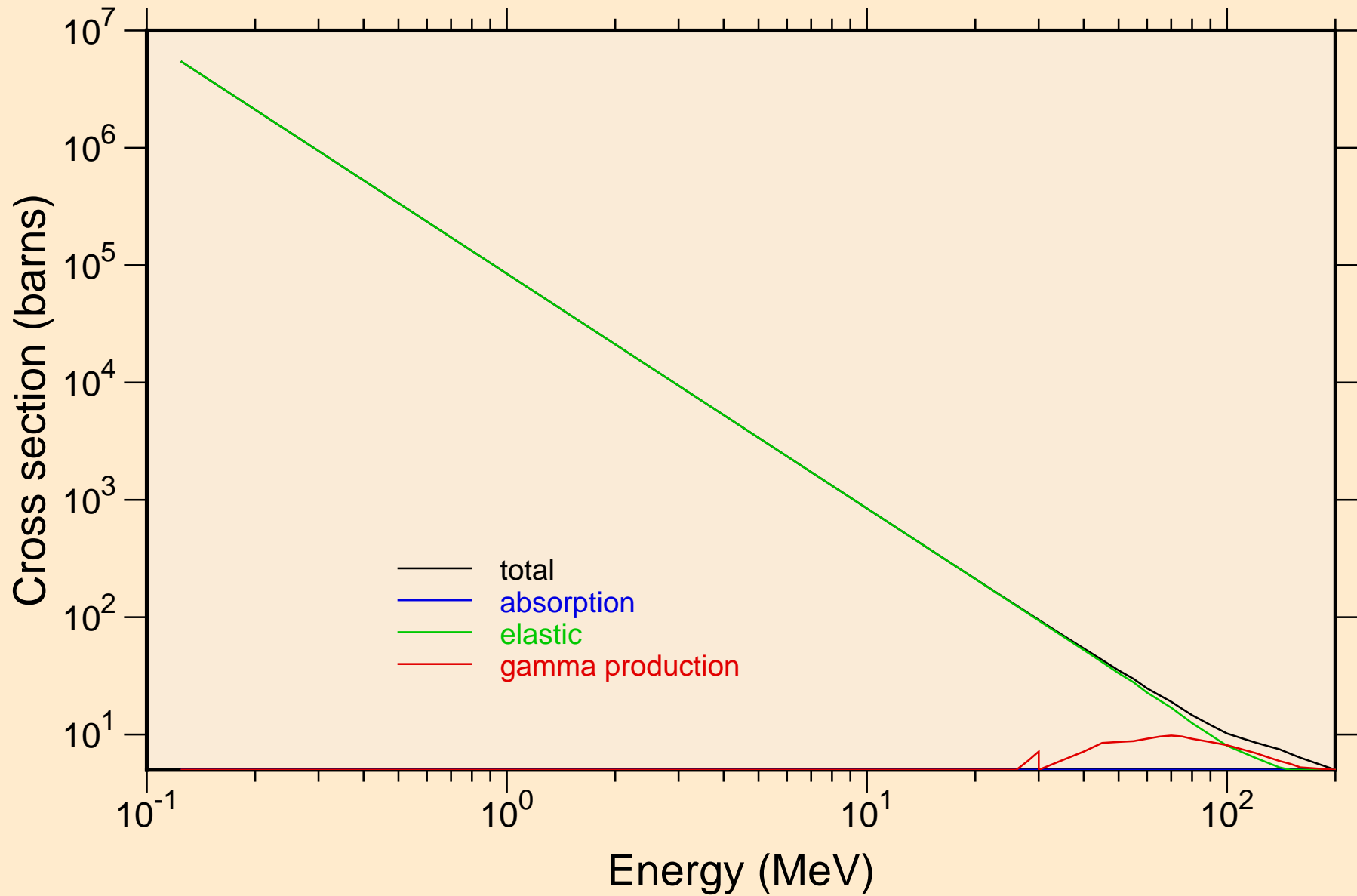


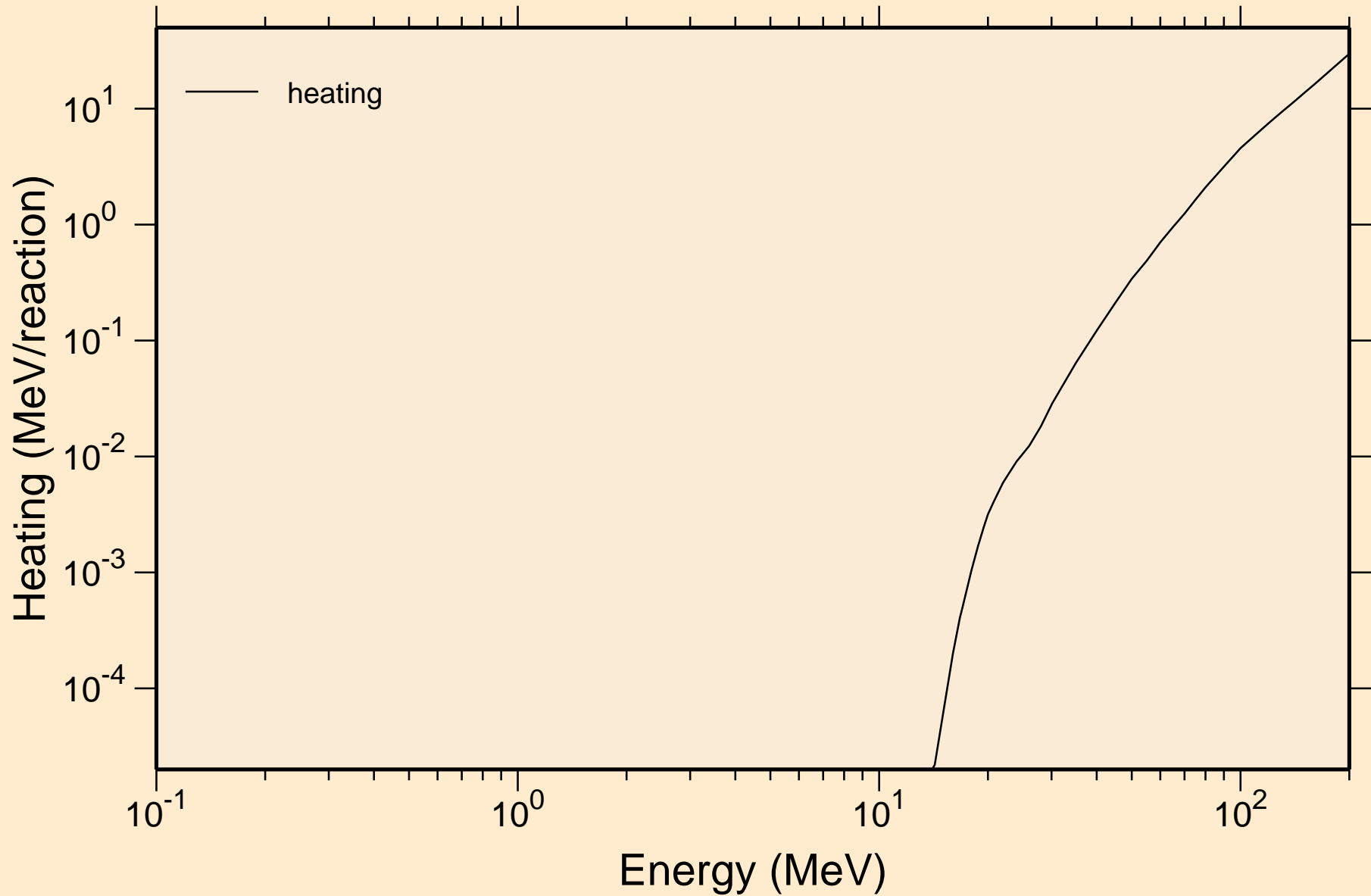
# LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



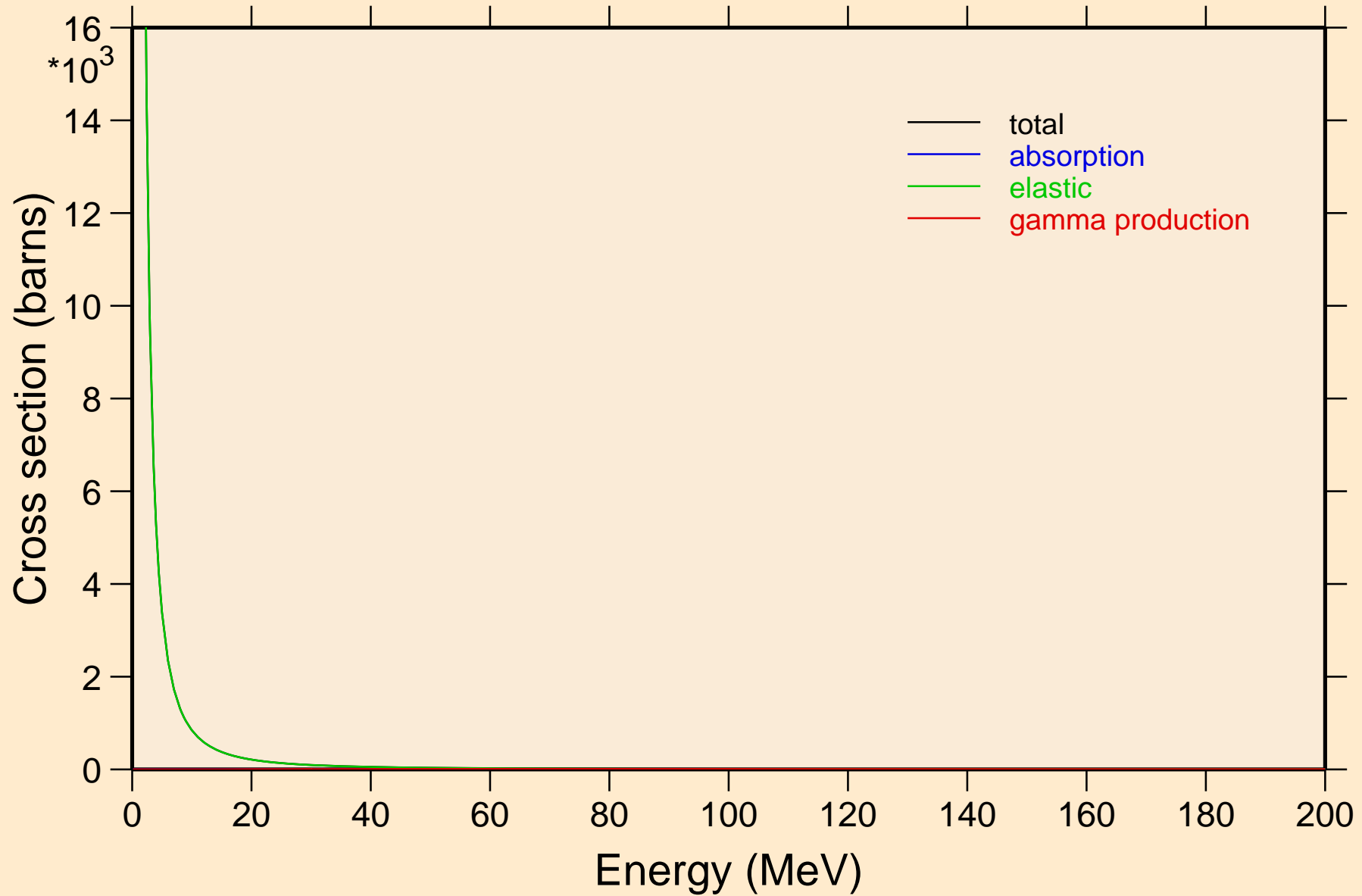
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



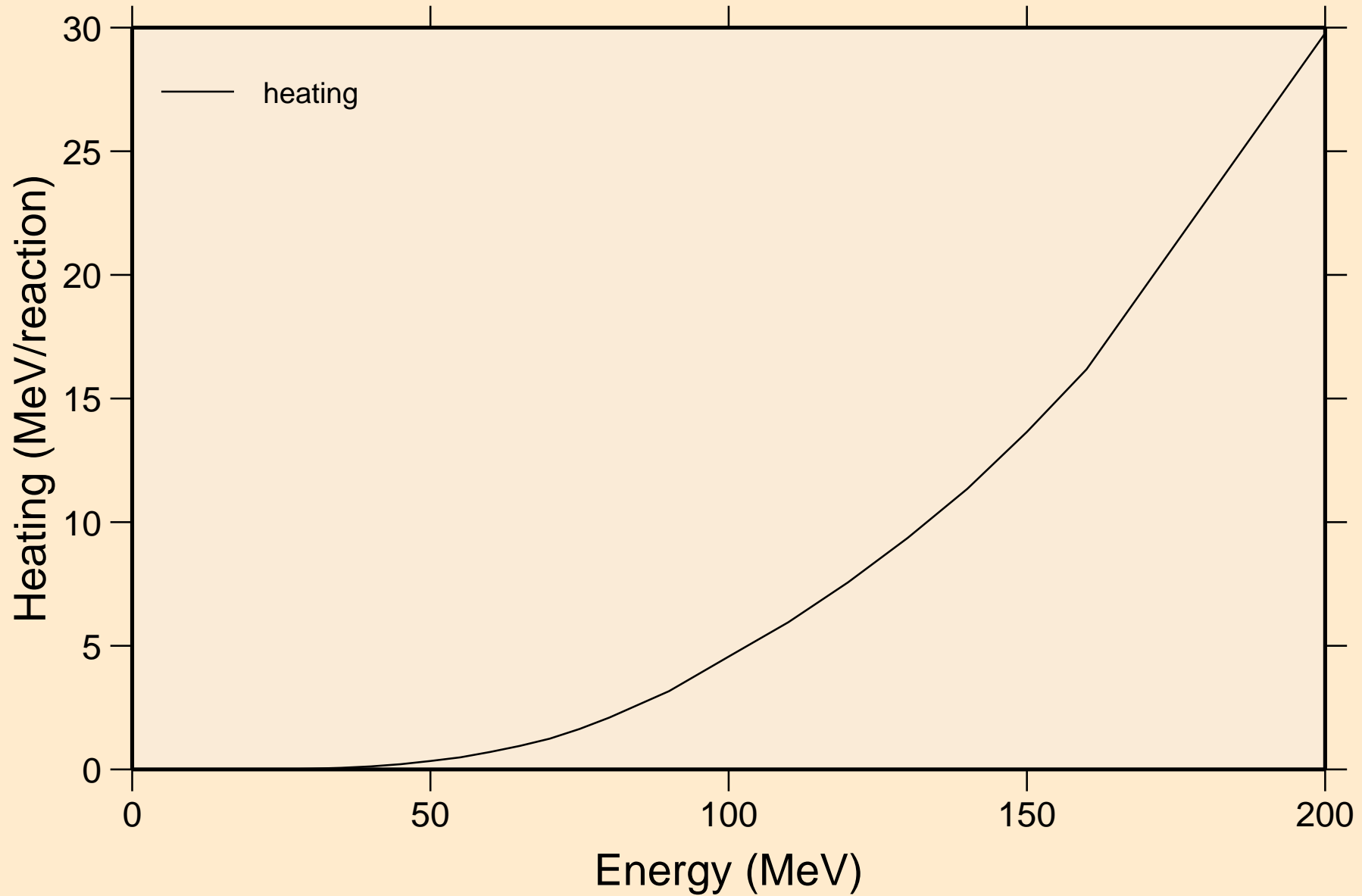
# LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

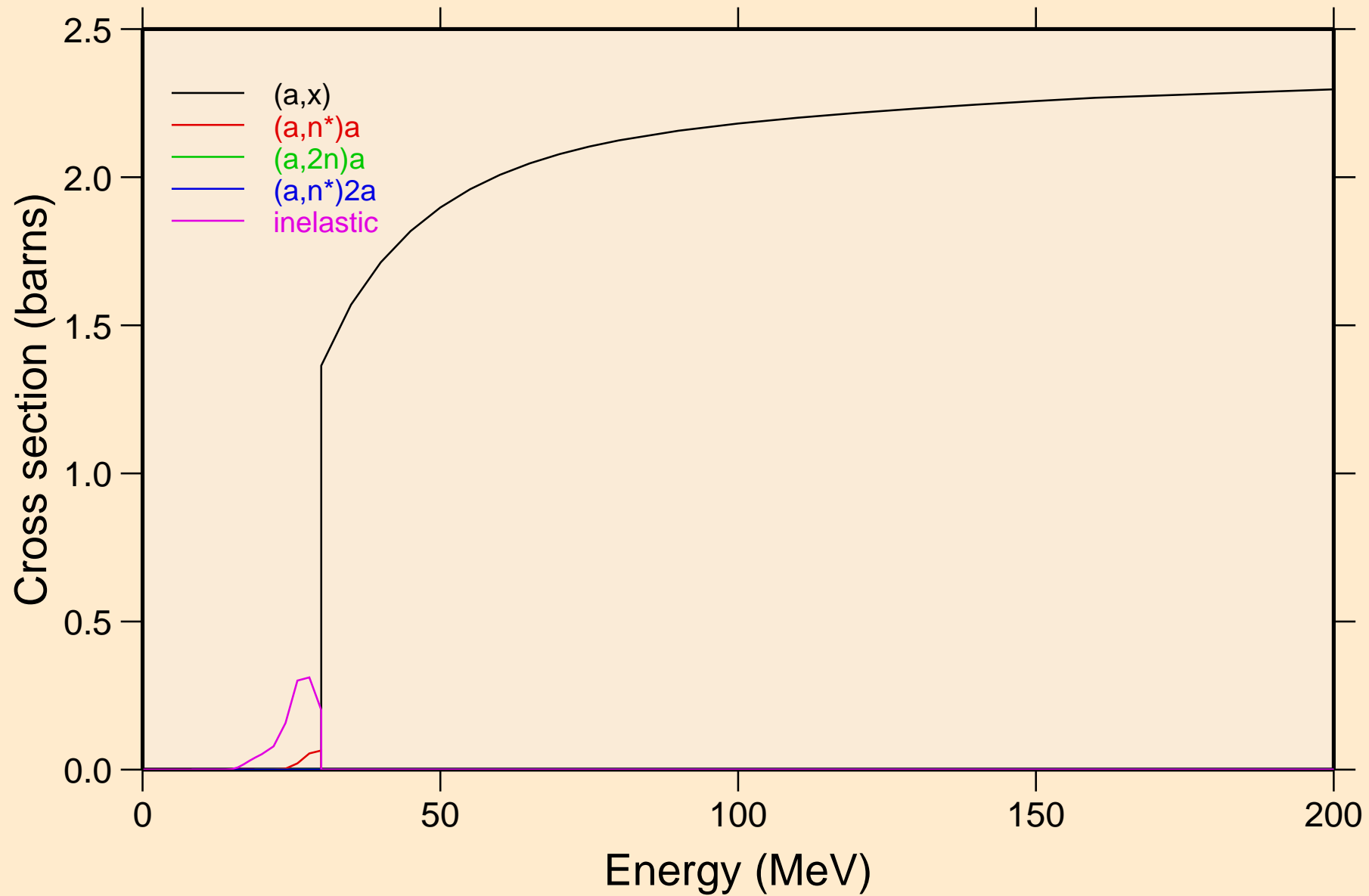


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

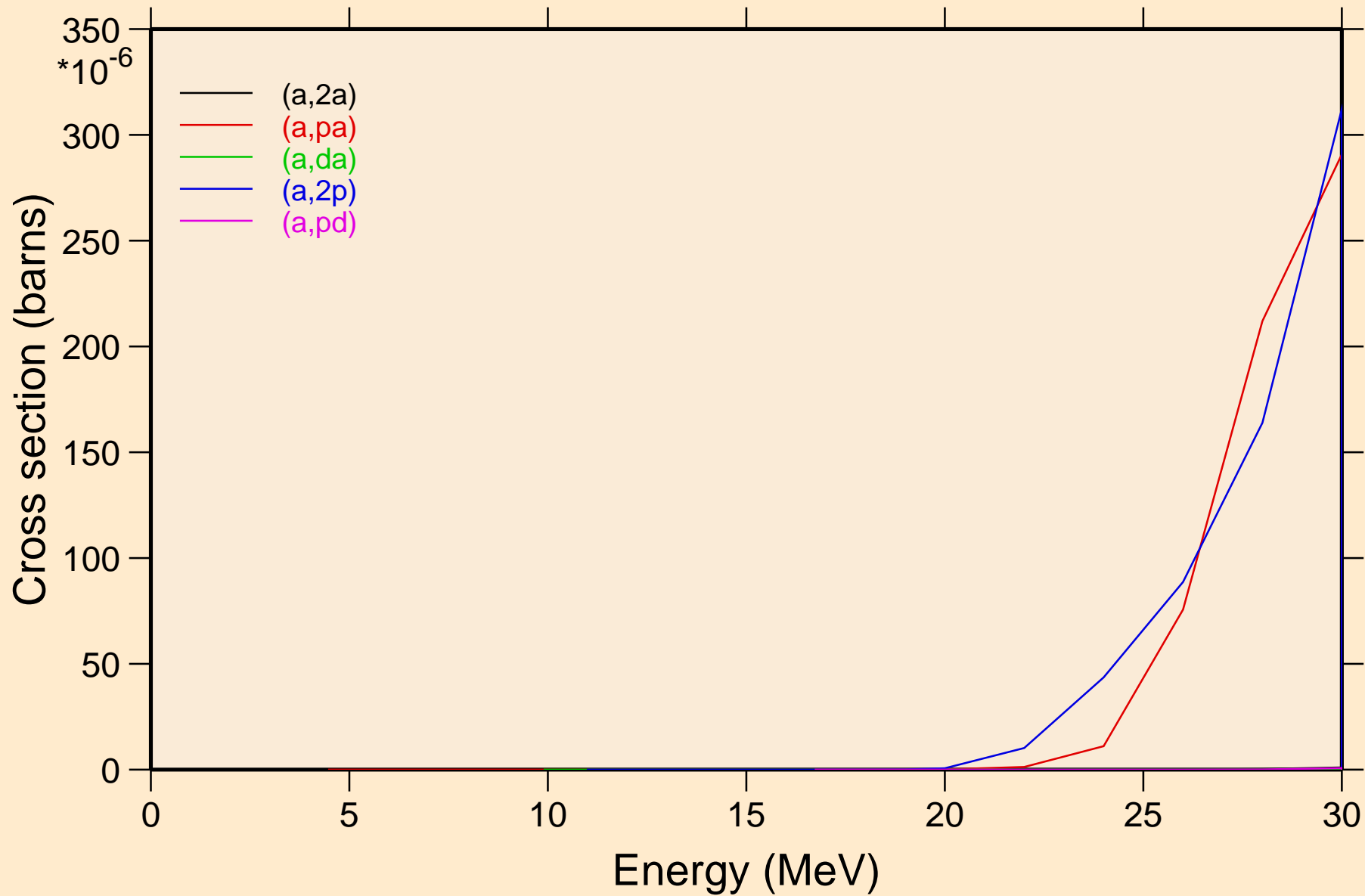
Heating



LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

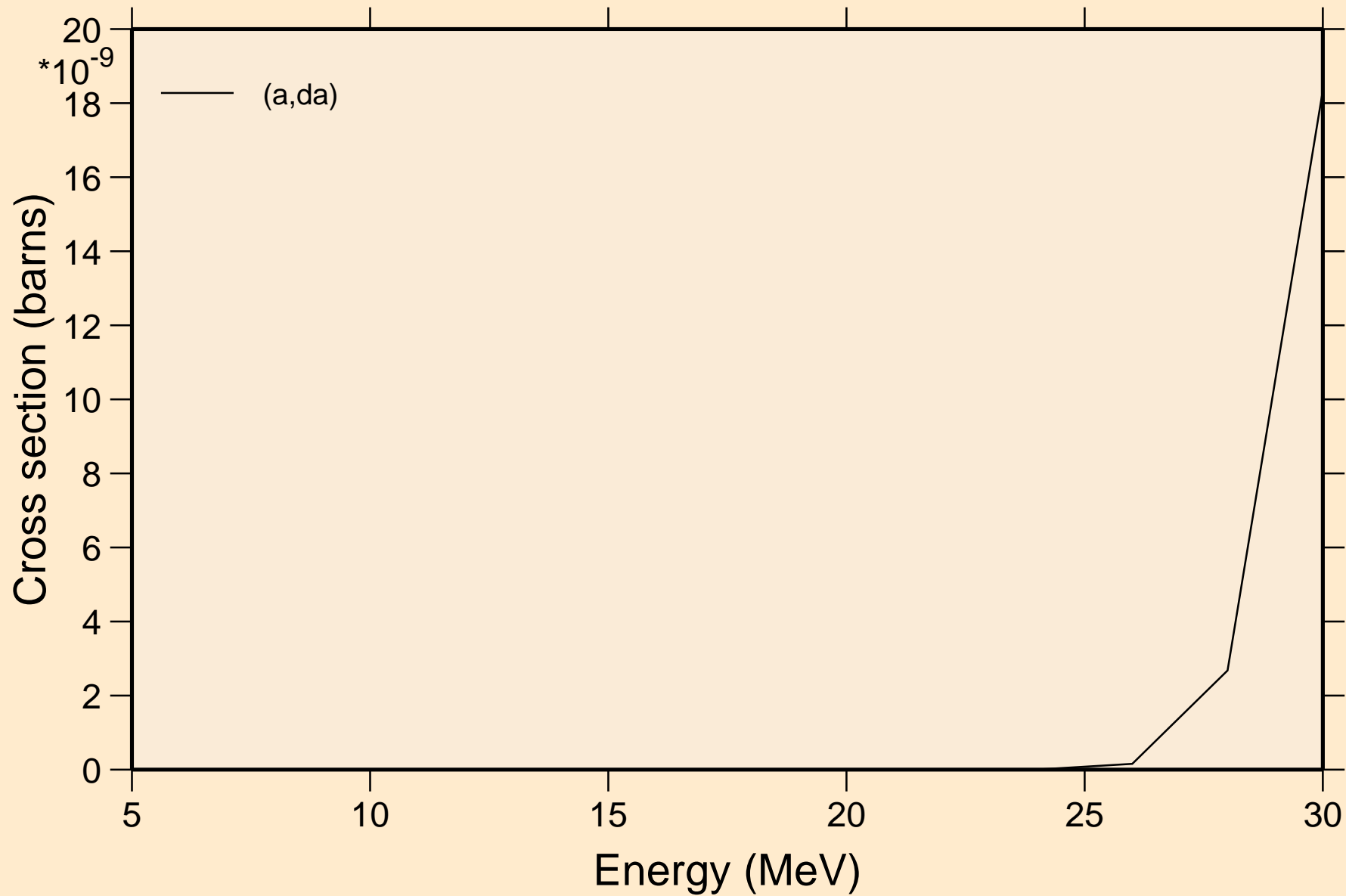


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

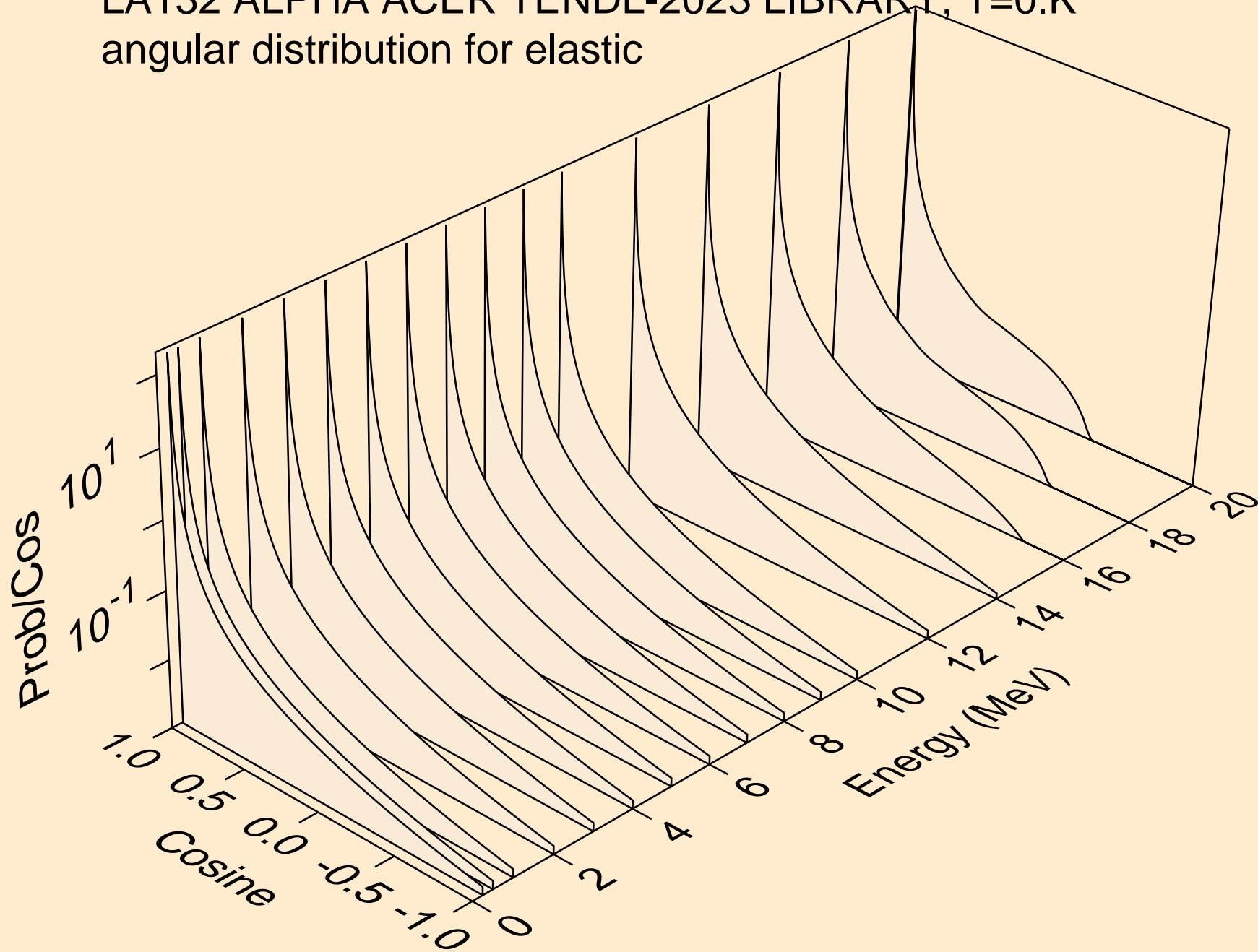


# LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

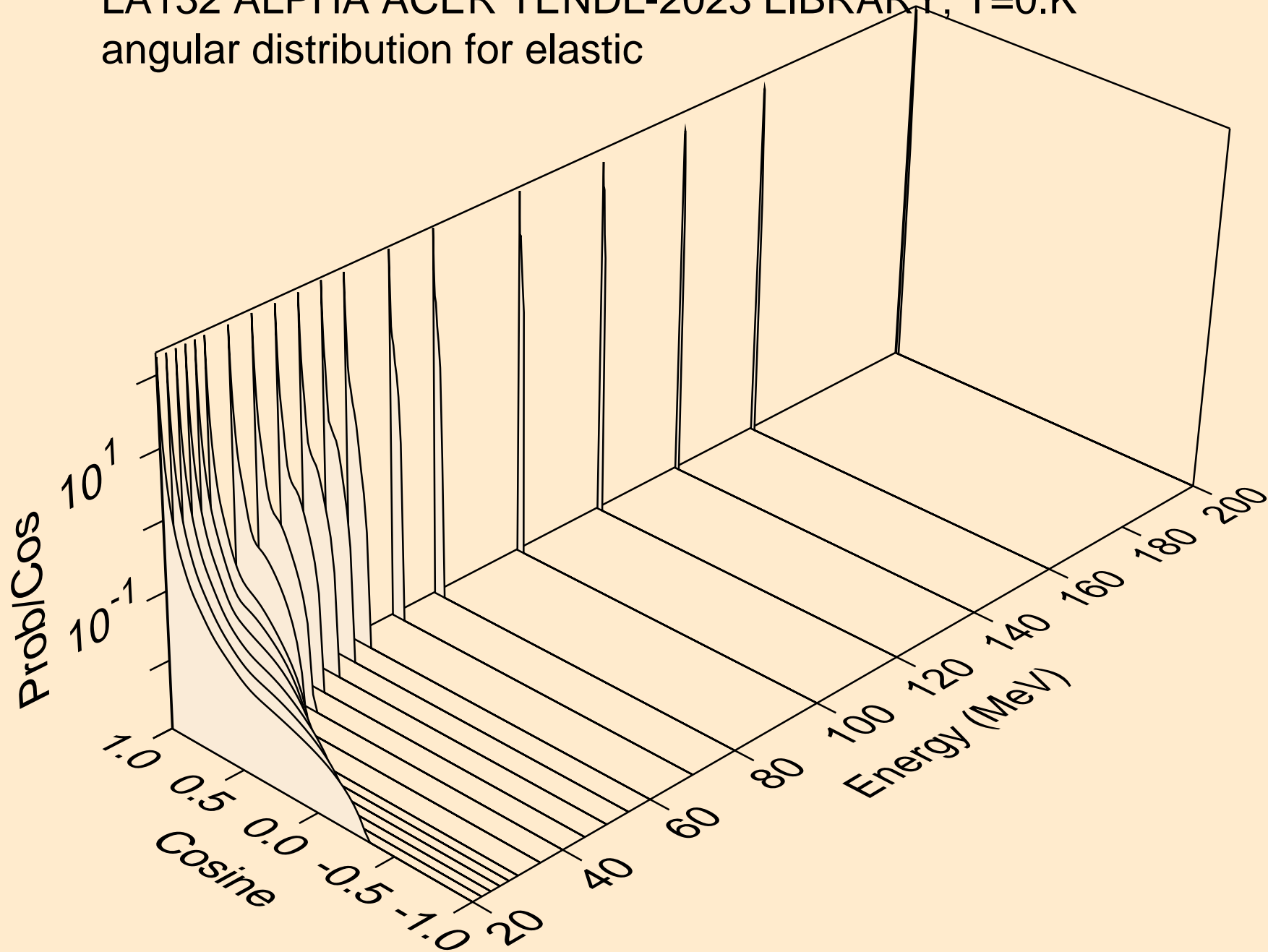


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



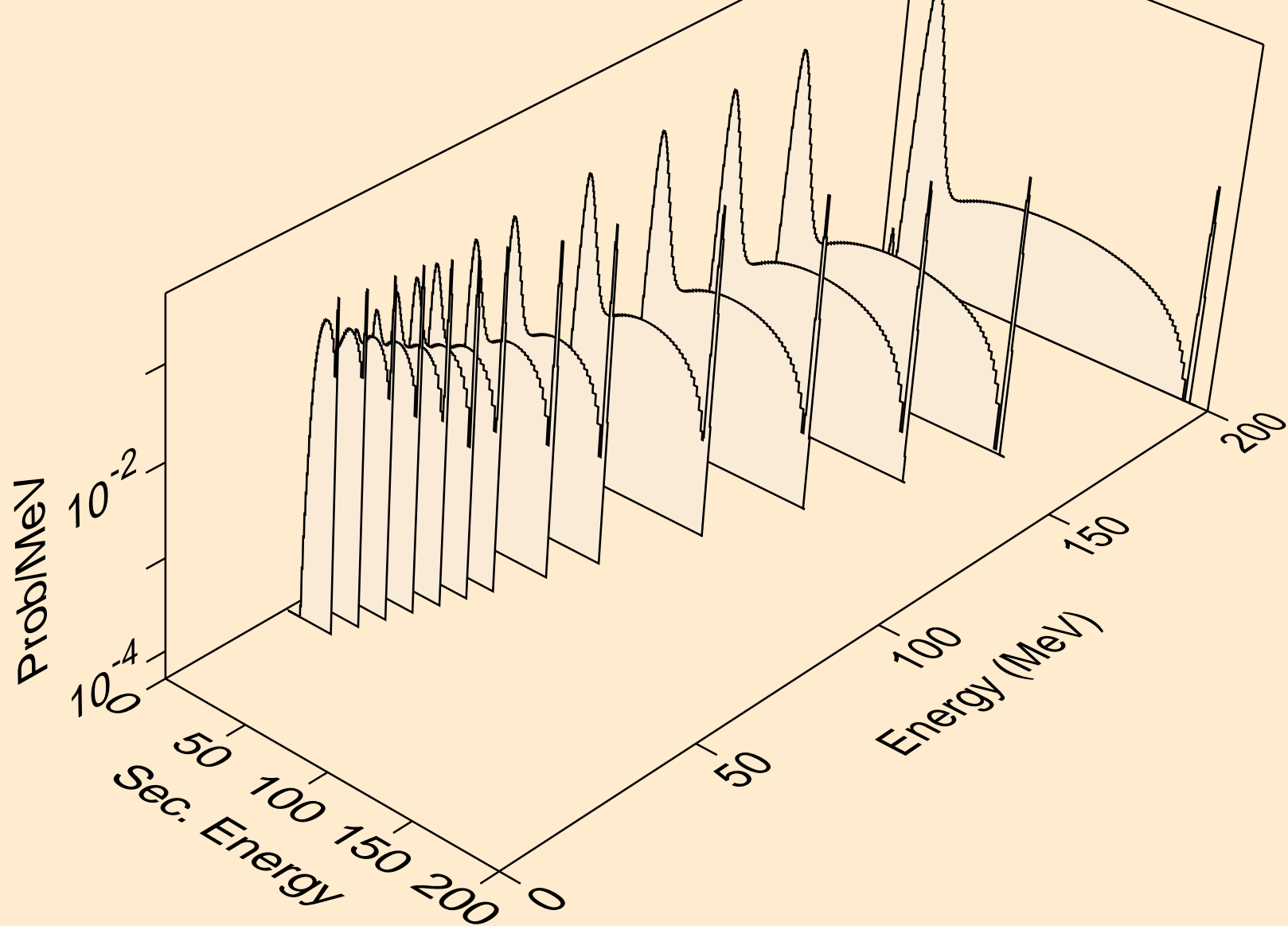


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



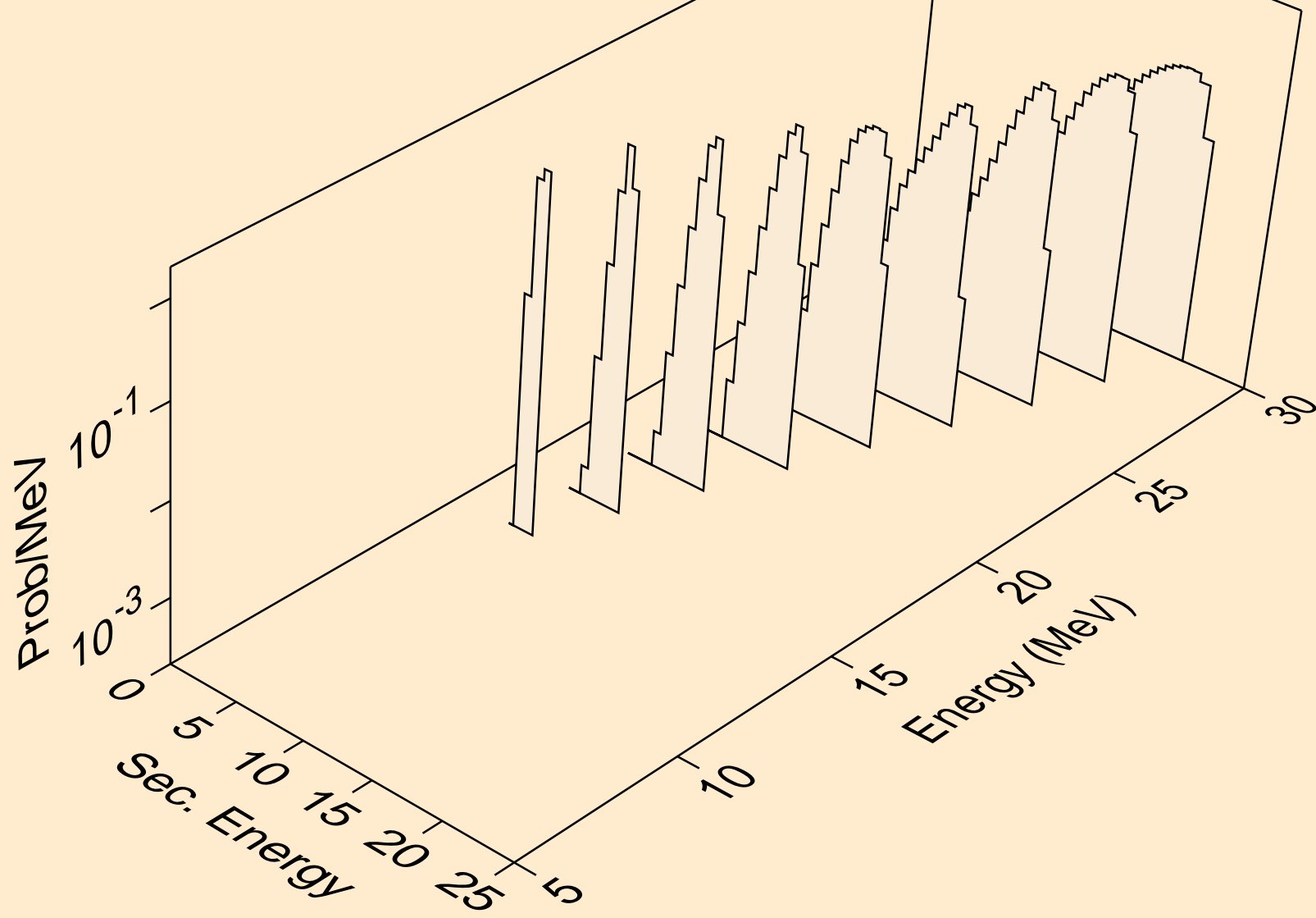
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



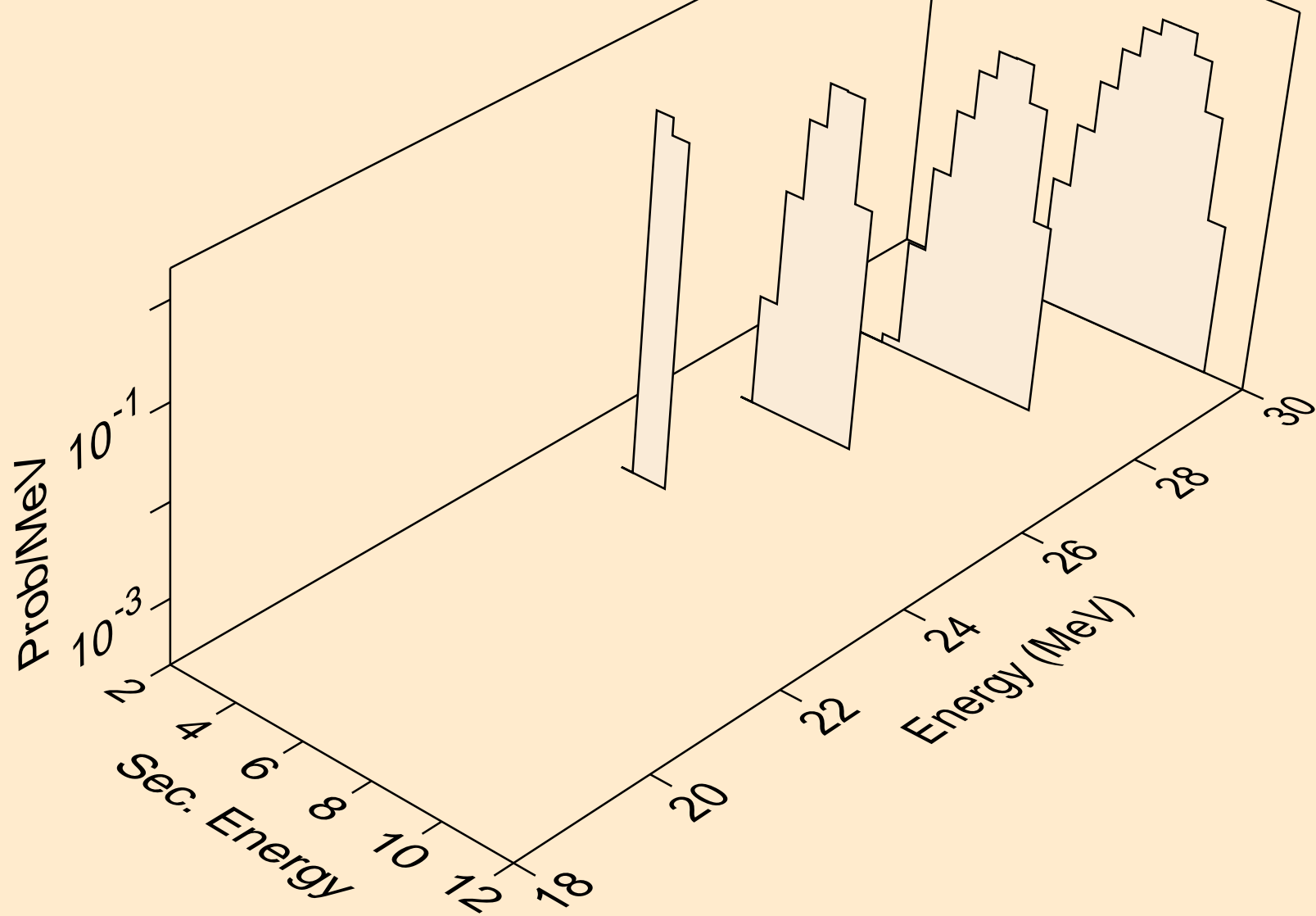
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n\*)a

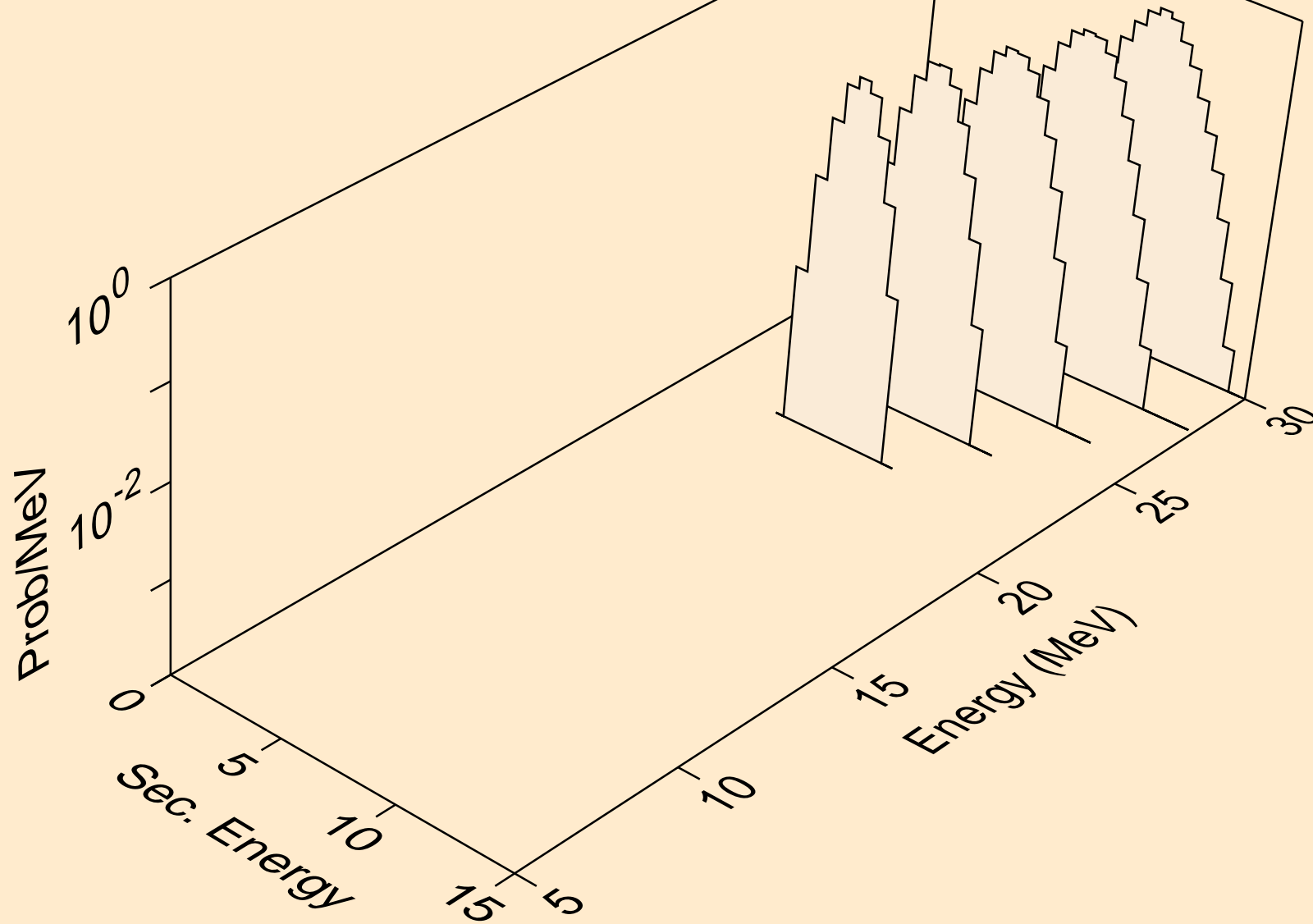


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

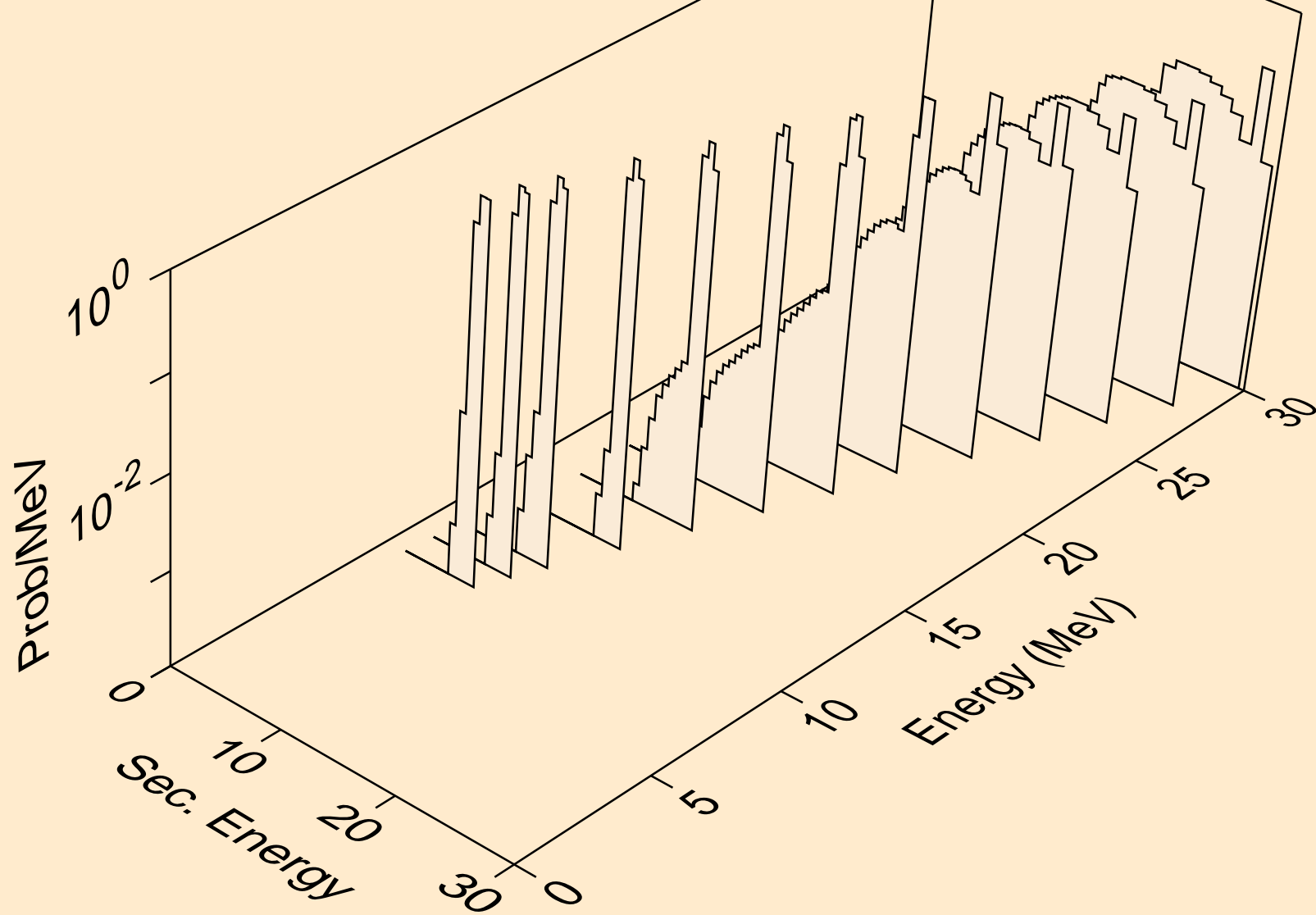
Alpha emission for (a,2n)a



LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a

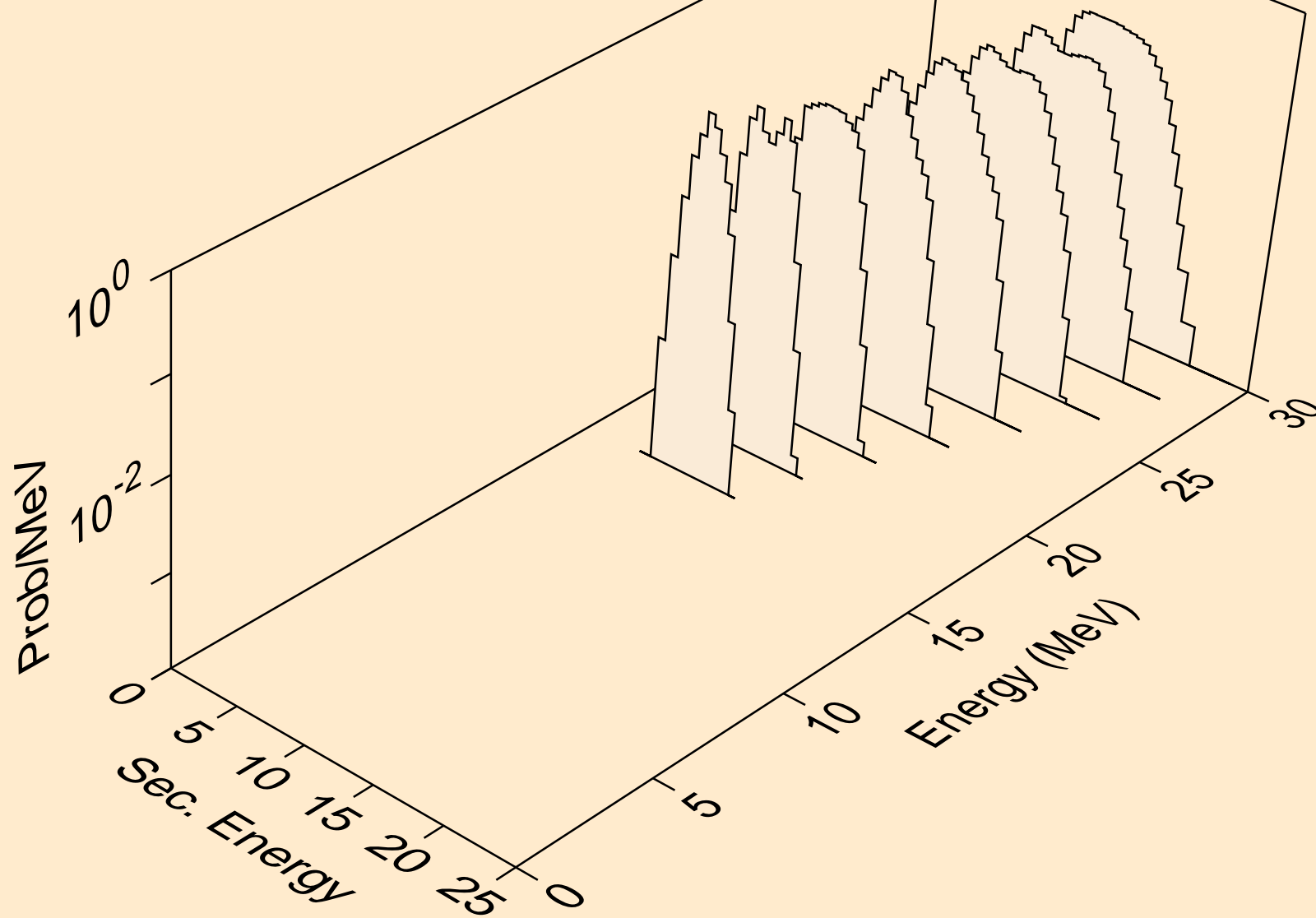


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



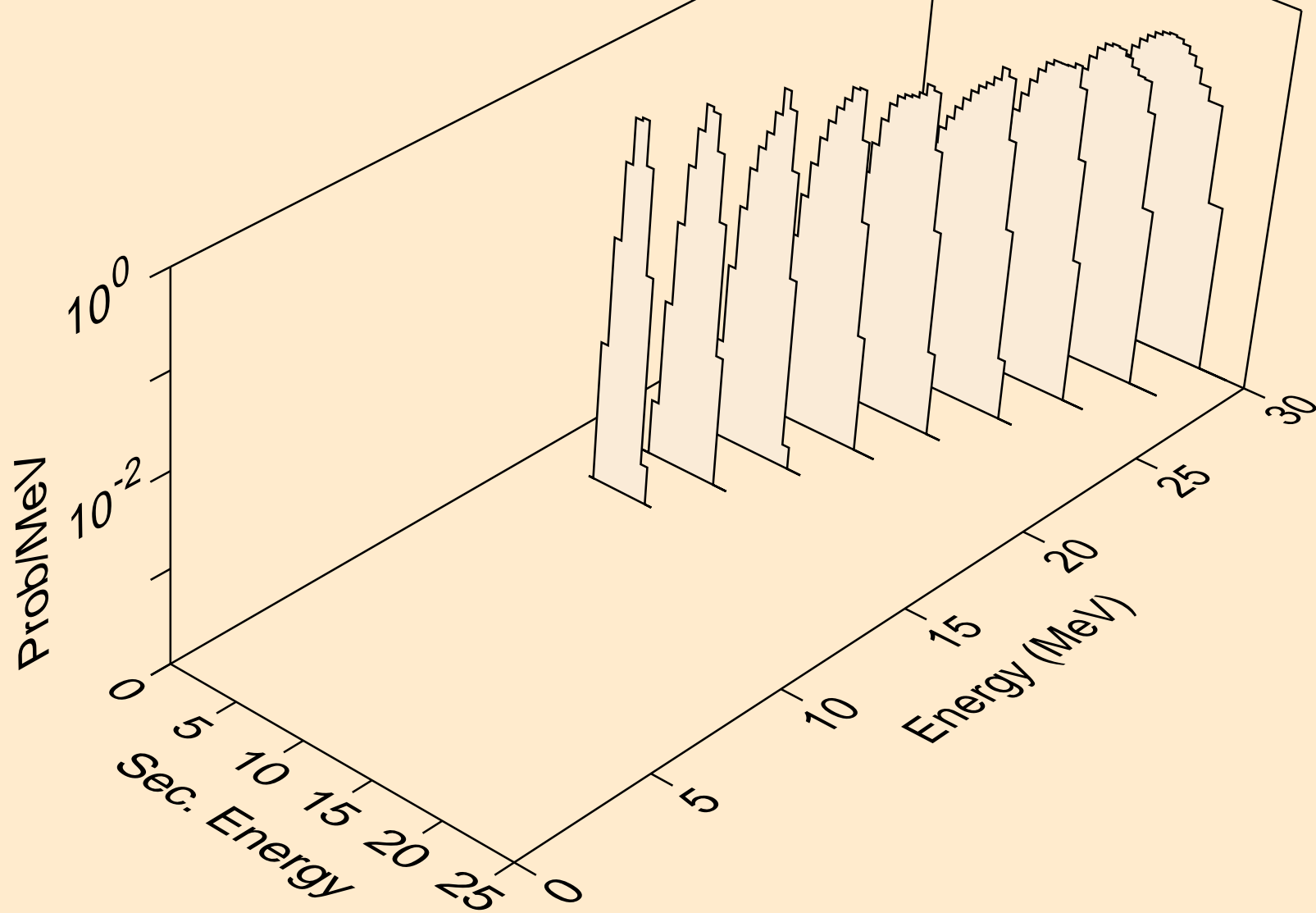
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2a)



# LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

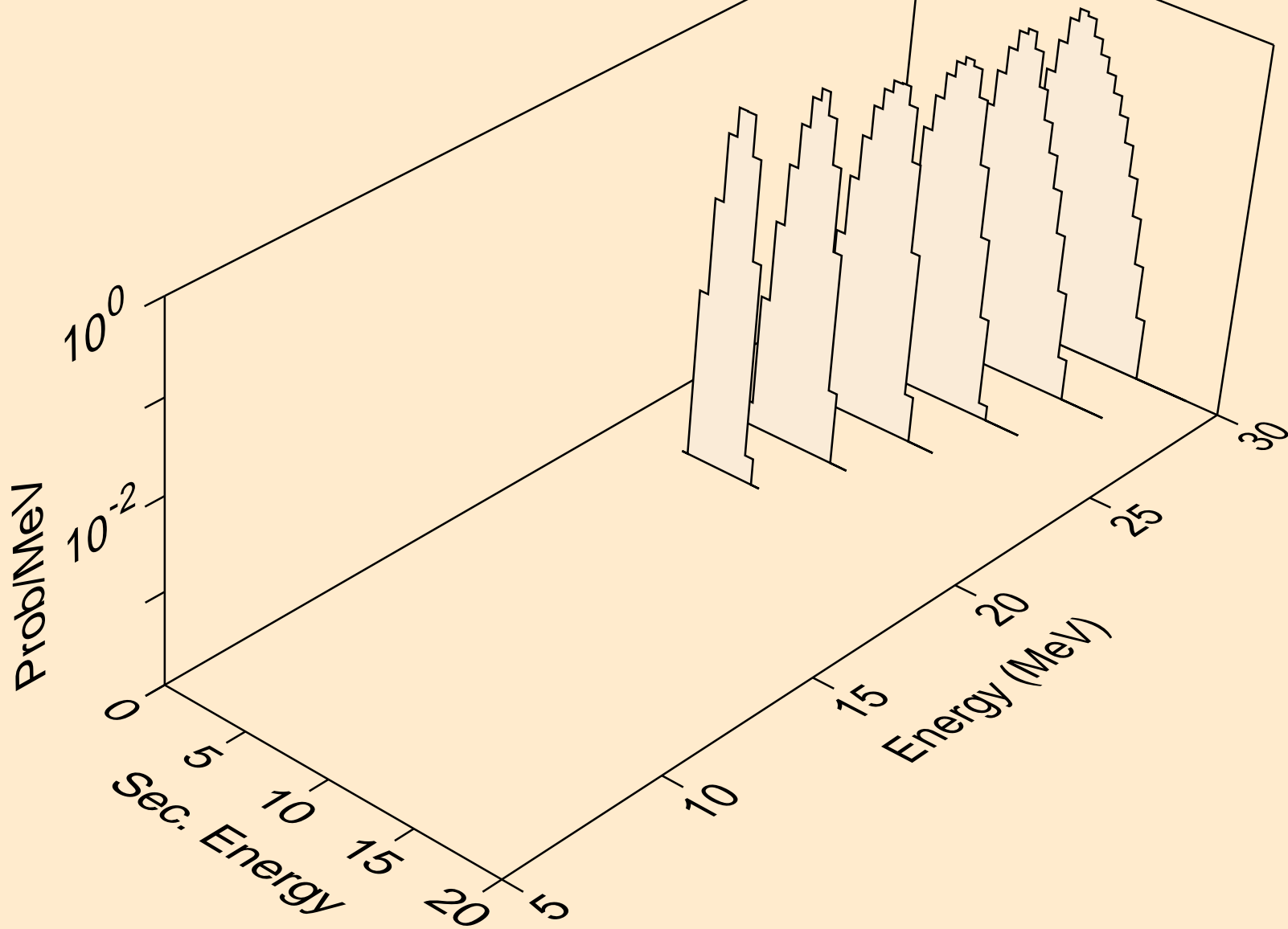
Alpha emission for (a,pa)



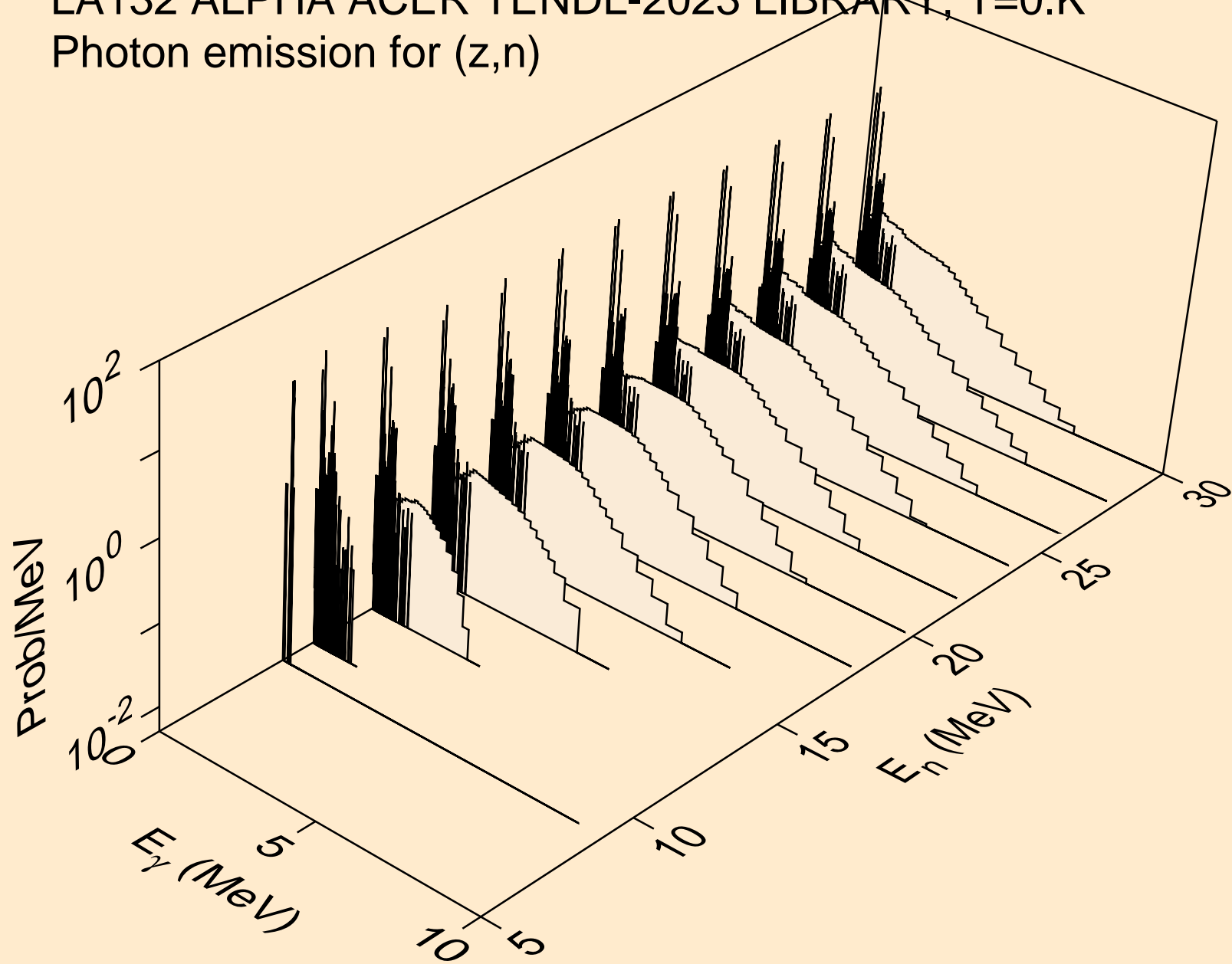


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,da)

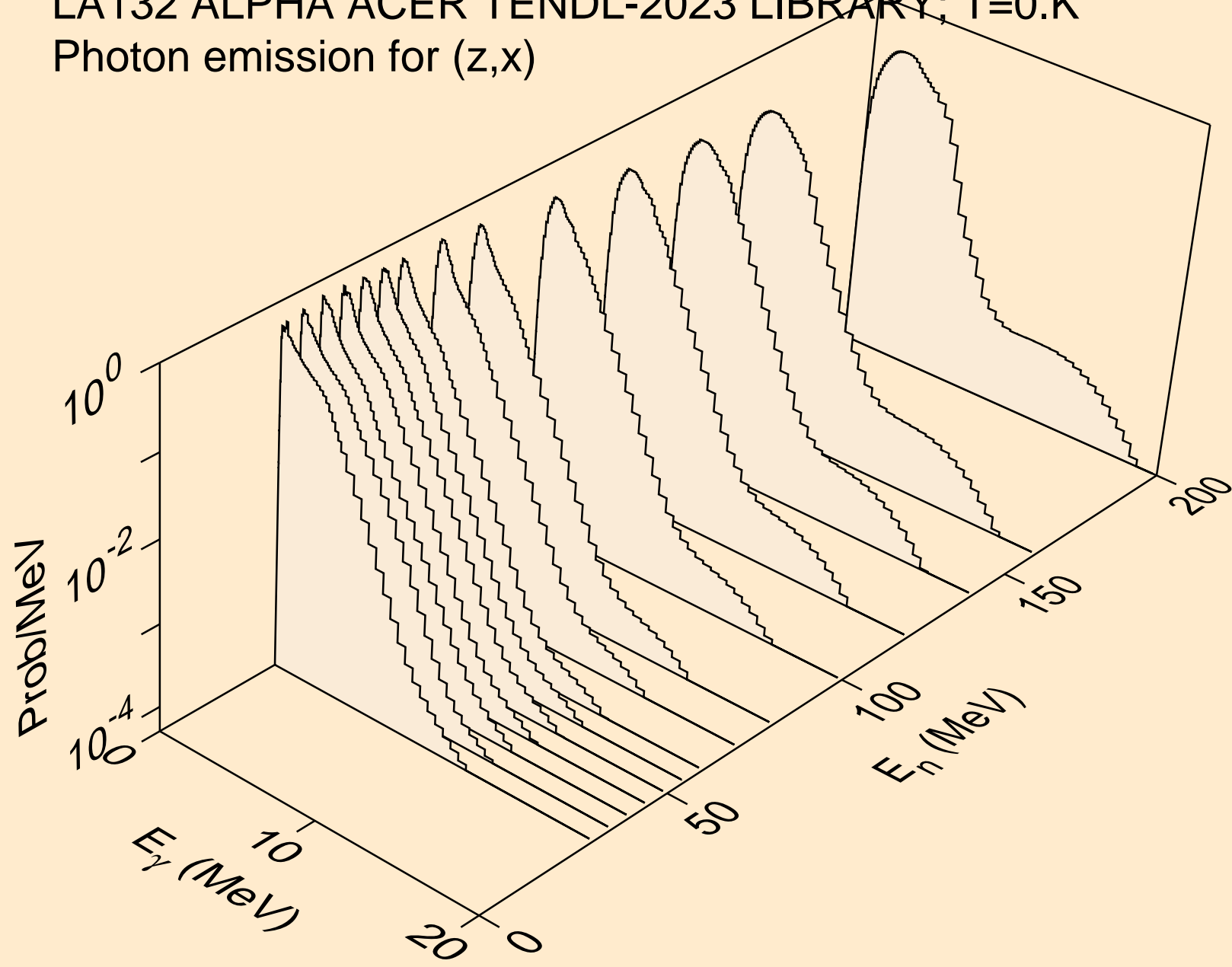


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

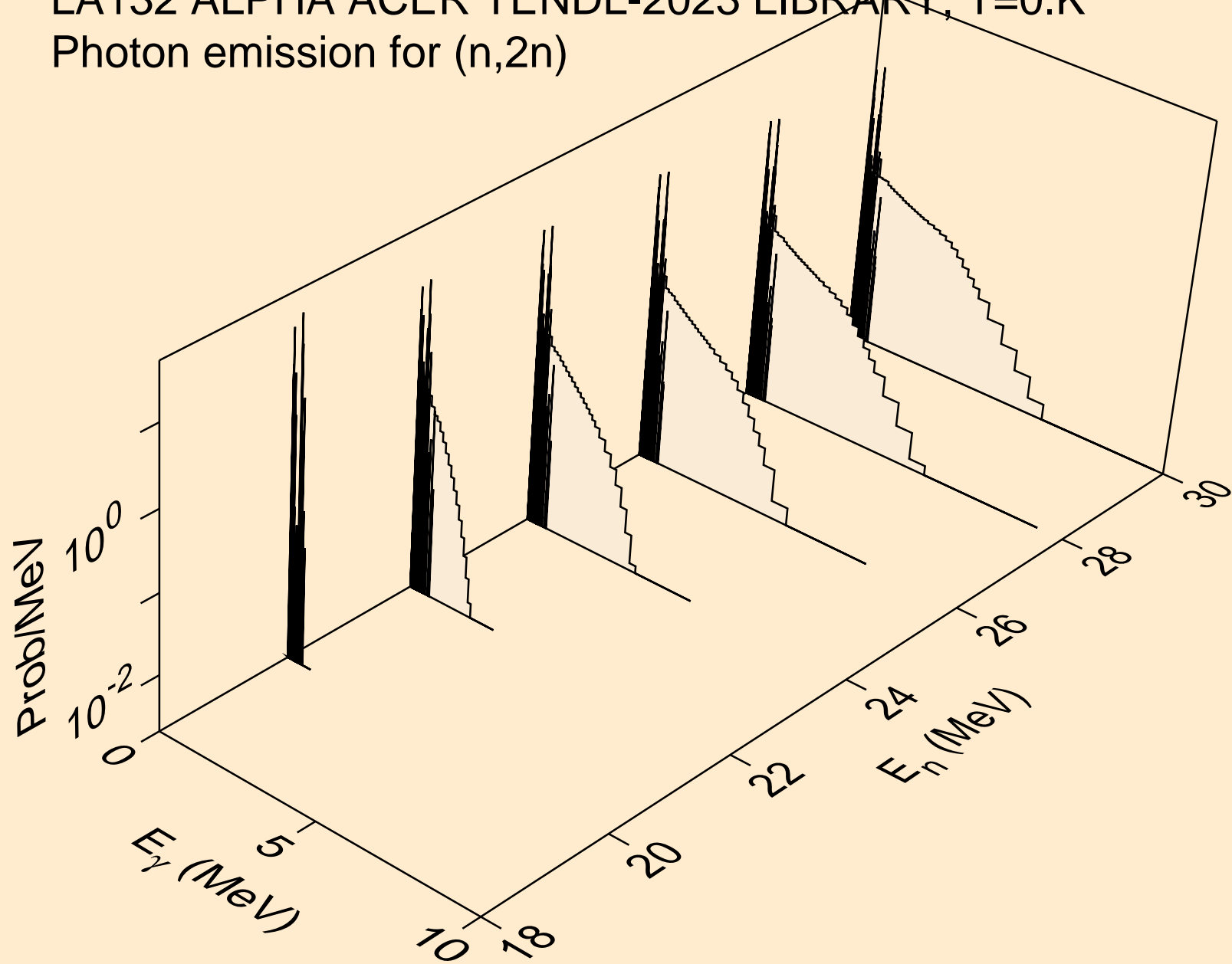


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

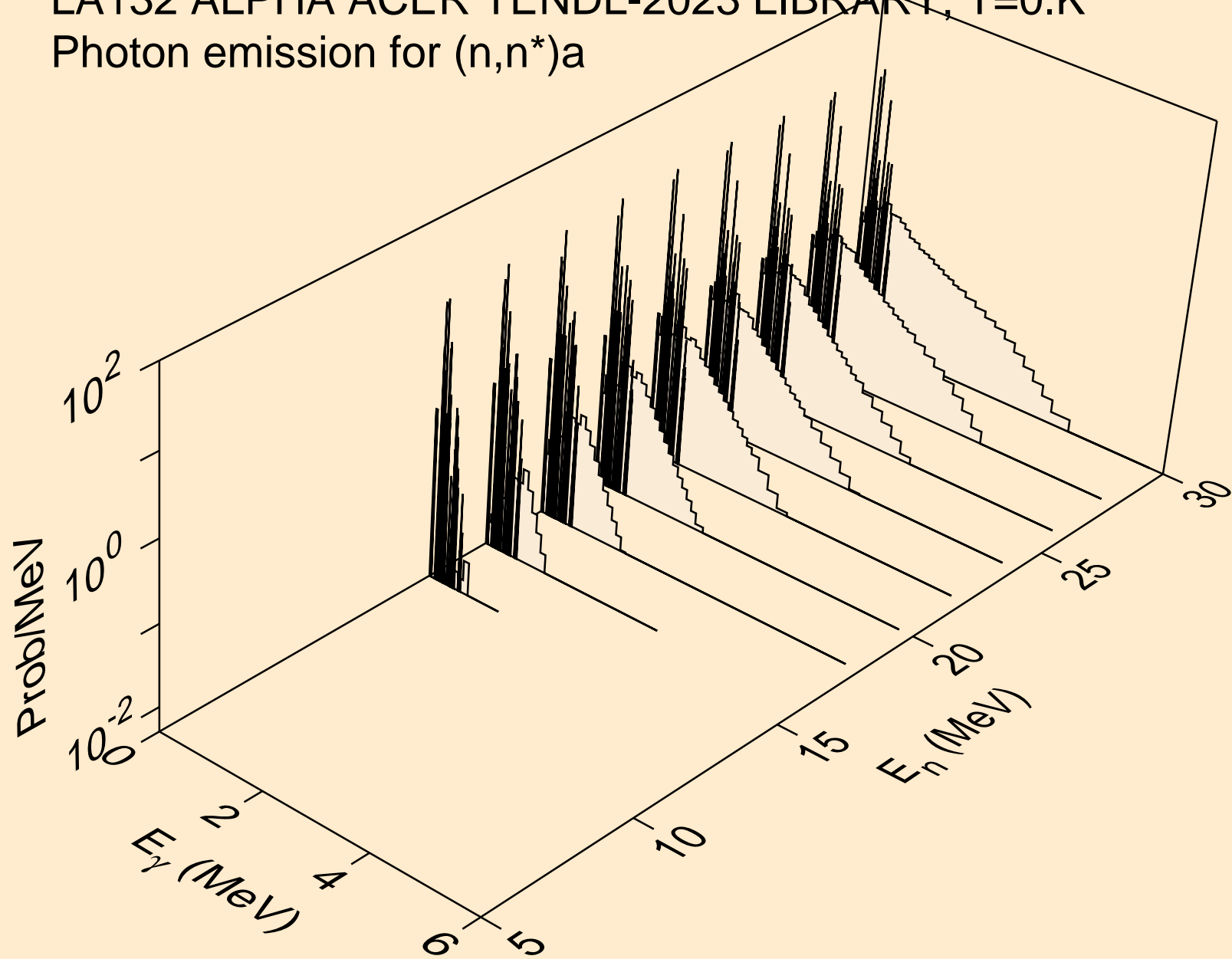
Photon emission for (z,x)



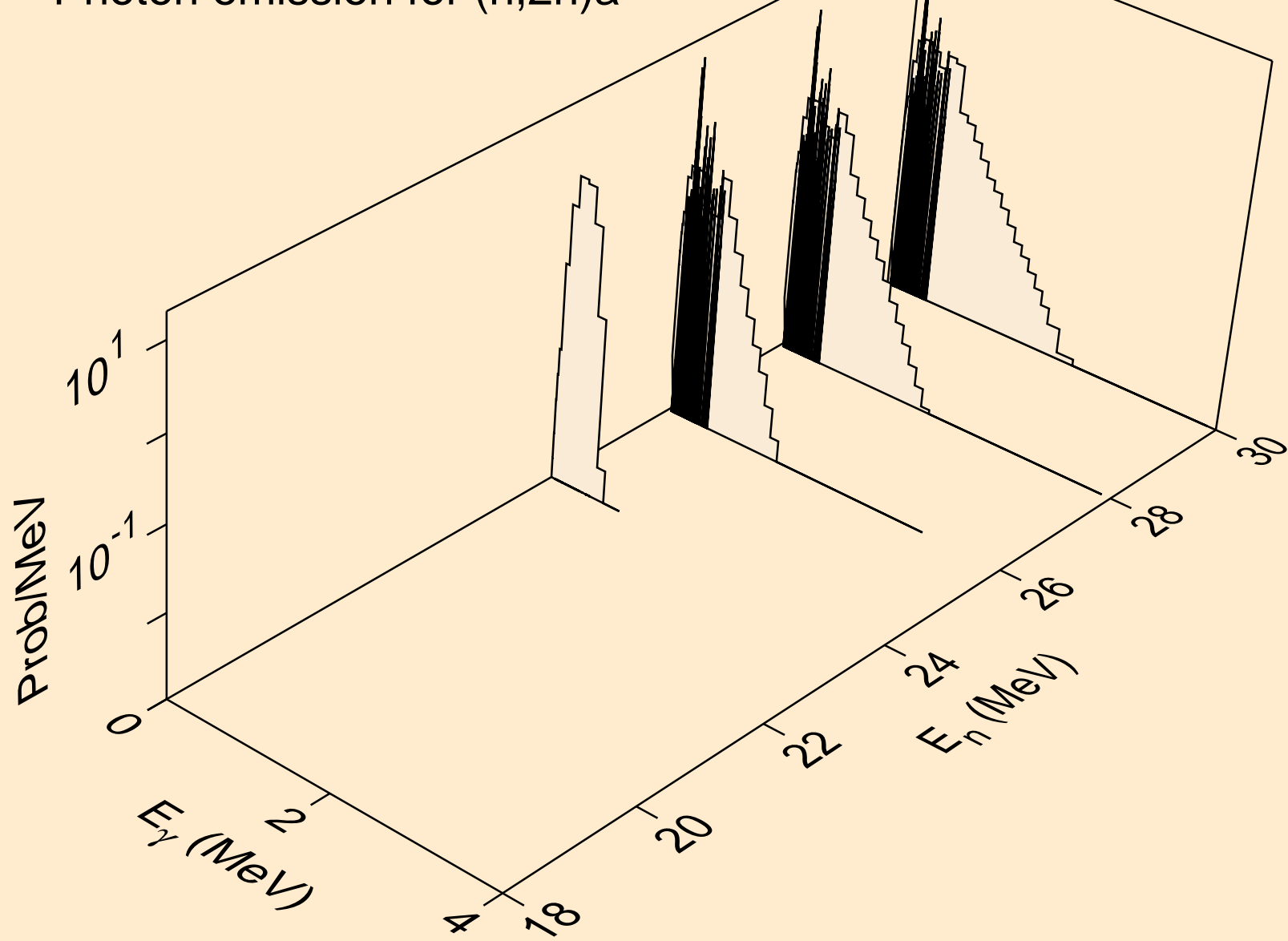
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



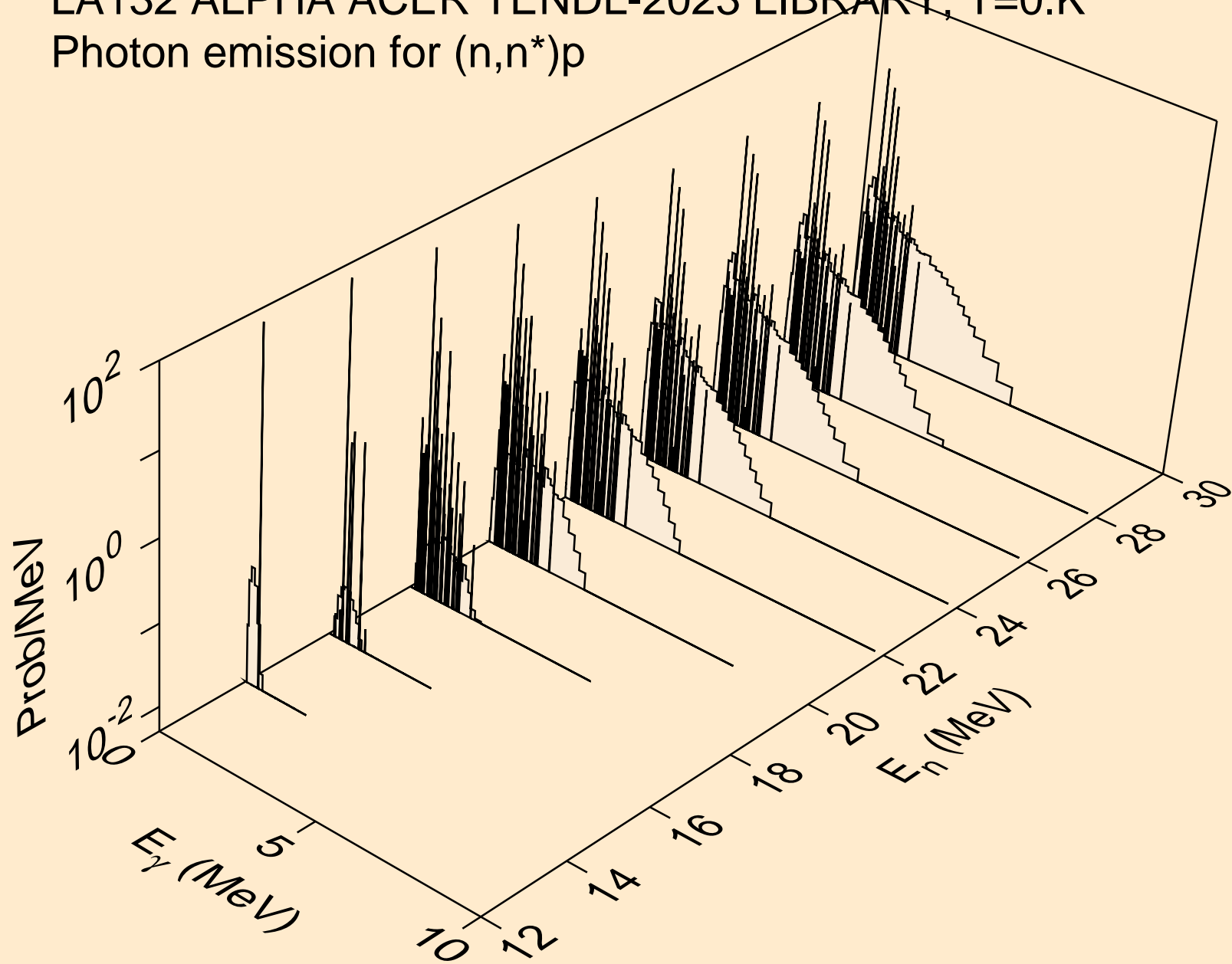
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



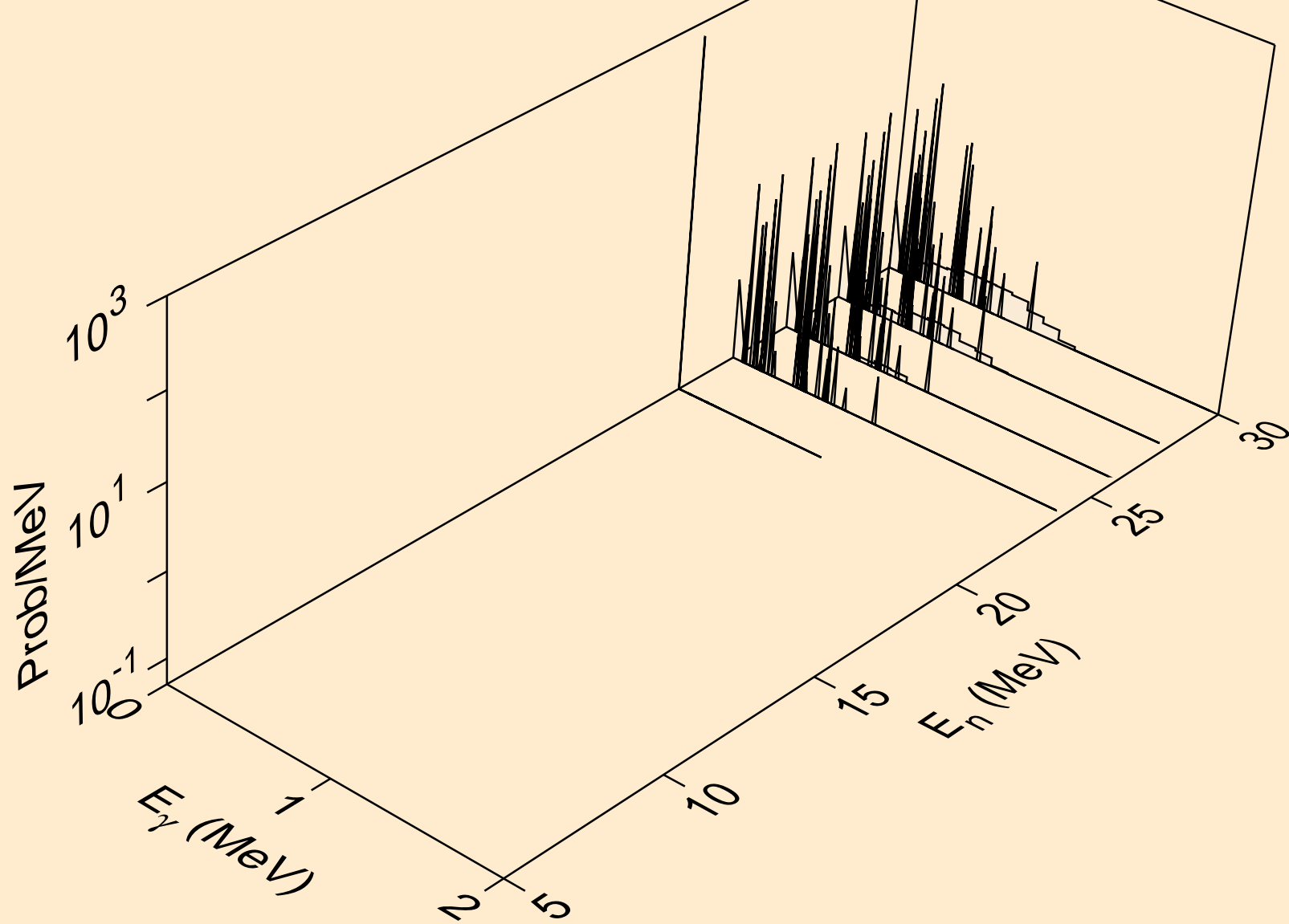
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



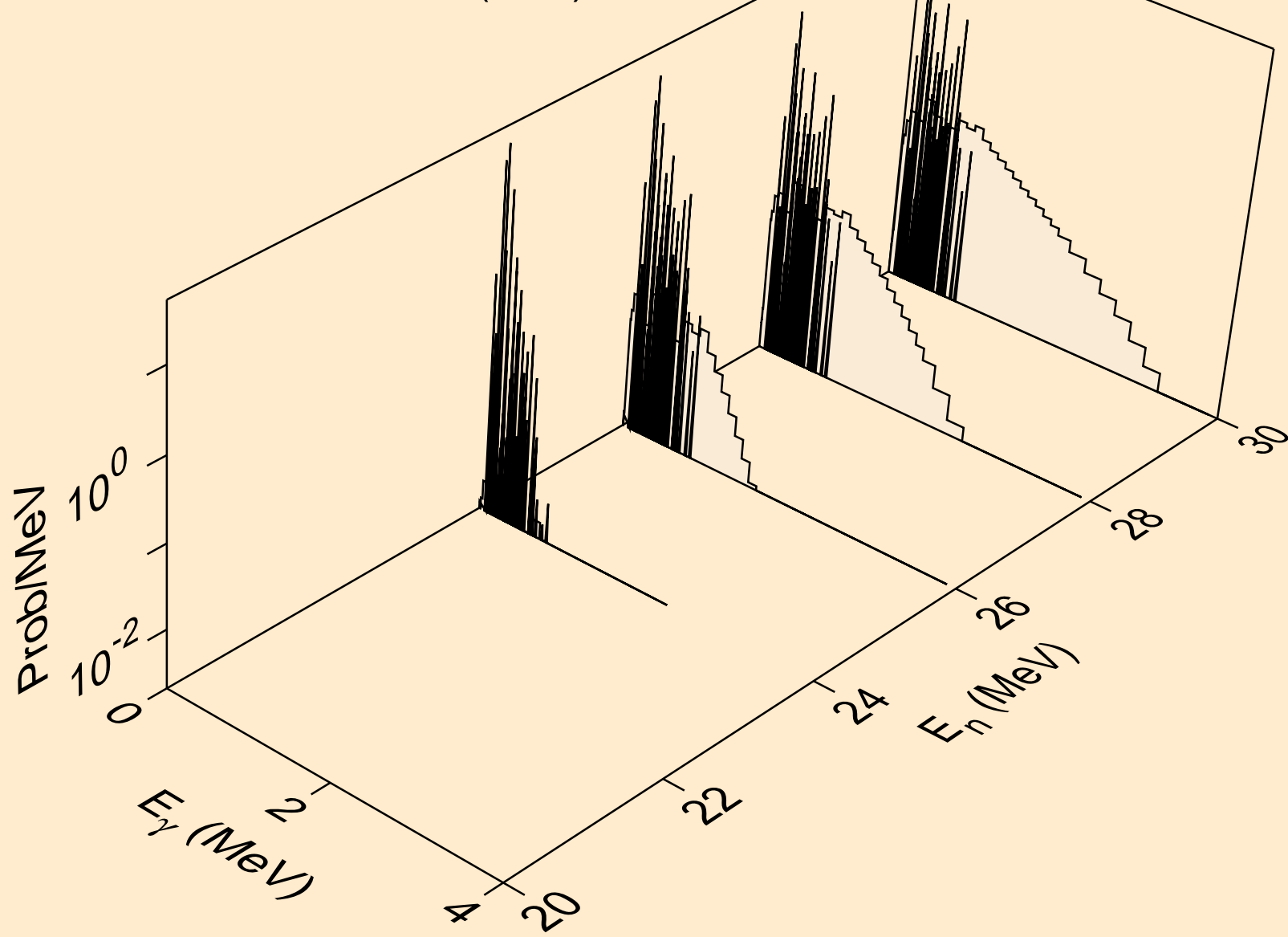
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a





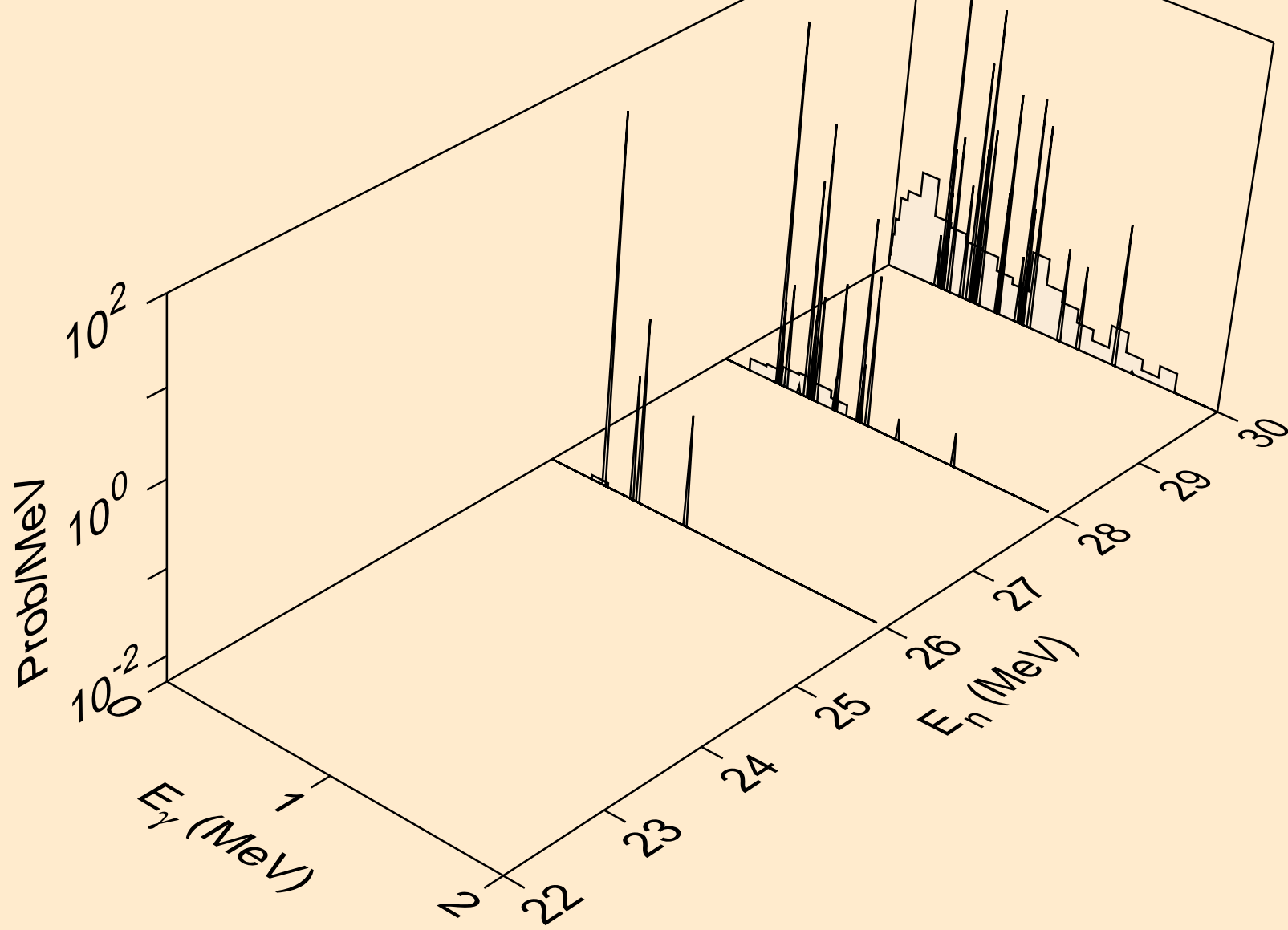
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d

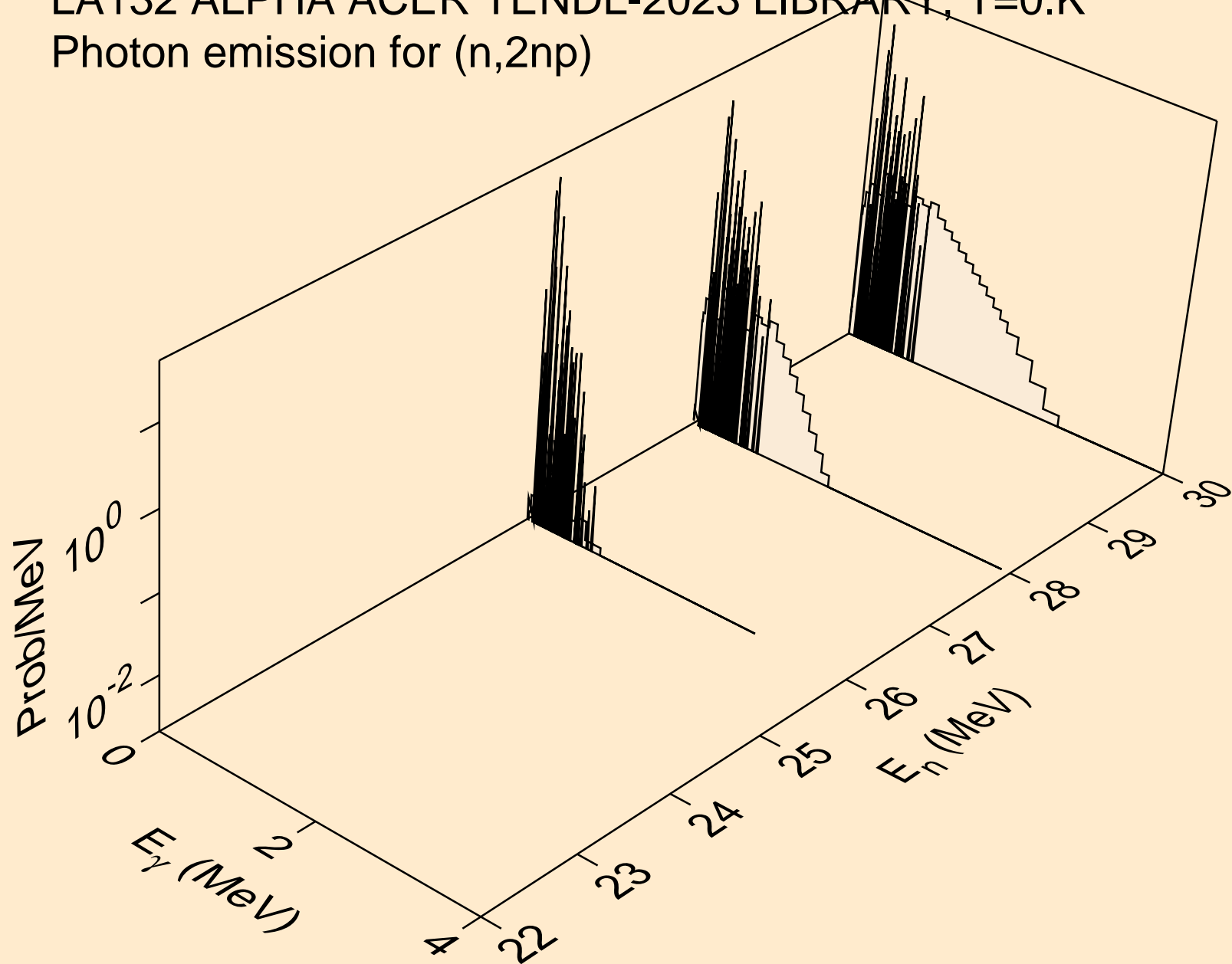


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

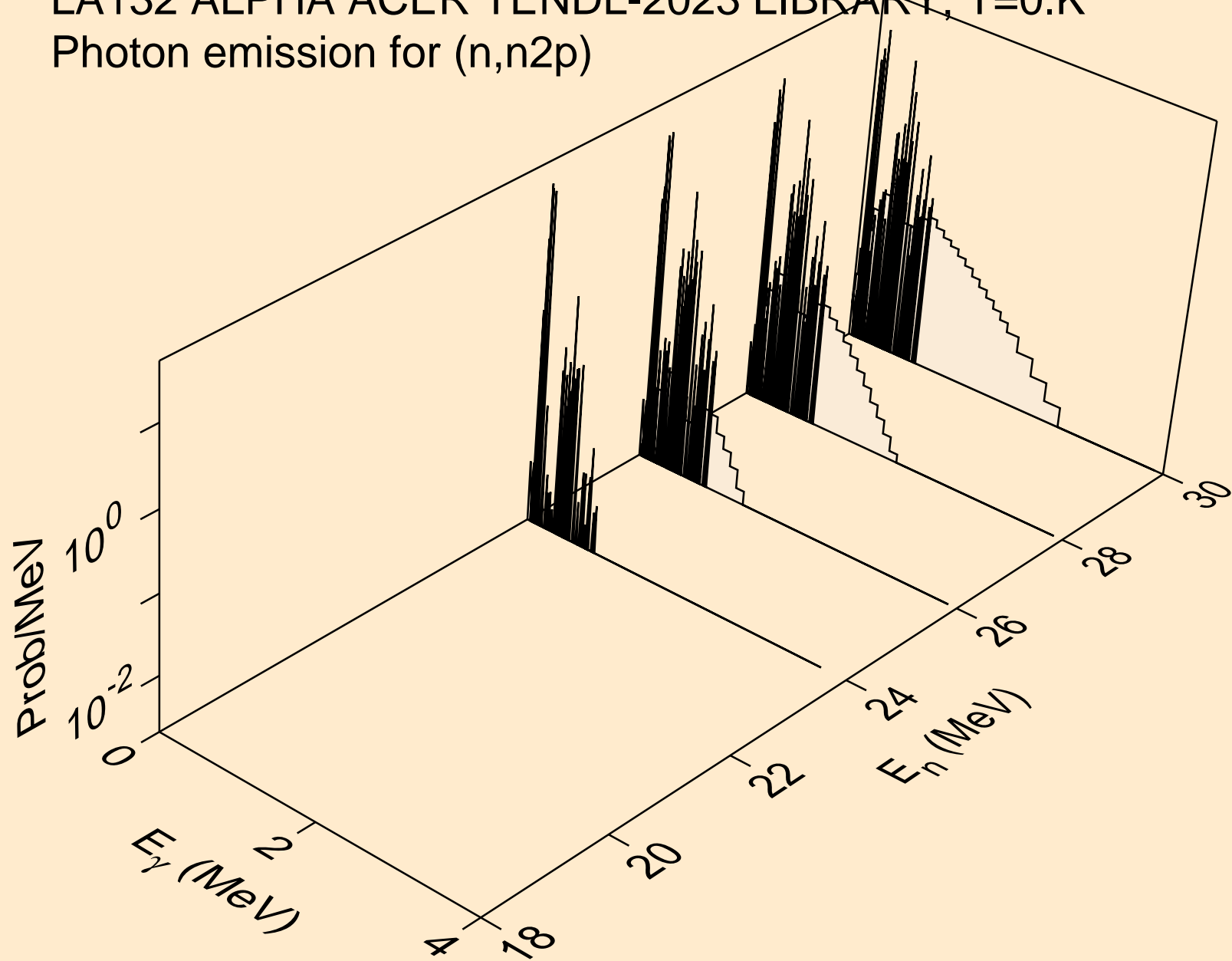
Photon emission for (n,n\*)t



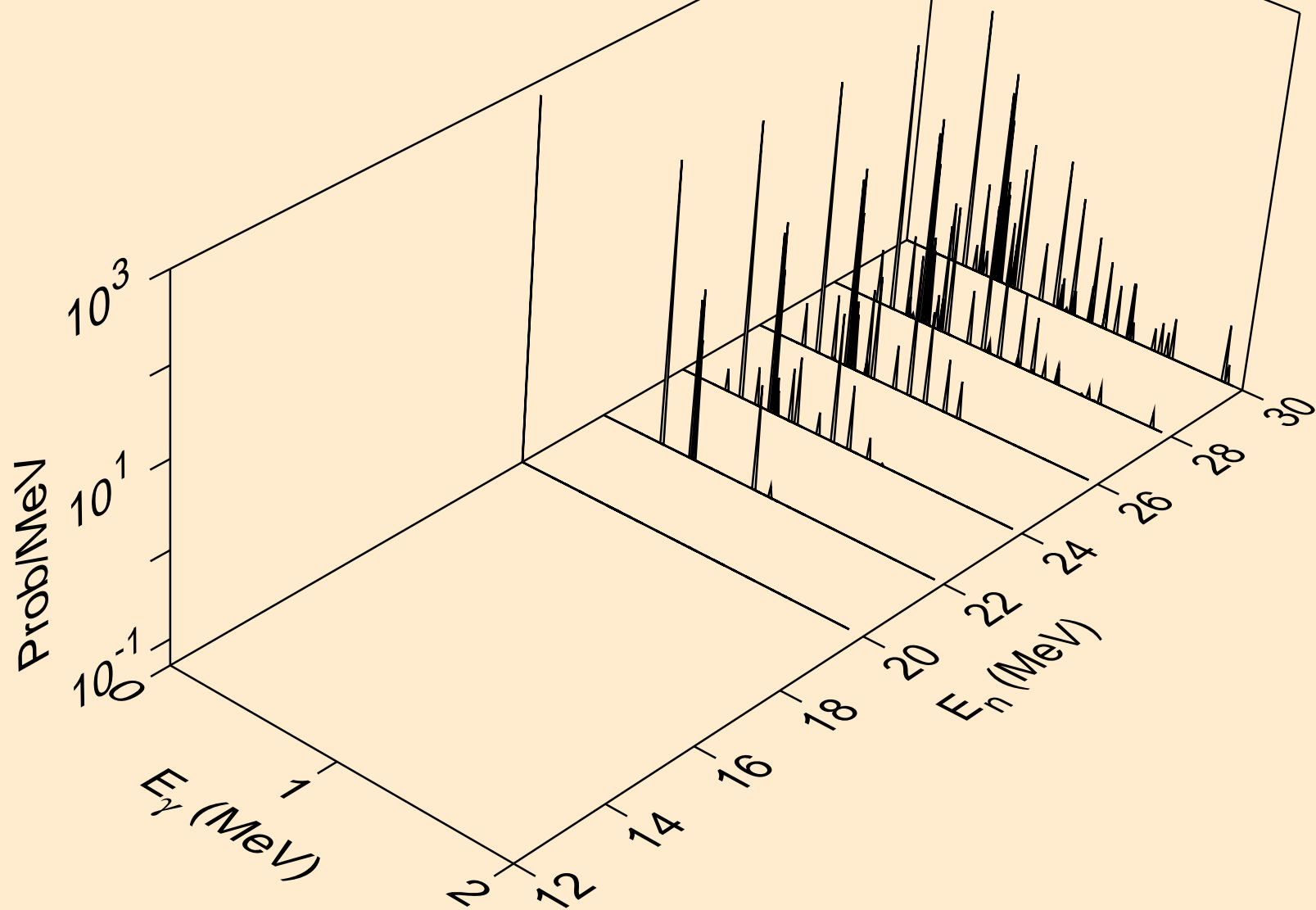
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



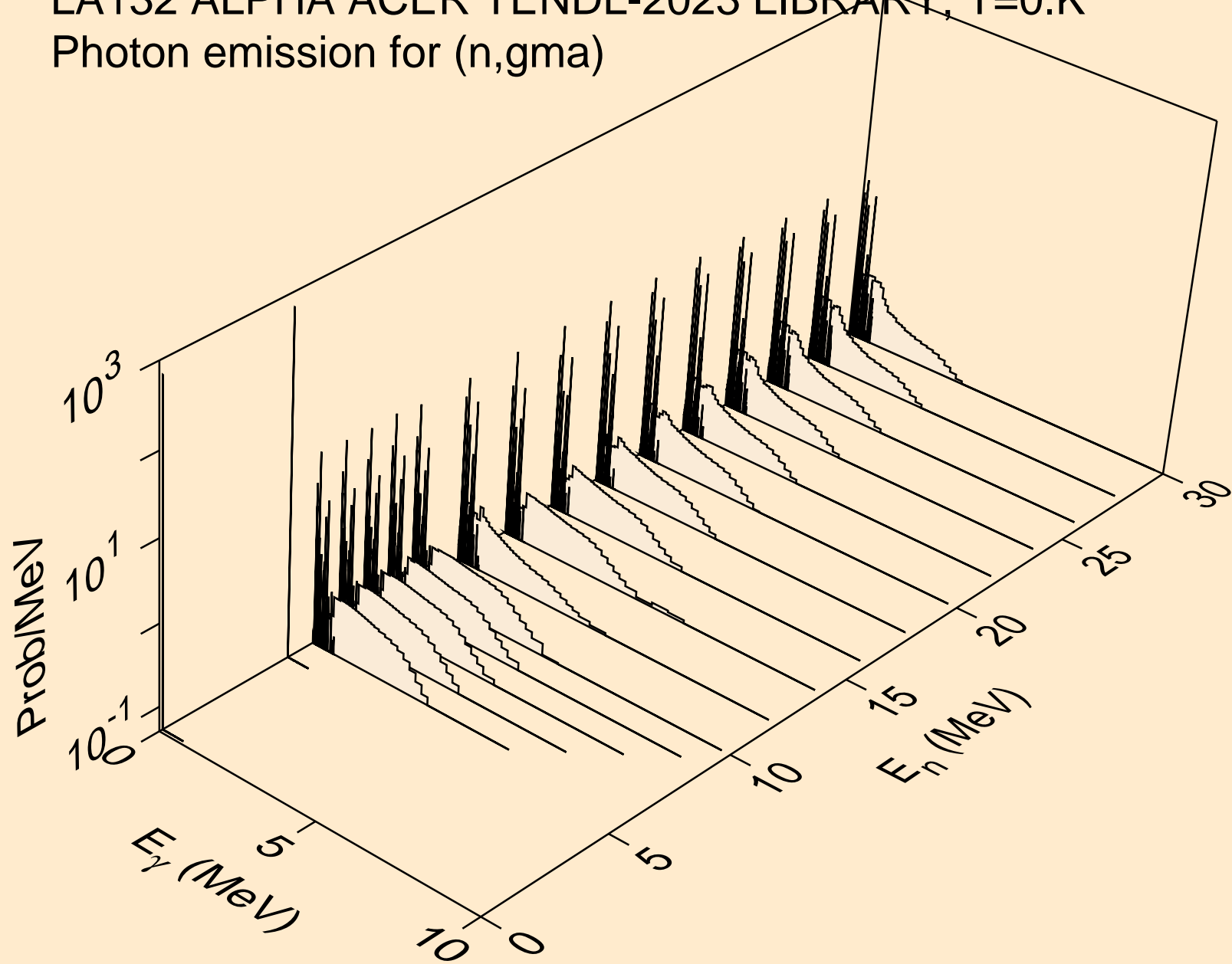
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



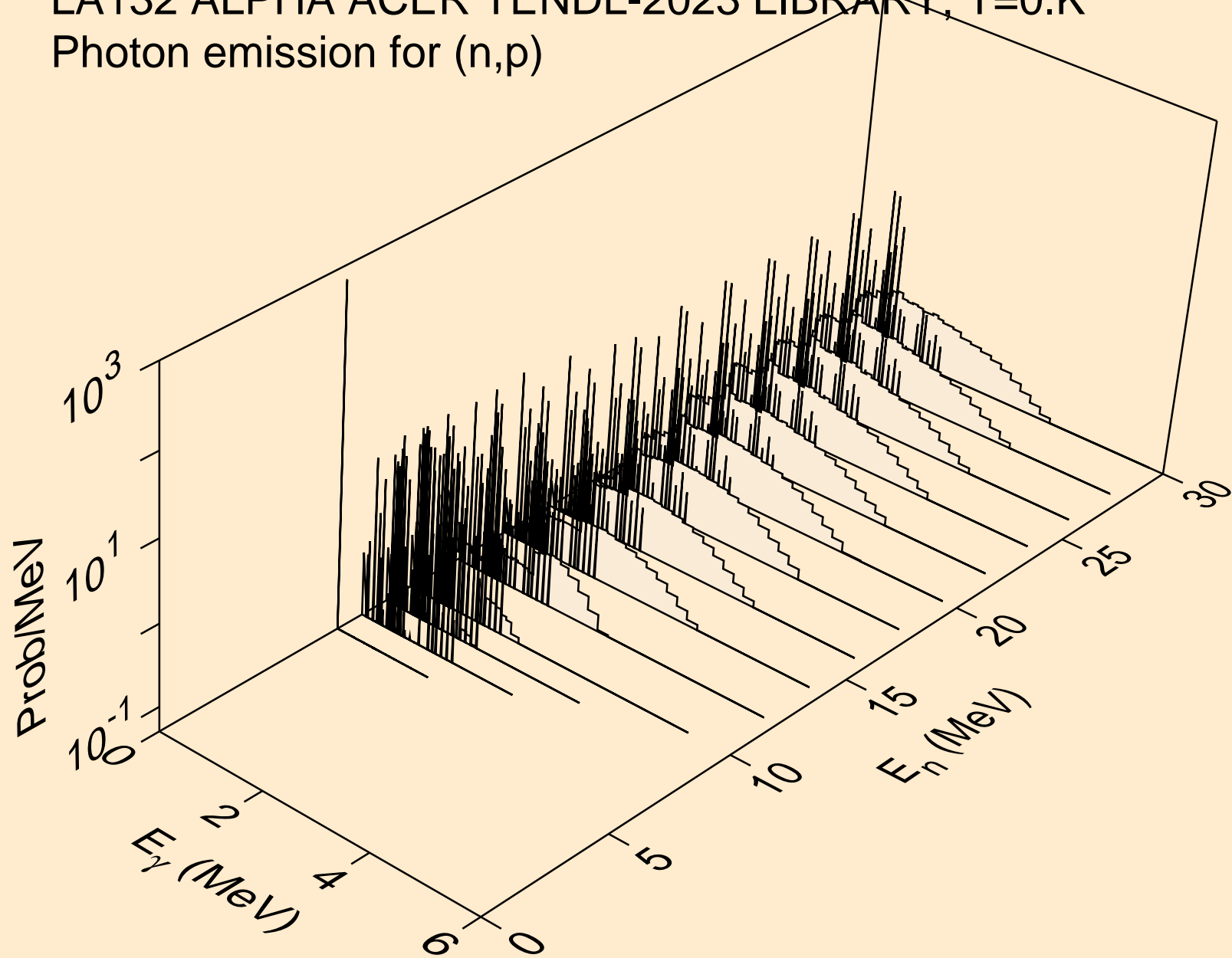
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



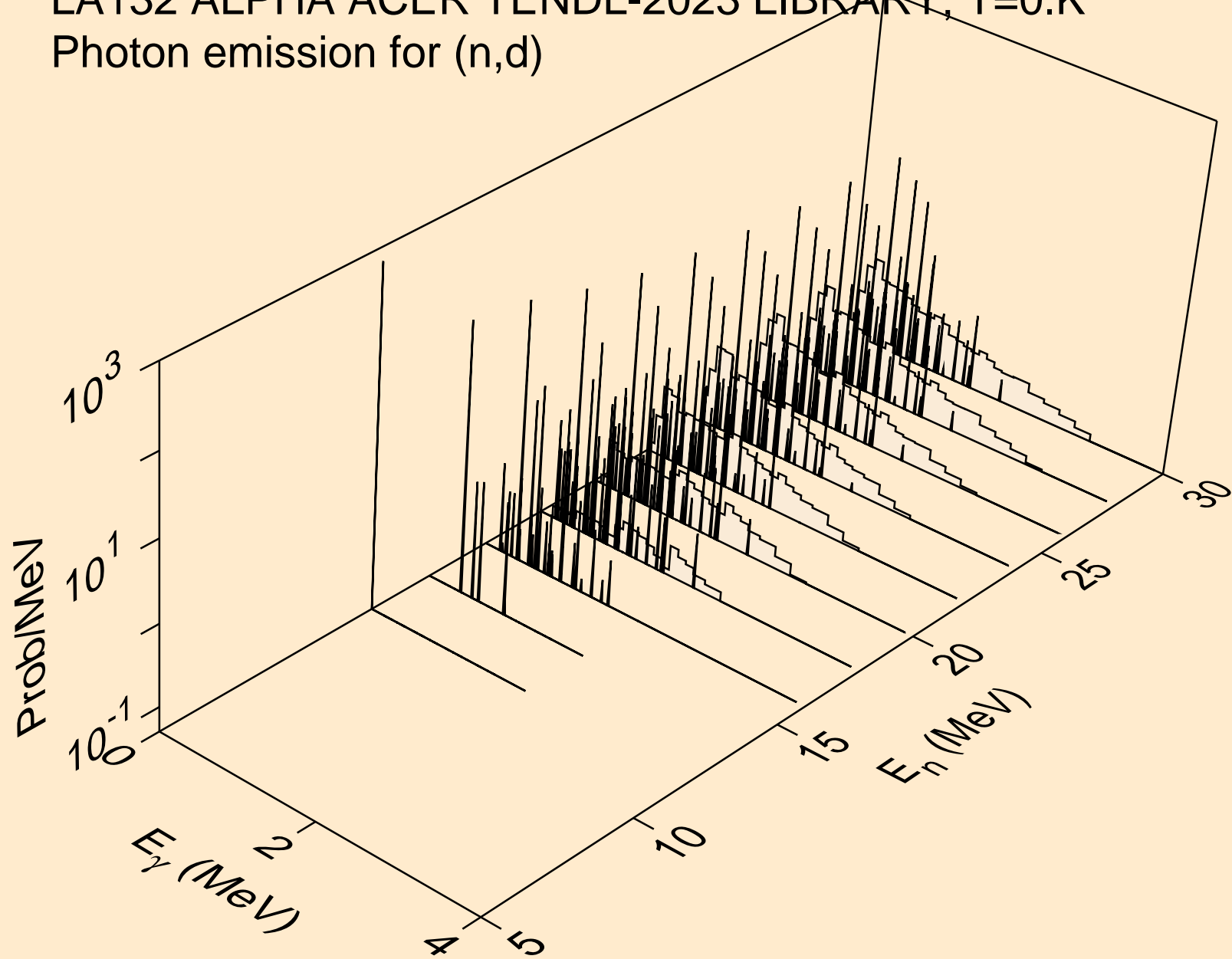
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

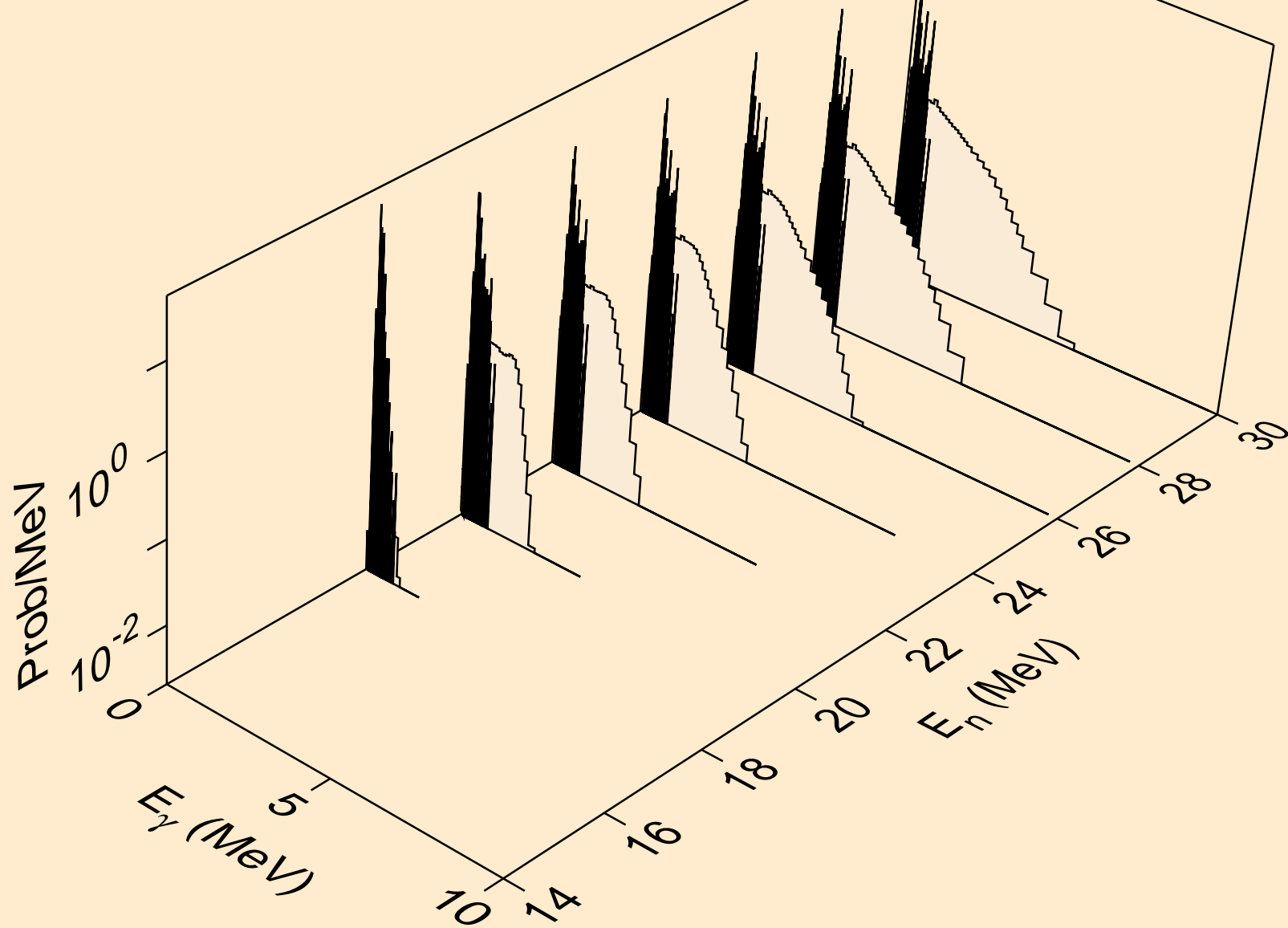


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

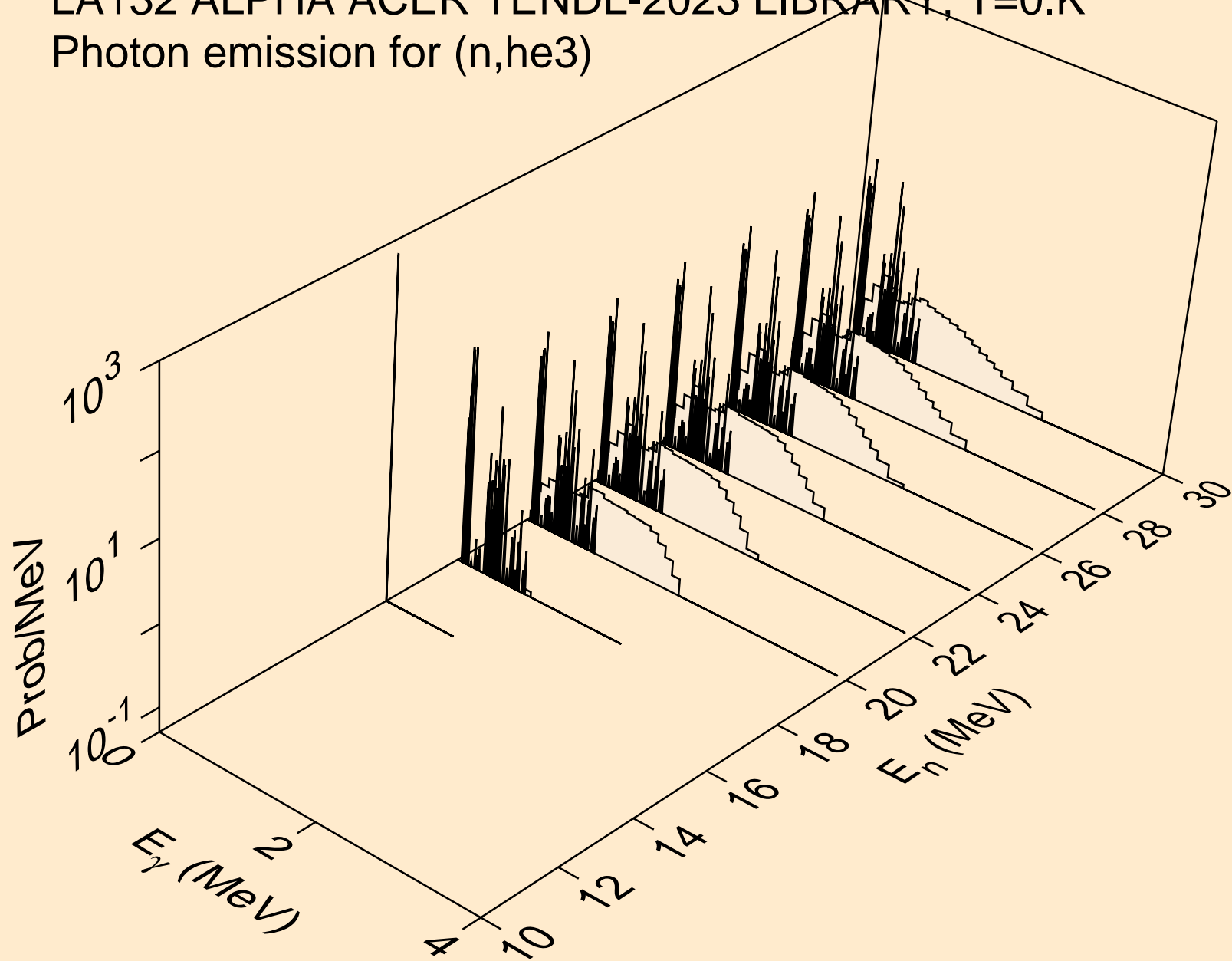




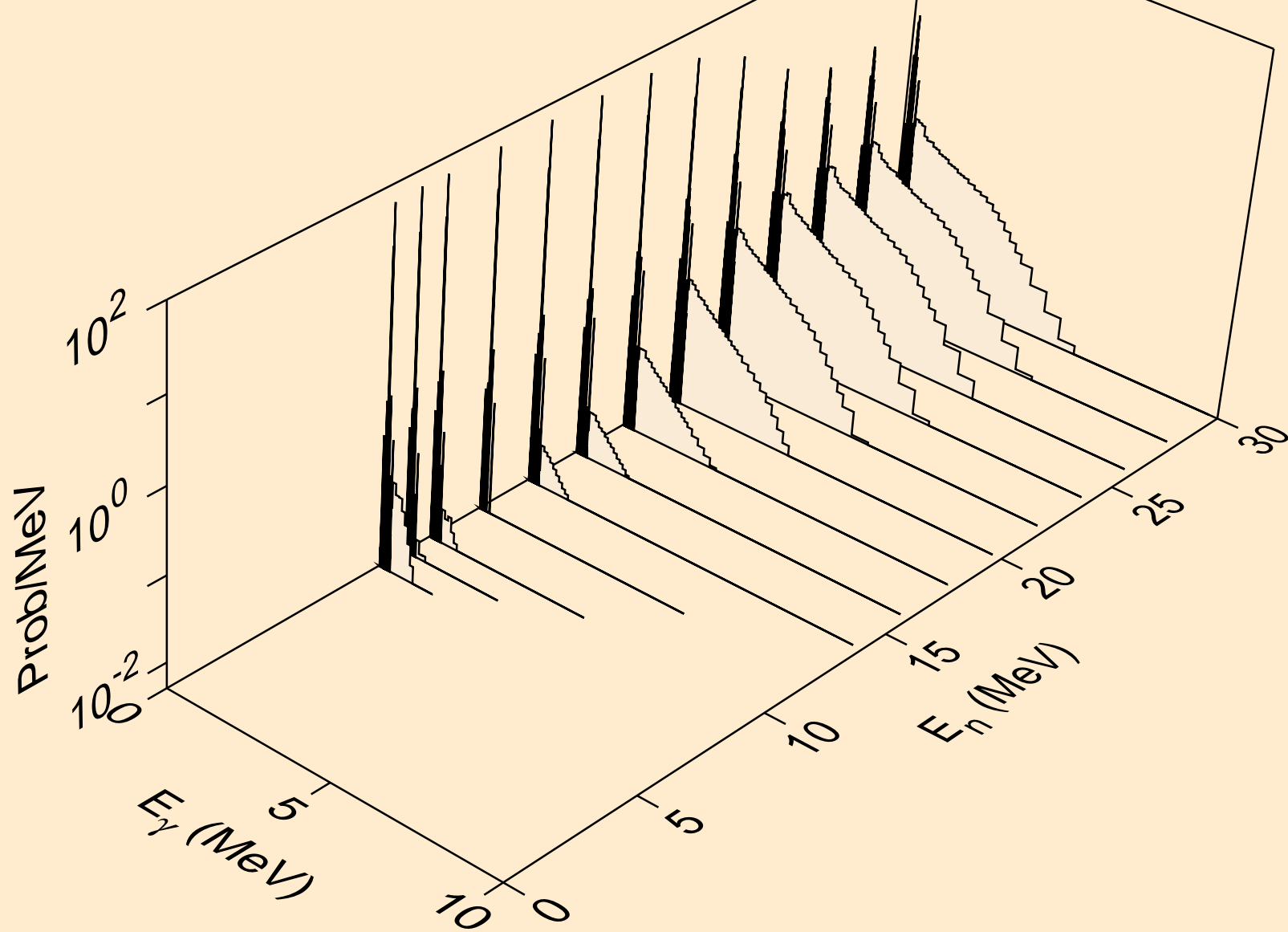
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



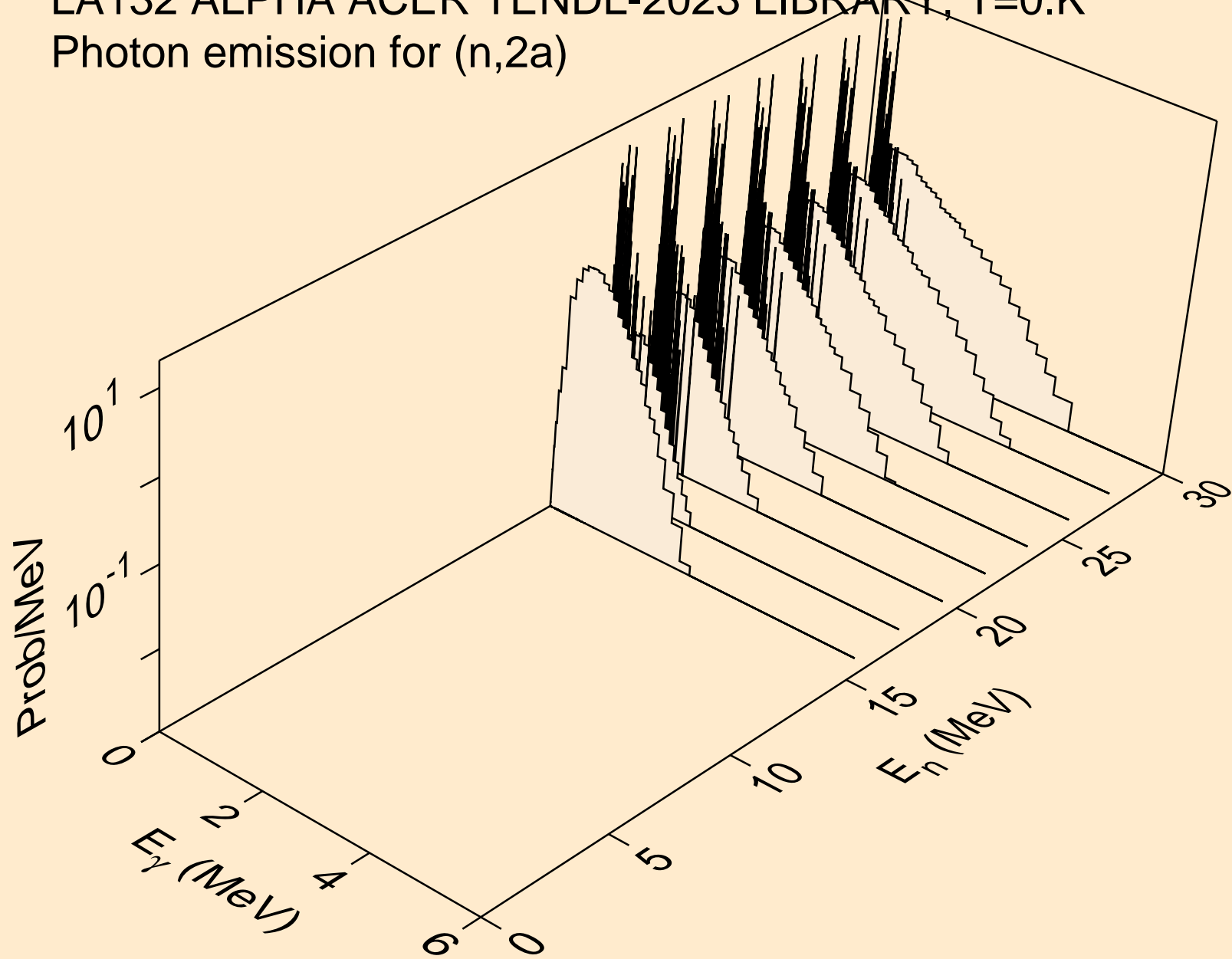
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



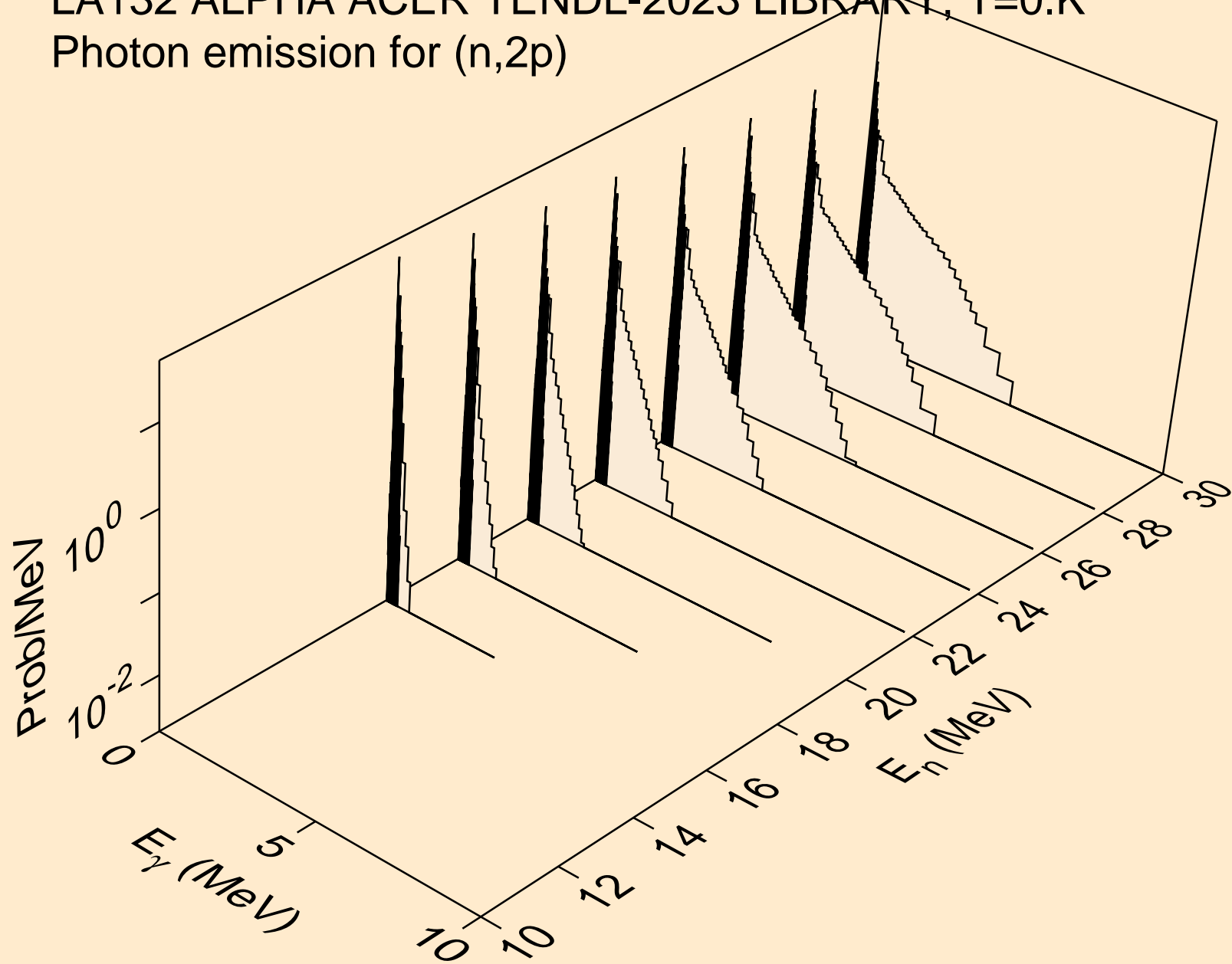
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



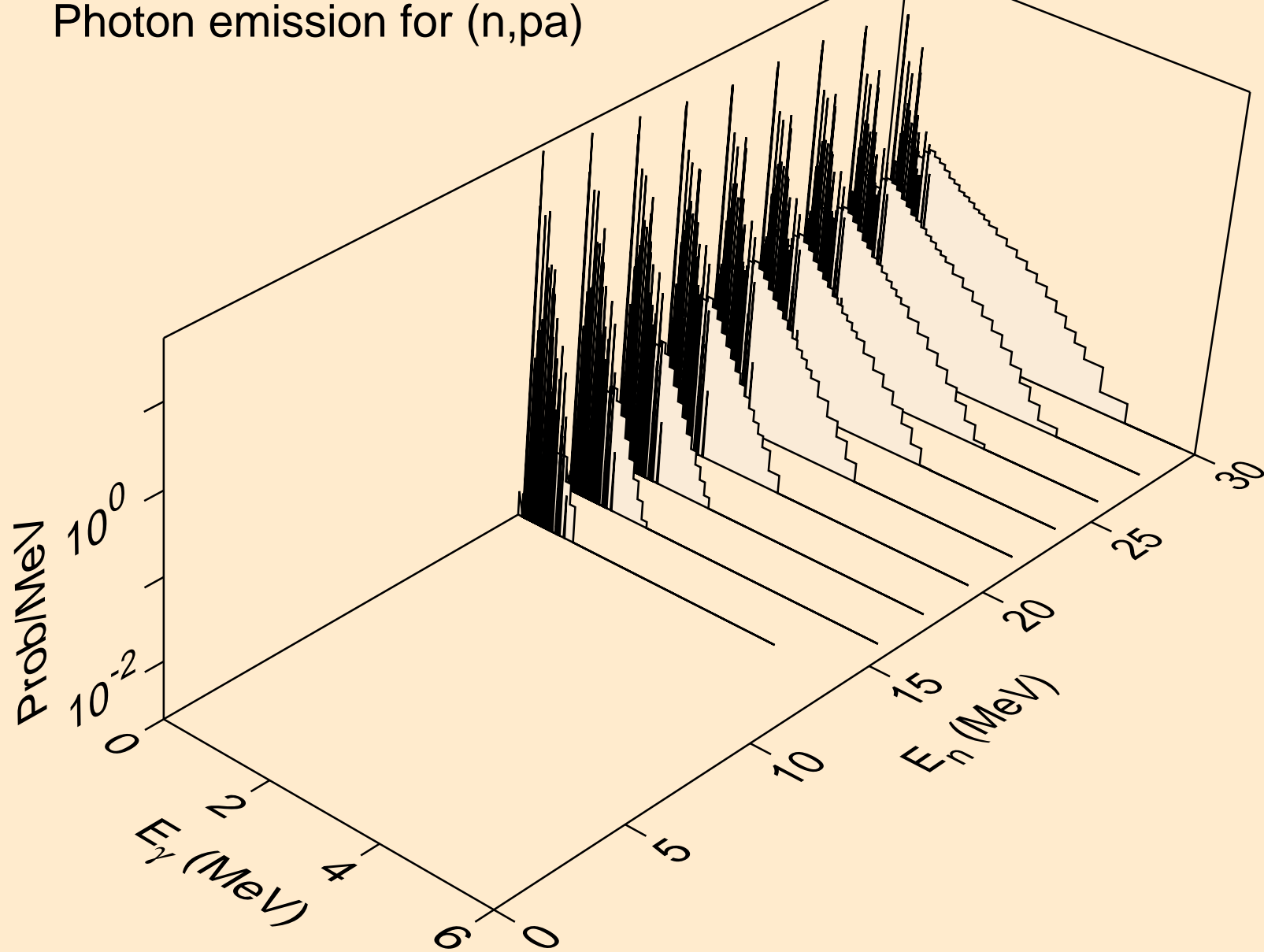
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



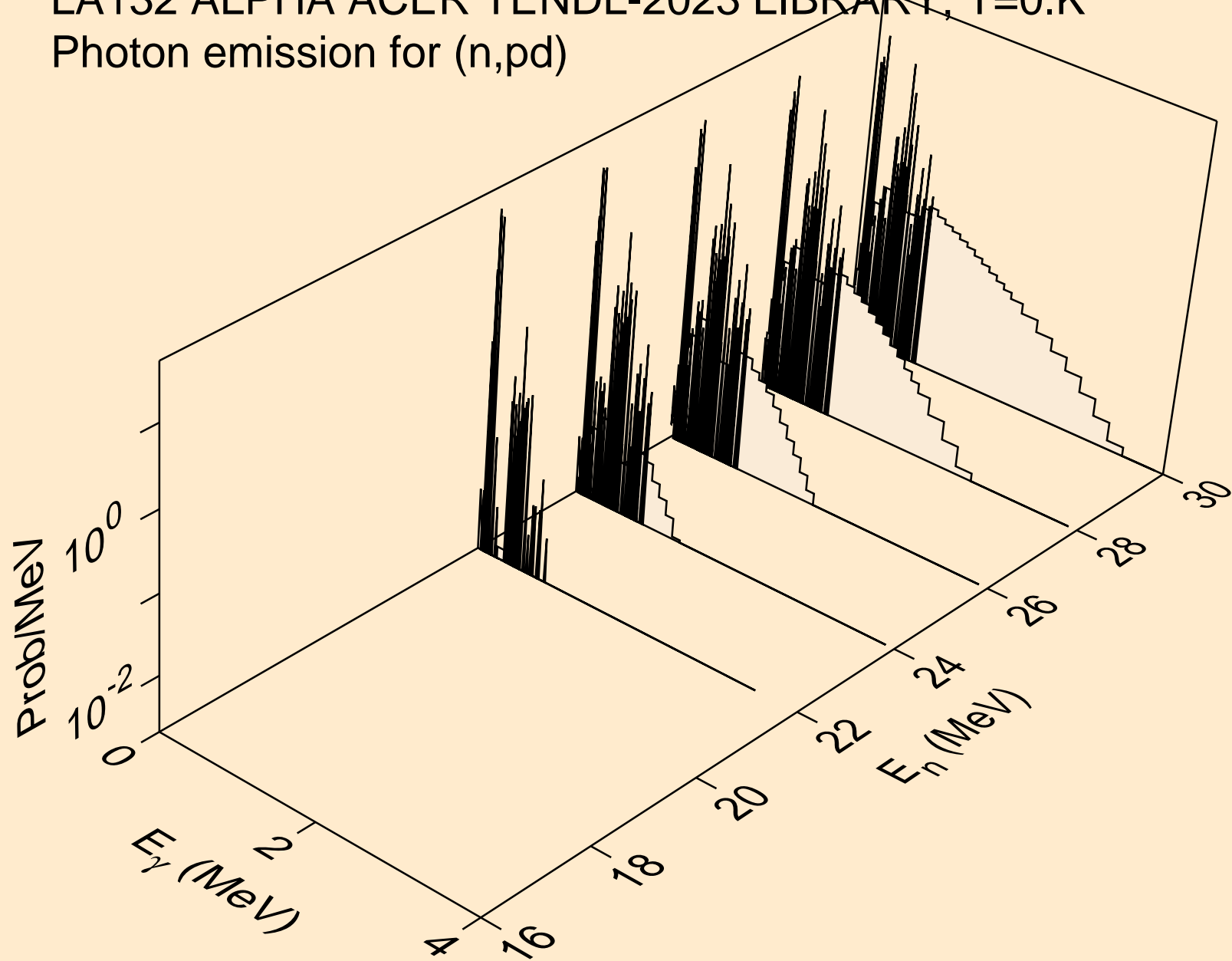
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



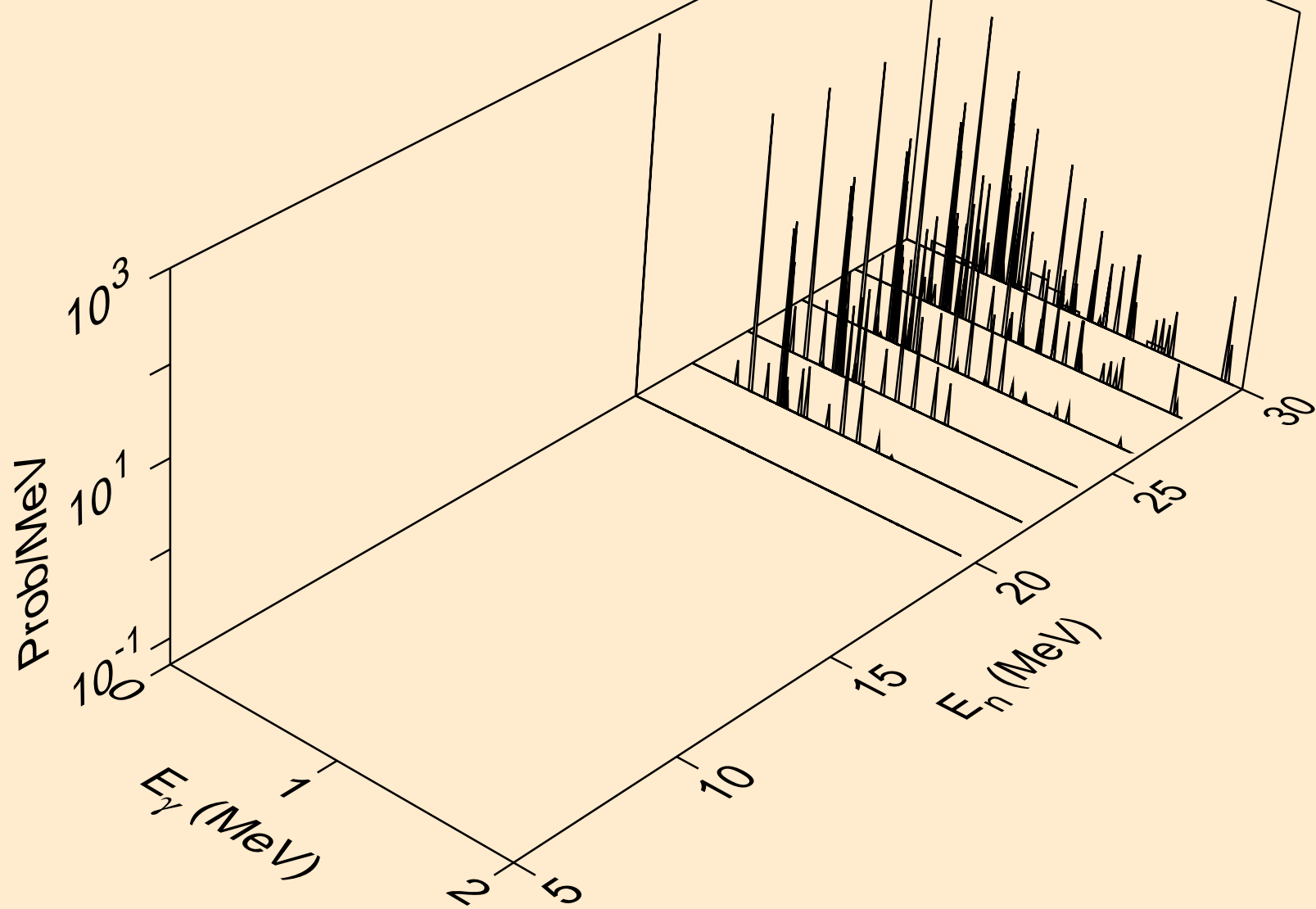
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

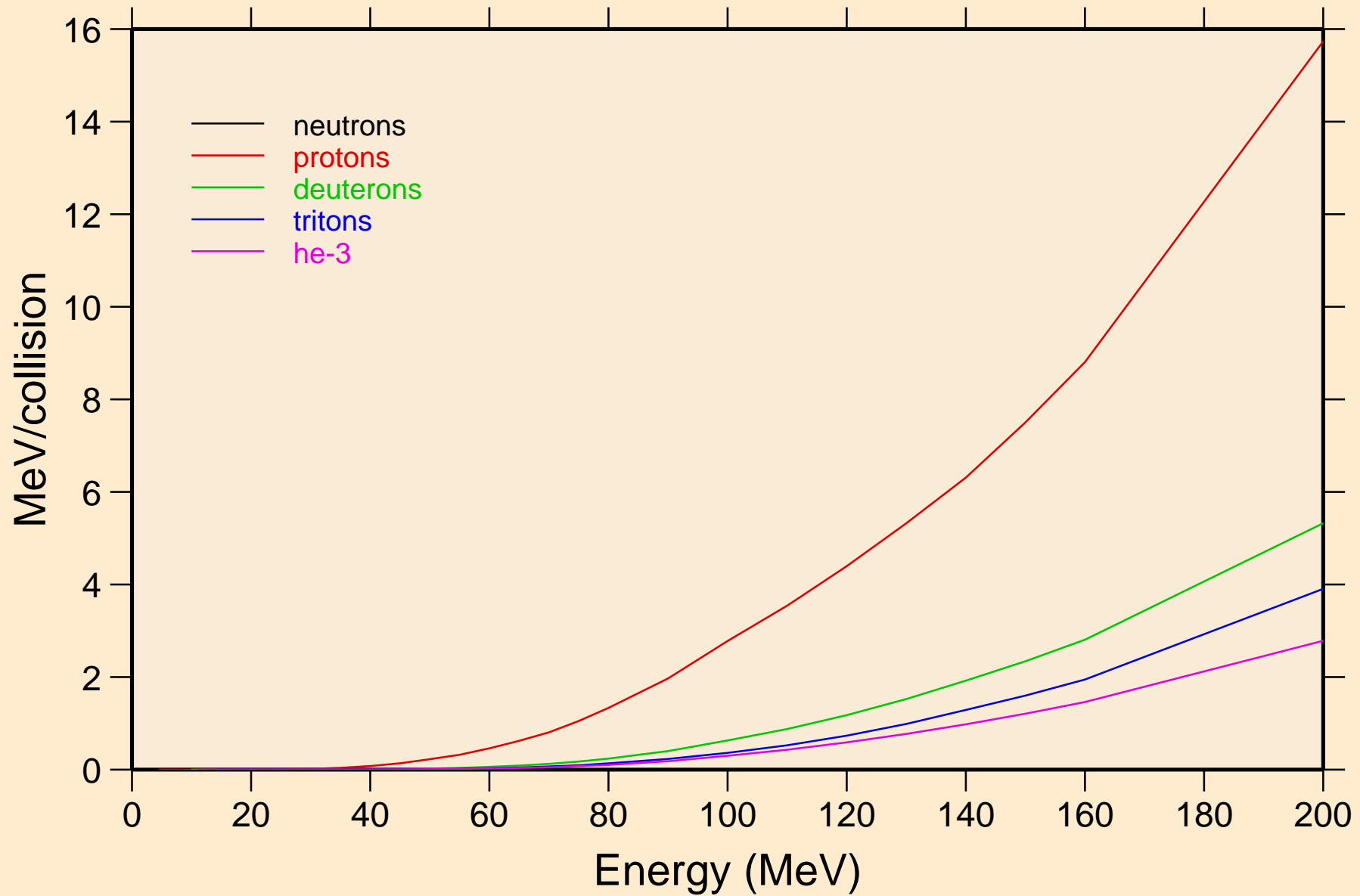


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



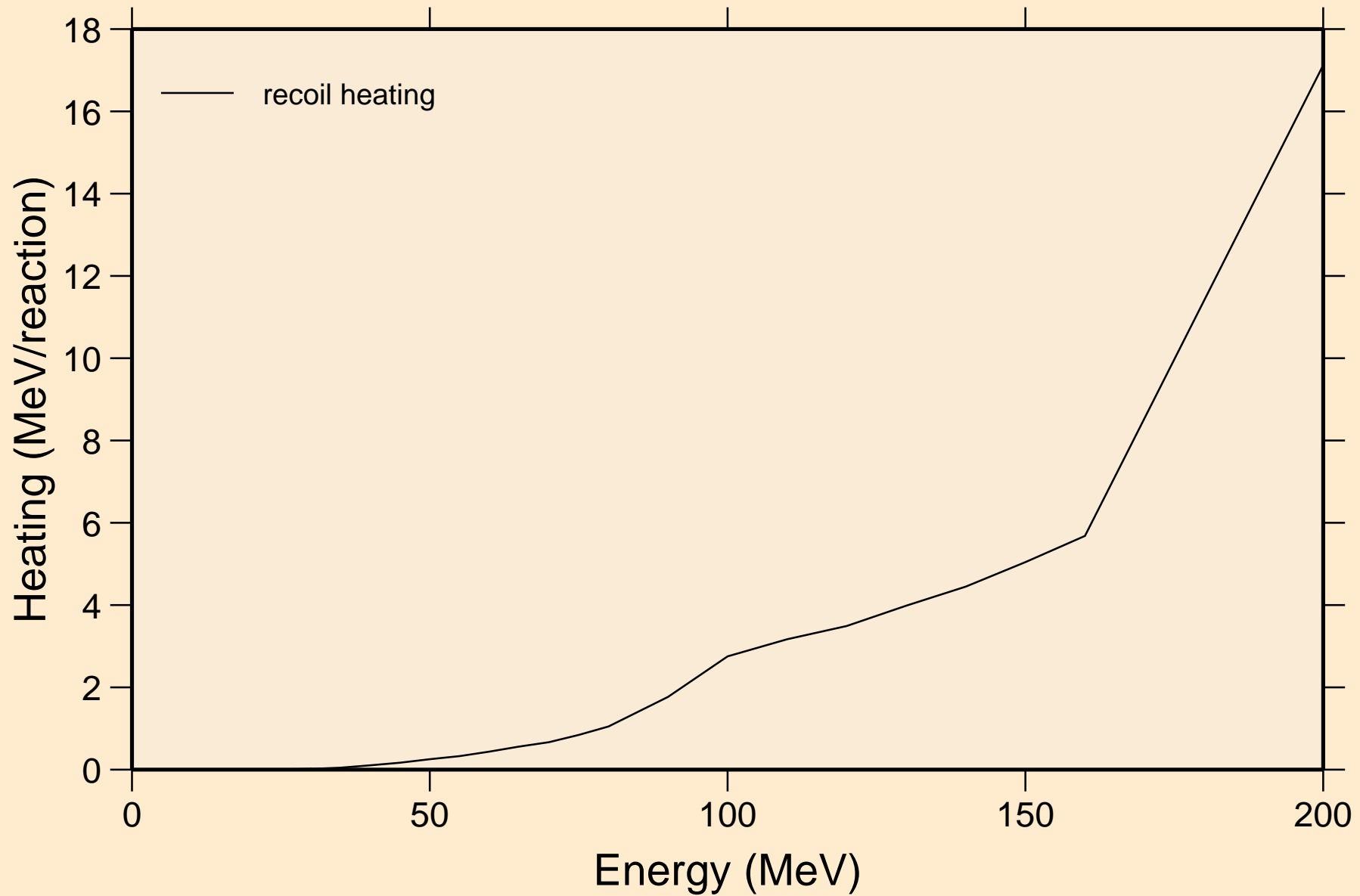


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



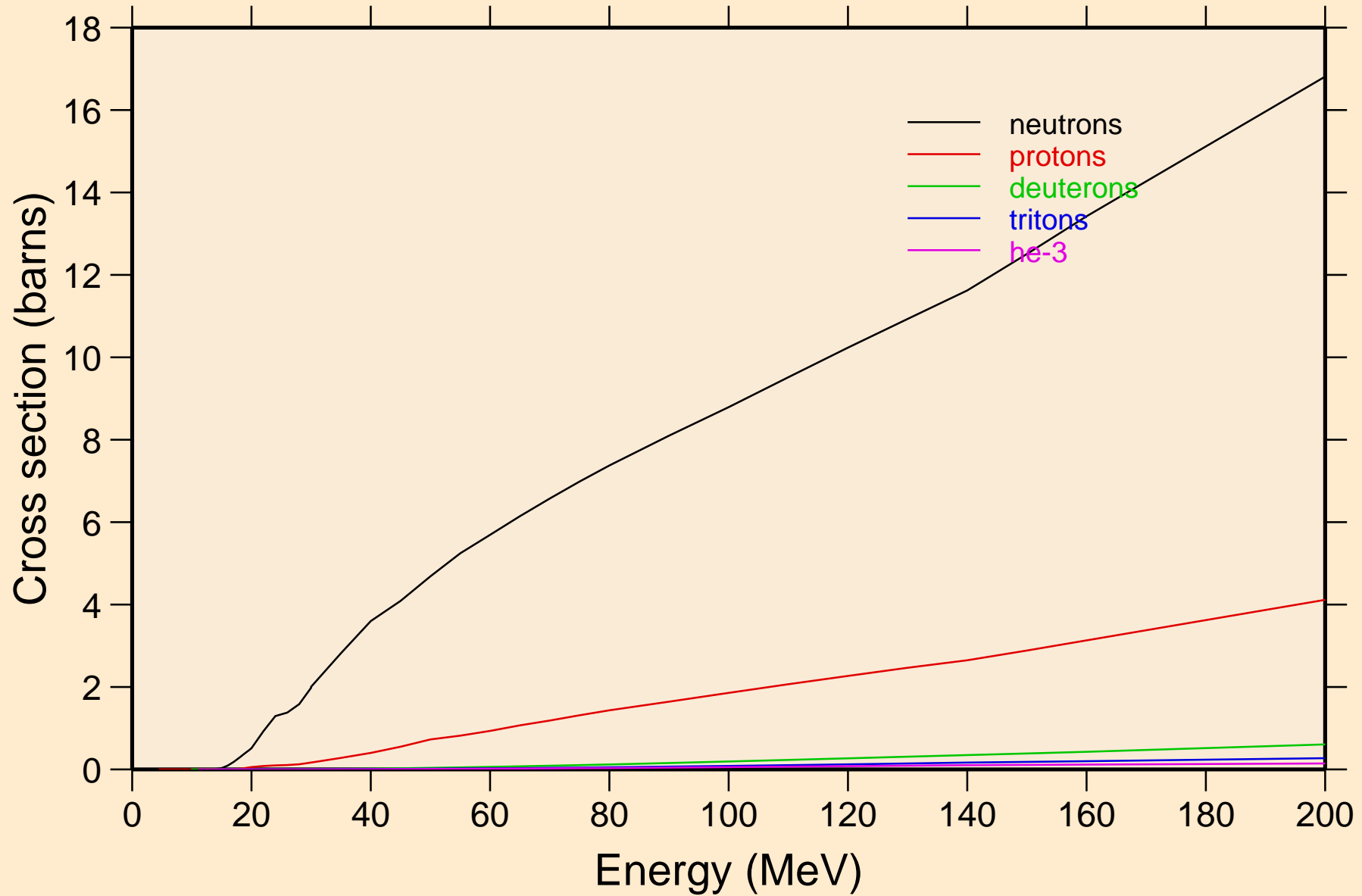
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

### Recoil Heating

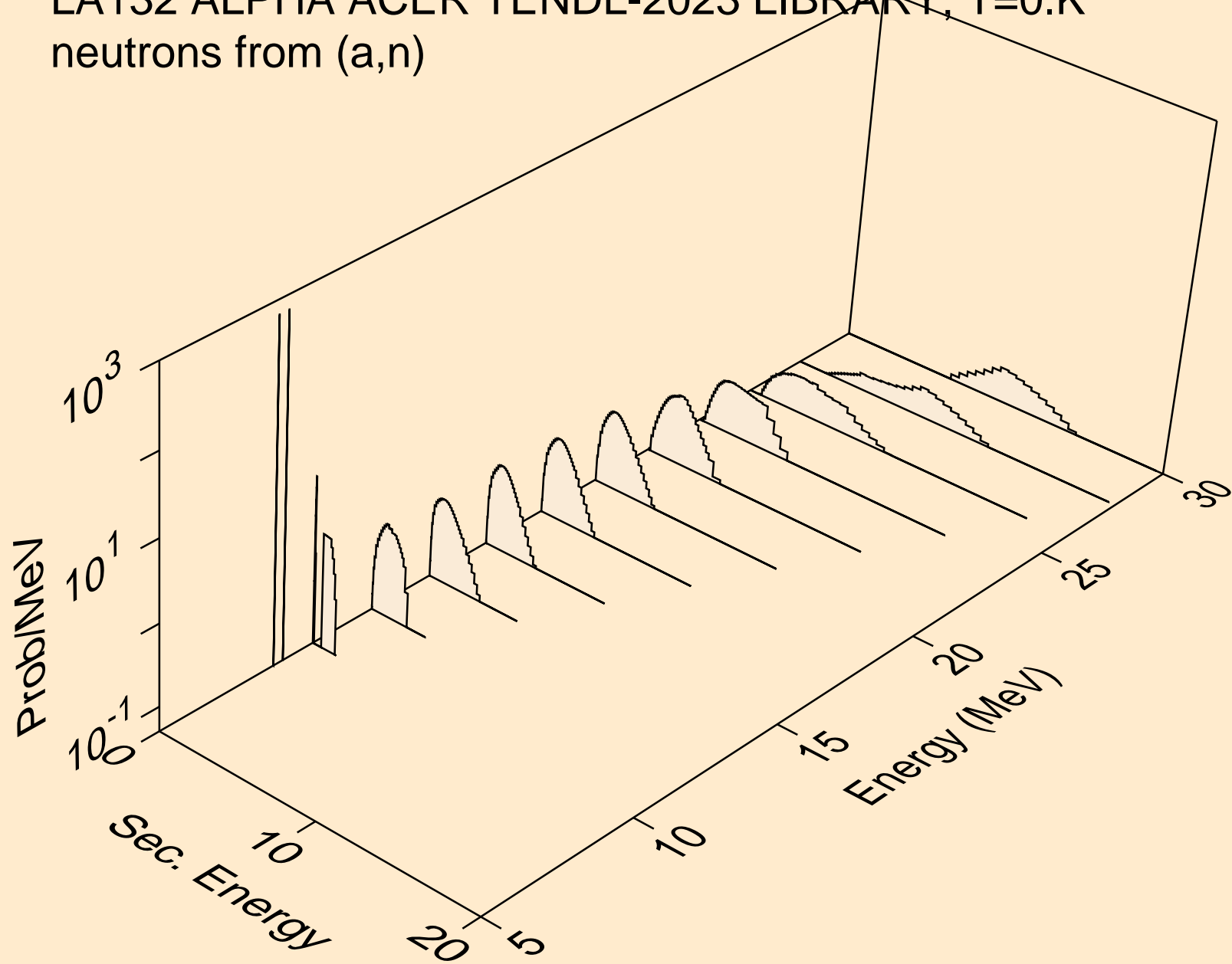


# LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

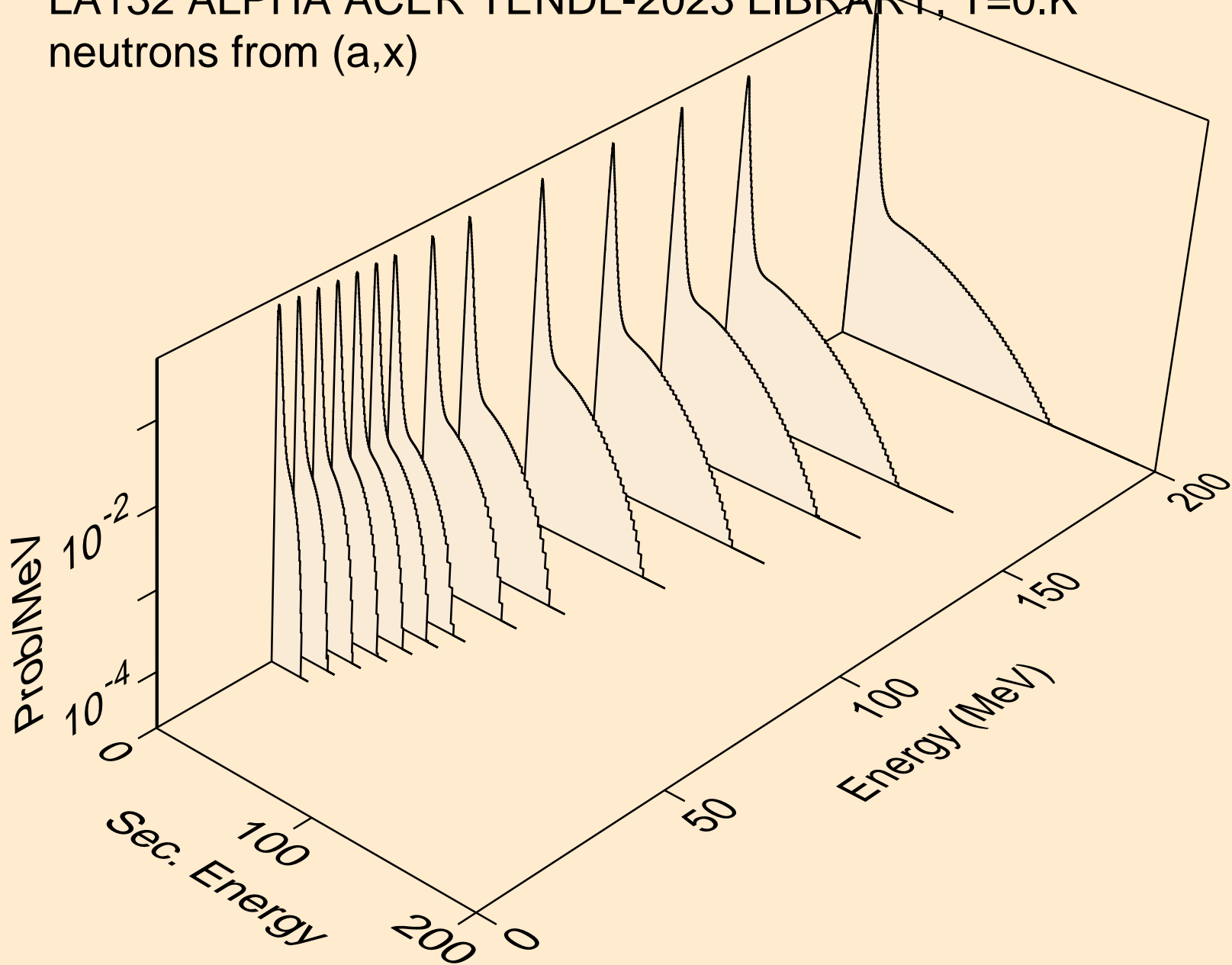
## Particle production cross sections



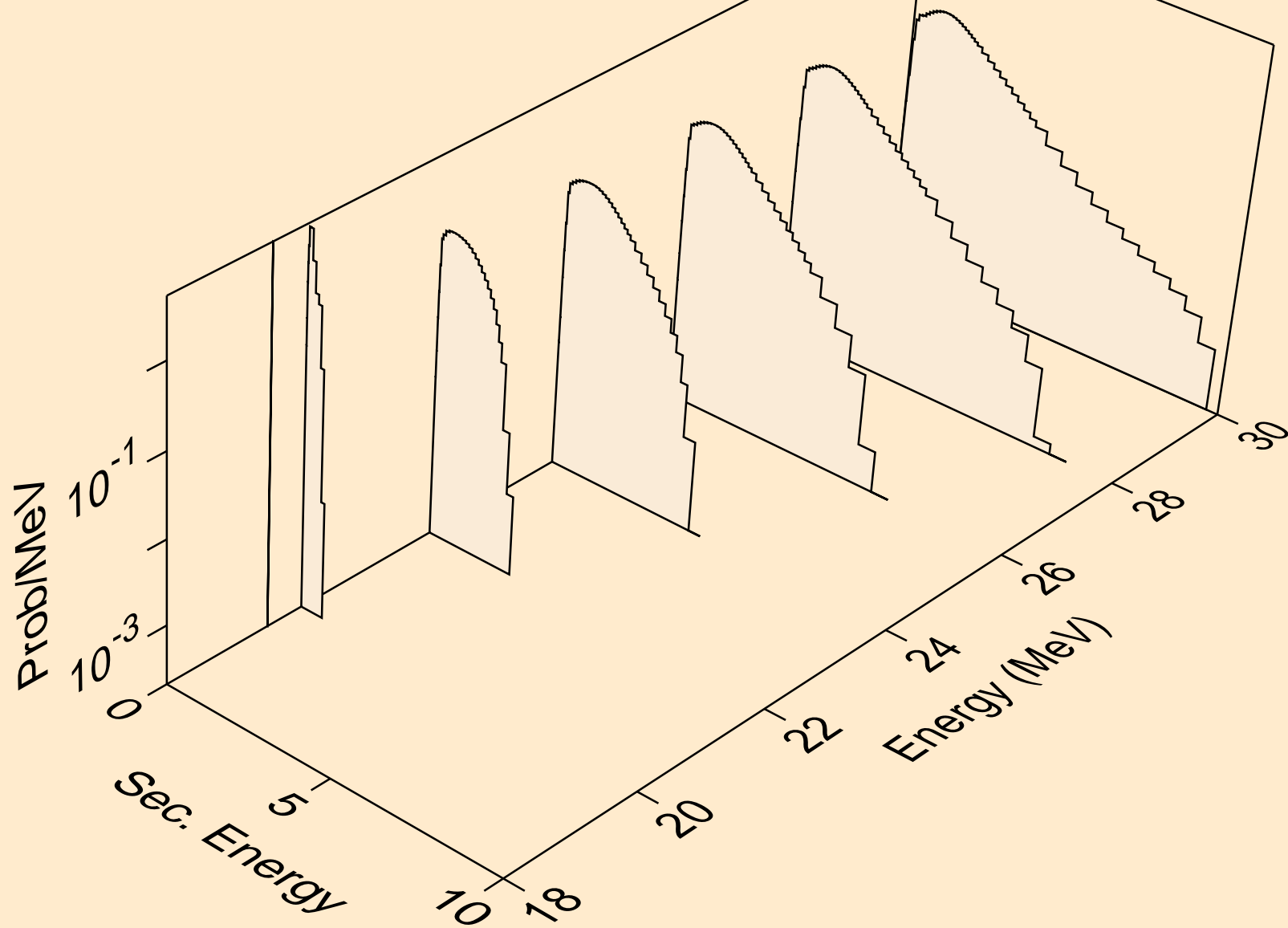
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



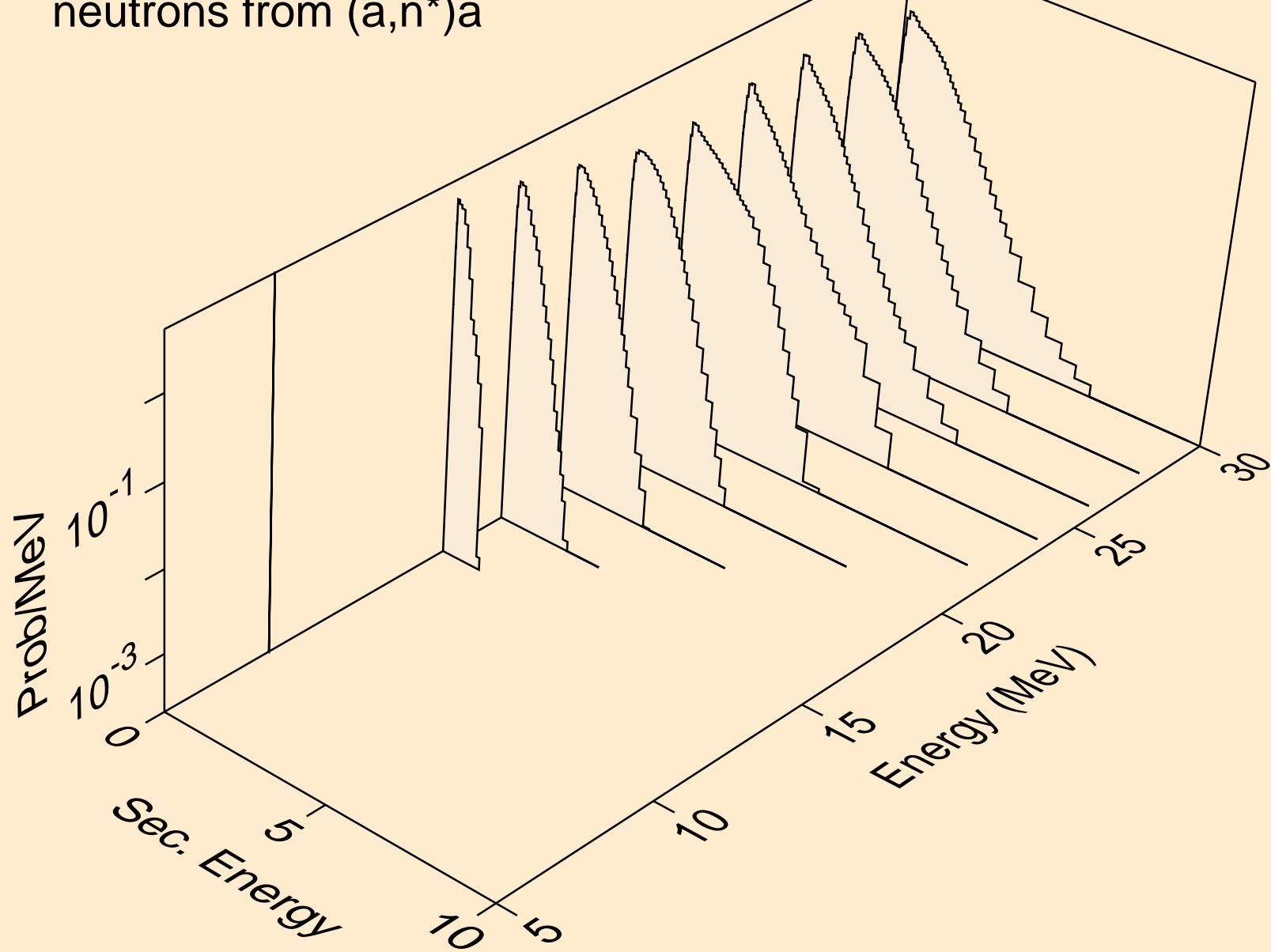
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



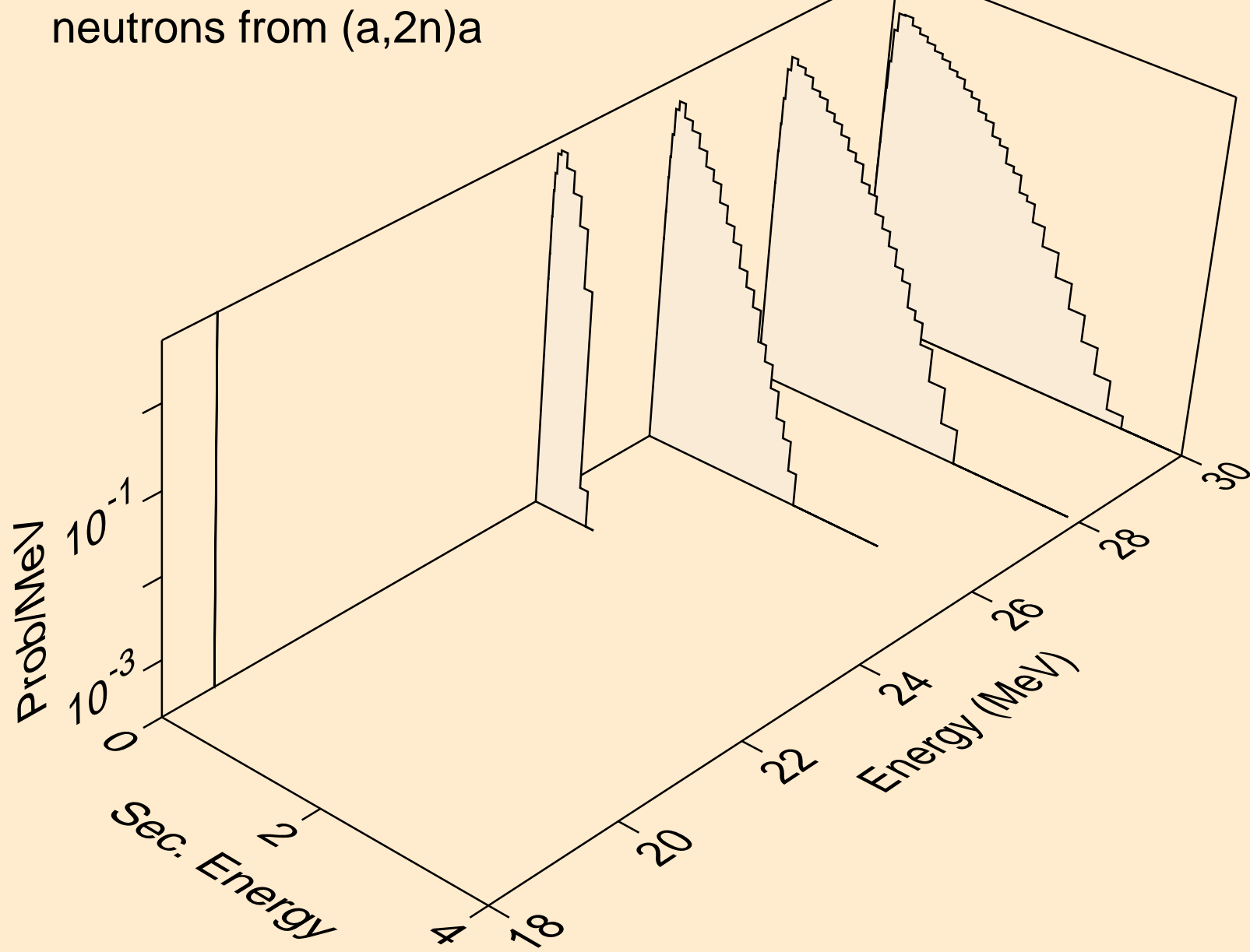
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

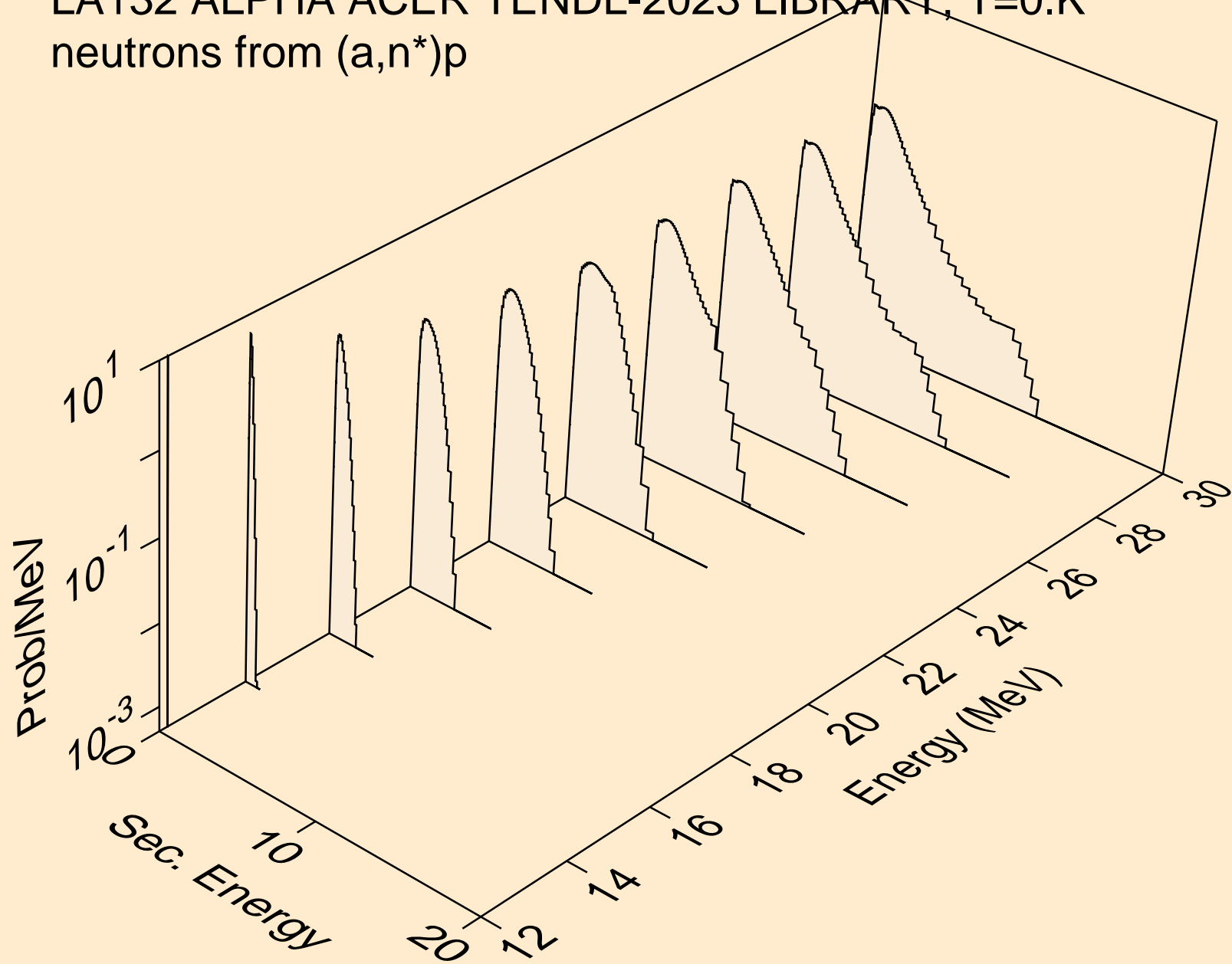


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

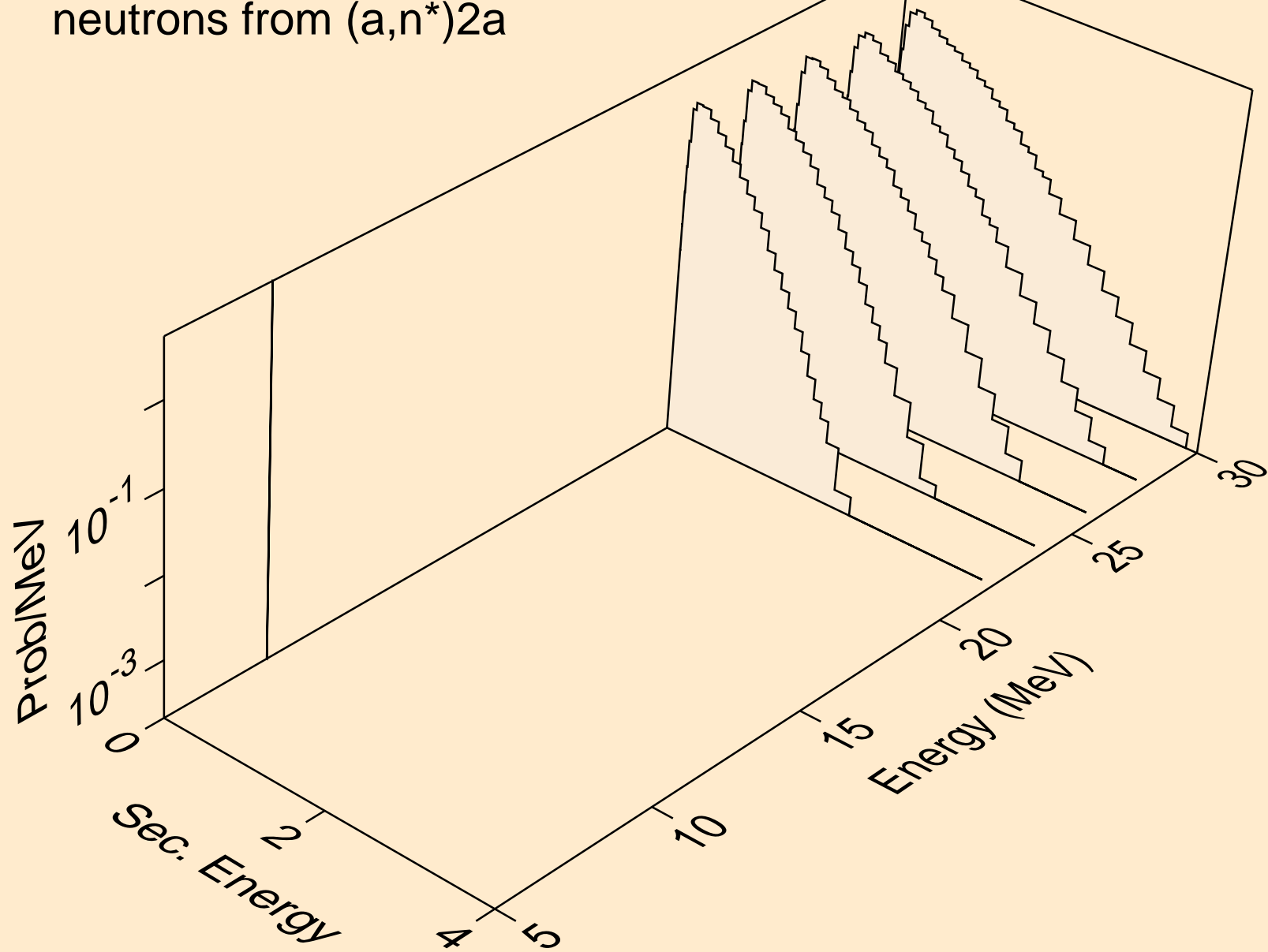




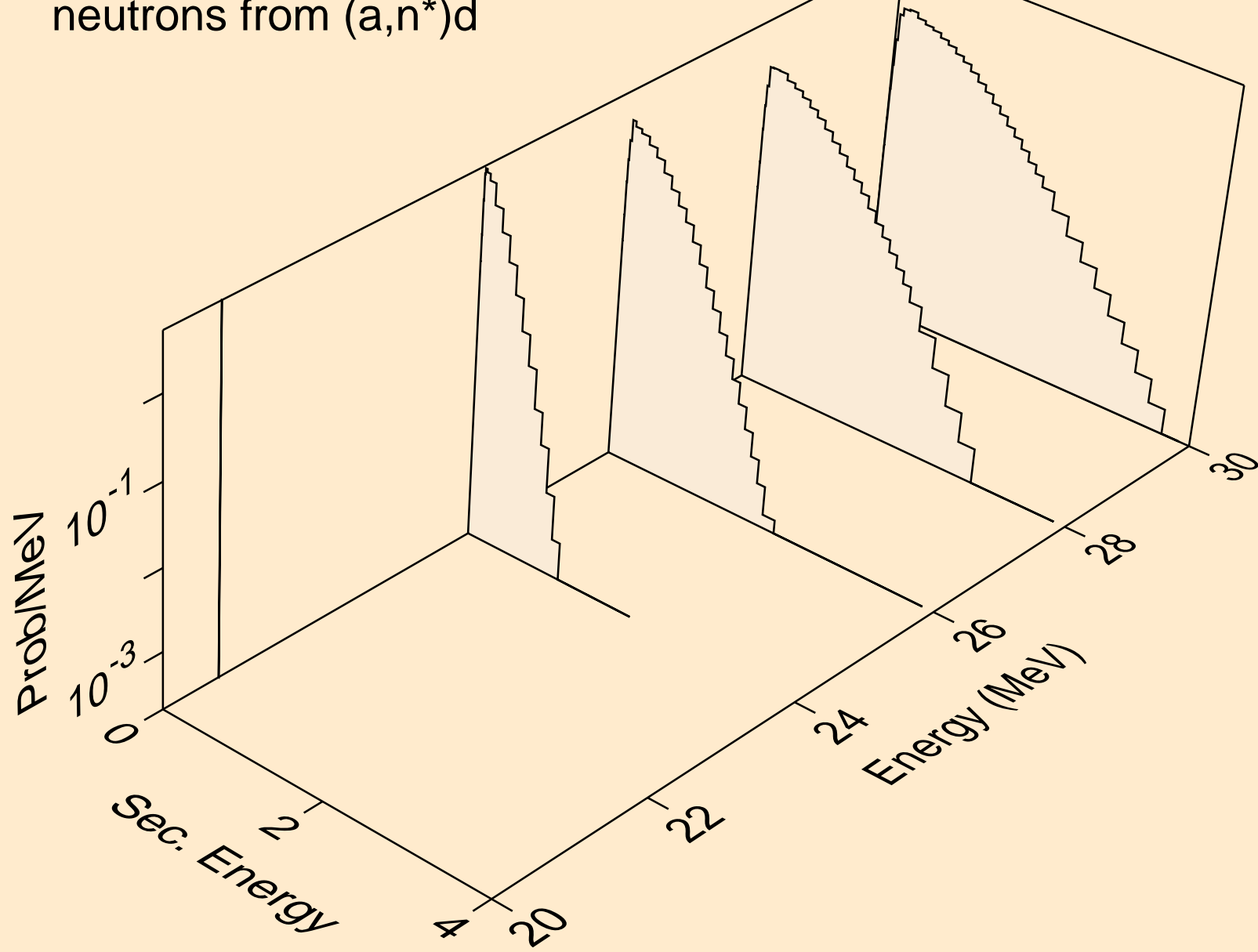
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



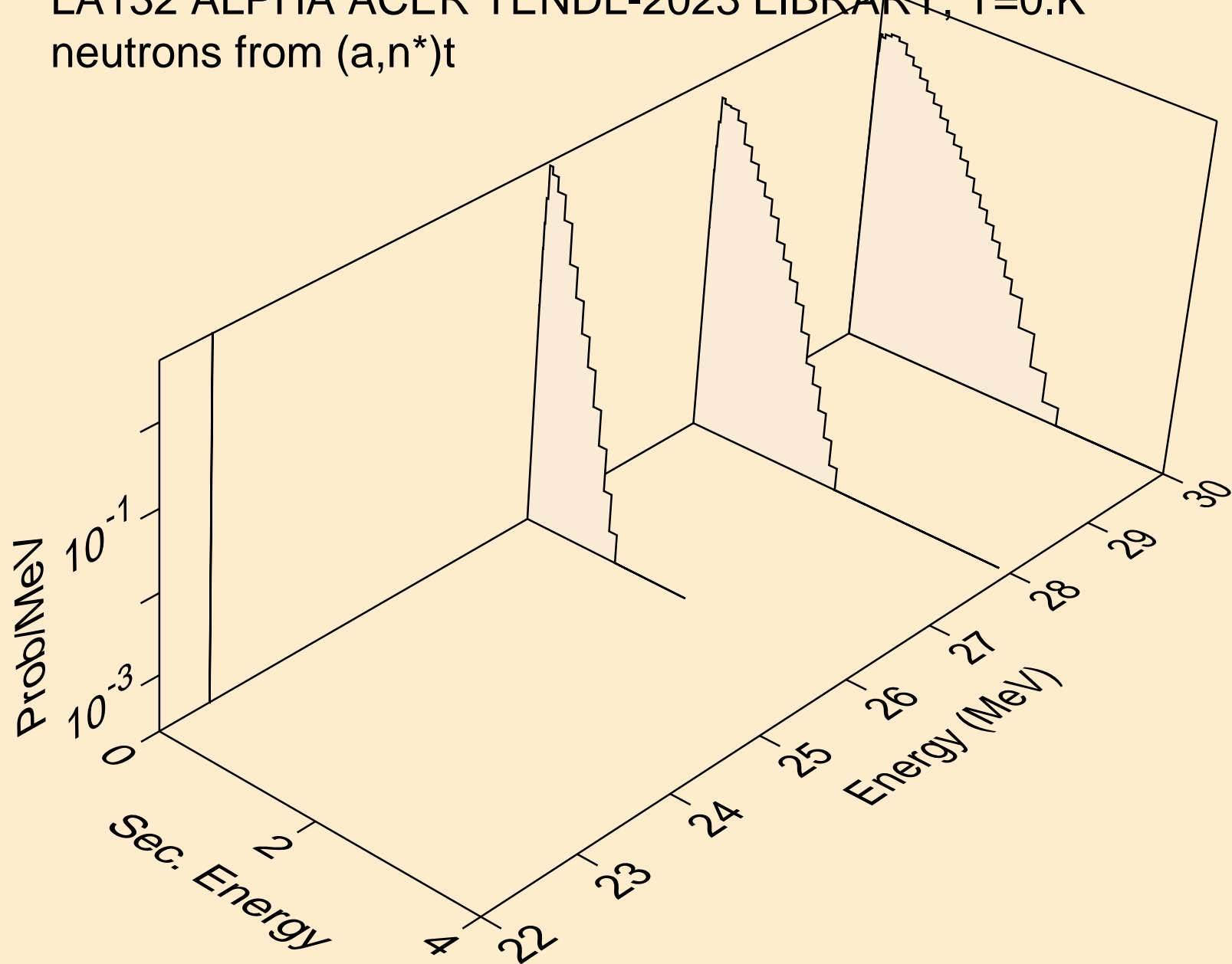
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



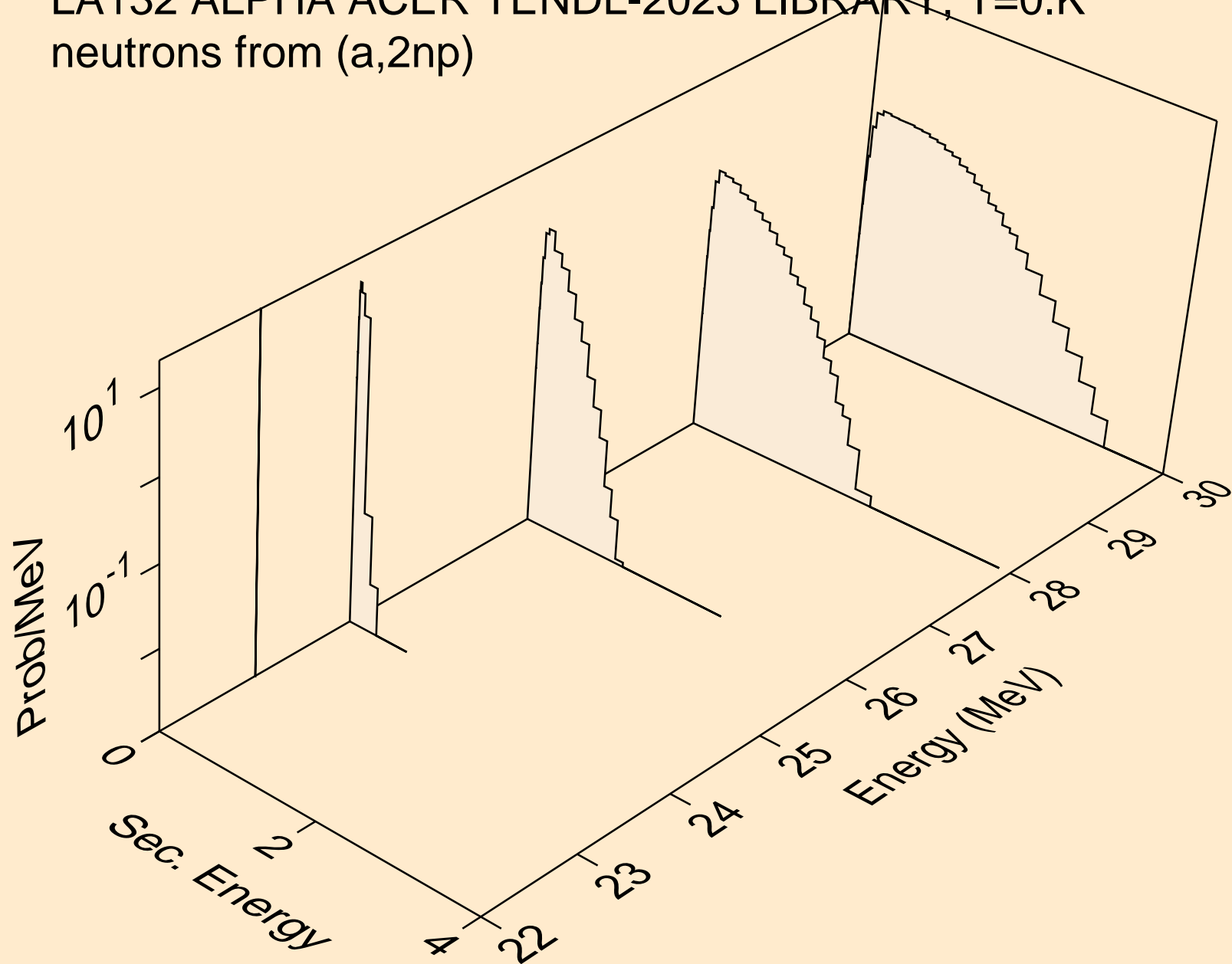
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



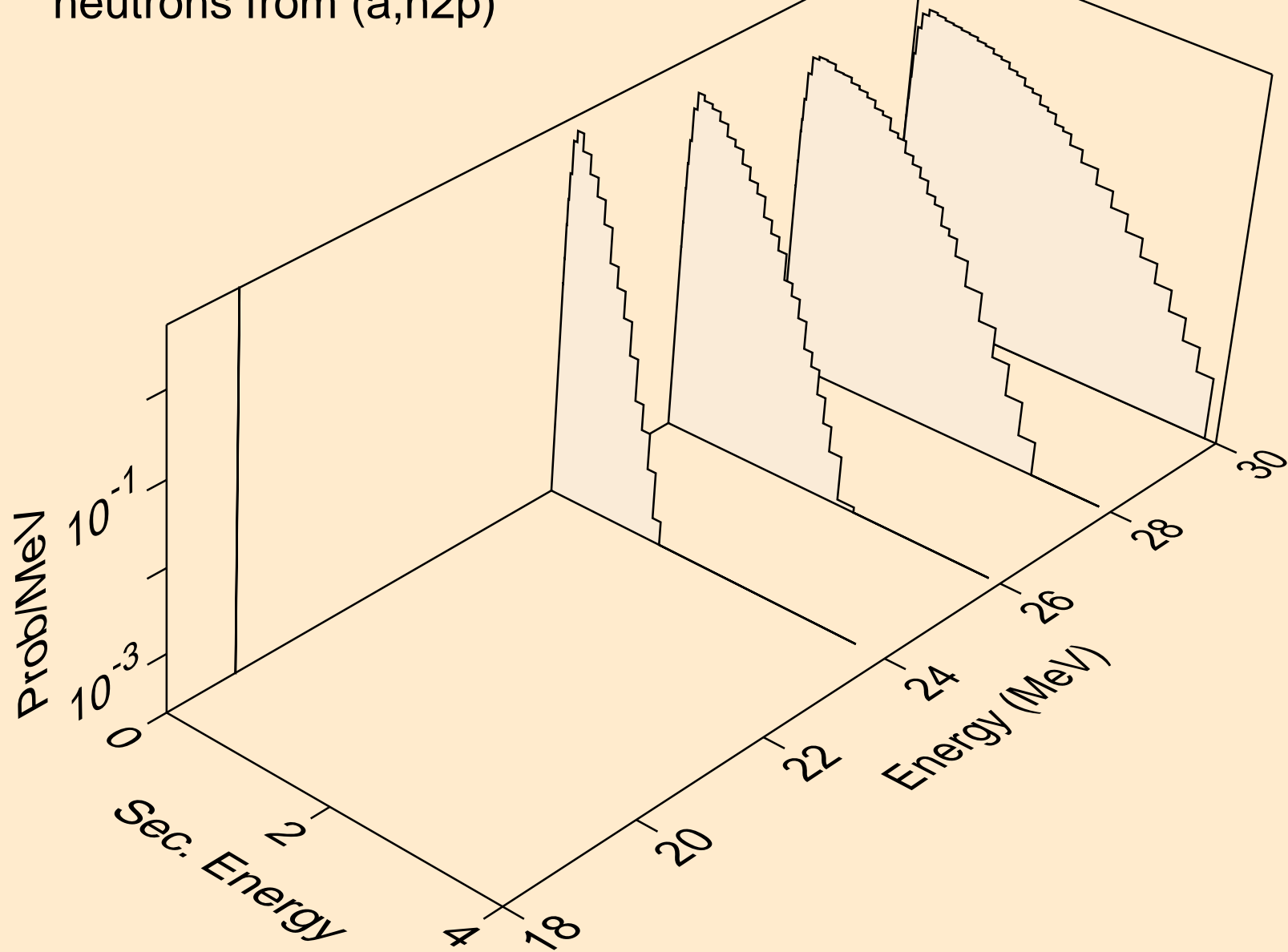
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



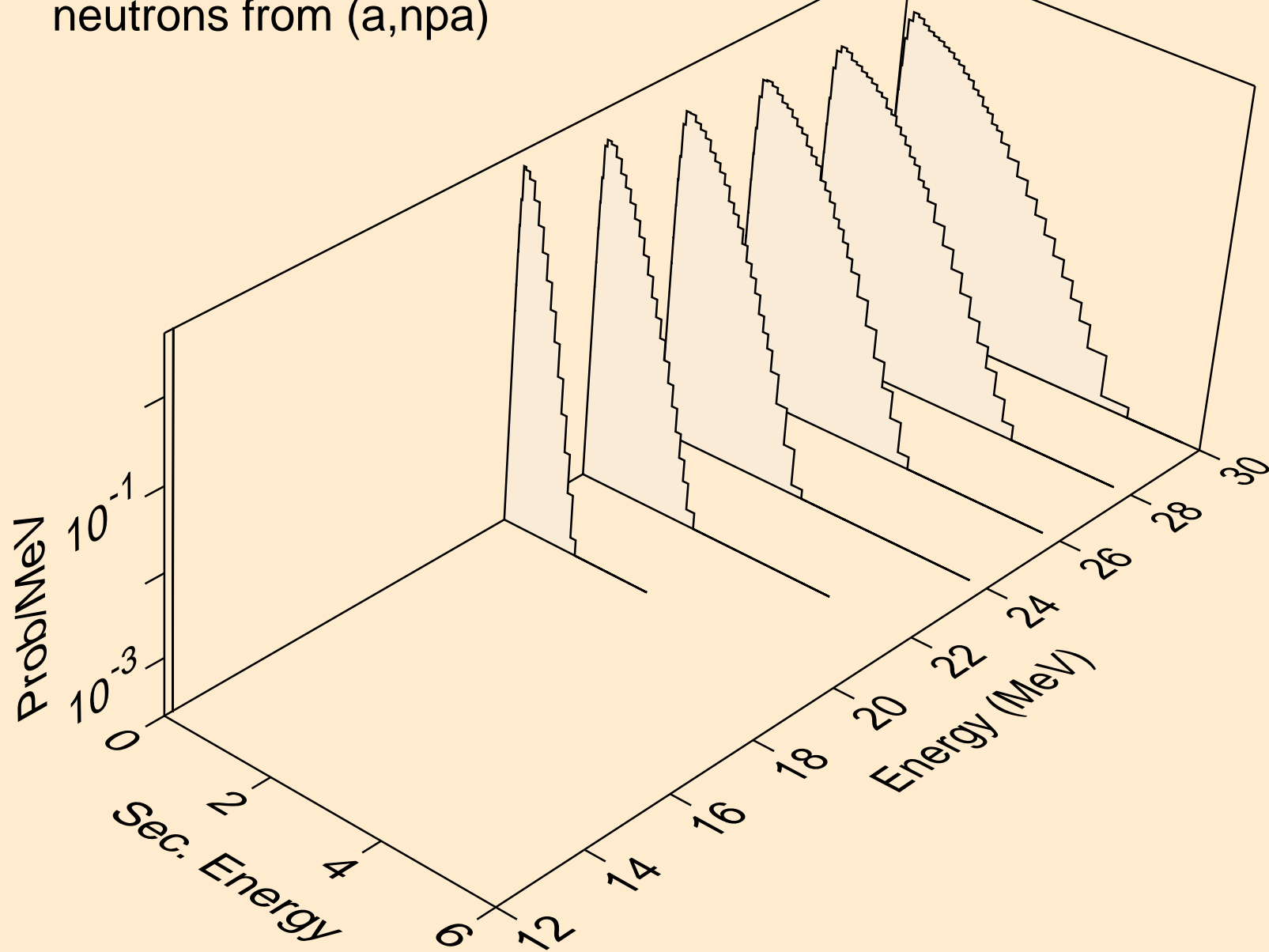
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



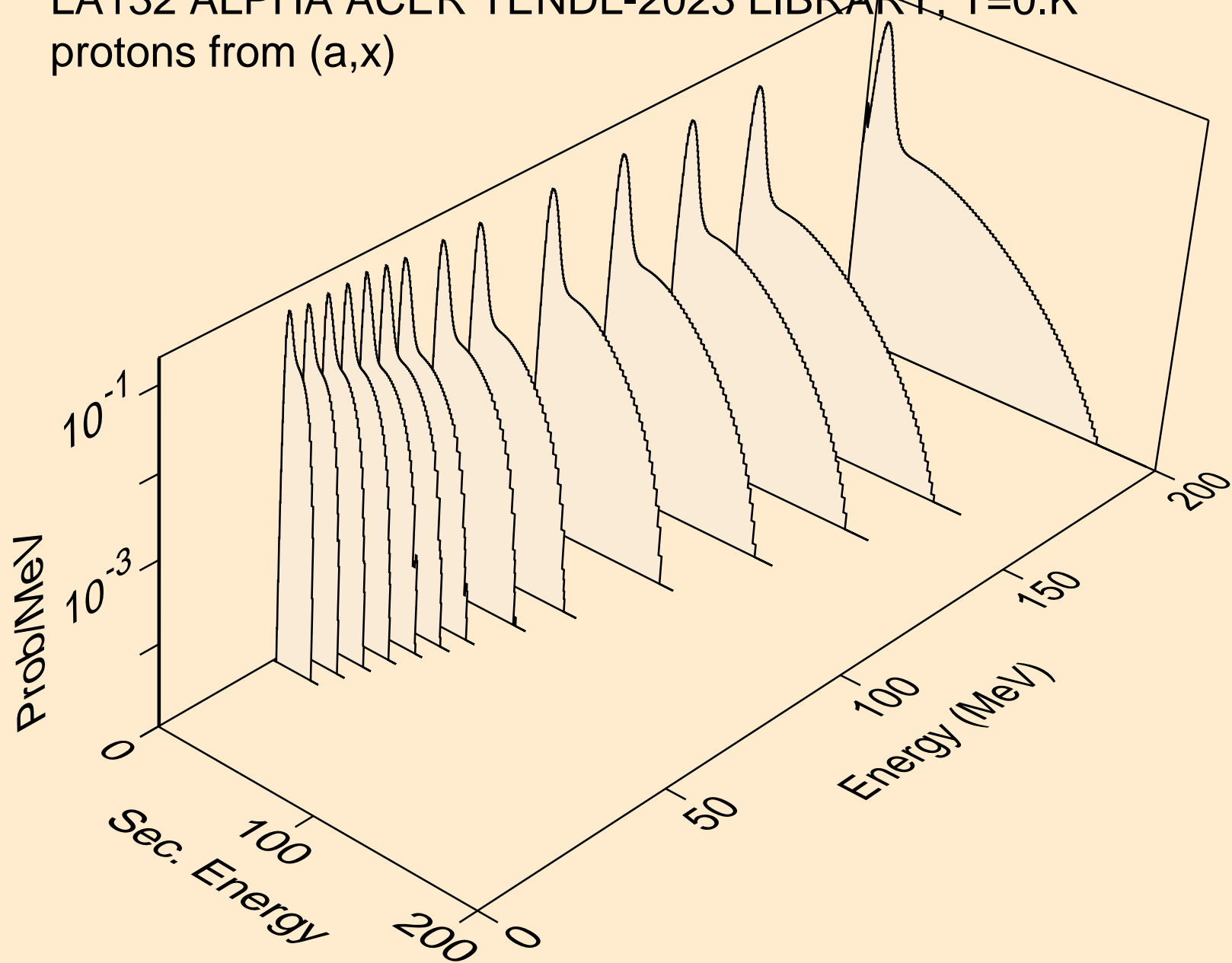
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)

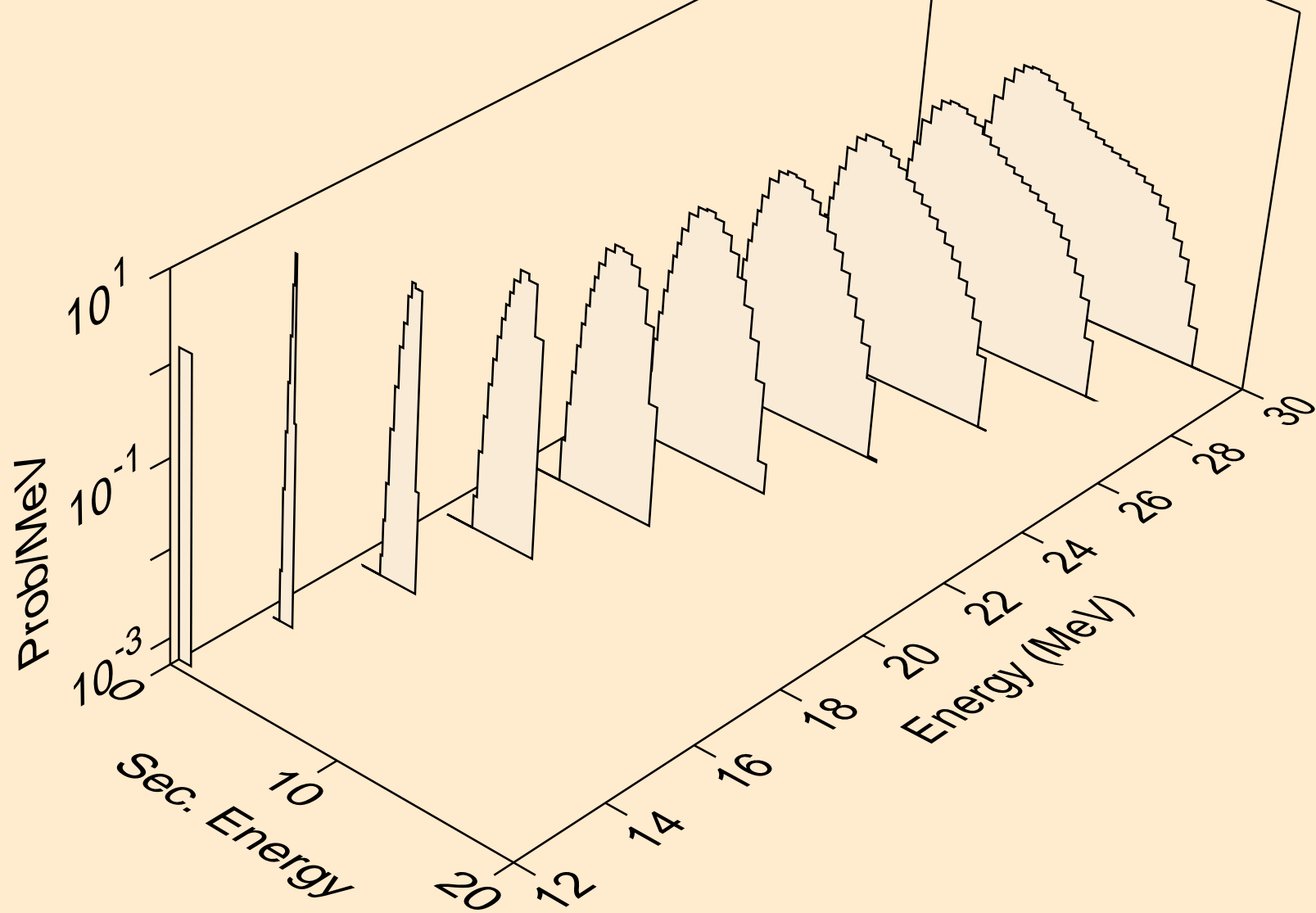


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

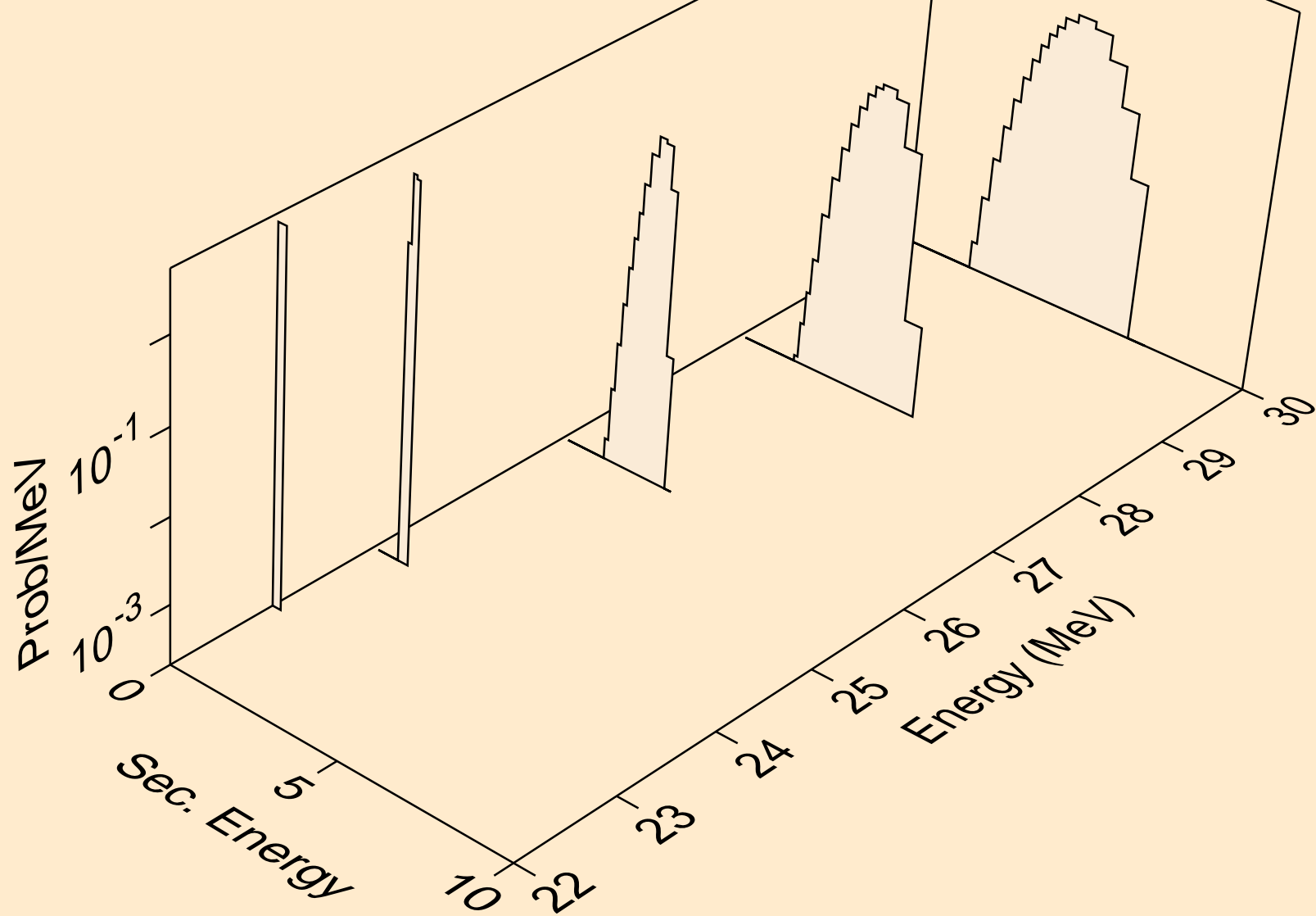




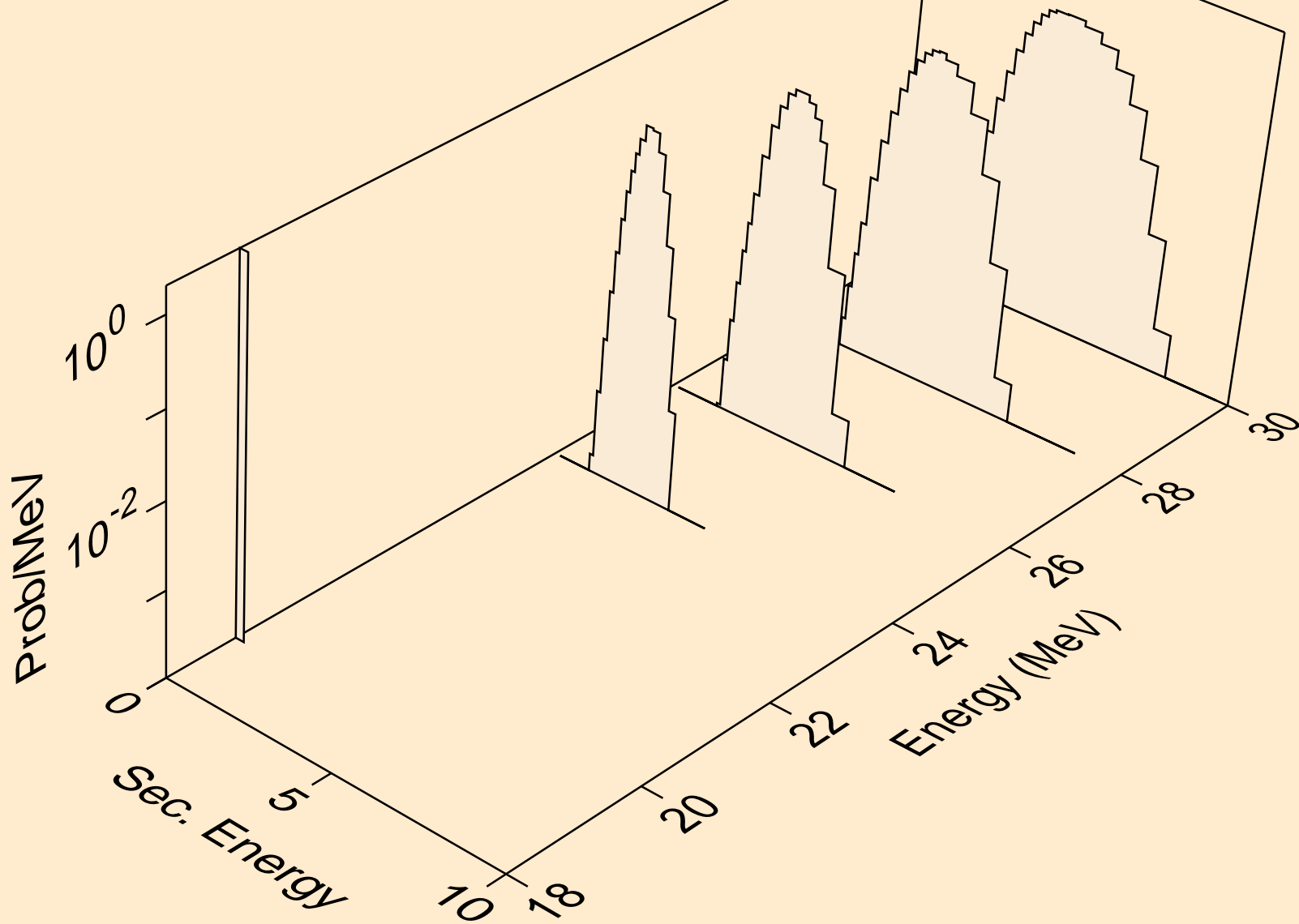
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



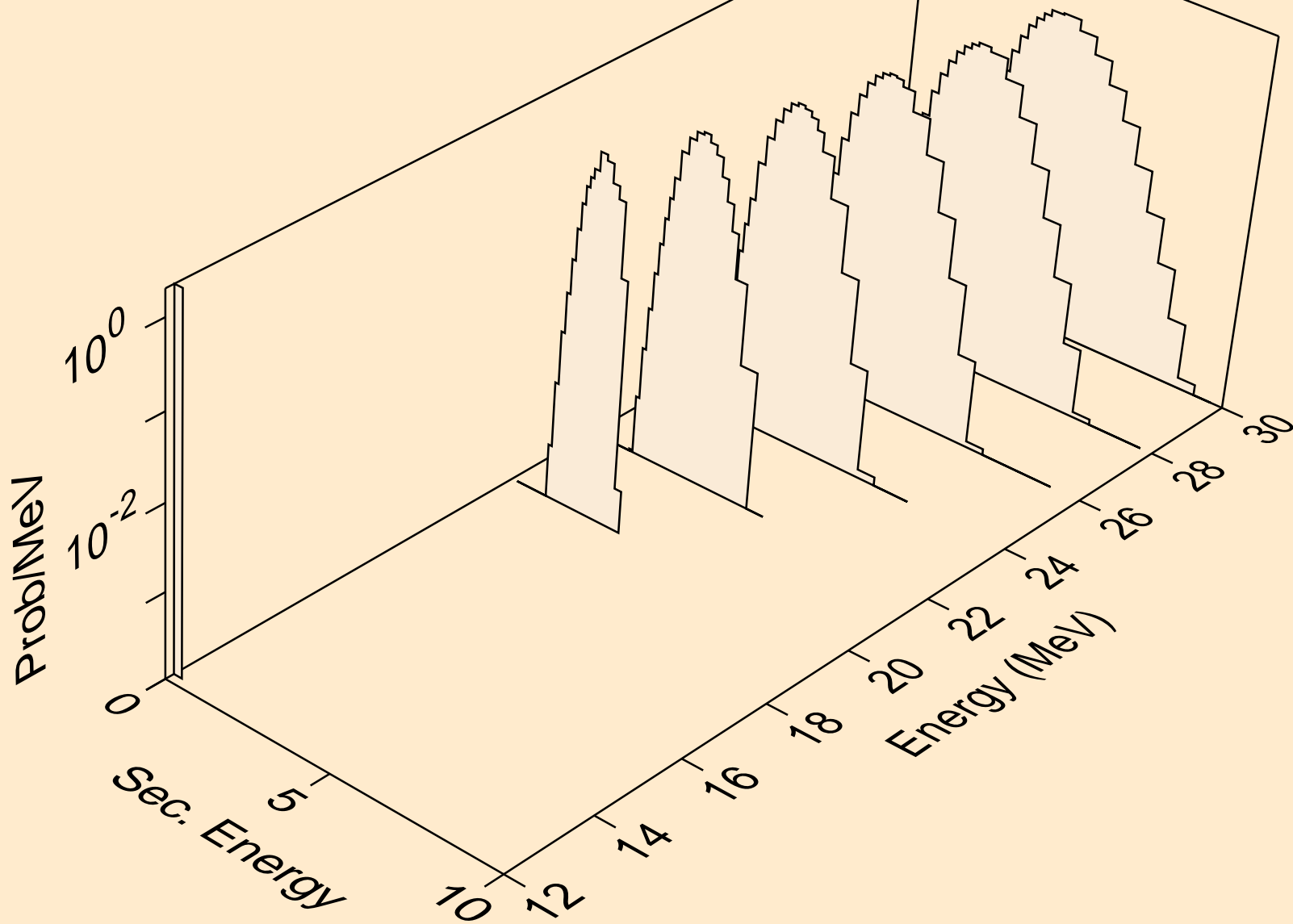
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



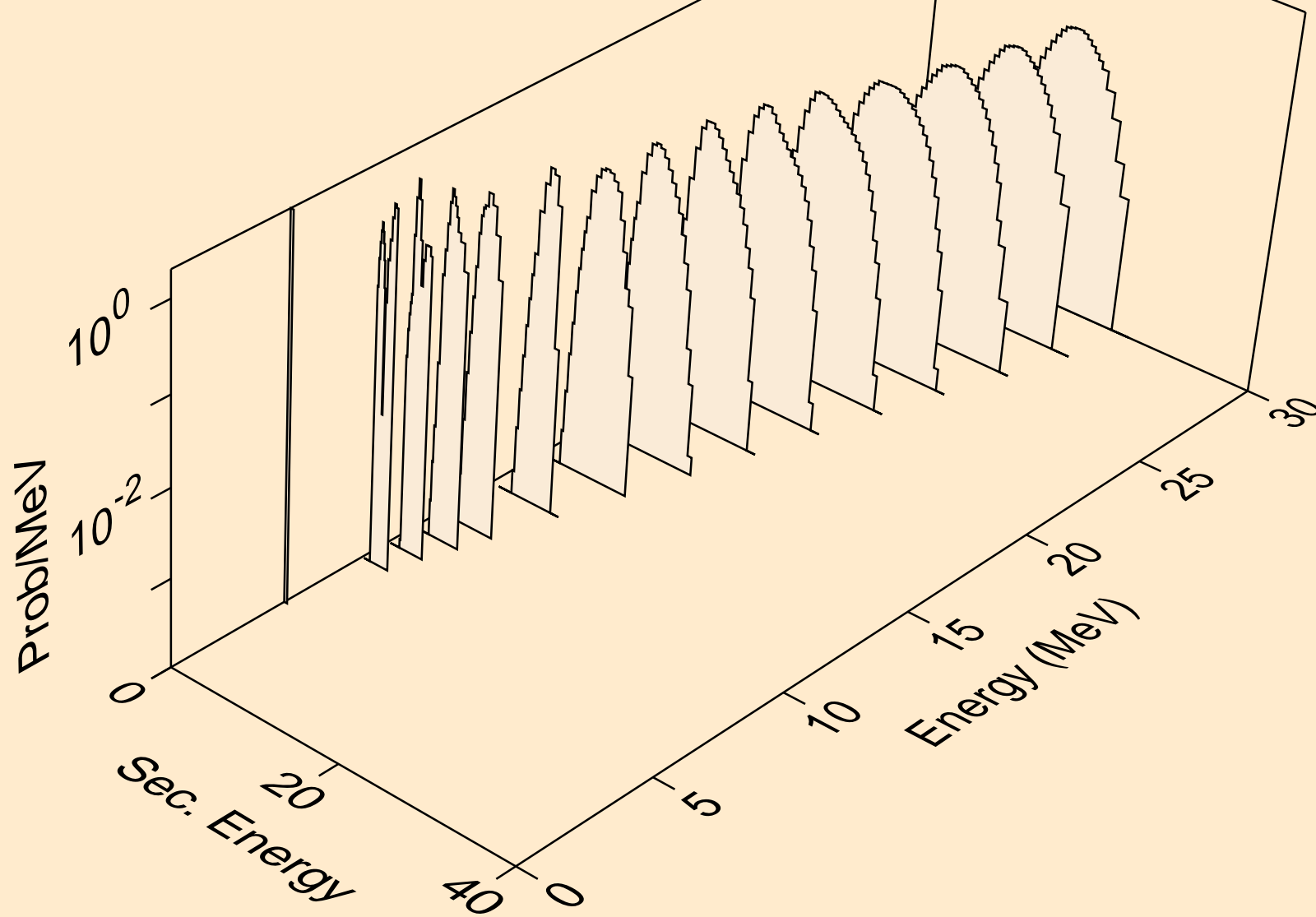
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



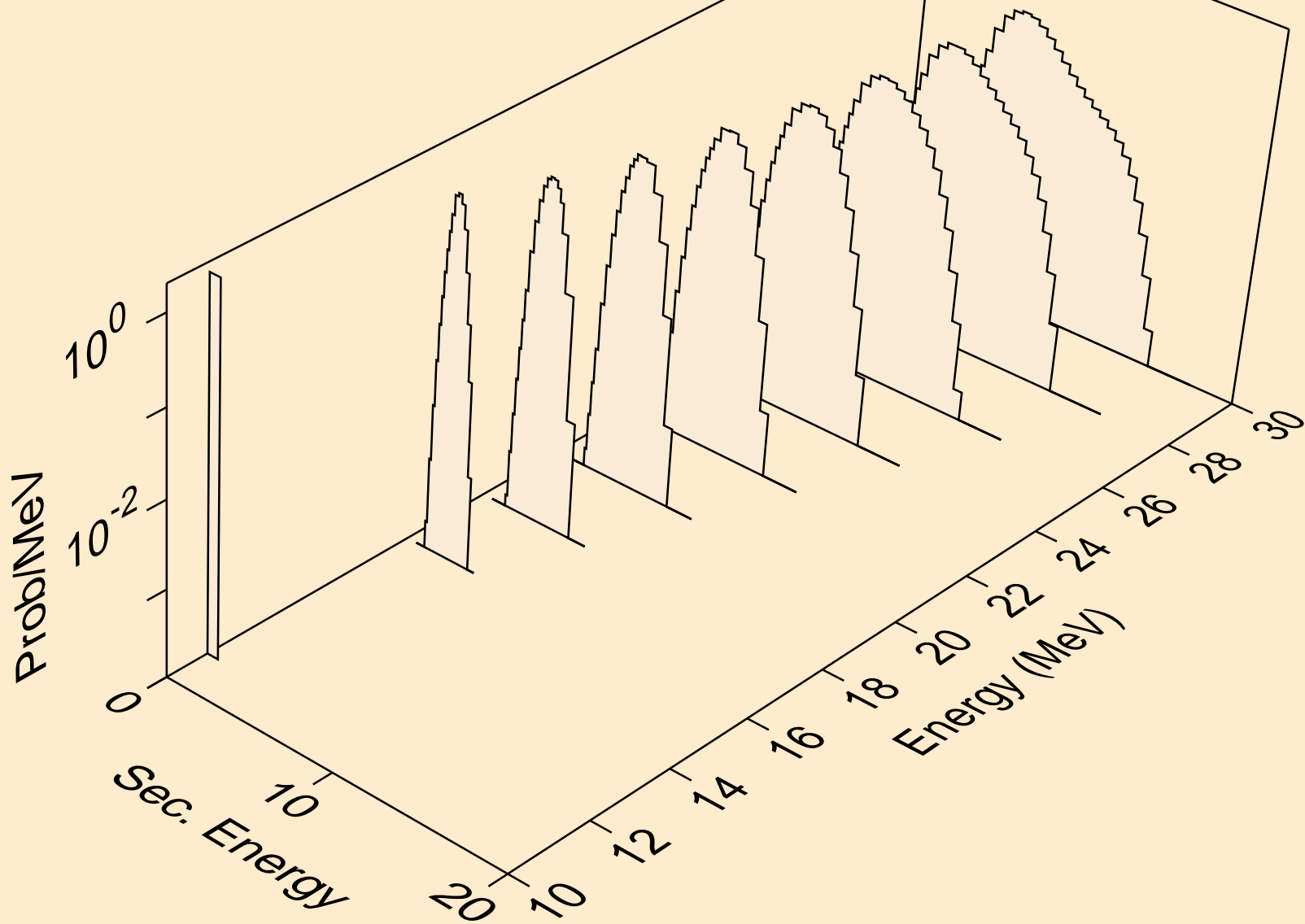
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



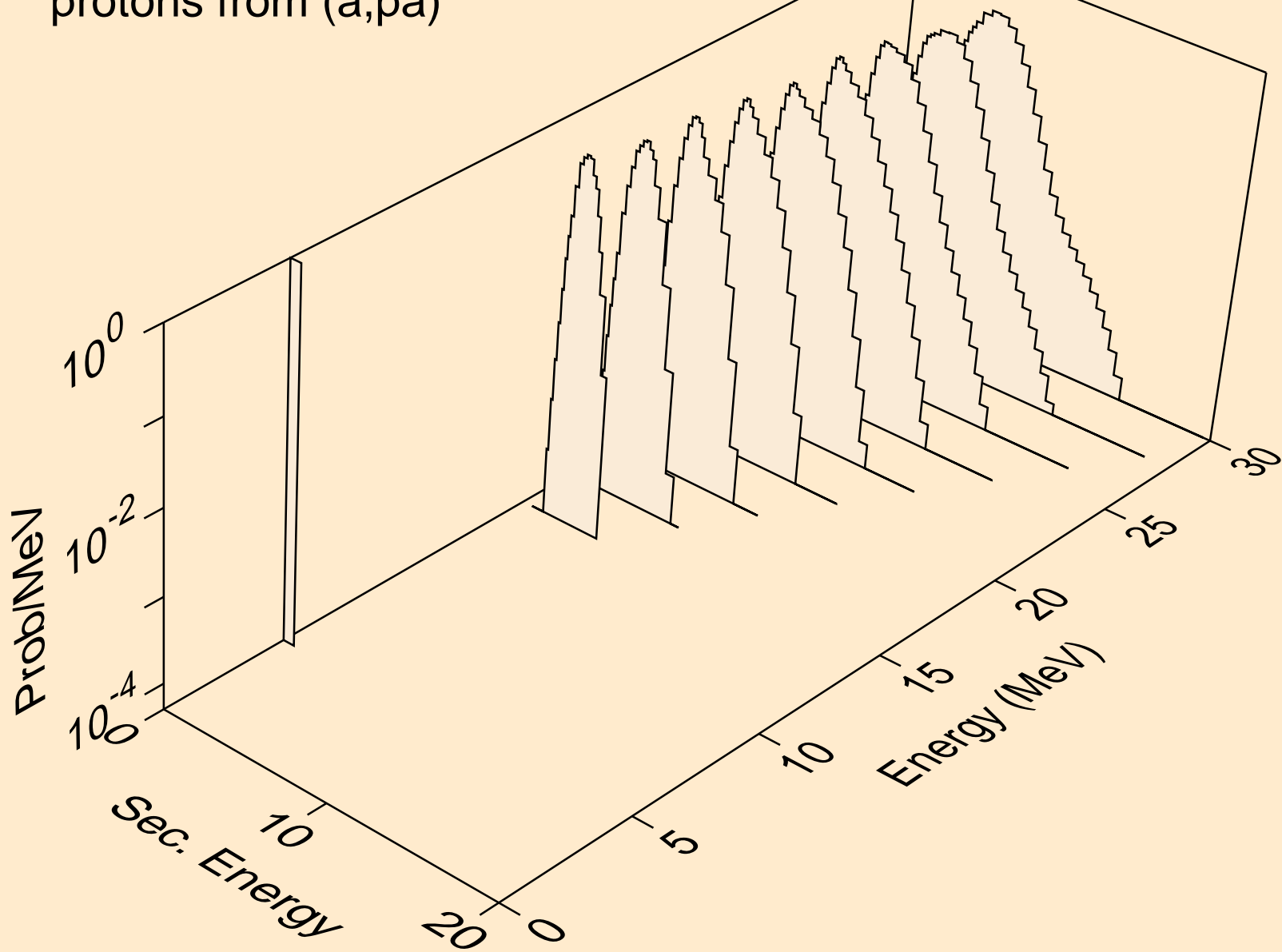
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protons from (a,p)



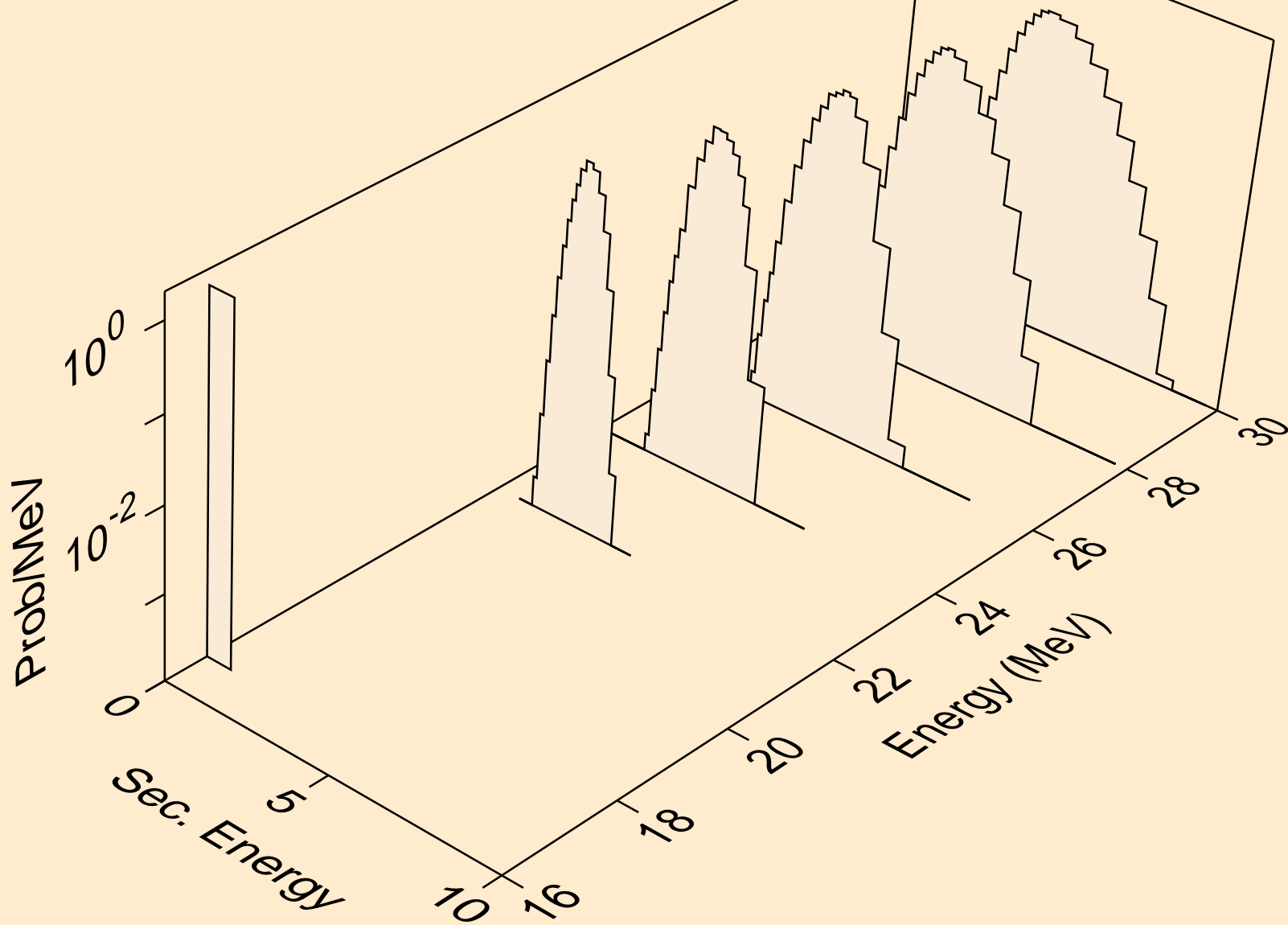
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)

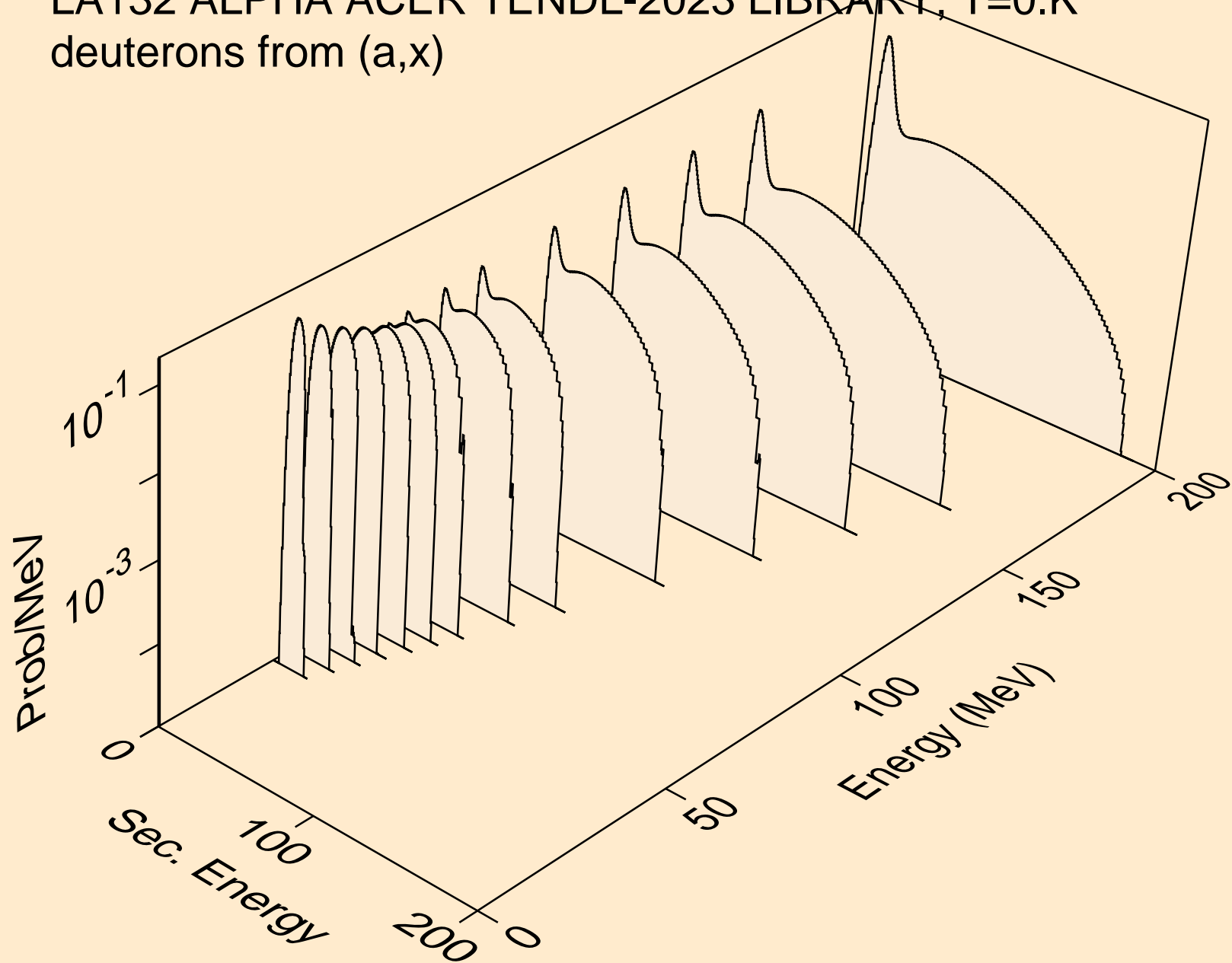


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)

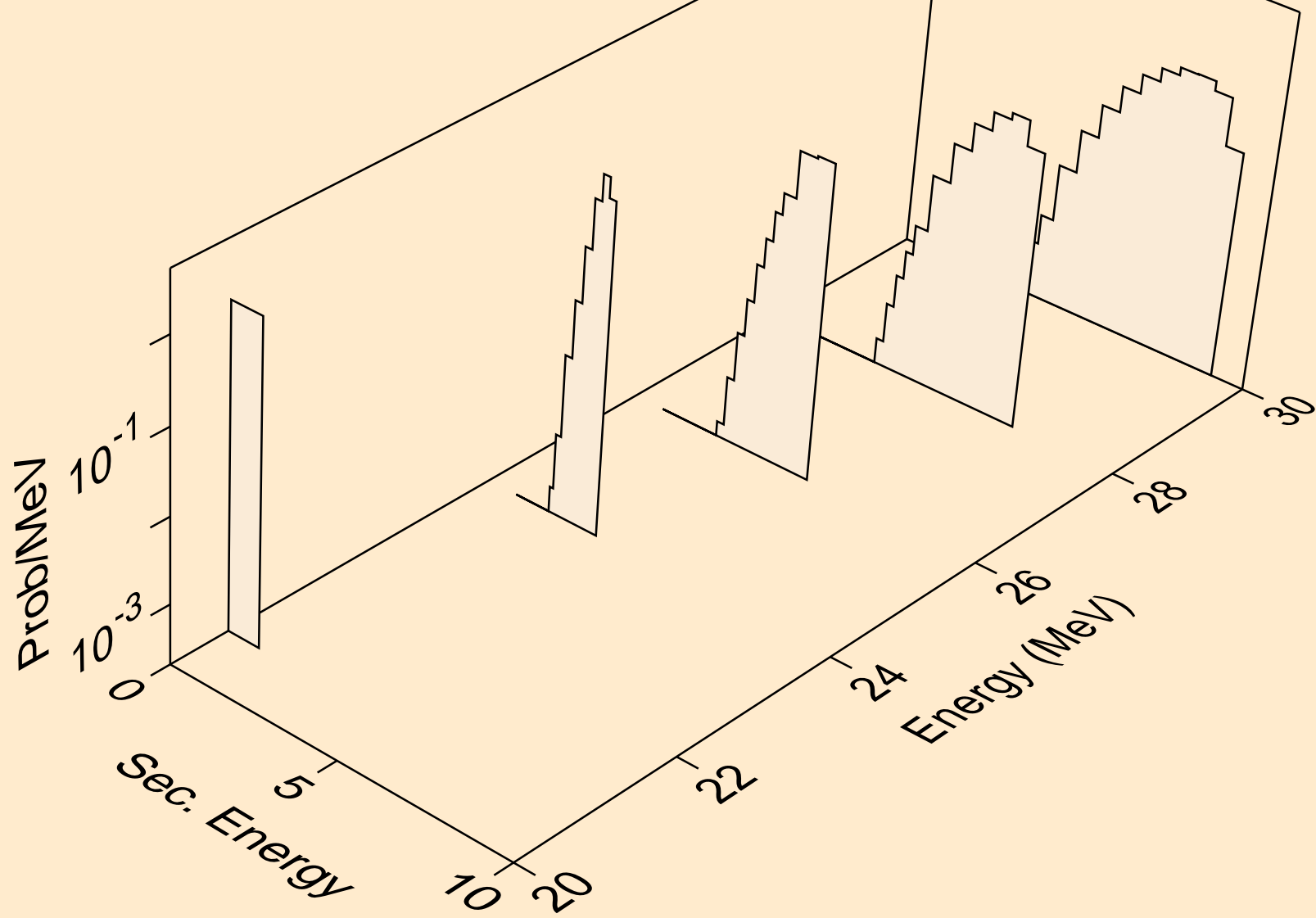




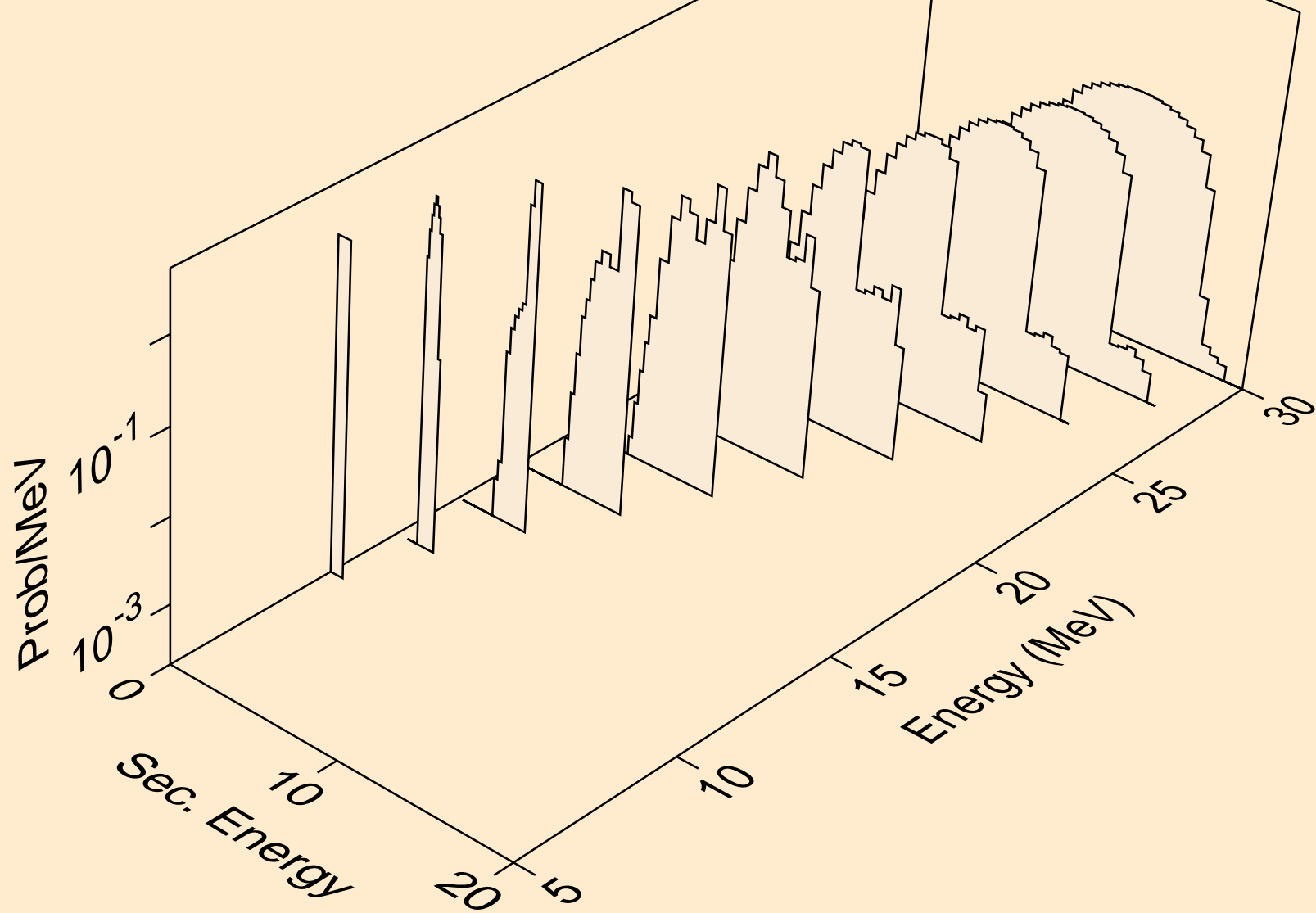
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



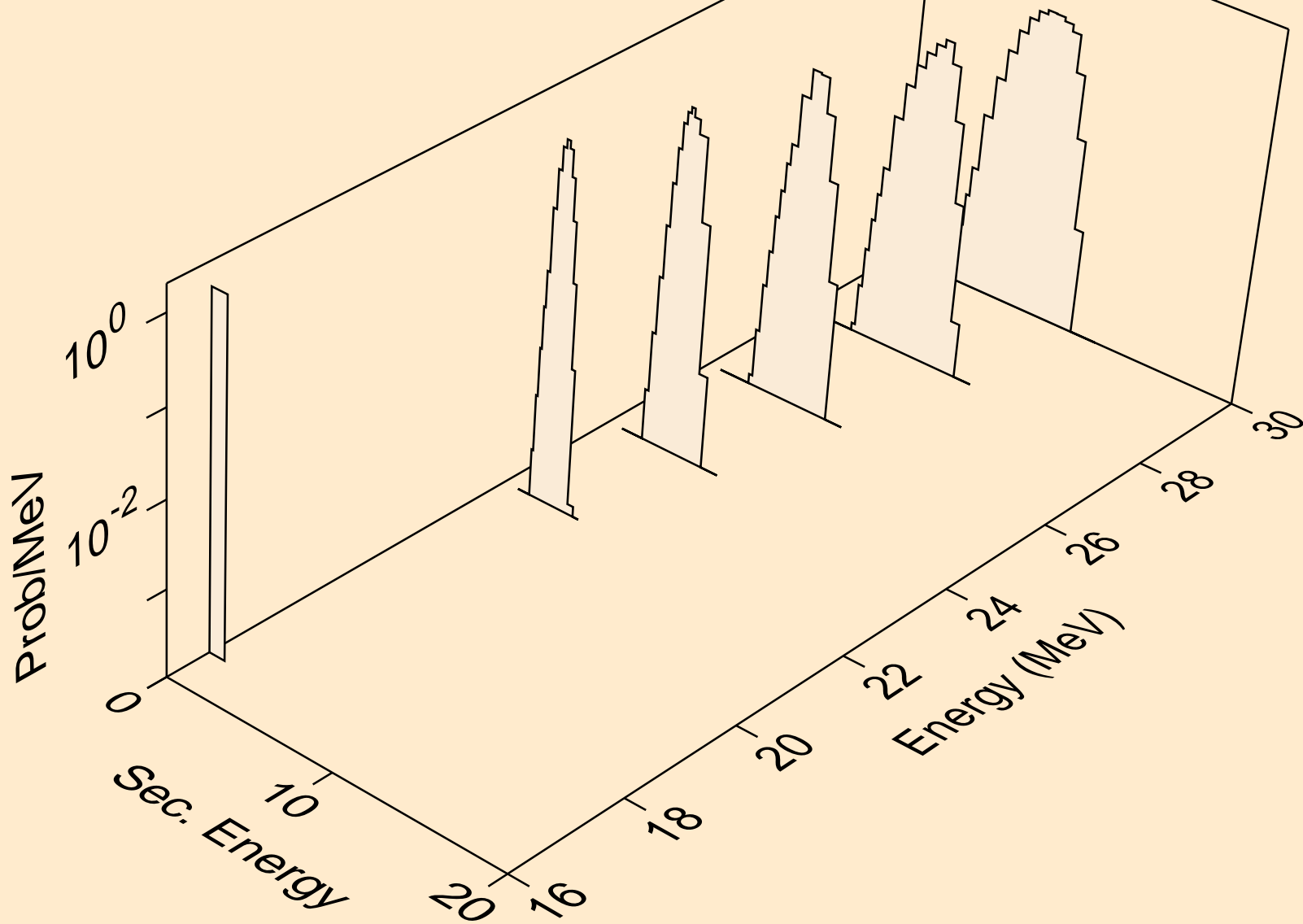
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



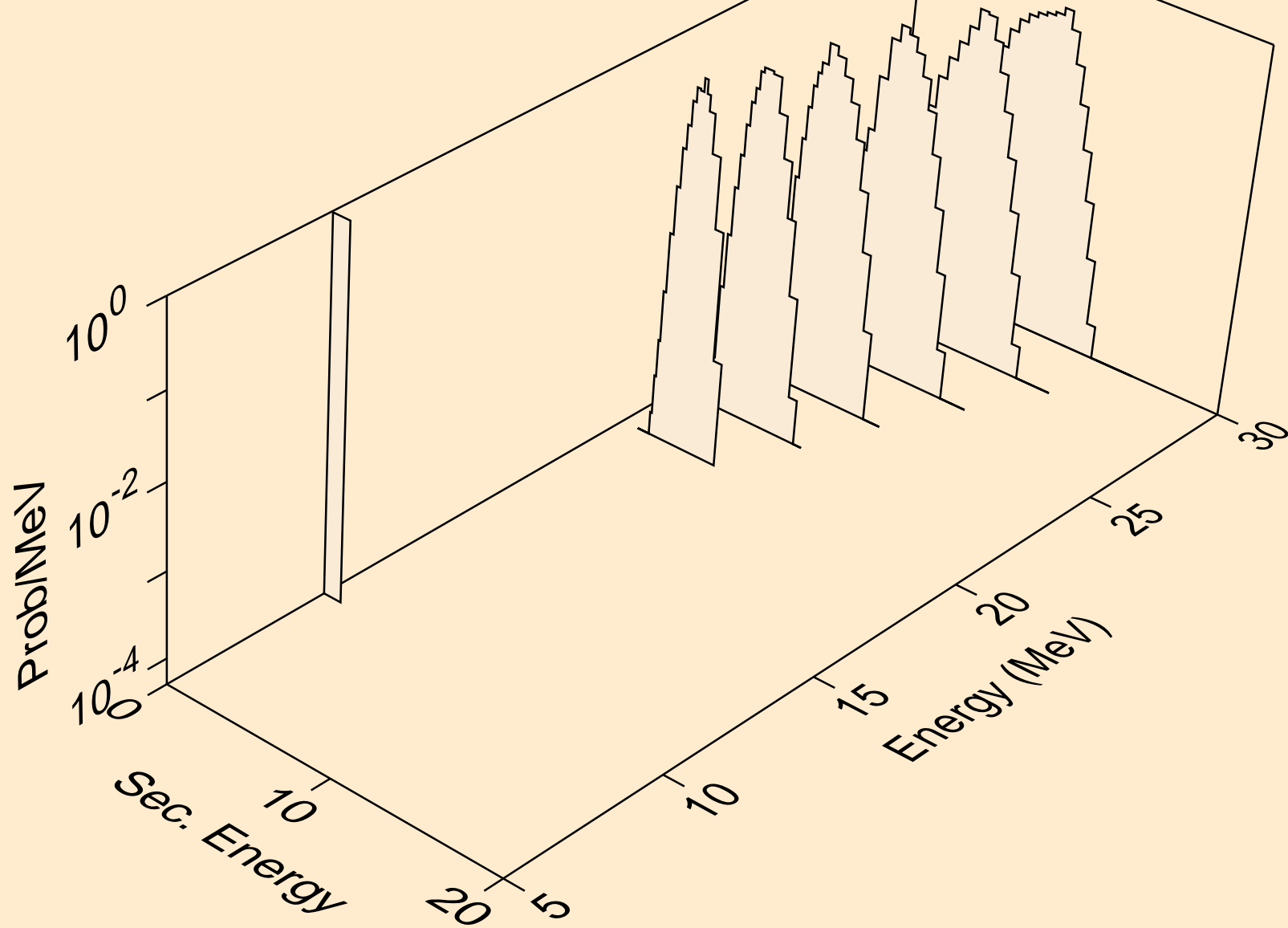
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



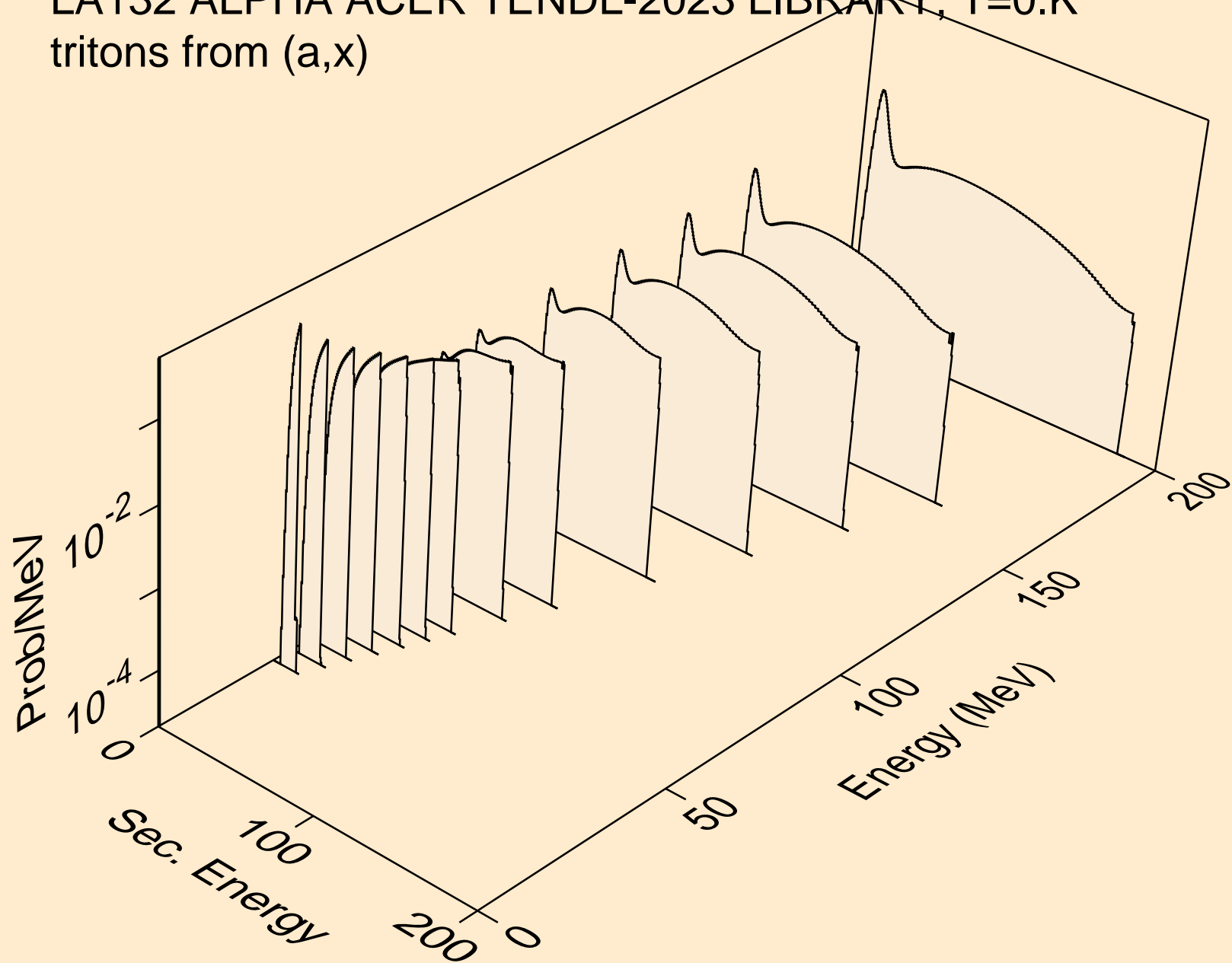
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



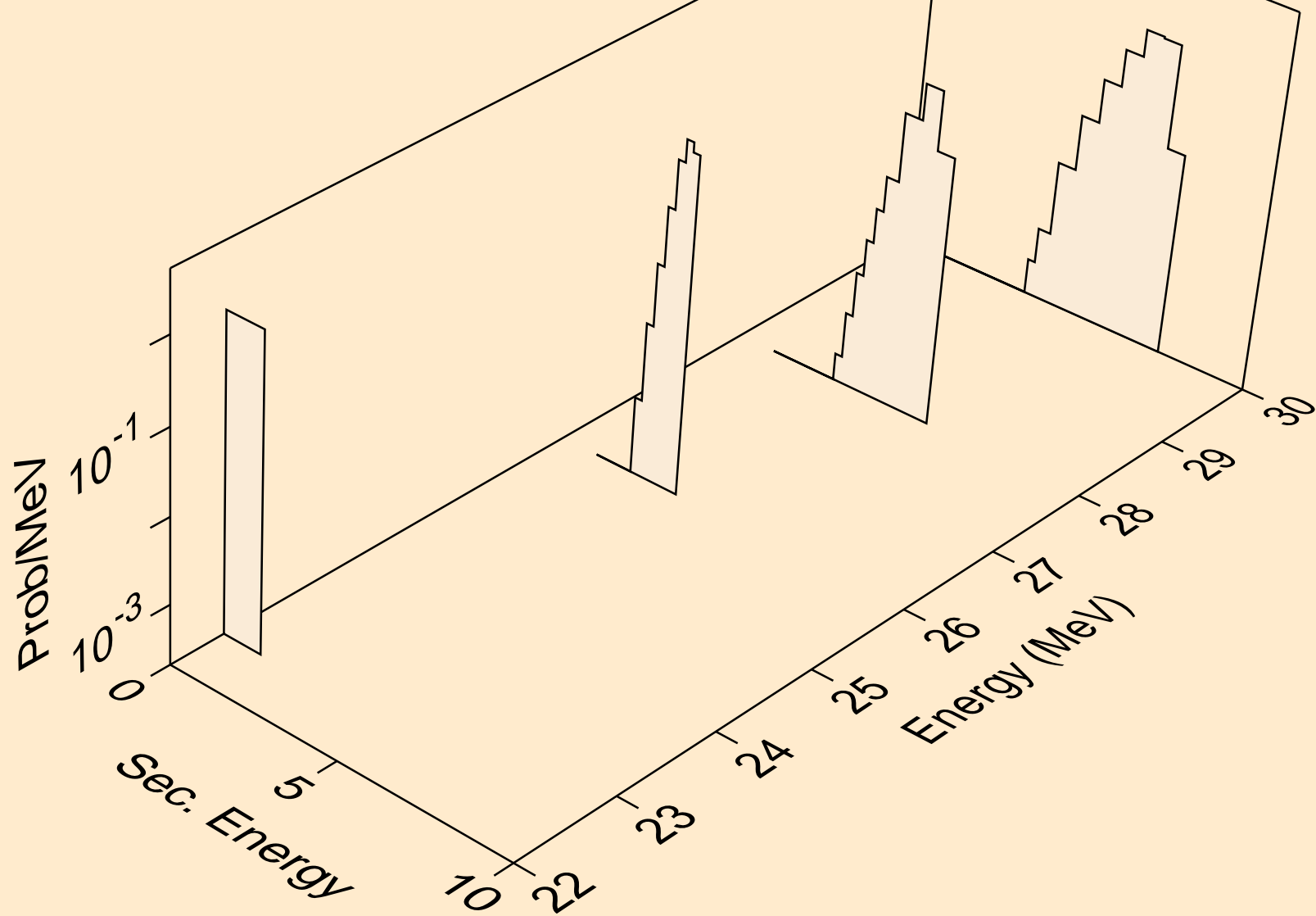
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



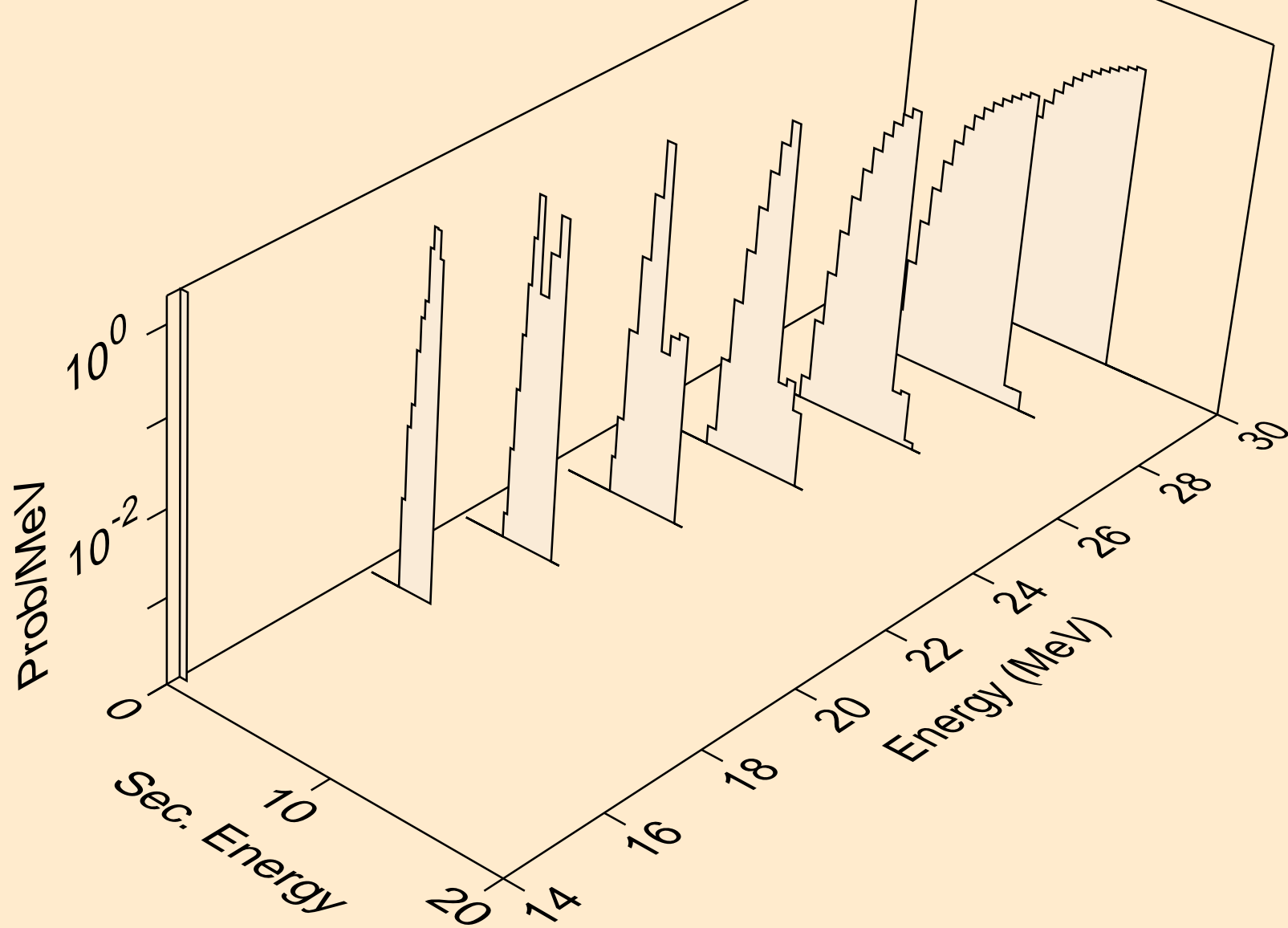
LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t

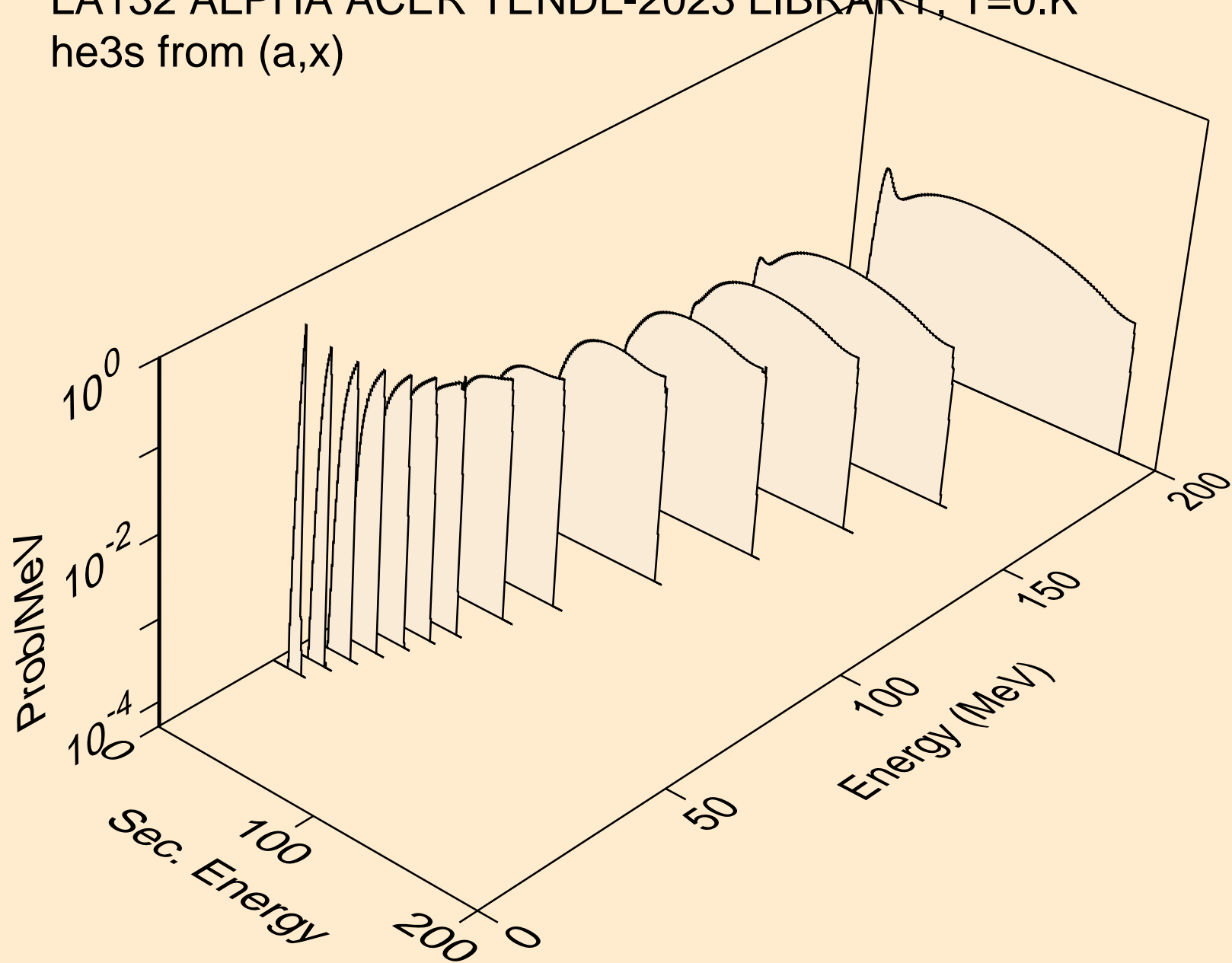


LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)





LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



LA132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

