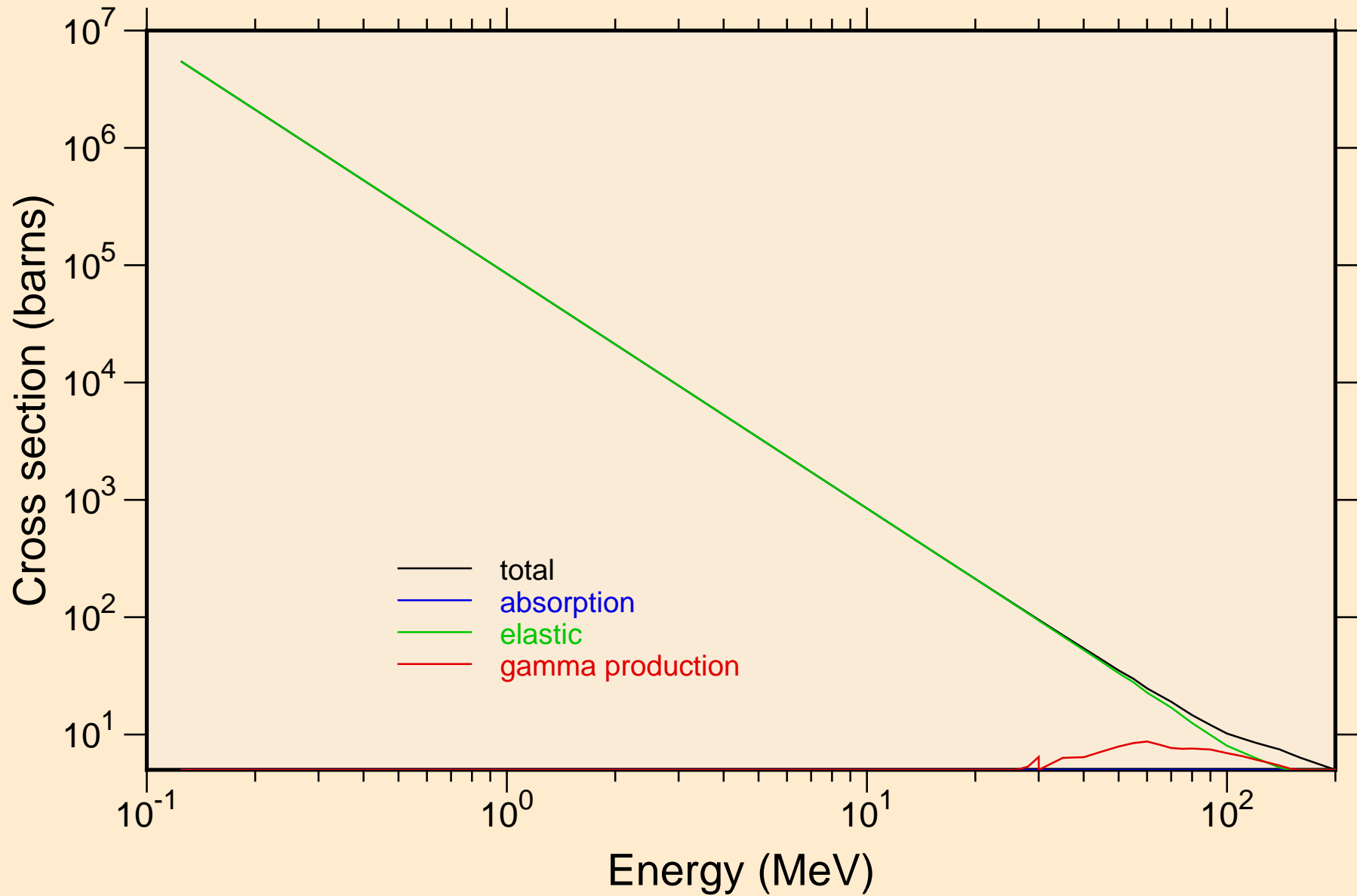


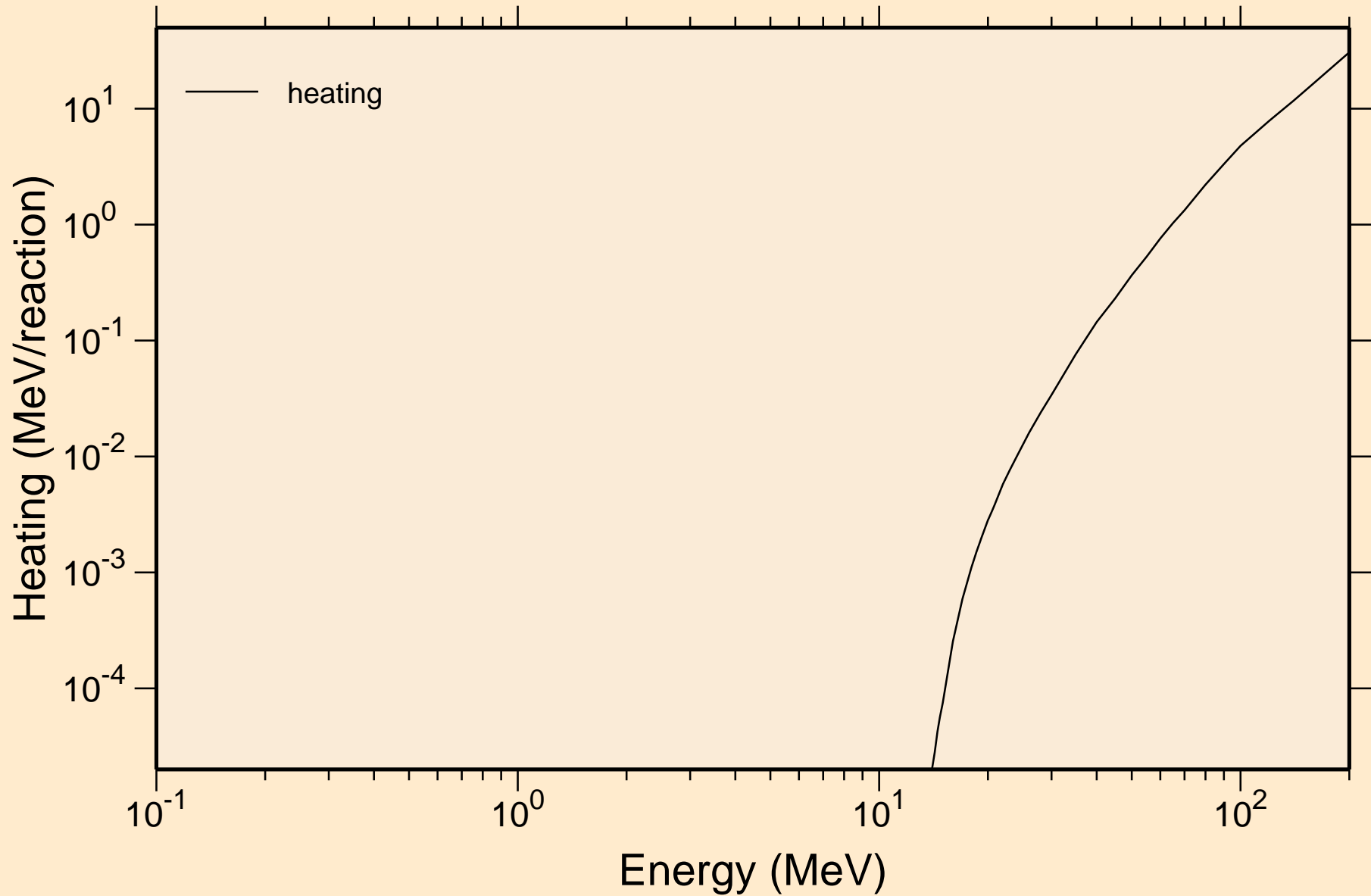
# LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



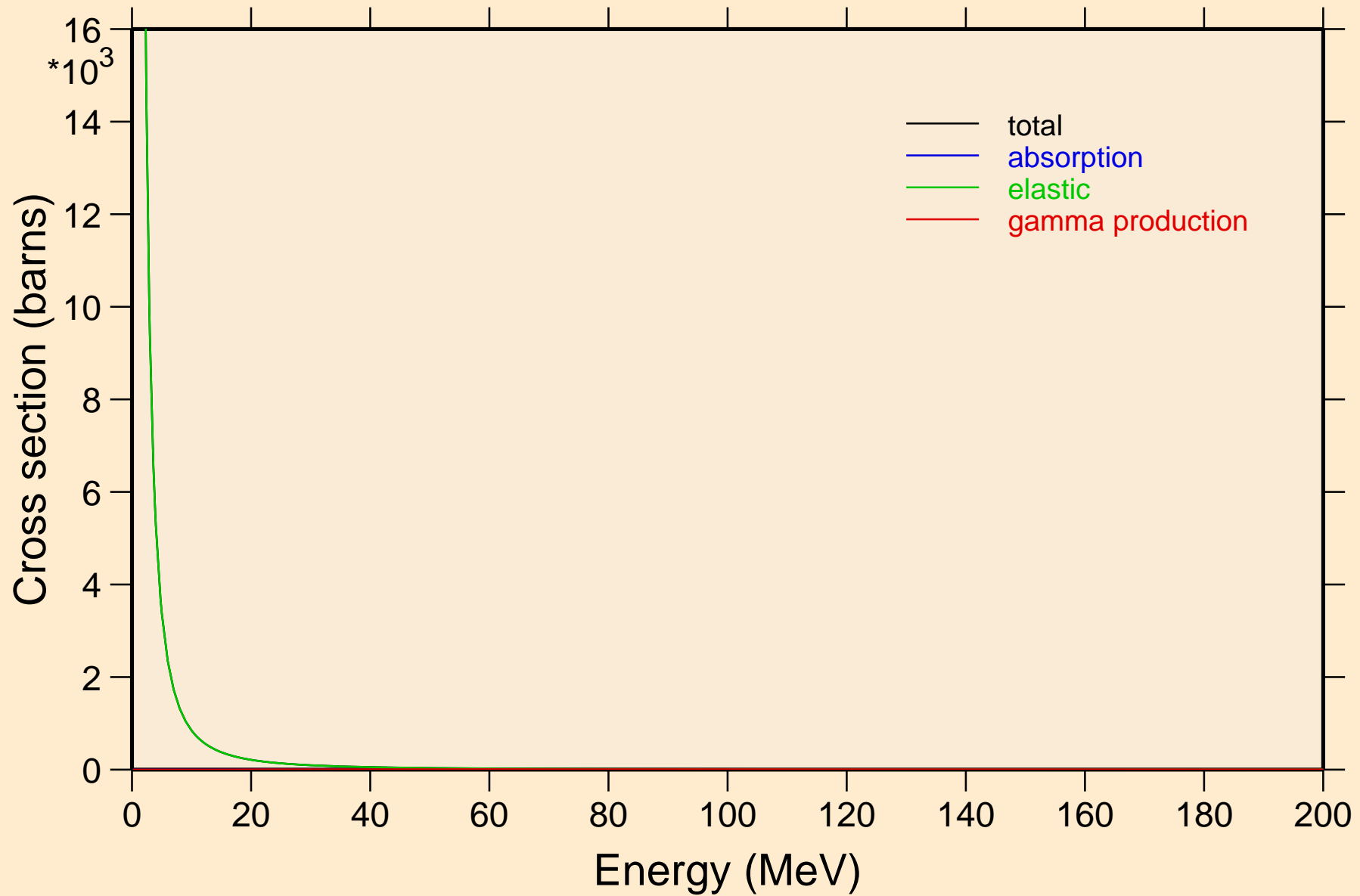
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



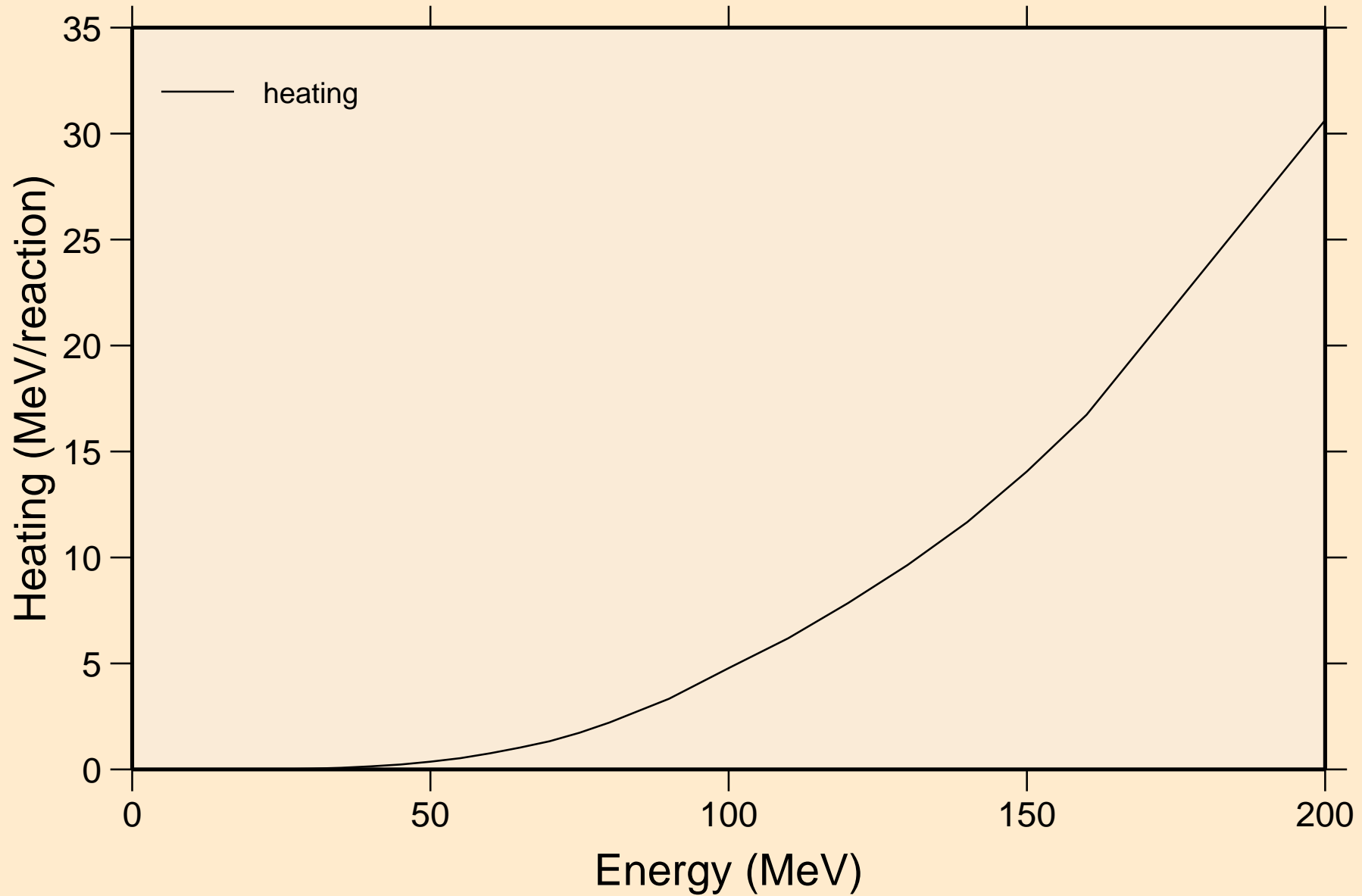
# LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



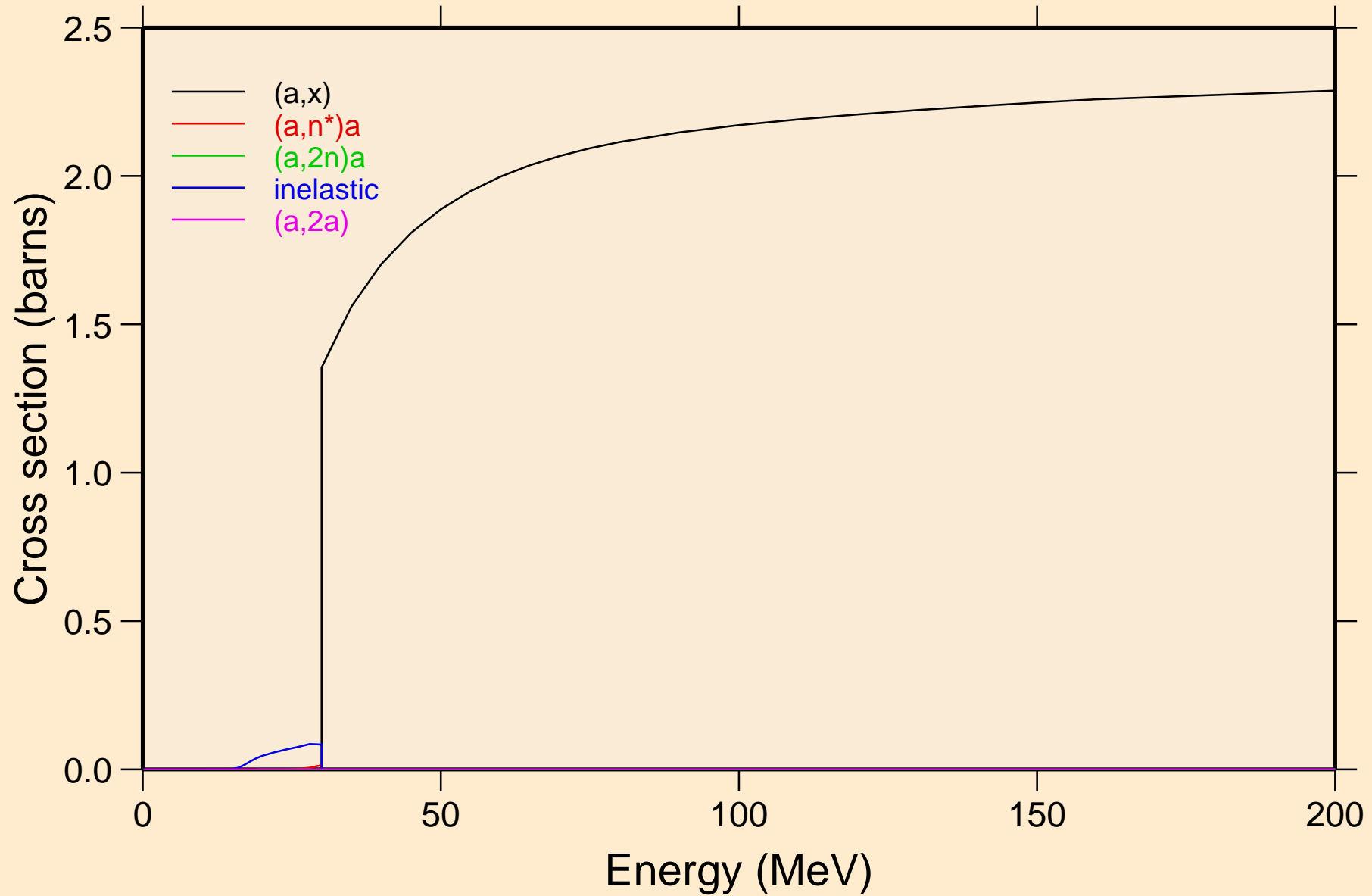
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating

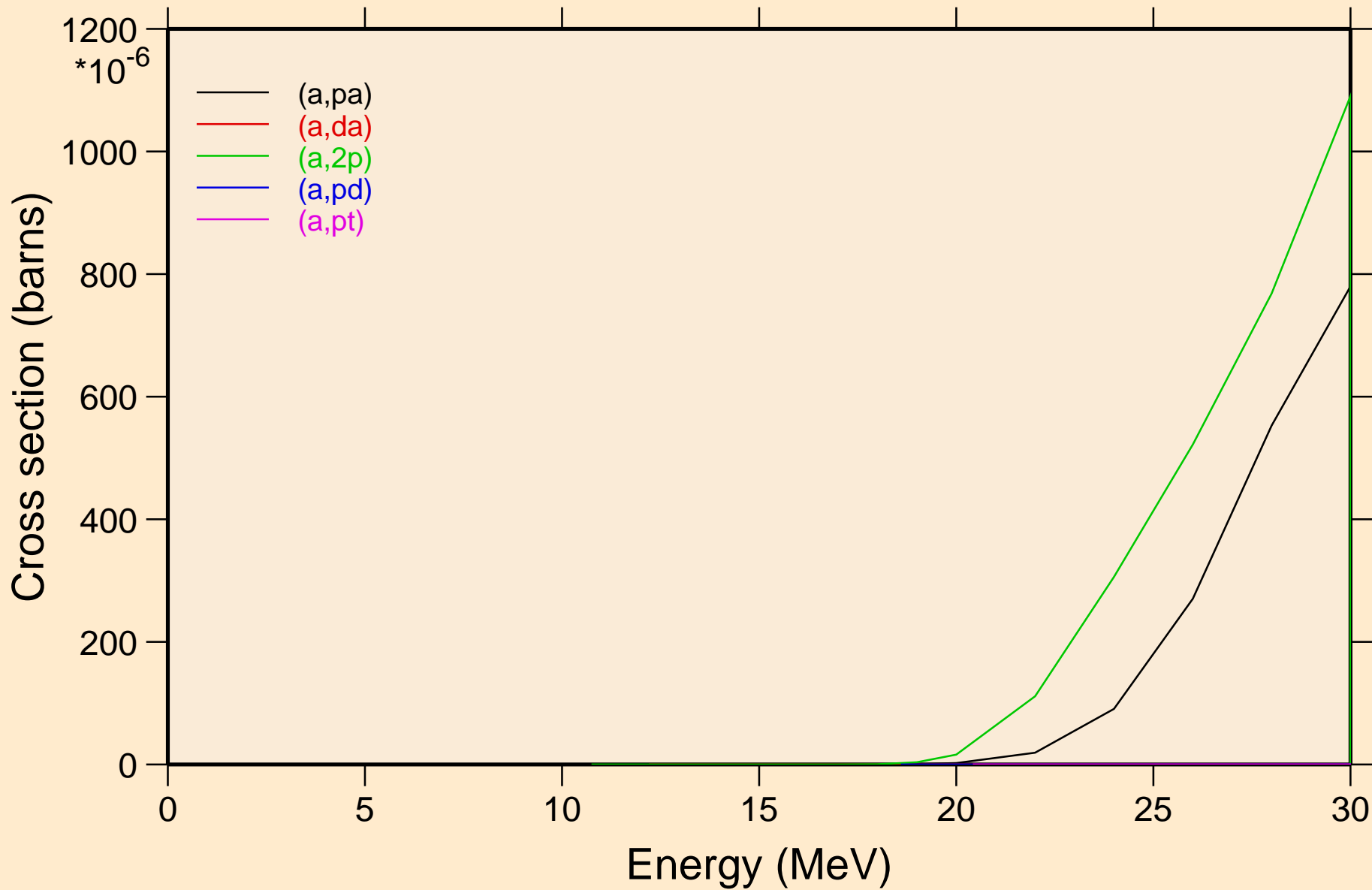


# LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

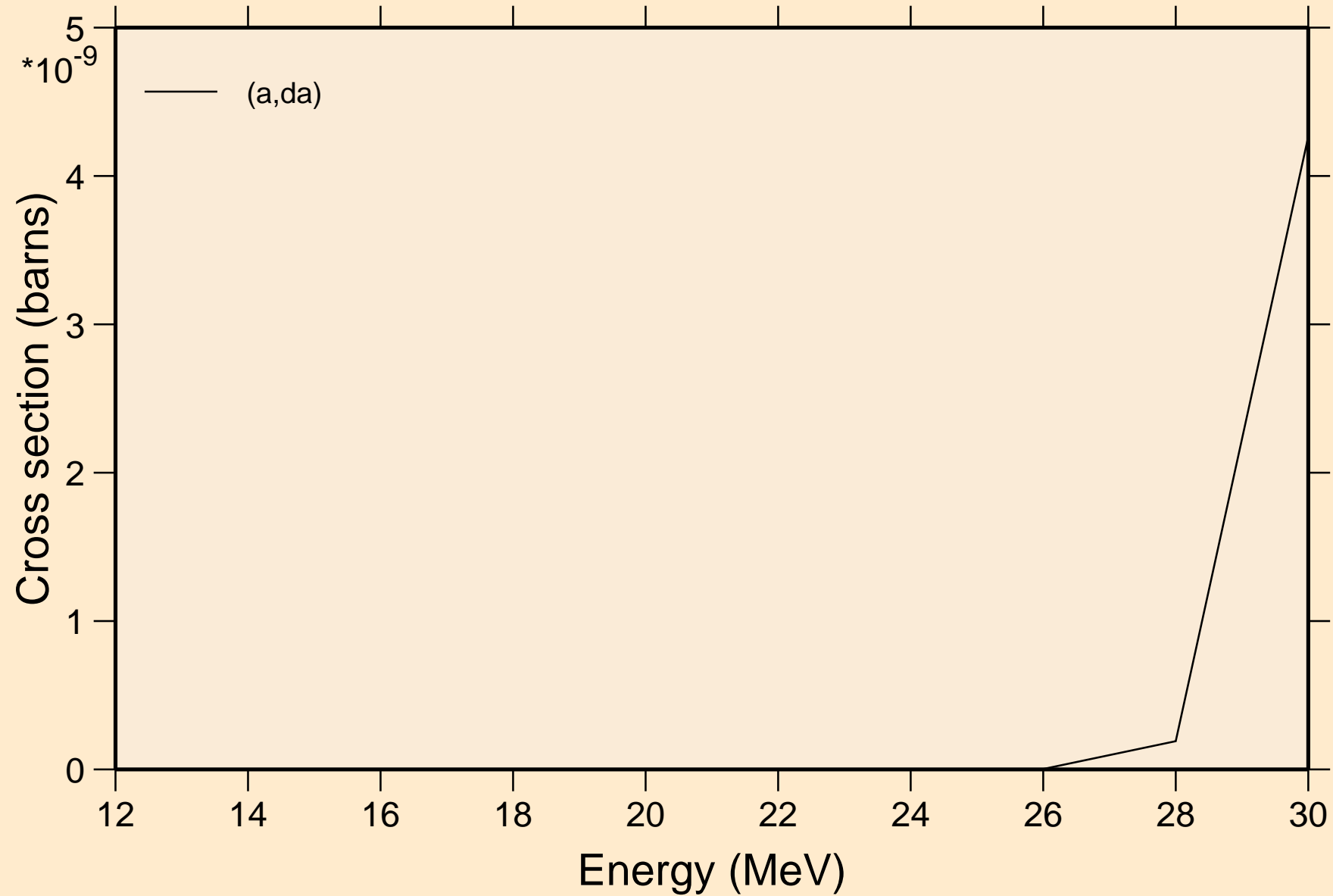
## Threshold reactions



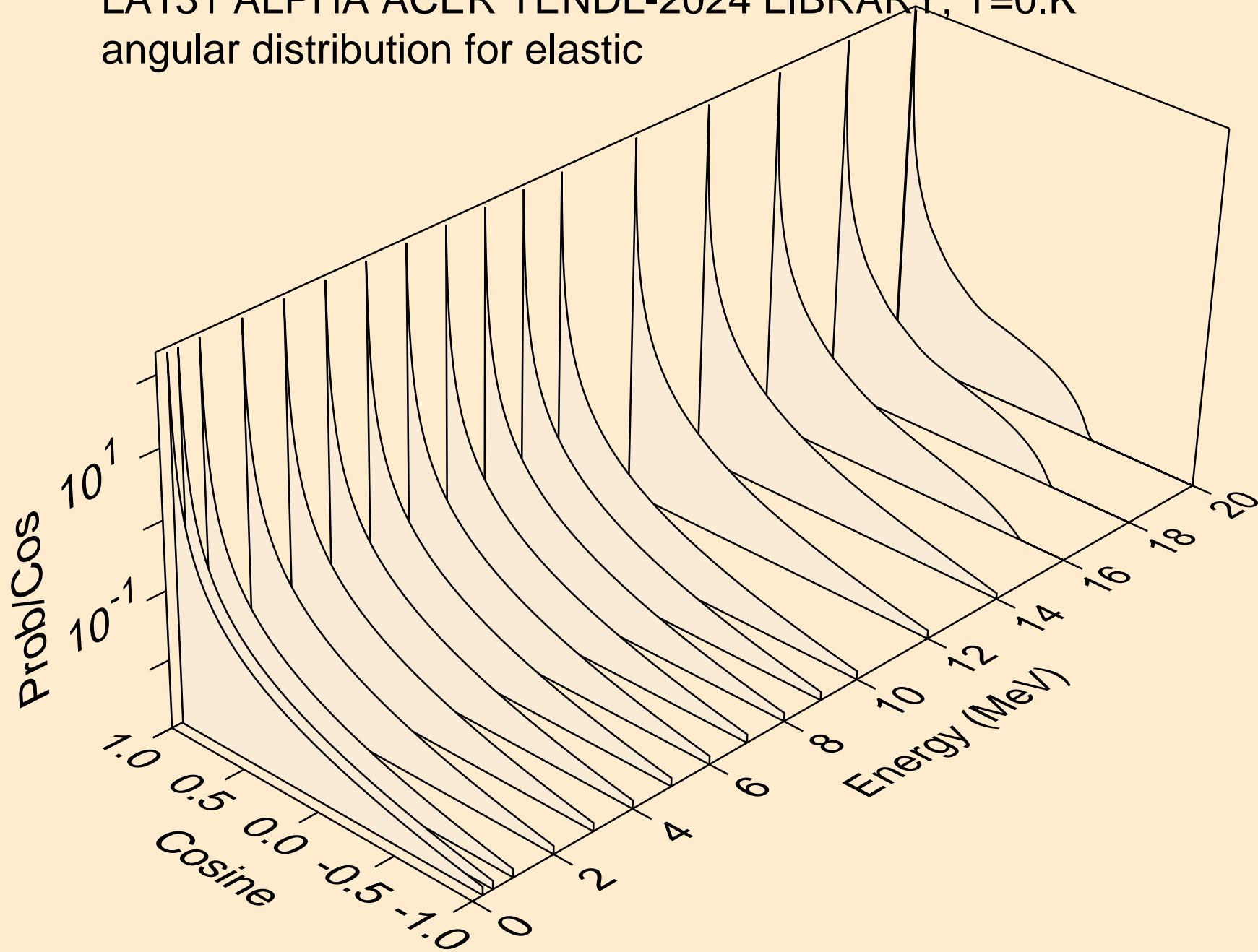
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



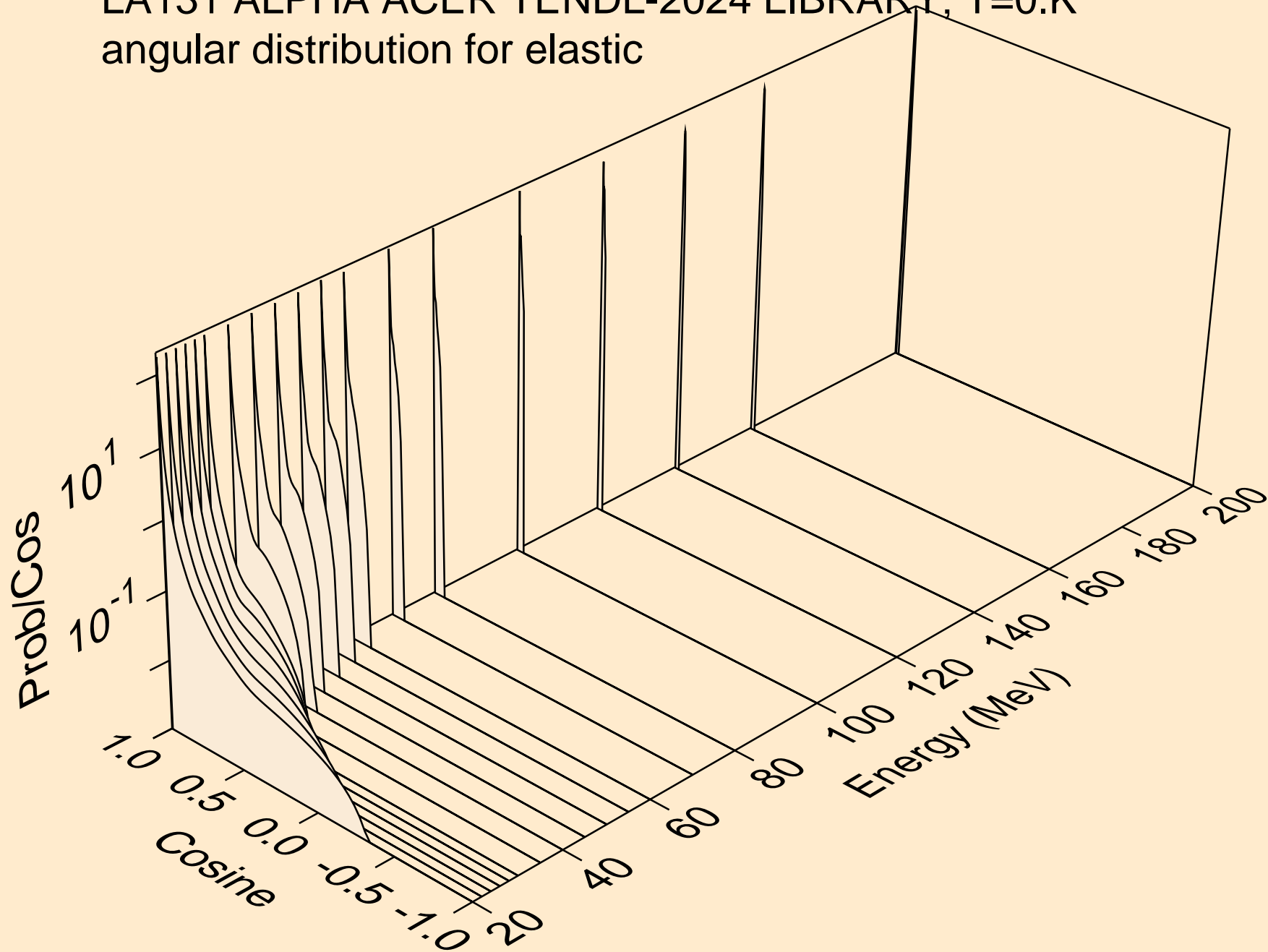
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

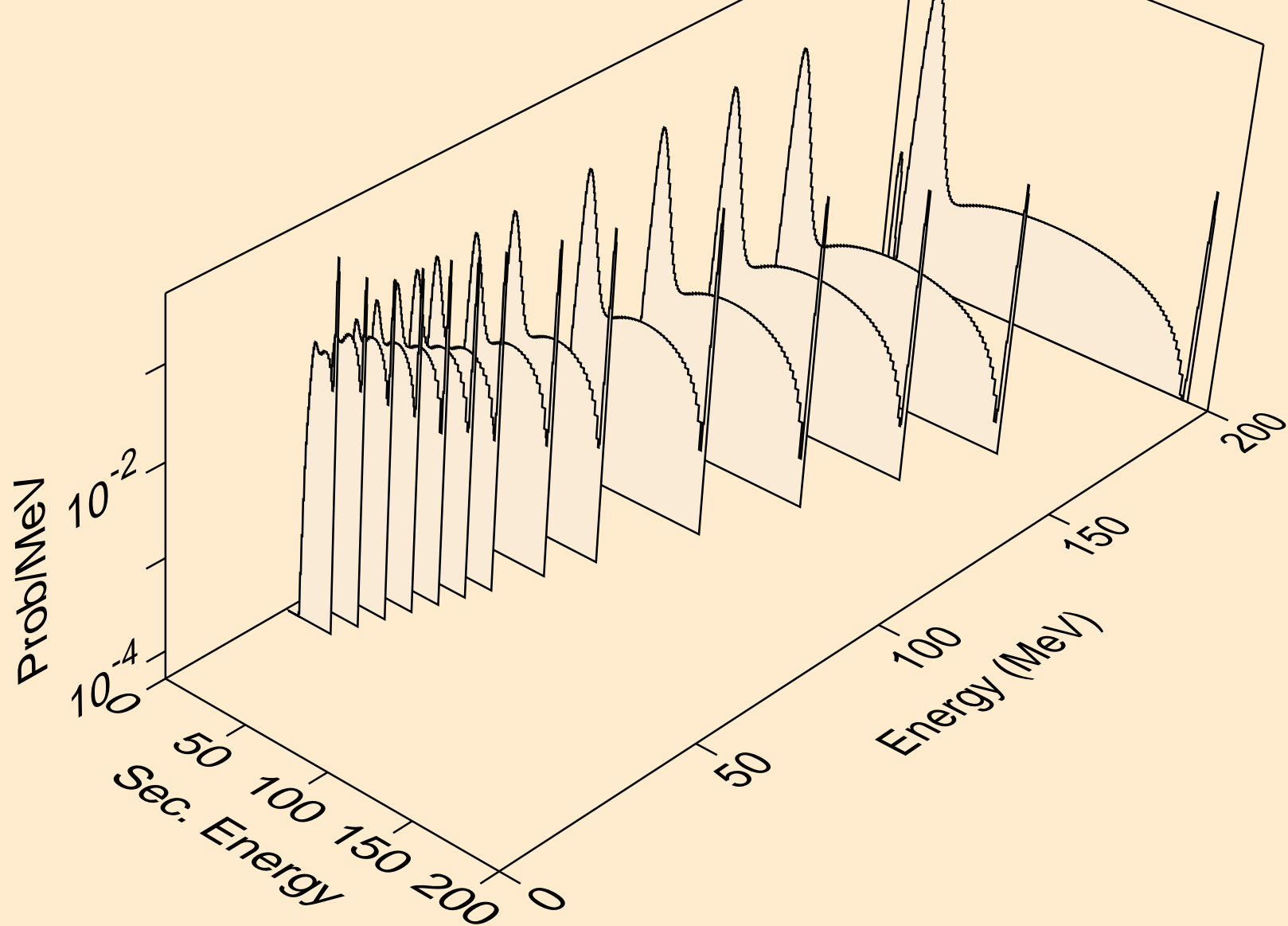


LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

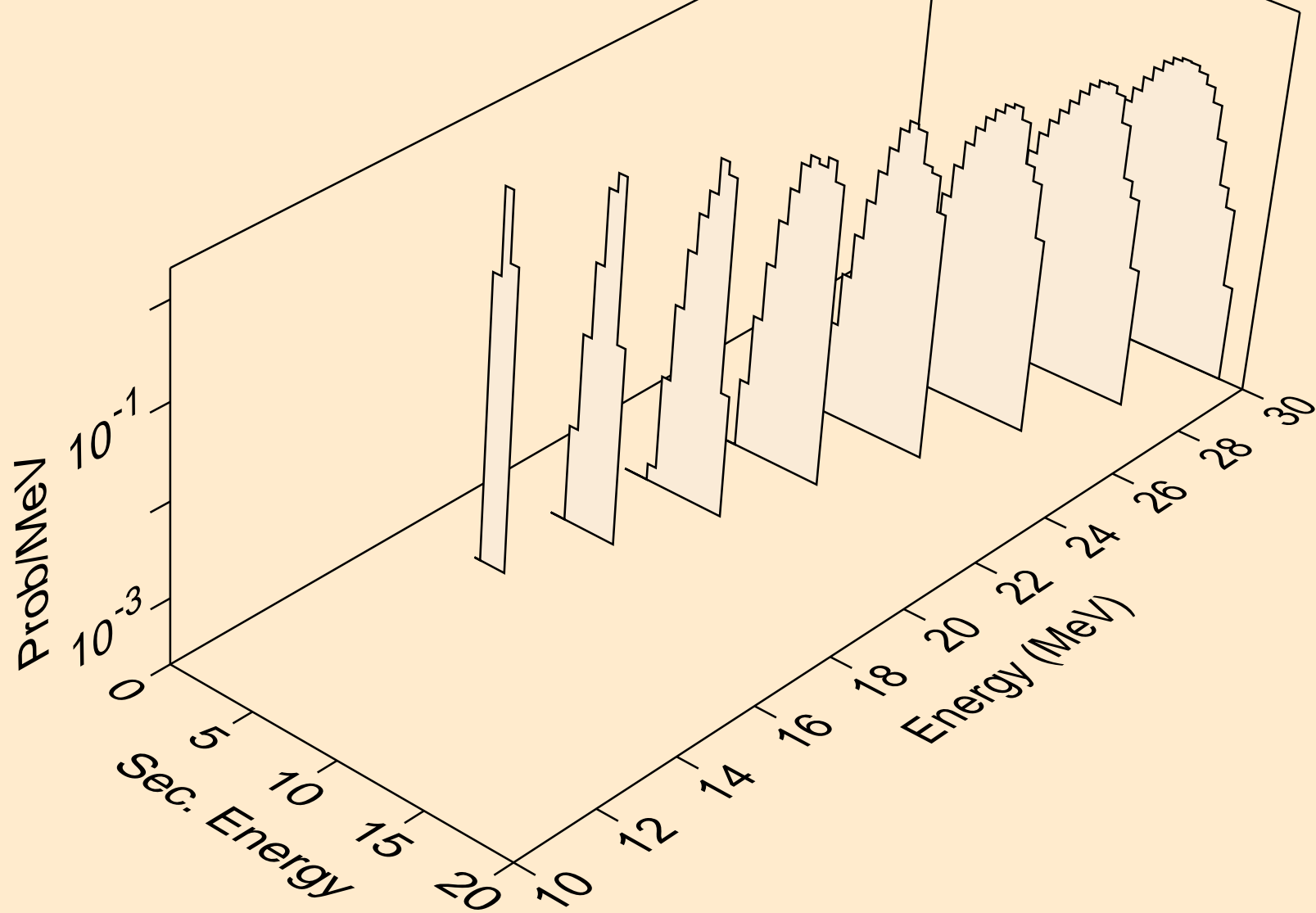


LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)

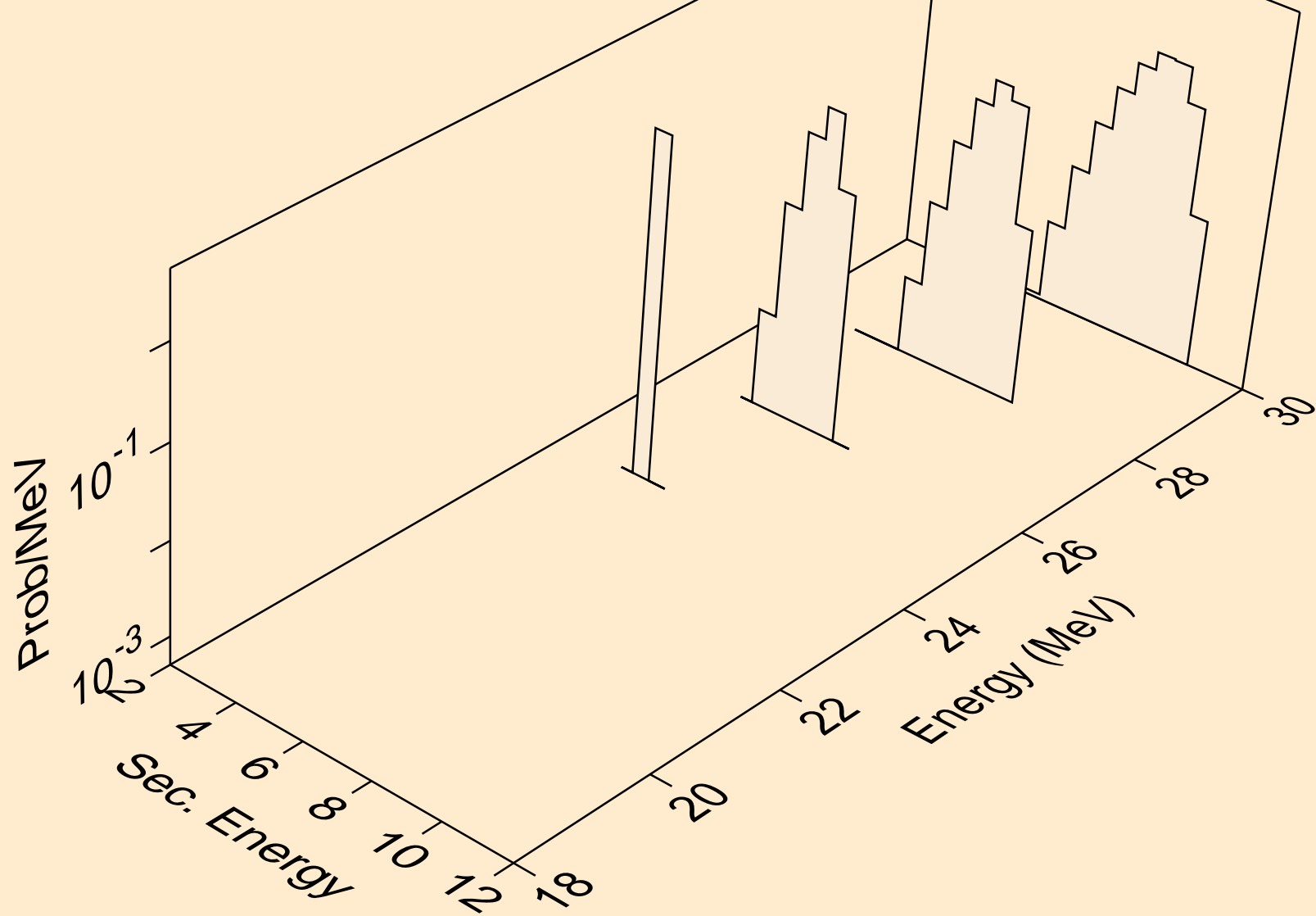


LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

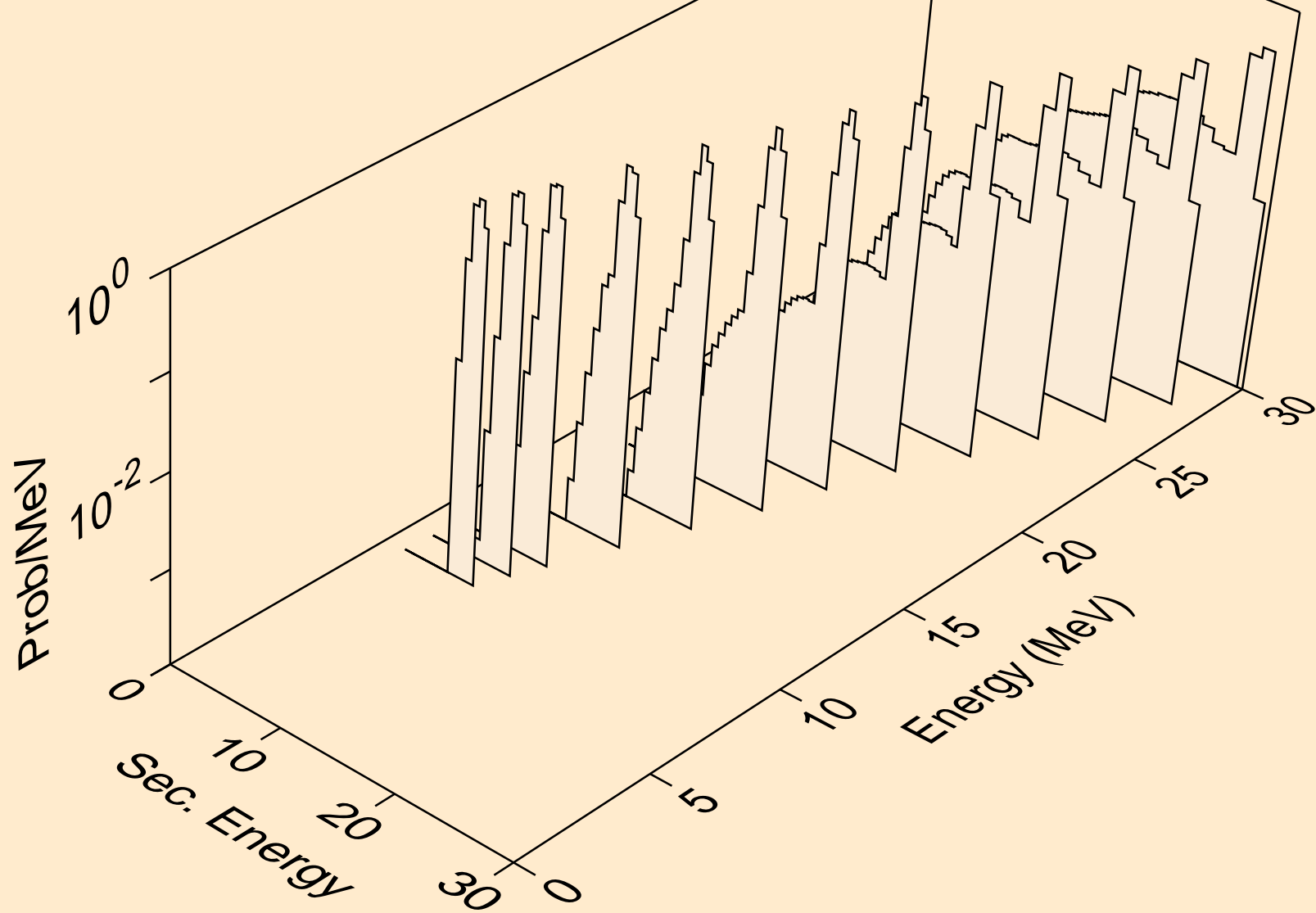


LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a

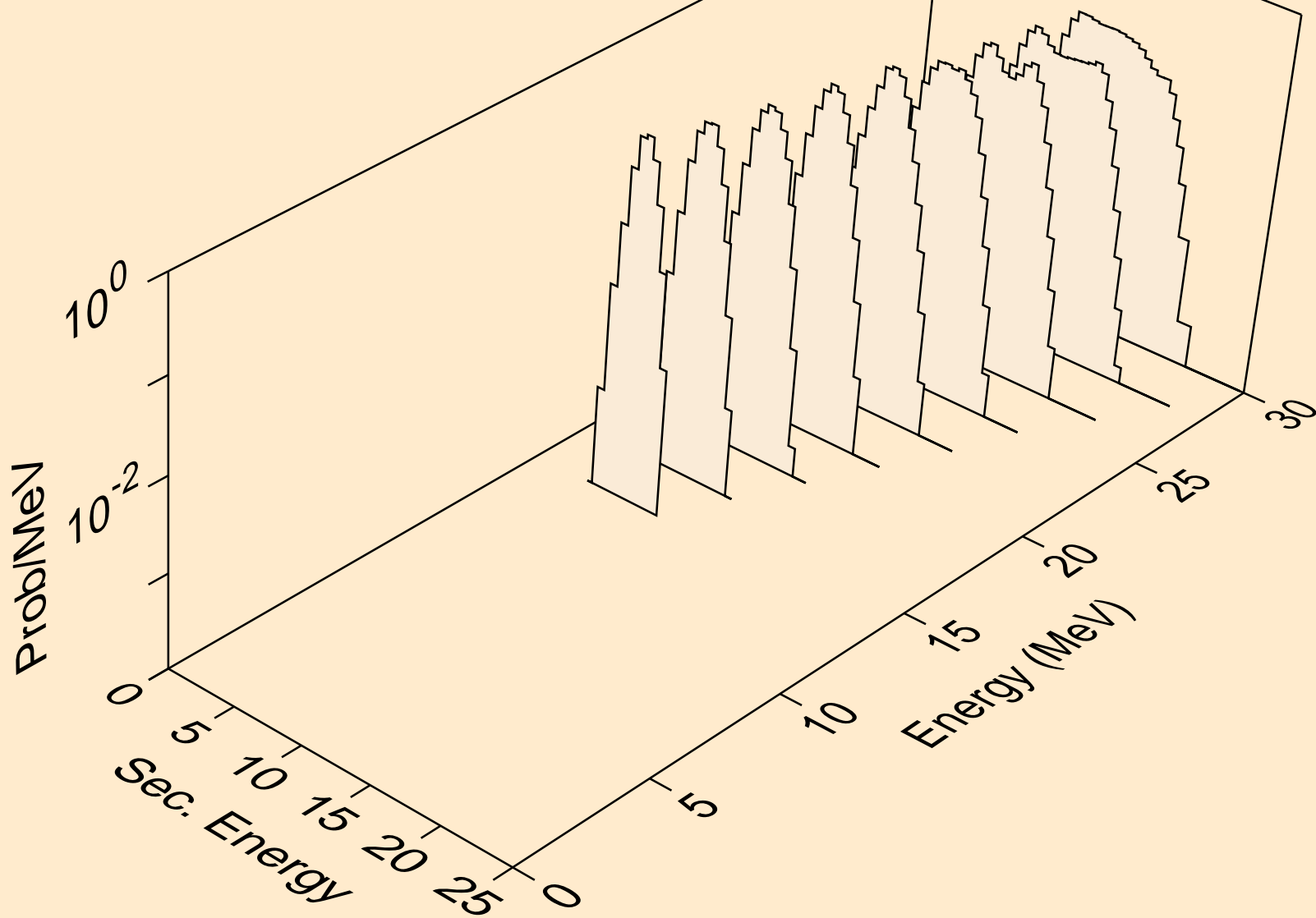


LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



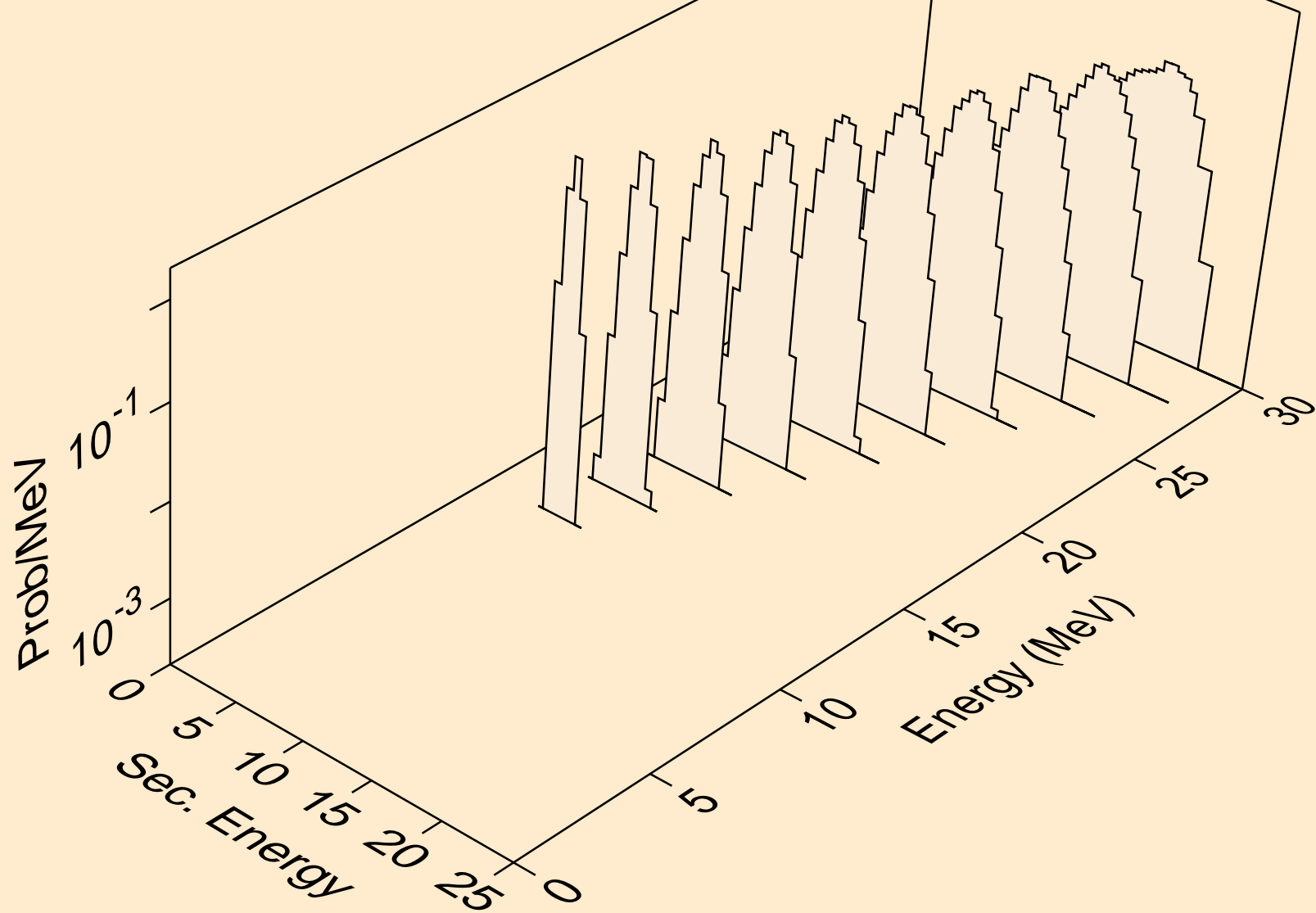
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2a)



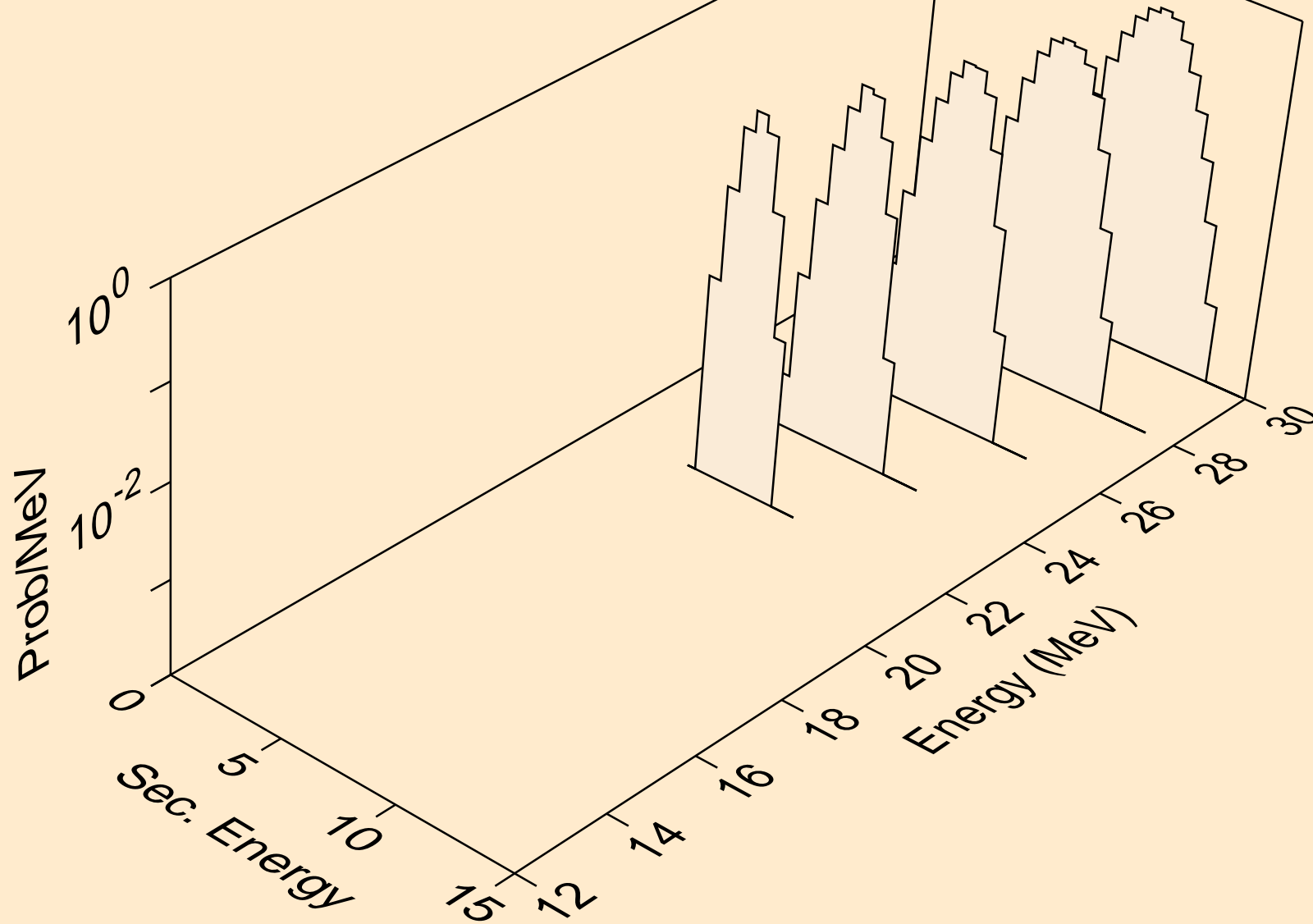
# LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,pa)

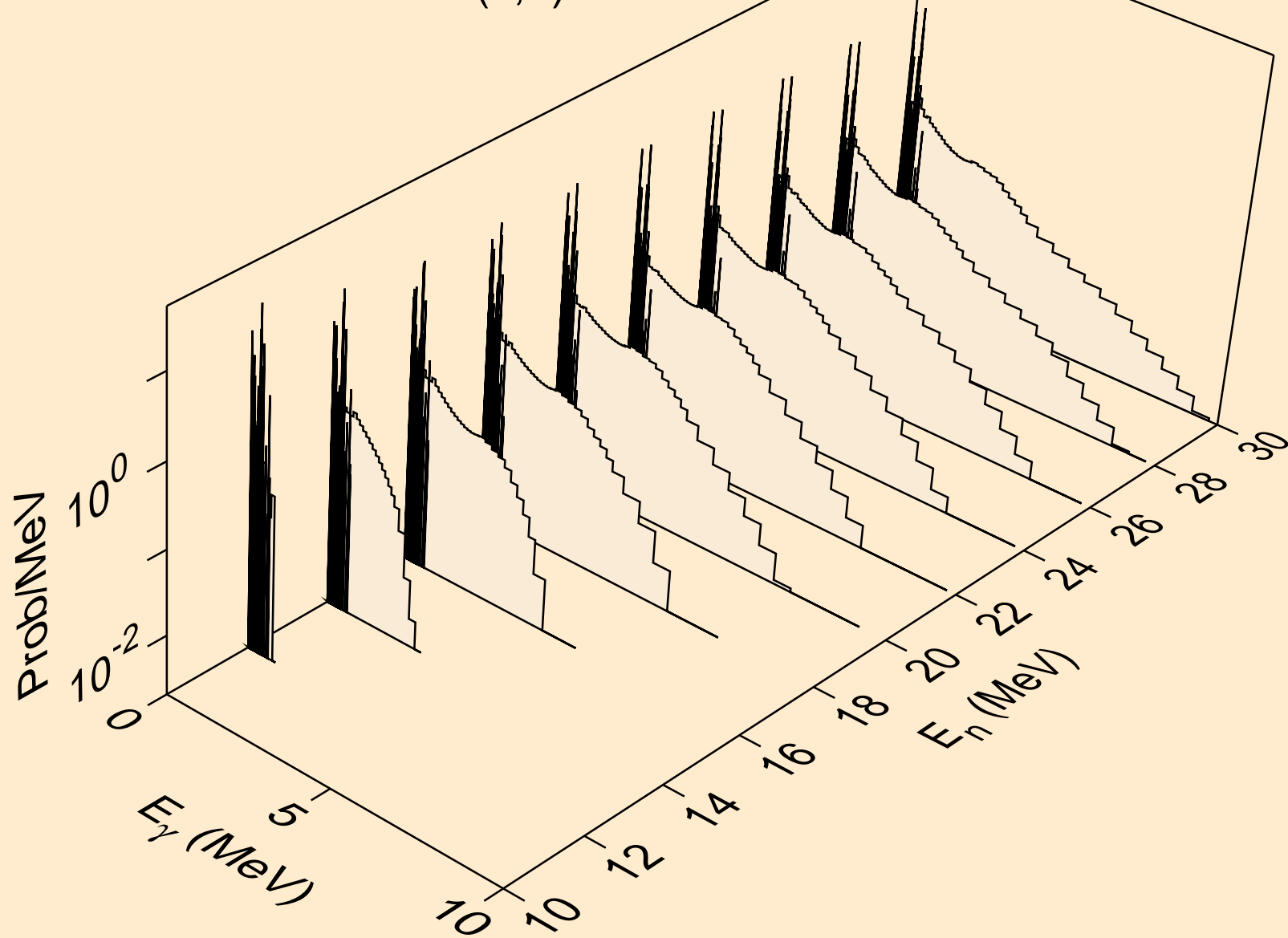


# LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,da)

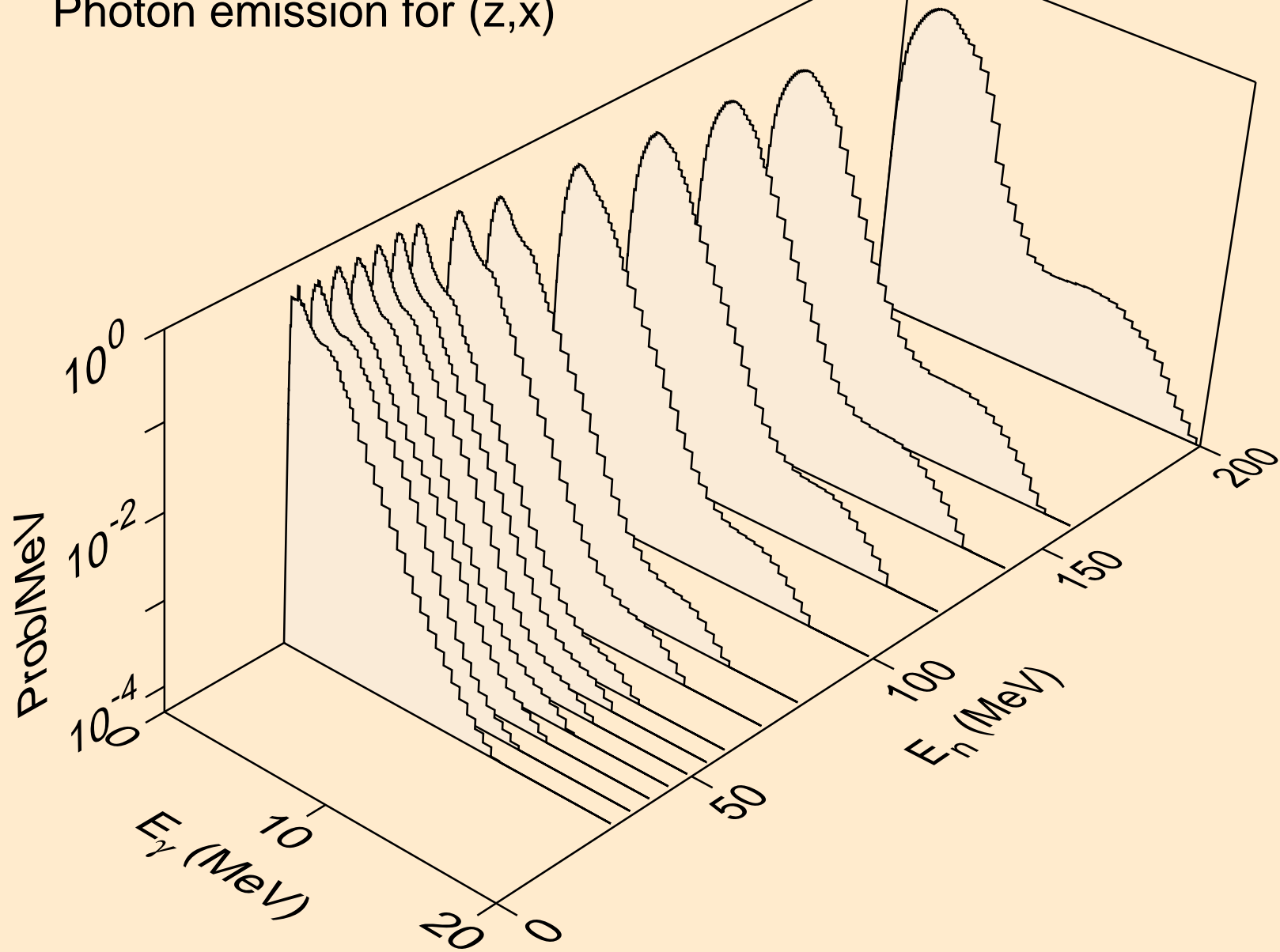


LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

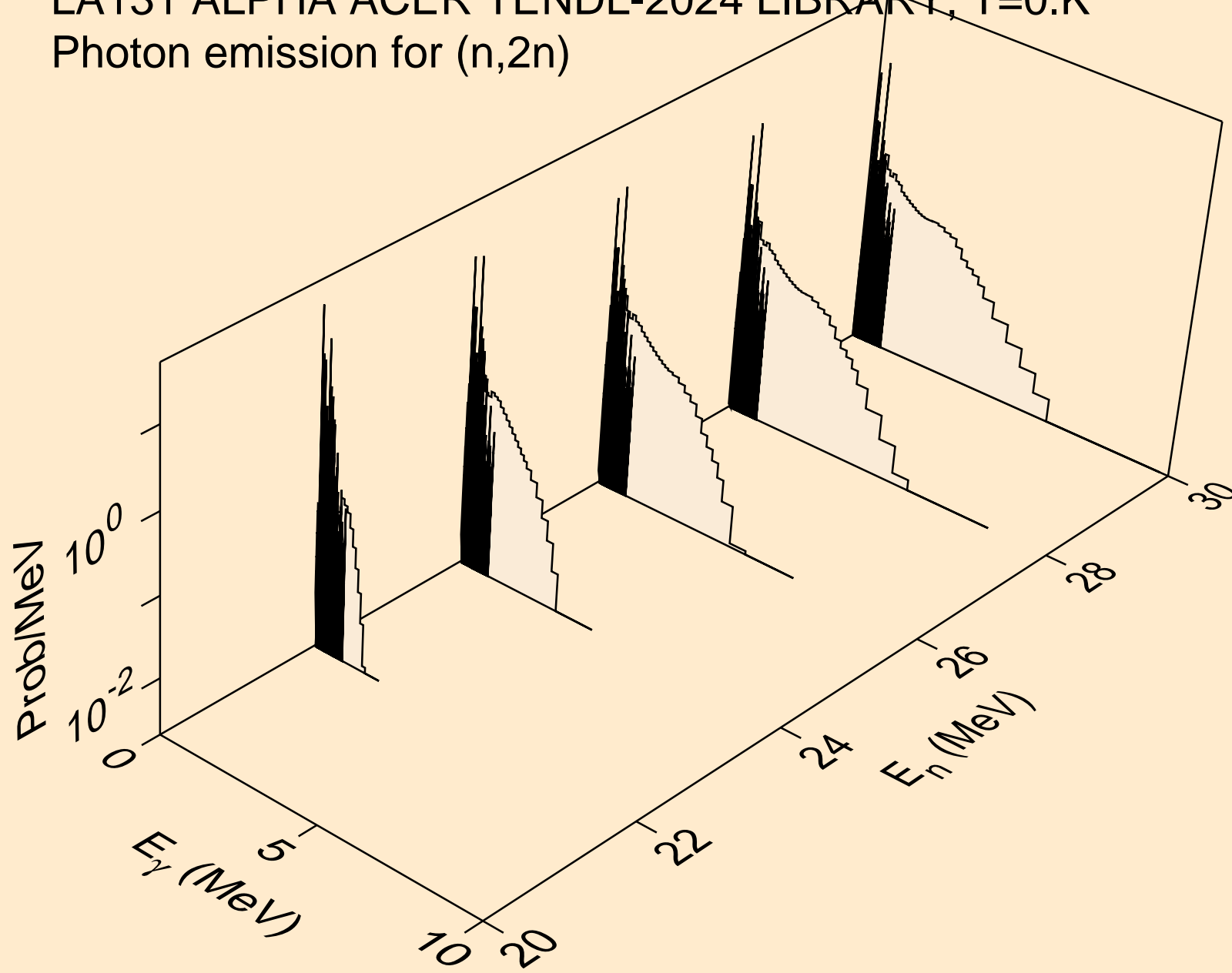


LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

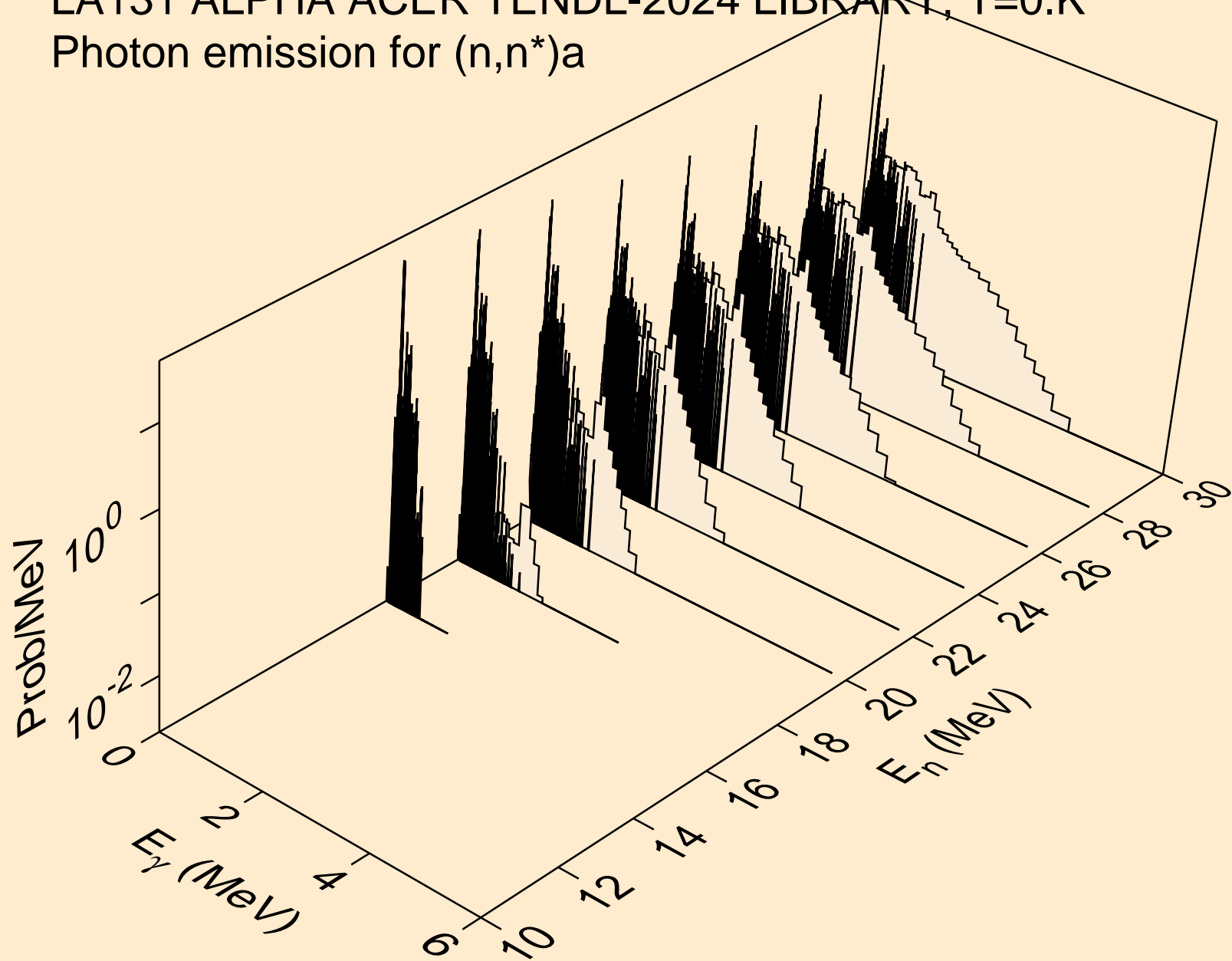
Photon emission for (z,x)



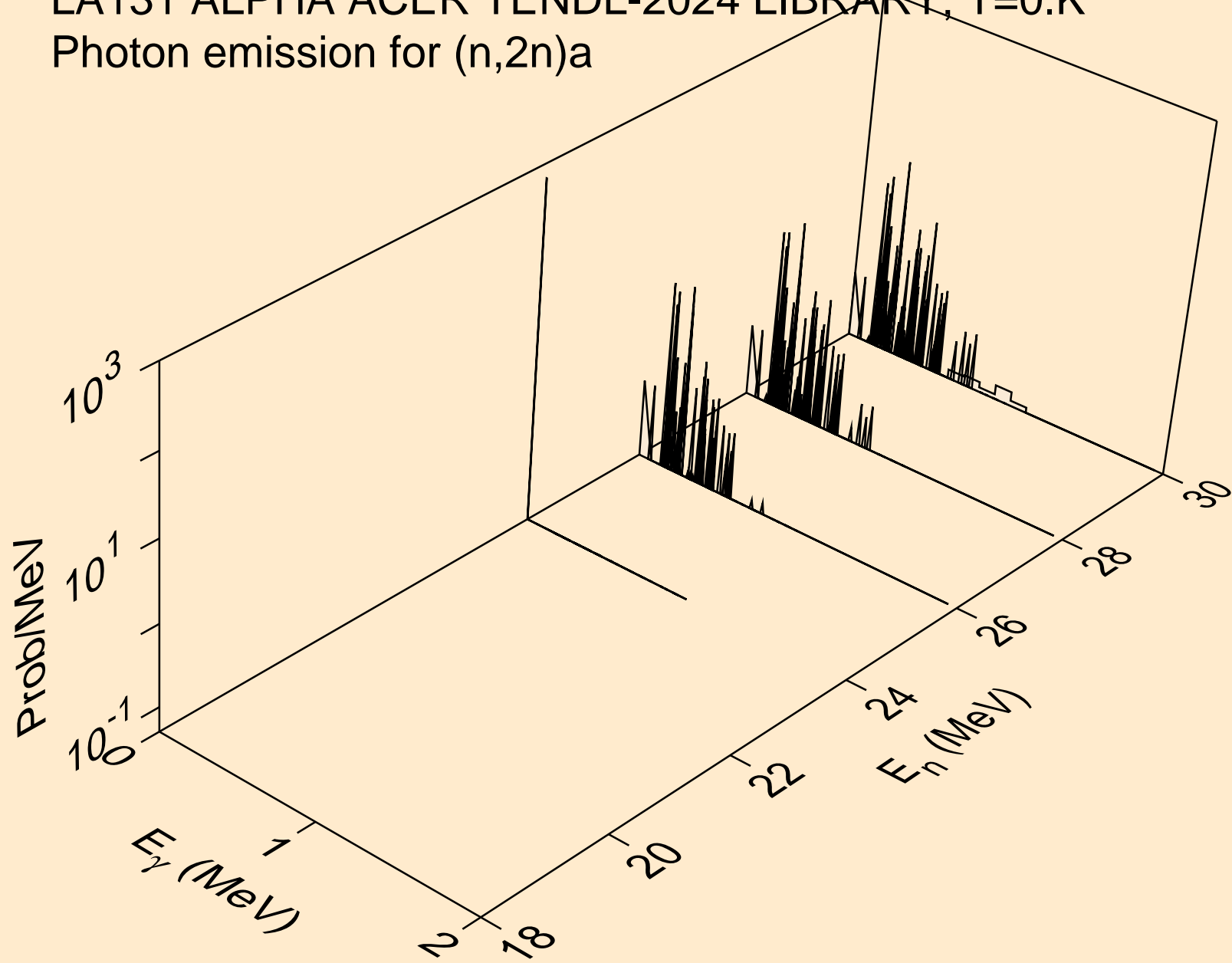
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

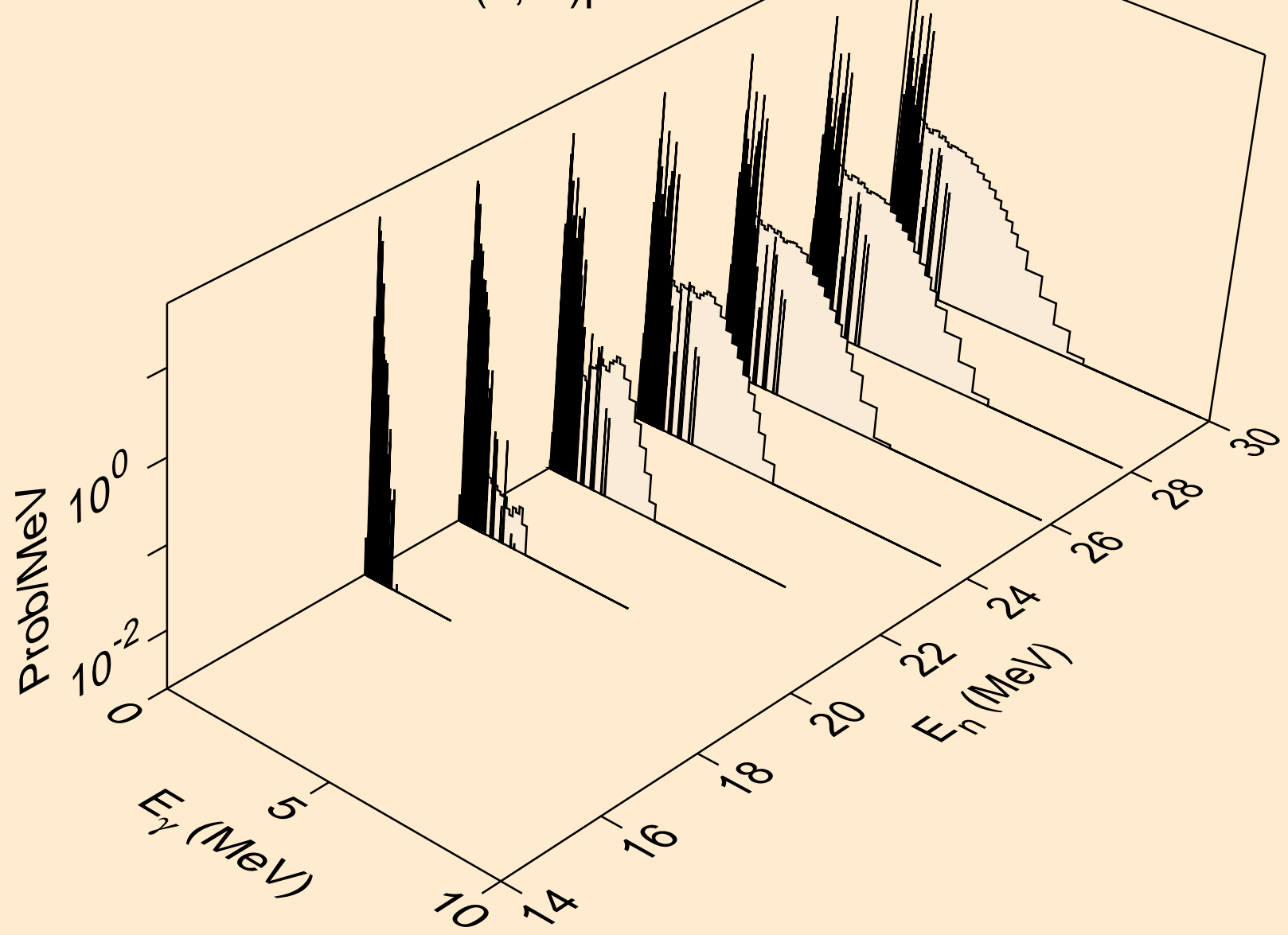


LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

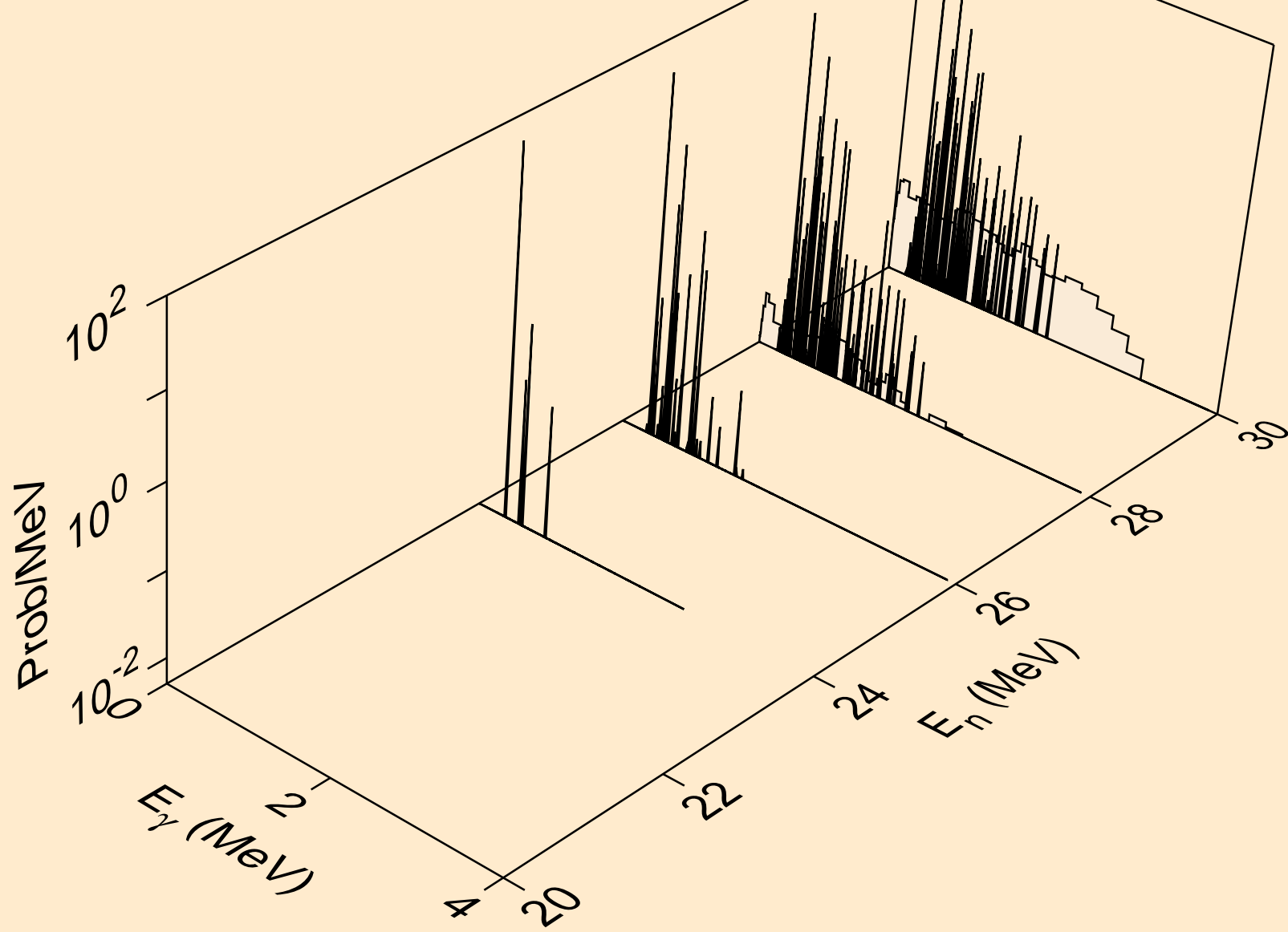


LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

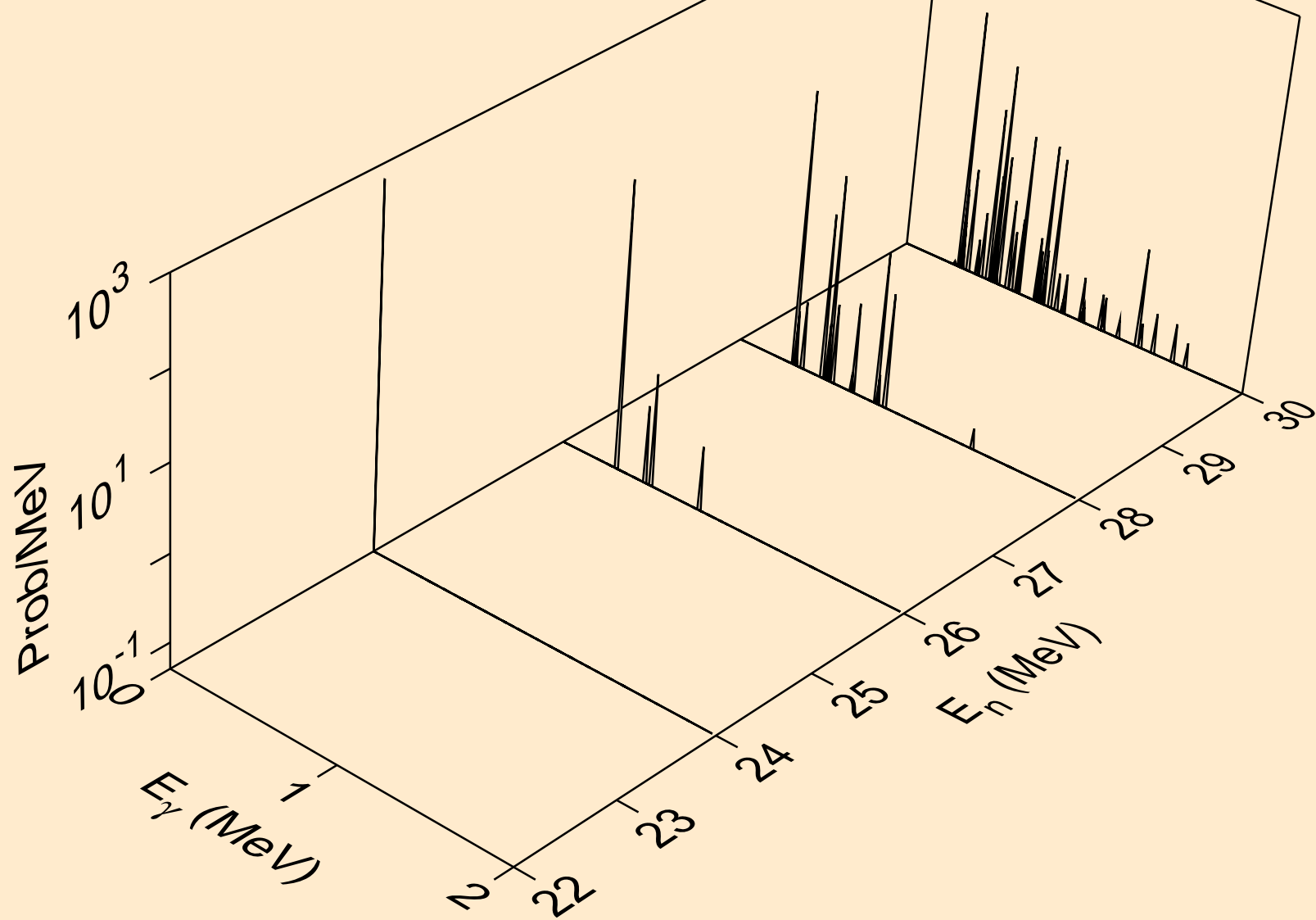
Photon emission for (n,n\*)p



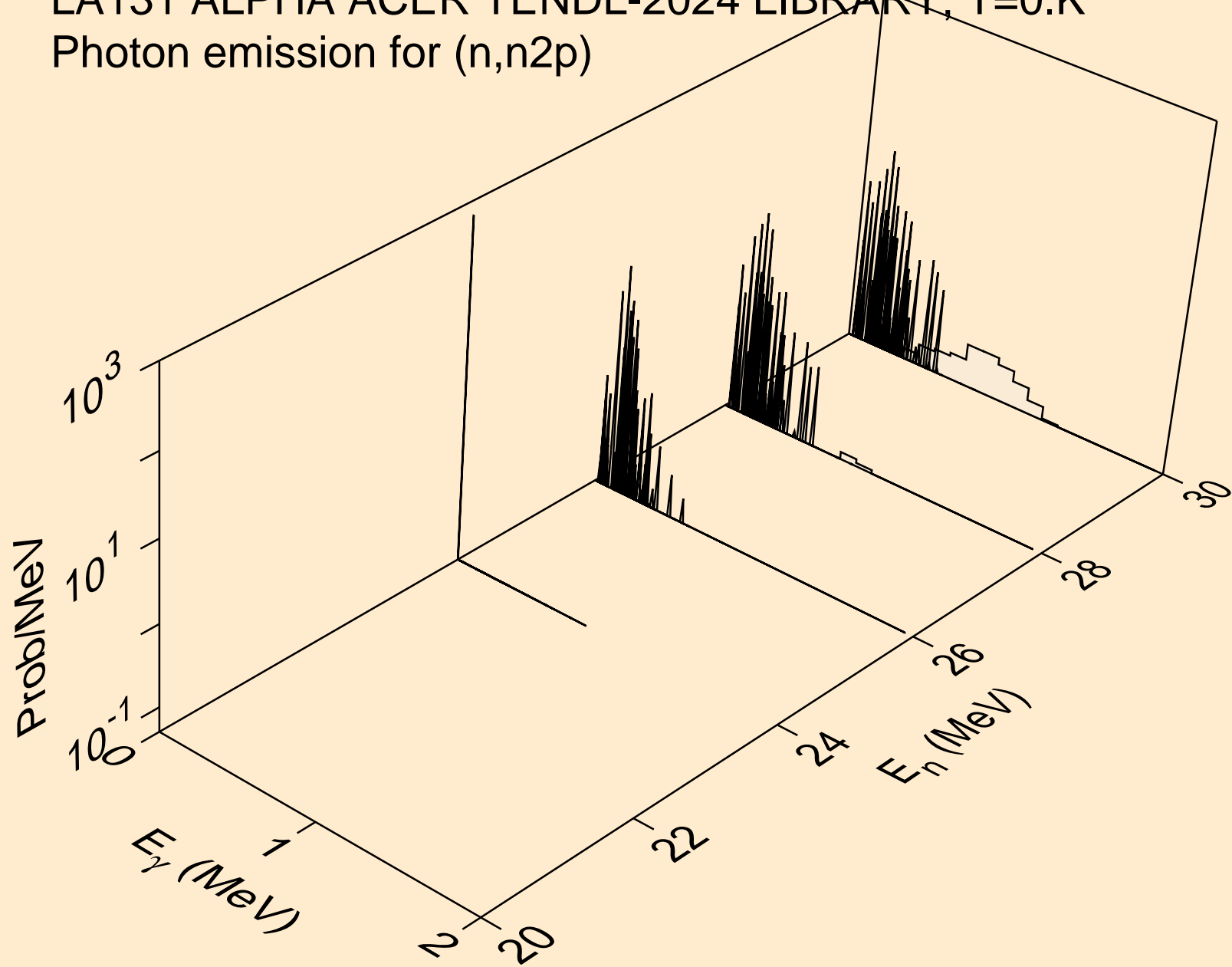
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



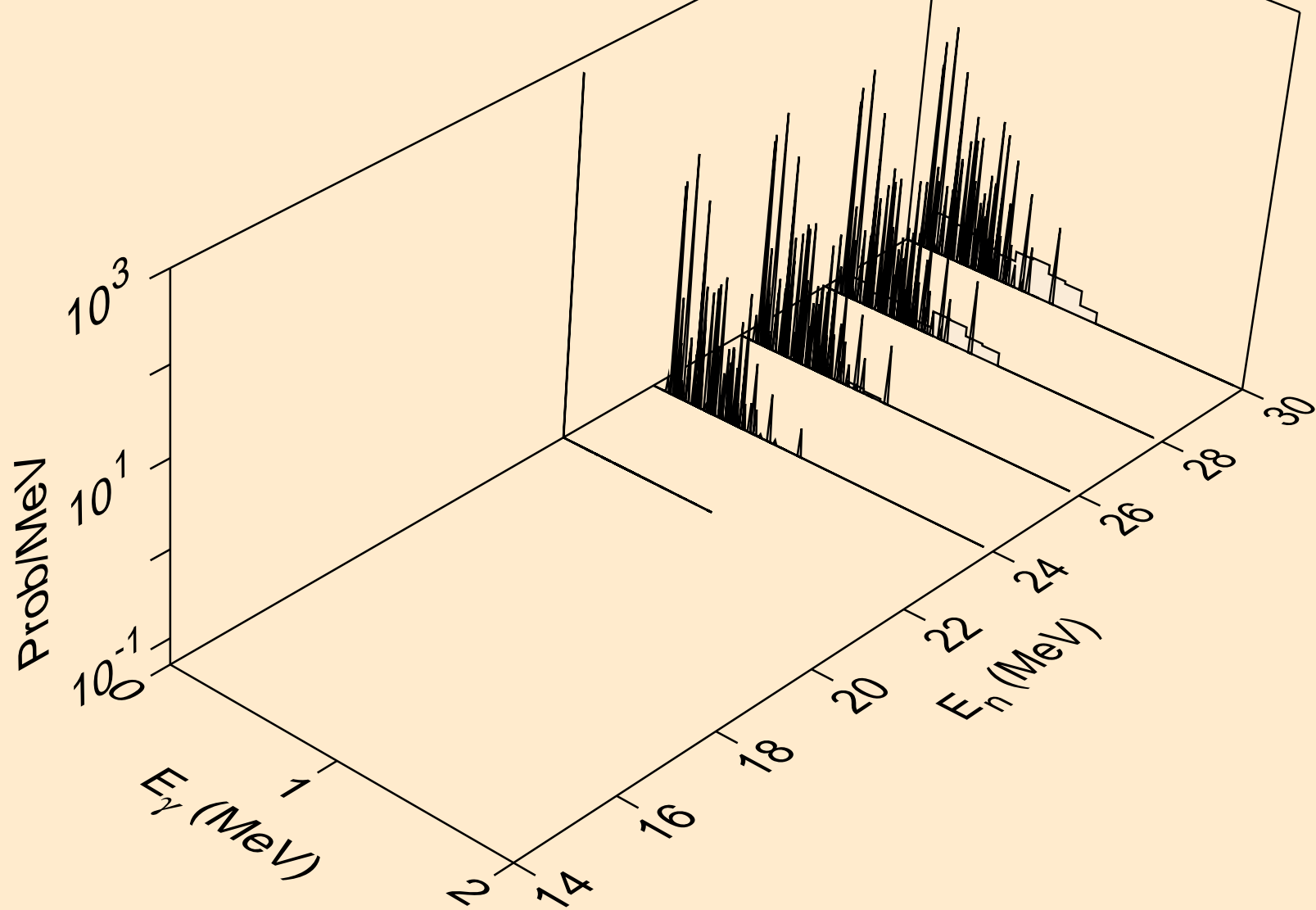
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



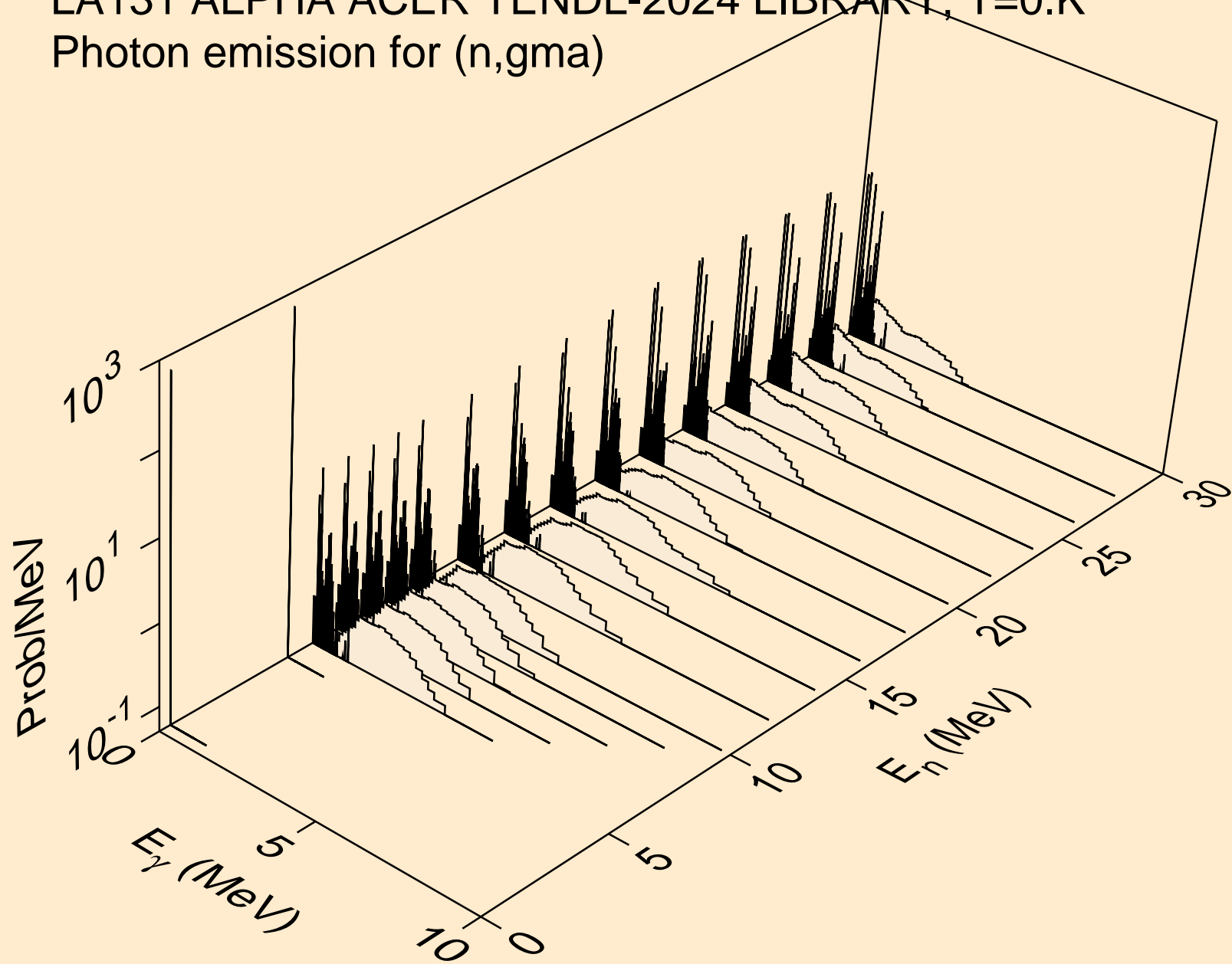
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



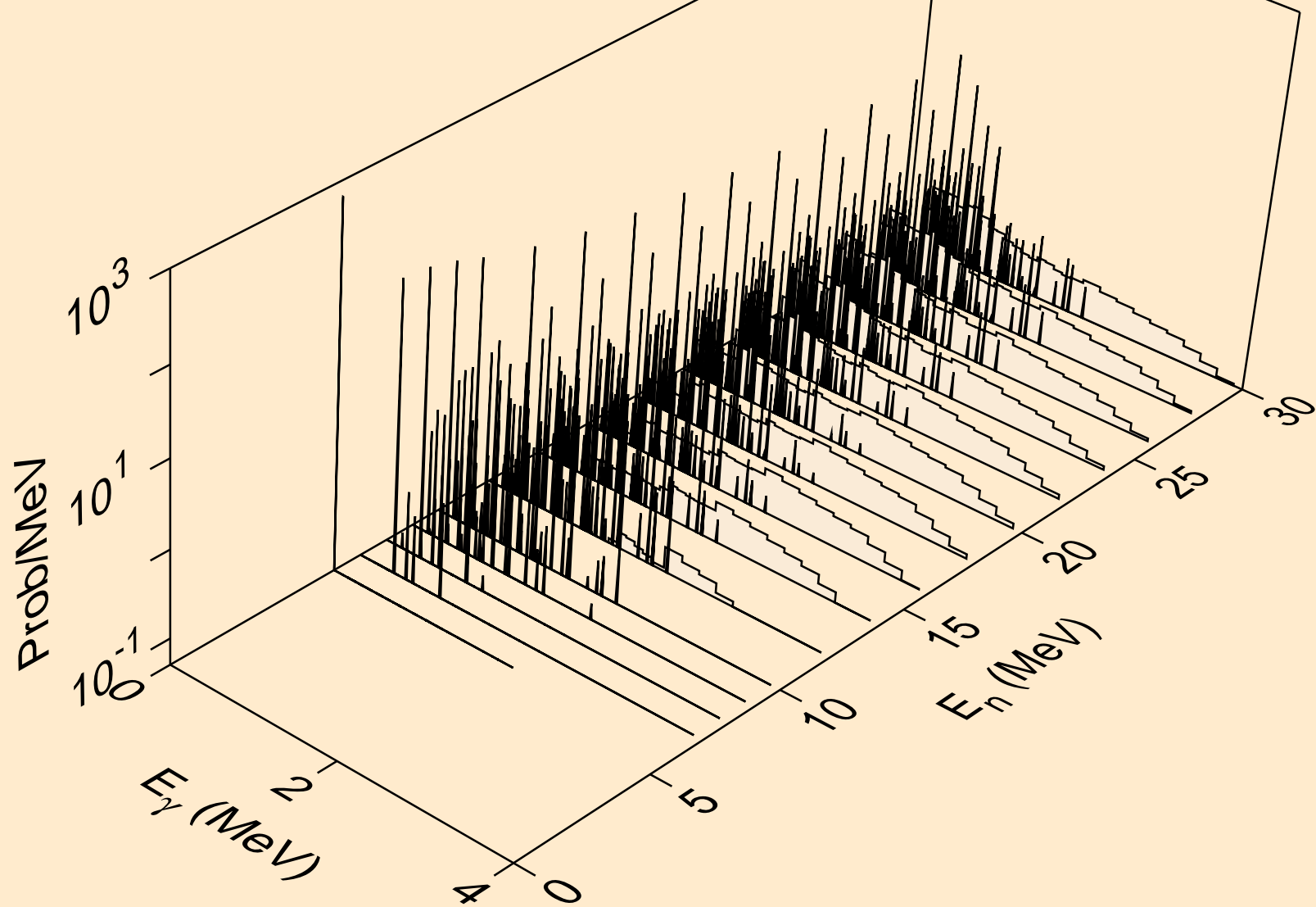
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



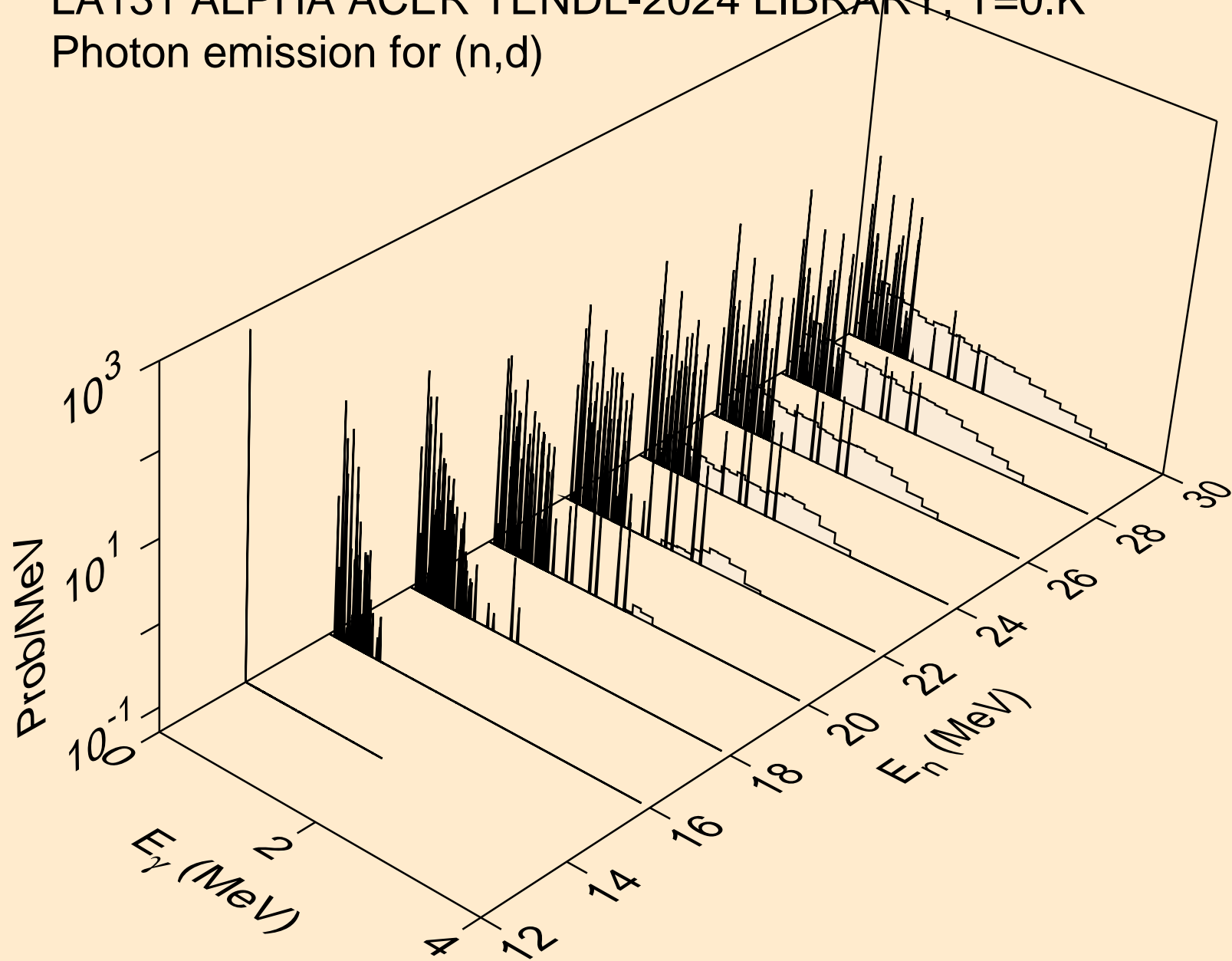
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



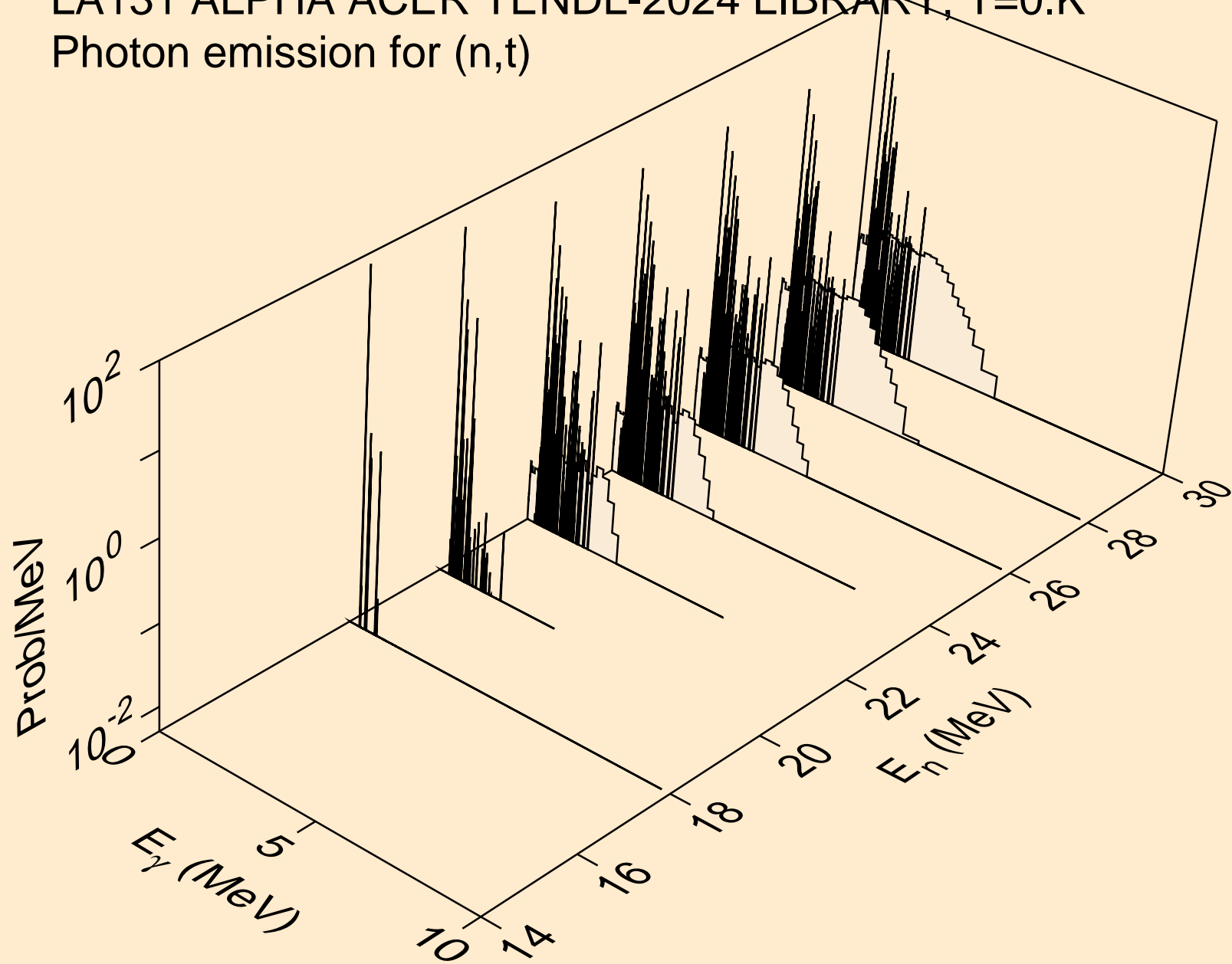
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



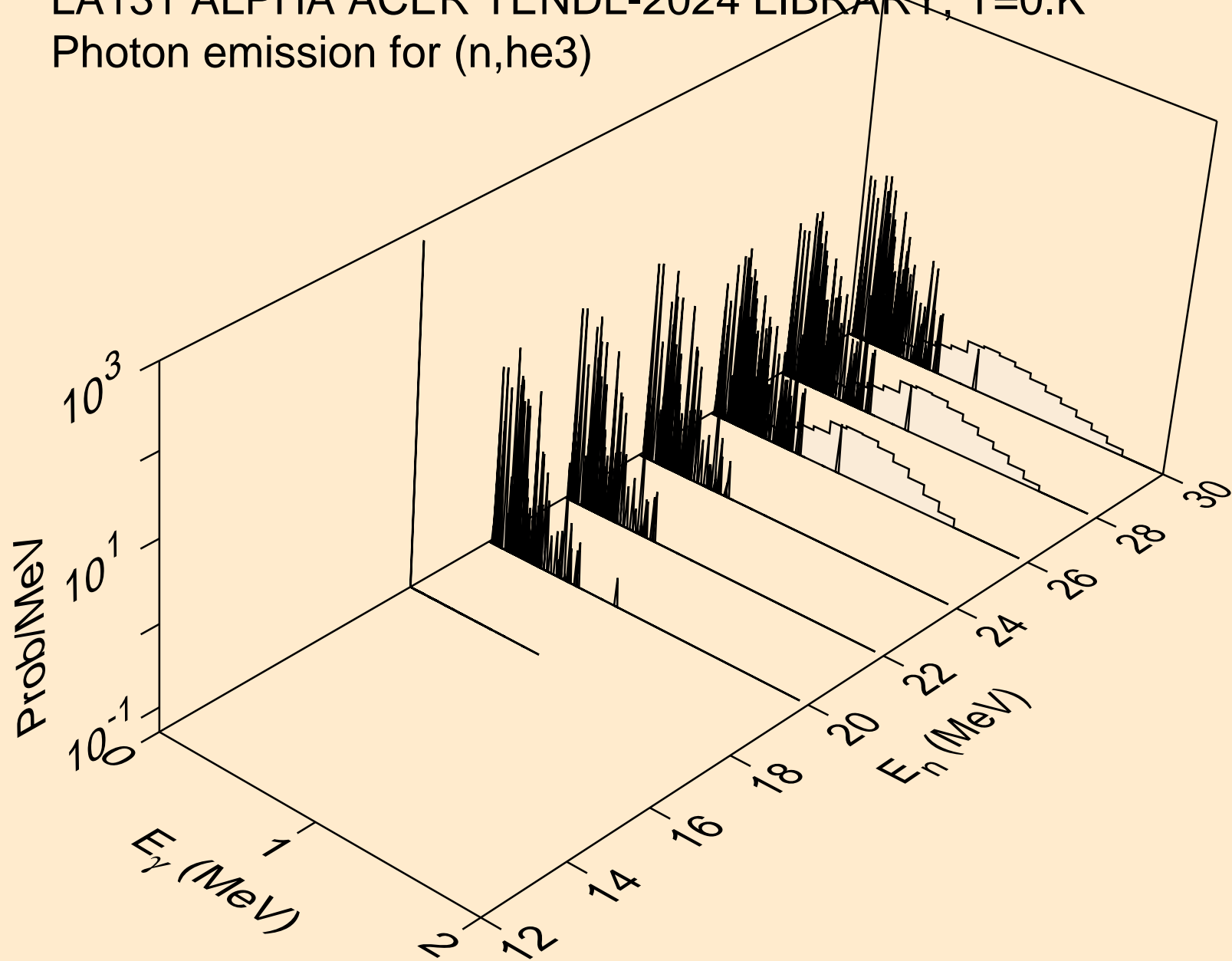
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



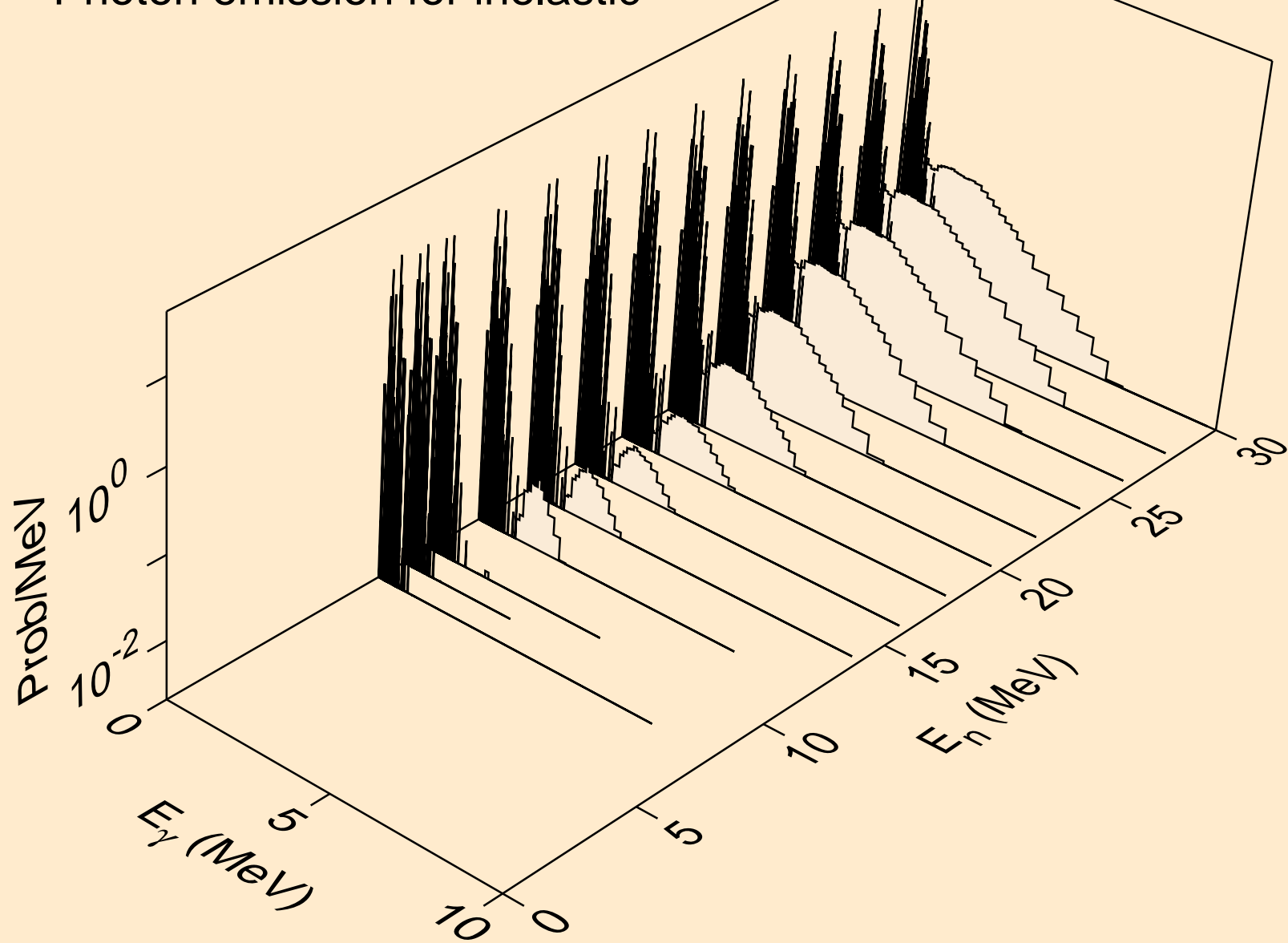
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



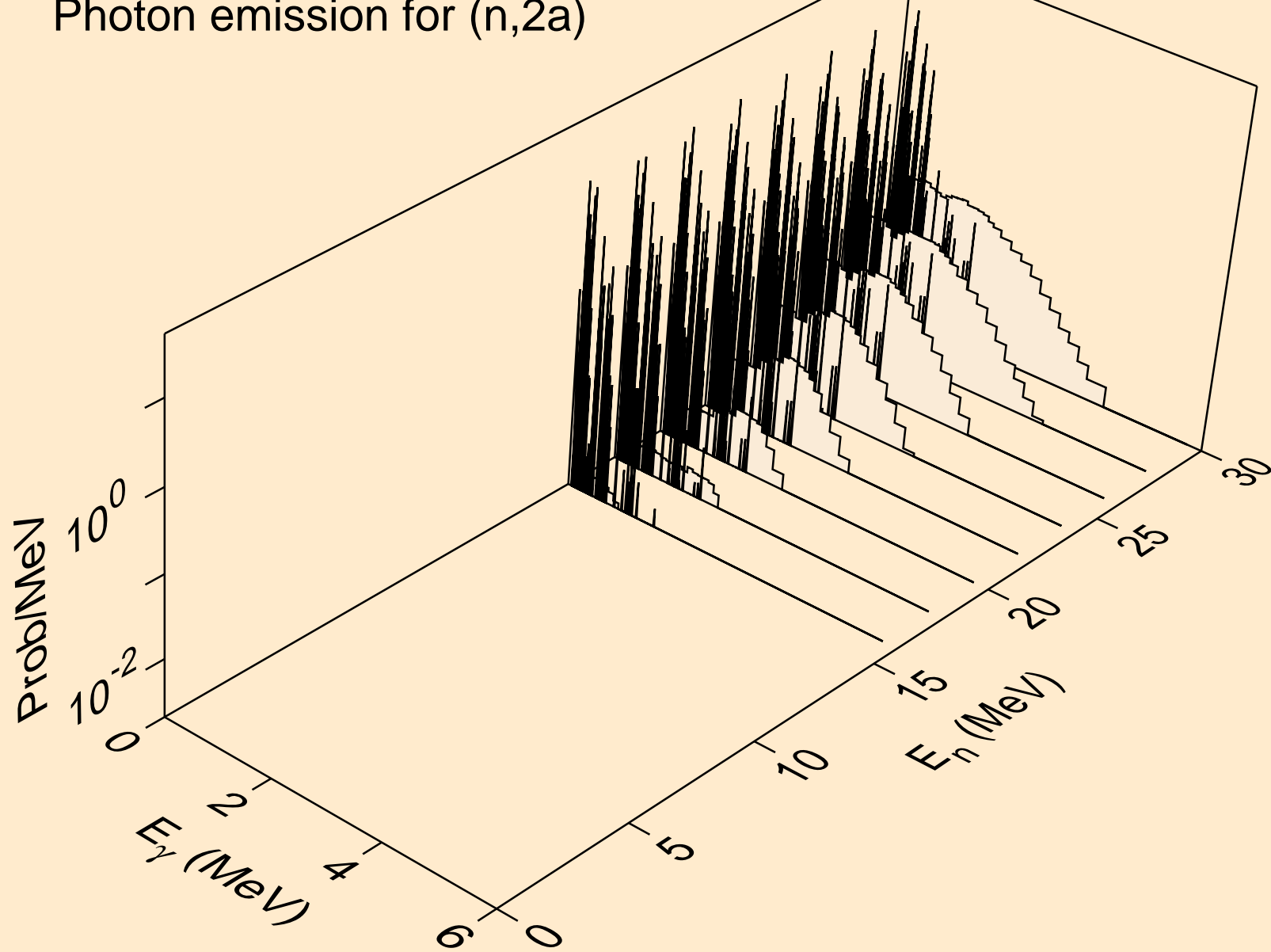
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



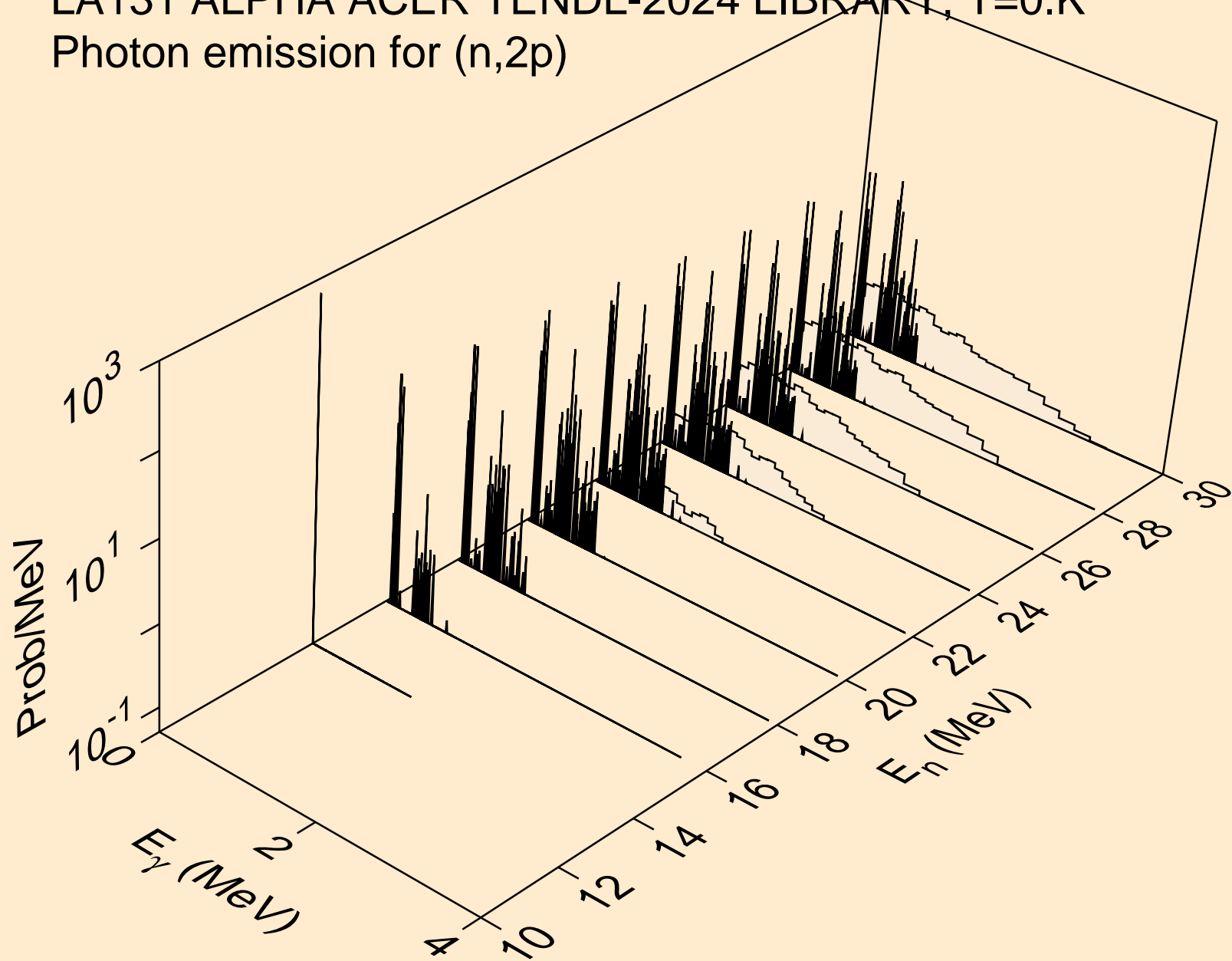
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



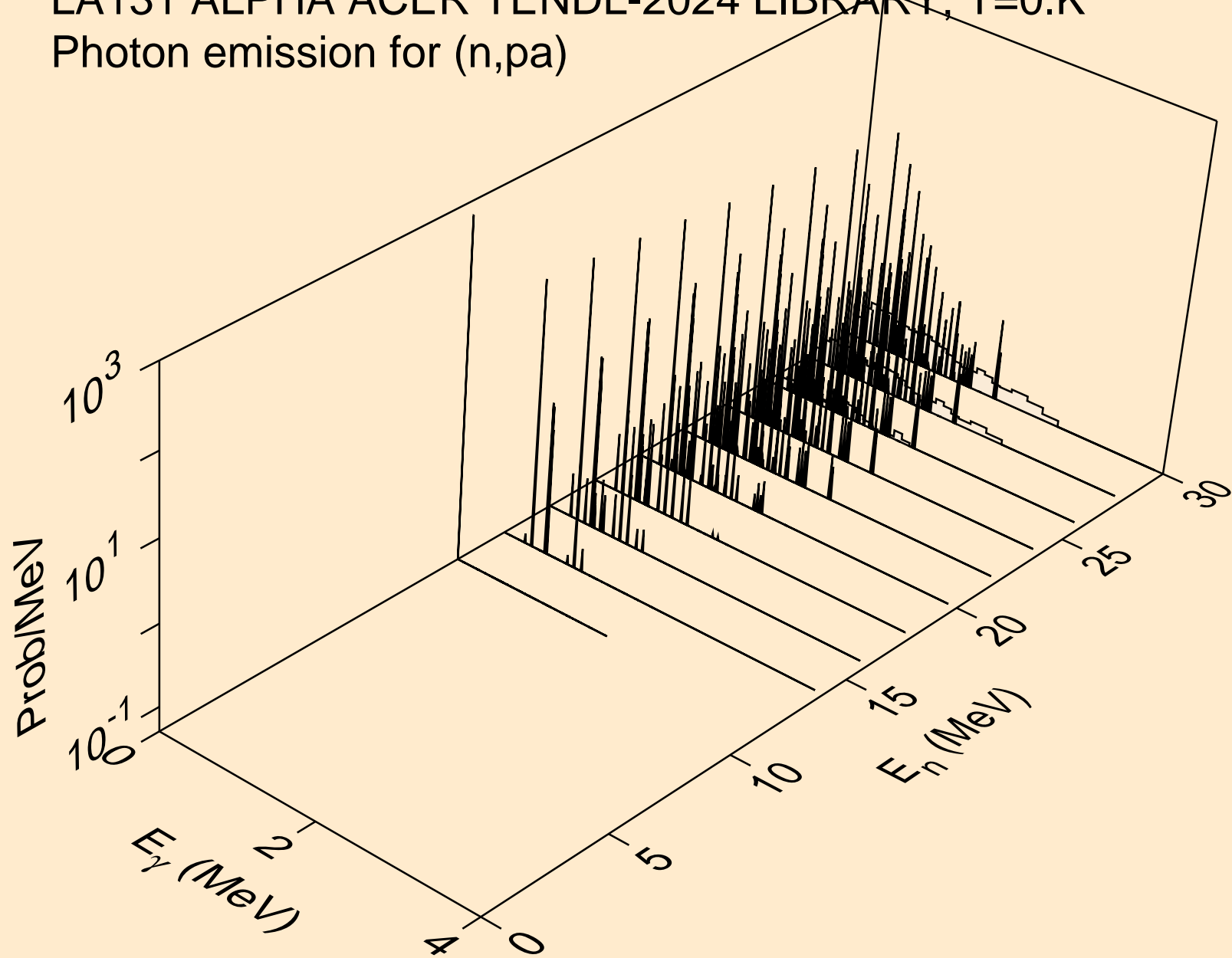
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



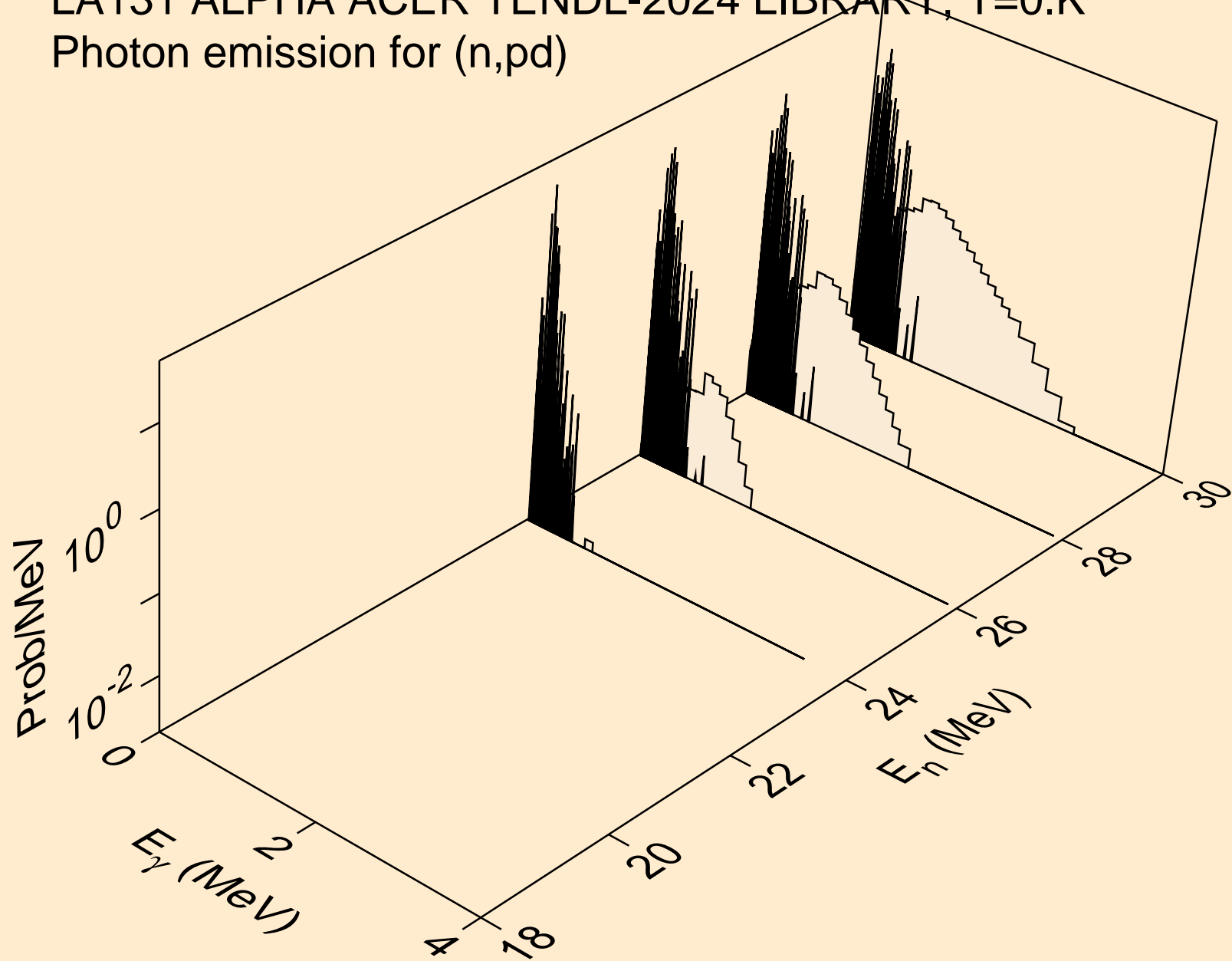
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



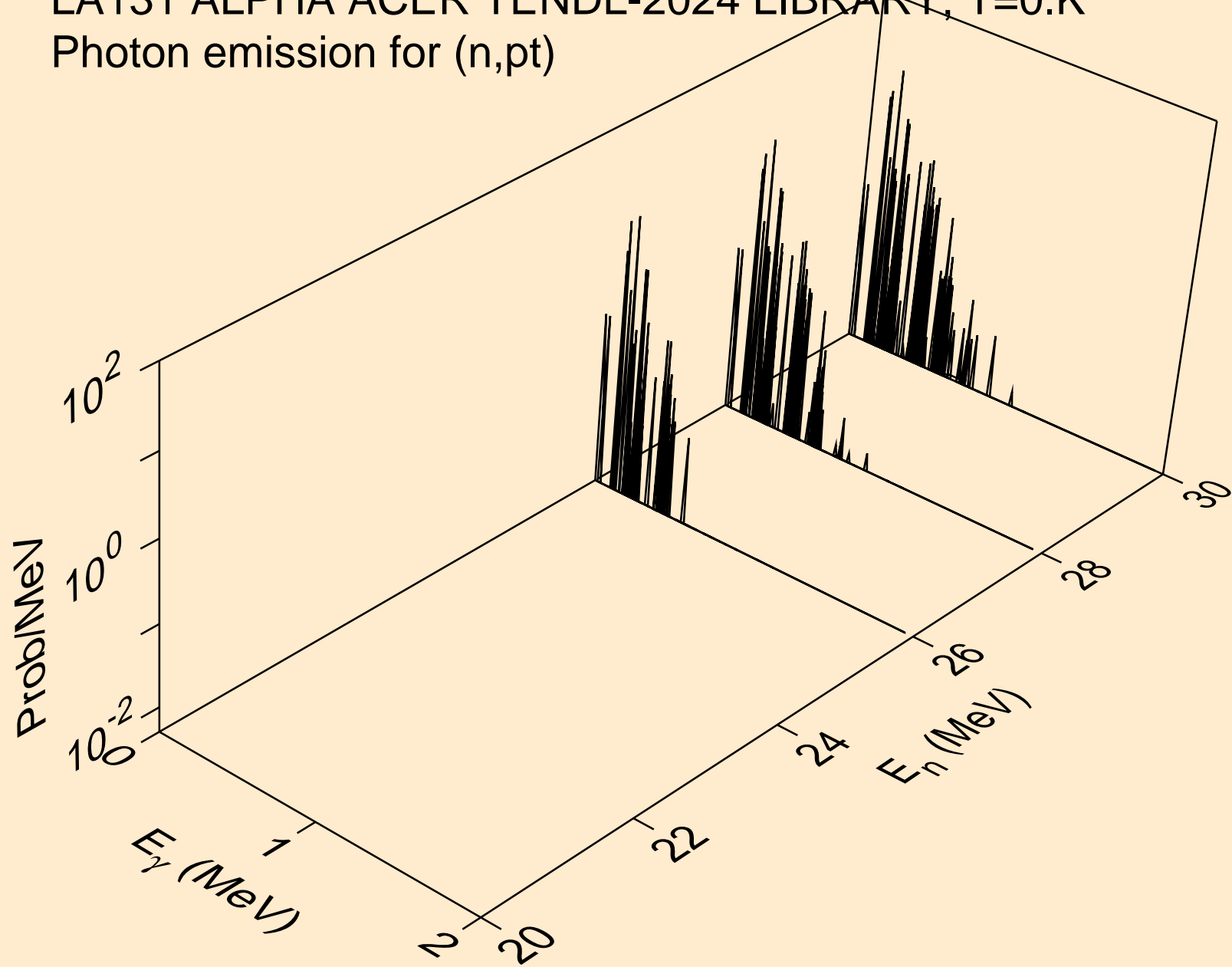
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



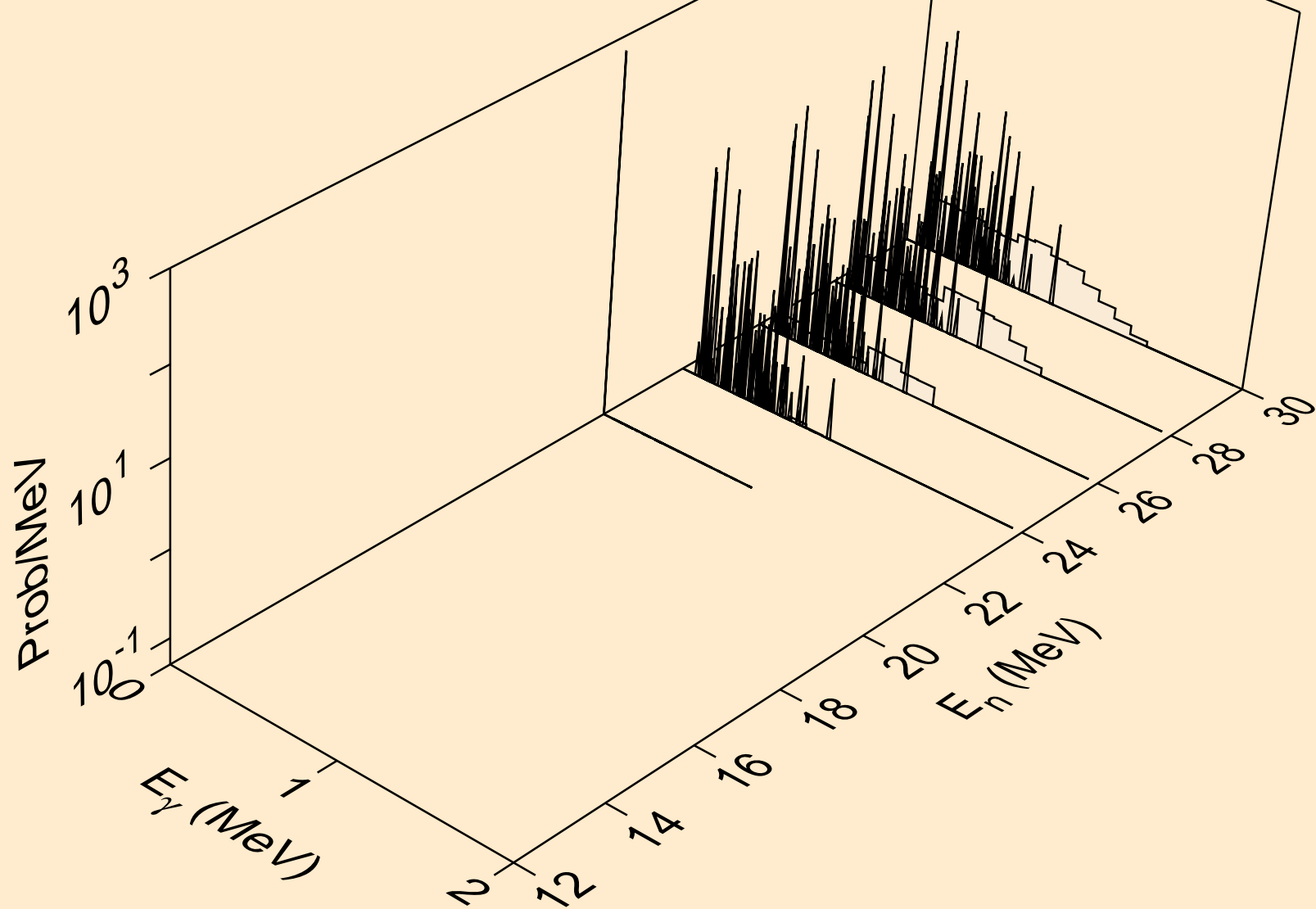
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



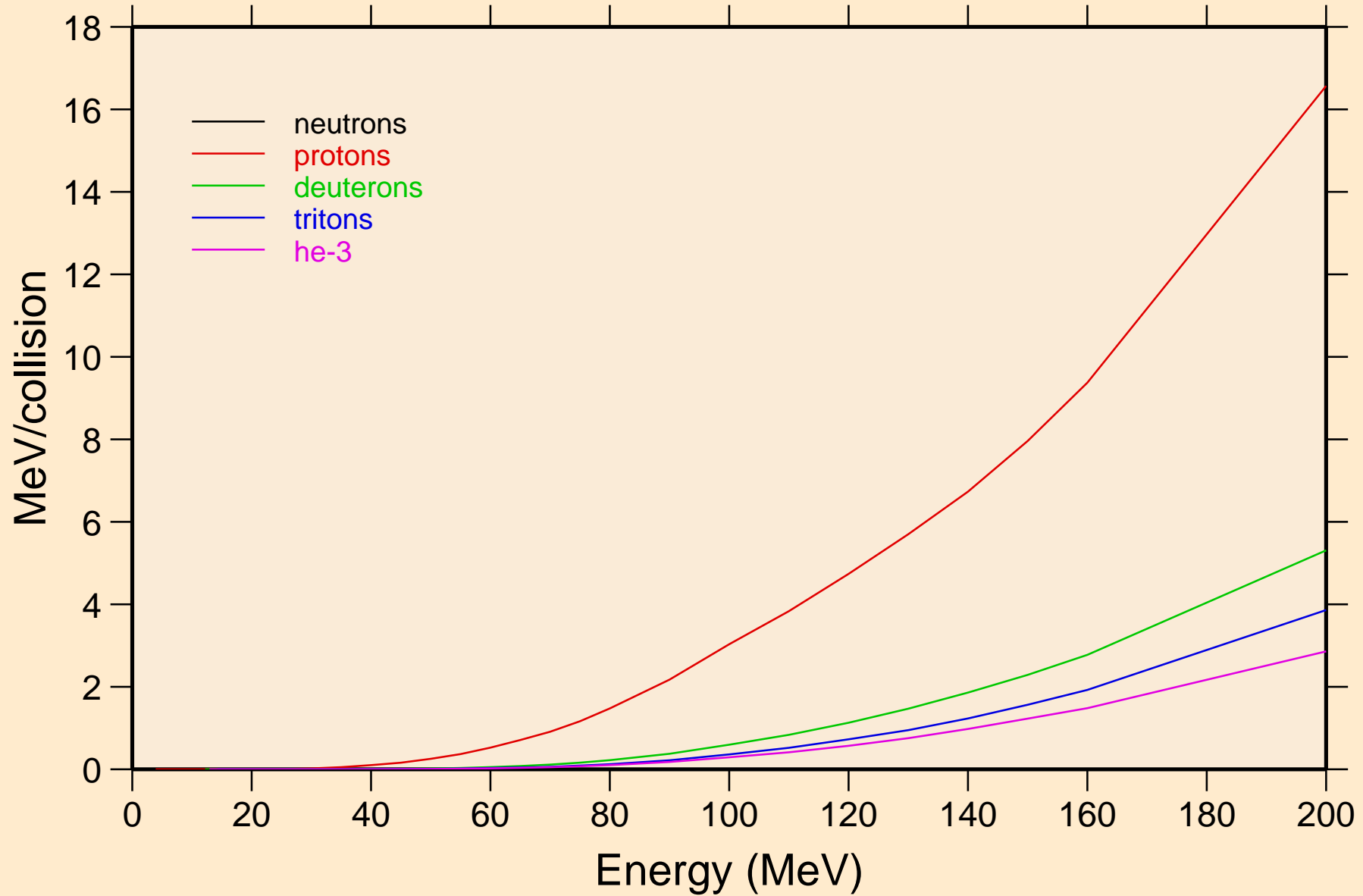
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

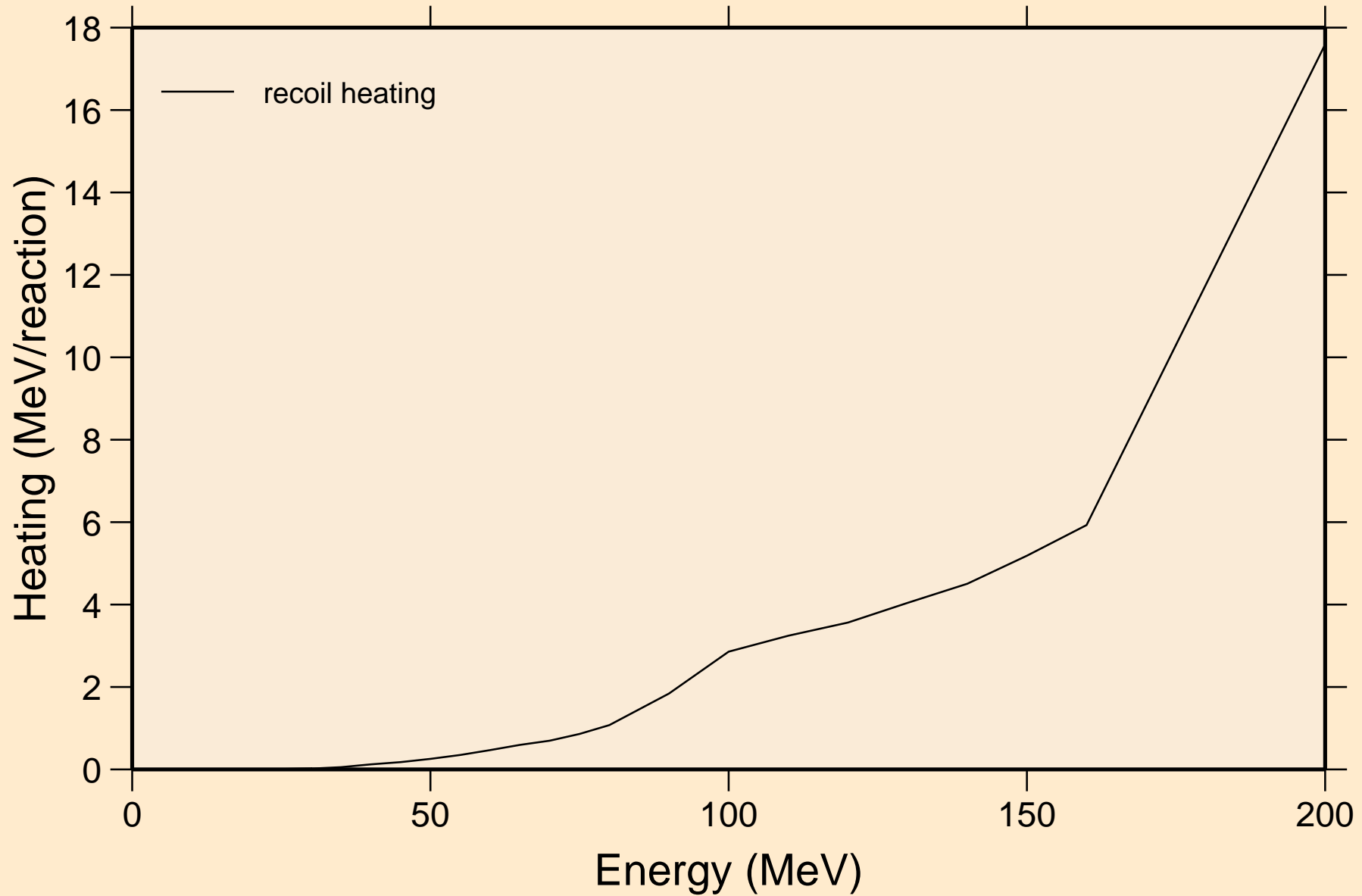


LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

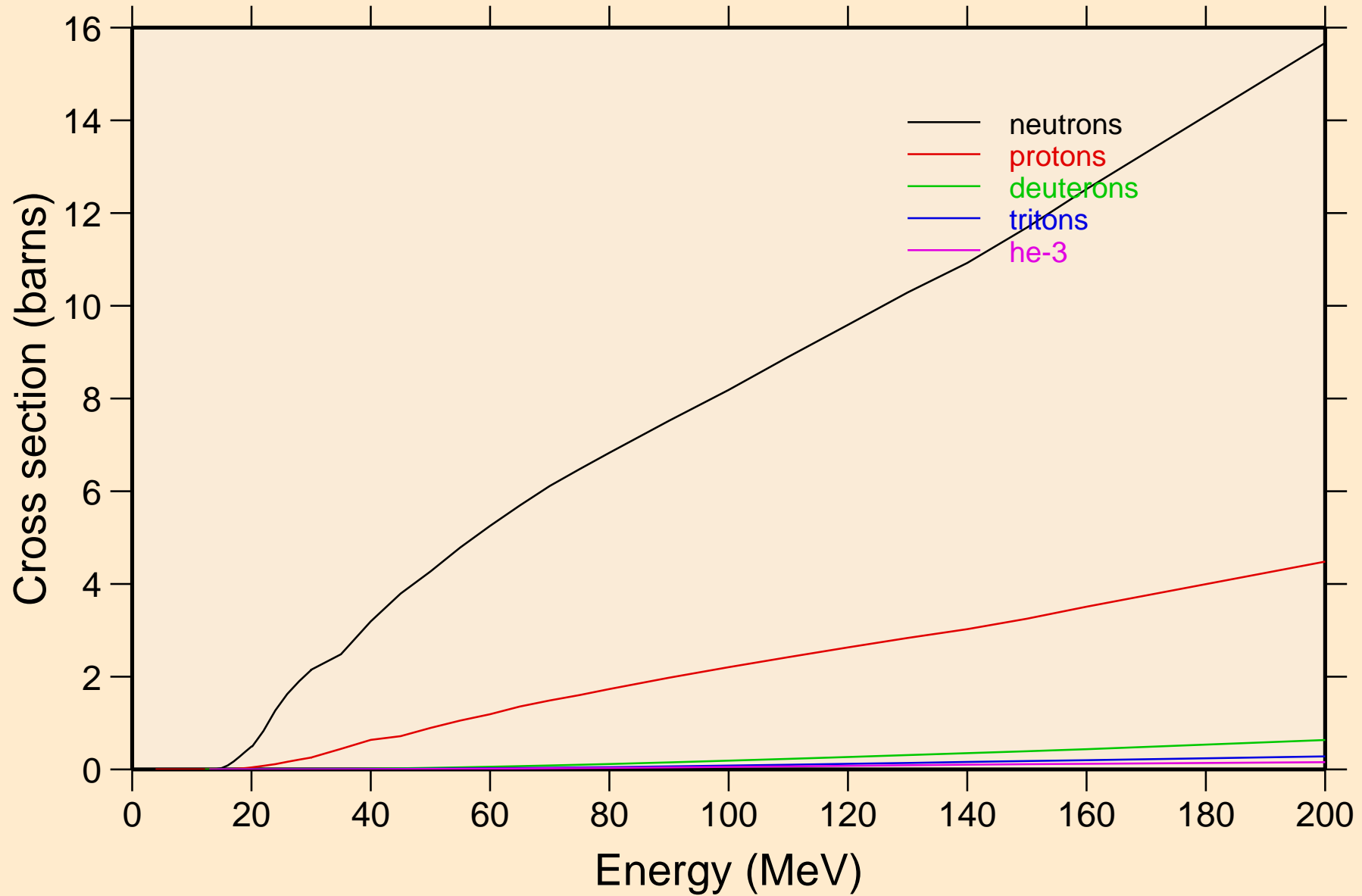


LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

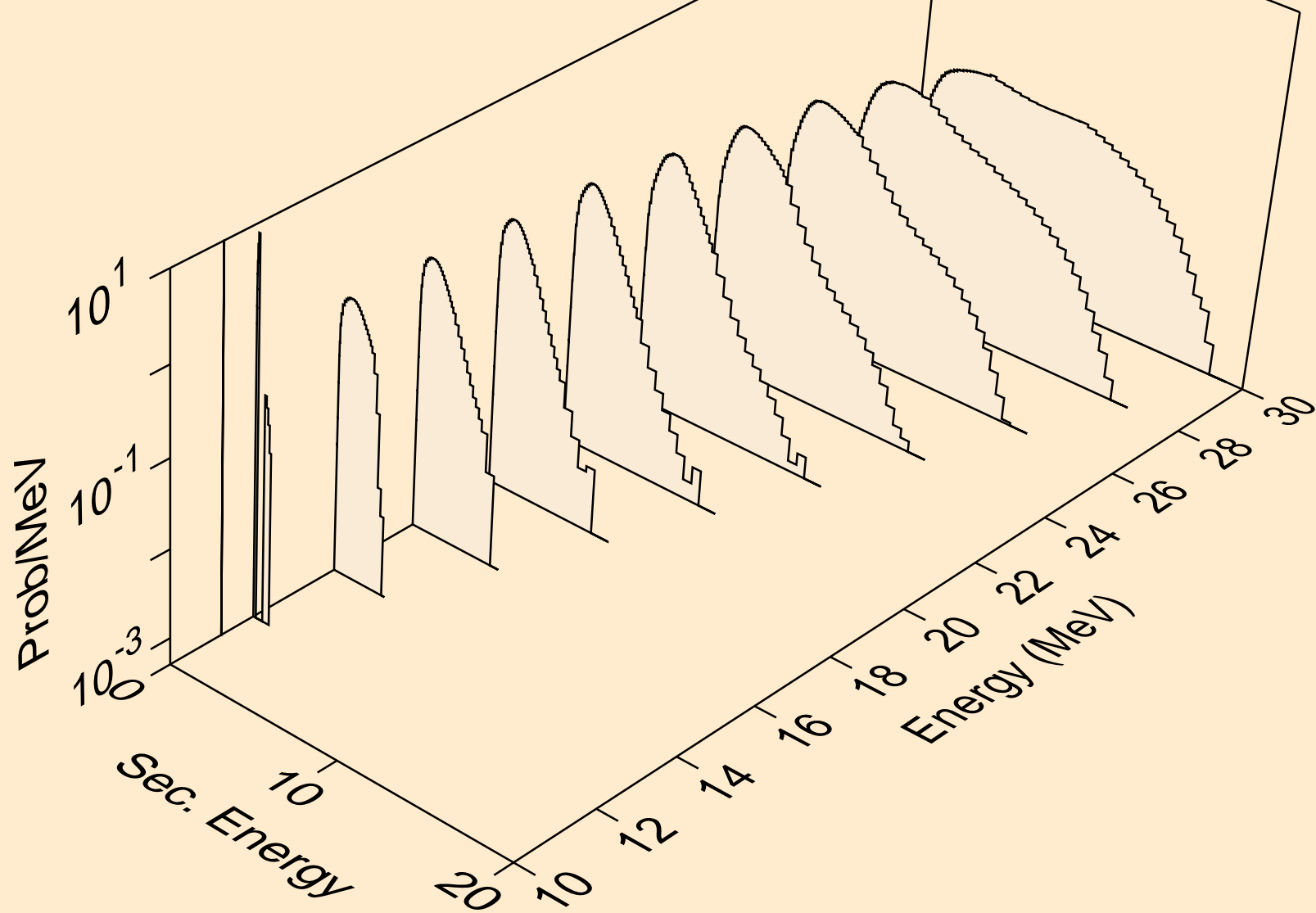
### Recoil Heating



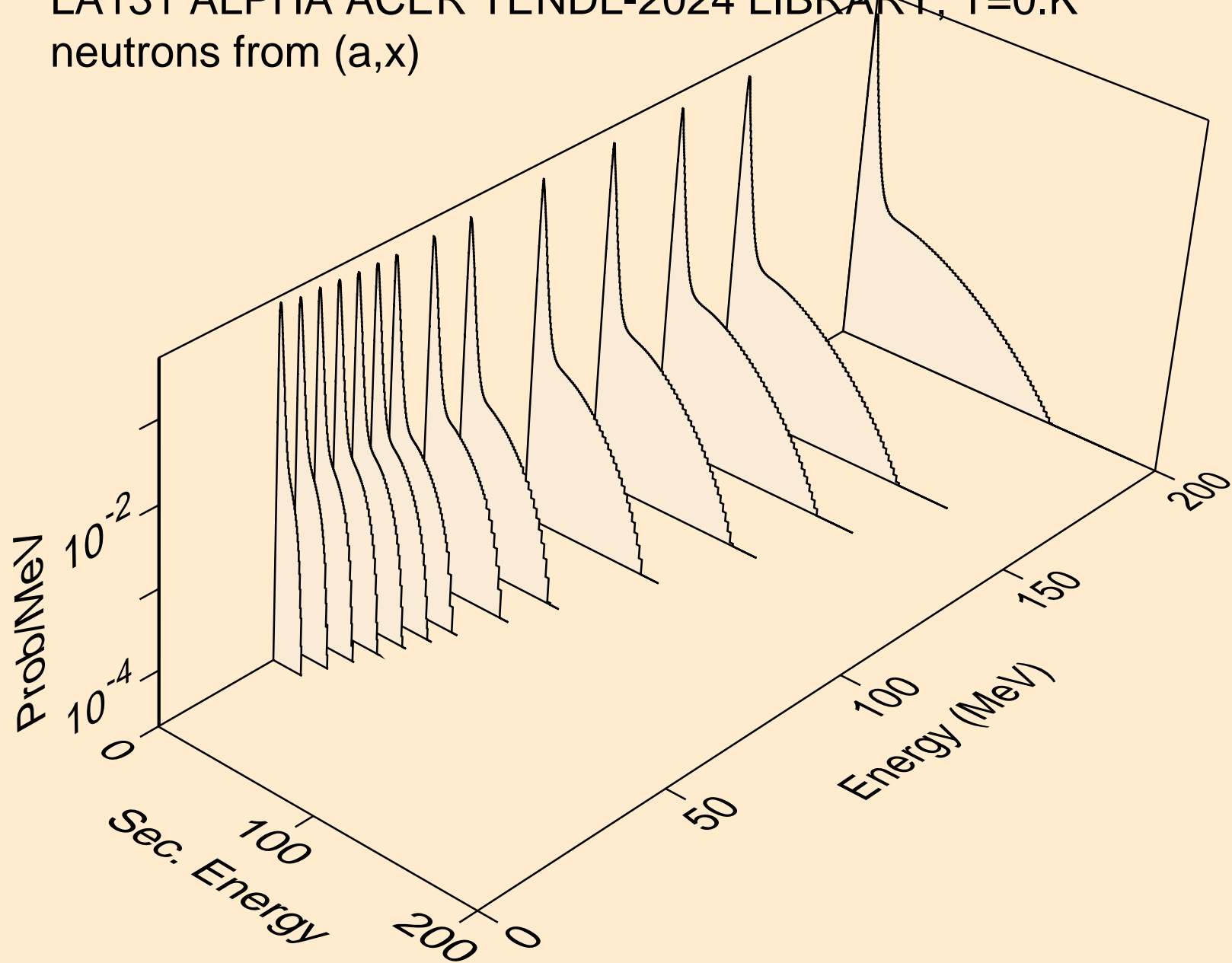
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



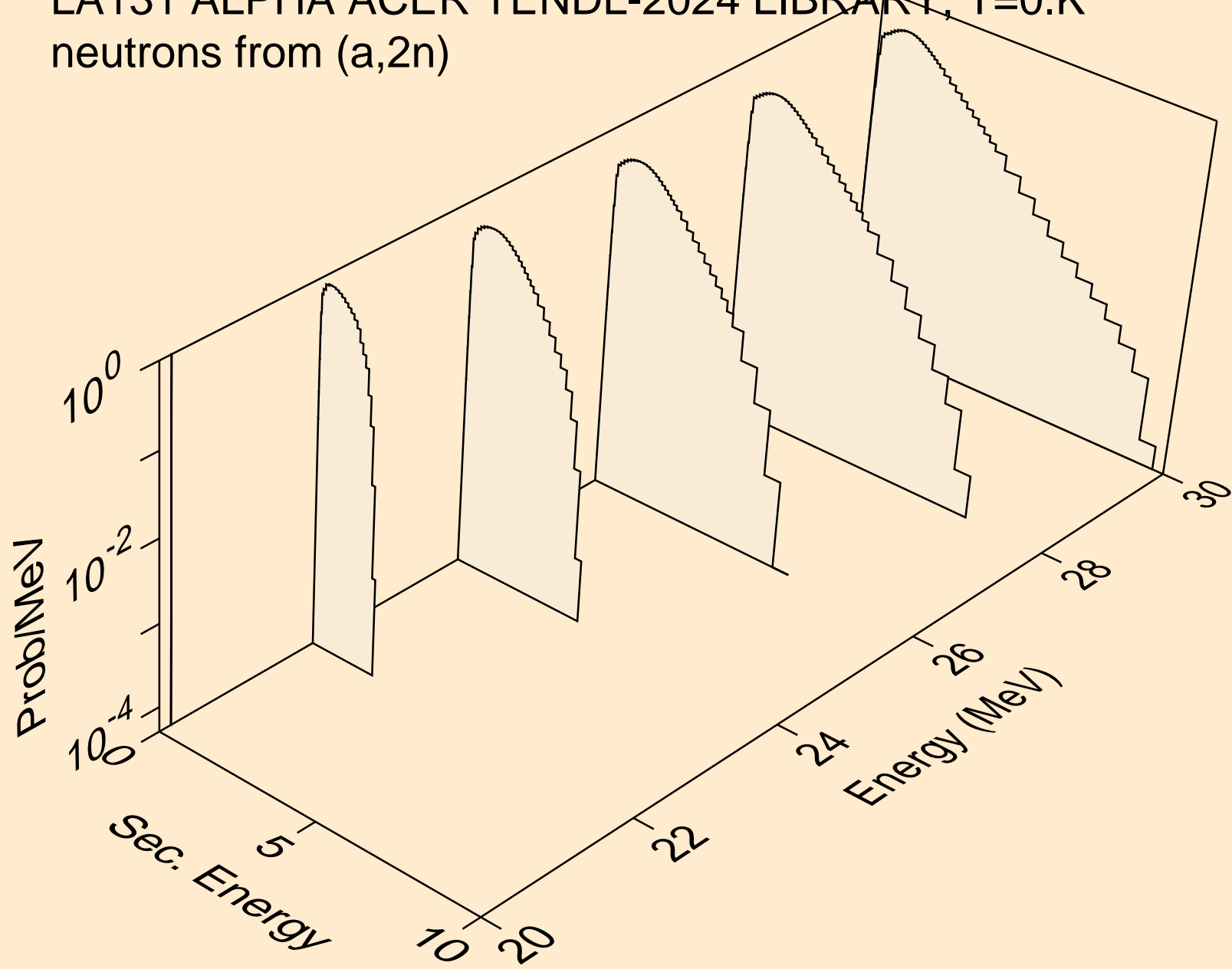
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



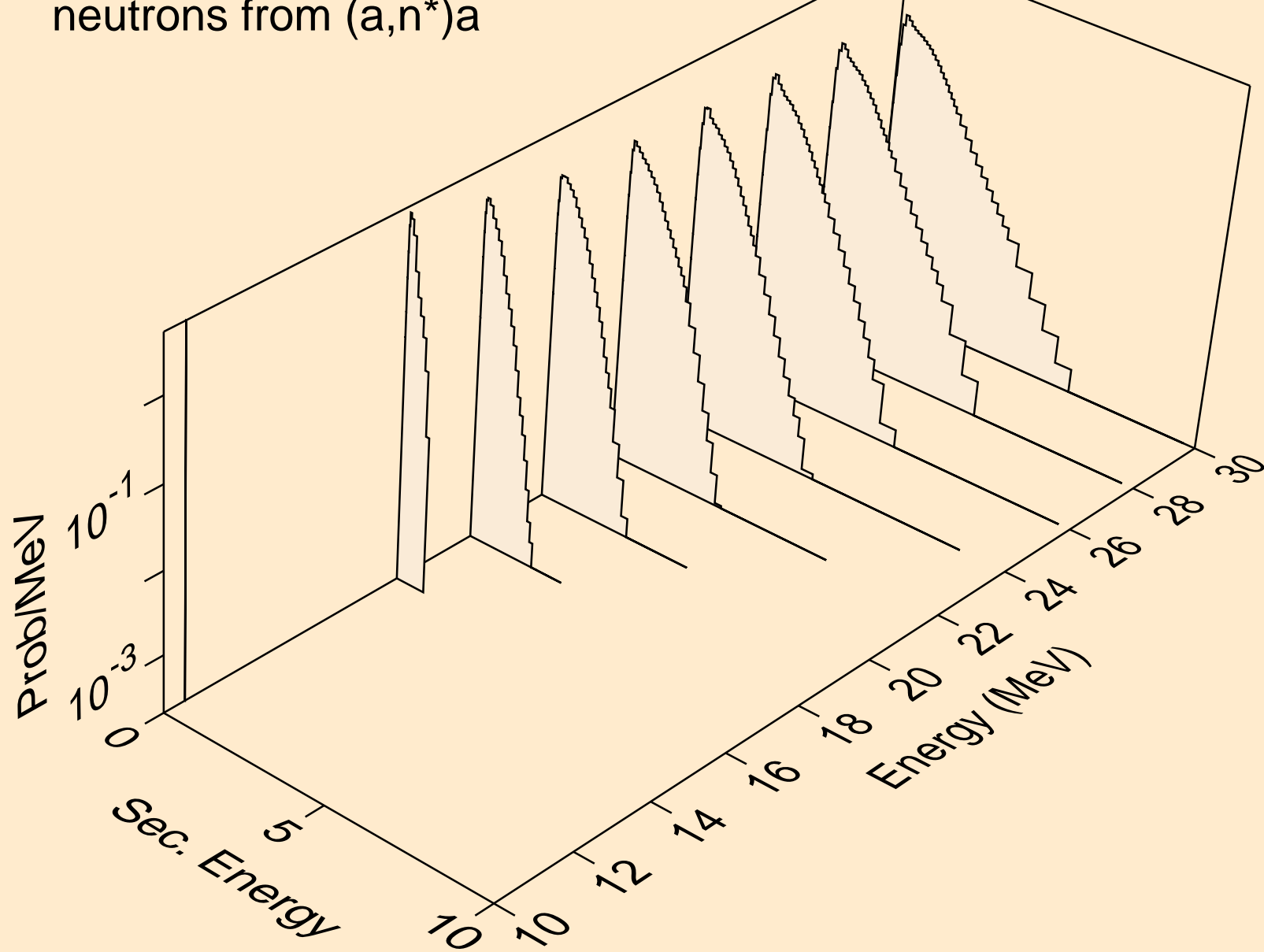
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



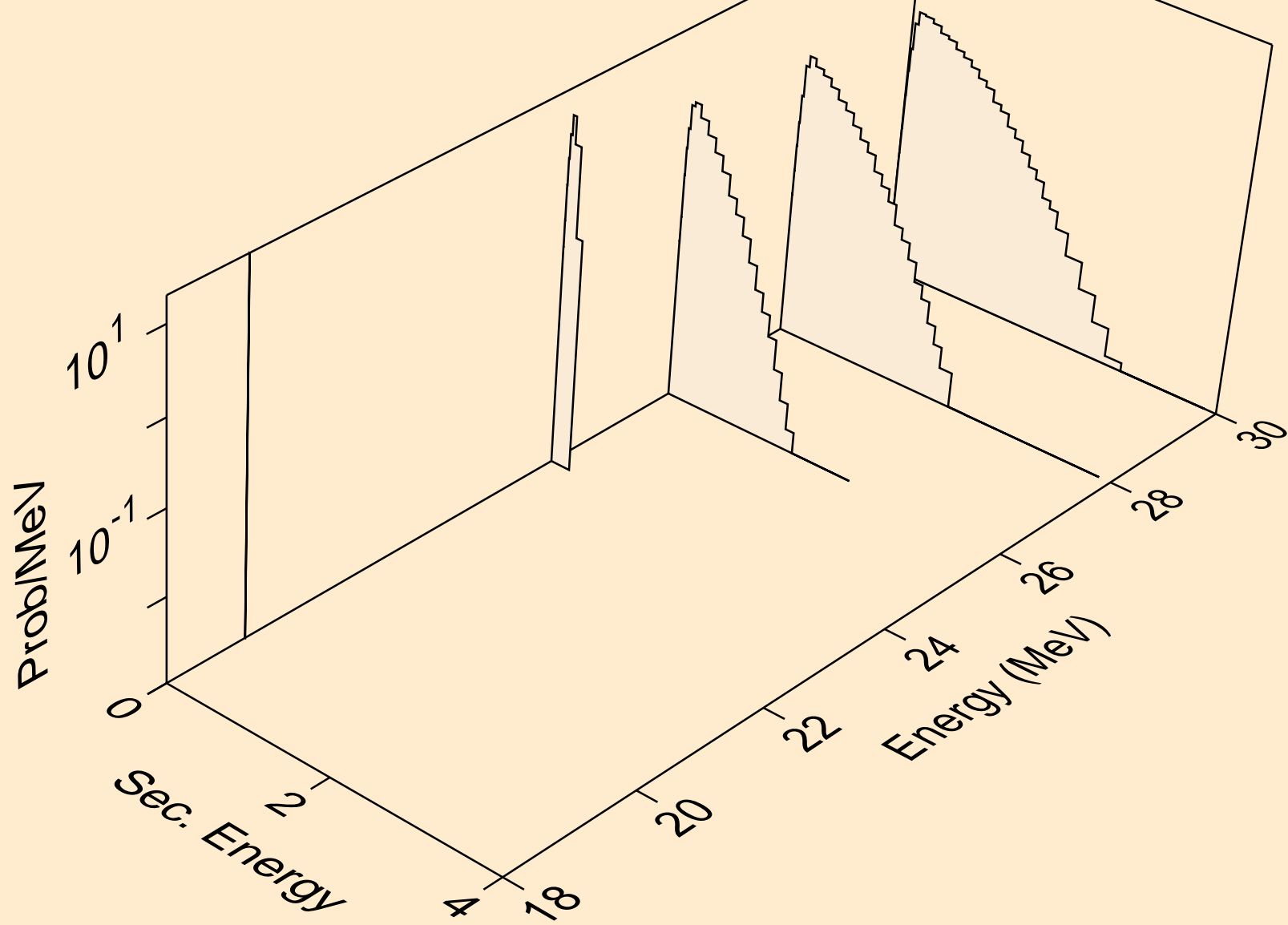
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



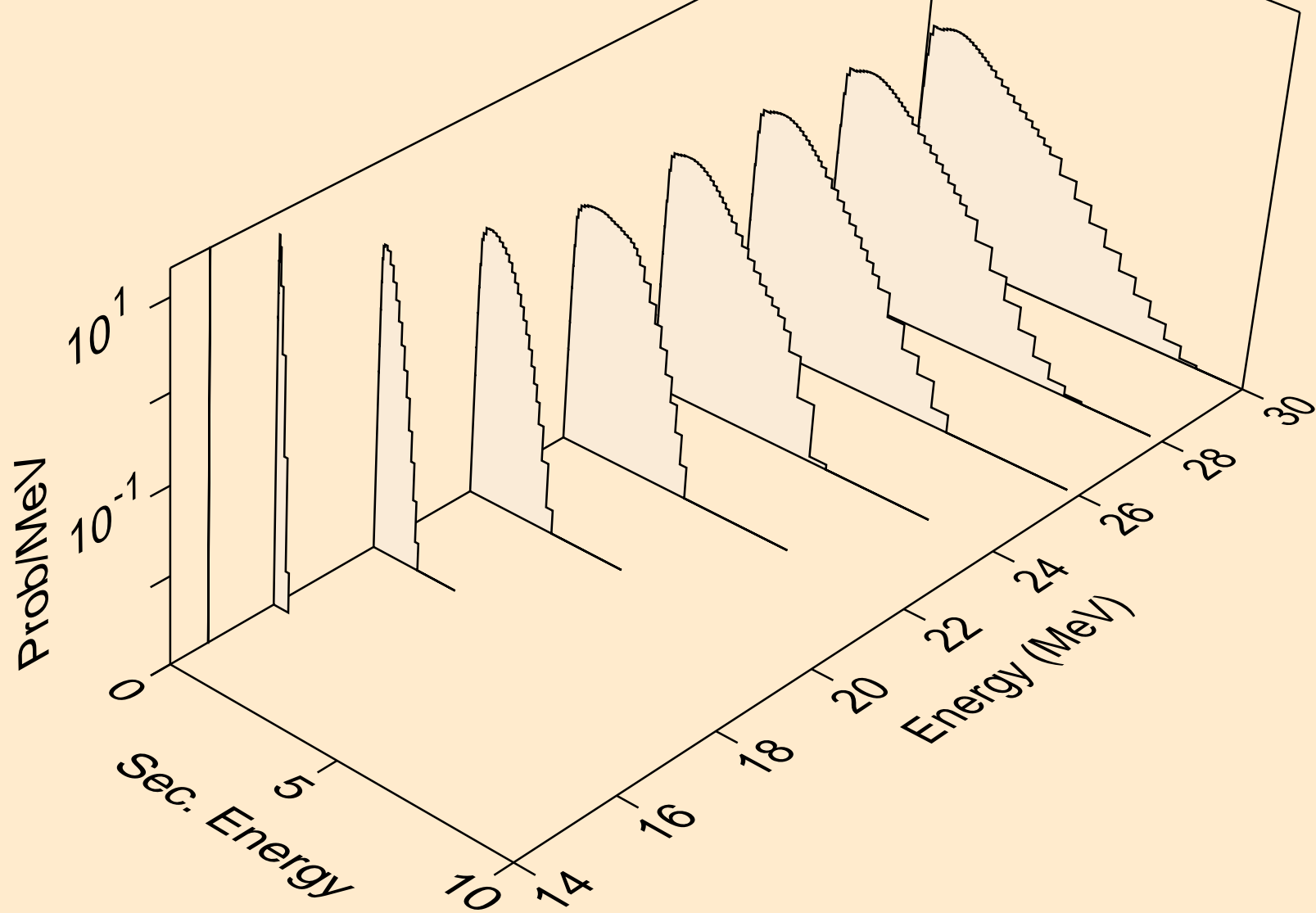
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



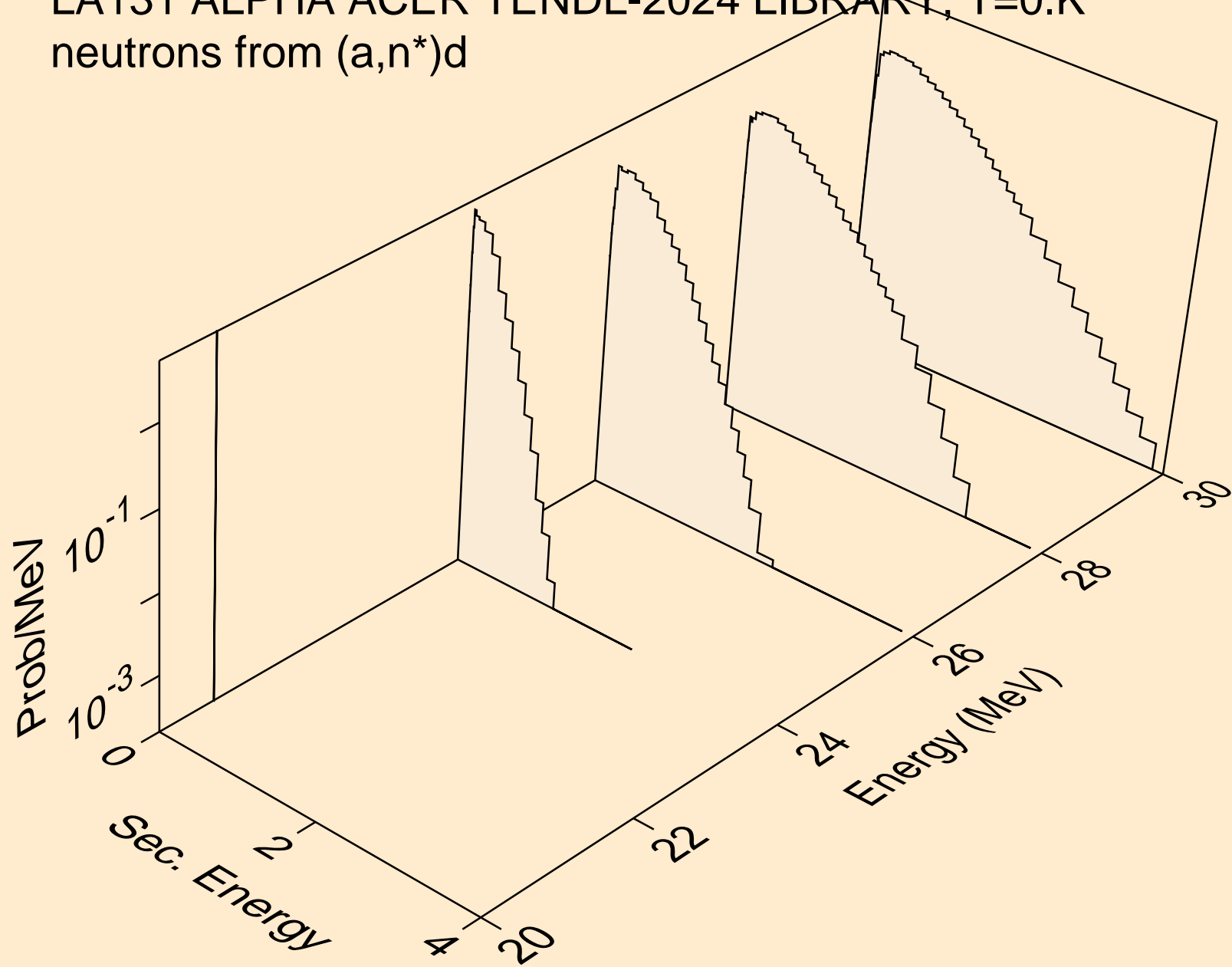
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a



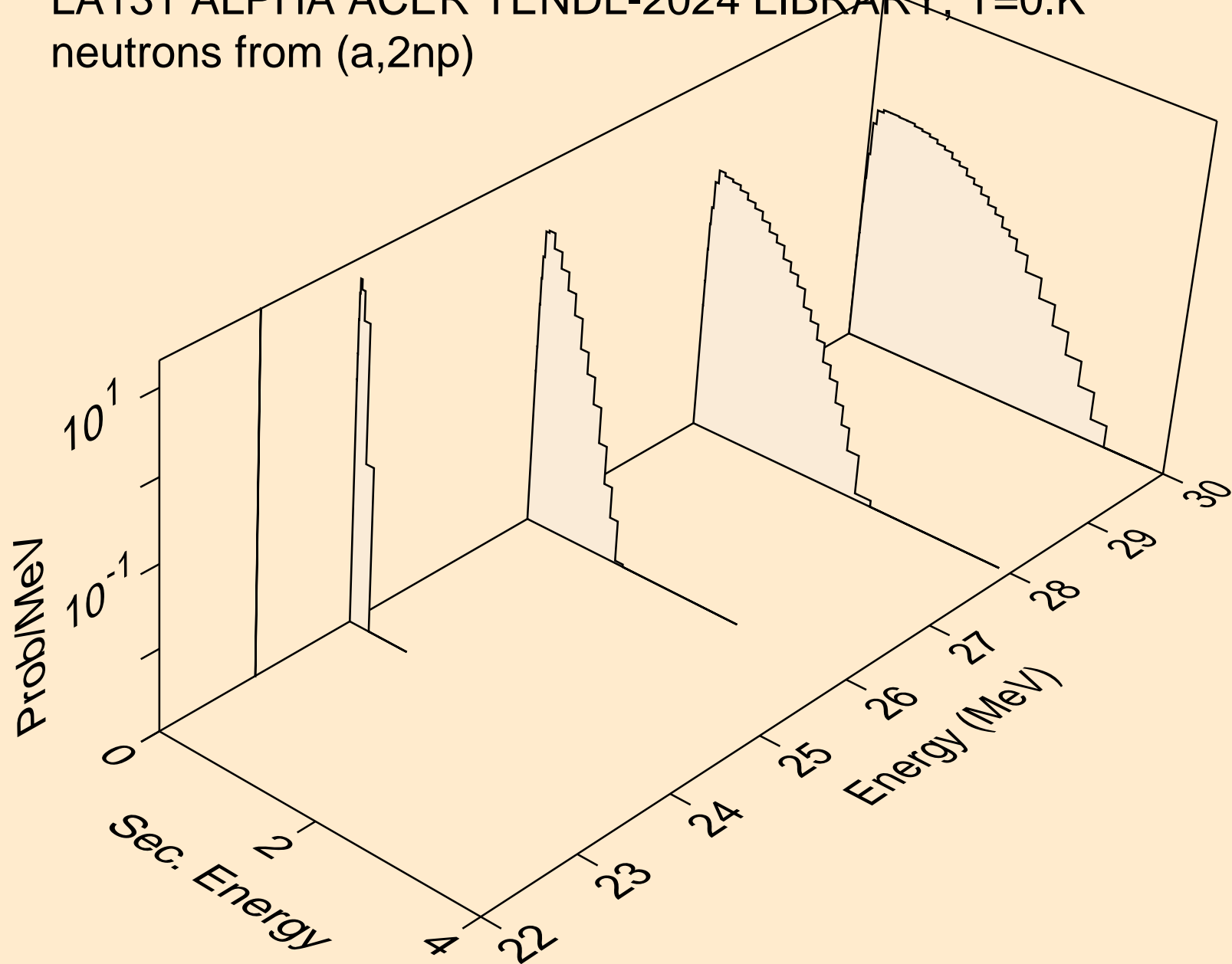
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



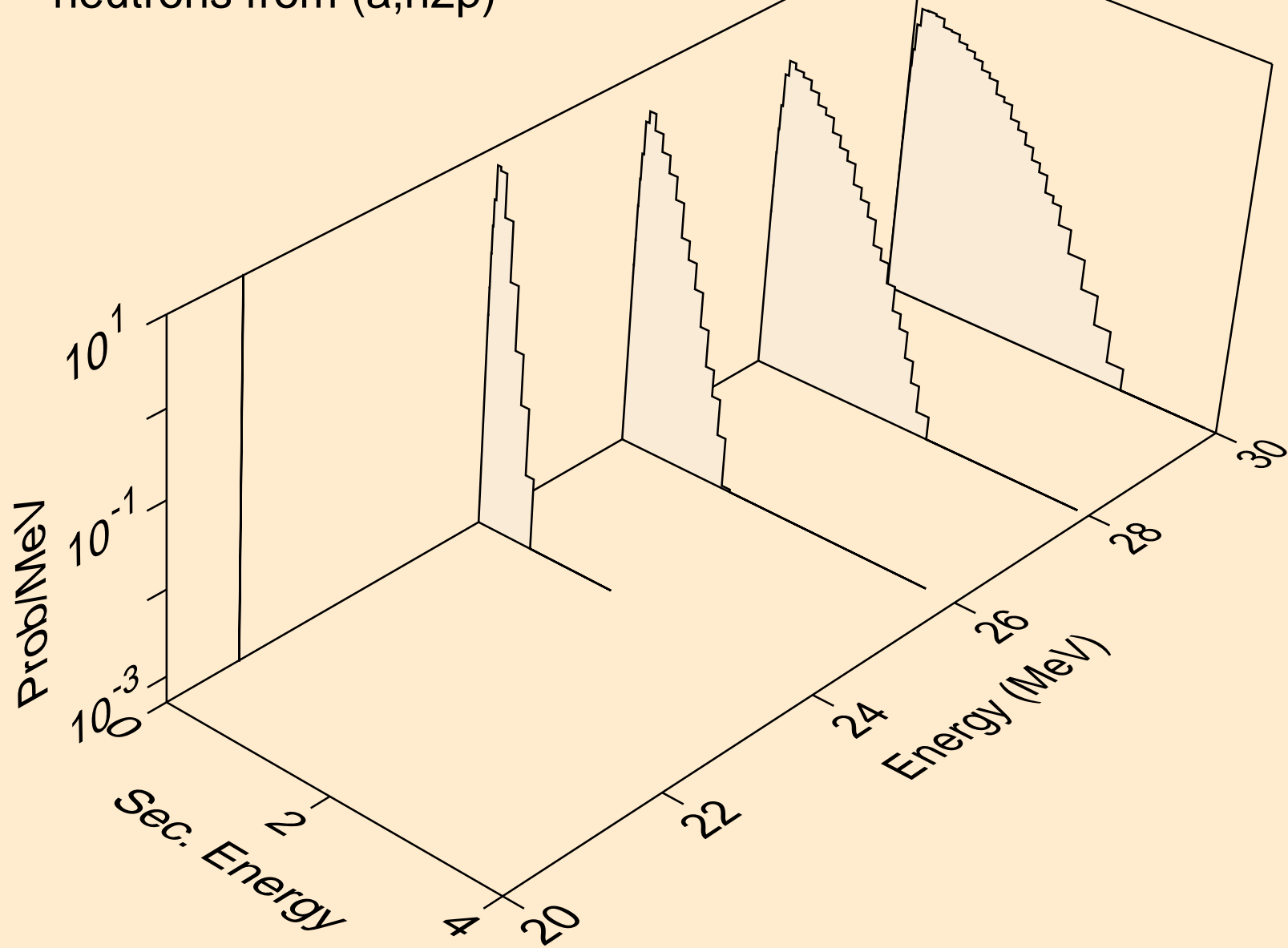
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)d



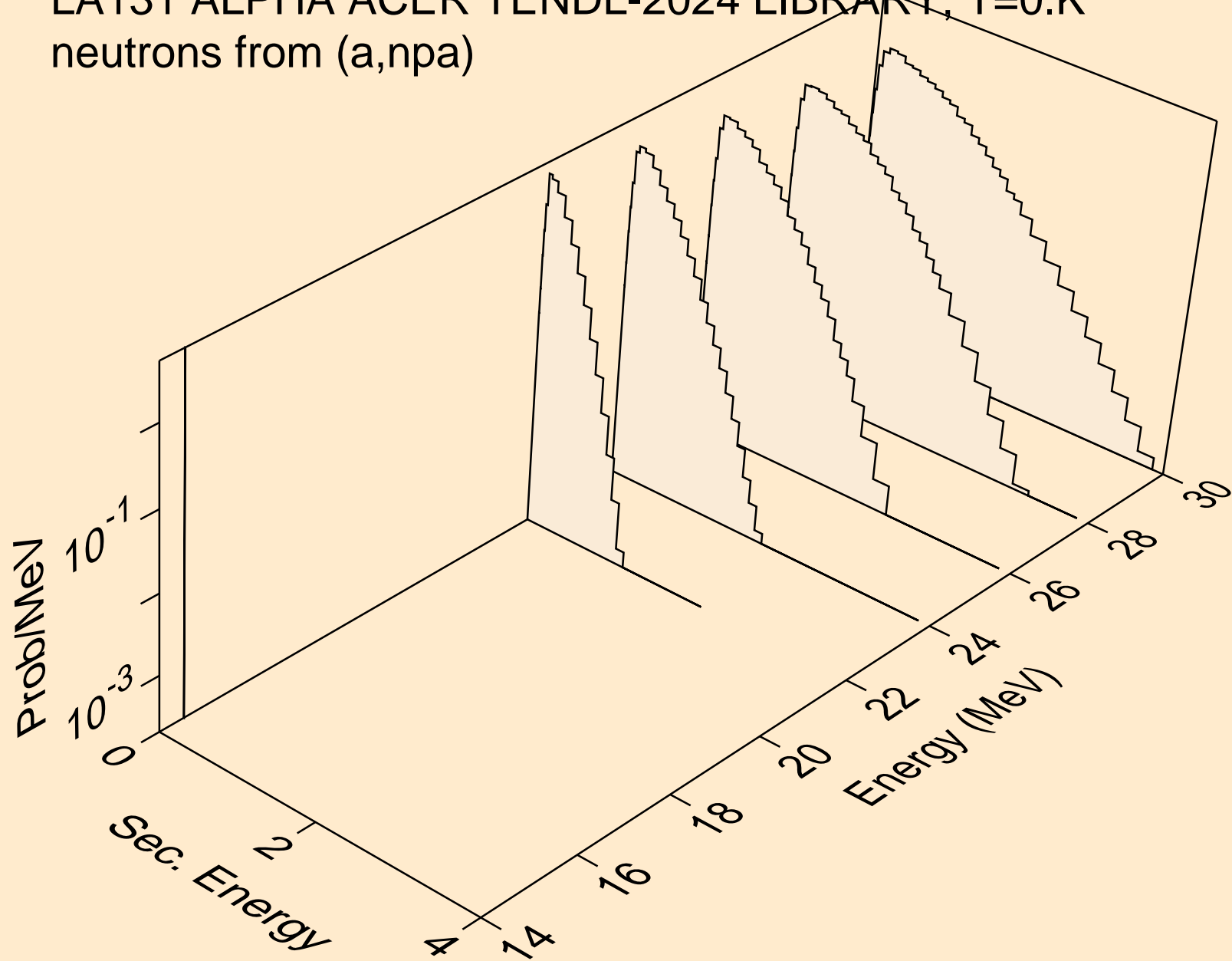
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2np)



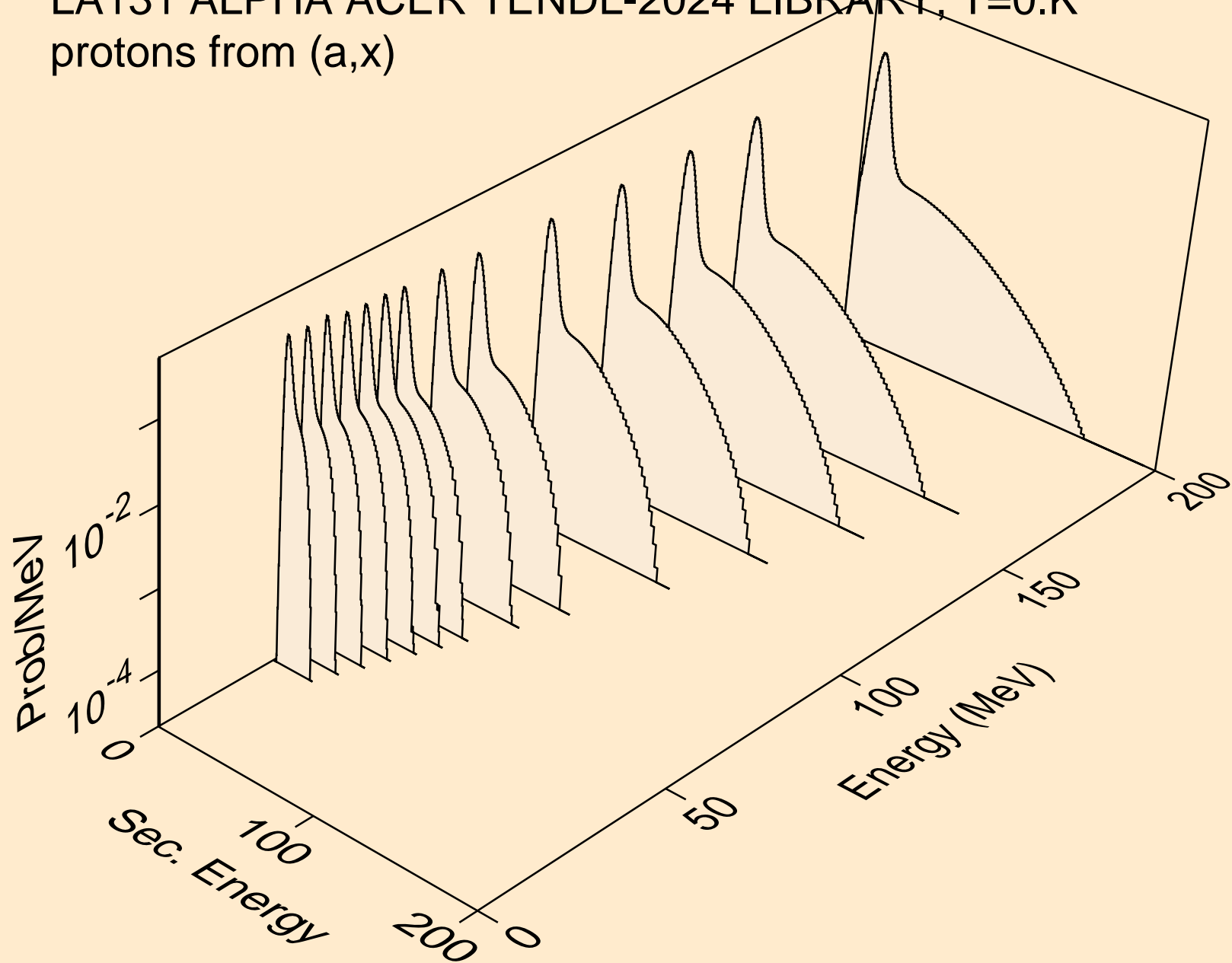
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n2p)



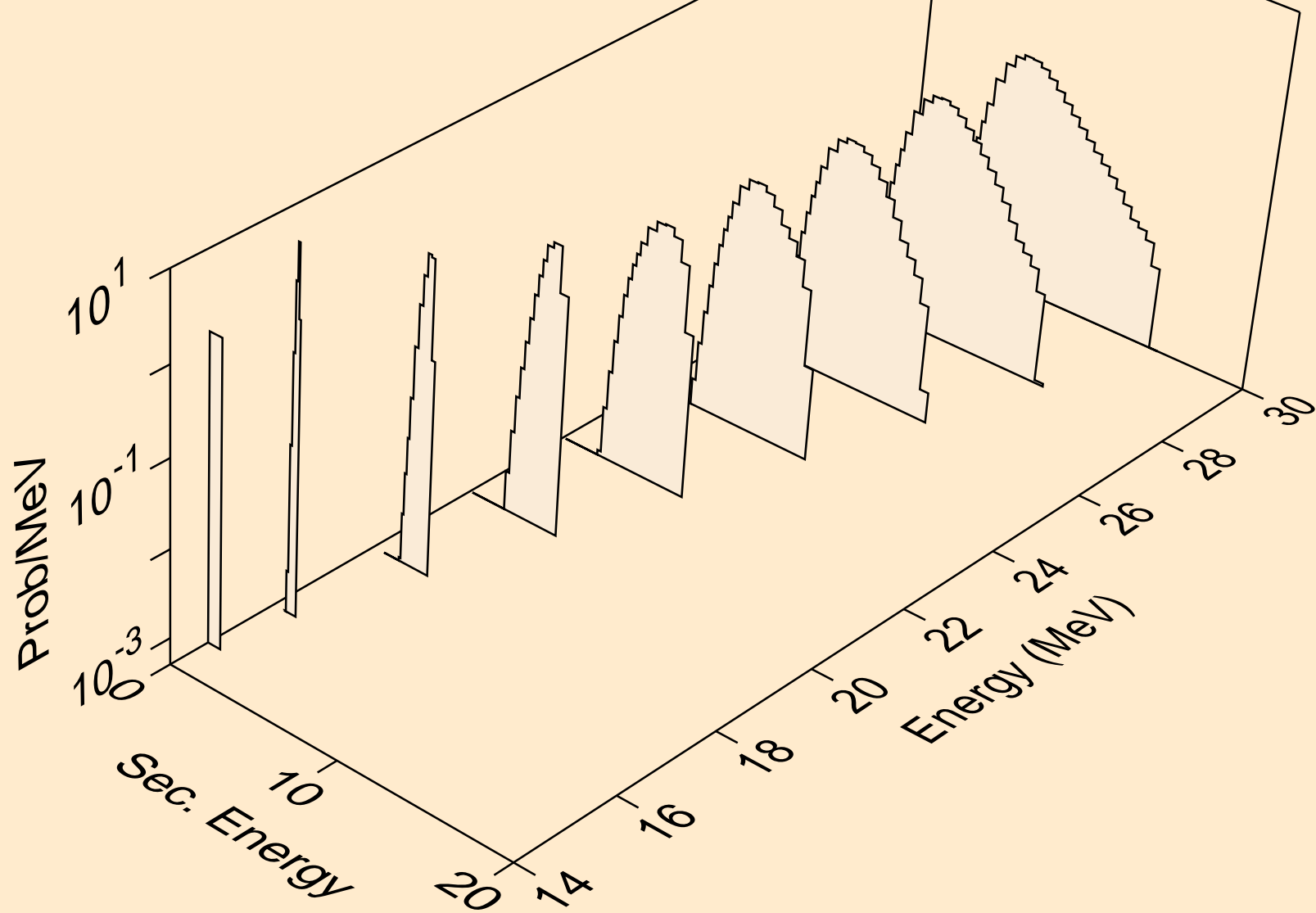
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,npa)



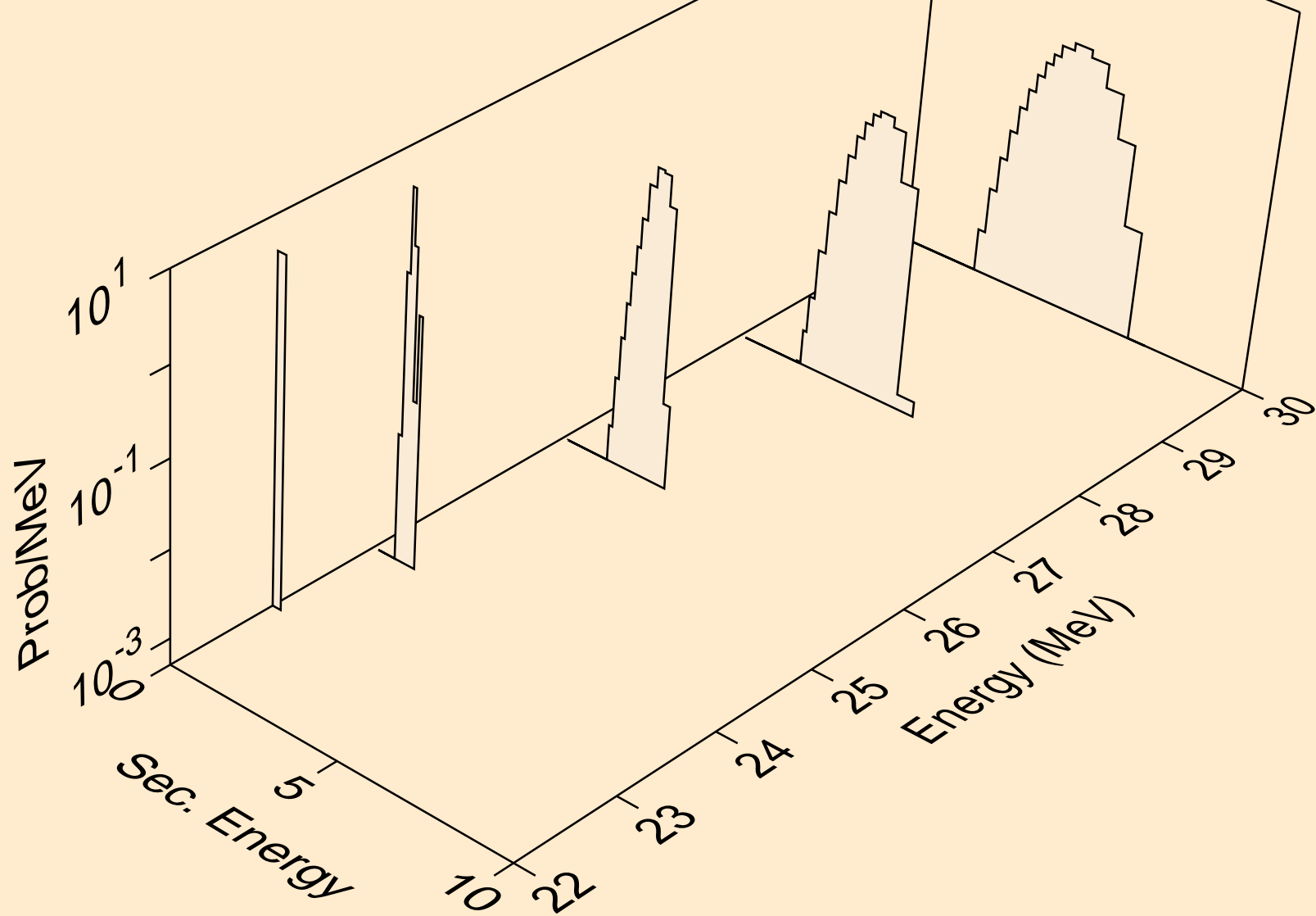
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



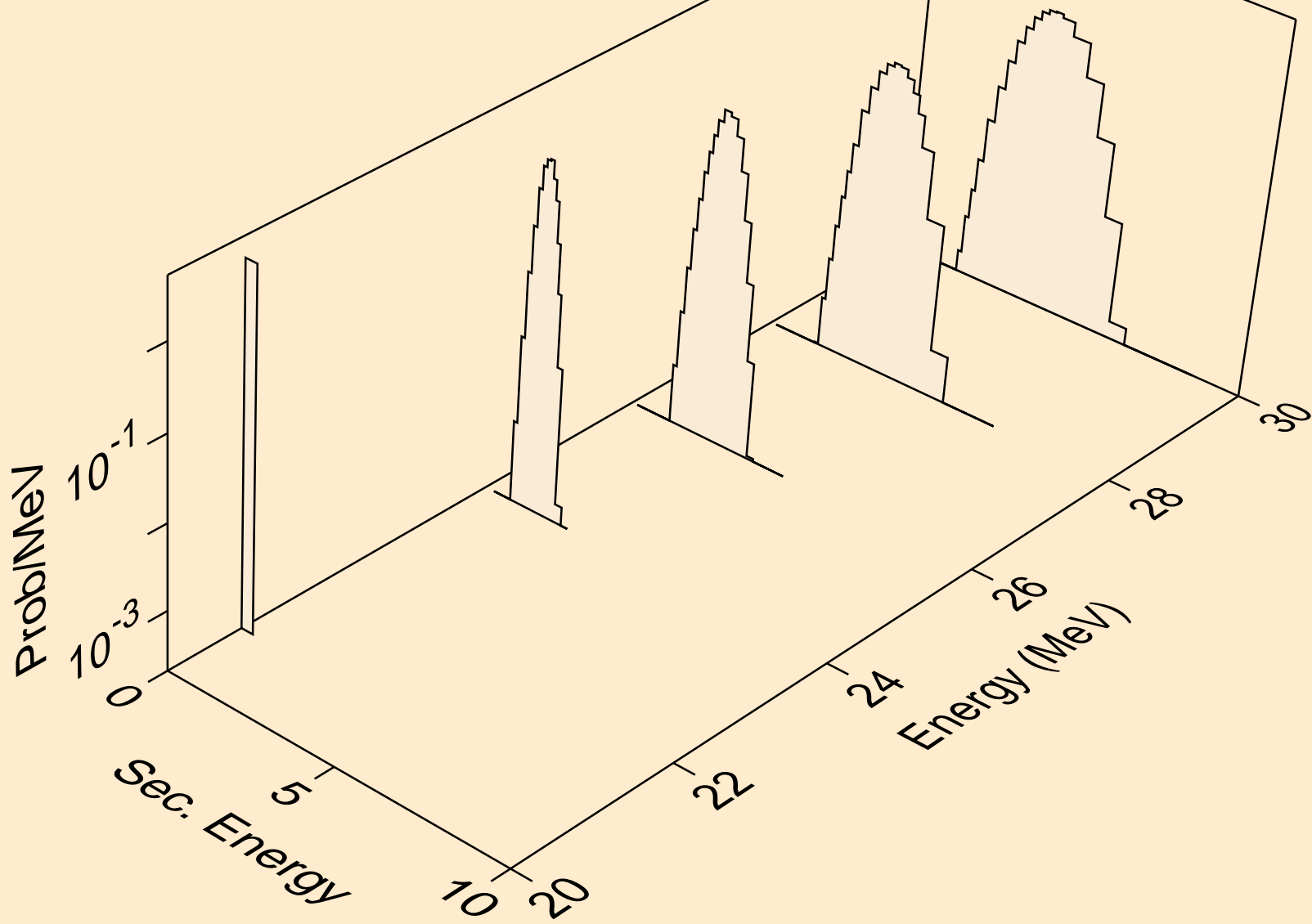
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n\*)p



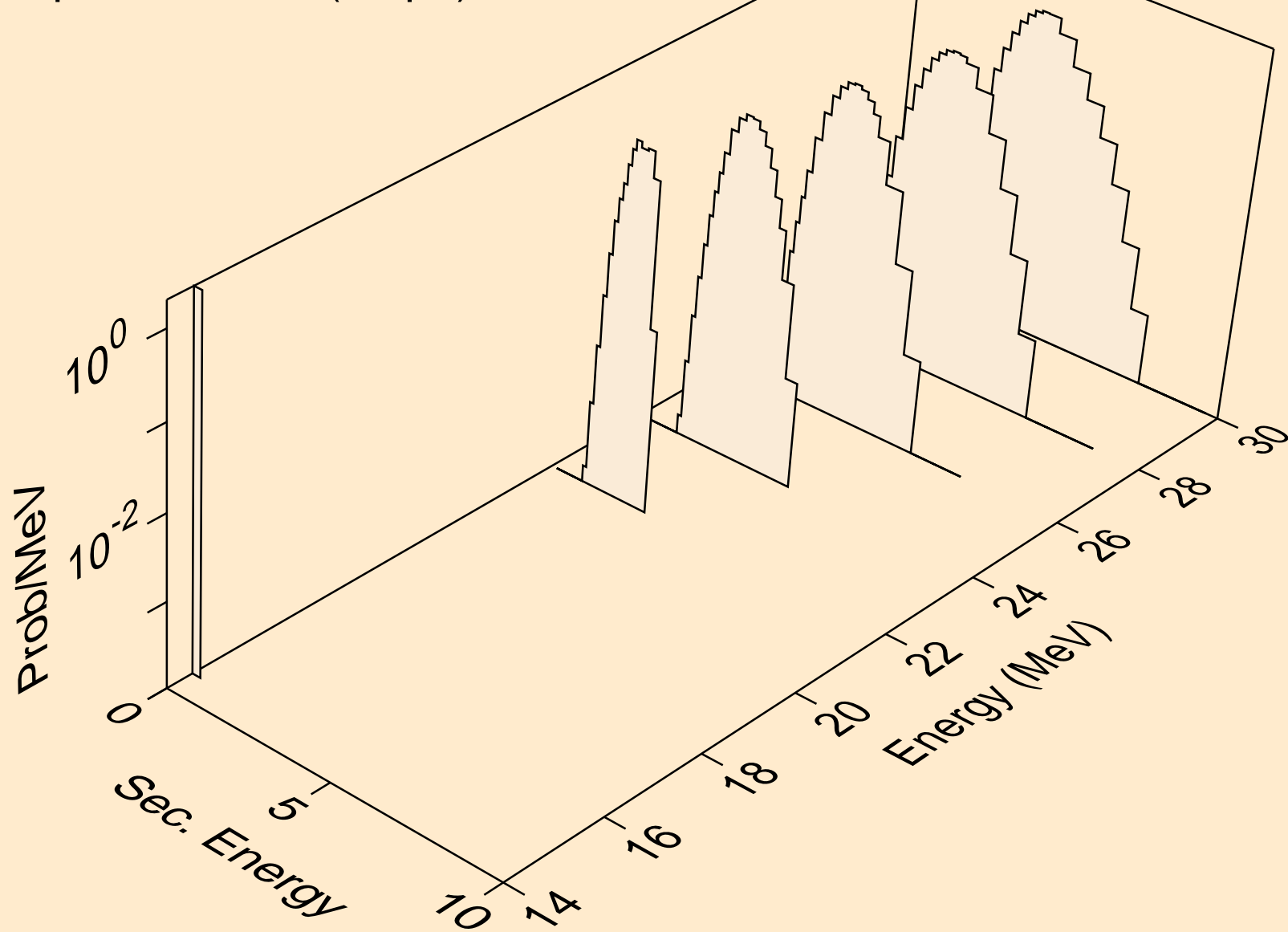
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2np)



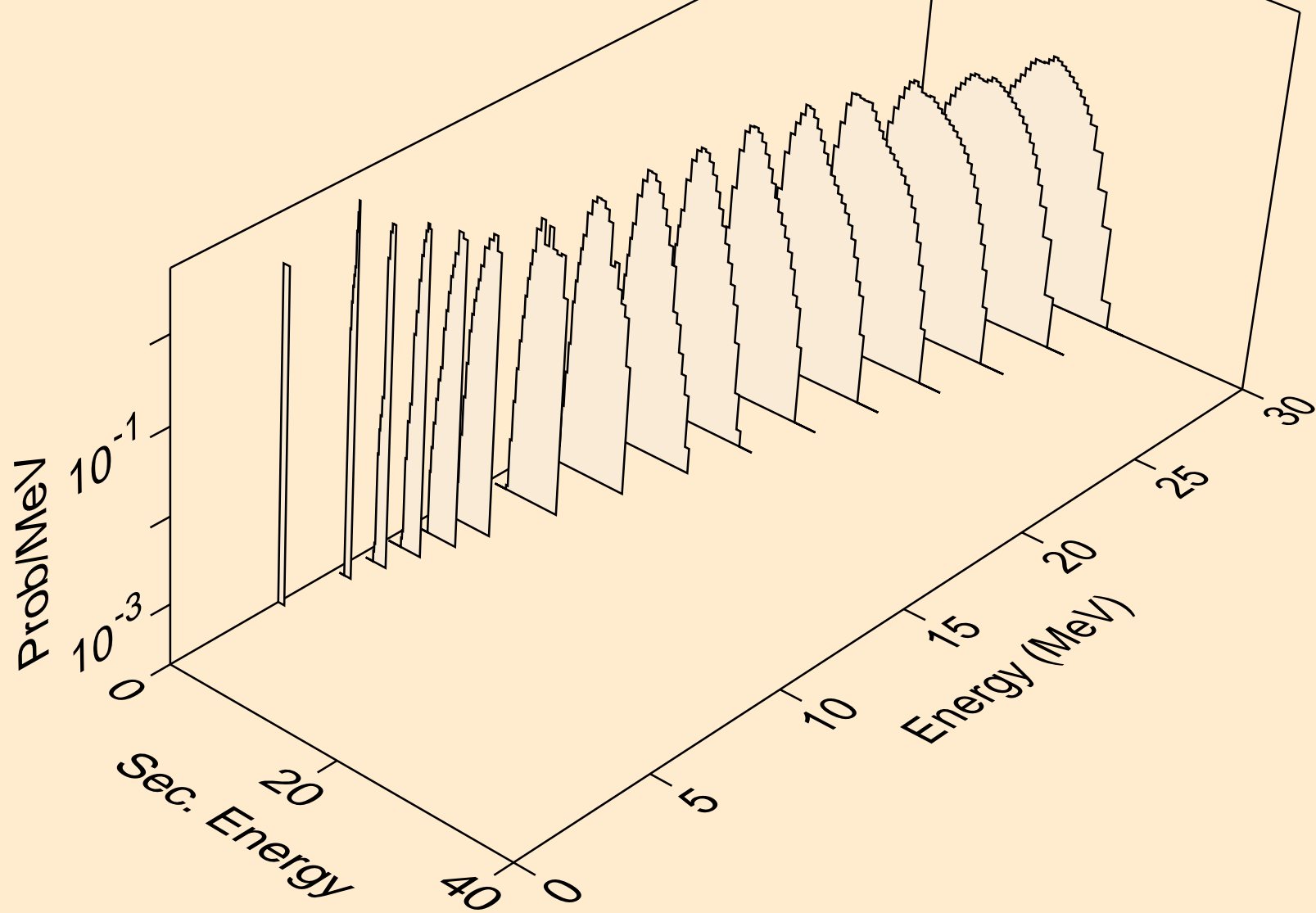
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n2p)



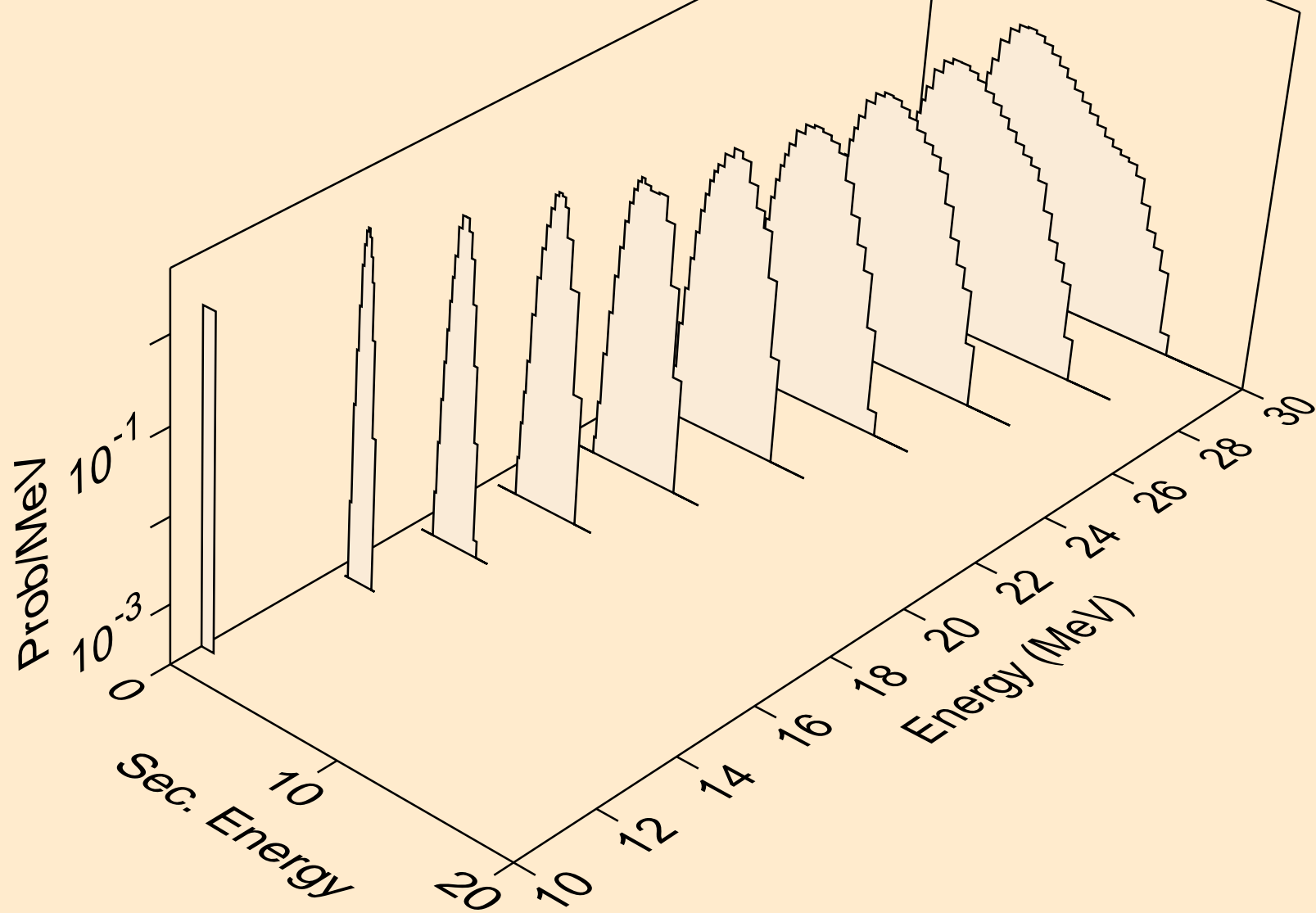
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,npa)



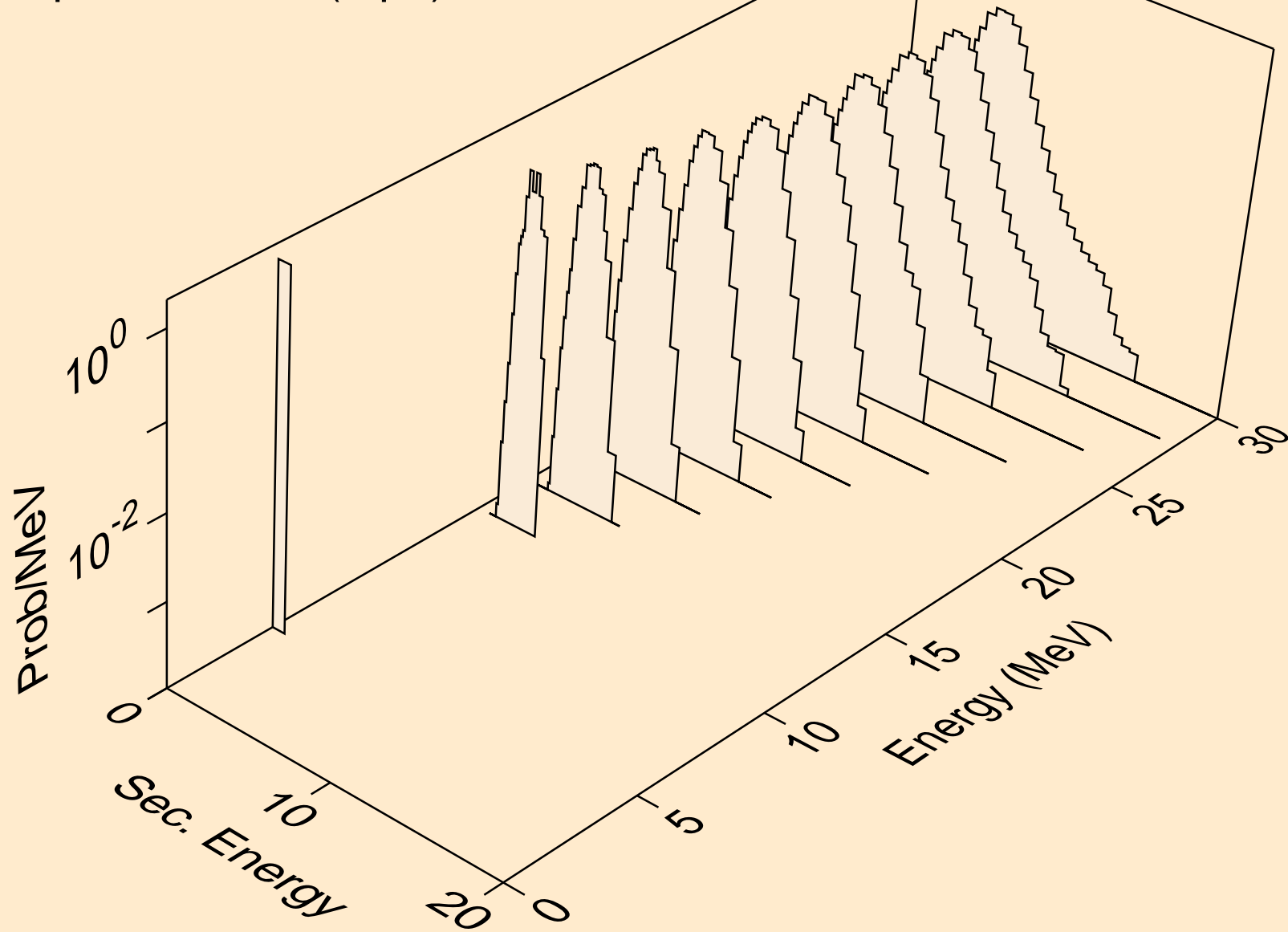
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,p)



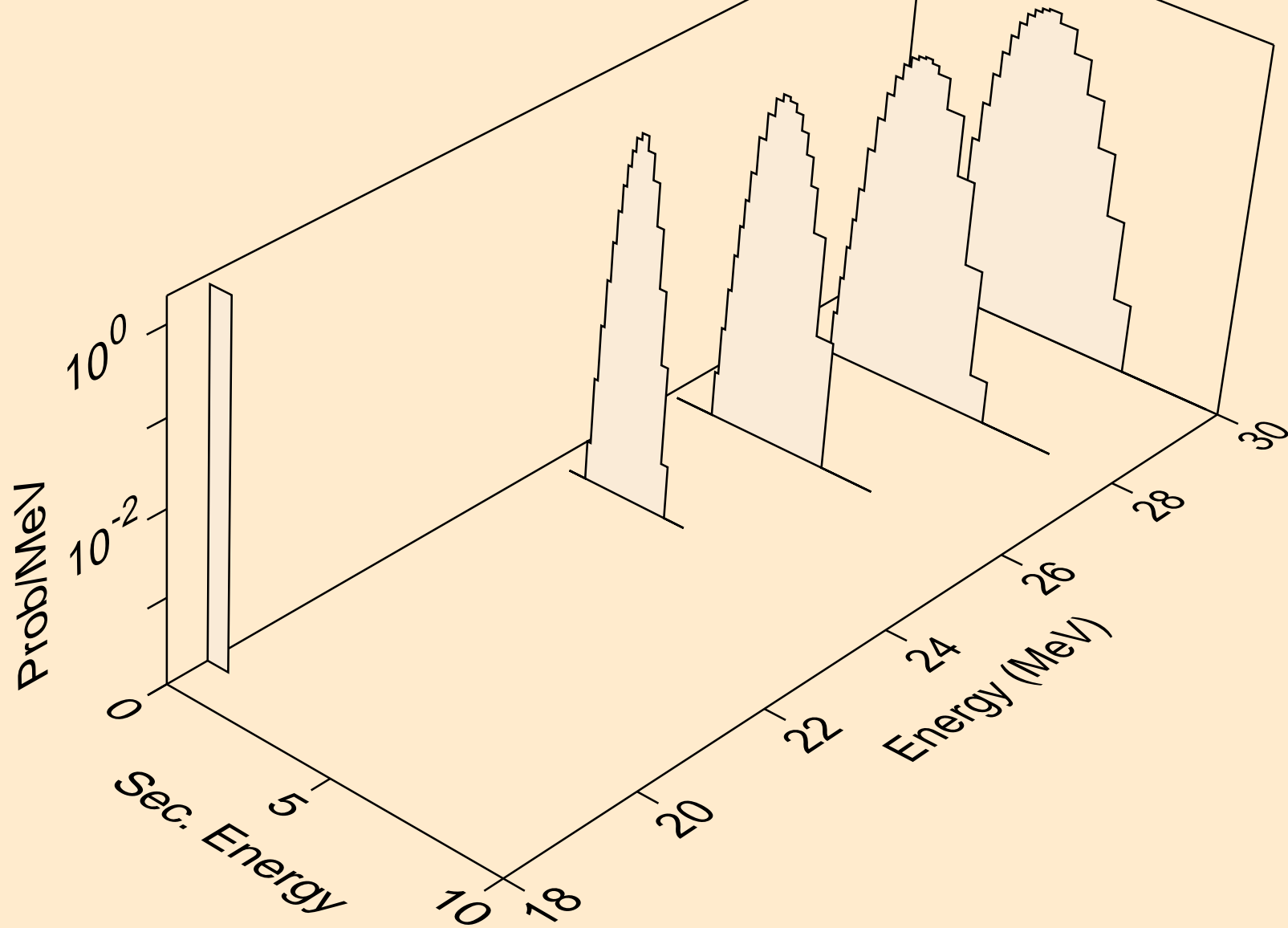
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2p)



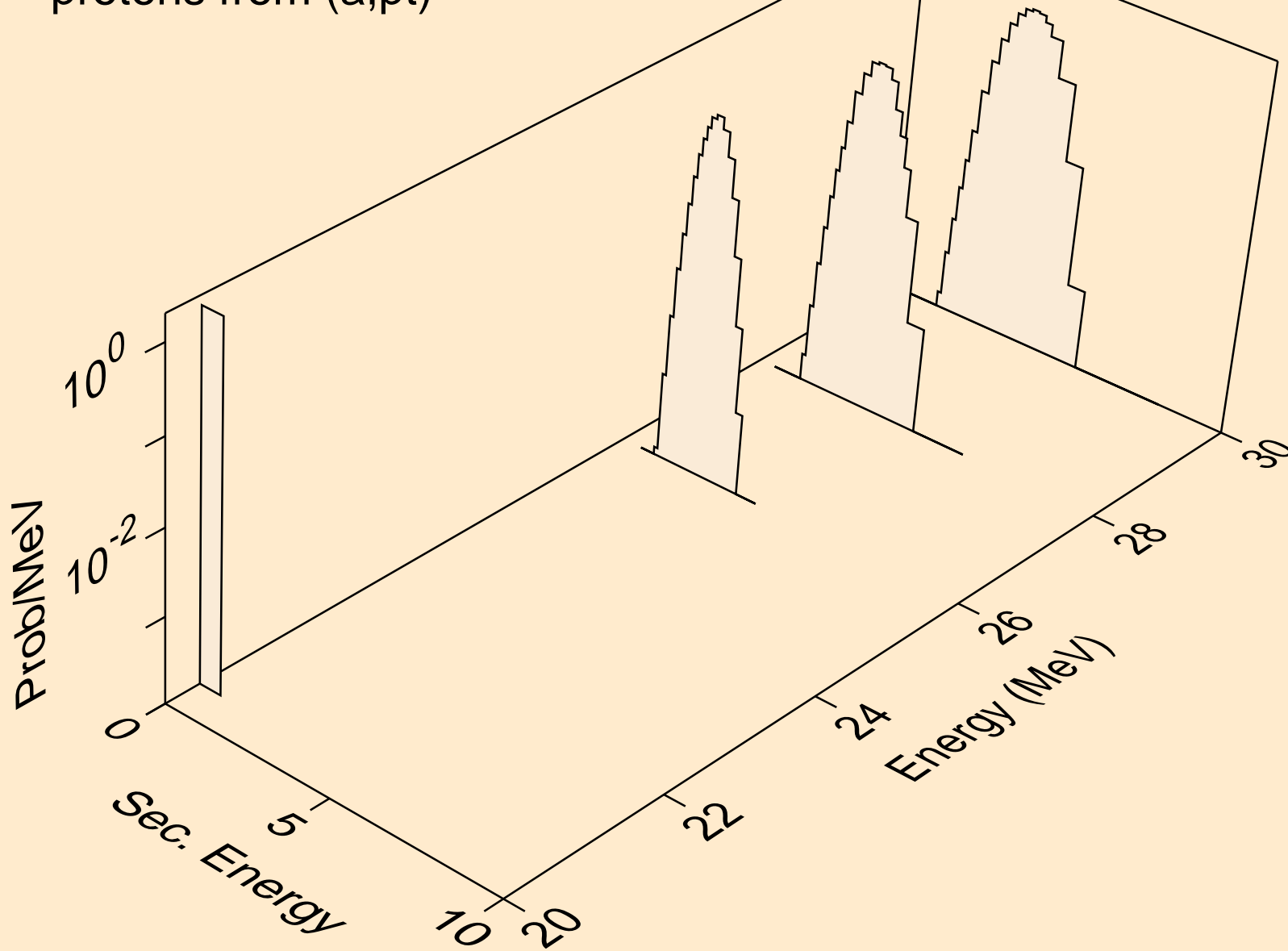
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pa)



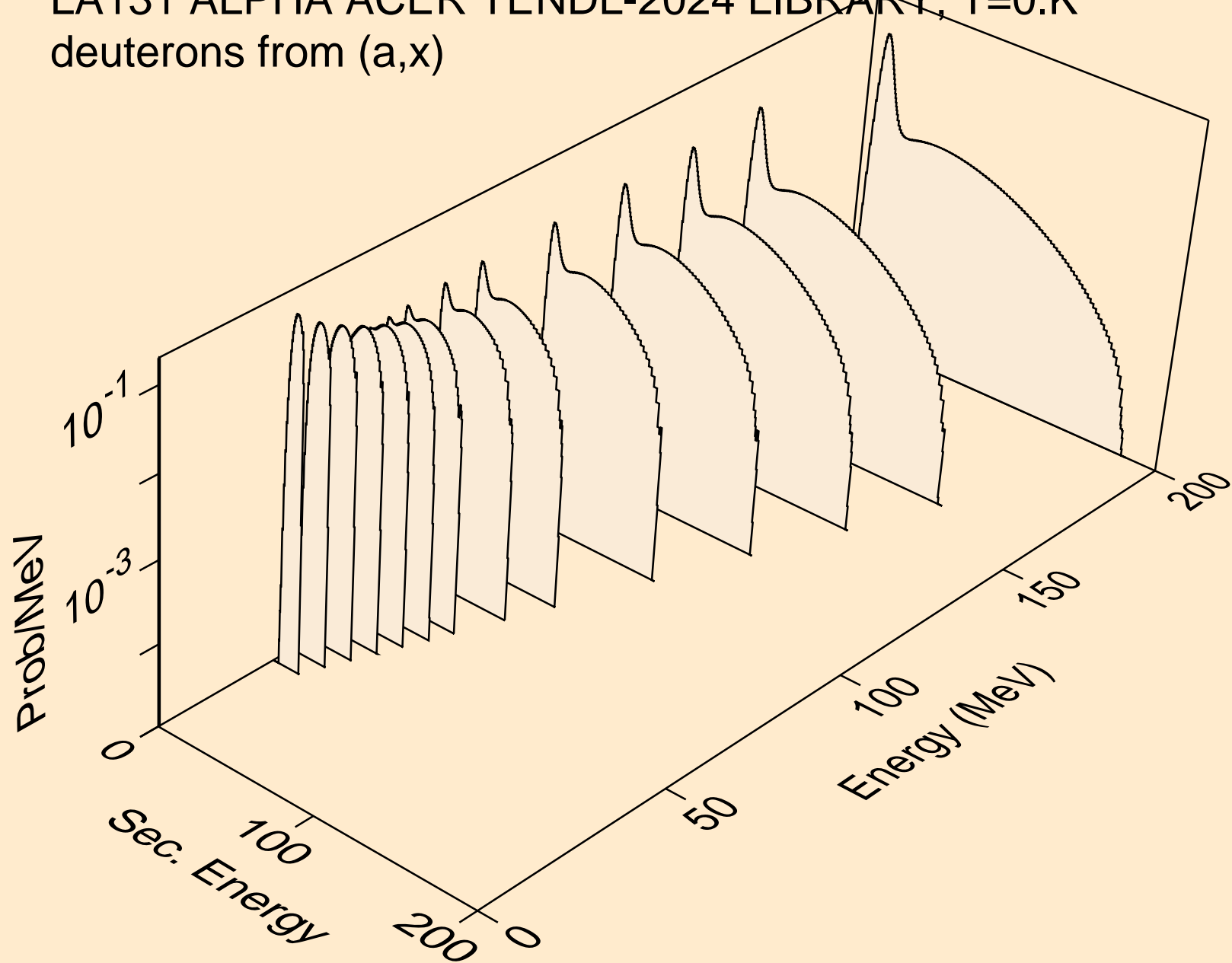
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pd)



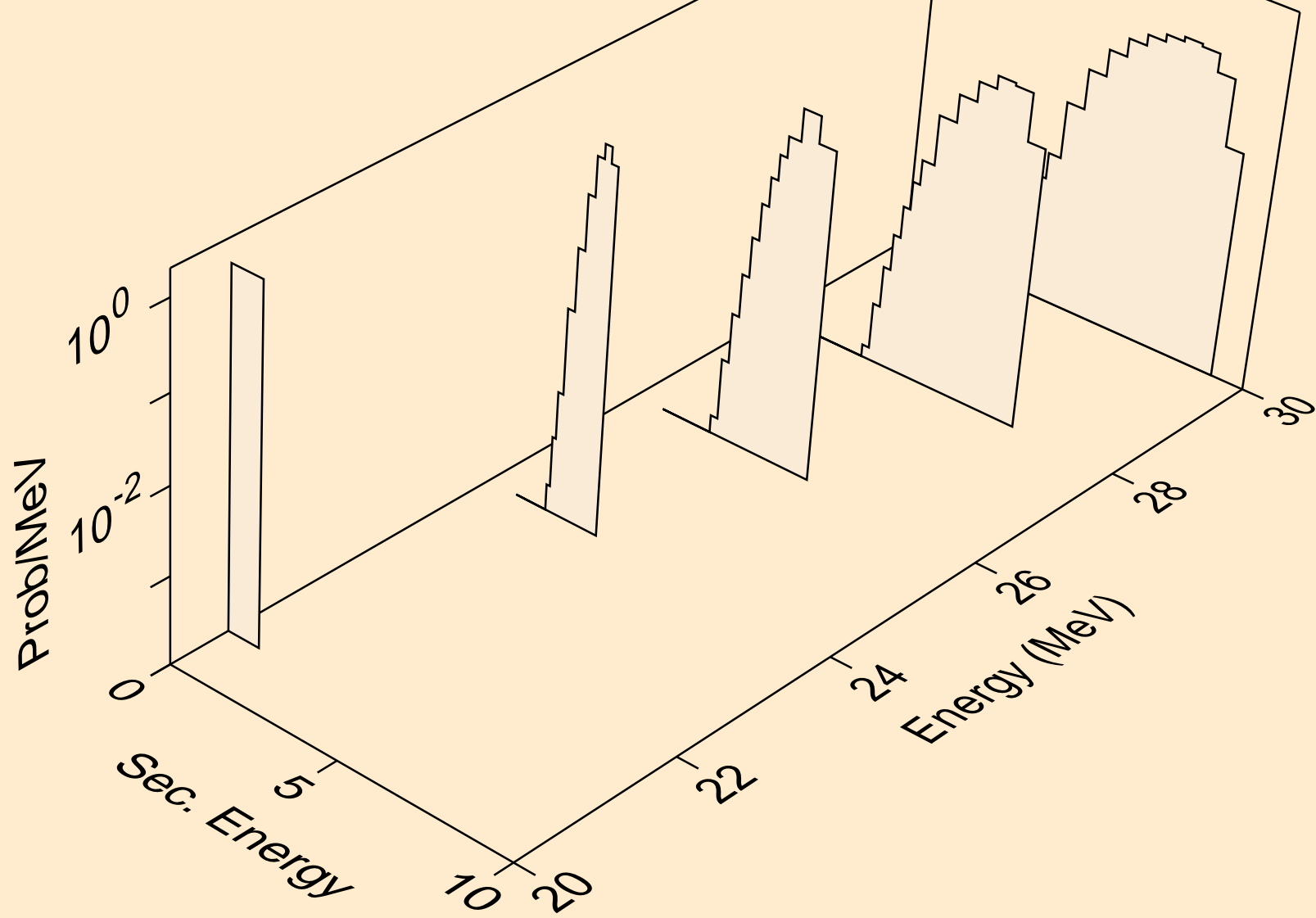
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pt)



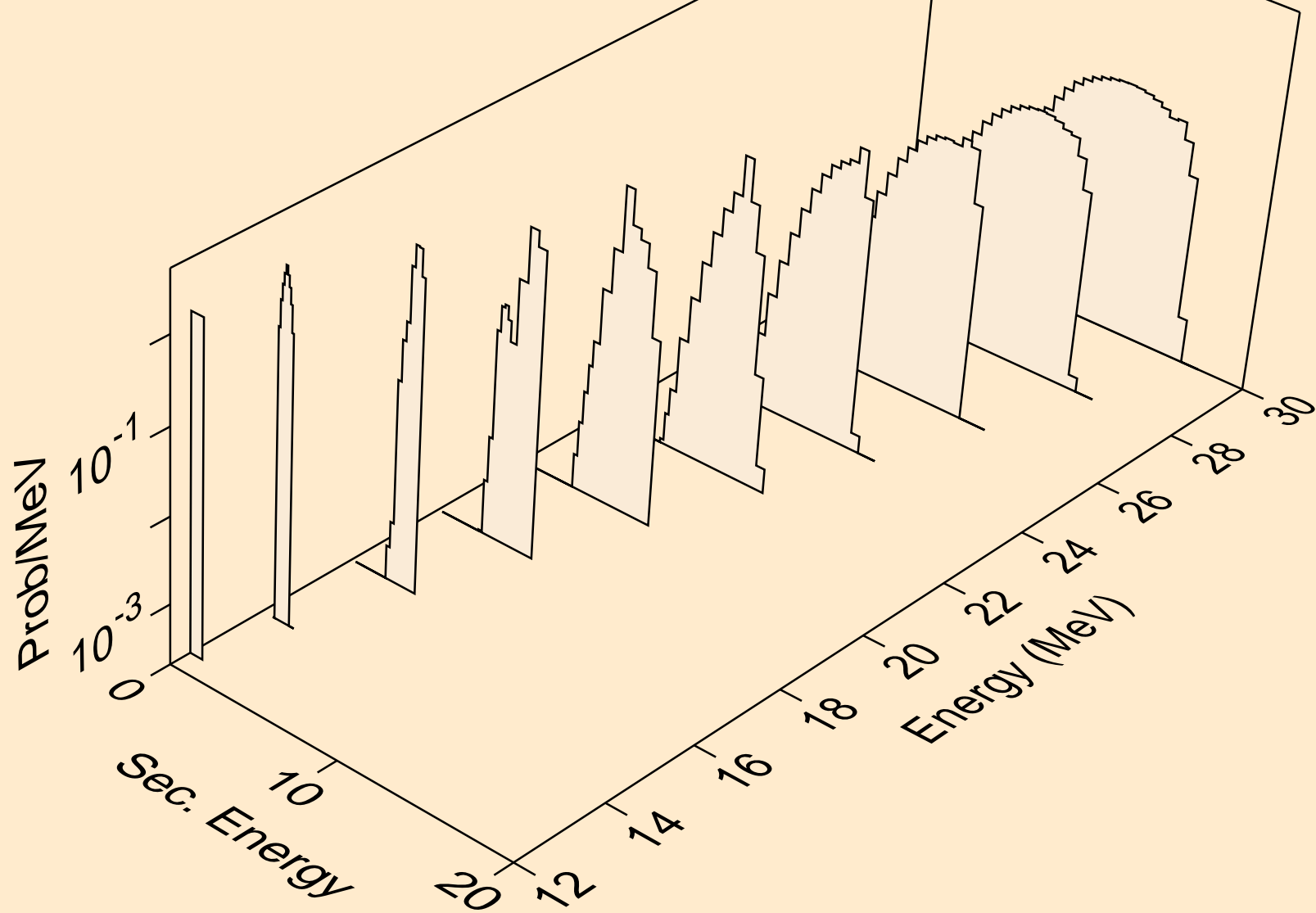
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



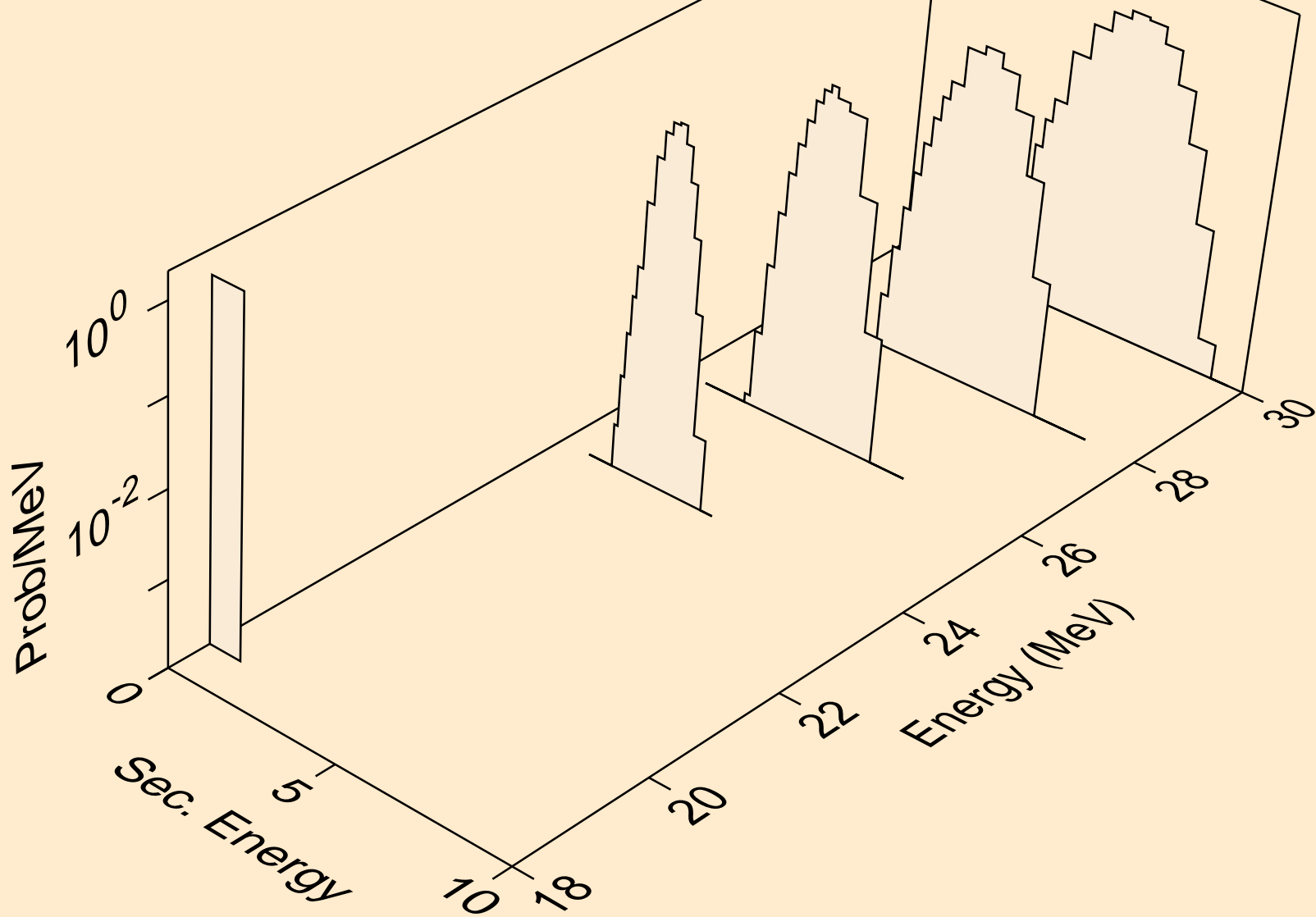
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



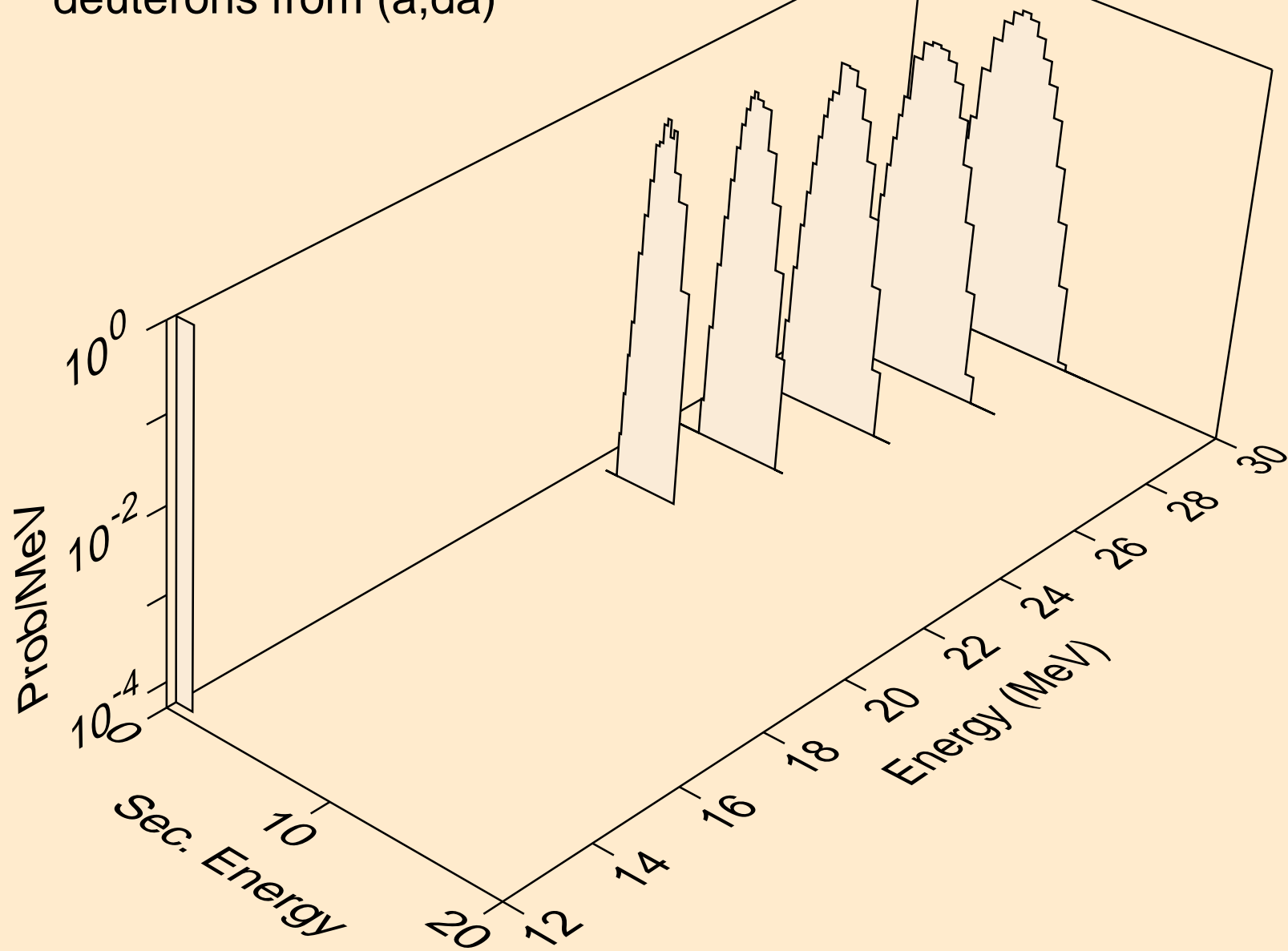
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)



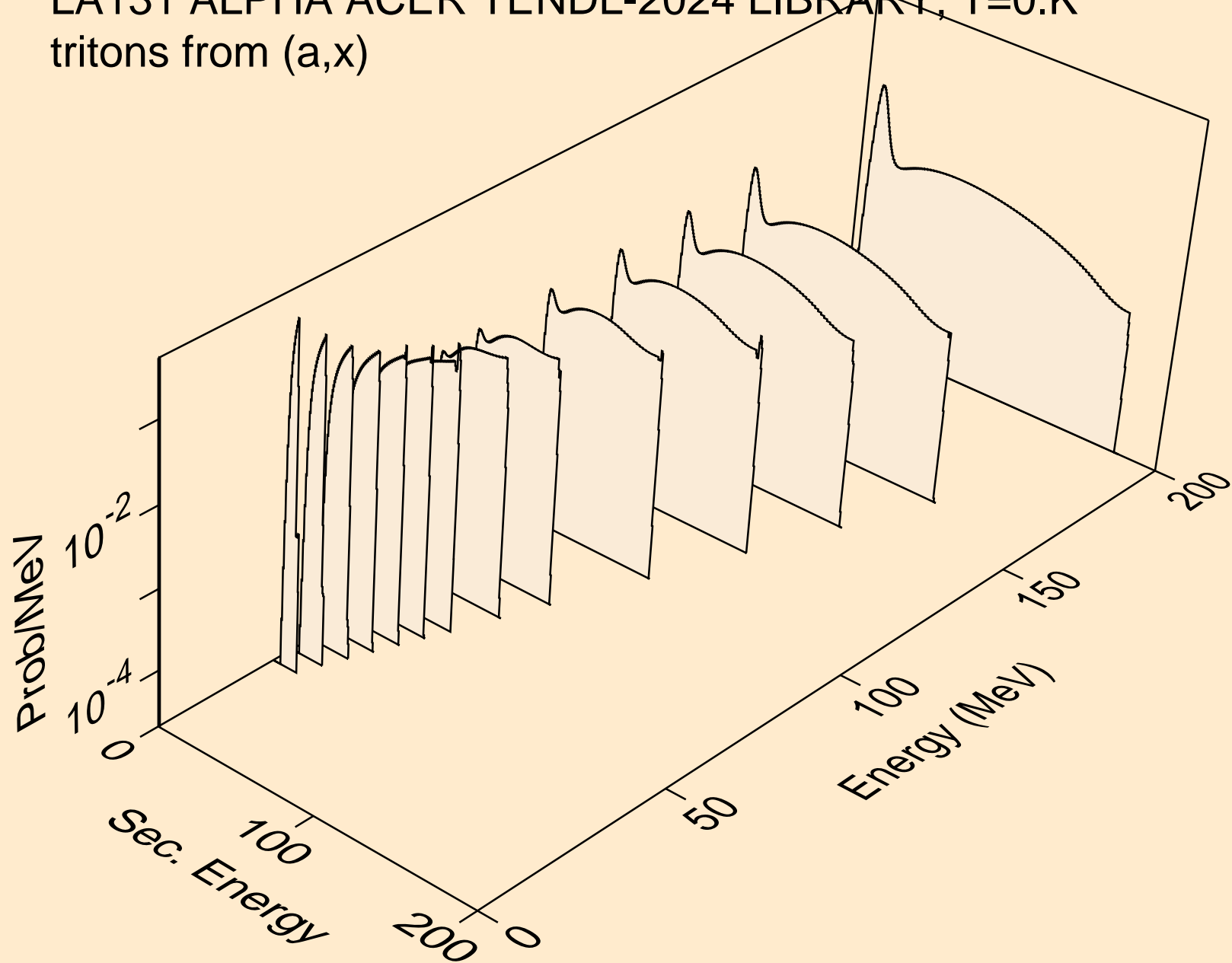
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,pd)



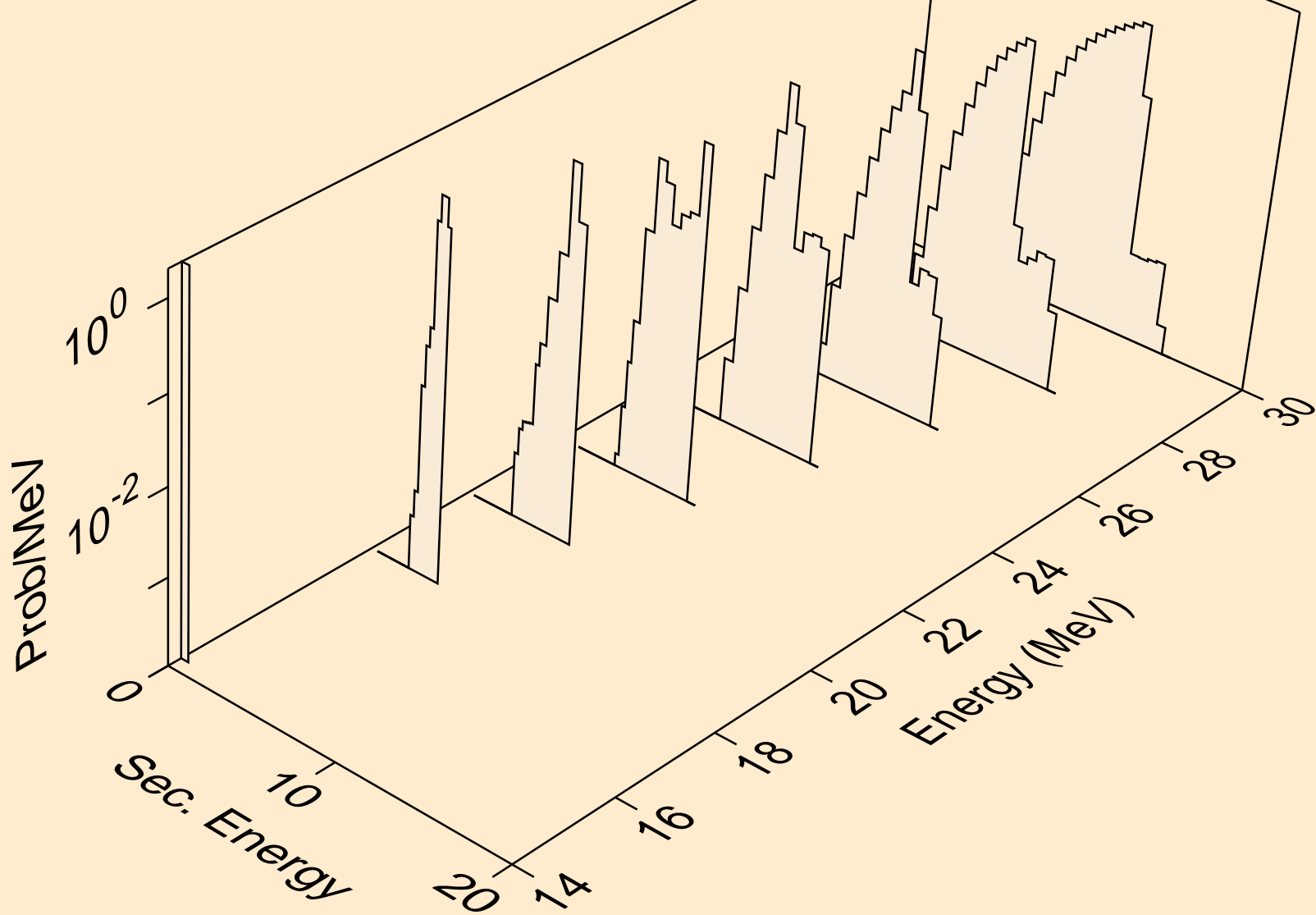
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,da)



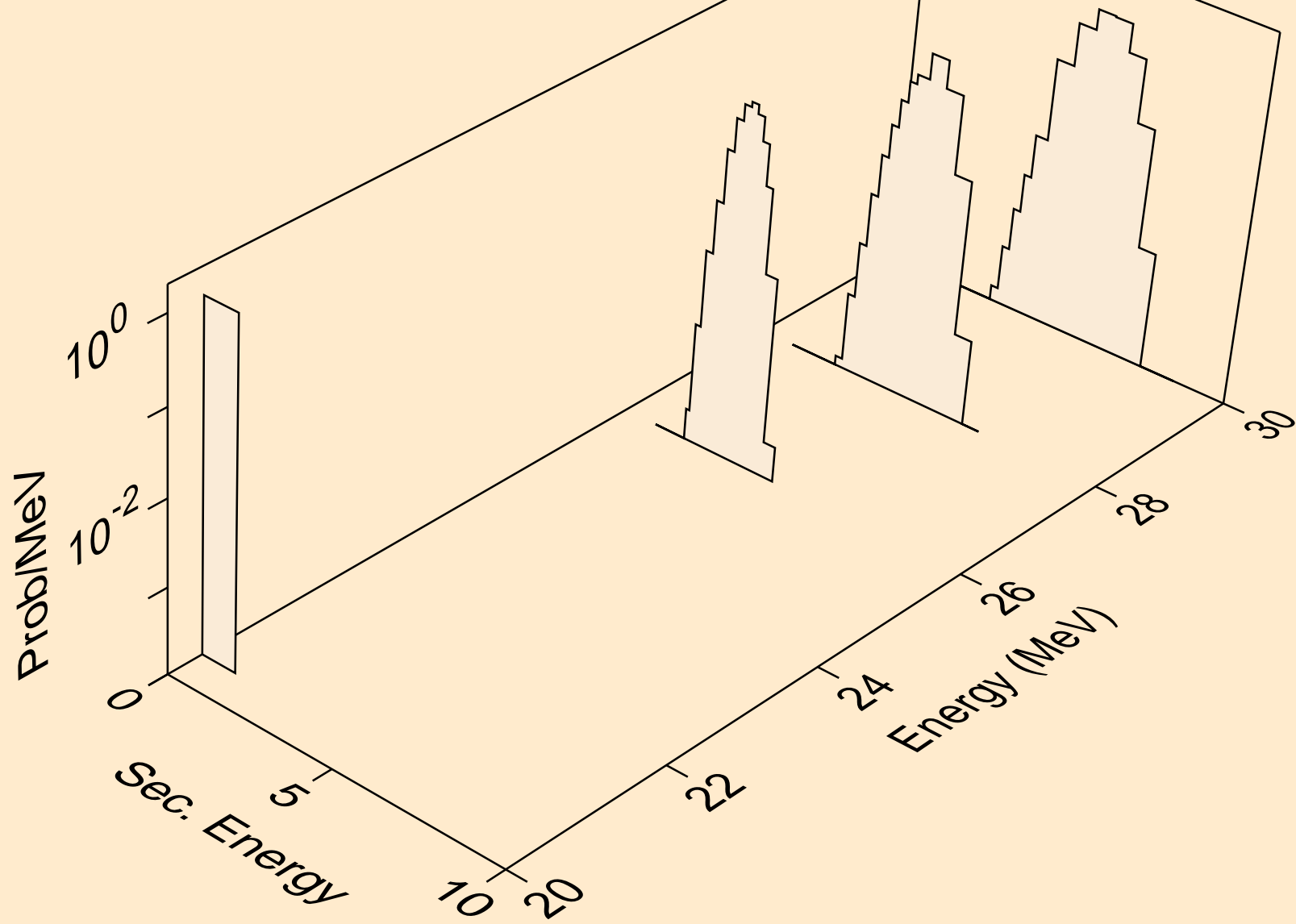
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



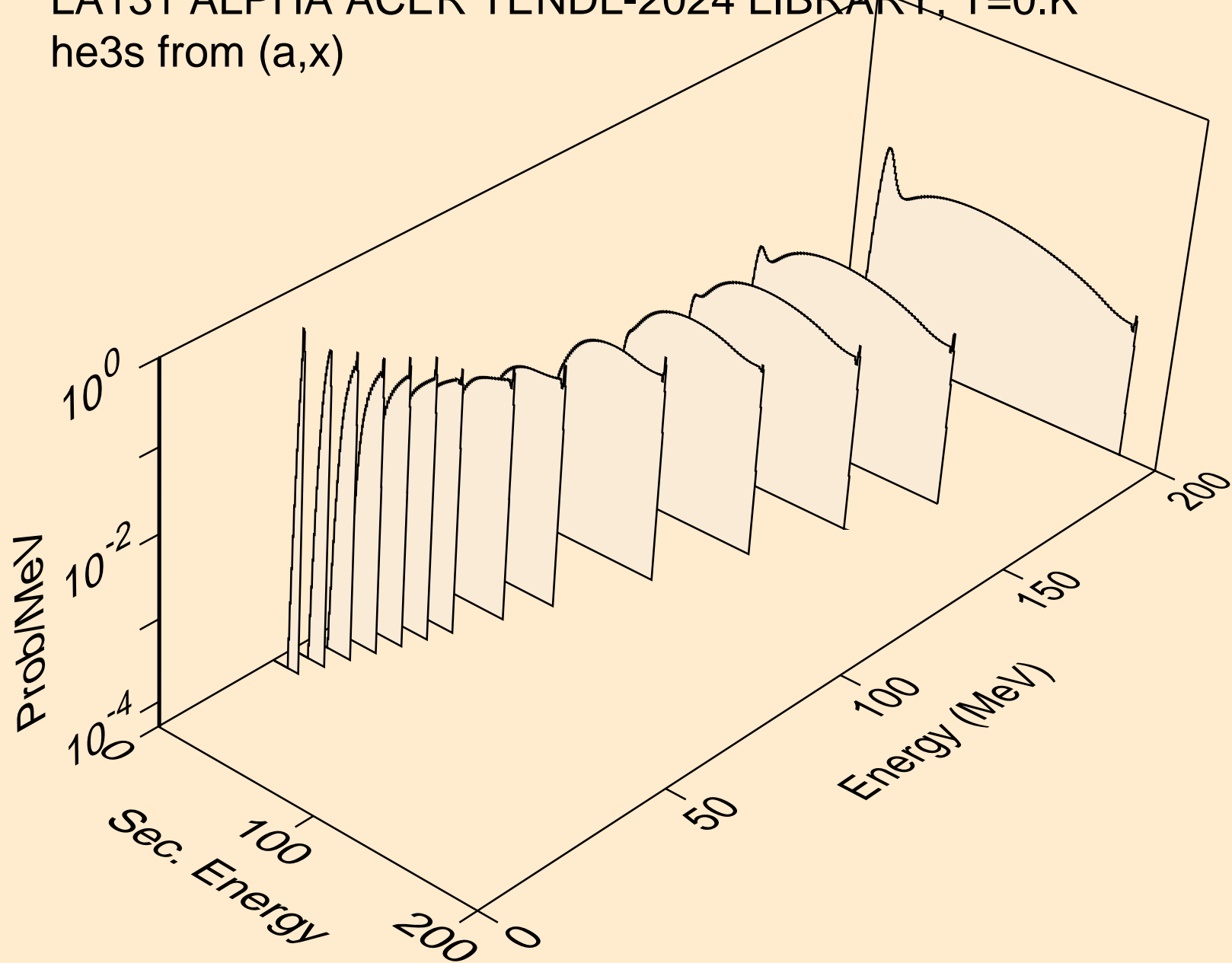
LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,pt)



LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



LA131 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

