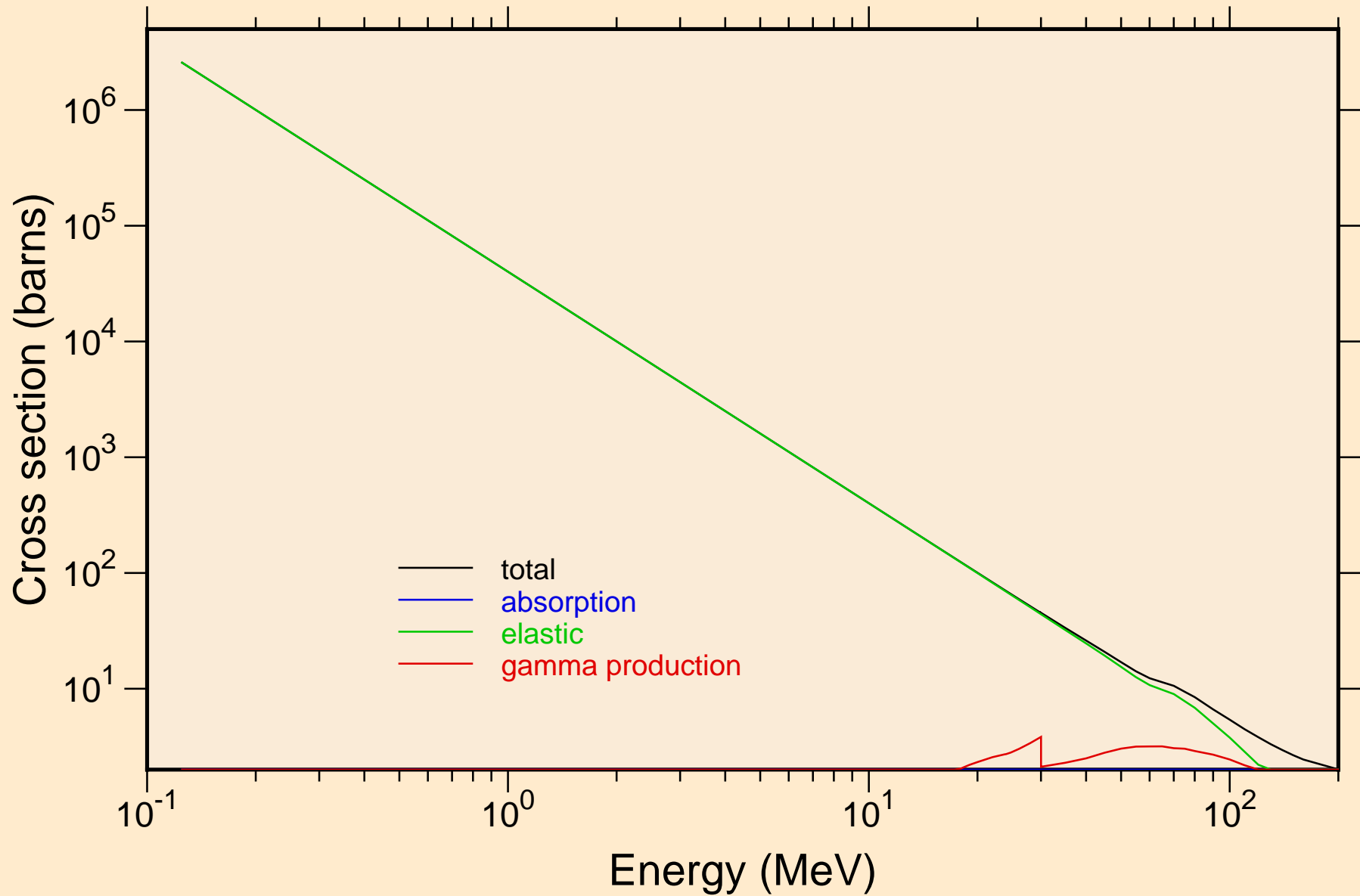


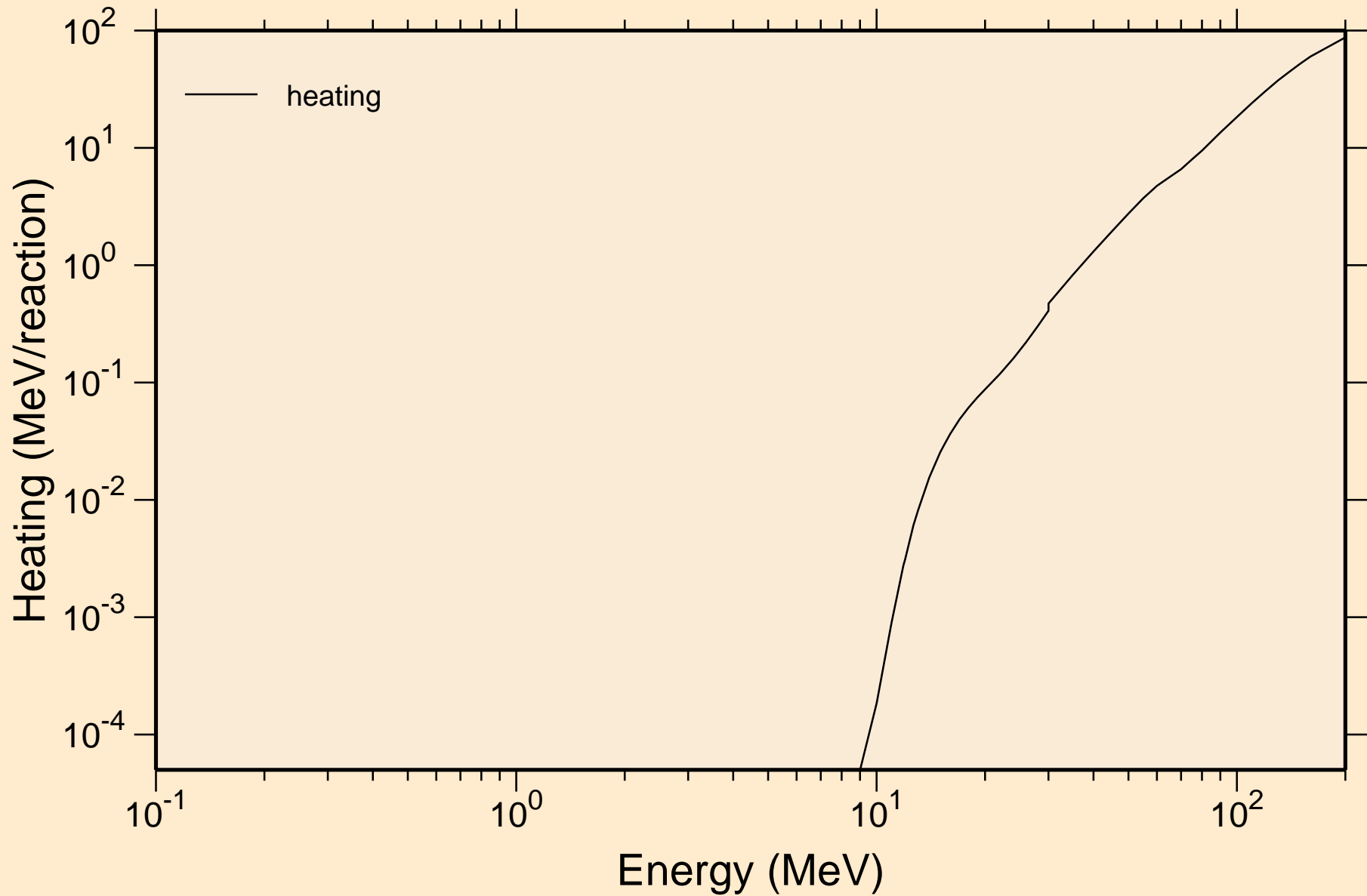
# Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



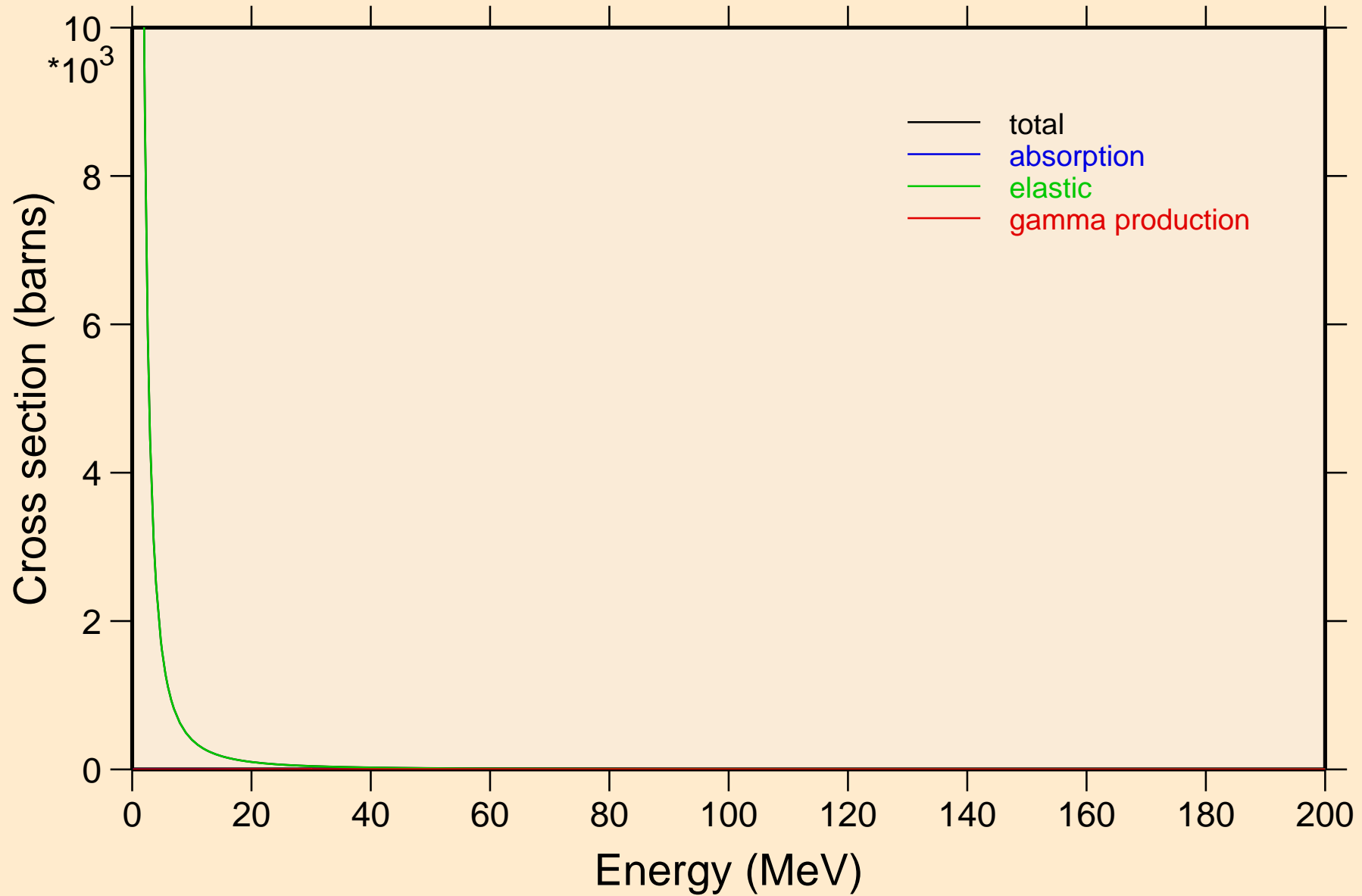
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



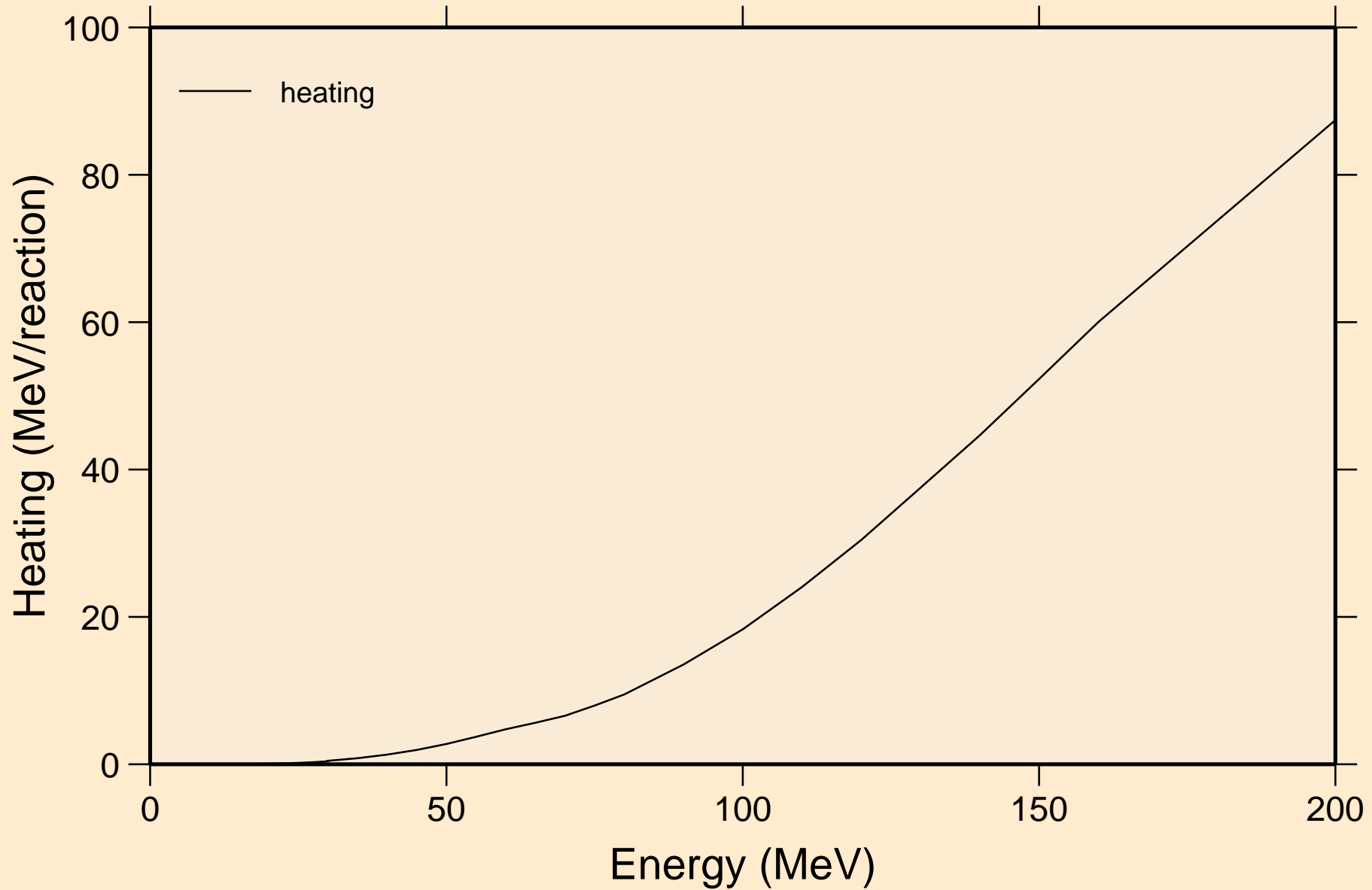
# Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



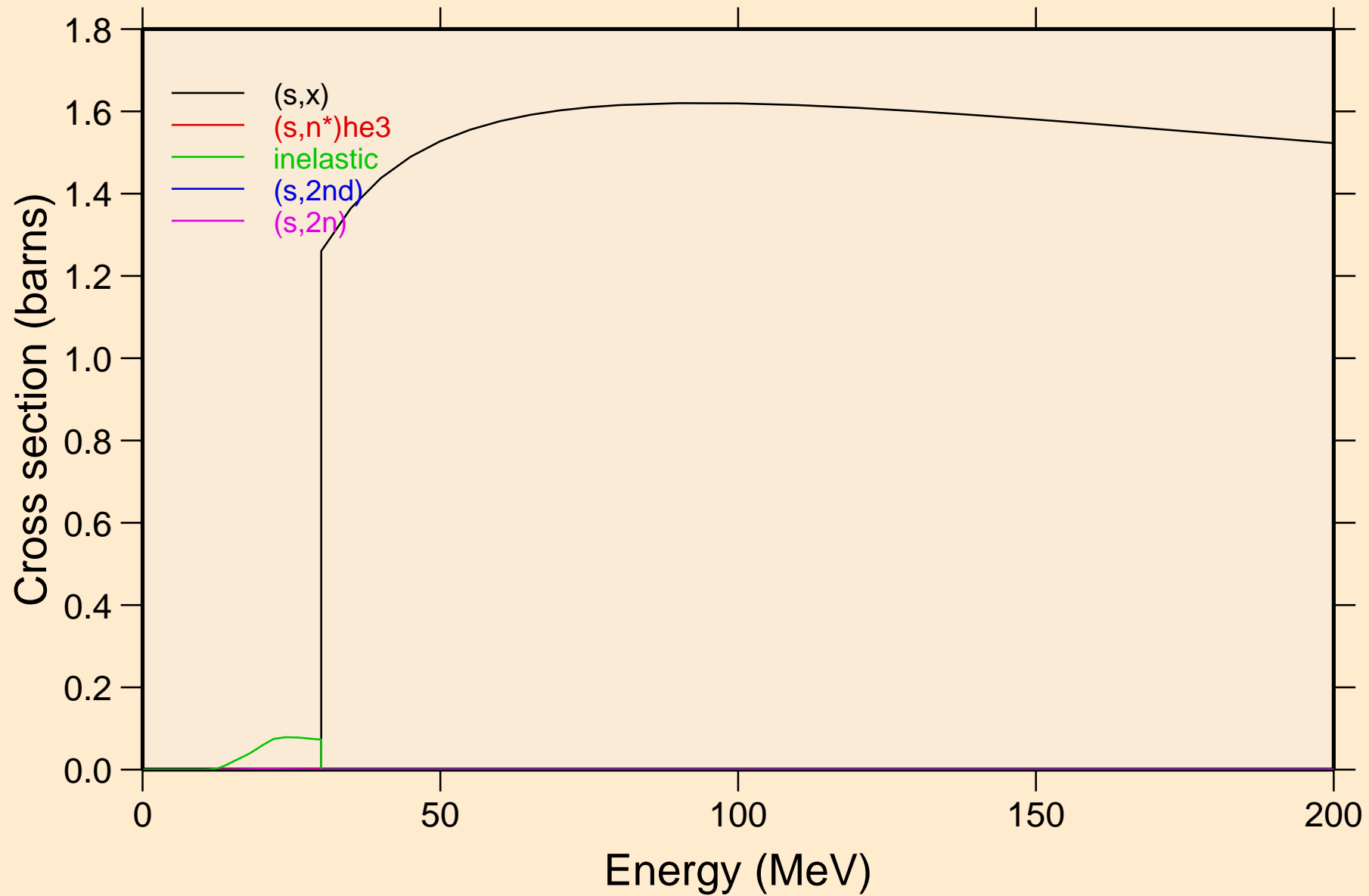
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating

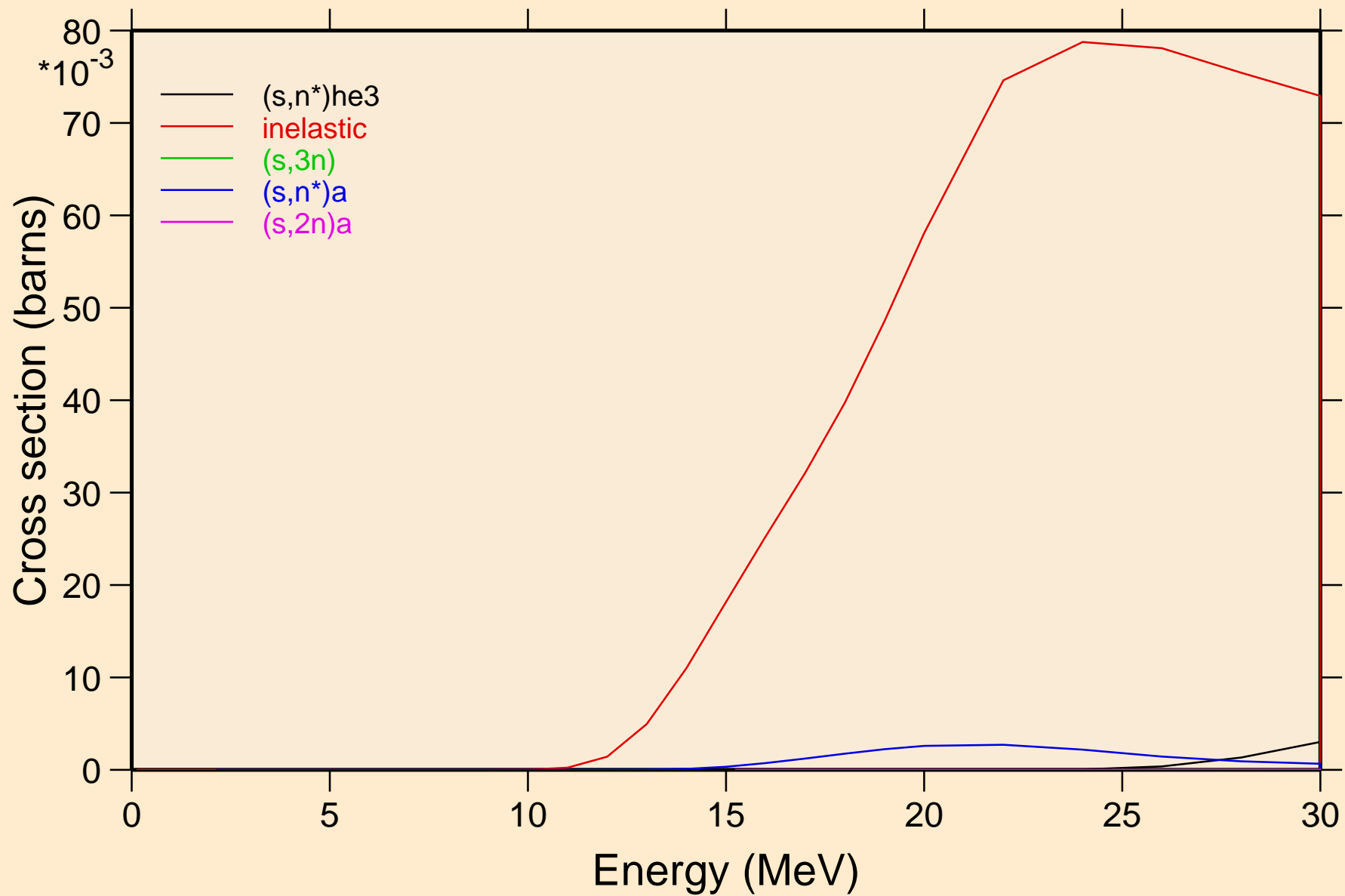


# Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K

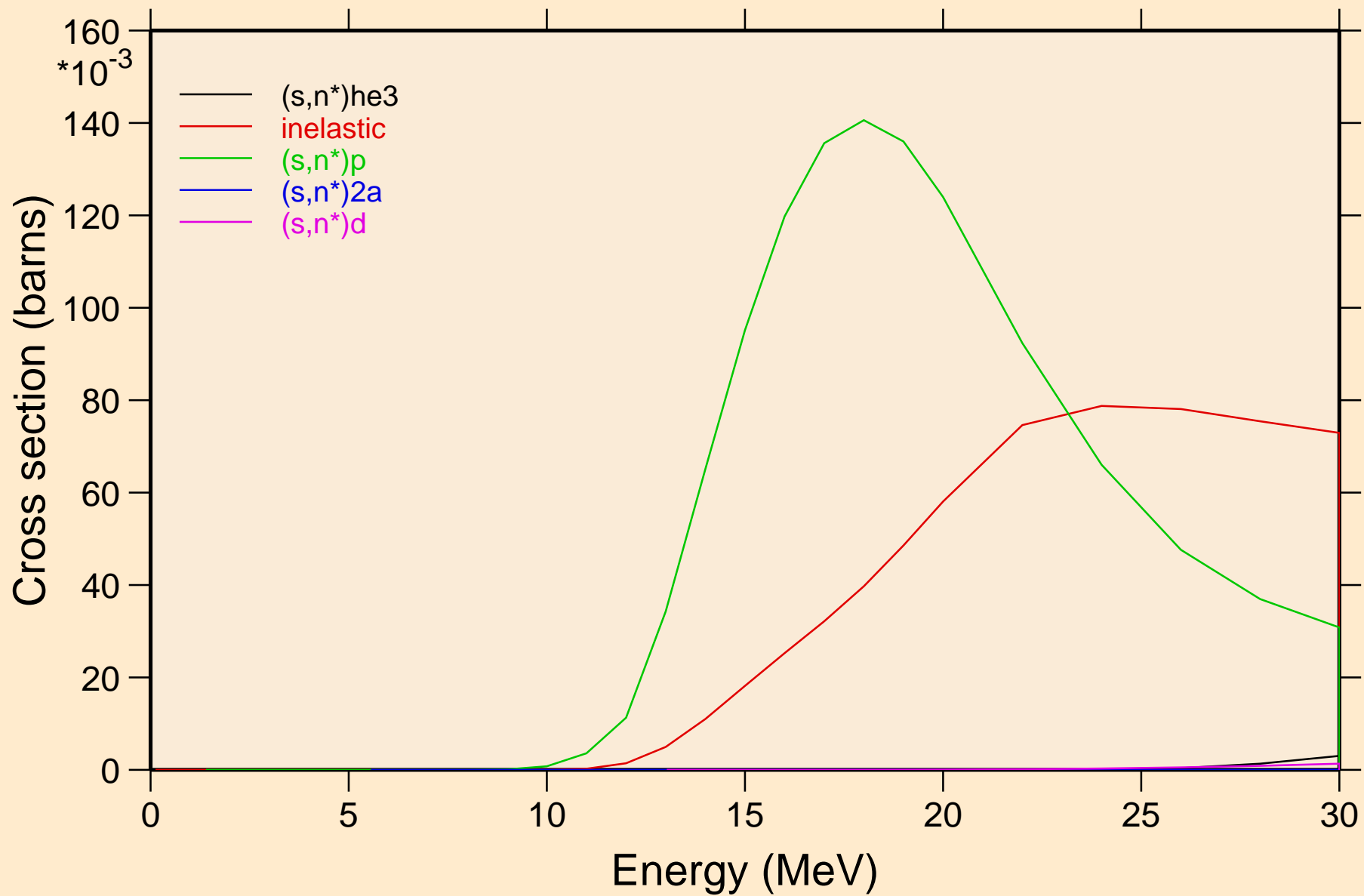
## Threshold reactions



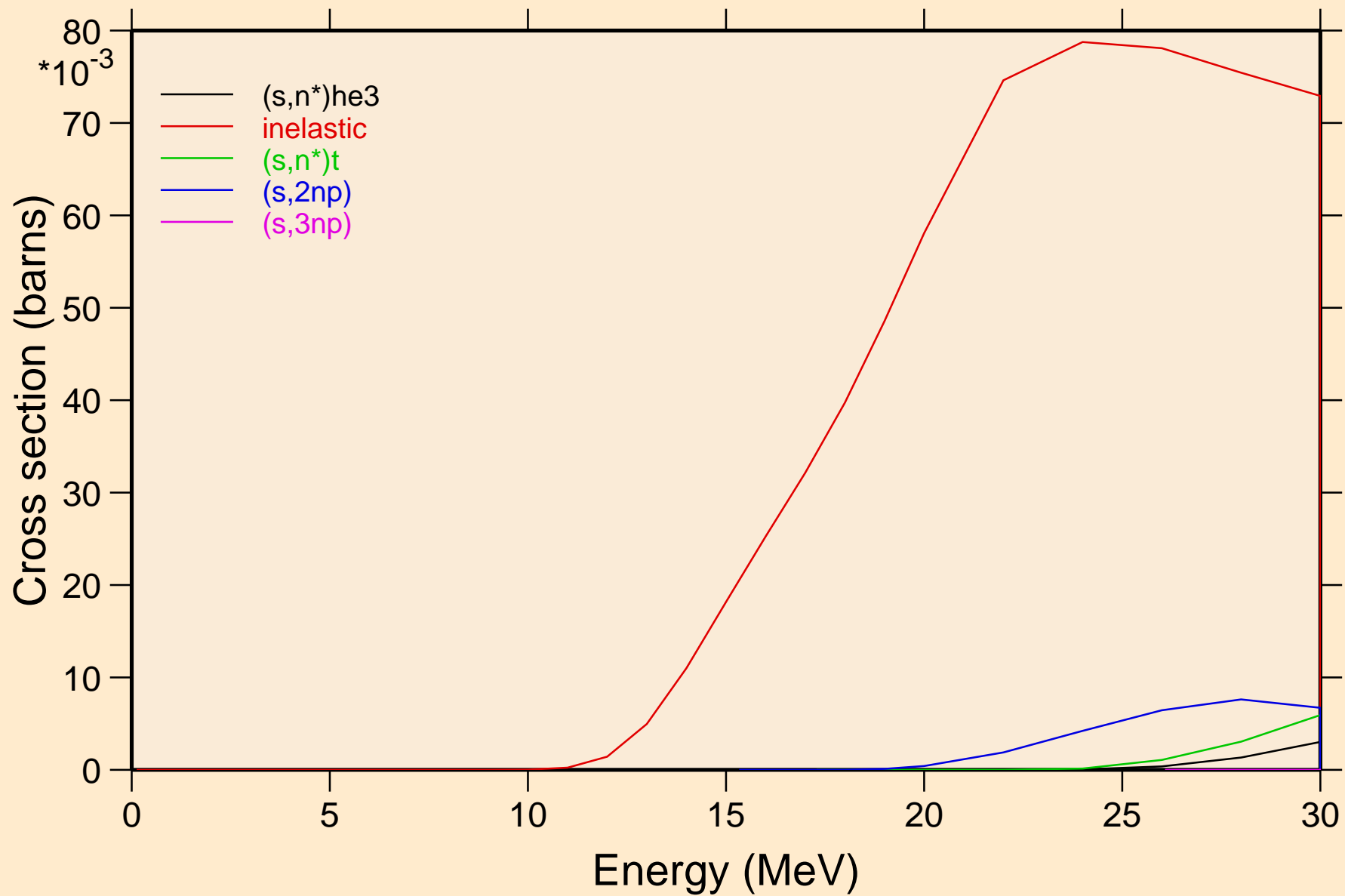
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

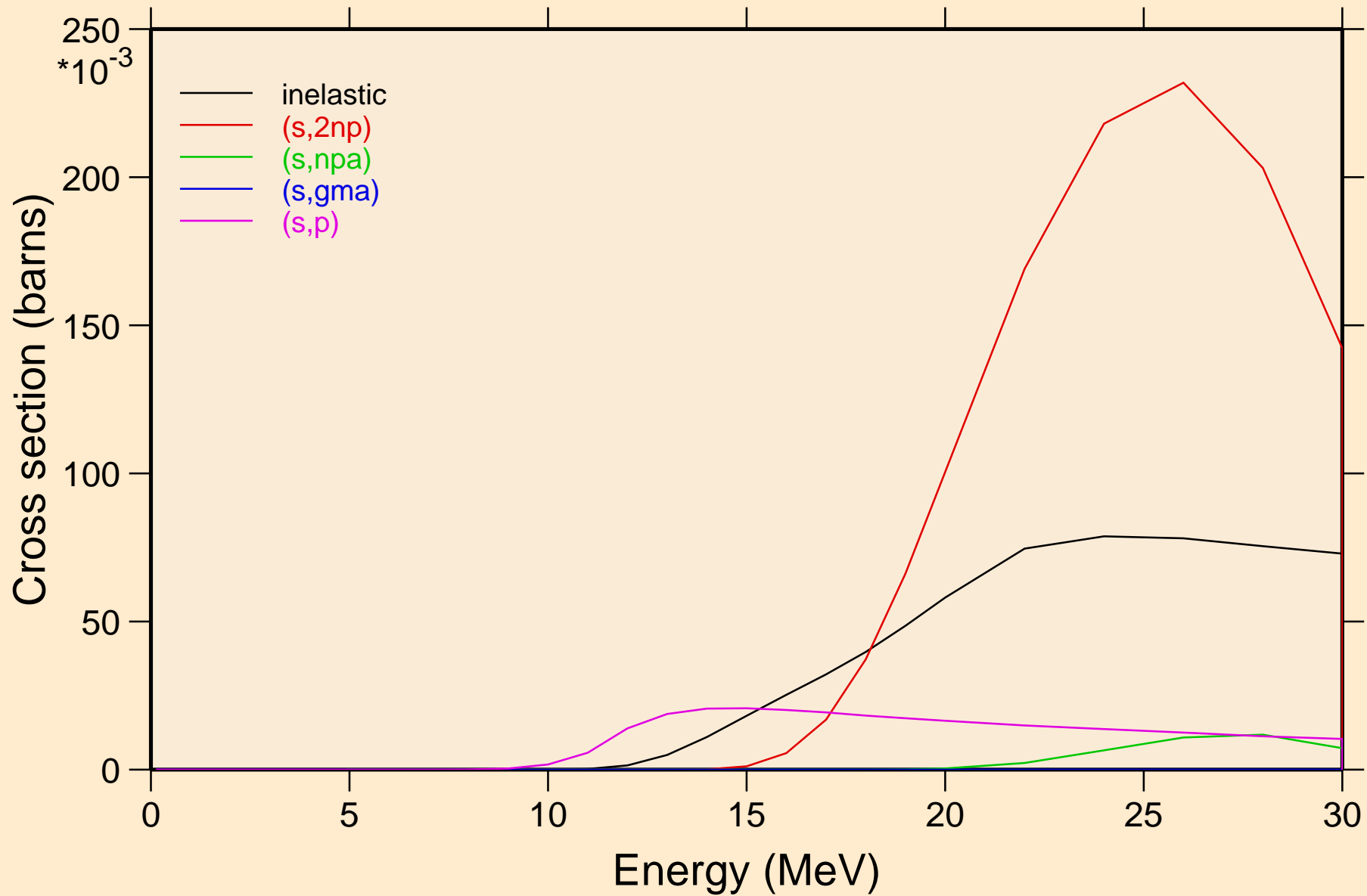


Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

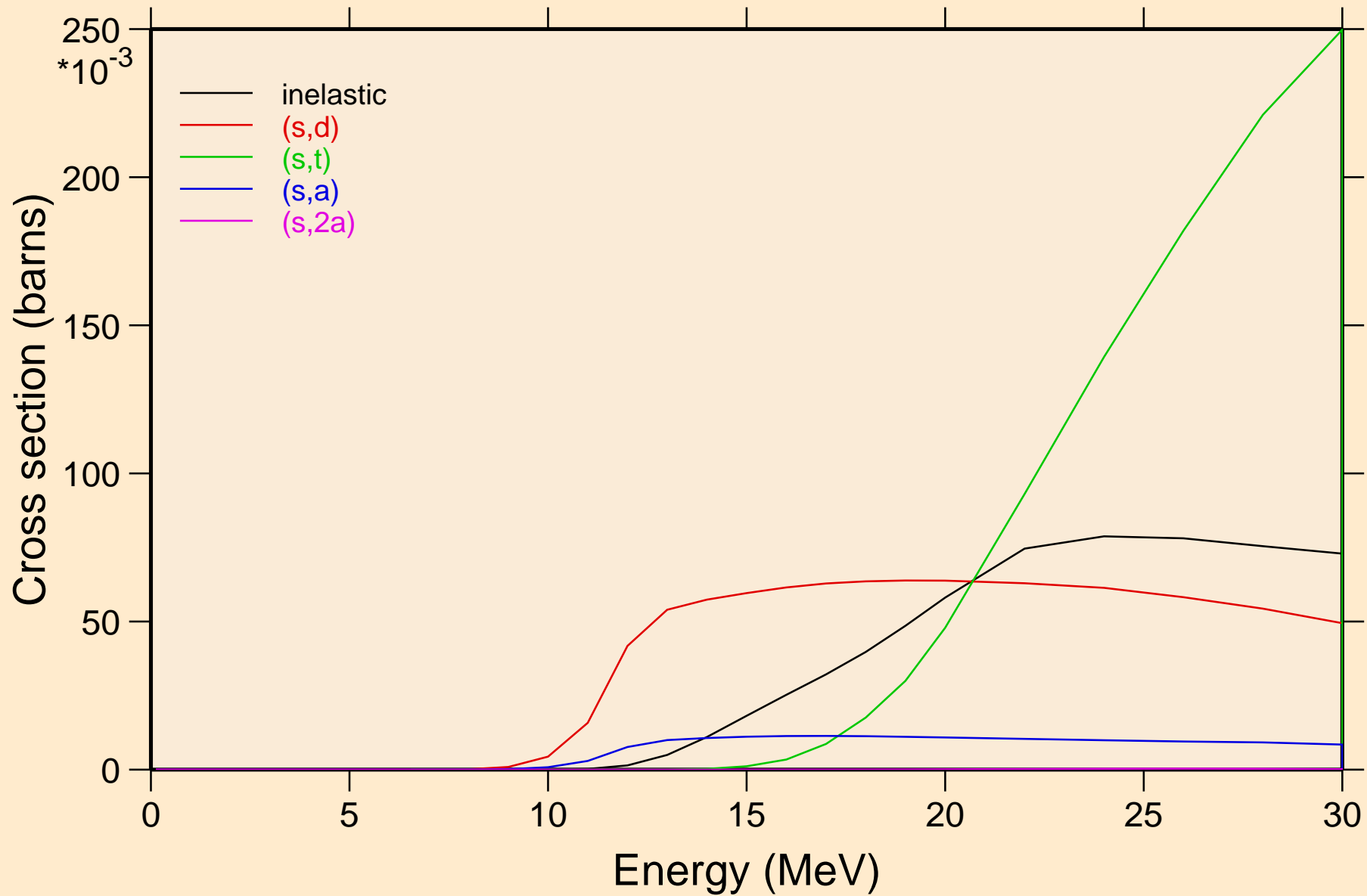




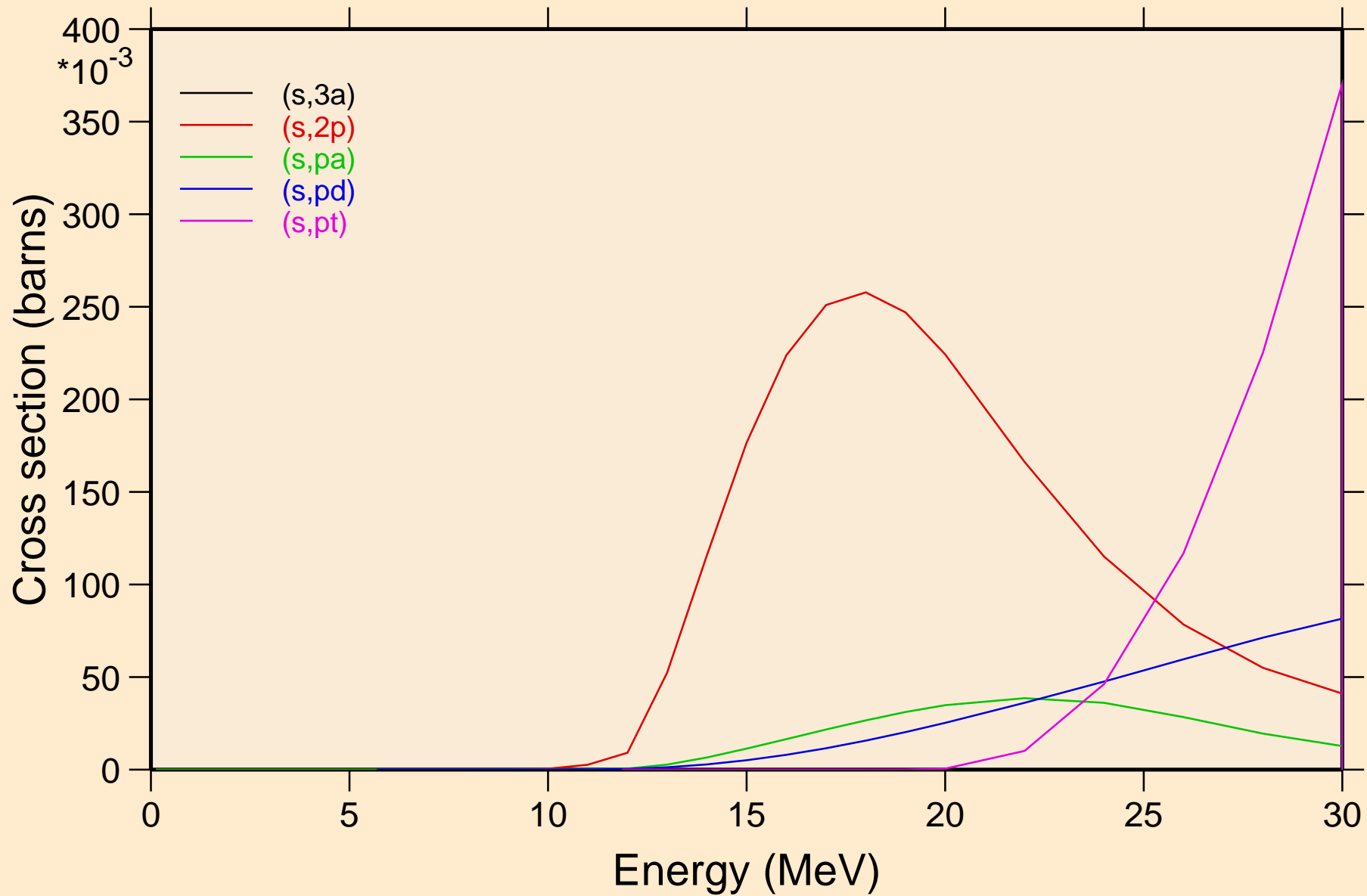
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



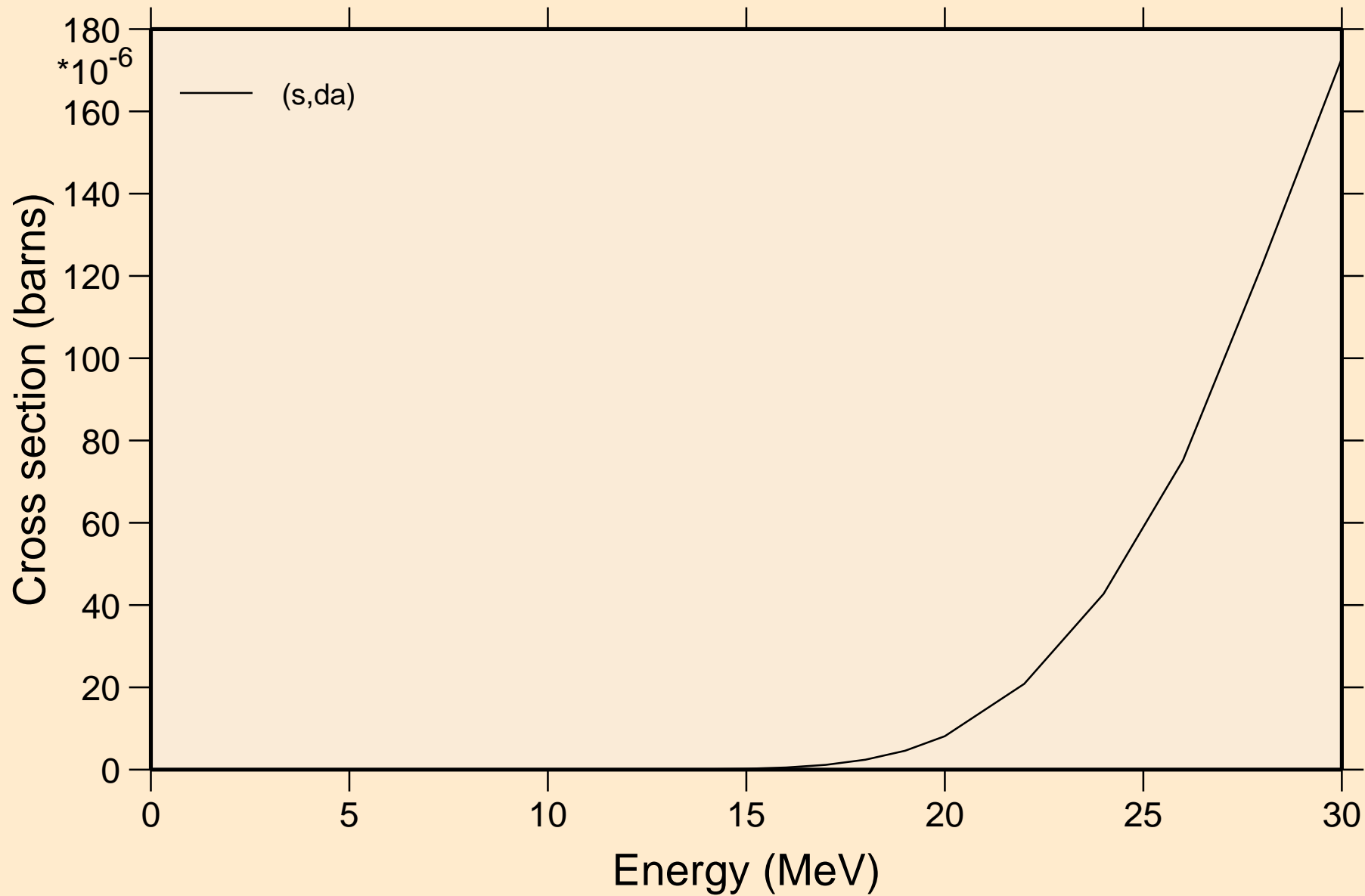
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



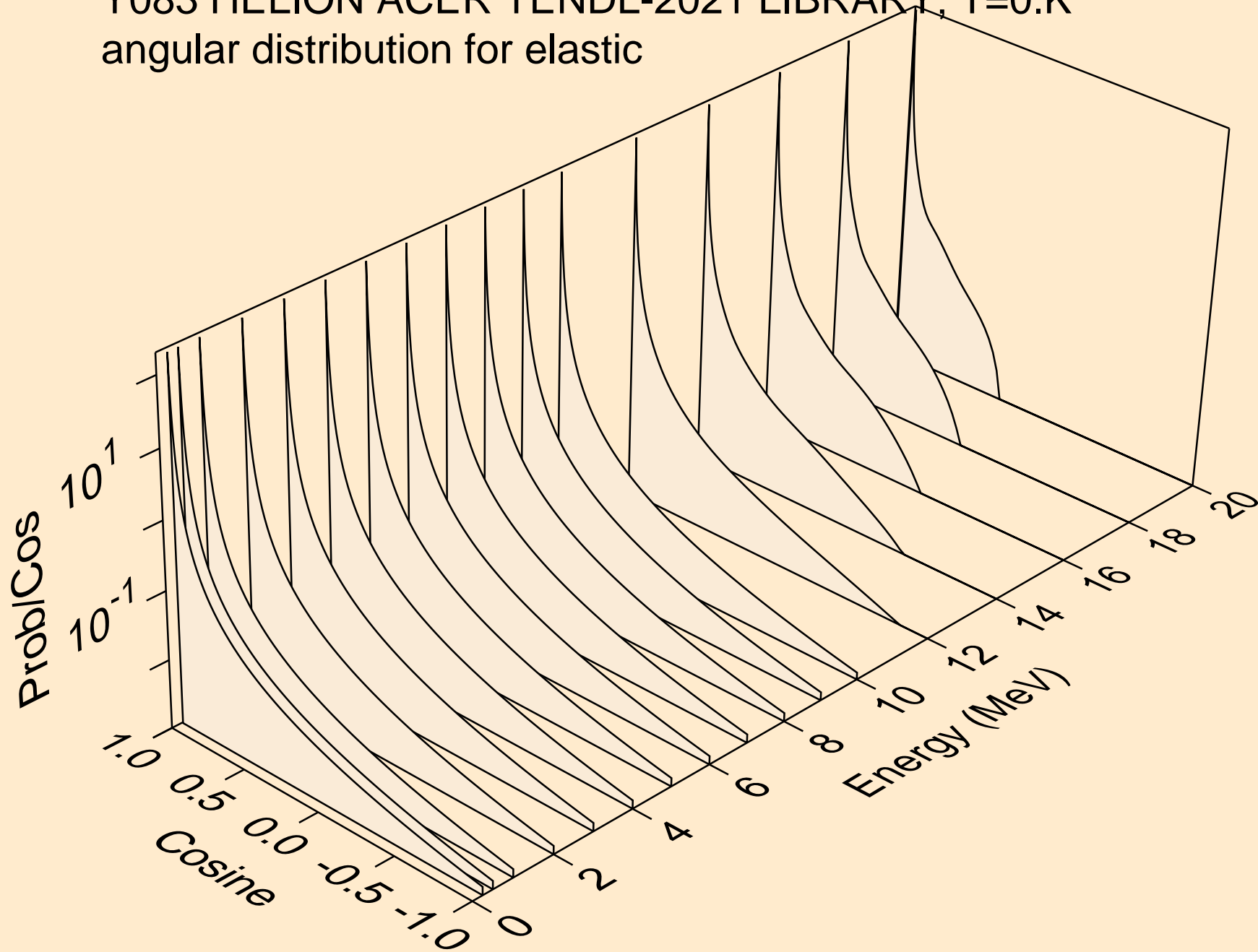
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



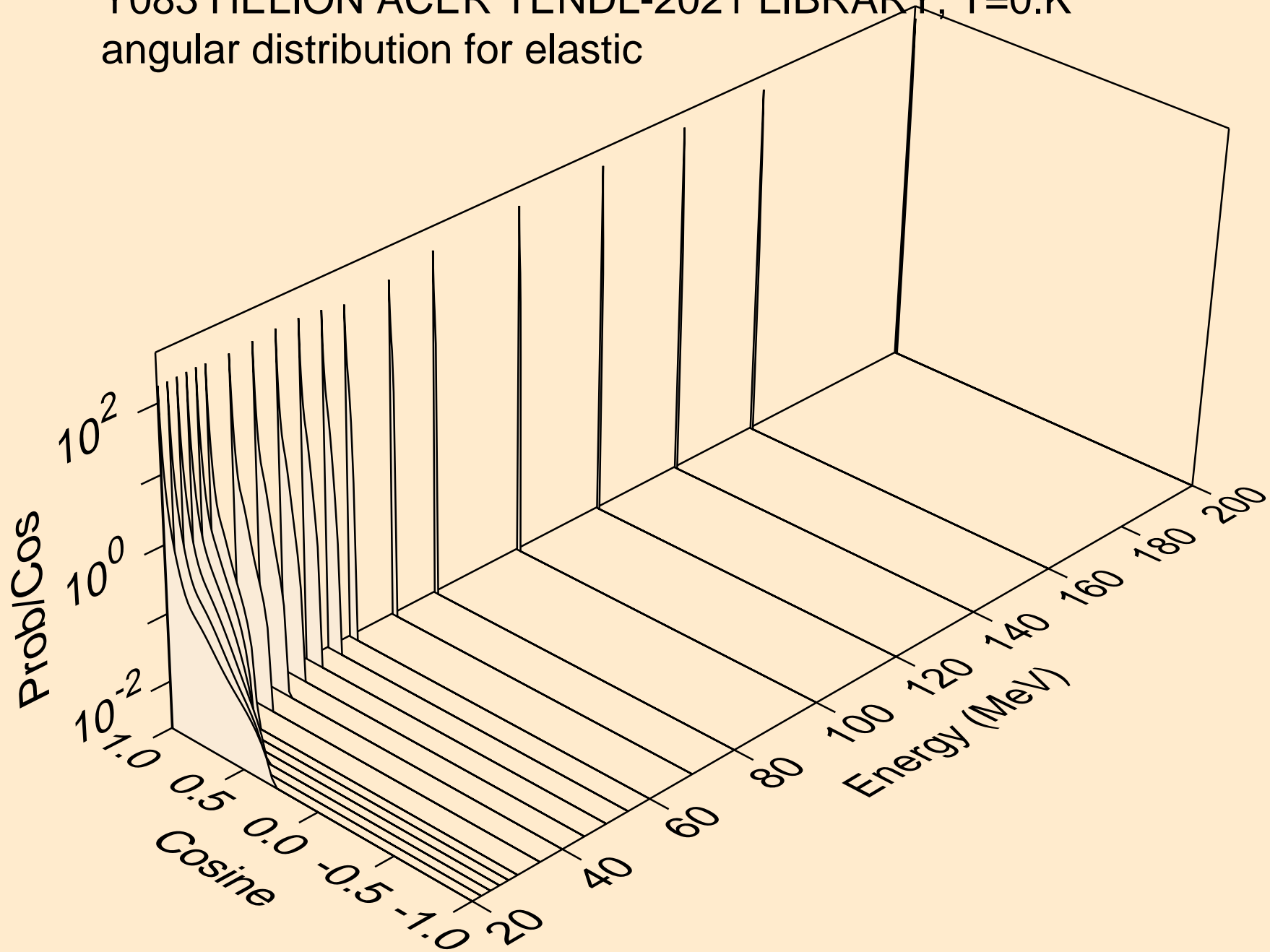
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



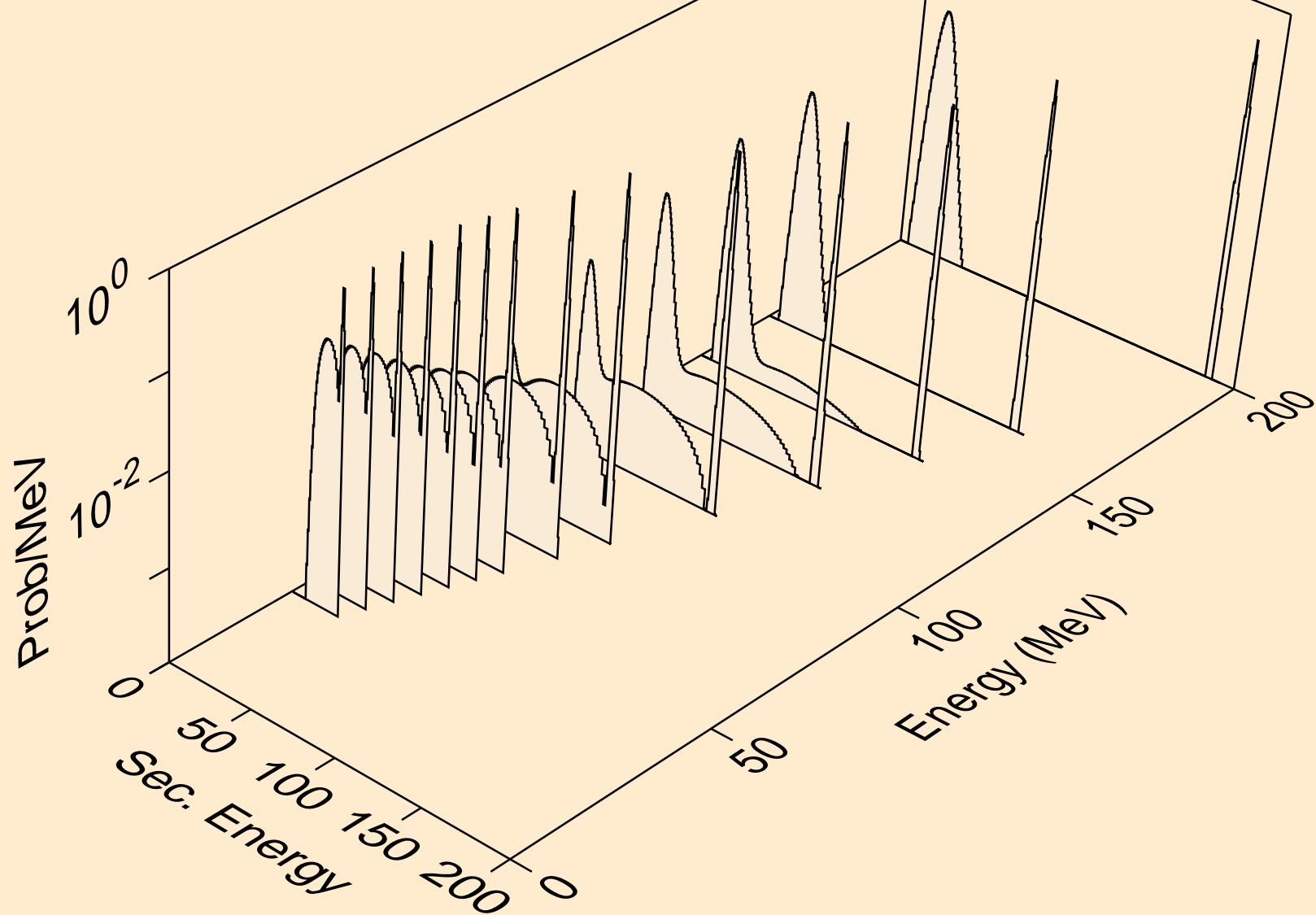
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



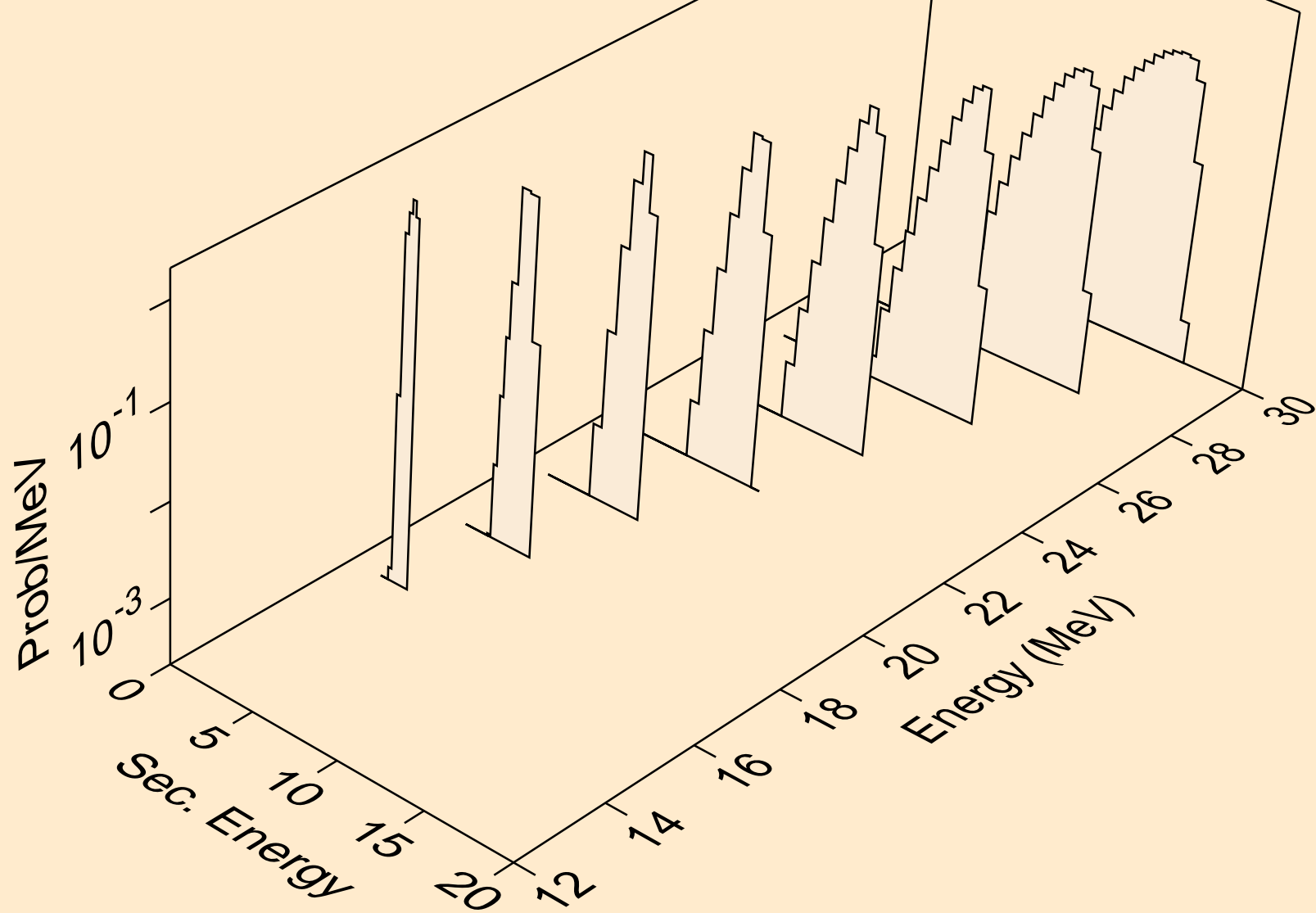
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

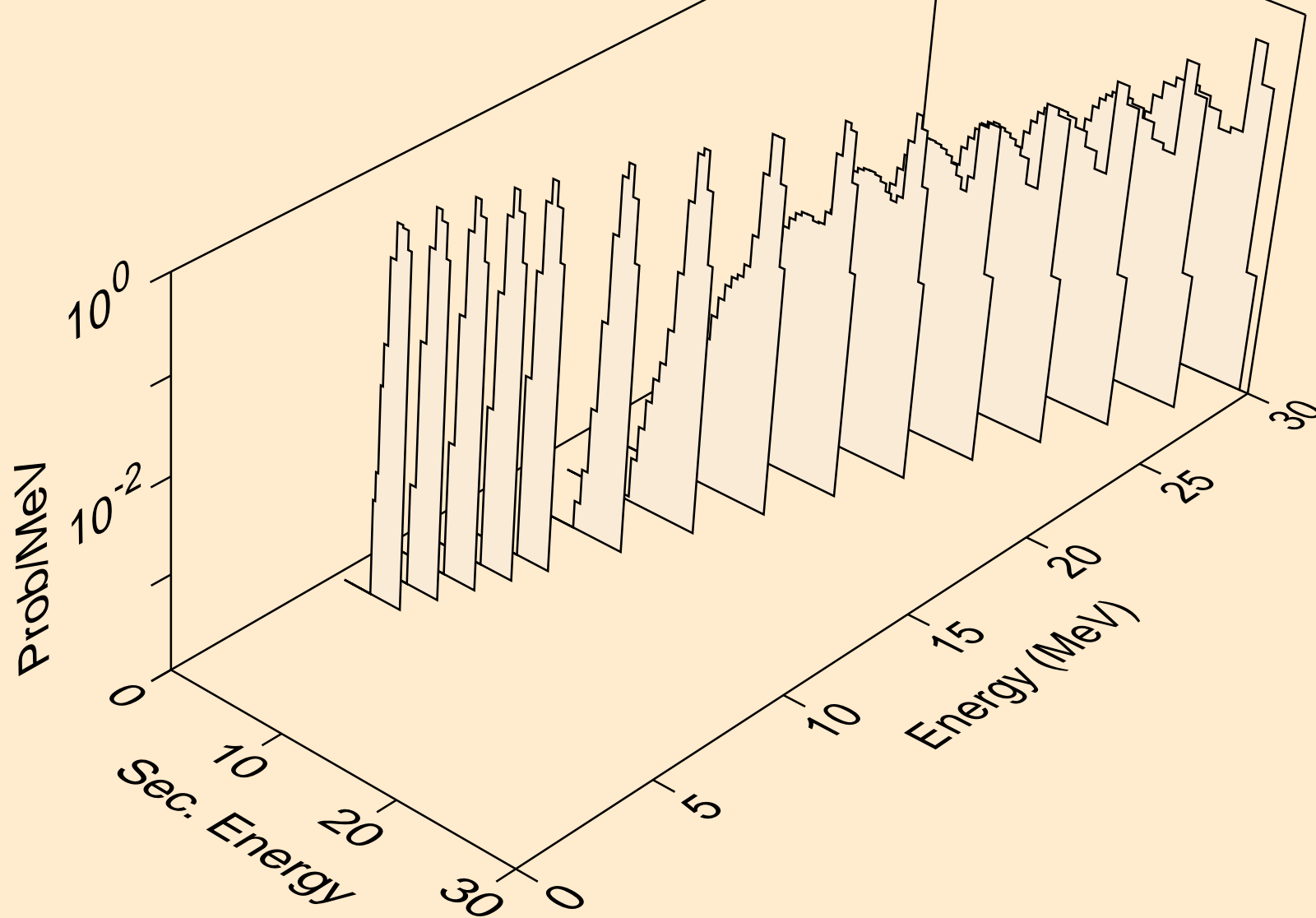


Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

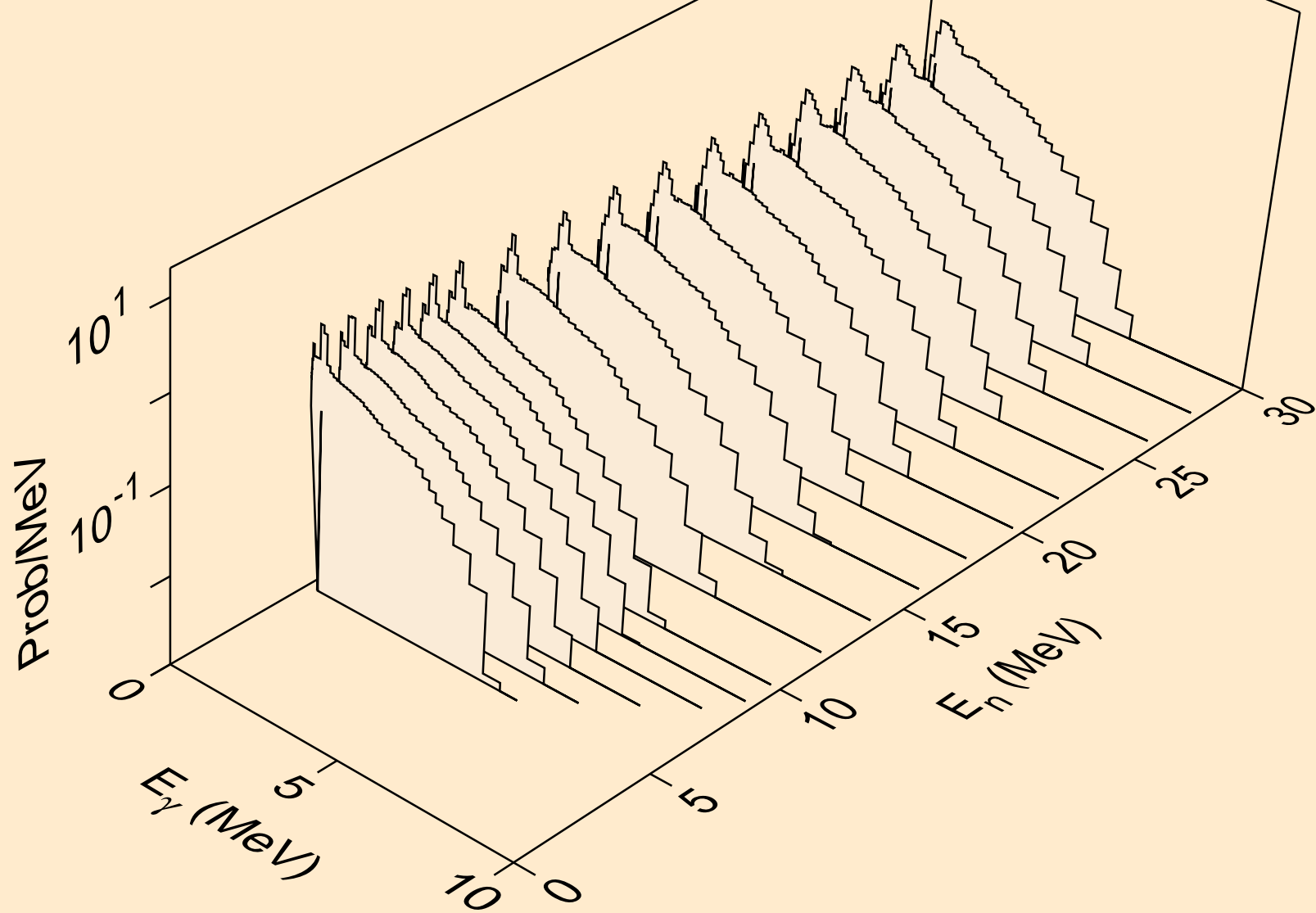




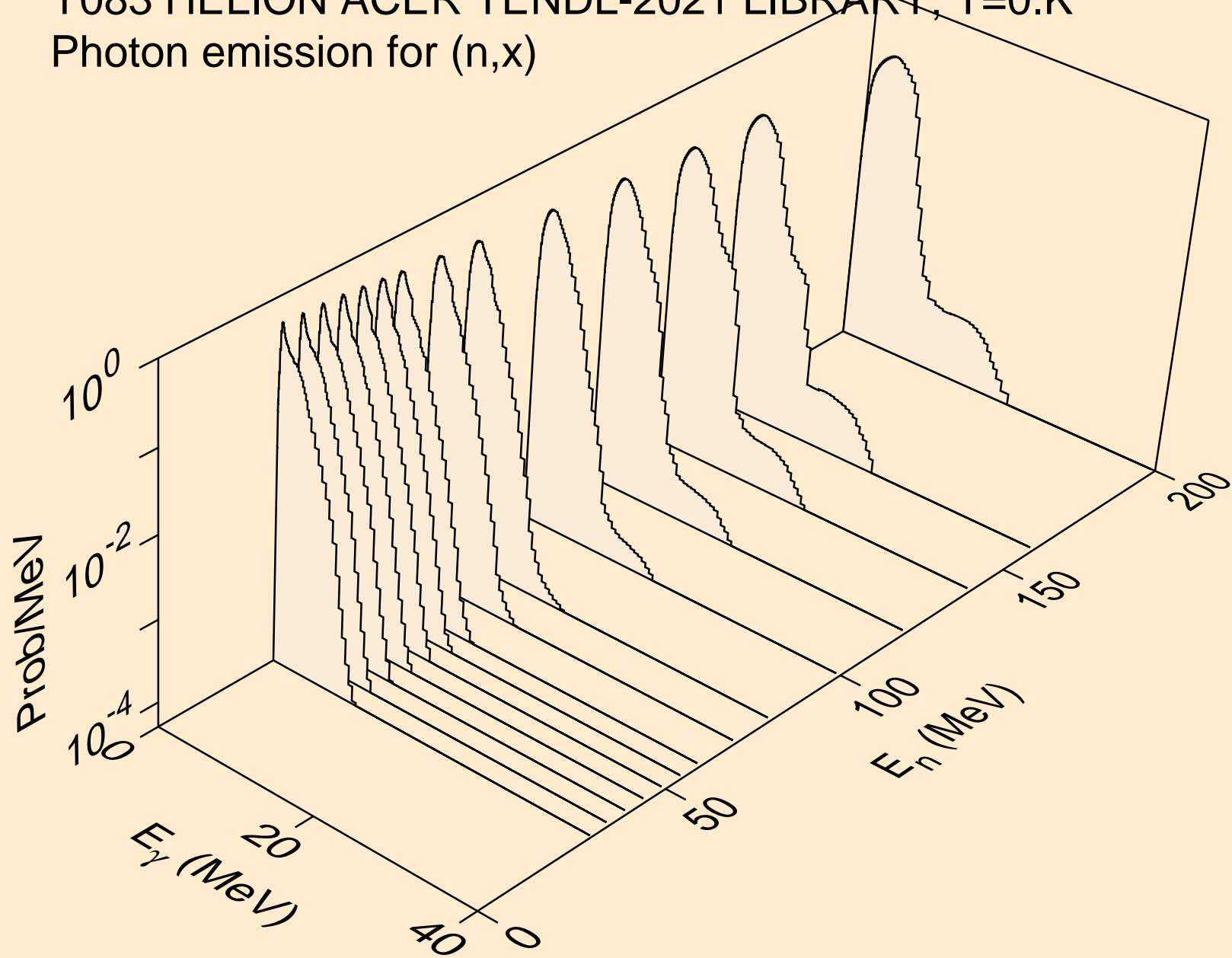
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



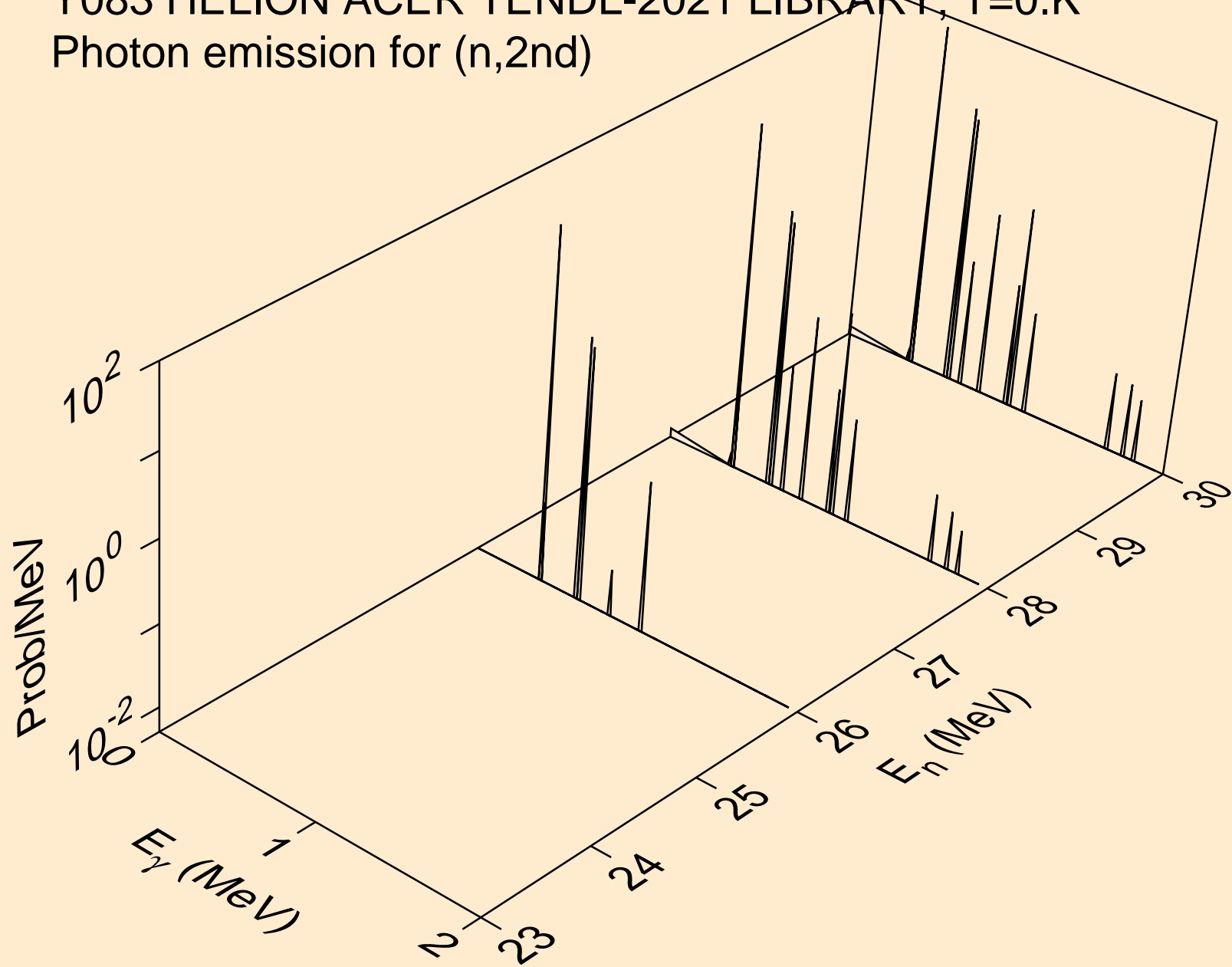
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



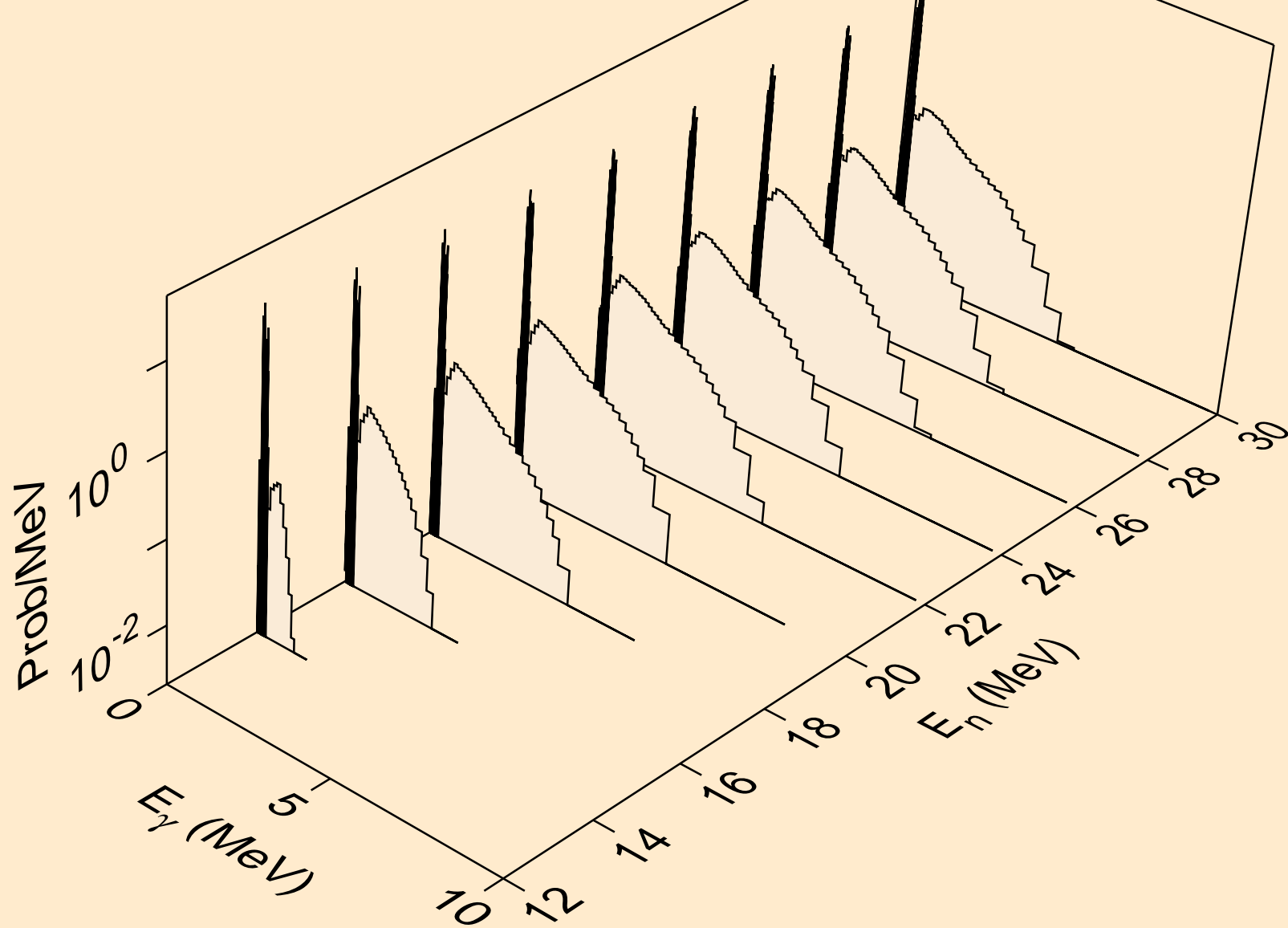
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



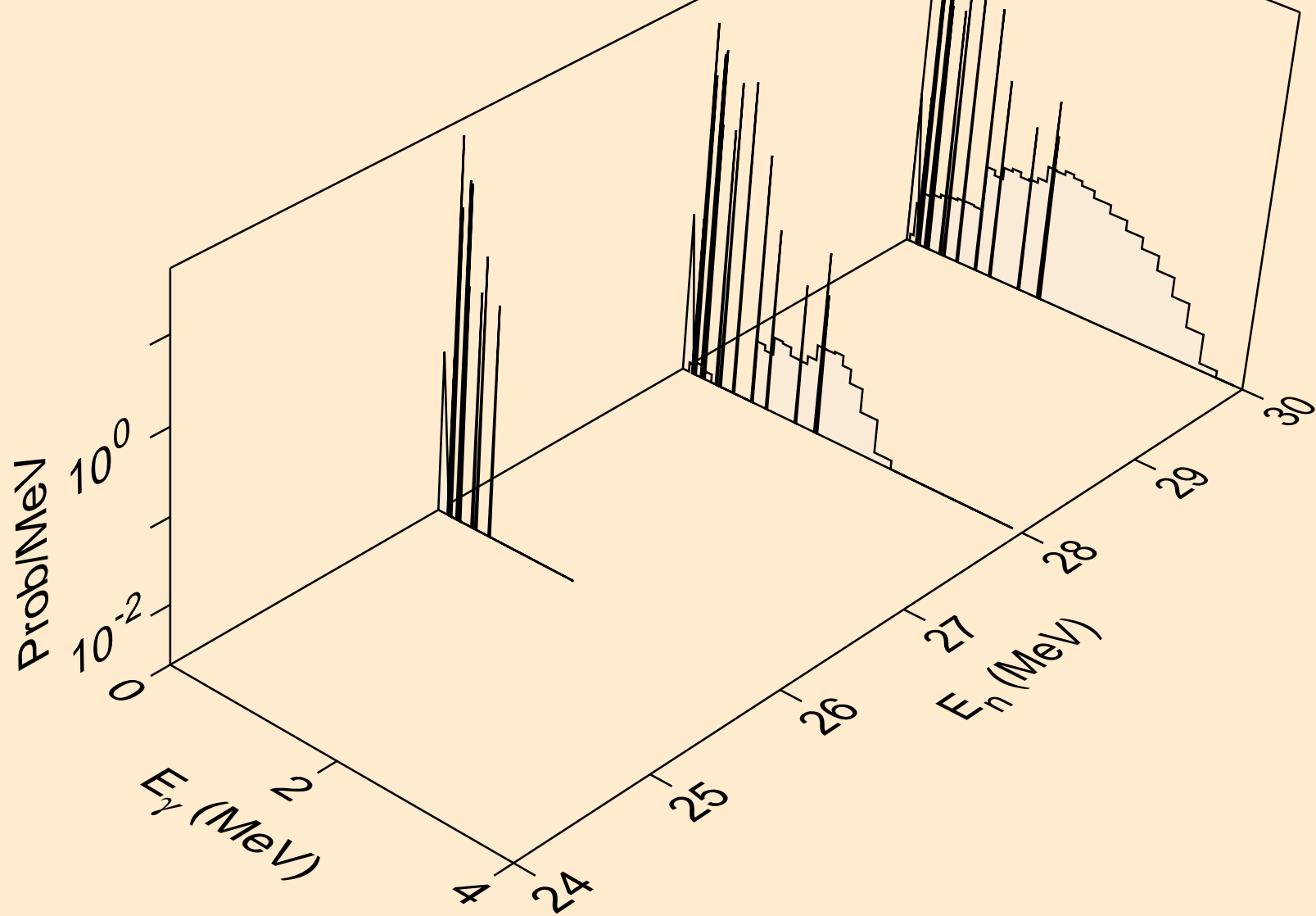
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



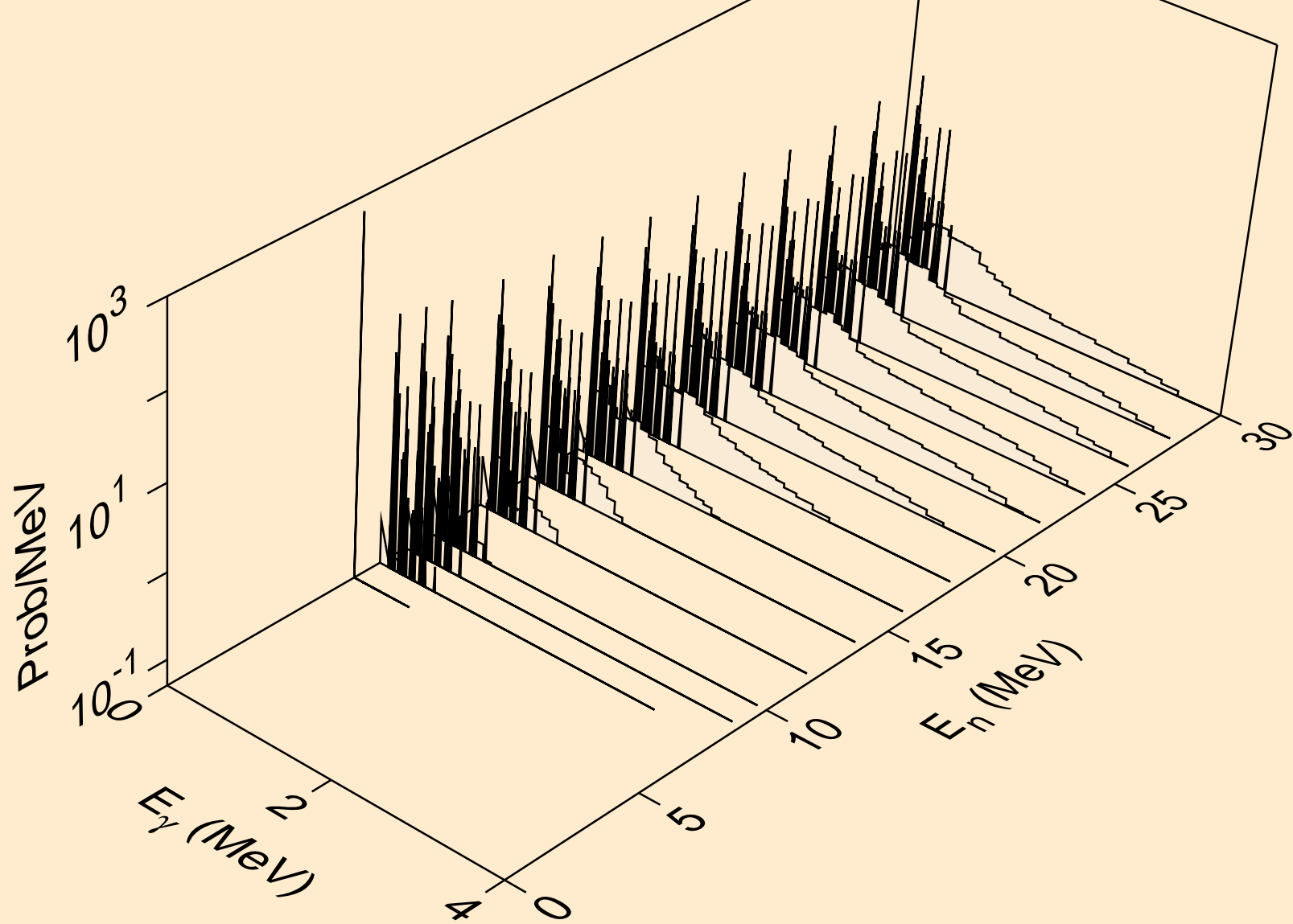
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



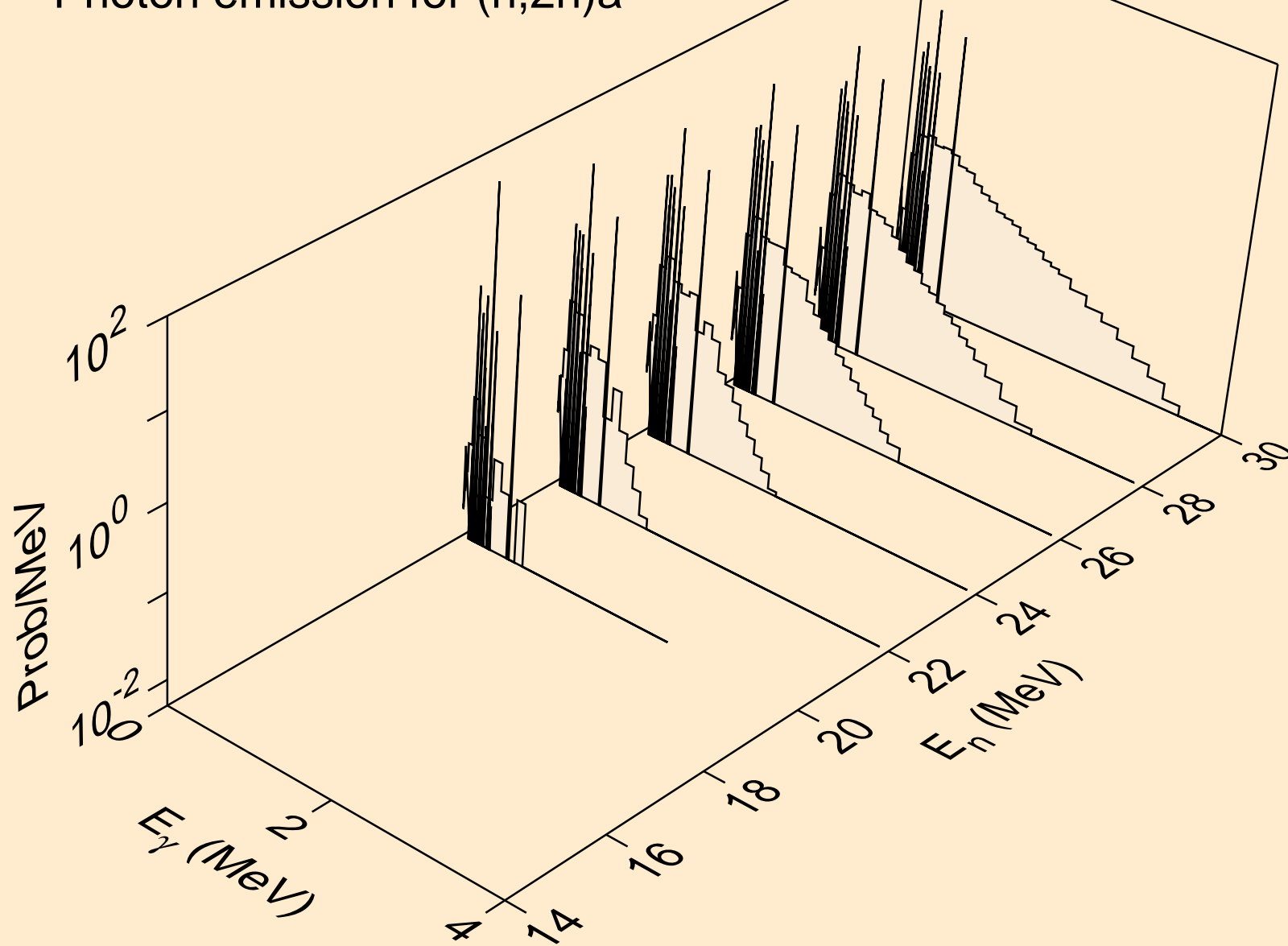
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

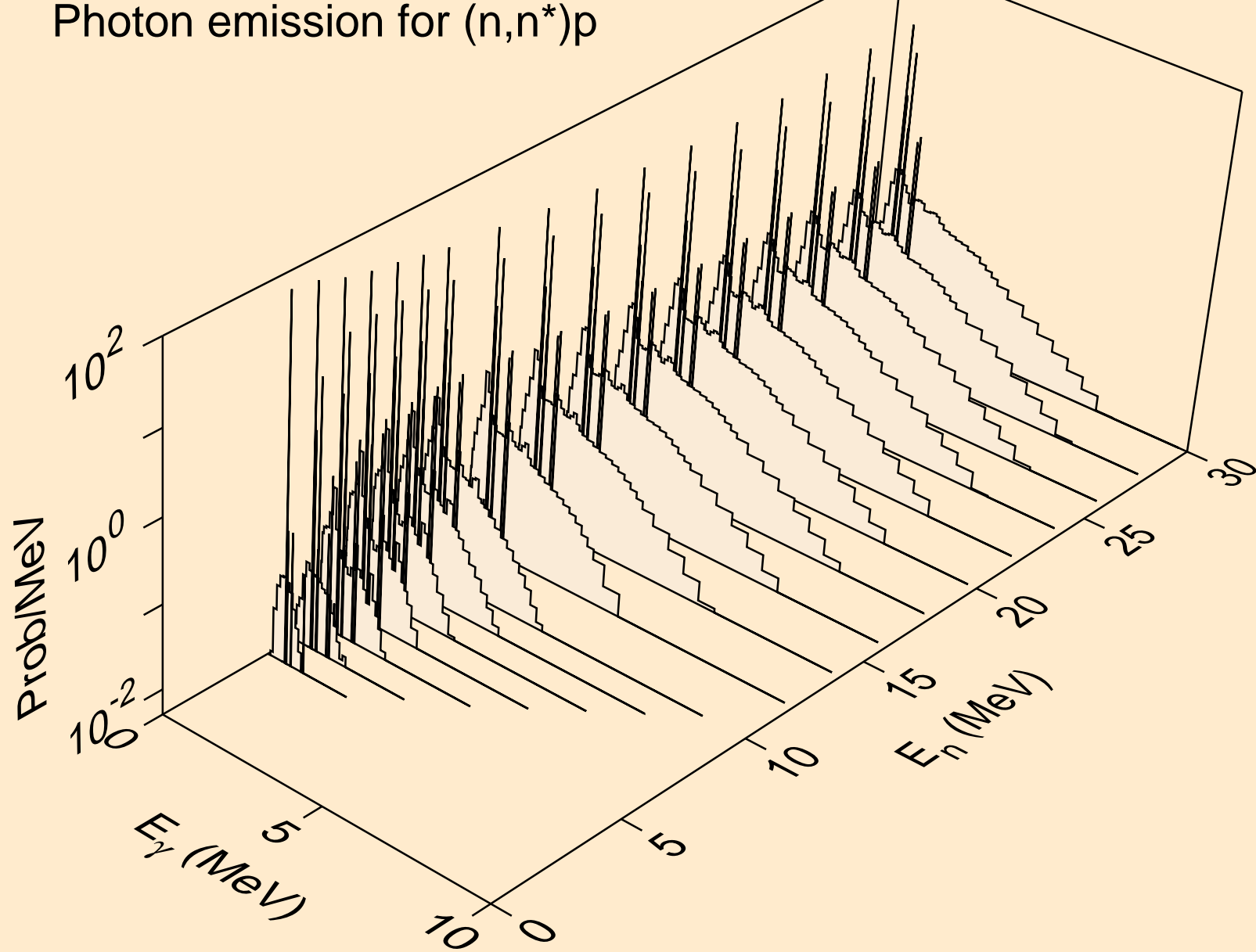


Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

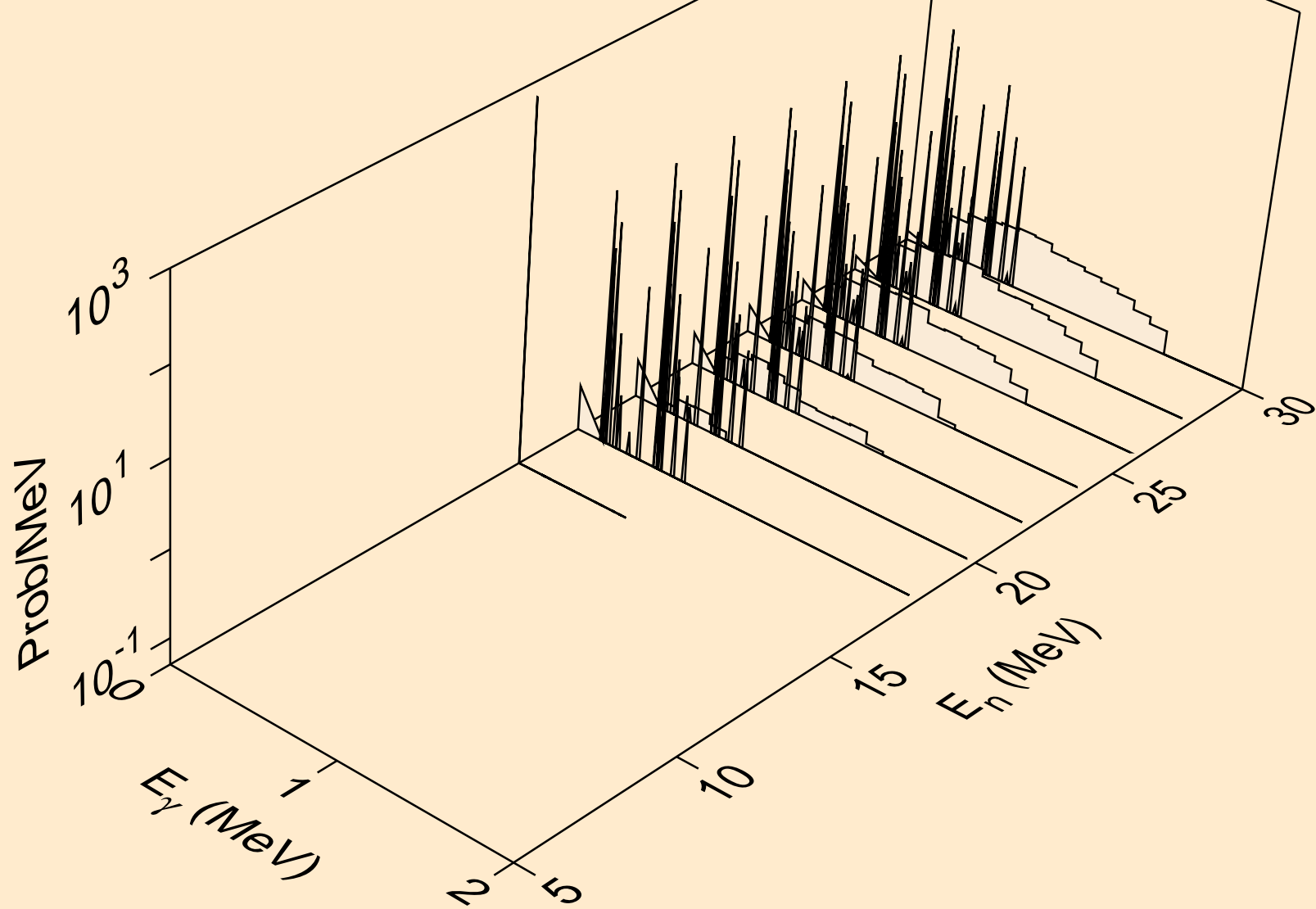




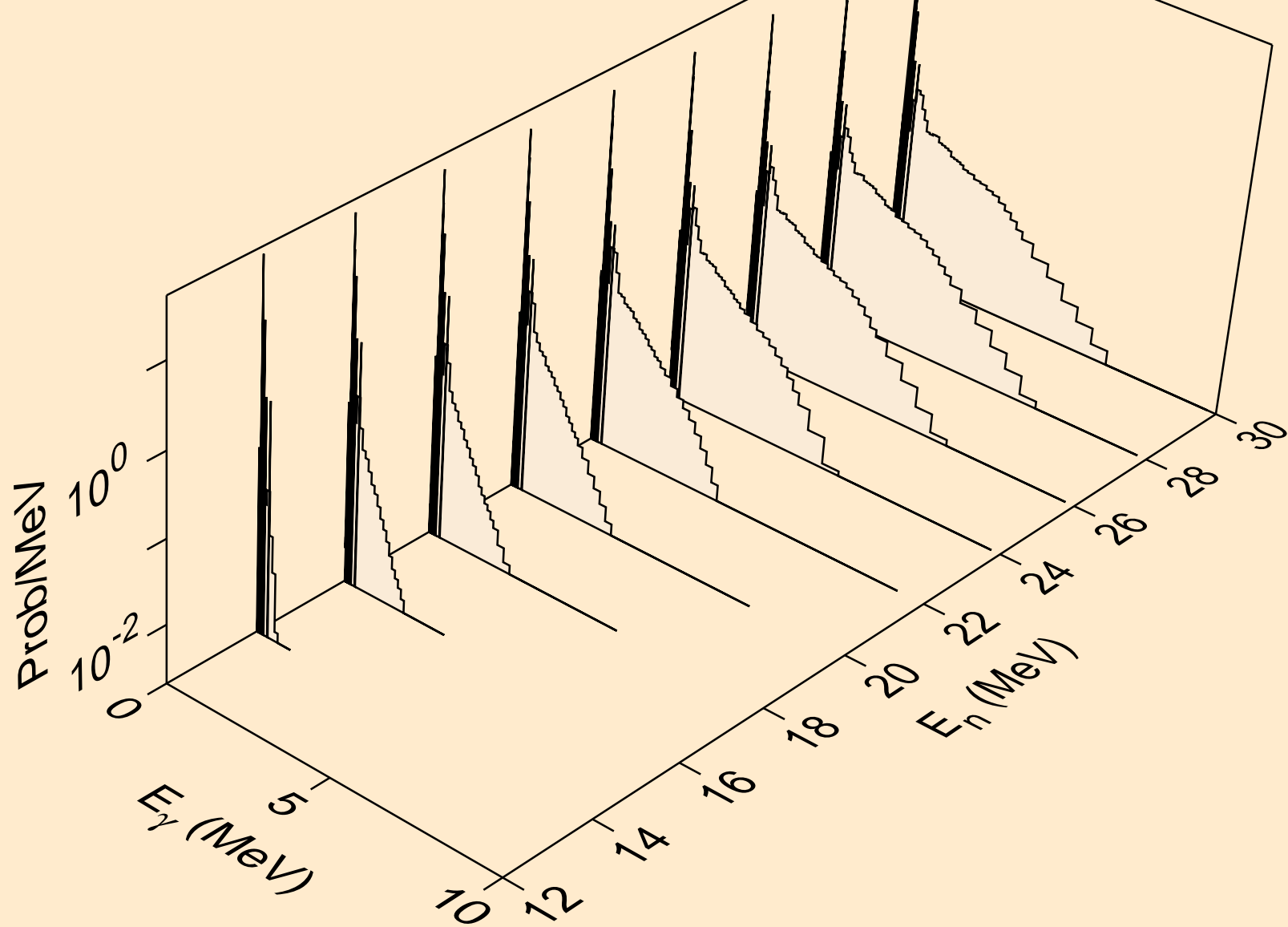
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



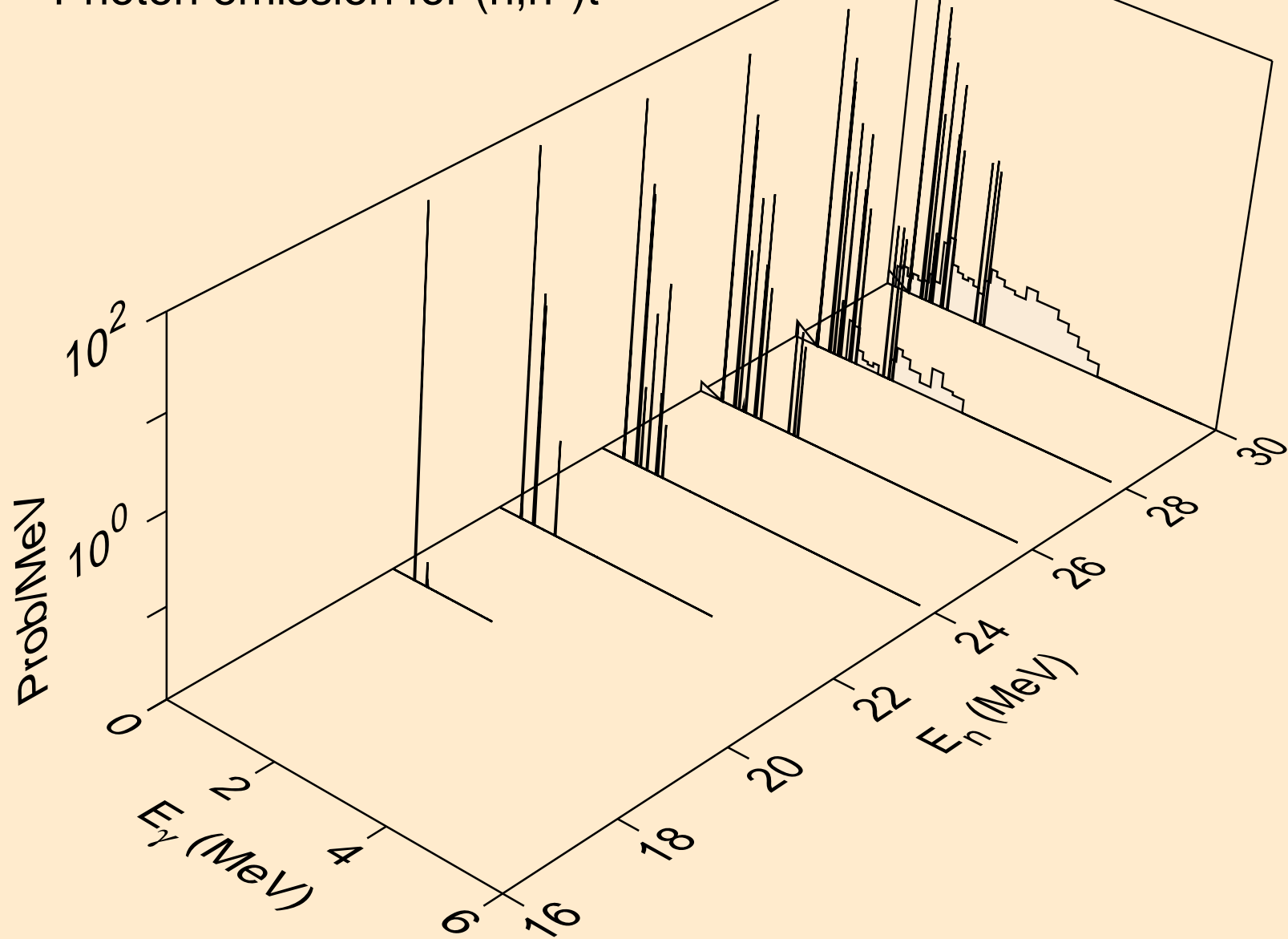
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



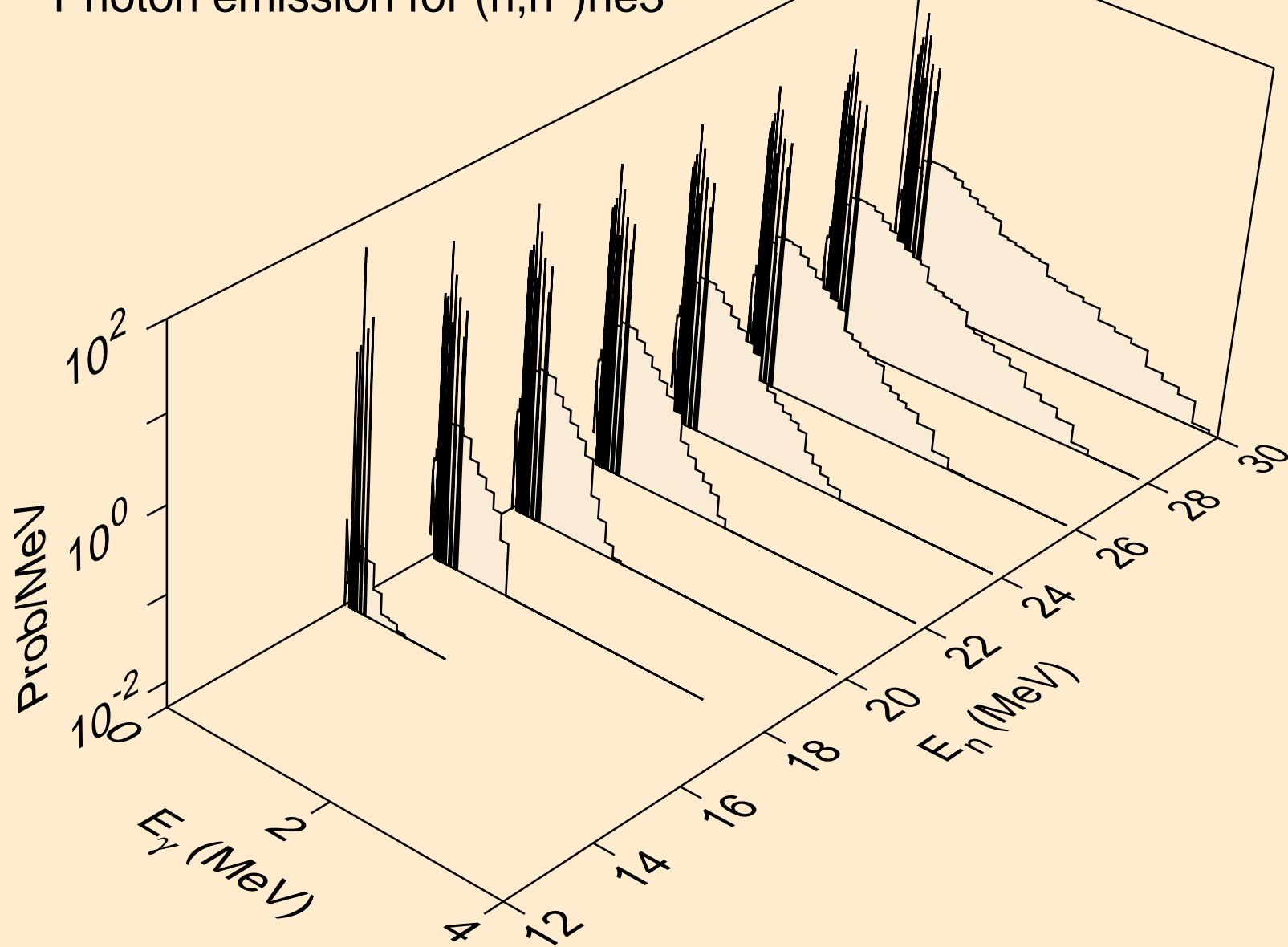
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



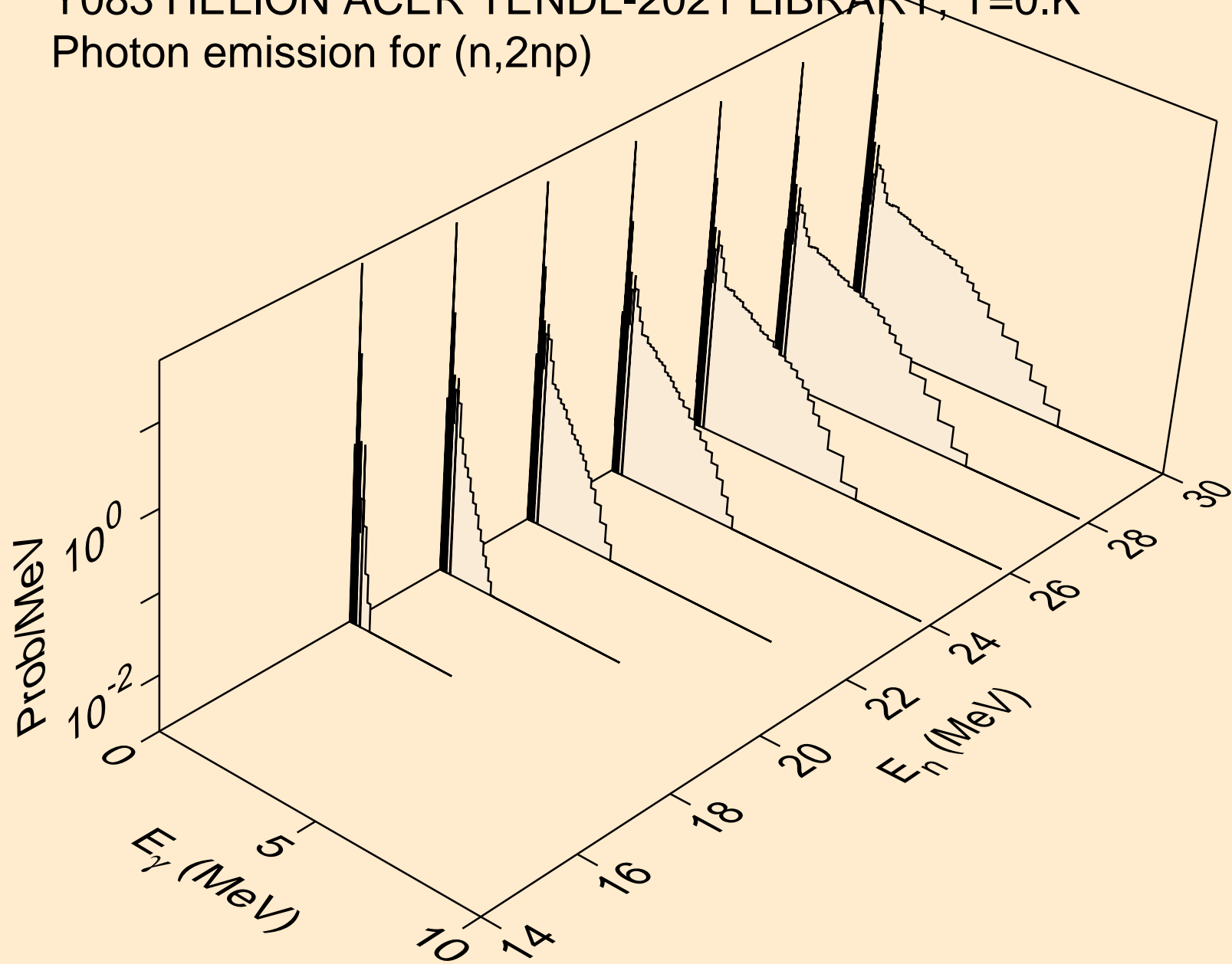
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



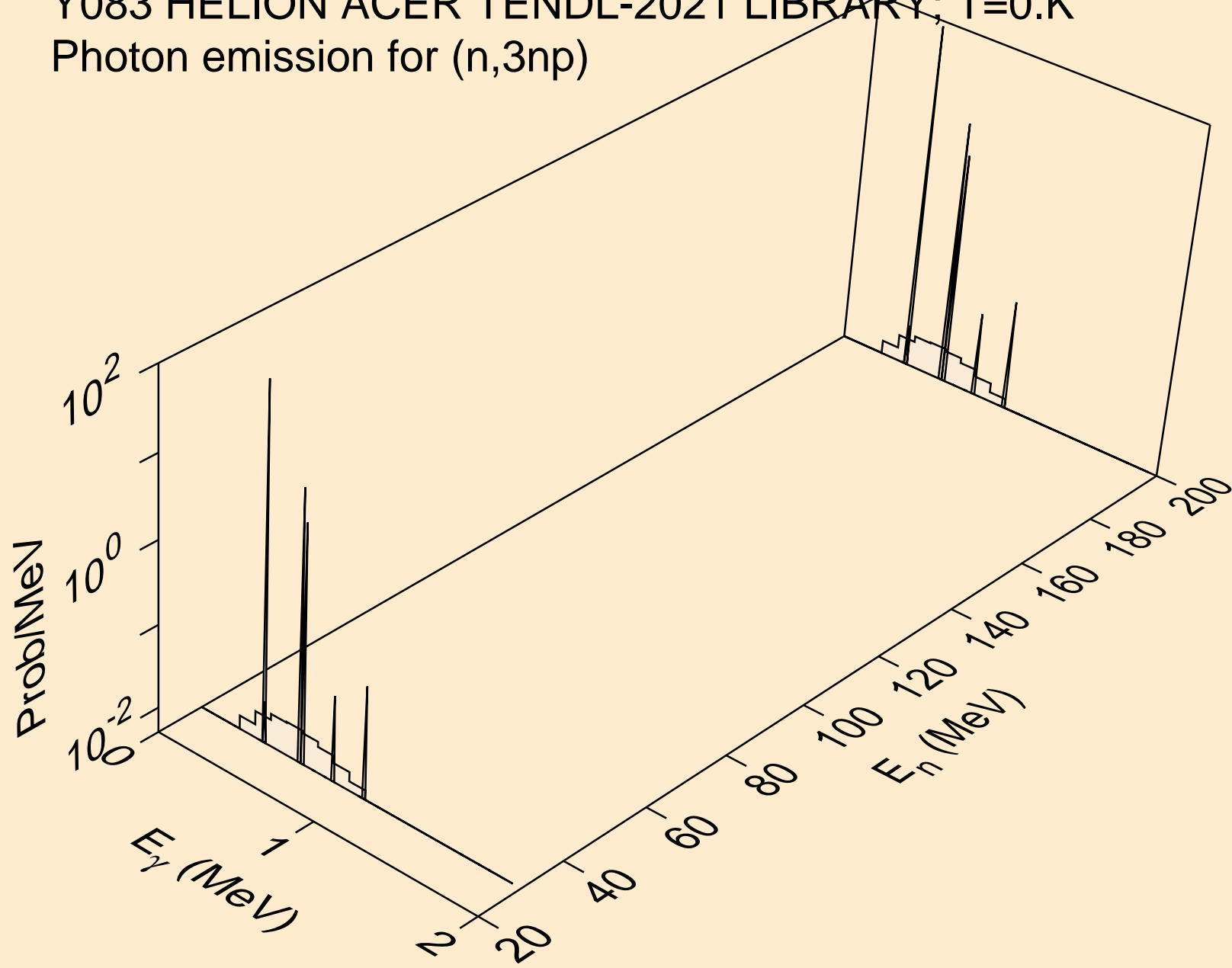
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



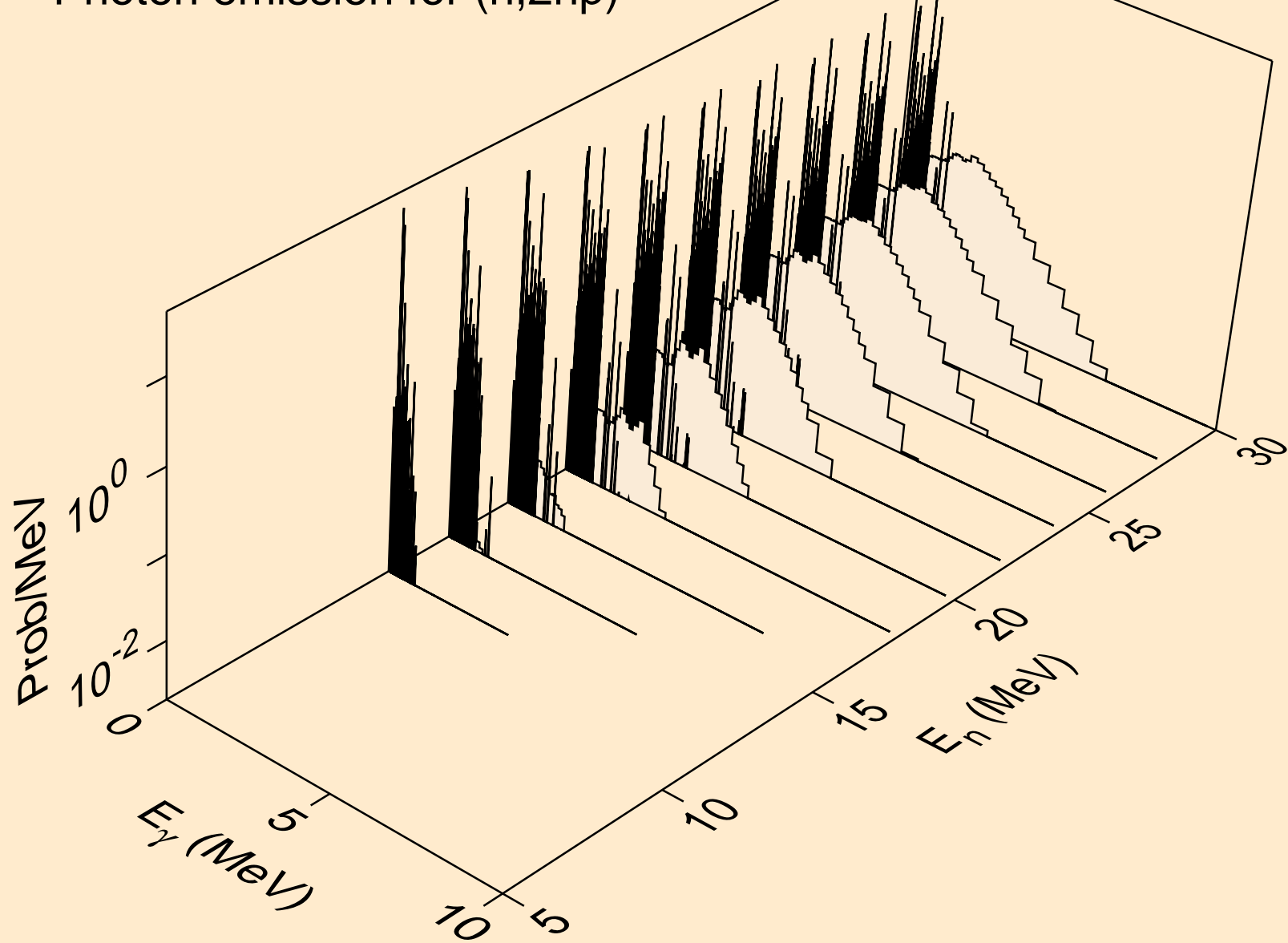
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

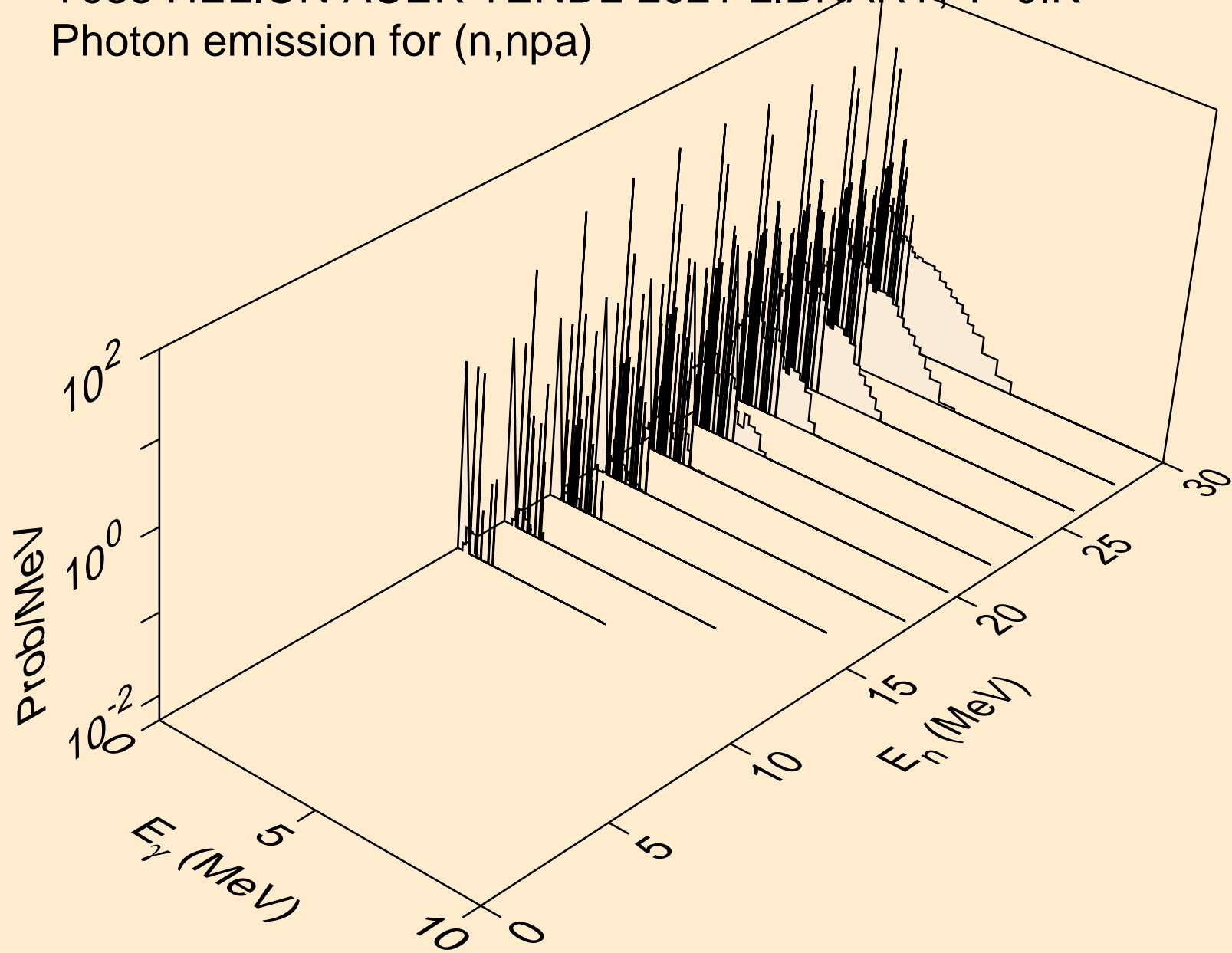


Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

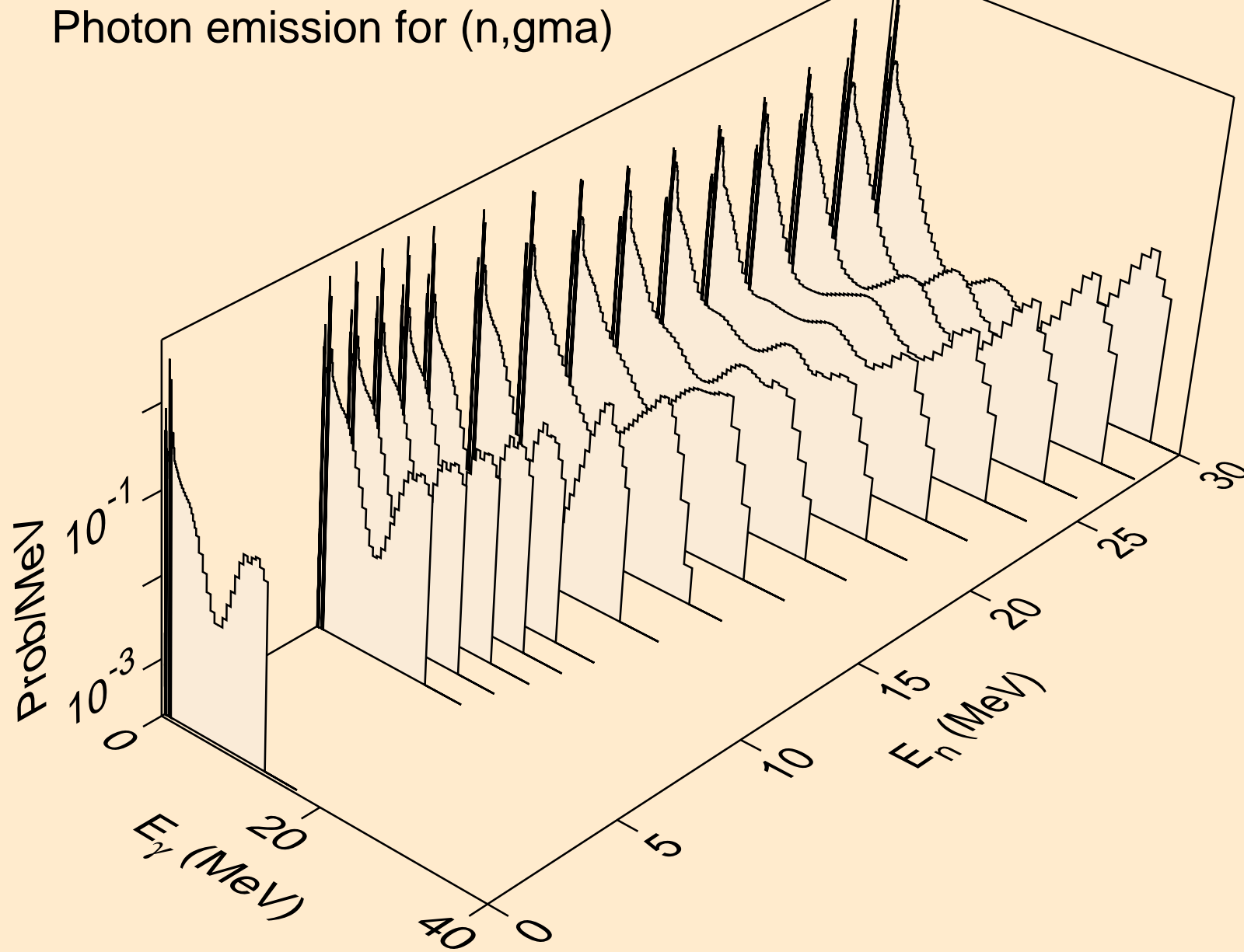




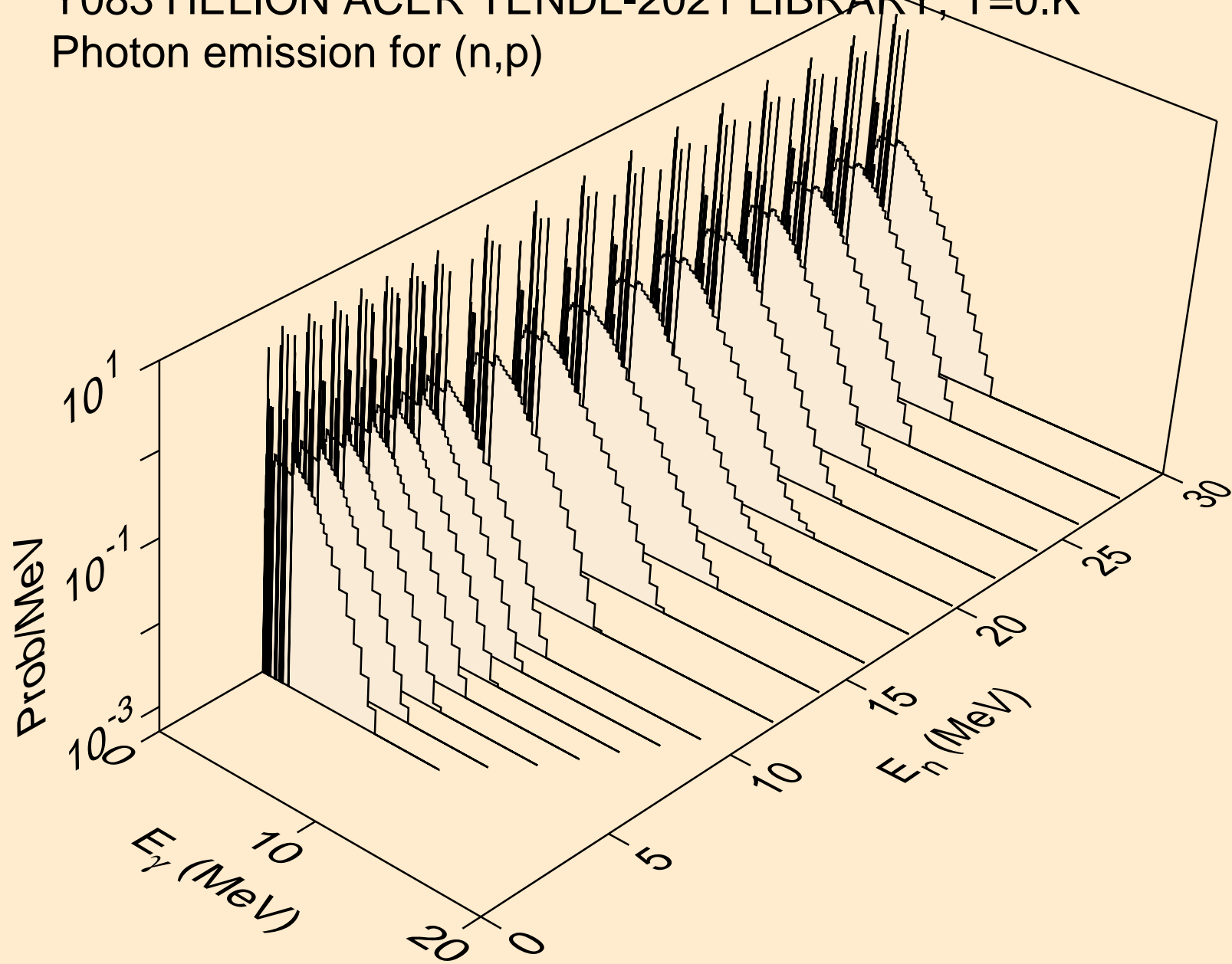
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



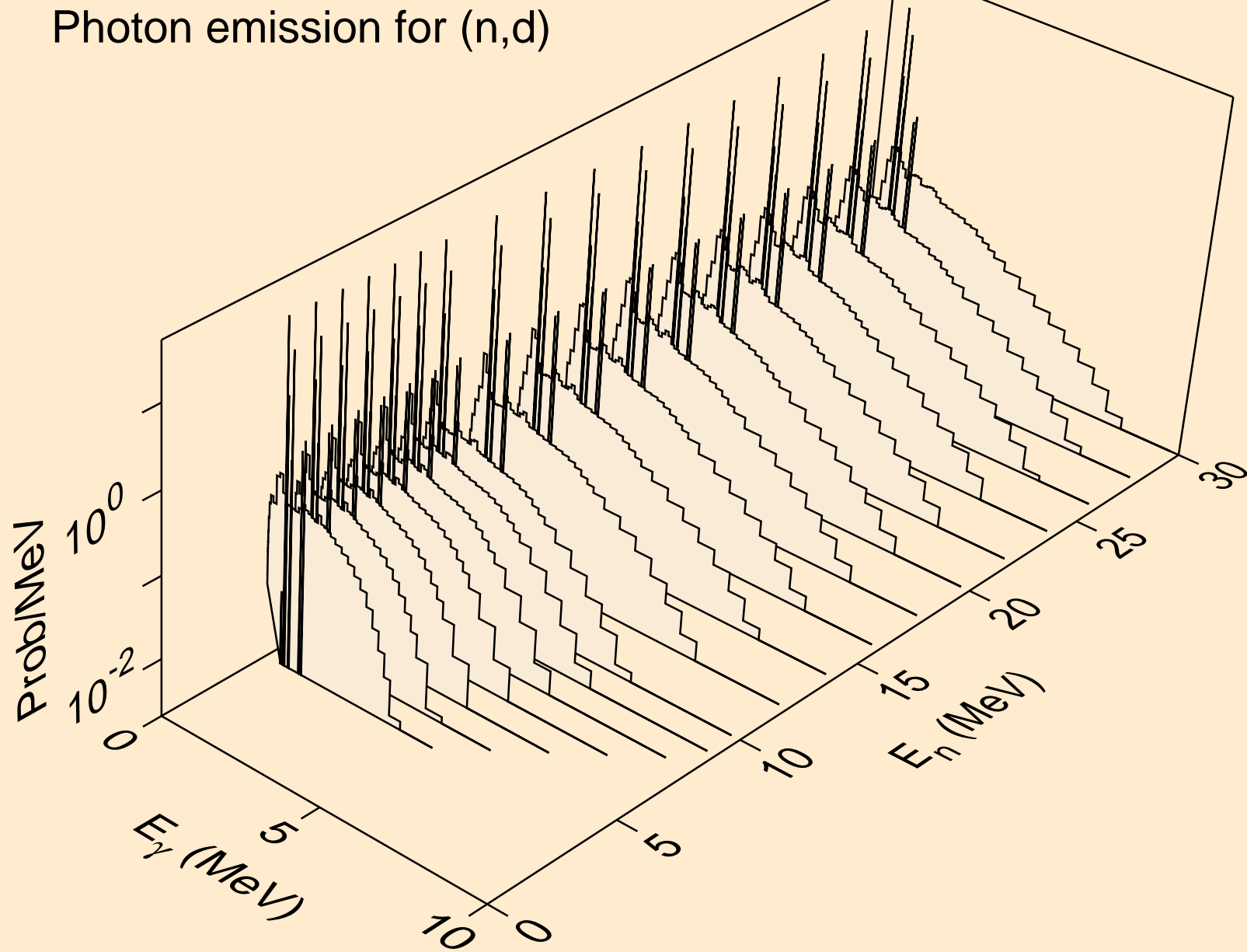
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



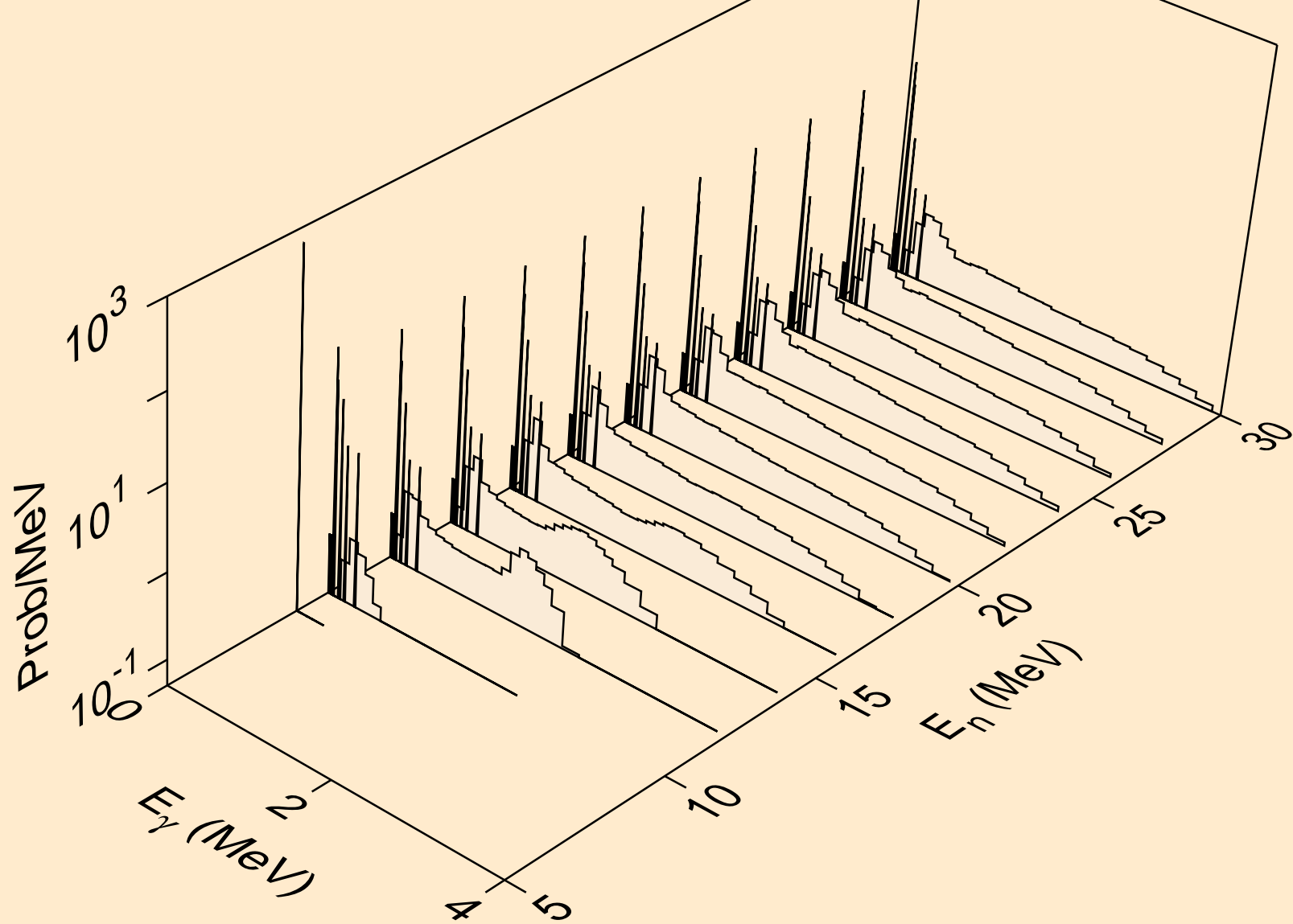
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



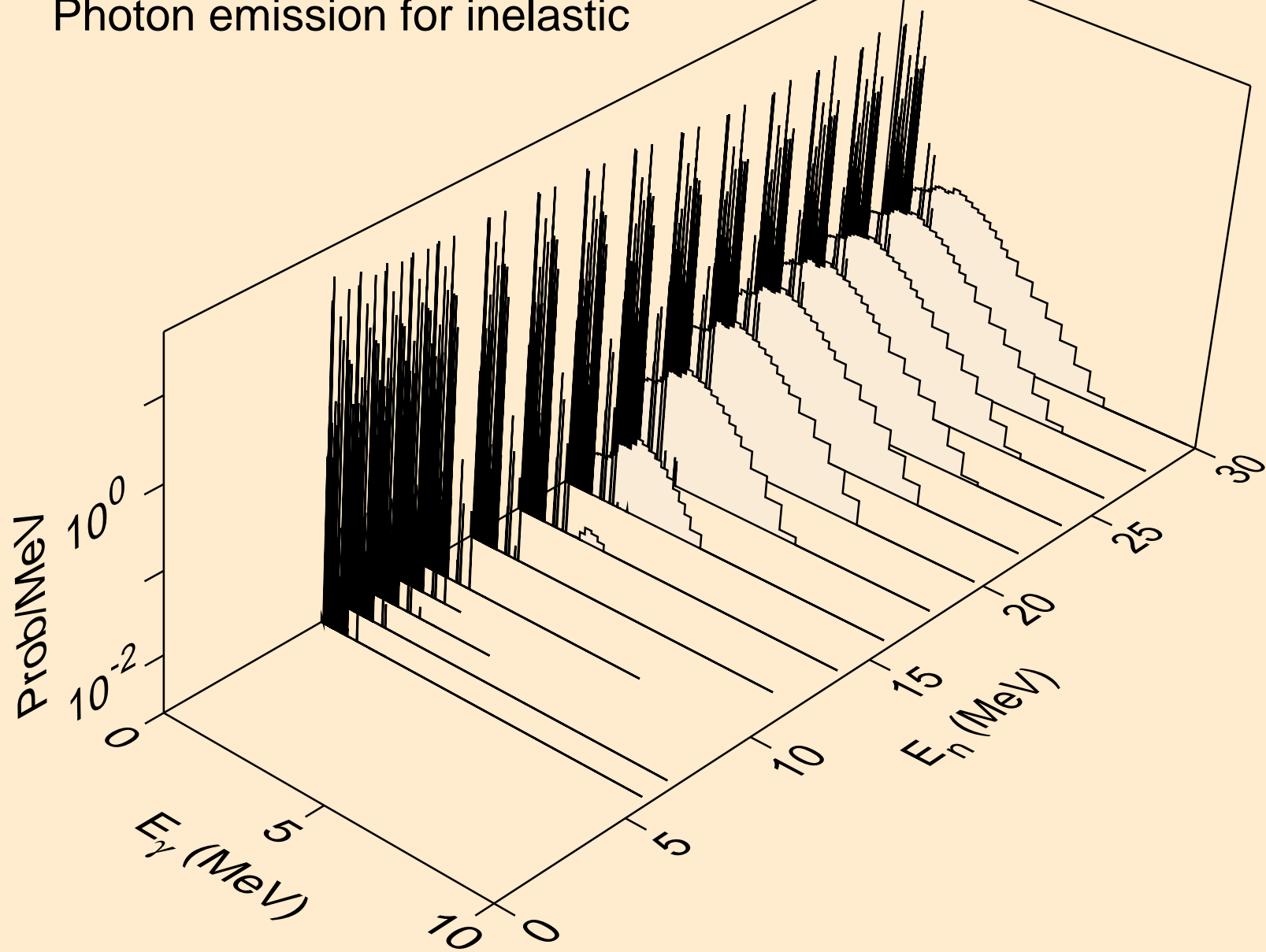
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



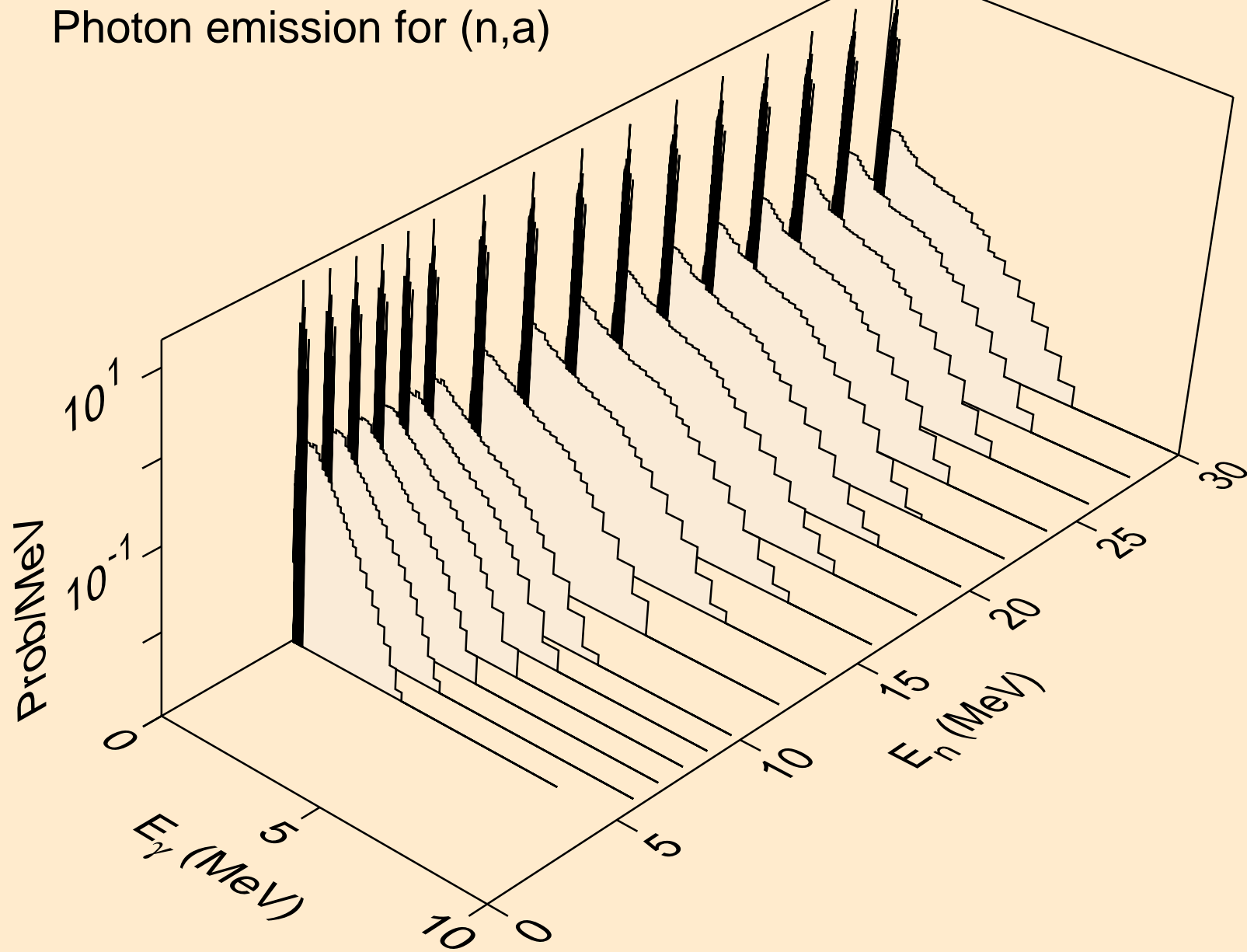
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



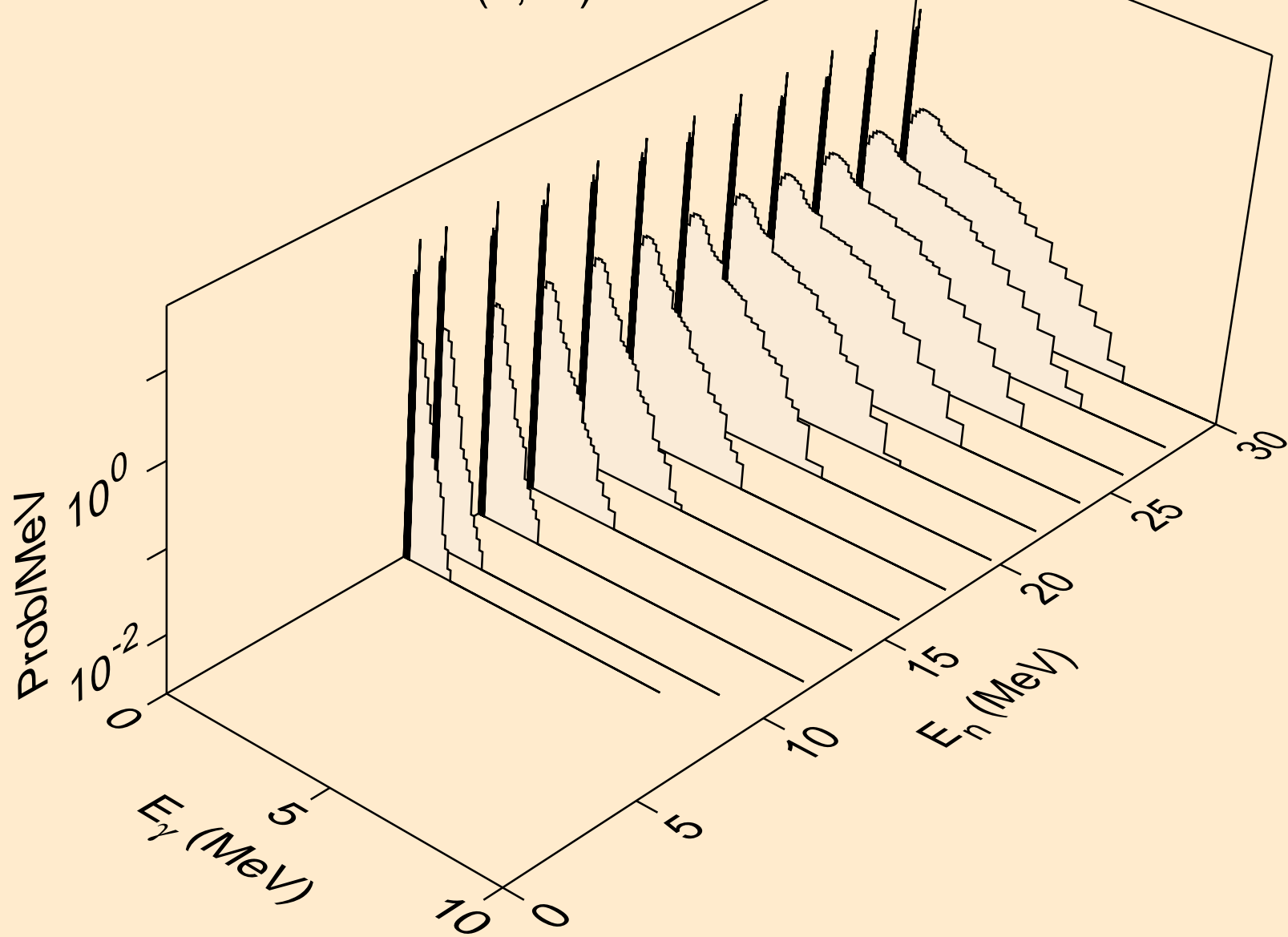
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

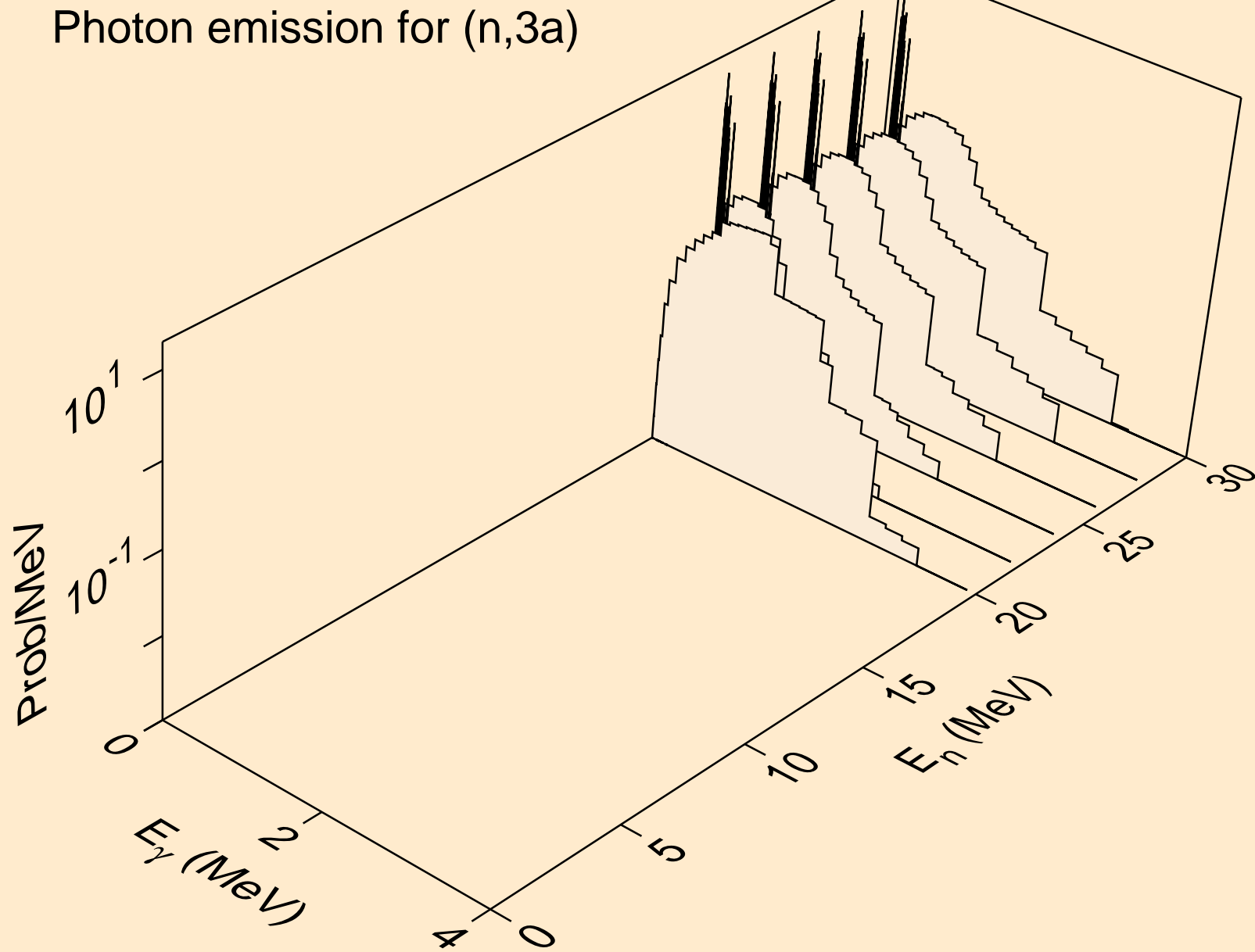


Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

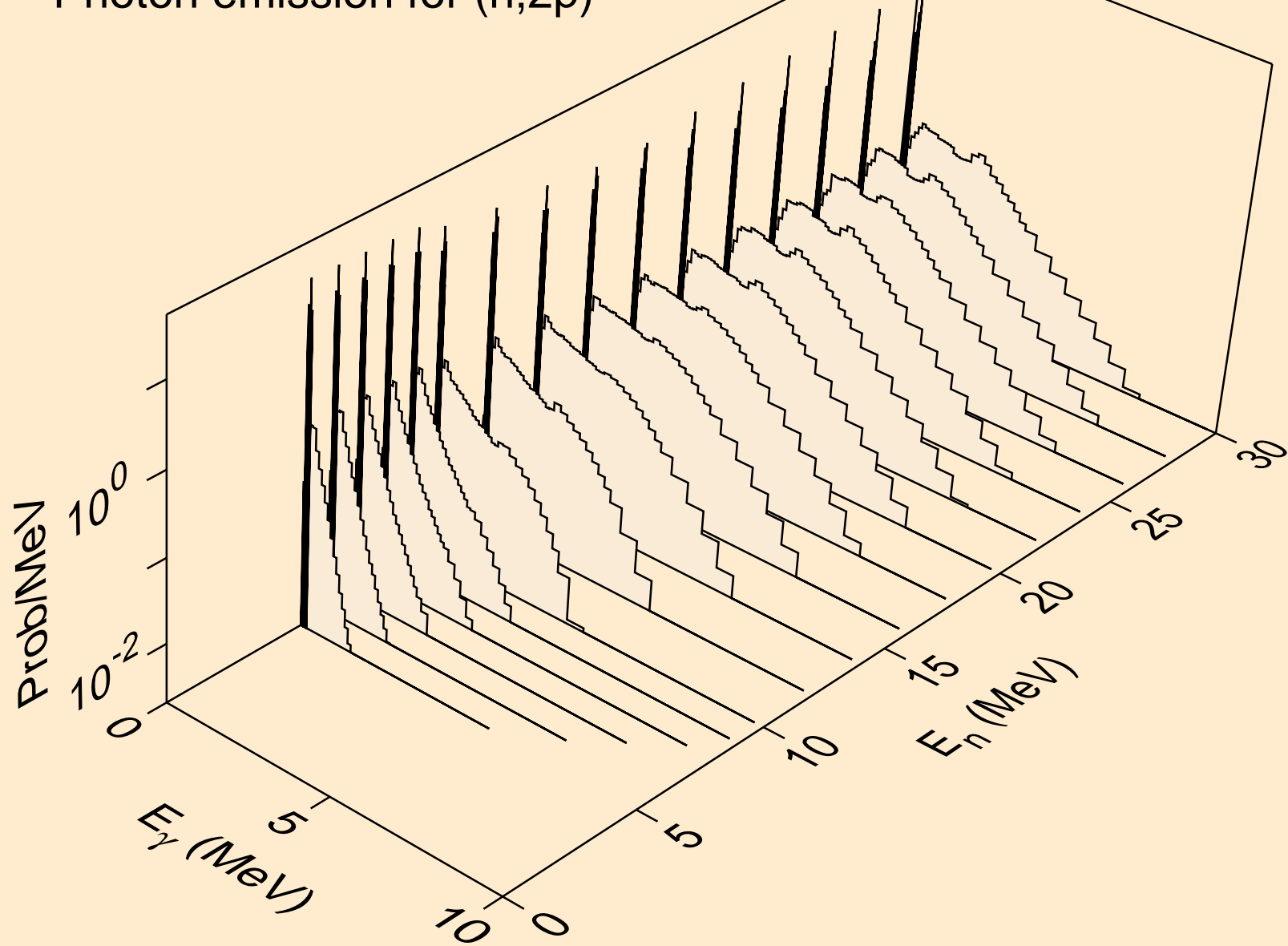




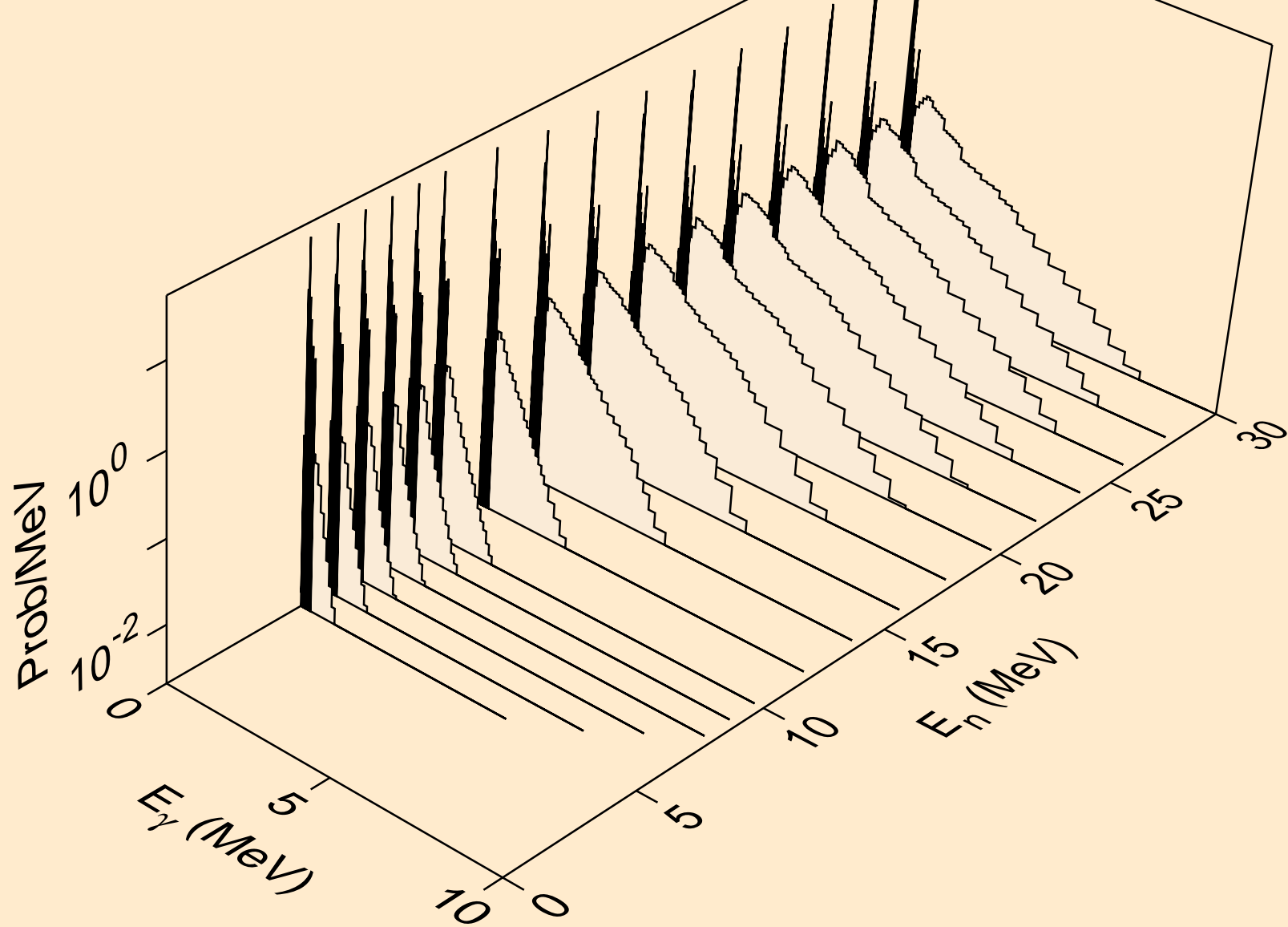
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)



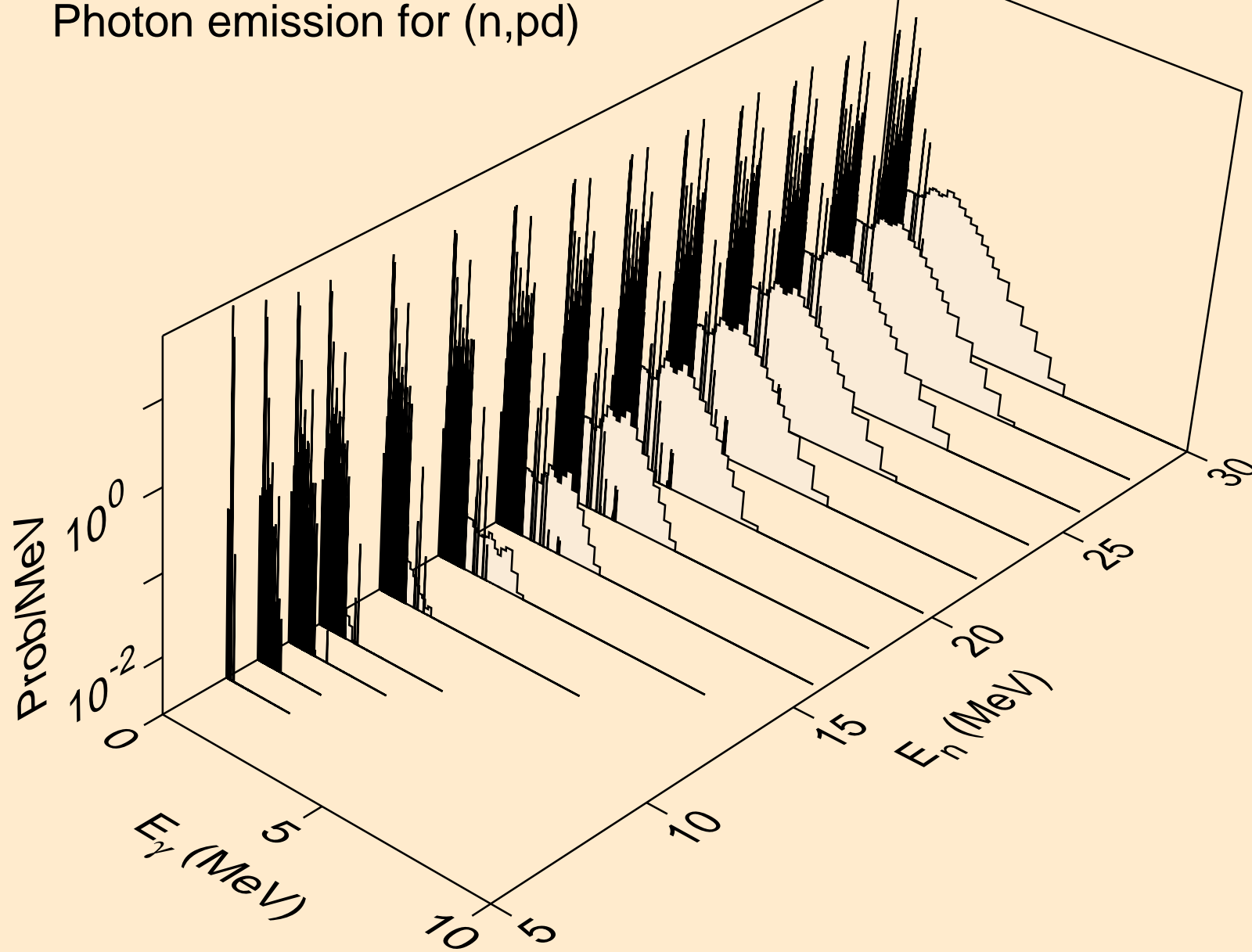
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

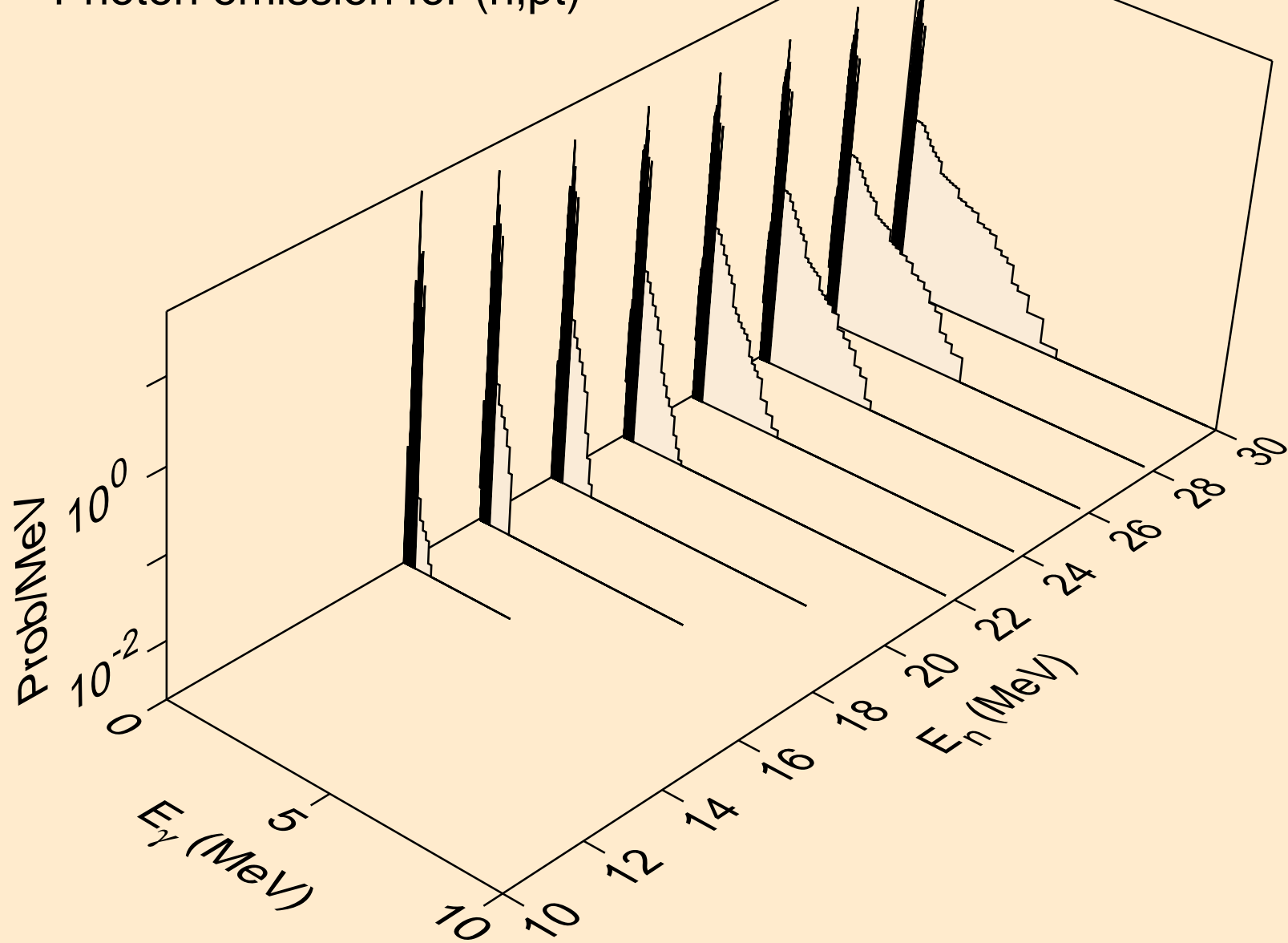


Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

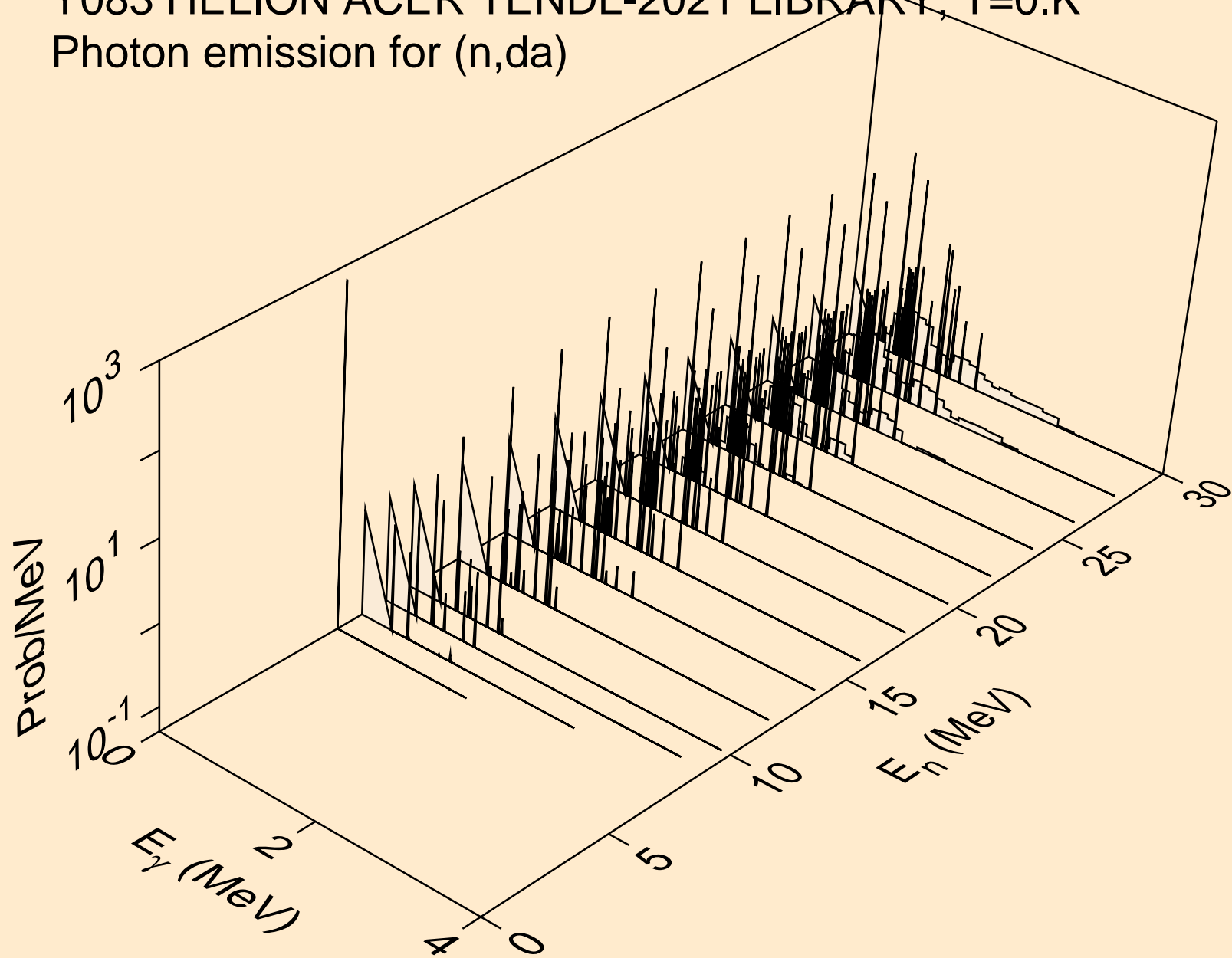


Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K

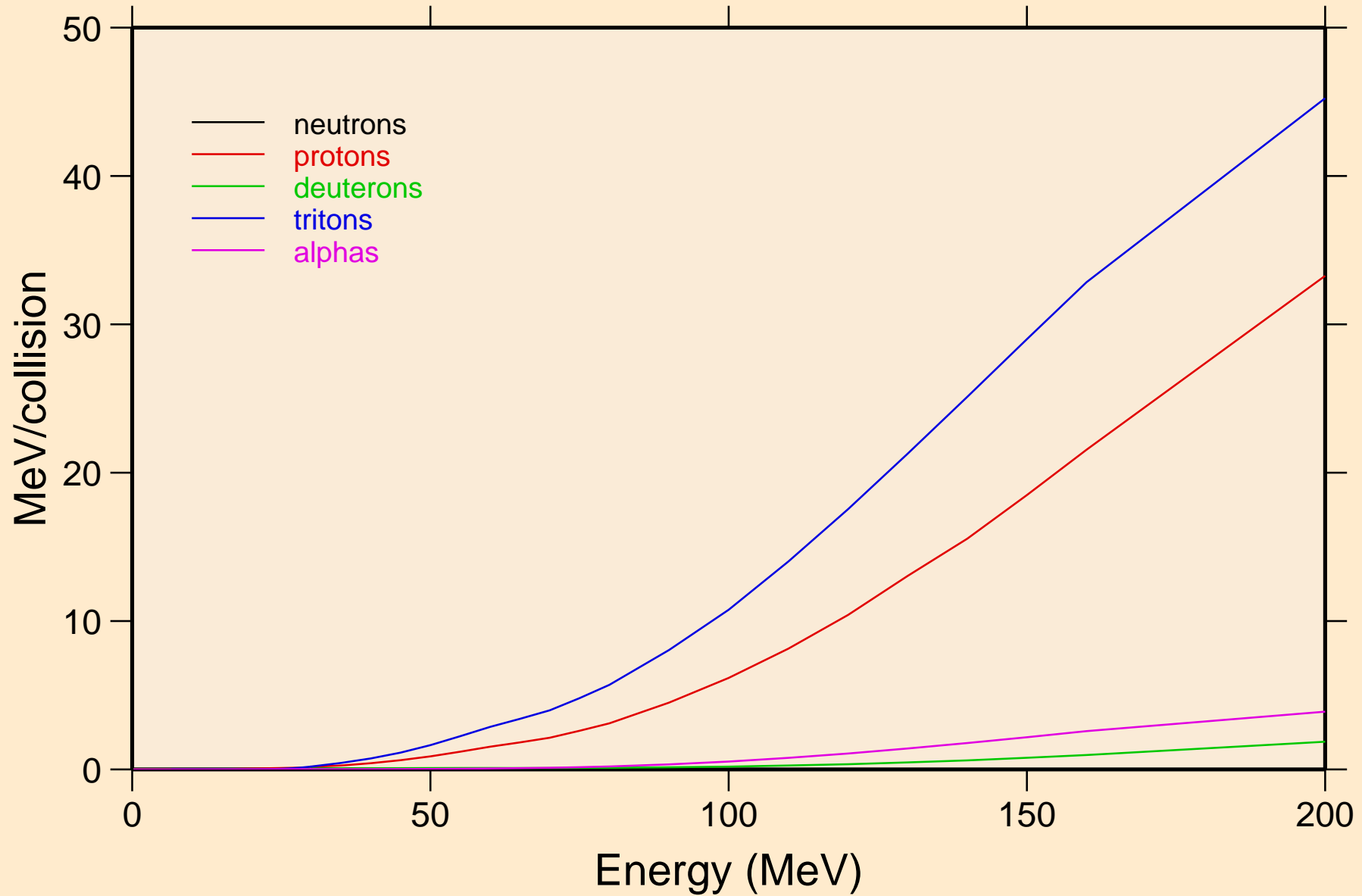
Photon emission for (n,pt)



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

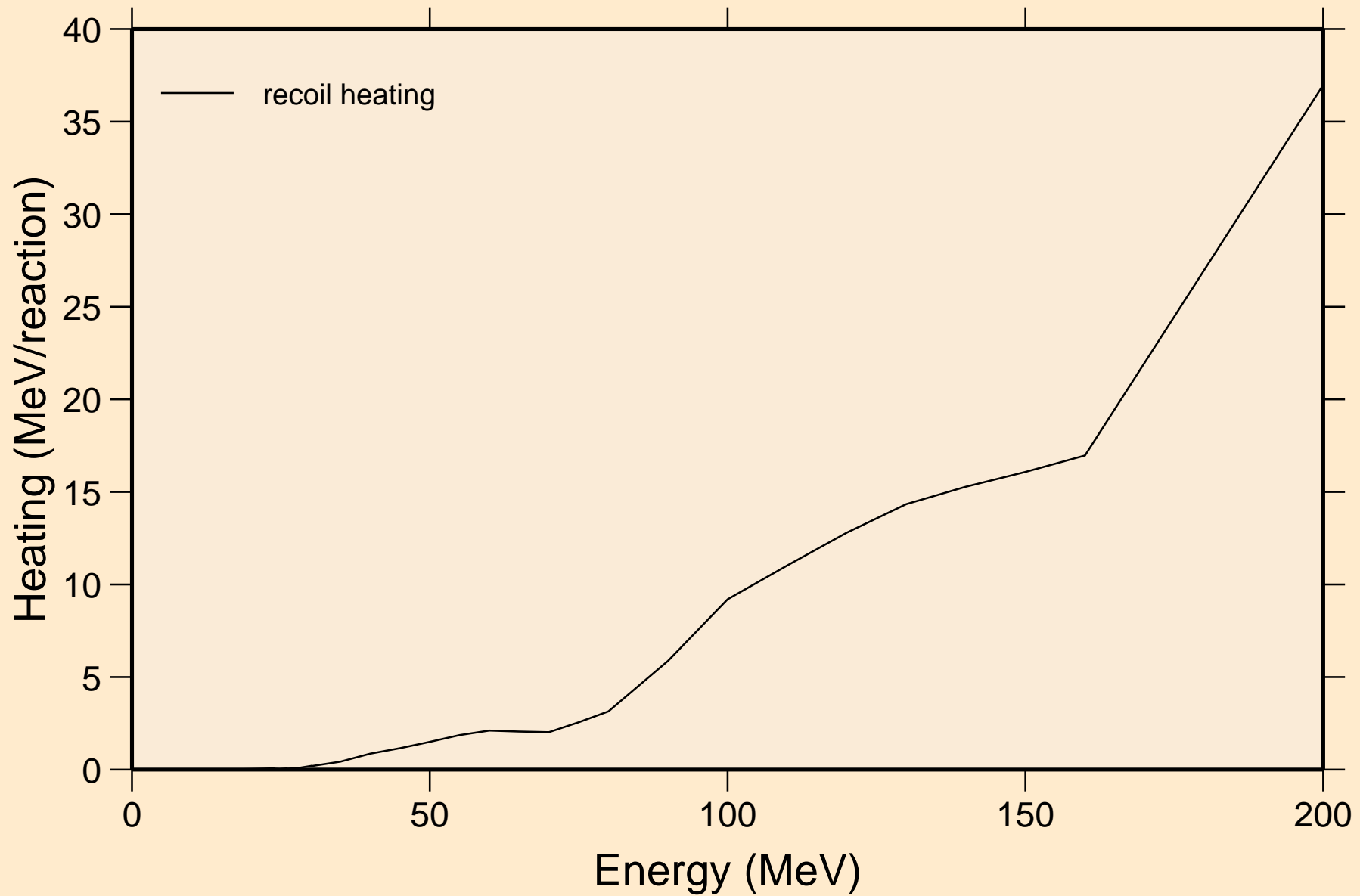


Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K

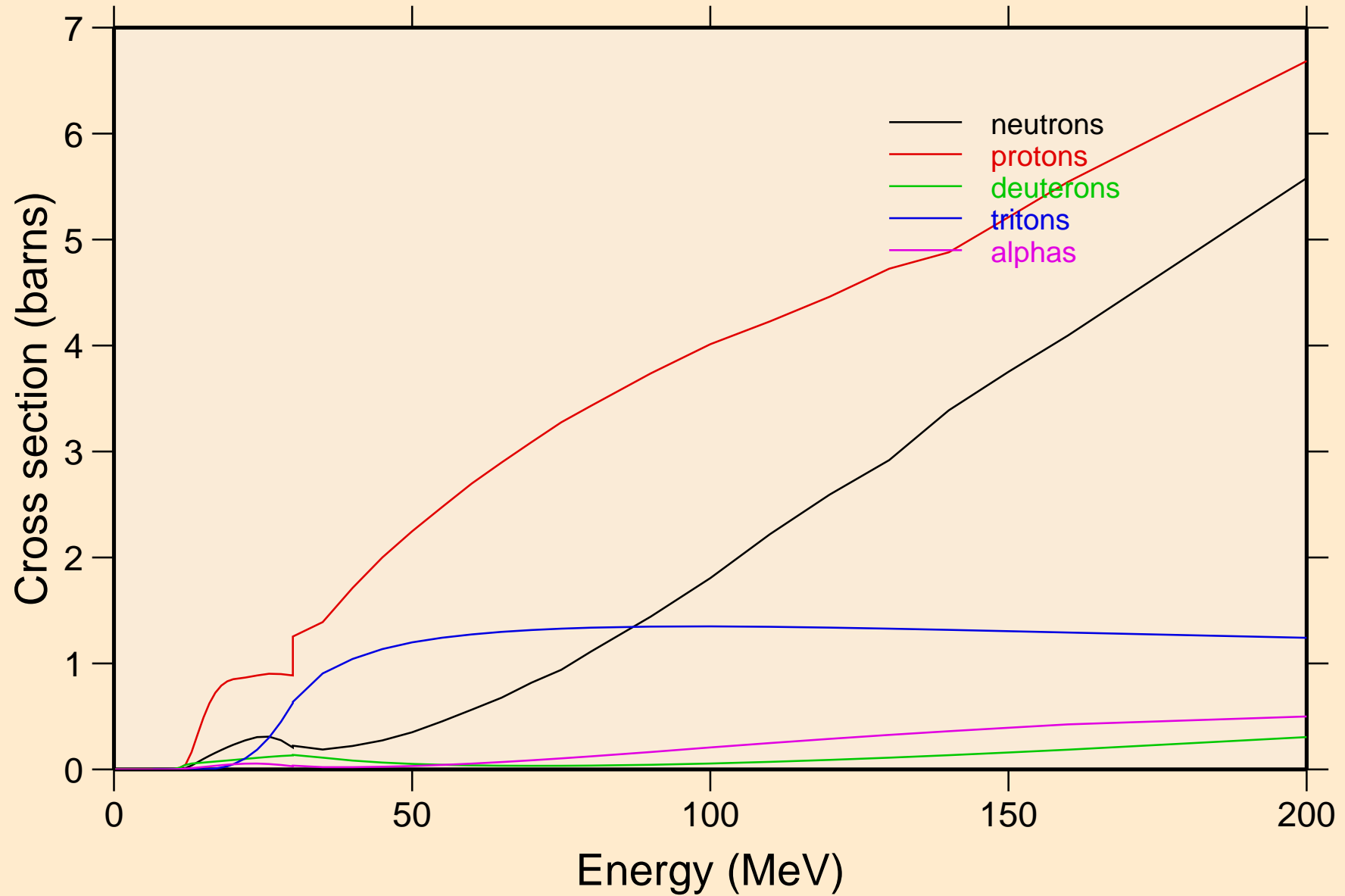
### Recoil Heating



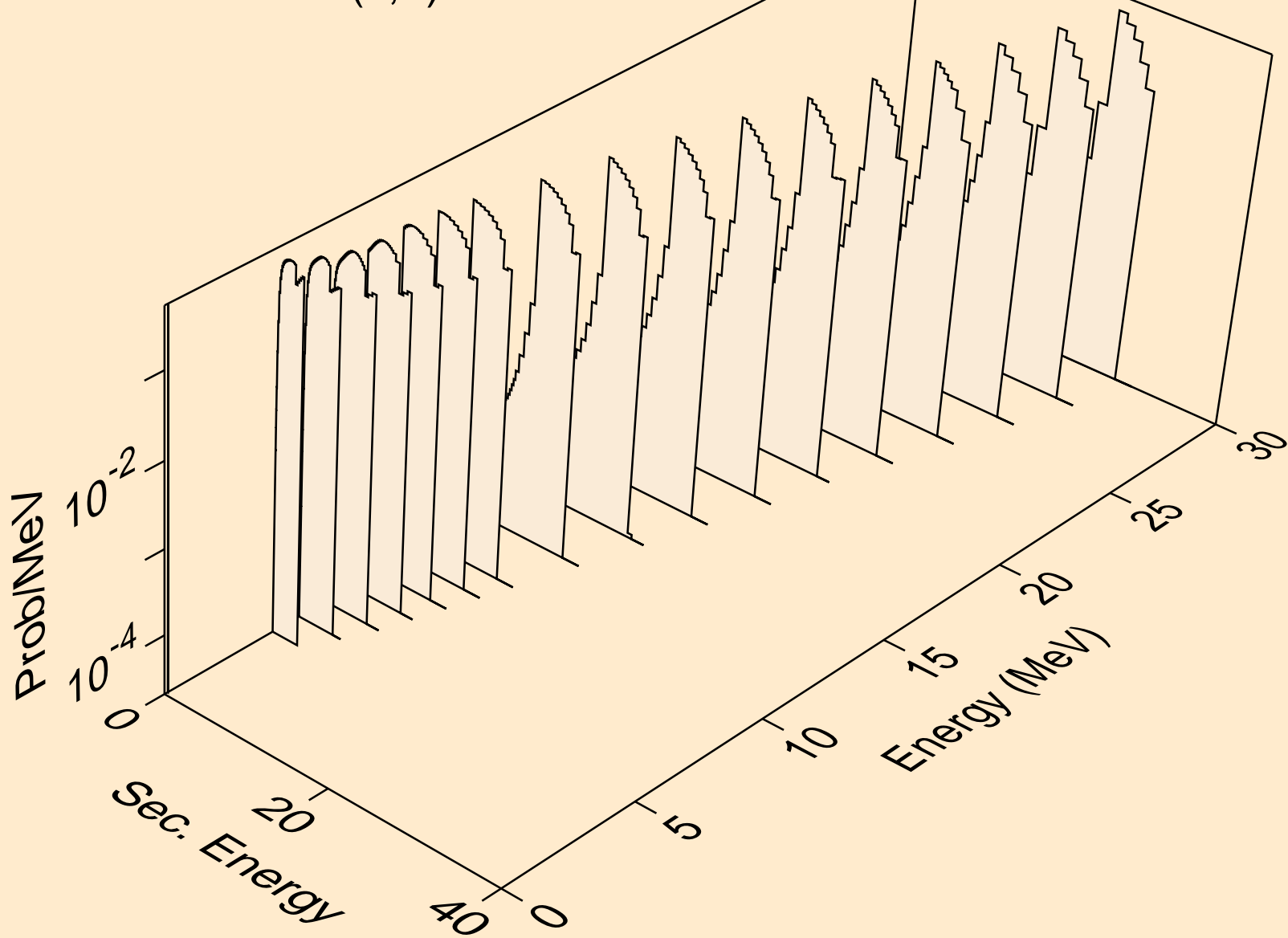


# Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K

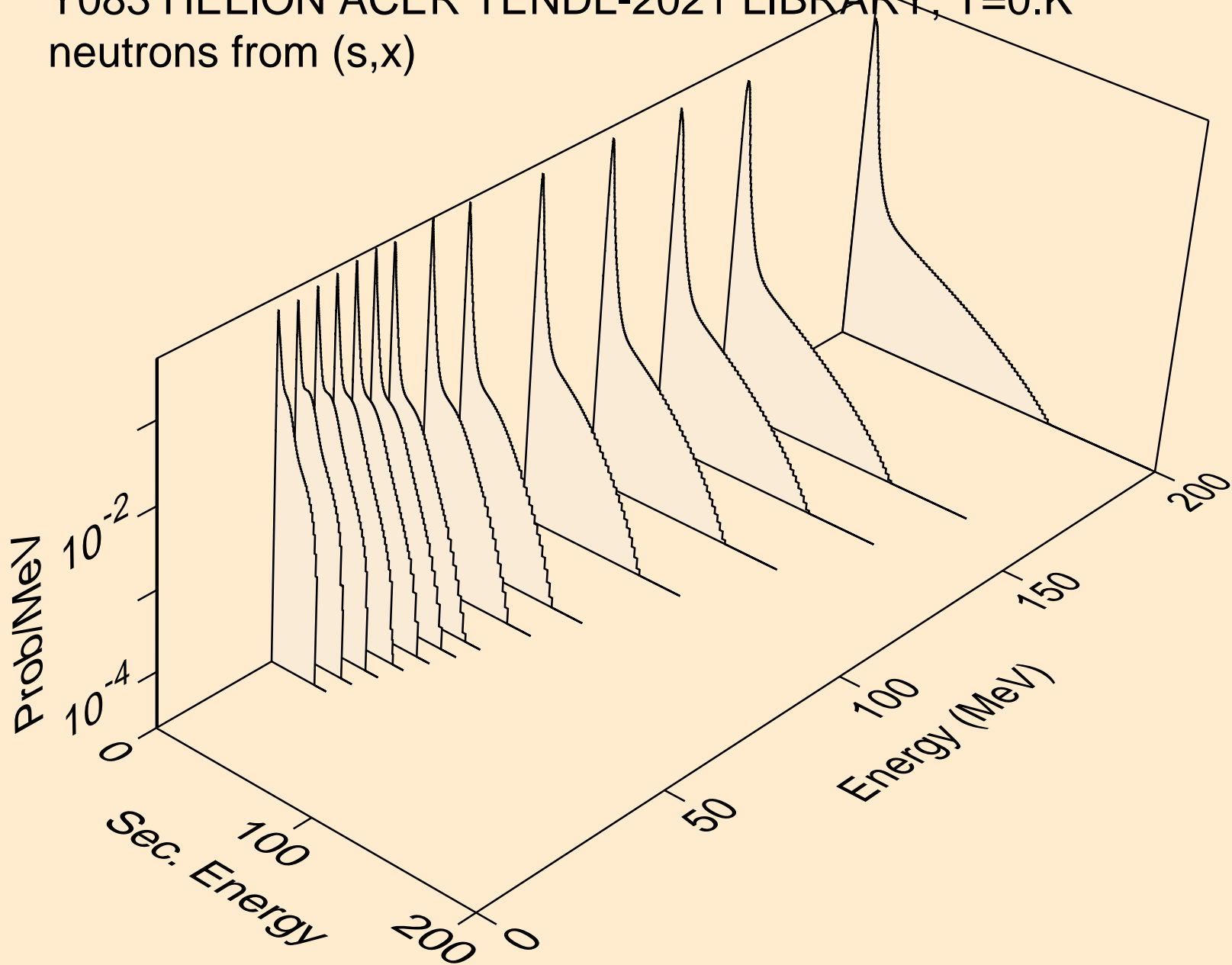
## Particle production cross sections



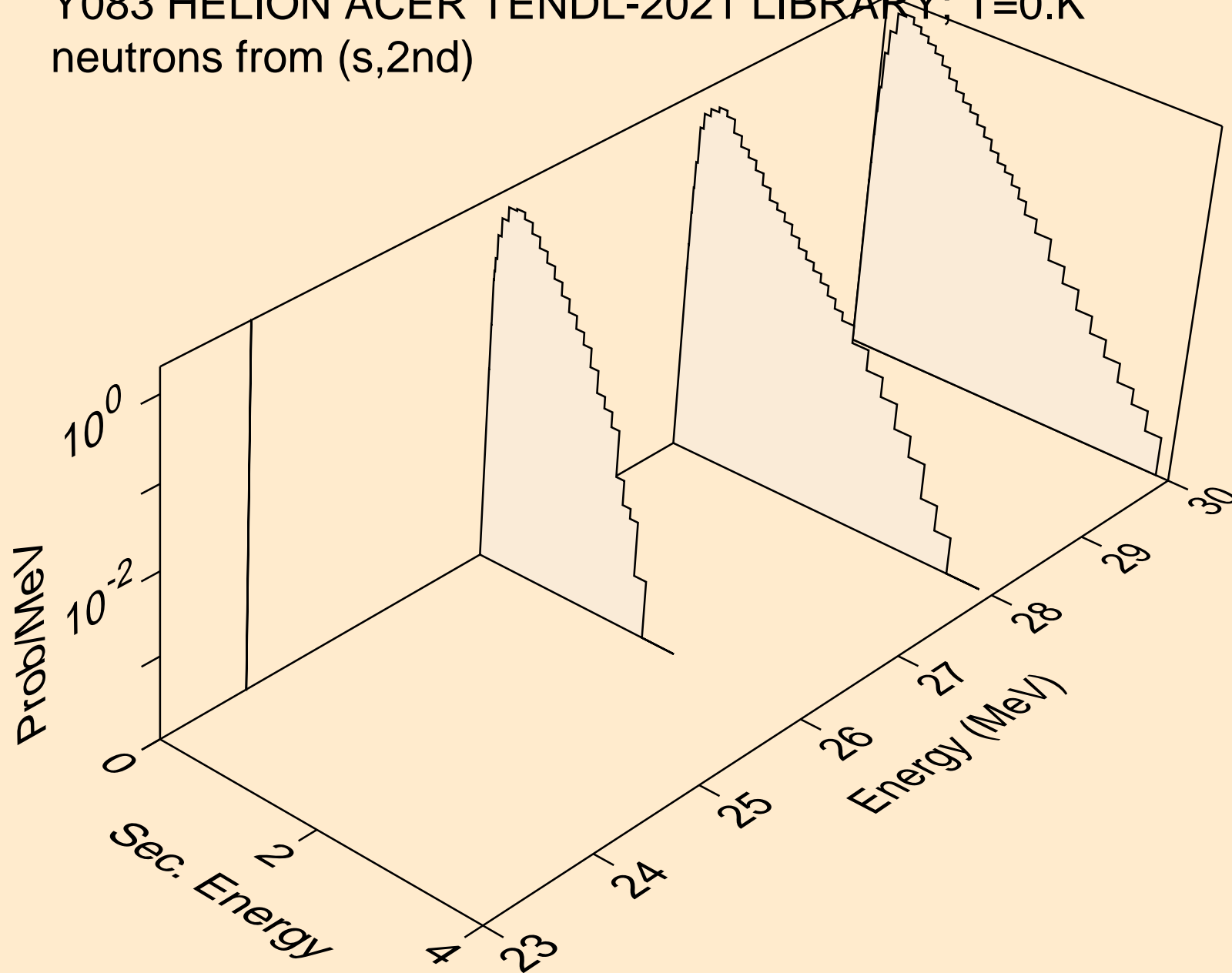
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



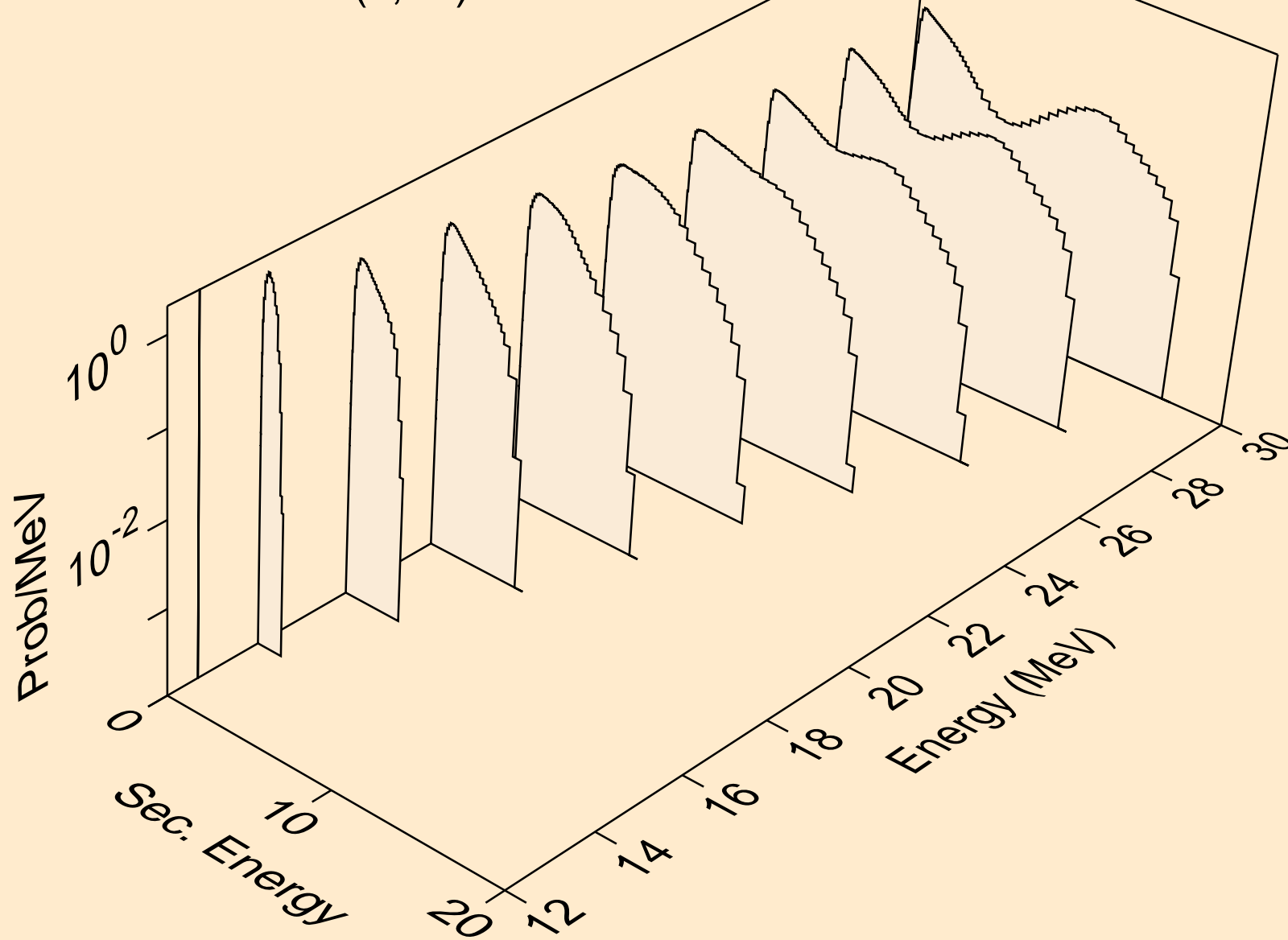
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



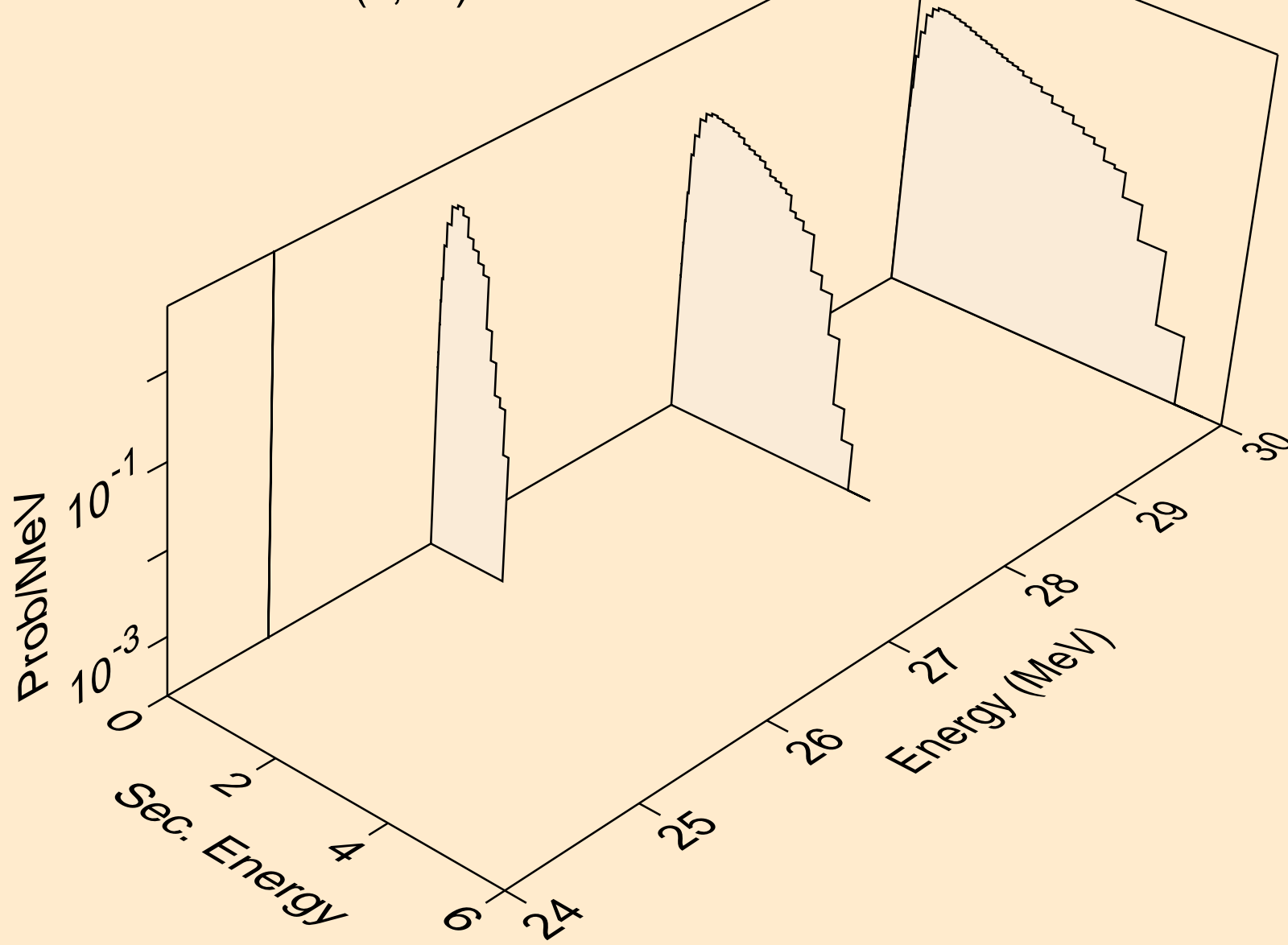
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



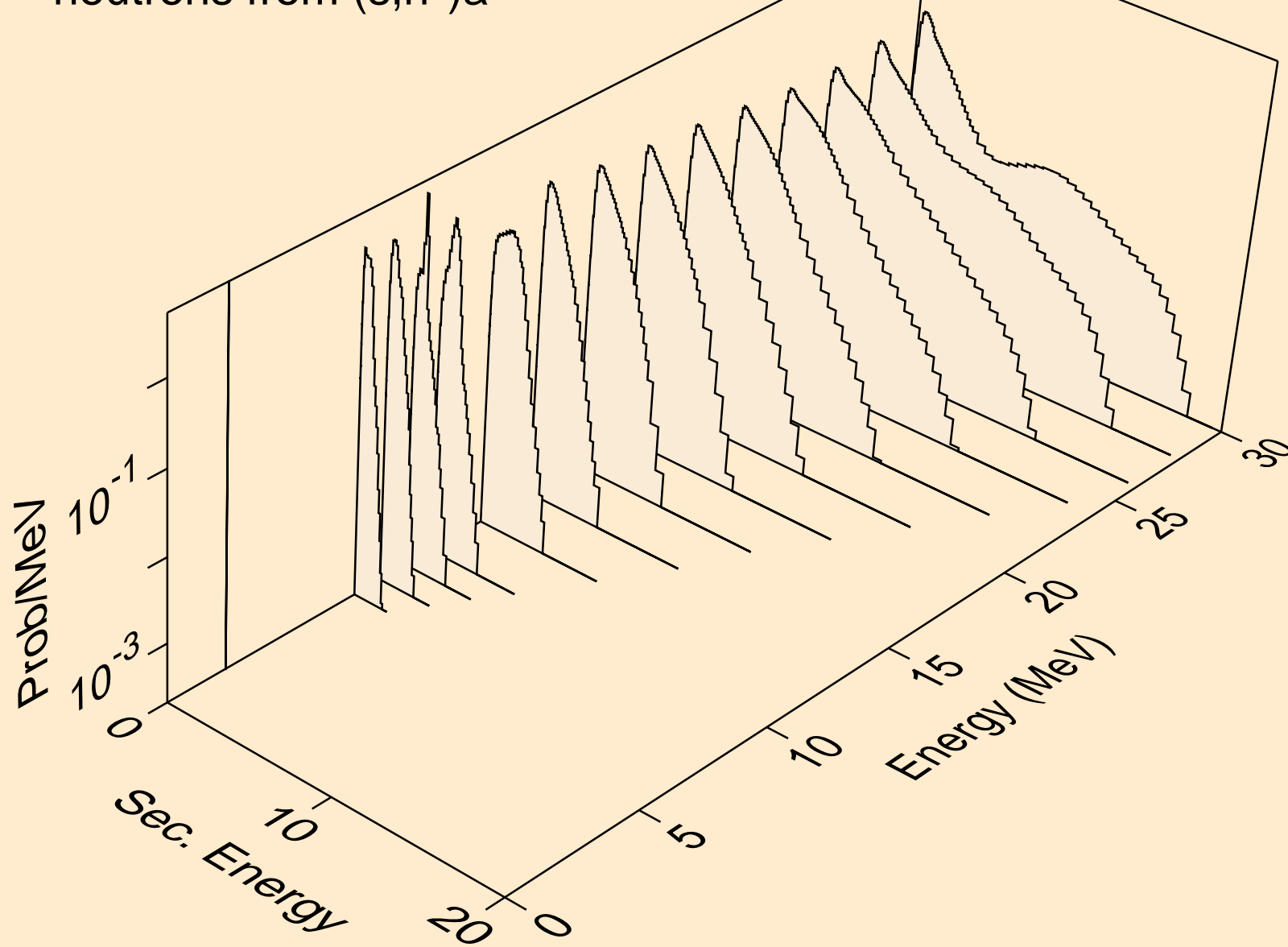
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



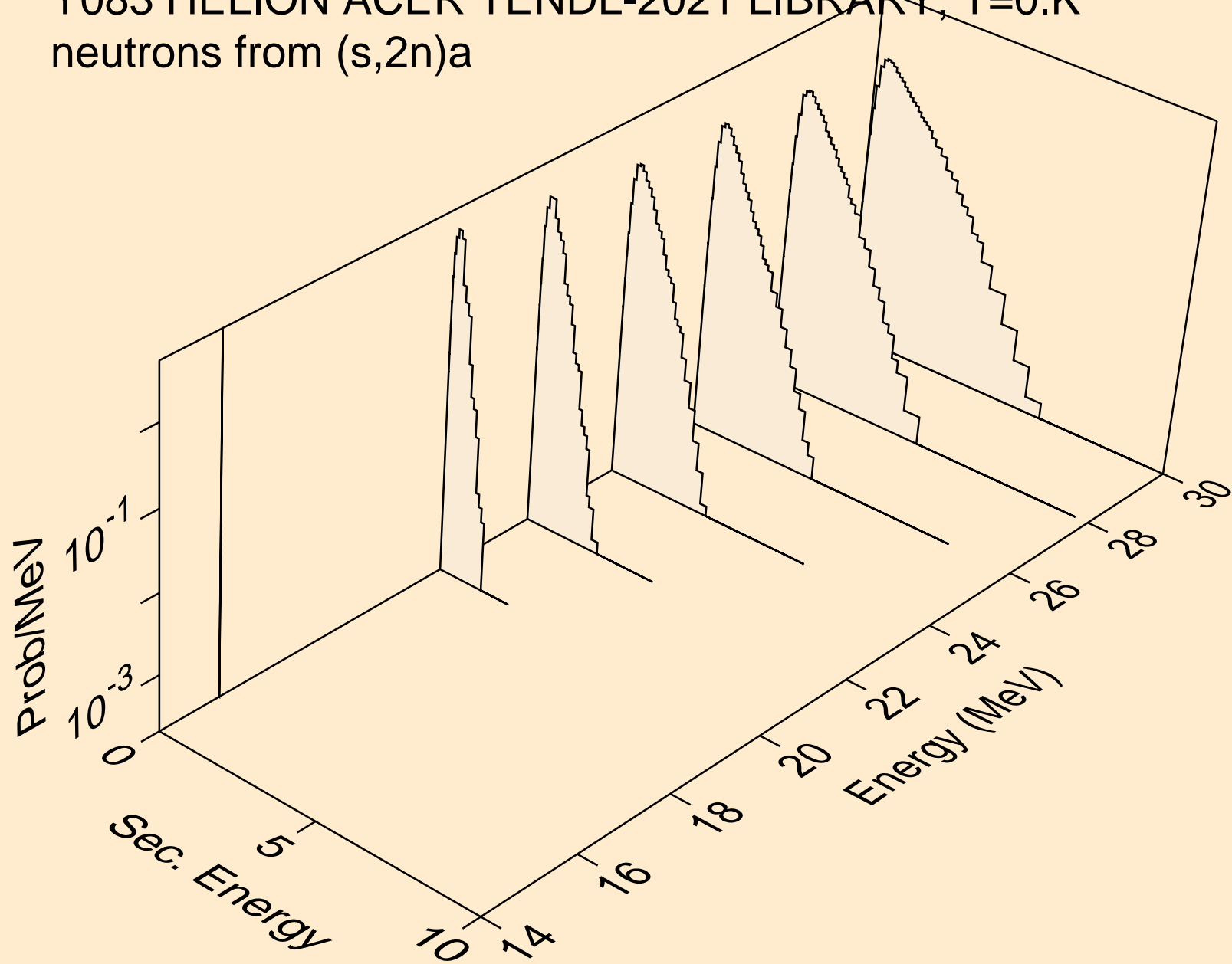
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

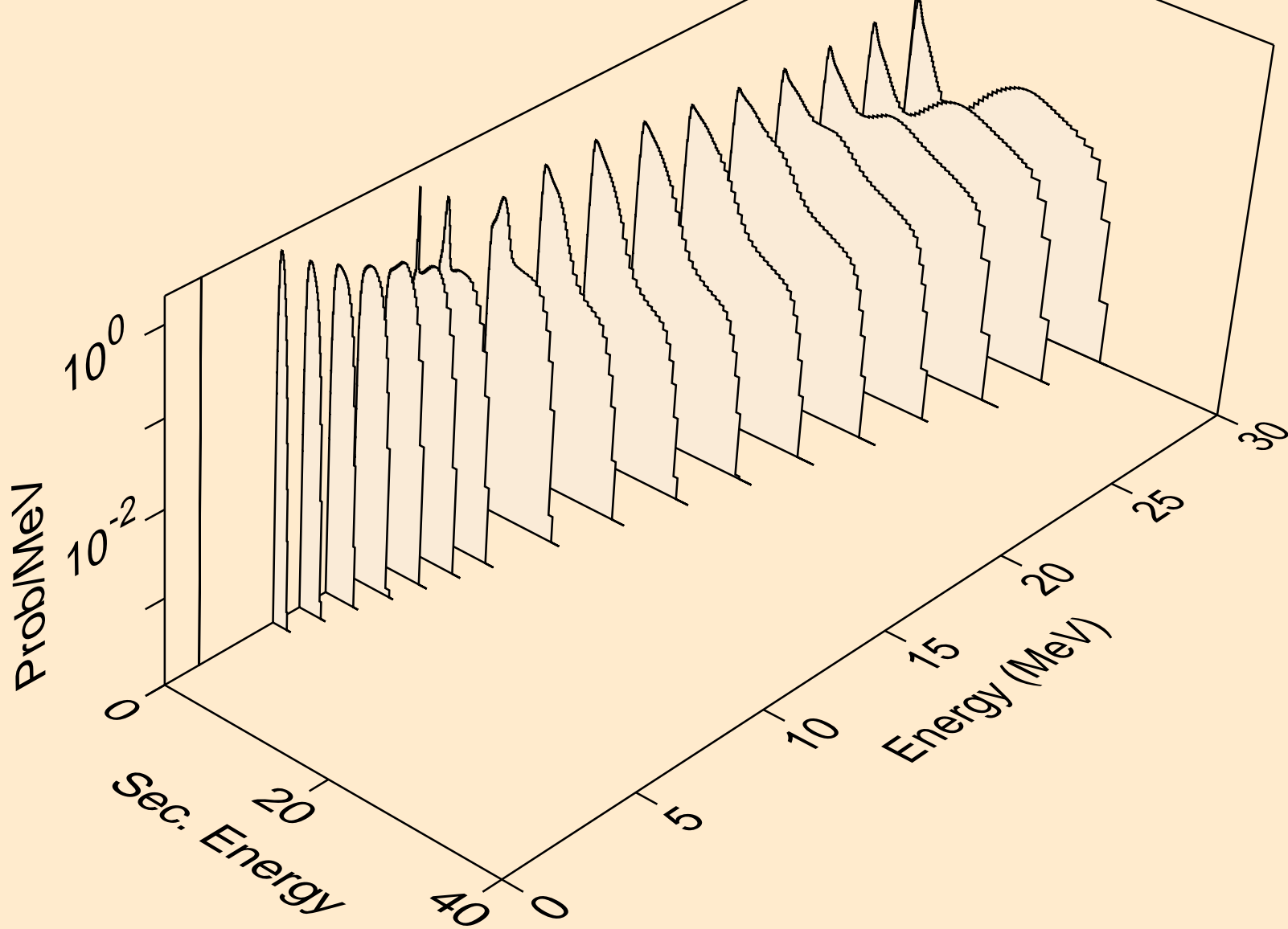


Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a

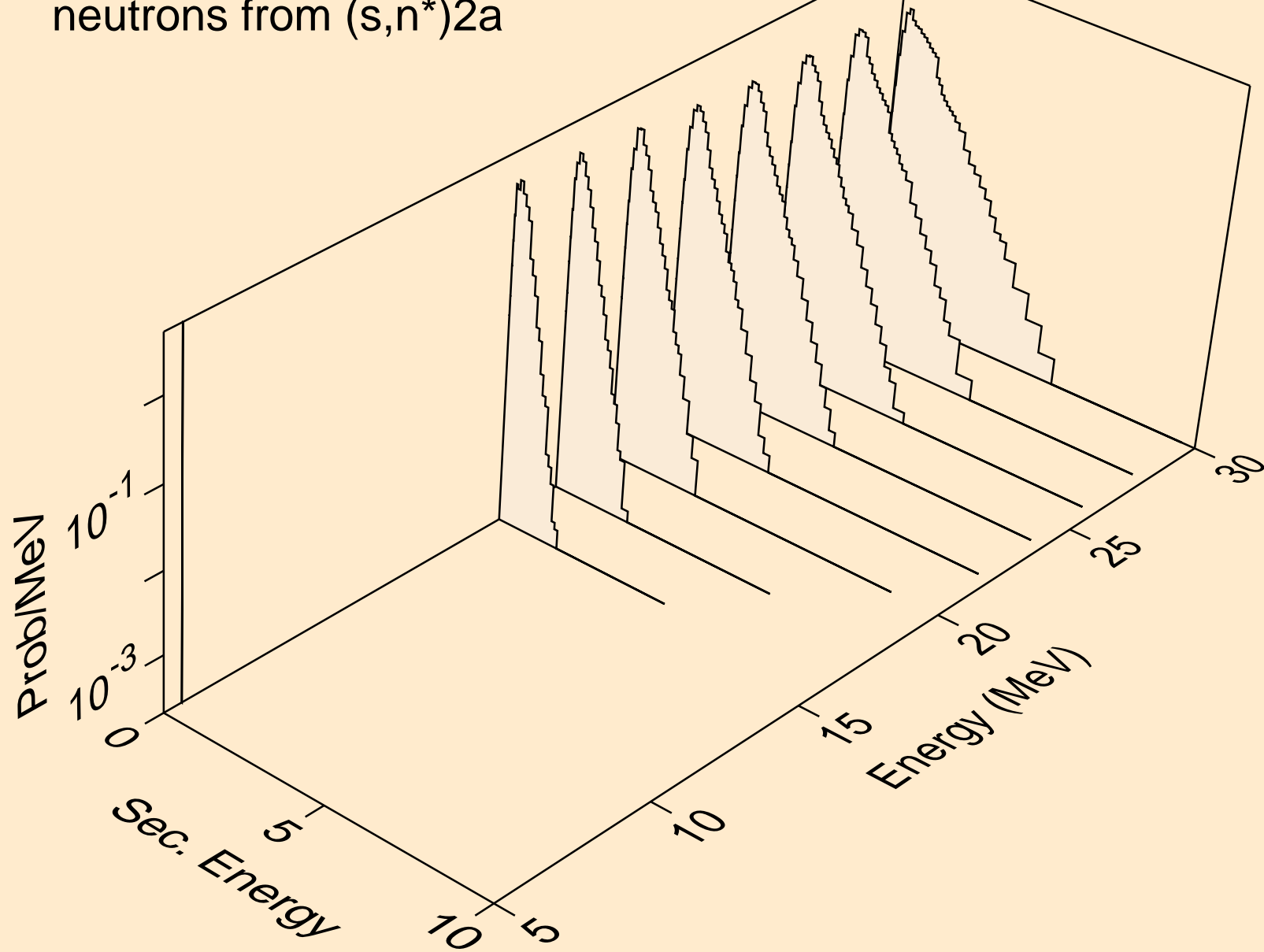




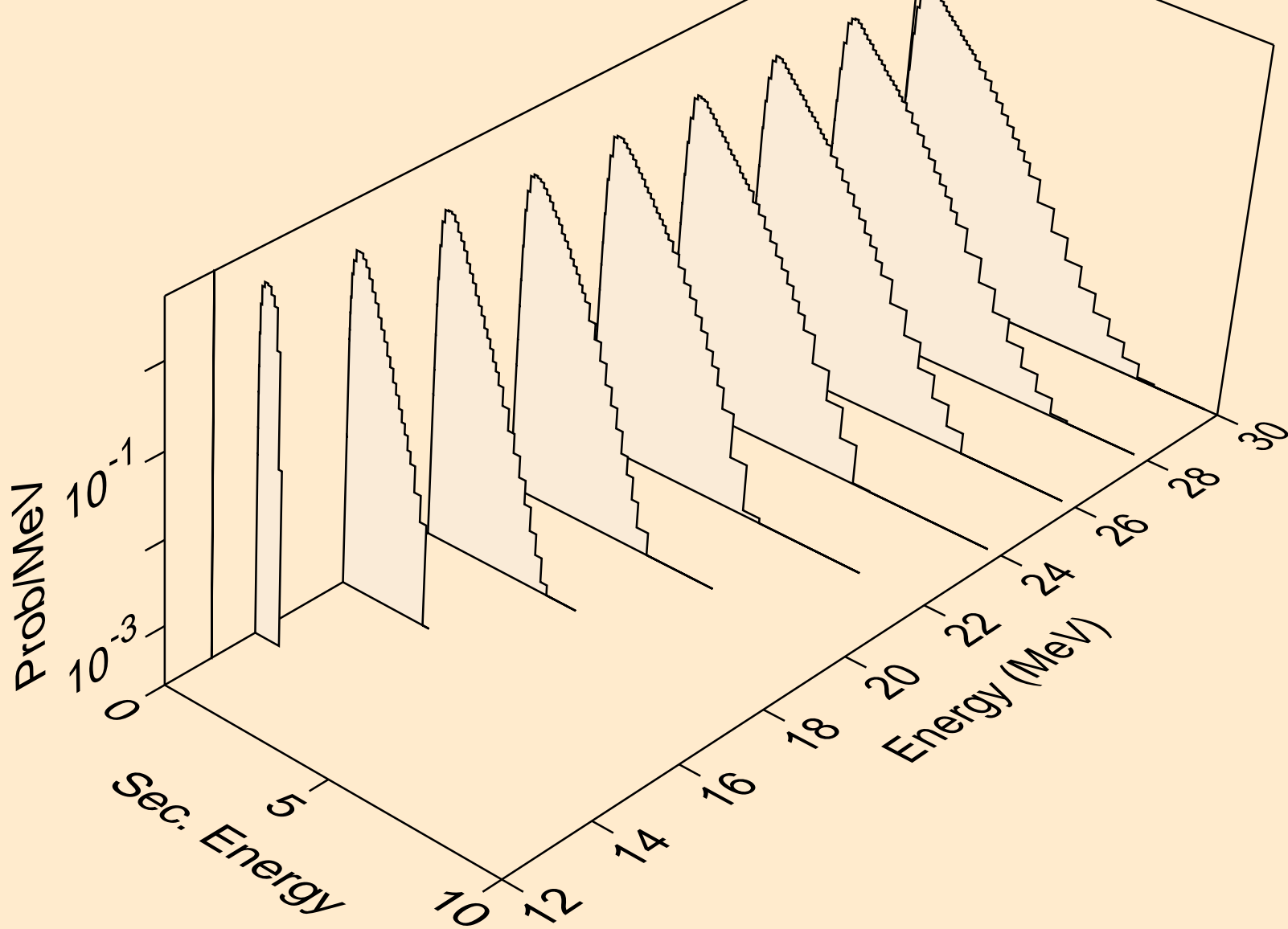
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



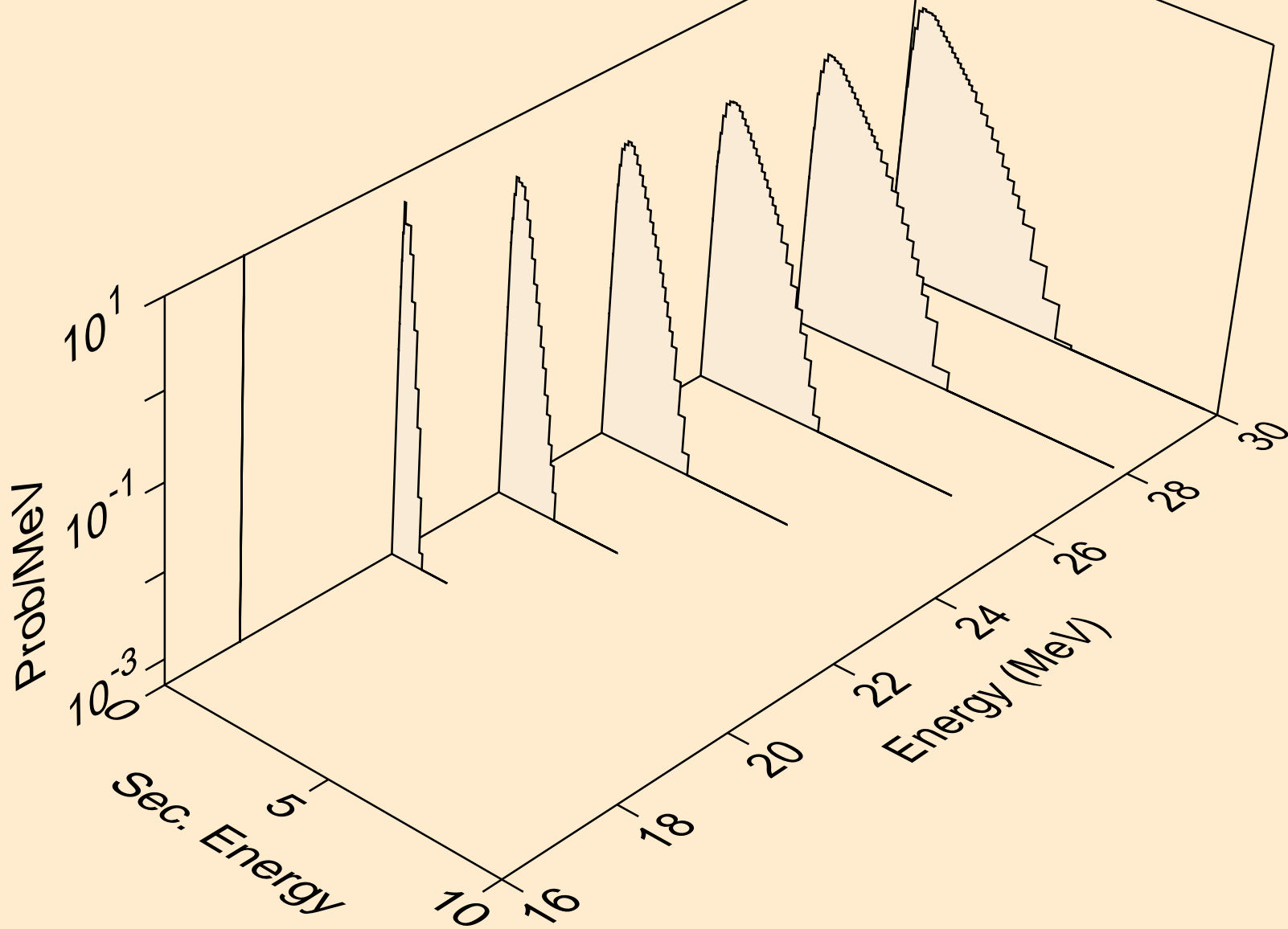
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



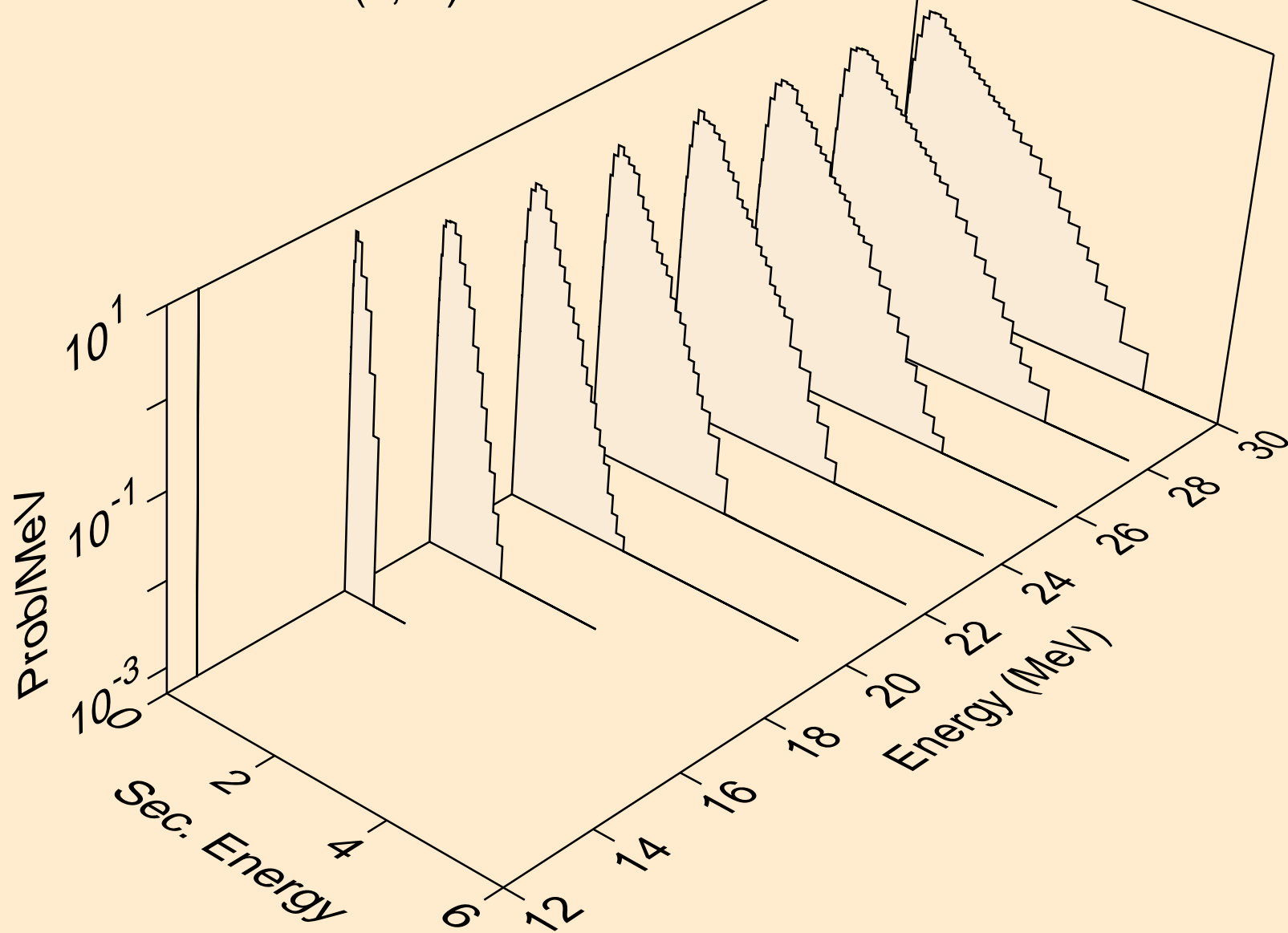
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



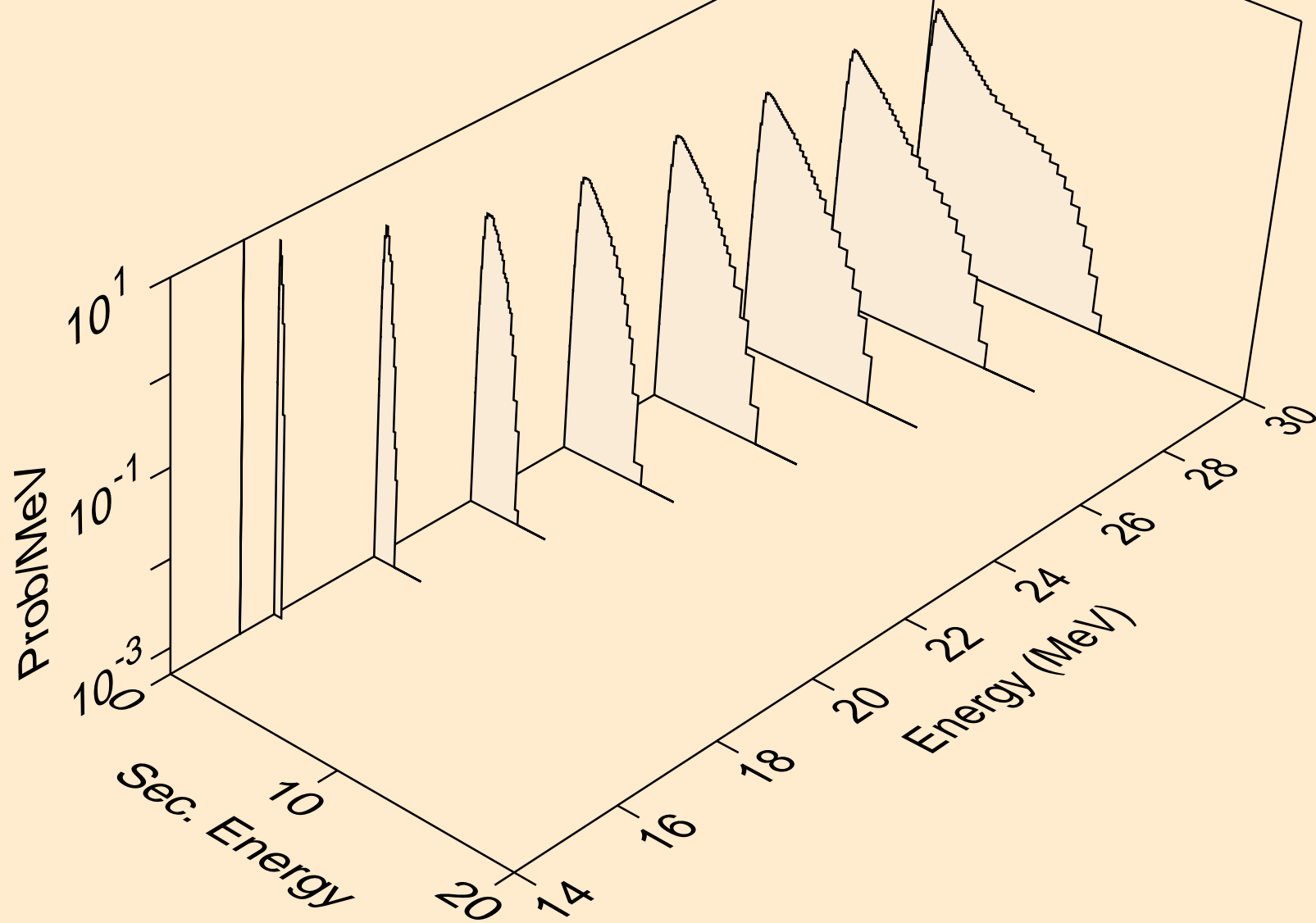
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



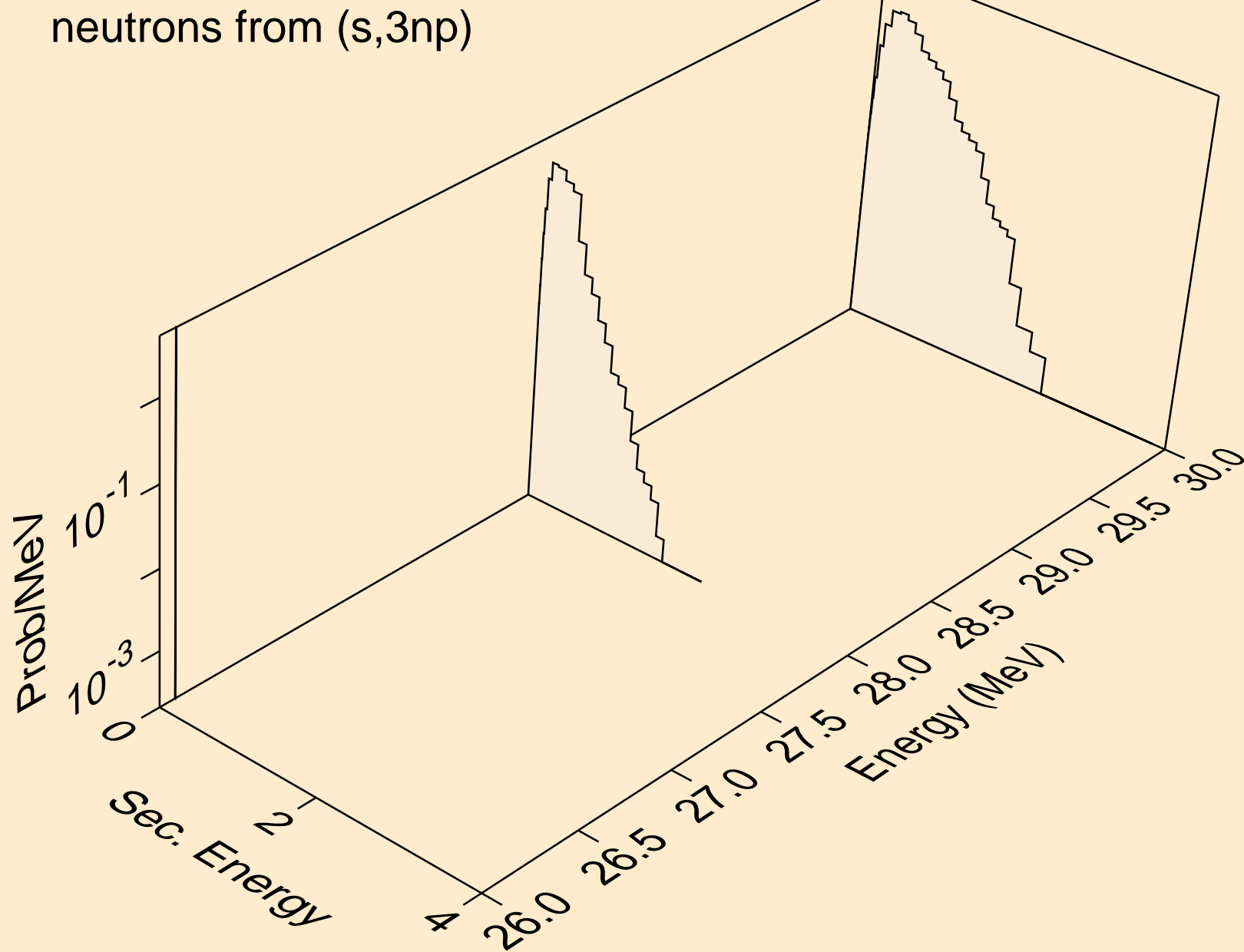
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



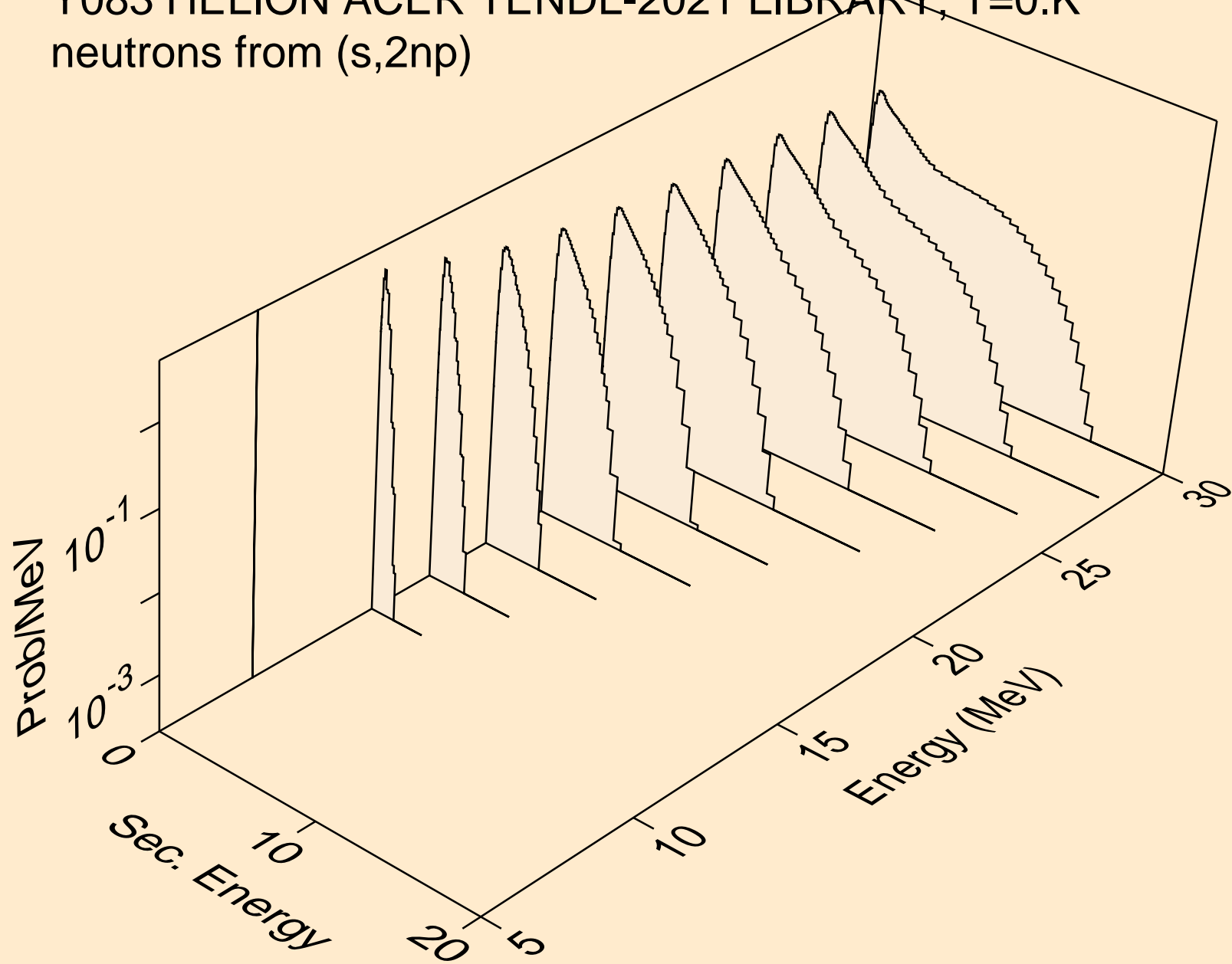
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)

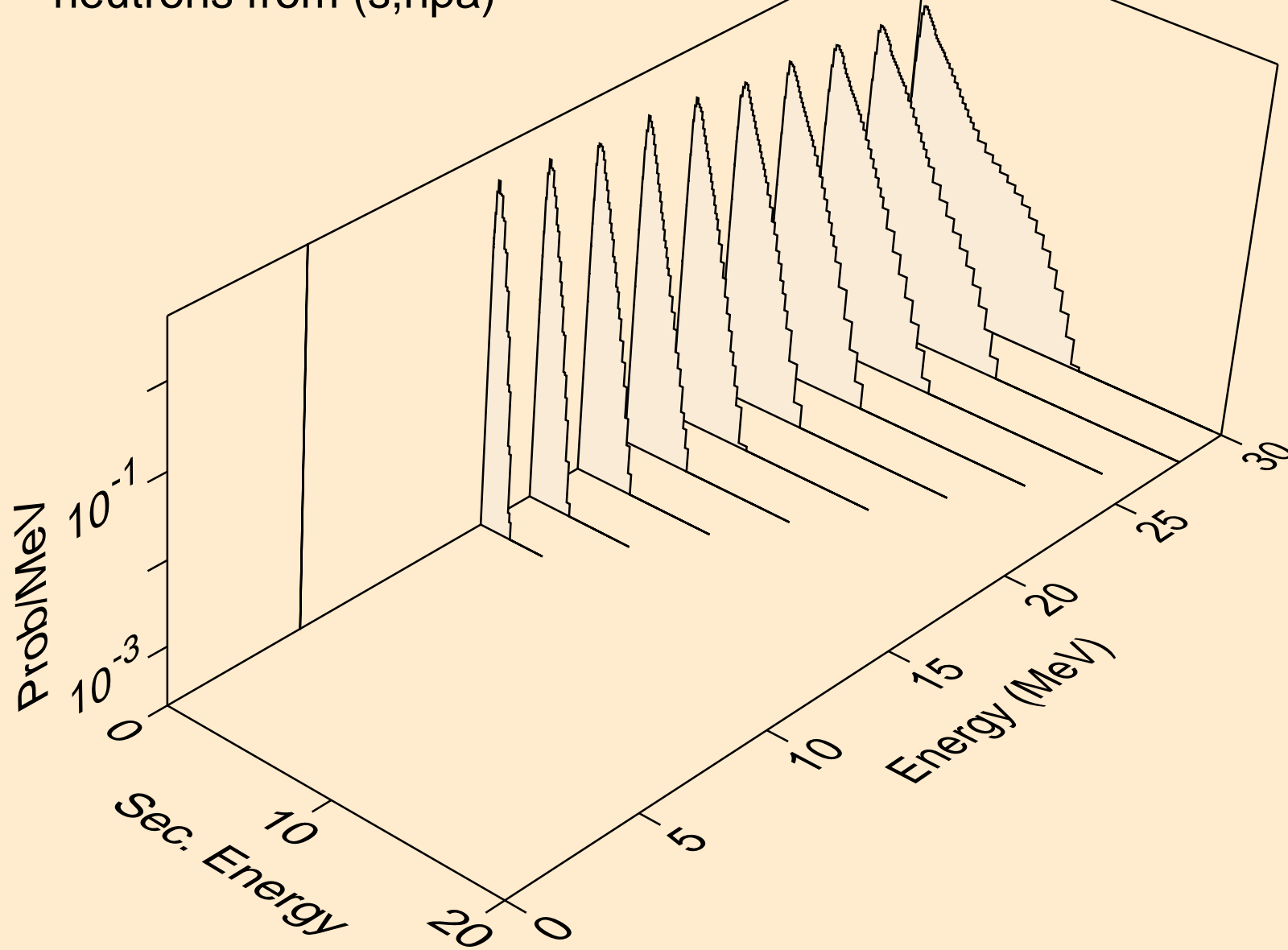


Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

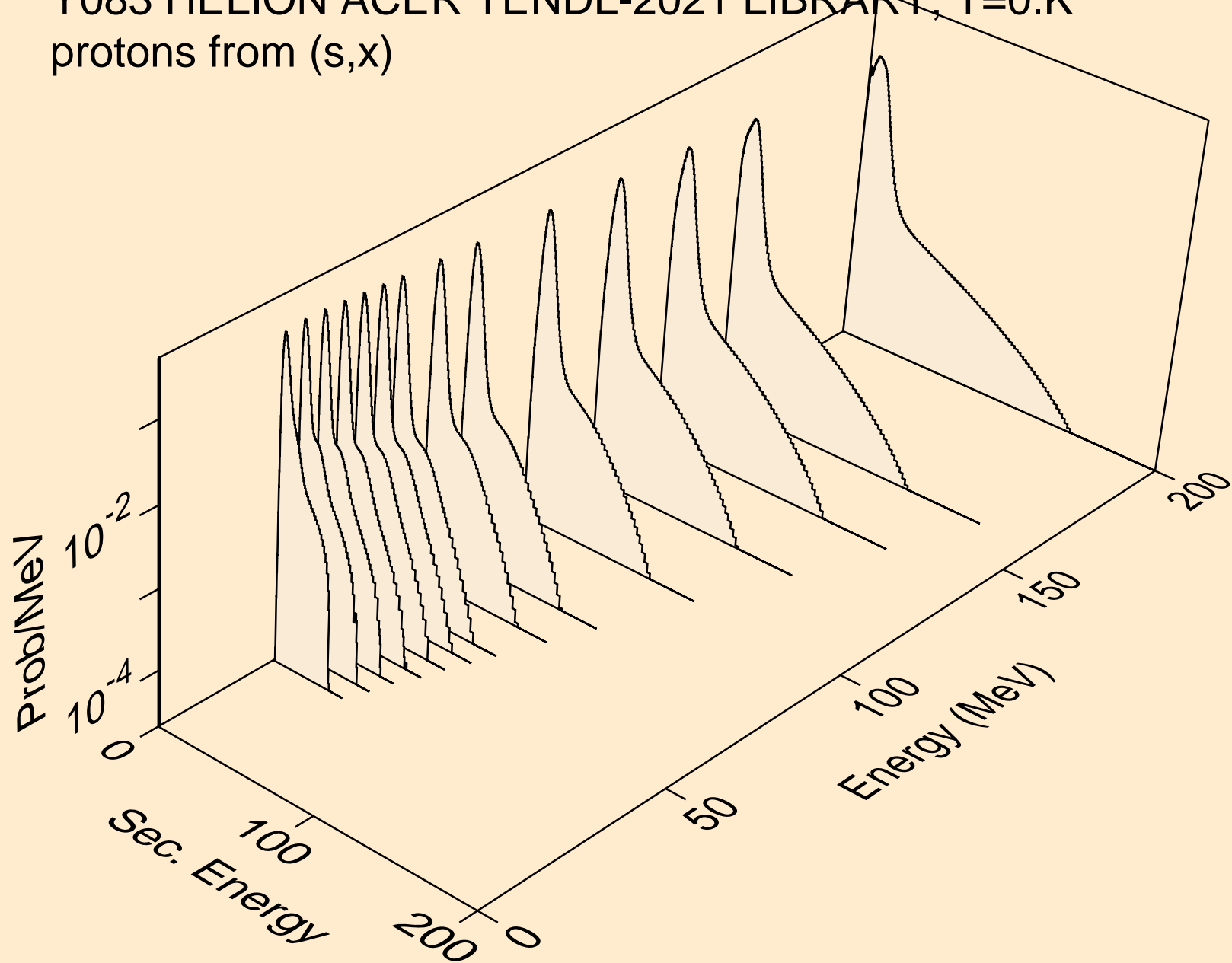




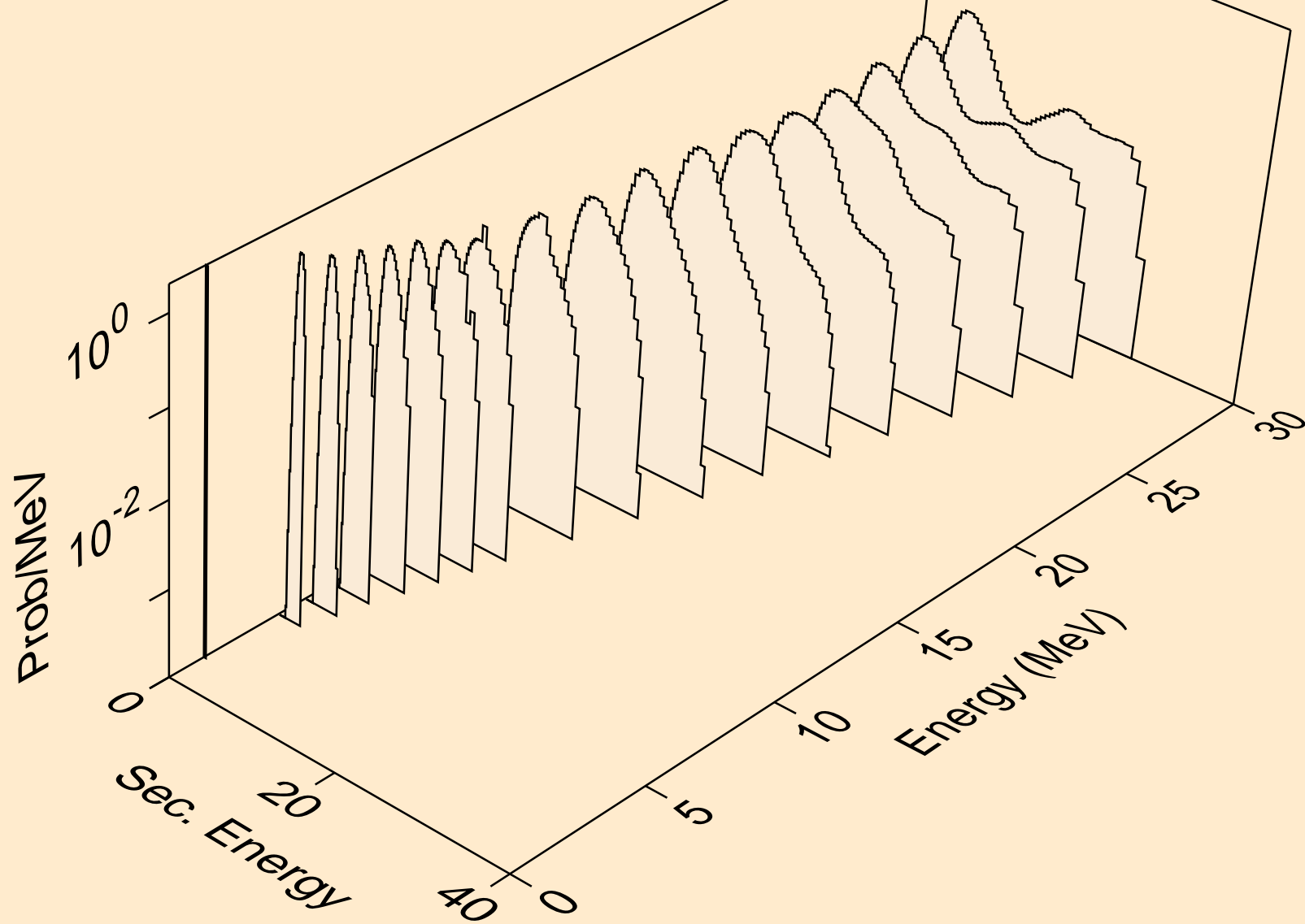
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



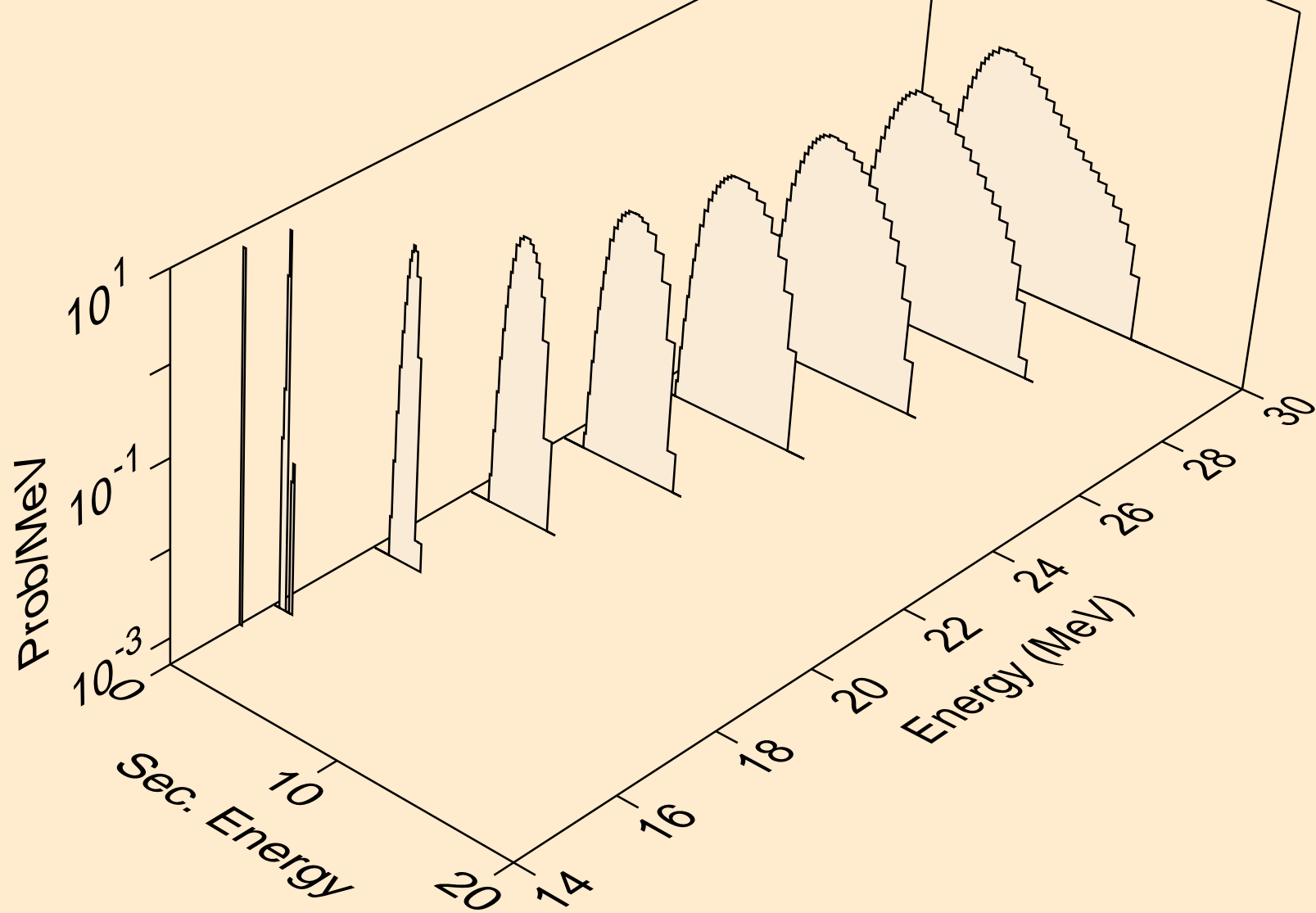
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



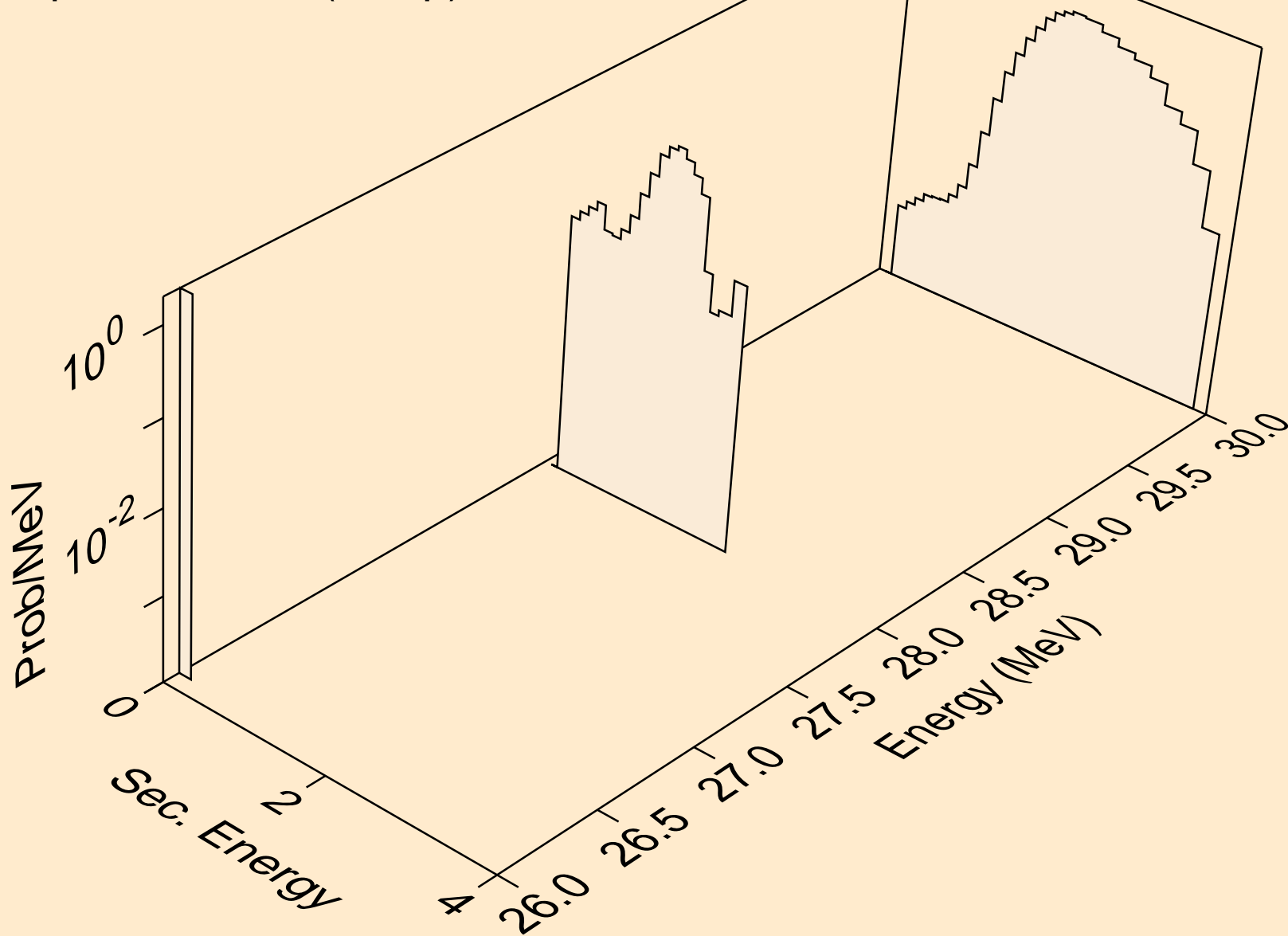
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



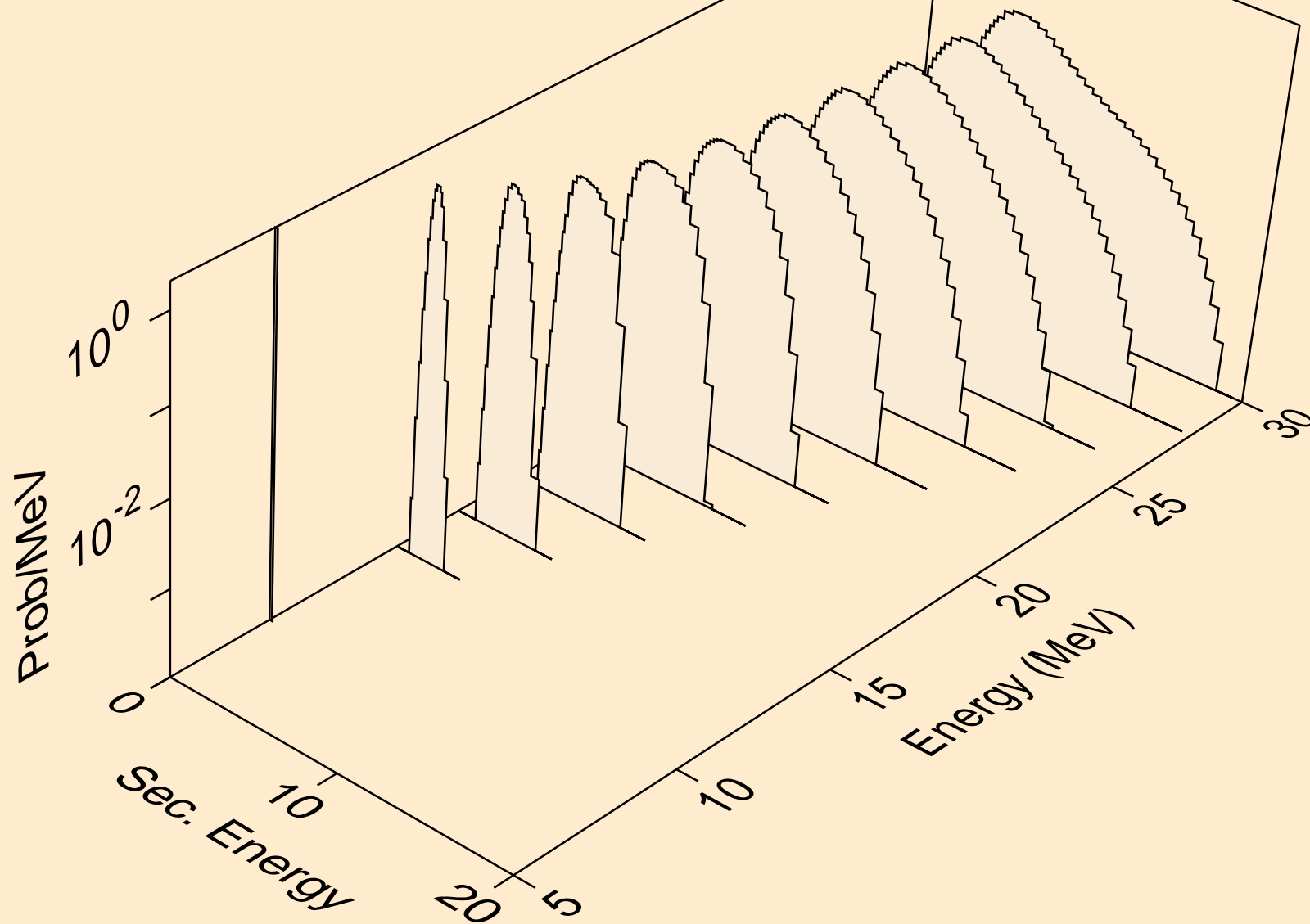
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



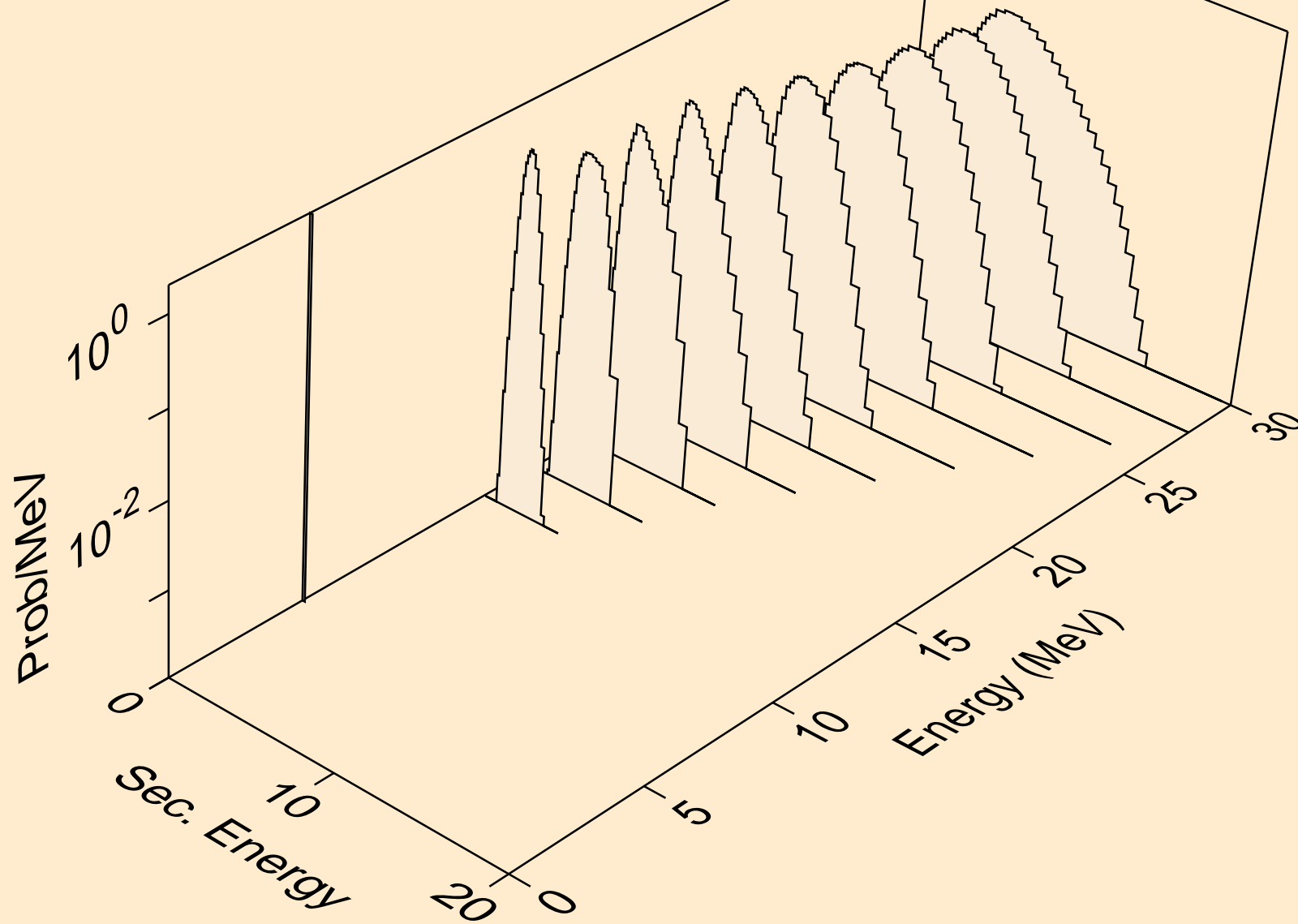
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)



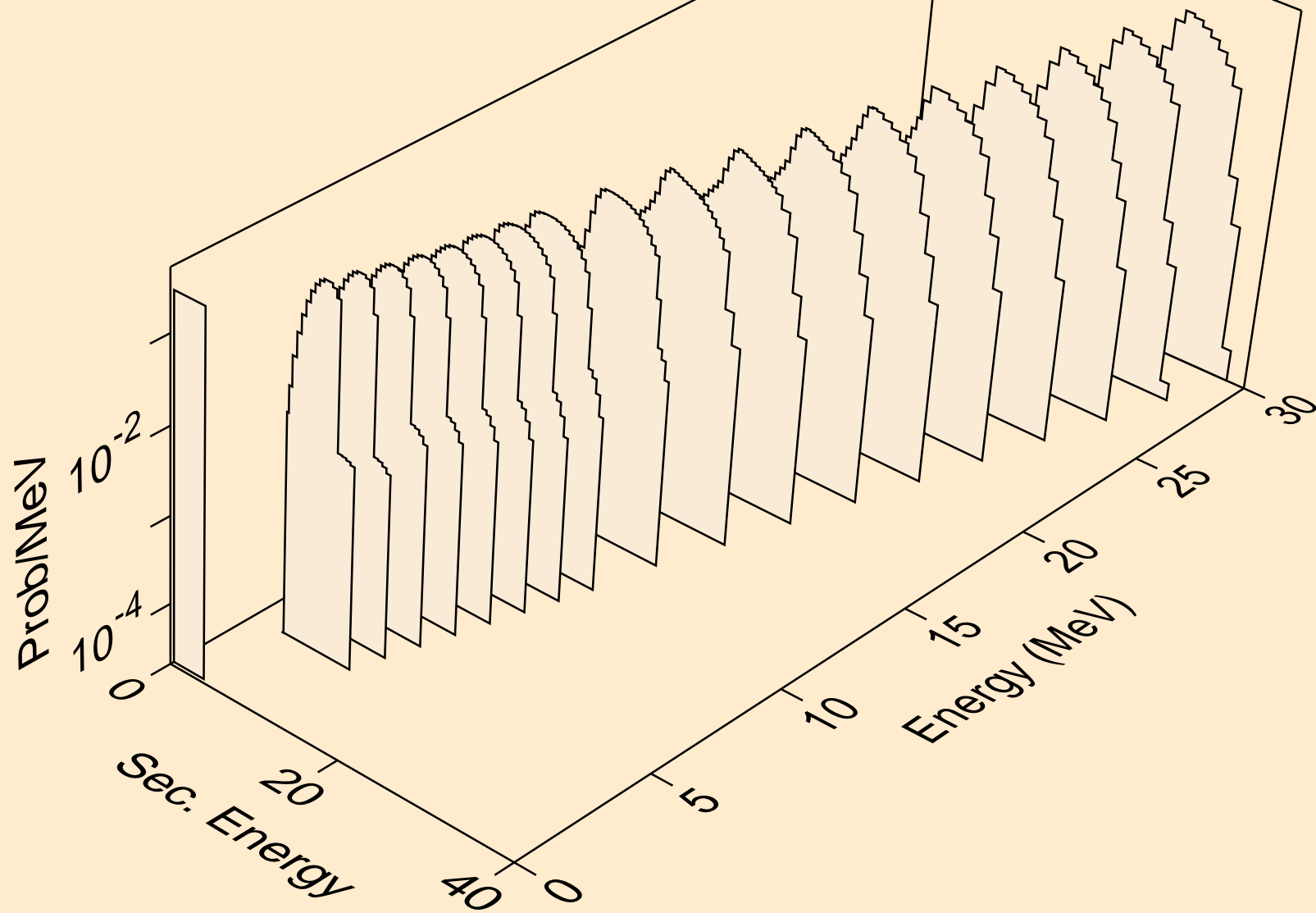
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)

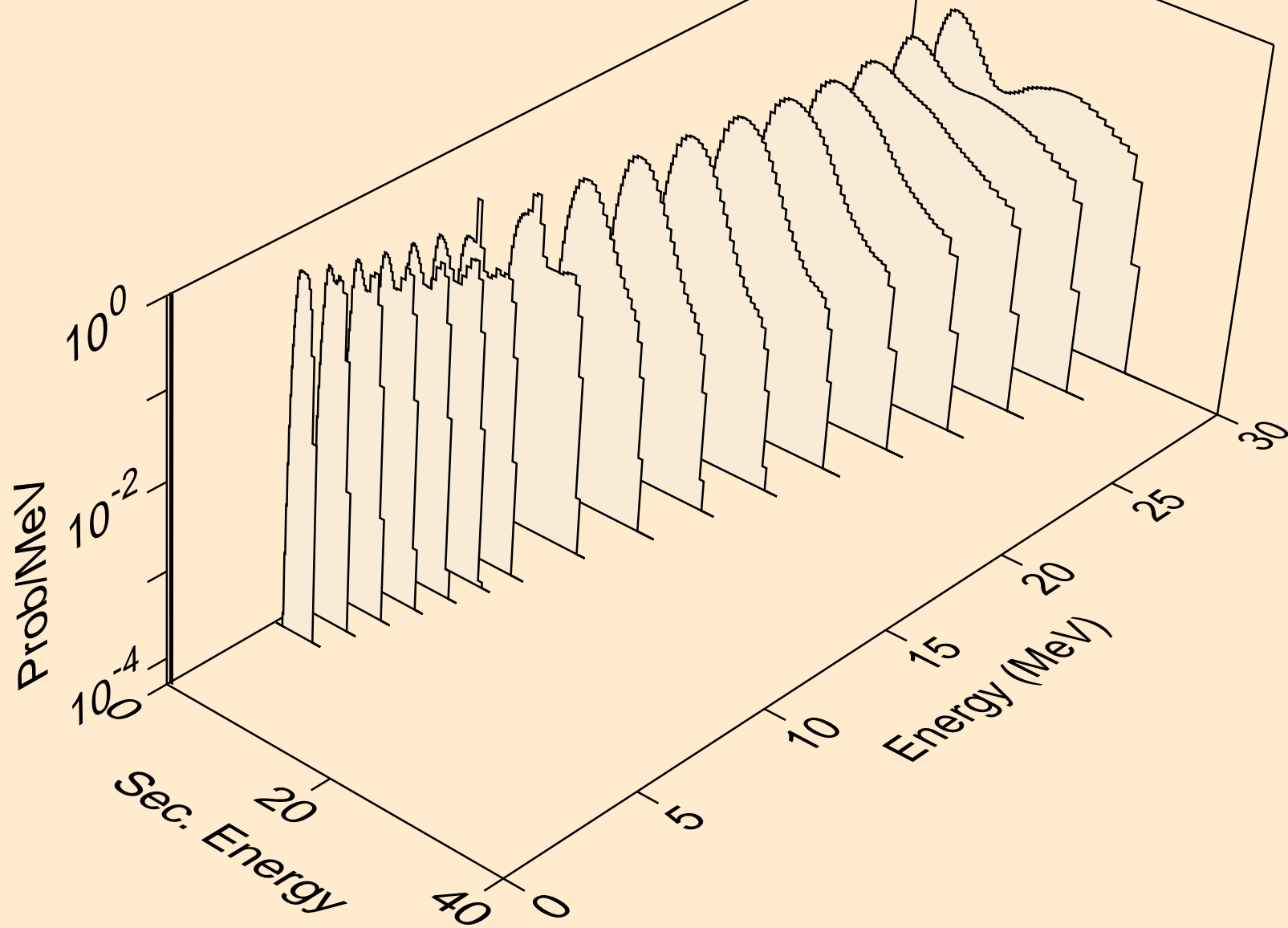


Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)

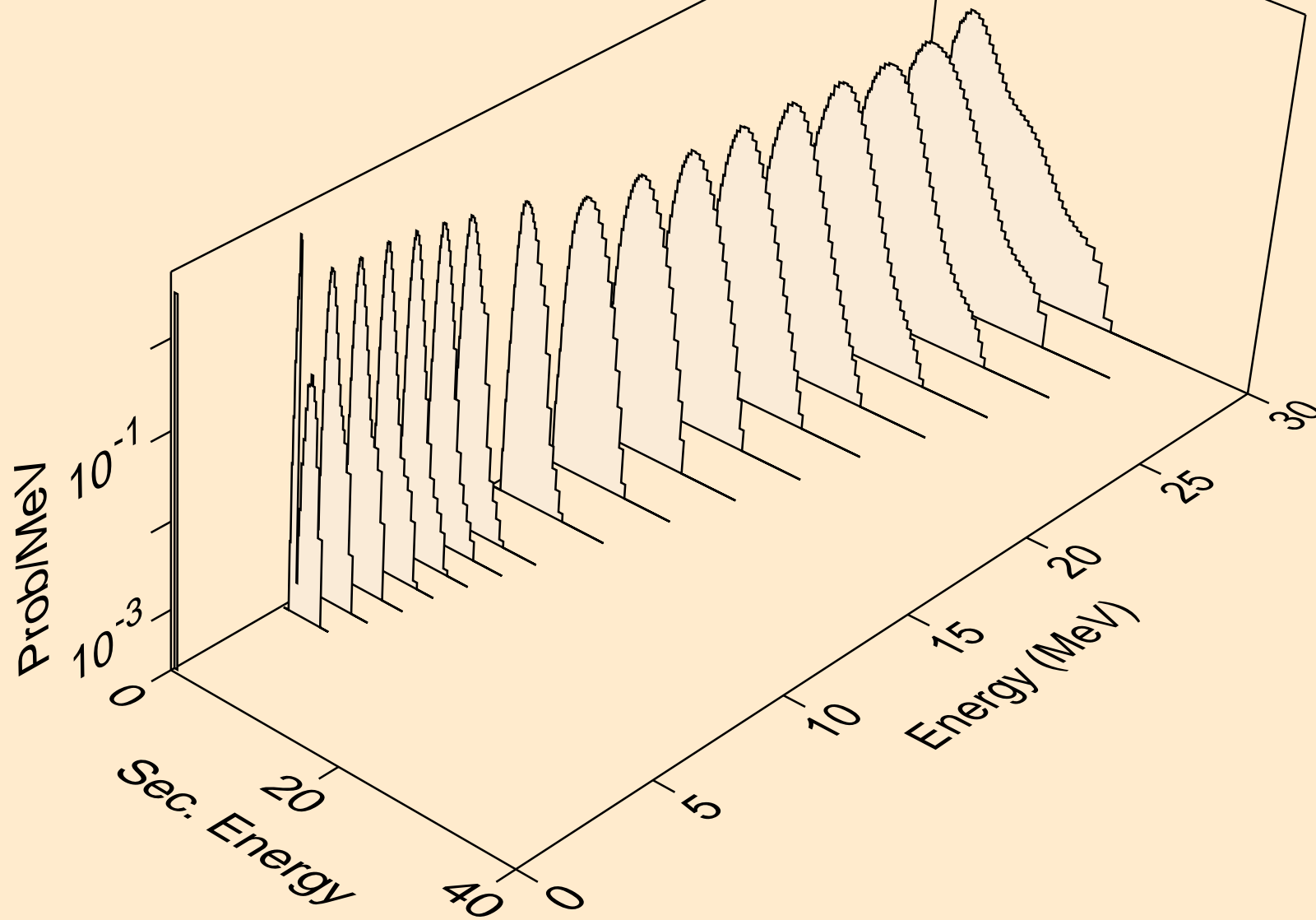




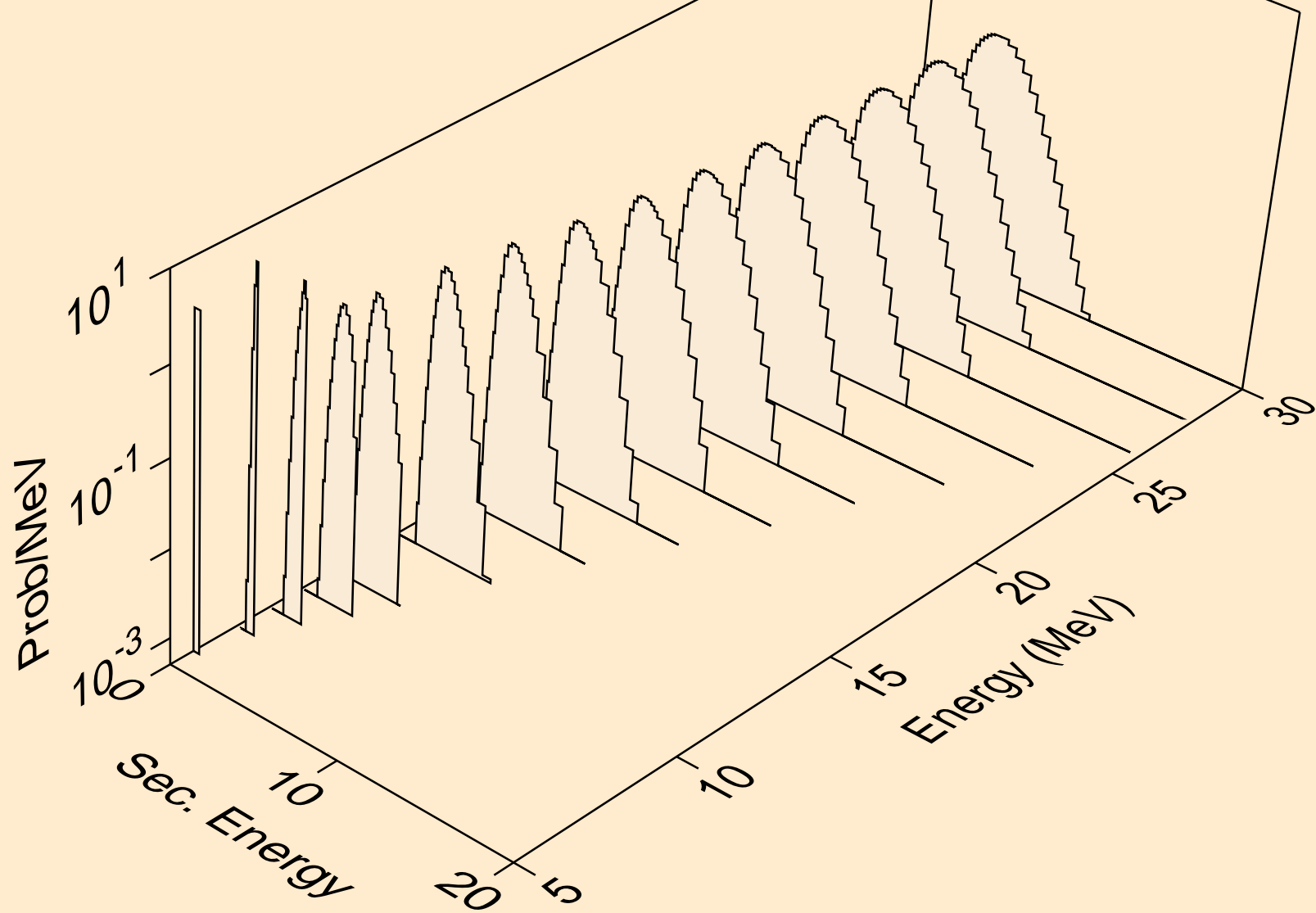
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



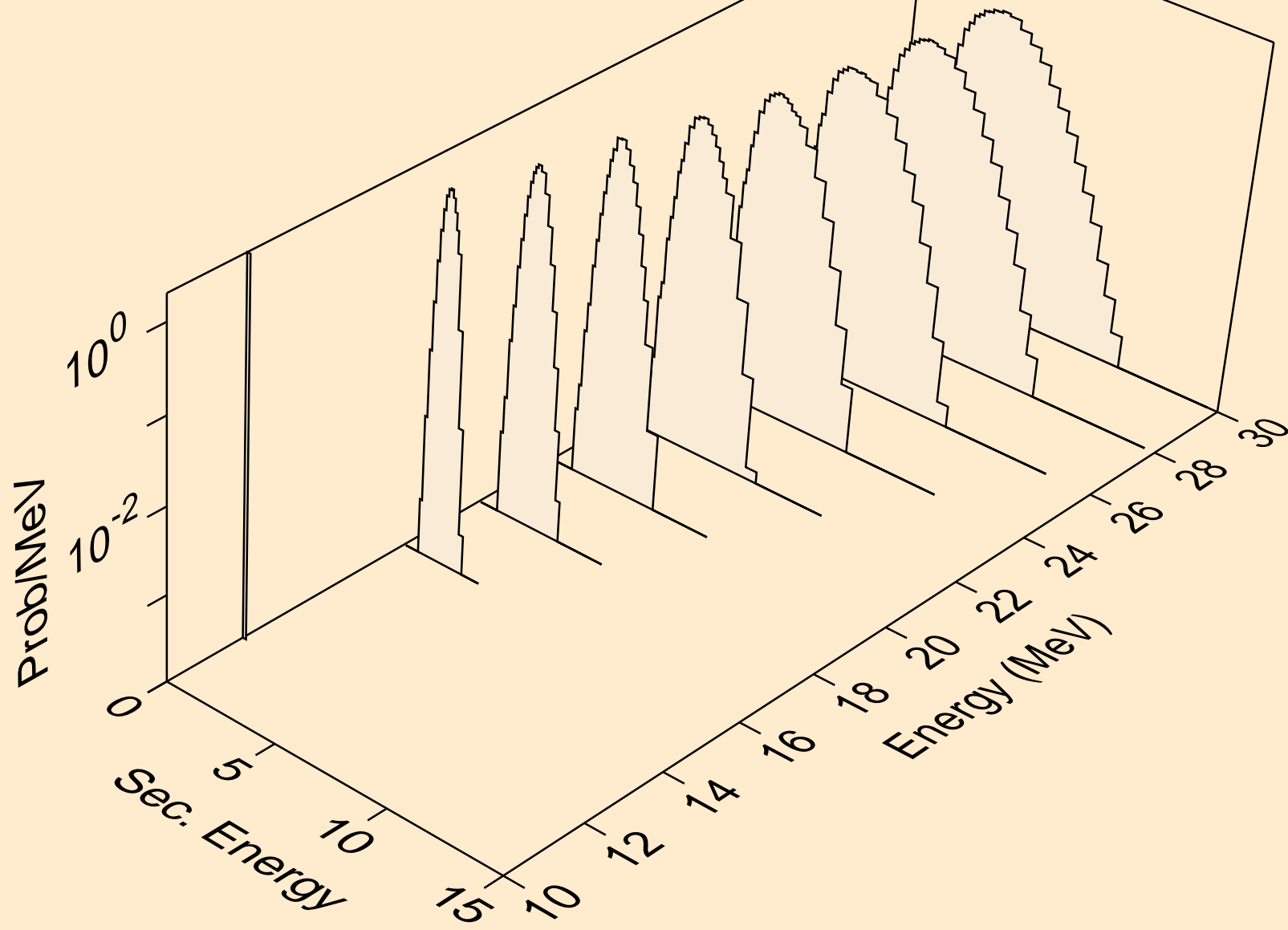
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



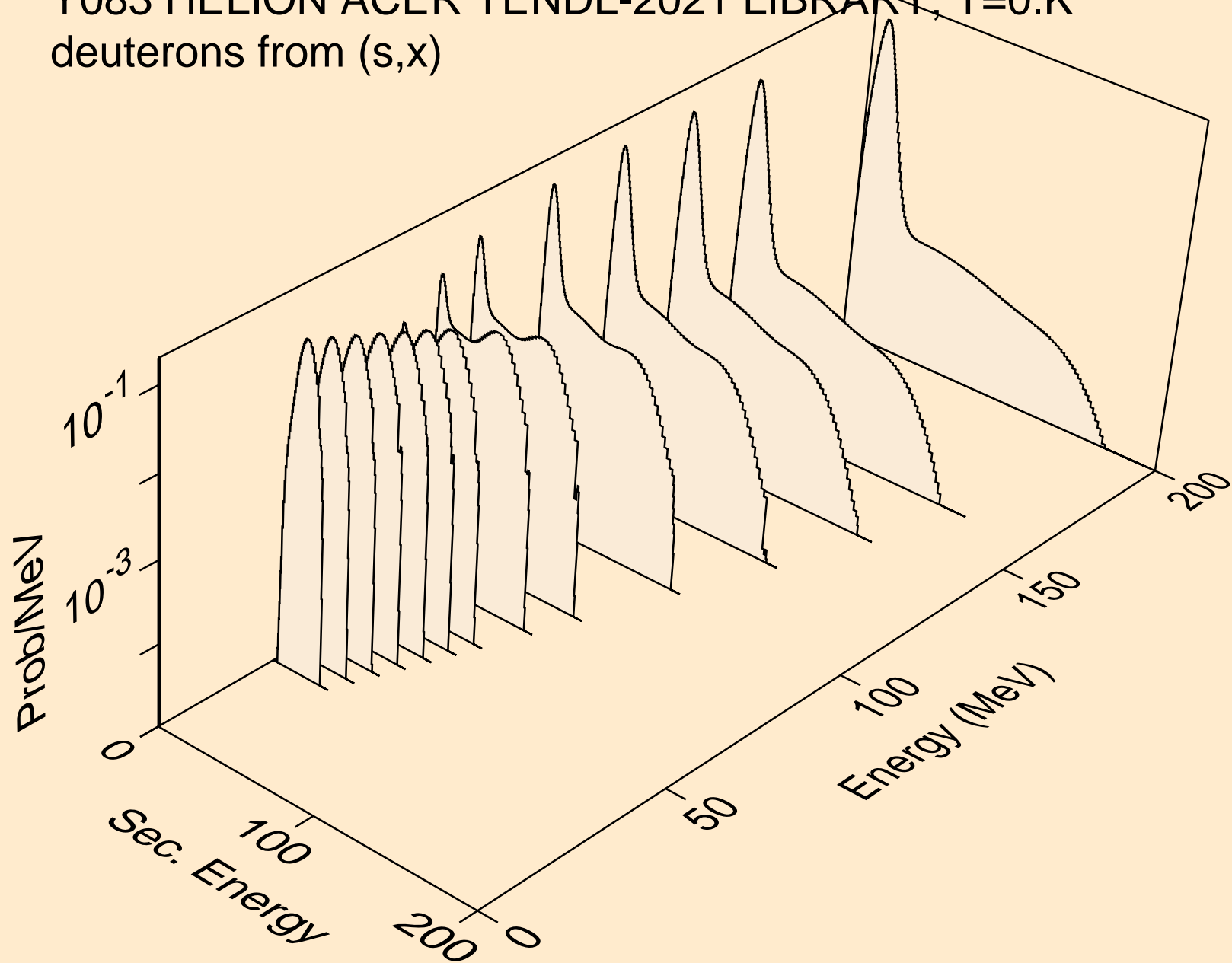
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



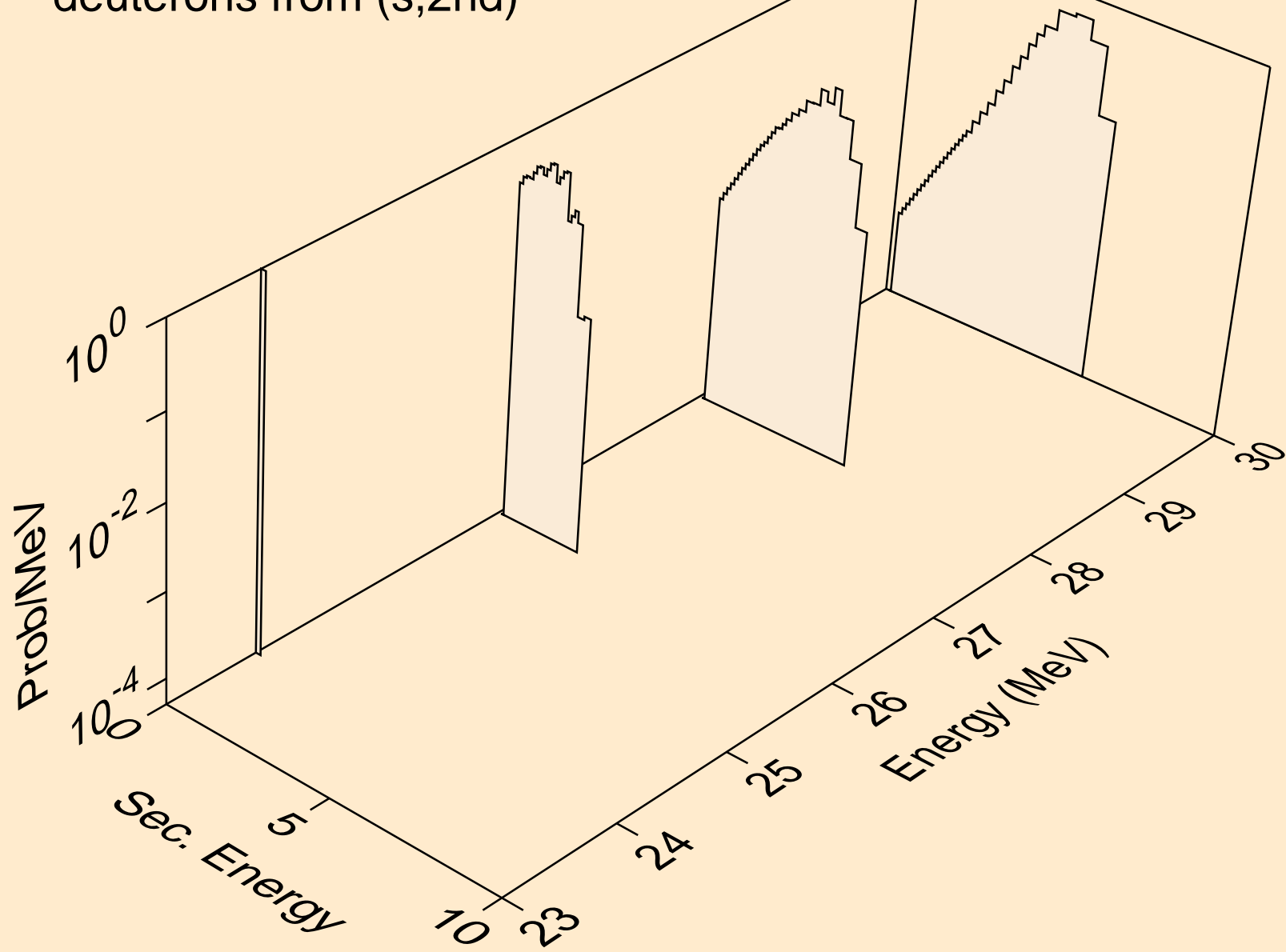
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



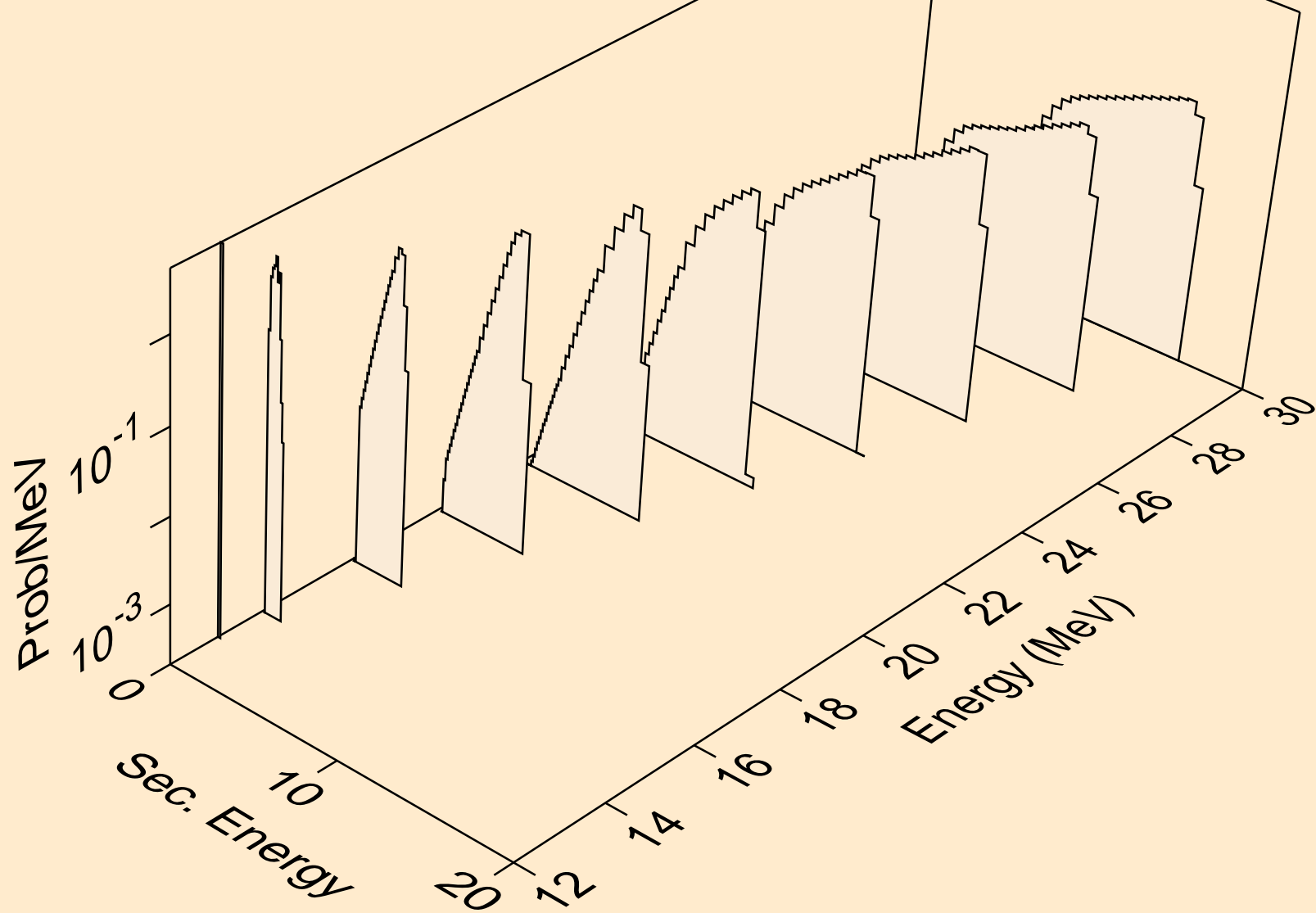
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



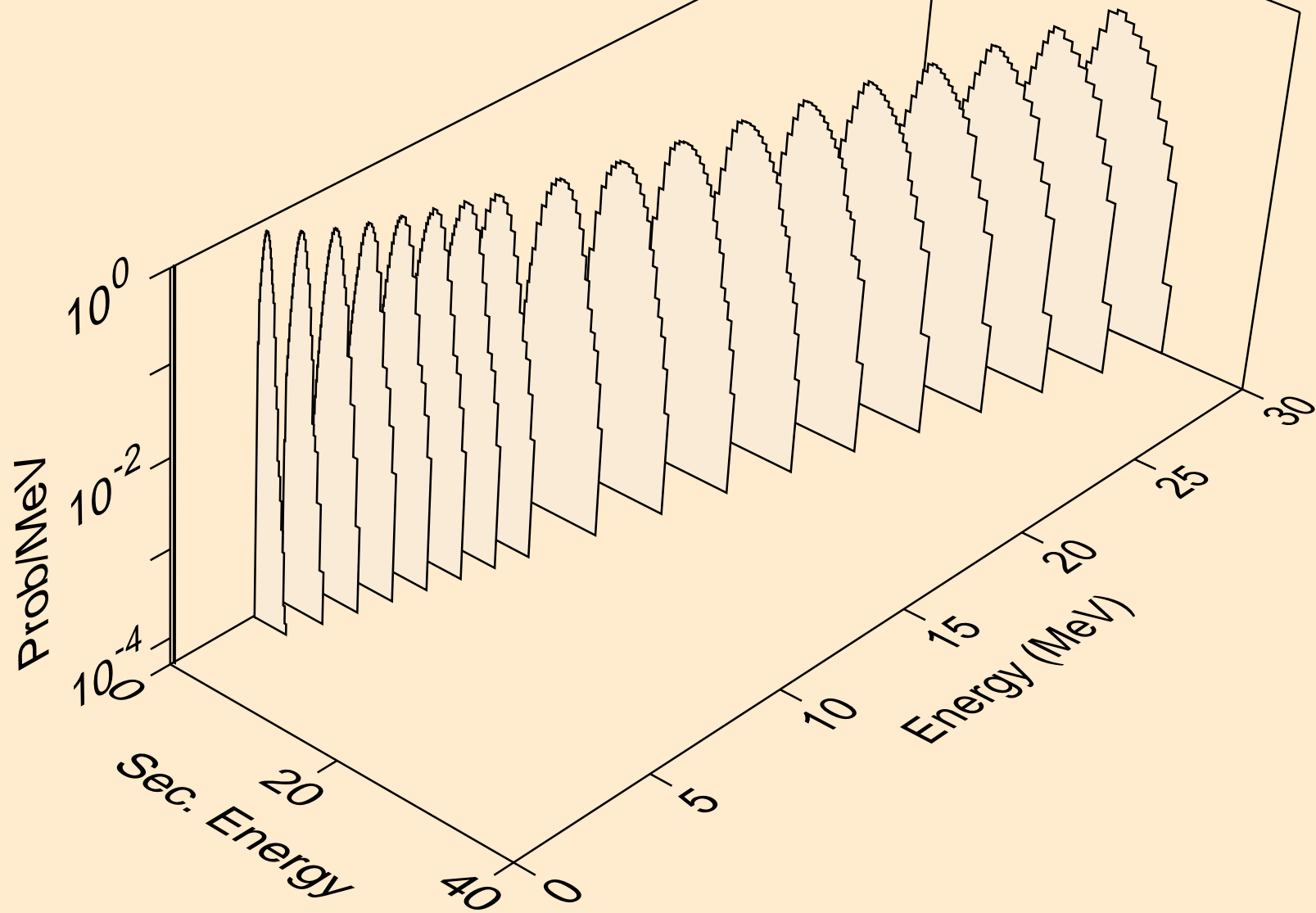
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d

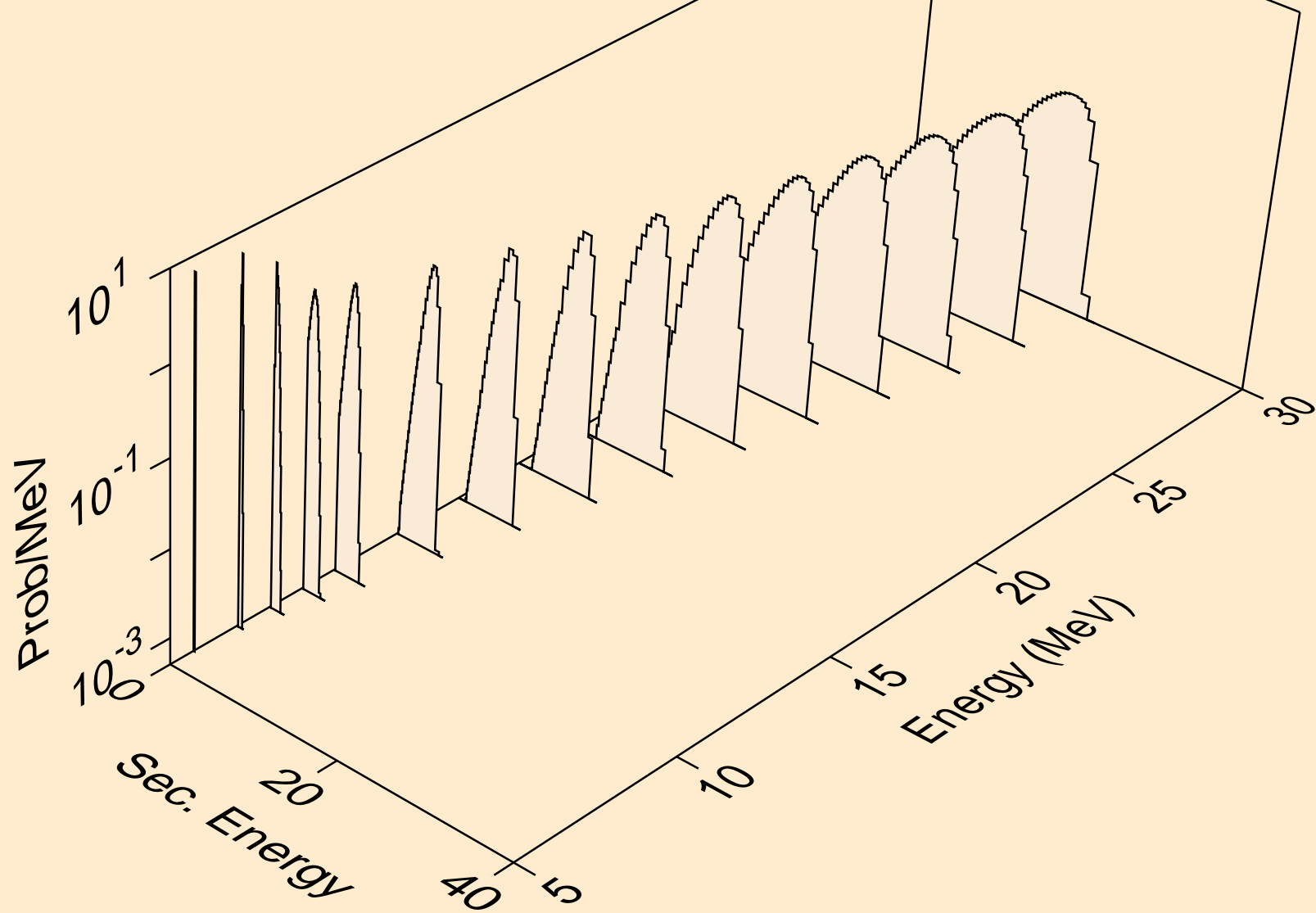


Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)

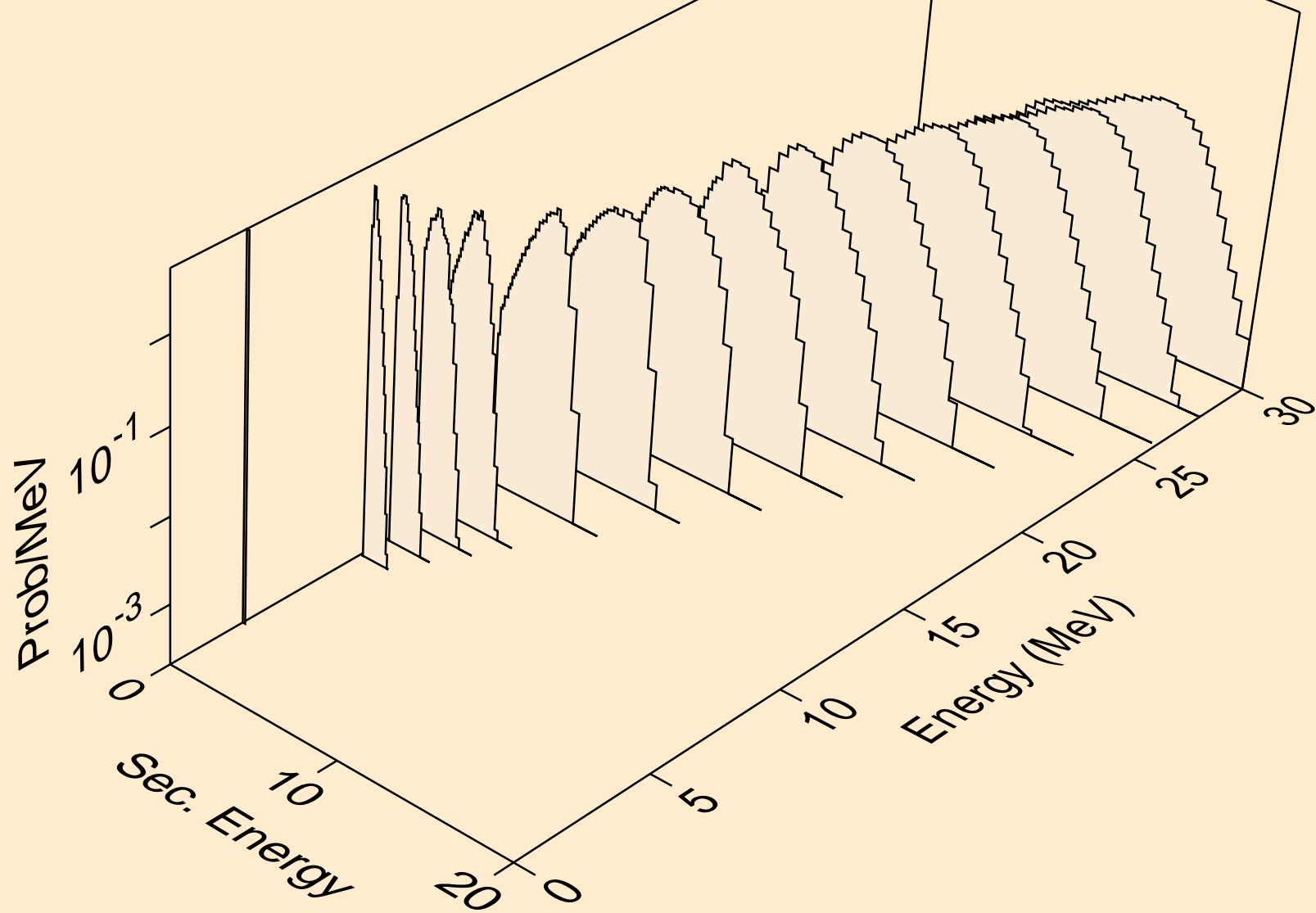




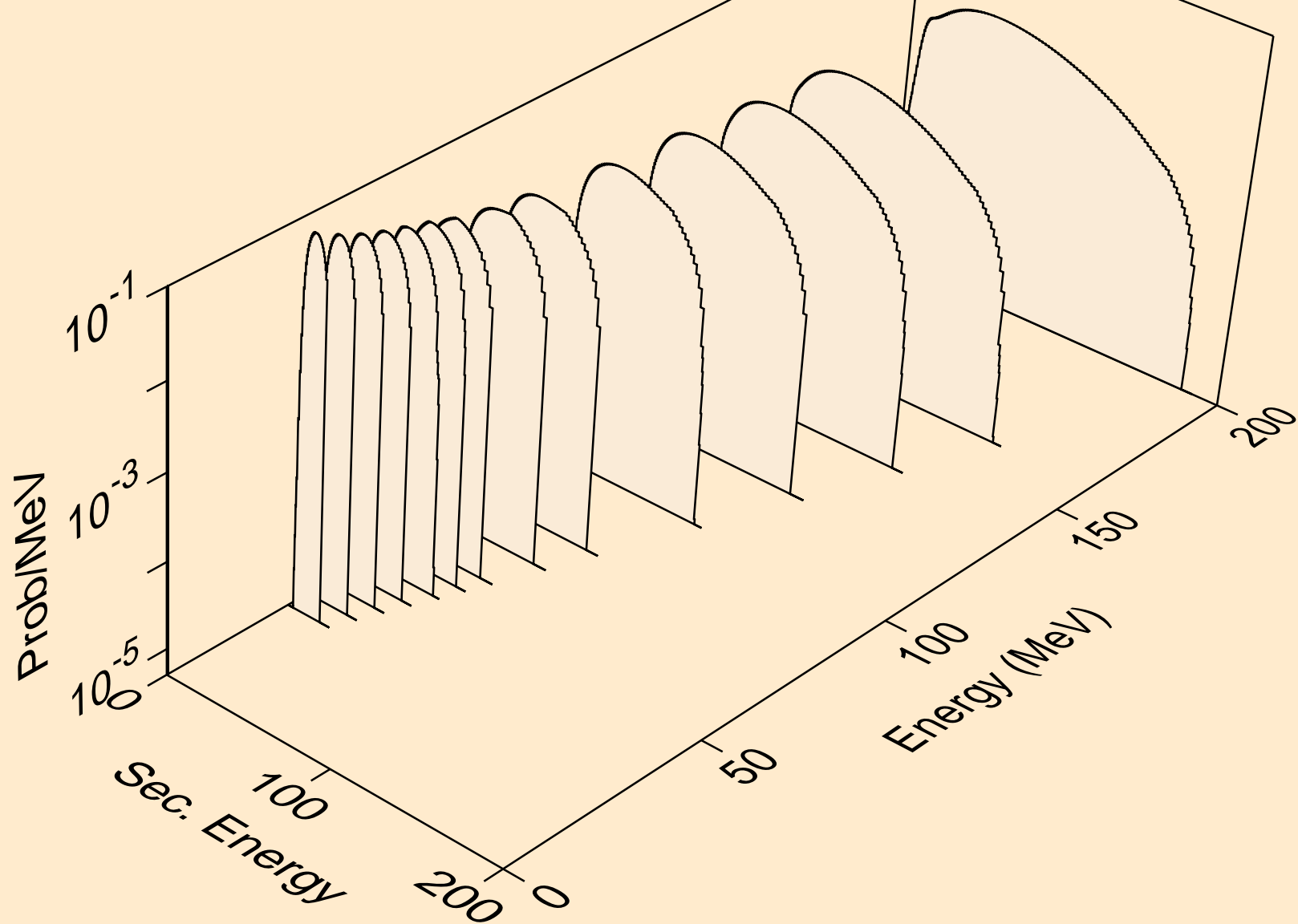
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



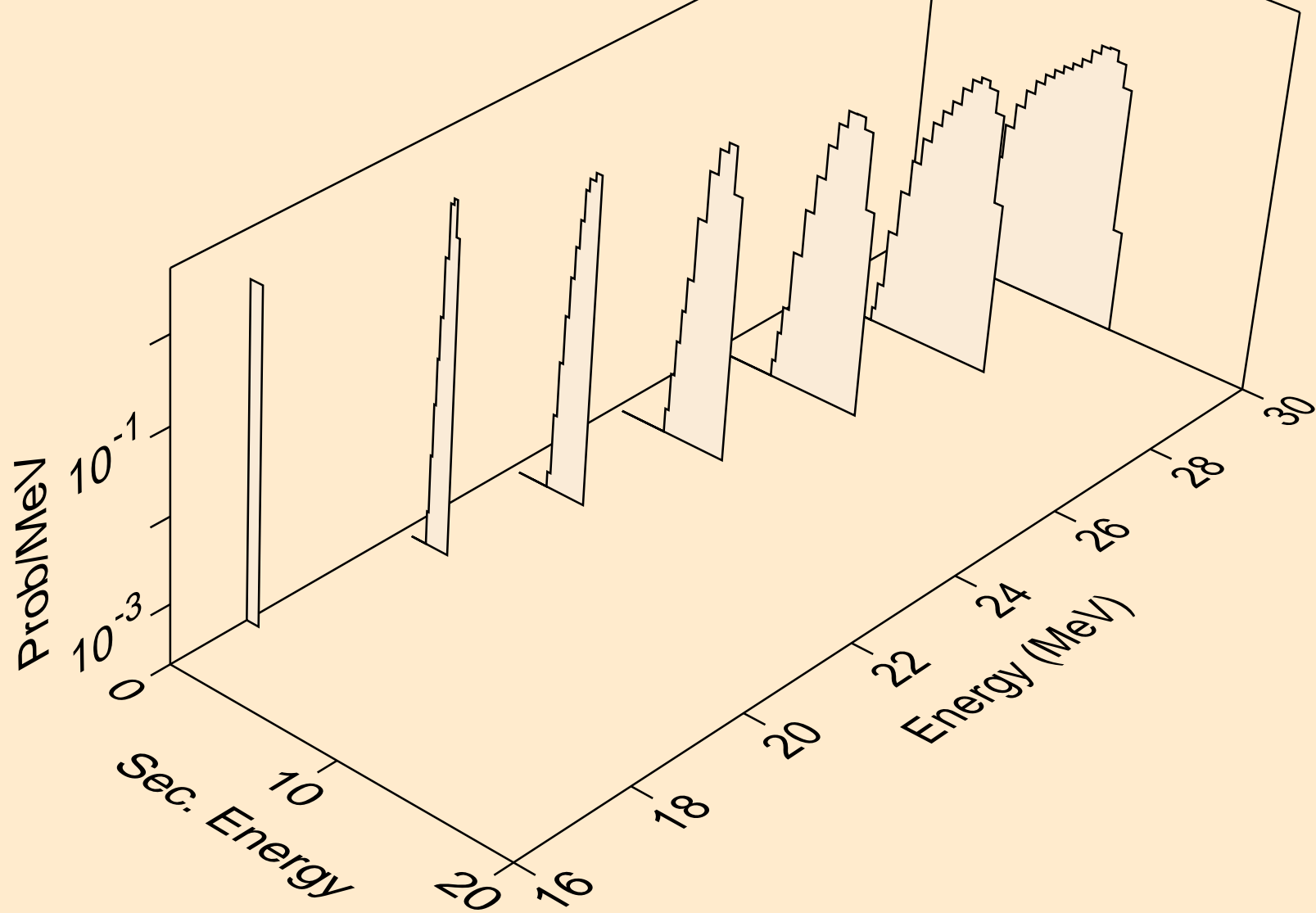
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



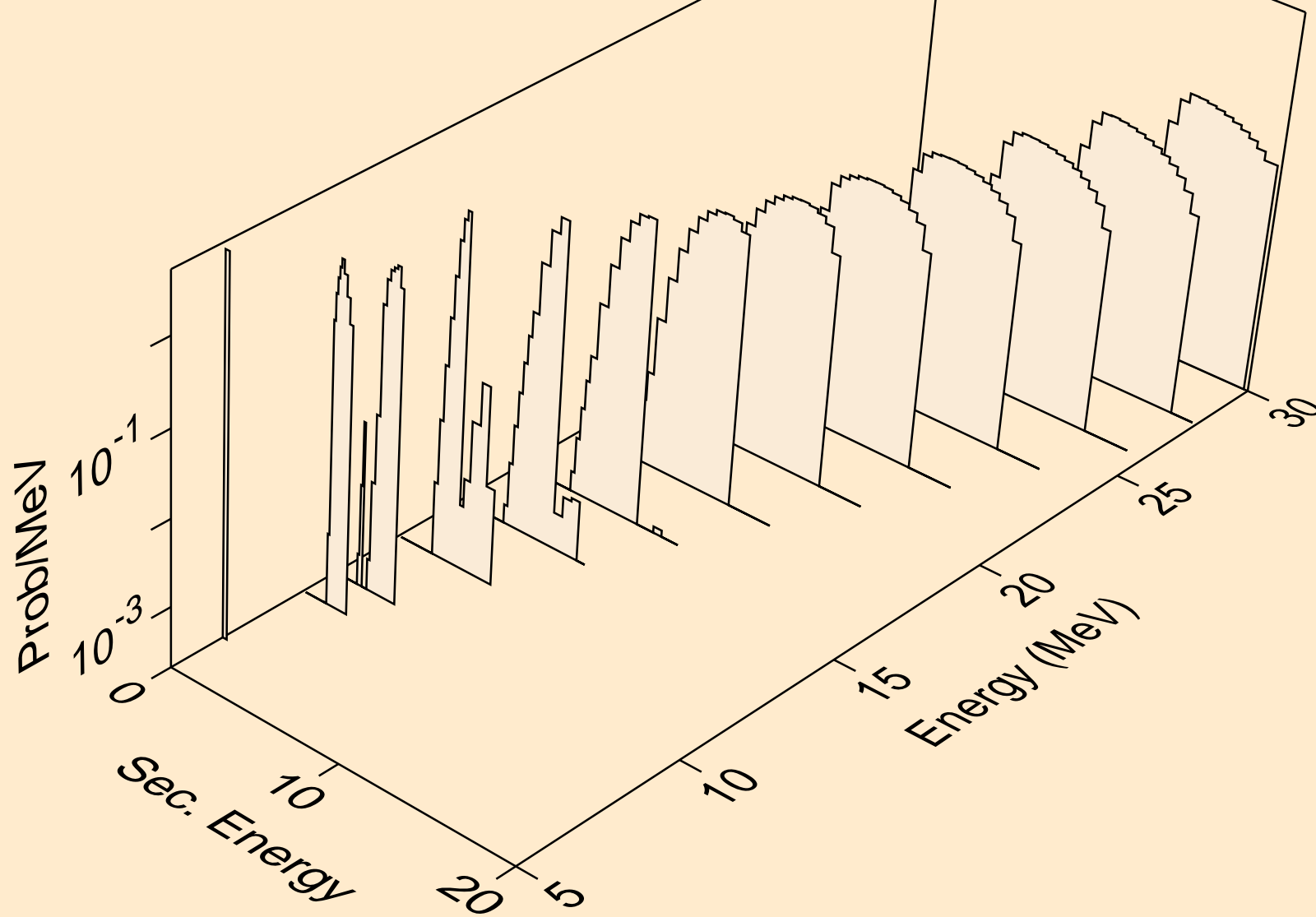
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



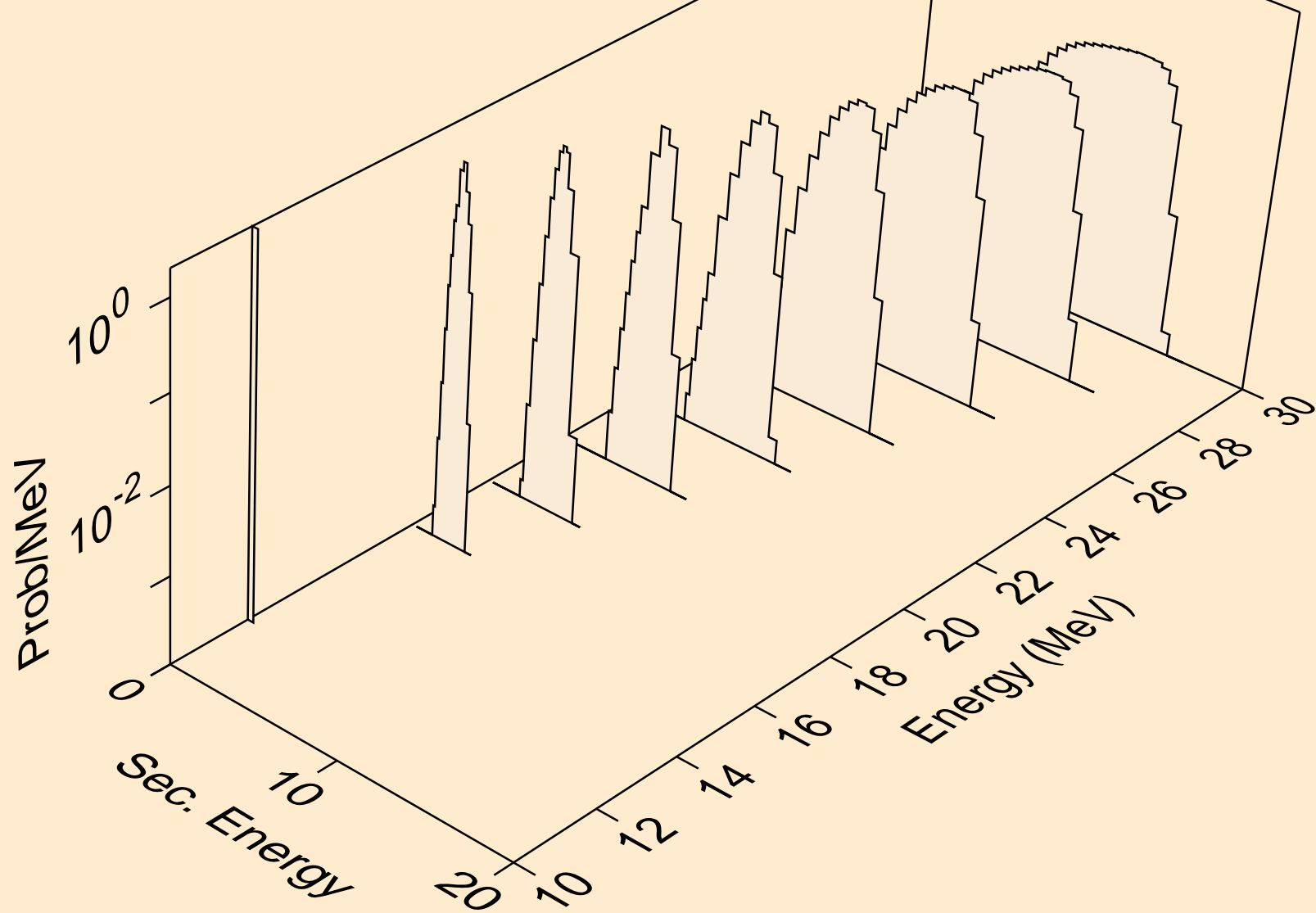
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



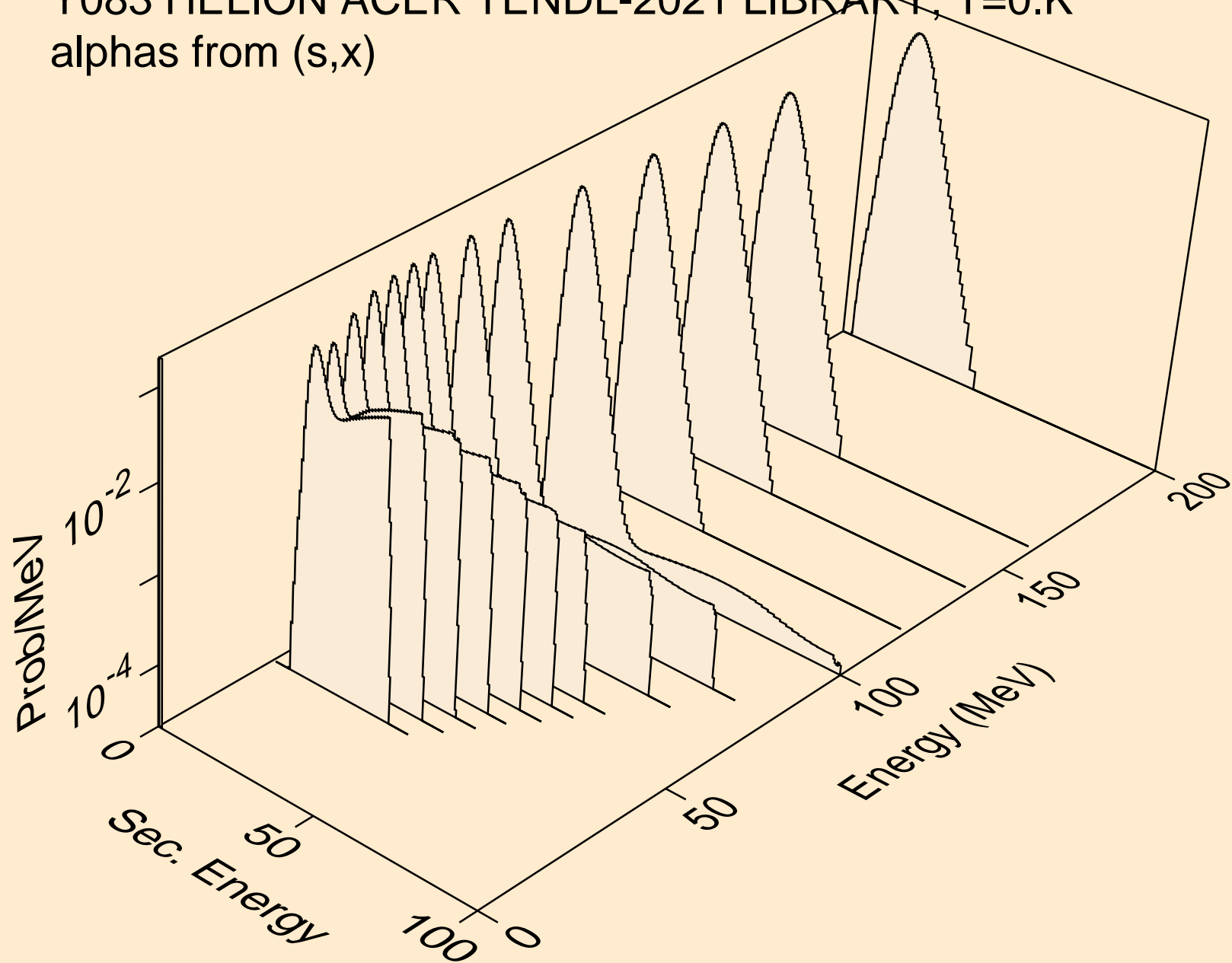
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)



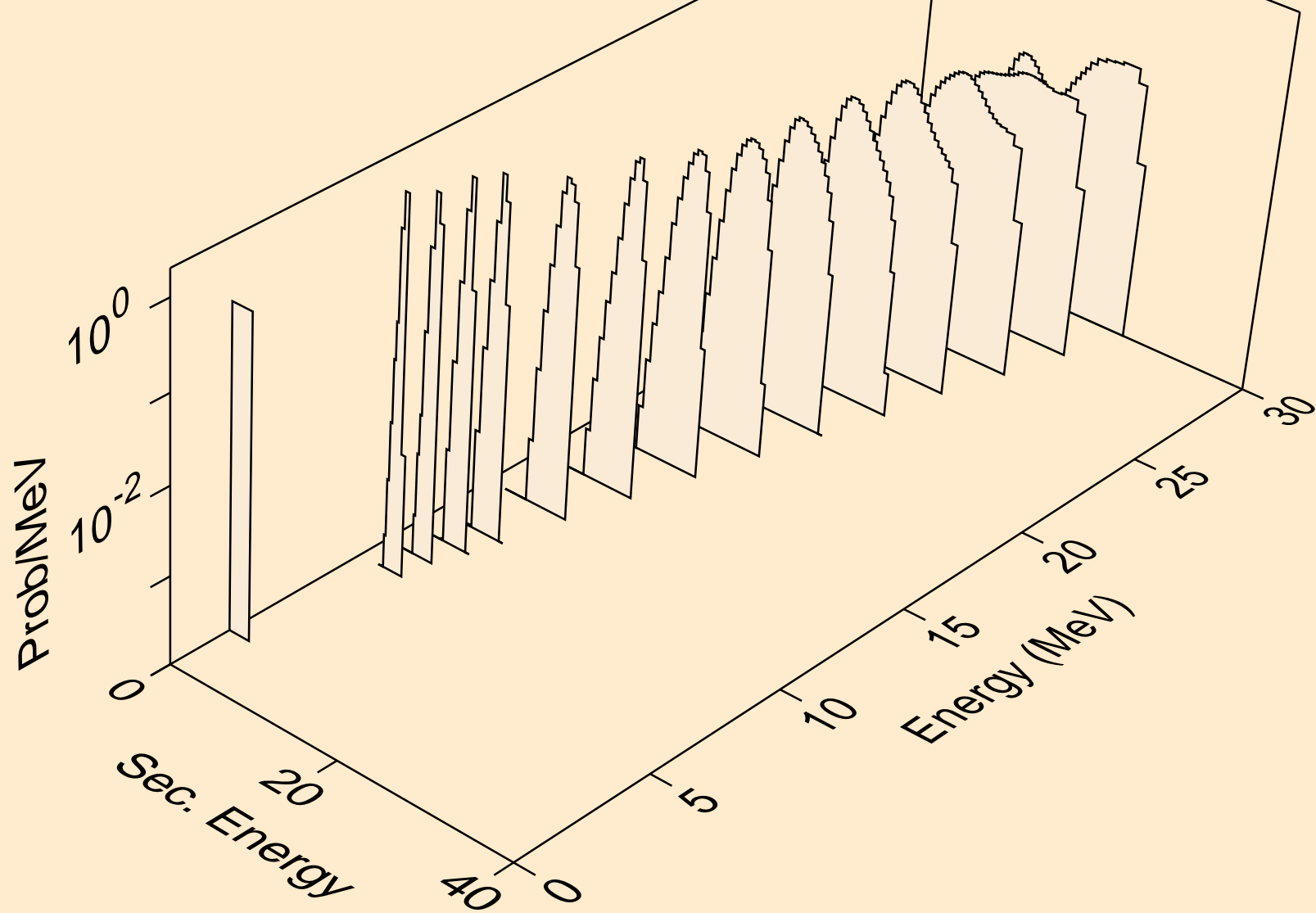
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

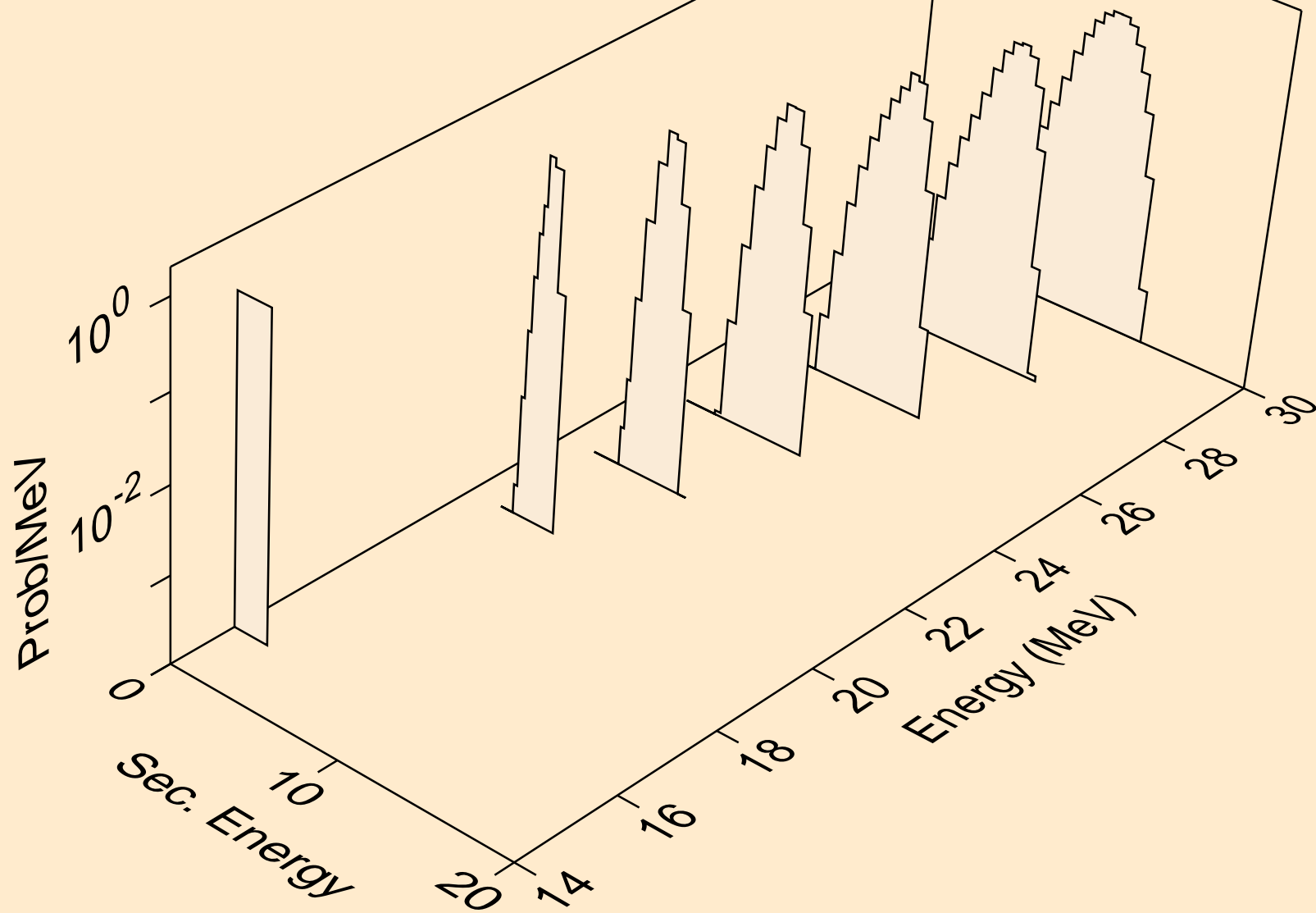


Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a

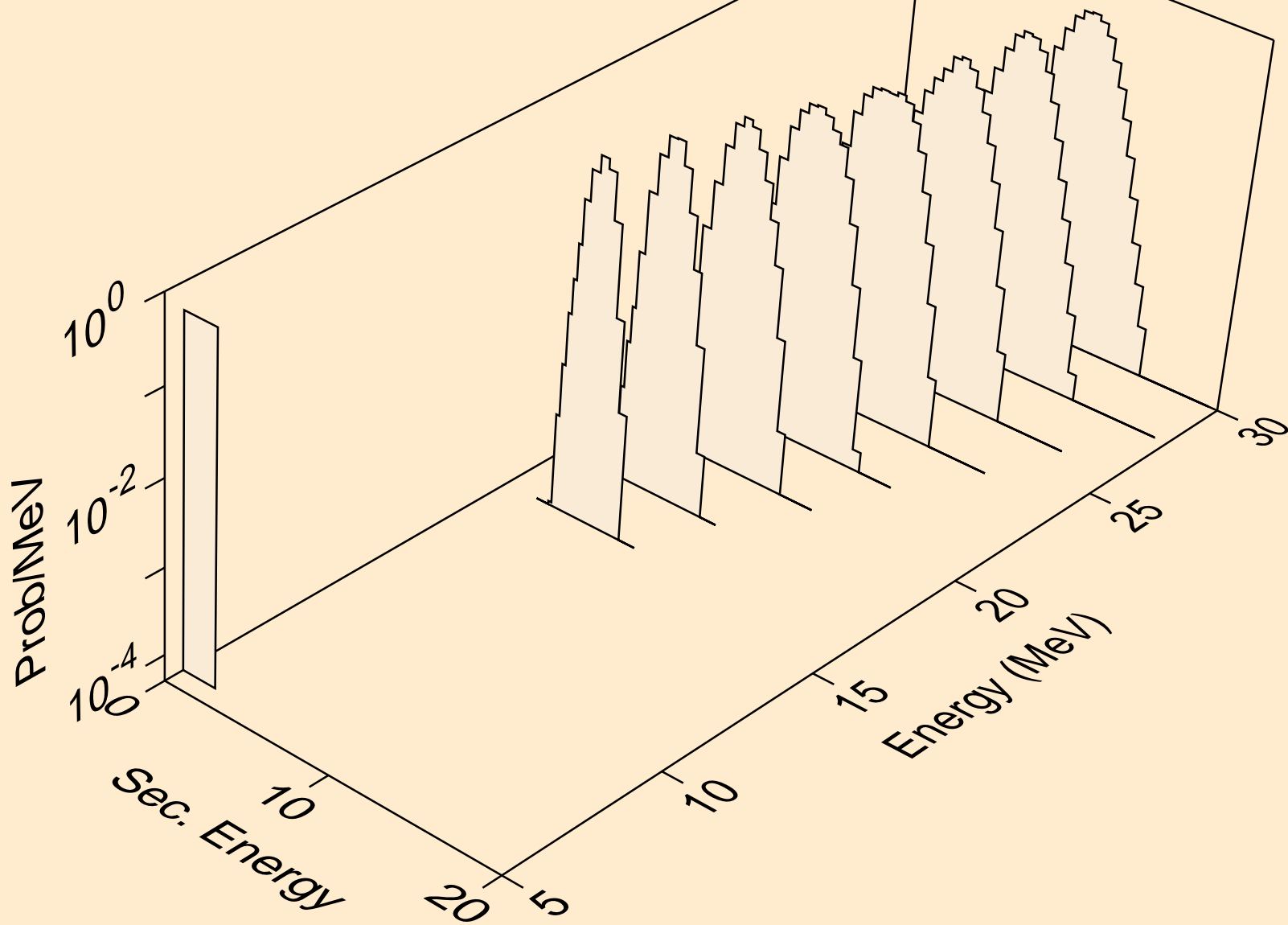




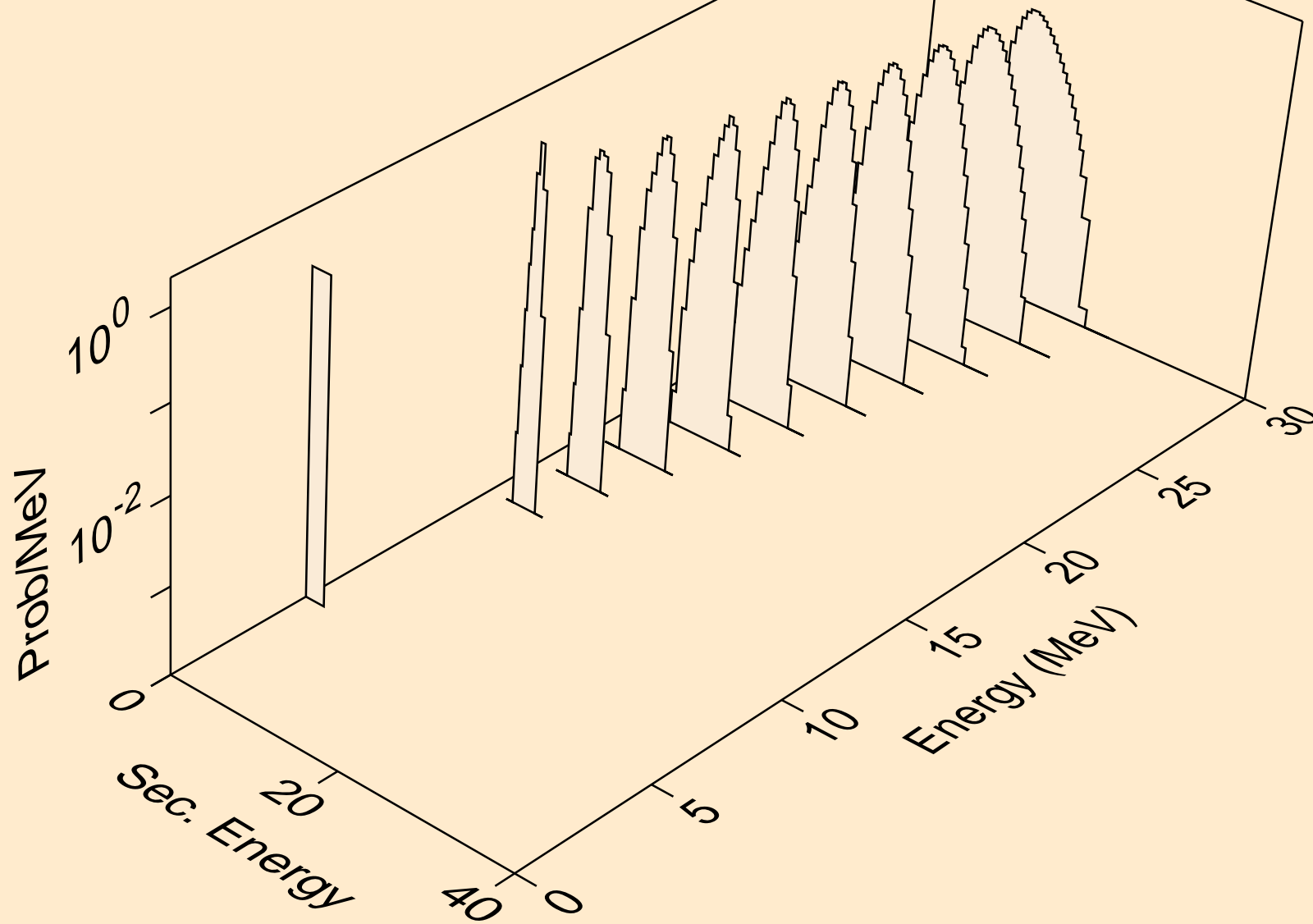
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



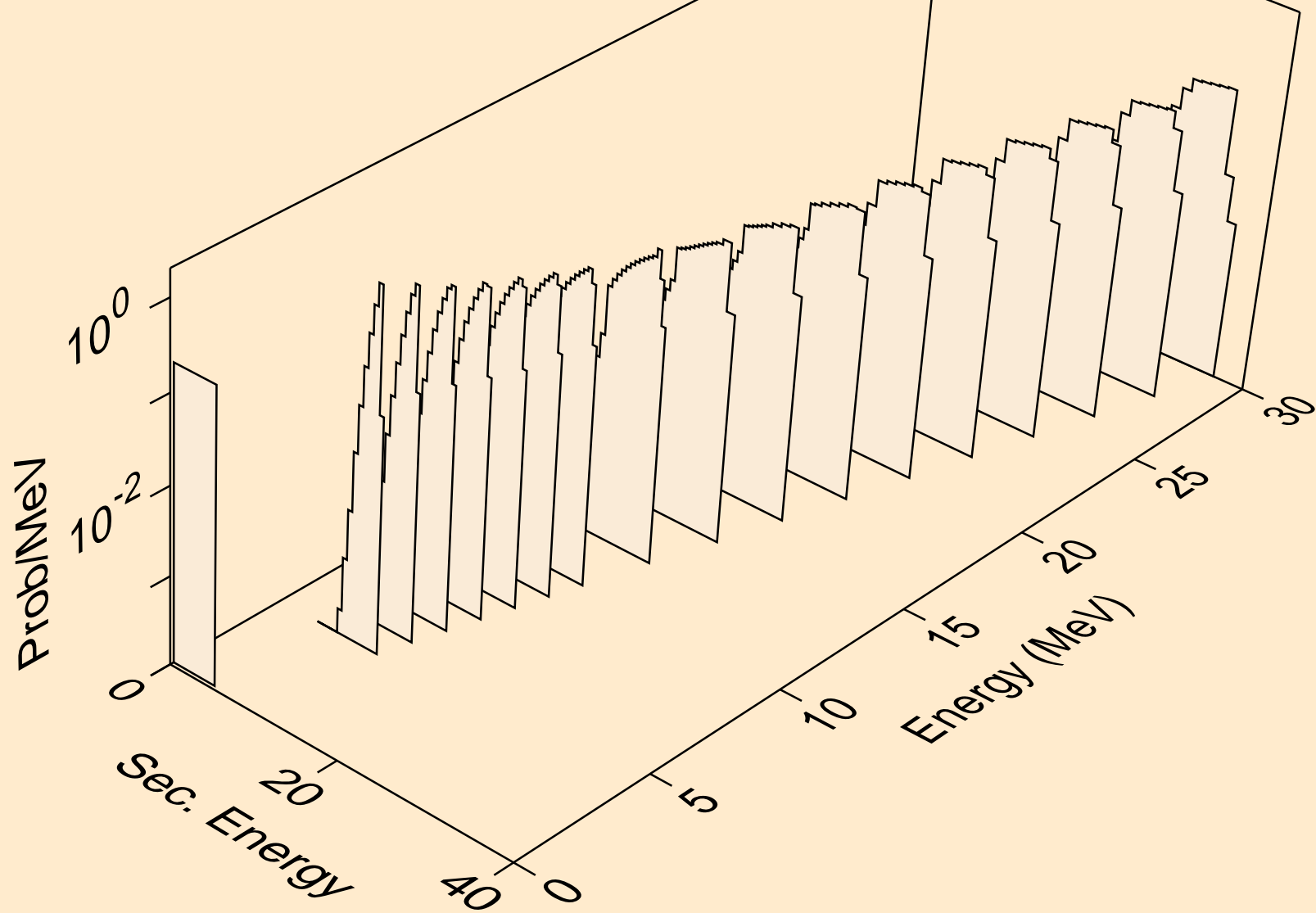
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



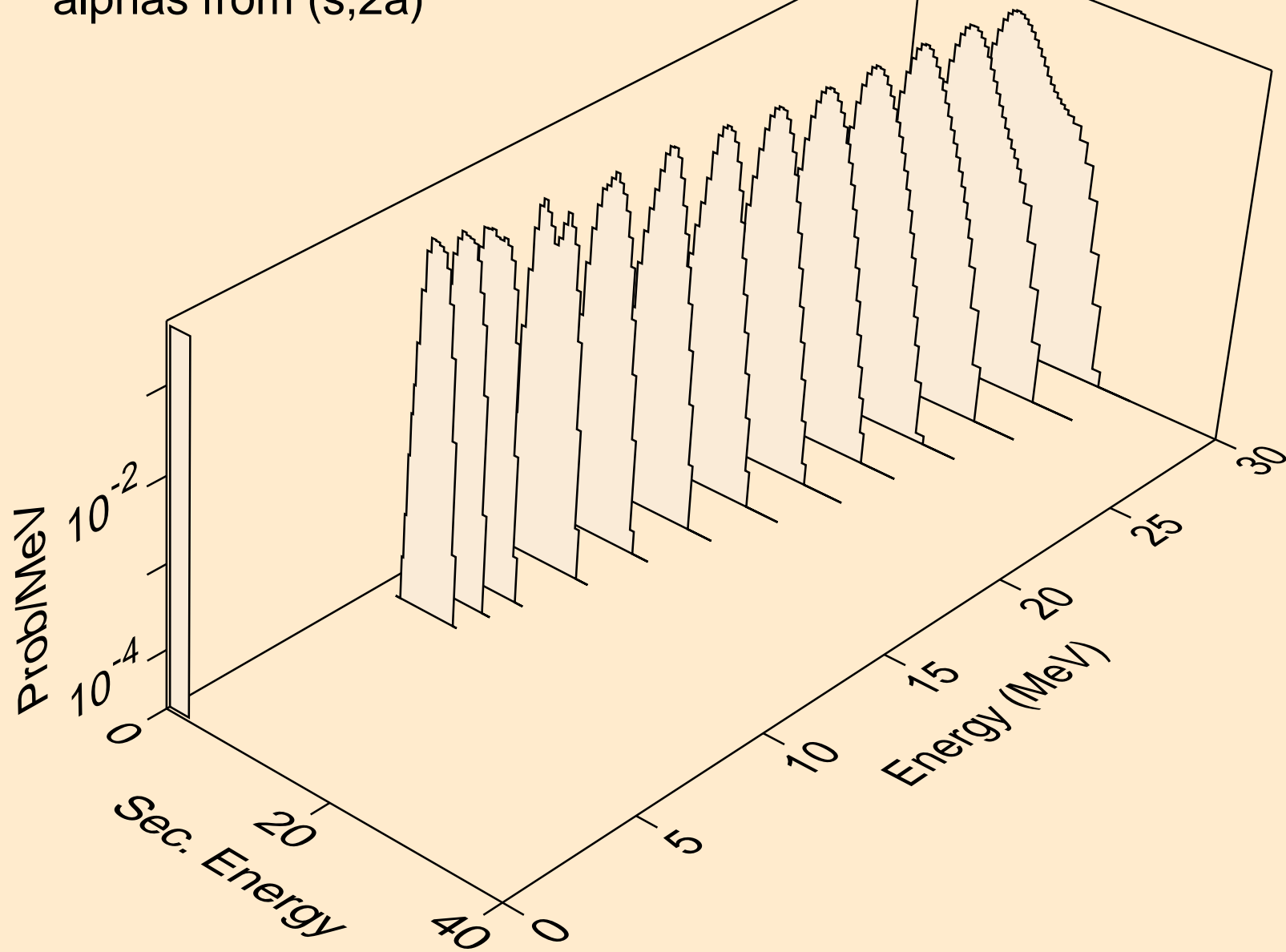
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



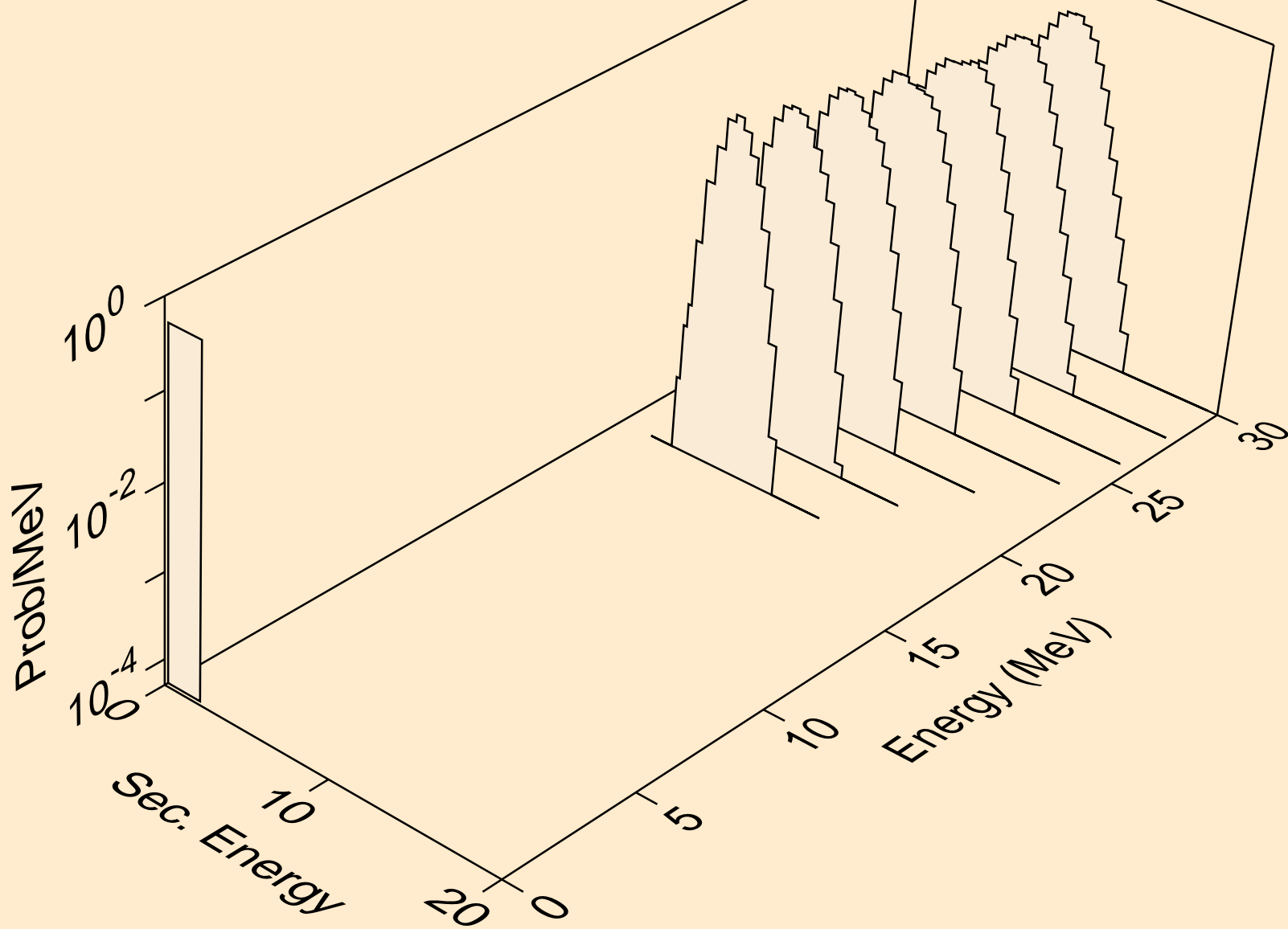
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



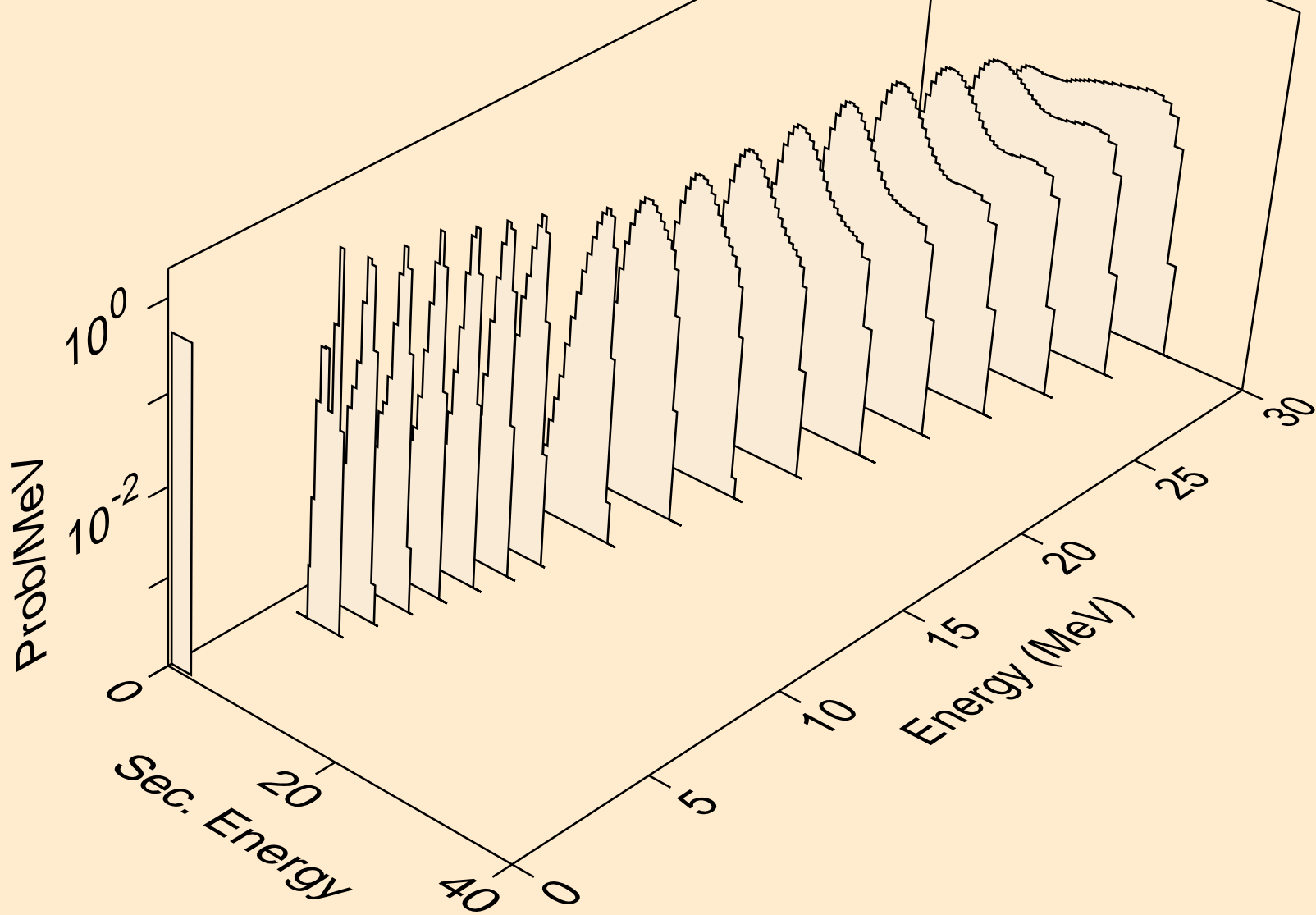
Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3a)



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



Y083 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

