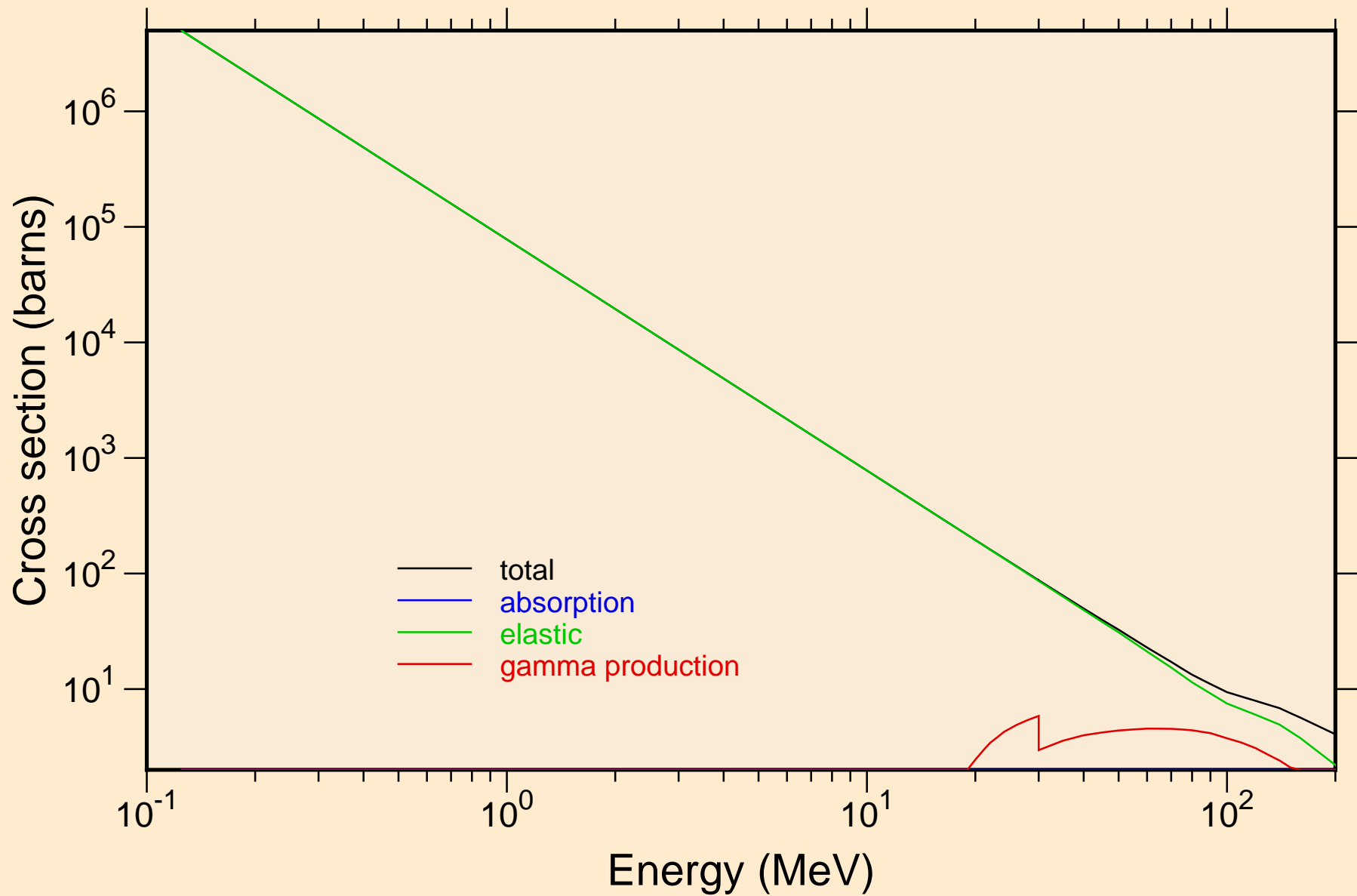
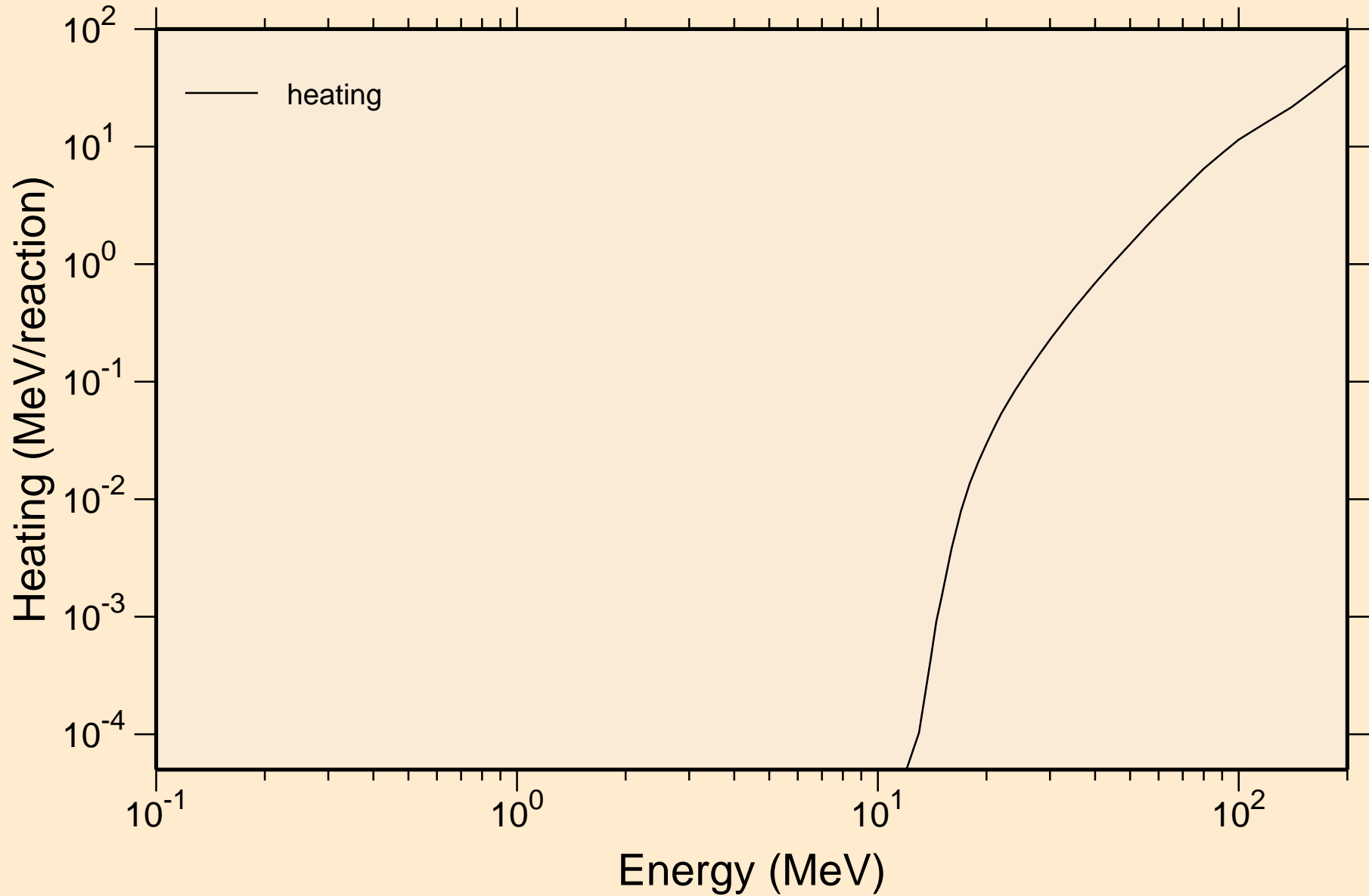


CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



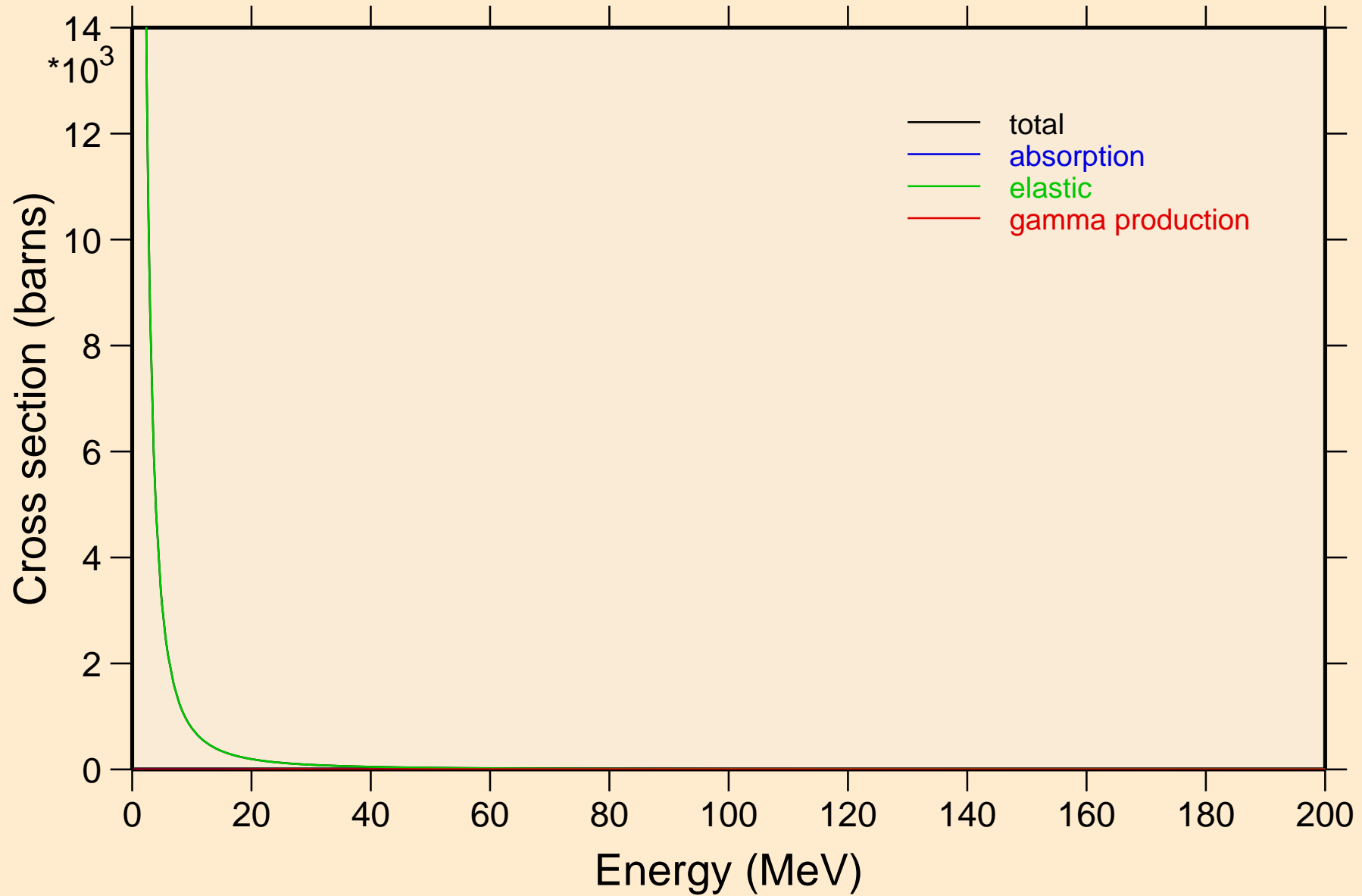
# CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



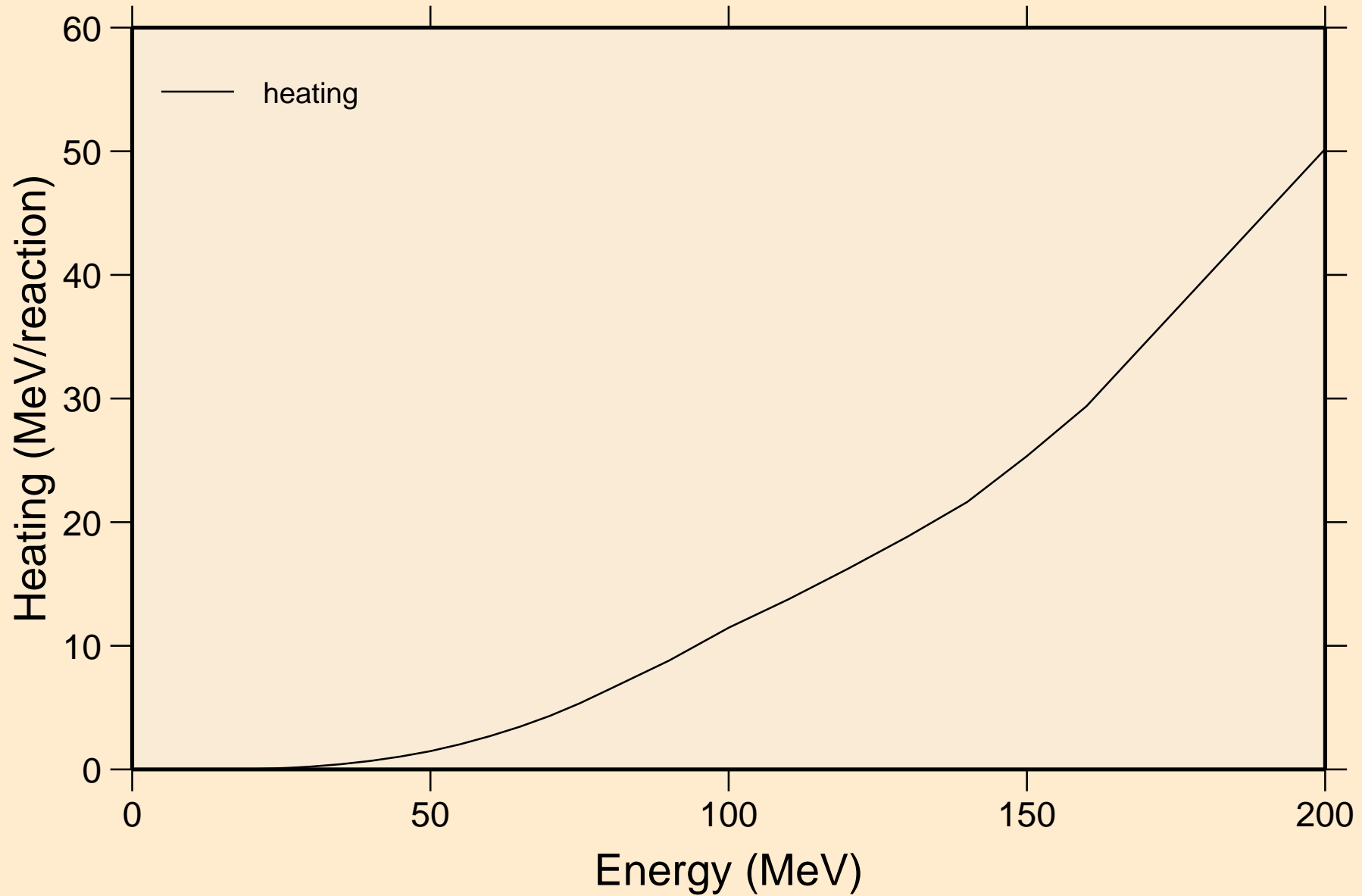
# CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



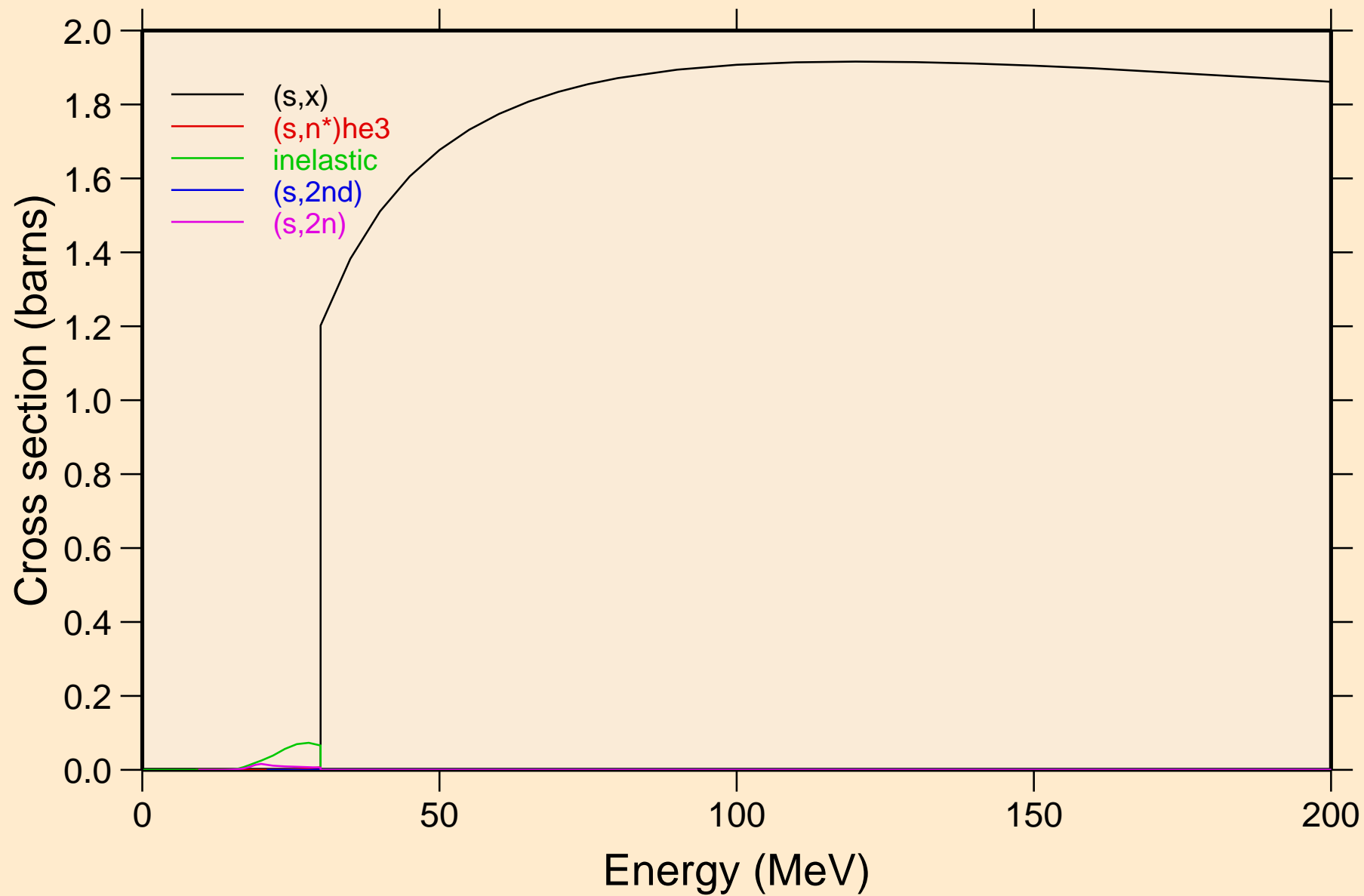
# CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



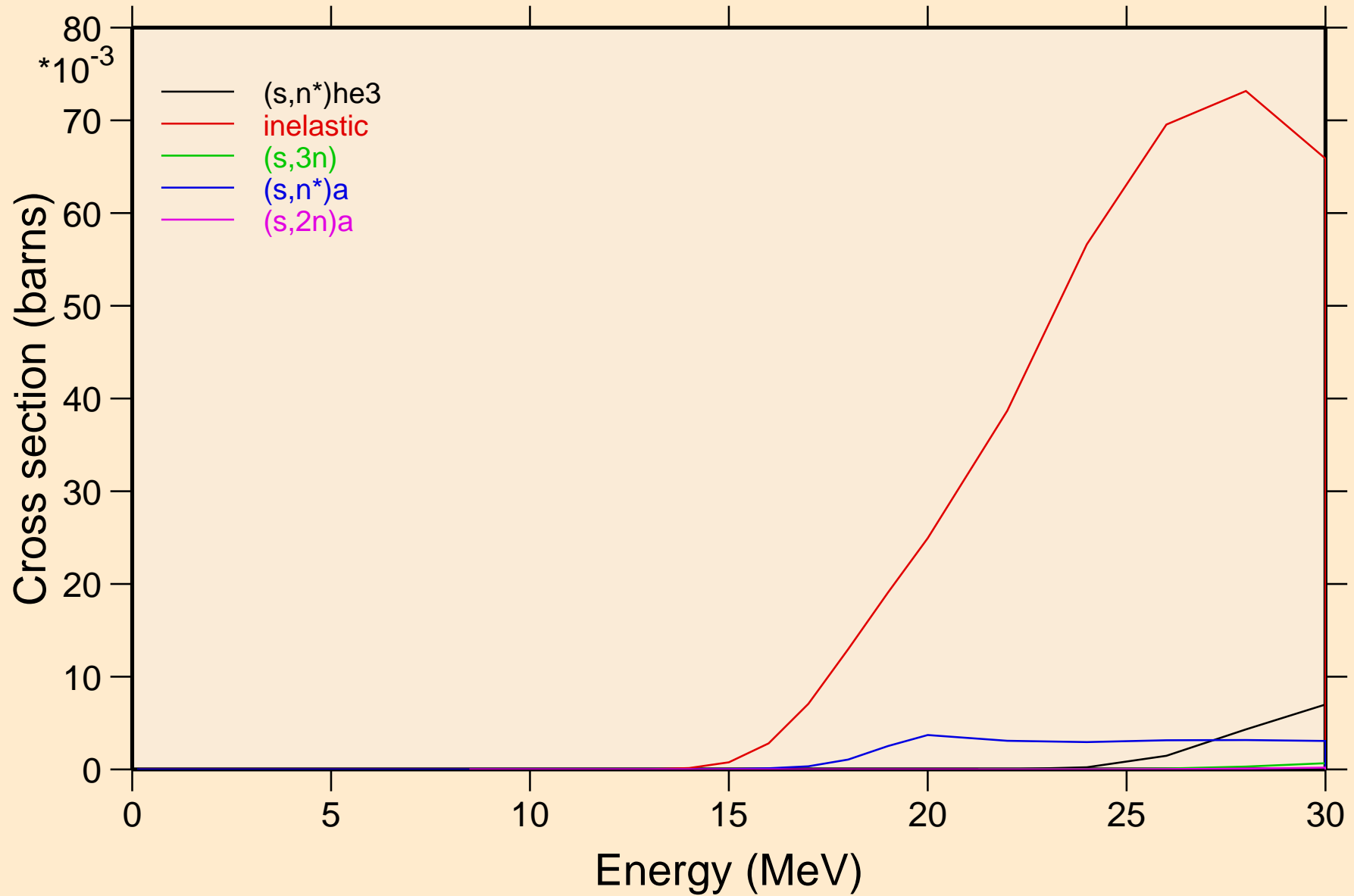
# CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



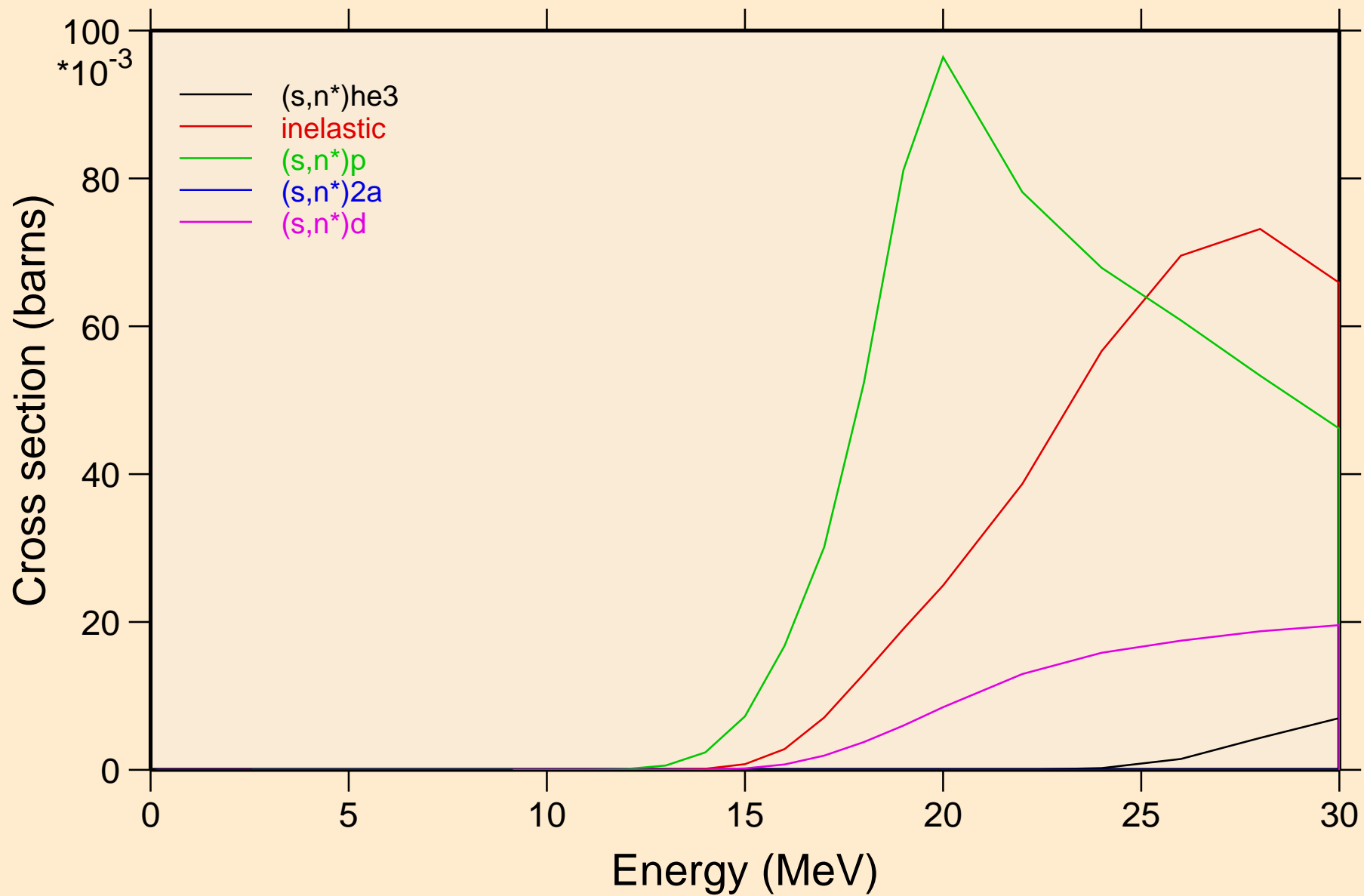
# CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



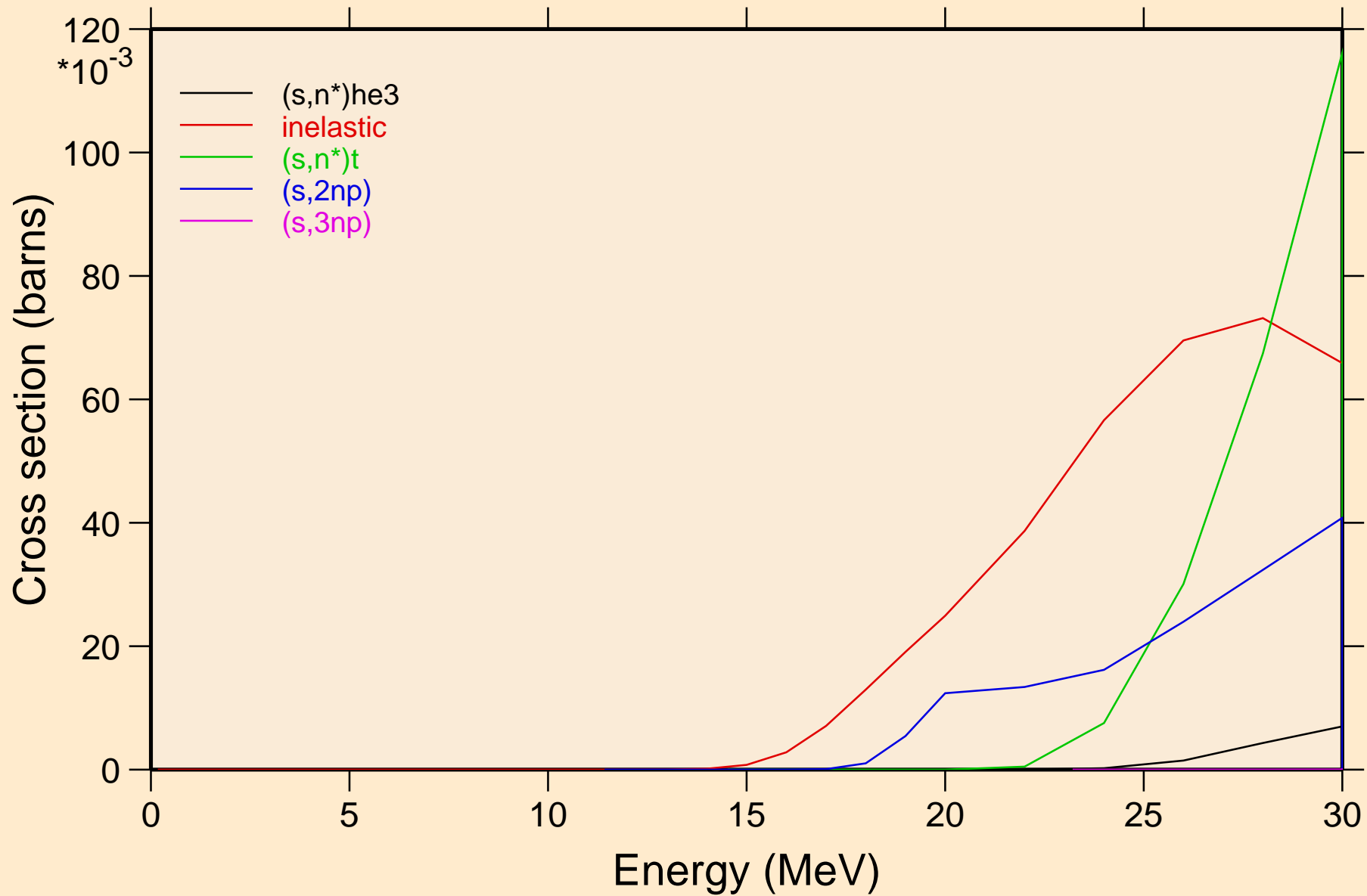
# CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K

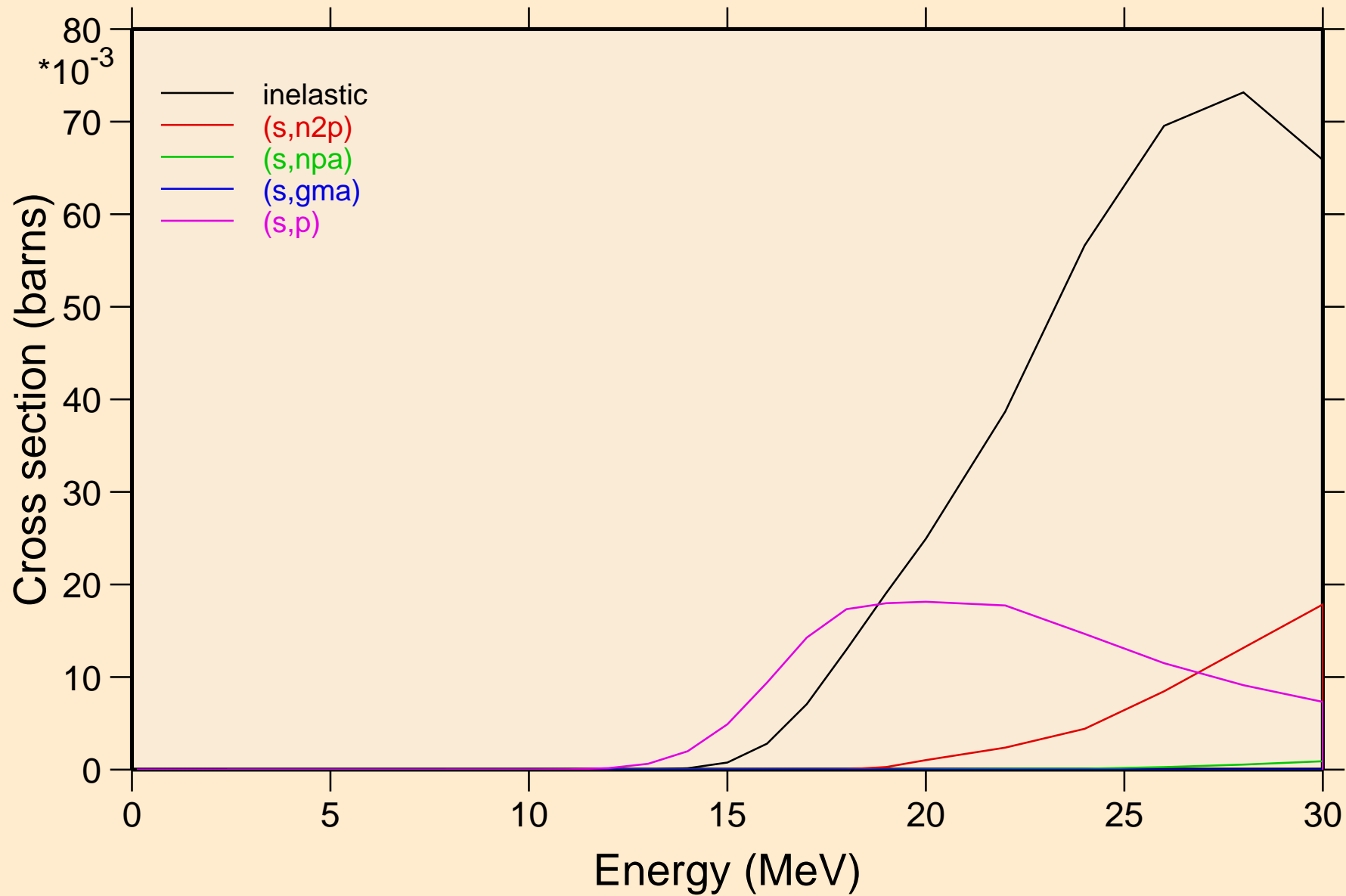
## Threshold reactions





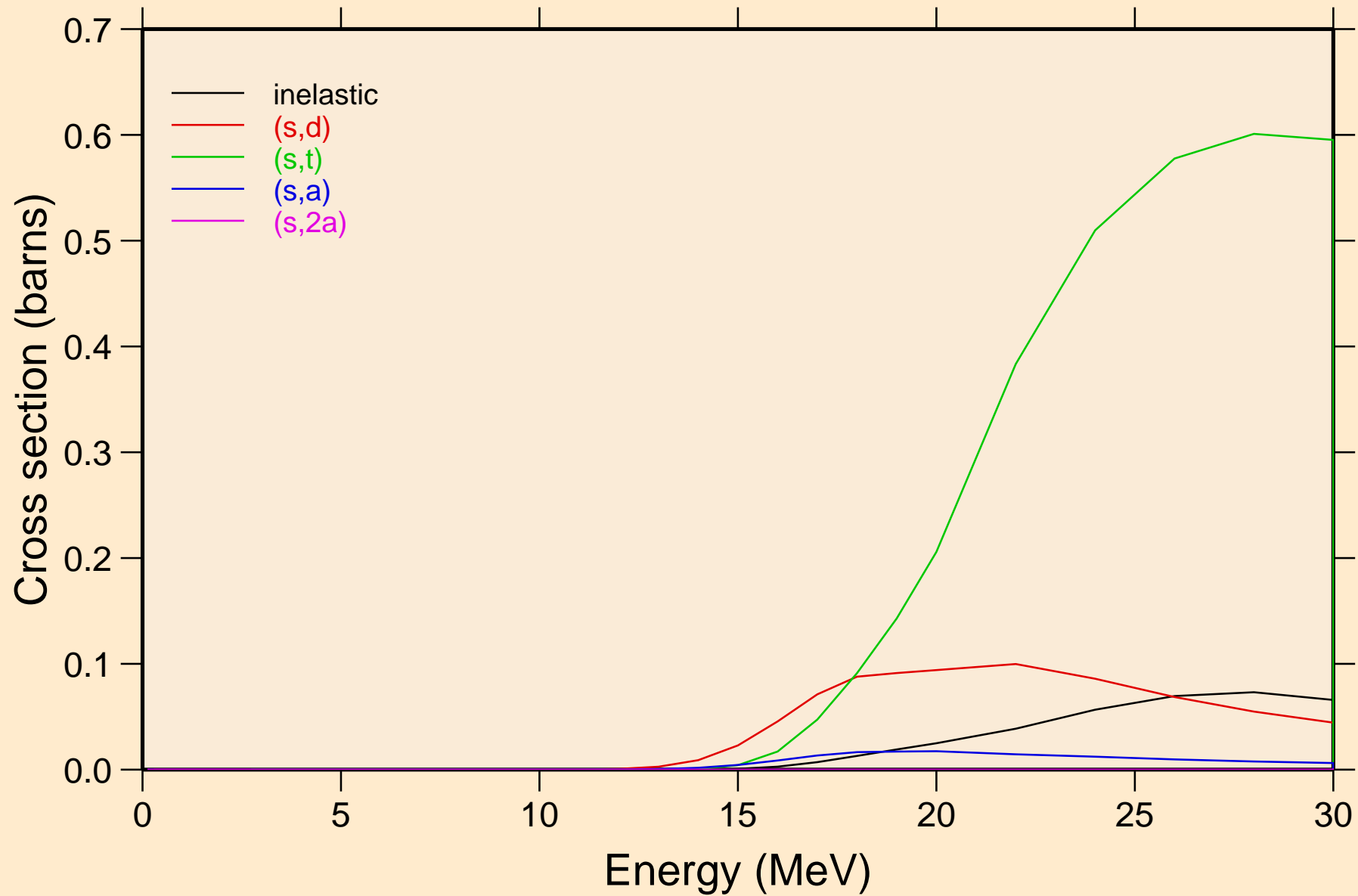
# CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



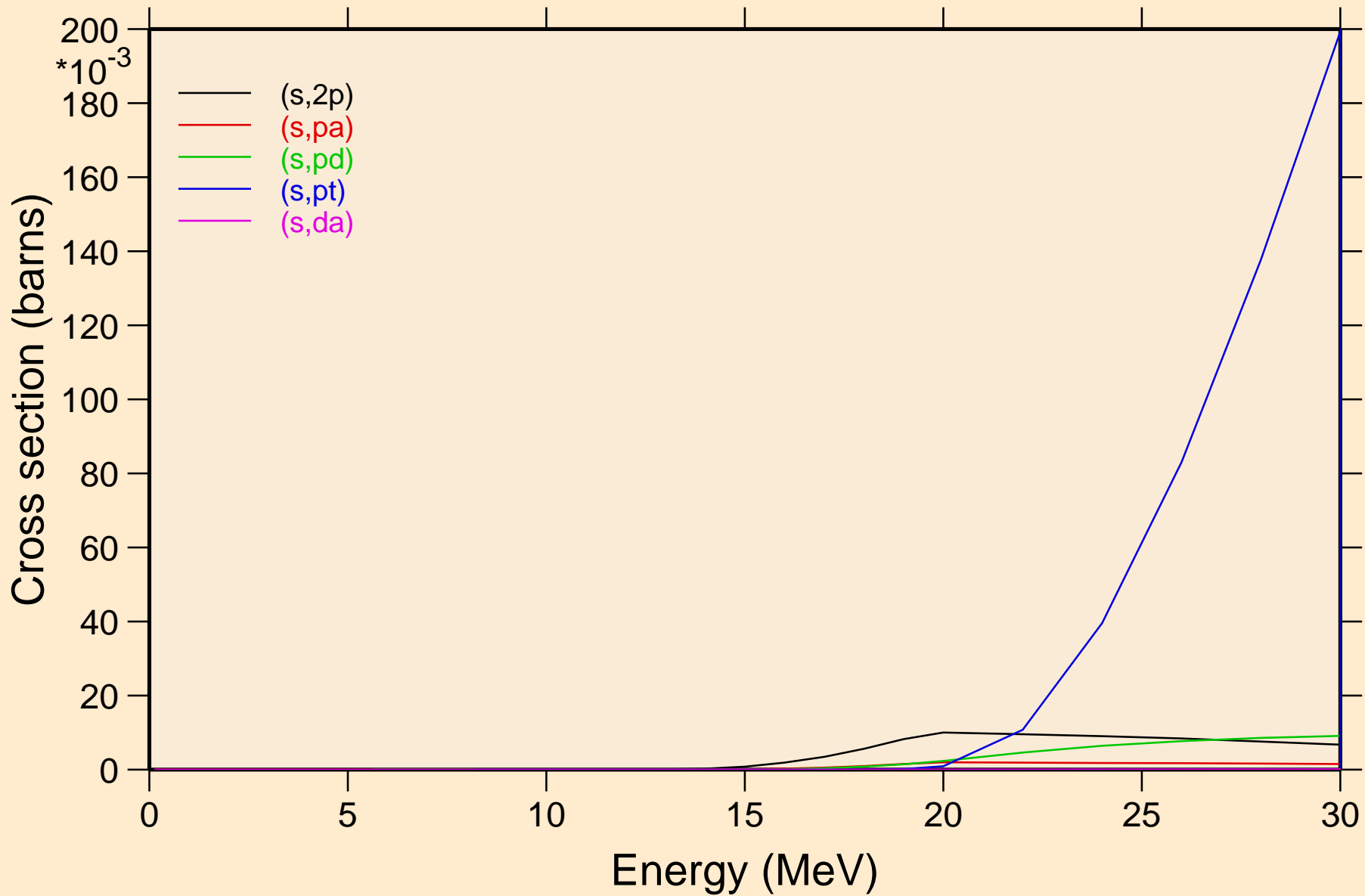
# CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

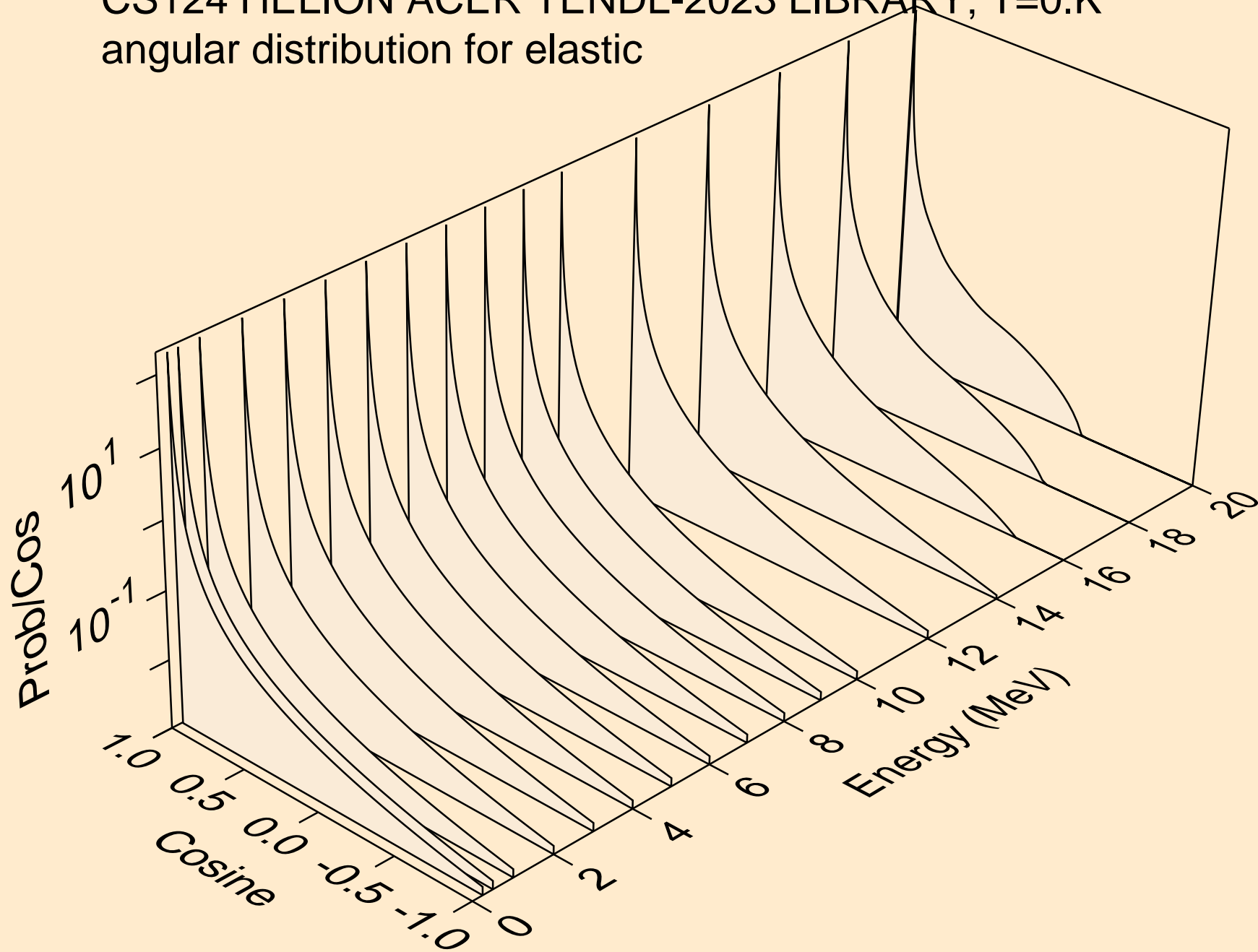


# CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K

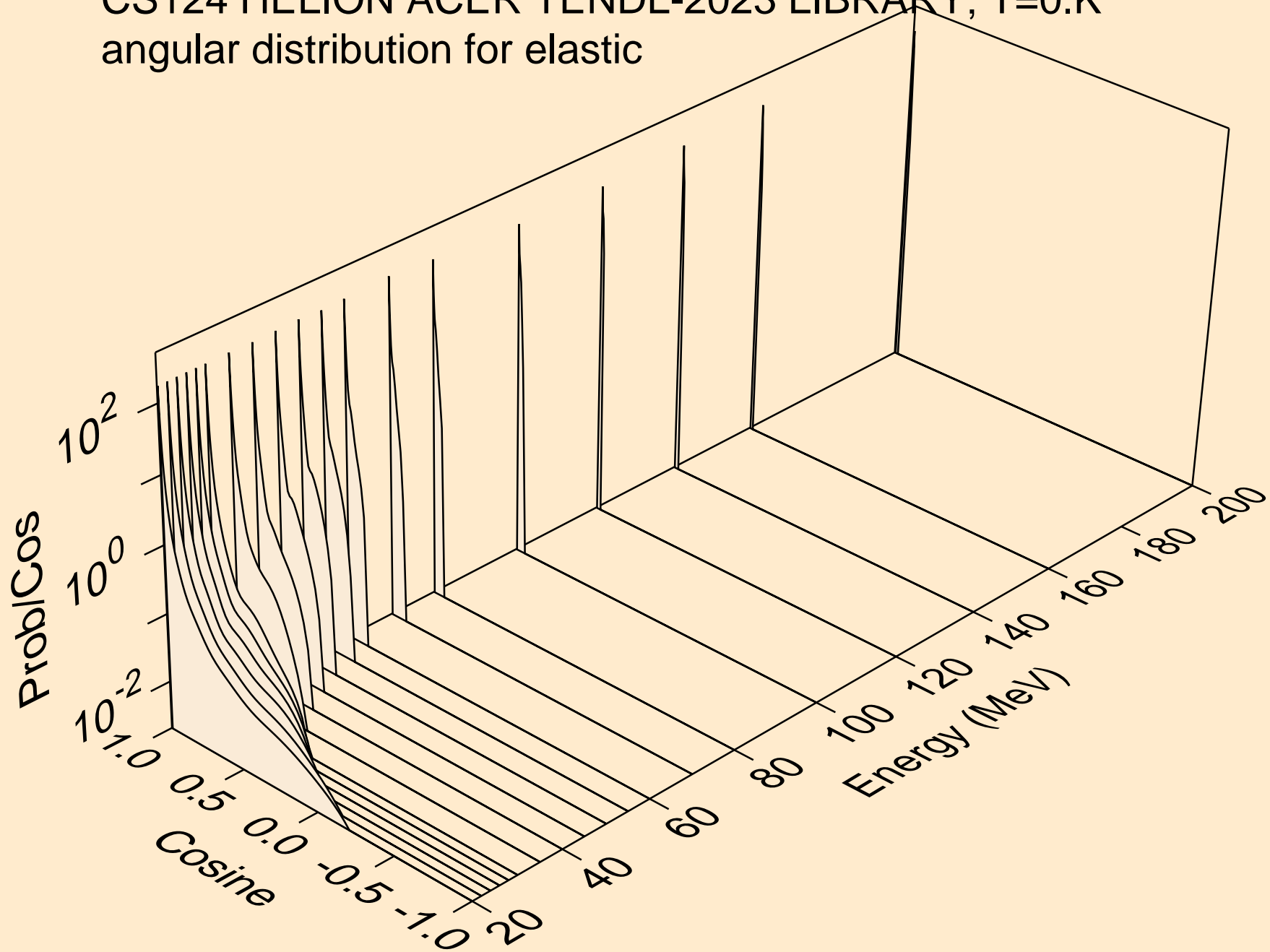
## Threshold reactions



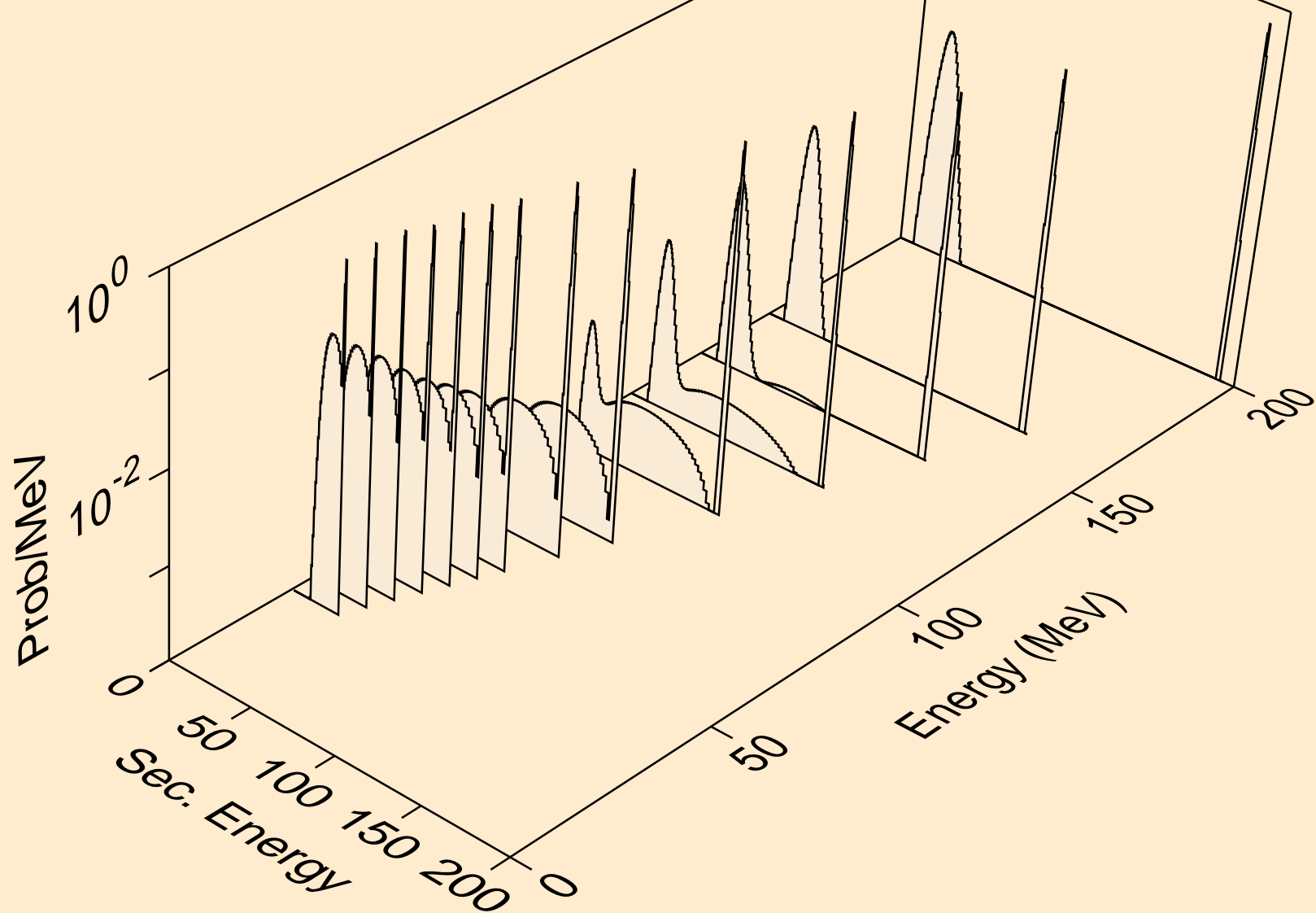
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



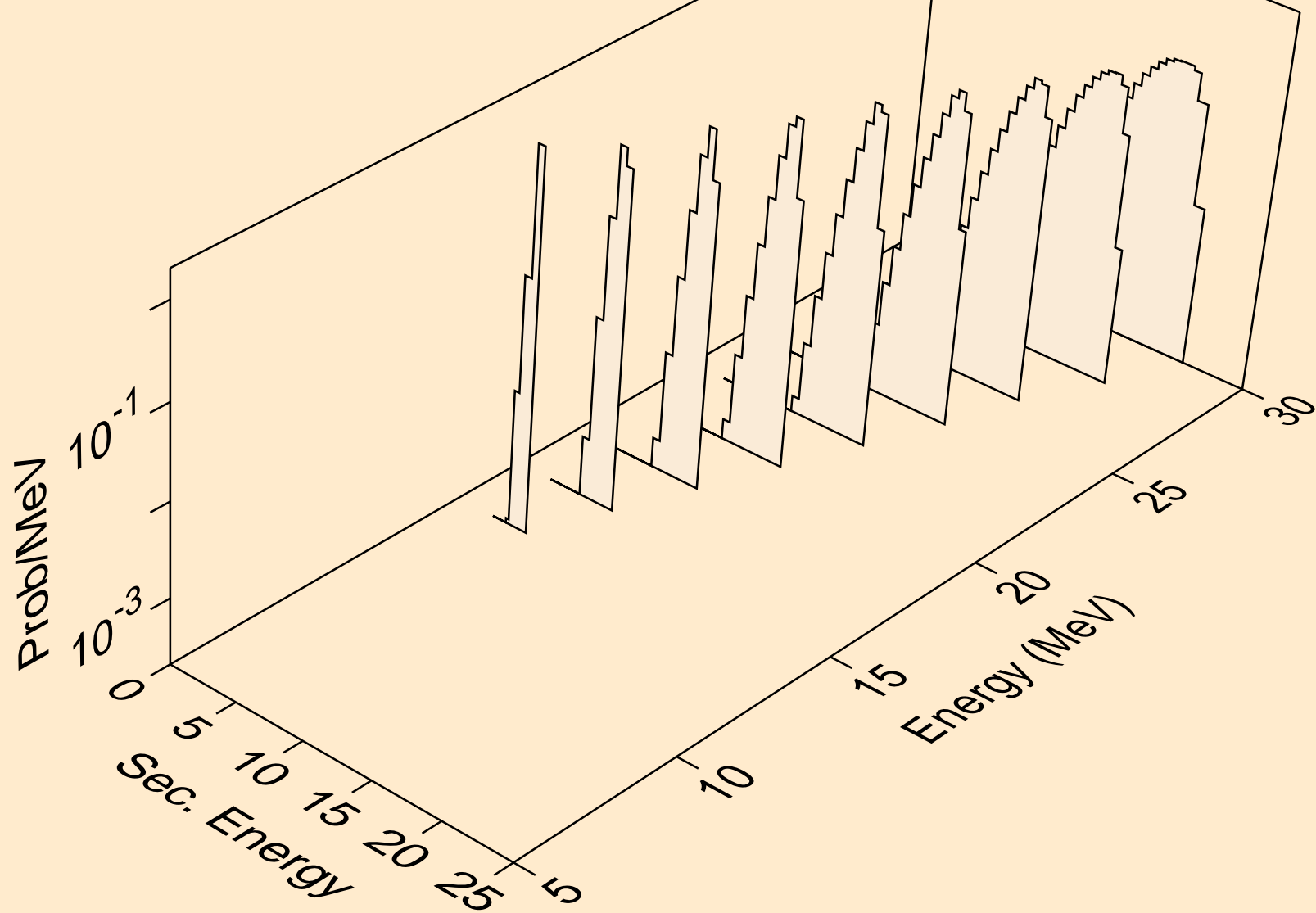
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



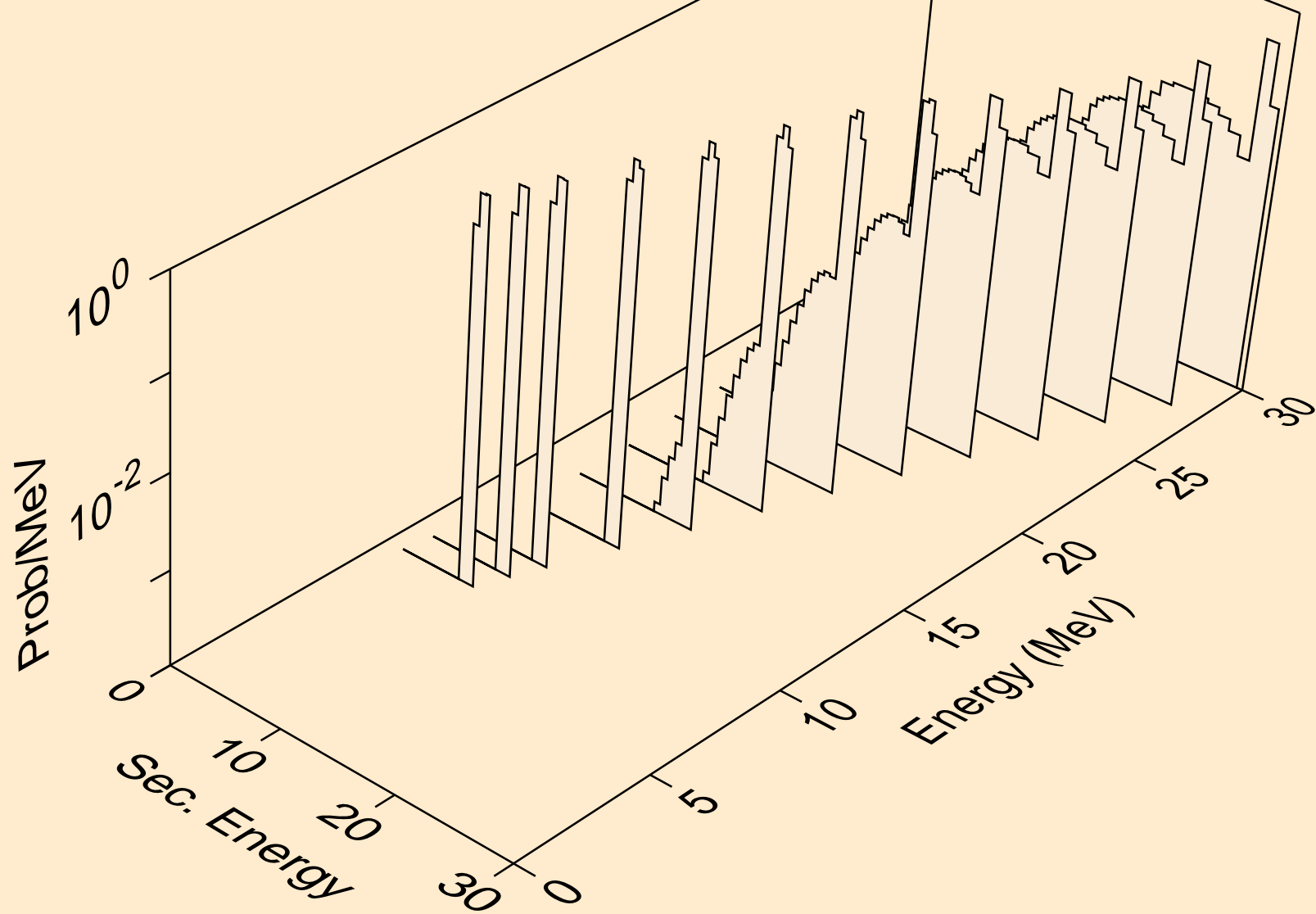
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

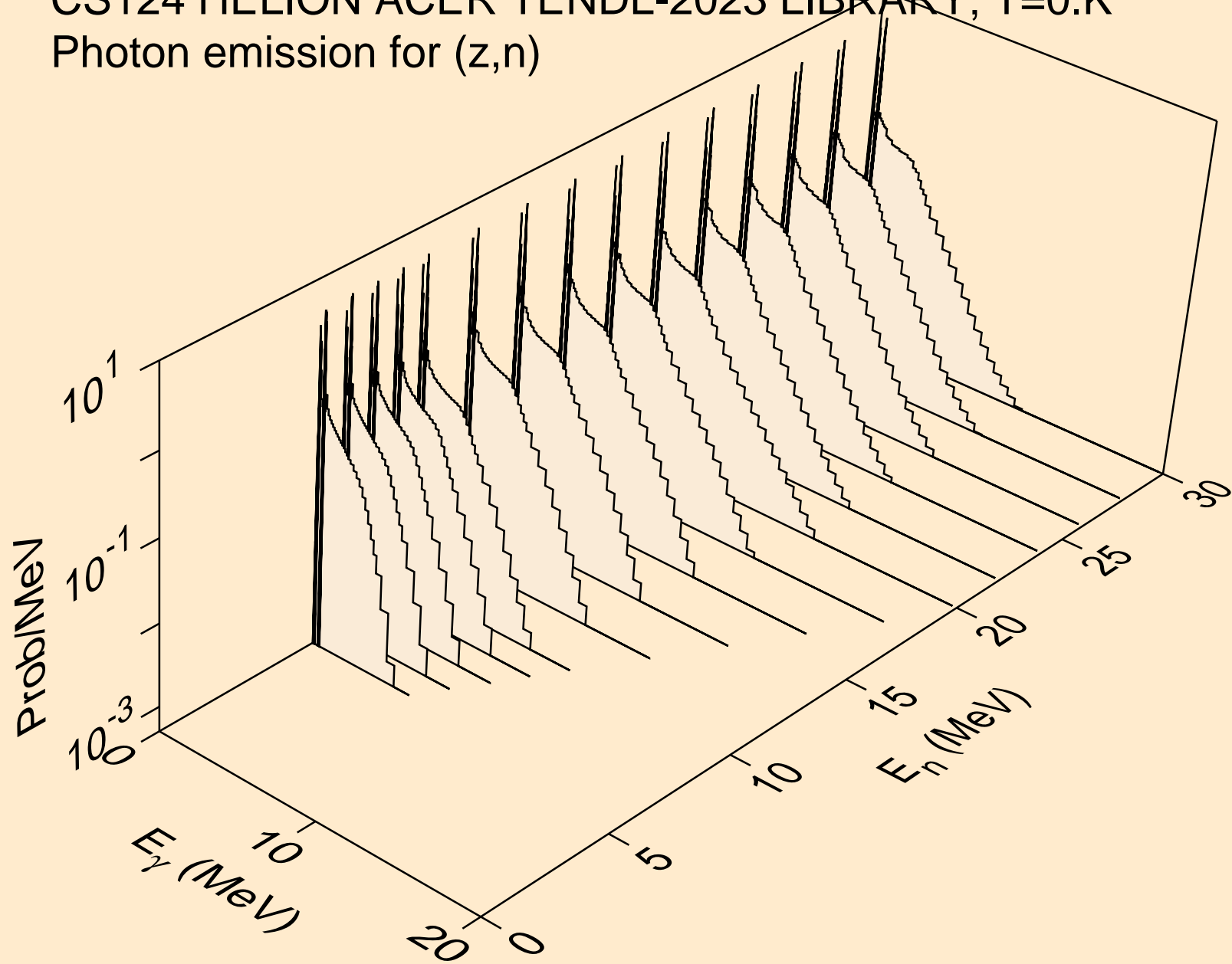


CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

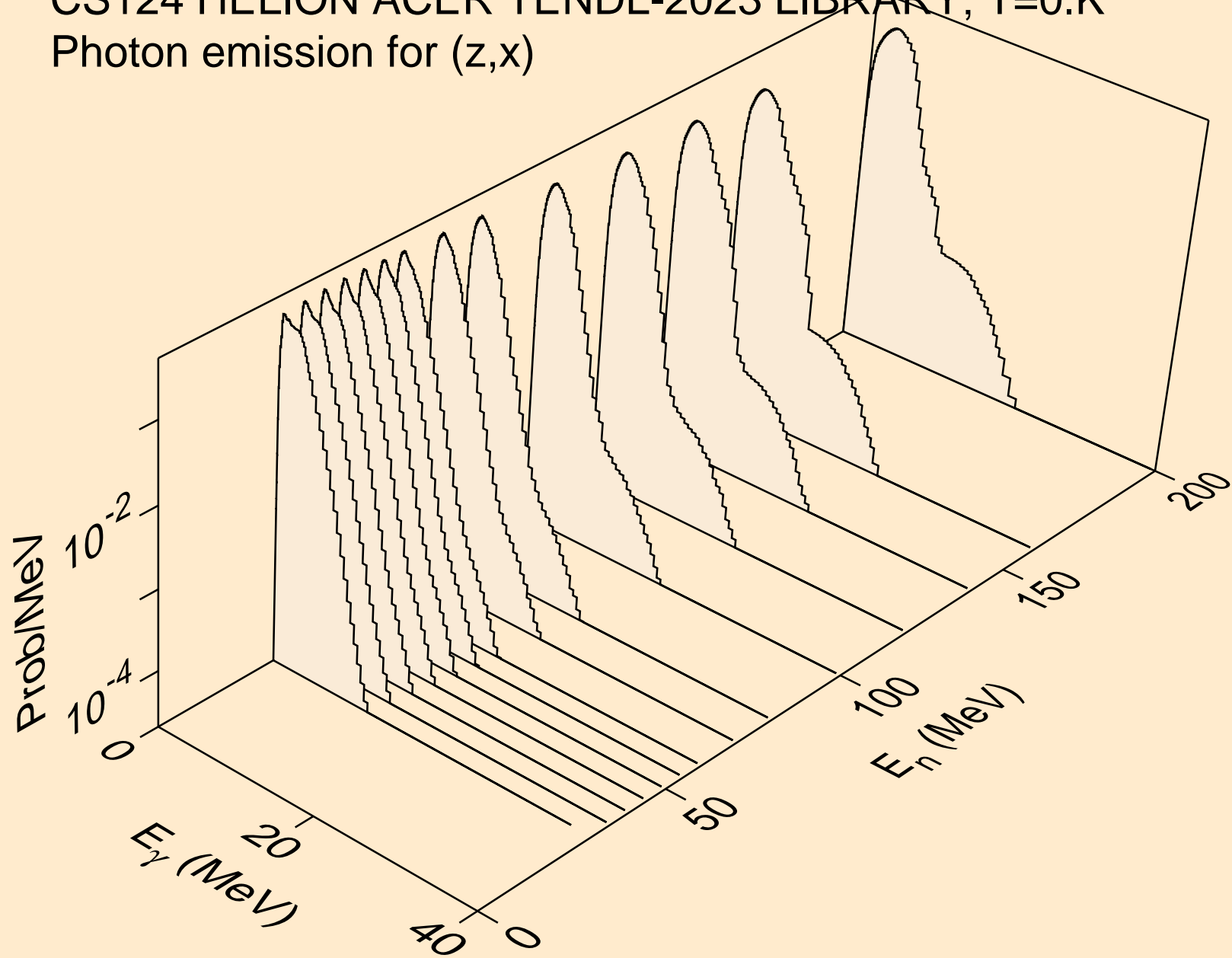




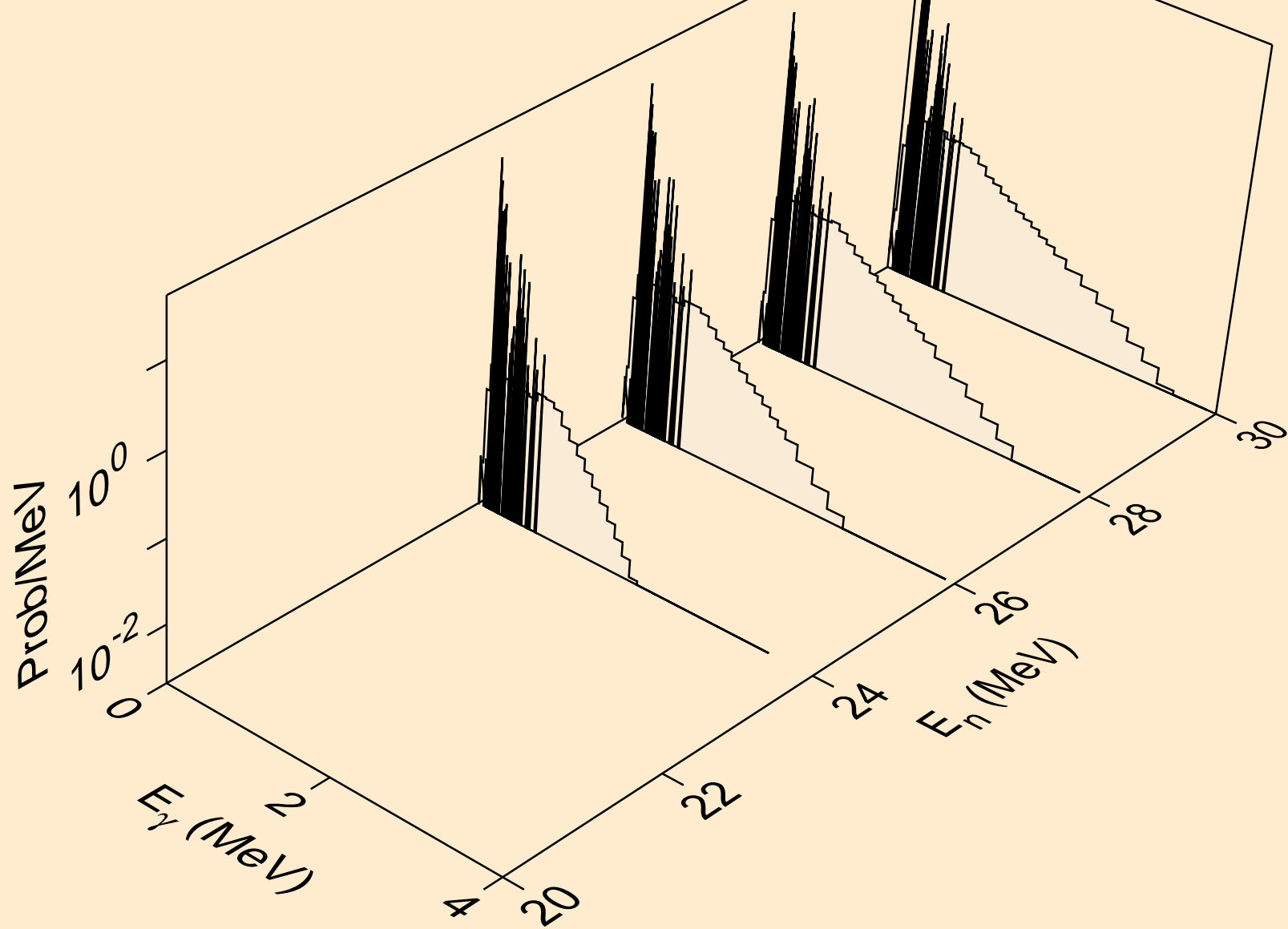
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



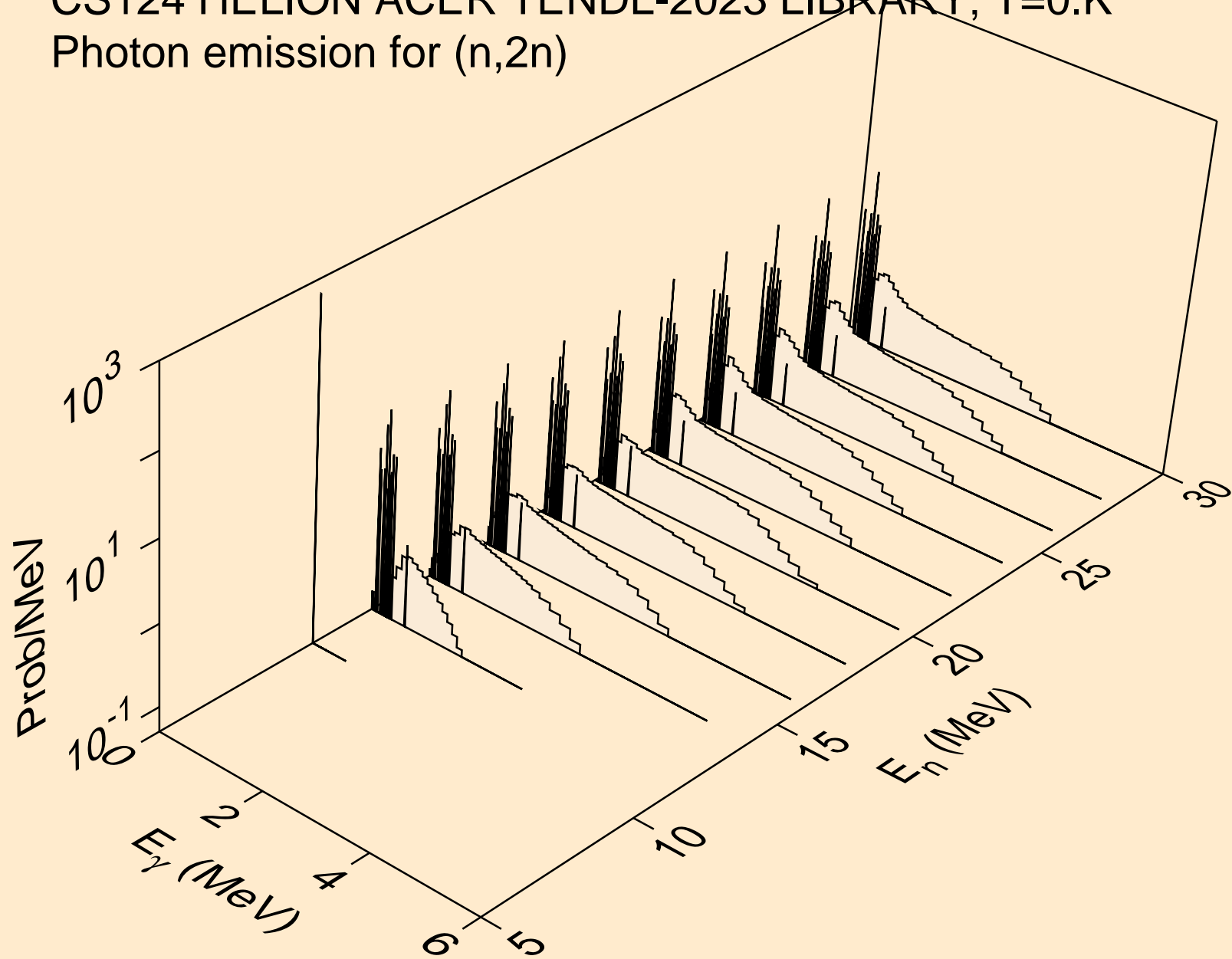
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



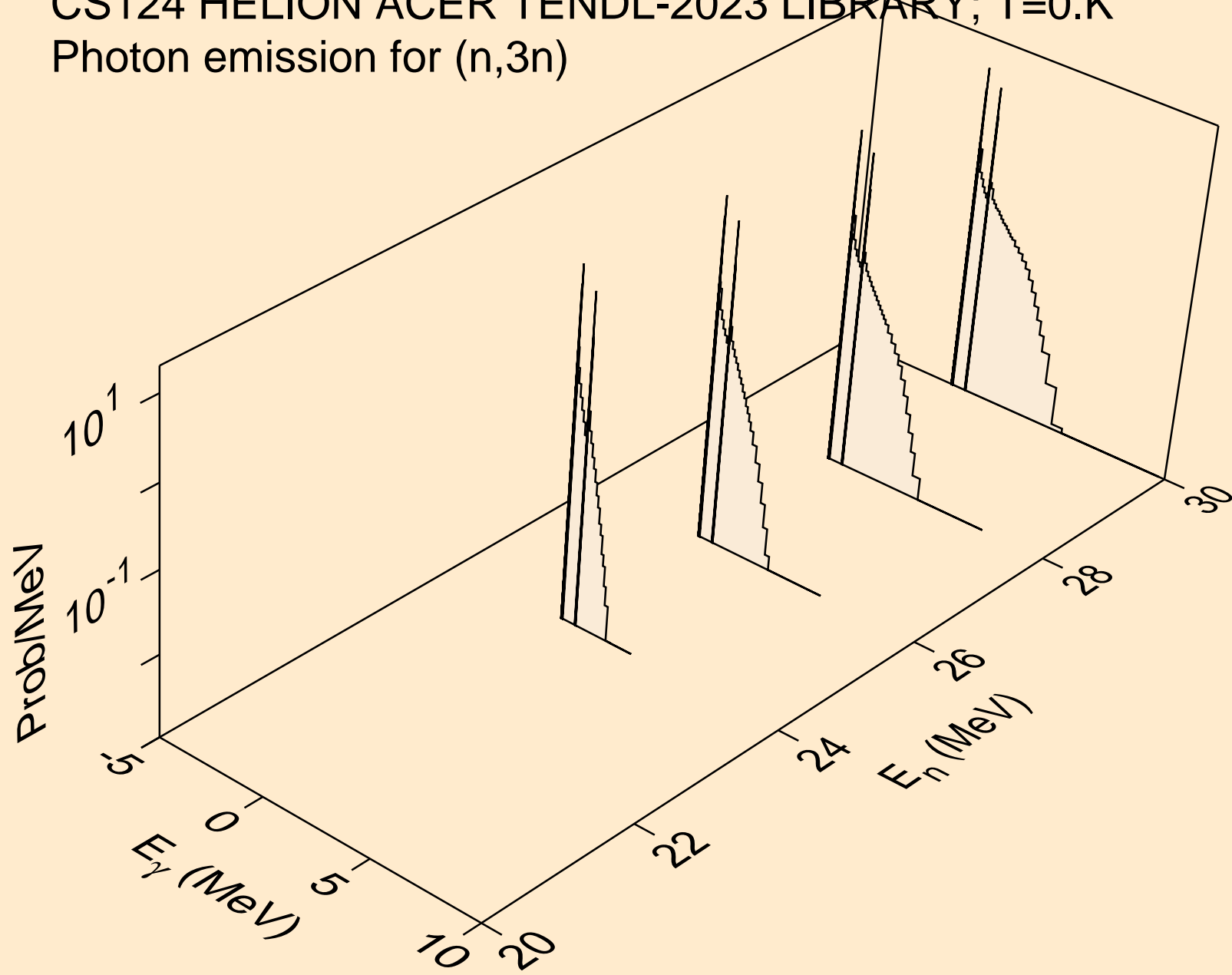
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



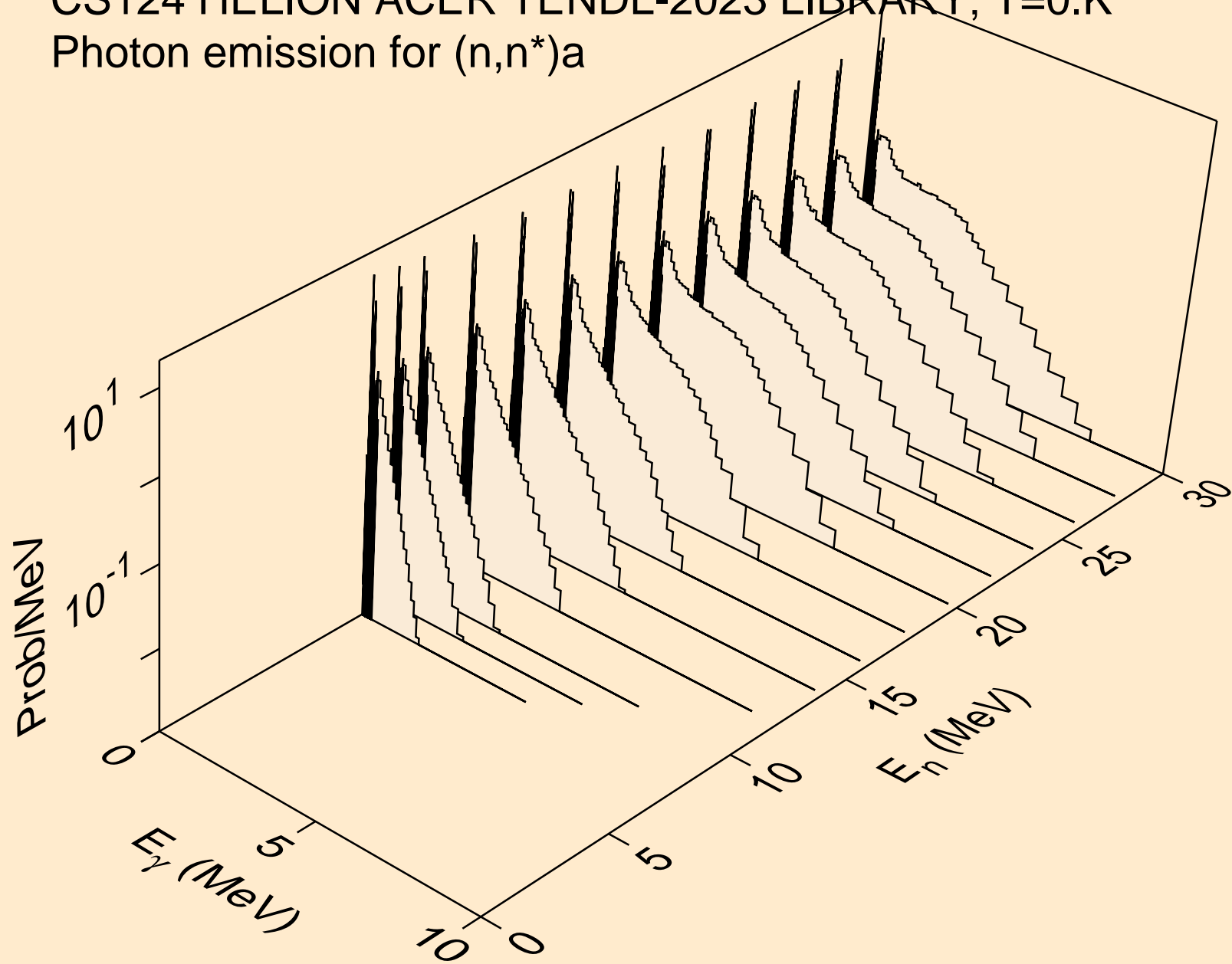
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



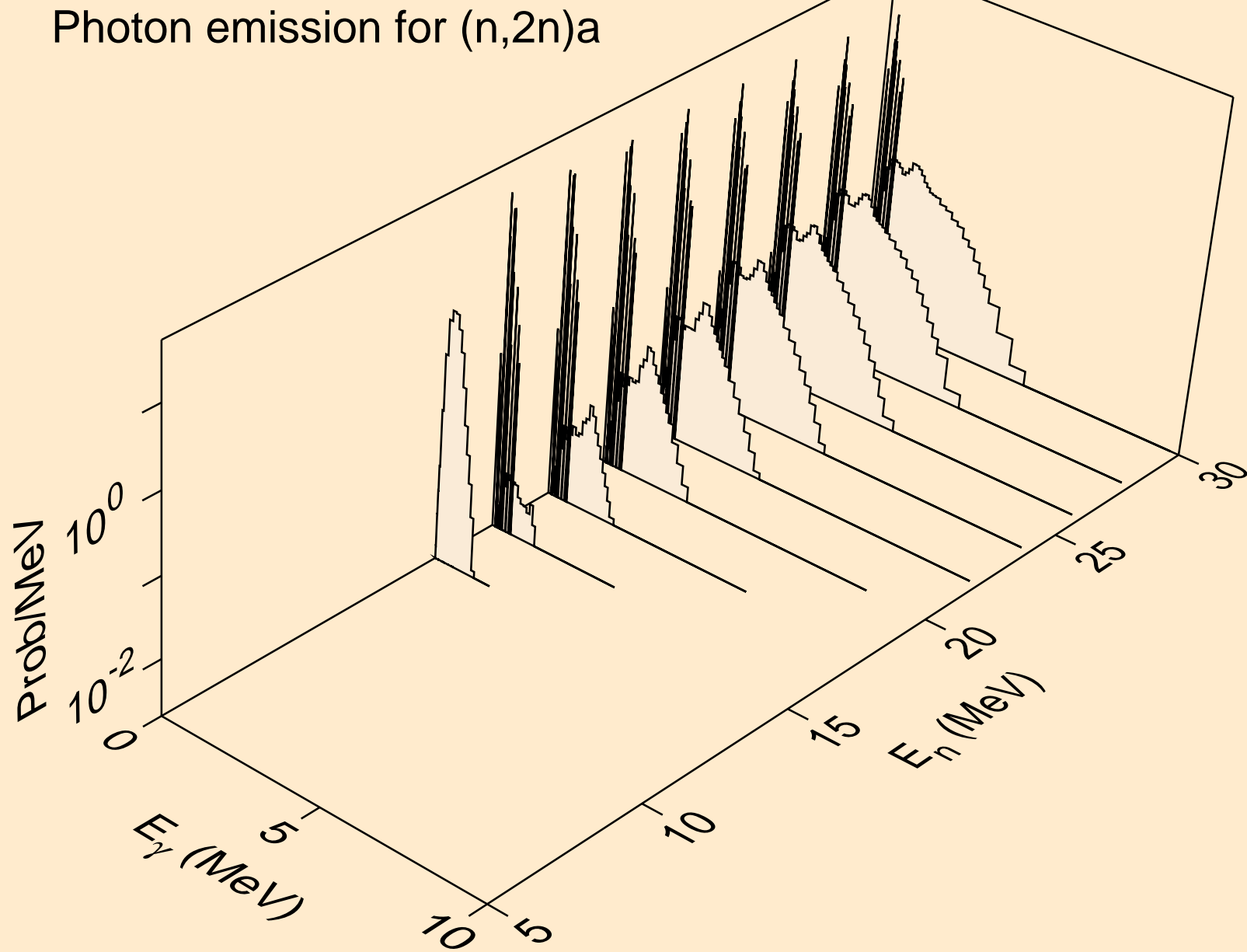
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



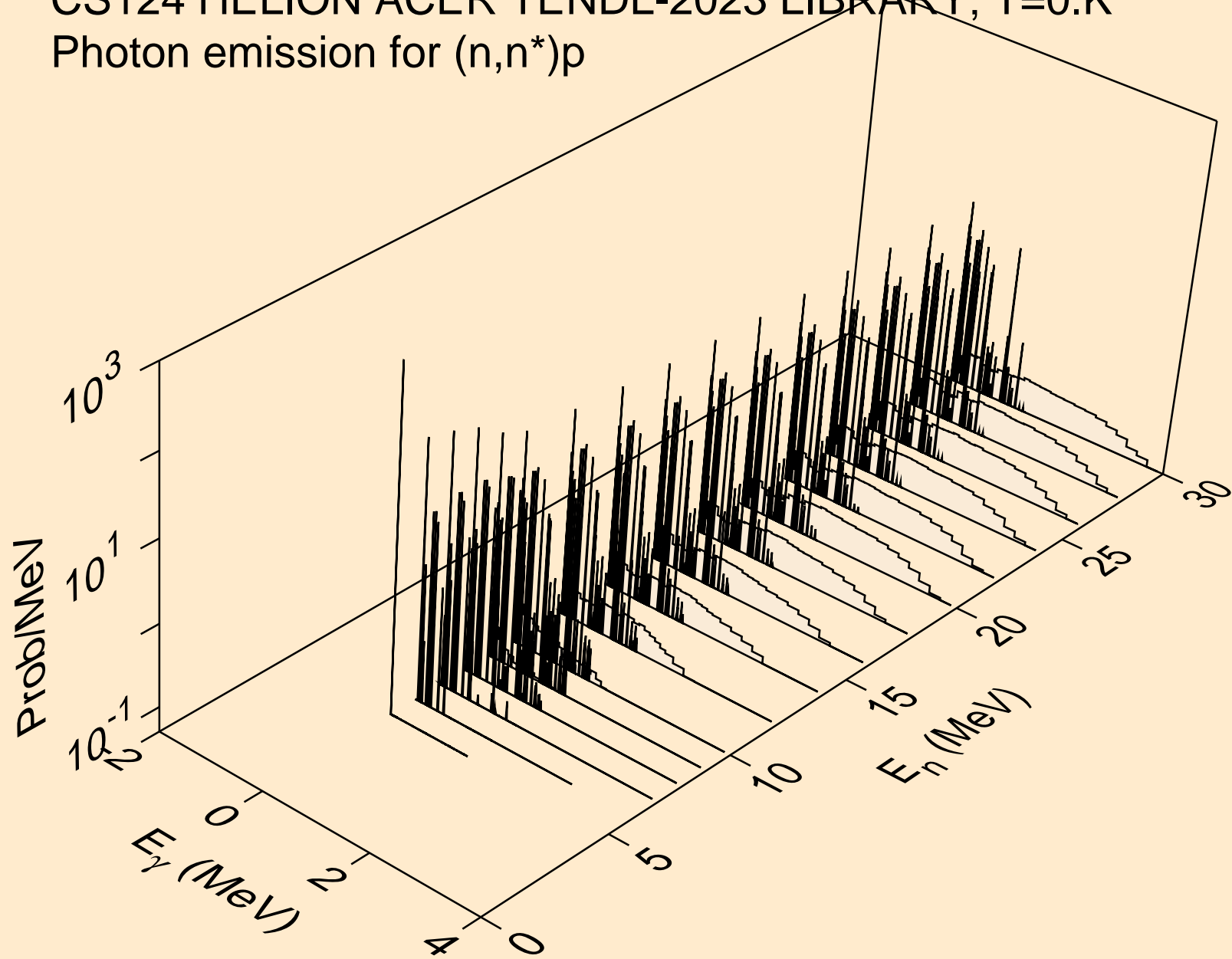
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

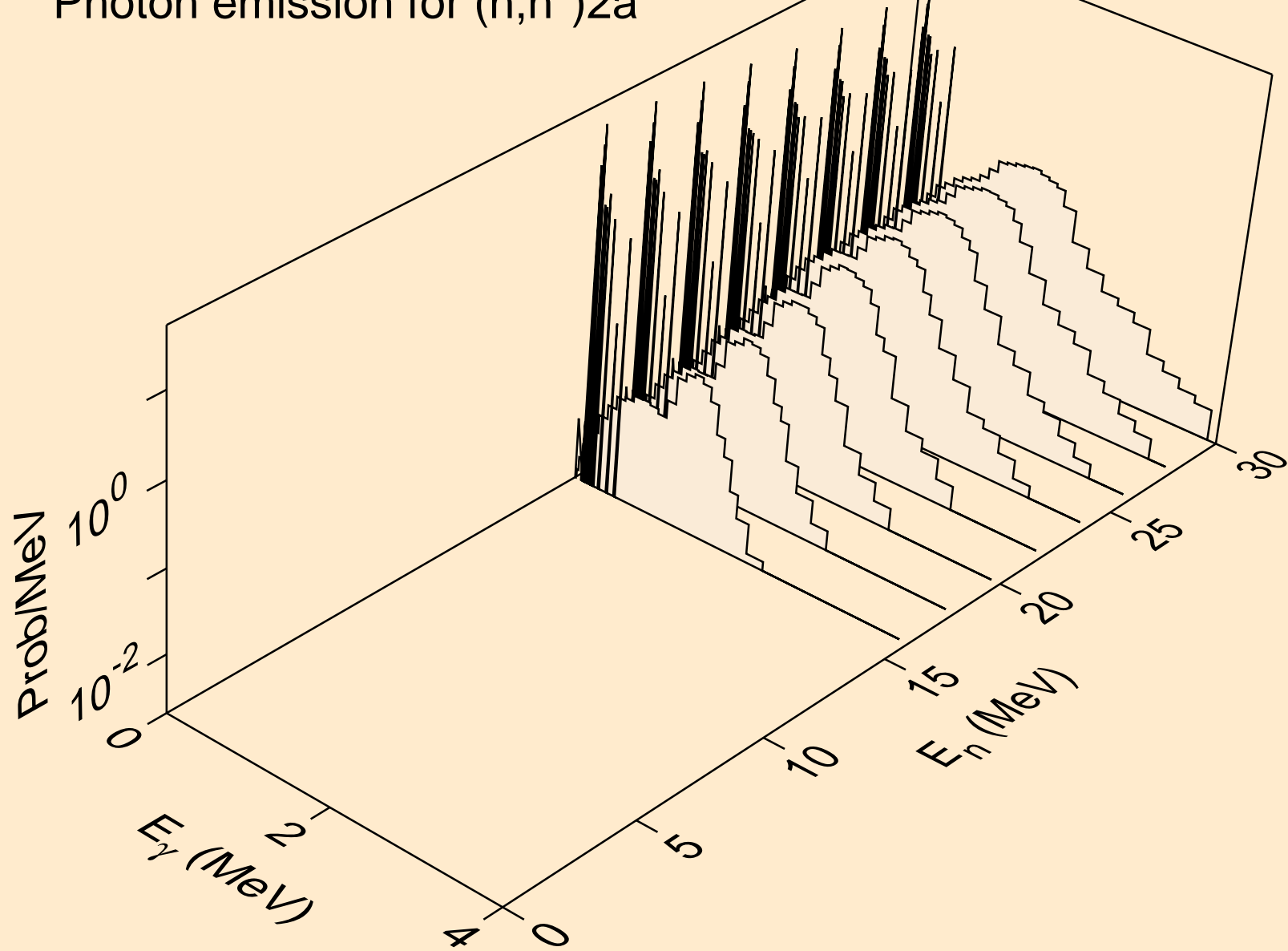


CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

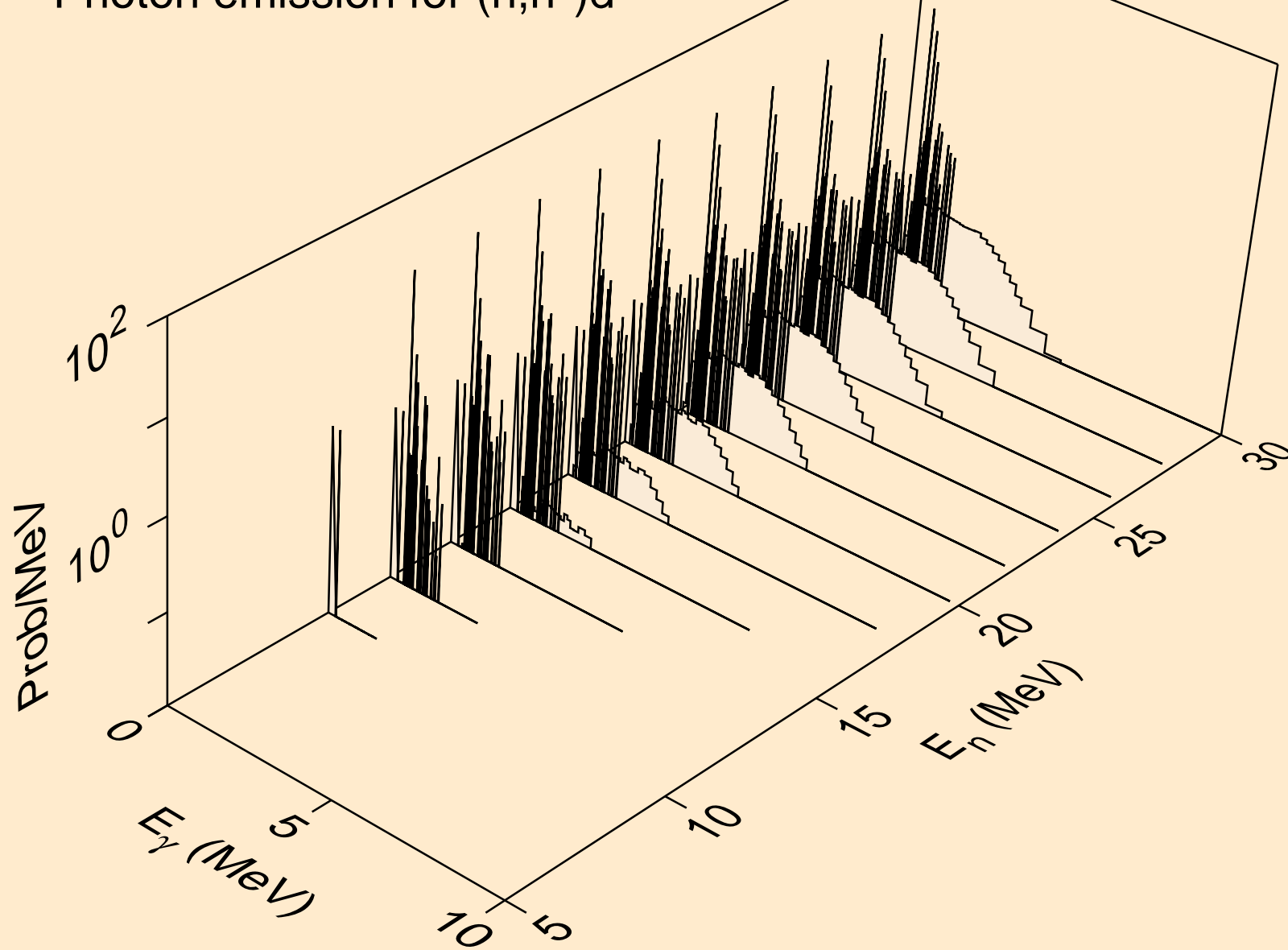




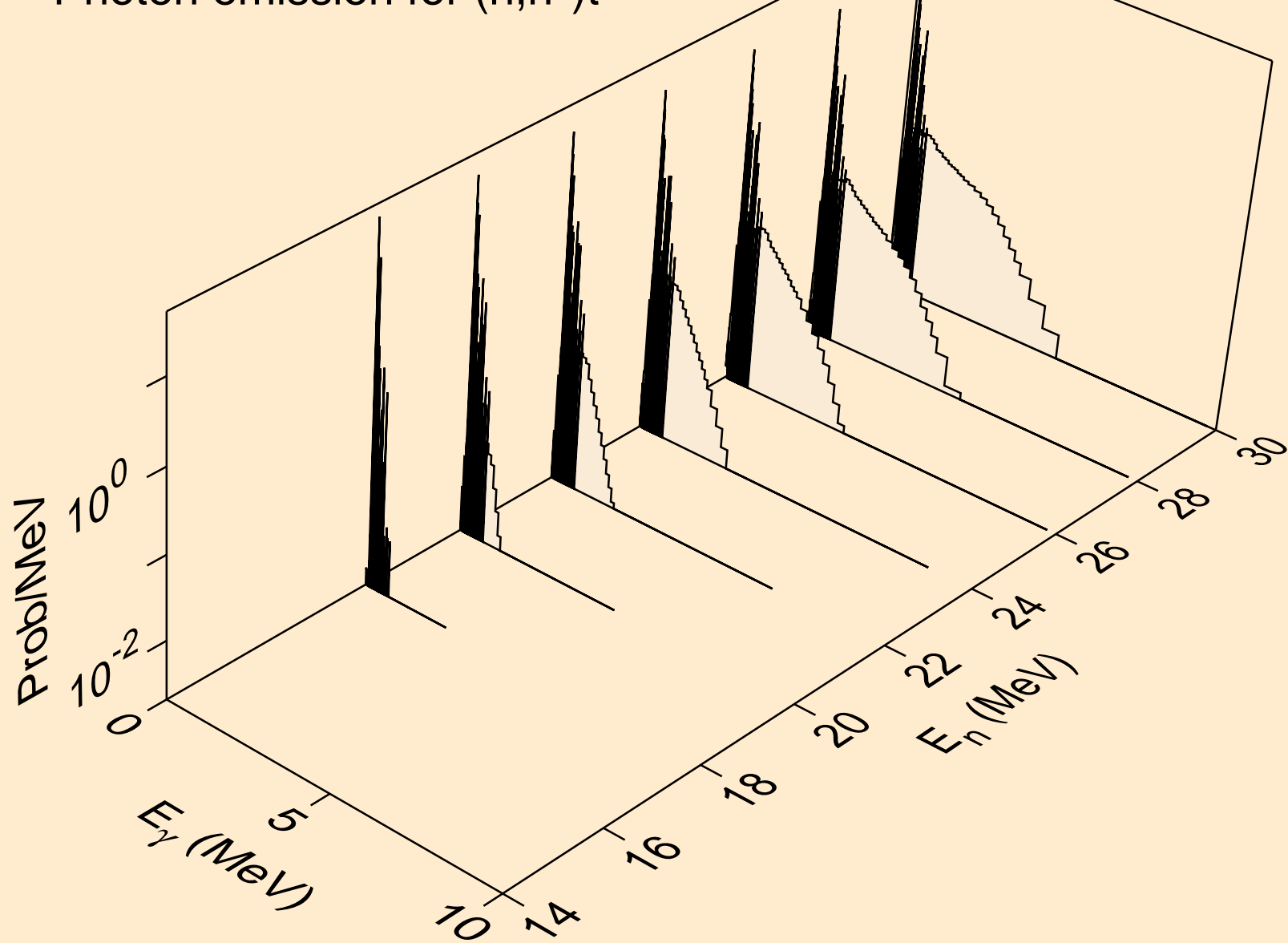
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



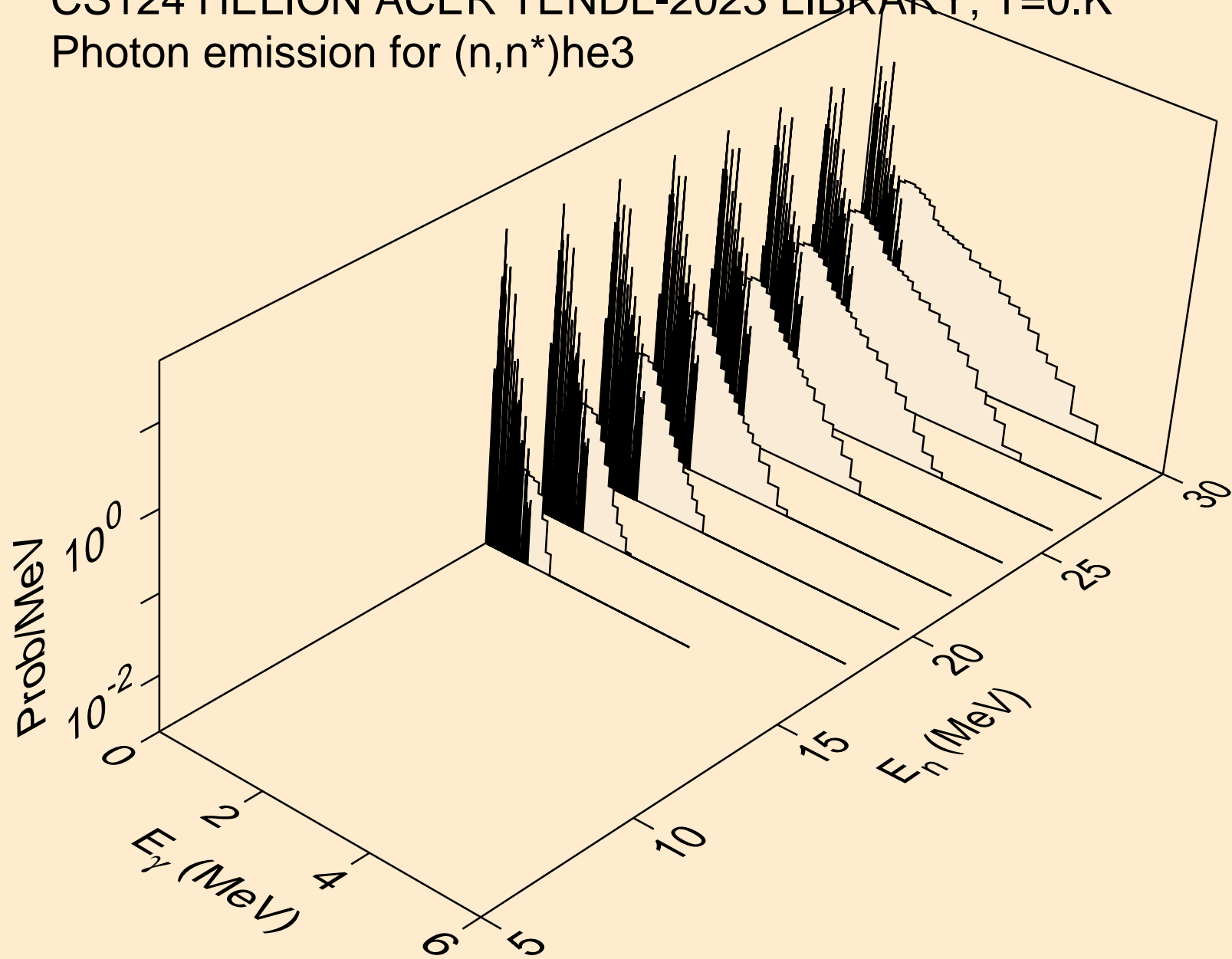
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



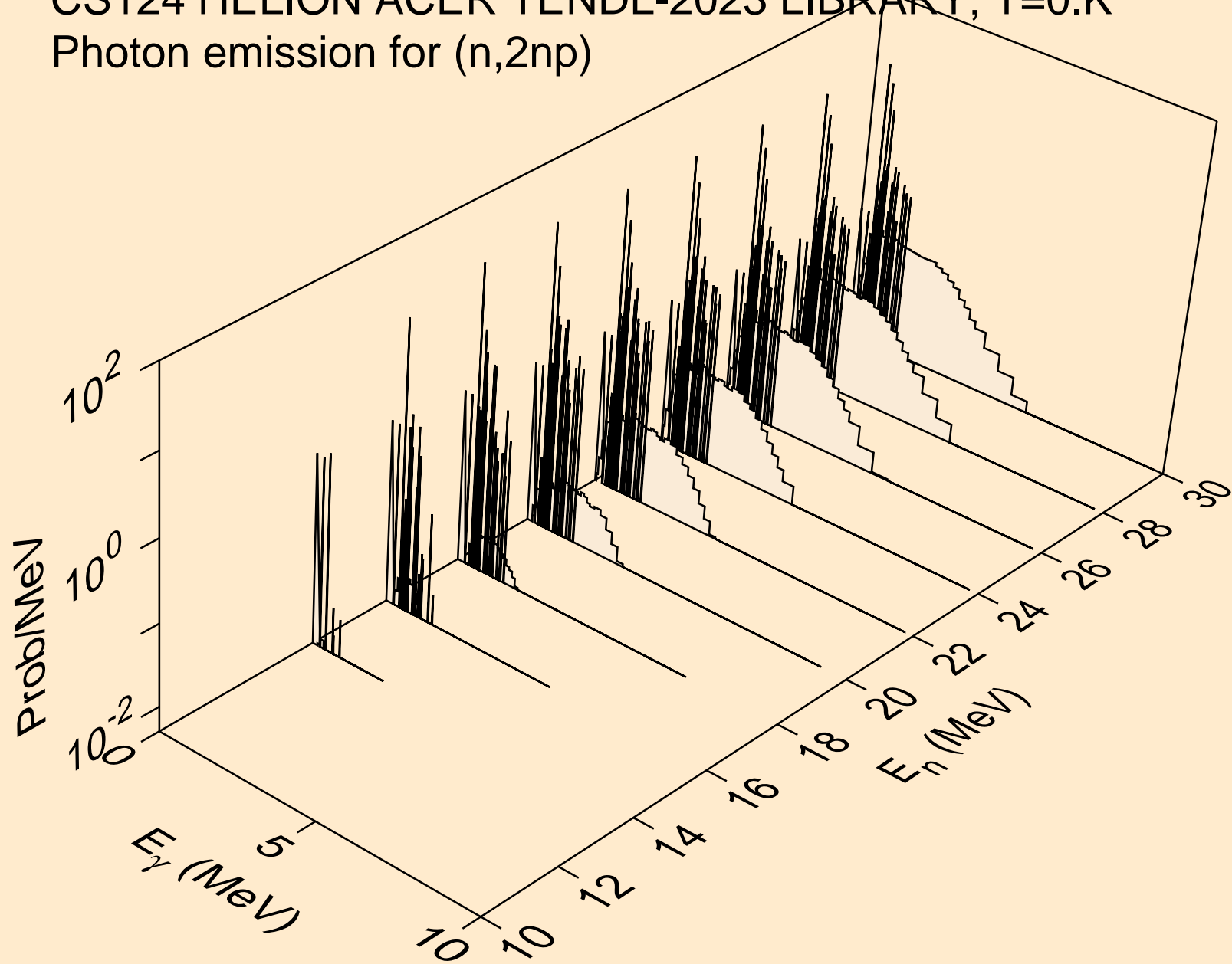
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



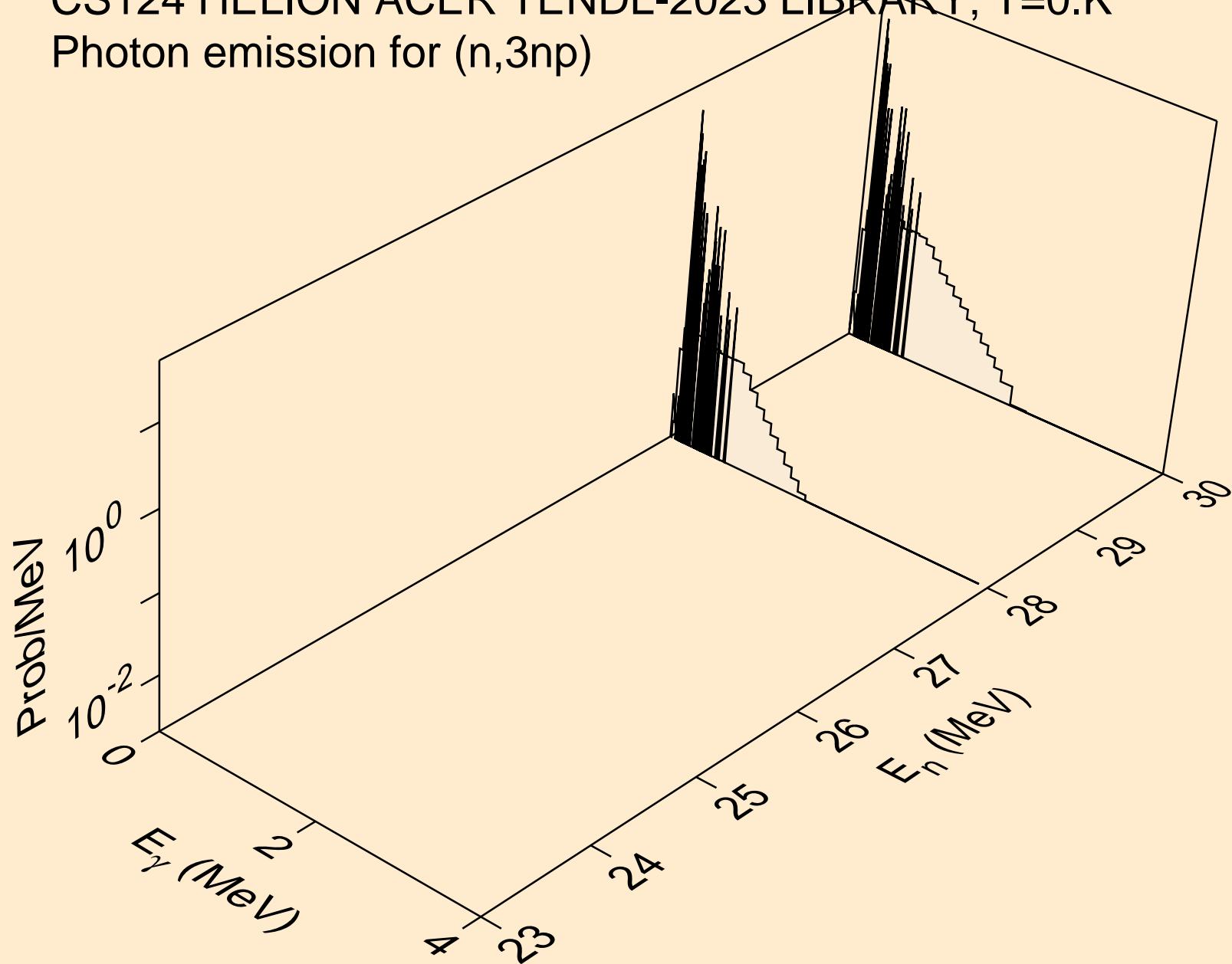
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



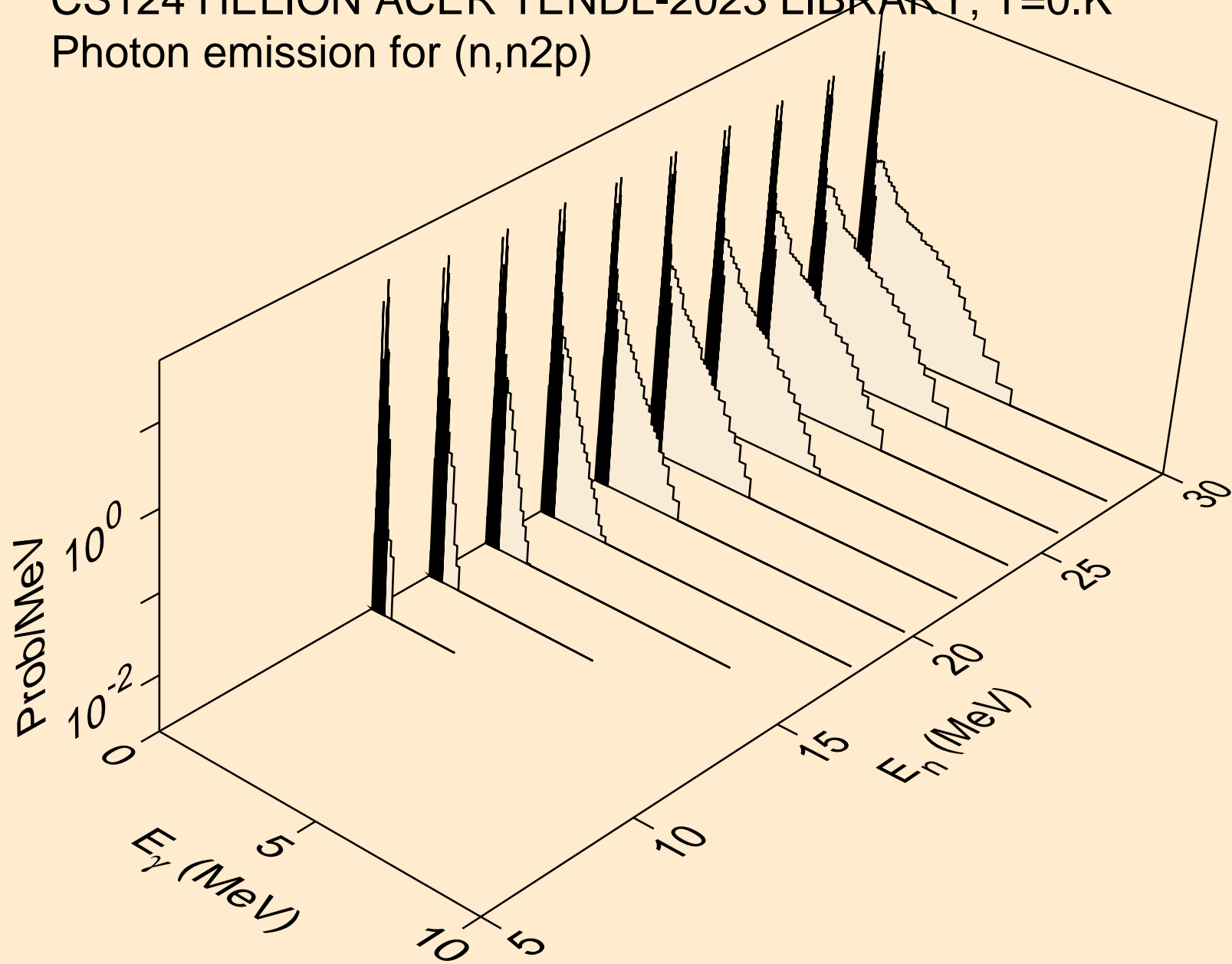
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



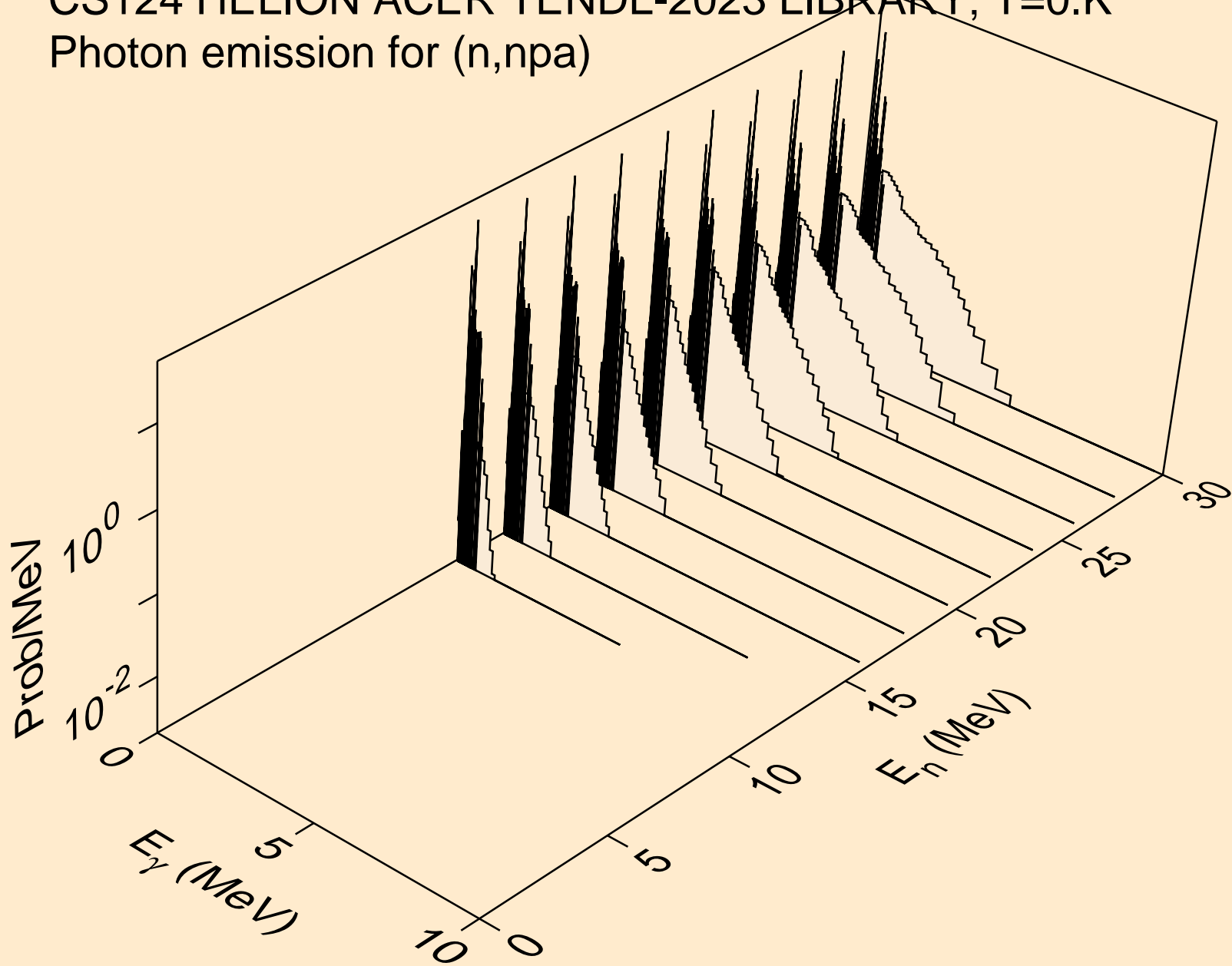
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

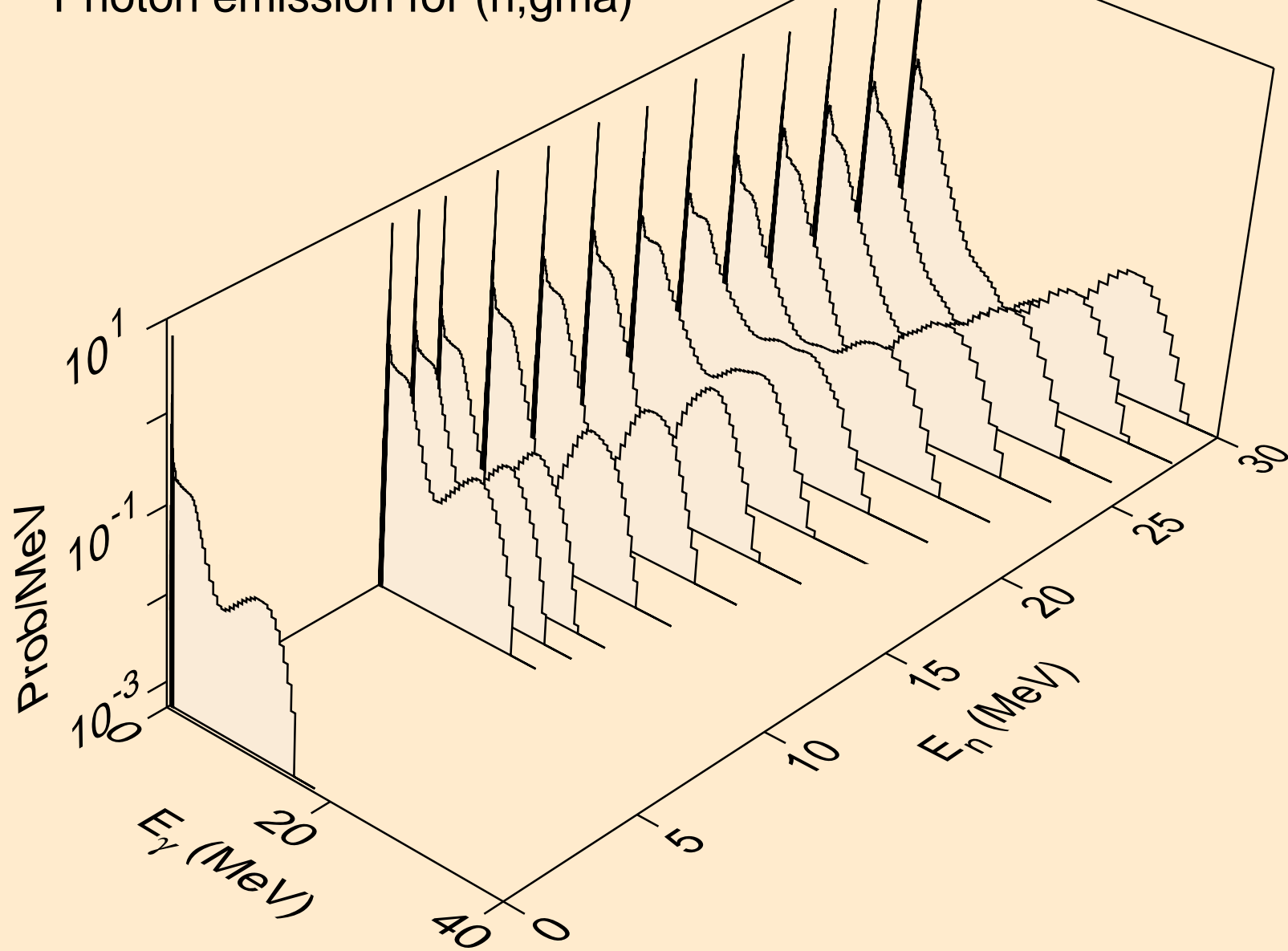


CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

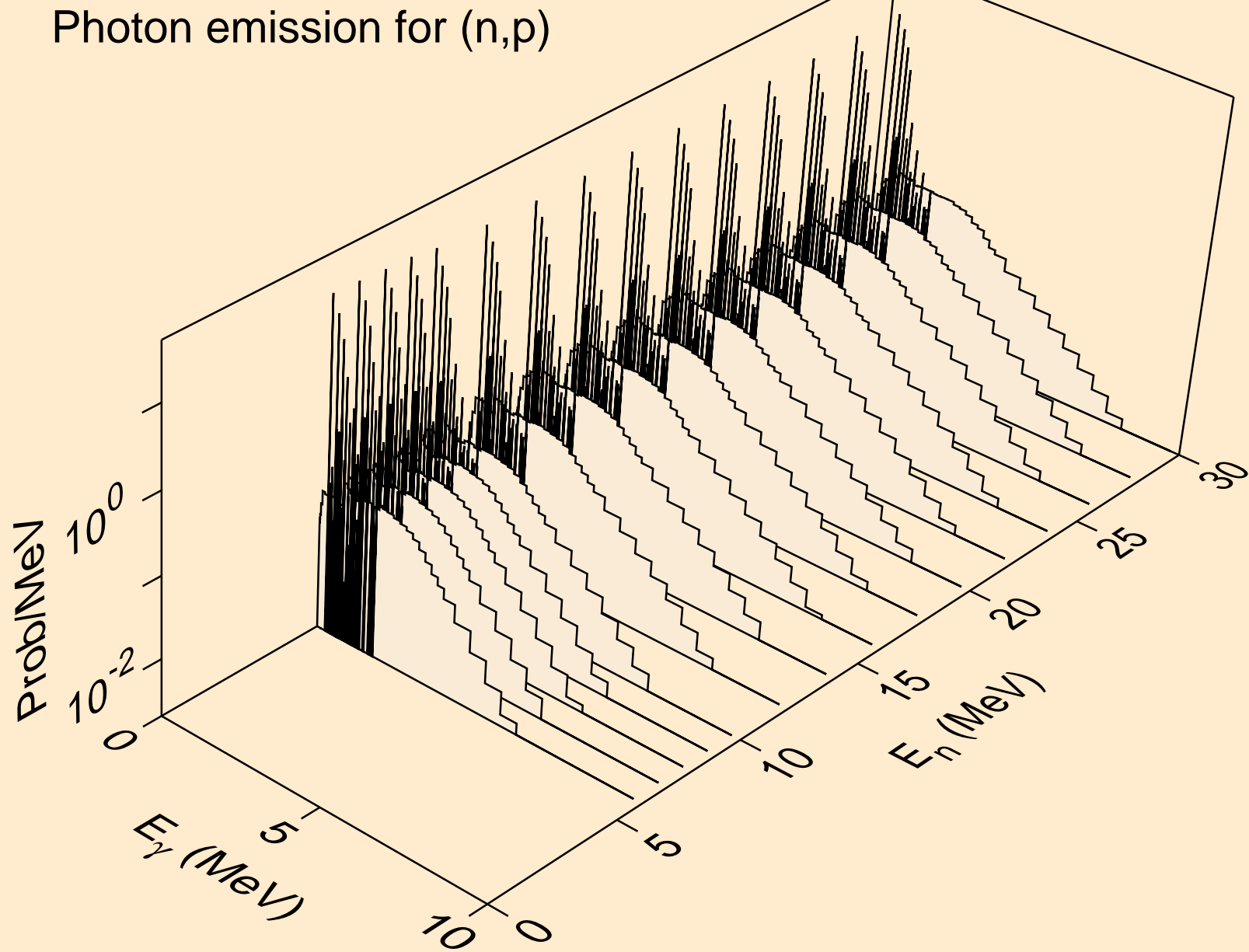




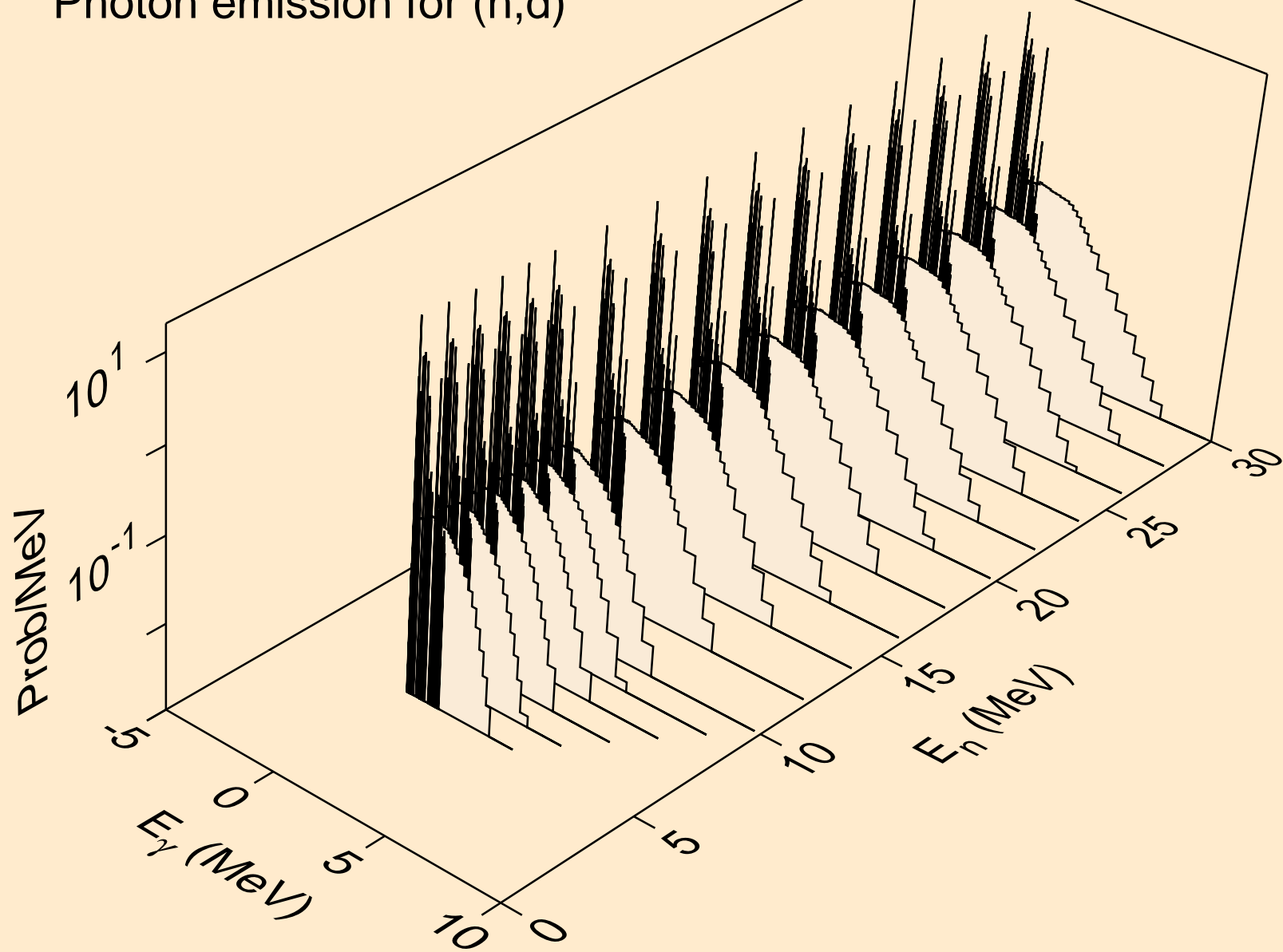
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



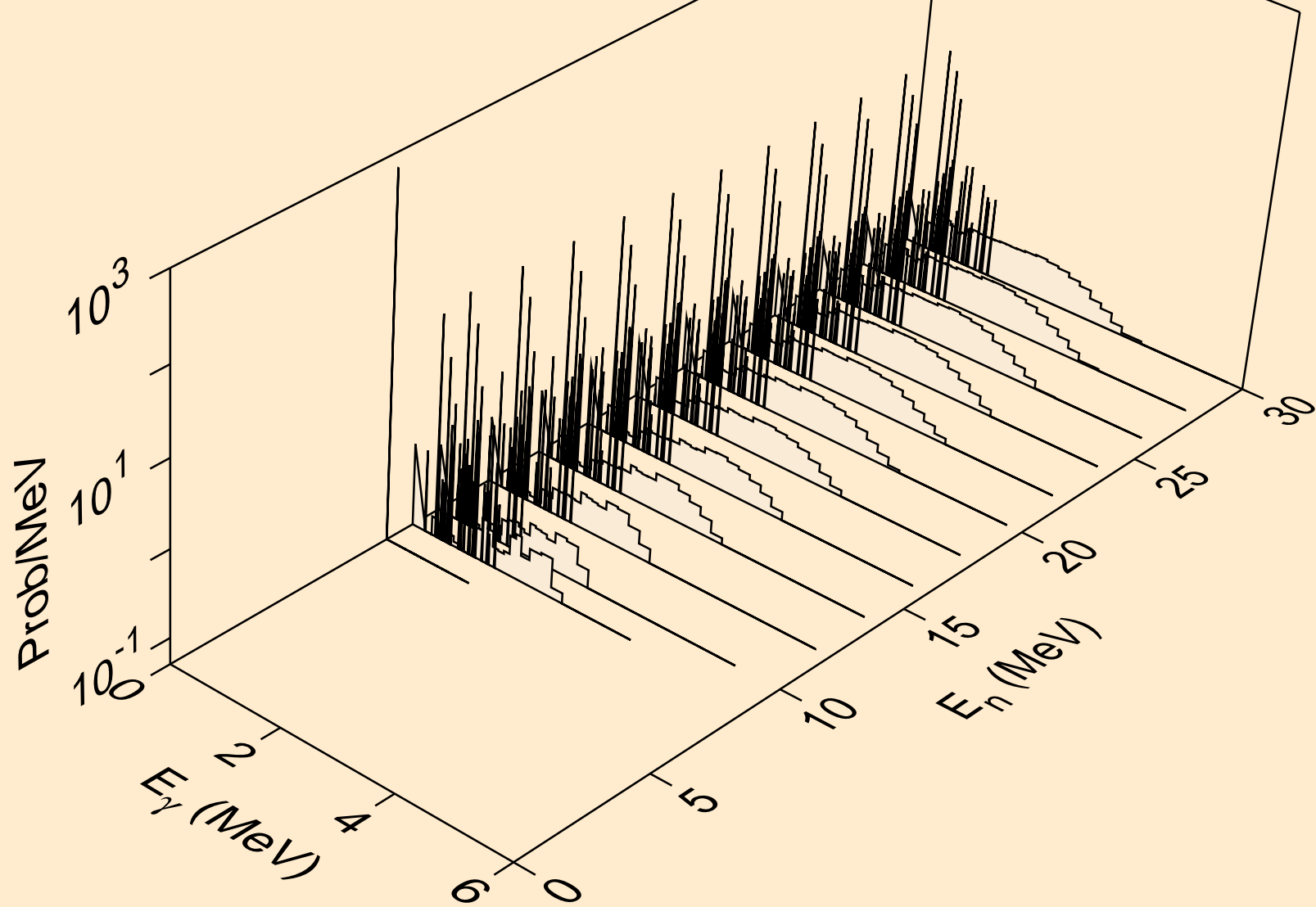
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



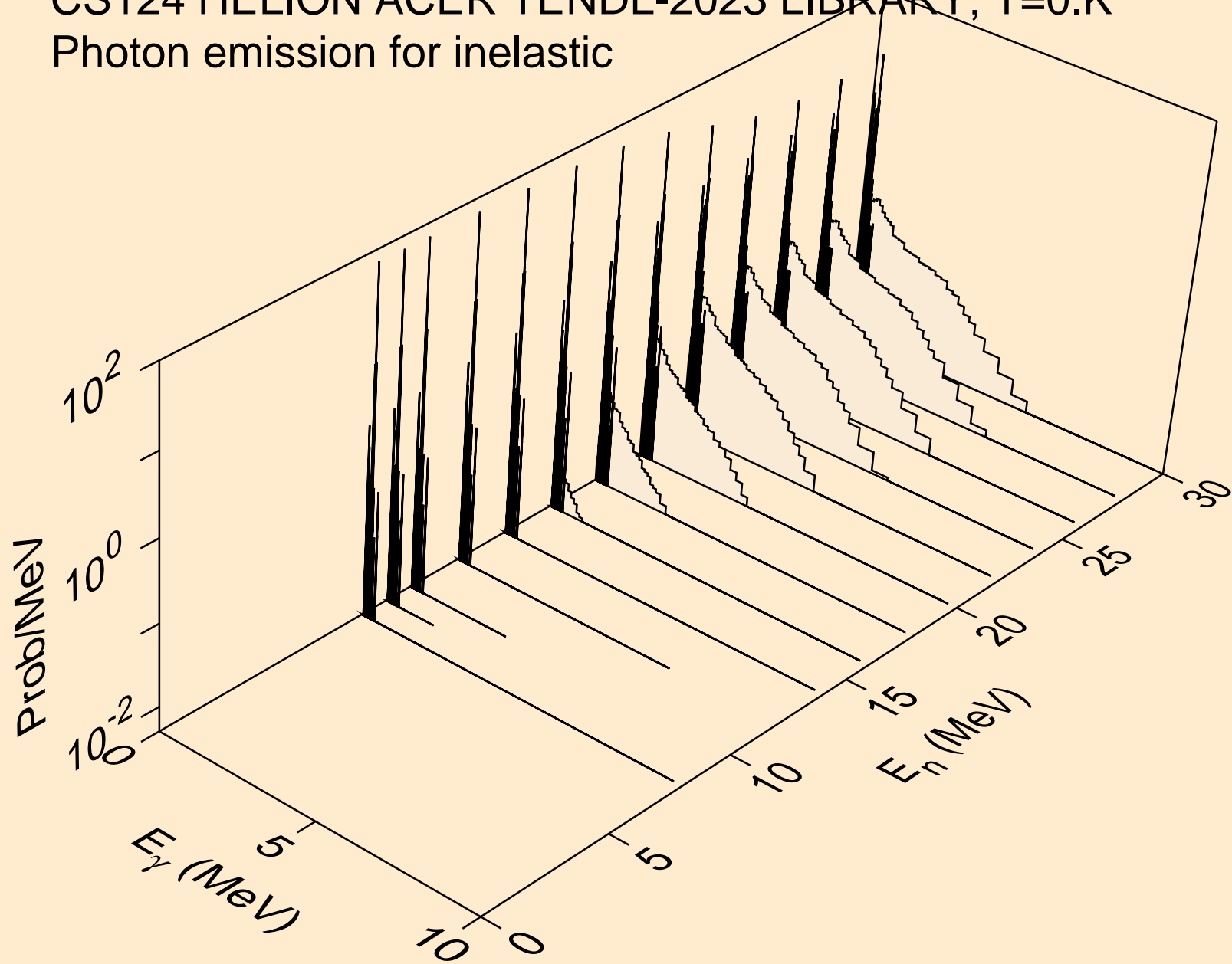
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



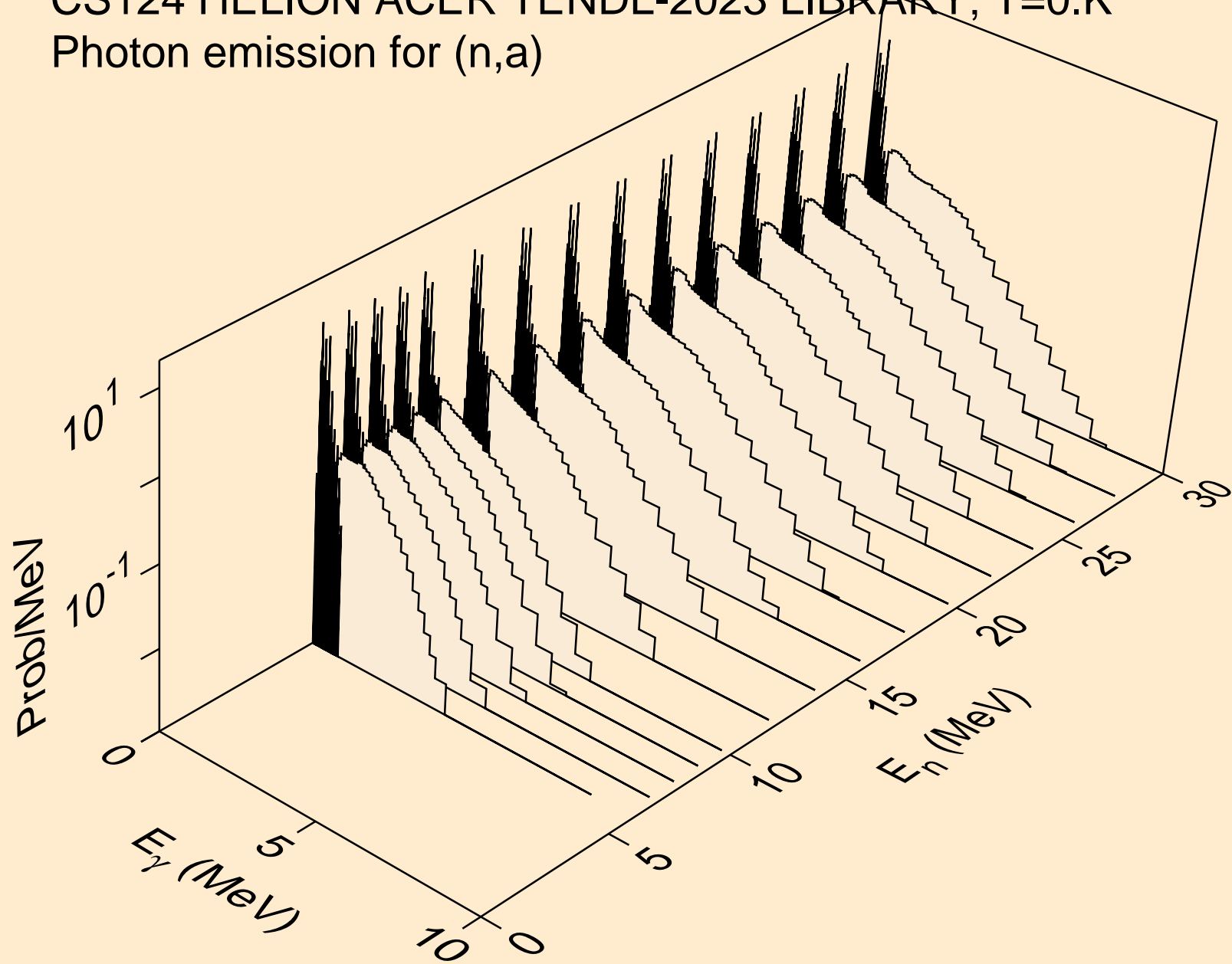
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



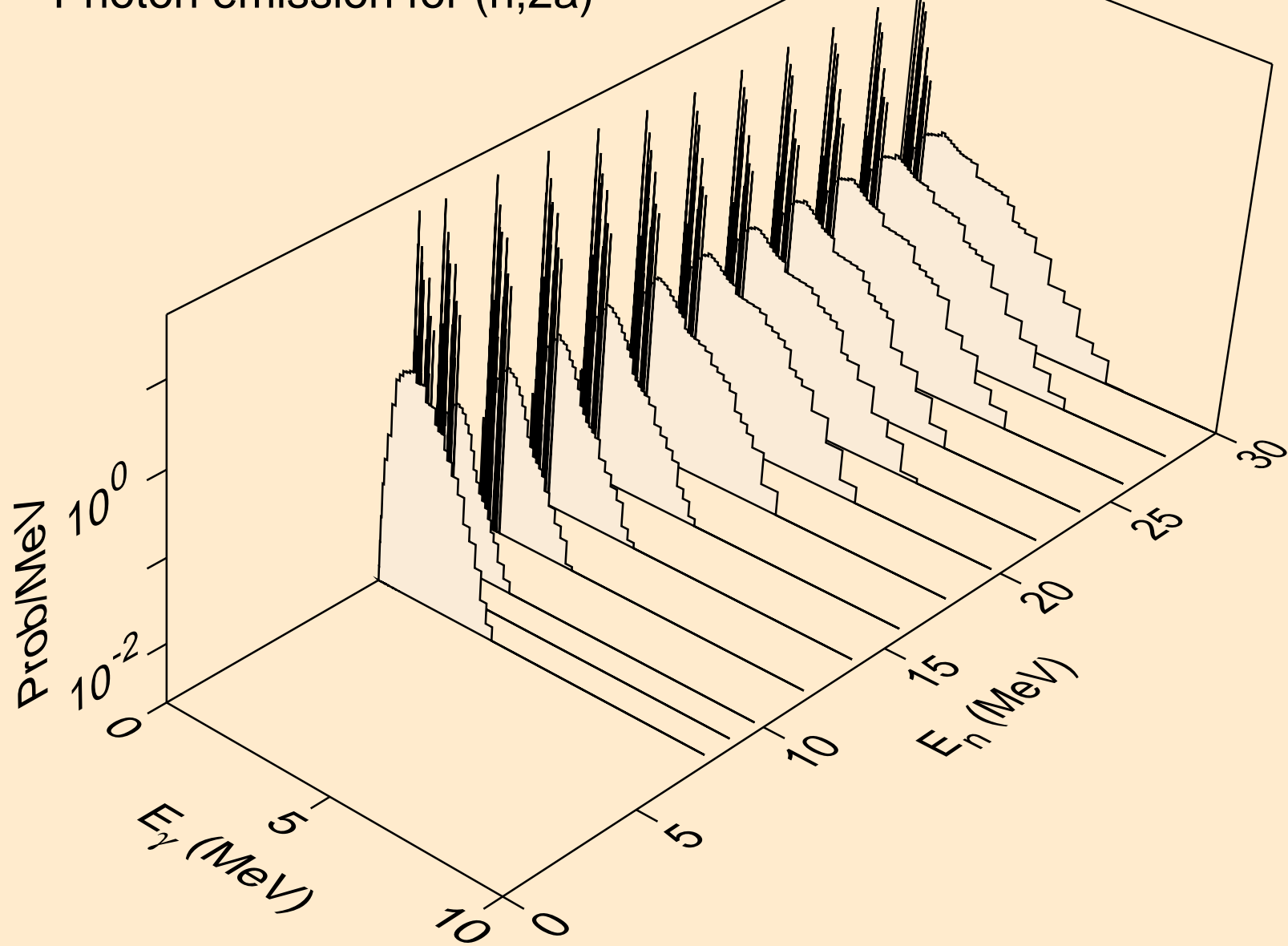
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



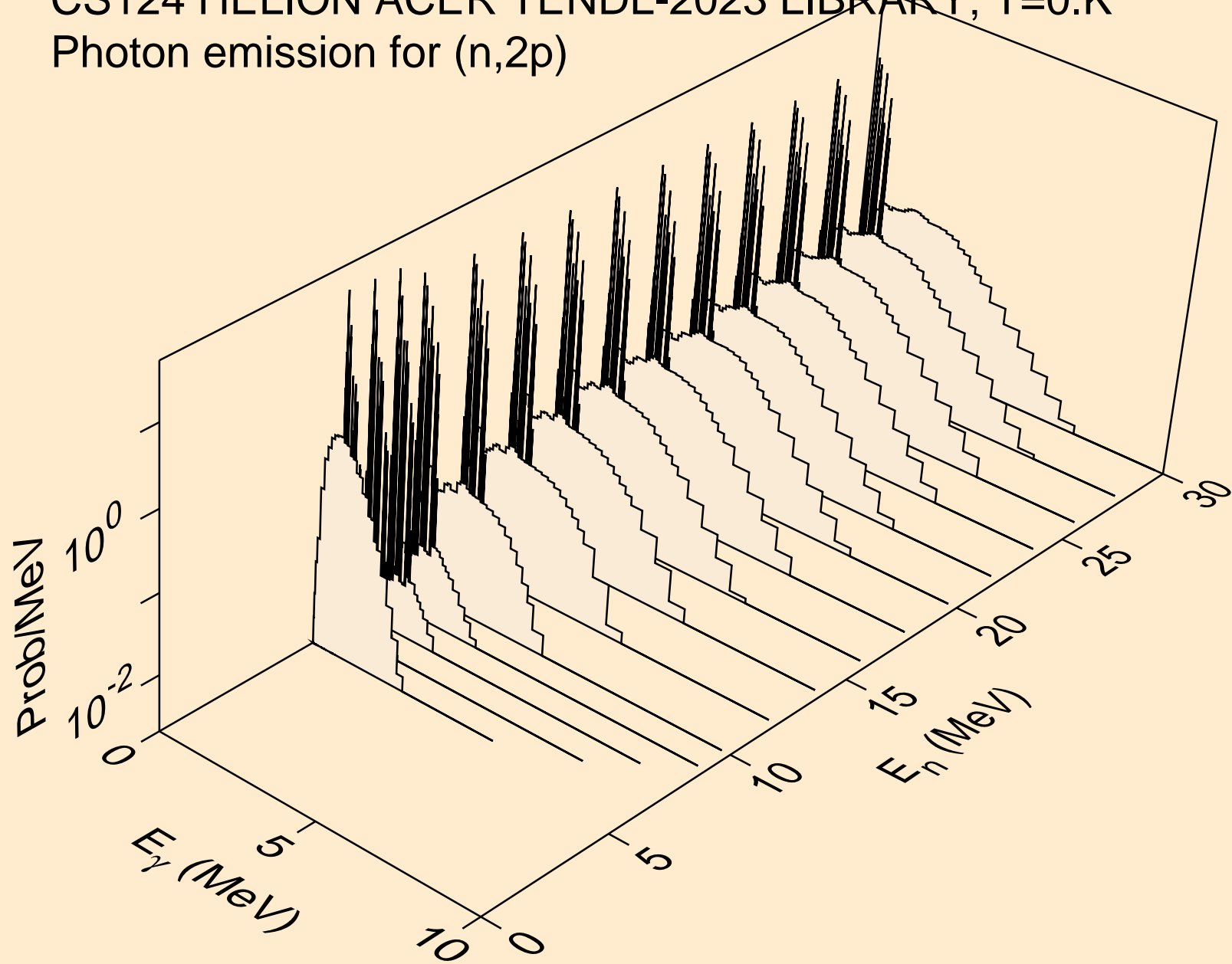
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

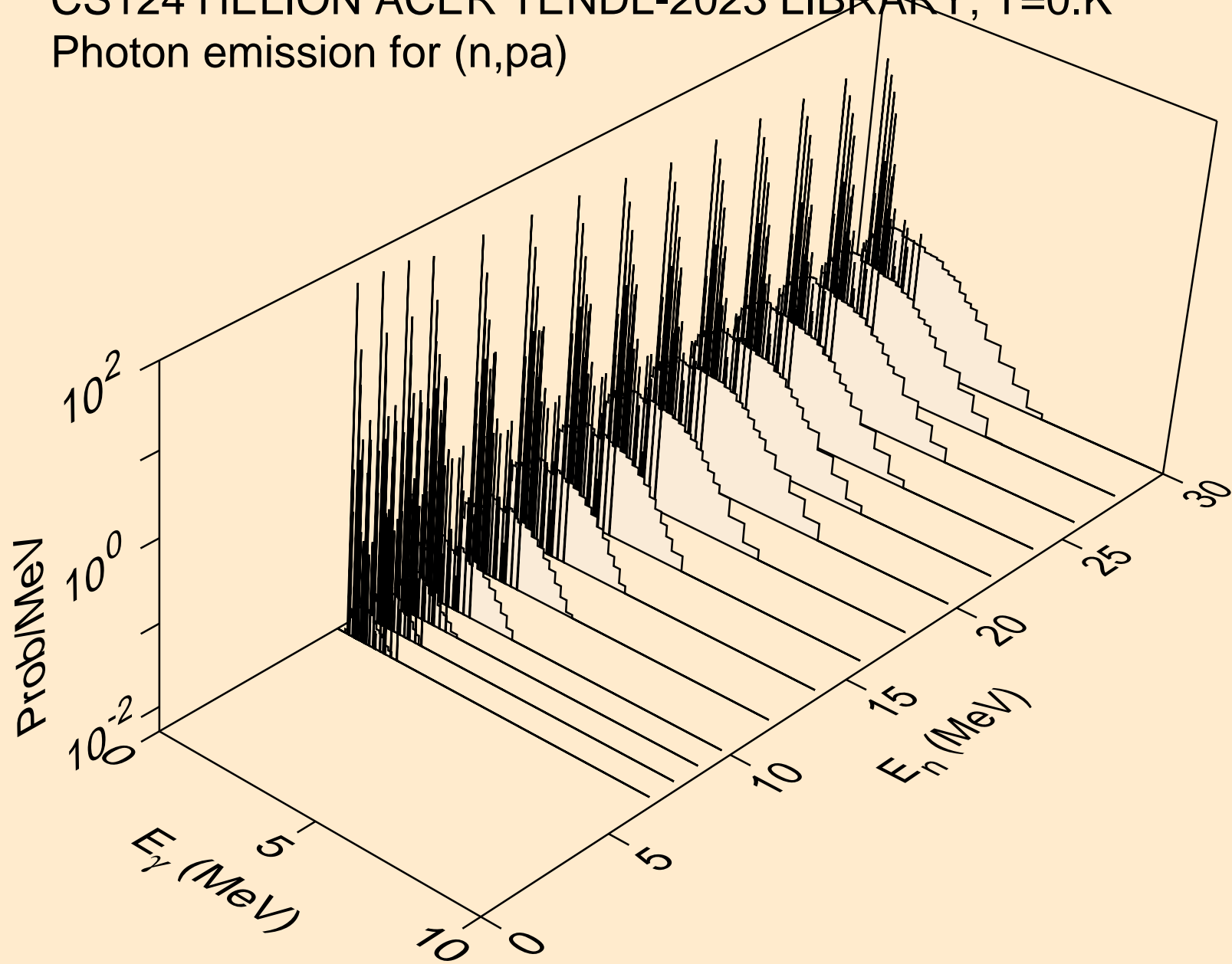


CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

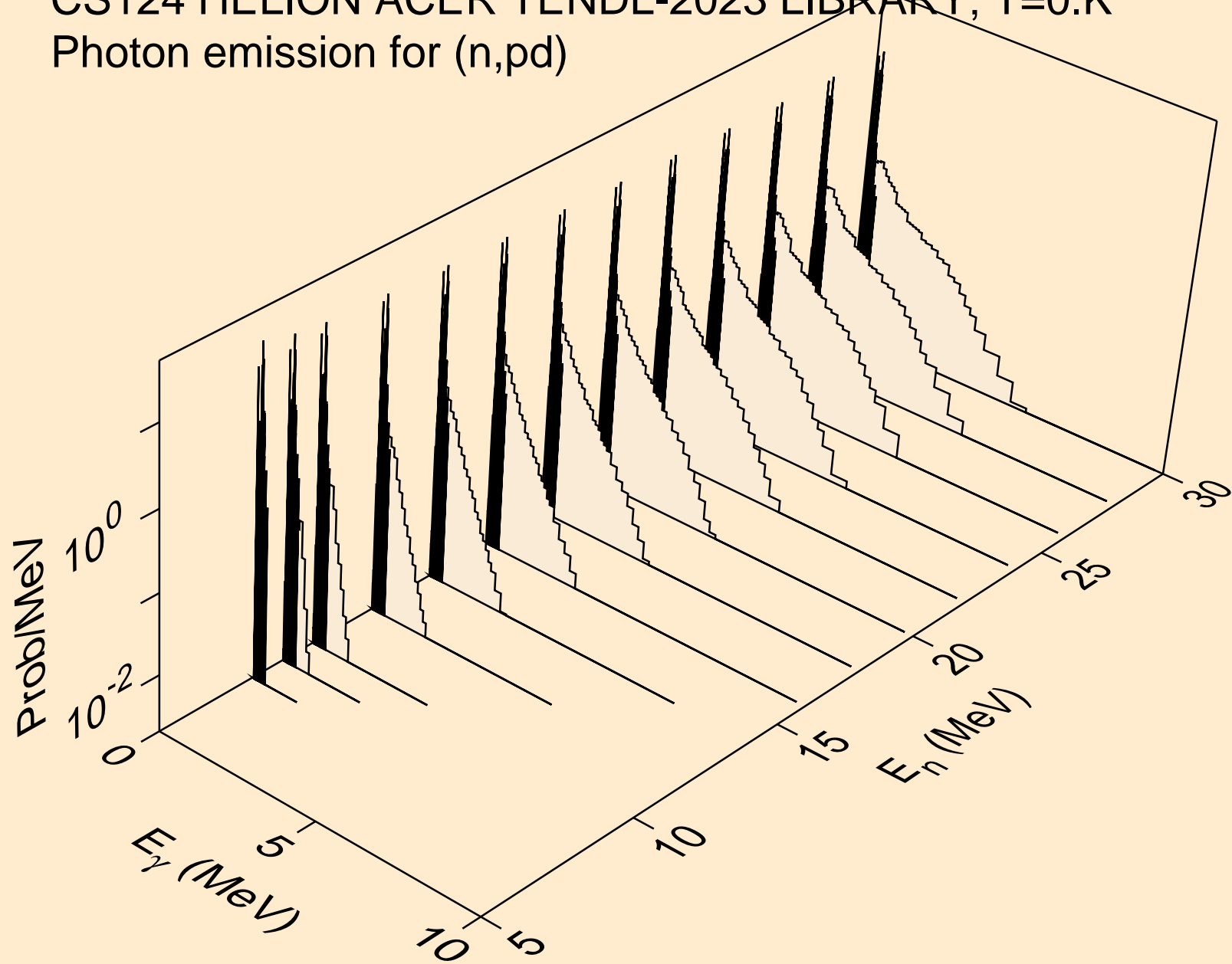




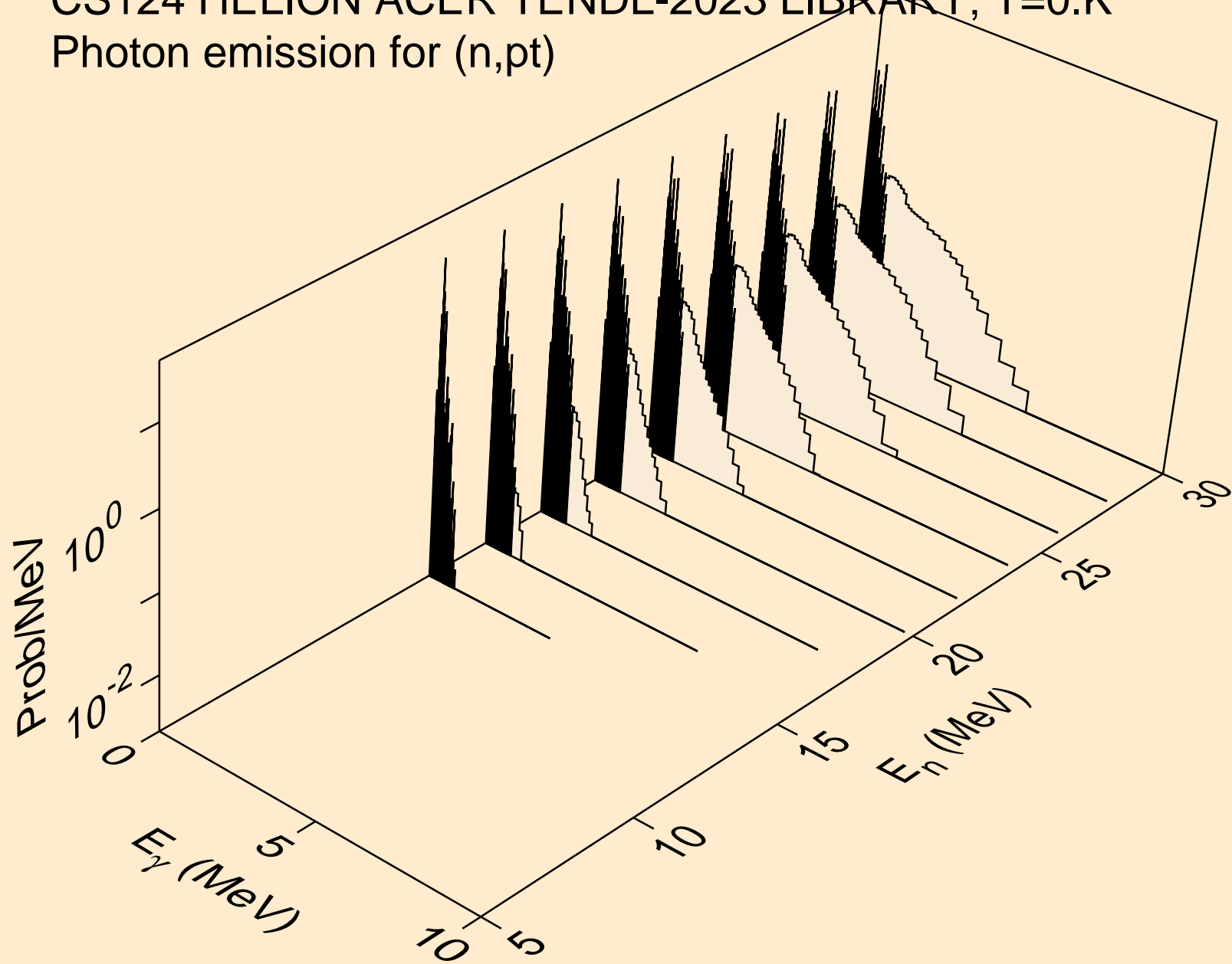
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



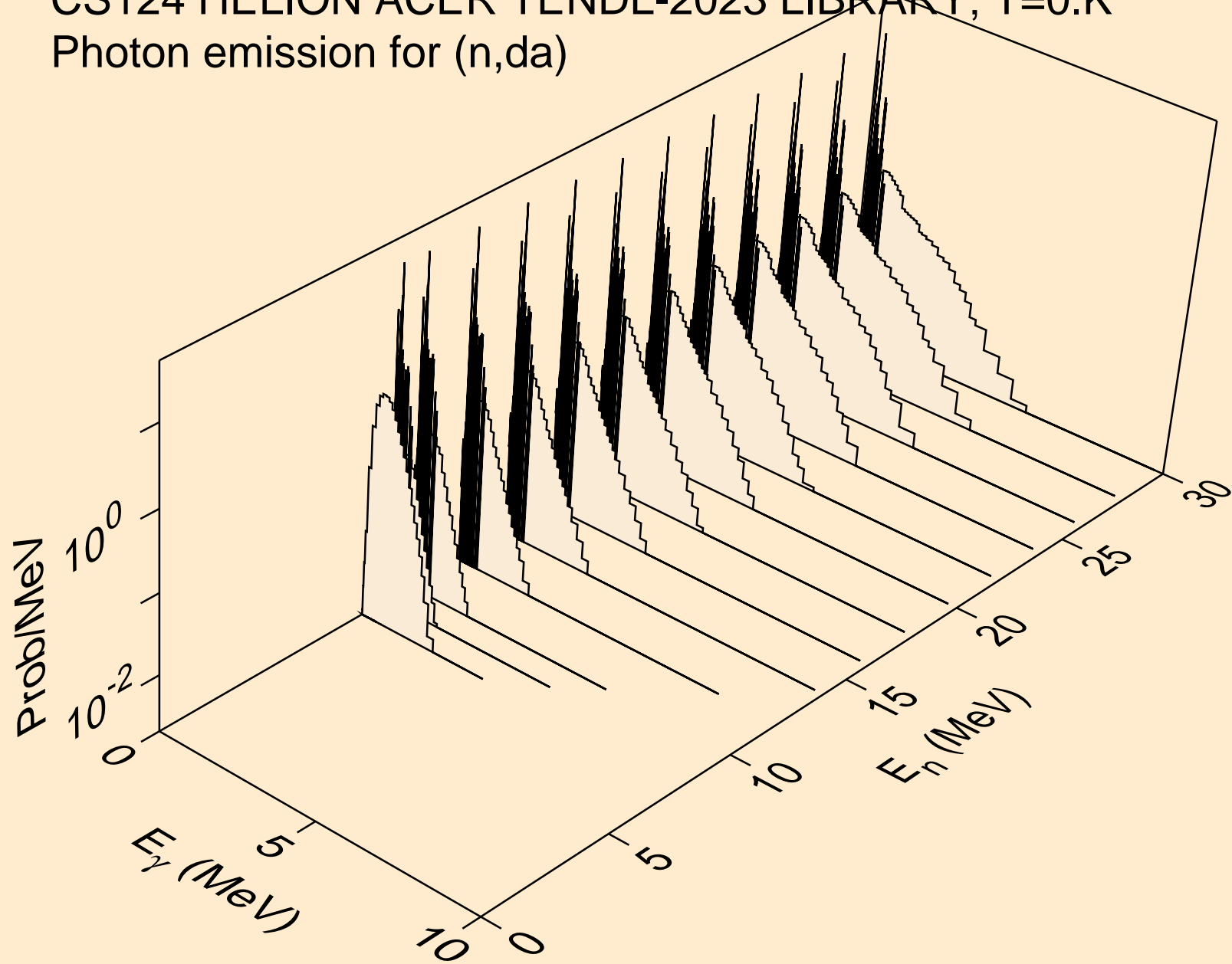
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

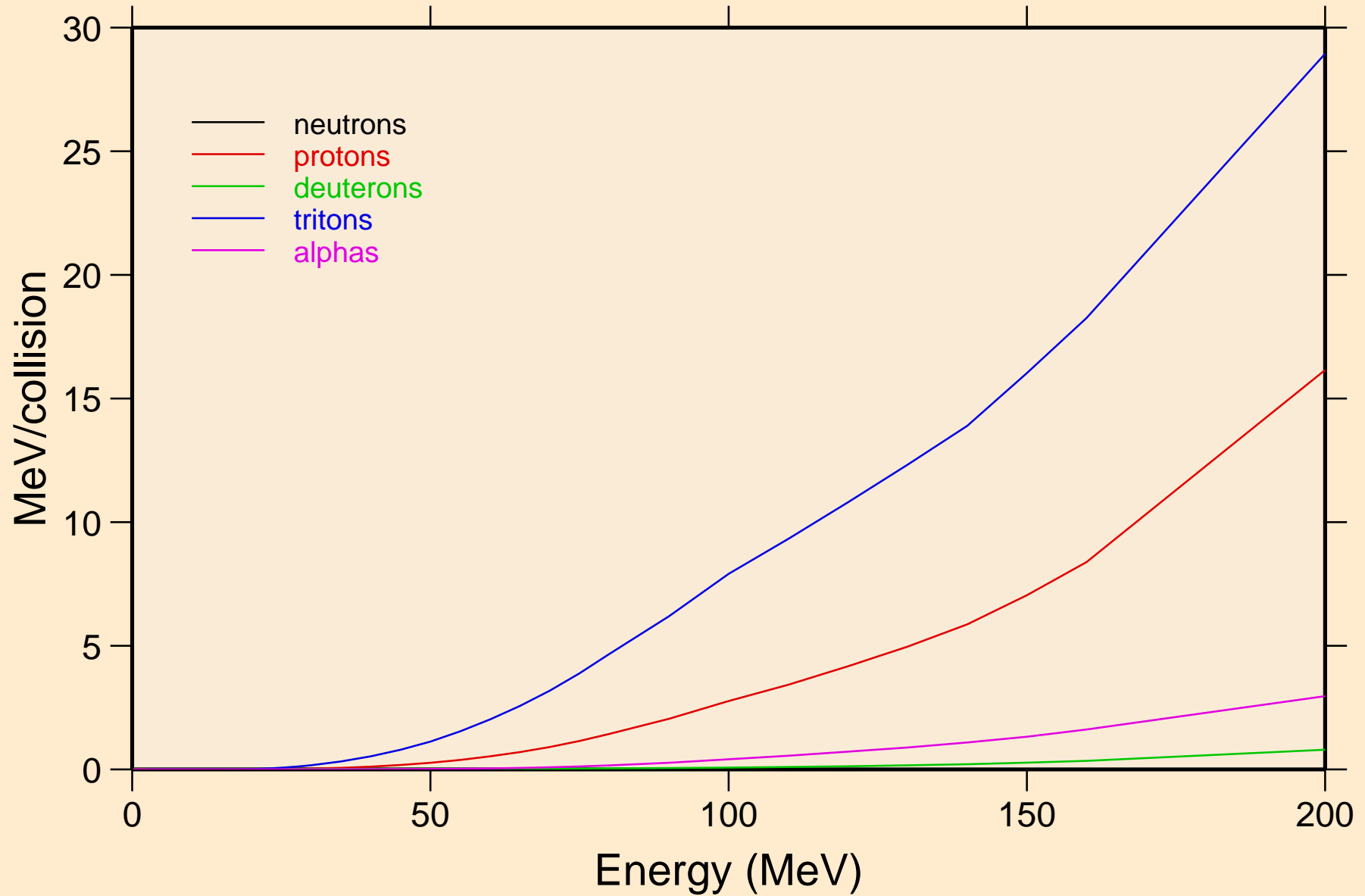


CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

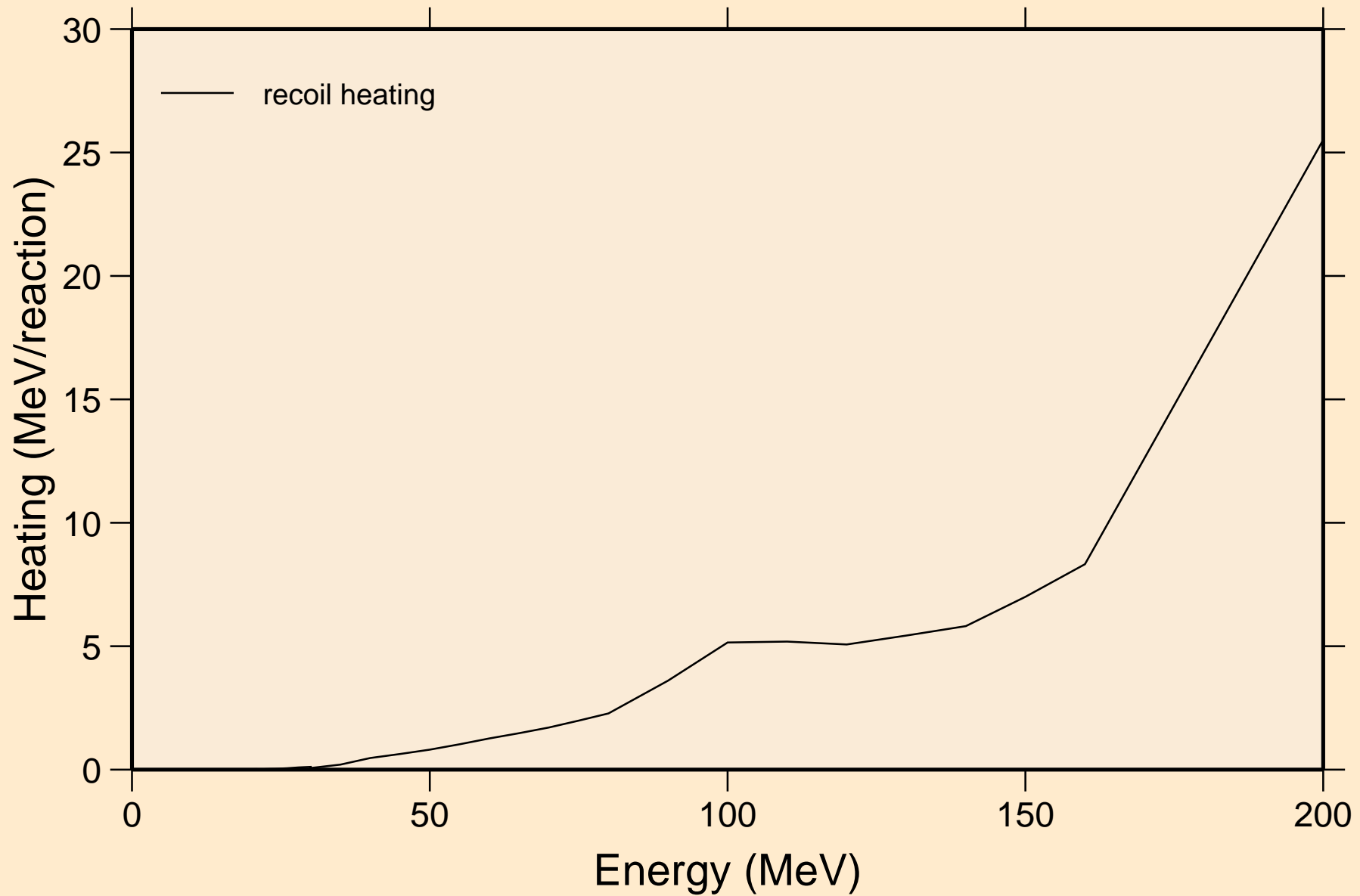


# CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K

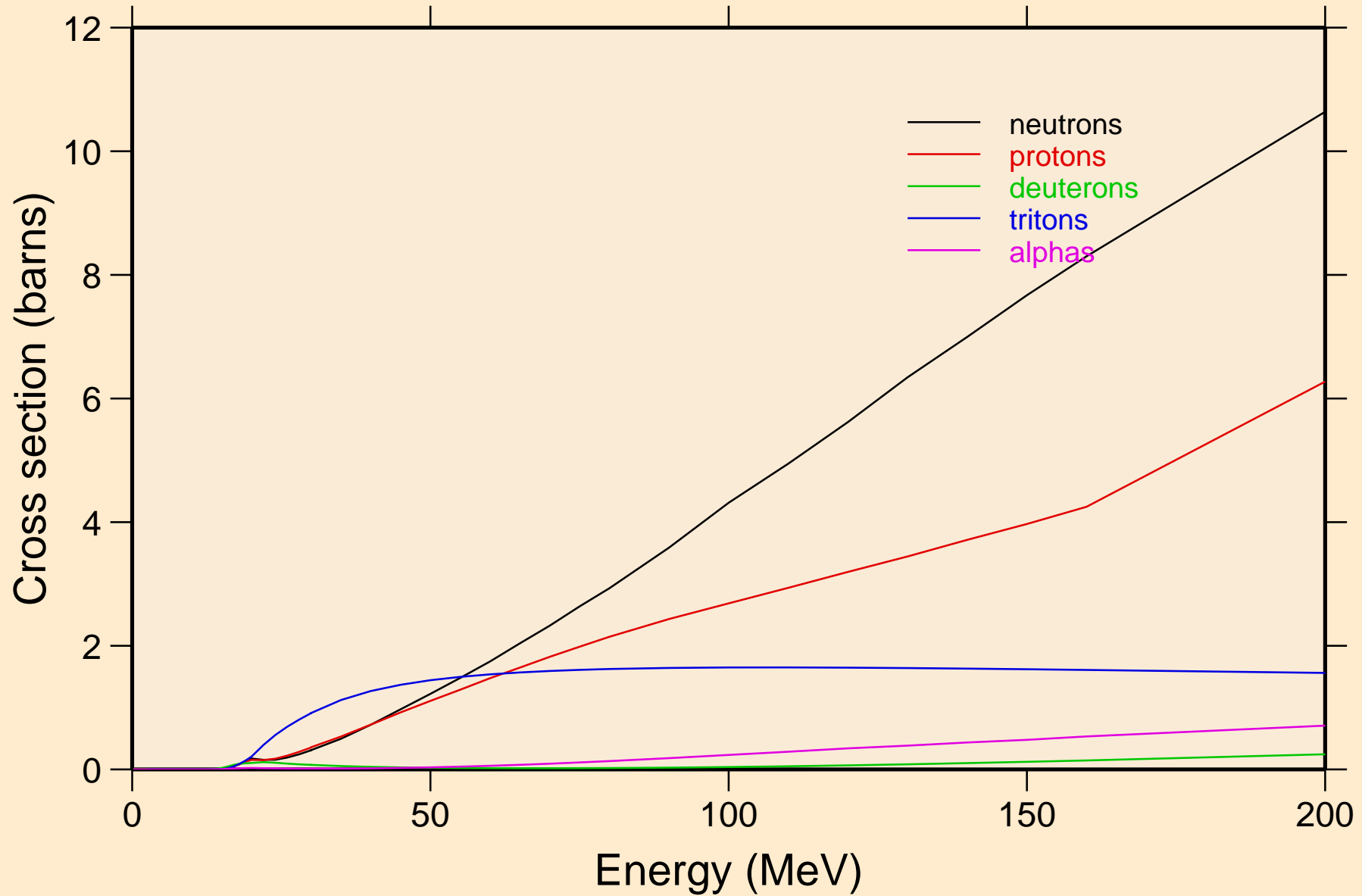
## Particle heating contributions



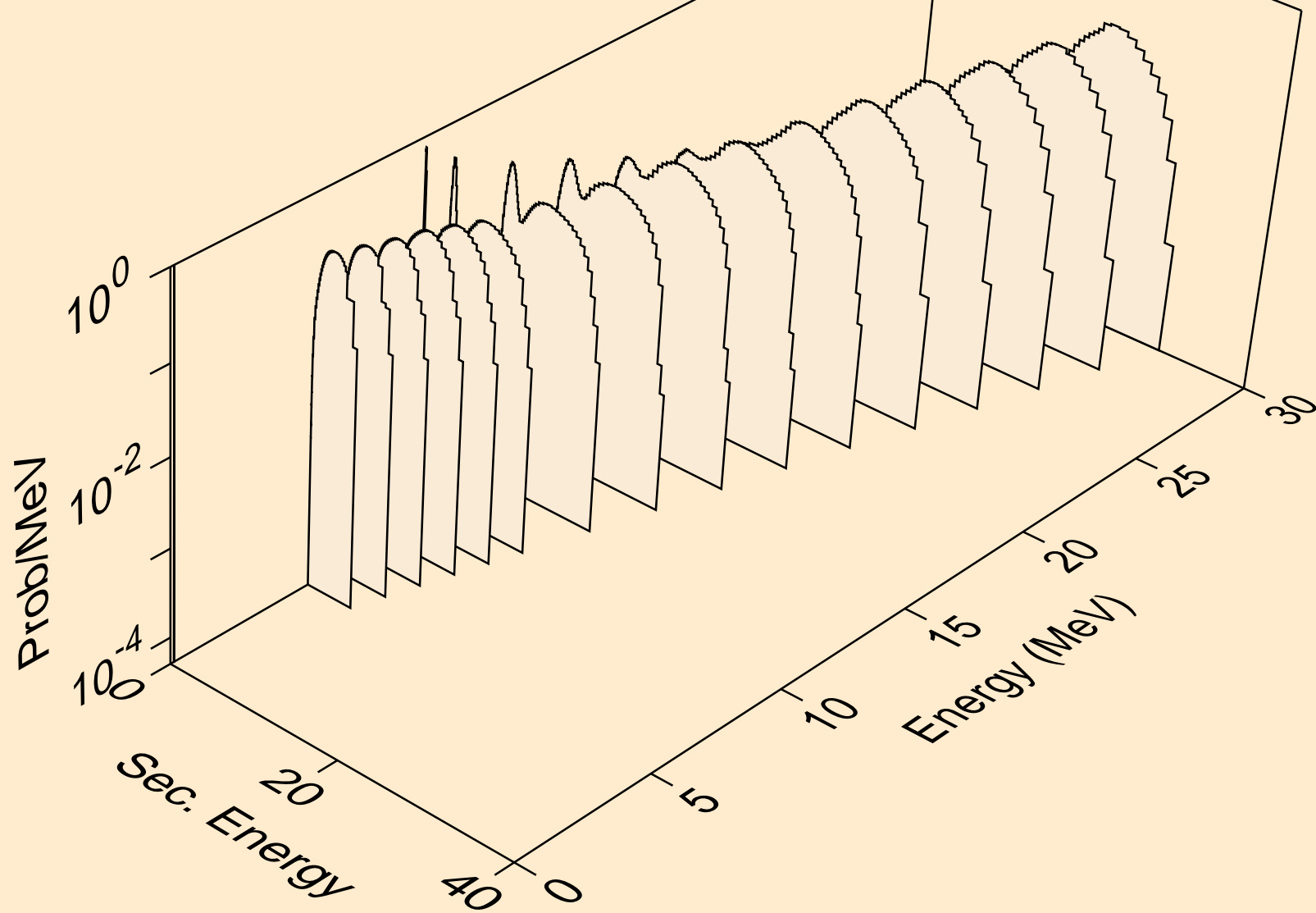
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

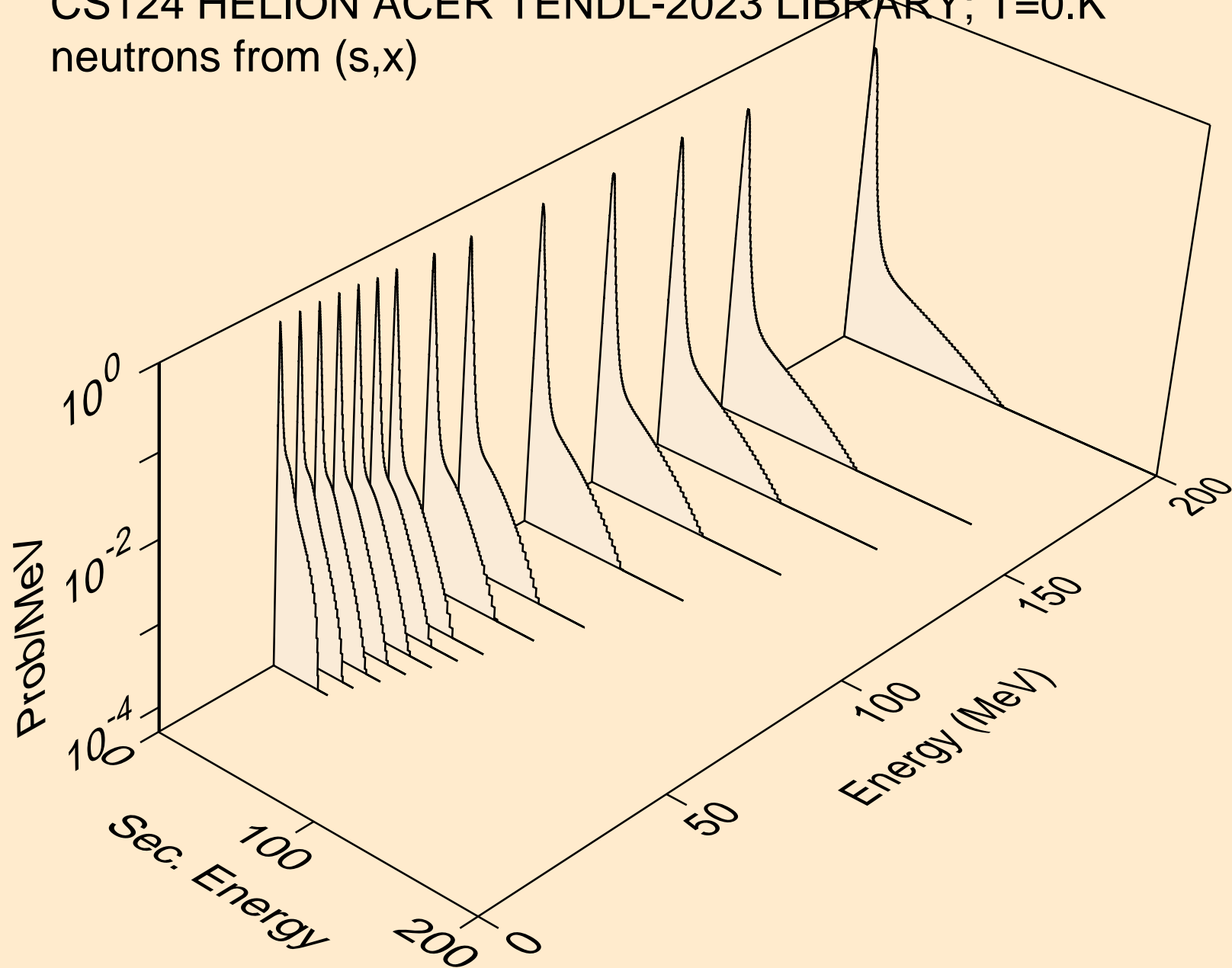


CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)

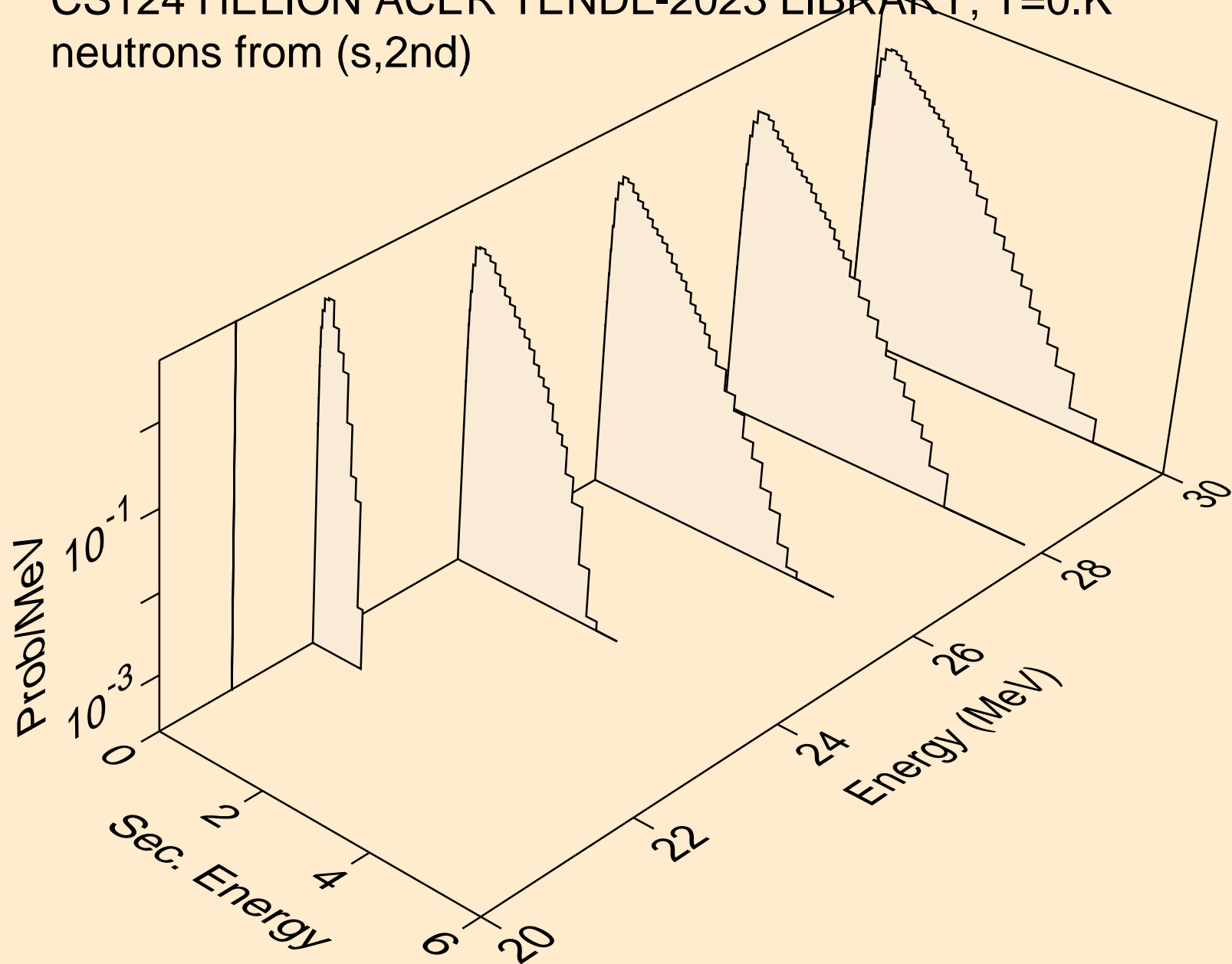




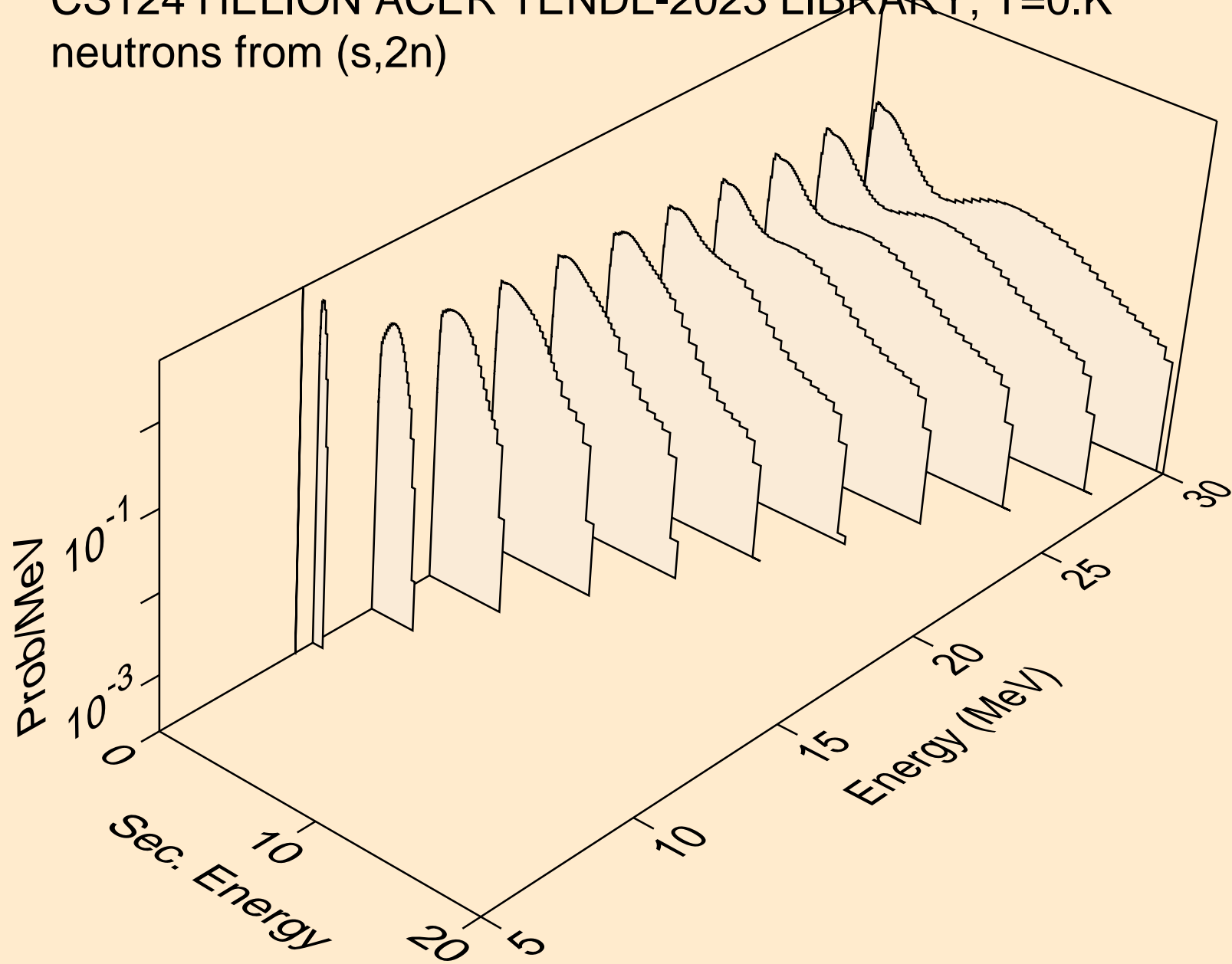
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



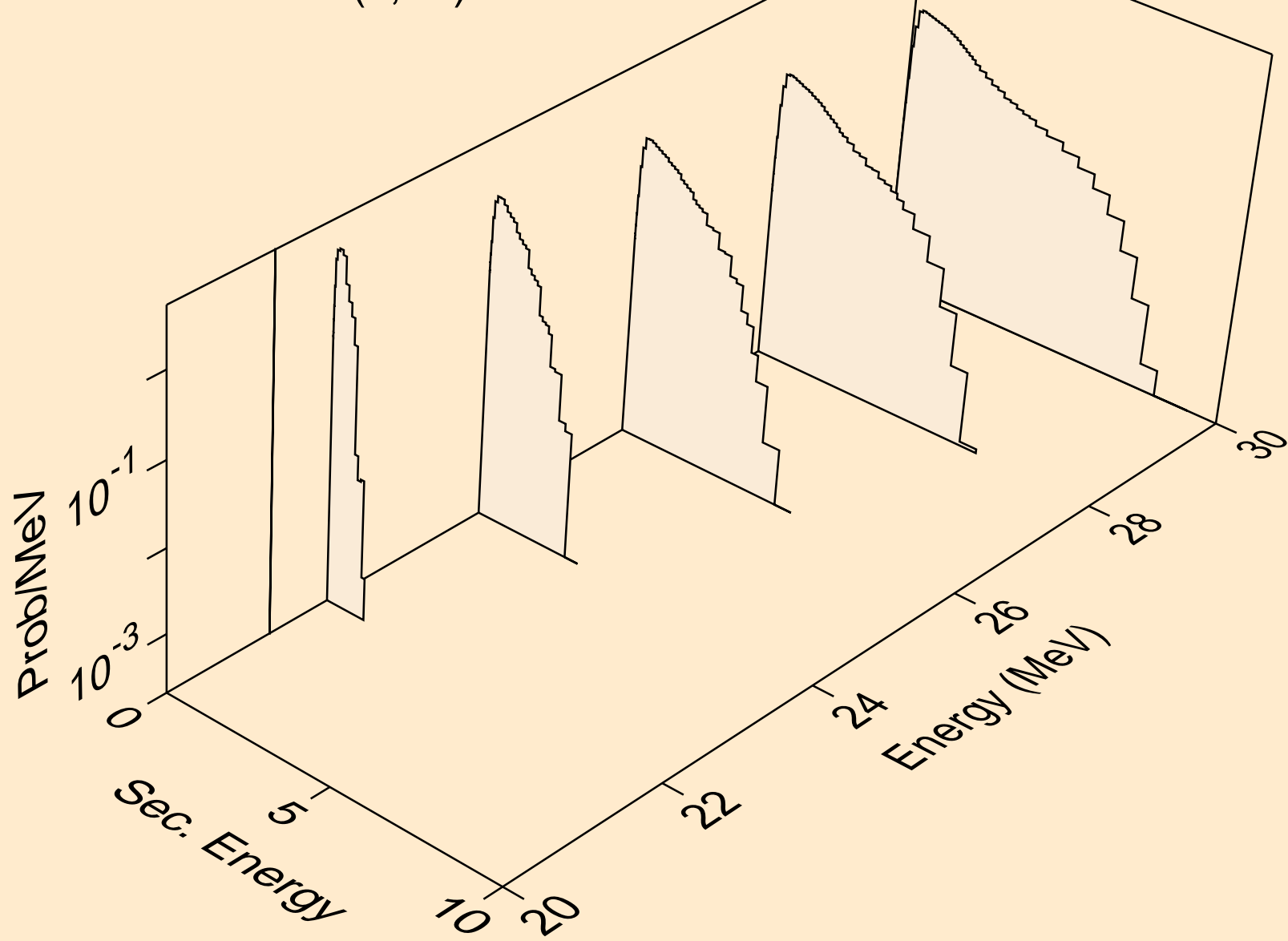
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



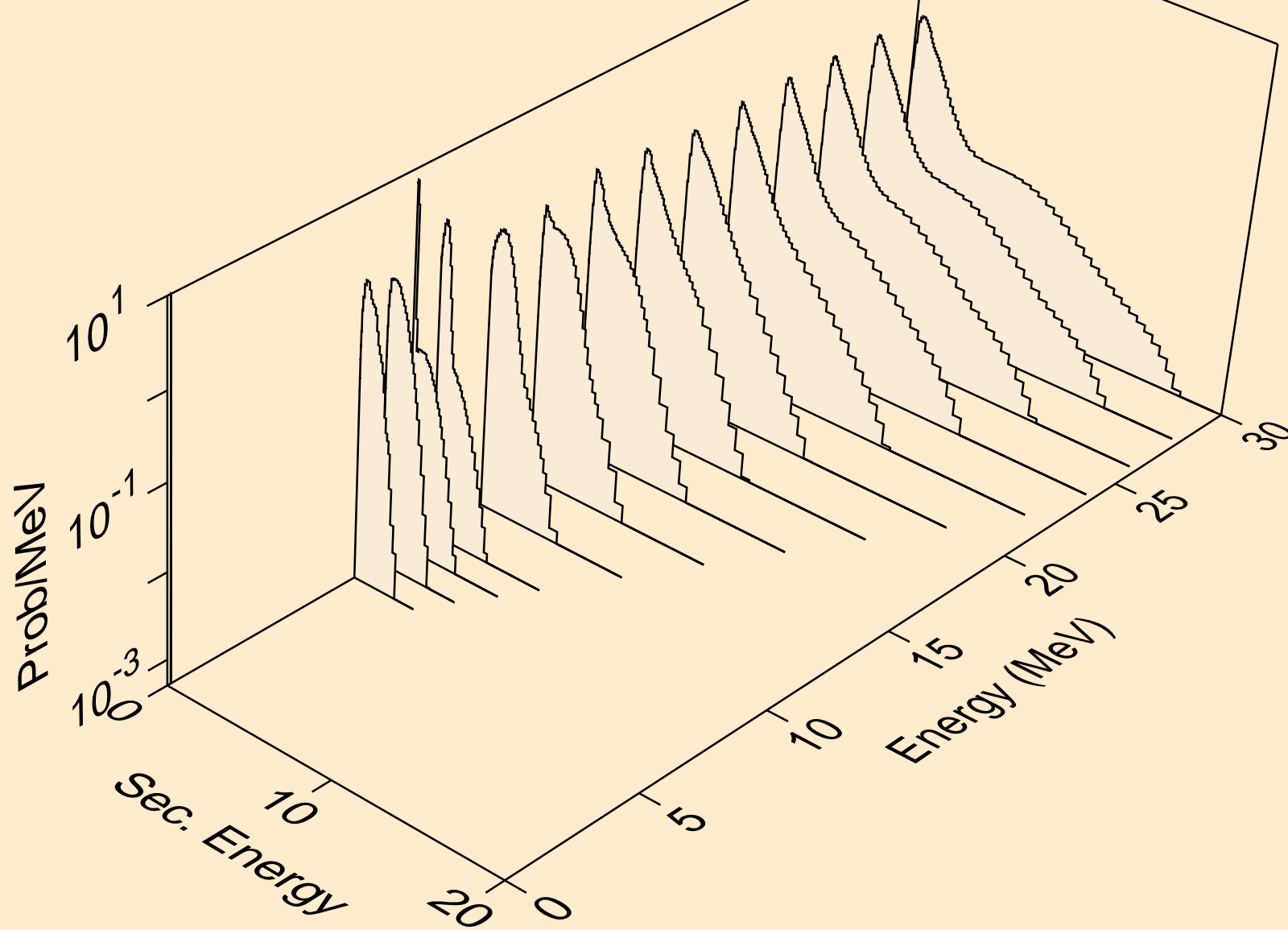
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



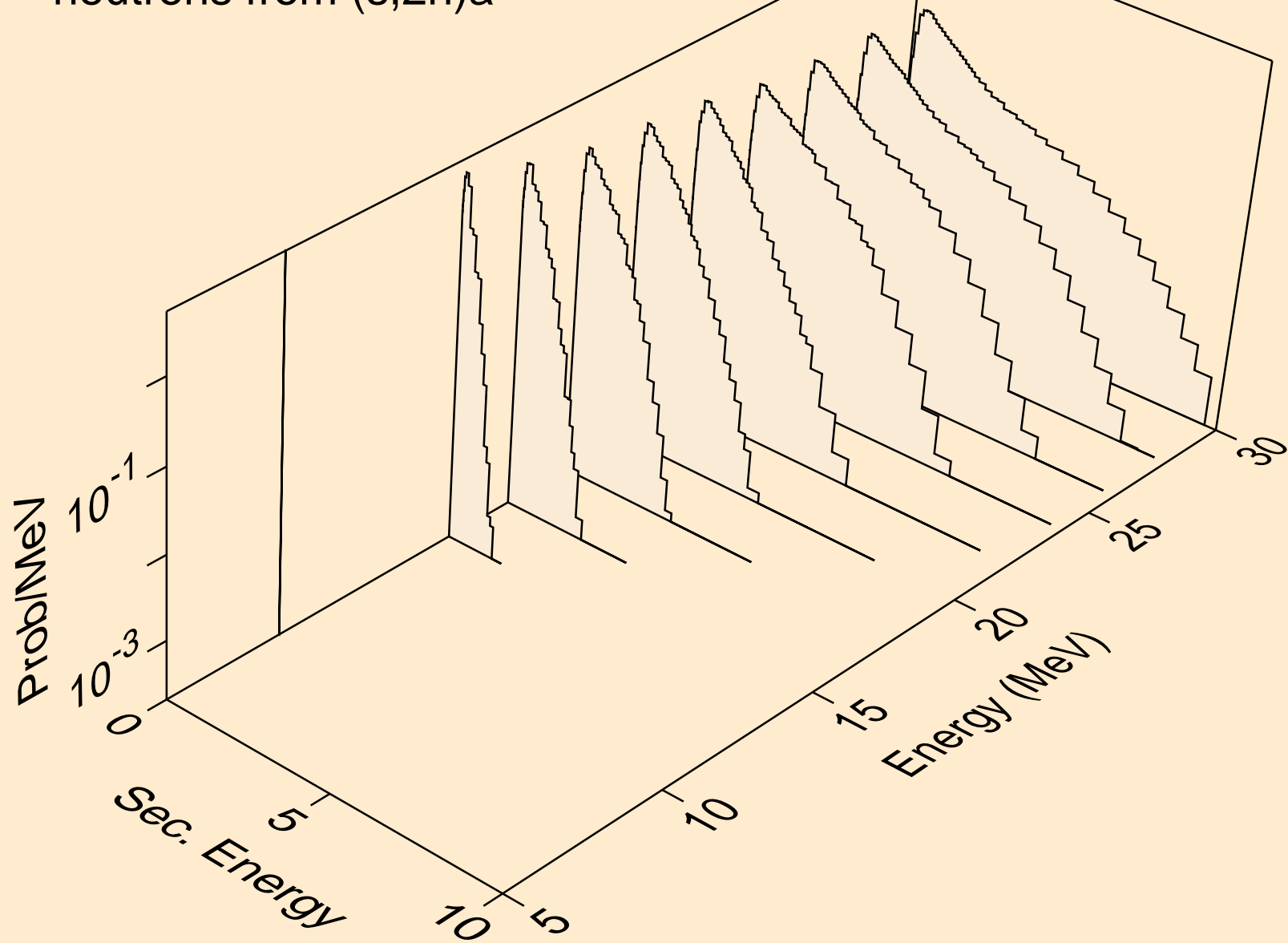
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



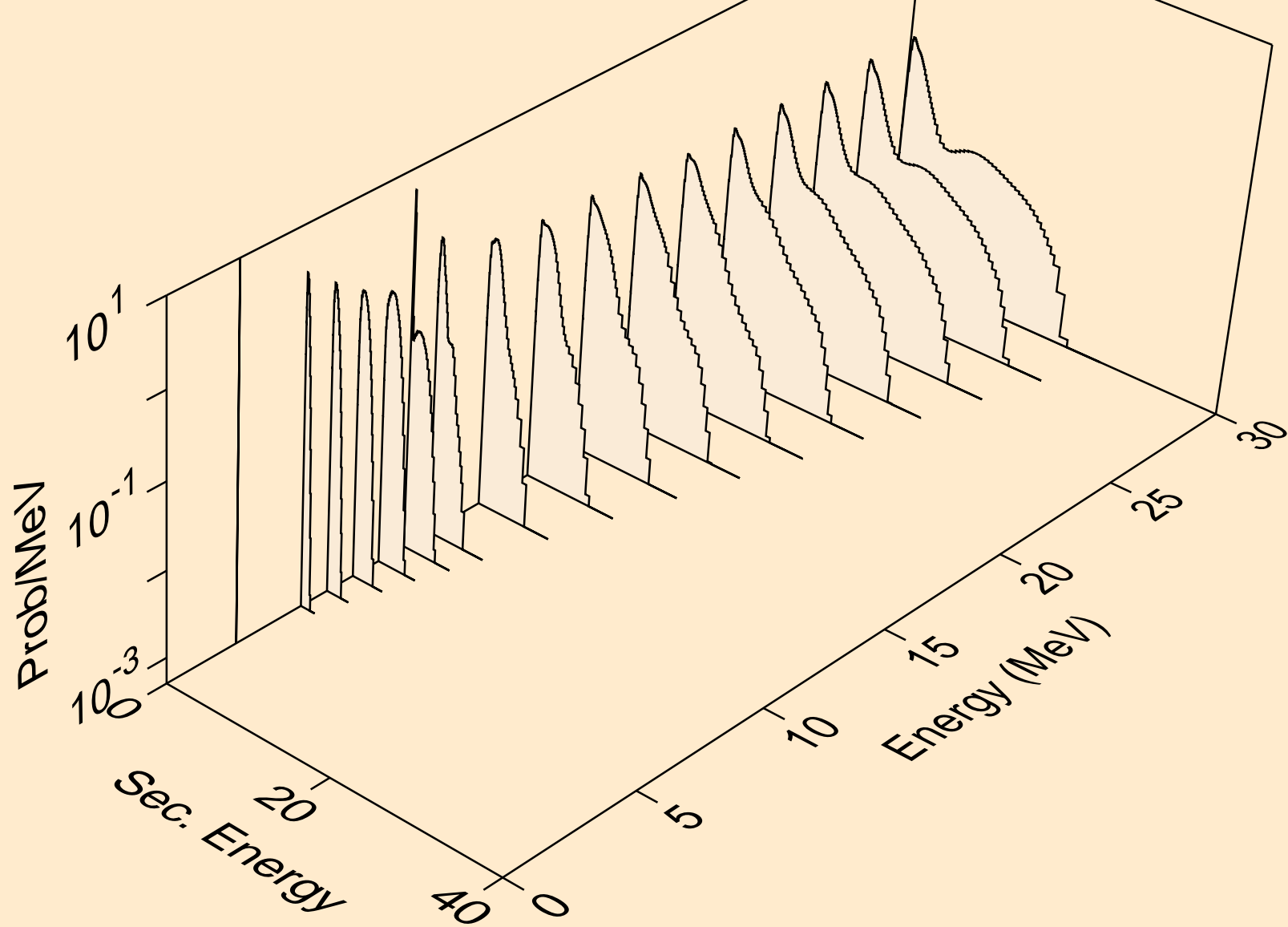
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



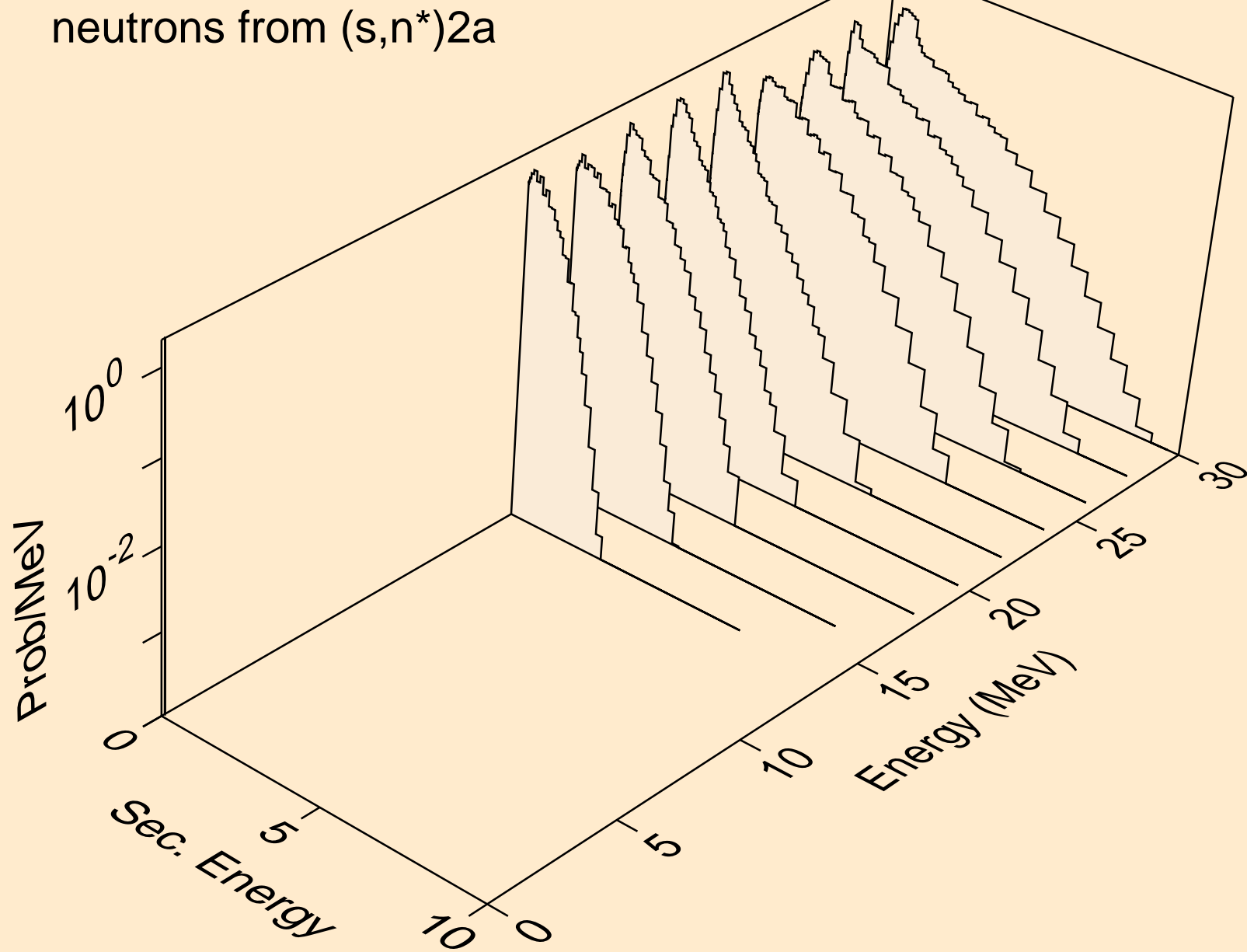
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p

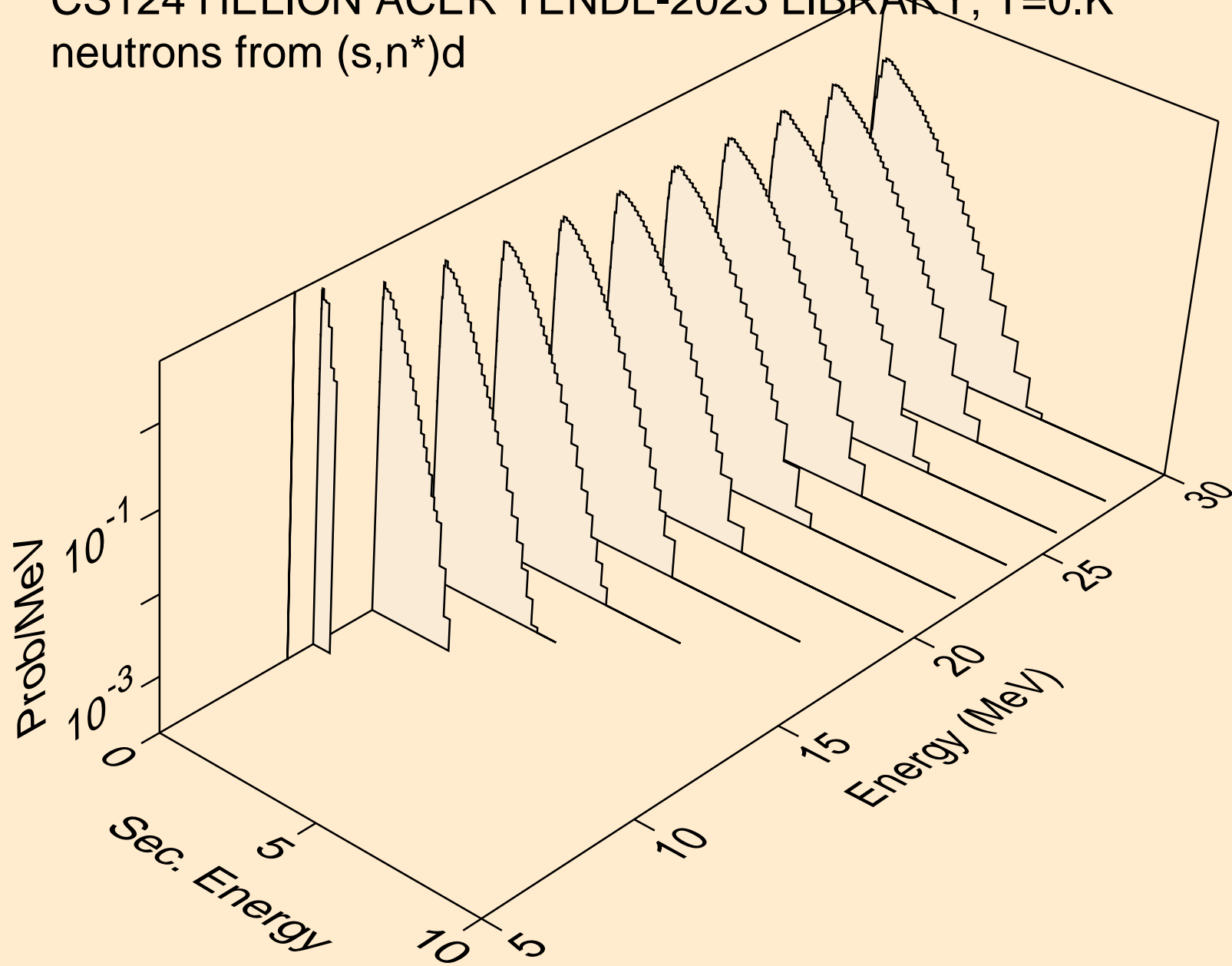


CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

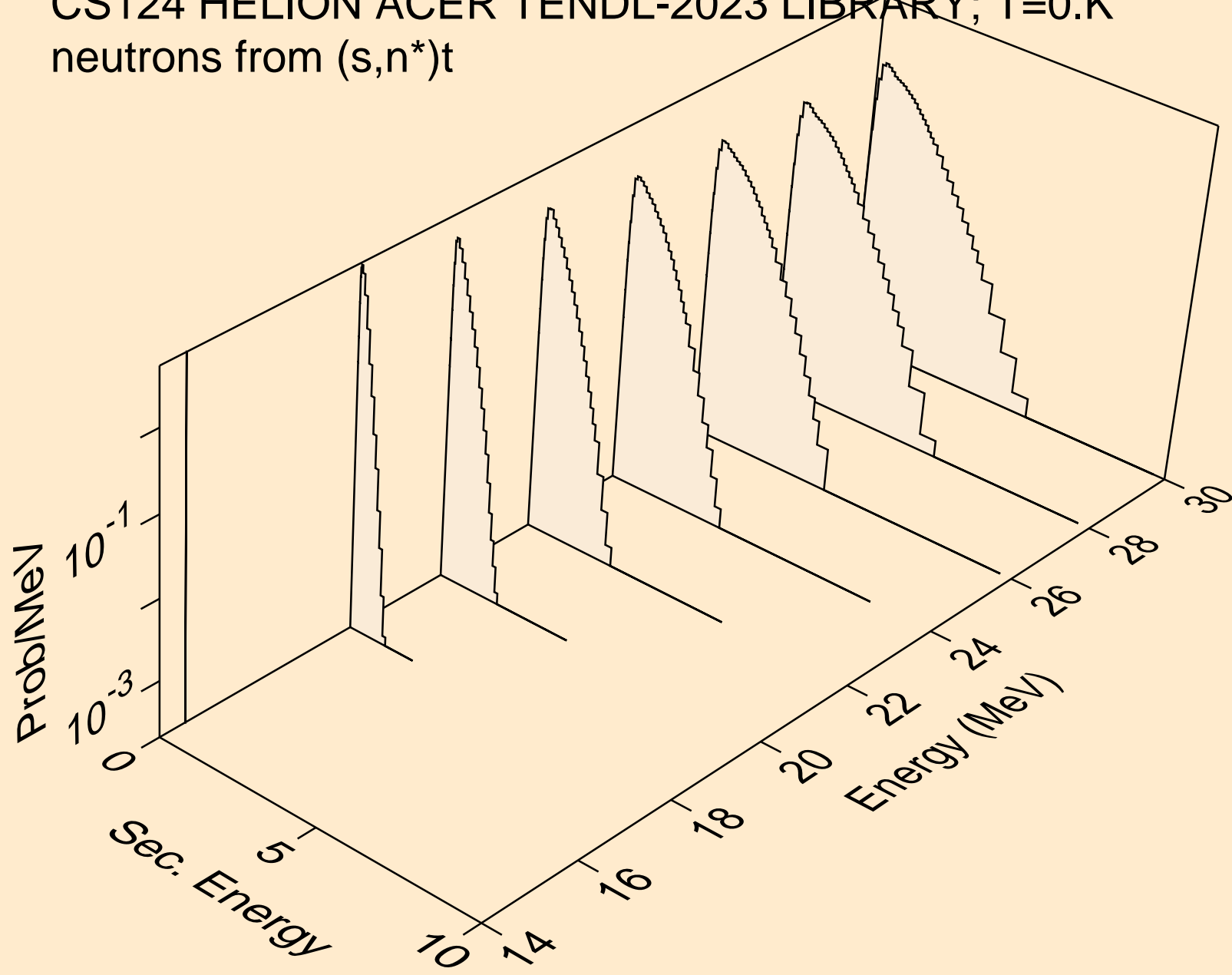




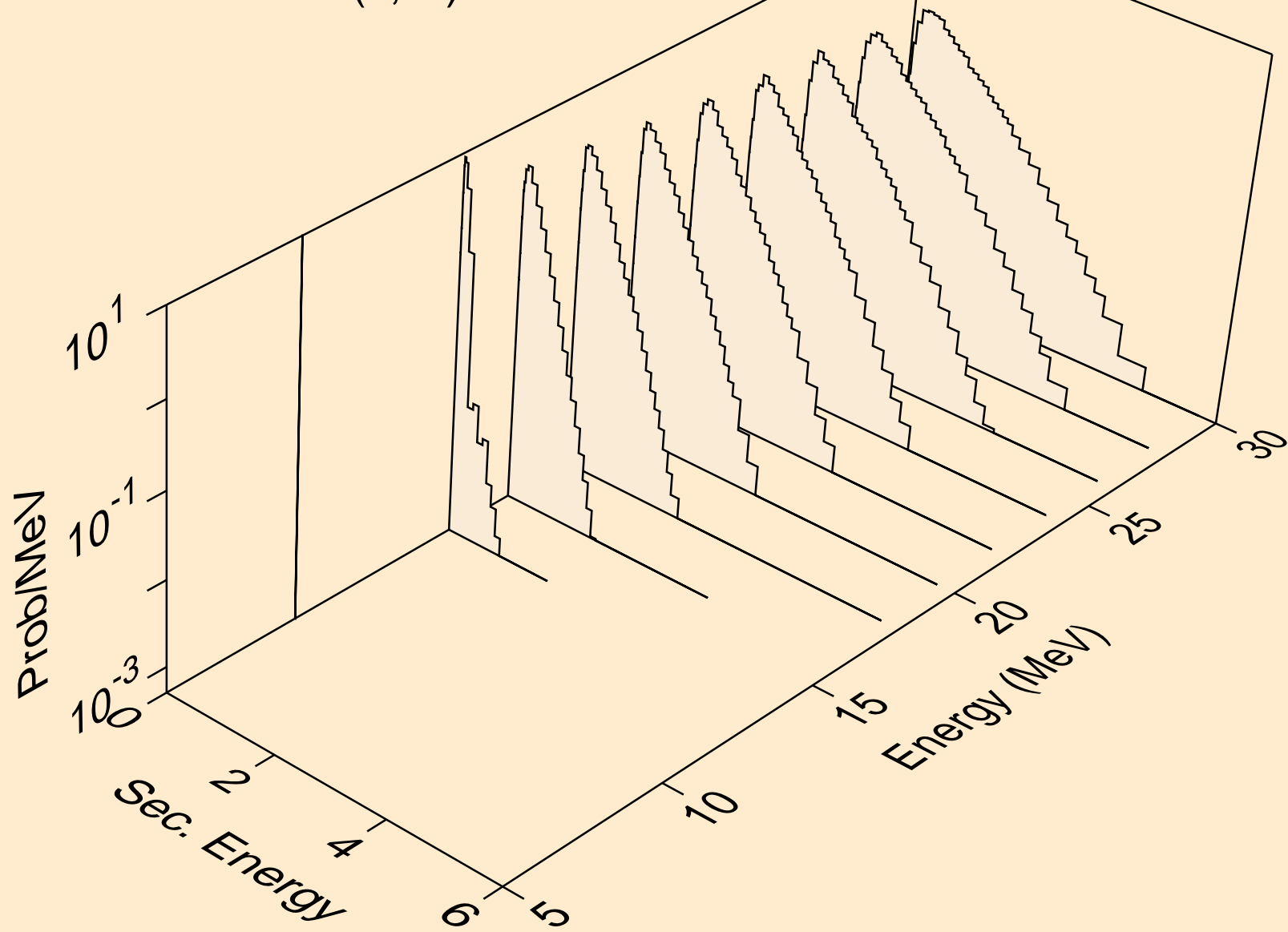
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



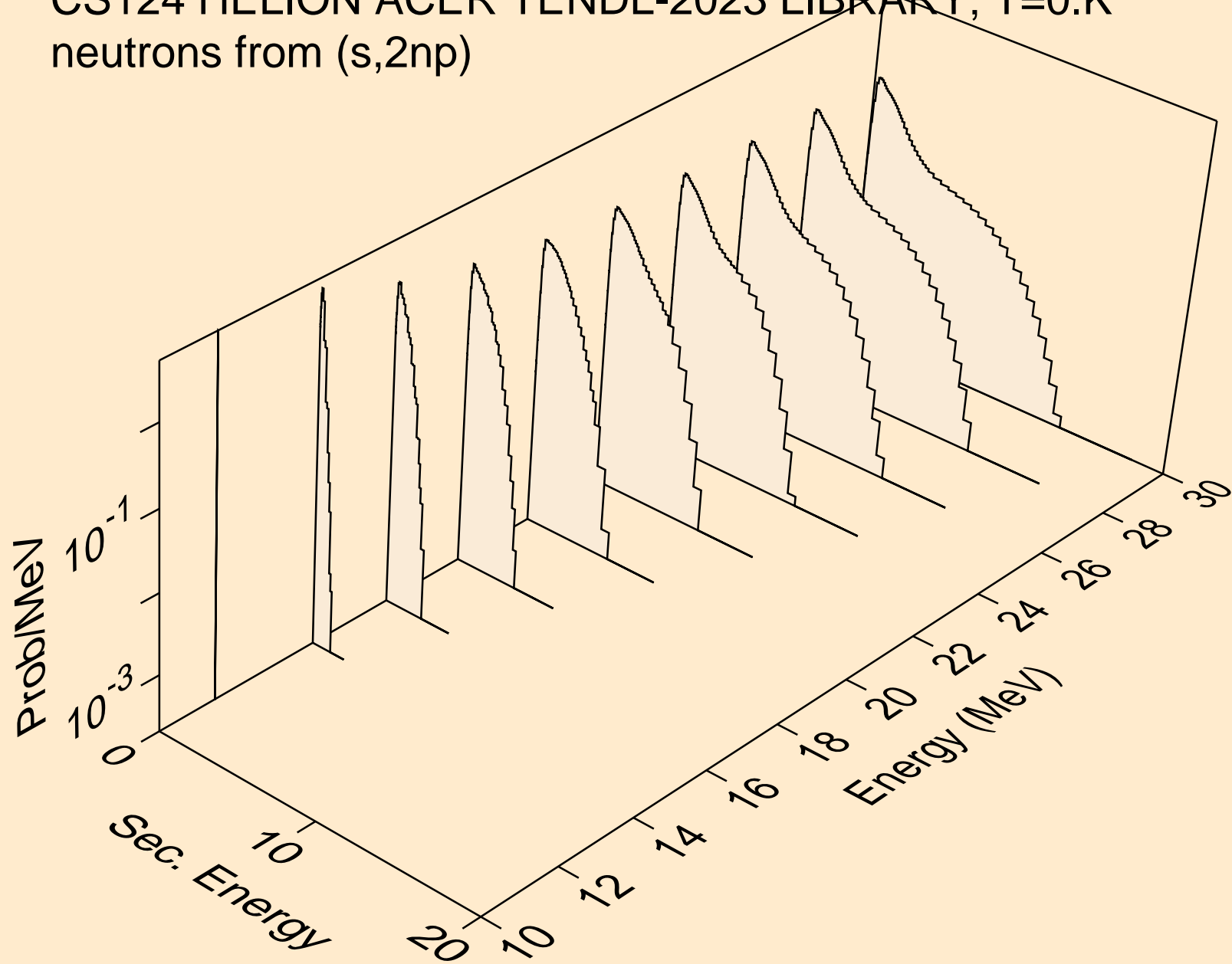
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



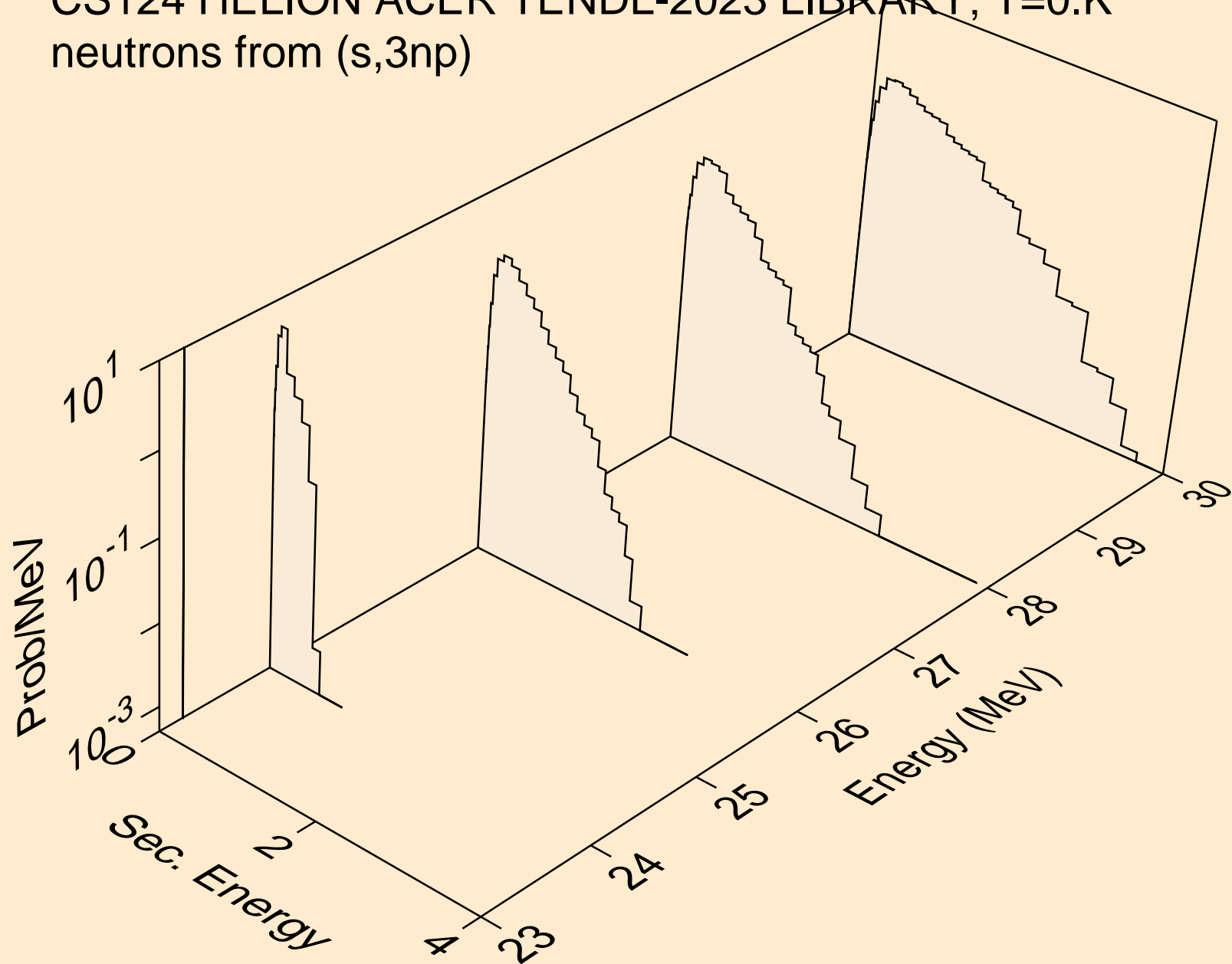
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



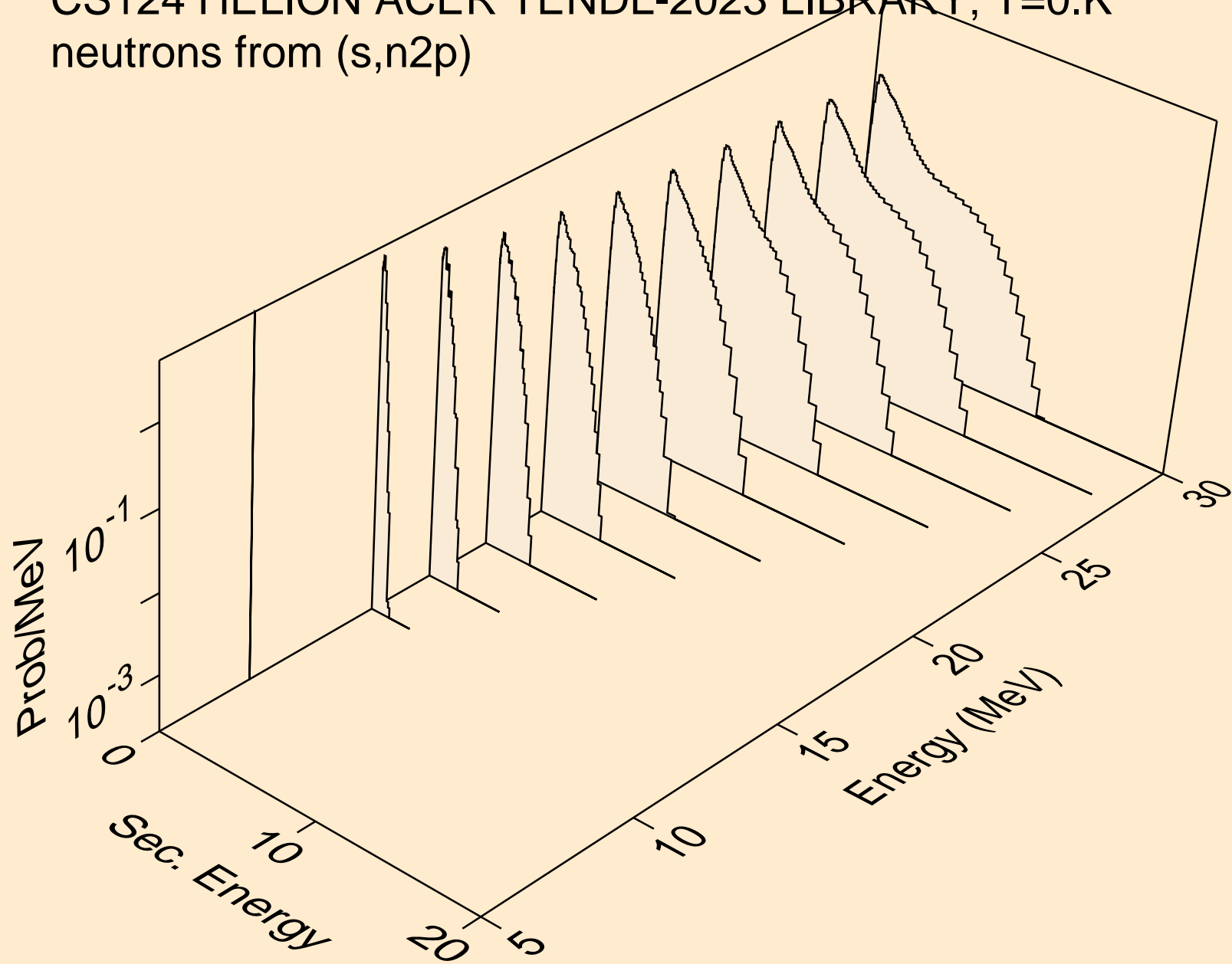
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



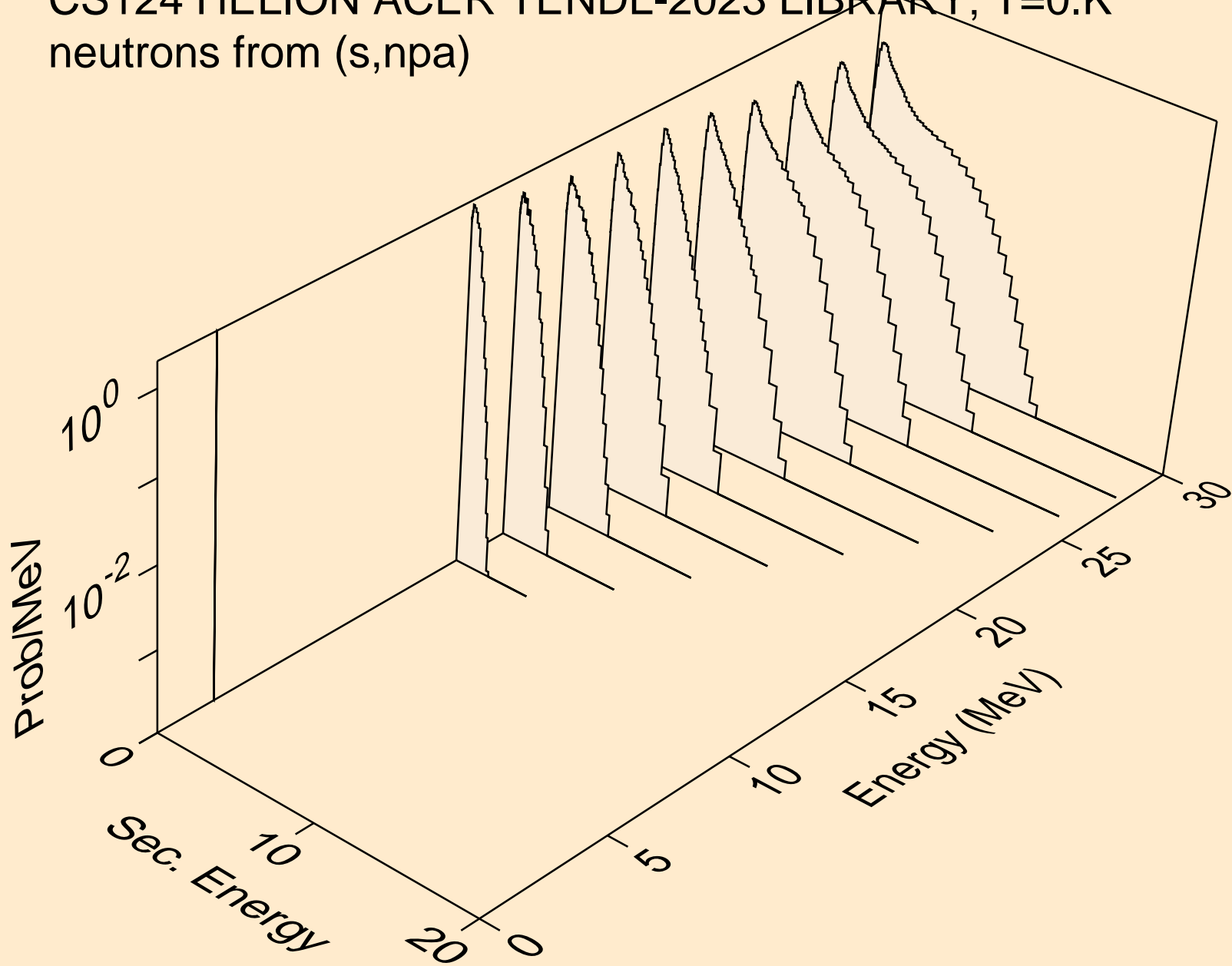
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)



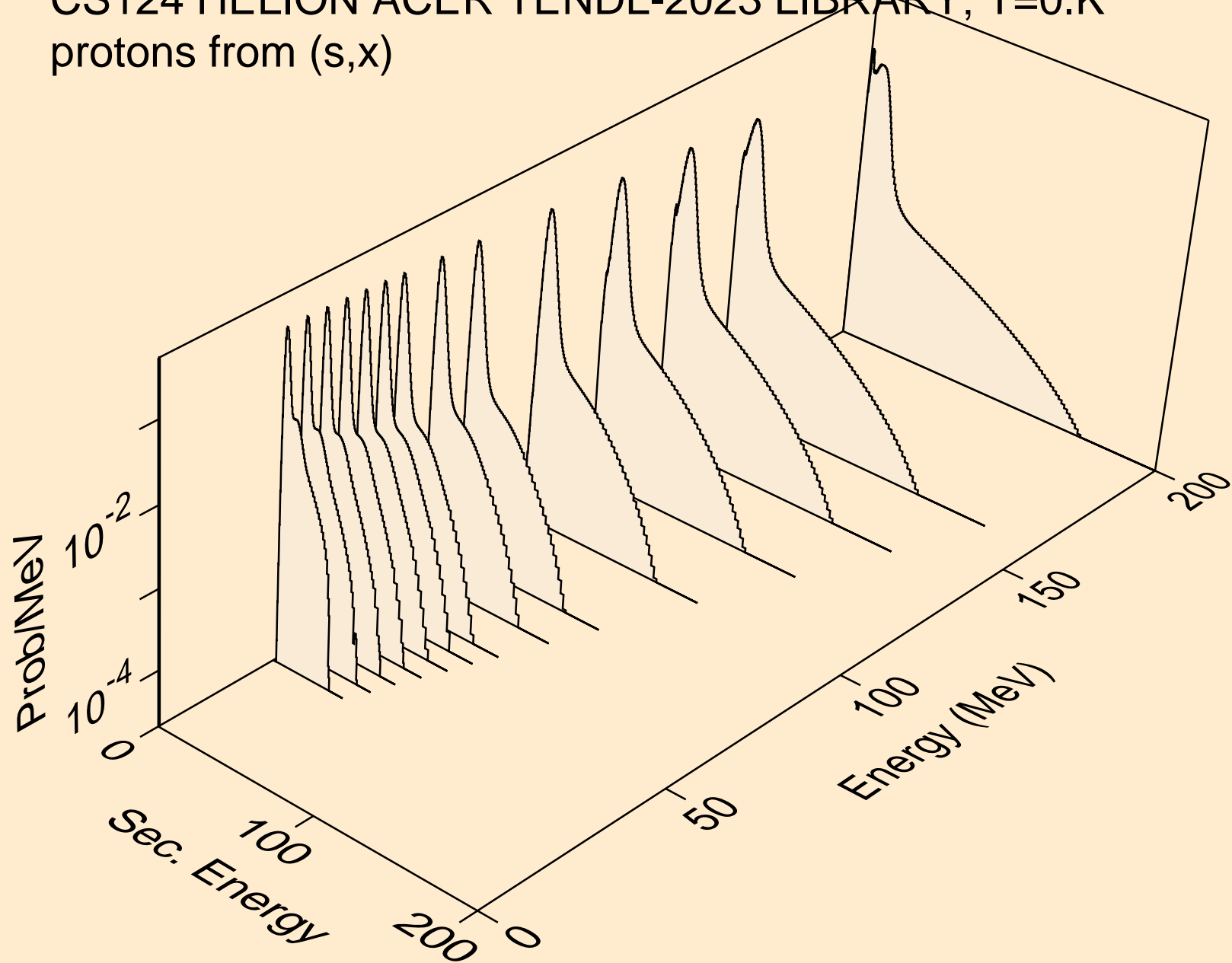
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)

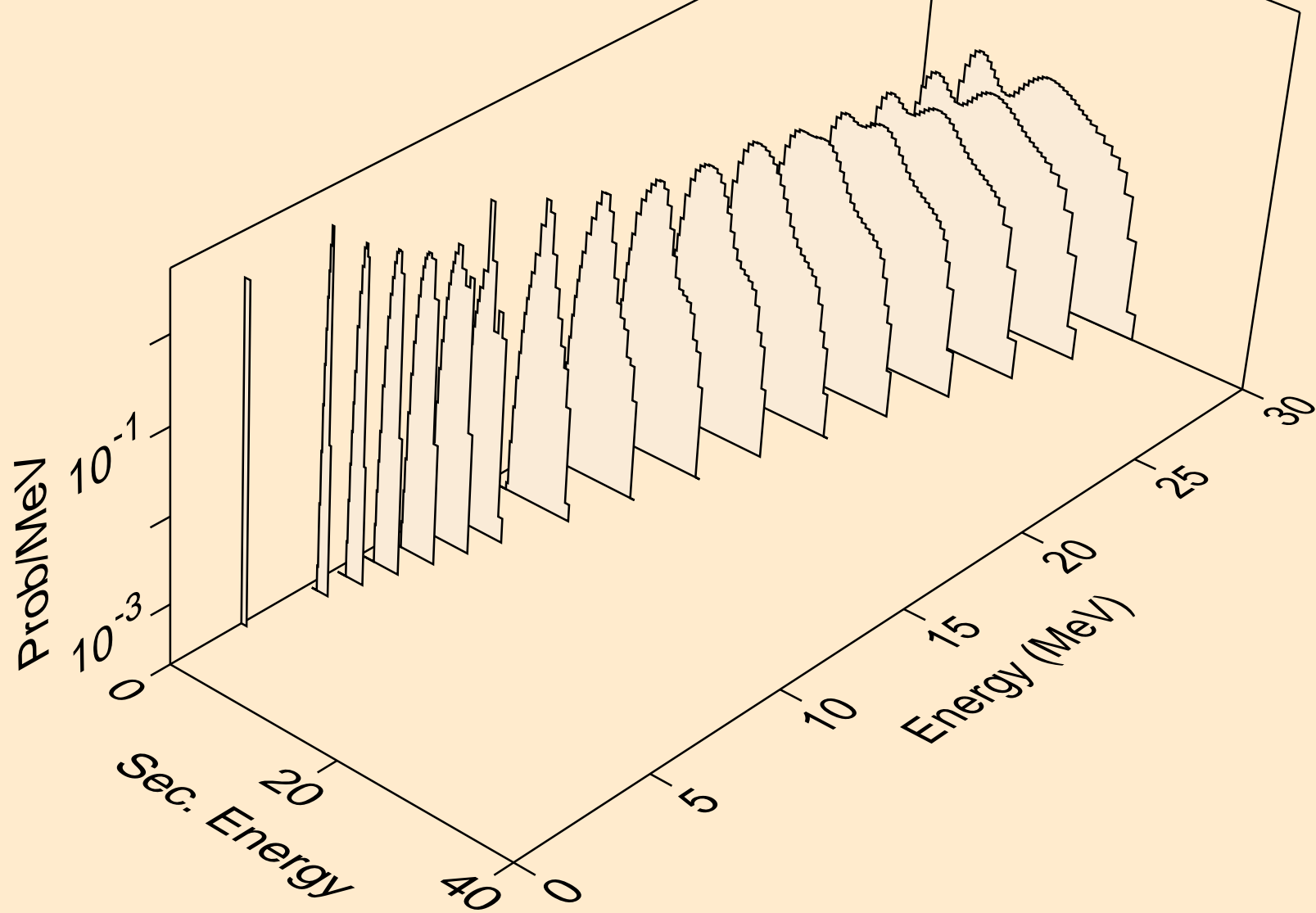


CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)

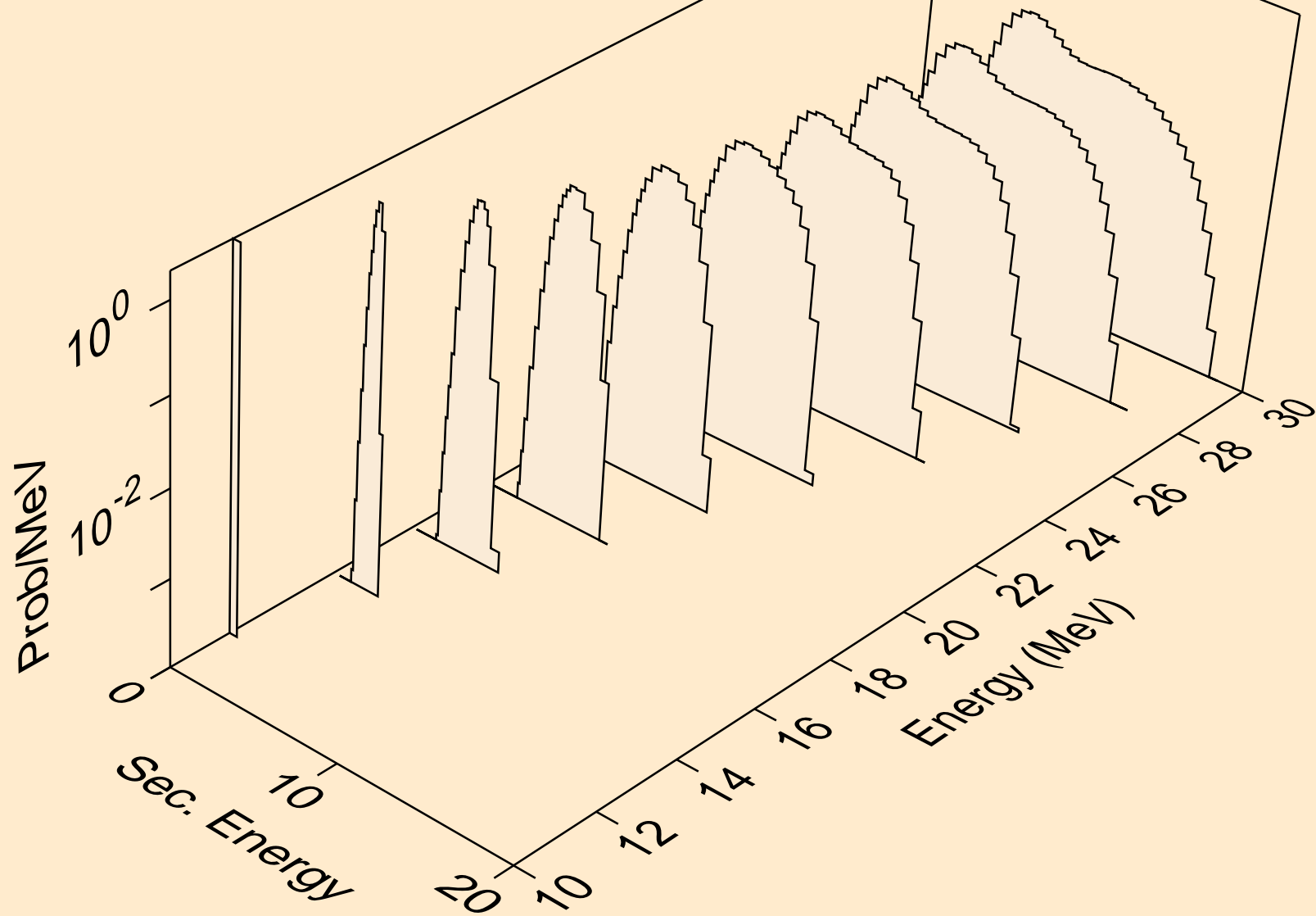




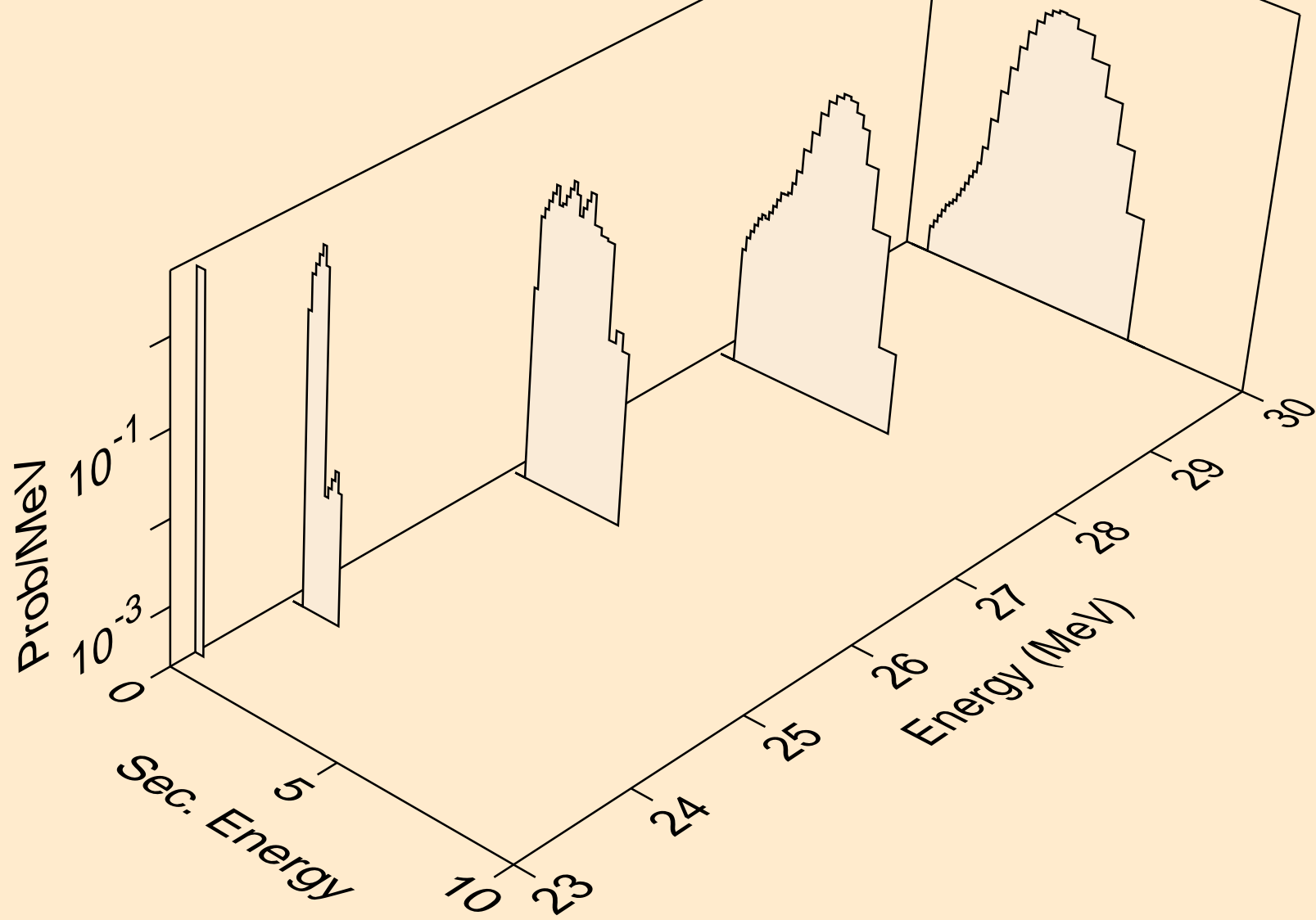
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



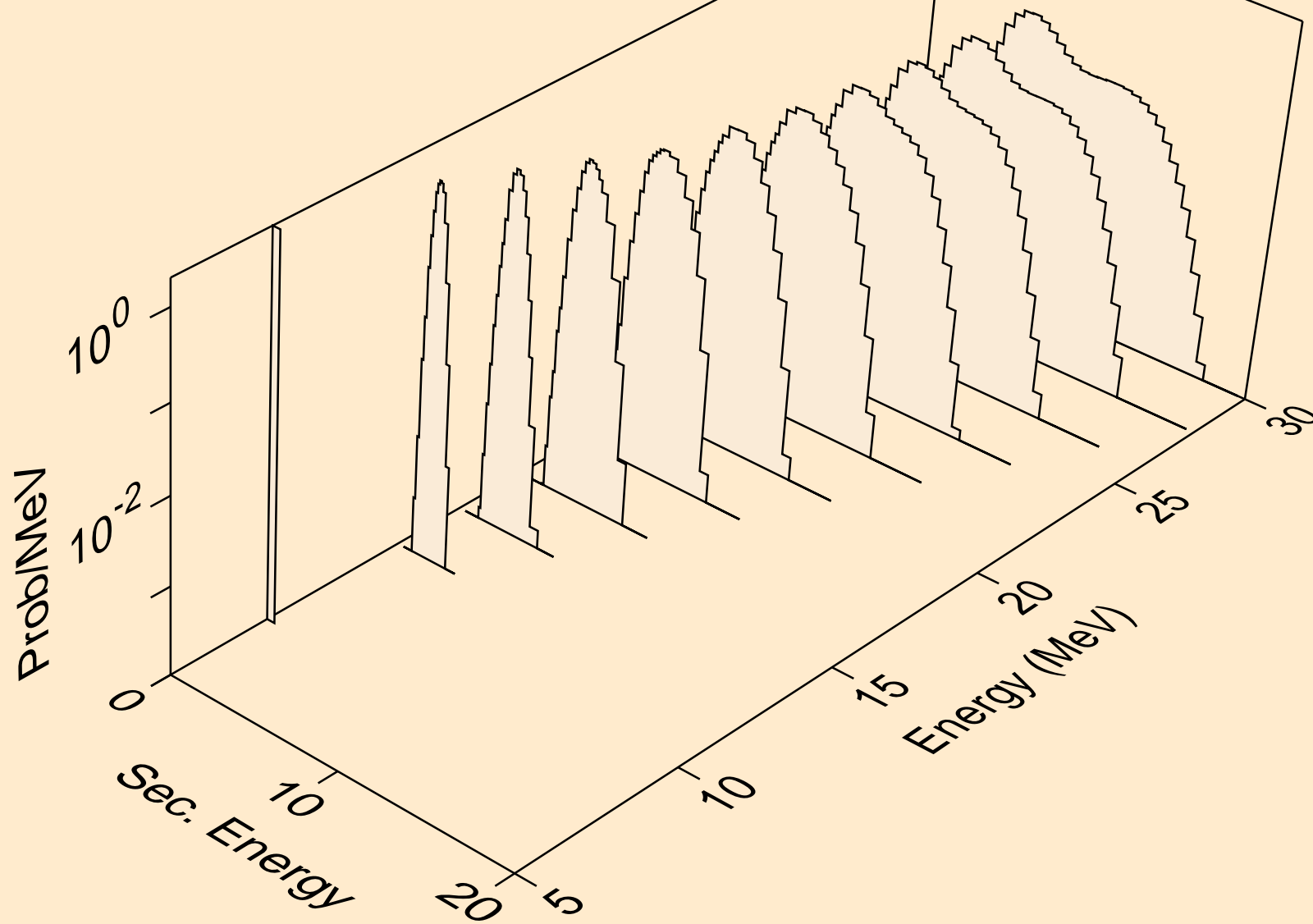
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



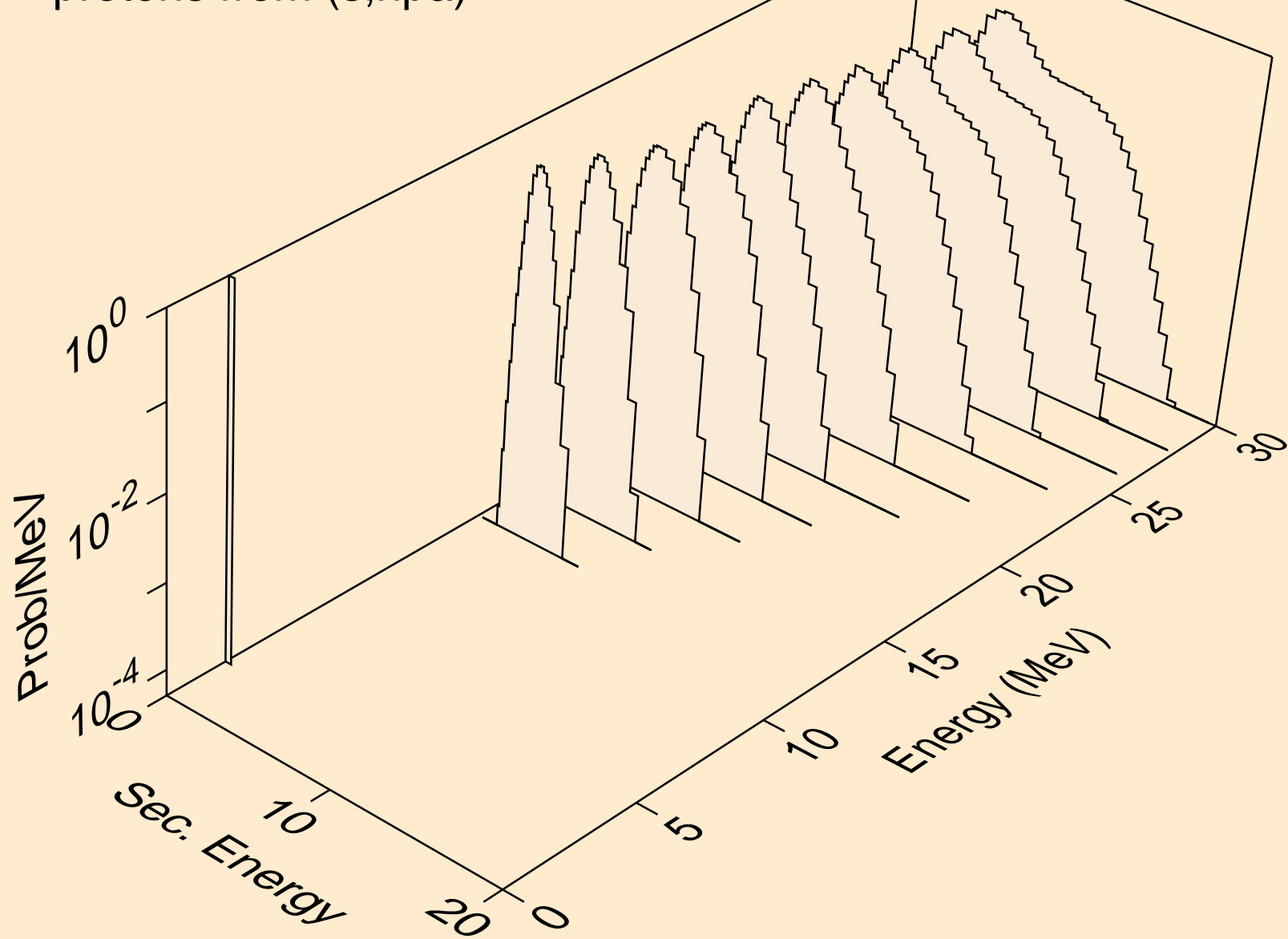
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)



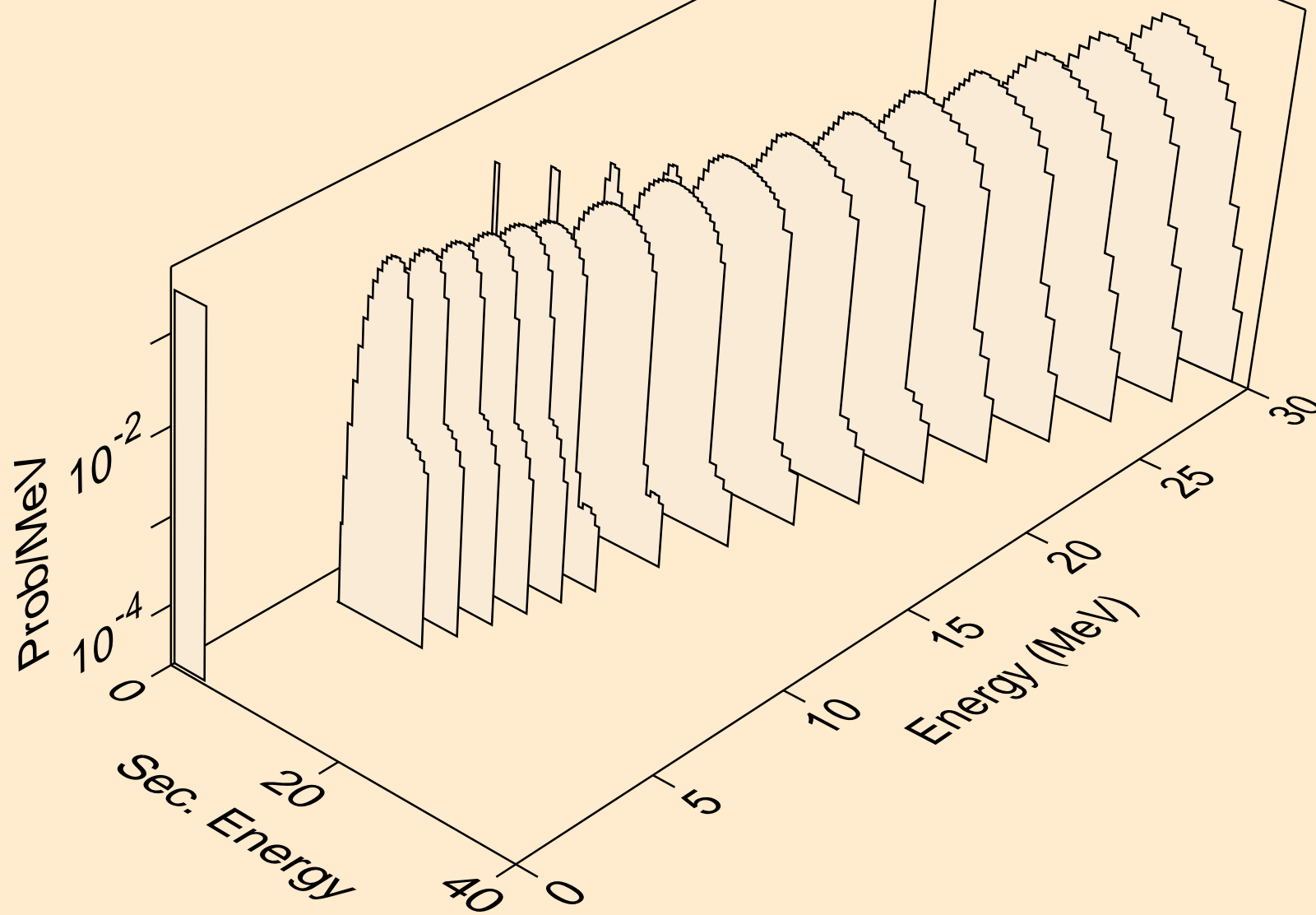
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



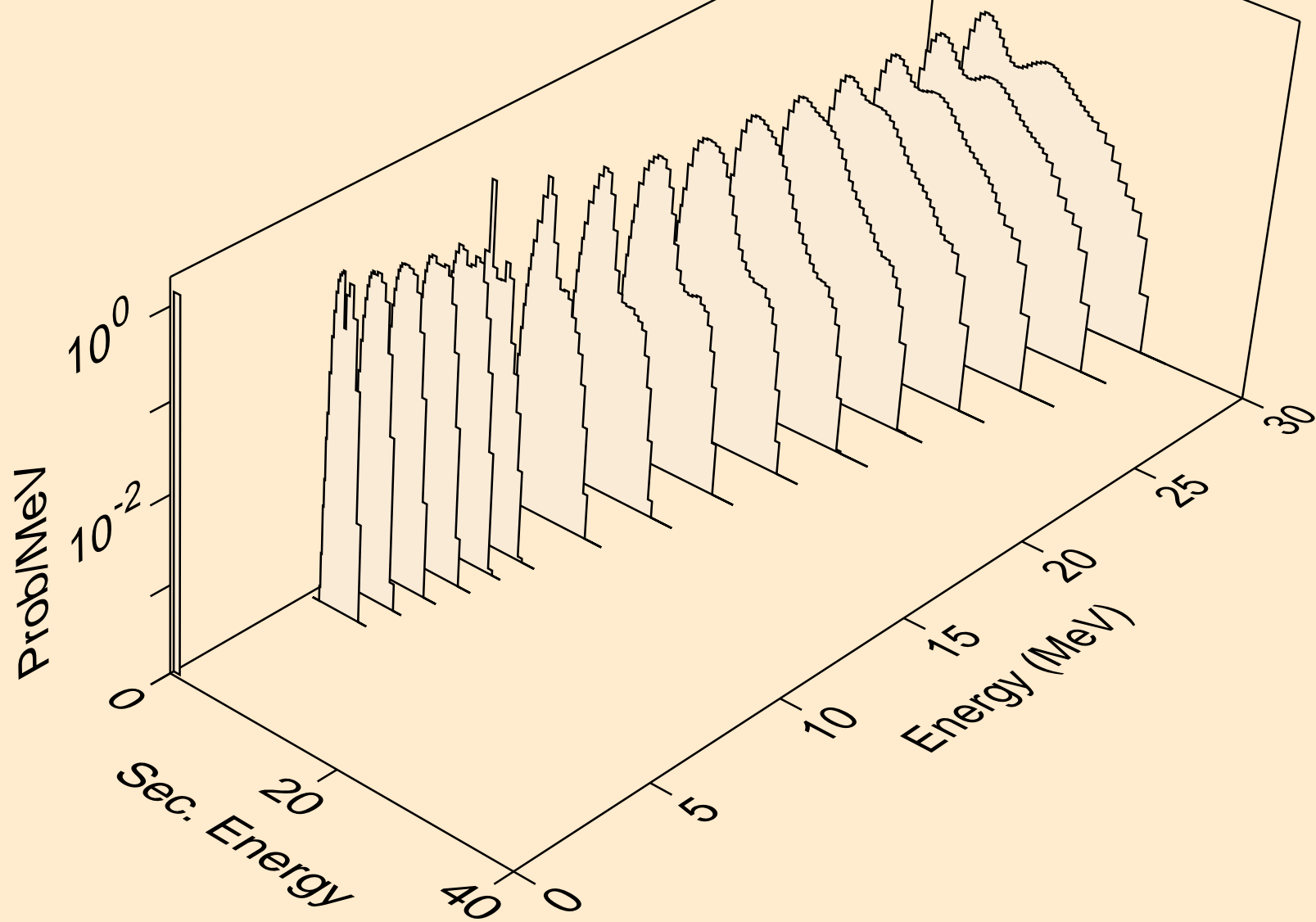
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



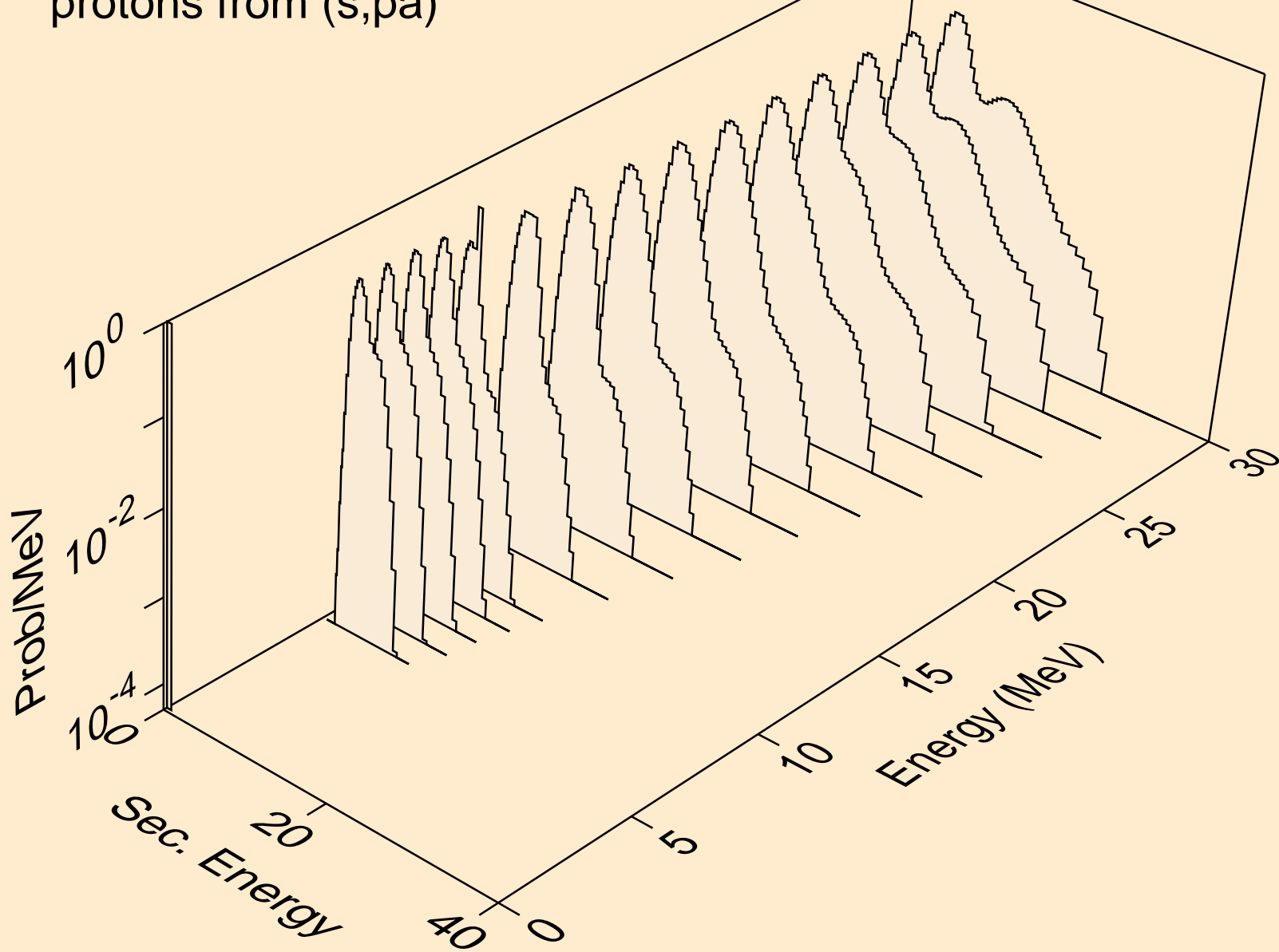
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)

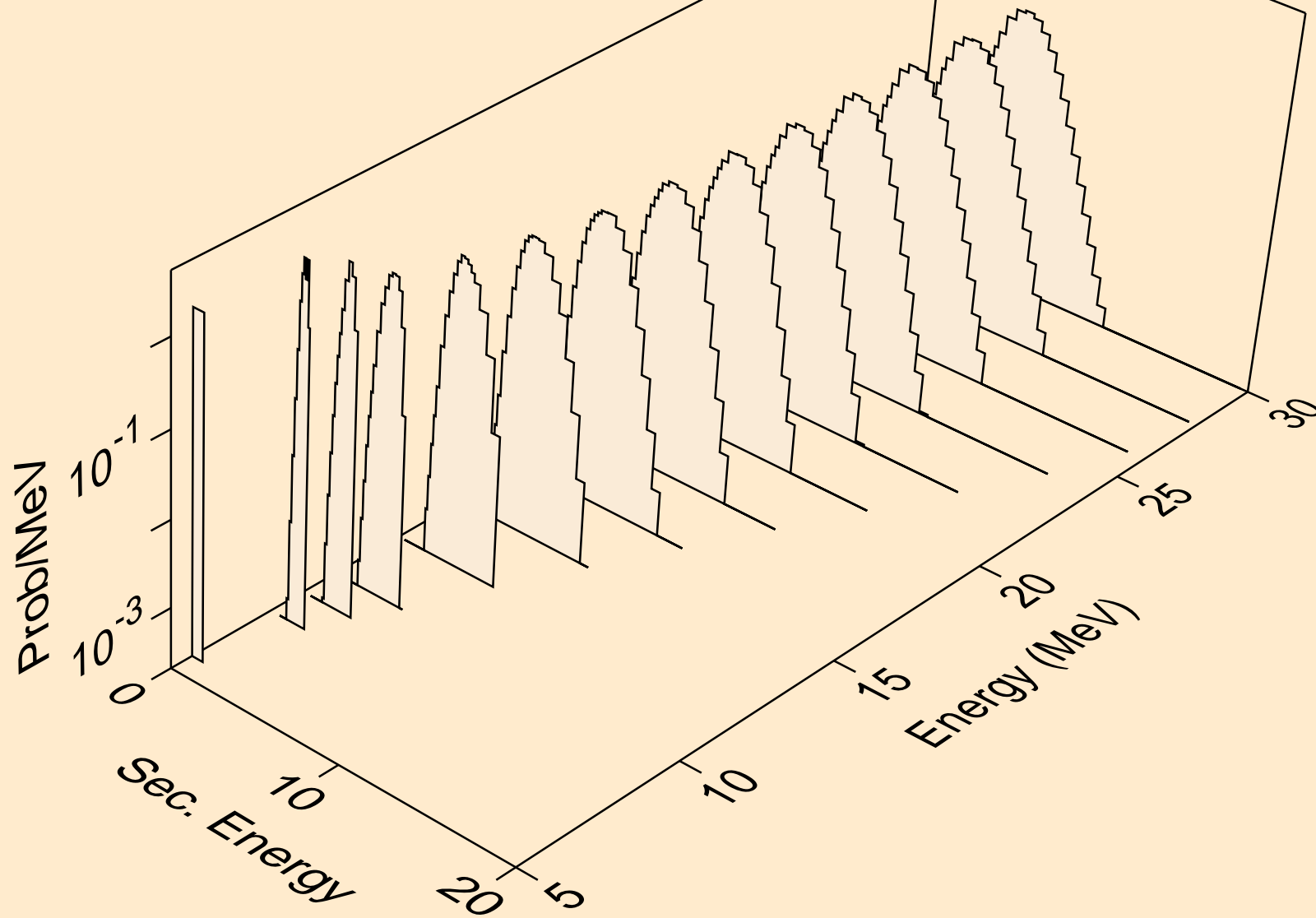


CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)

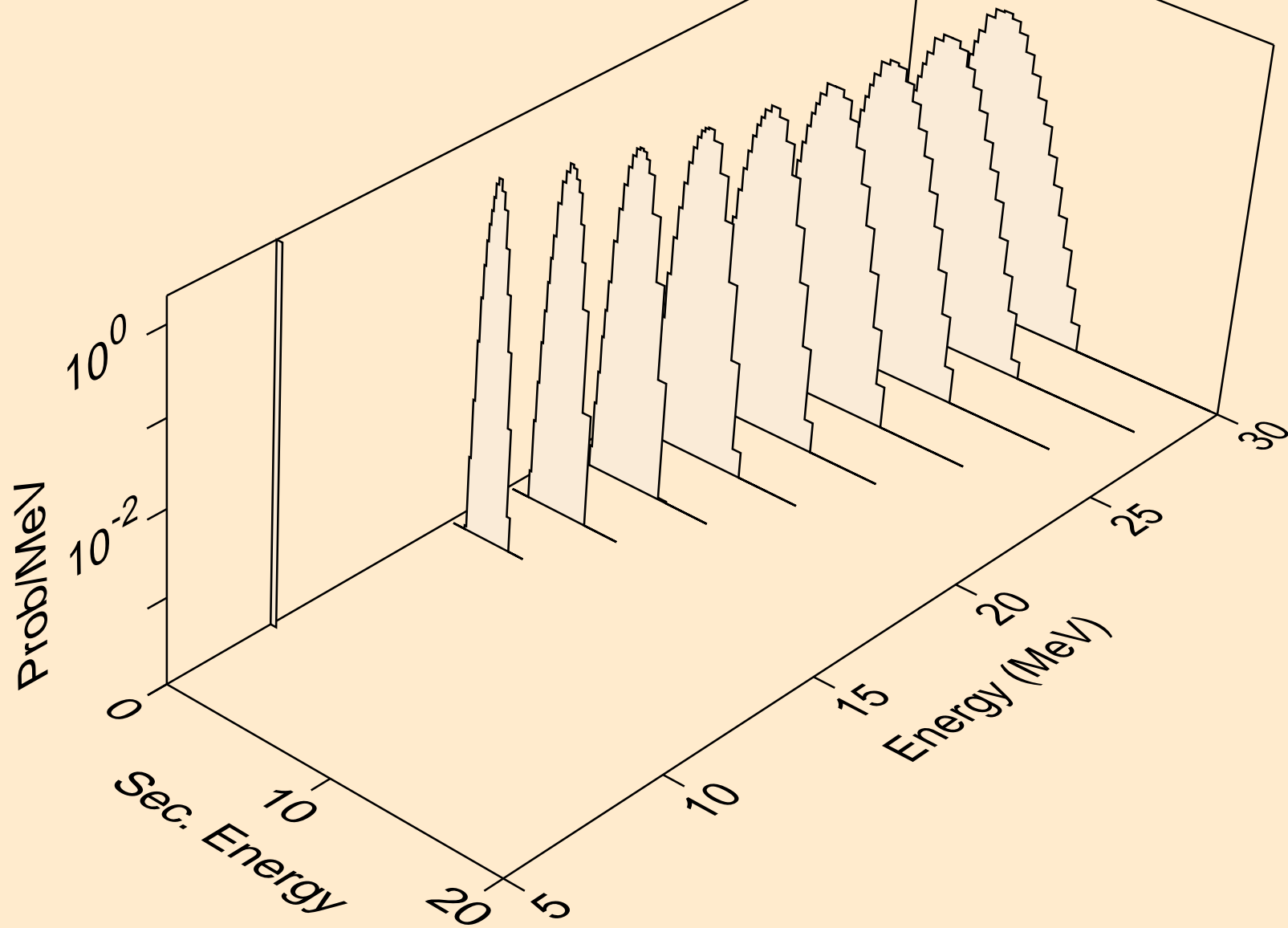




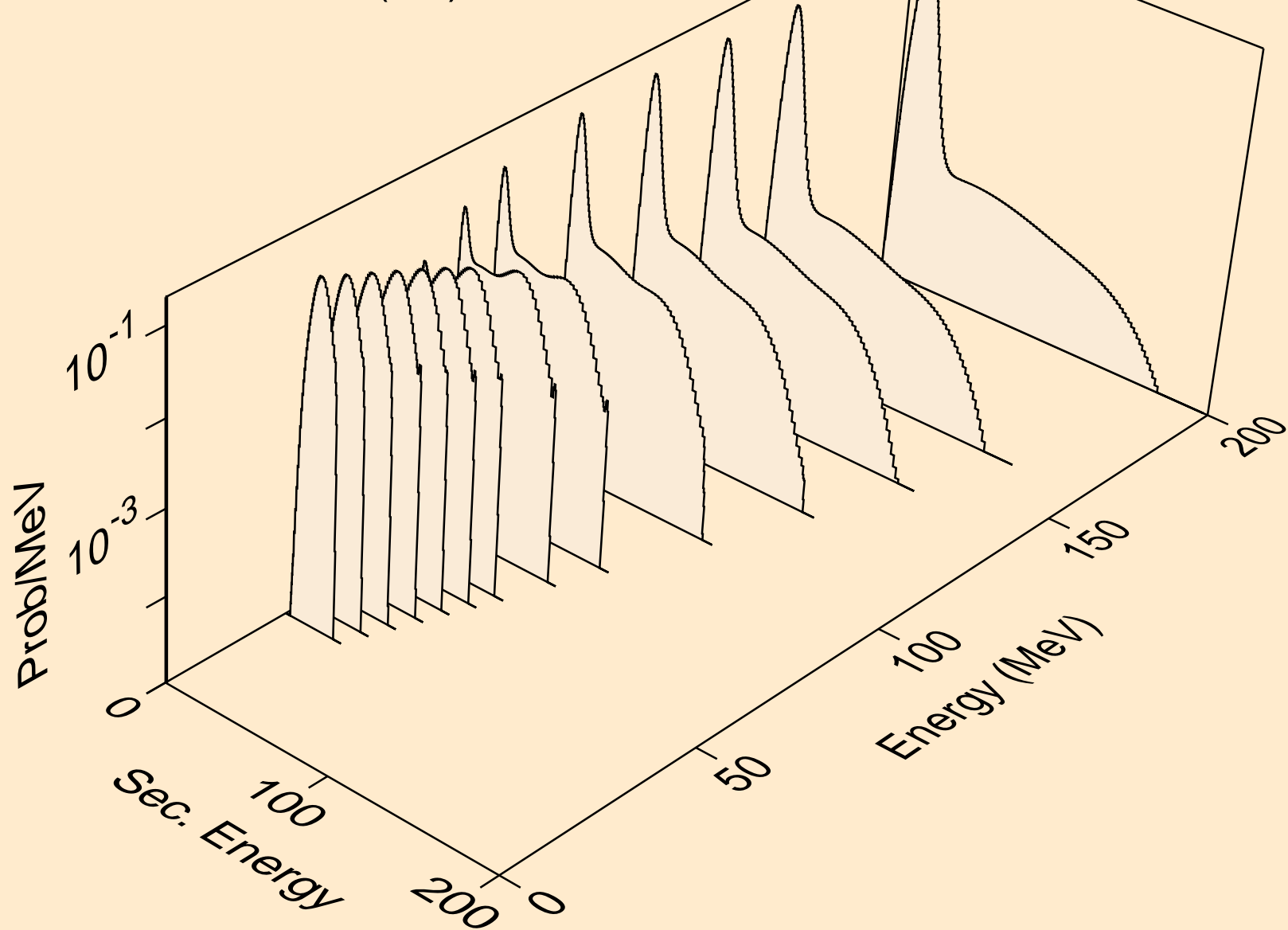
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



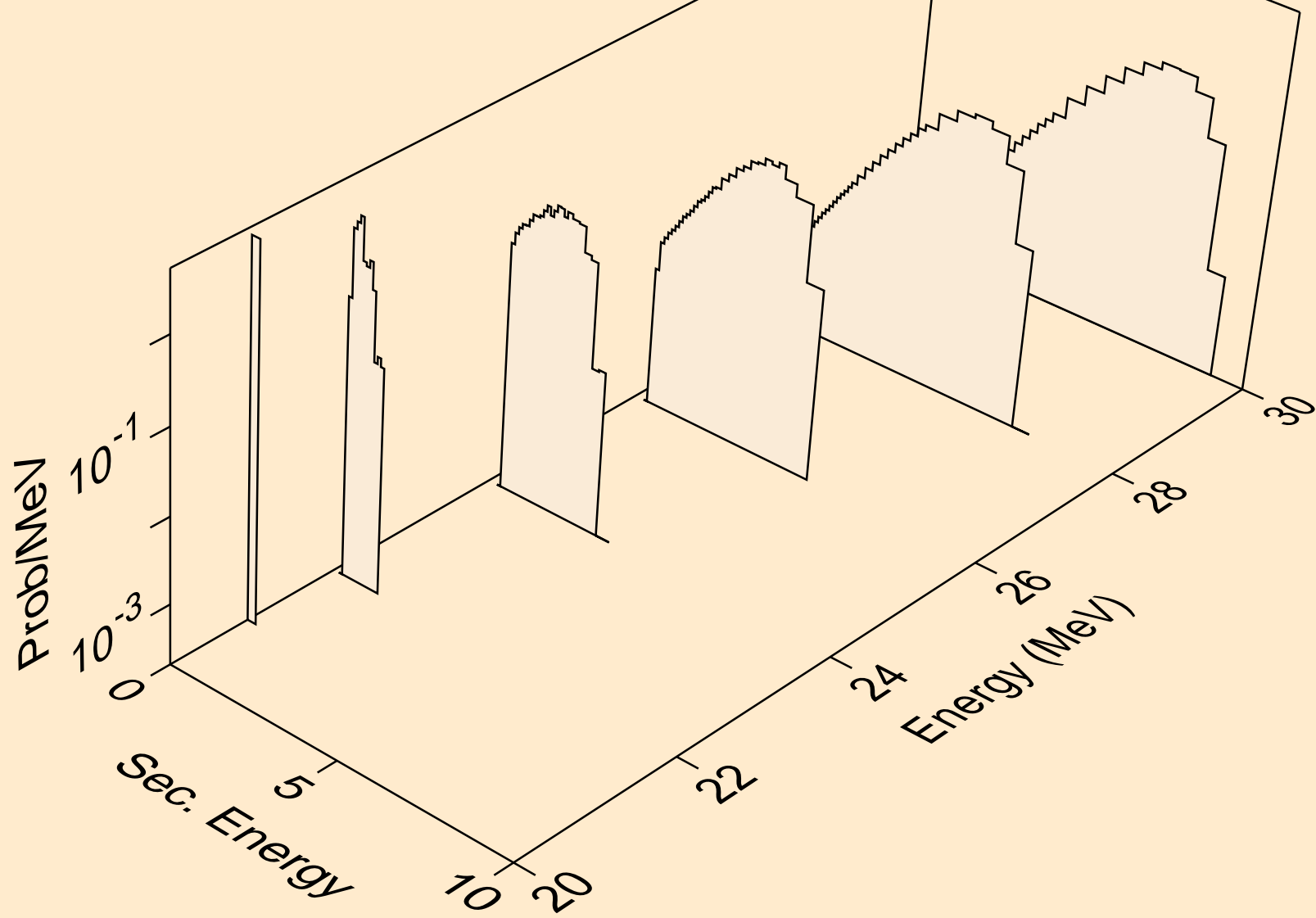
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



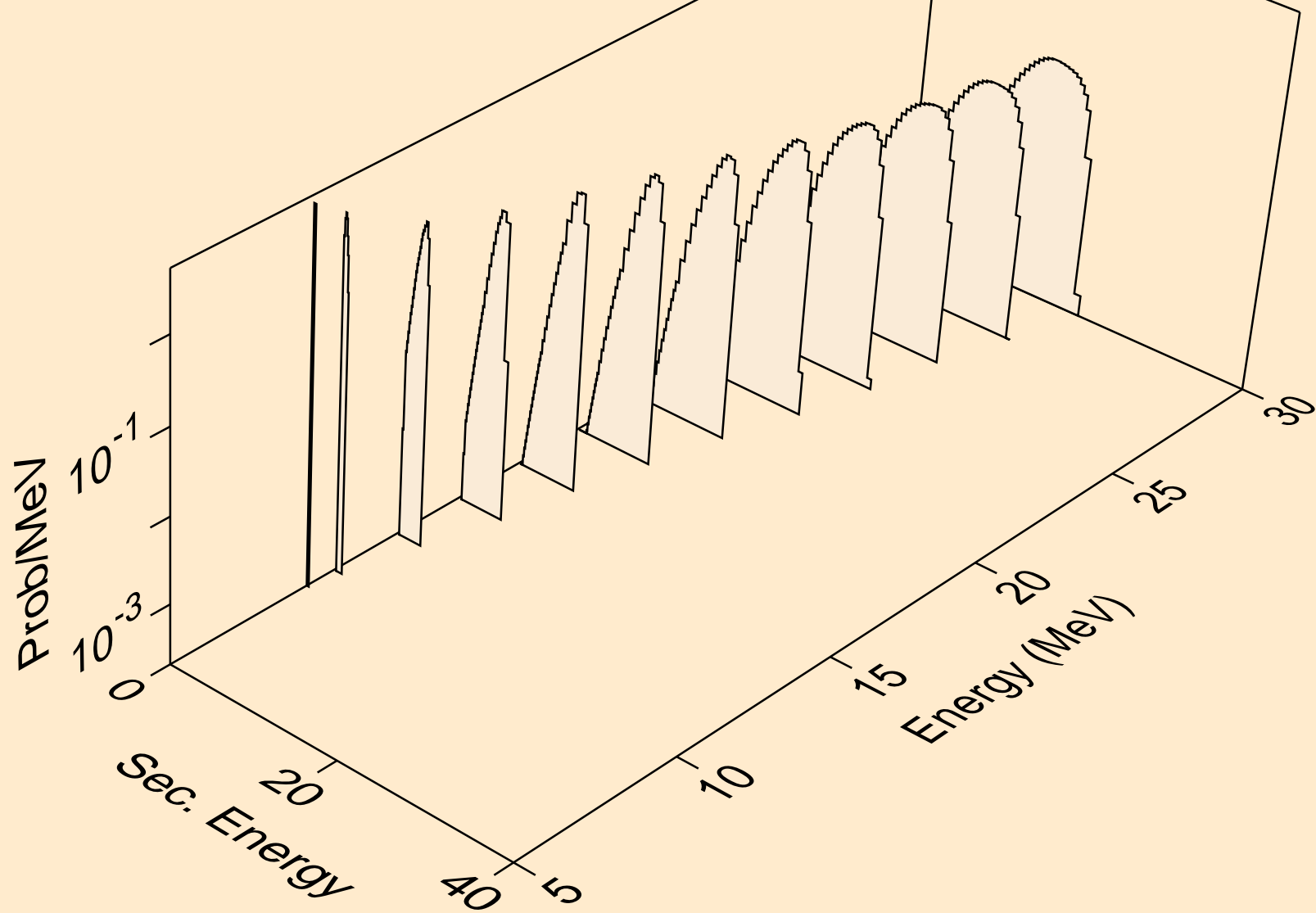
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



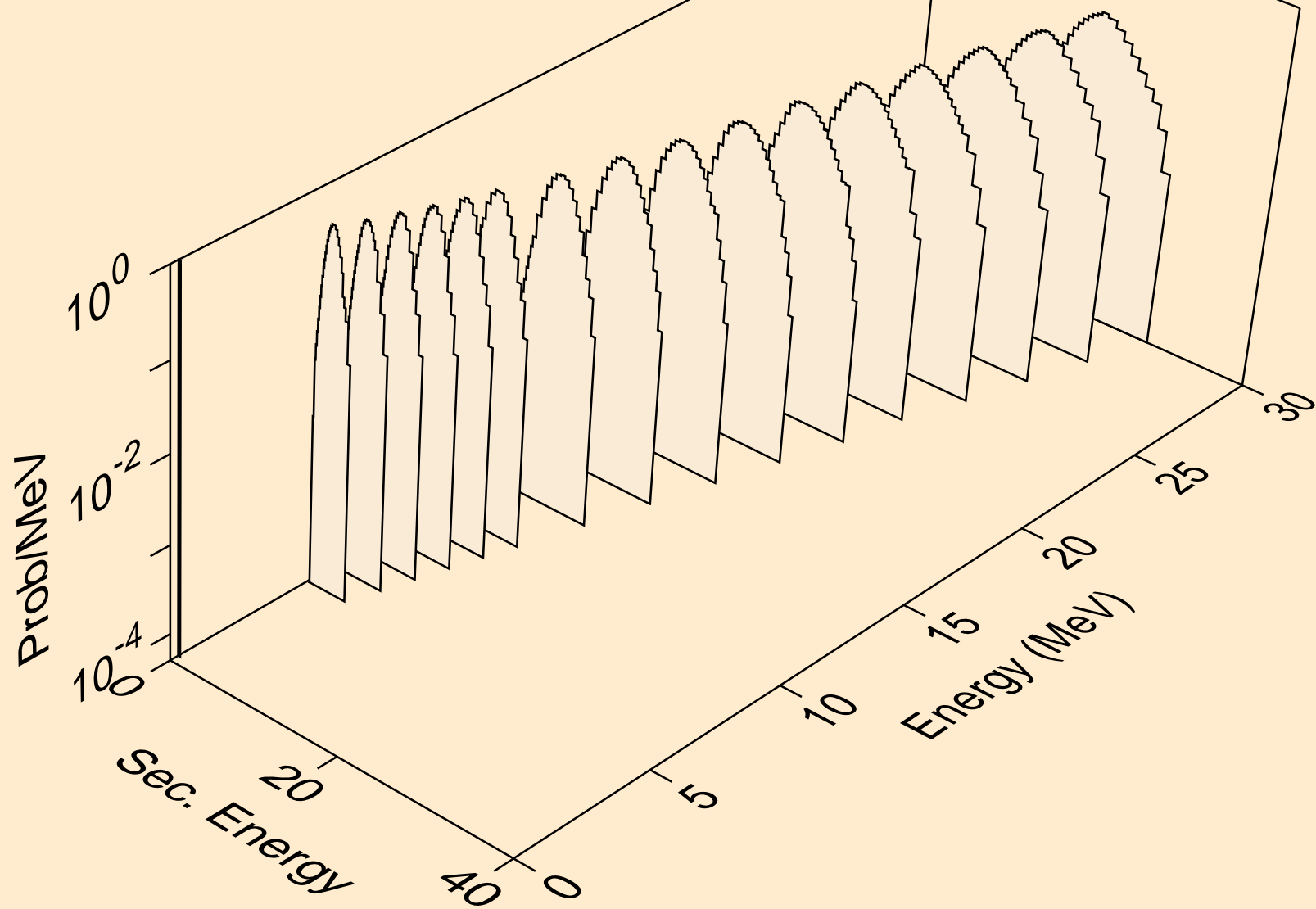
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)



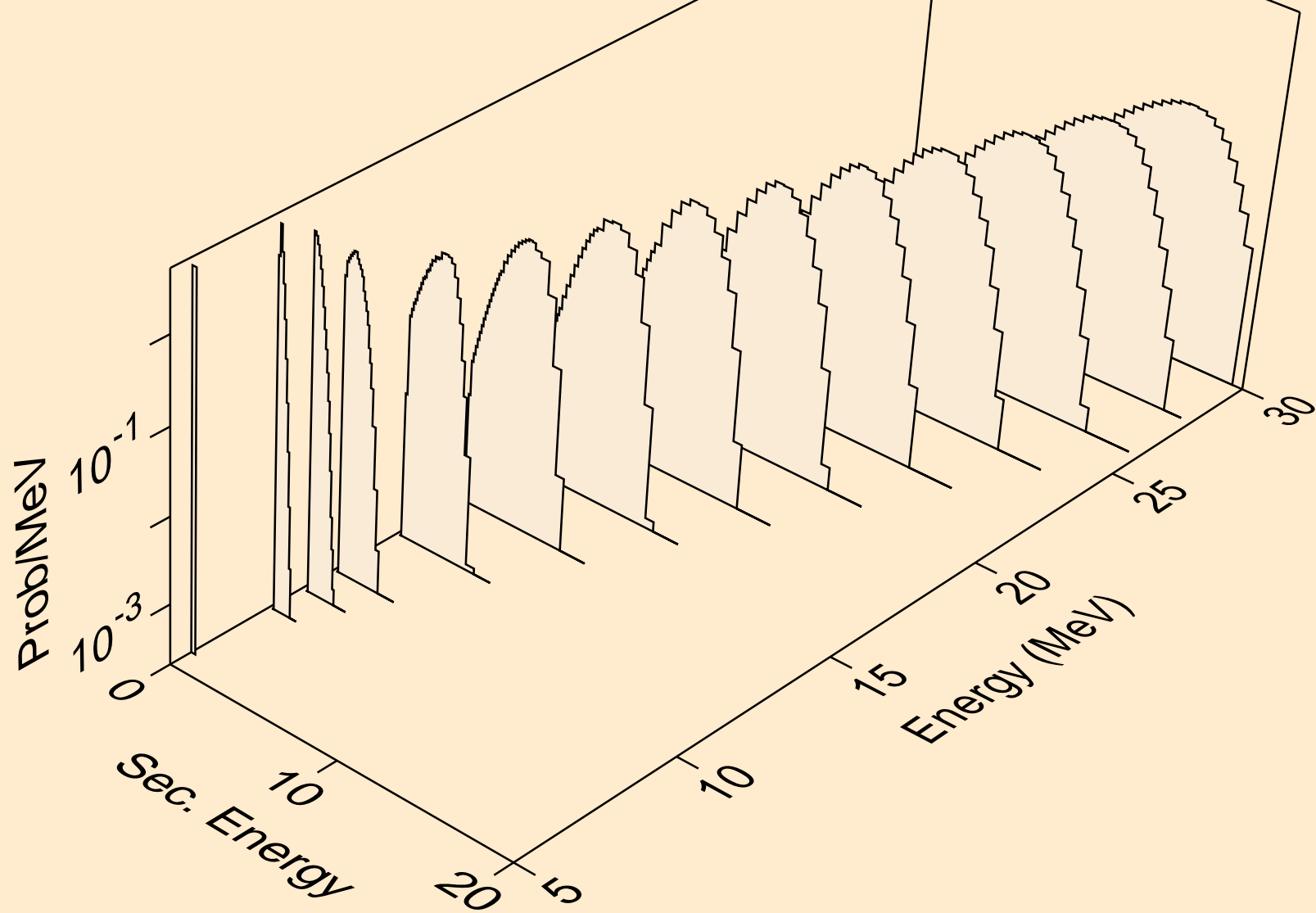
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



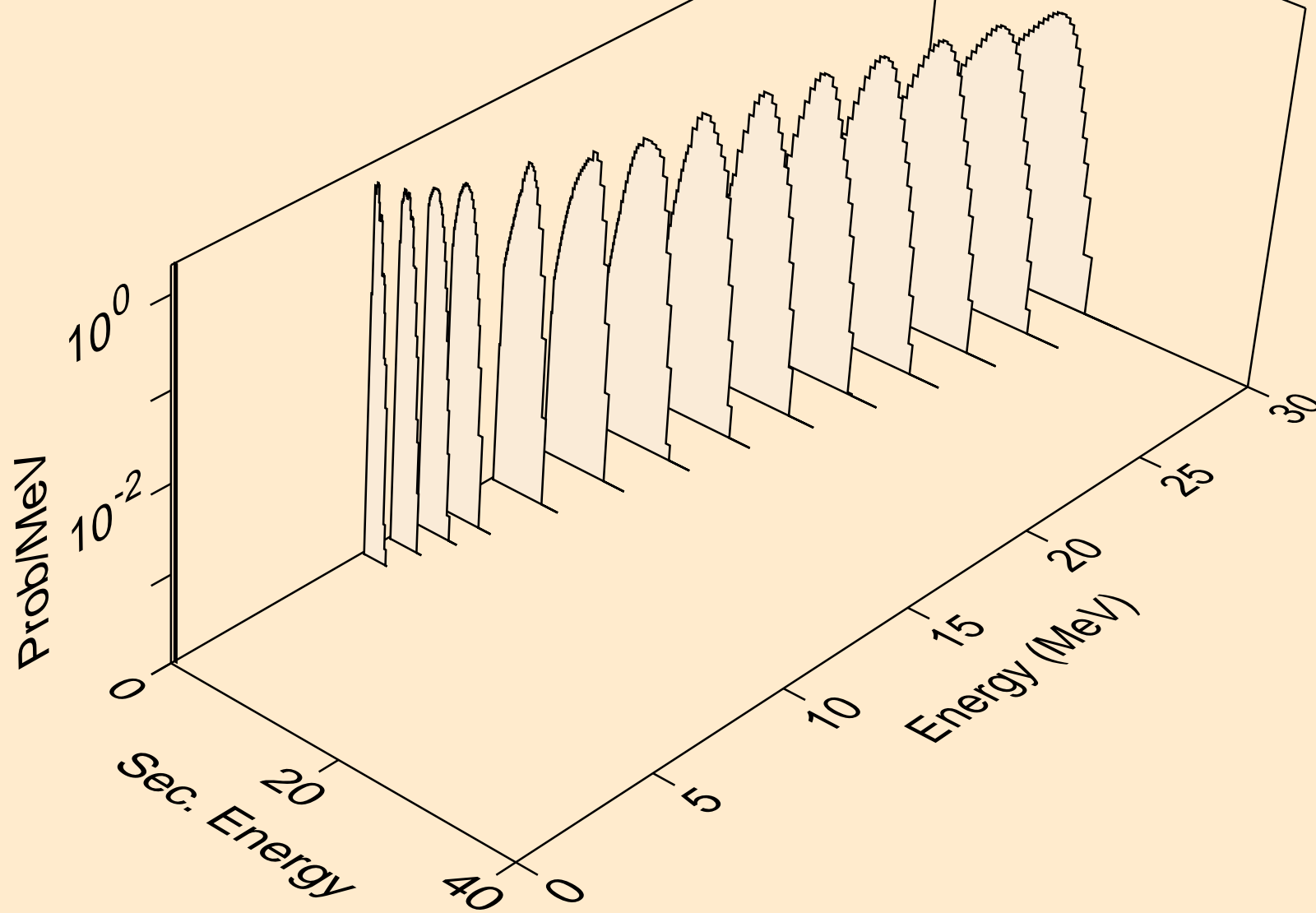
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)

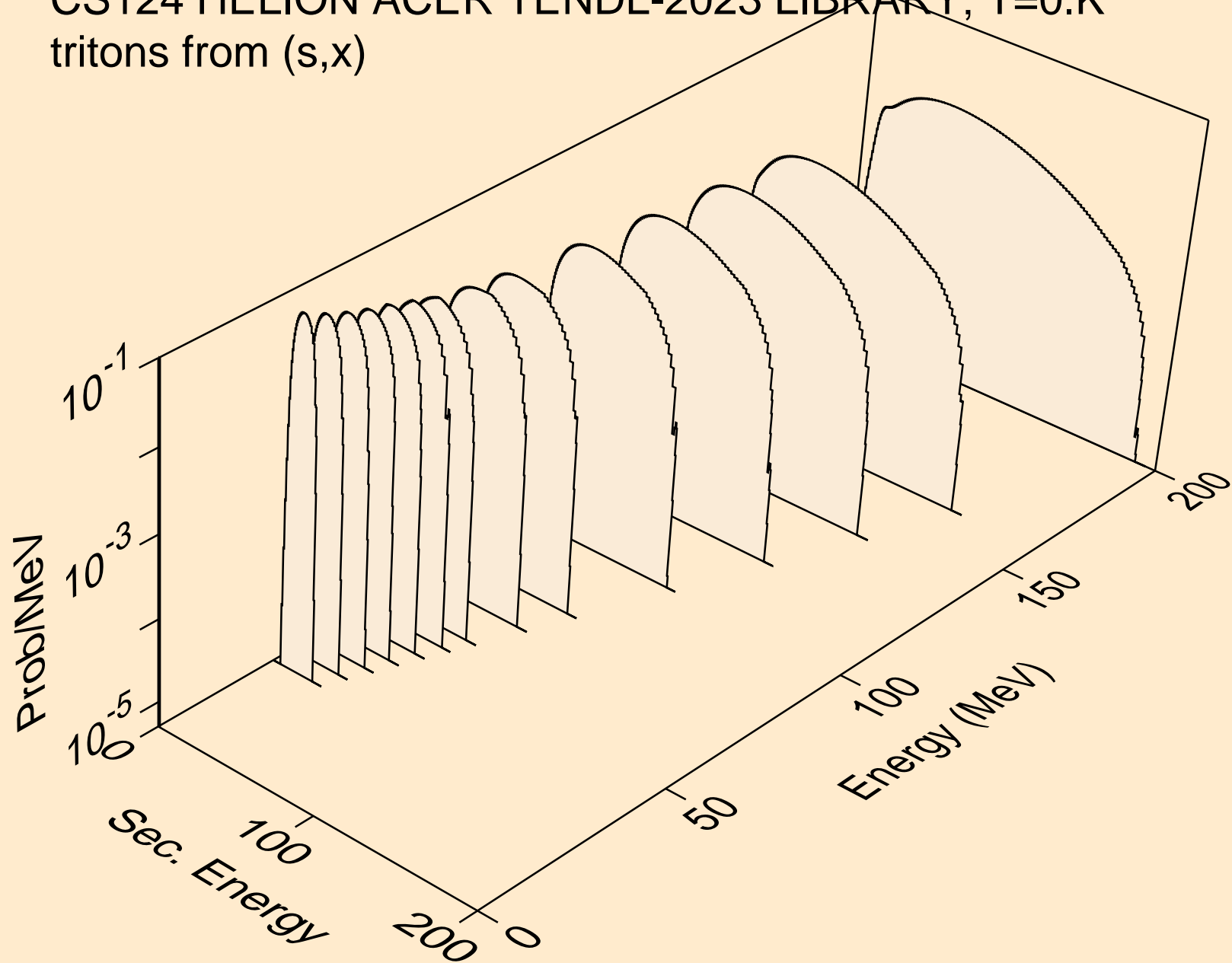


CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)

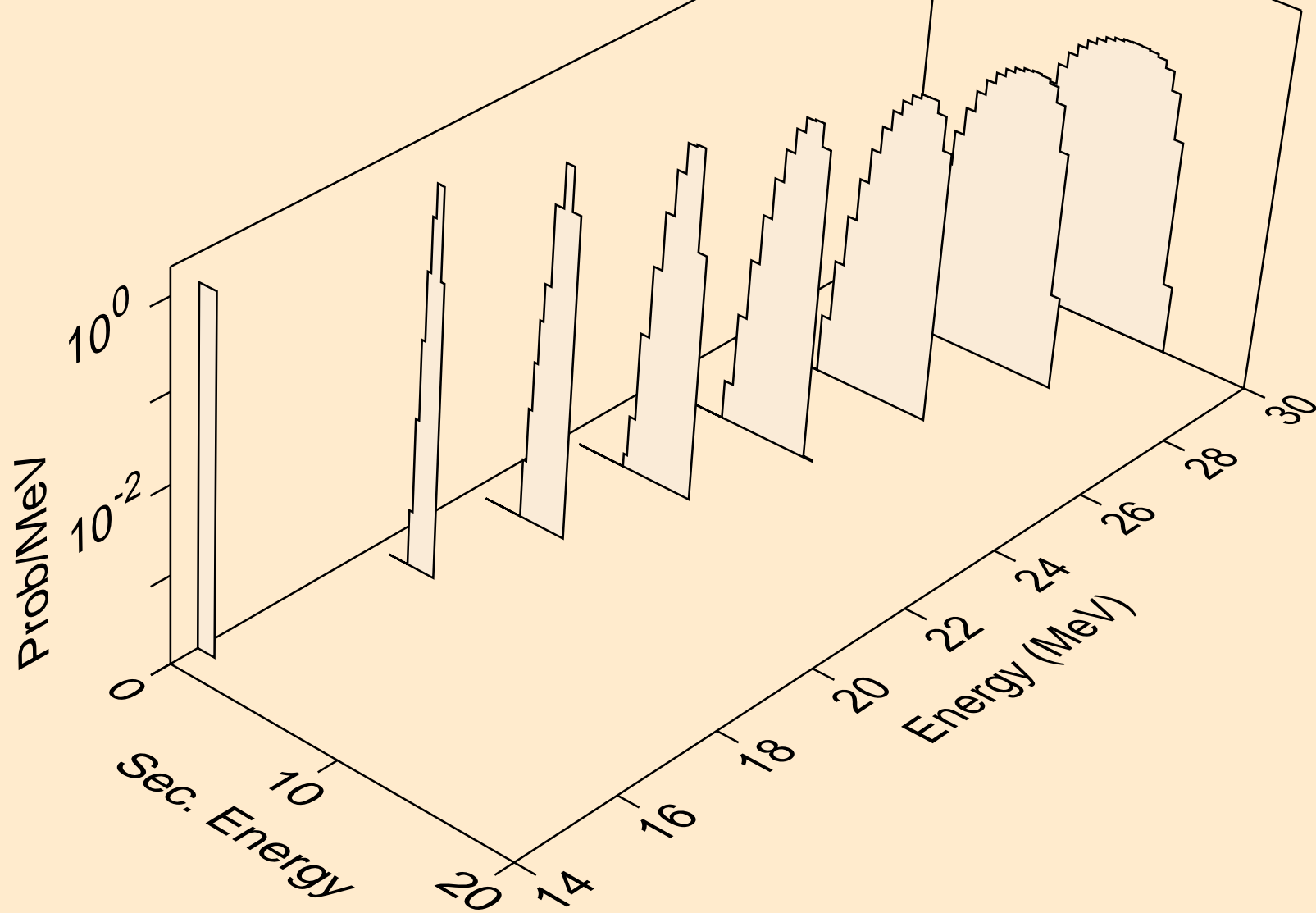




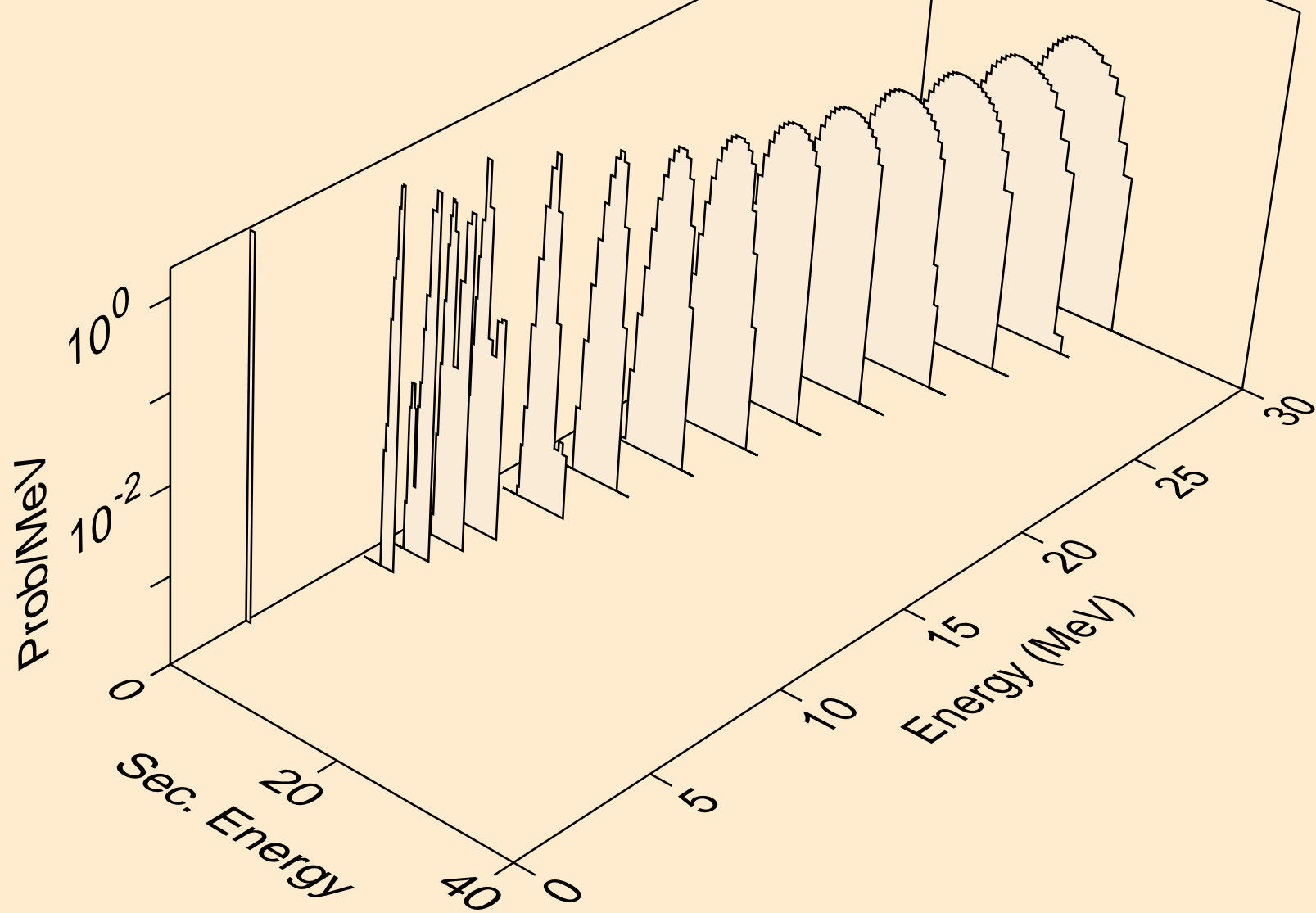
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



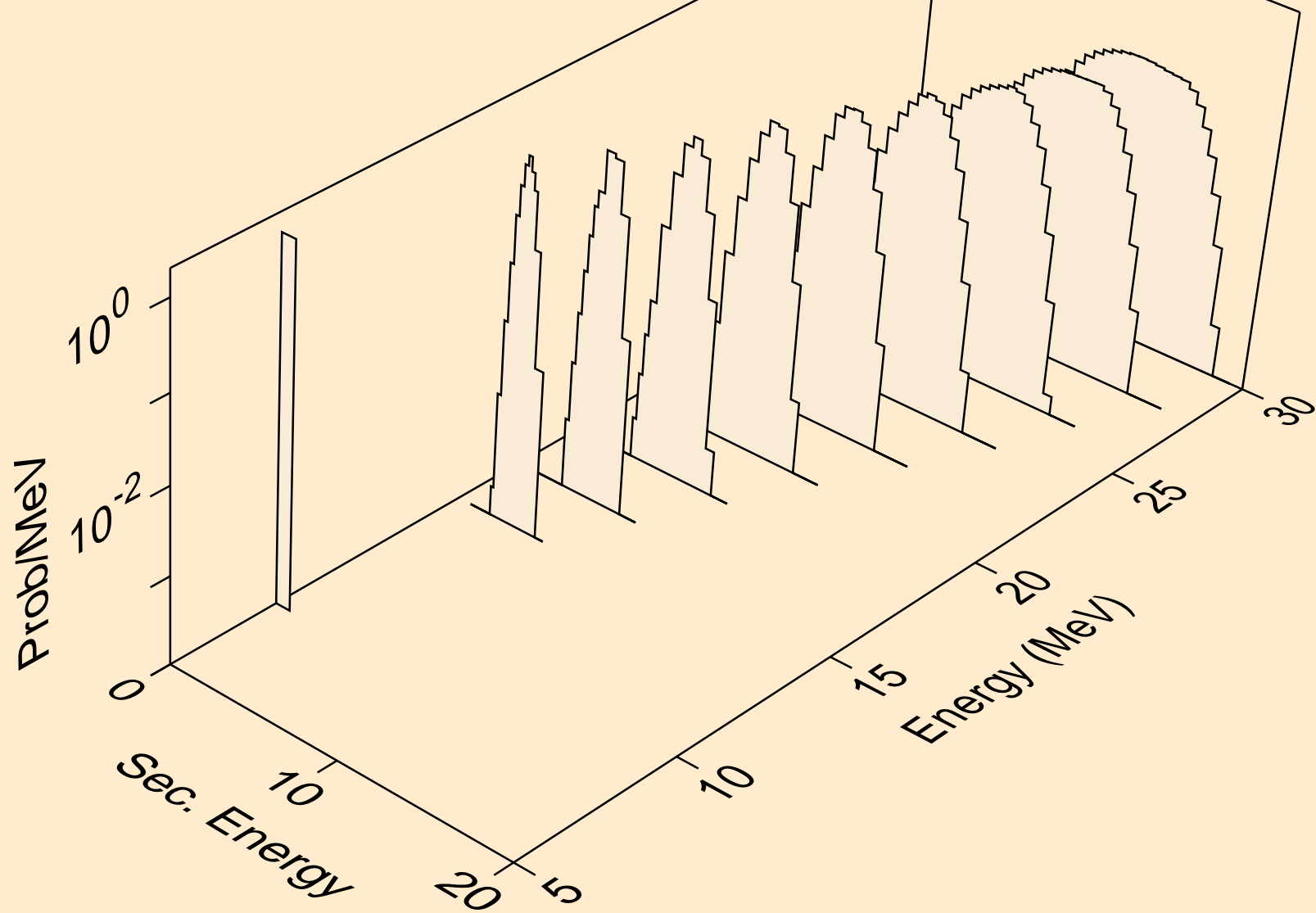
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



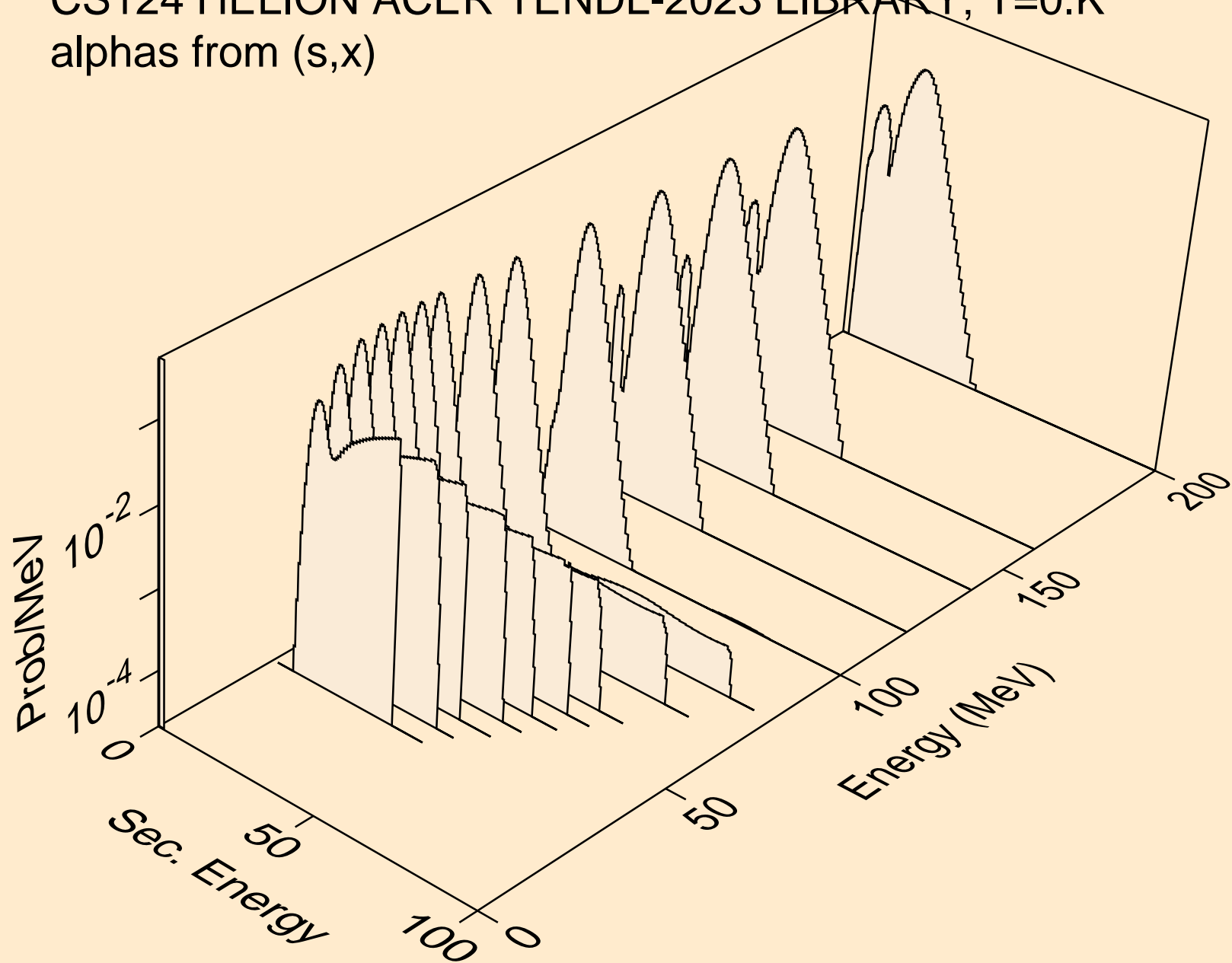
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tritons from (s,t)



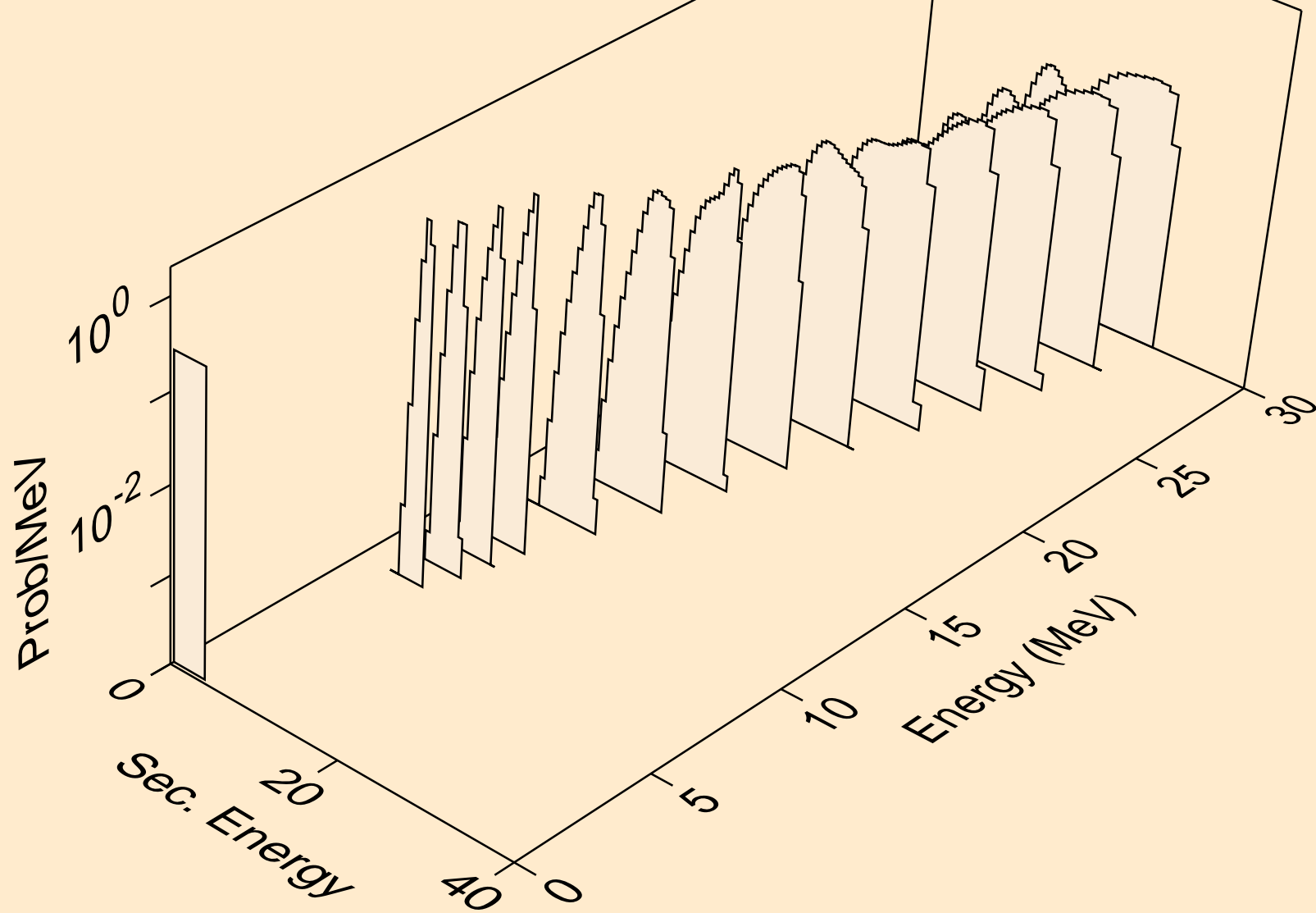
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



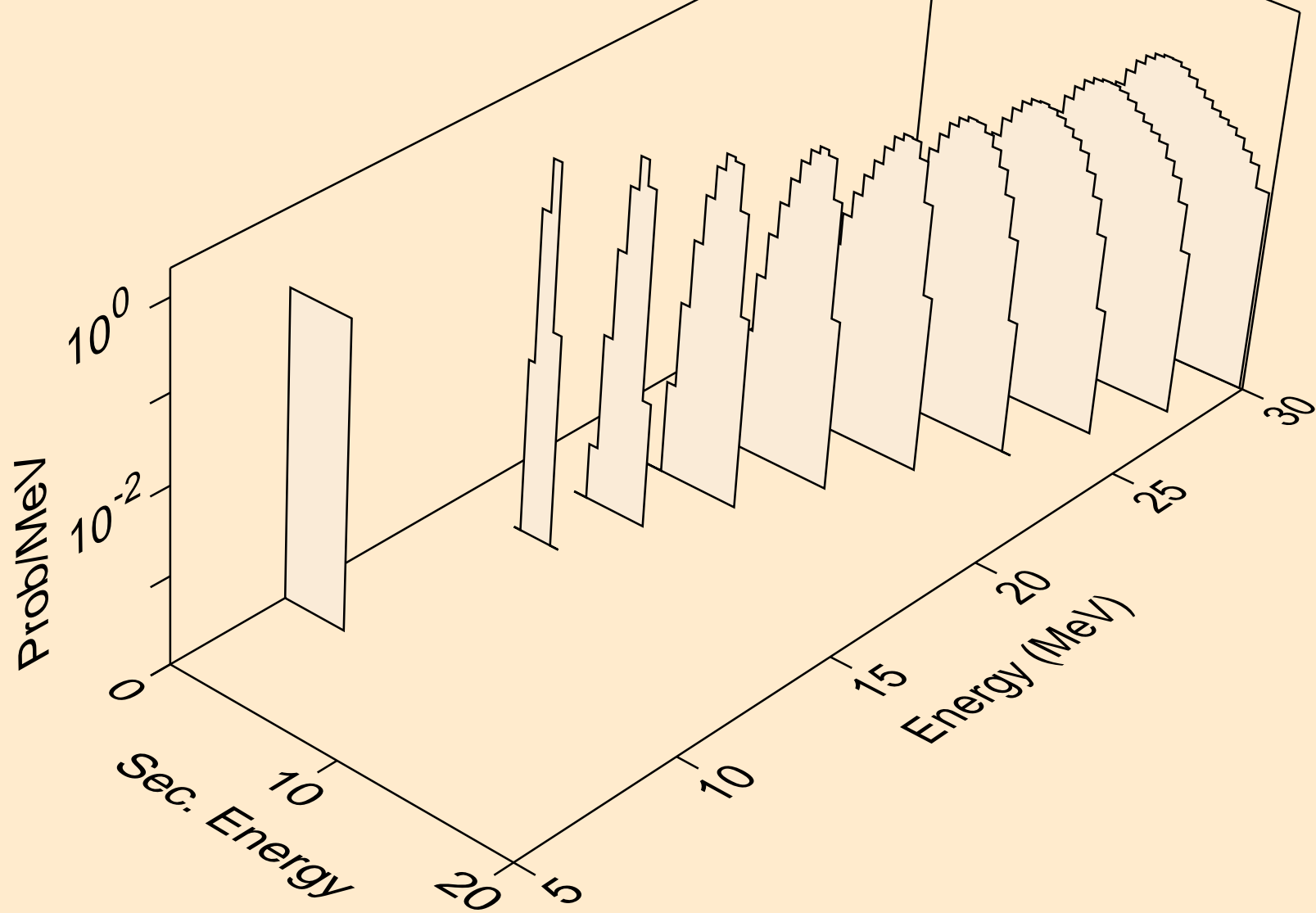
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



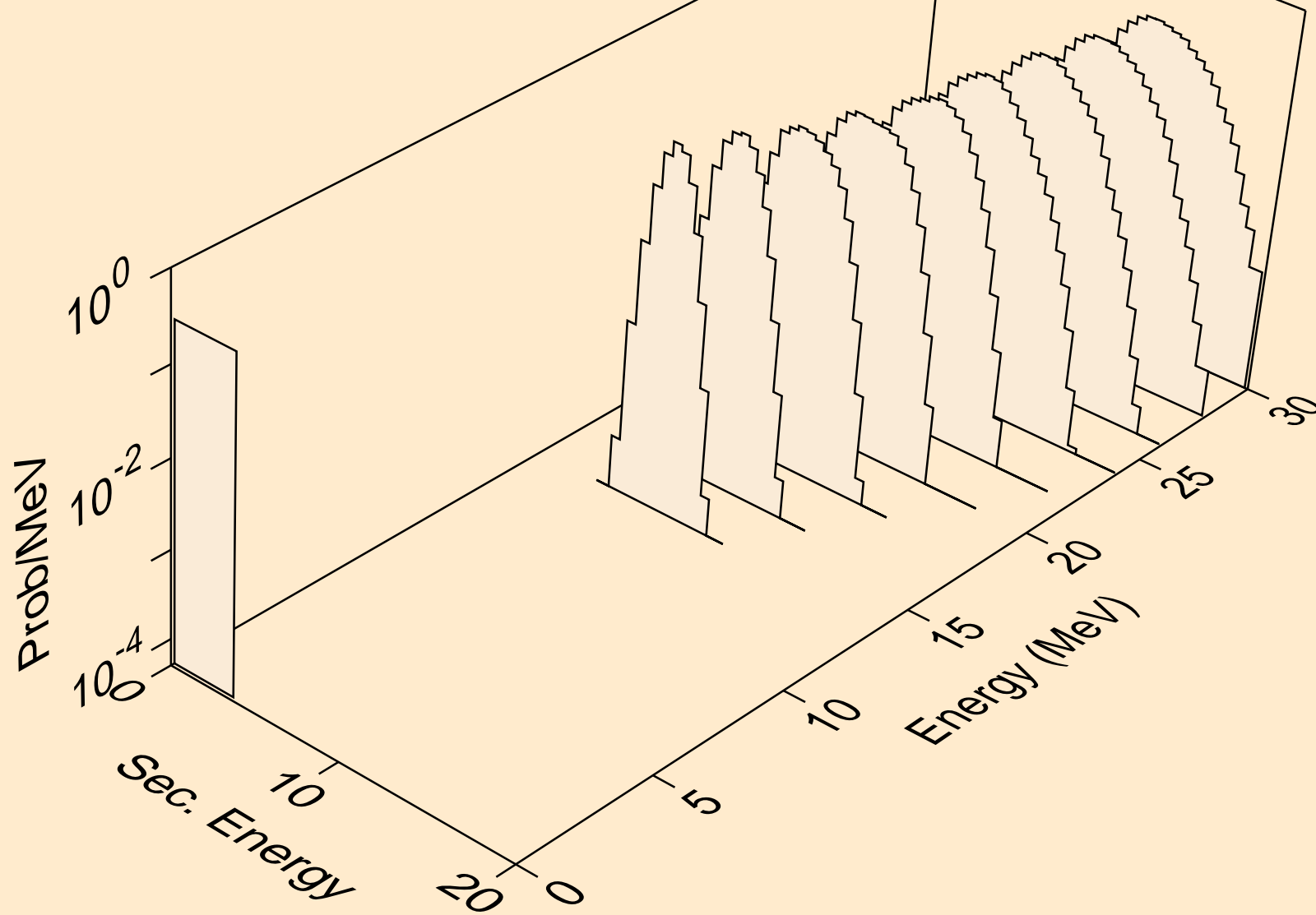
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a

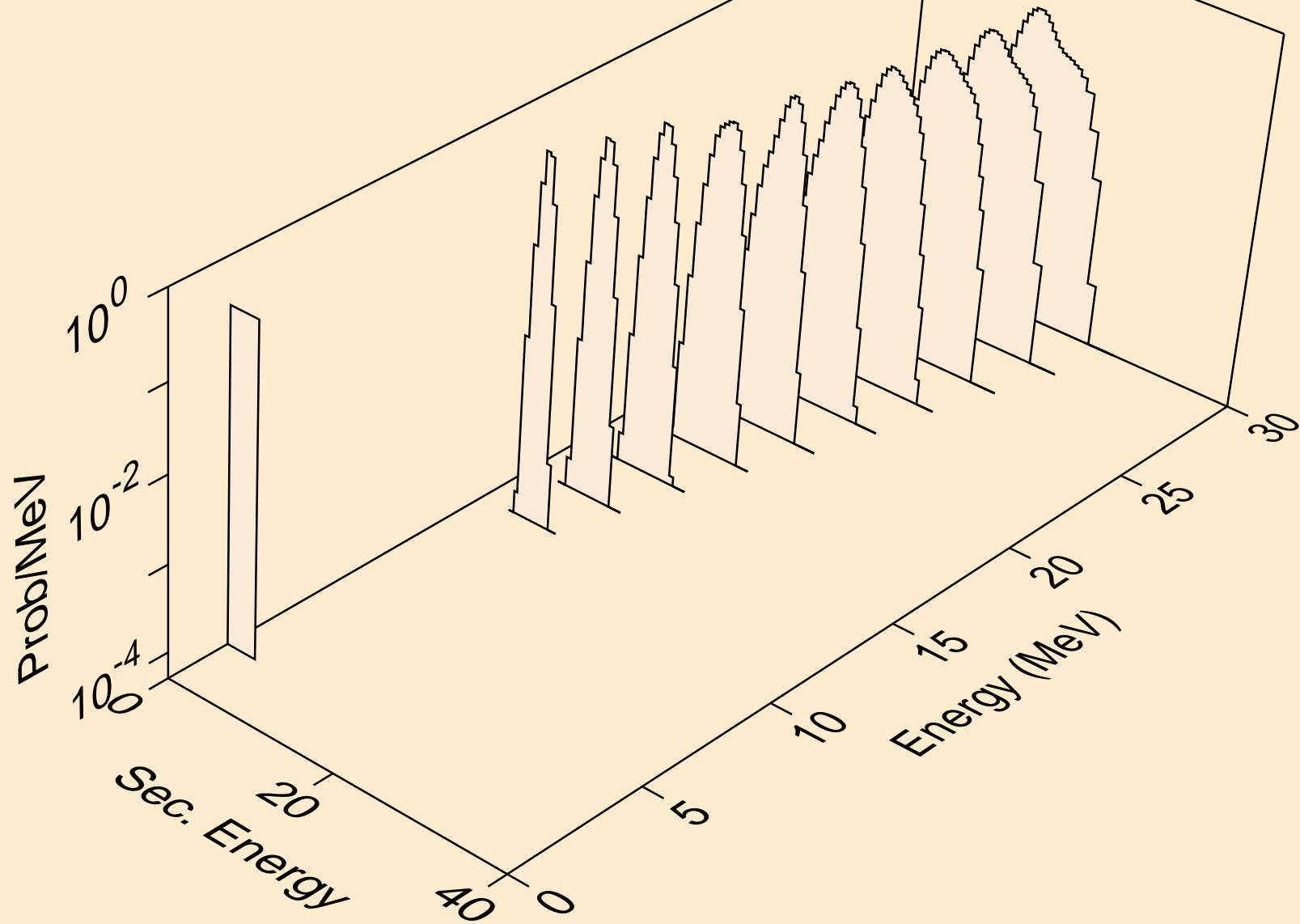


CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a

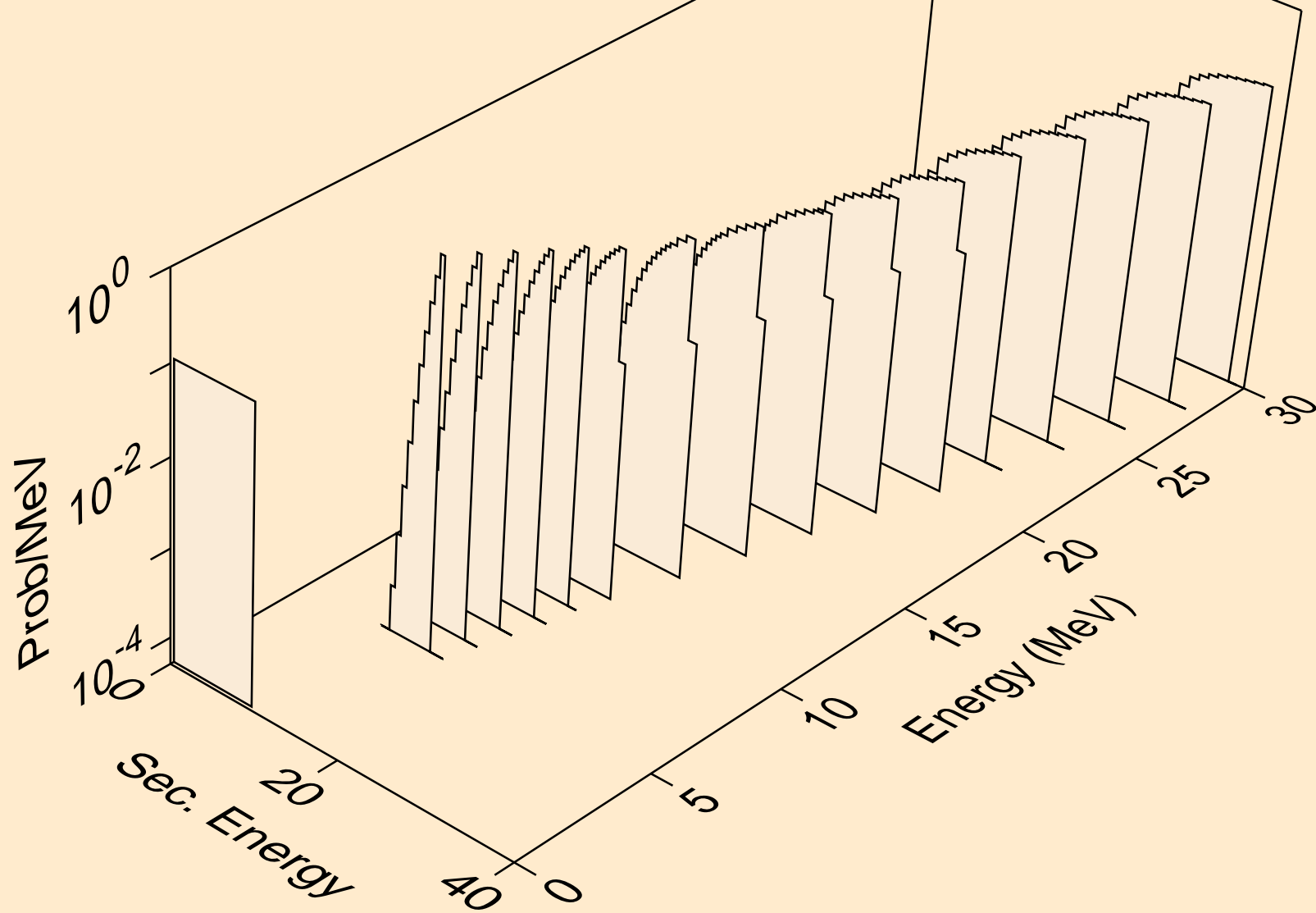




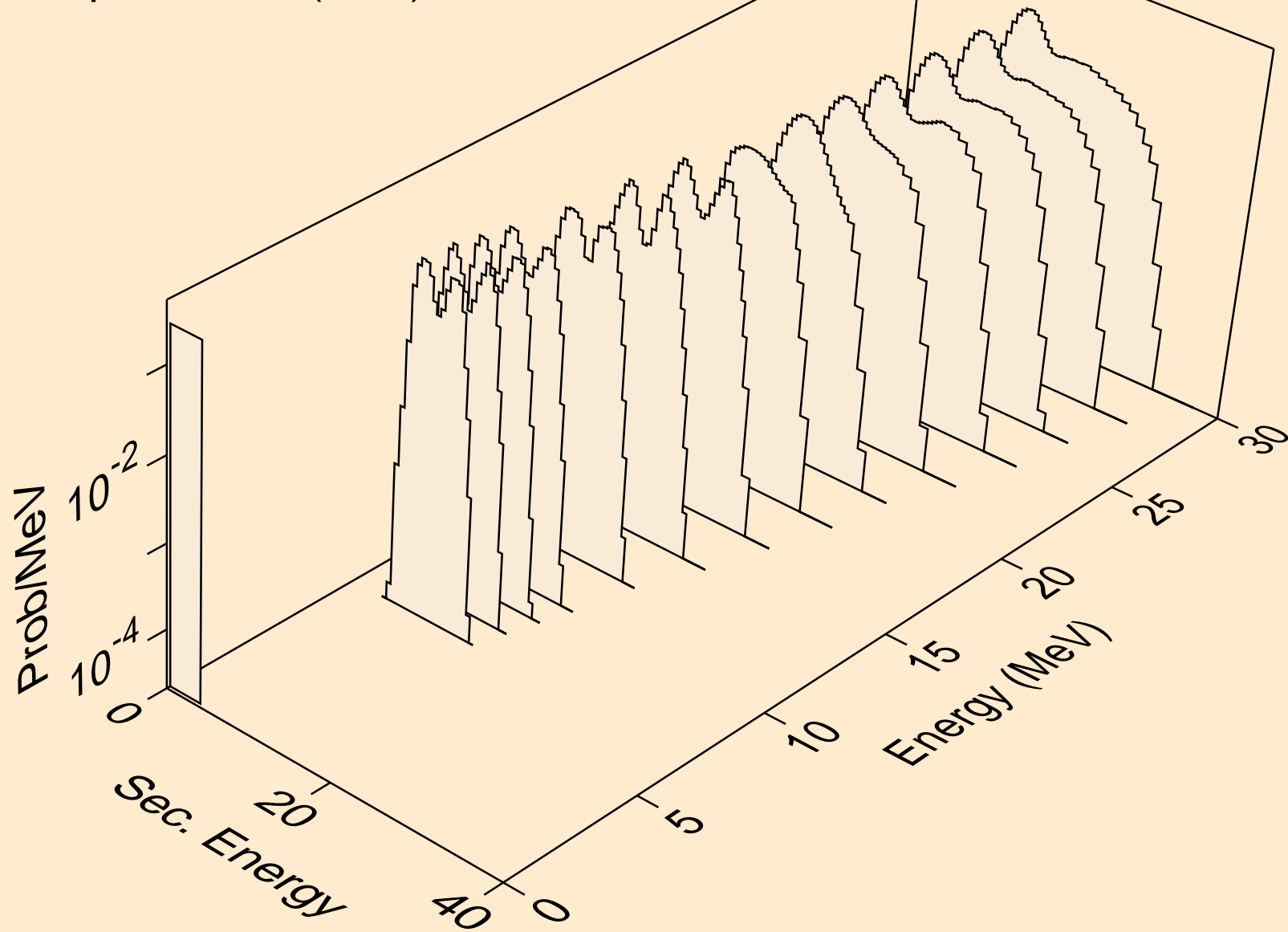
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



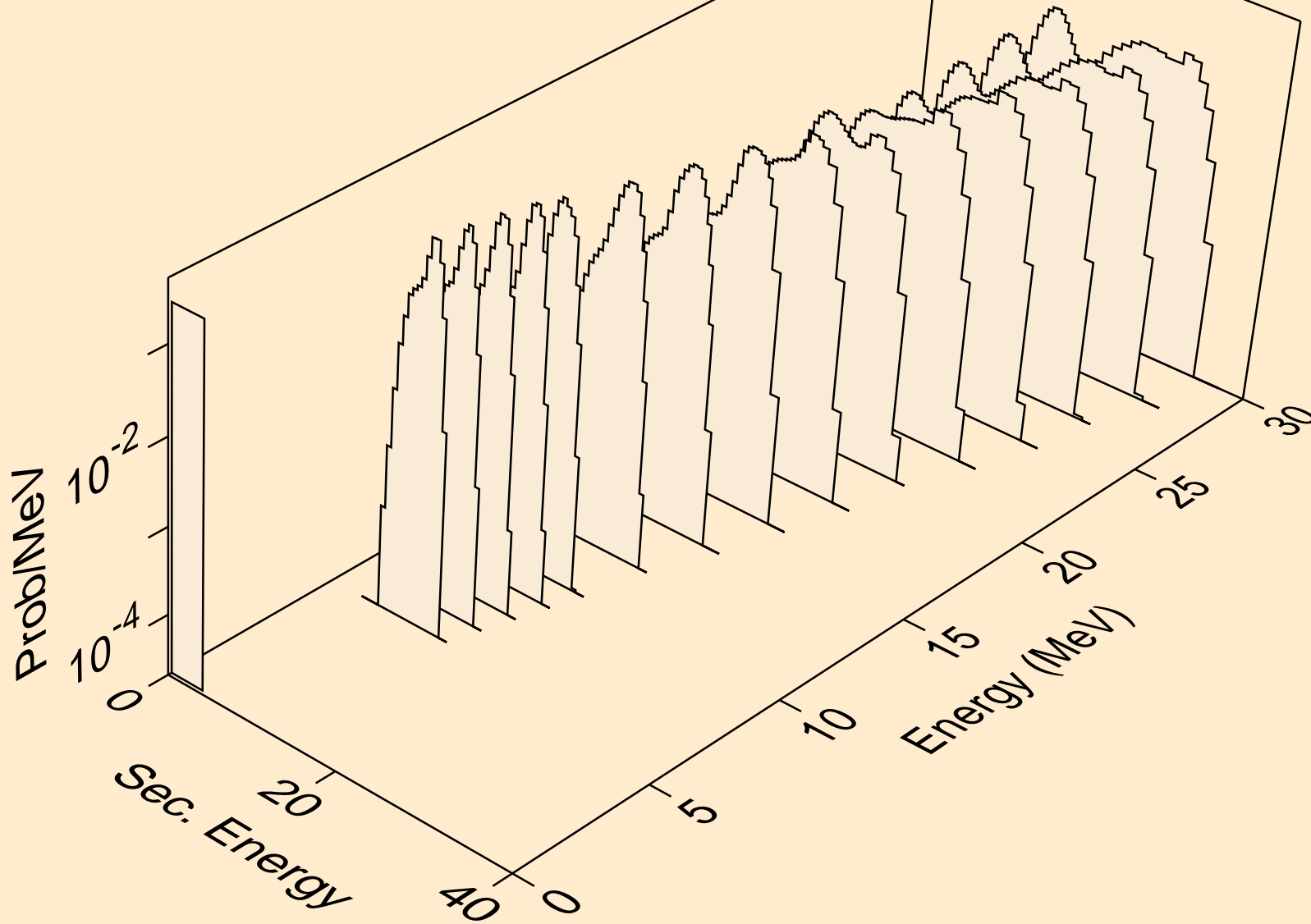
CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



CS124 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

