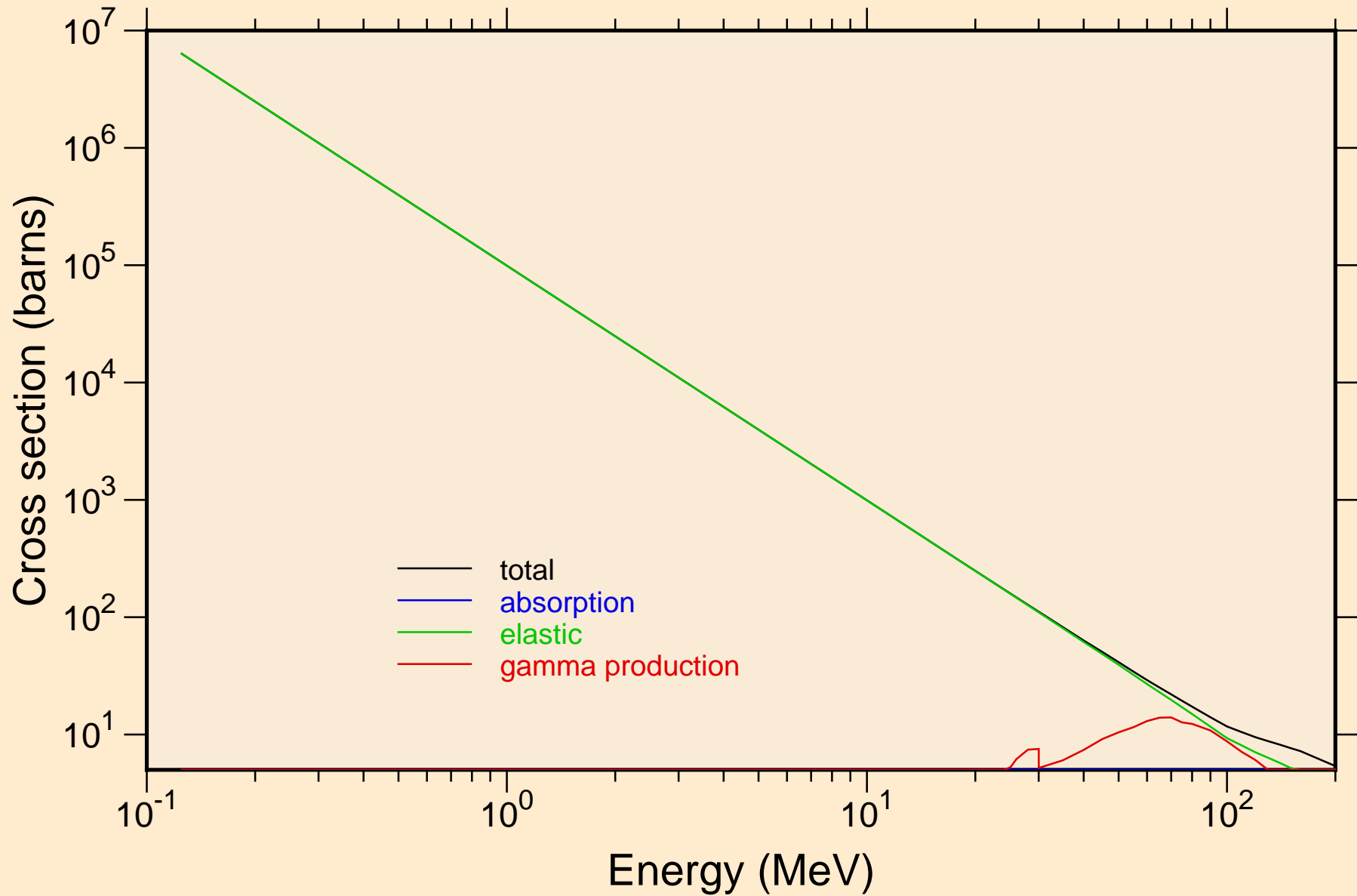


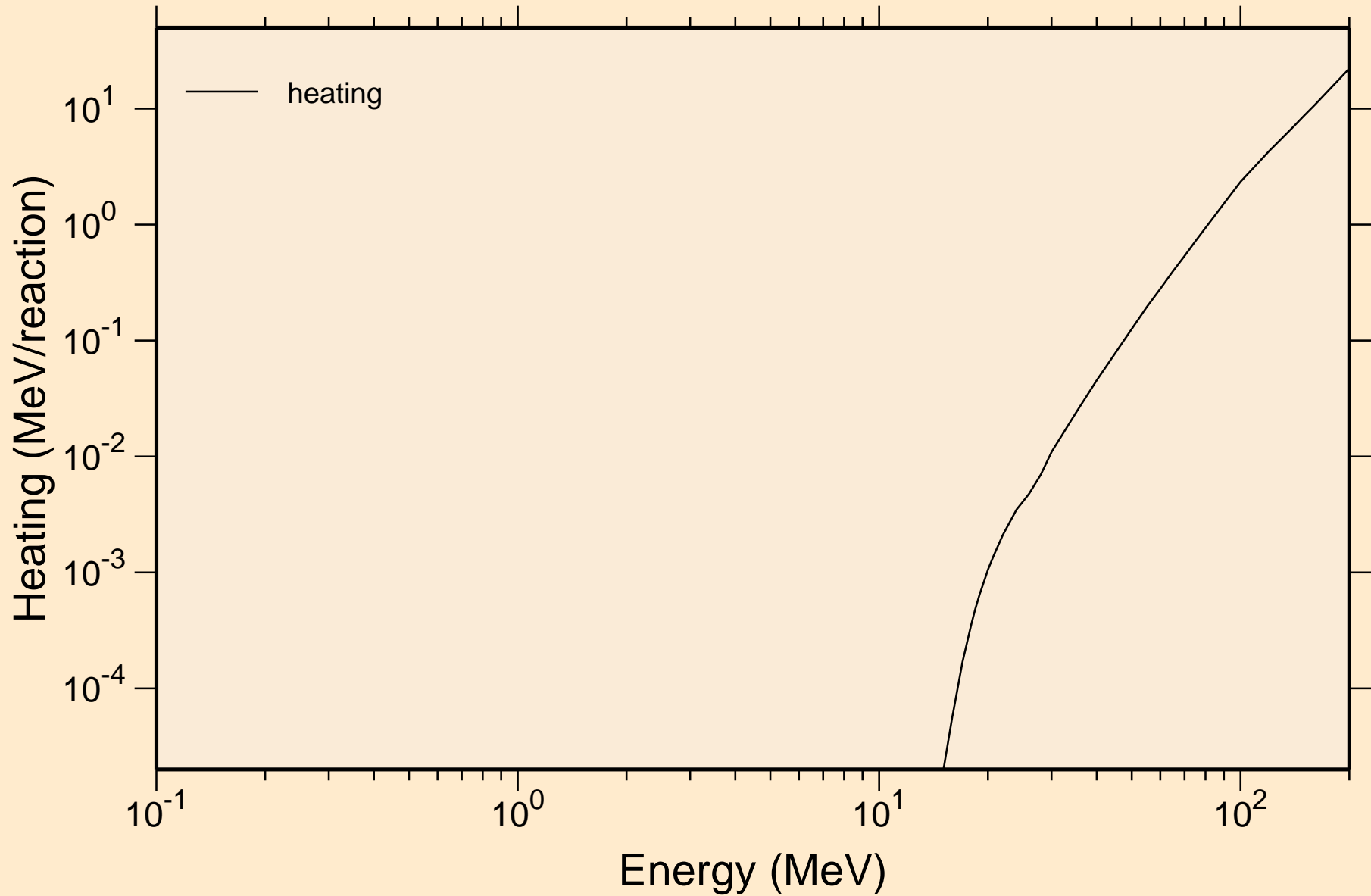
# SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



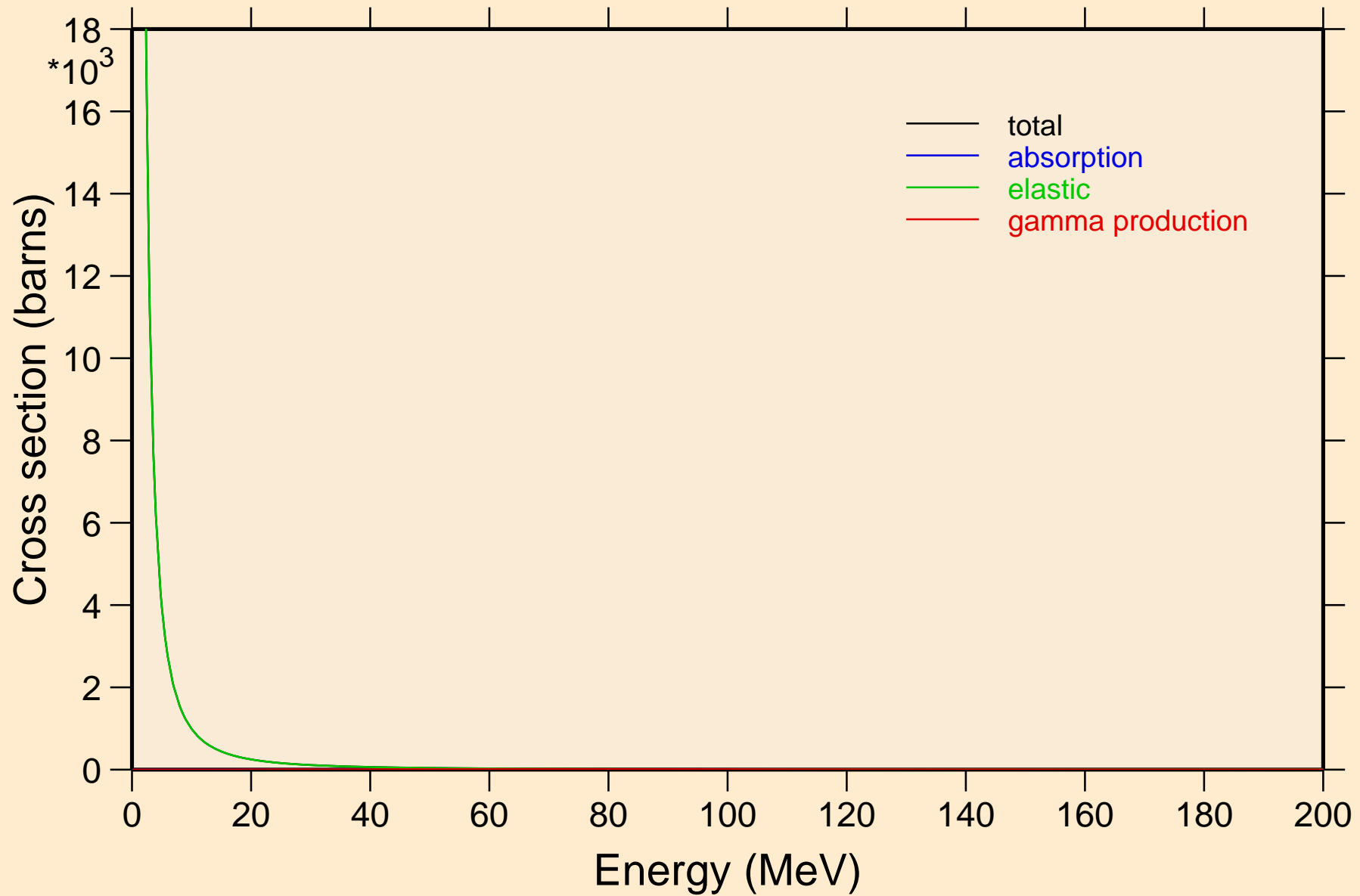
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



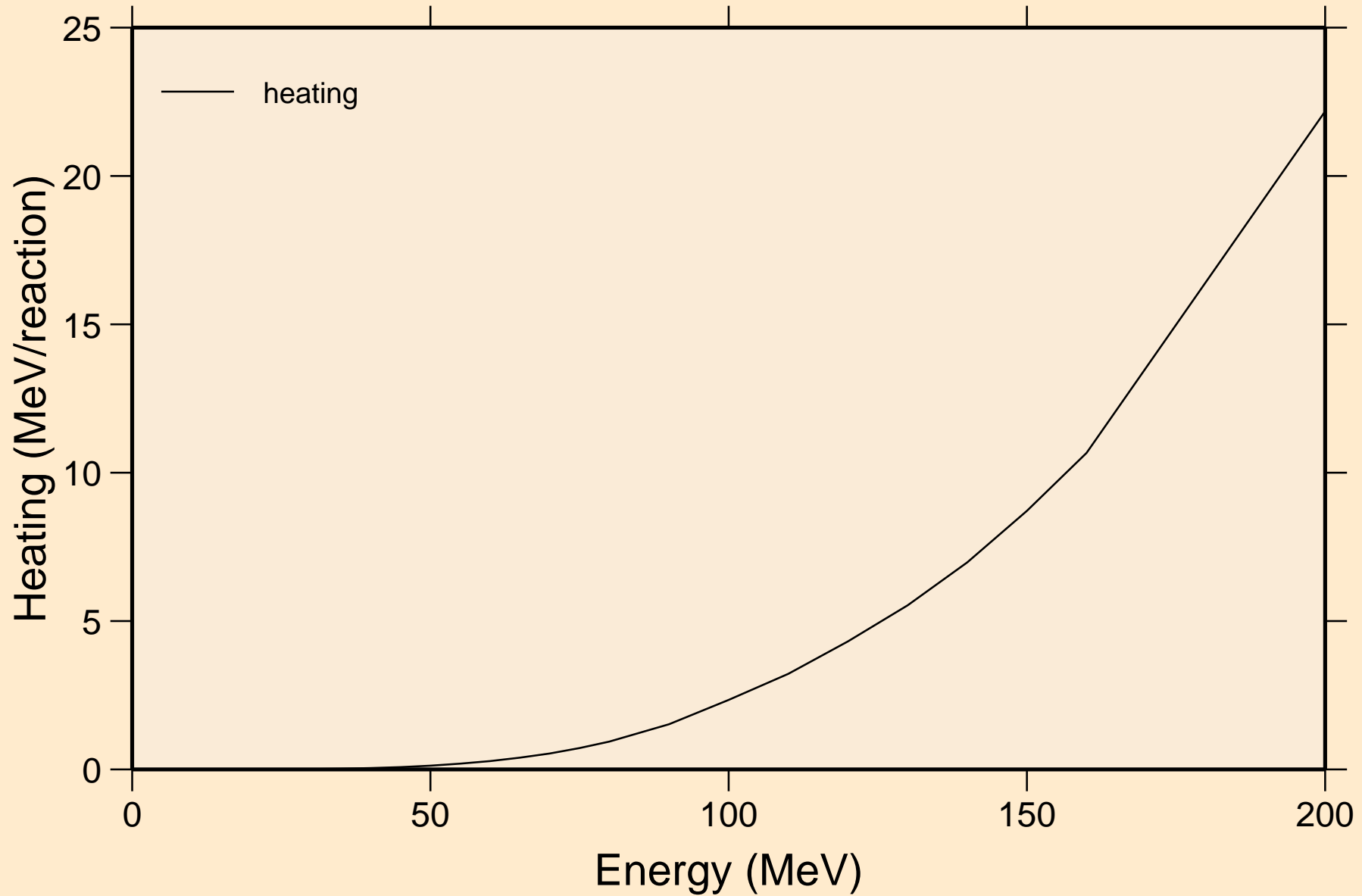
# SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

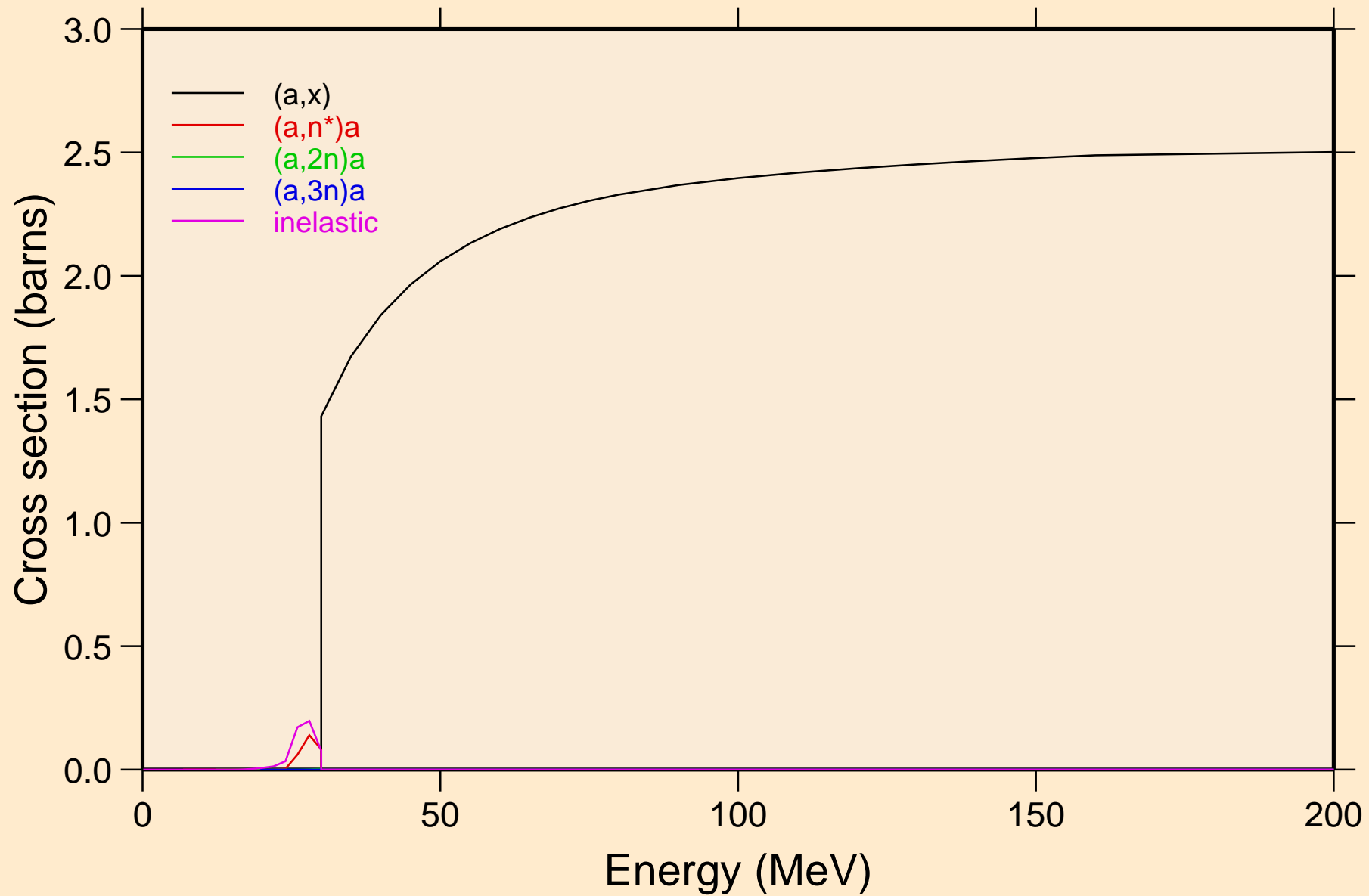


SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

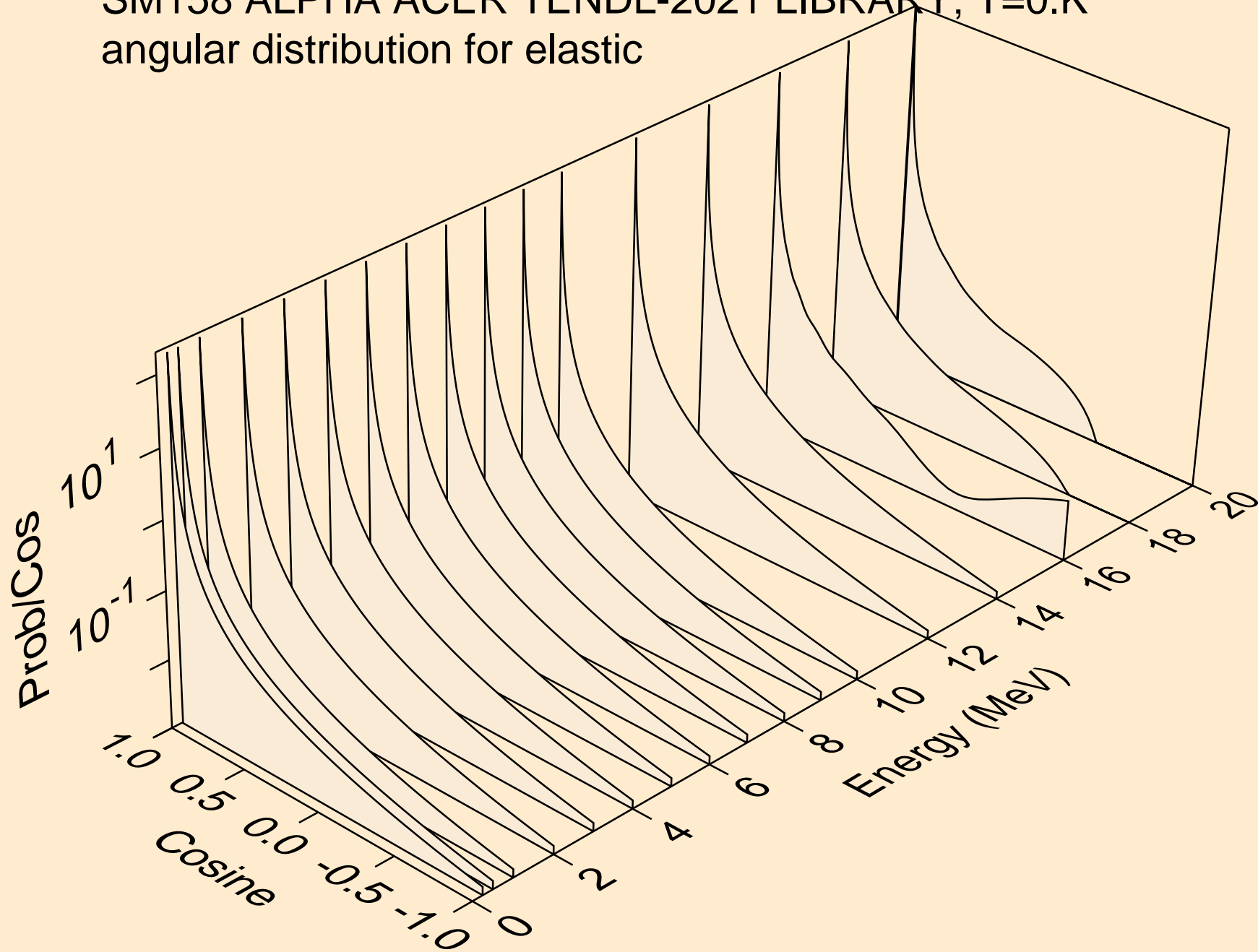
Heating



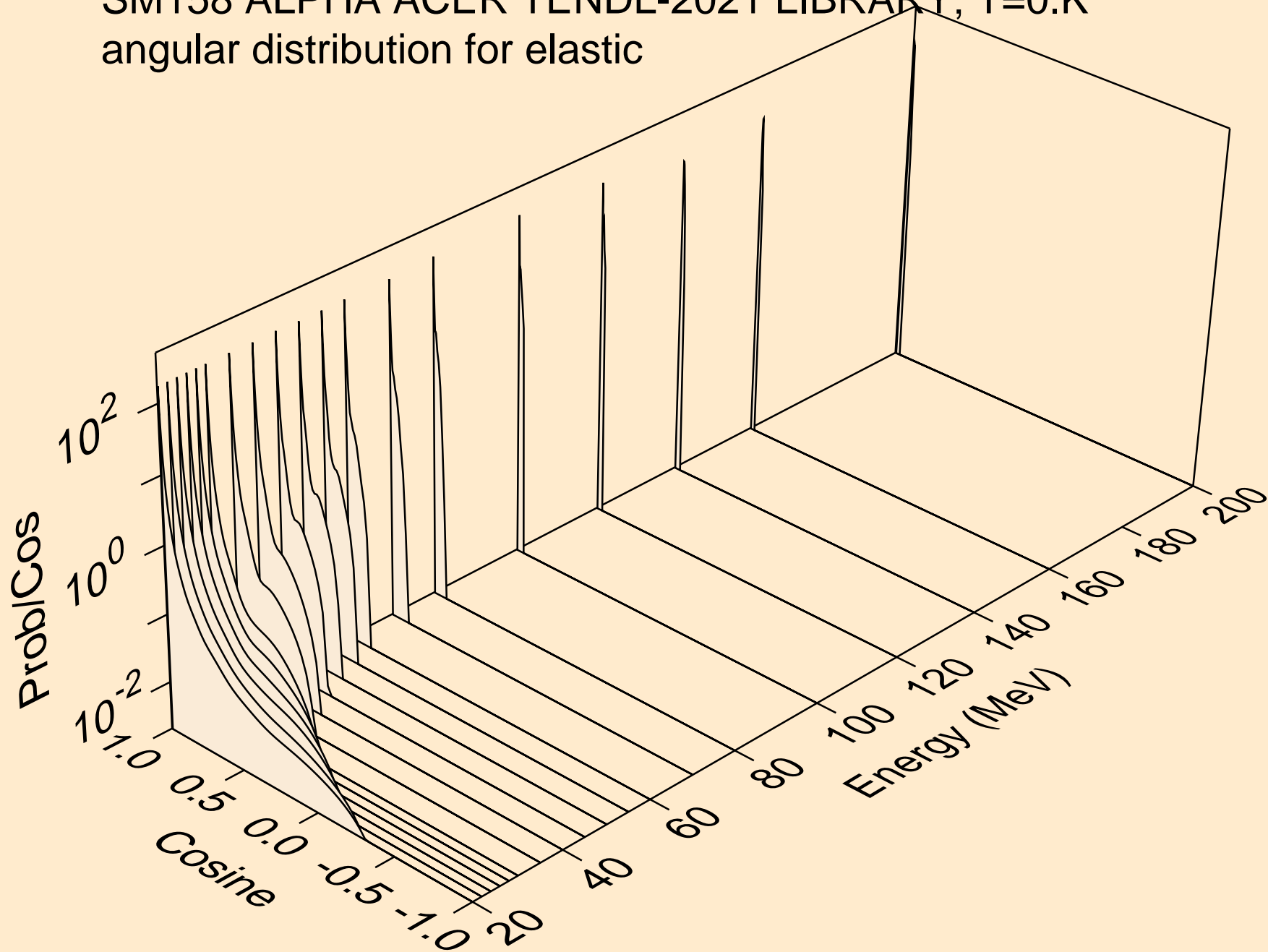
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



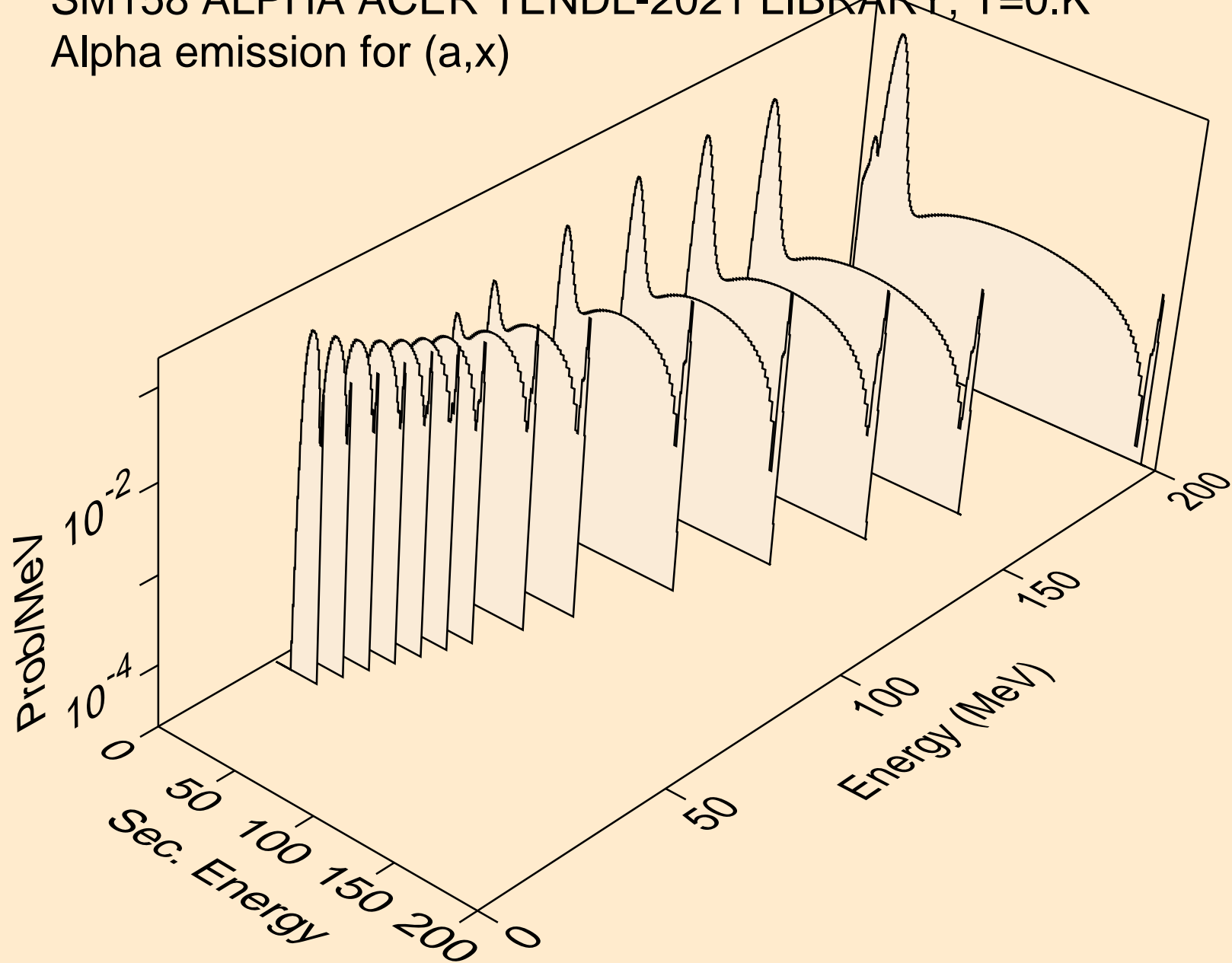
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

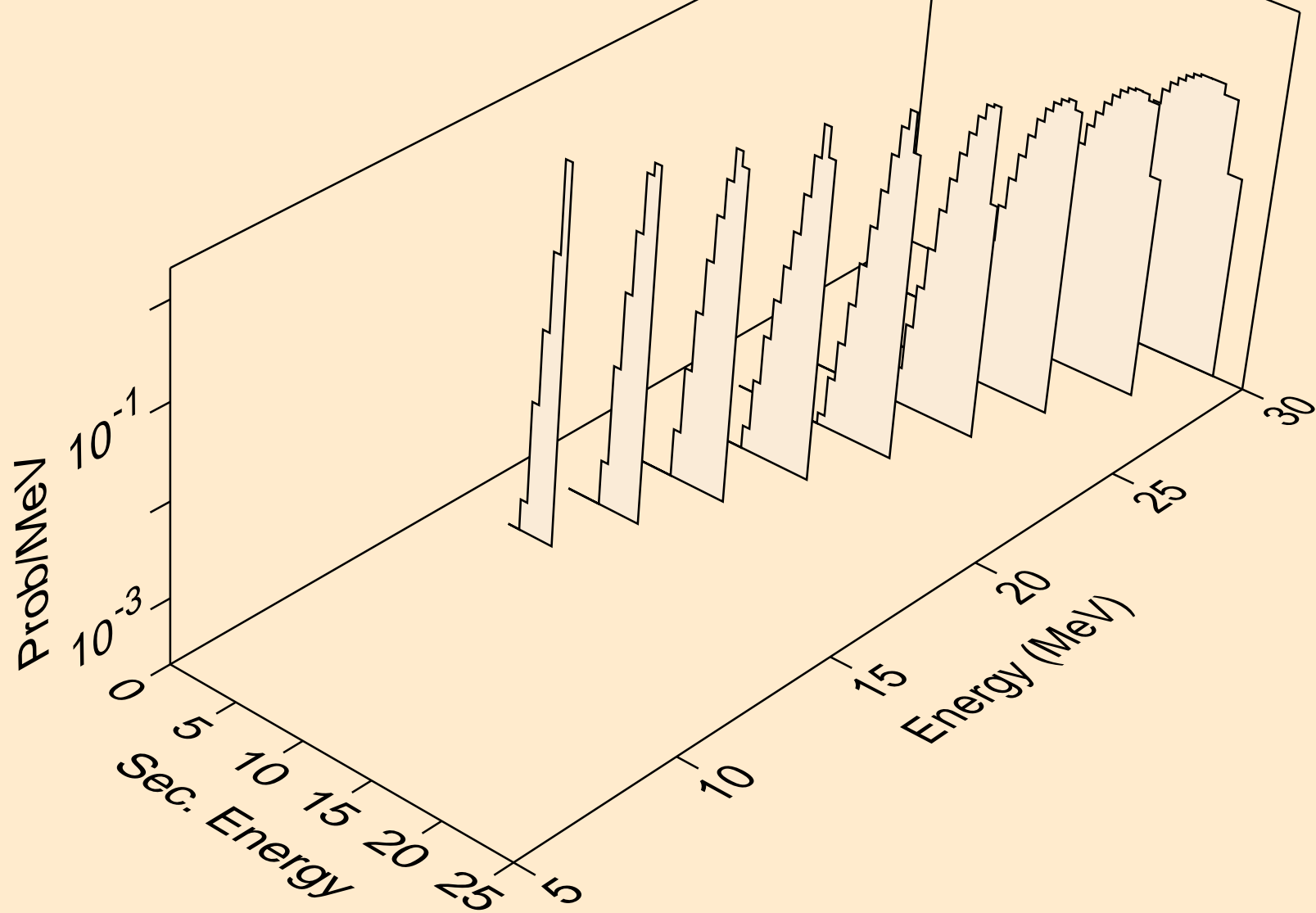


SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)

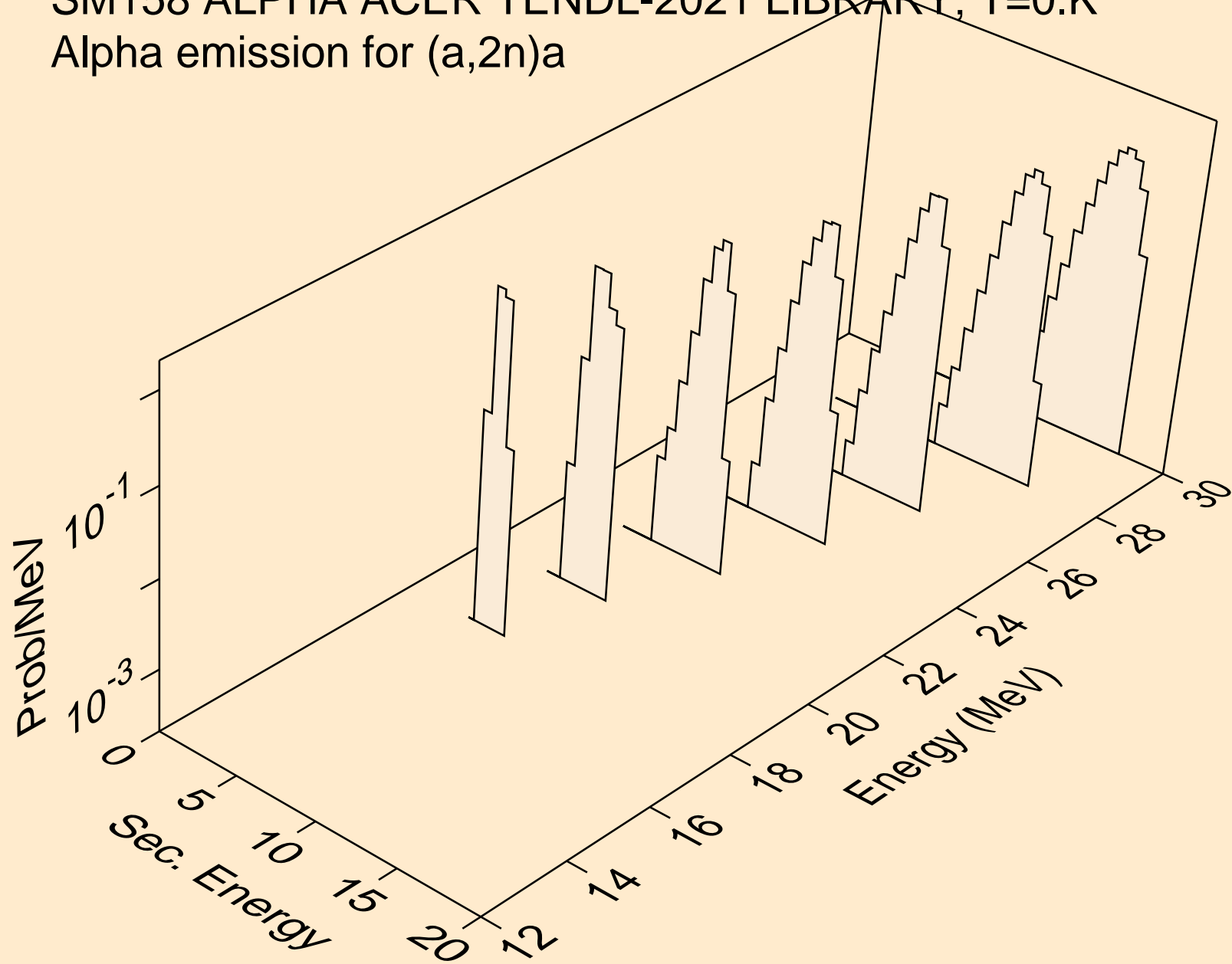




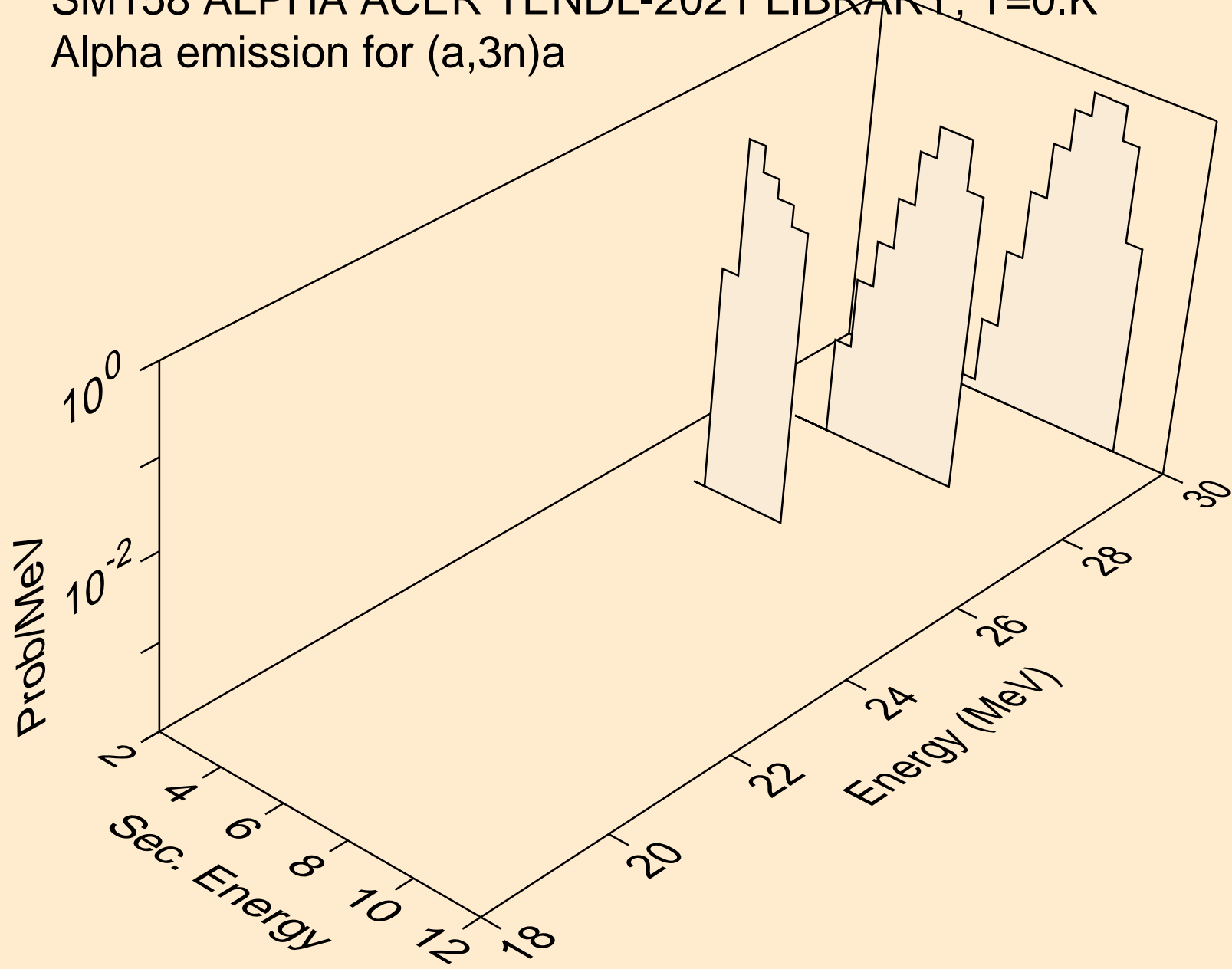
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



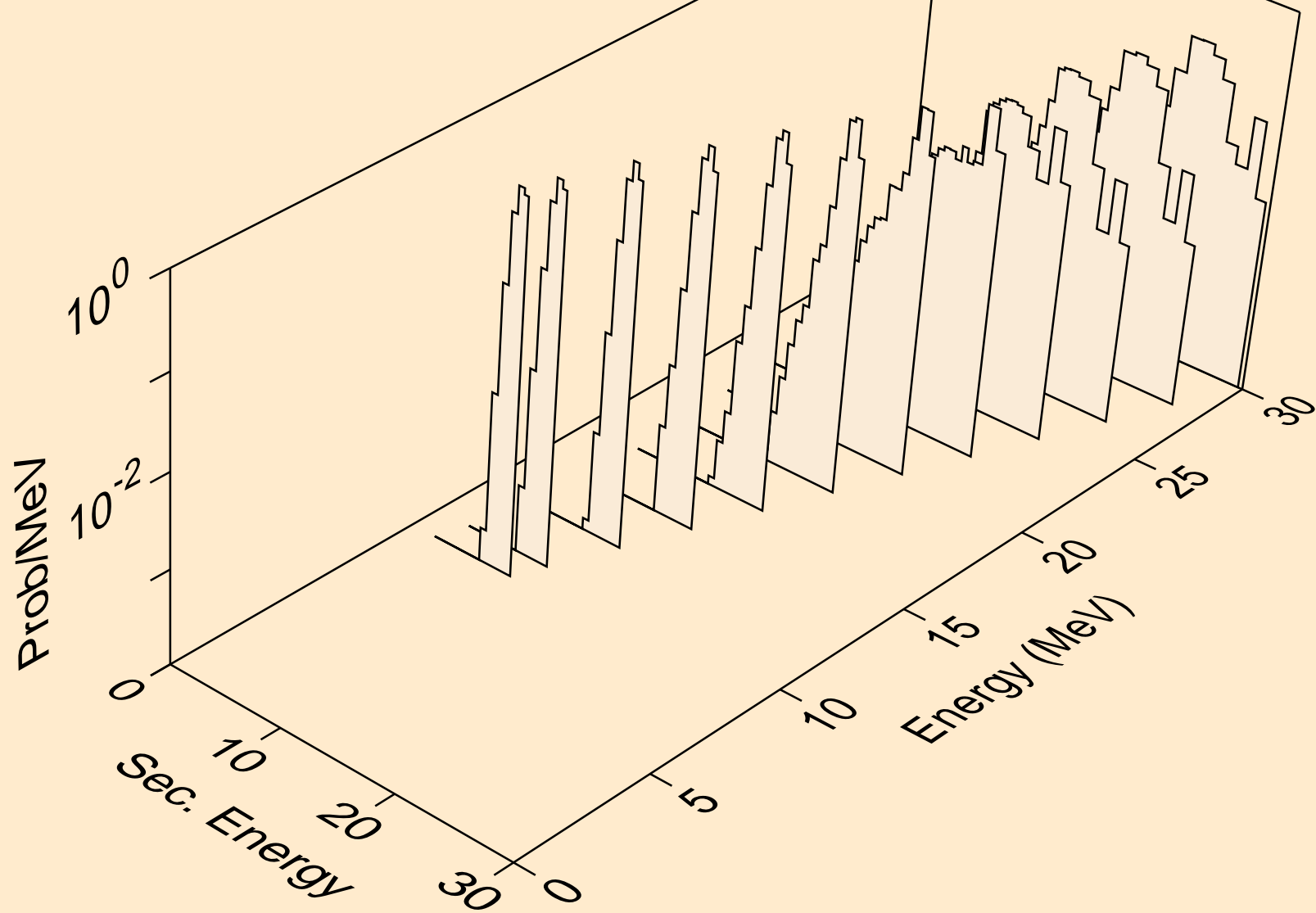
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



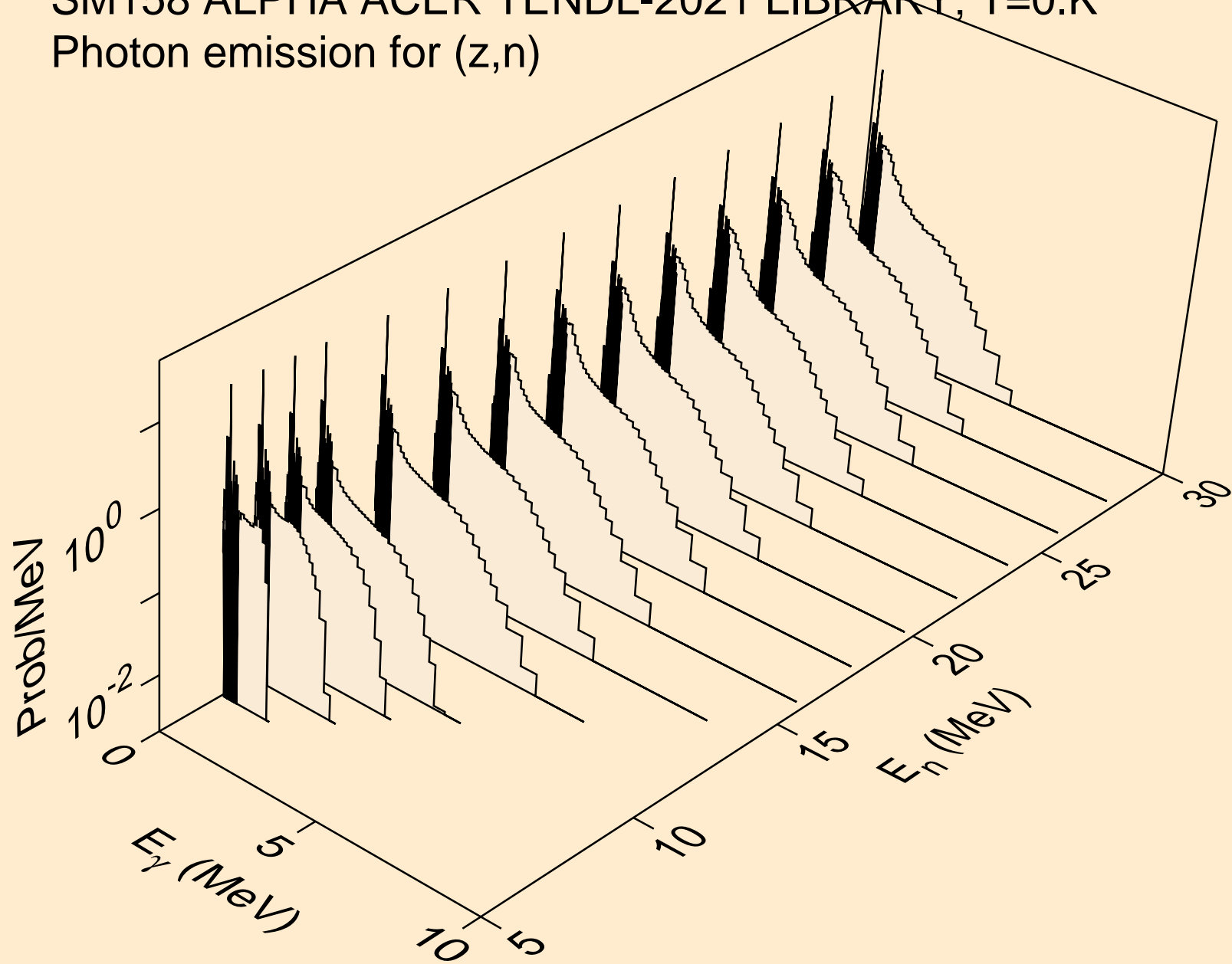
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



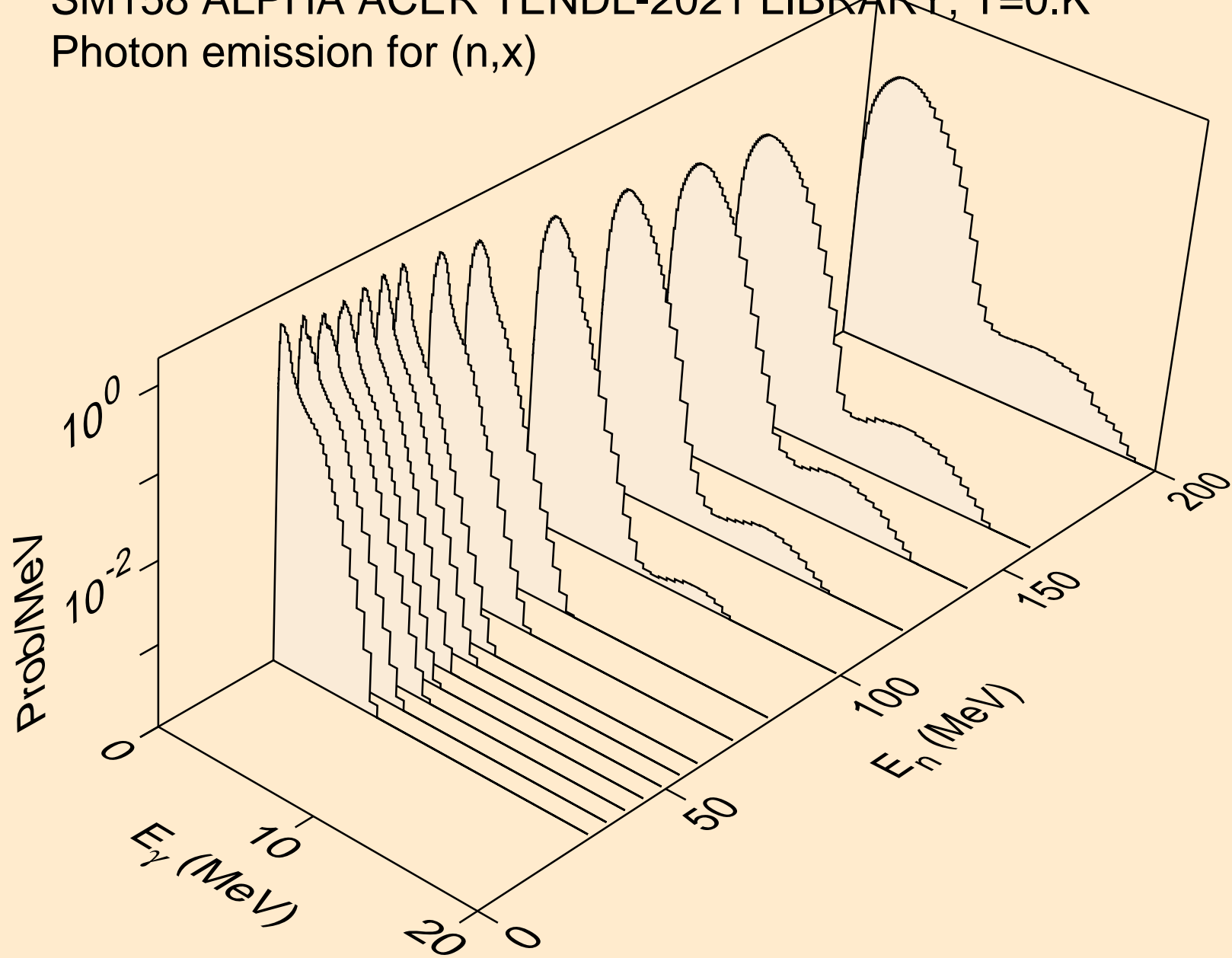
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



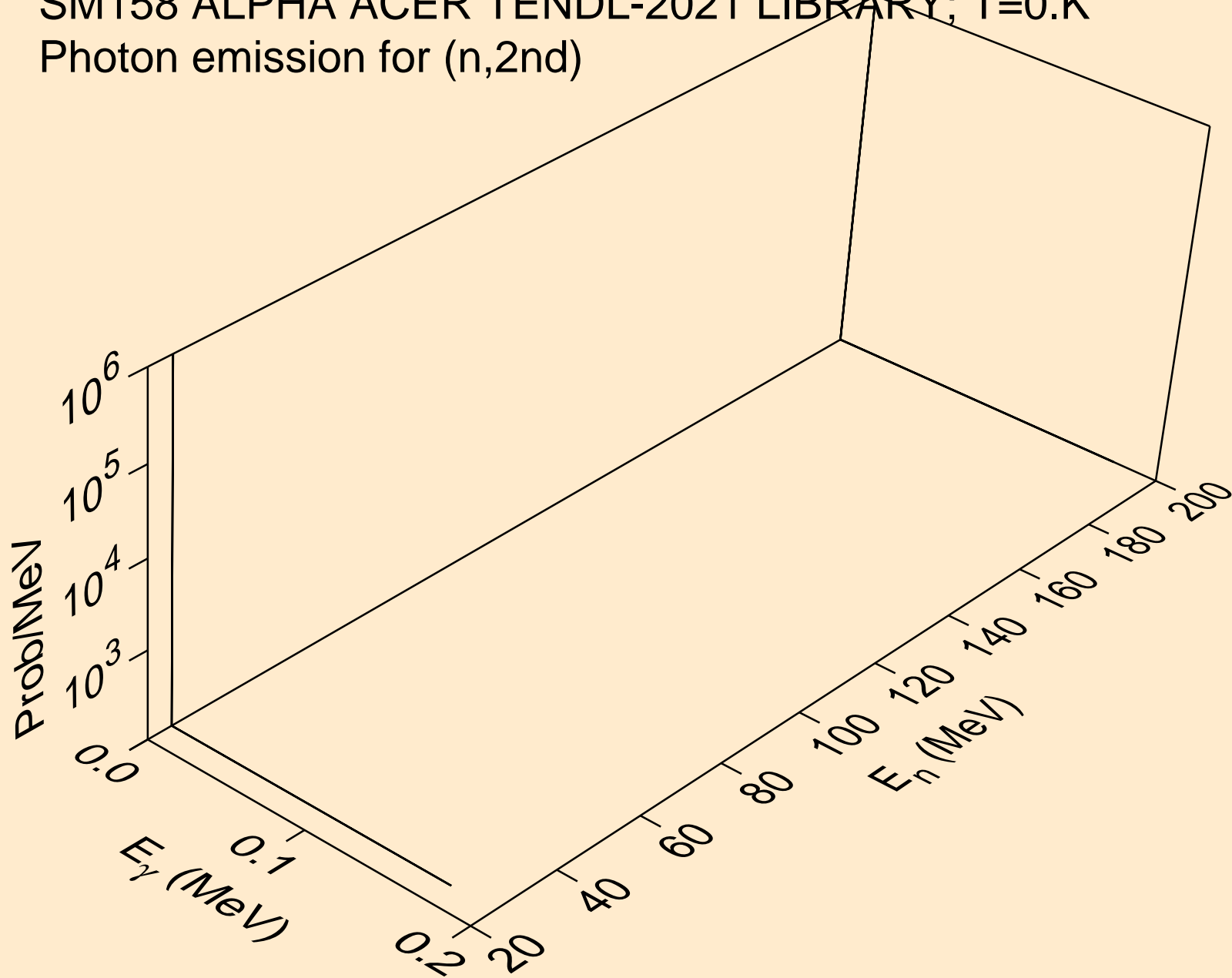
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



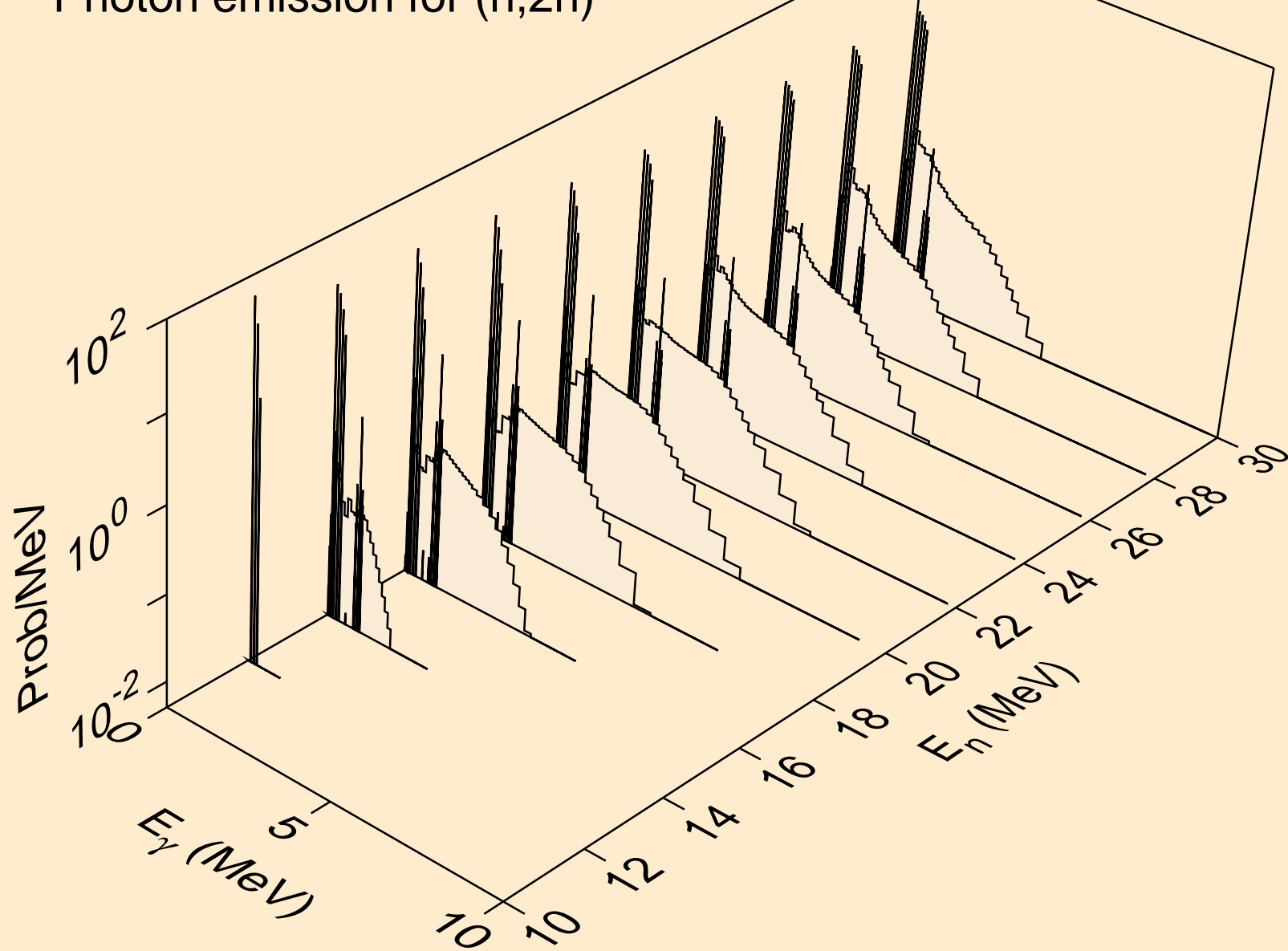
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

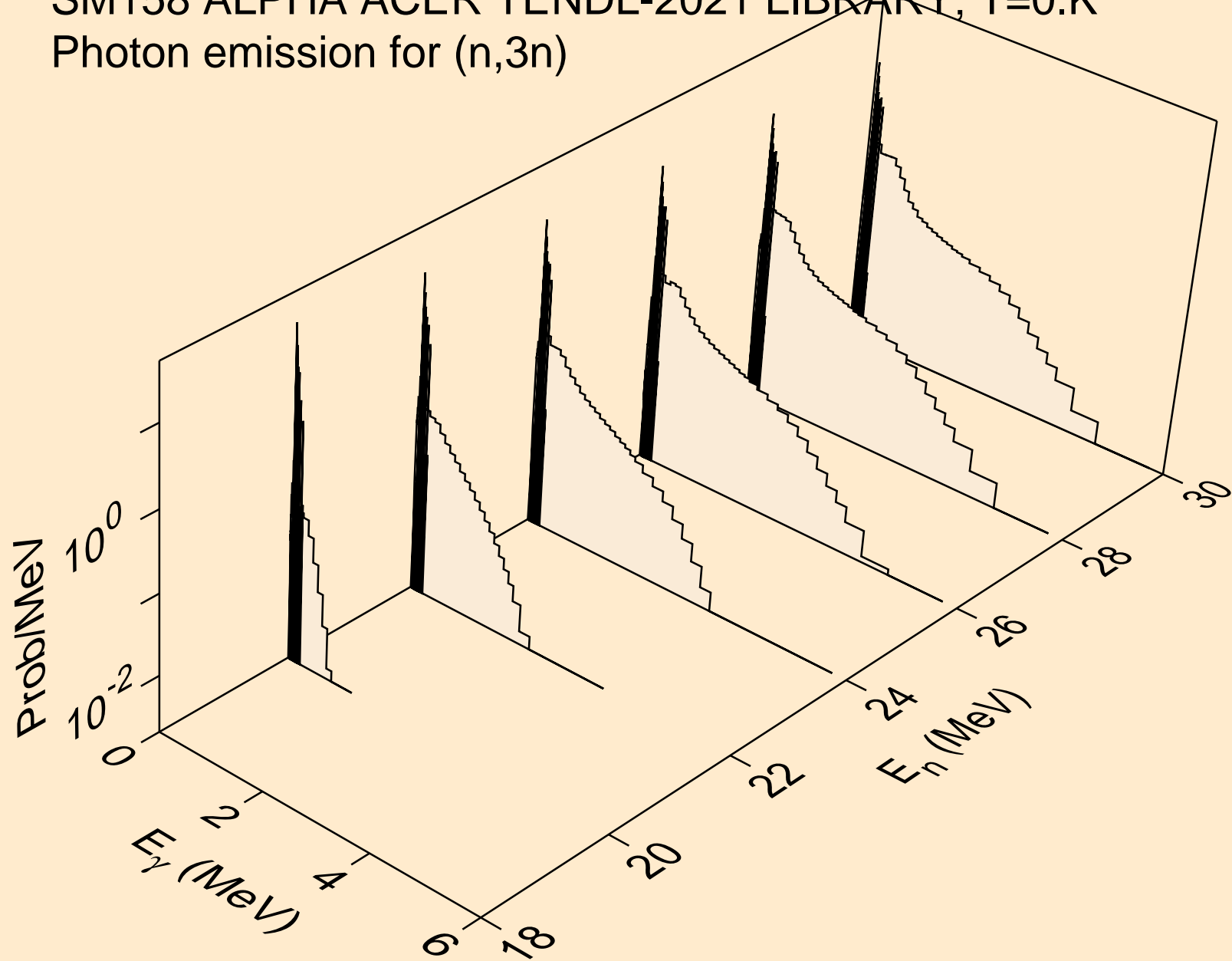


SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

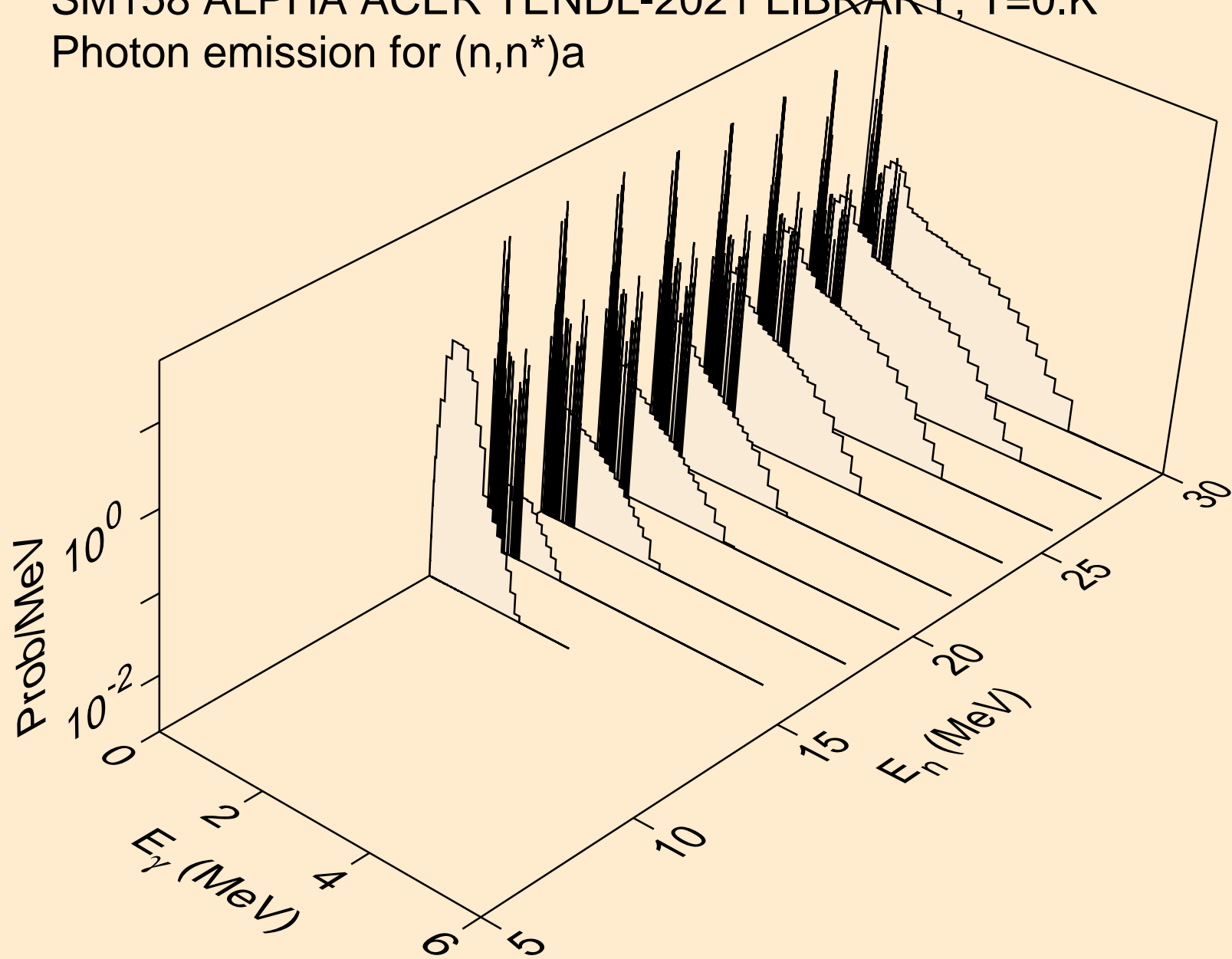




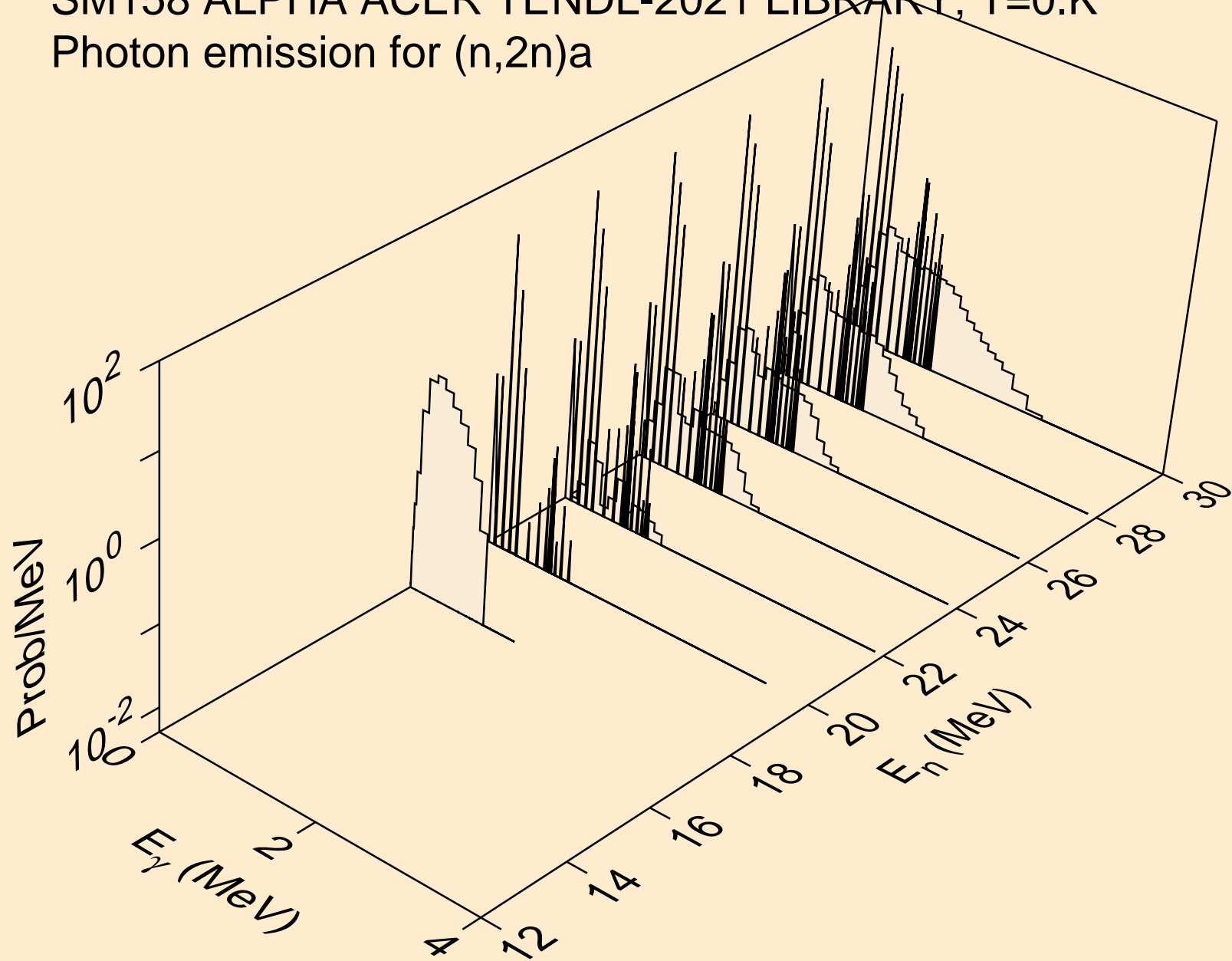
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



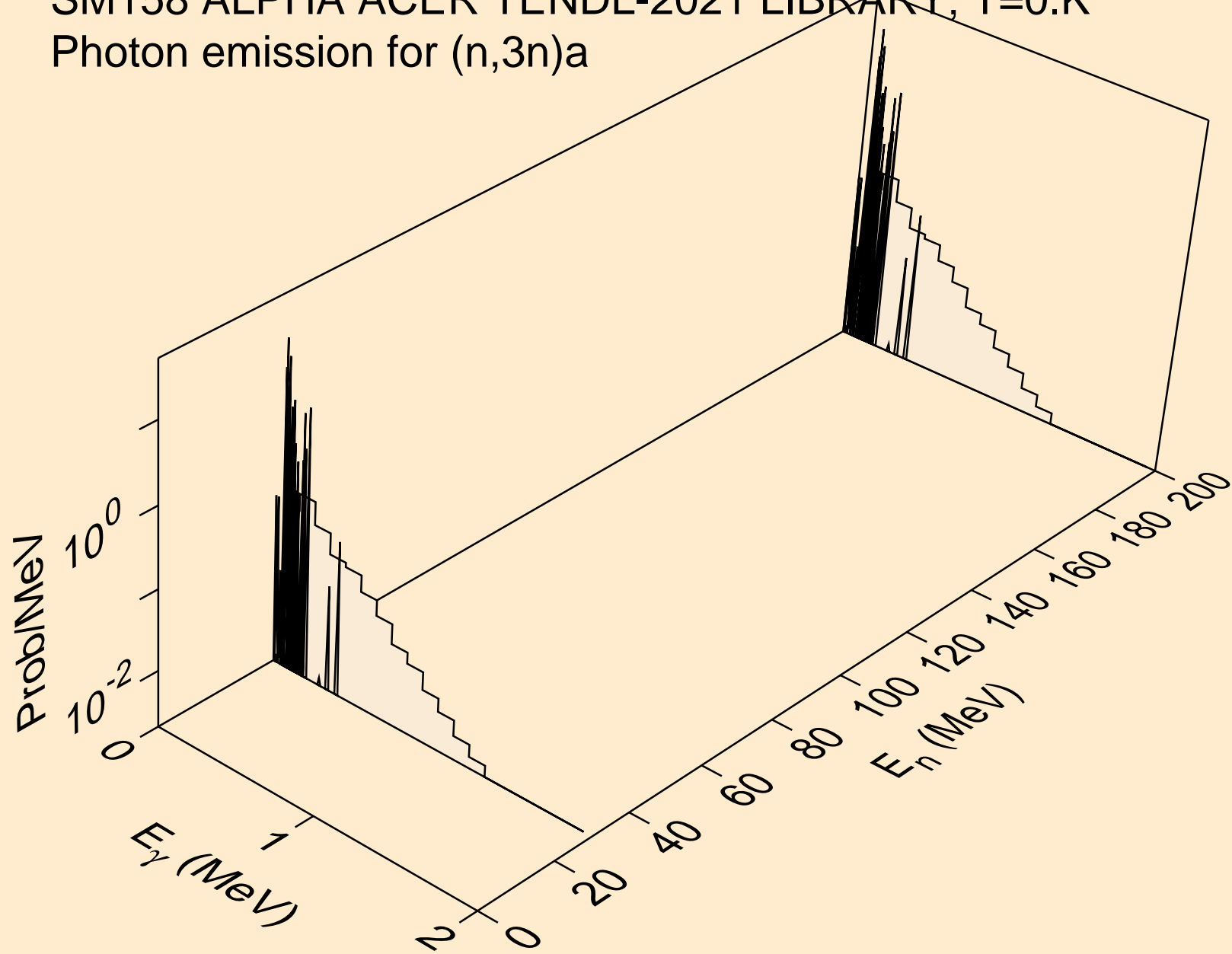
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



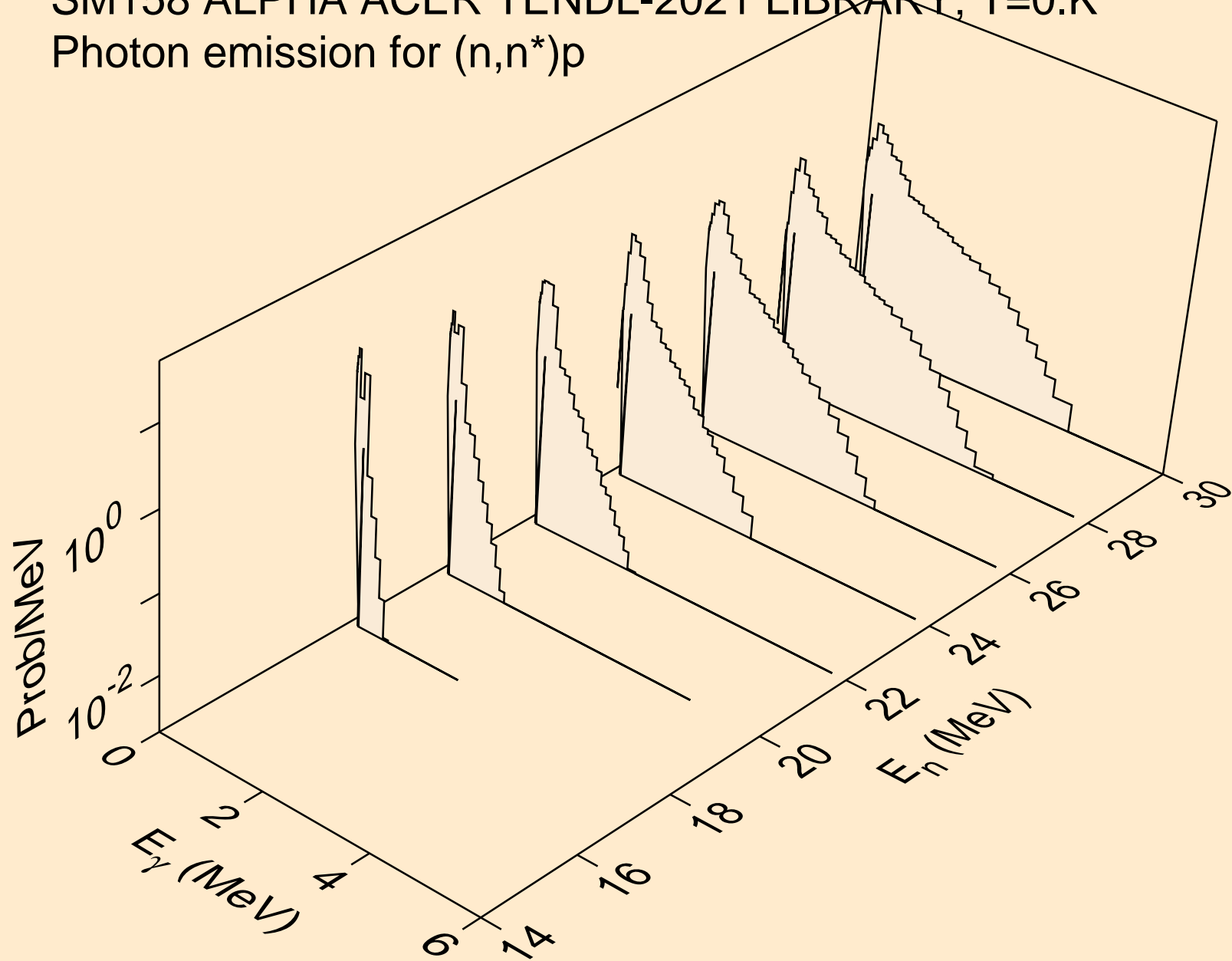
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



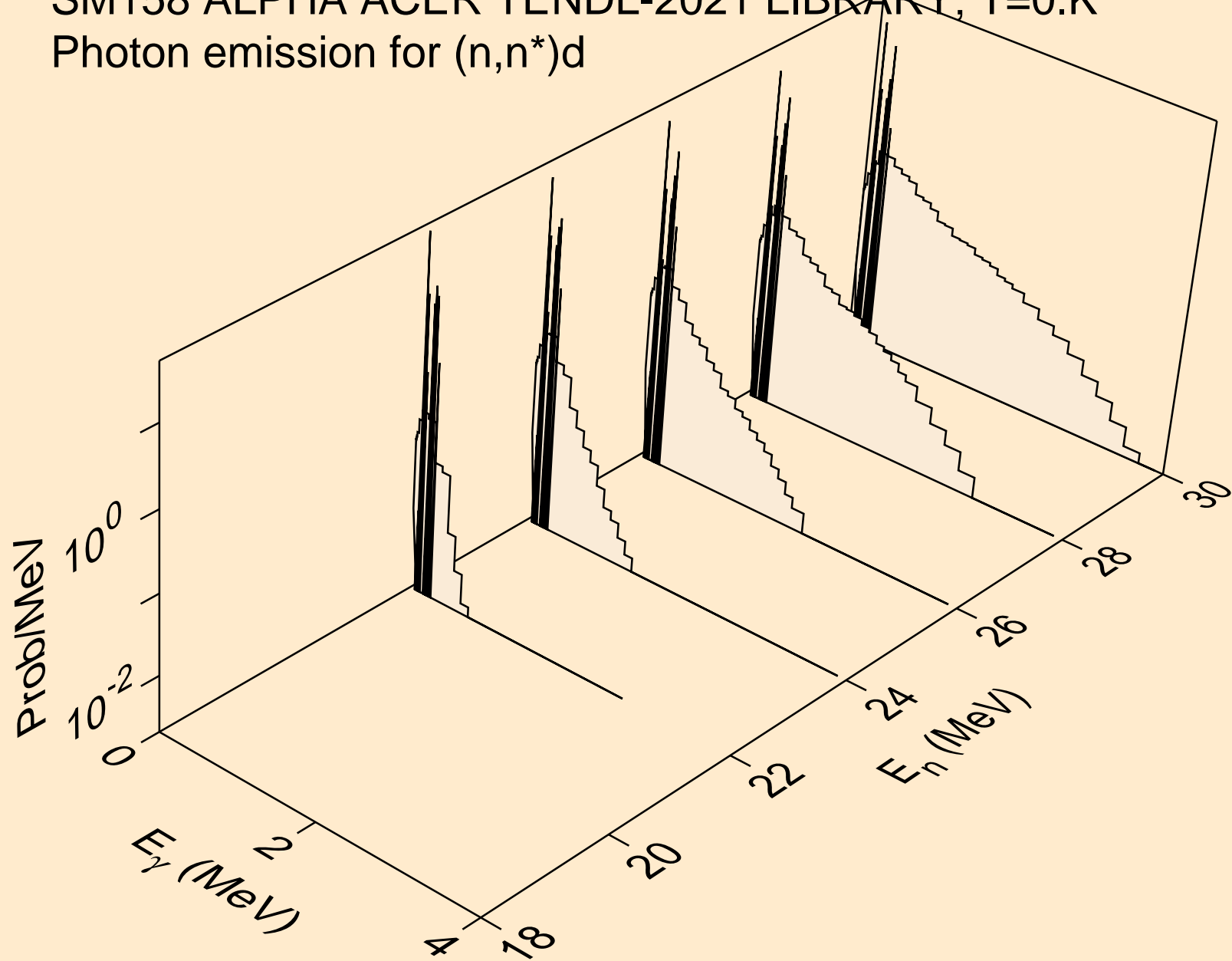
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



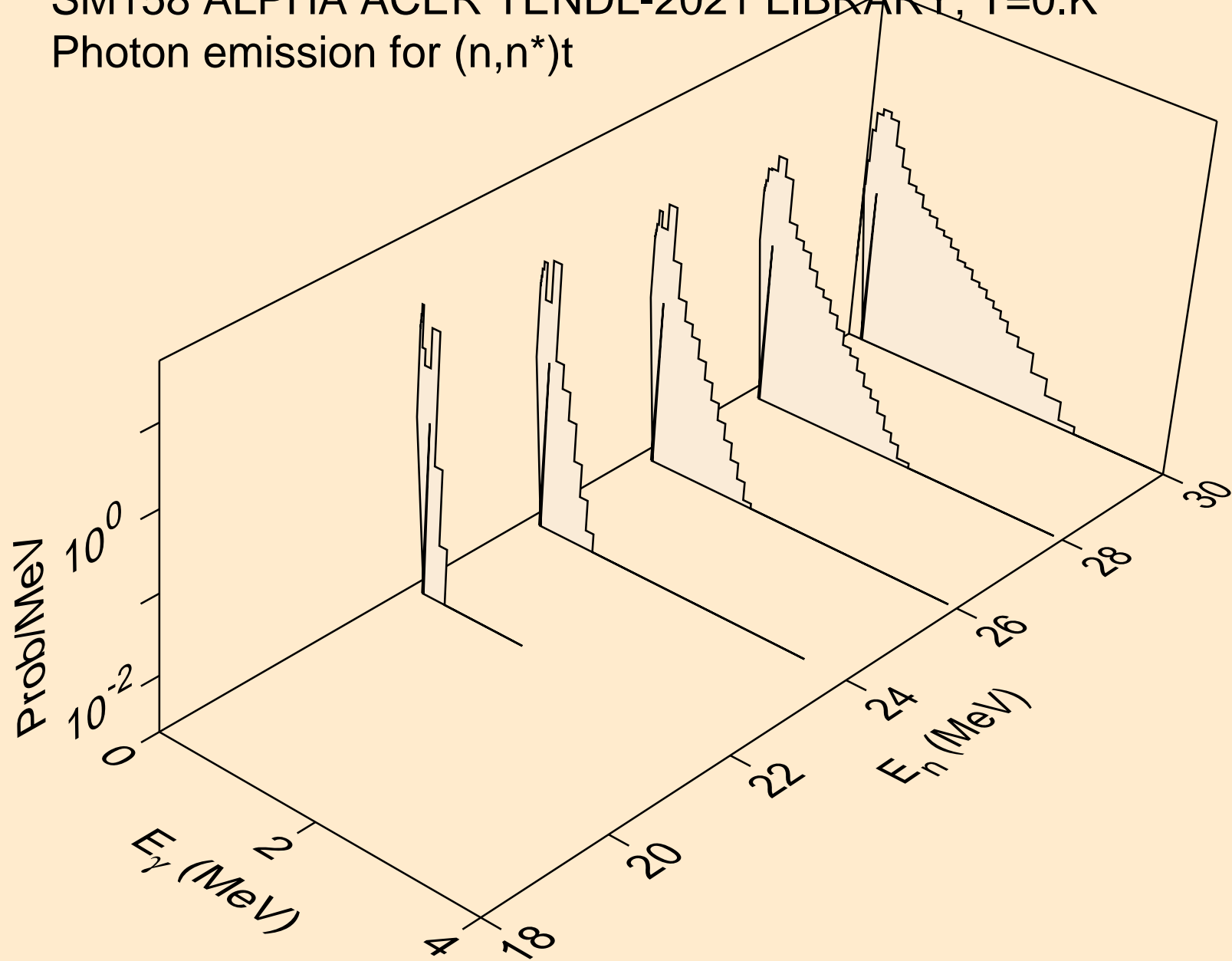
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



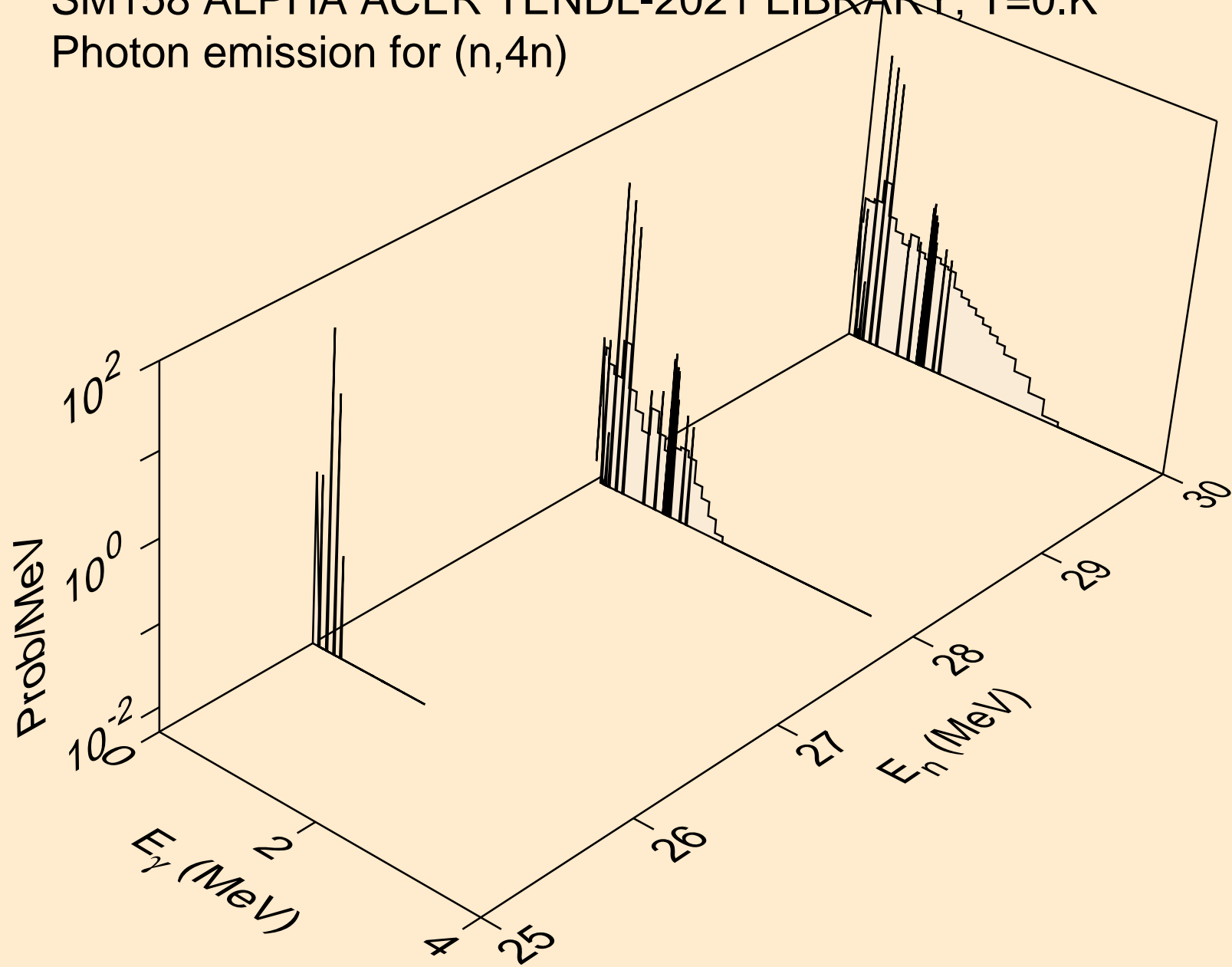
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

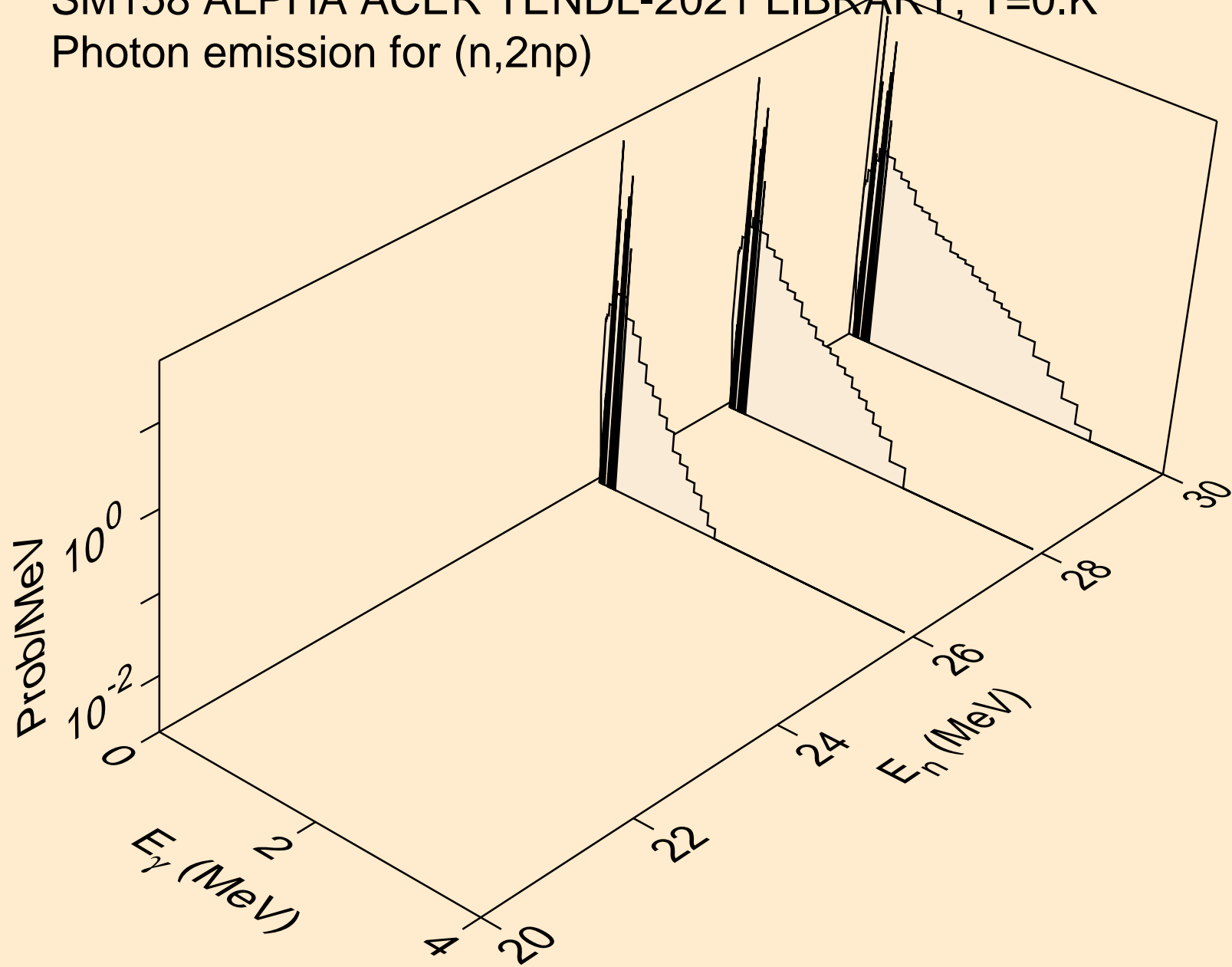


SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

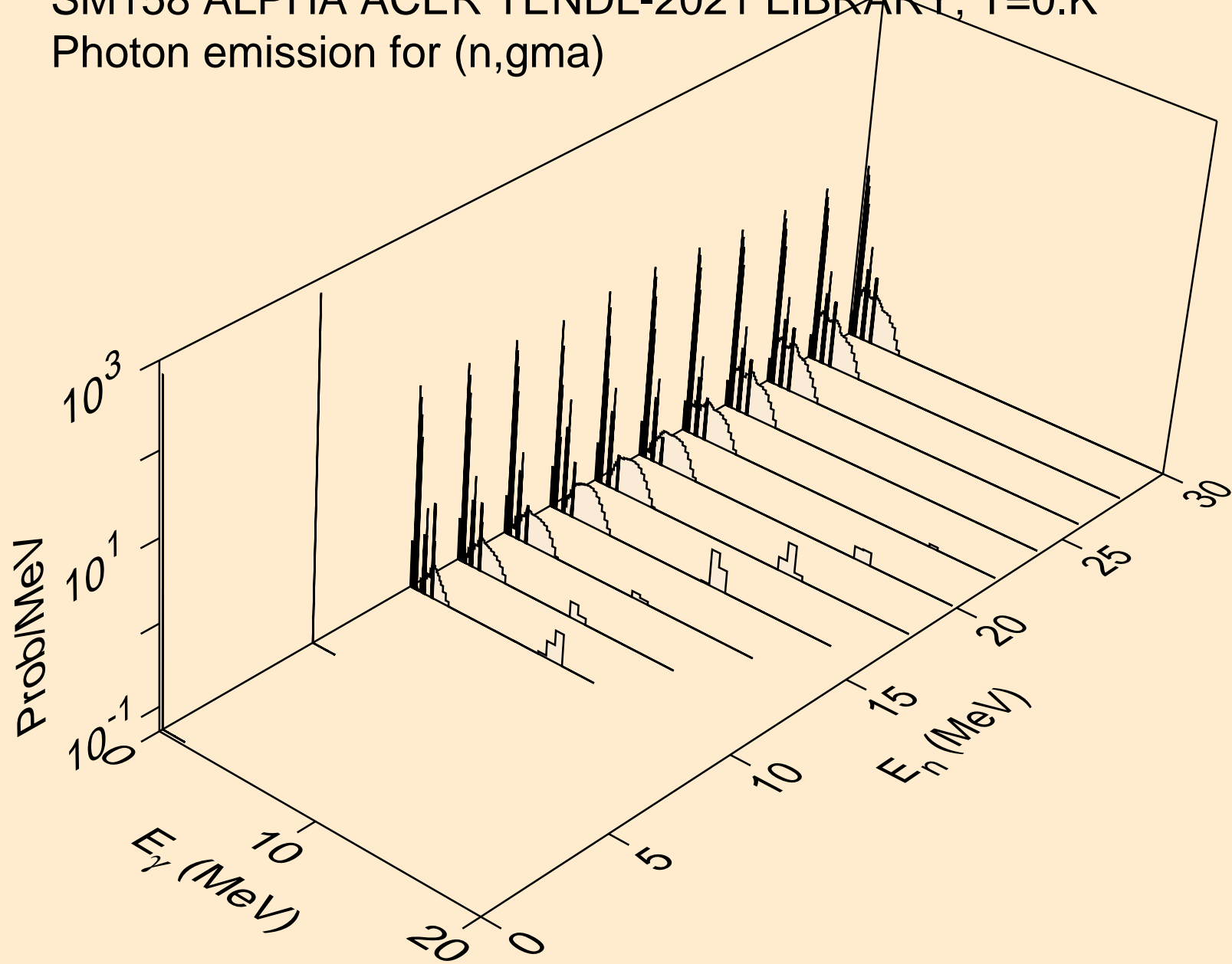




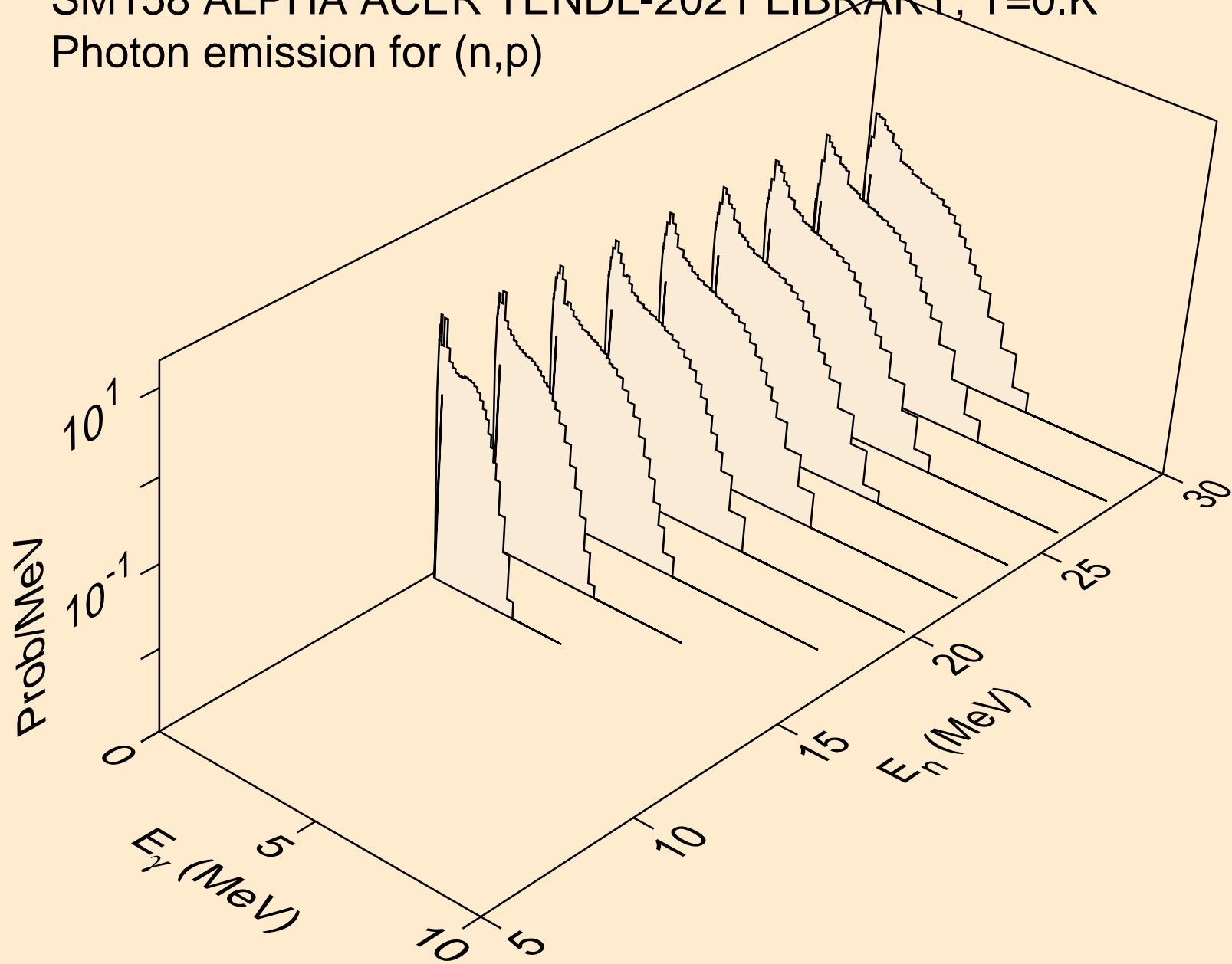
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



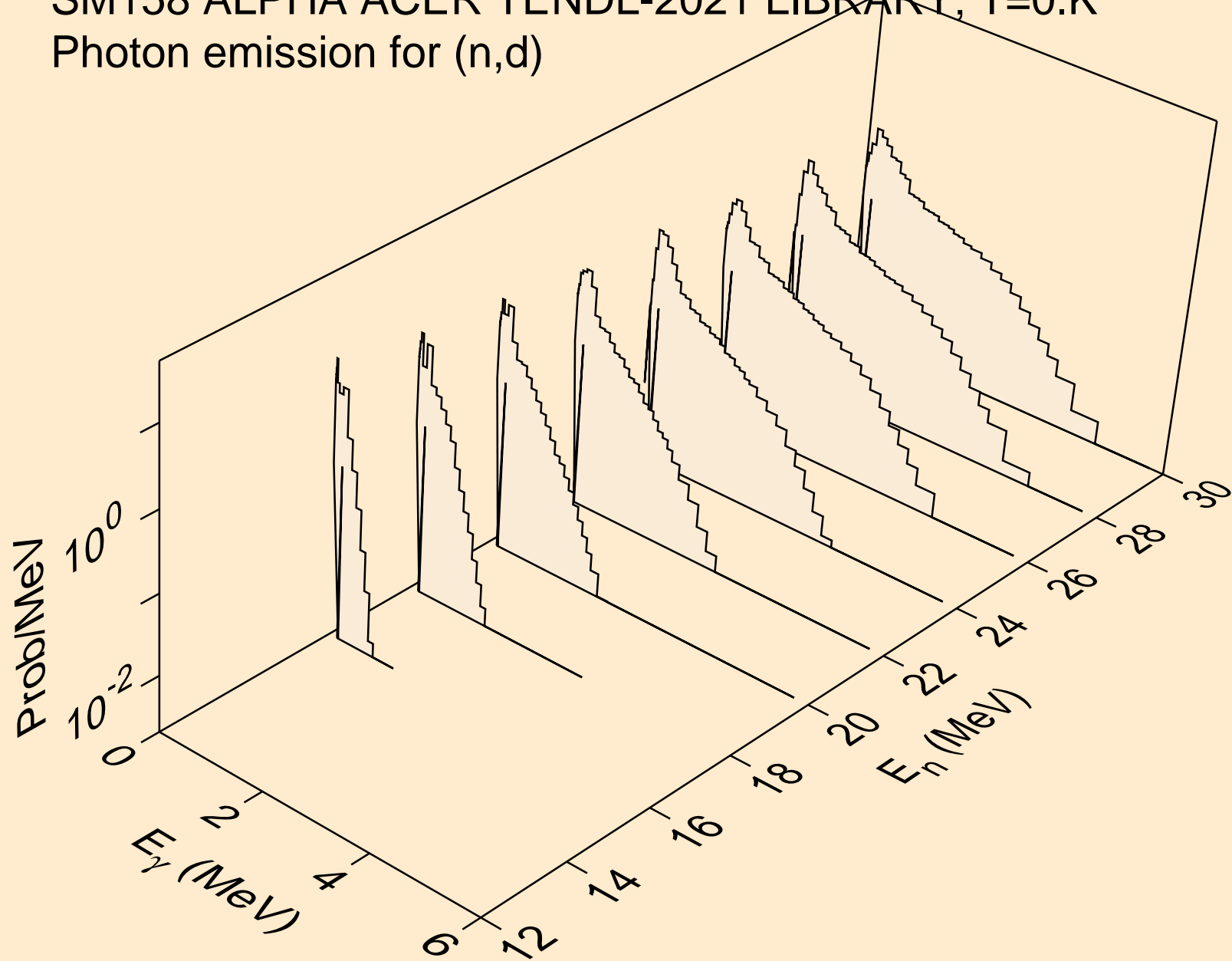
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



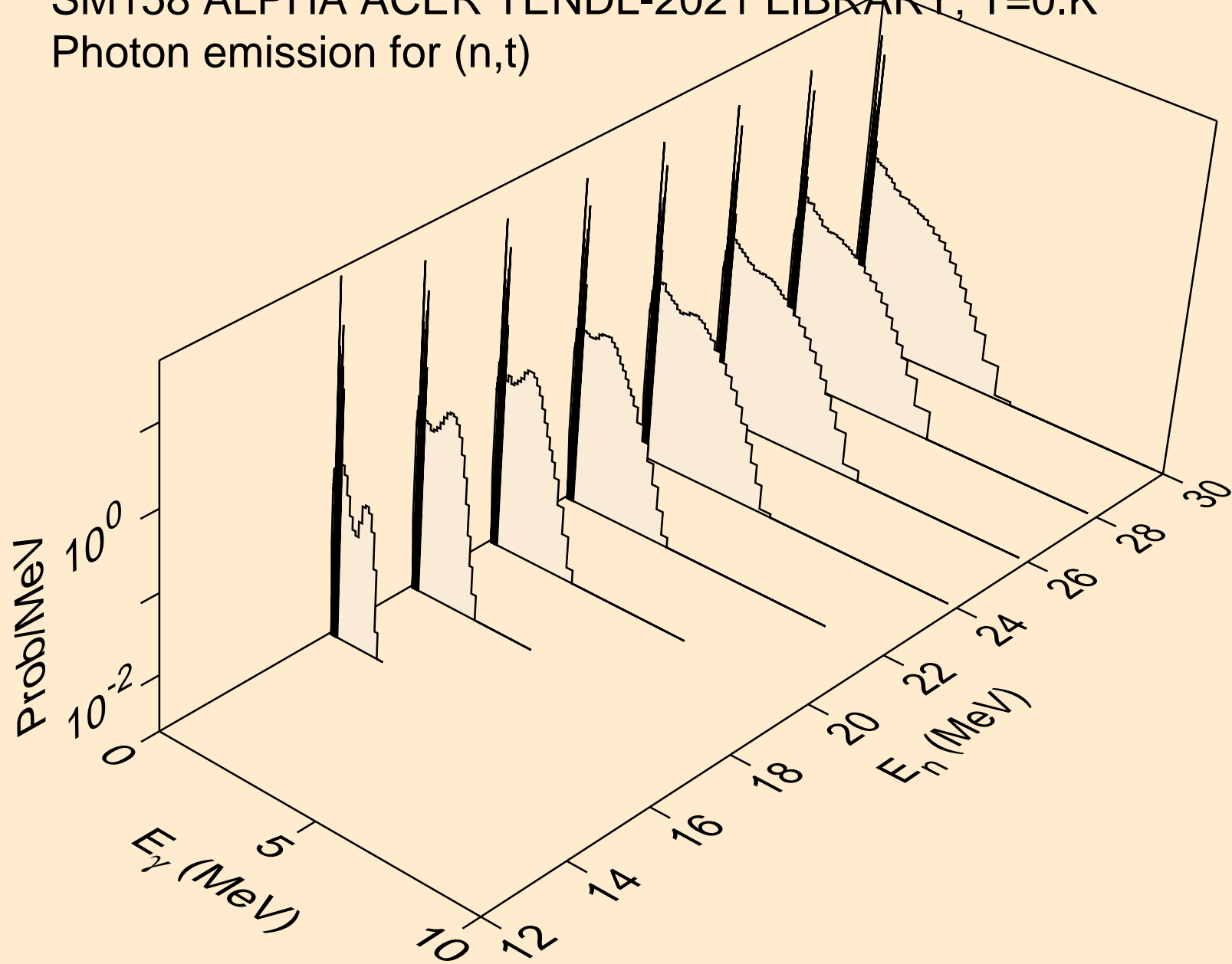
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



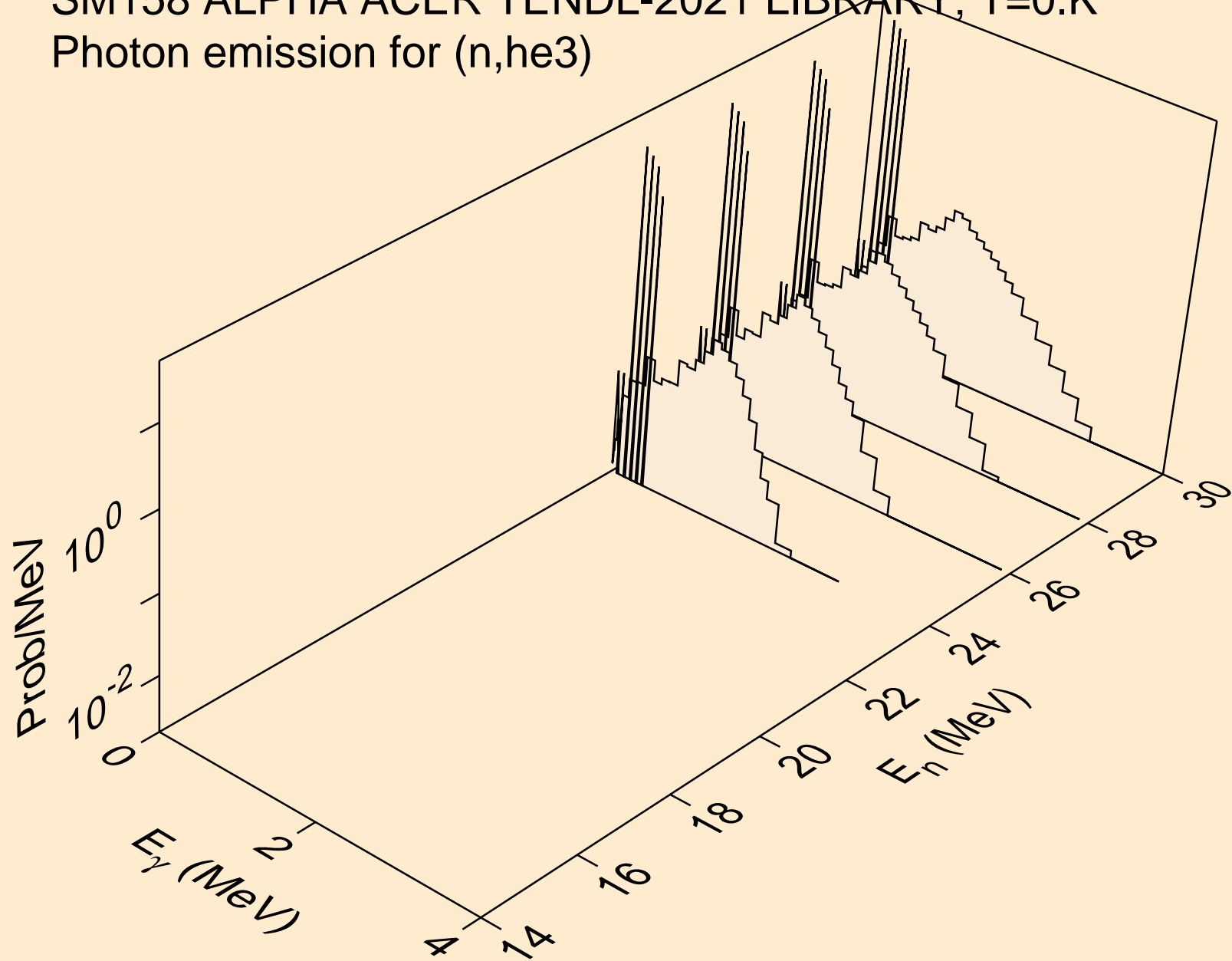
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



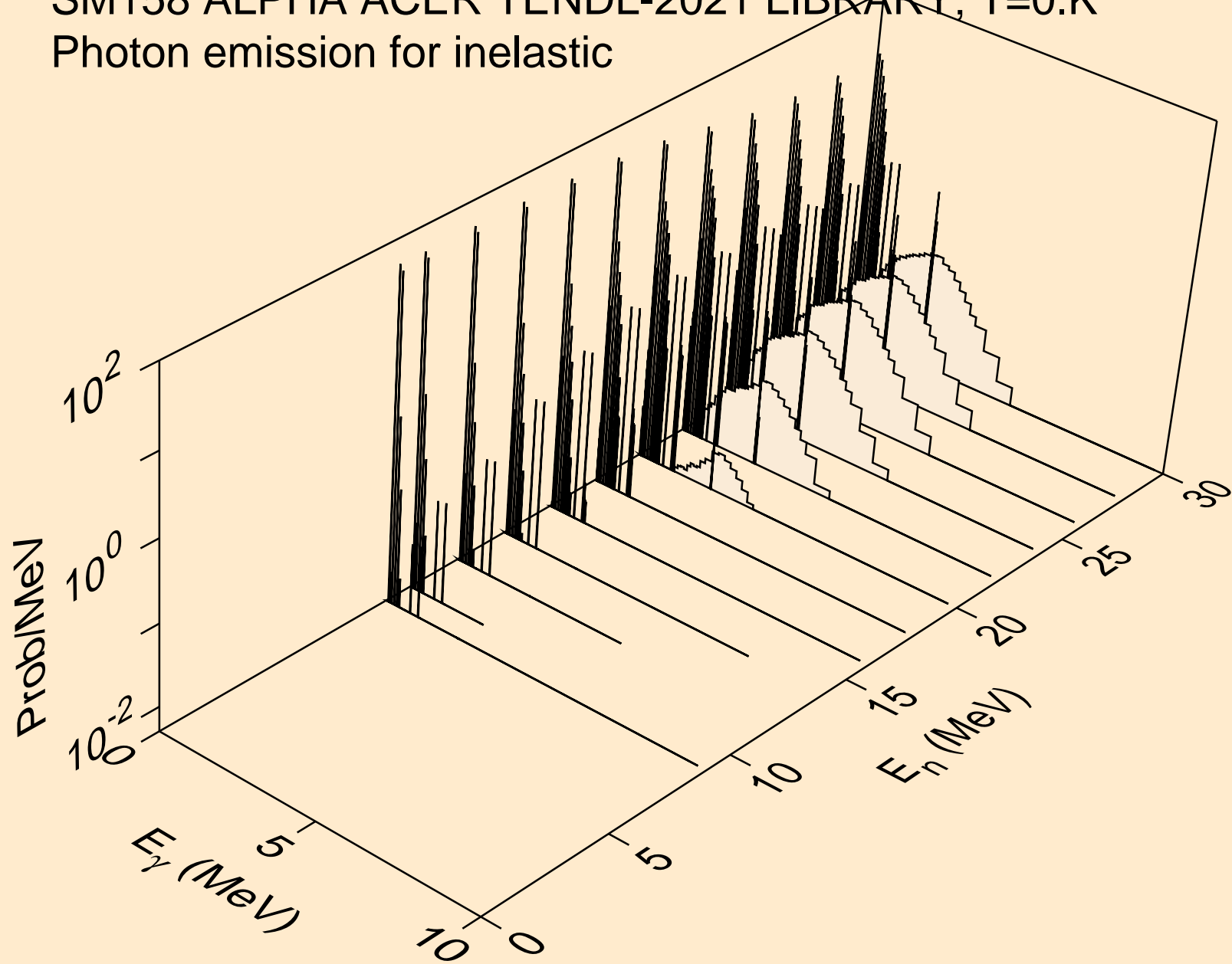
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



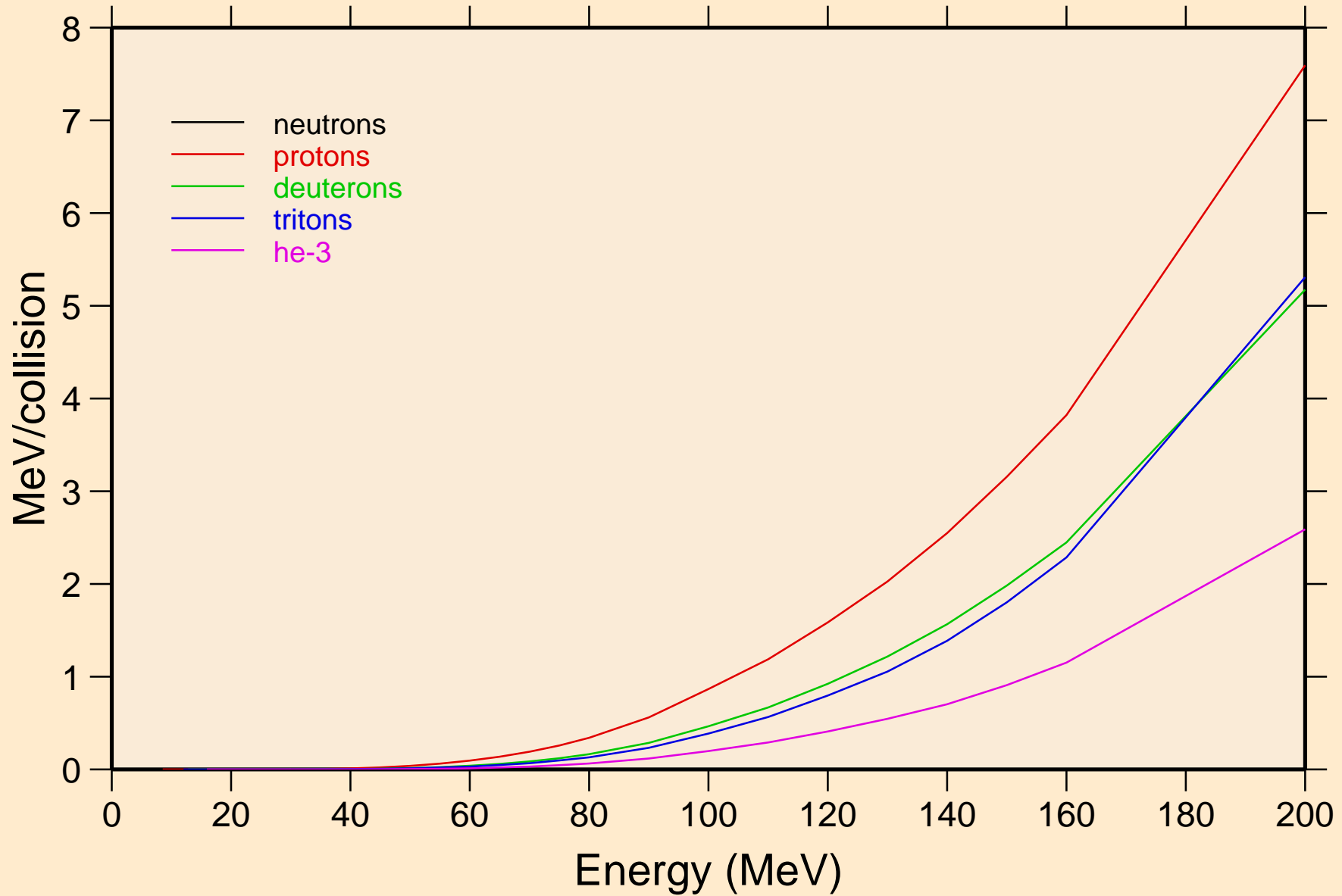
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



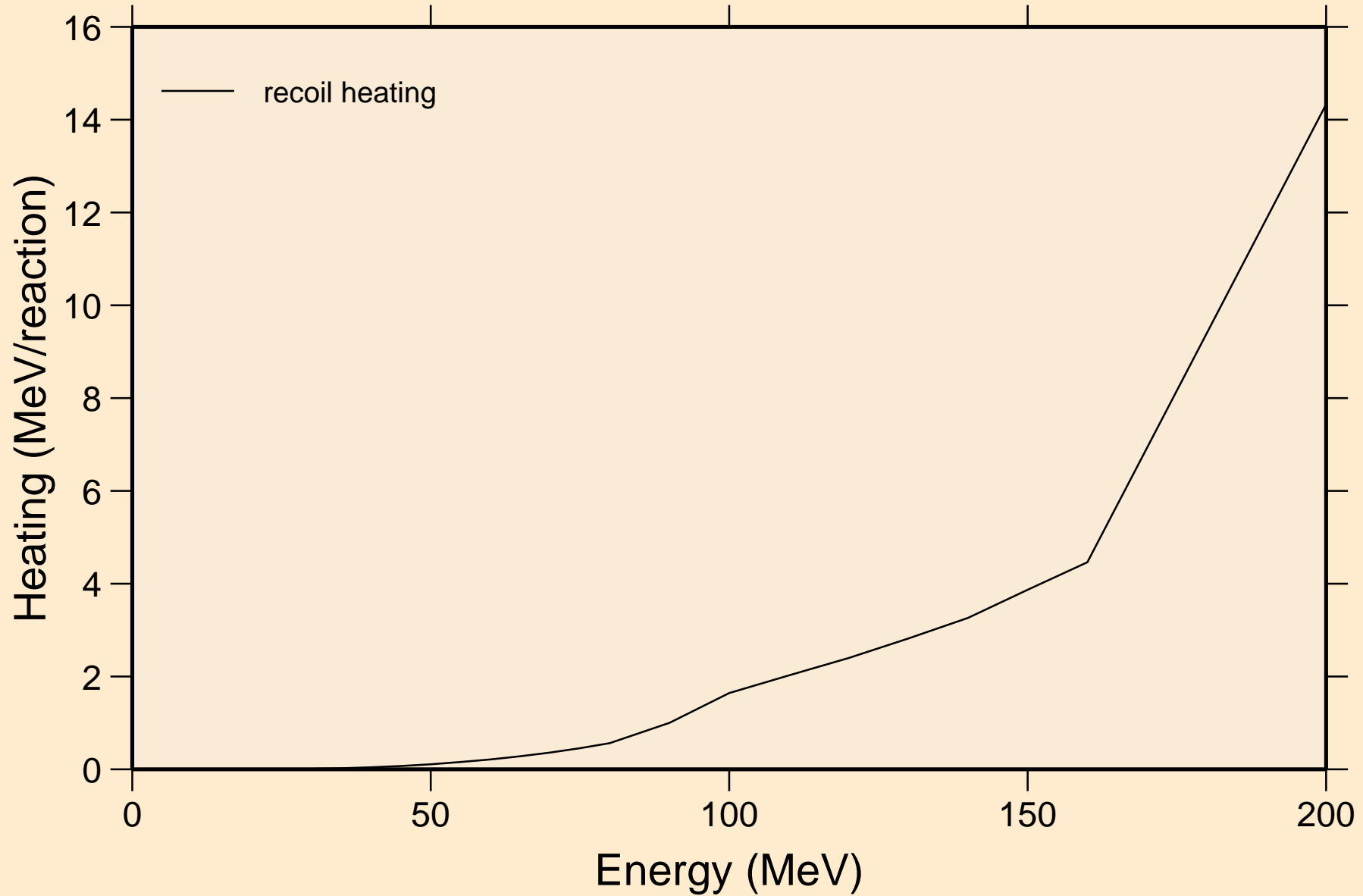
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions





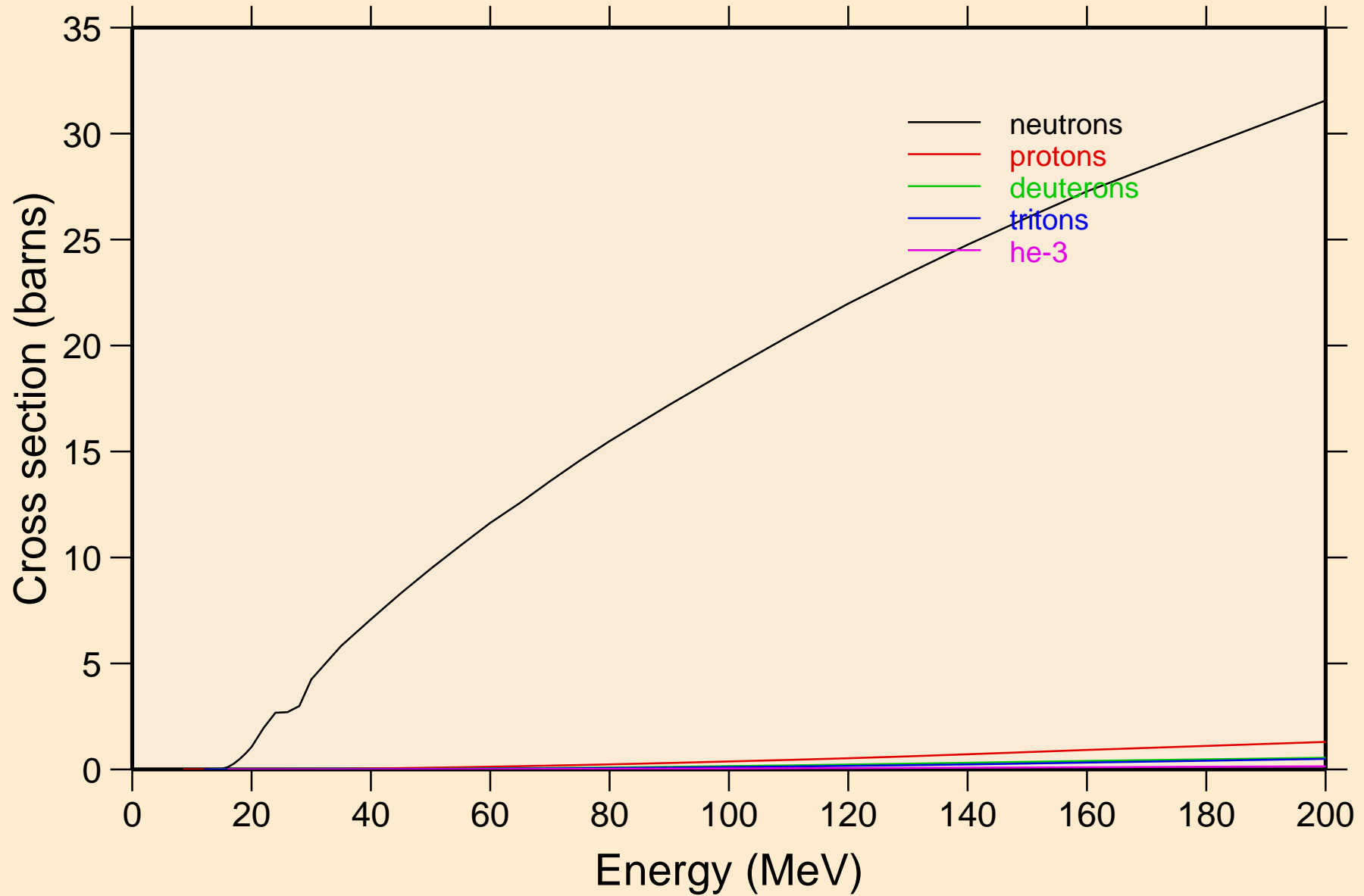
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

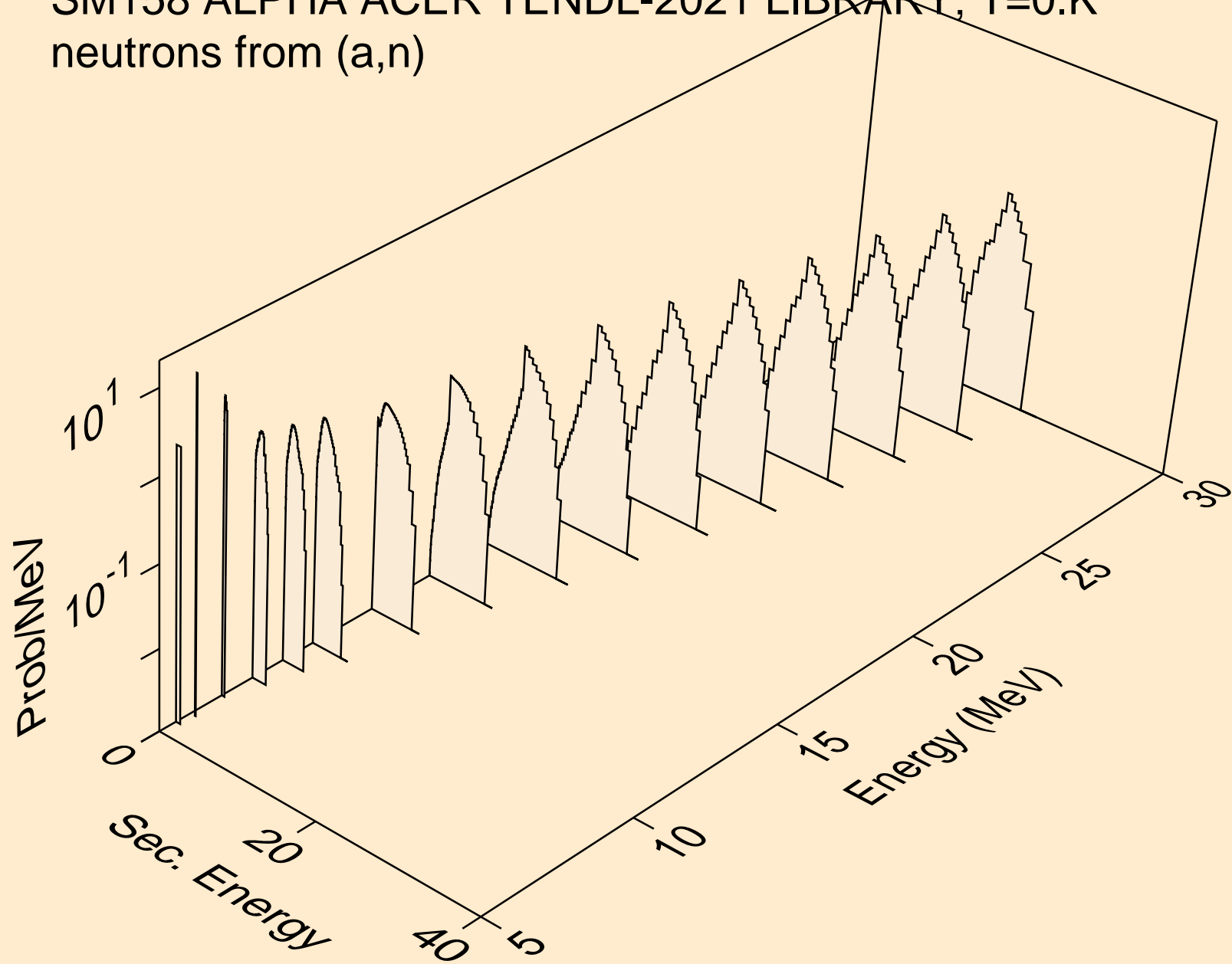


# SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

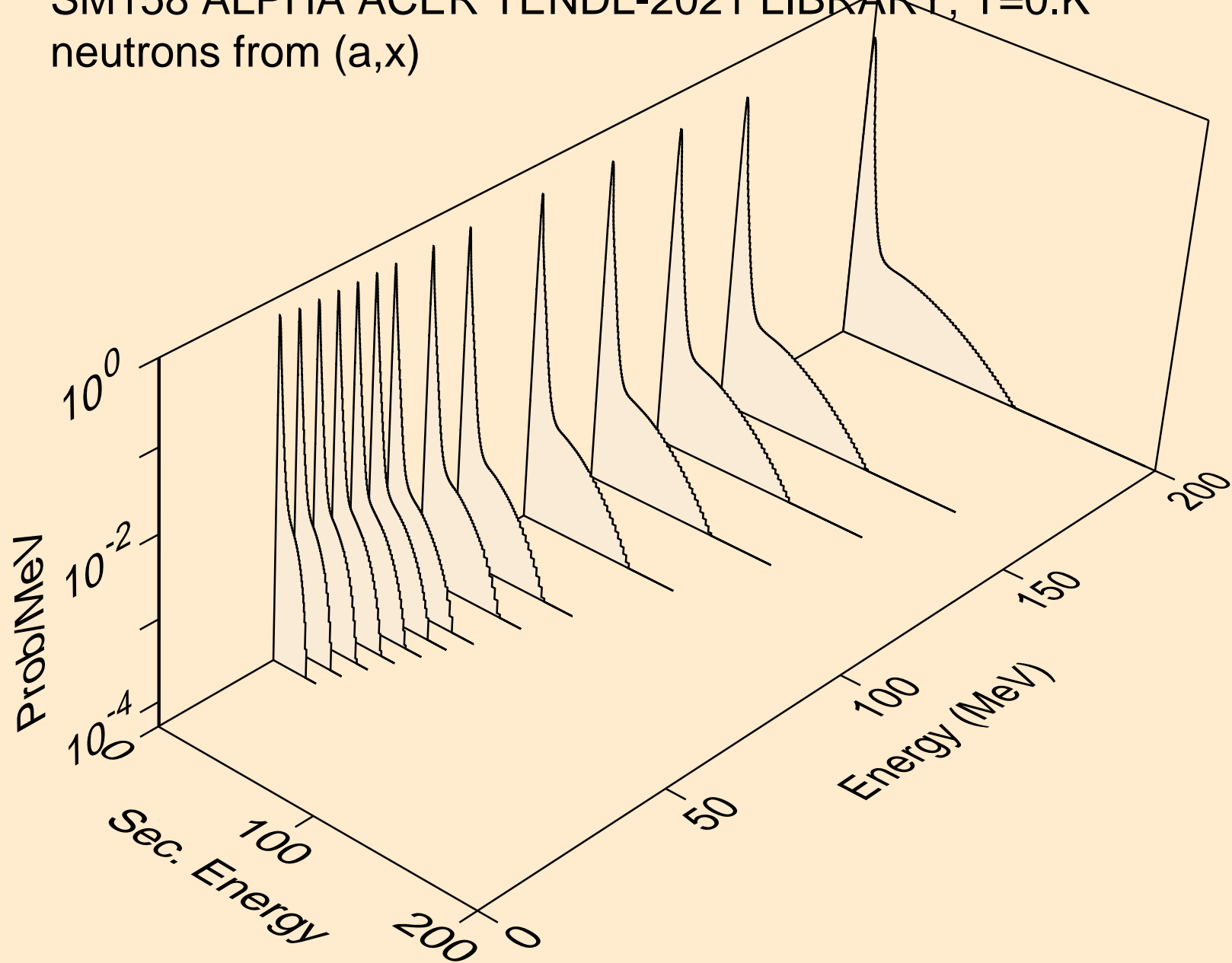
## Particle production cross sections



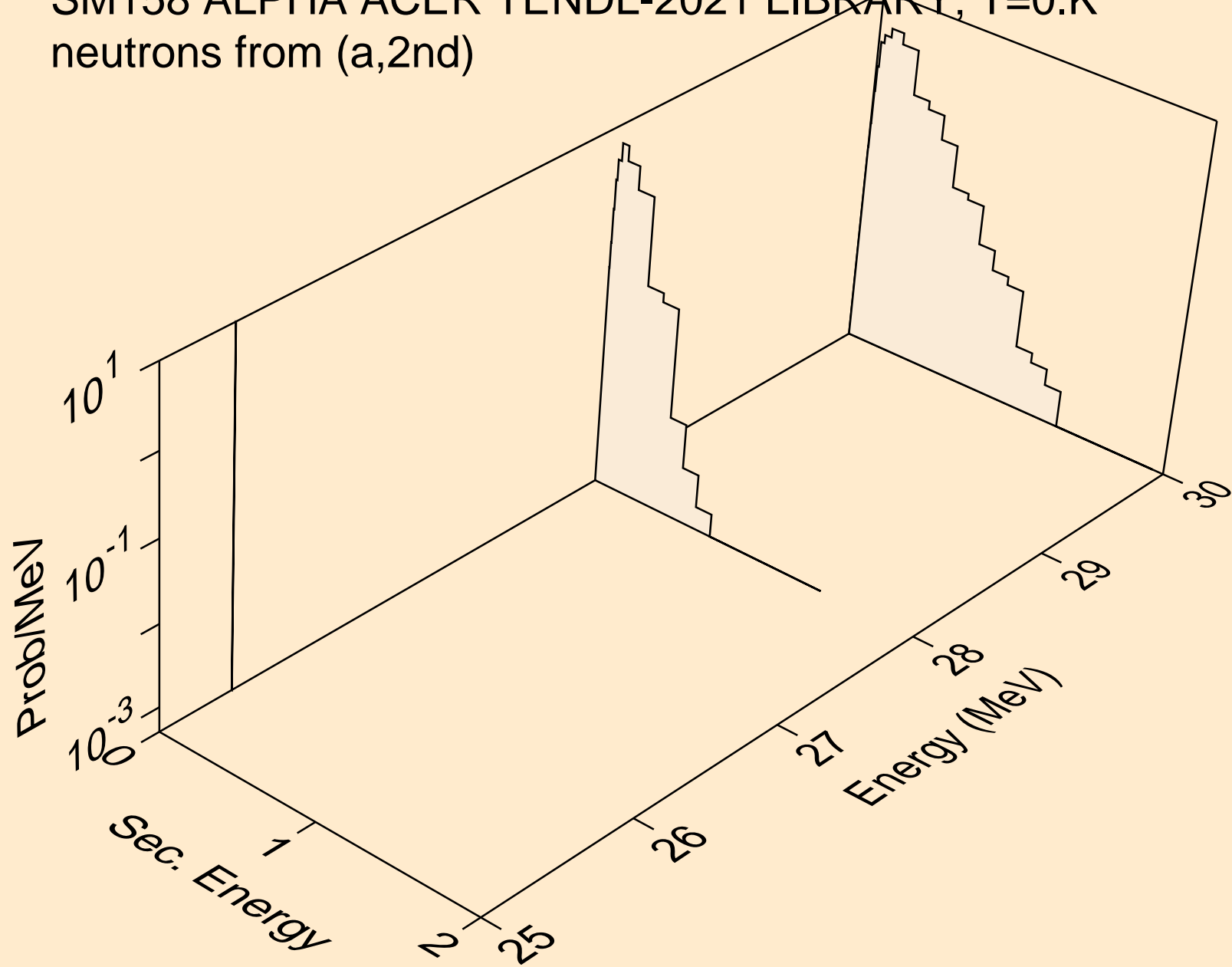
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



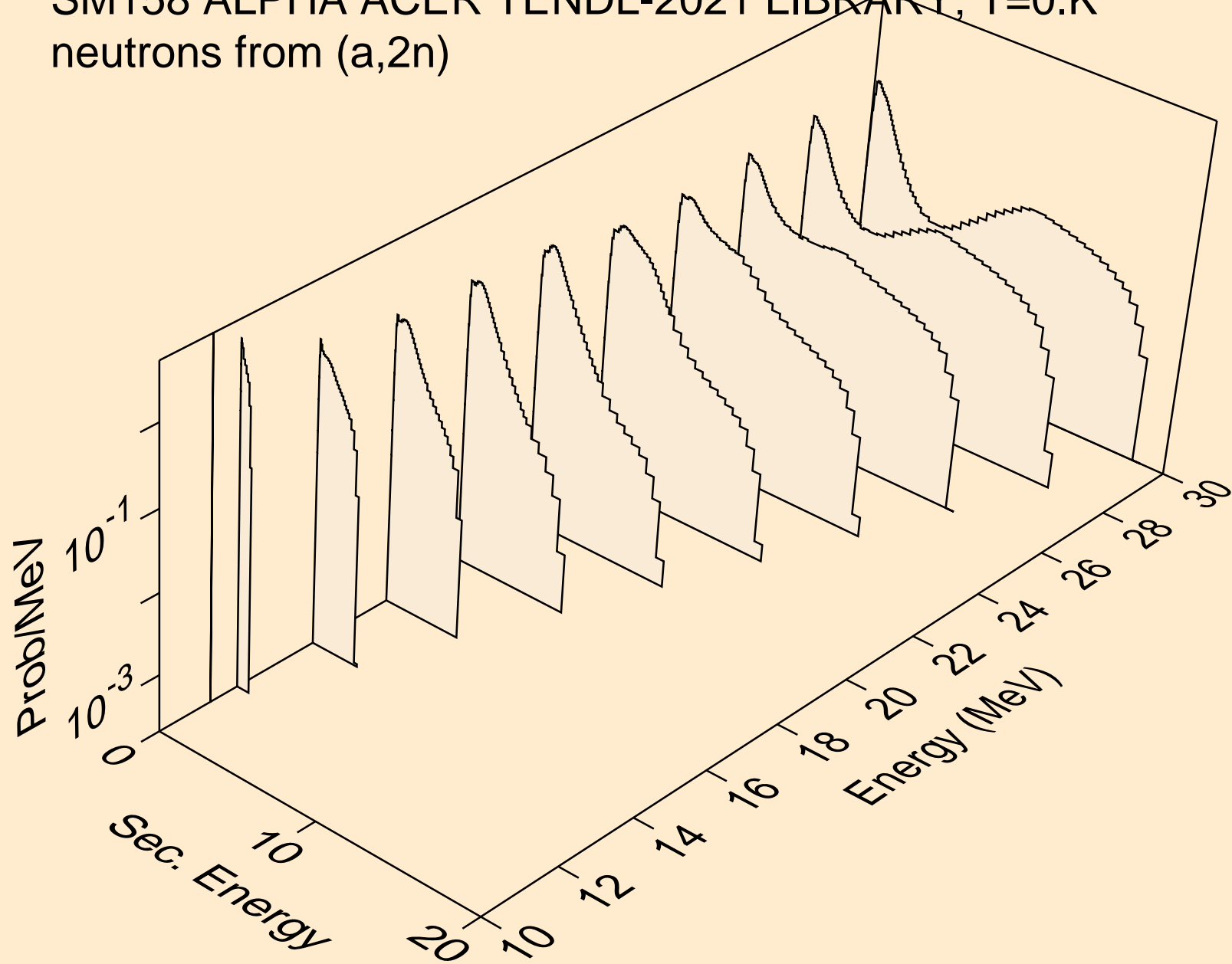
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



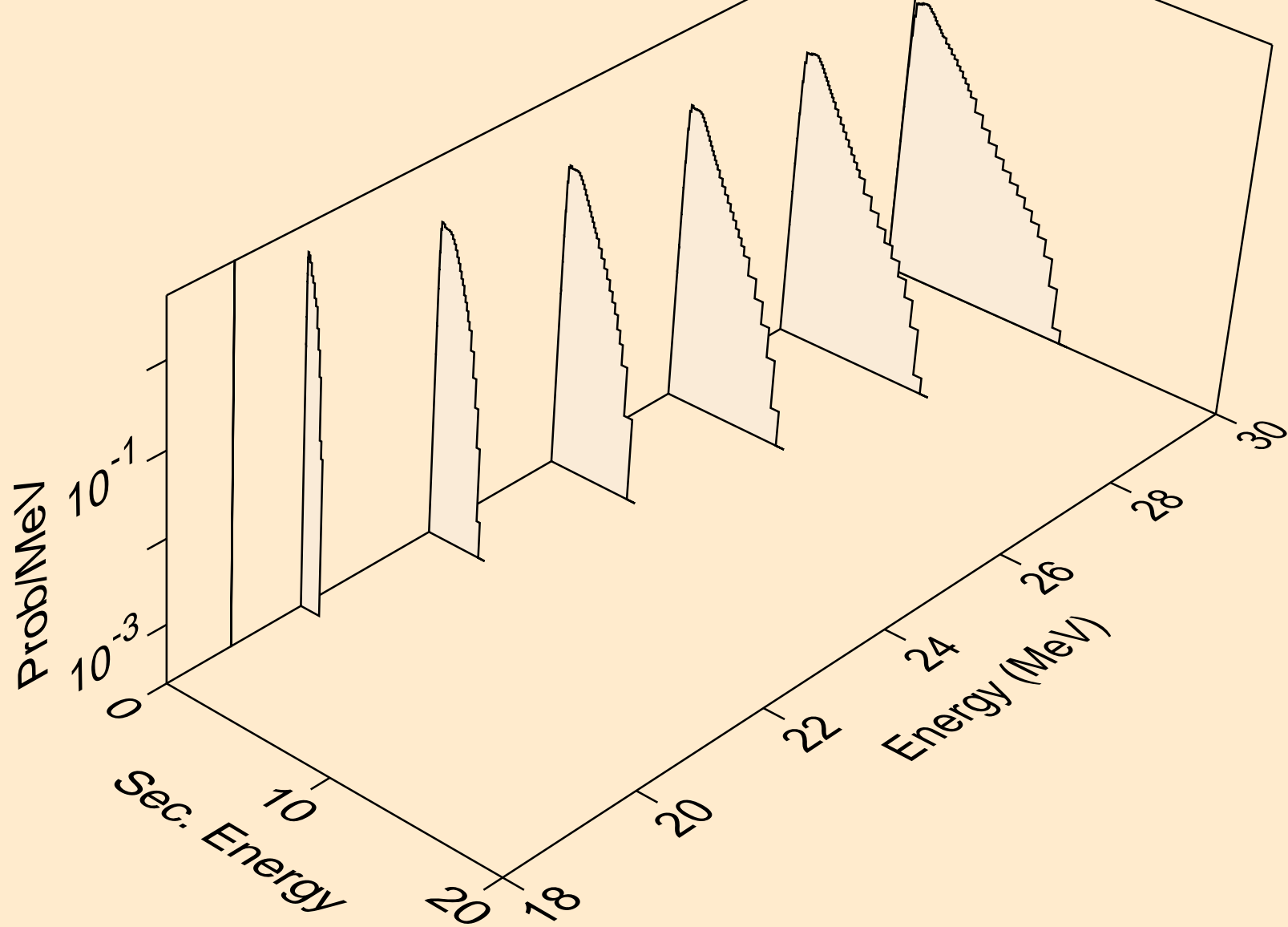
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2nd)



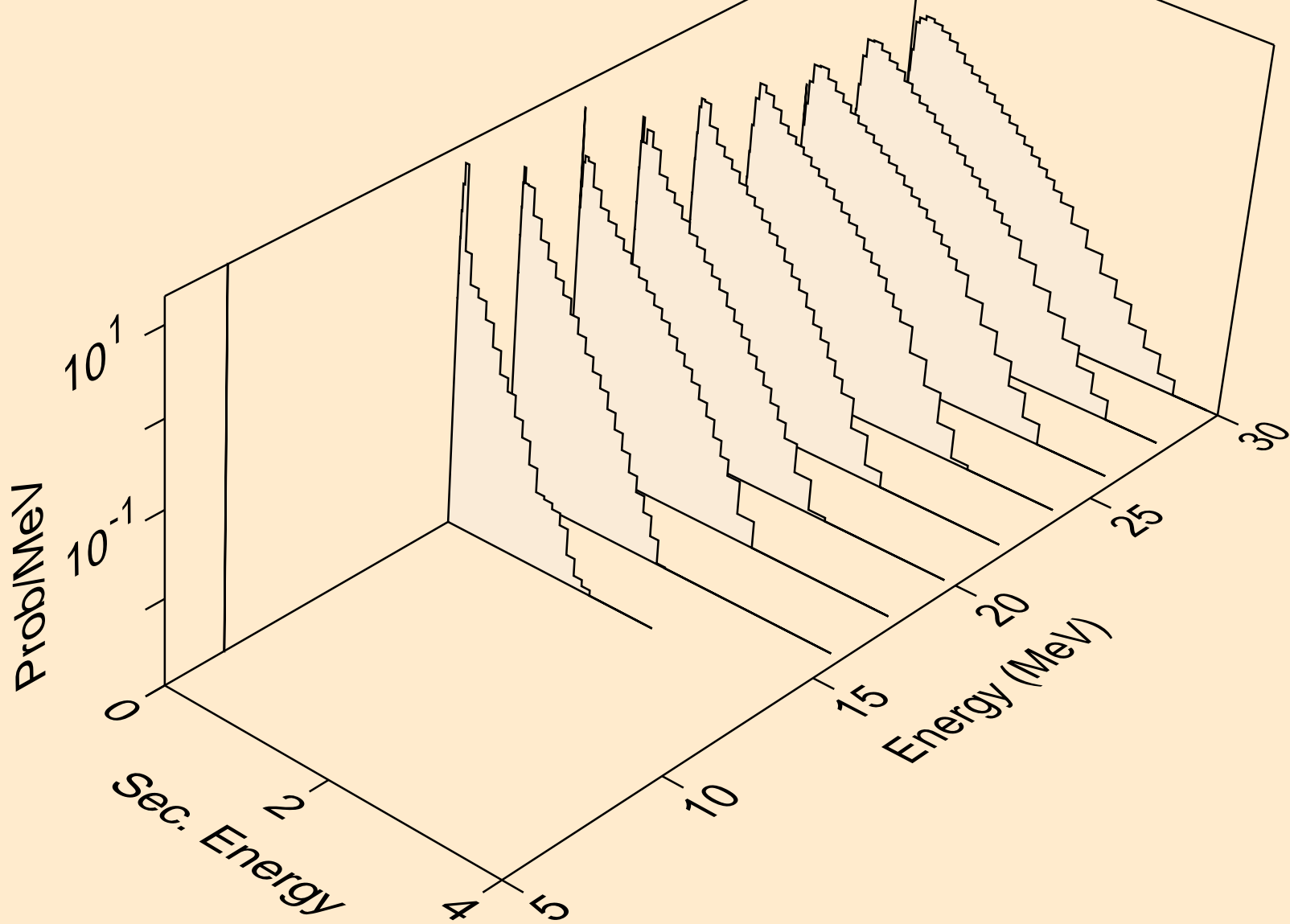
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)

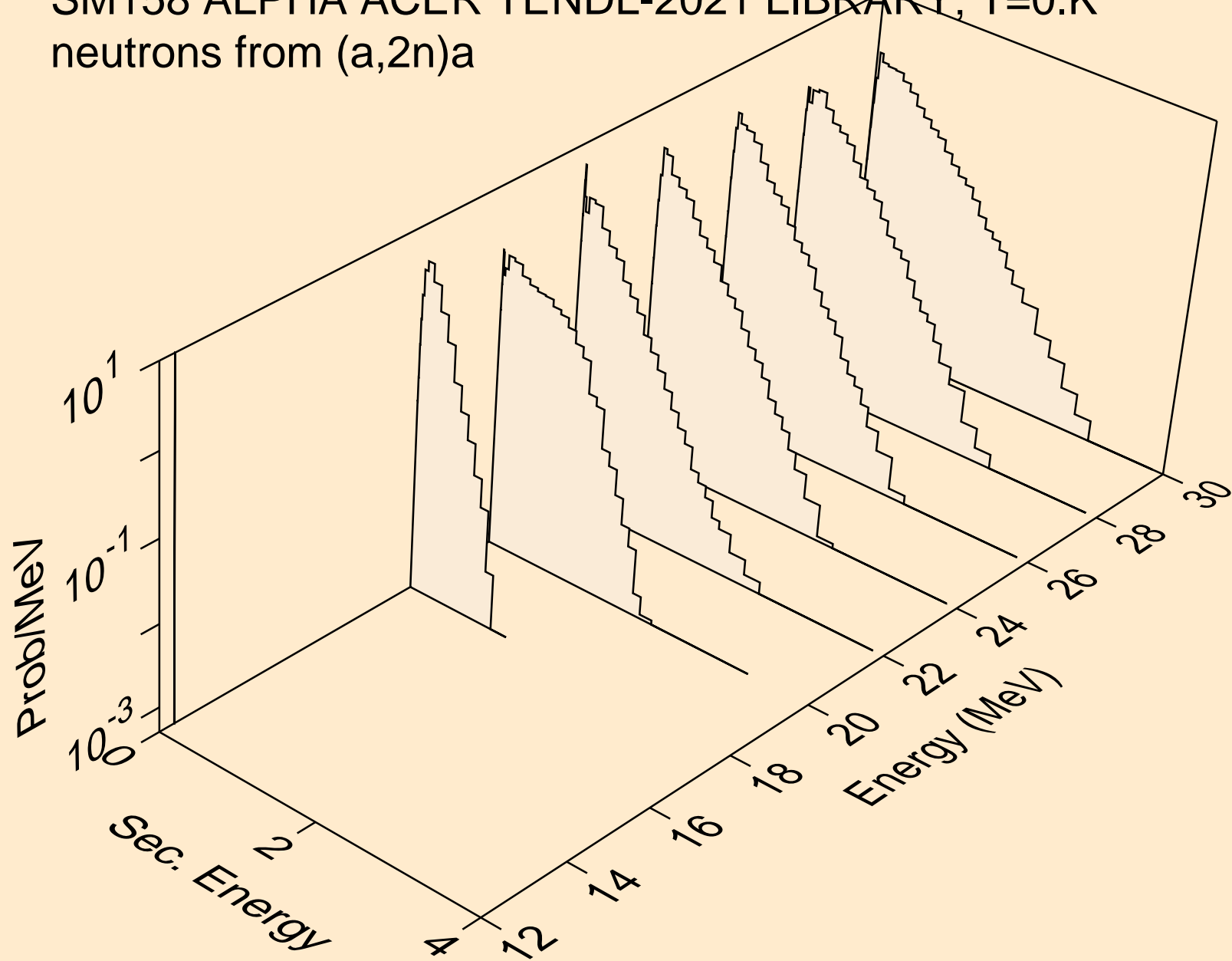


SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a

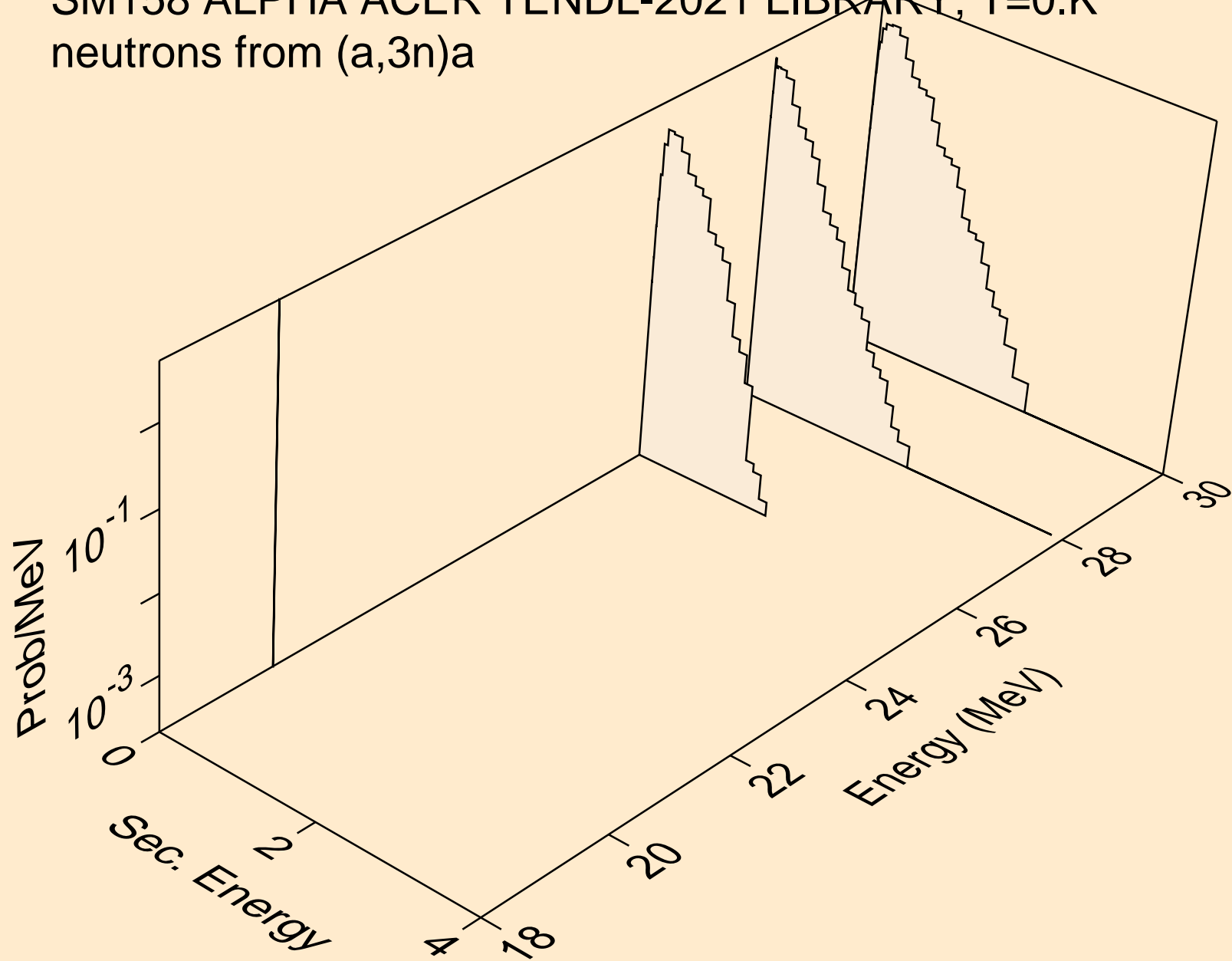




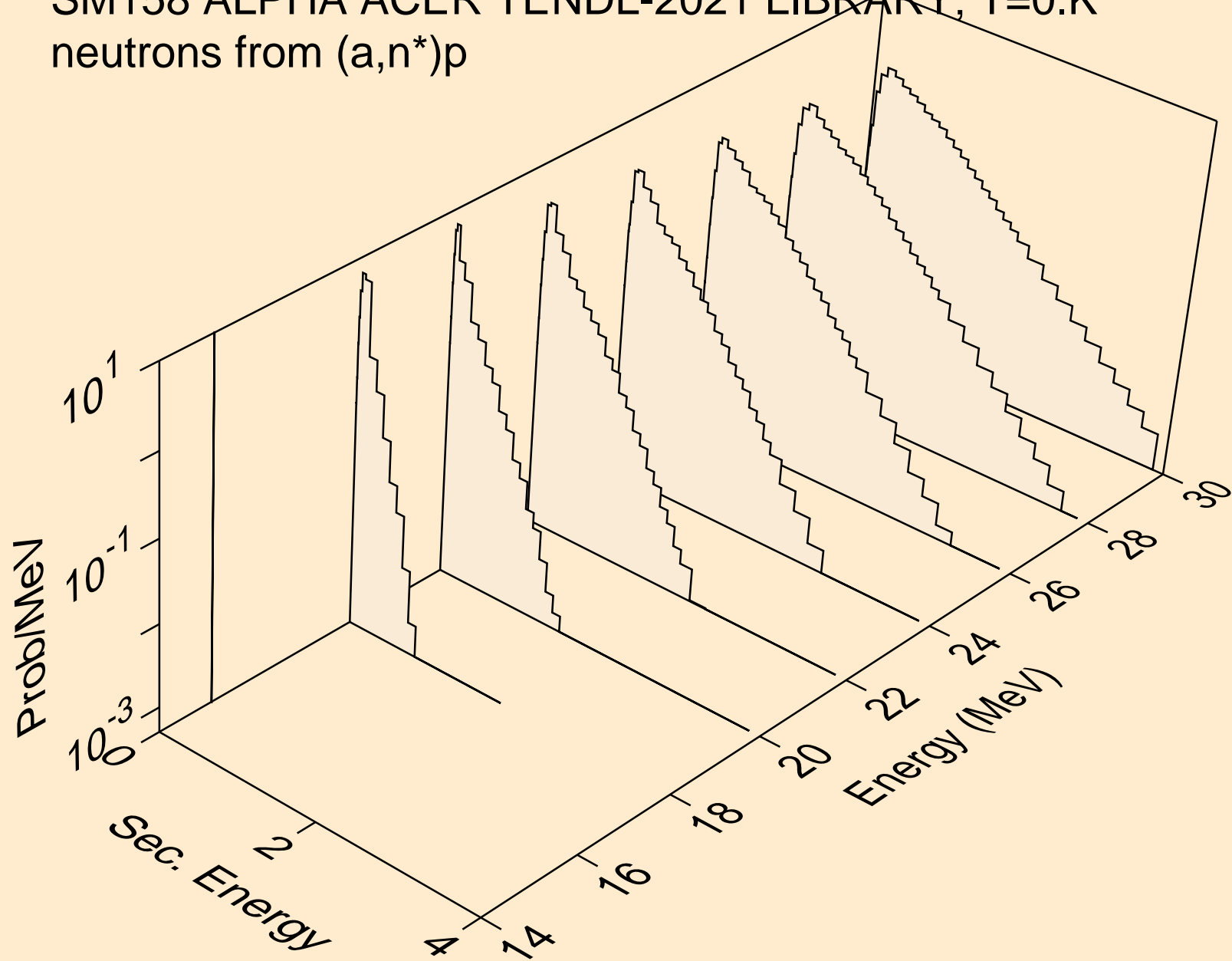
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



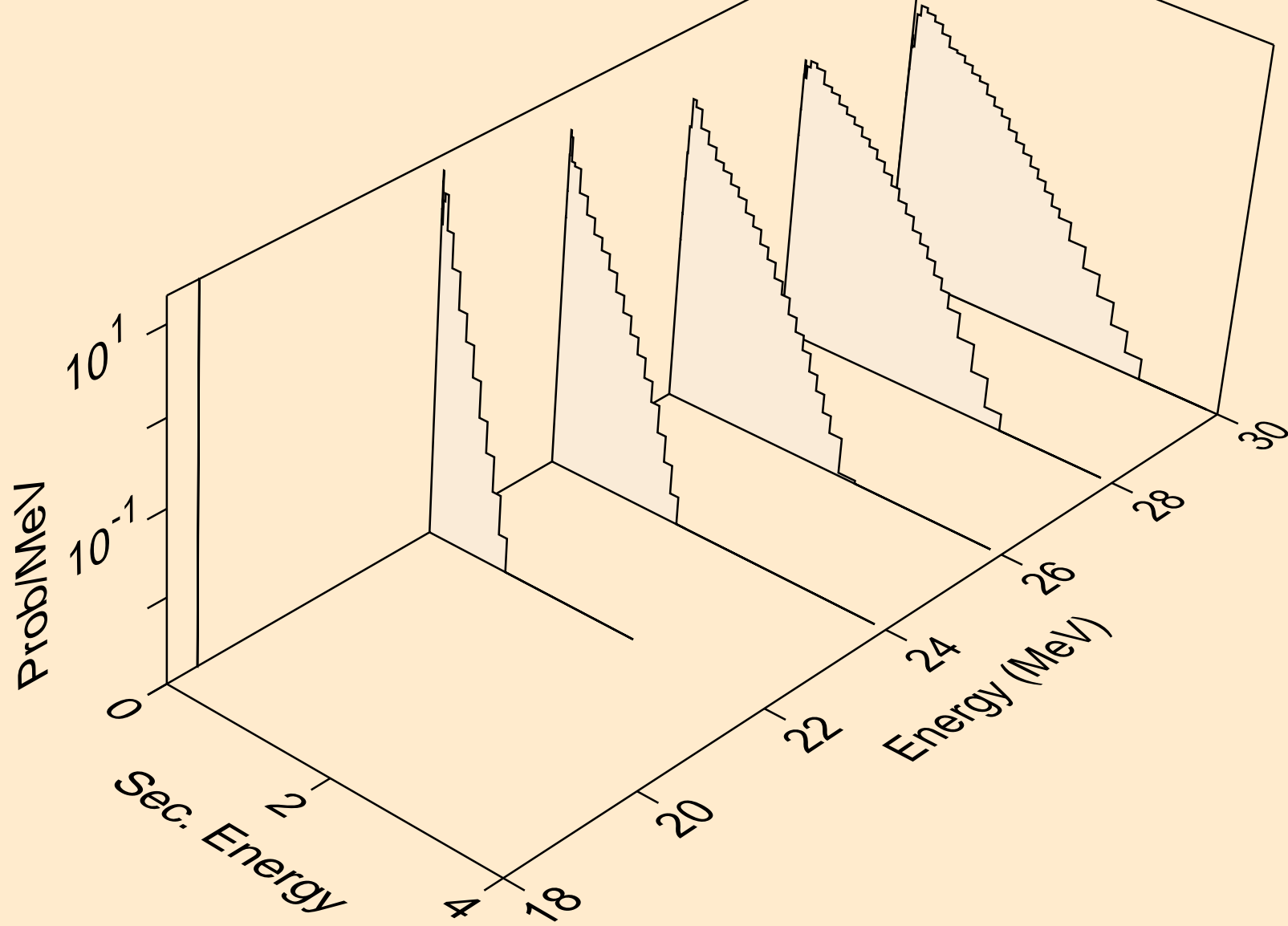
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)a



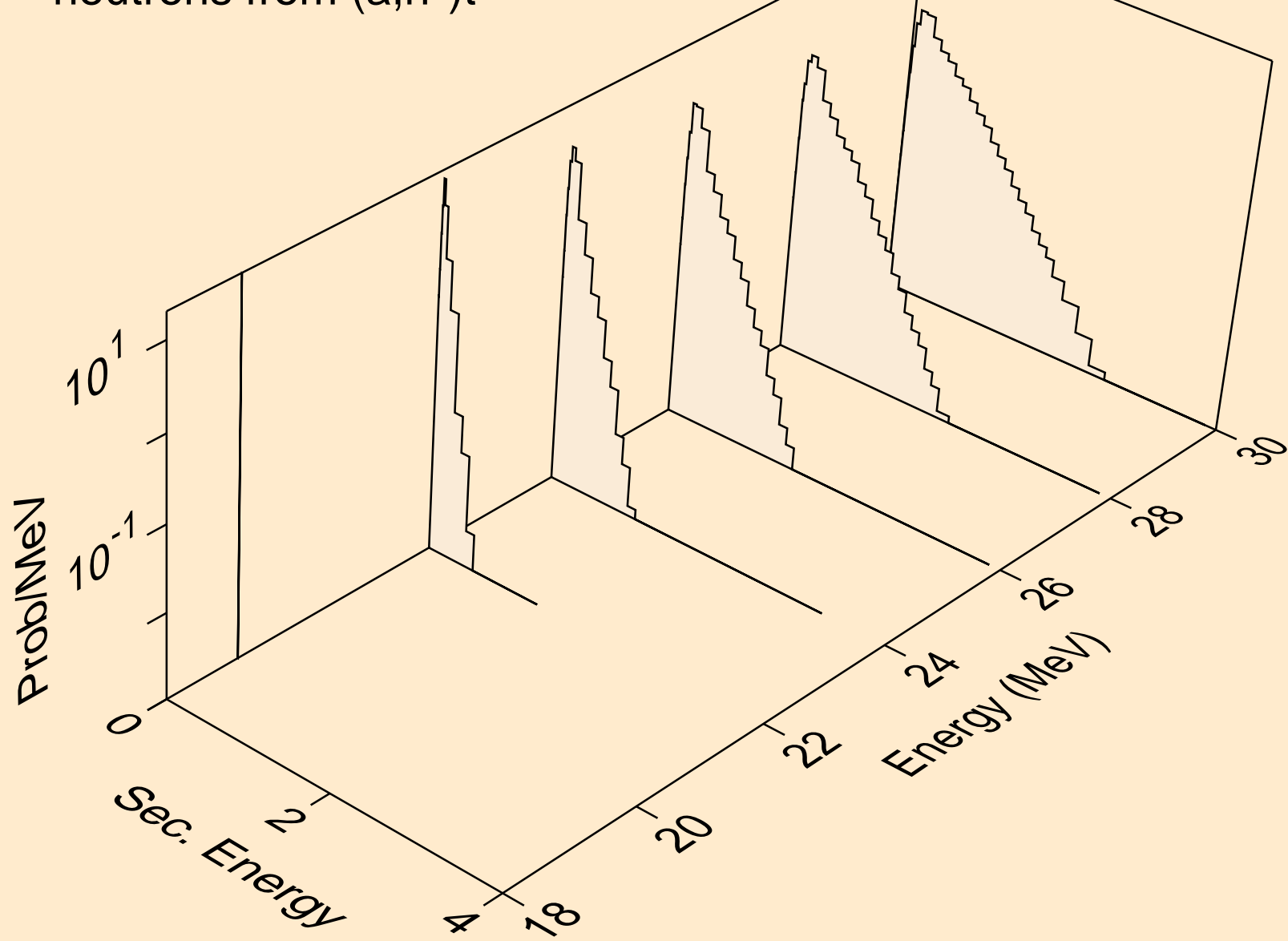
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



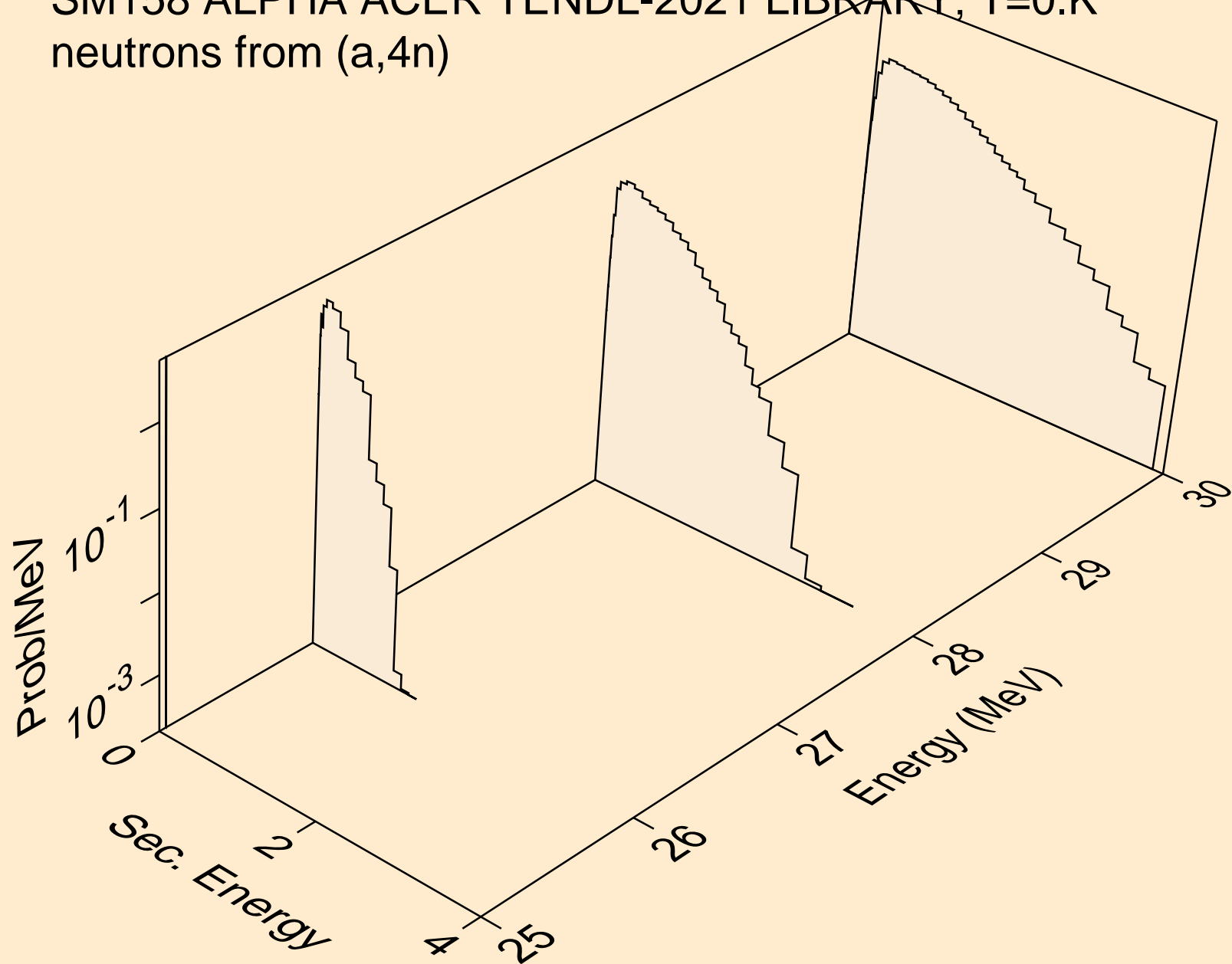
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



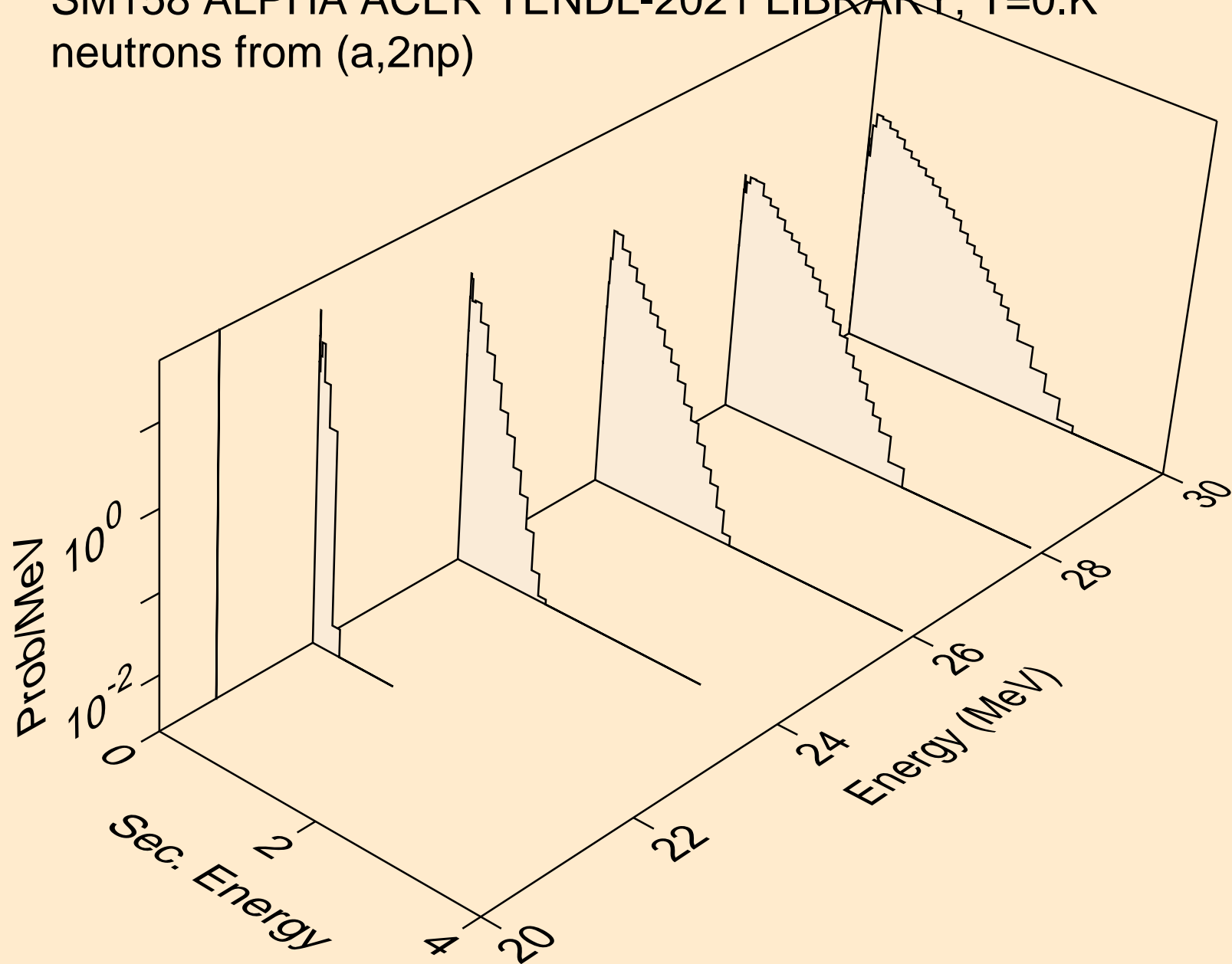
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t



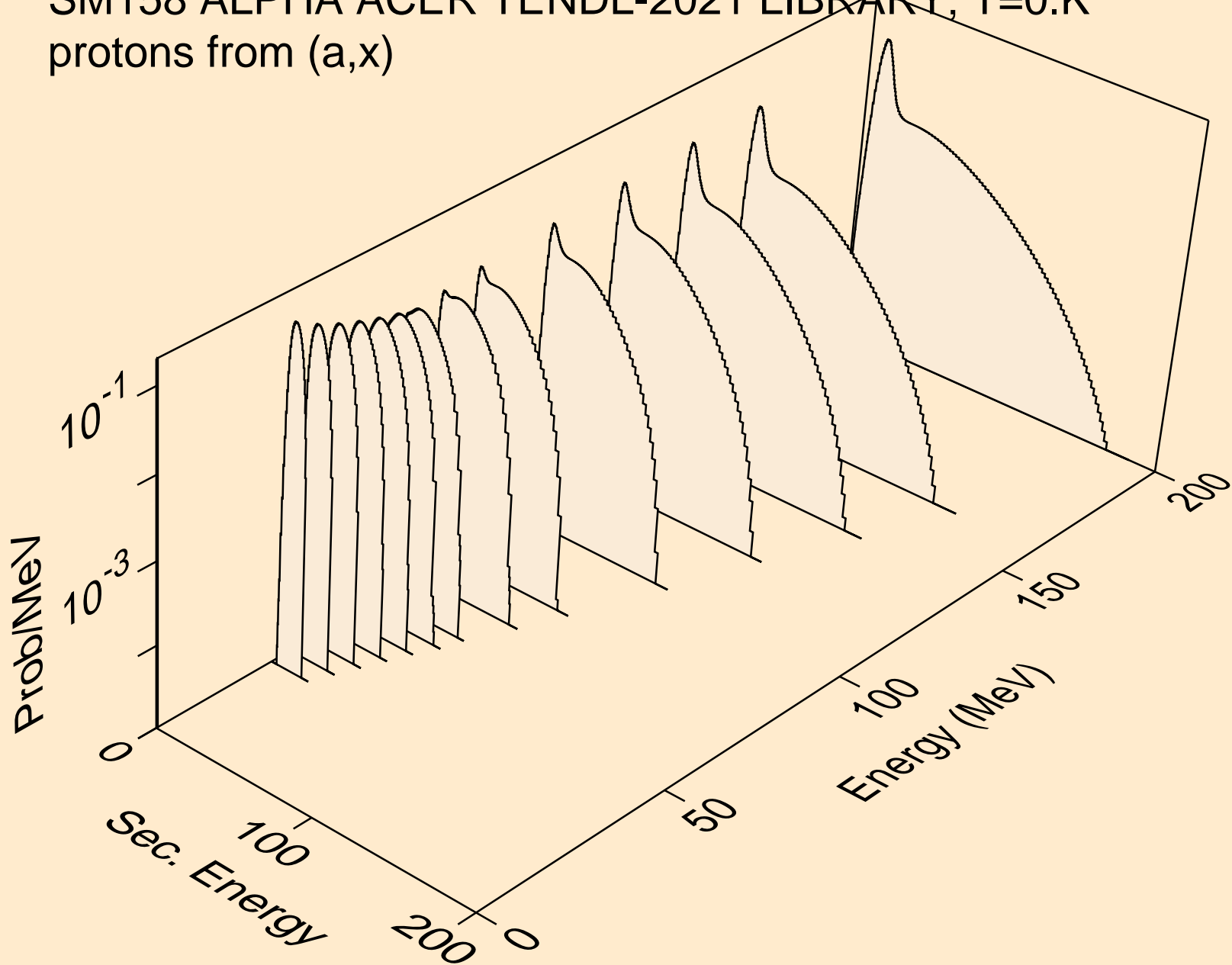
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,4n)



SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)

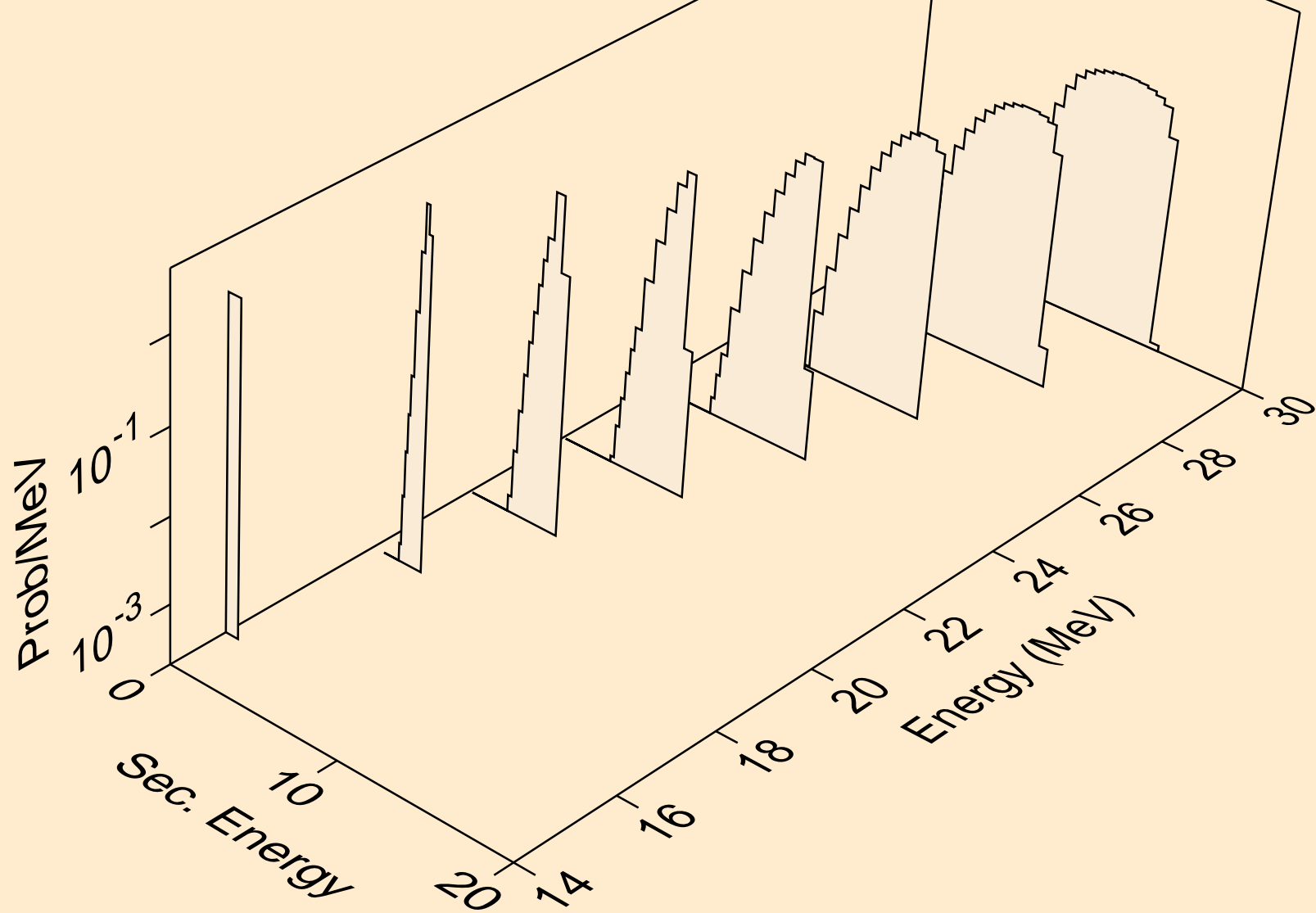


SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)

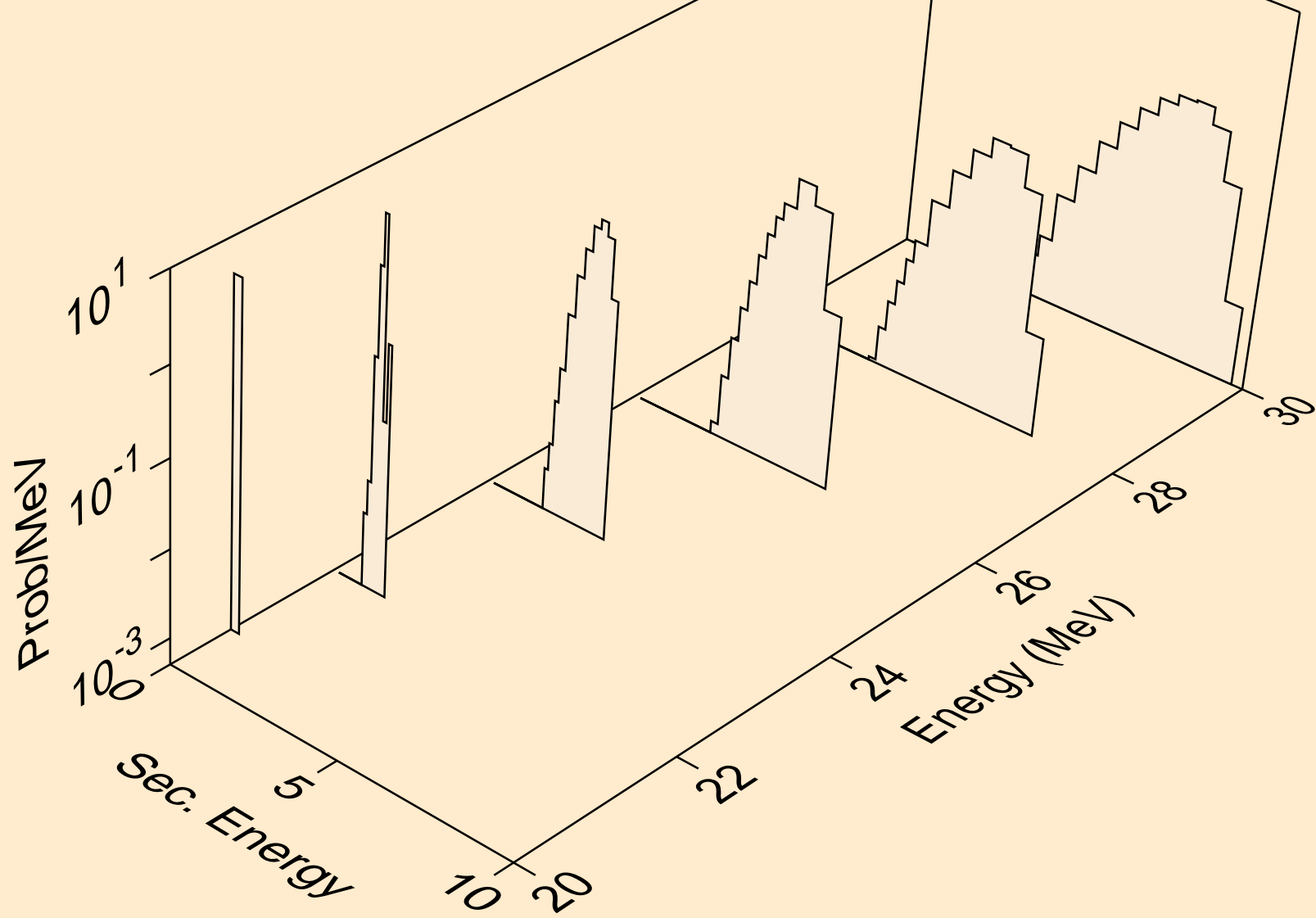




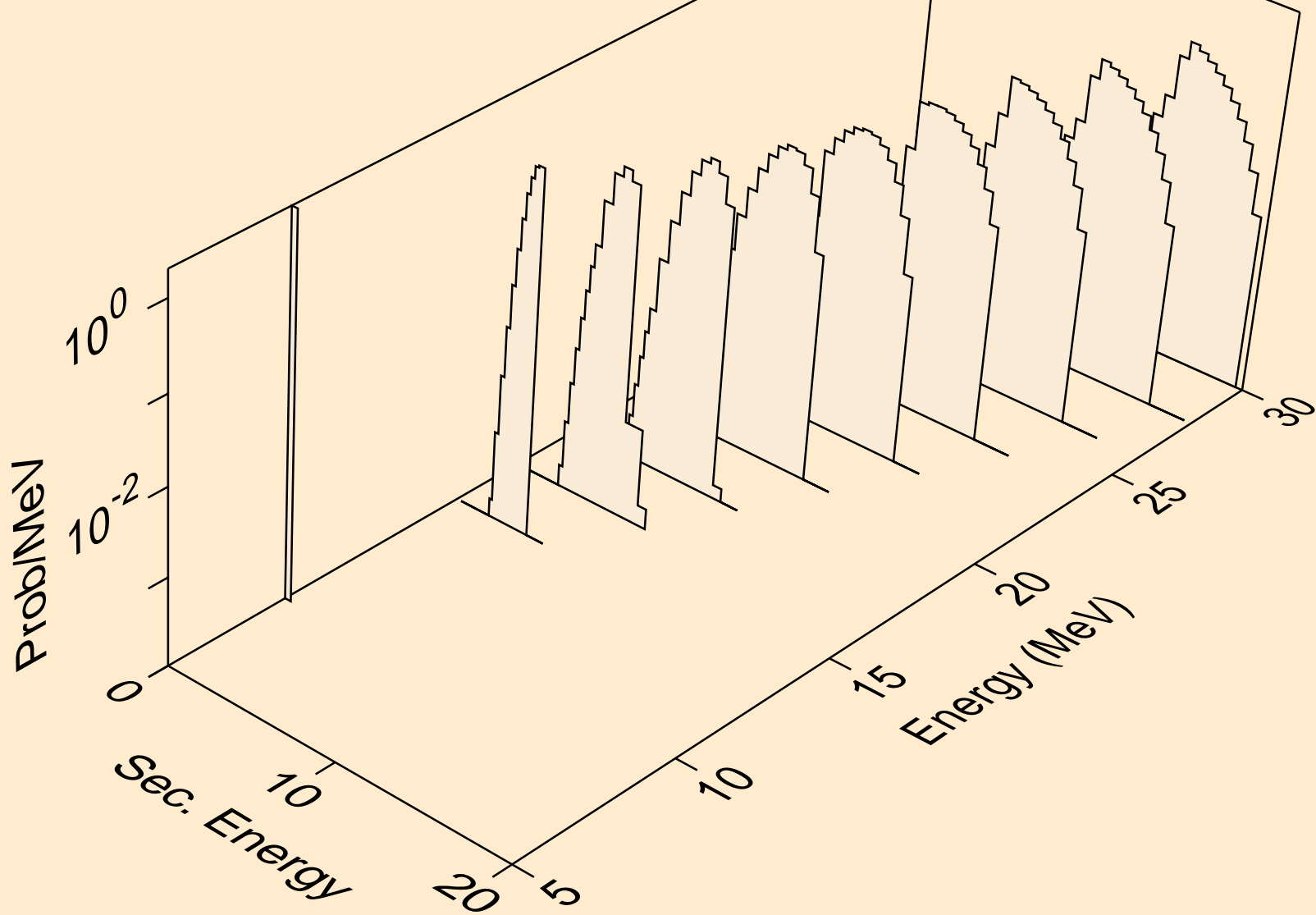
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



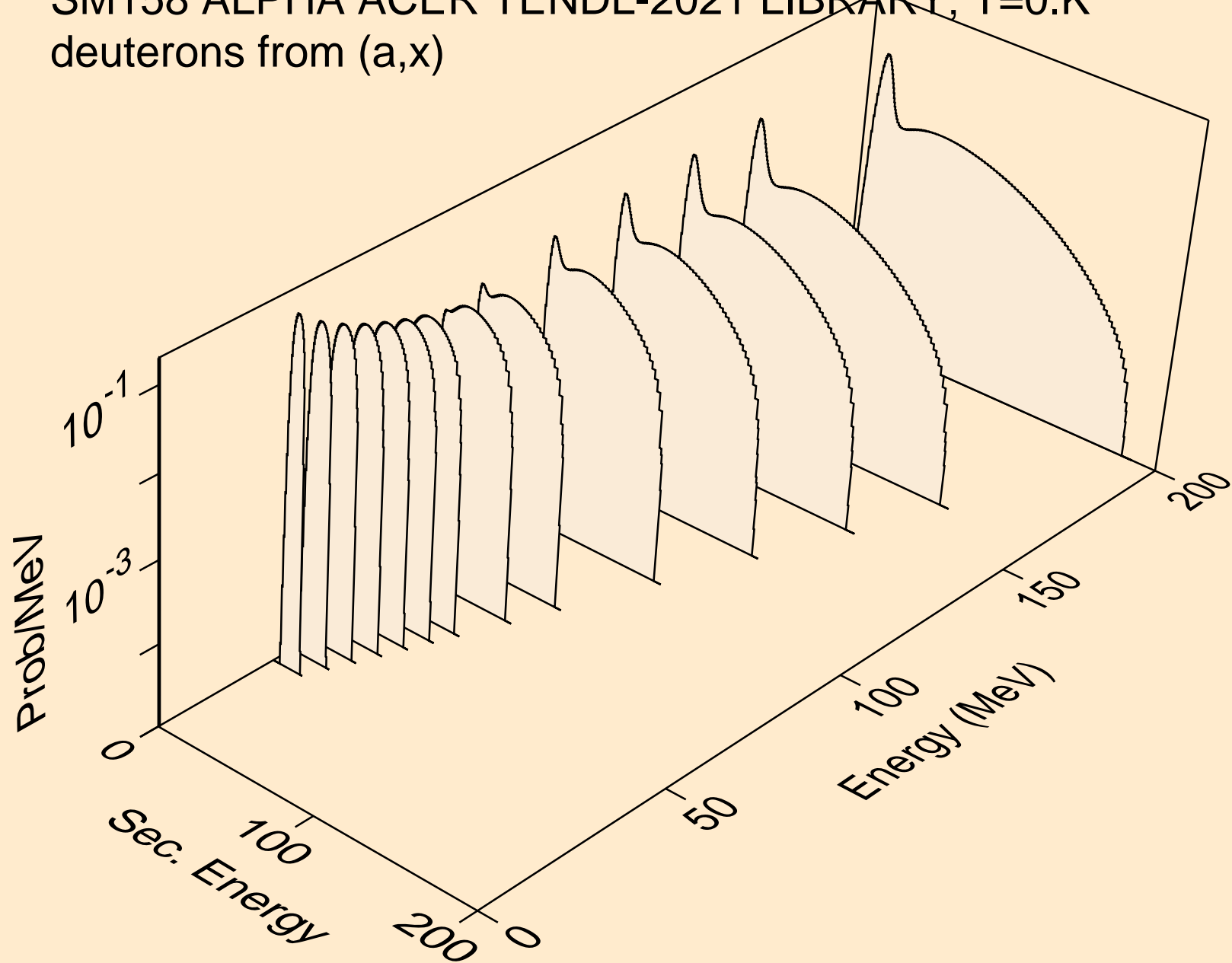
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



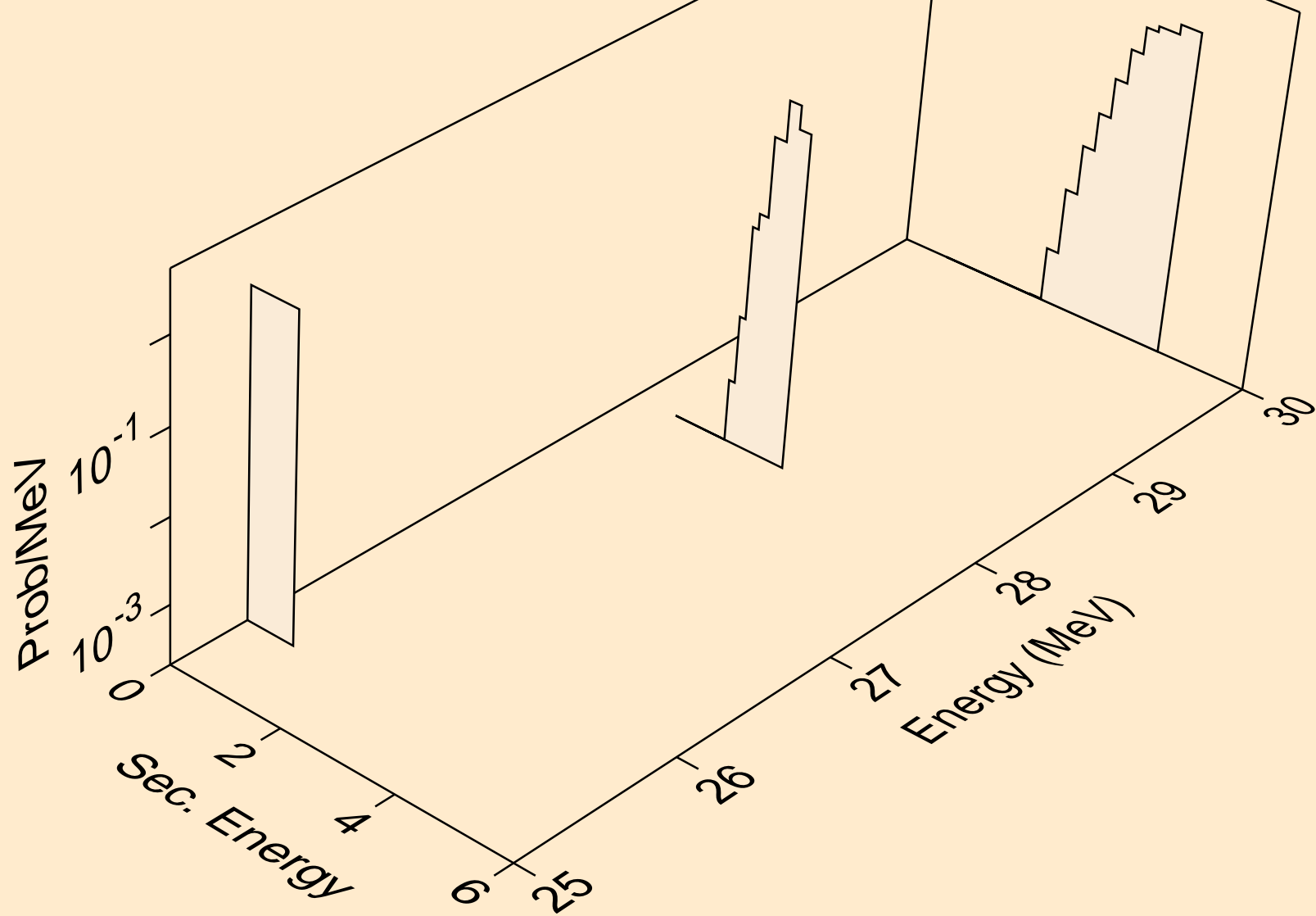
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



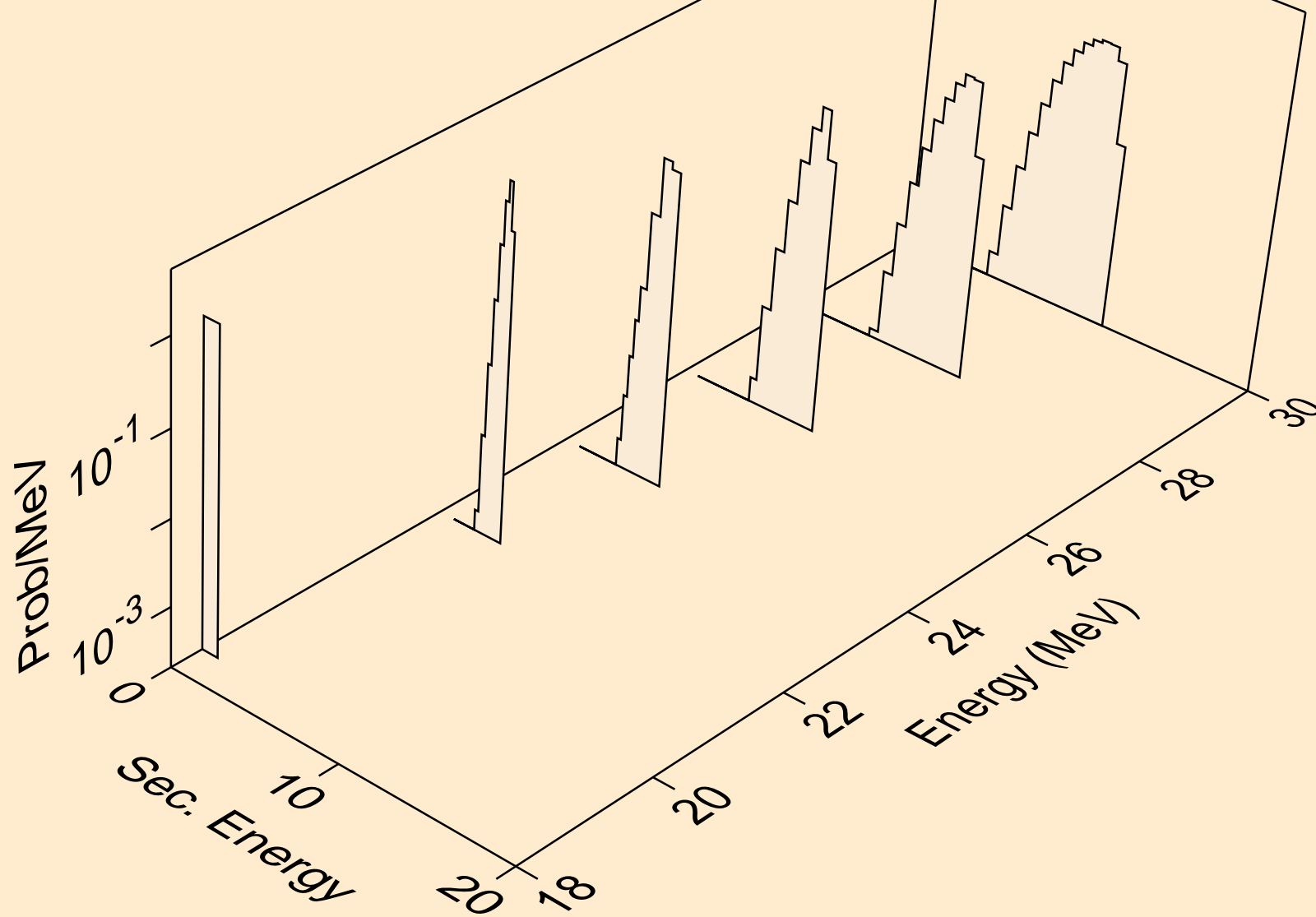
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



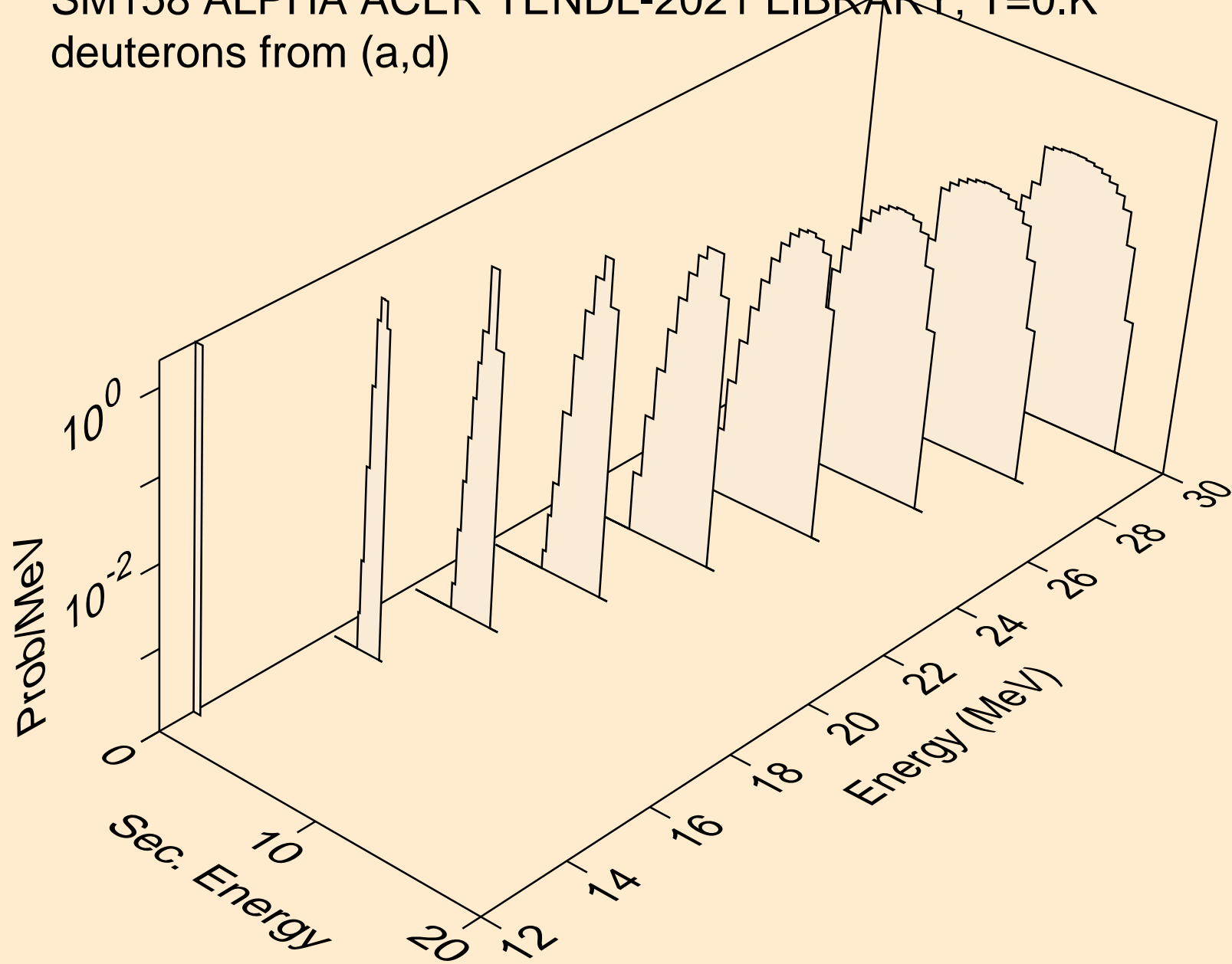
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,2nd)



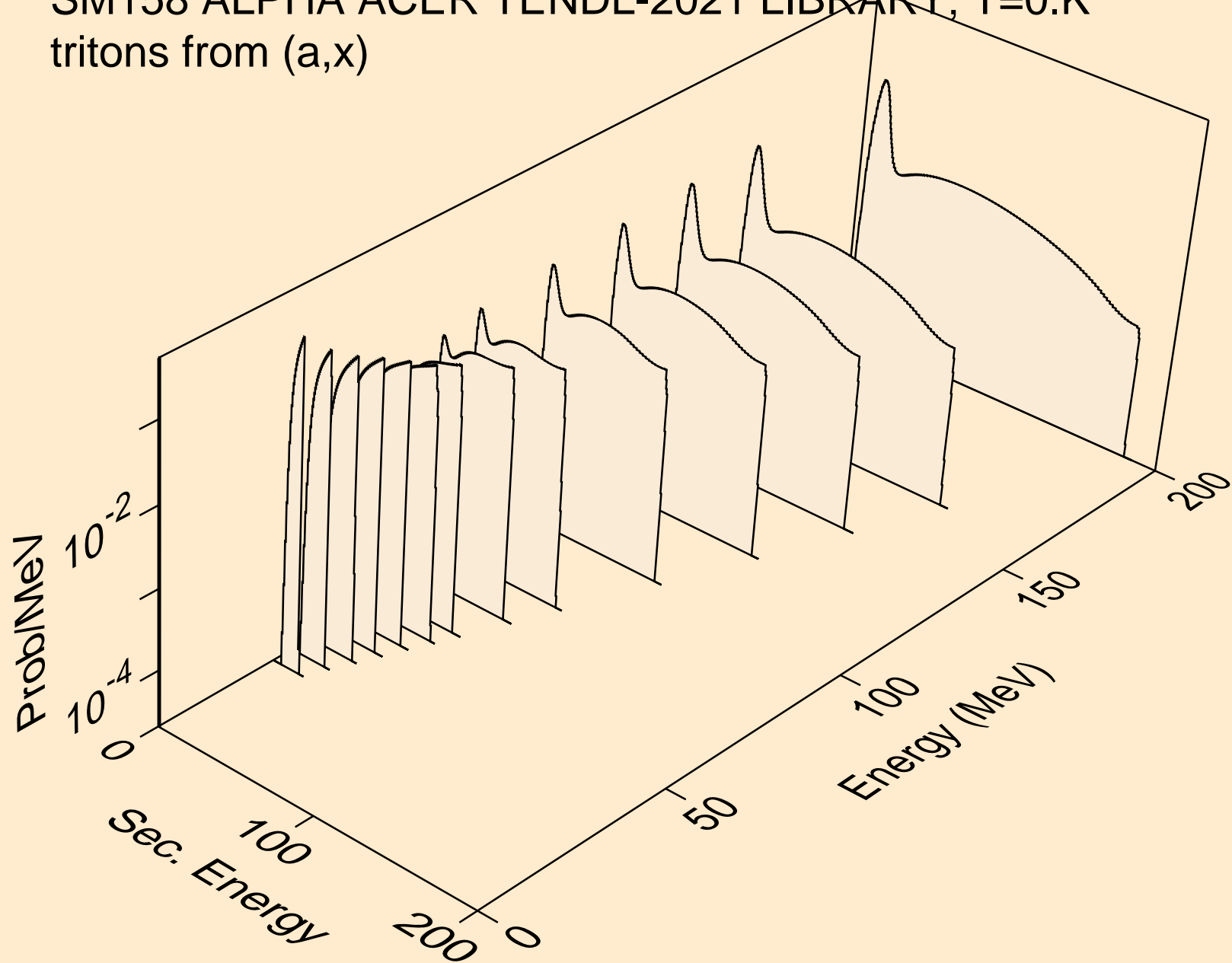
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)

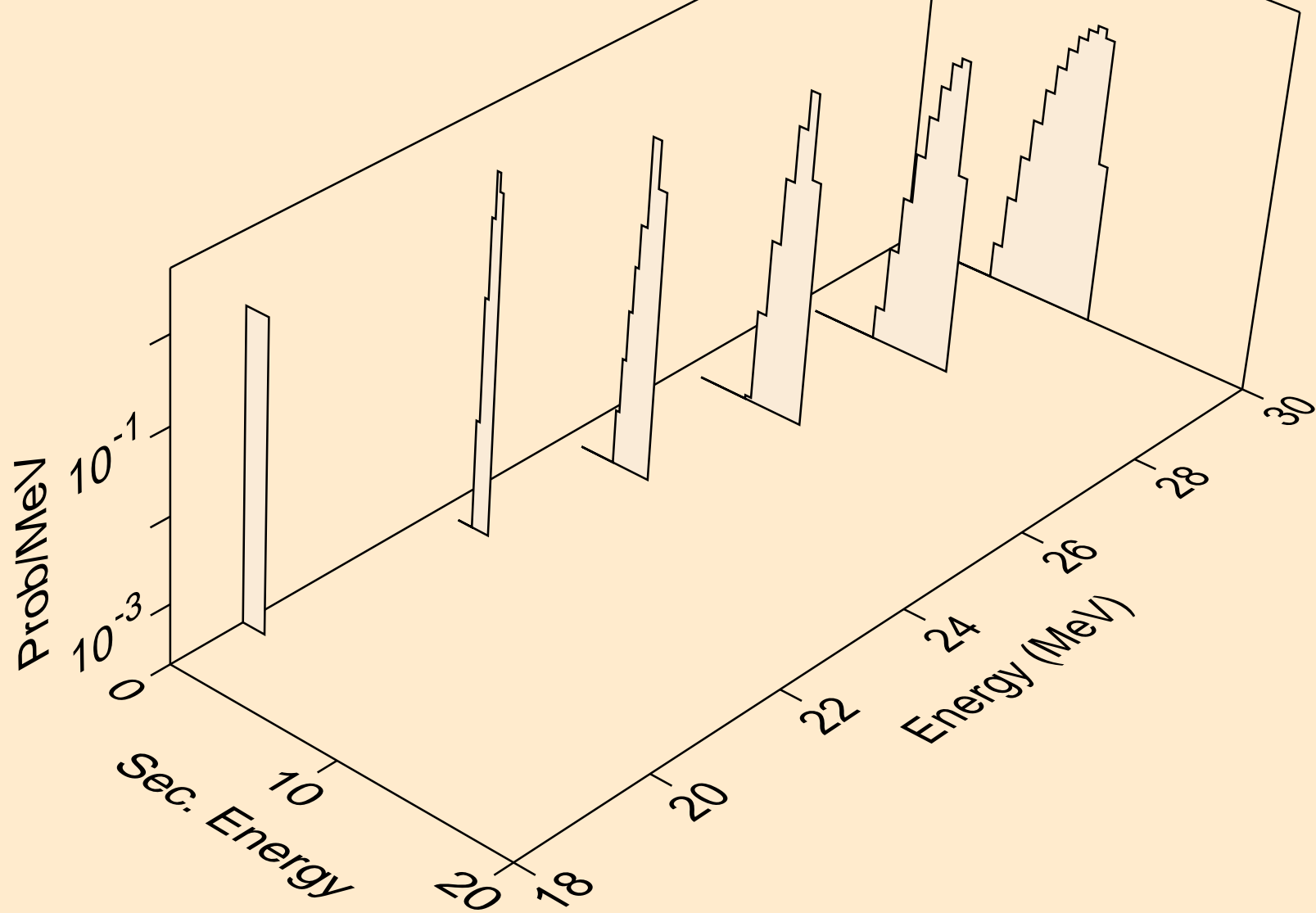


SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)

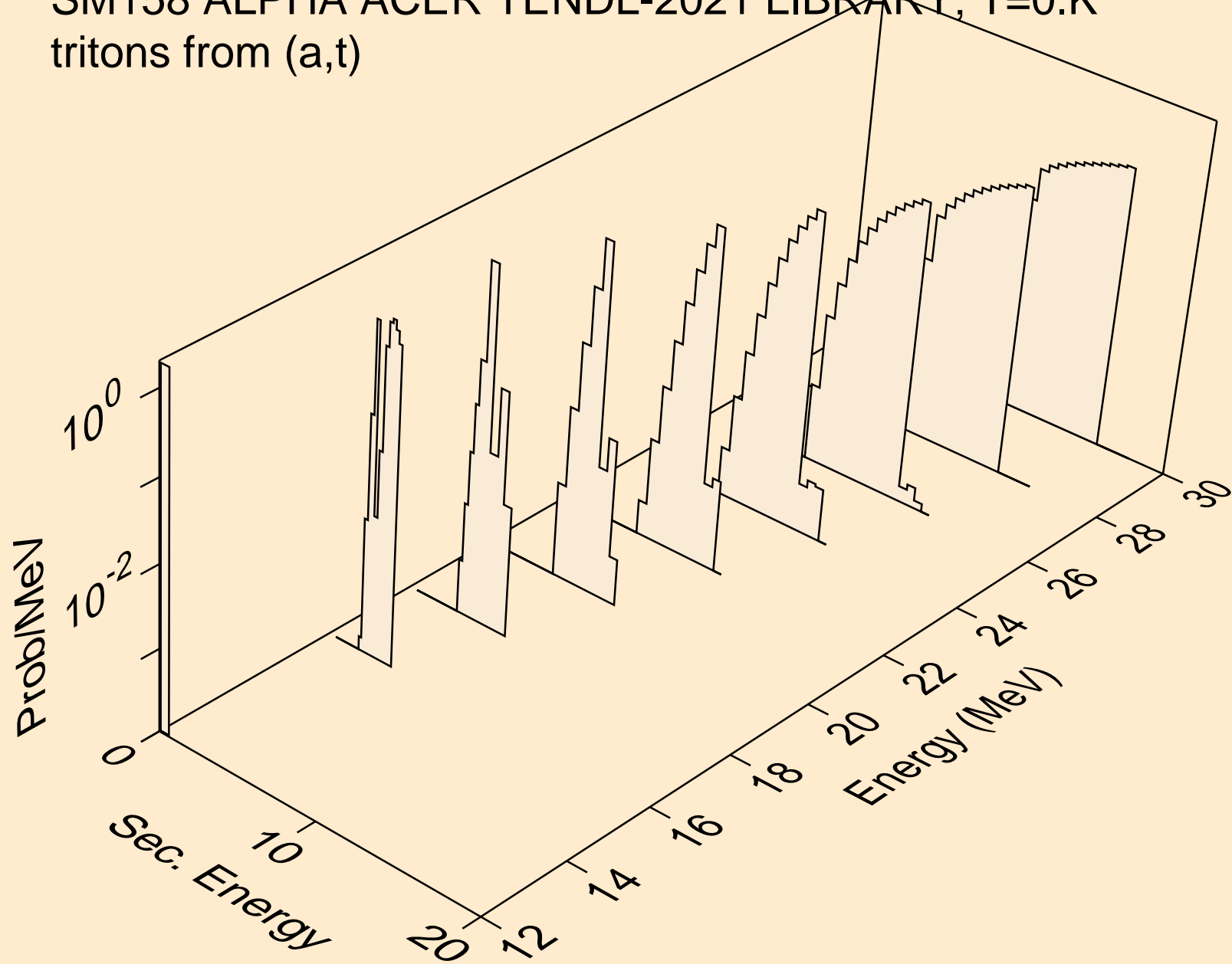




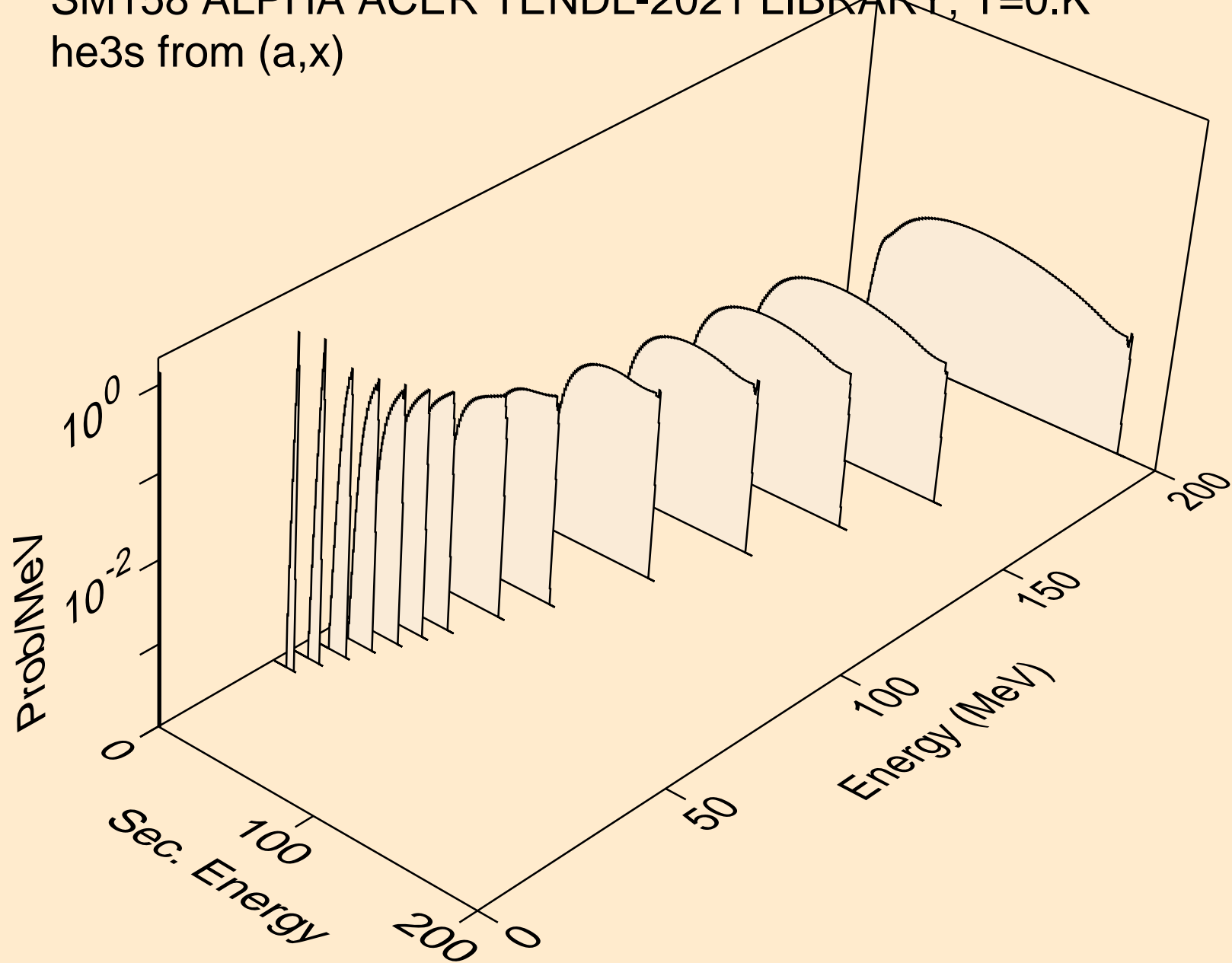
SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



SM158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

