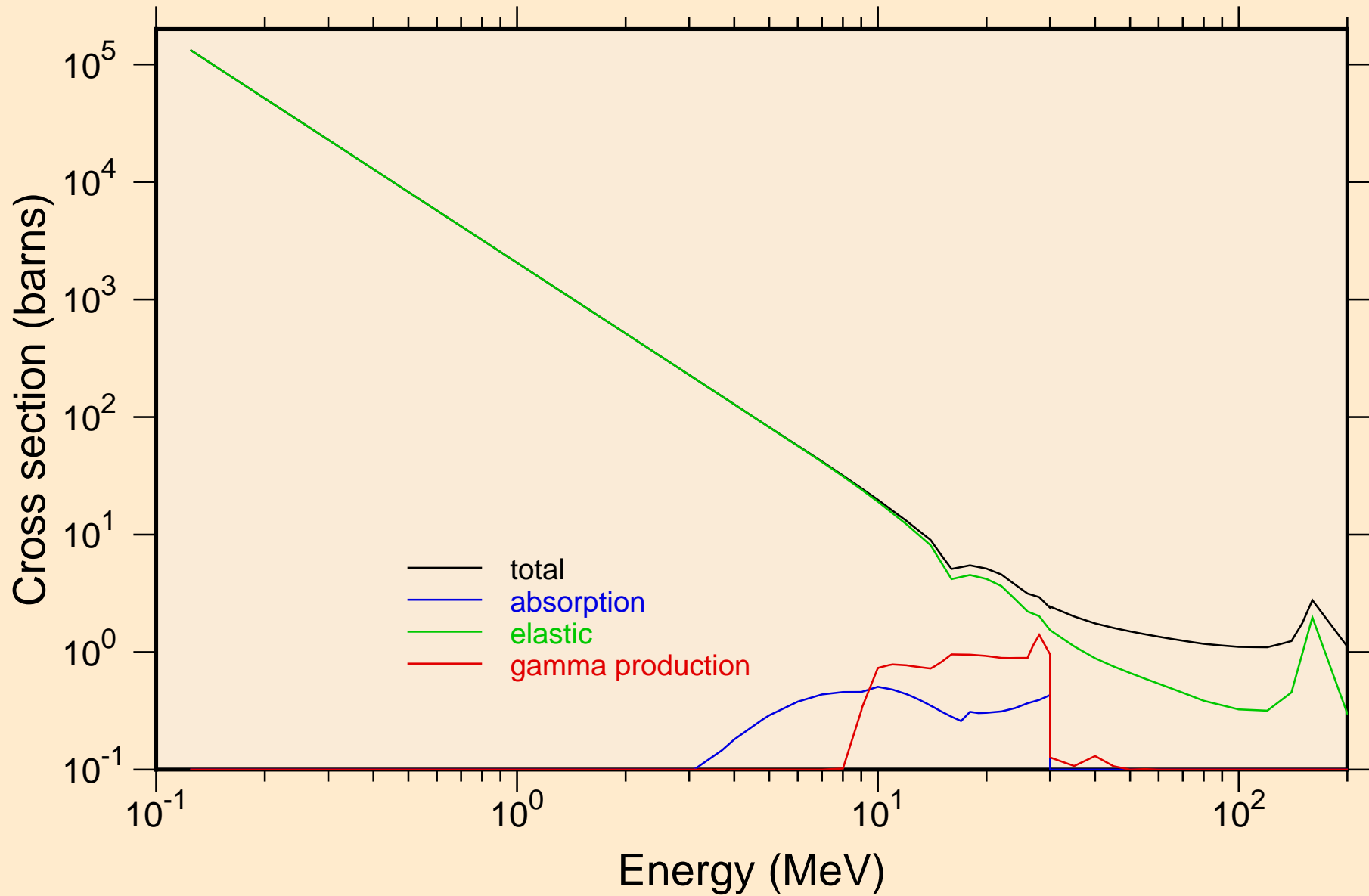
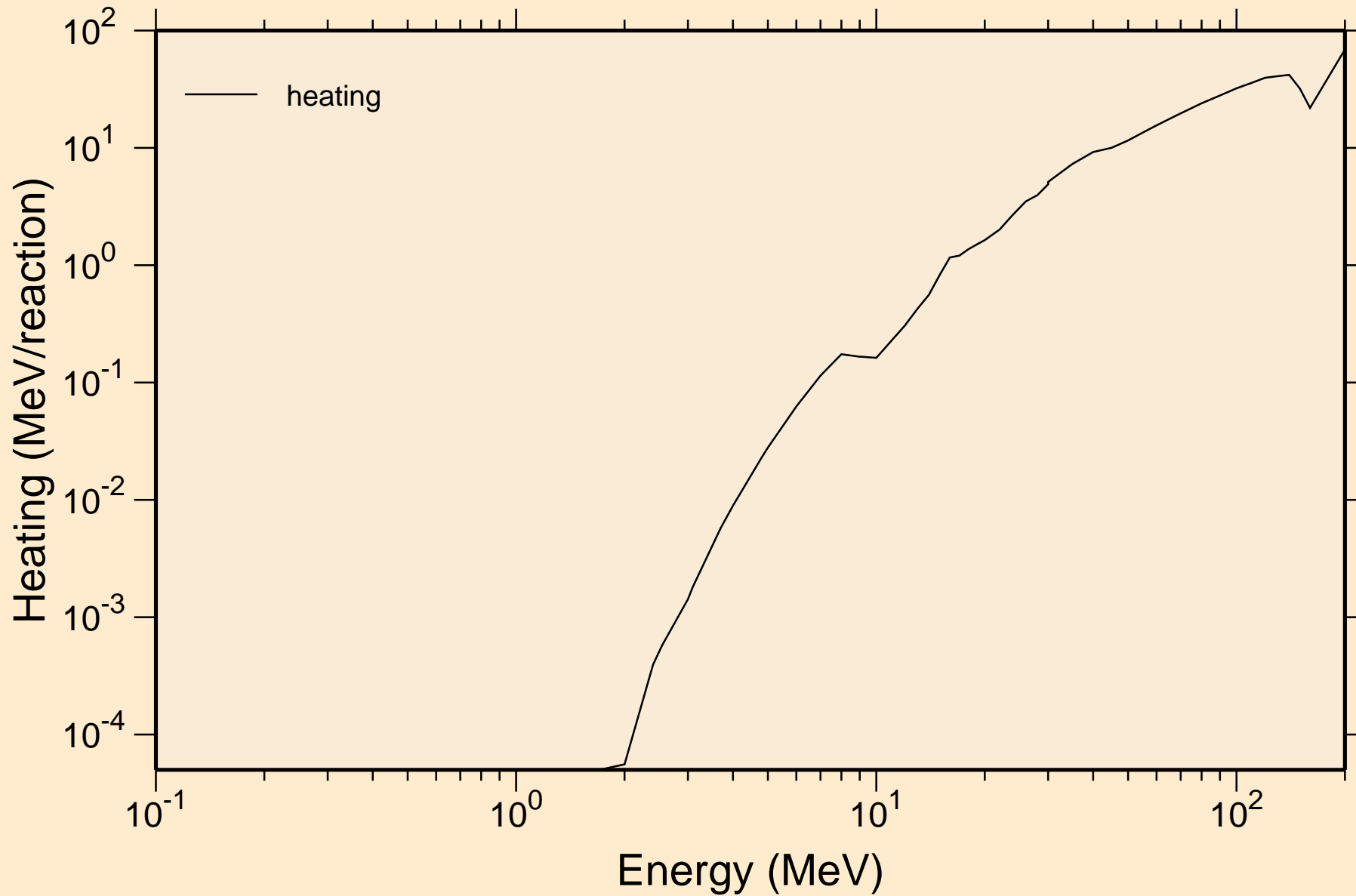


N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



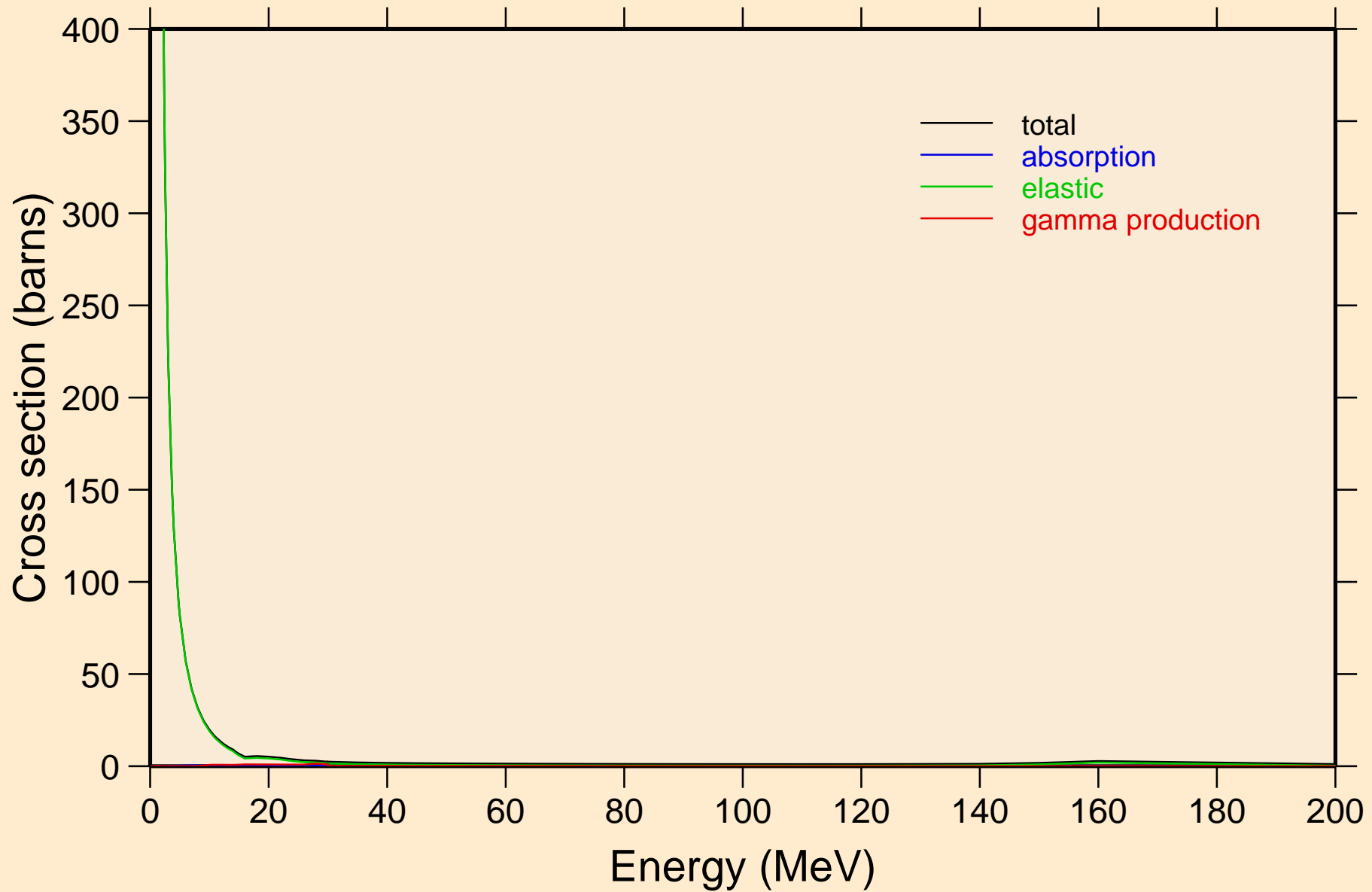
# N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Heating



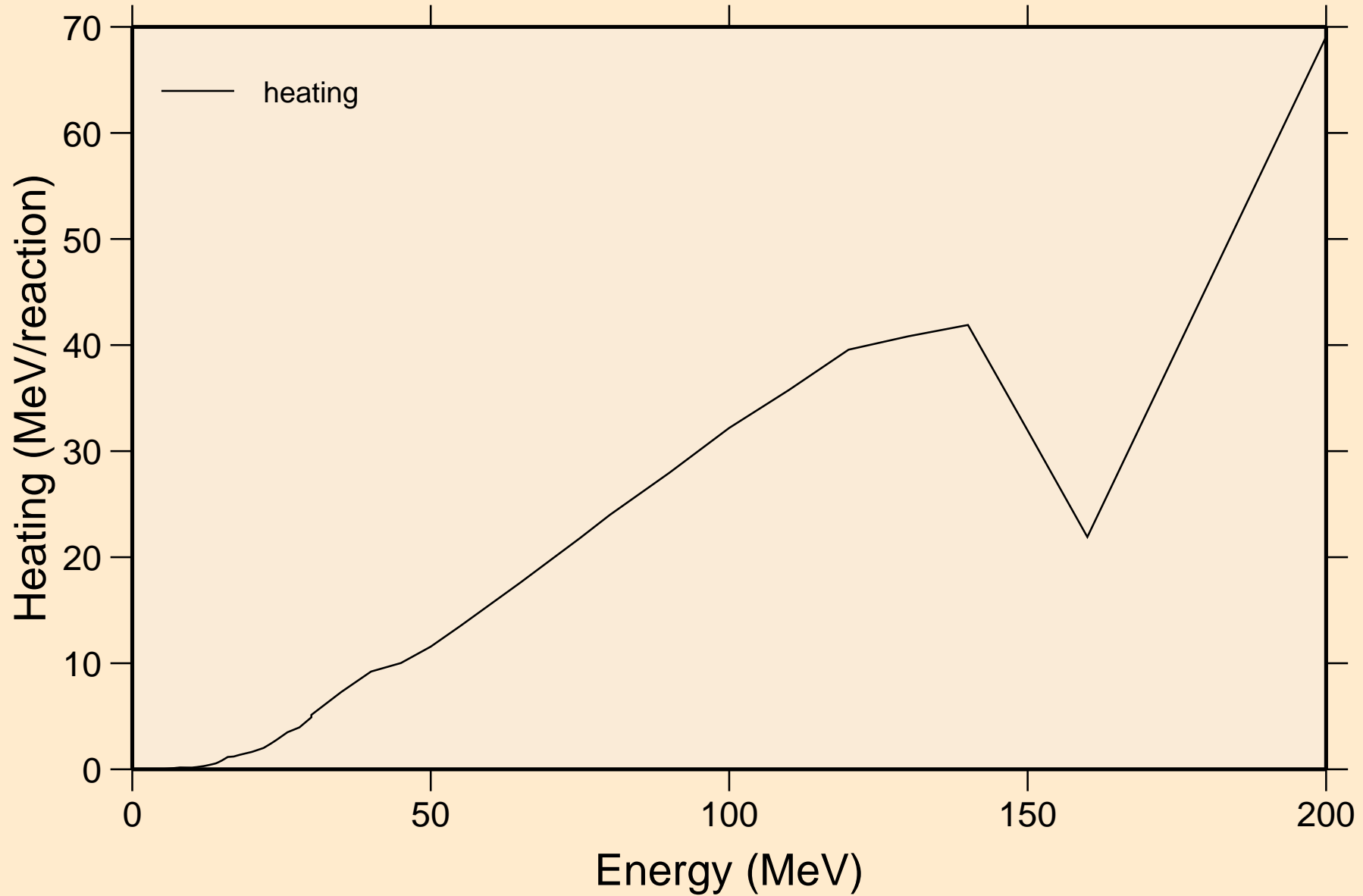
# N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

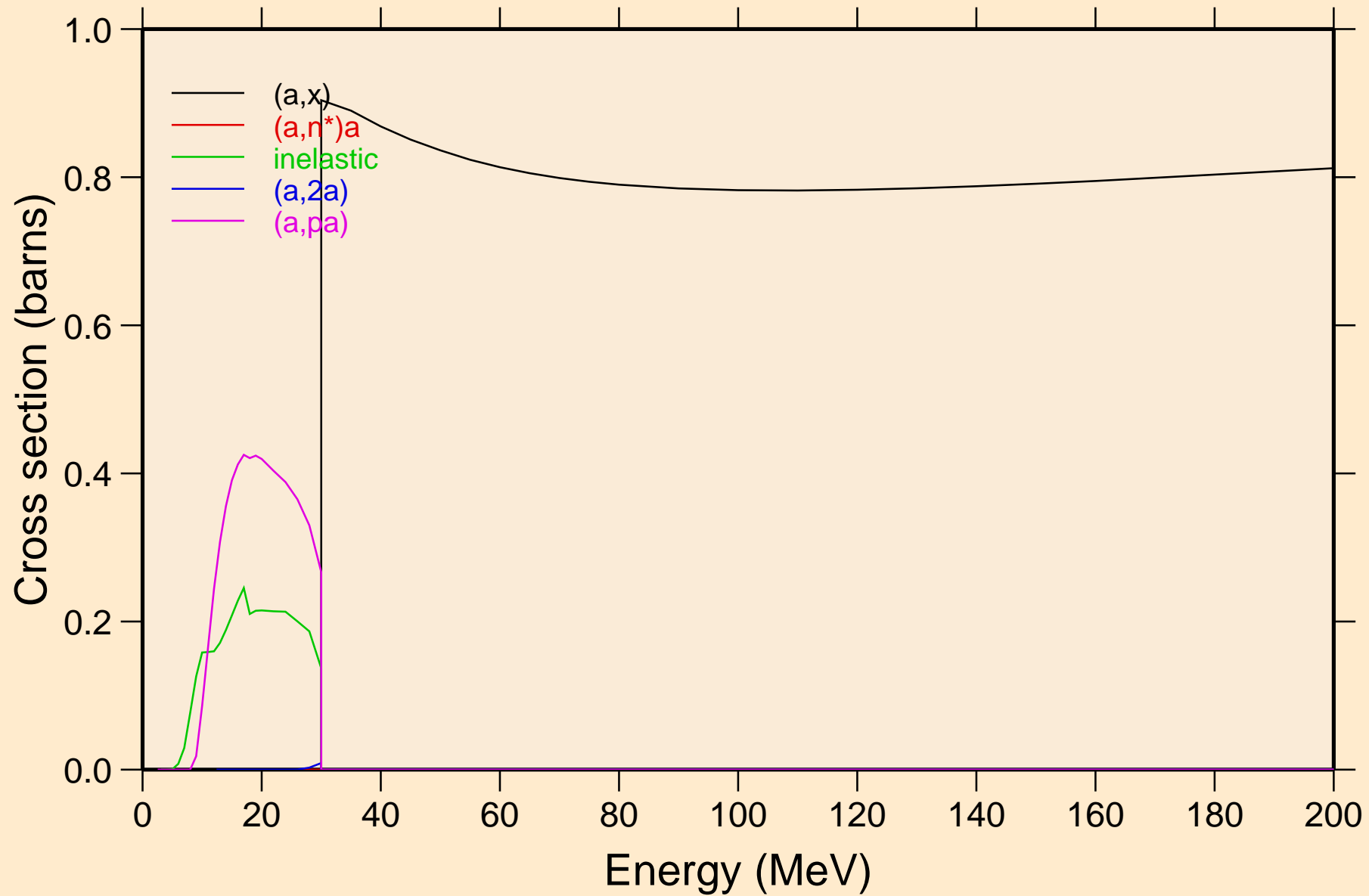


# N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

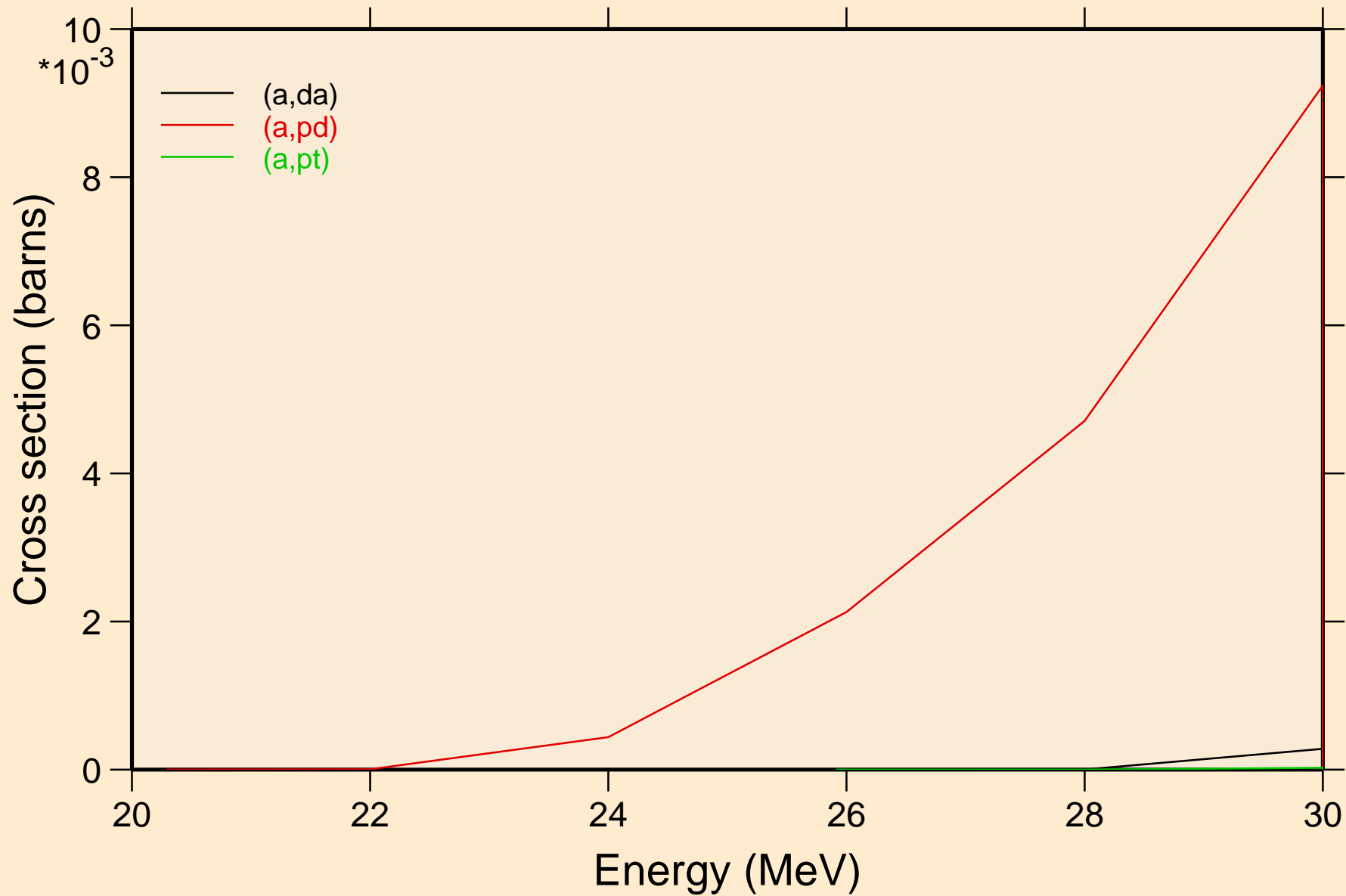
## Heating



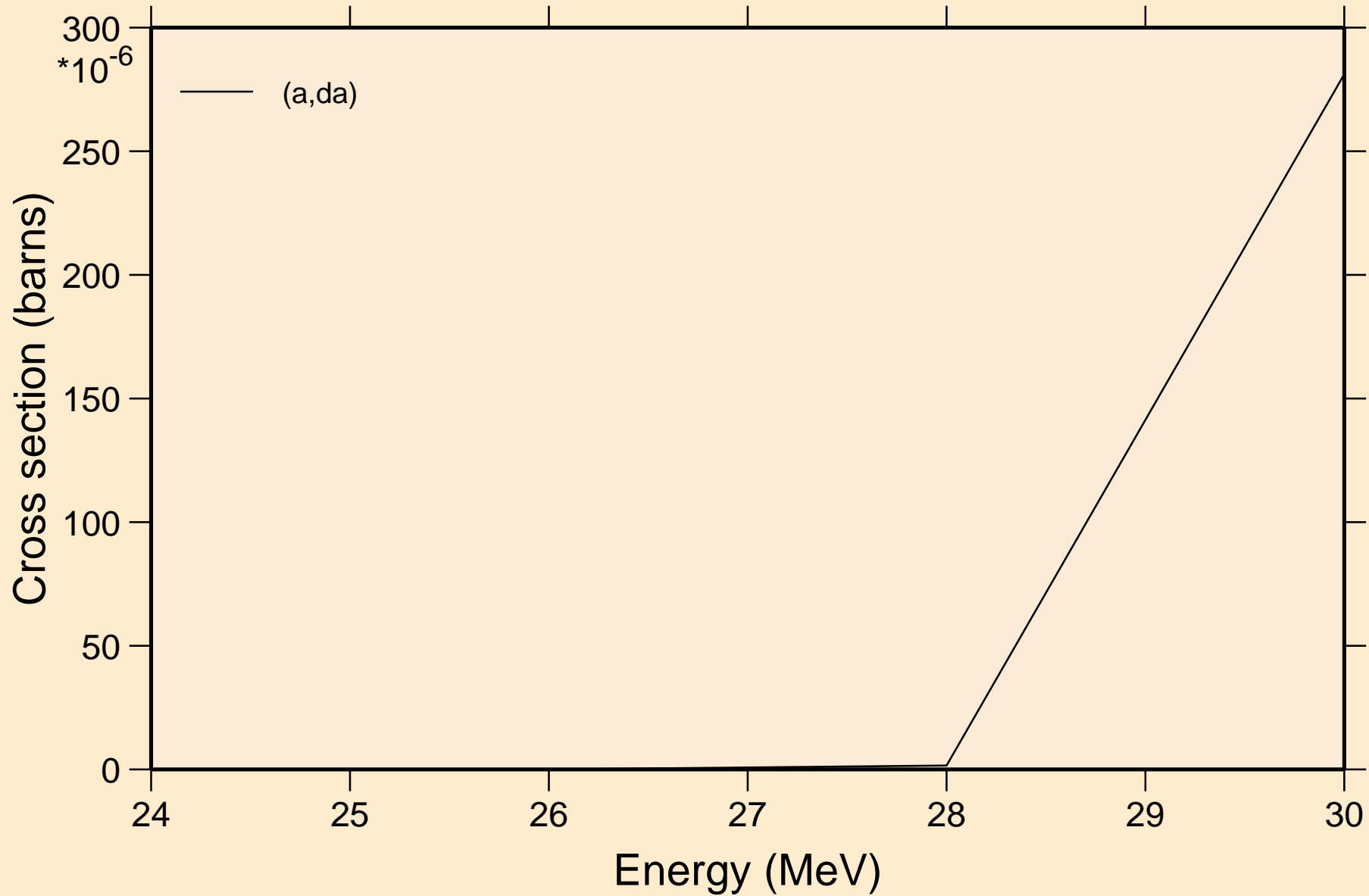
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



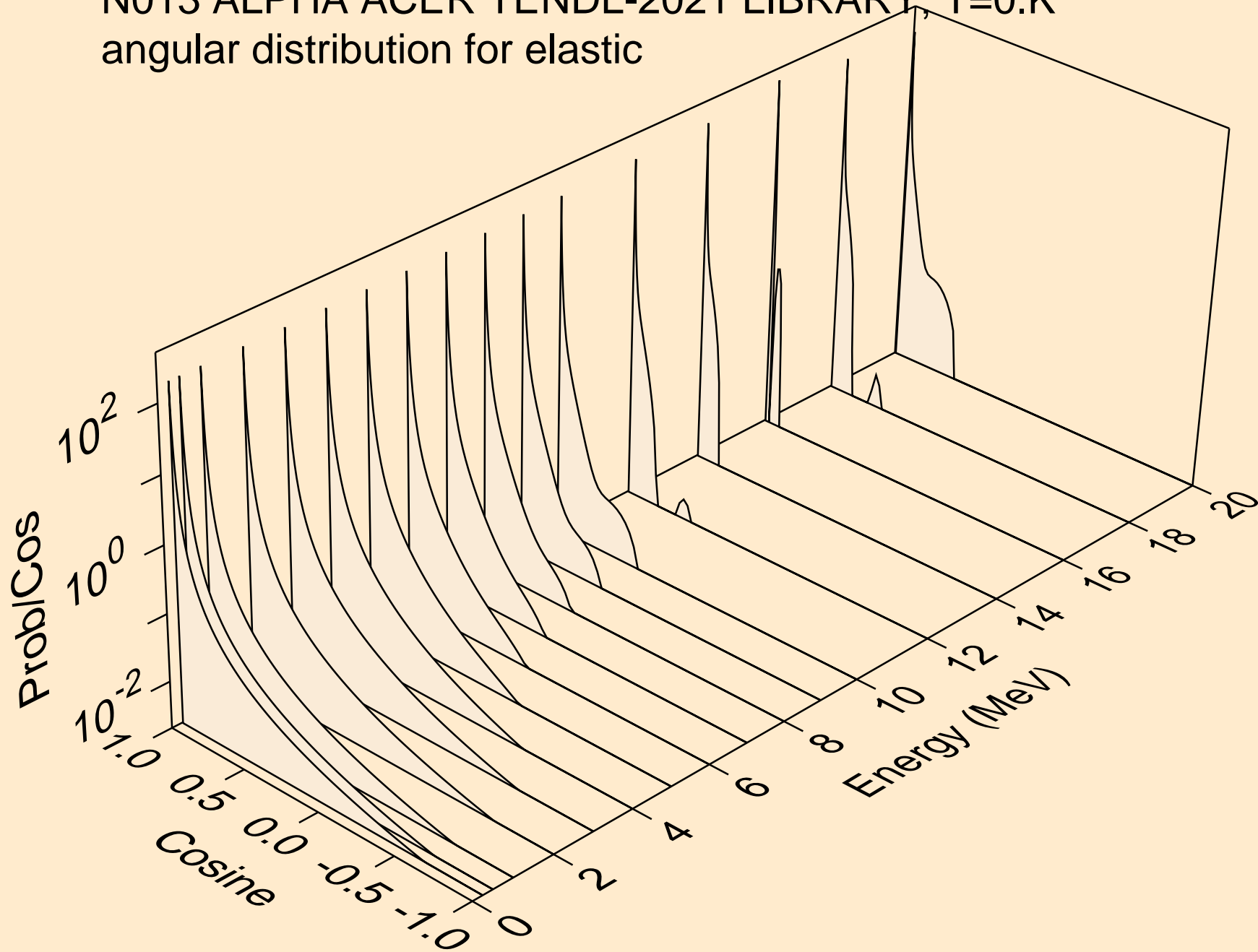
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

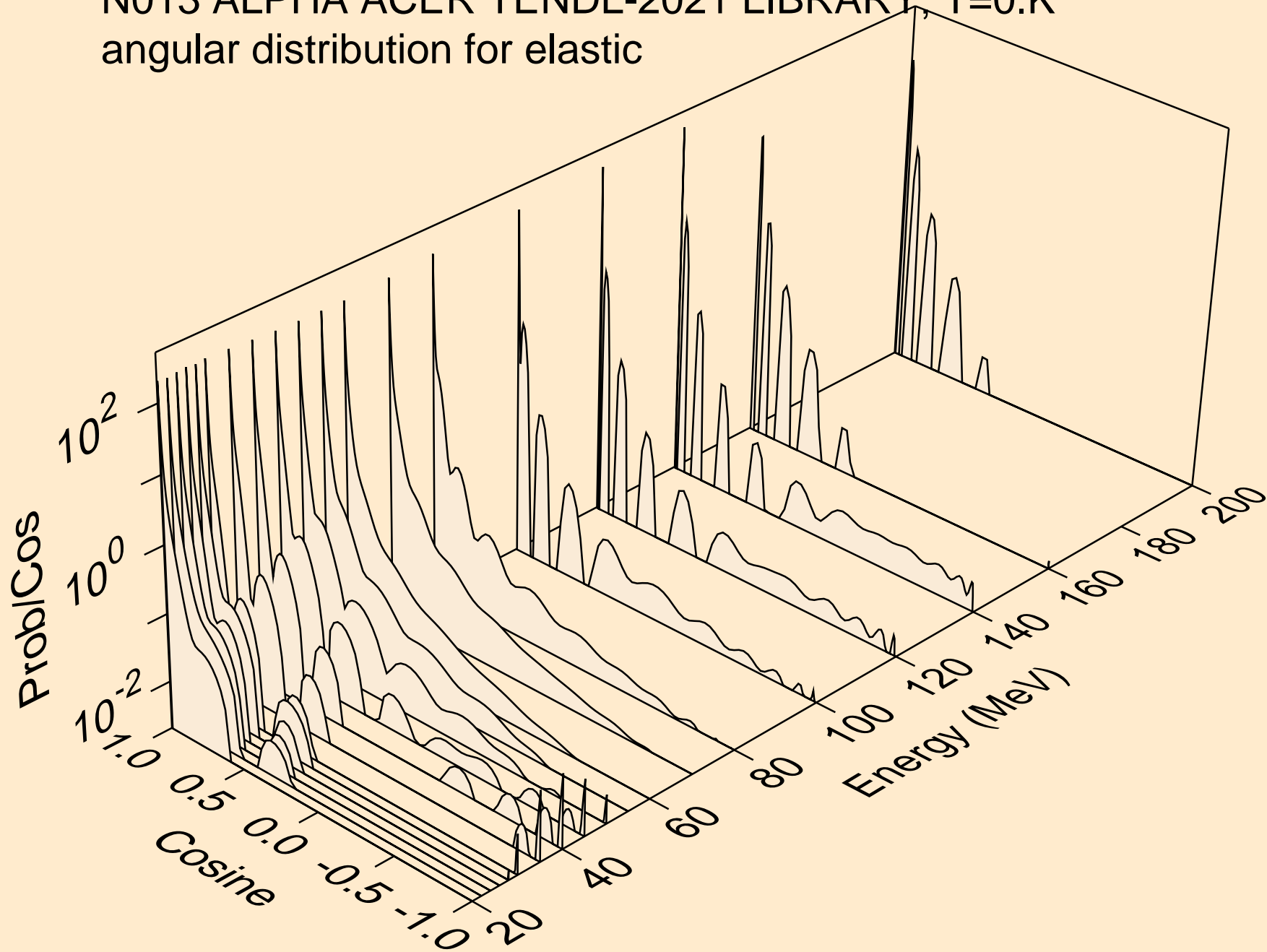


N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

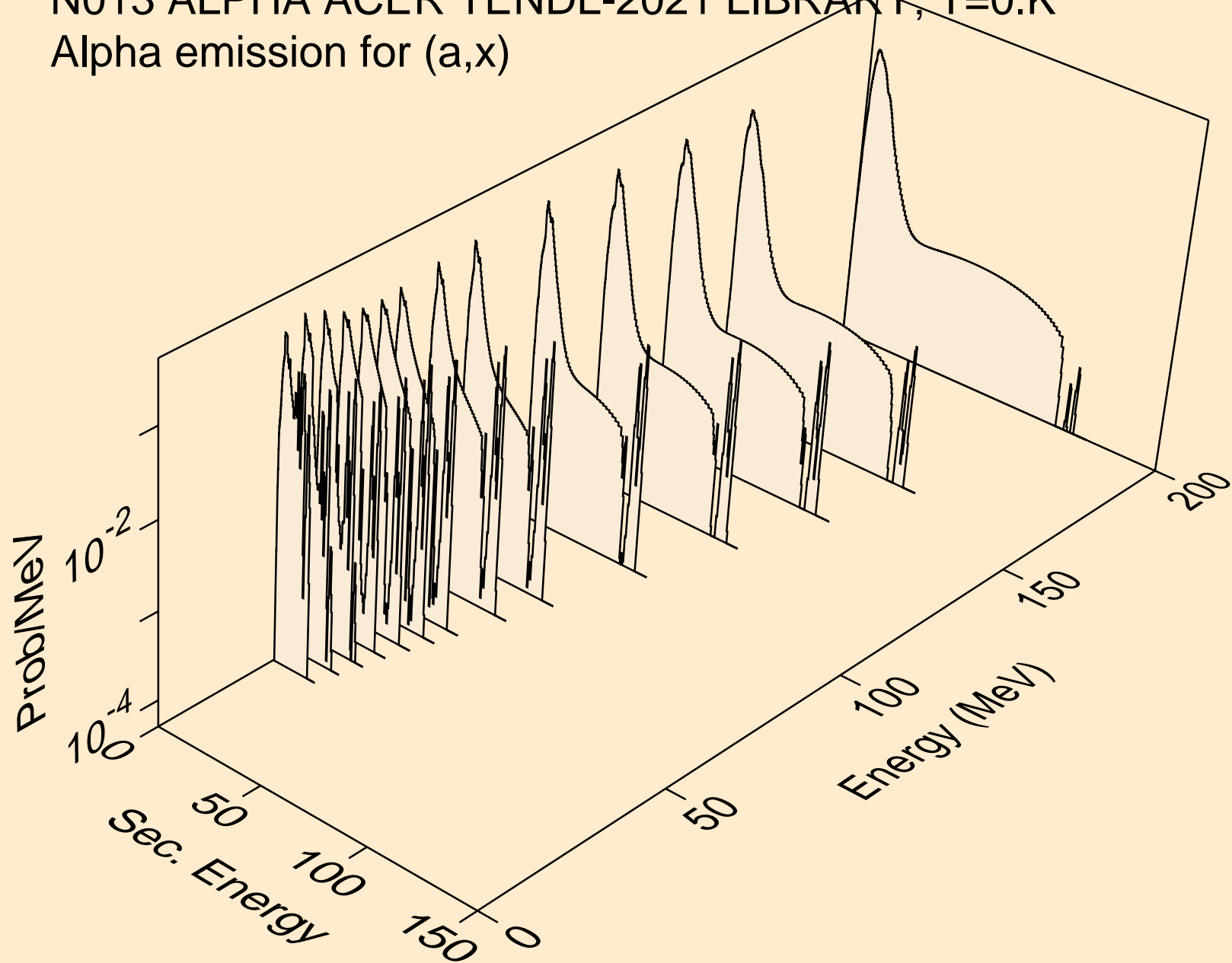




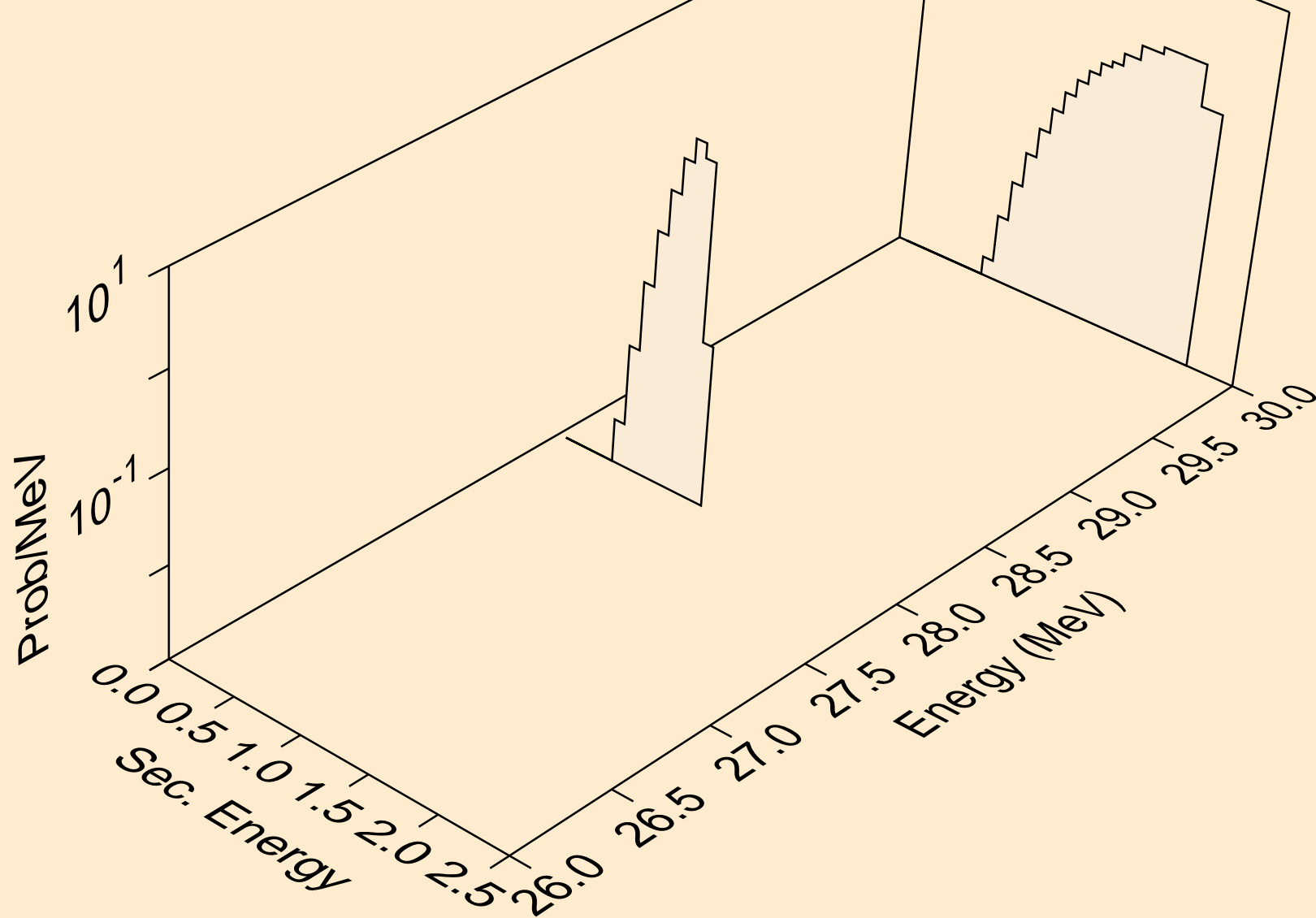
N013 ALPHA ACER TENDL-2021 LIBRARY: T=0.K  
angular distribution for elastic



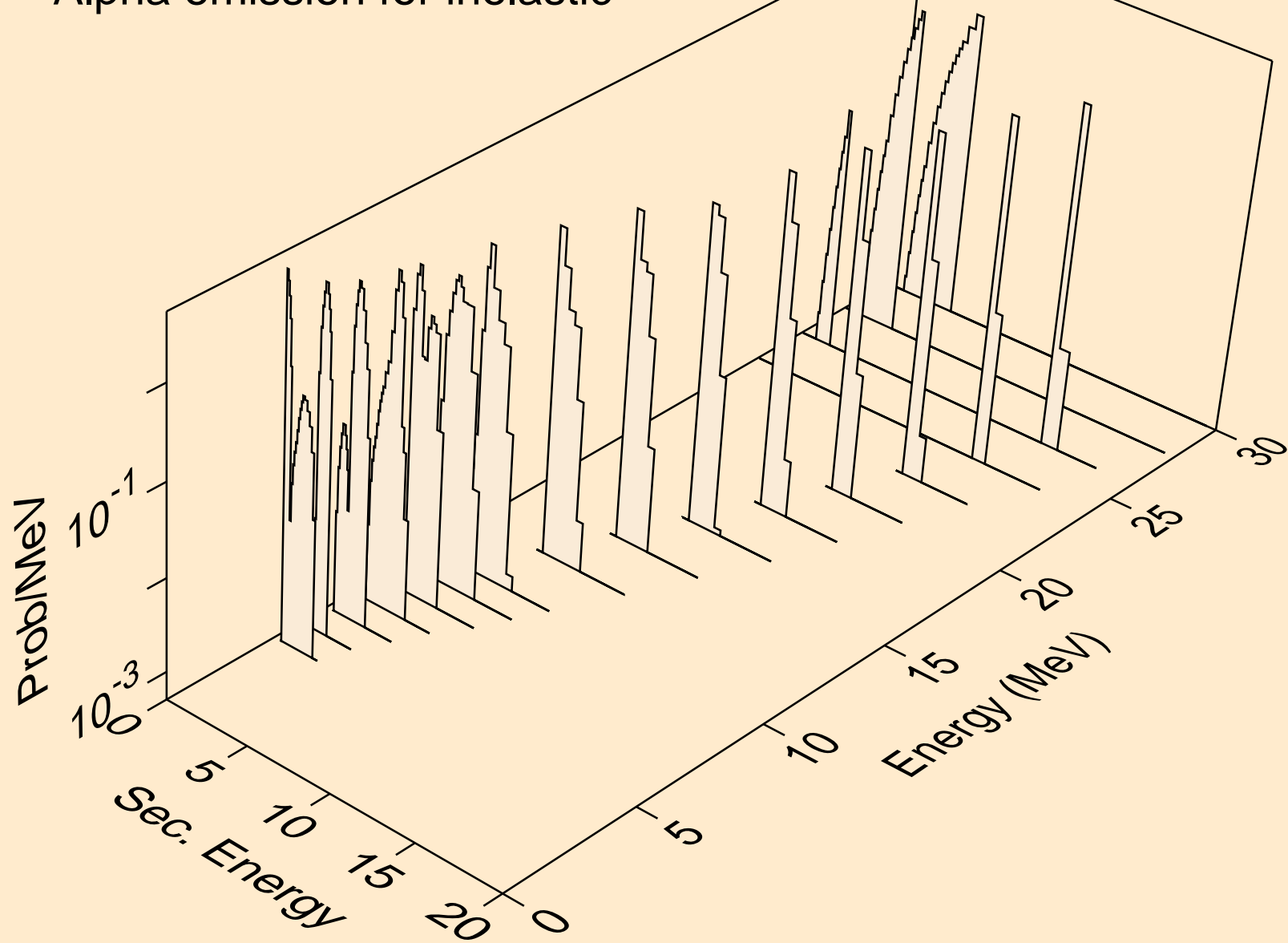
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



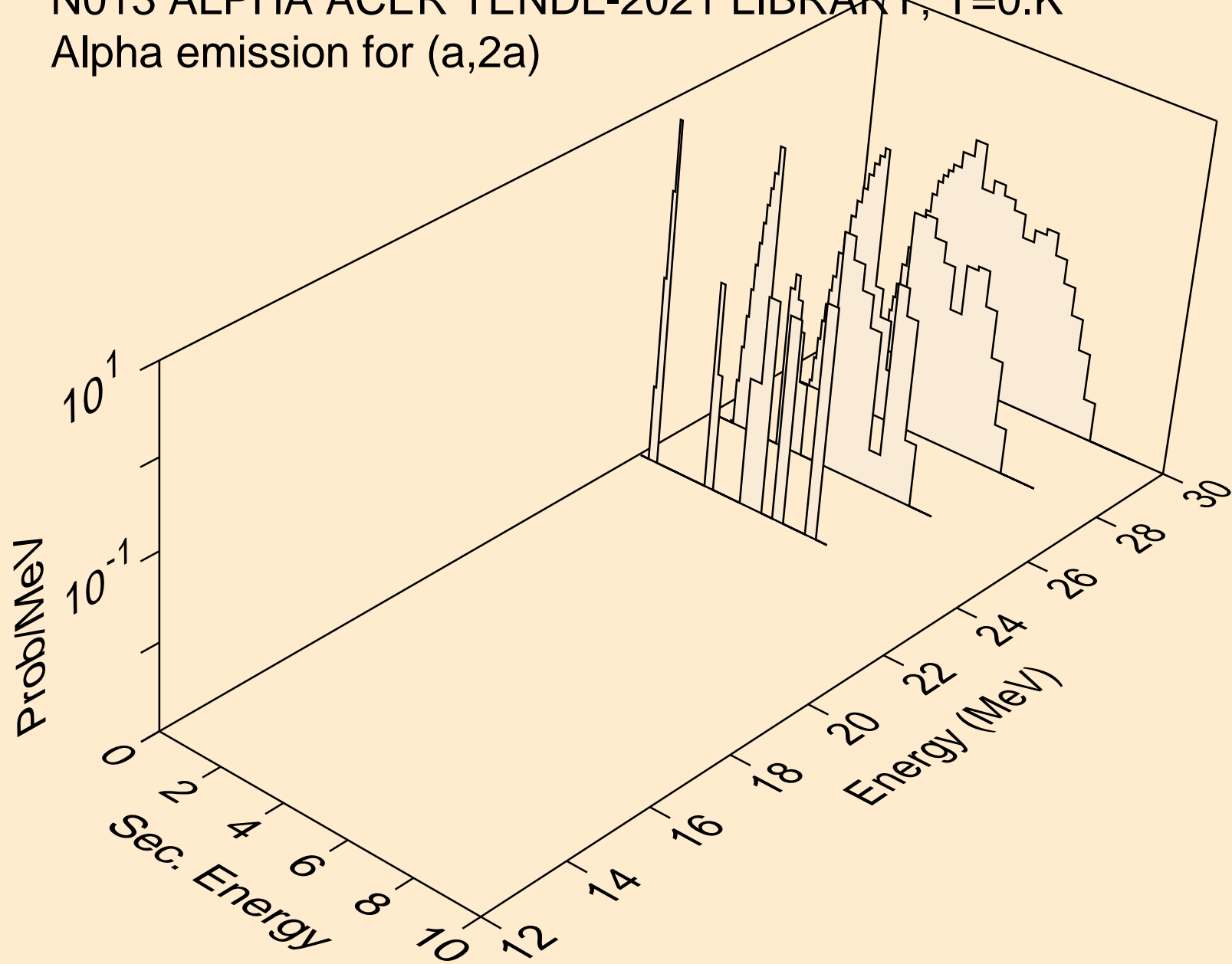
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



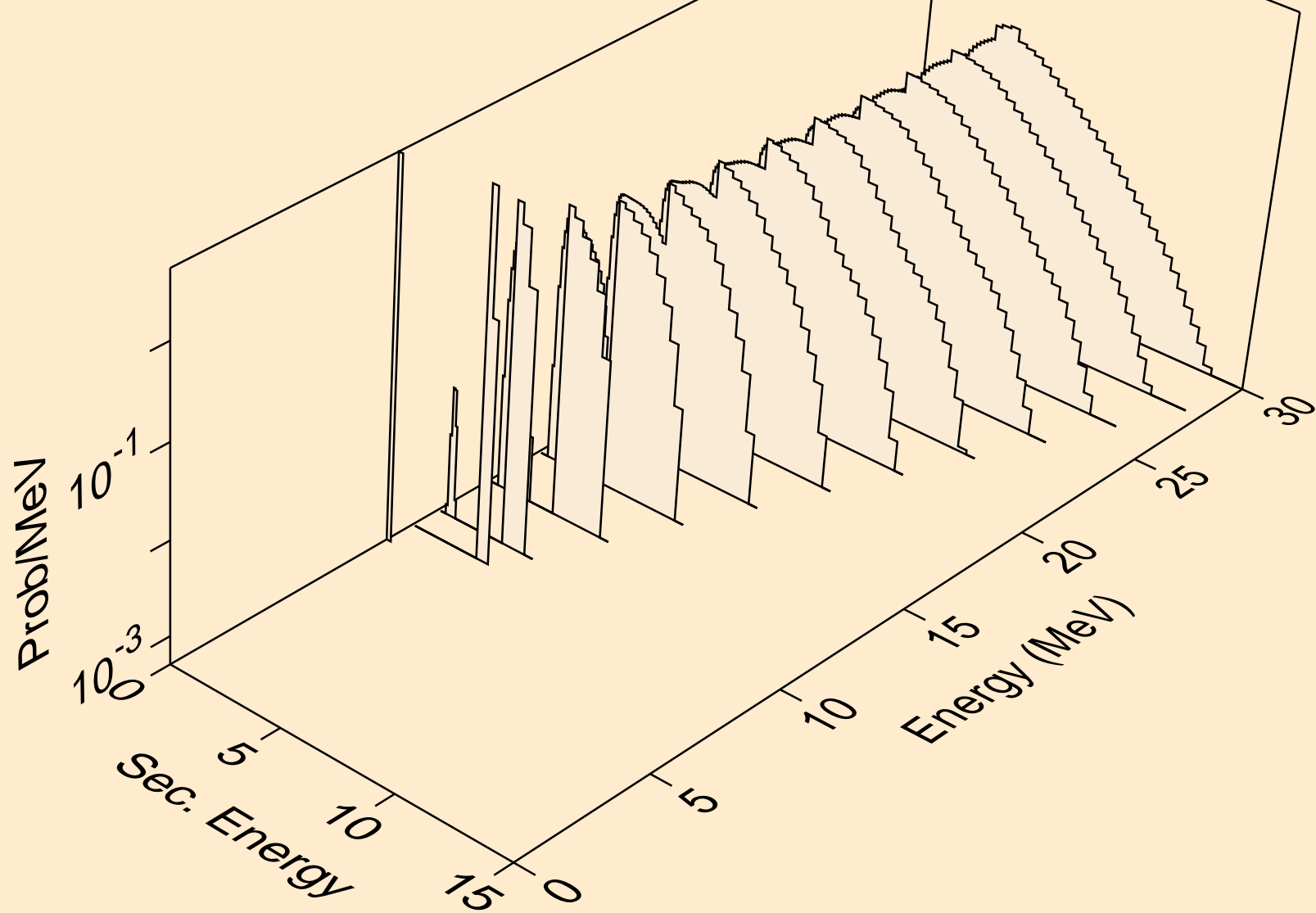
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



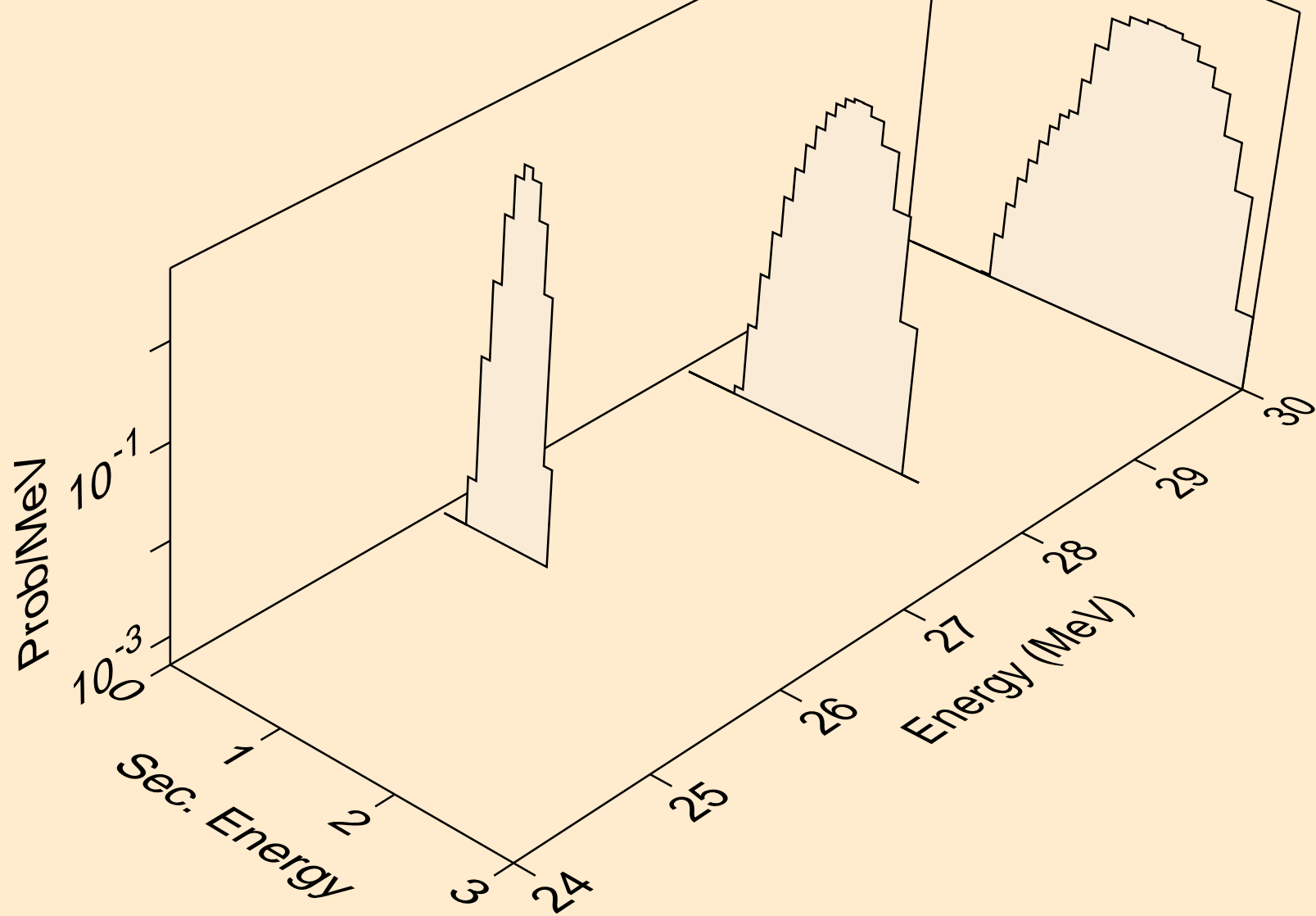
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



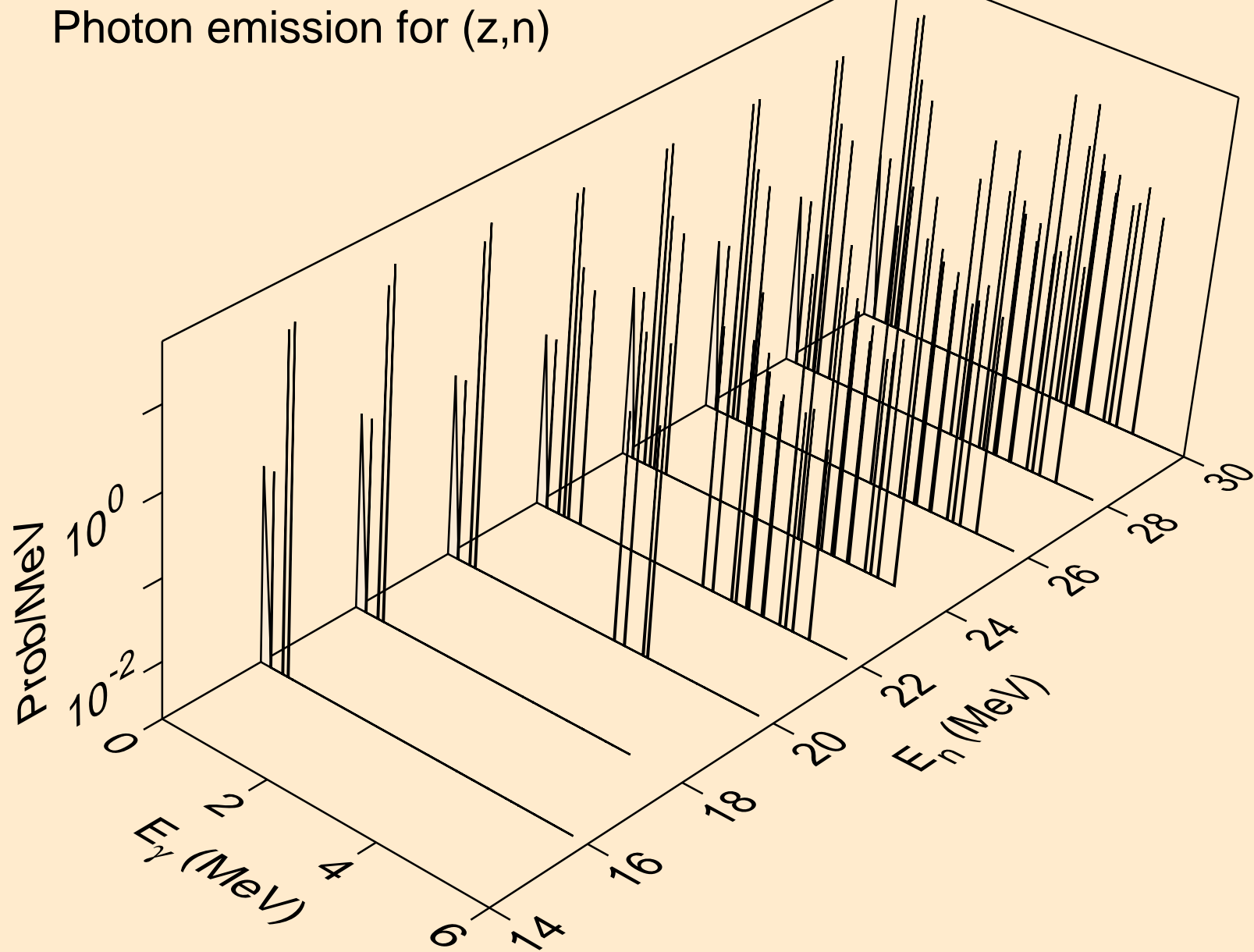
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)



N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)

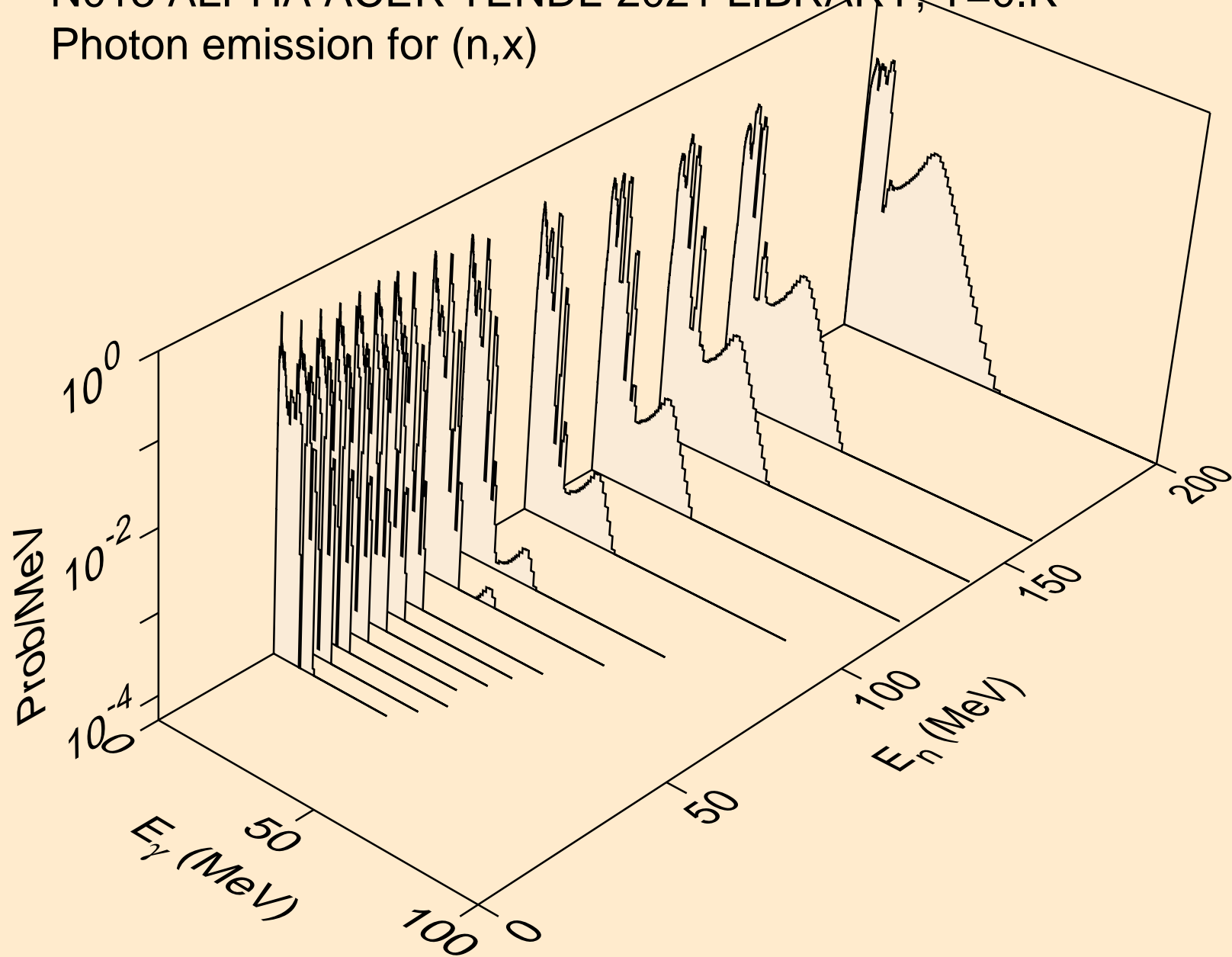


N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

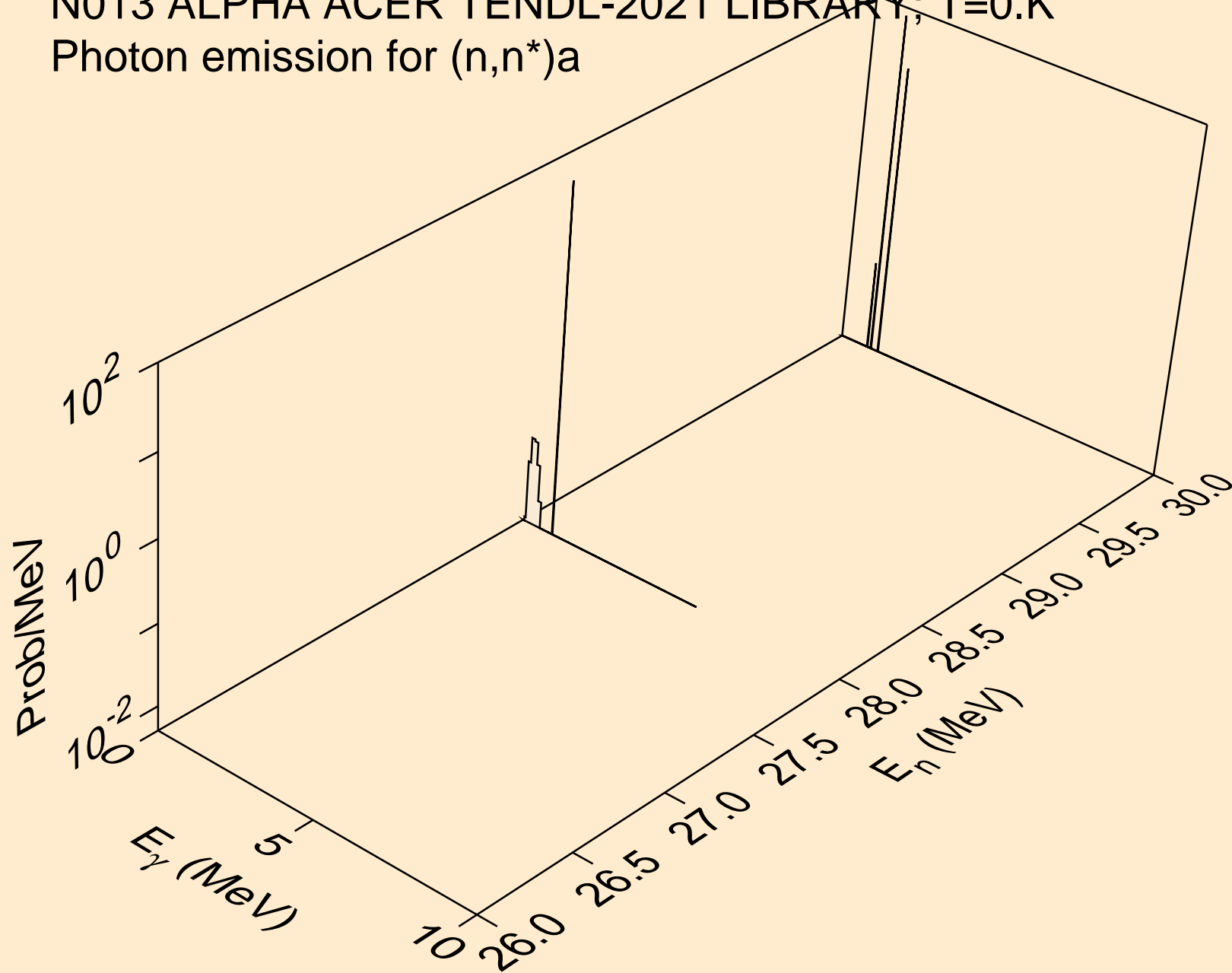




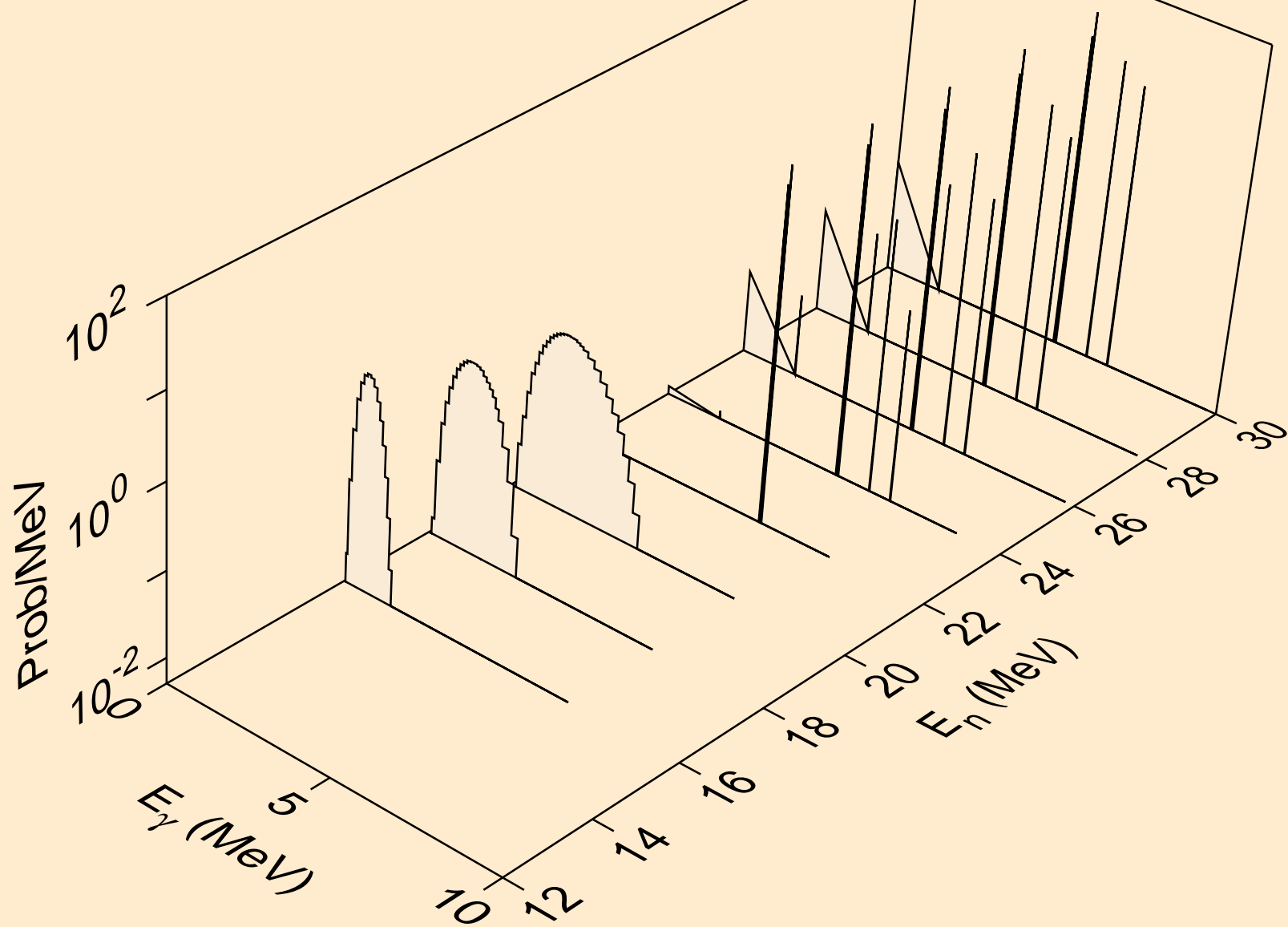
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



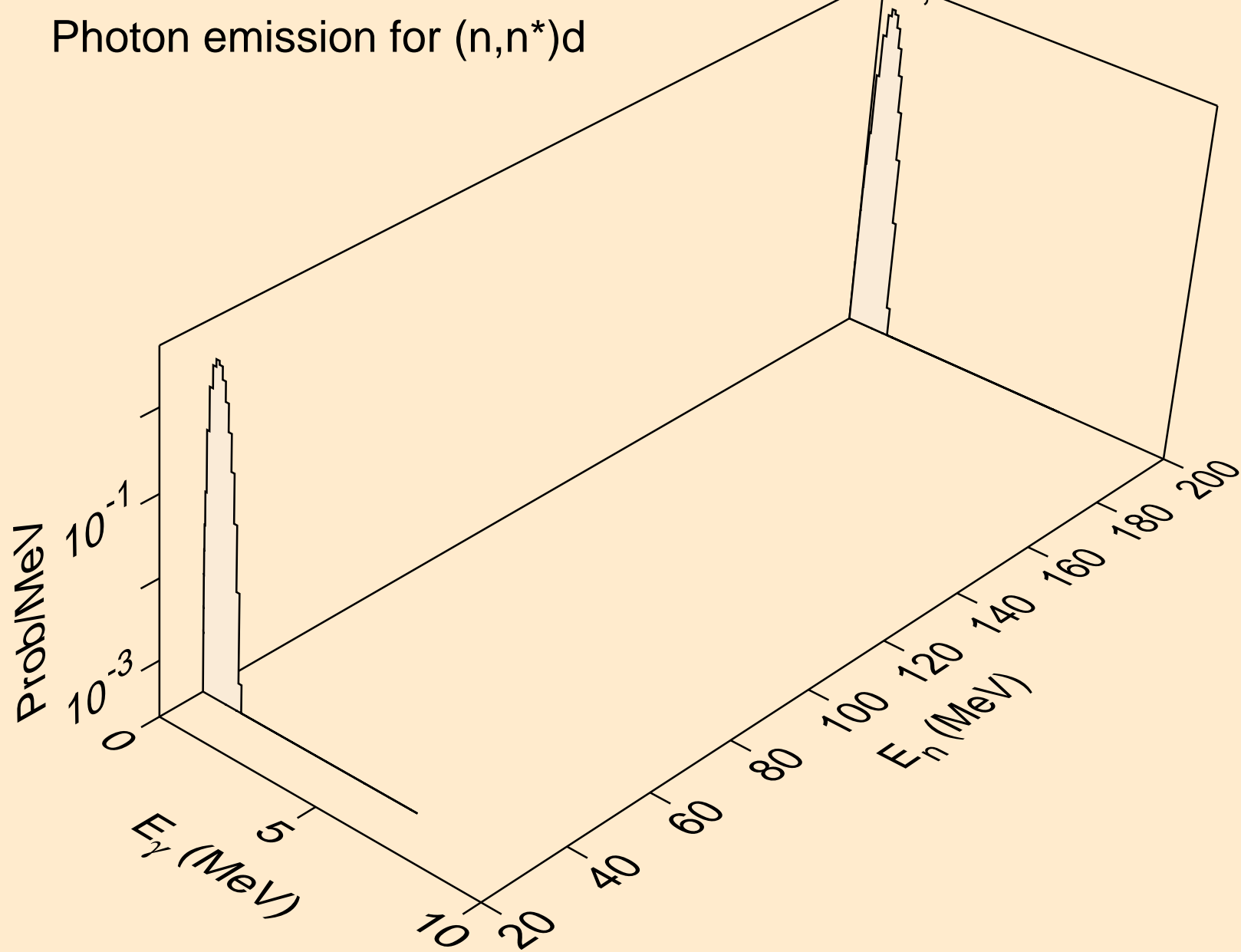
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



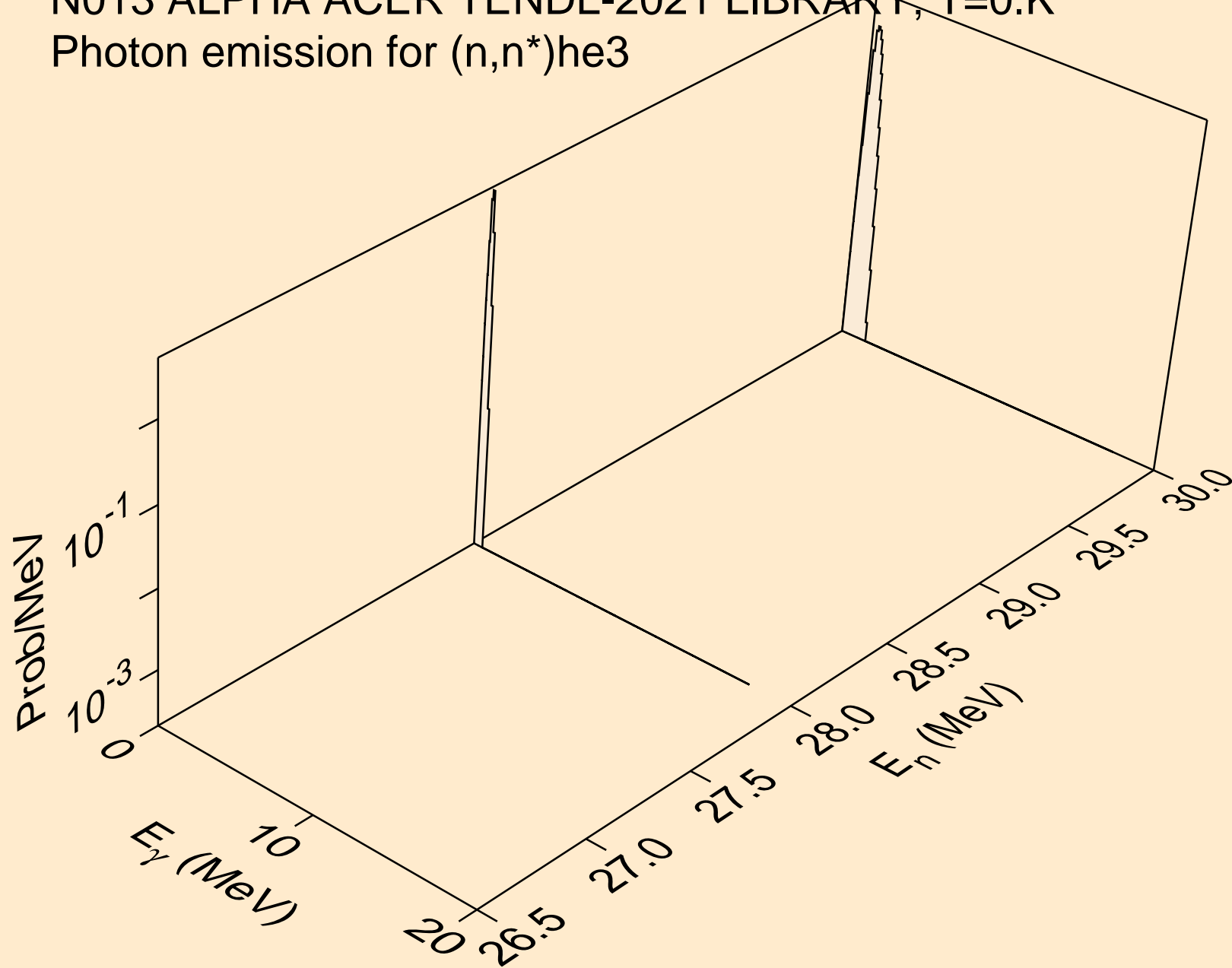
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



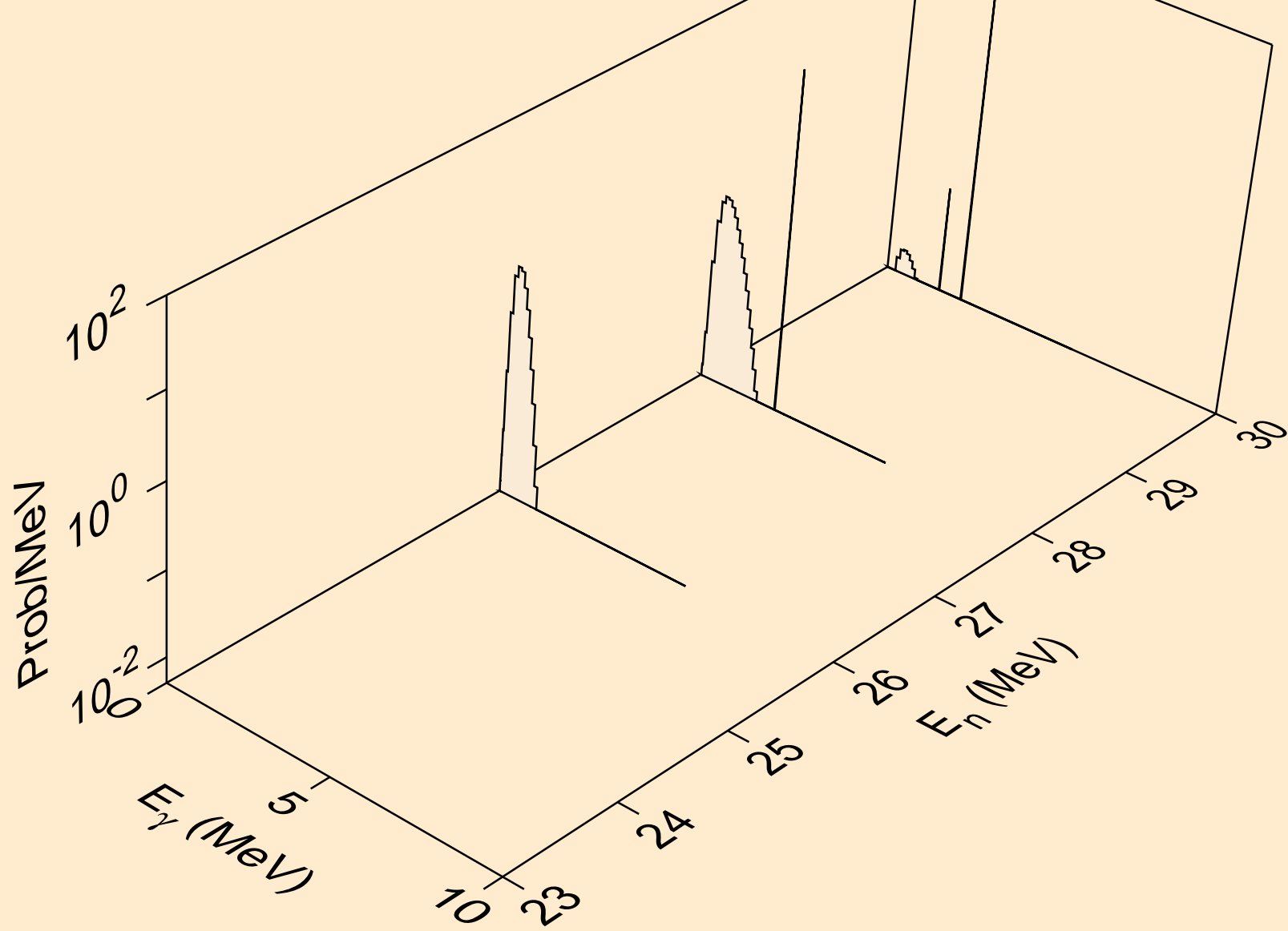
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



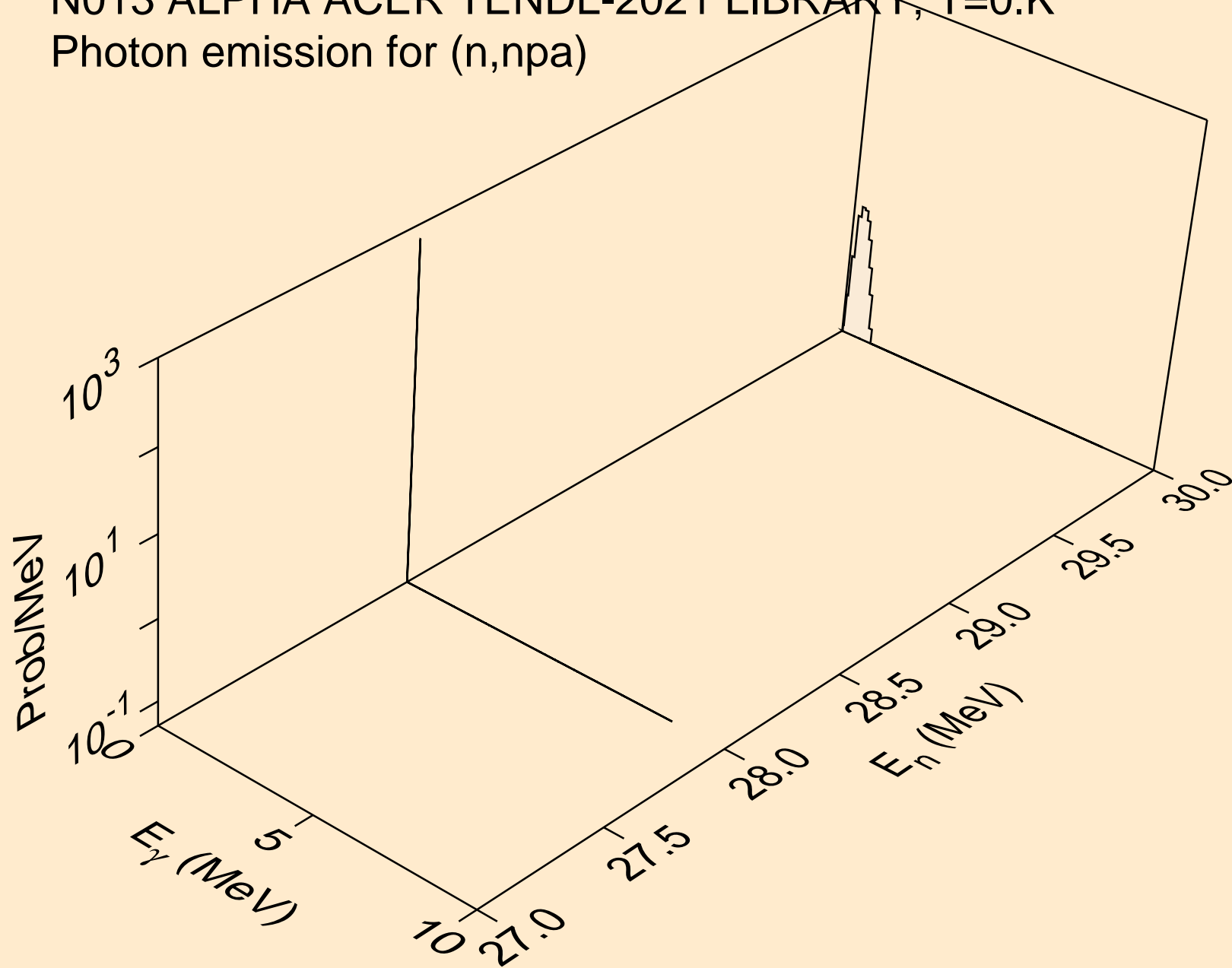
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



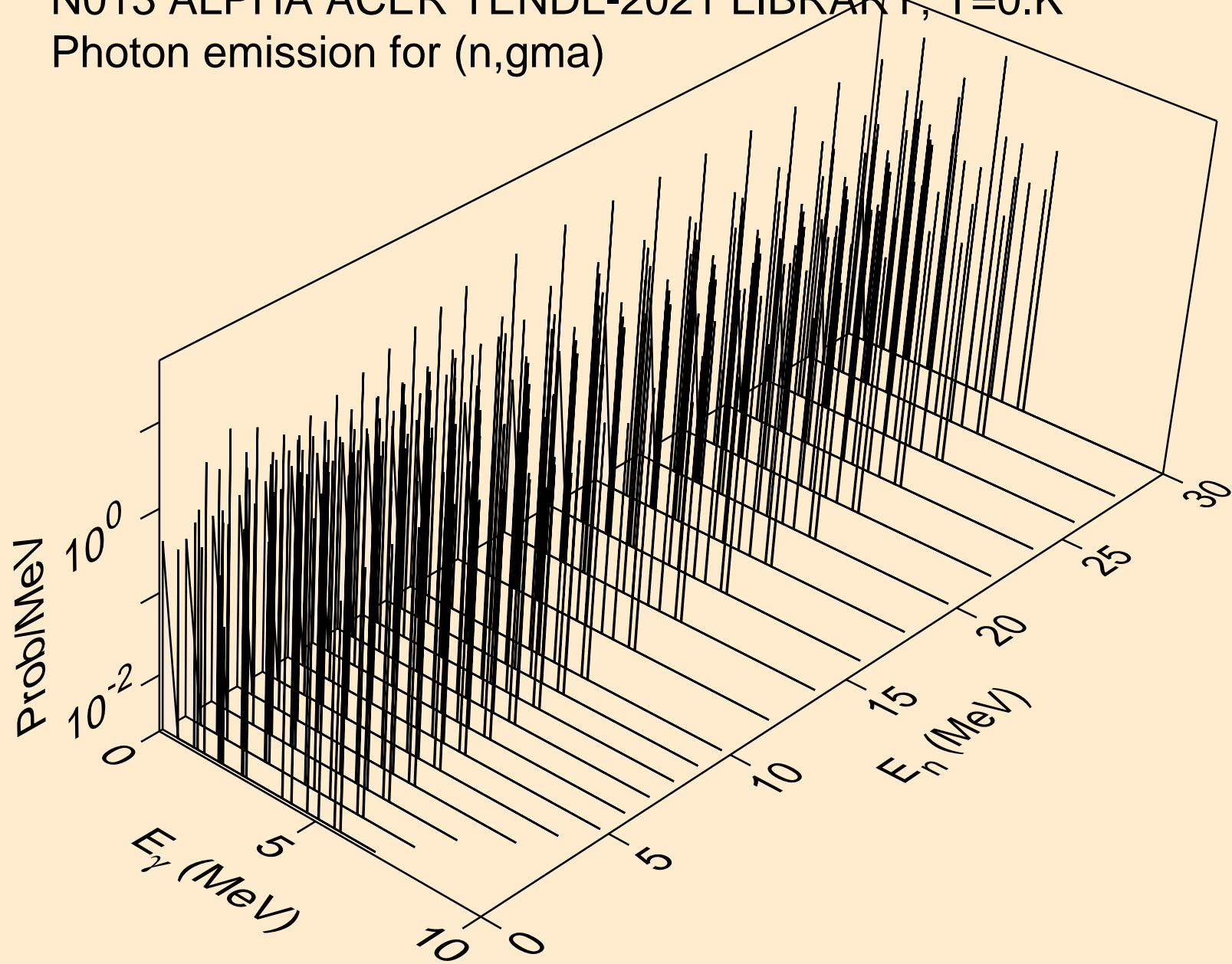
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

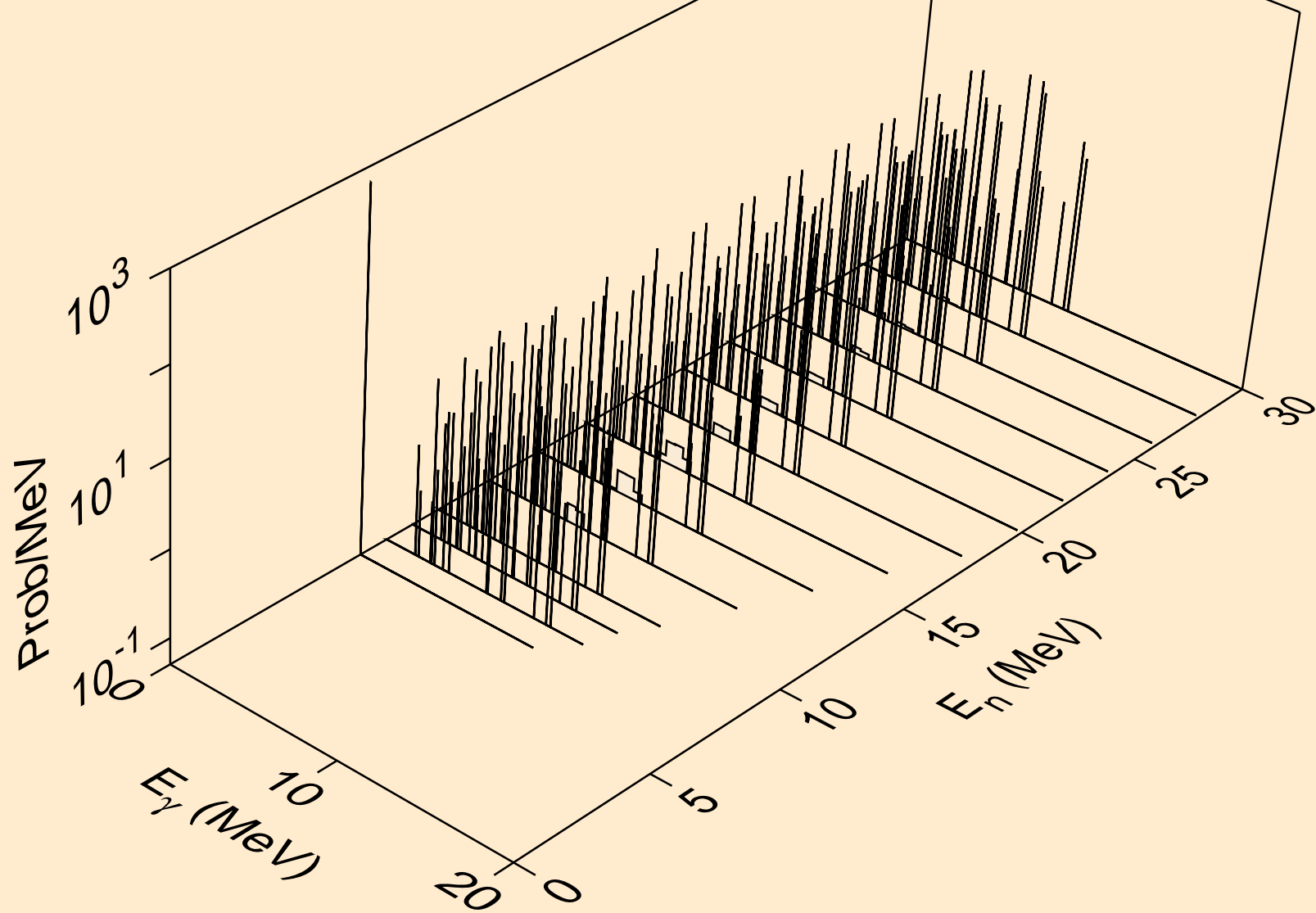


N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)

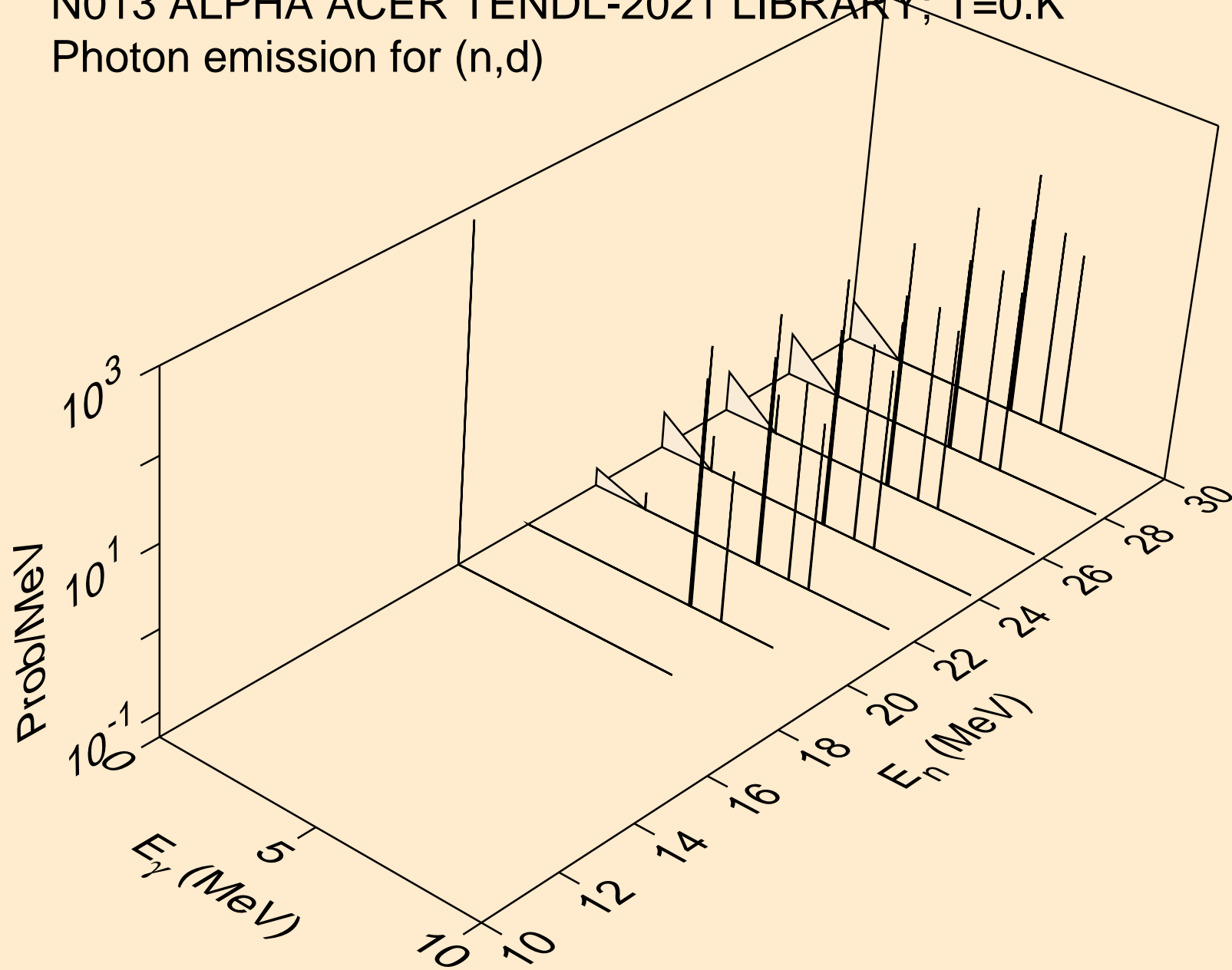




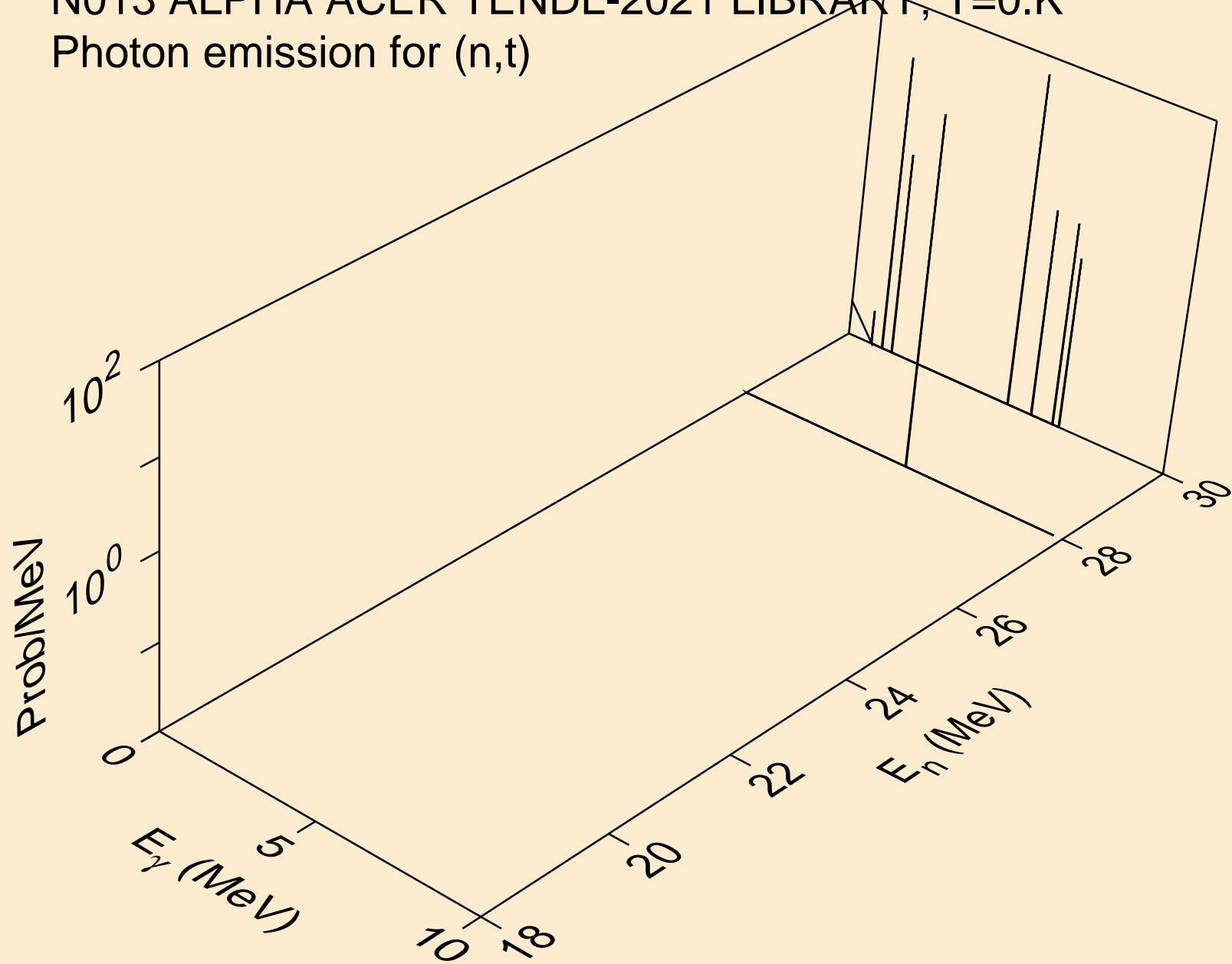
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



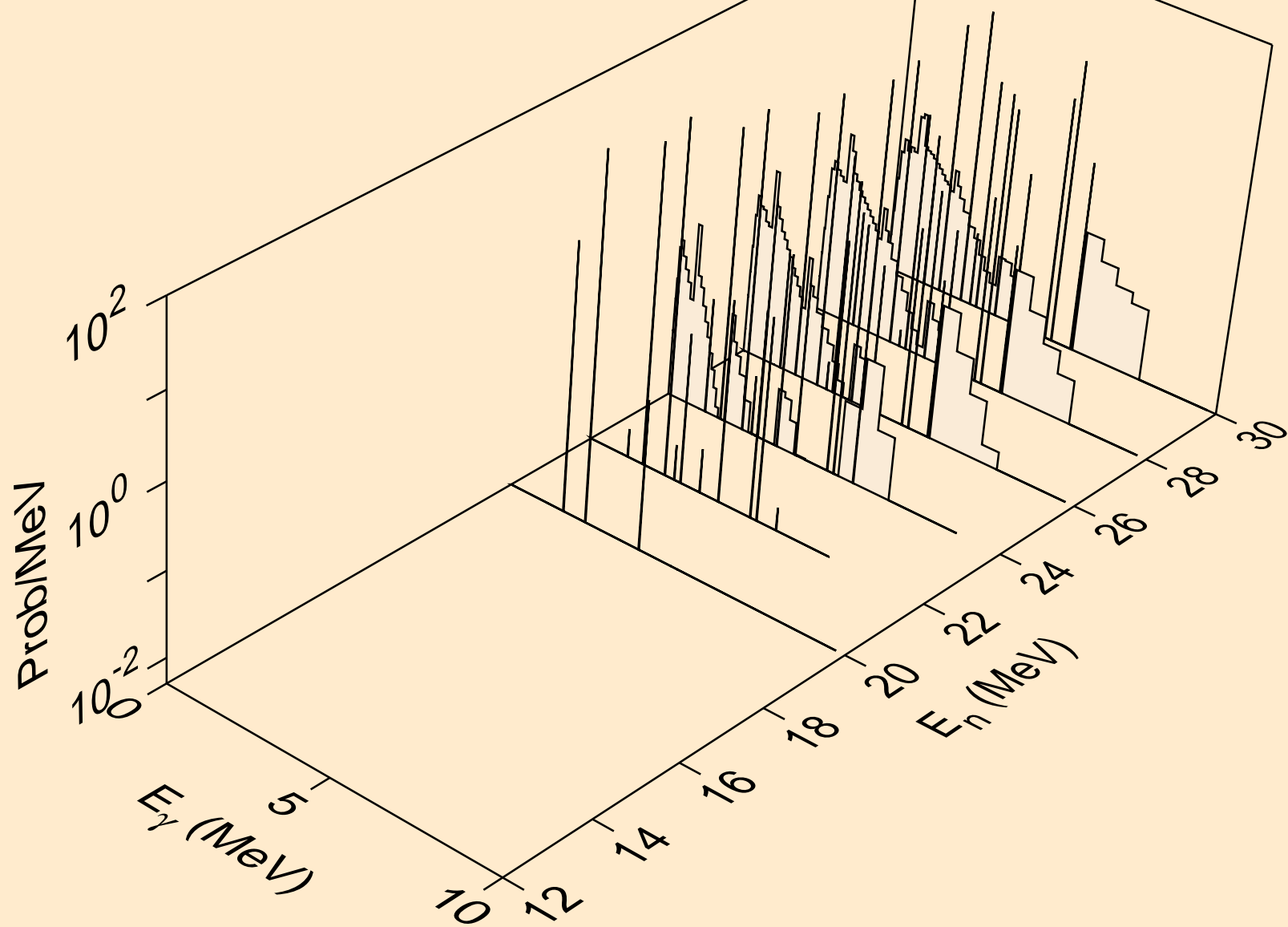
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



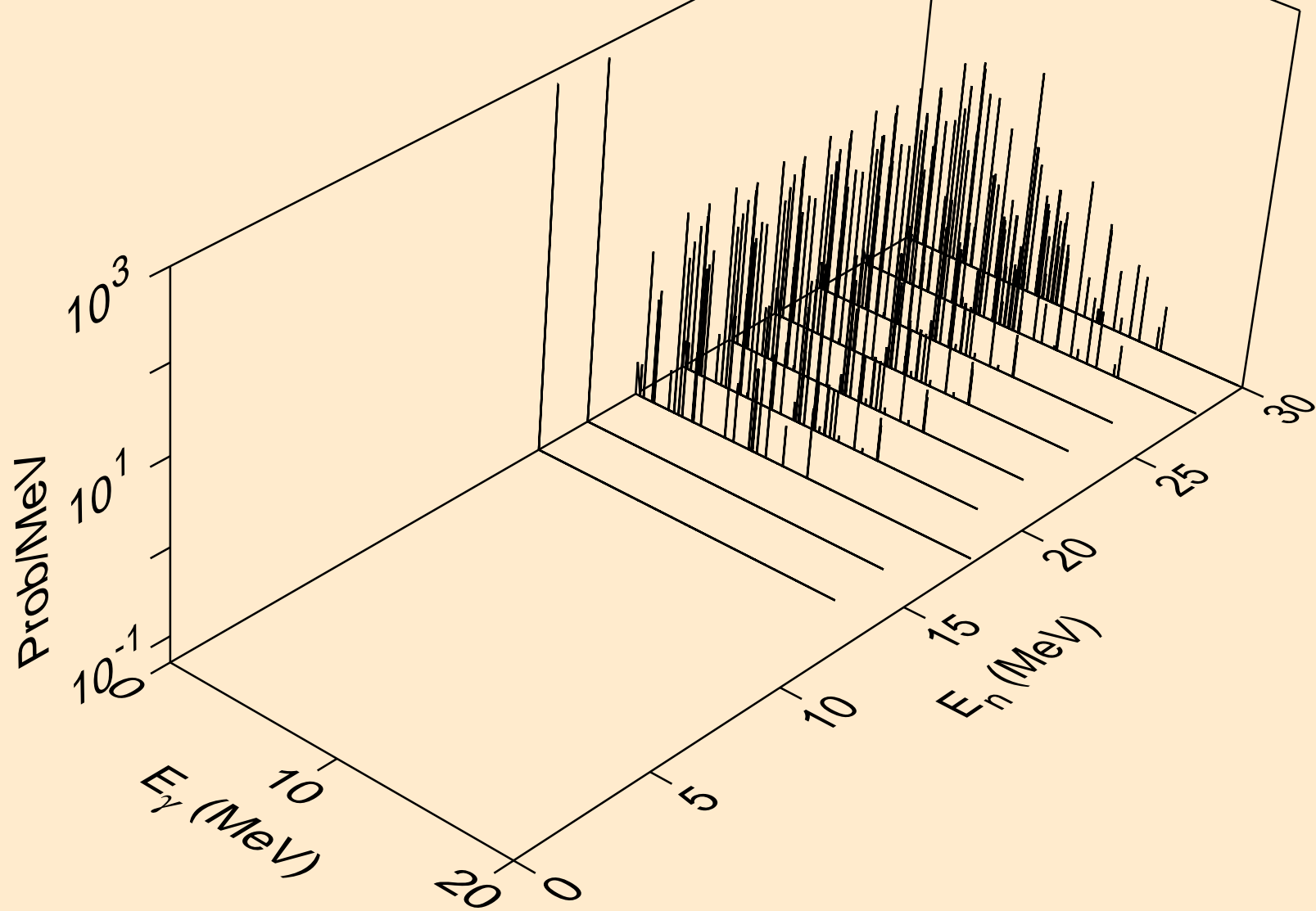
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



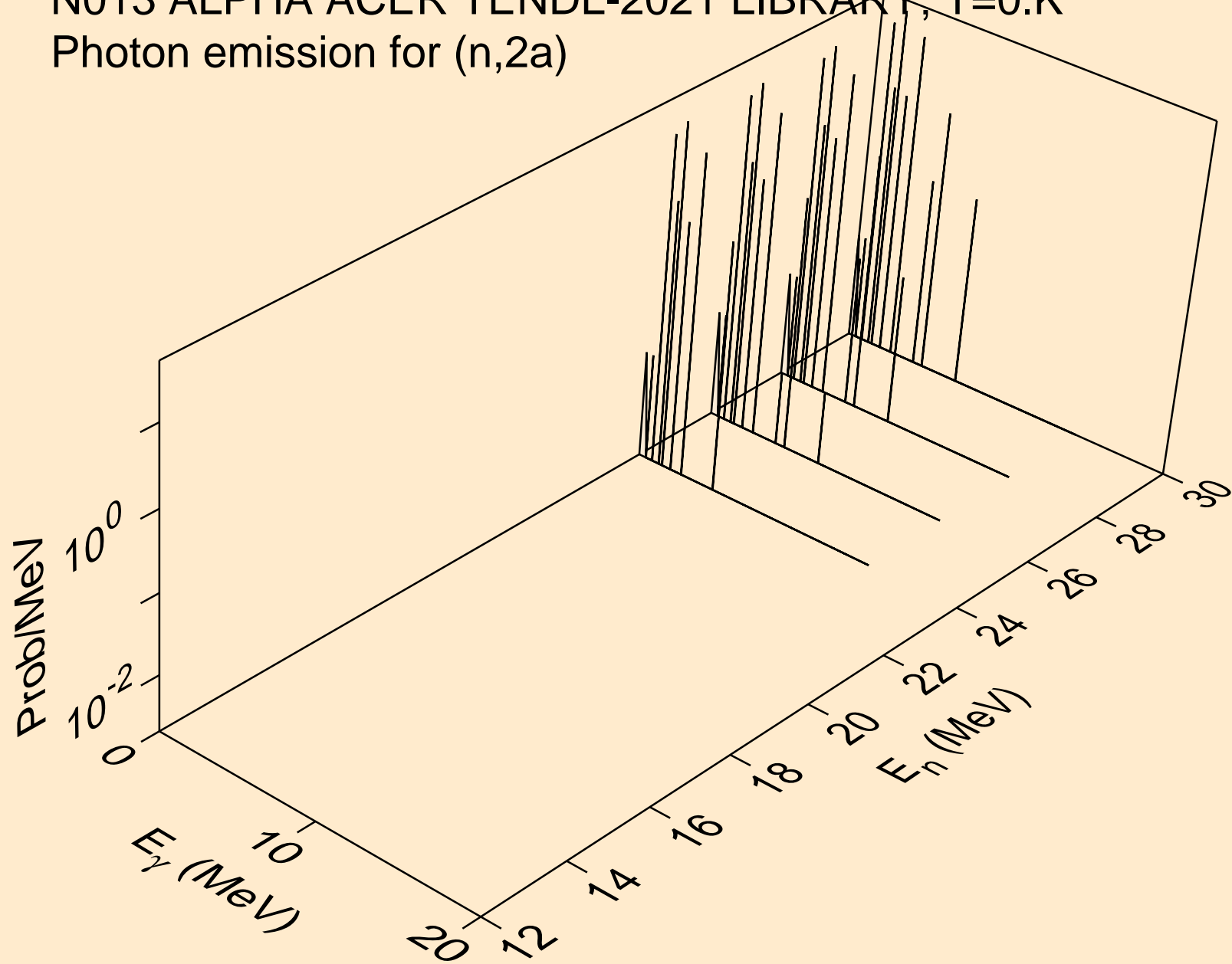
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



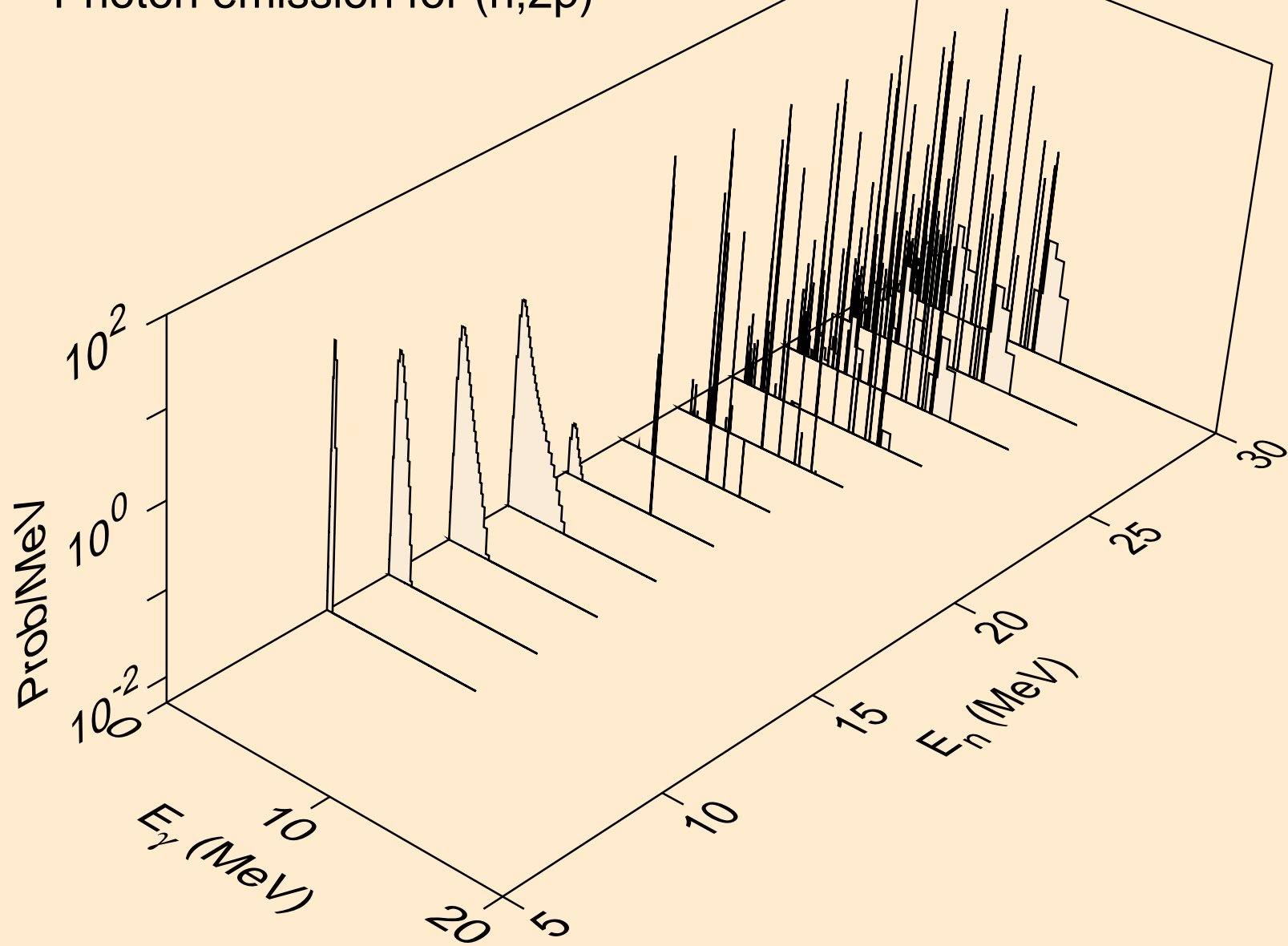
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



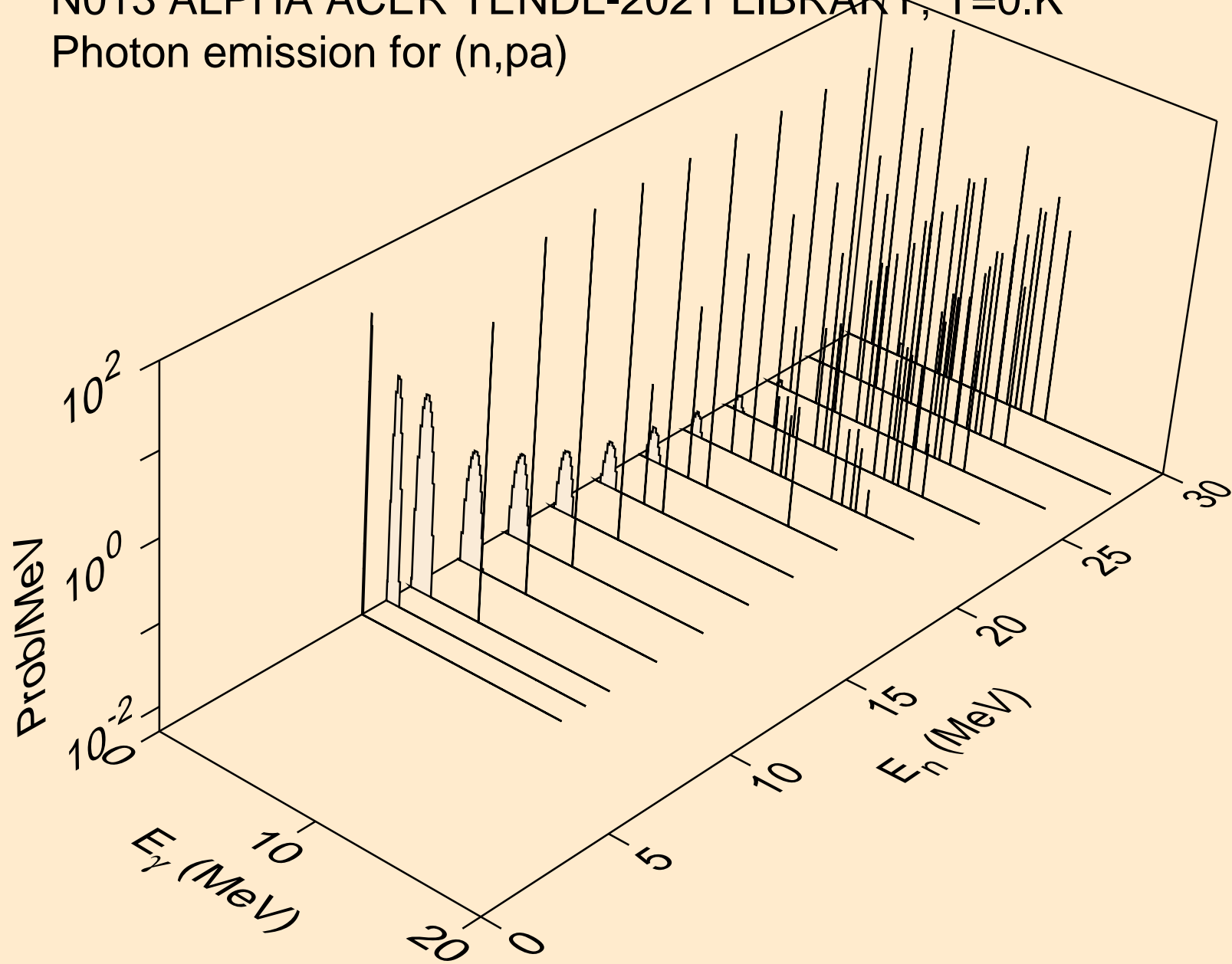
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

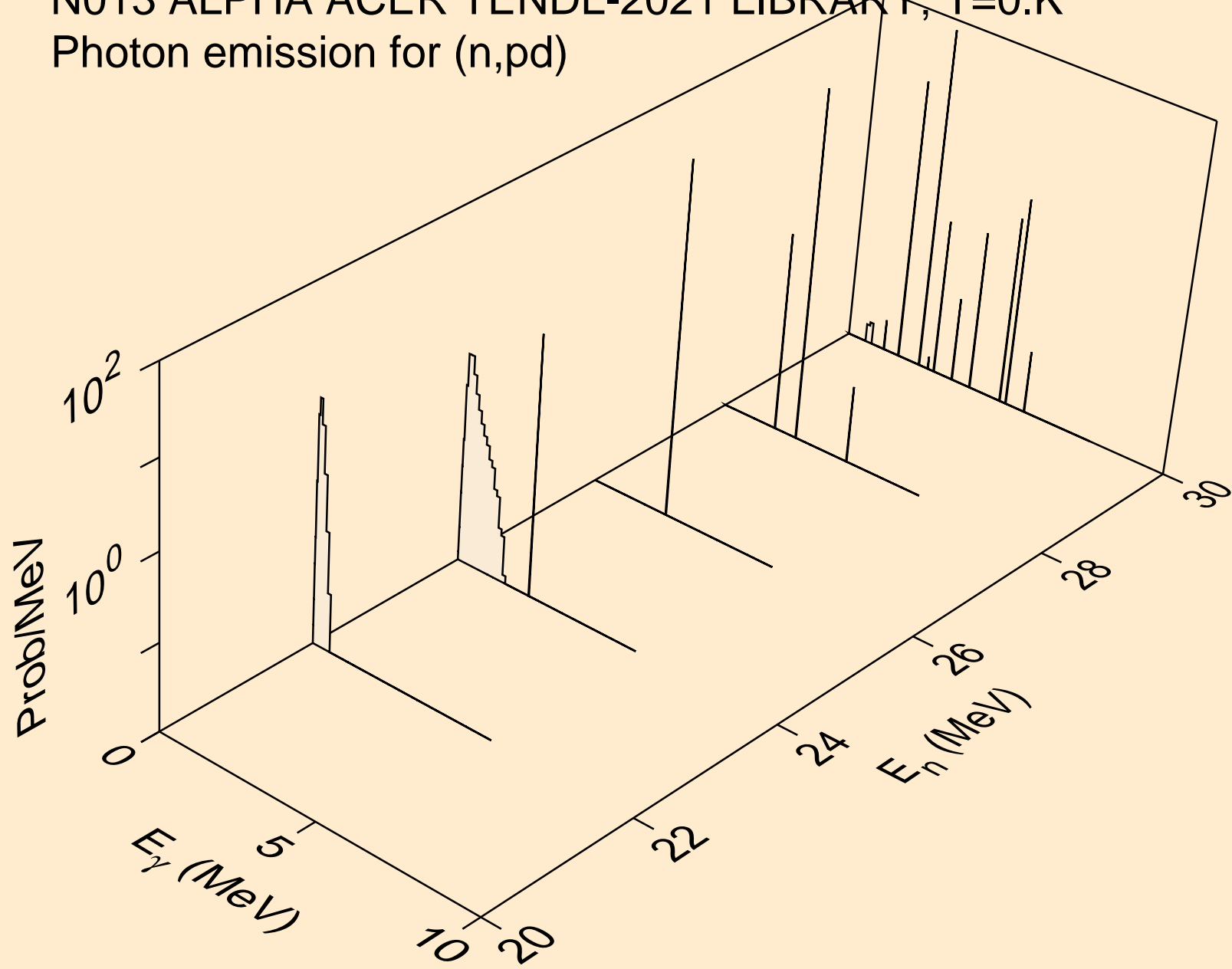


N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

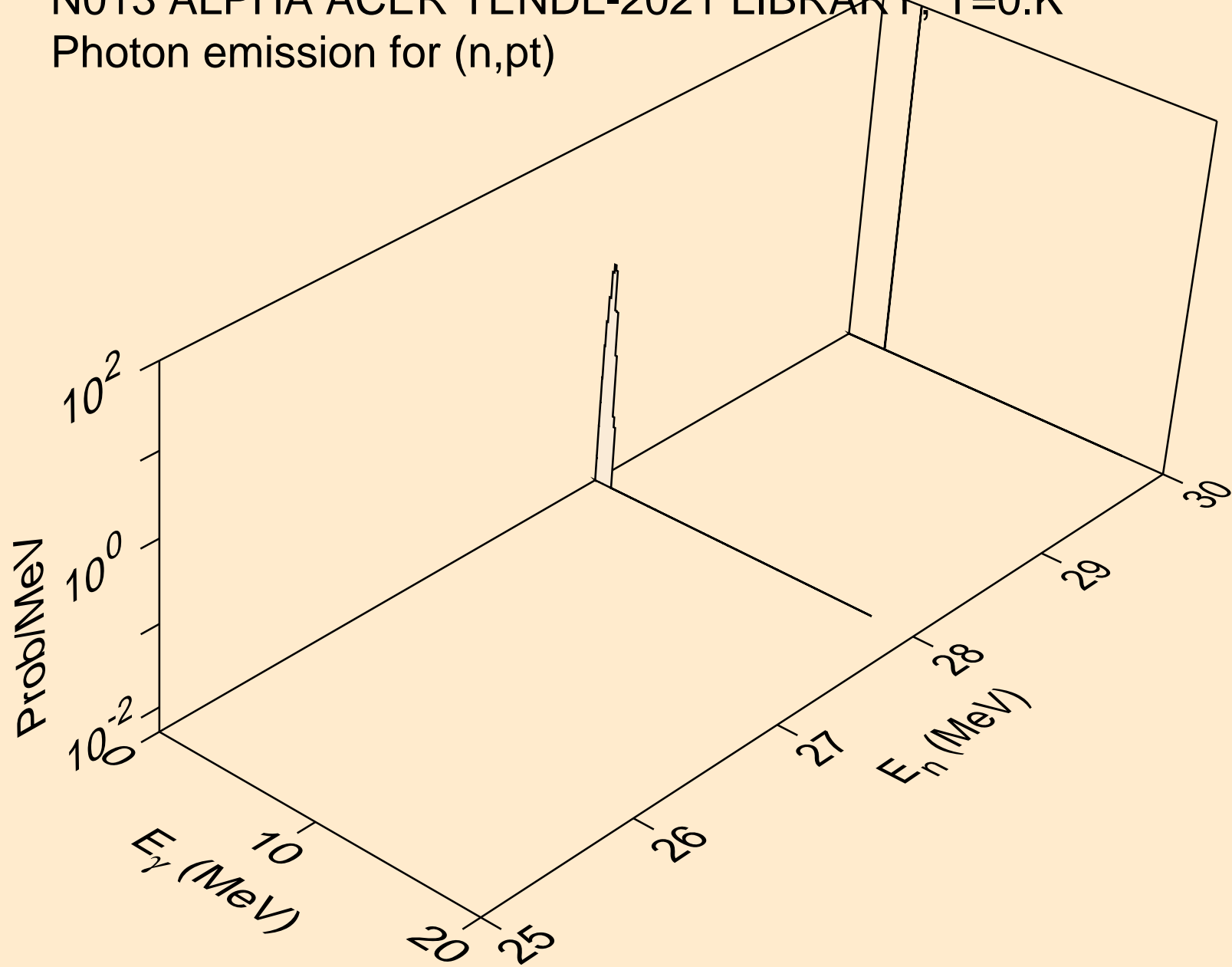




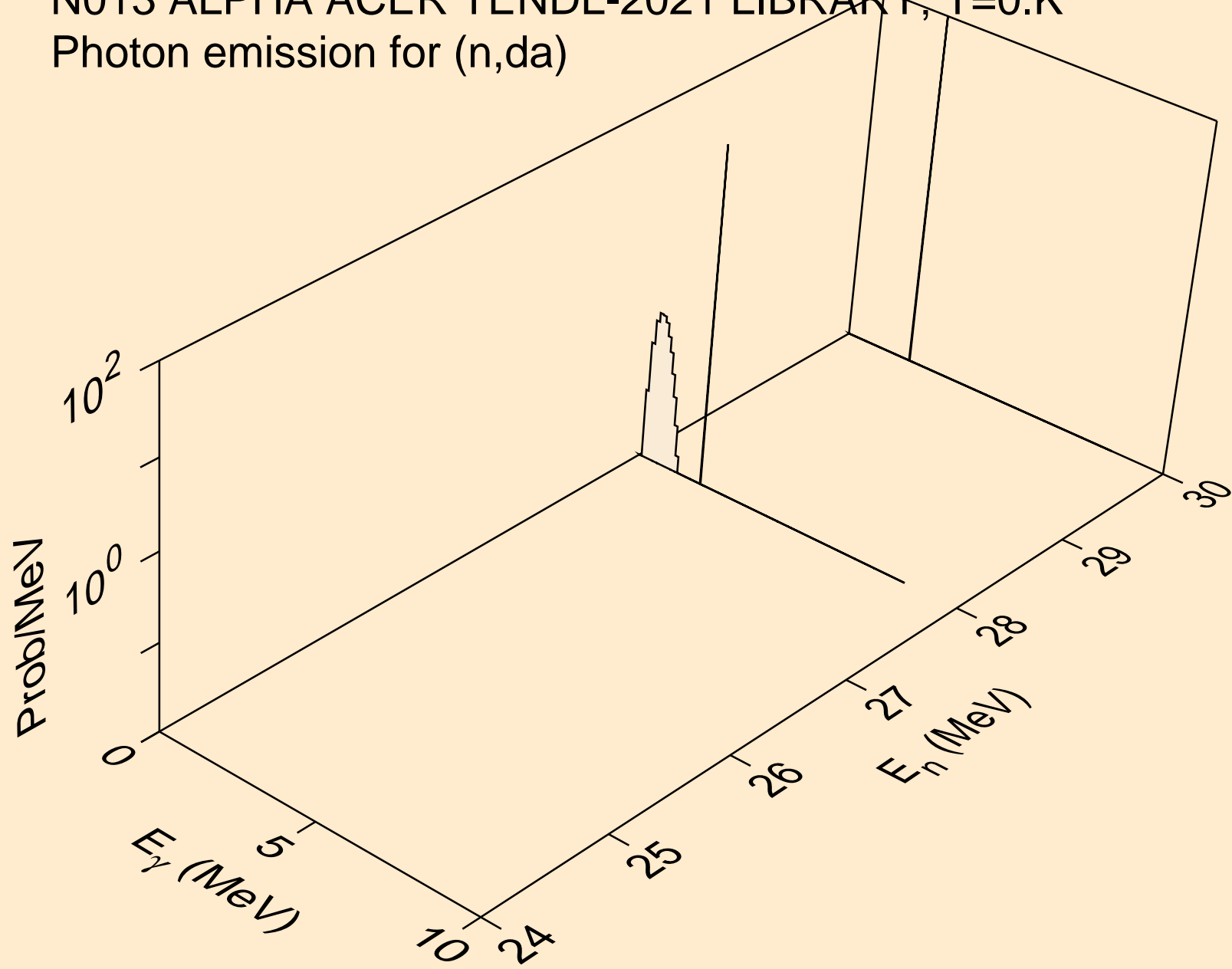
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



N013 ALPHA ACER TENDL-2021 LIBRARY: T=0.K  
Photon emission for (n,pt)

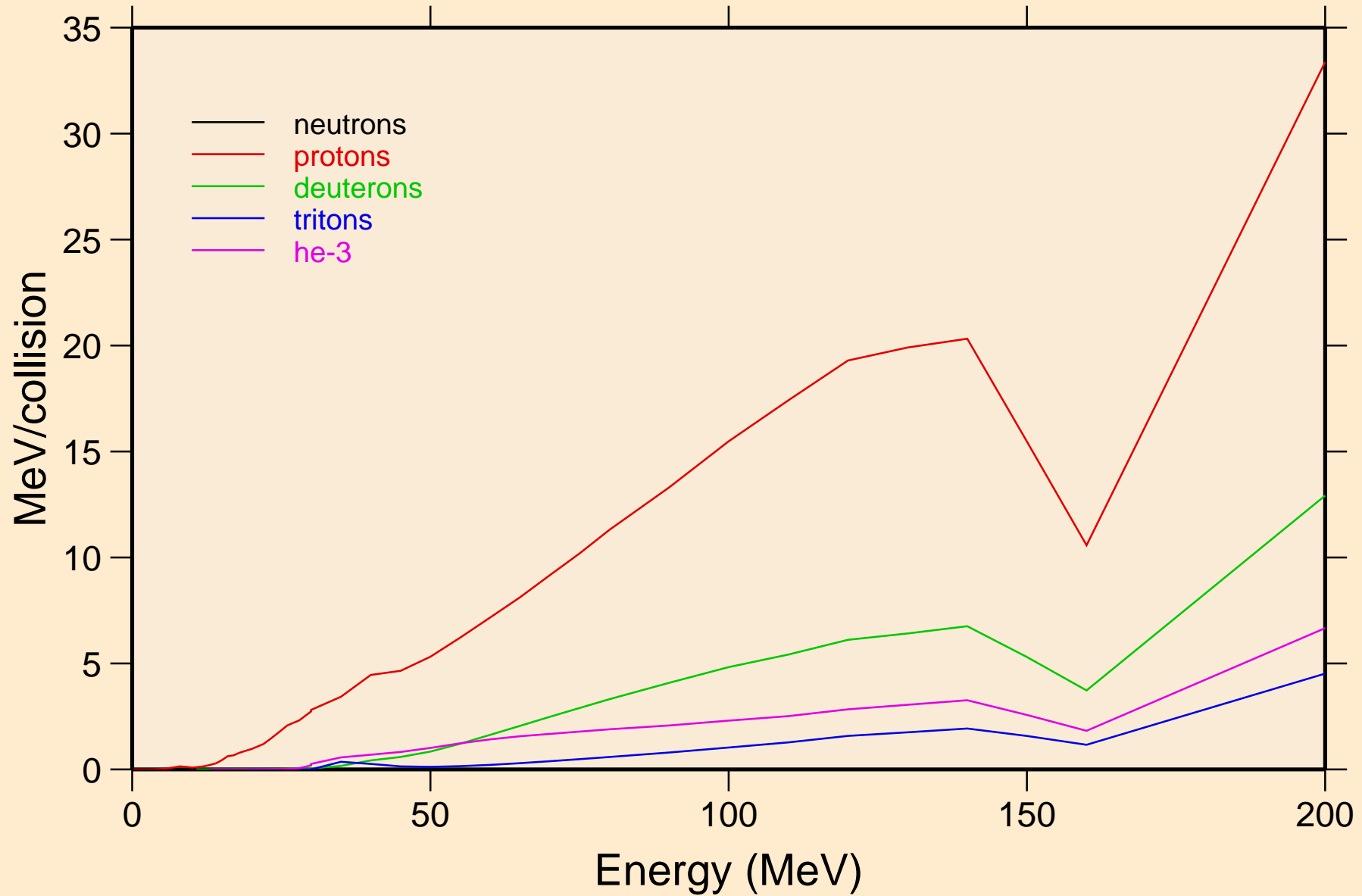


N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

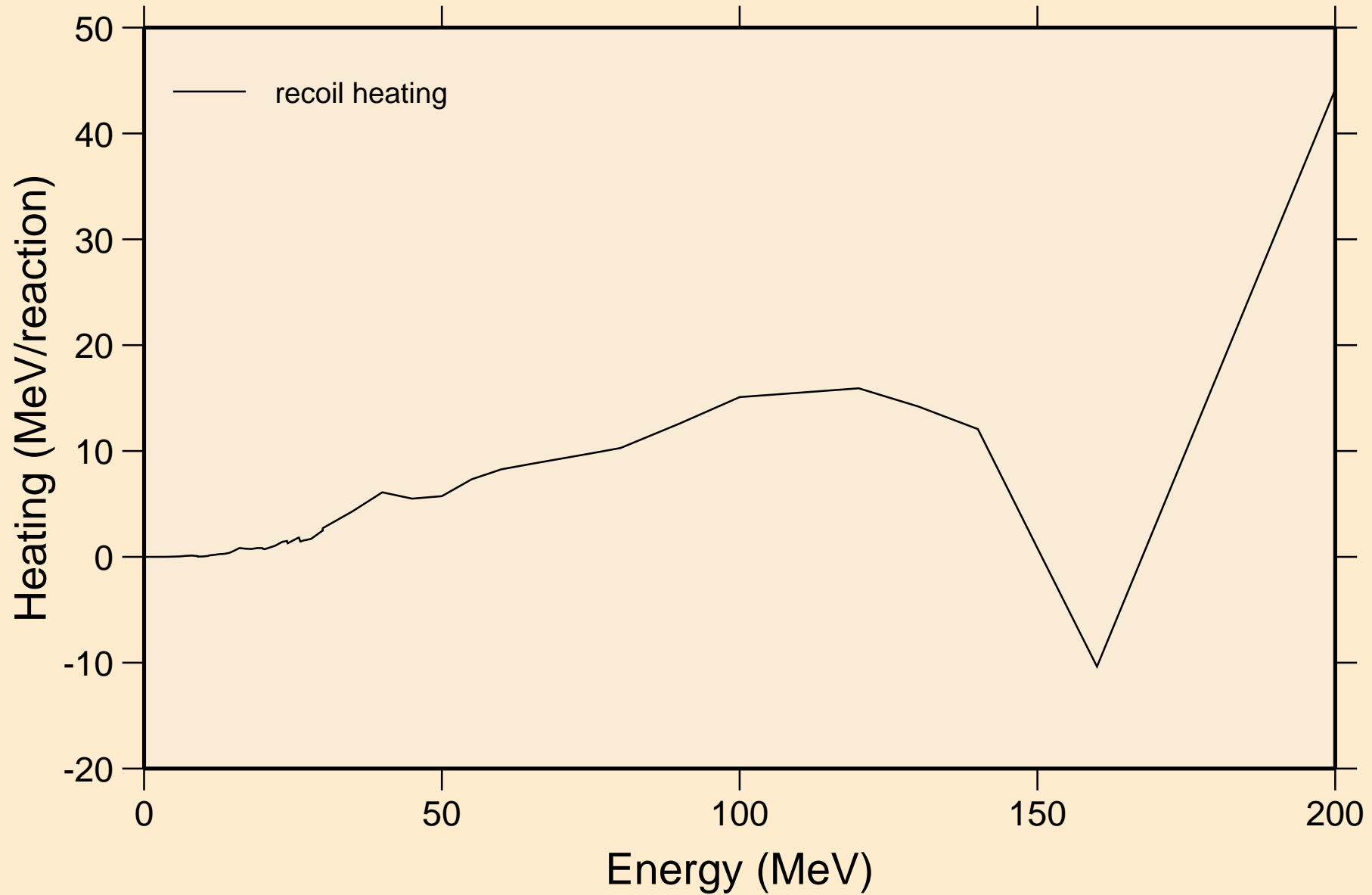


# N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

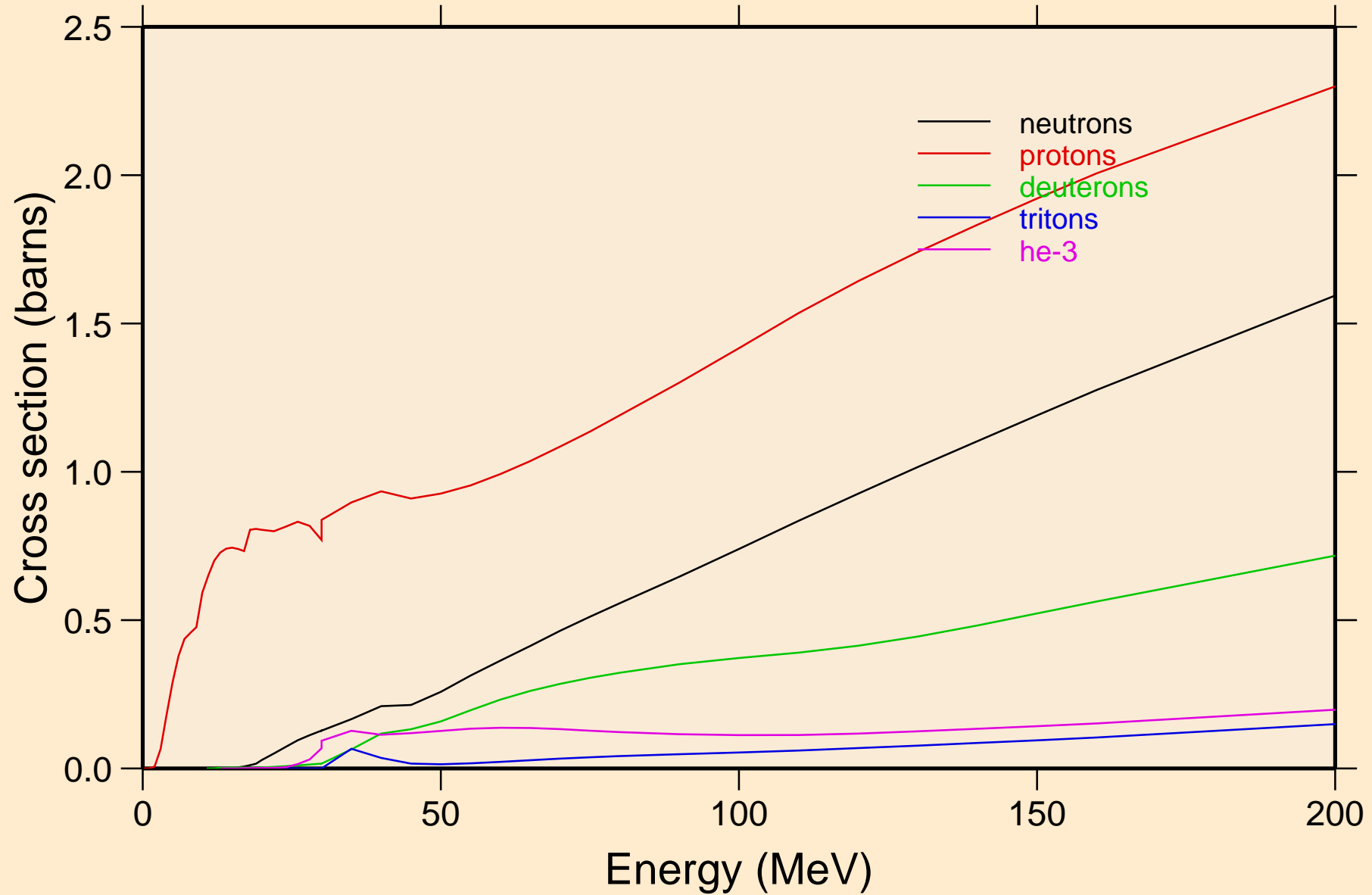
## Particle heating contributions



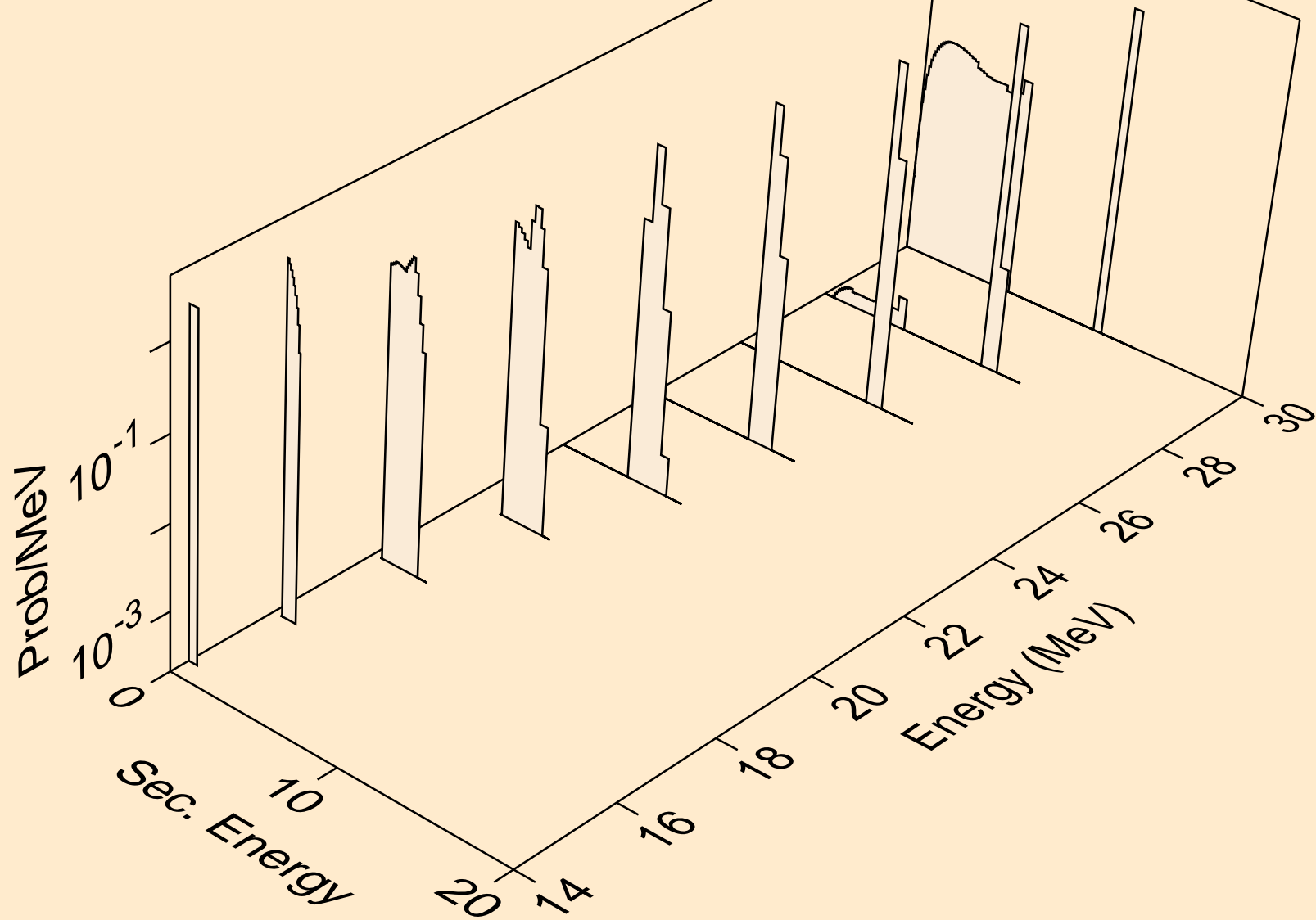
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



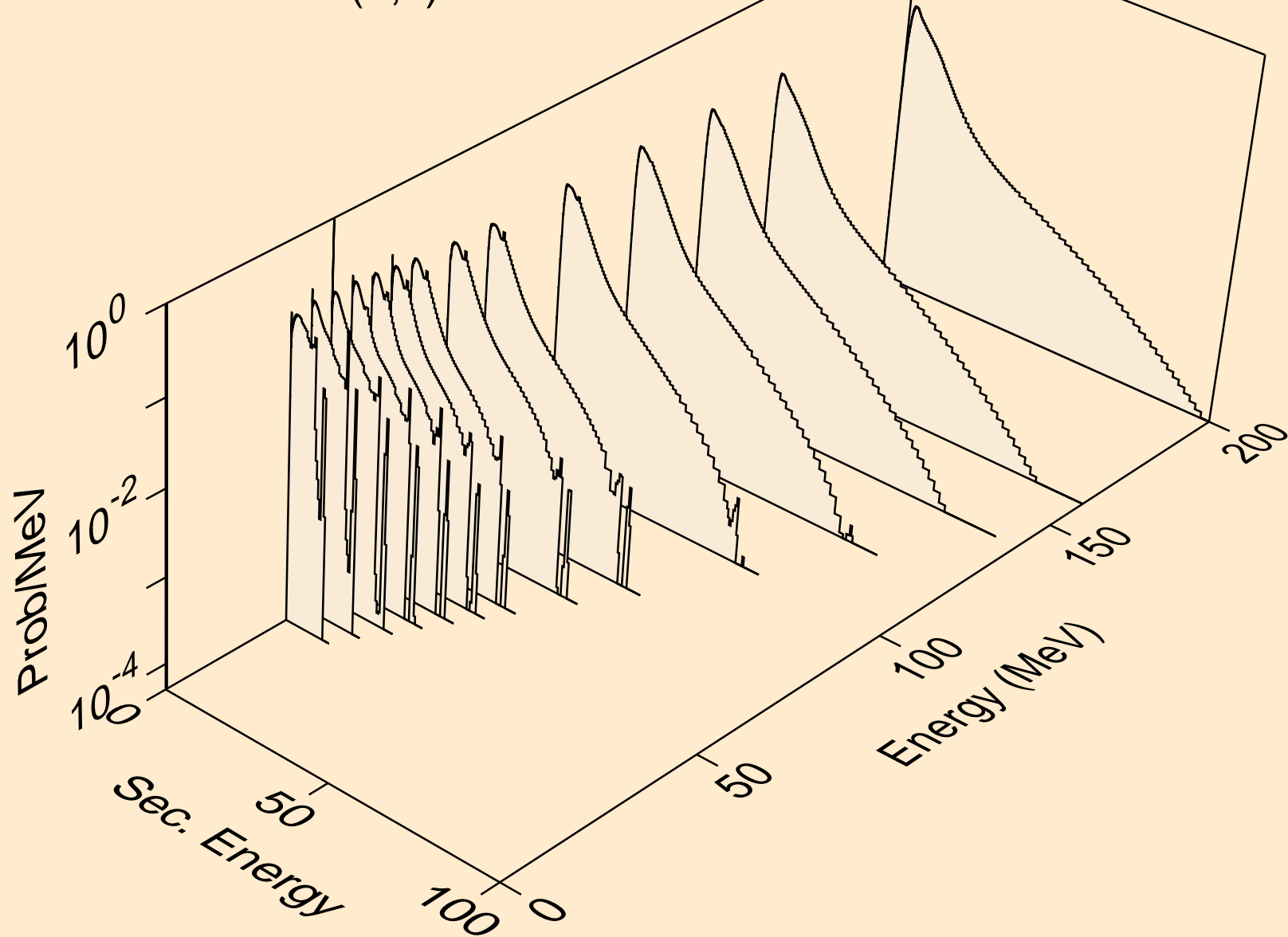
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)

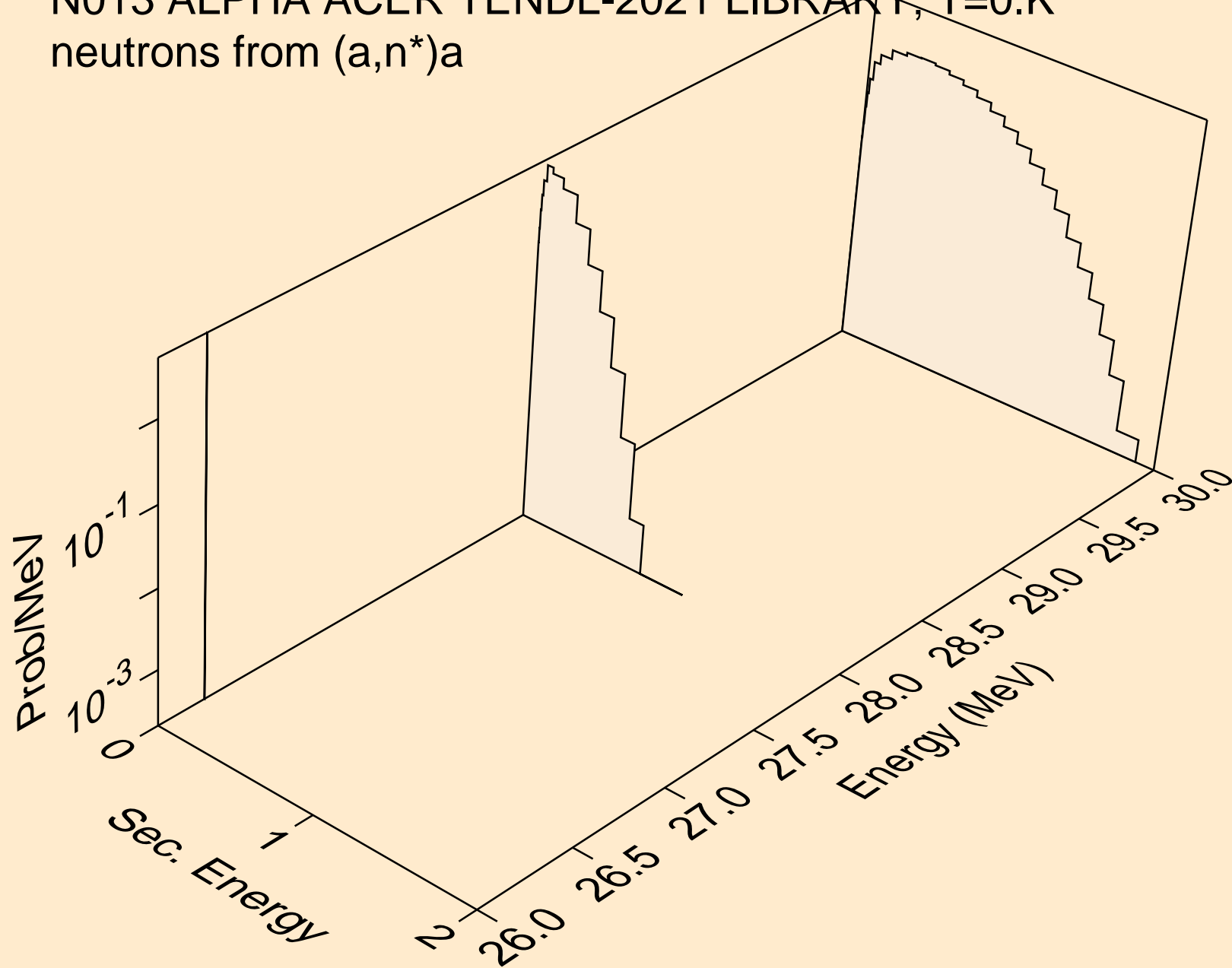


N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

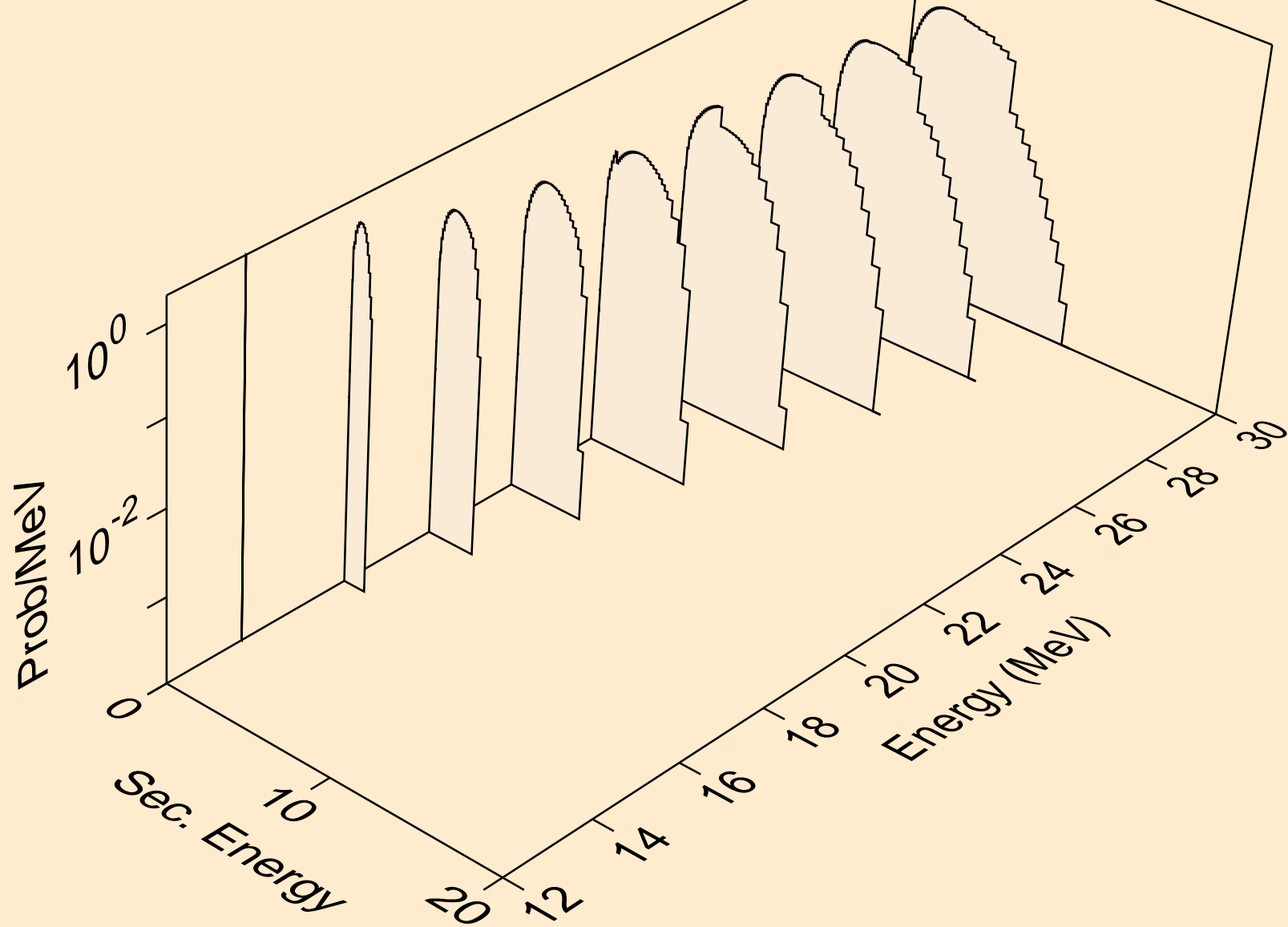




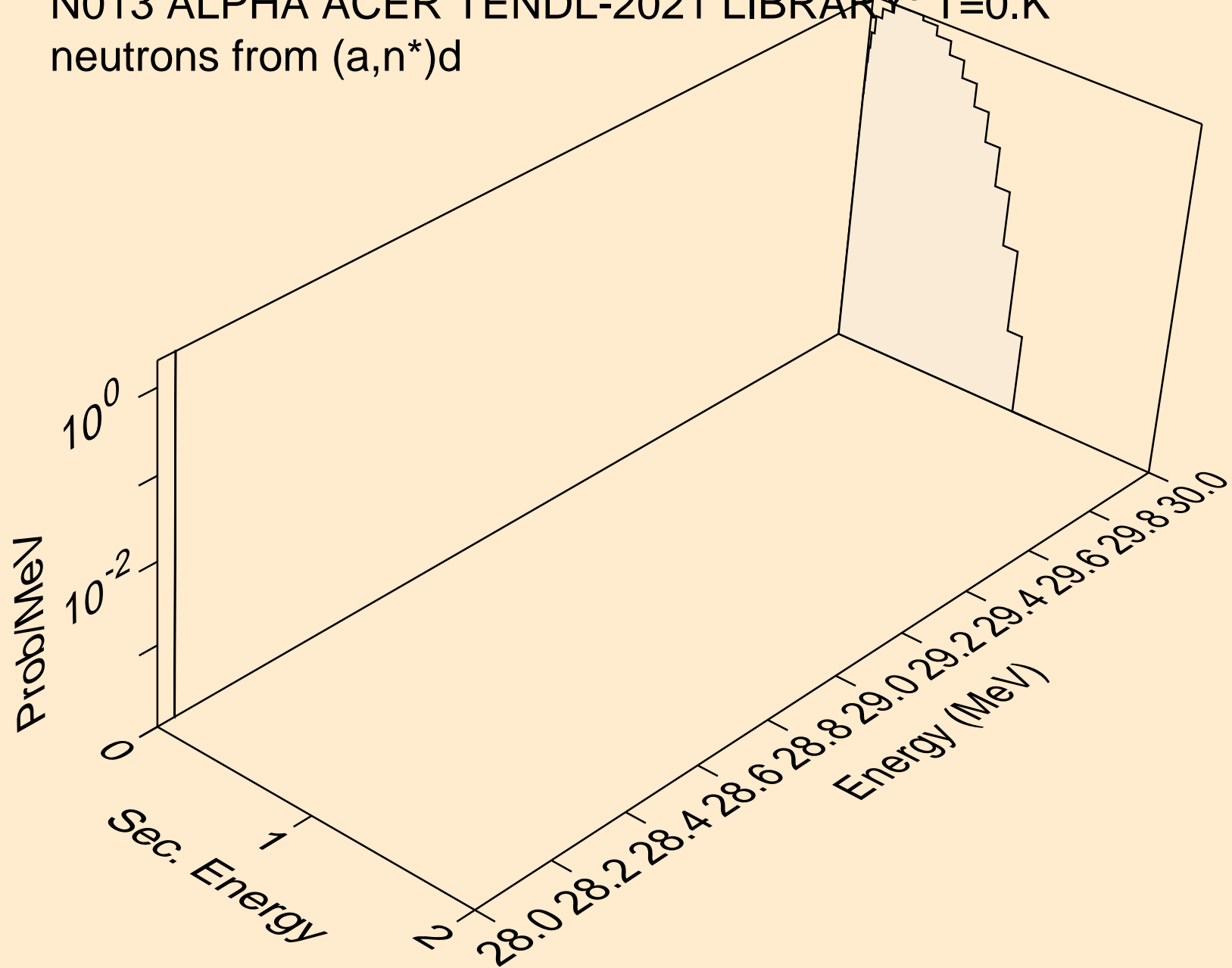
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



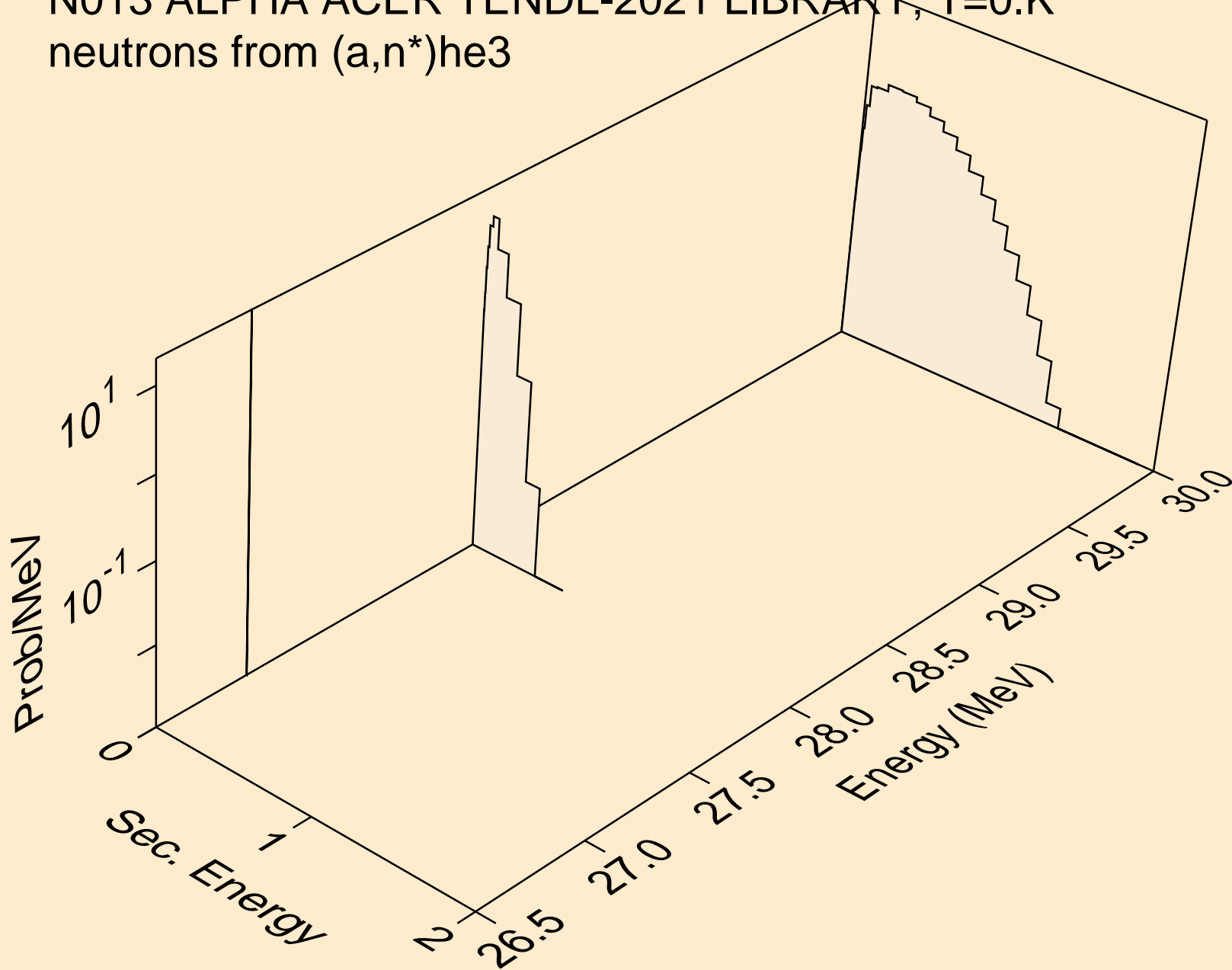
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



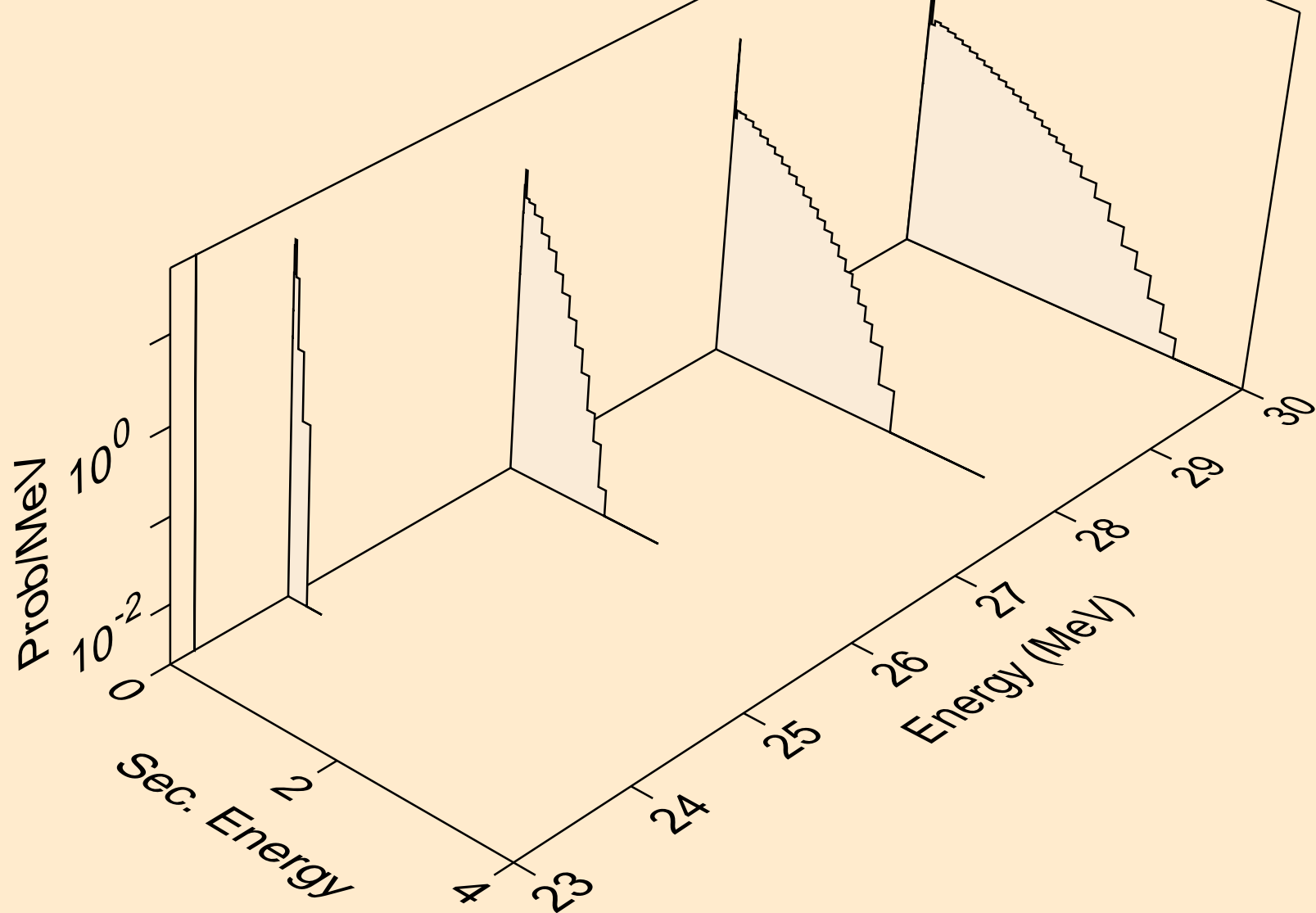
N013 ALPHA ACER TENDL-2021 LIBRARY · T=0.K  
neutrons from (a,n\*)d



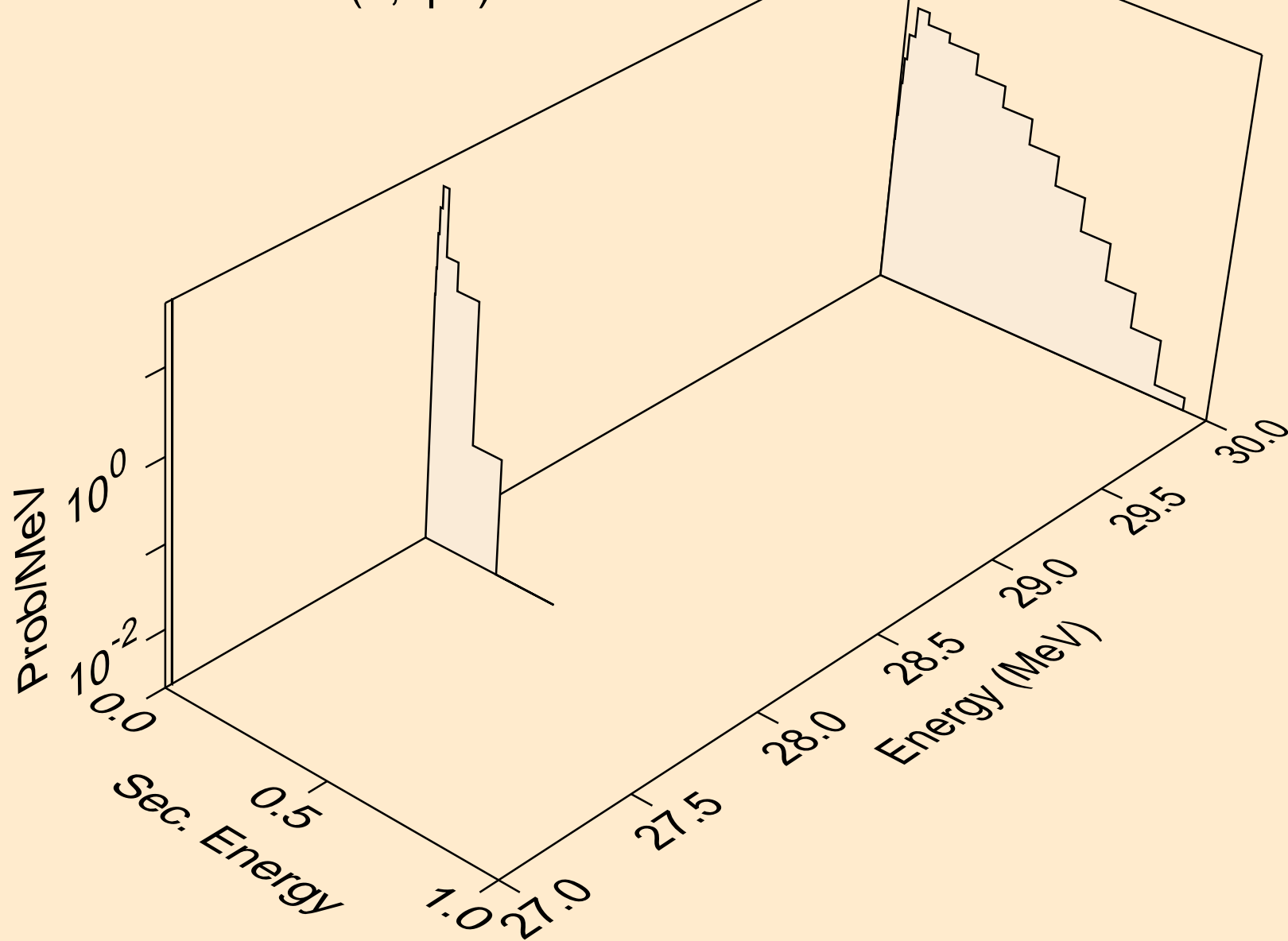
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



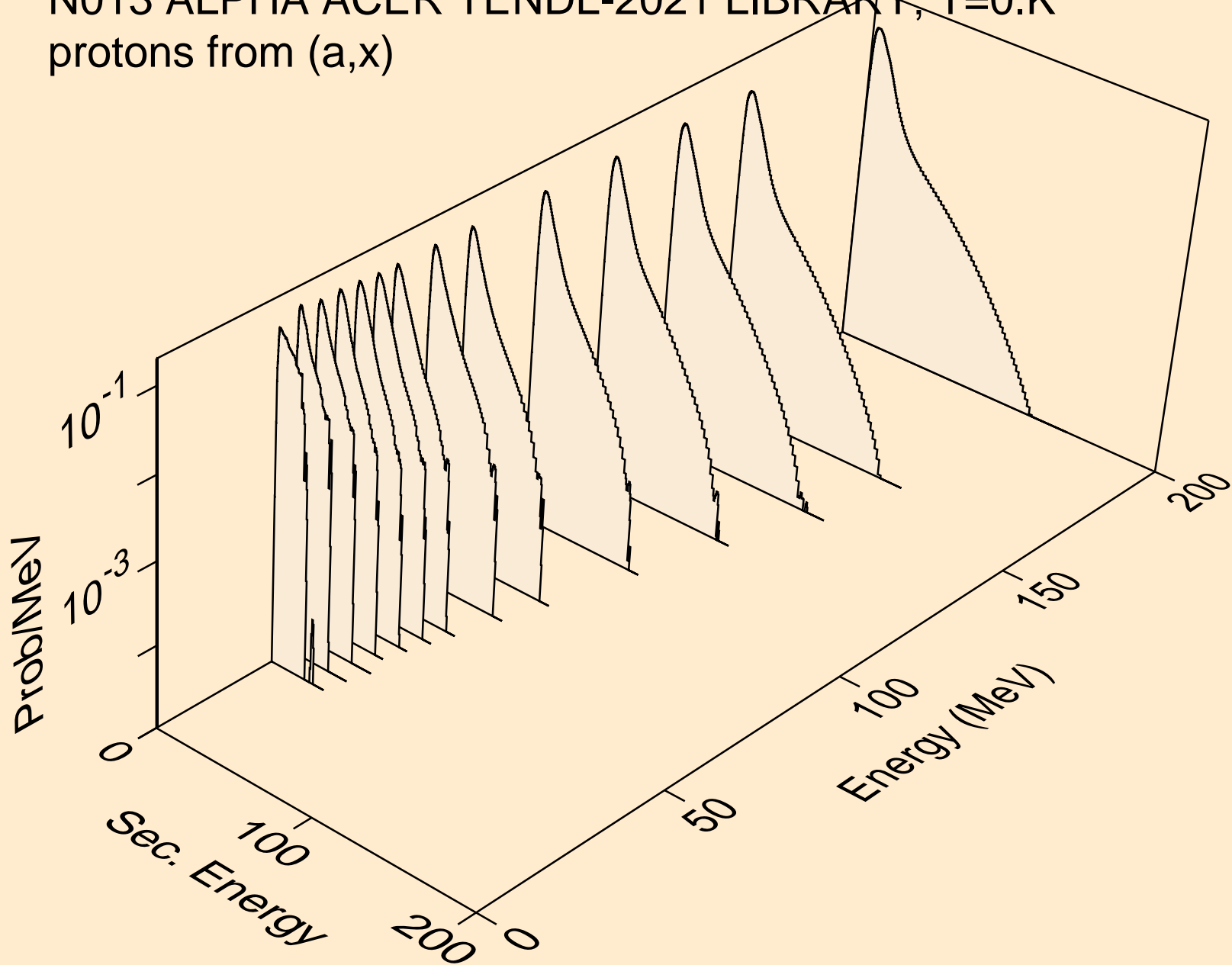
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



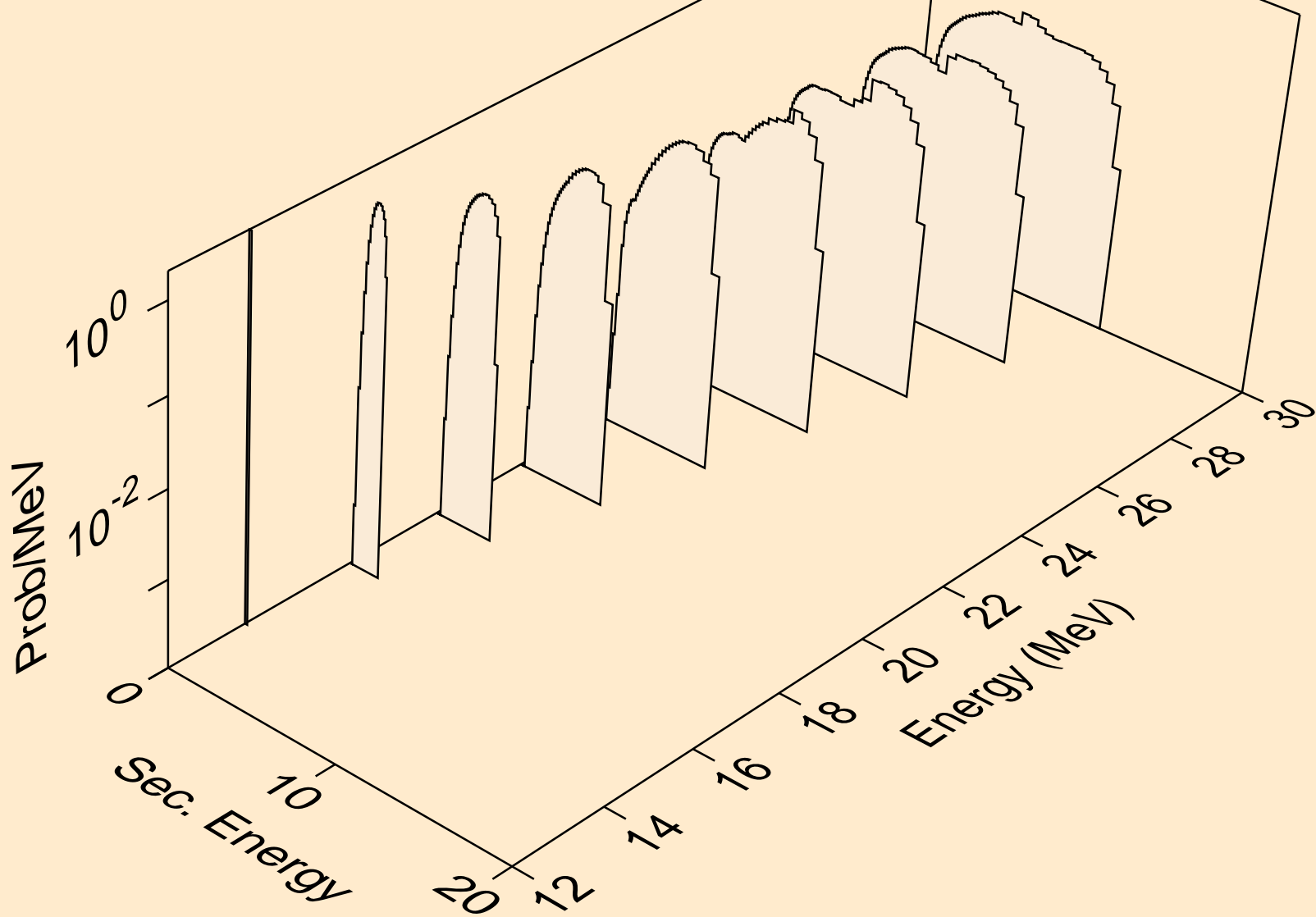
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)



N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)

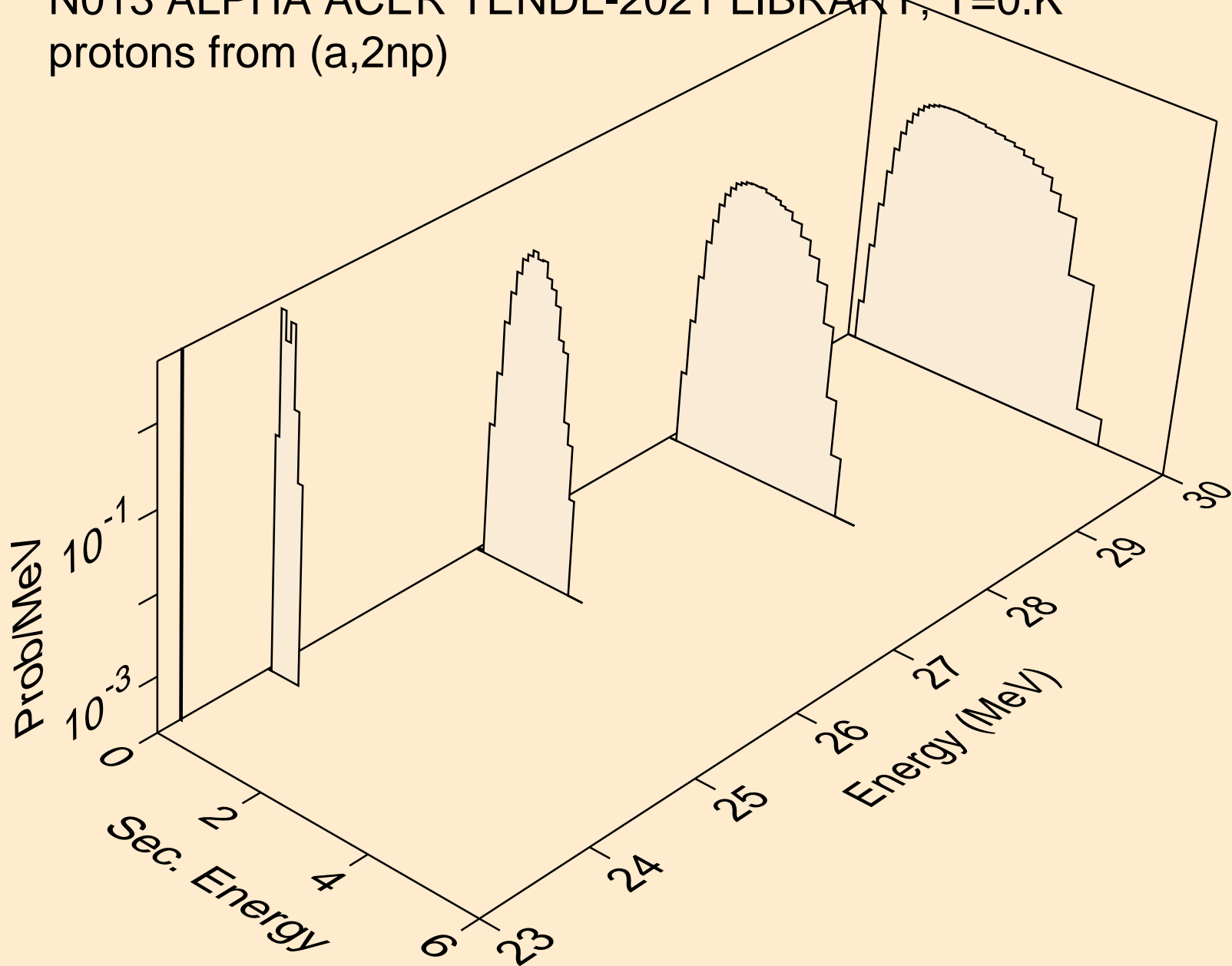


N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p

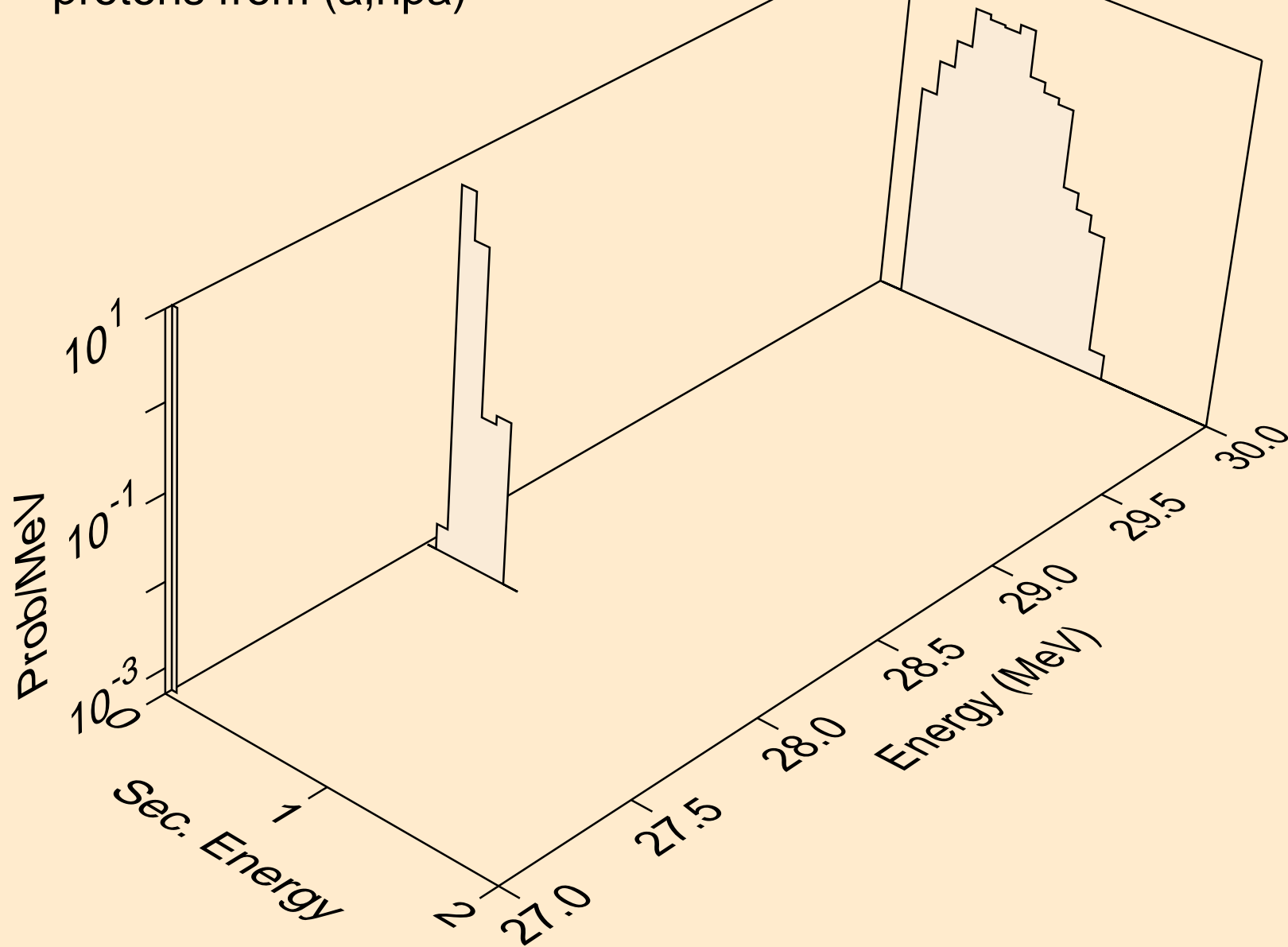




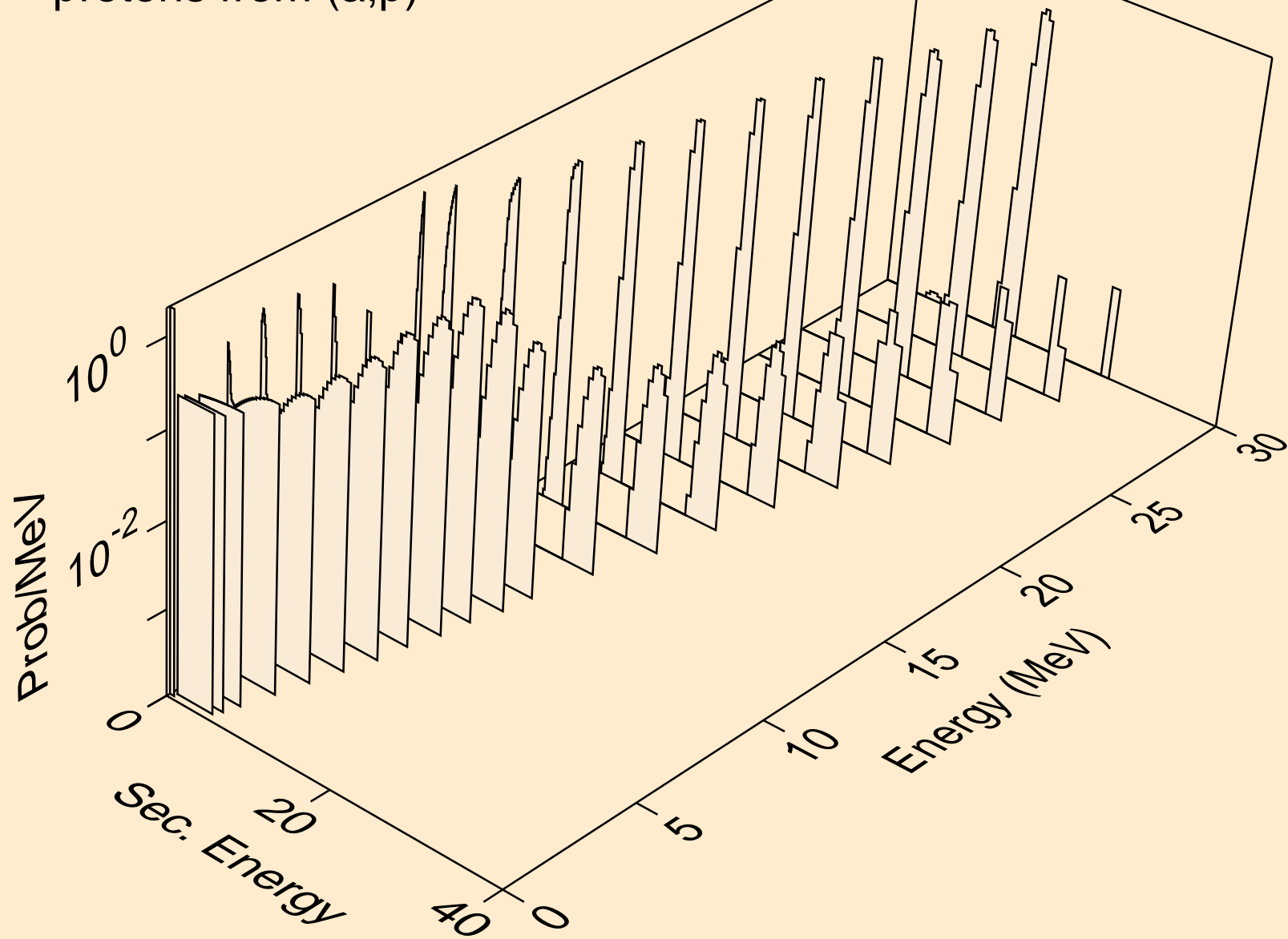
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



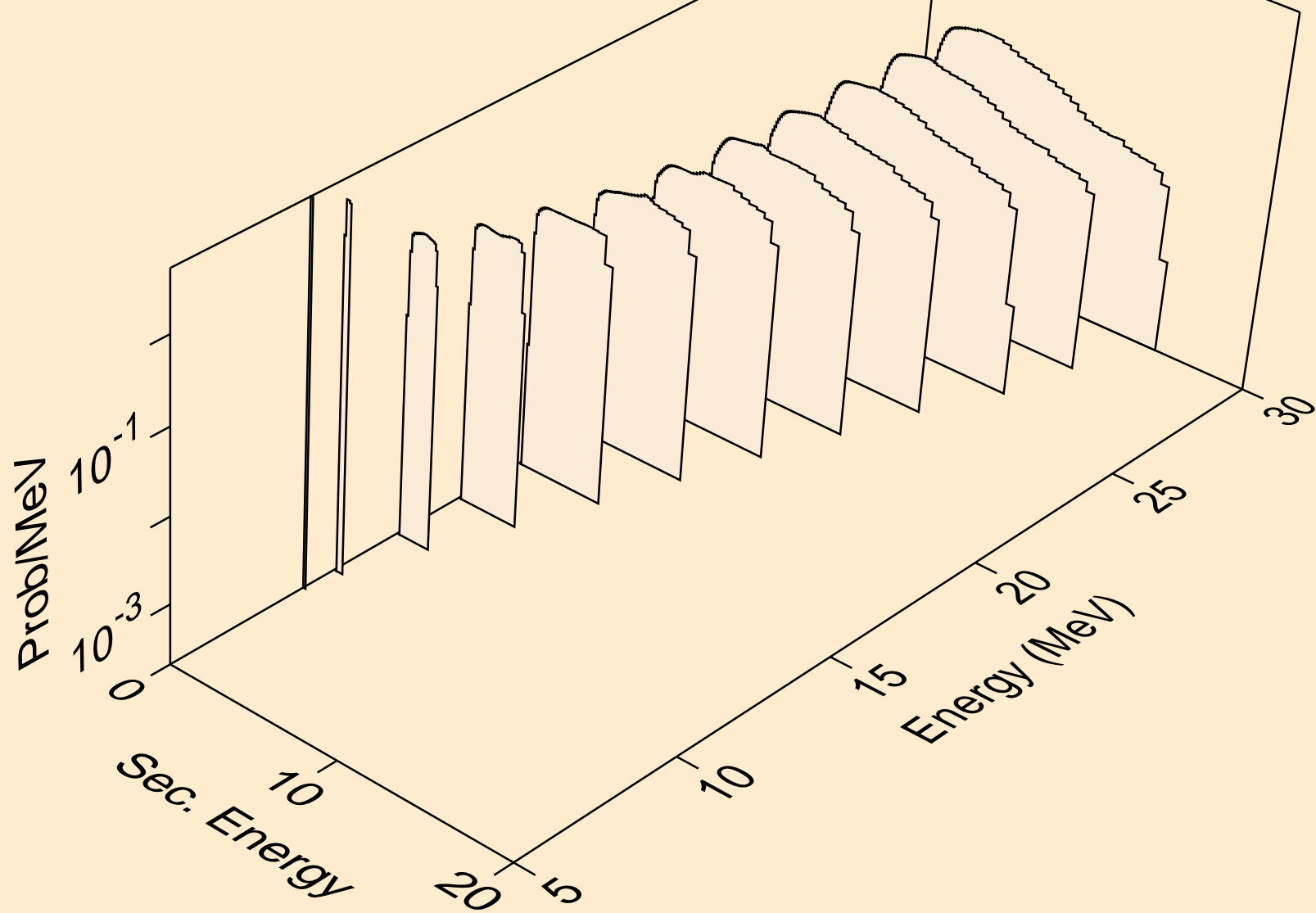
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)



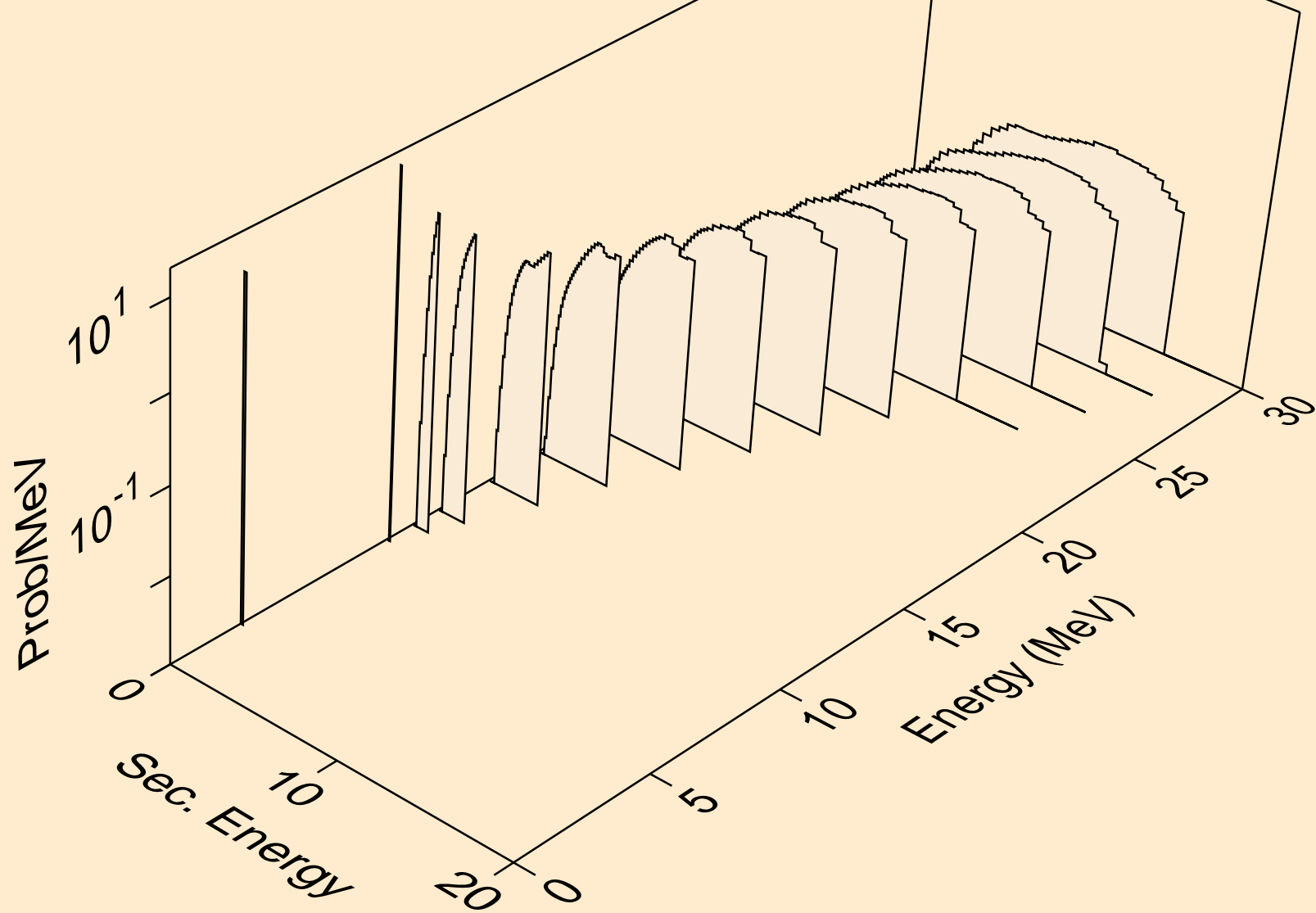
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



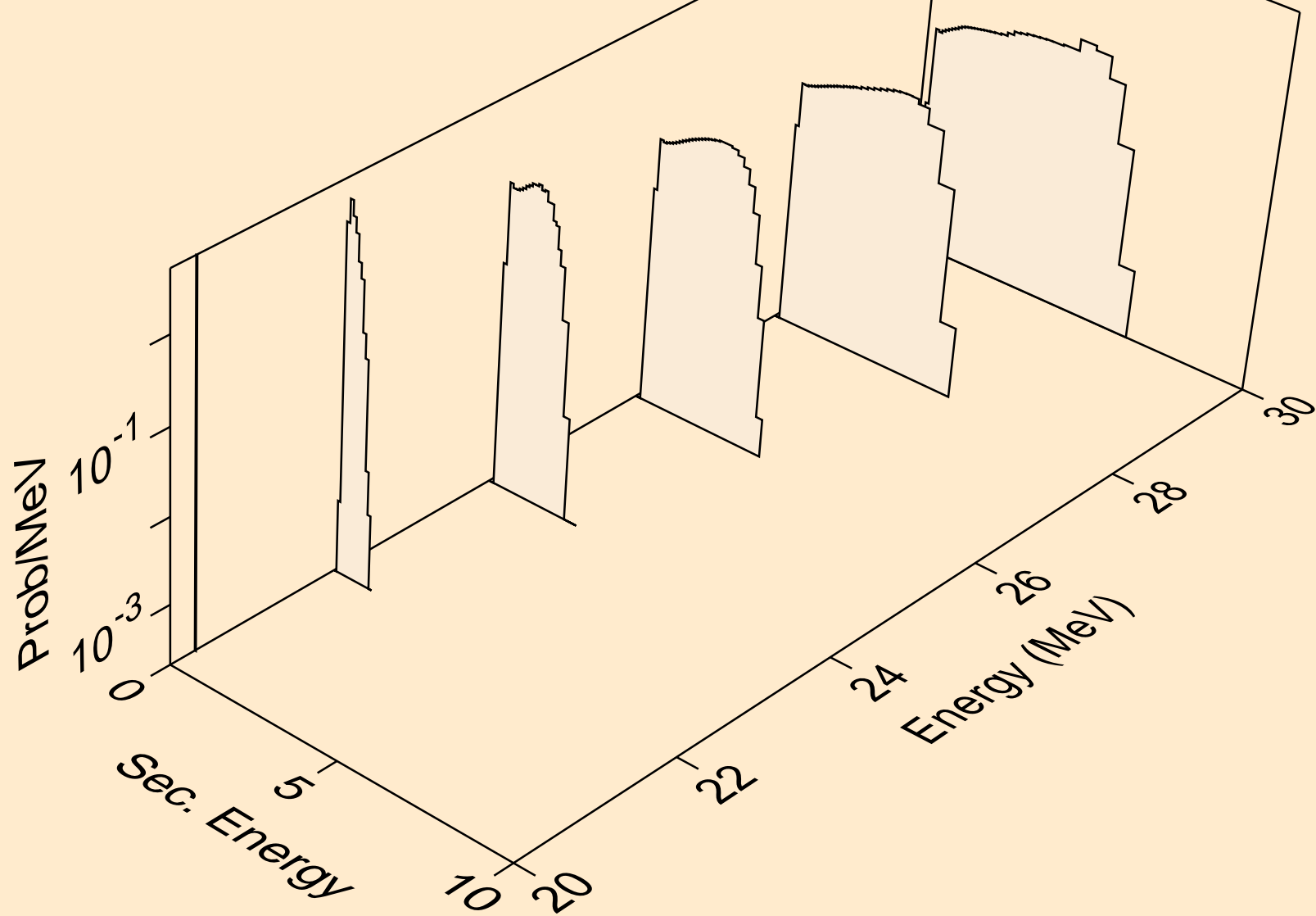
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



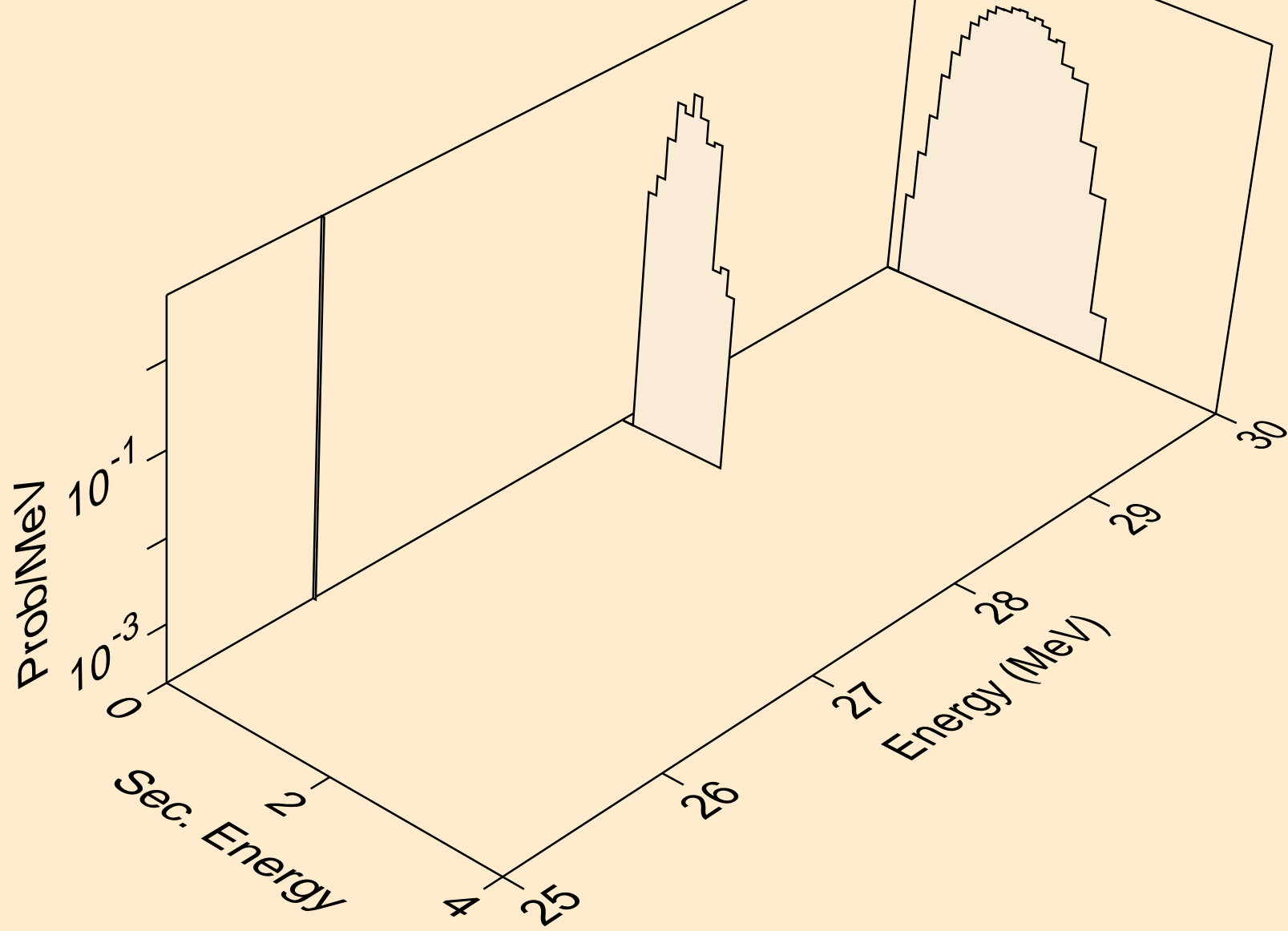
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



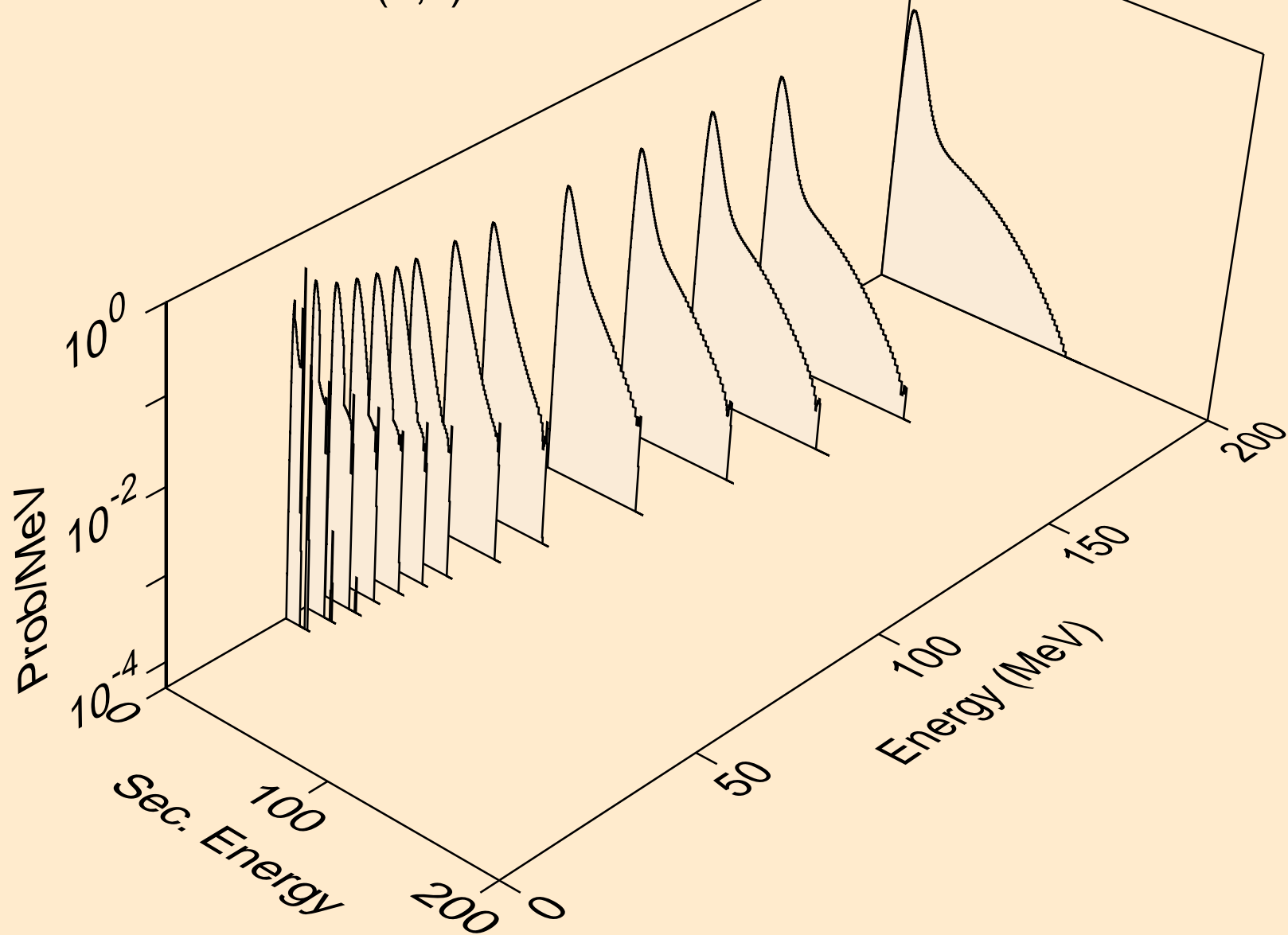
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)



N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pt)

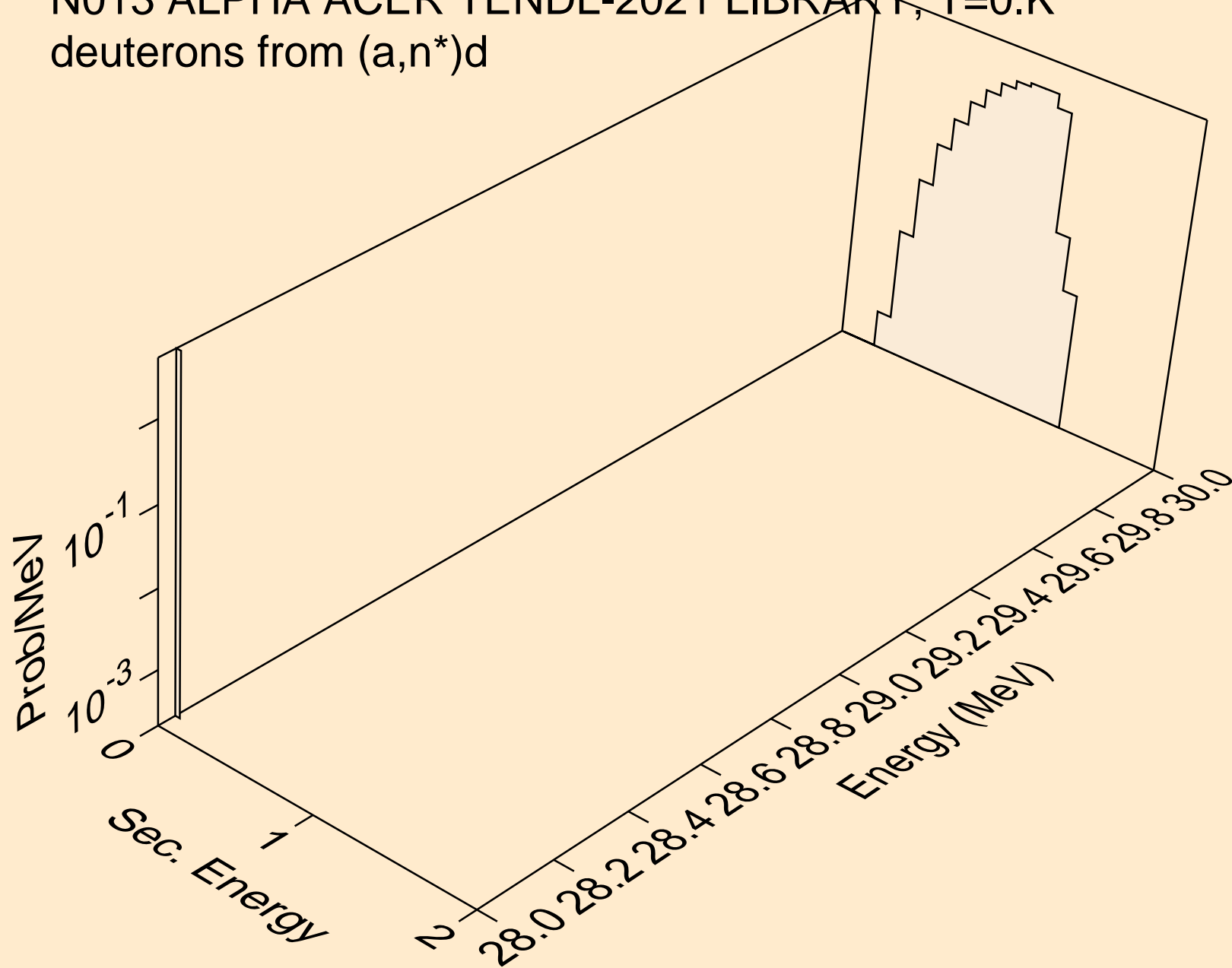


N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)

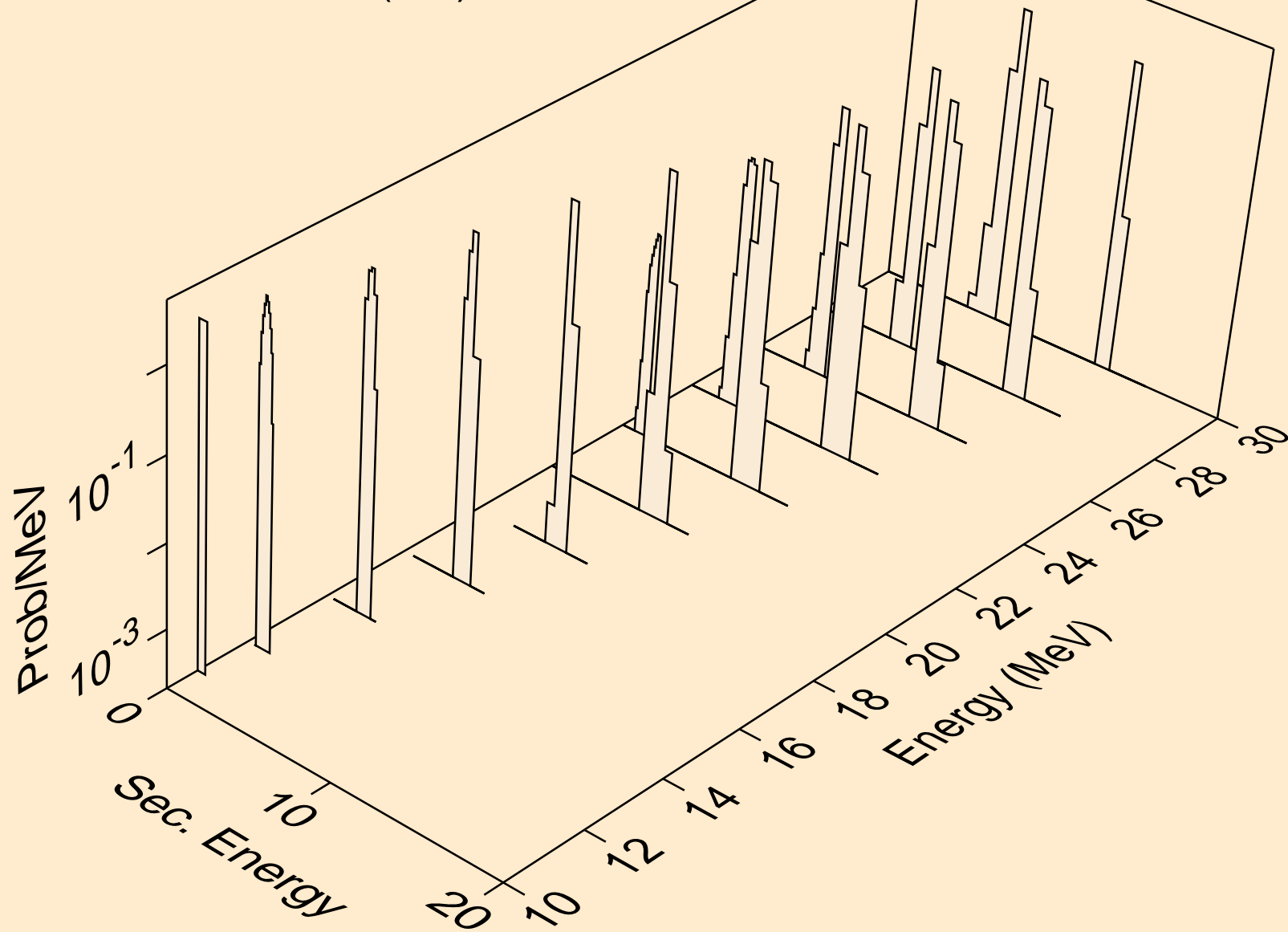




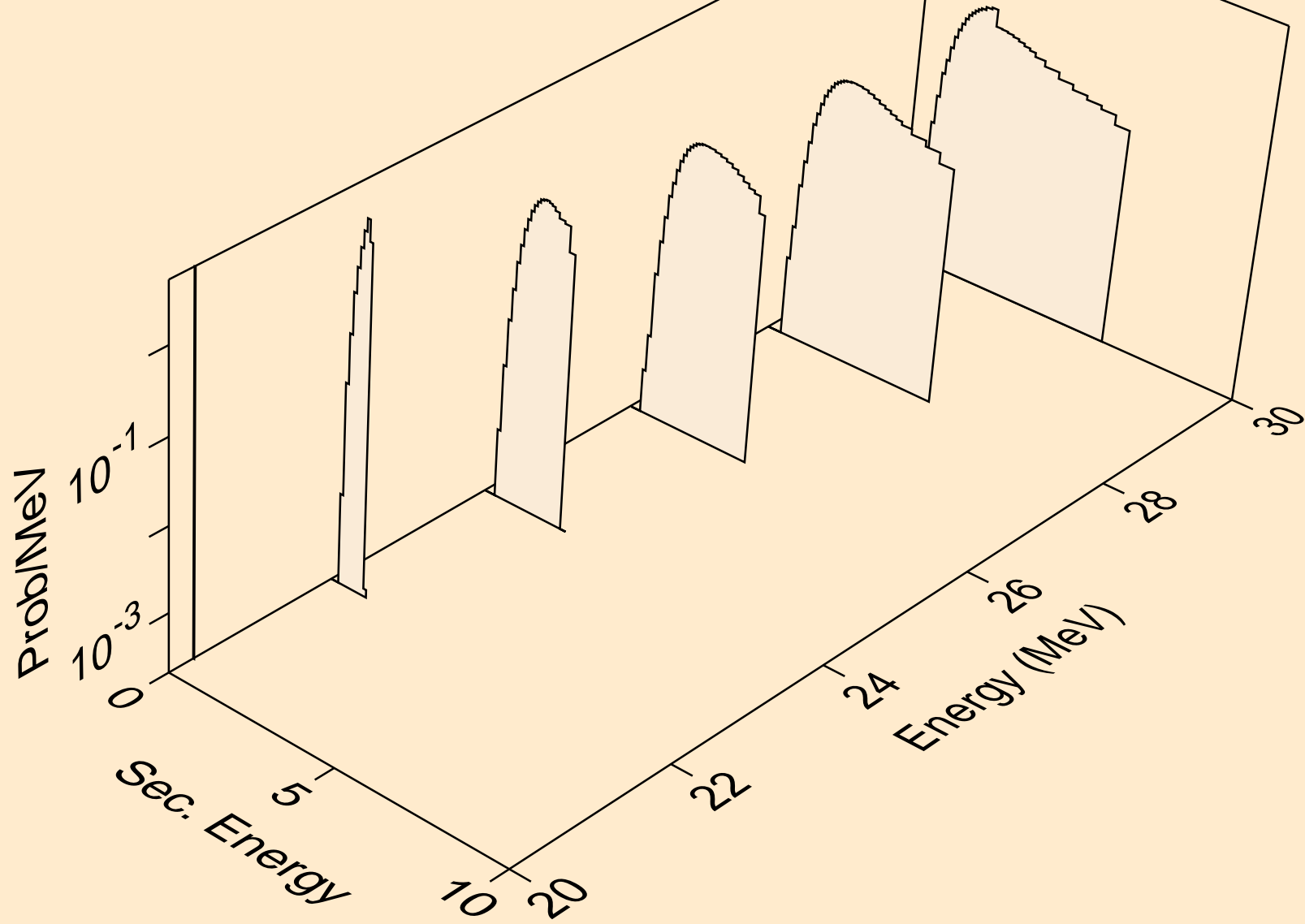
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



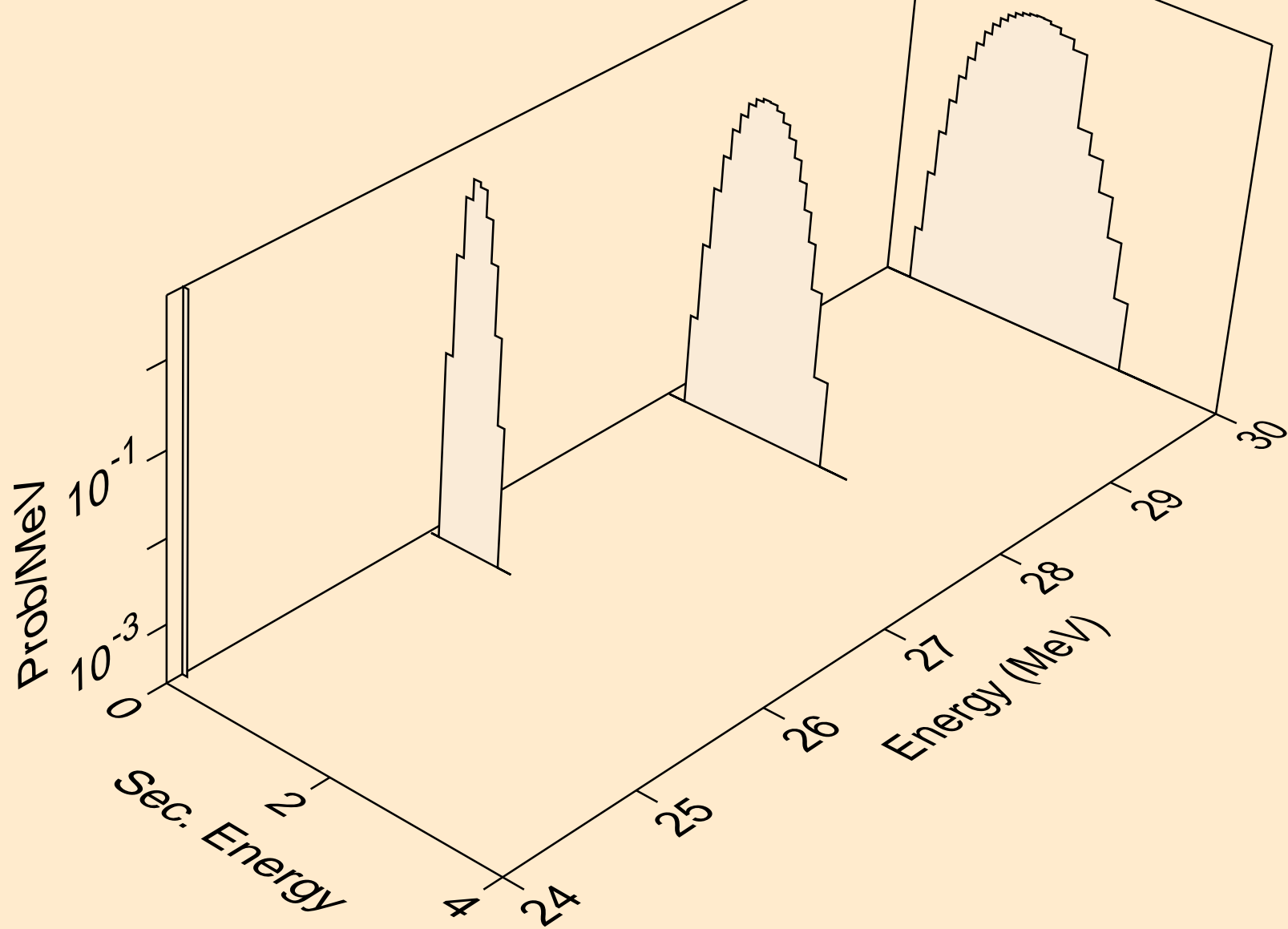
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



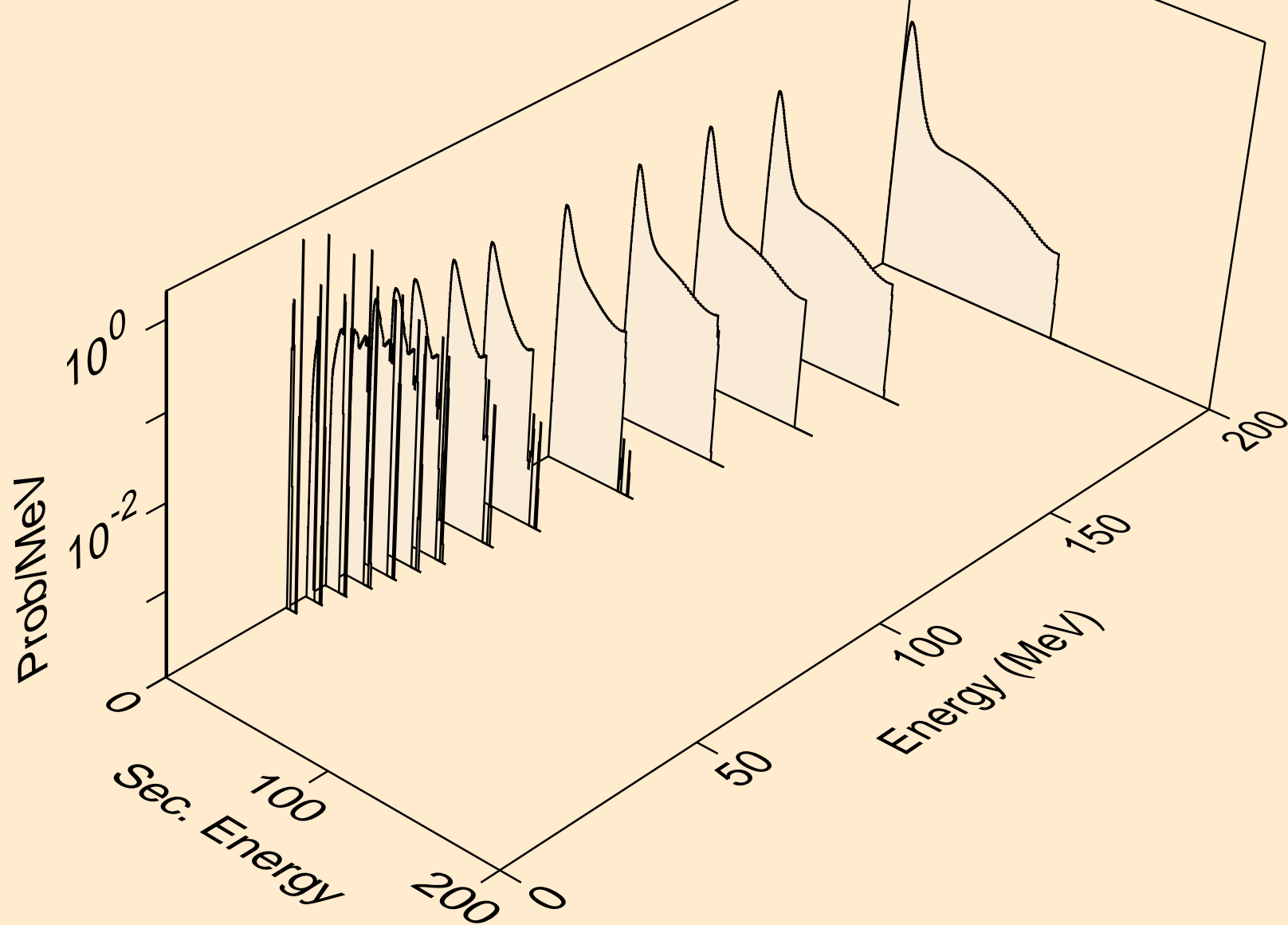
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)



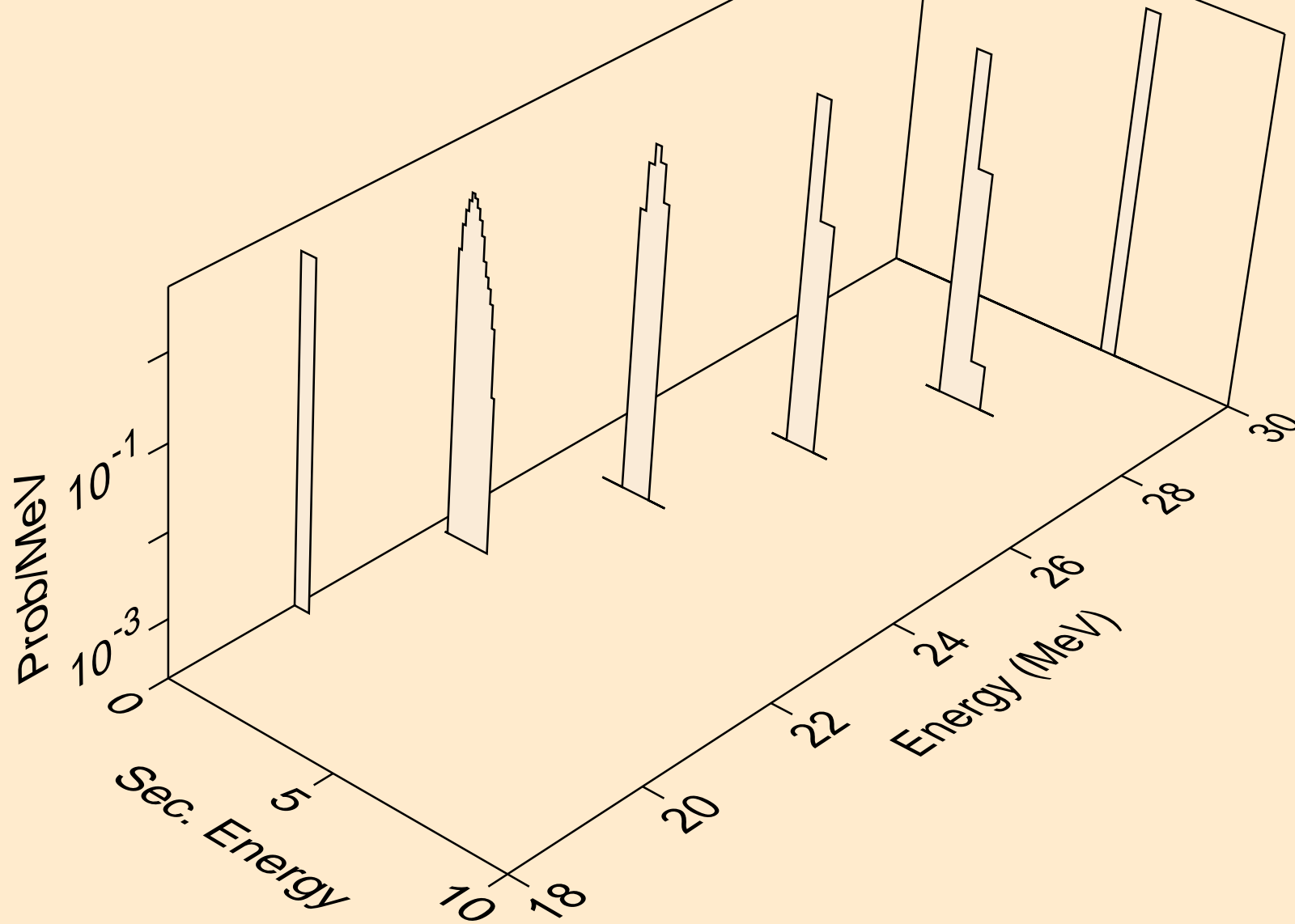
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,da)



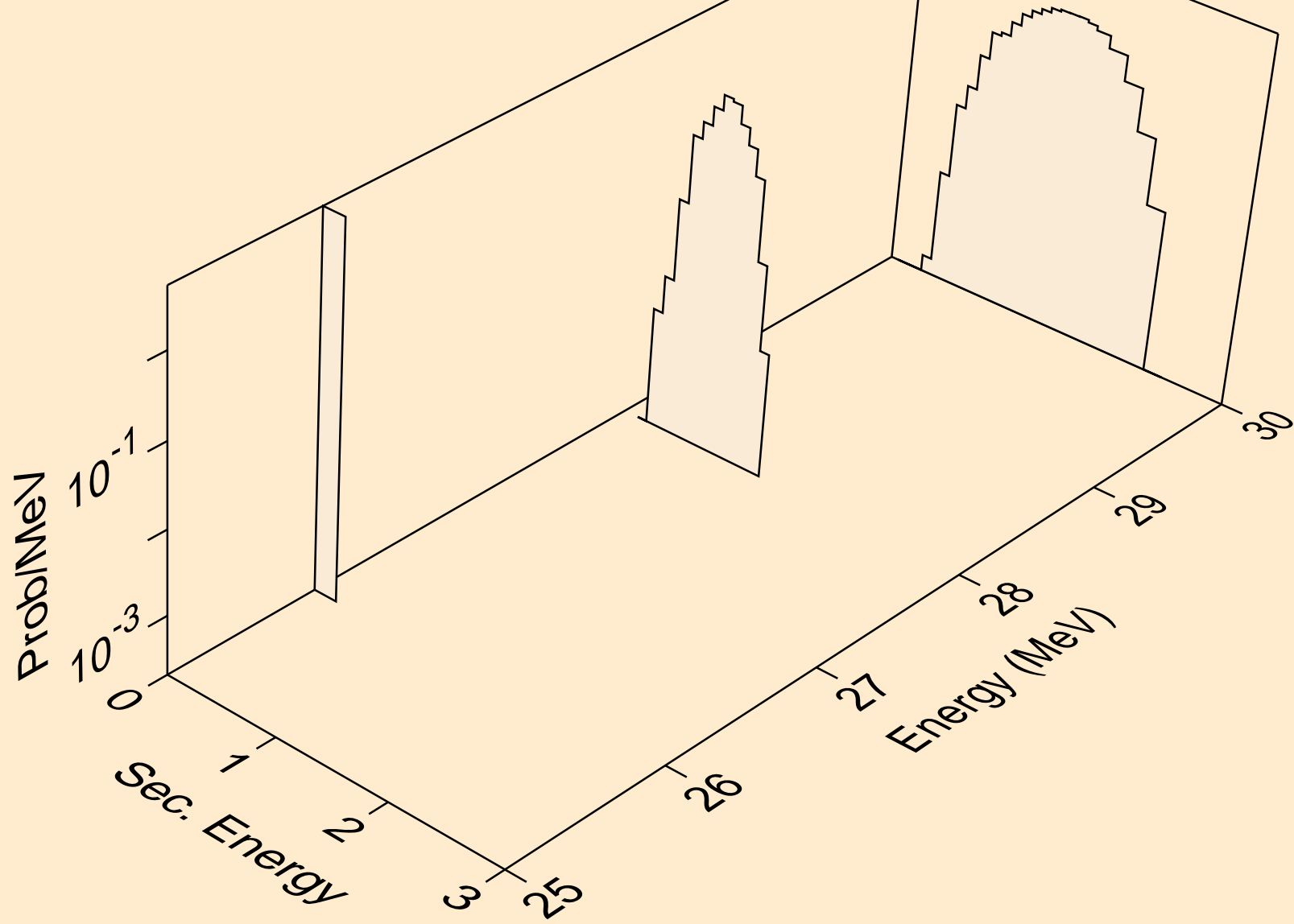
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



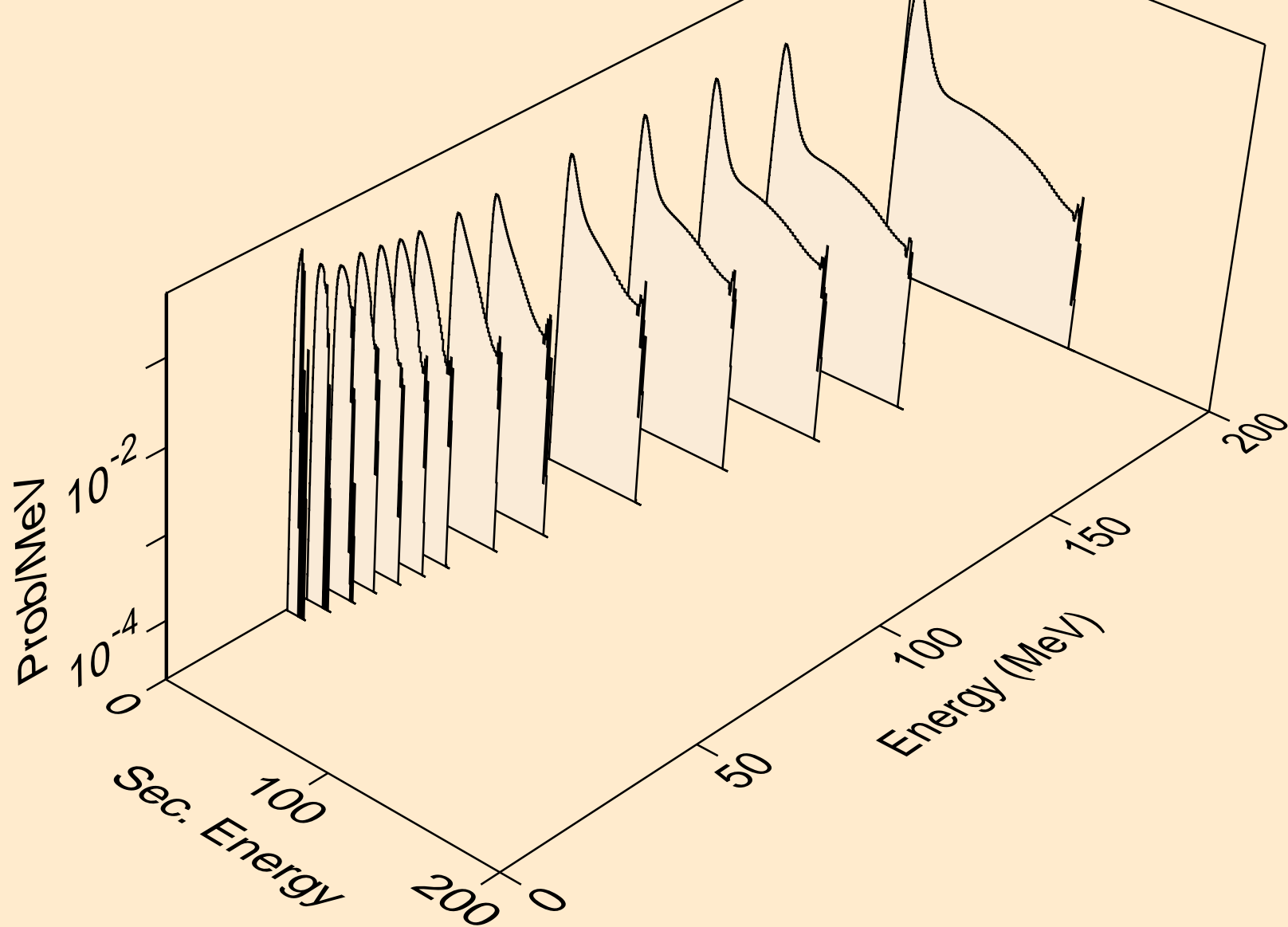
N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)

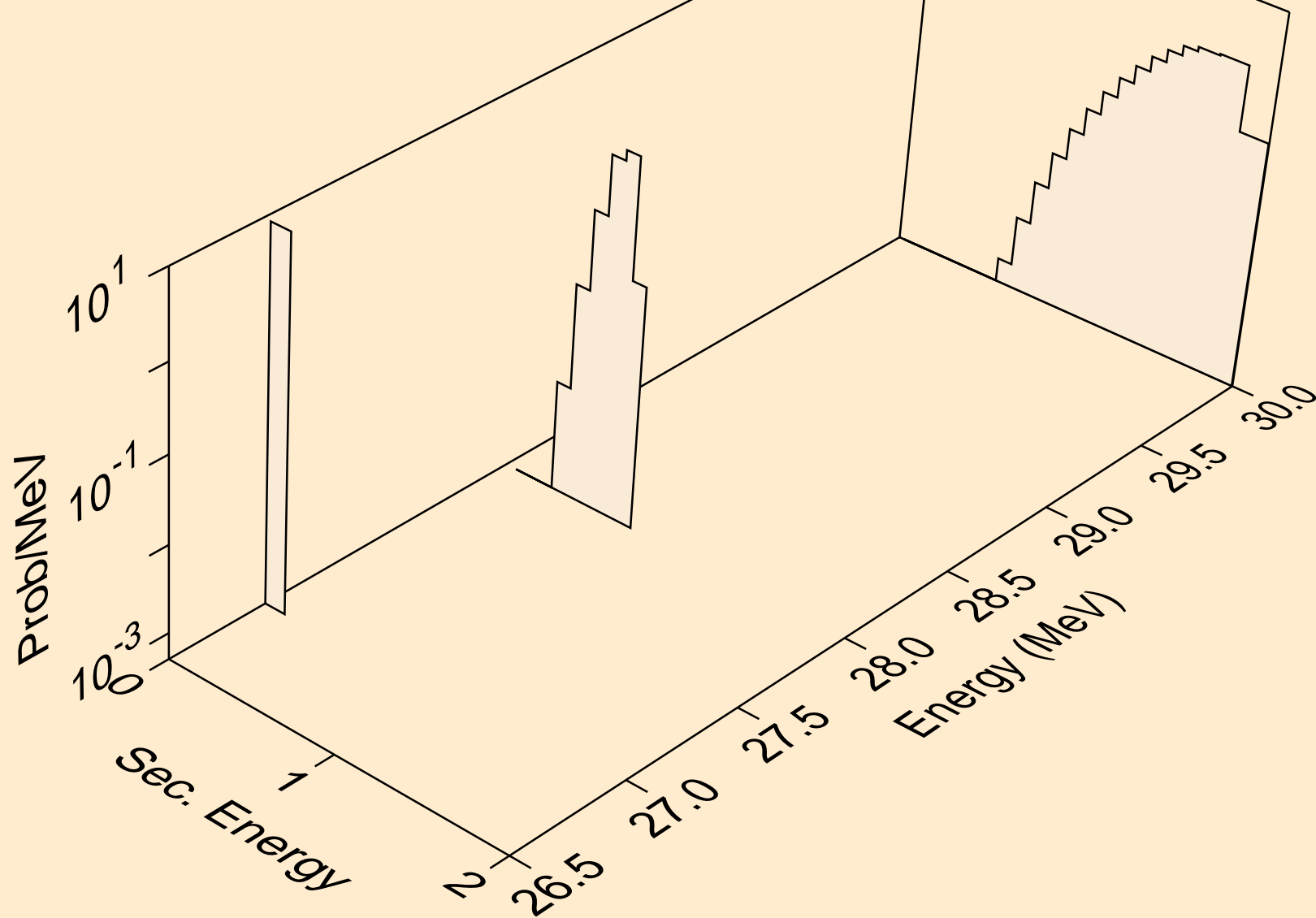


N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)





N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



N013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

