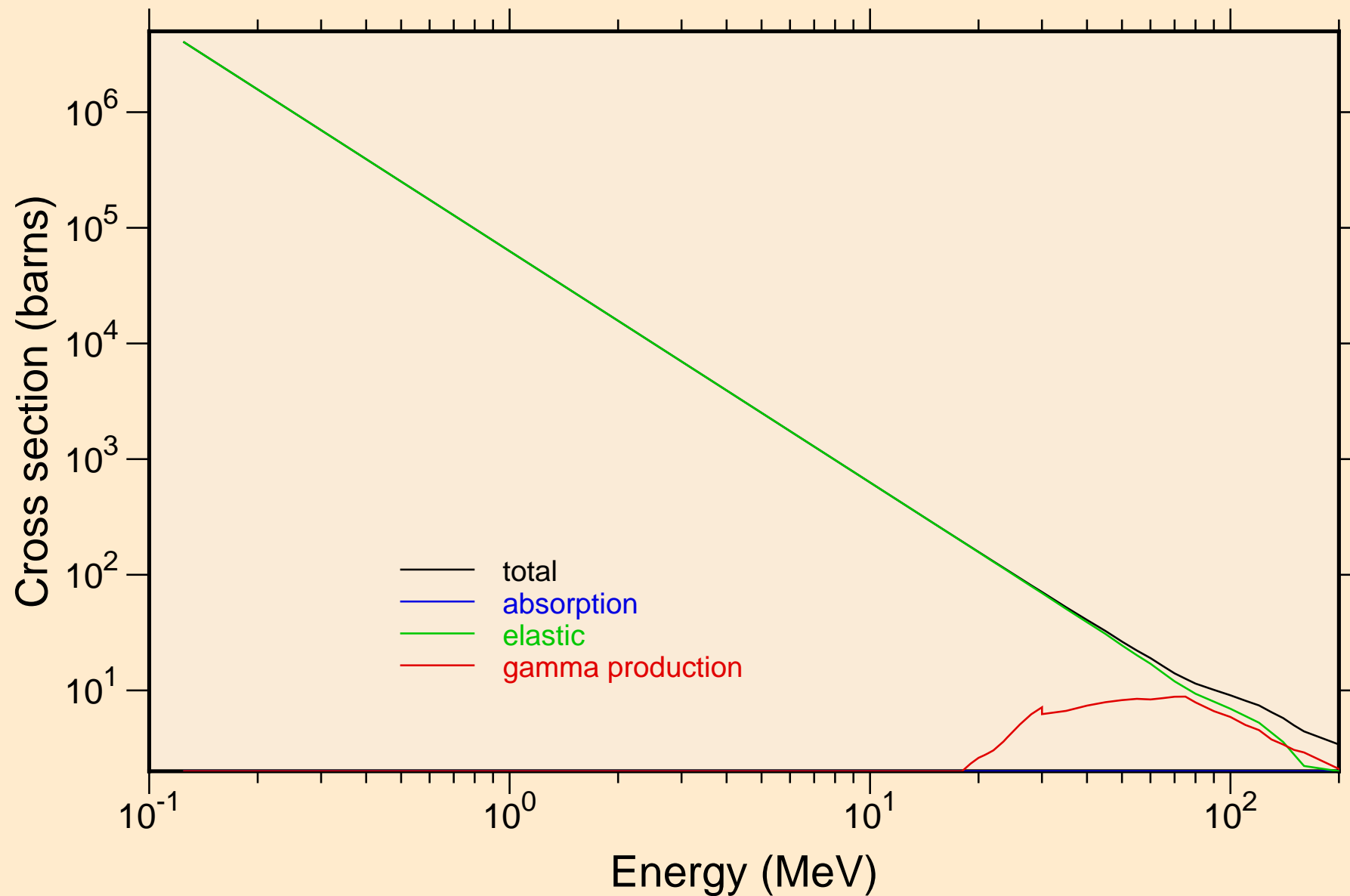


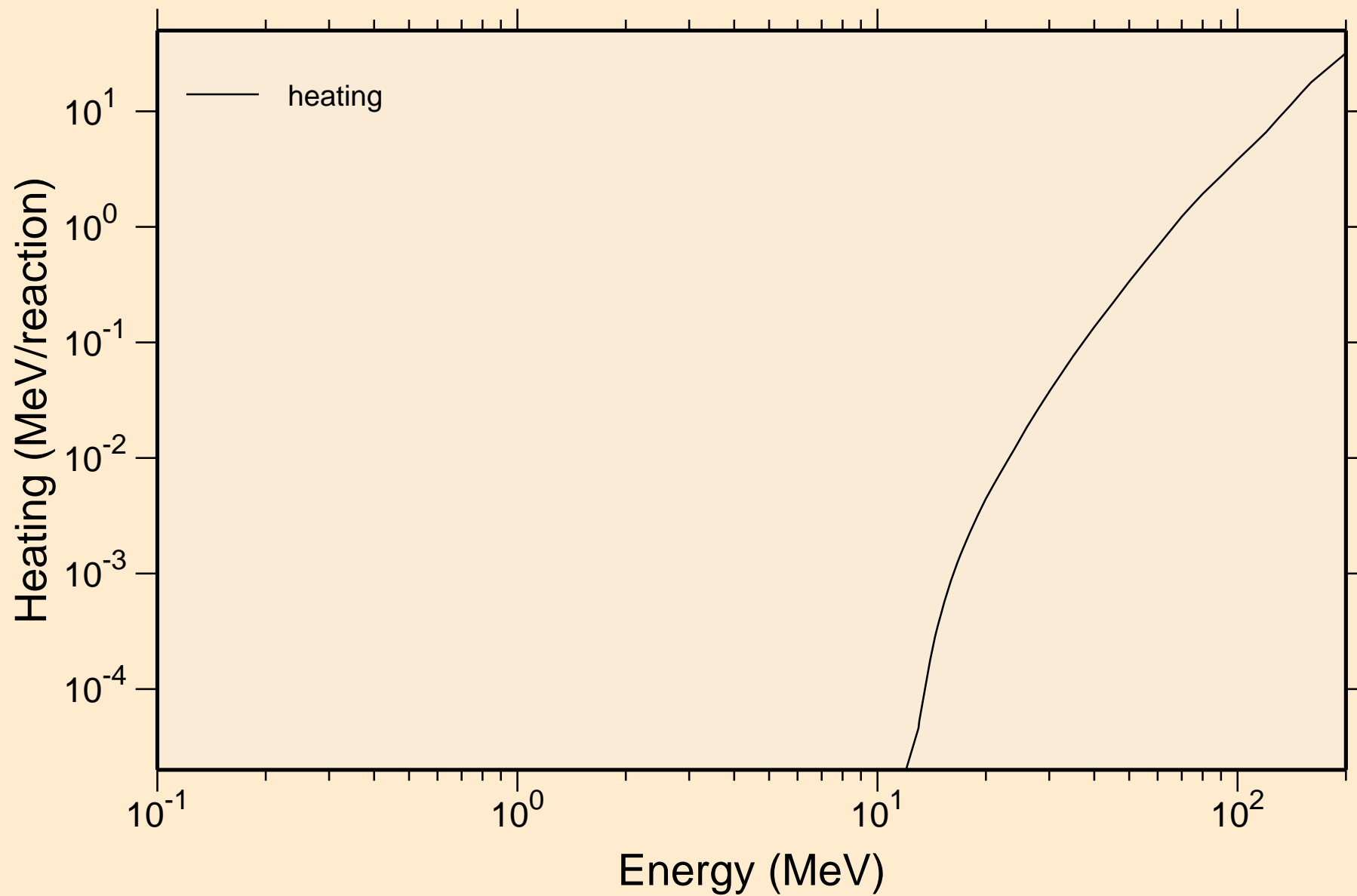
# IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



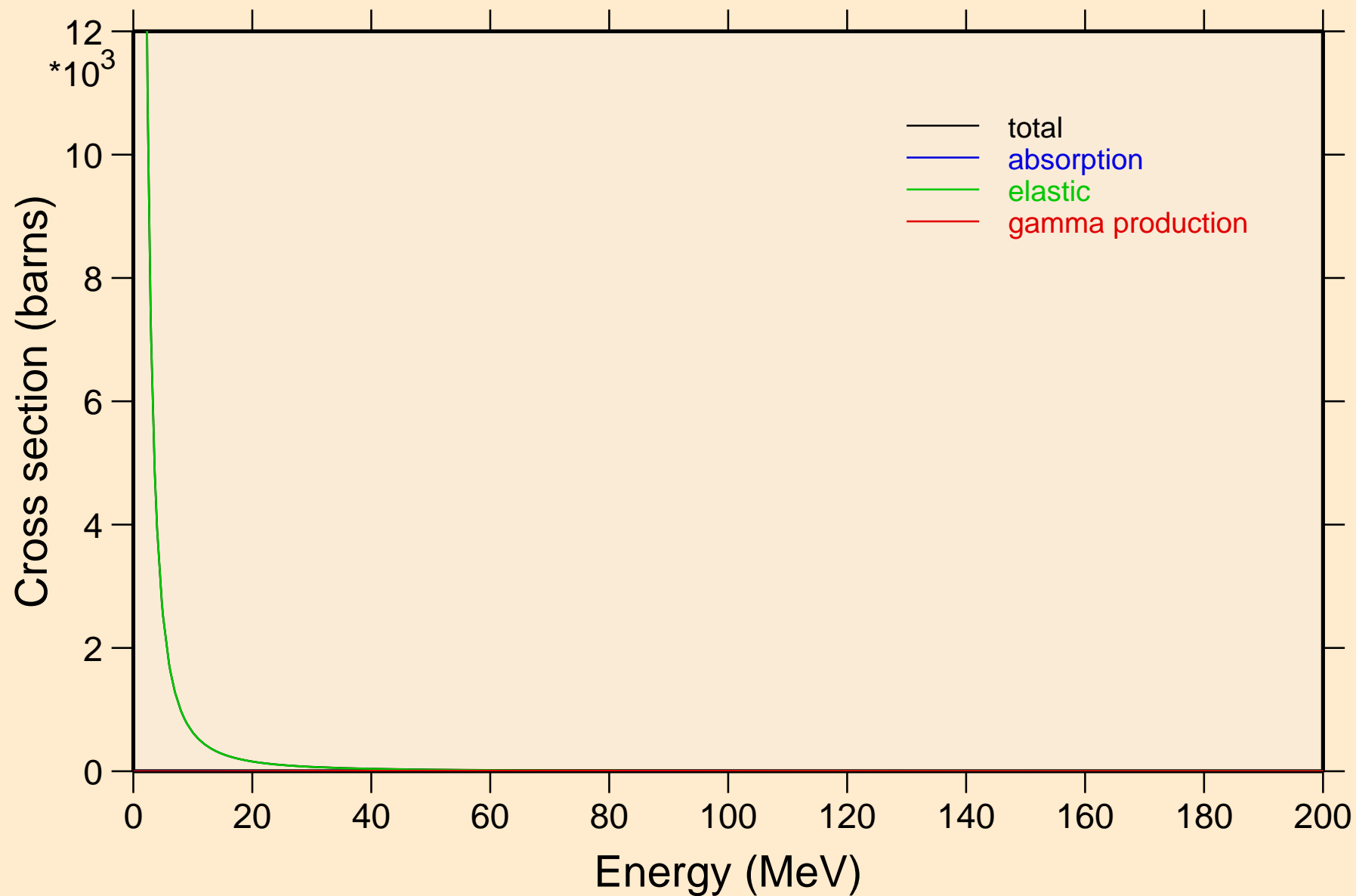
# IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



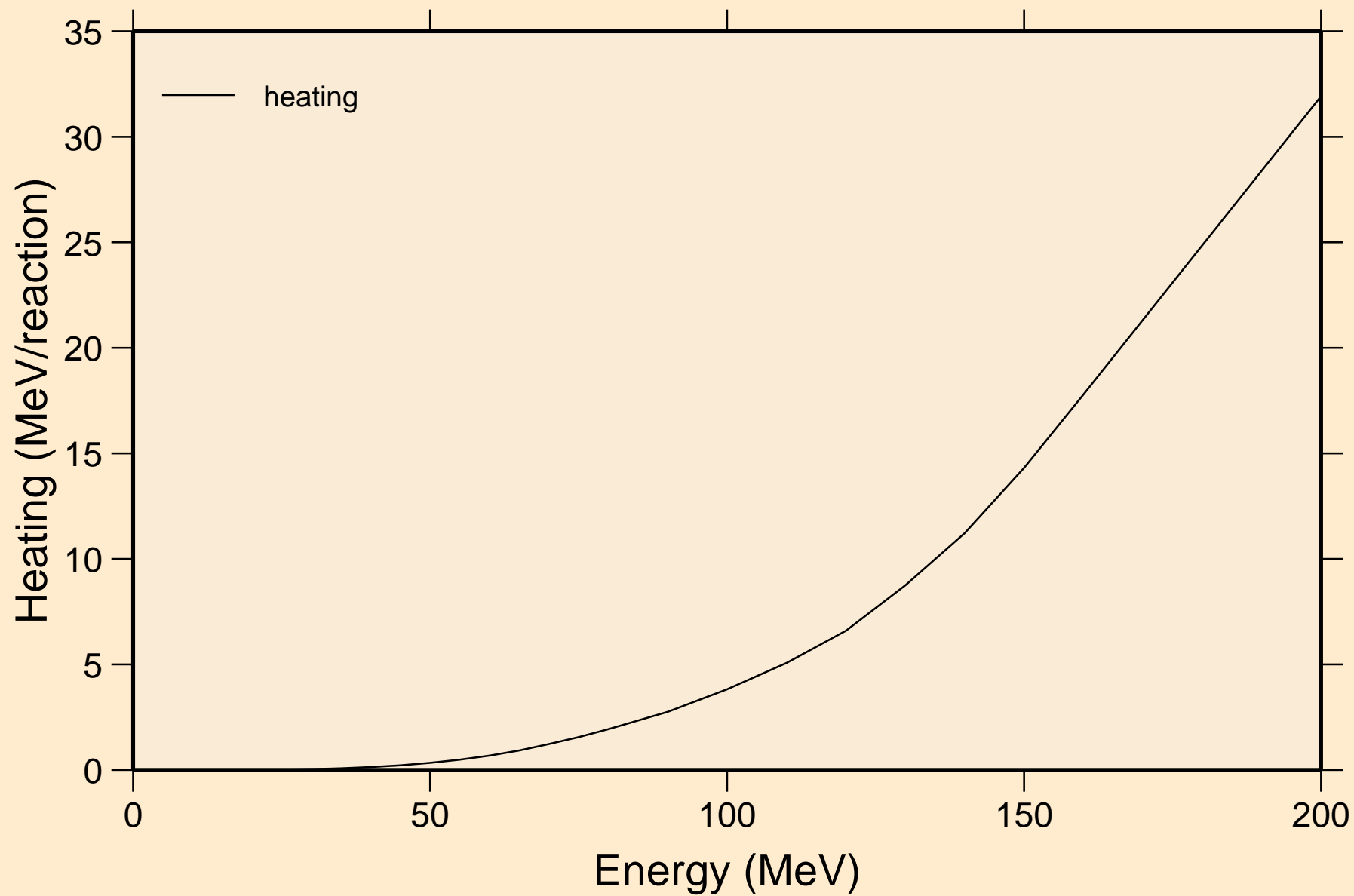
# IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



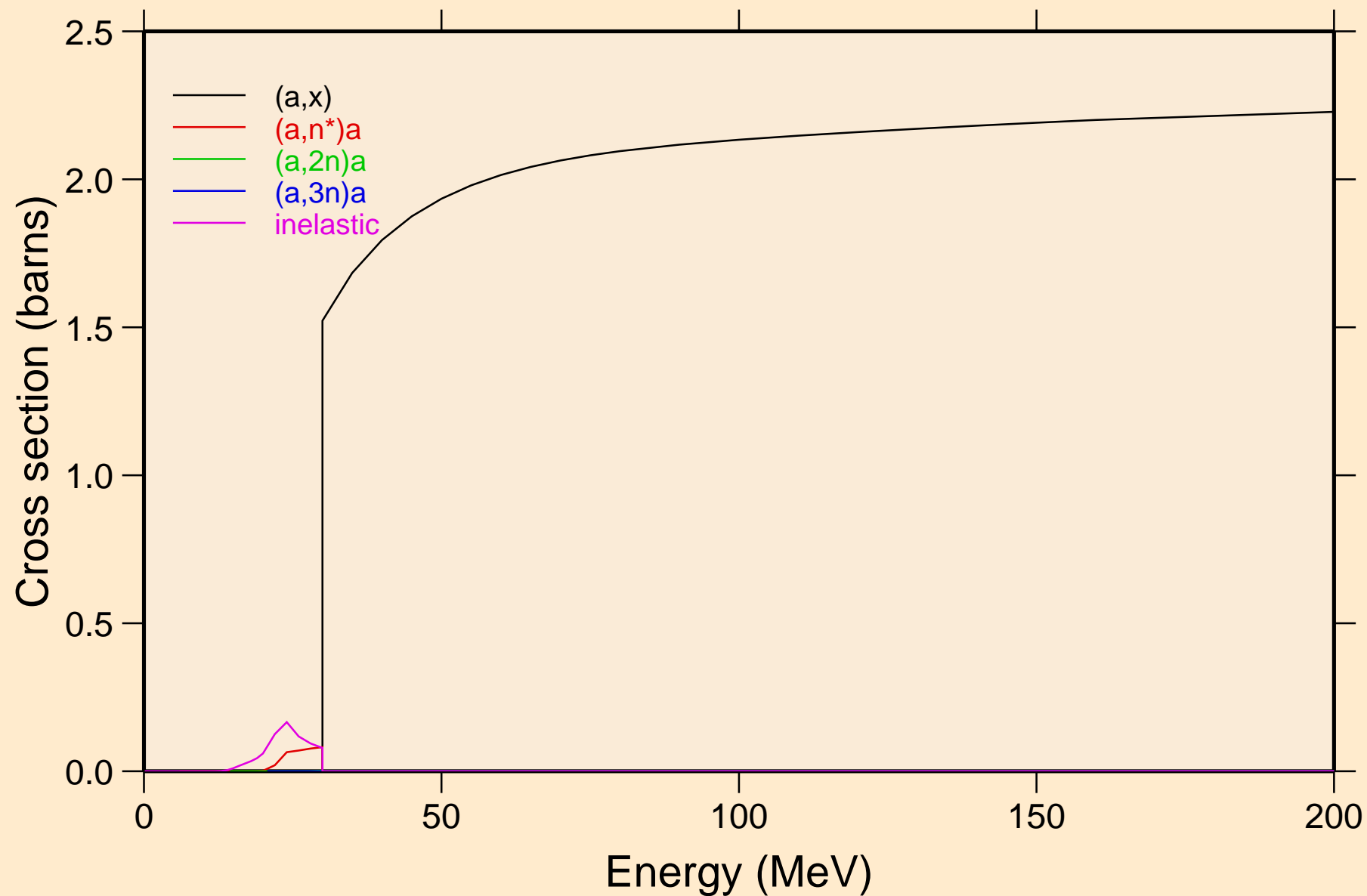
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



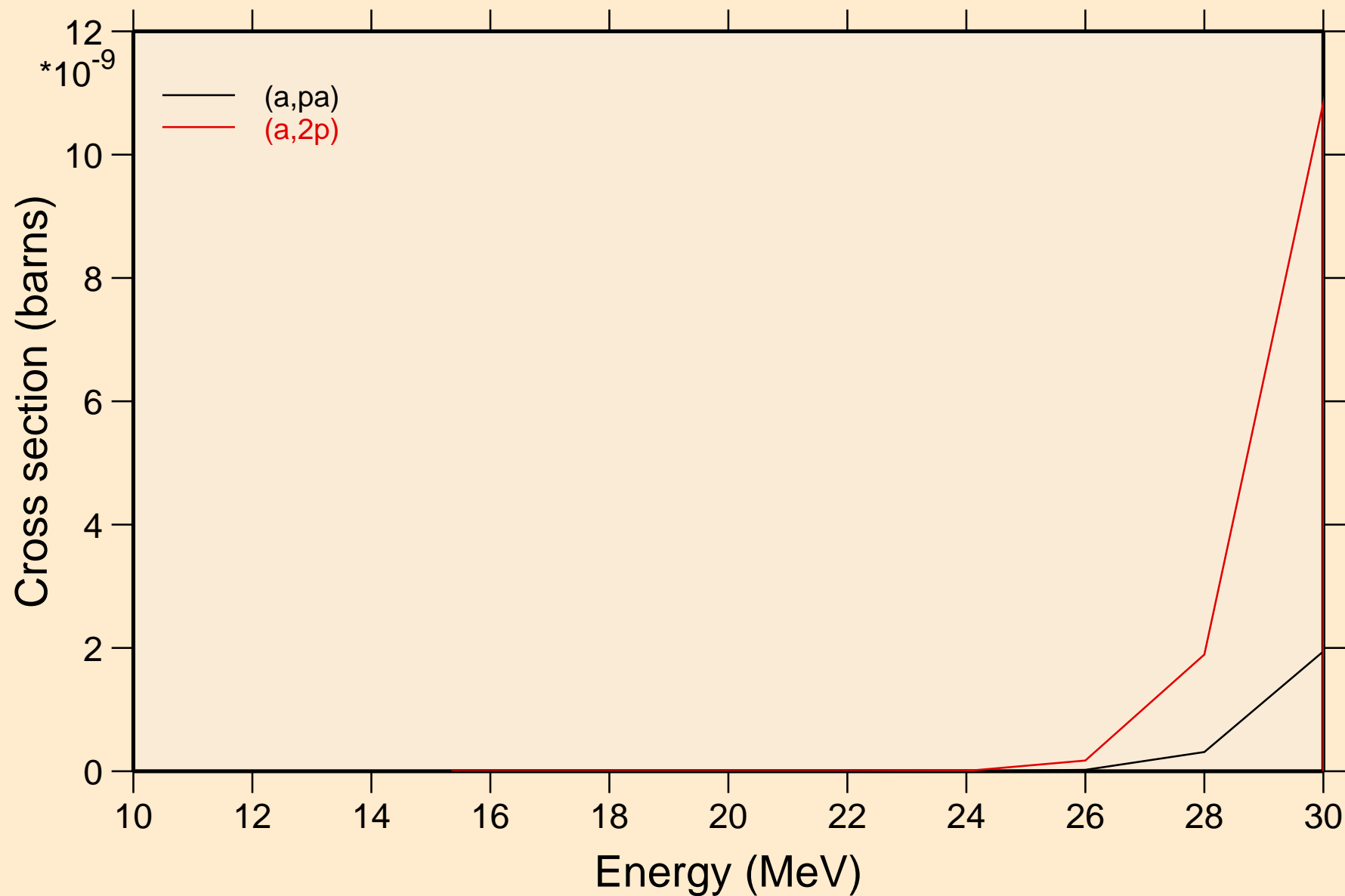
# IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



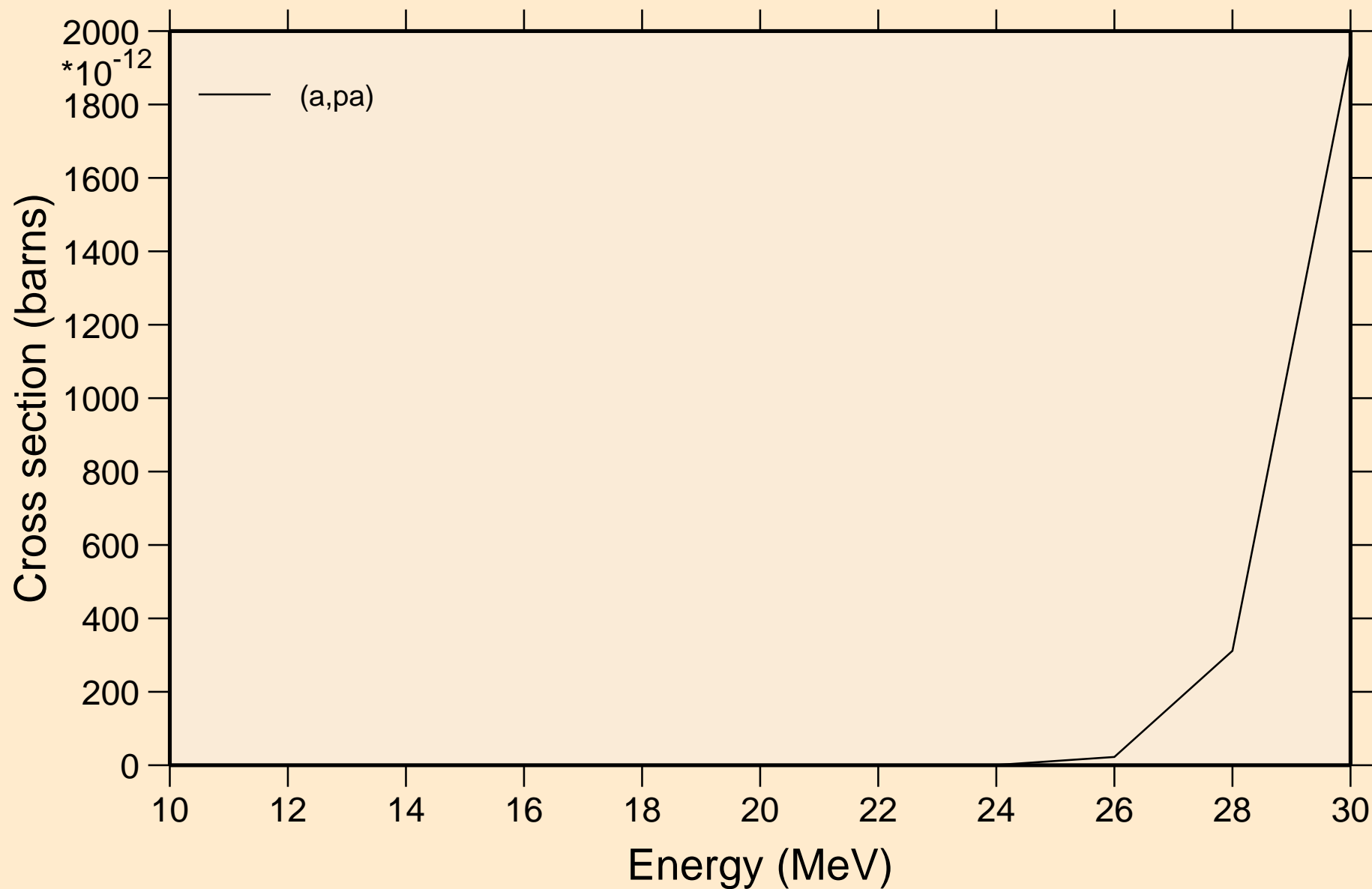
# IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

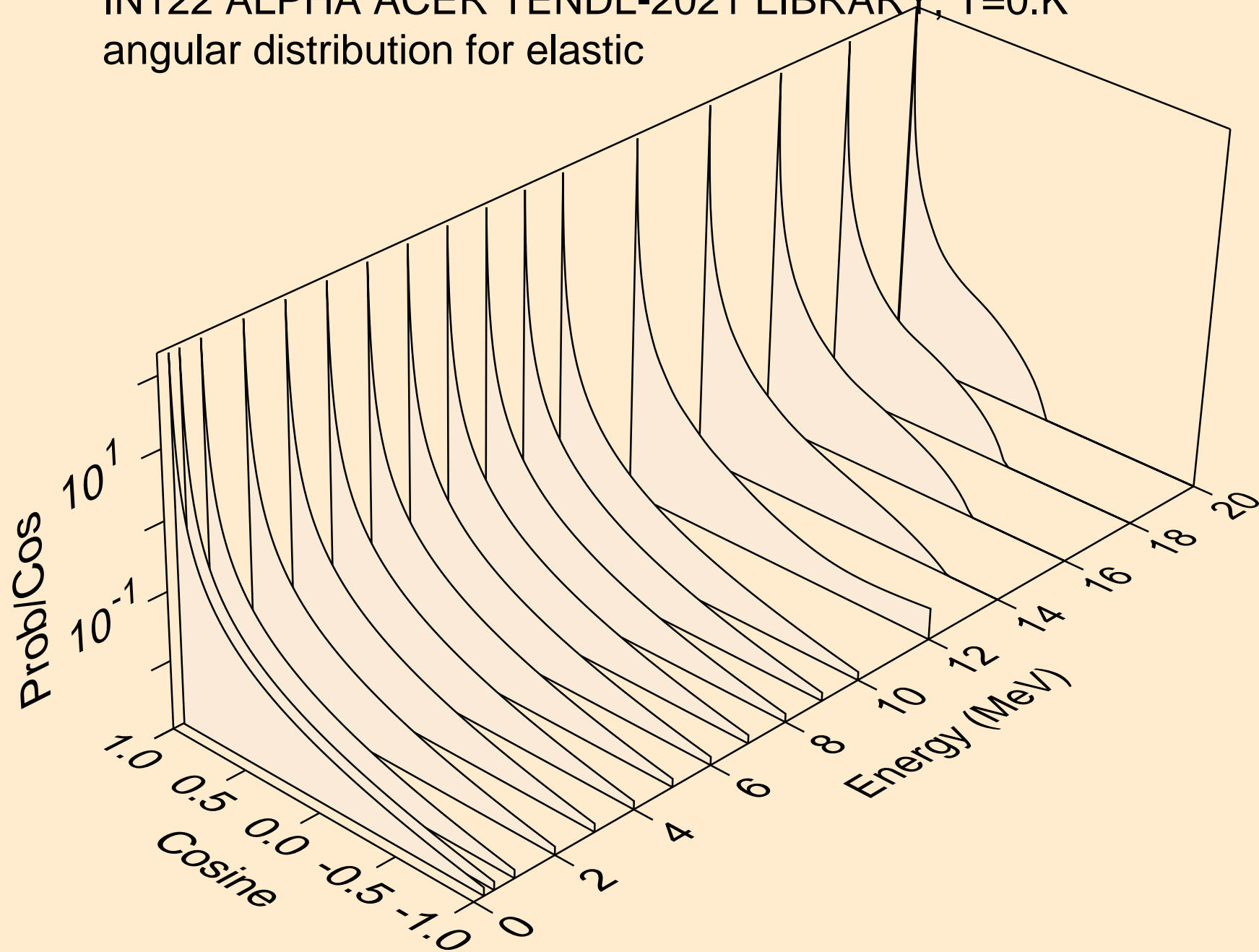


# IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

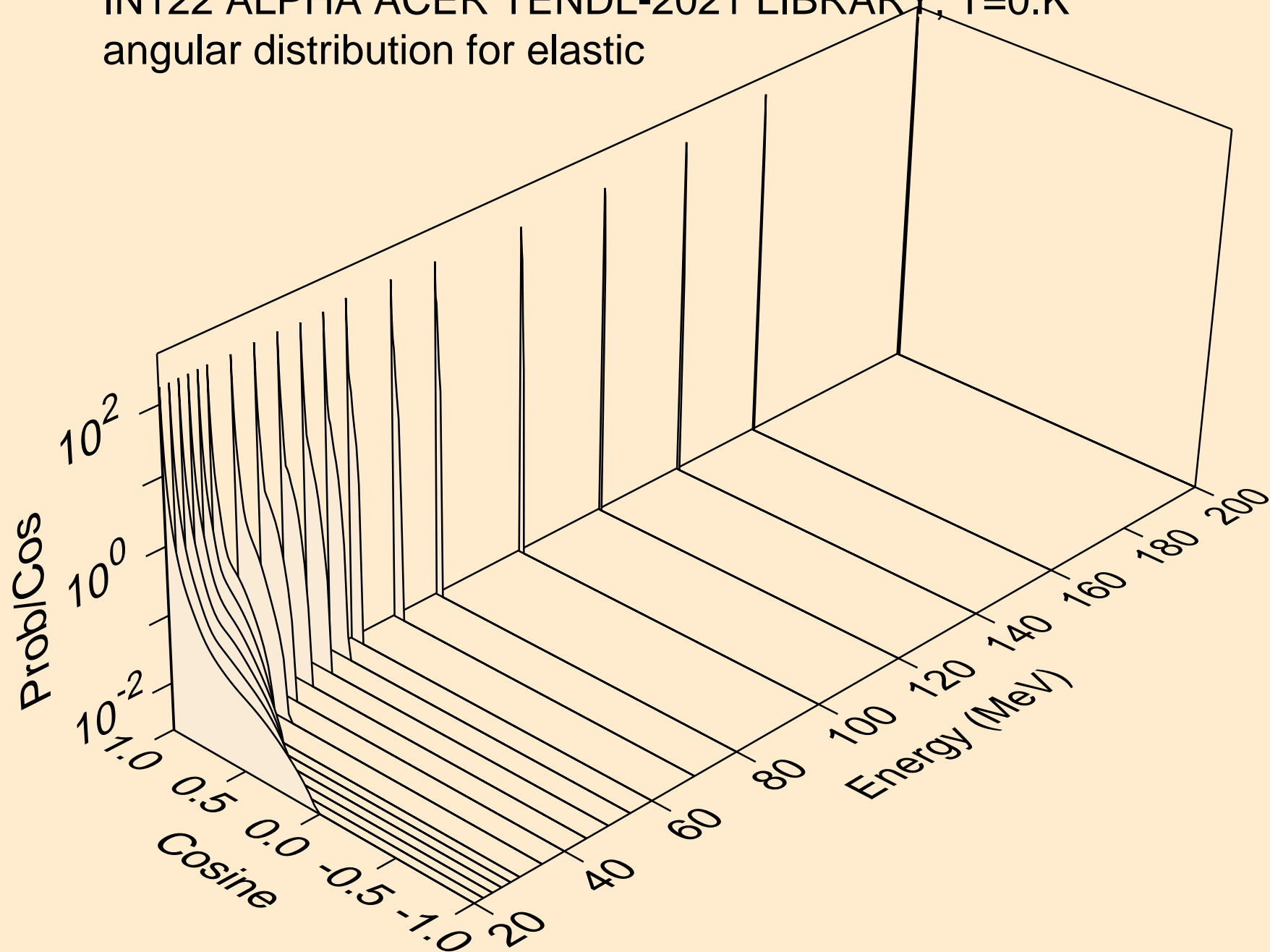


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



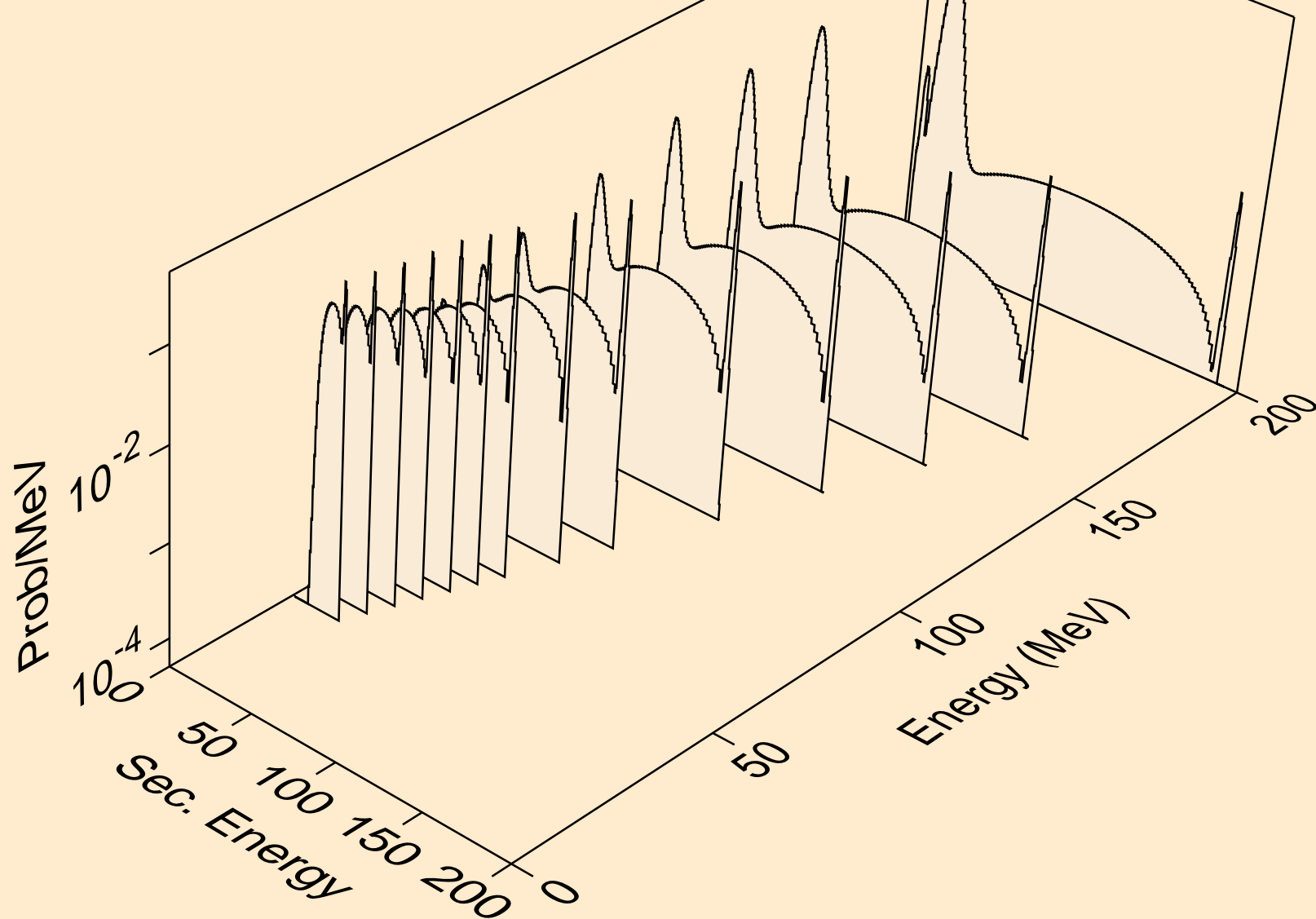


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



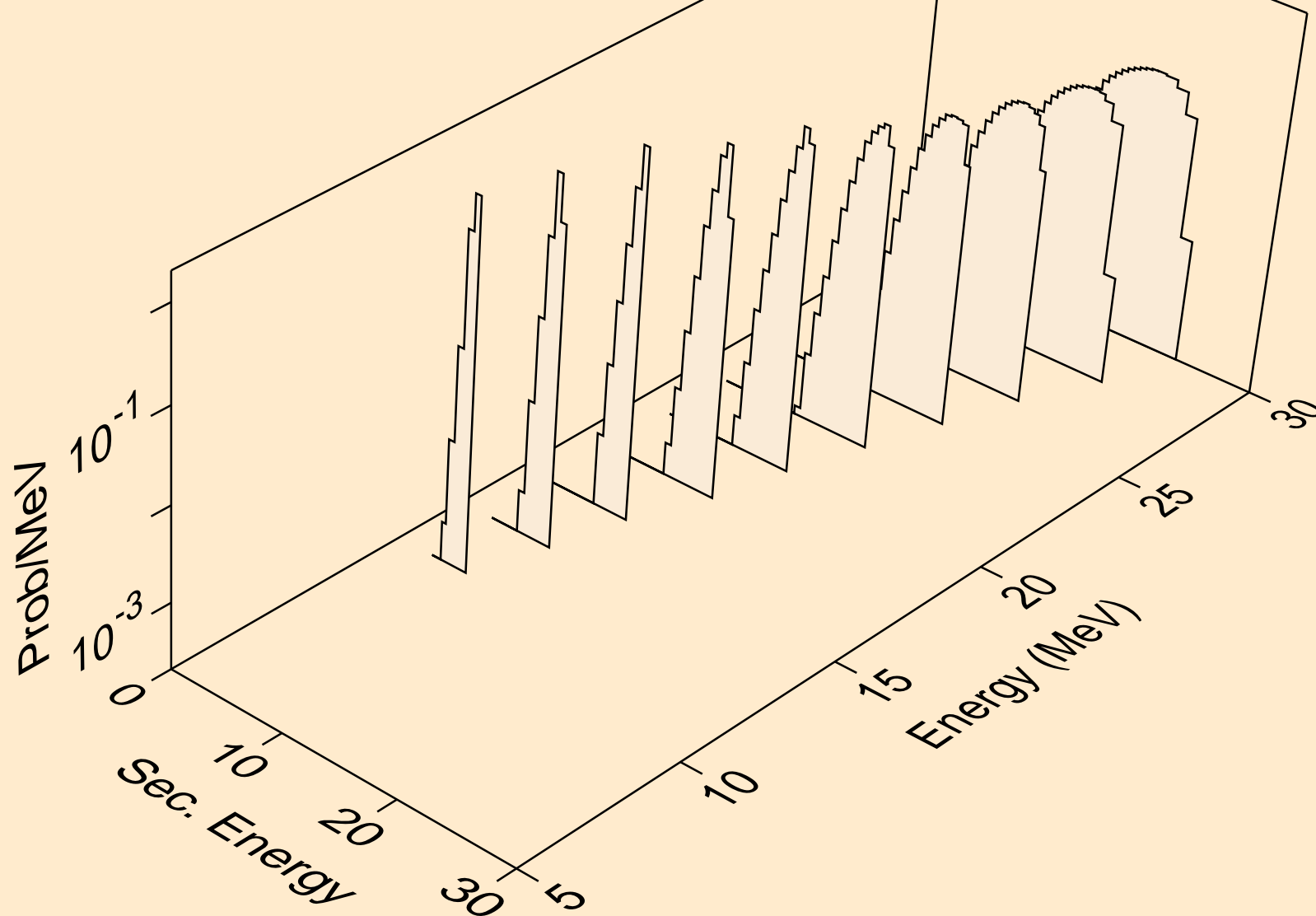
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)



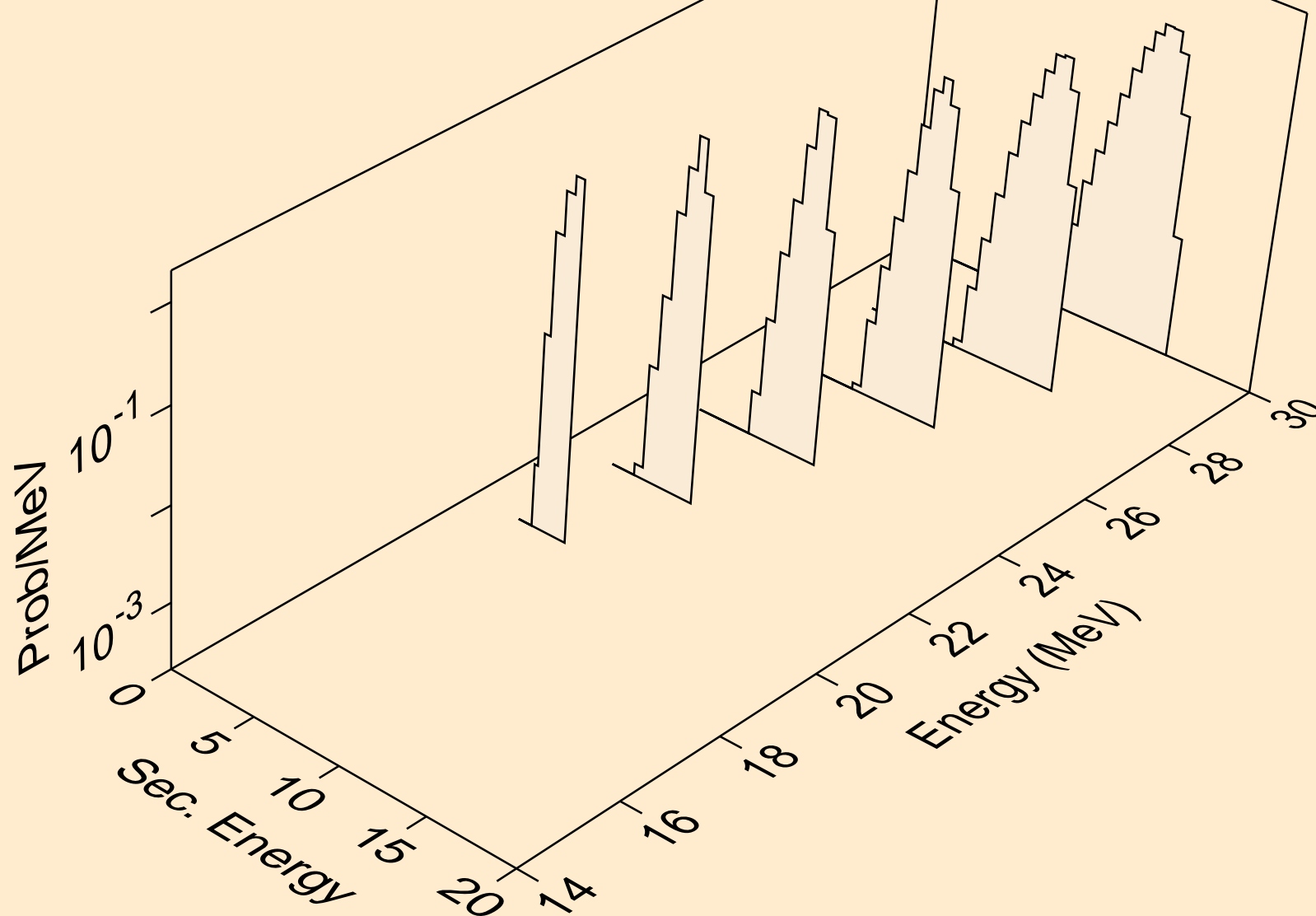
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



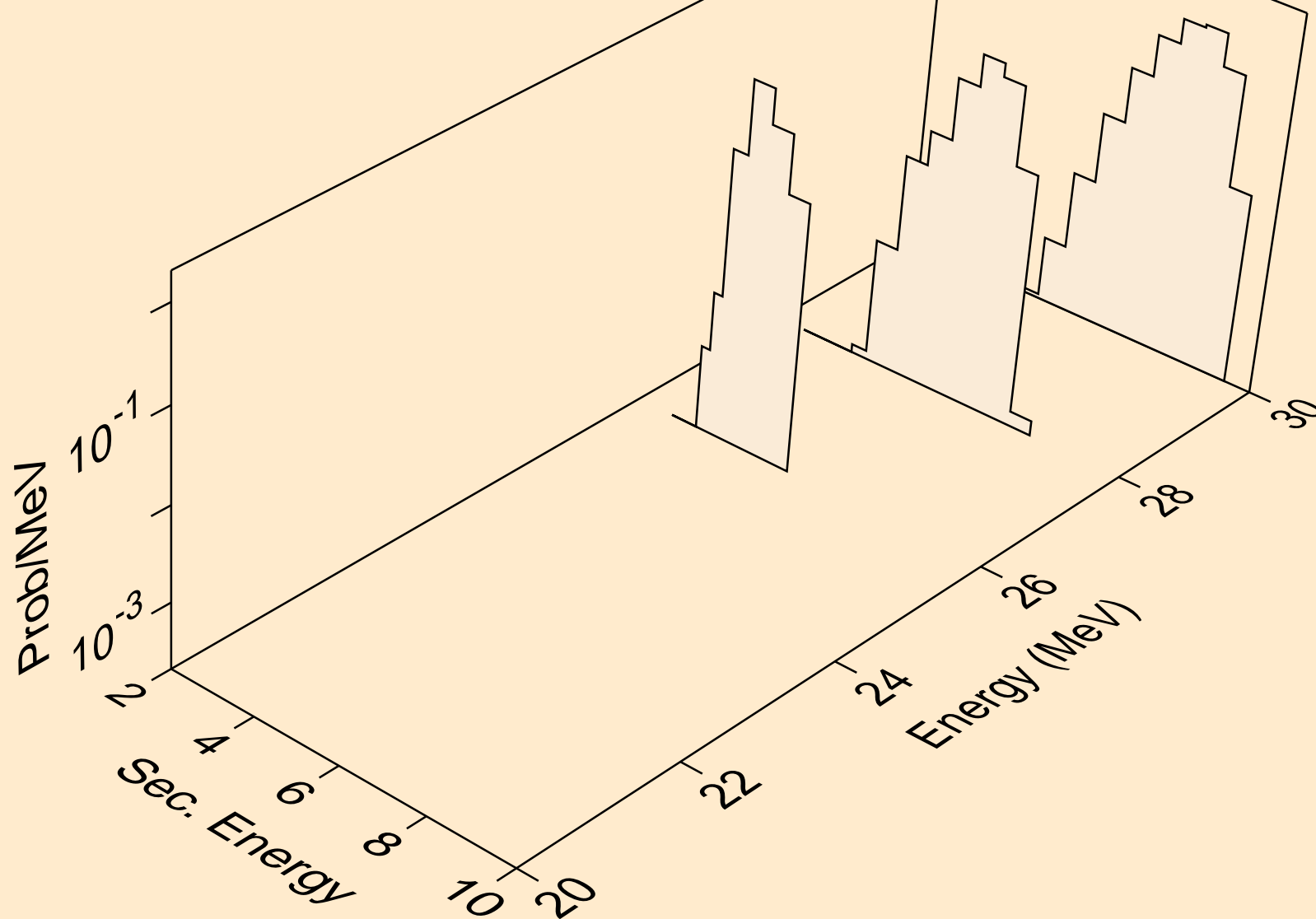
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2n)a



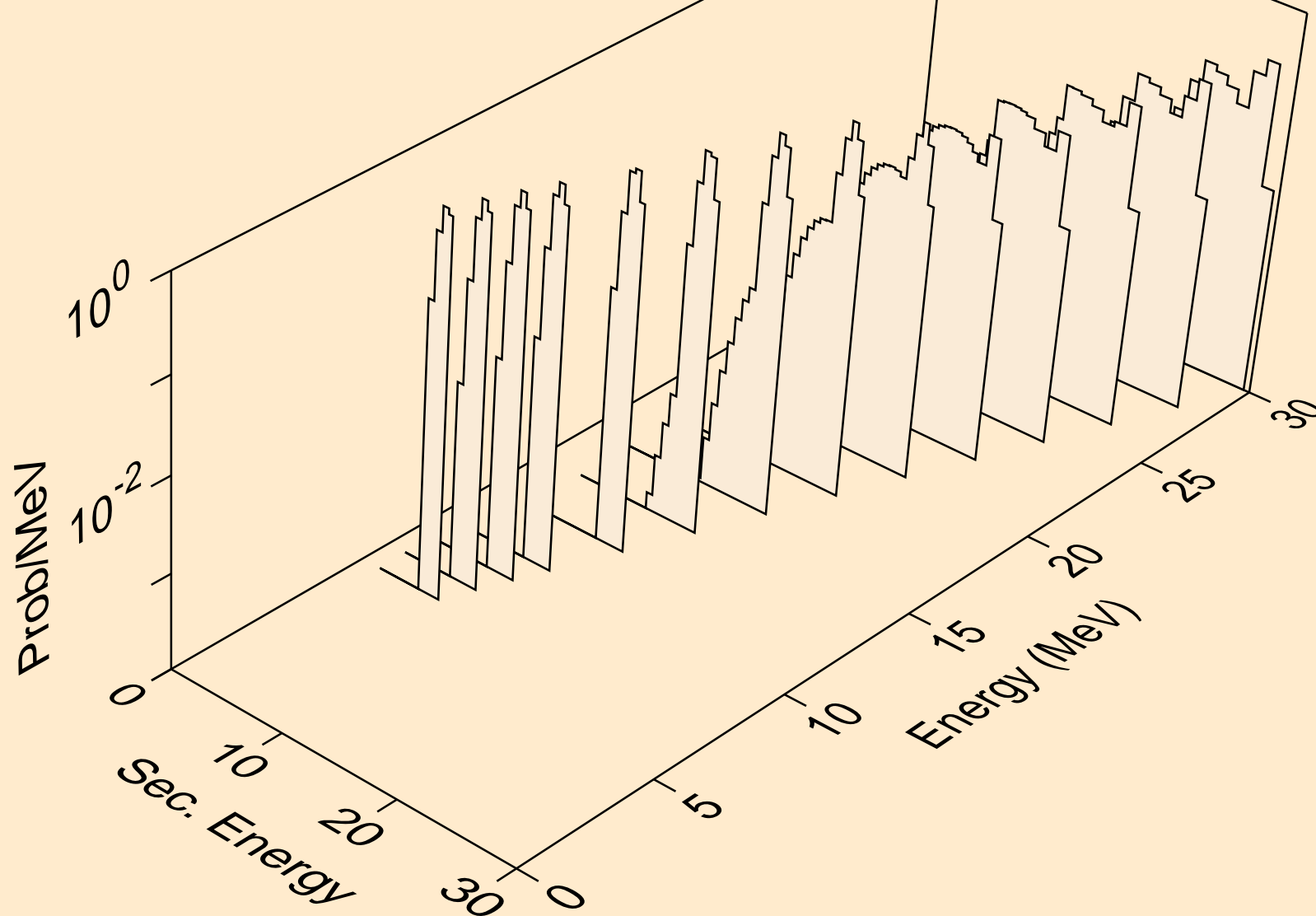
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,3n)a



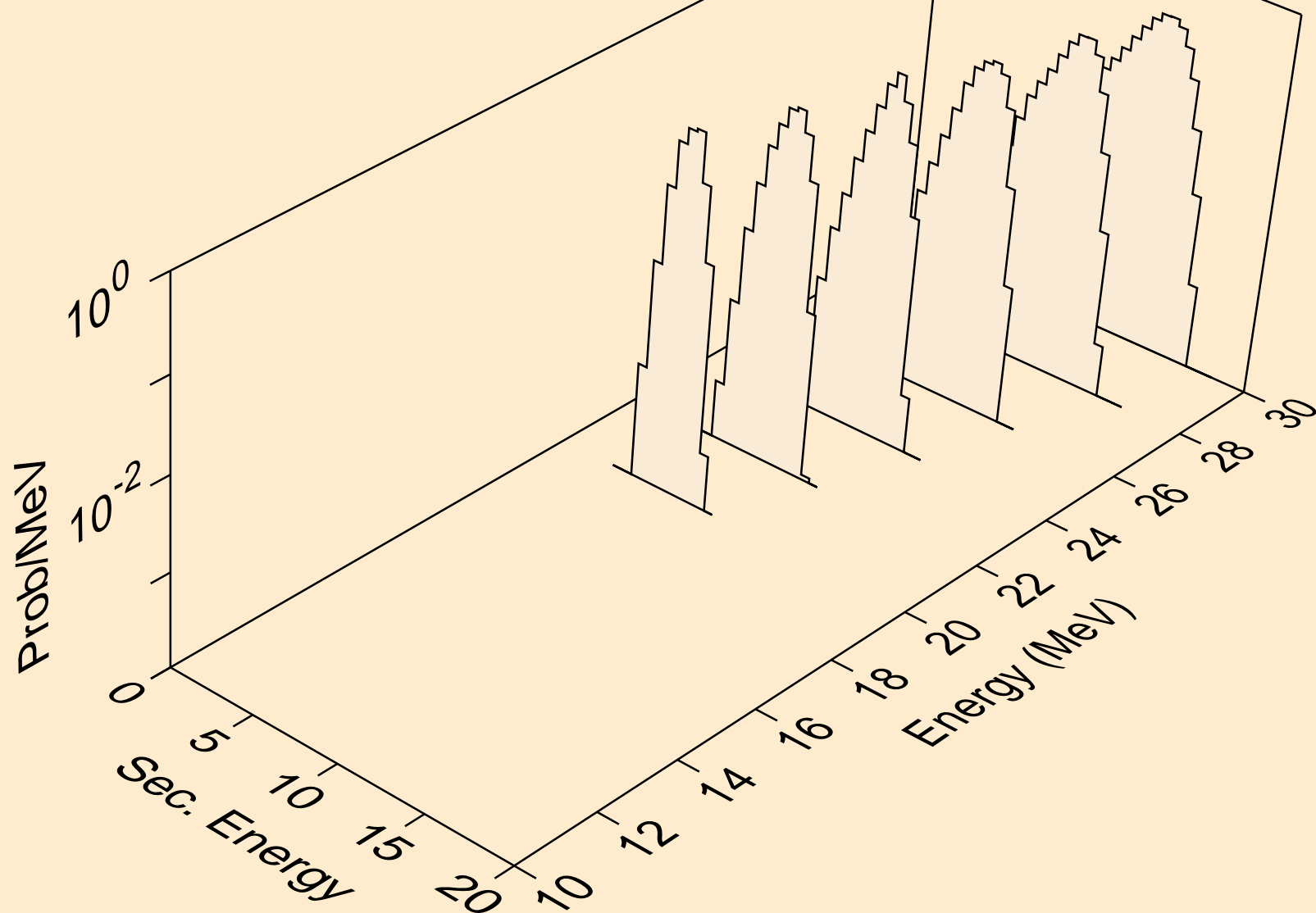
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for inelastic



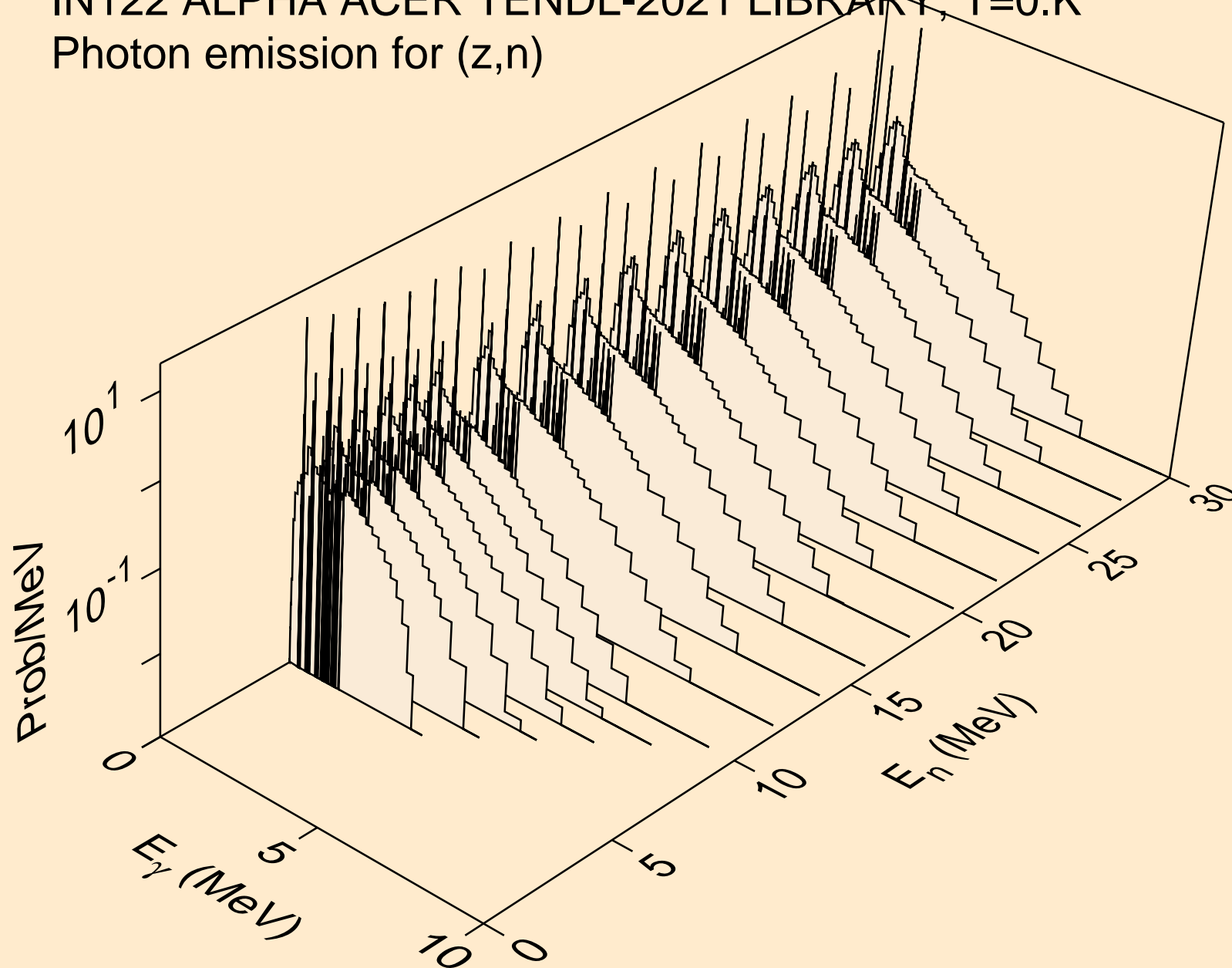
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,pa)



IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

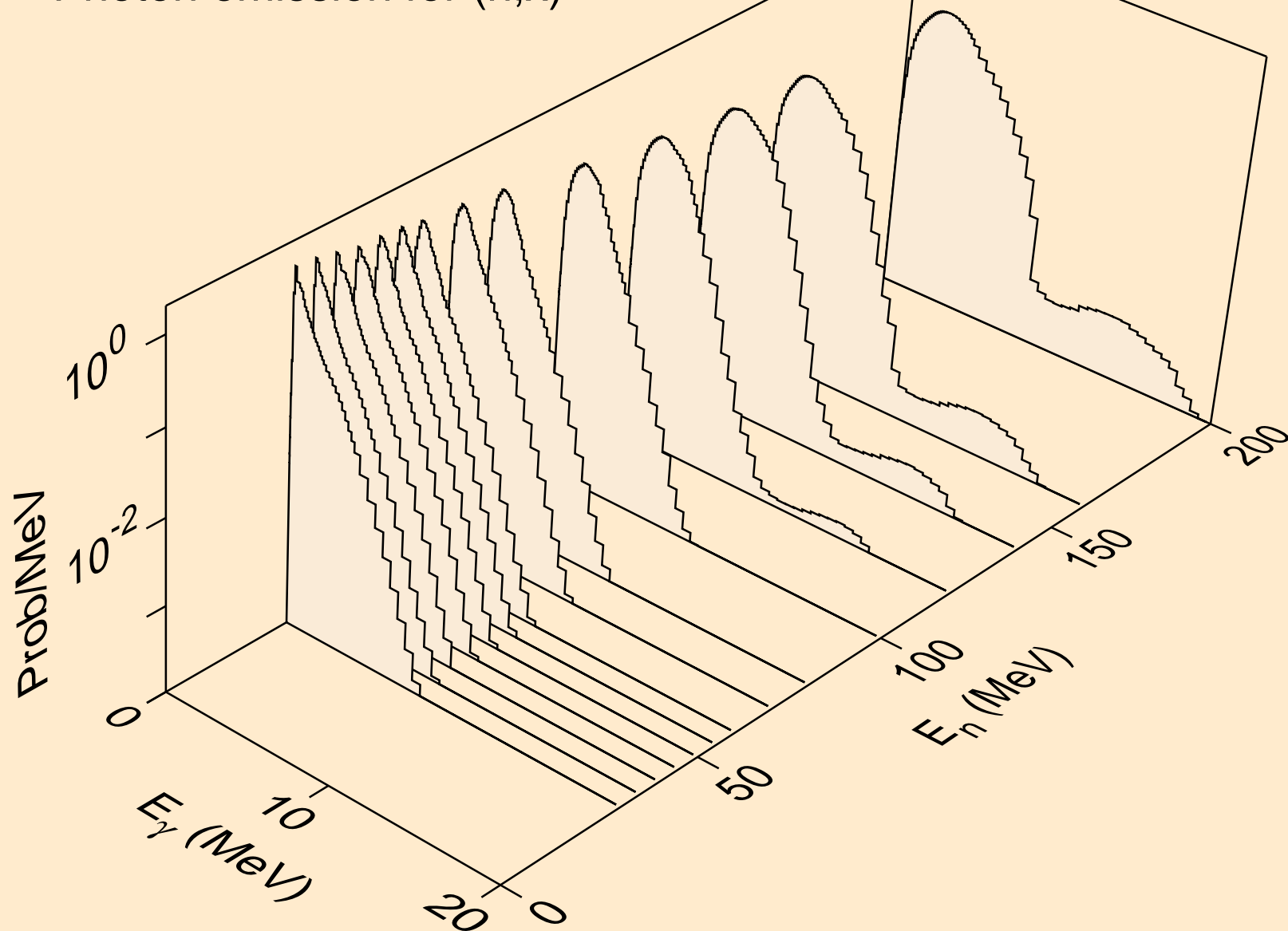
Photon emission for (z,n)



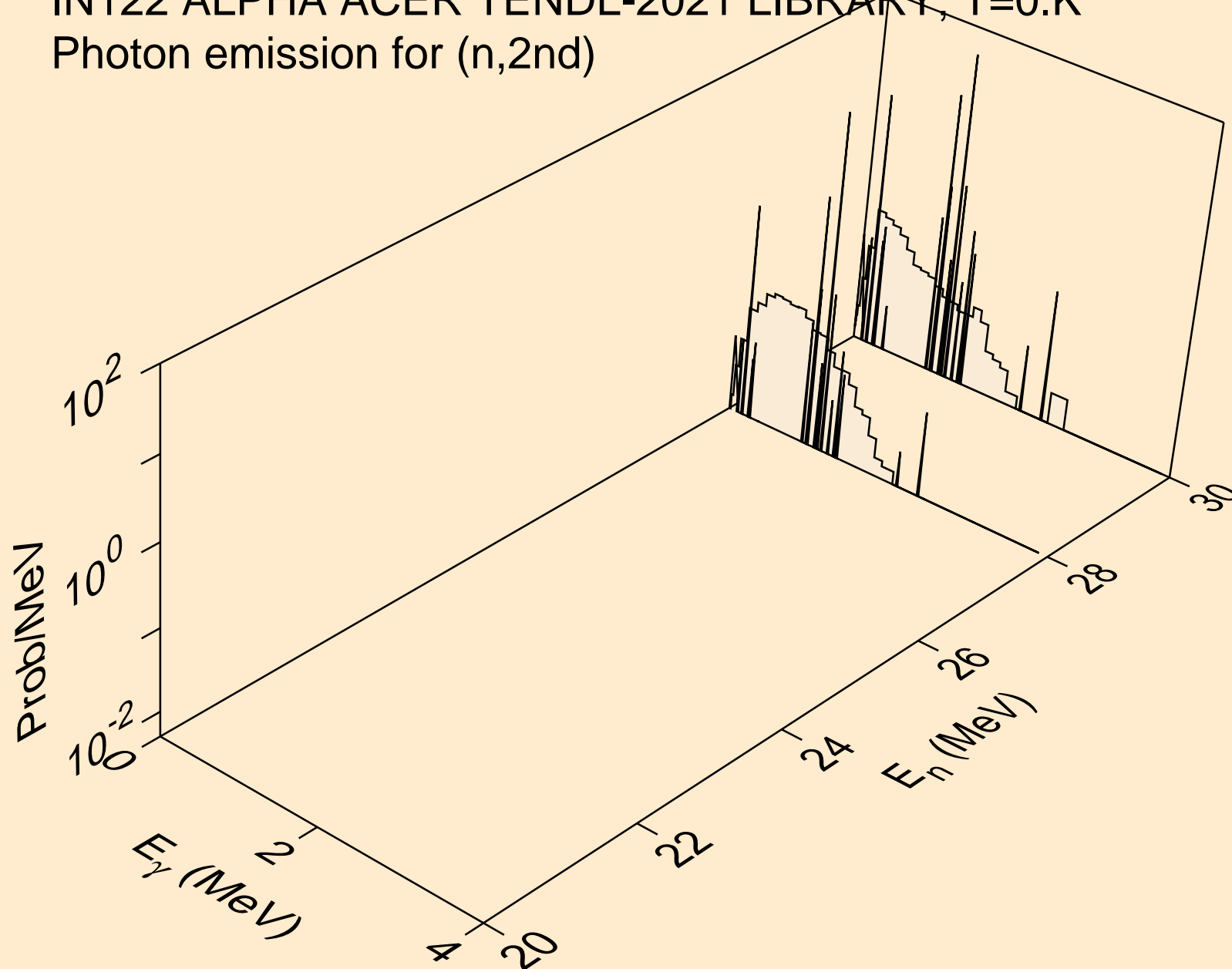


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,x)

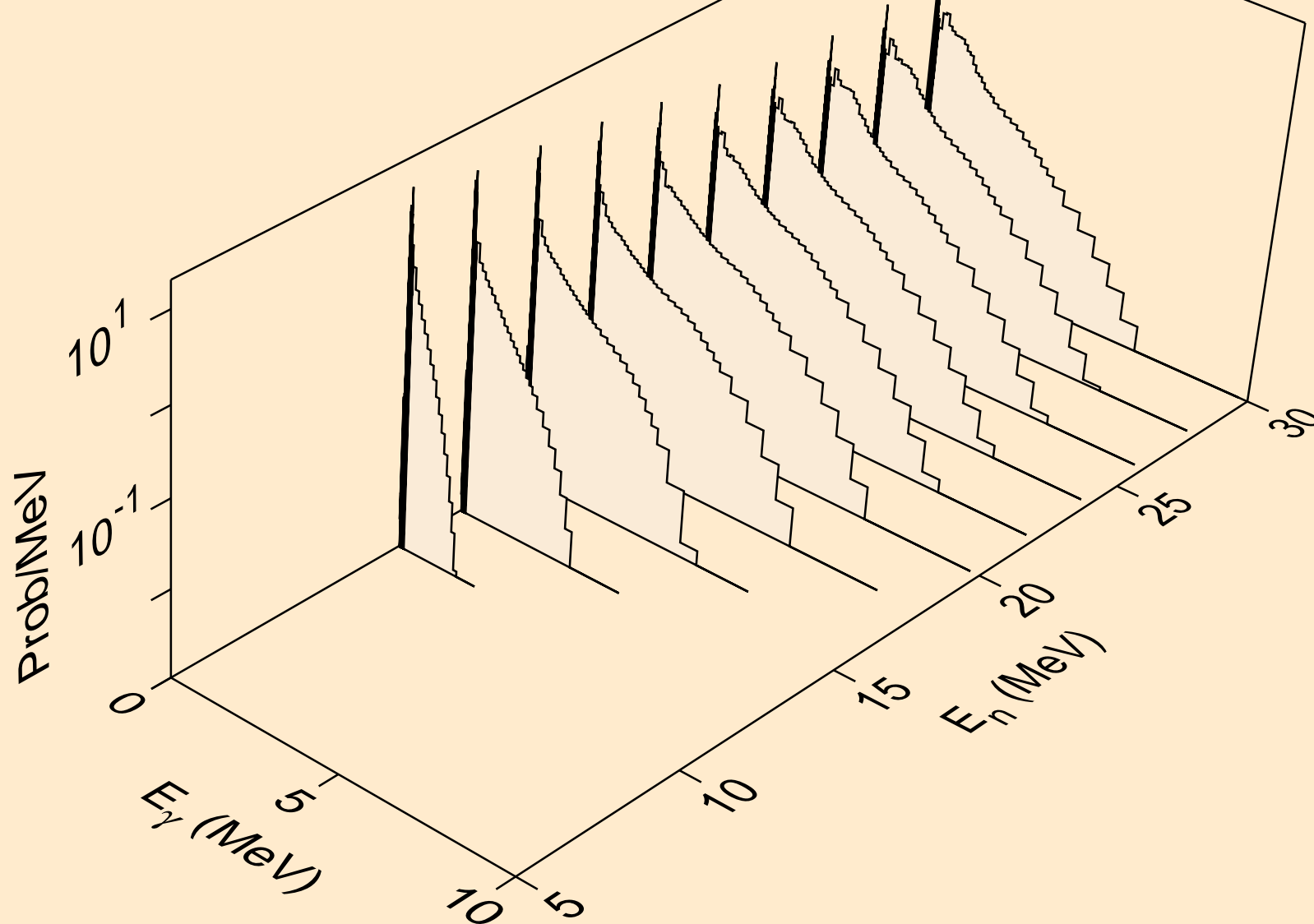


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

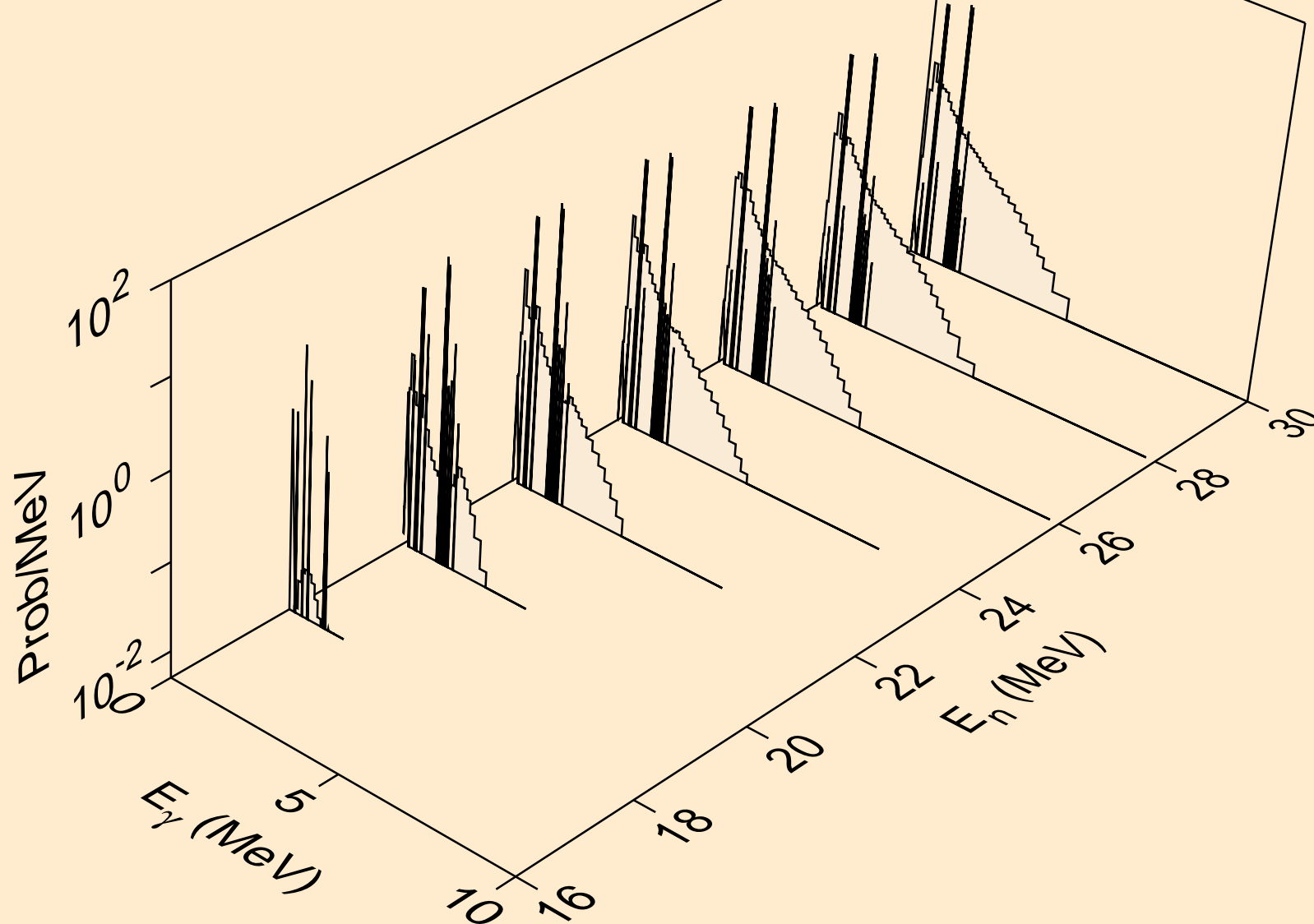


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,2n)

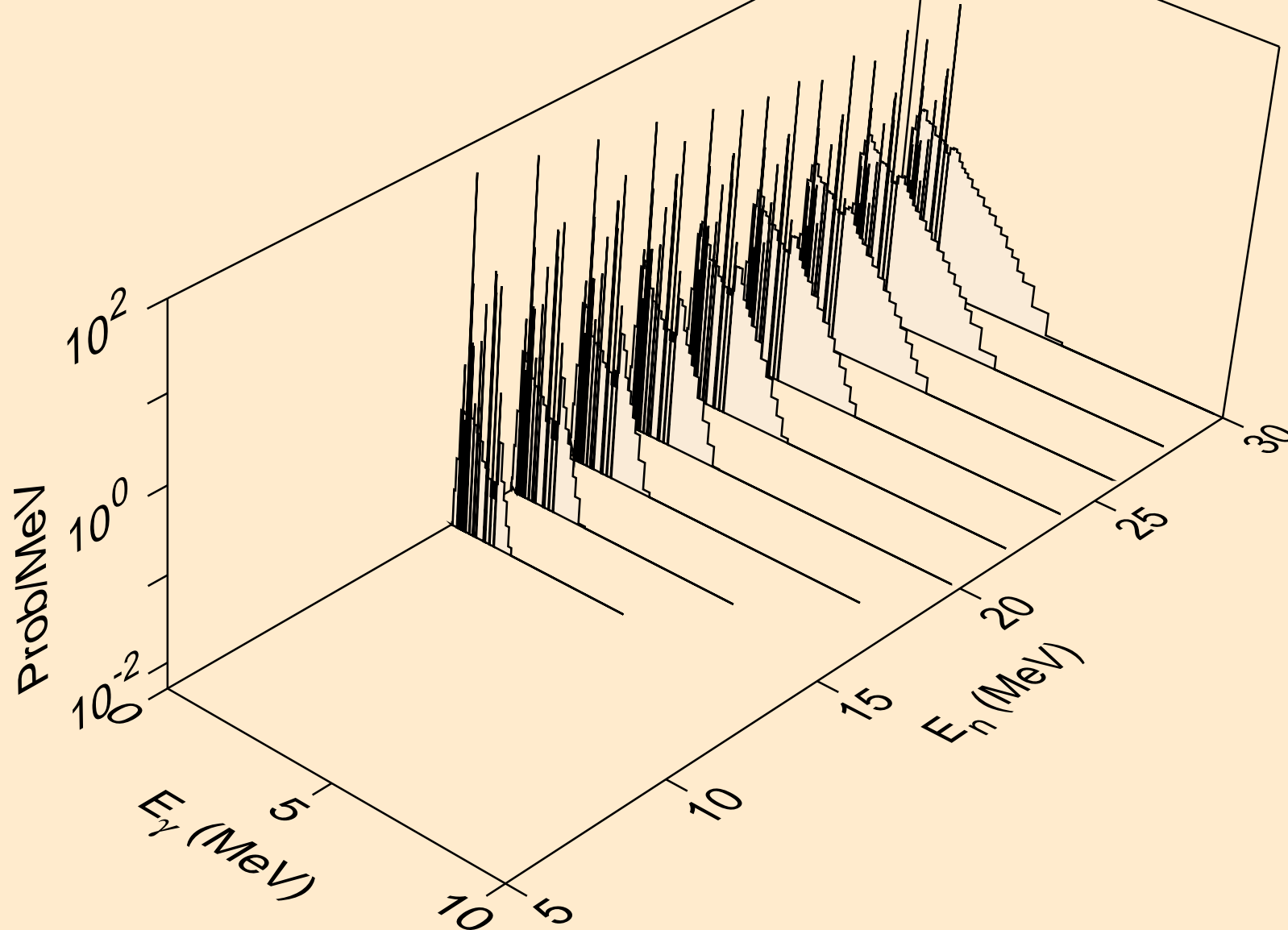


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



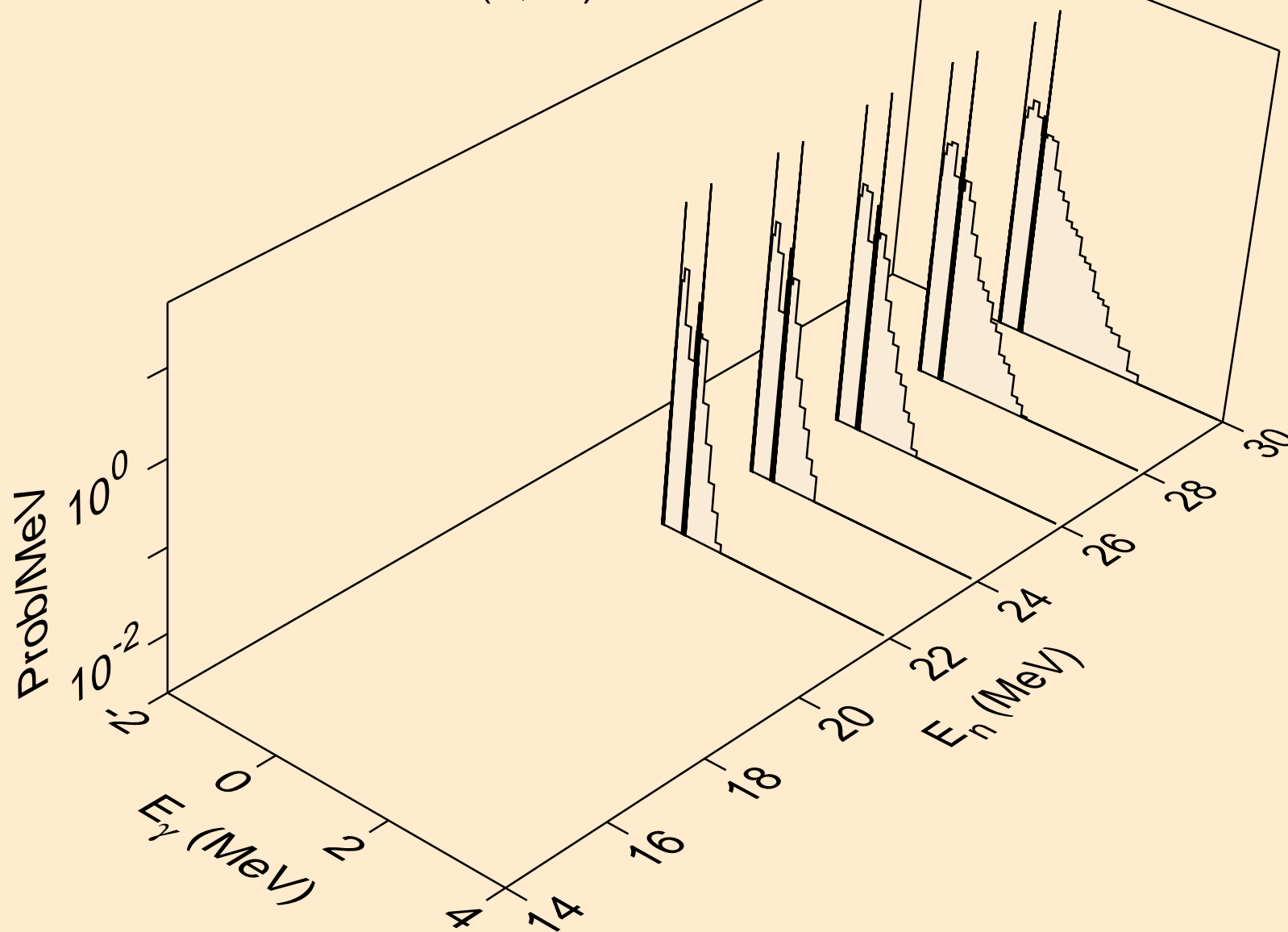
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)a



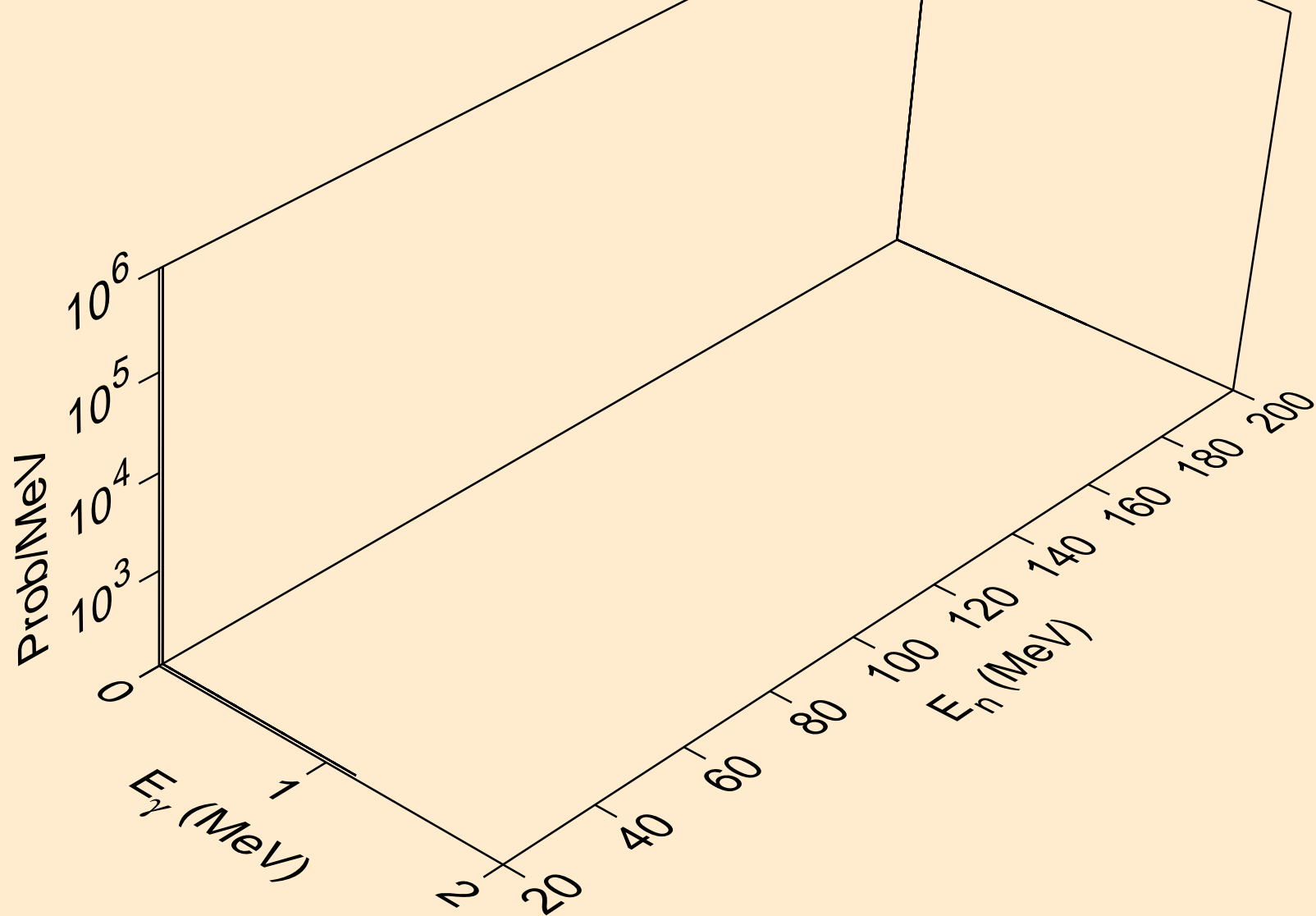
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

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



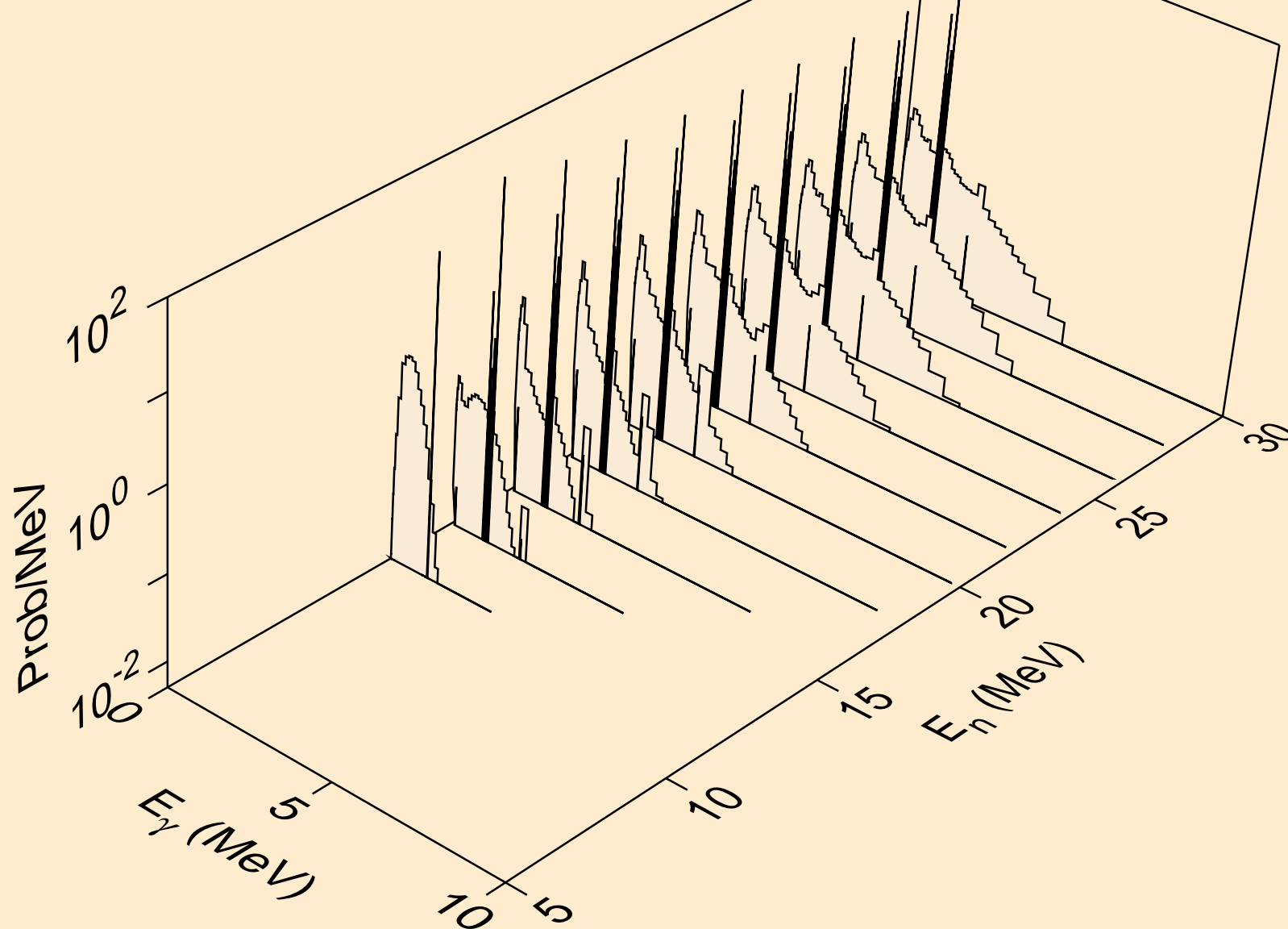
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,3n) $\alpha$



IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

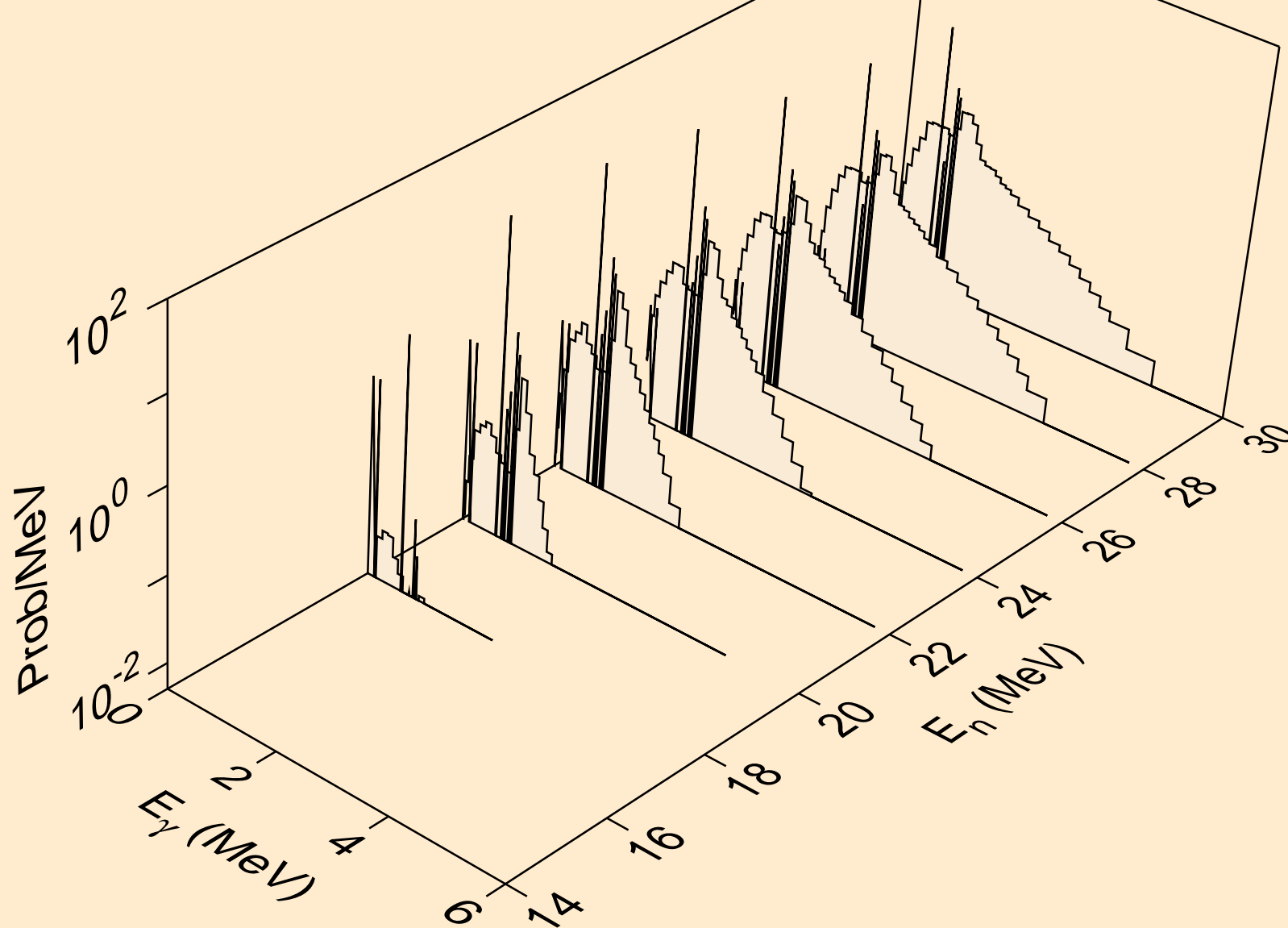
Photon emission for (n,n\*)p





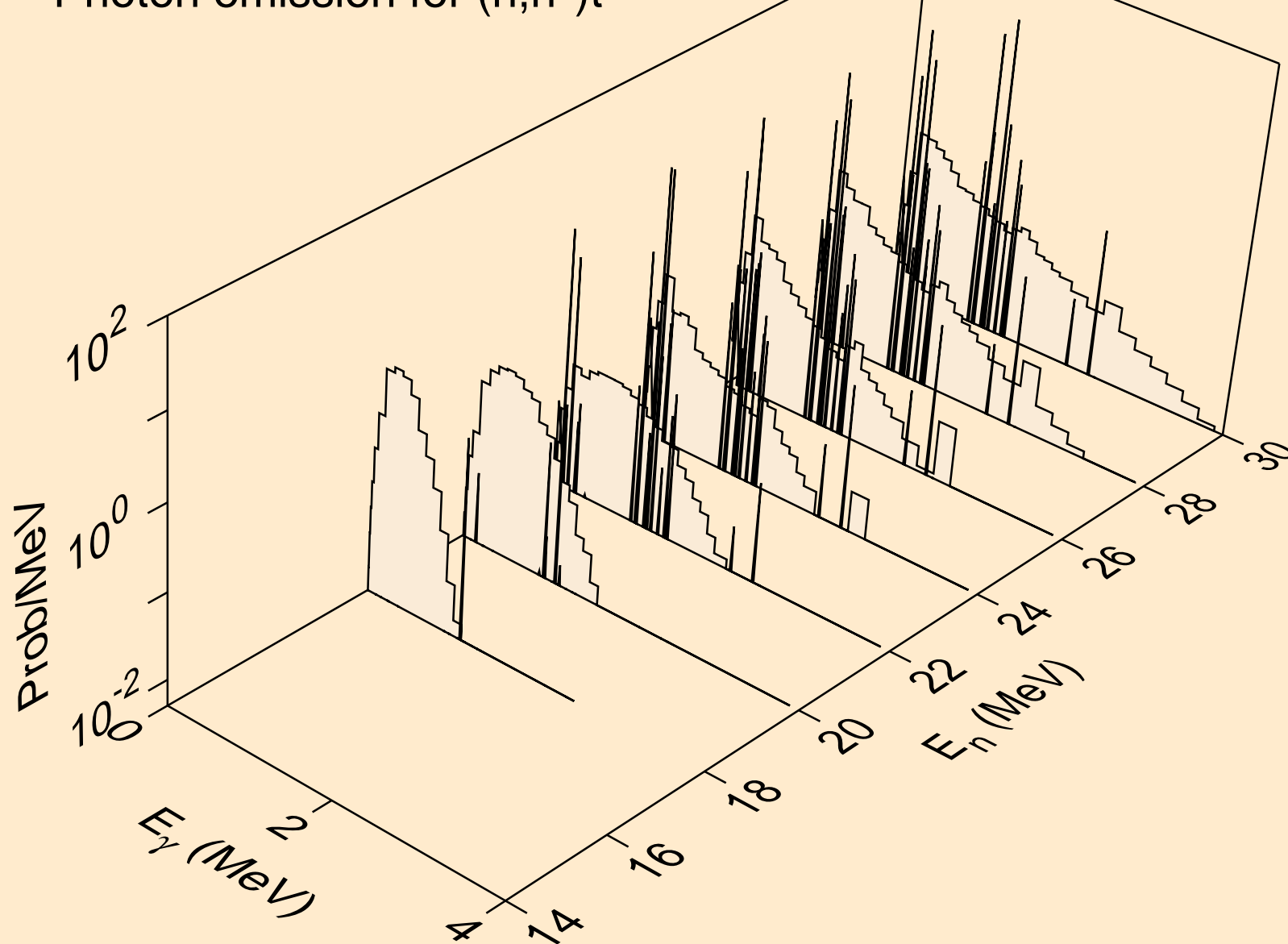
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)d



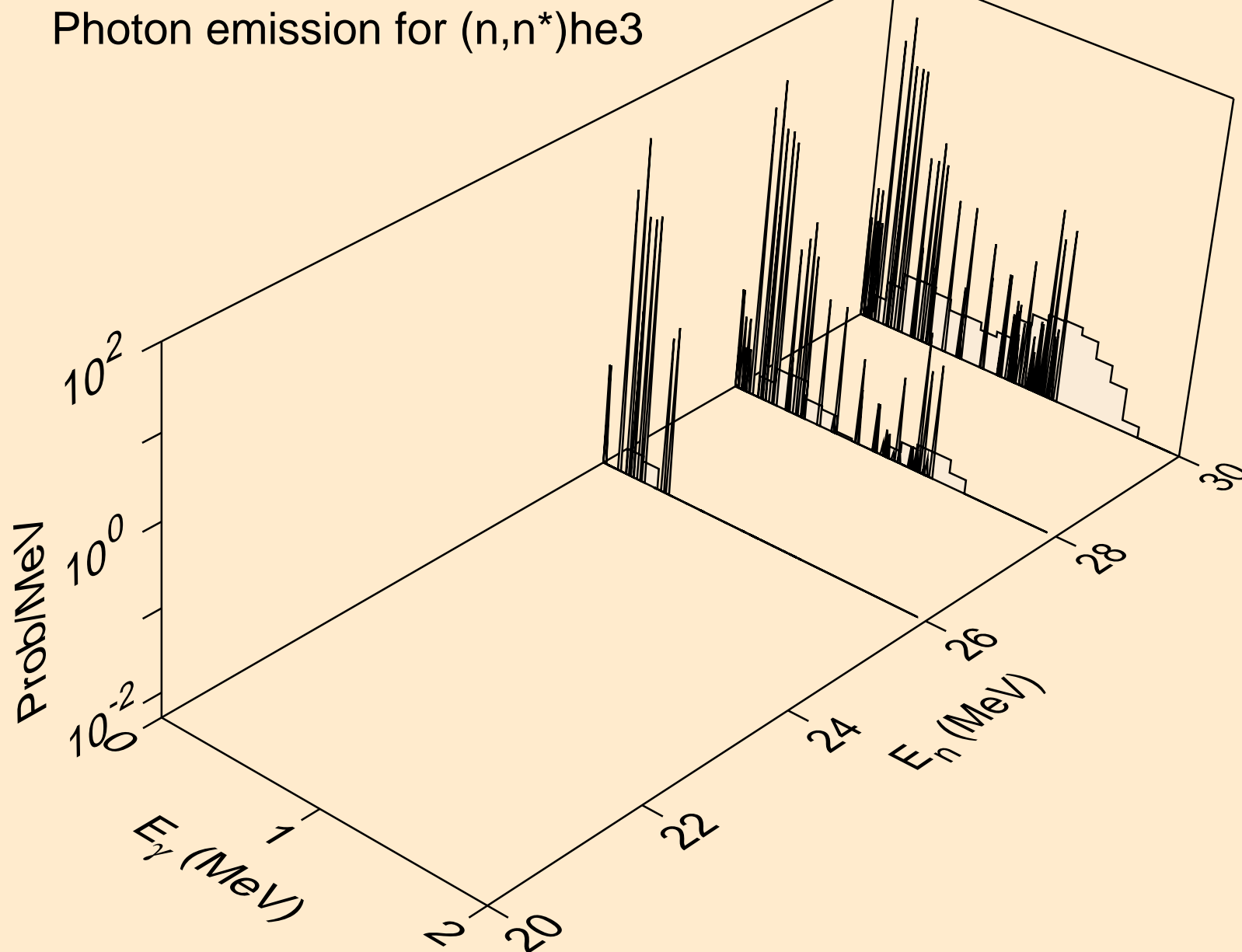
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)t

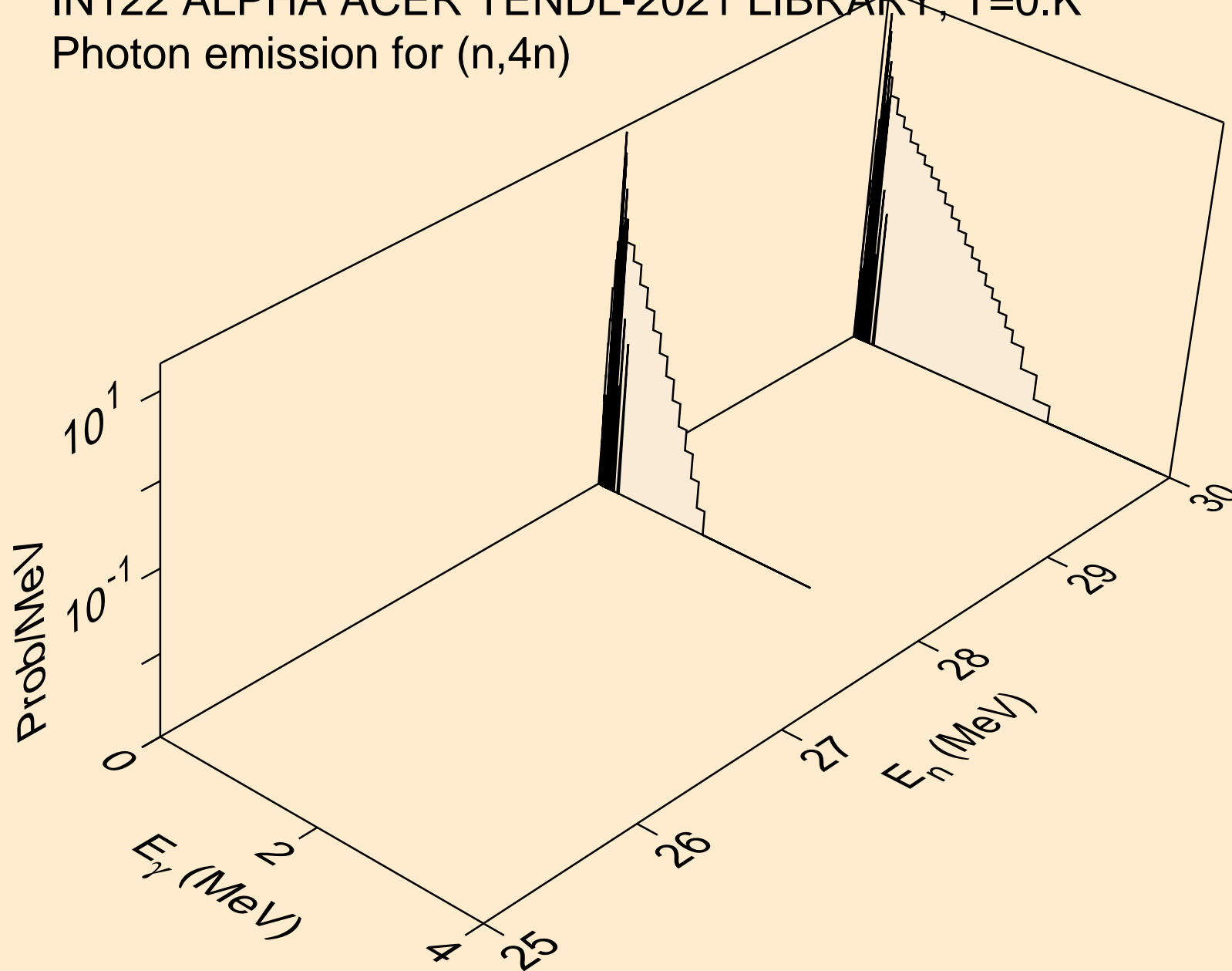


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)he3

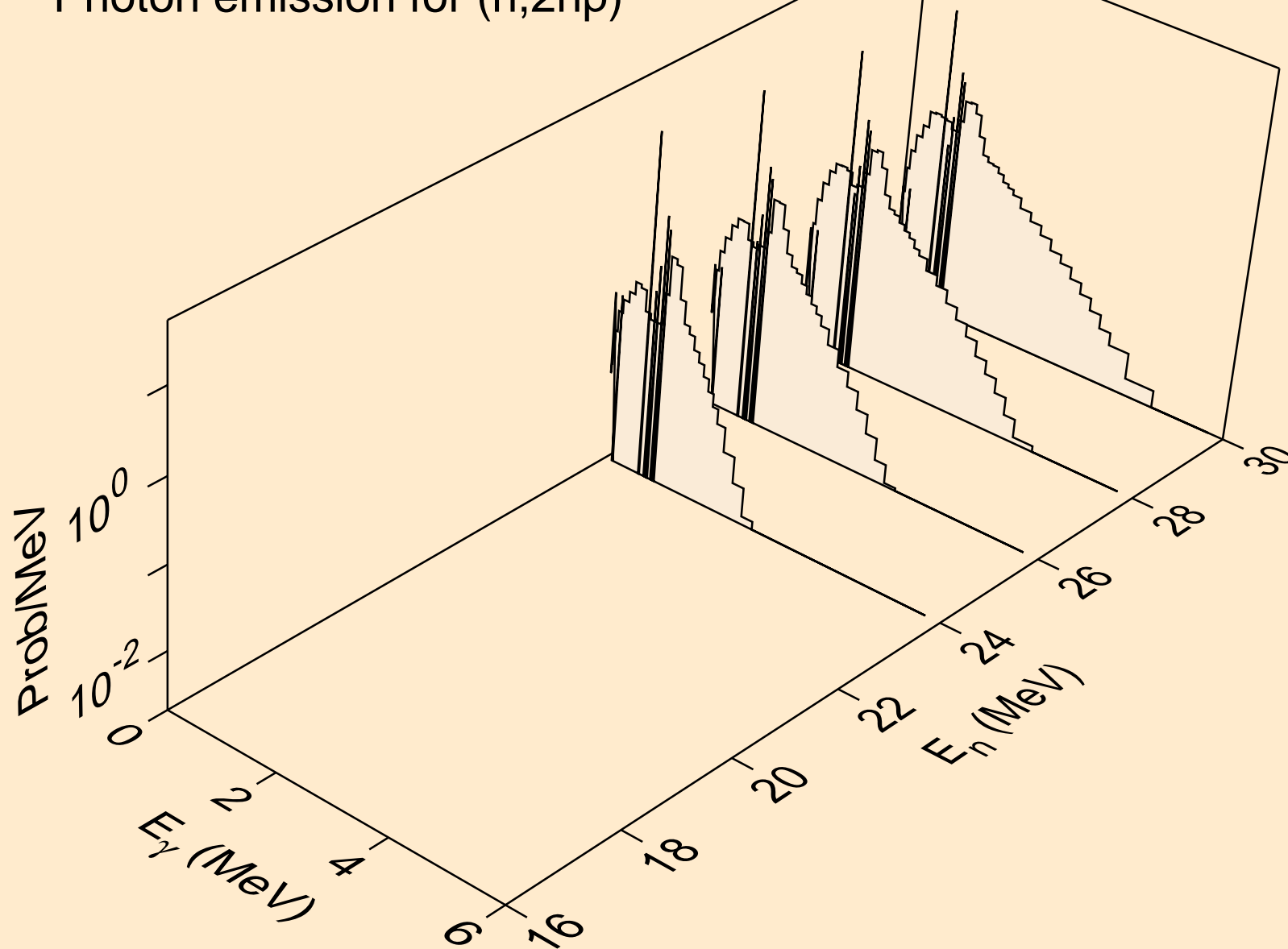


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



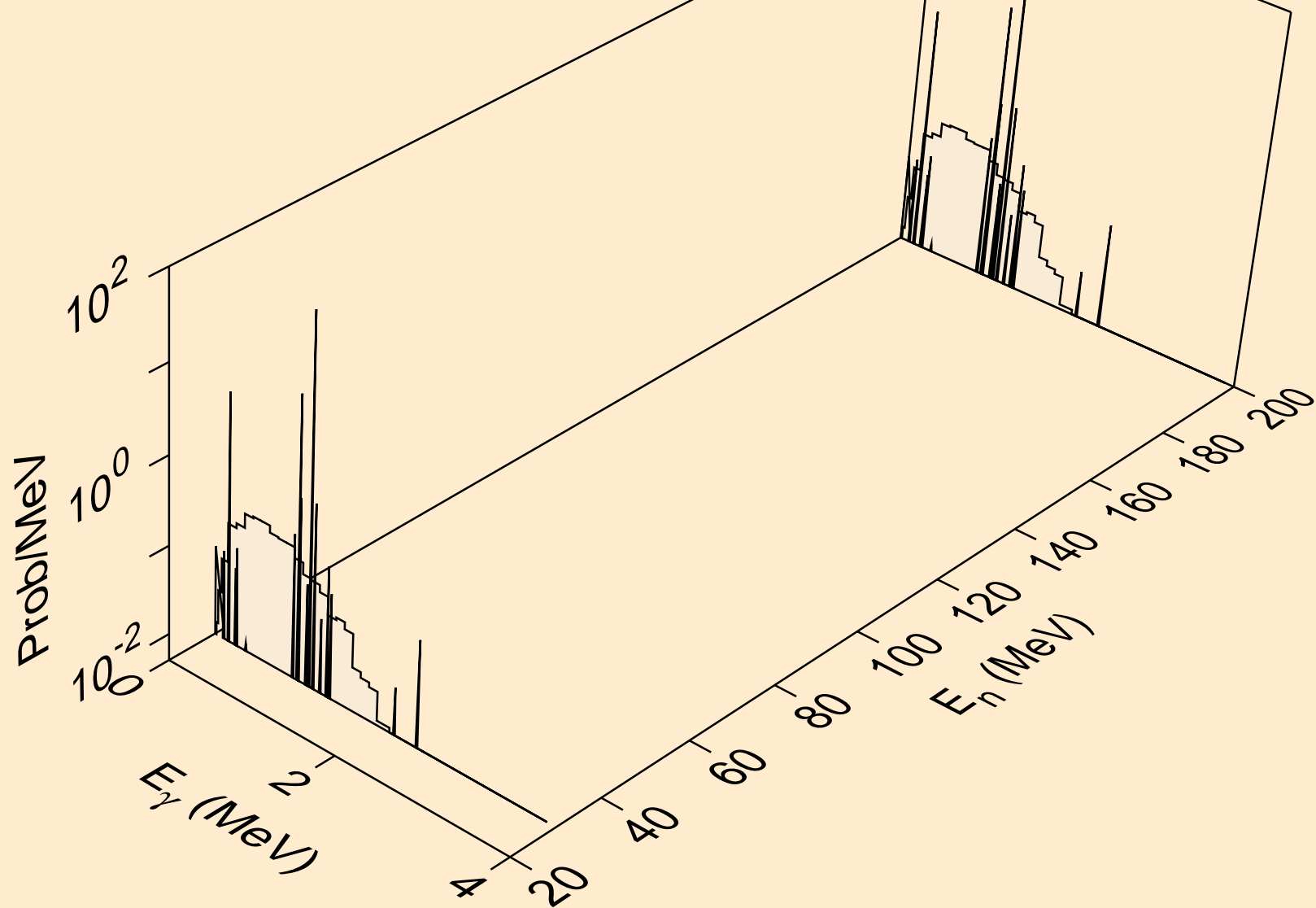
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,2np)

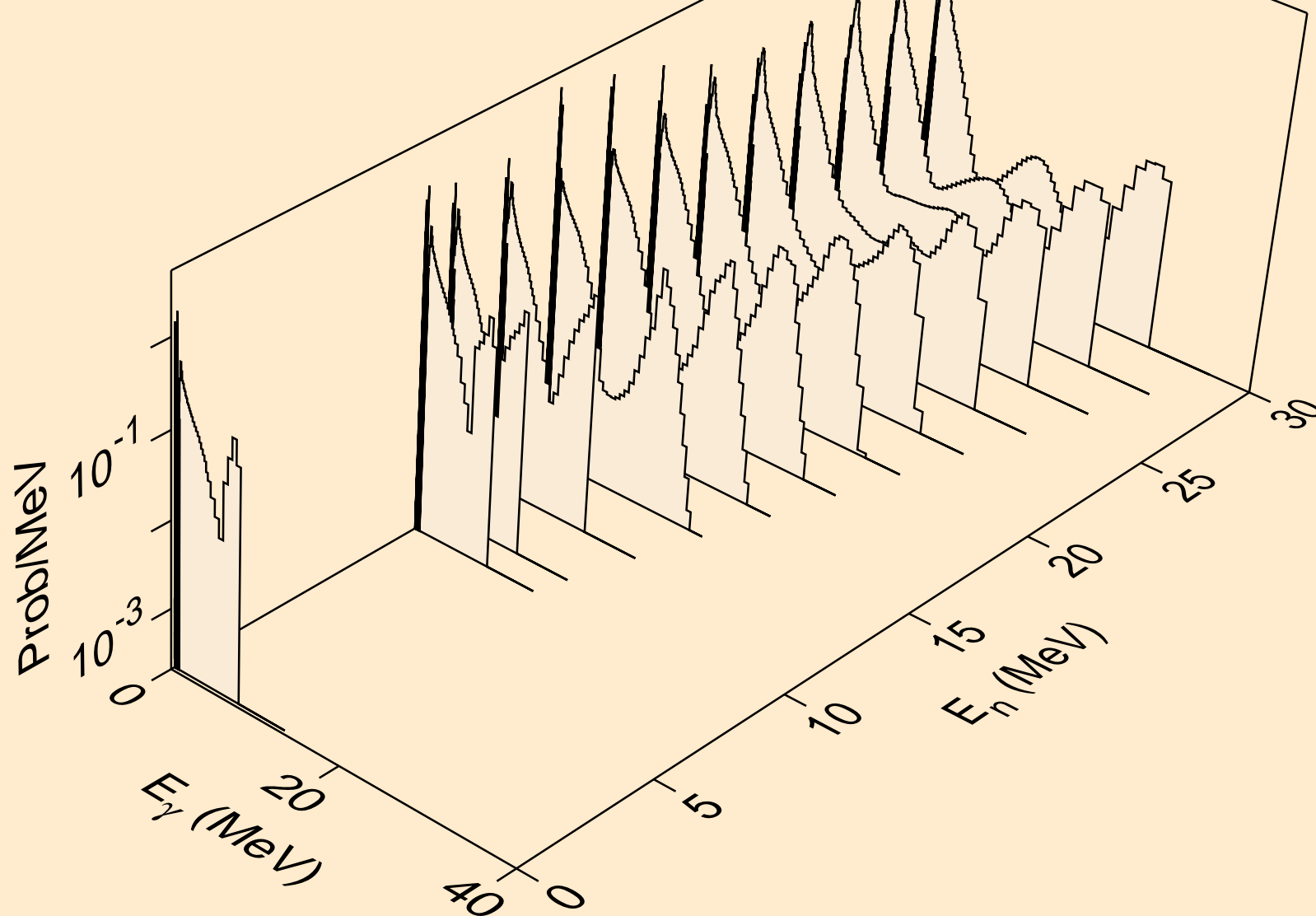


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,3np)

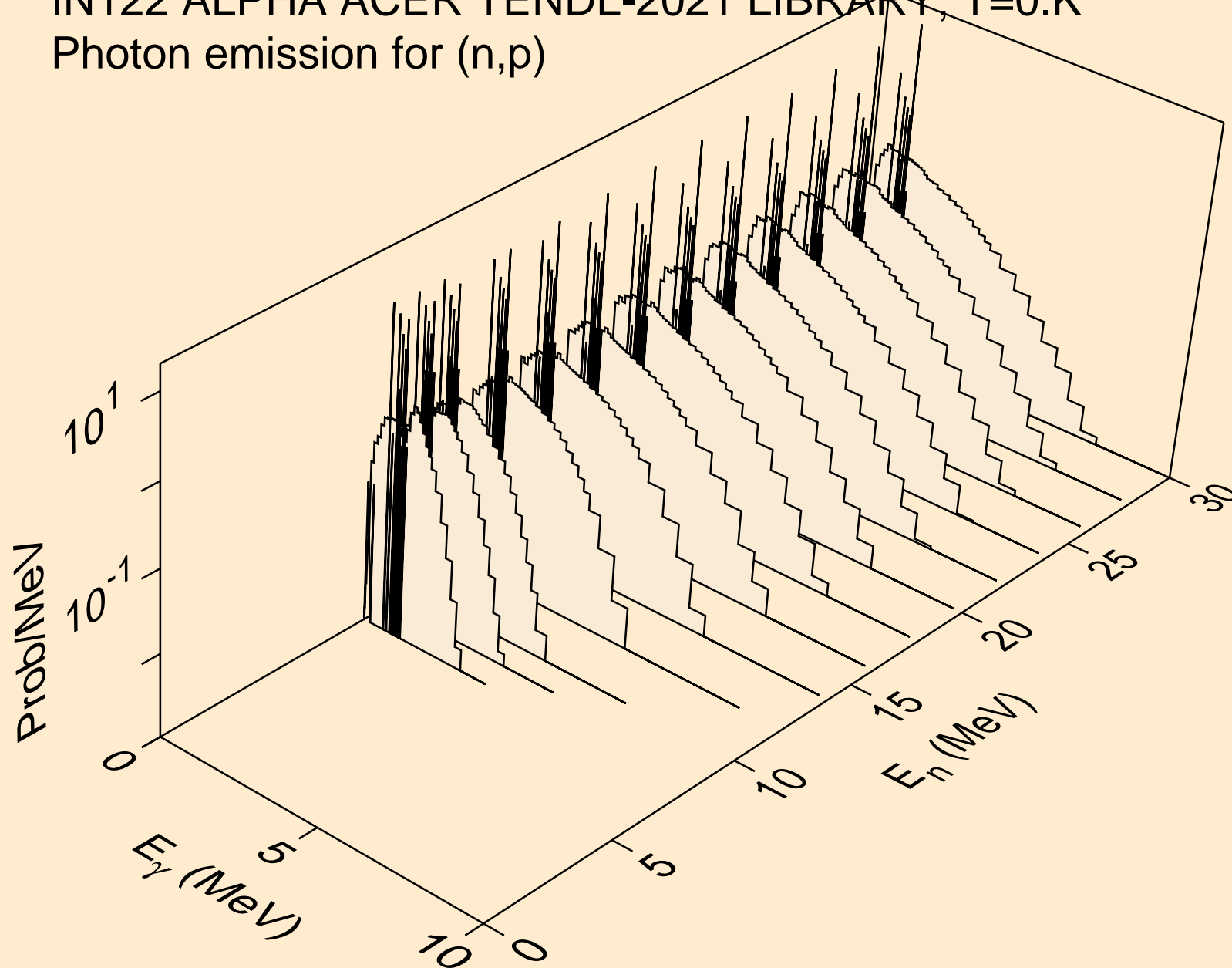


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



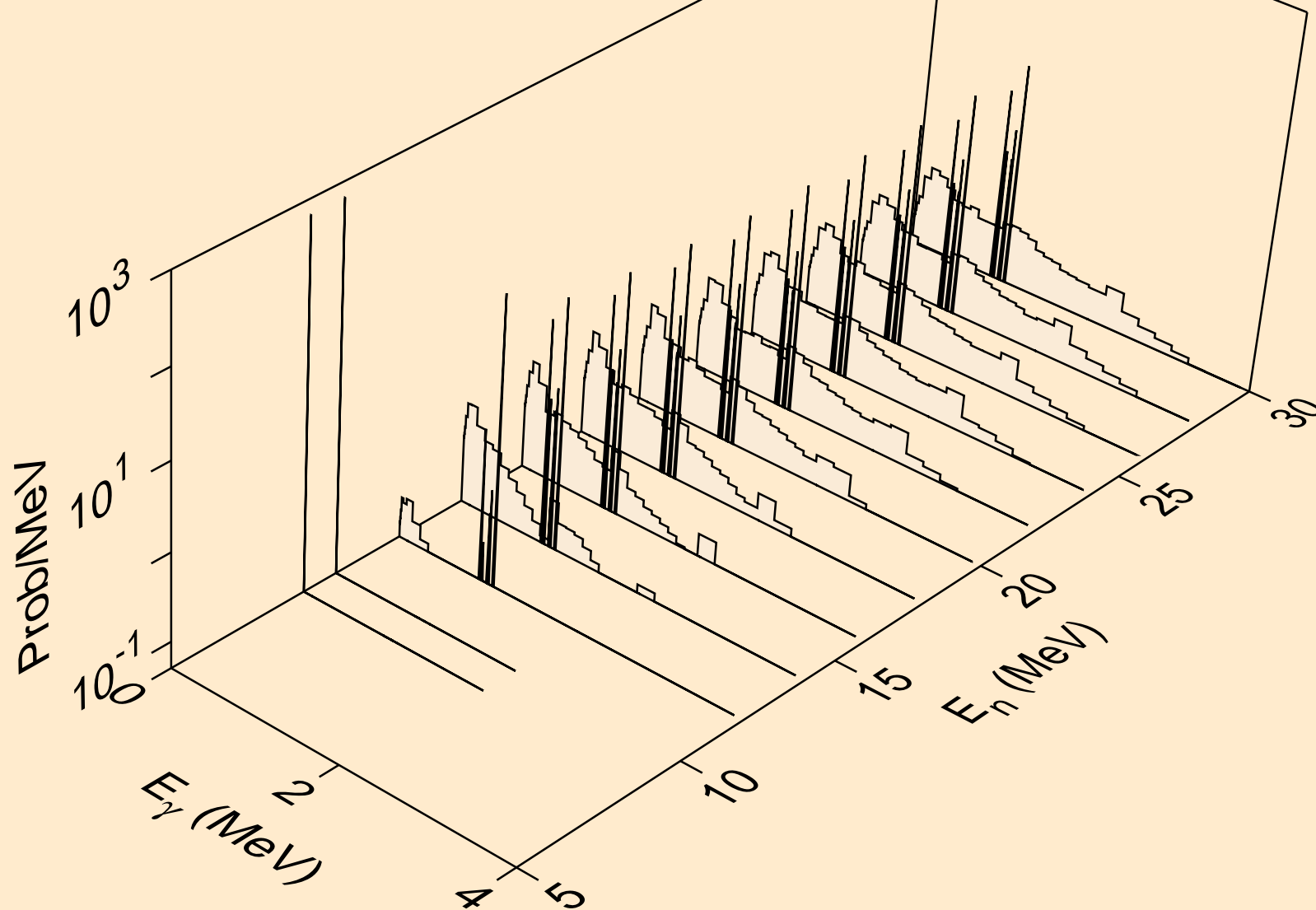
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,p)



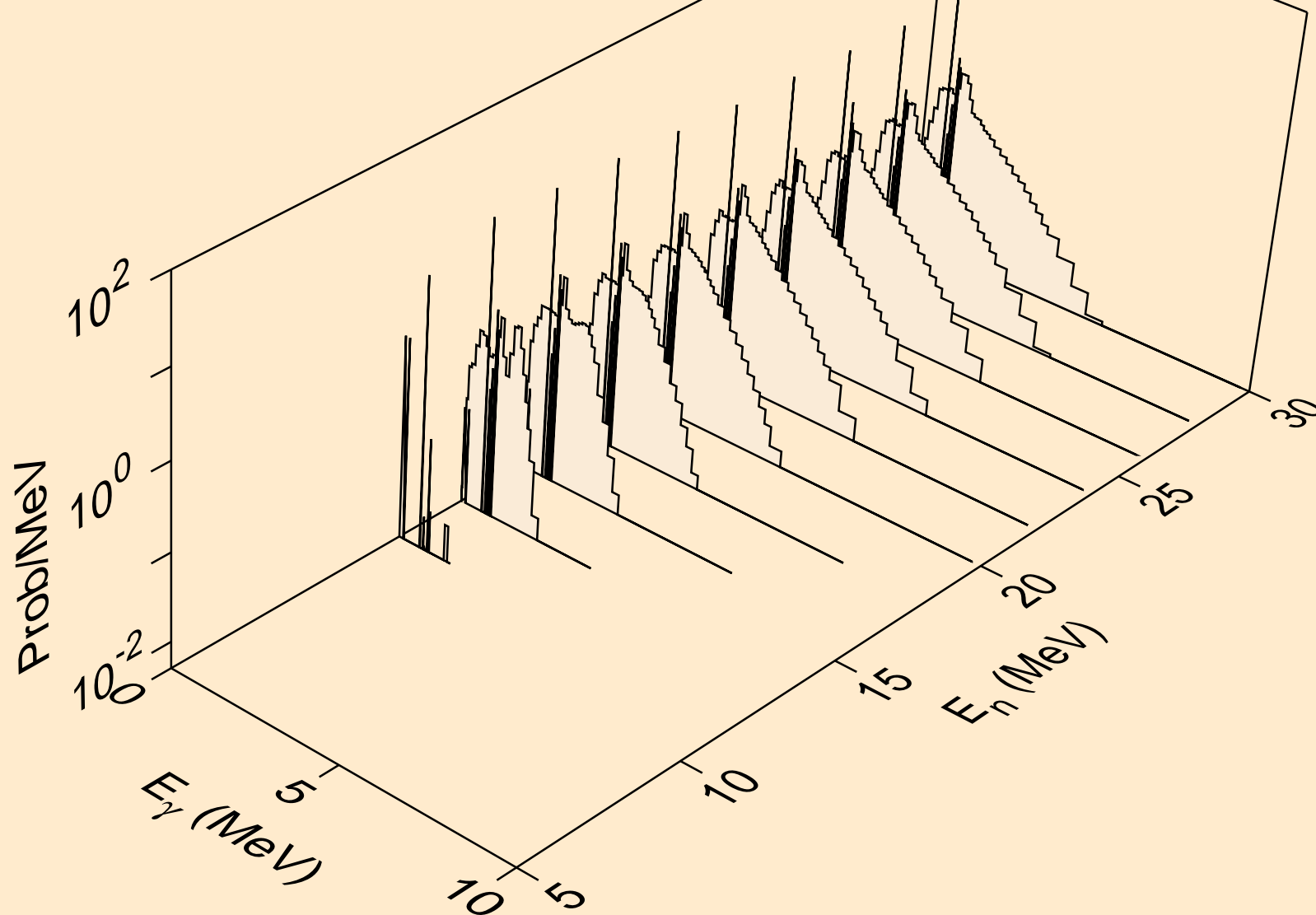


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

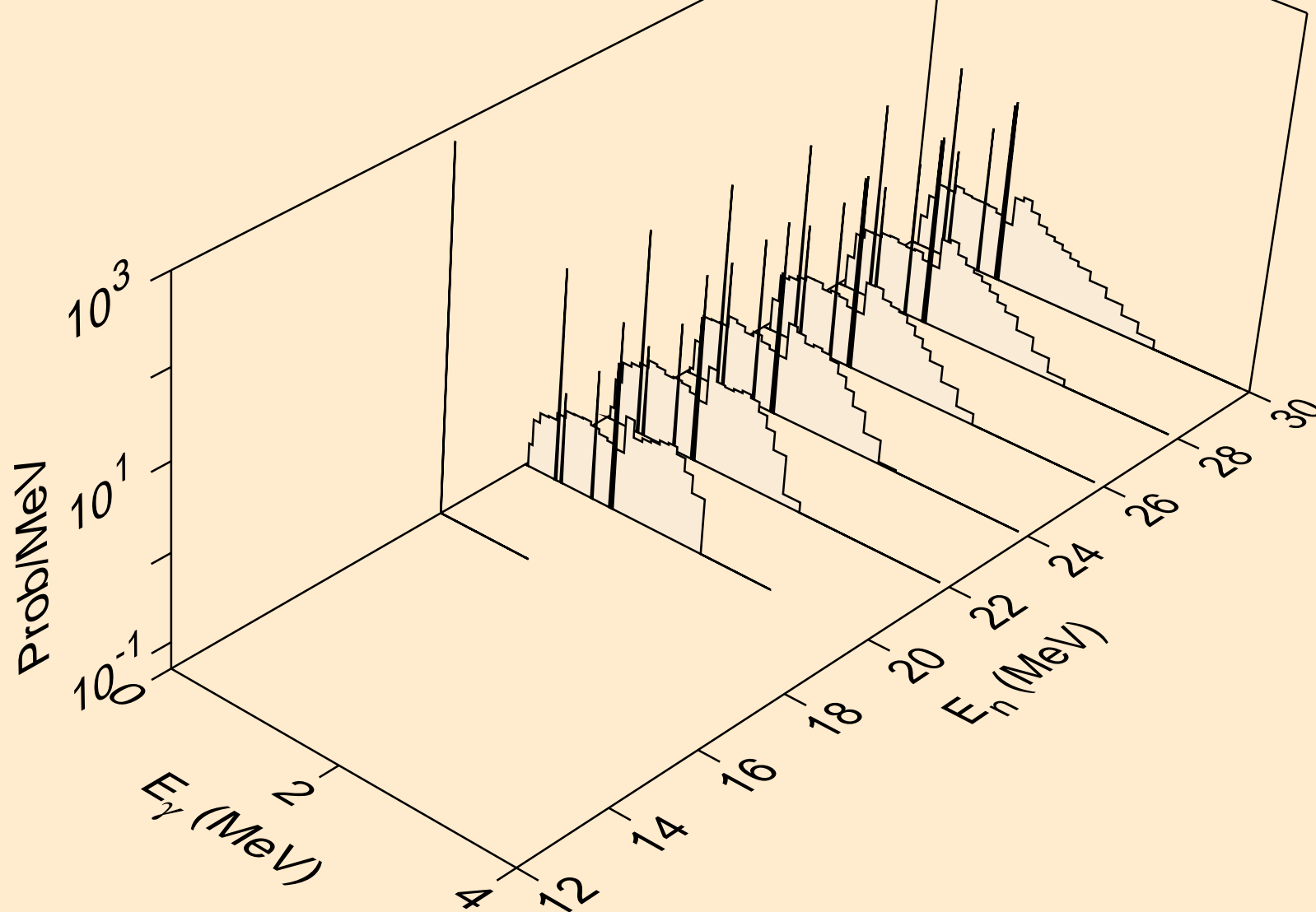


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

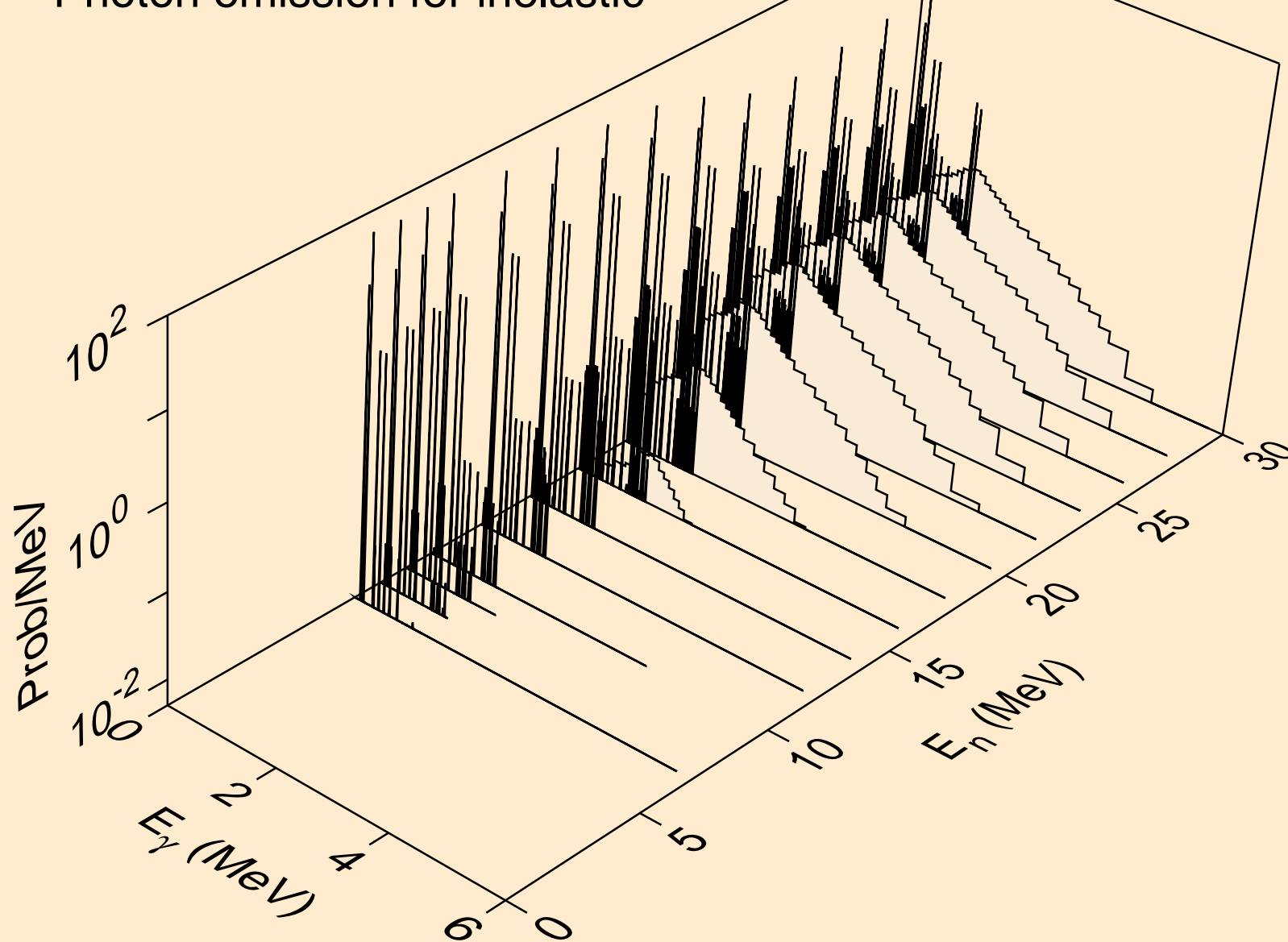
Photon emission for (n,t)



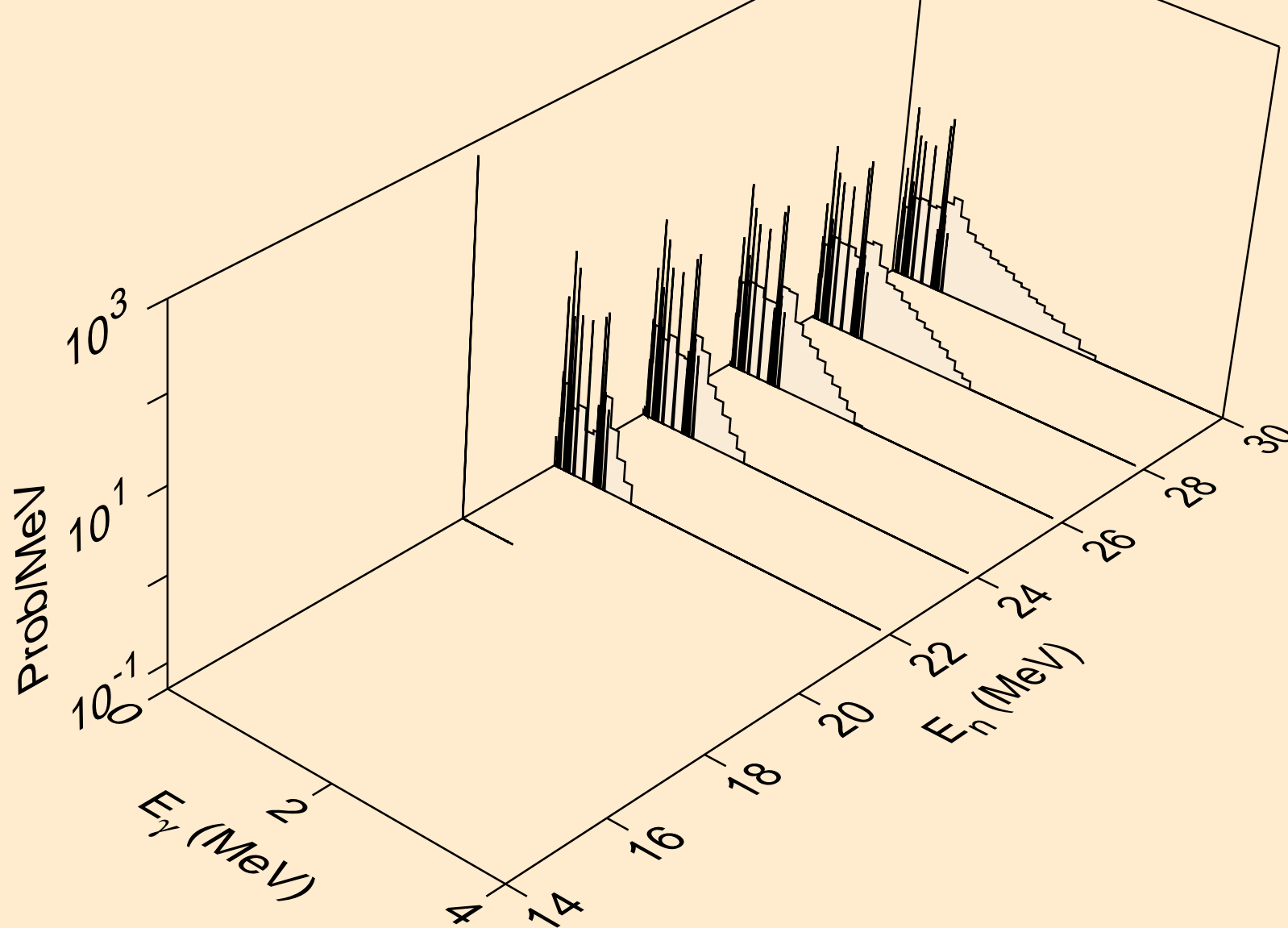
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

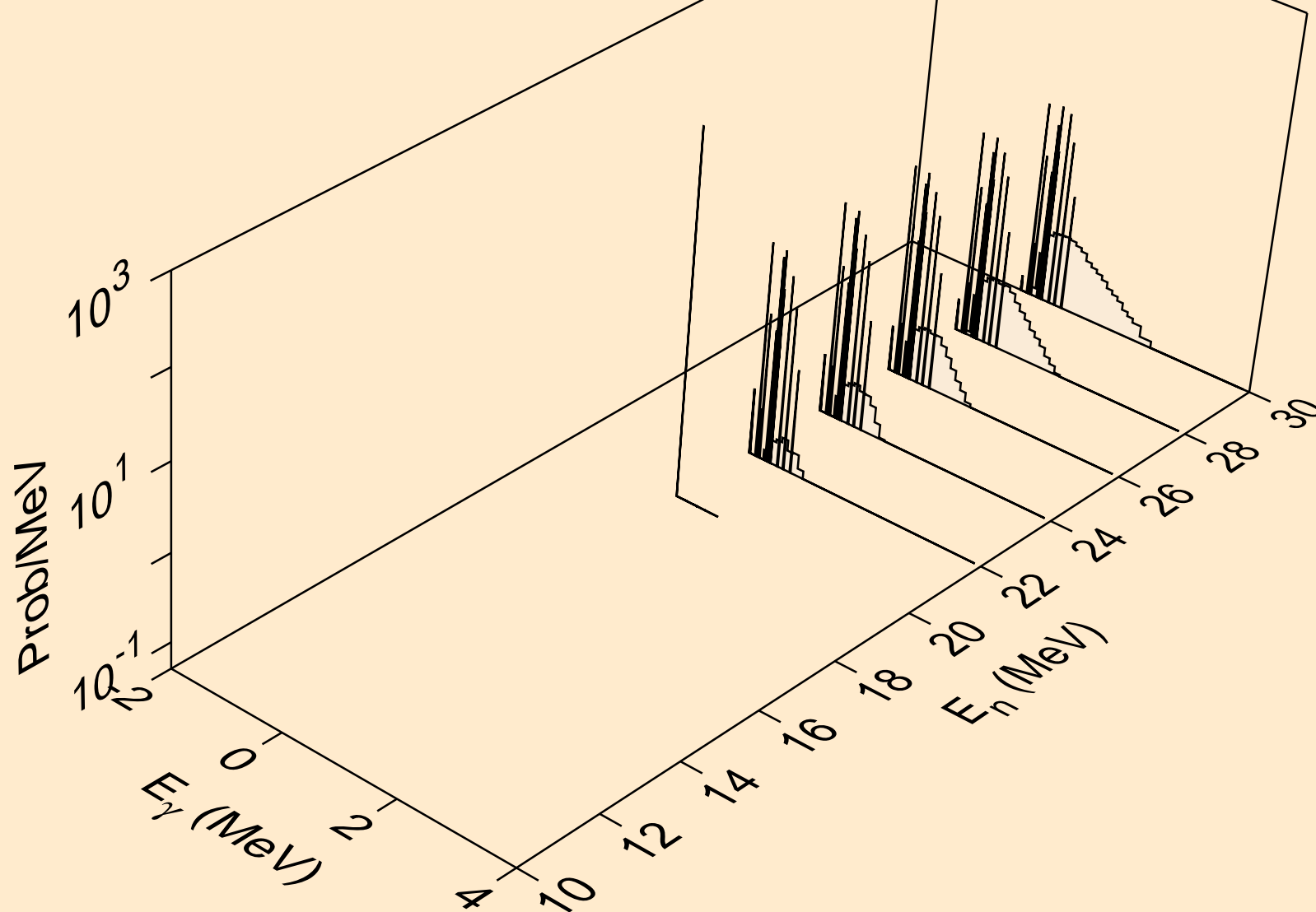


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



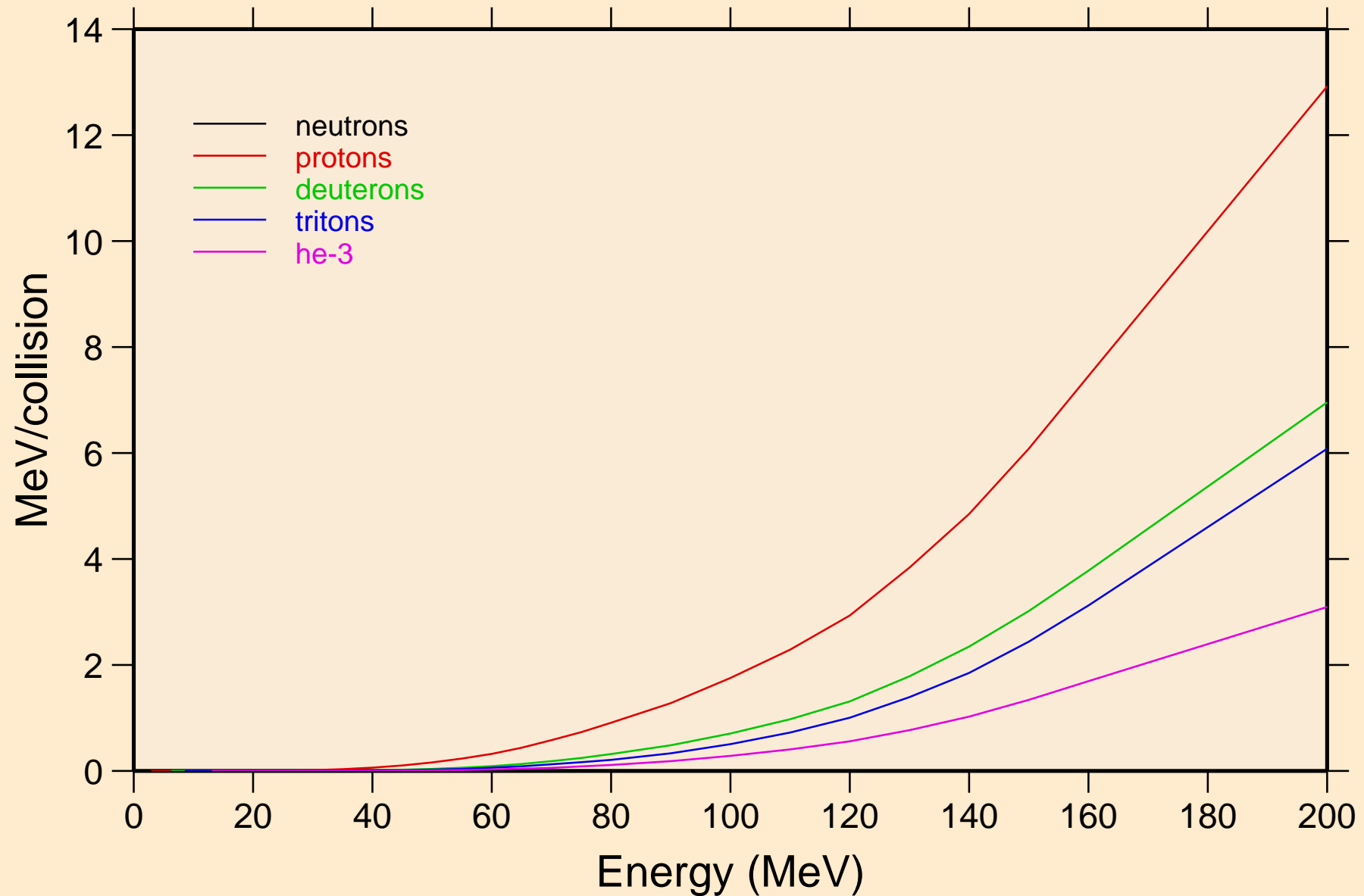
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

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



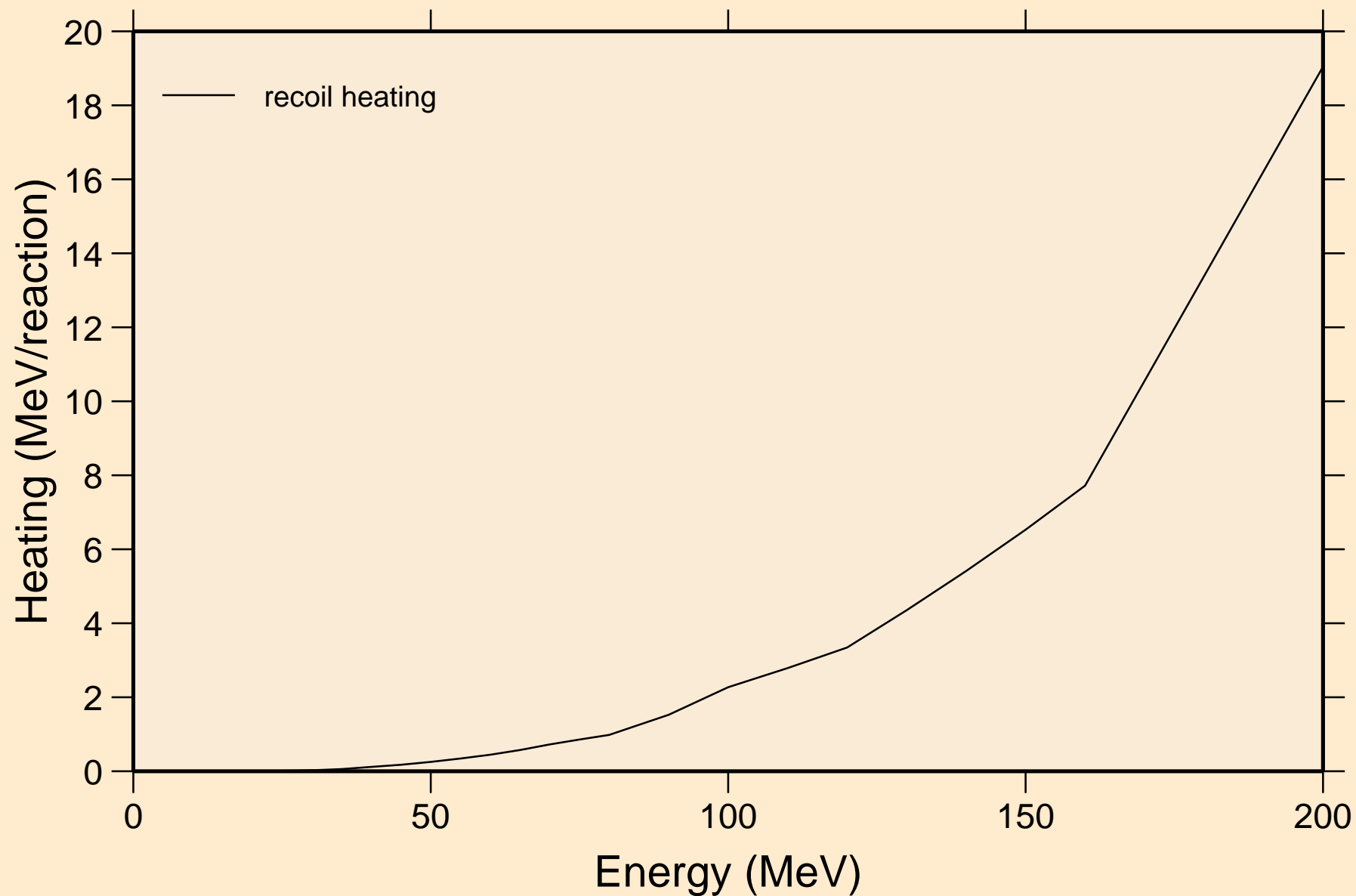
# IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

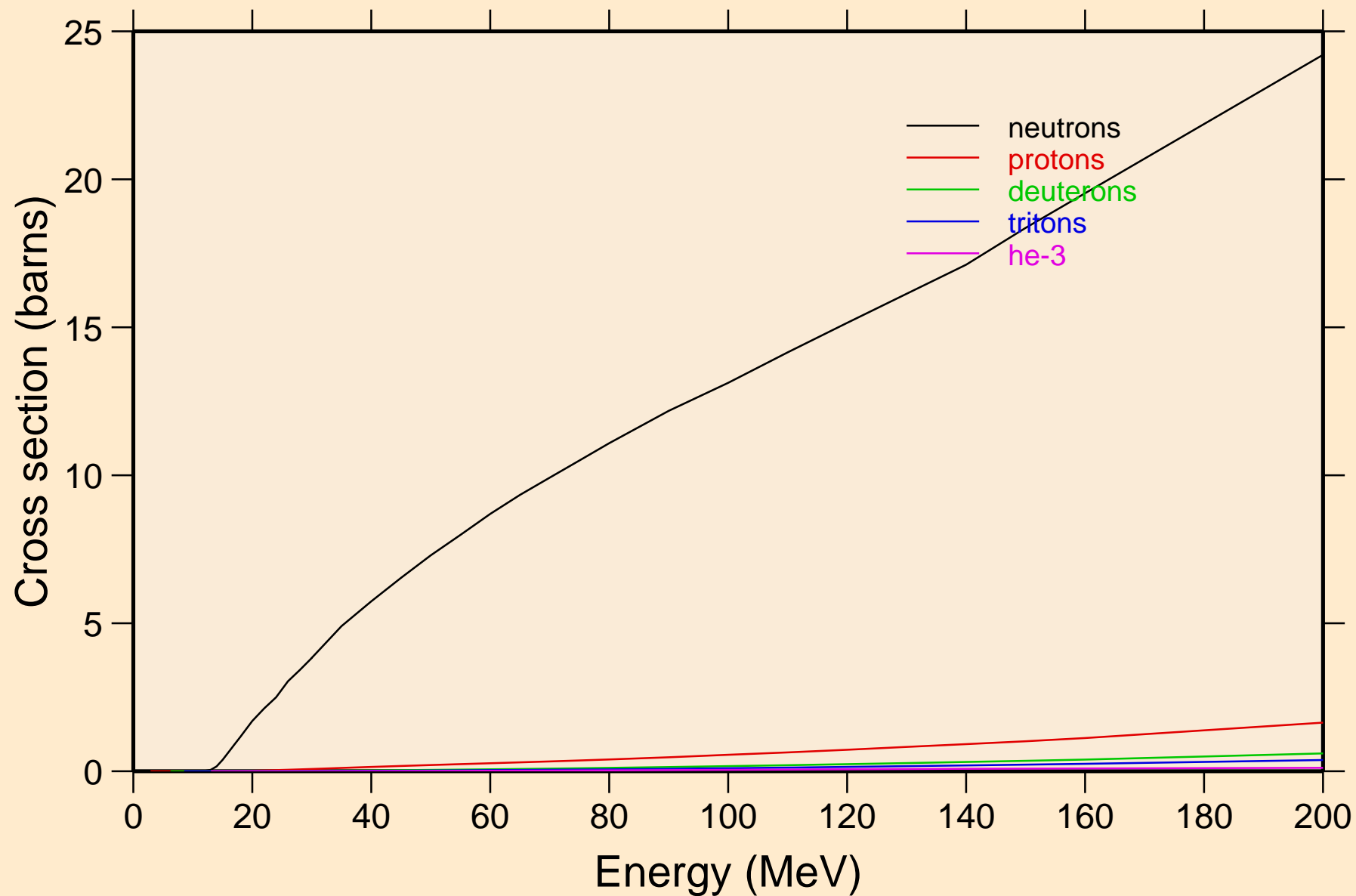
Recoil Heating



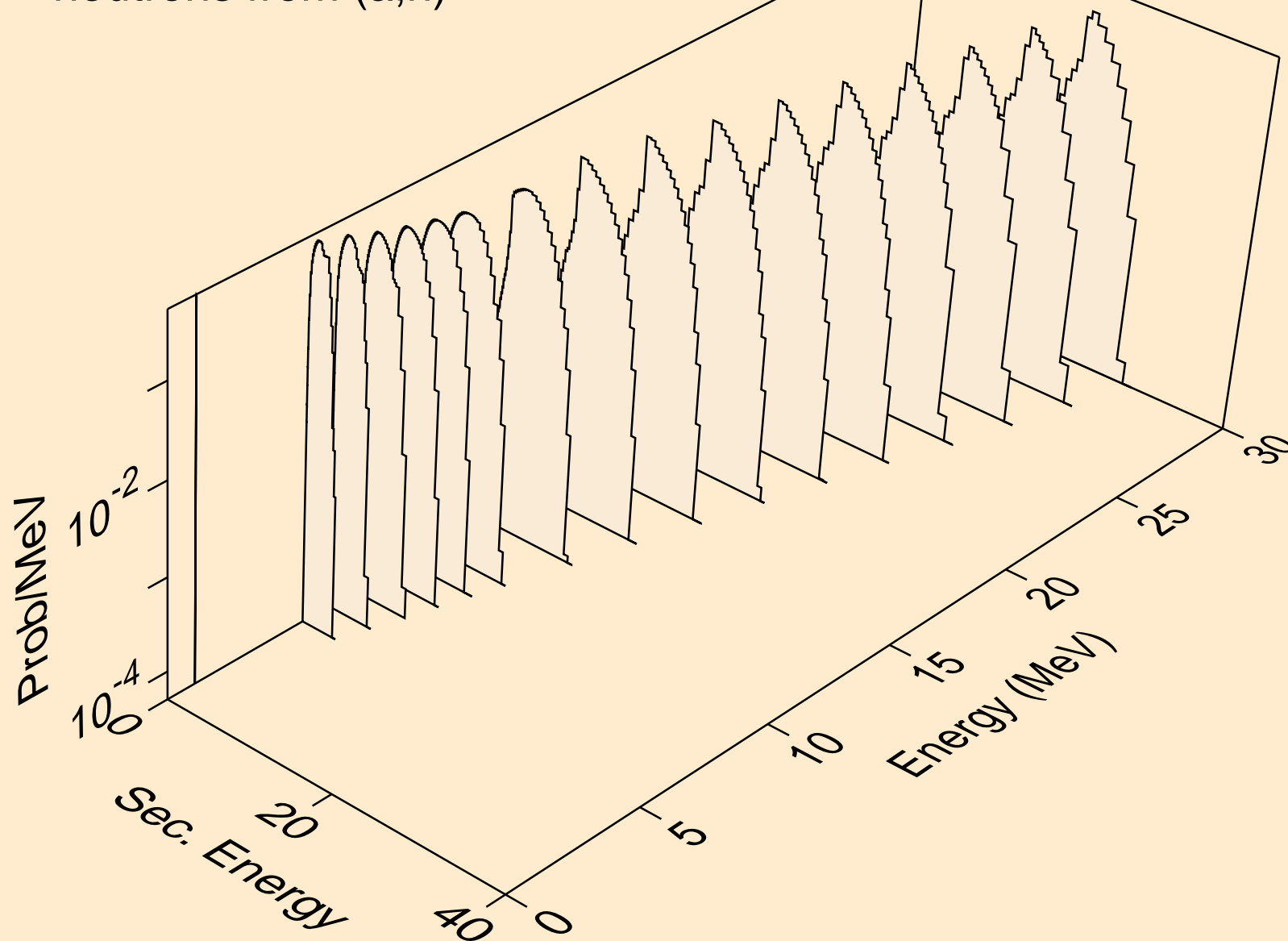


# IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

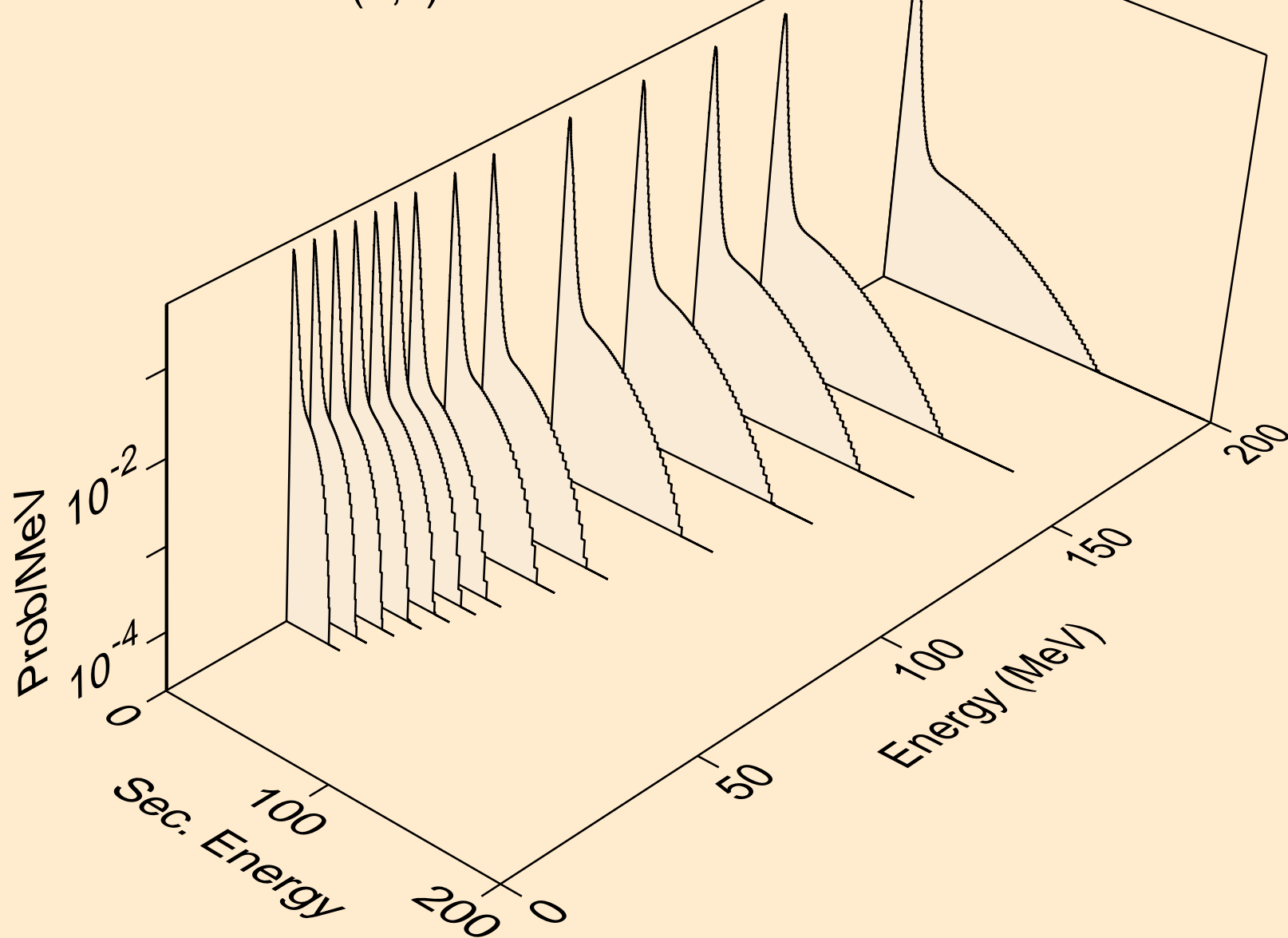
## Particle production cross sections



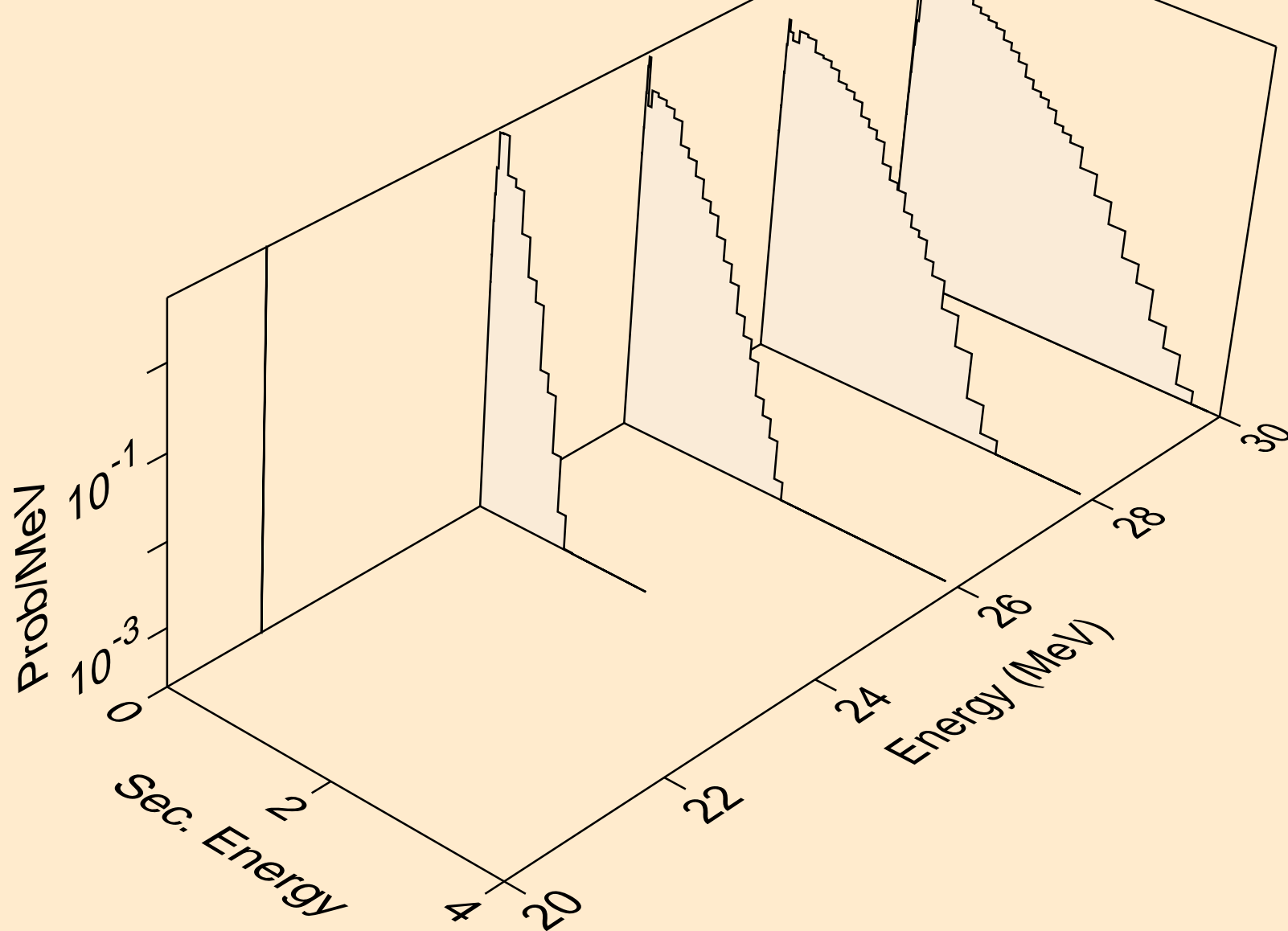
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



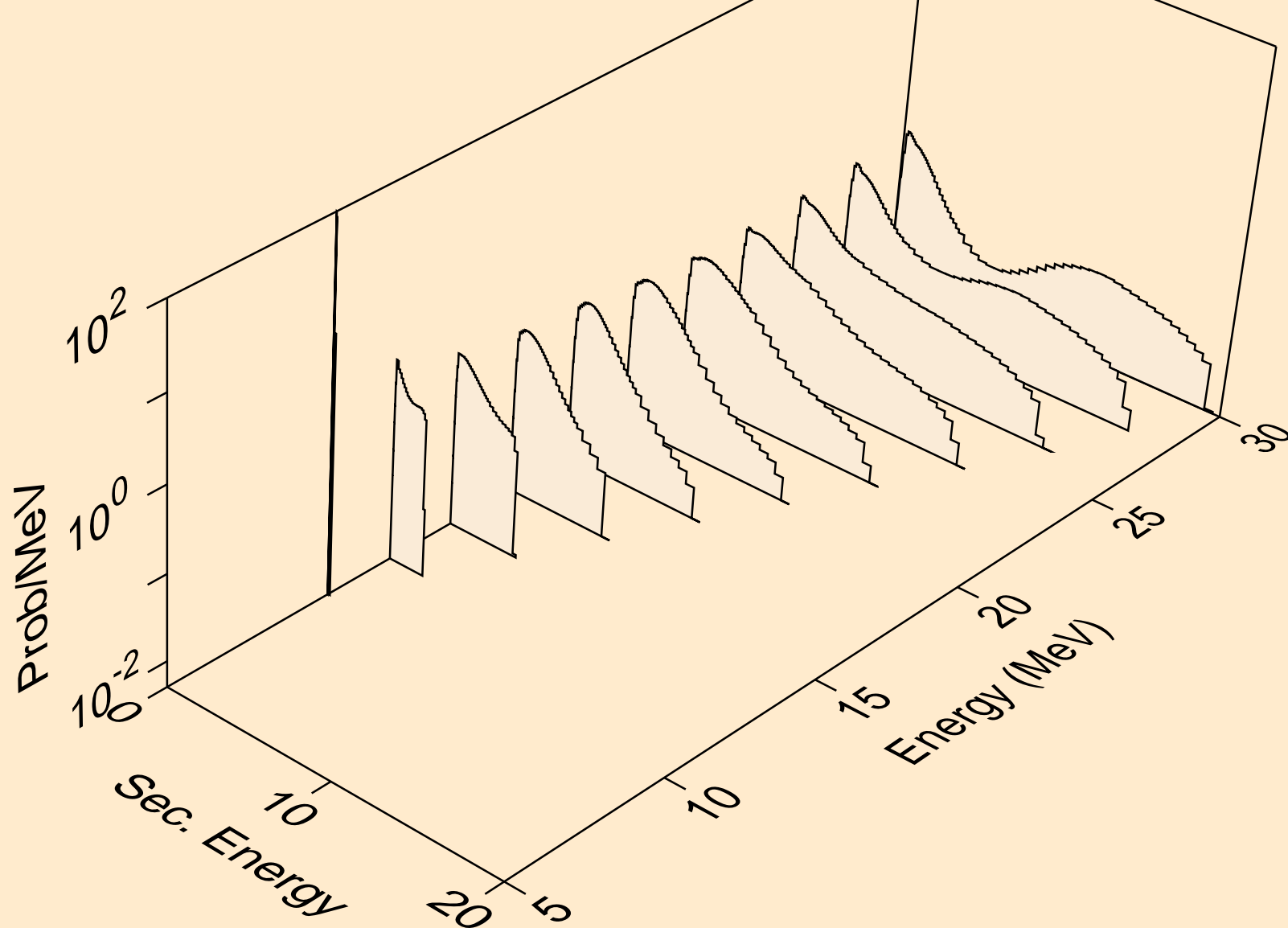
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



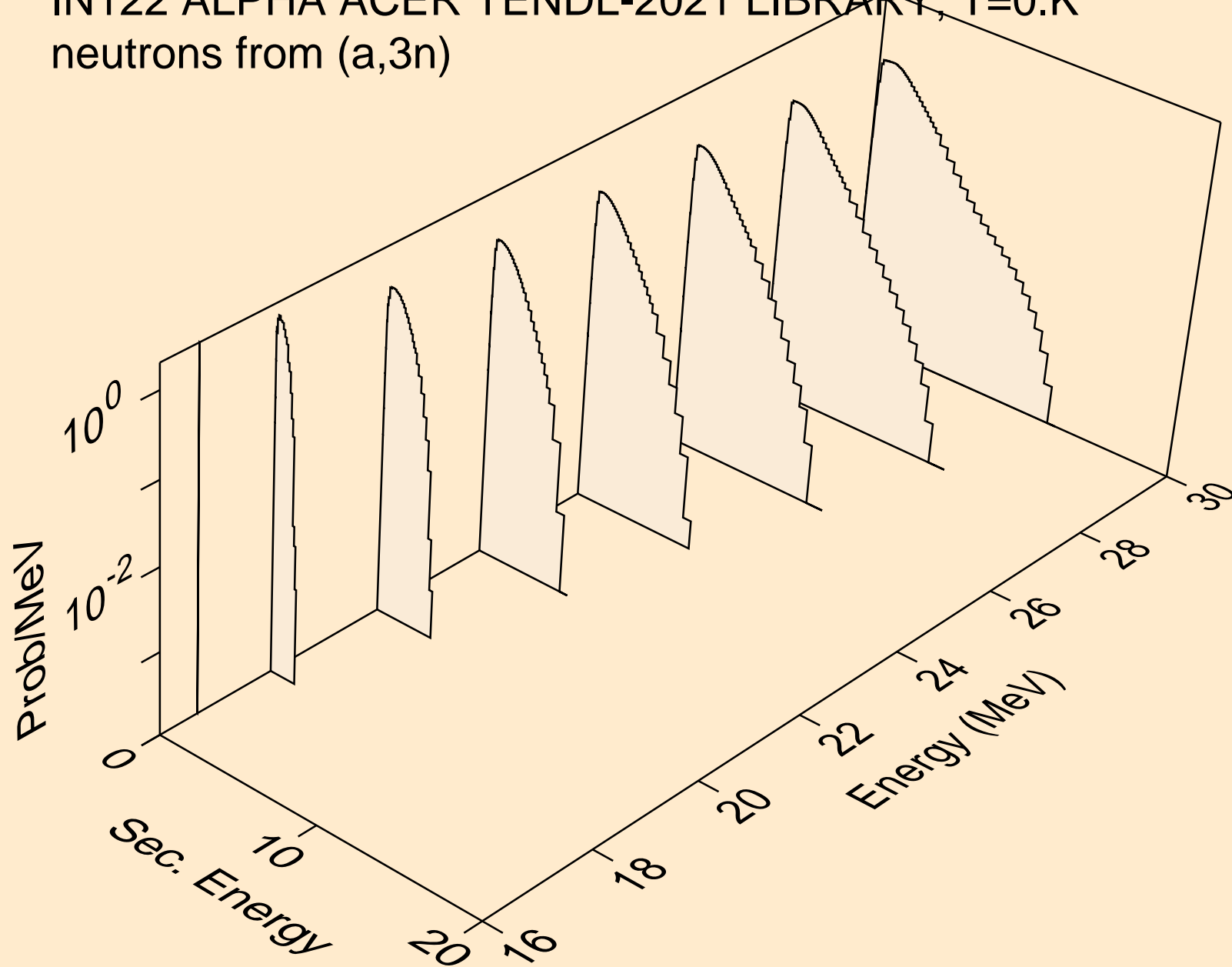
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2nd)



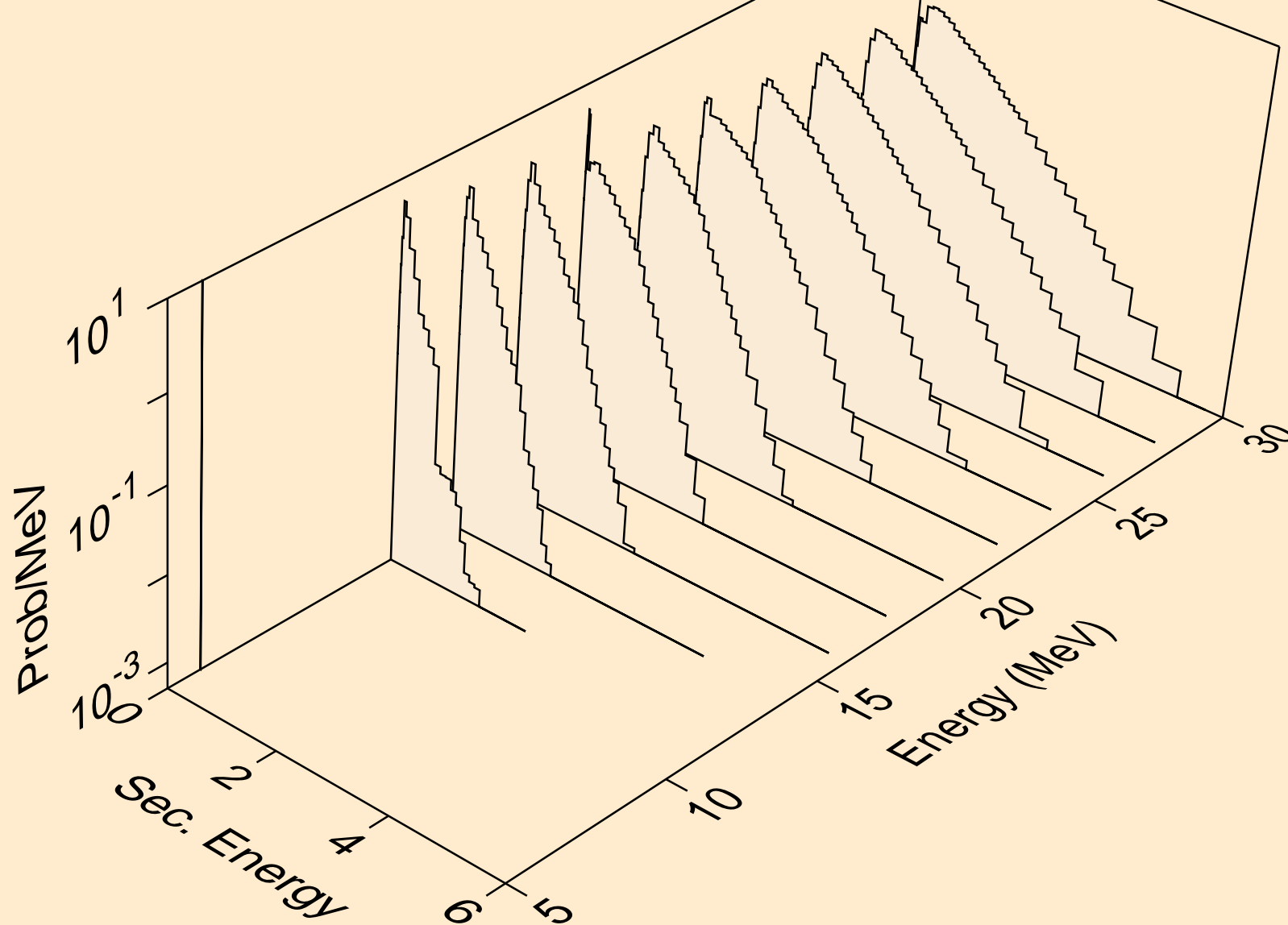
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



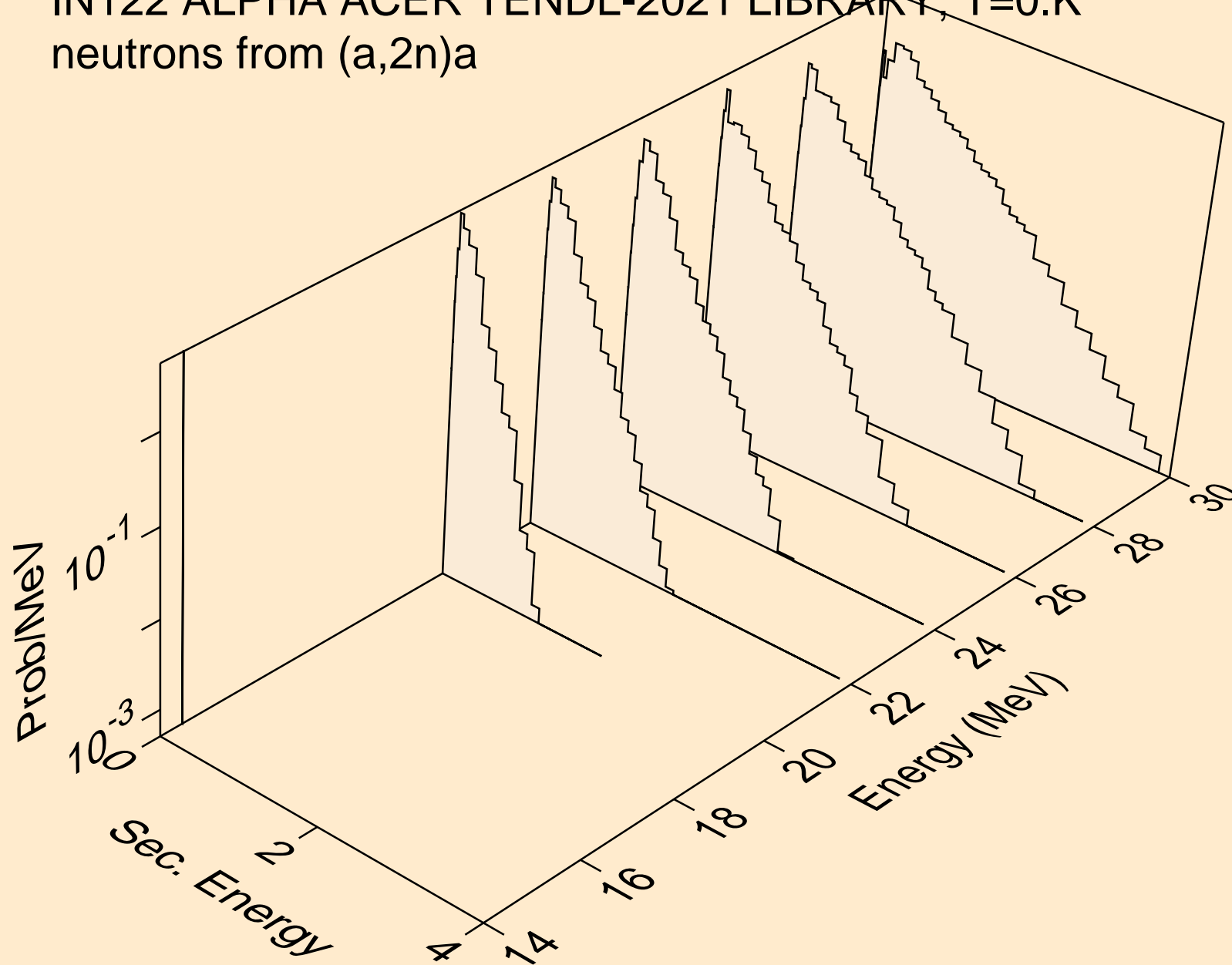
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a

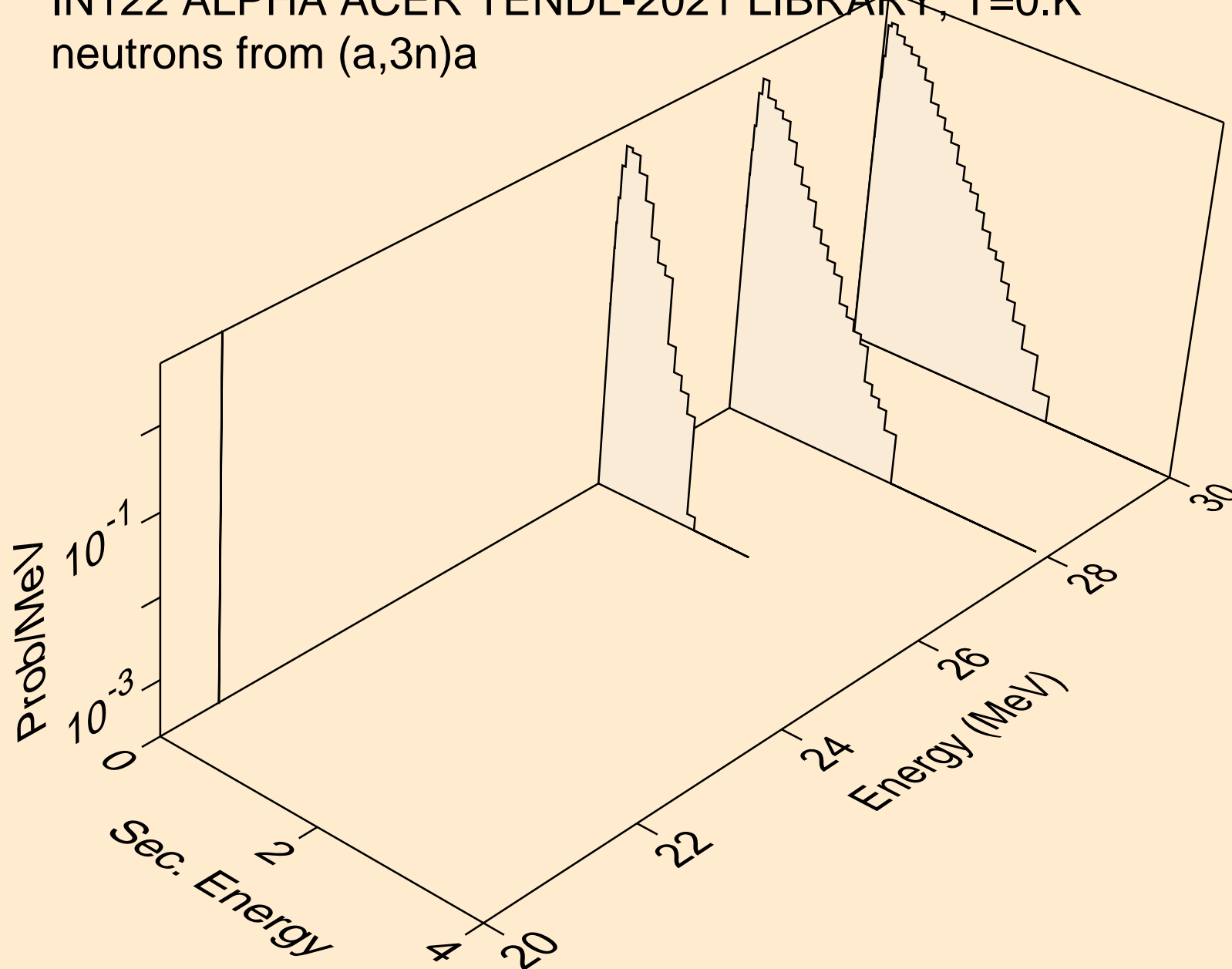


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a

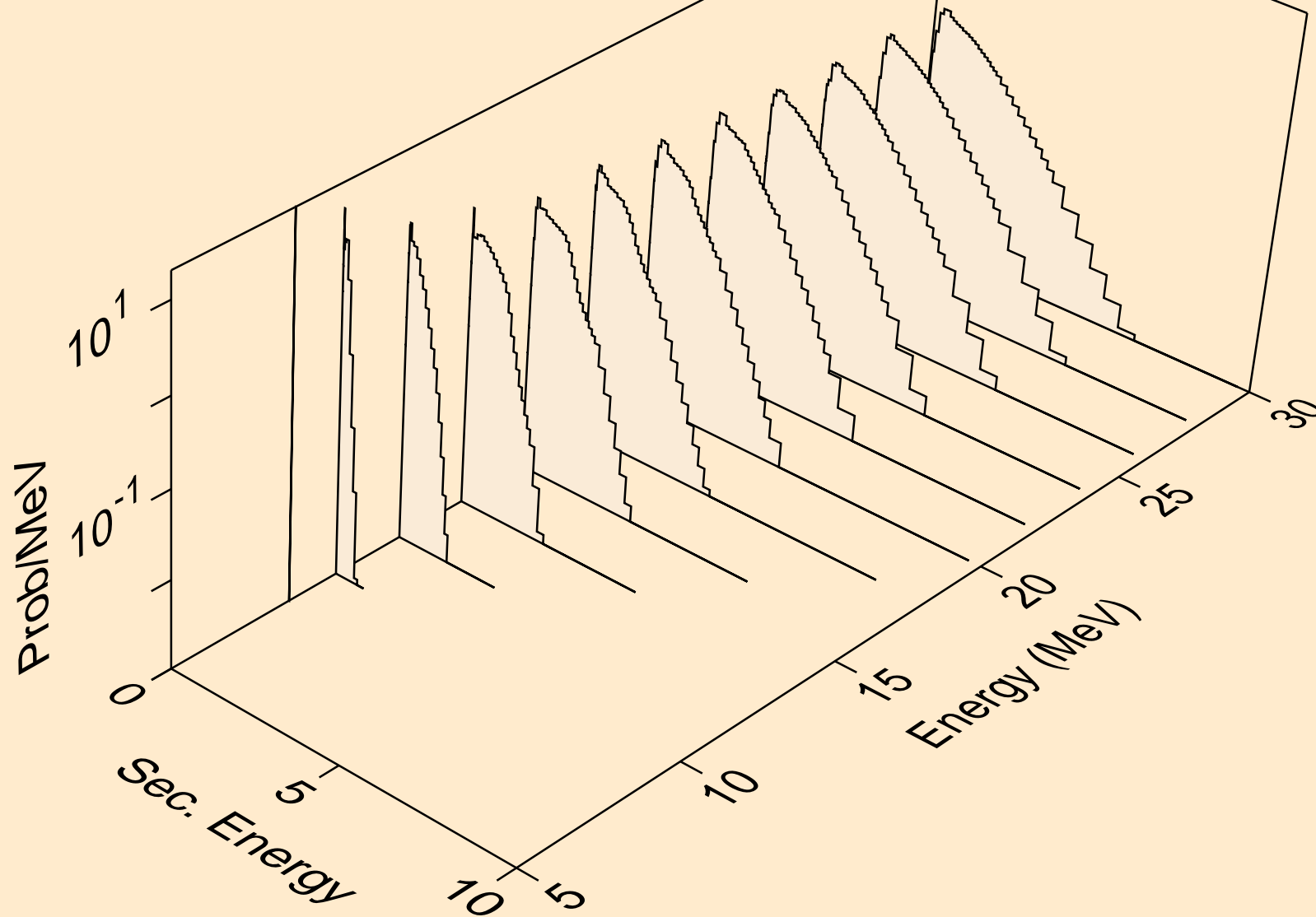




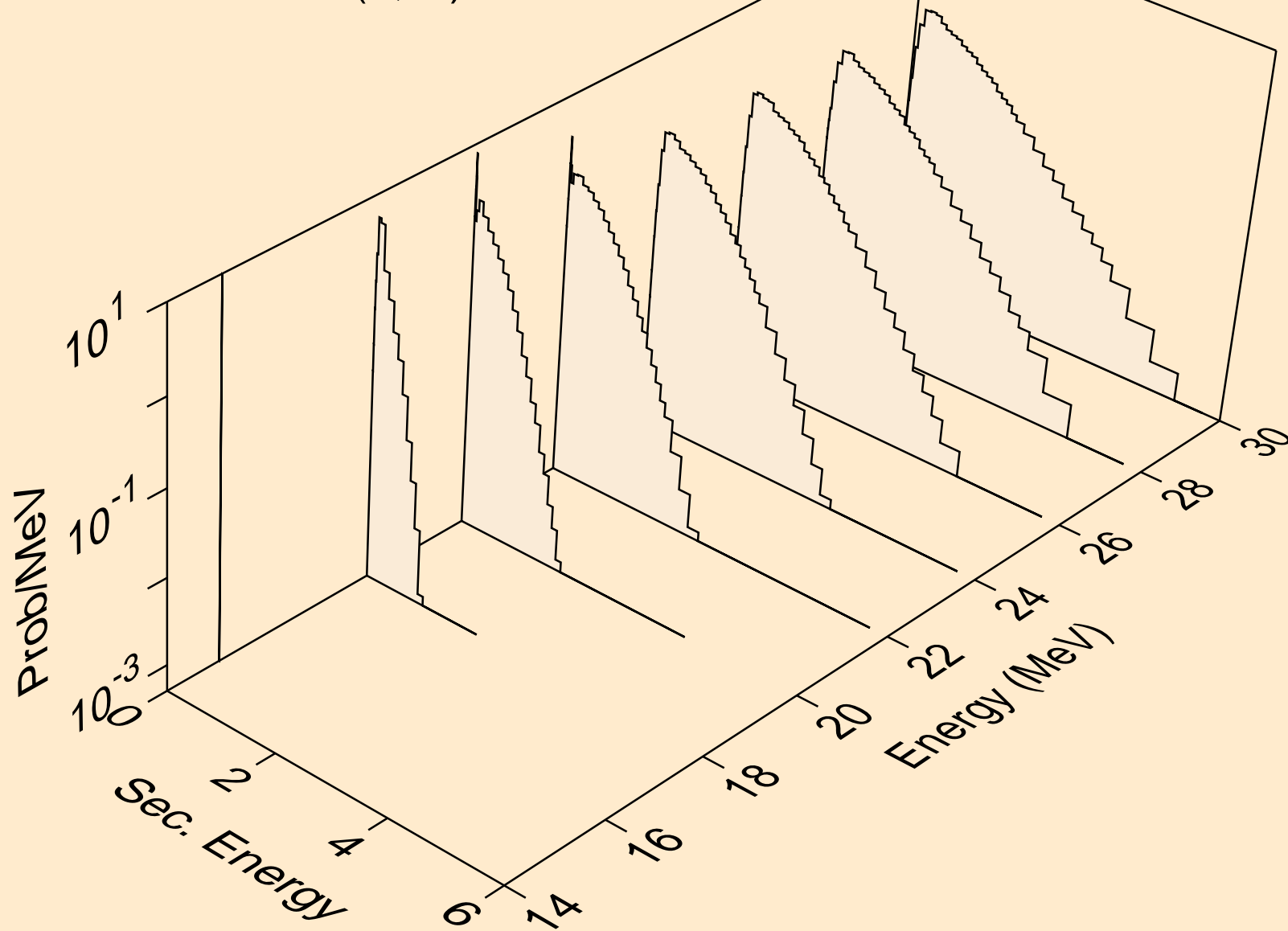
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)a



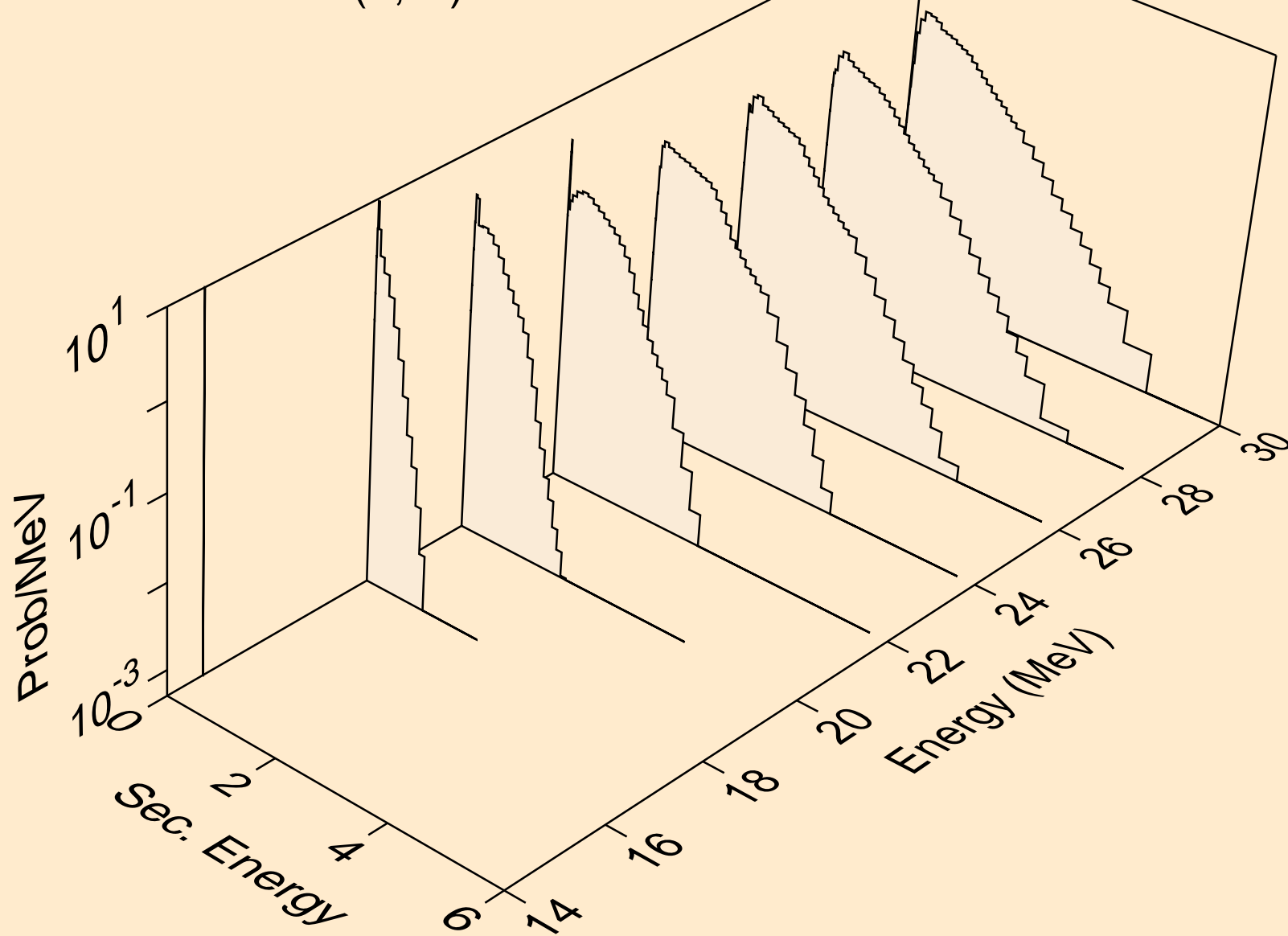
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



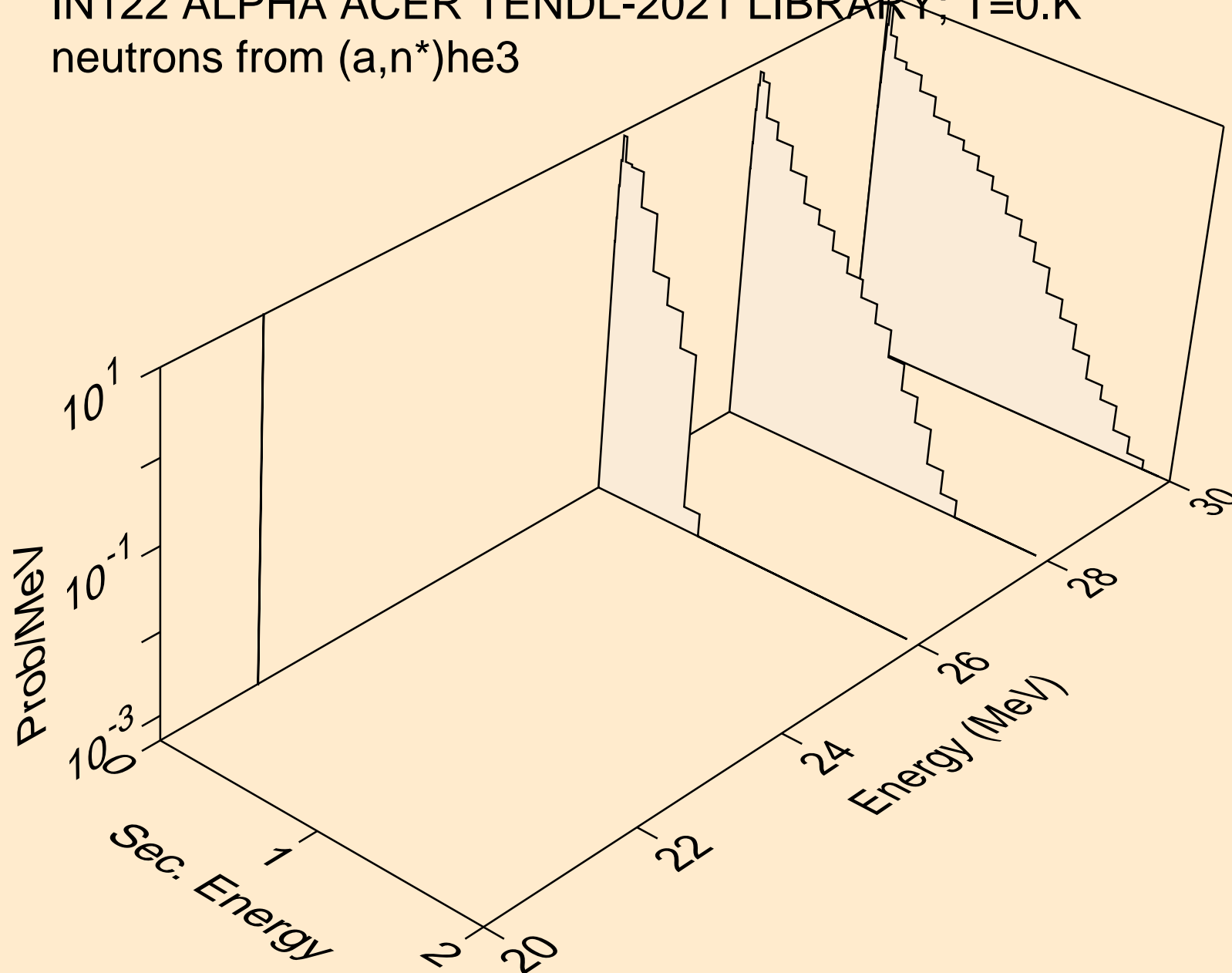
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



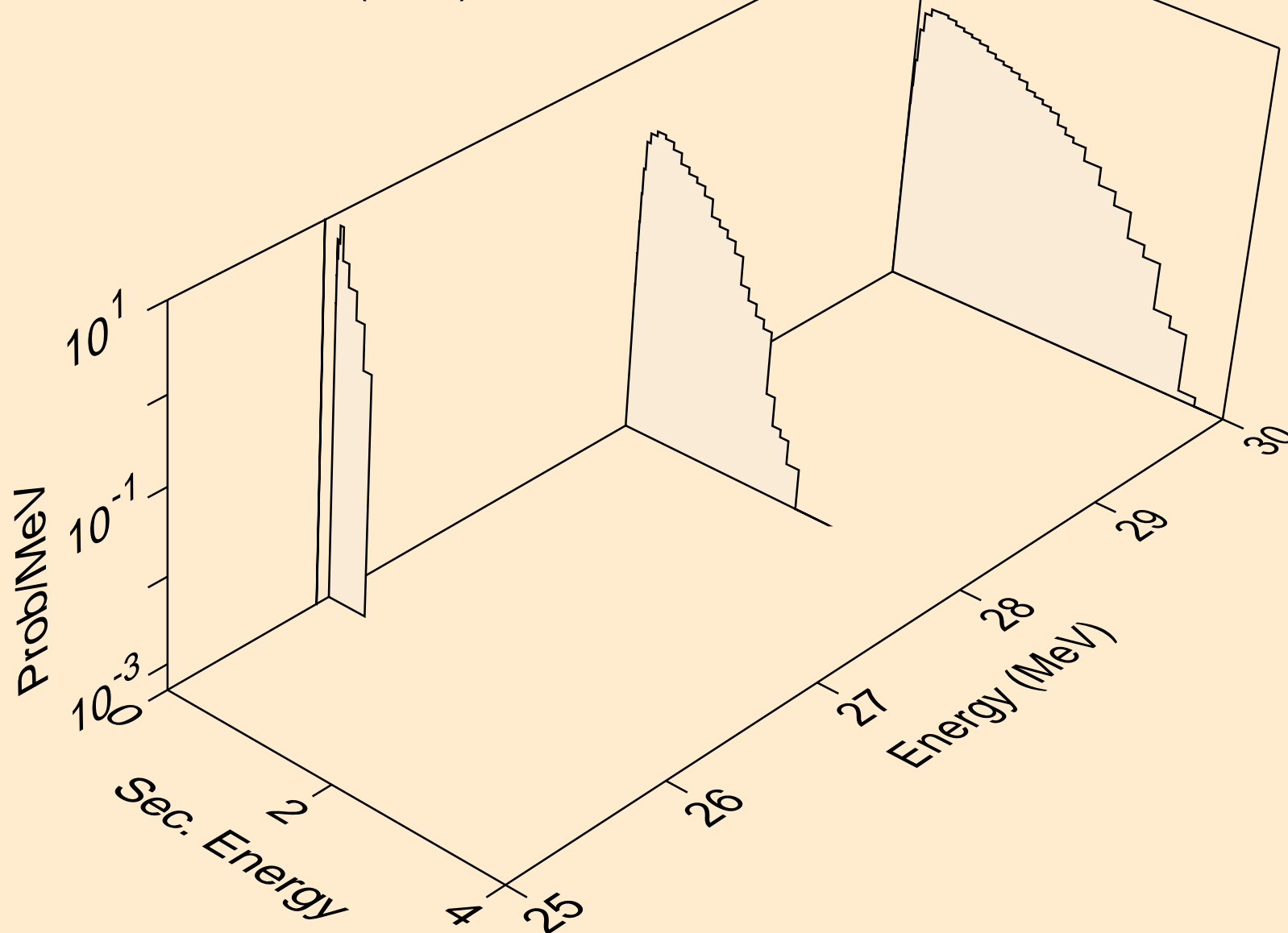
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t



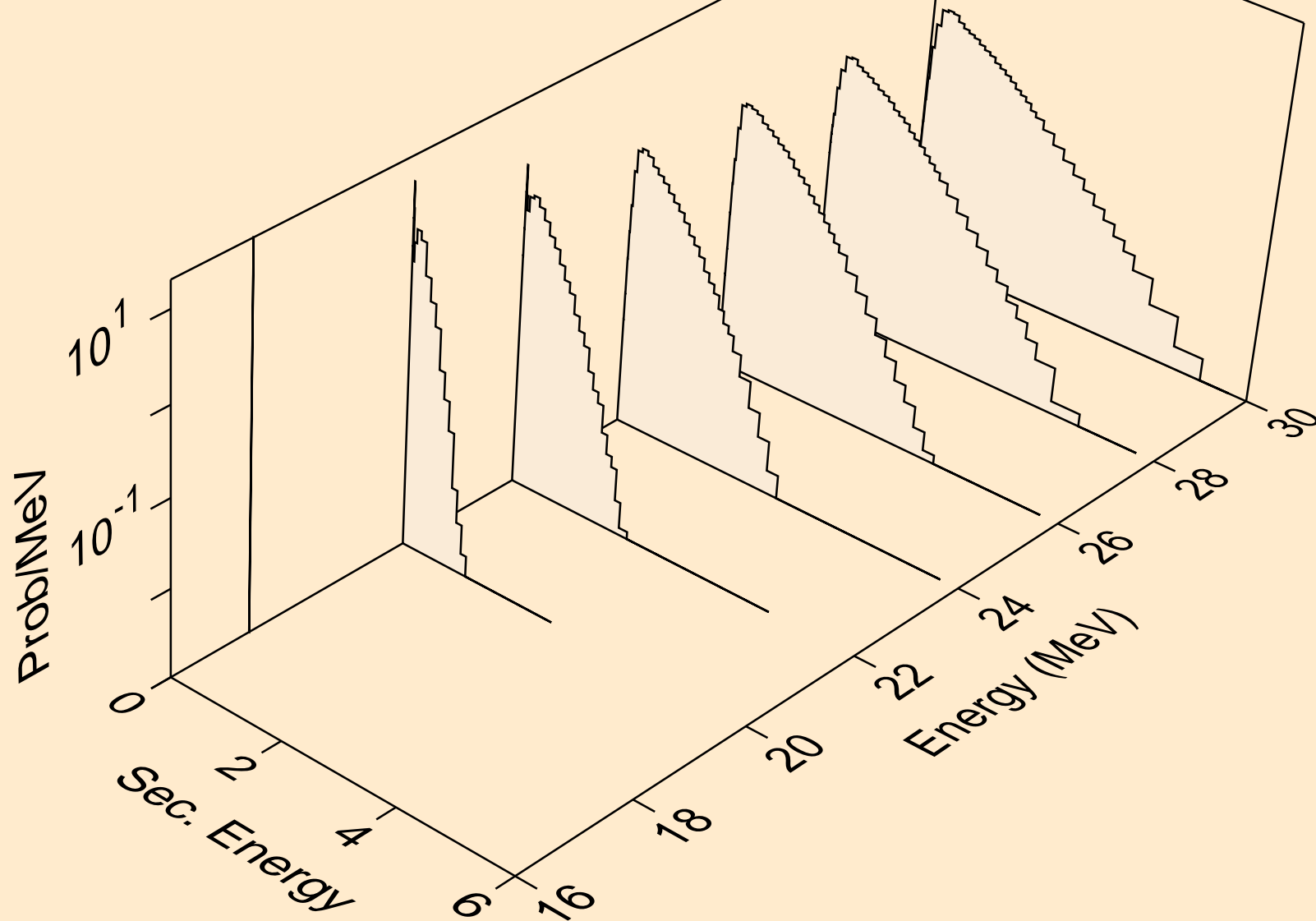
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



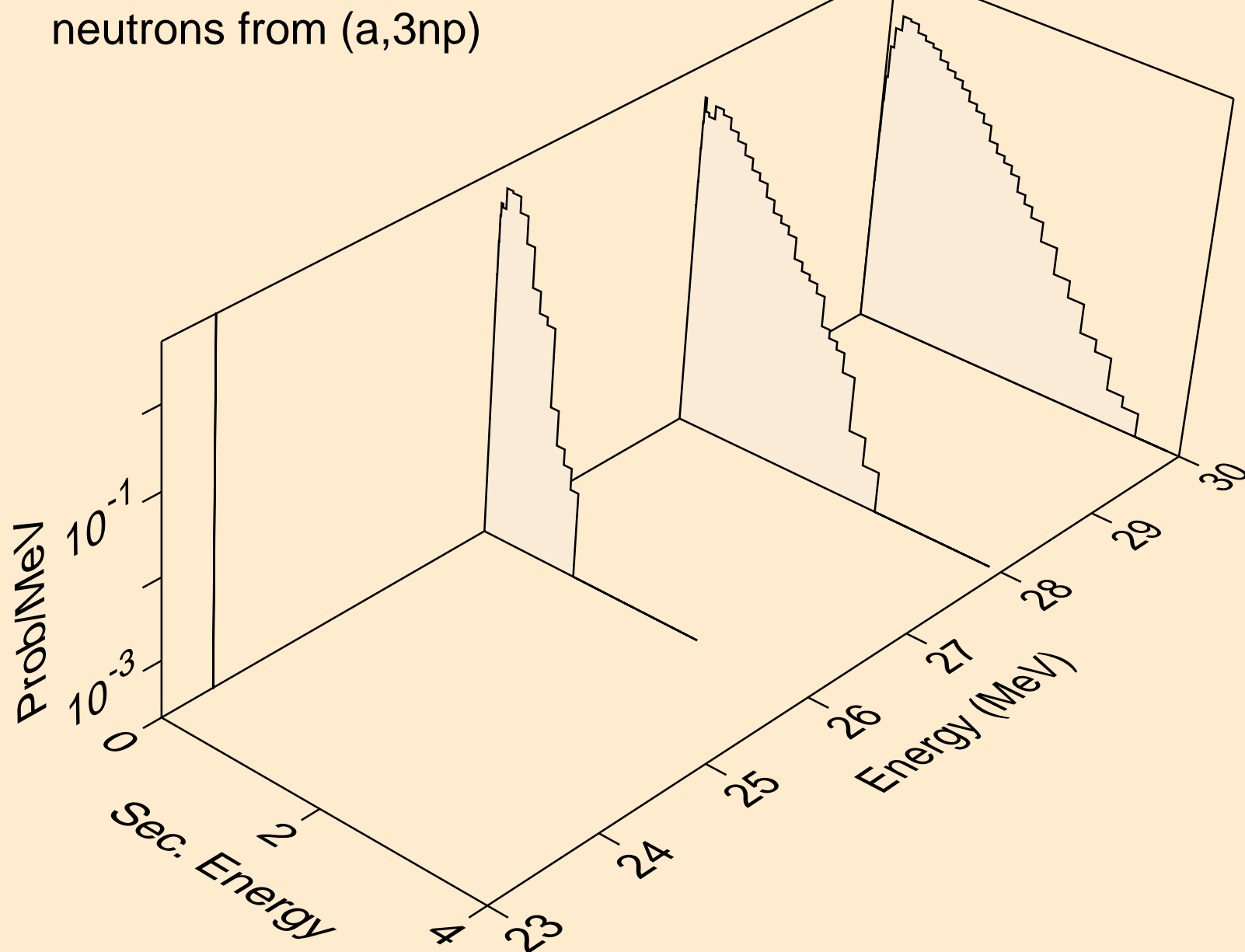
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,4n)



IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)

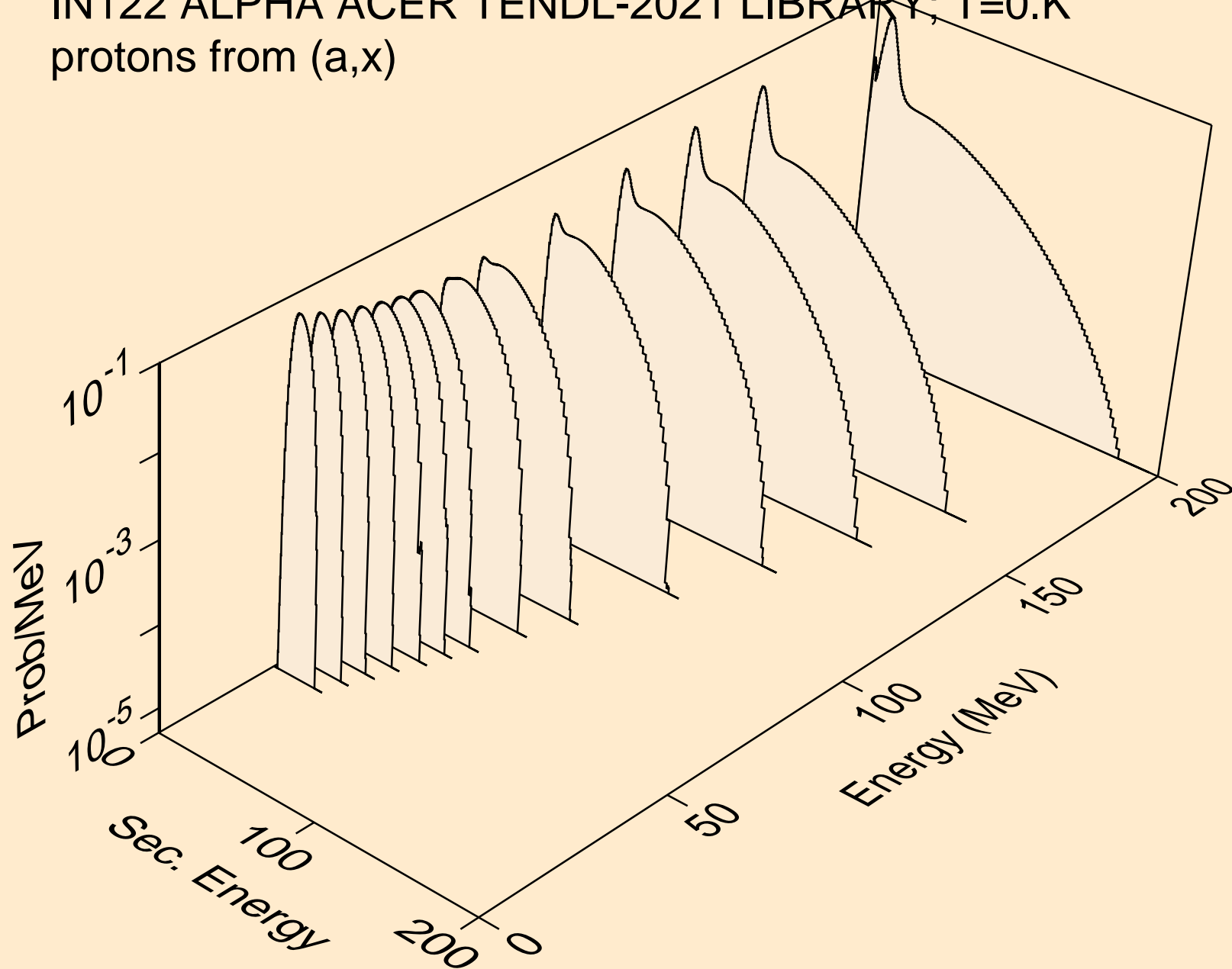


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3np)

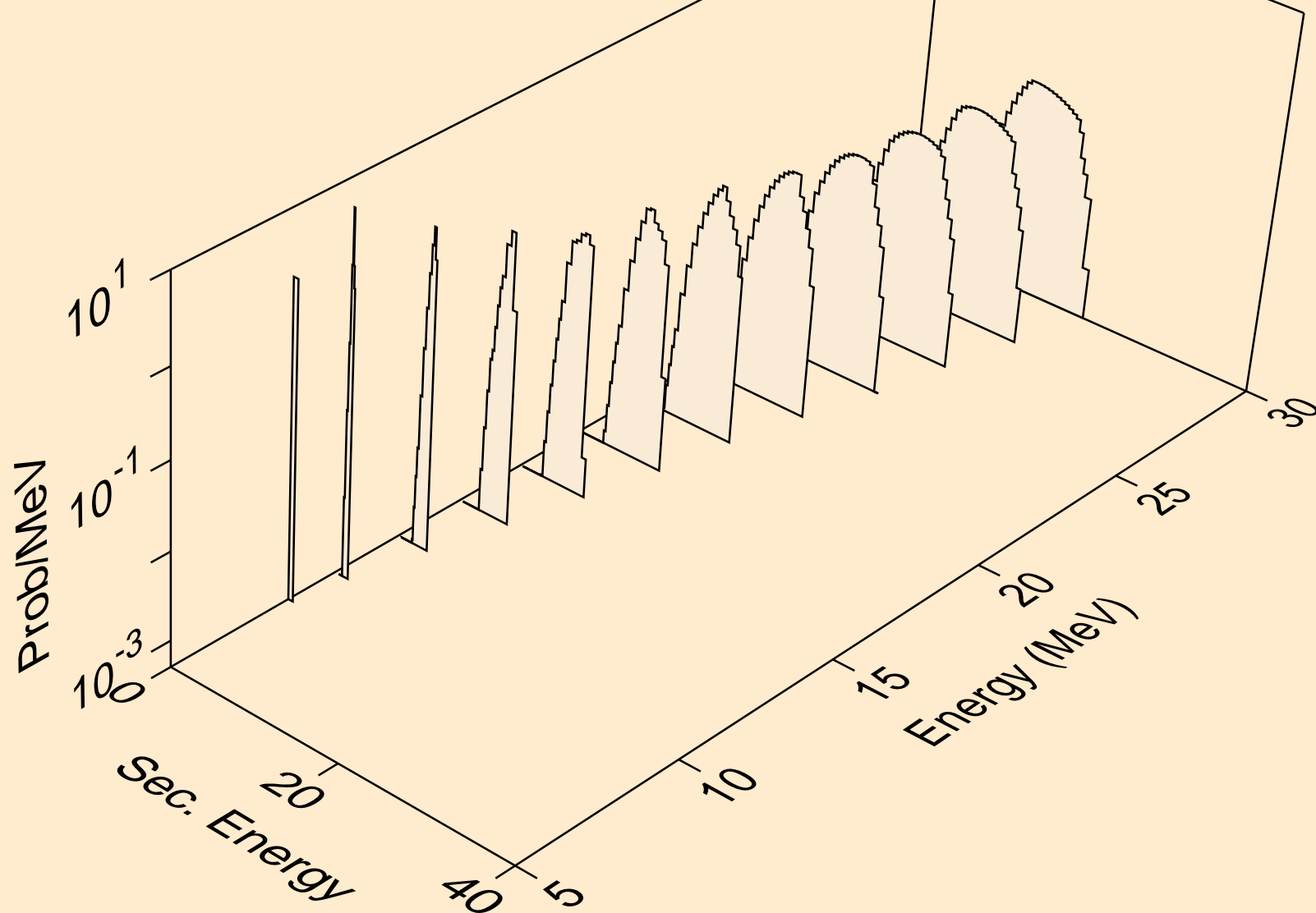




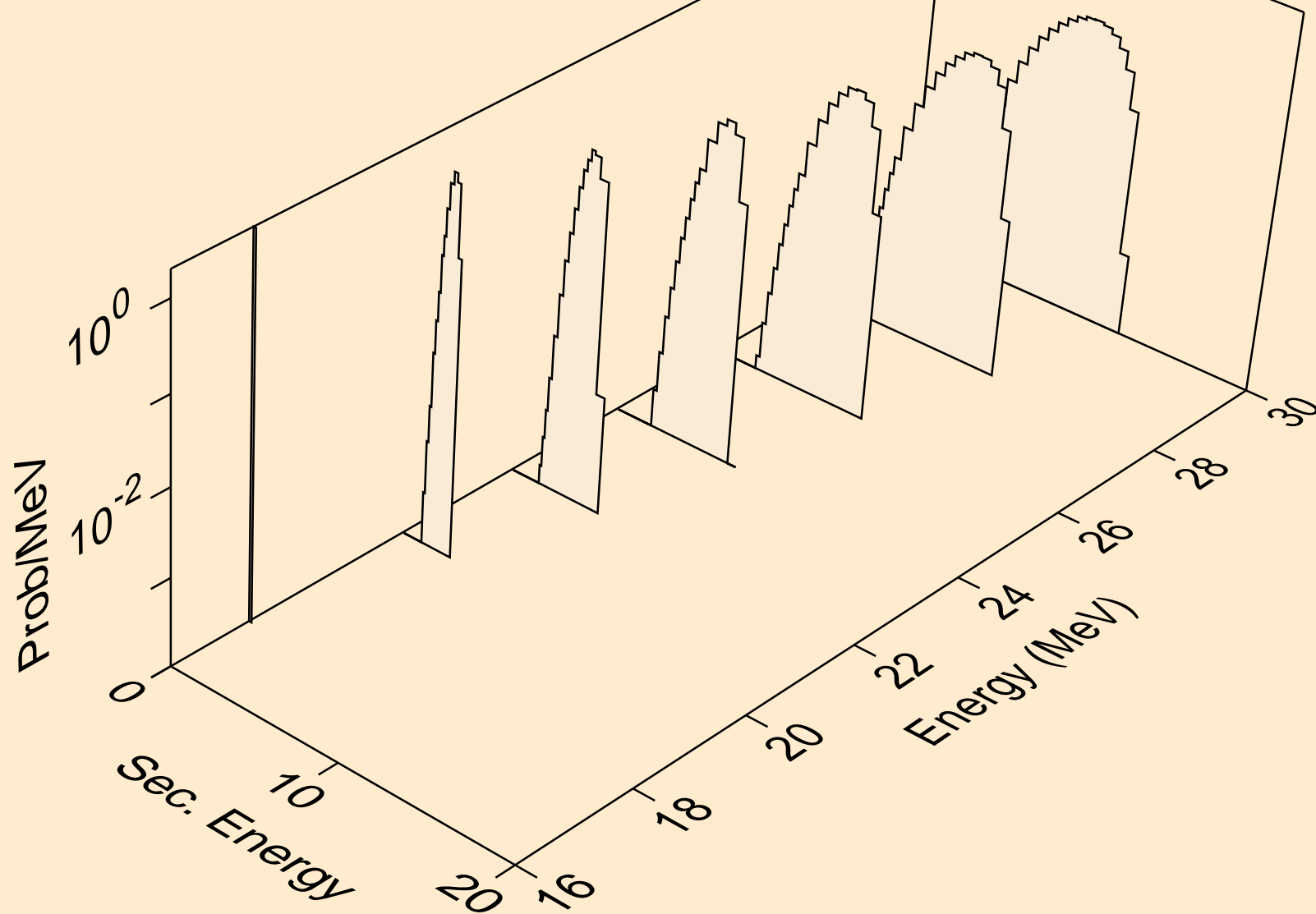
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



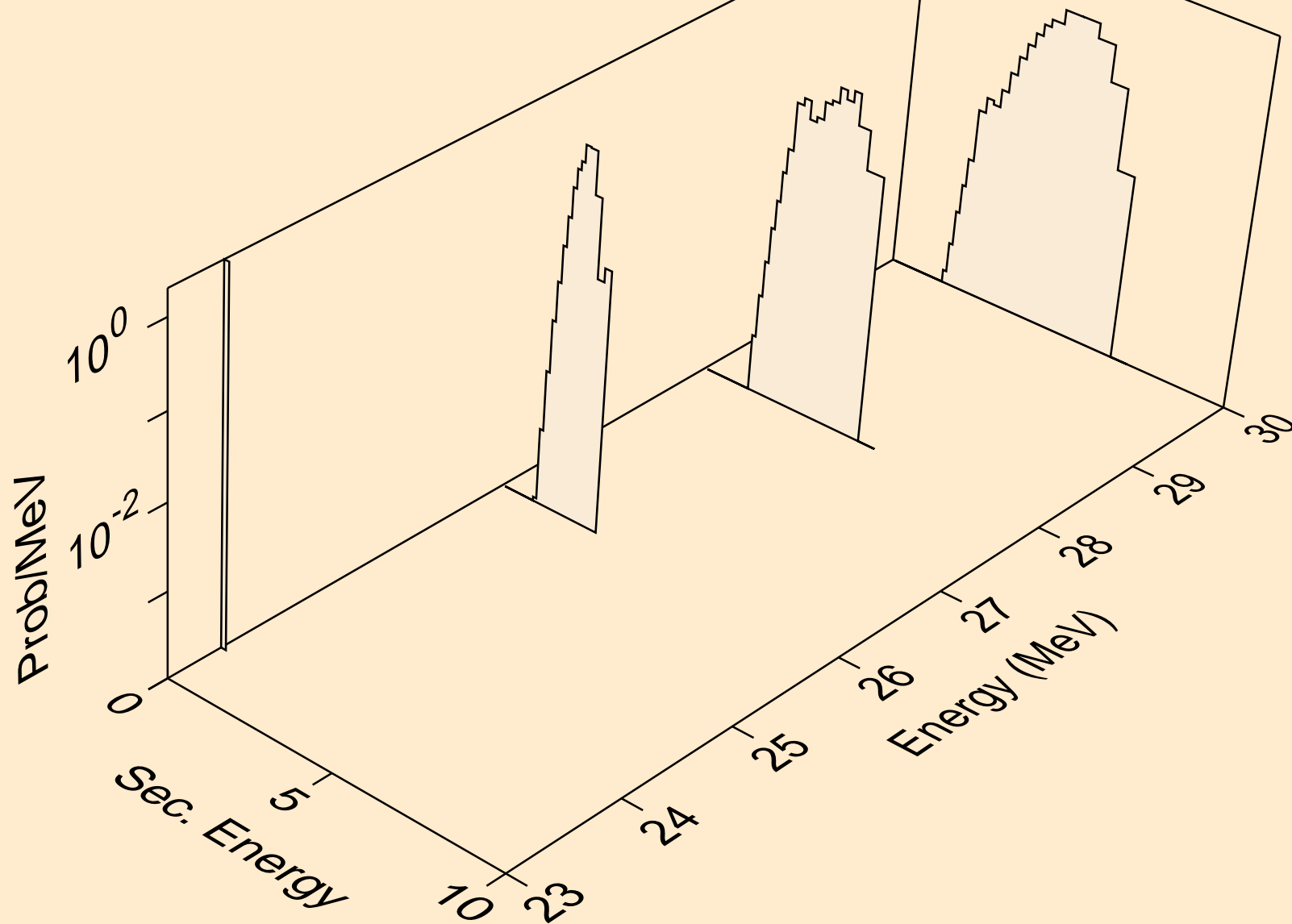
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



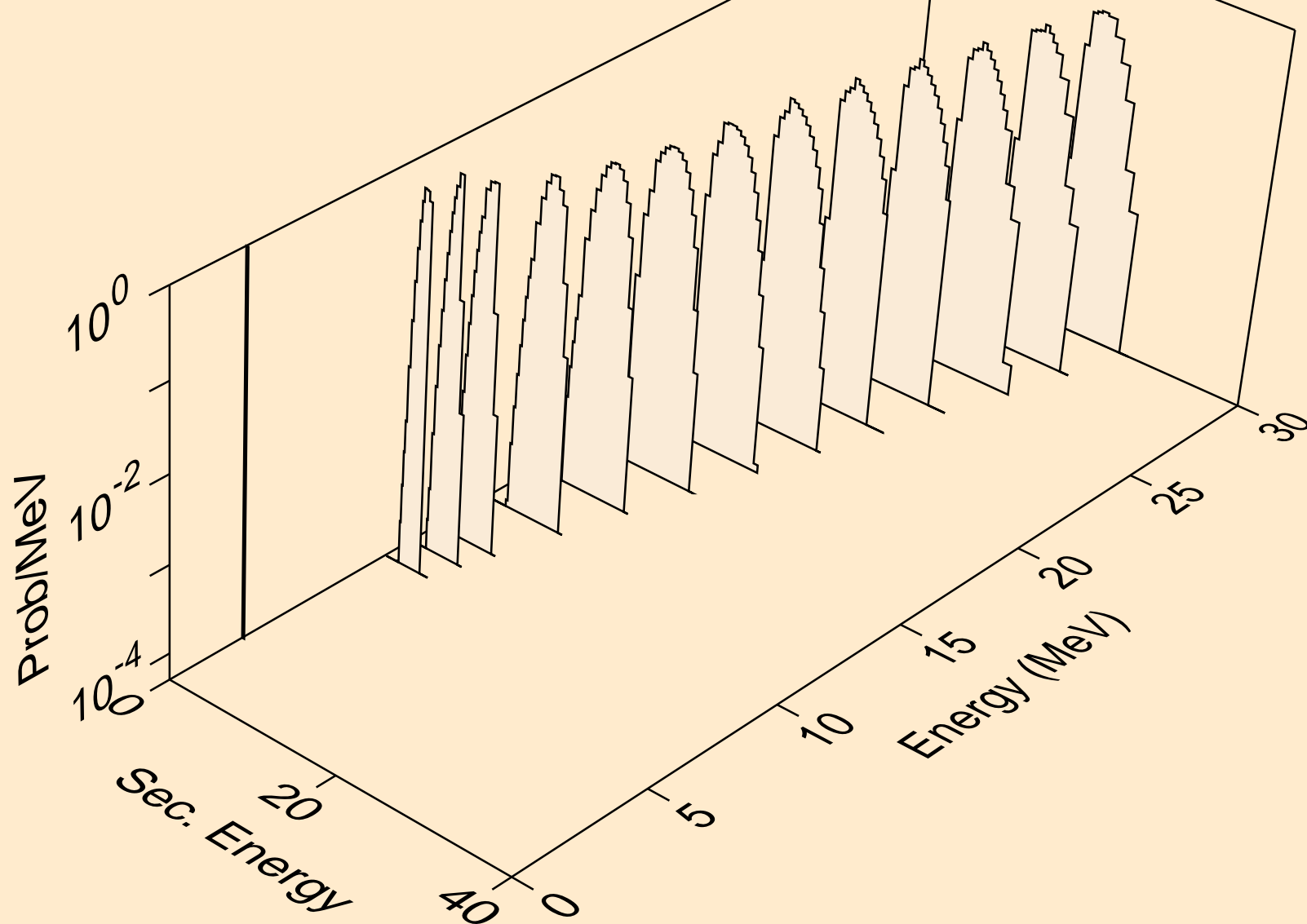
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



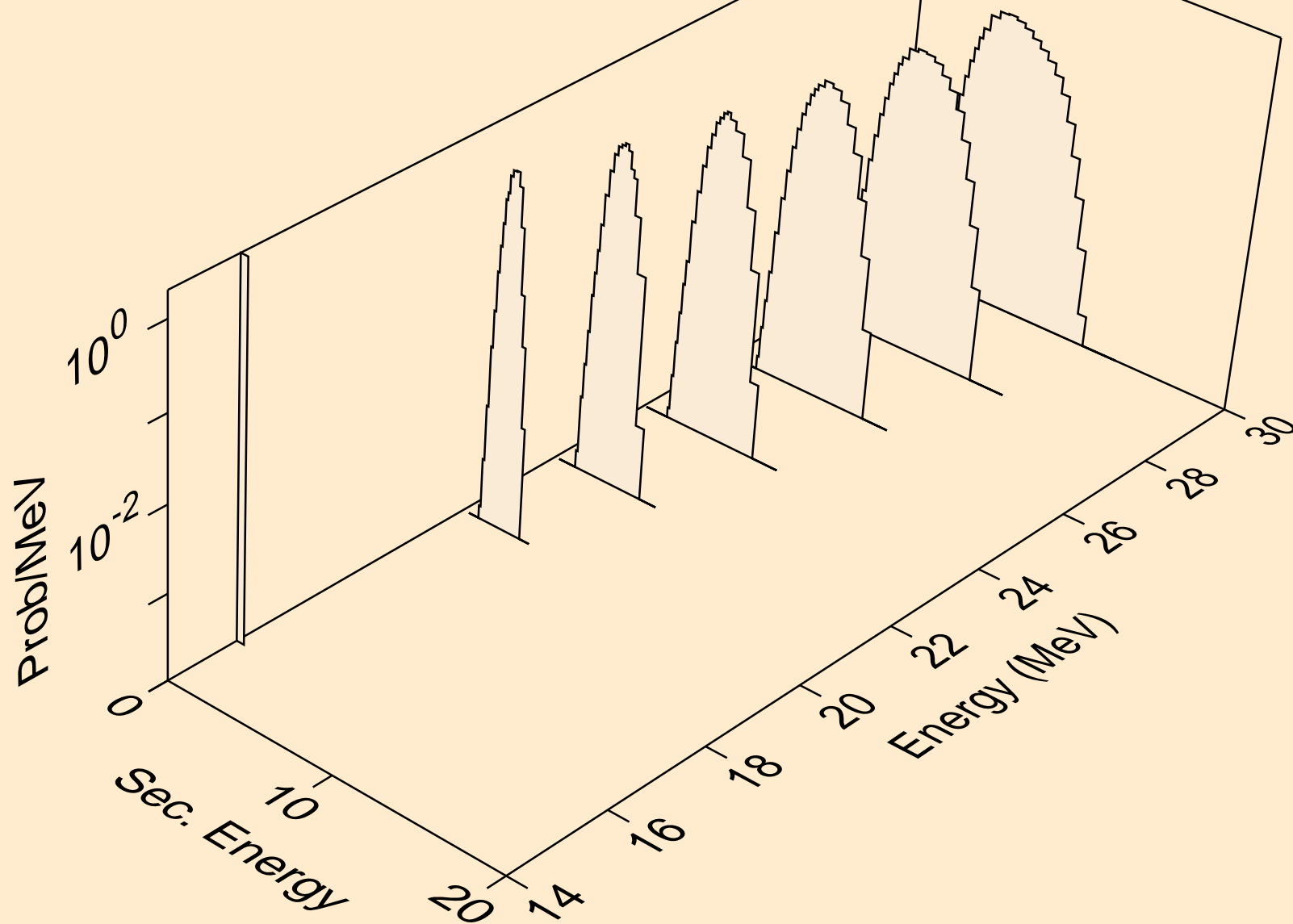
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,3np)



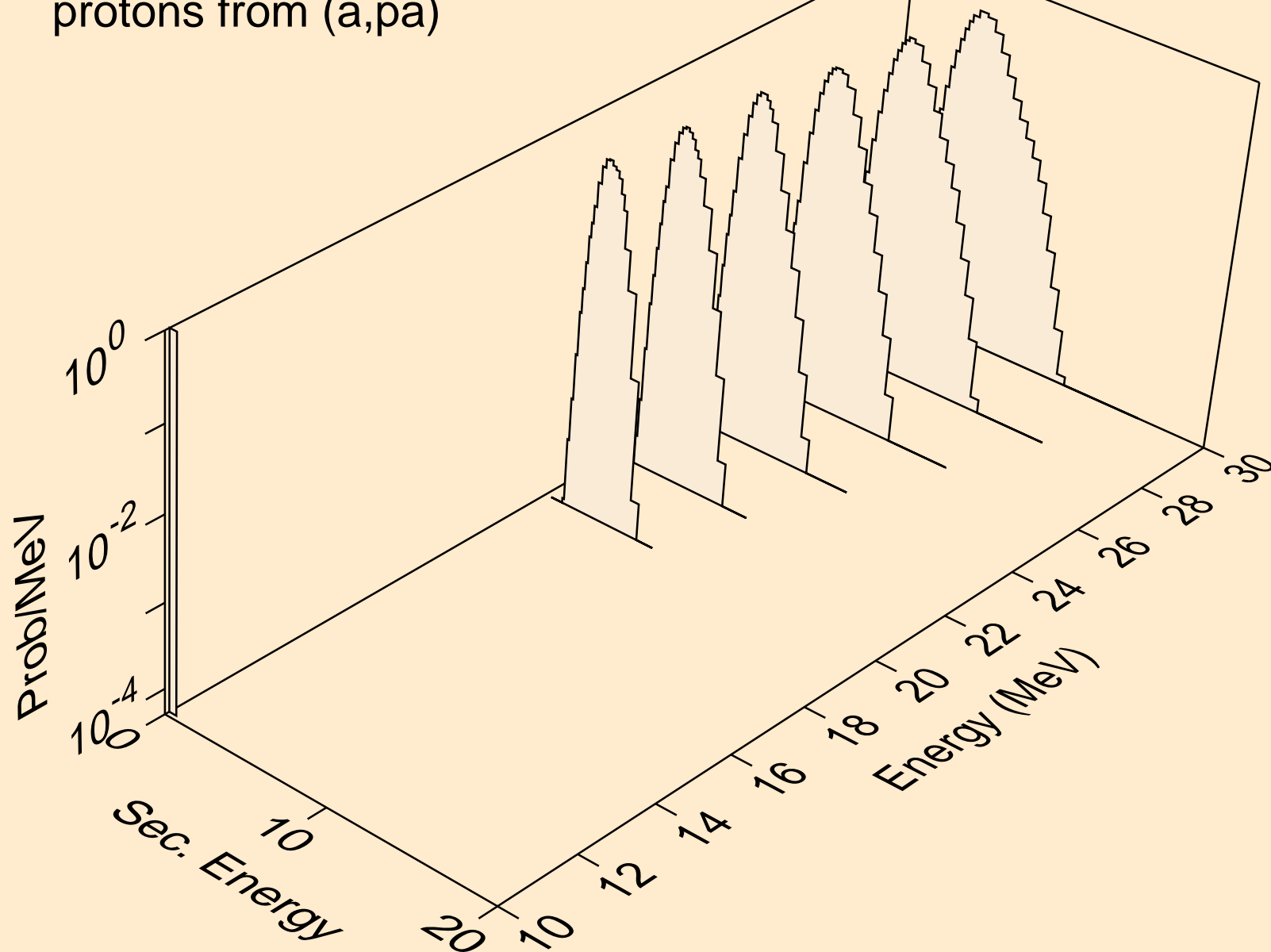
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



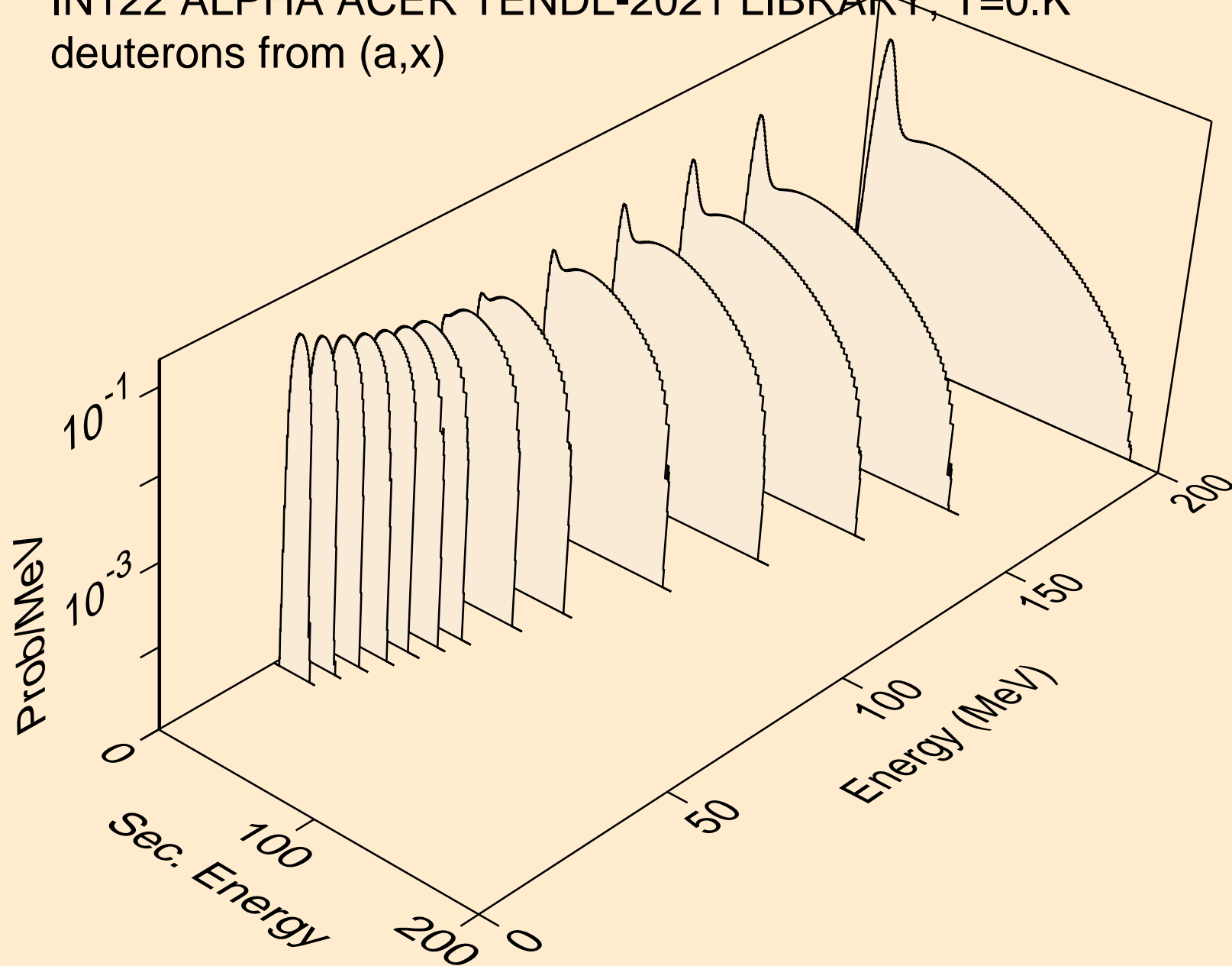
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)

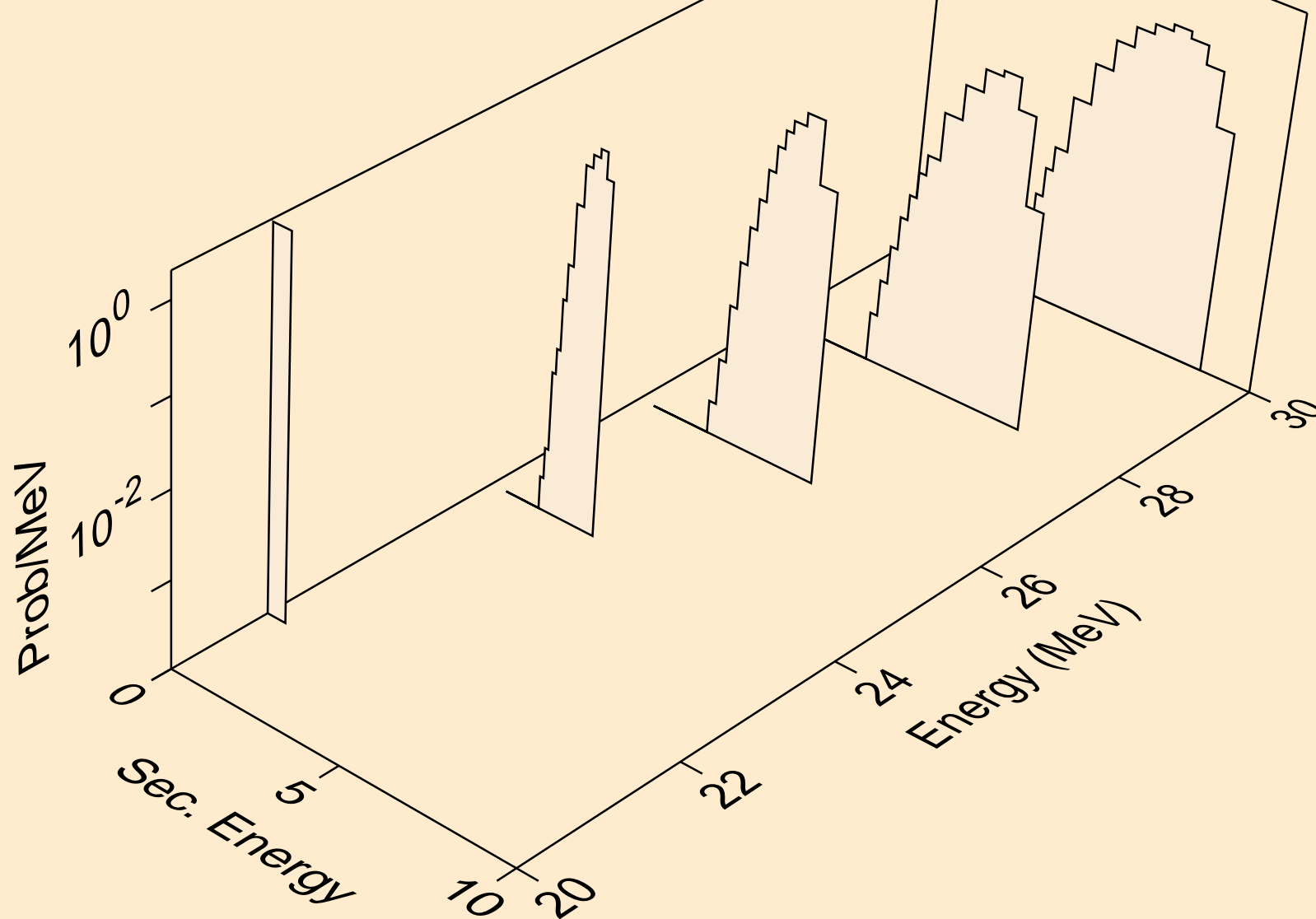


IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)

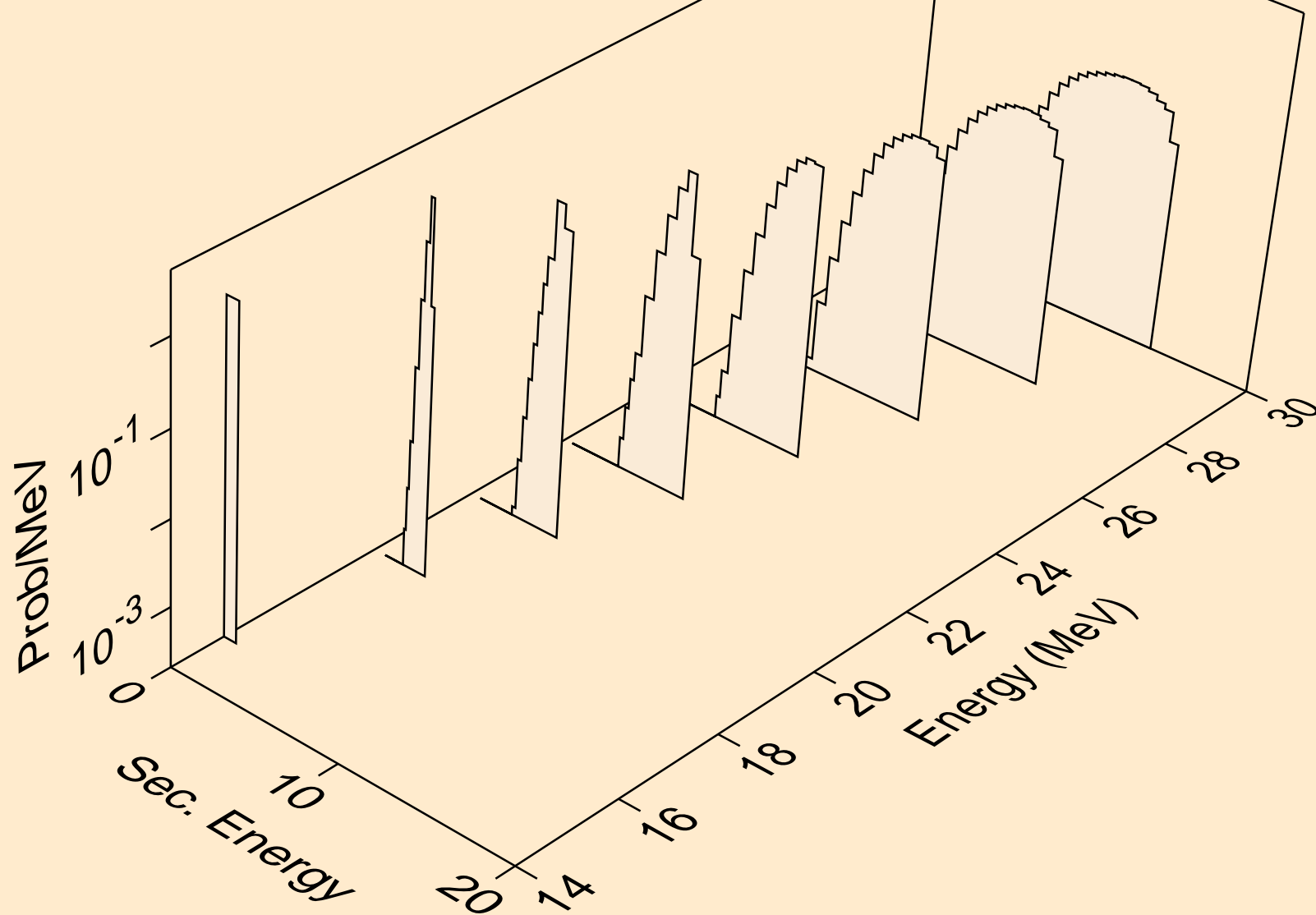




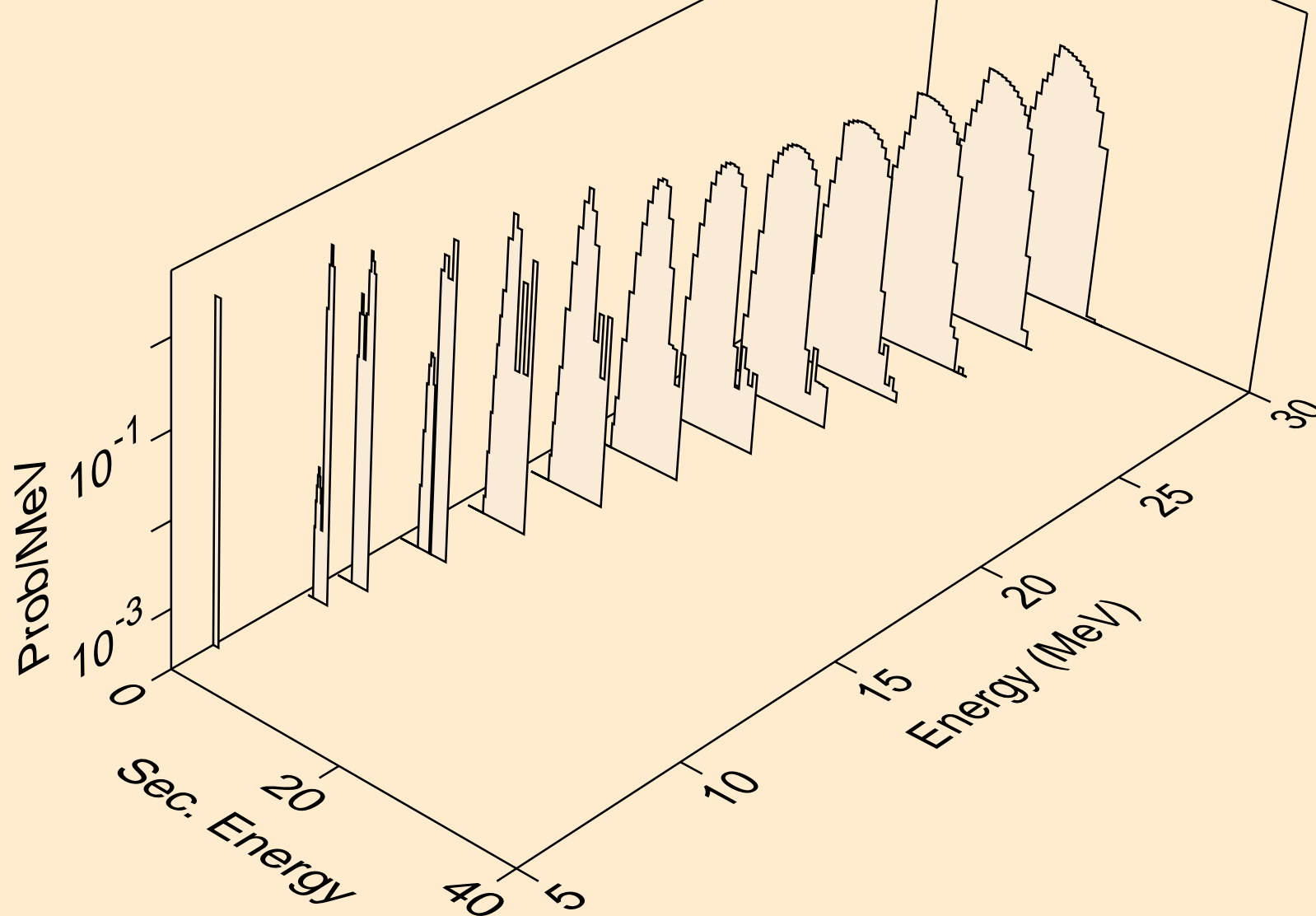
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,2nd)



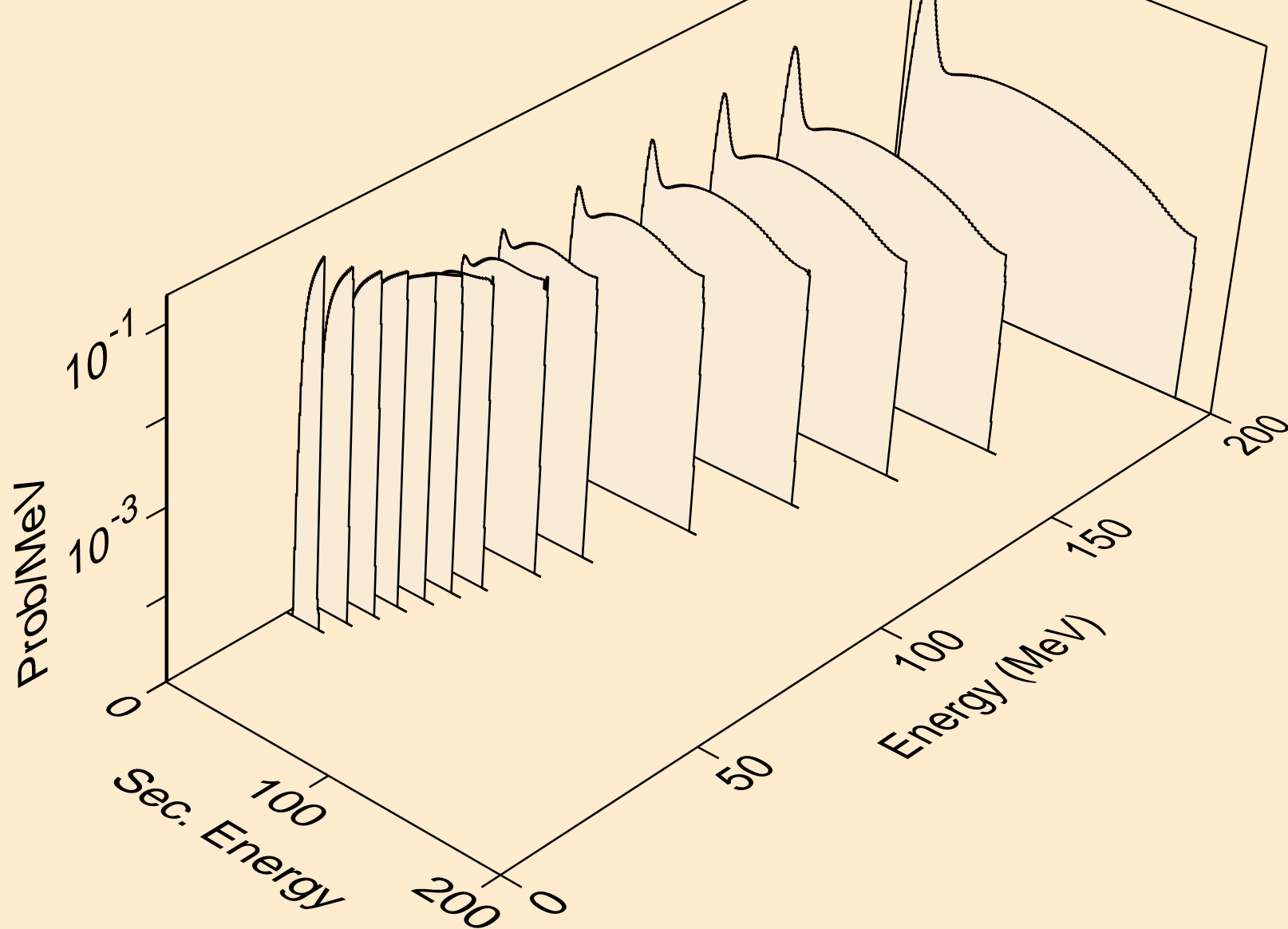
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



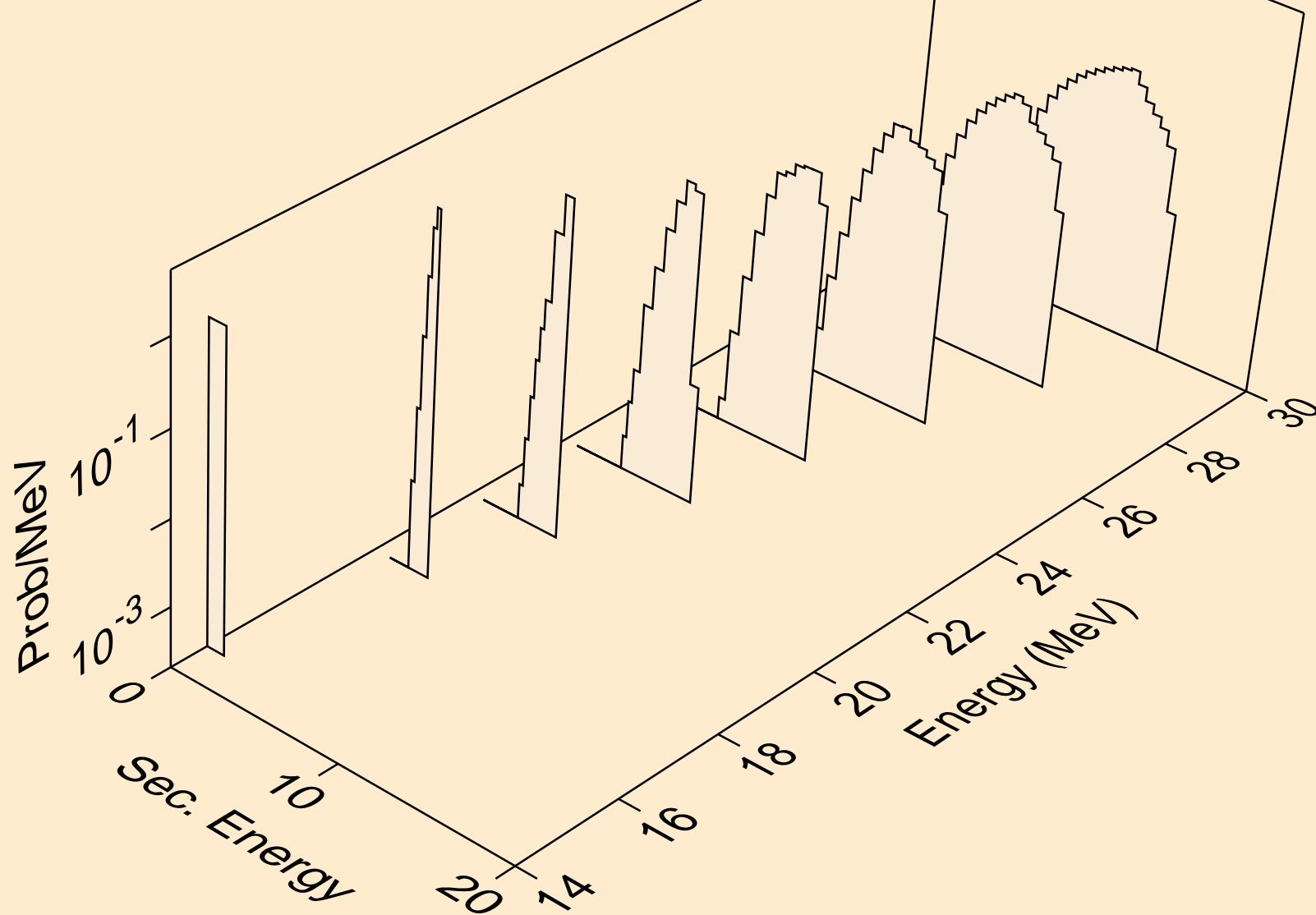
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



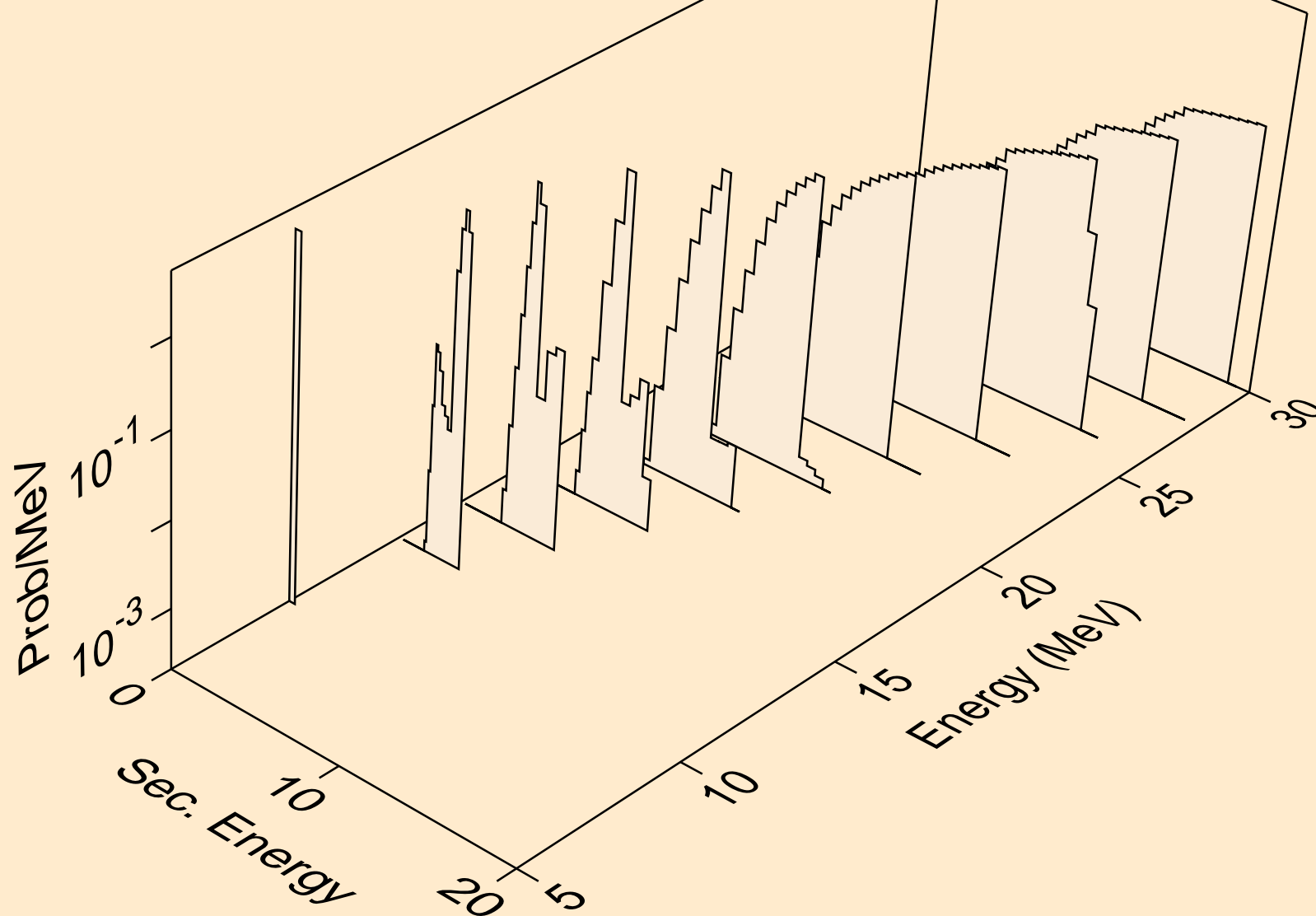
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



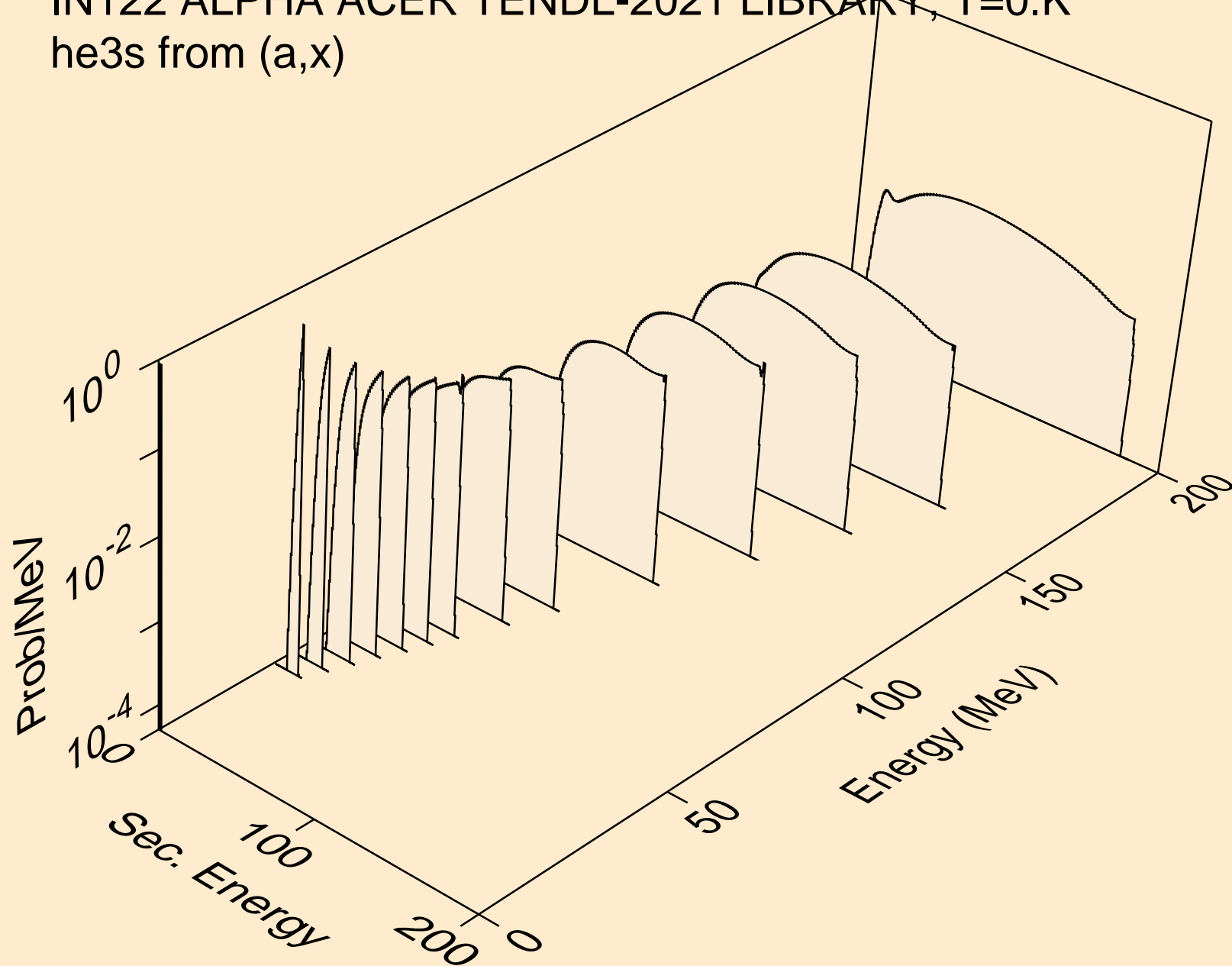
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



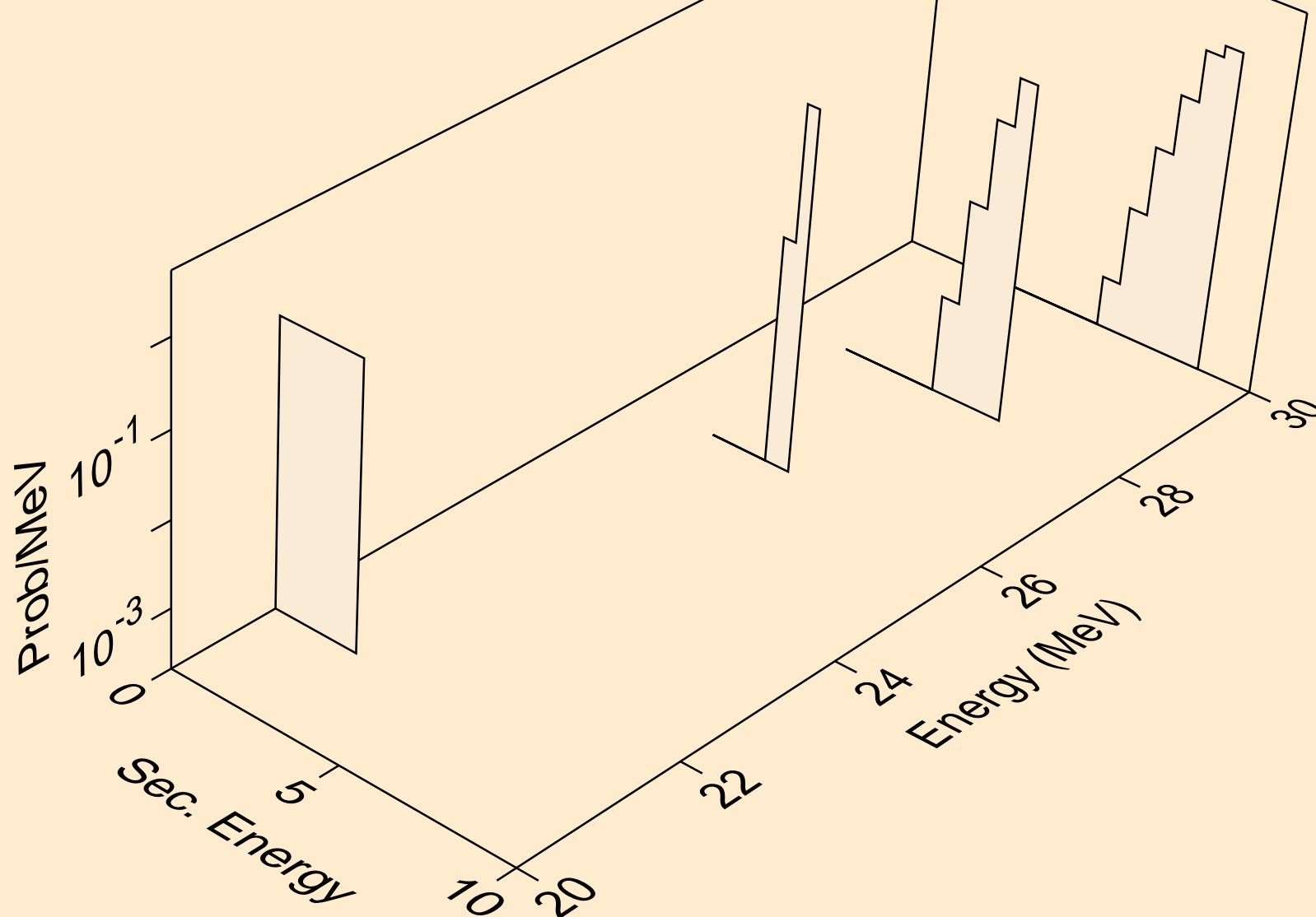
IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3





IN122 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

