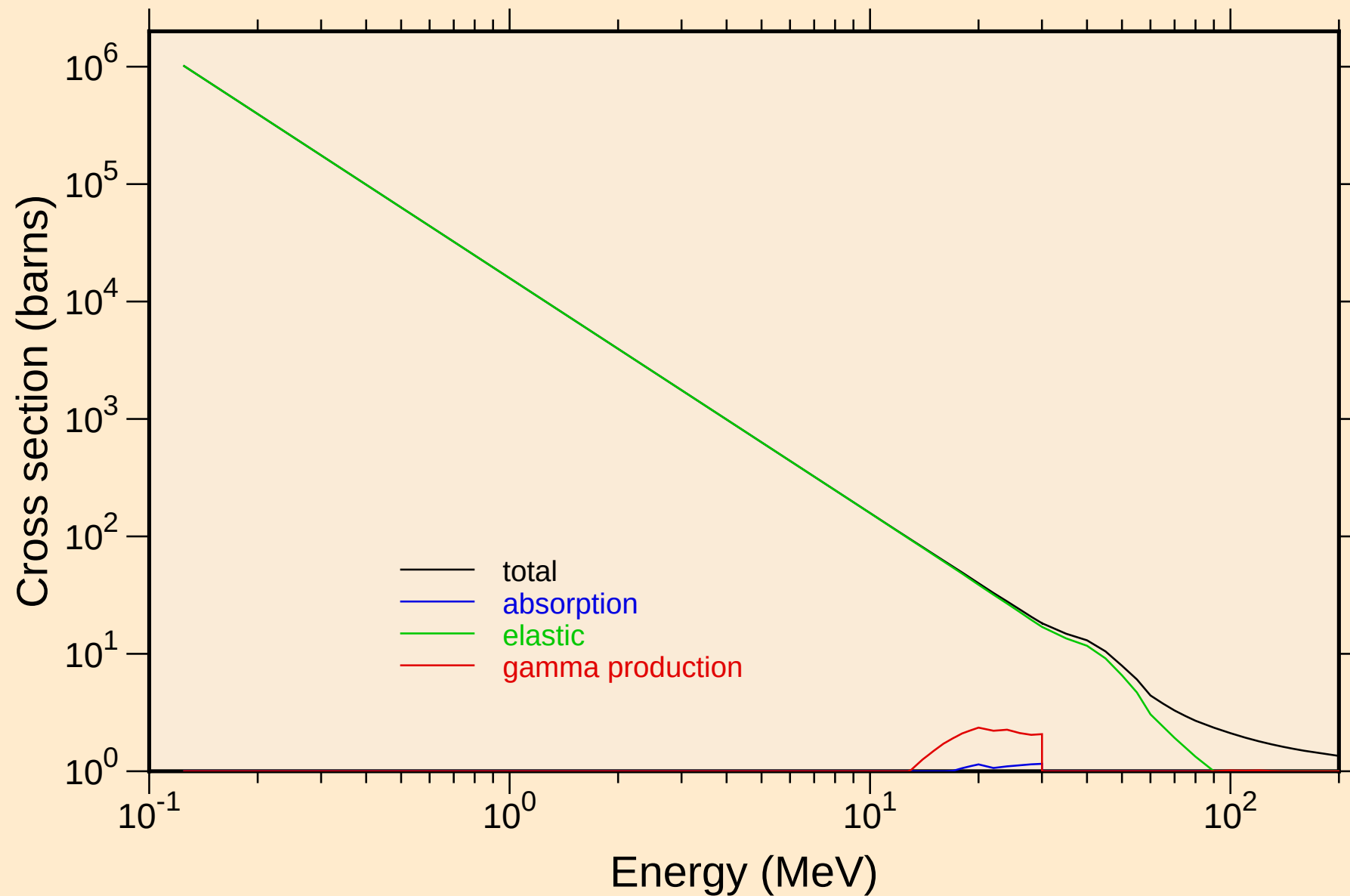


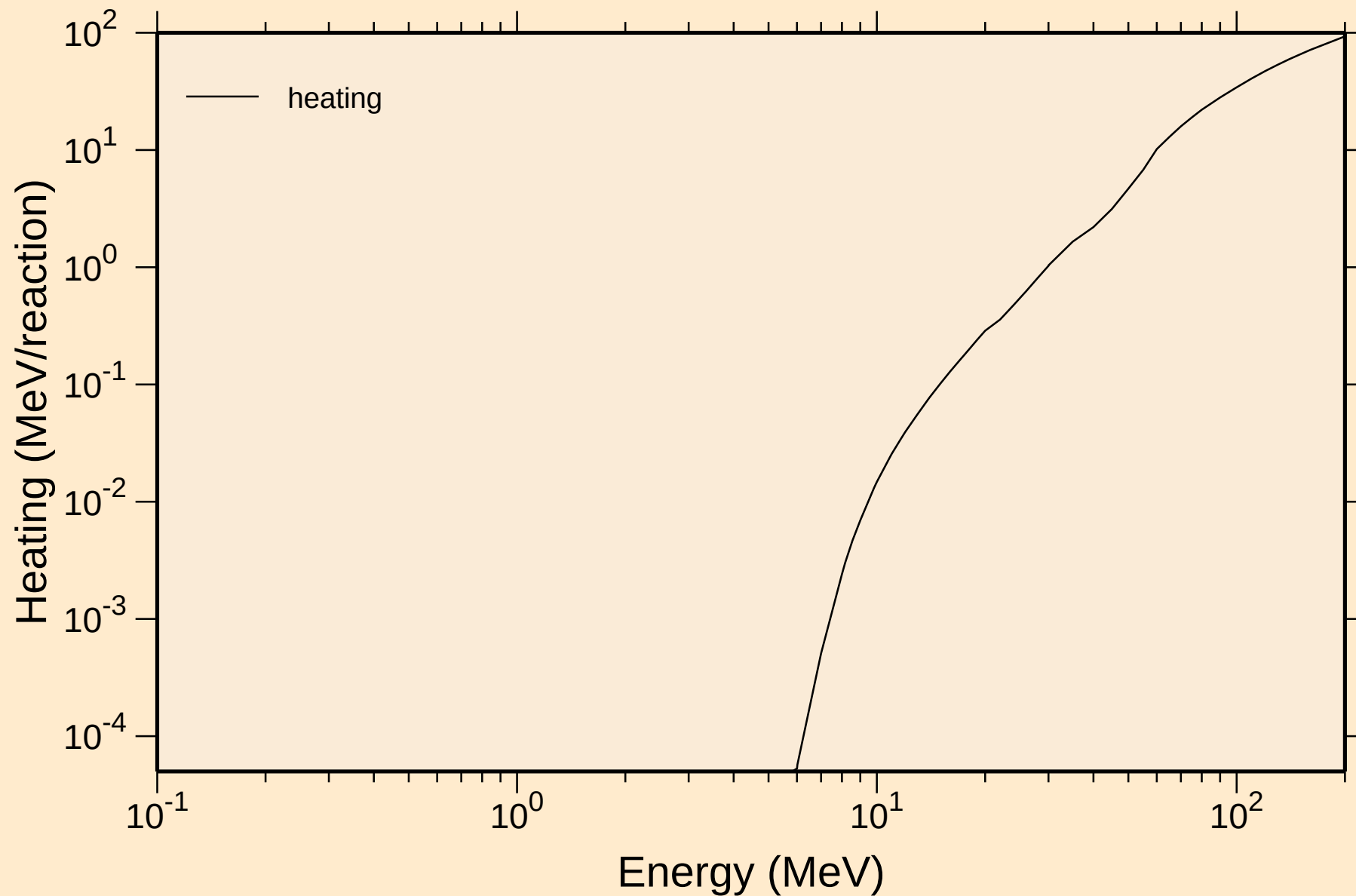
# CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



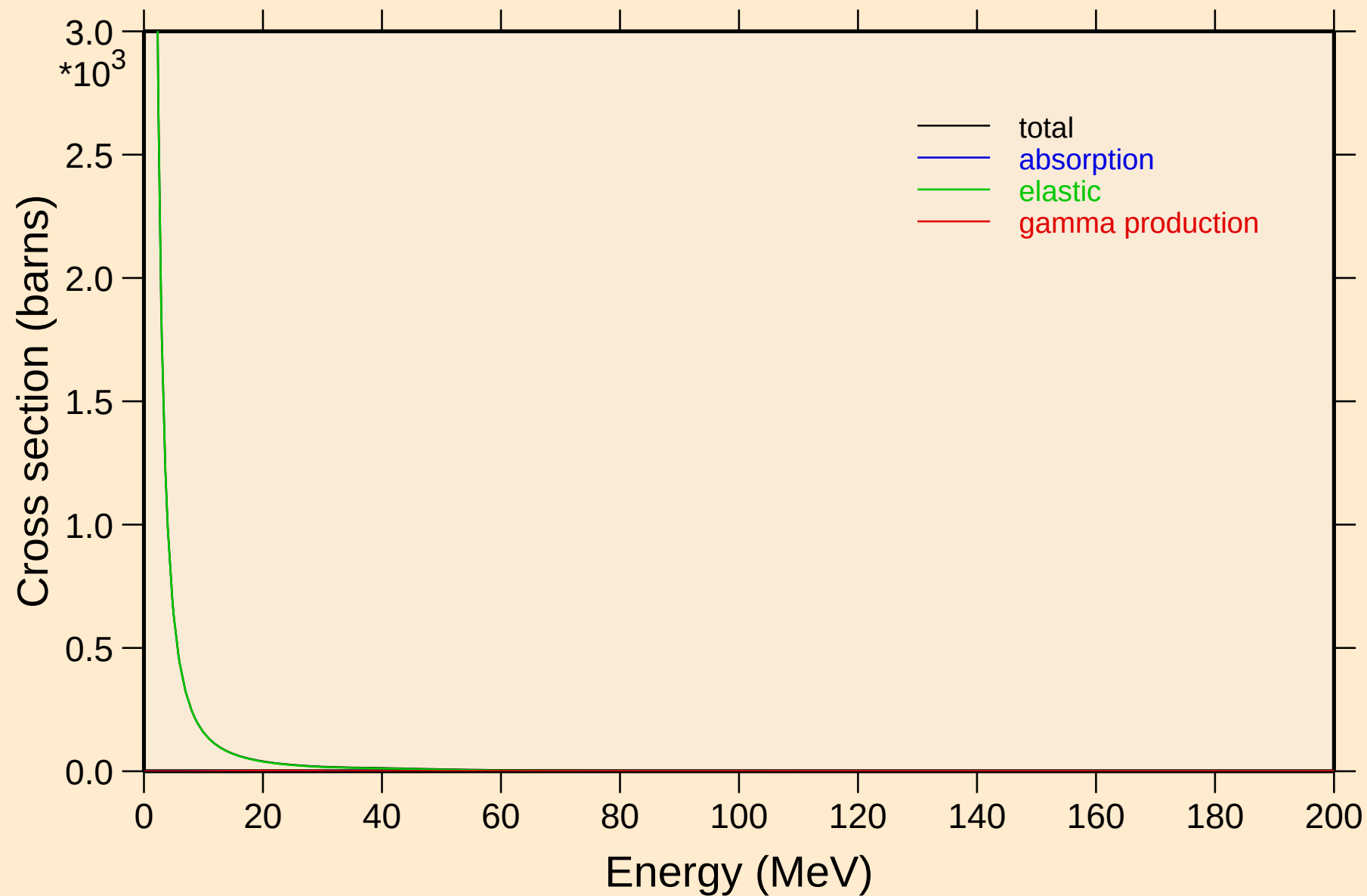
# CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



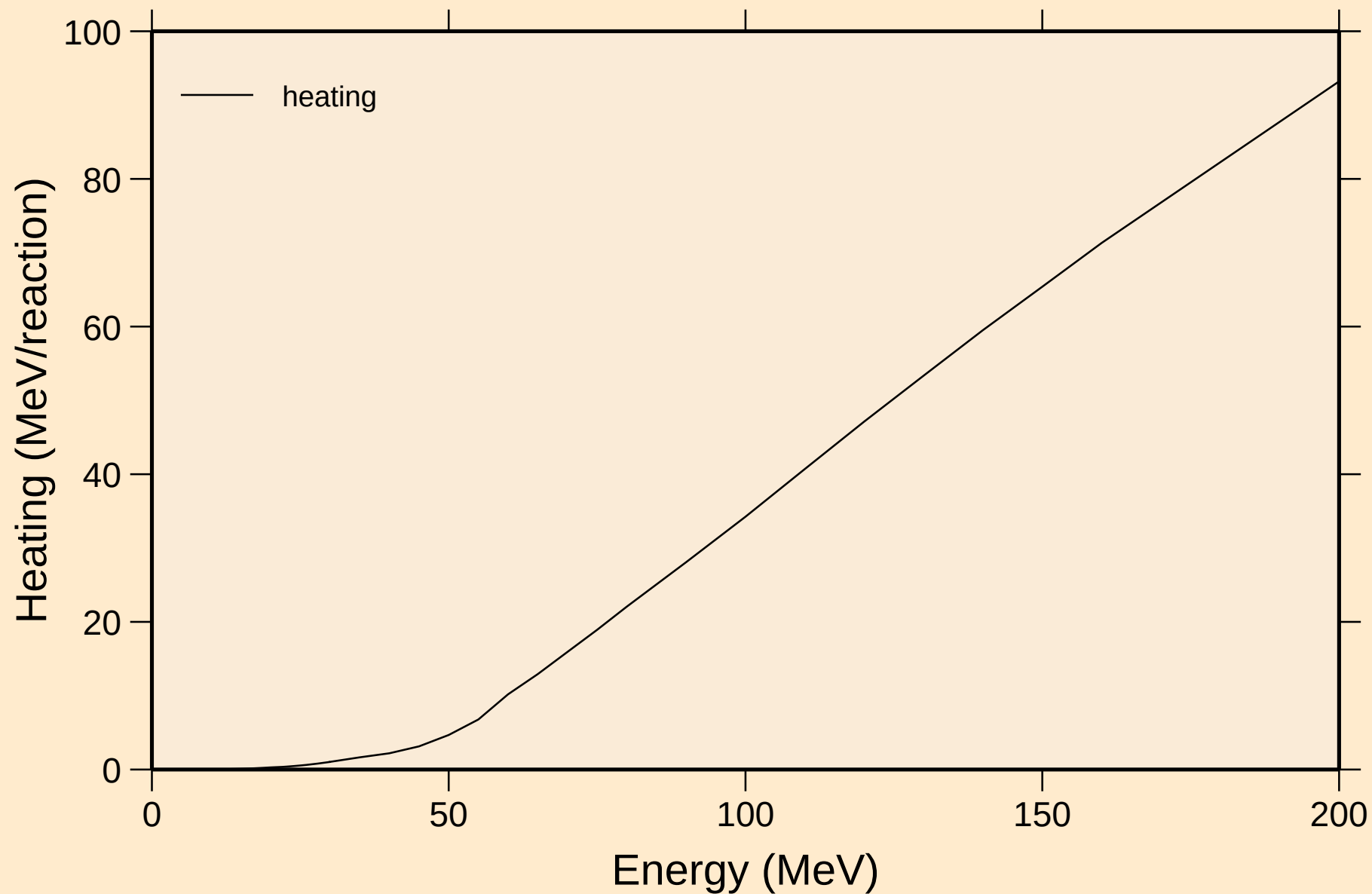
# CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



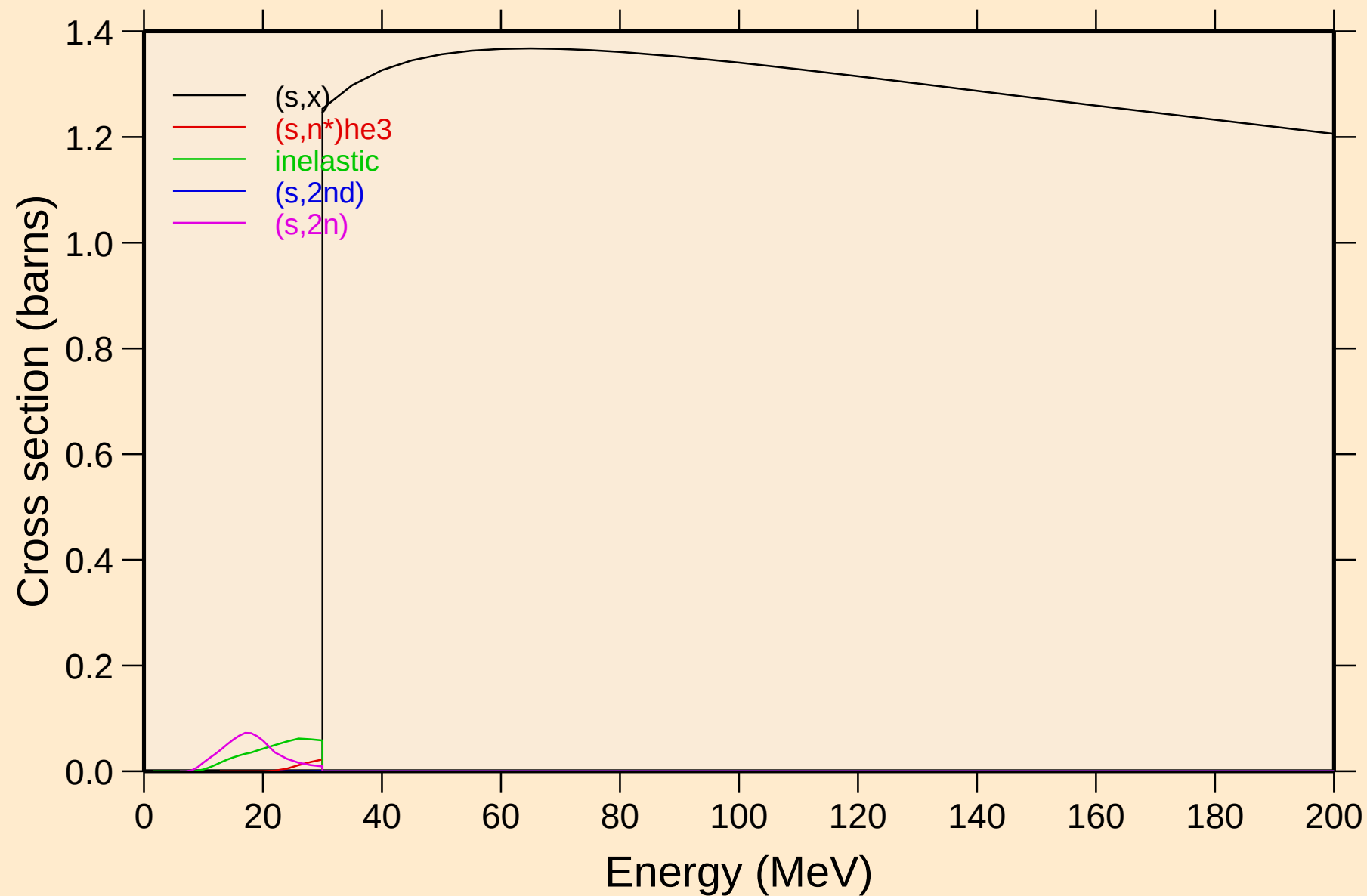
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating

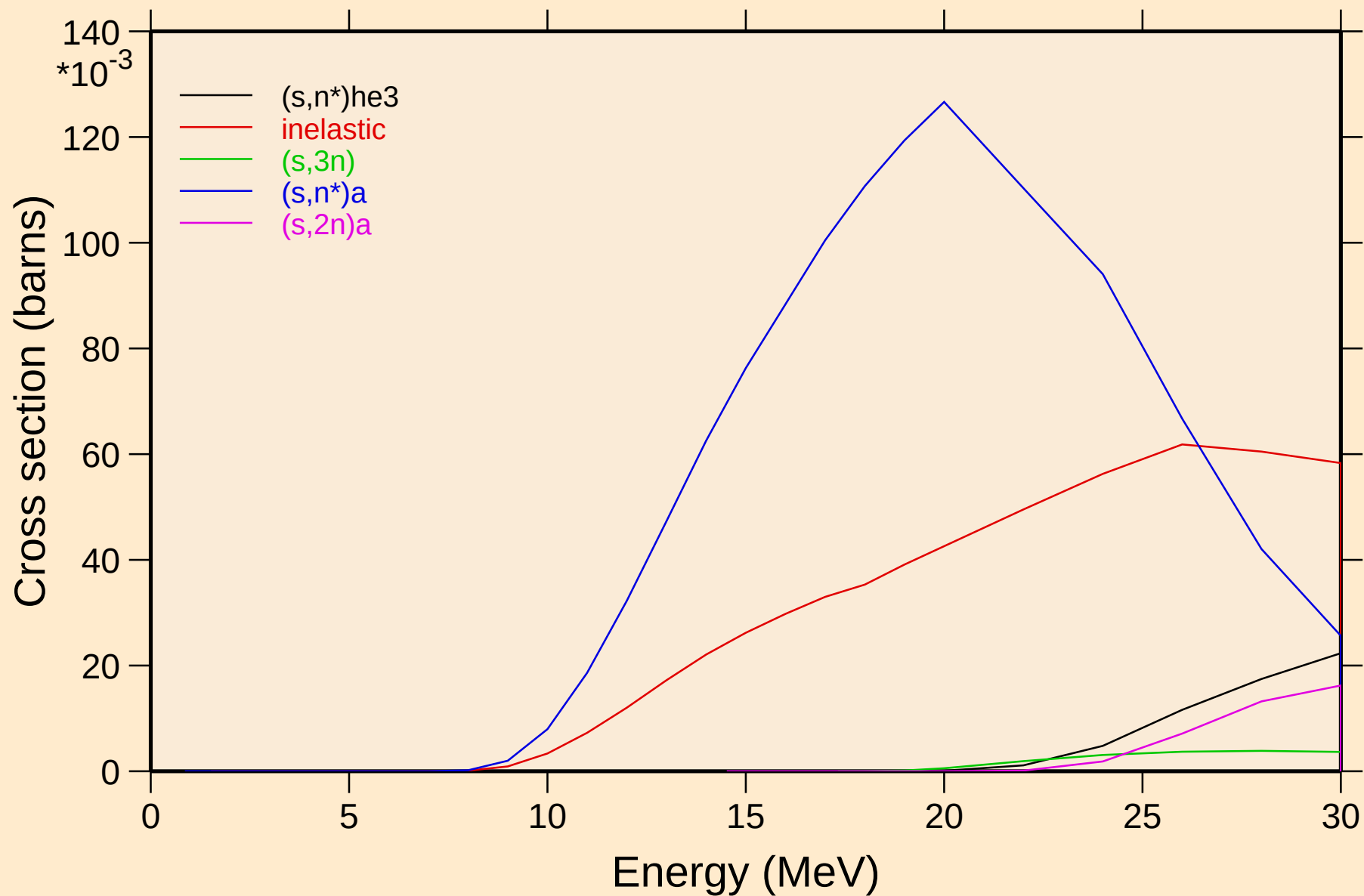


# CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

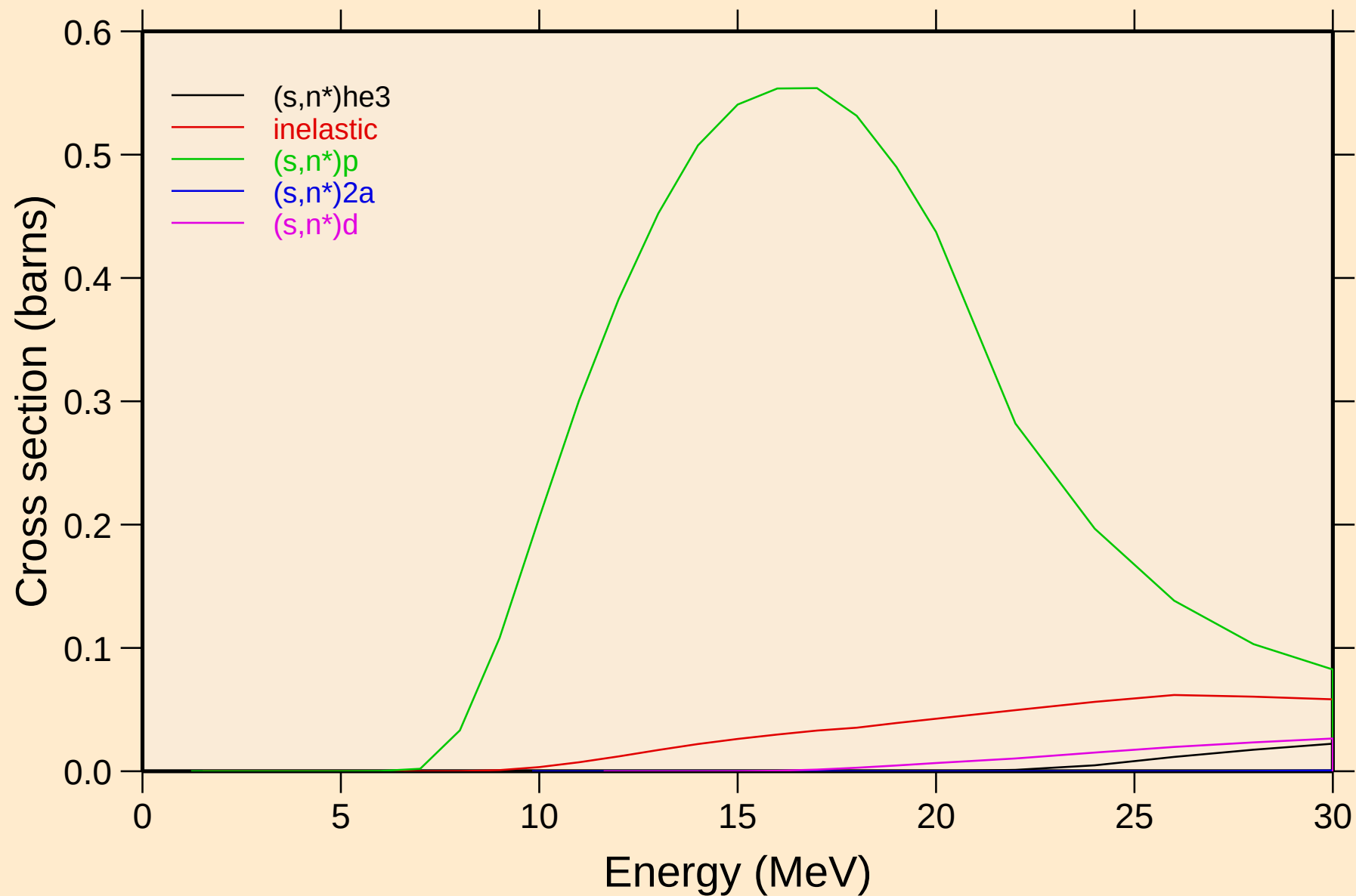


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



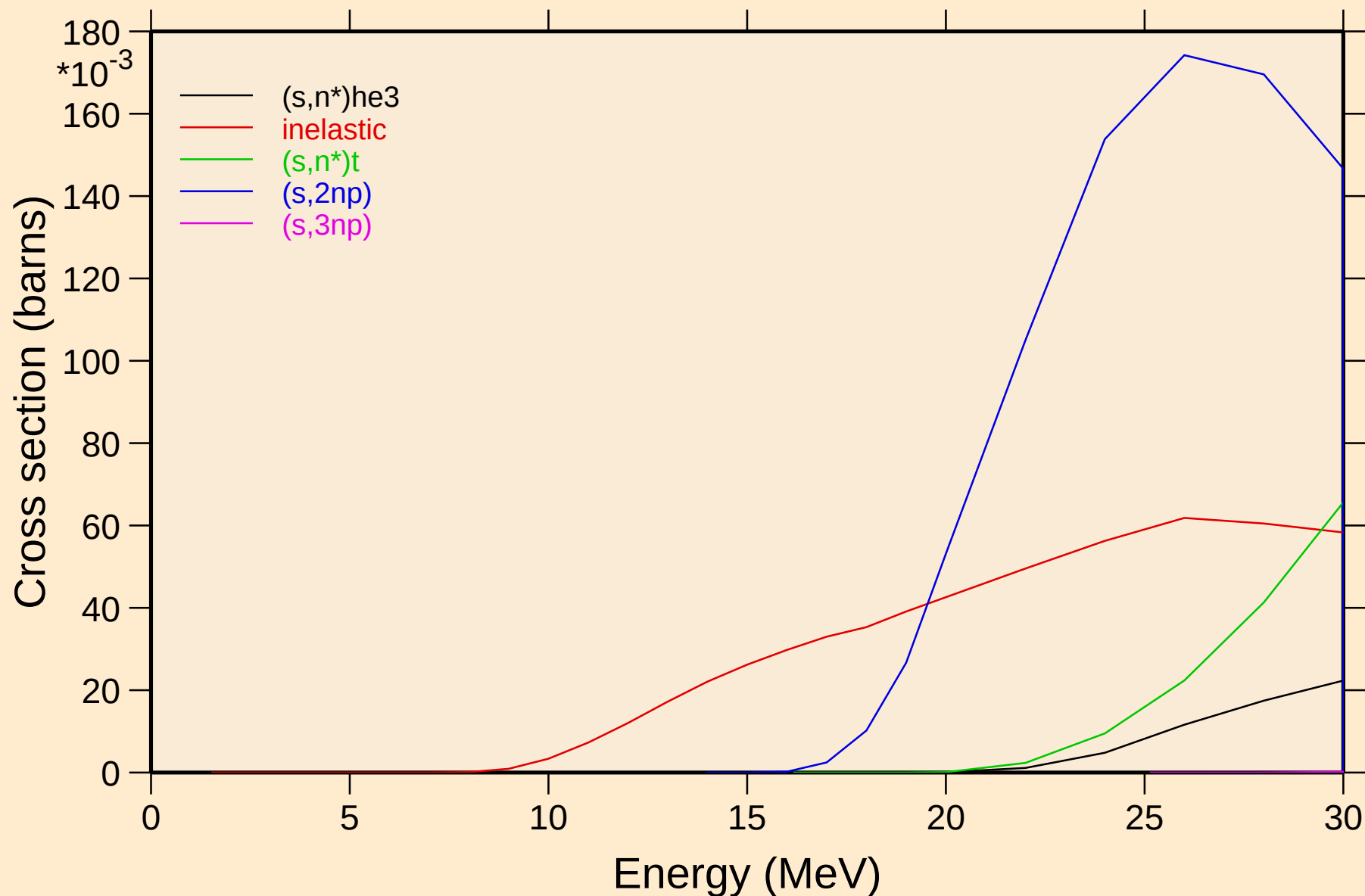
# CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

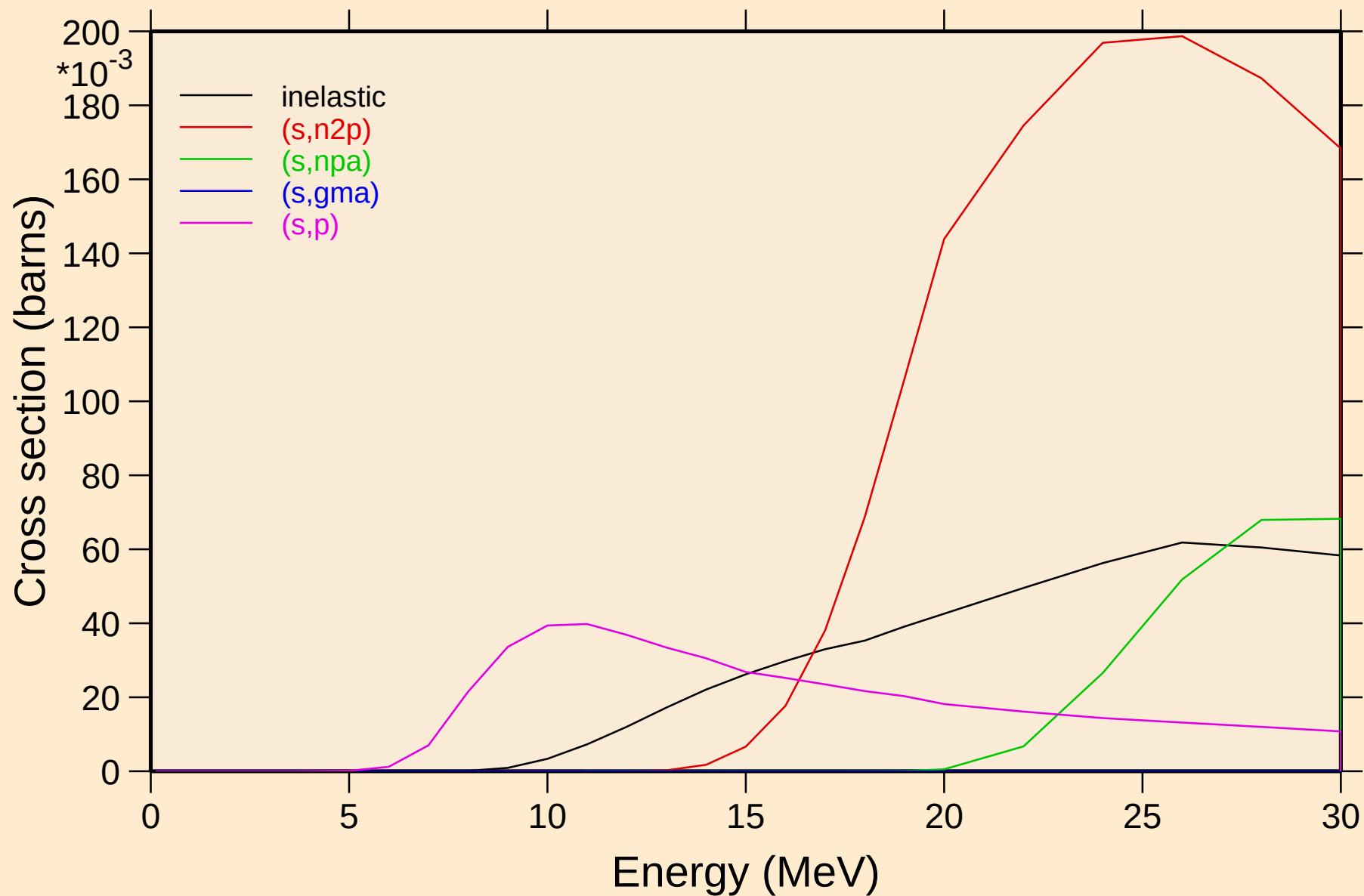
## Threshold reactions





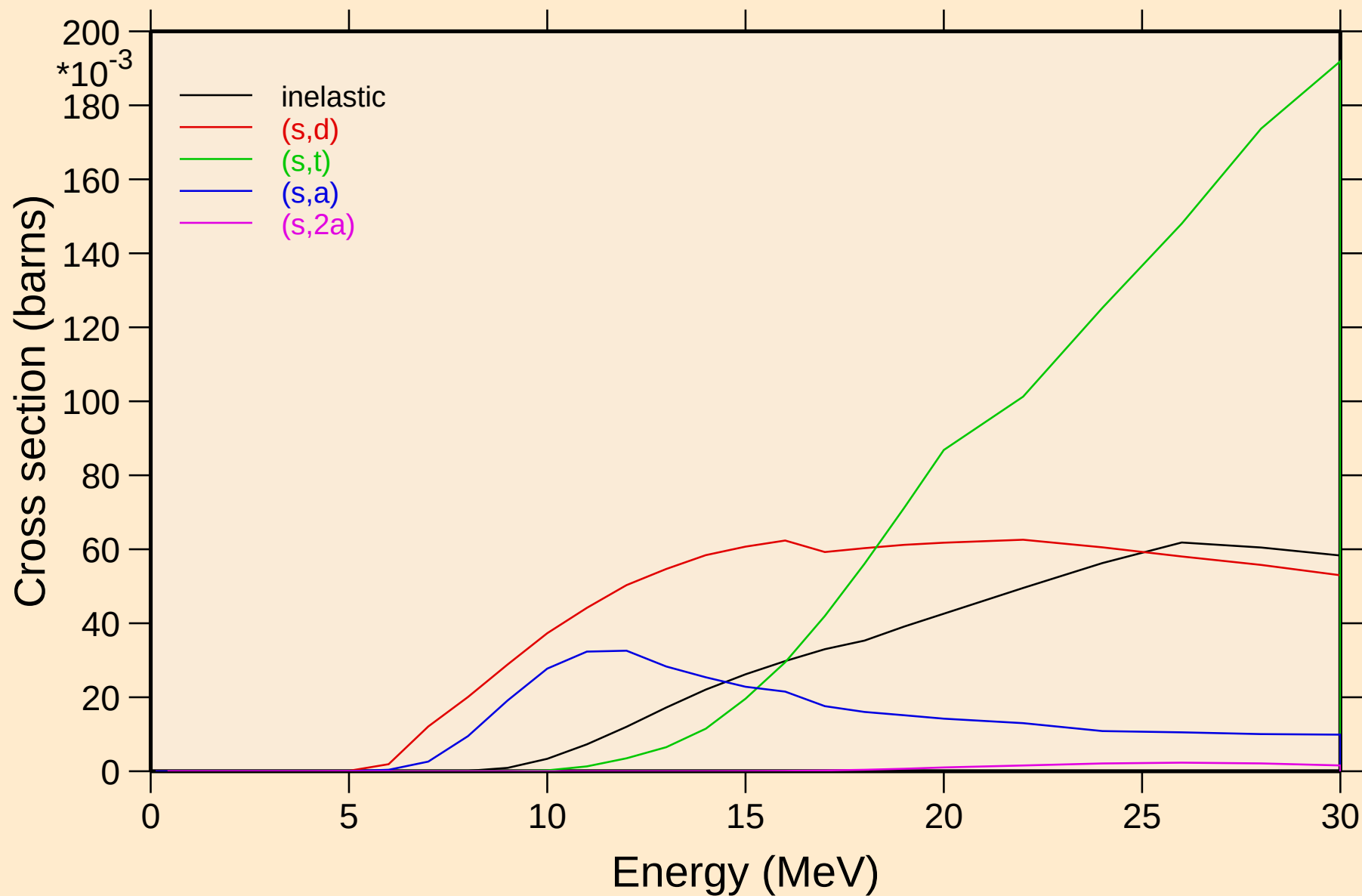
# CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

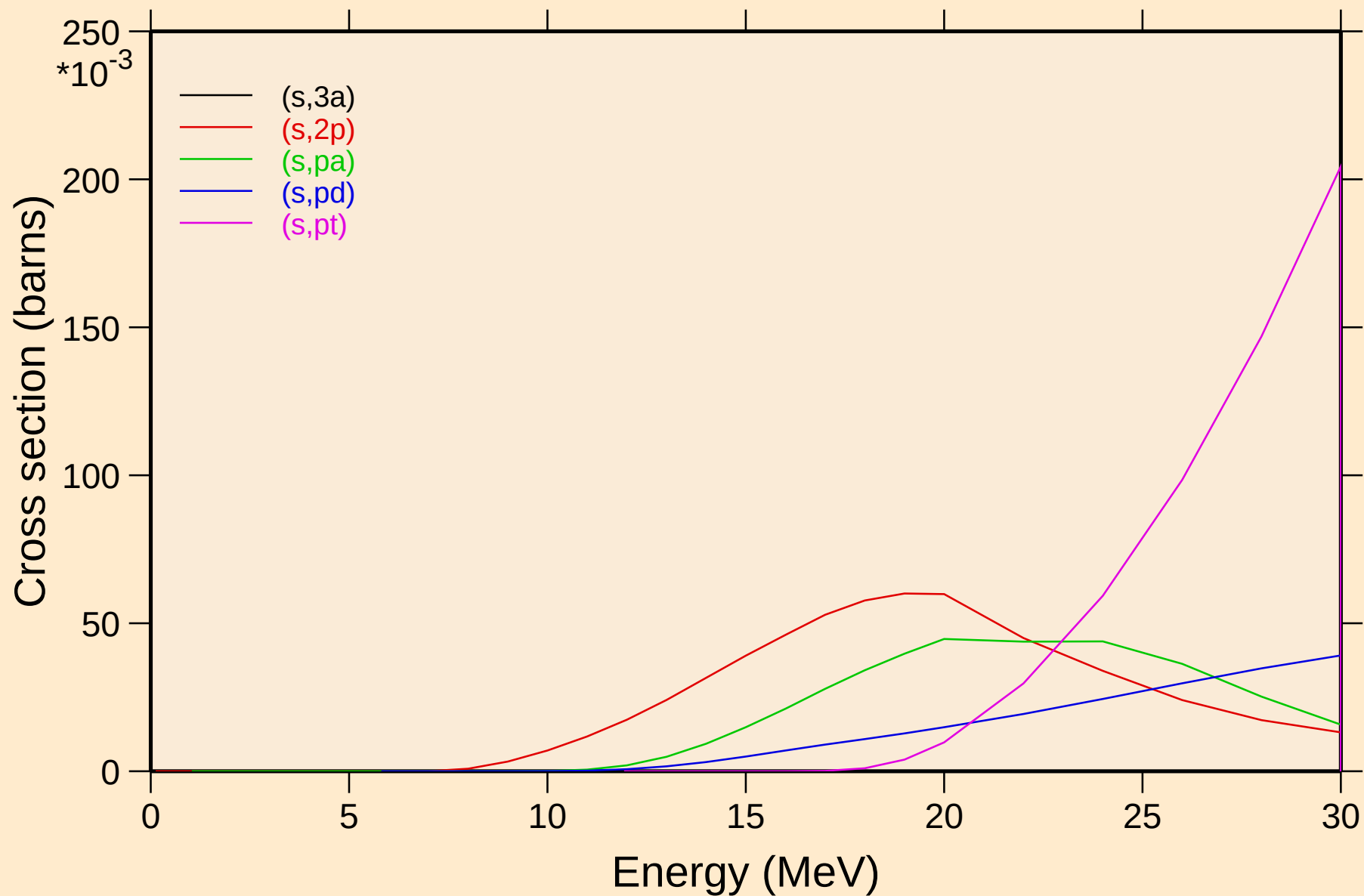


# CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

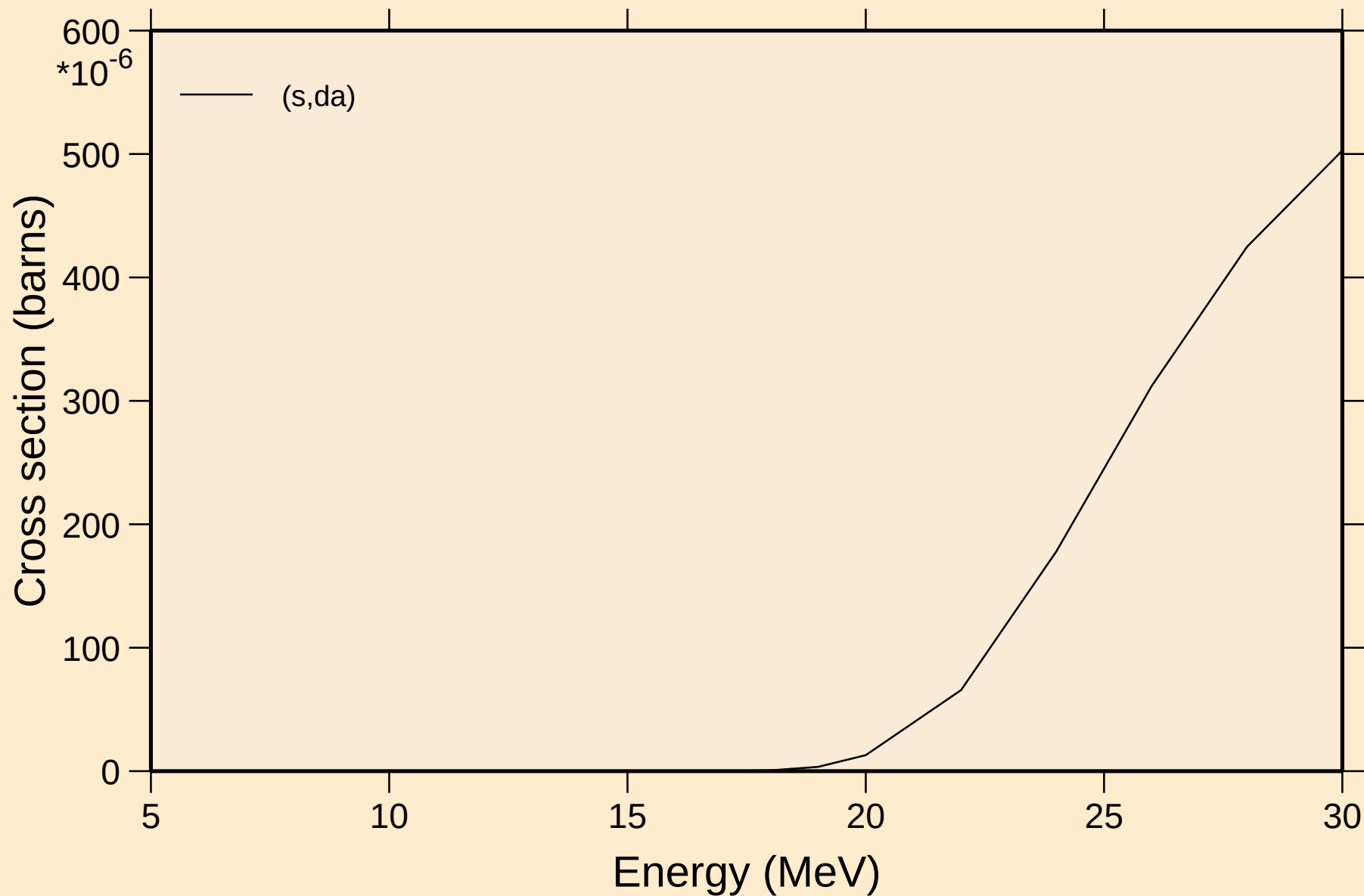


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

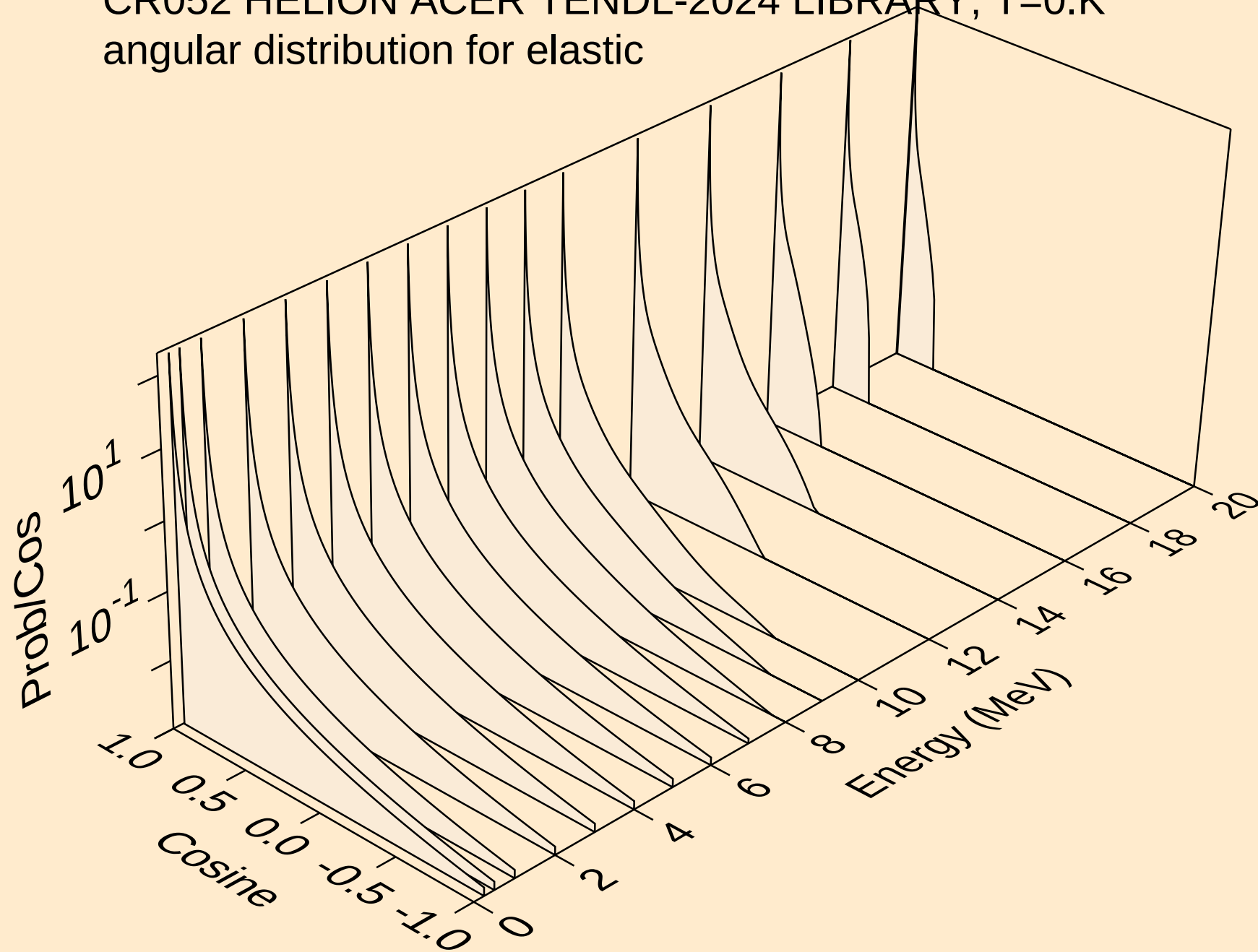


# CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

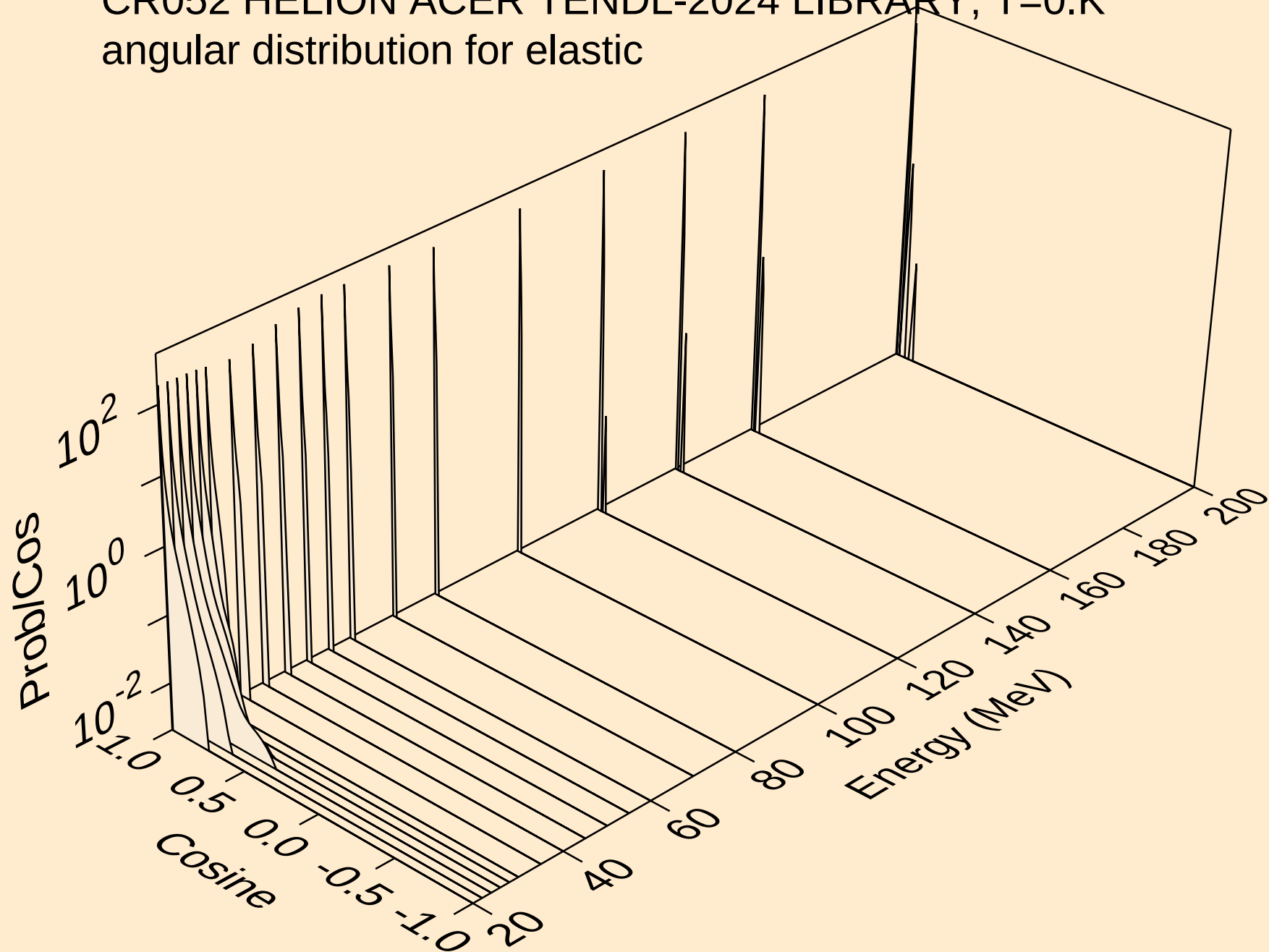
Threshold reactions



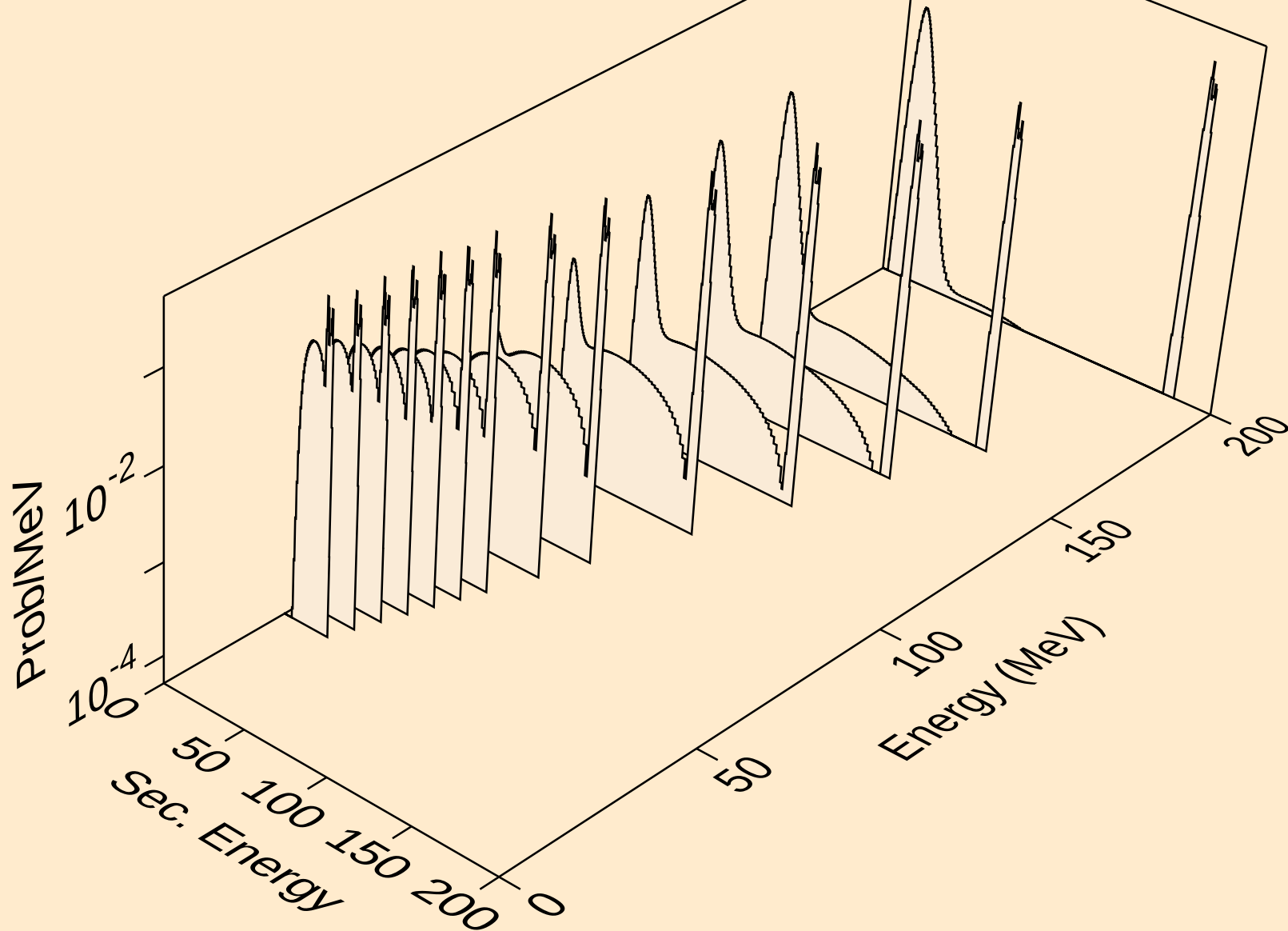
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



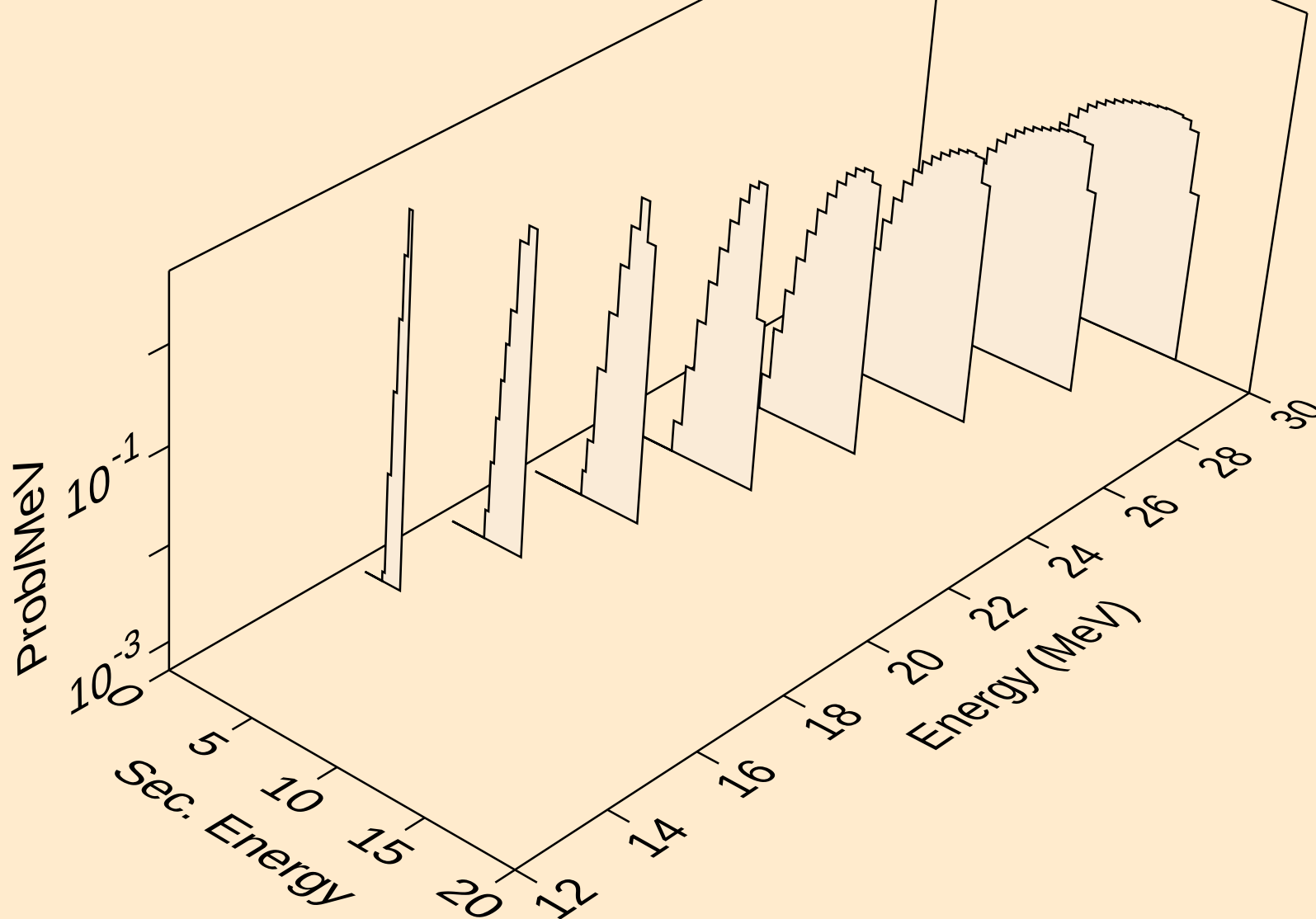
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)

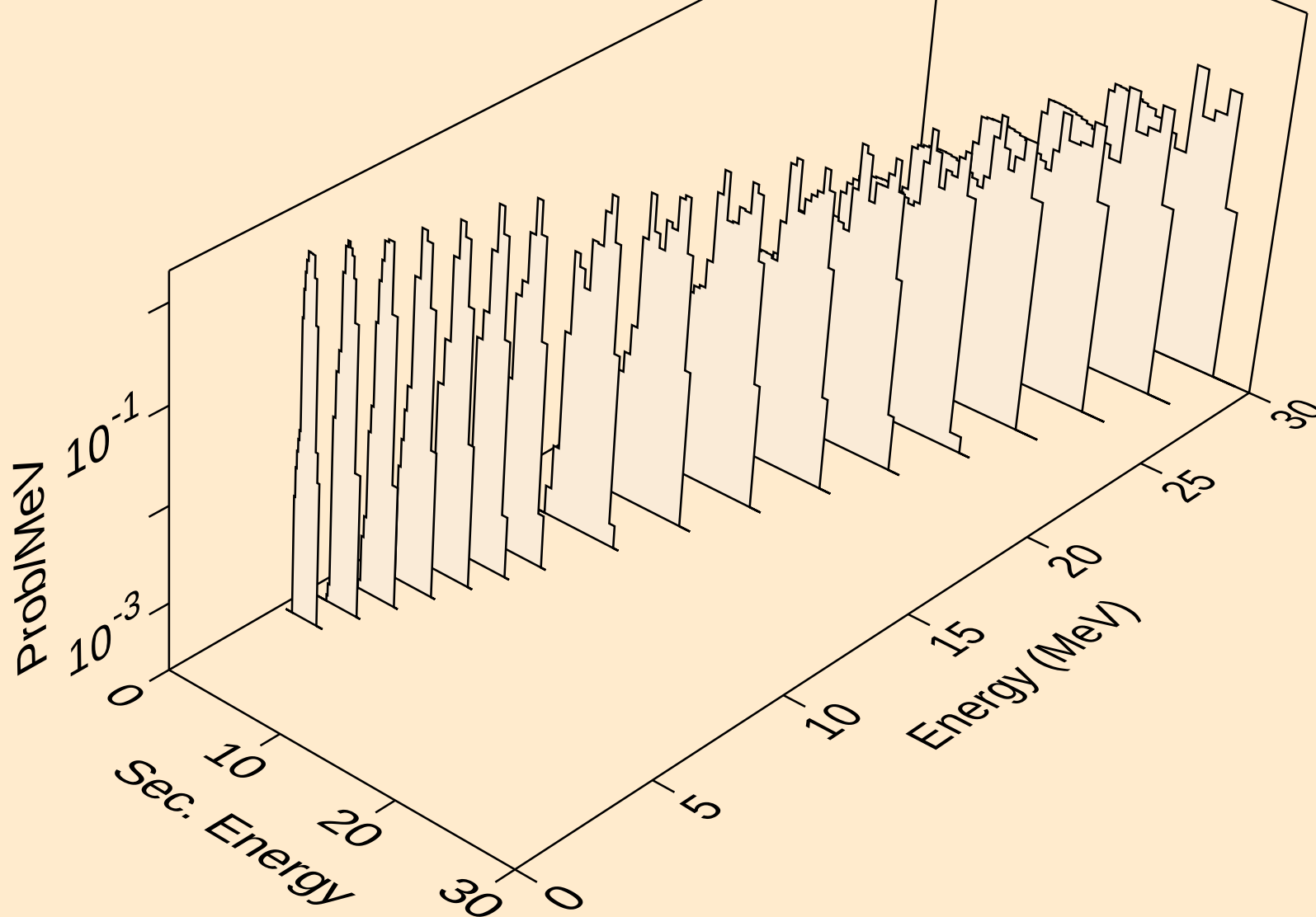


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

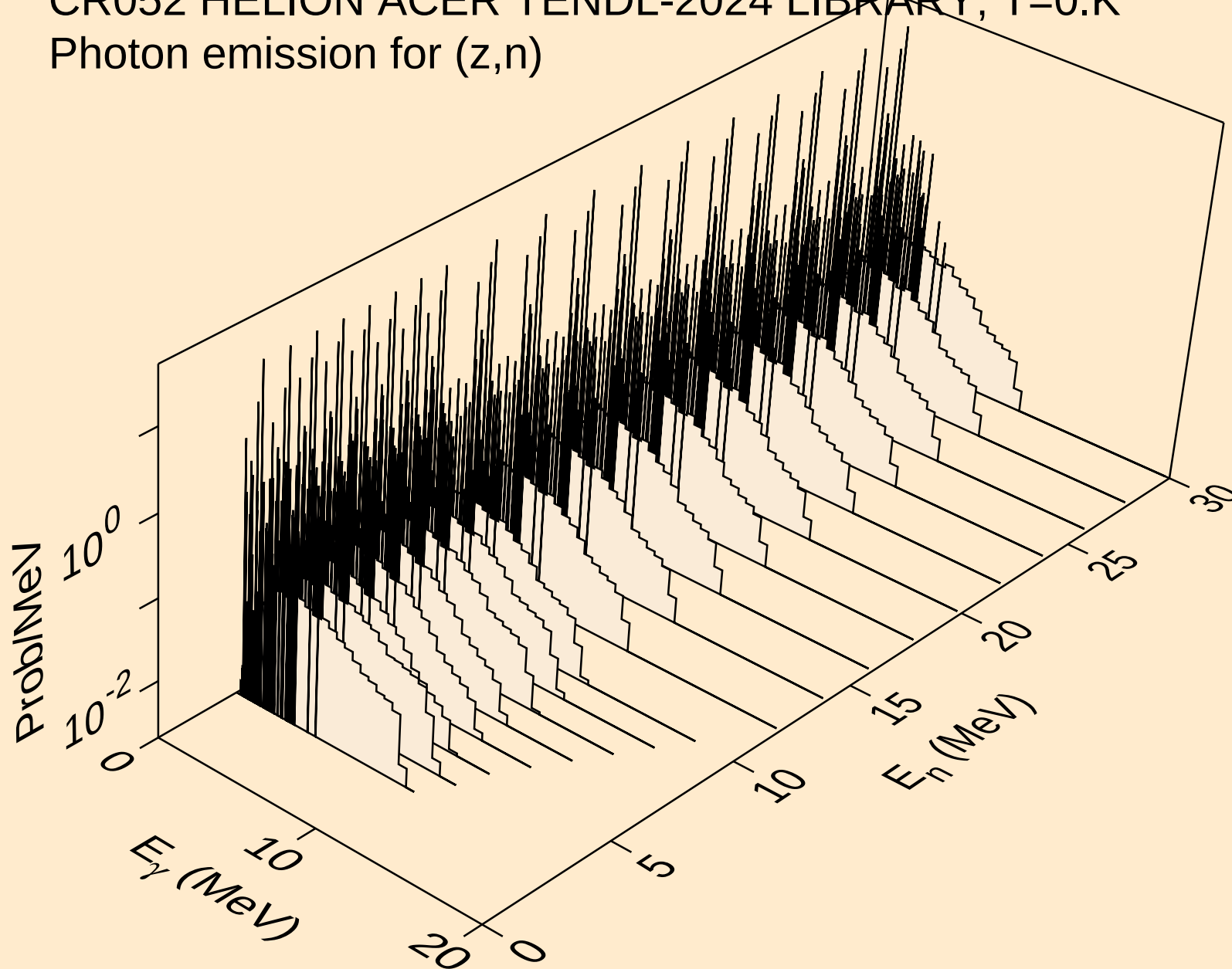




CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic

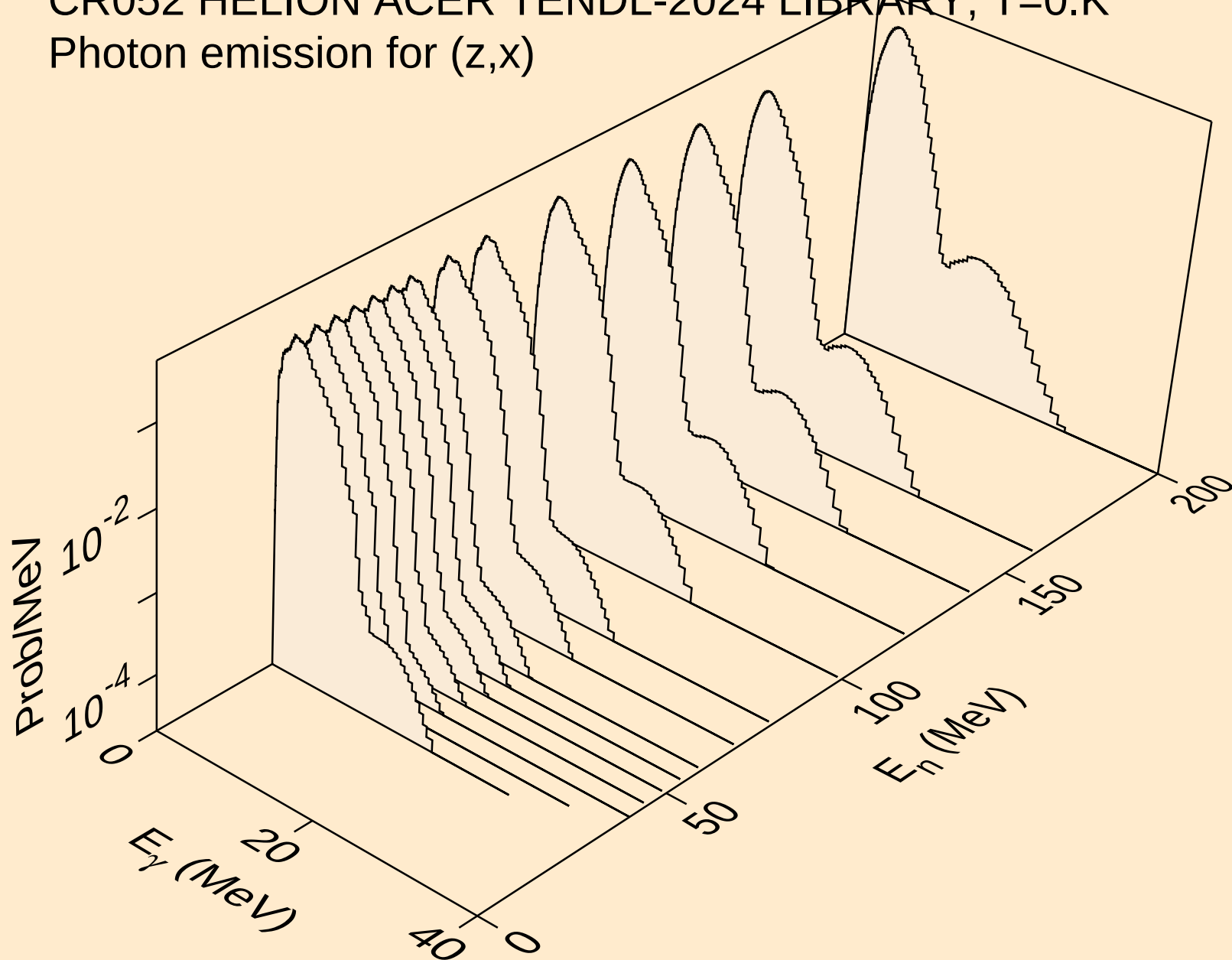


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

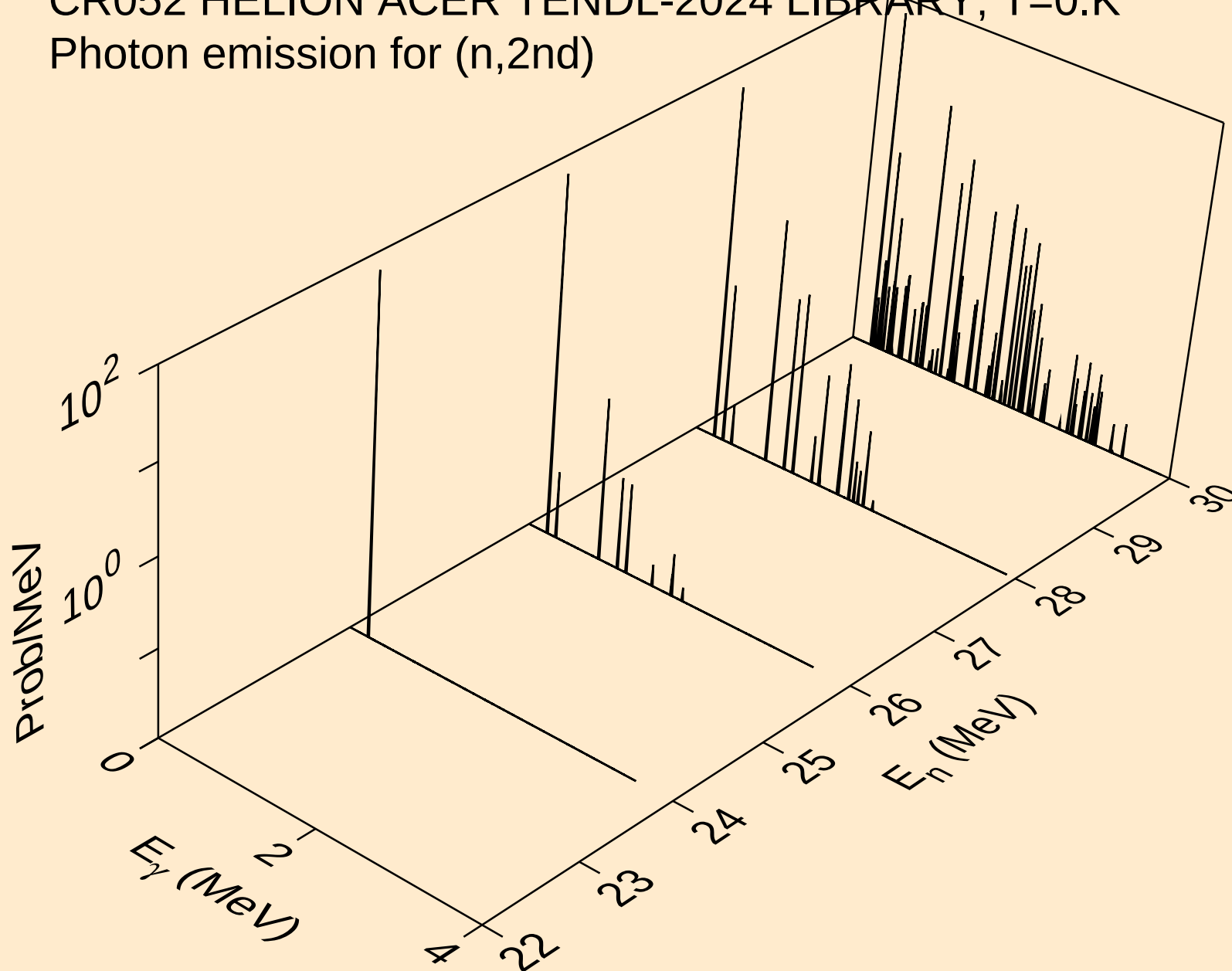


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

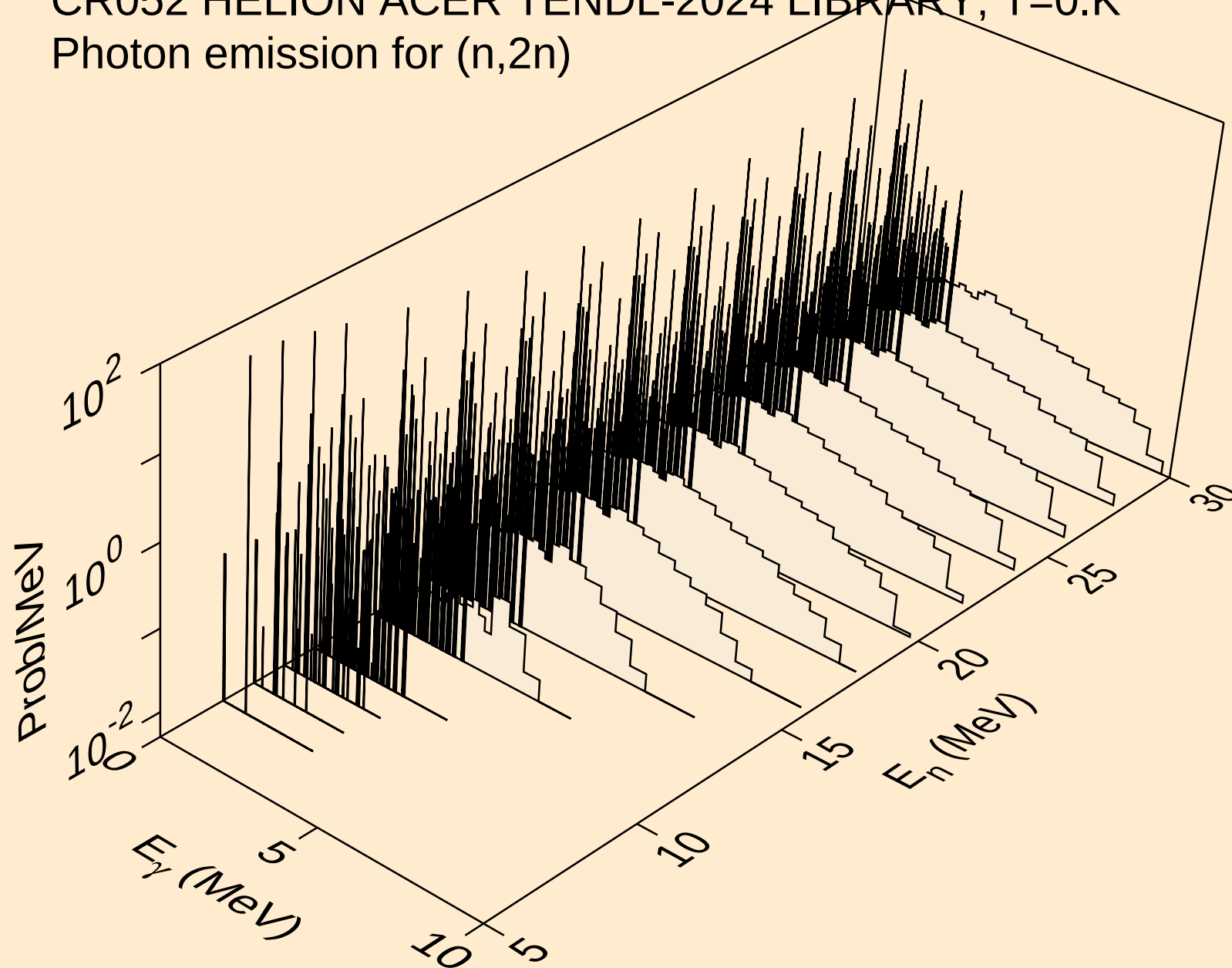
Photon emission for (z,x)



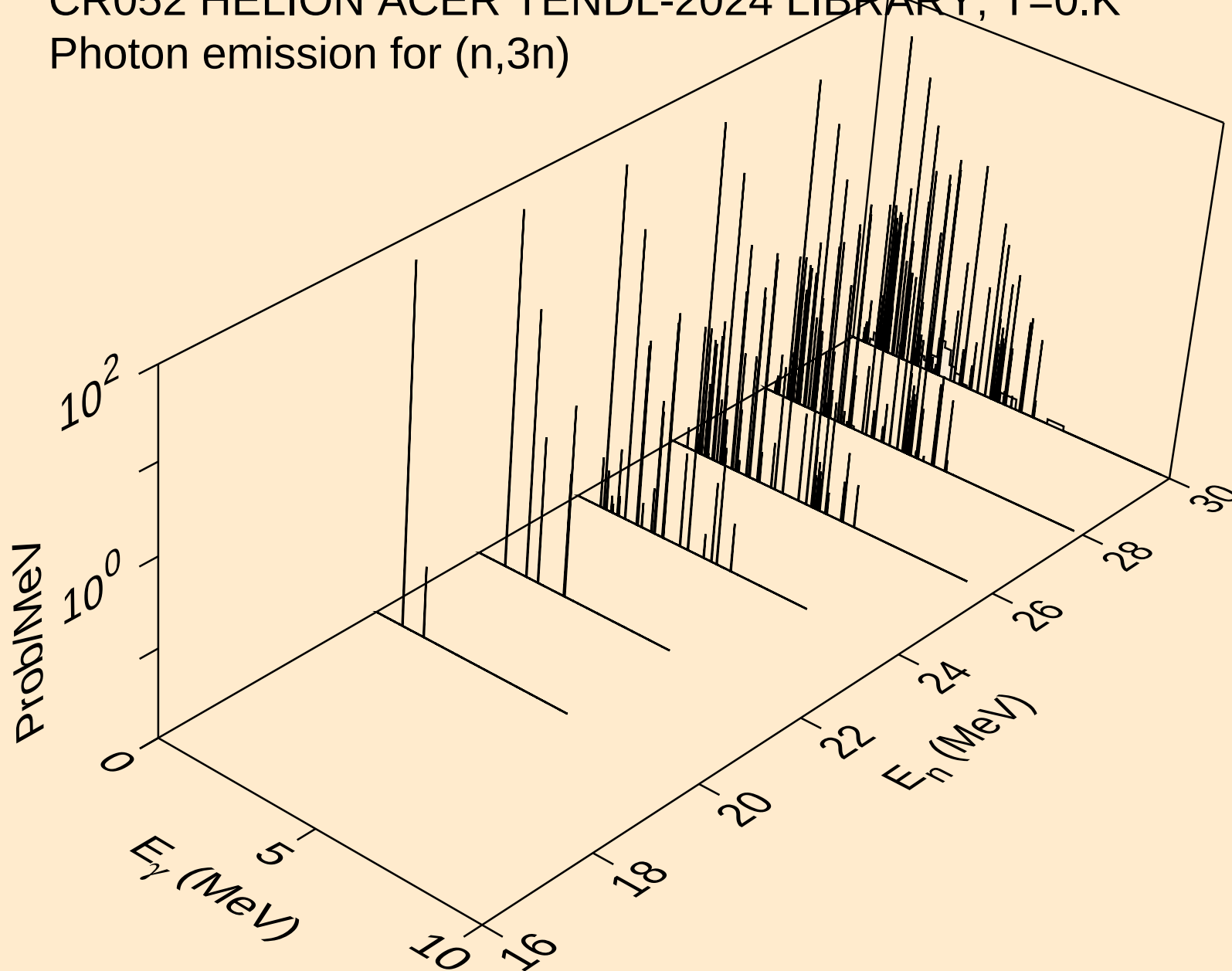
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



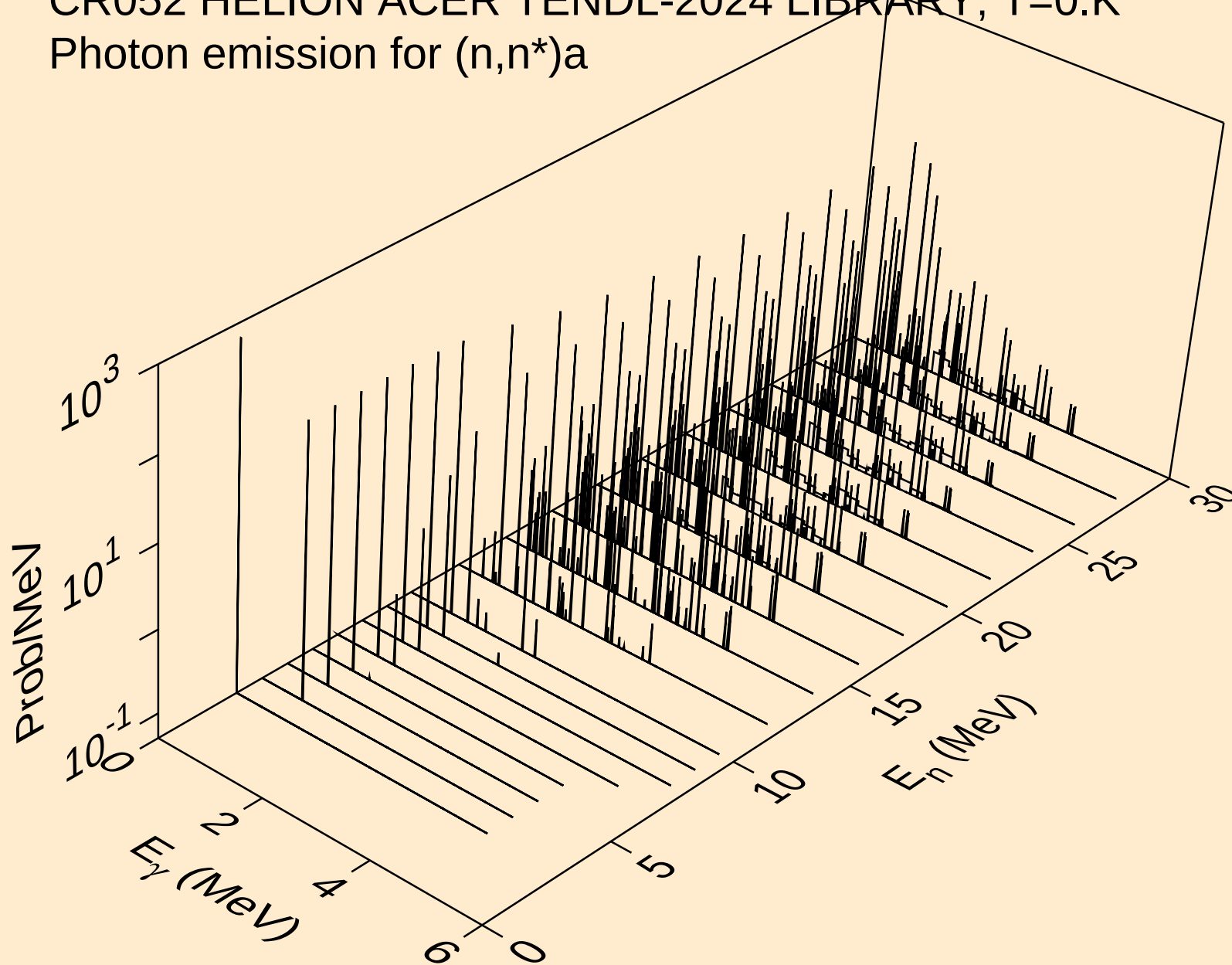
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

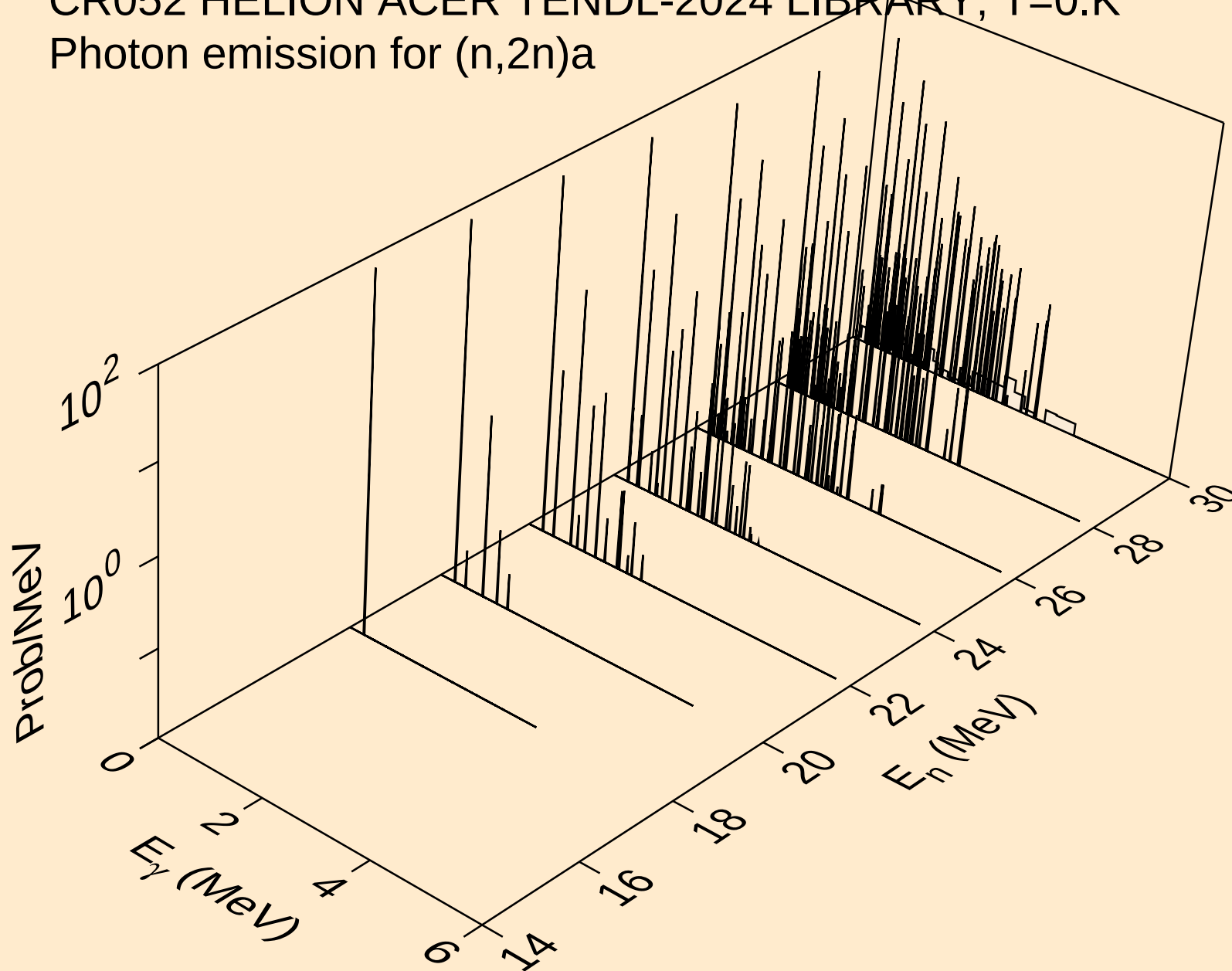


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



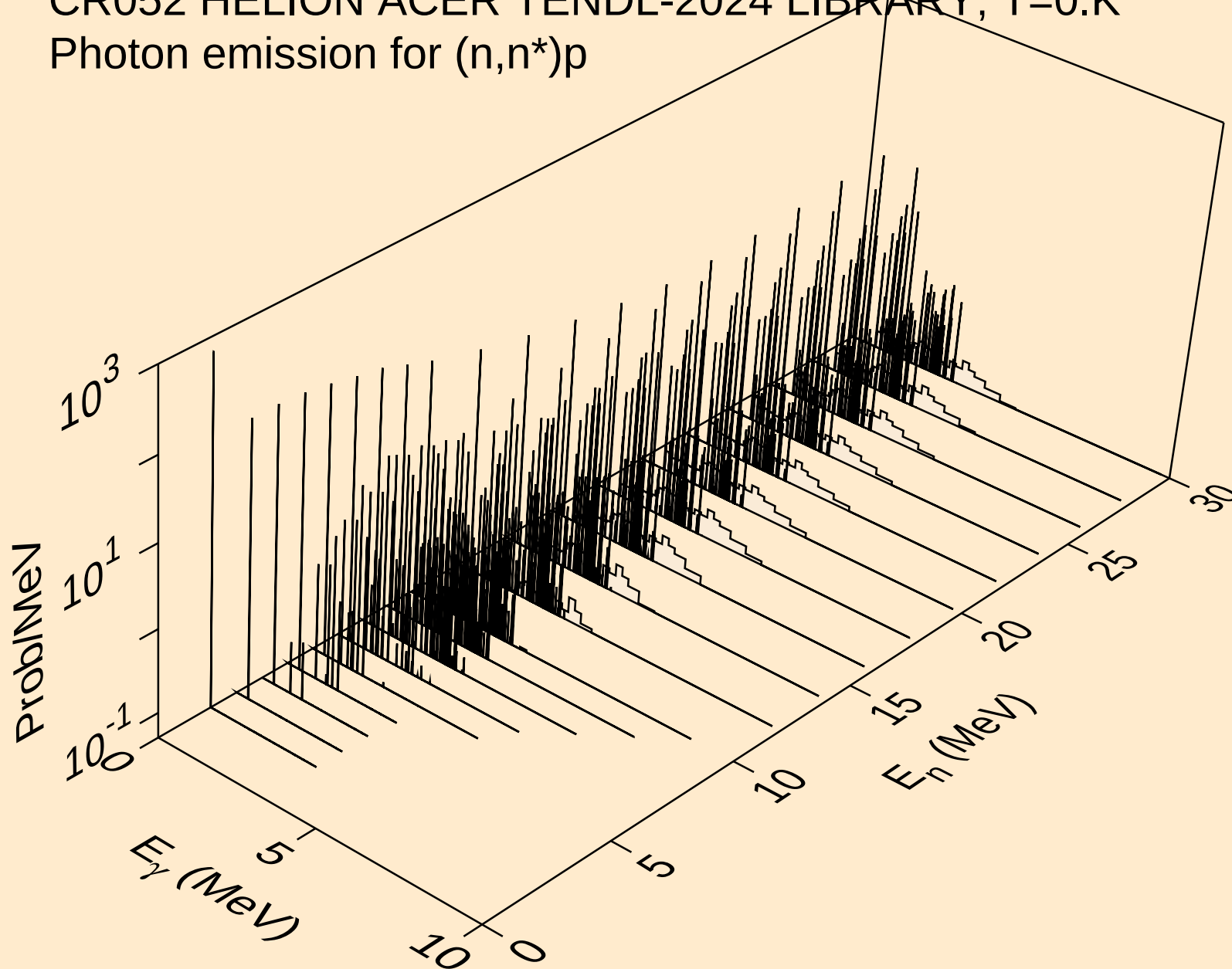
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n)a

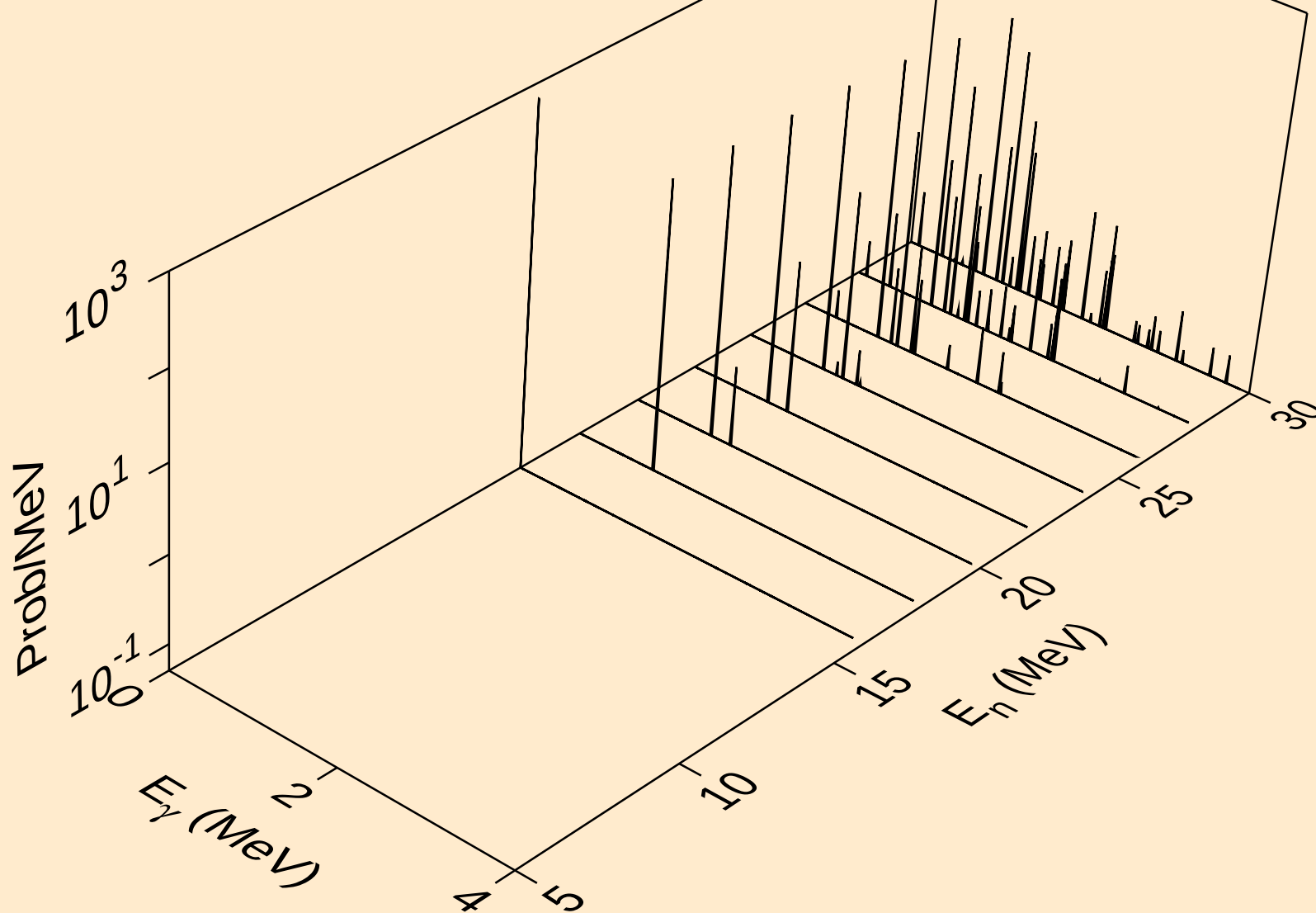




CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

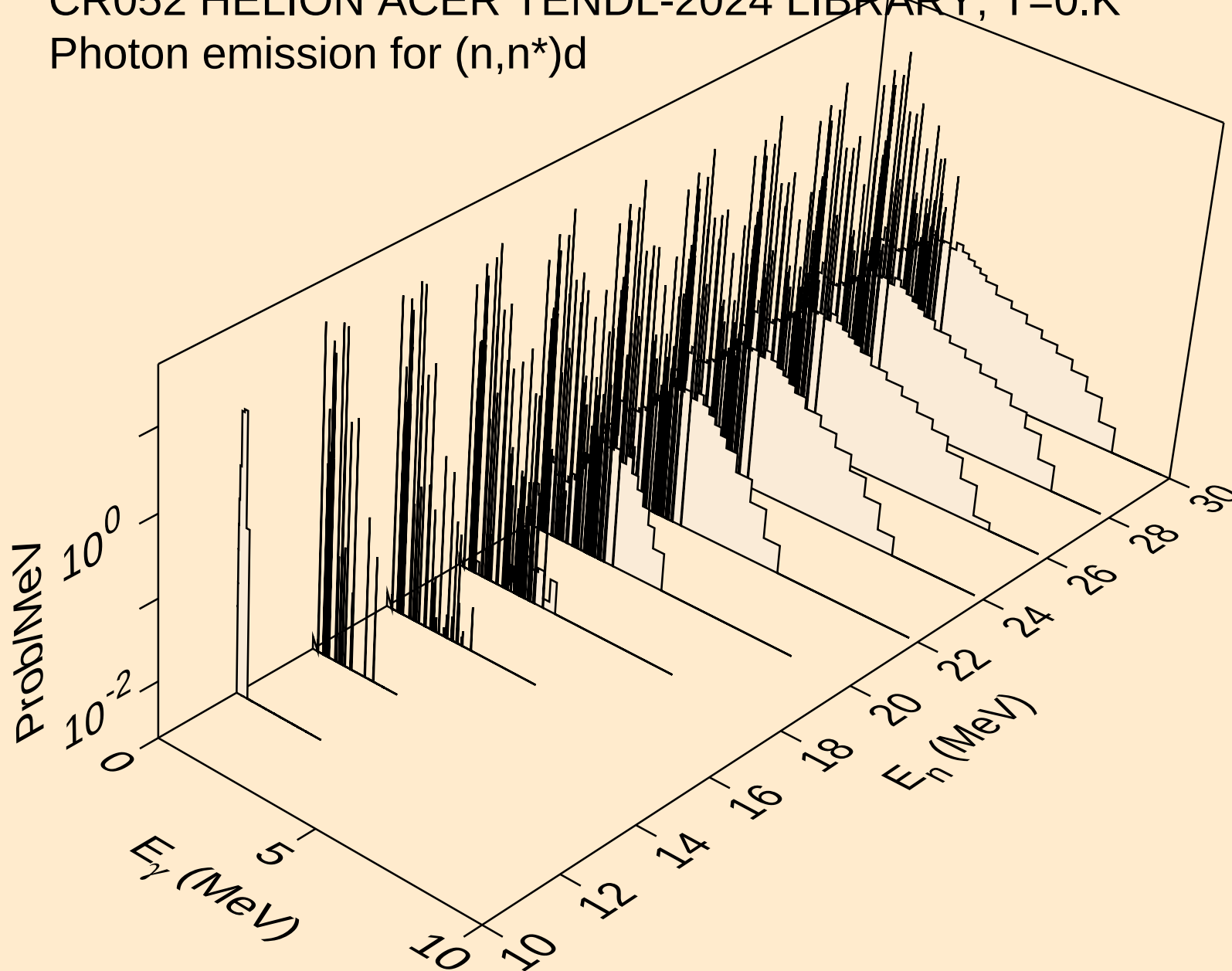


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



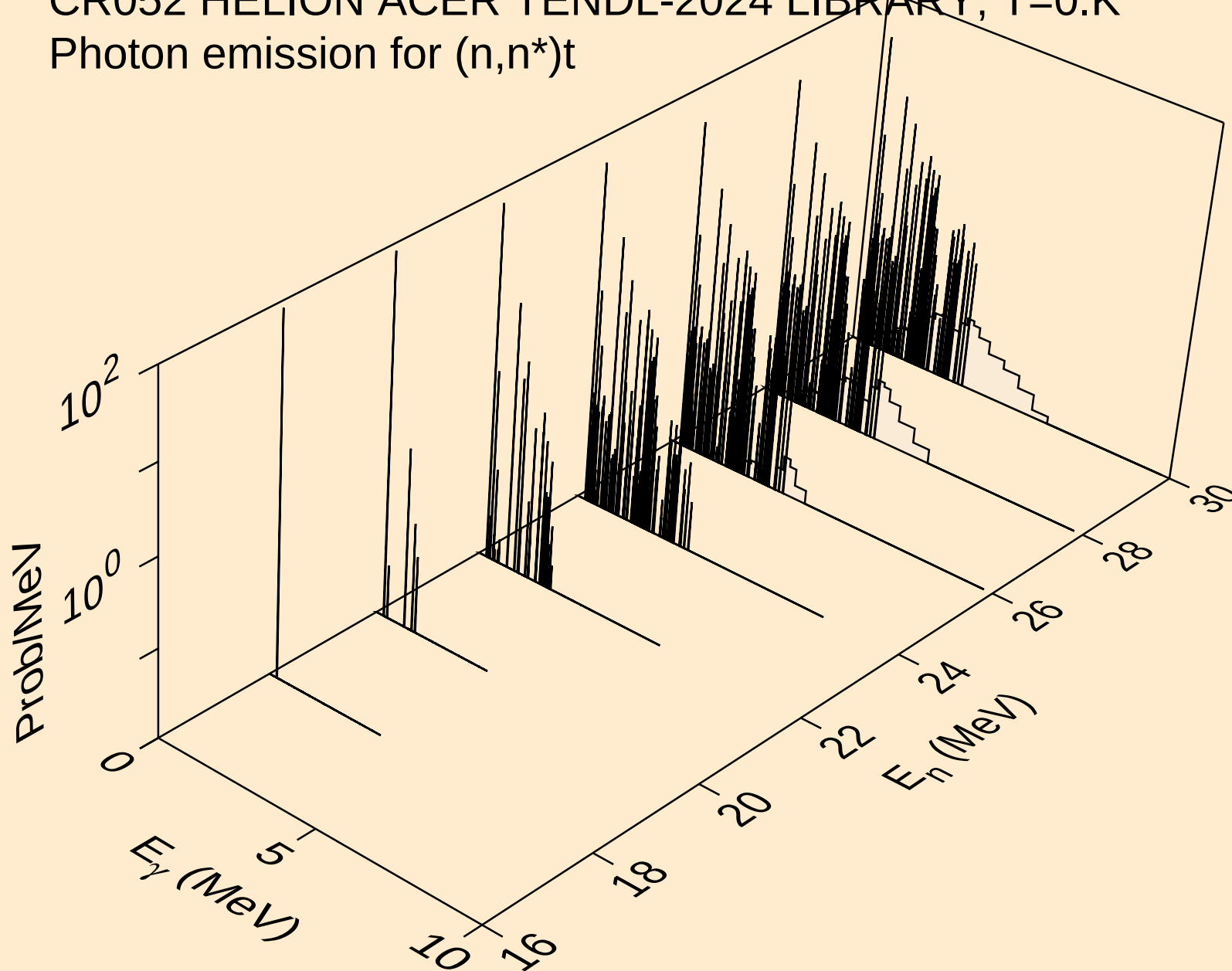
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d

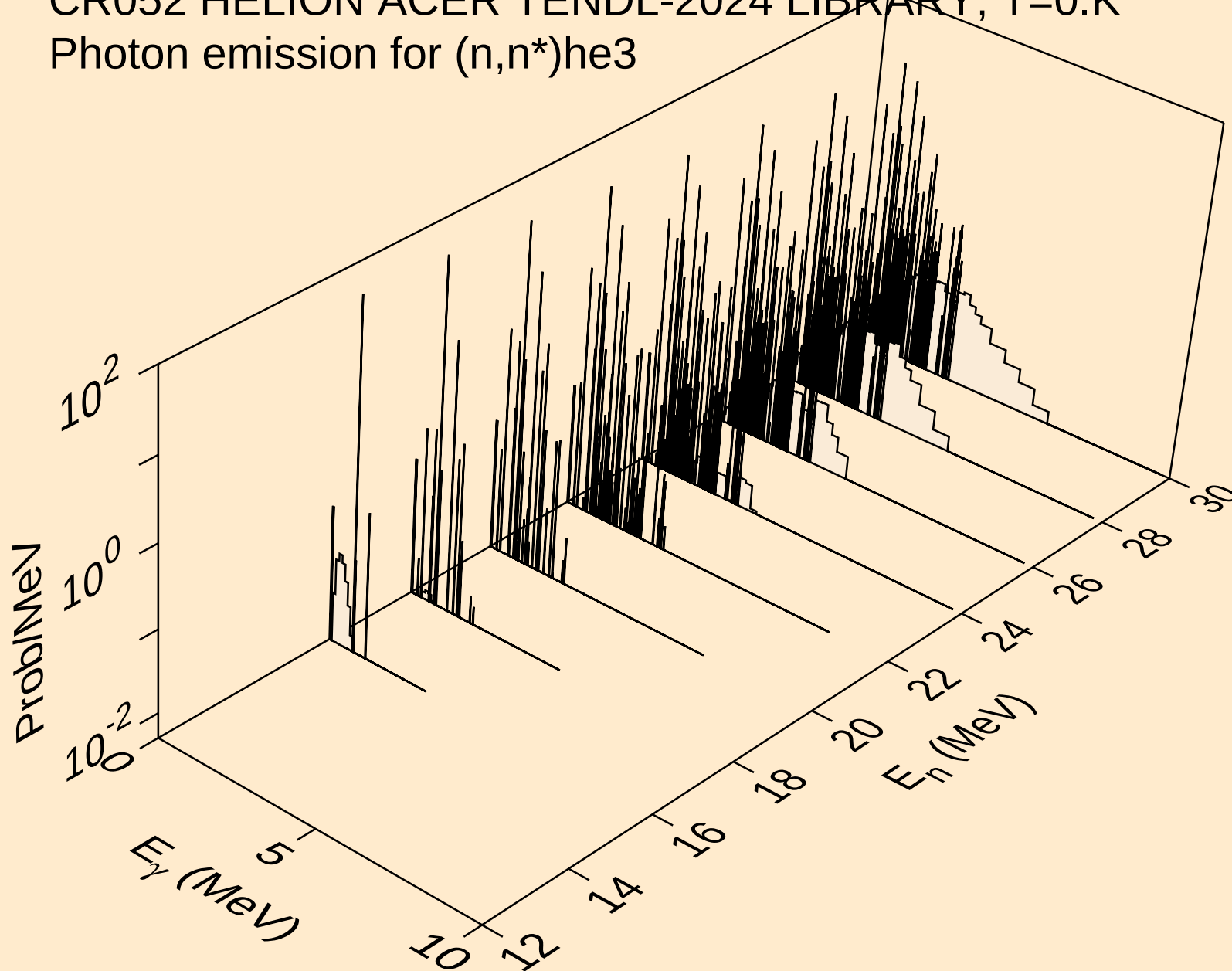


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

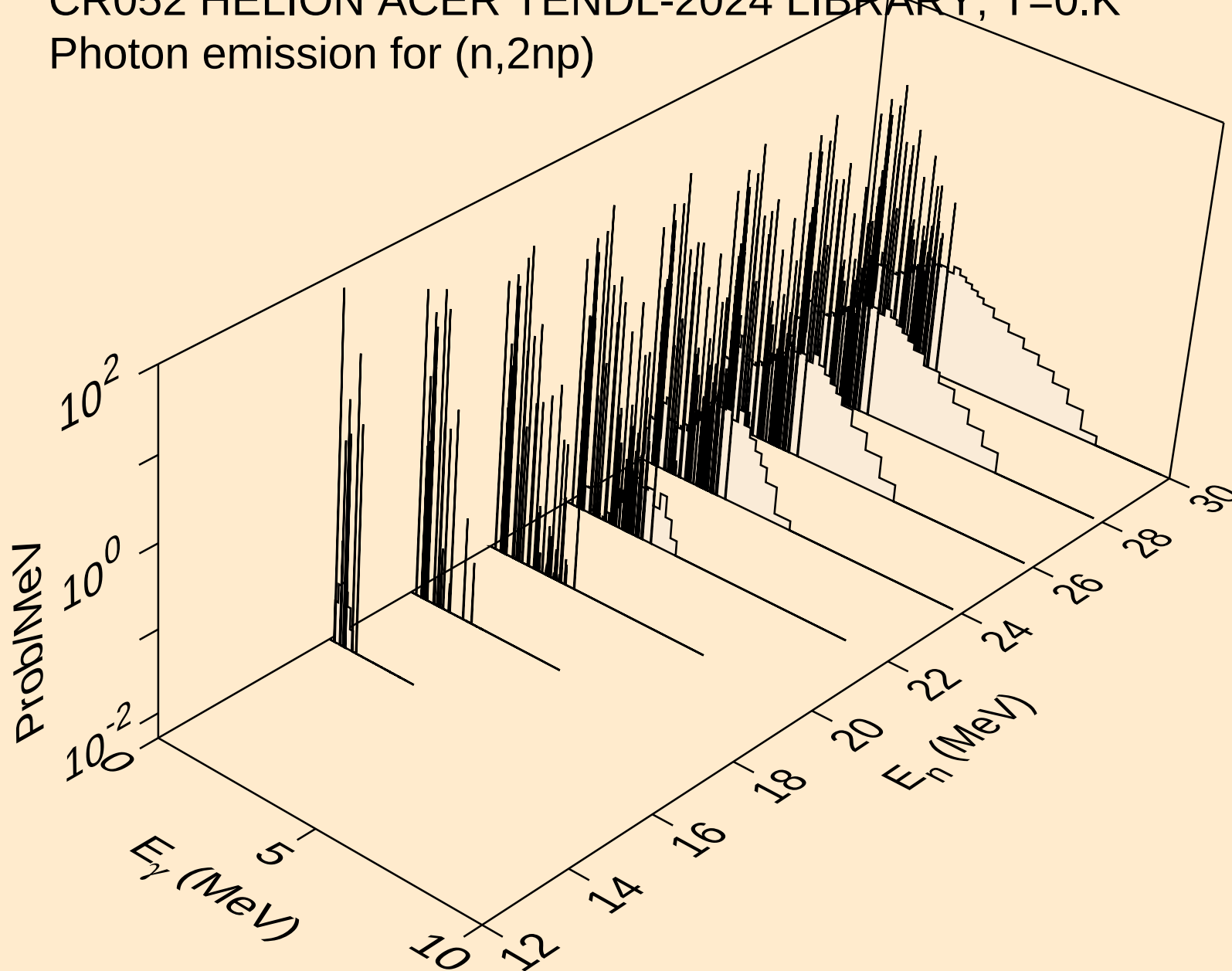
Photon emission for (n,n\*)t



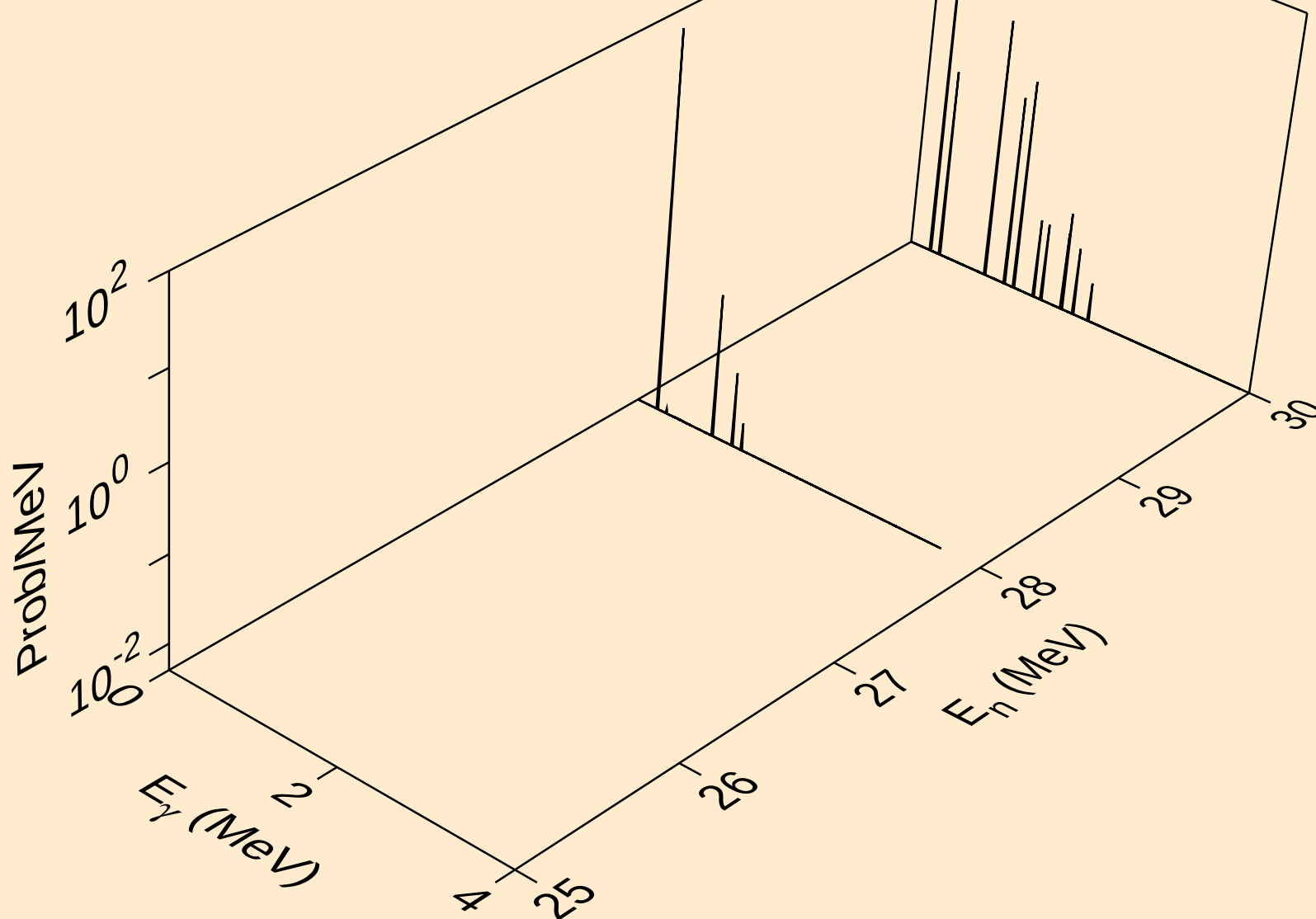
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



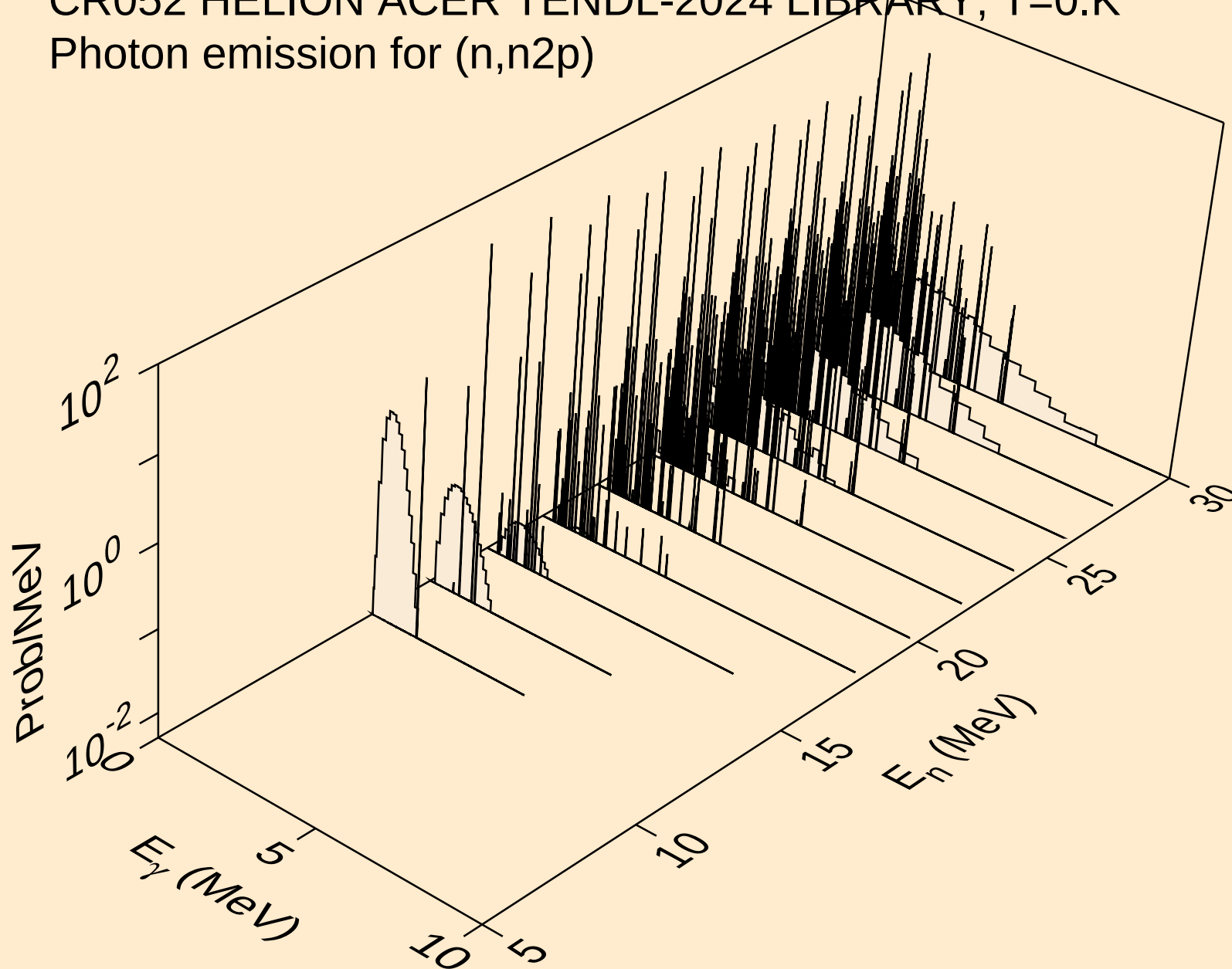
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

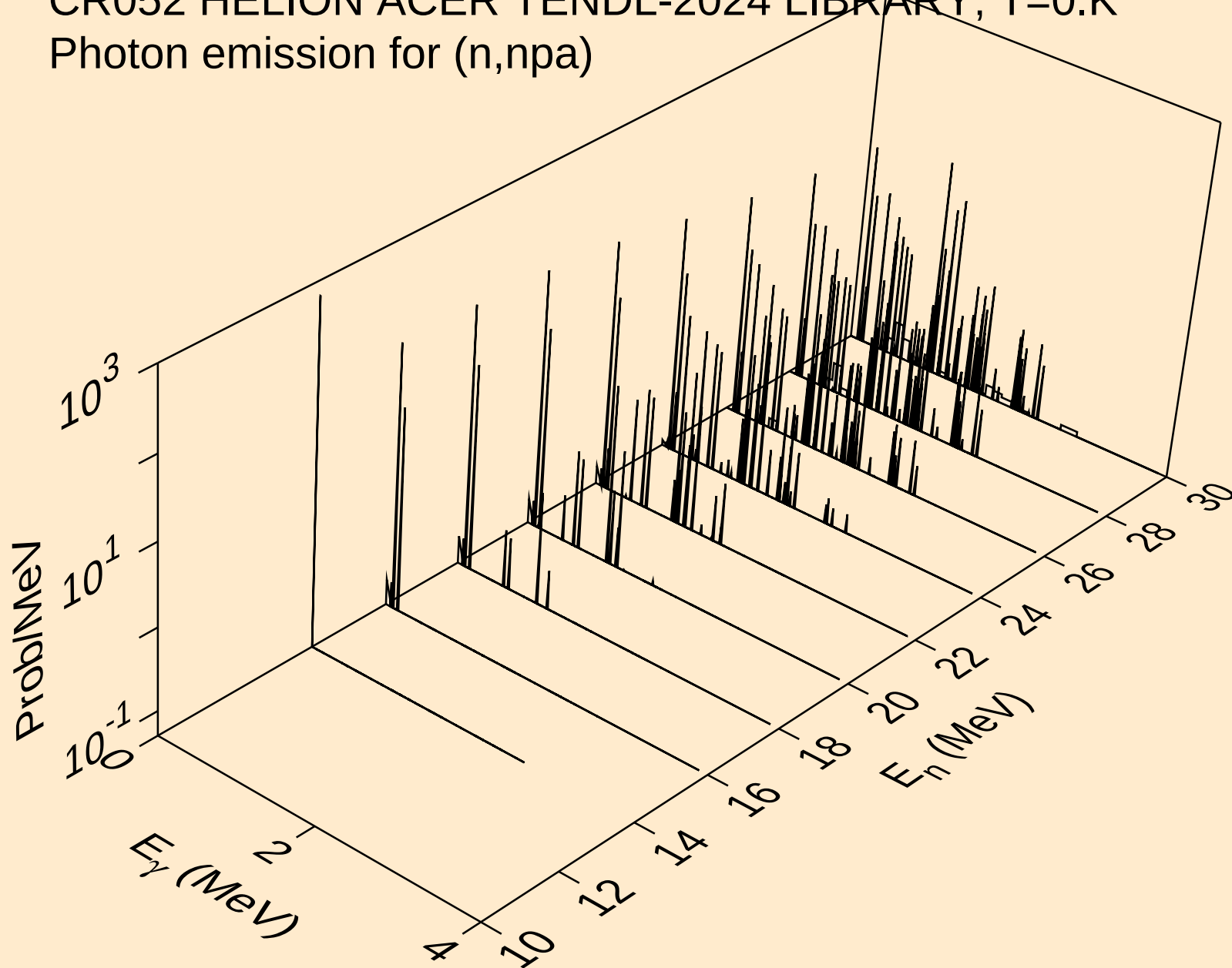


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

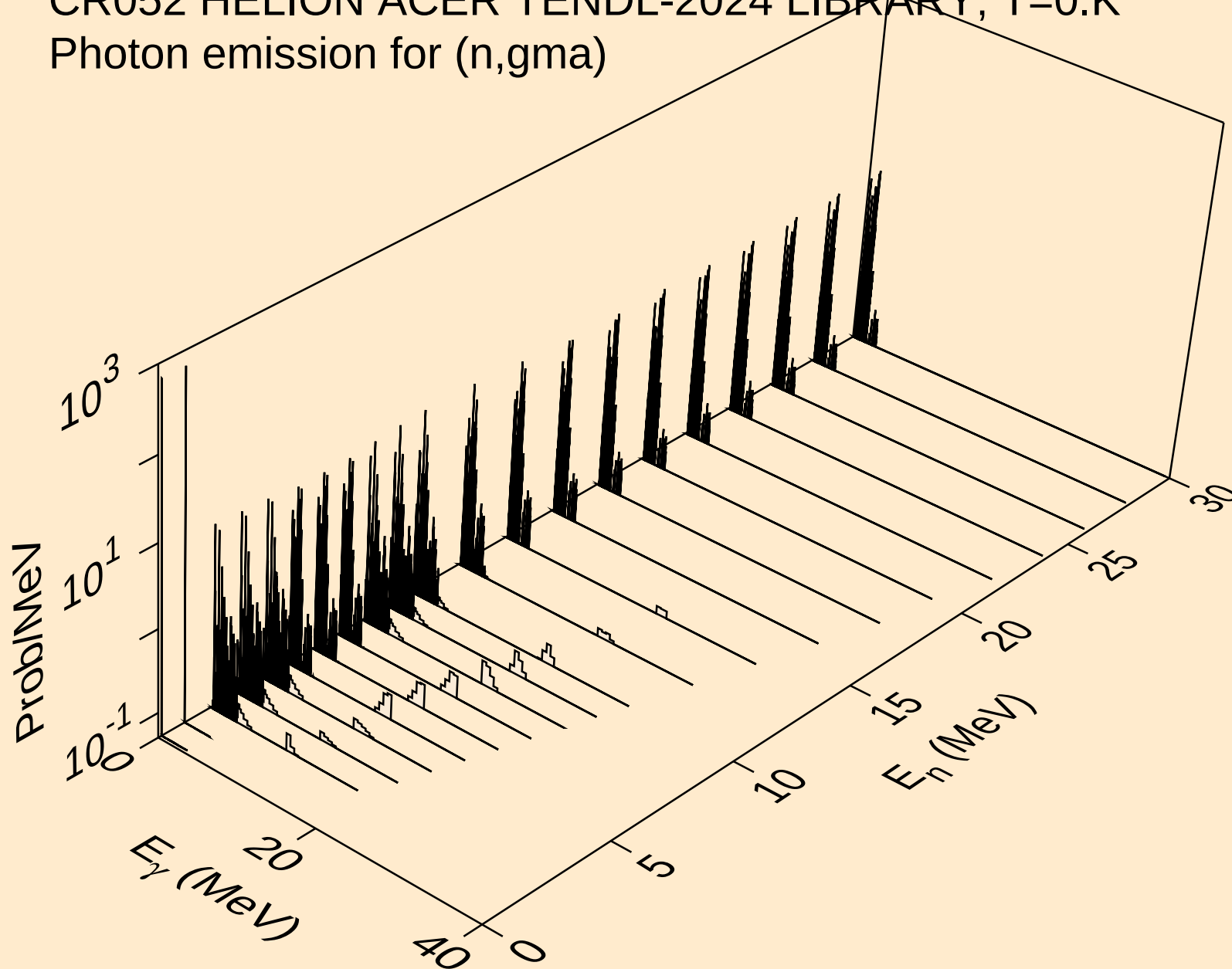




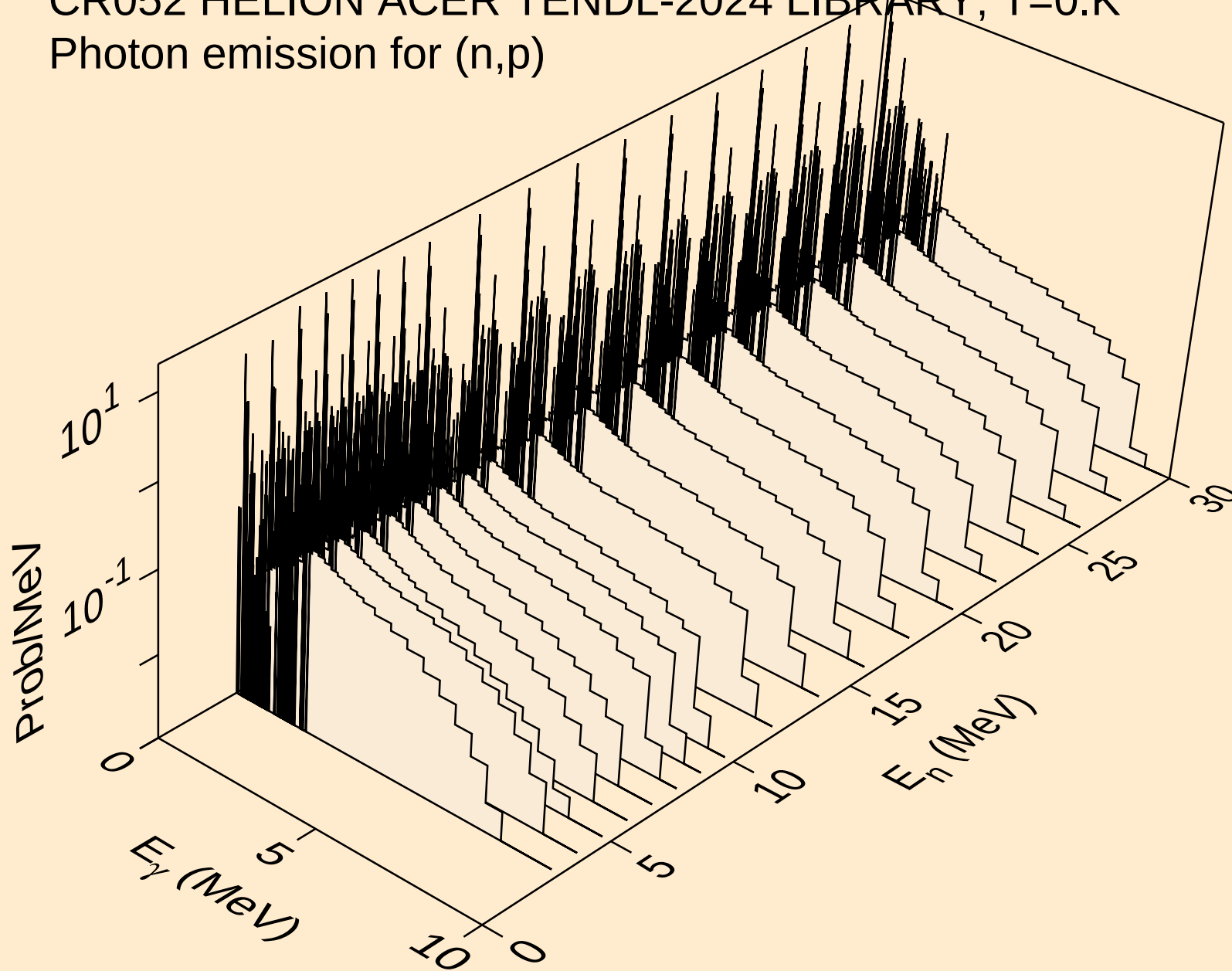
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



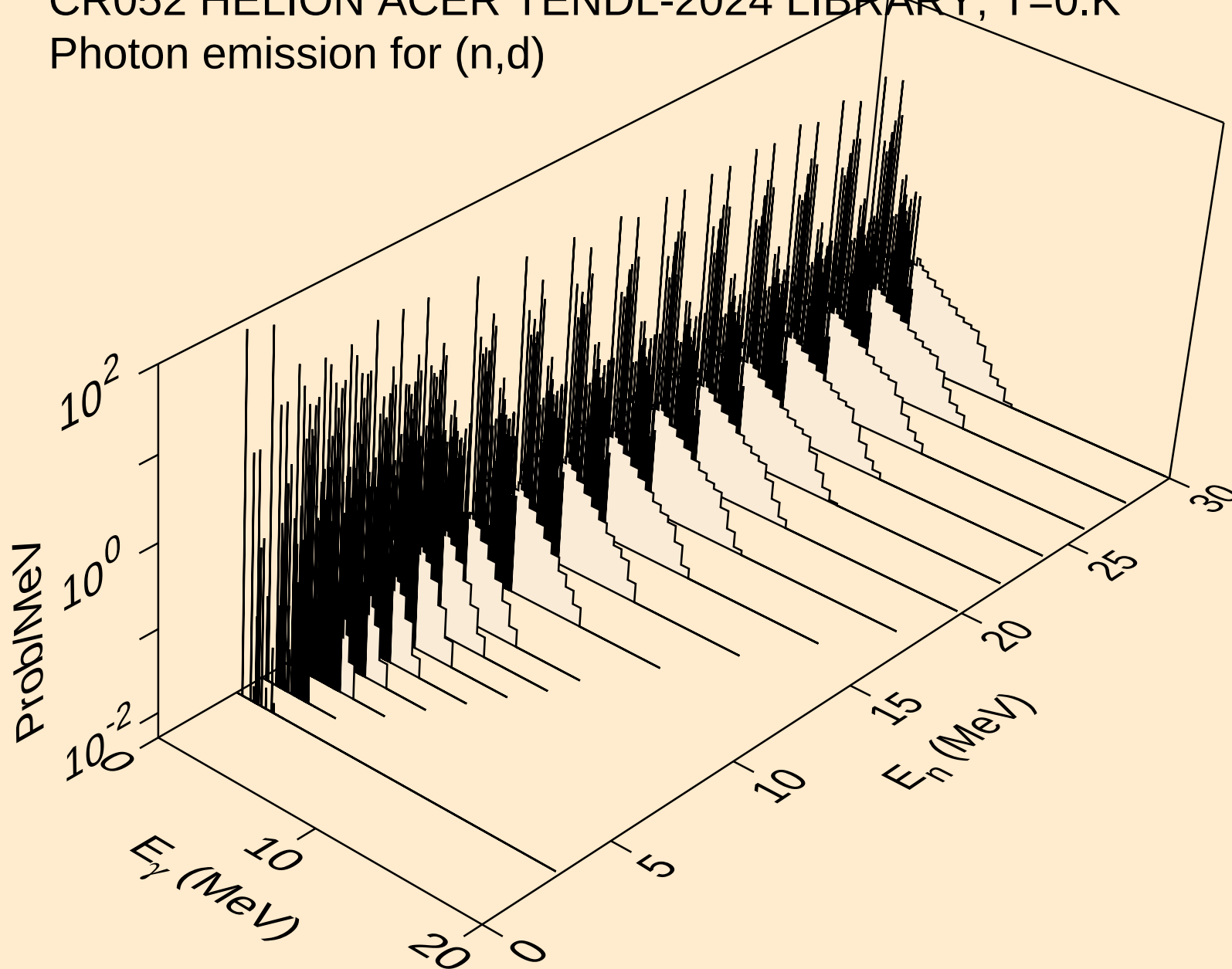
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



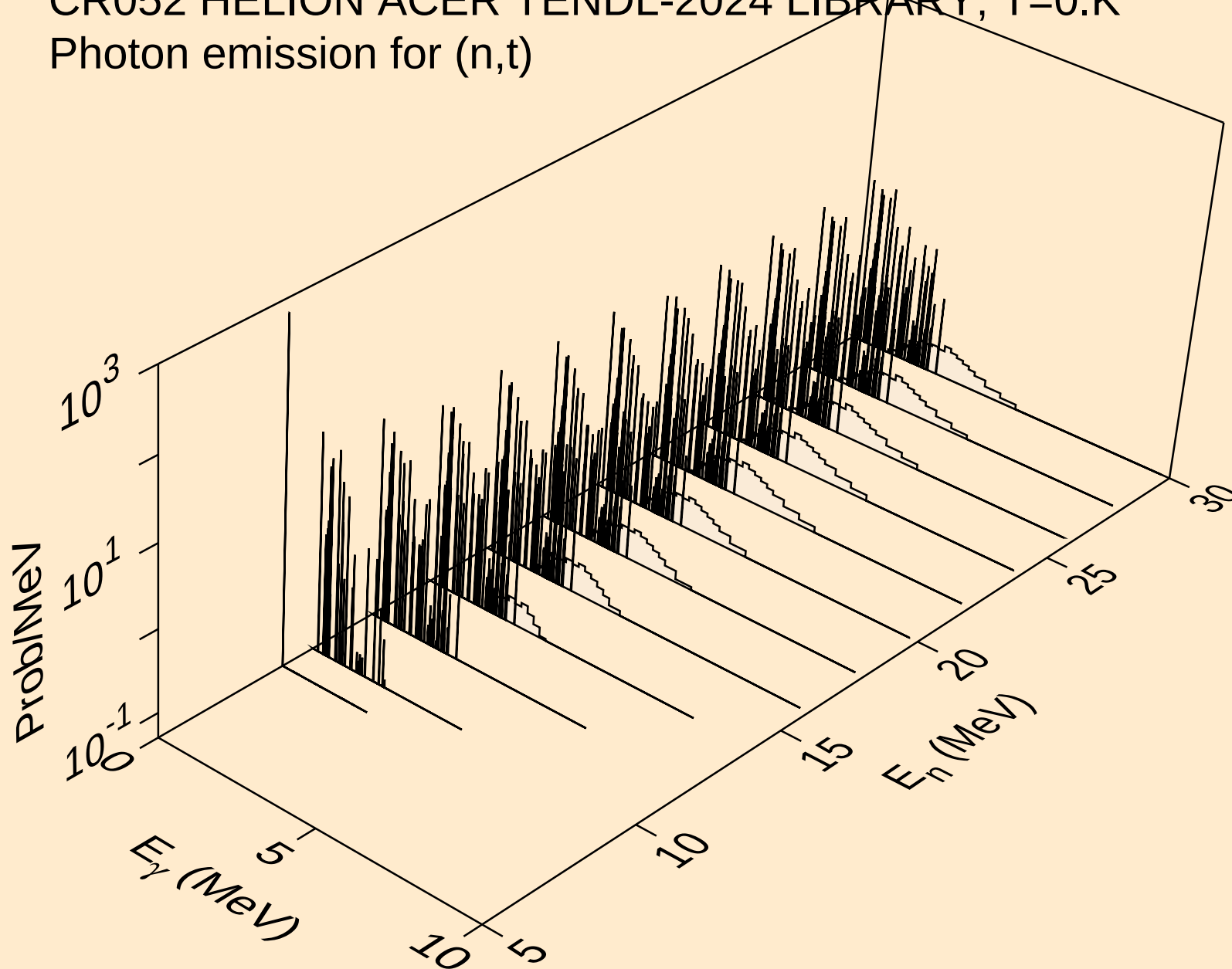
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



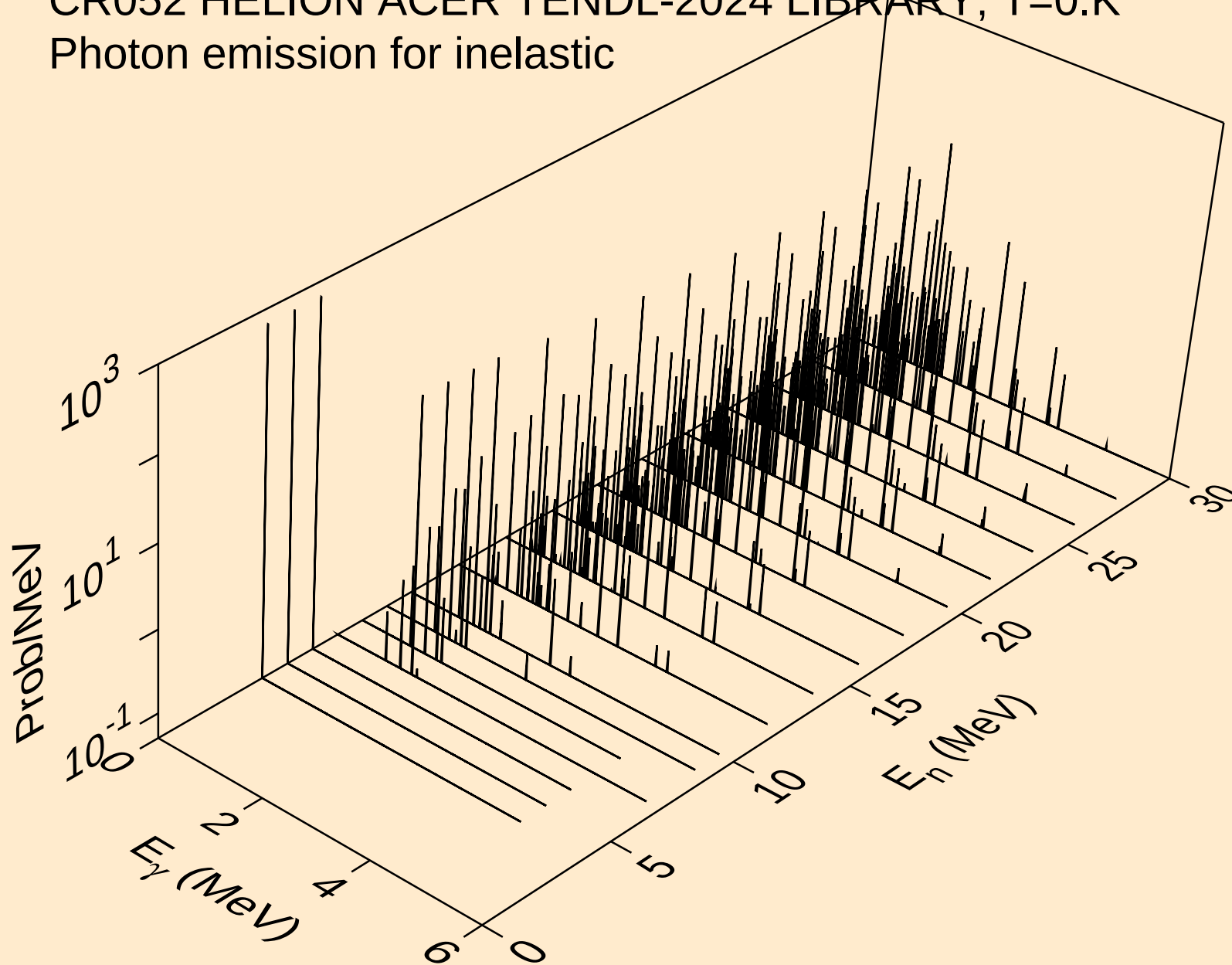
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



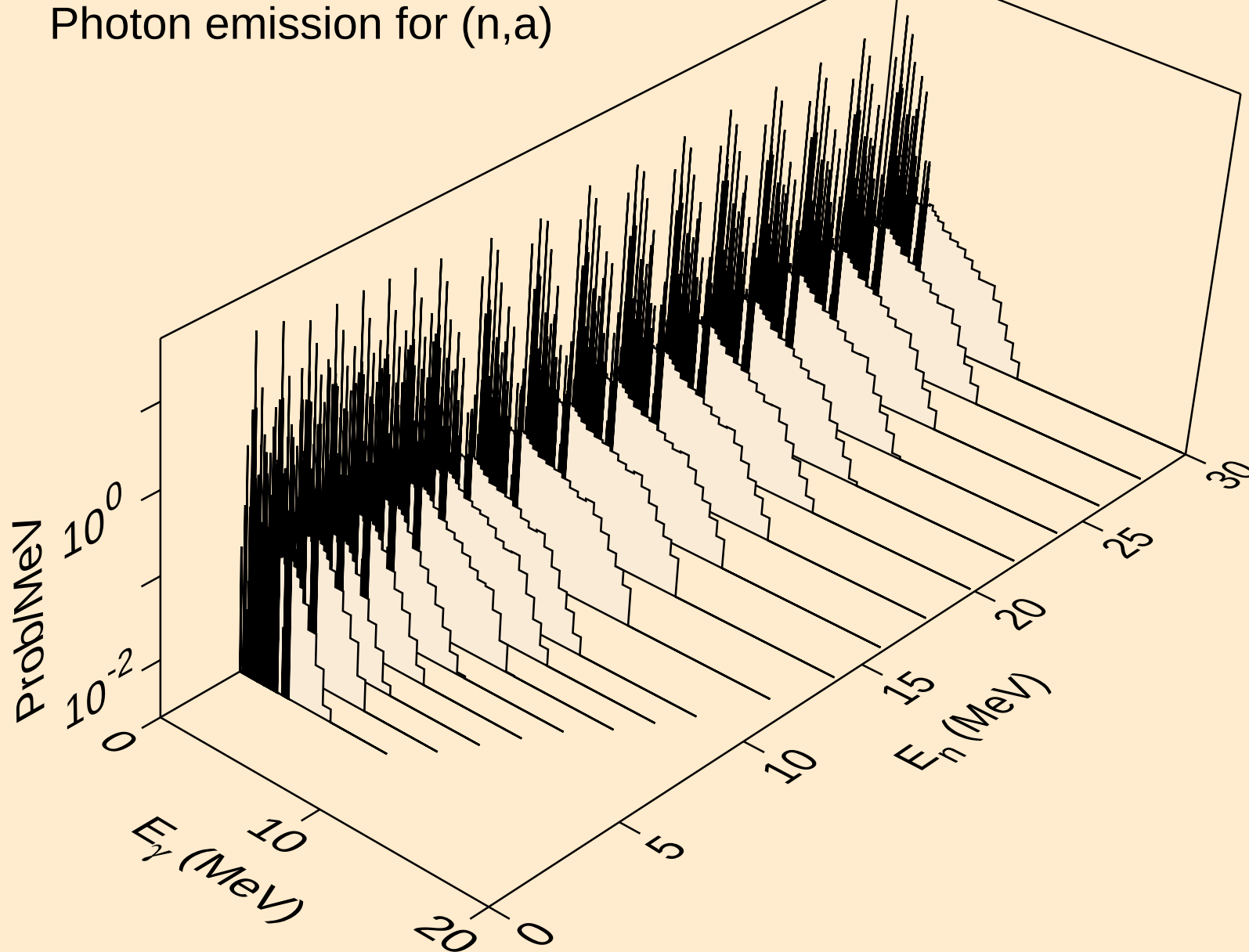
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



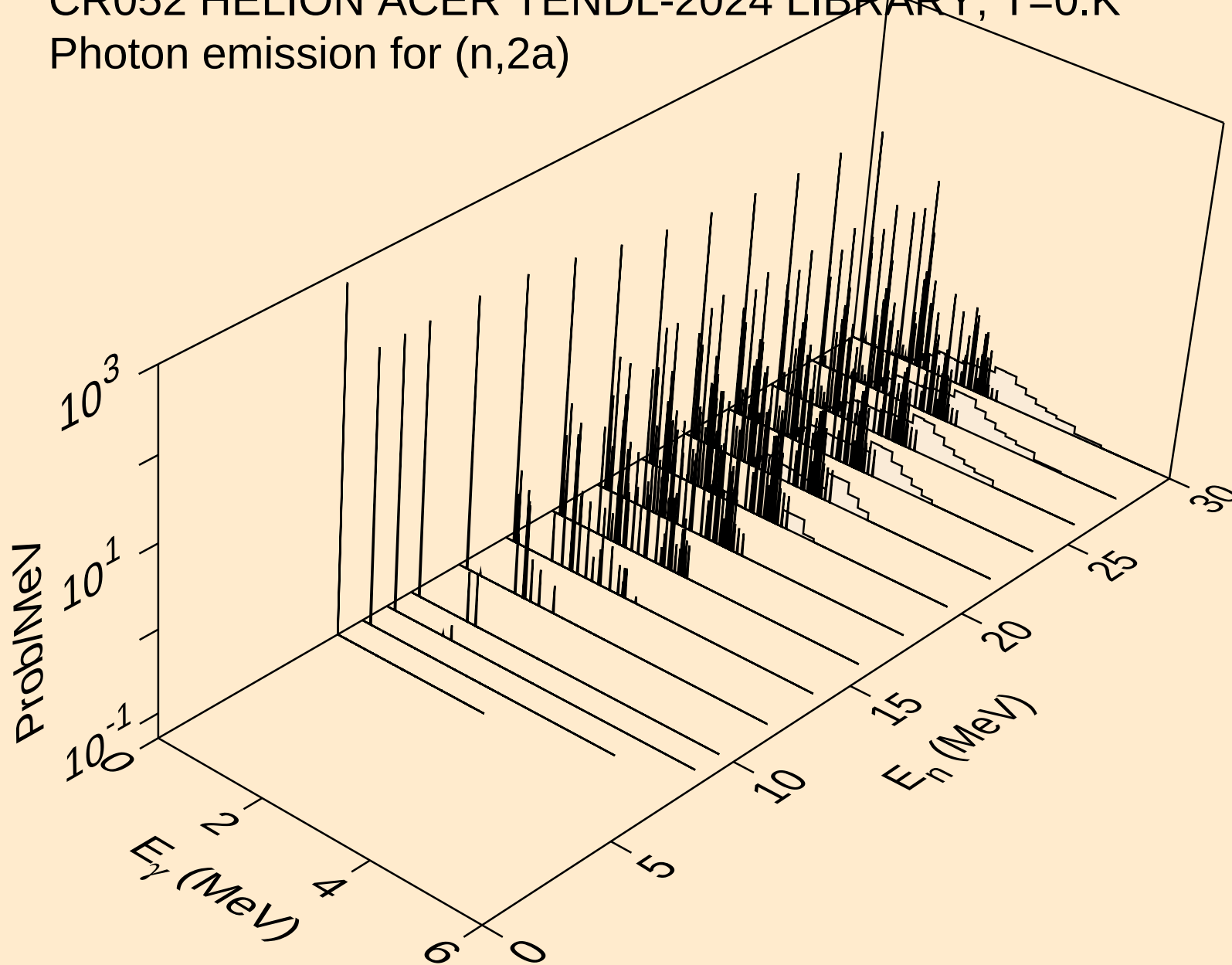
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

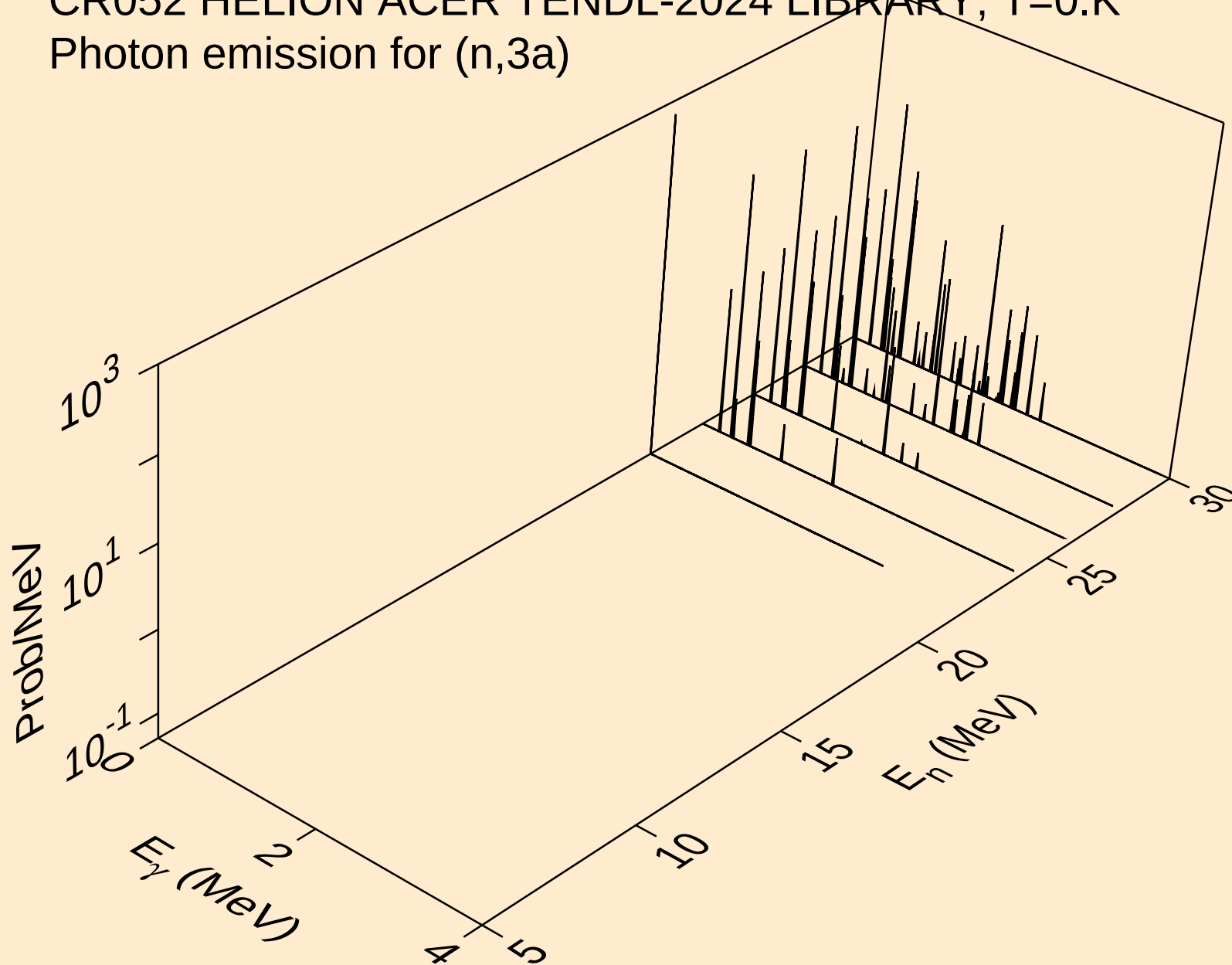


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

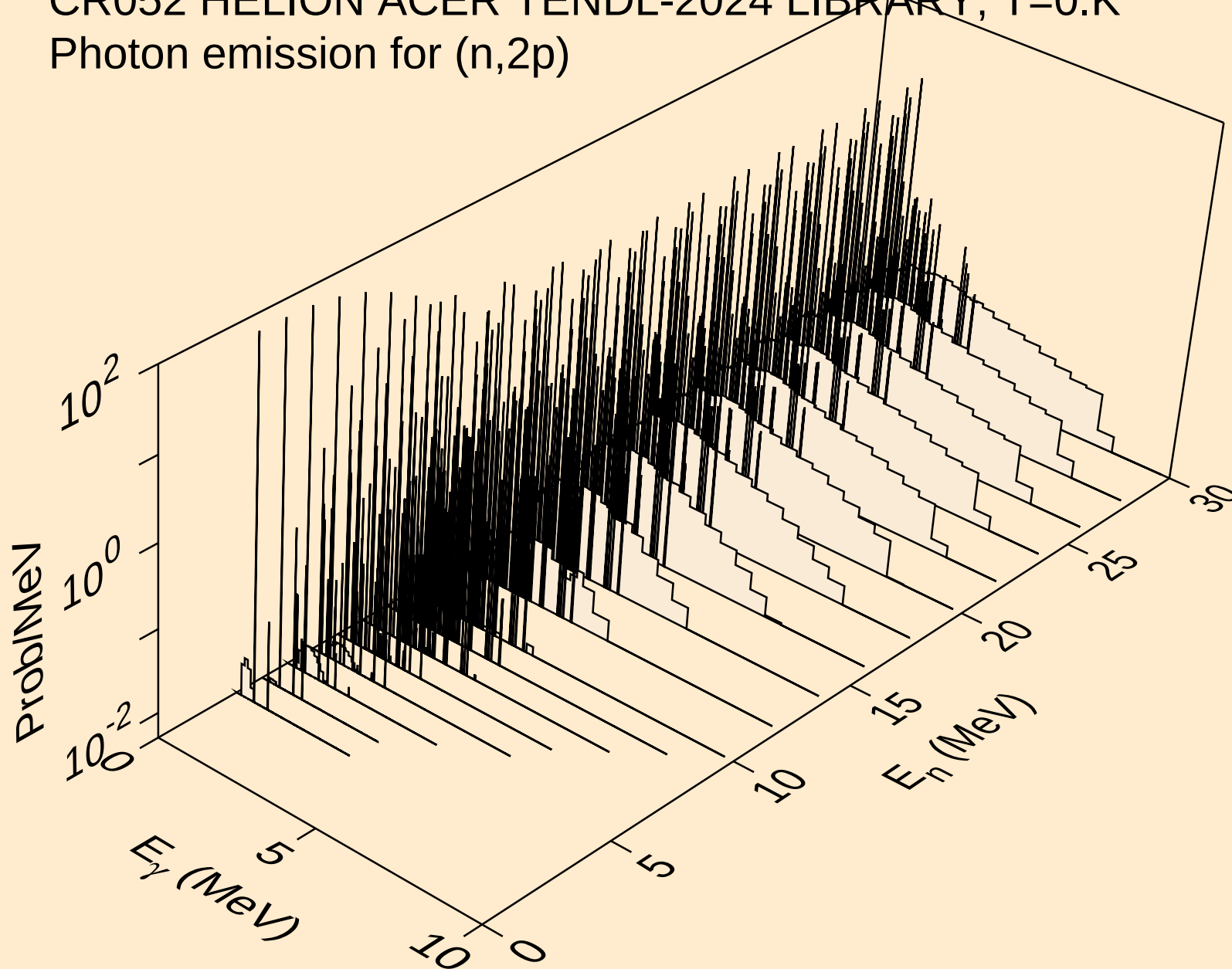




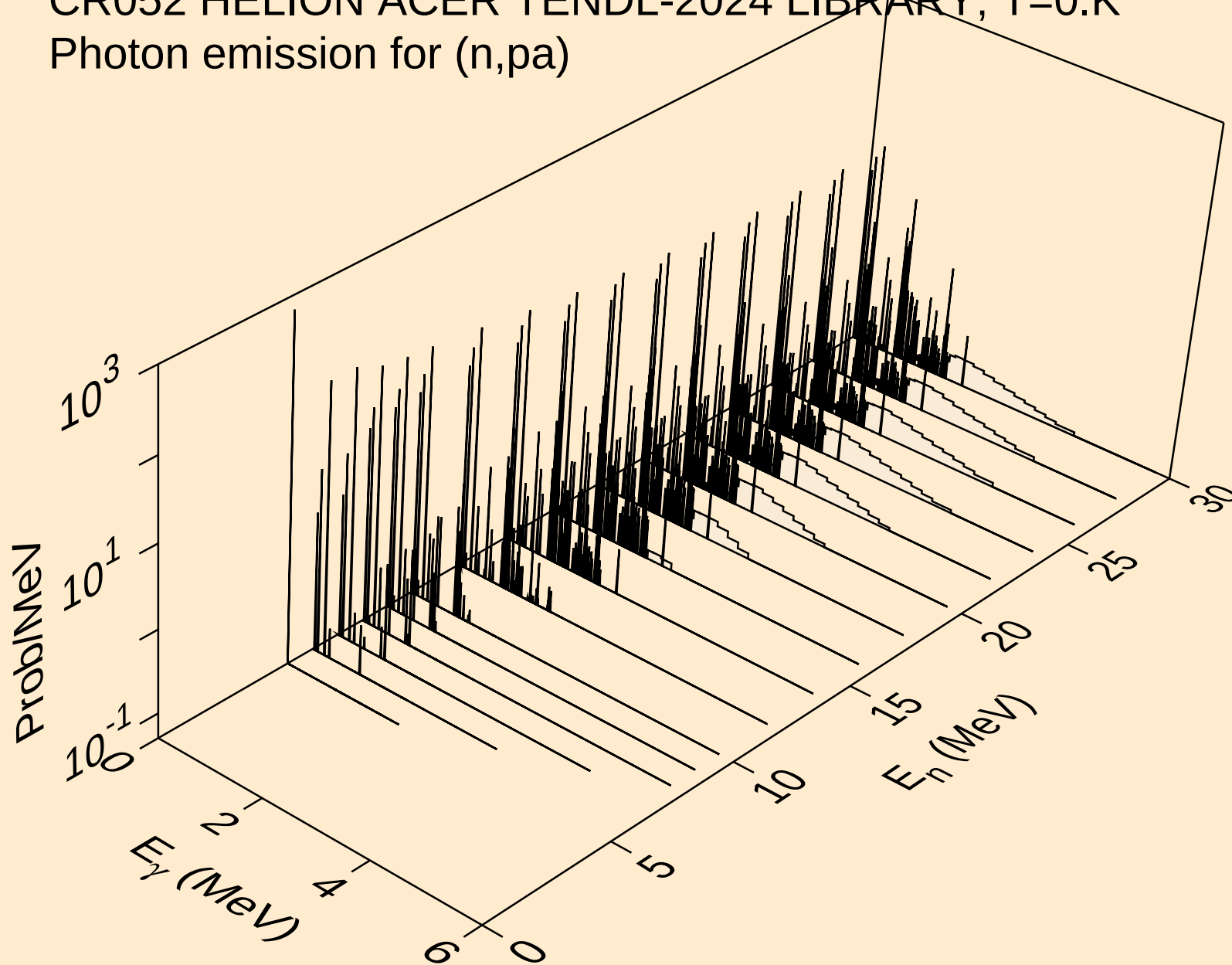
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



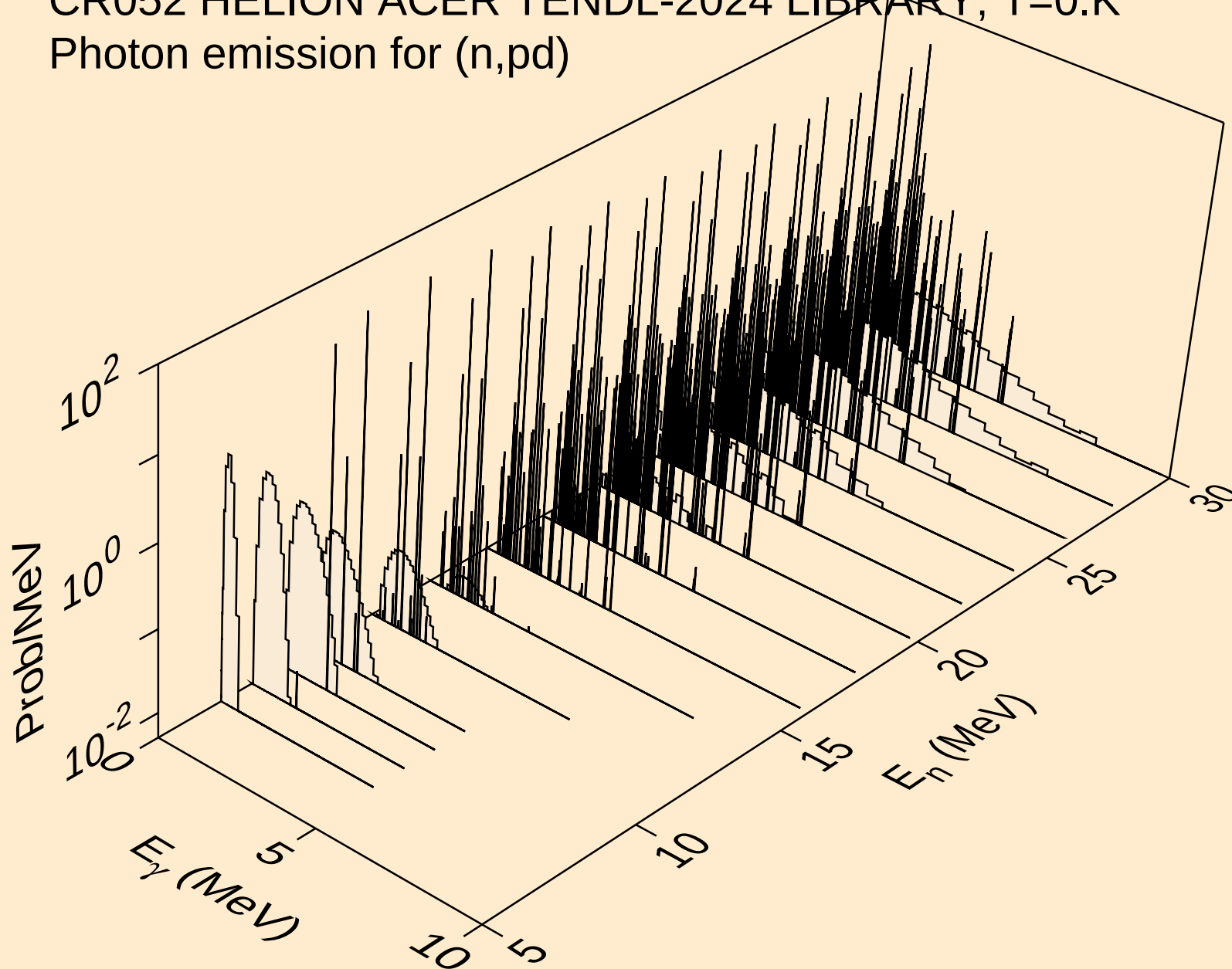
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



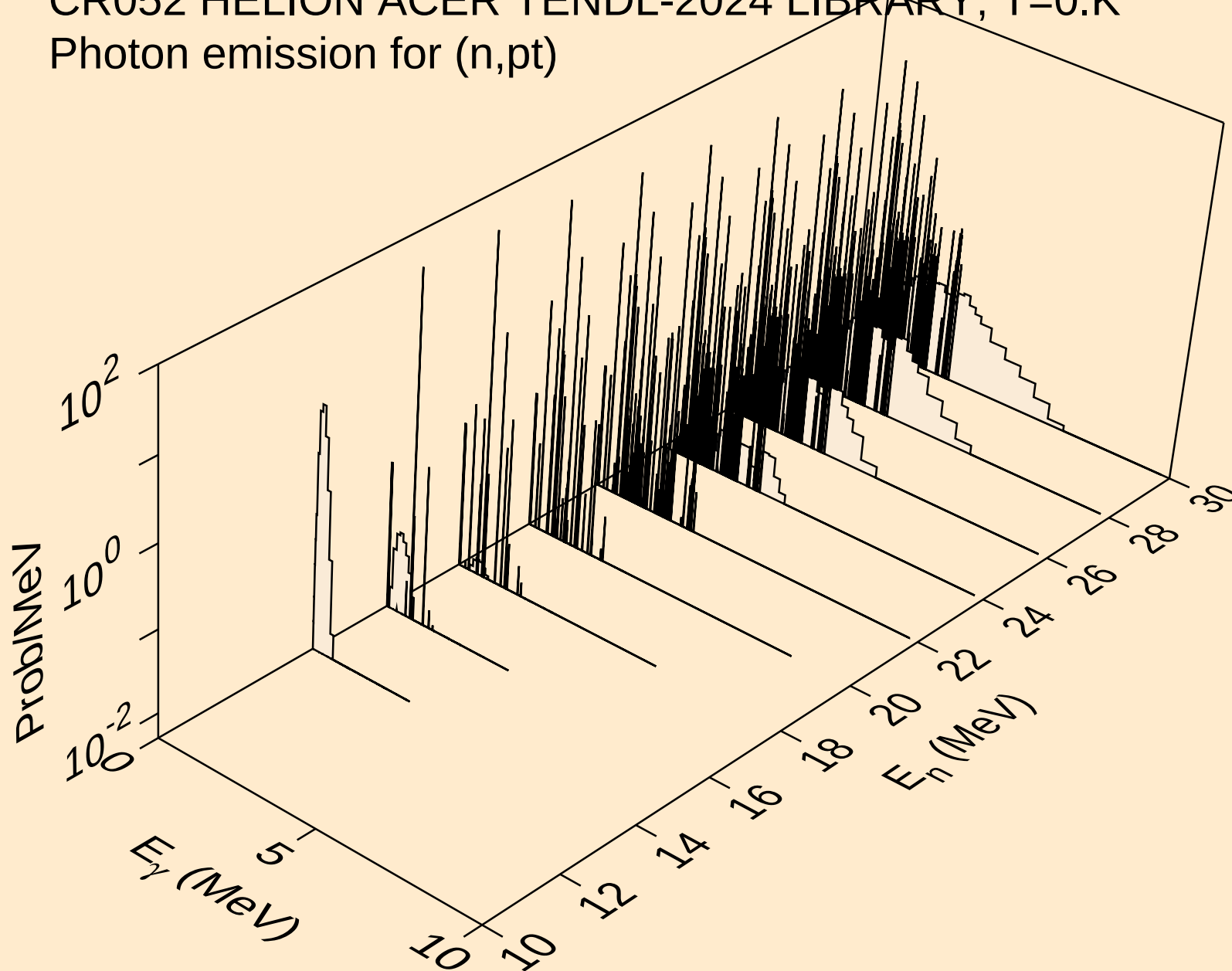
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



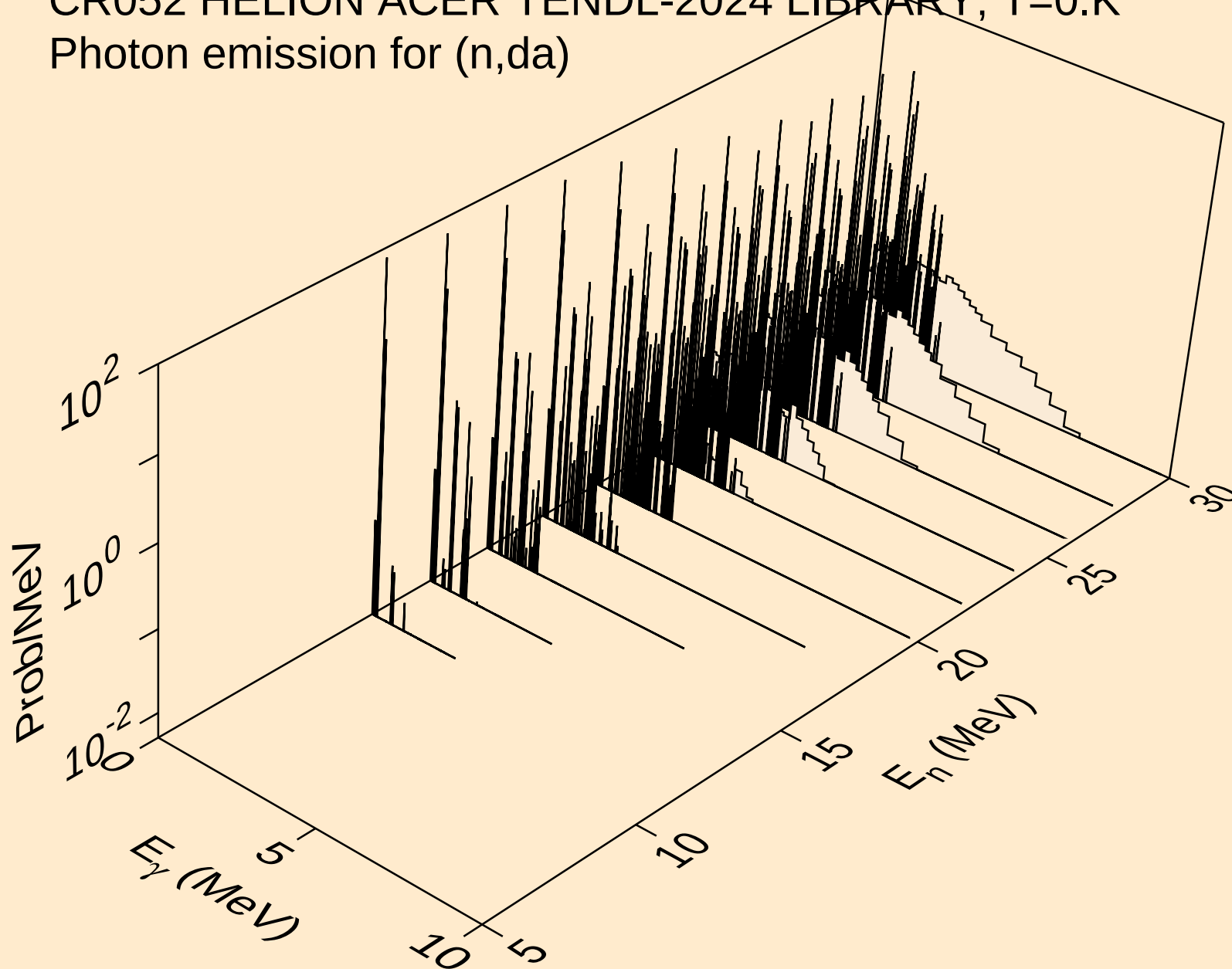
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

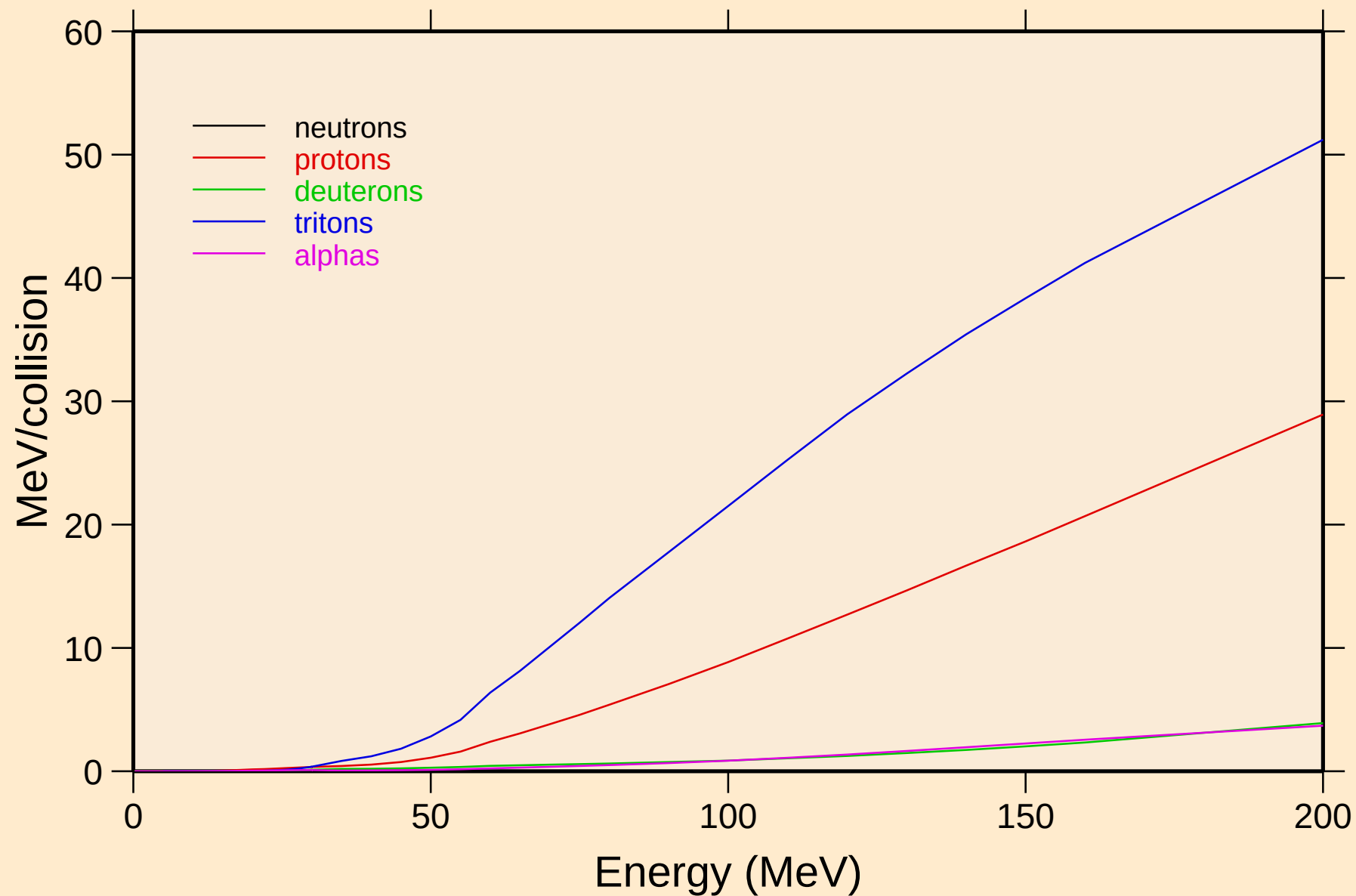


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



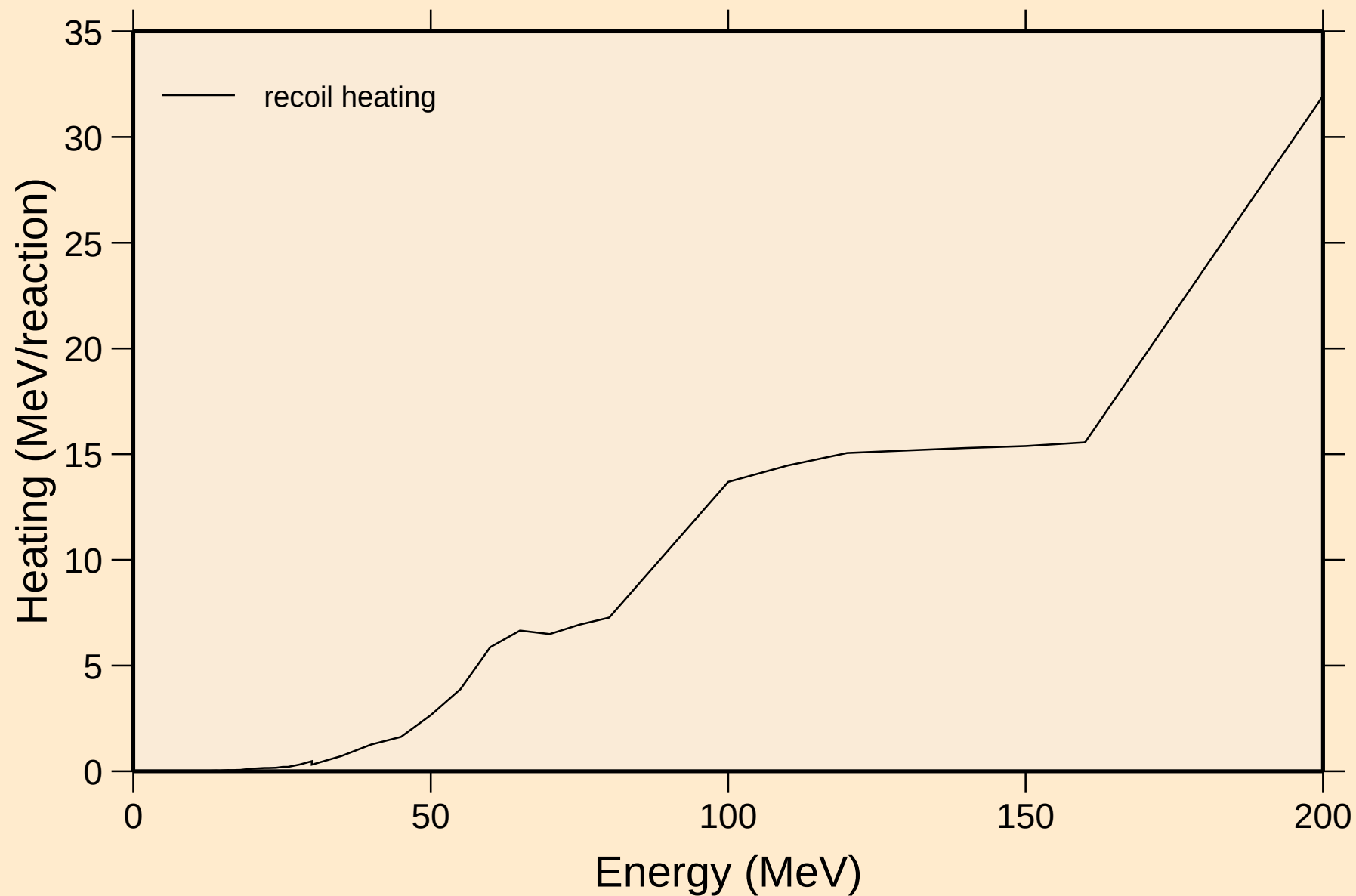
# CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

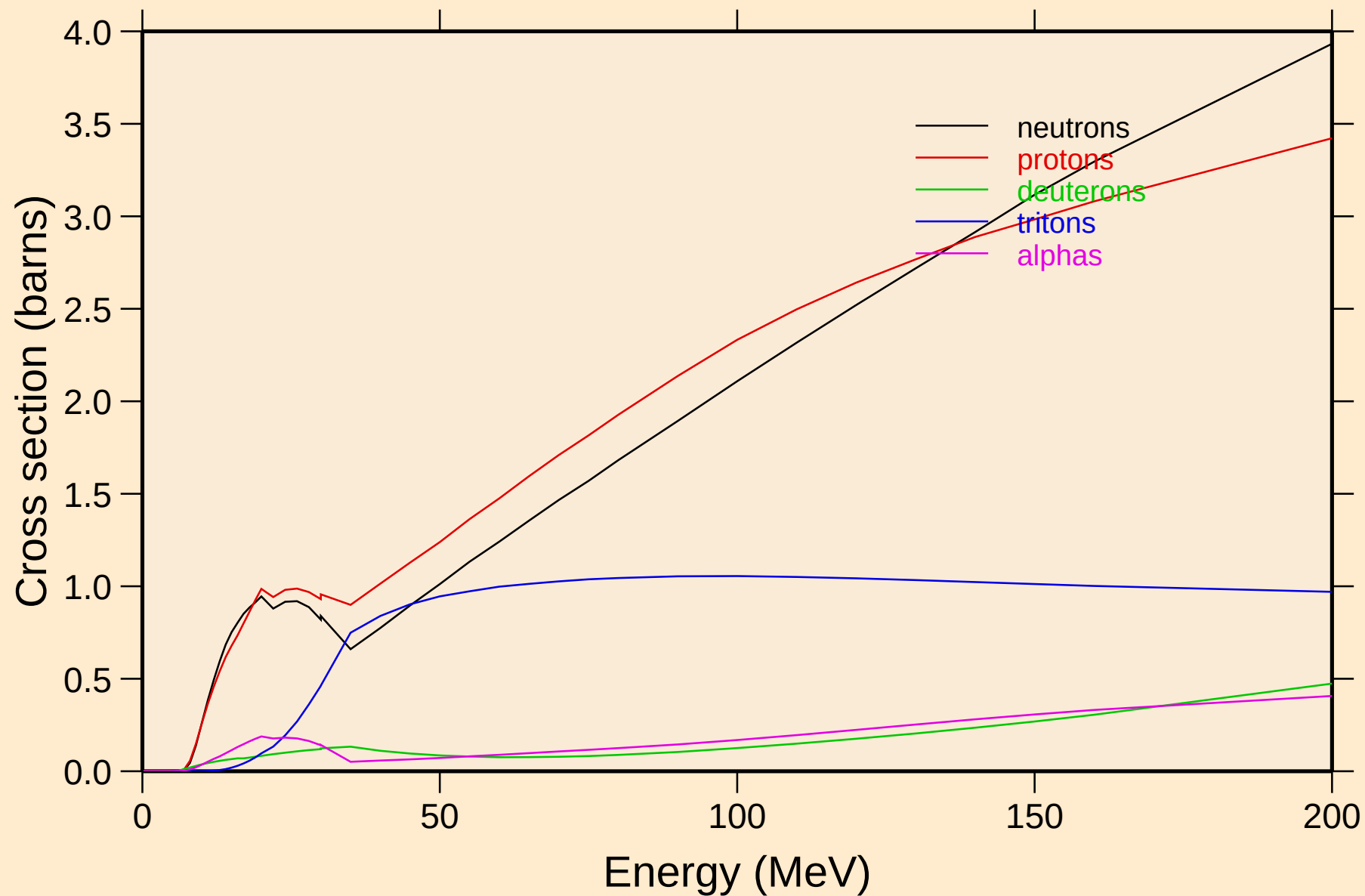
Recoil Heating



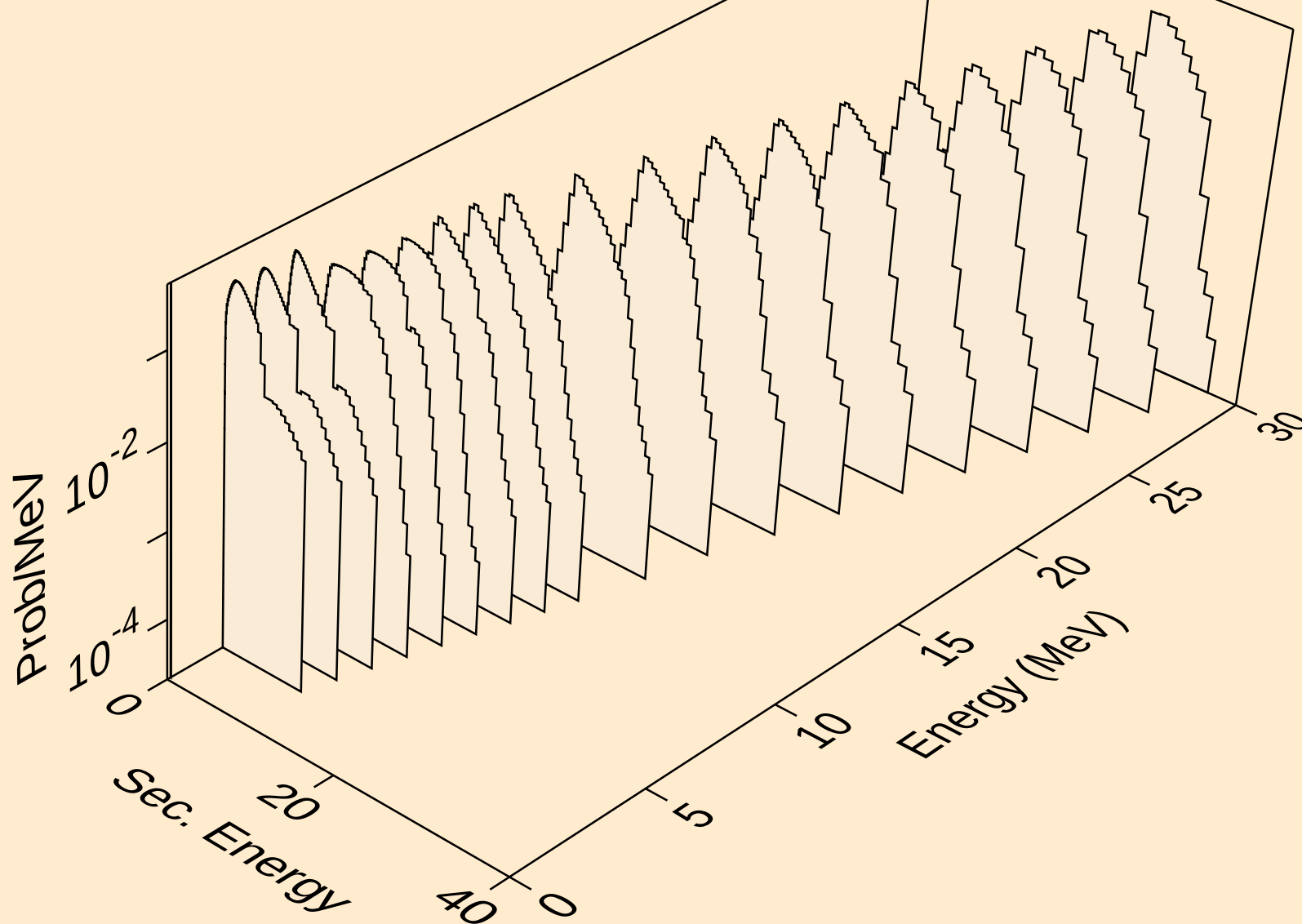


# CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K

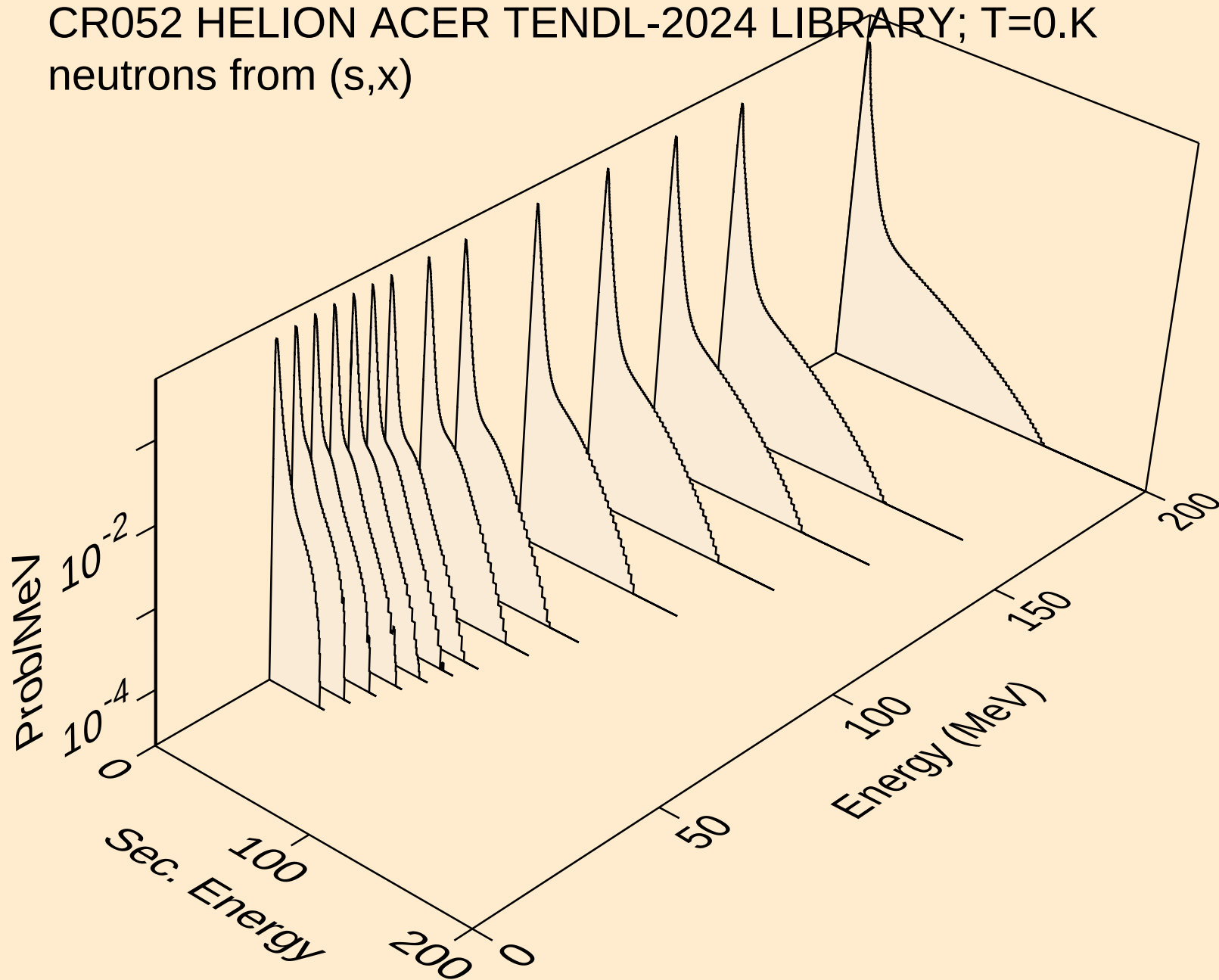
## Particle production cross sections



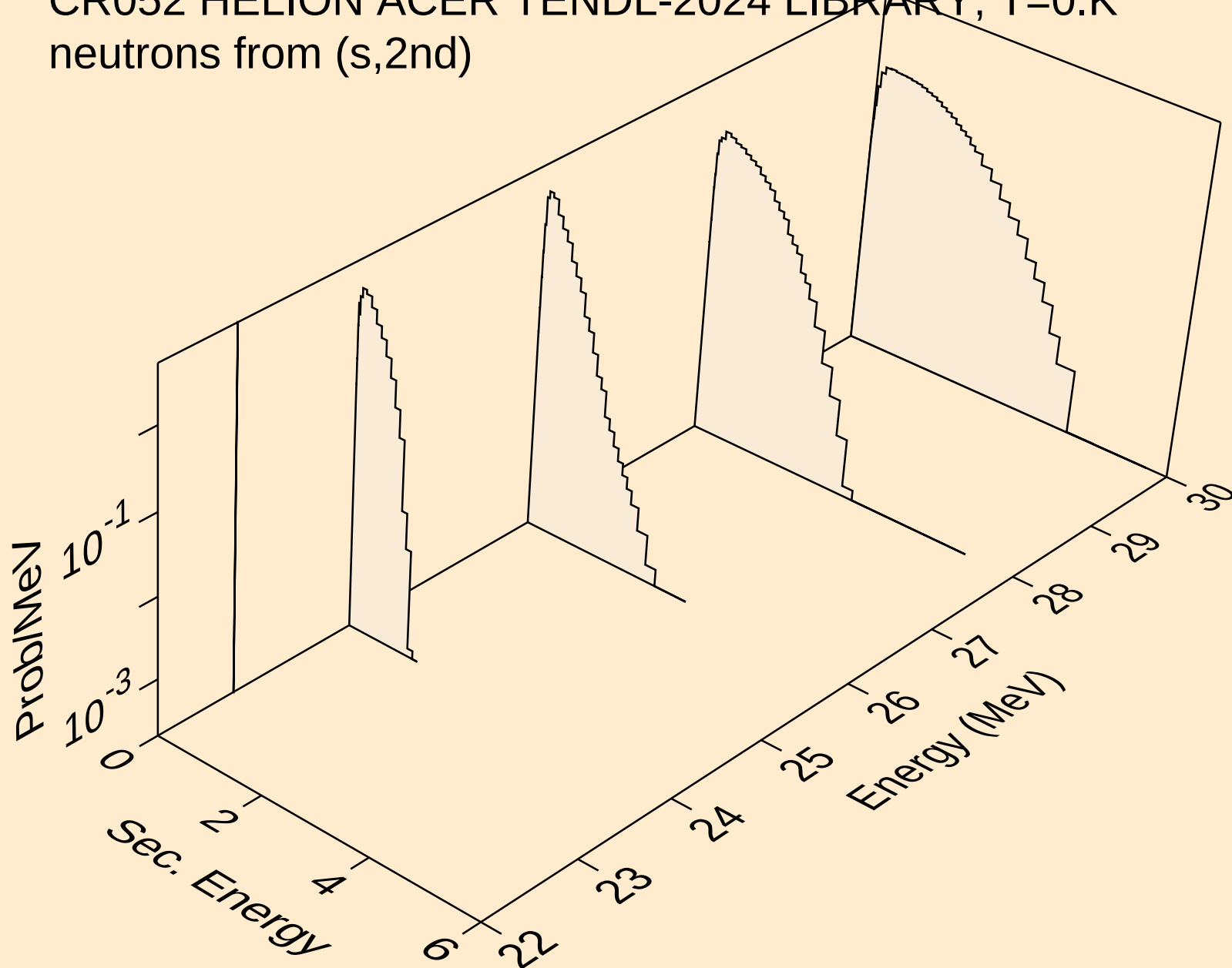
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



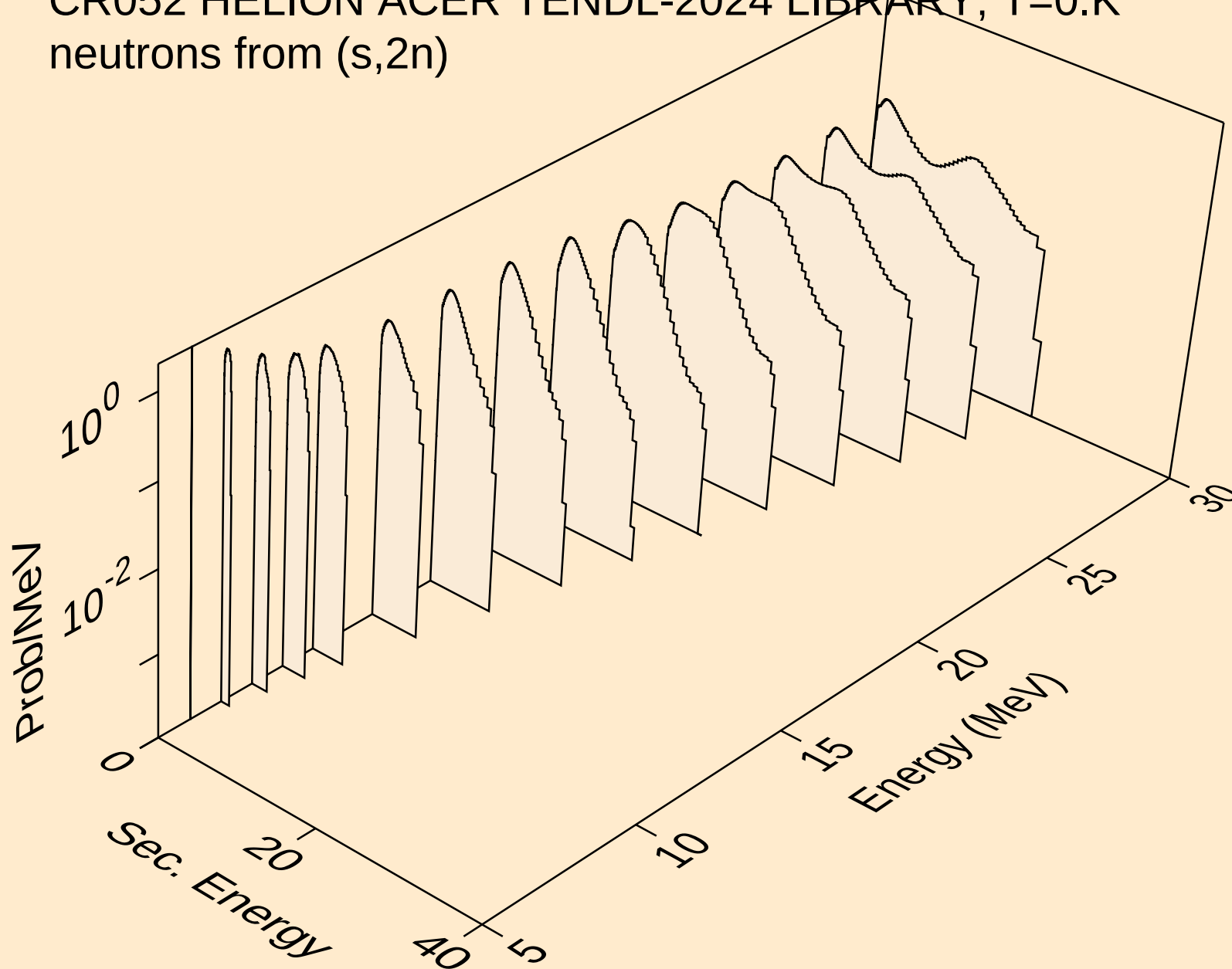
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



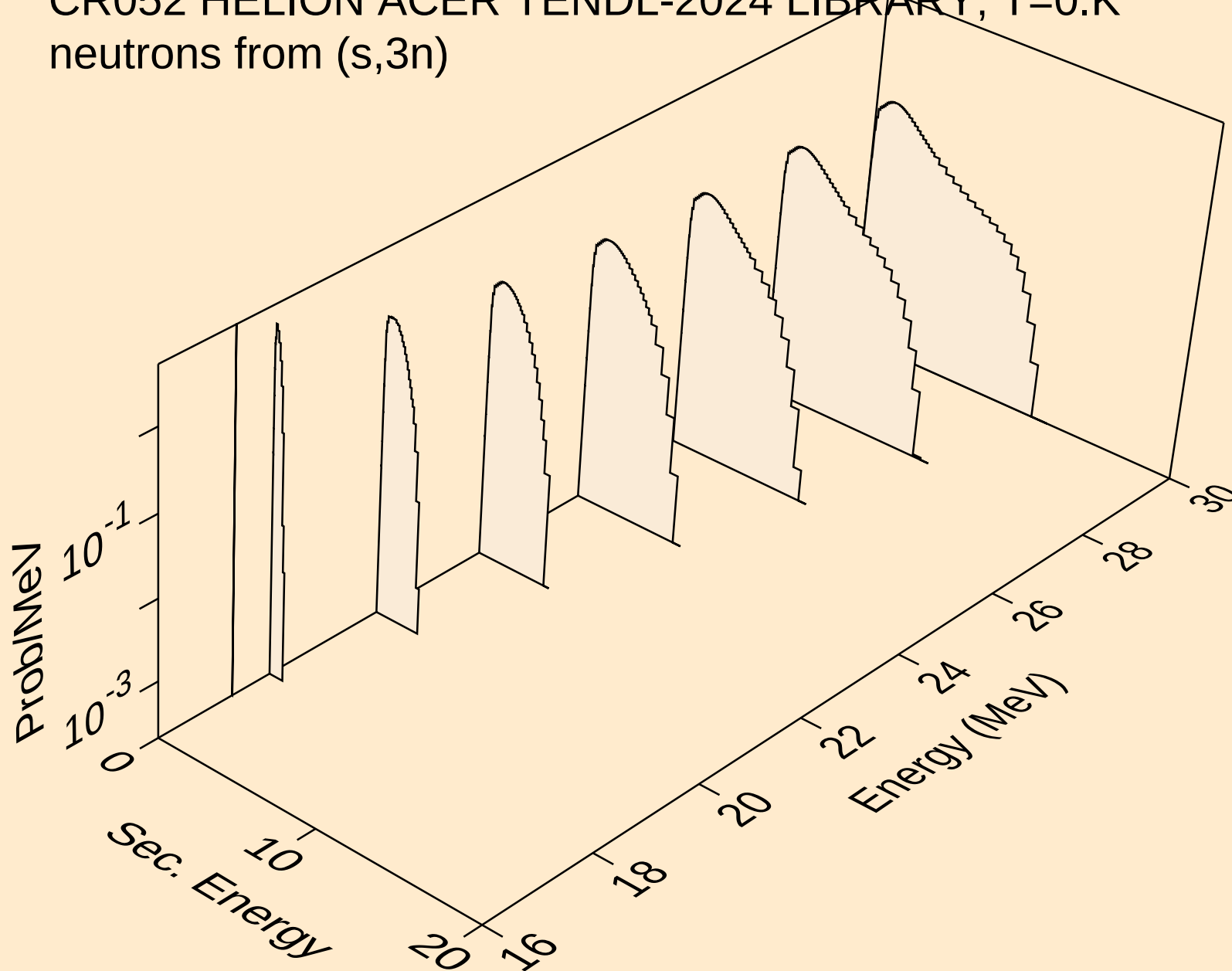
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



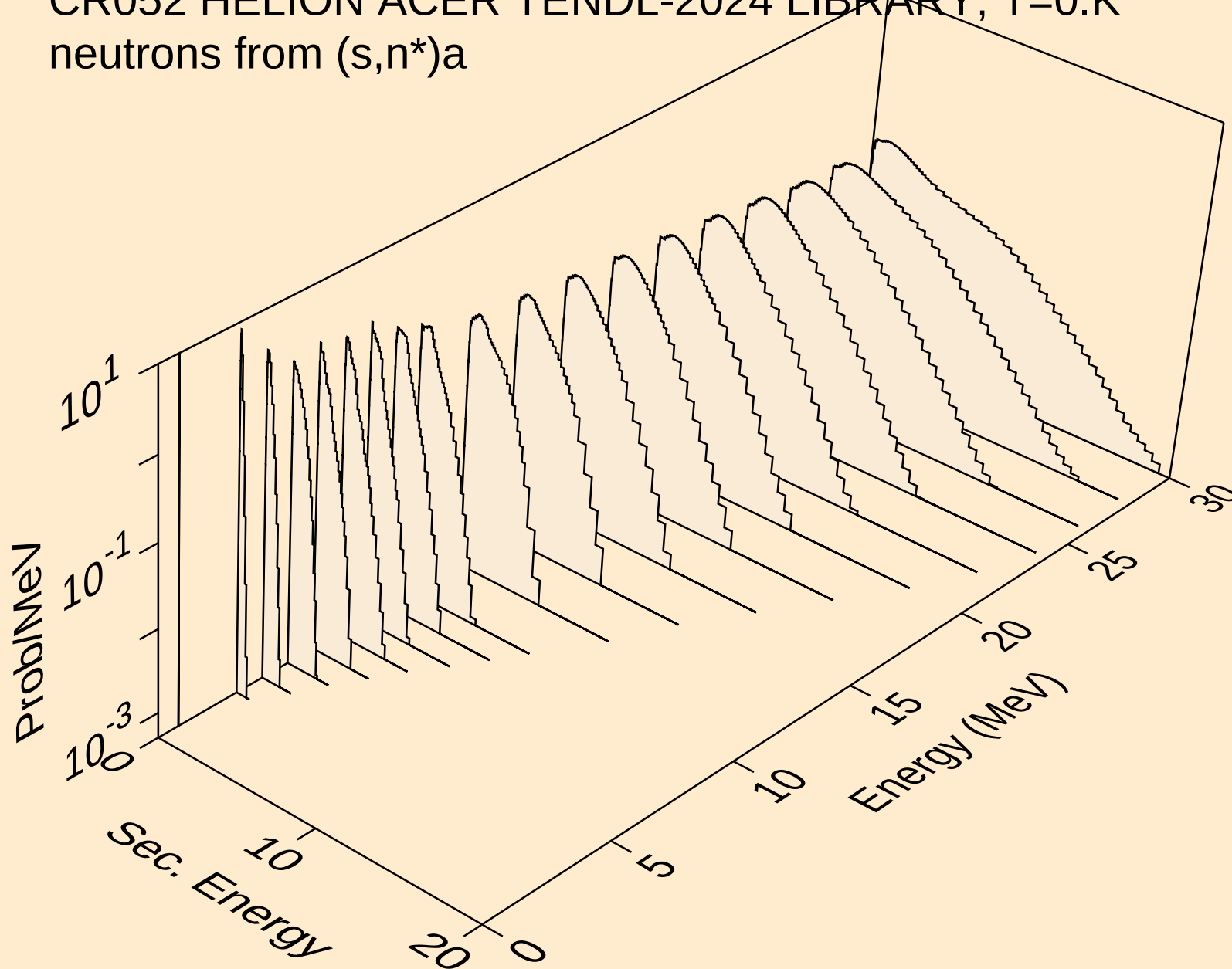
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



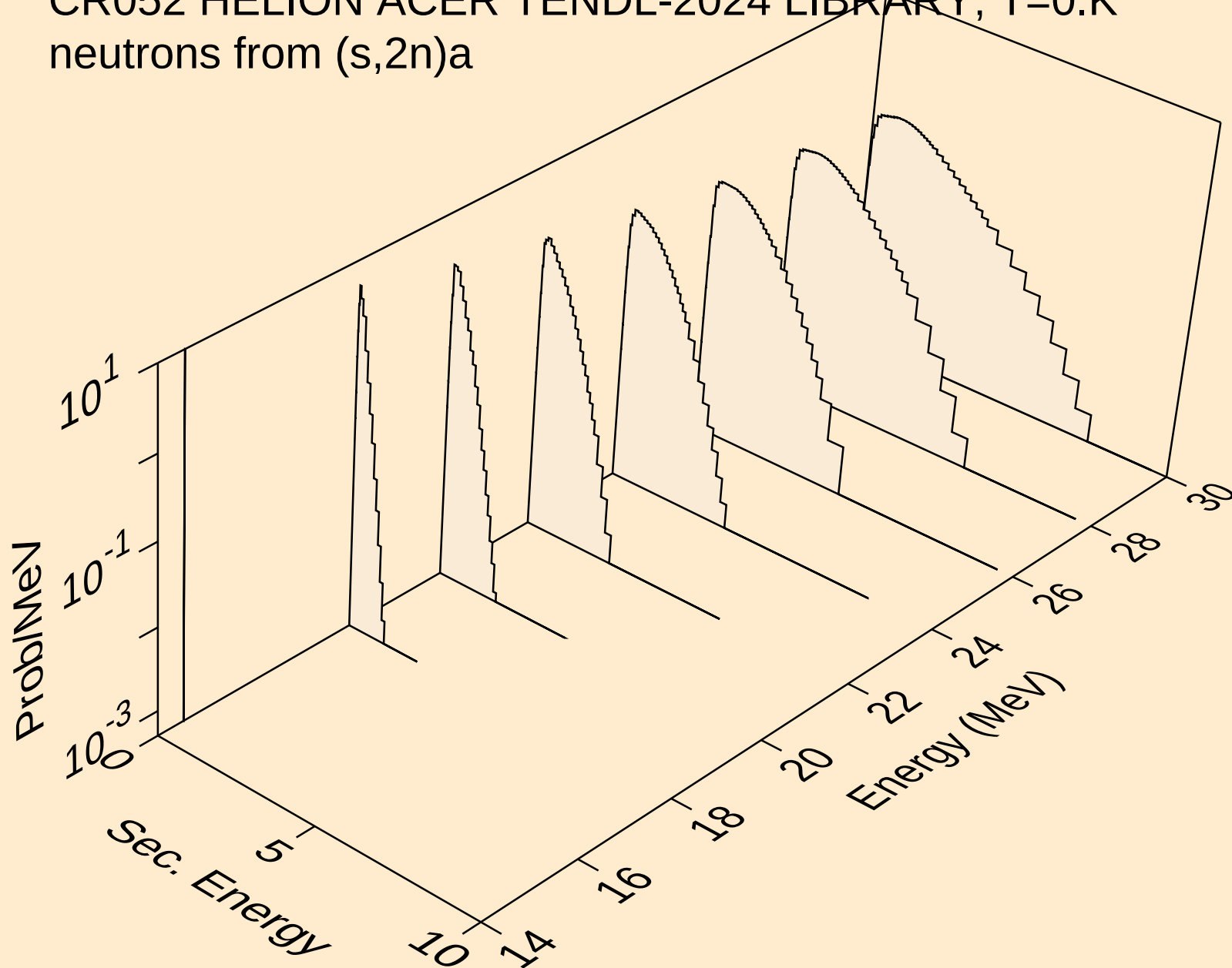
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a

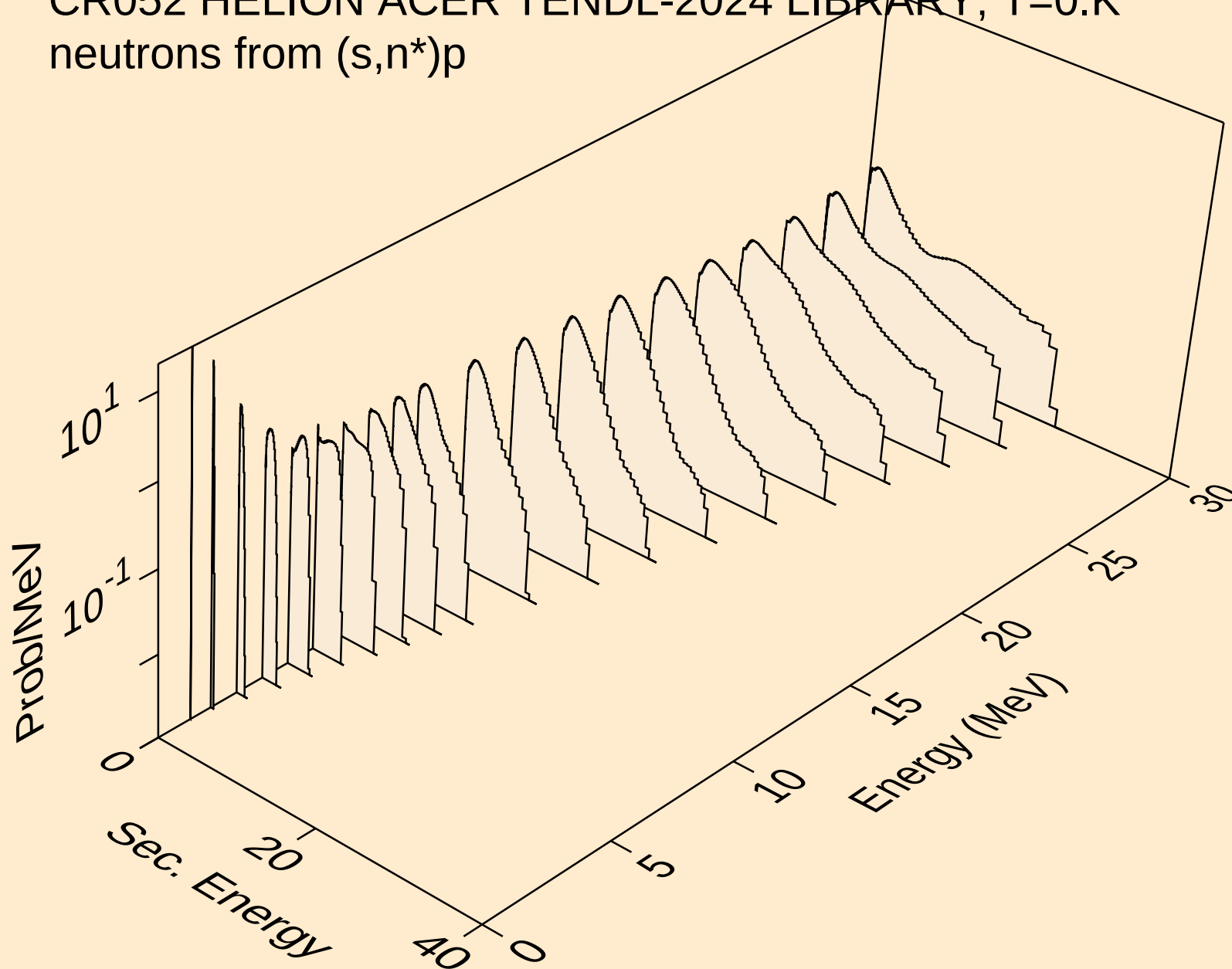


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a

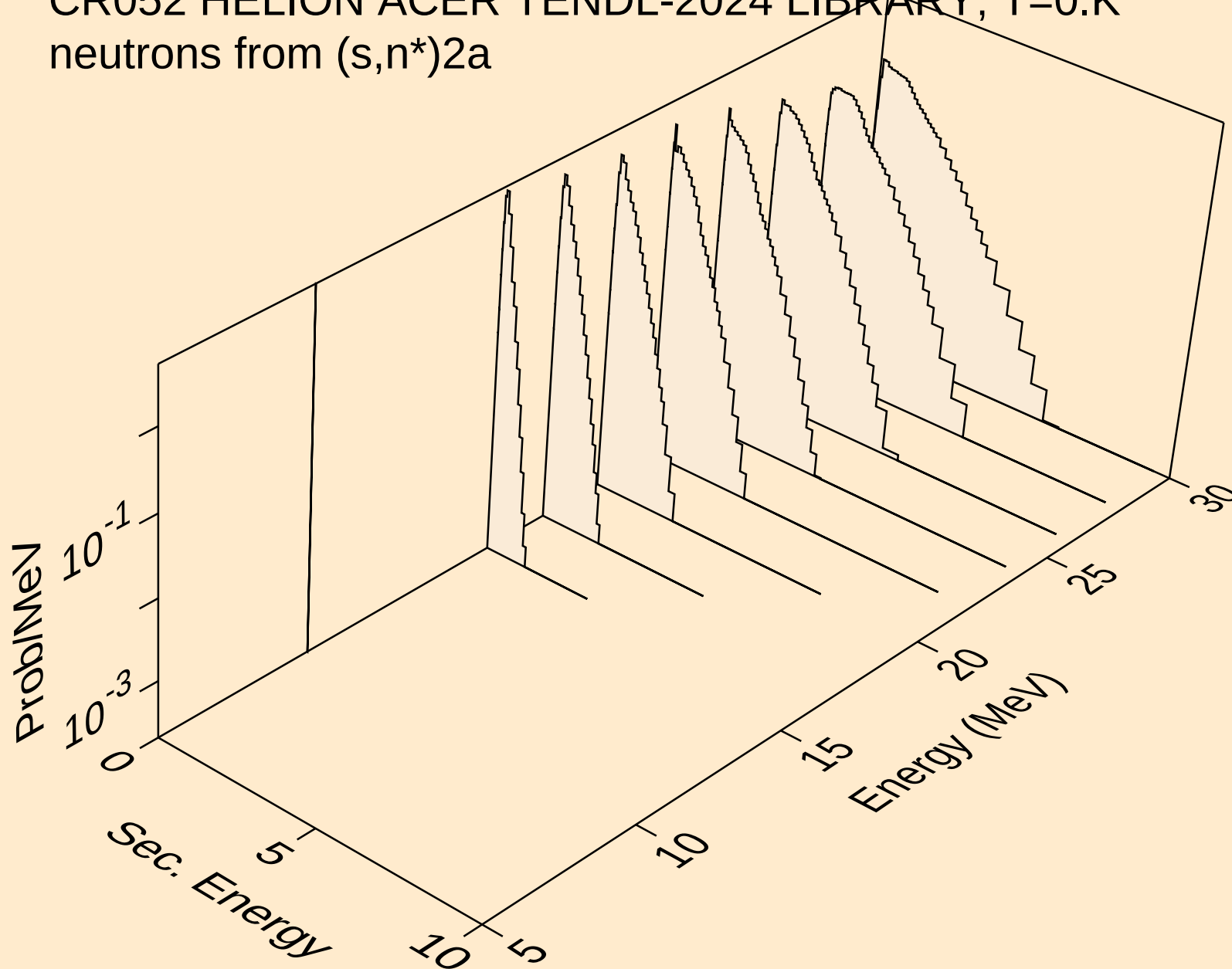




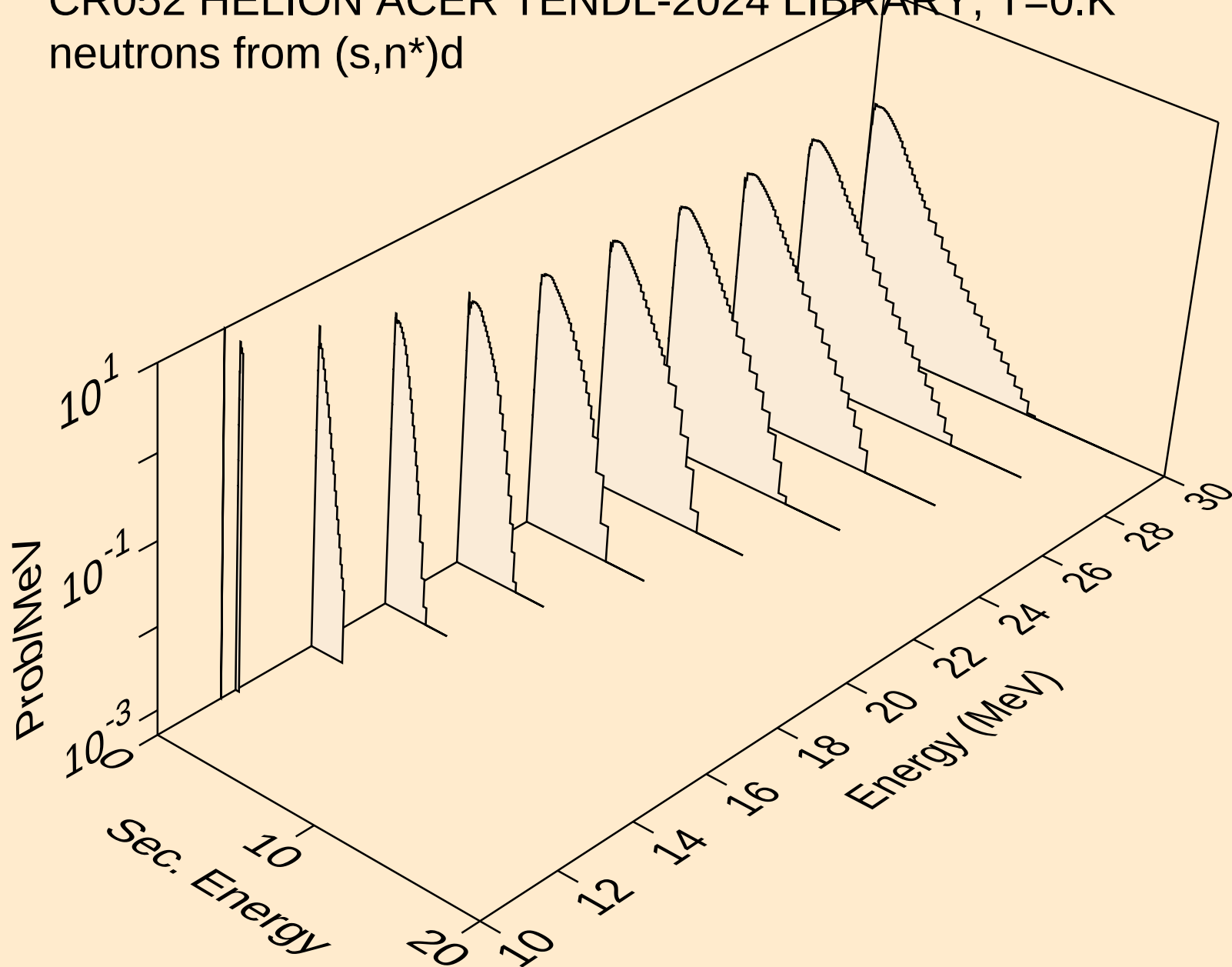
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



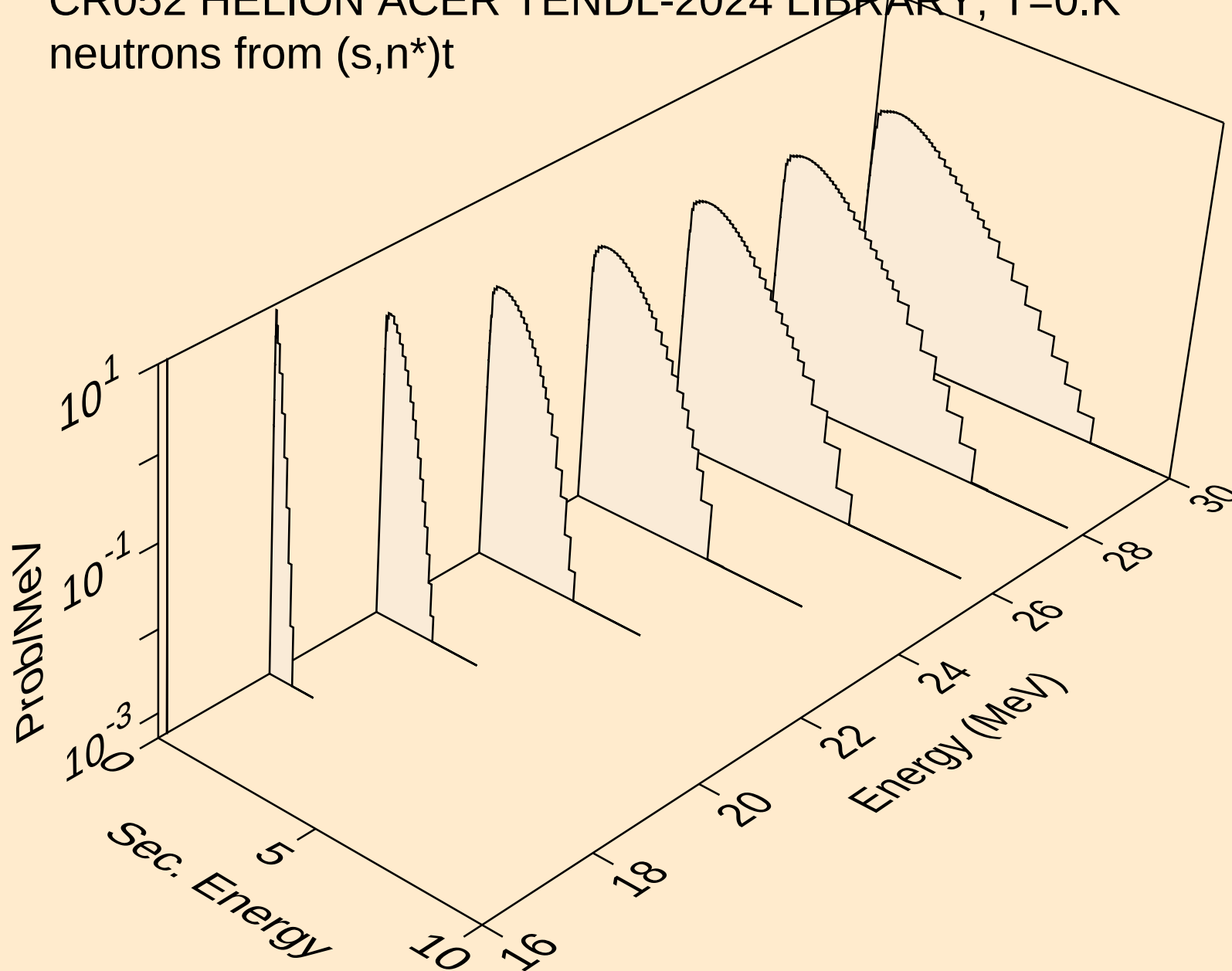
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



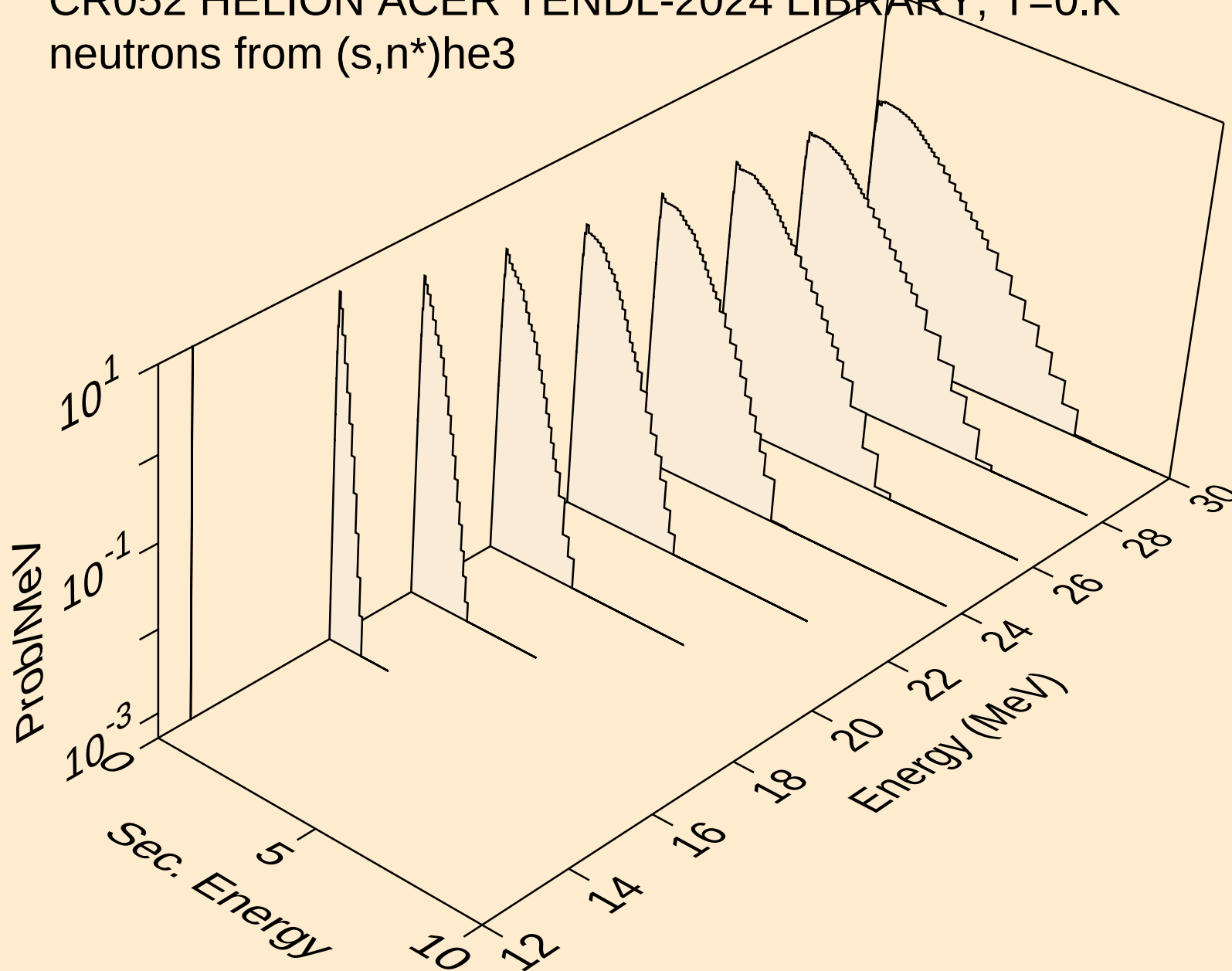
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



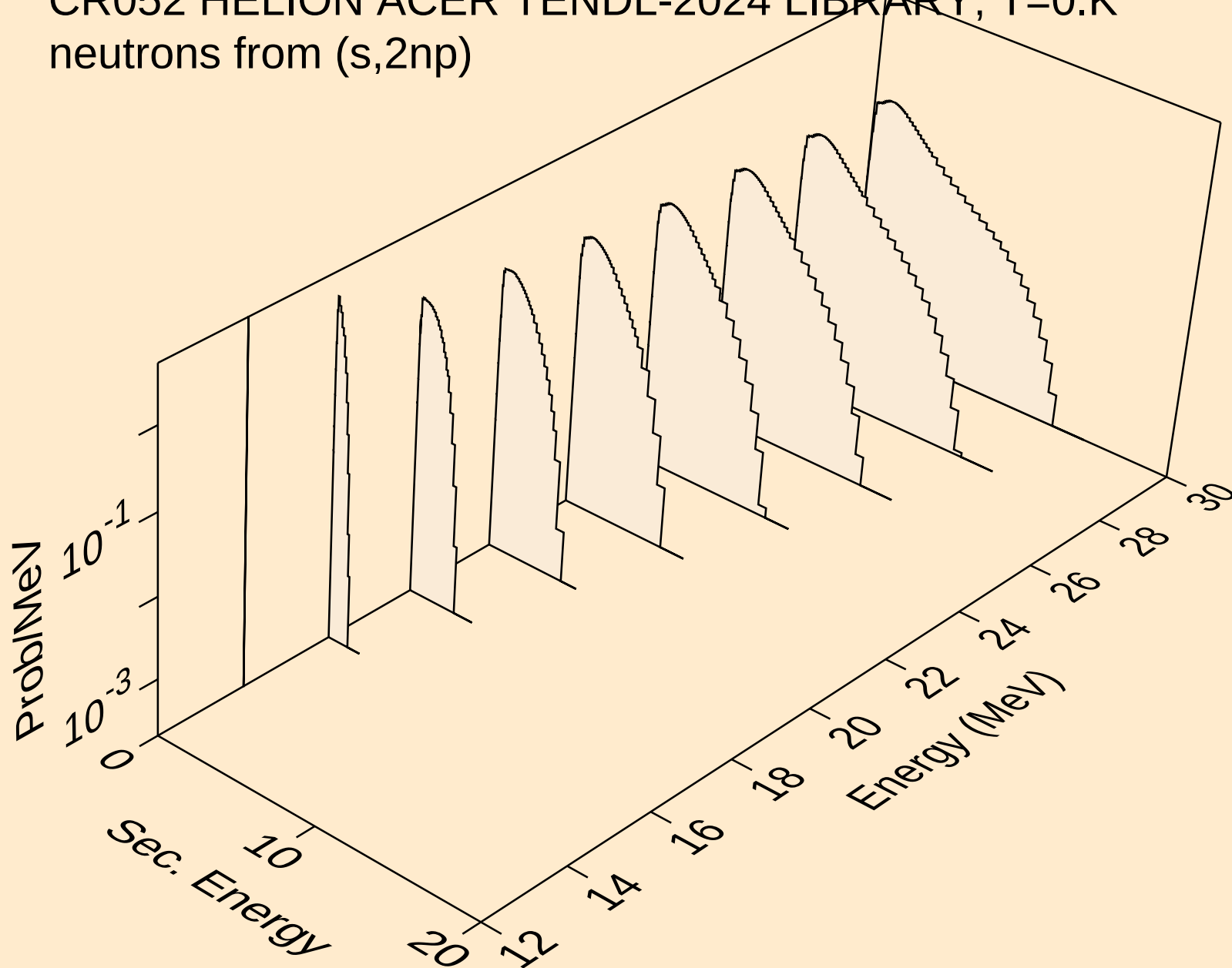
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



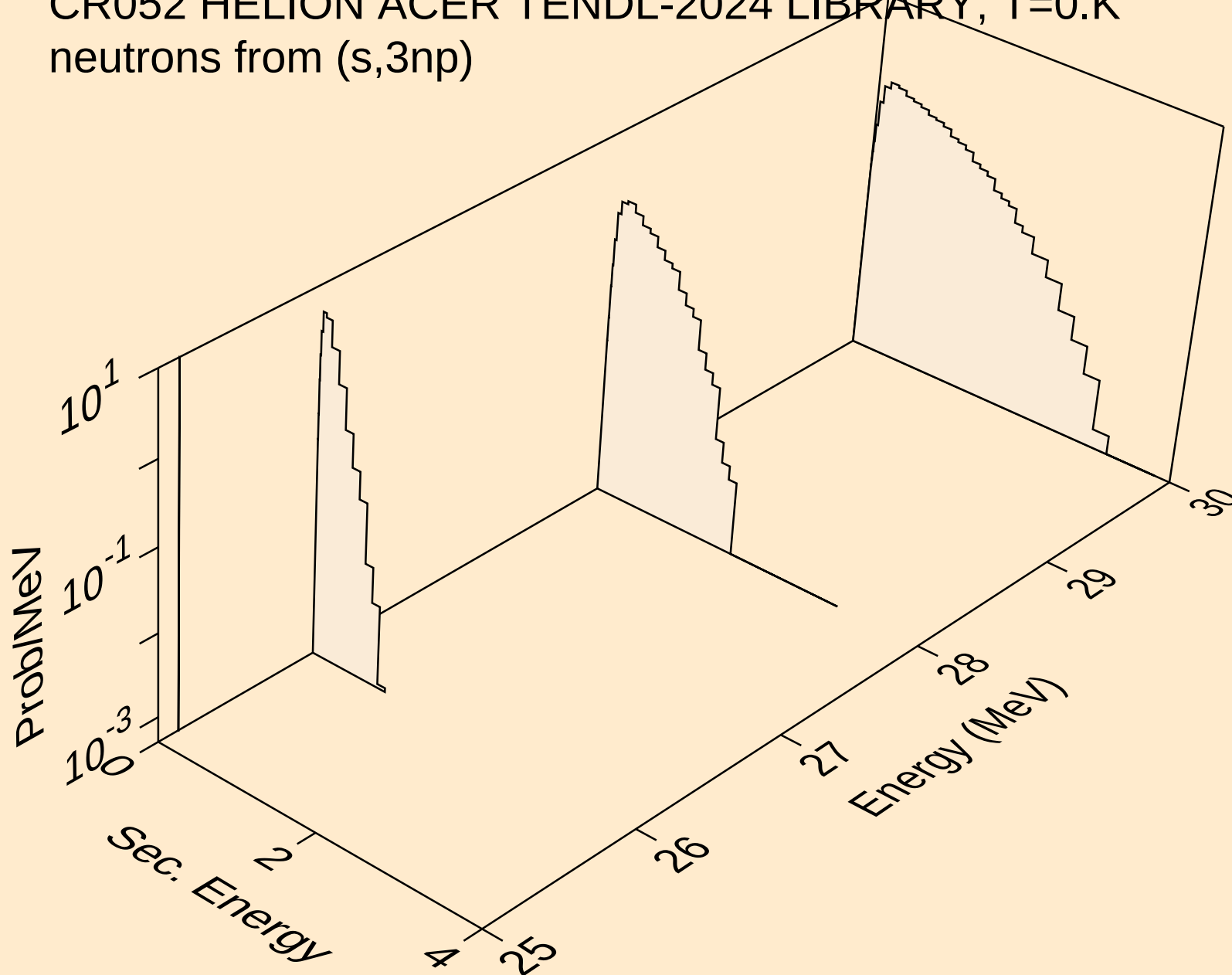
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



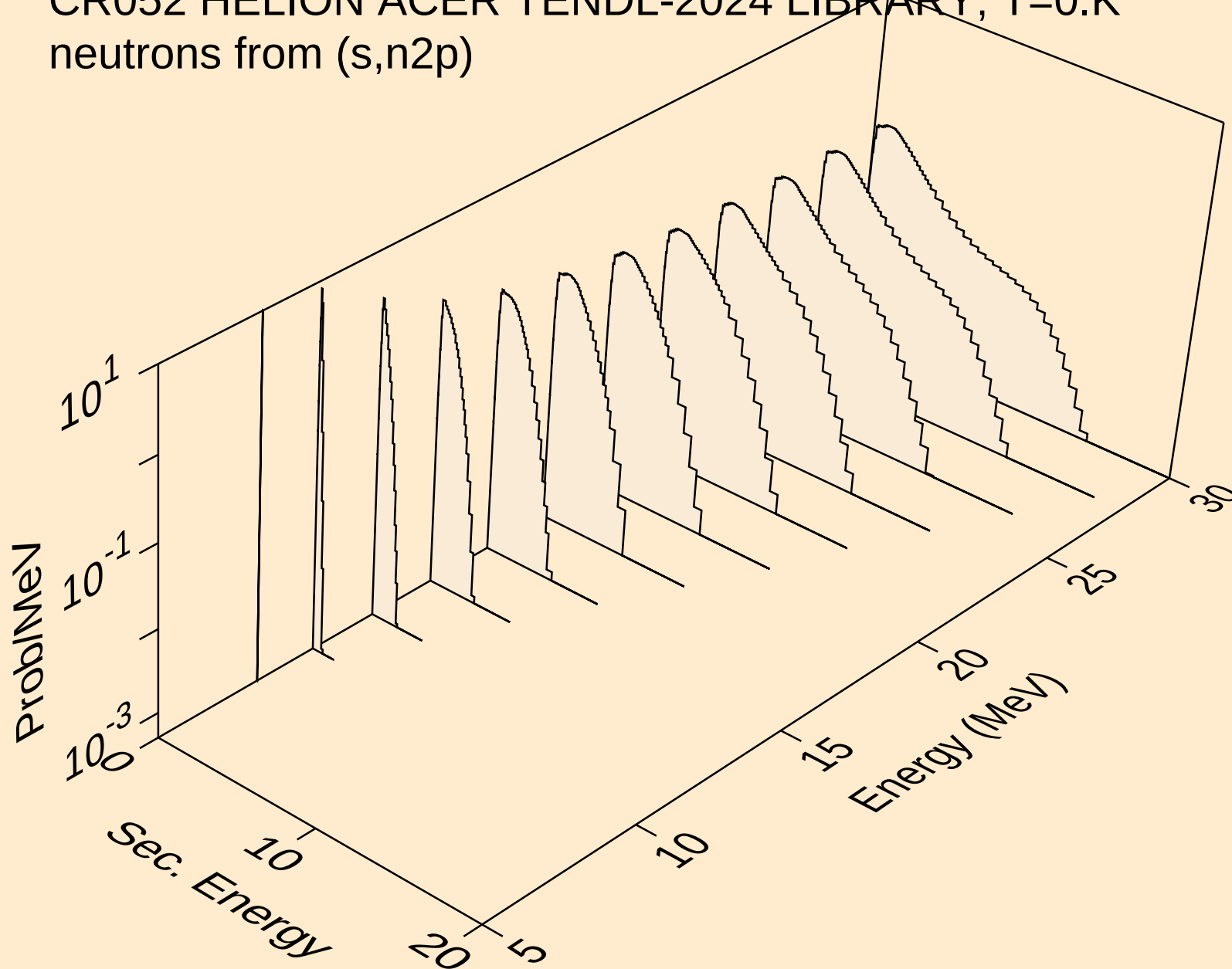
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)

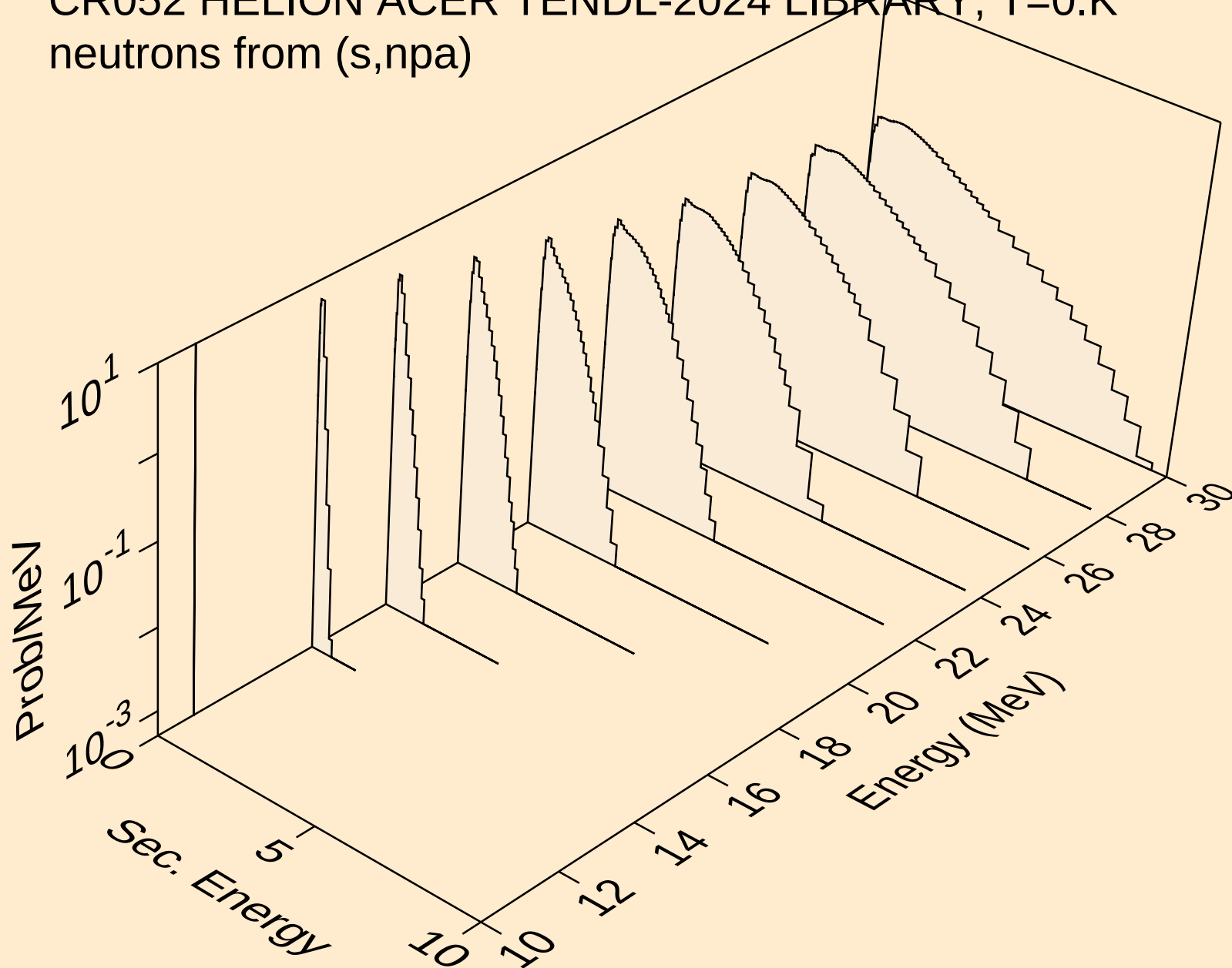


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)

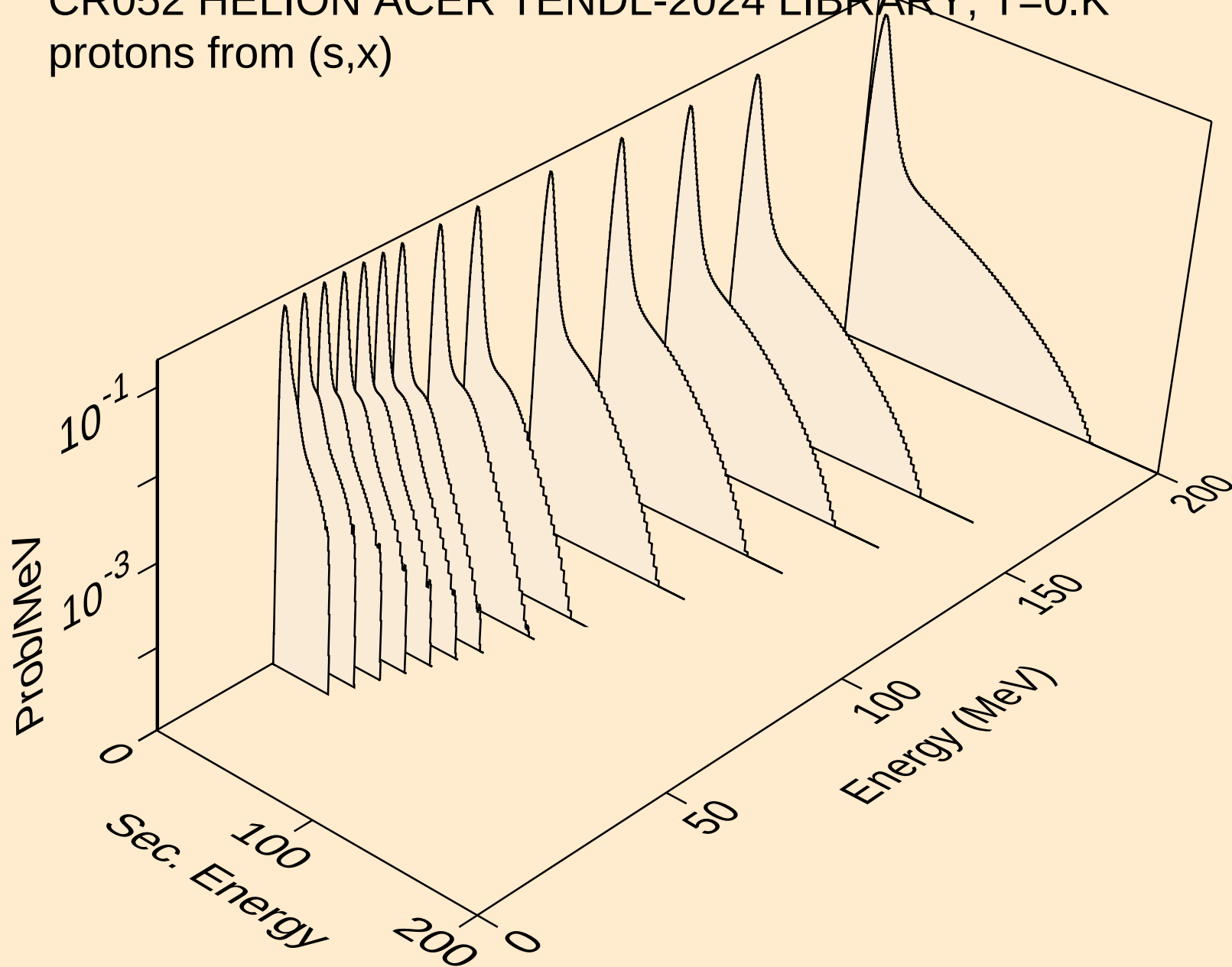




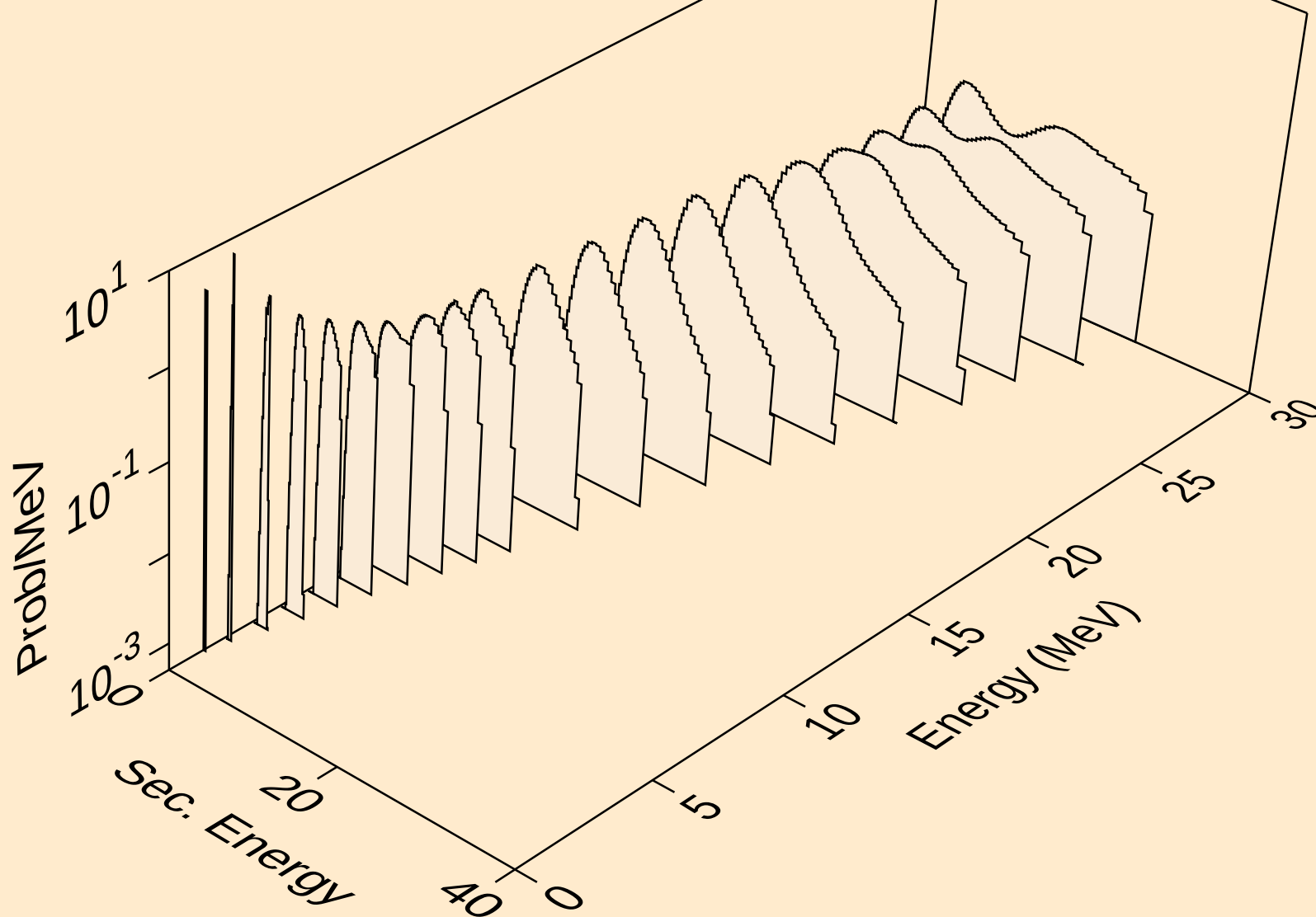
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



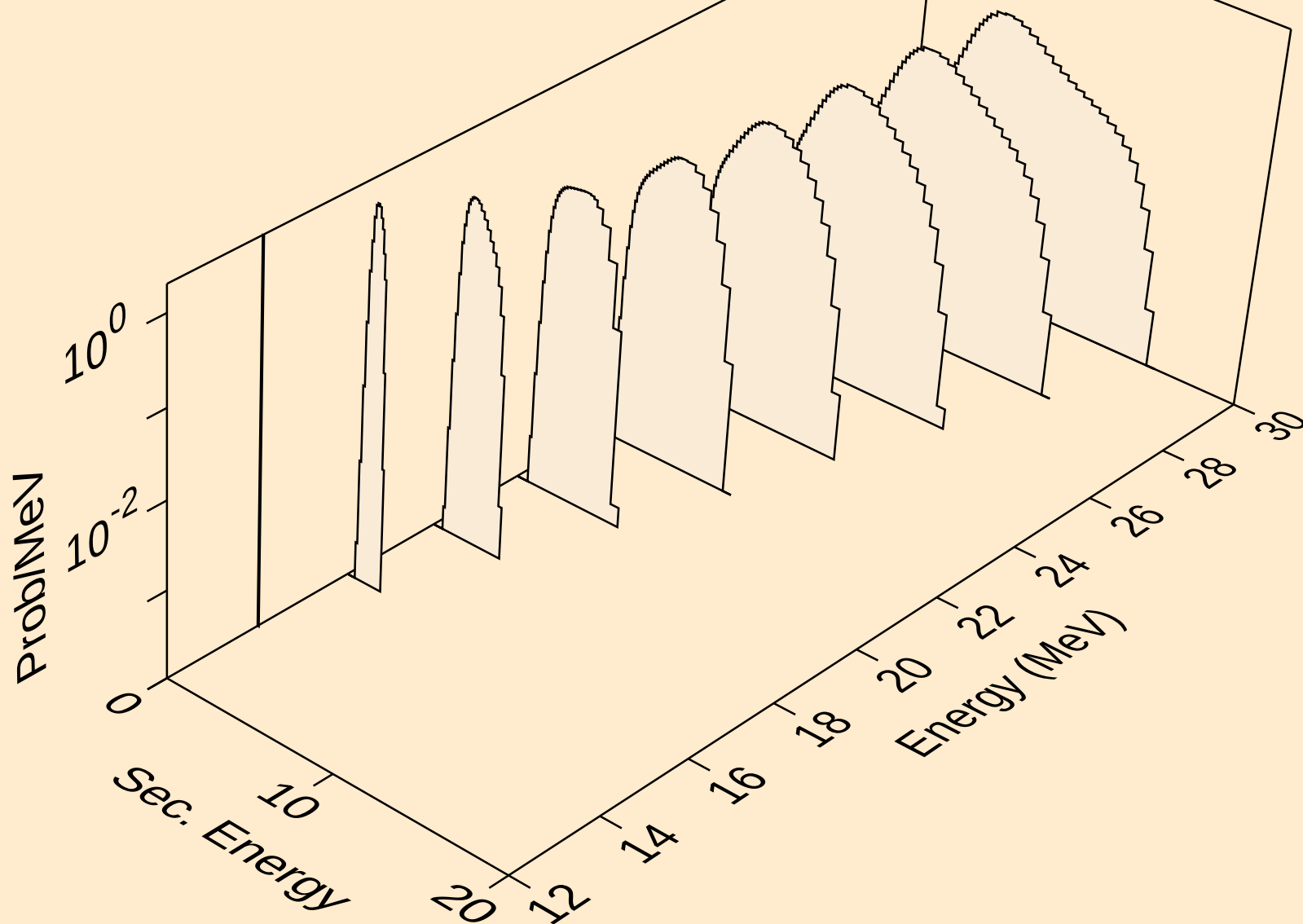
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



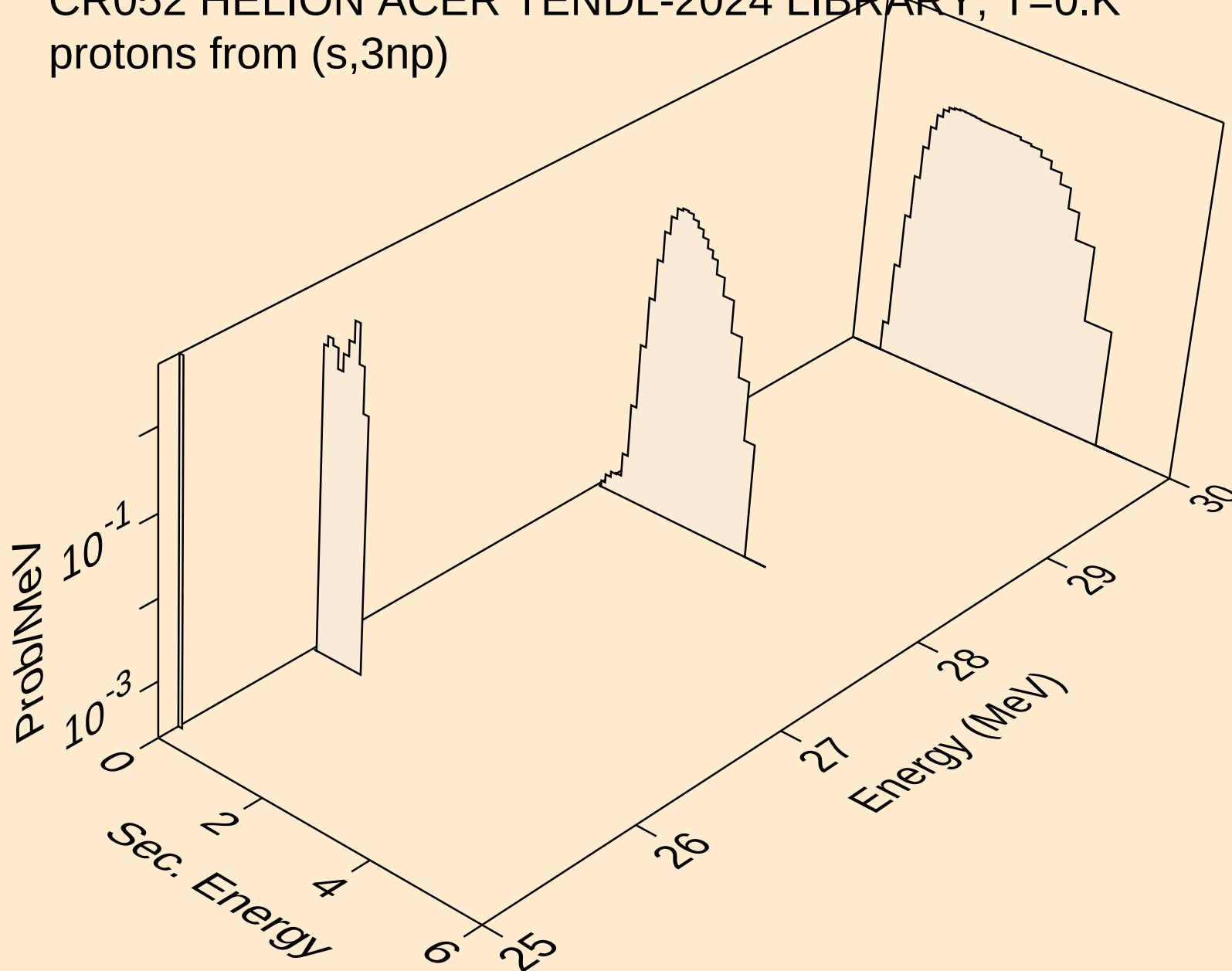
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



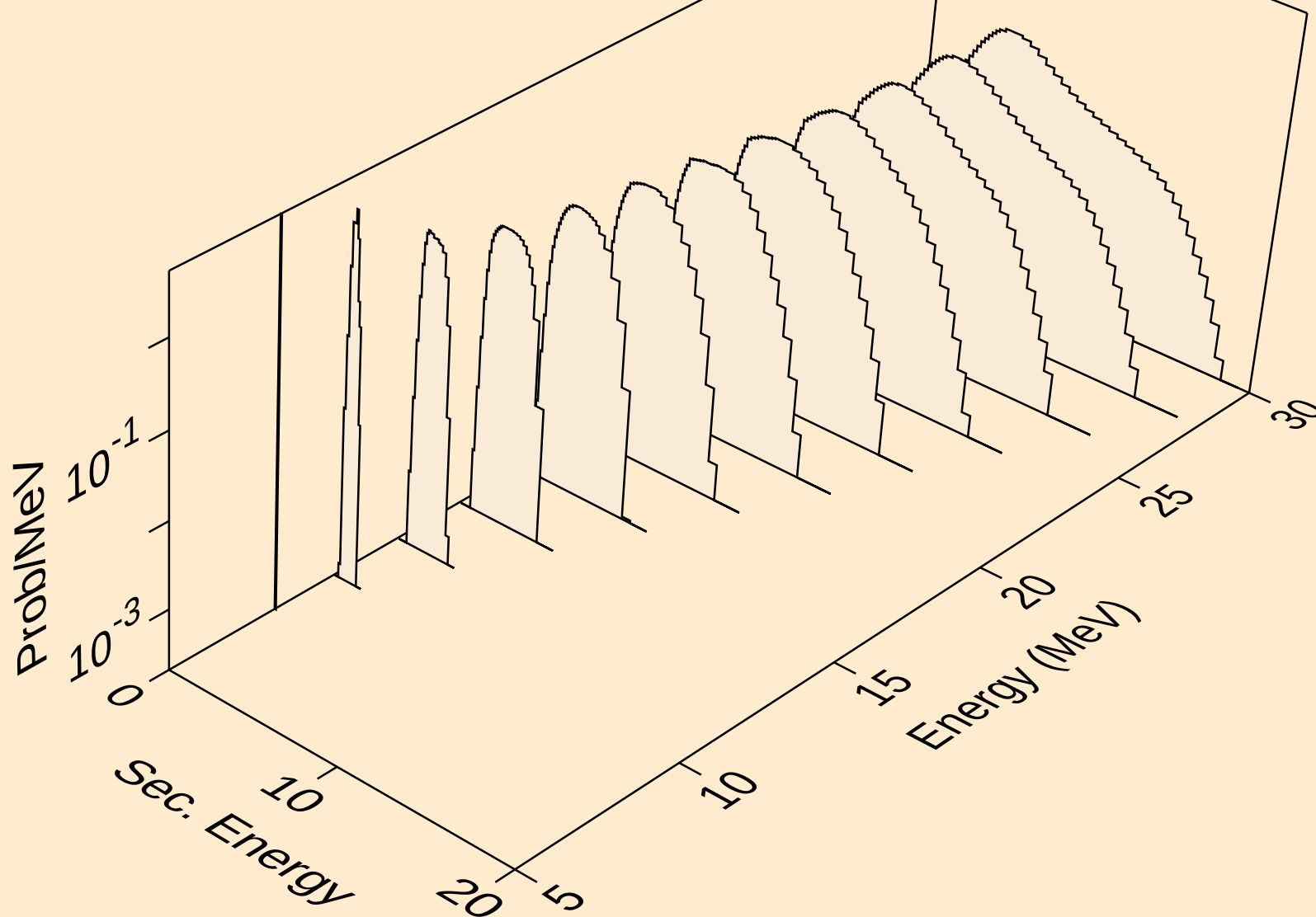
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



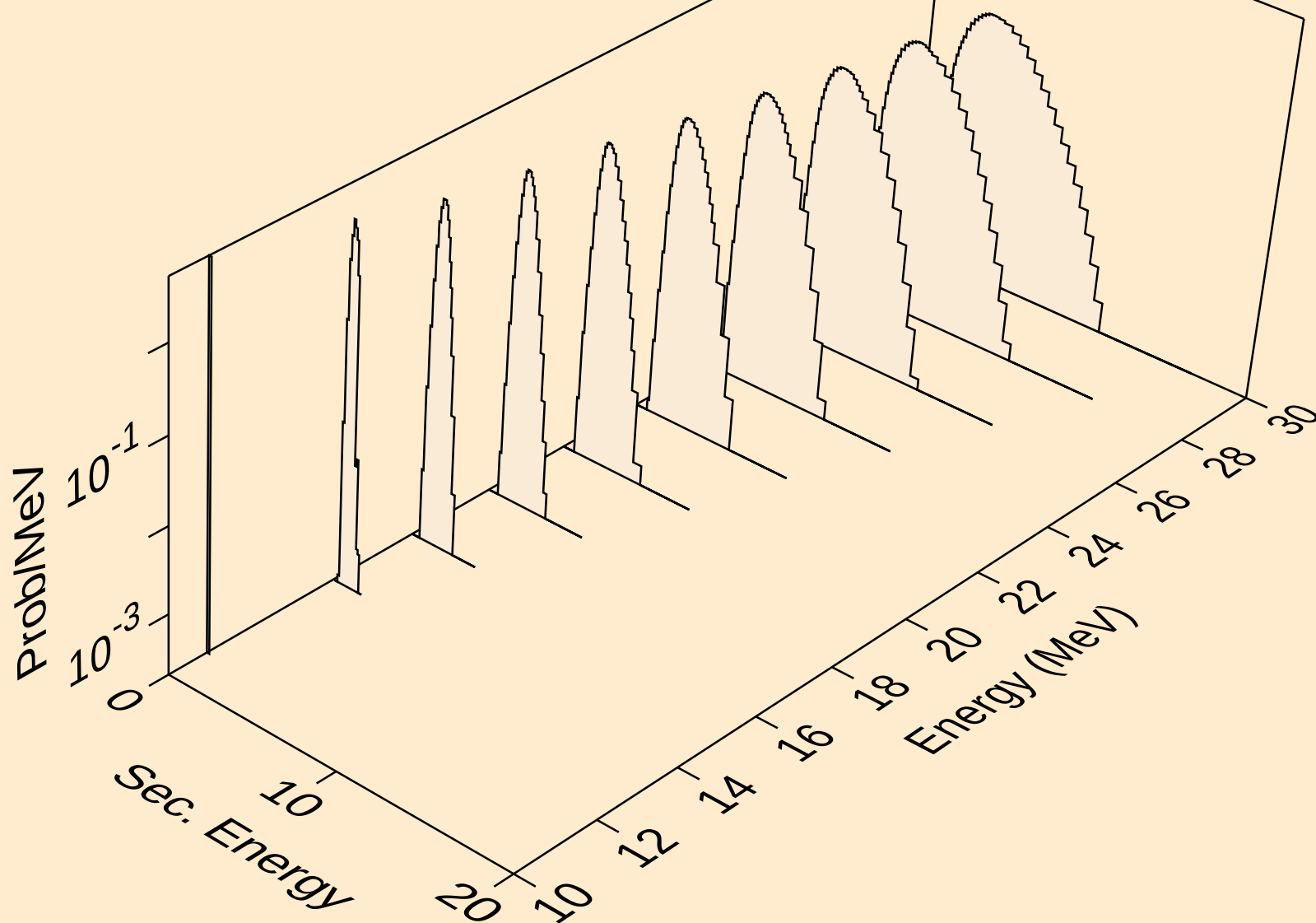
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)



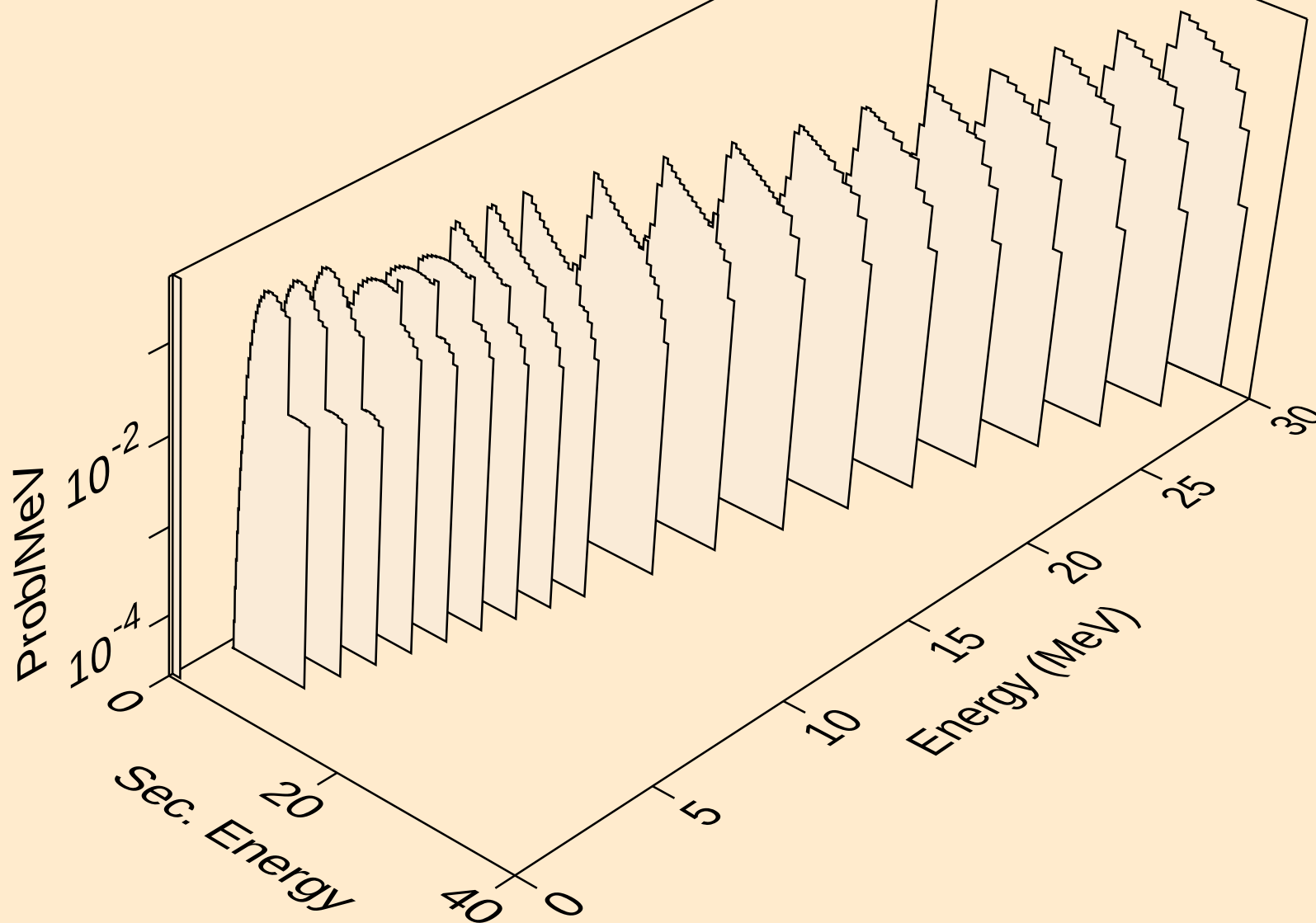
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)

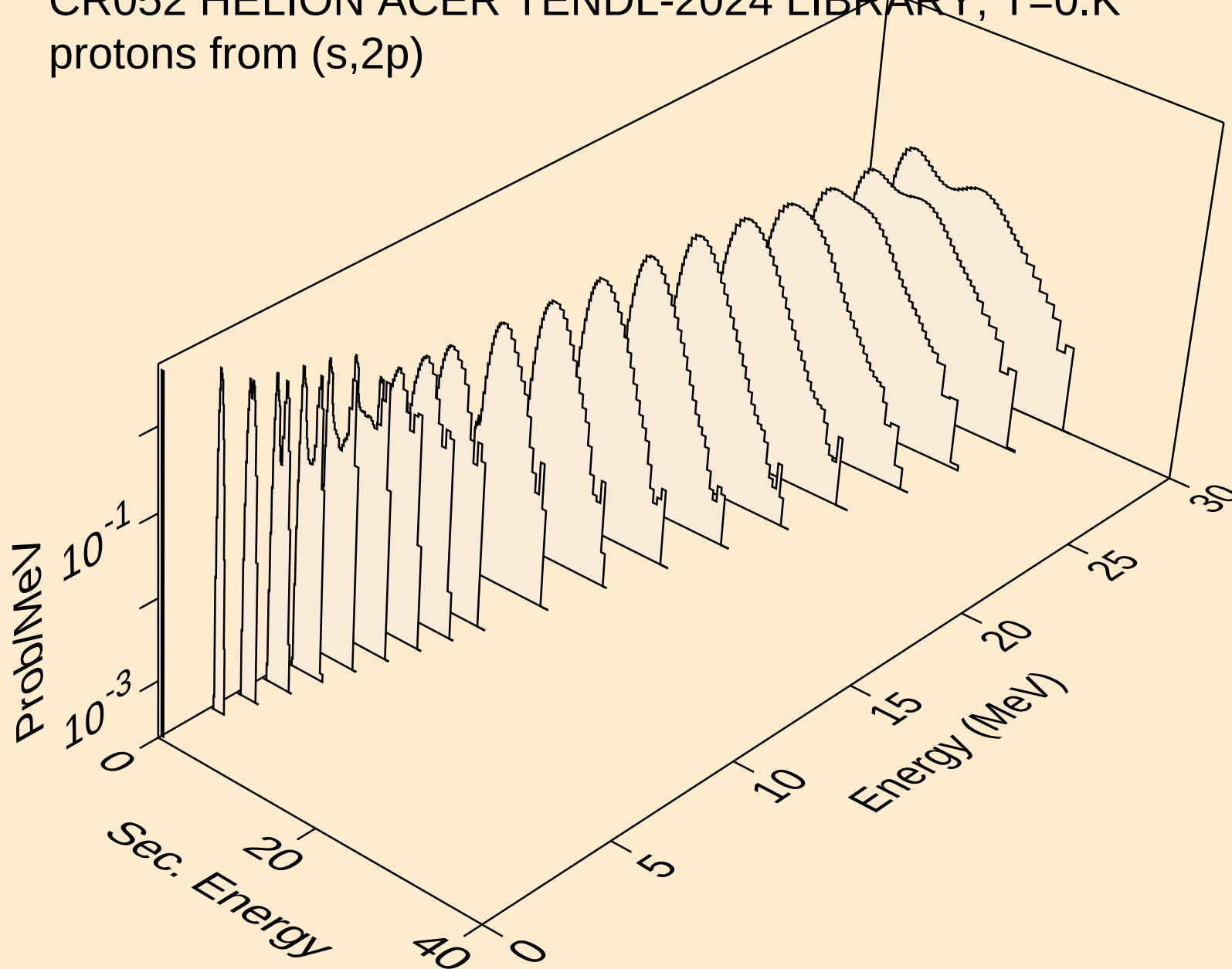


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)

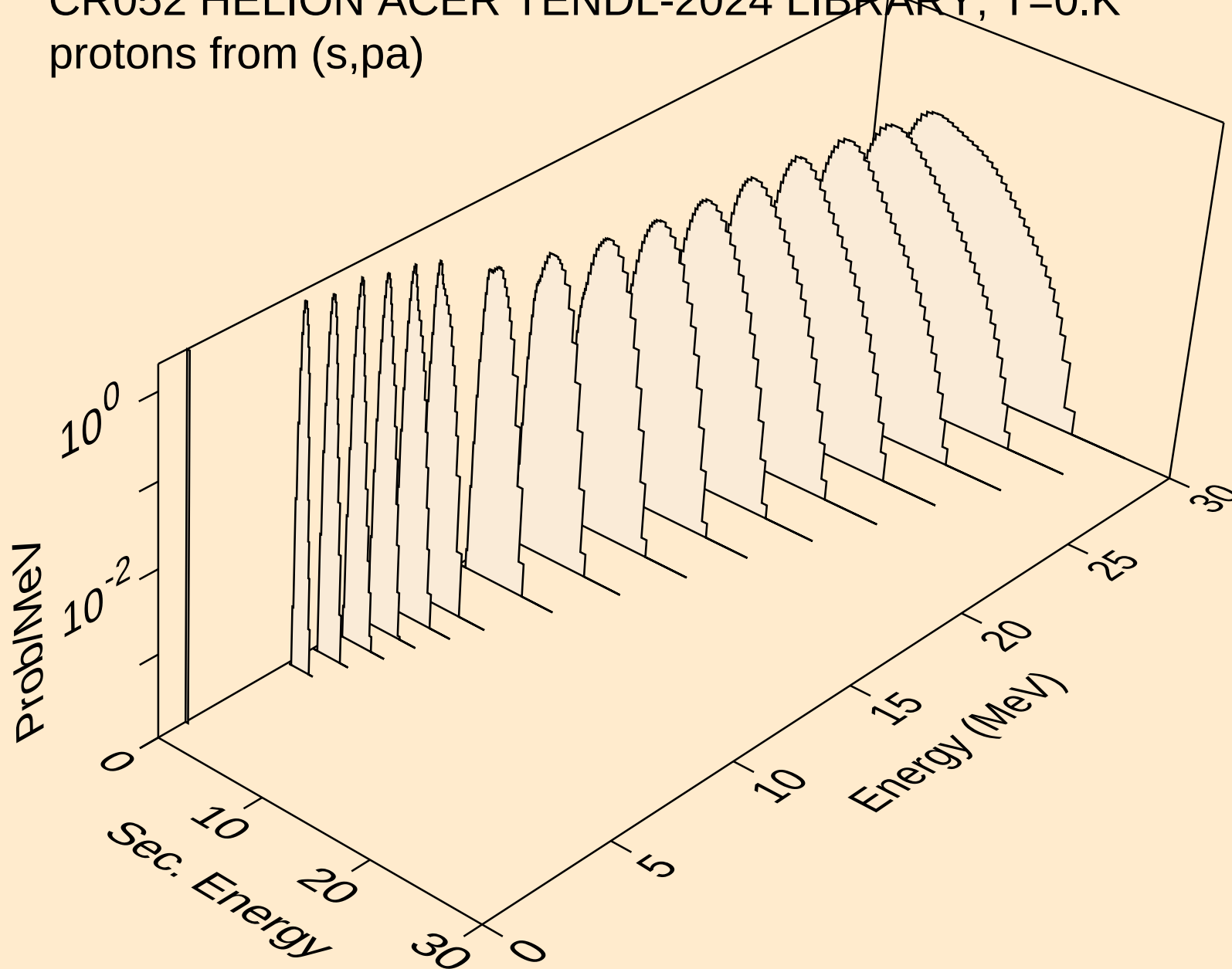




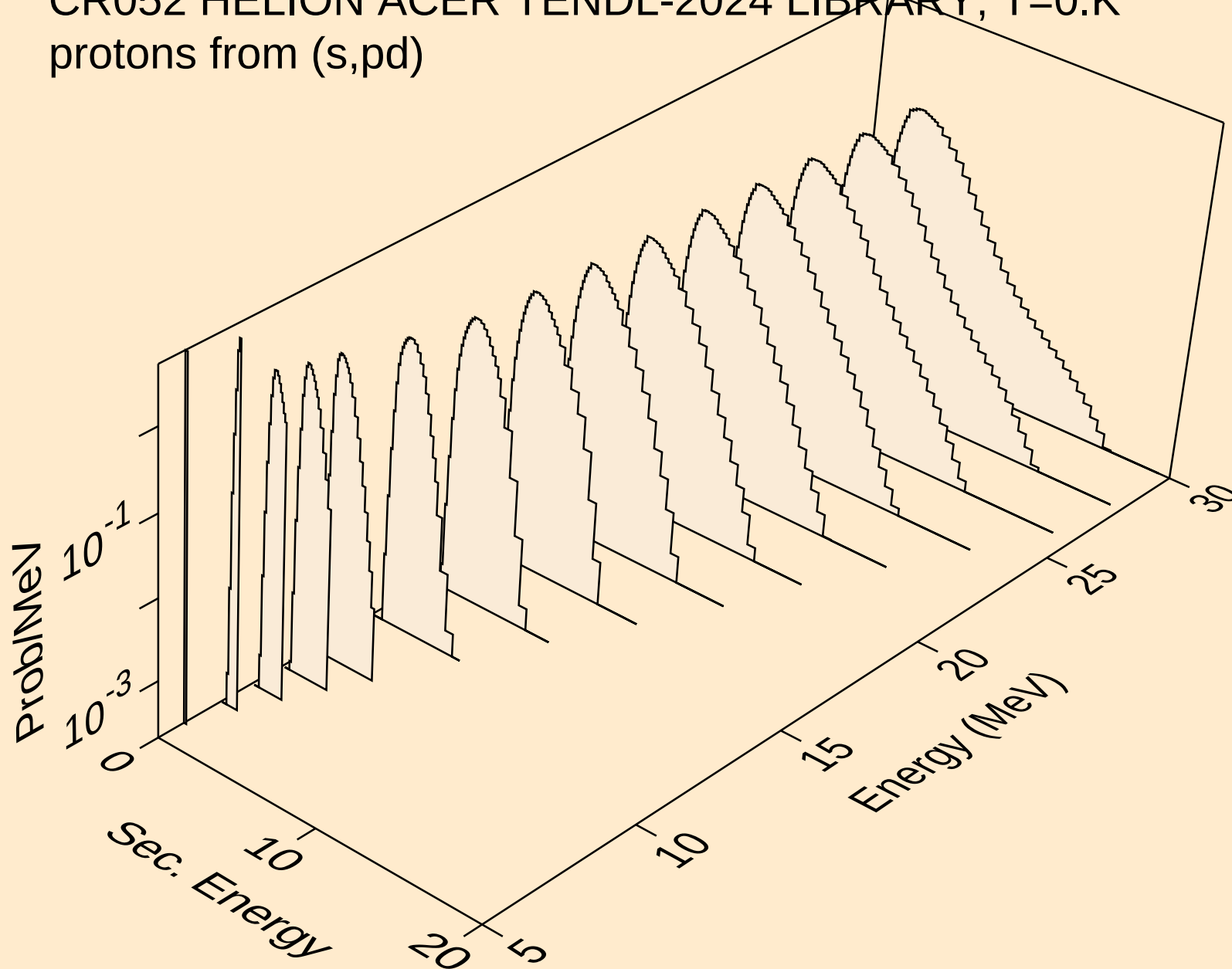
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



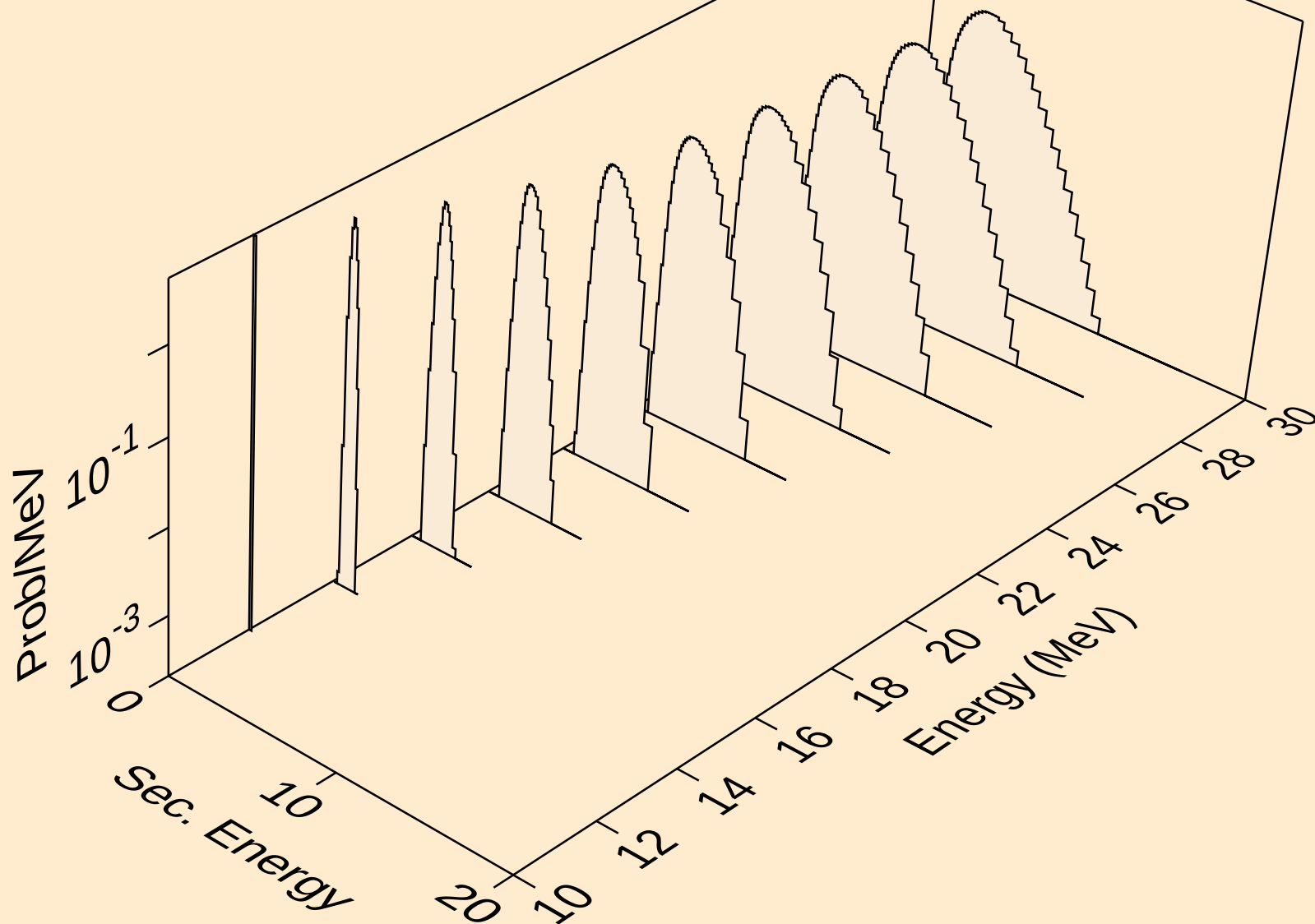
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



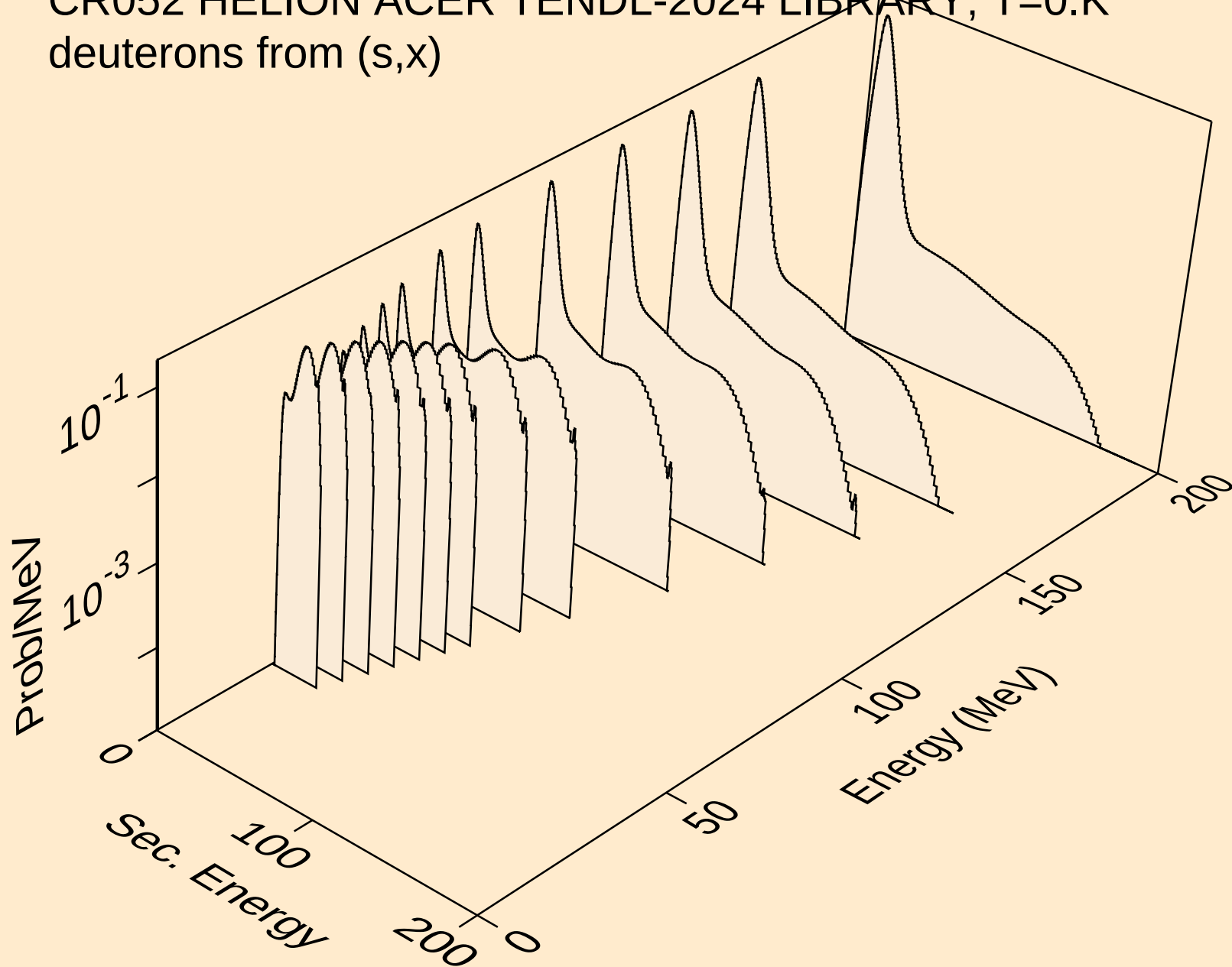
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)



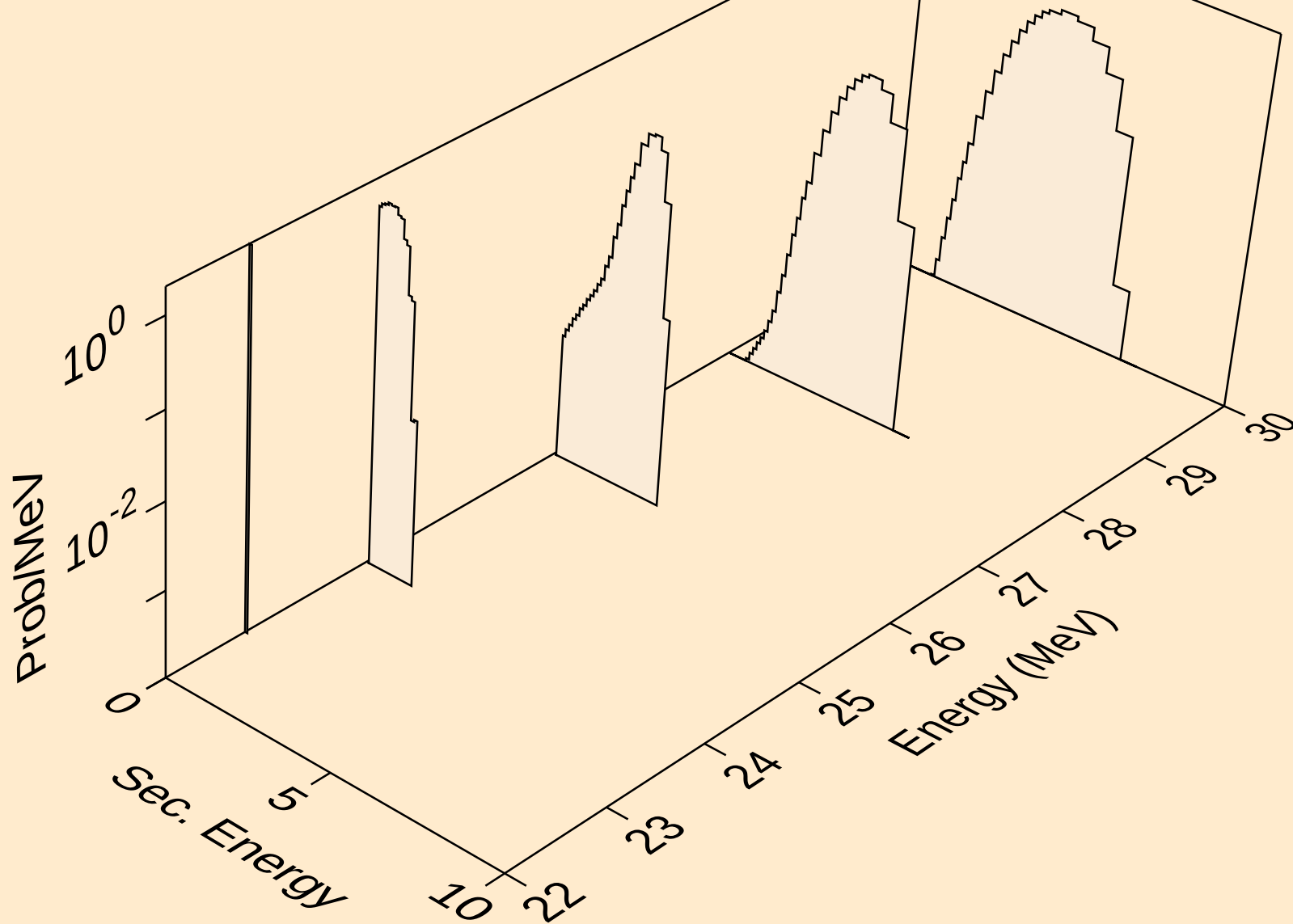
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)



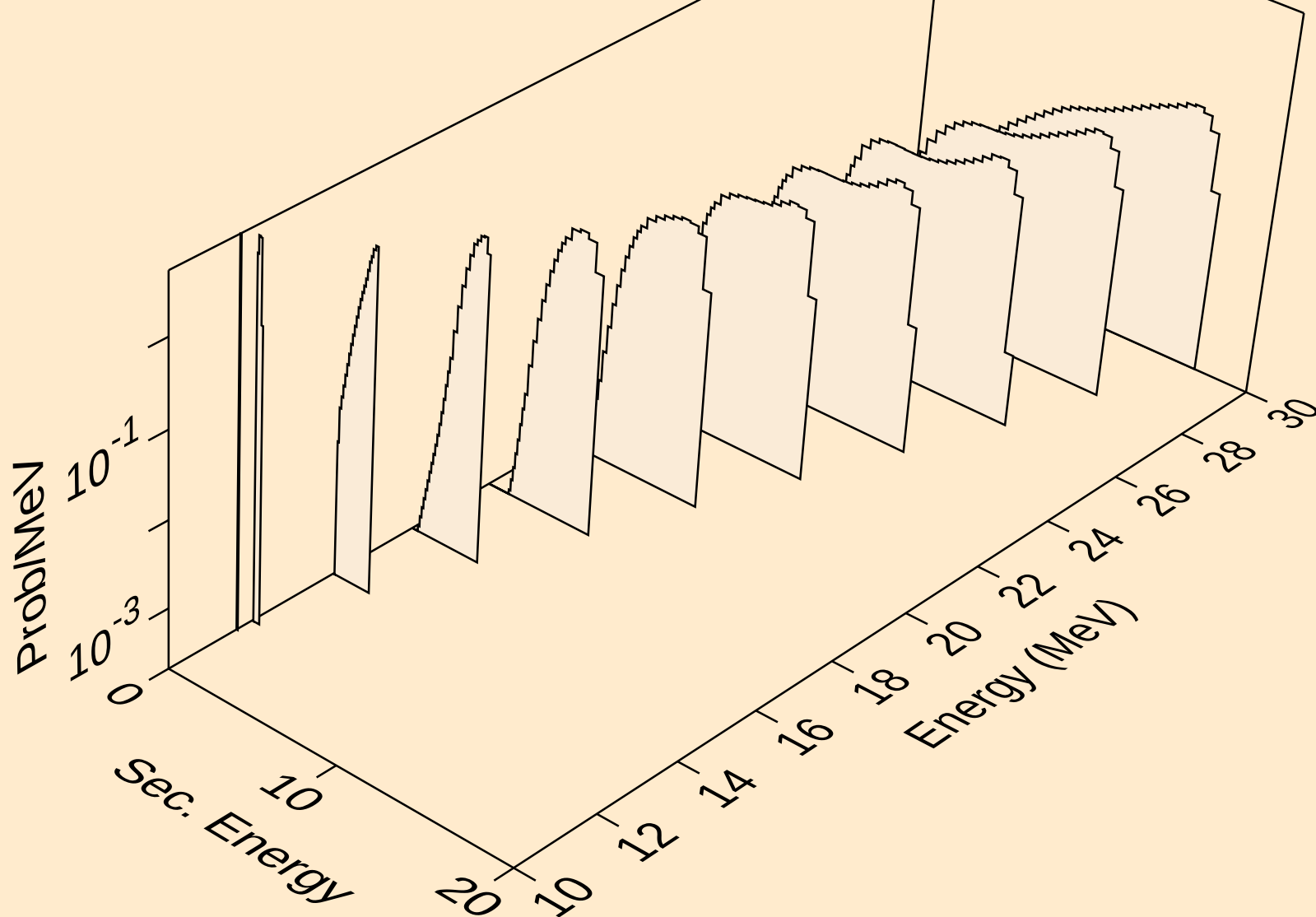
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



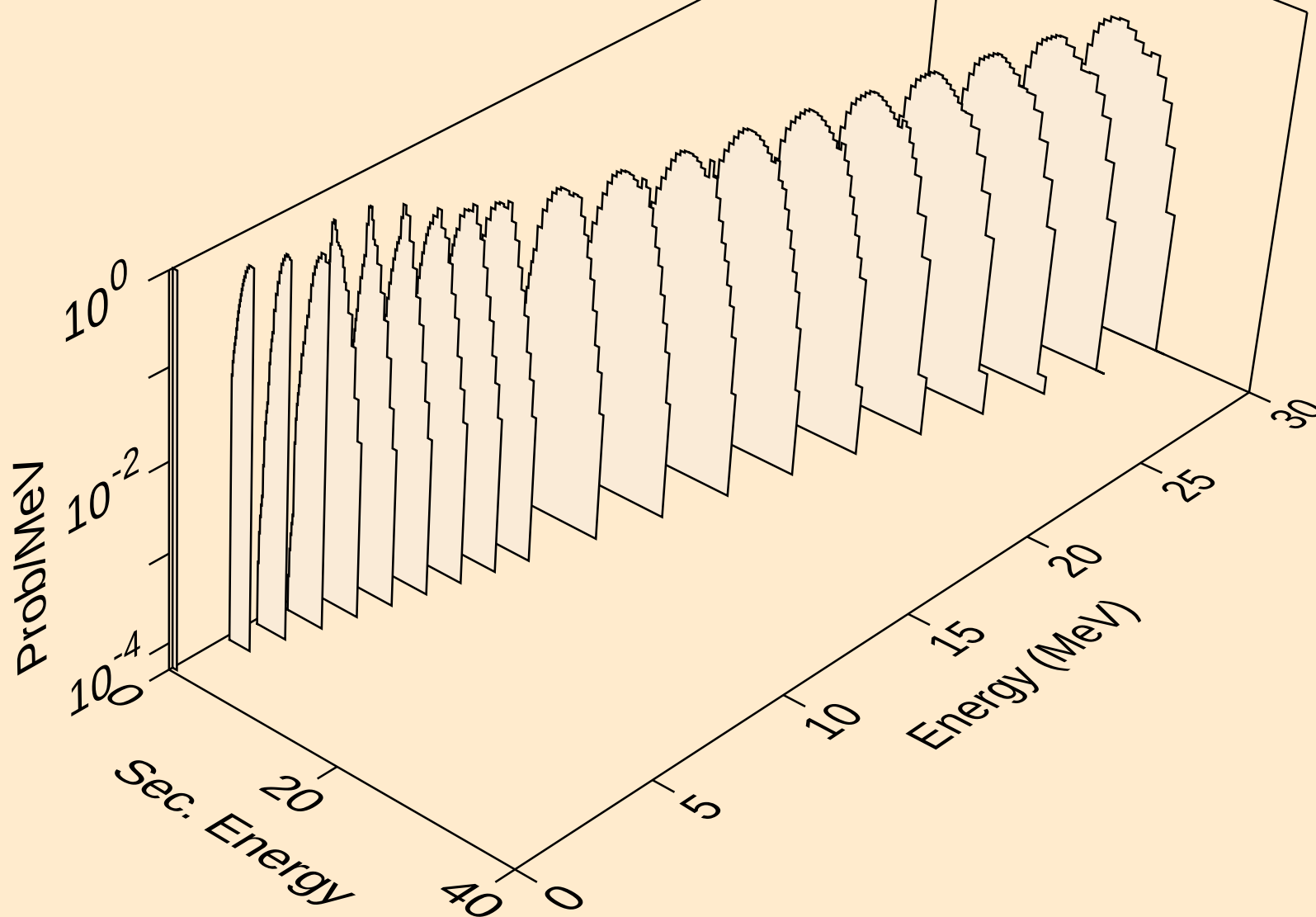
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,2nd)



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d

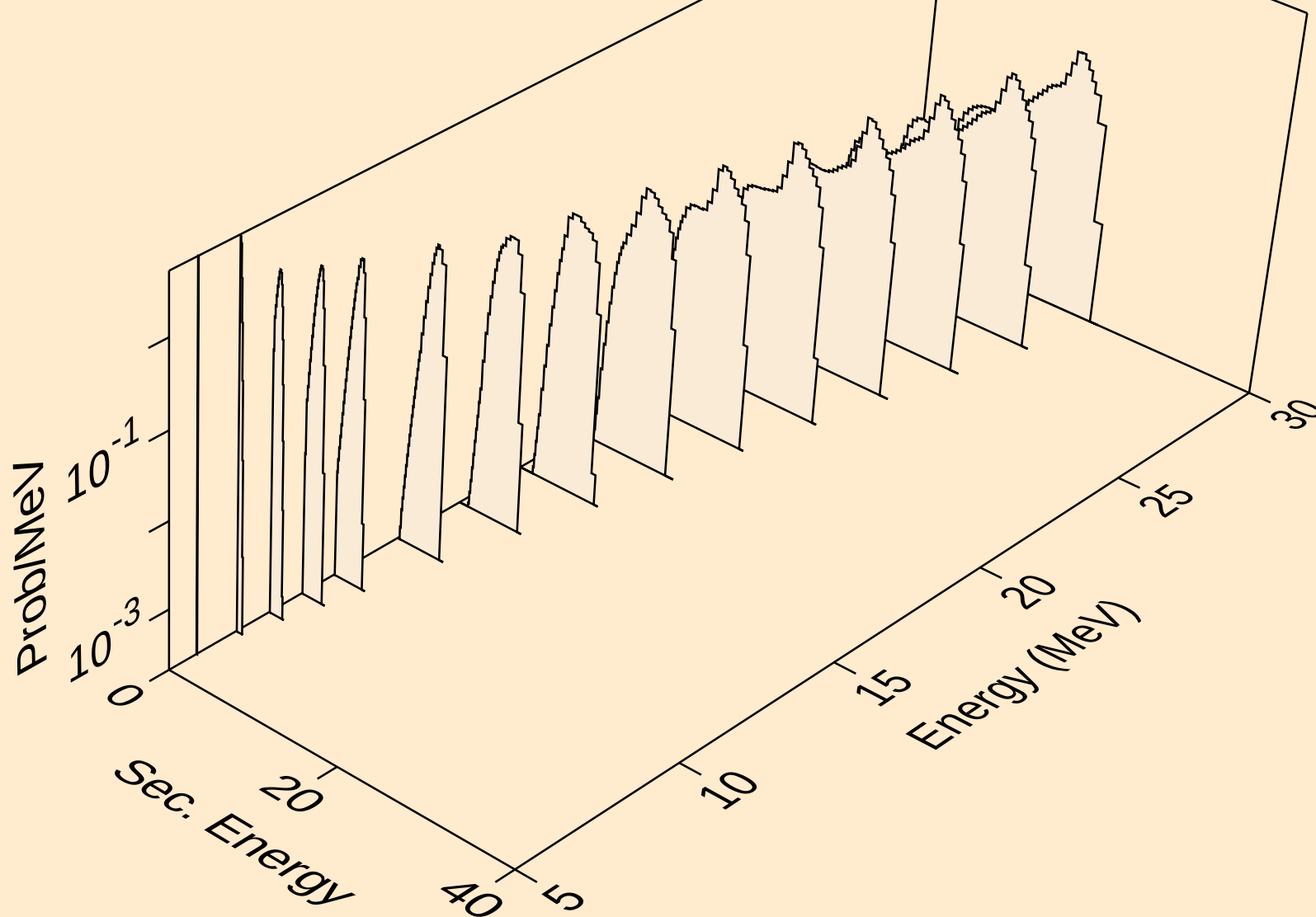


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)

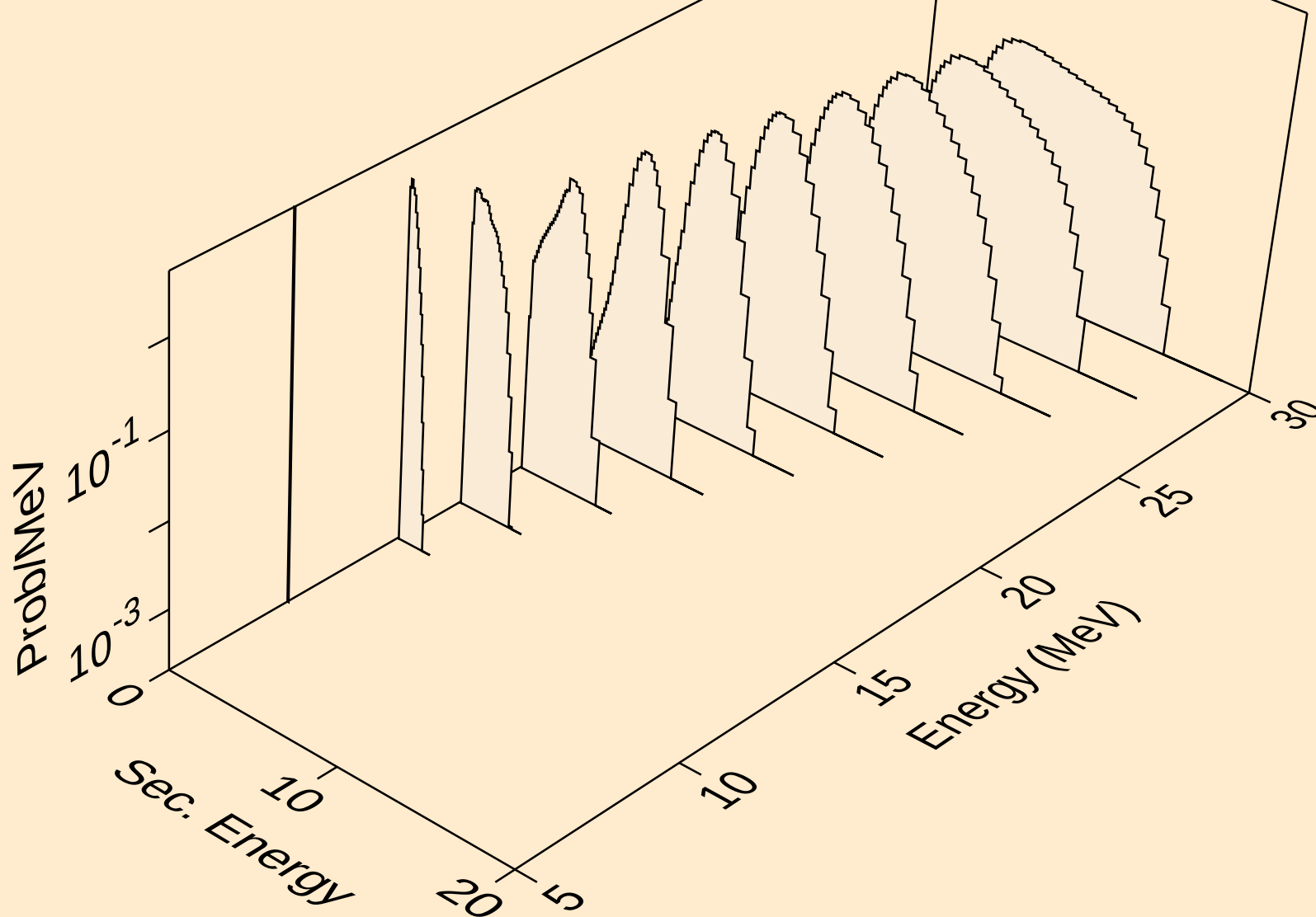




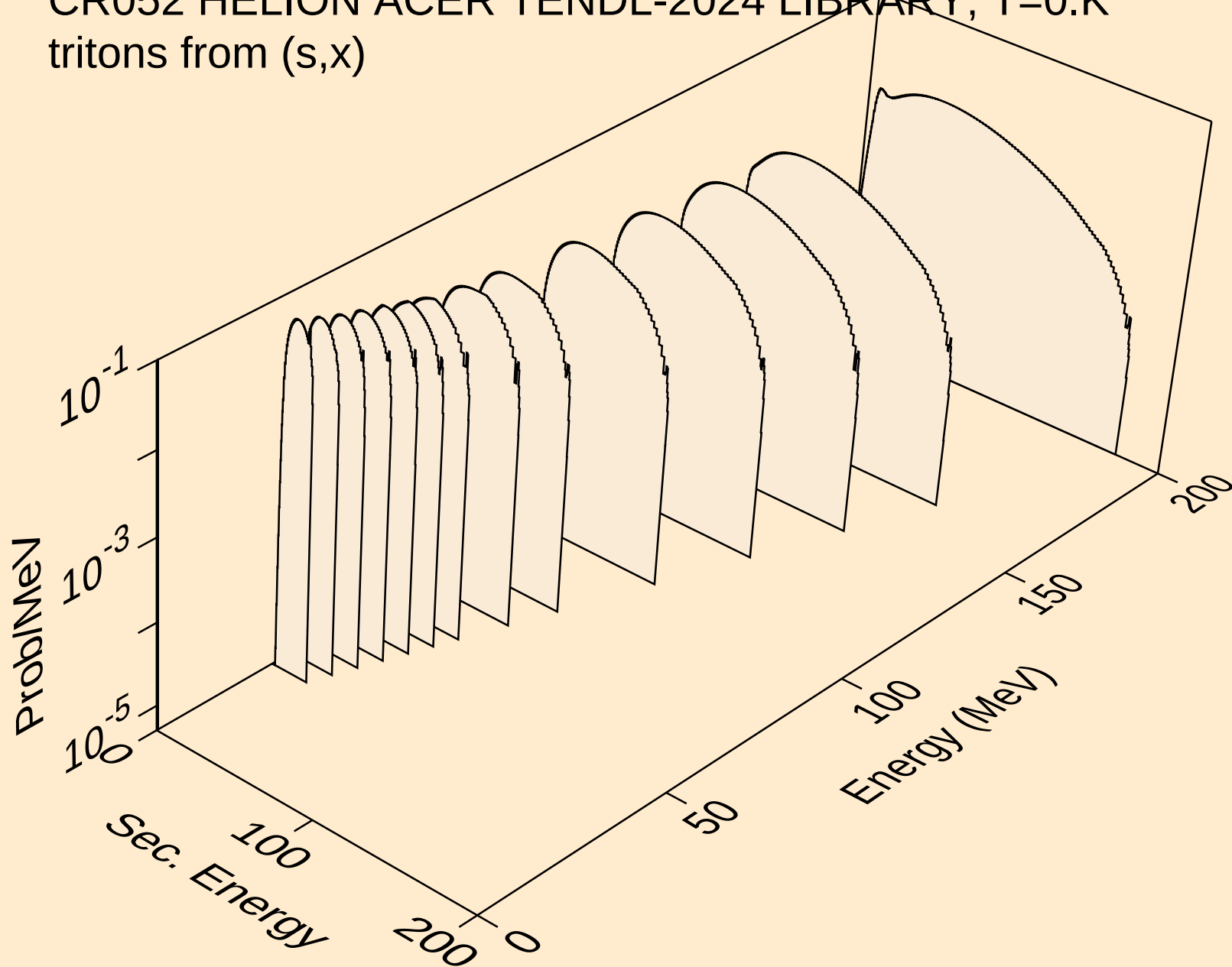
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



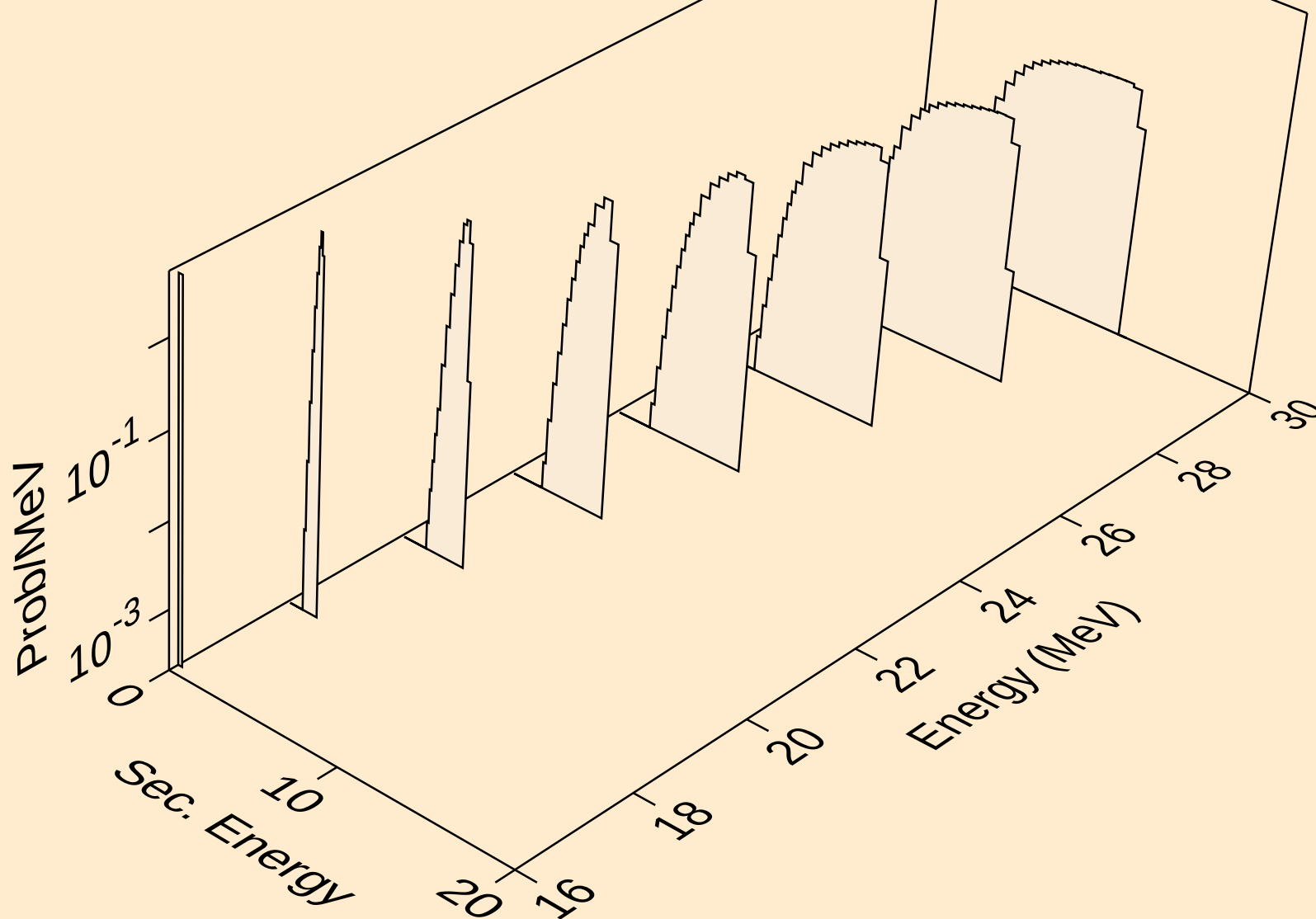
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,da)



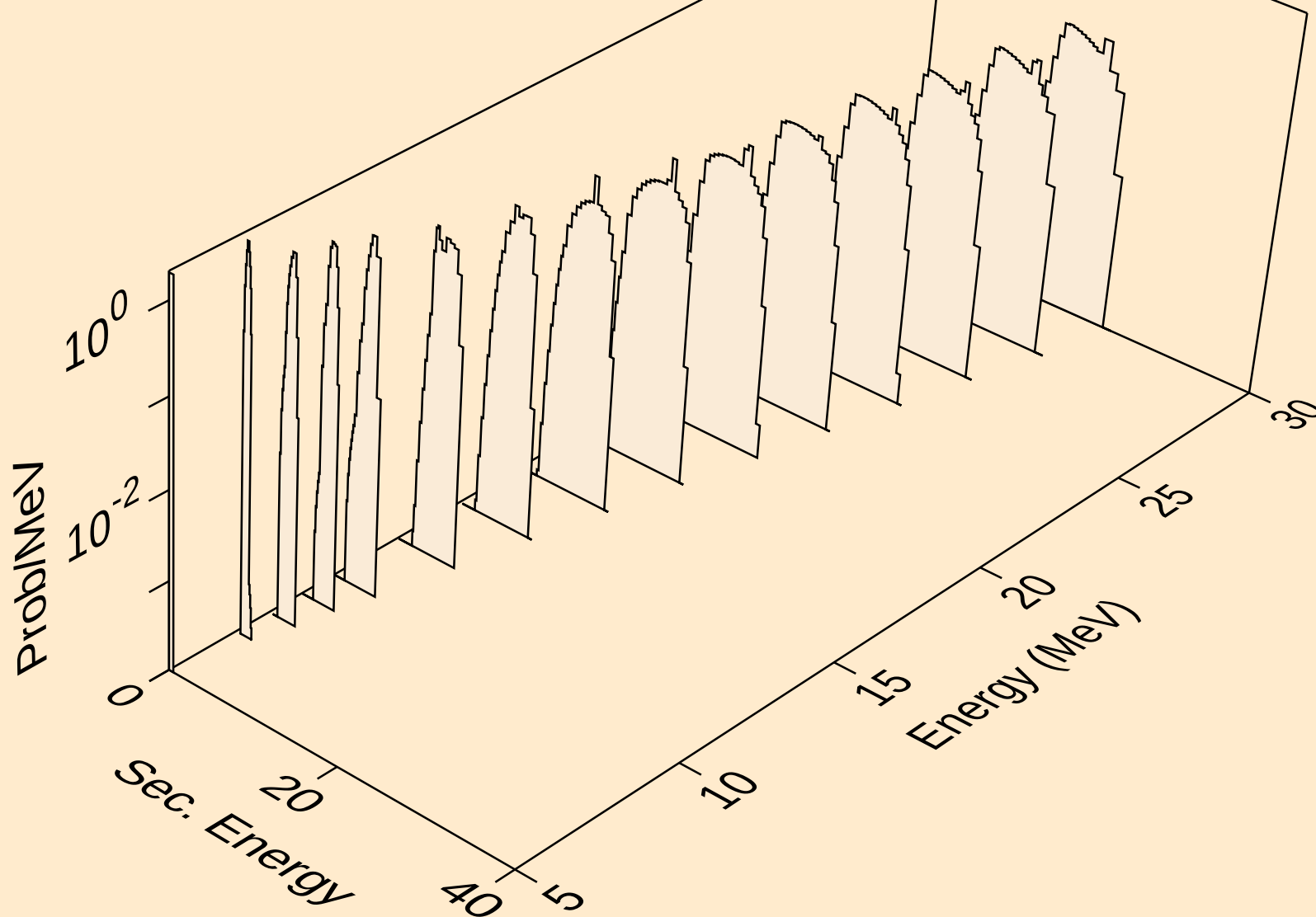
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



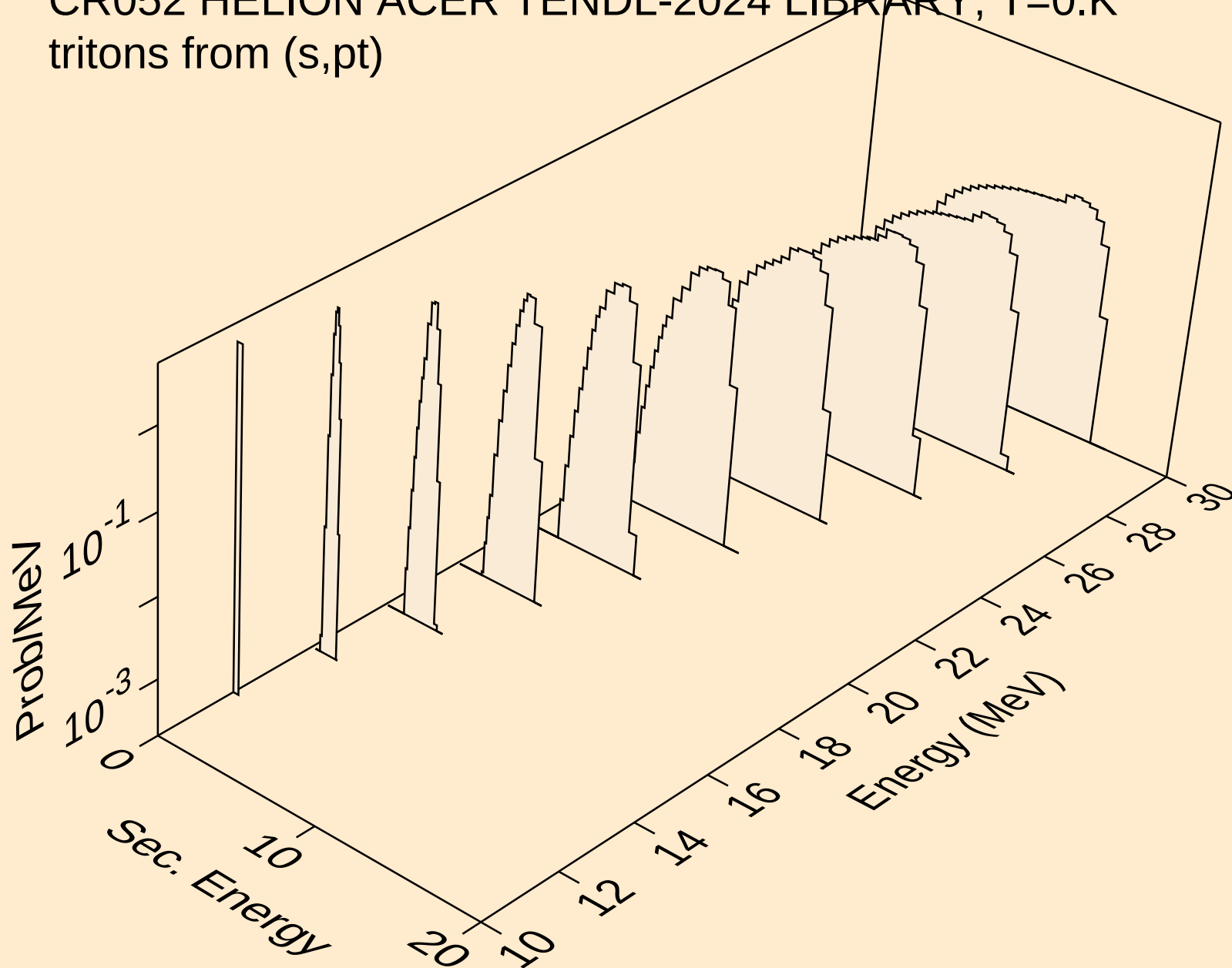
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



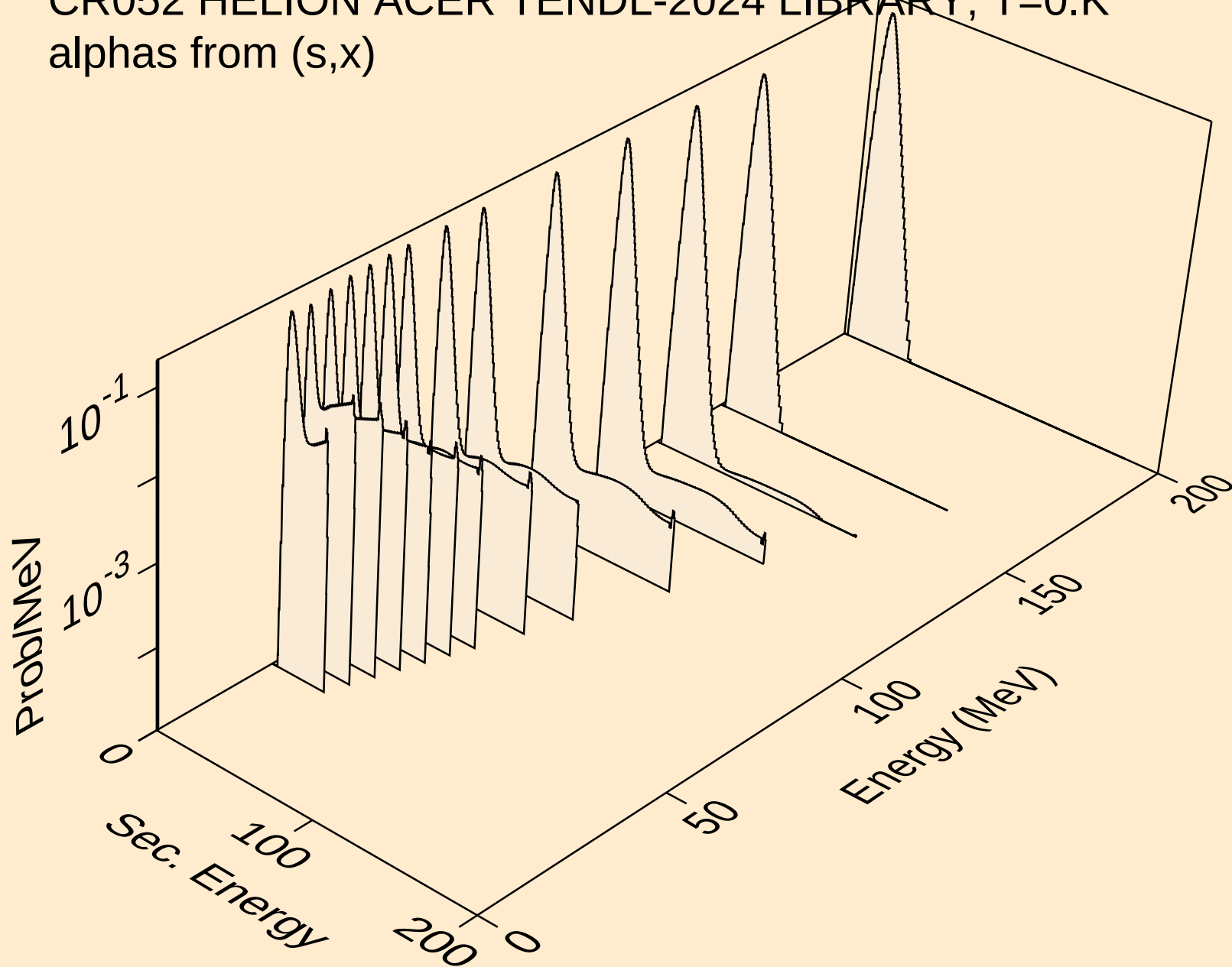
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)



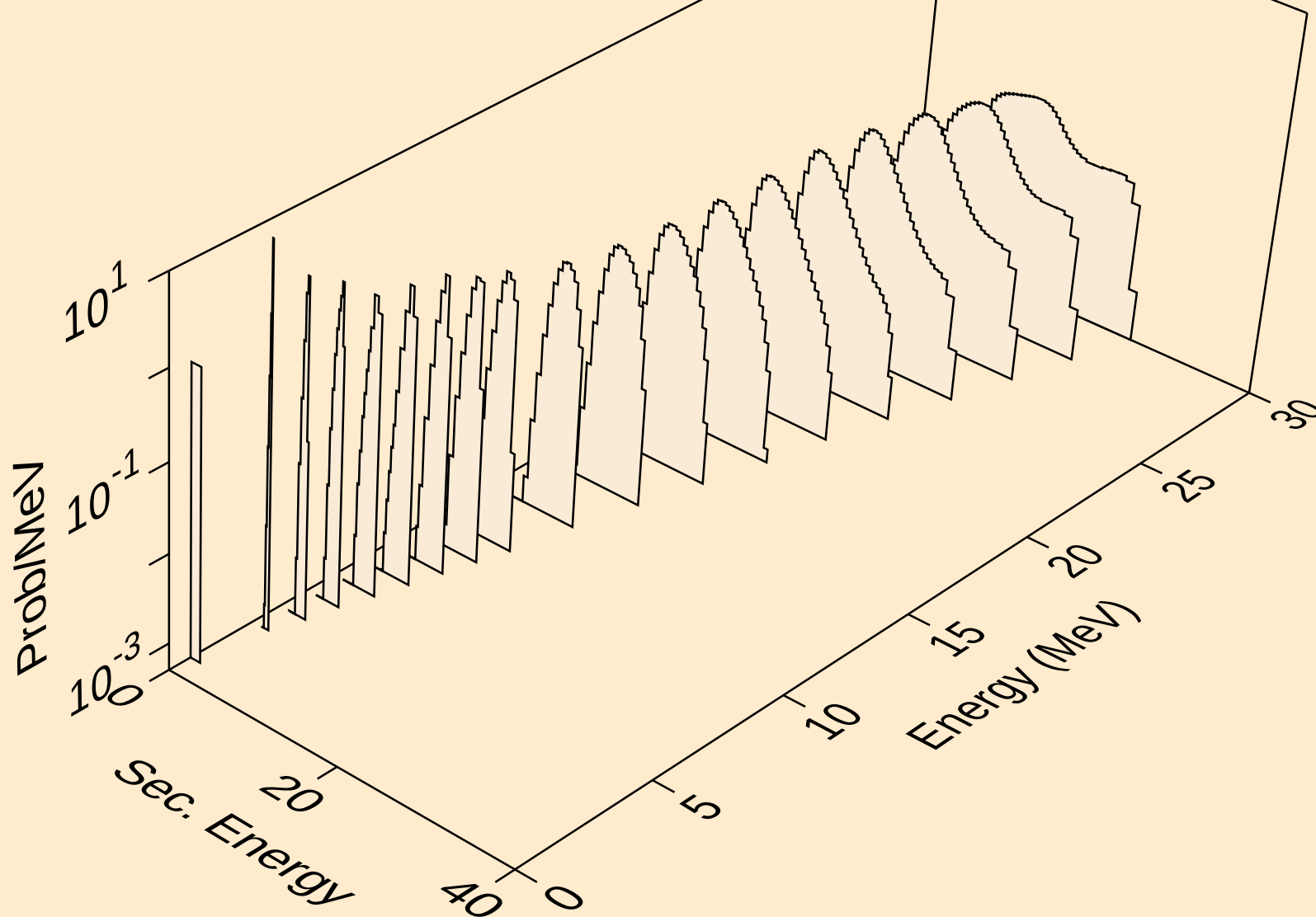
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,pt)



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)

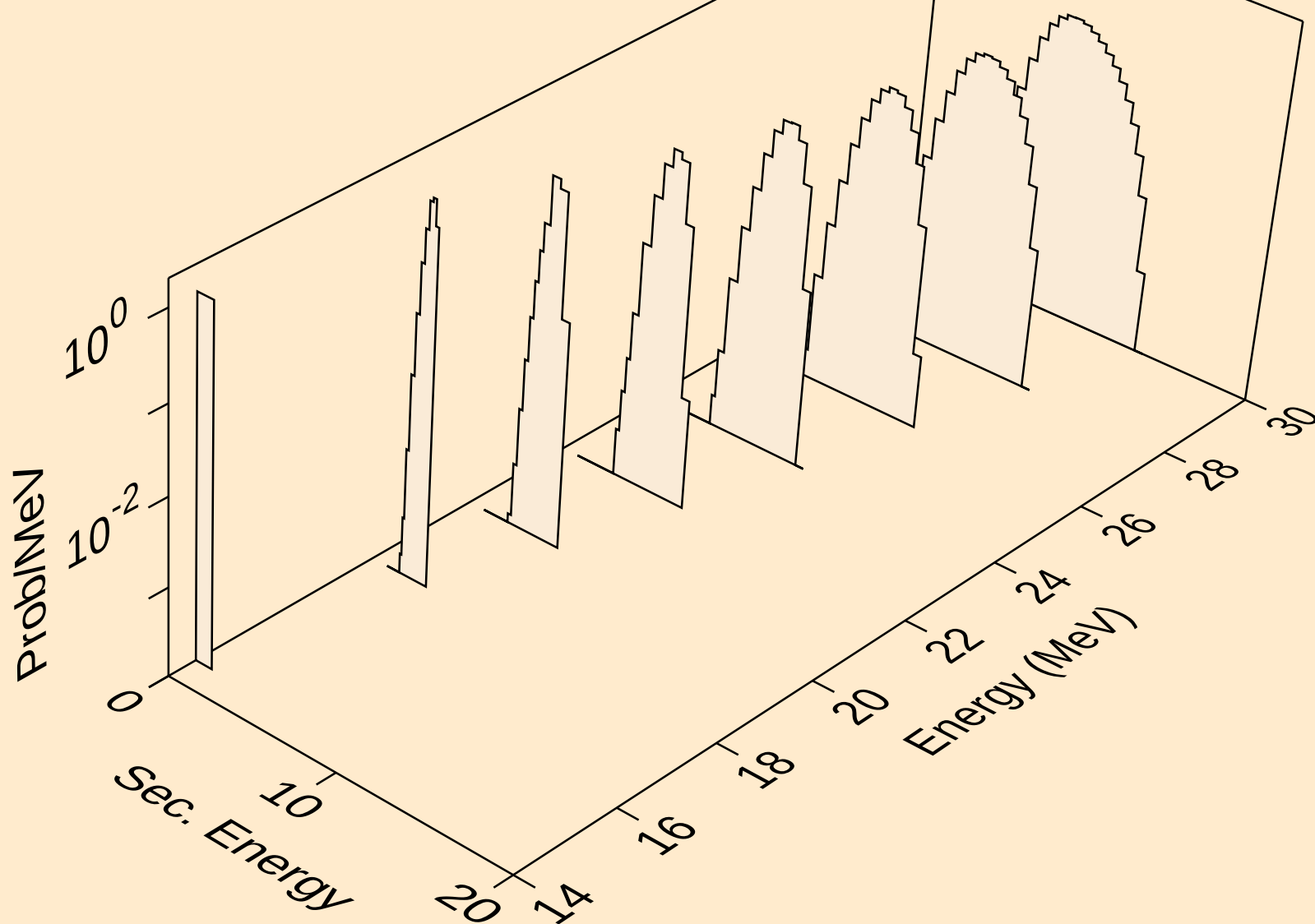


CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a

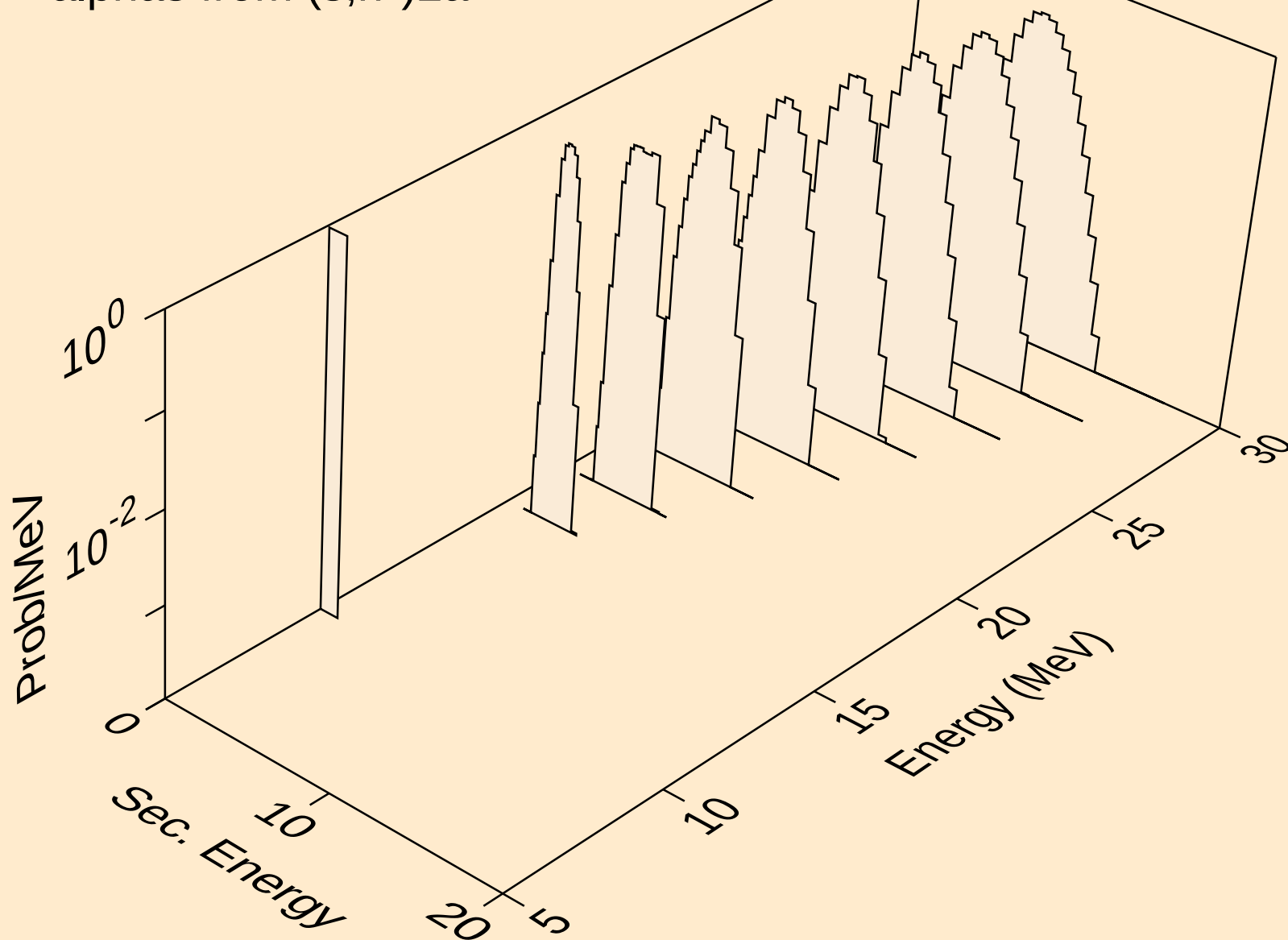




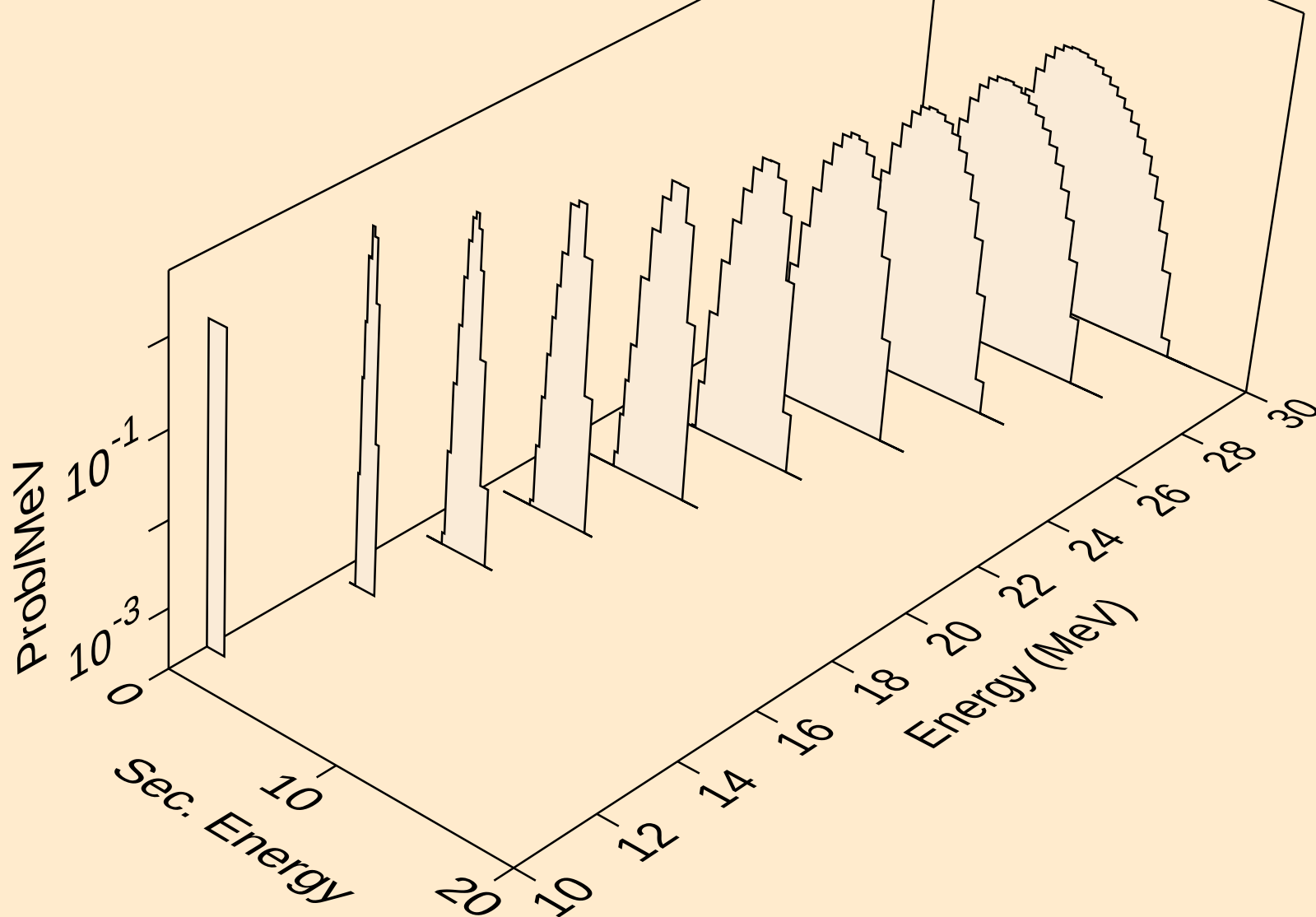
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



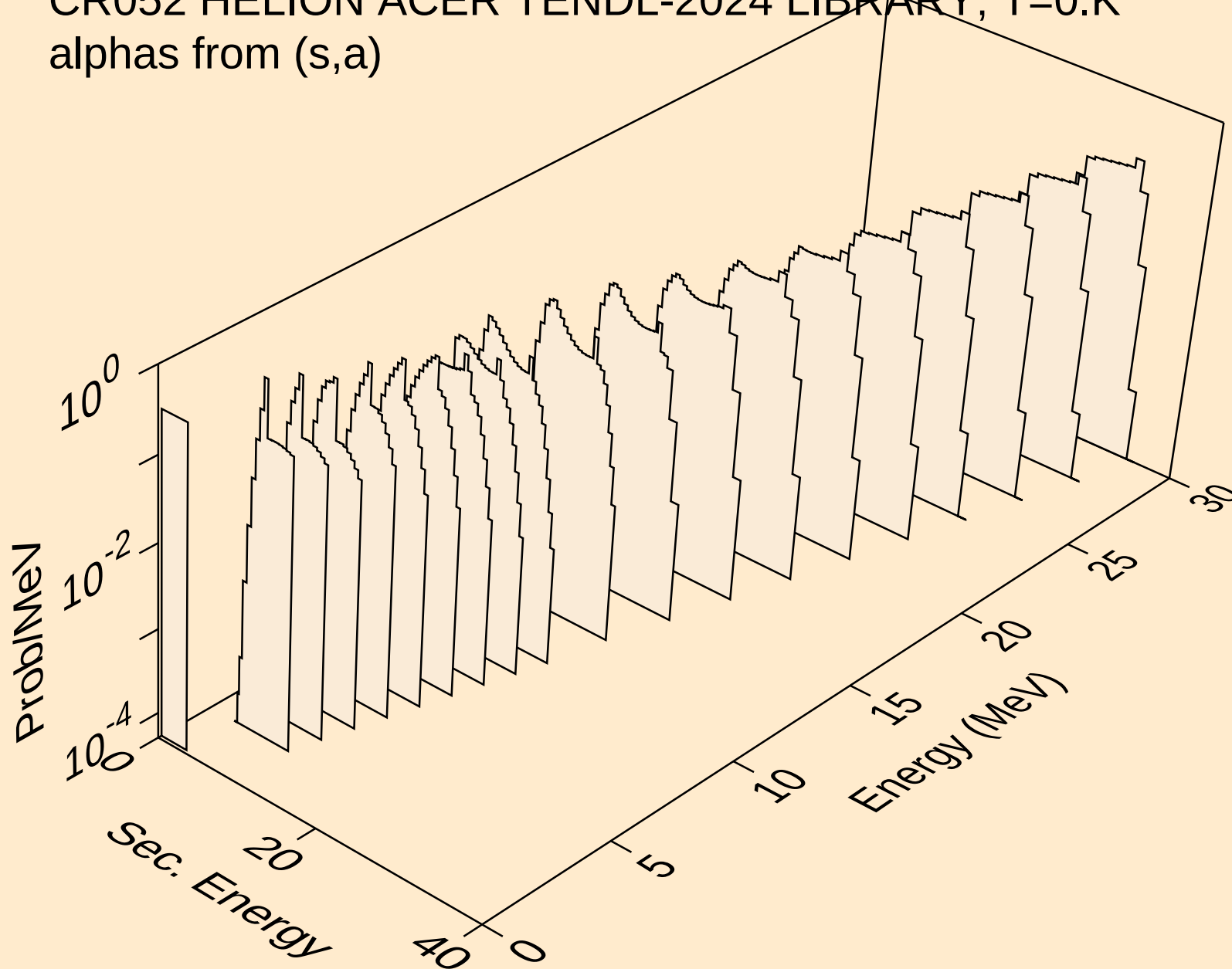
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)2a



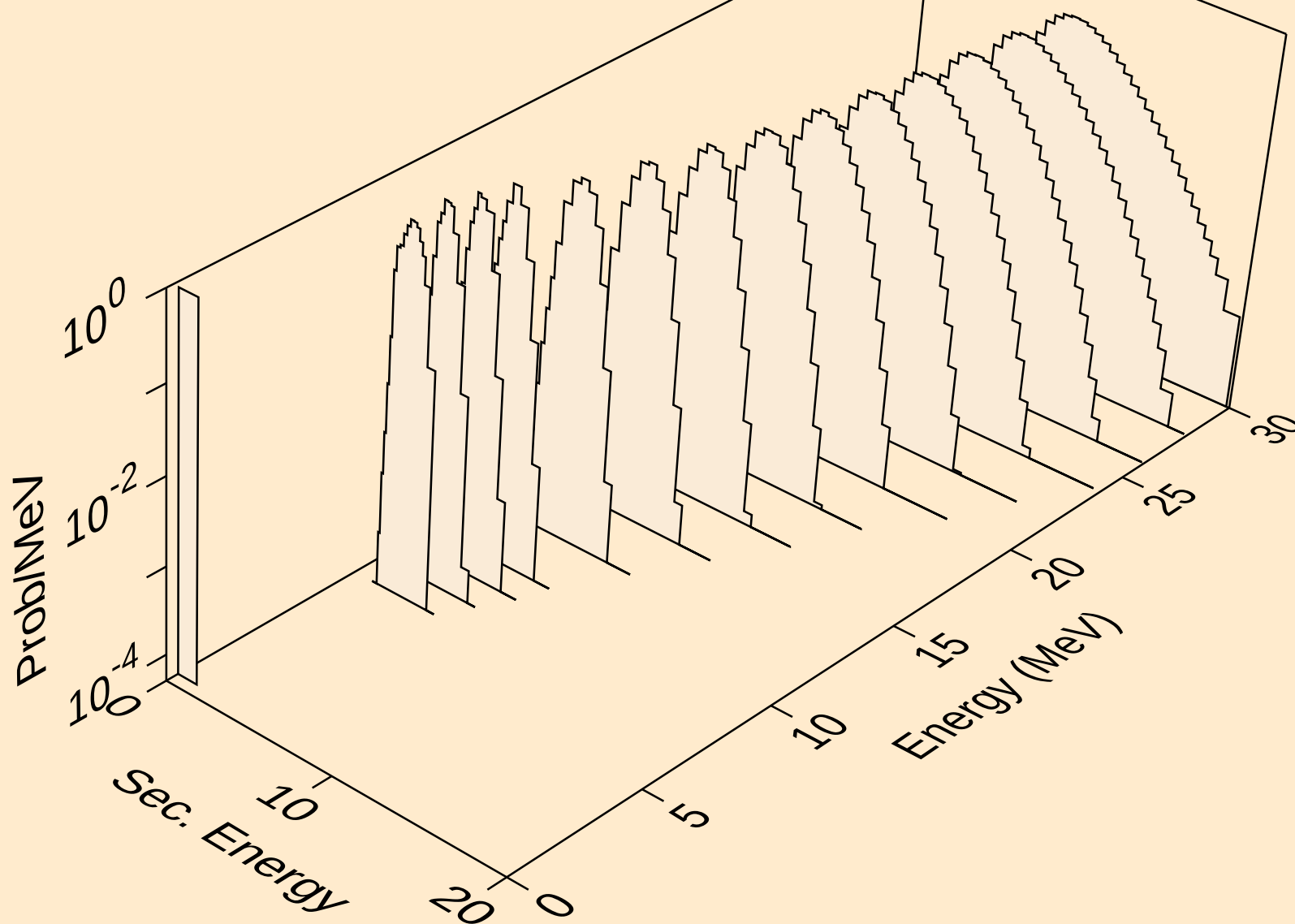
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



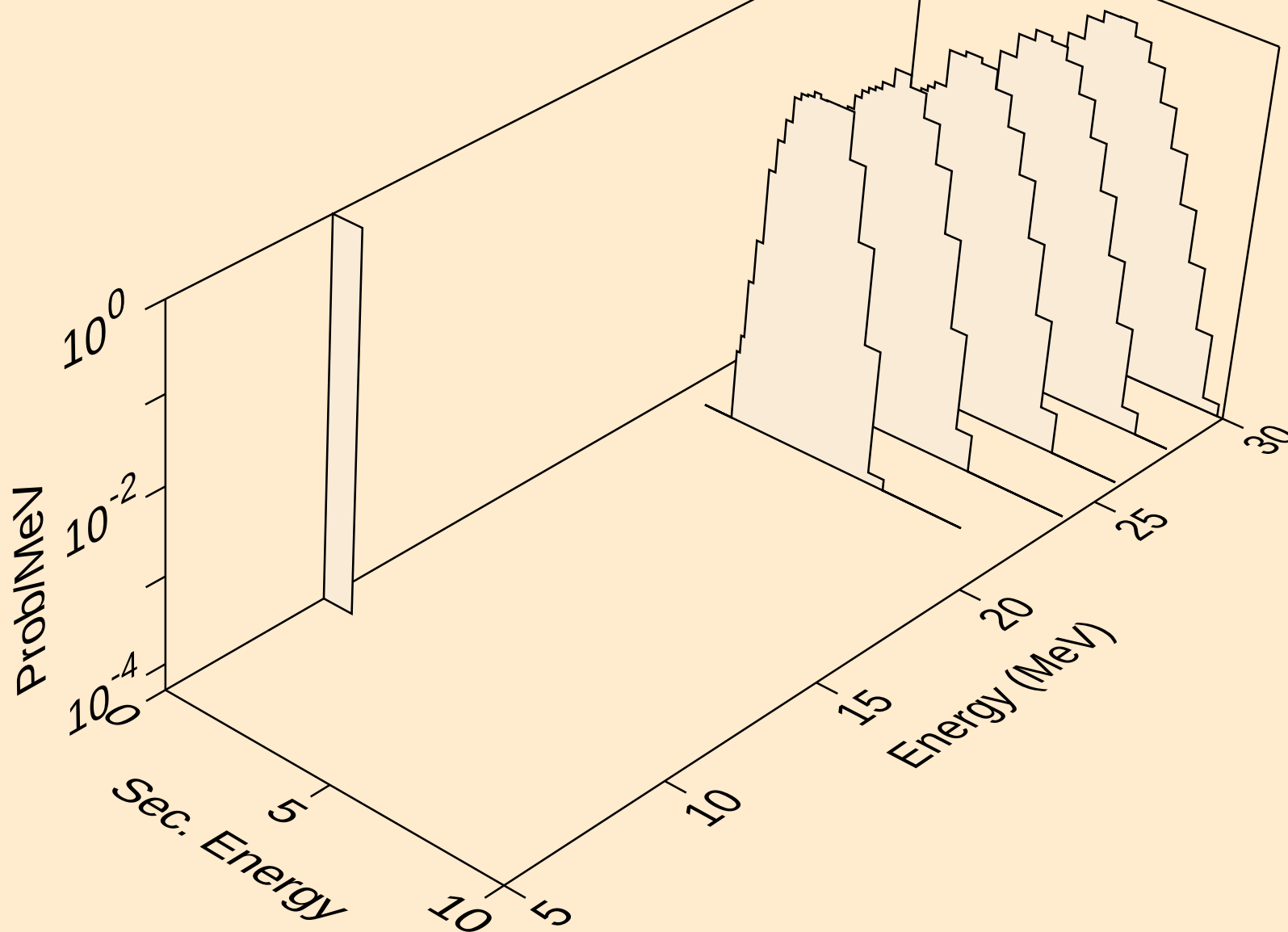
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



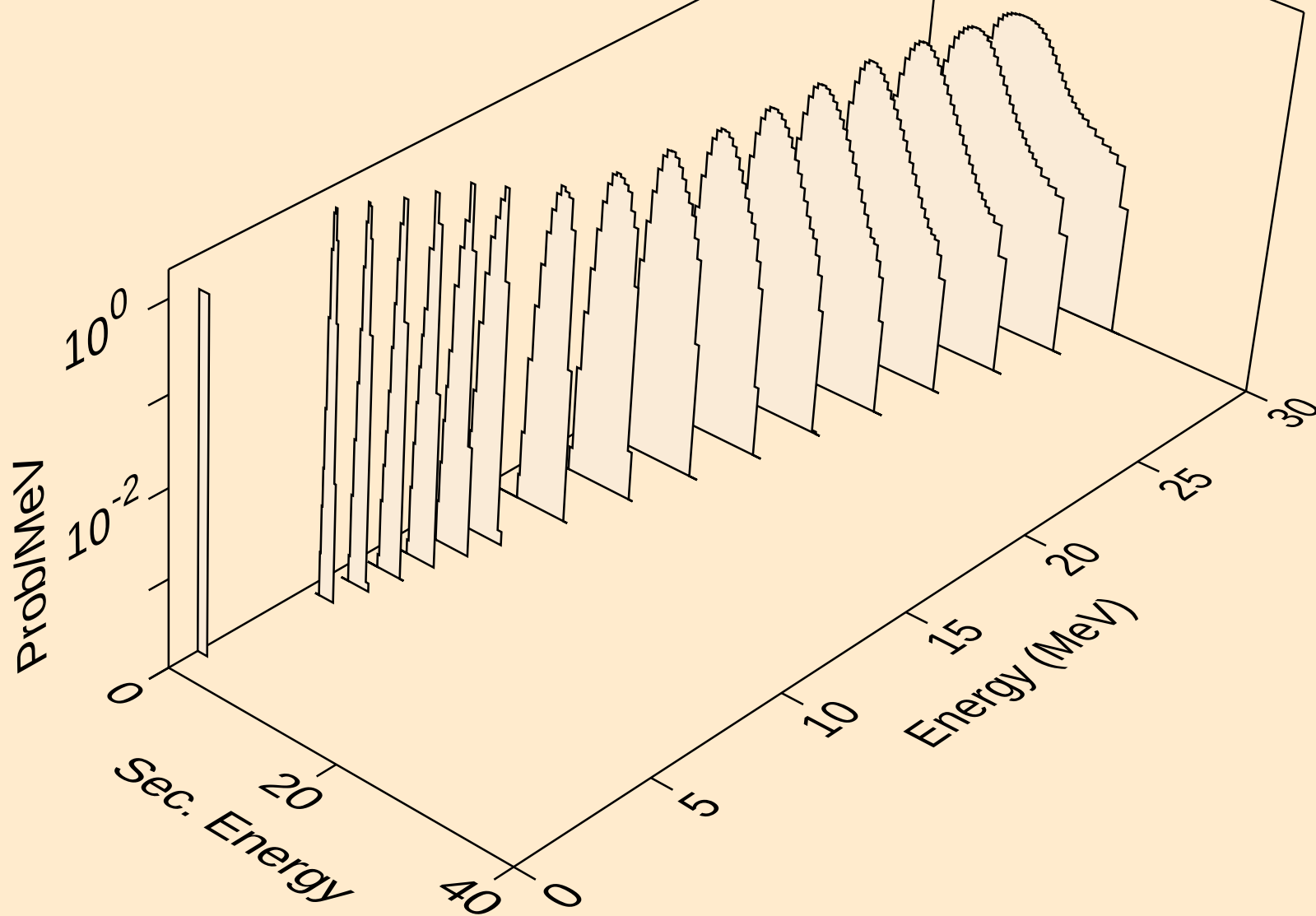
CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3a)



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



CR052 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

