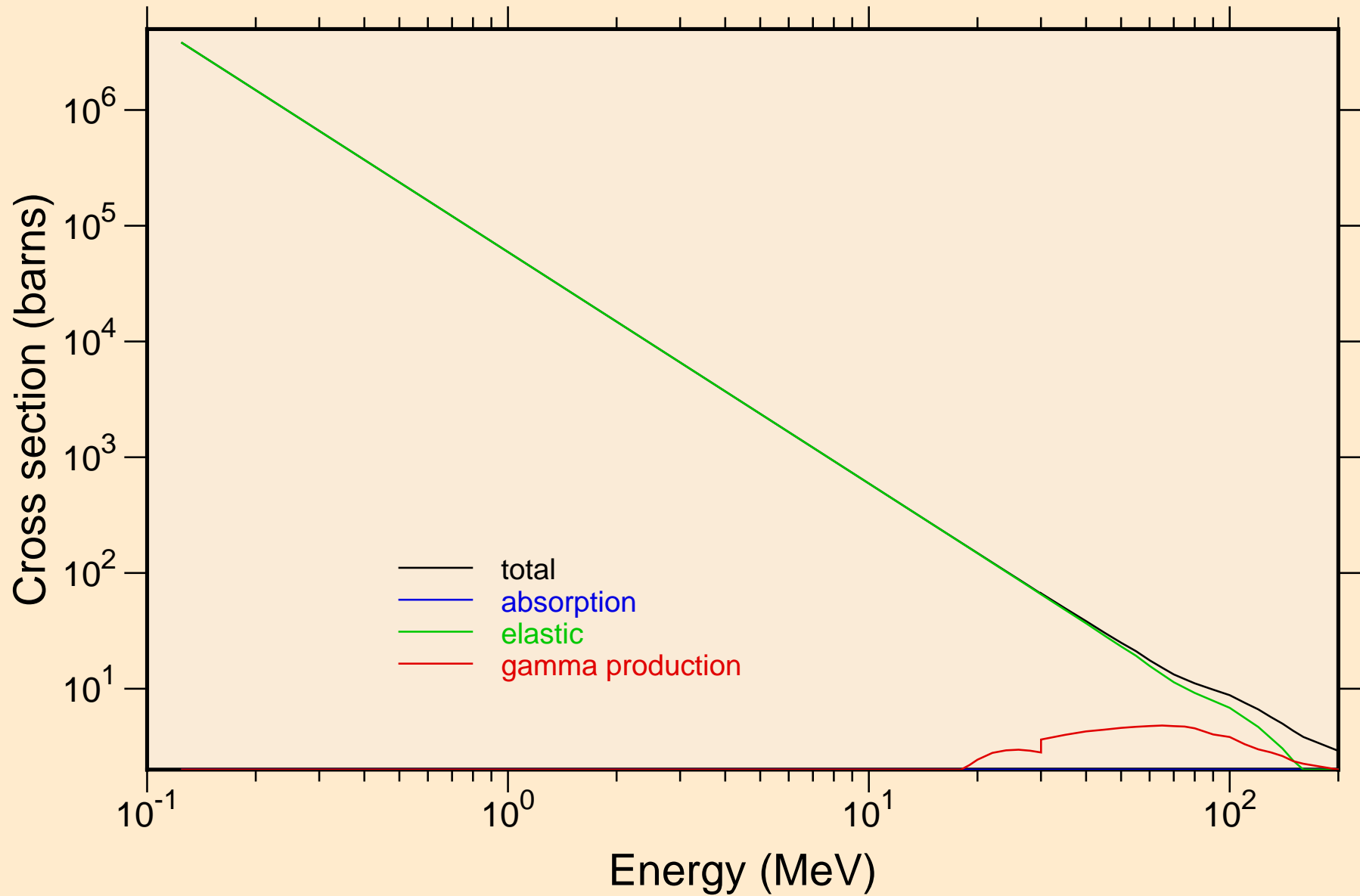


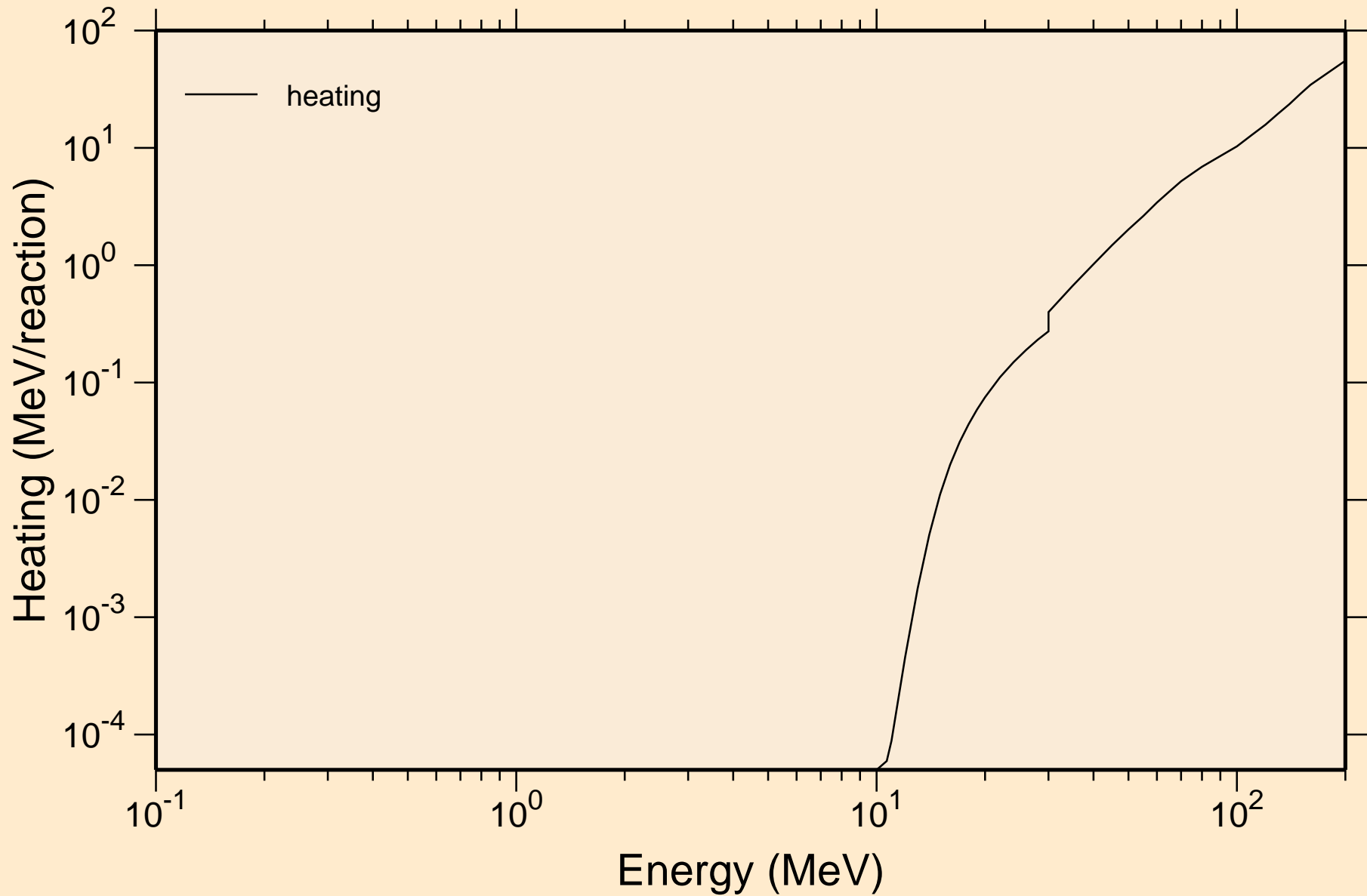
# CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



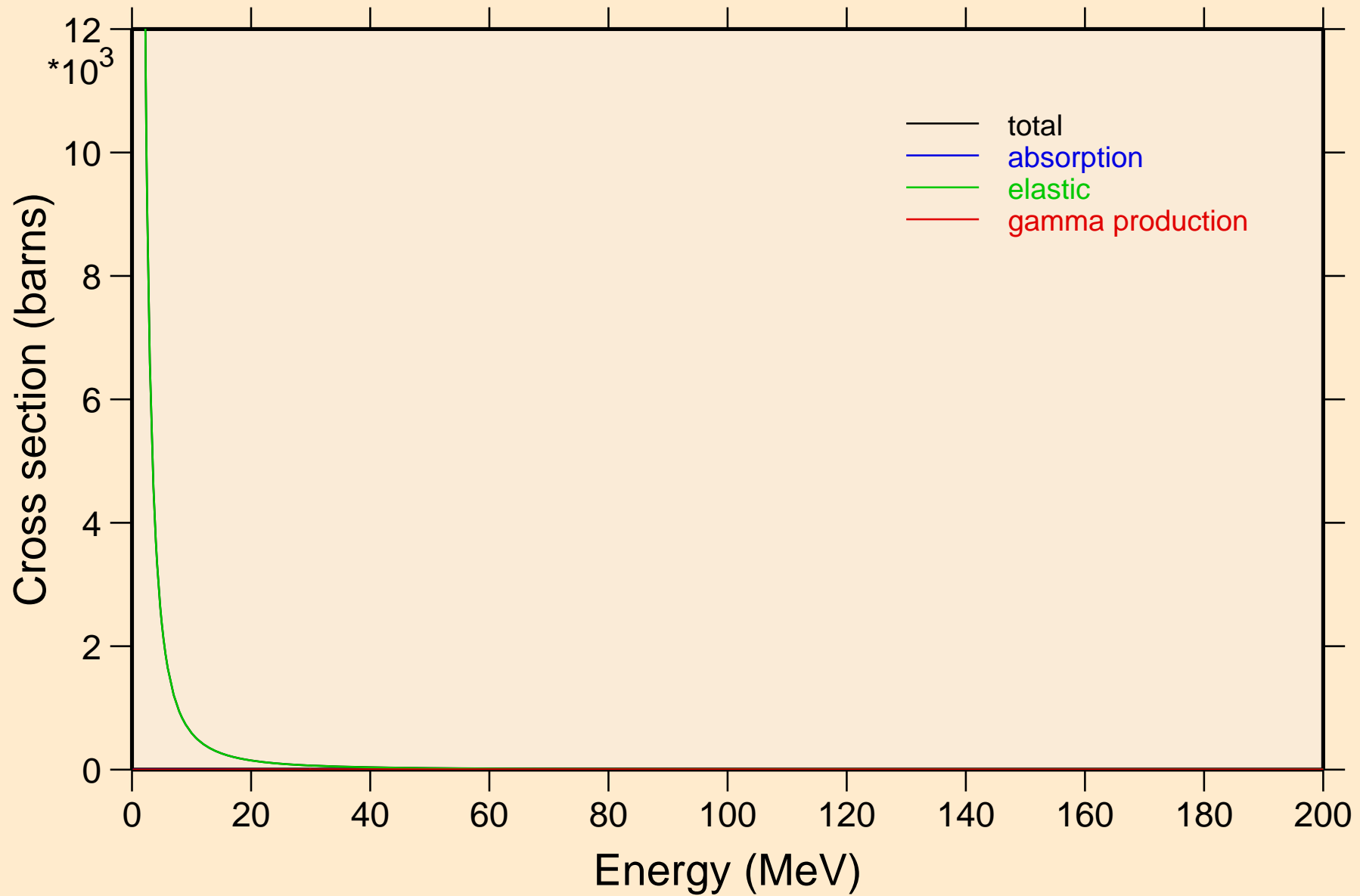
# CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



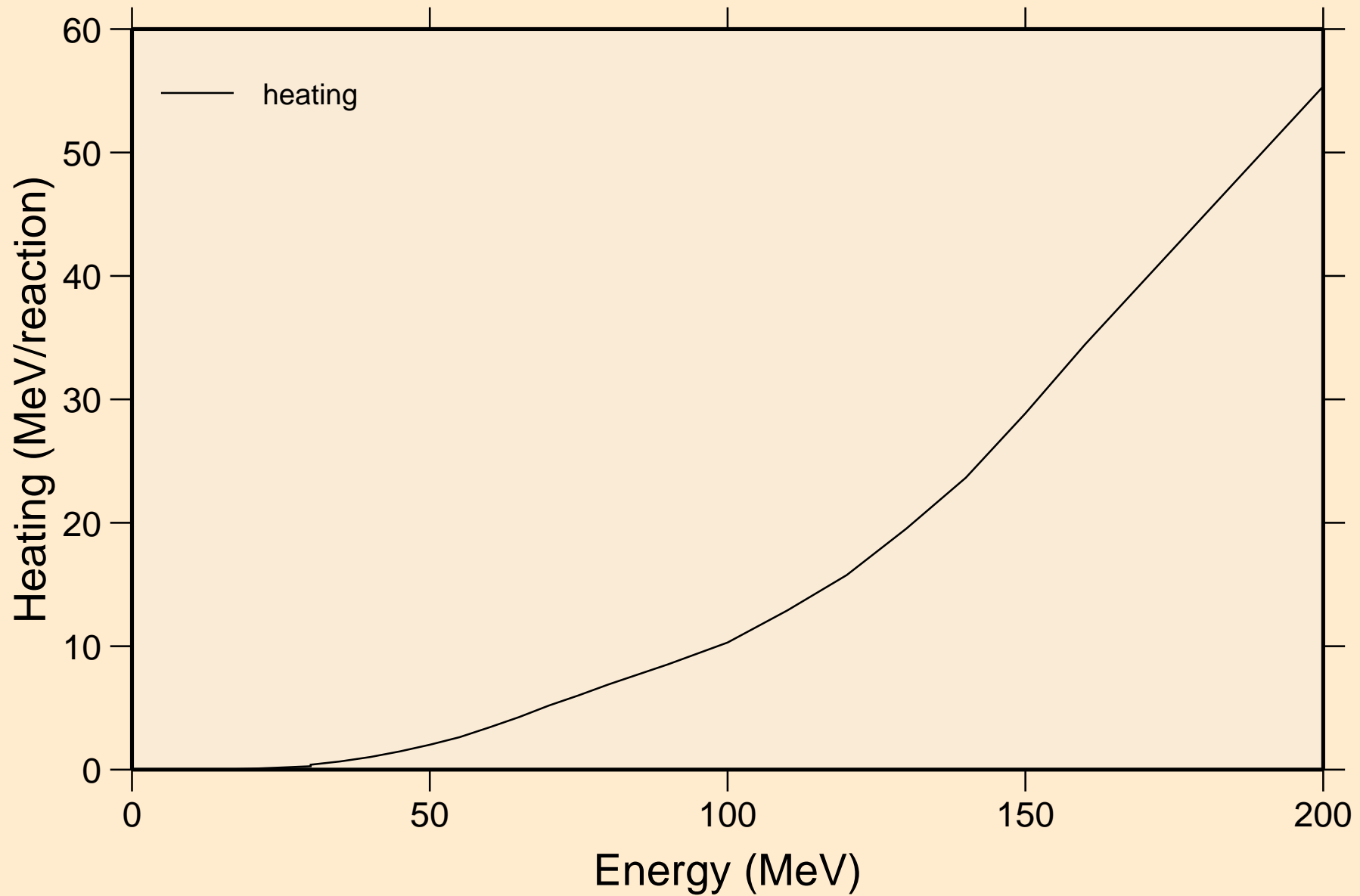
# CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



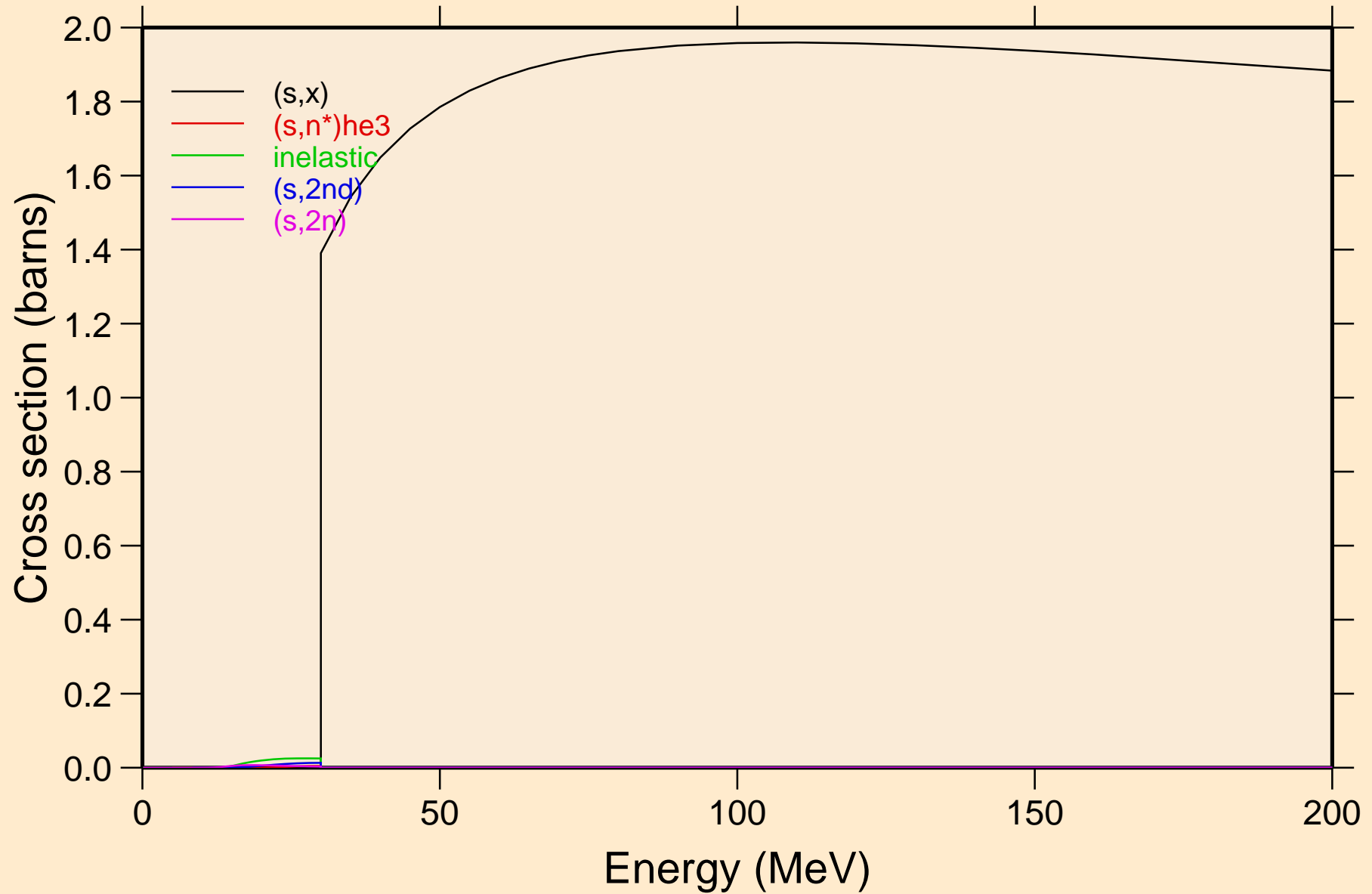
# CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating

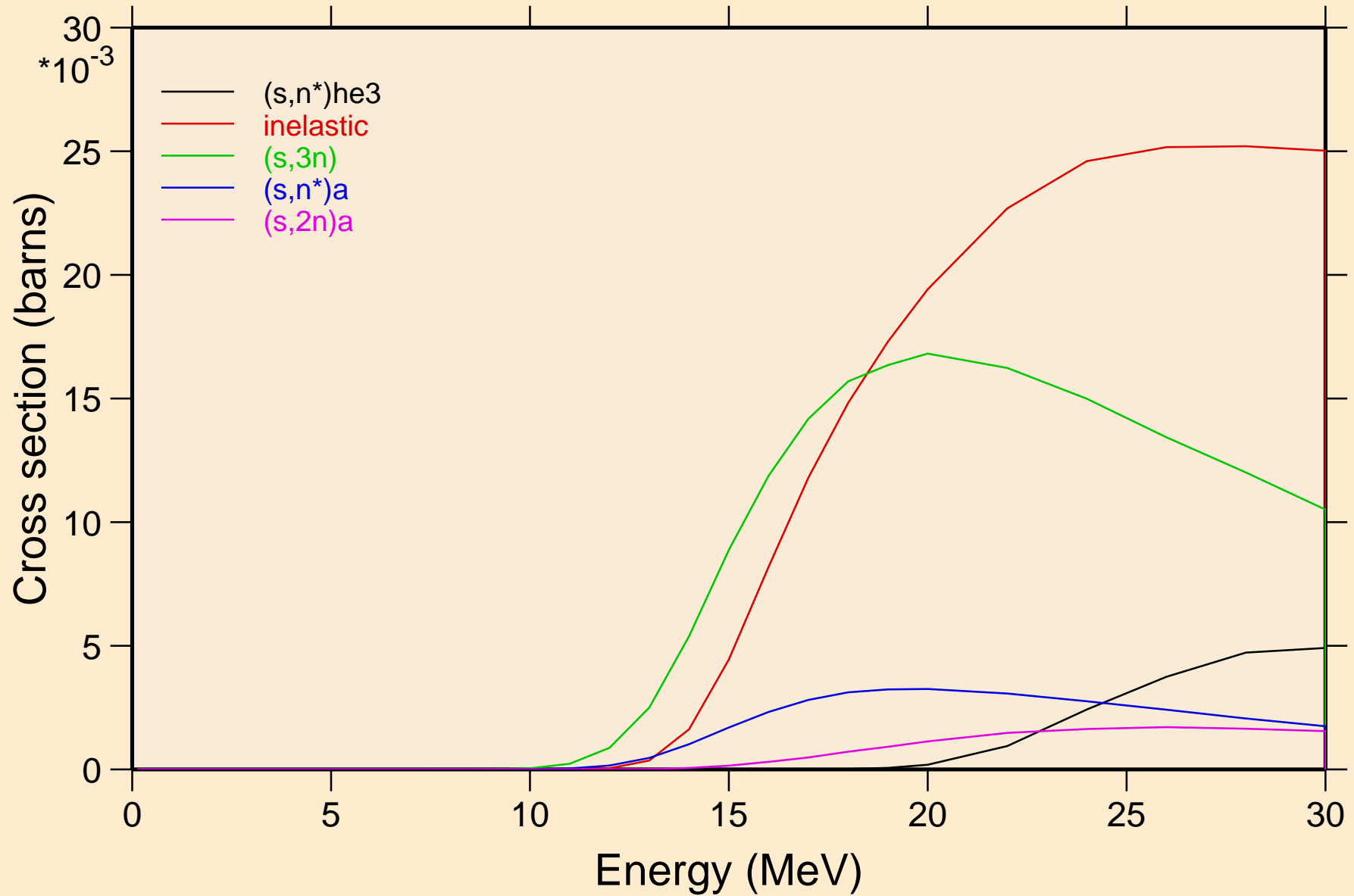


# CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

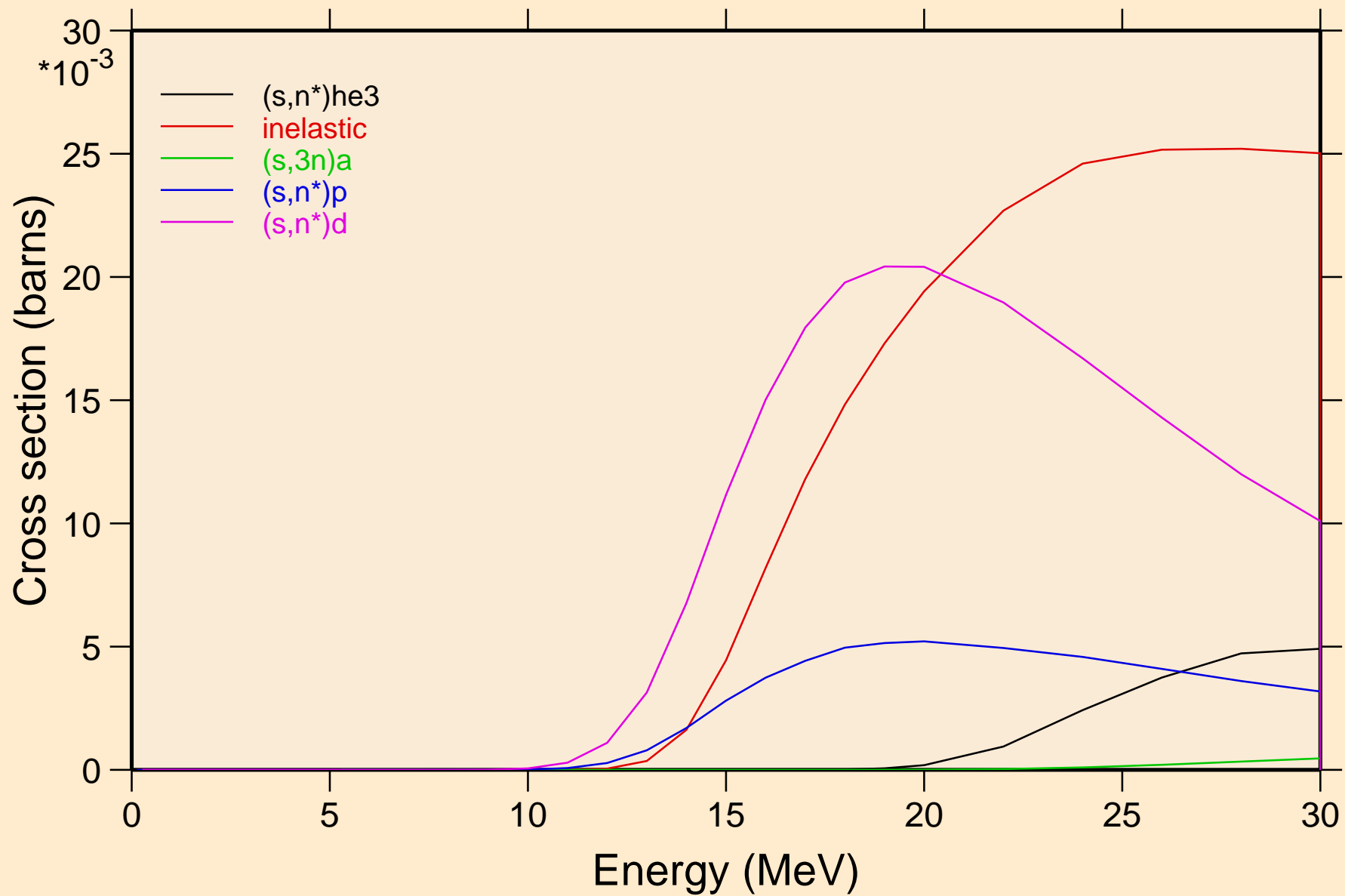


CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



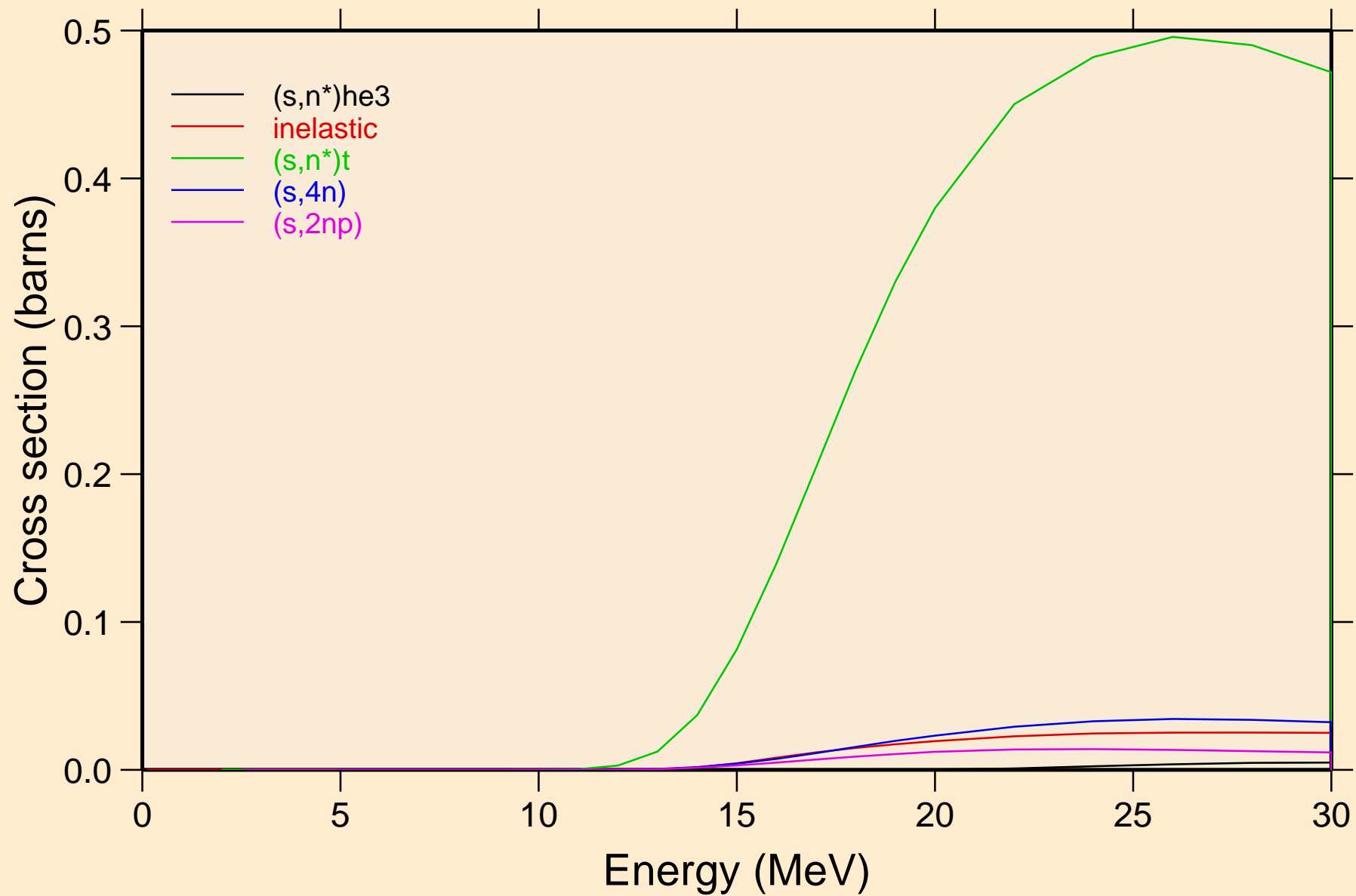
# CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



# CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K

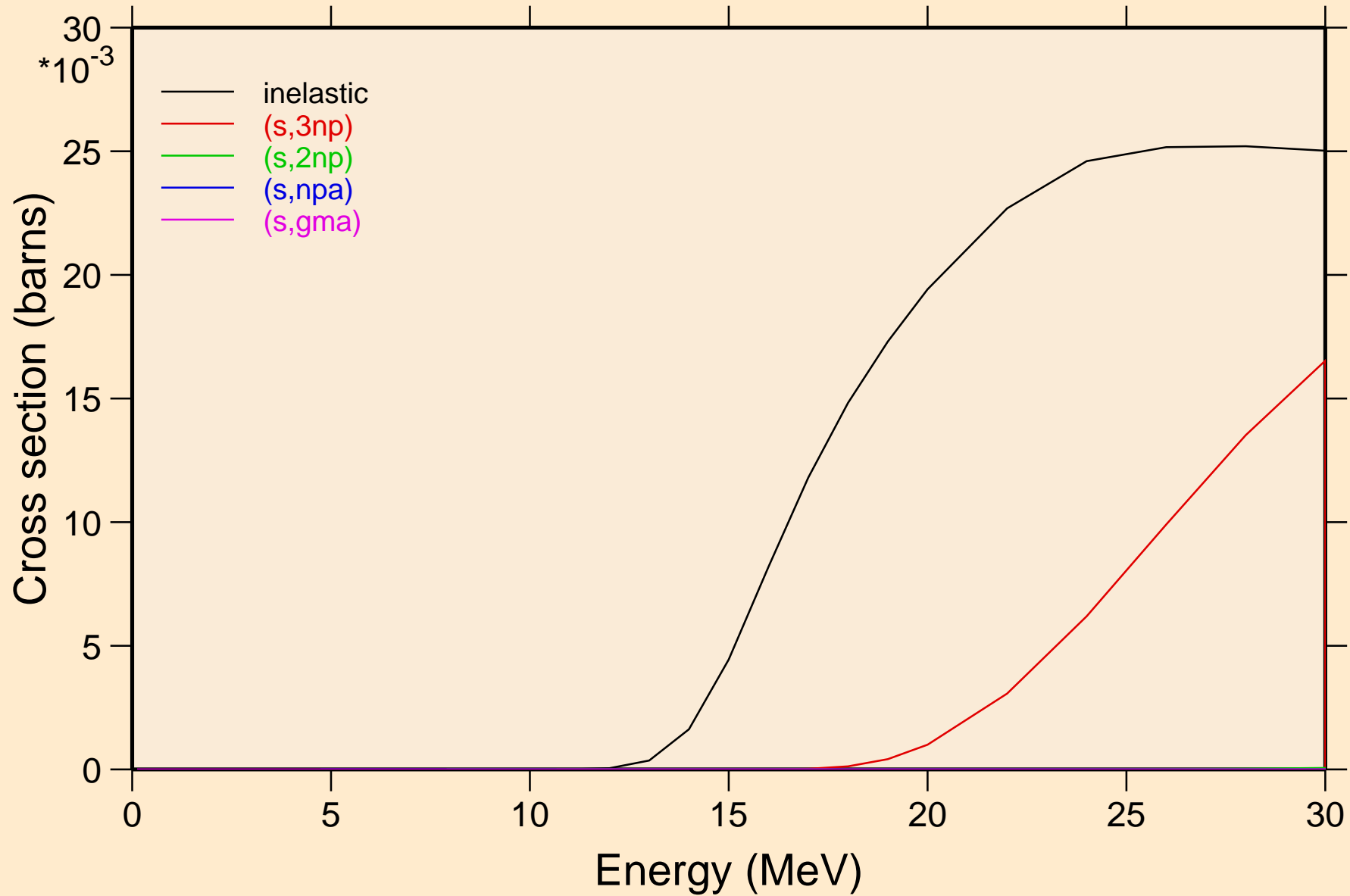
## Threshold reactions





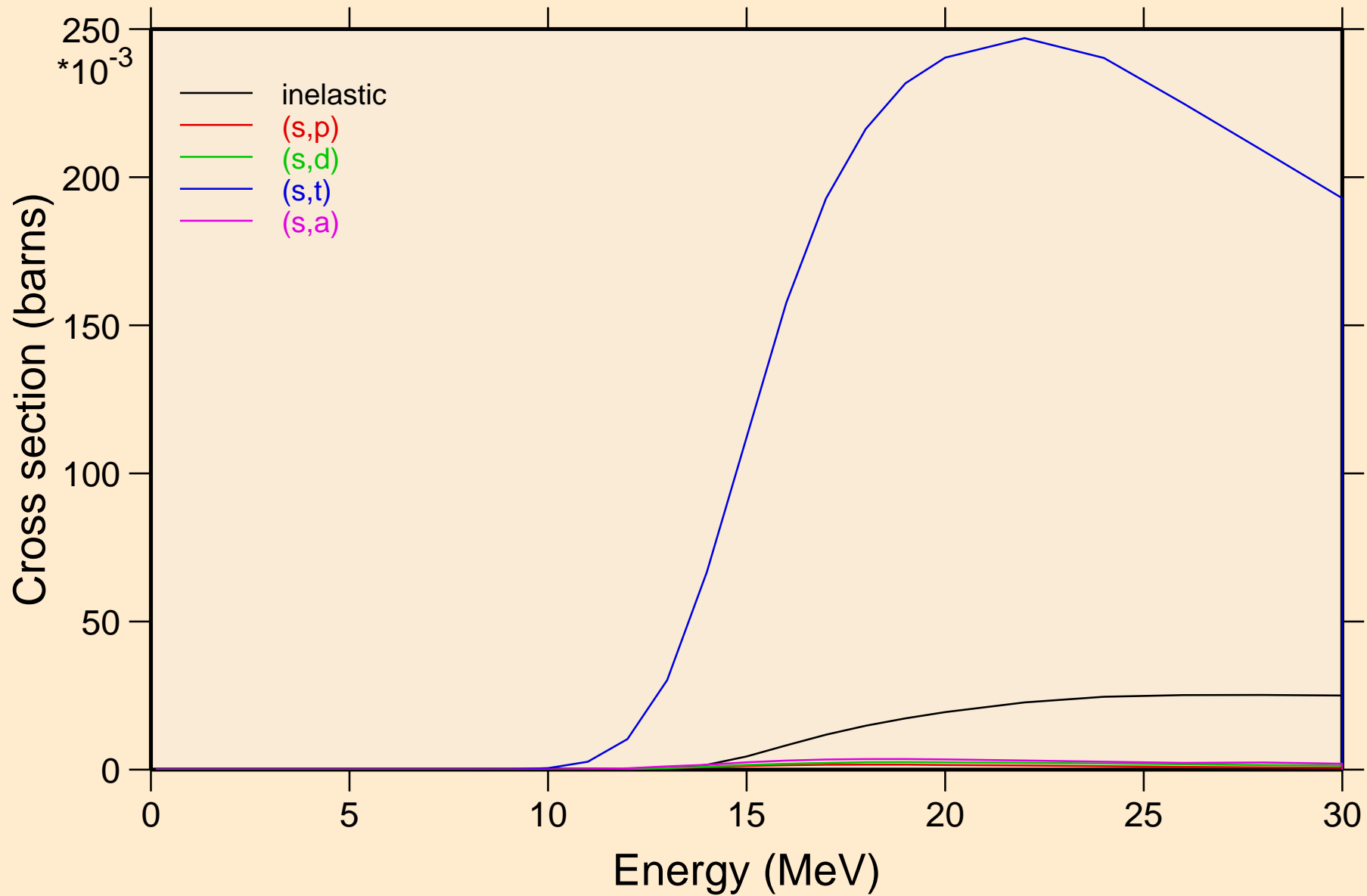
# CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



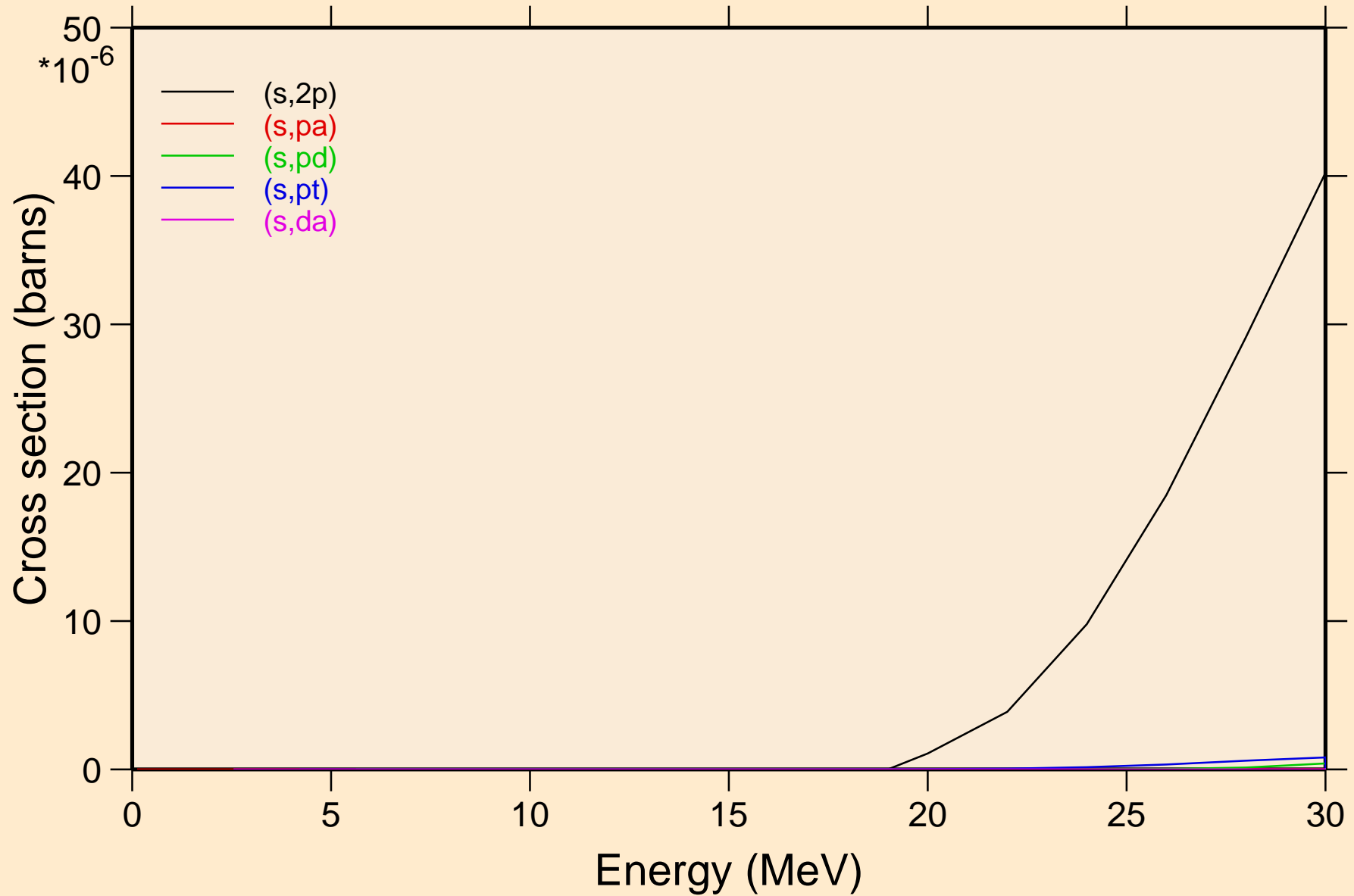
# CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

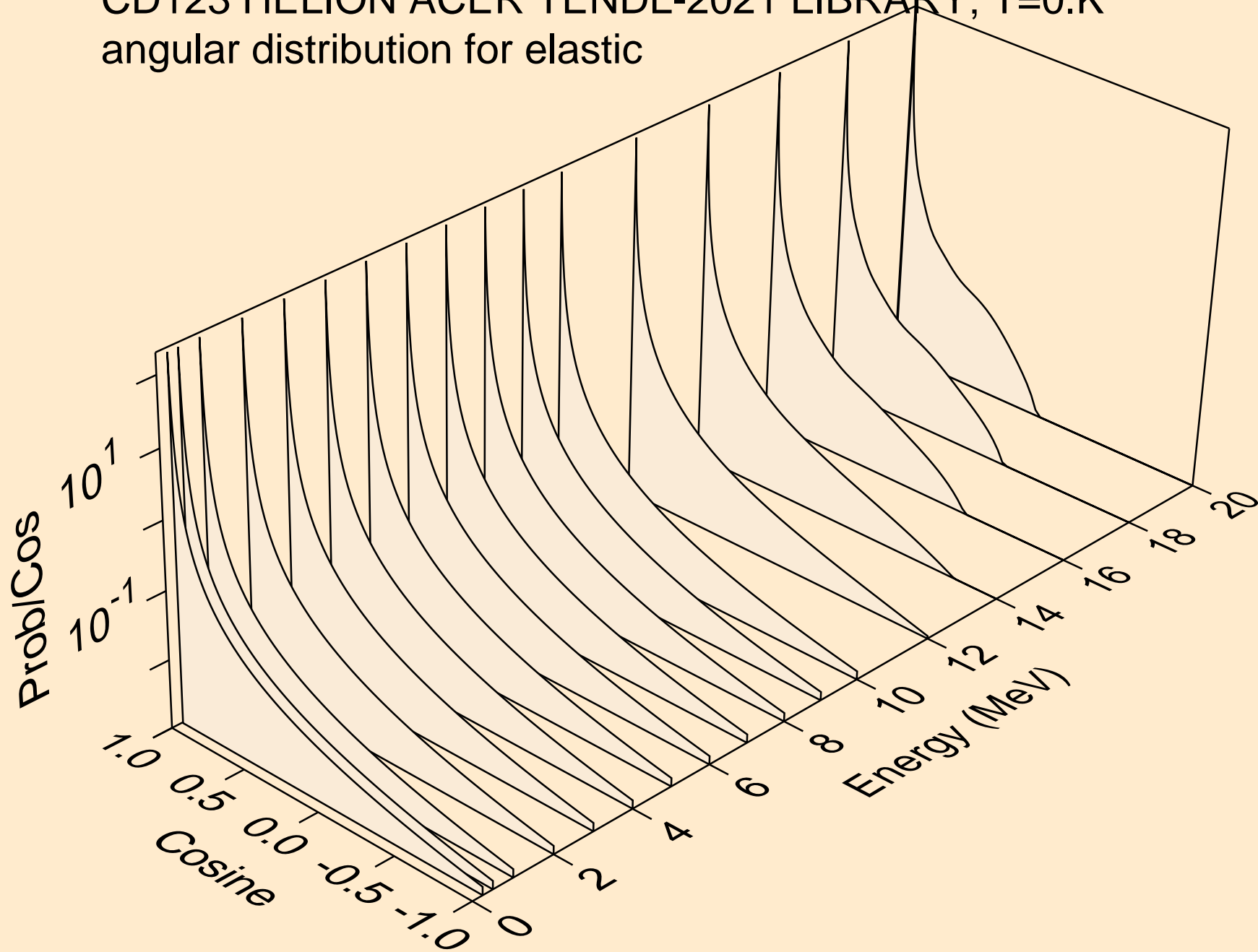


# CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K

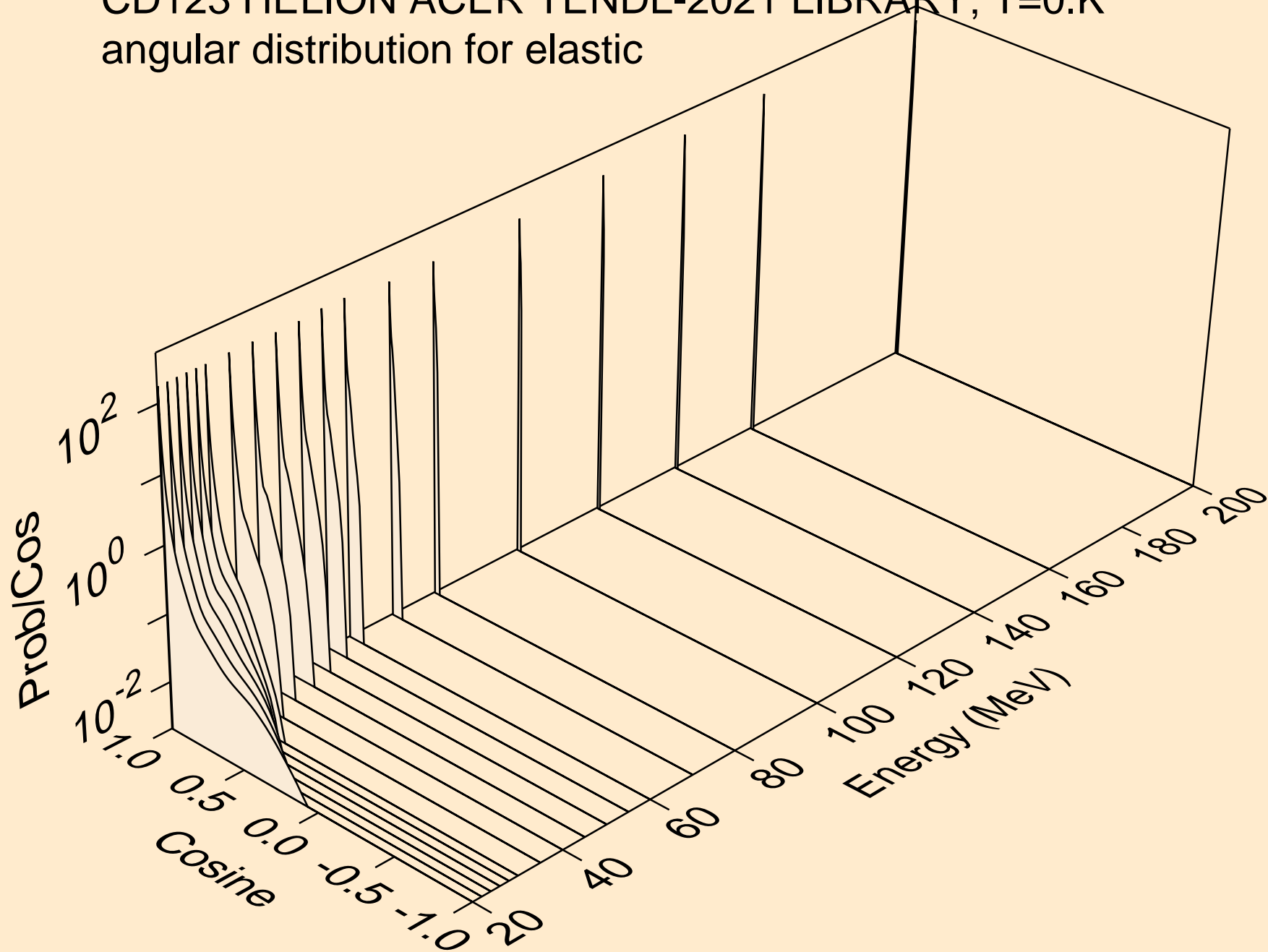
## Threshold reactions



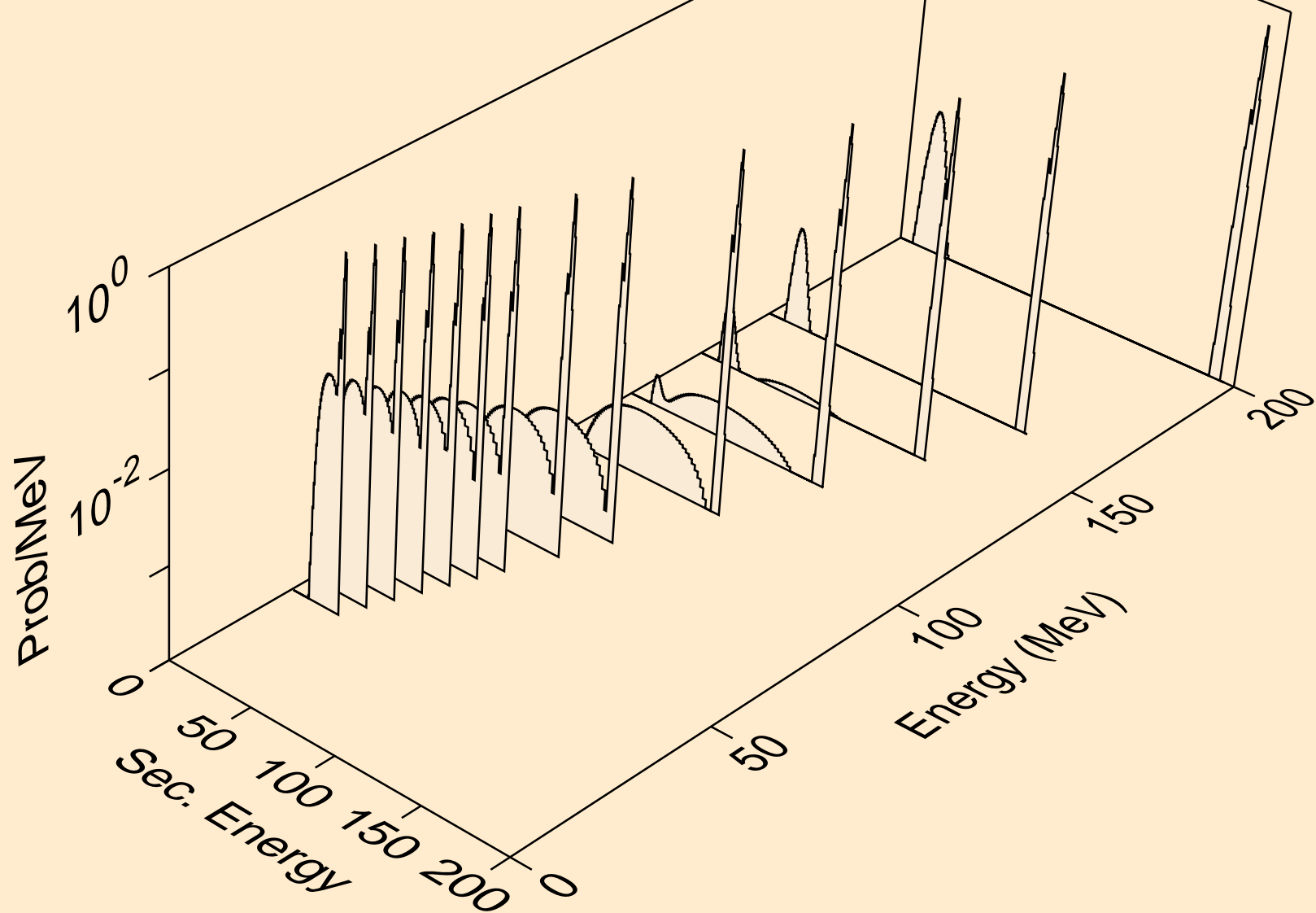
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



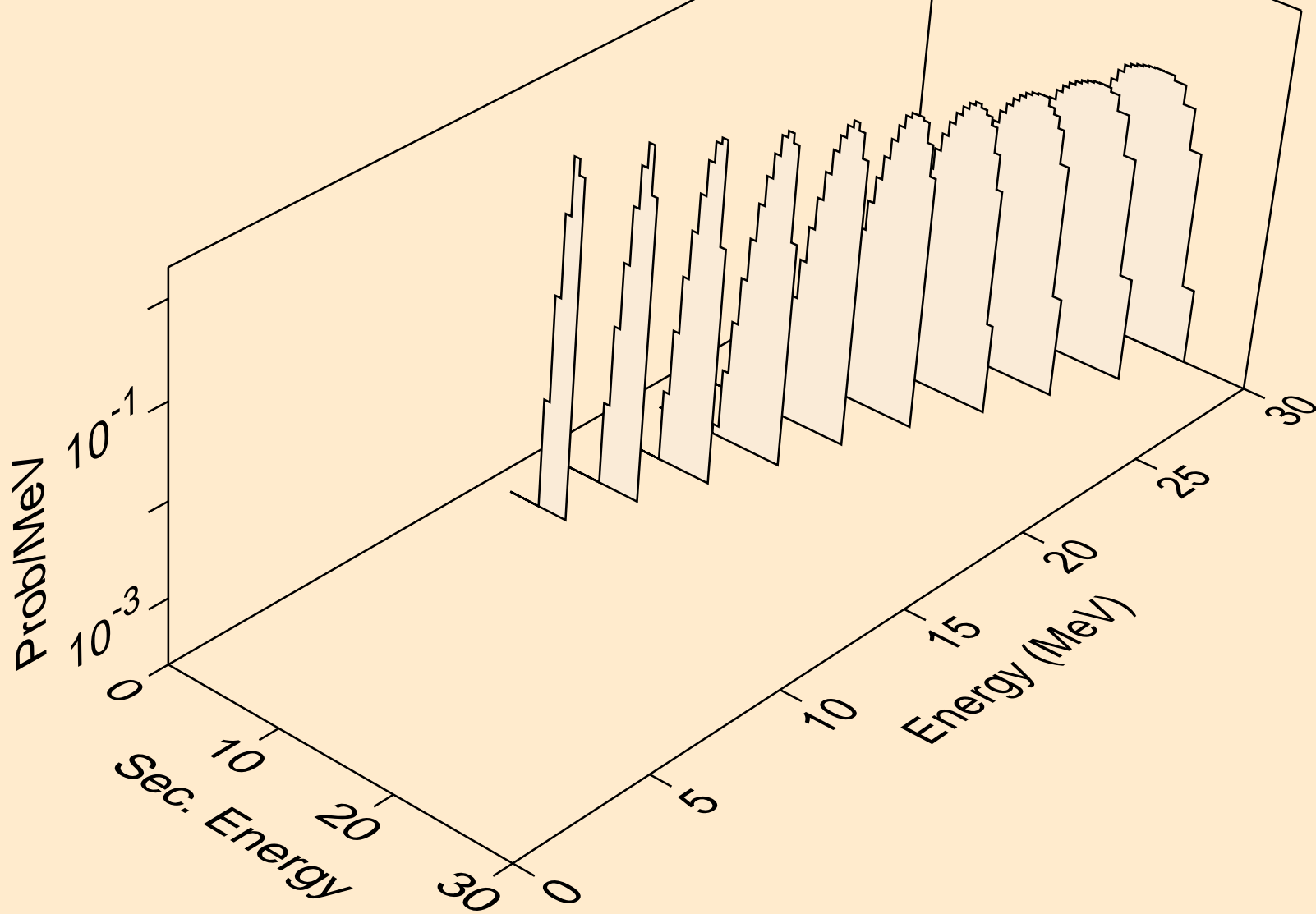
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



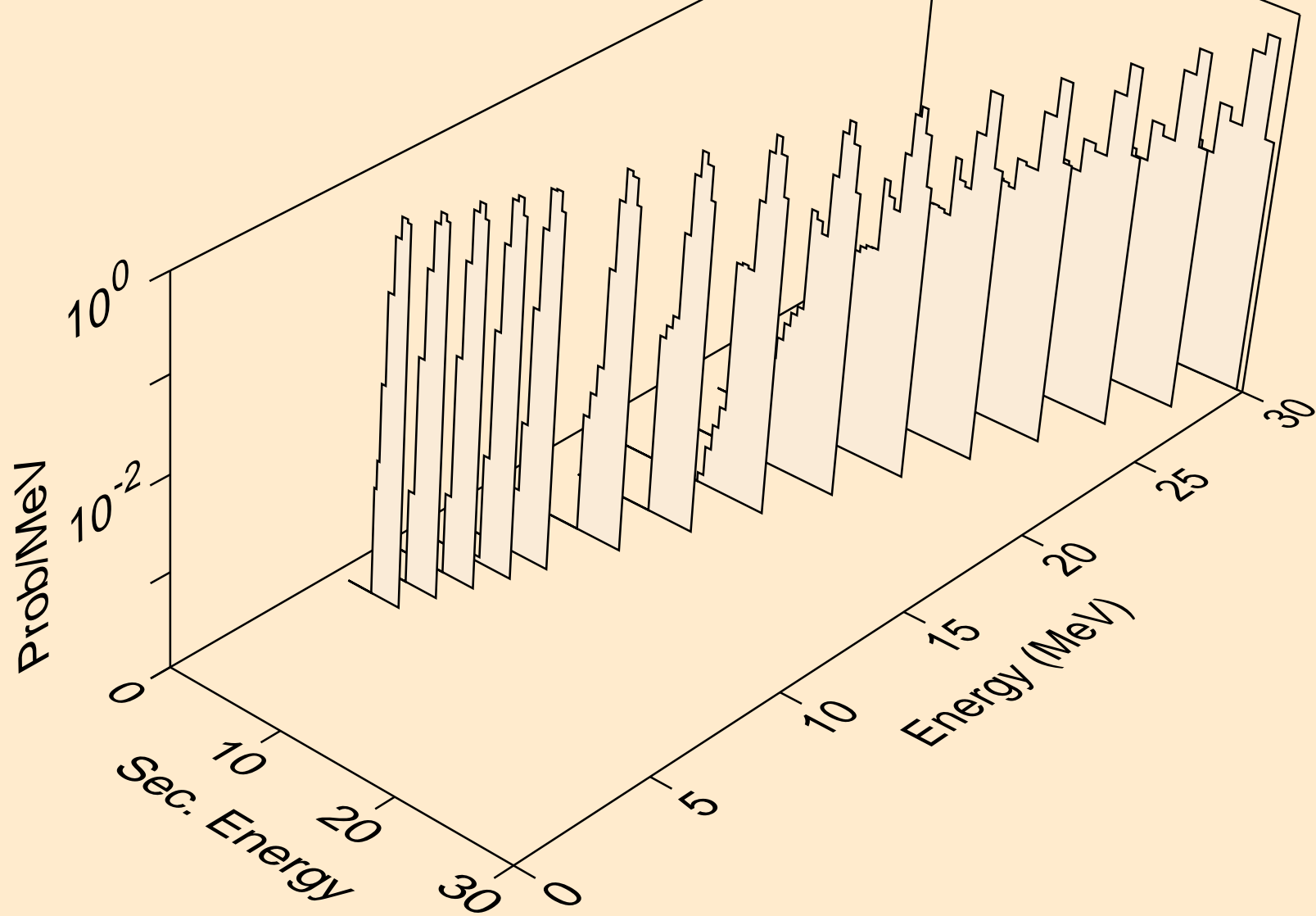
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

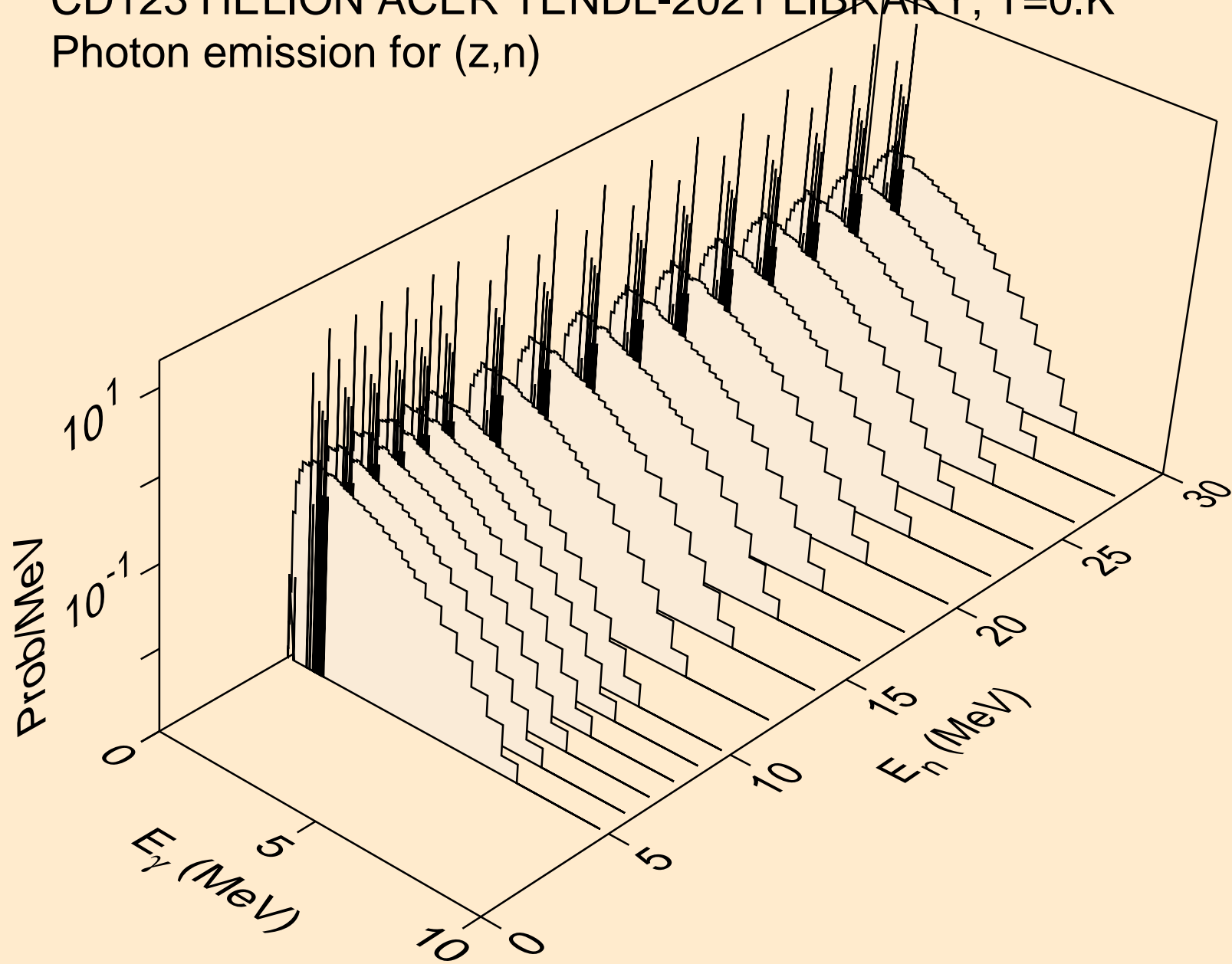


CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

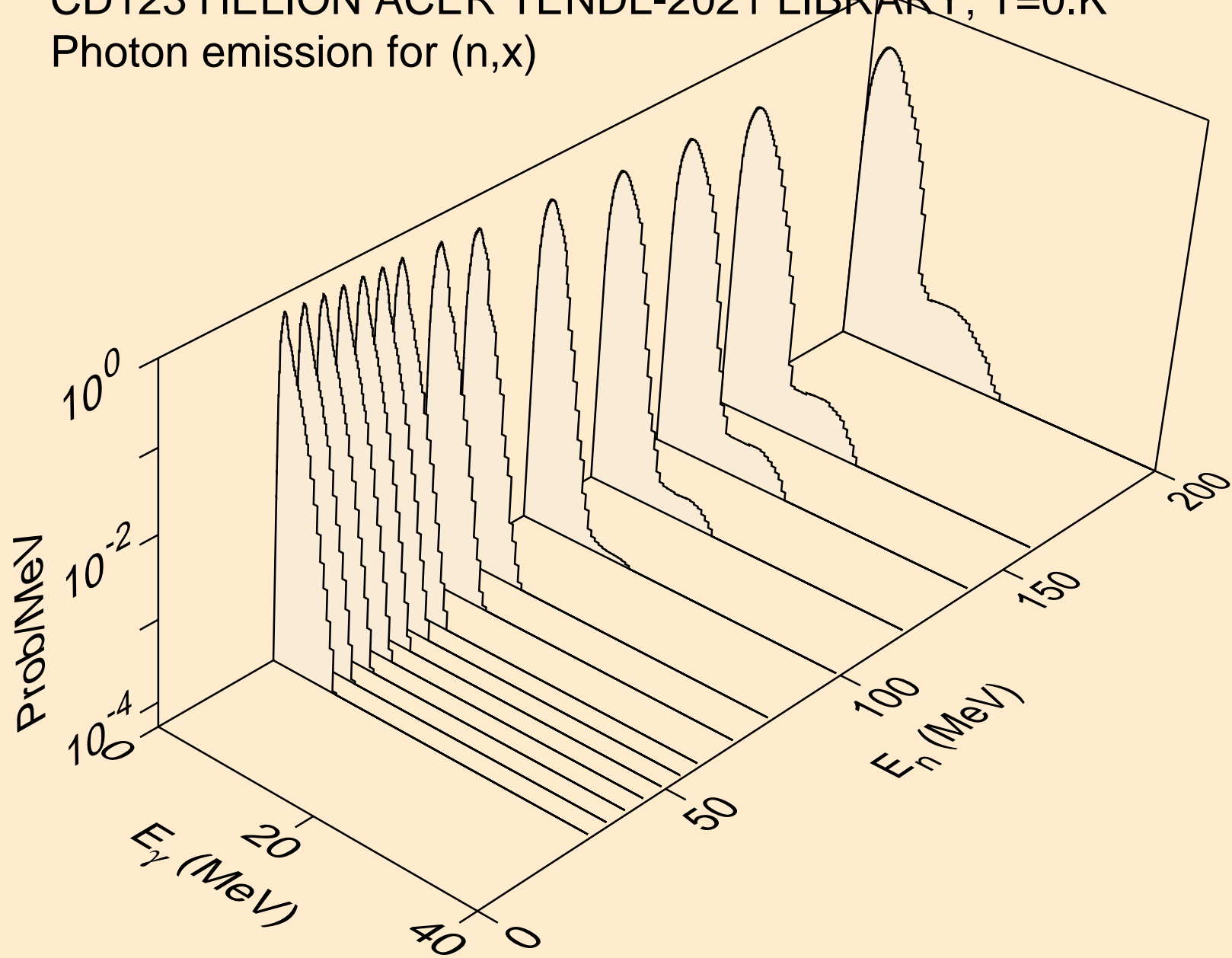




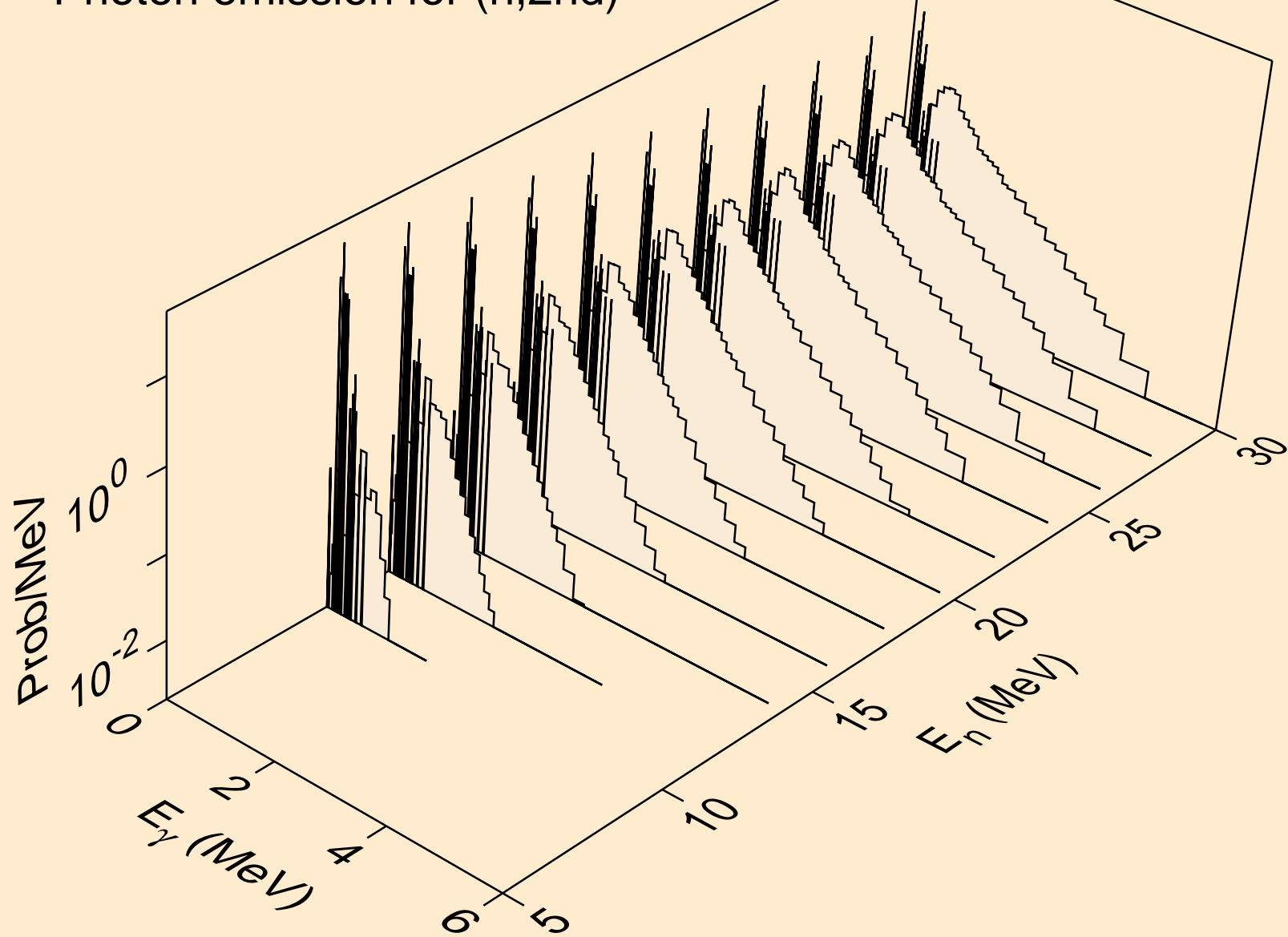
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



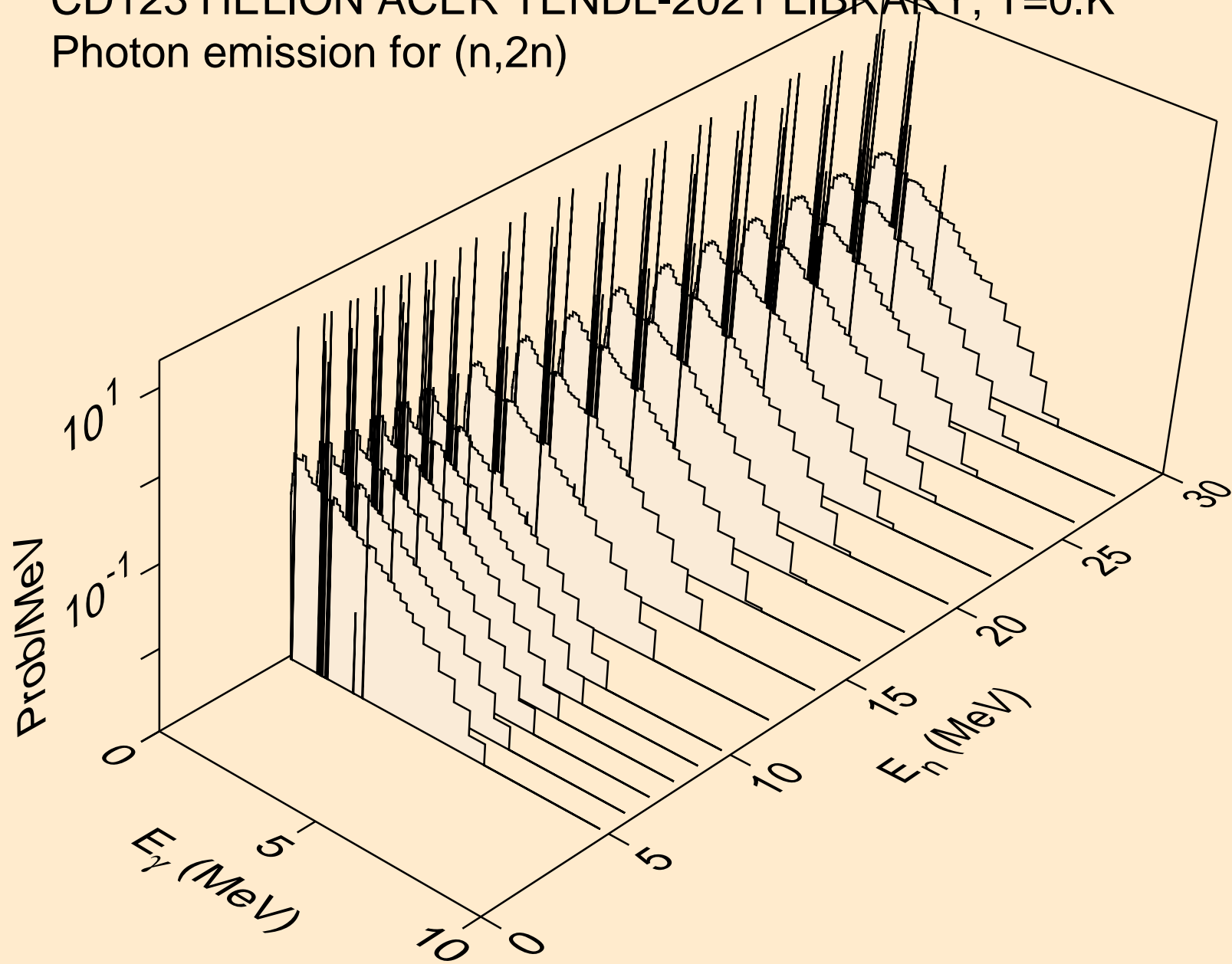
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



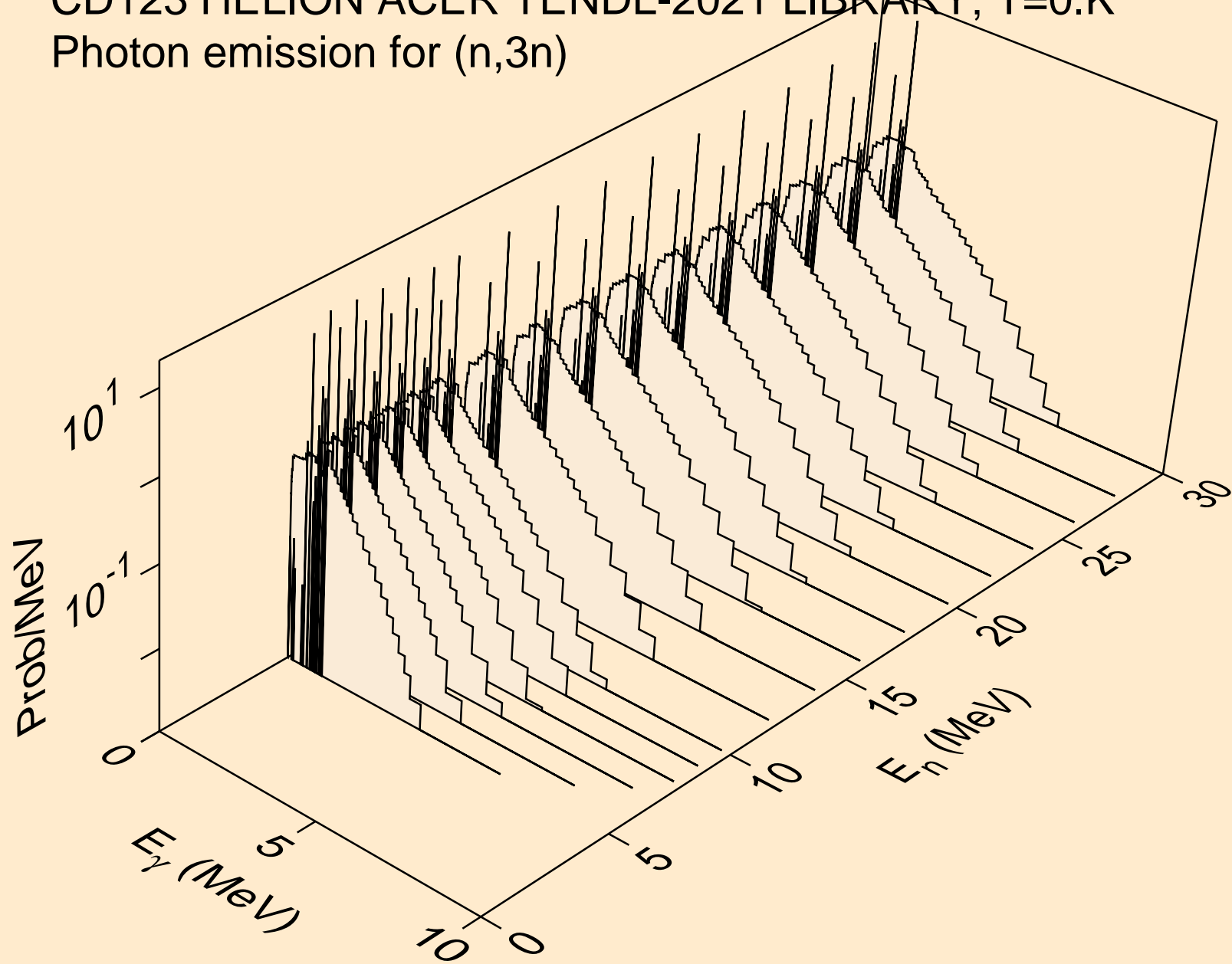
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



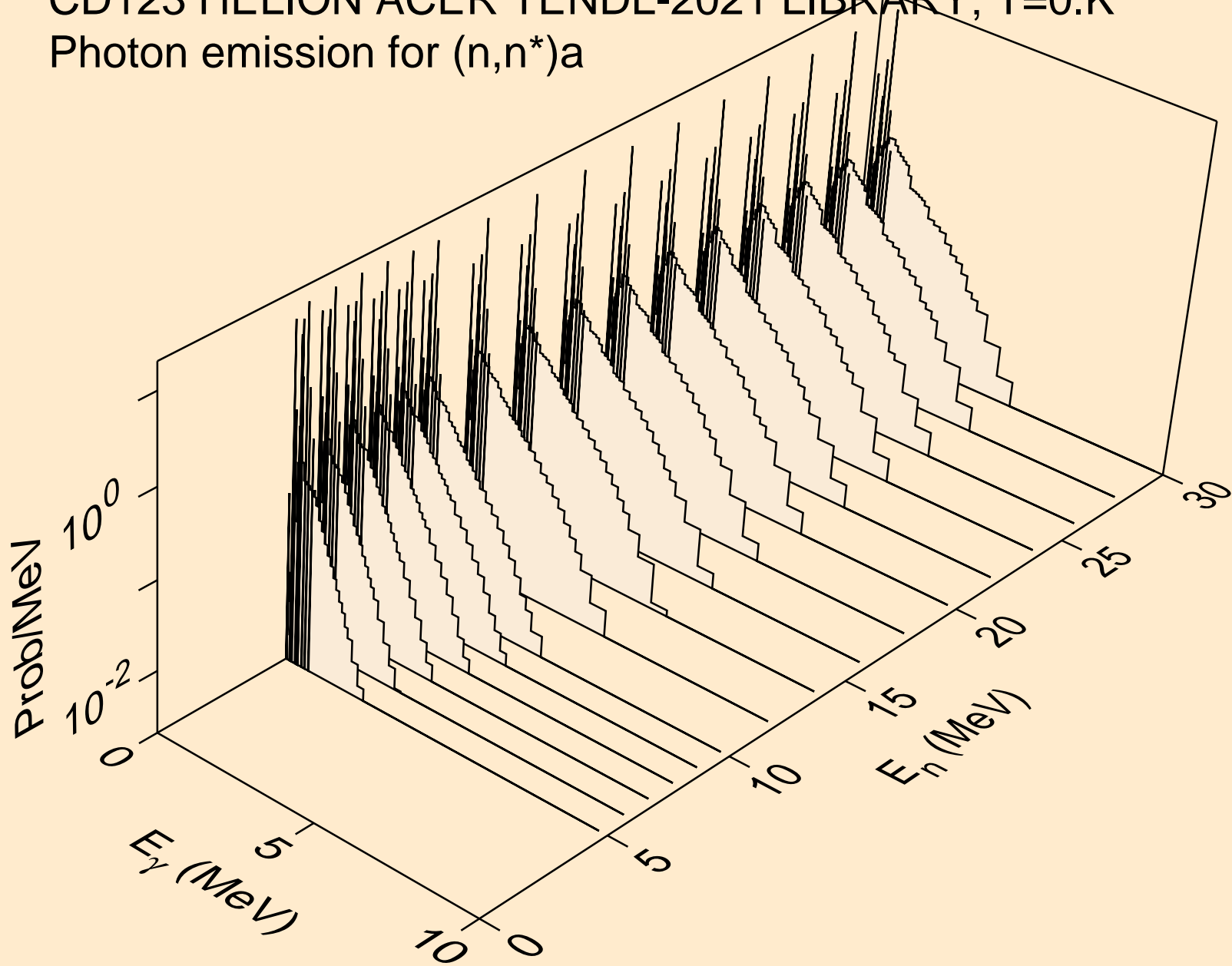
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



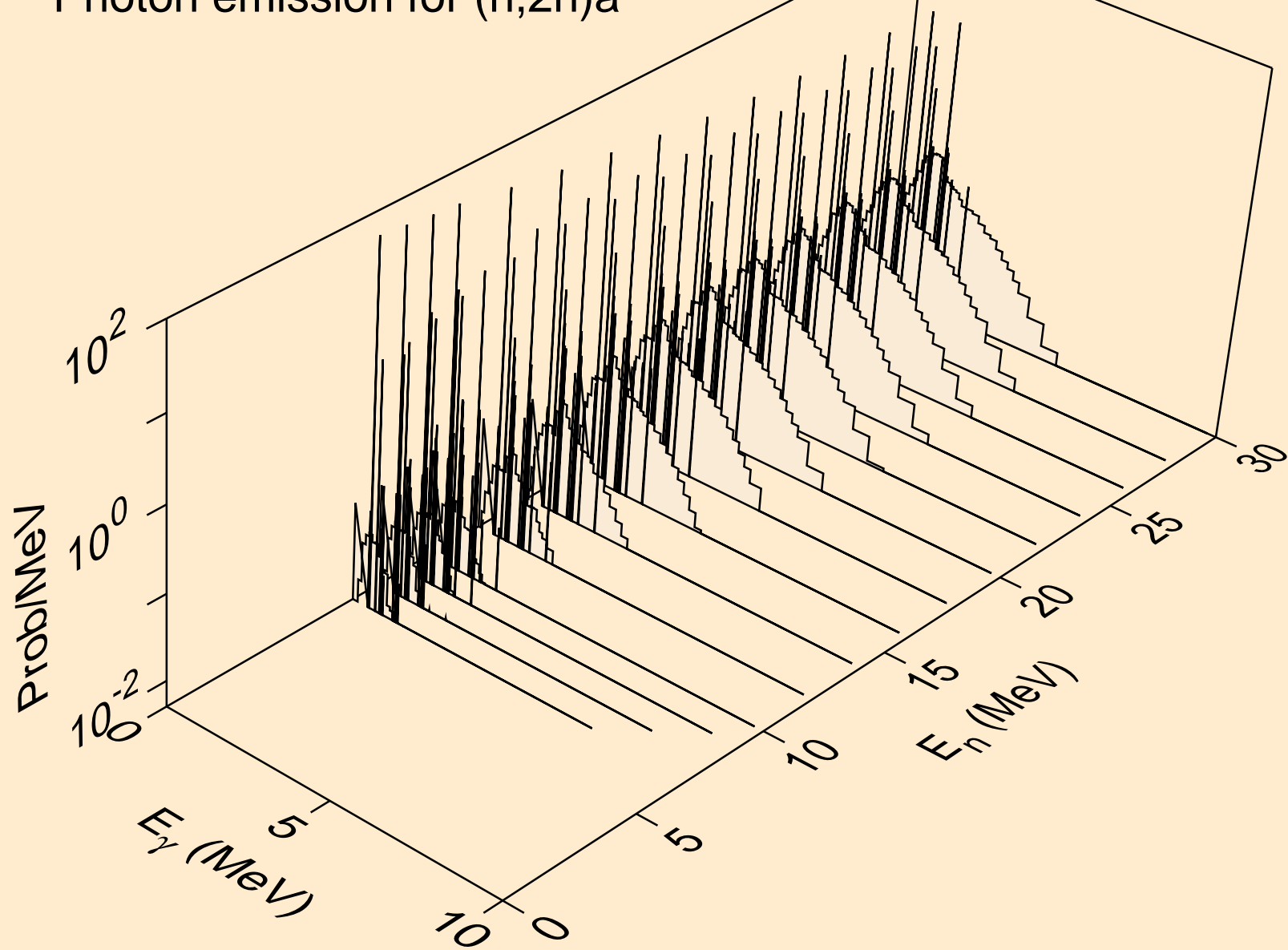
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



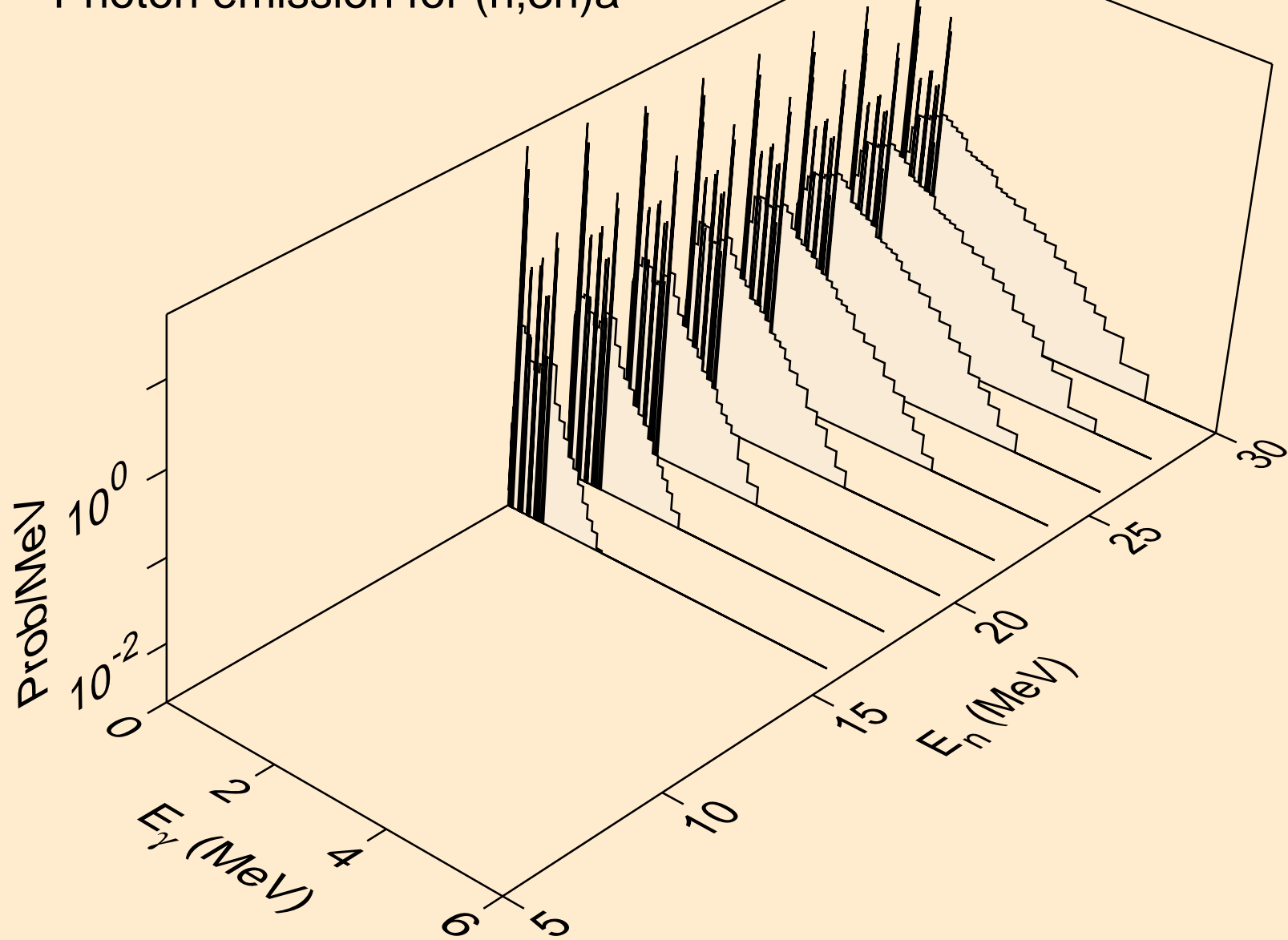
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

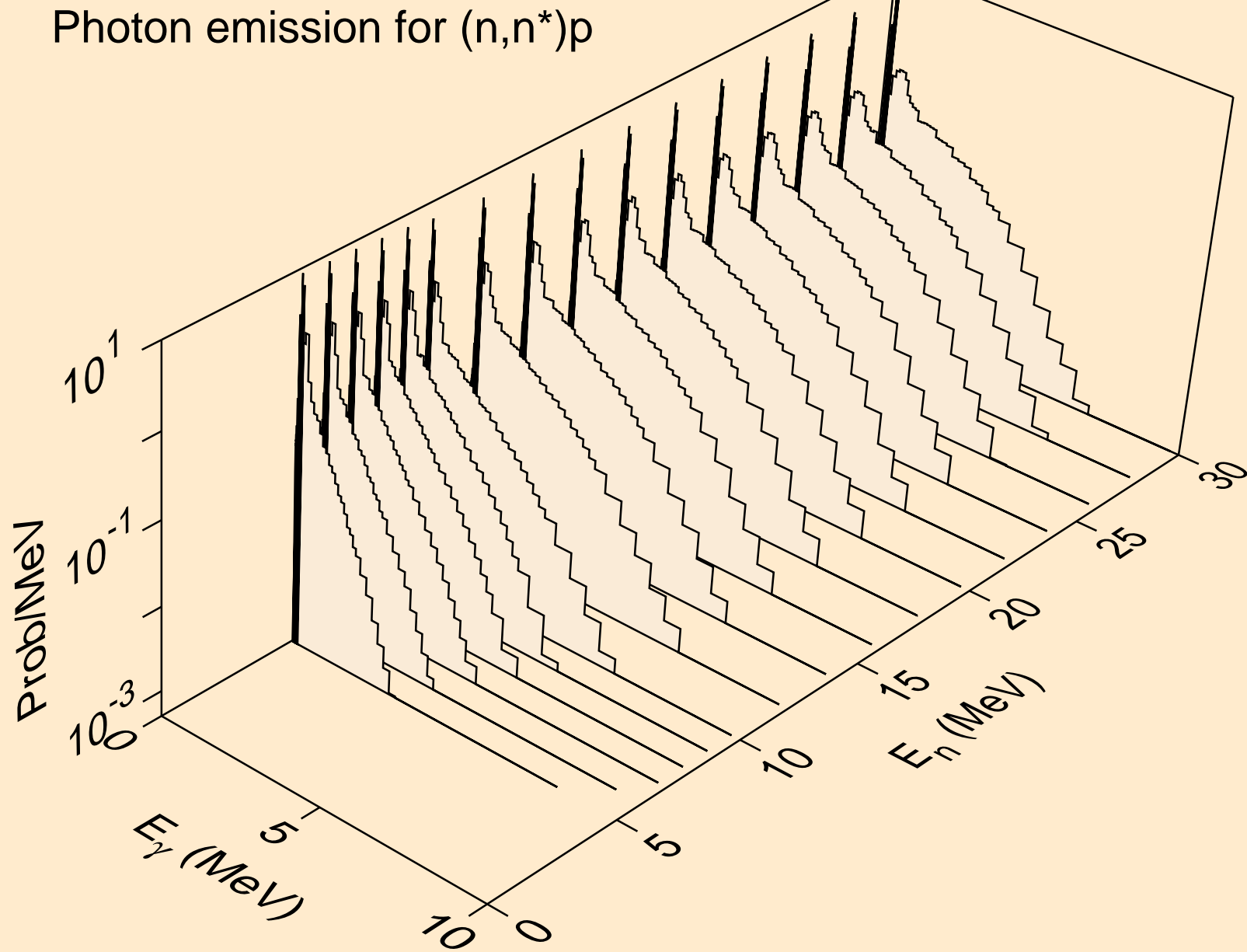


CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a

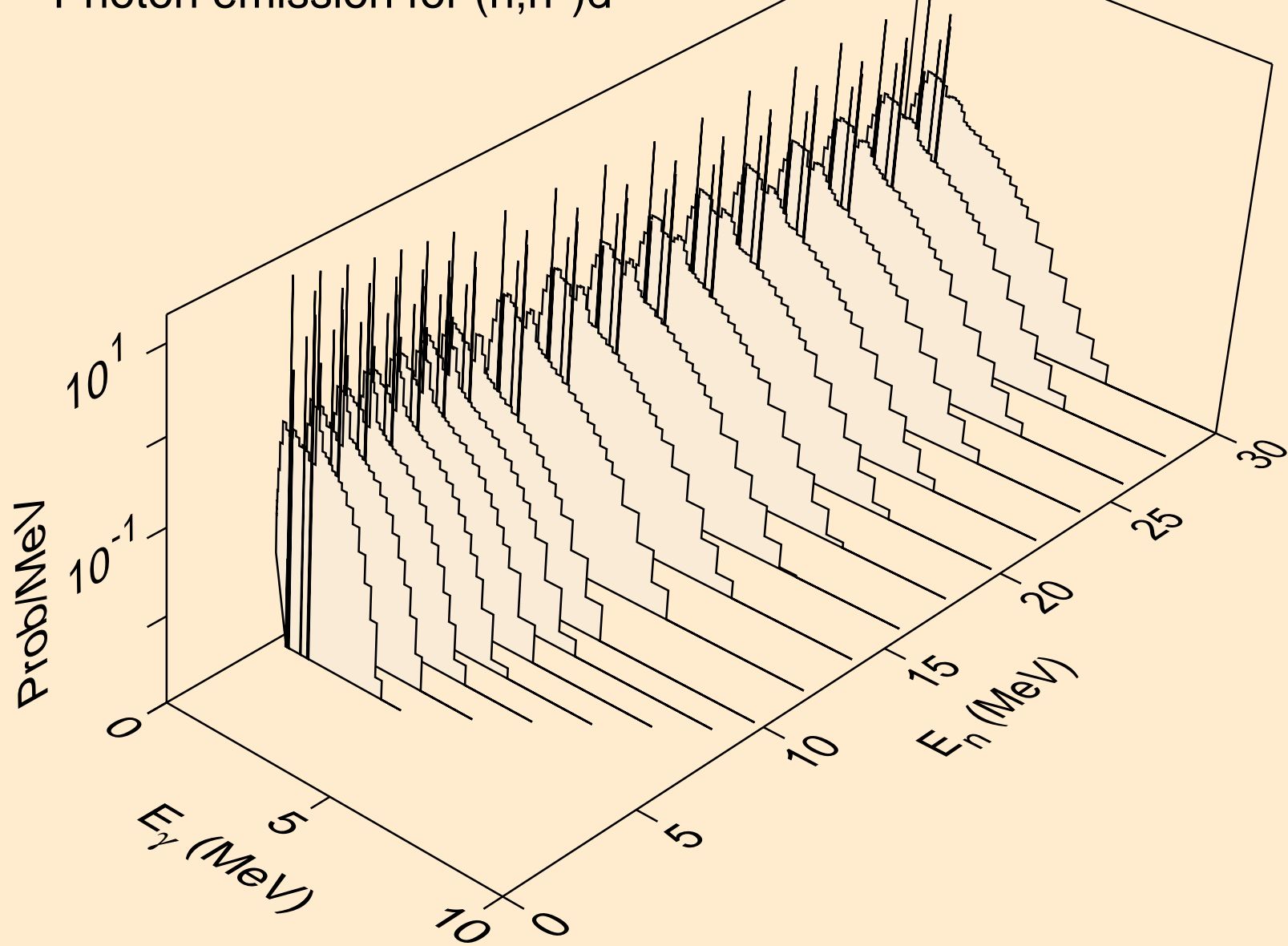




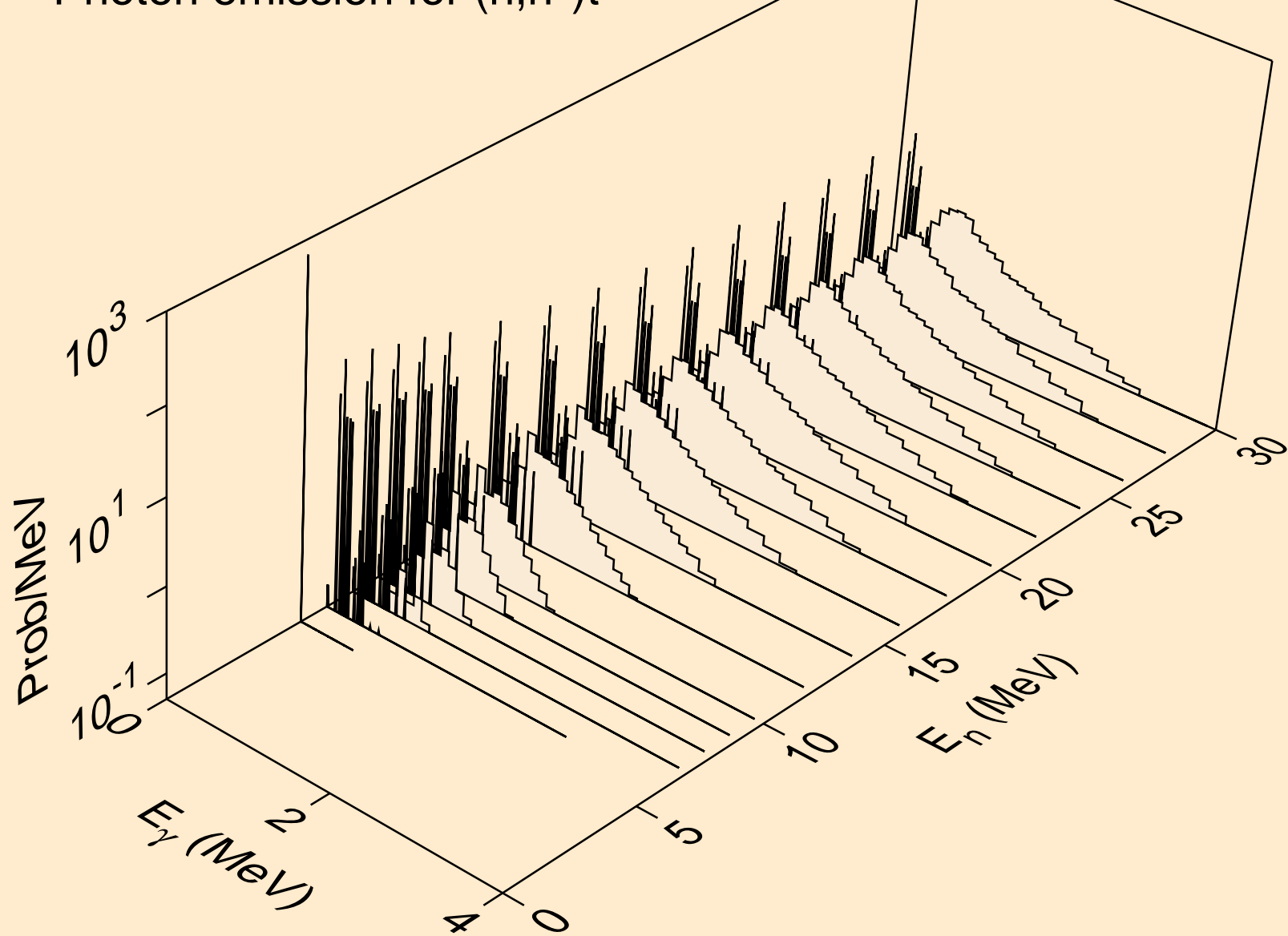
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



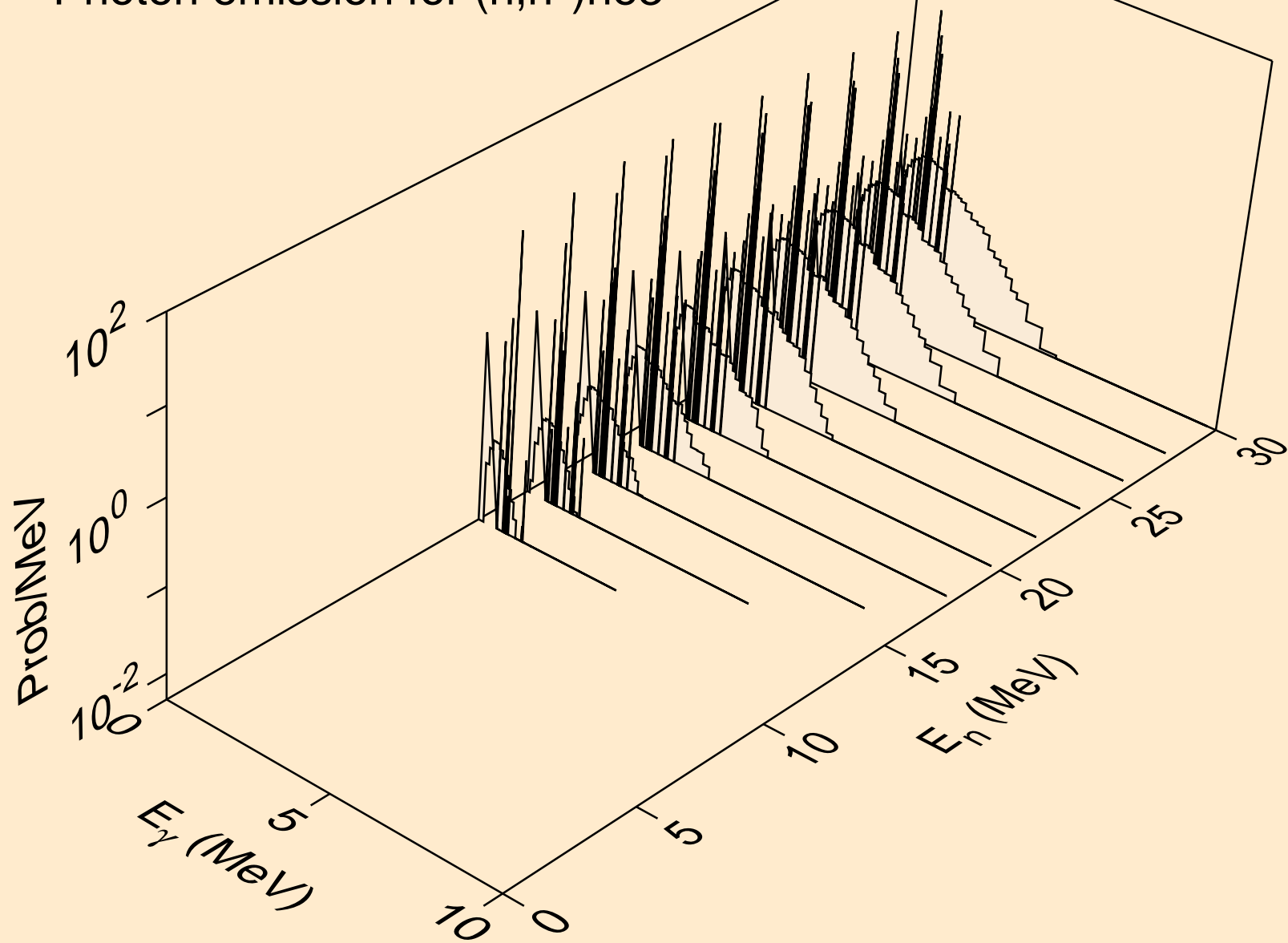
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



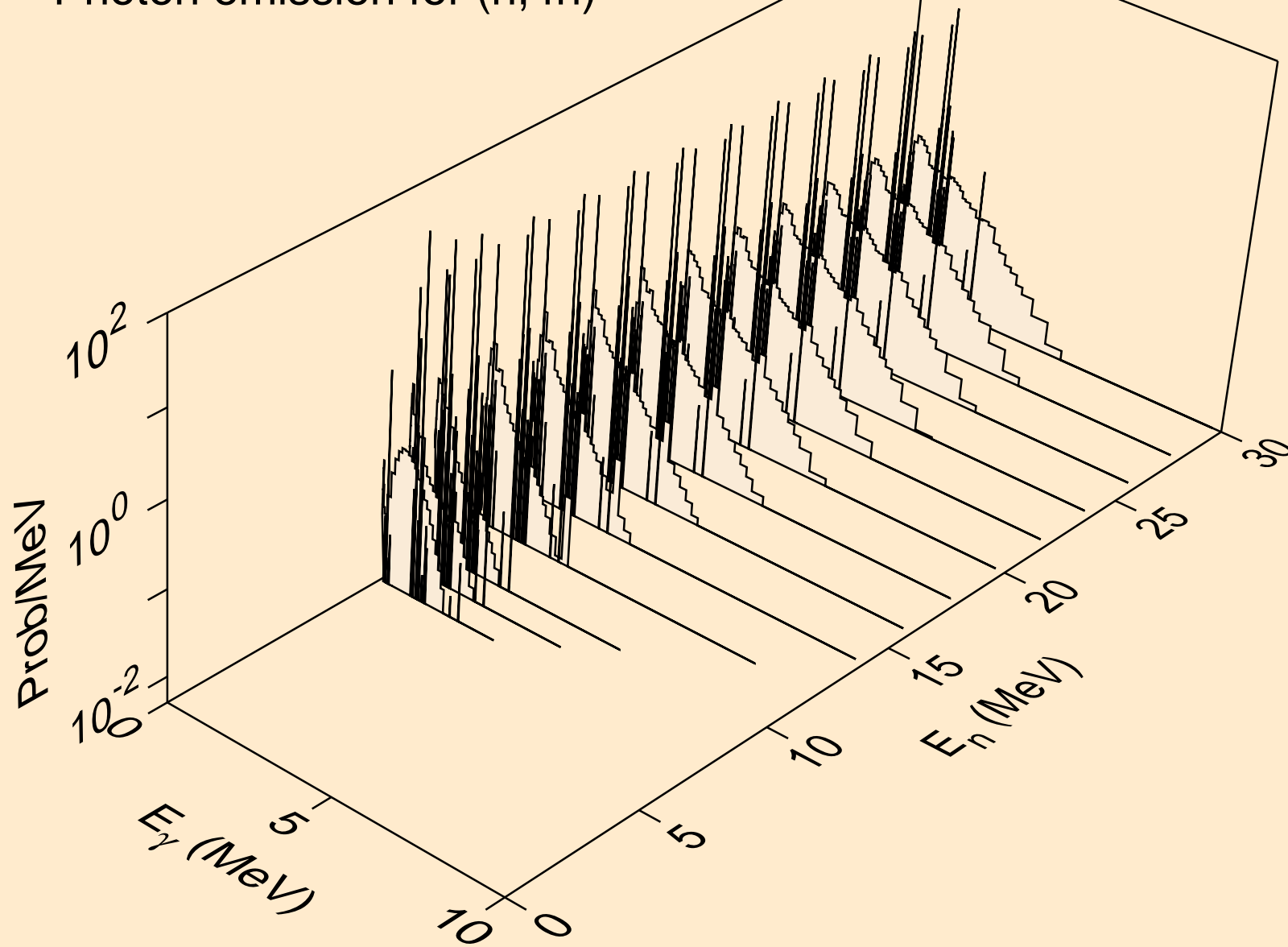
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



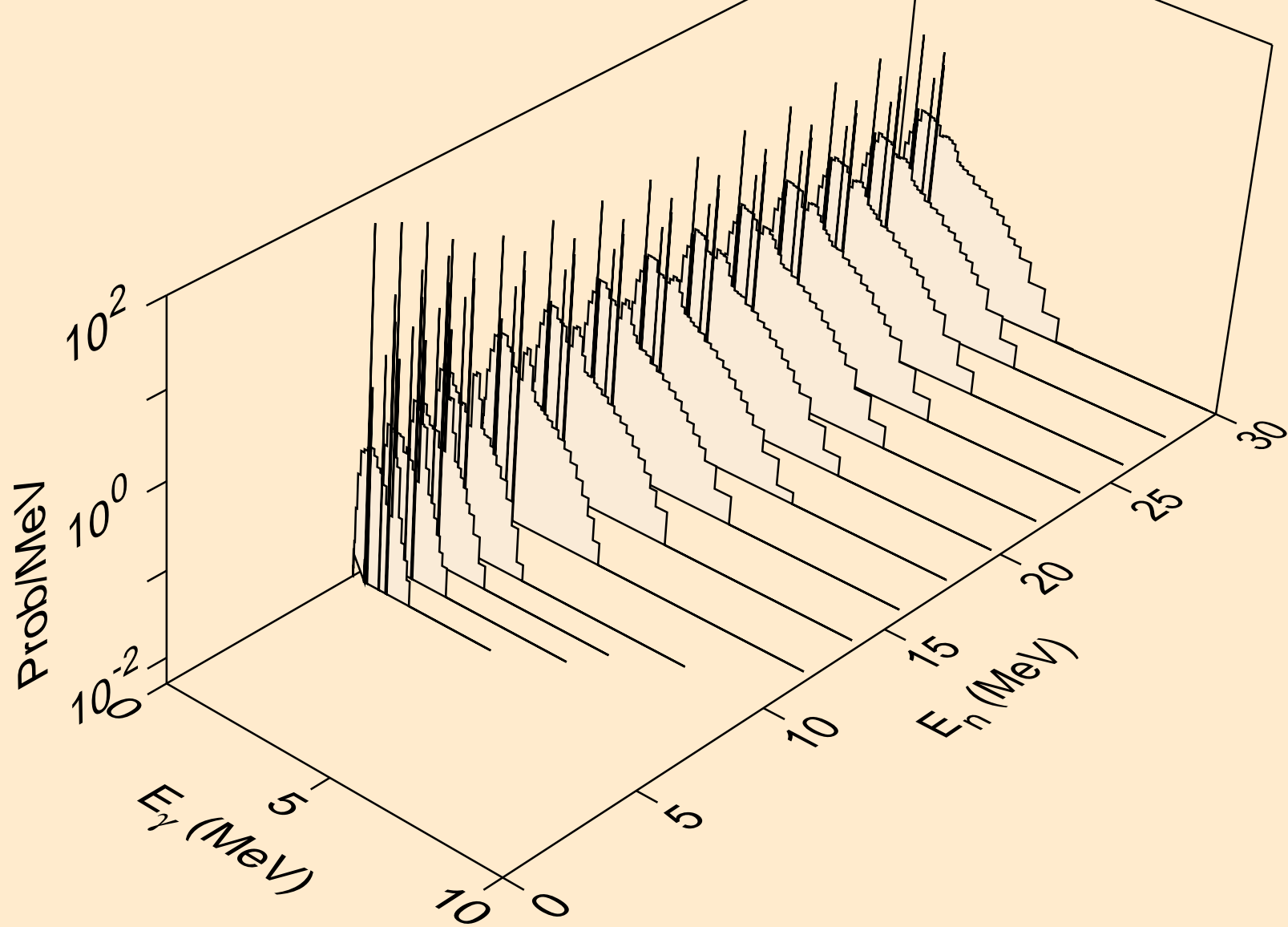
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



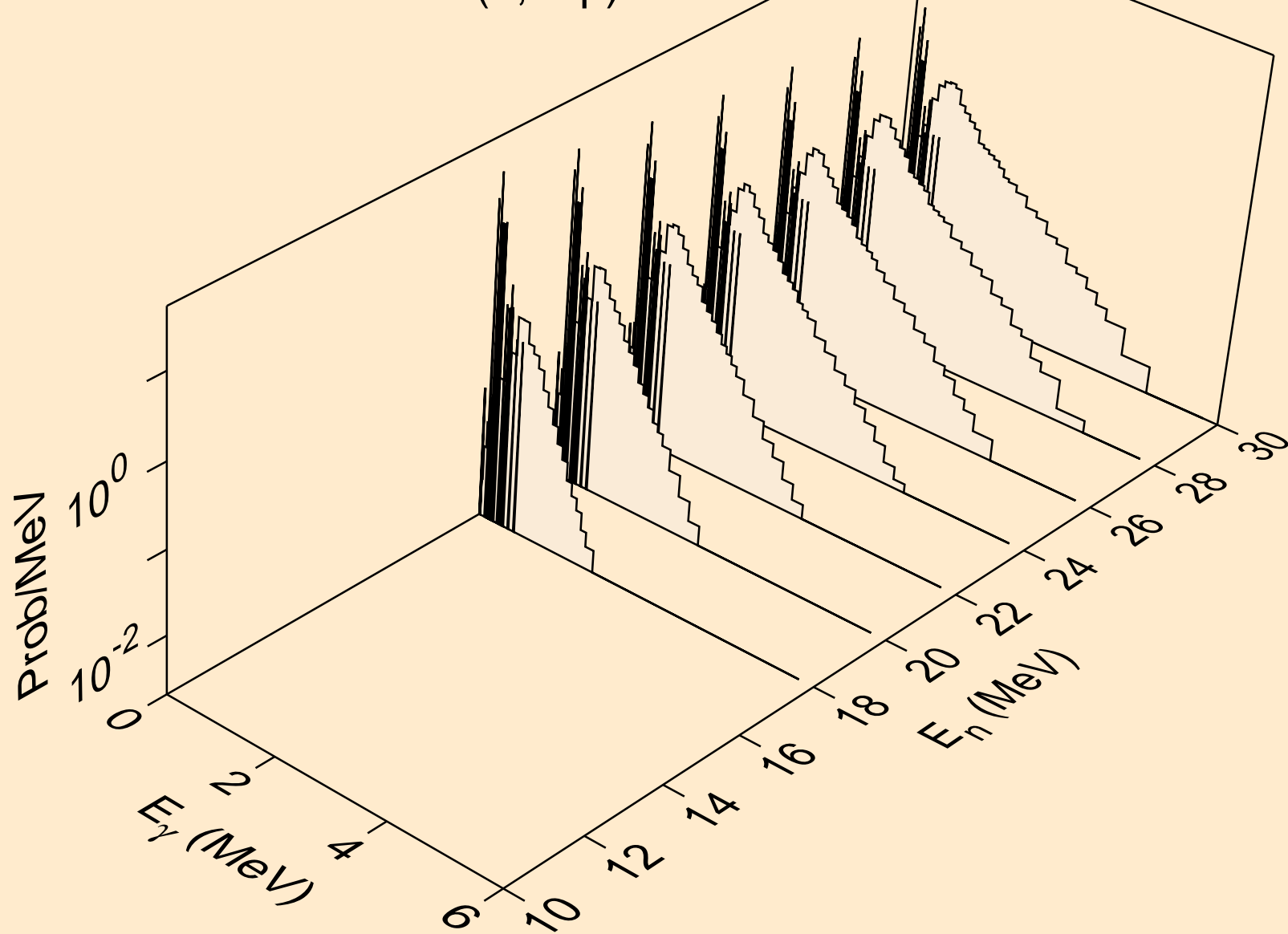
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



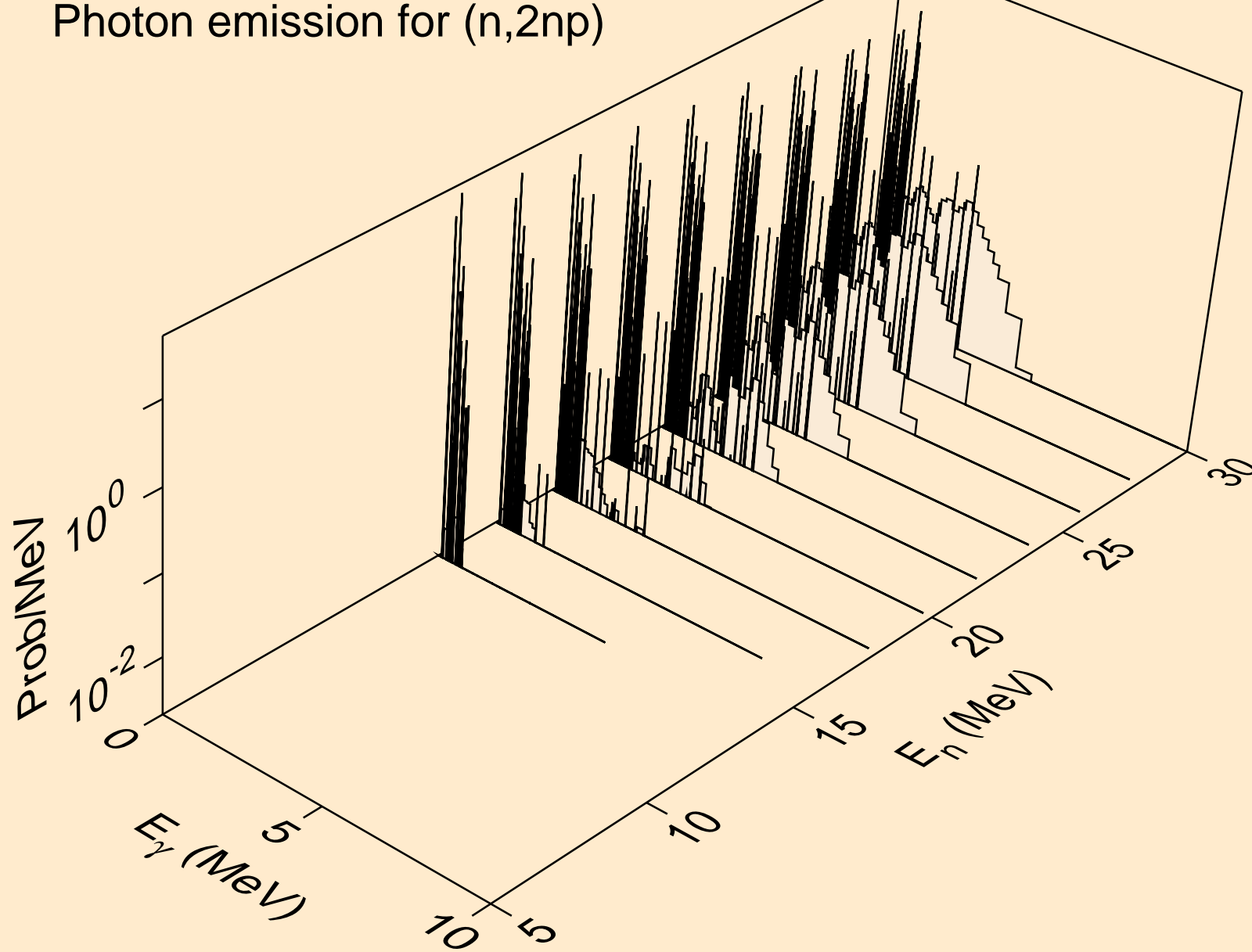
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

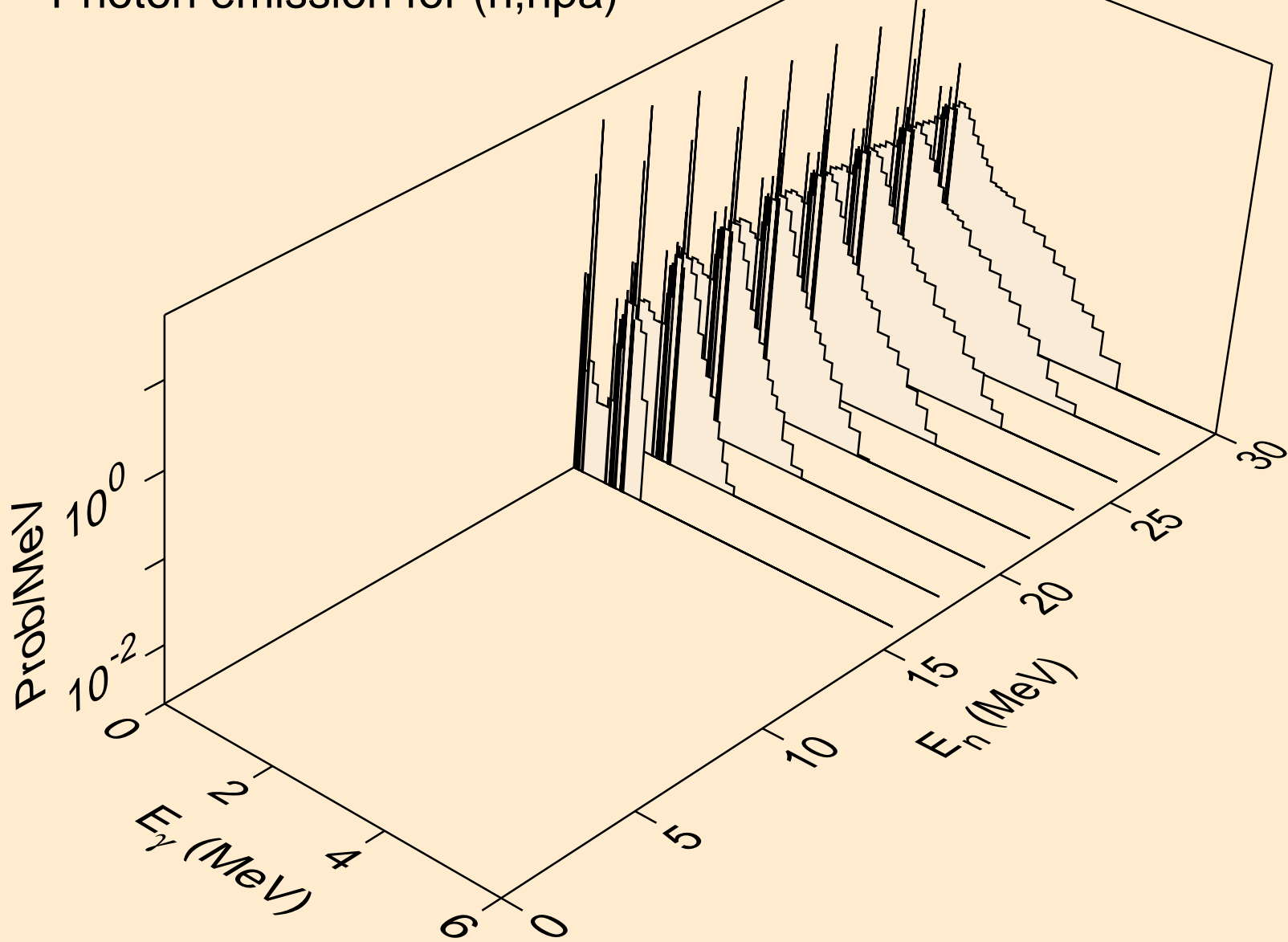


CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

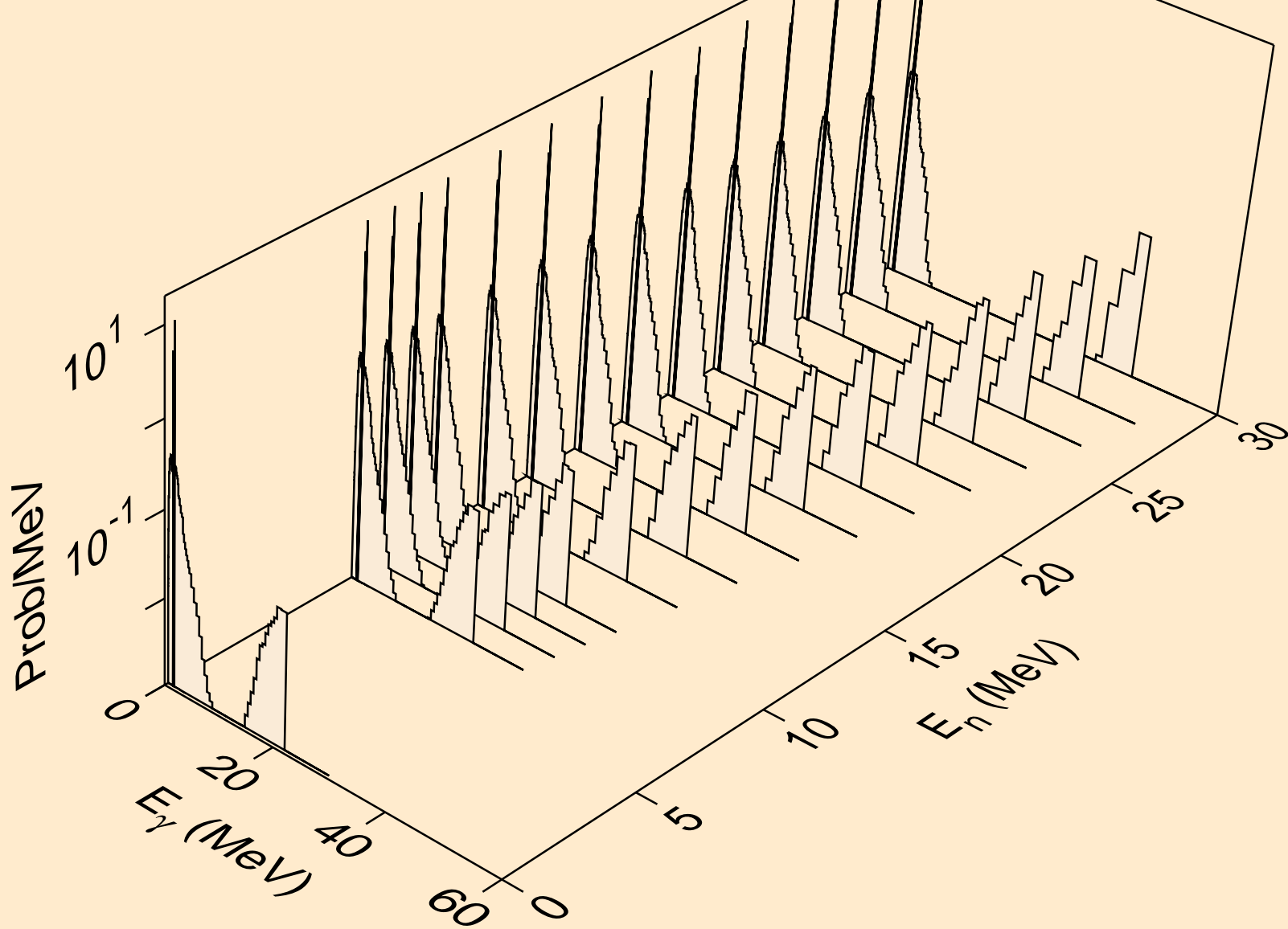




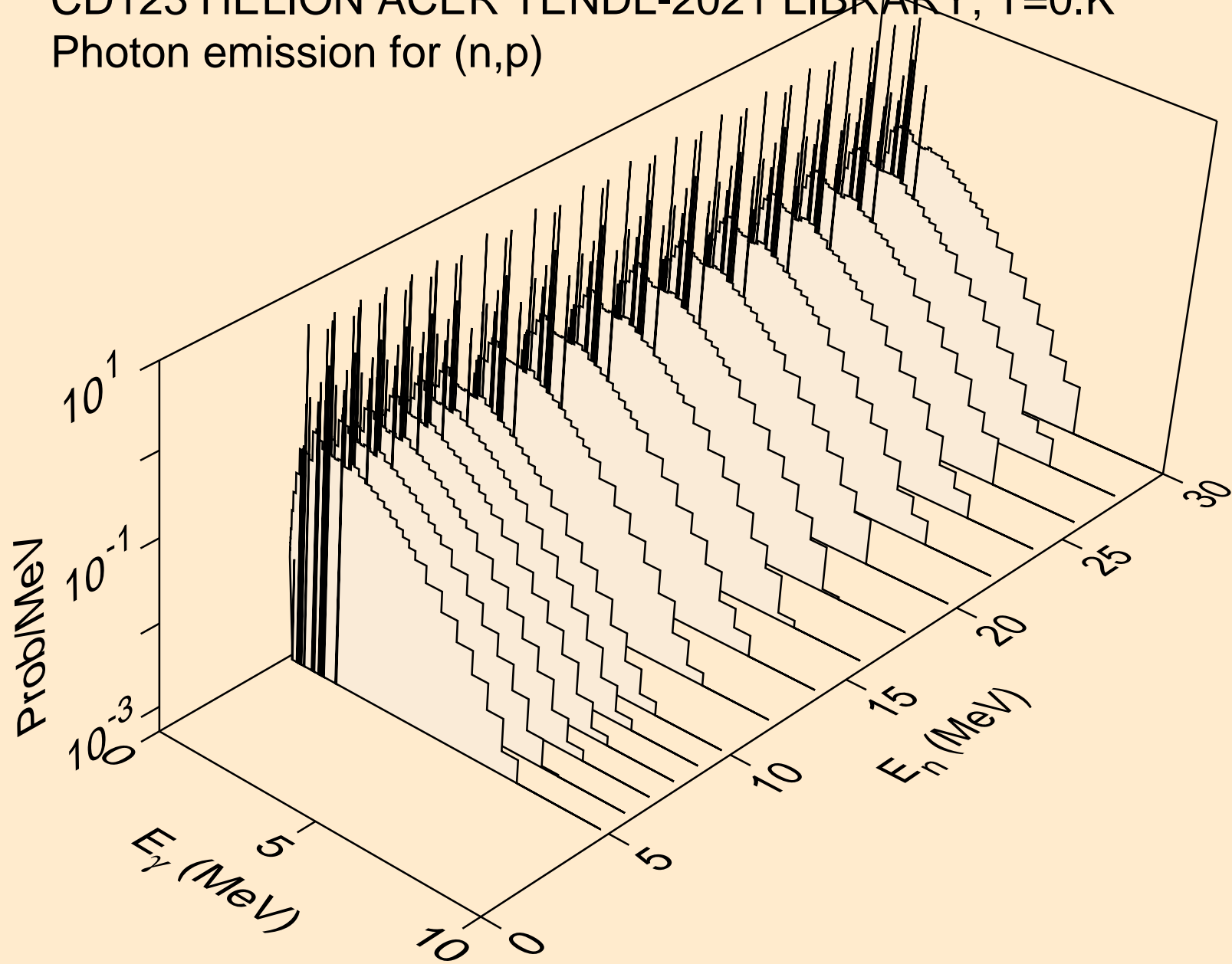
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



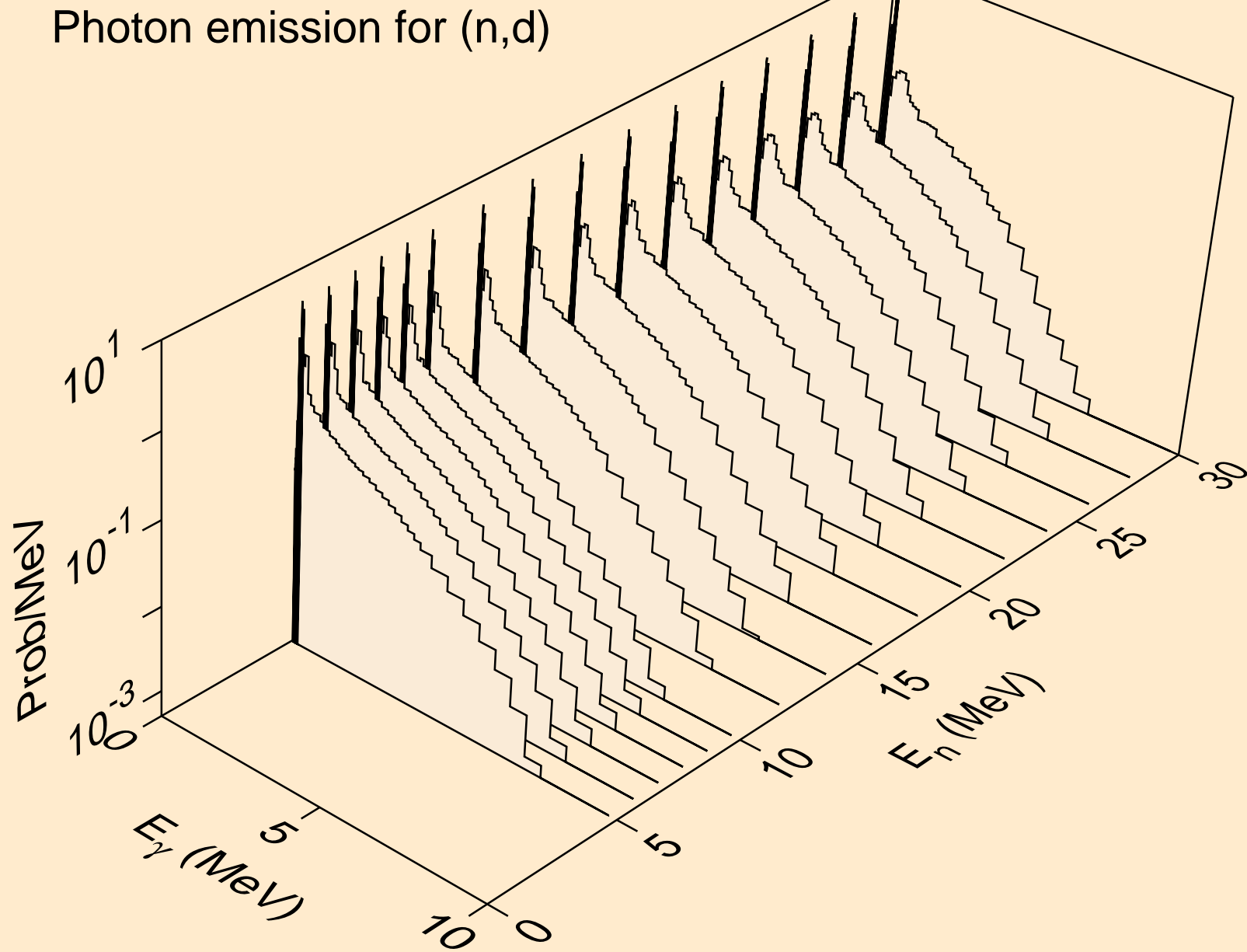
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



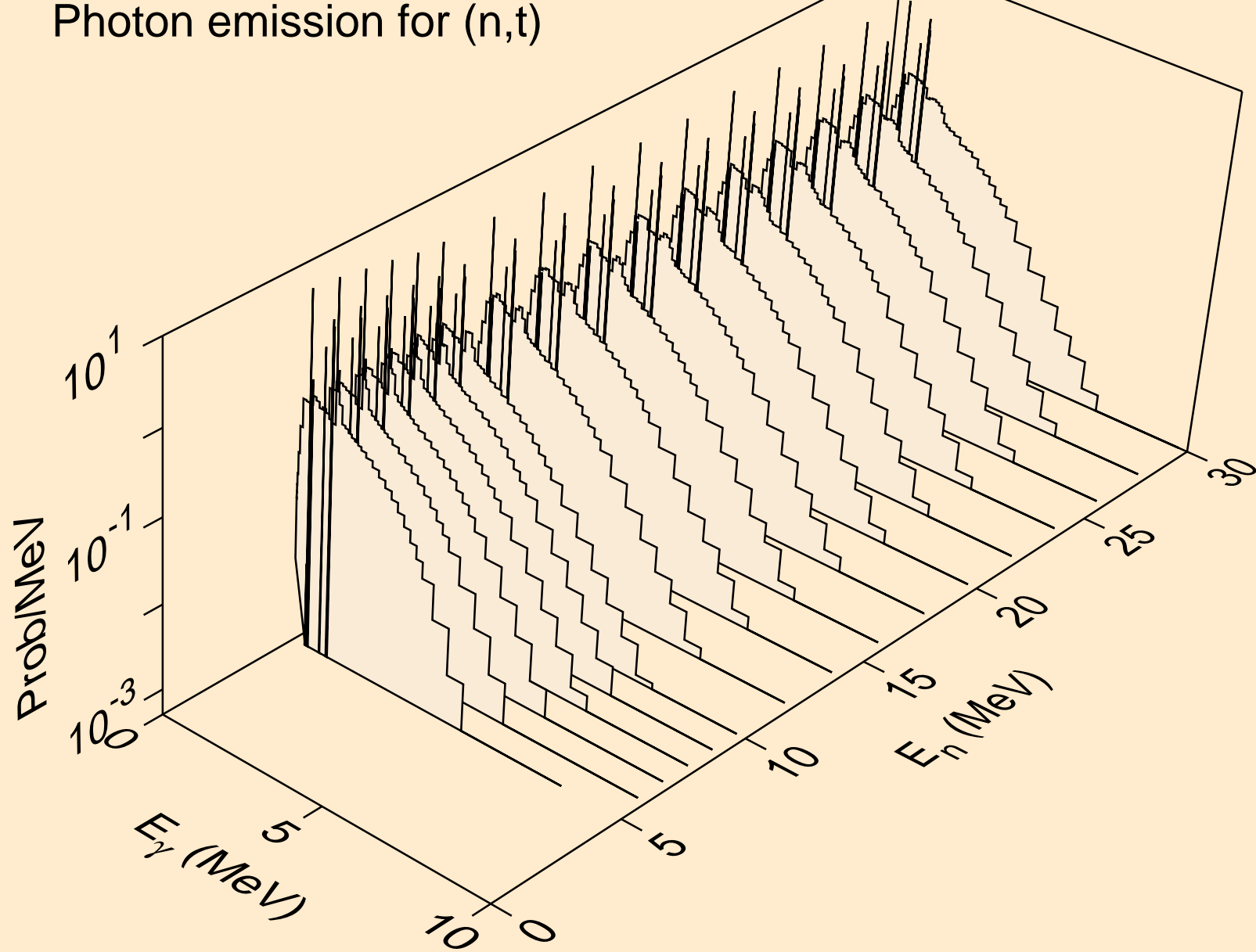
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



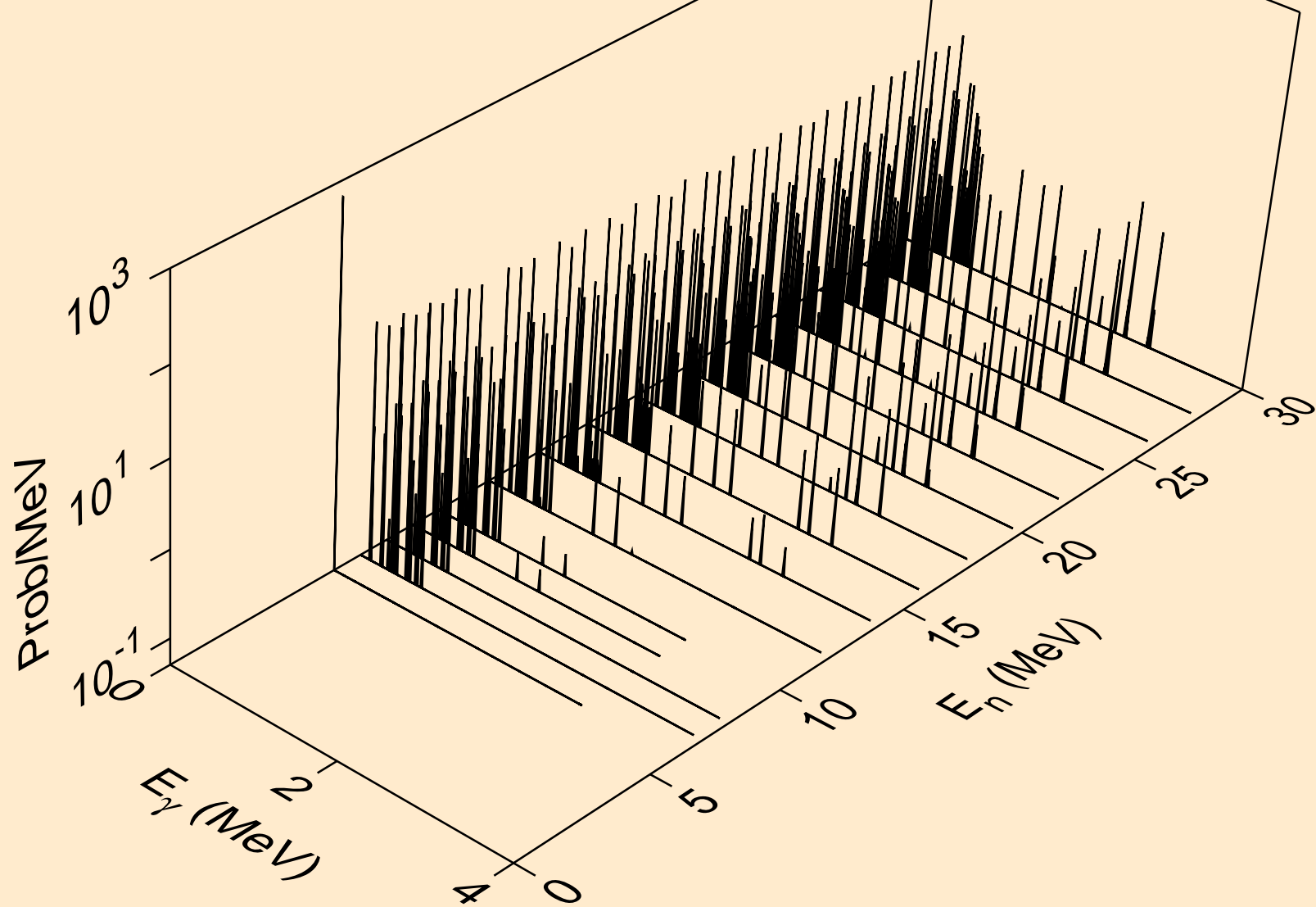
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



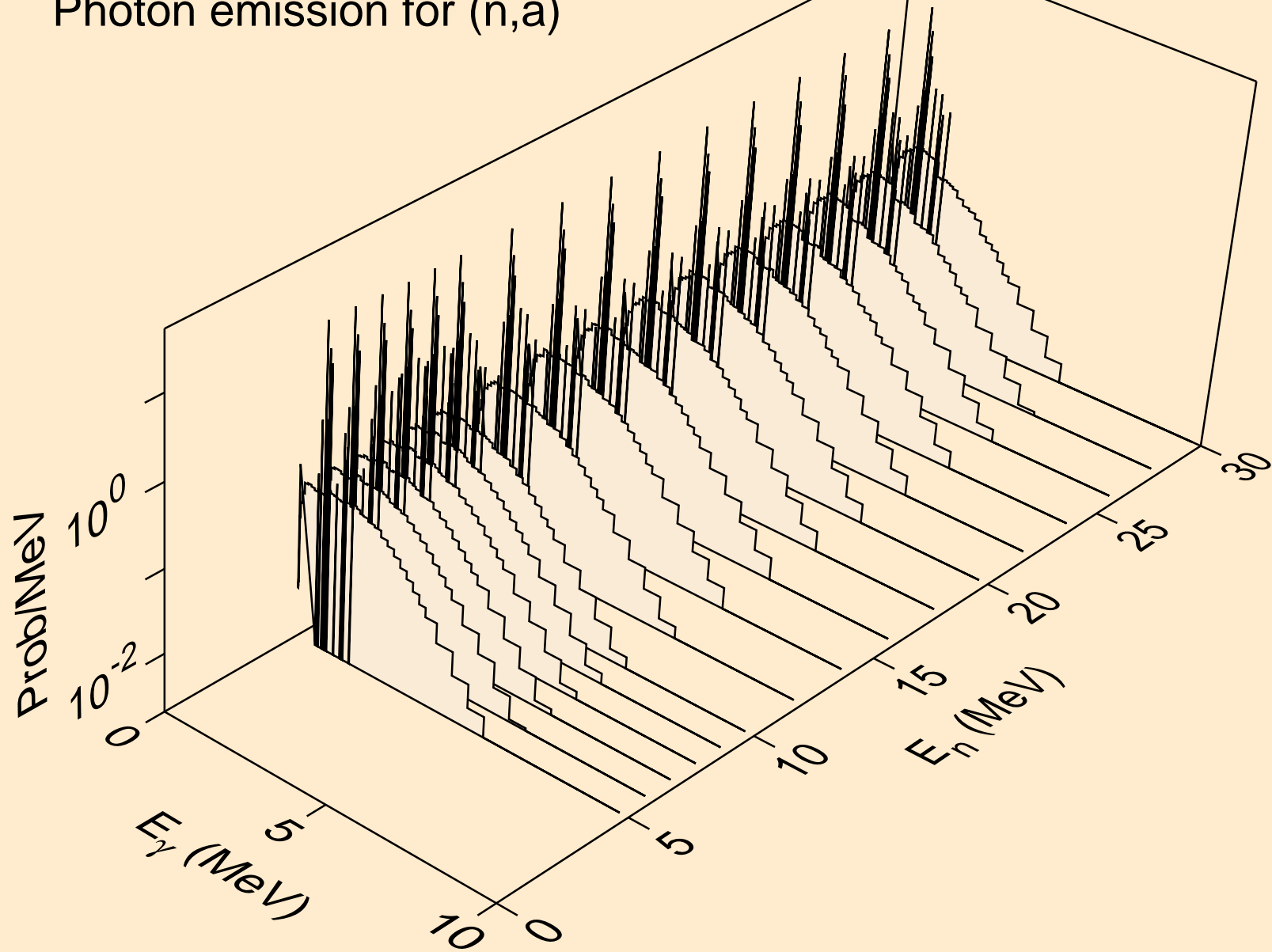
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



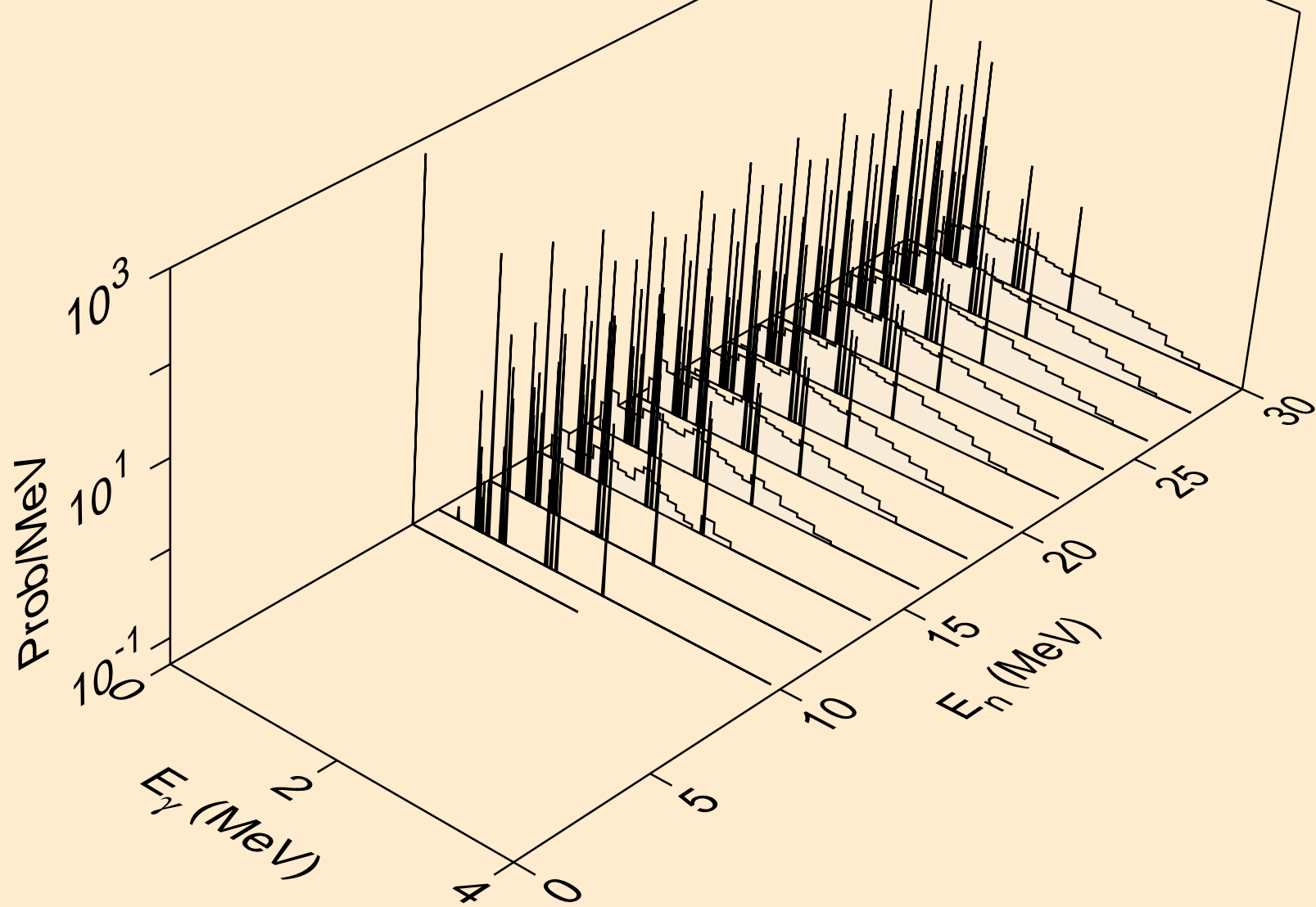
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

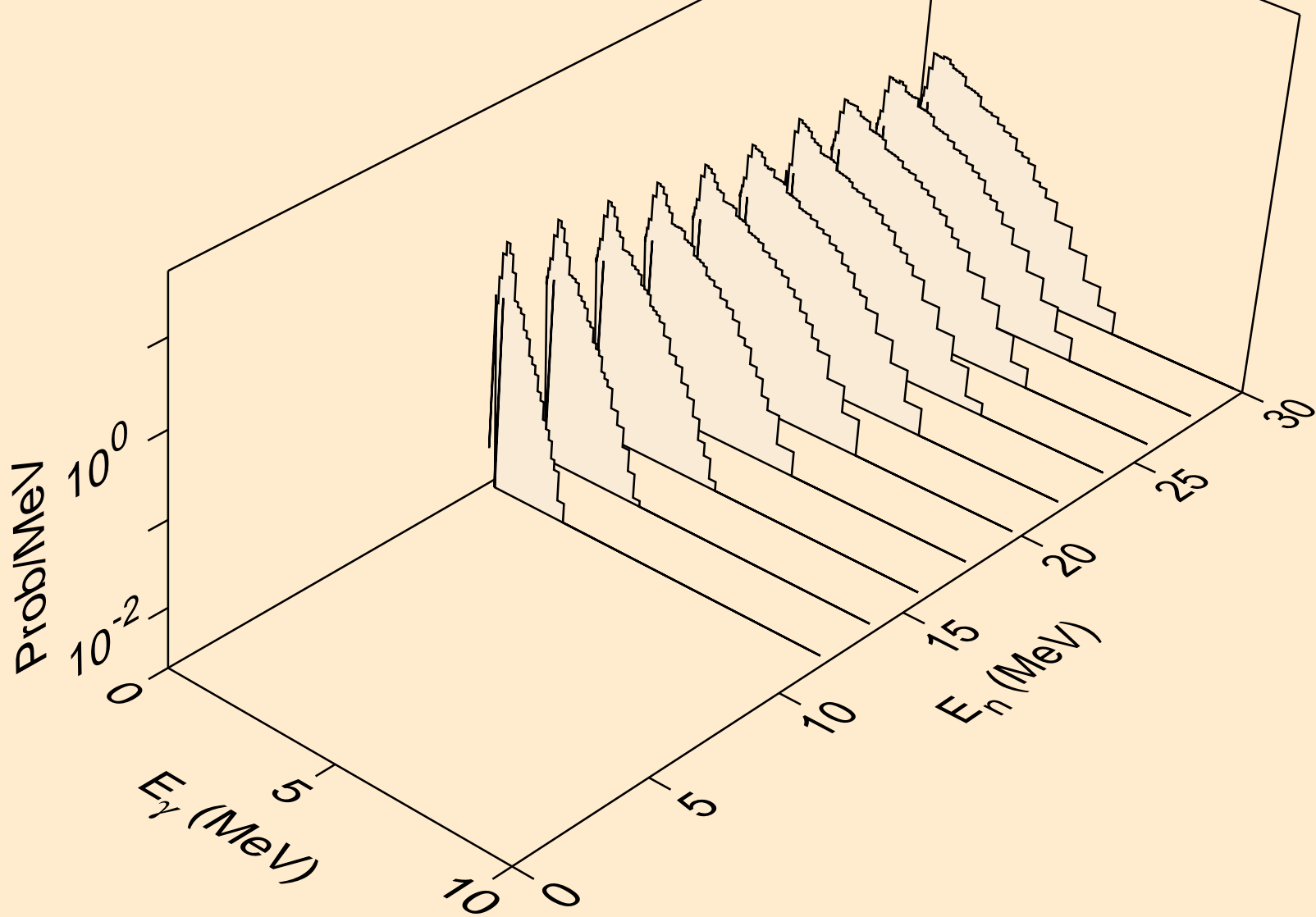


CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

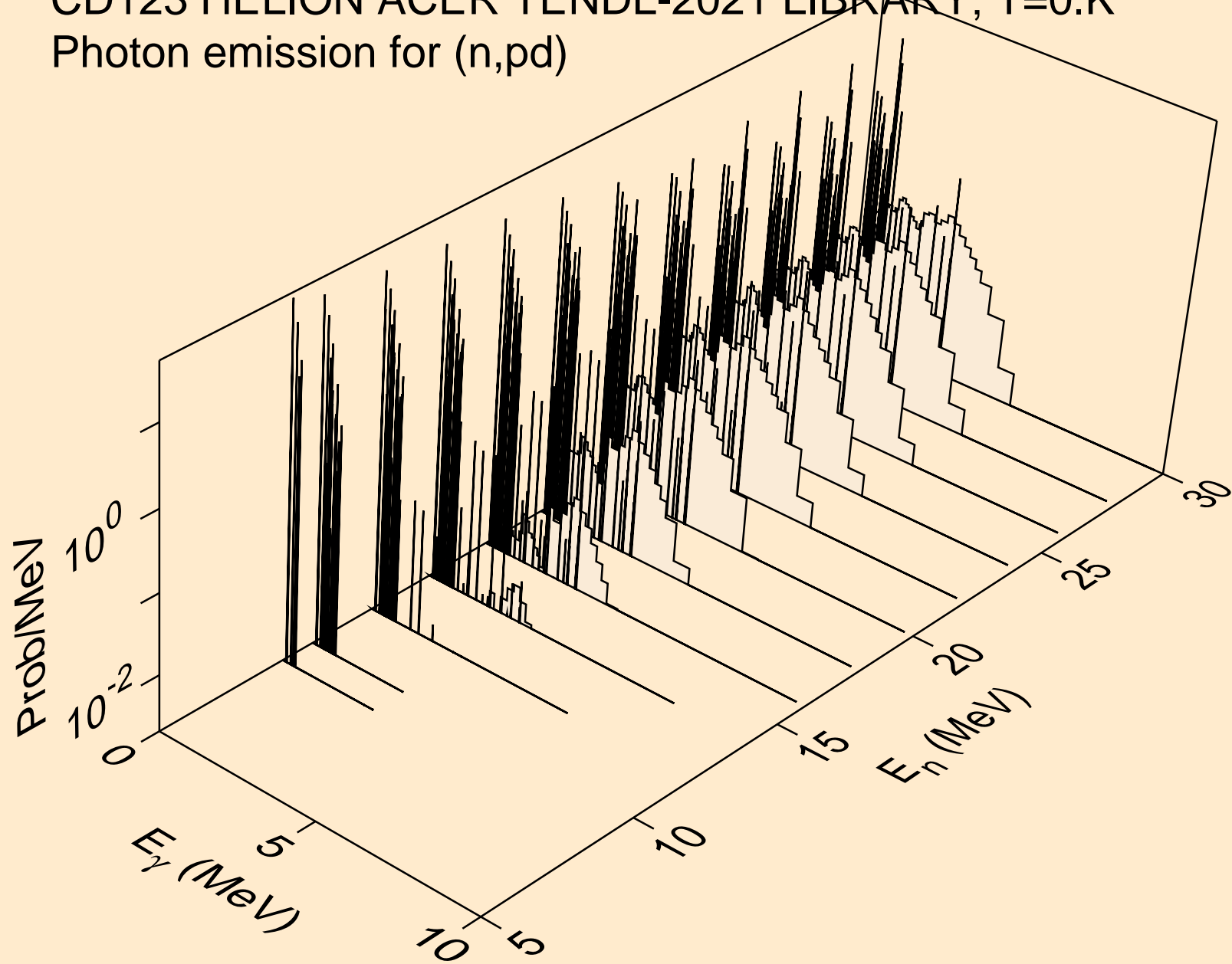




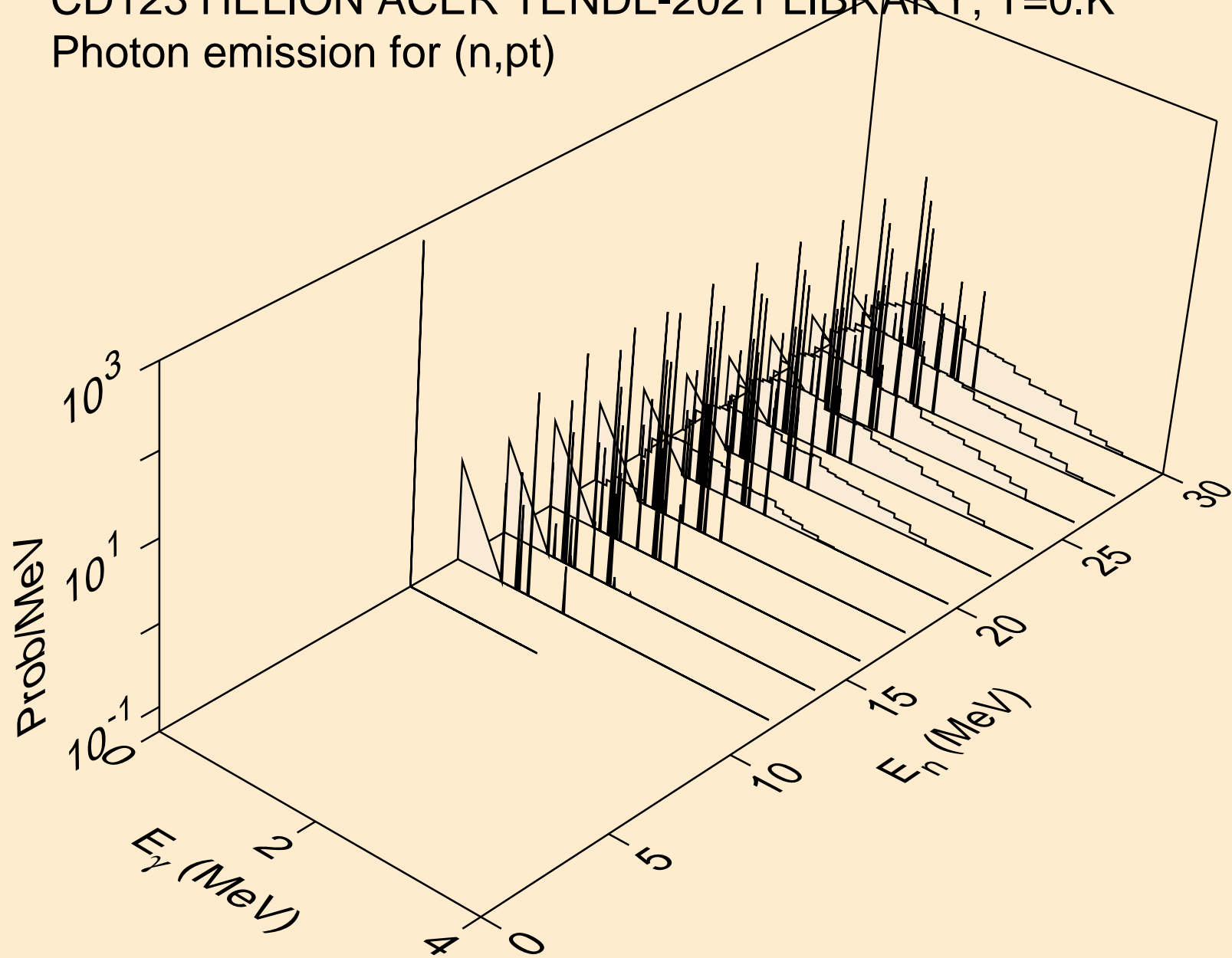
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



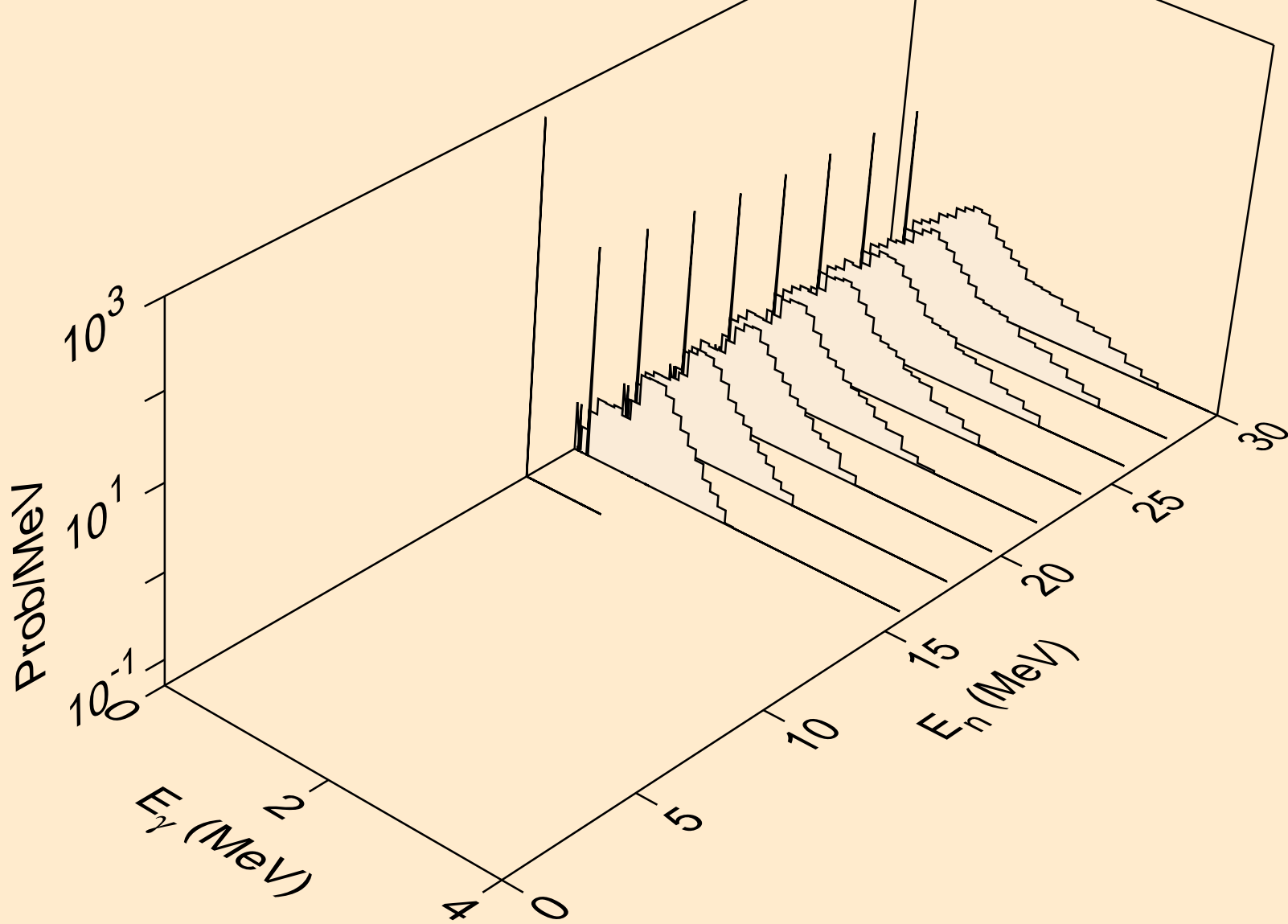
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

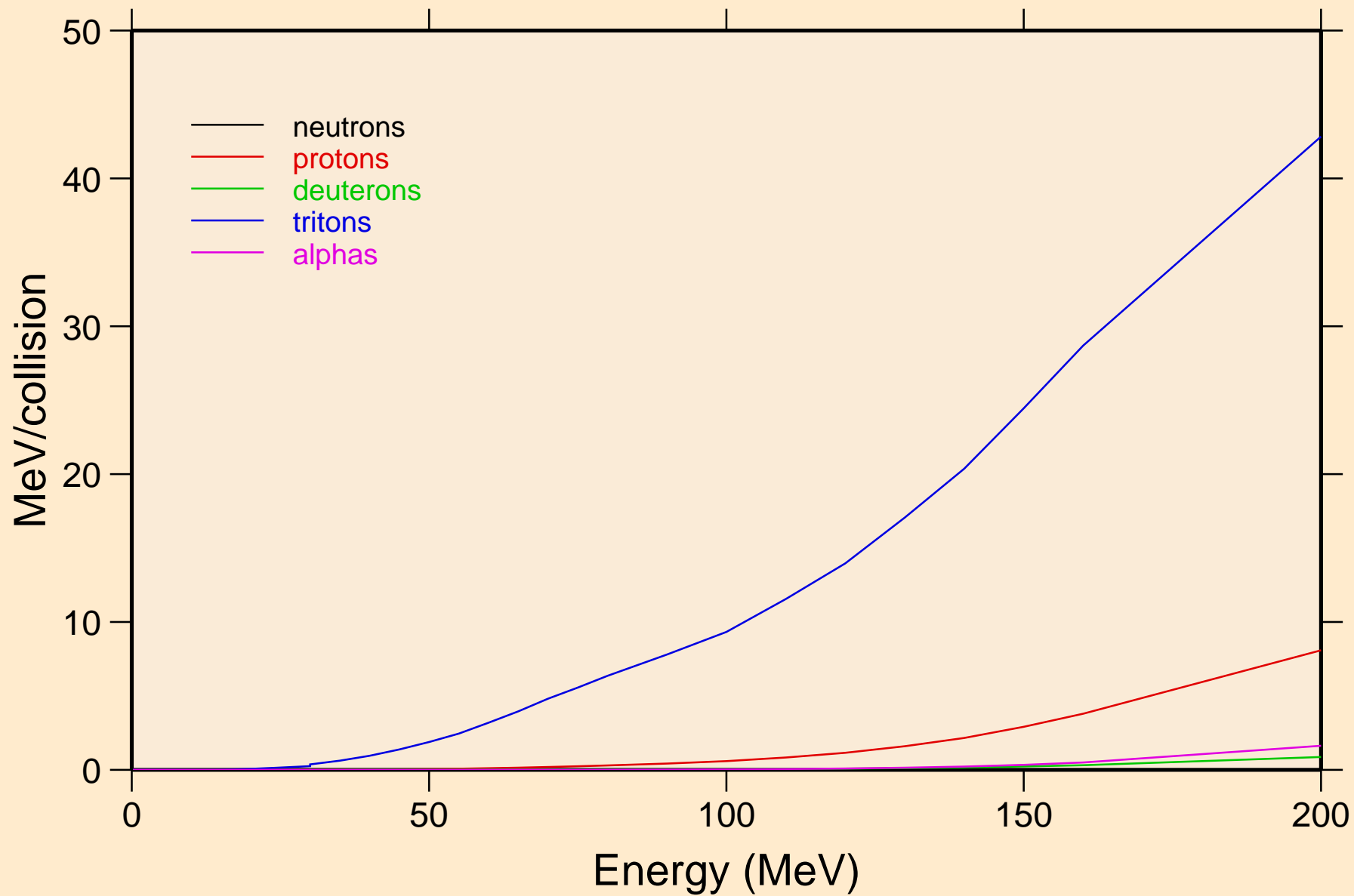


CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

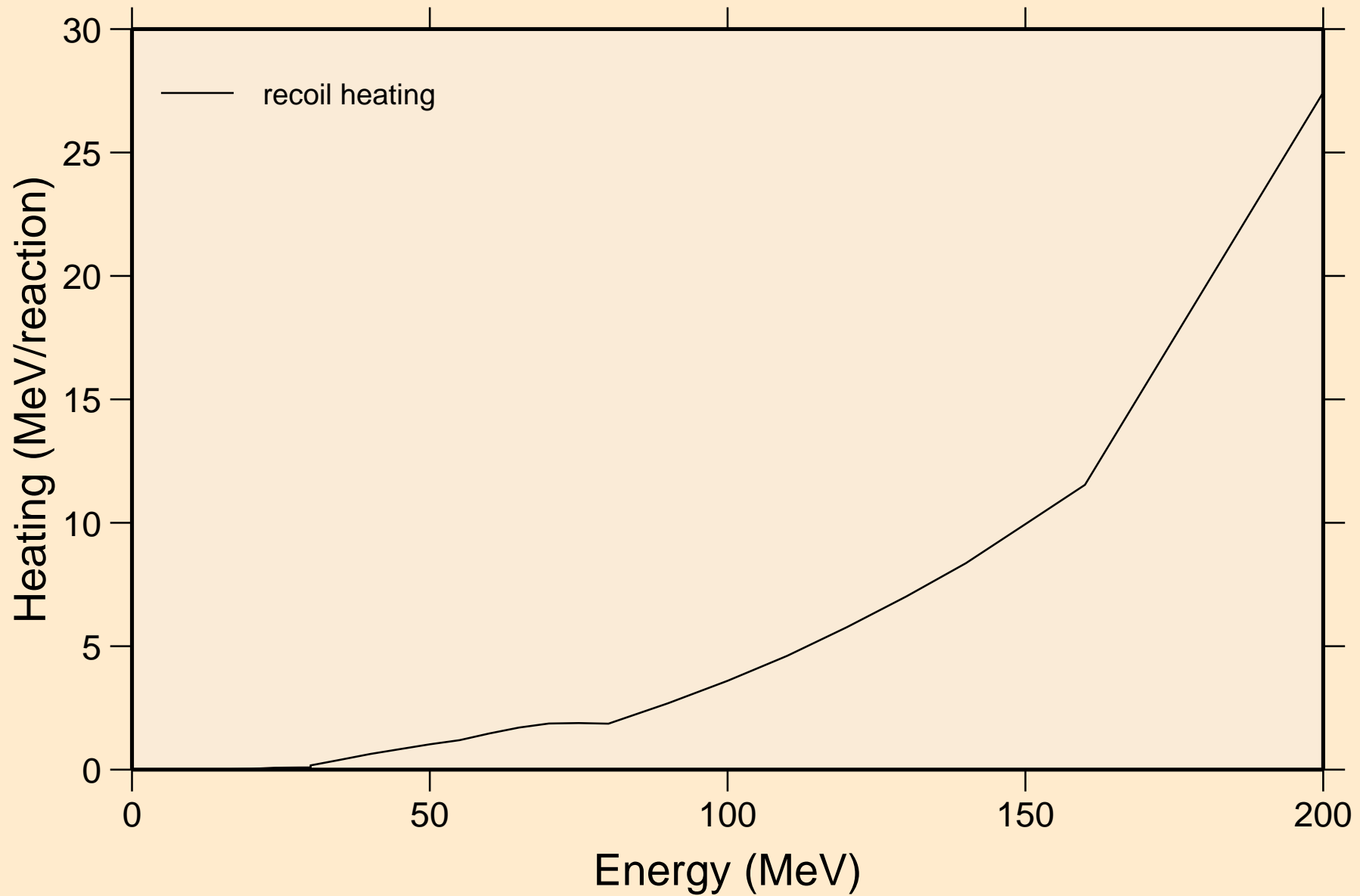


# CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K

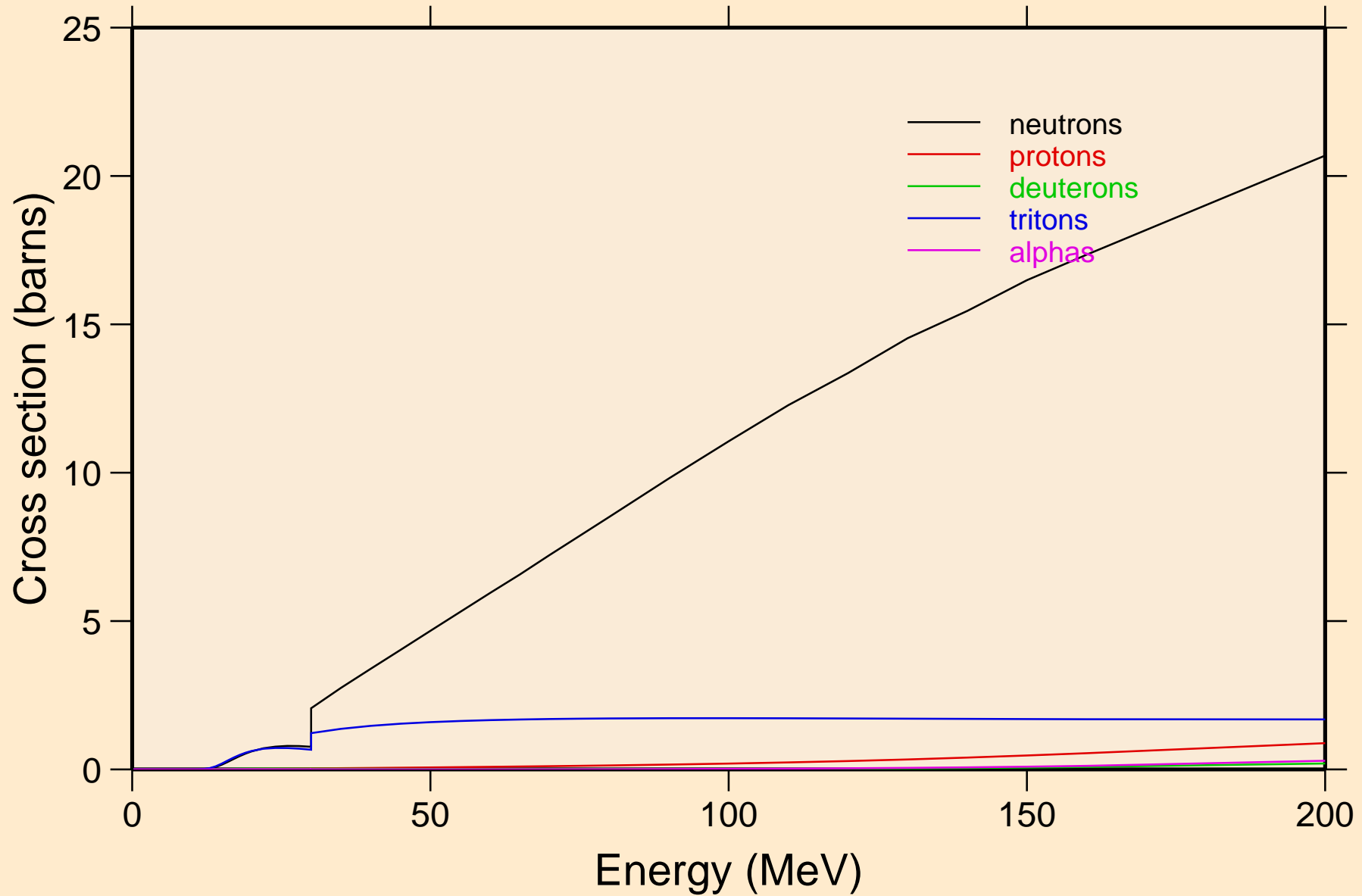
## Particle heating contributions



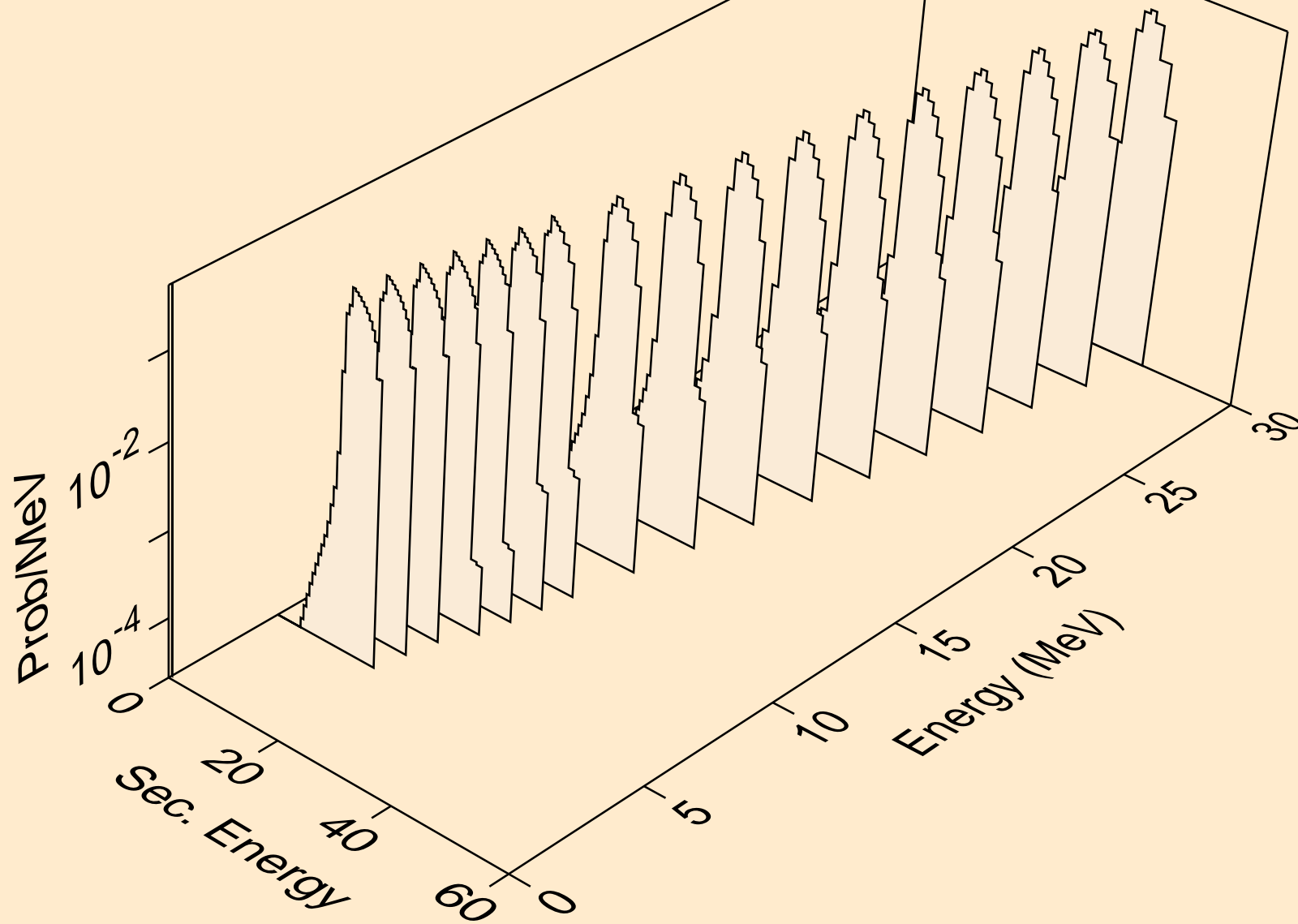
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

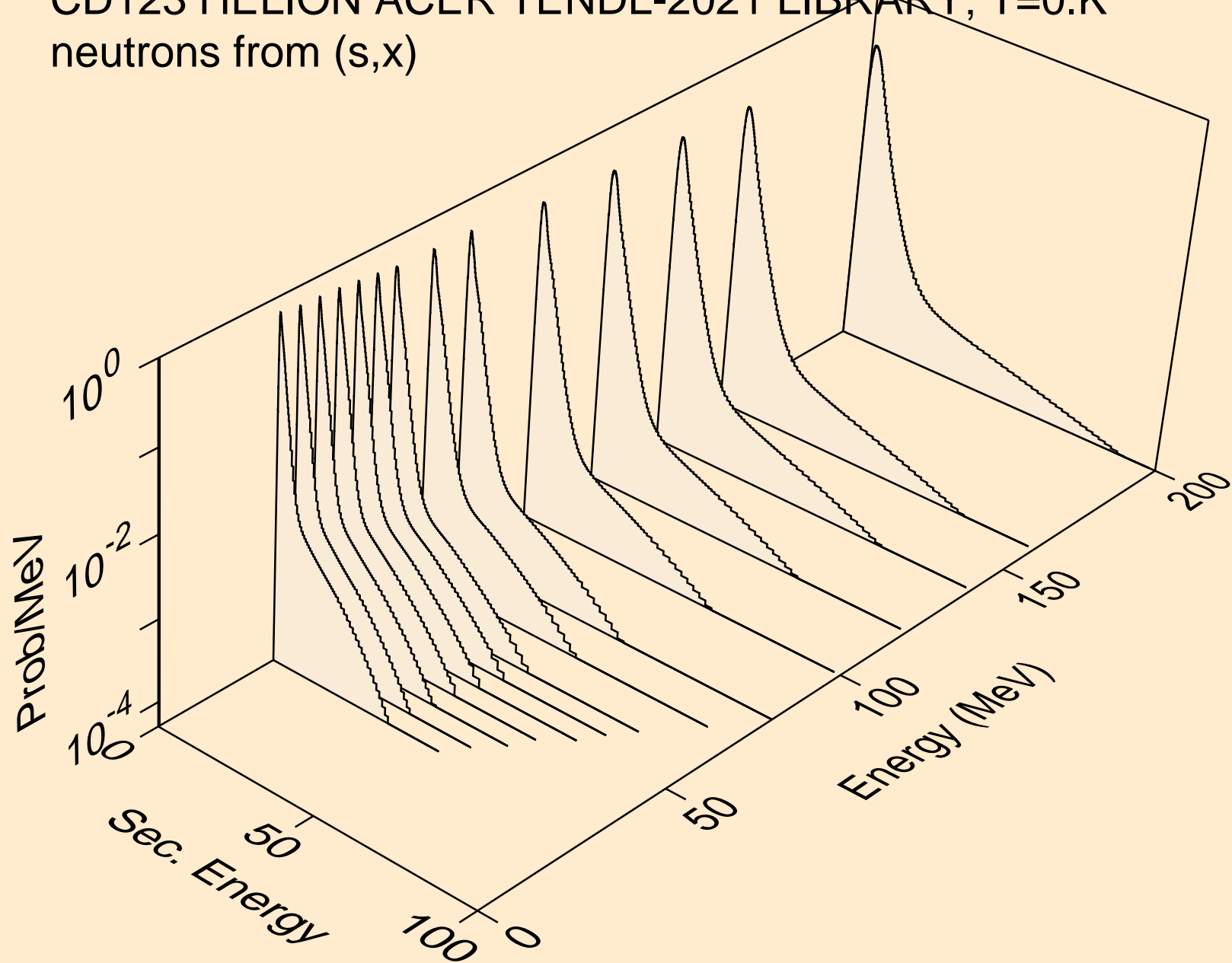


CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

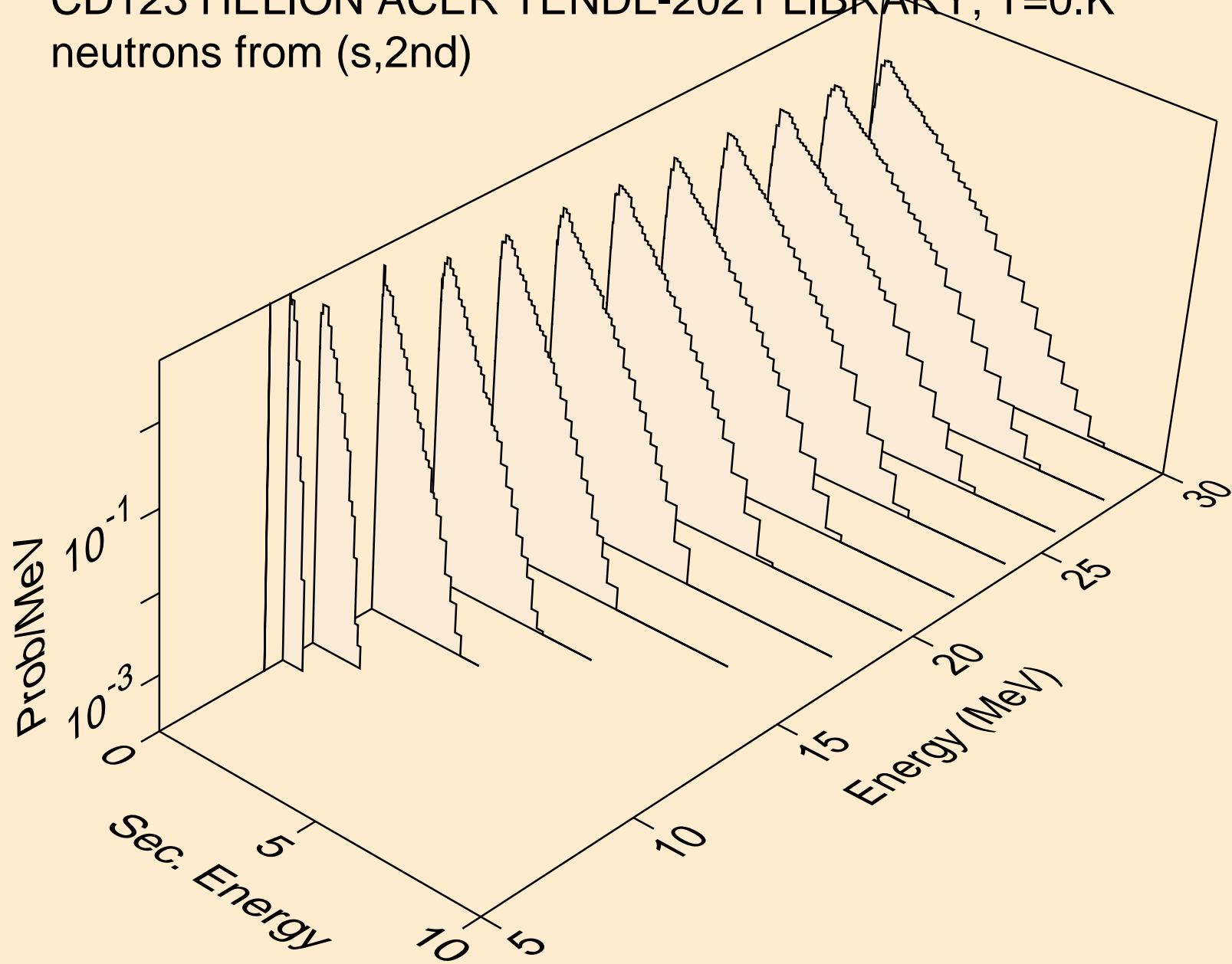




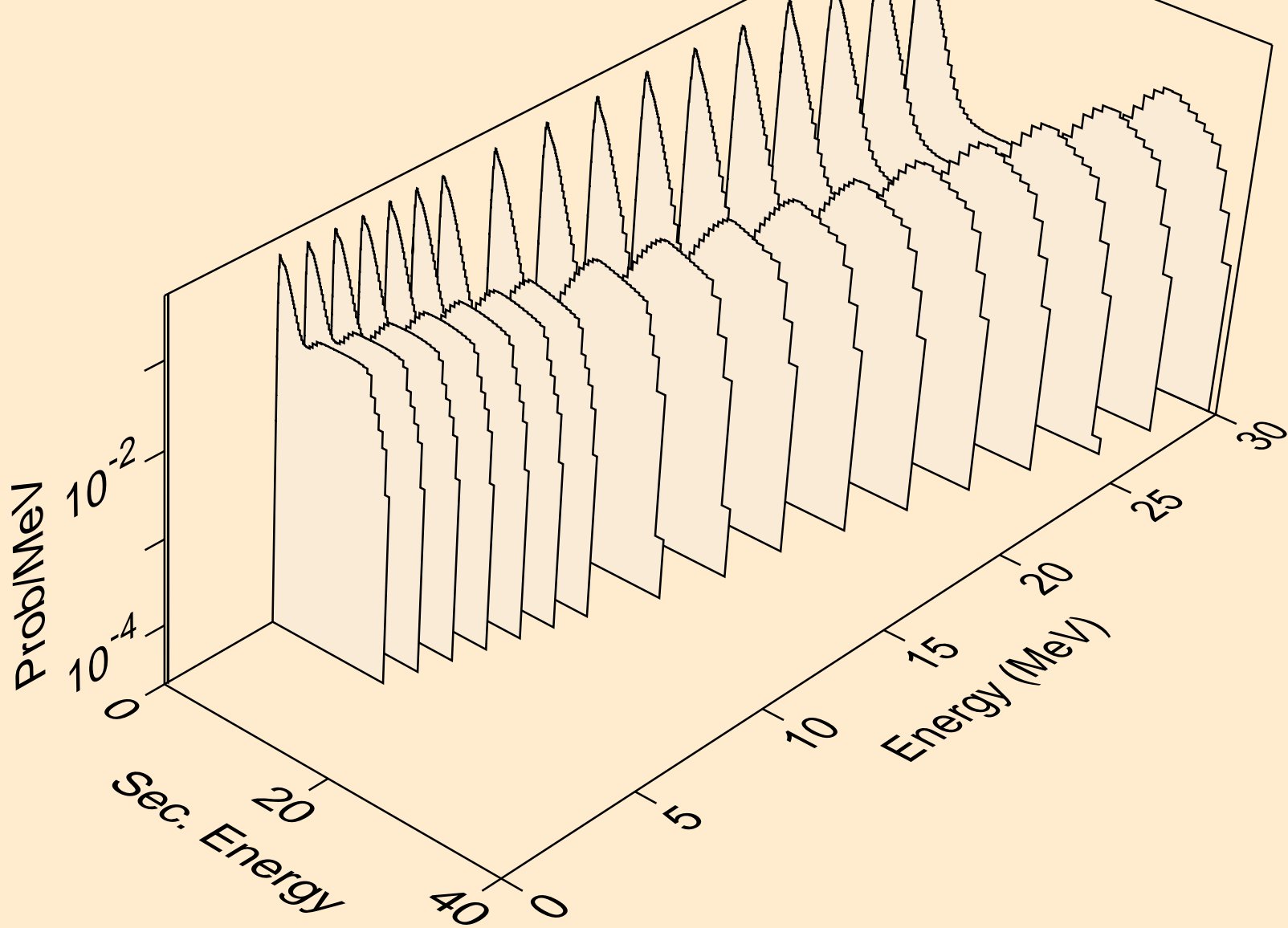
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



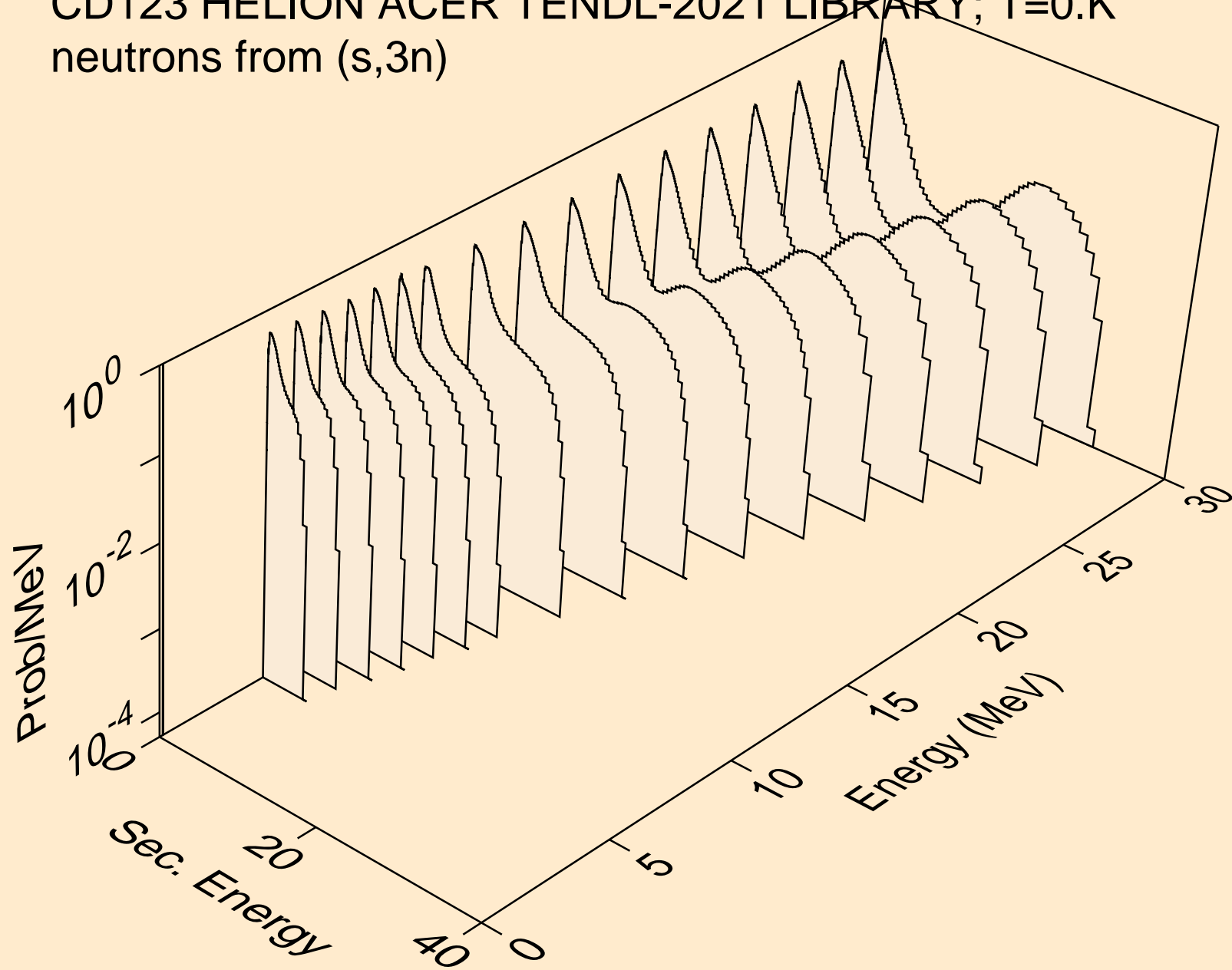
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



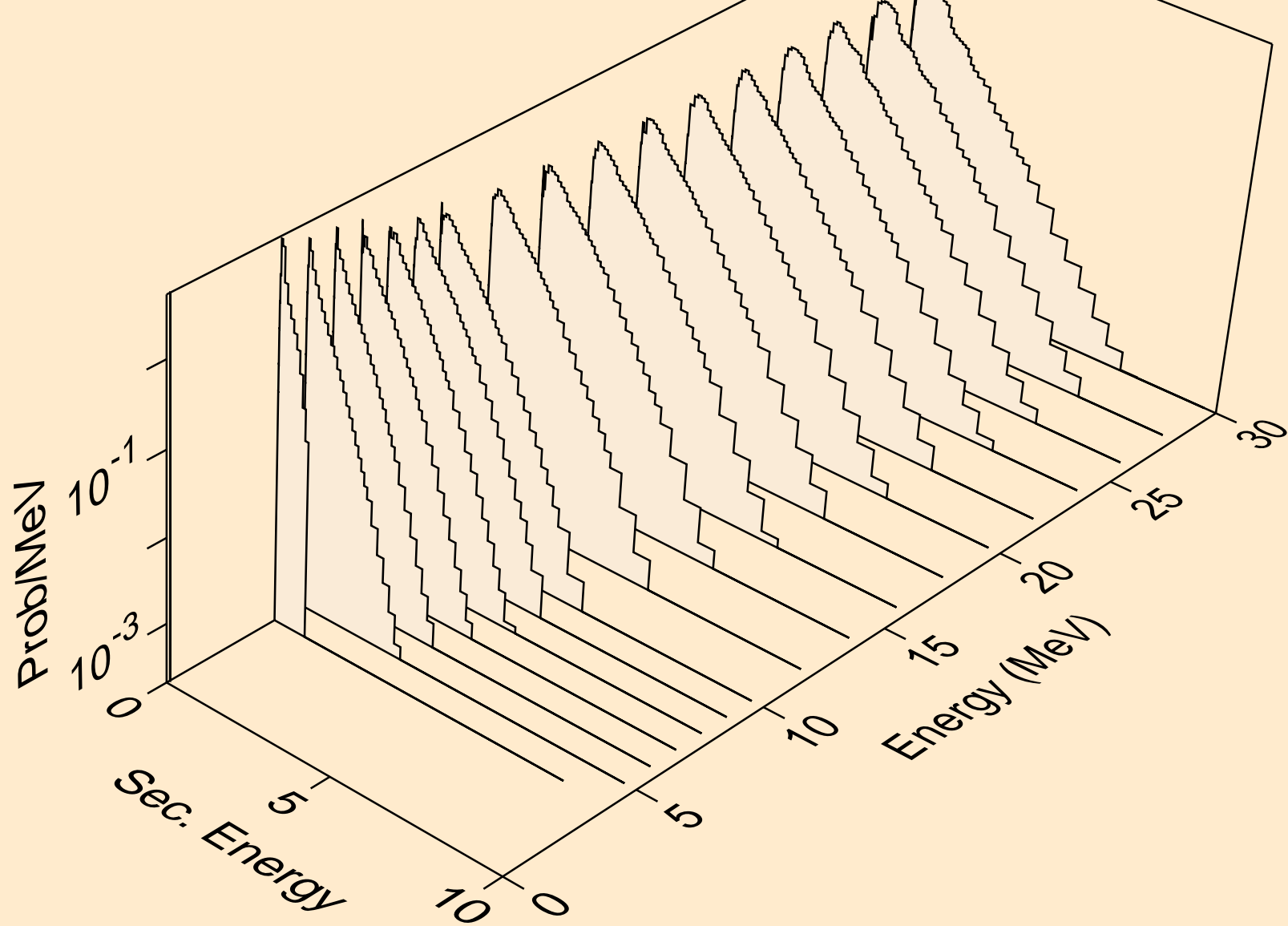
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



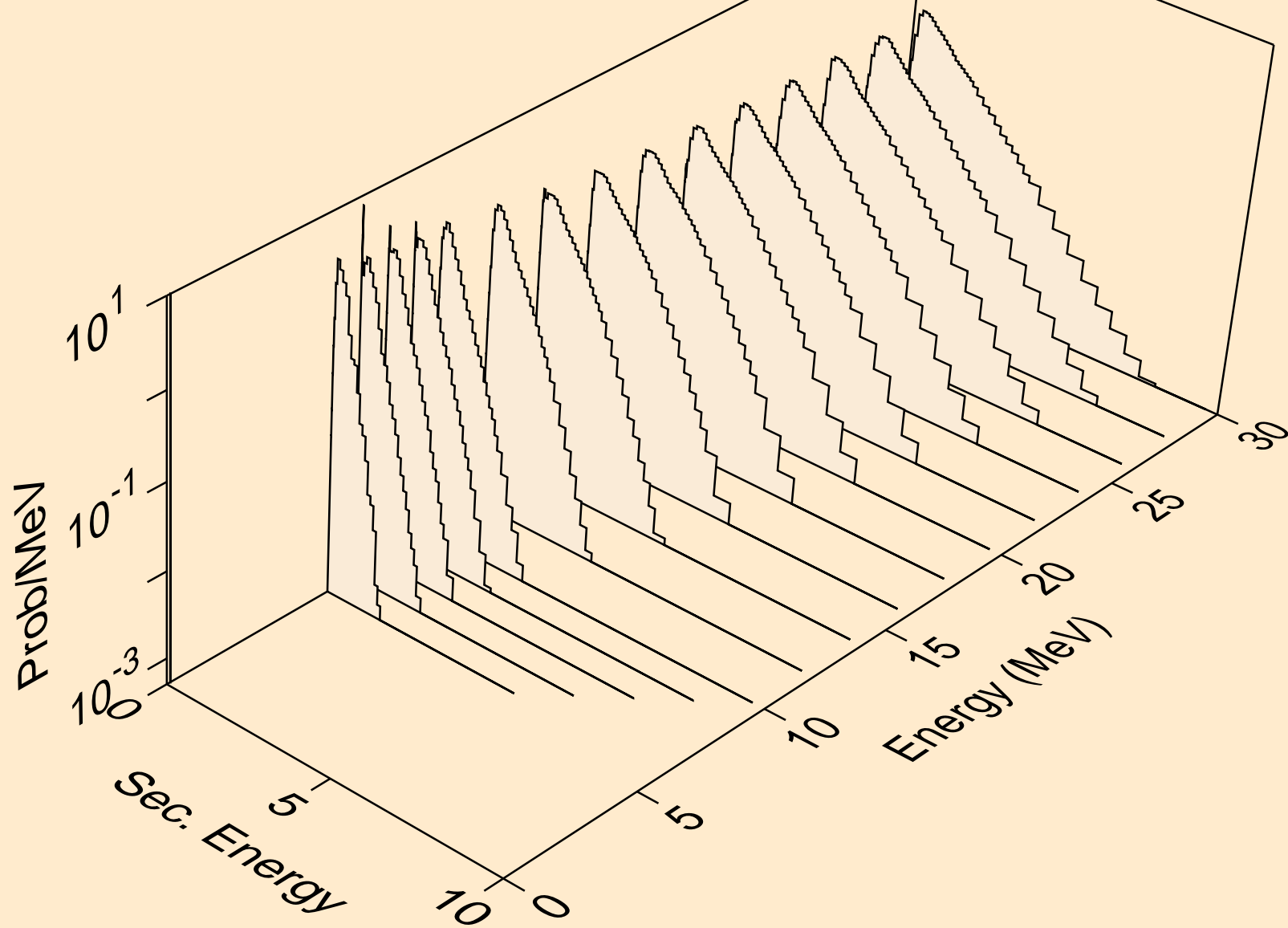
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



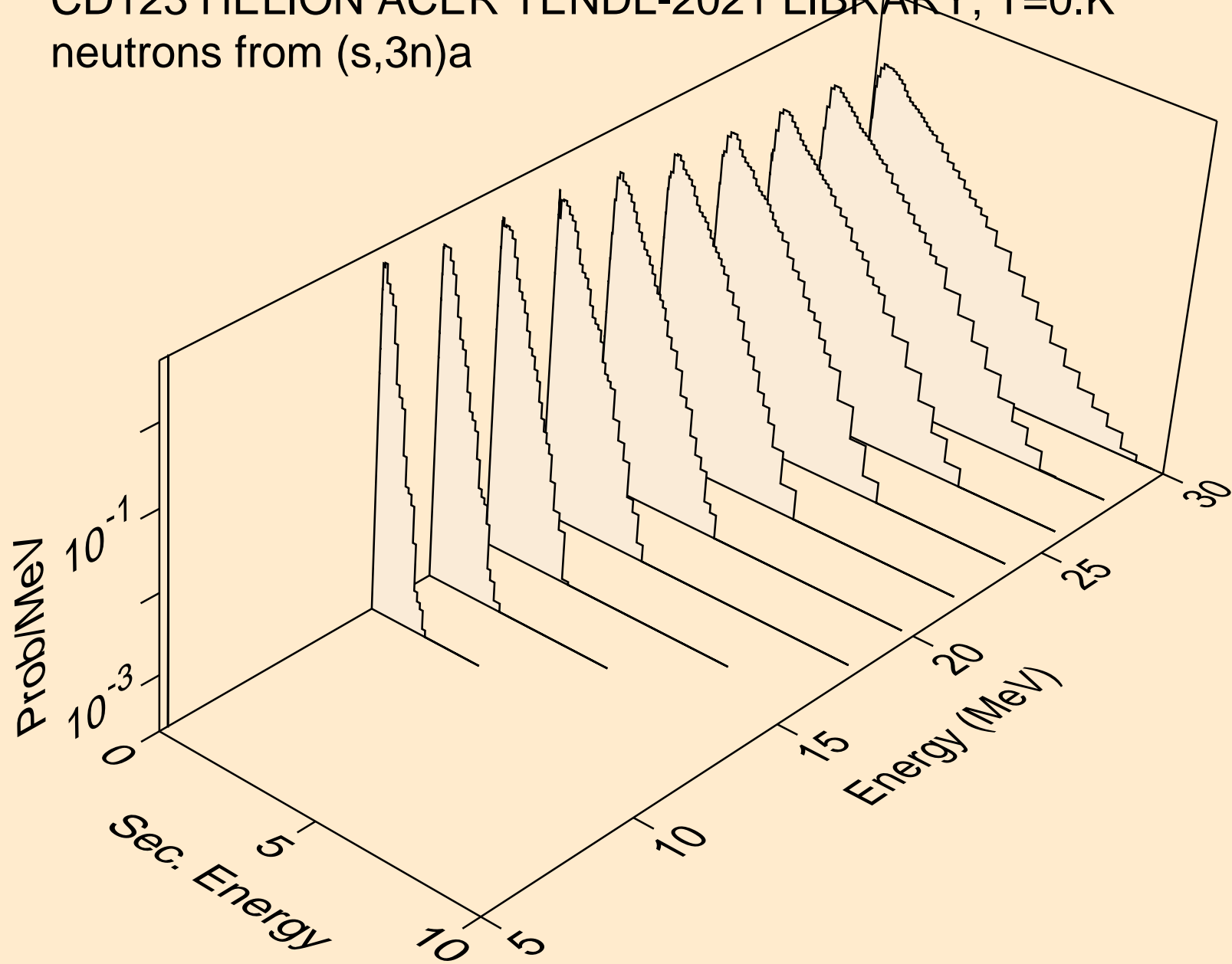
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



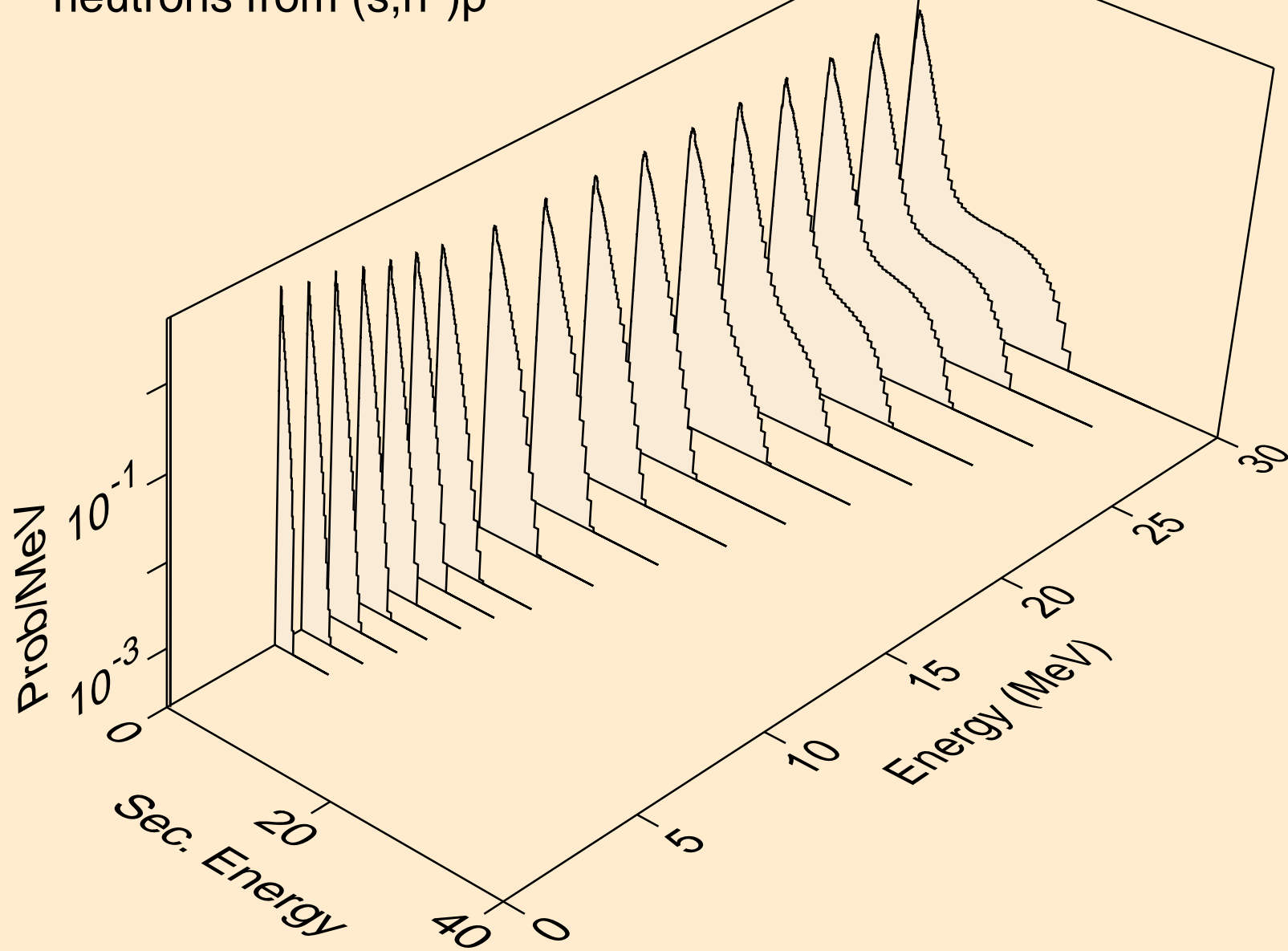
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a

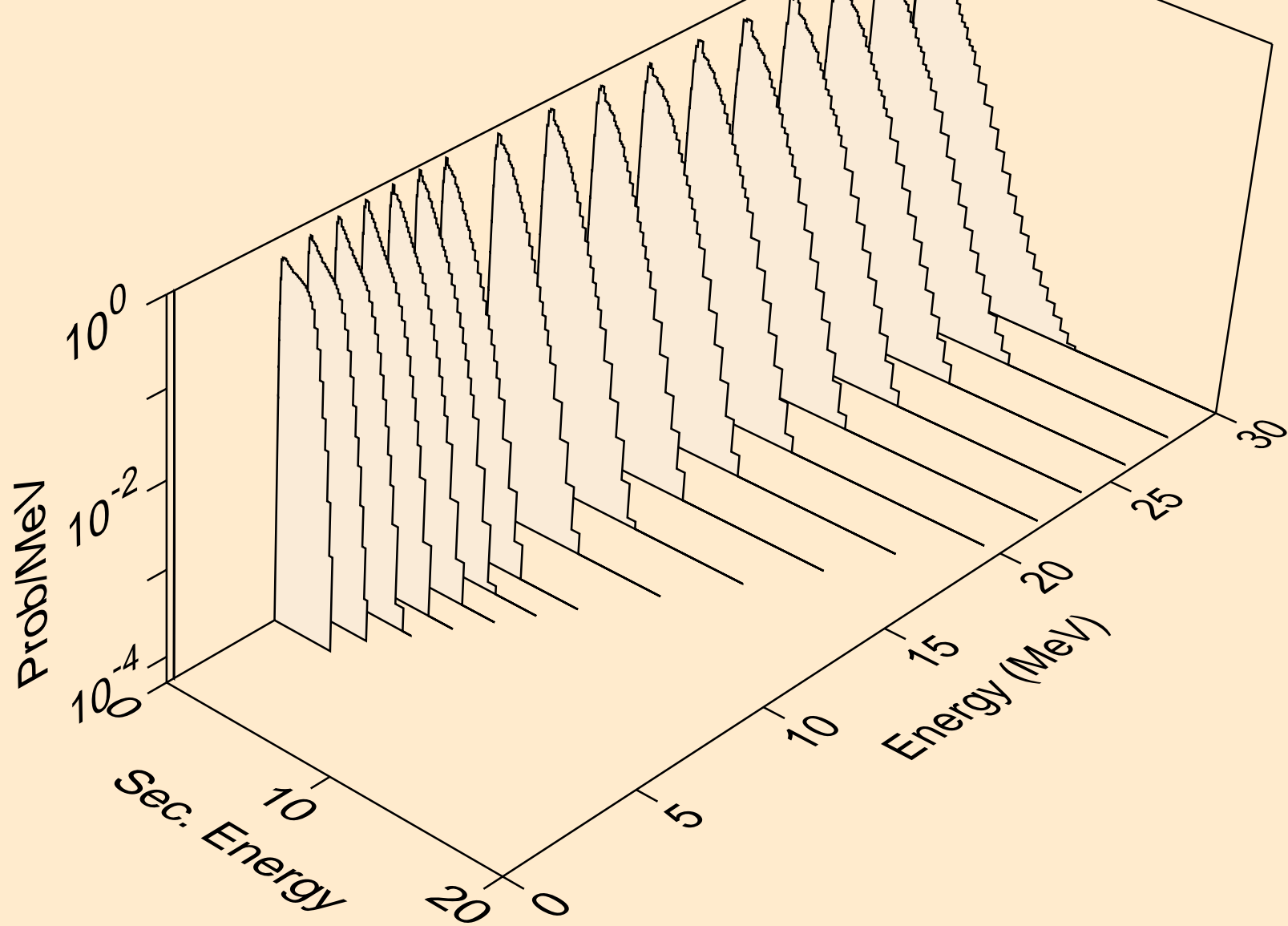


CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

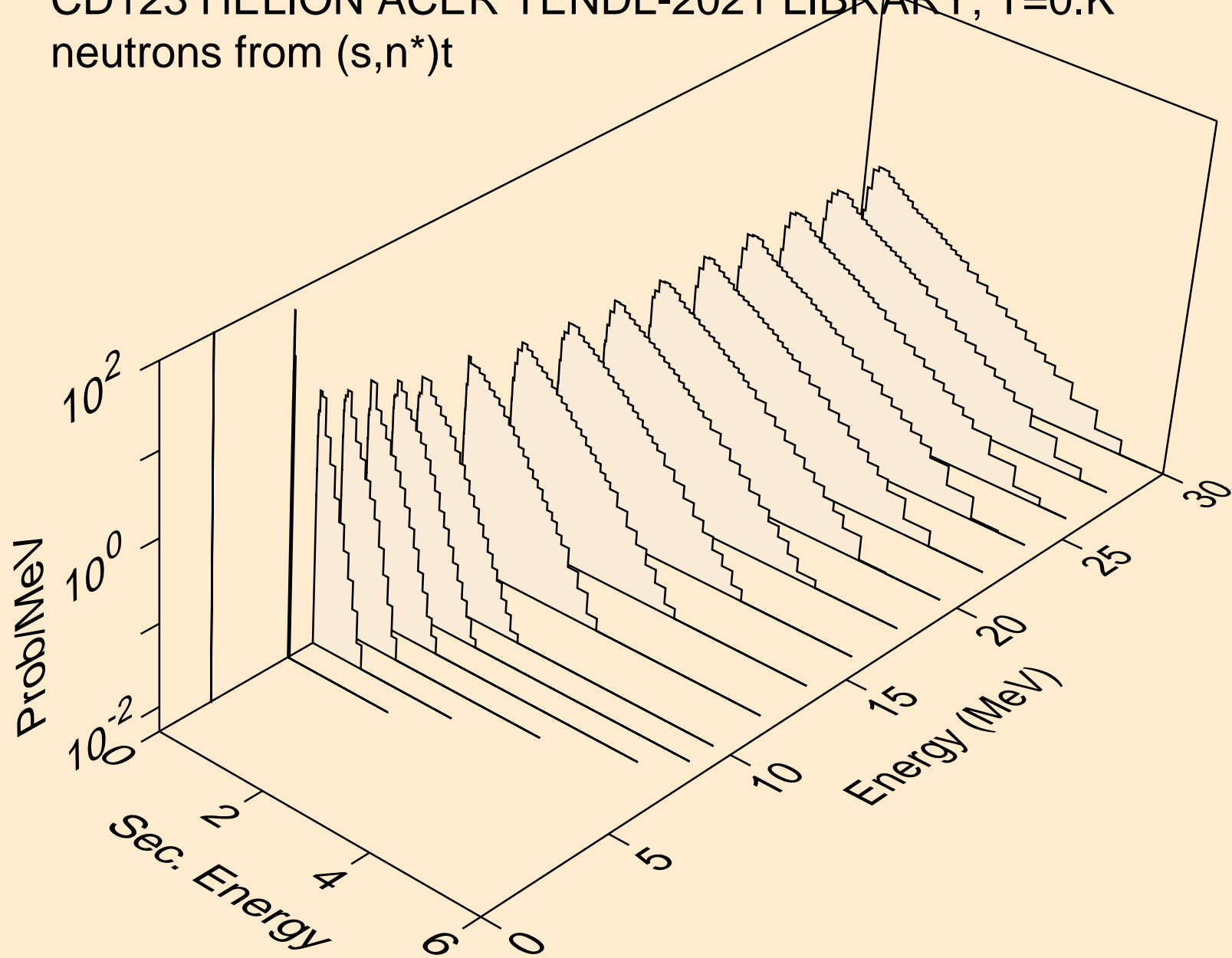




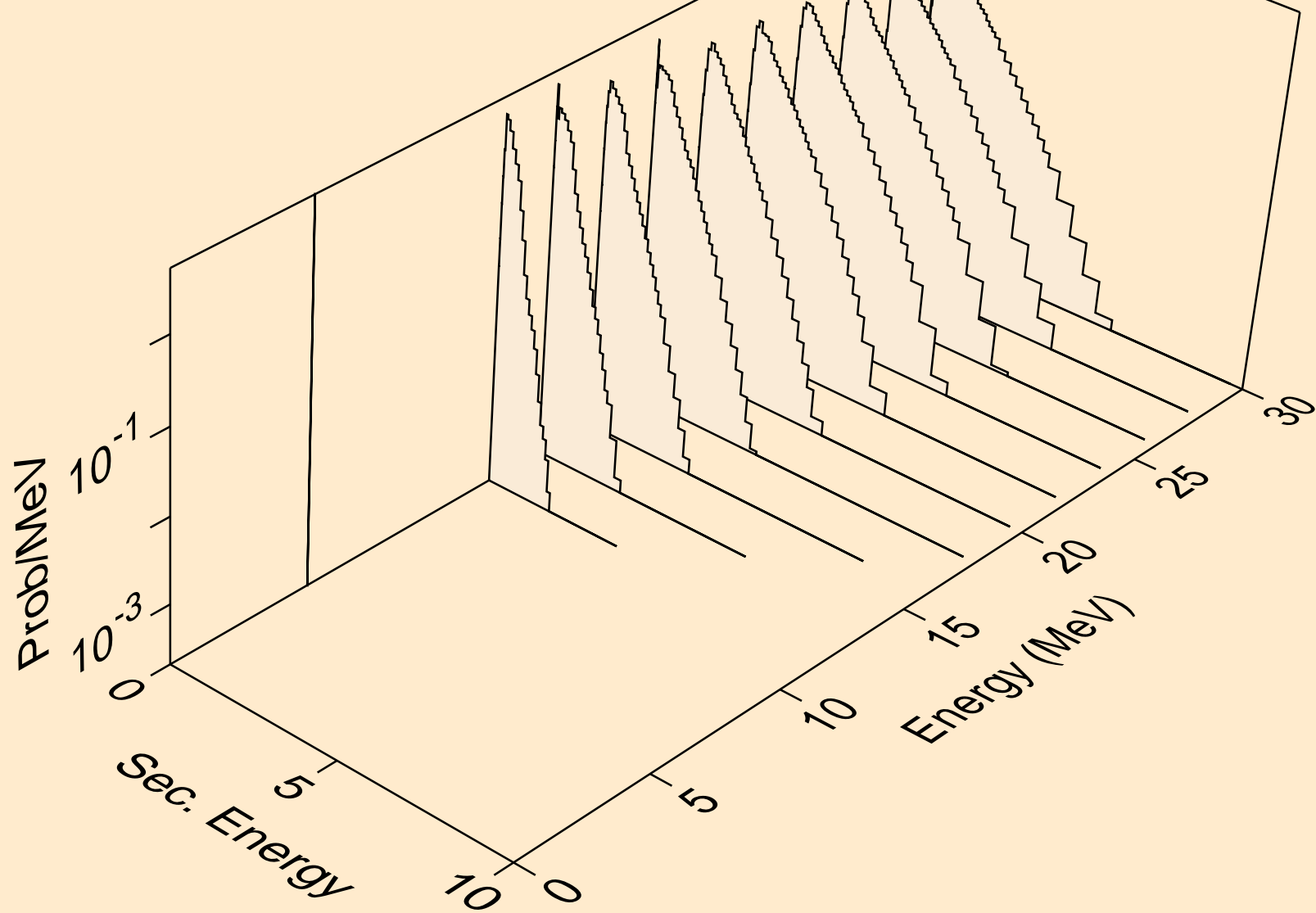
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



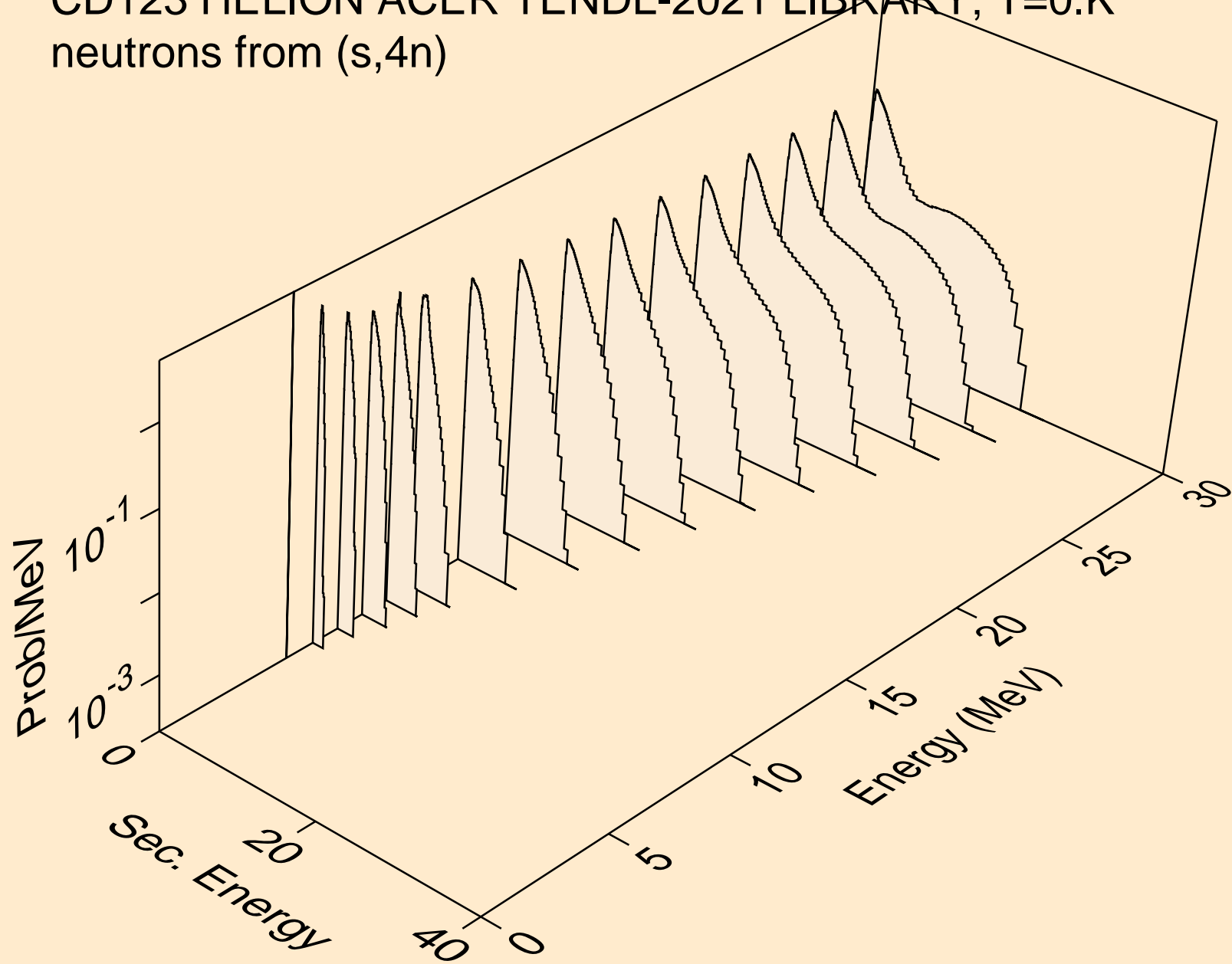
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



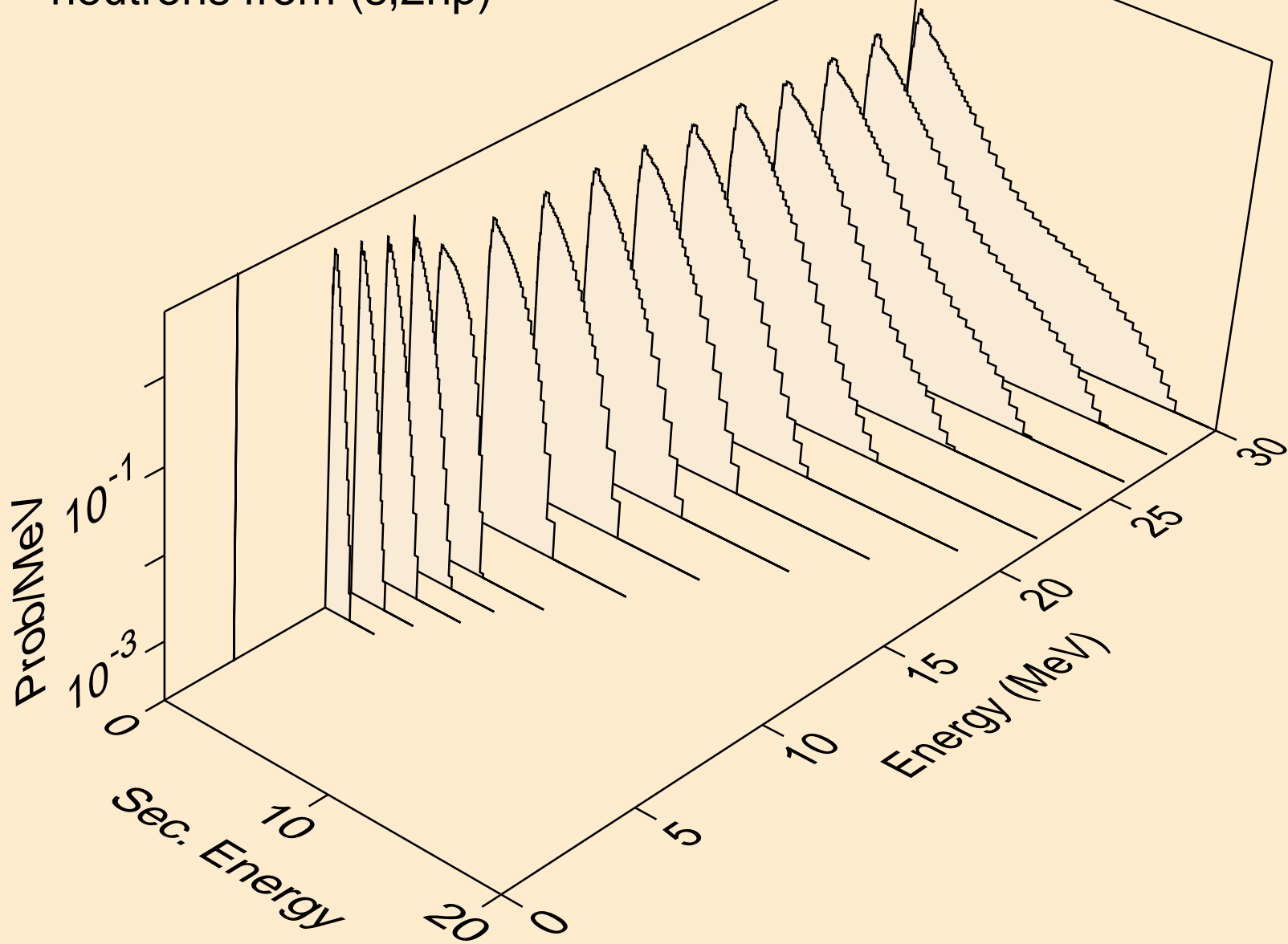
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



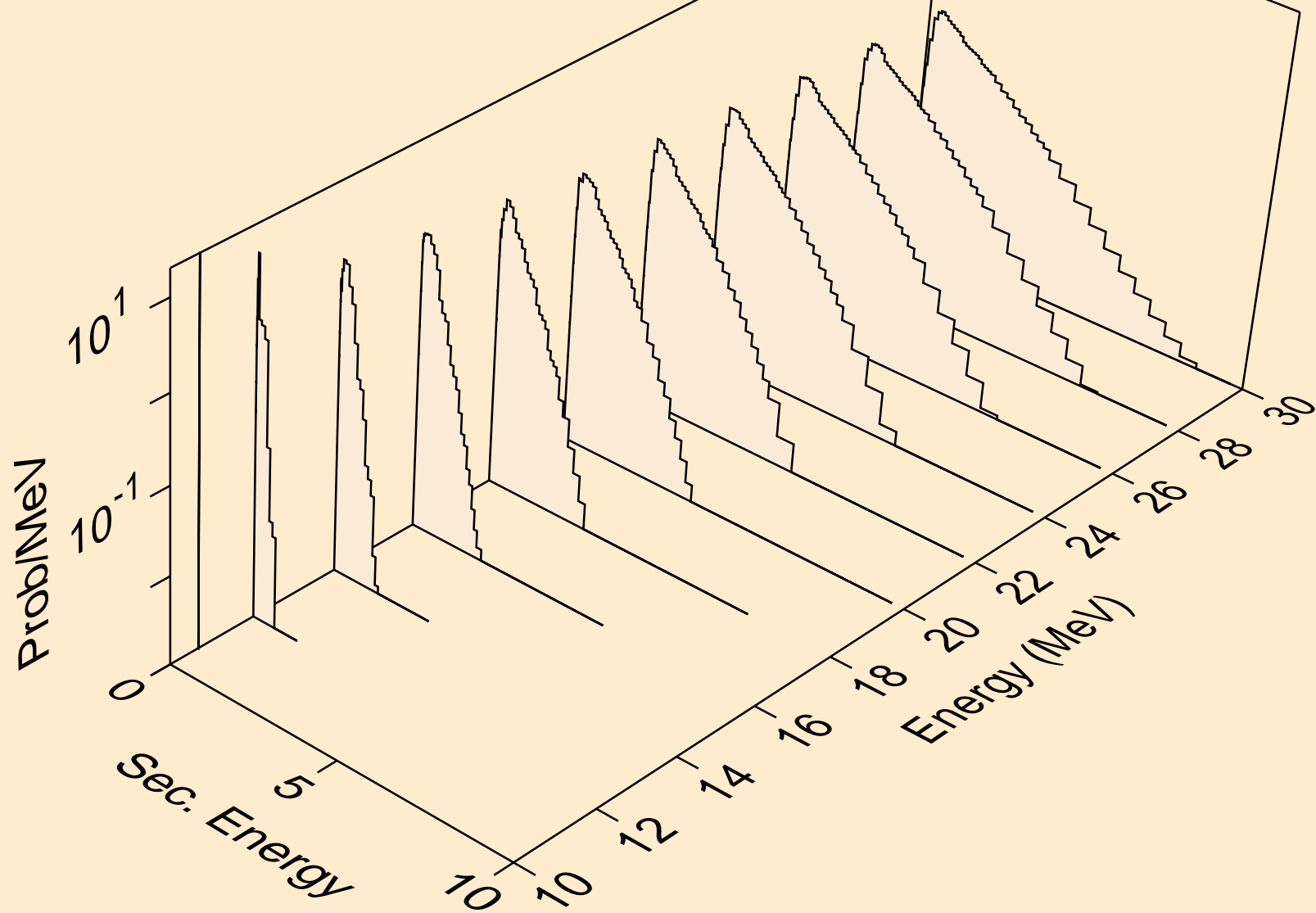
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)



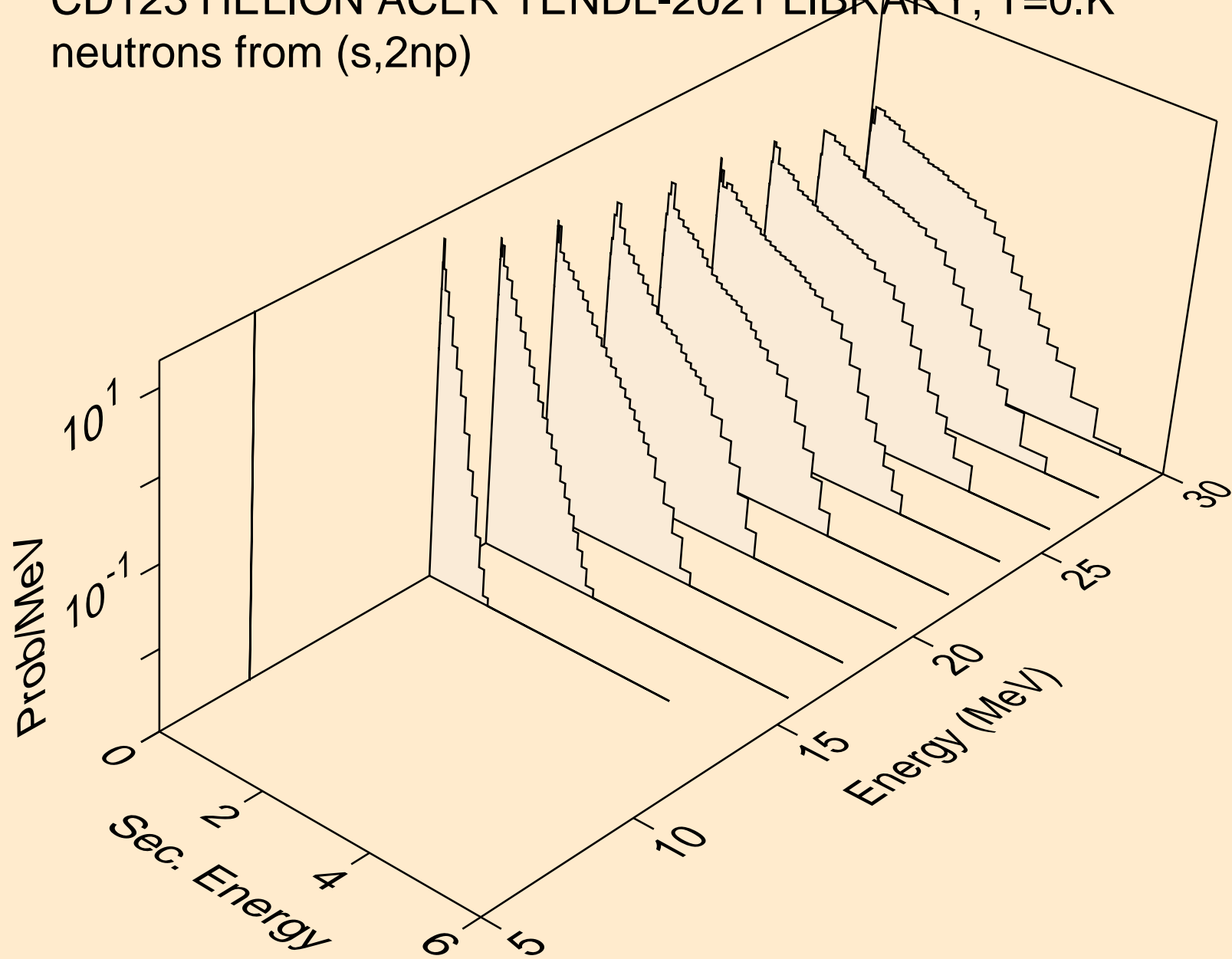
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



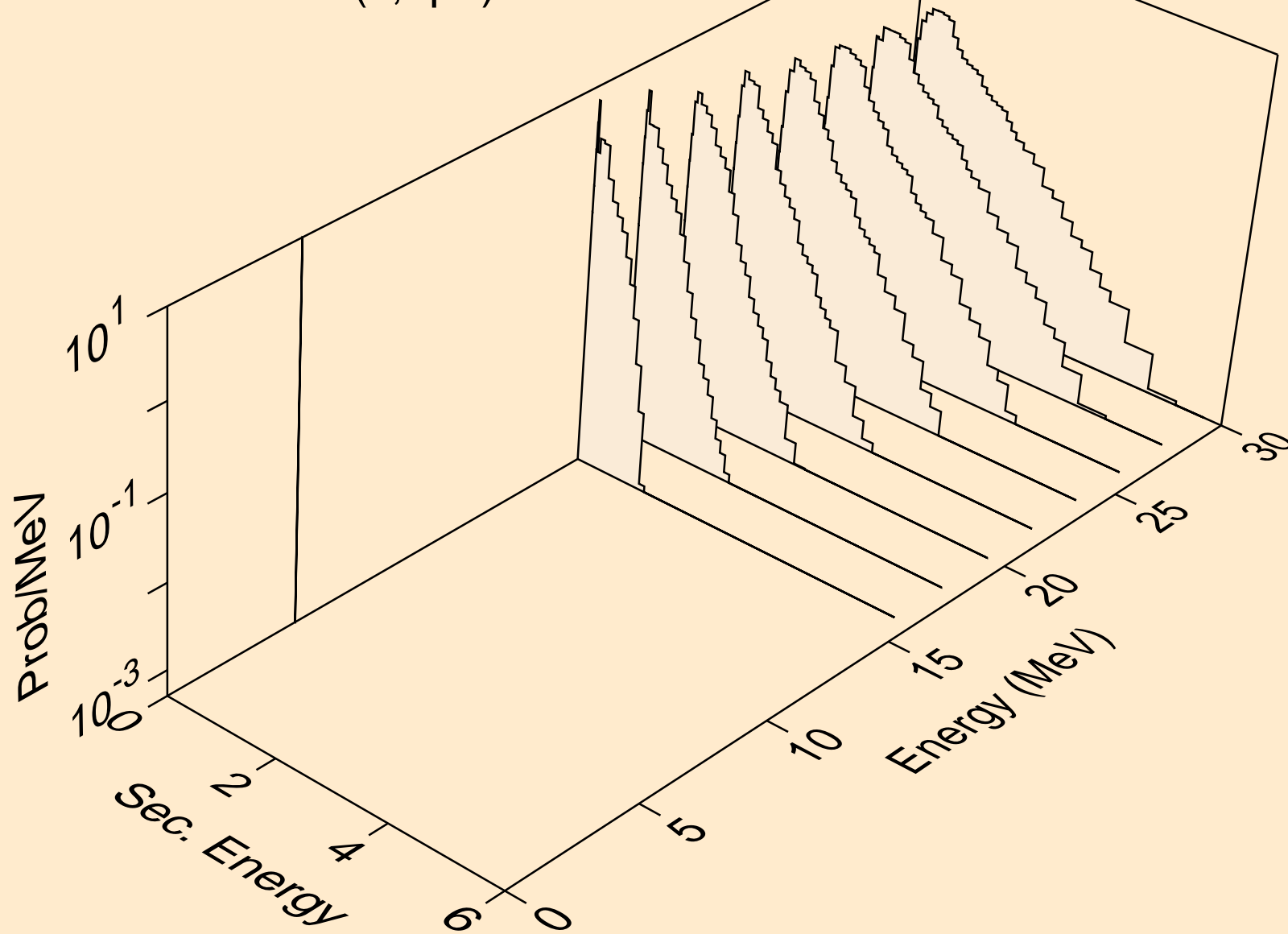
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

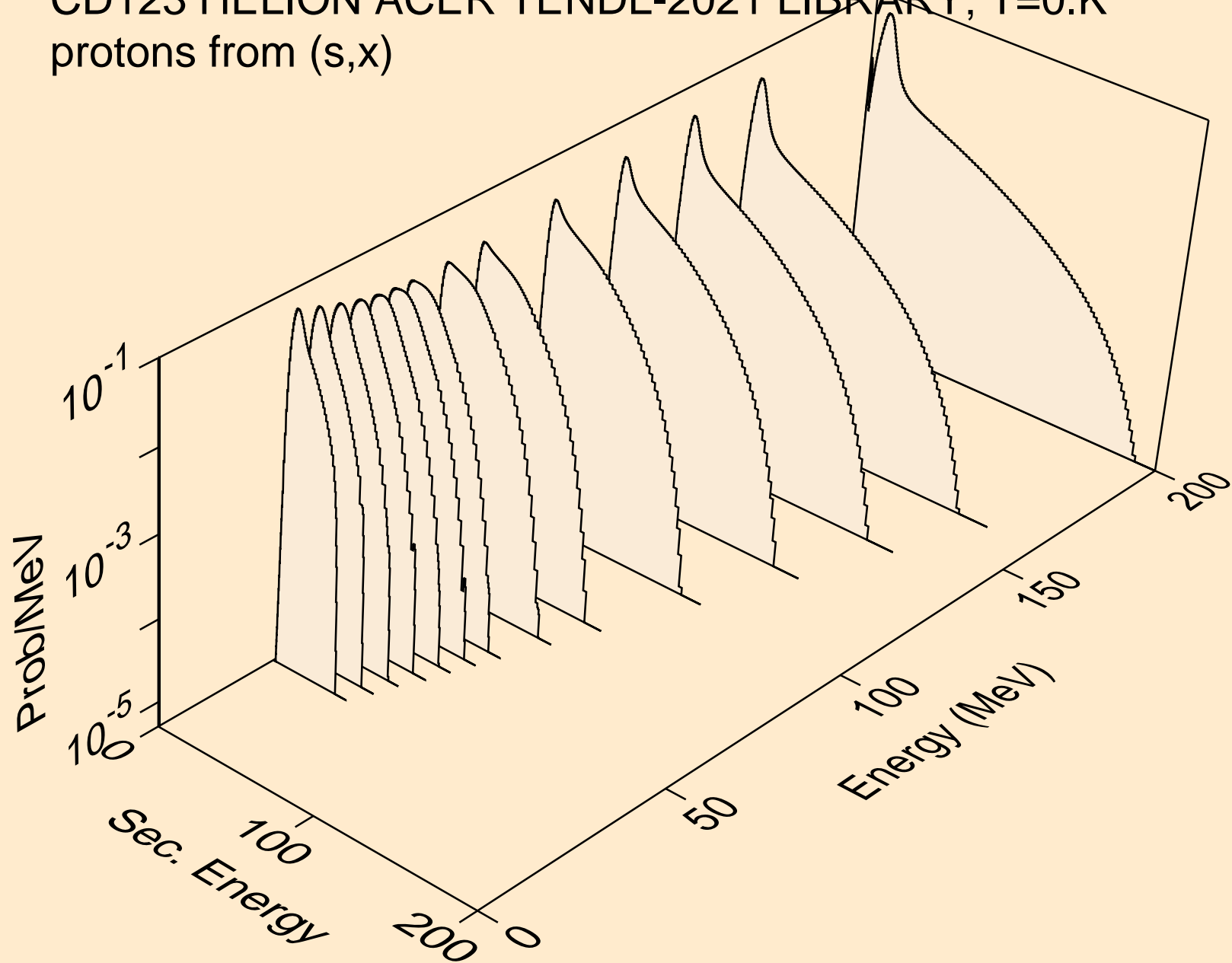


CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)

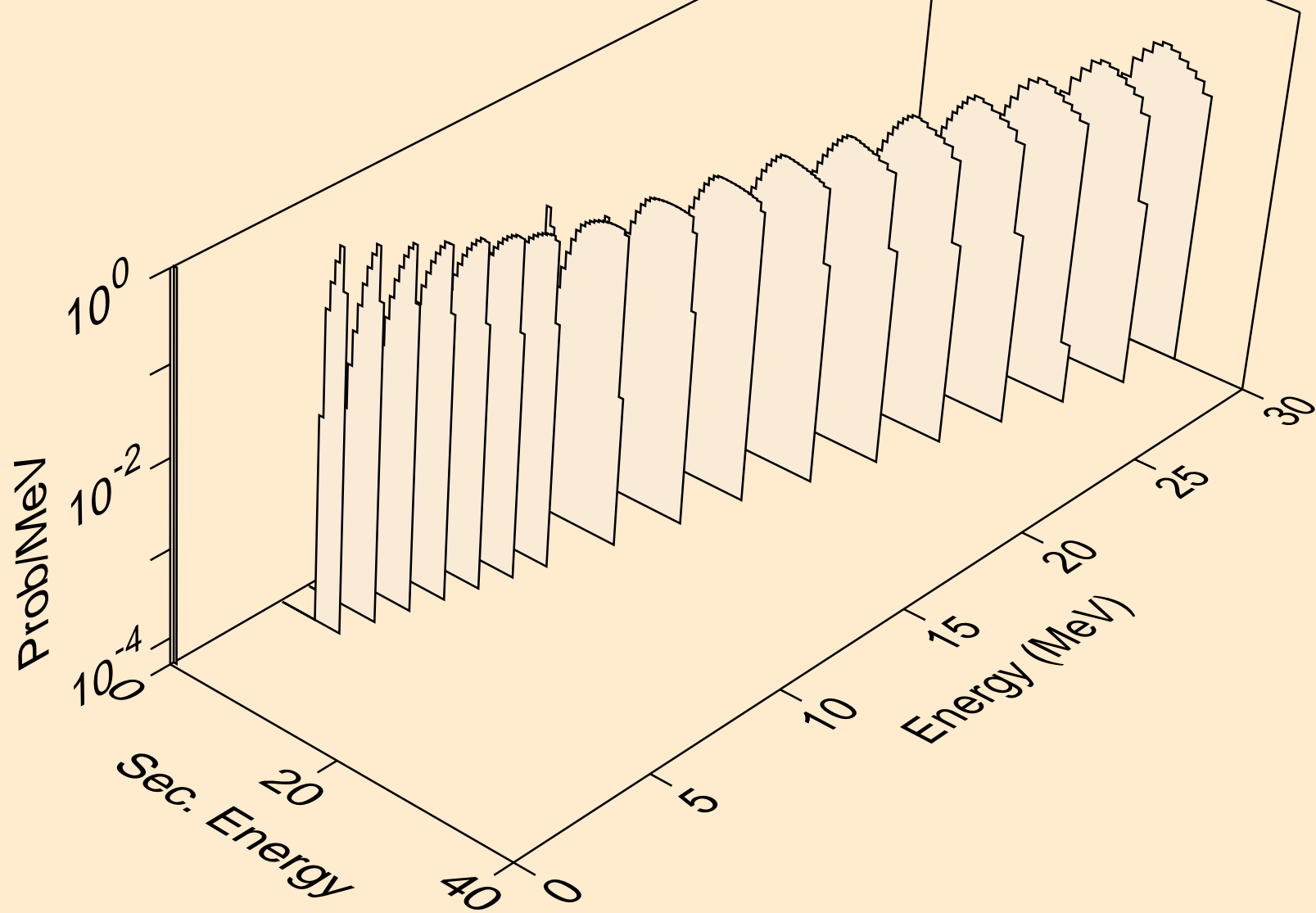




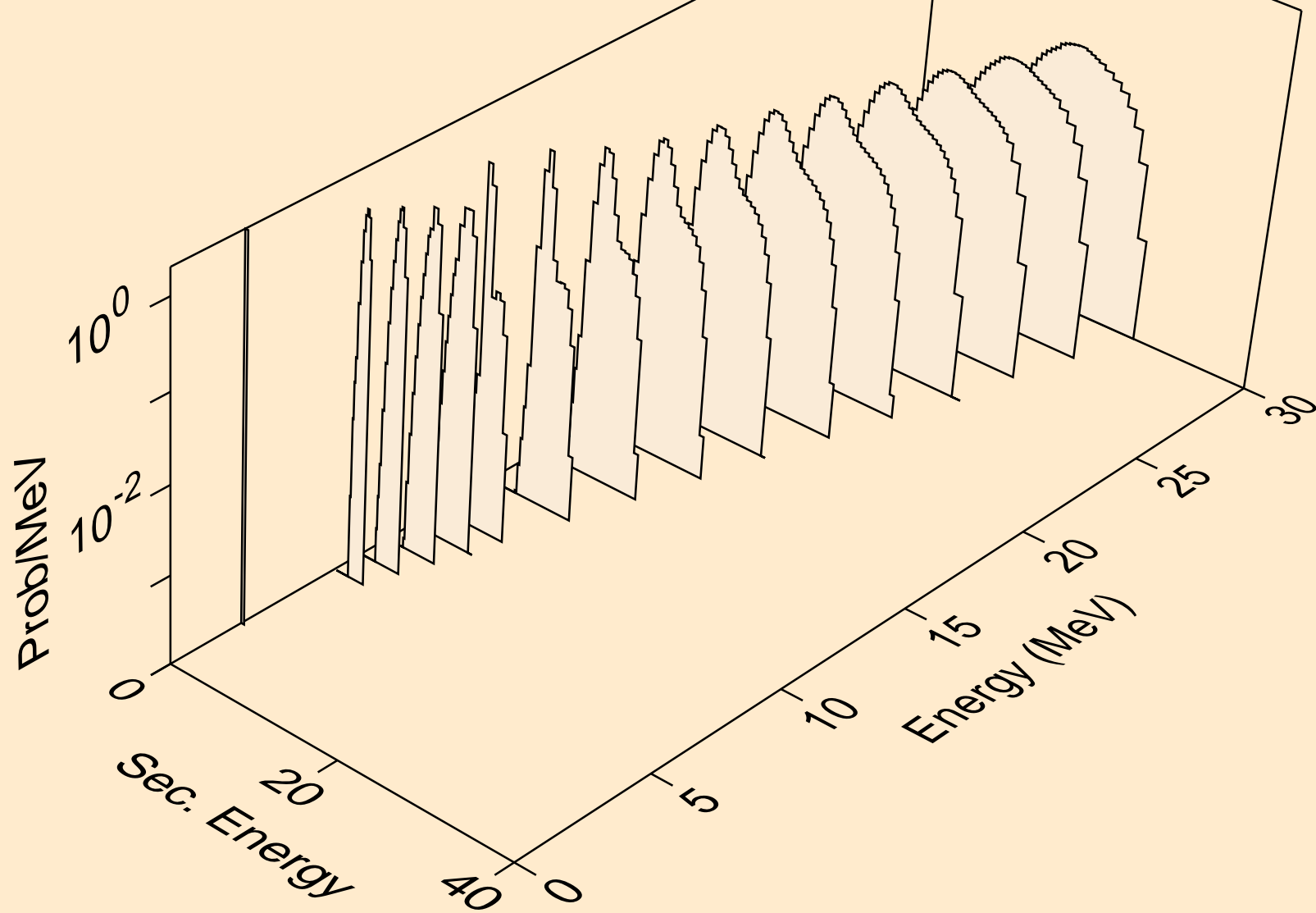
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



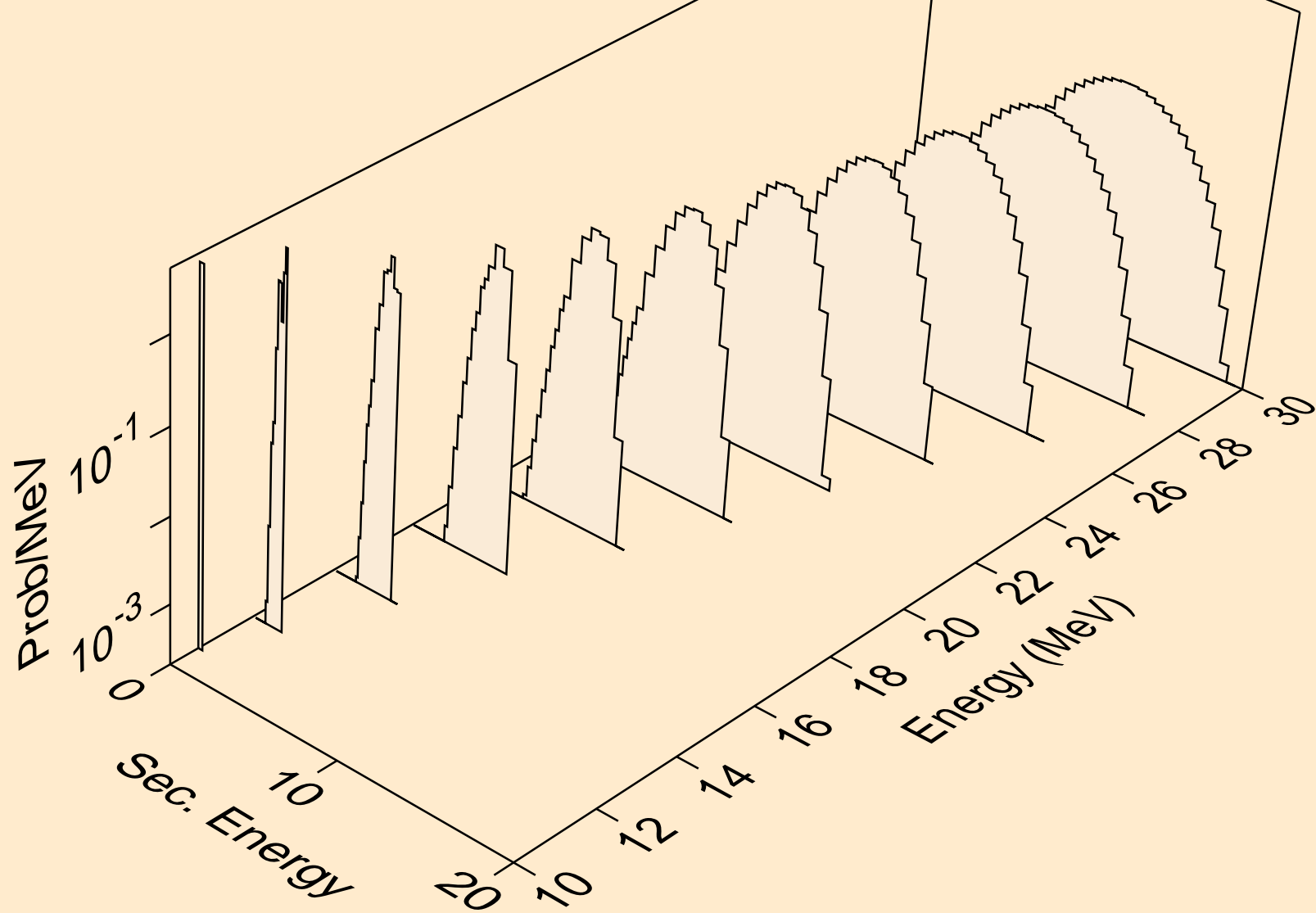
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



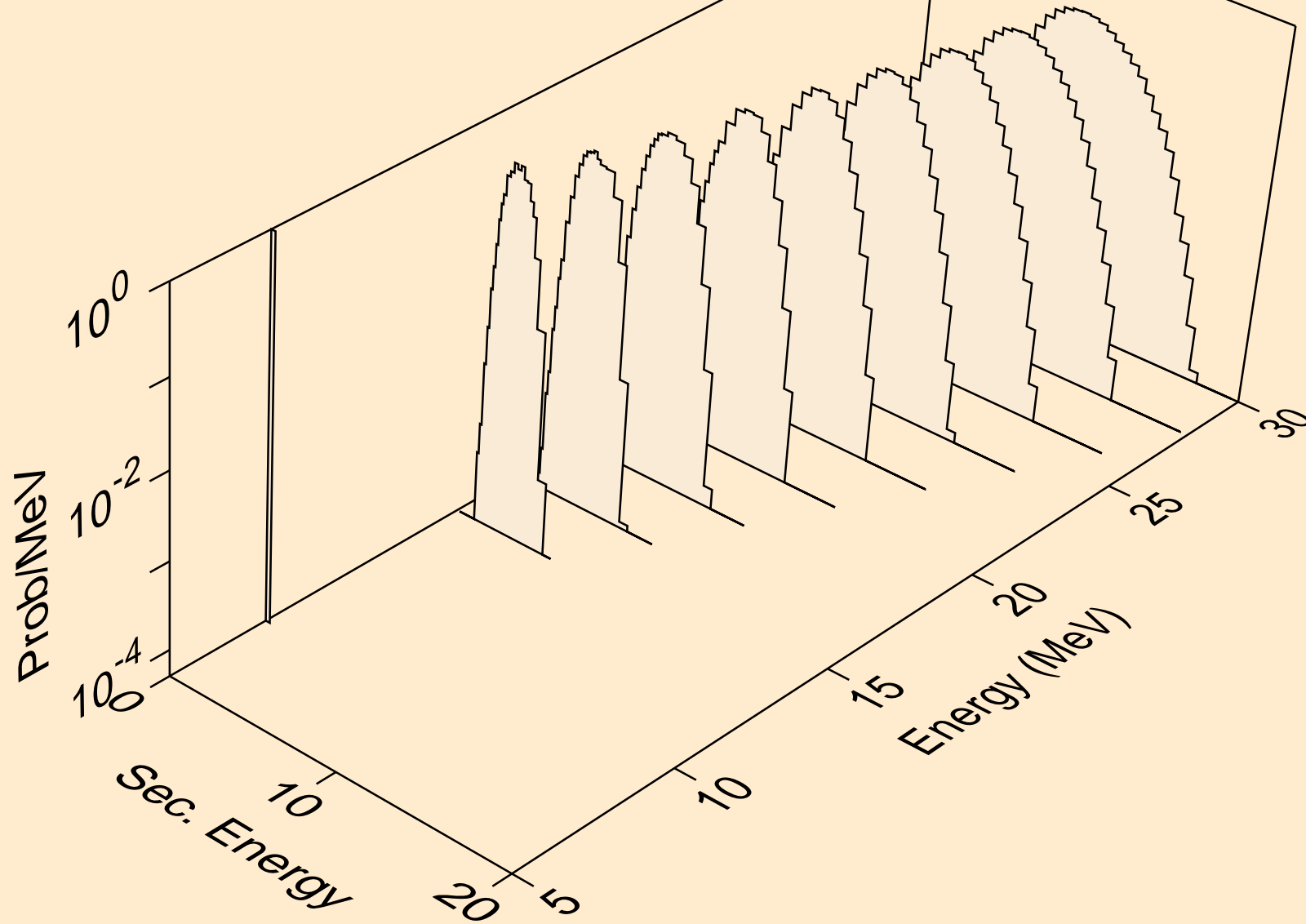
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



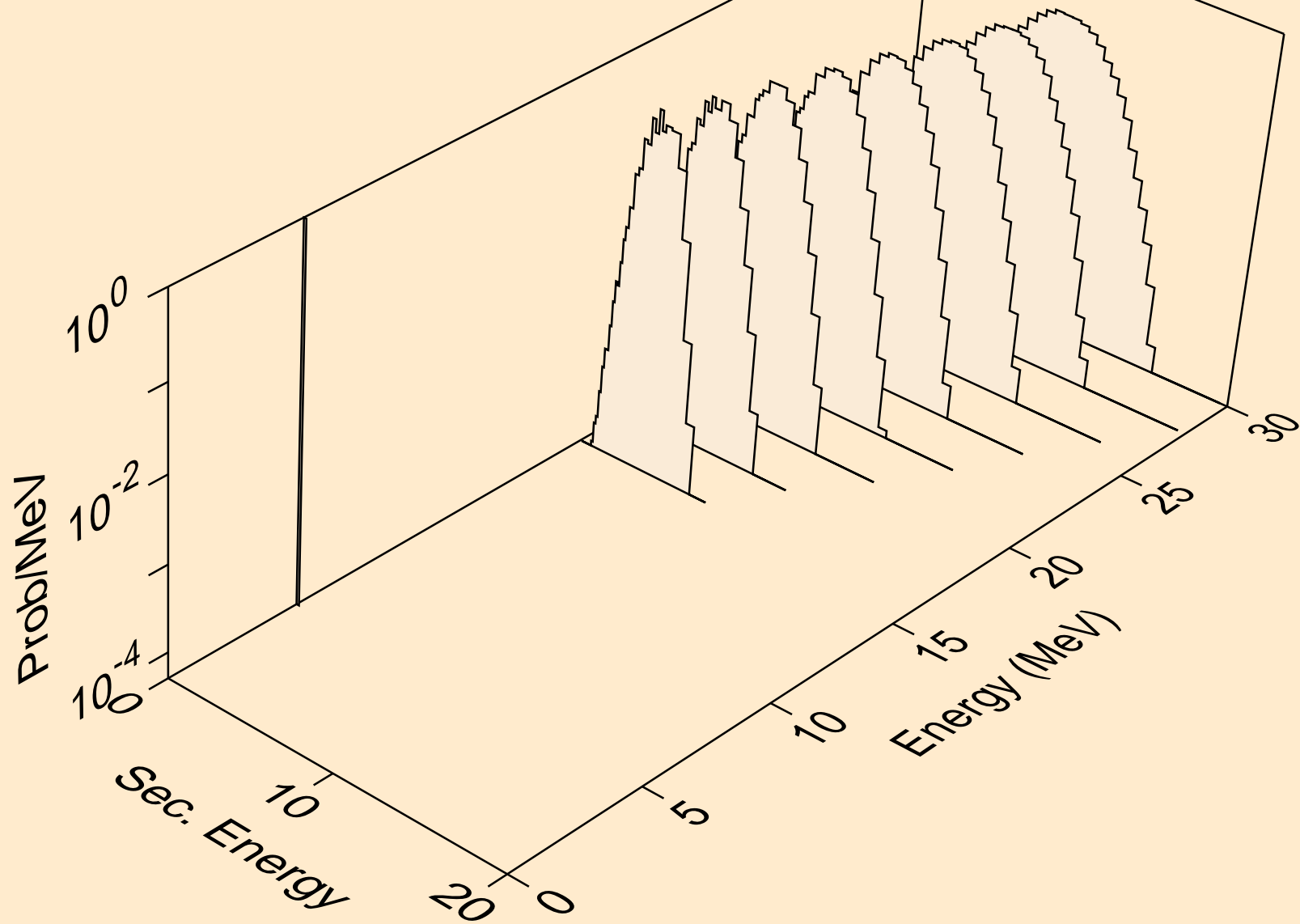
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)



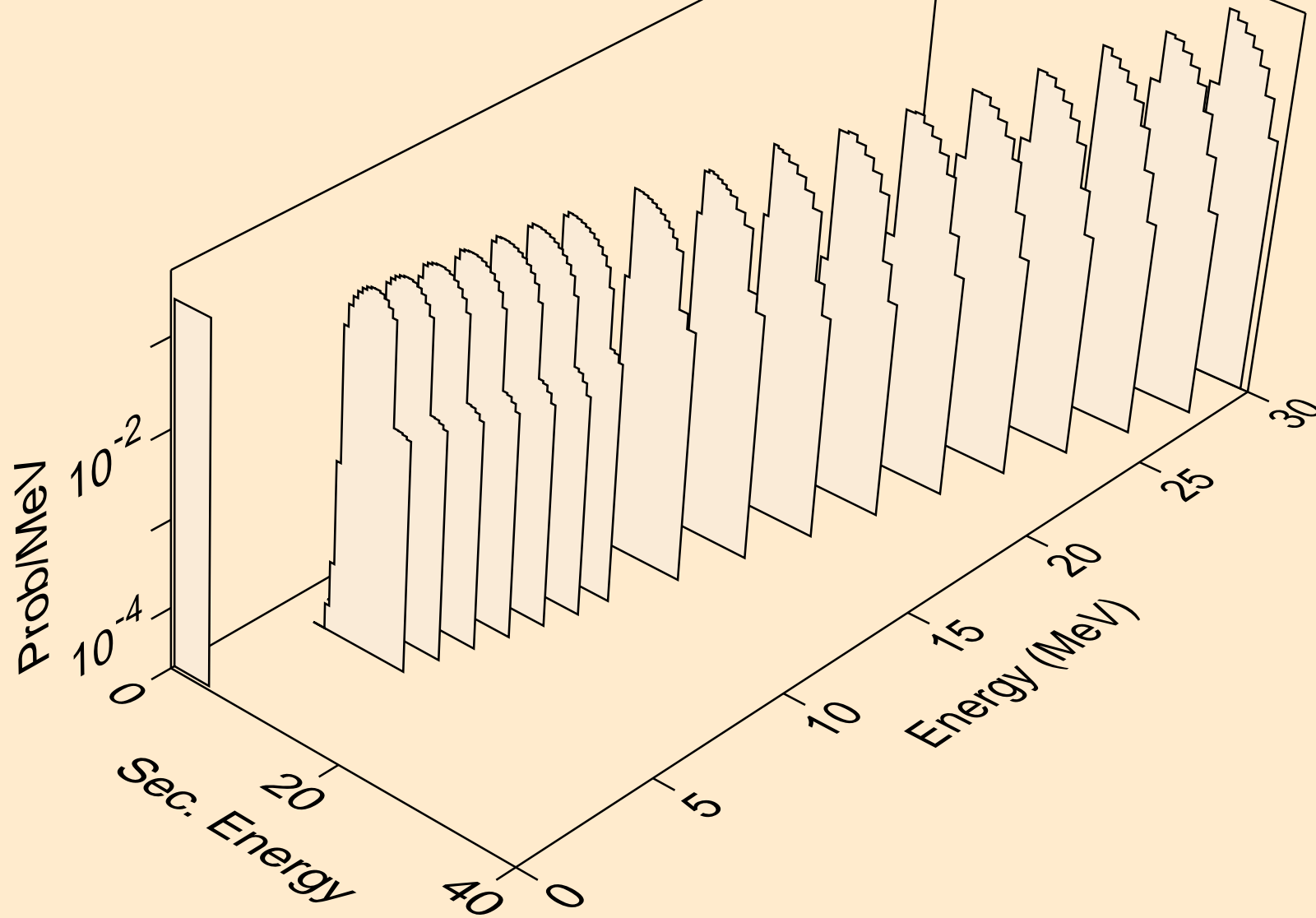
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



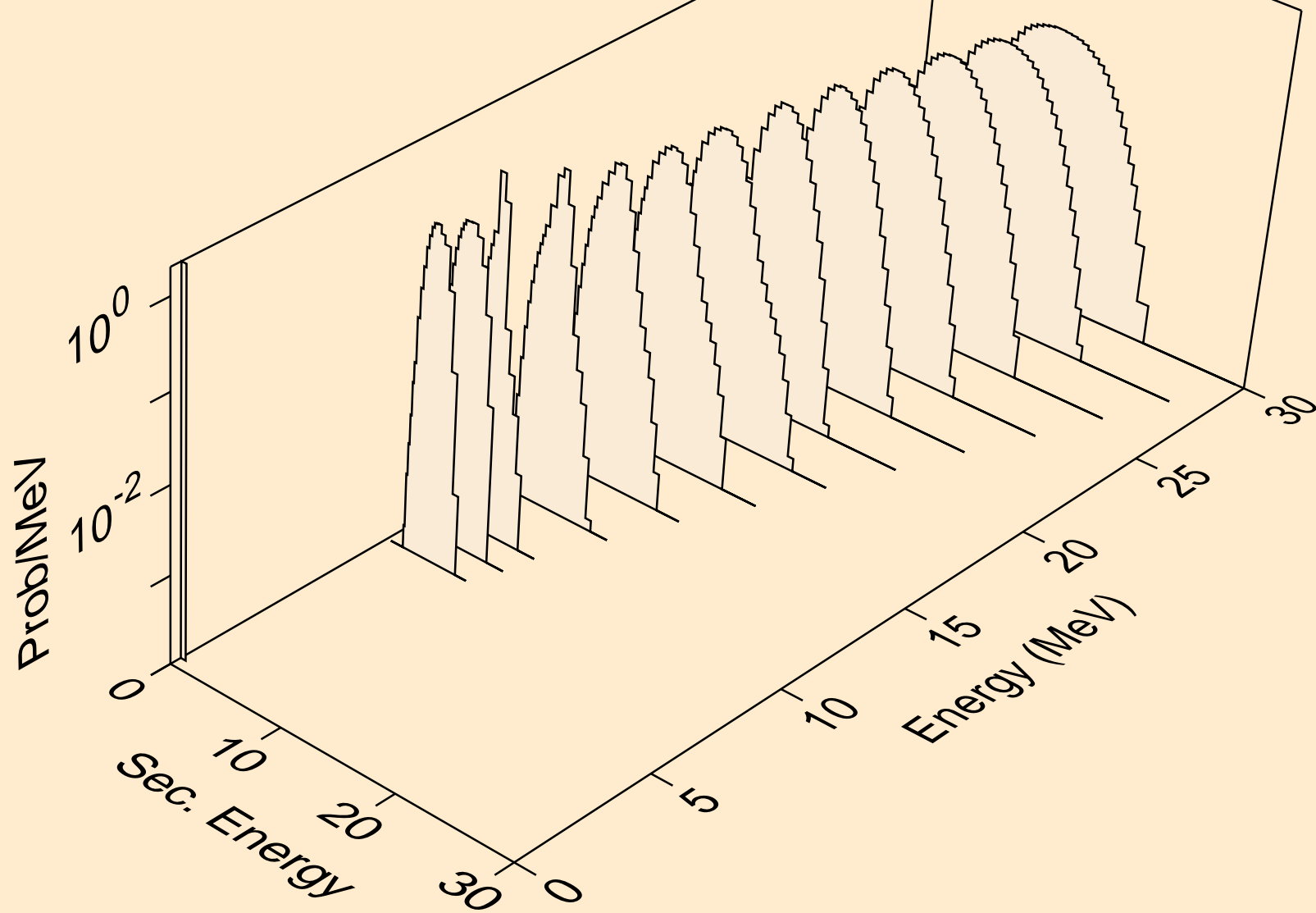
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)

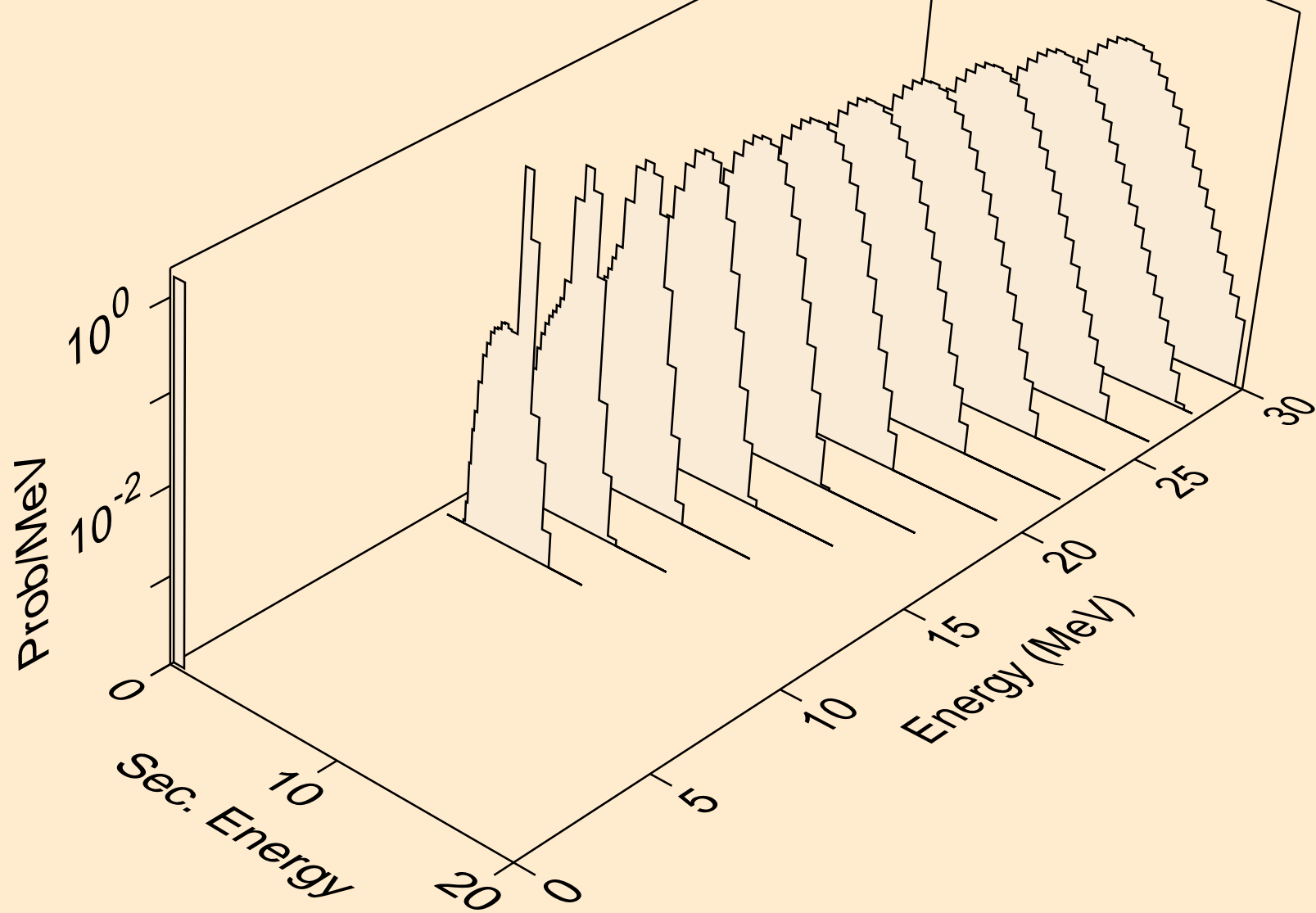


CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)

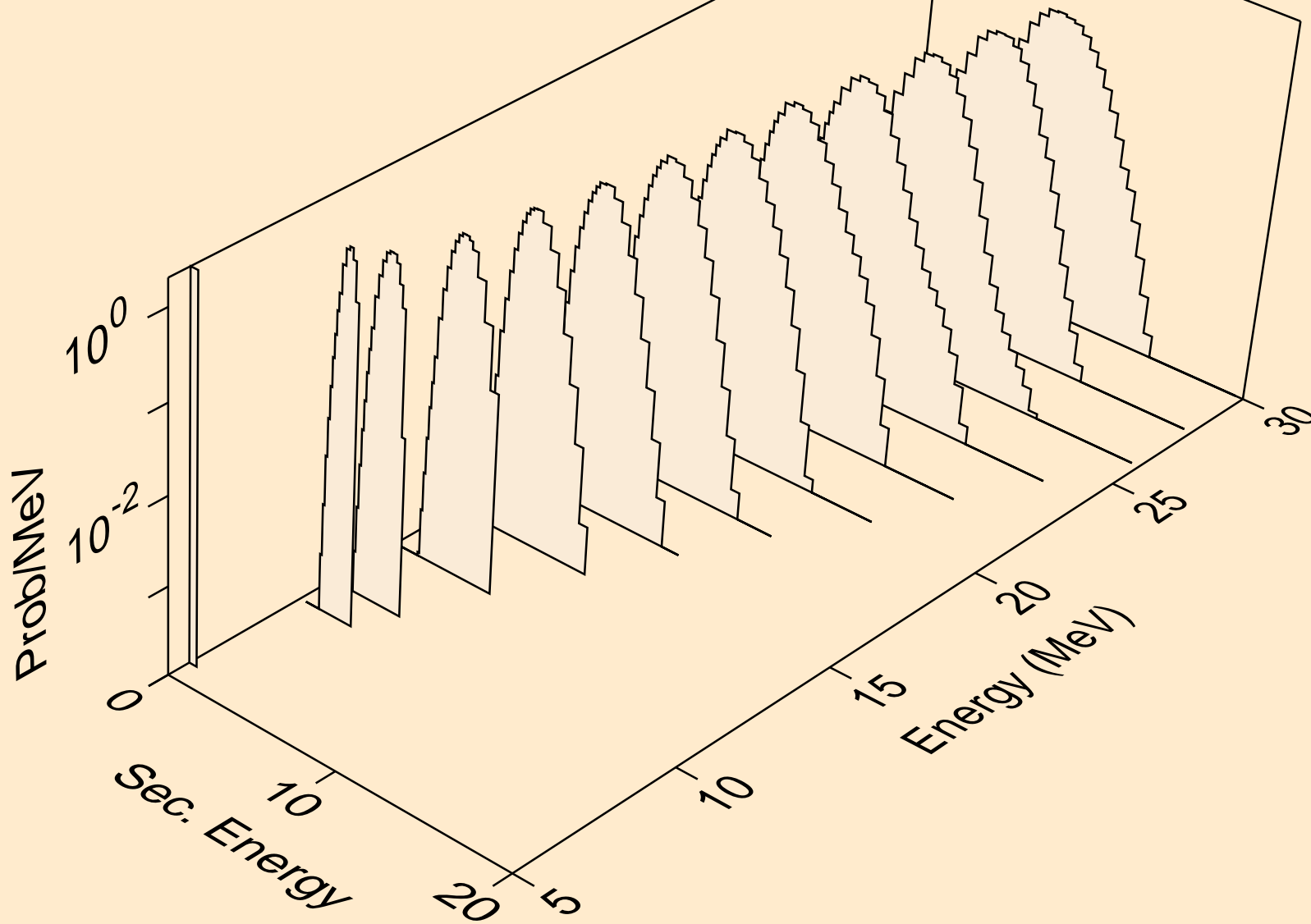




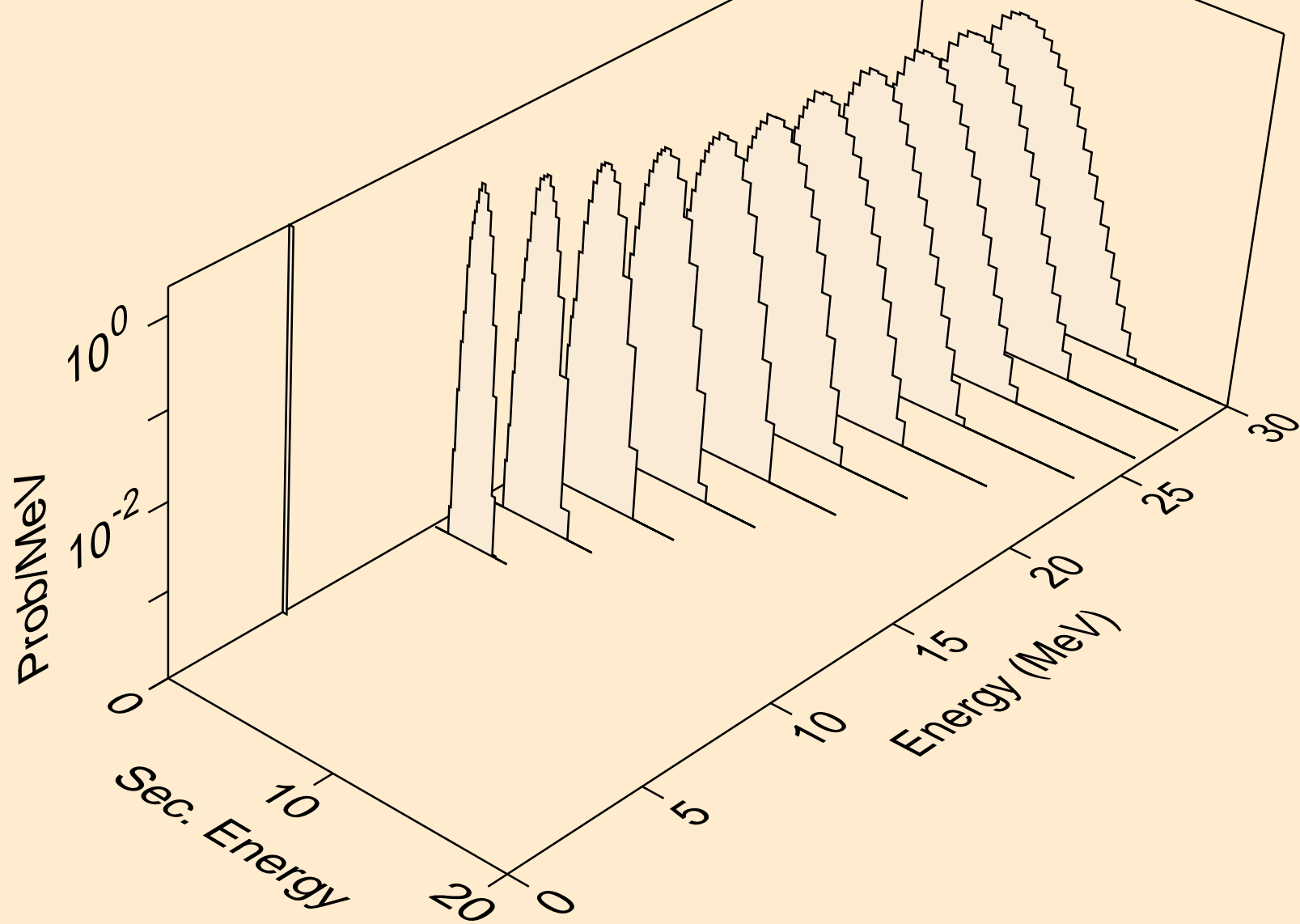
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



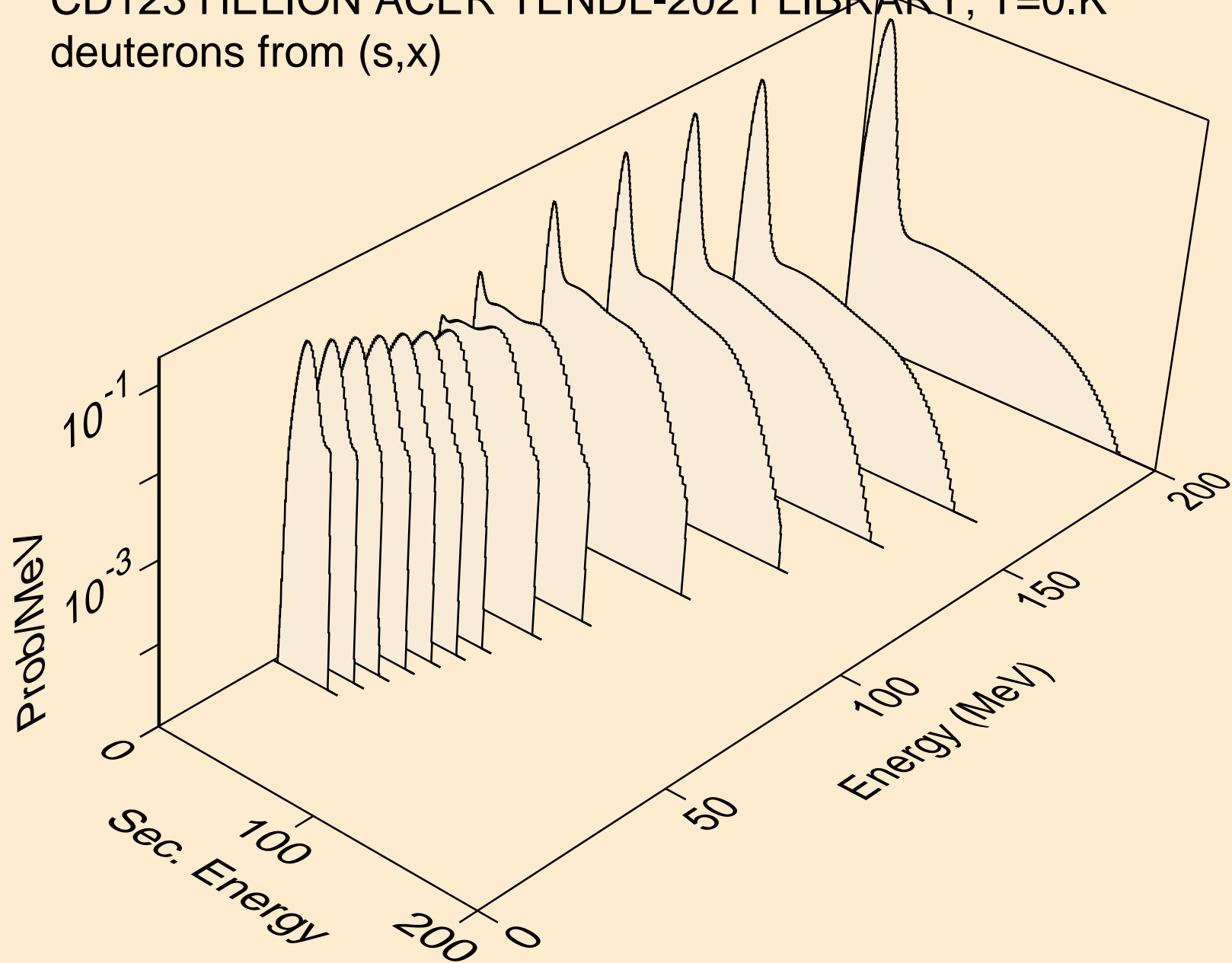
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



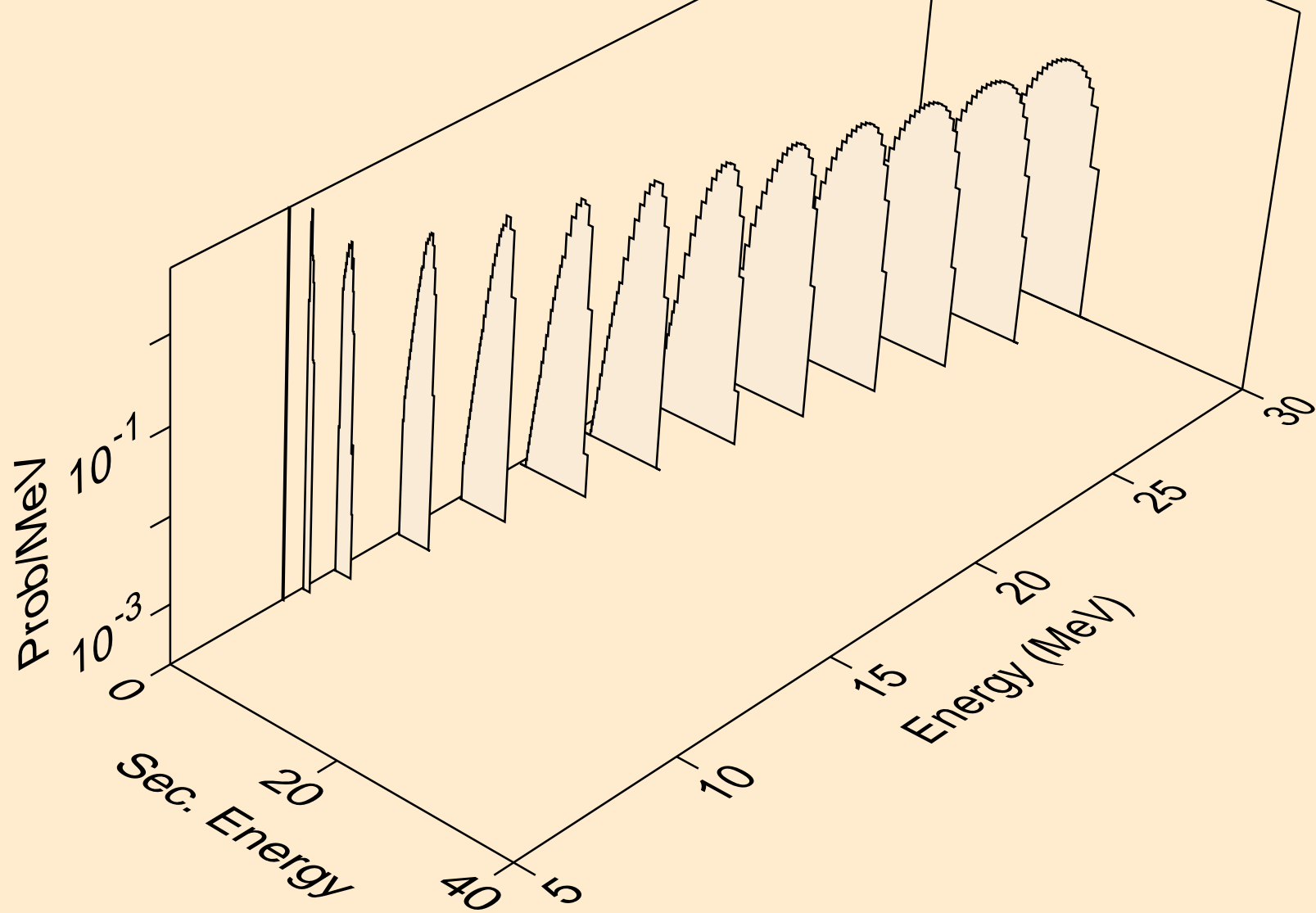
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



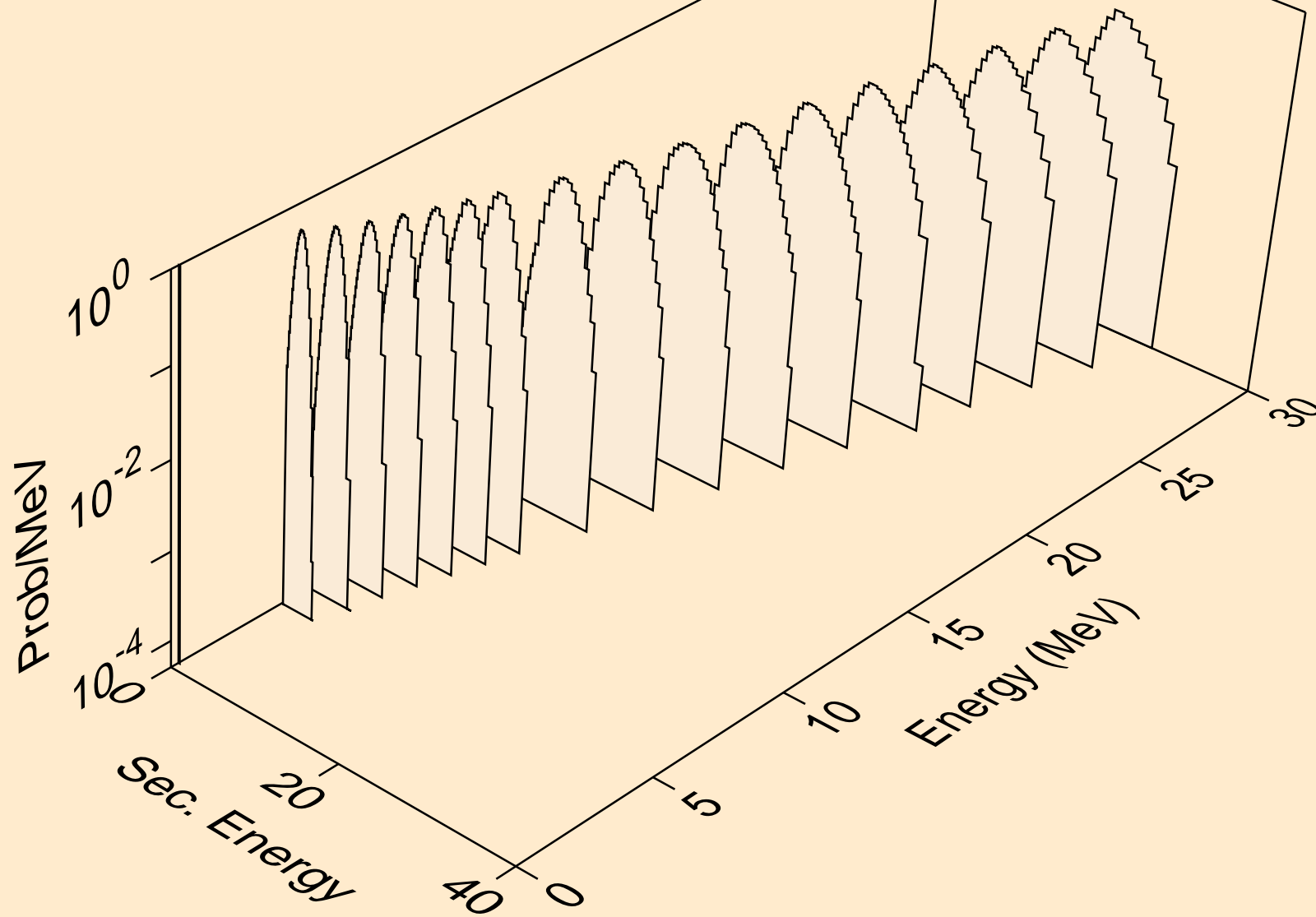
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



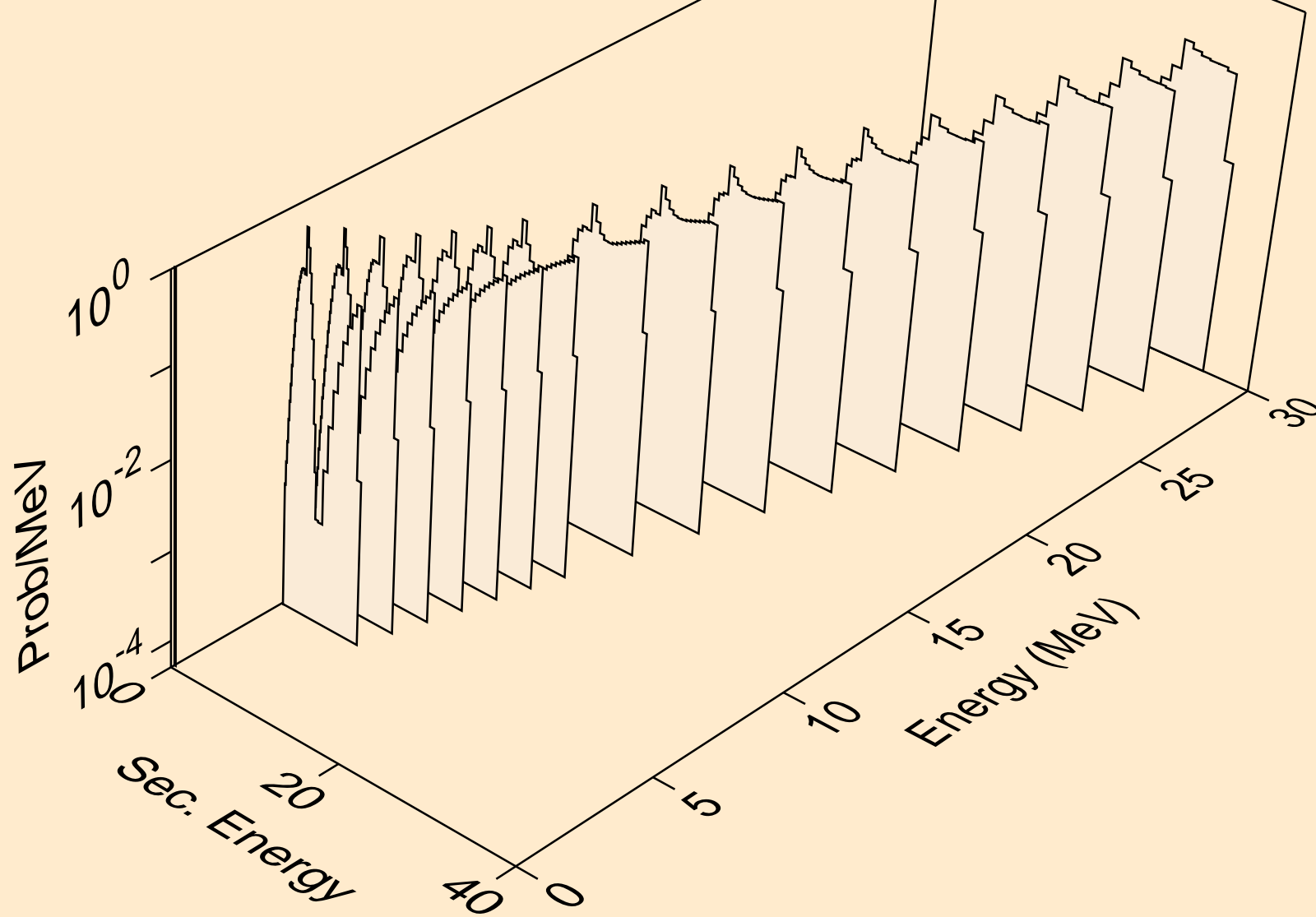
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)



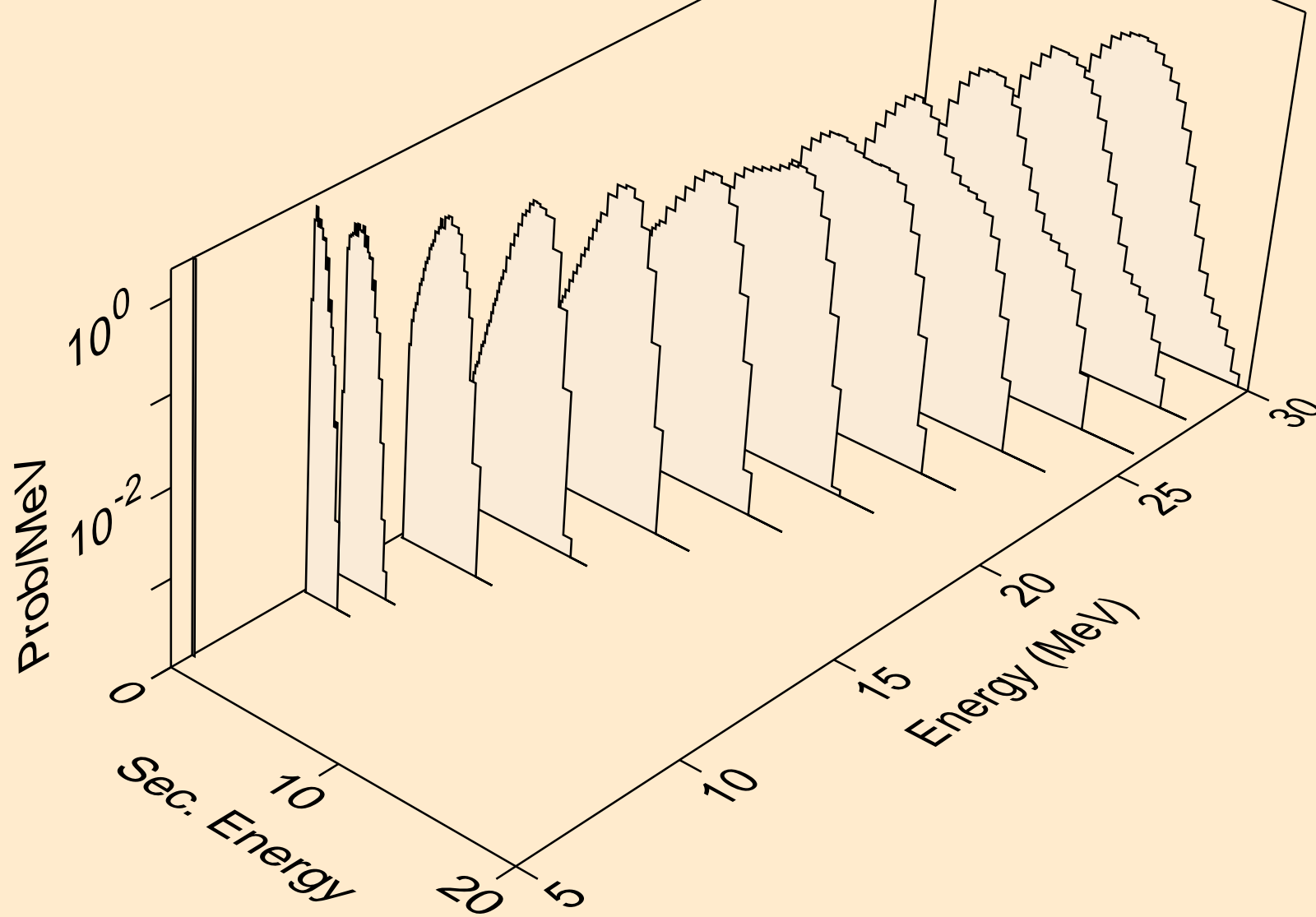
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)

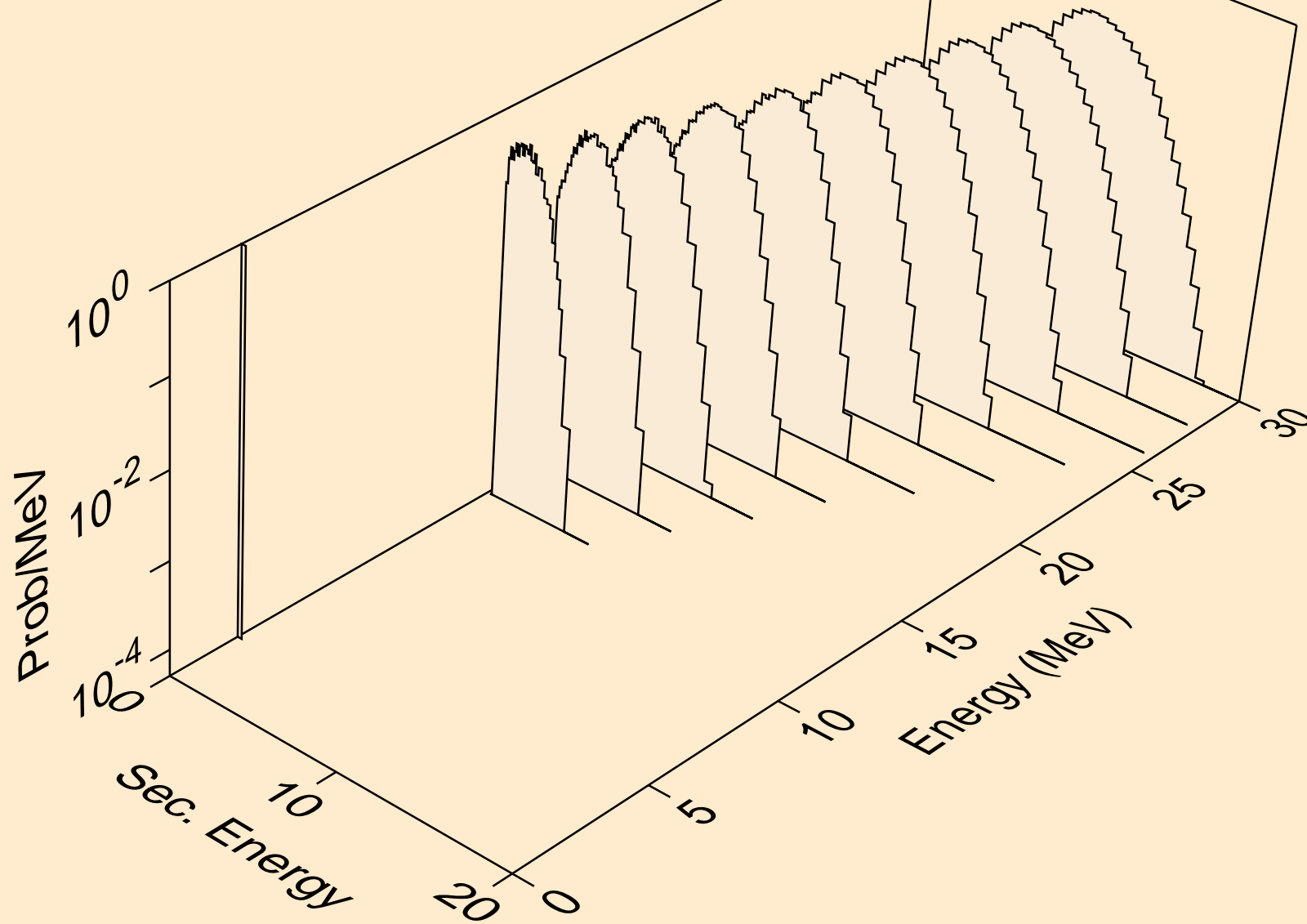


CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)

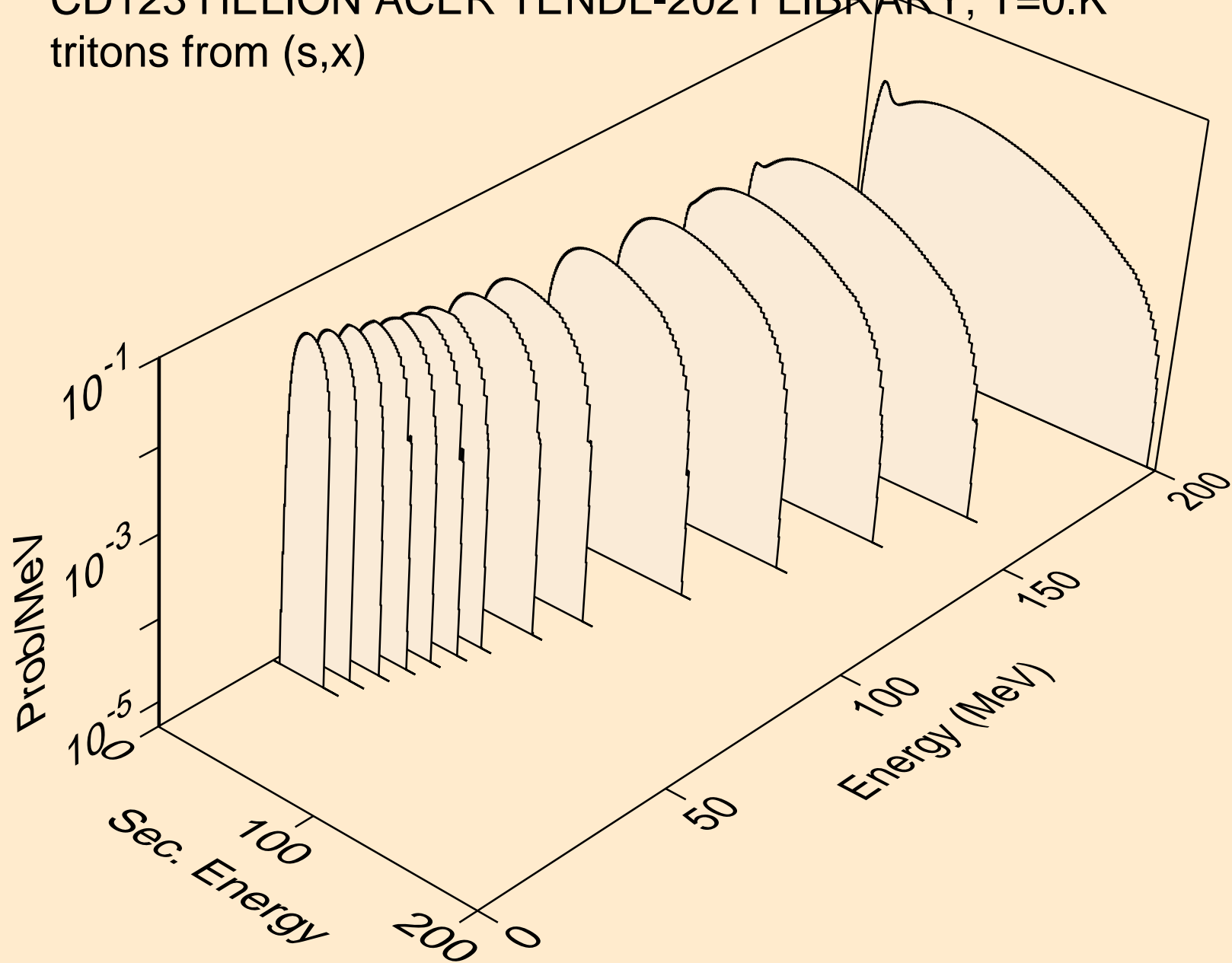




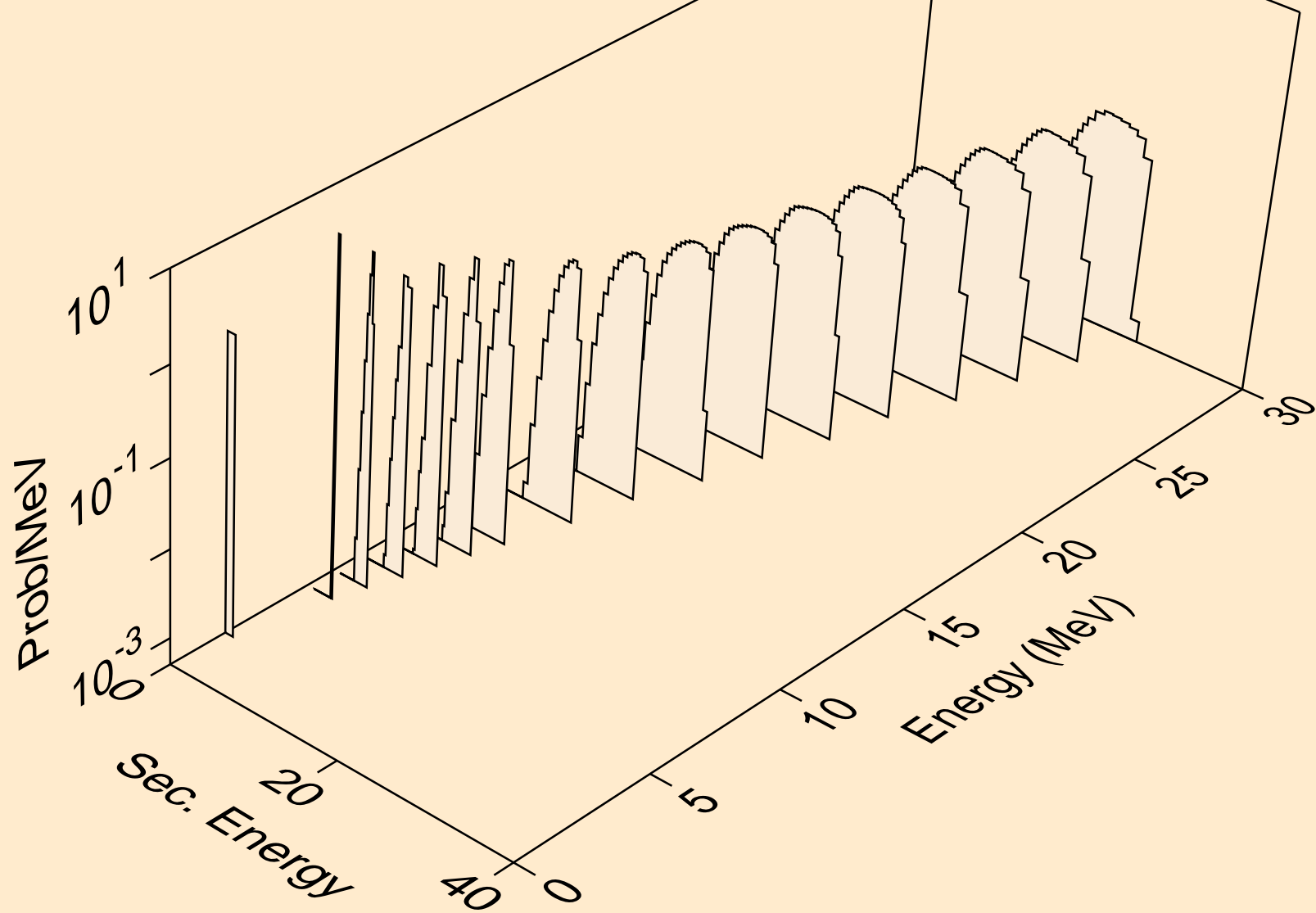
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



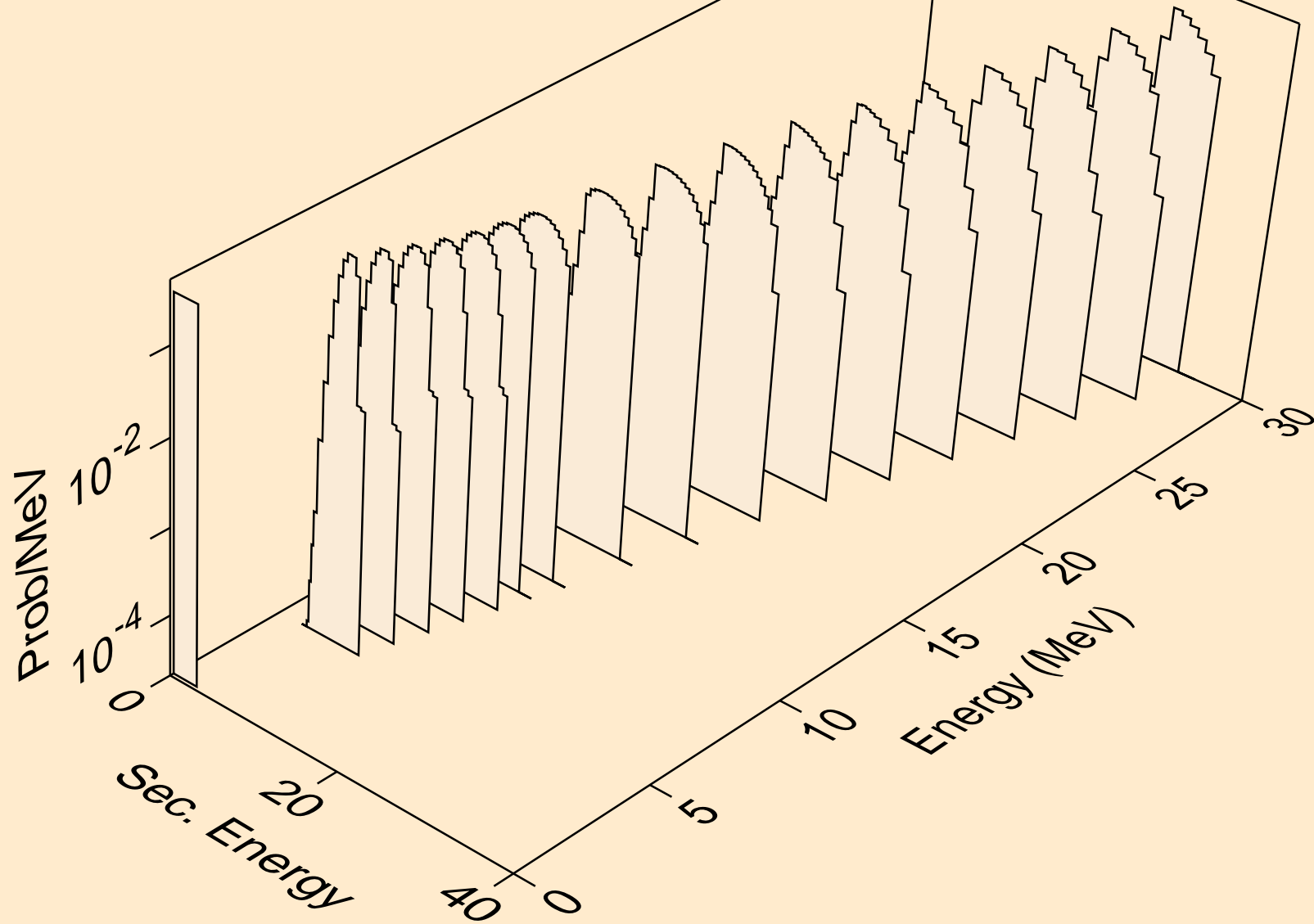
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



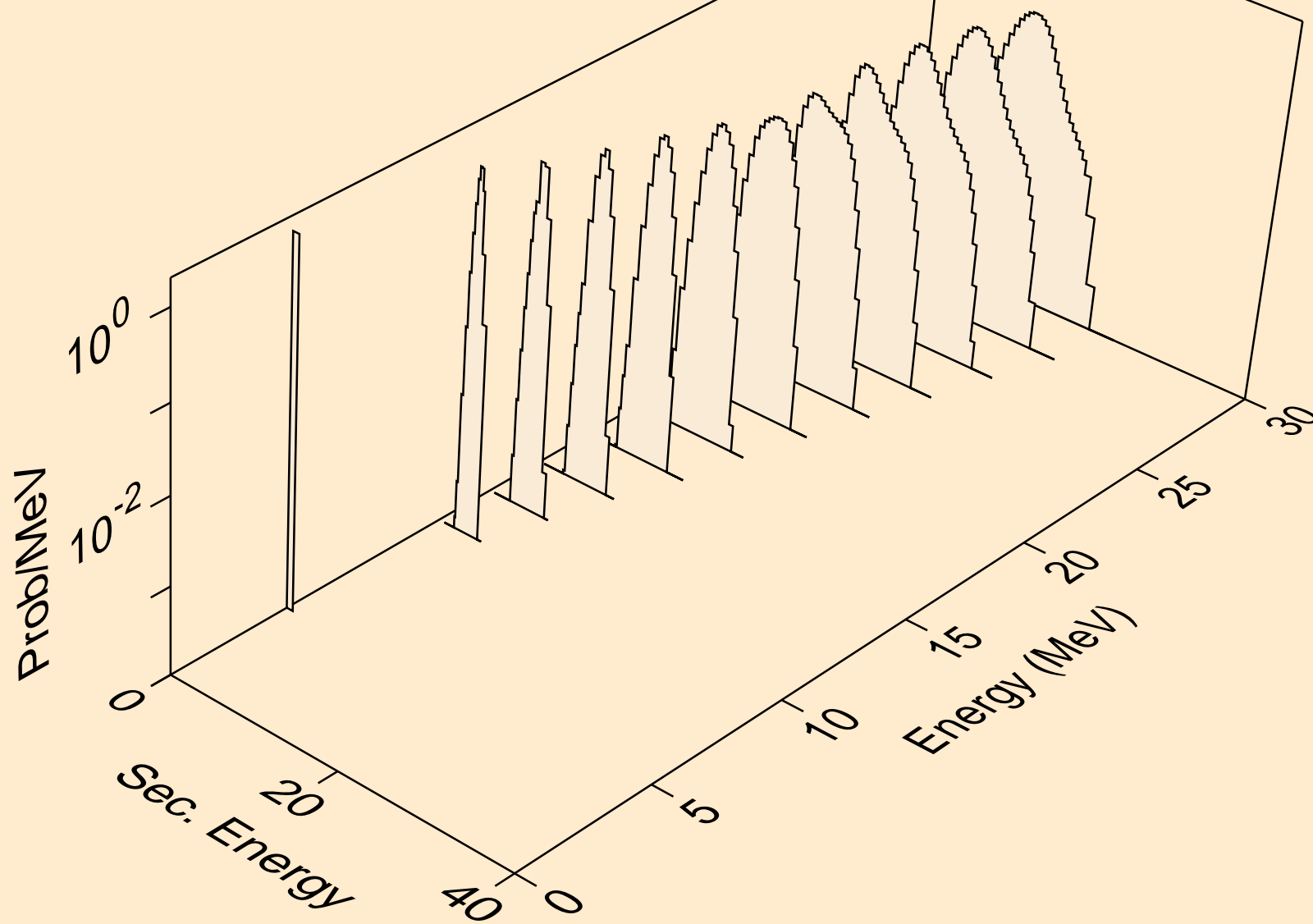
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



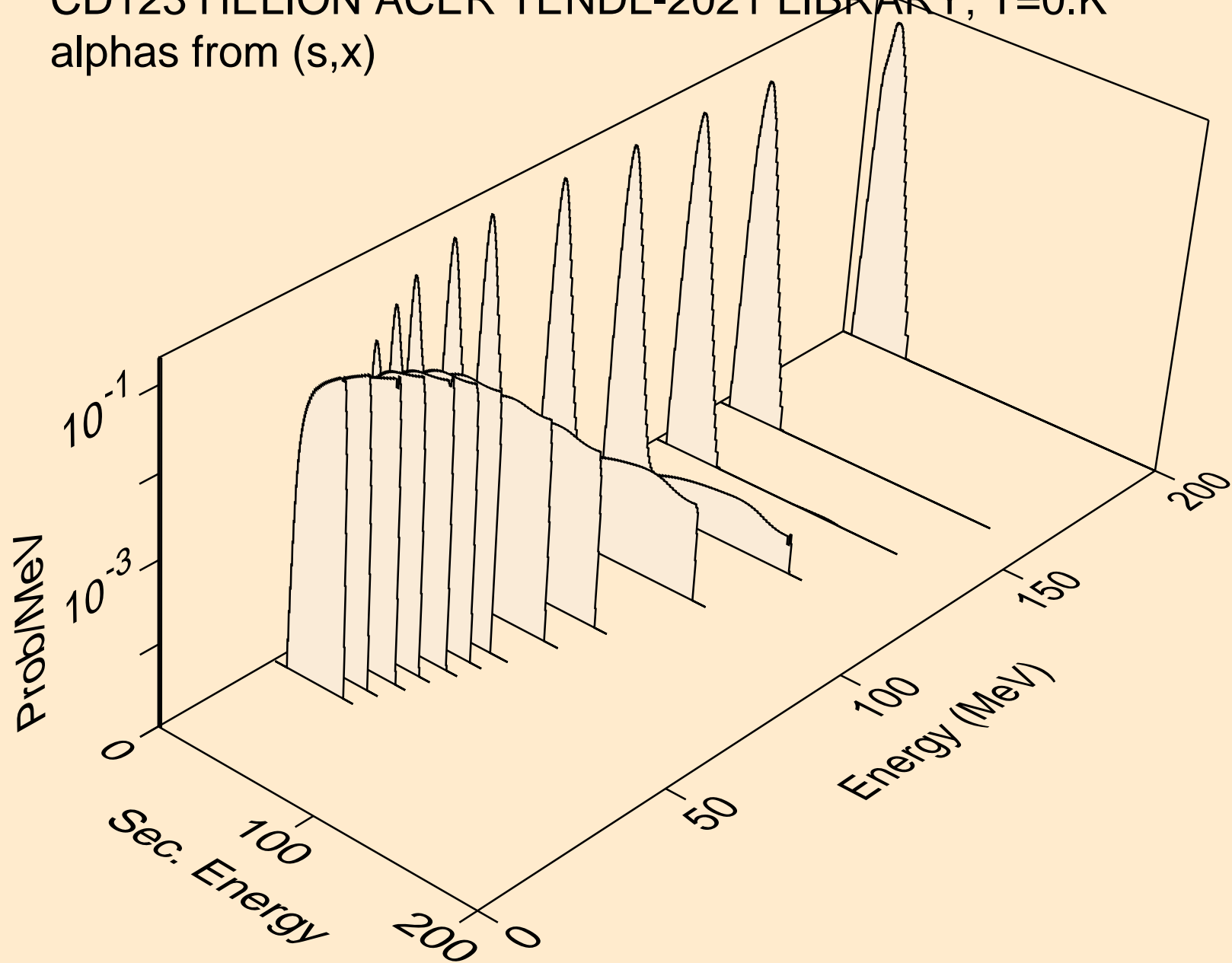
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)



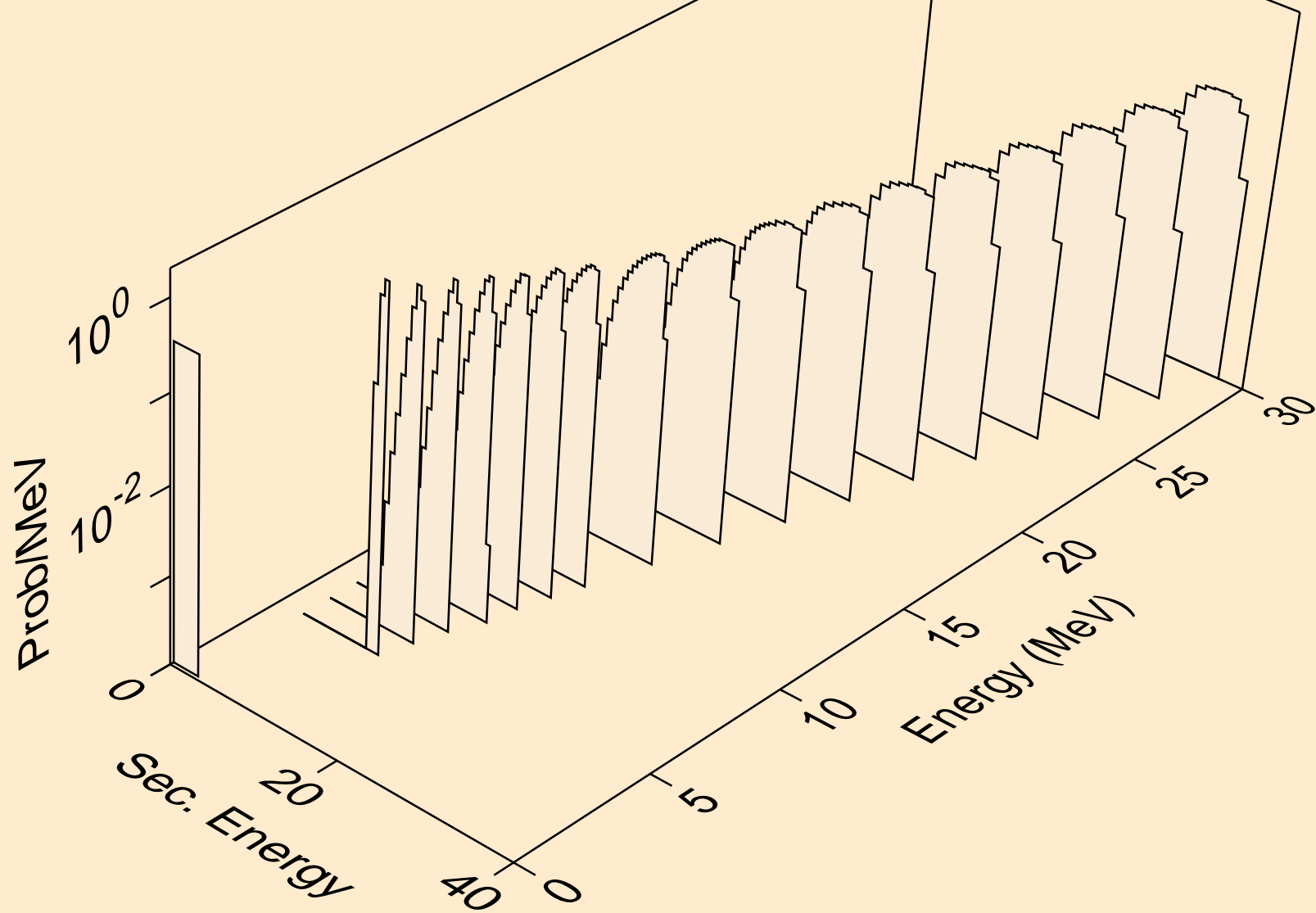
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



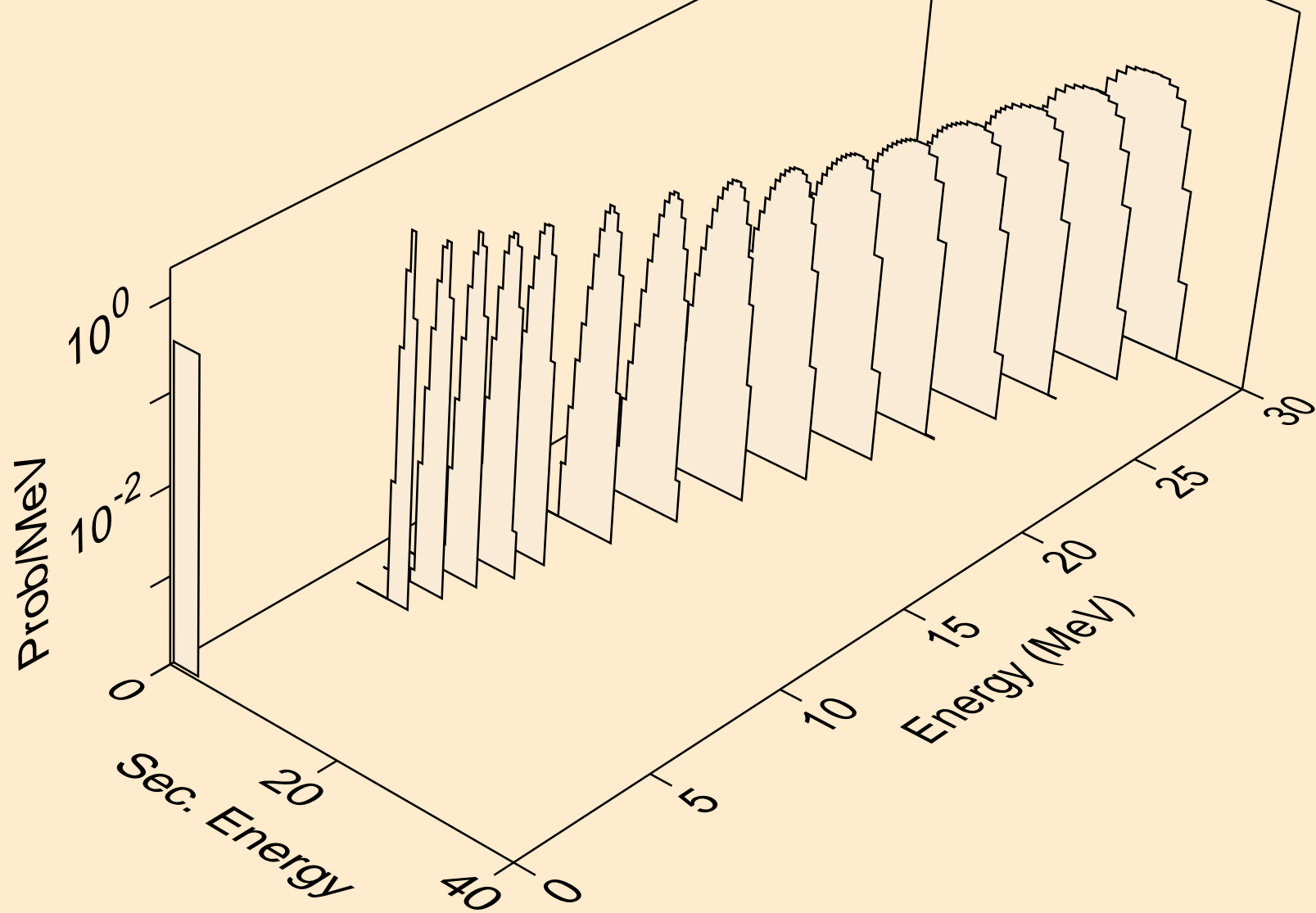
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a

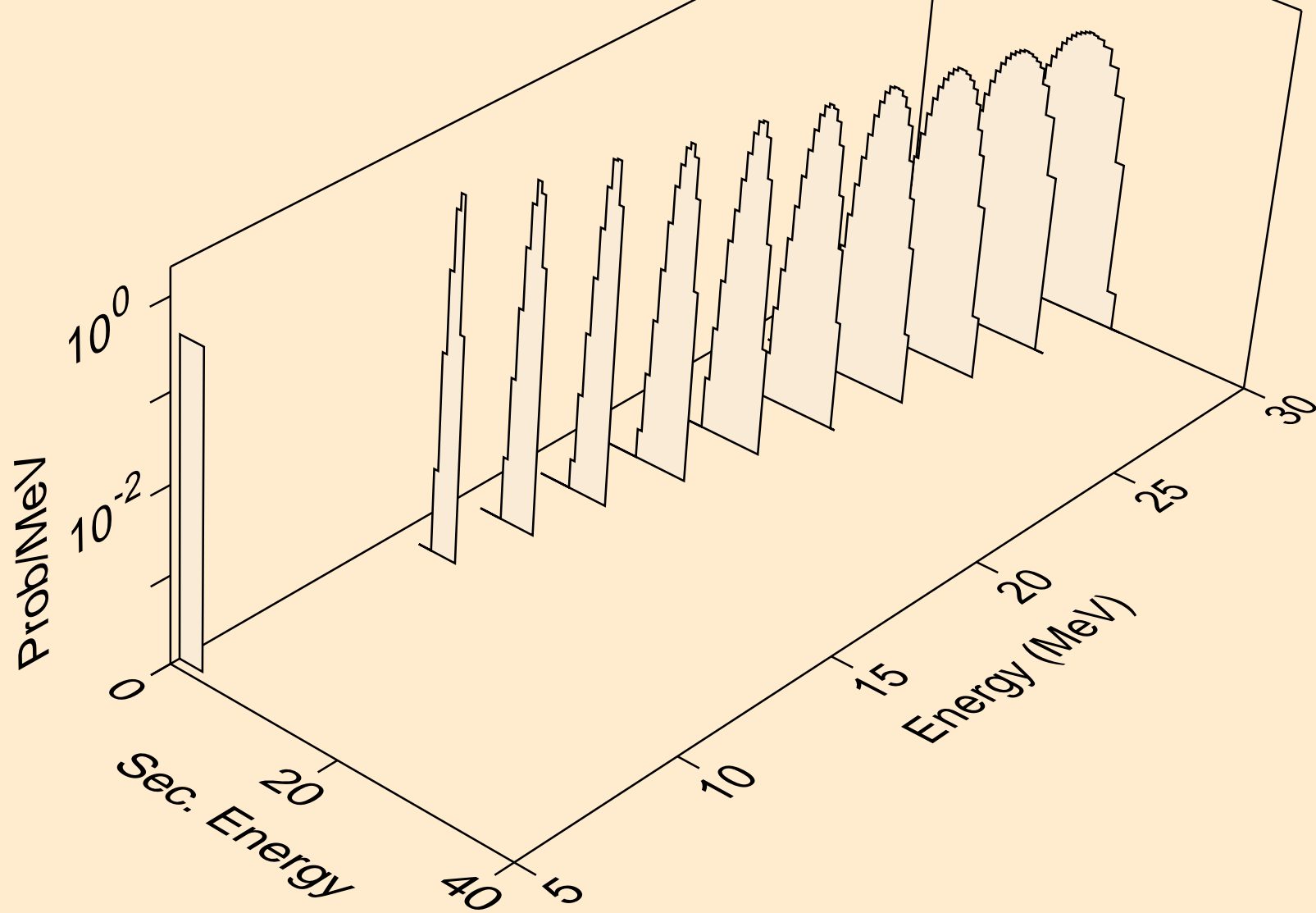


CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a

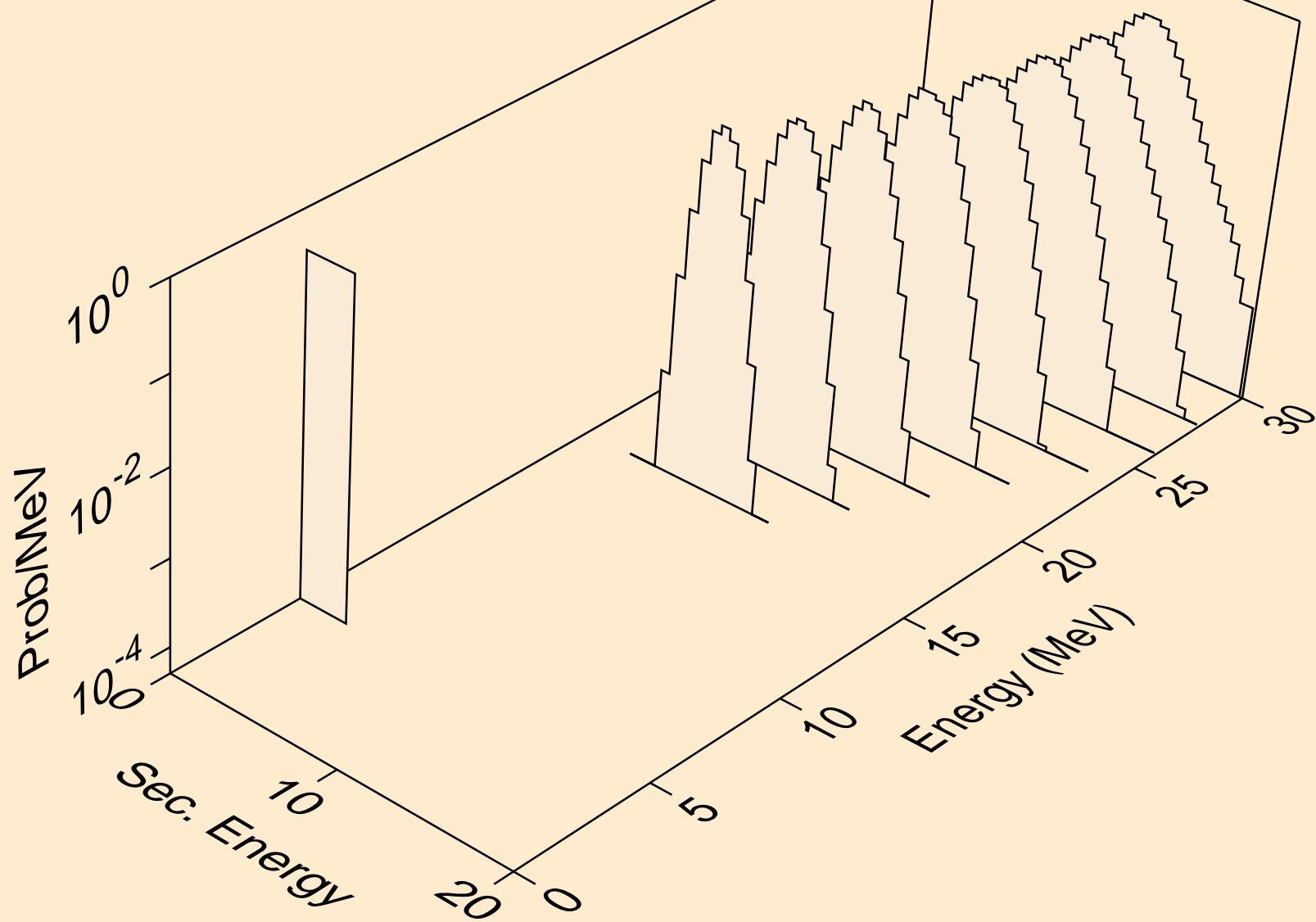




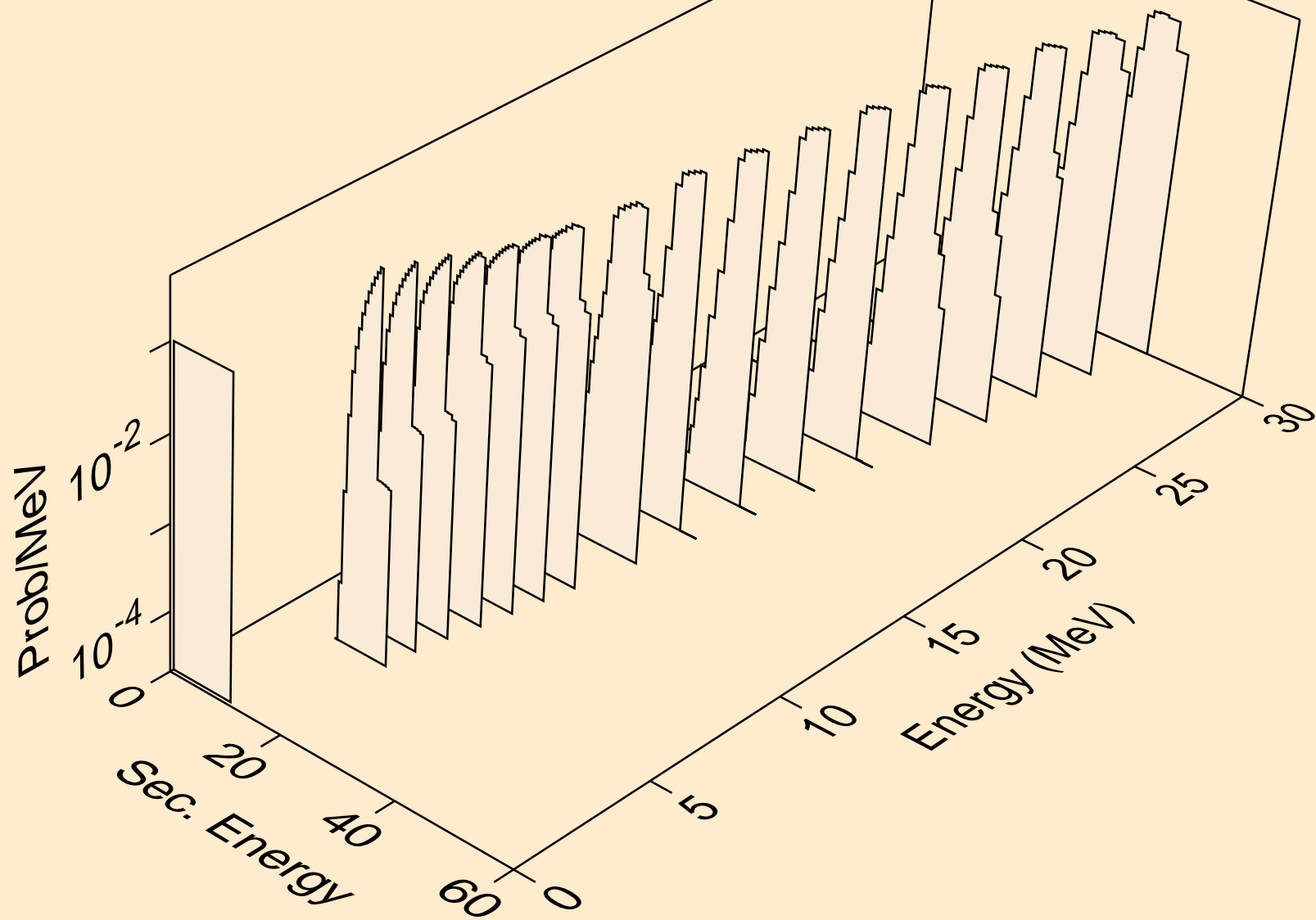
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



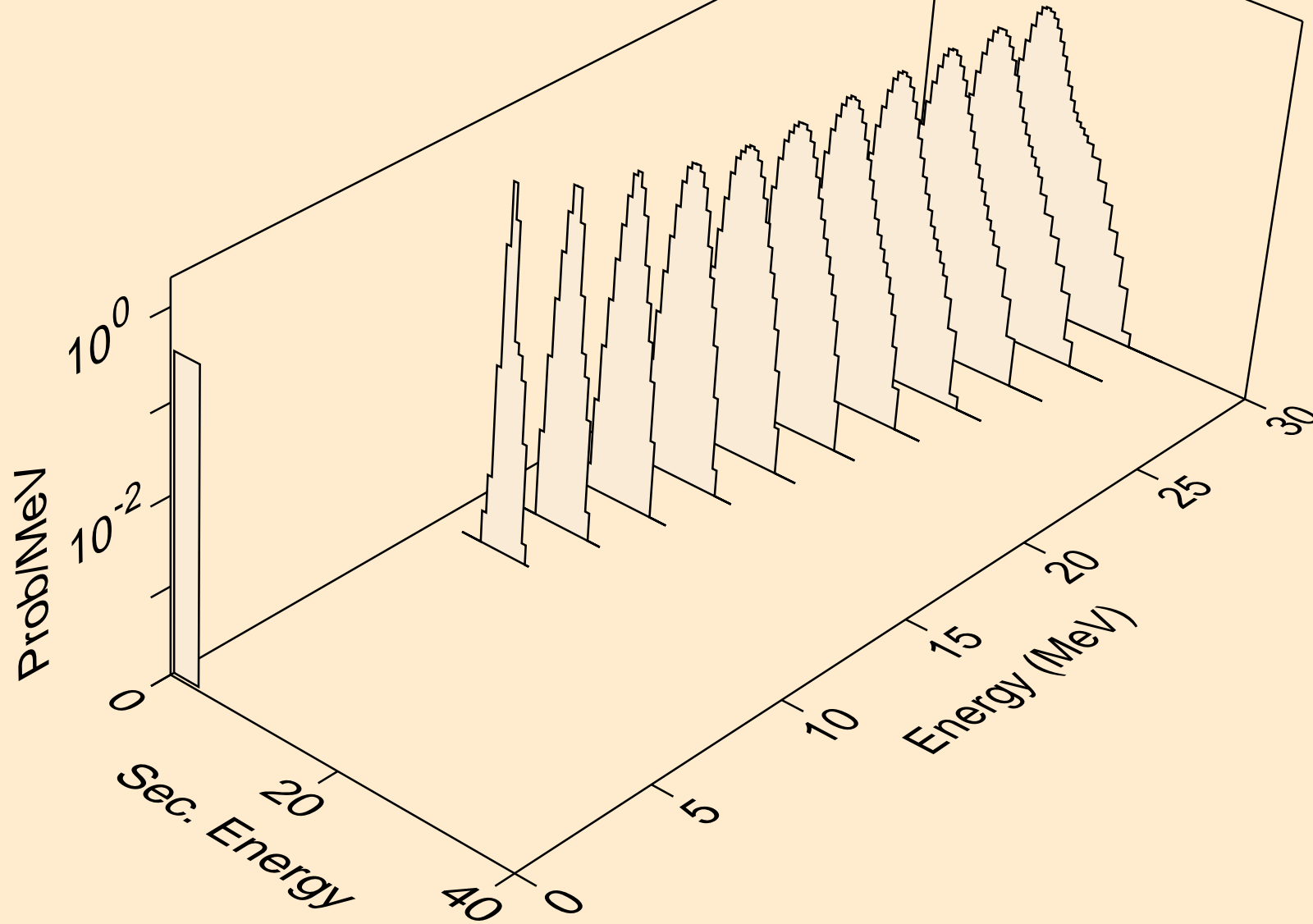
CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



CD123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

