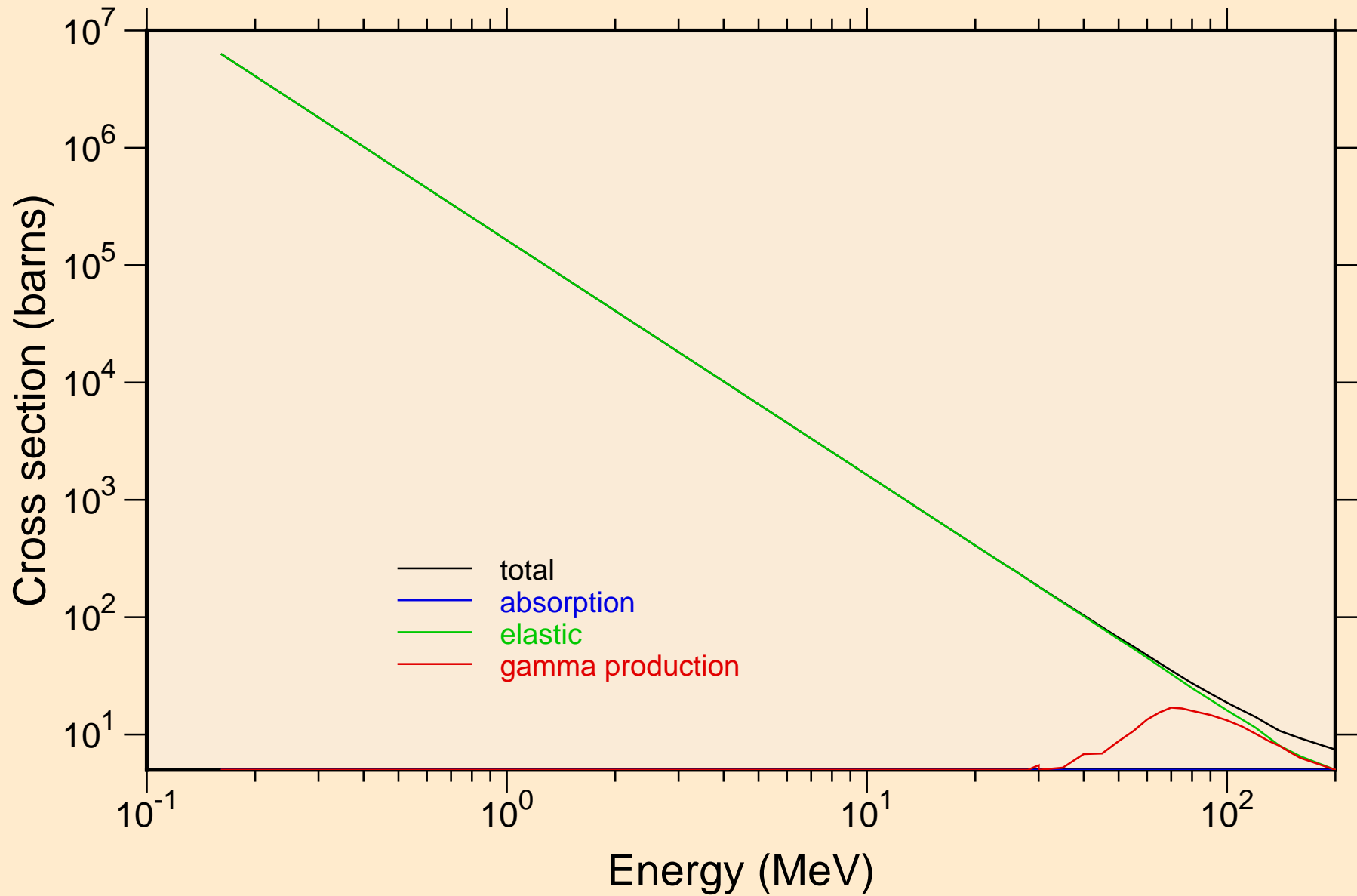
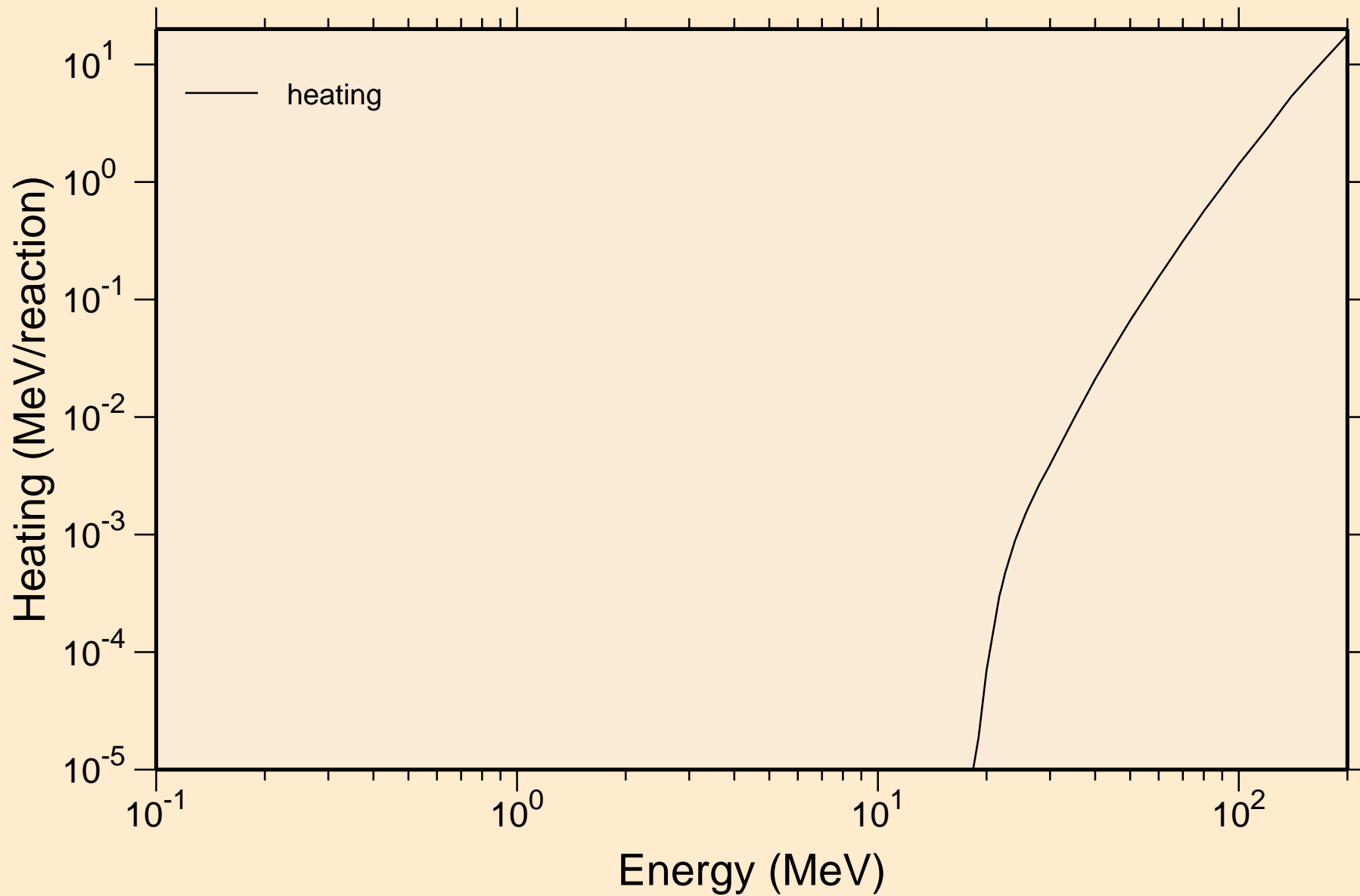


# HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

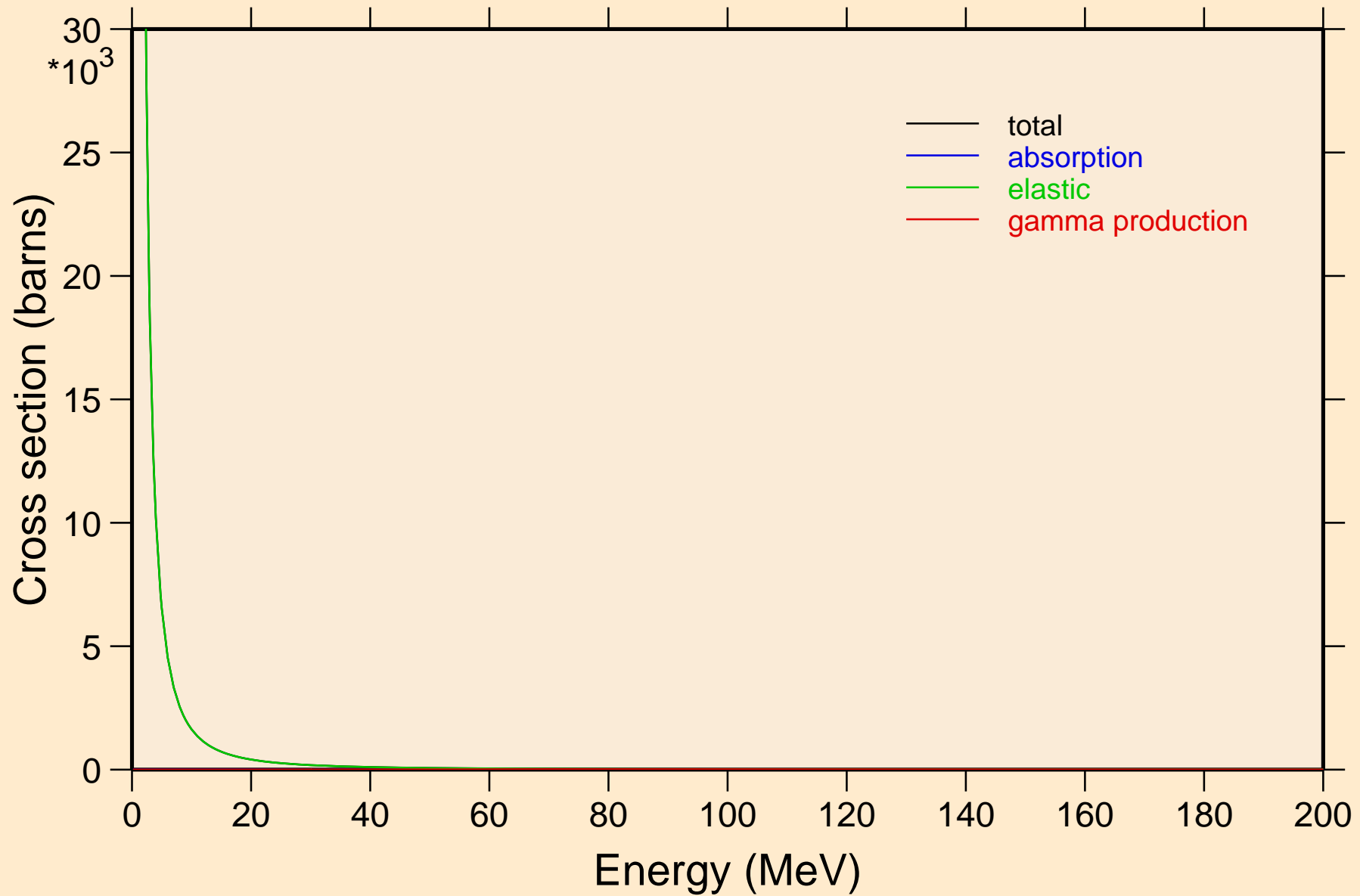


HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Heating



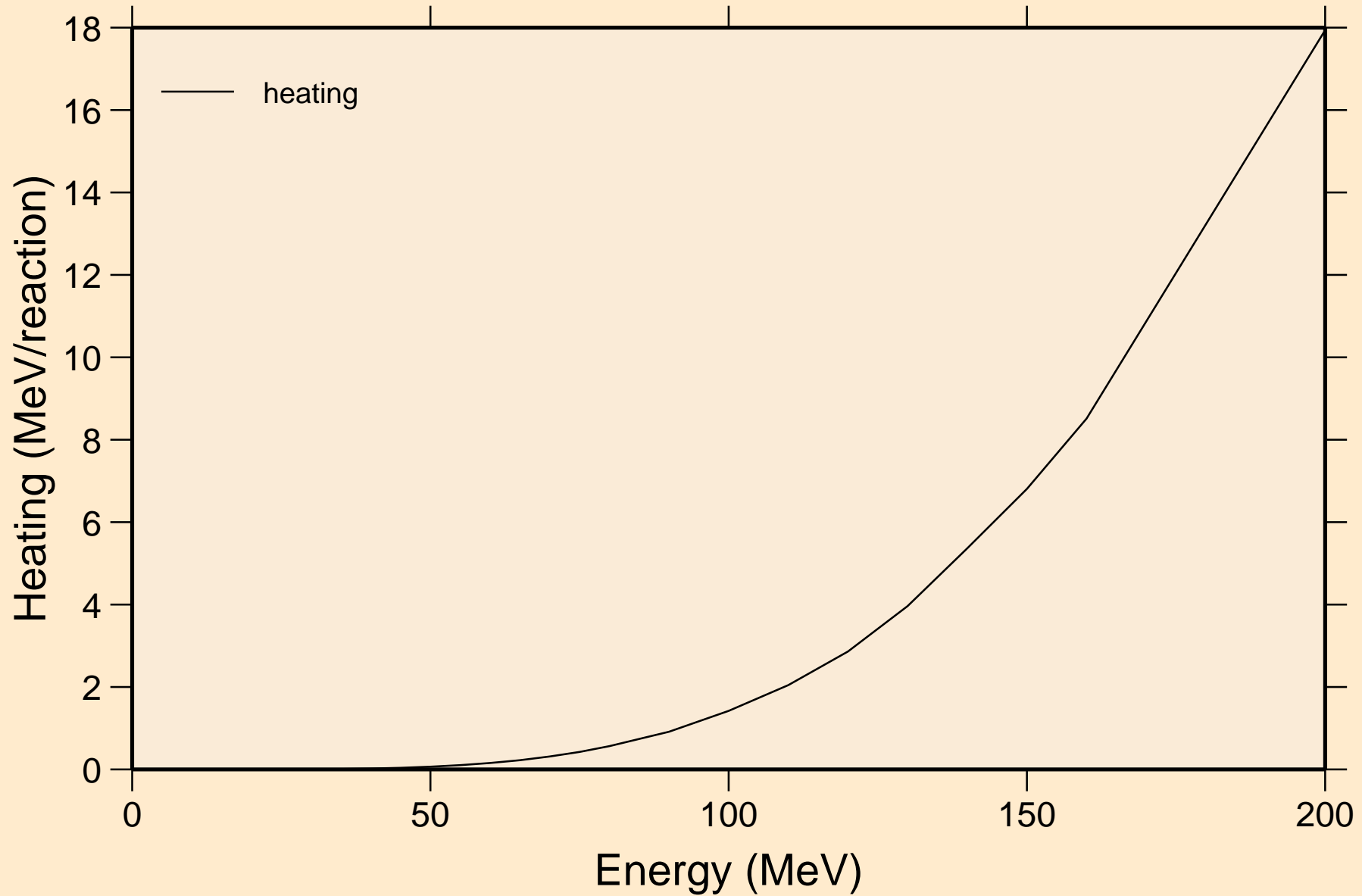
# HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

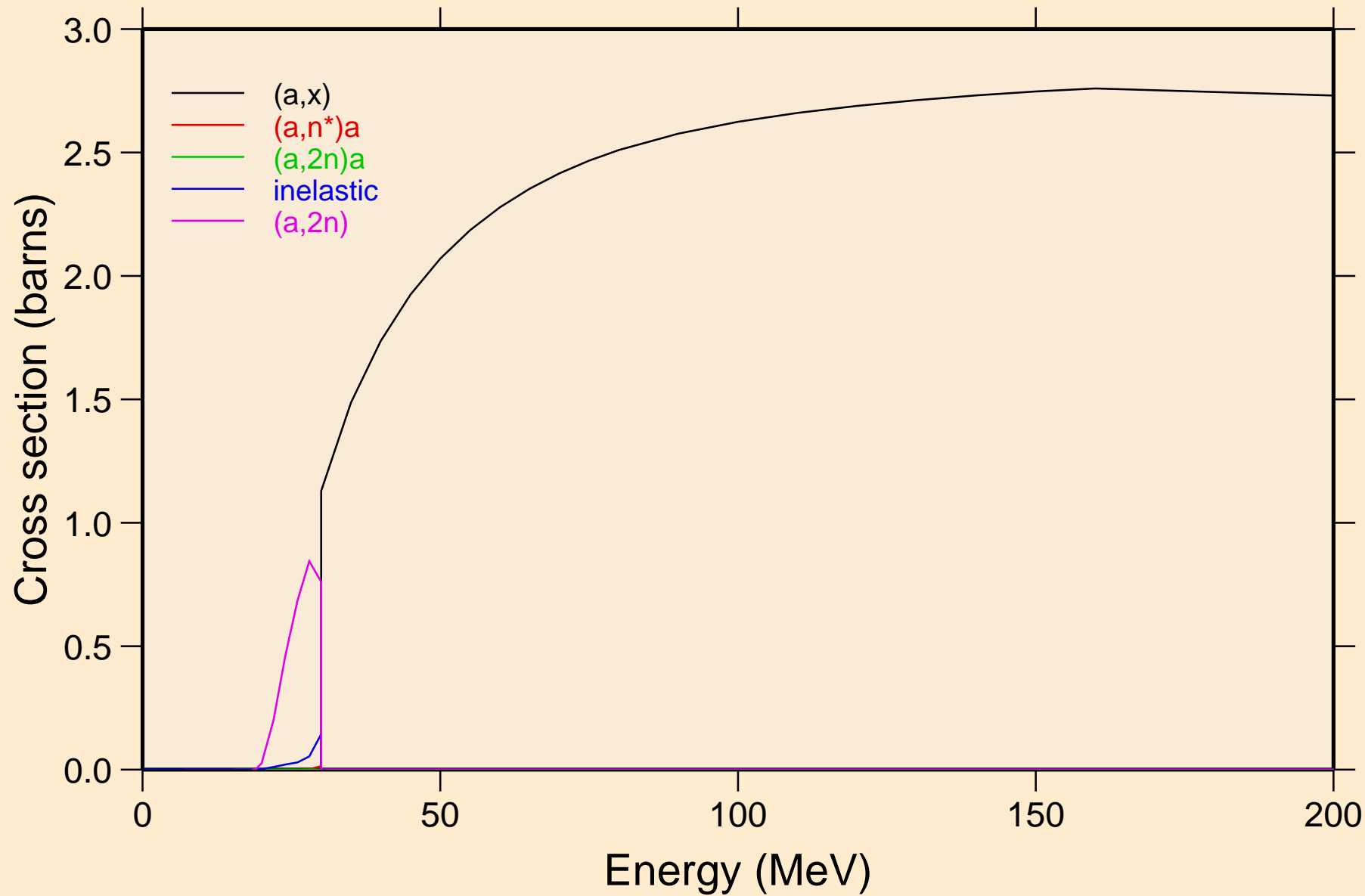


HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating

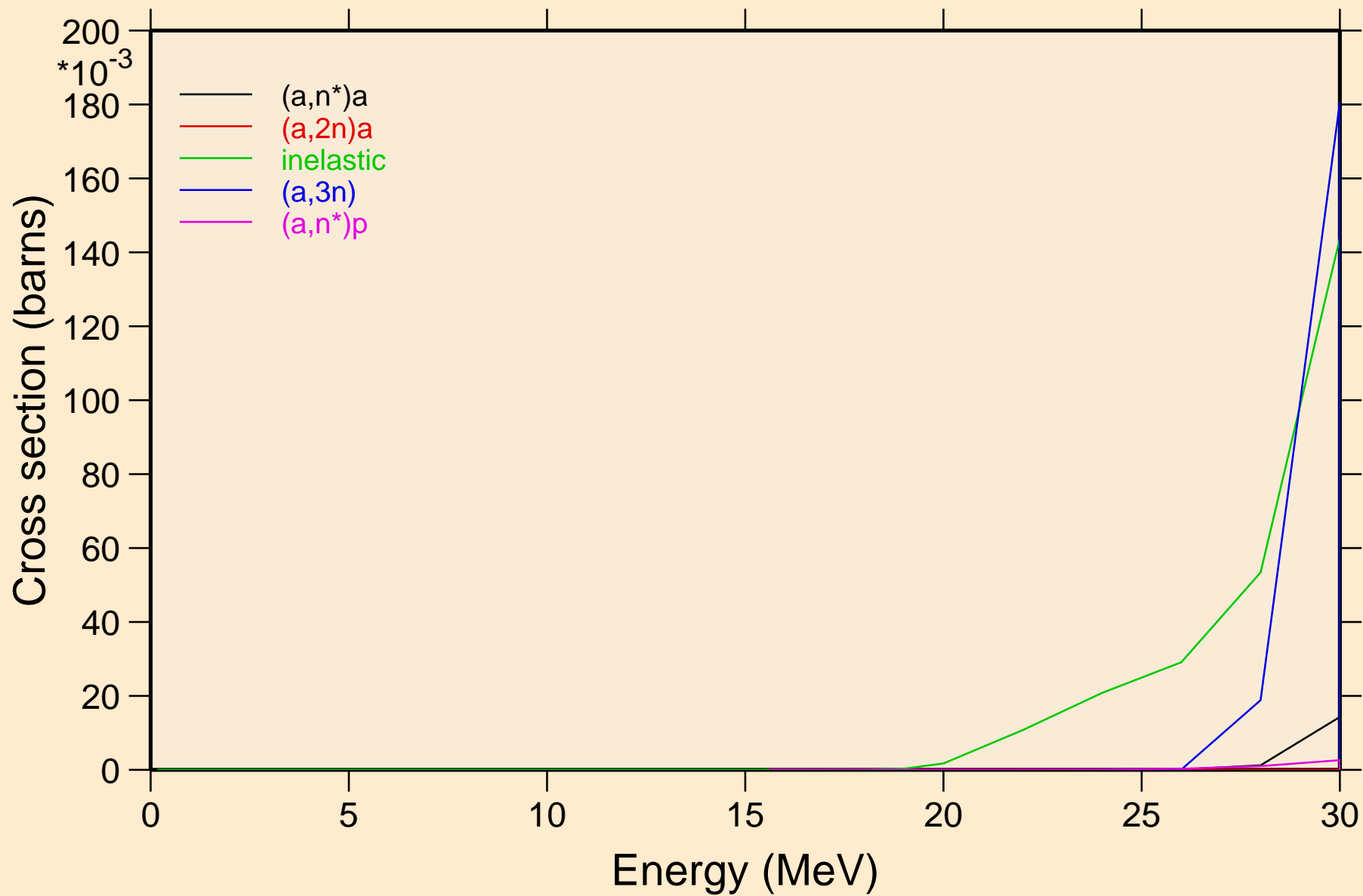


HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

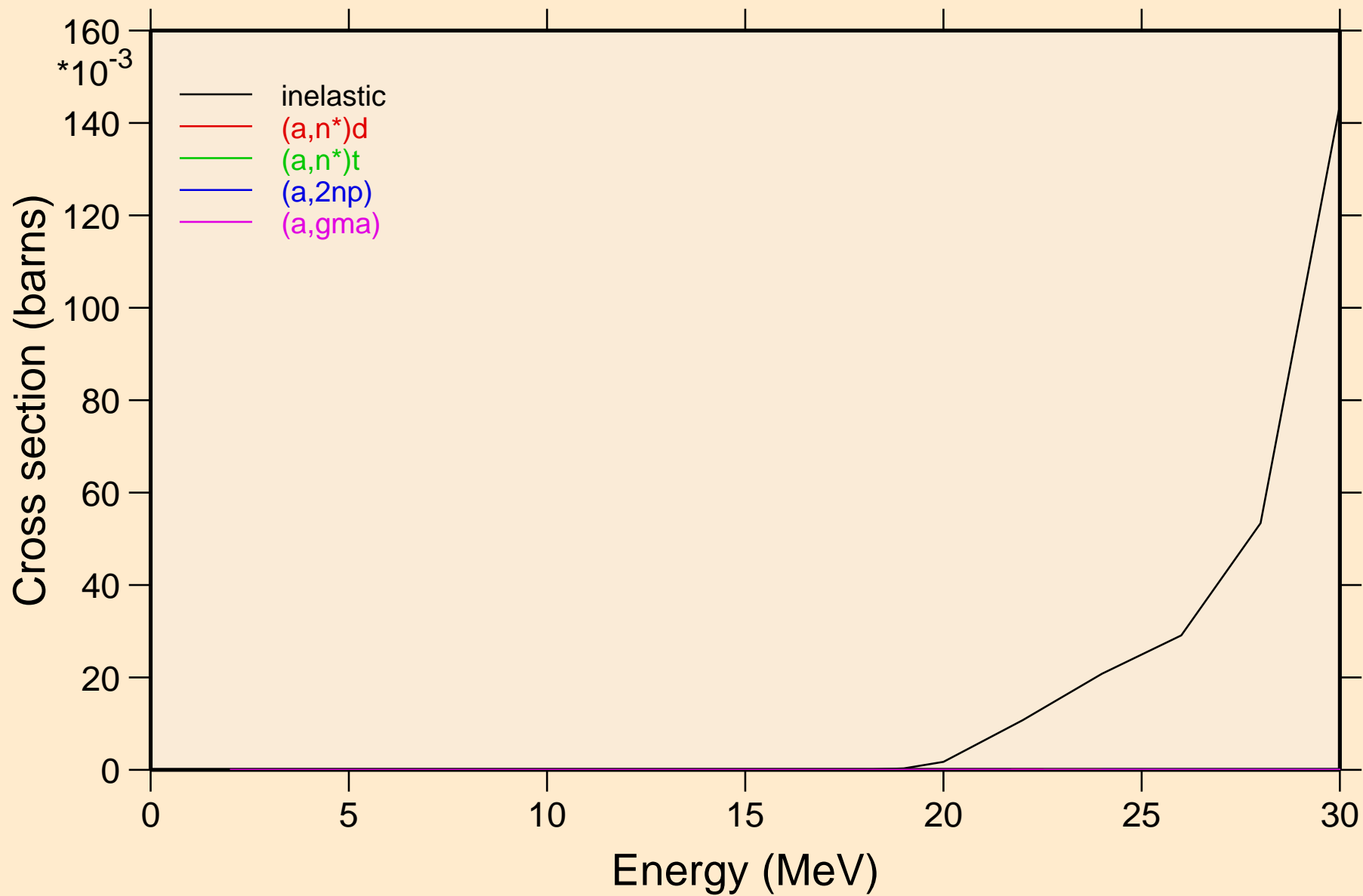


# HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

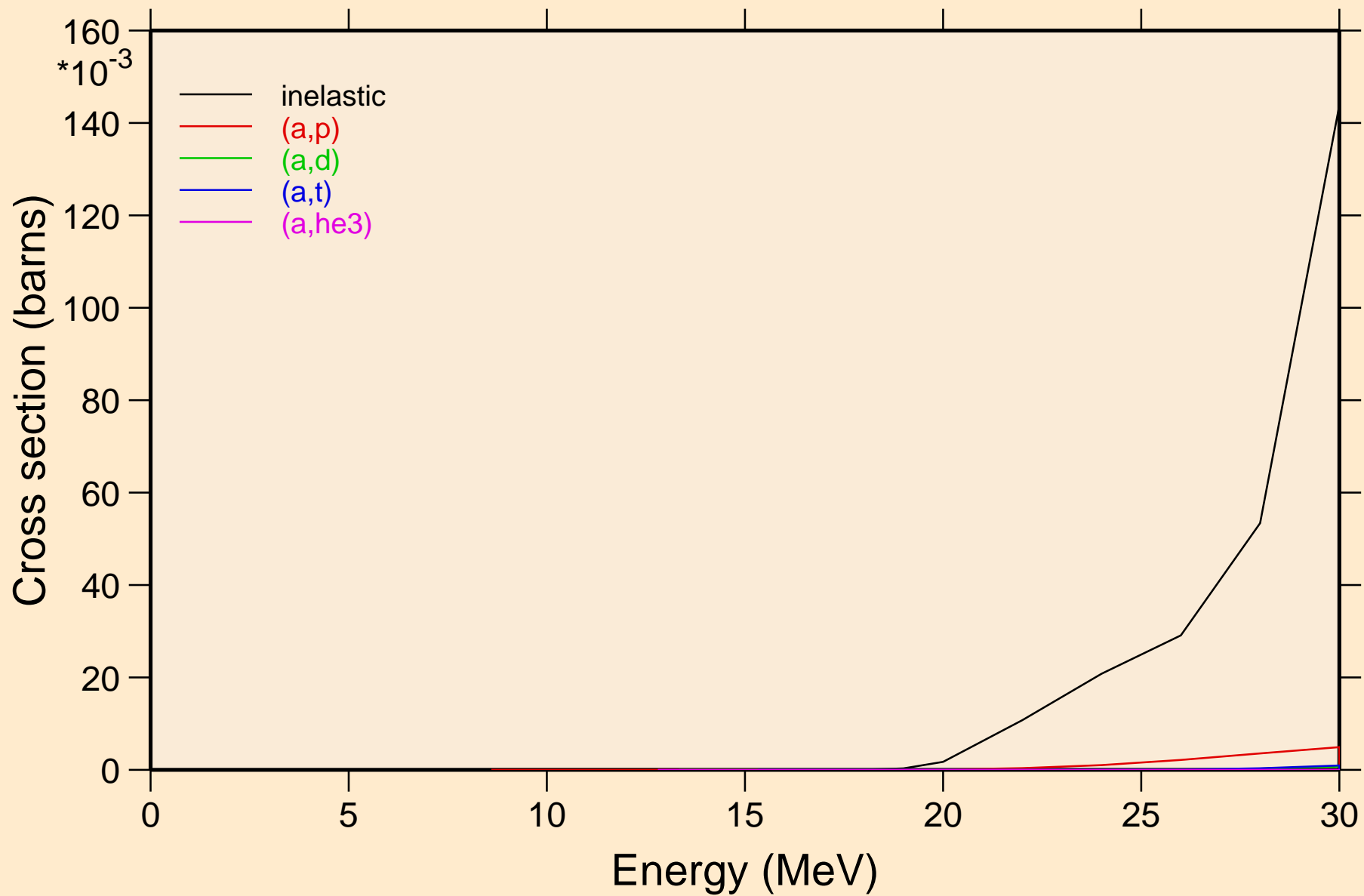
## Threshold reactions



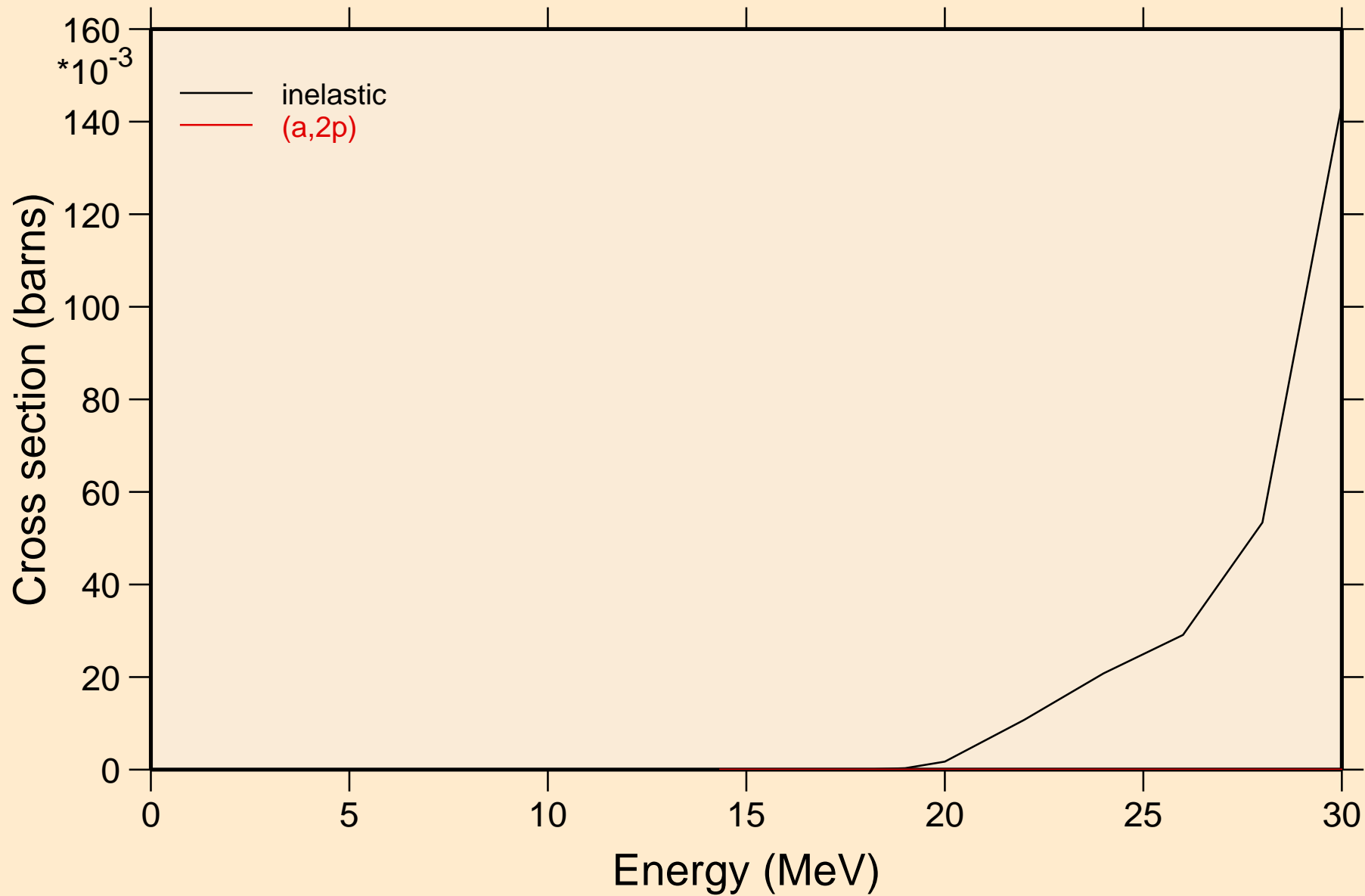
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



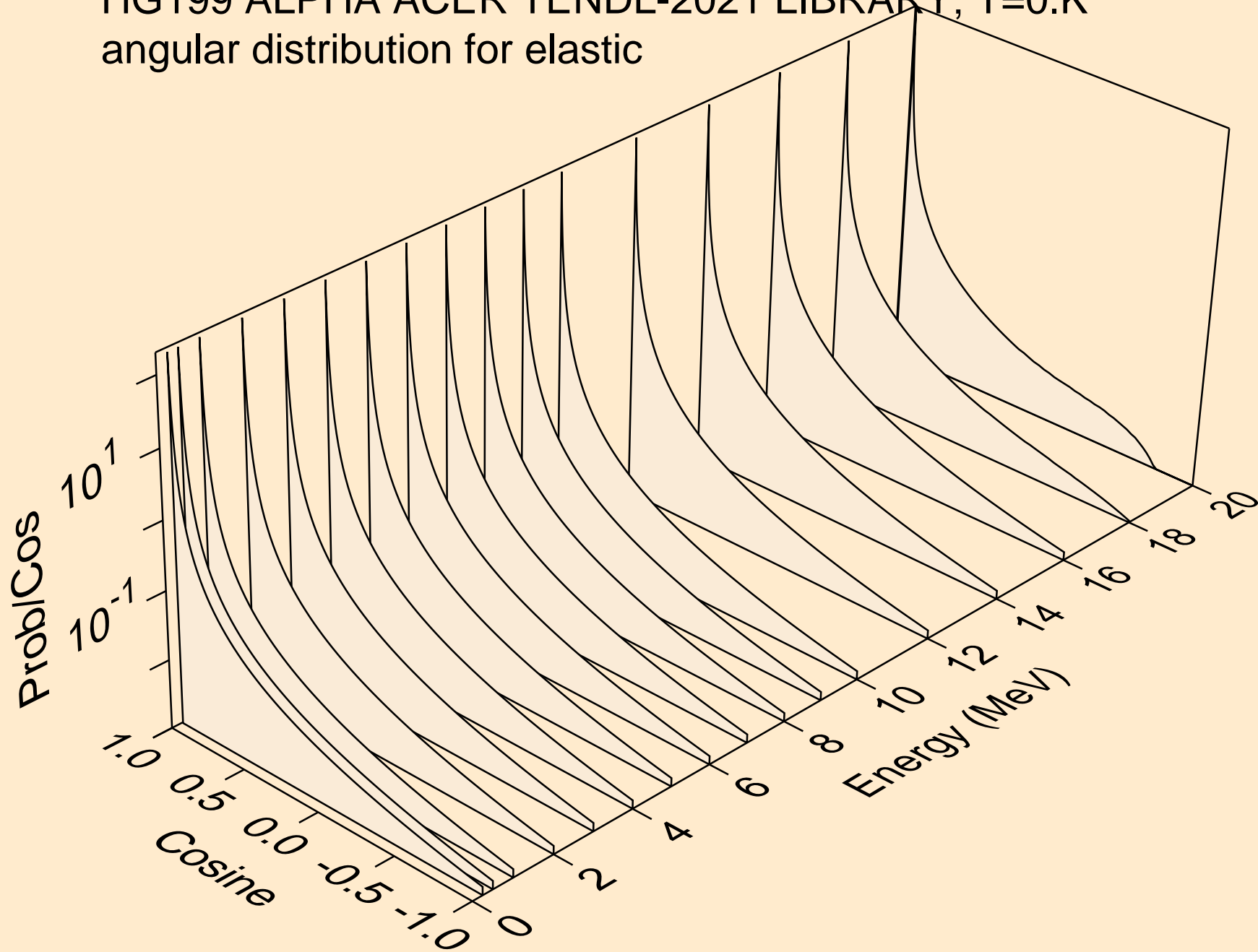
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



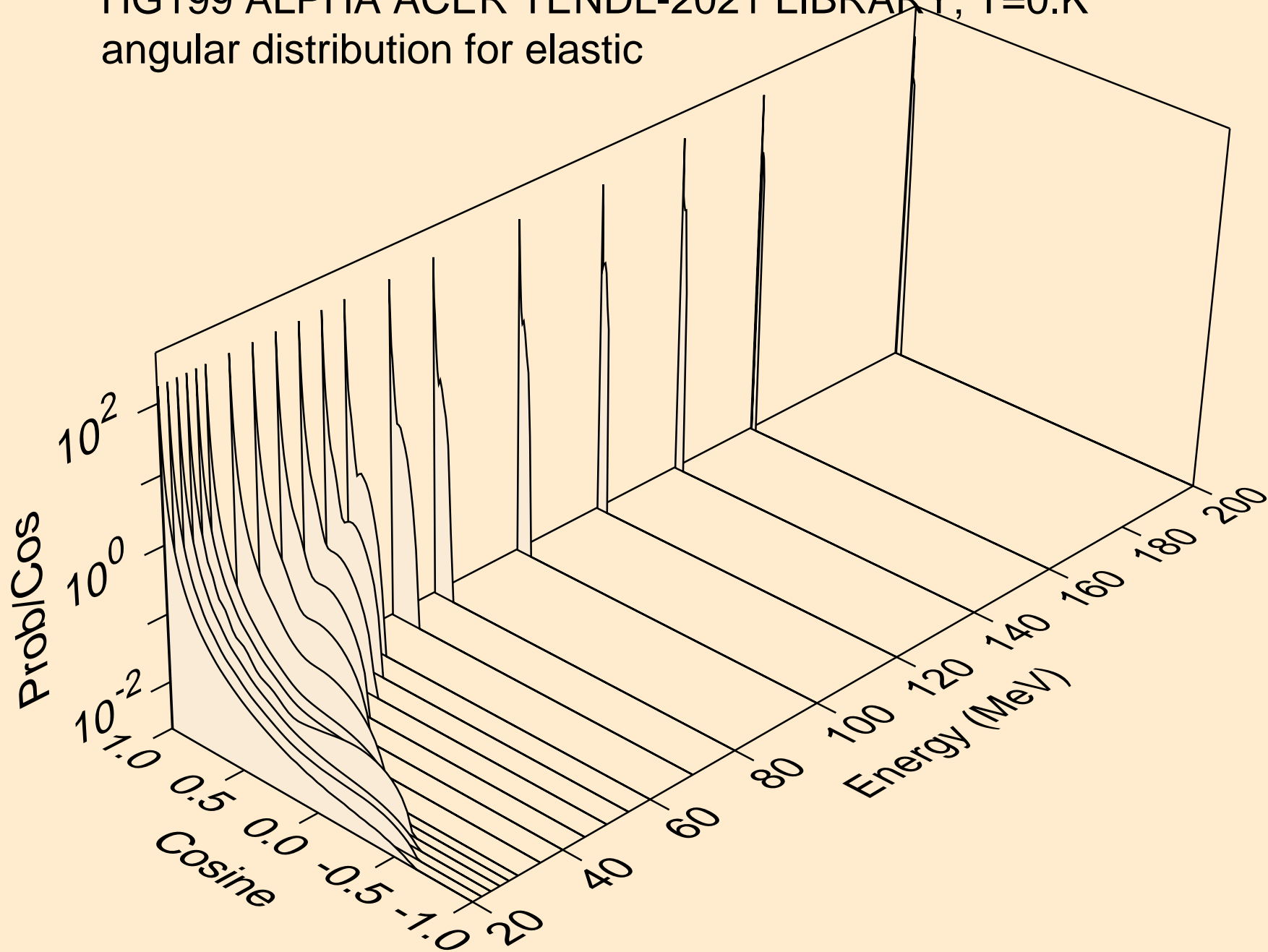
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



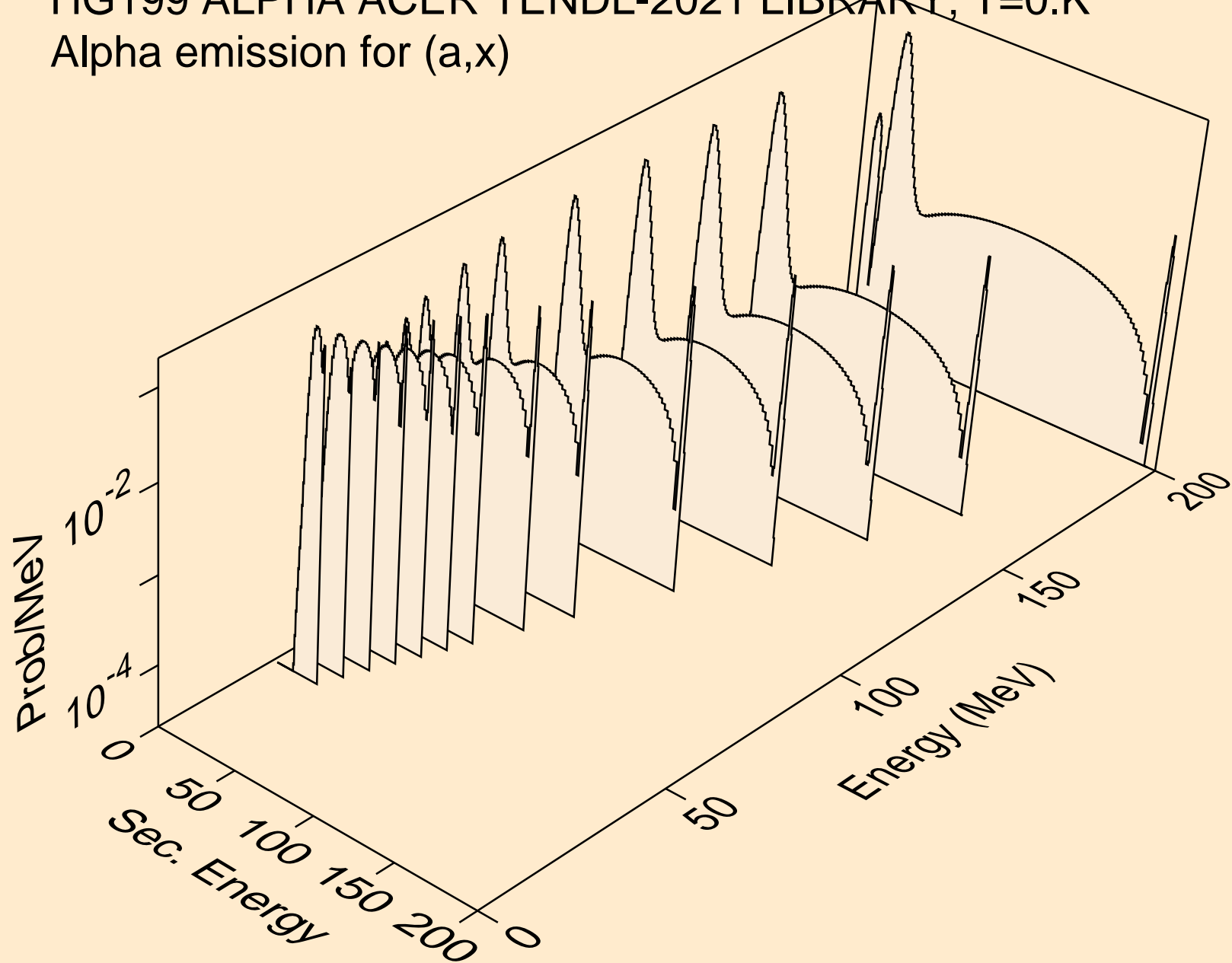
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



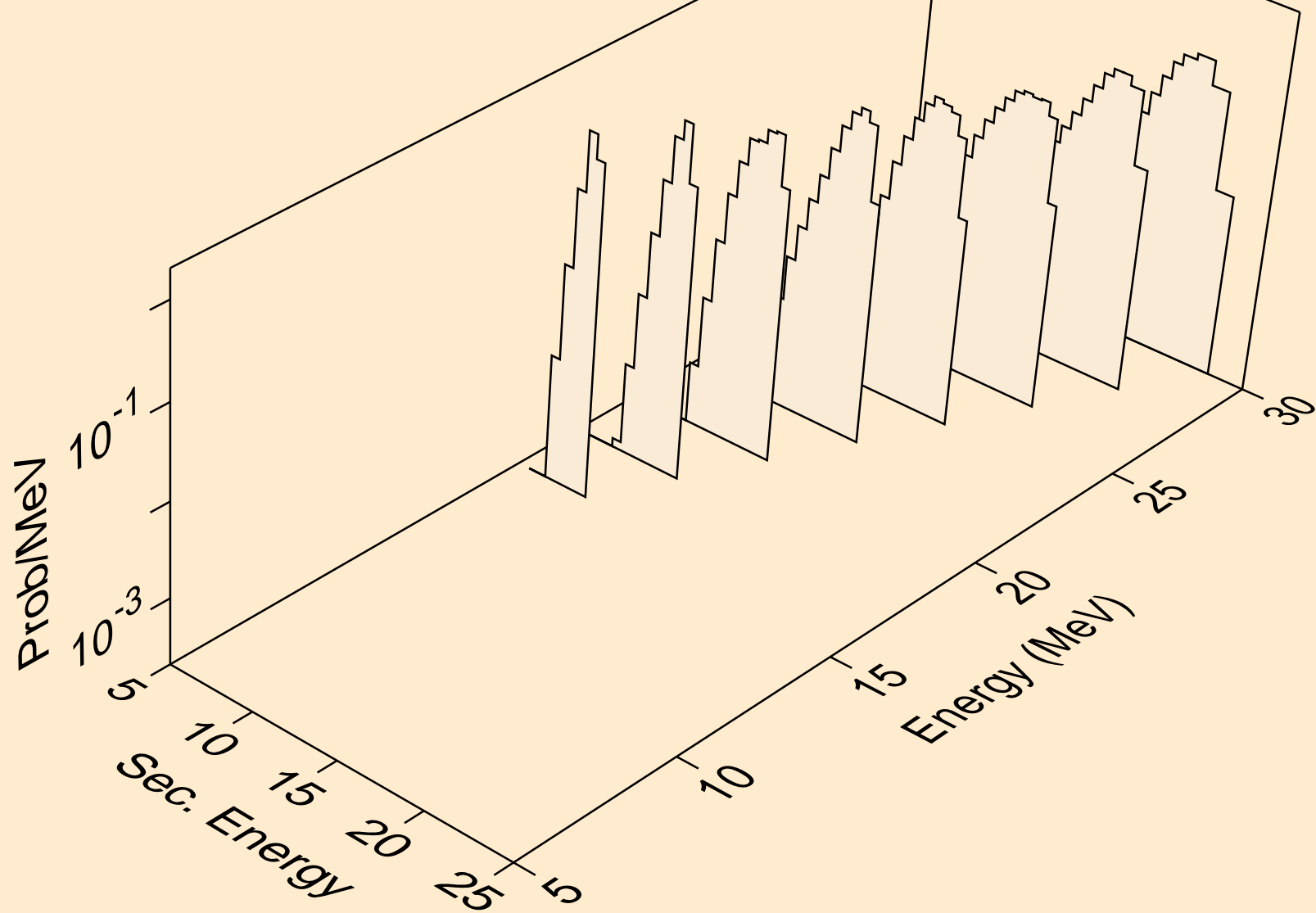
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



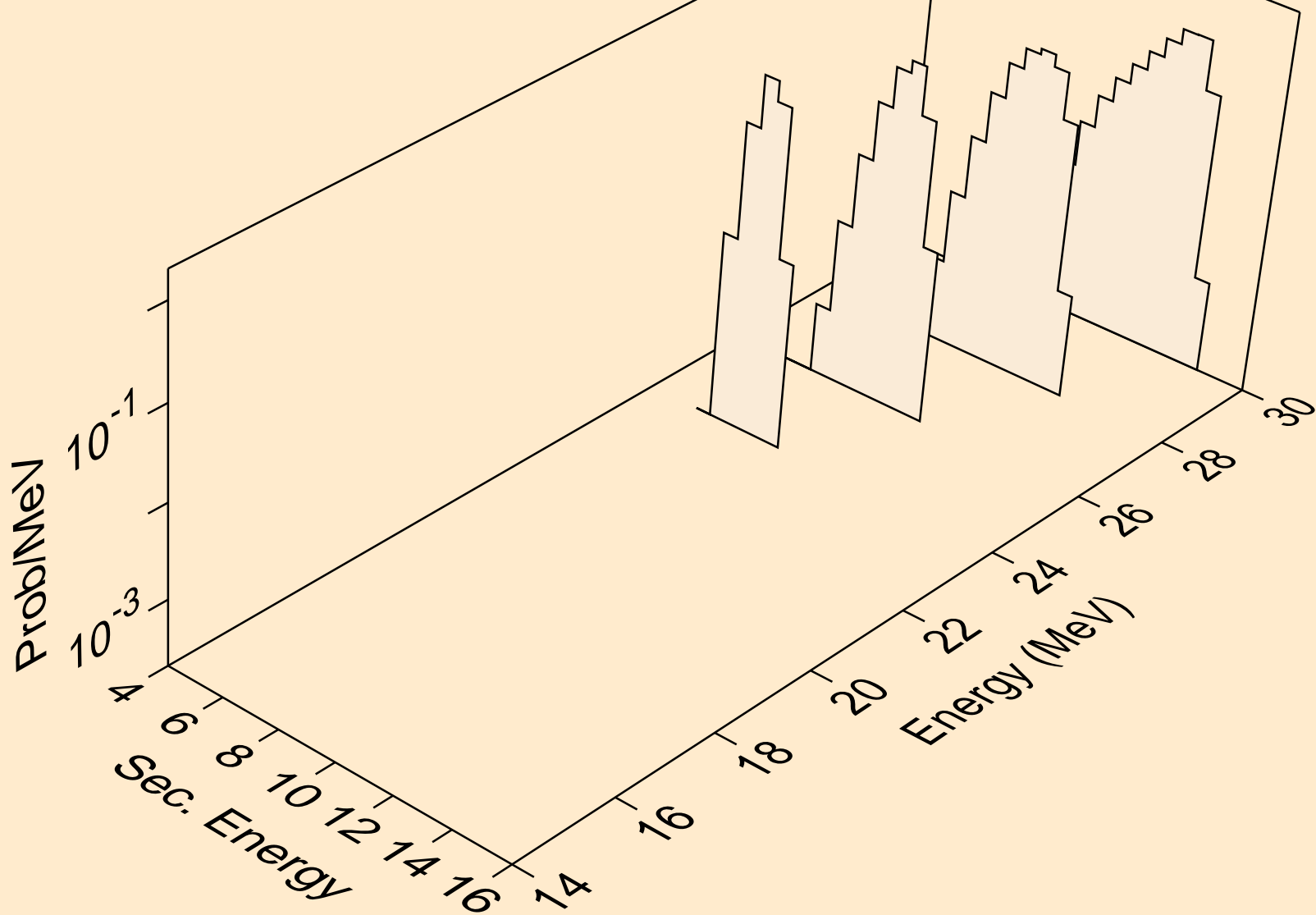
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



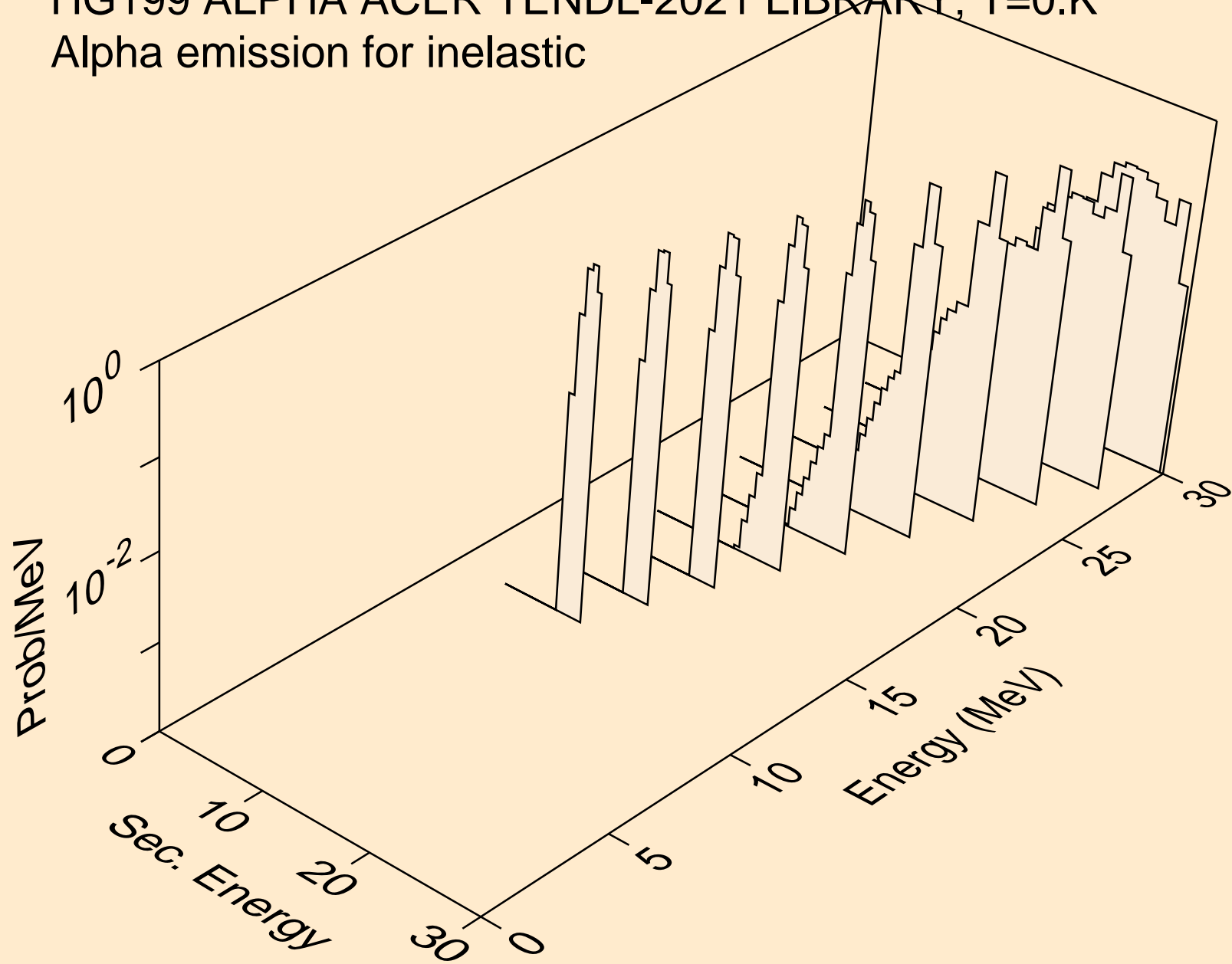
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



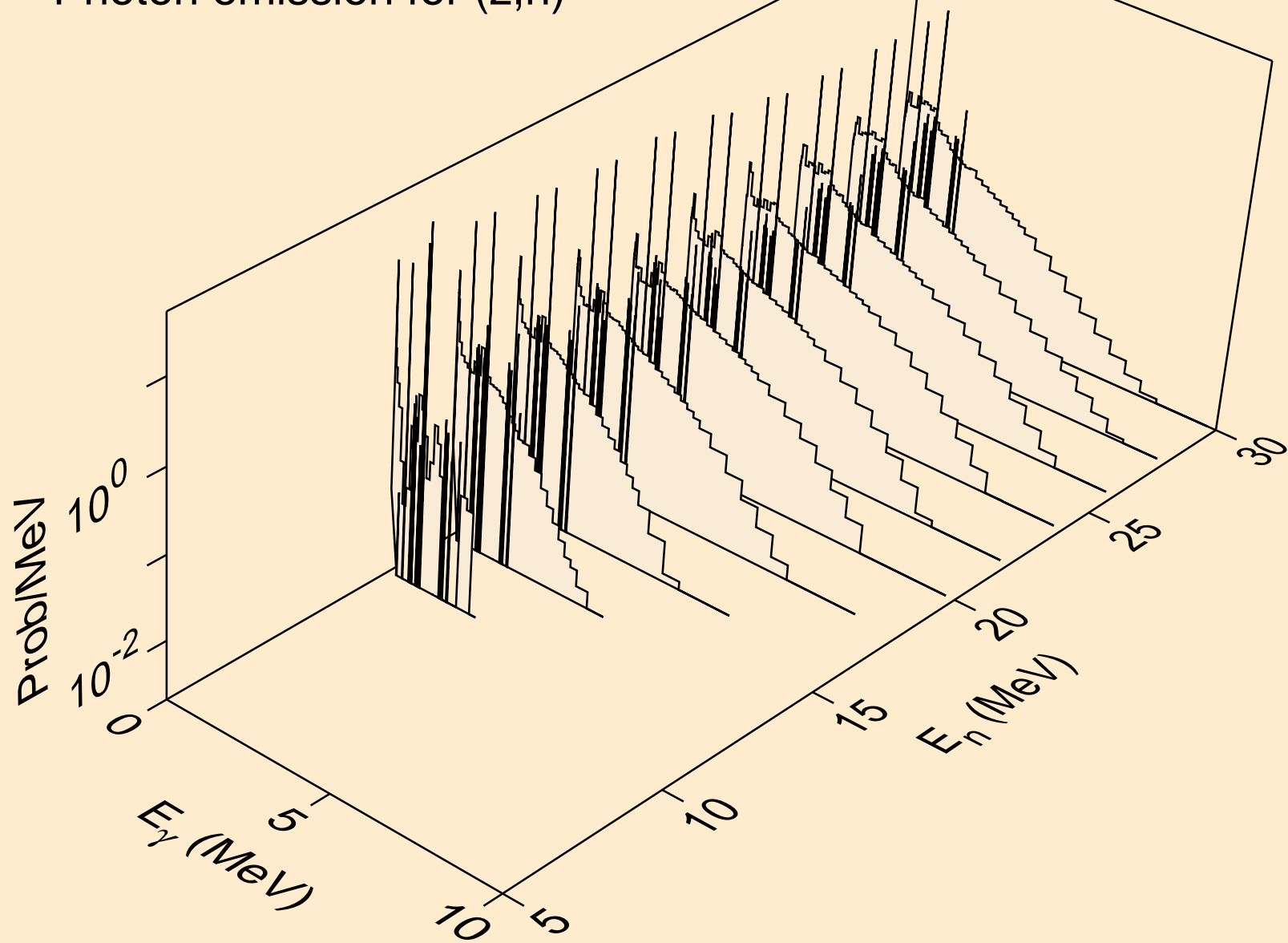
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



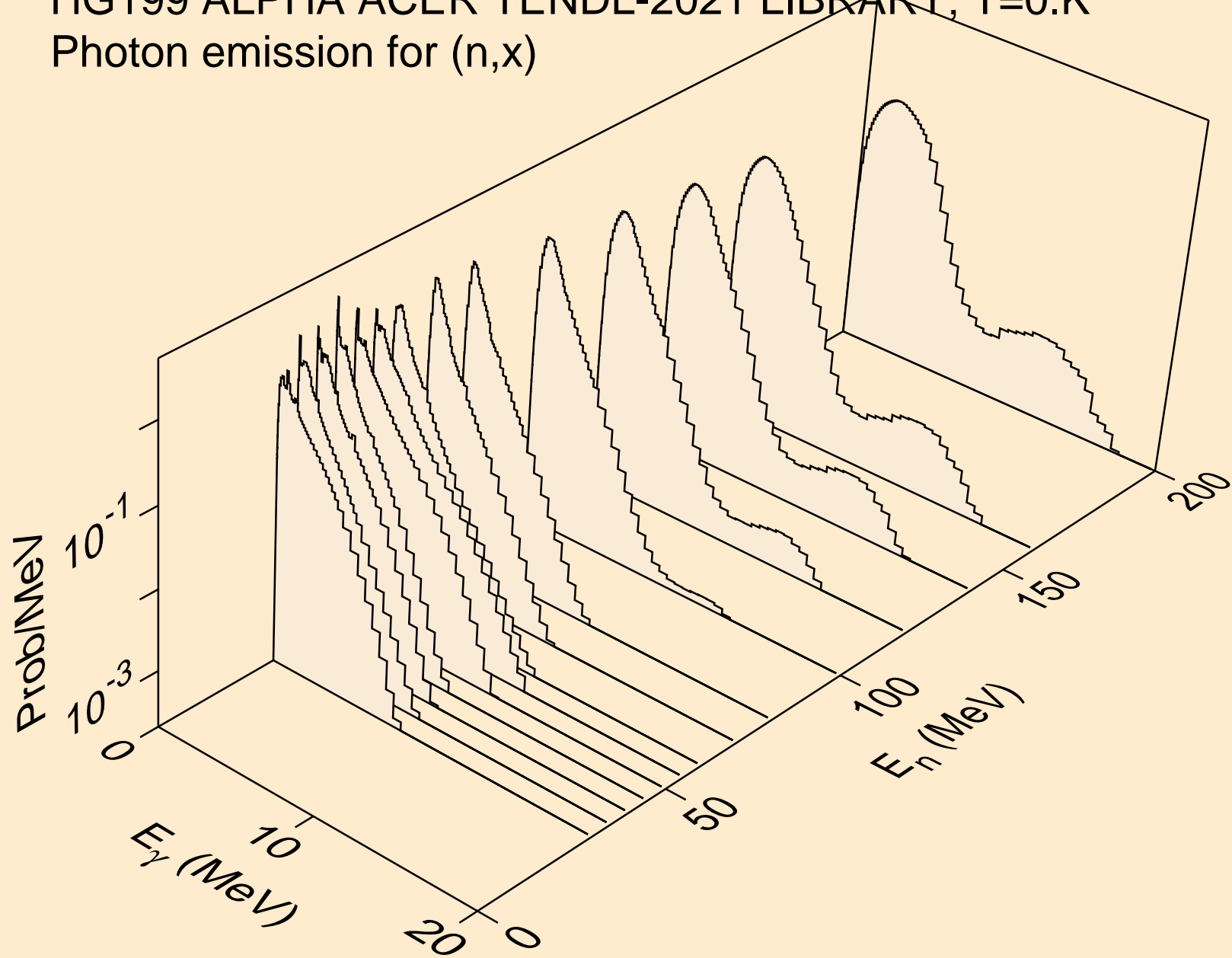
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



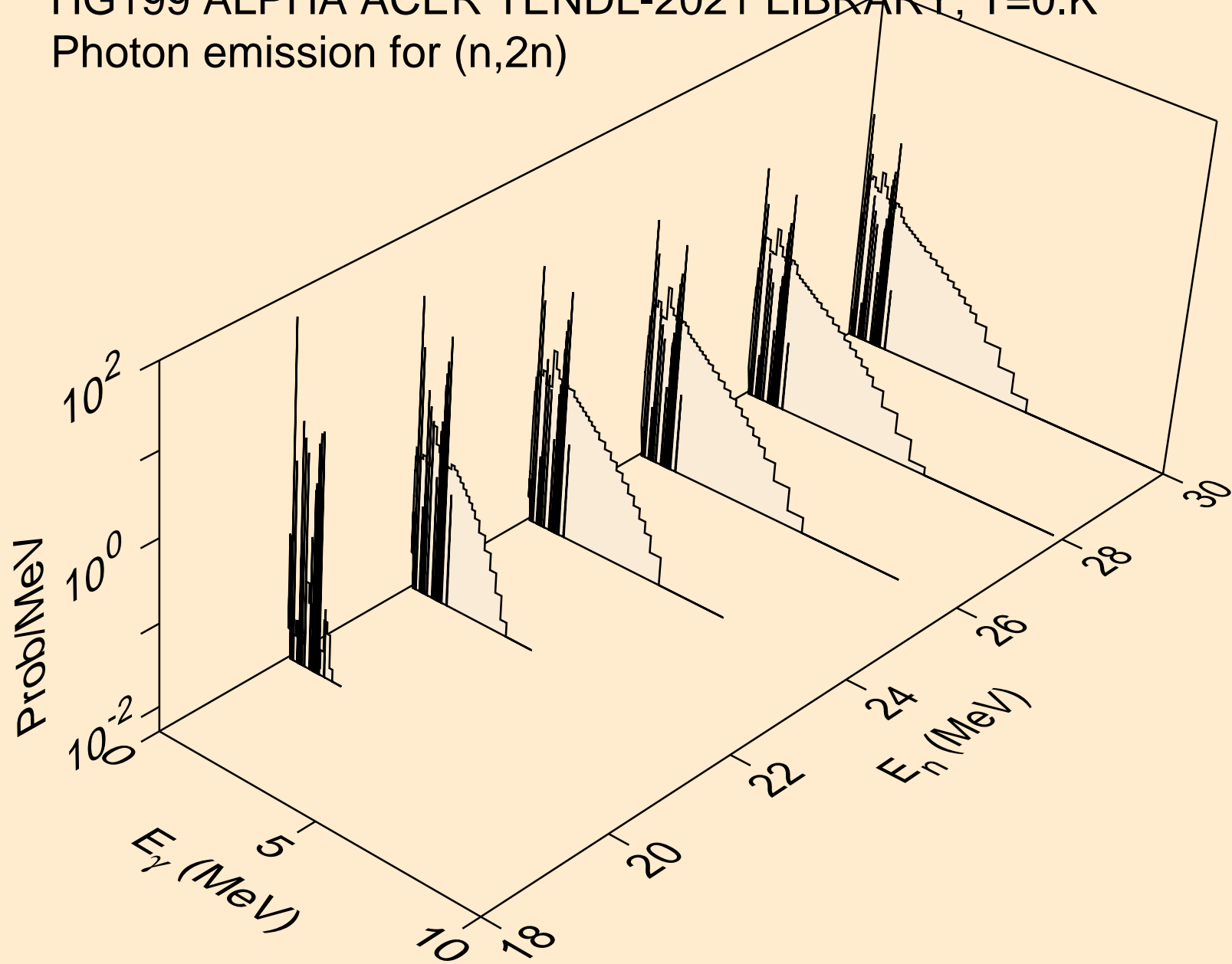
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



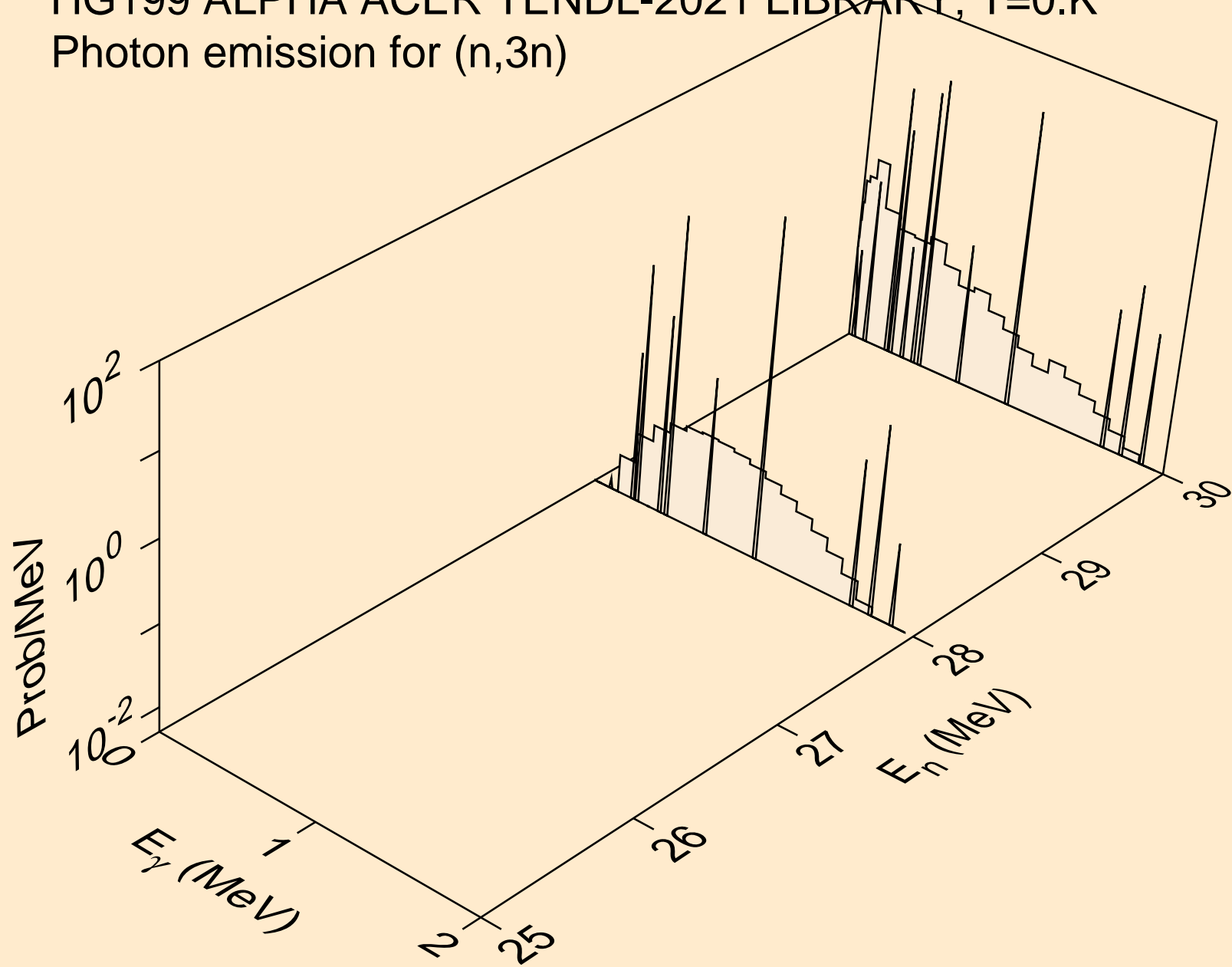
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



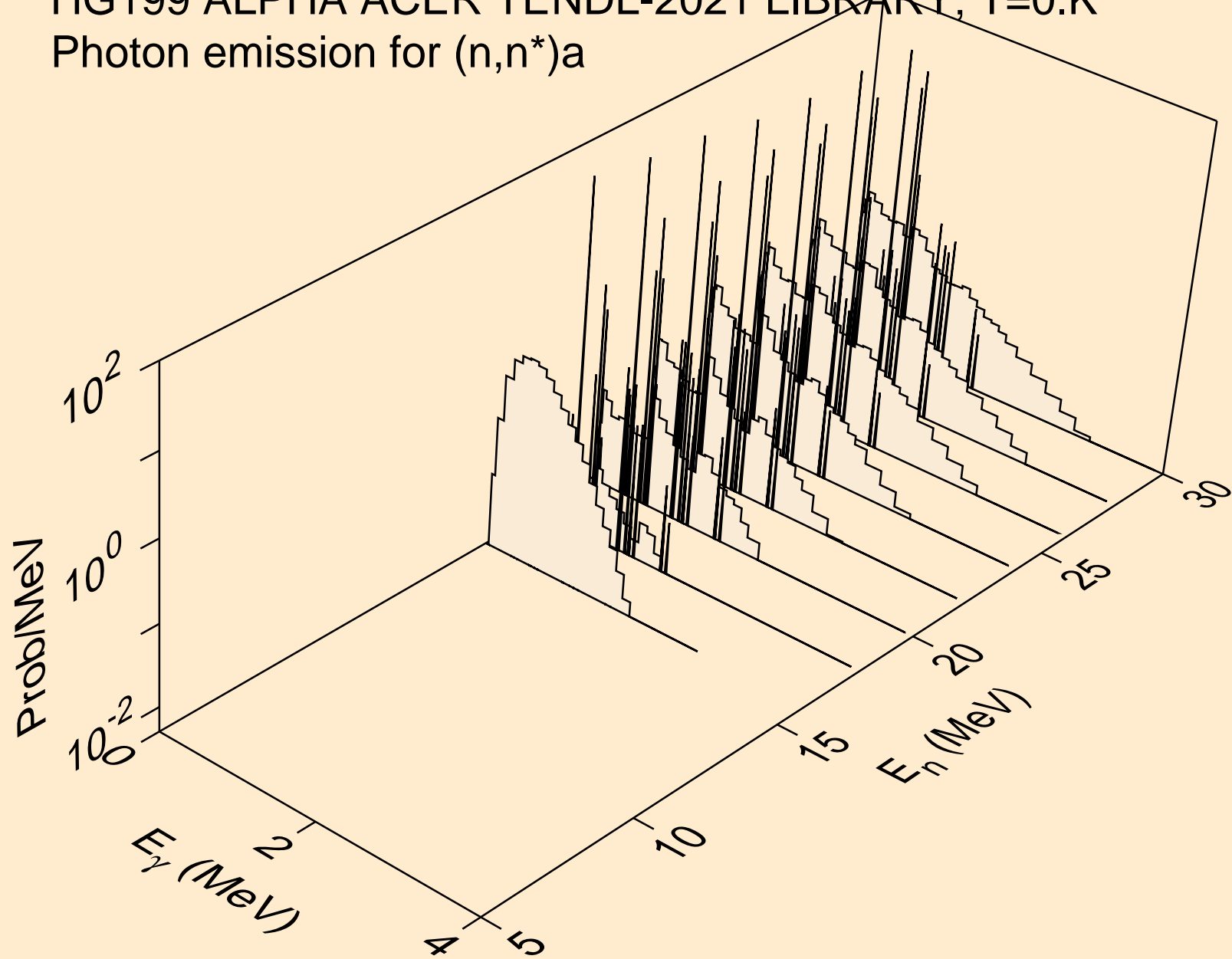
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



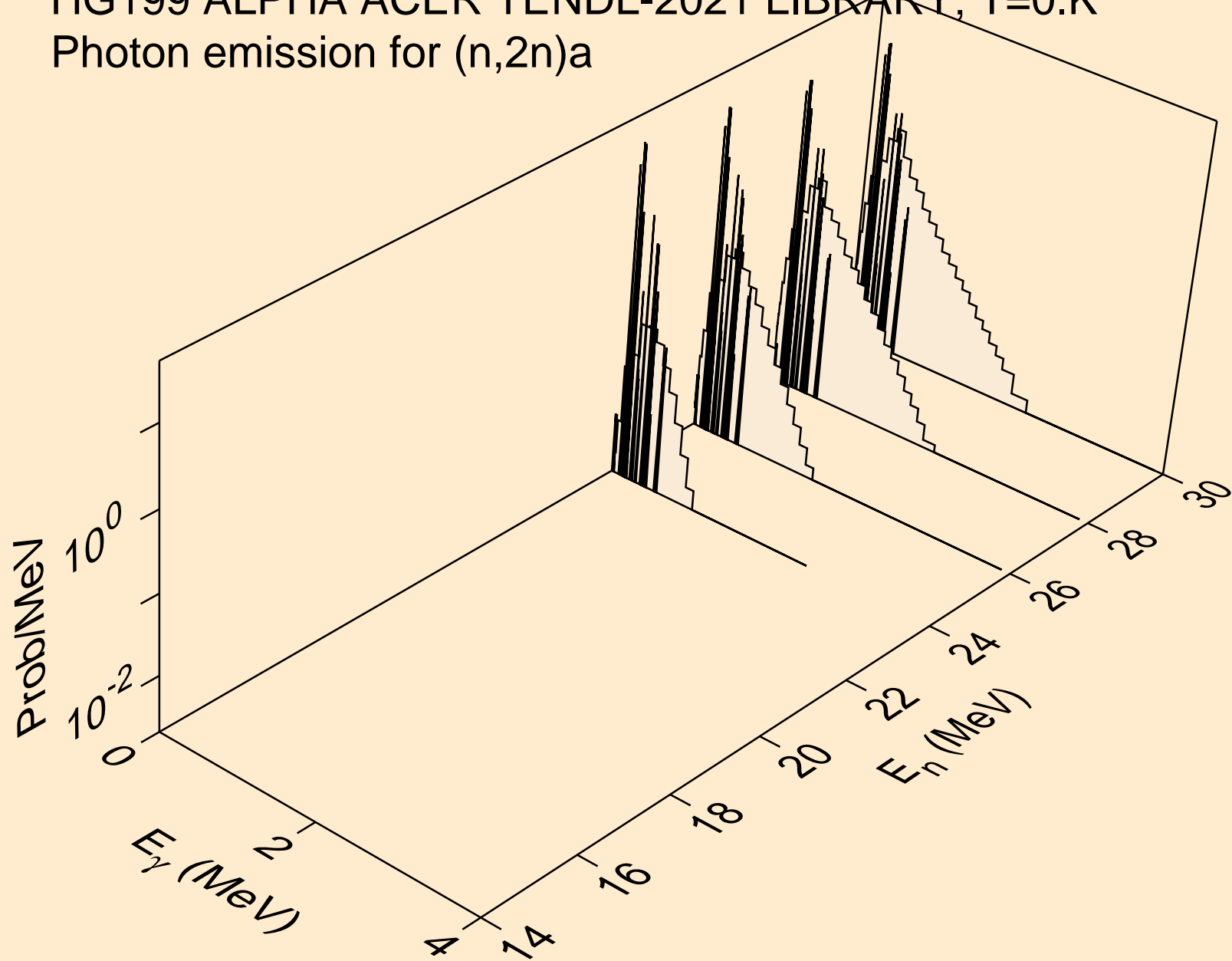
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



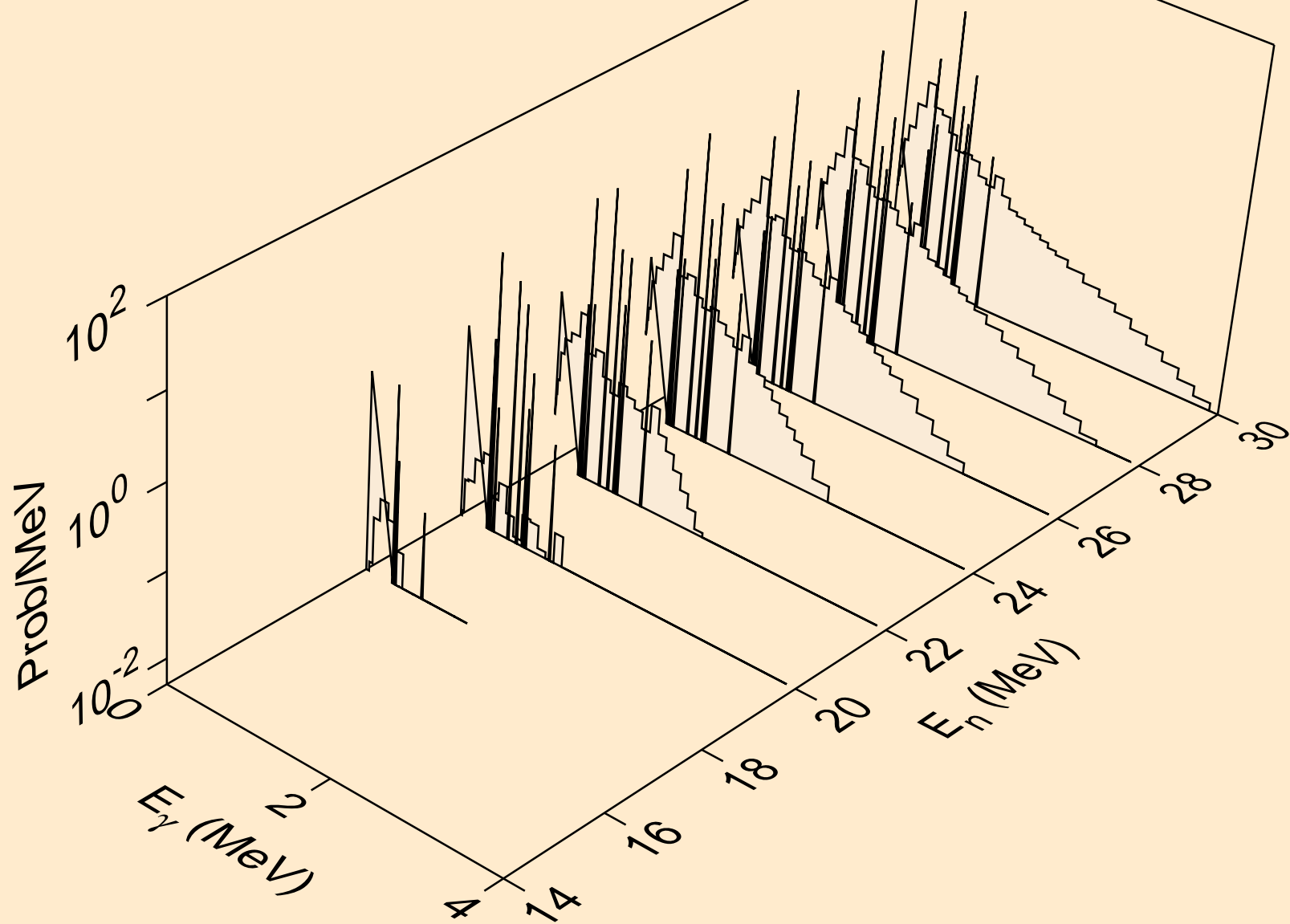
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



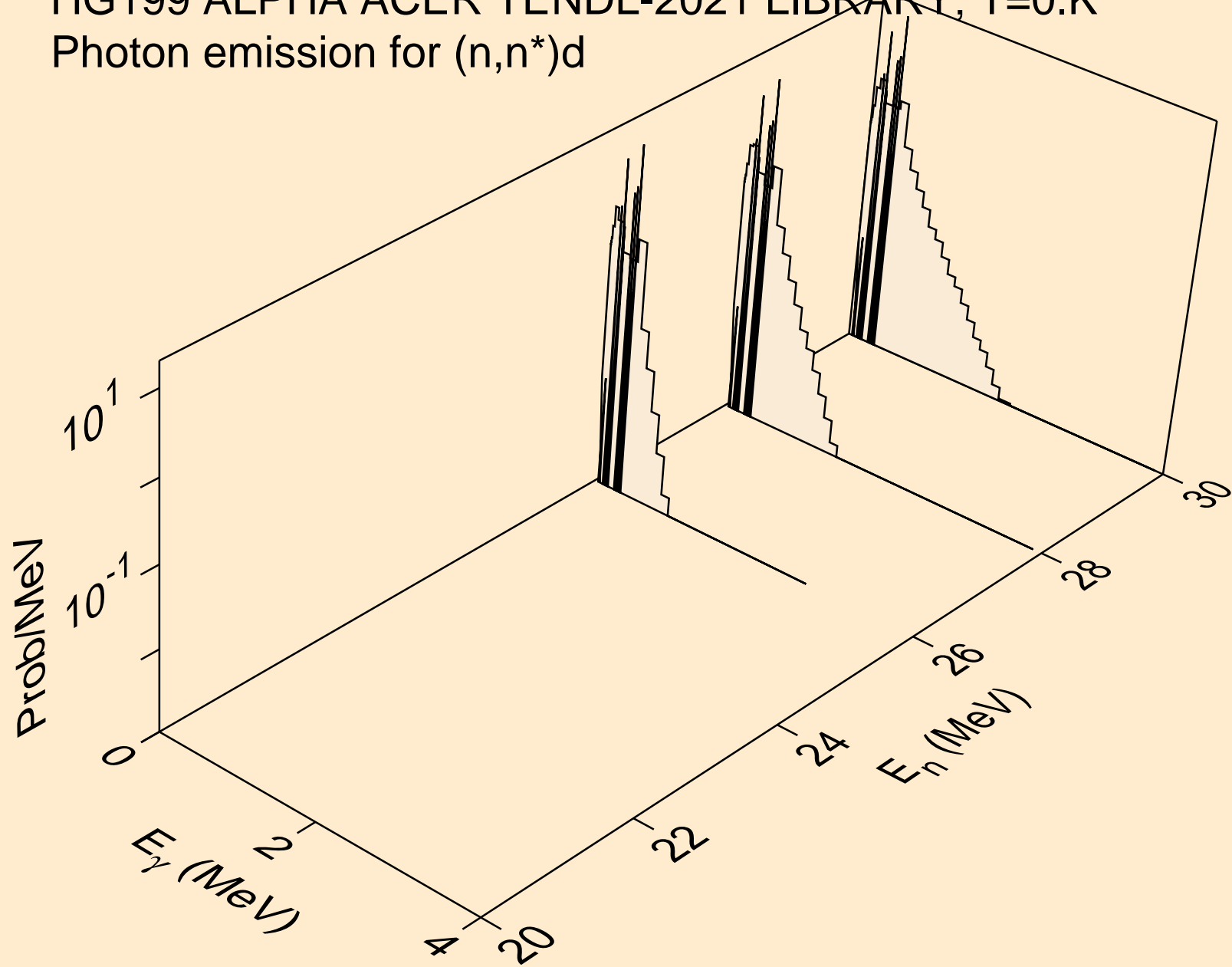
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



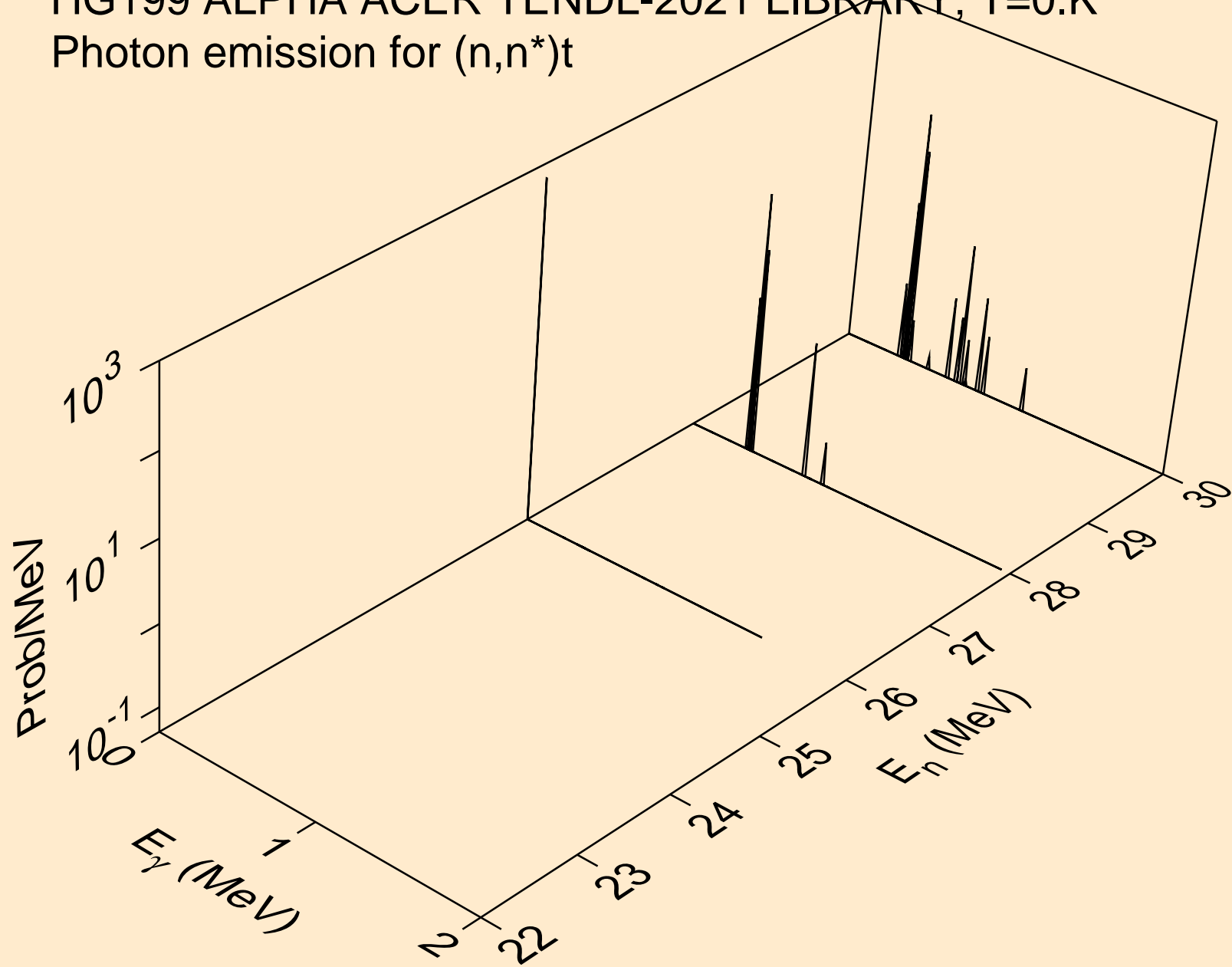
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



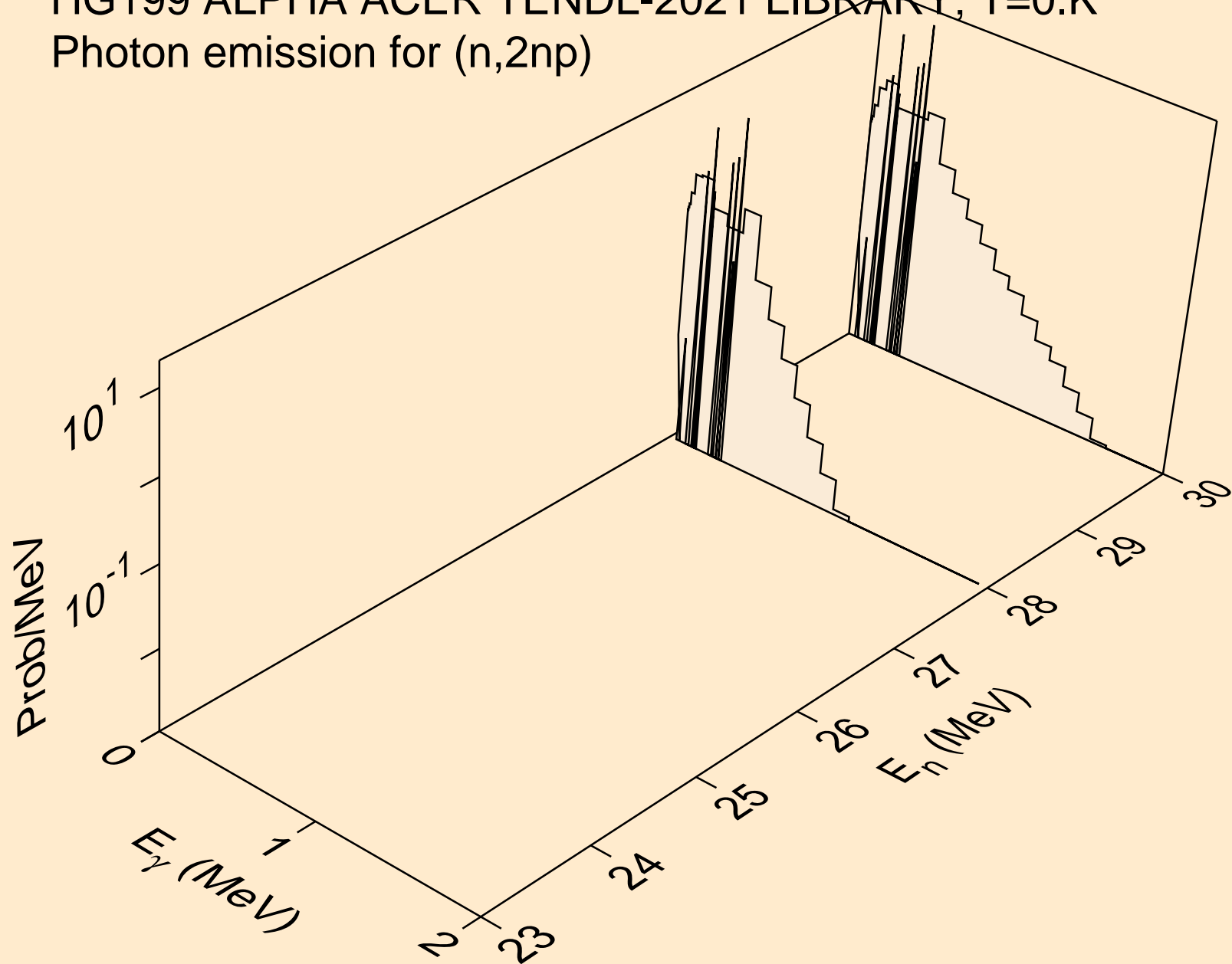
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



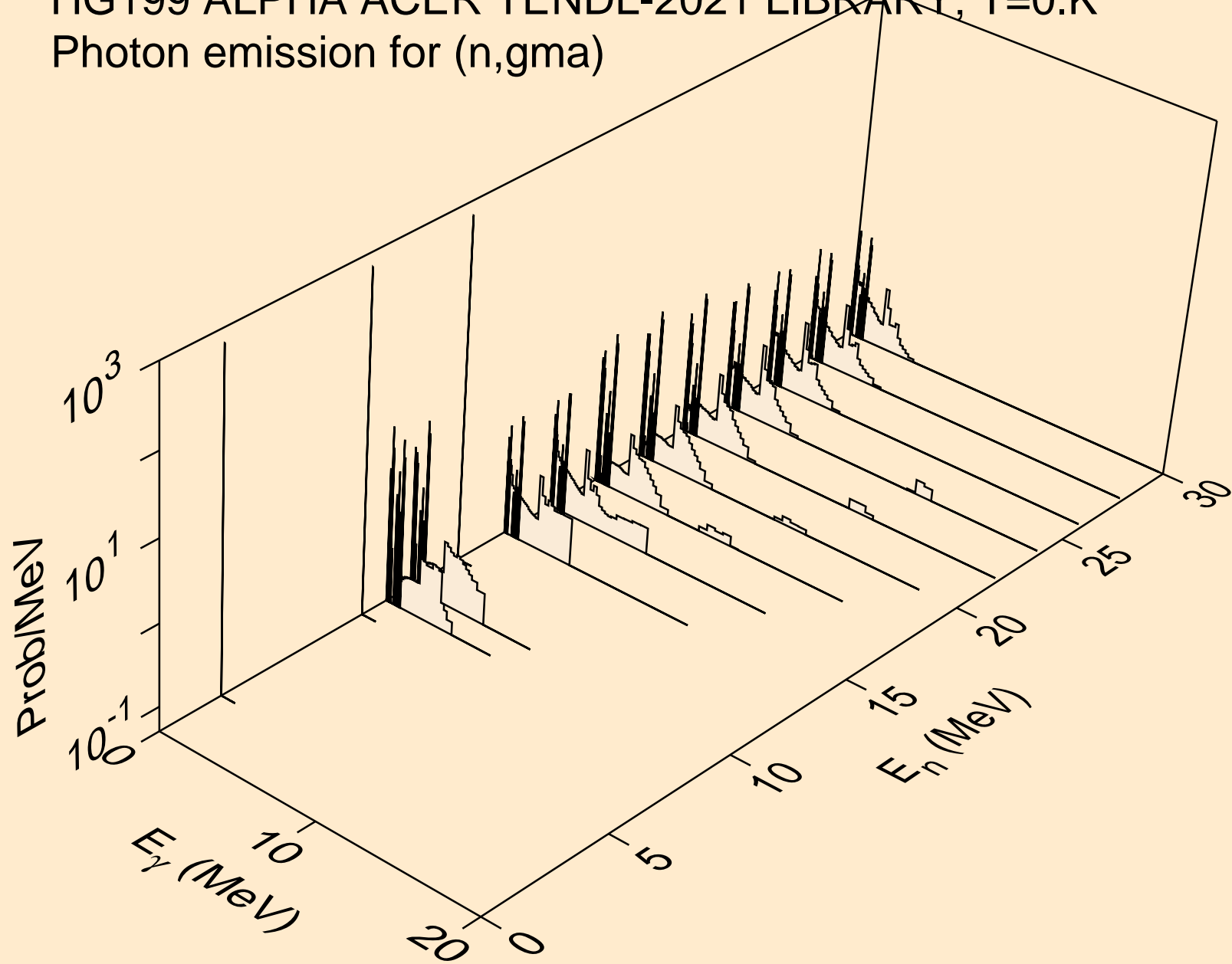
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



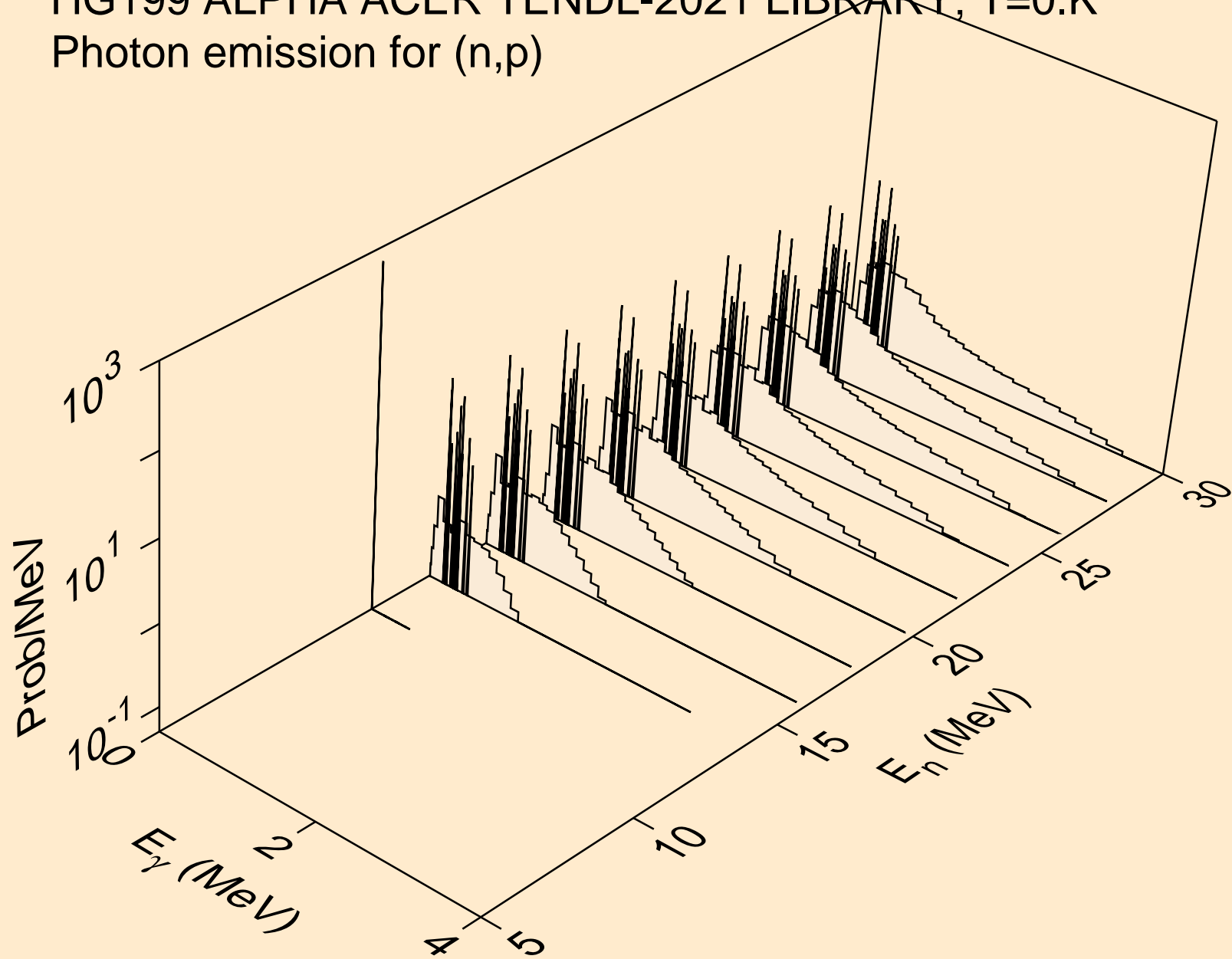
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



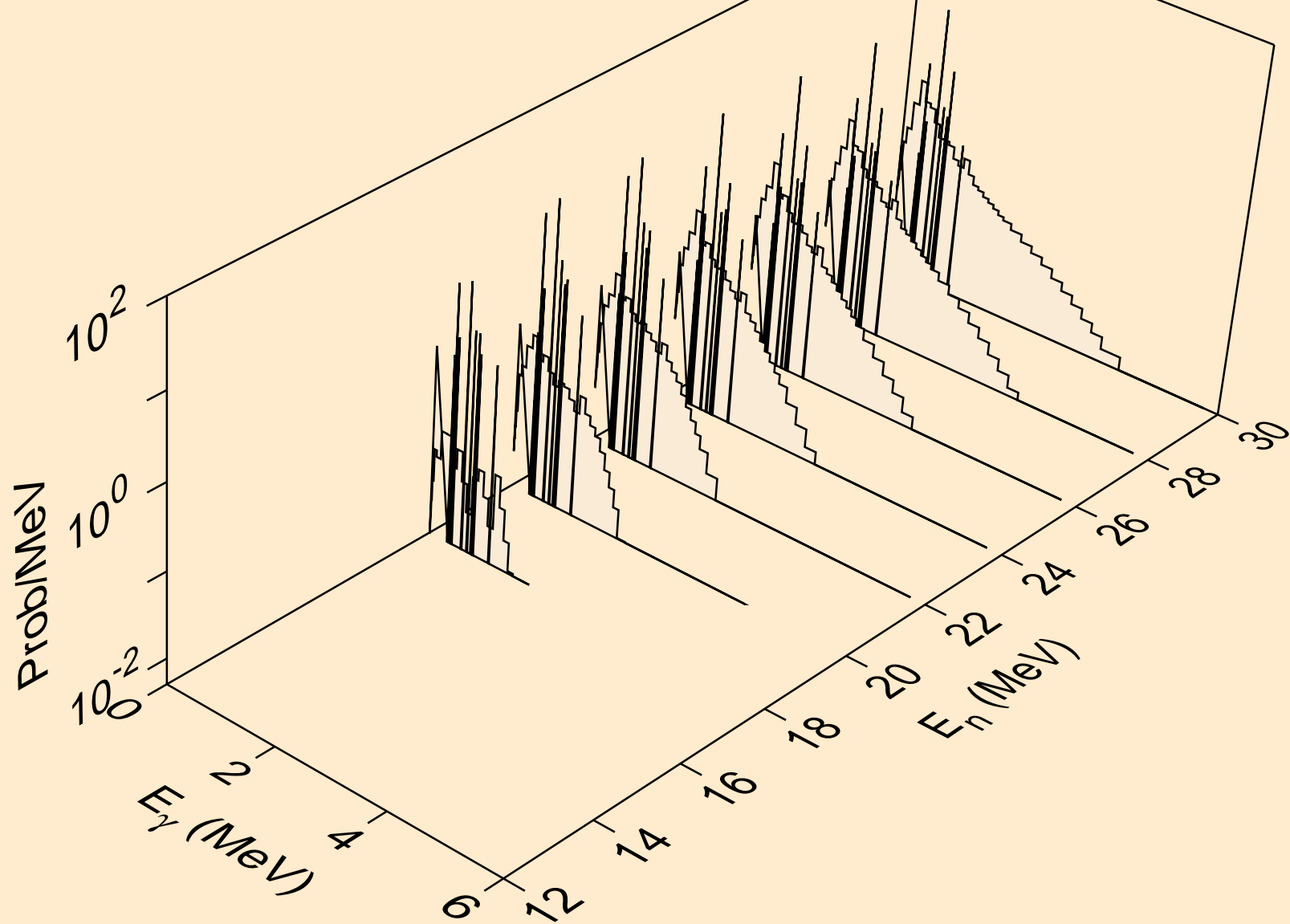
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



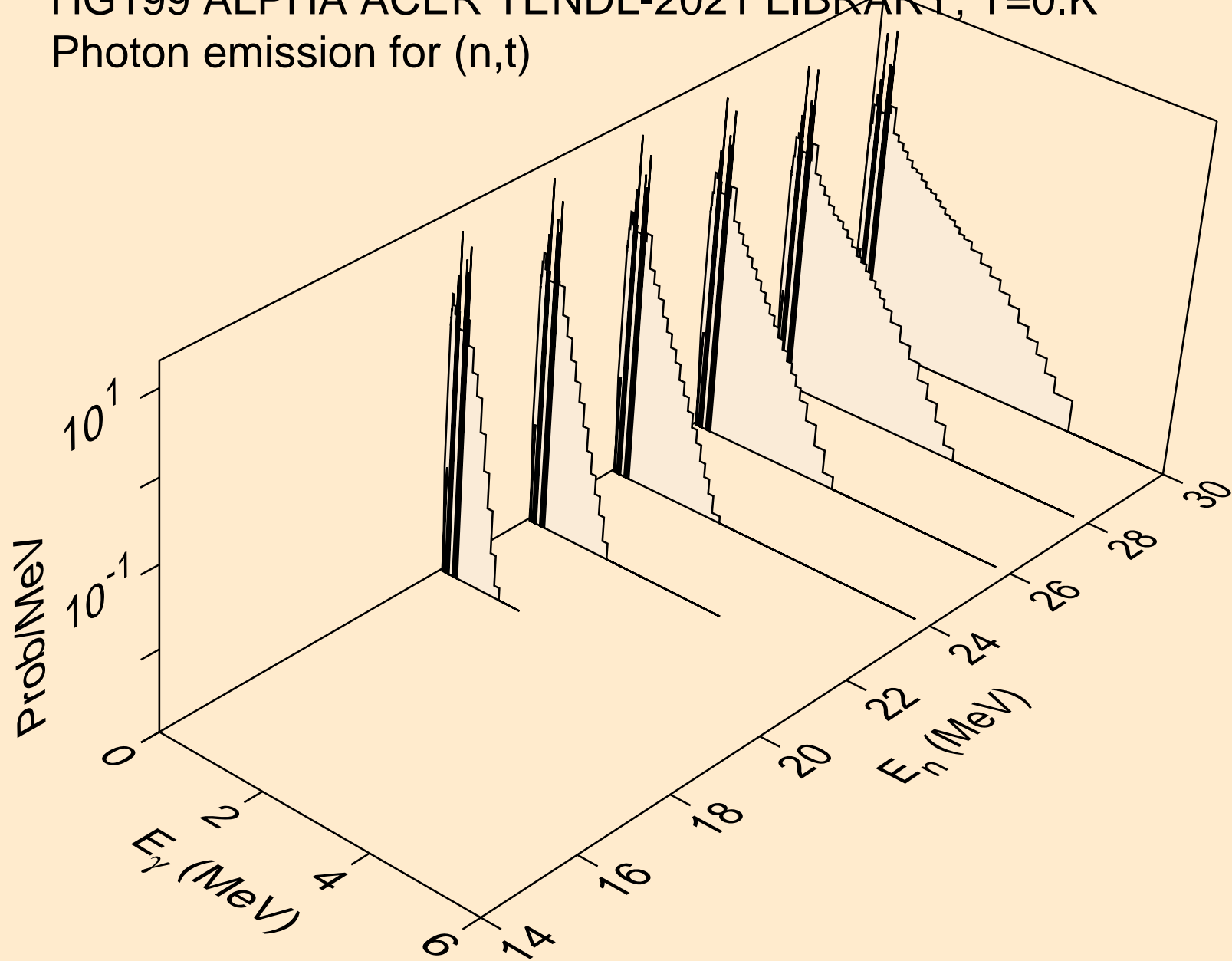
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



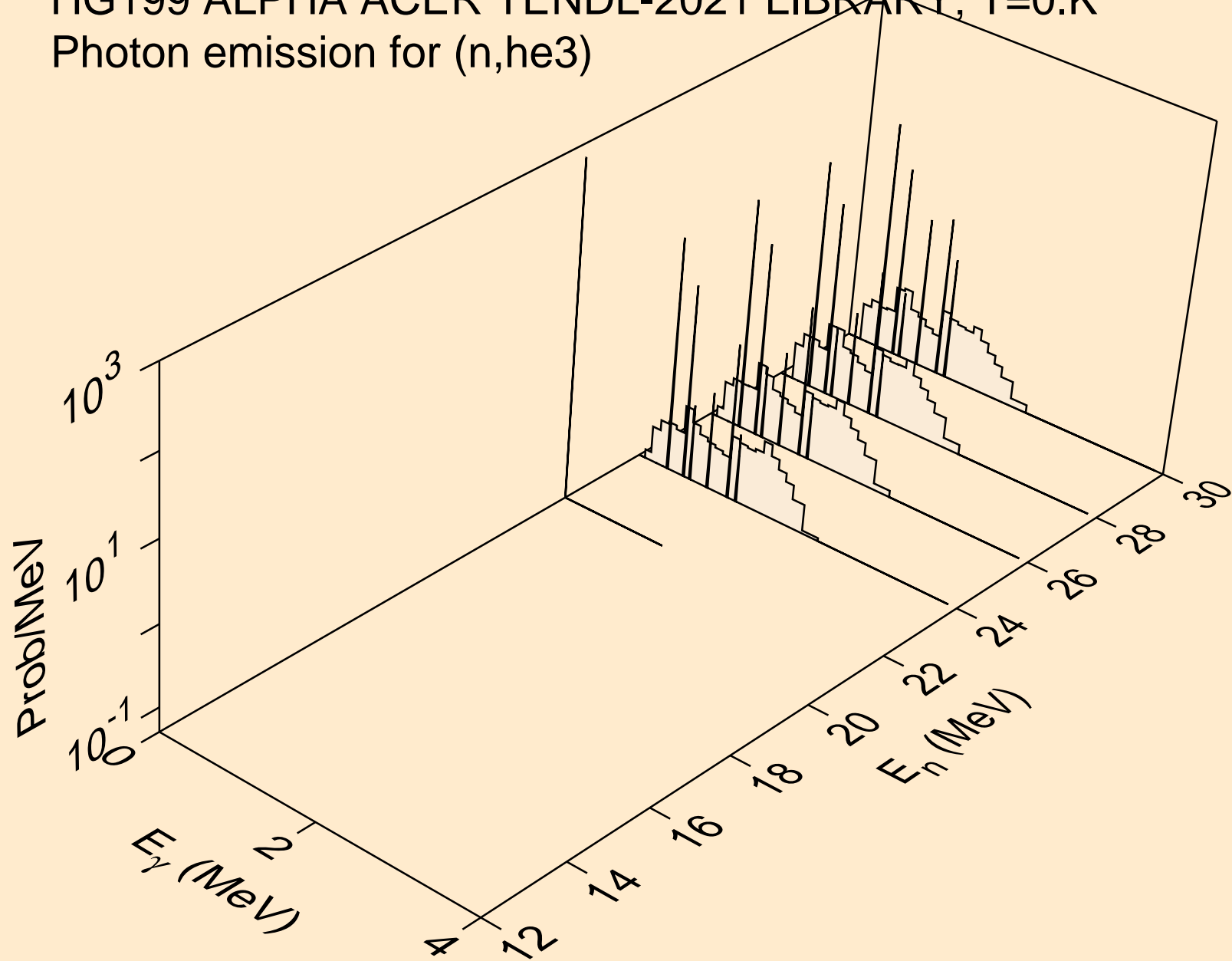
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



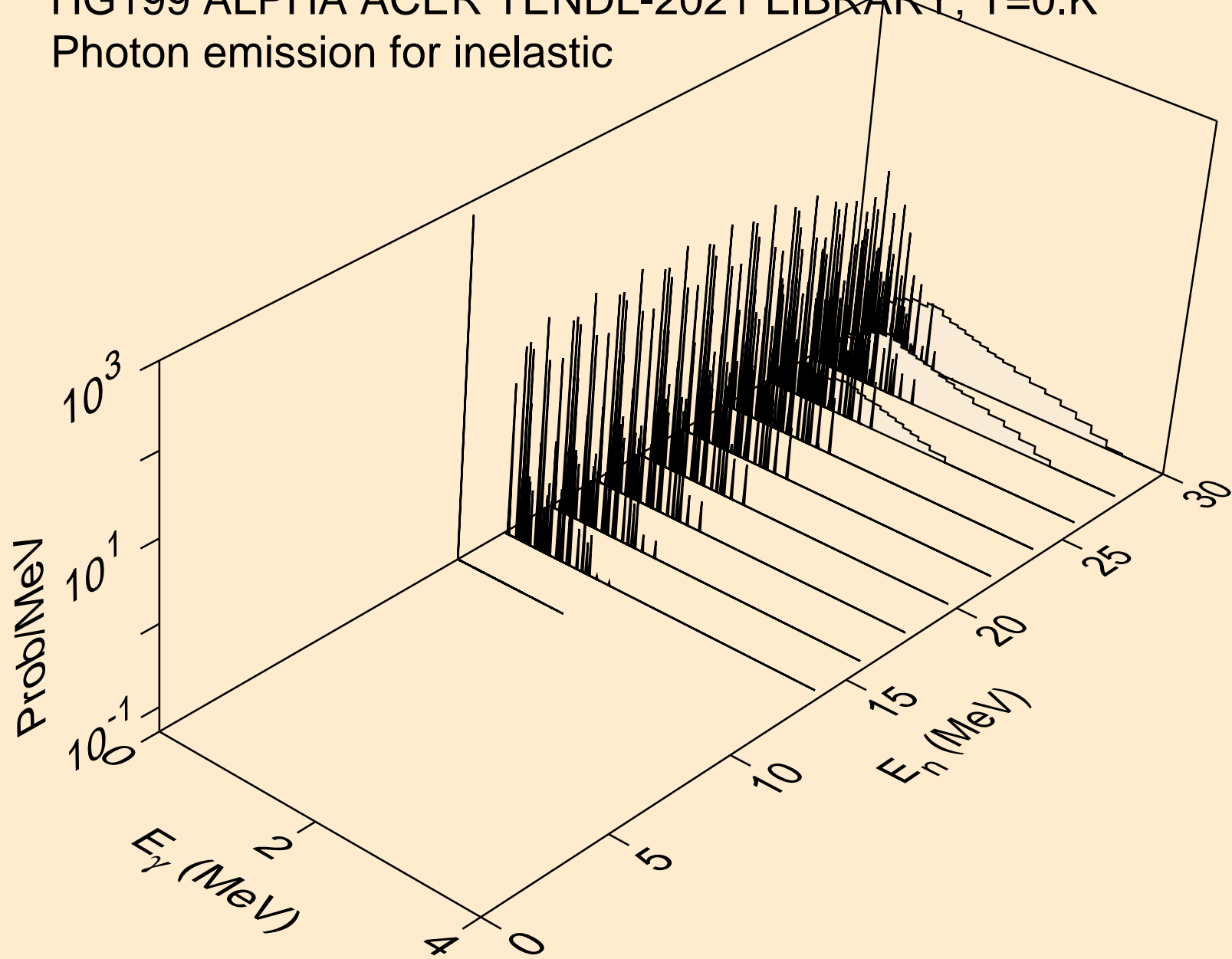
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



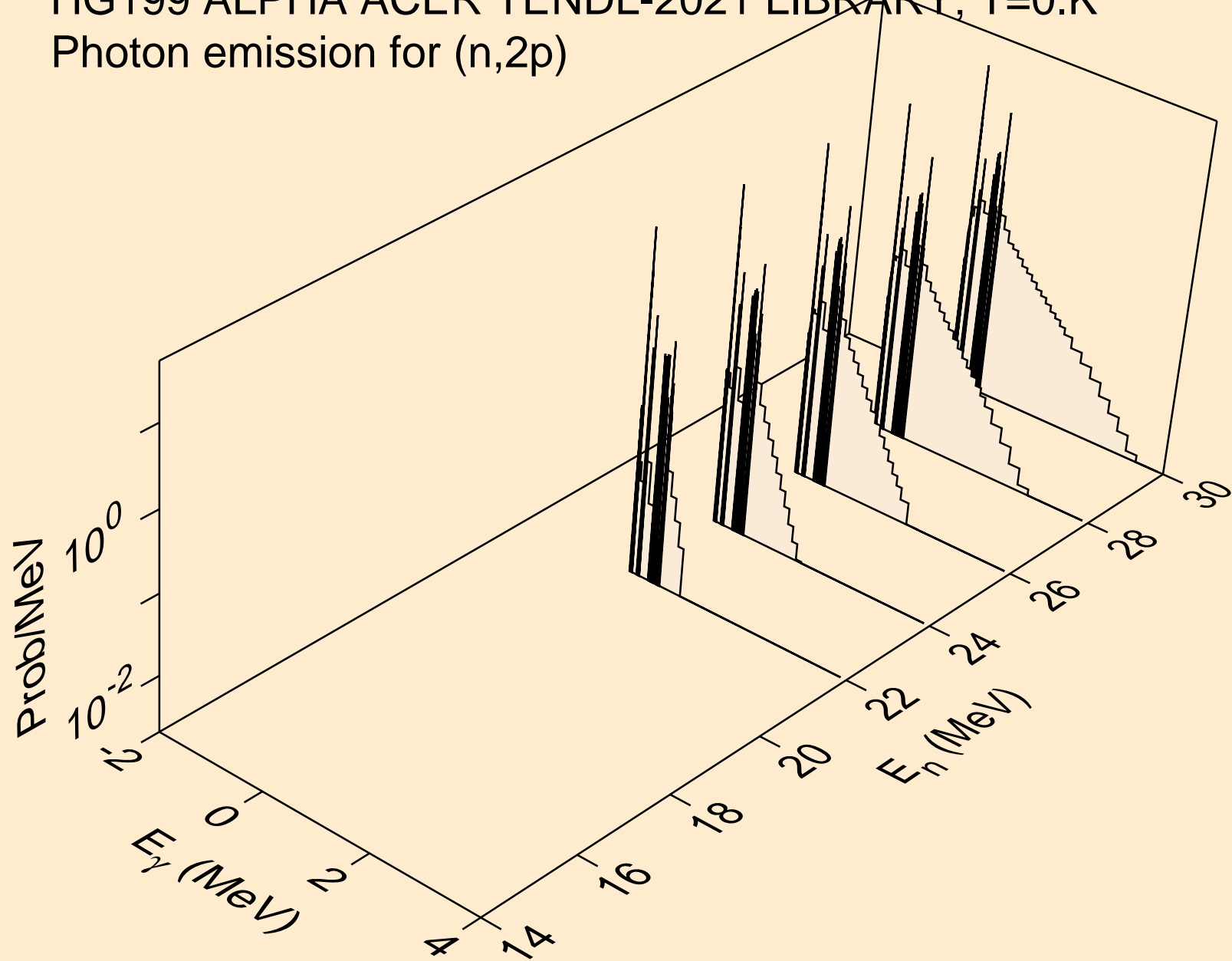
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



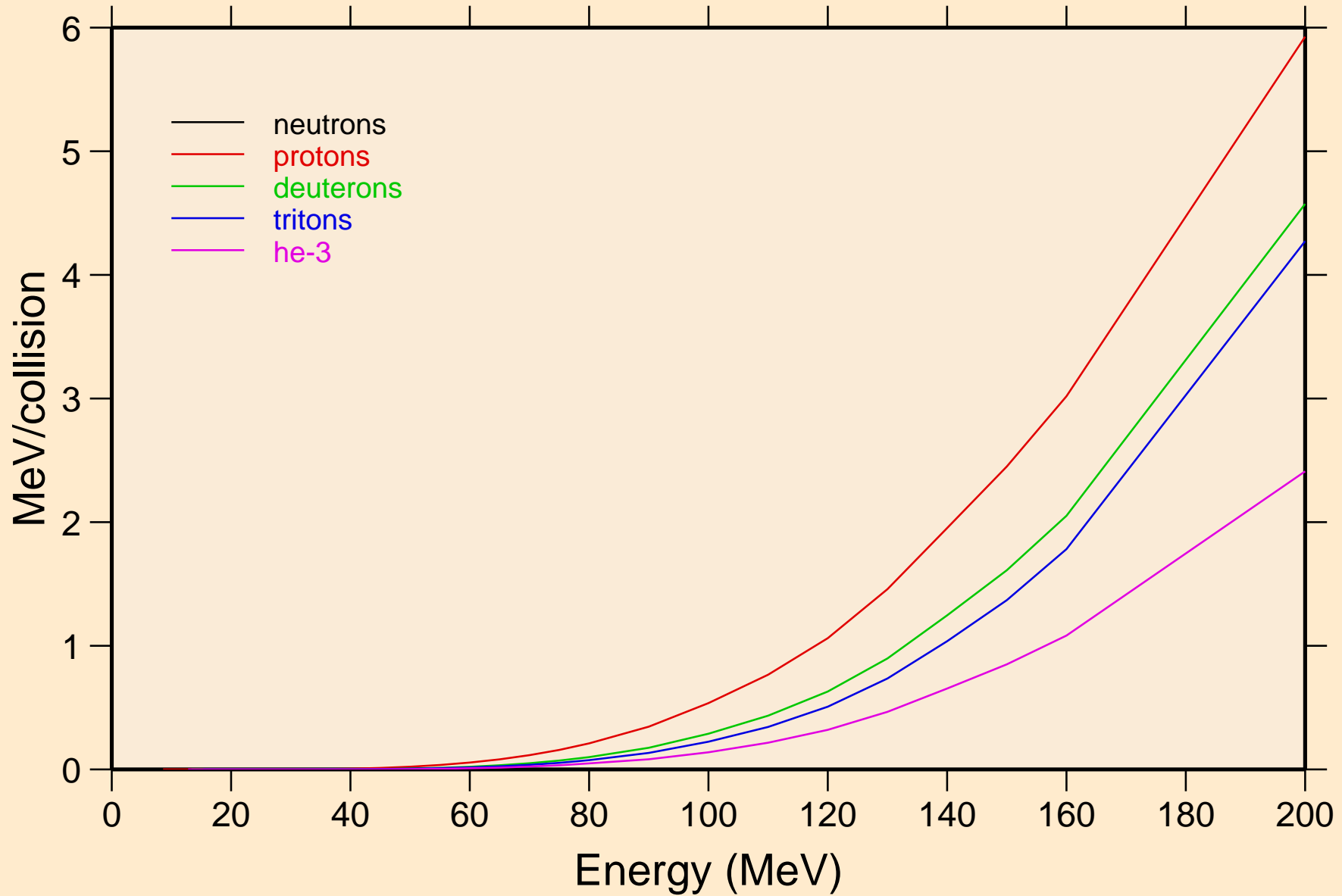
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



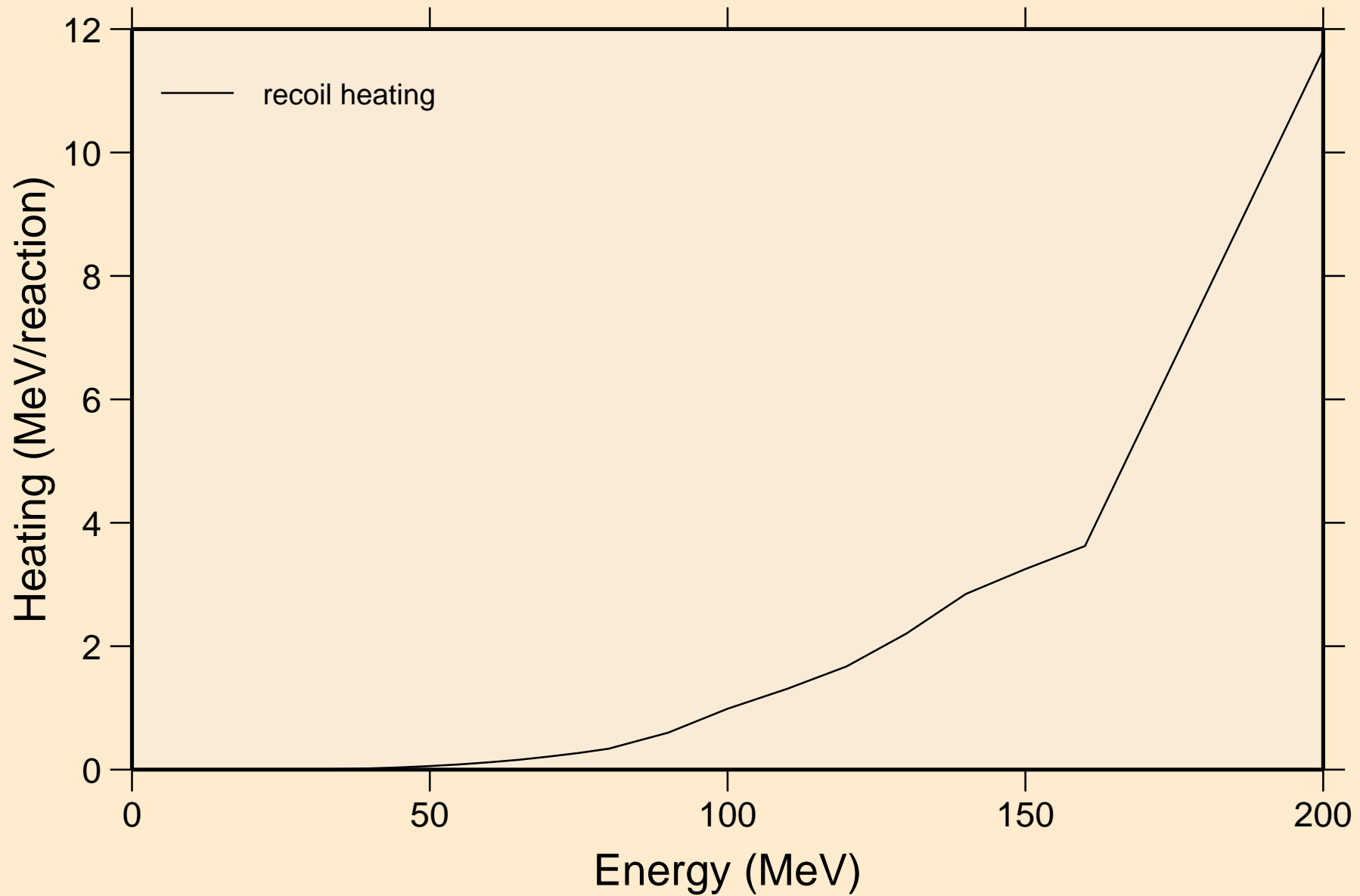
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



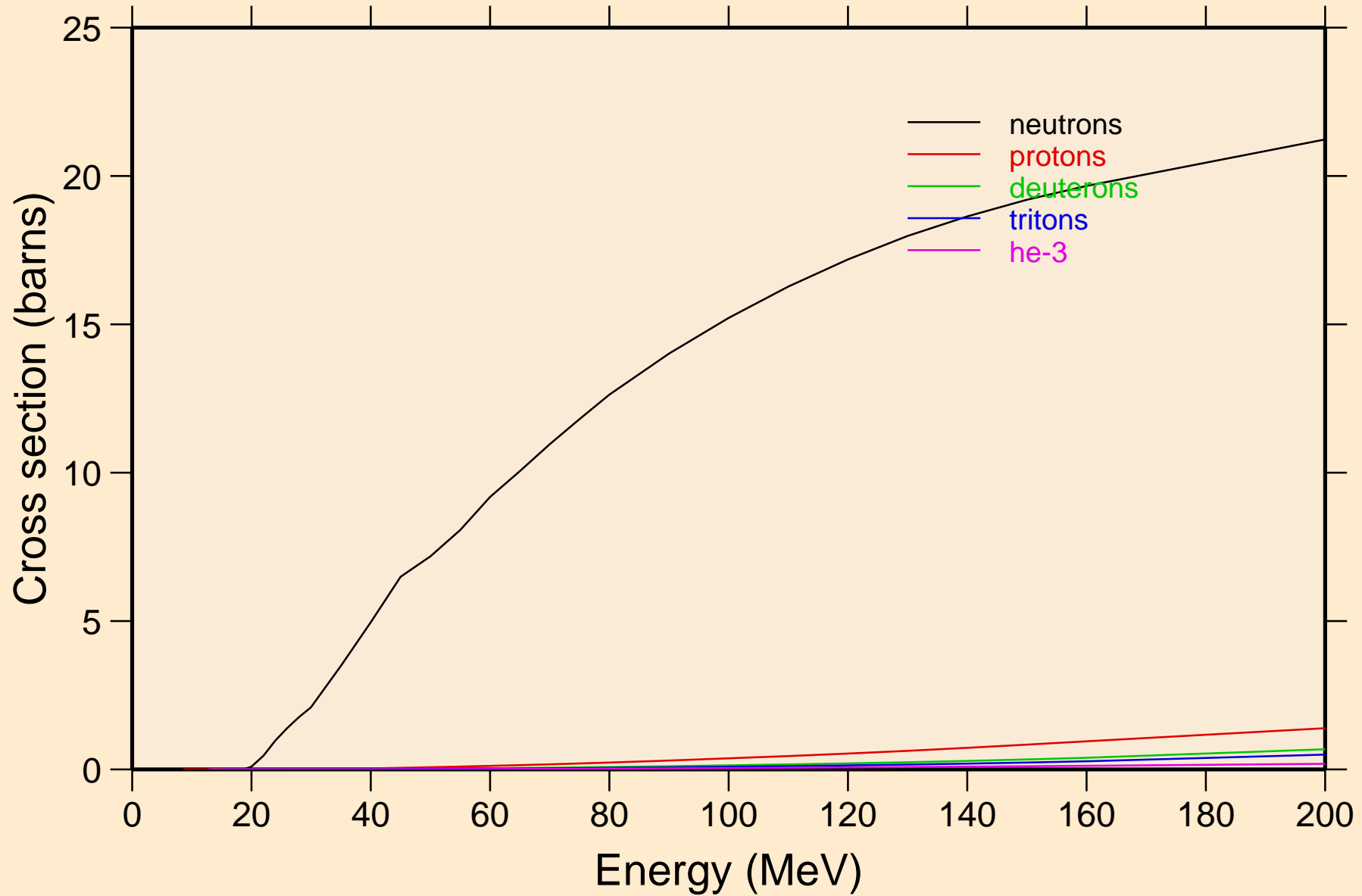
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



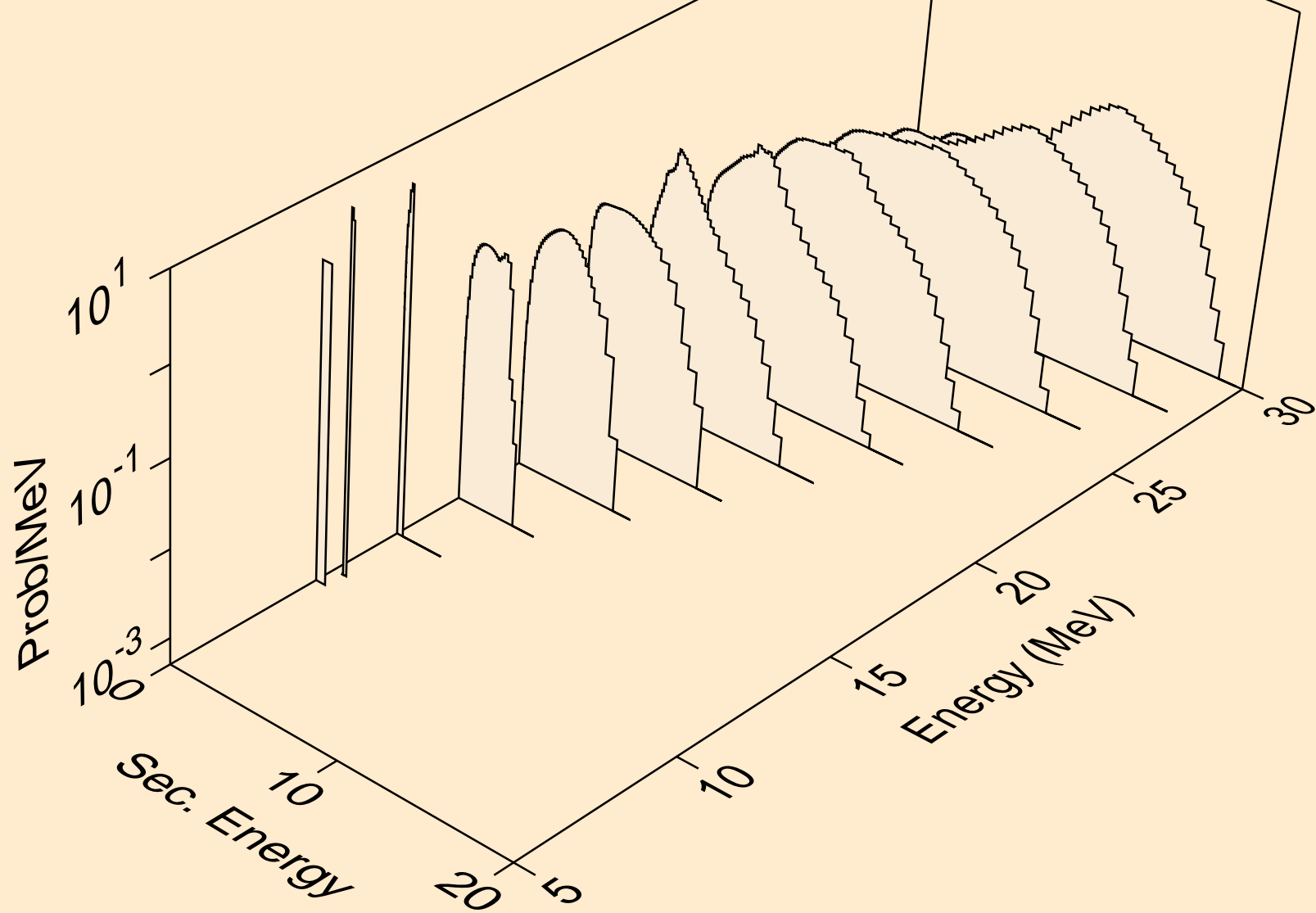
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



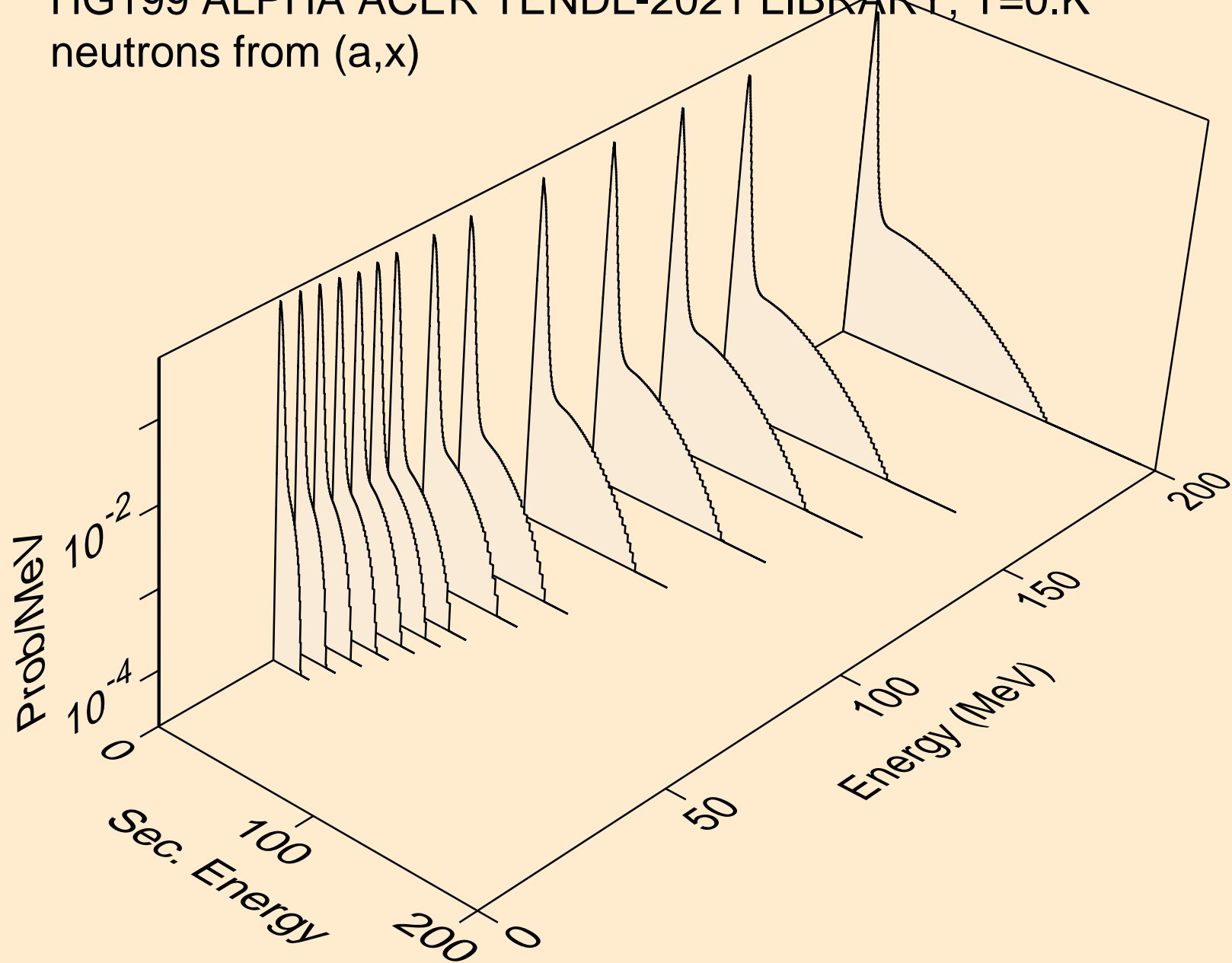
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



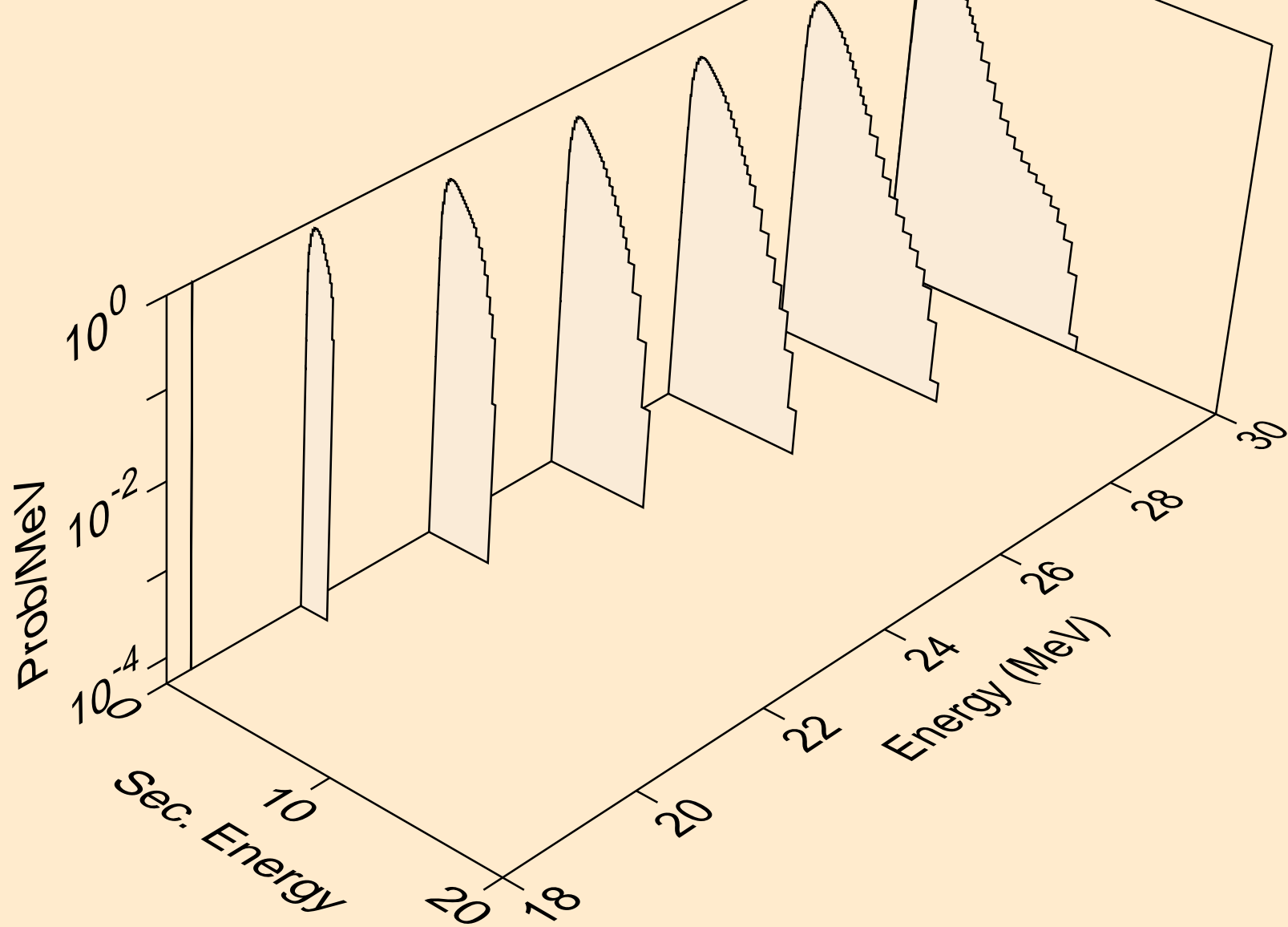
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



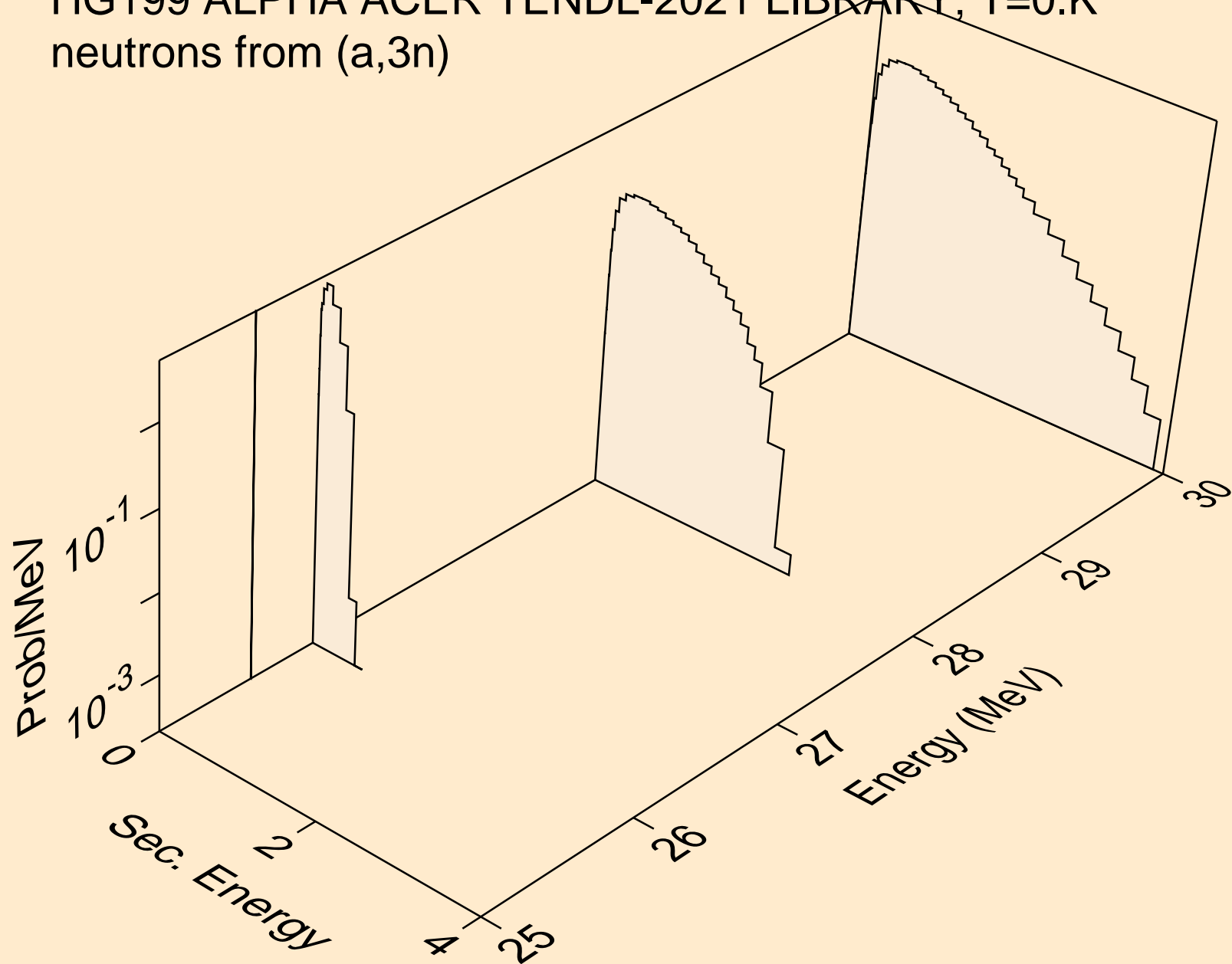
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



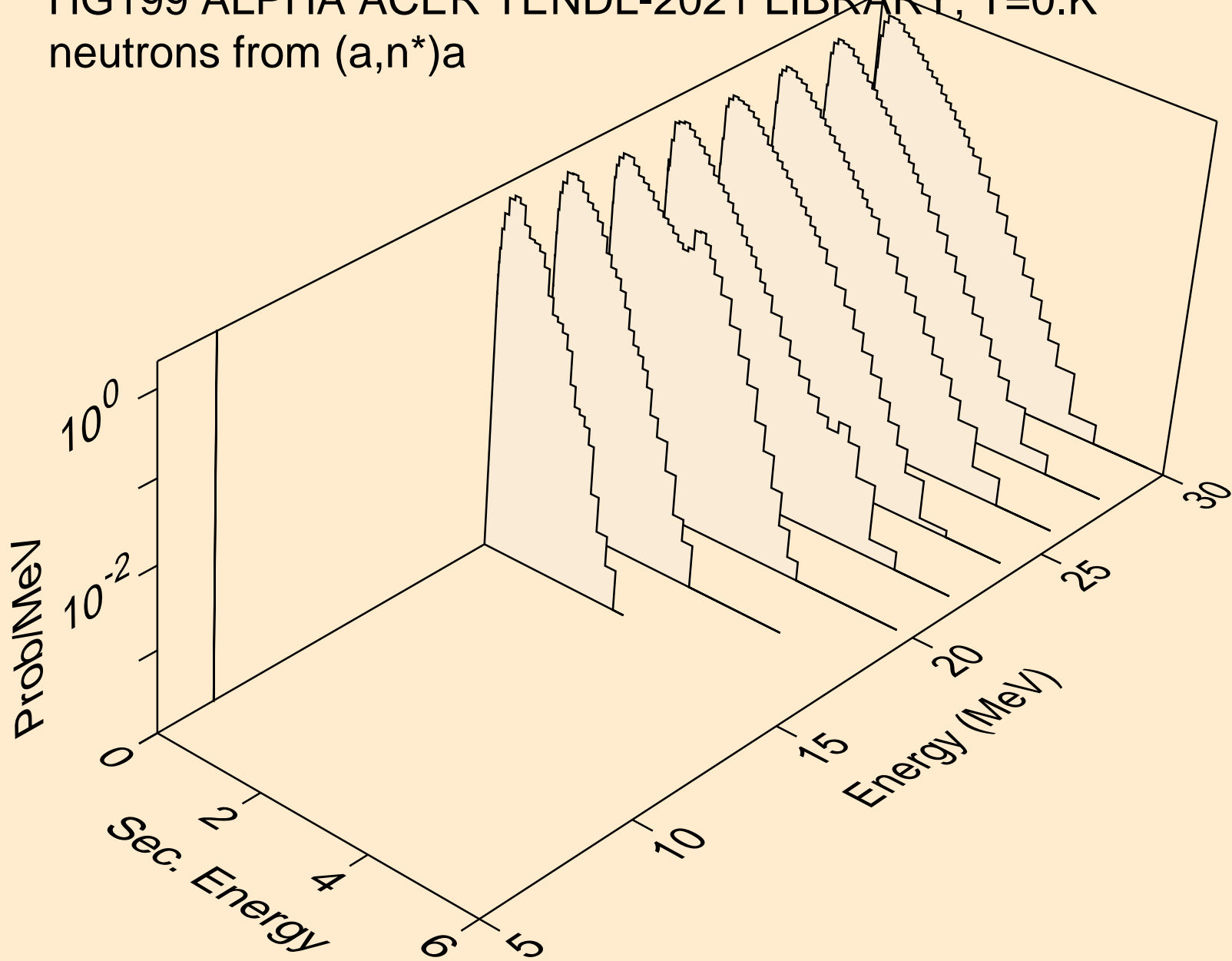
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



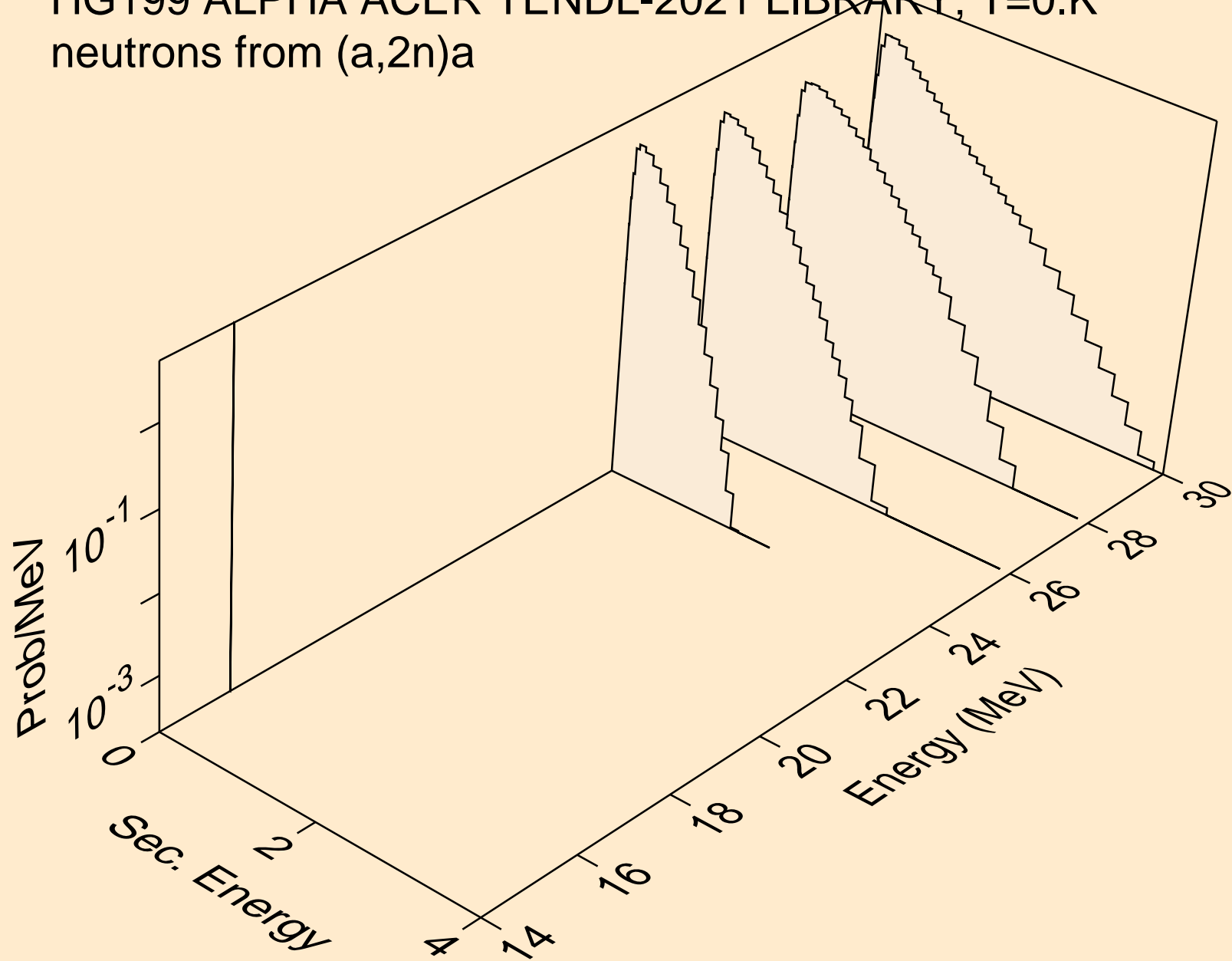
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



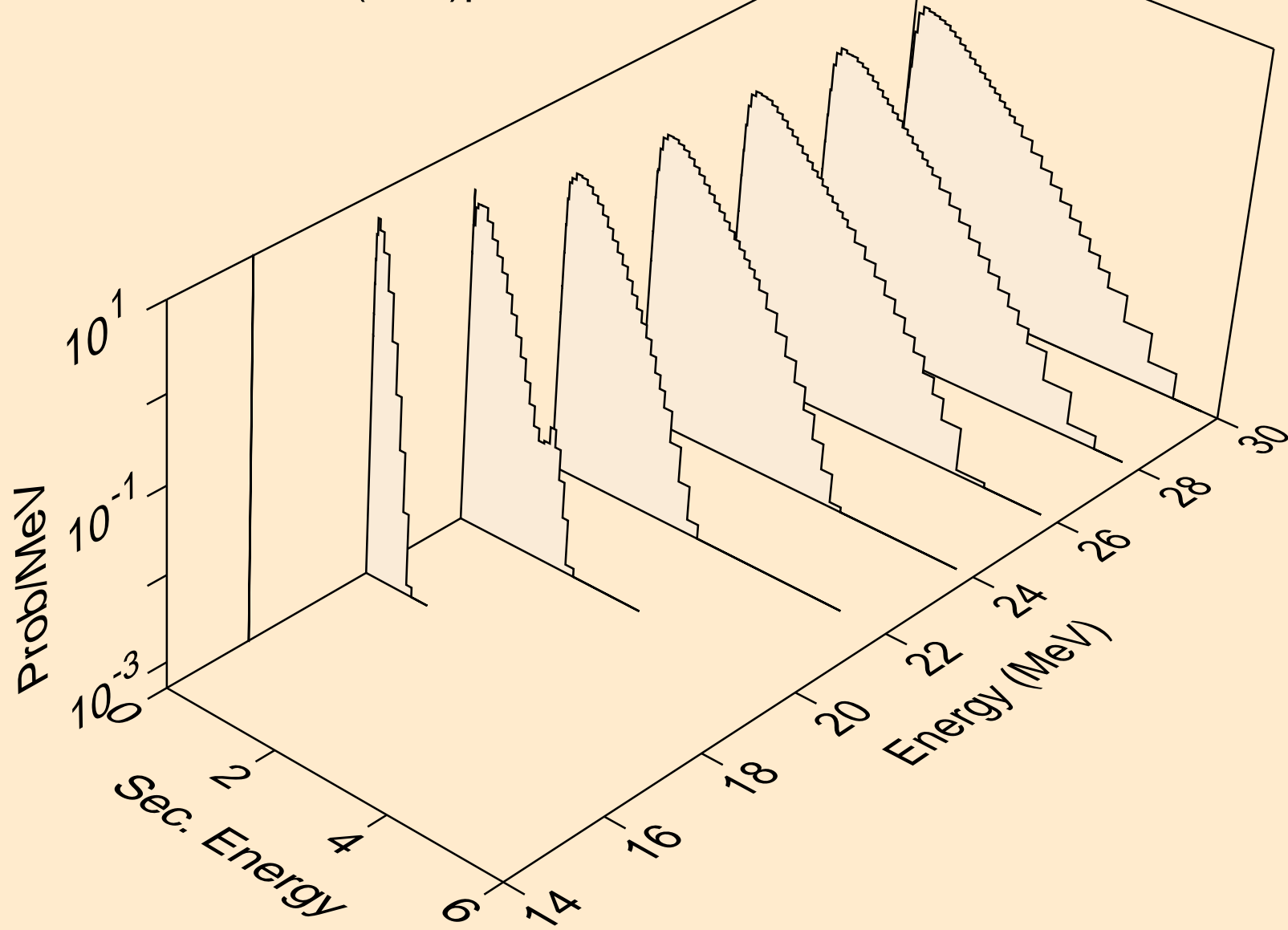
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



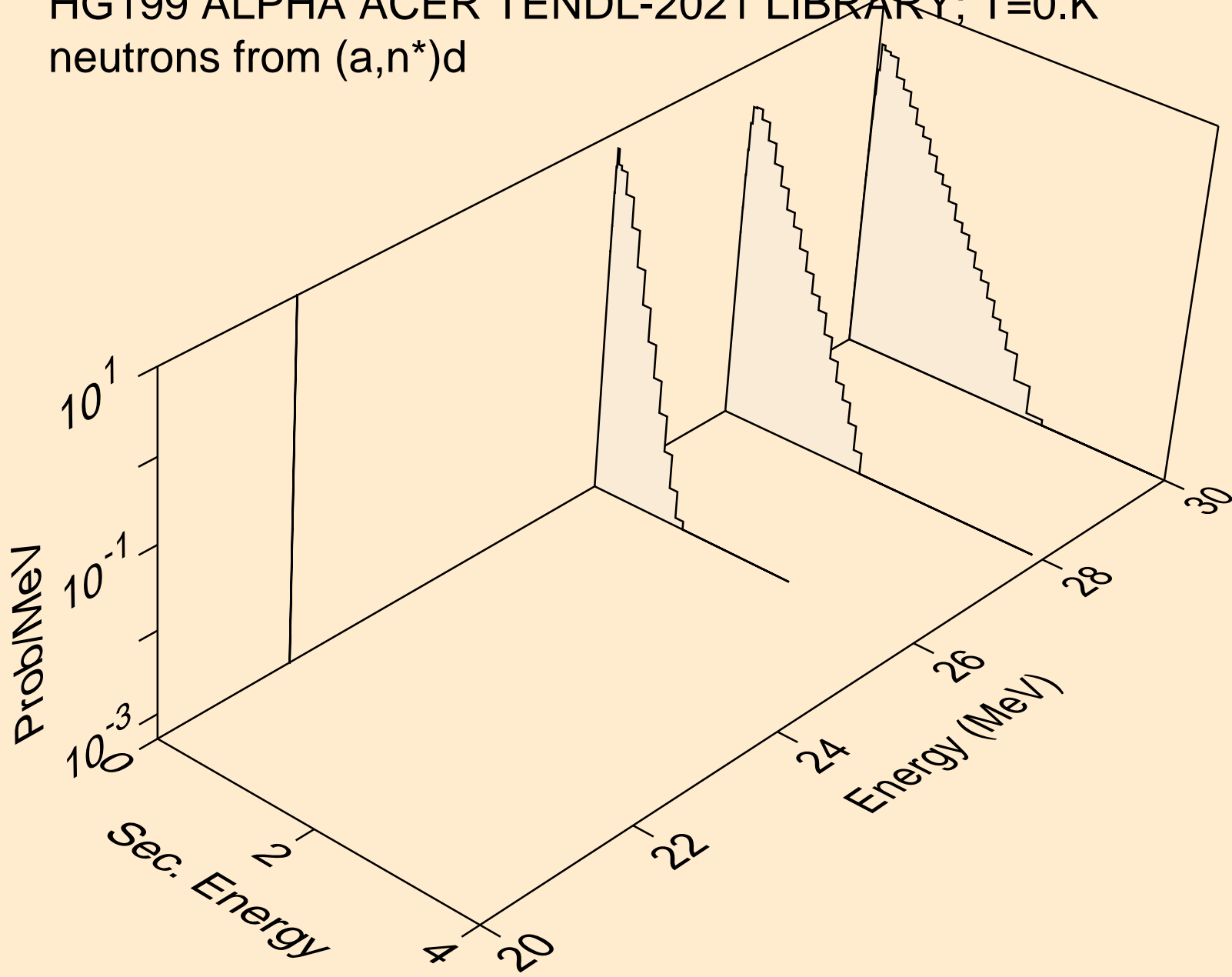
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



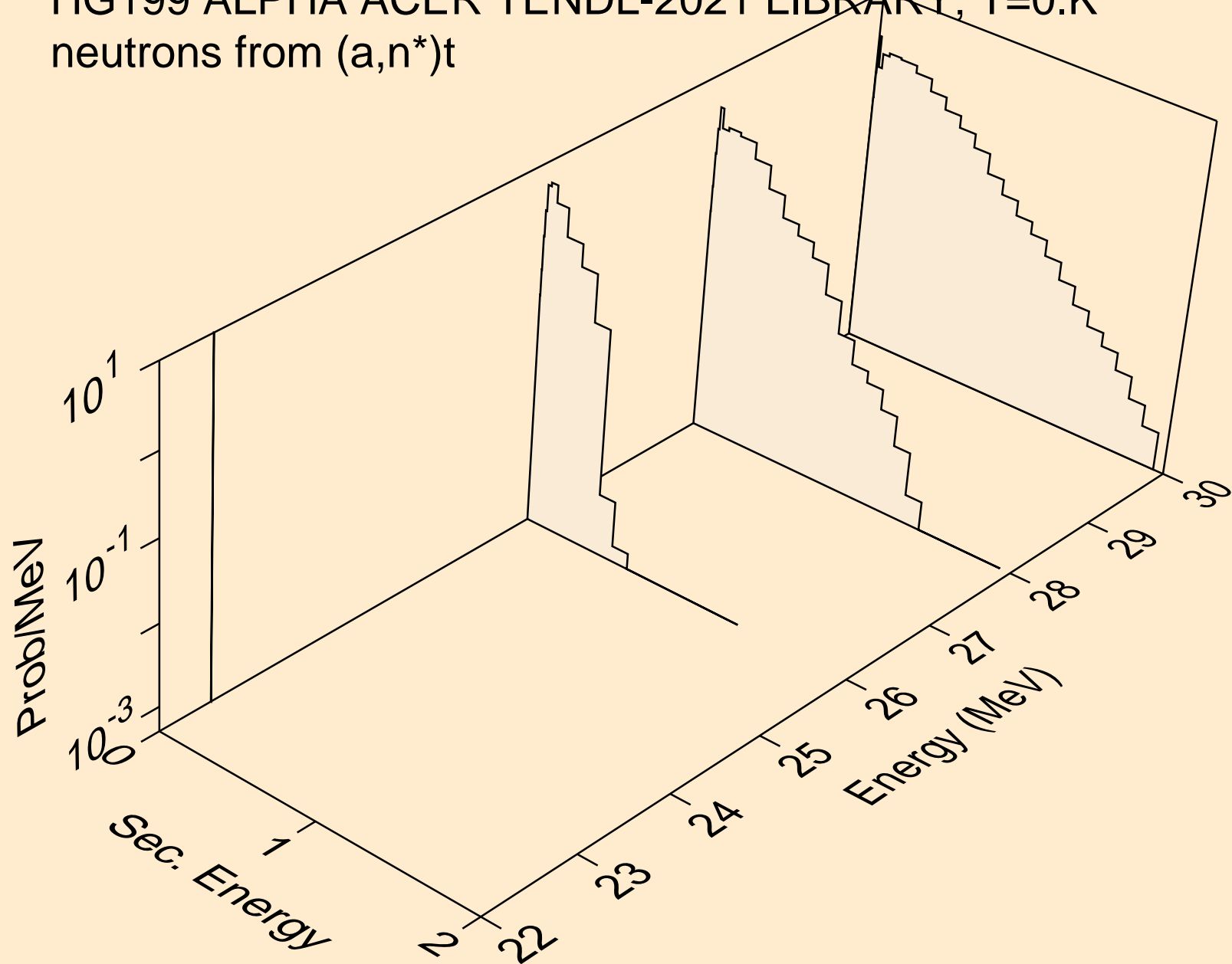
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



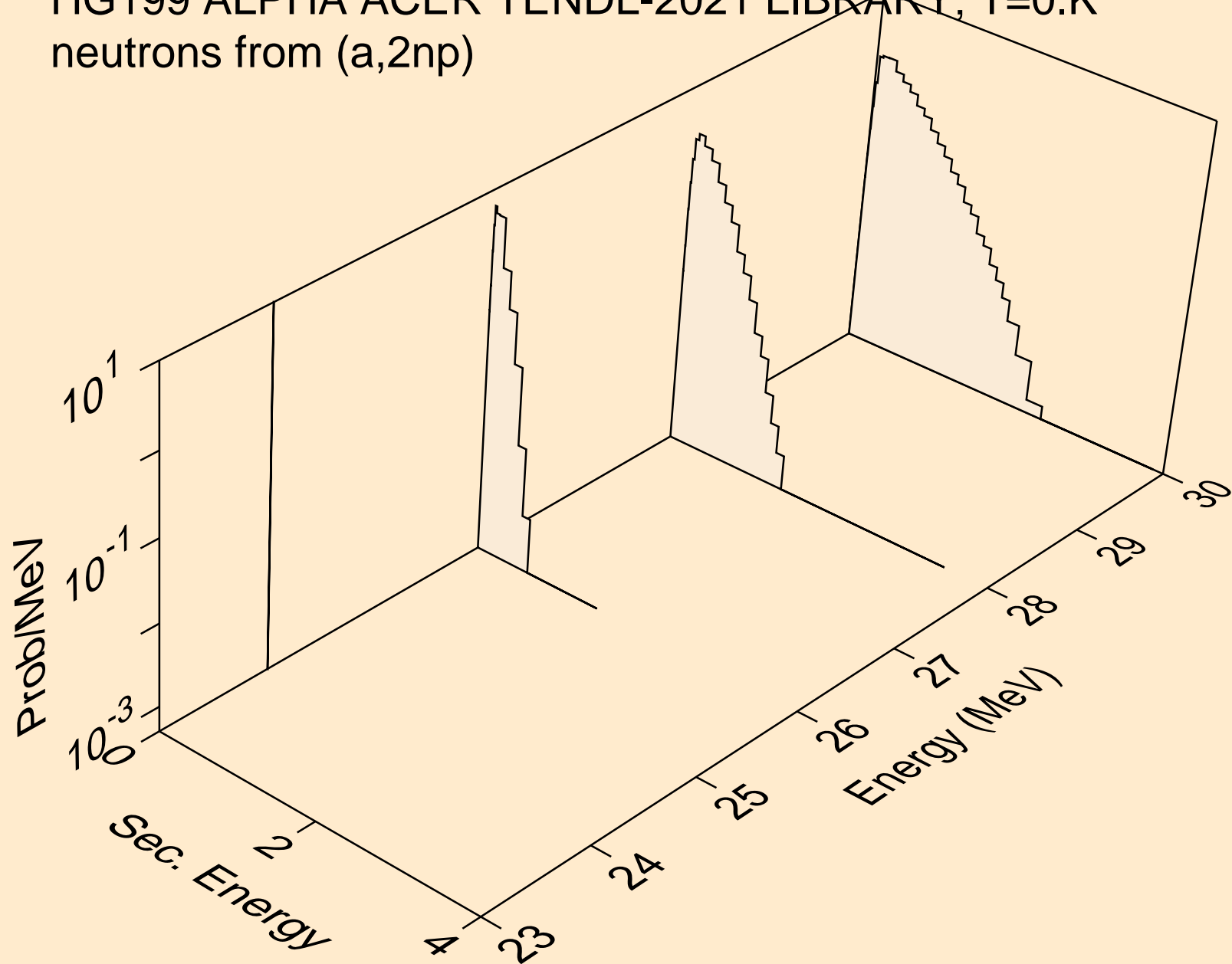
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



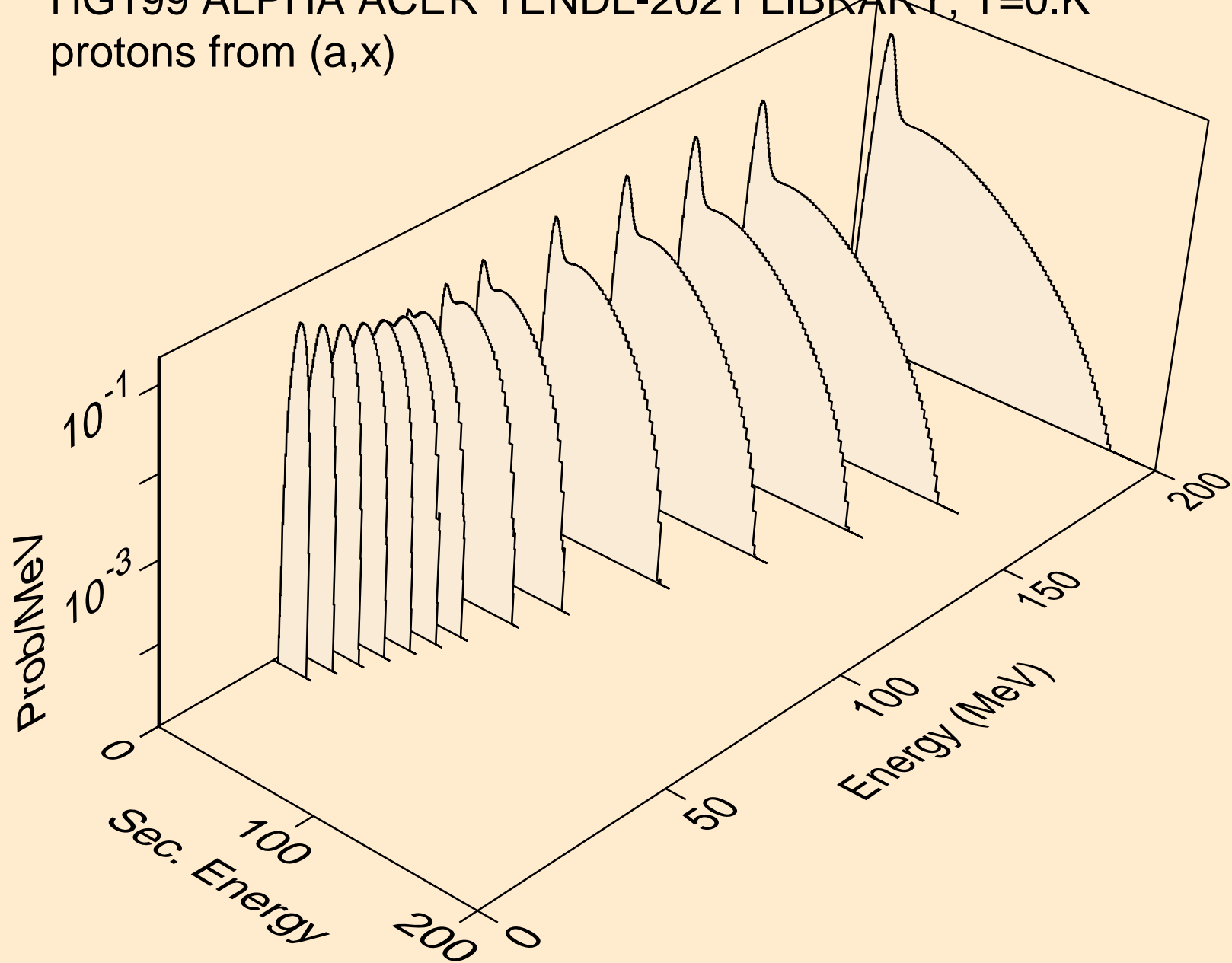
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t



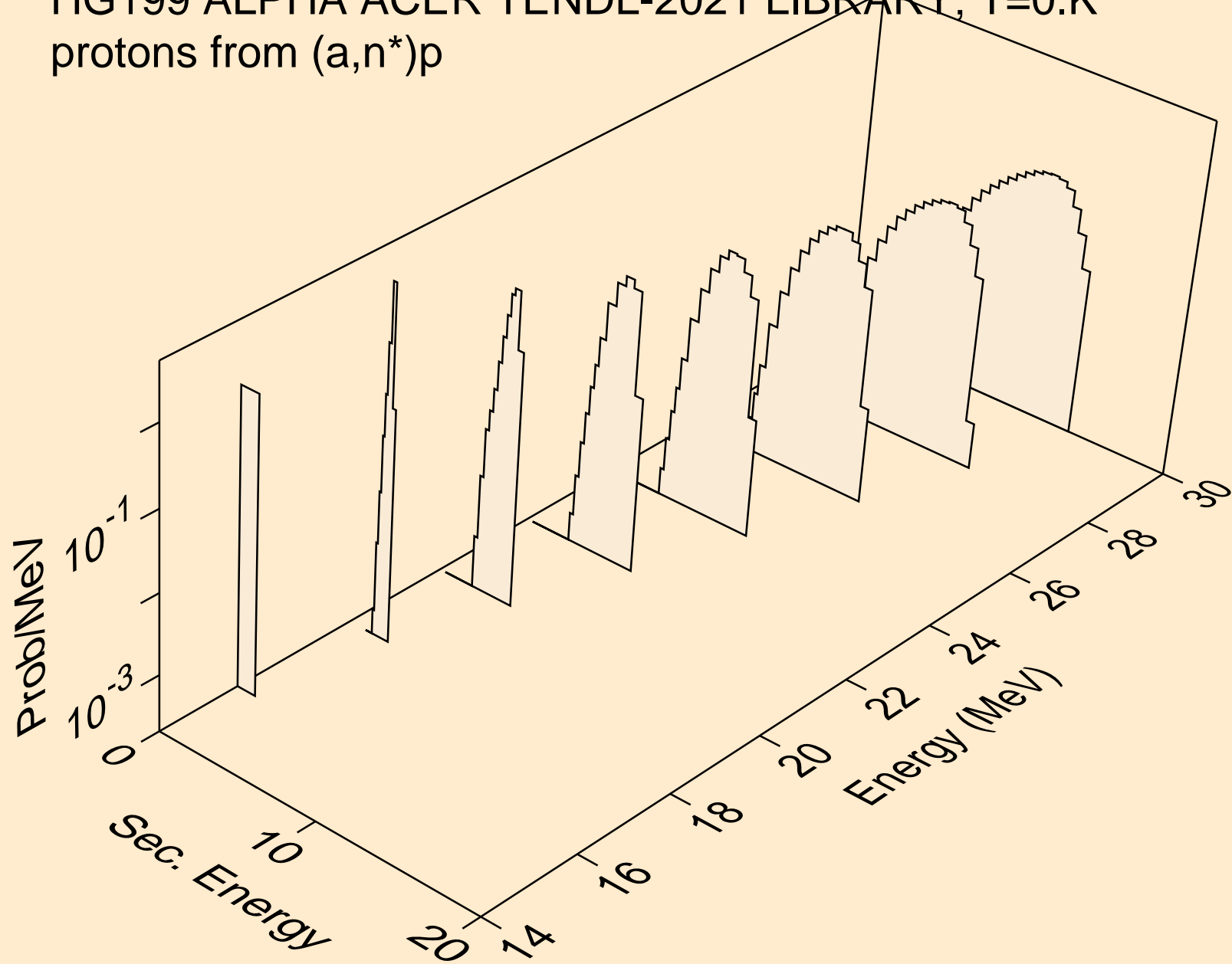
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



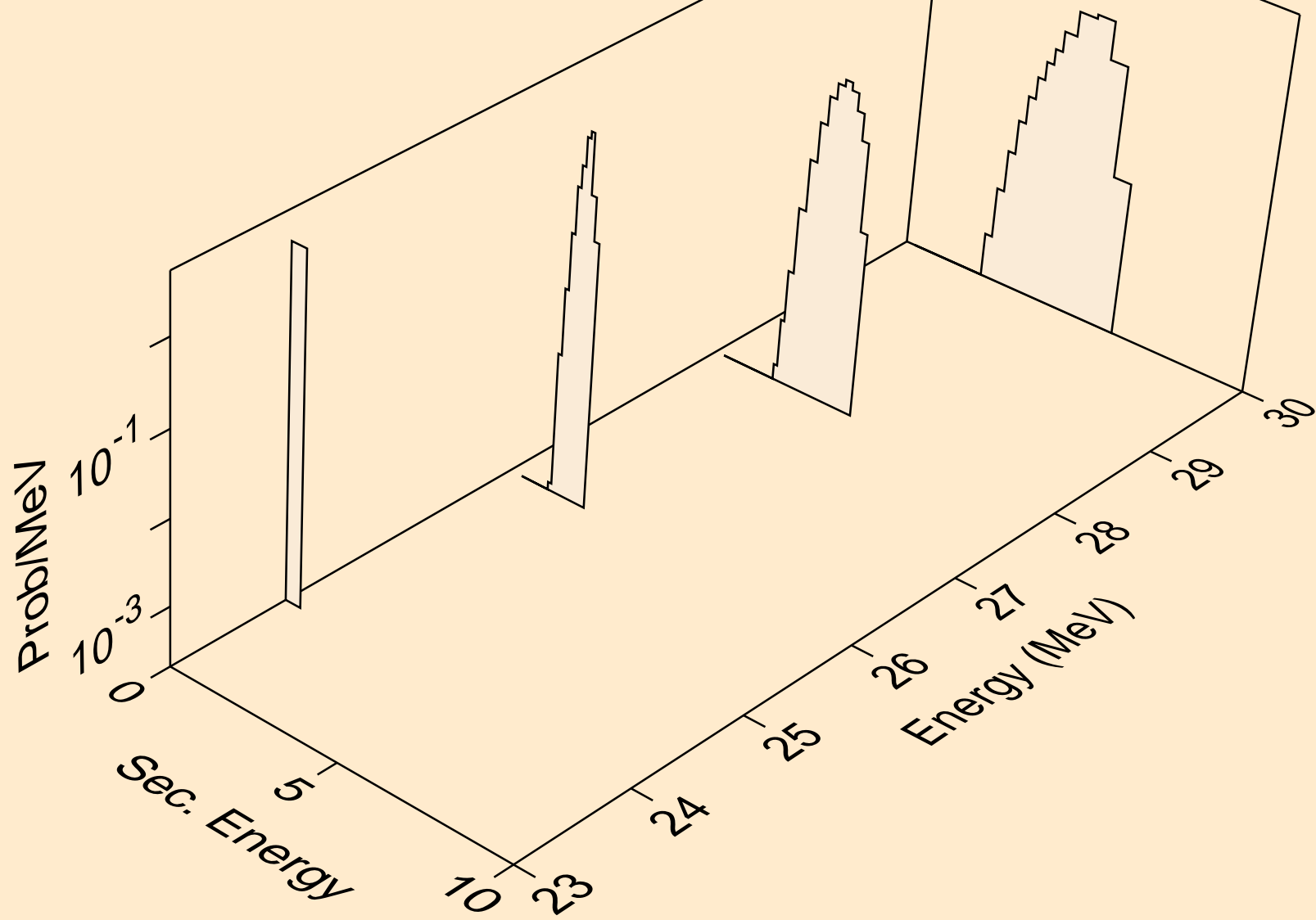
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



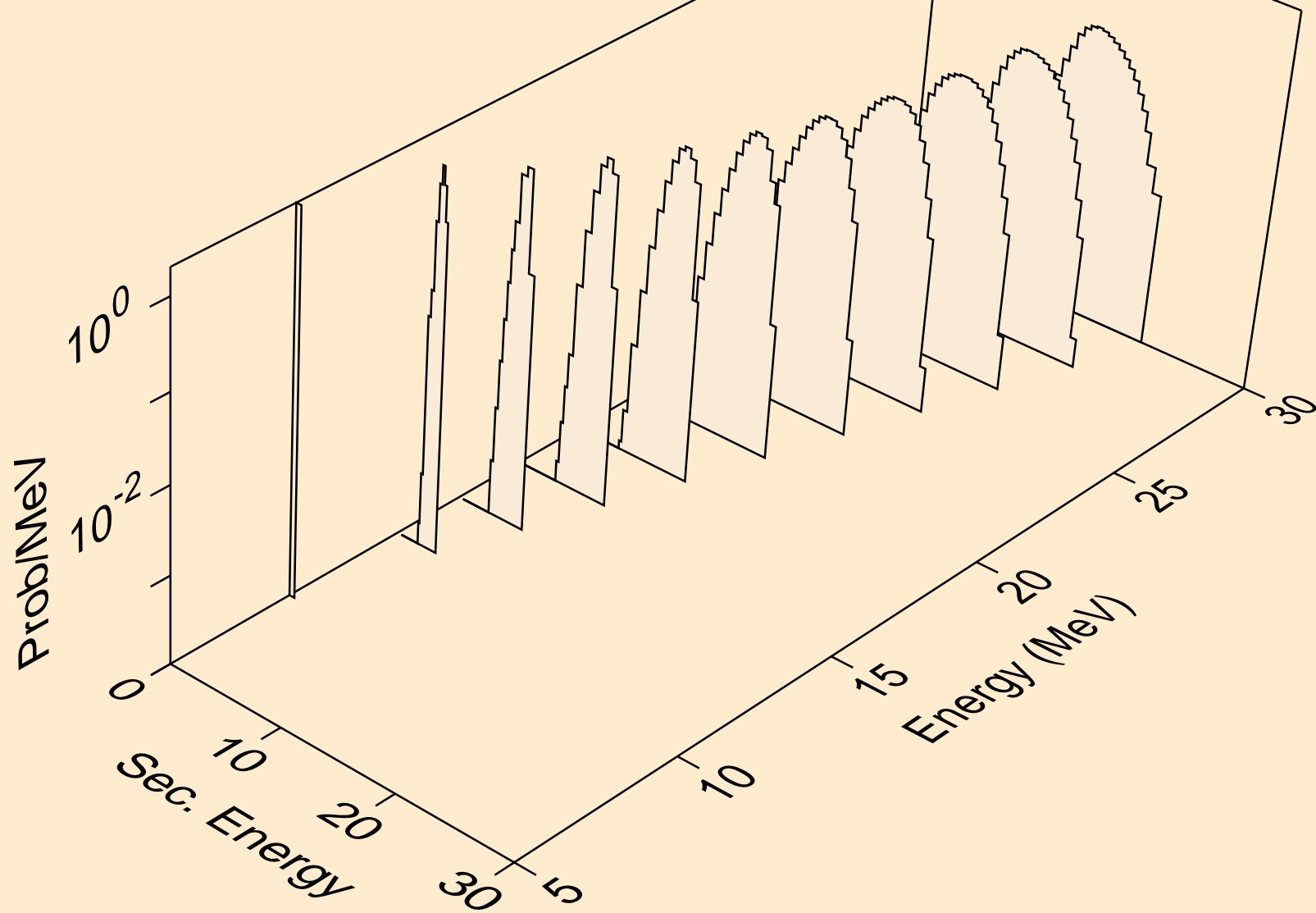
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



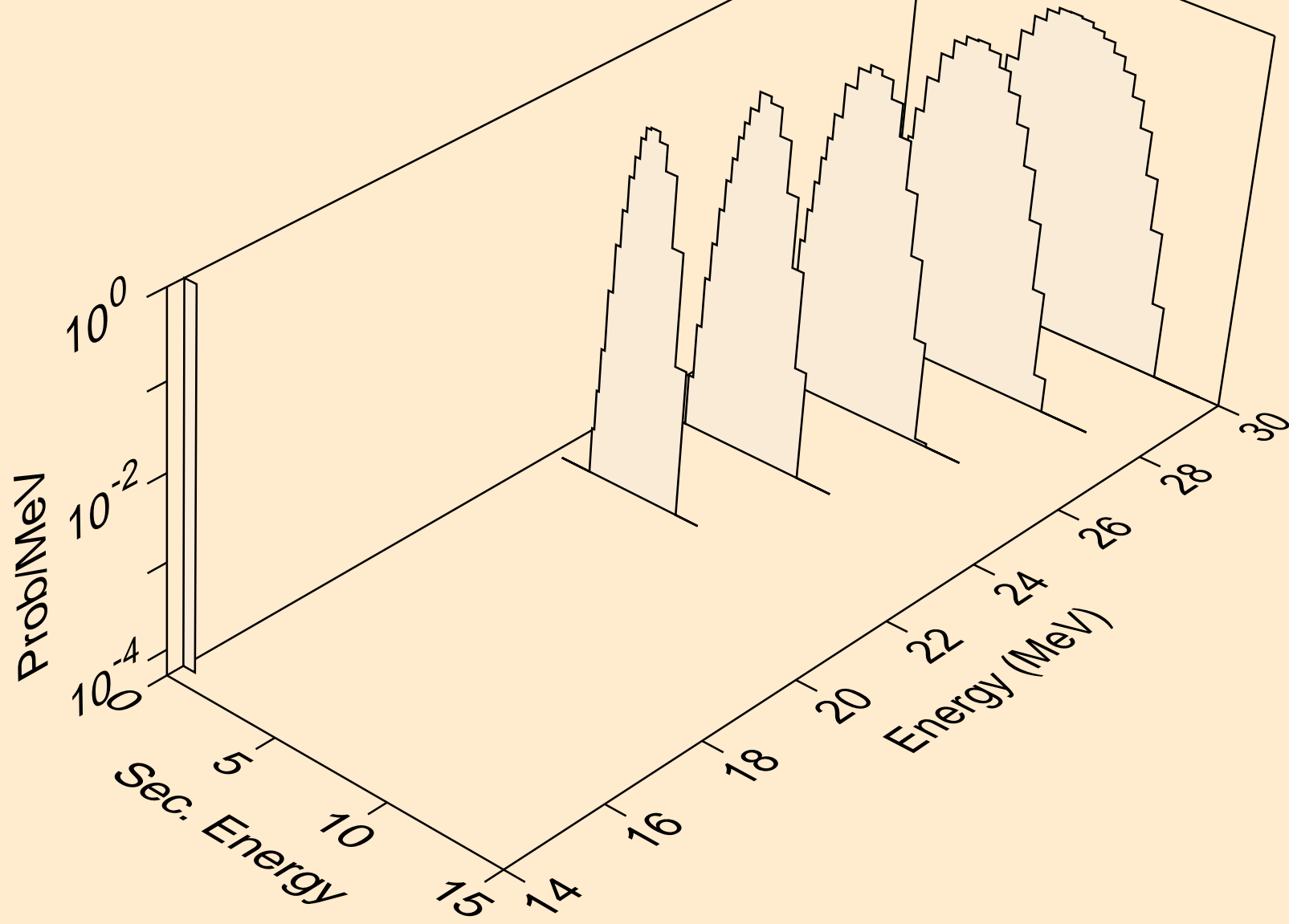
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



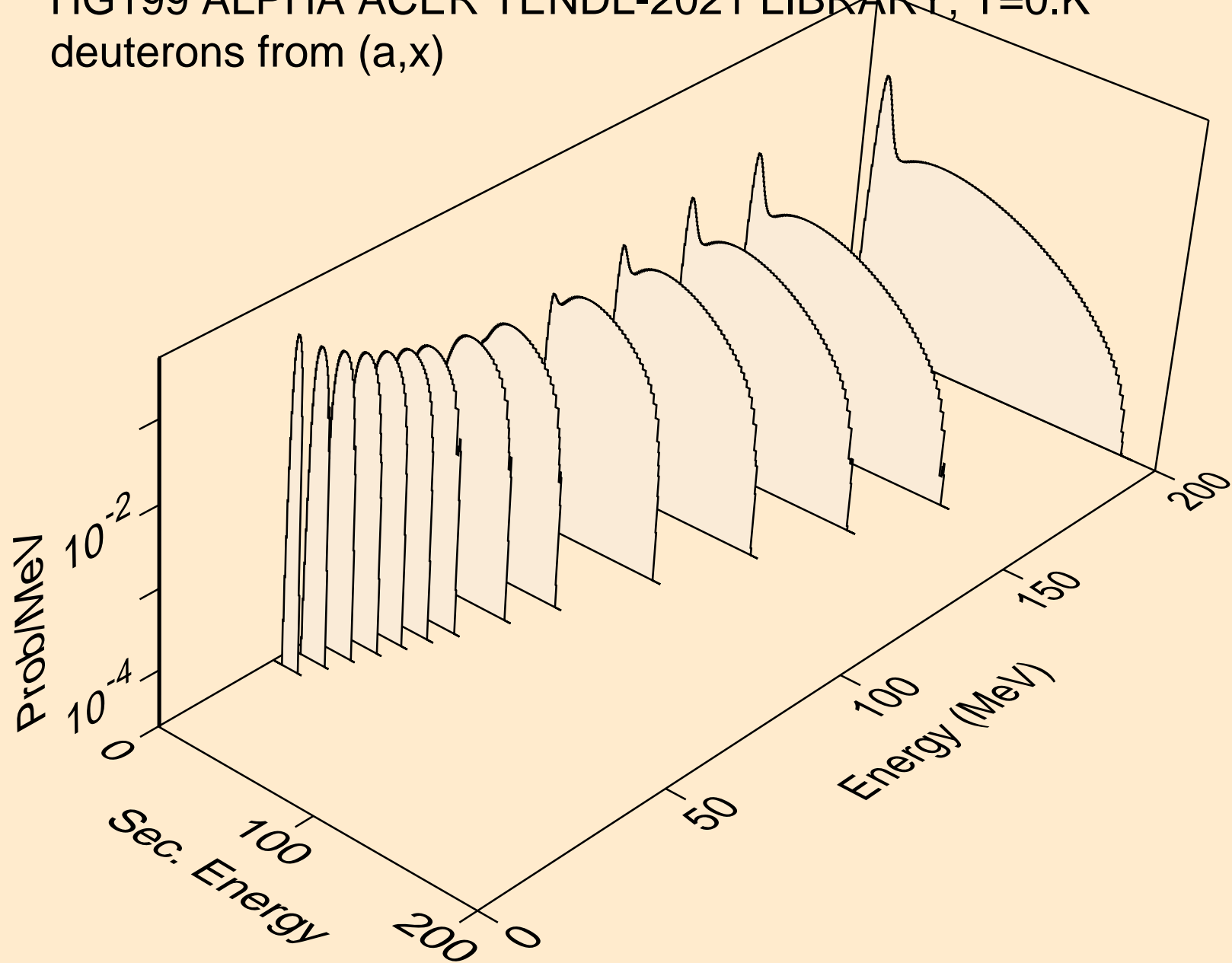
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



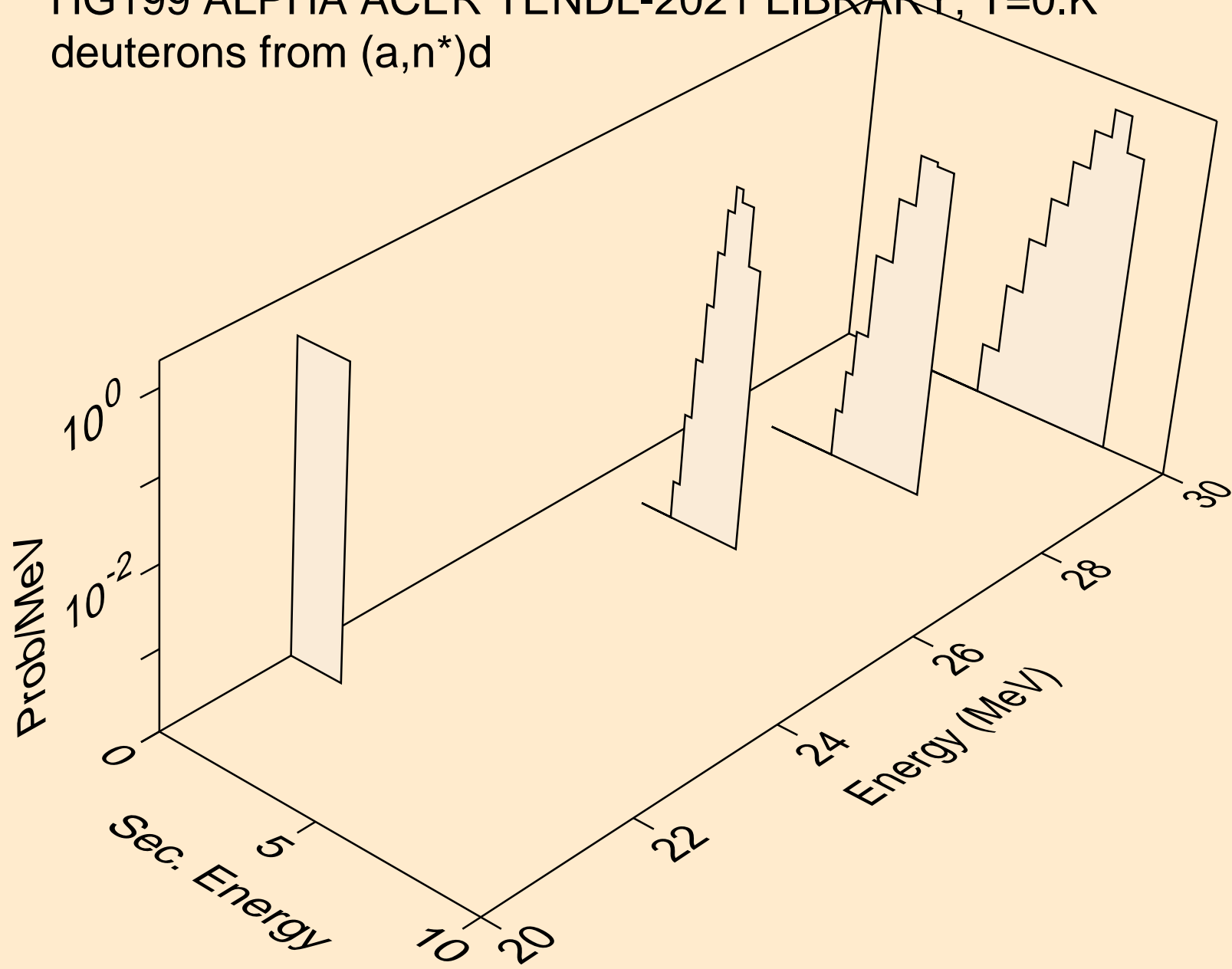
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



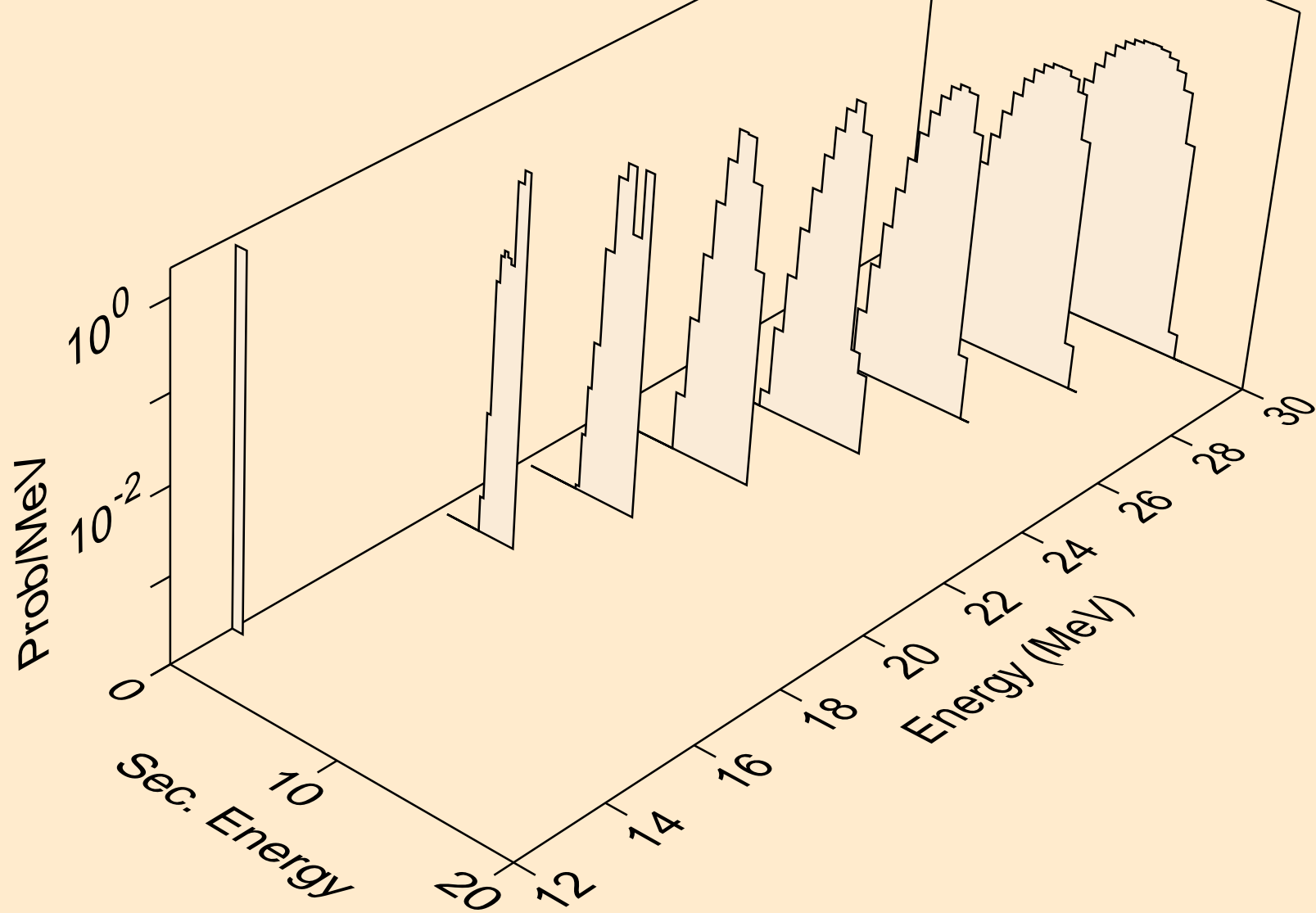
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



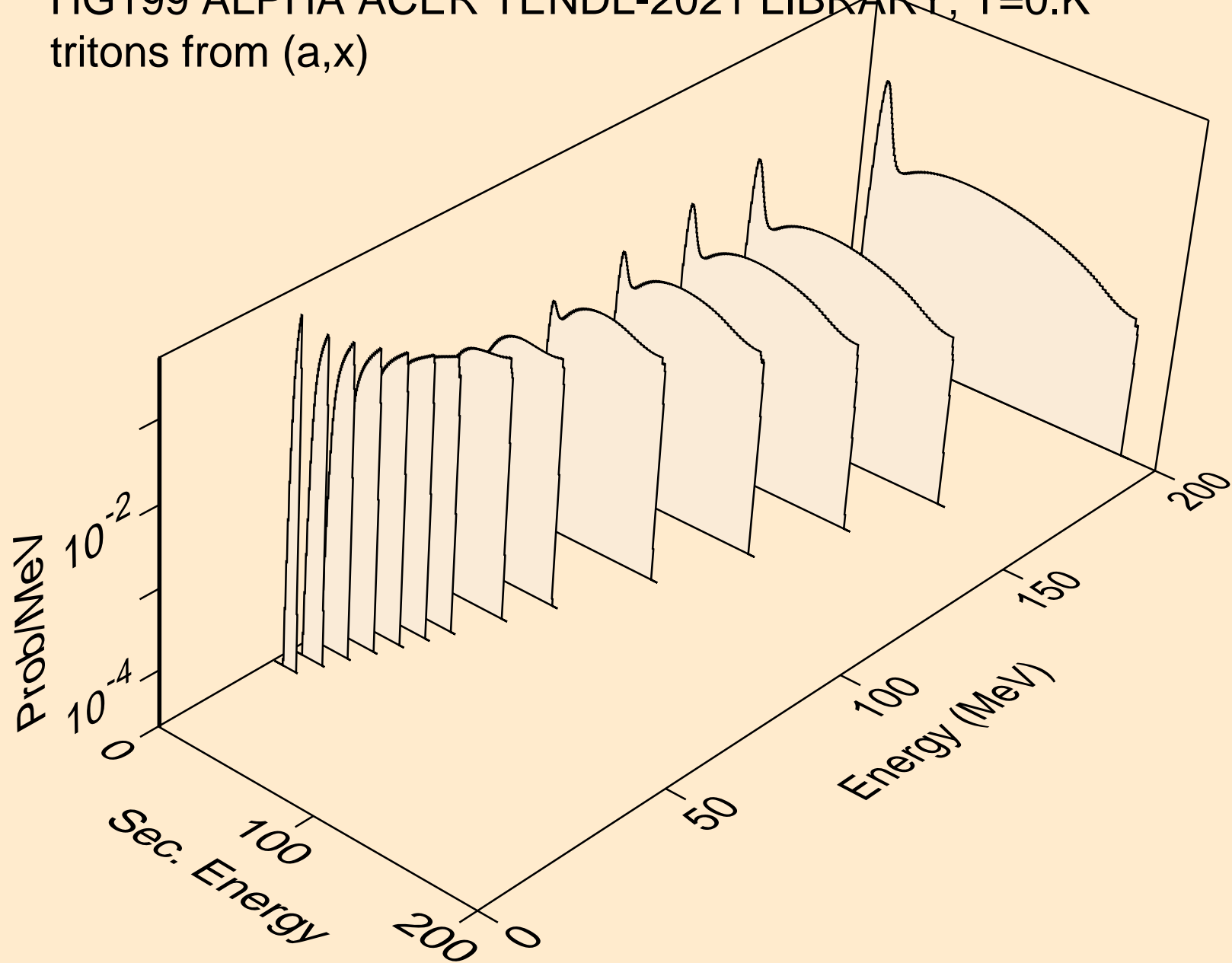
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



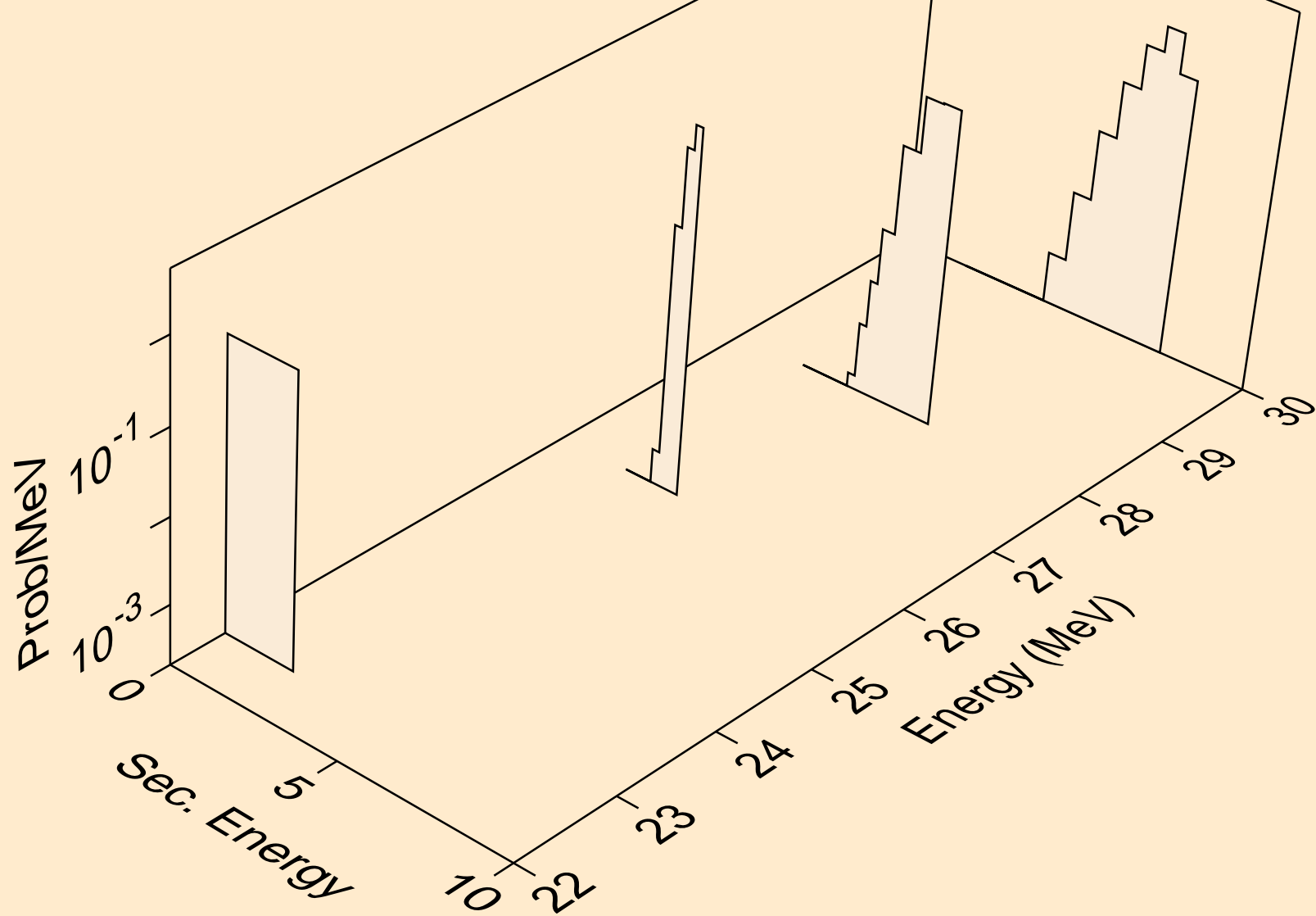
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



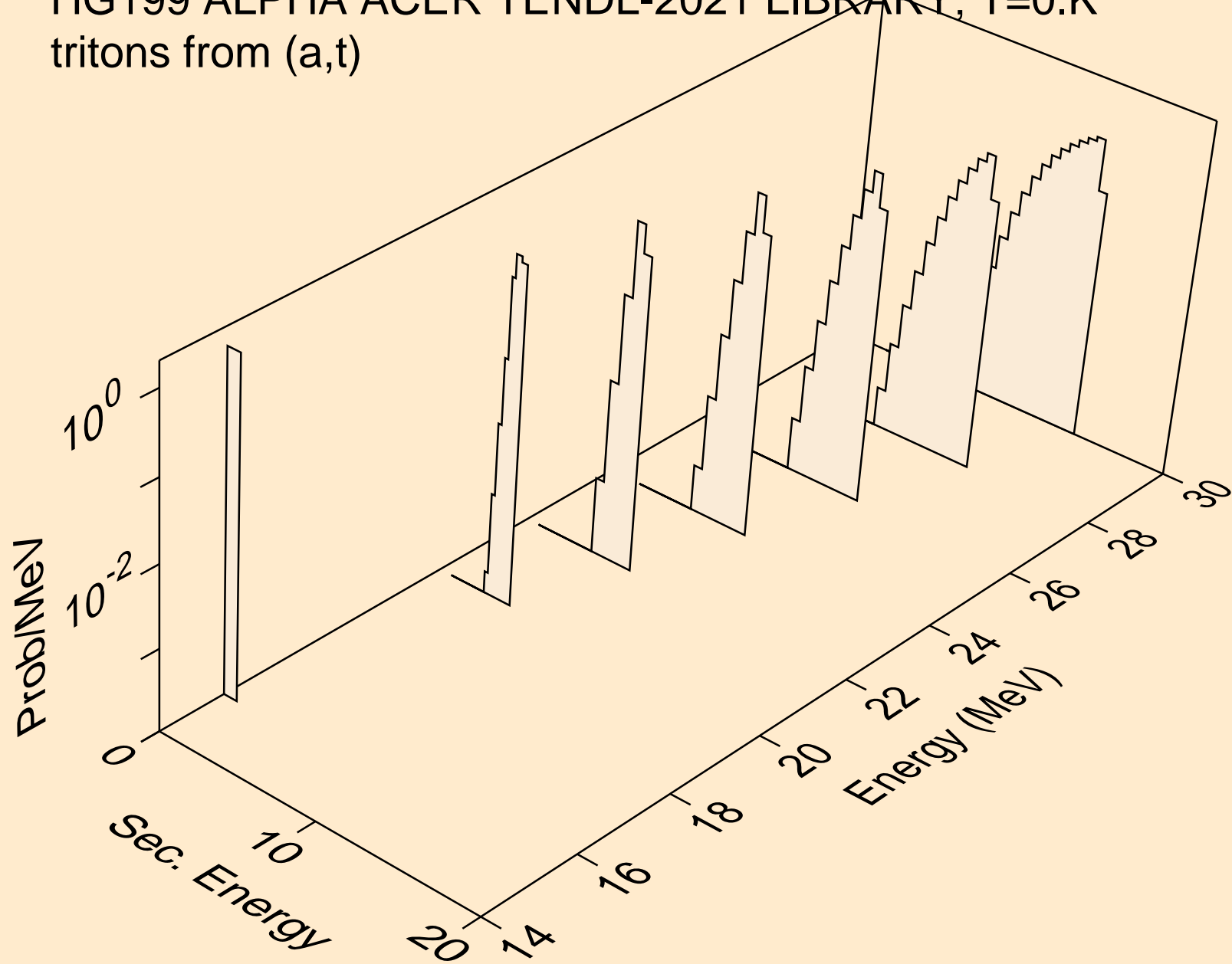
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



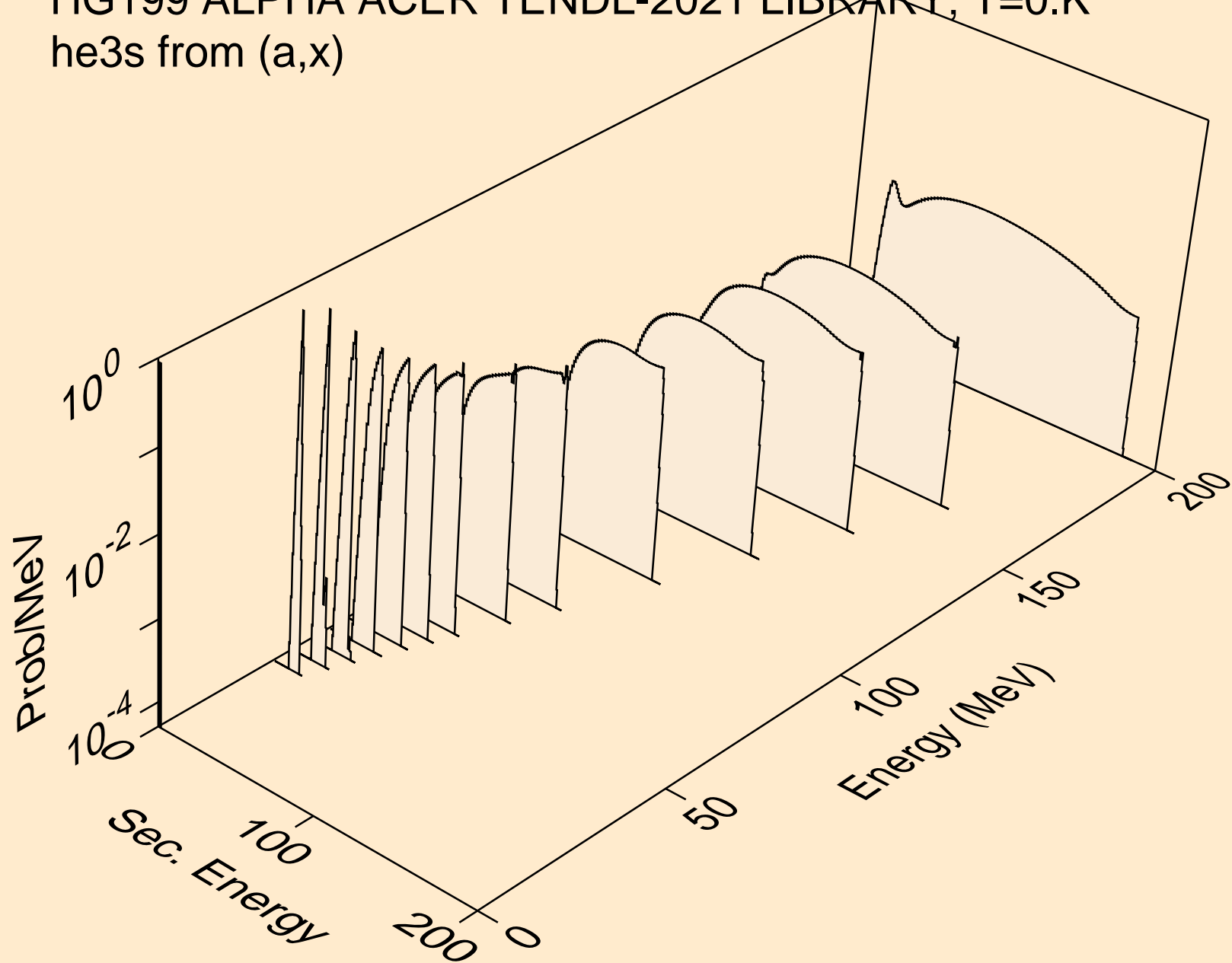
HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



HG199 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

