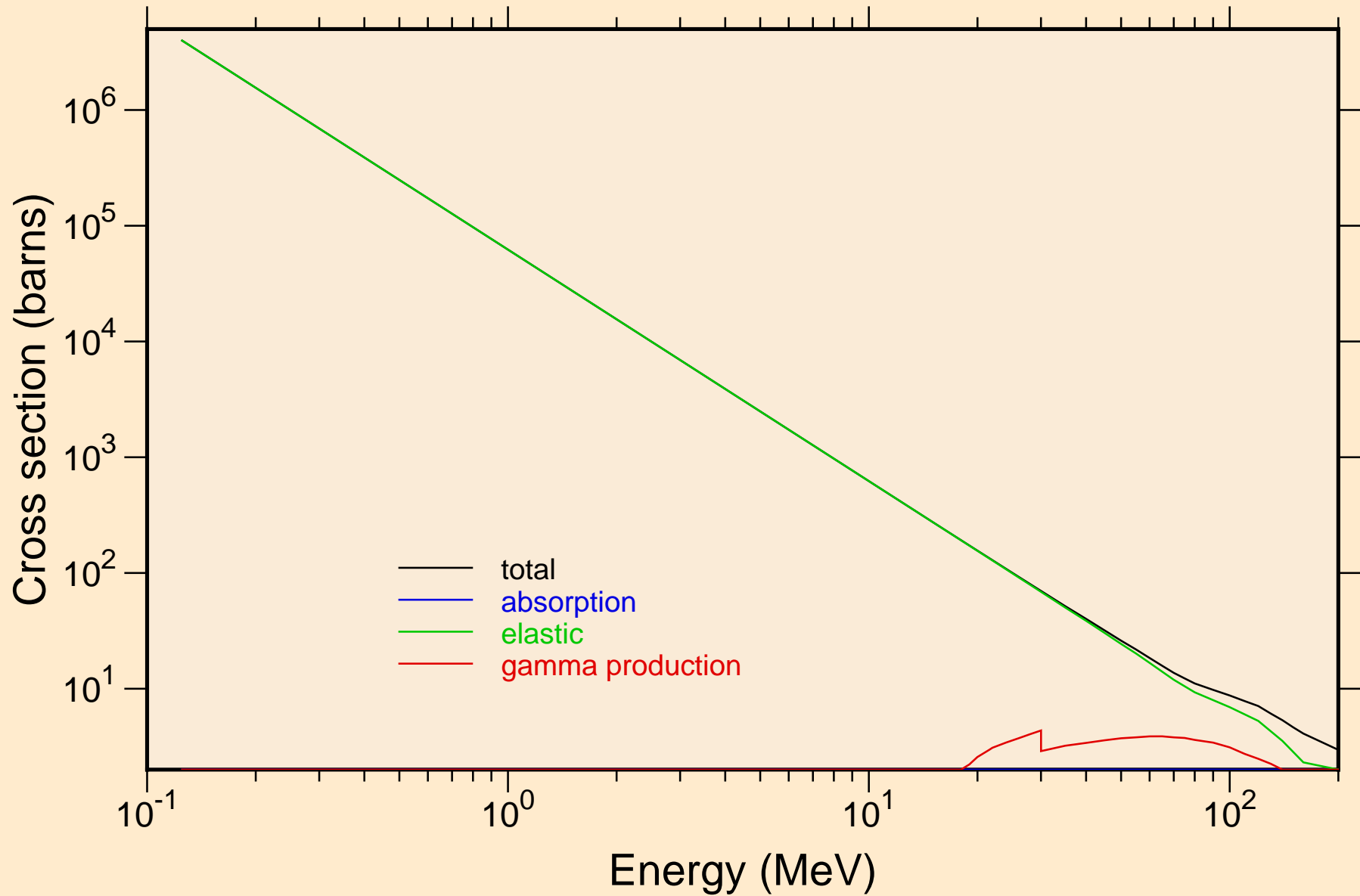
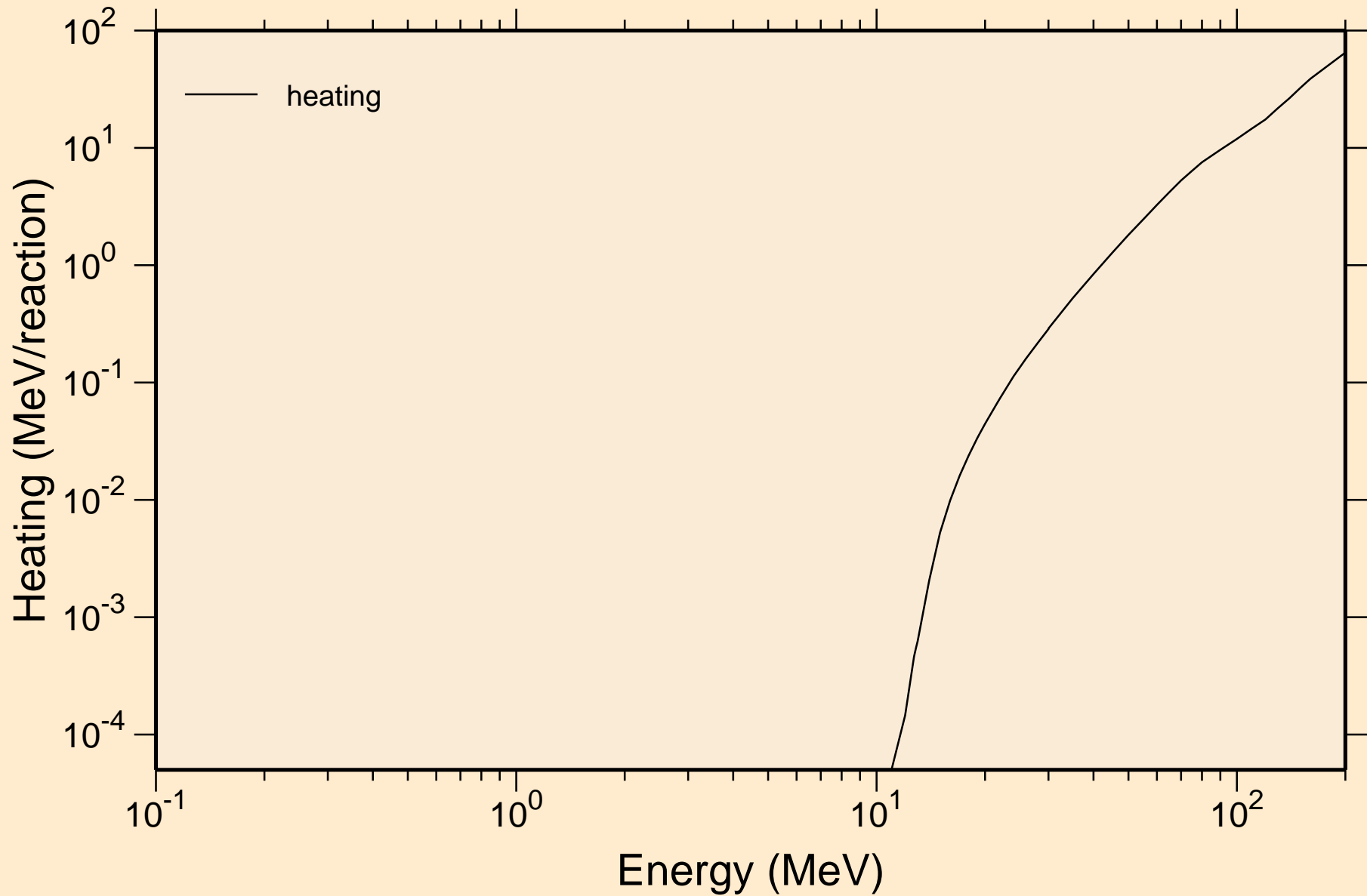


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



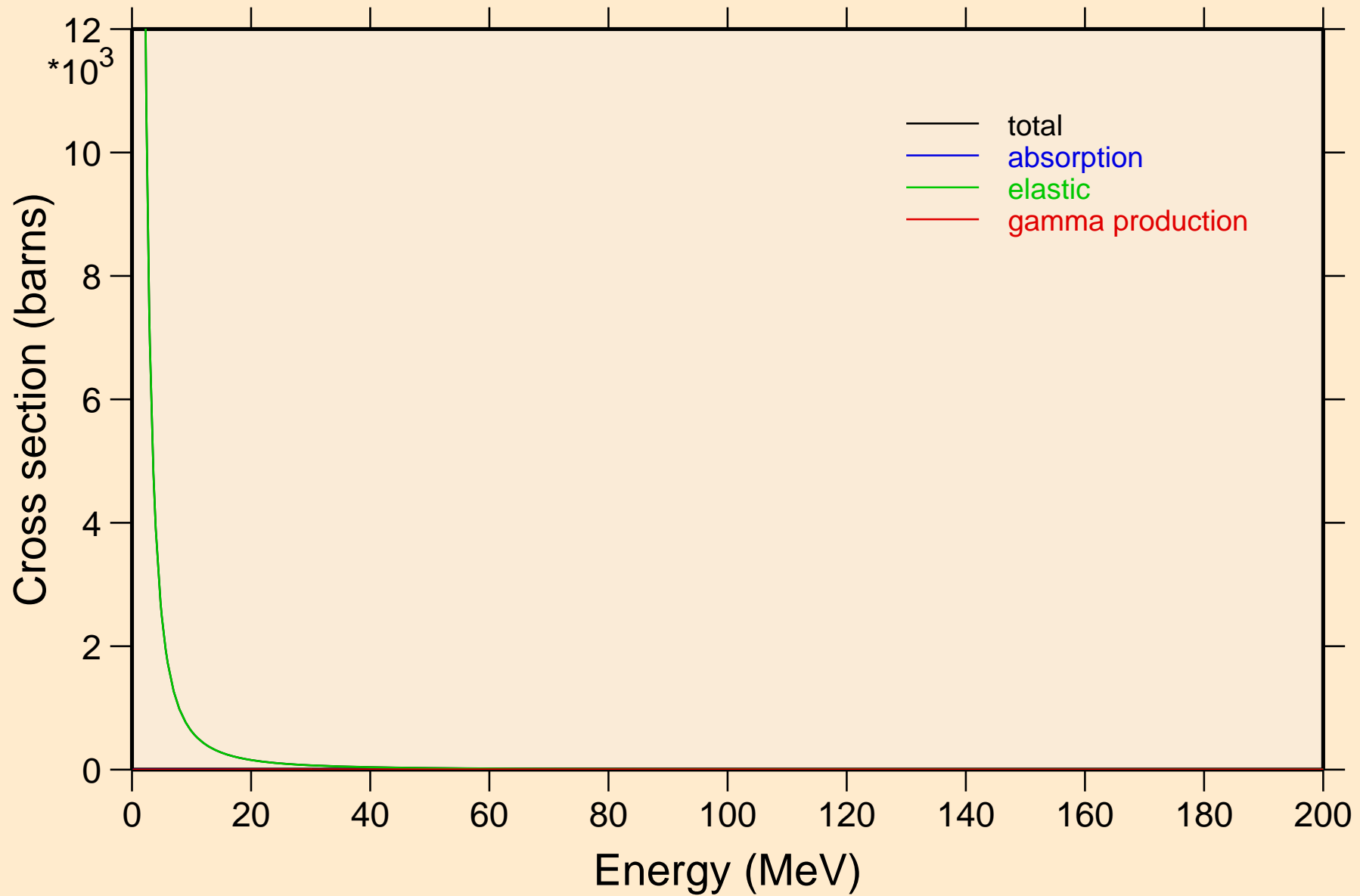
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



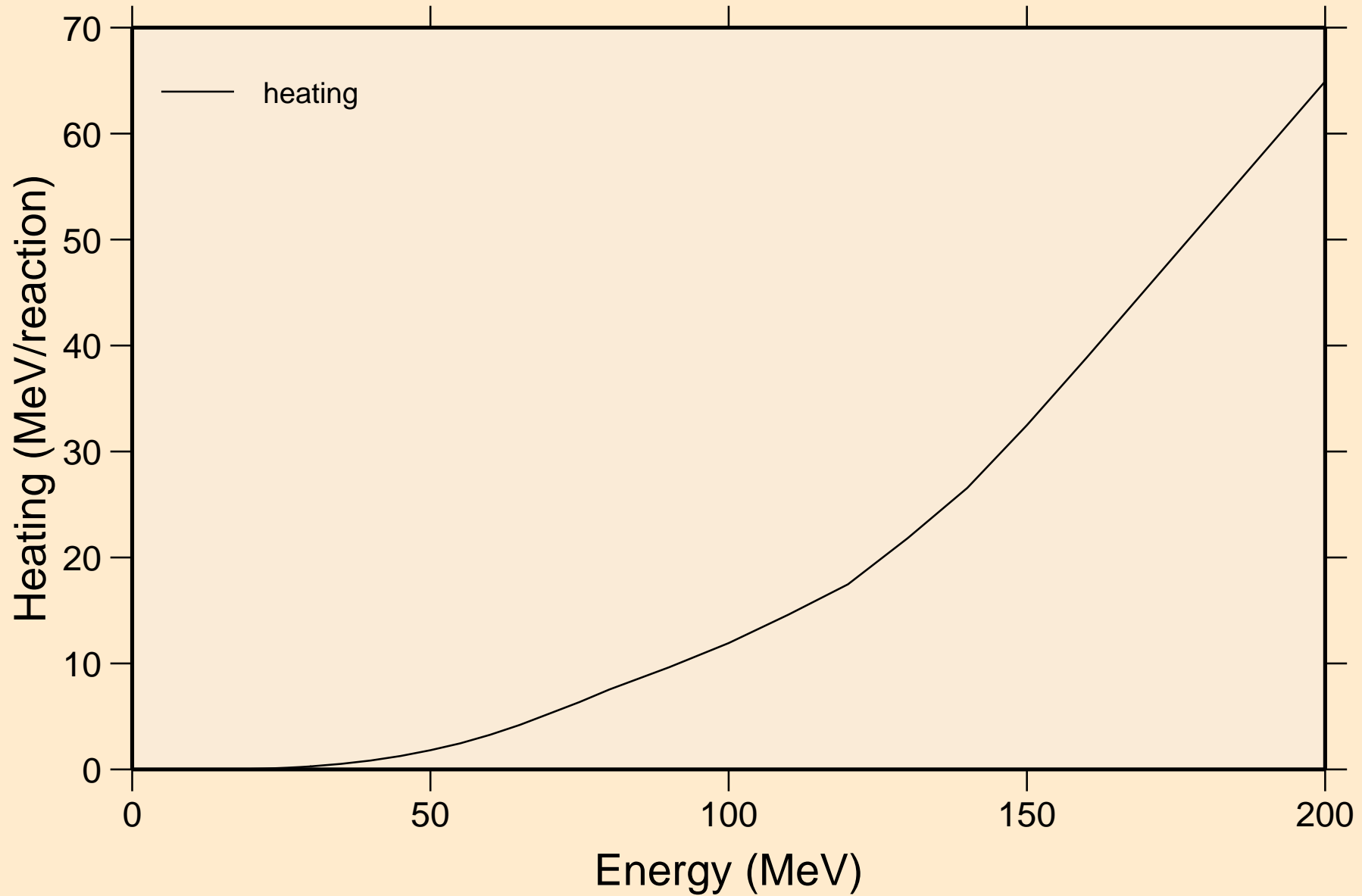
# IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

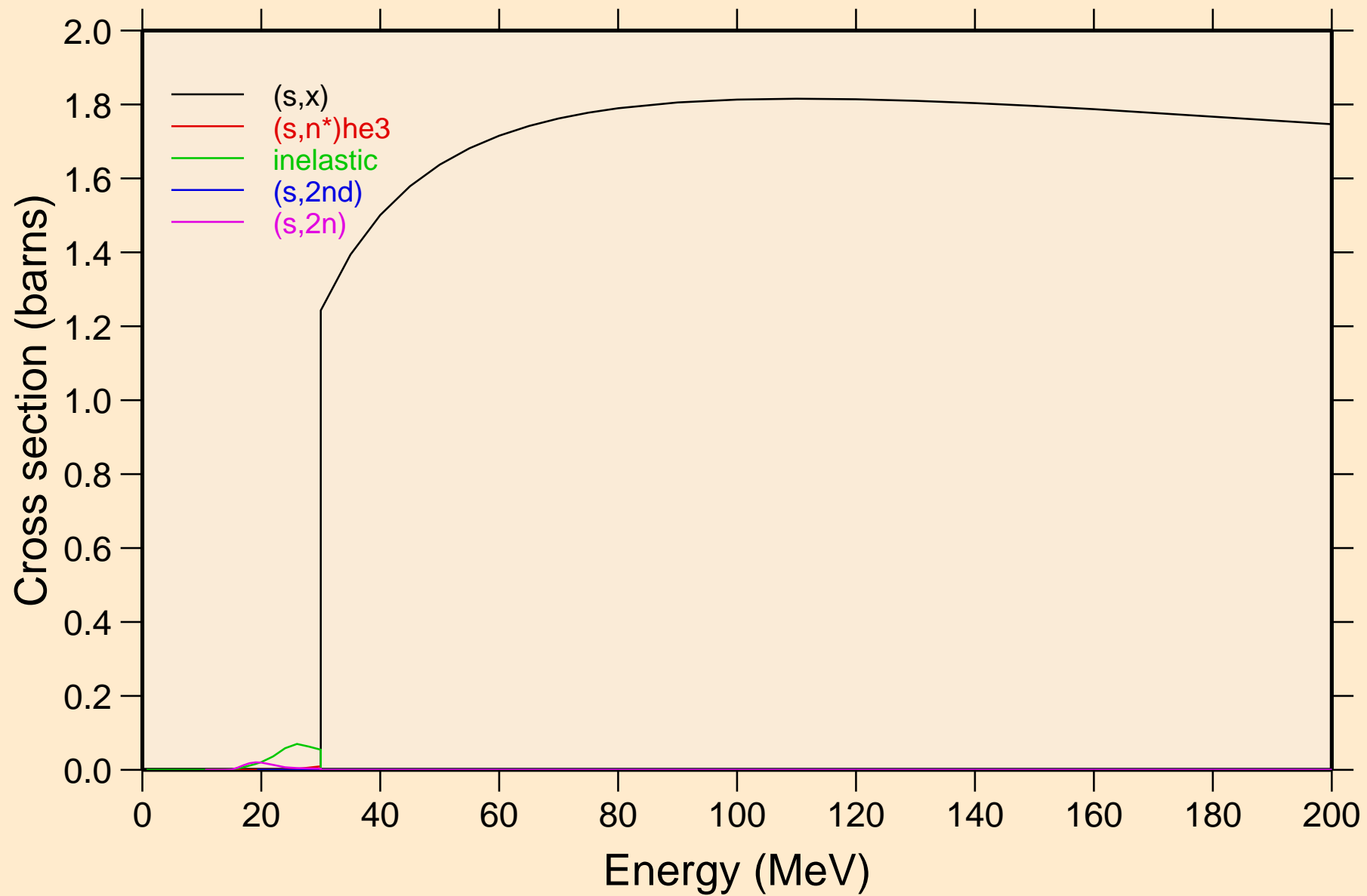


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K

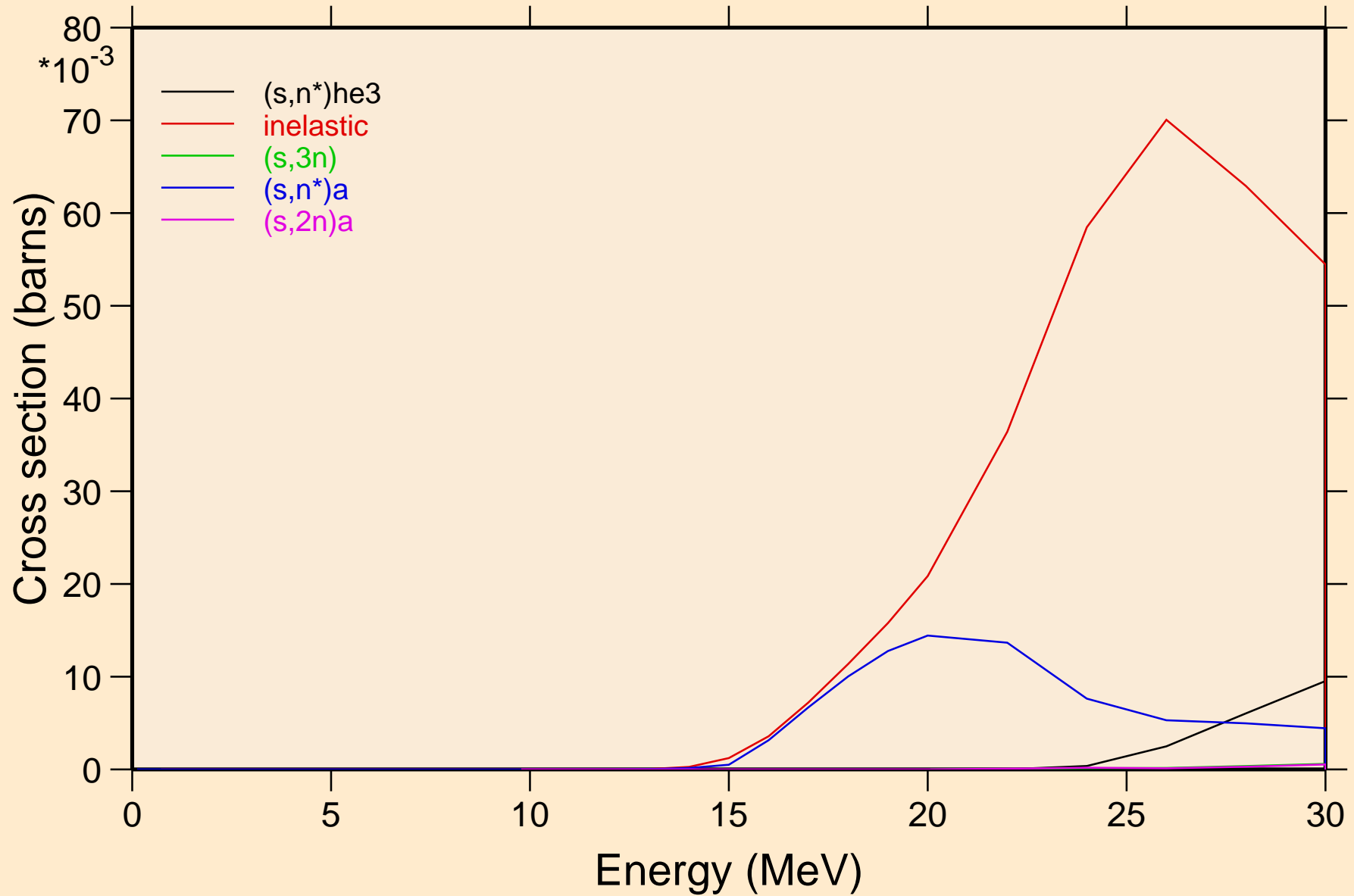
Heating



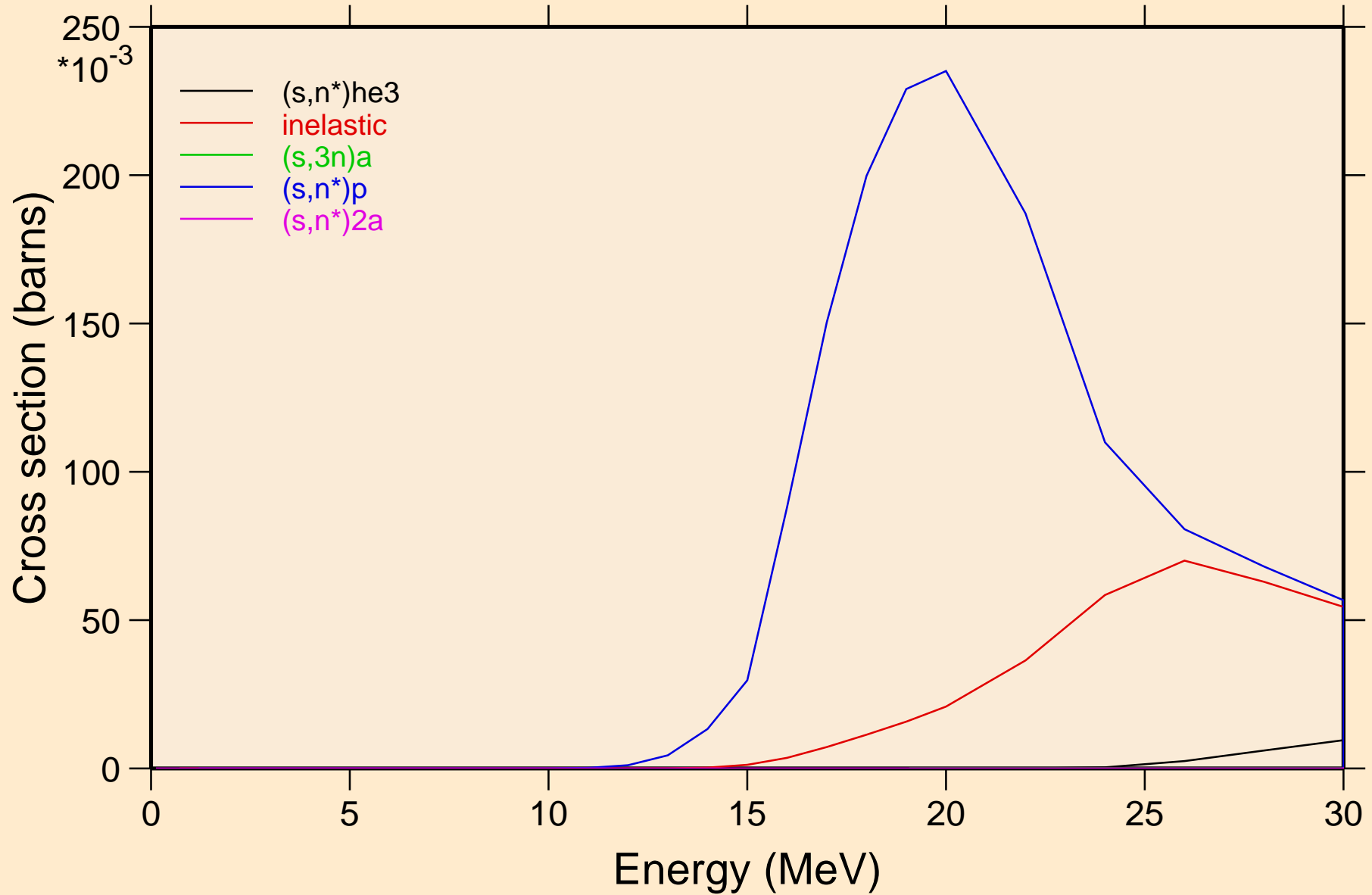
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

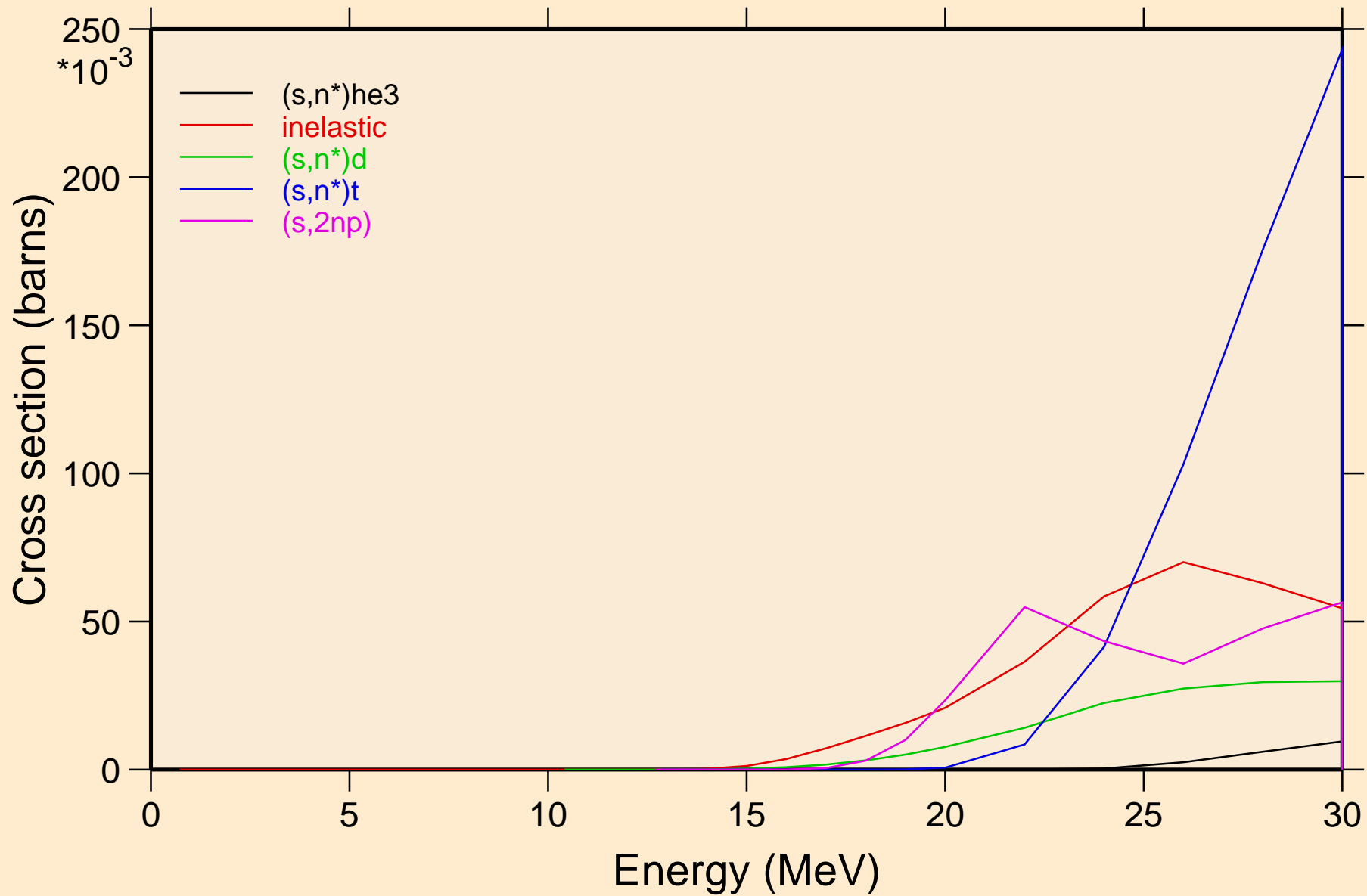


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



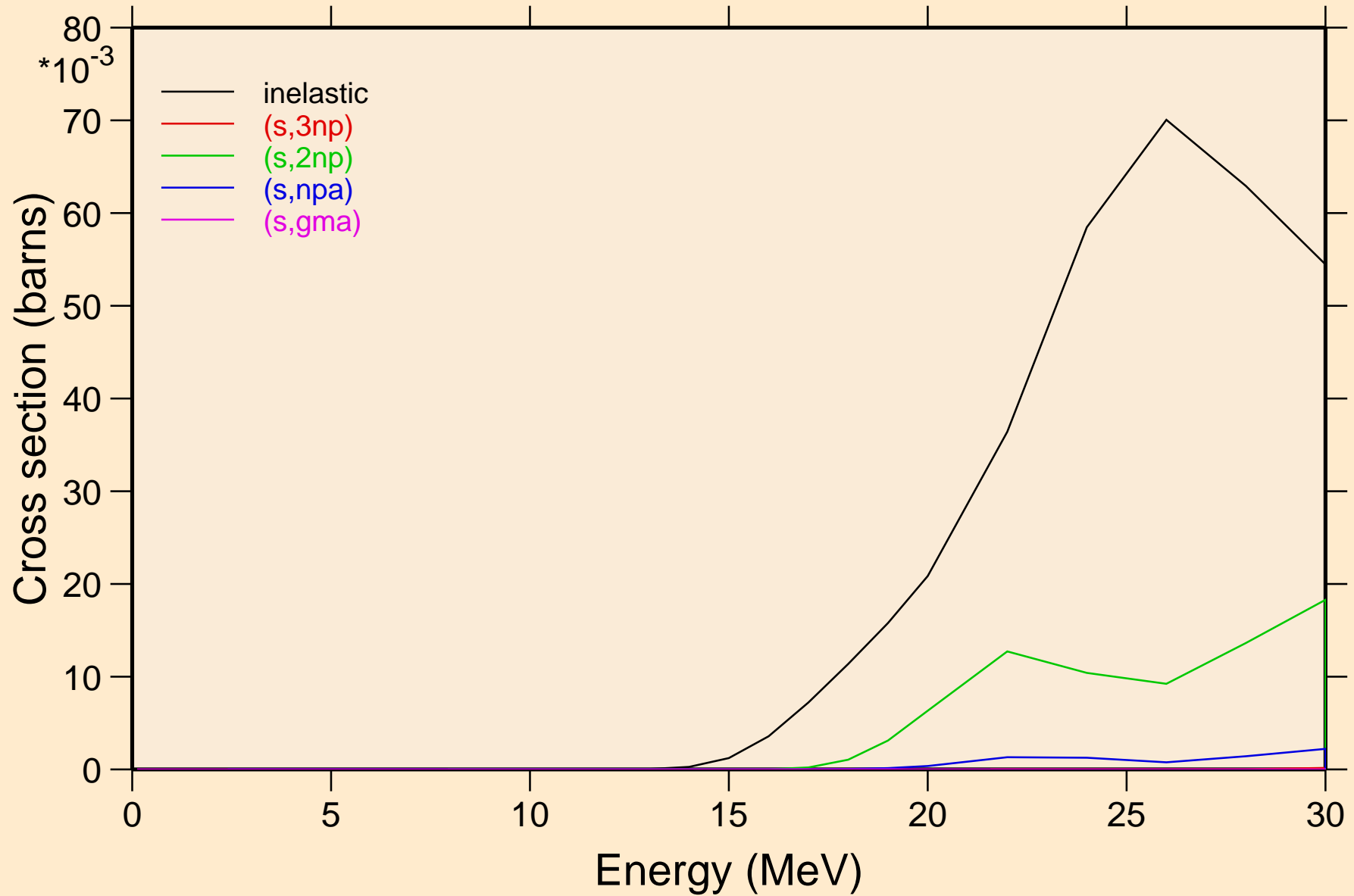
# IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



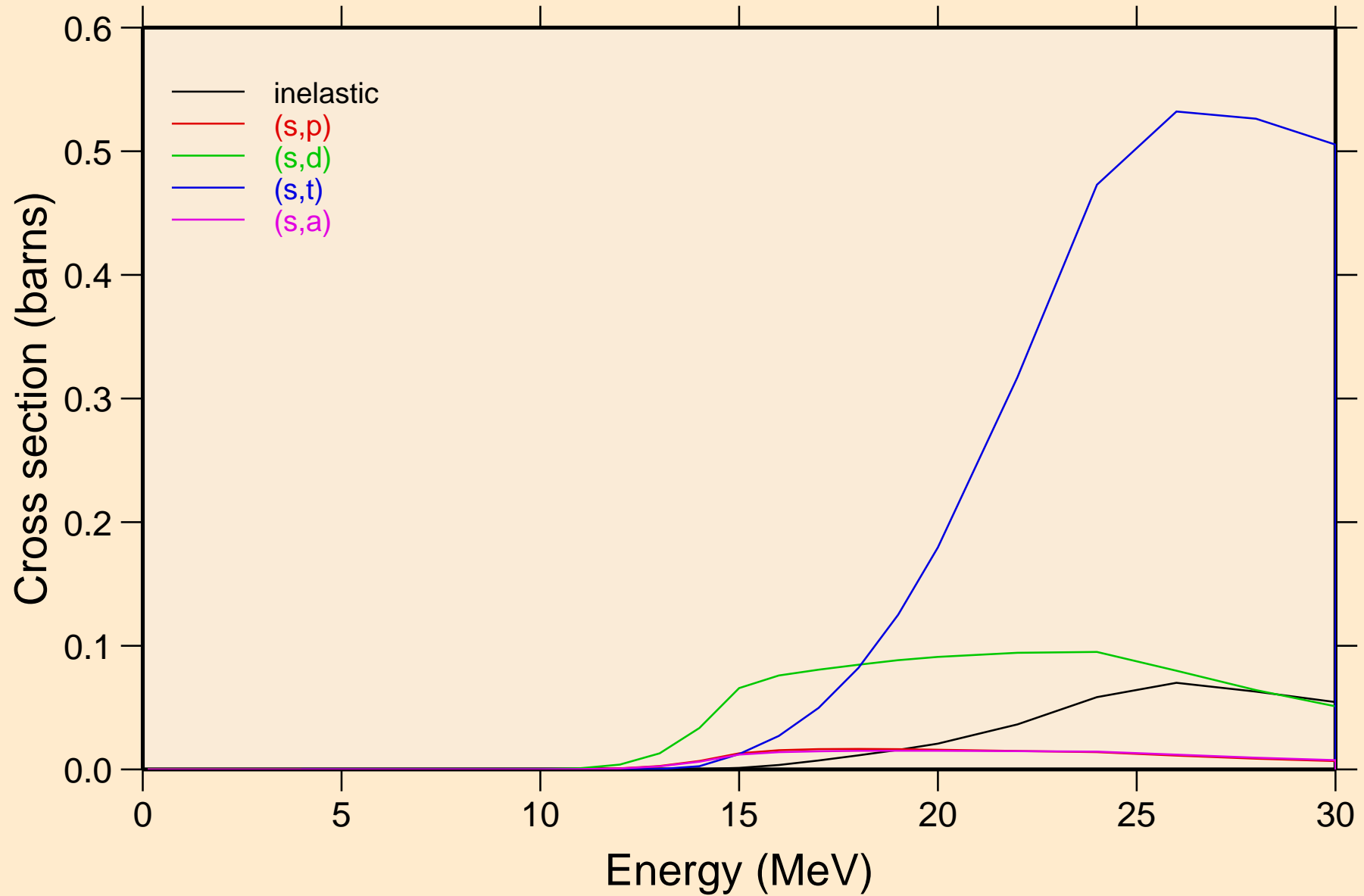


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

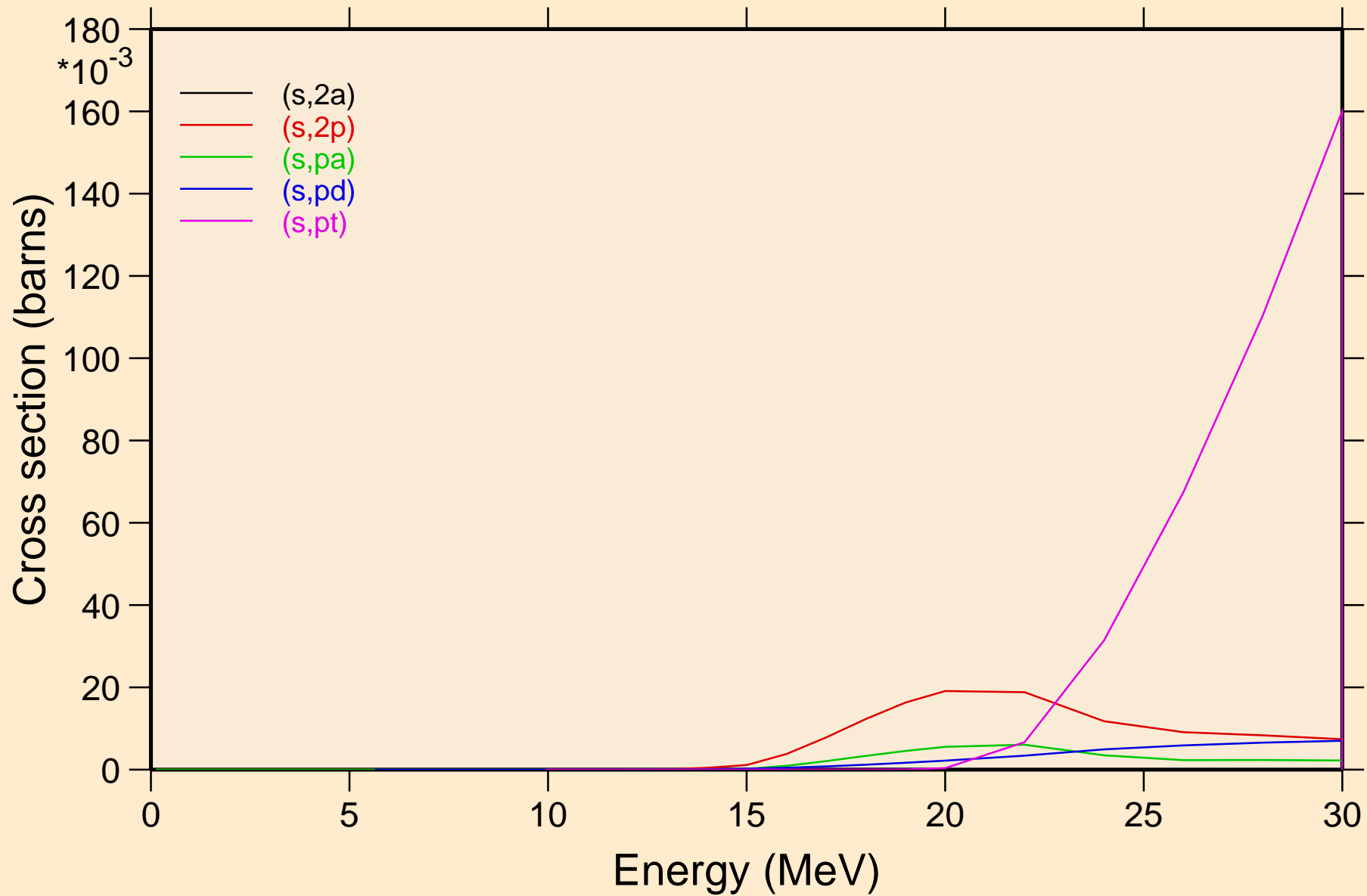


# IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K

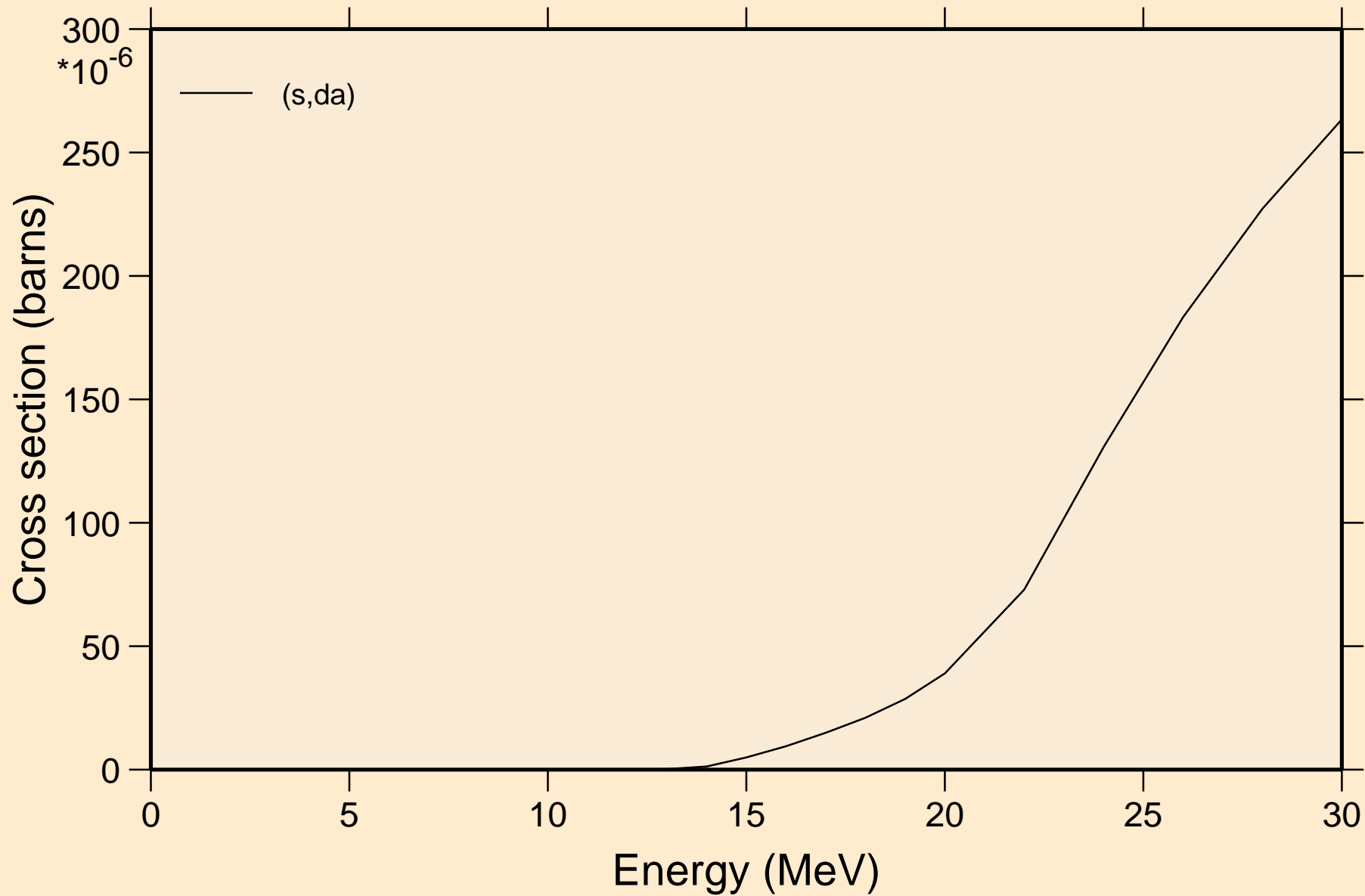
## Threshold reactions



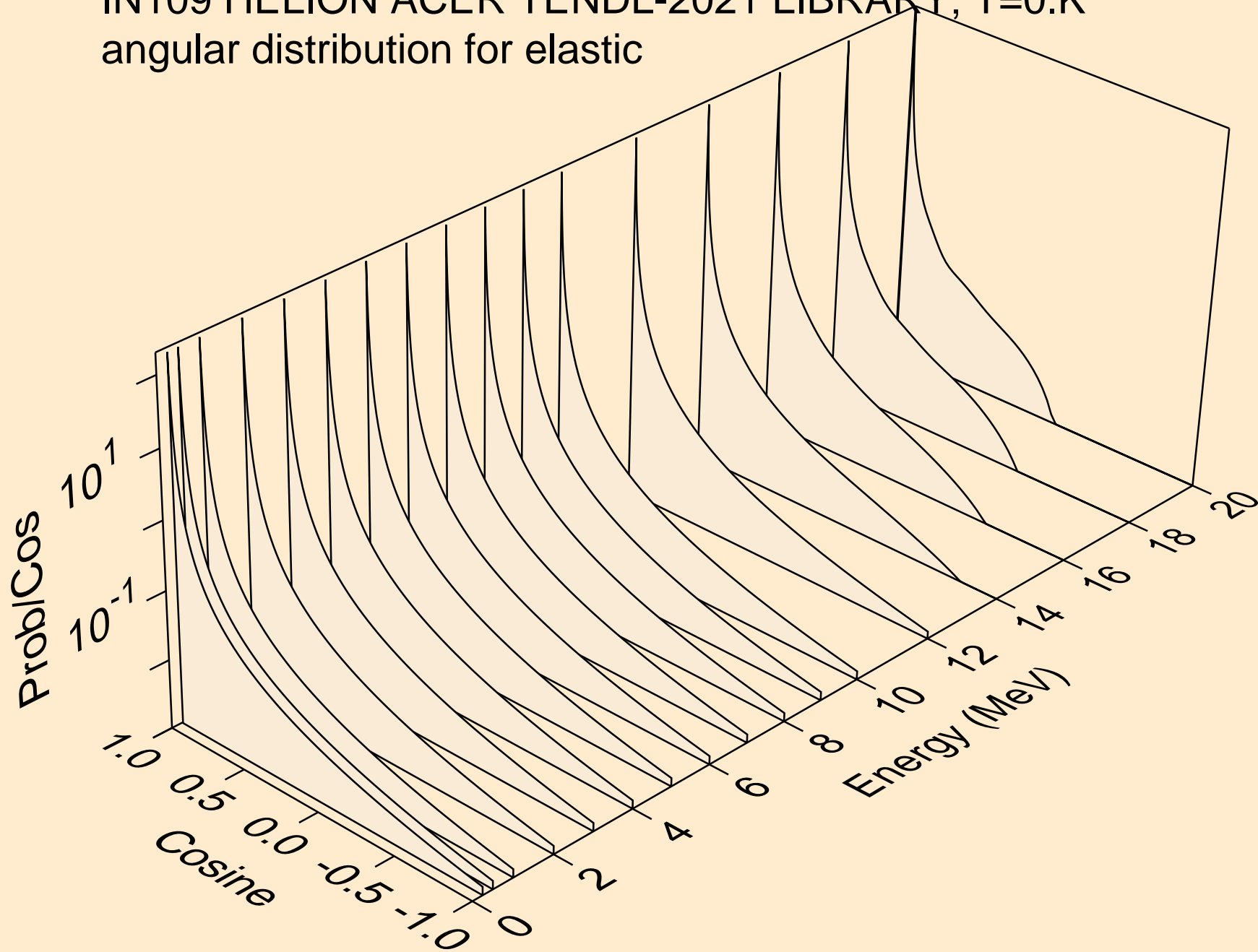
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



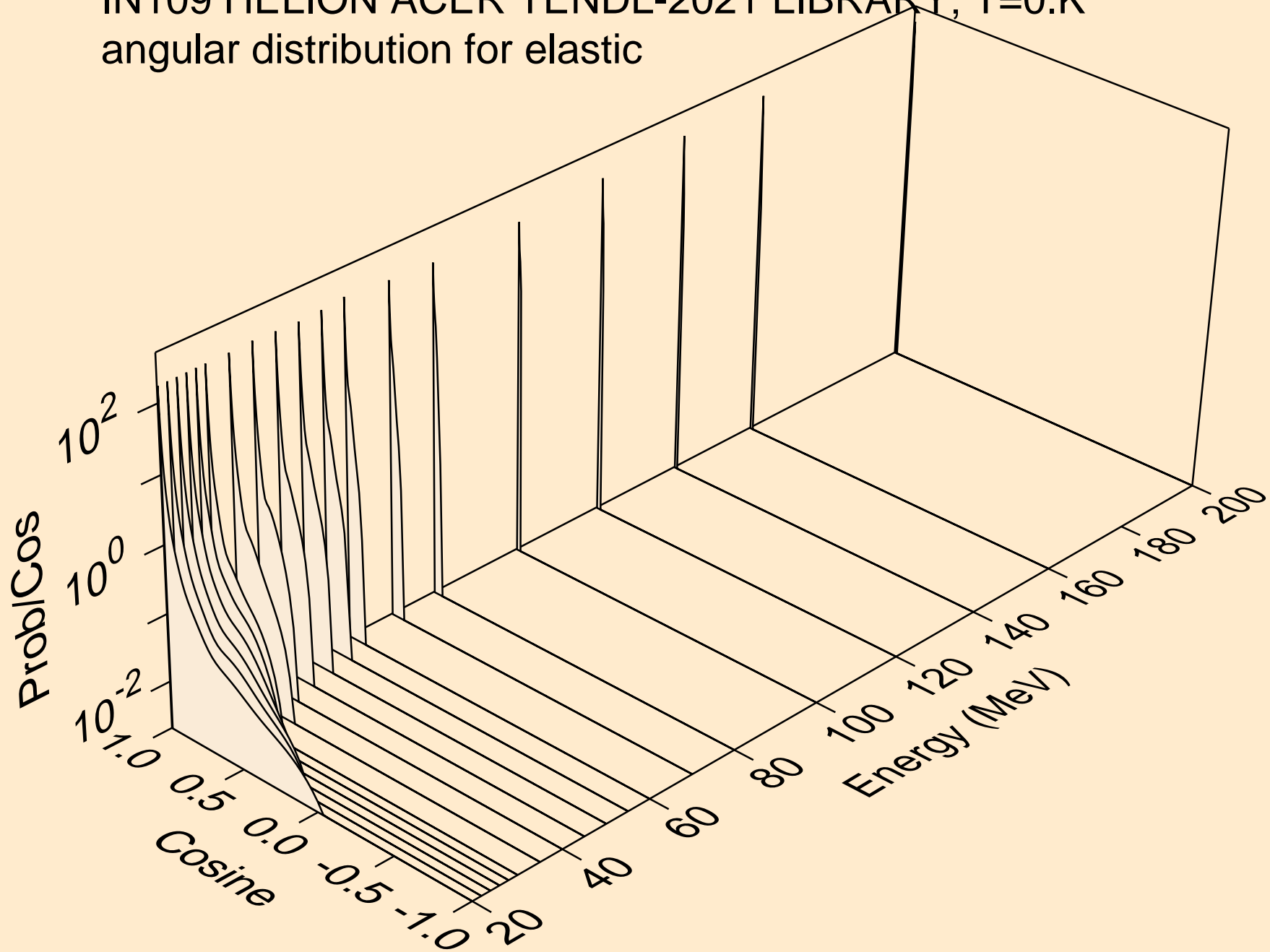
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



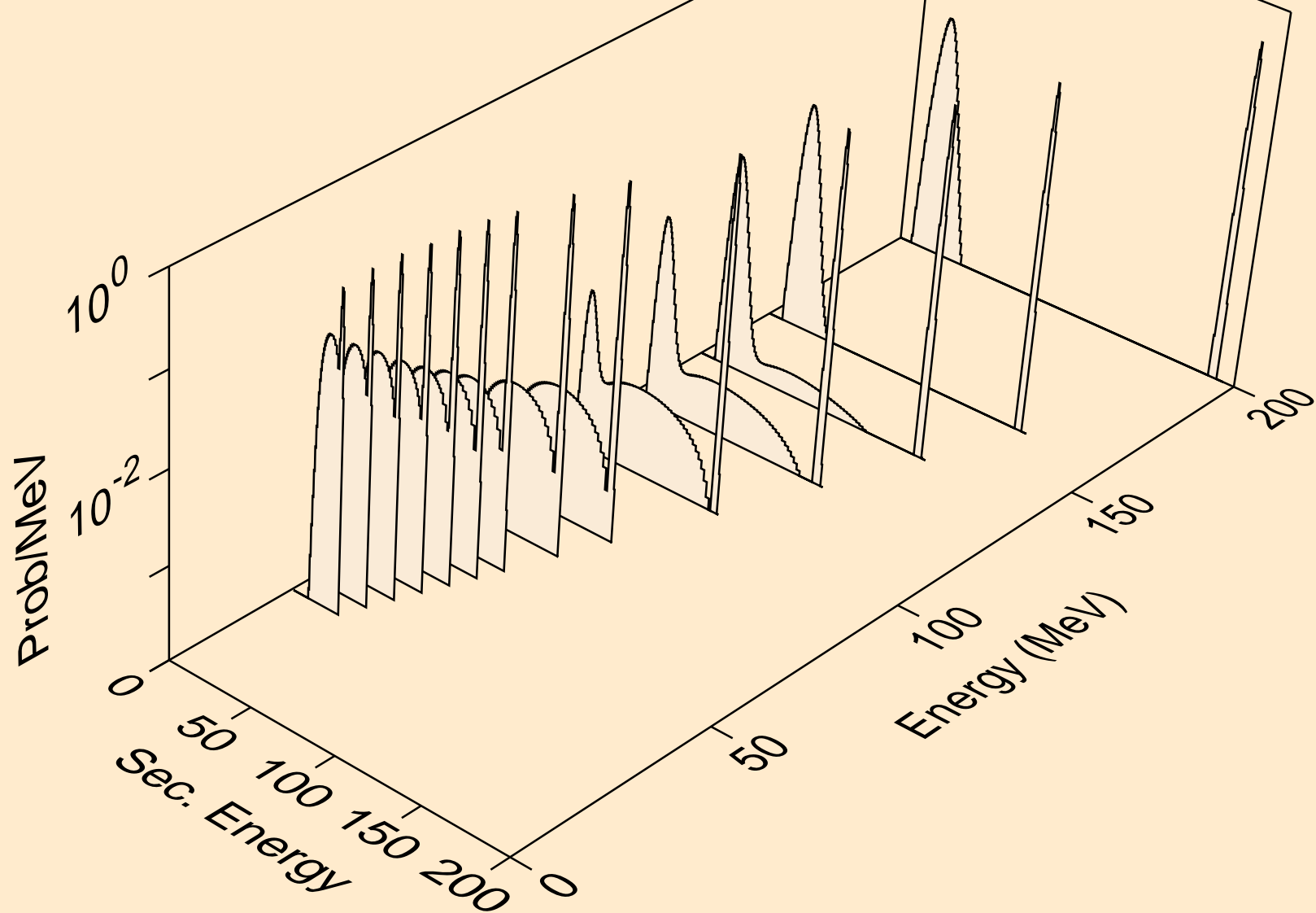
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



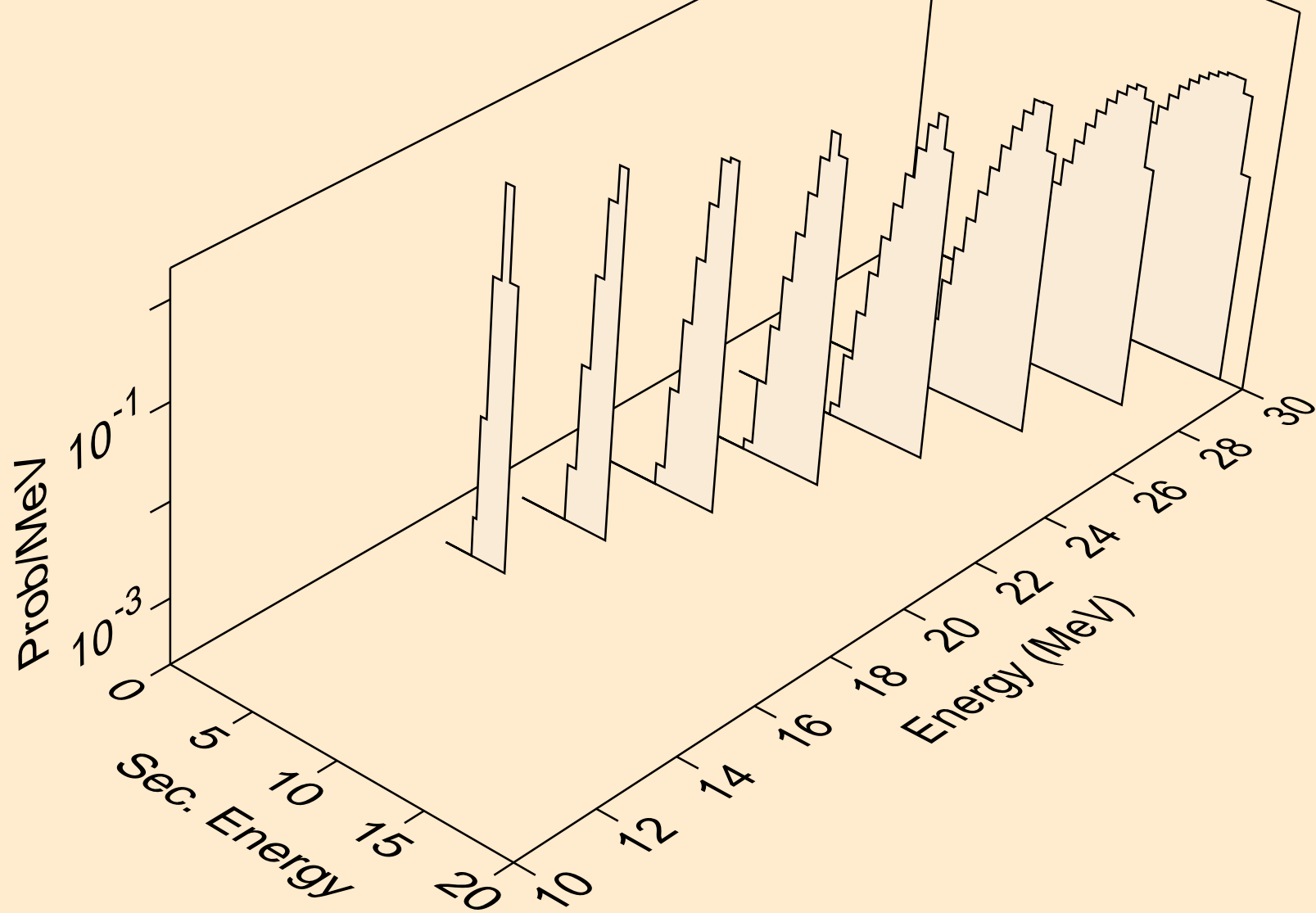
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

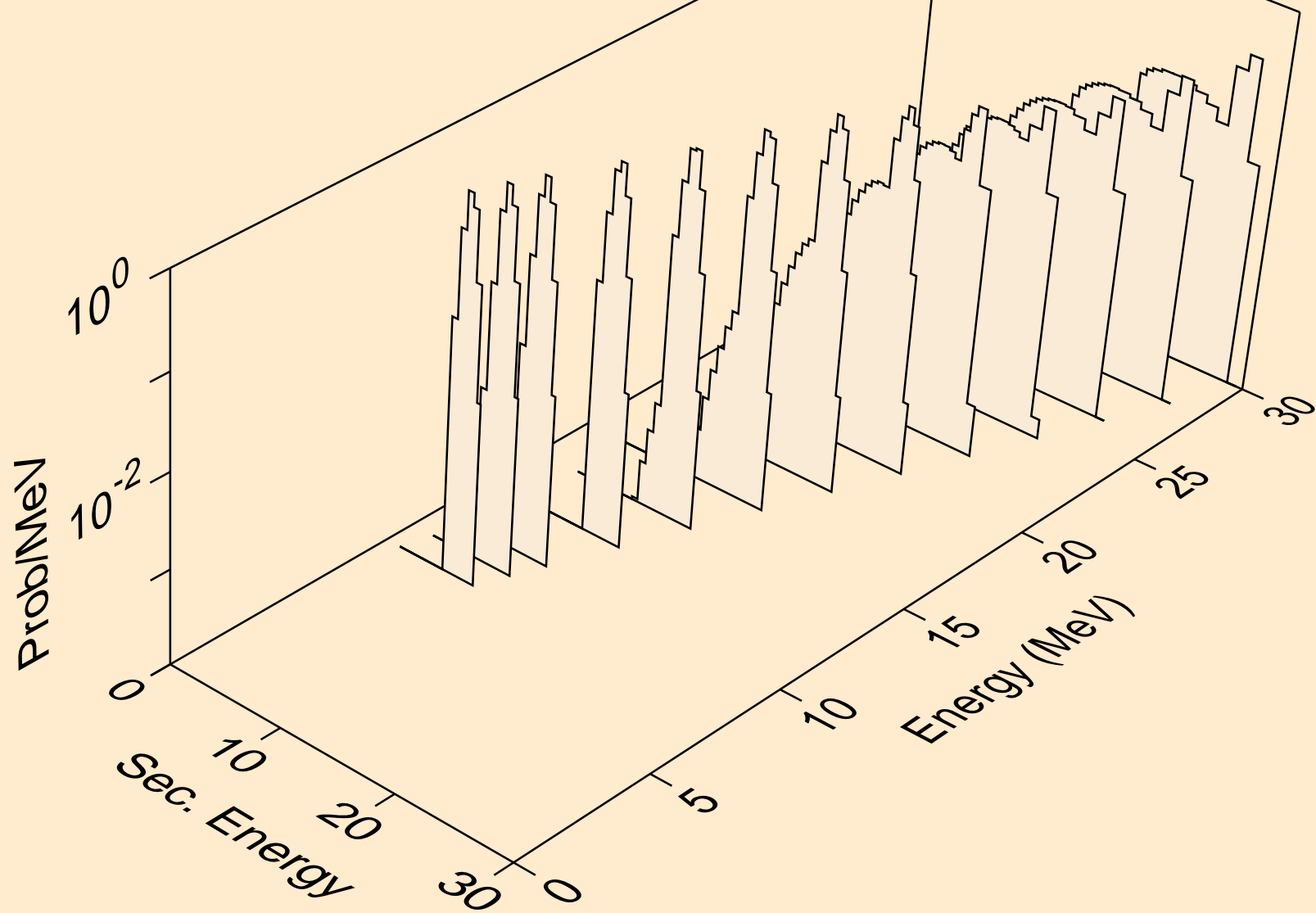


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

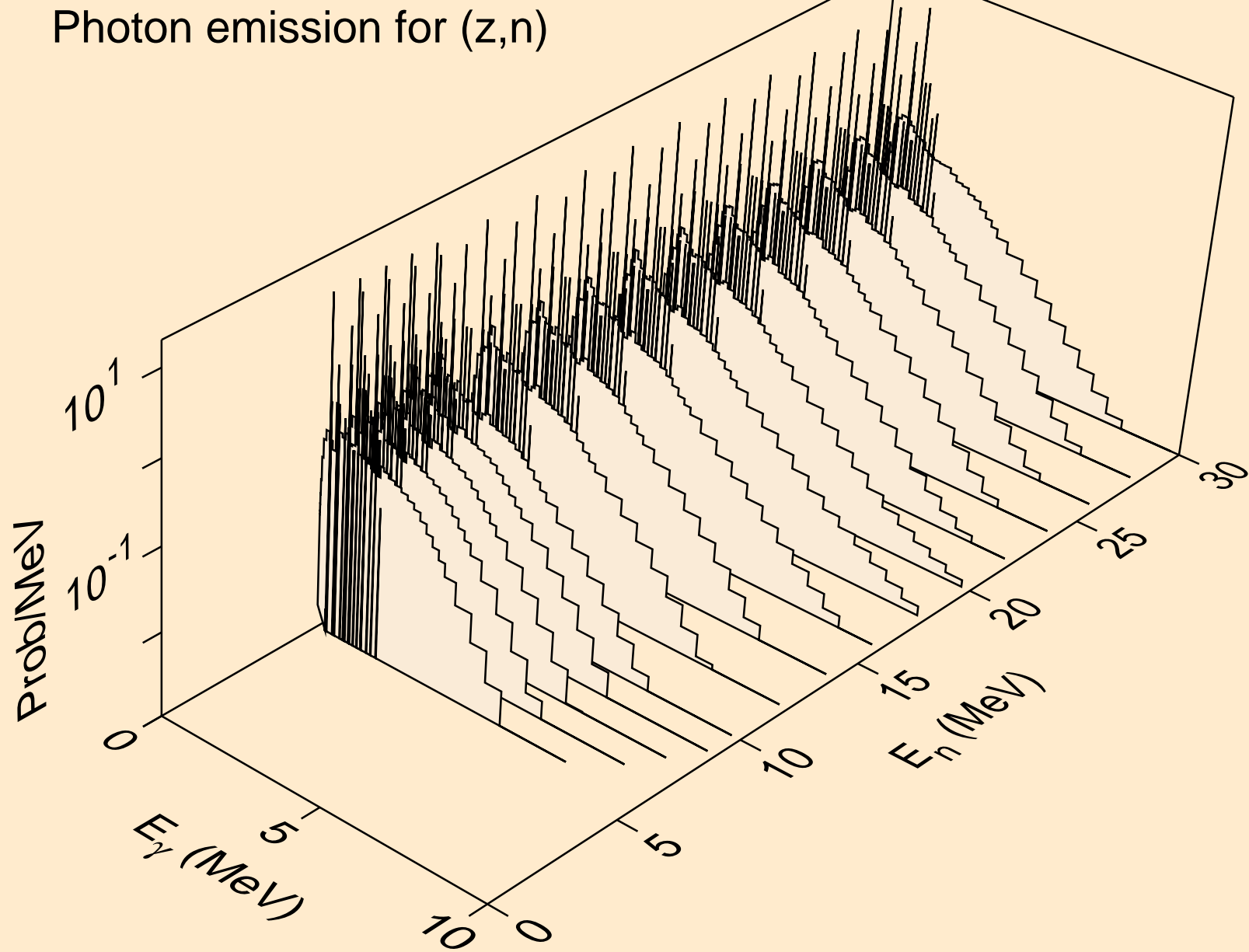




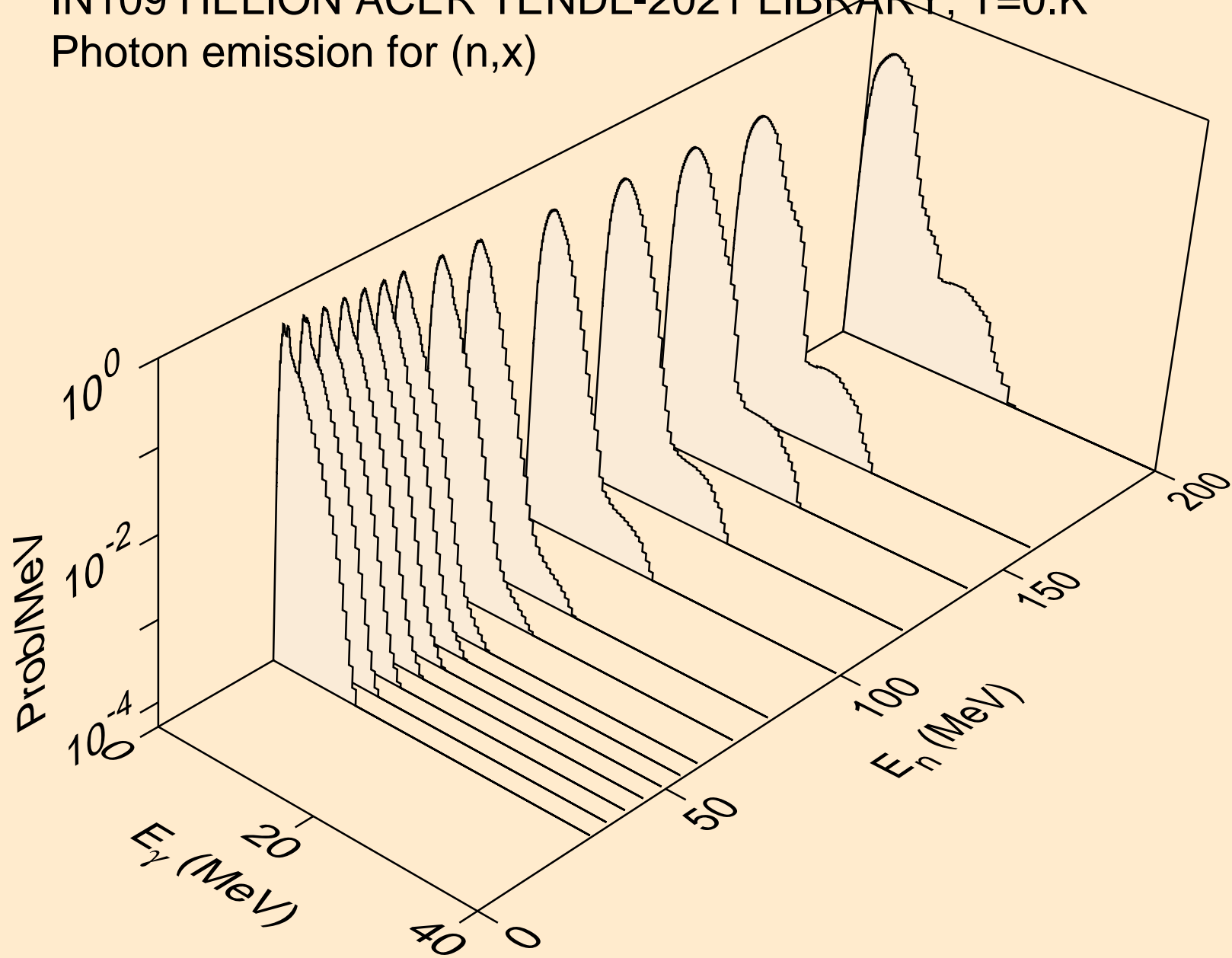
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



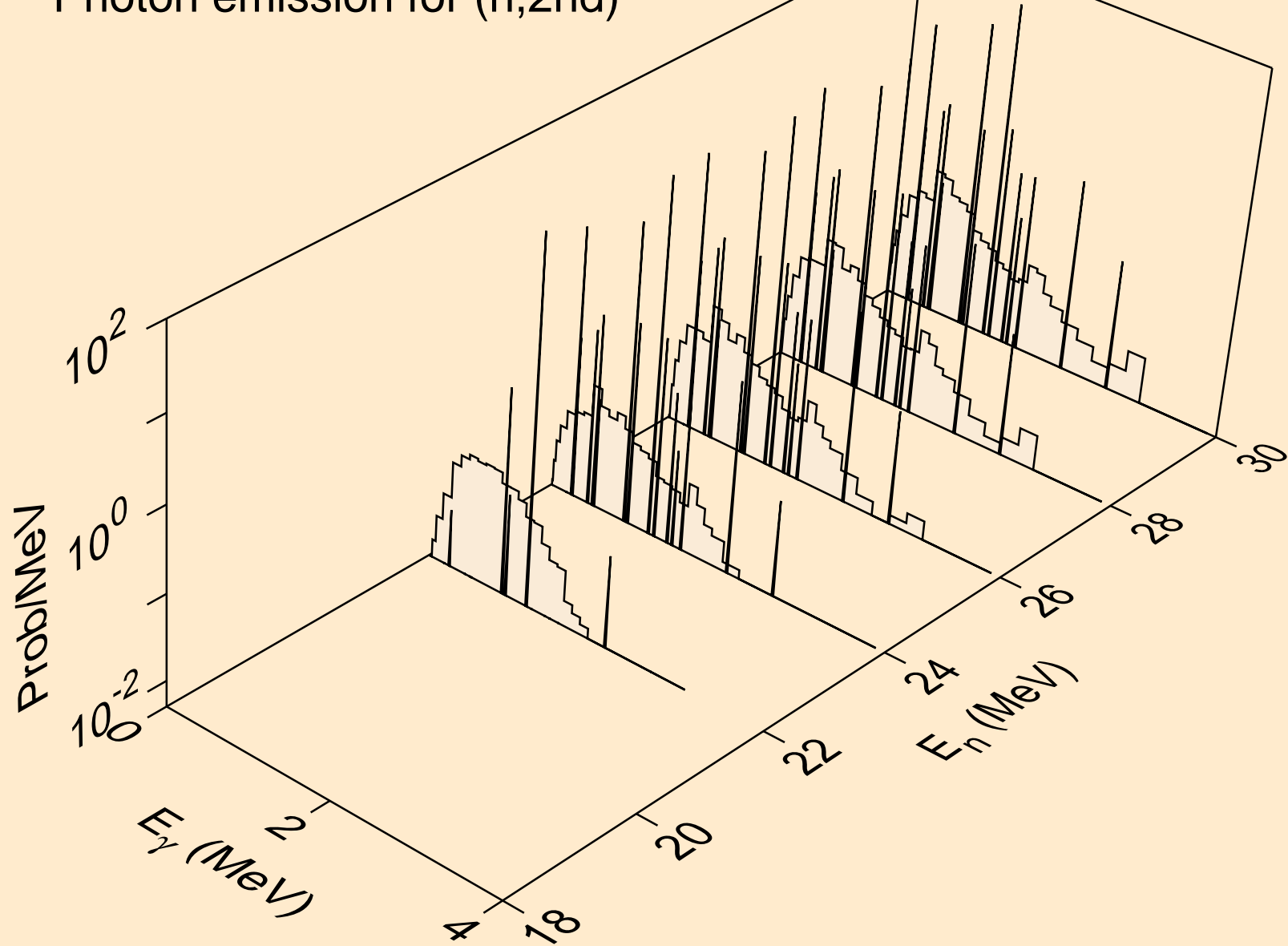
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



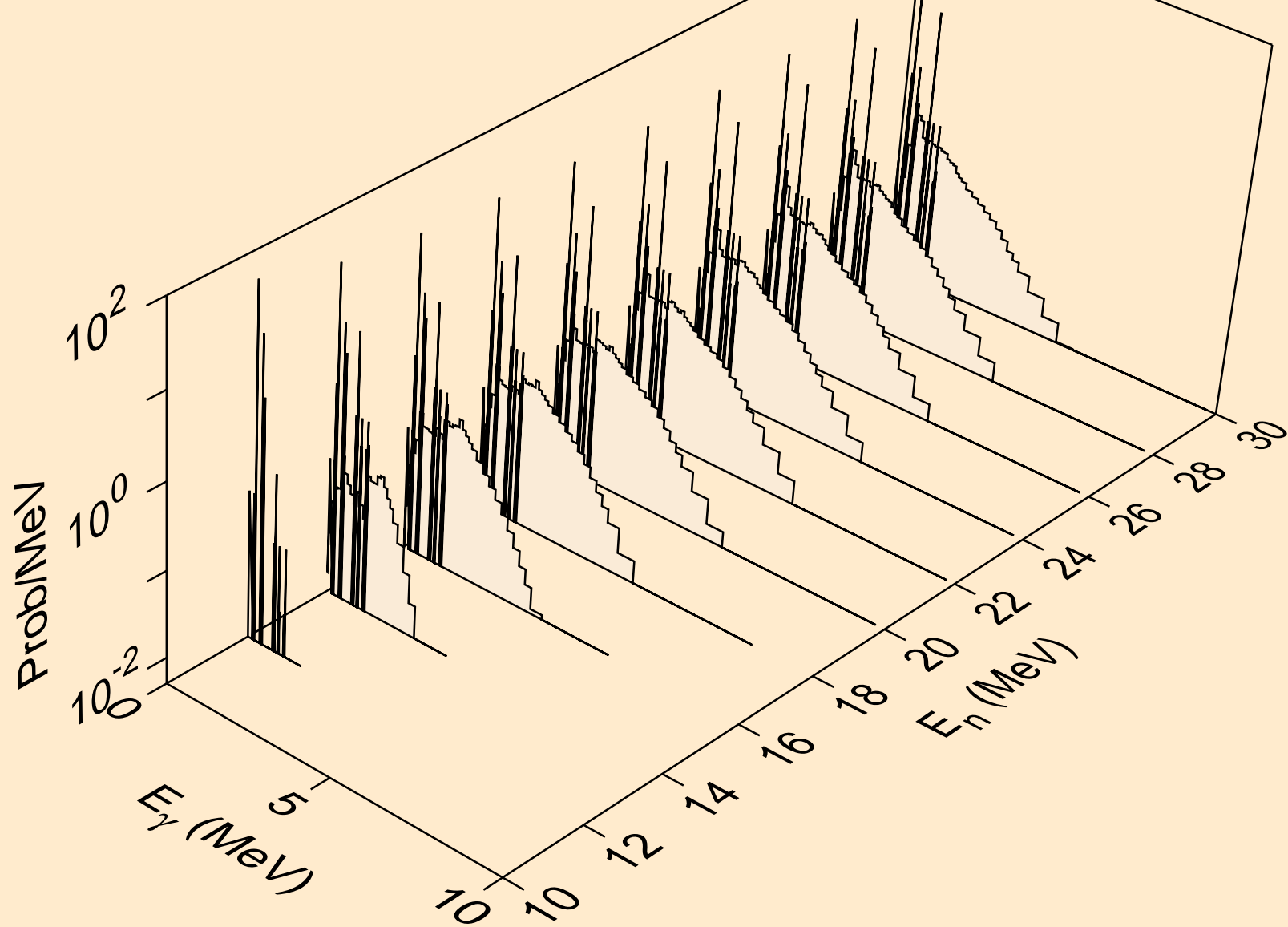
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



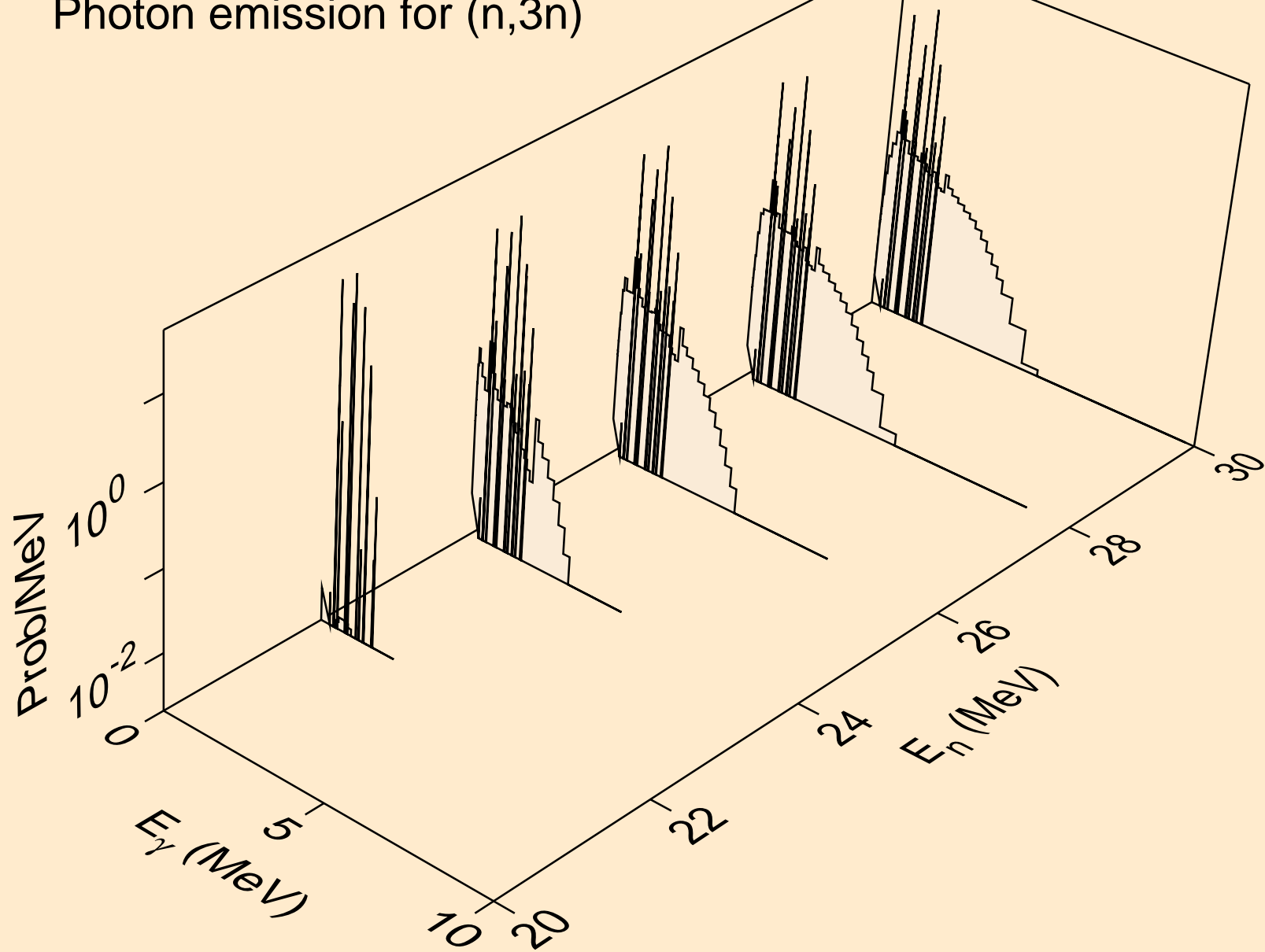
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



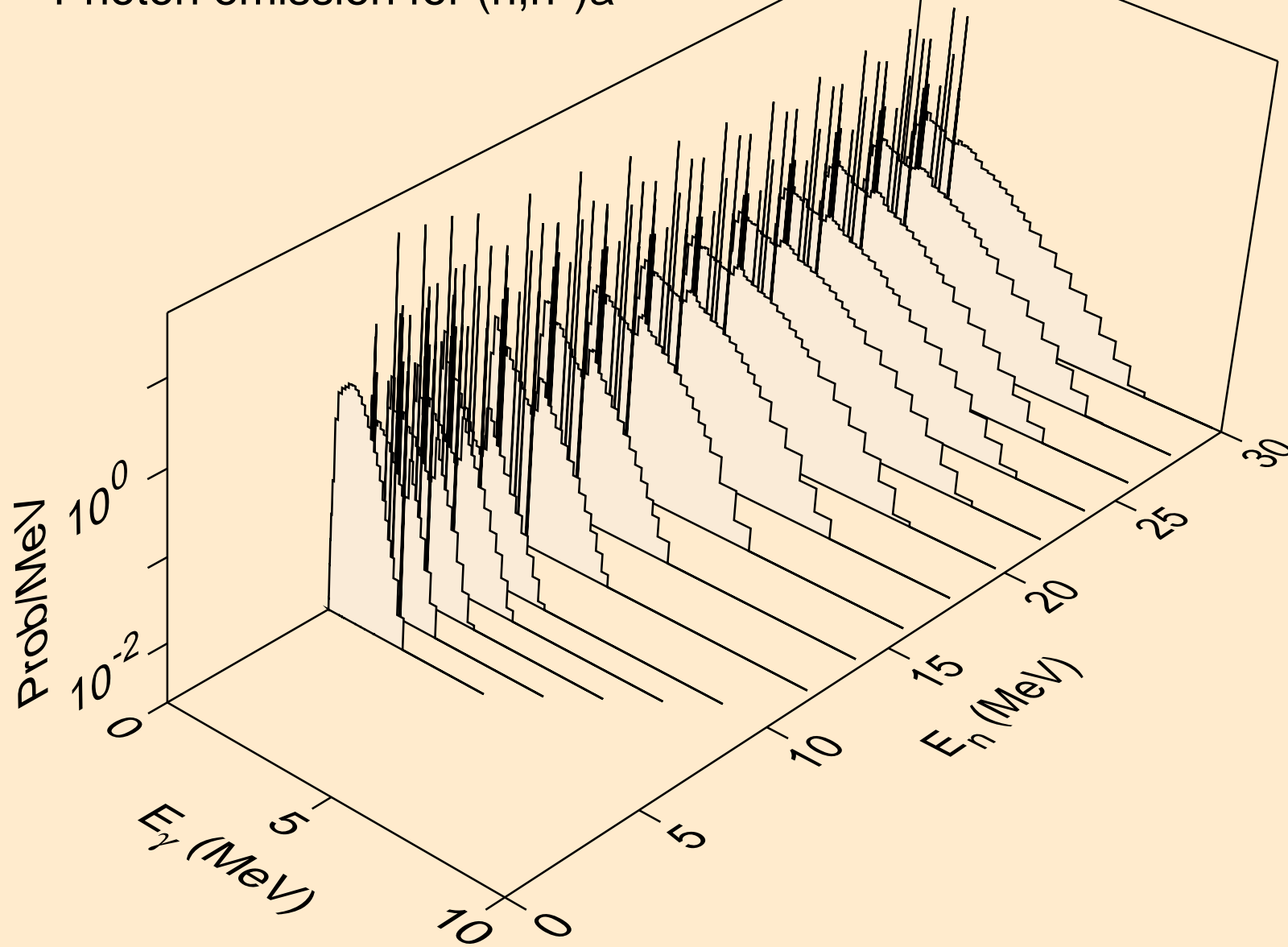
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



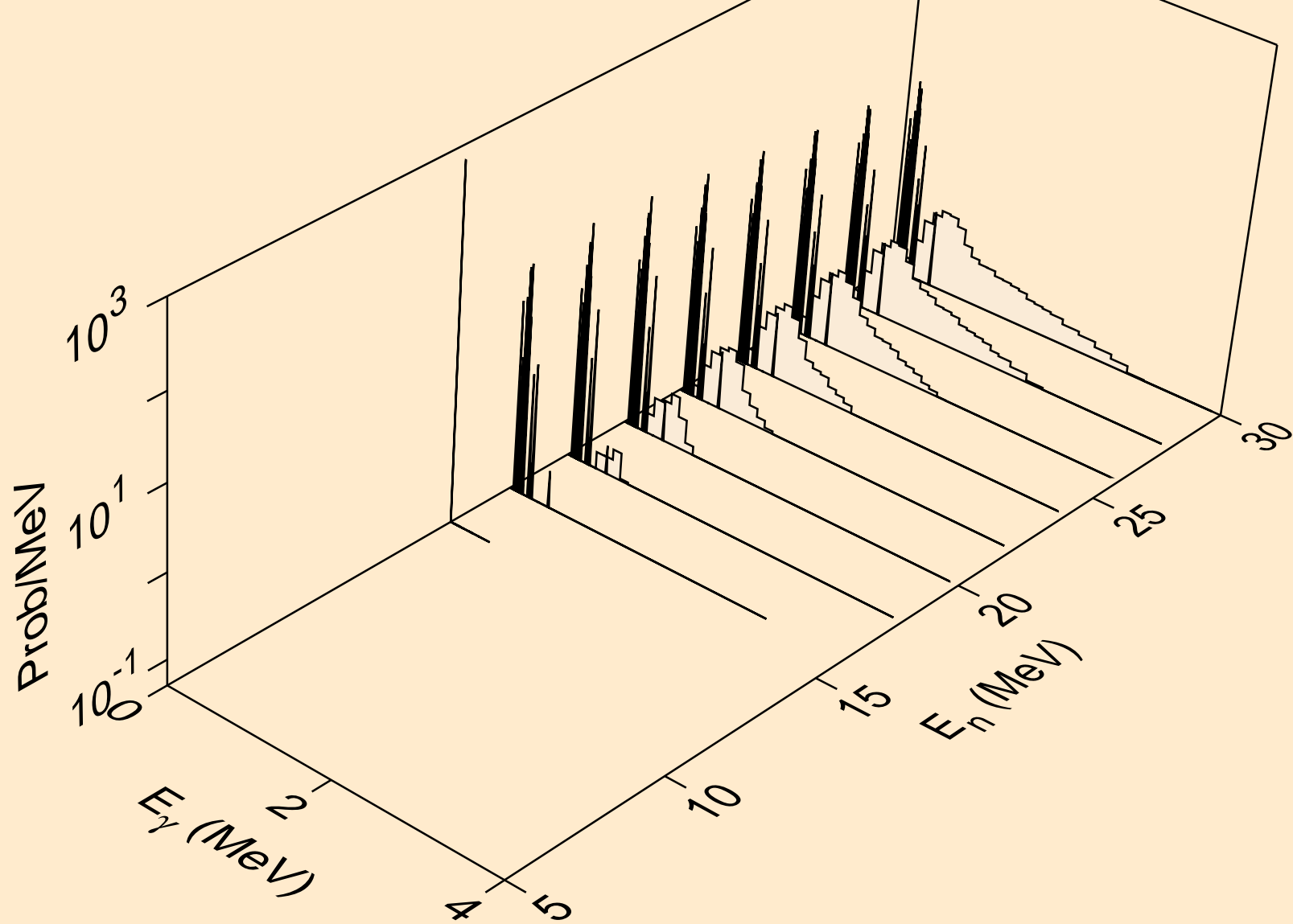
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

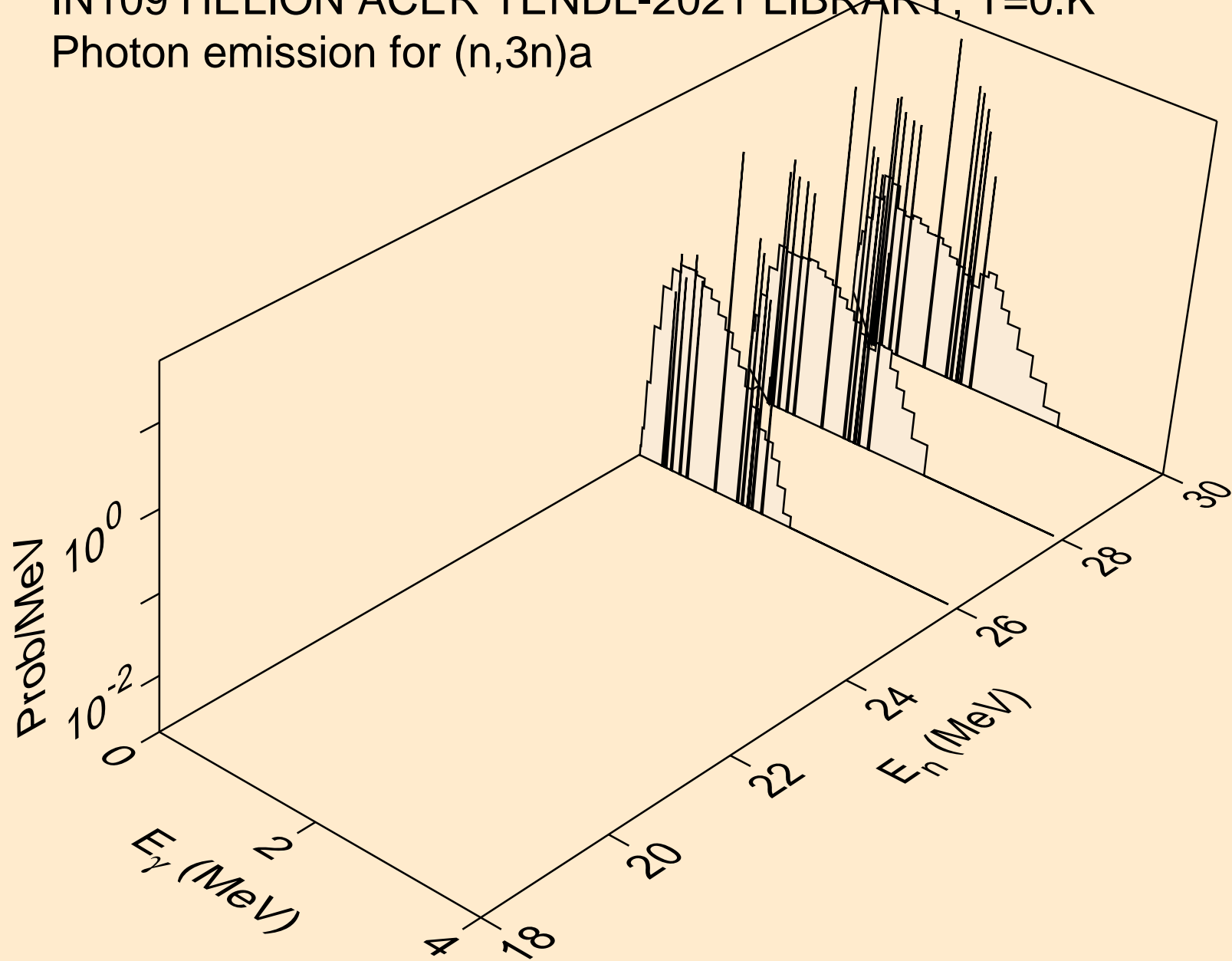


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

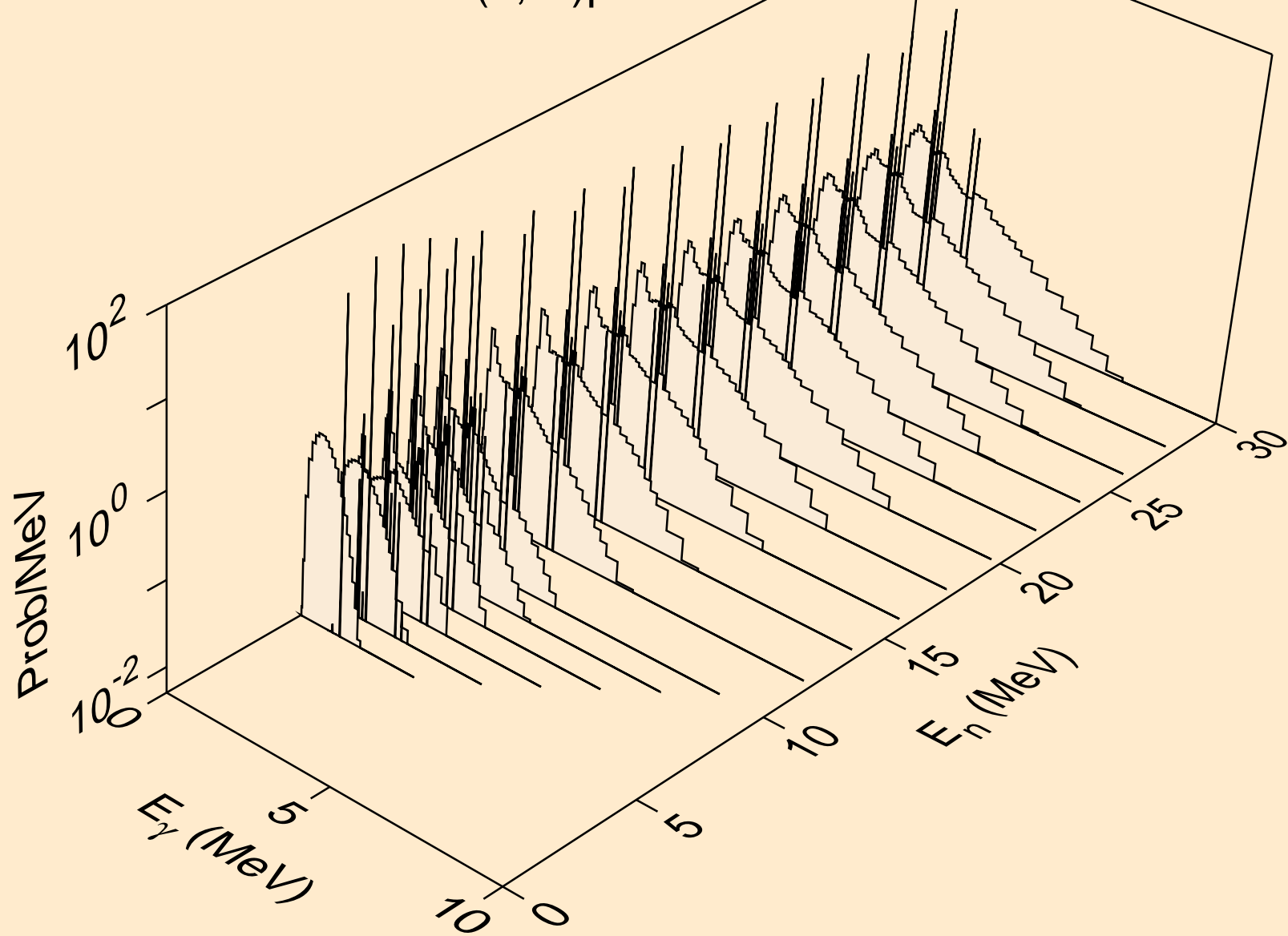




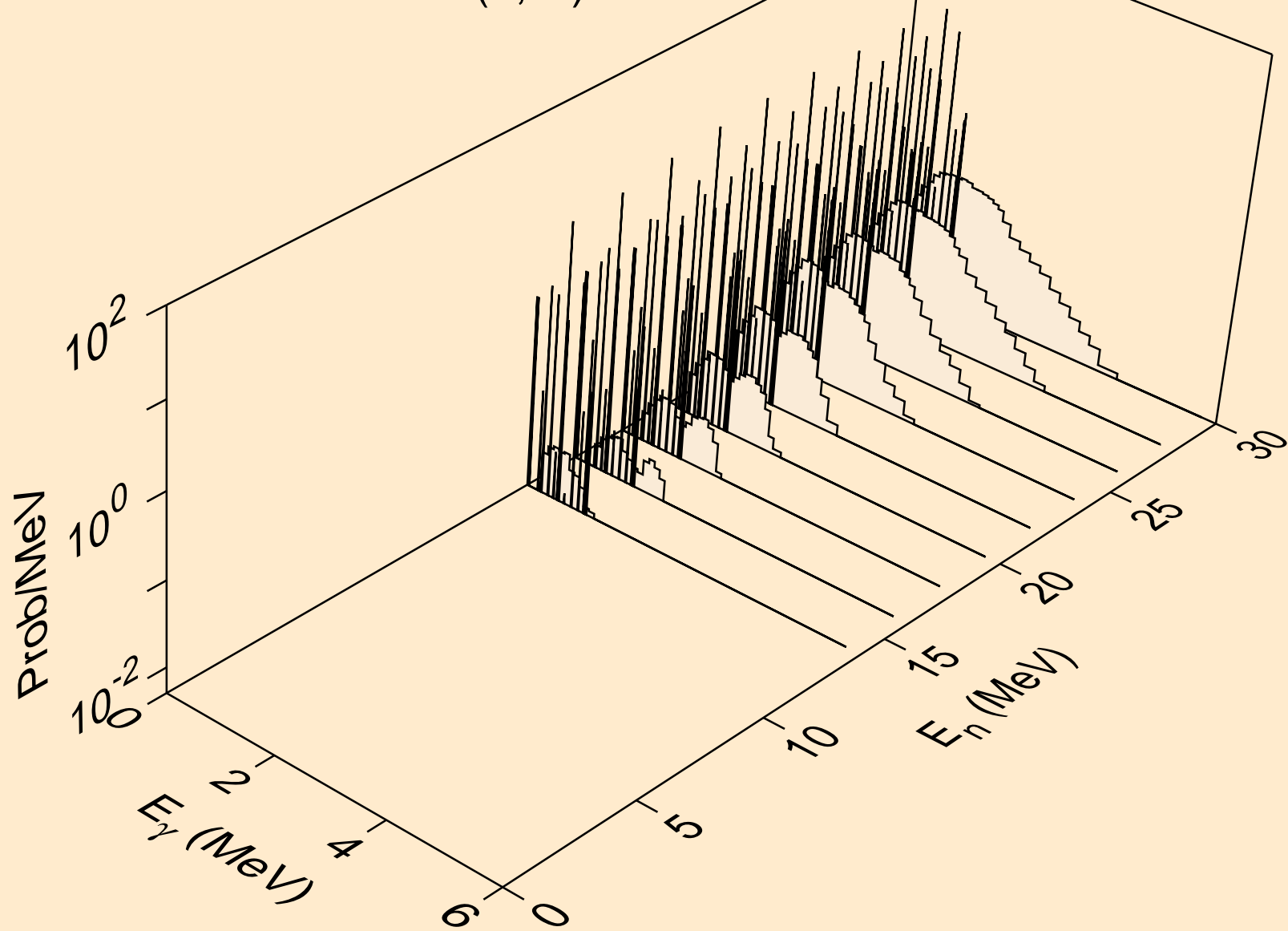
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



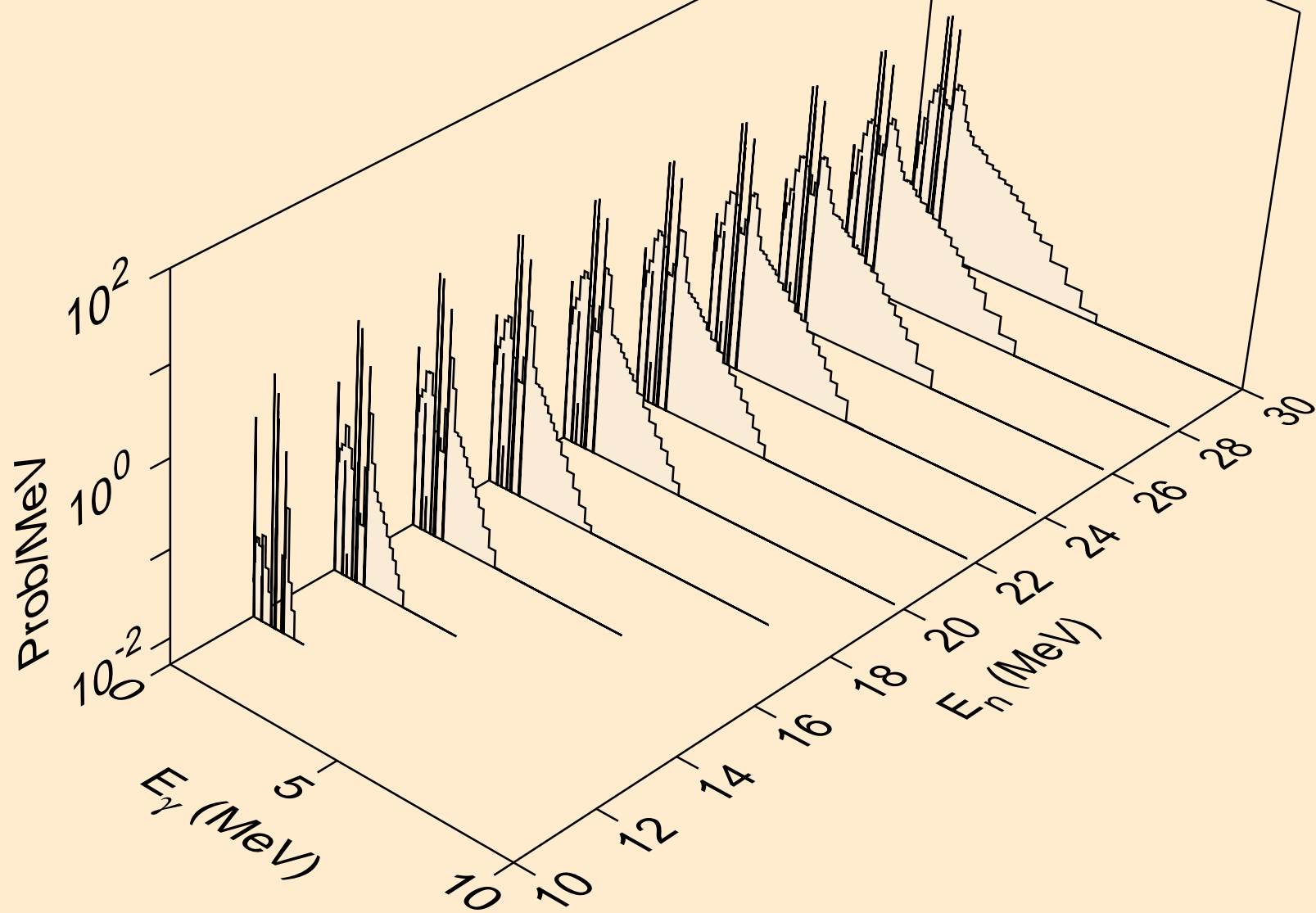
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



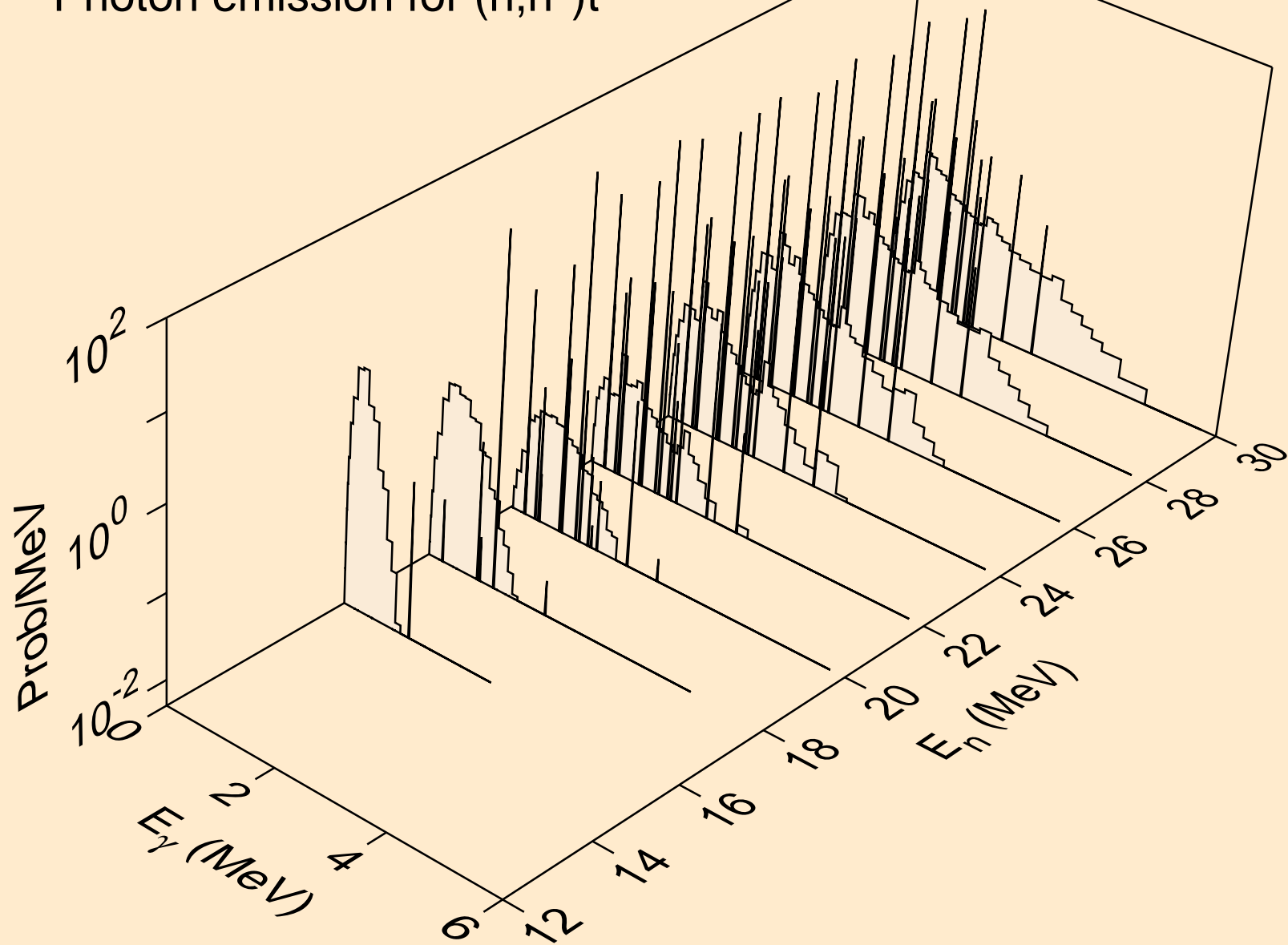
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



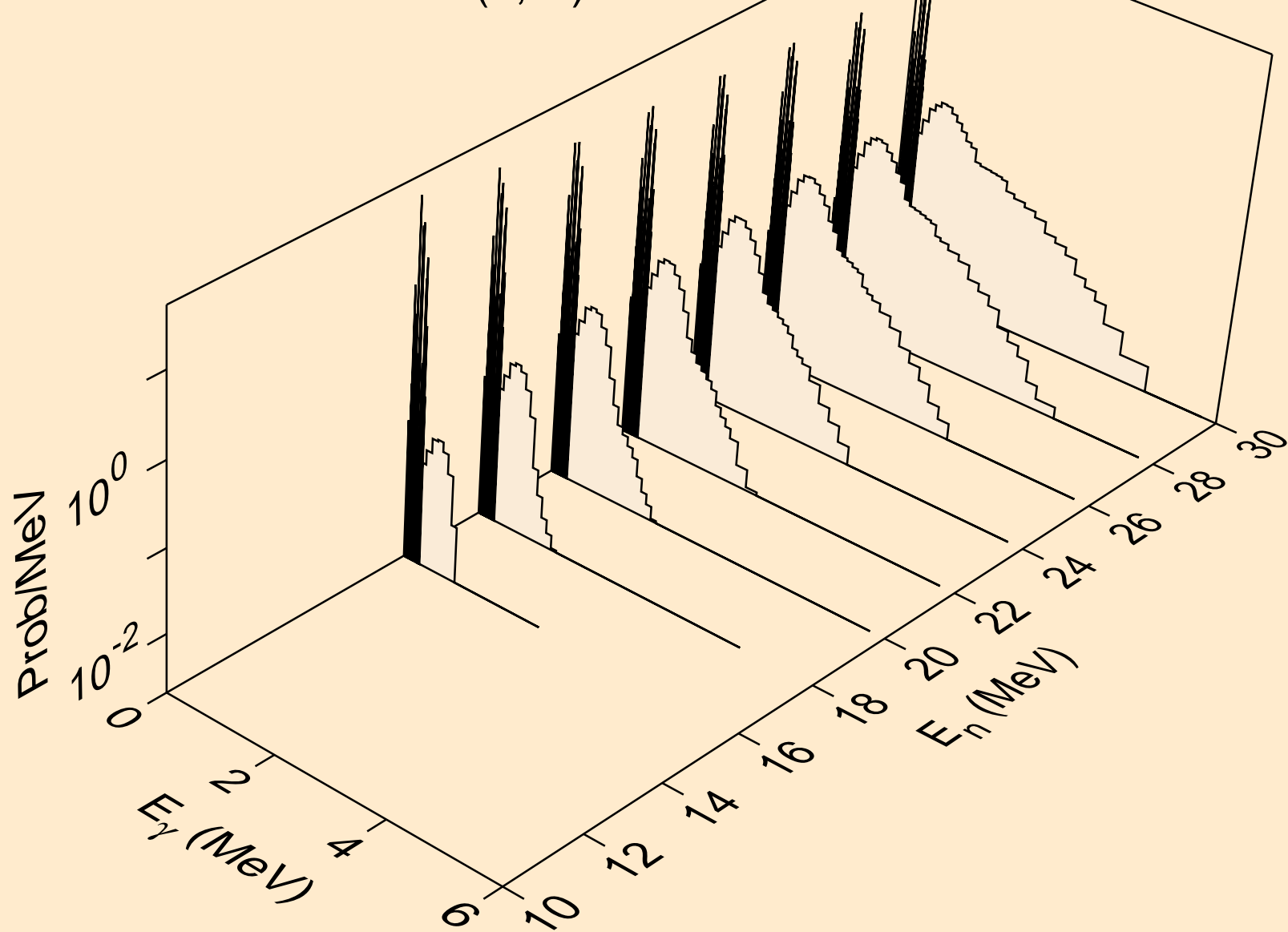
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



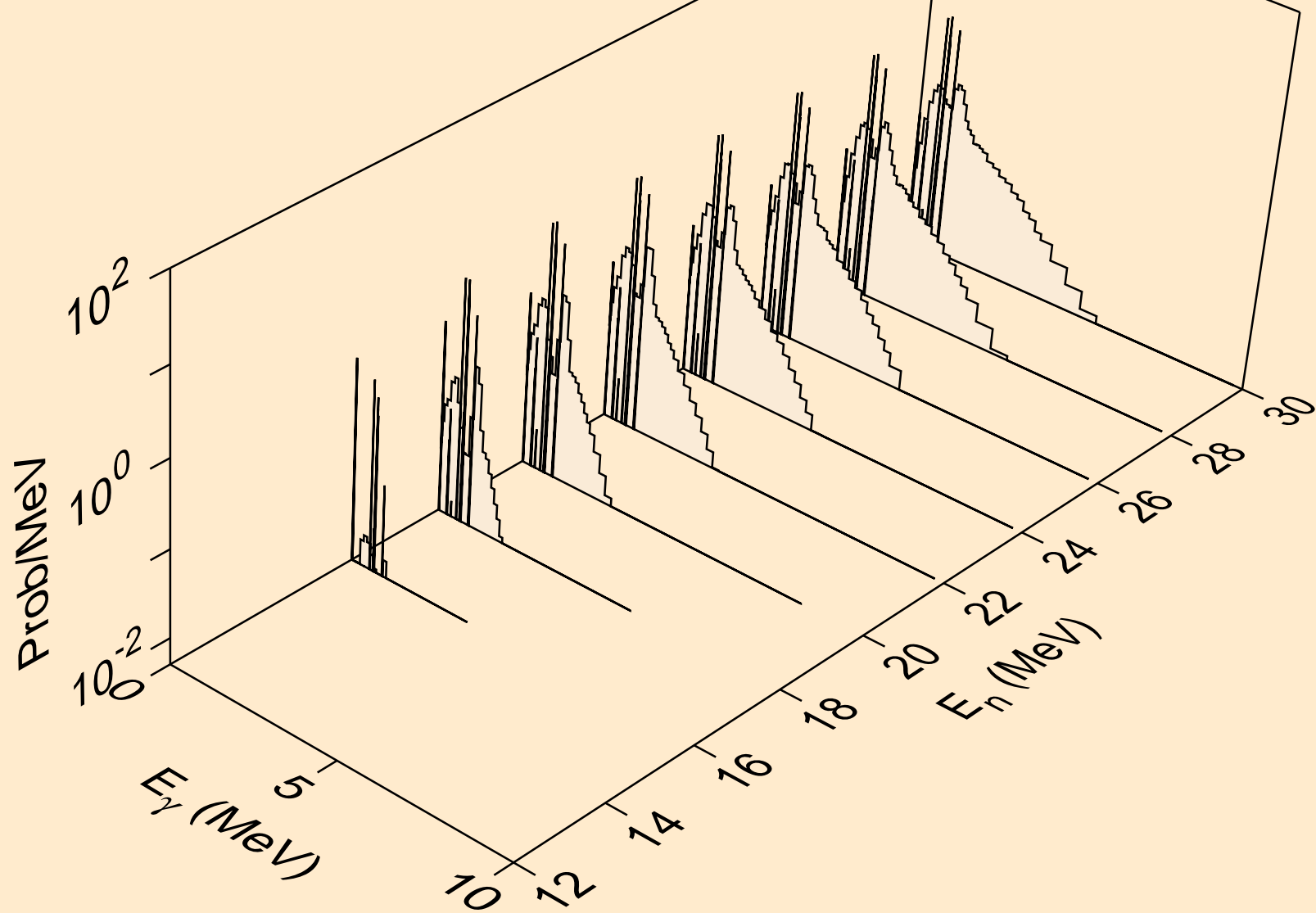
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



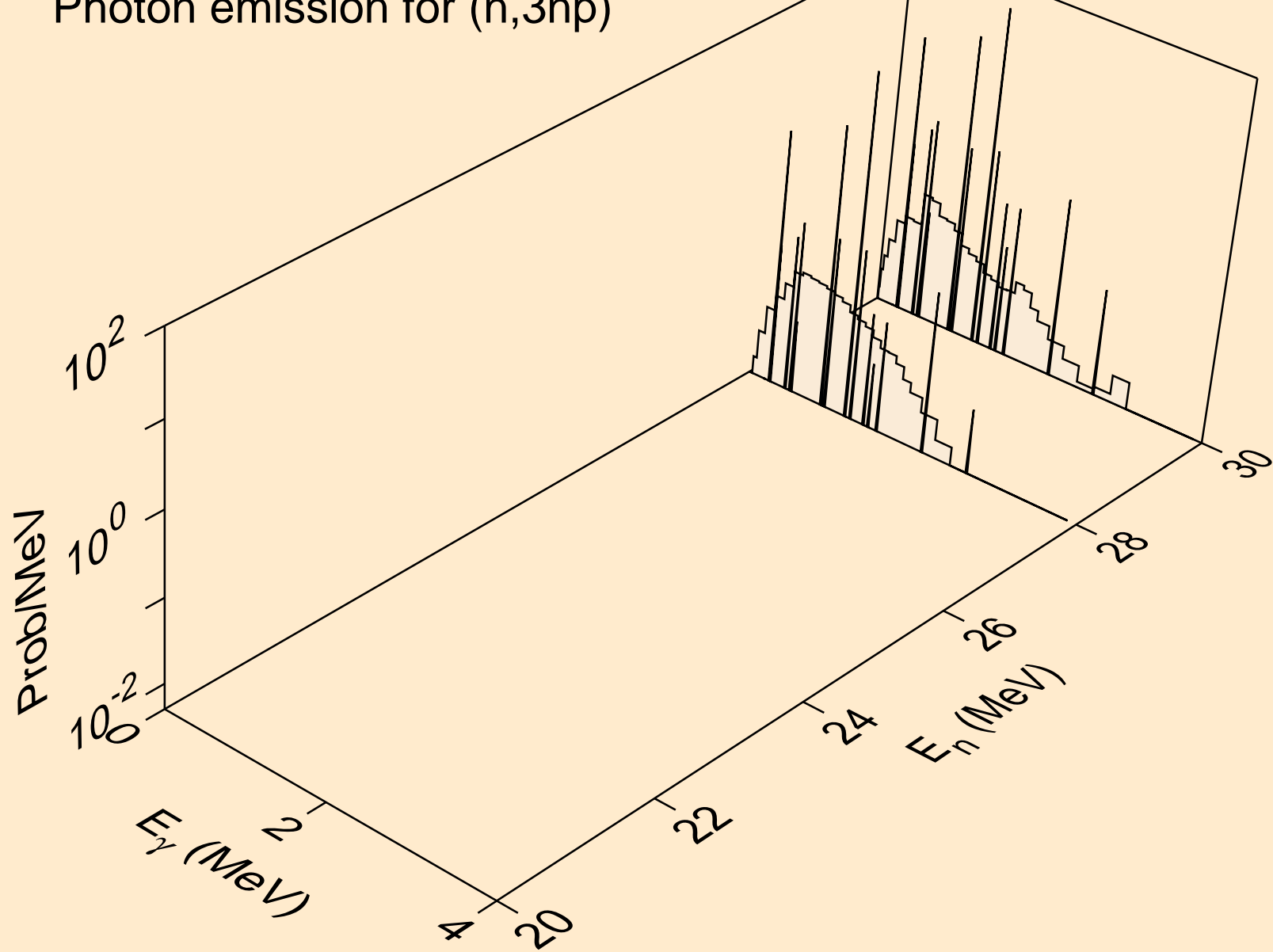
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

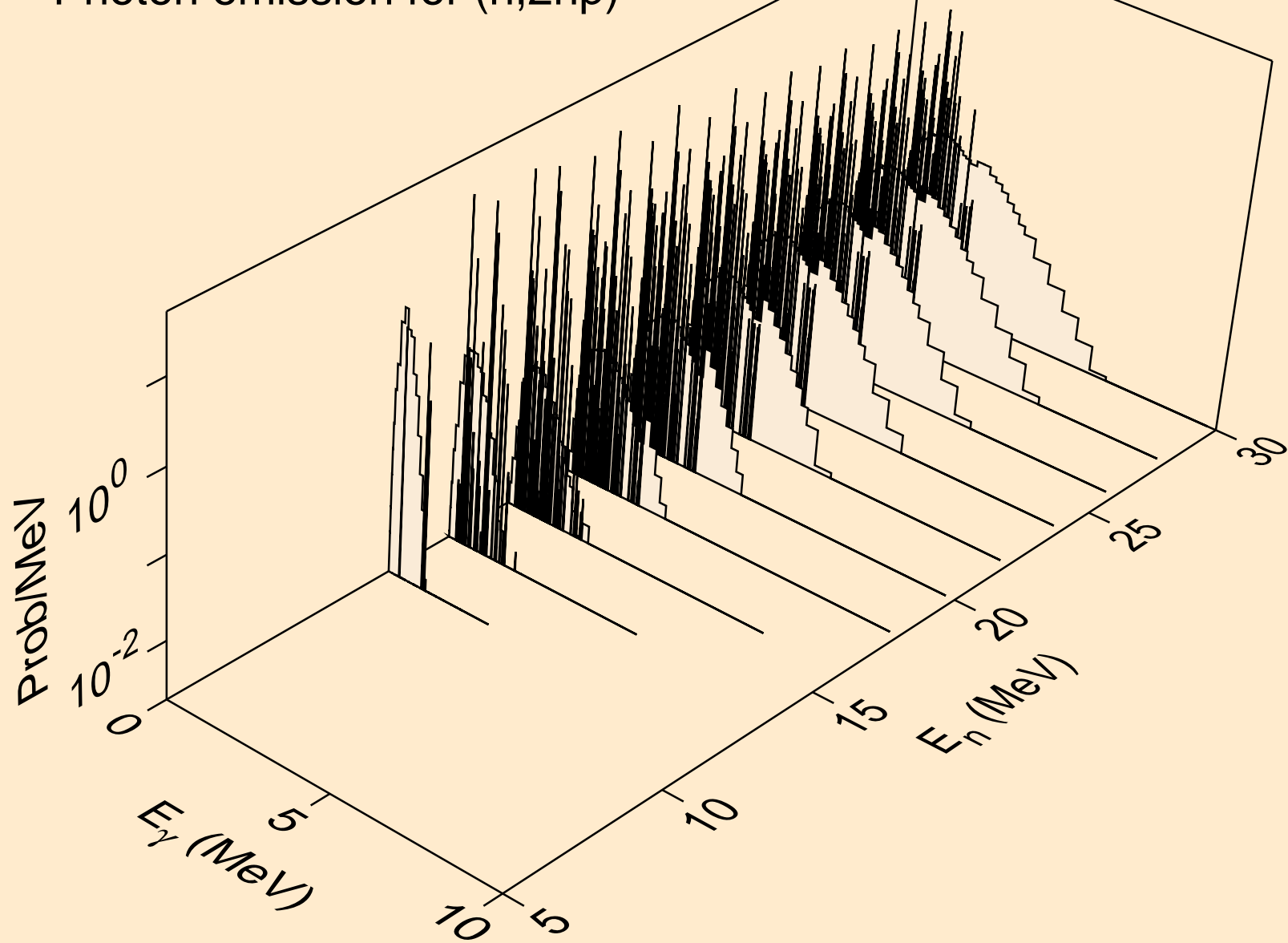


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

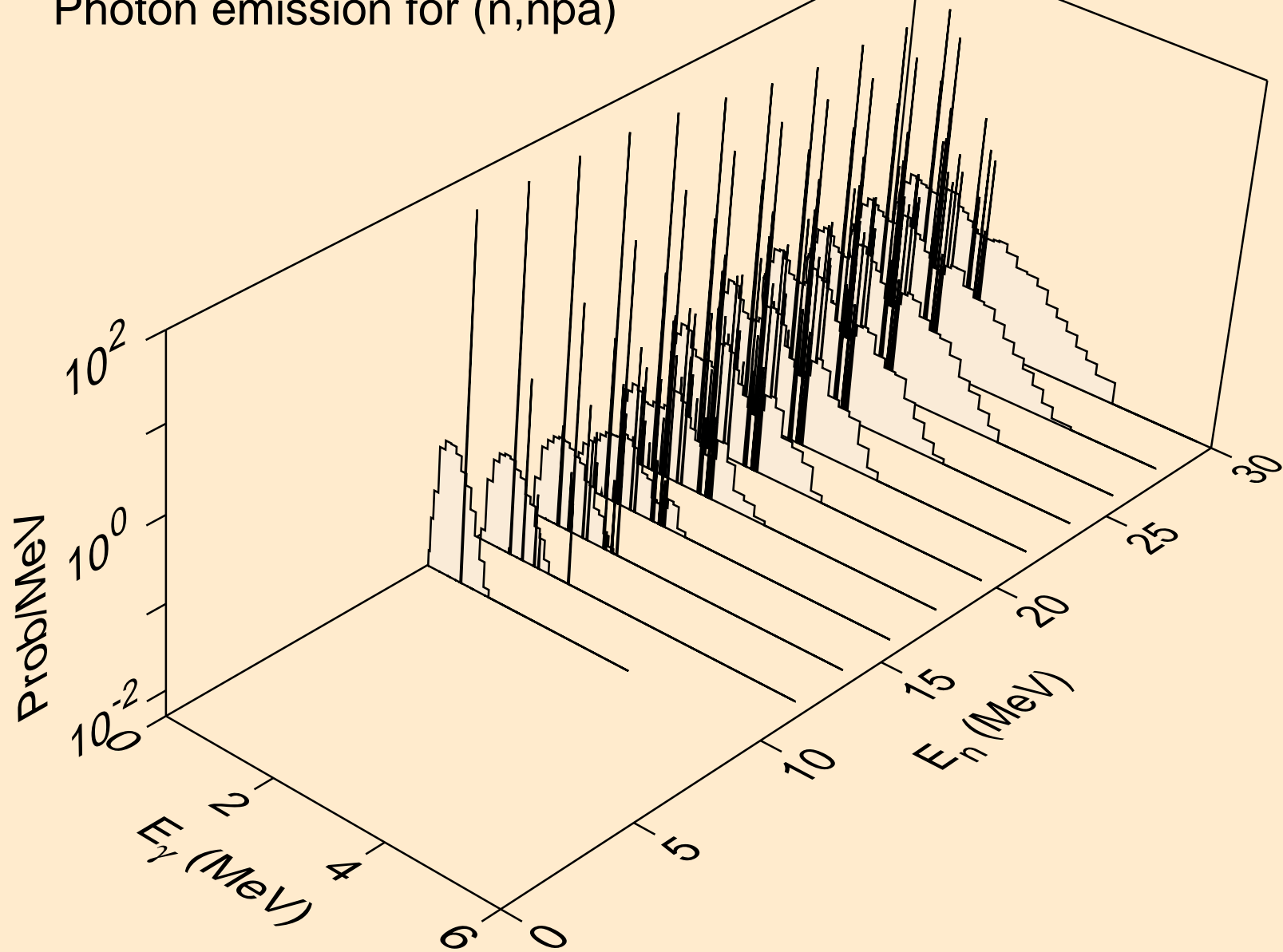




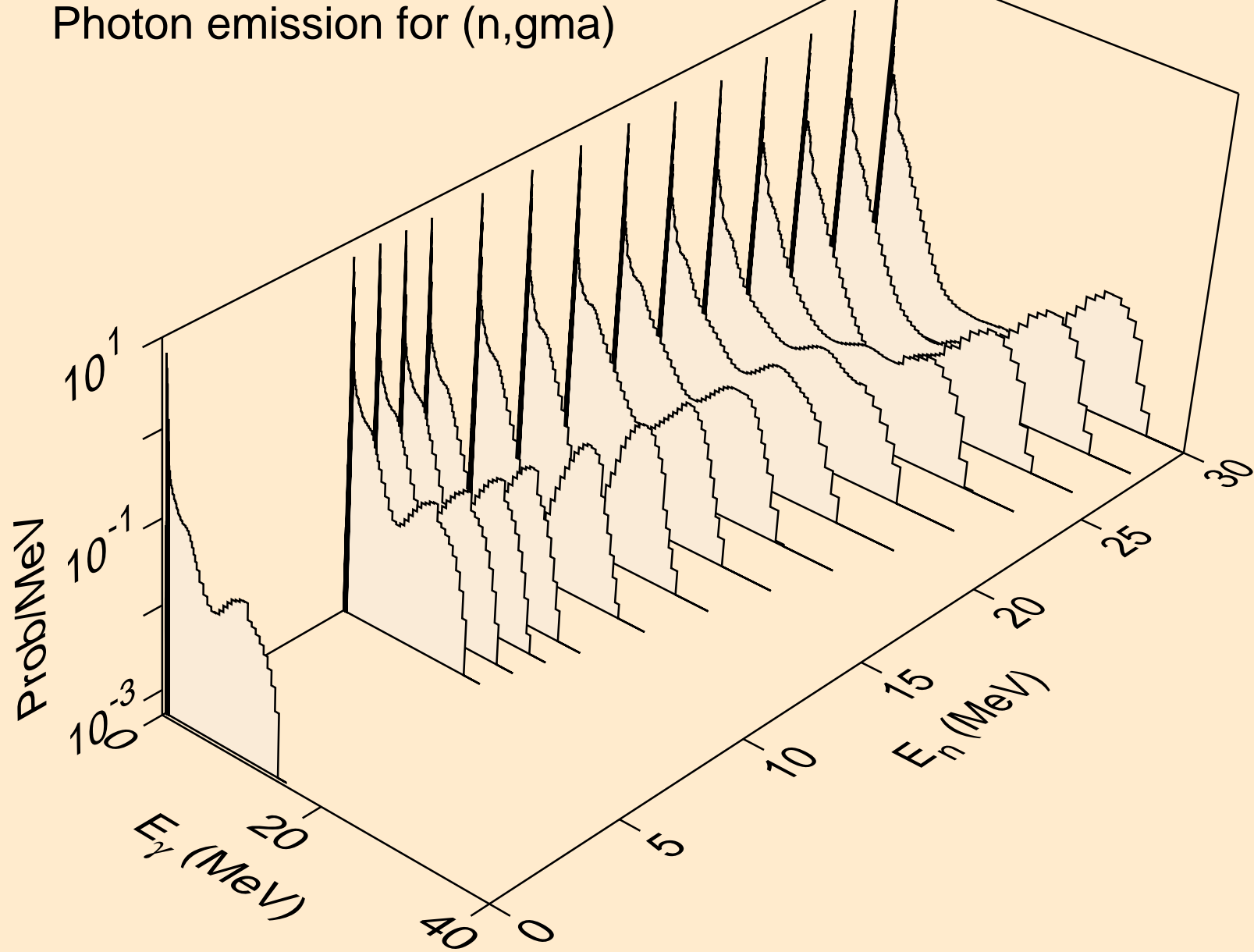
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



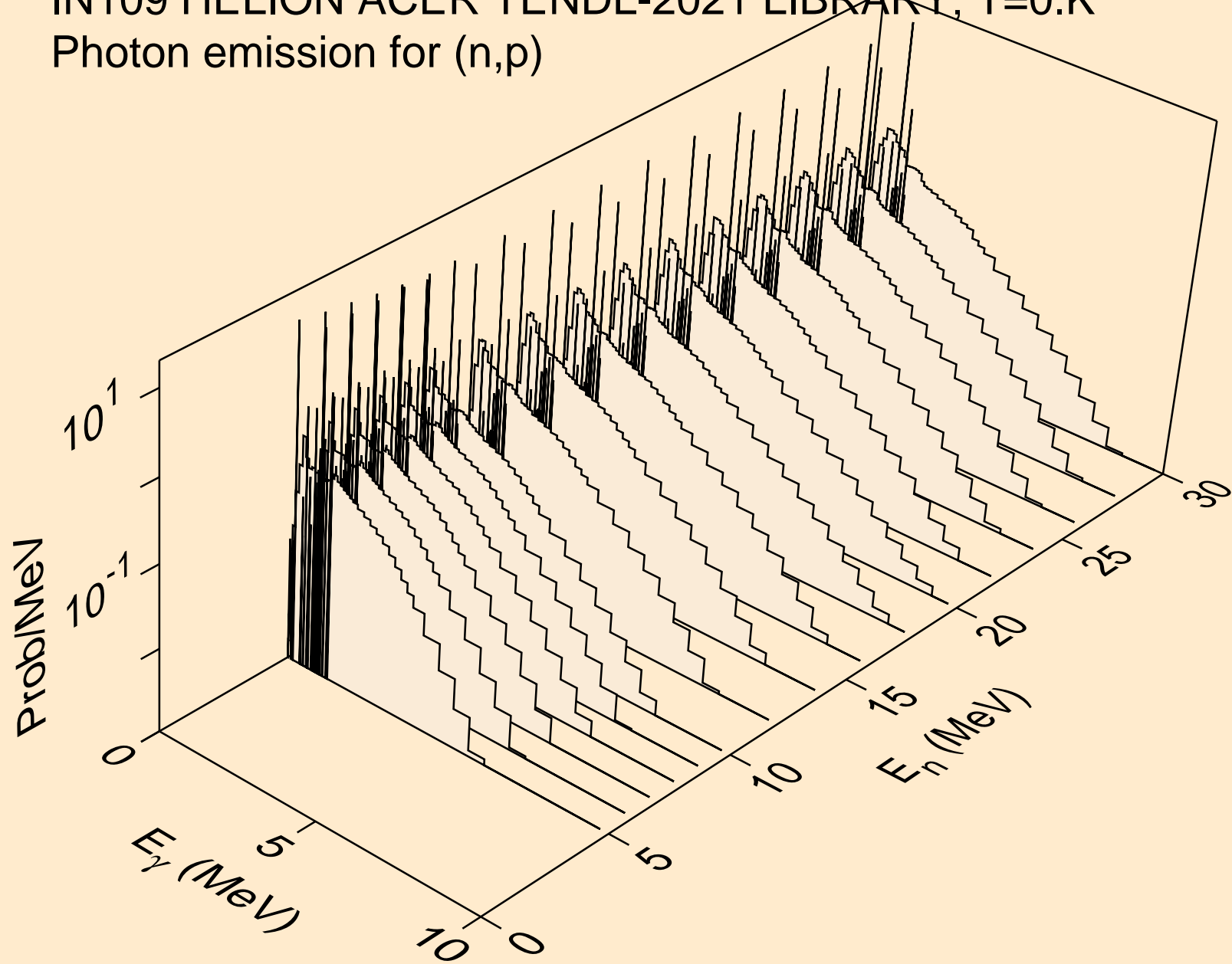
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



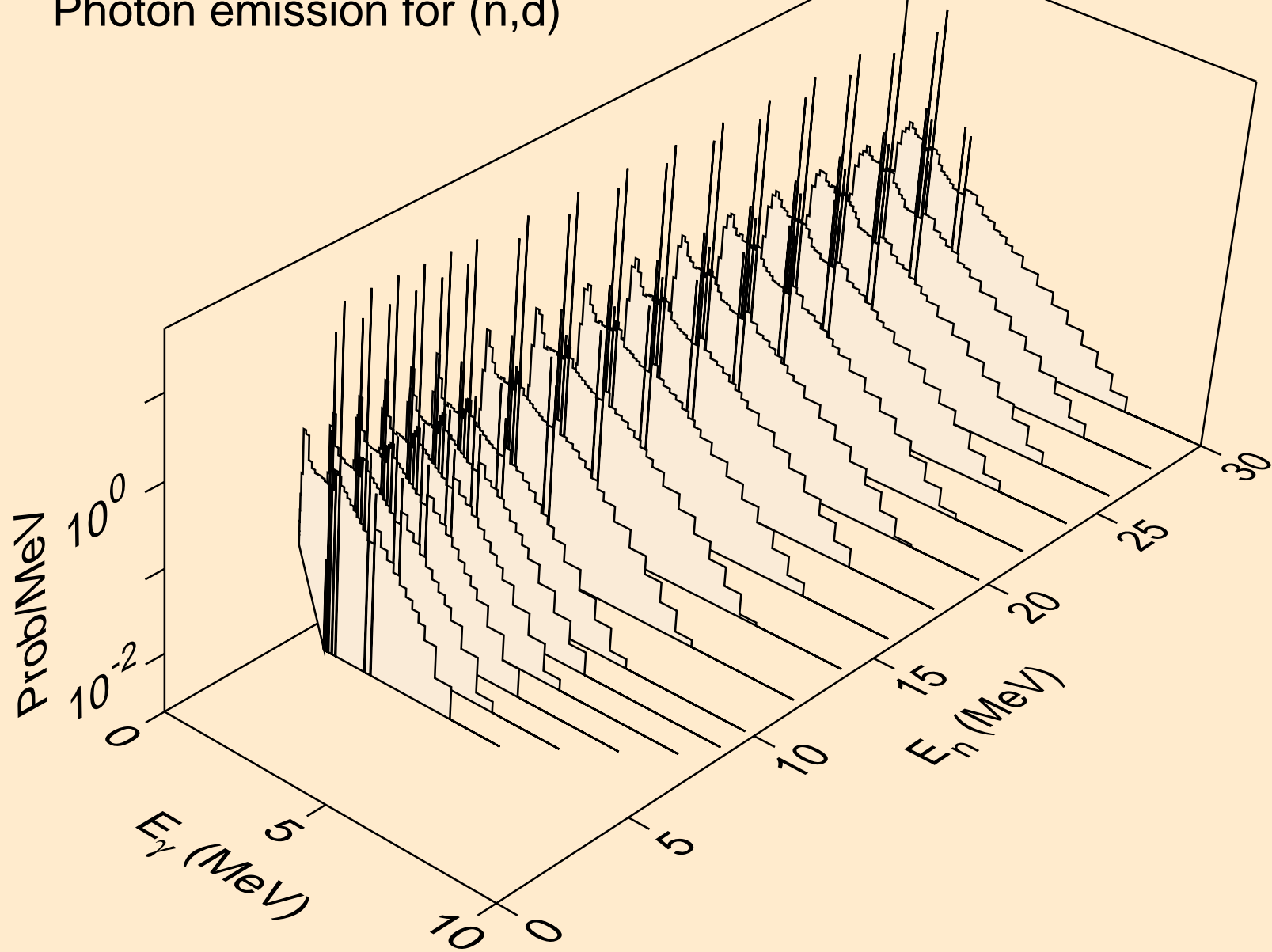
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



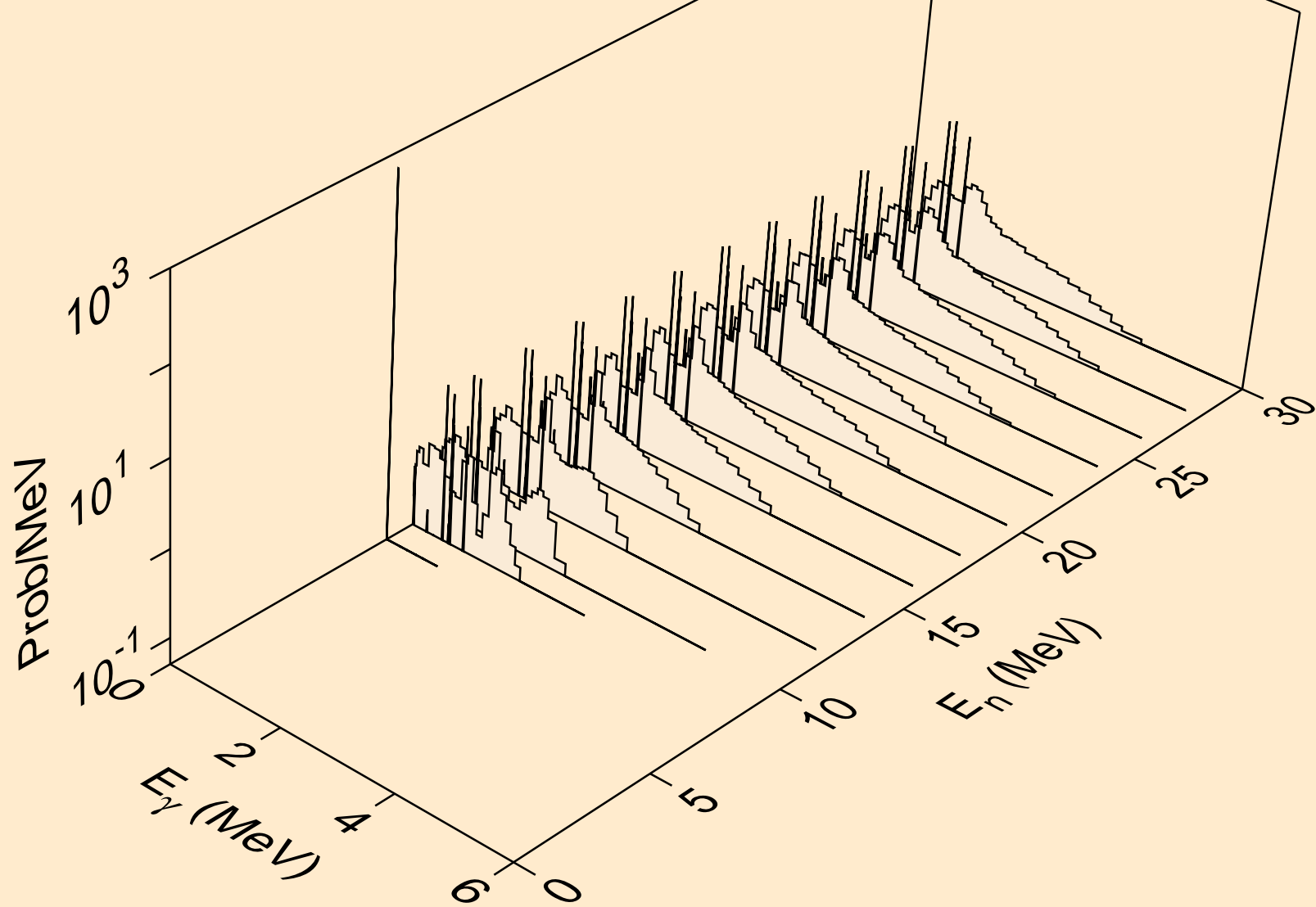
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



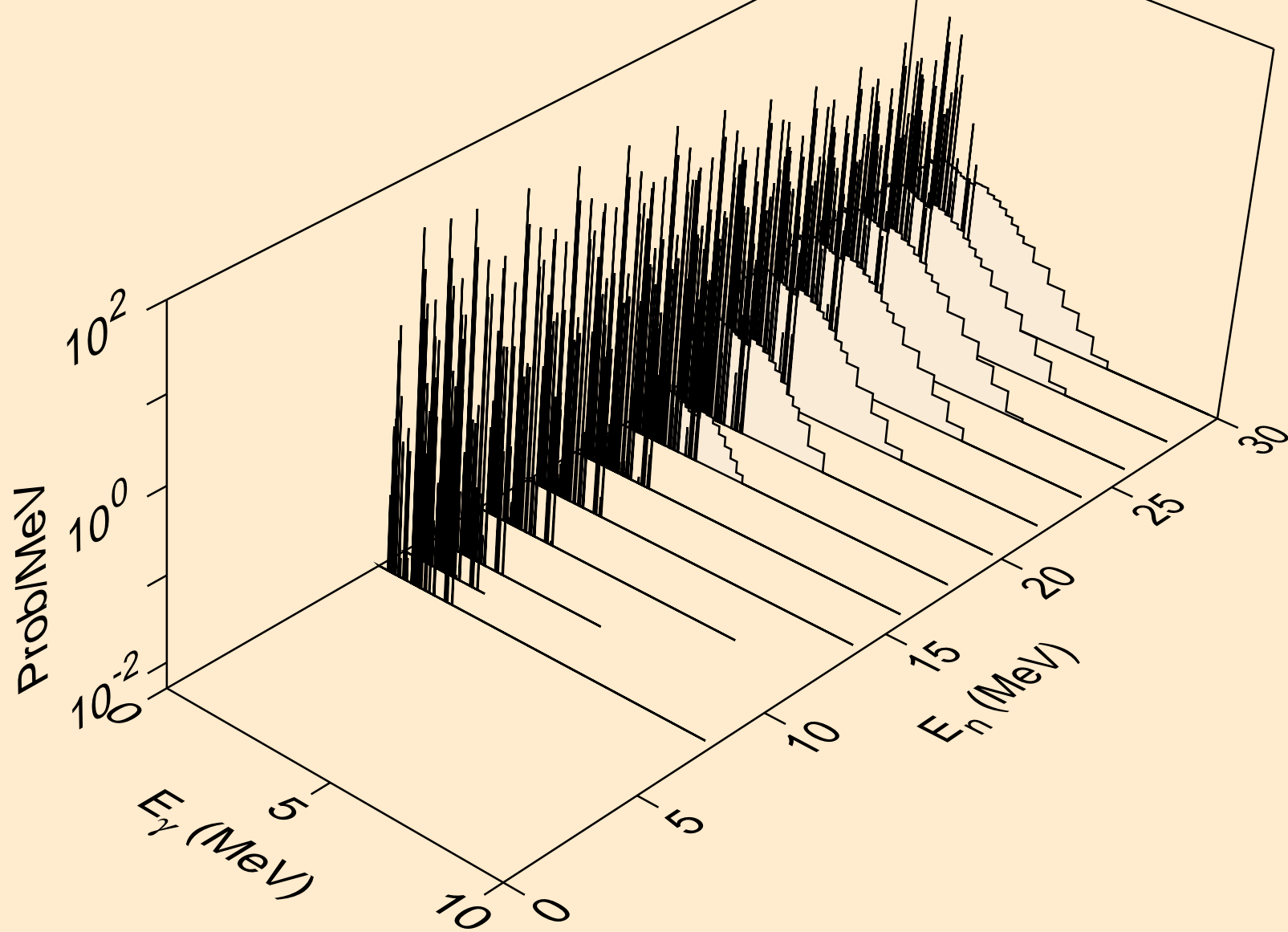
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



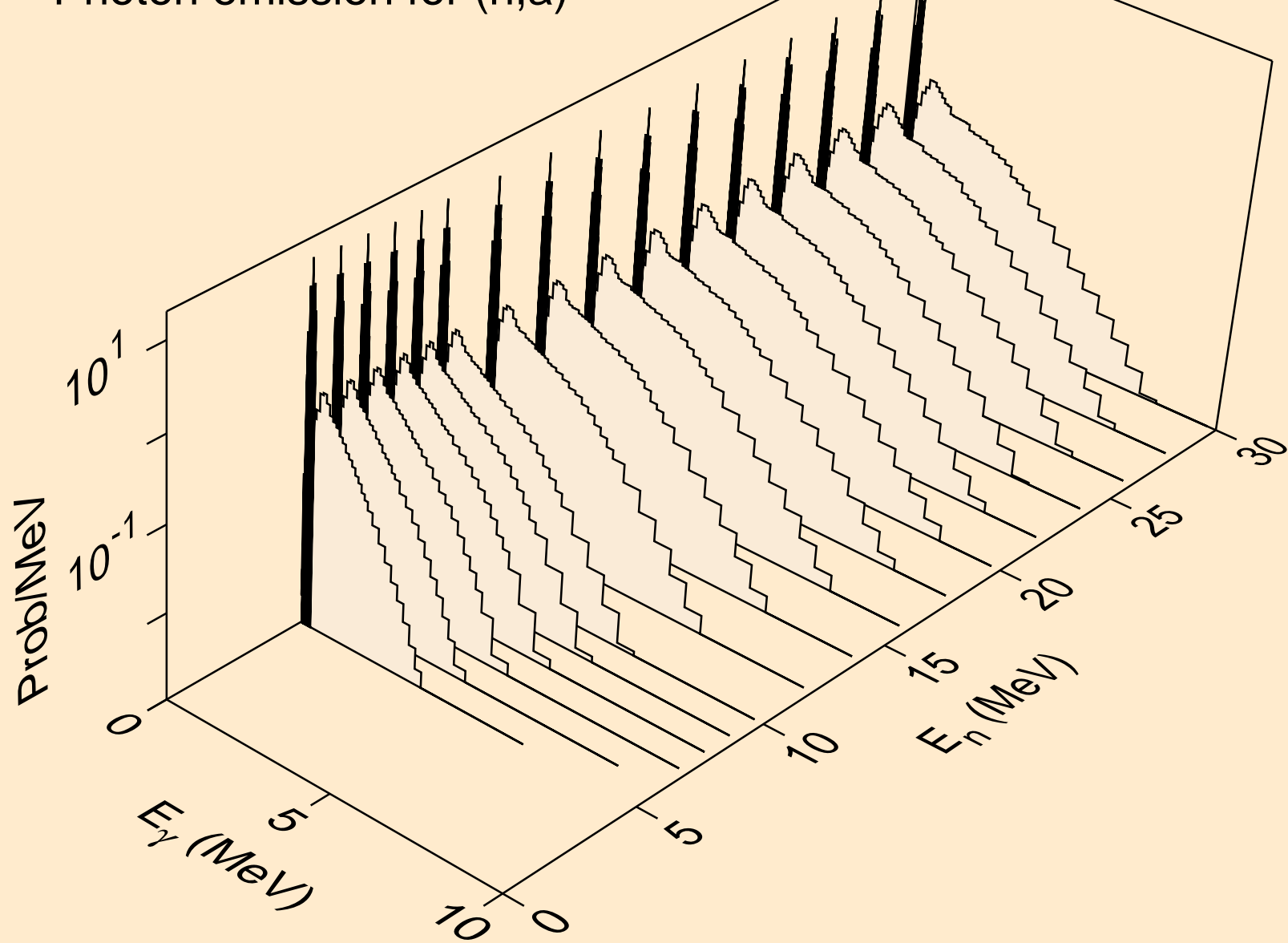
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

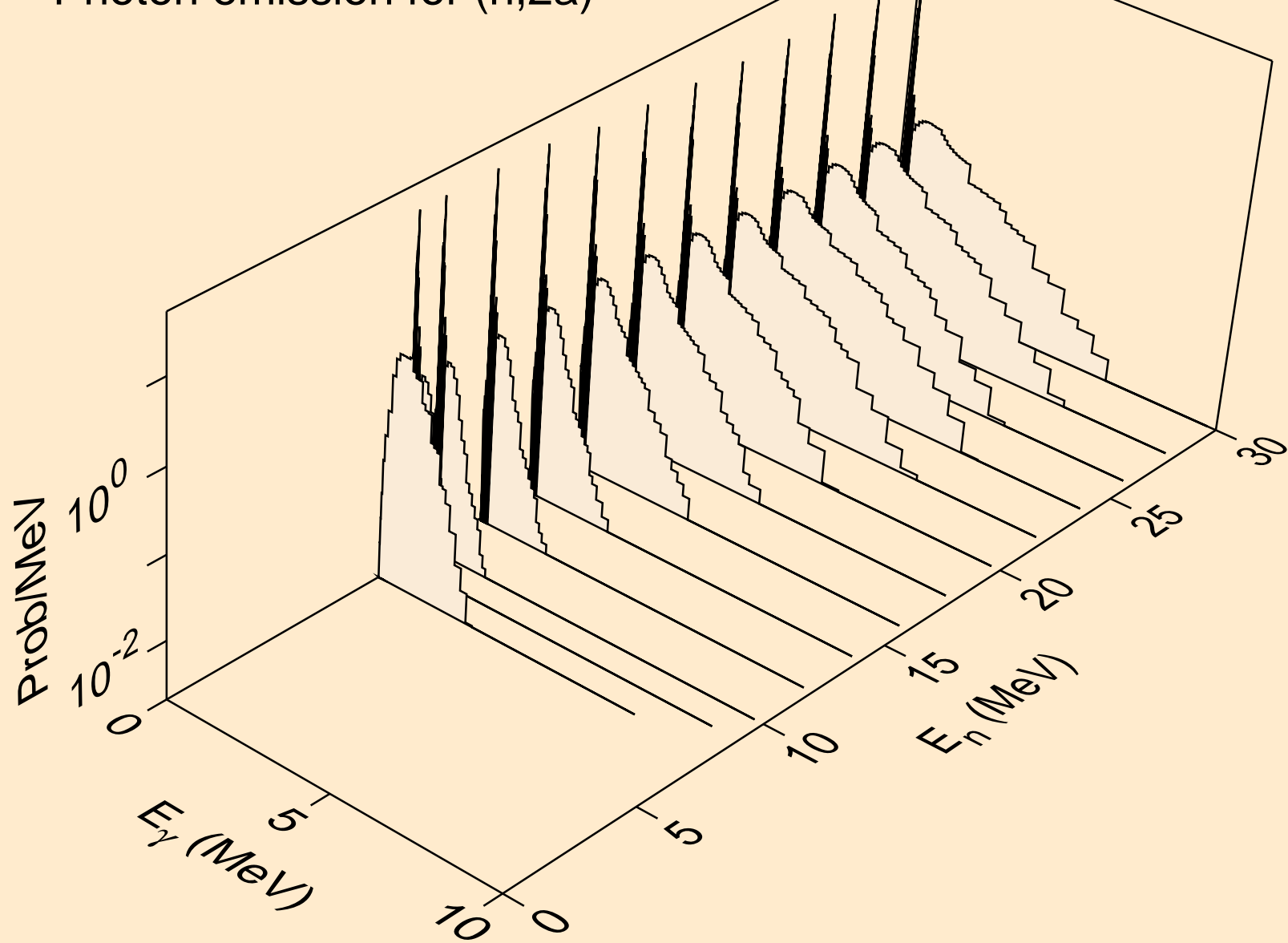


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

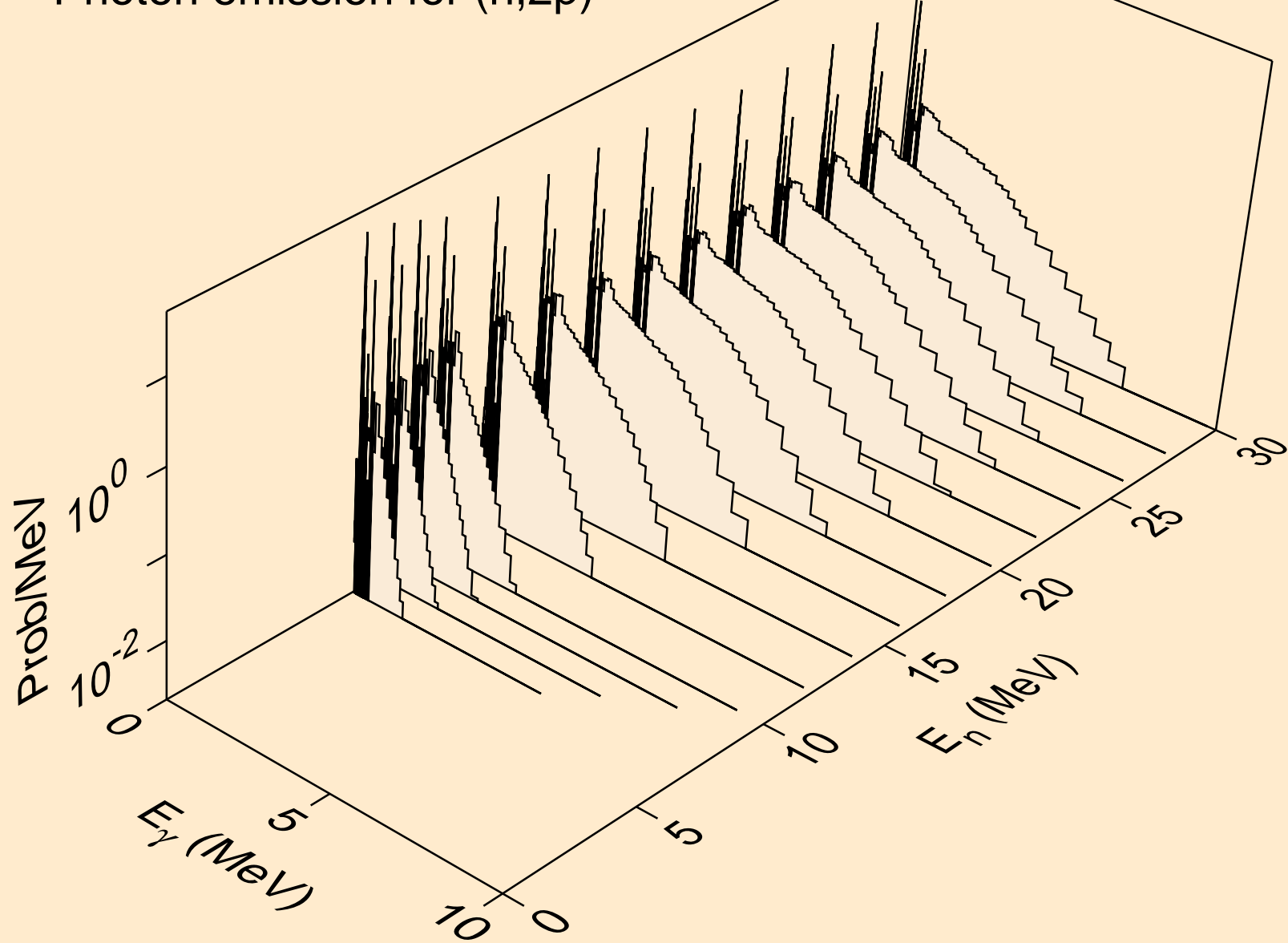




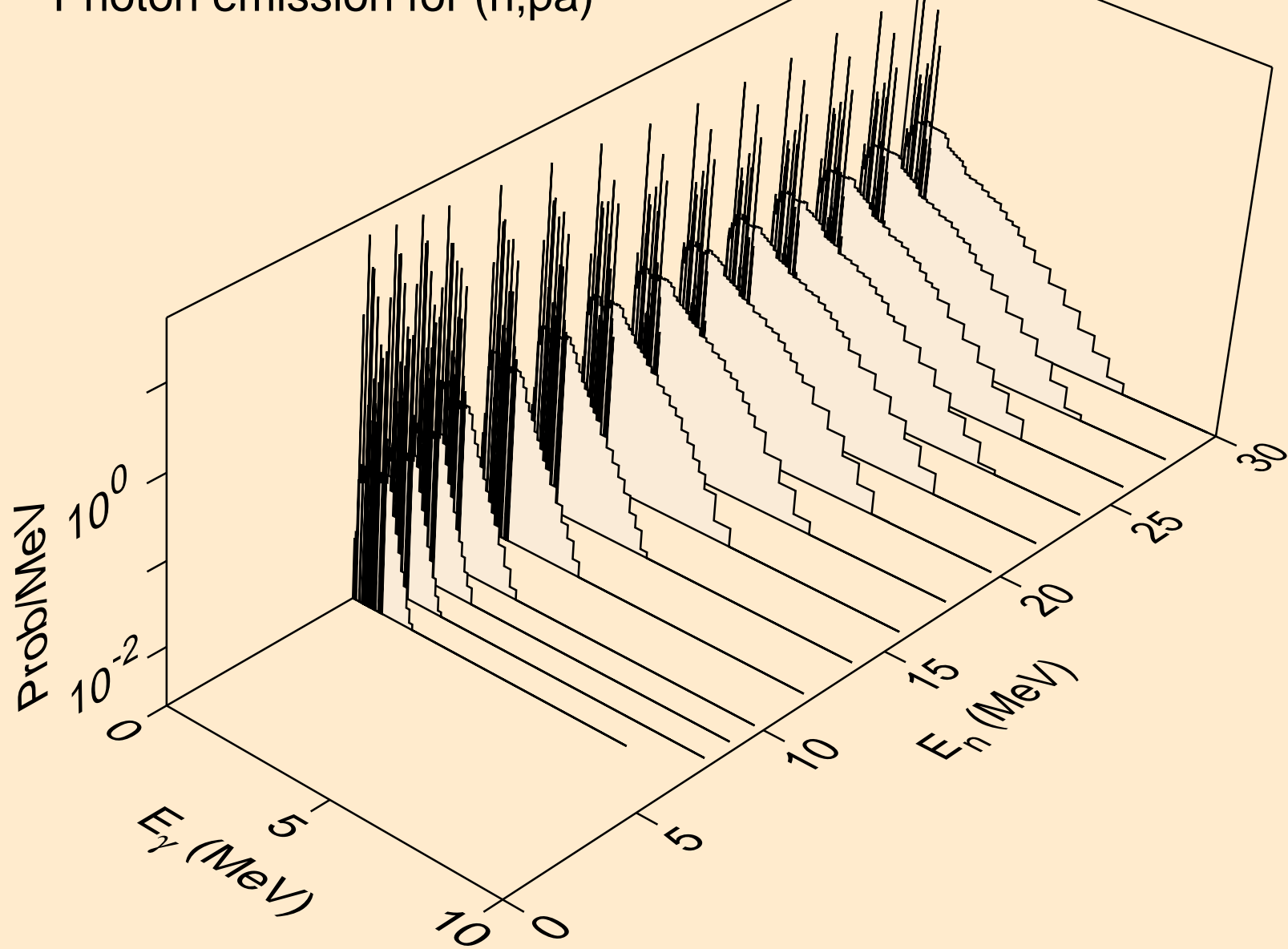
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



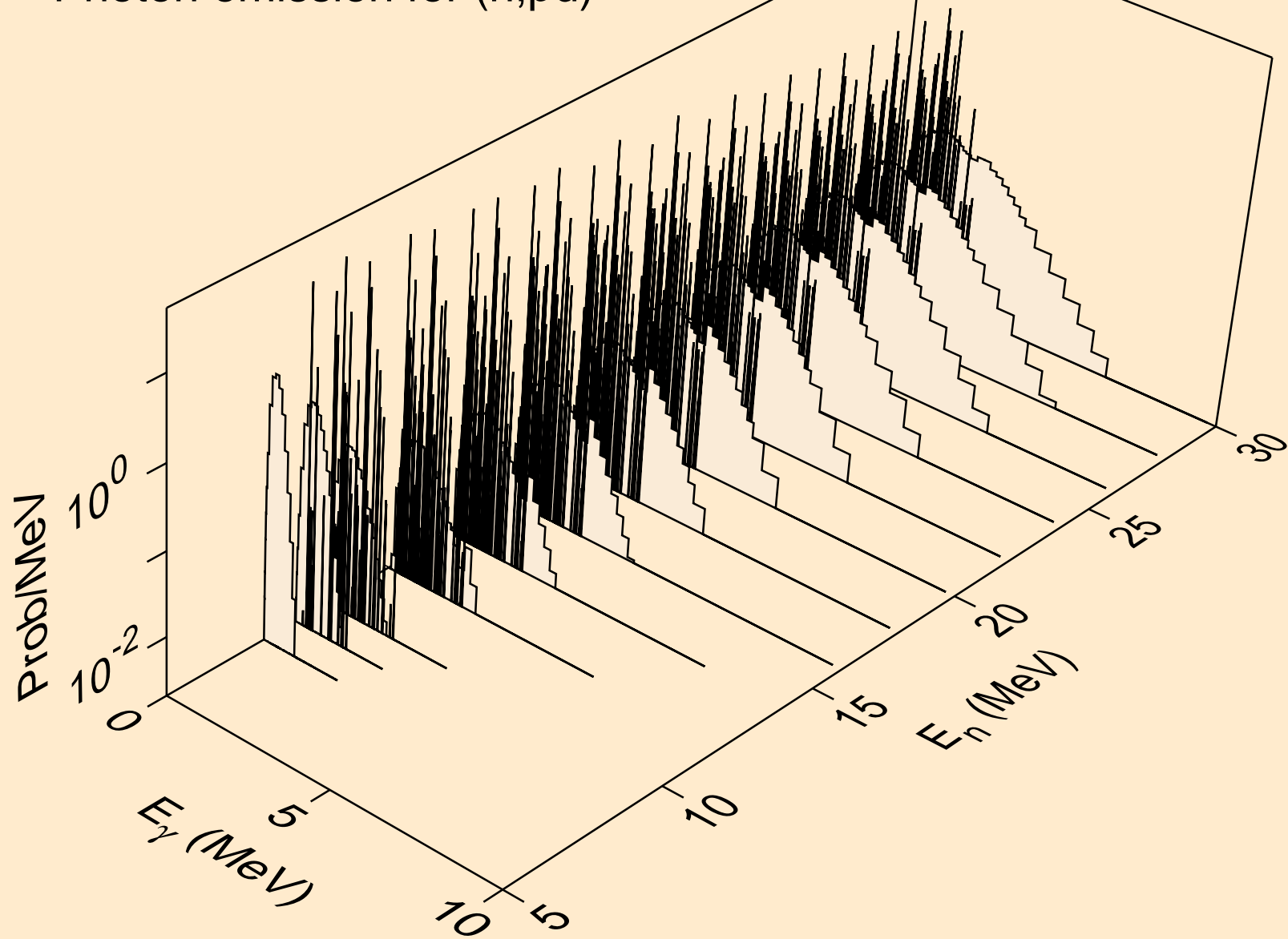
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



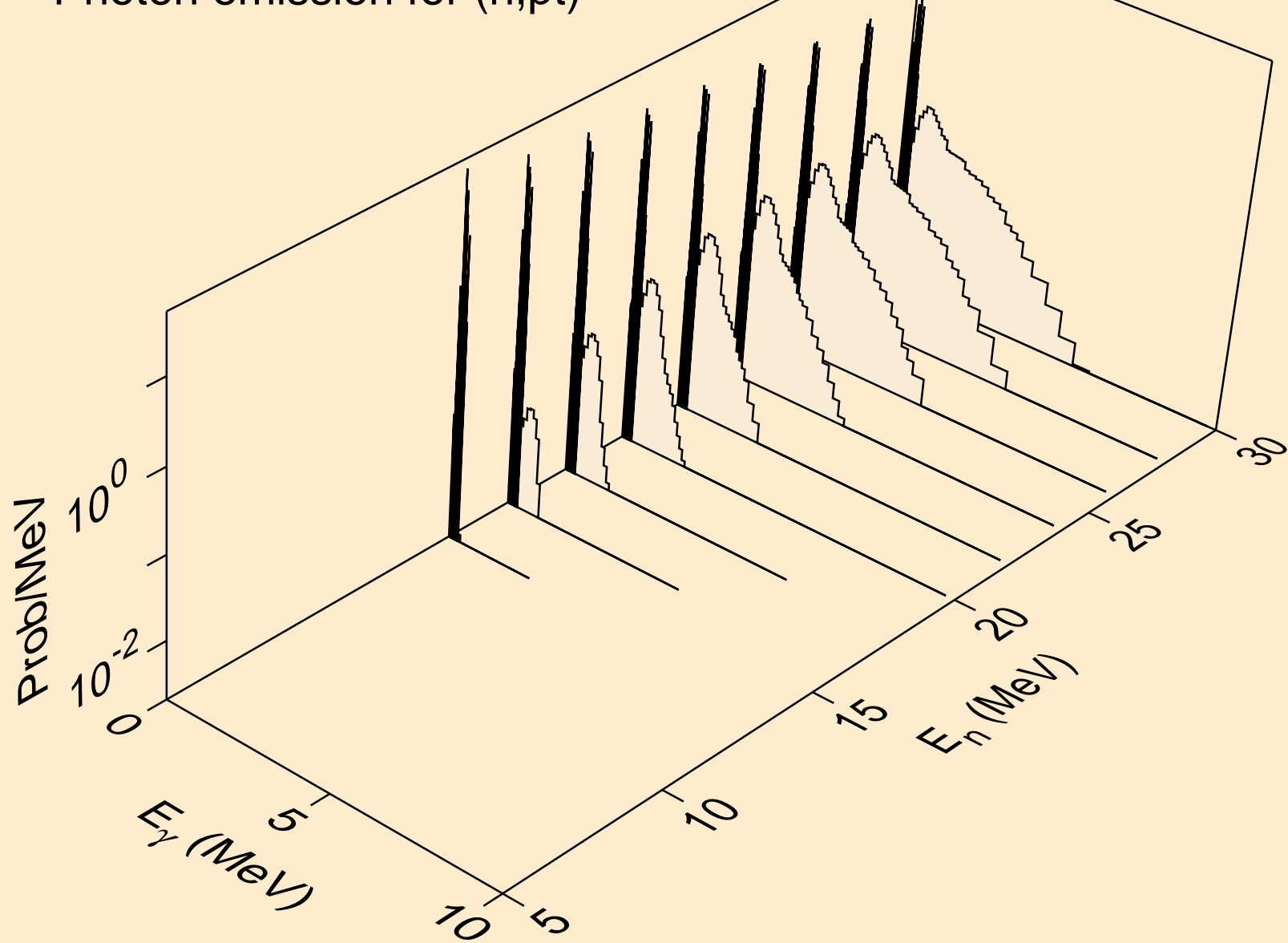
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



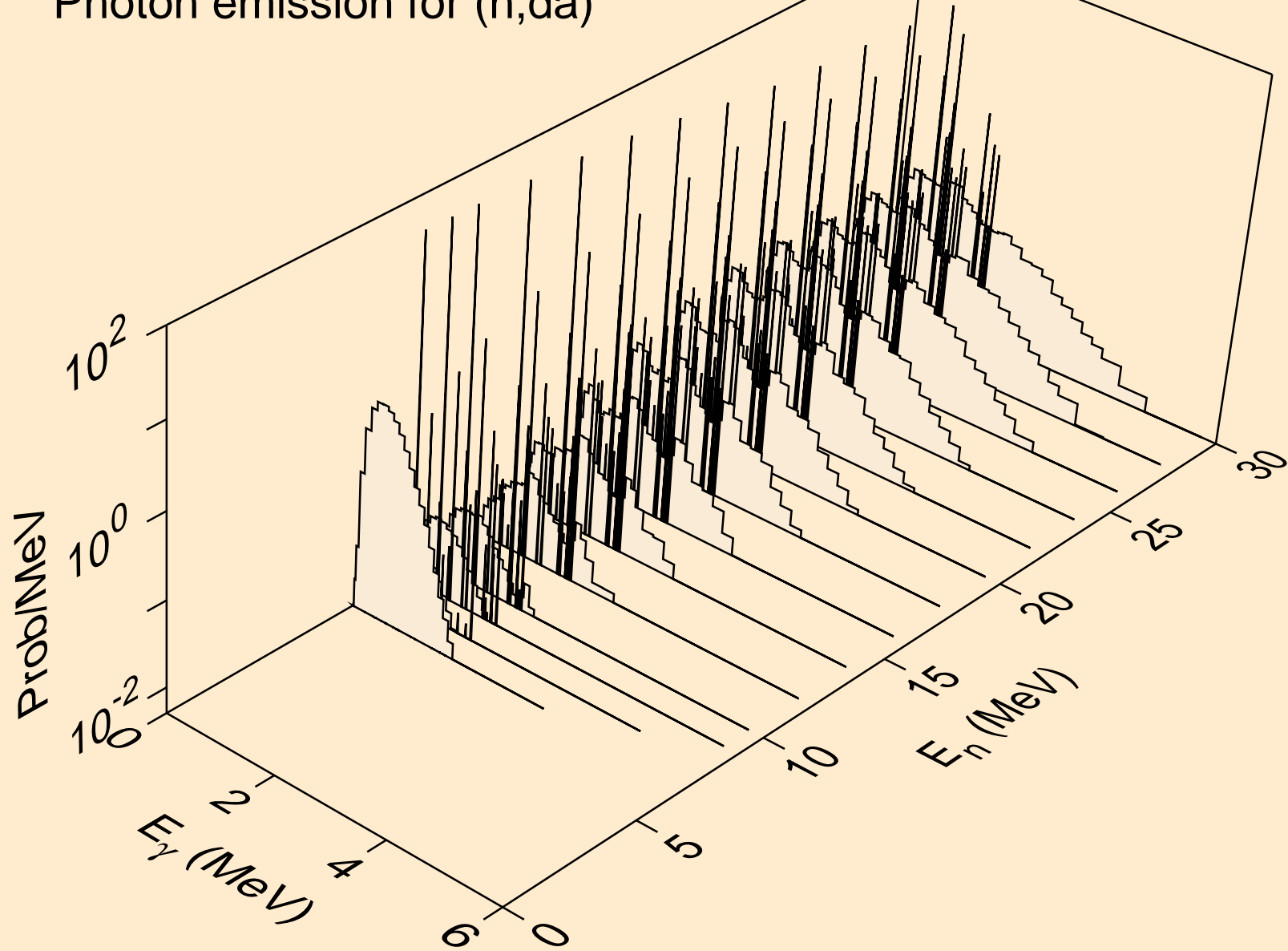
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



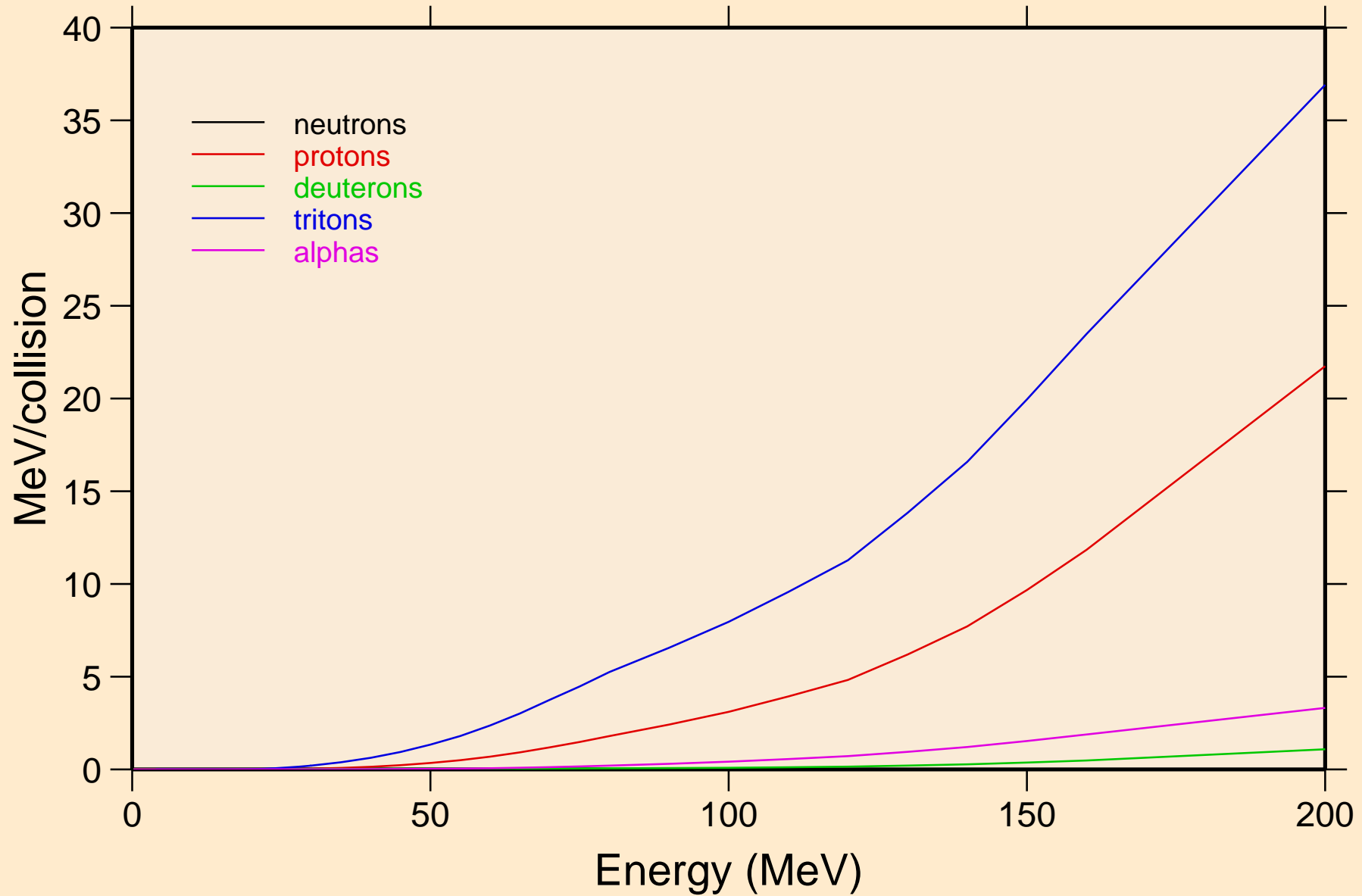
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



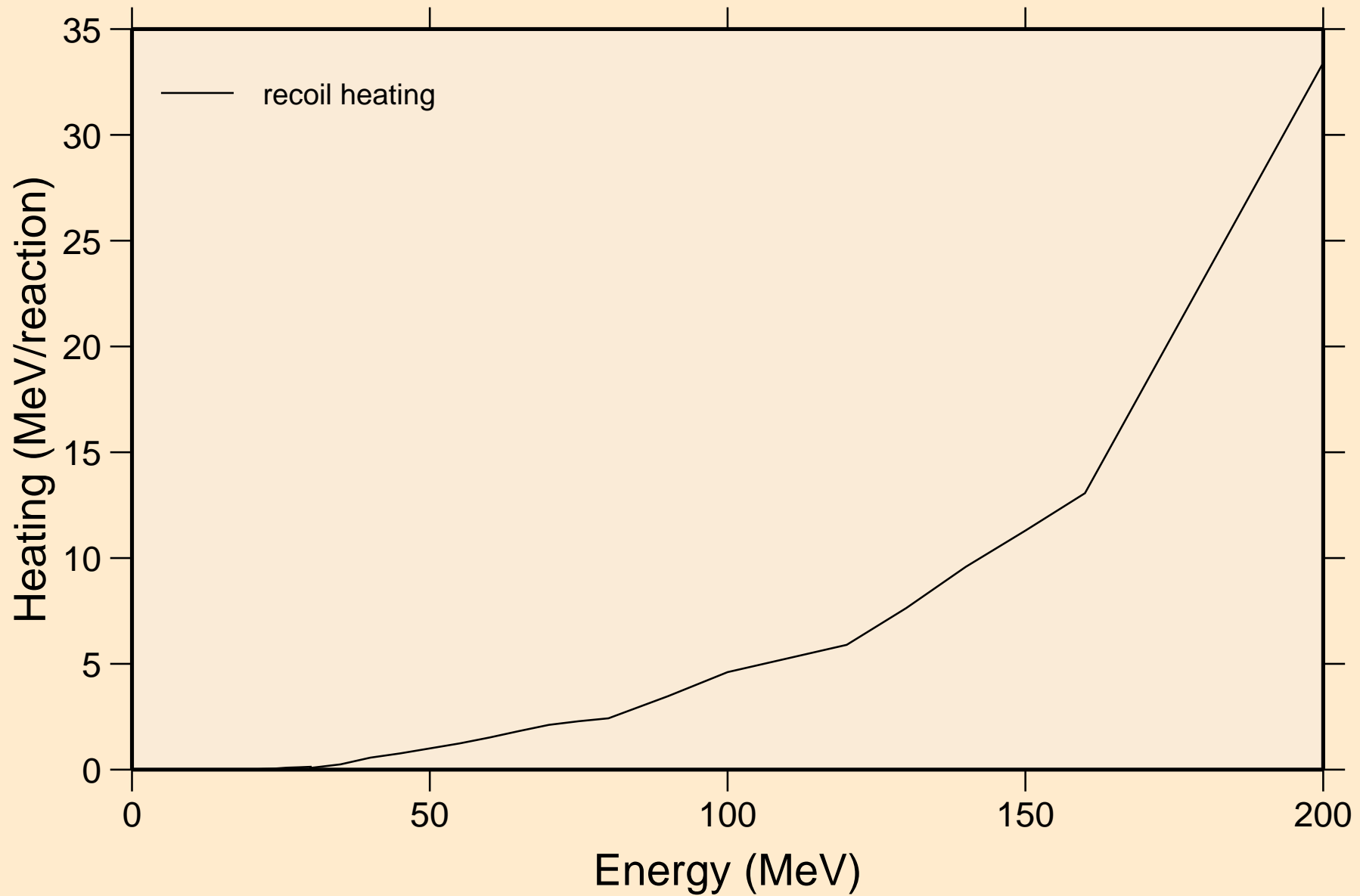
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

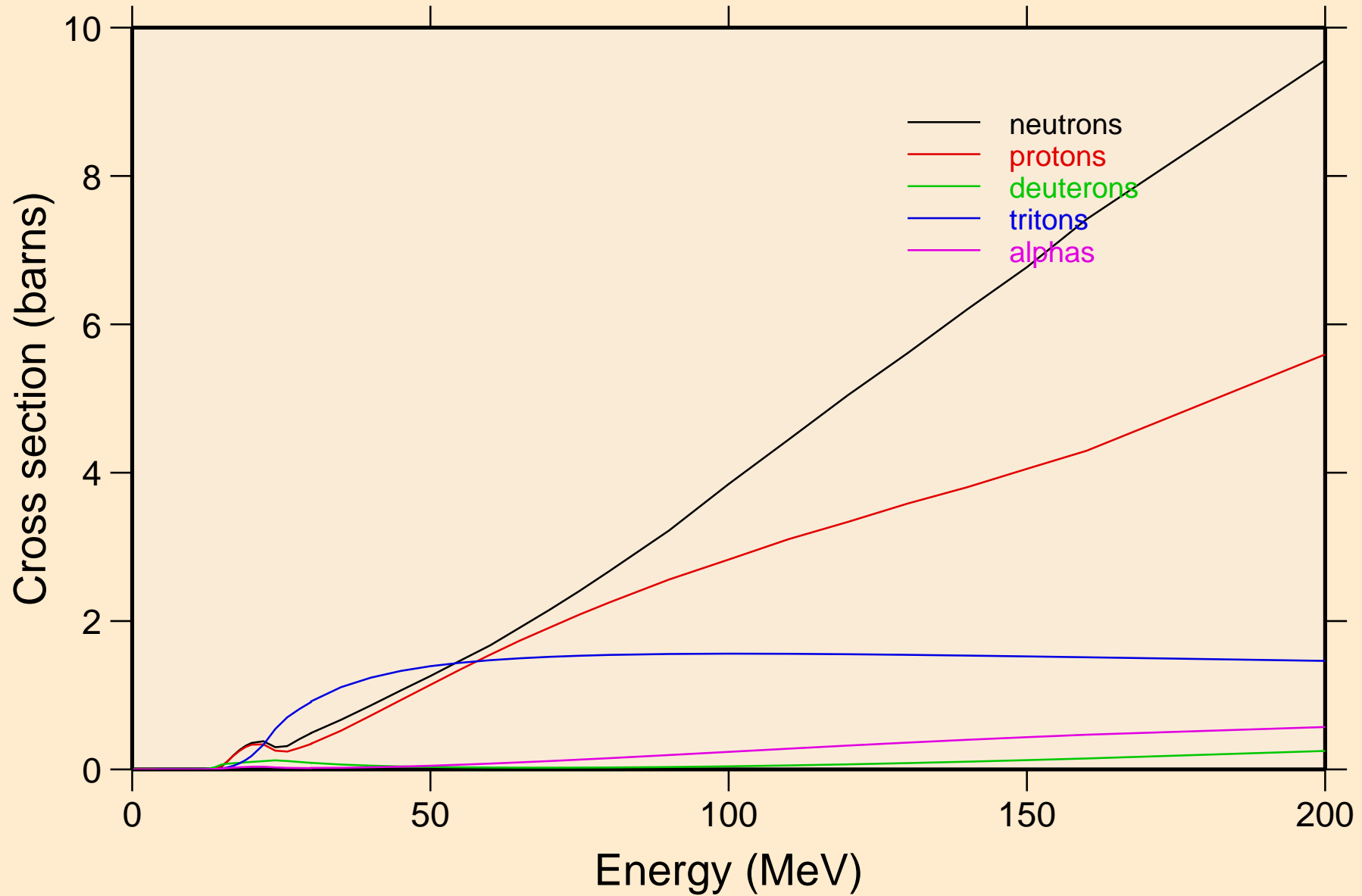


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

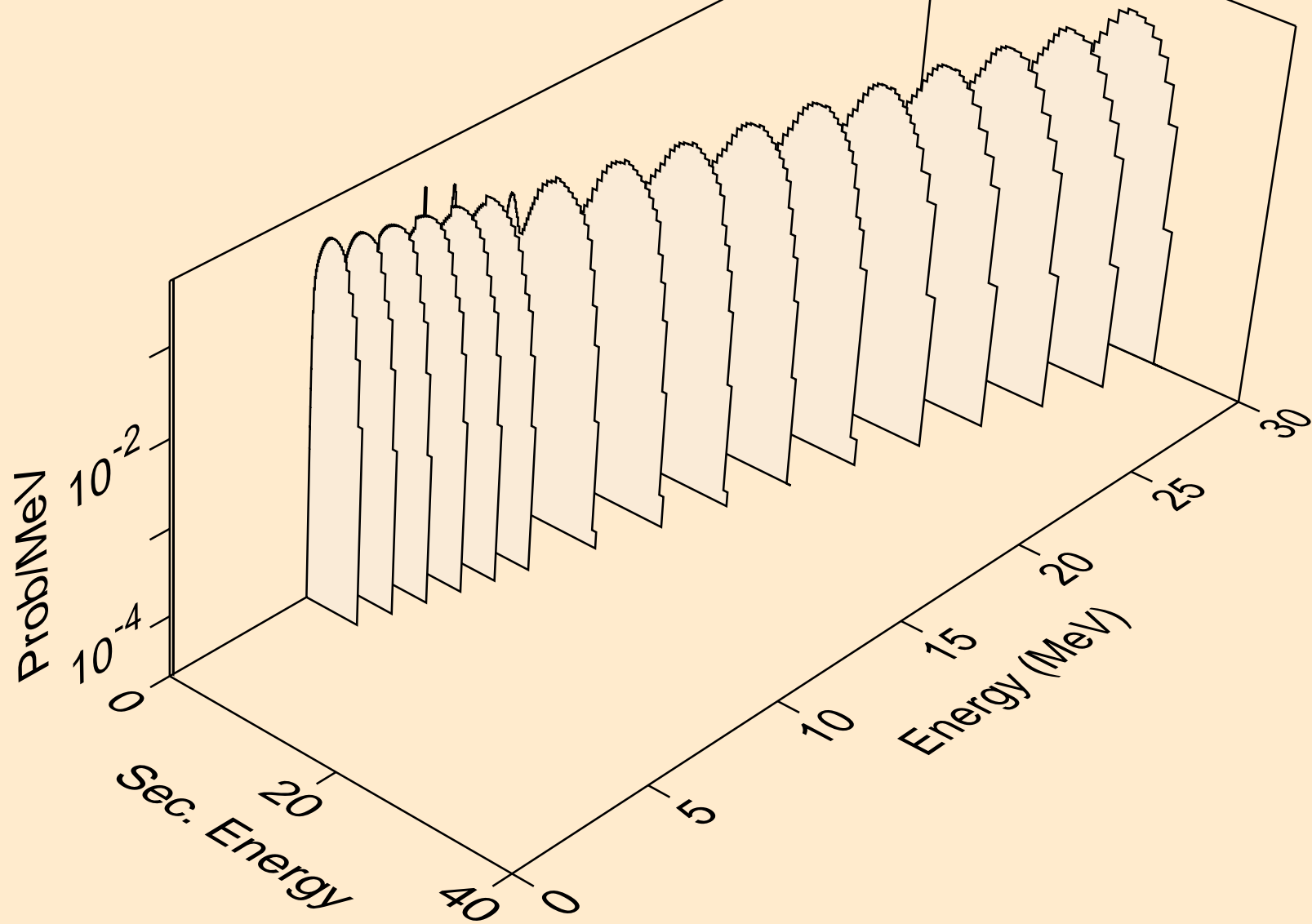




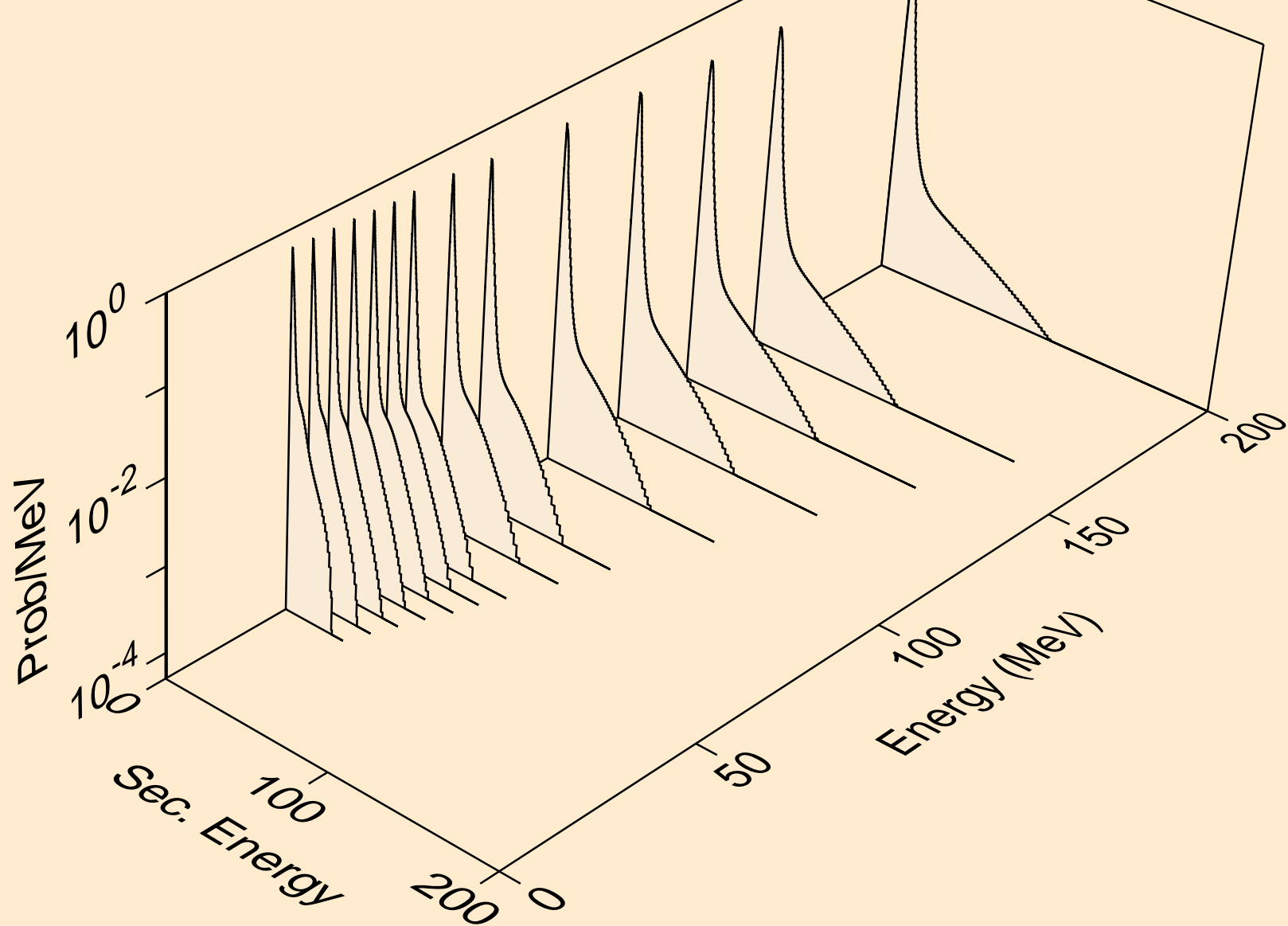
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



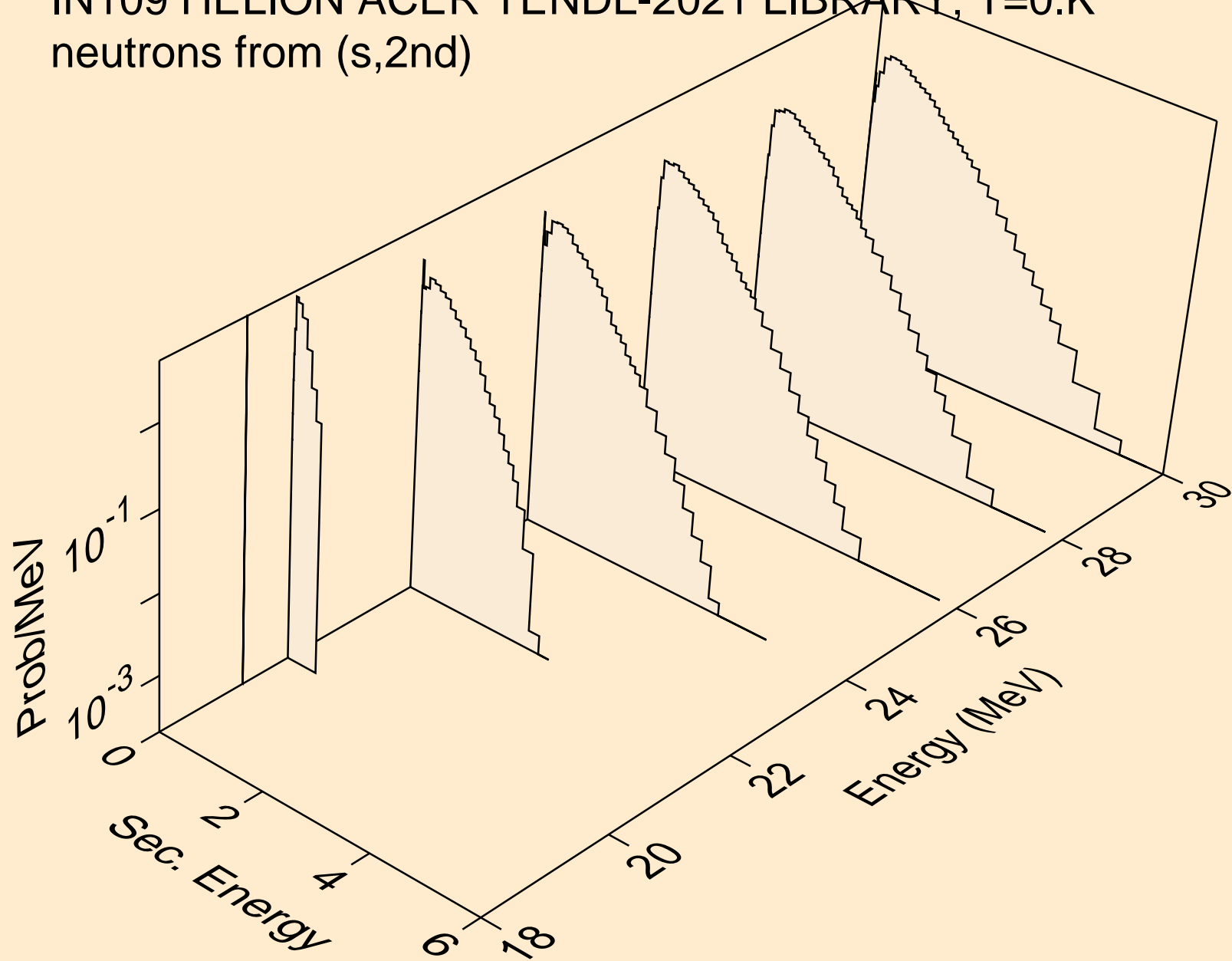
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



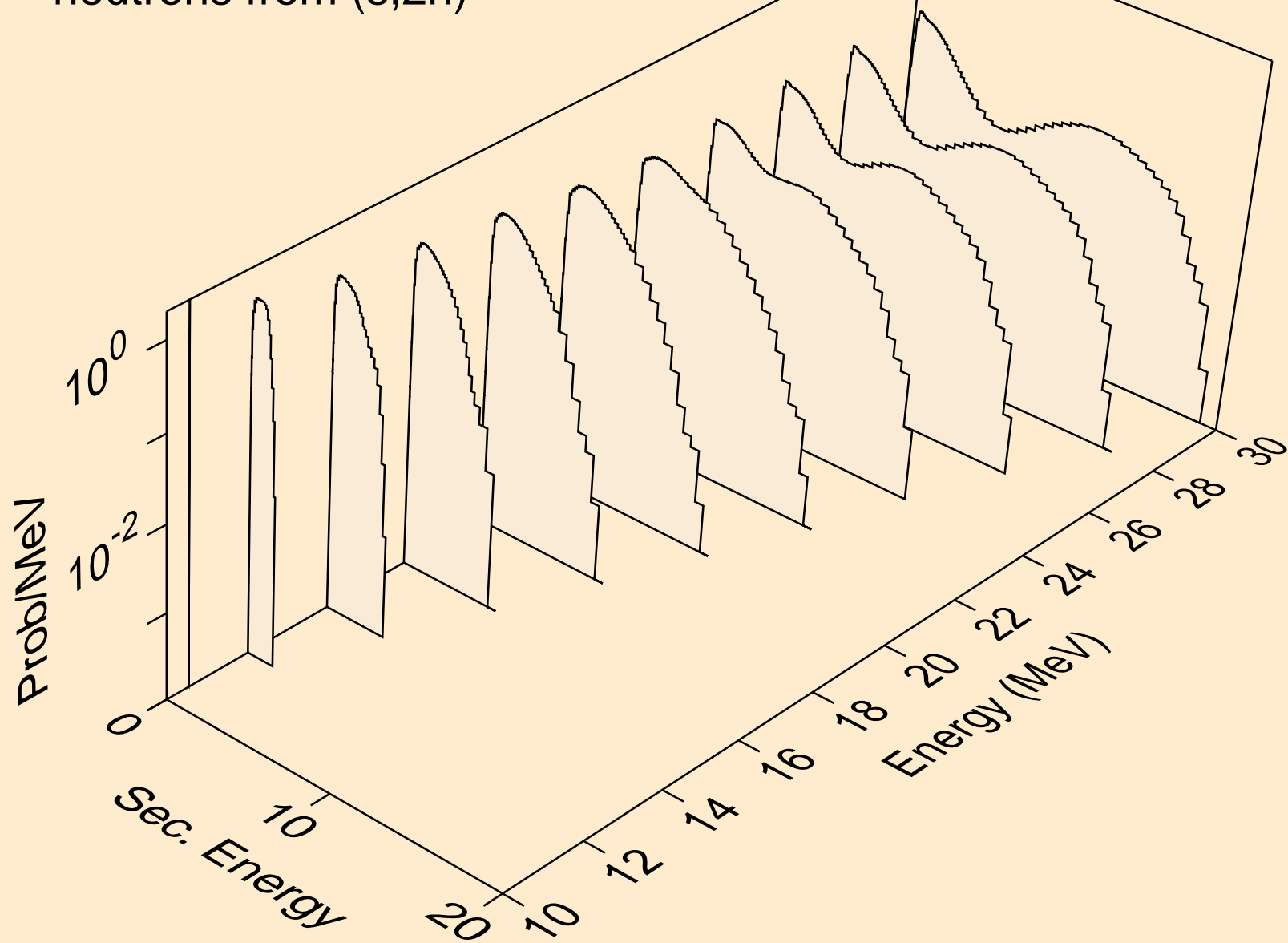
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



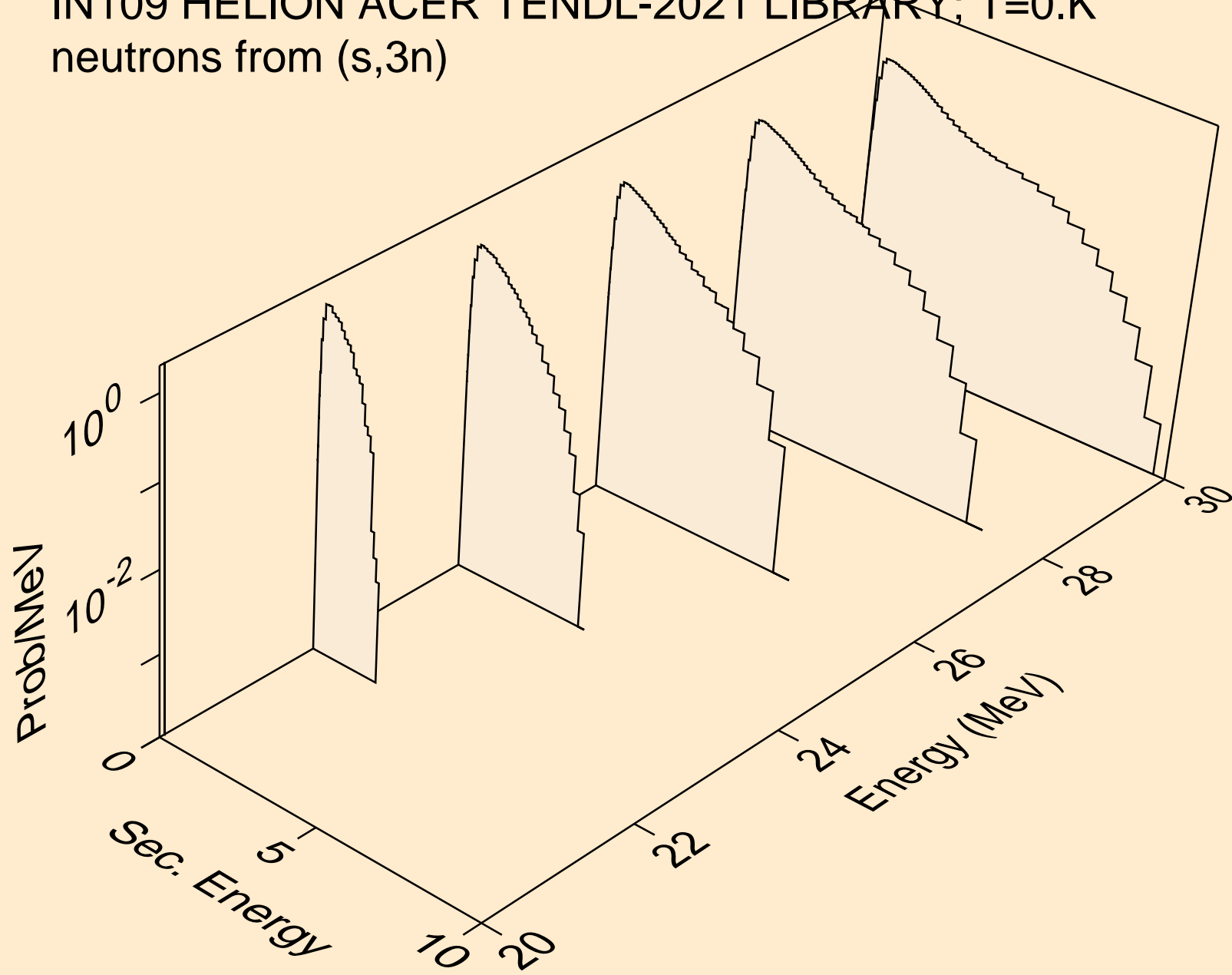
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



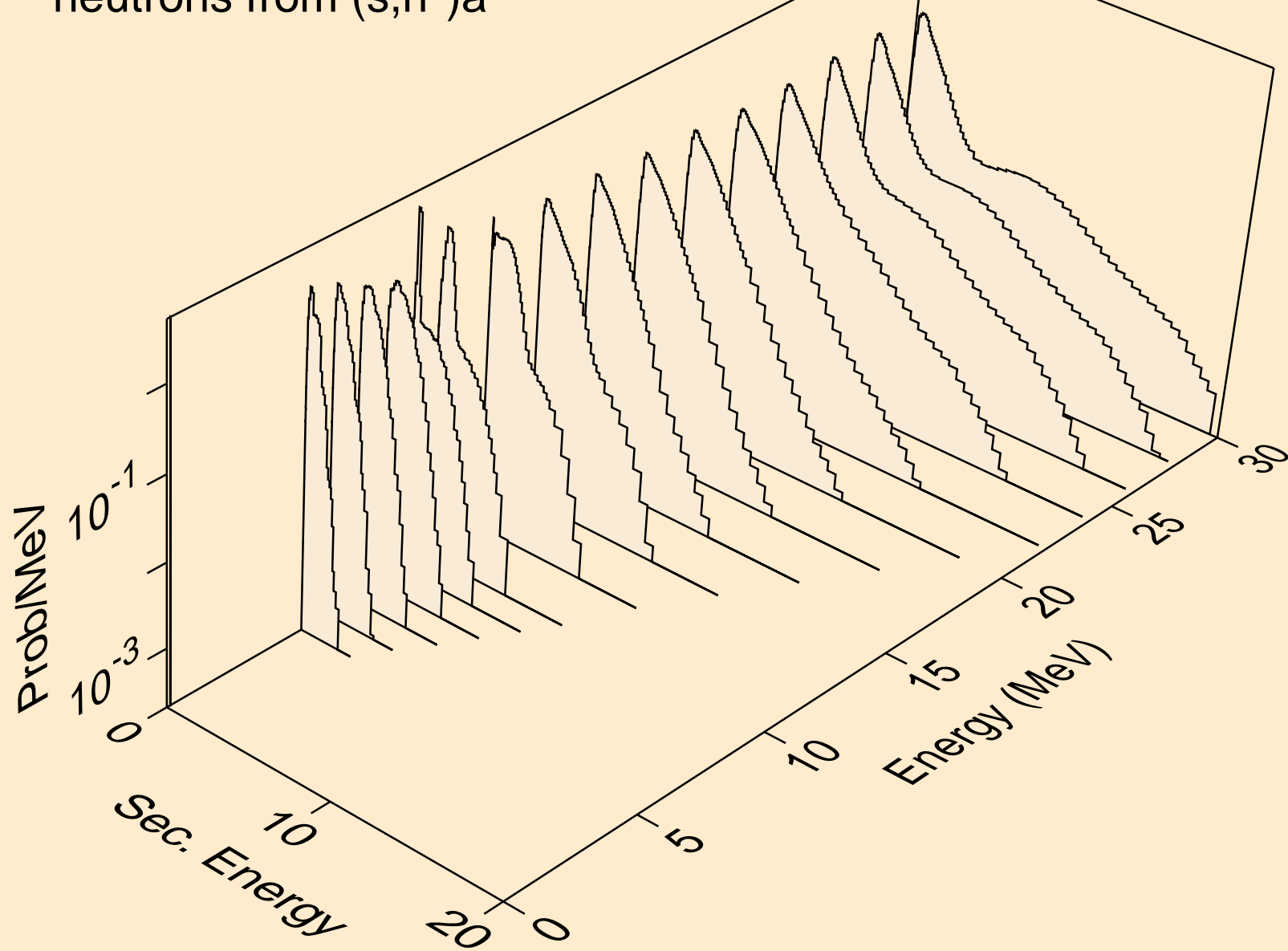
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



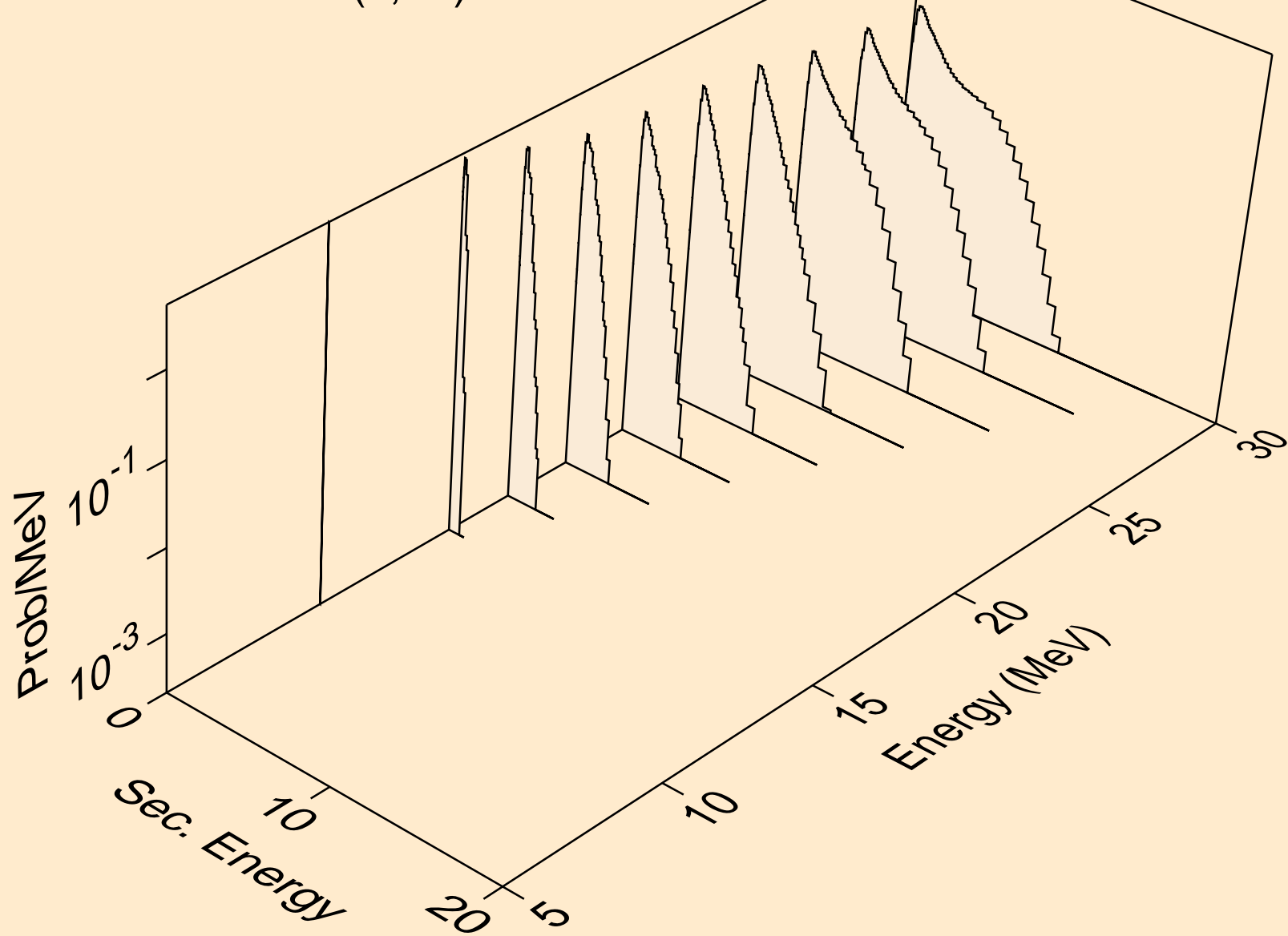
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

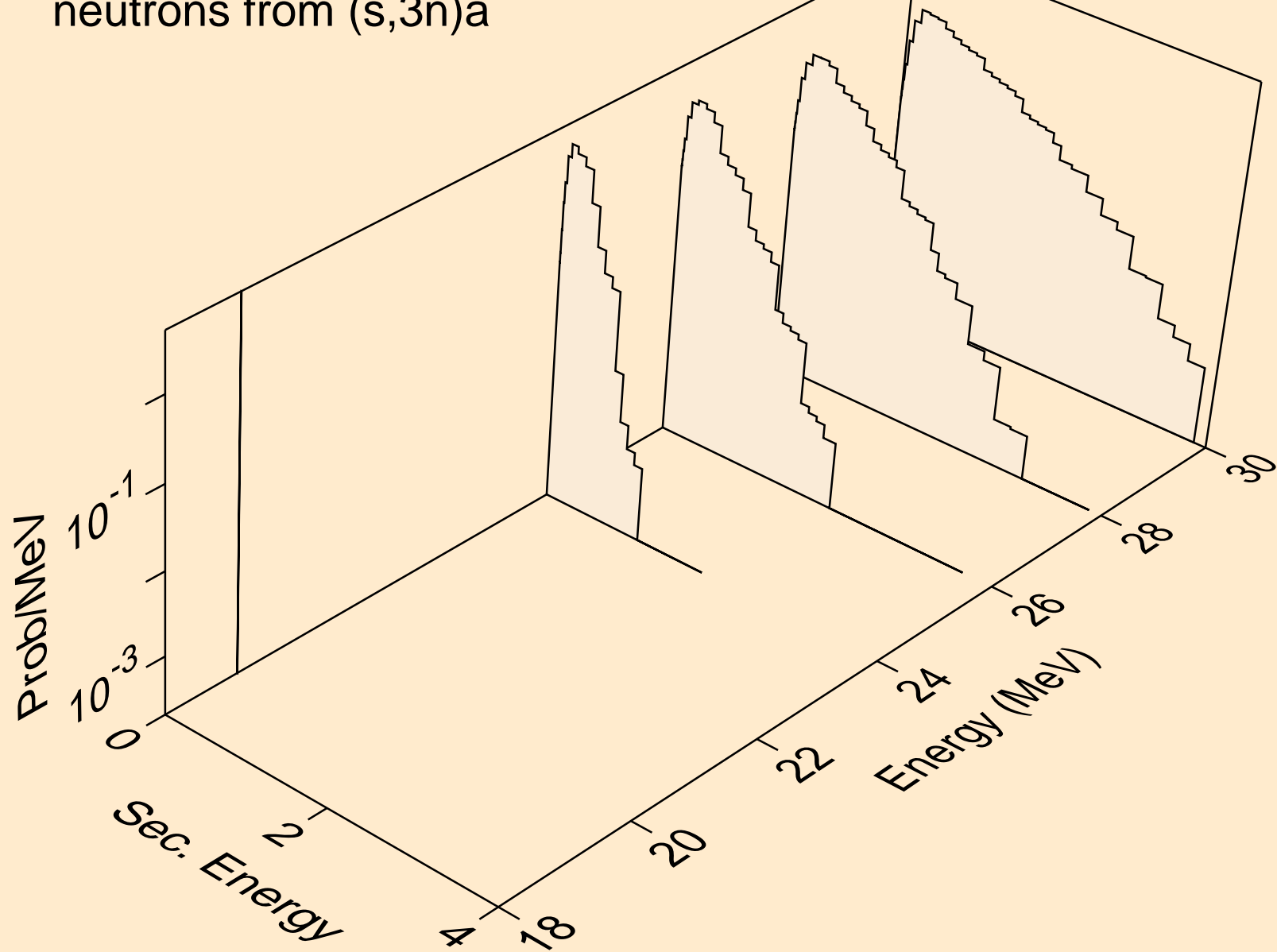


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a

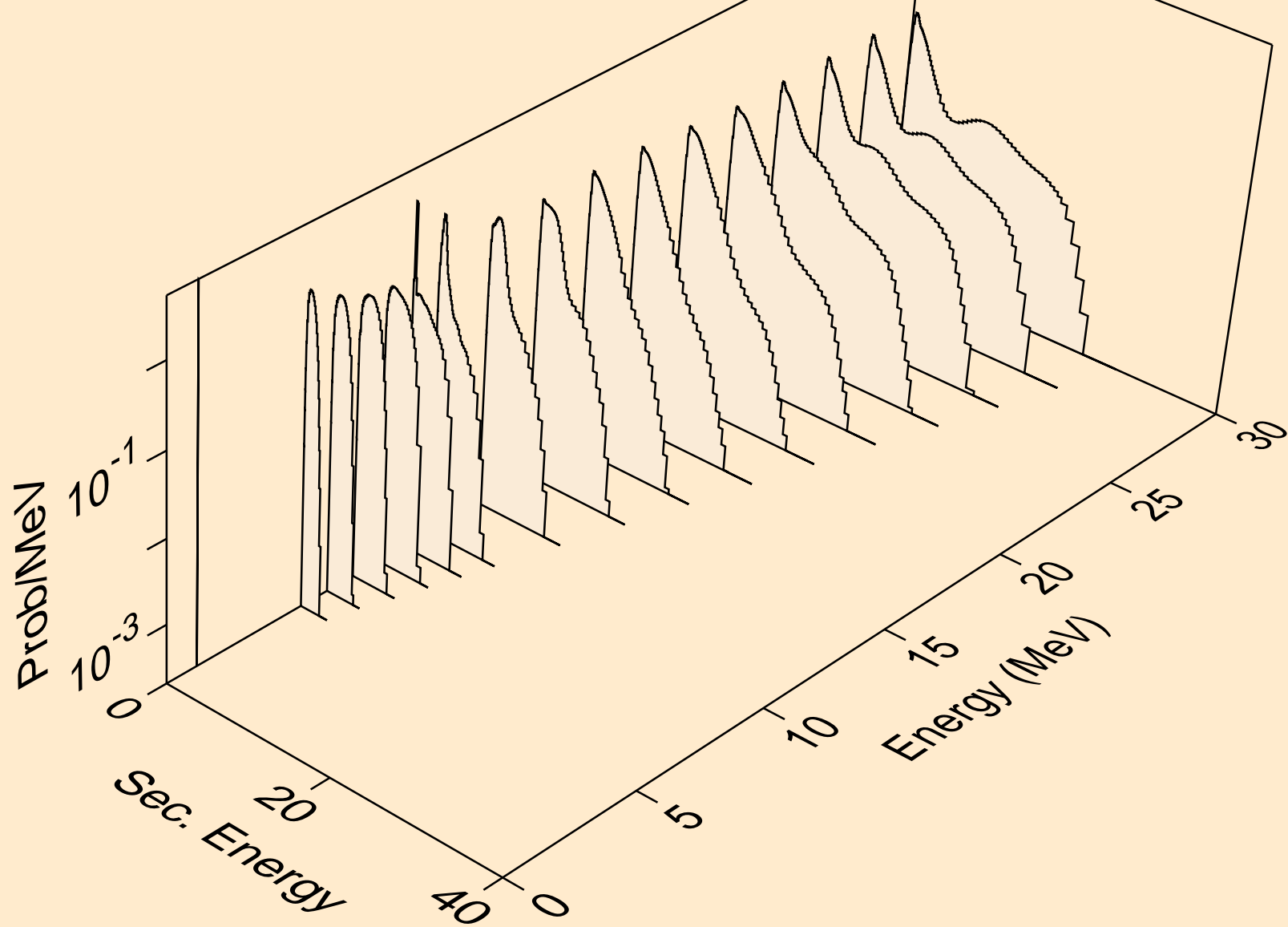




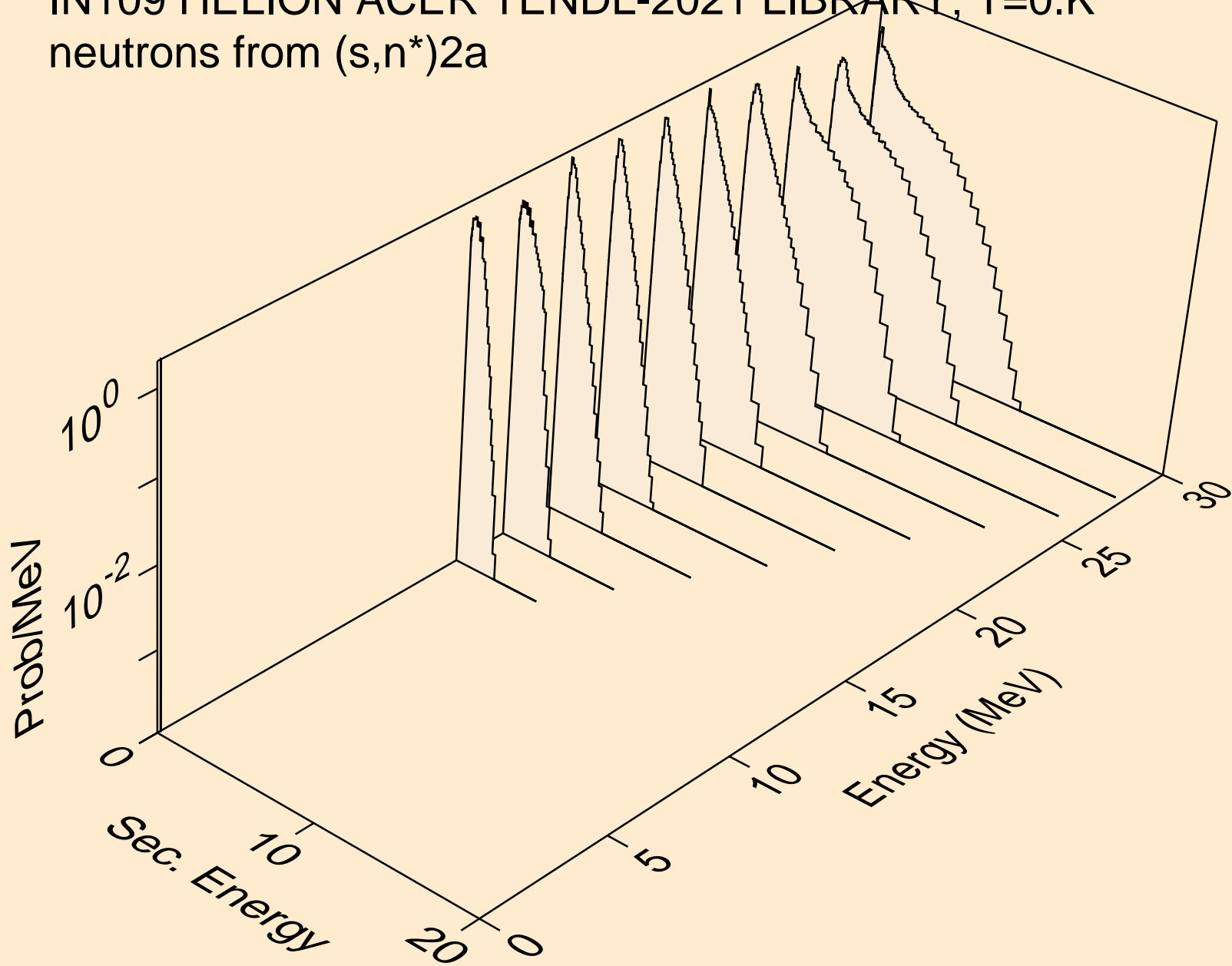
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



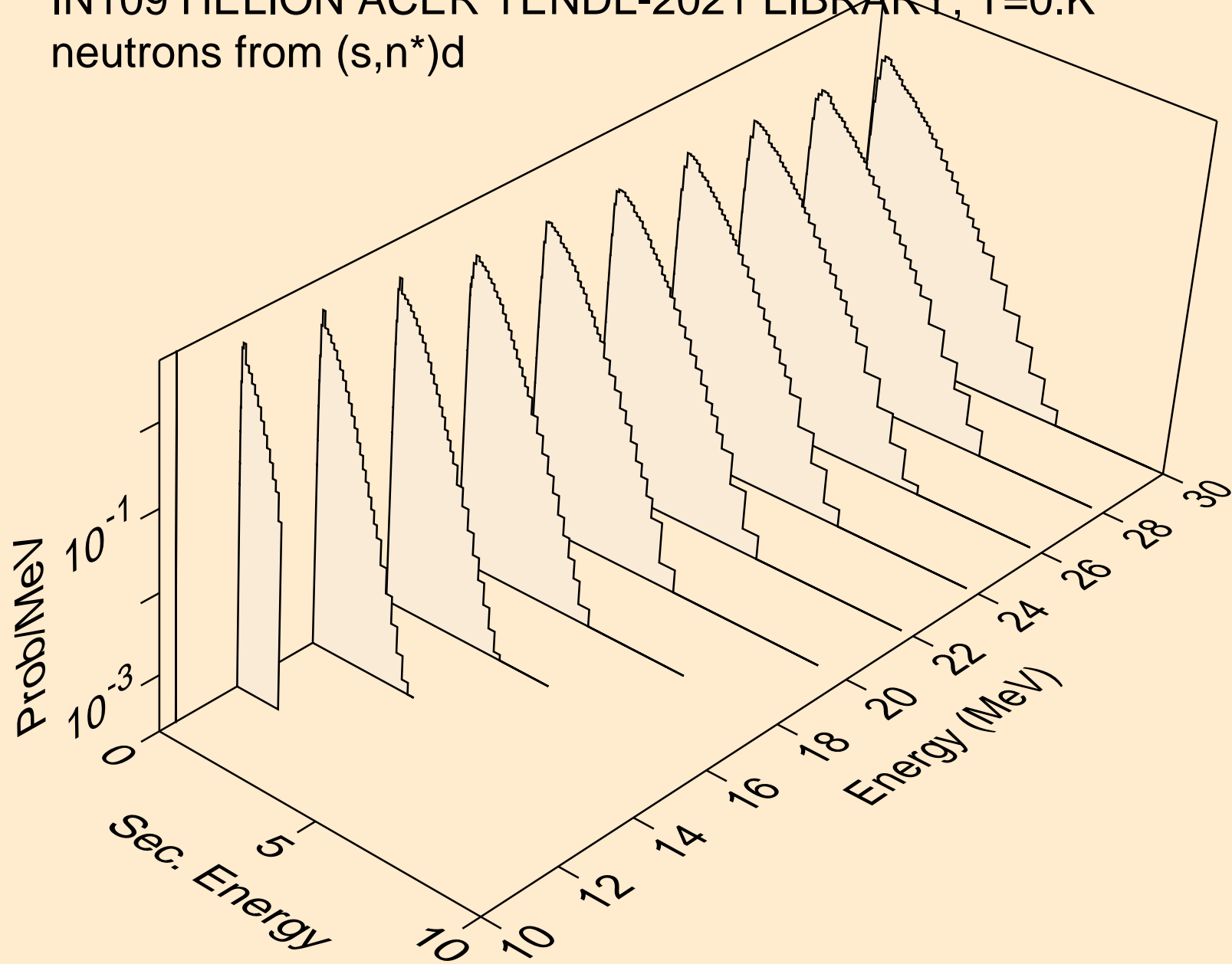
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



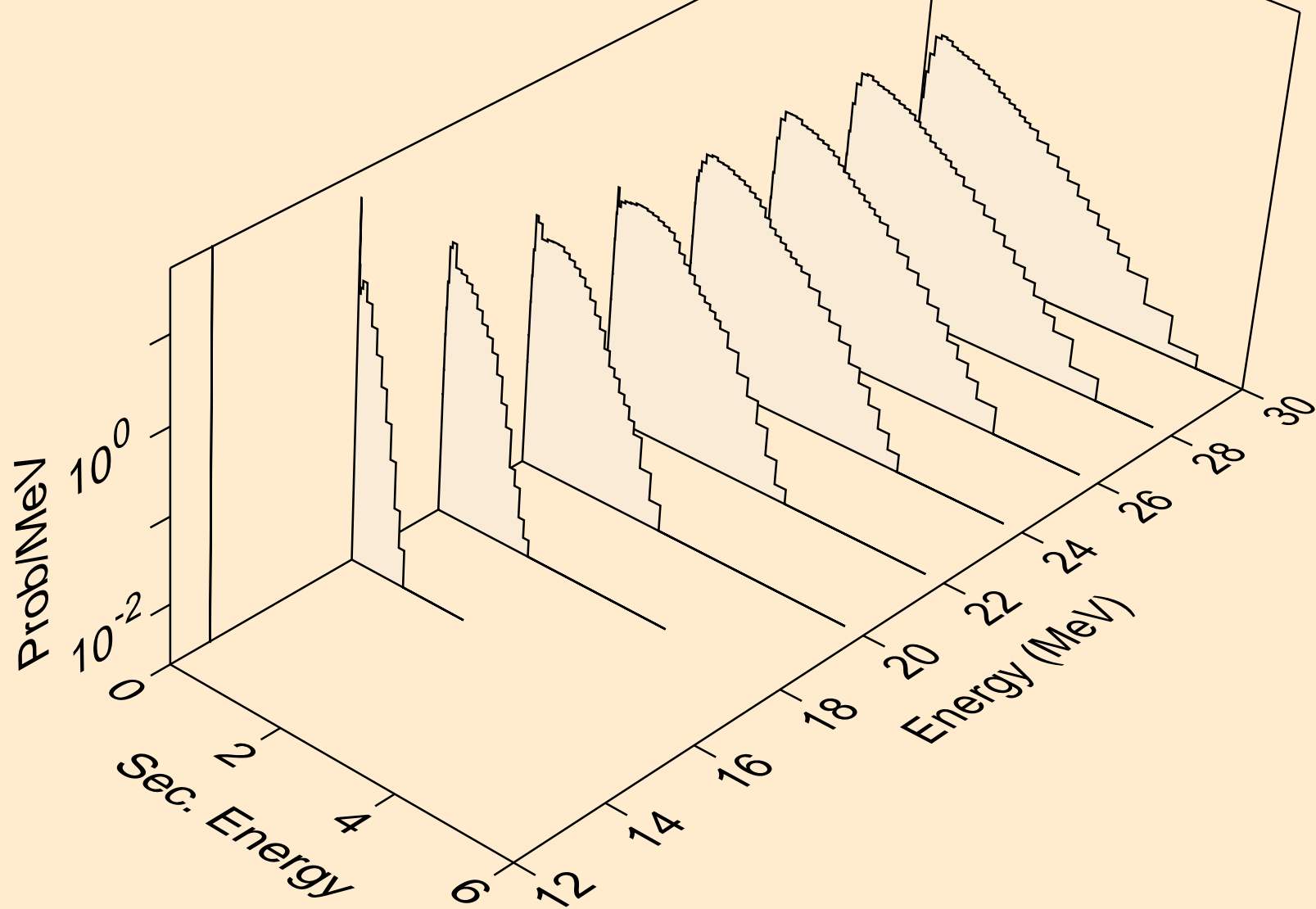
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



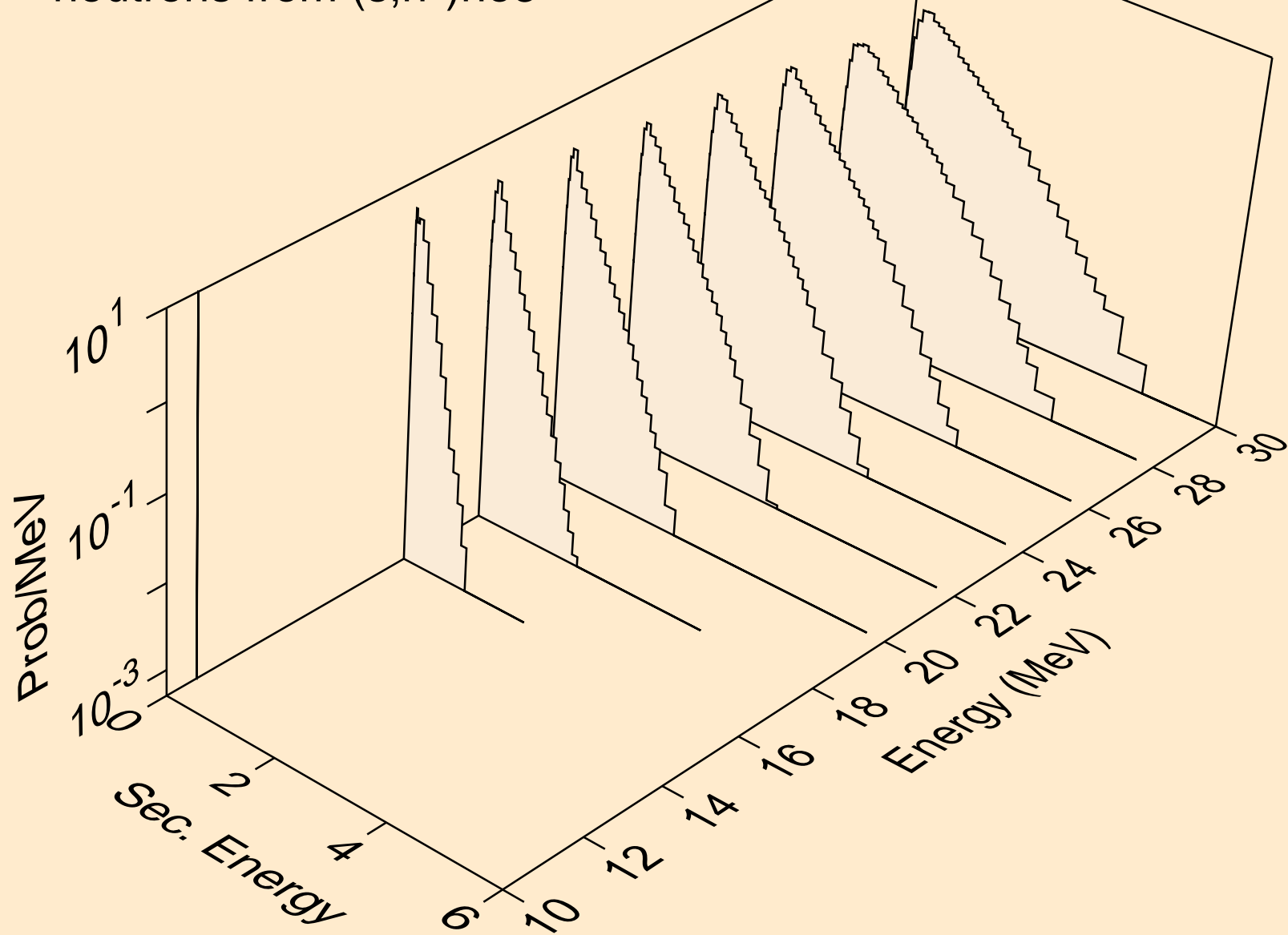
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



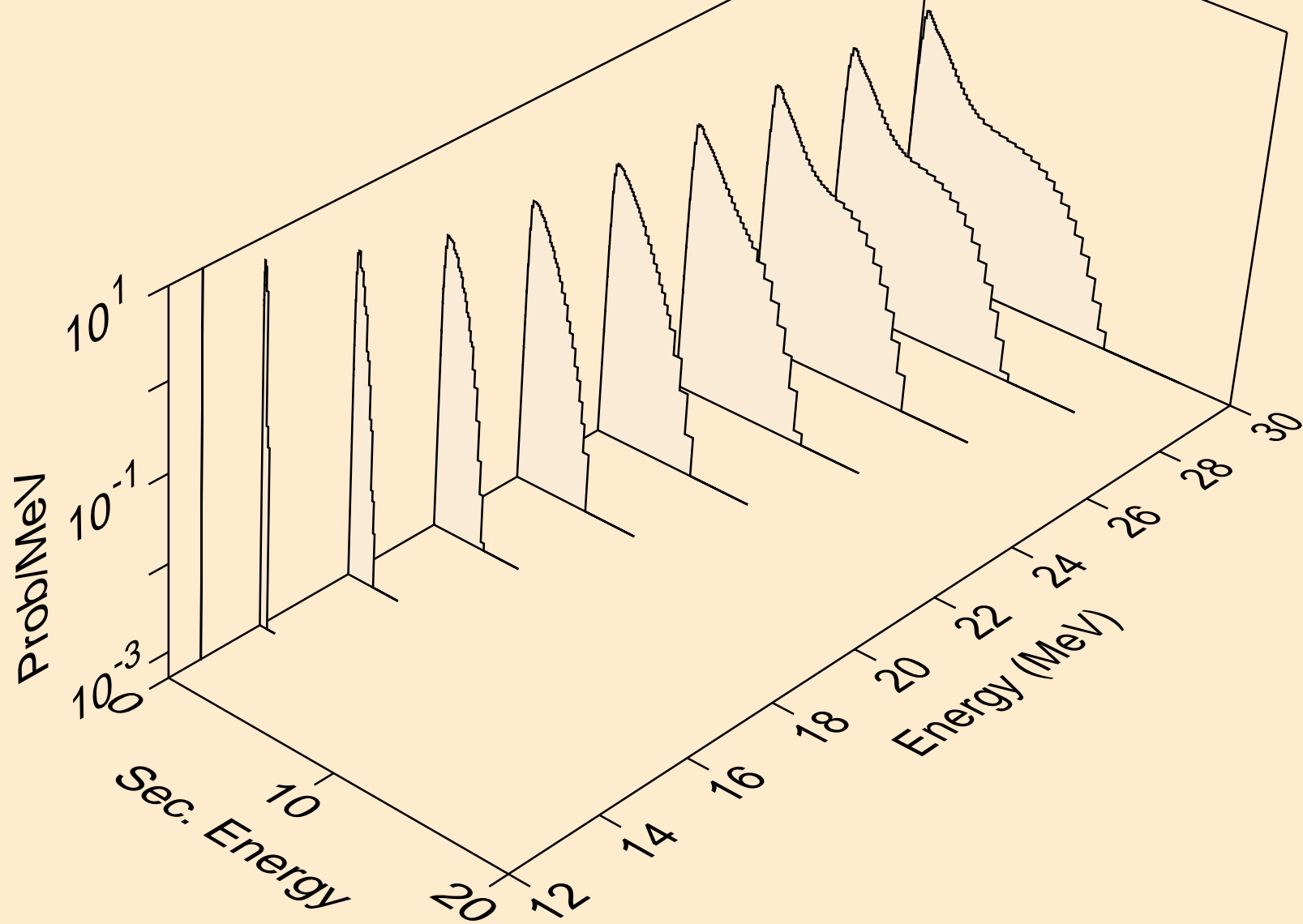
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



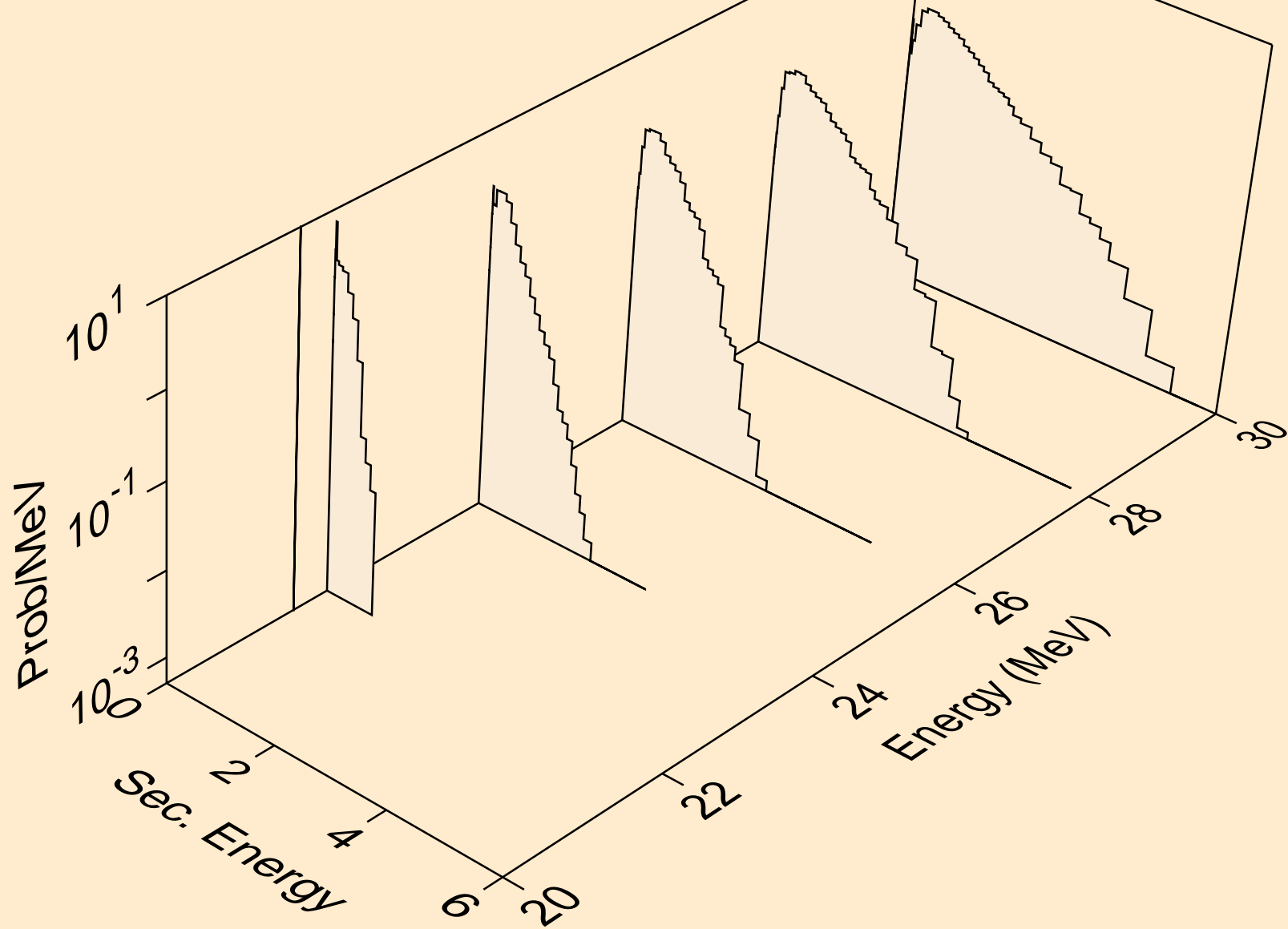
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

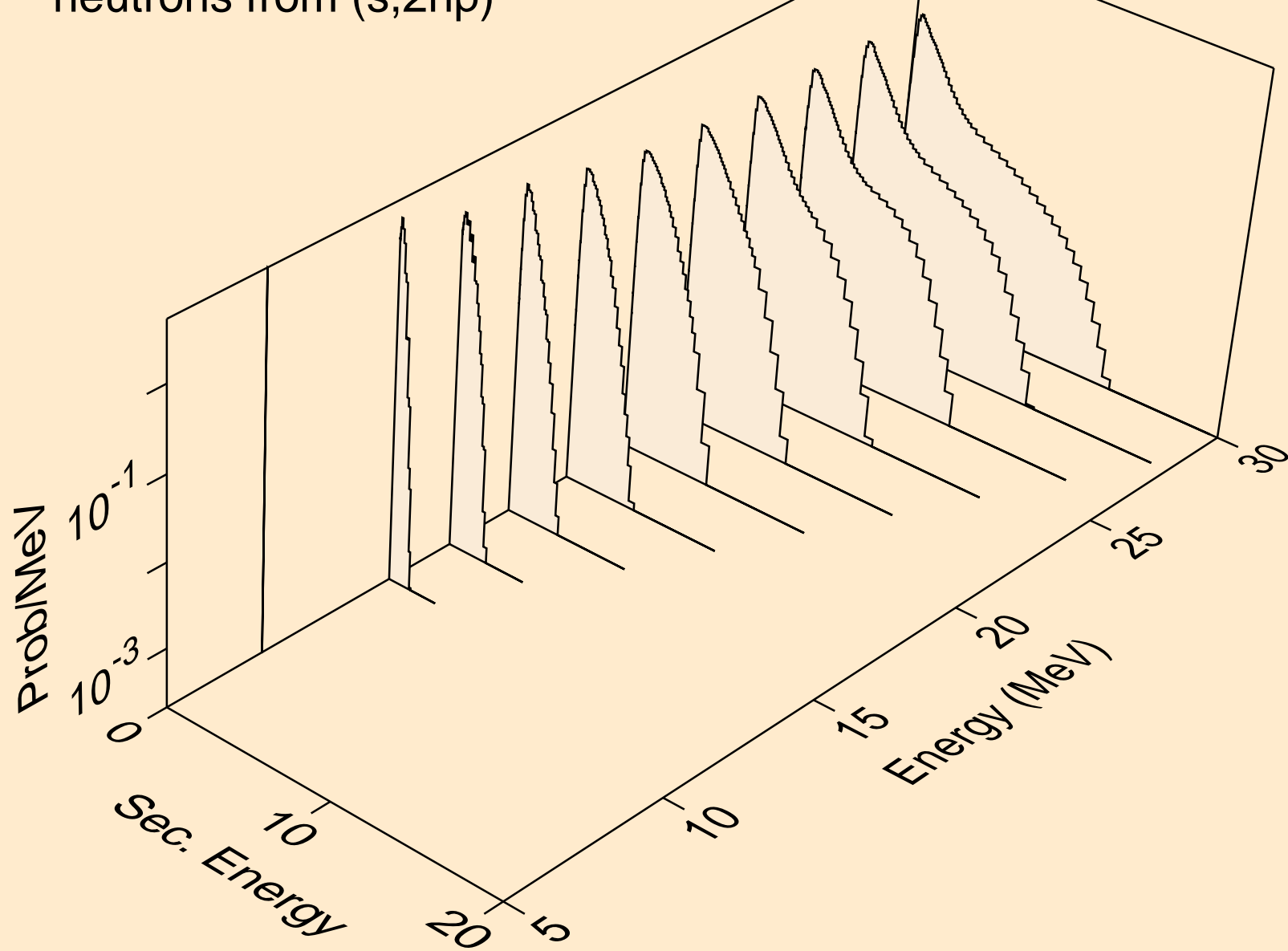


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)

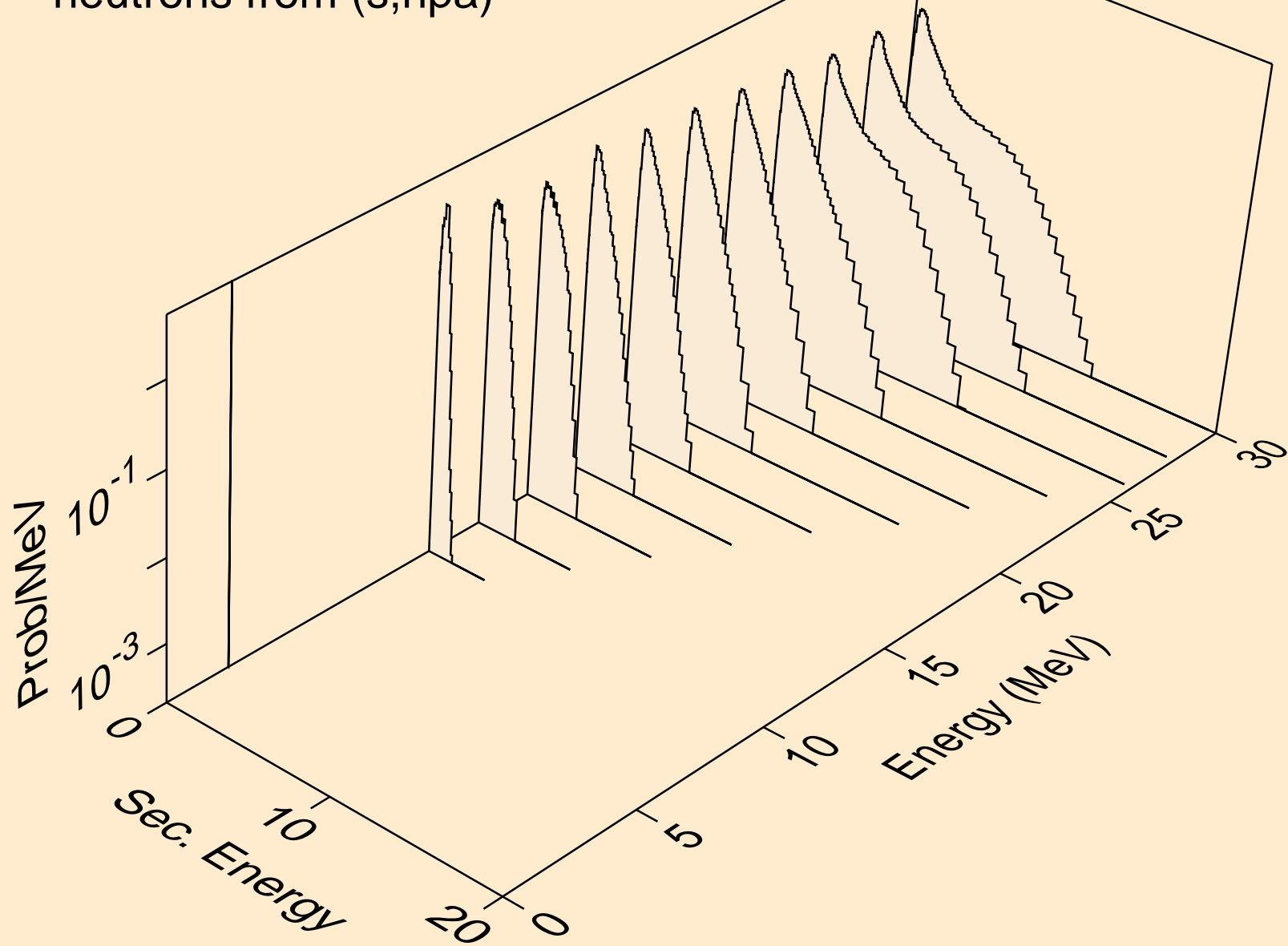




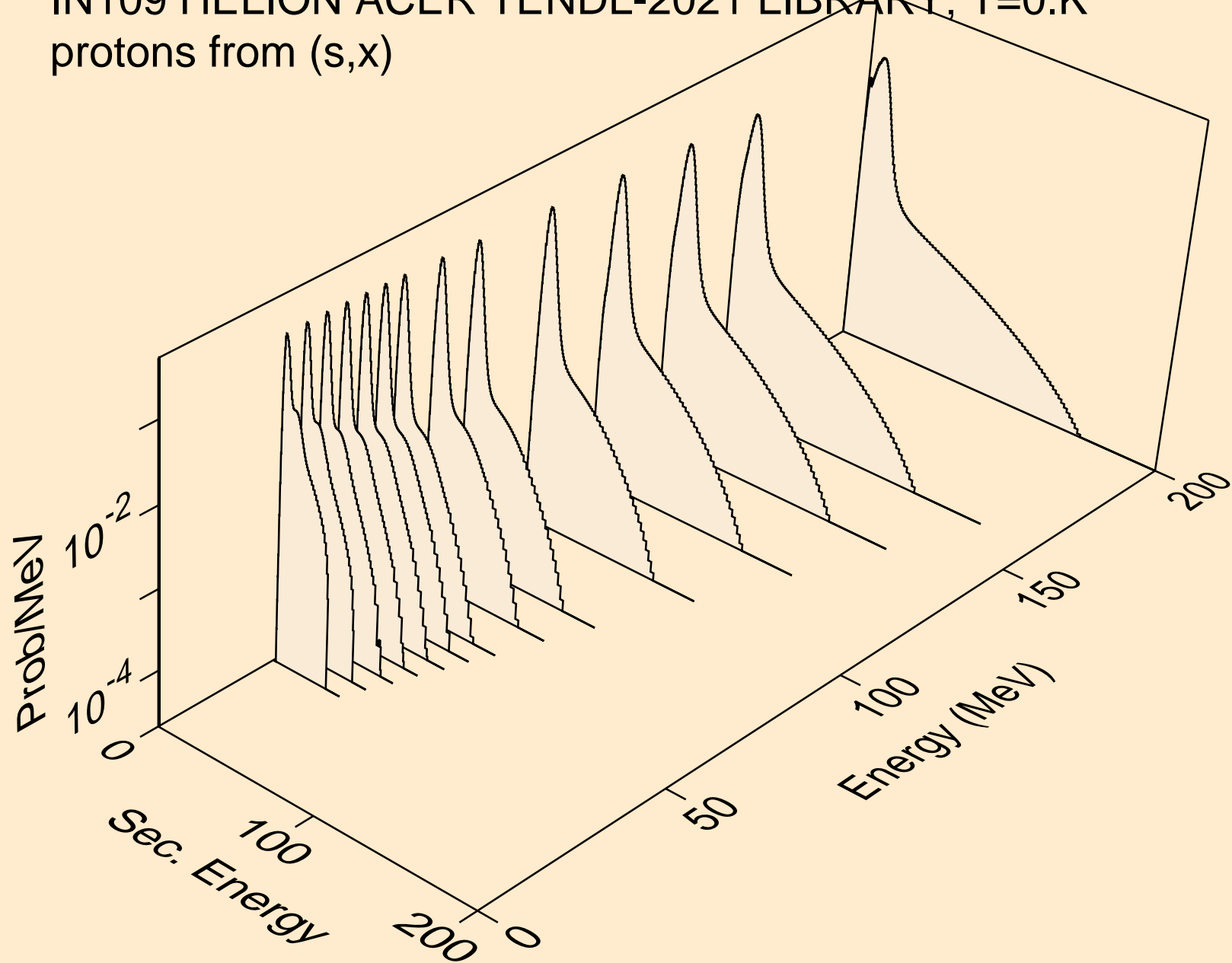
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



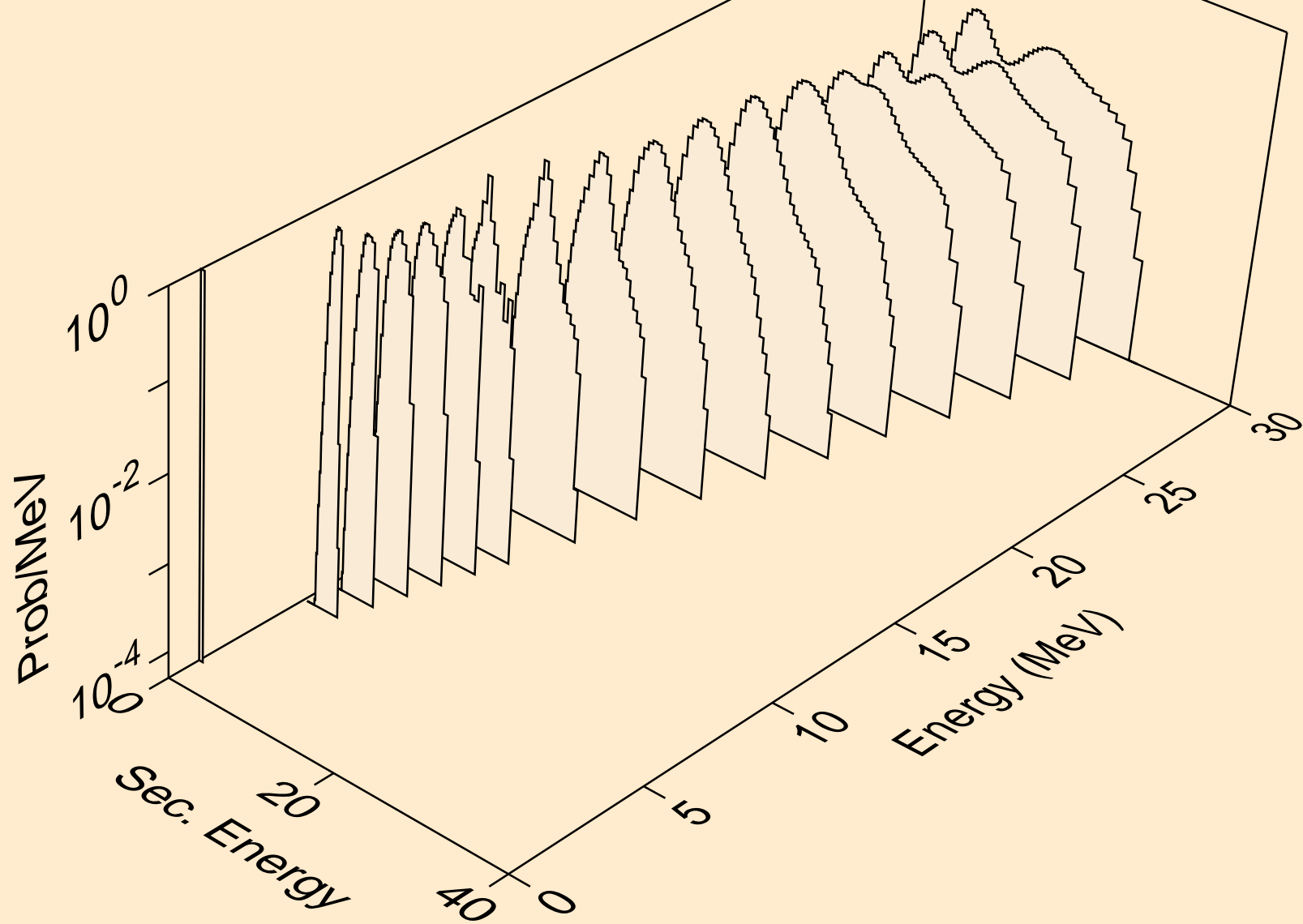
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



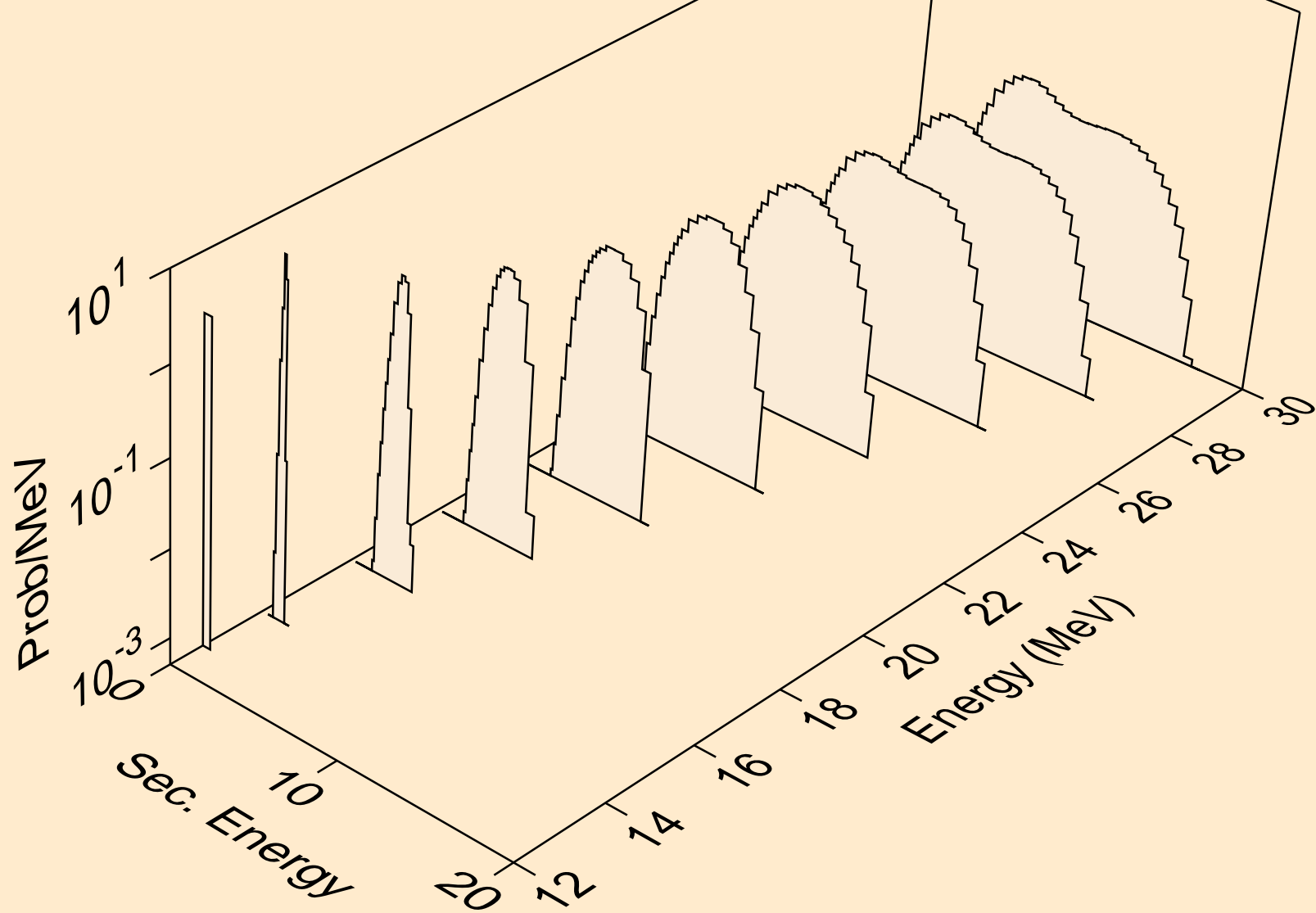
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



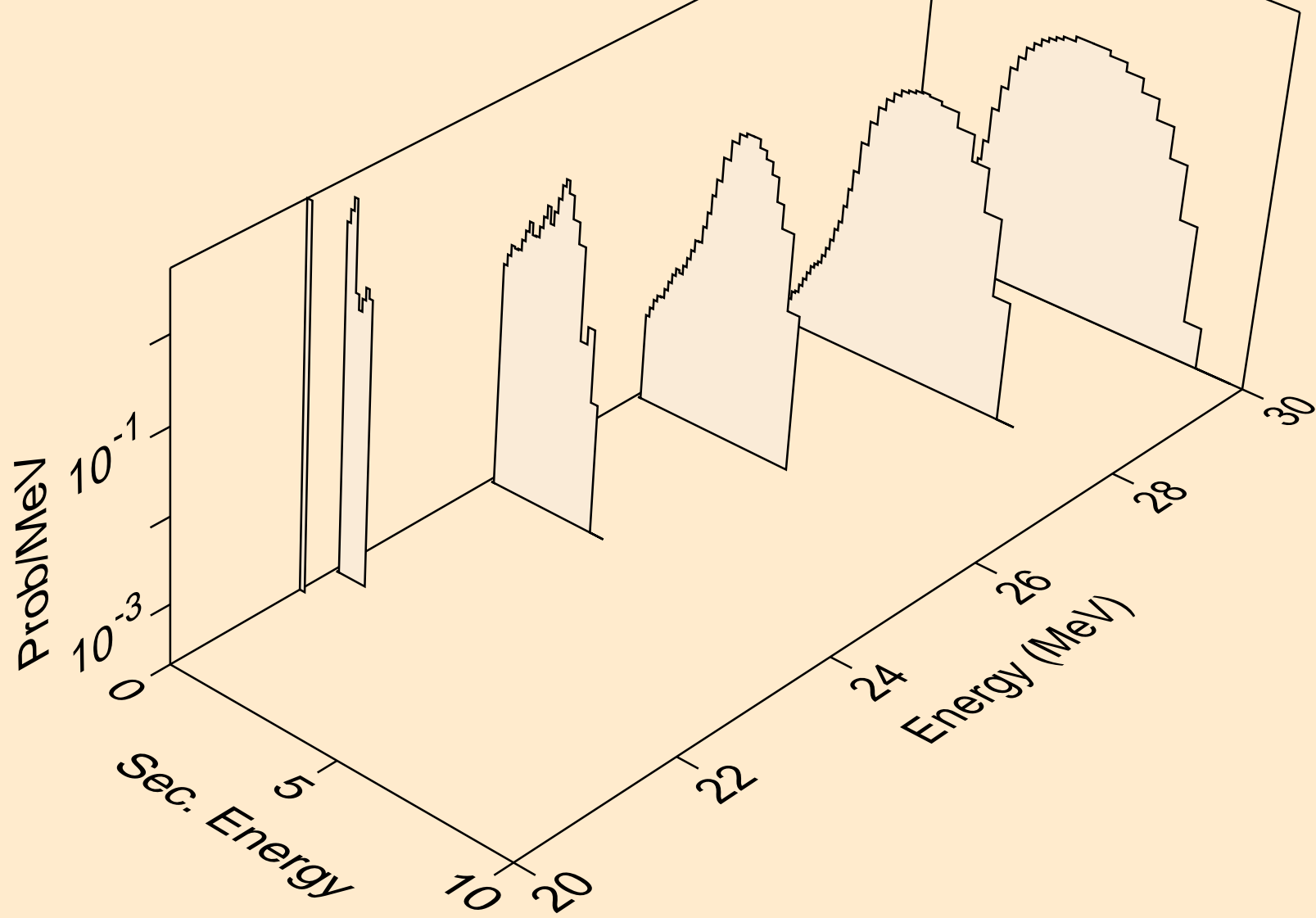
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



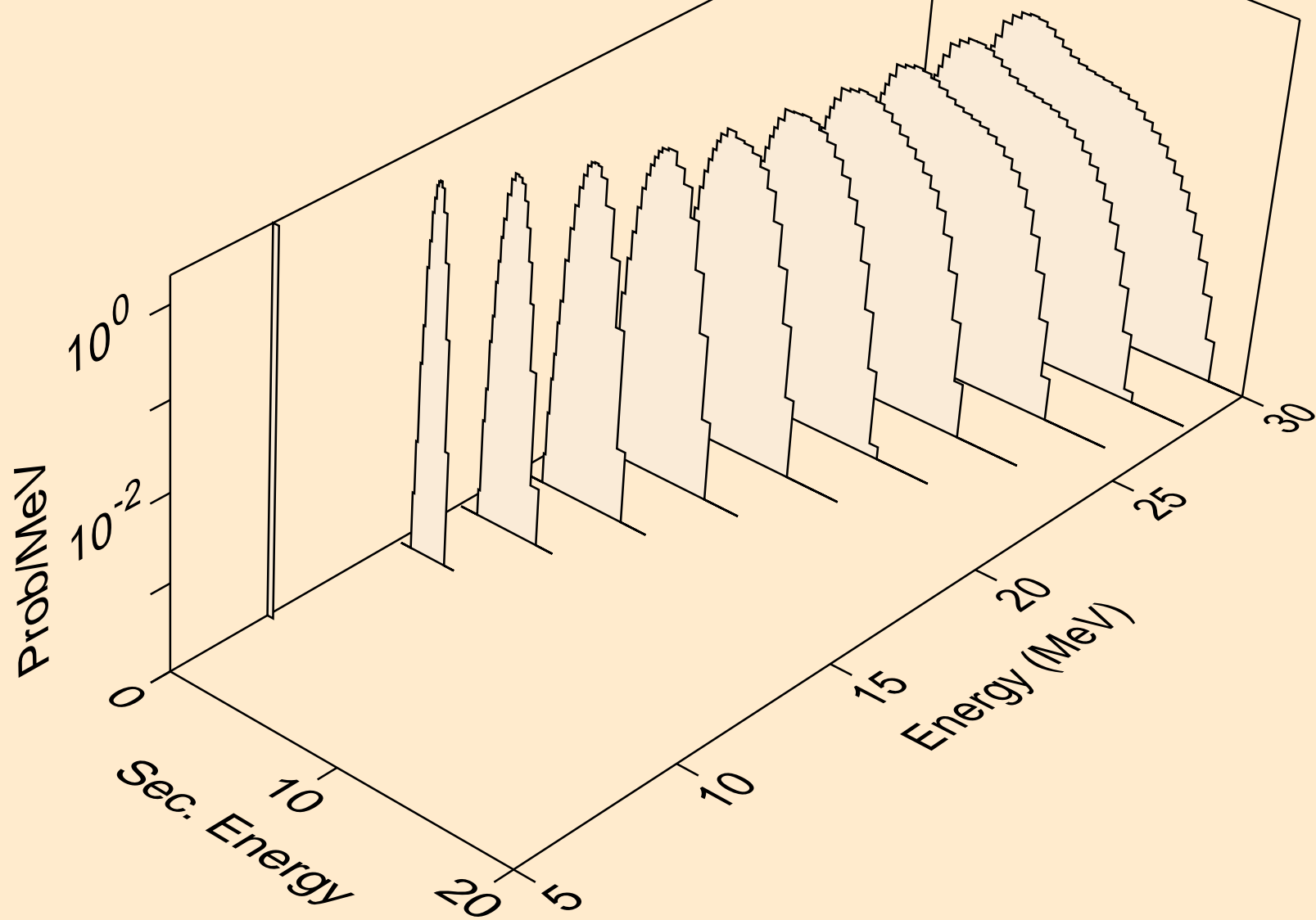
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



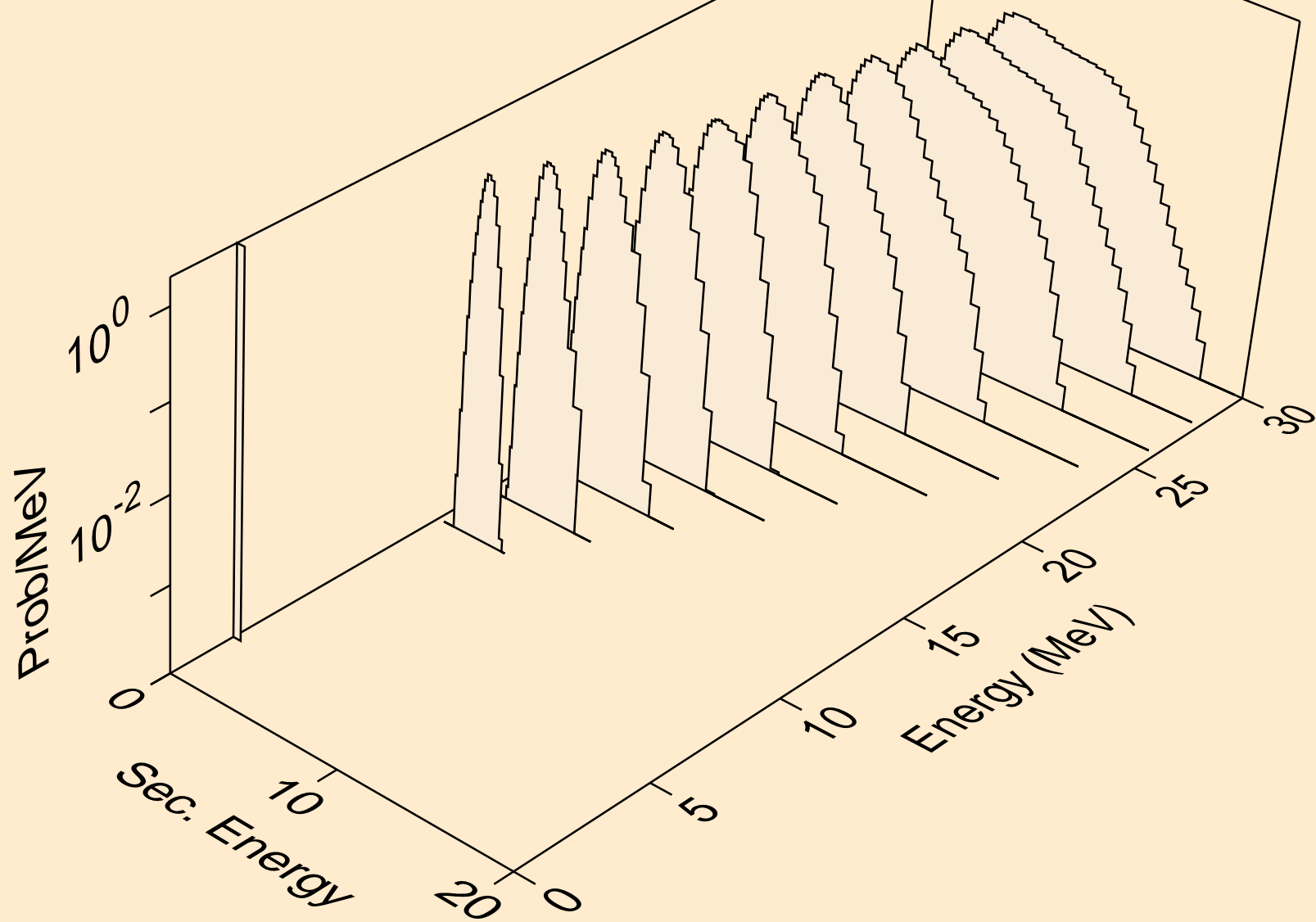
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)



IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

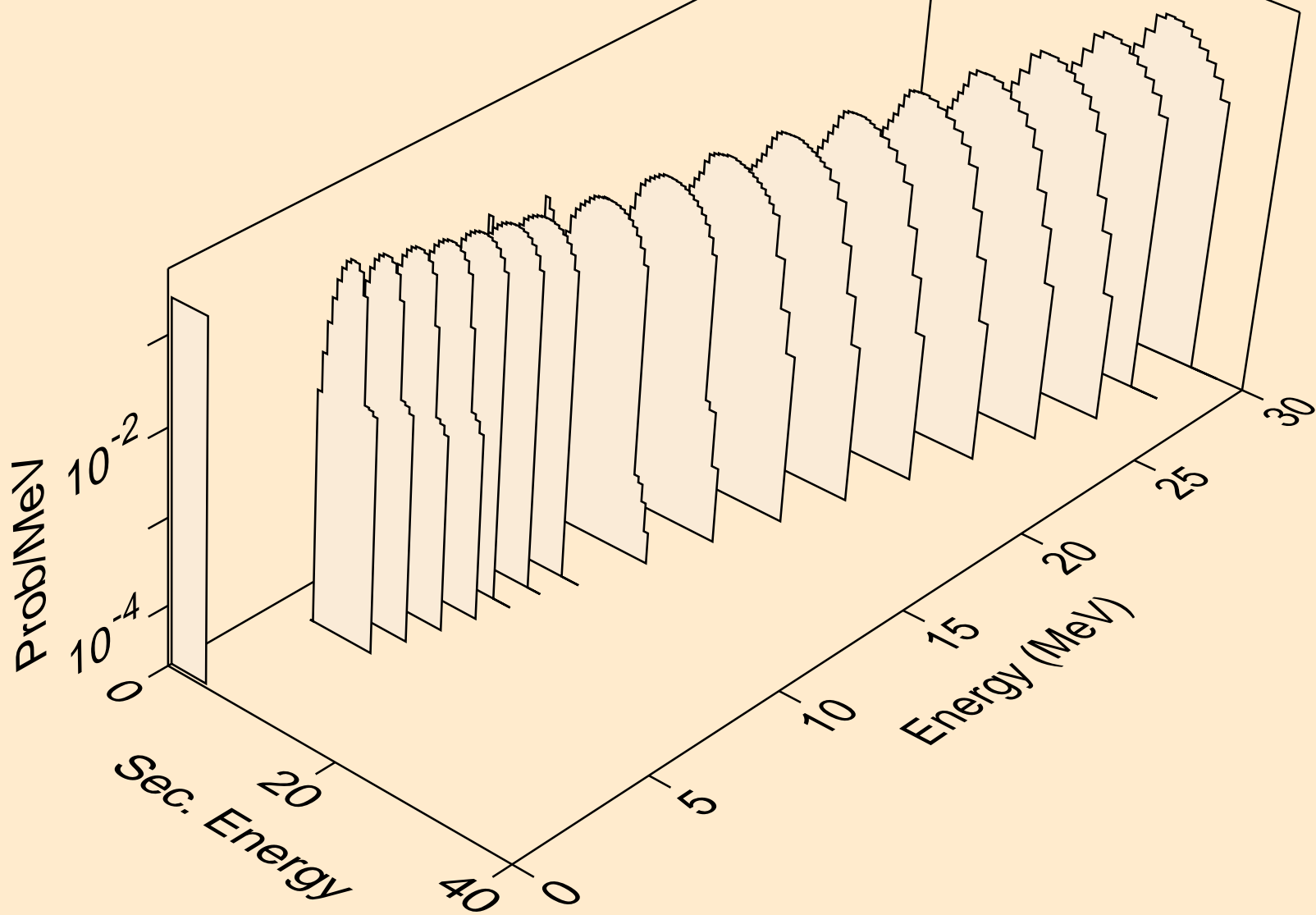


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)

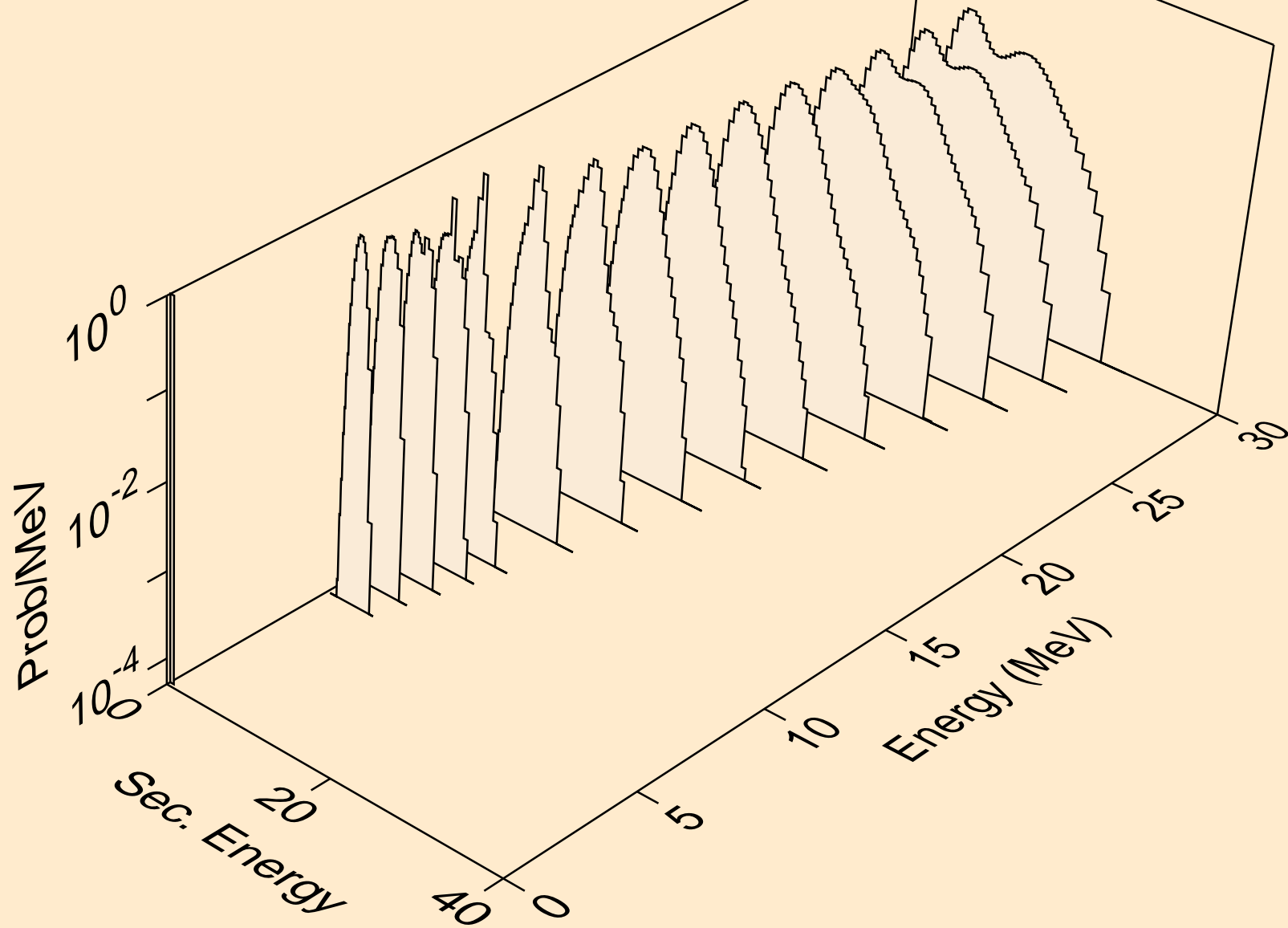




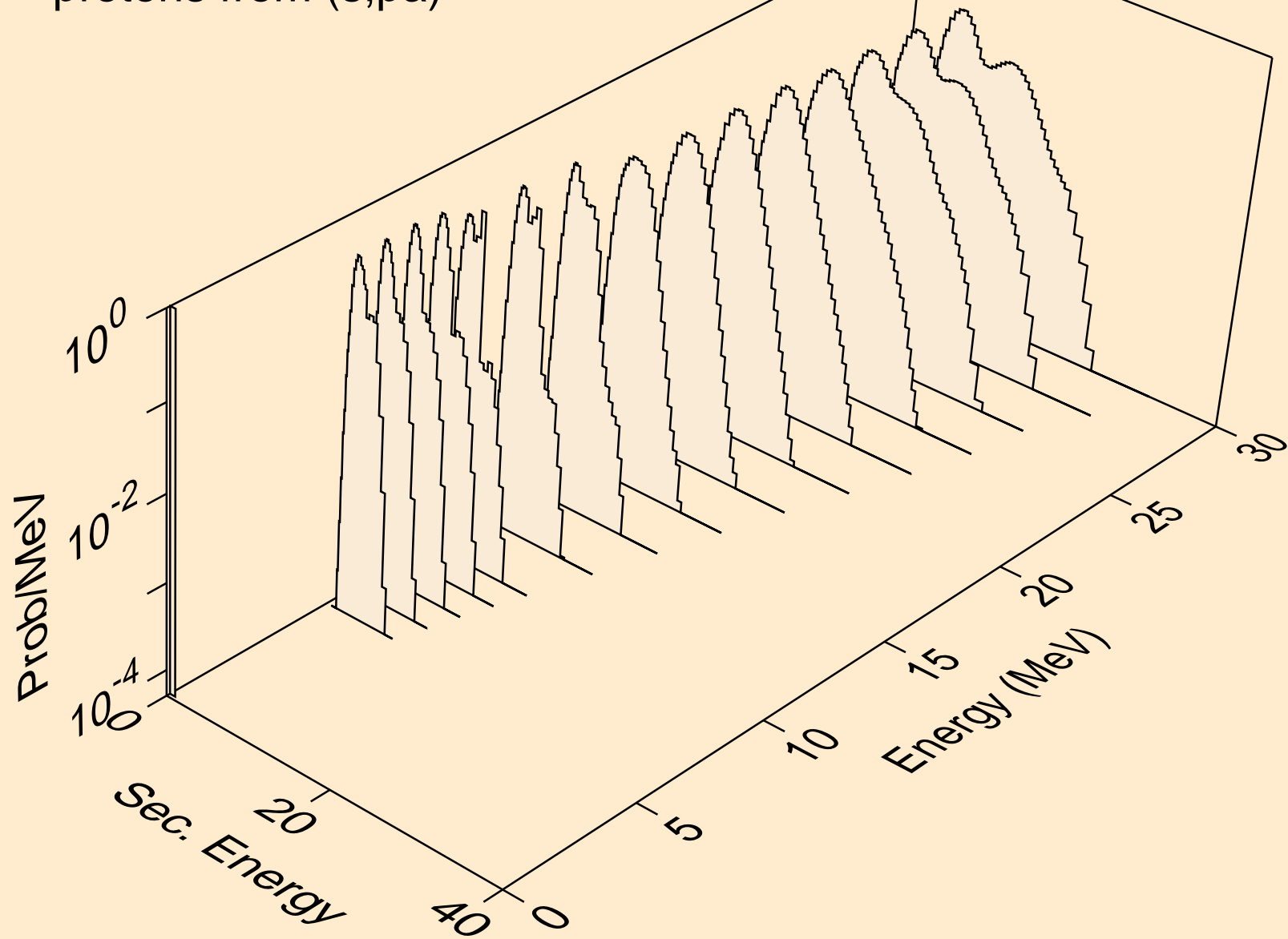
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



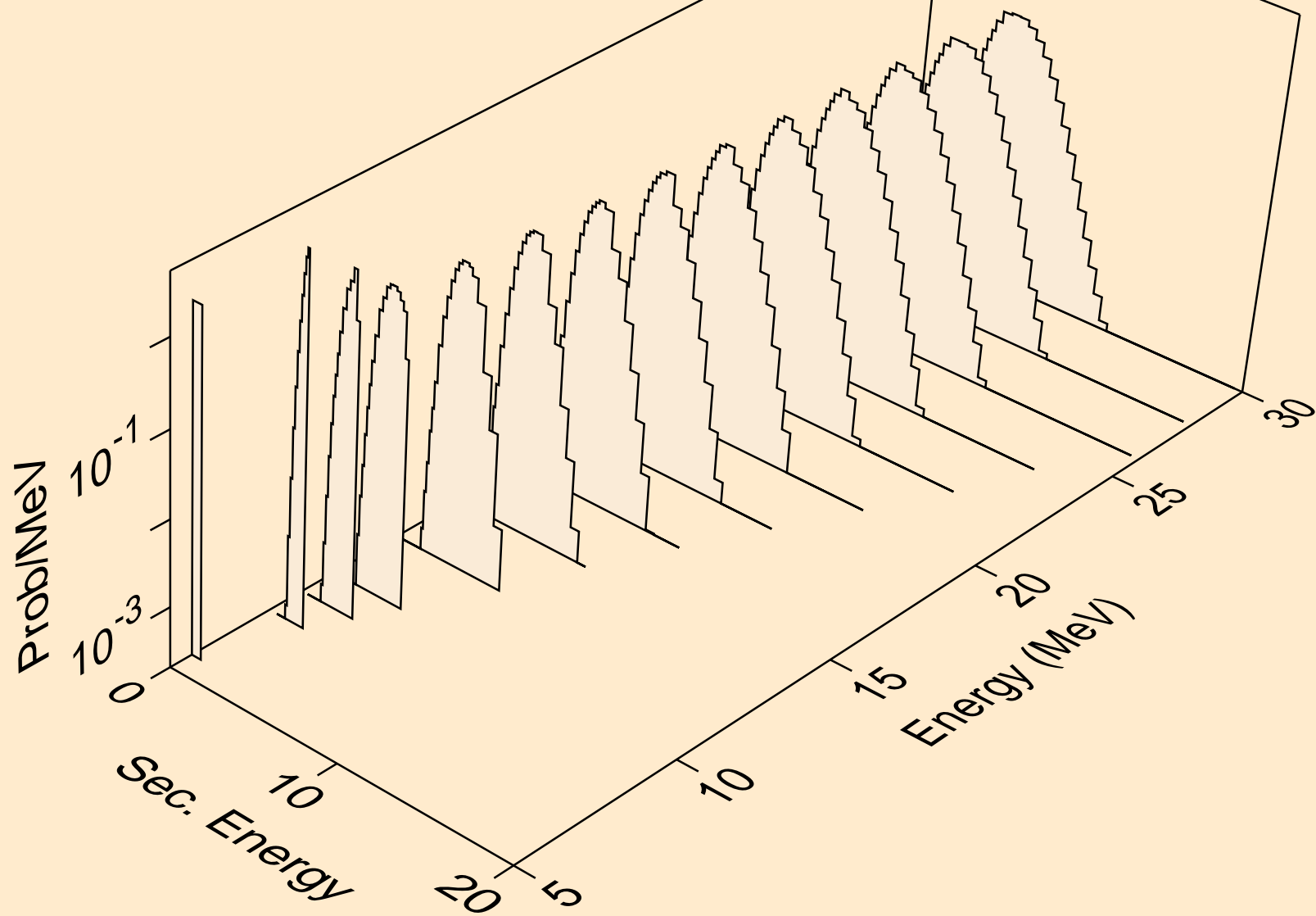
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



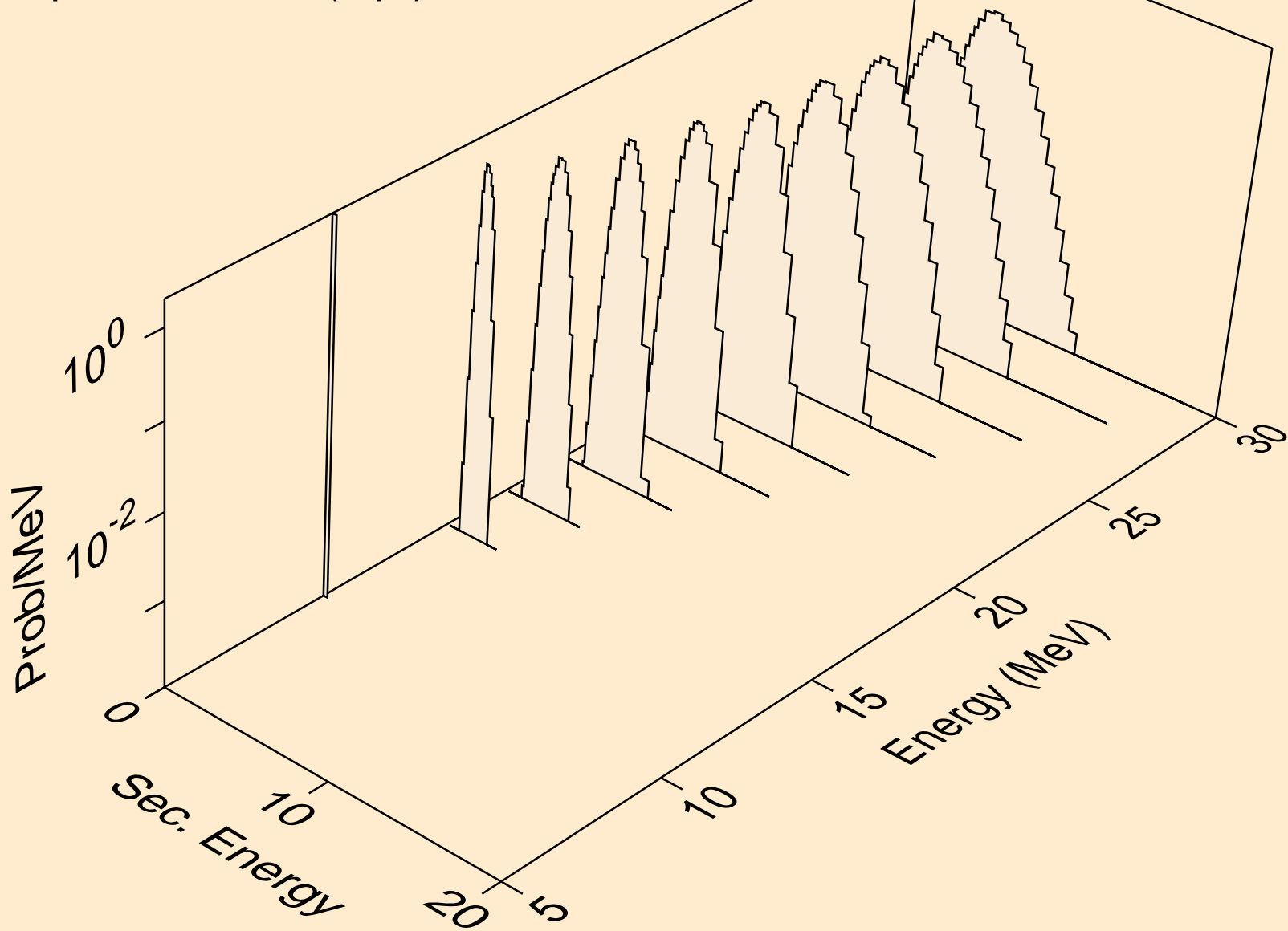
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



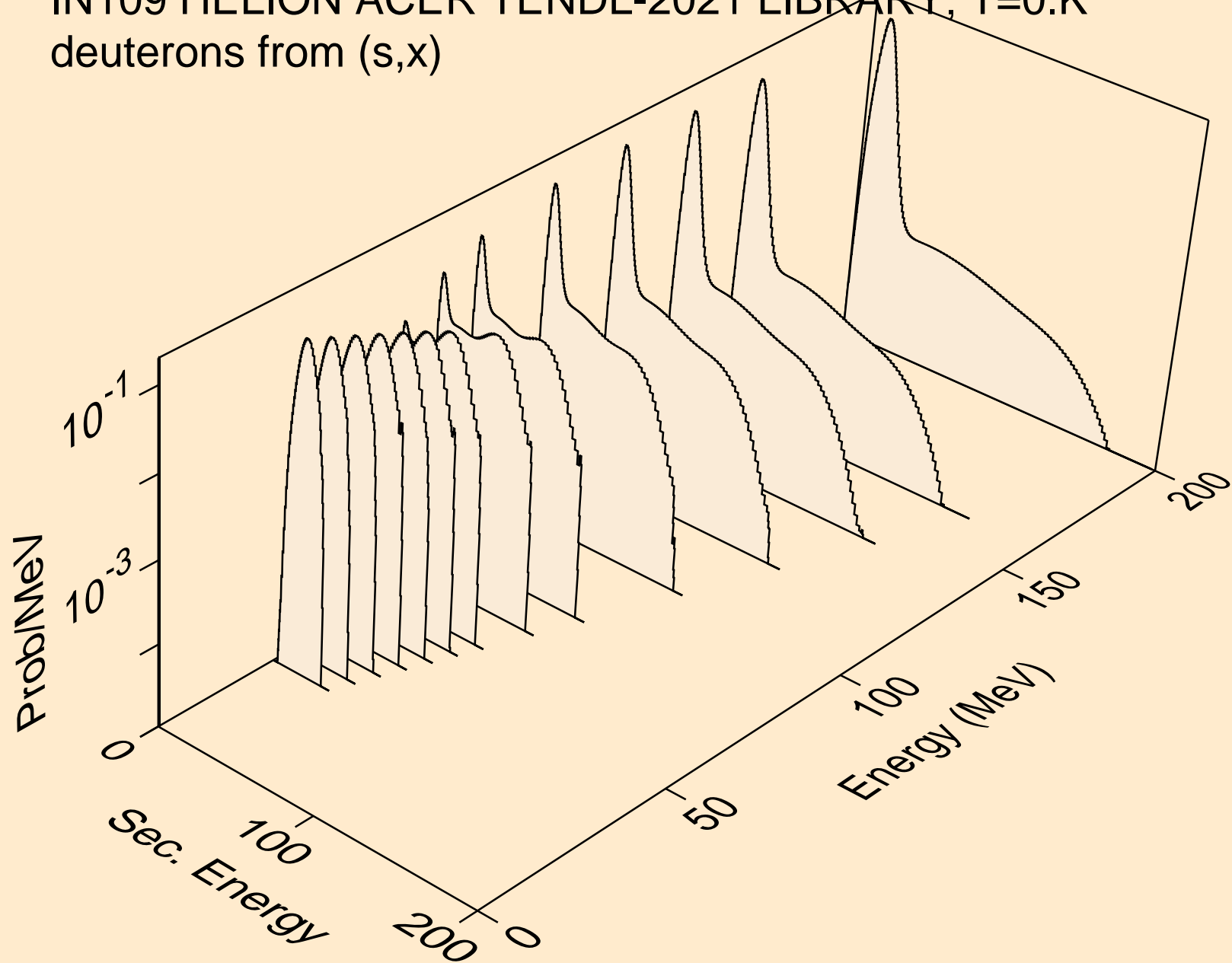
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



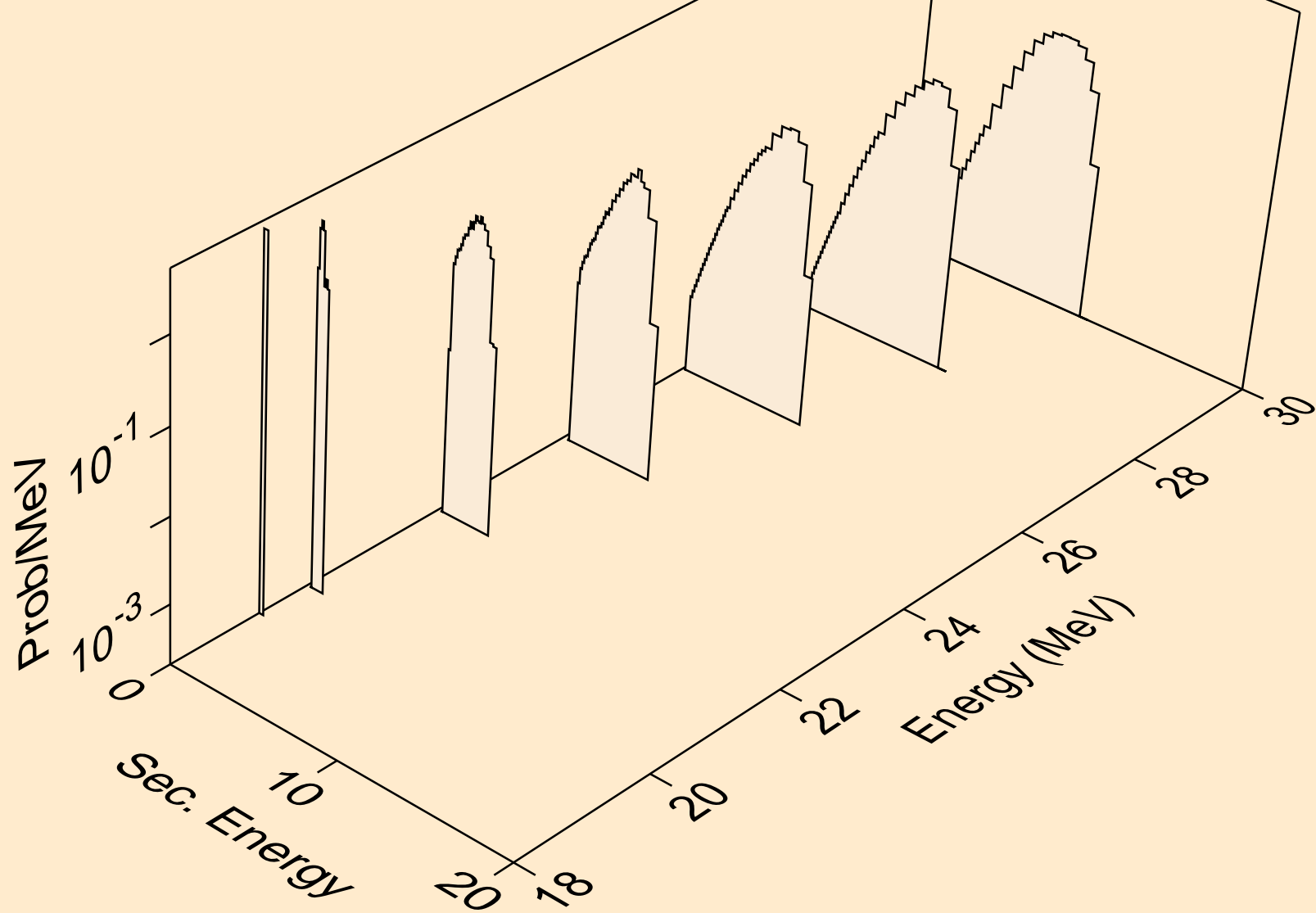
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



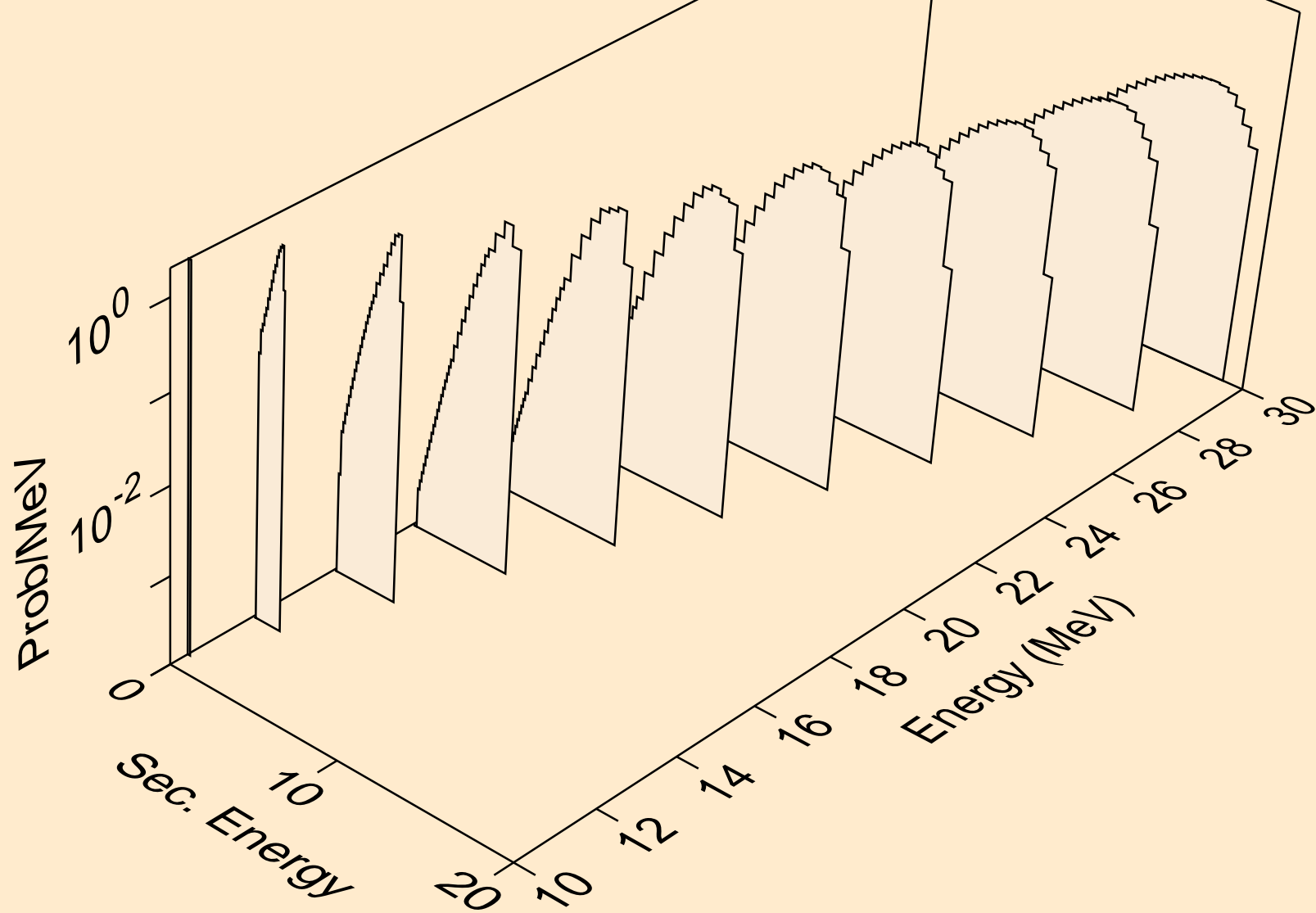
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)

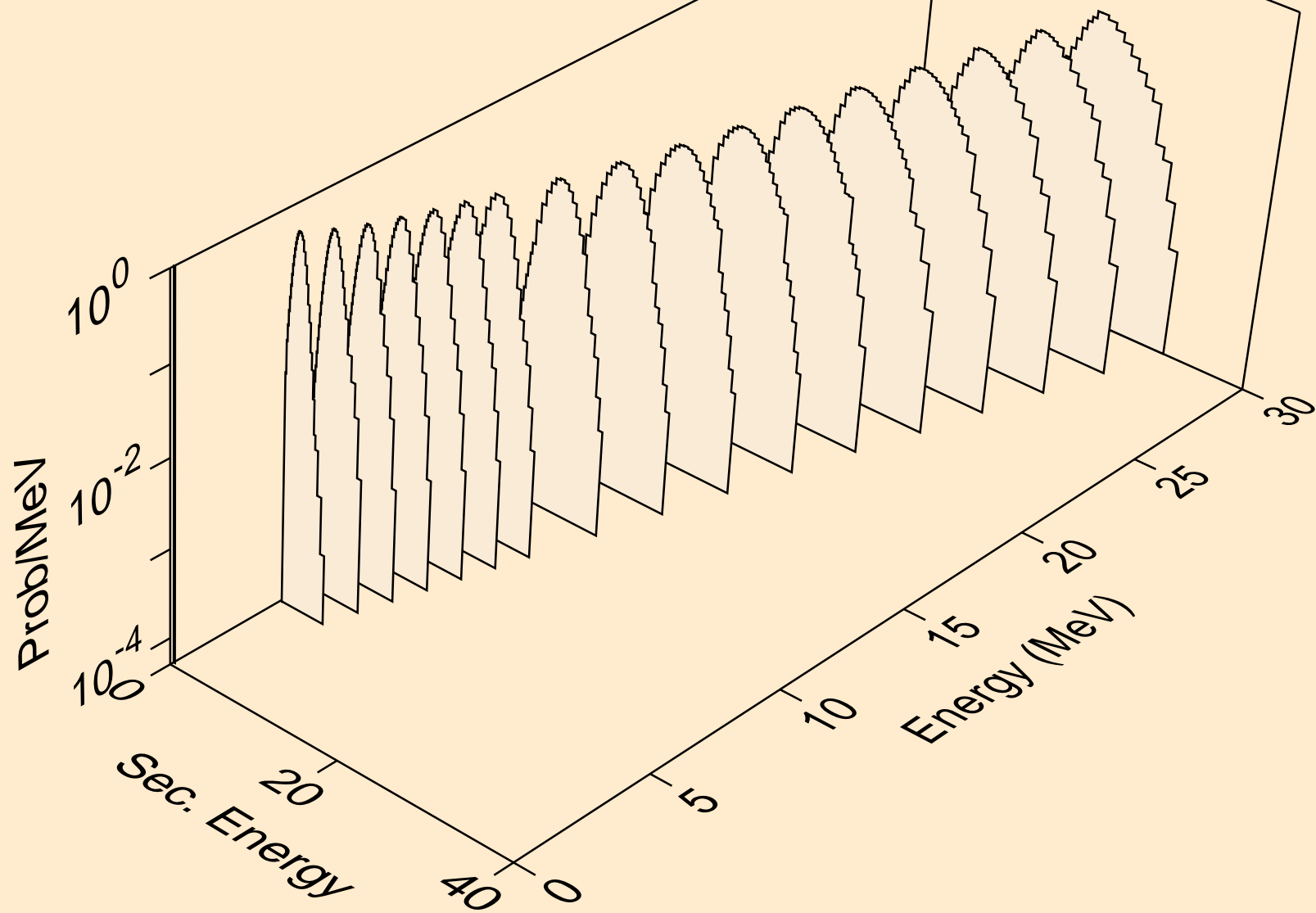


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d

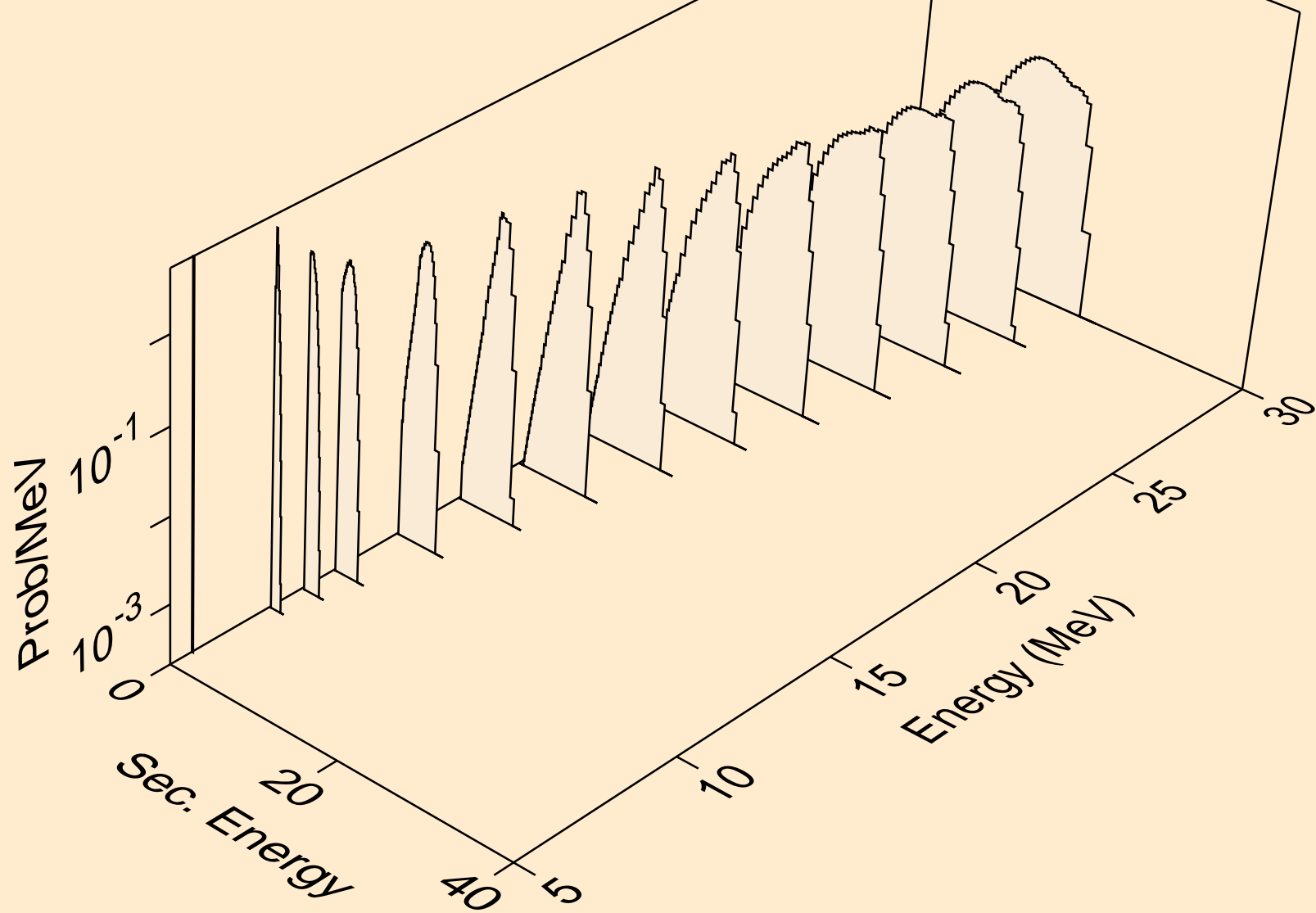




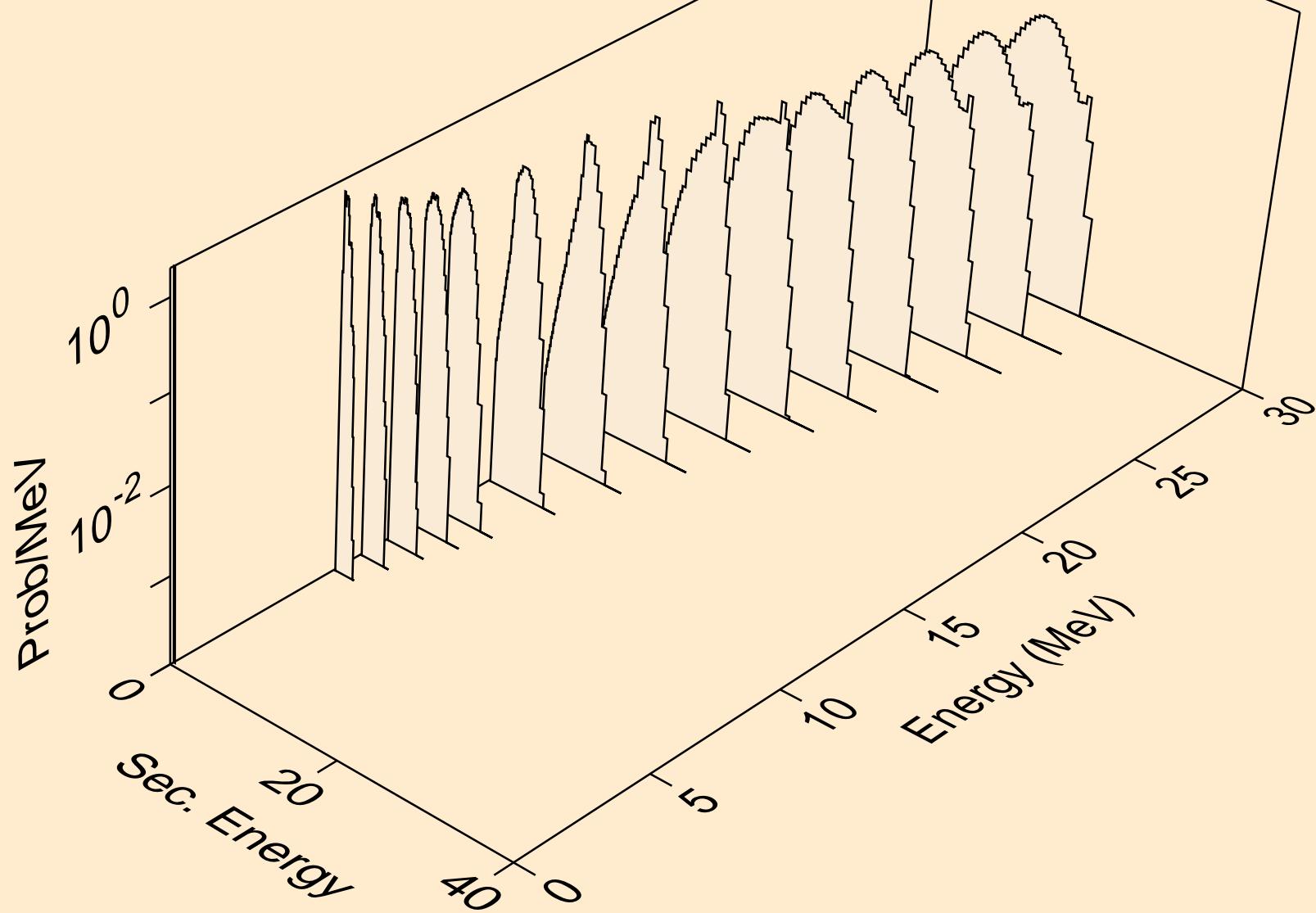
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



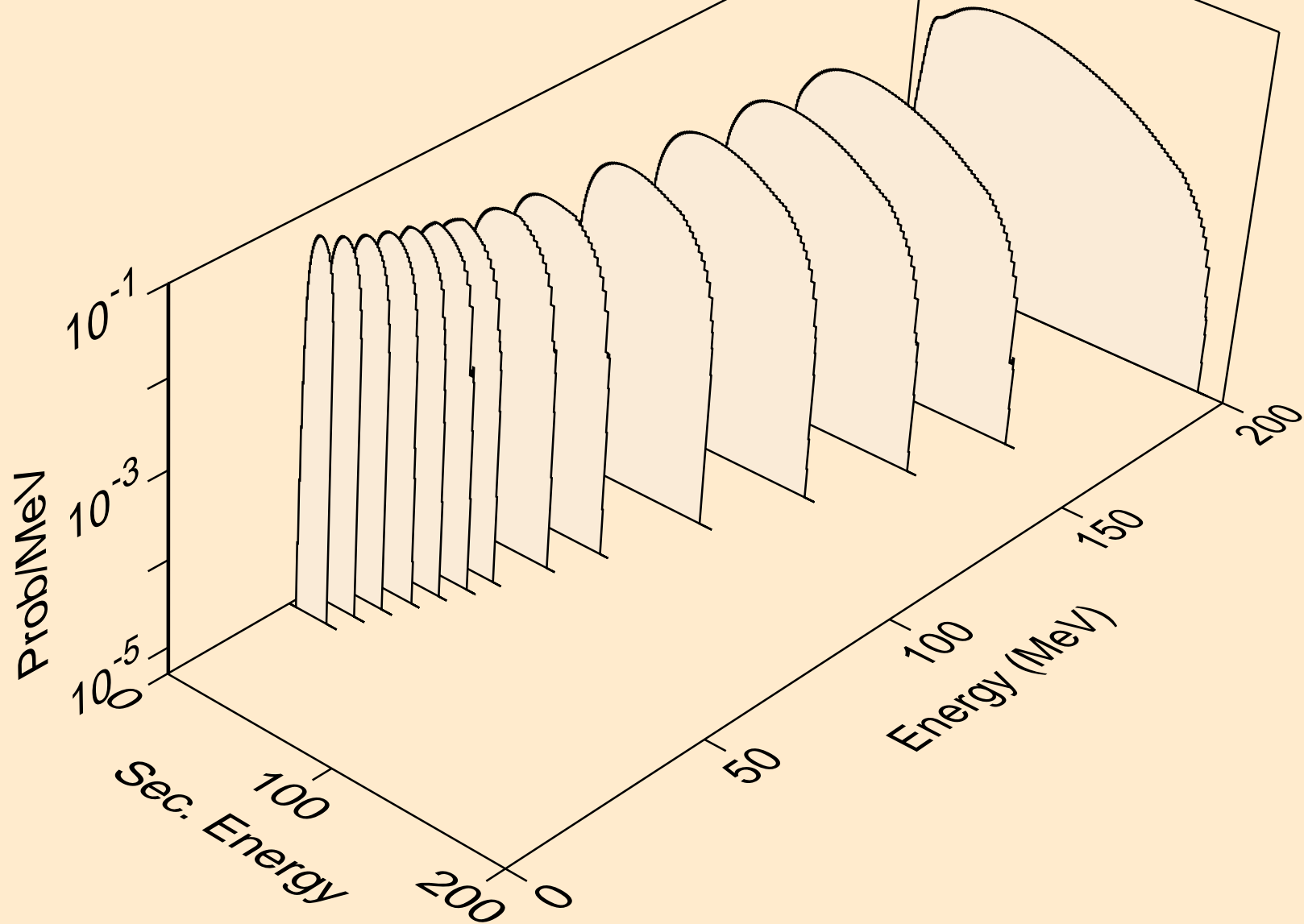
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



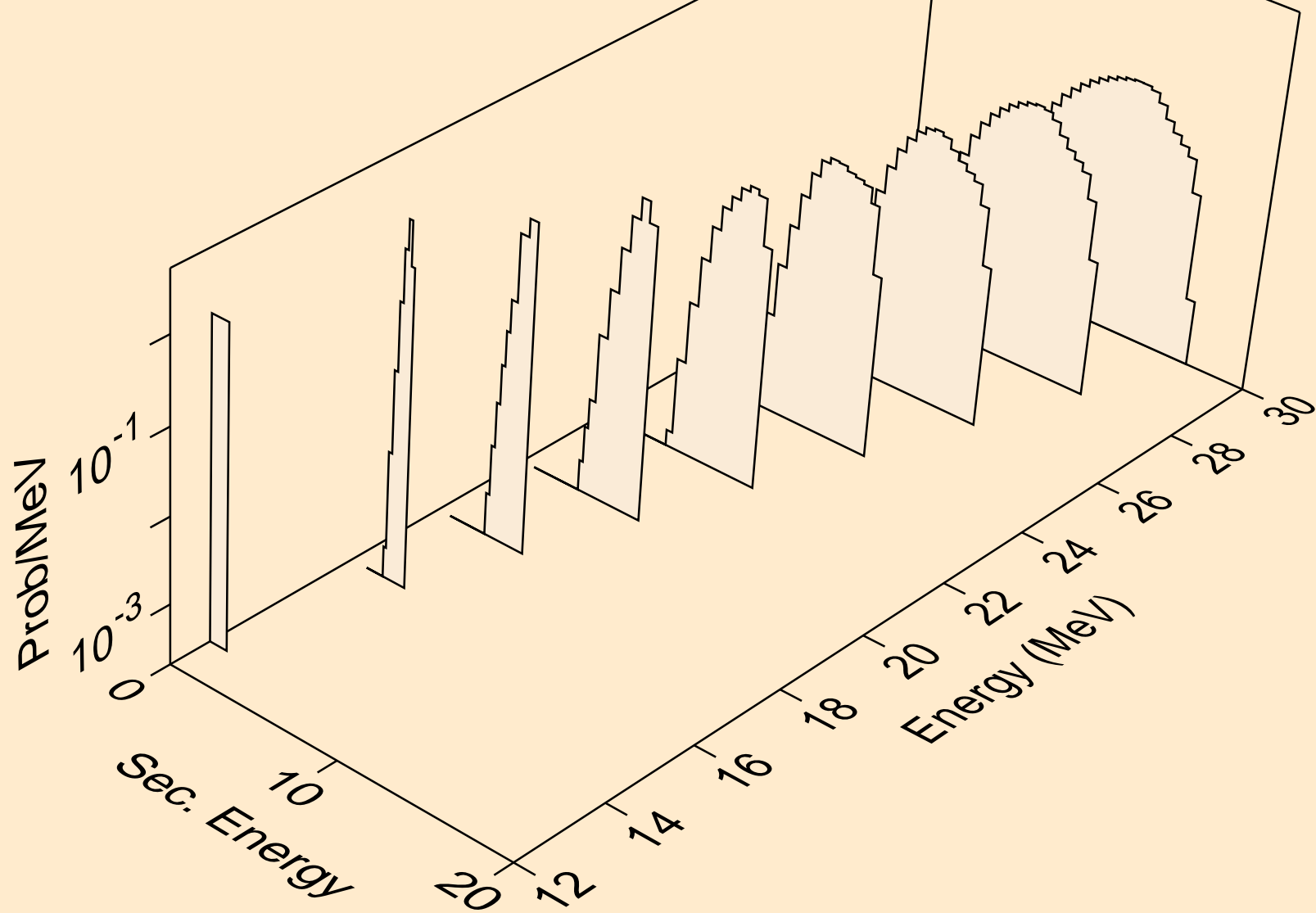
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



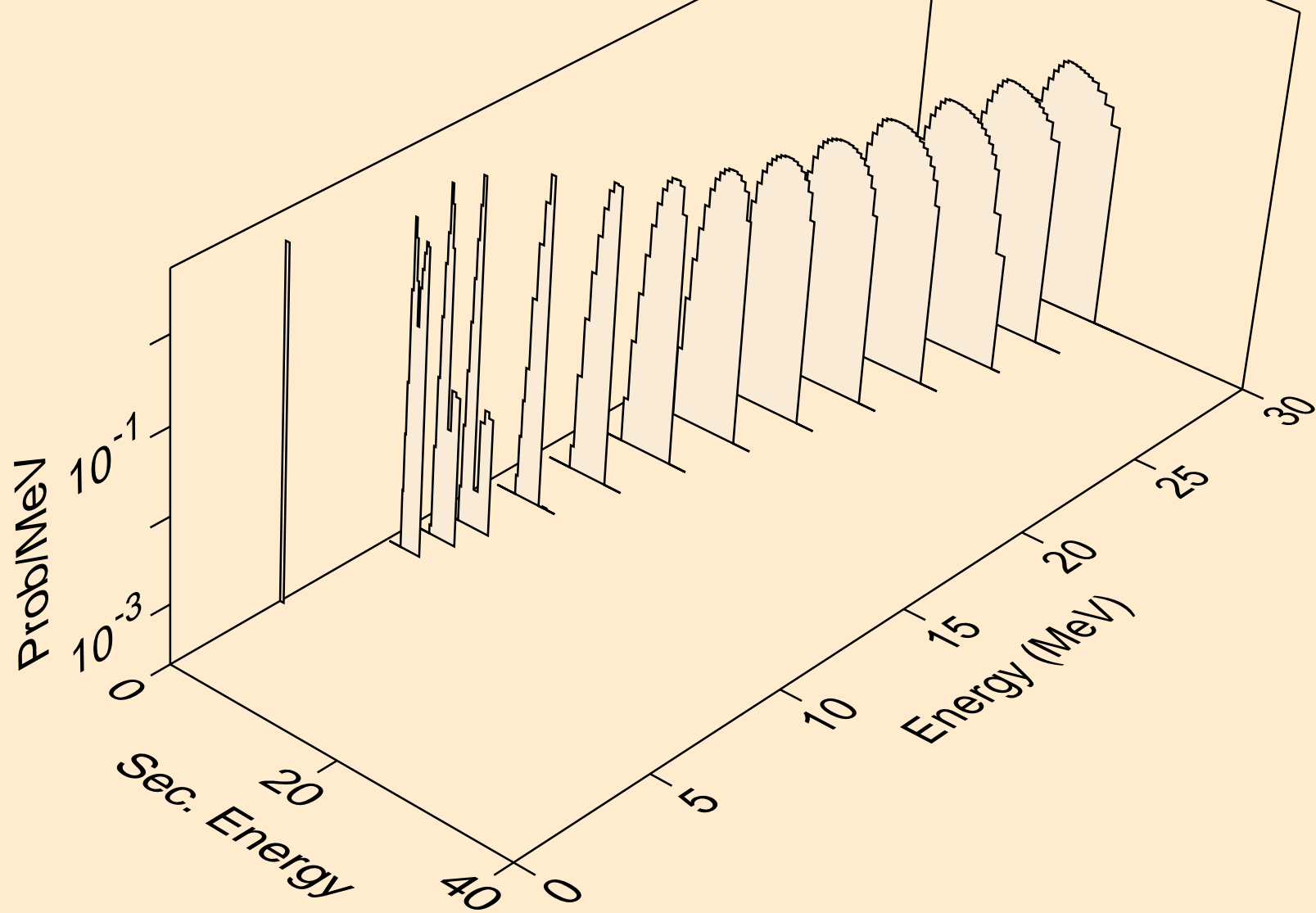
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



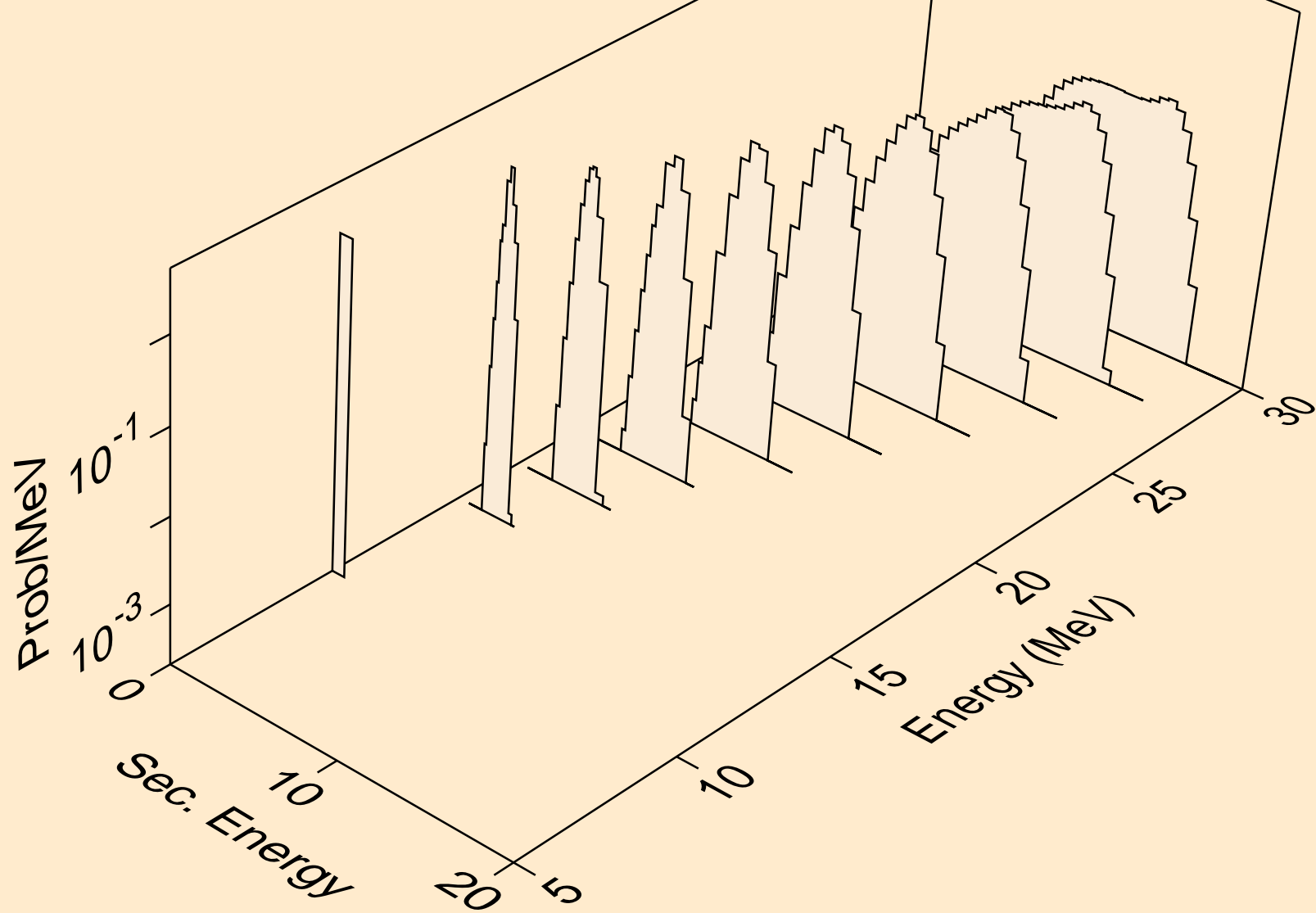
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



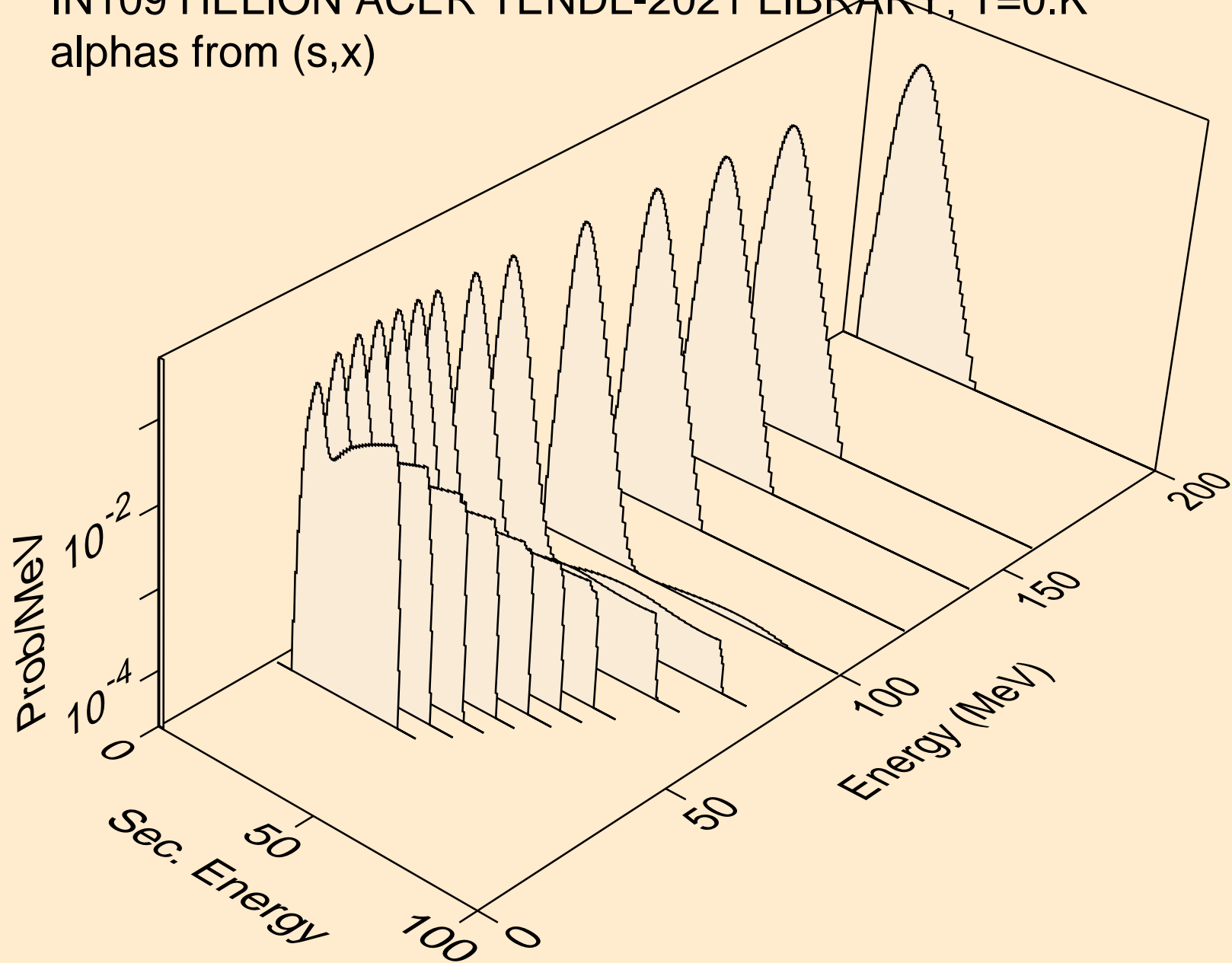
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)



IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)

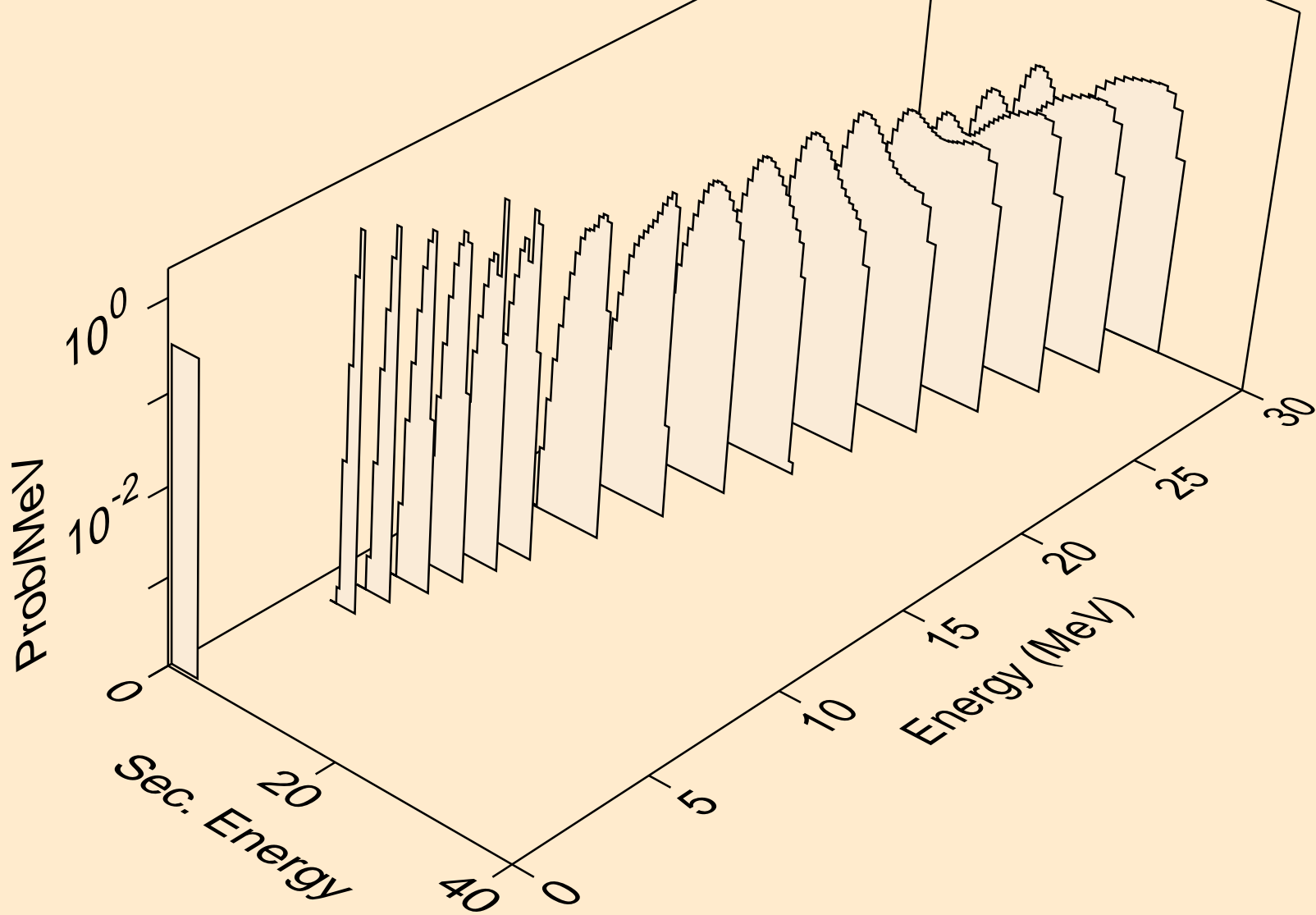


IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

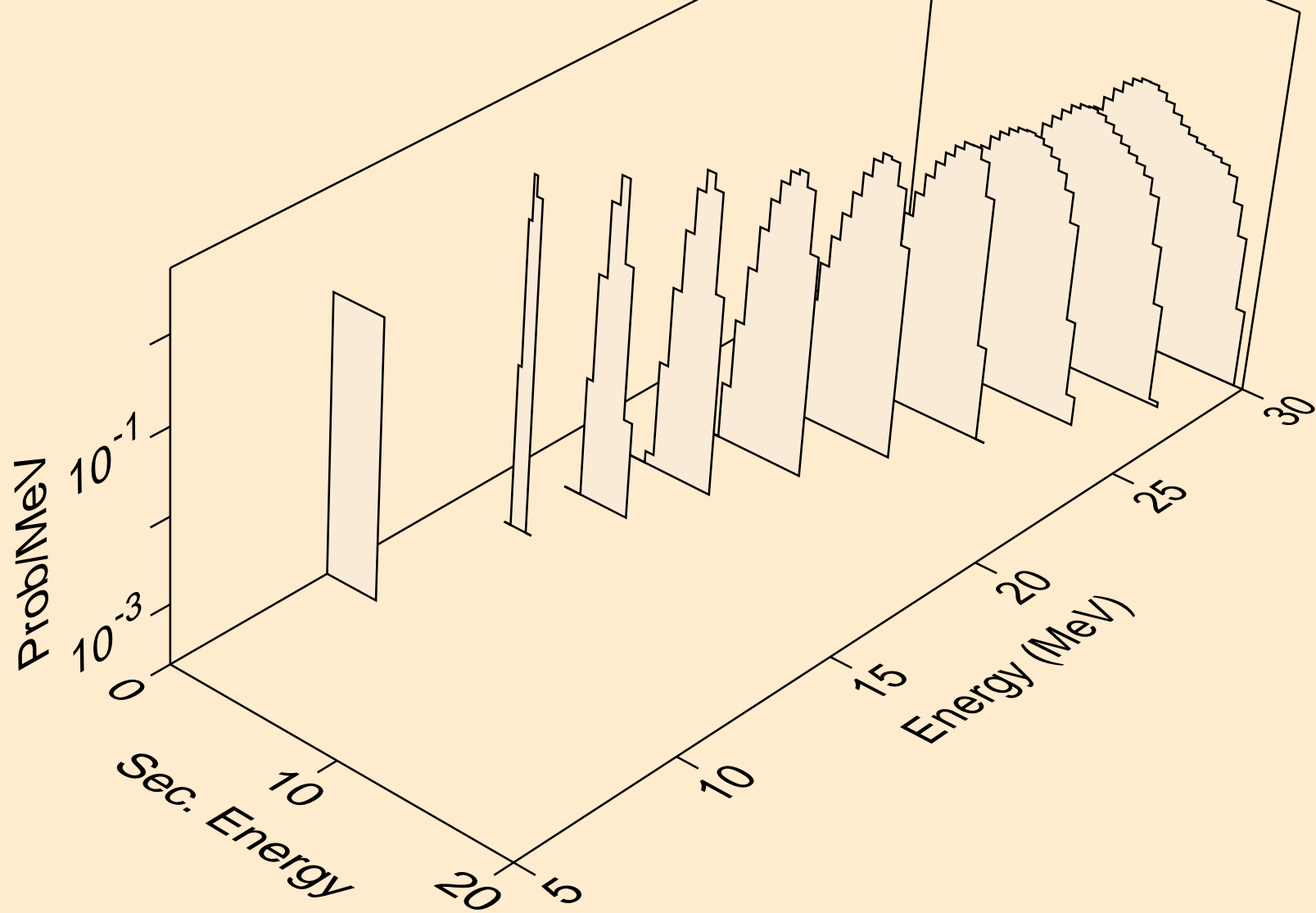




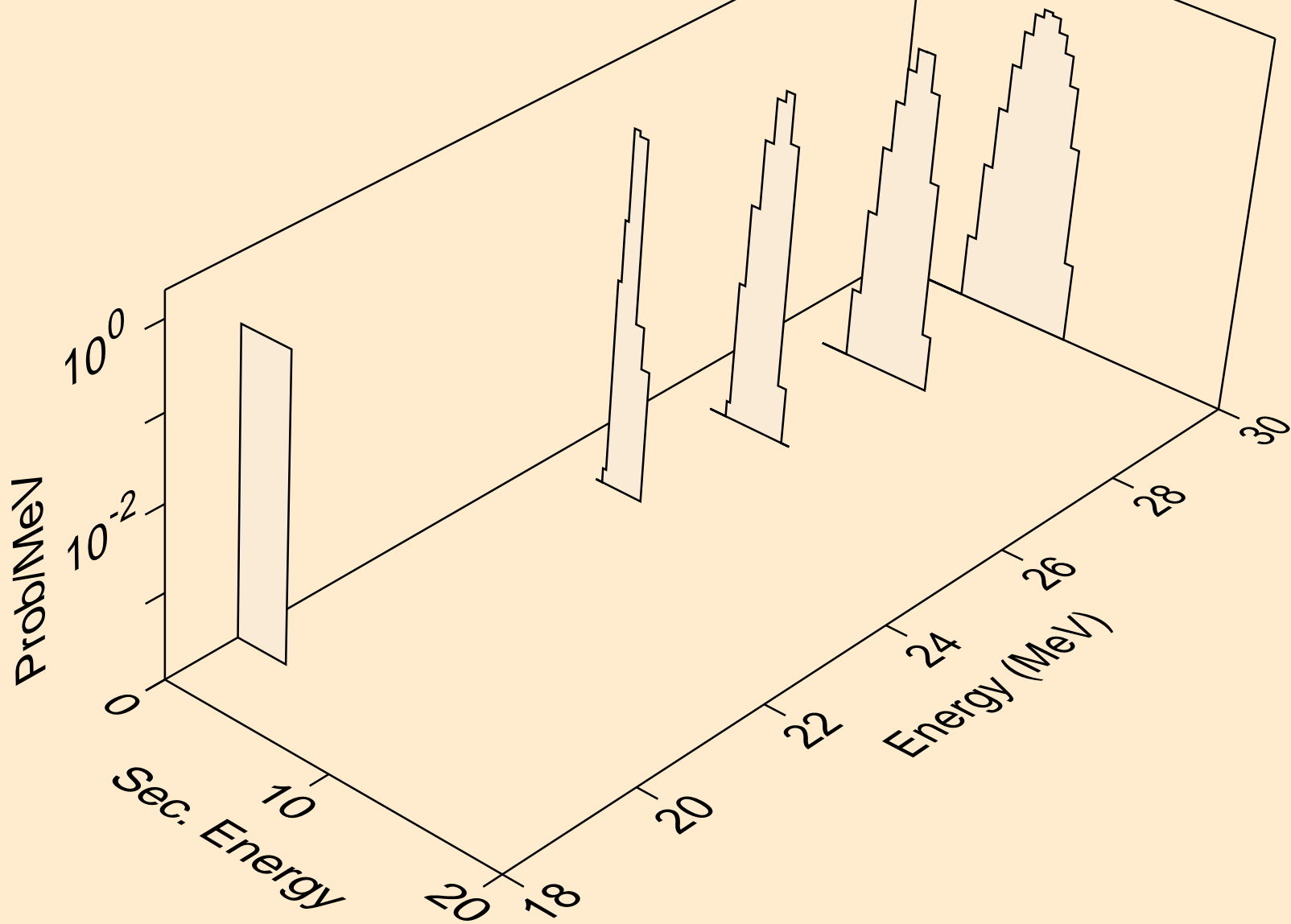
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



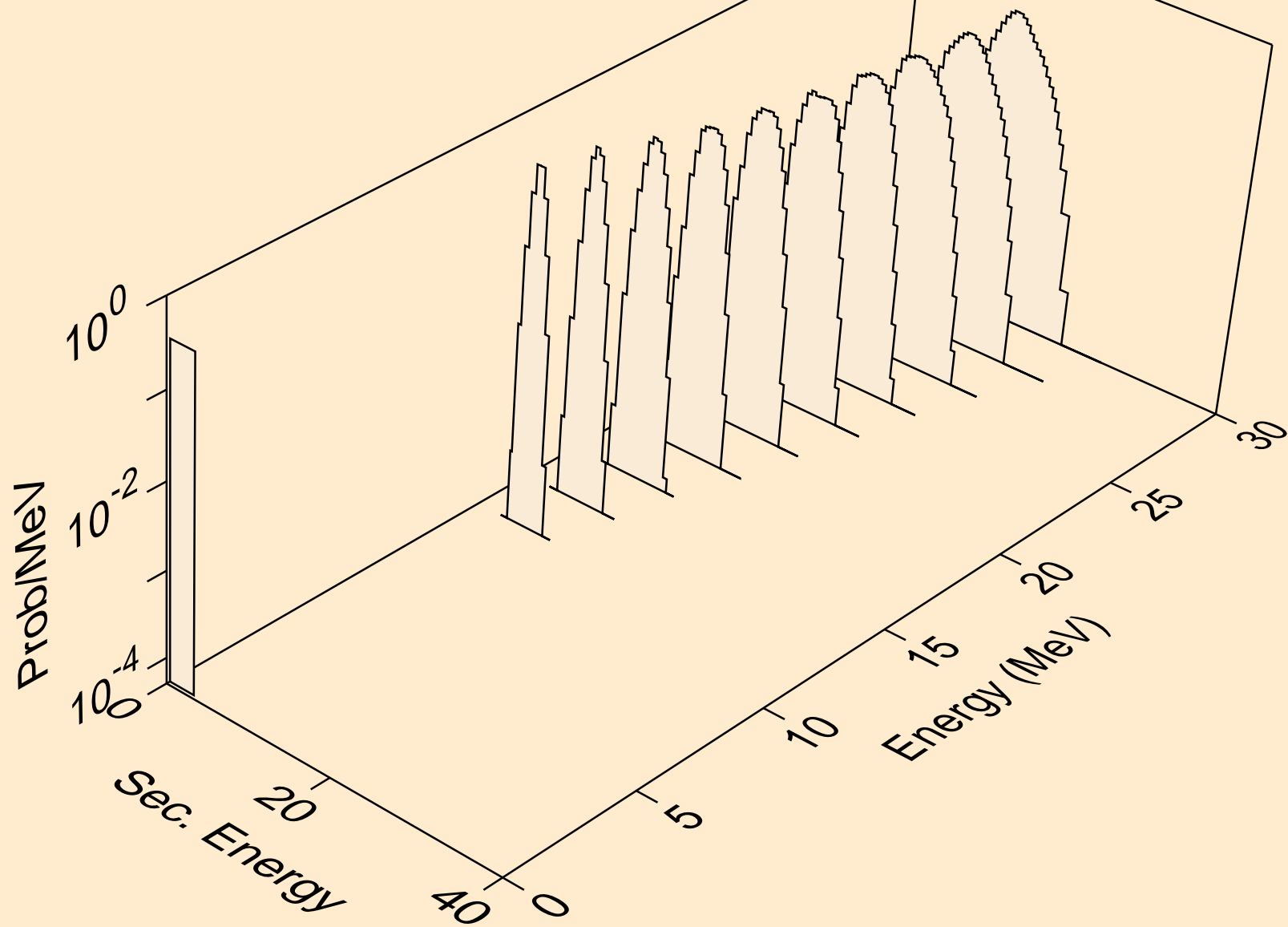
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



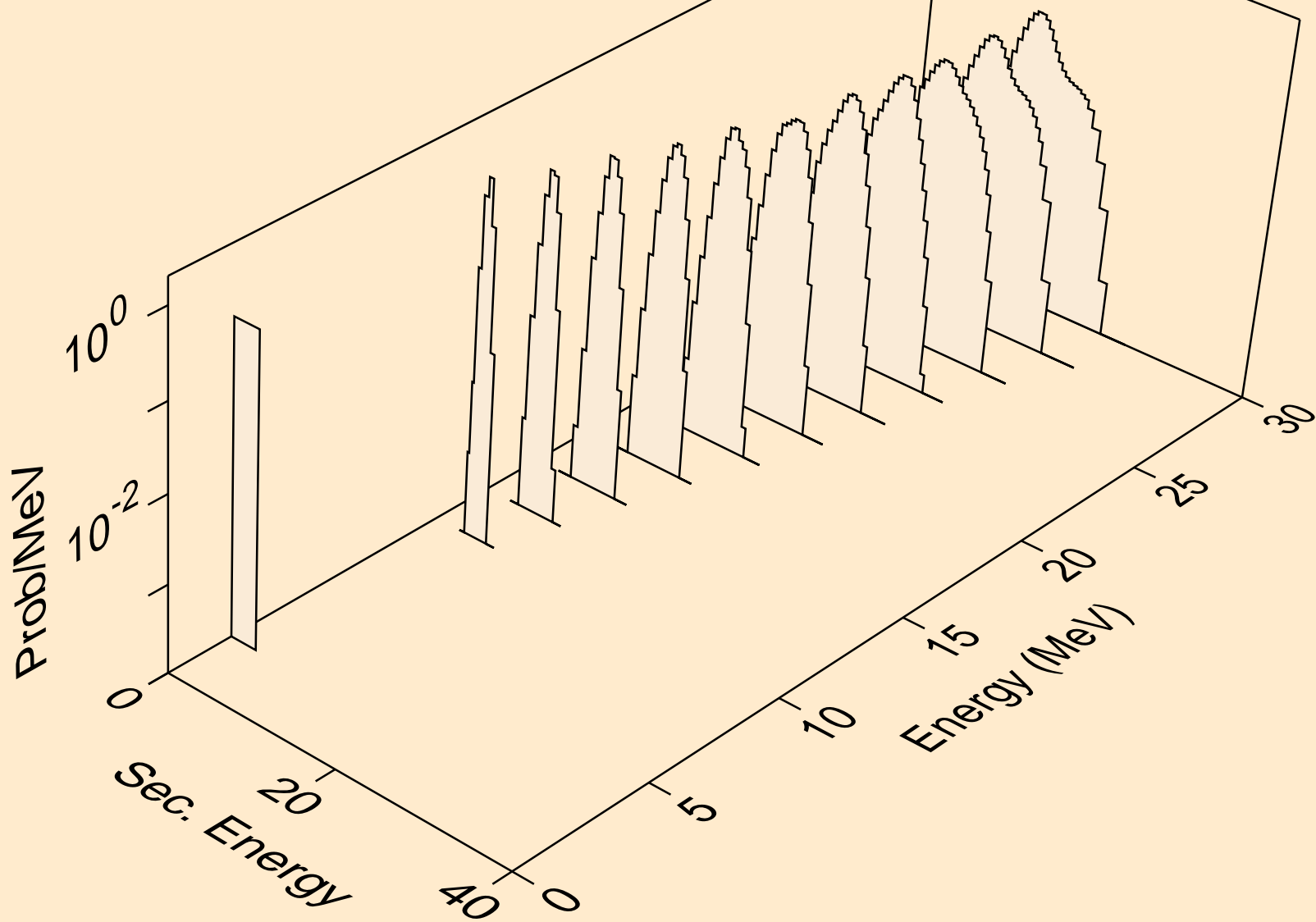
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



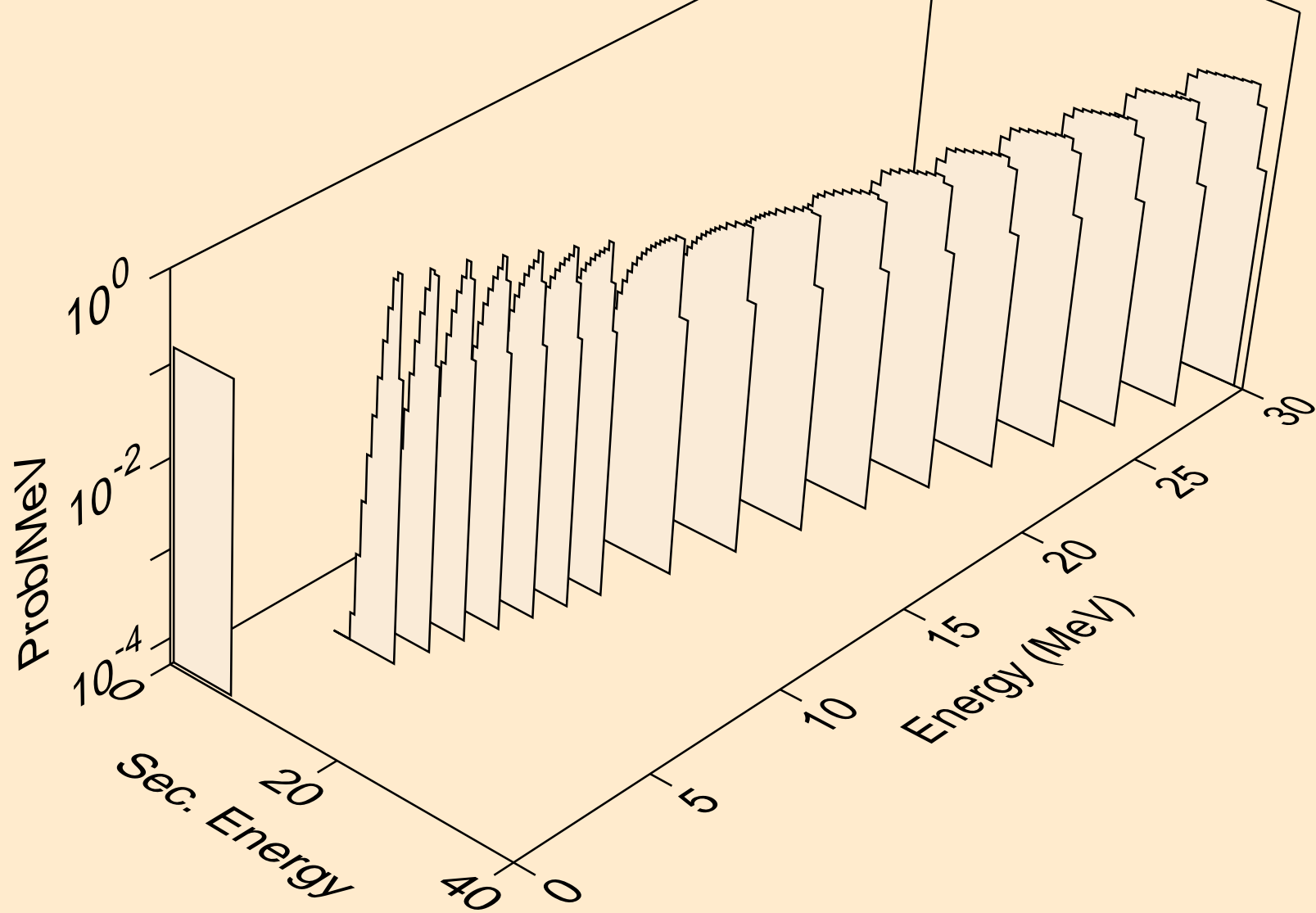
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



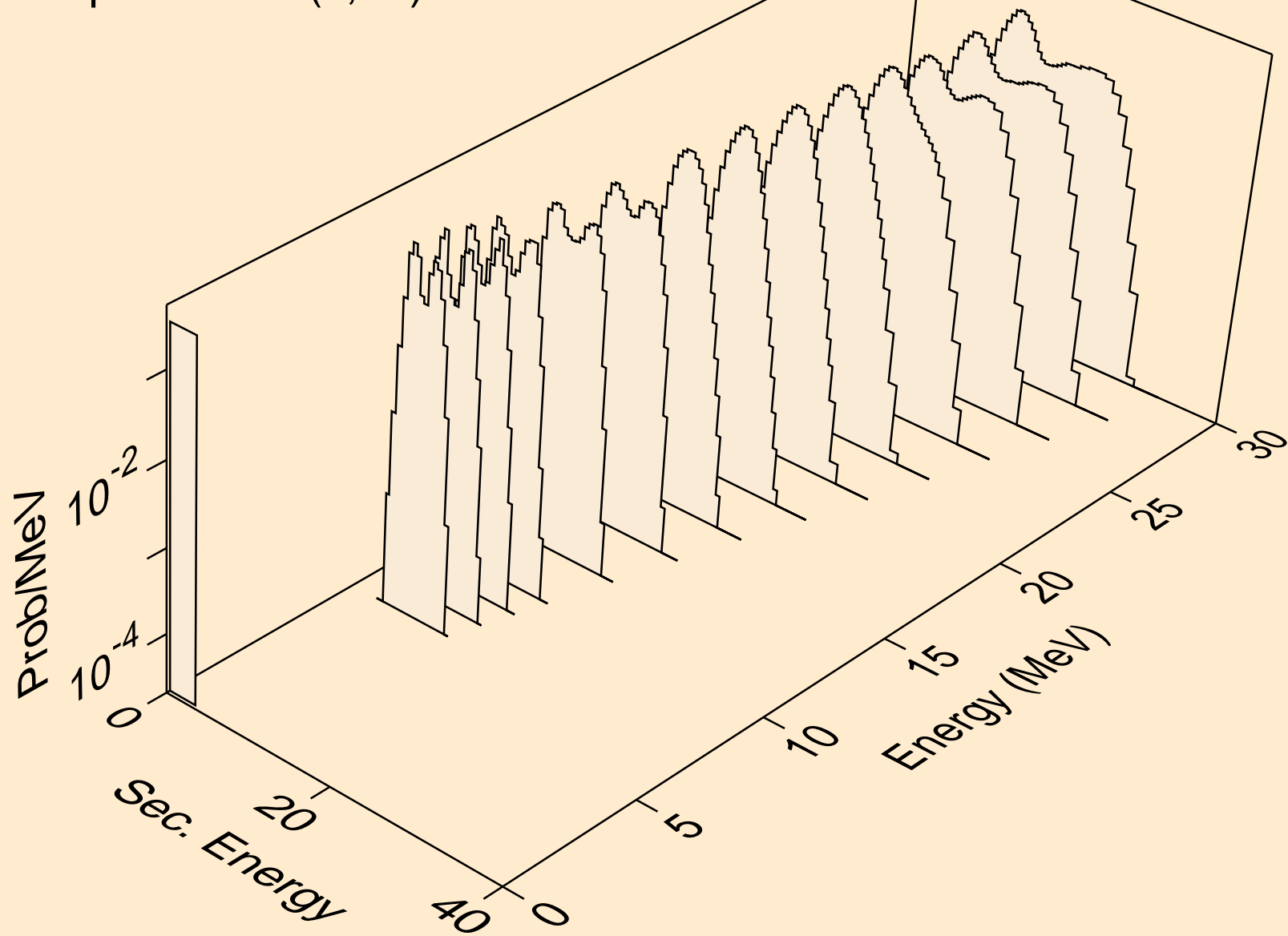
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



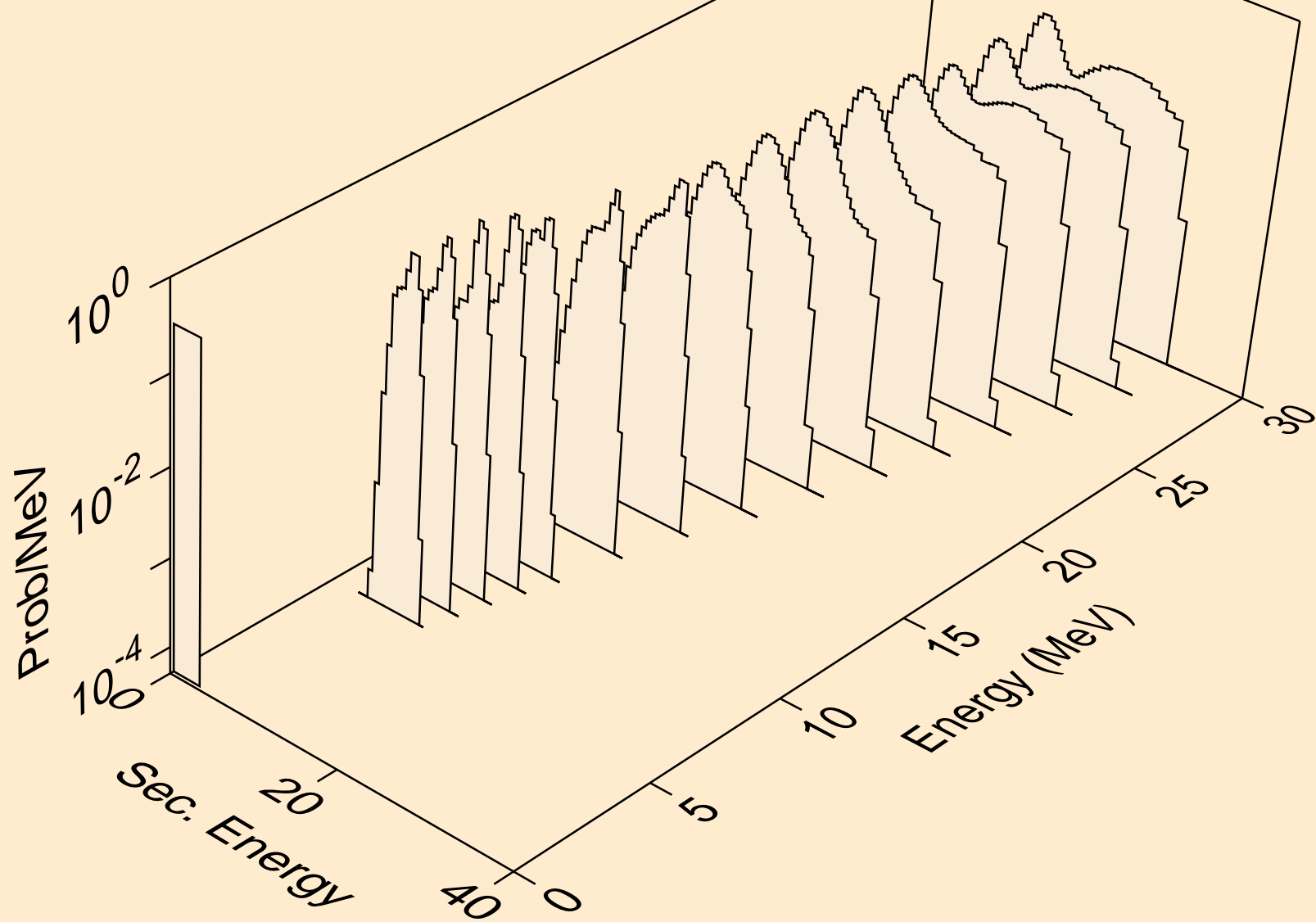
IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)





IN109 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

