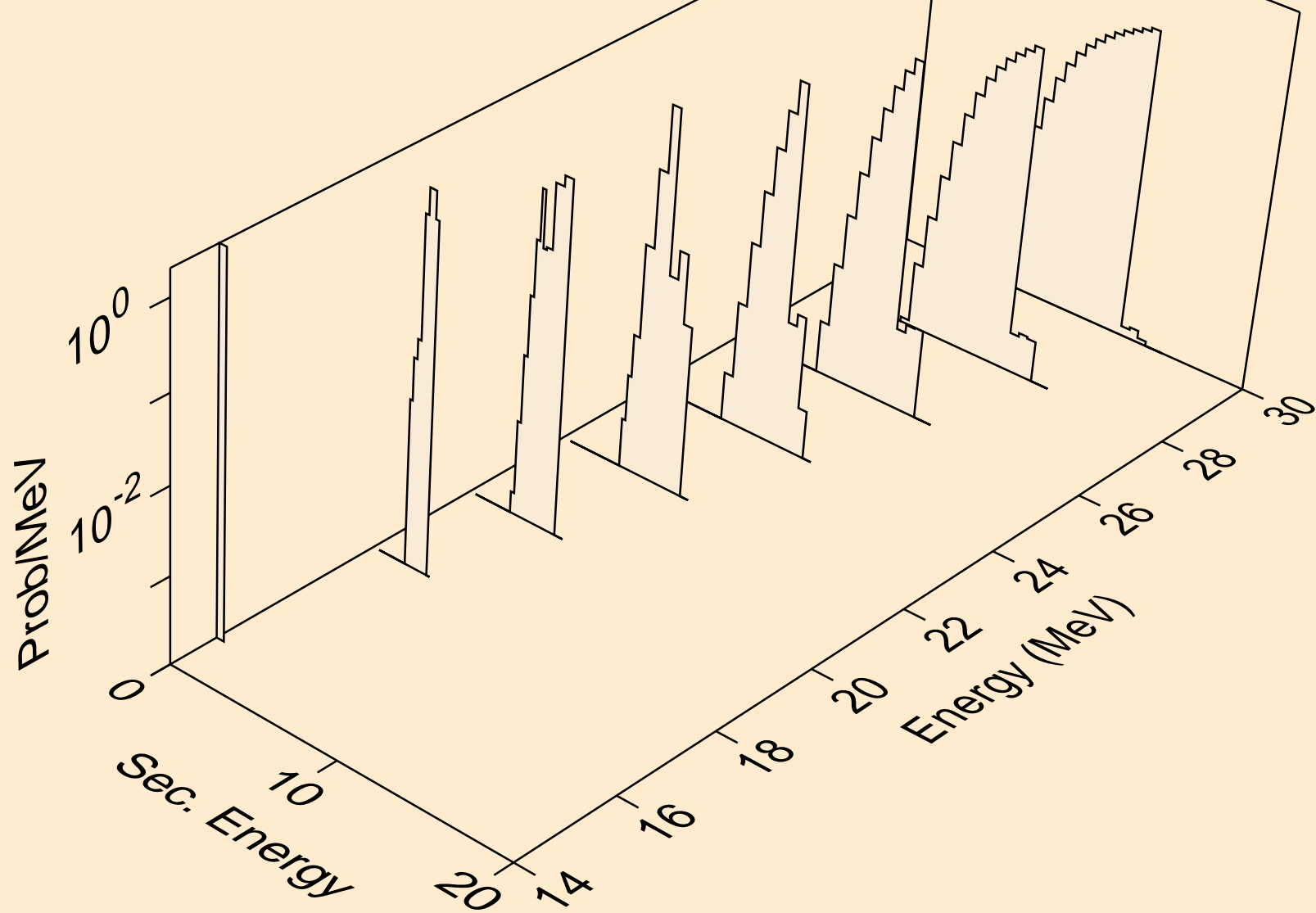


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

tritons from (a,n\*)t

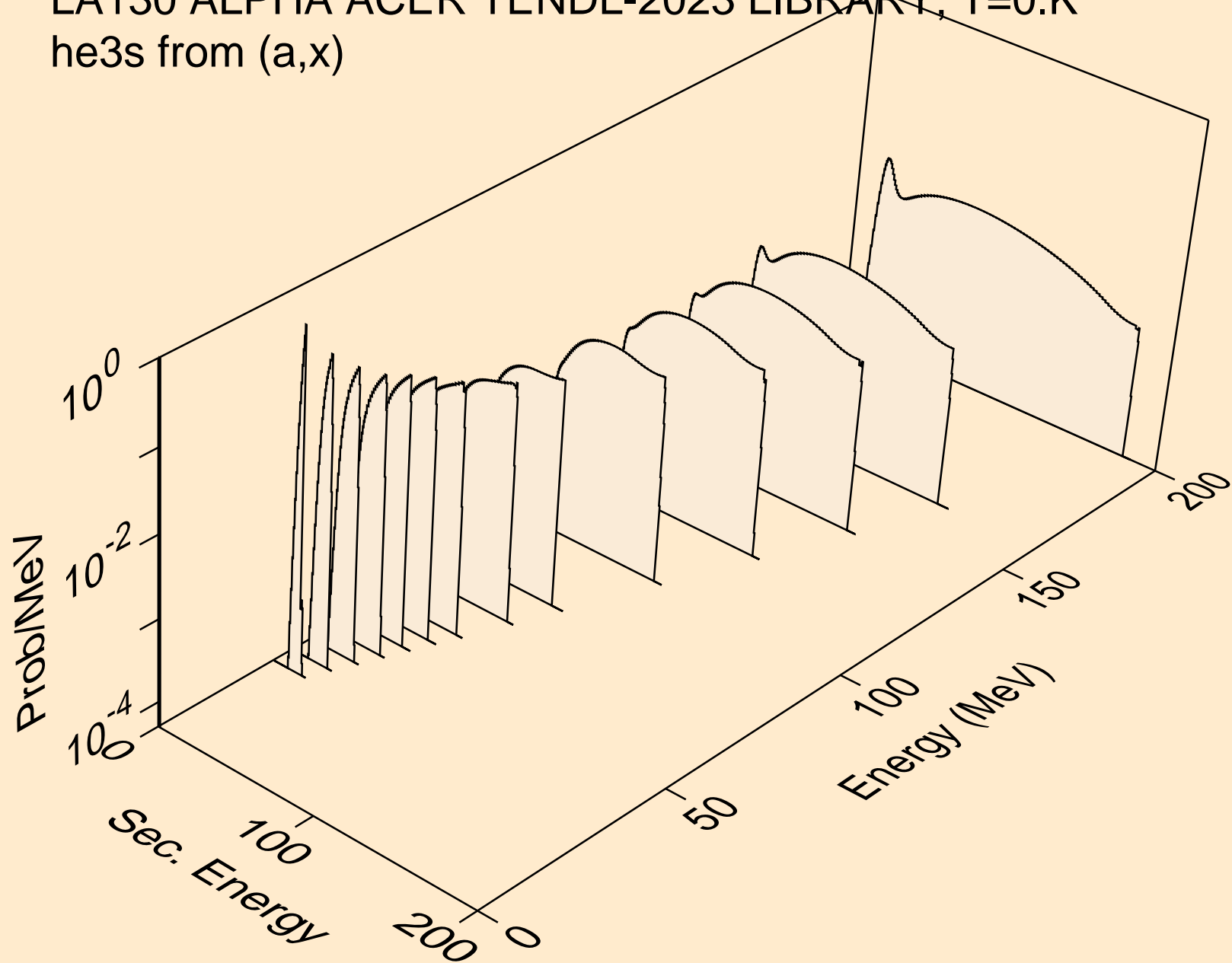


LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)





LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



LA130 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

