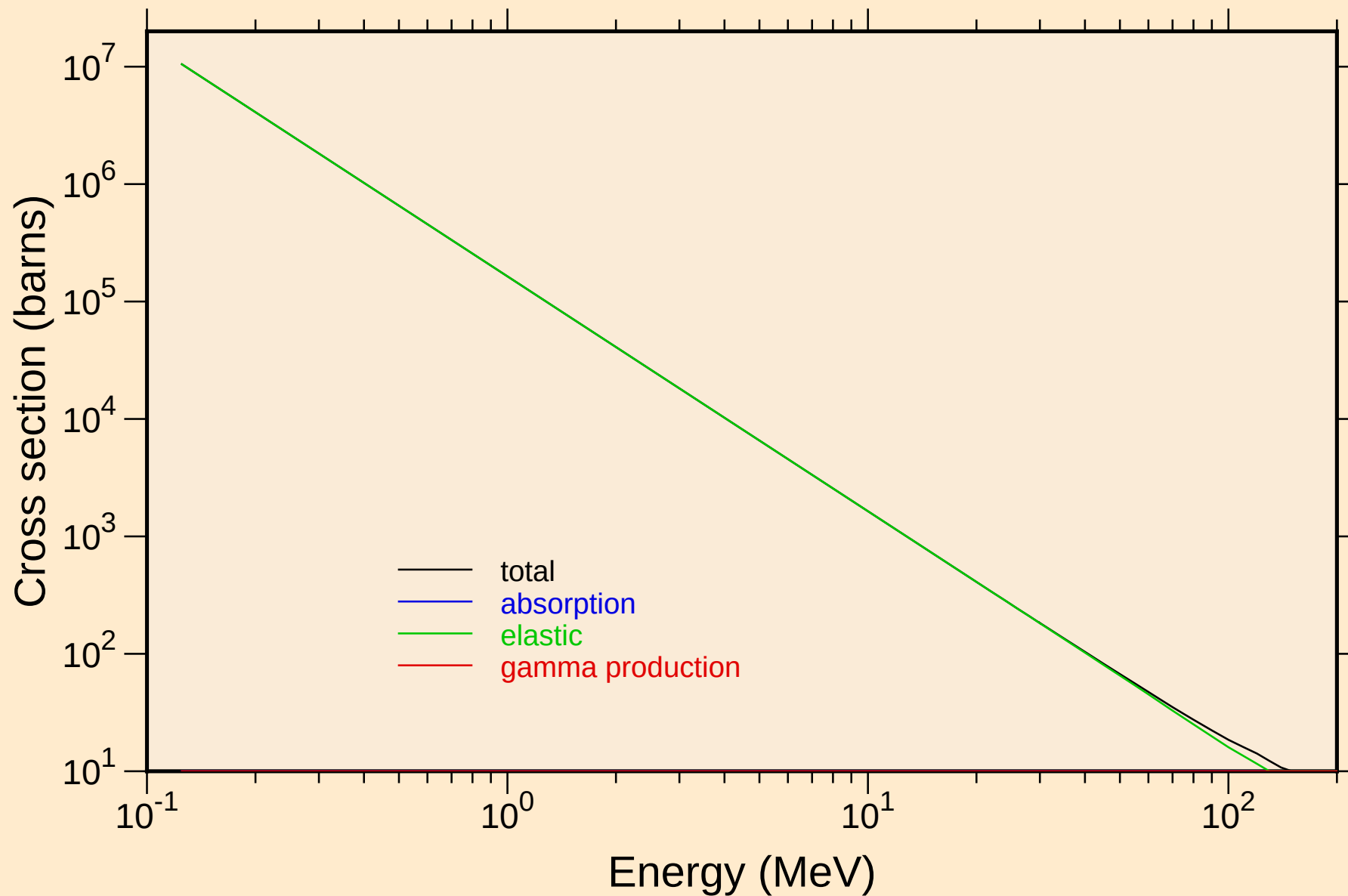


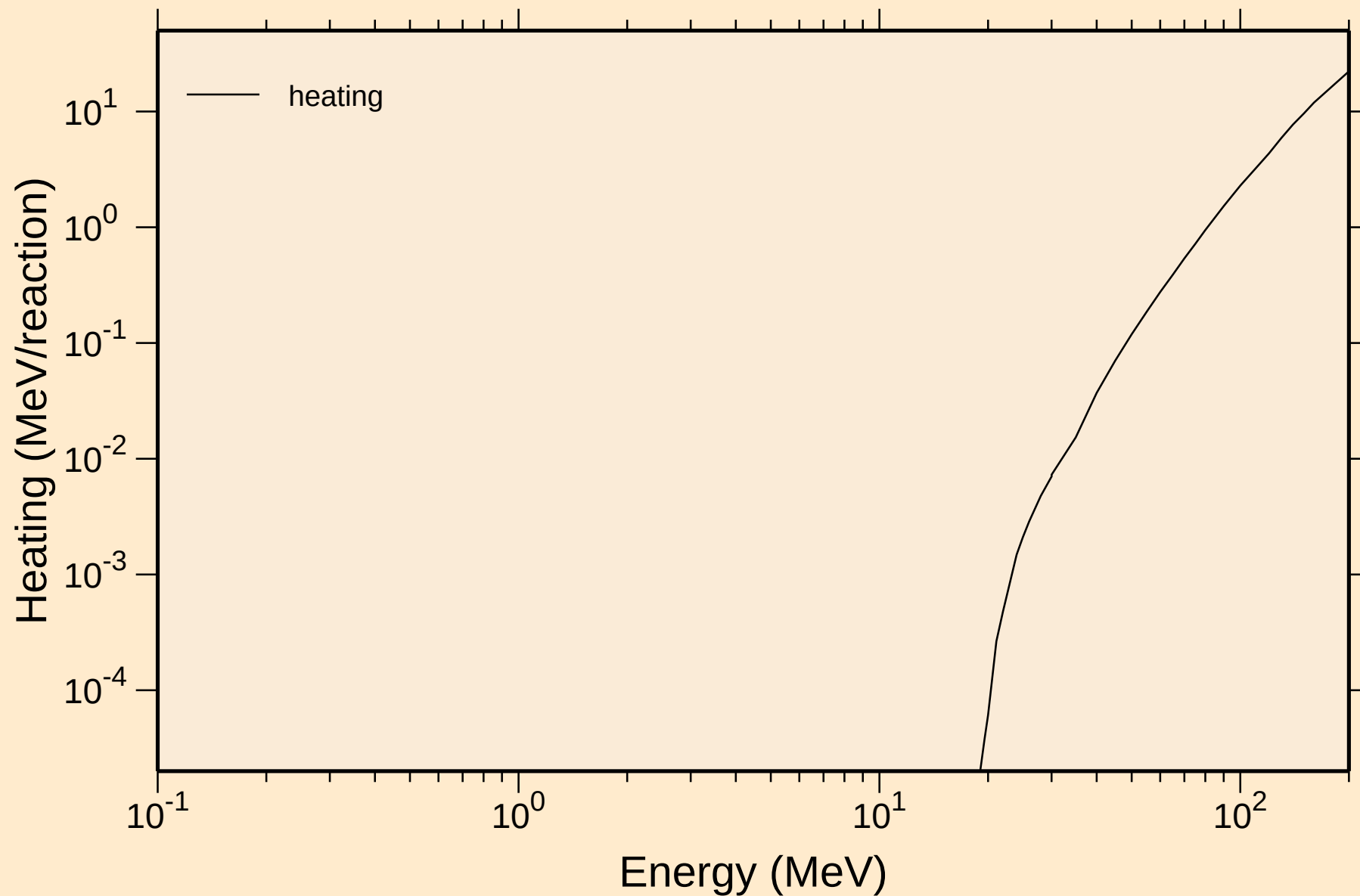
# HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



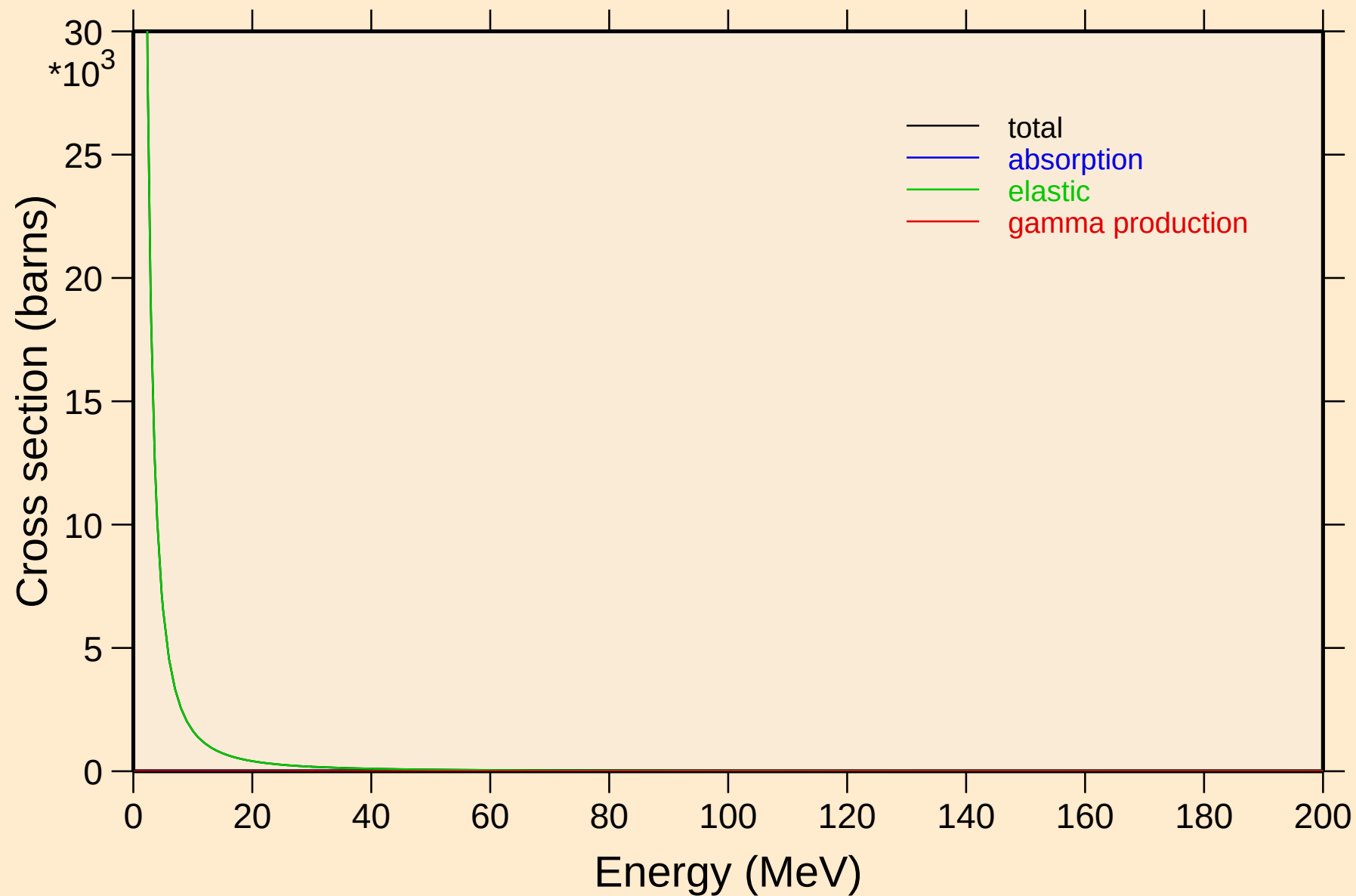
# HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



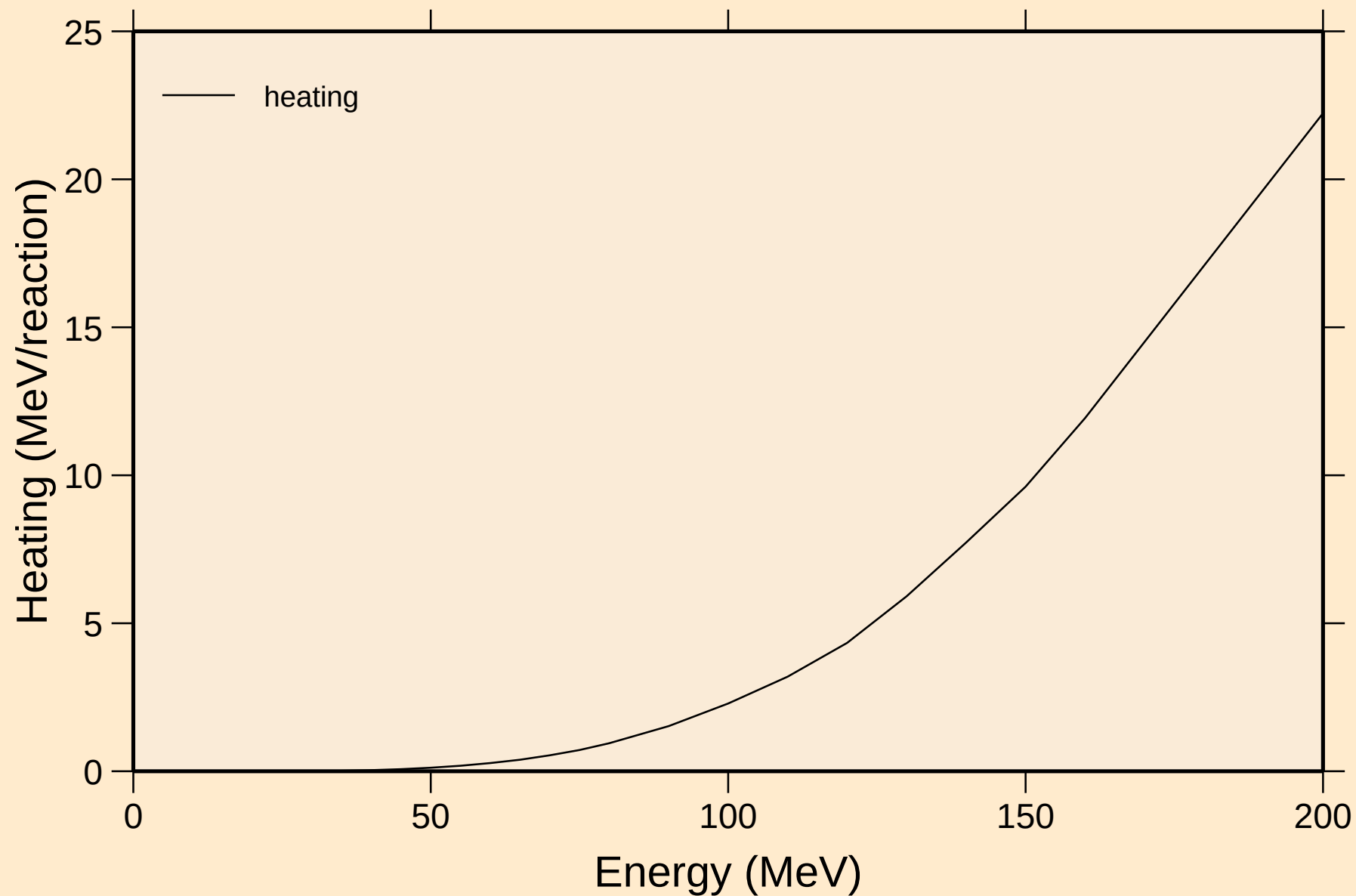
# HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



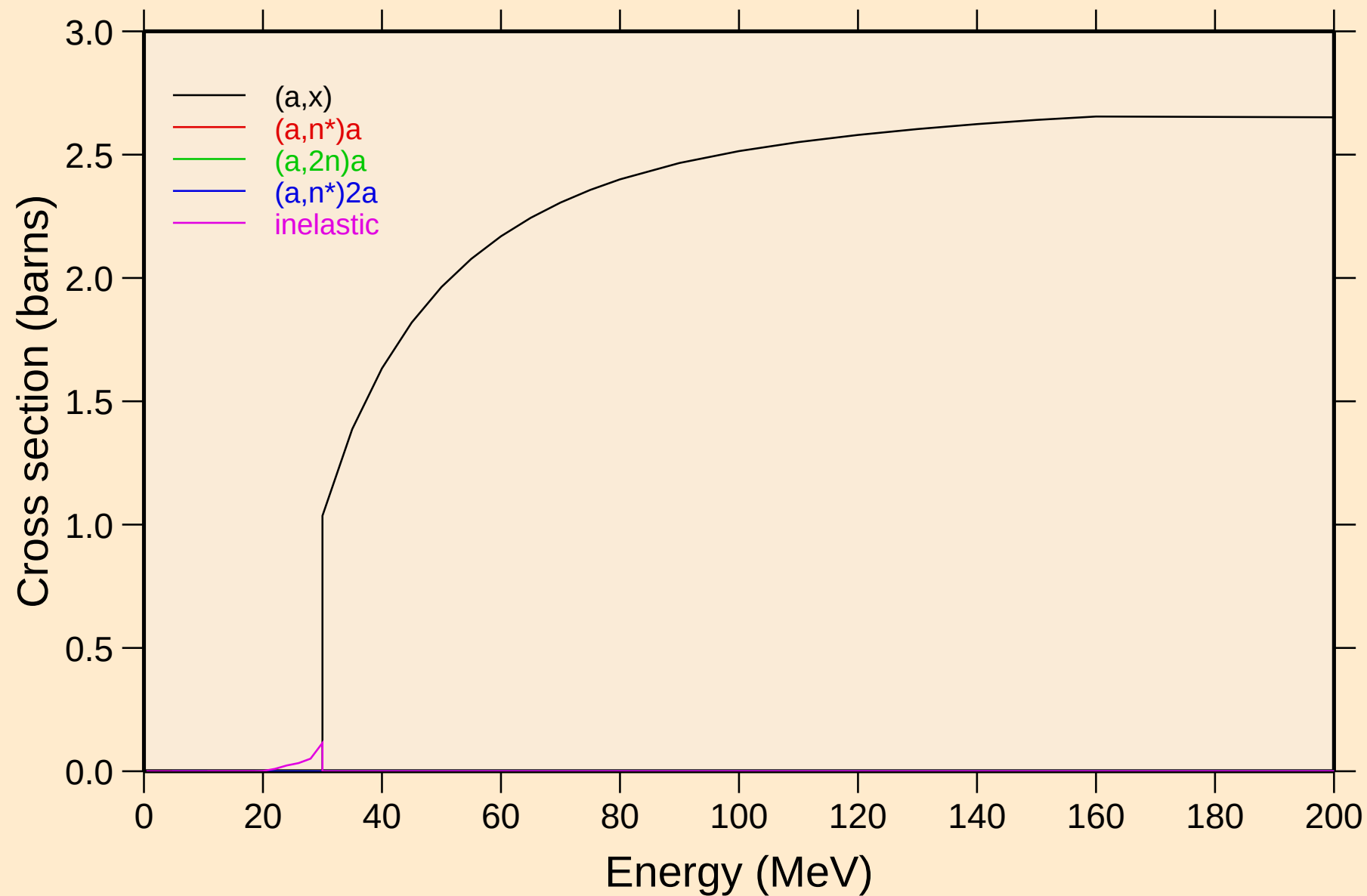
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



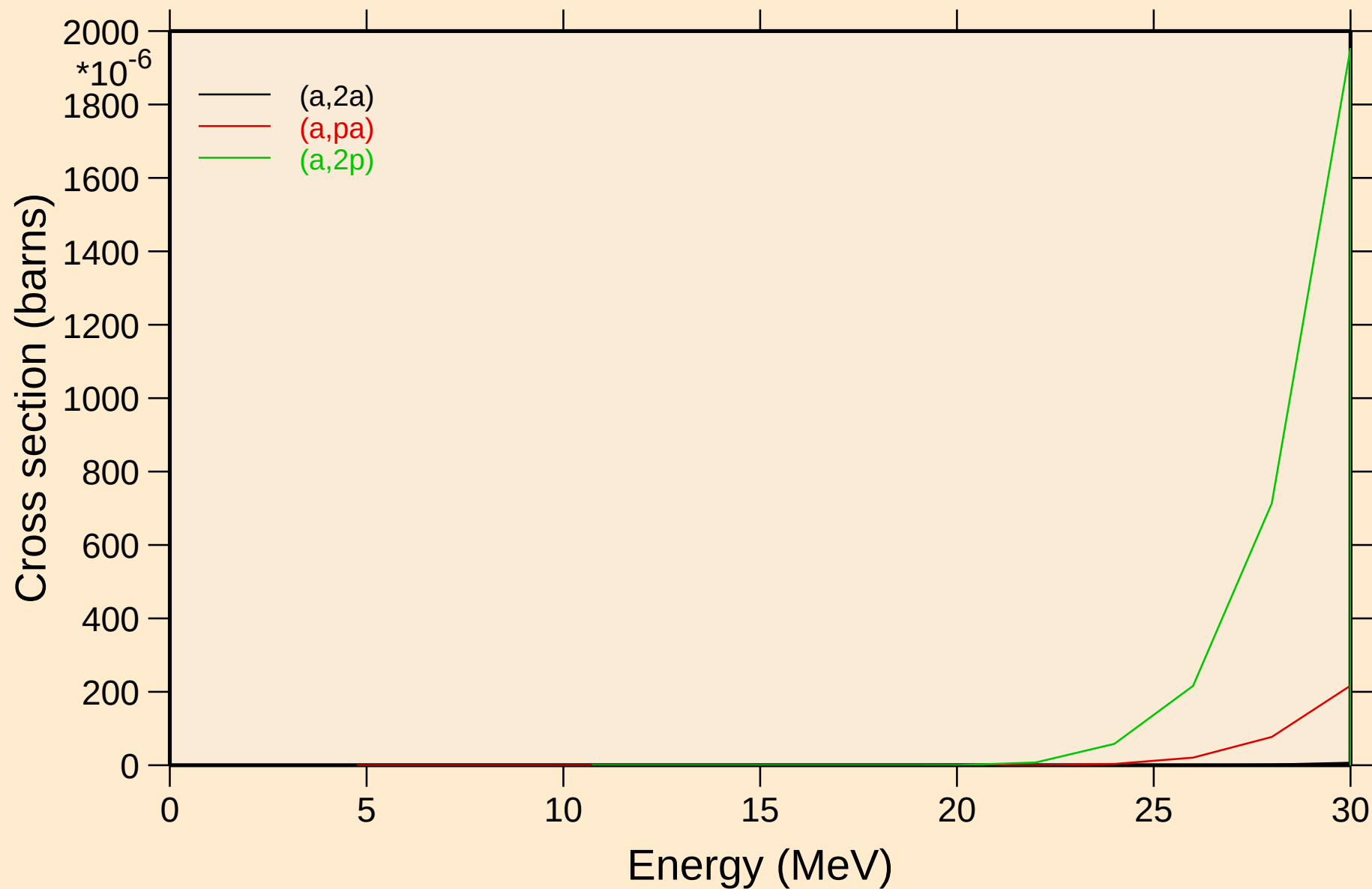
# HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



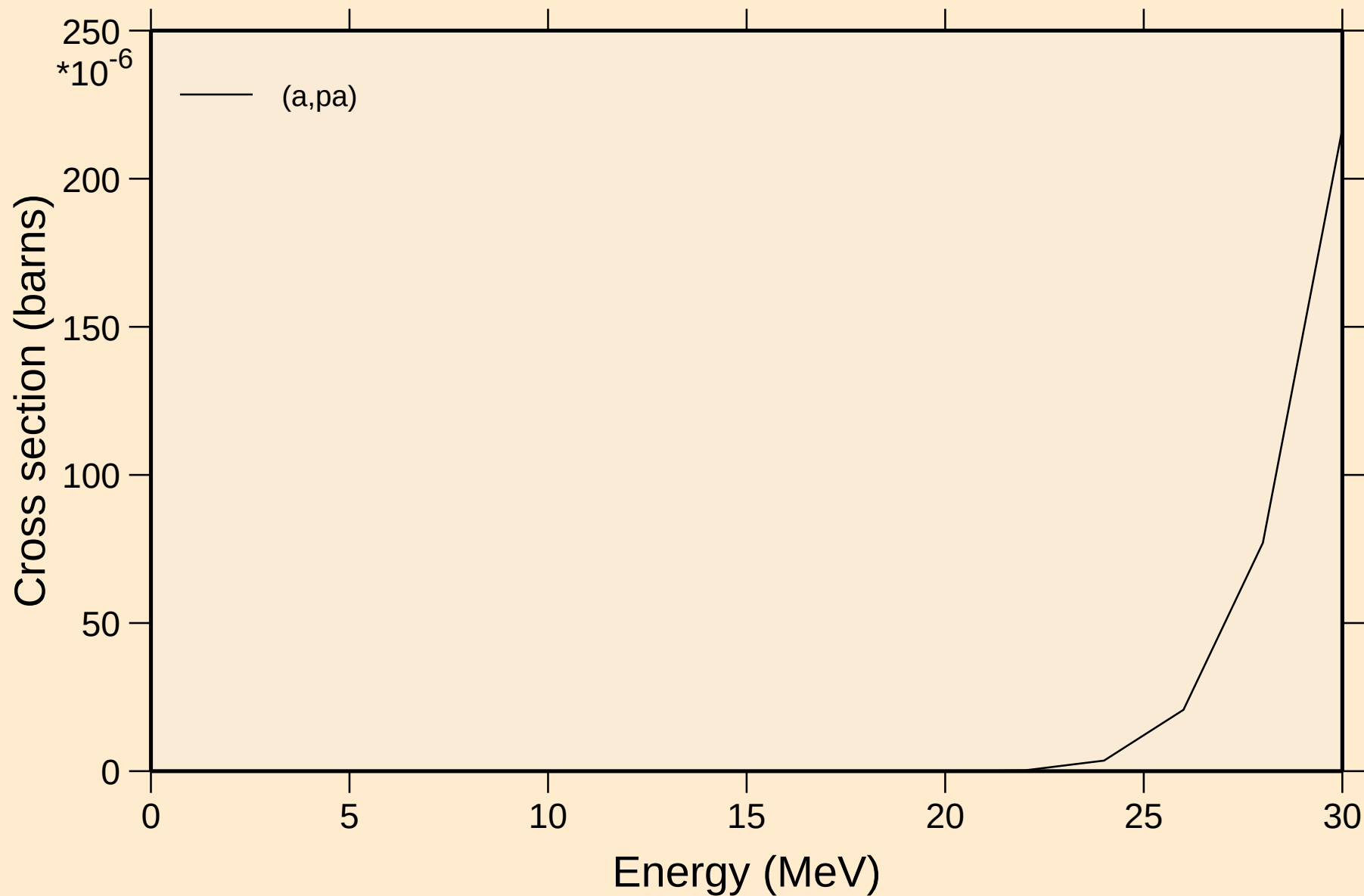
# HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

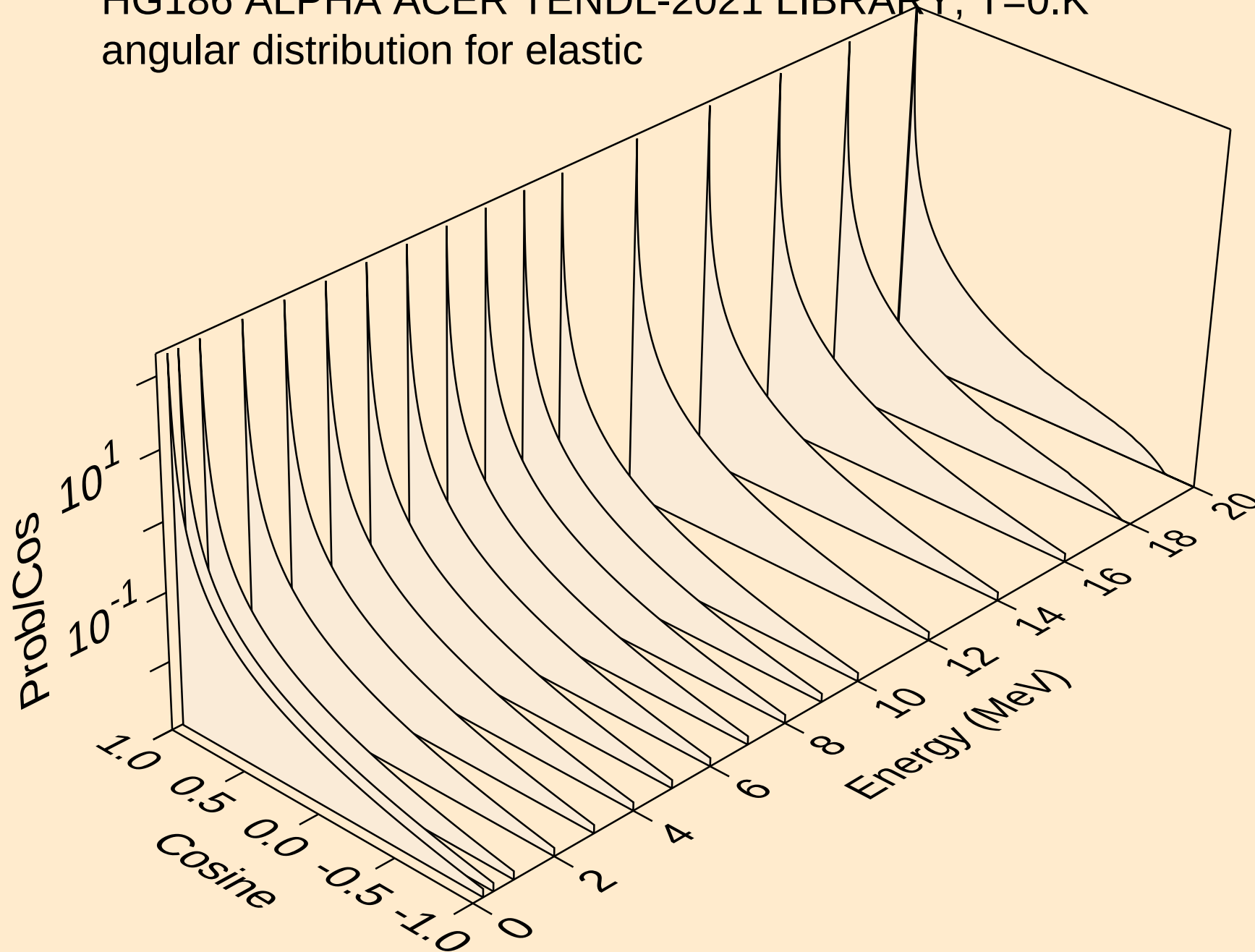


# HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

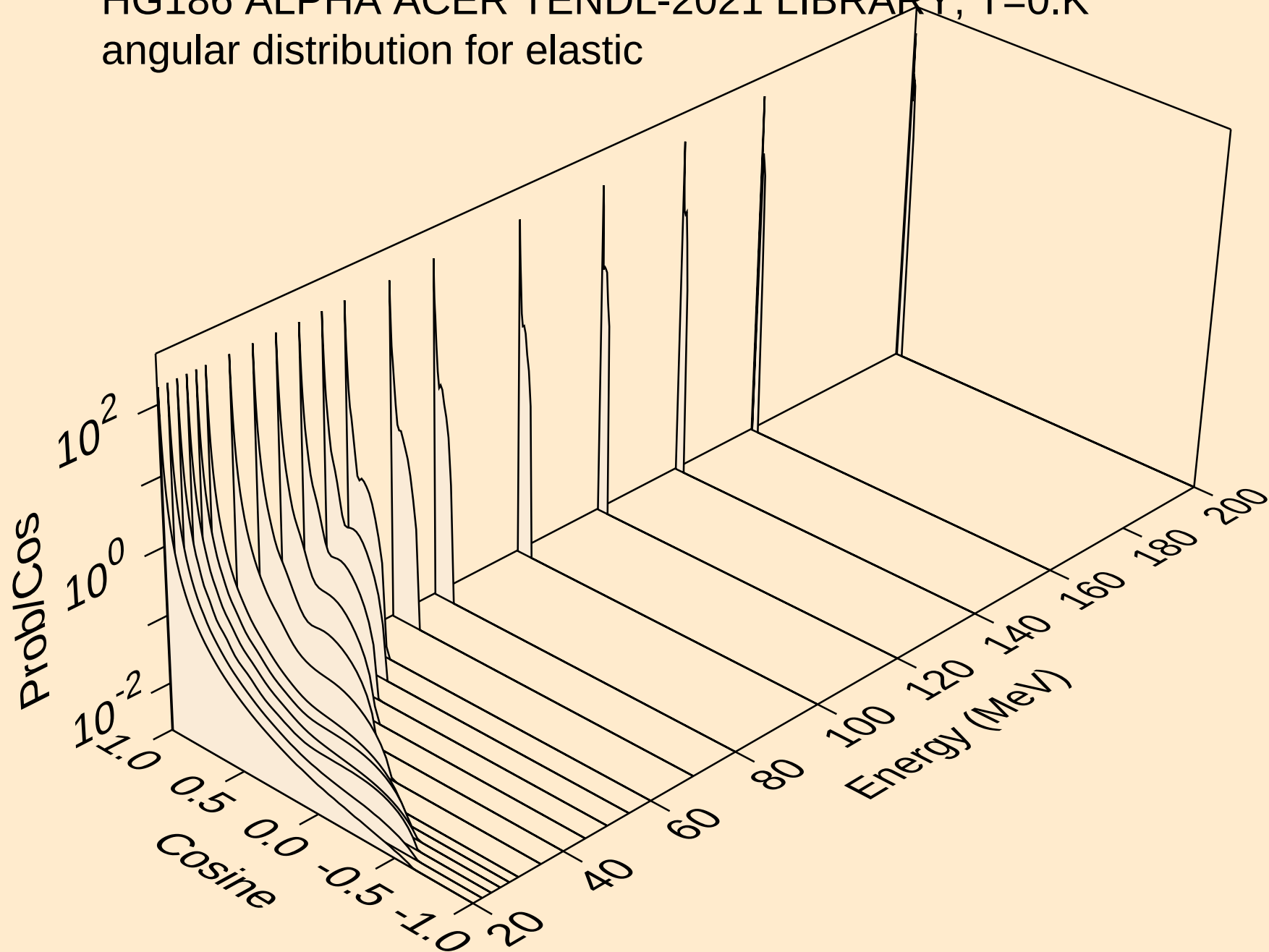


HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



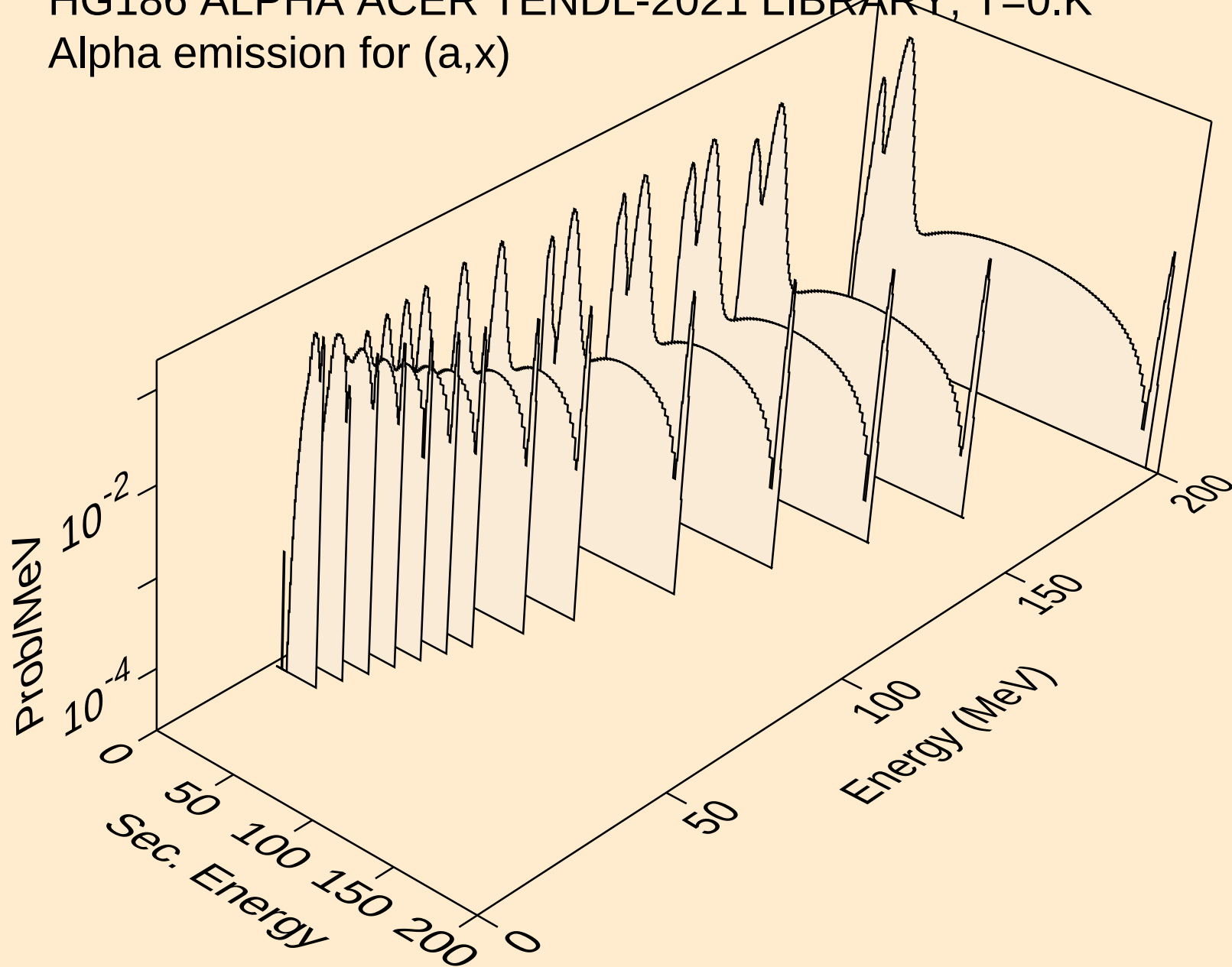


HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



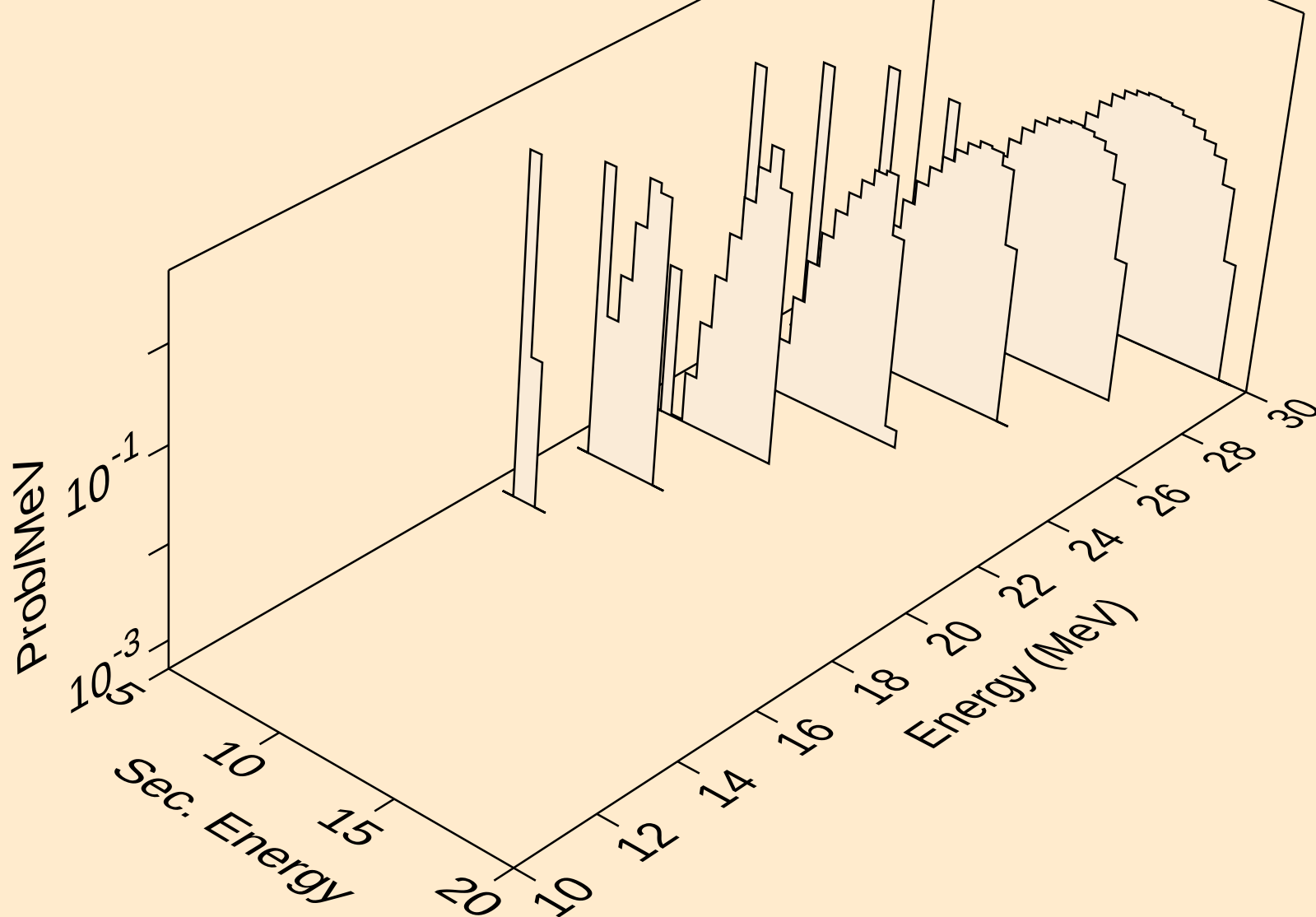
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)



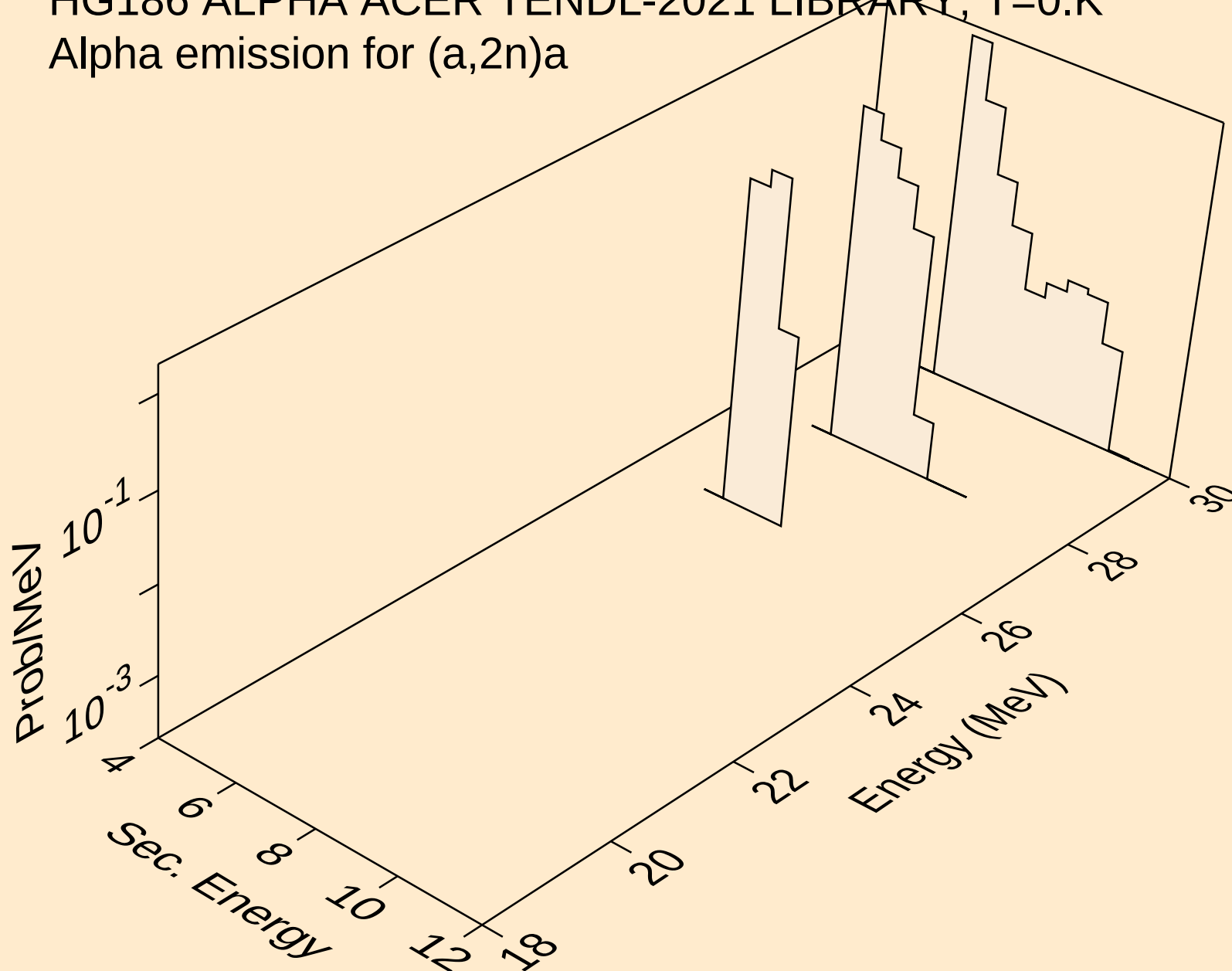
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



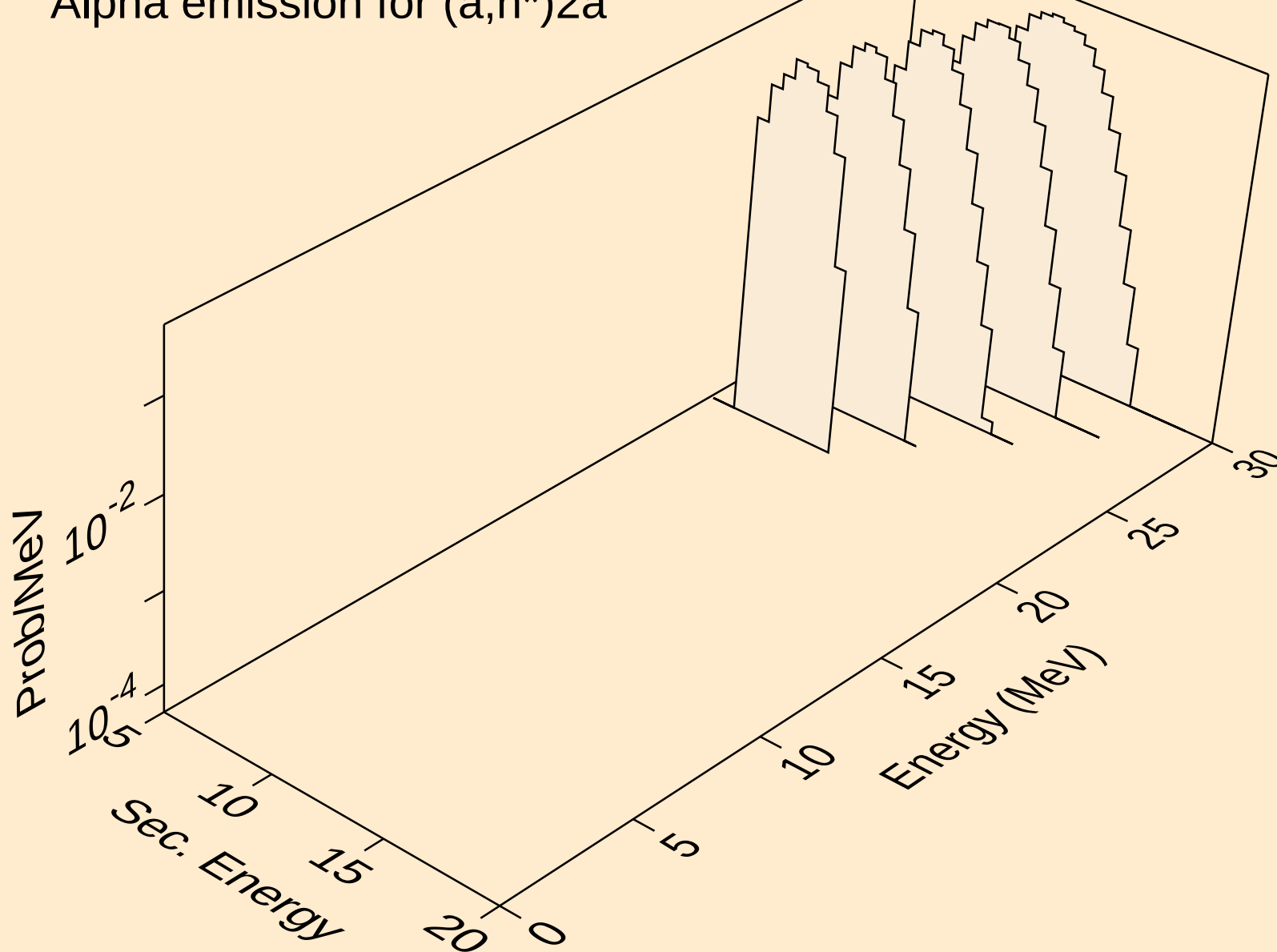
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2n)a

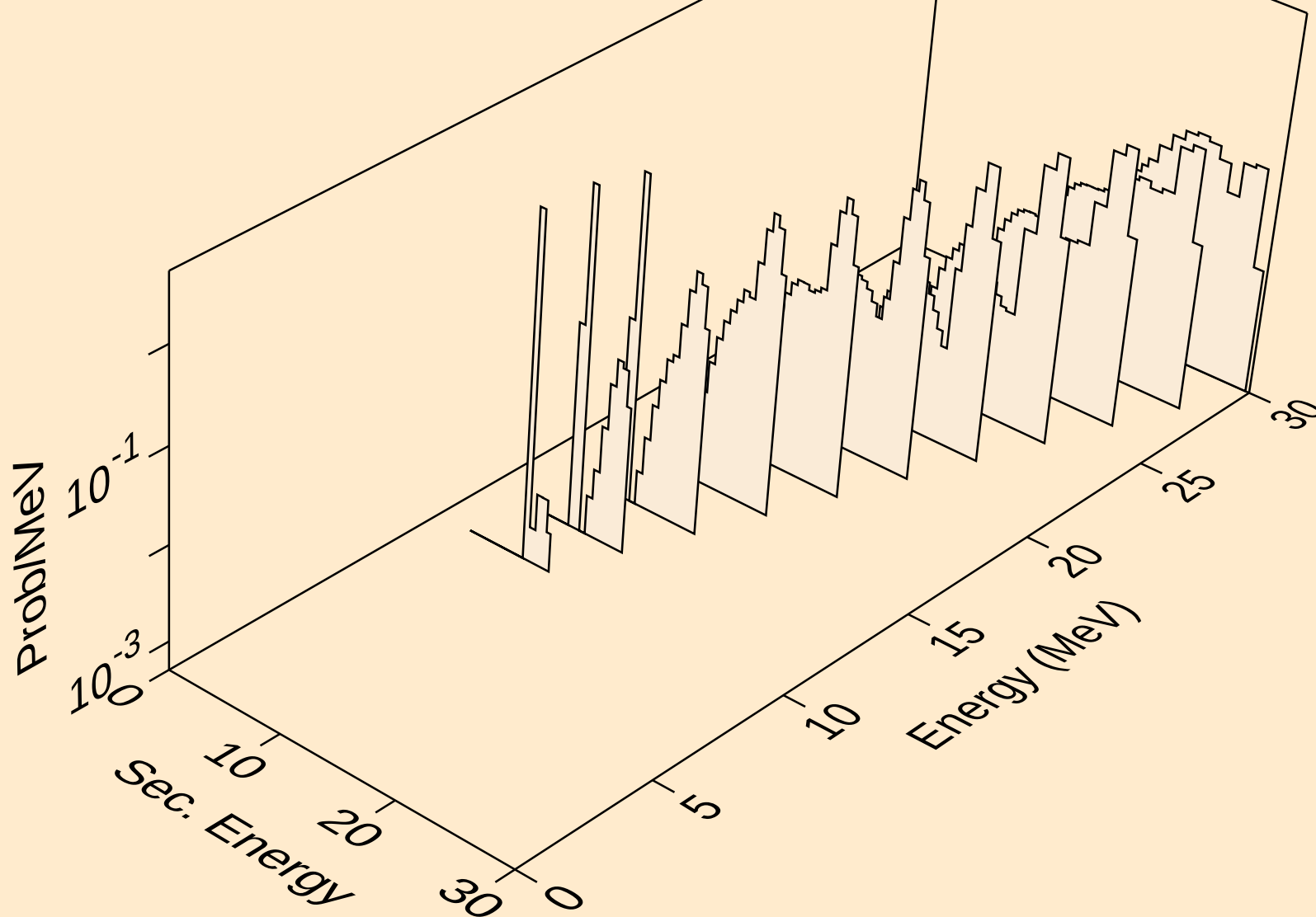


HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

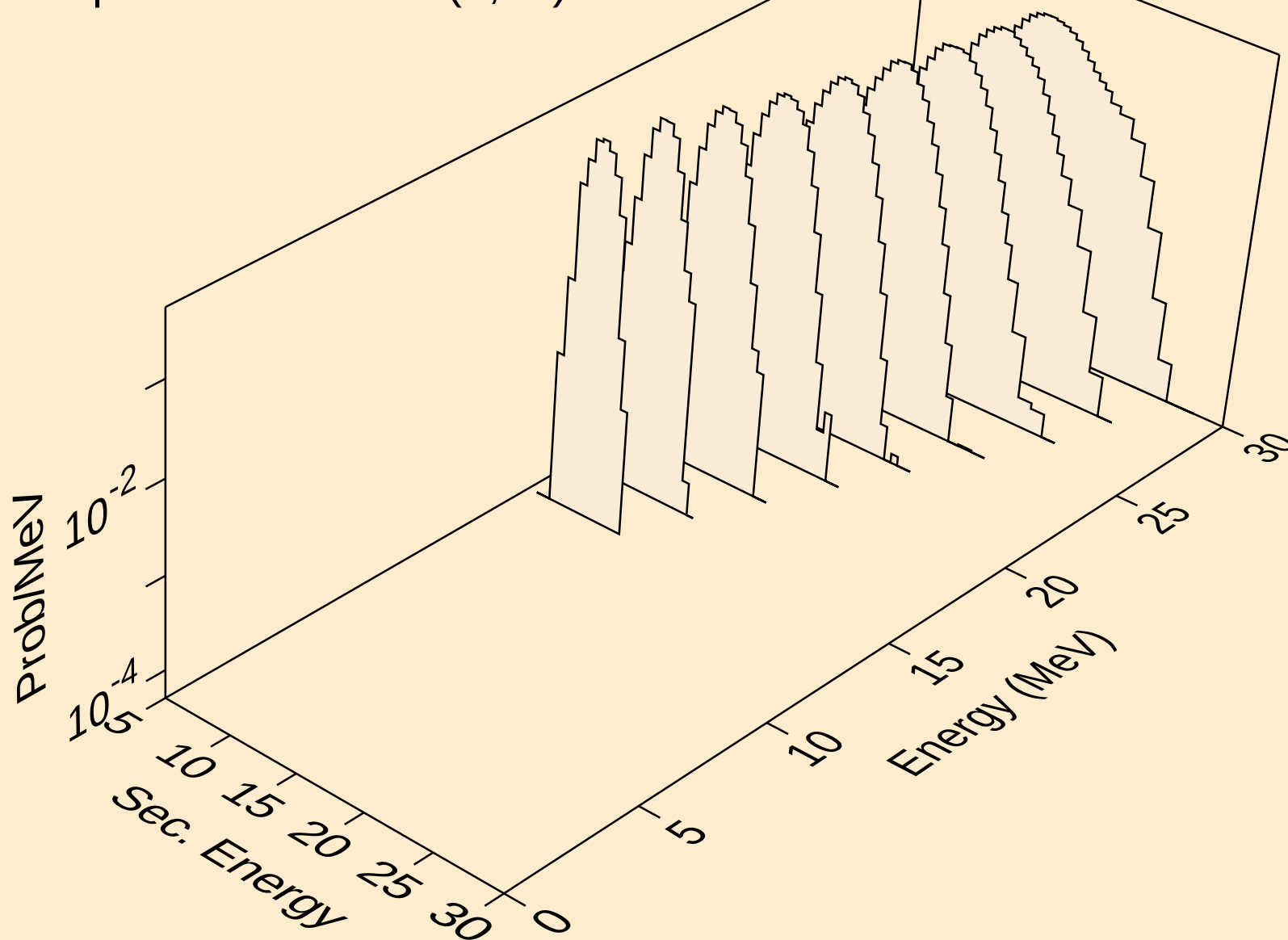
Alpha emission for (a,n\*)2a



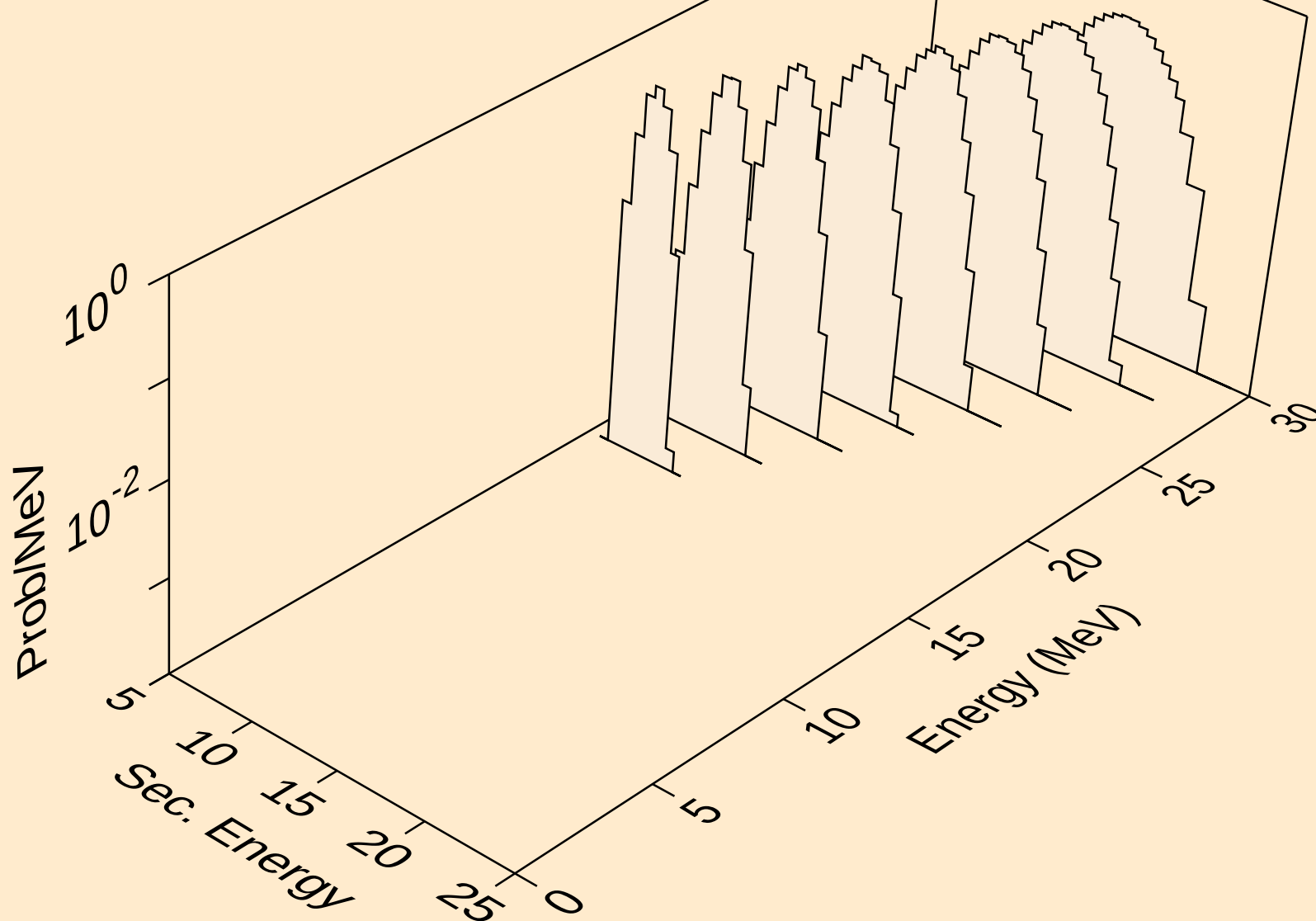
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)

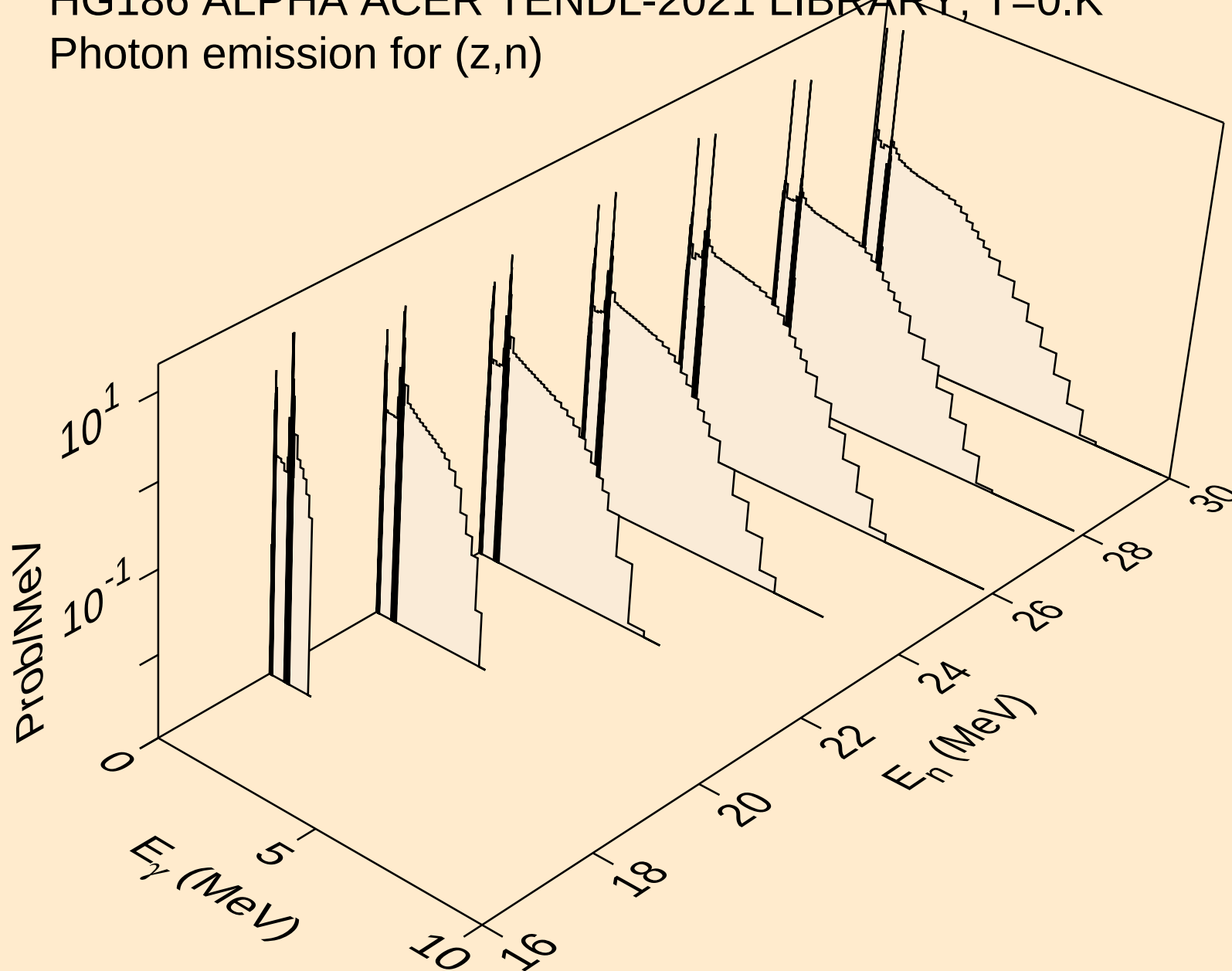


HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)



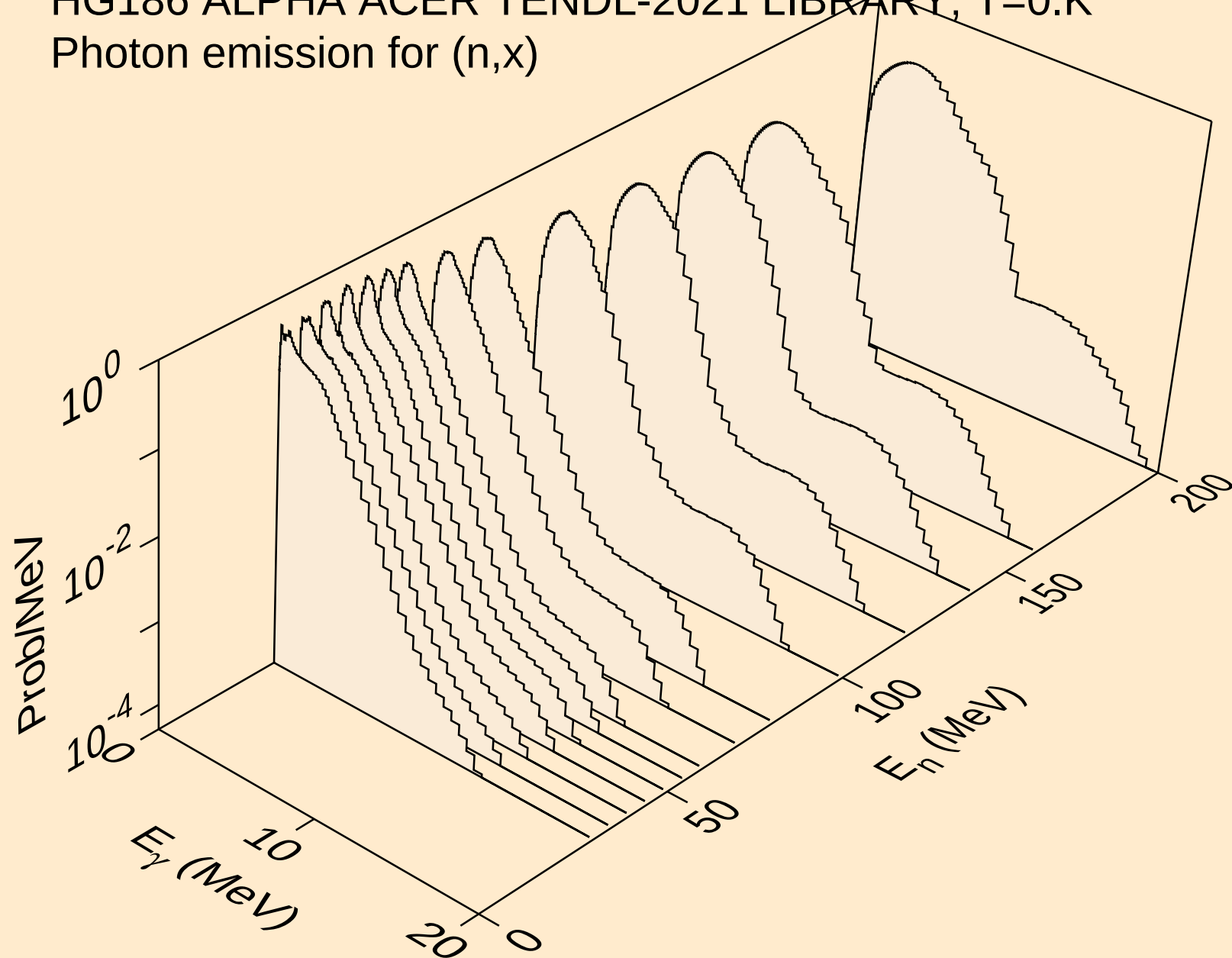


HG186 ALPHA ACER TENDL-2021 LIBRARY;  $T=0.K$   
Photon emission for (z,n)

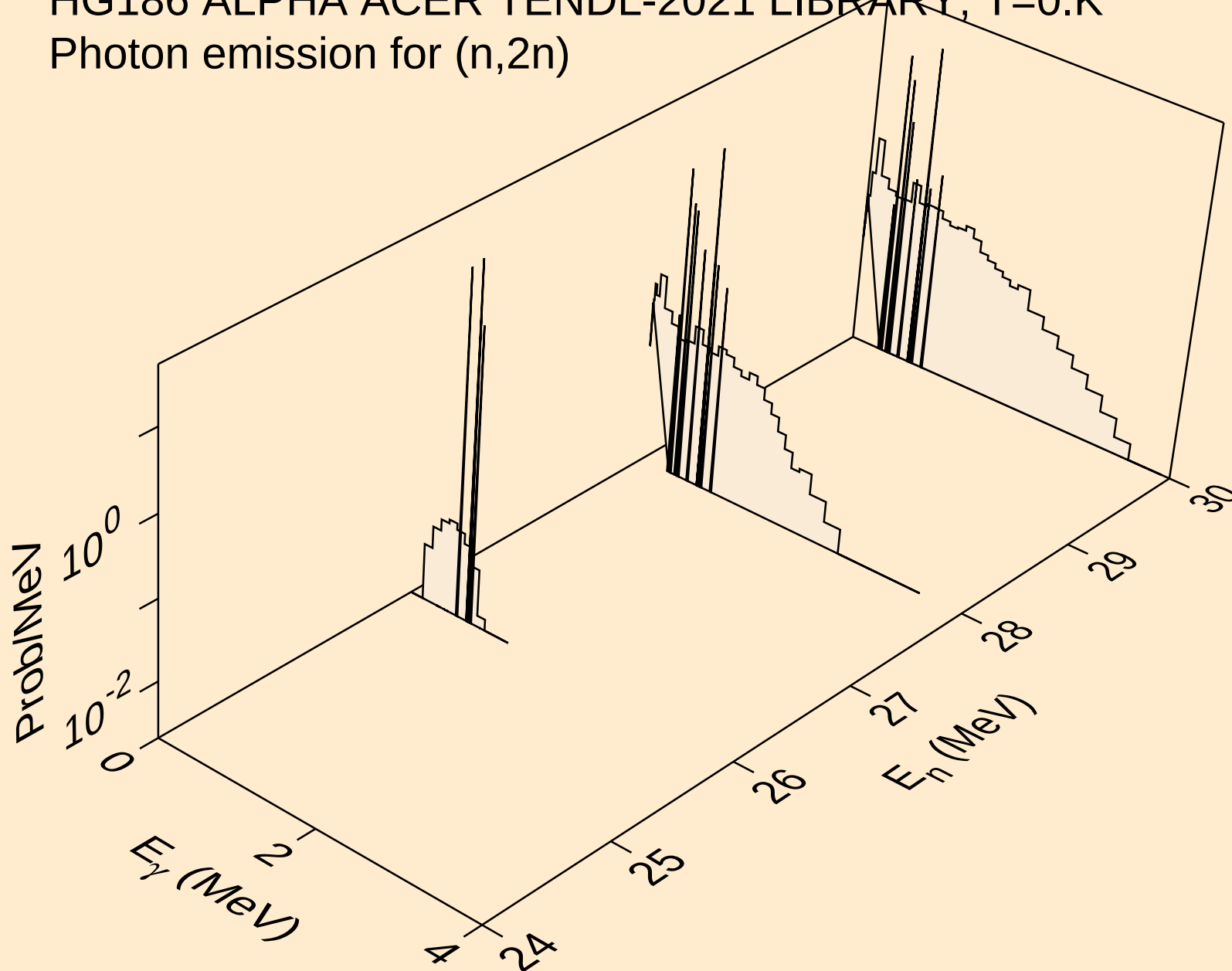


HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,x)

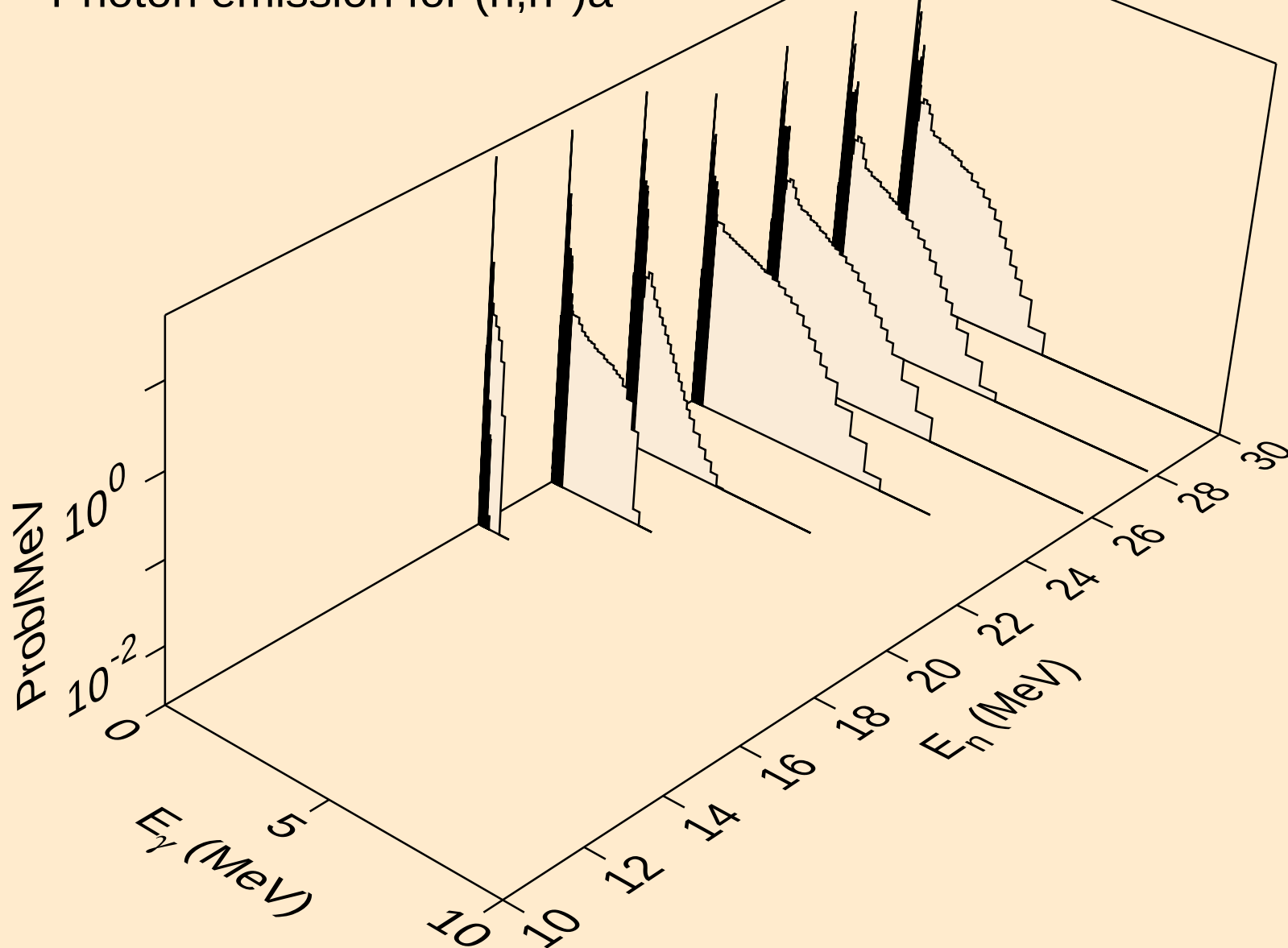


HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



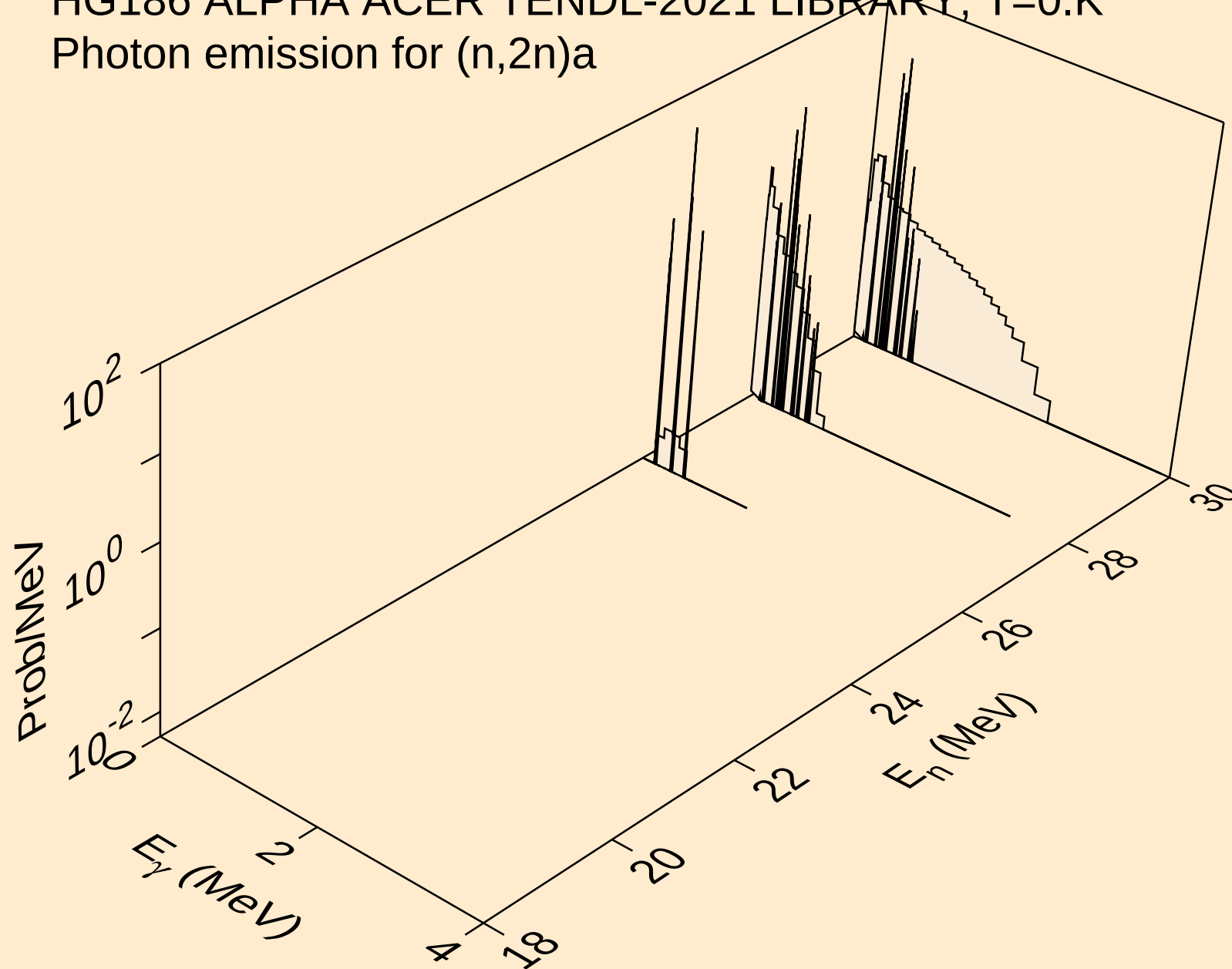
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)a

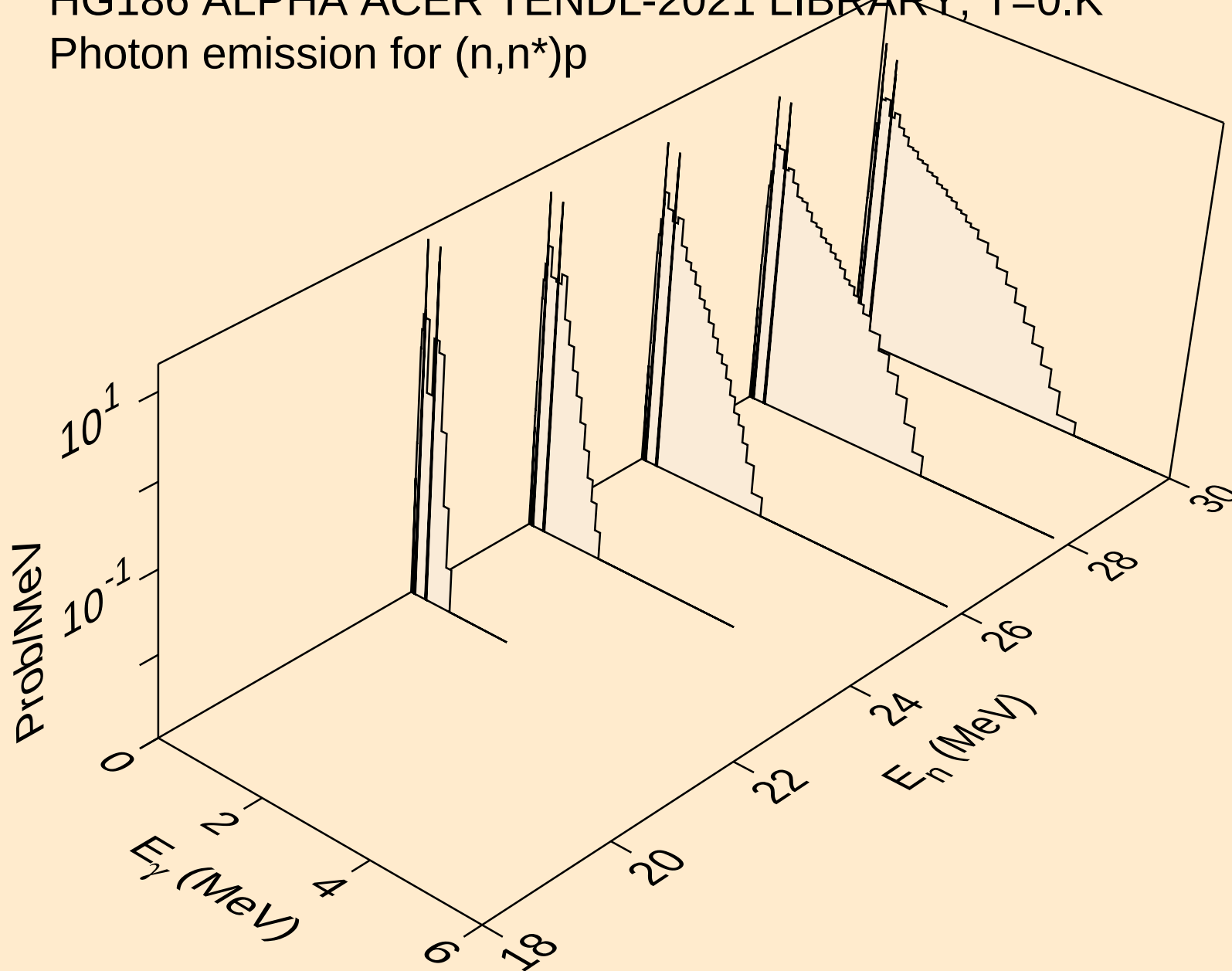


HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

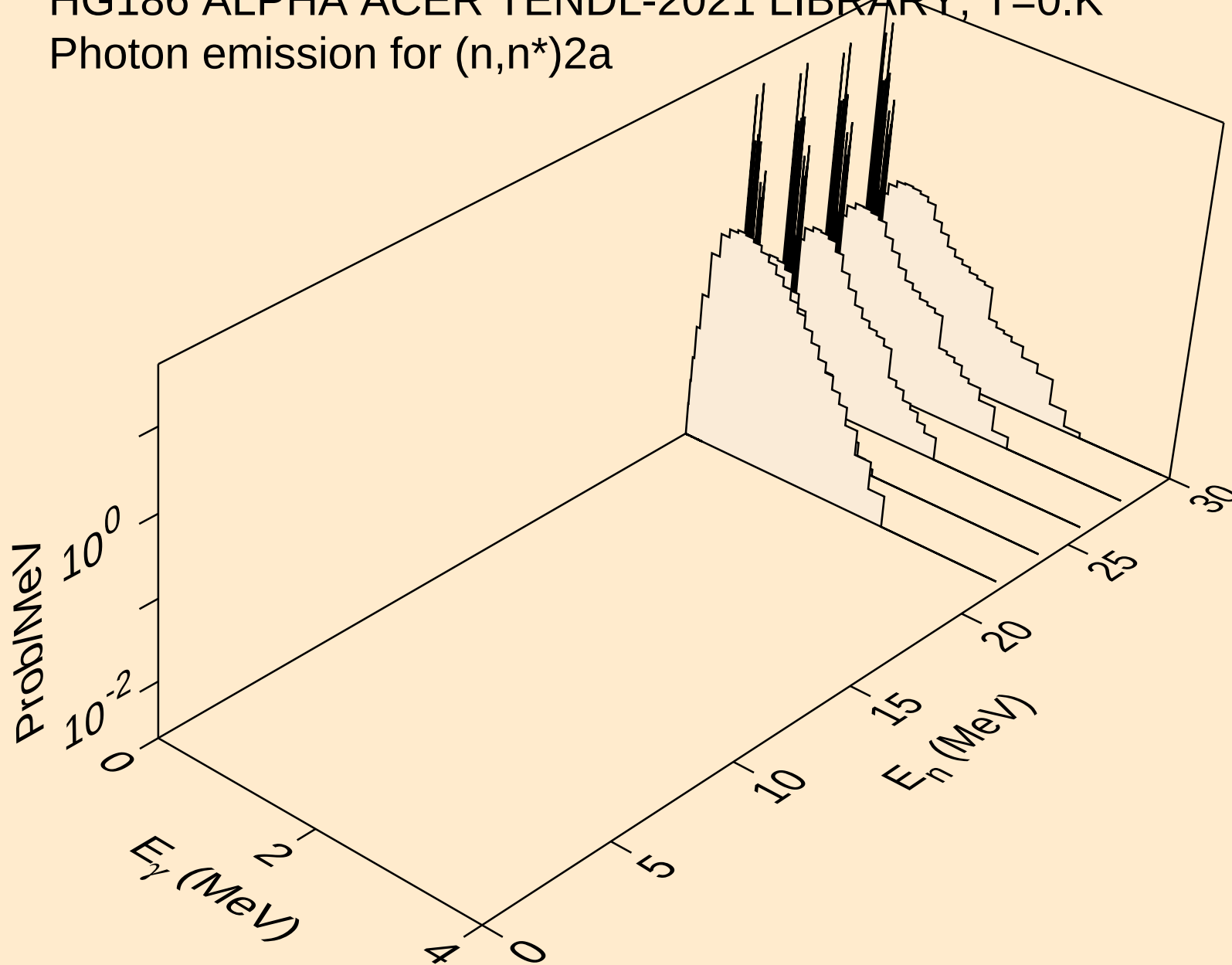
Photon emission for (n,2n) $\alpha$



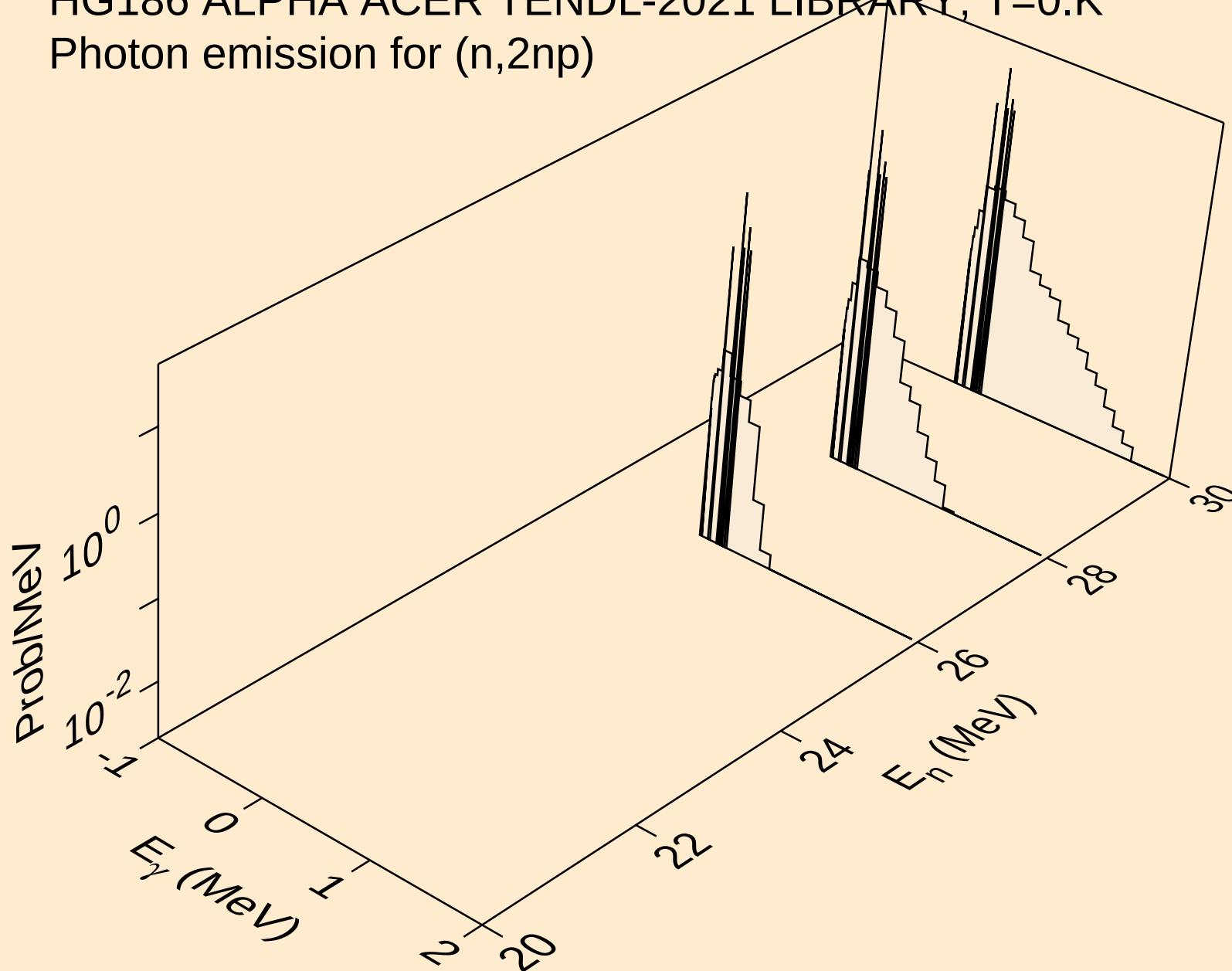
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

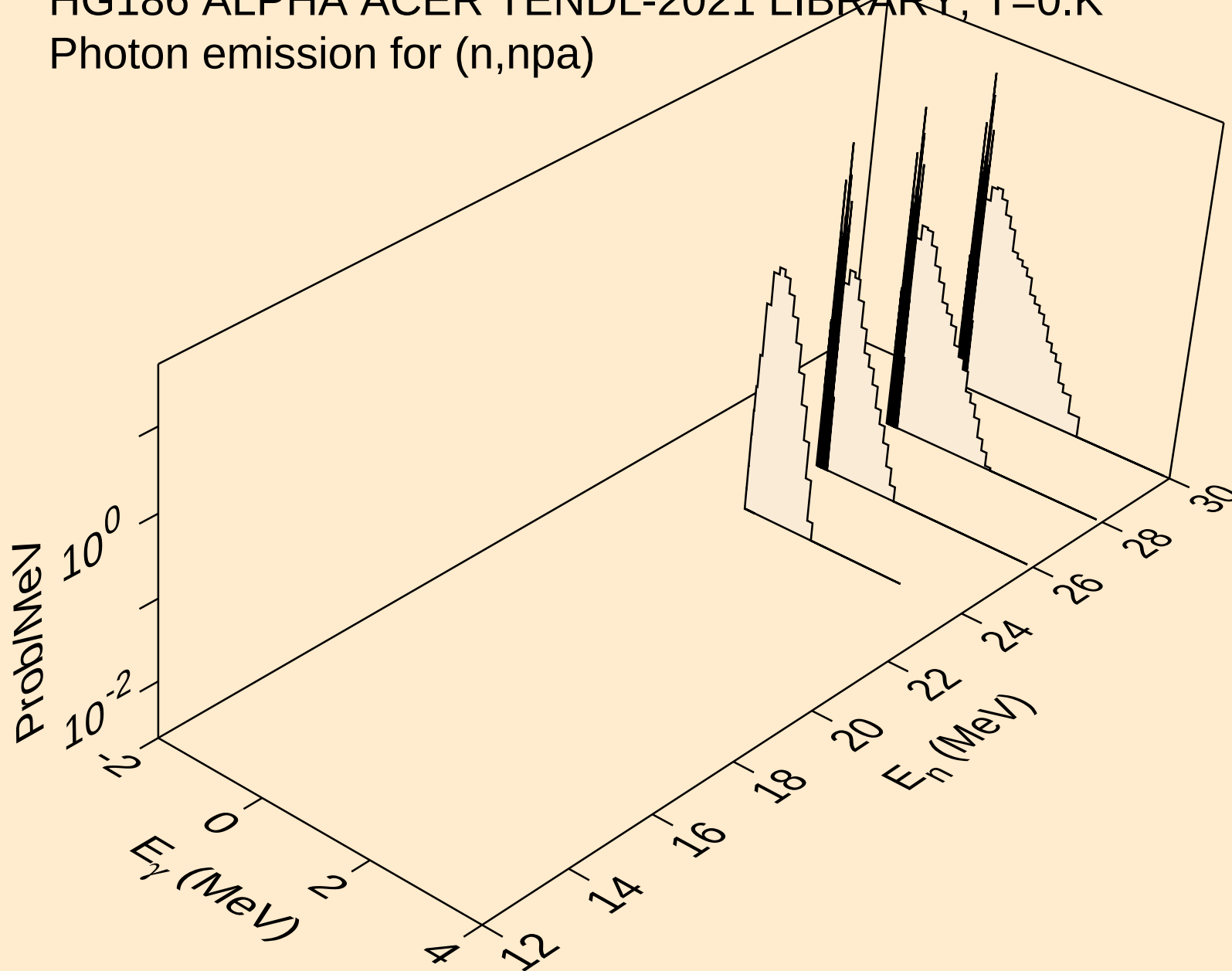


HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

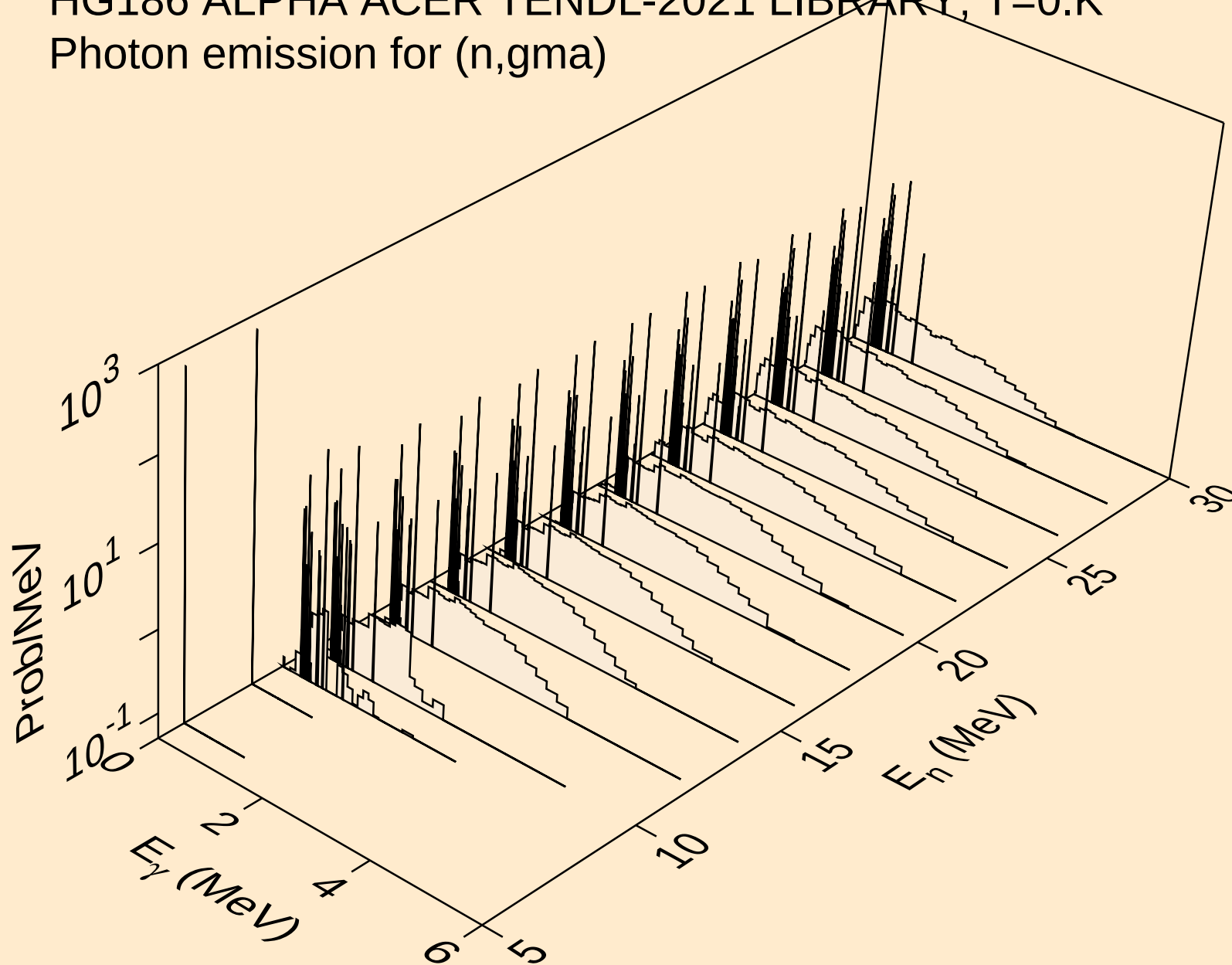




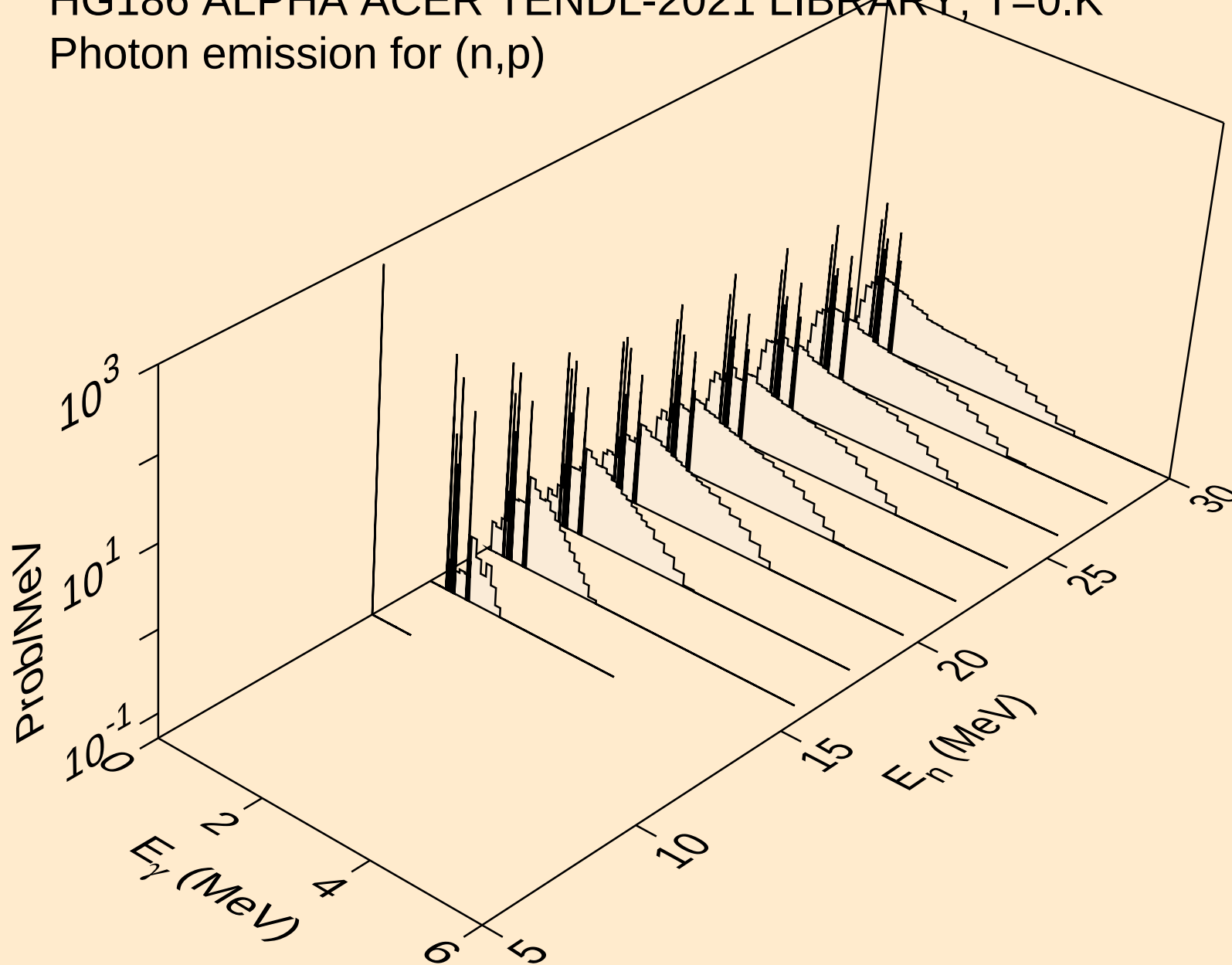
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



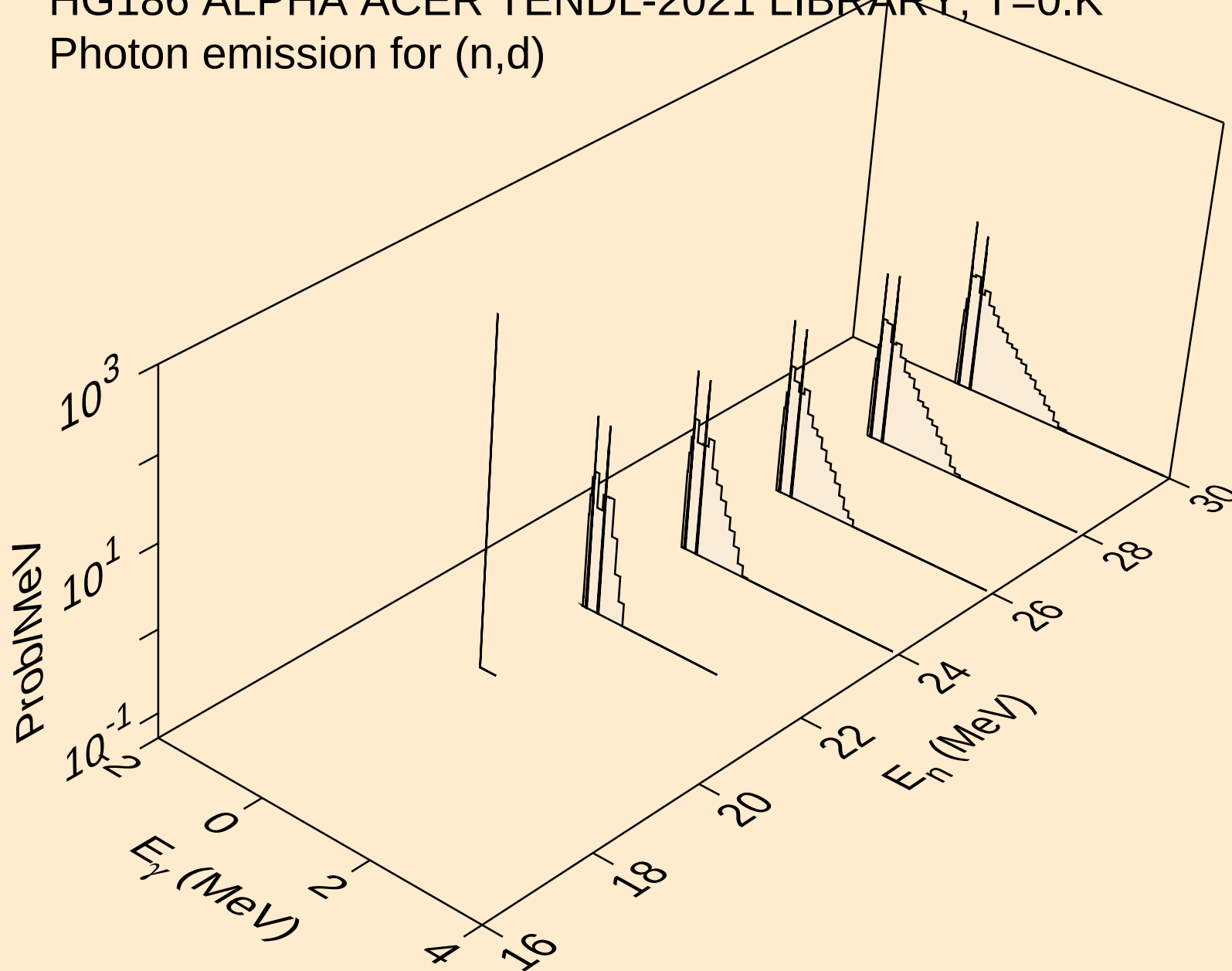
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



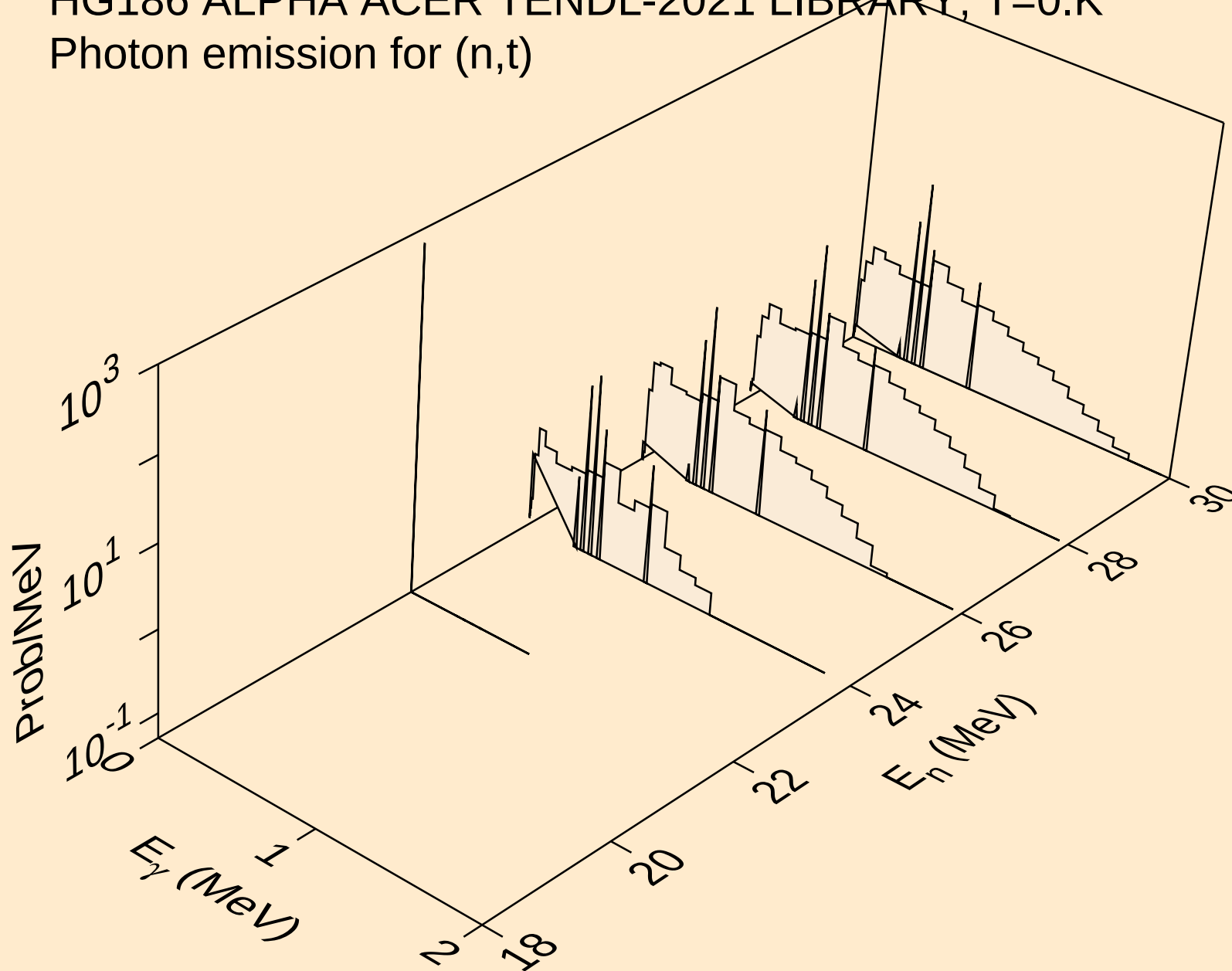
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



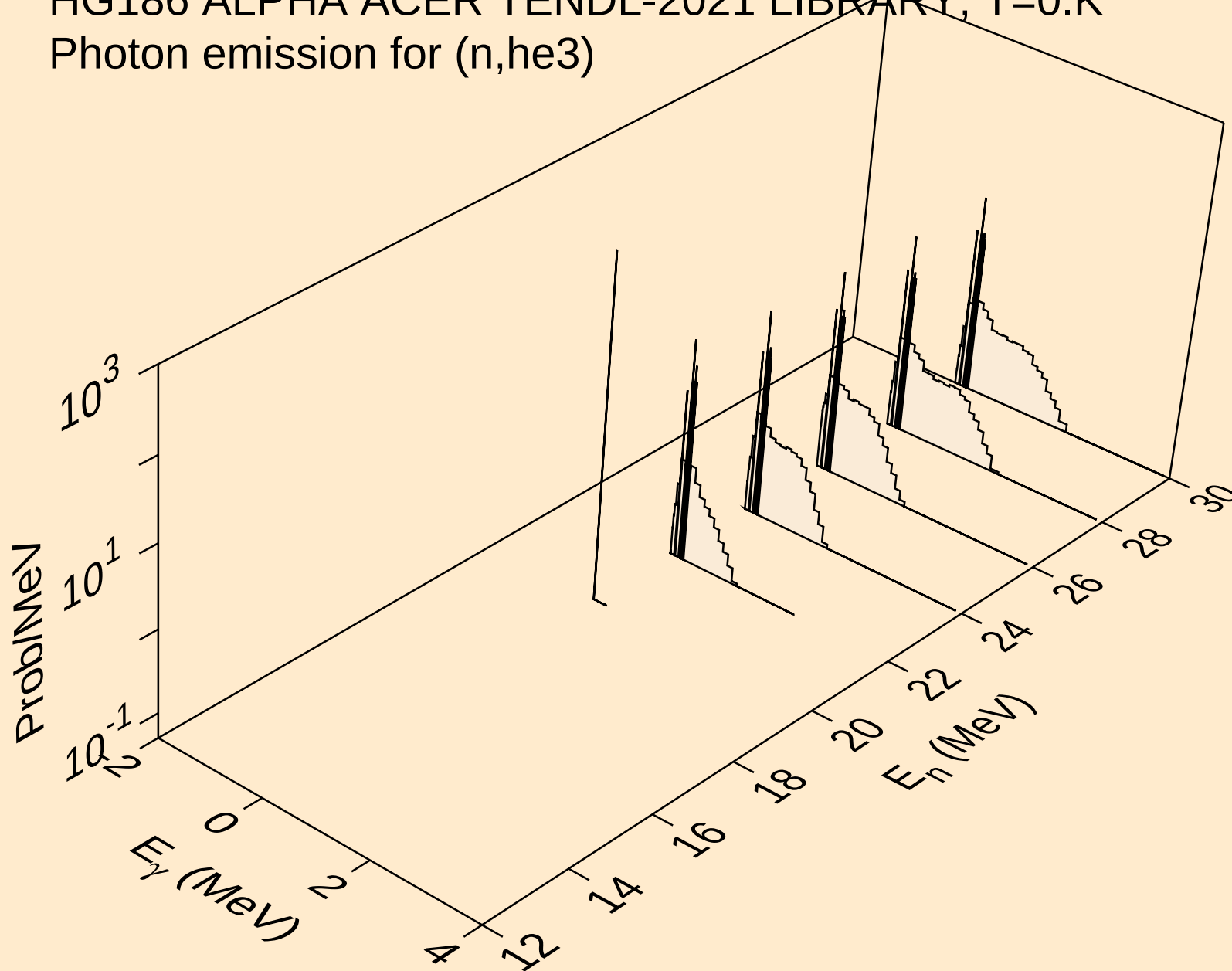
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



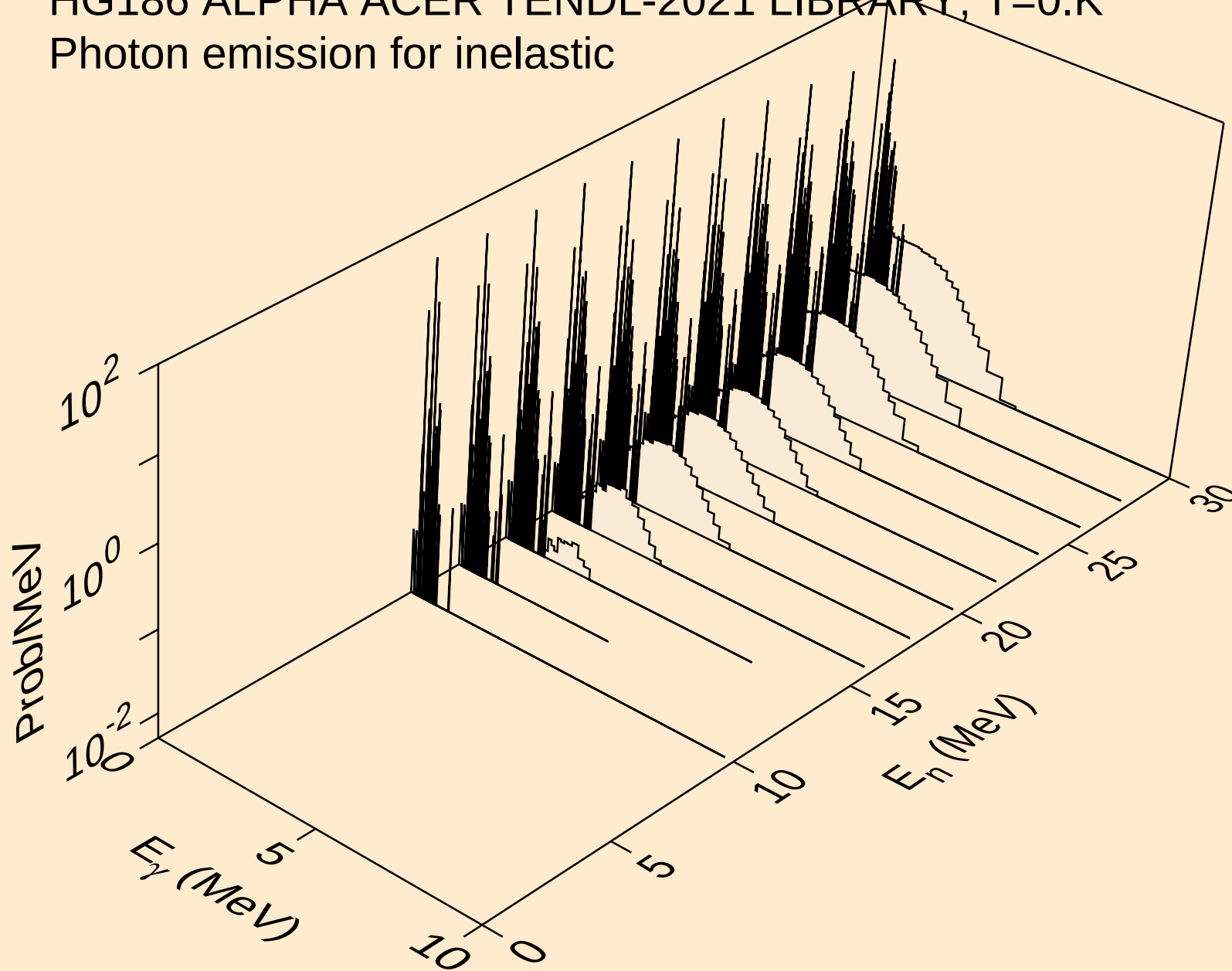
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



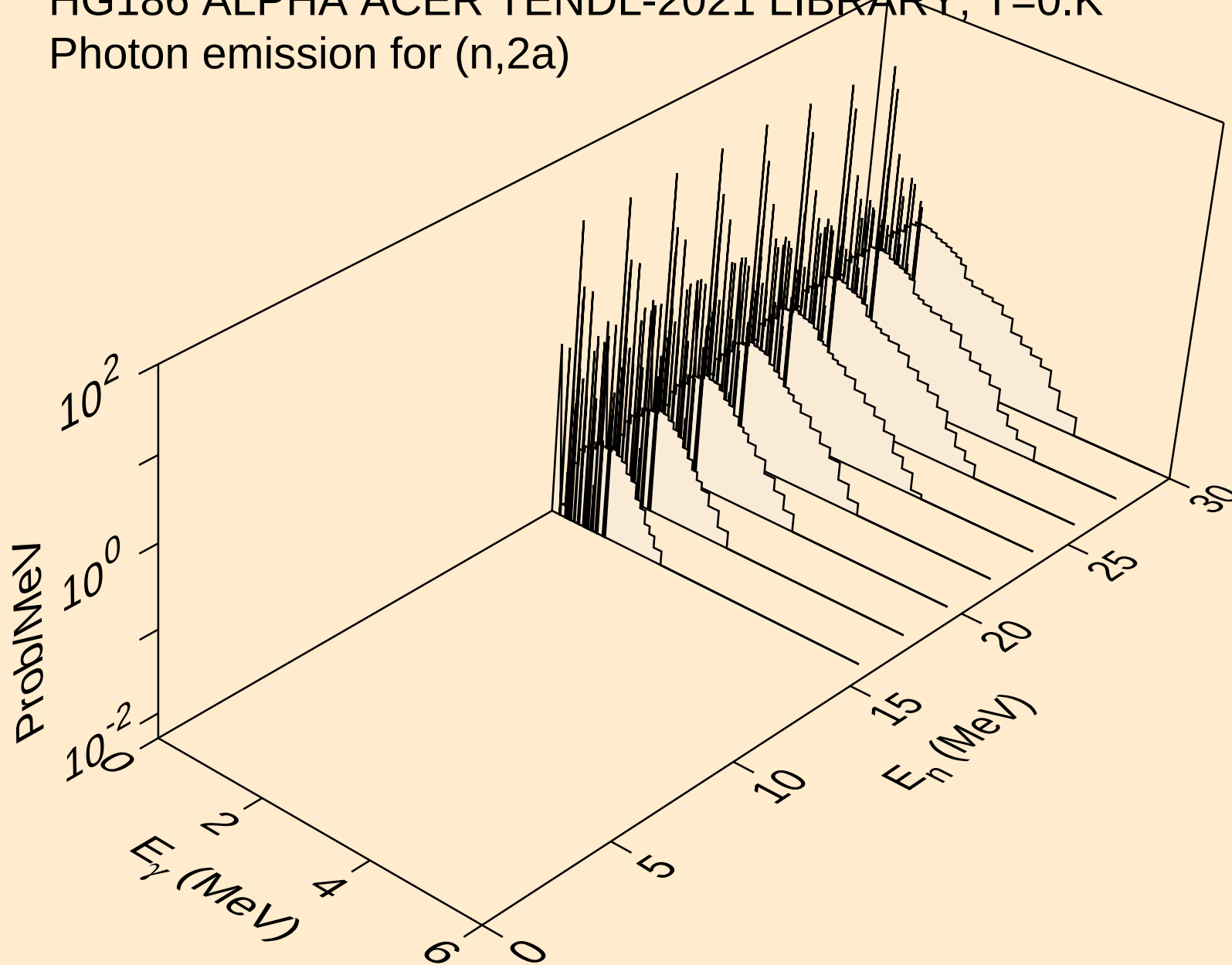
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

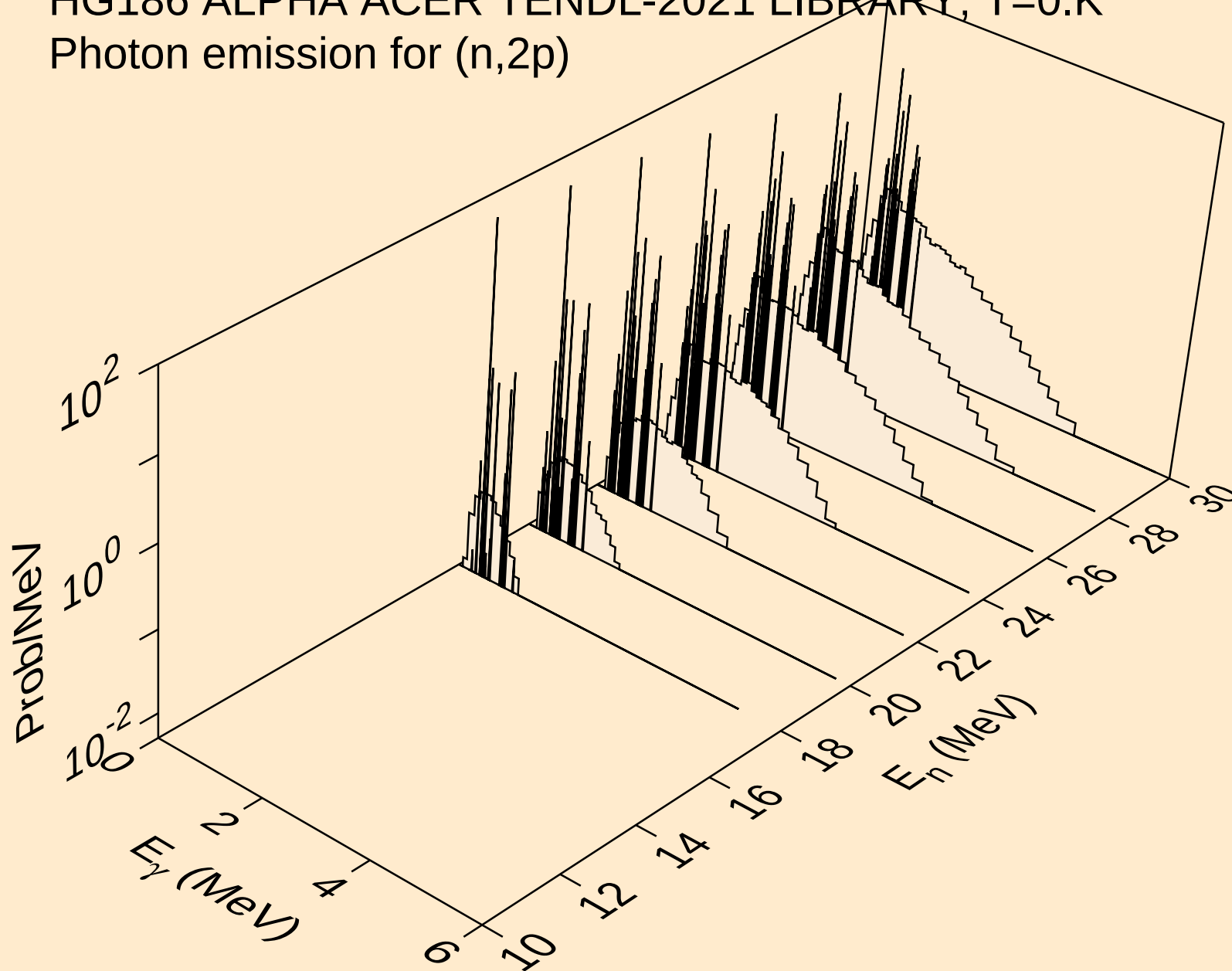


HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

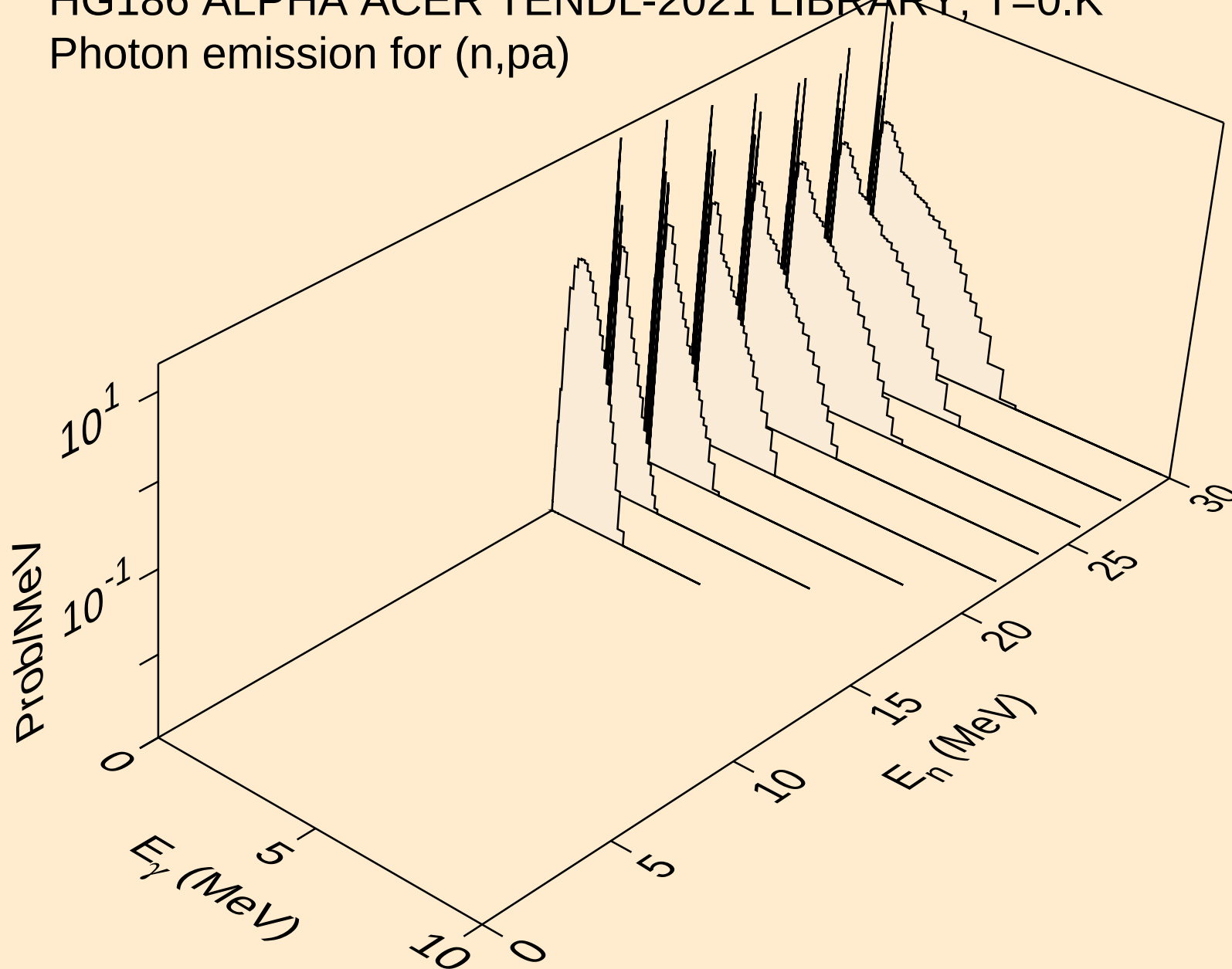




HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

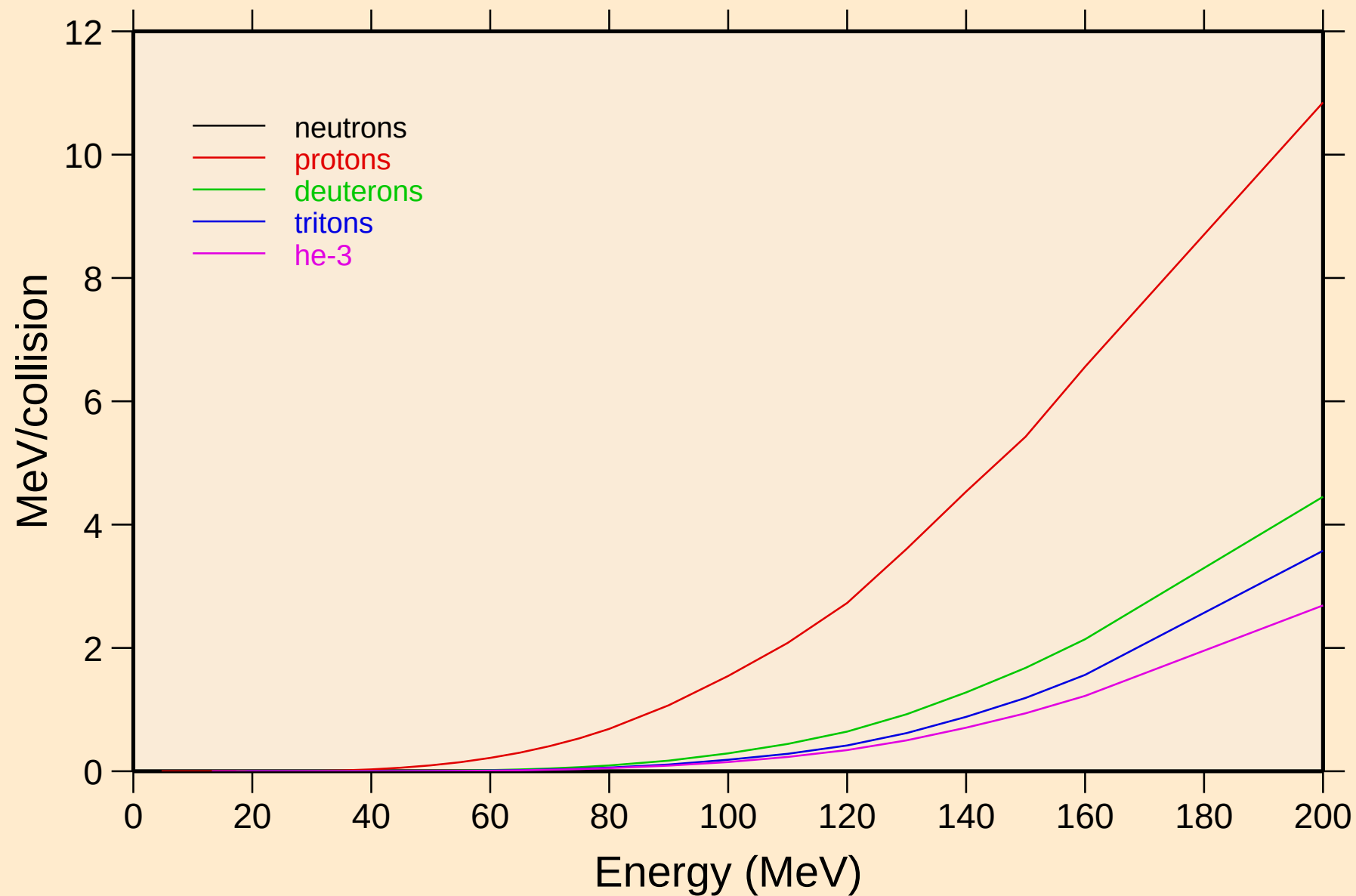


HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



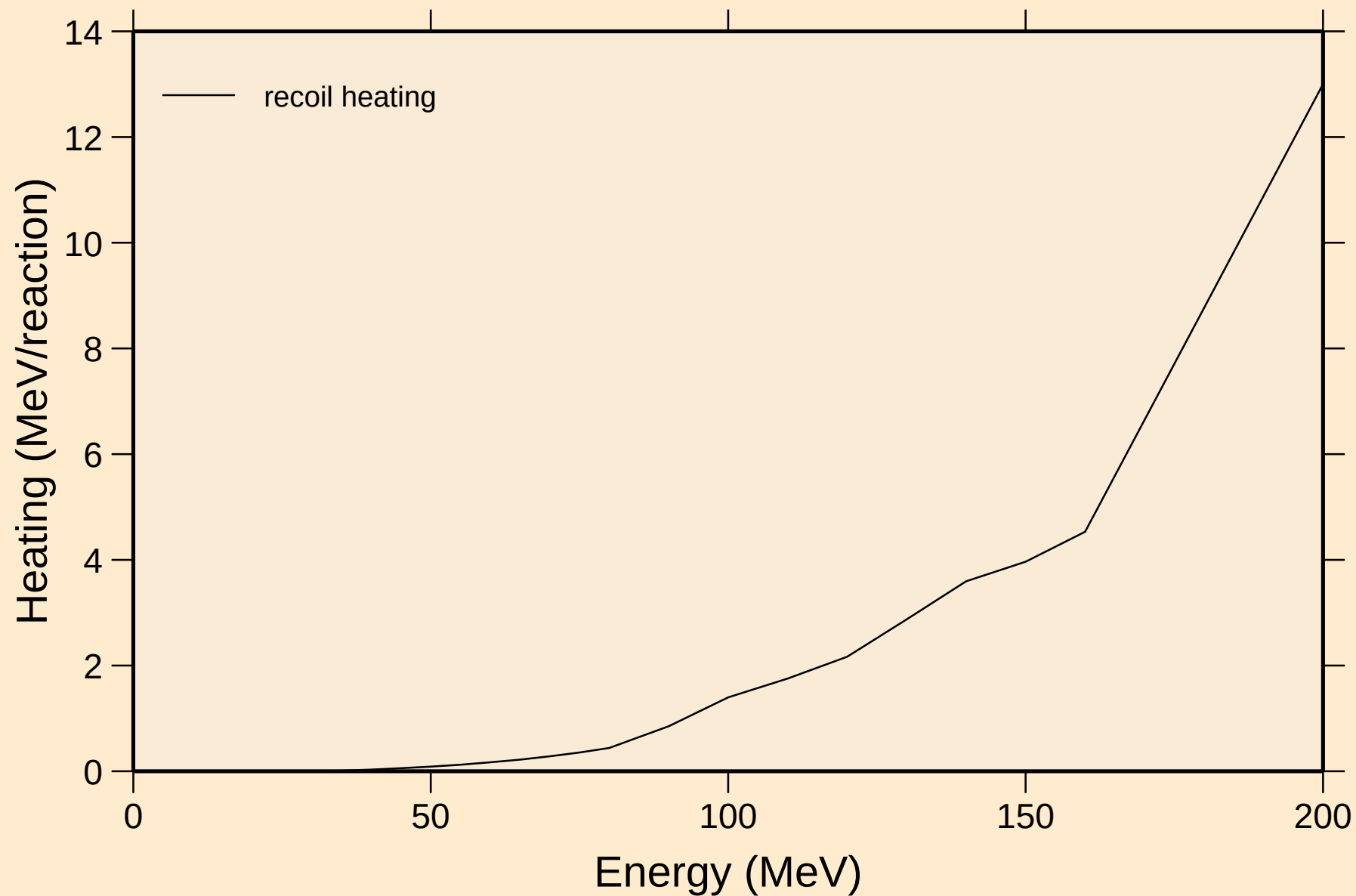
# HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



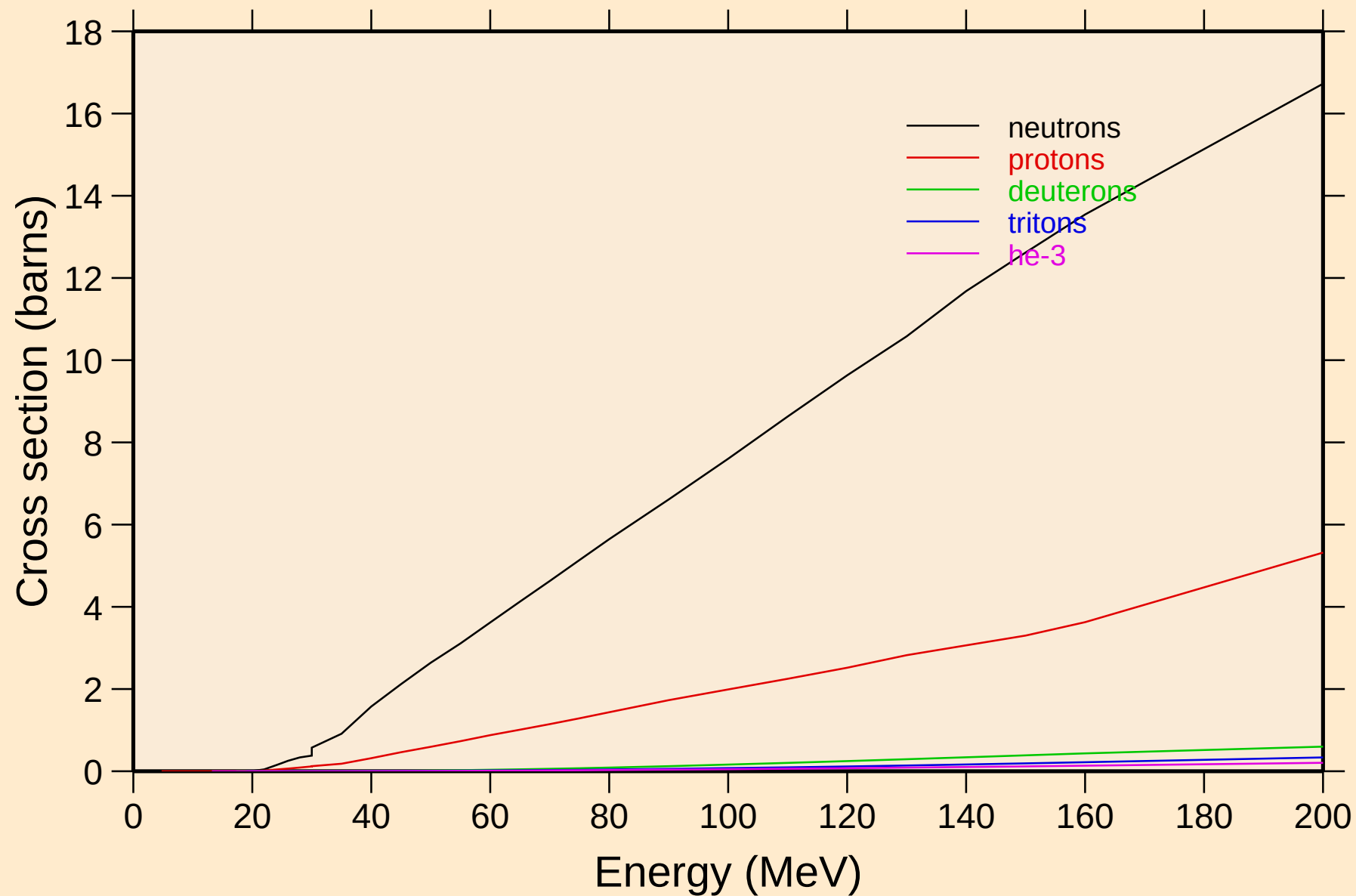
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

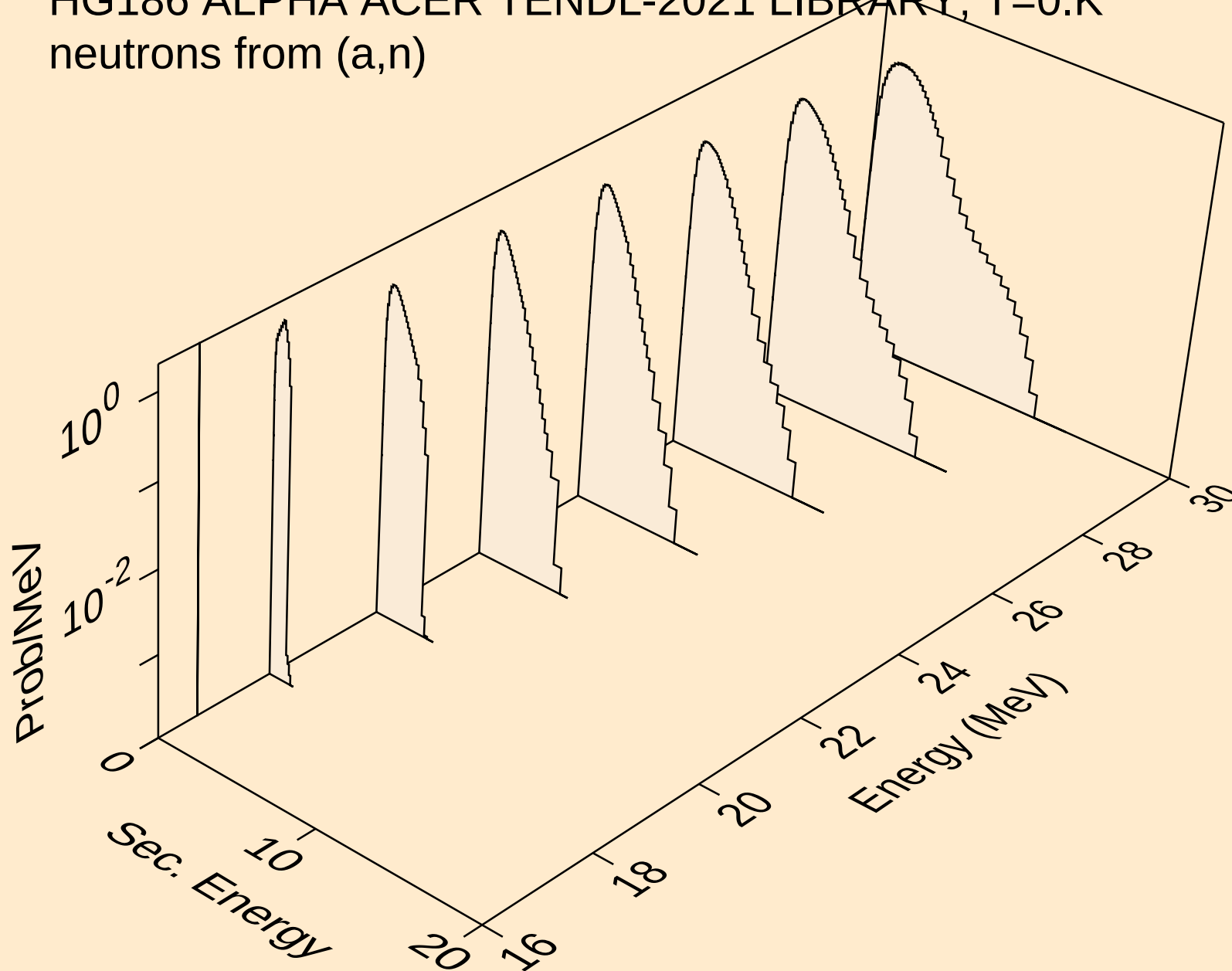


# HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

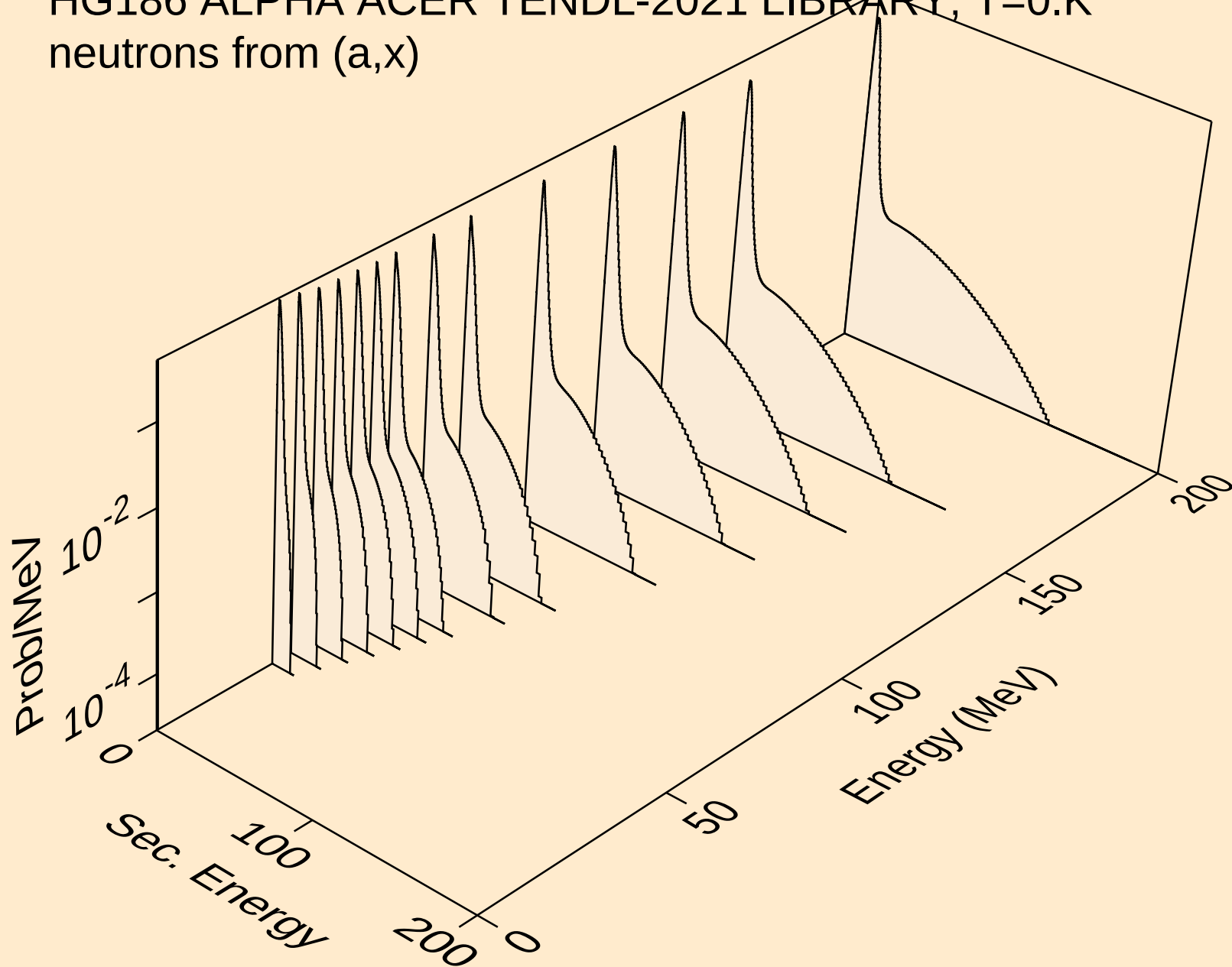
## Particle production cross sections



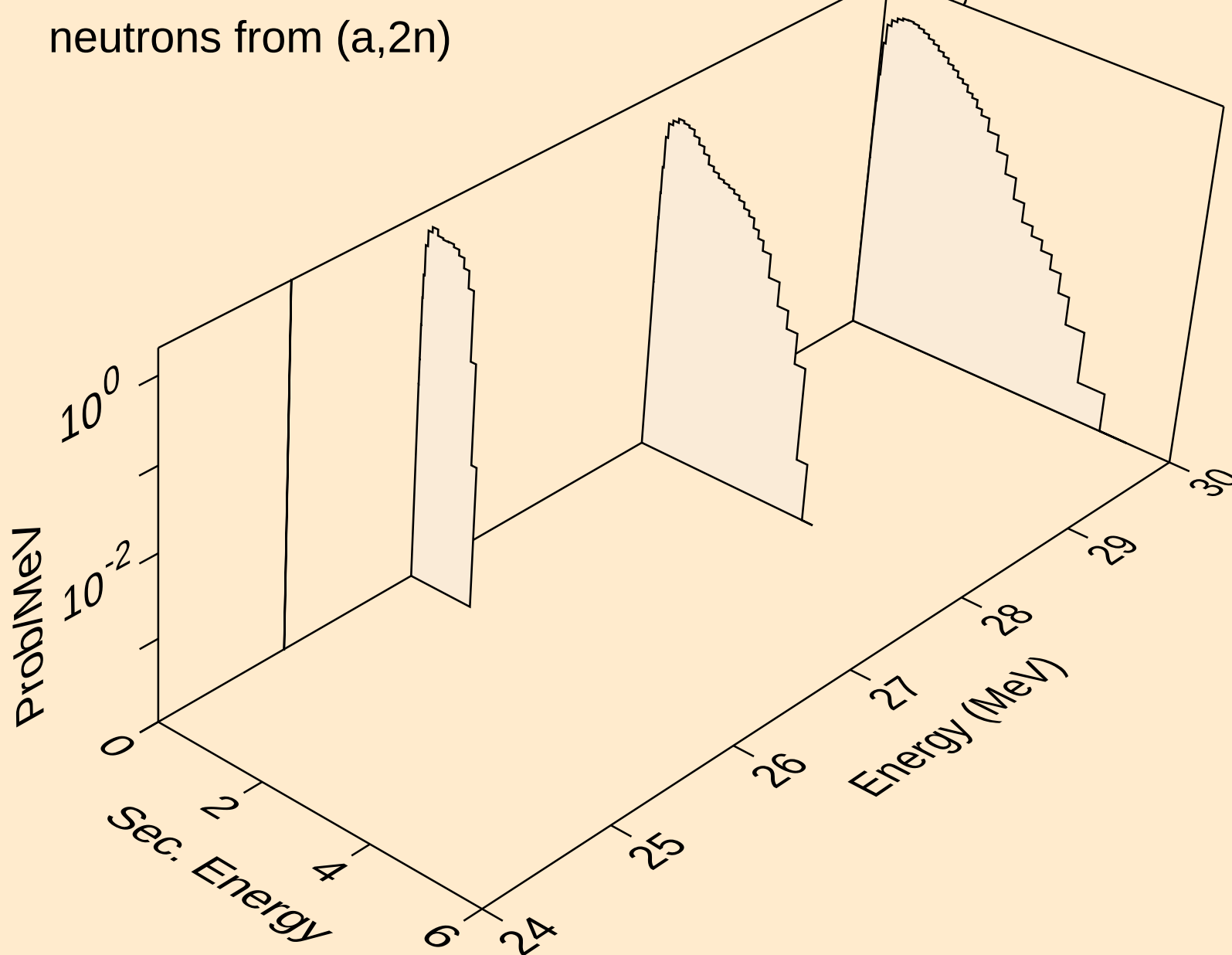
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

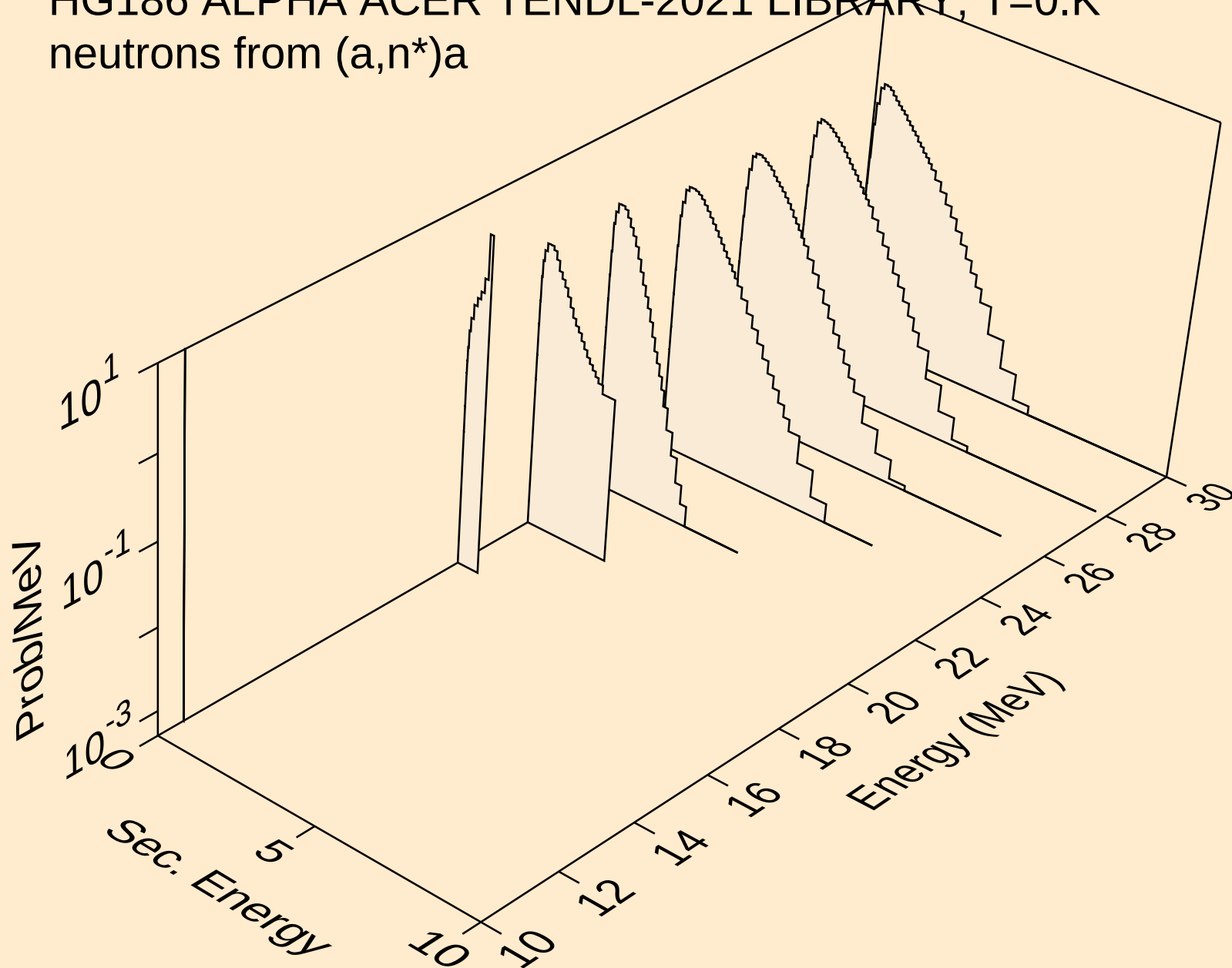


HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)

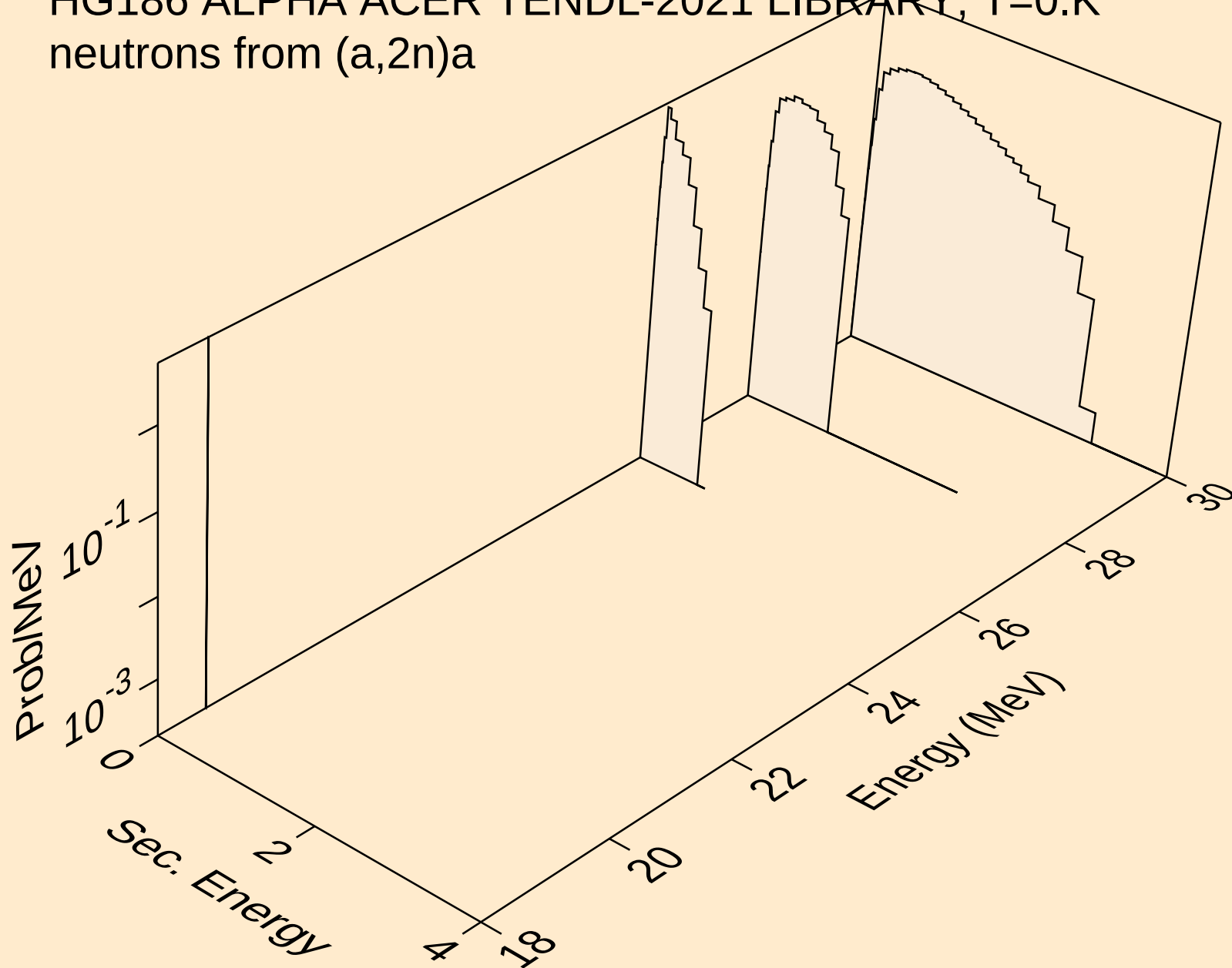




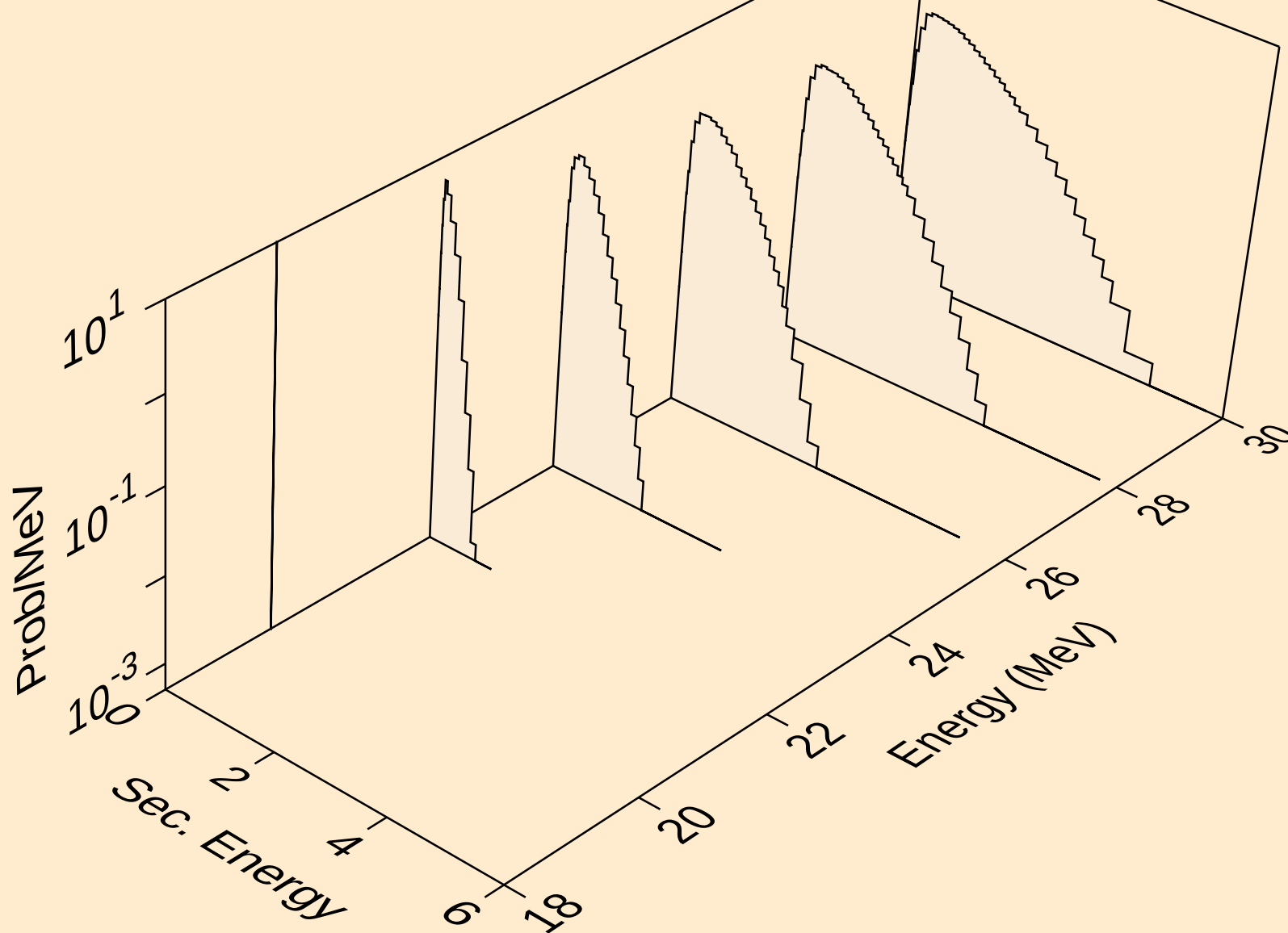
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



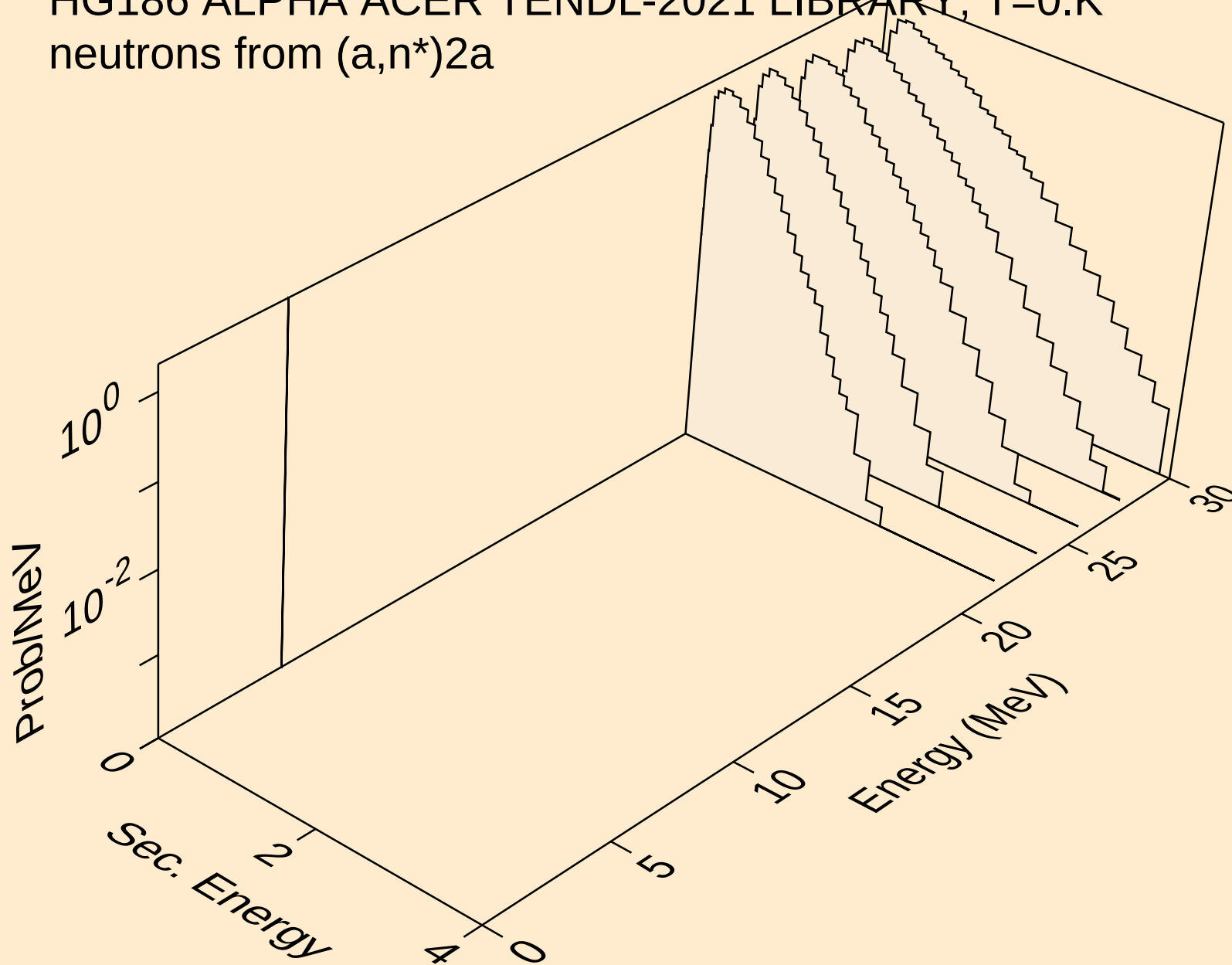
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



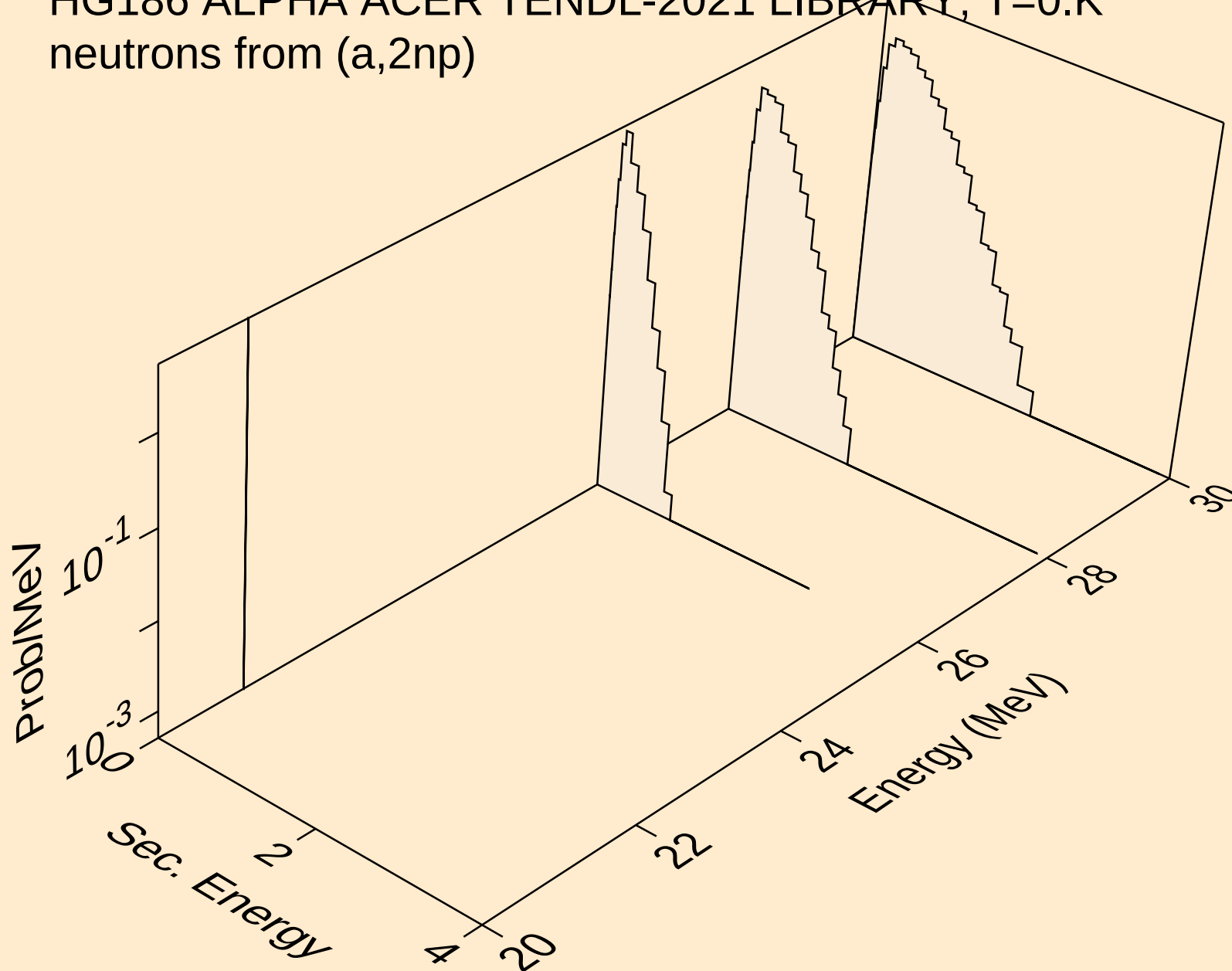
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



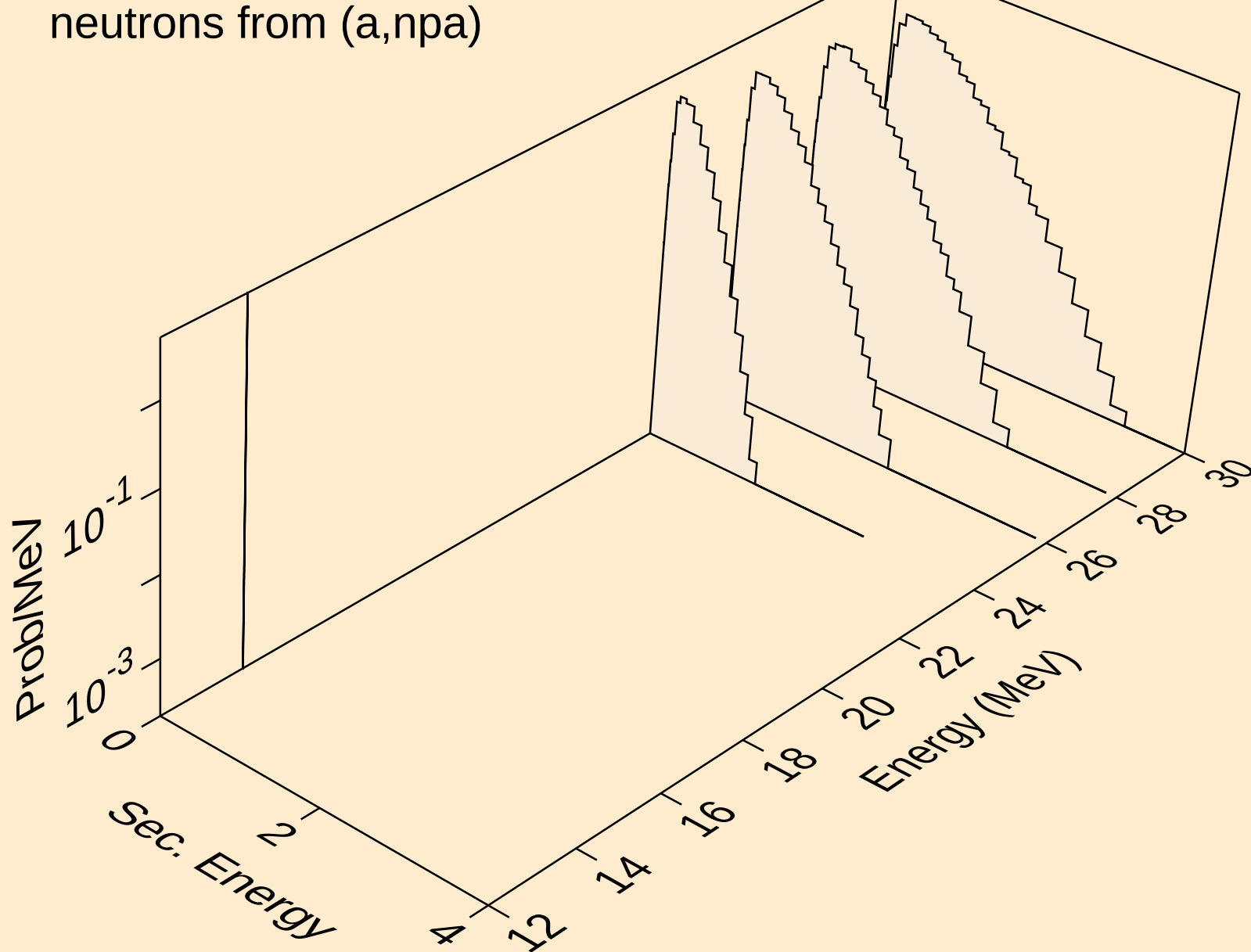
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



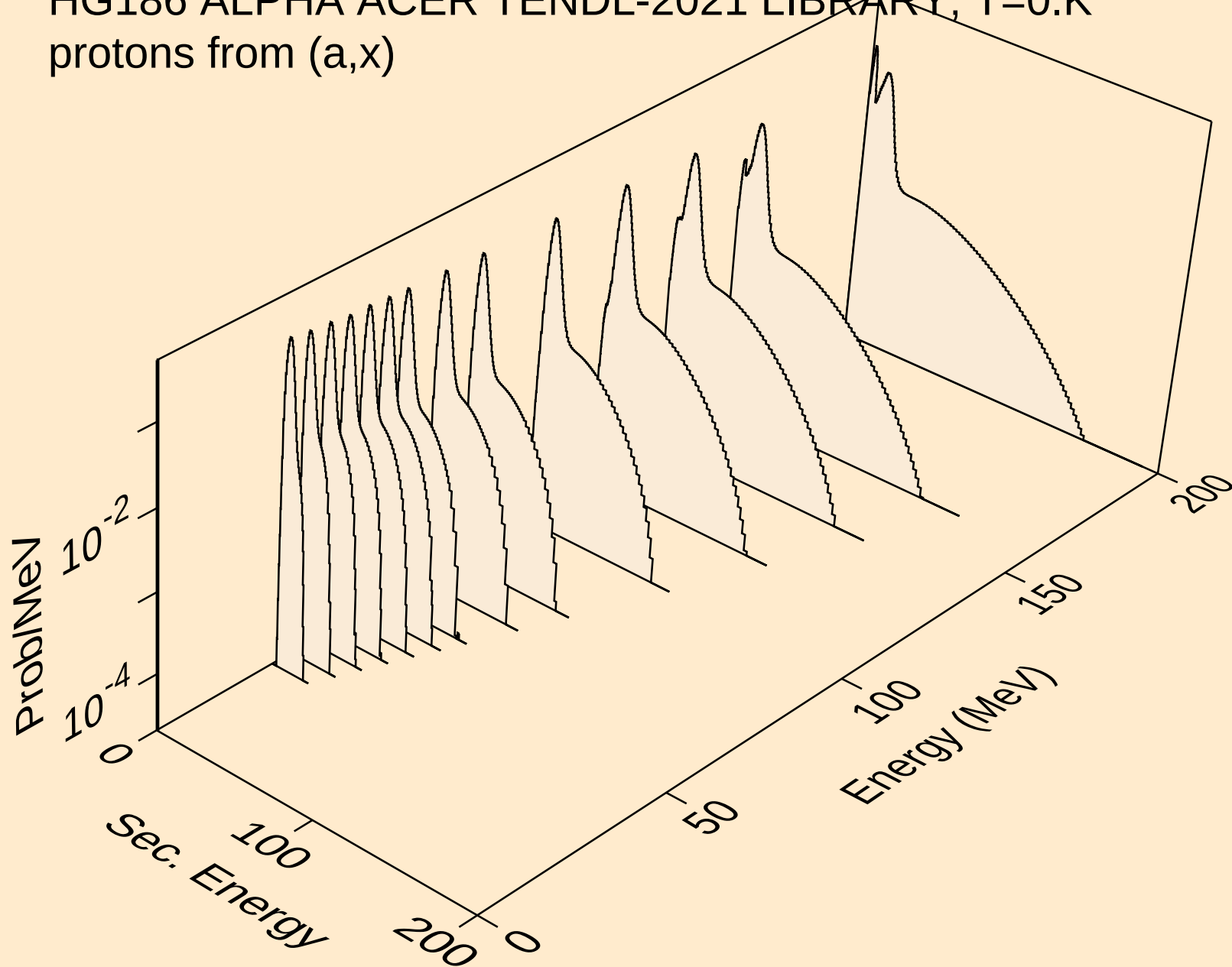
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



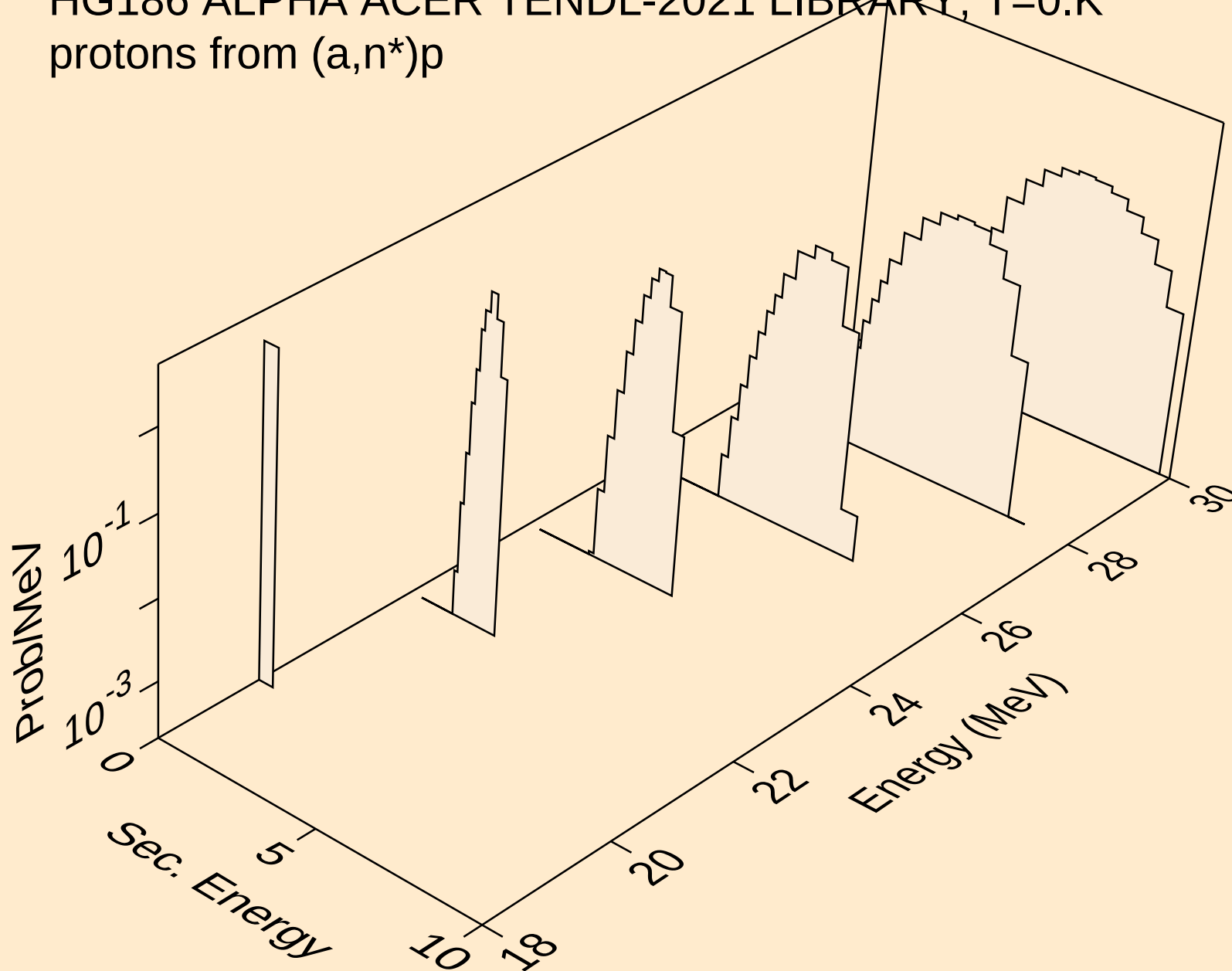
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)



HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)

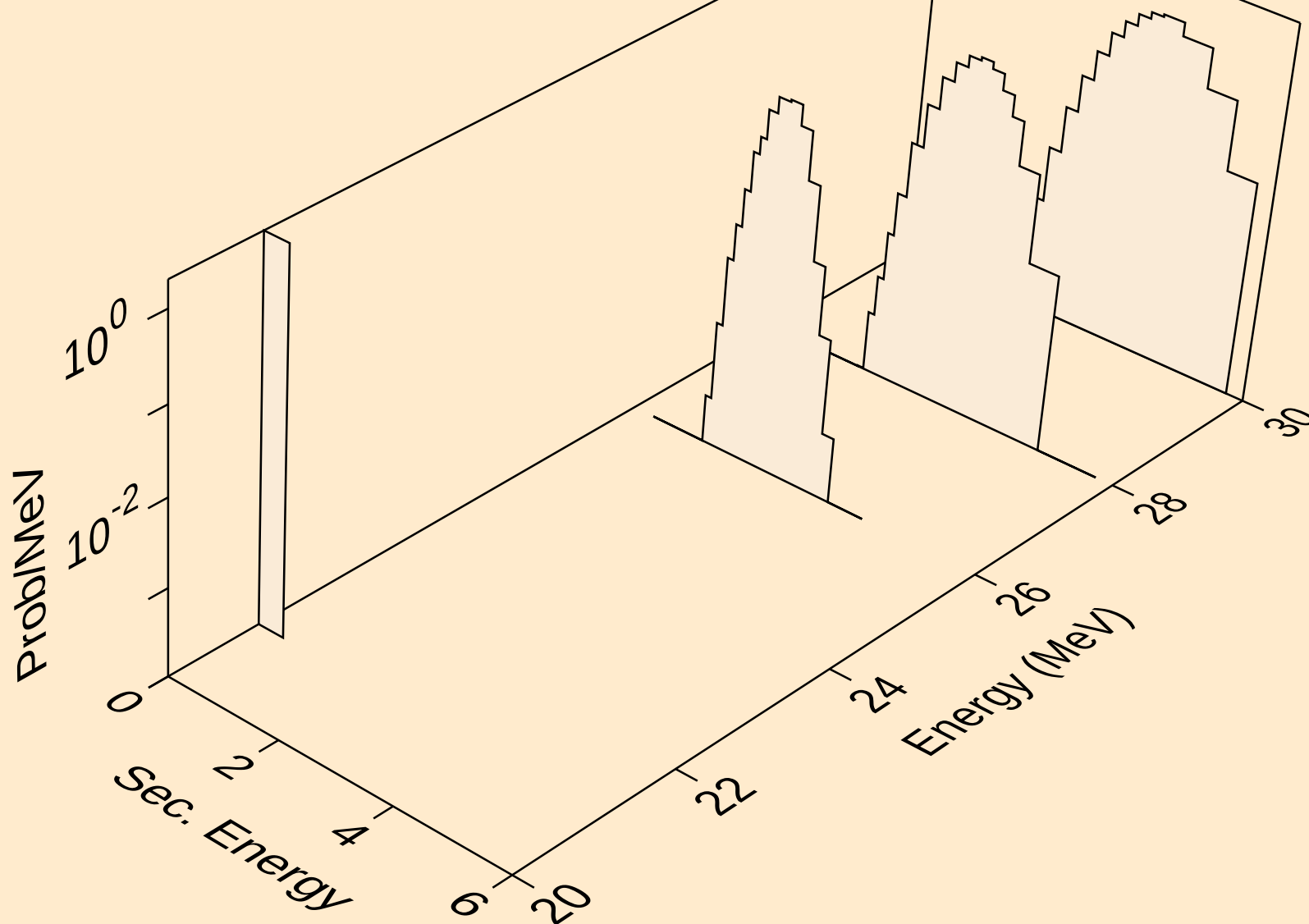


HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p

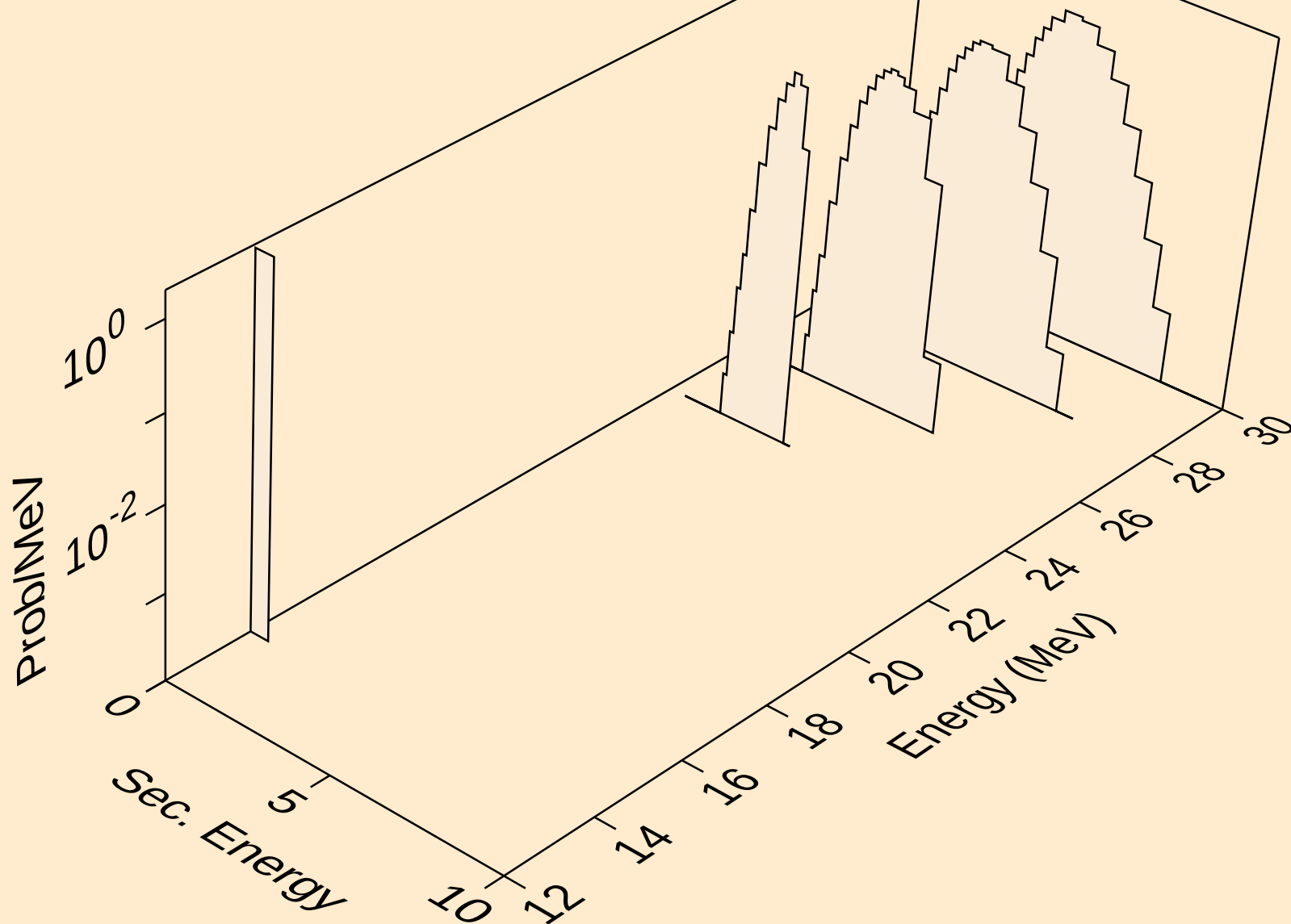




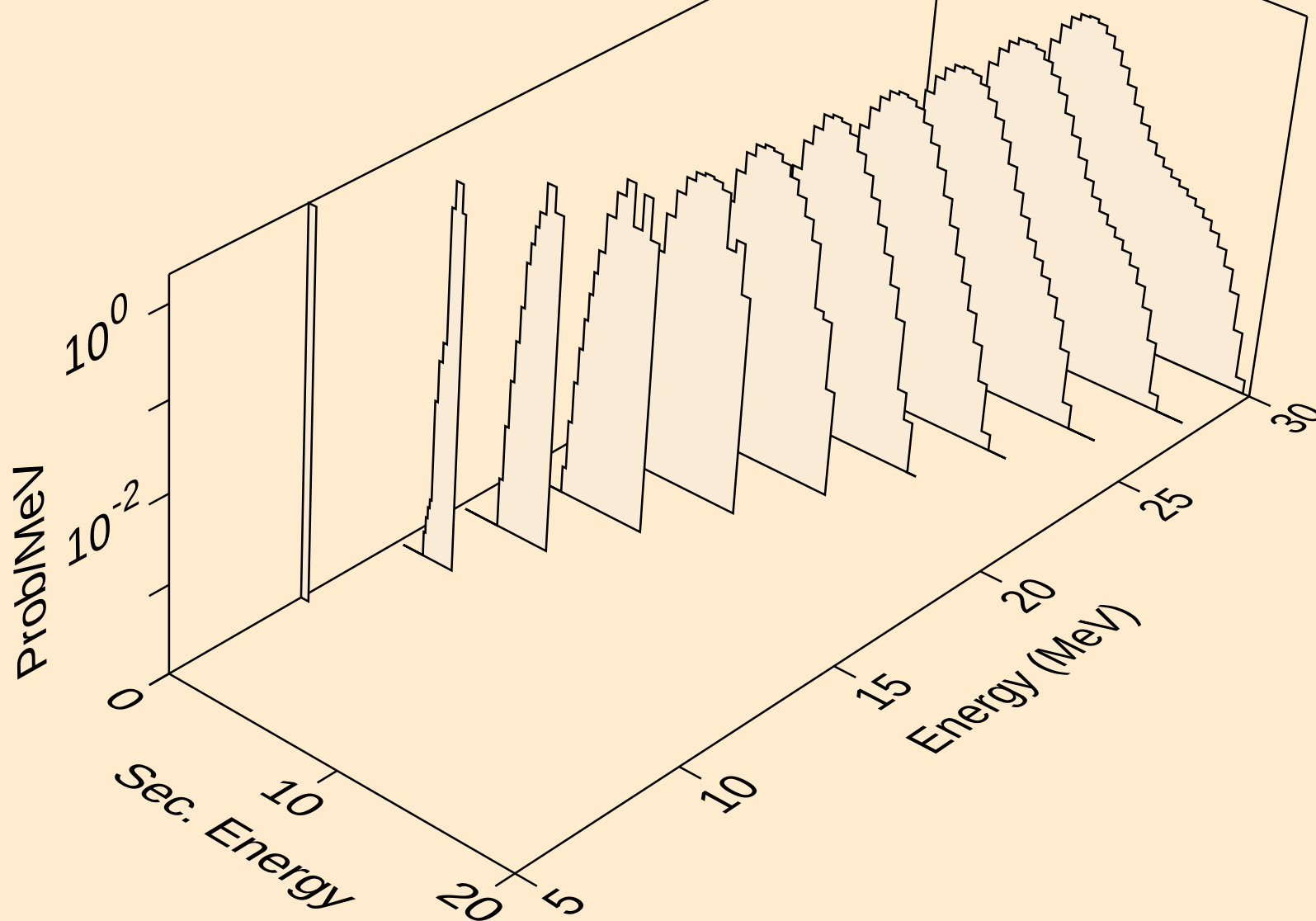
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



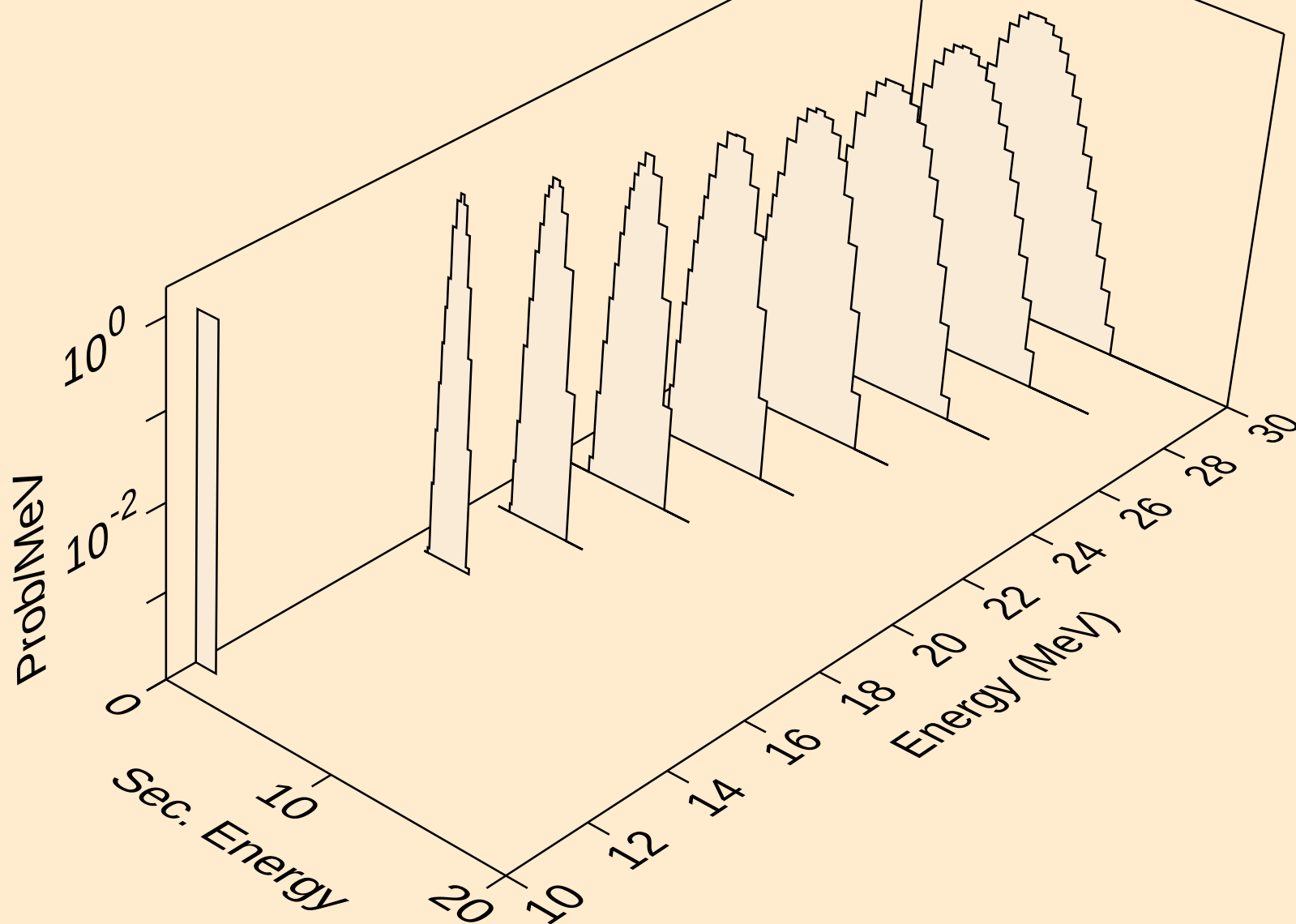
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)



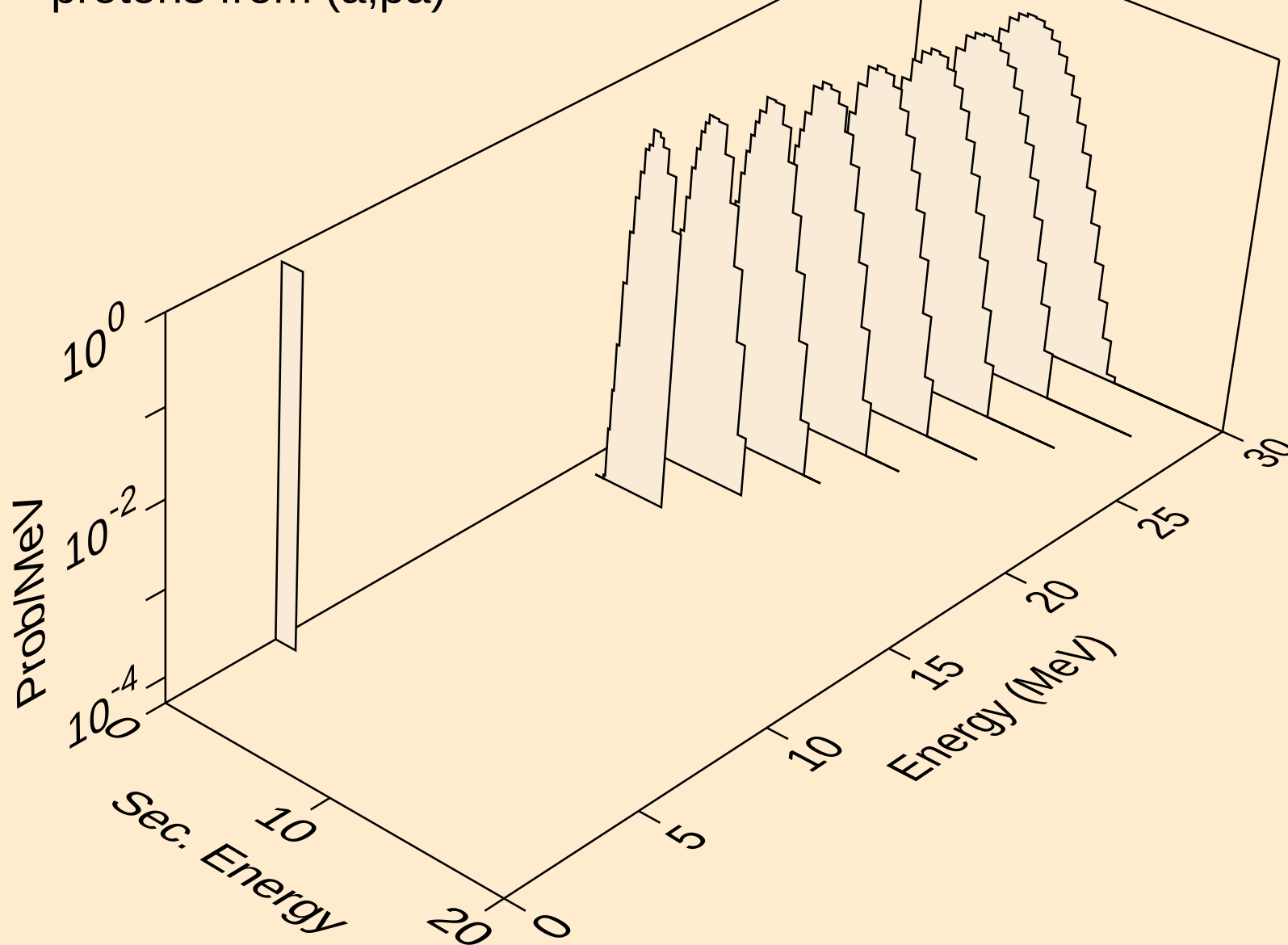
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



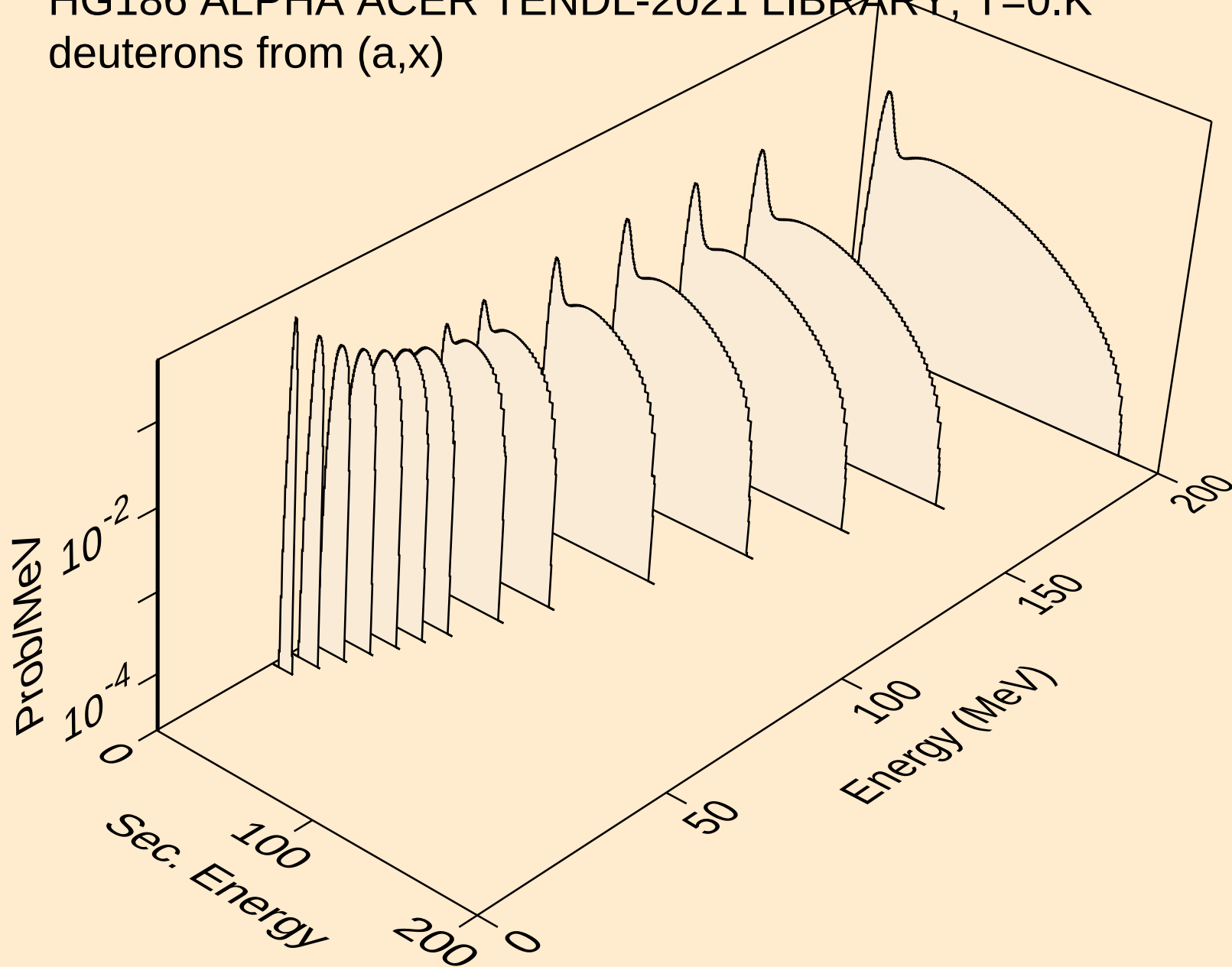
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



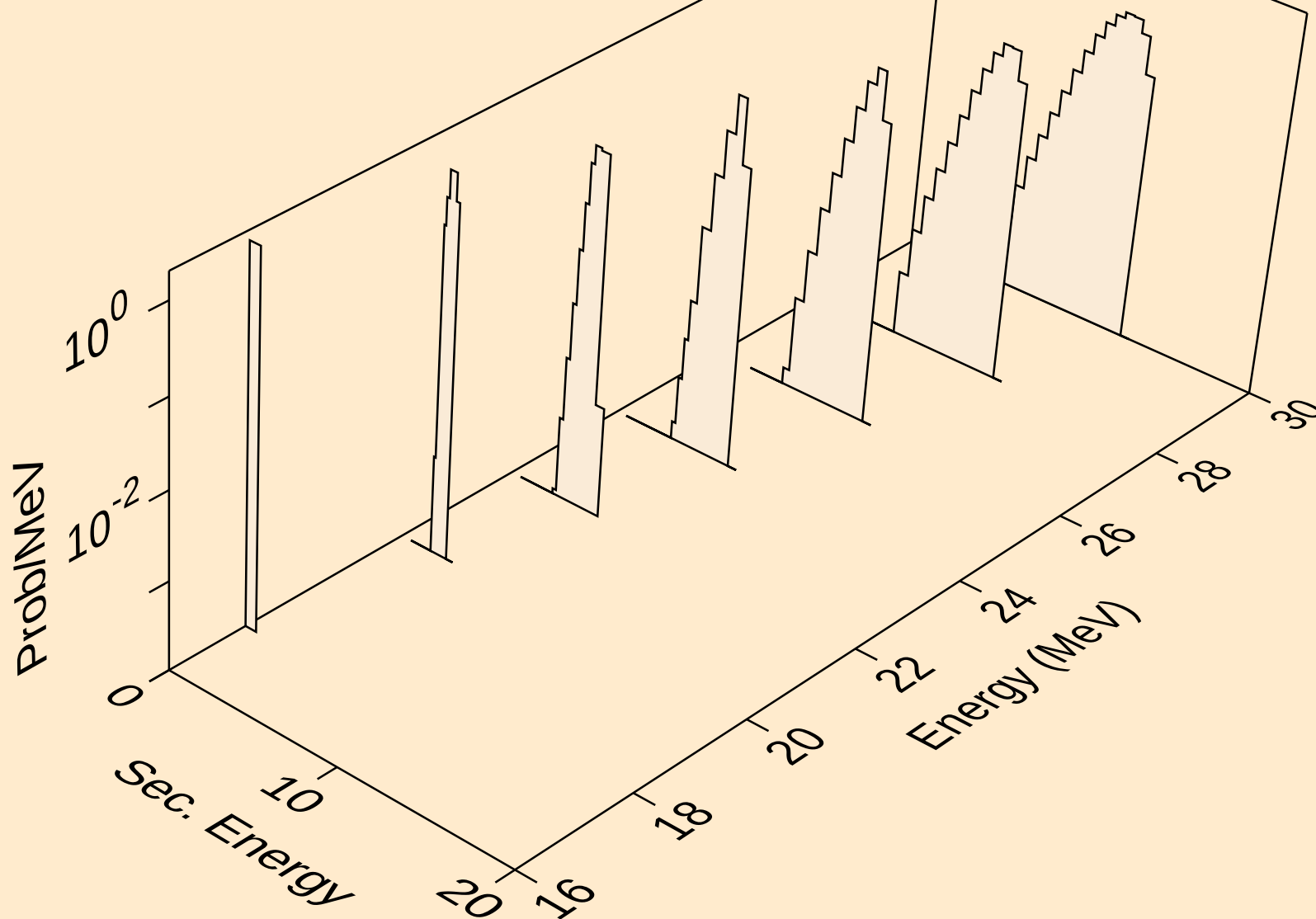
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



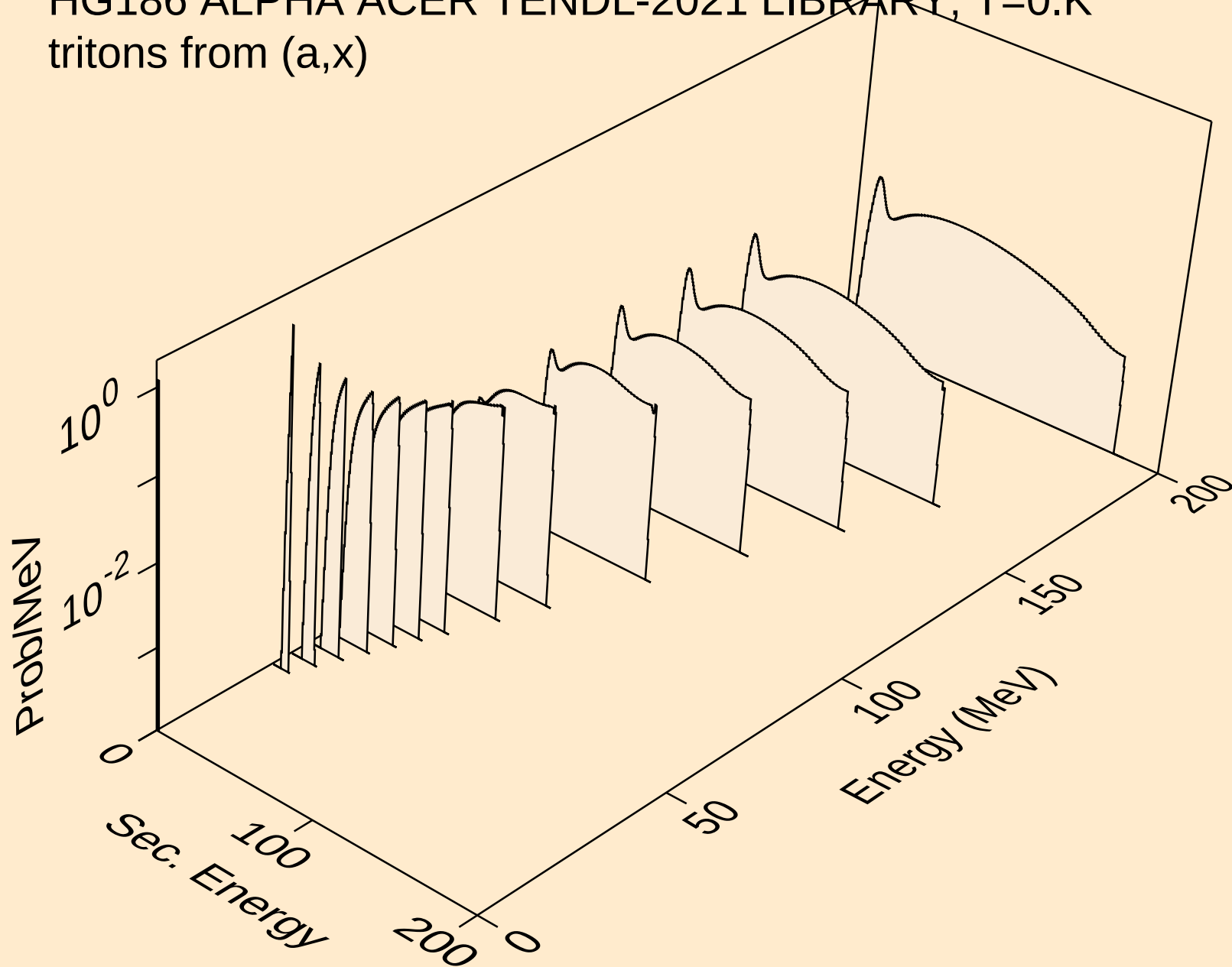
HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)

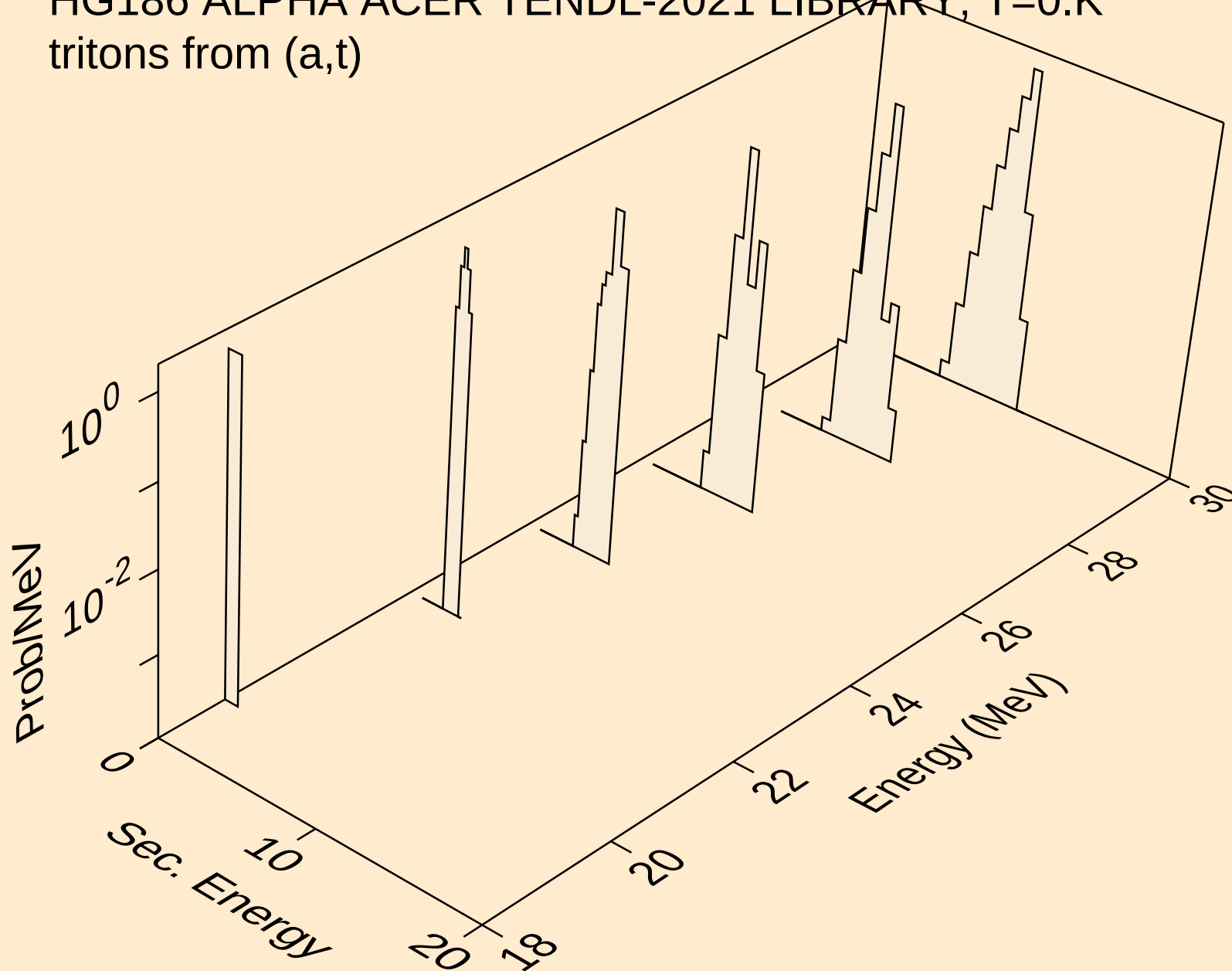


HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)

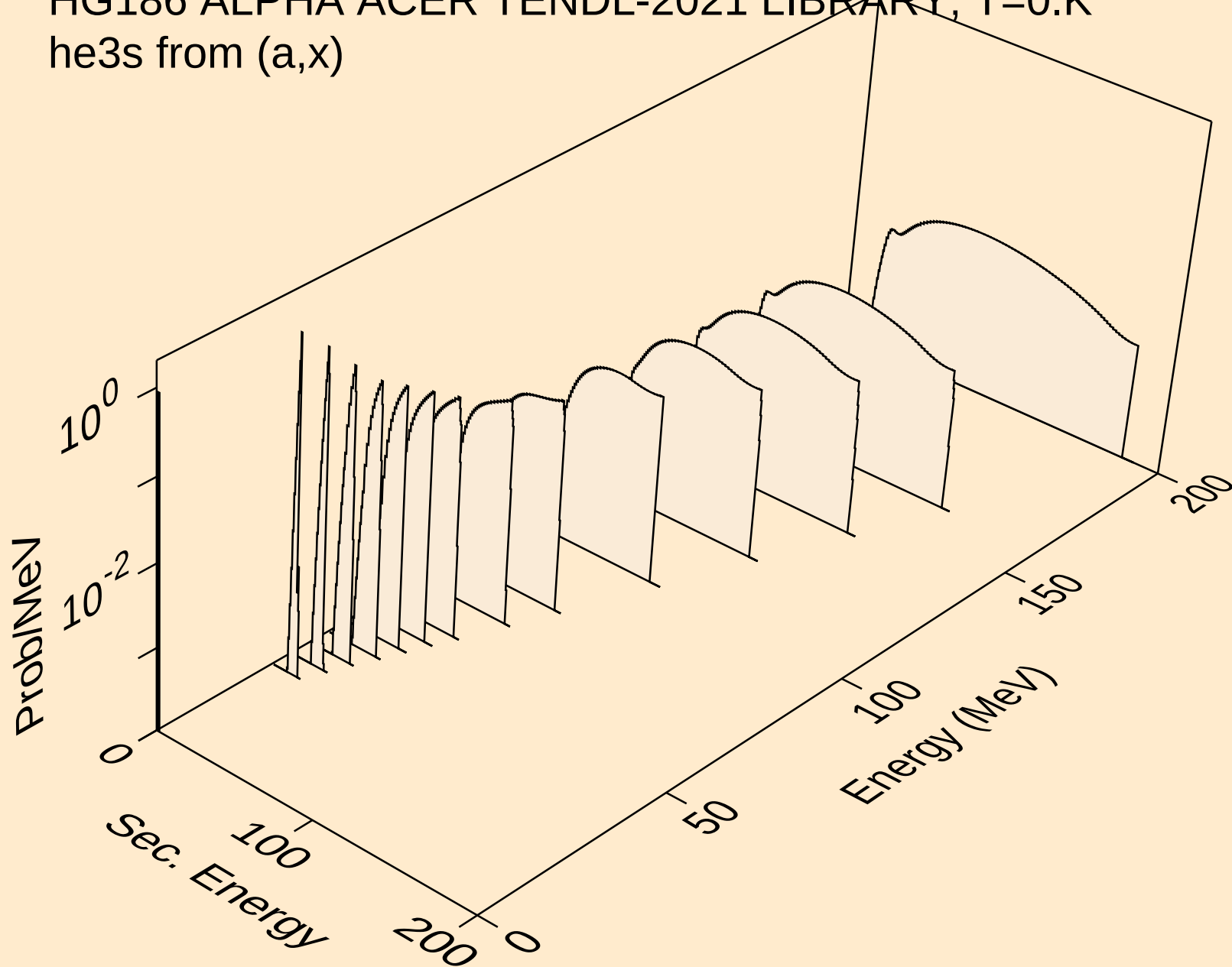




HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



HG186 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

