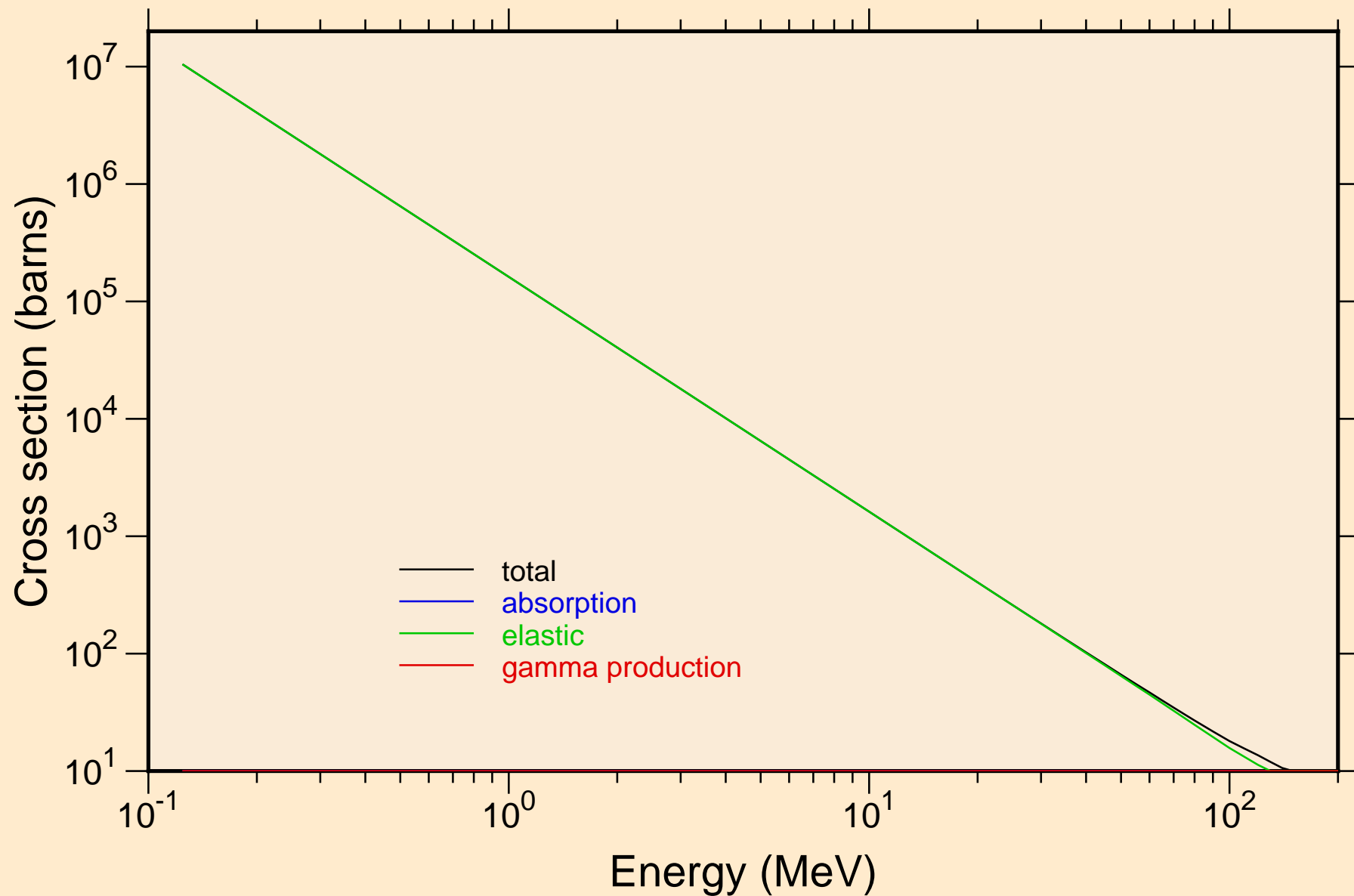
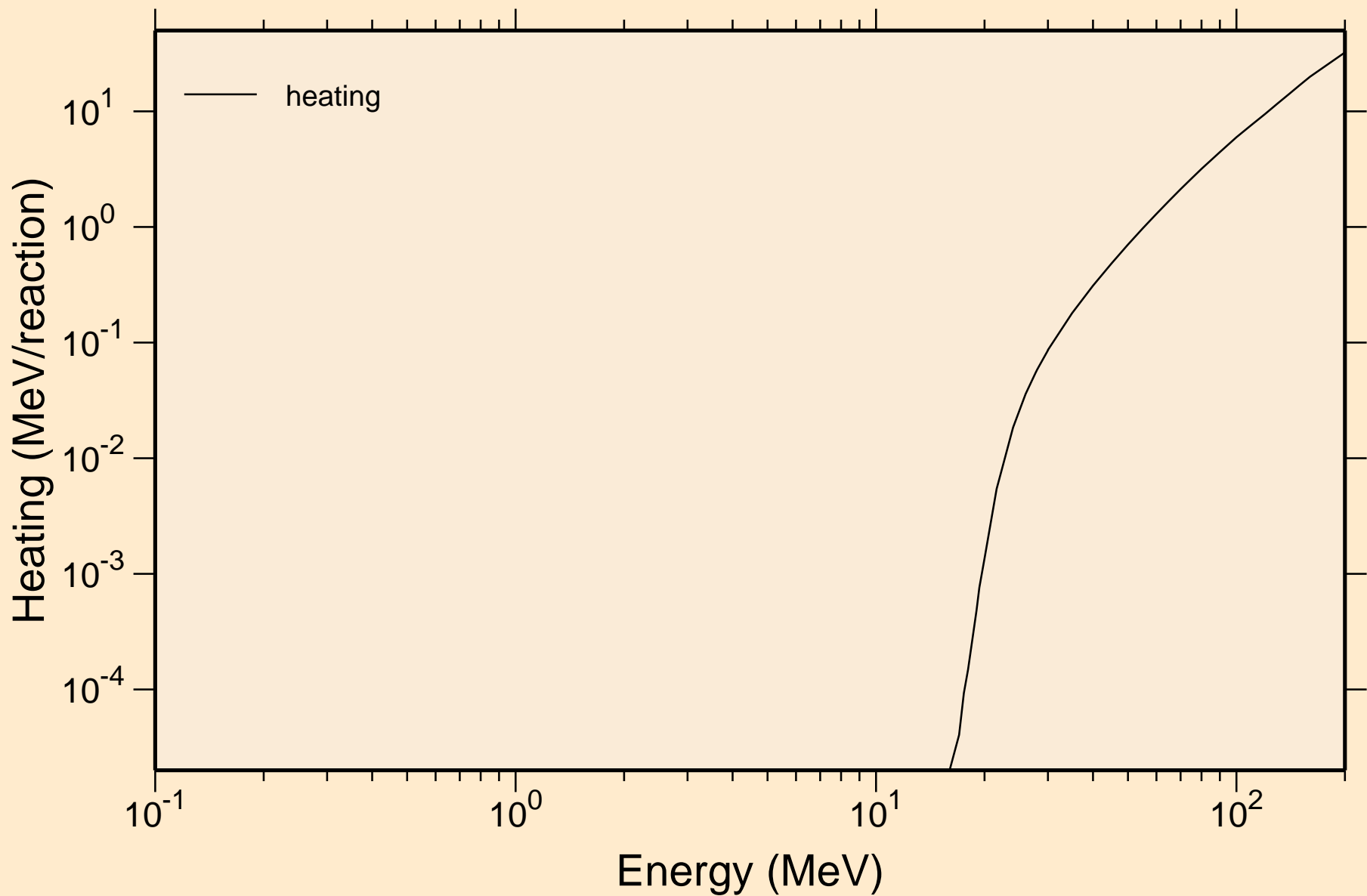


# HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

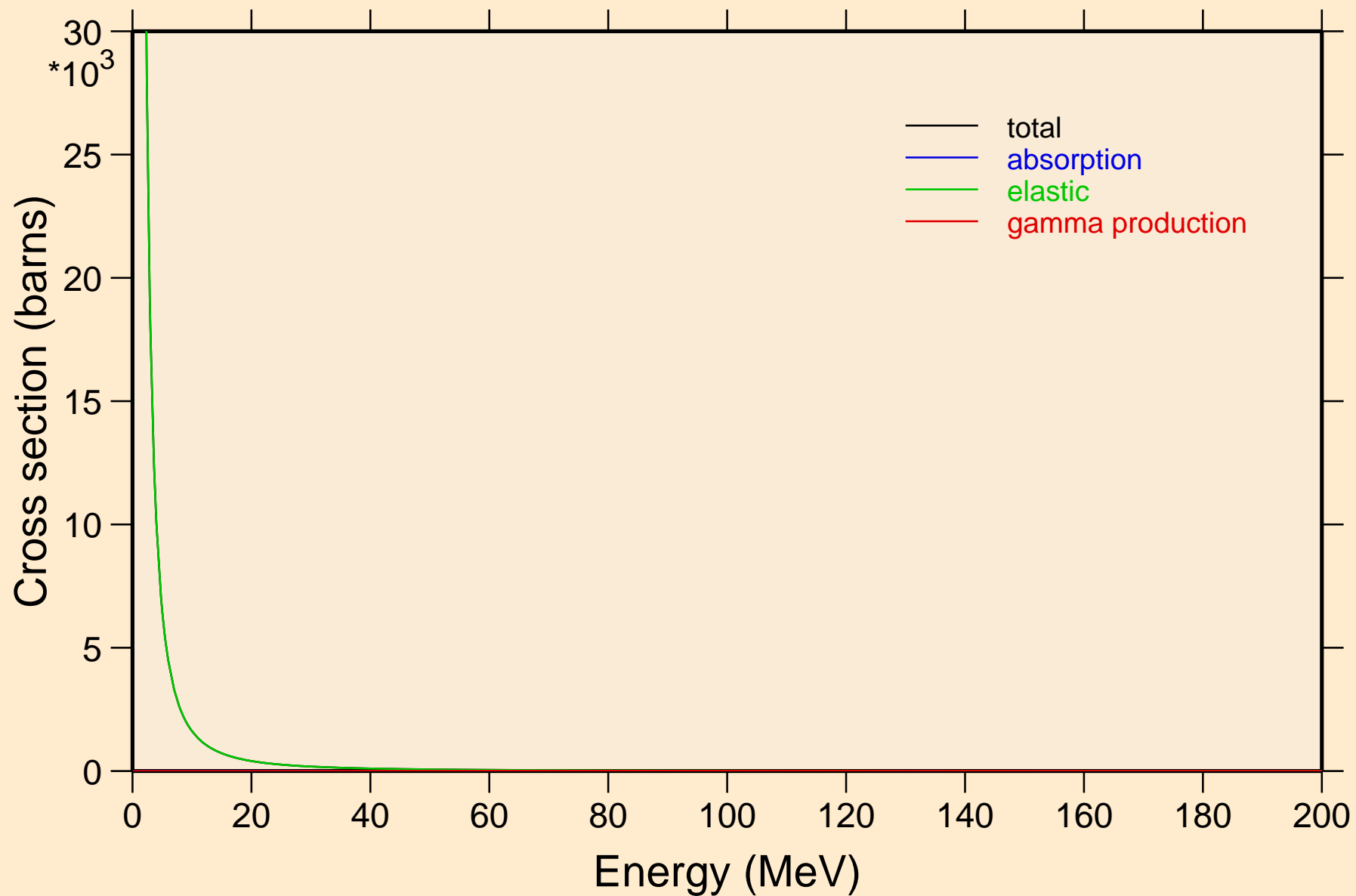


HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Heating

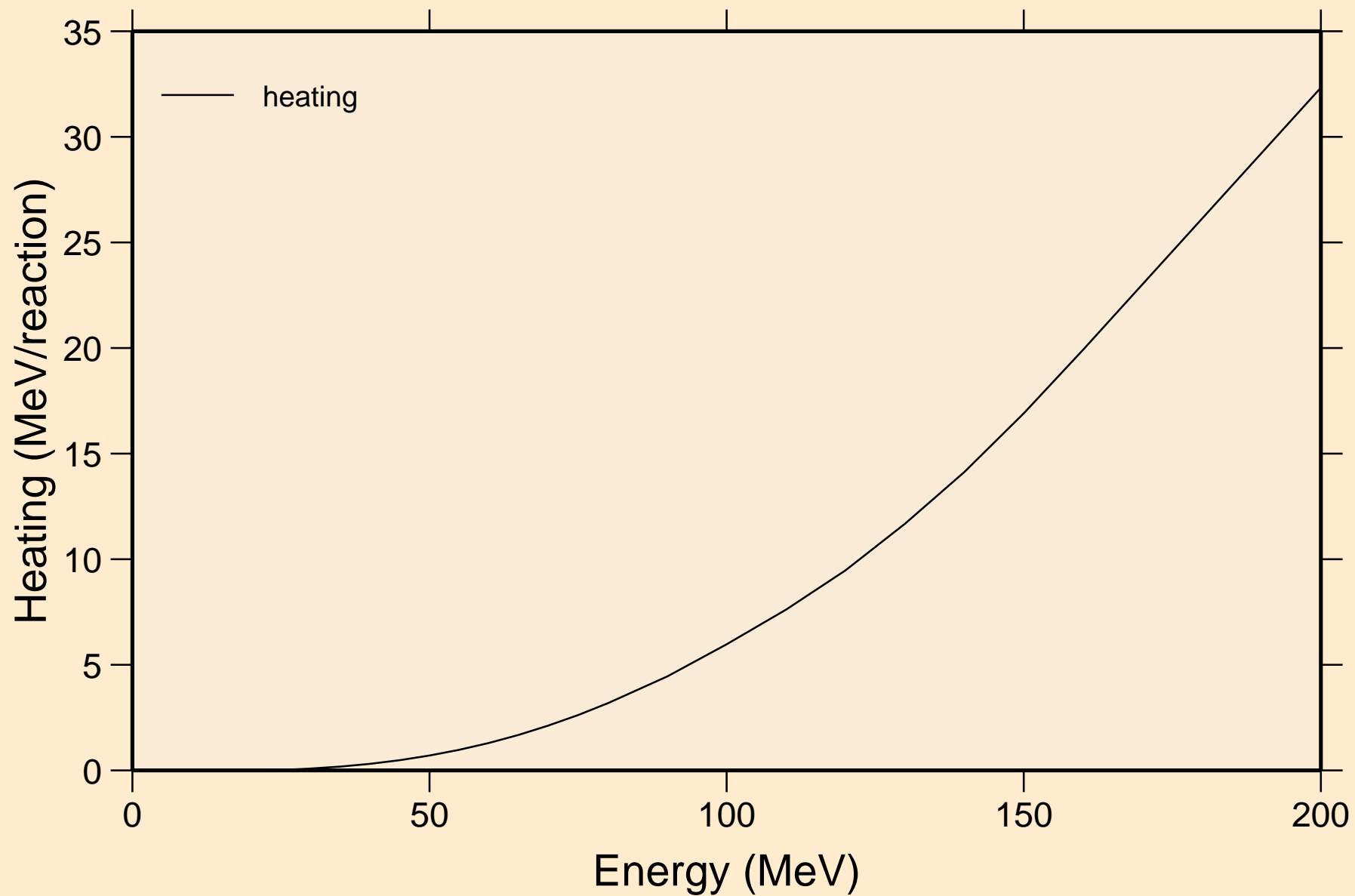


# HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K

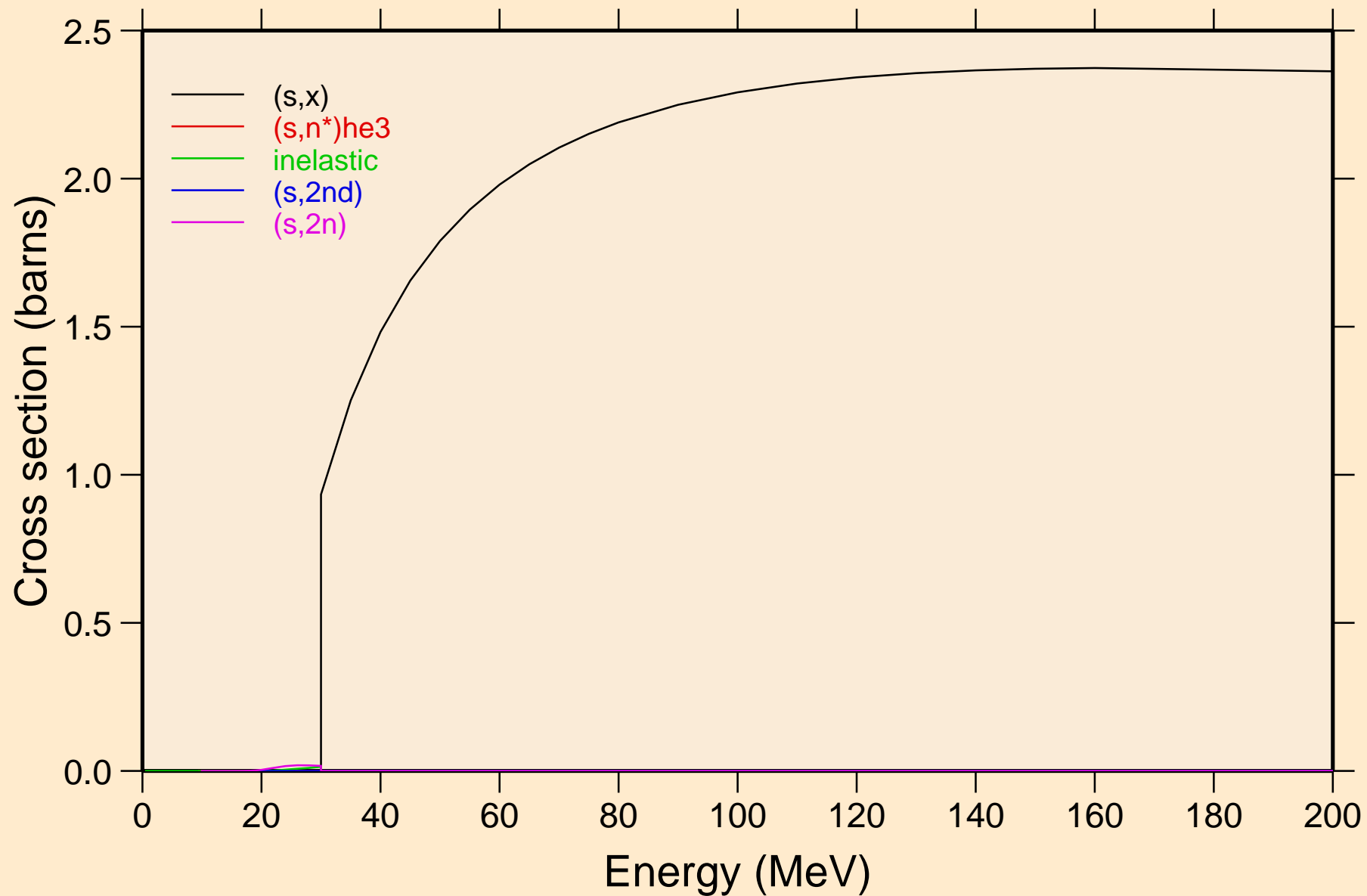
## Principal cross sections



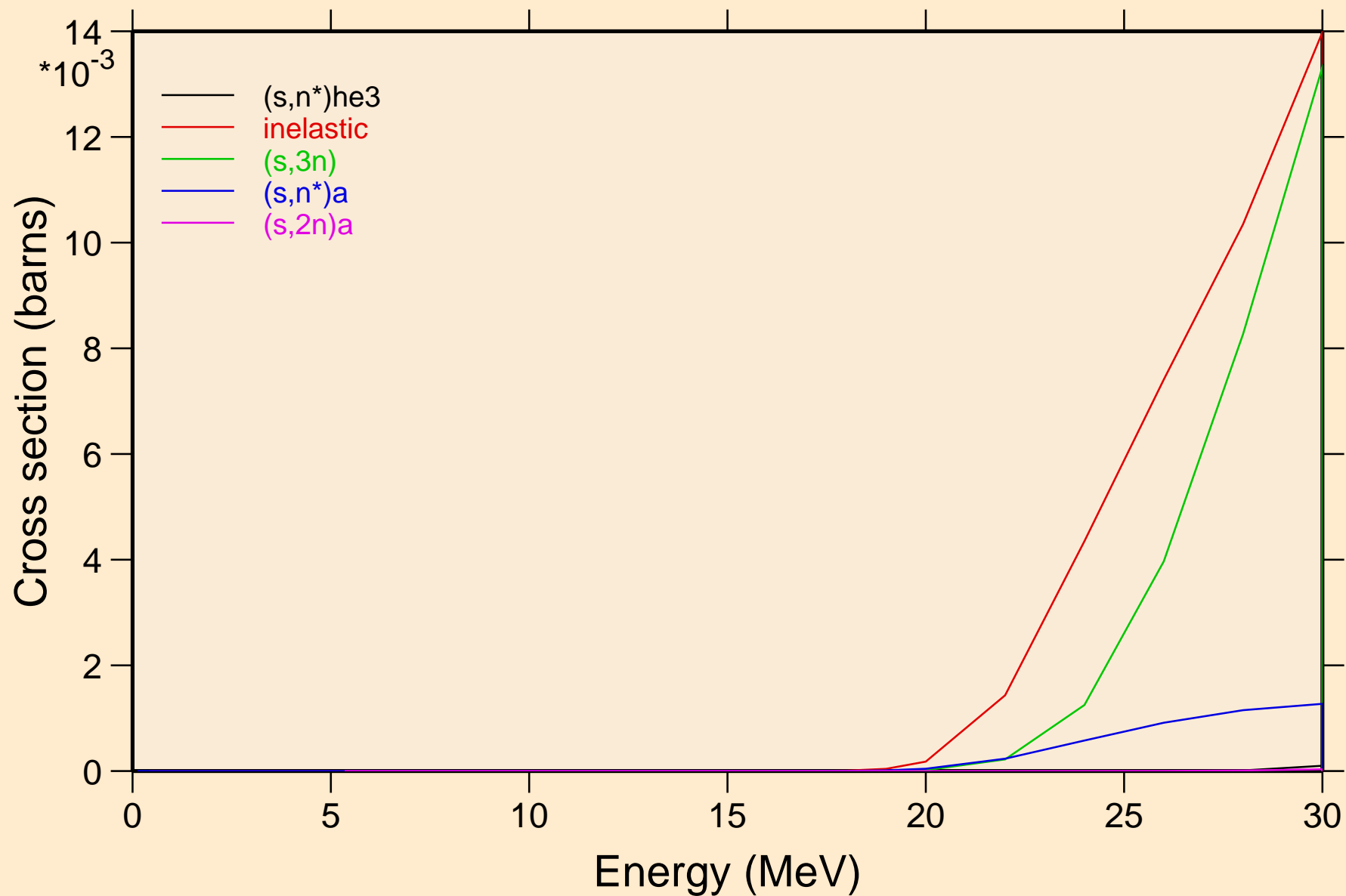
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Heating



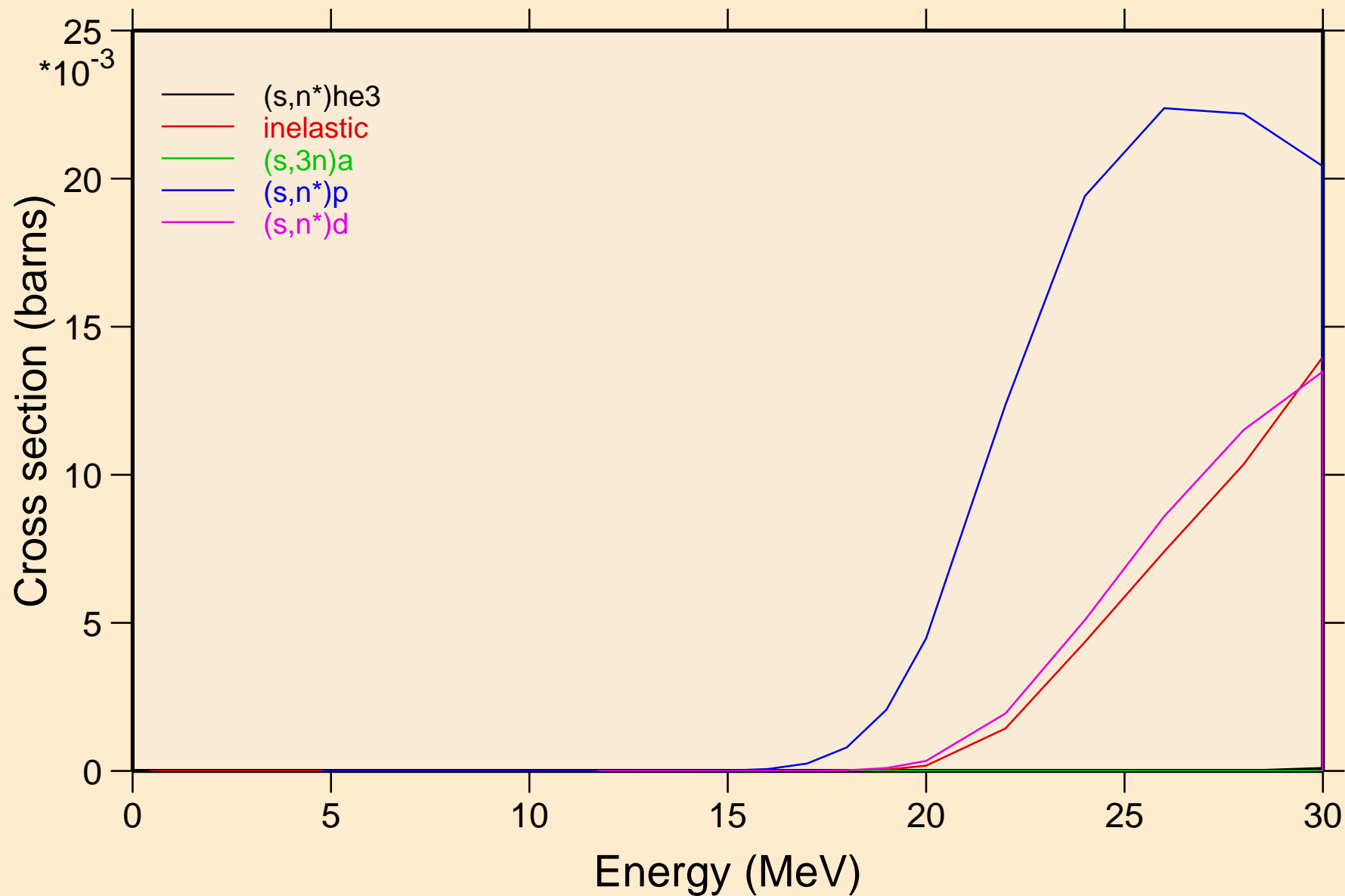
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

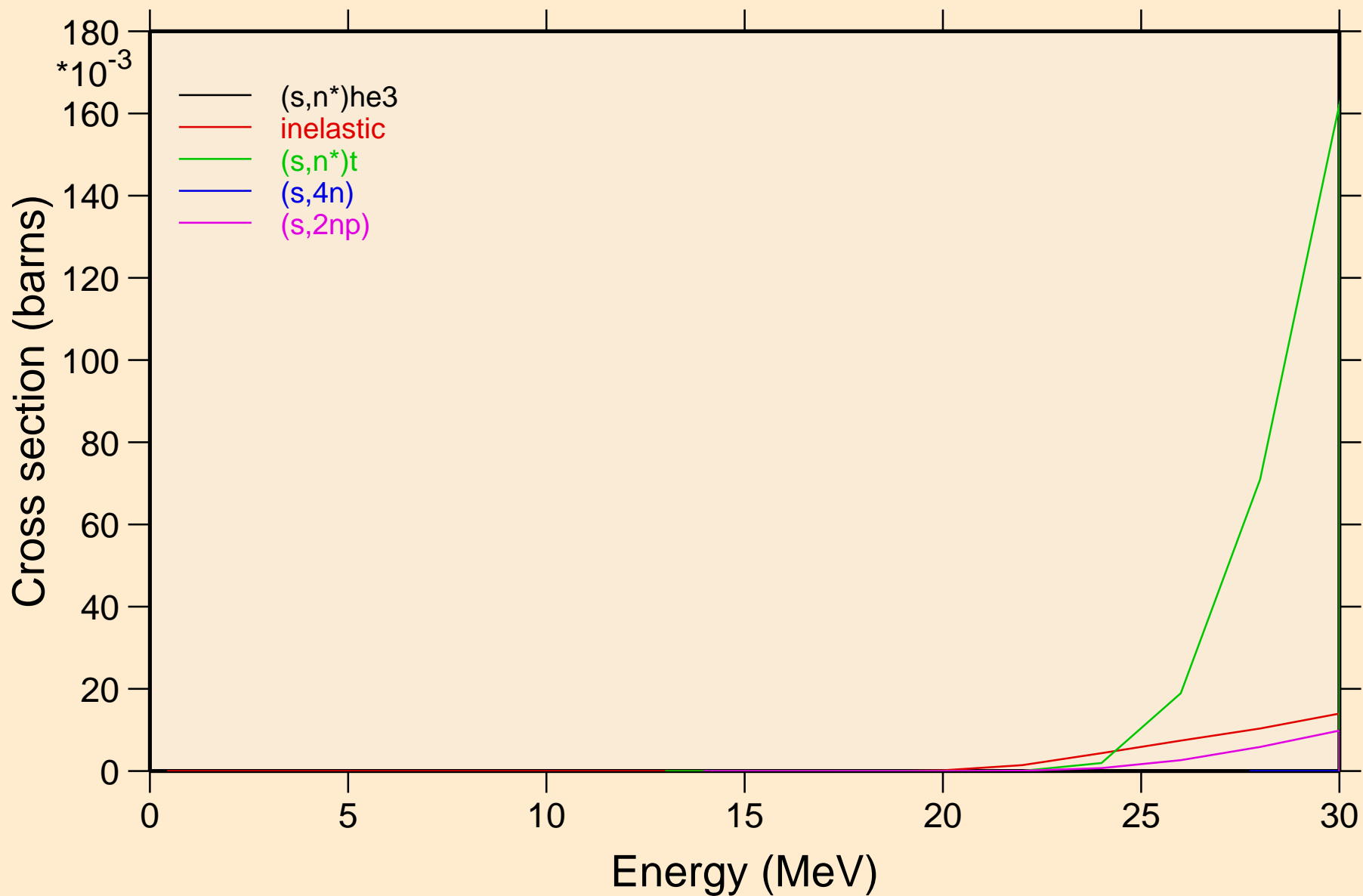


HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

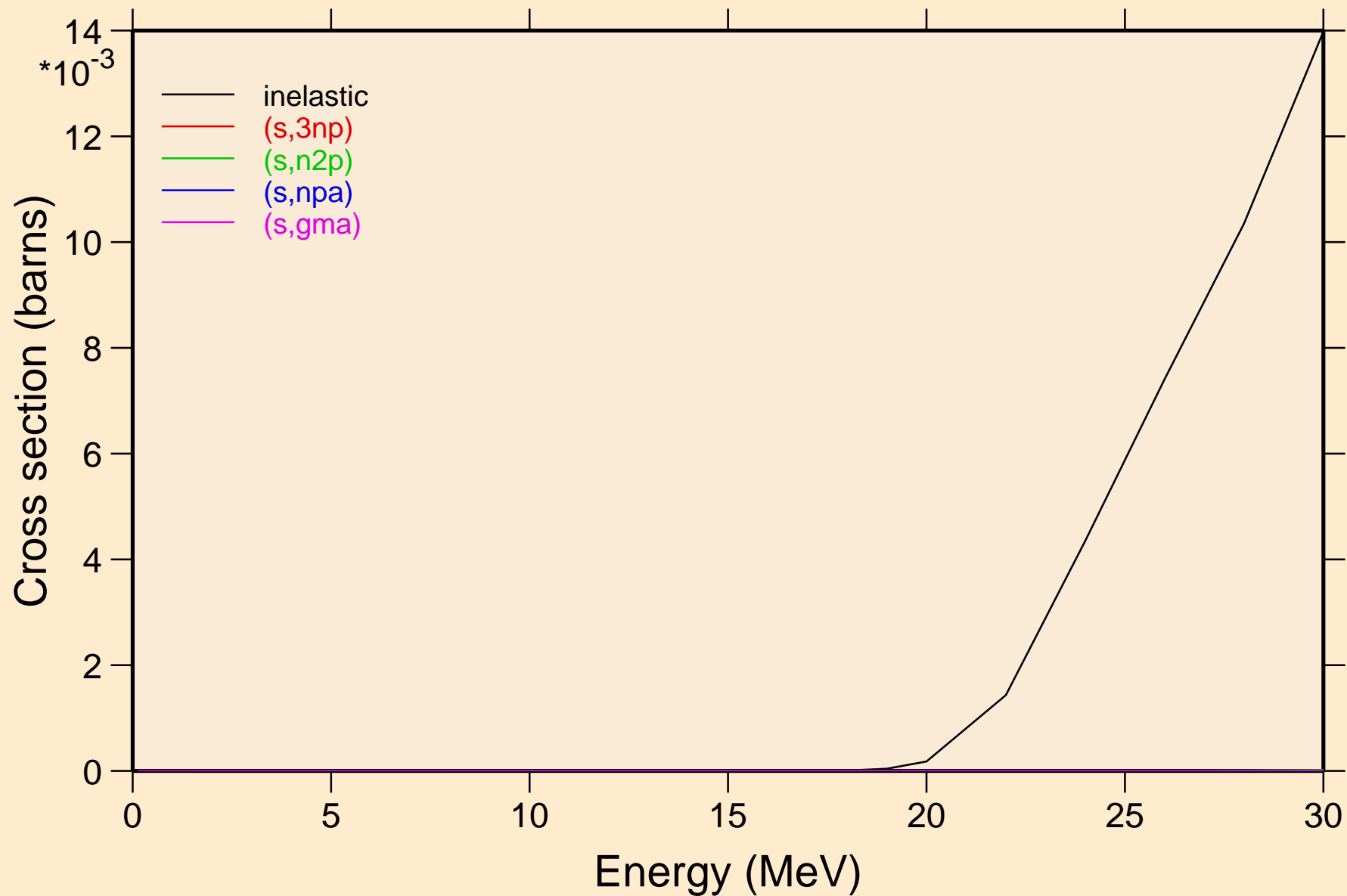


# HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

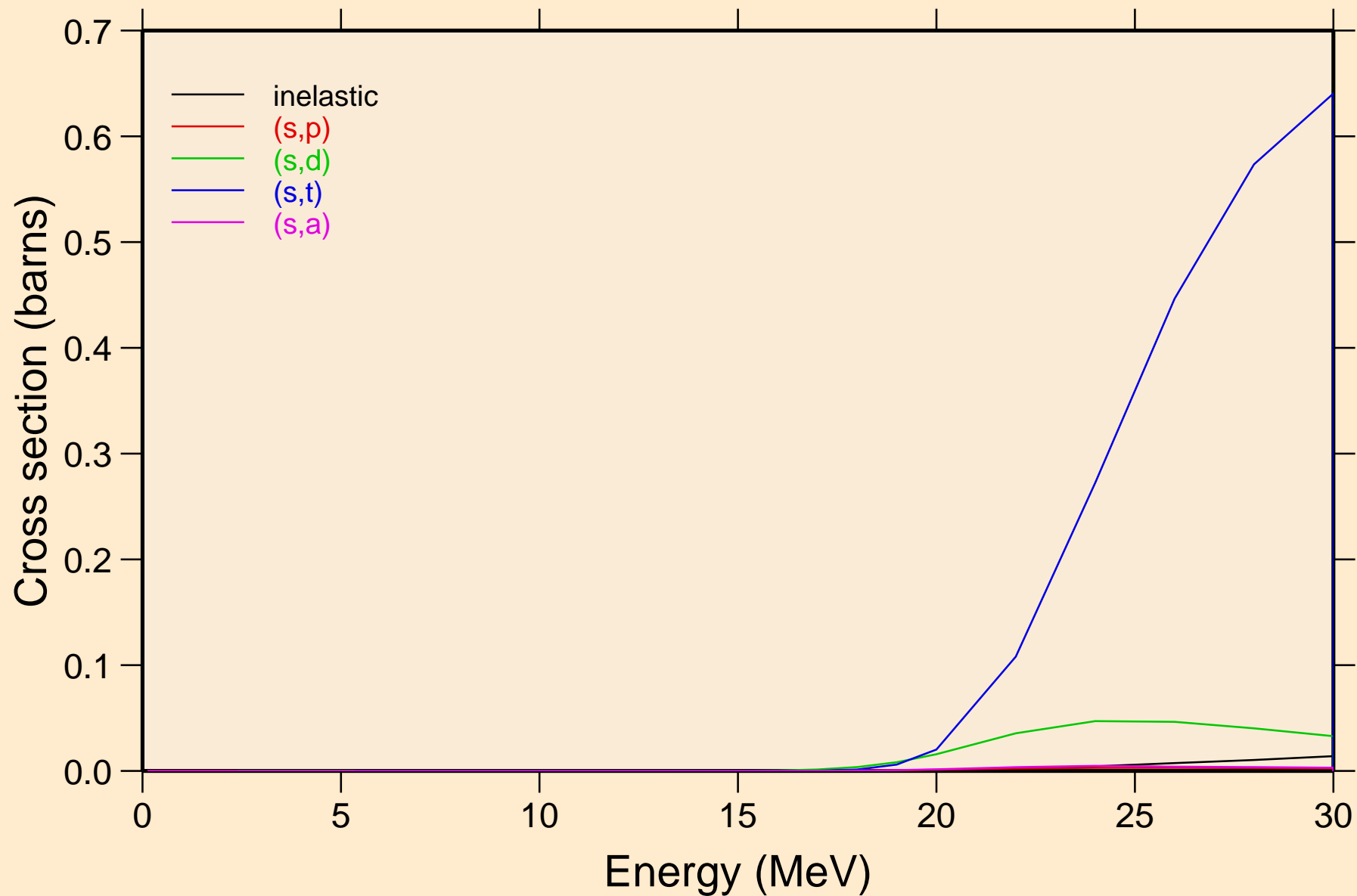


HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



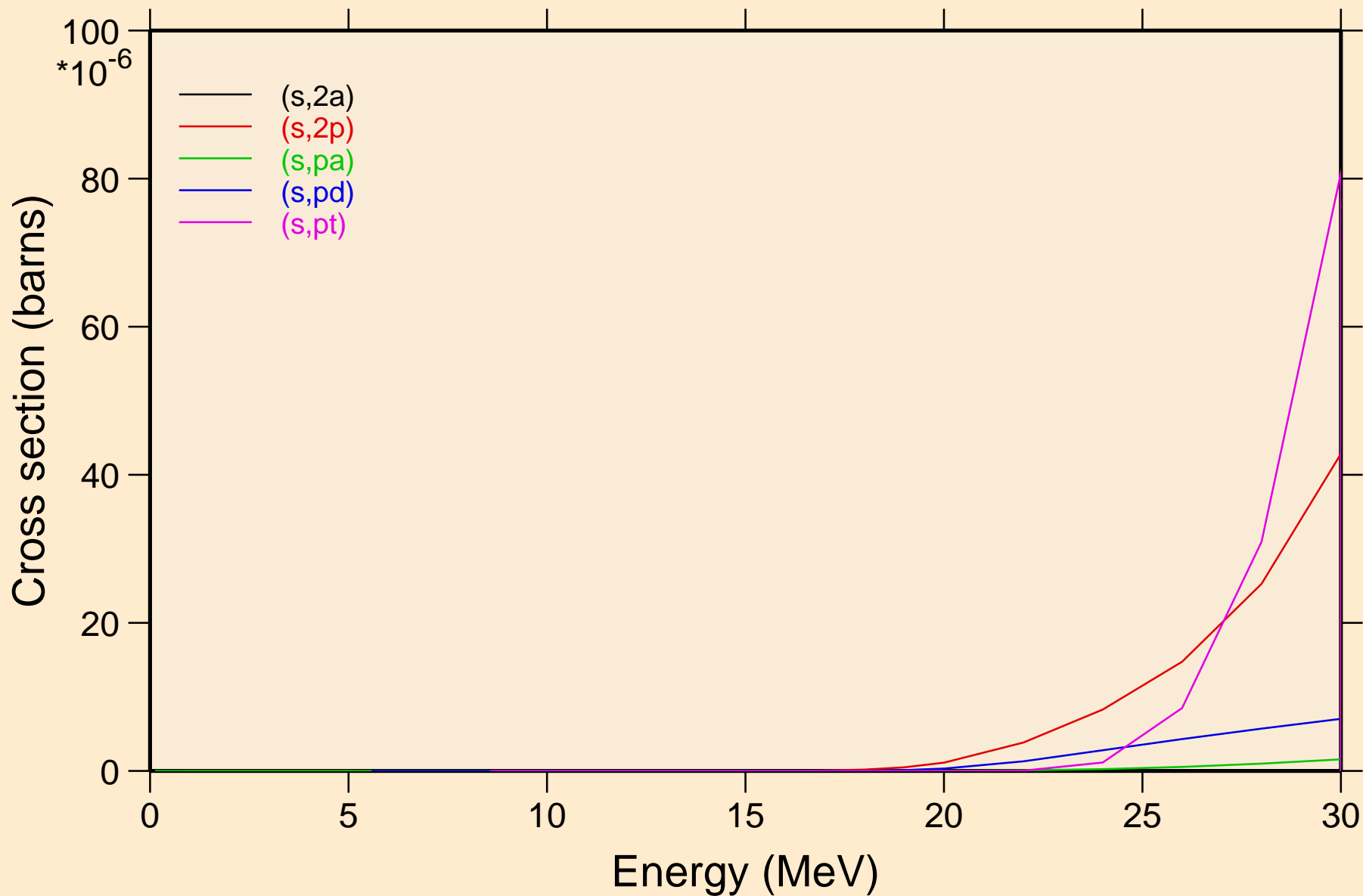
# HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

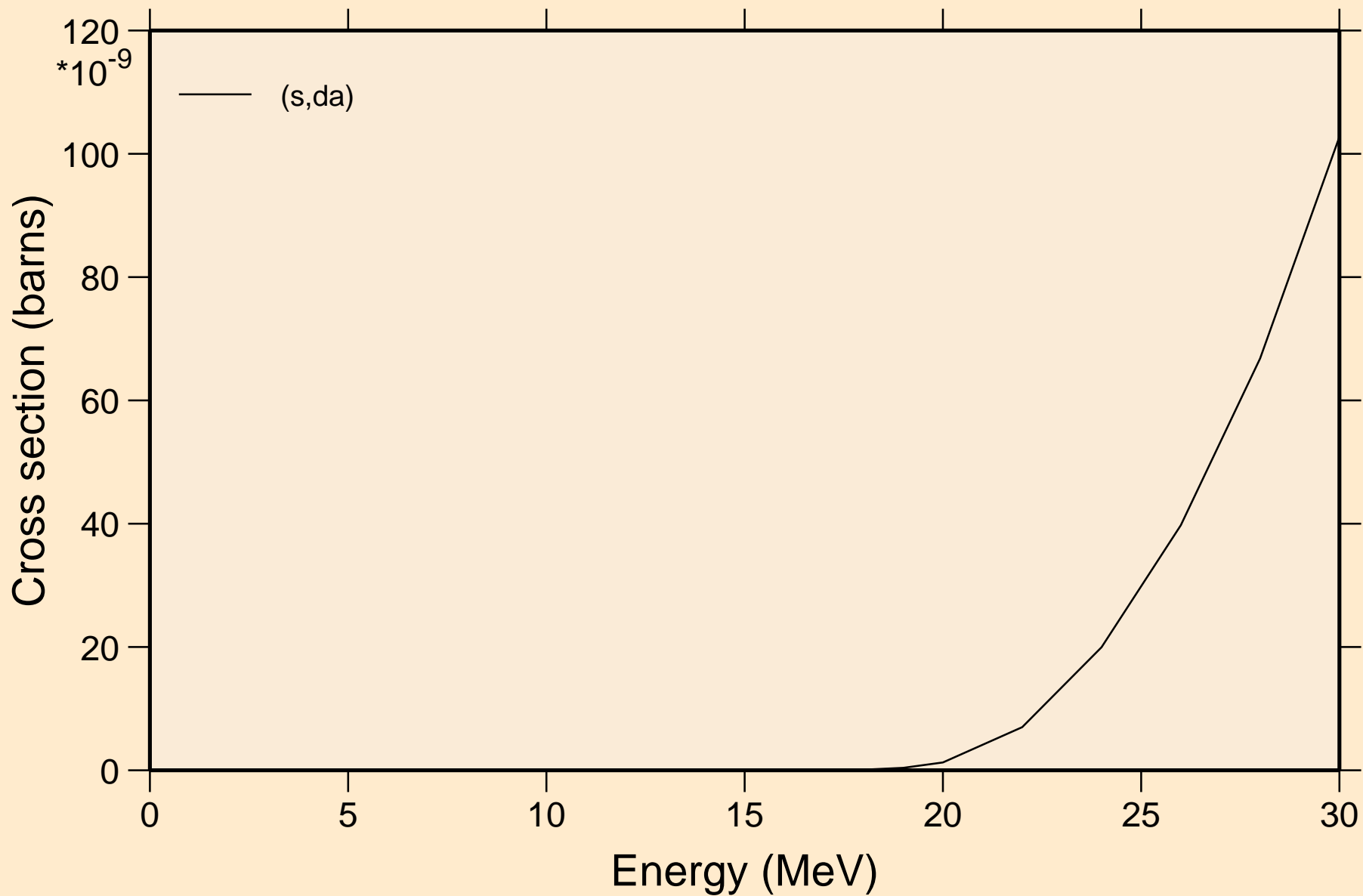


# HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K

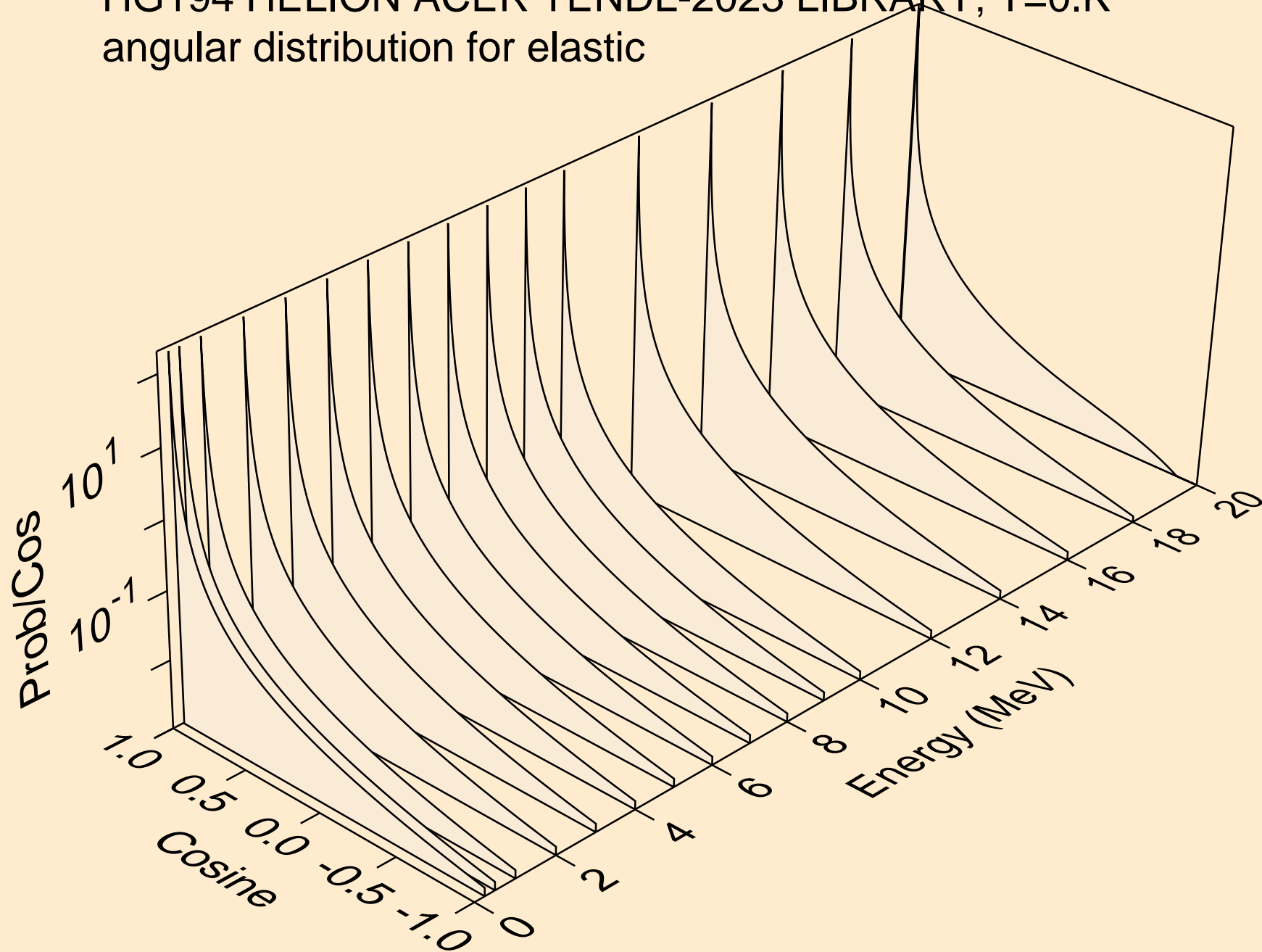
## Threshold reactions



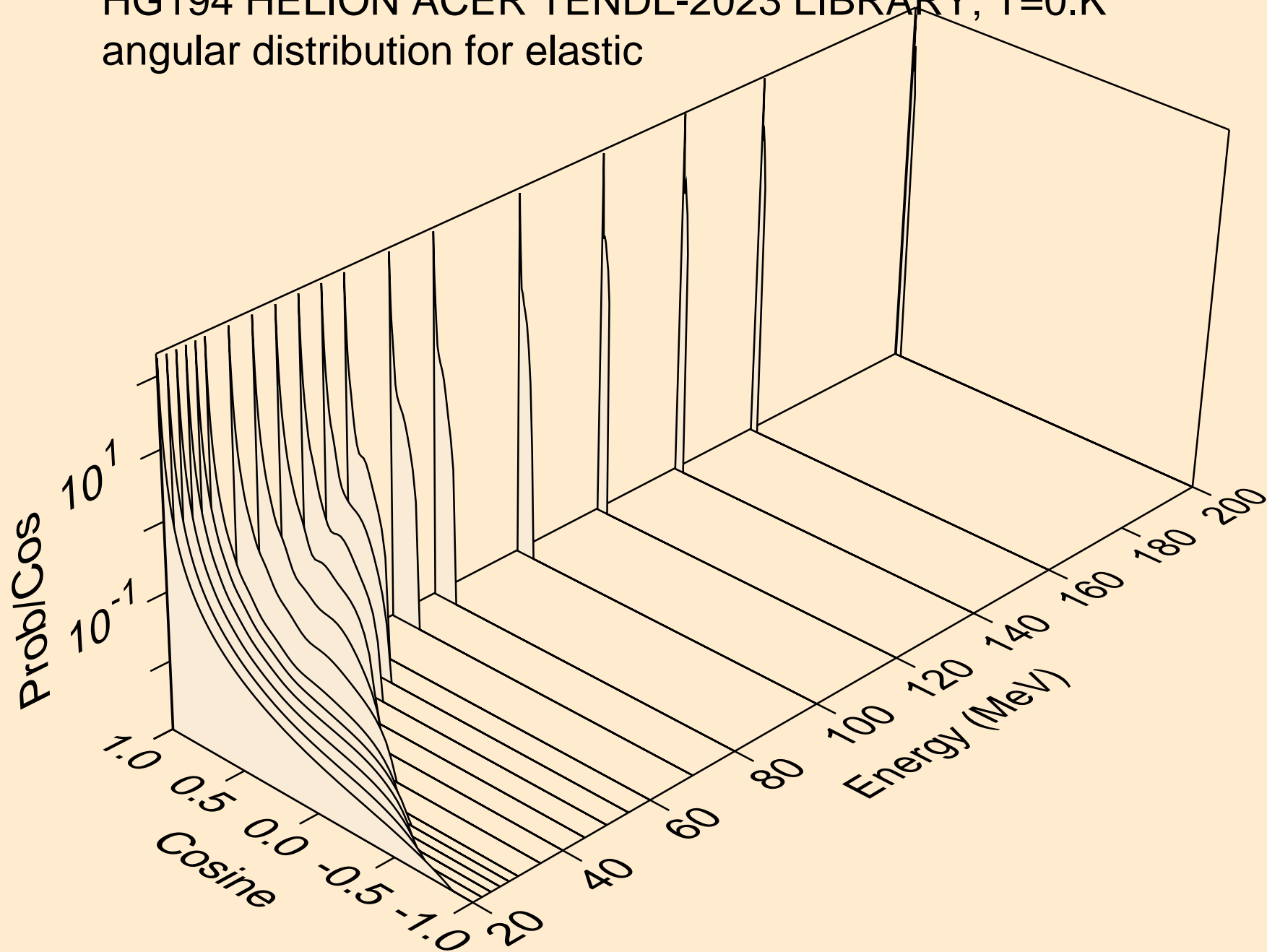
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



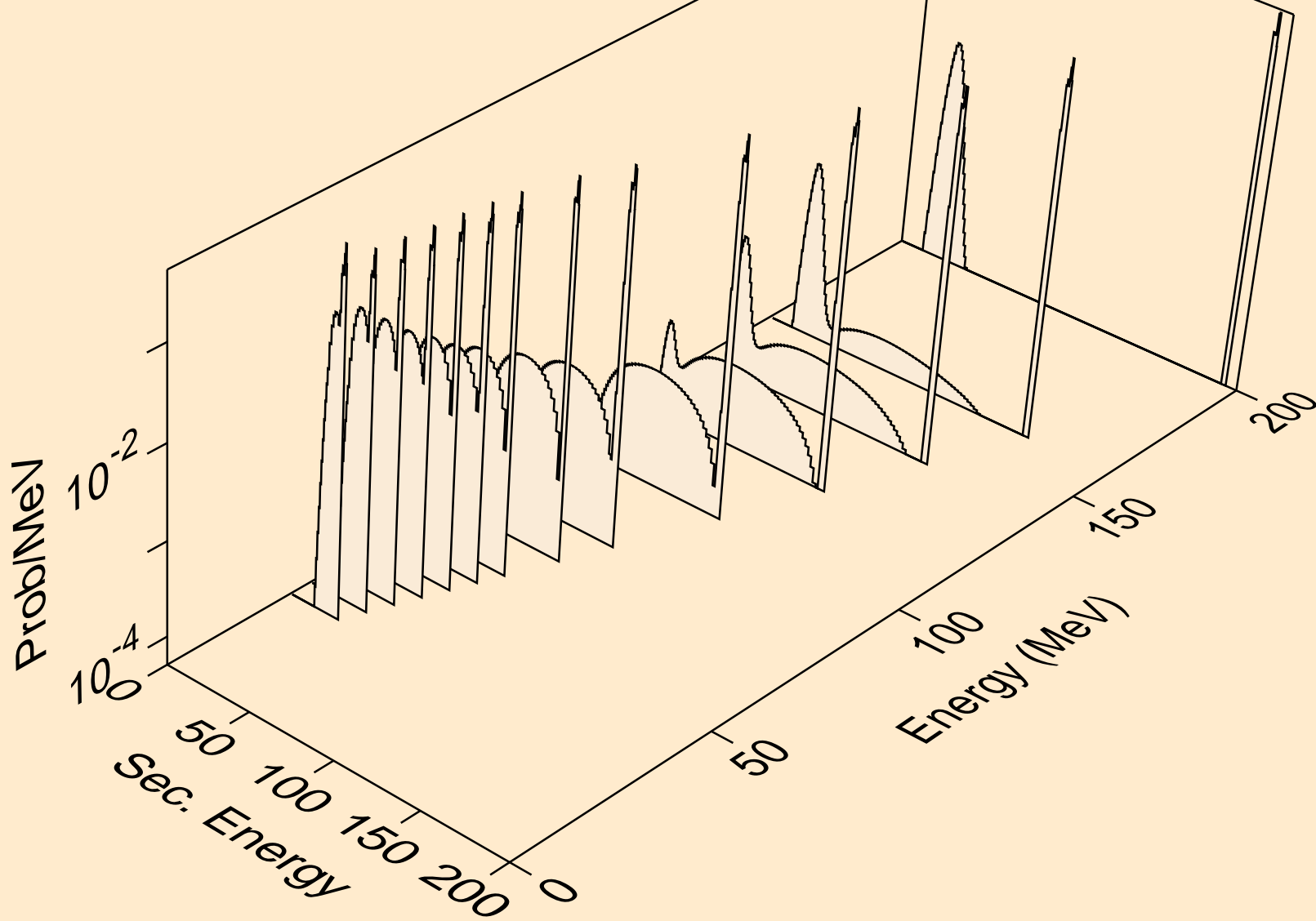
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



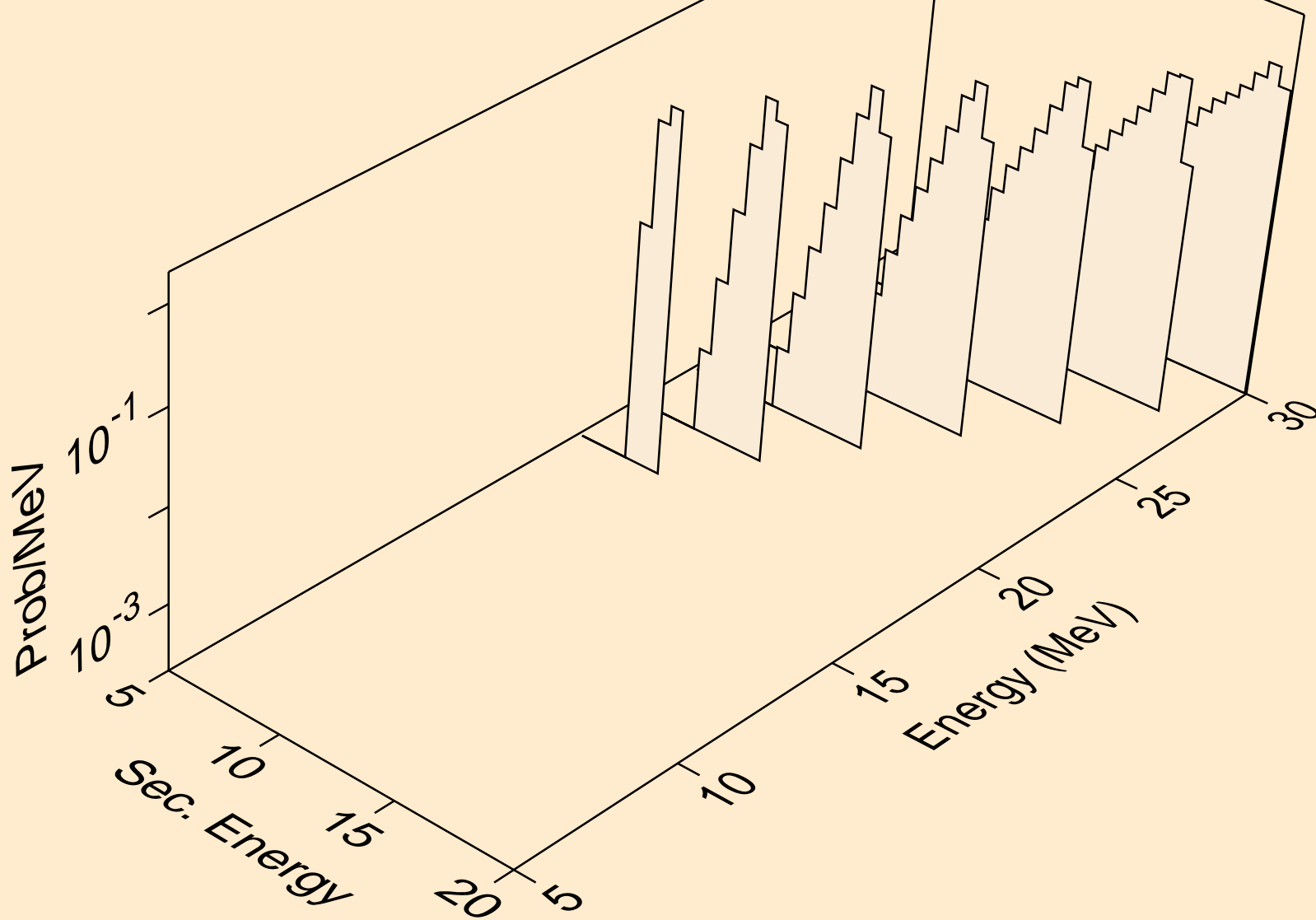
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



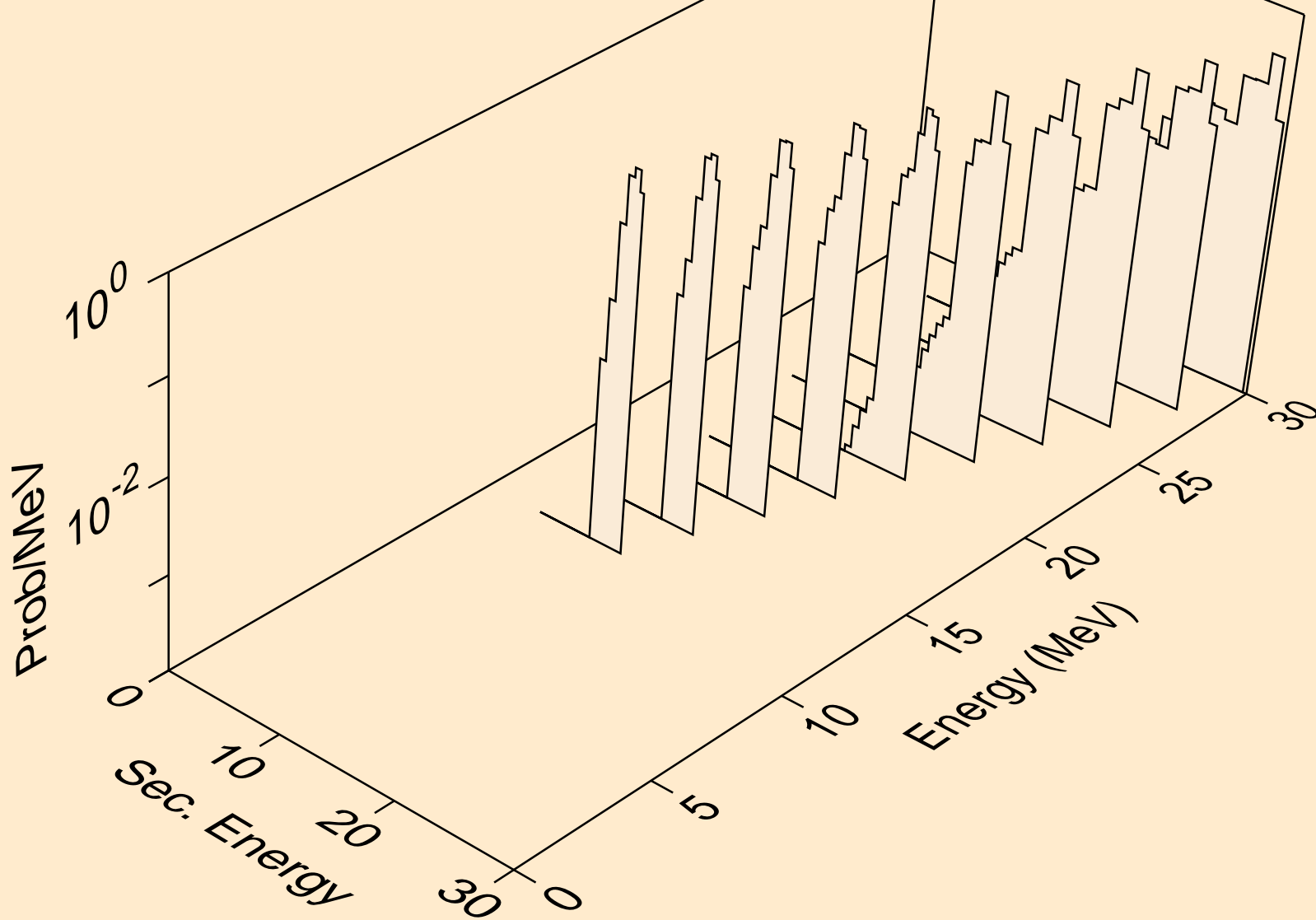
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



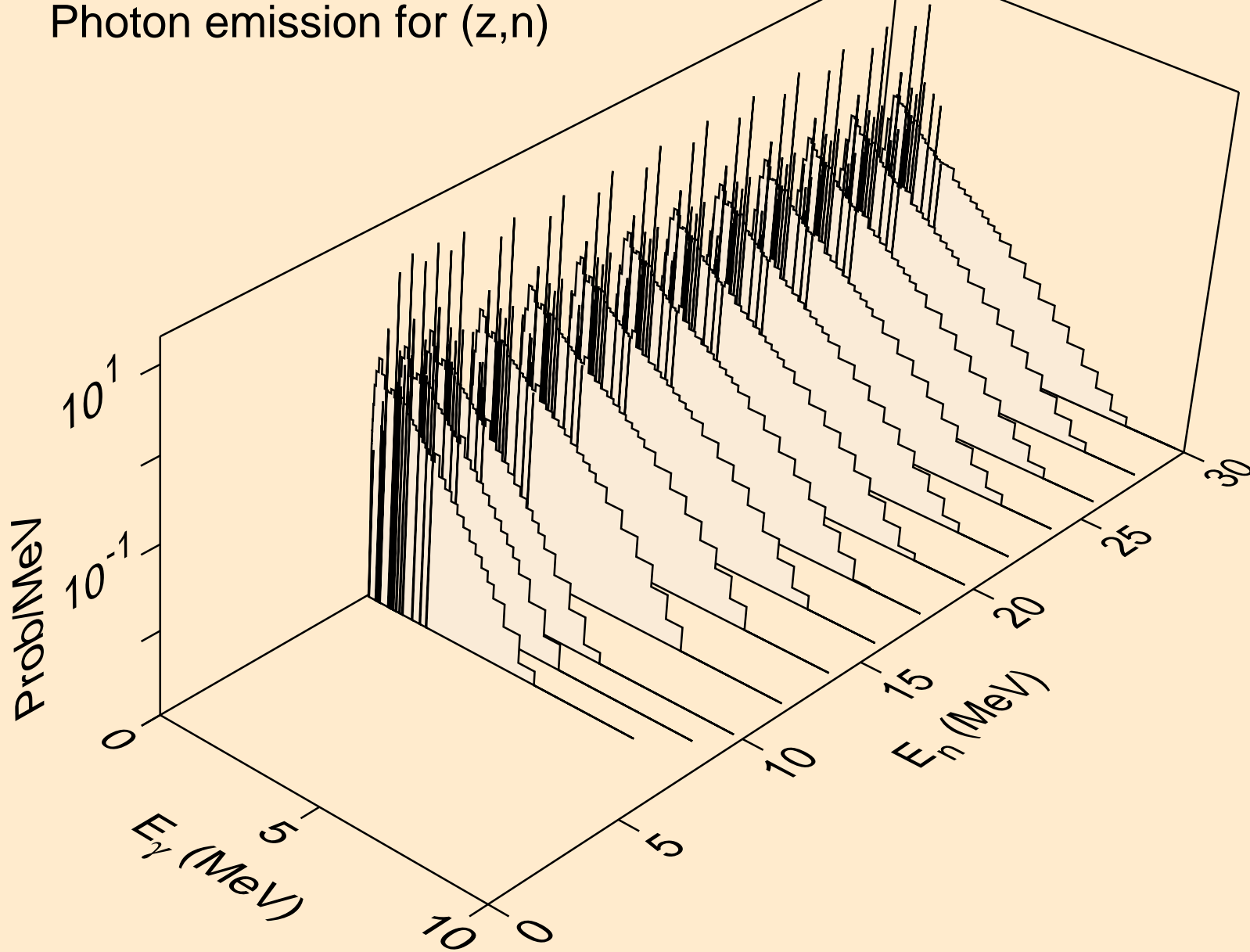
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



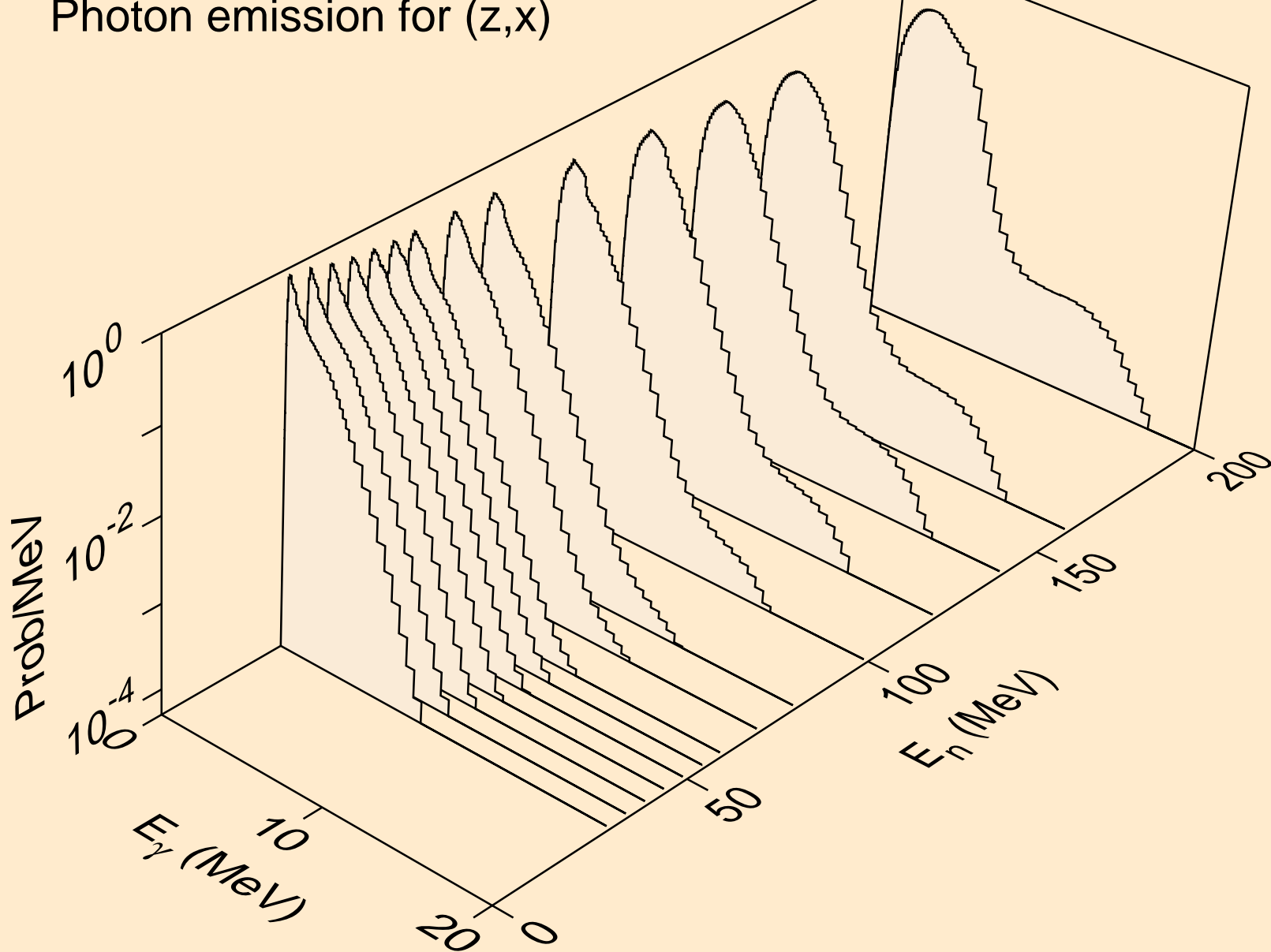
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



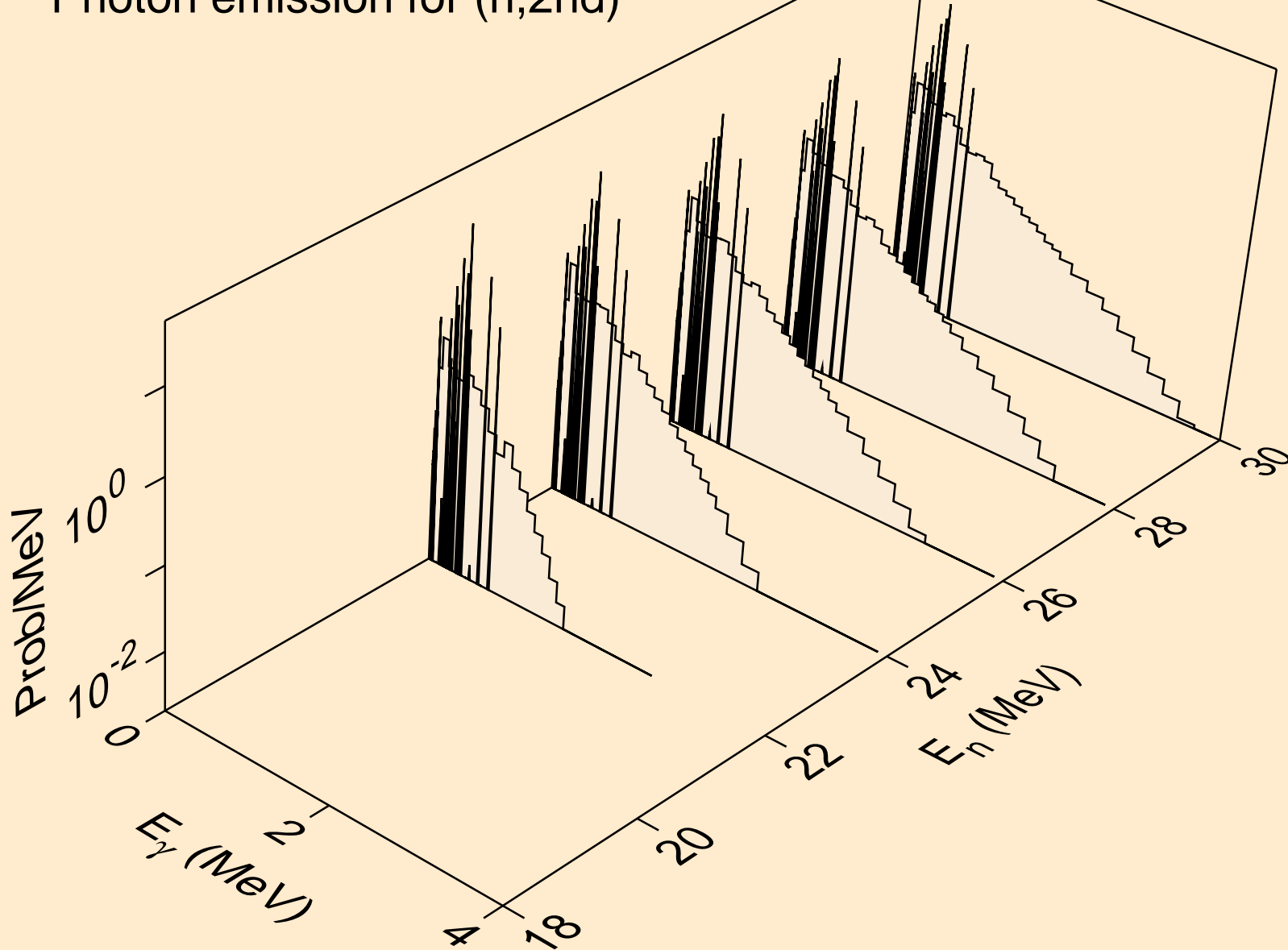
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



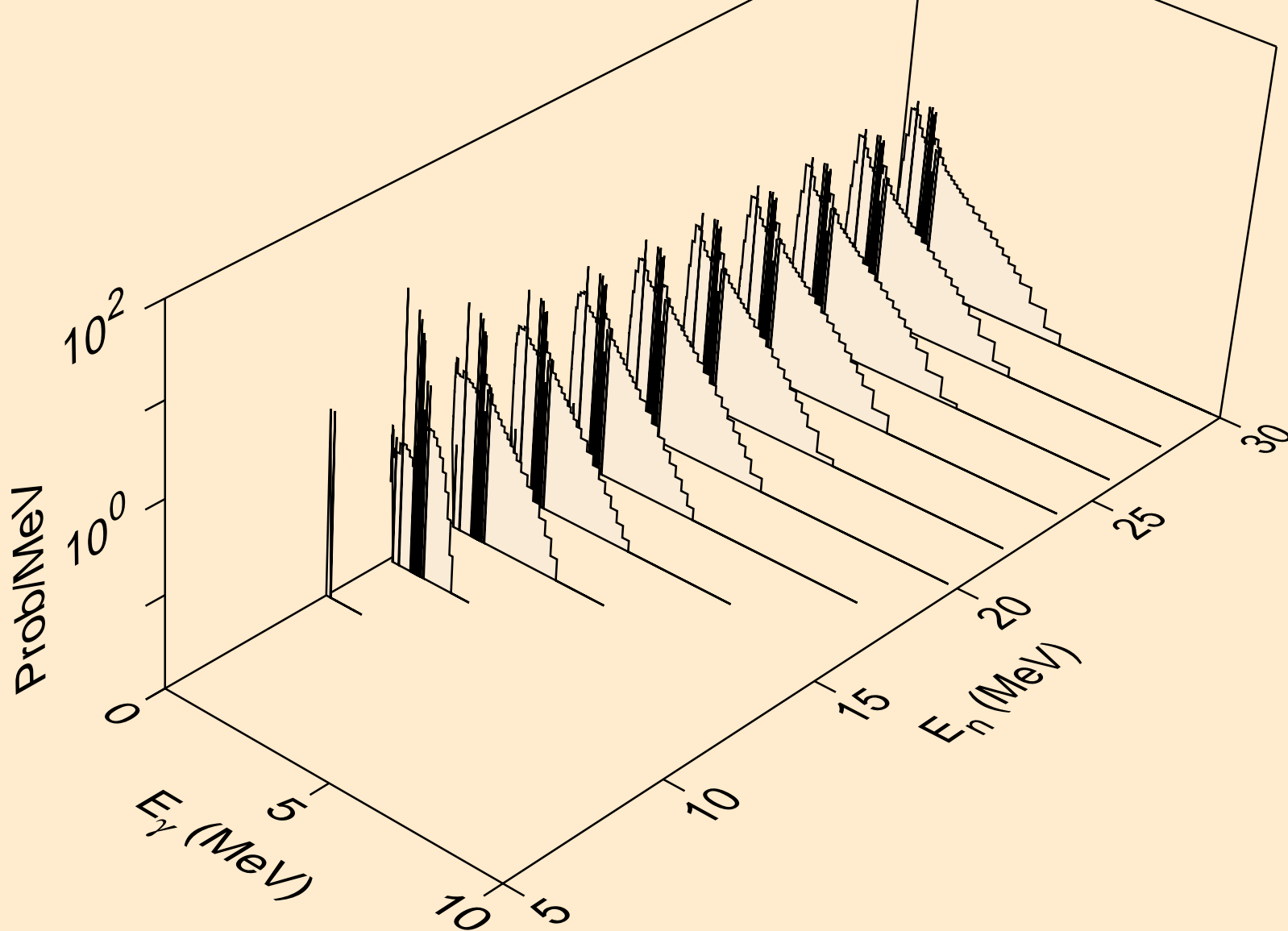
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



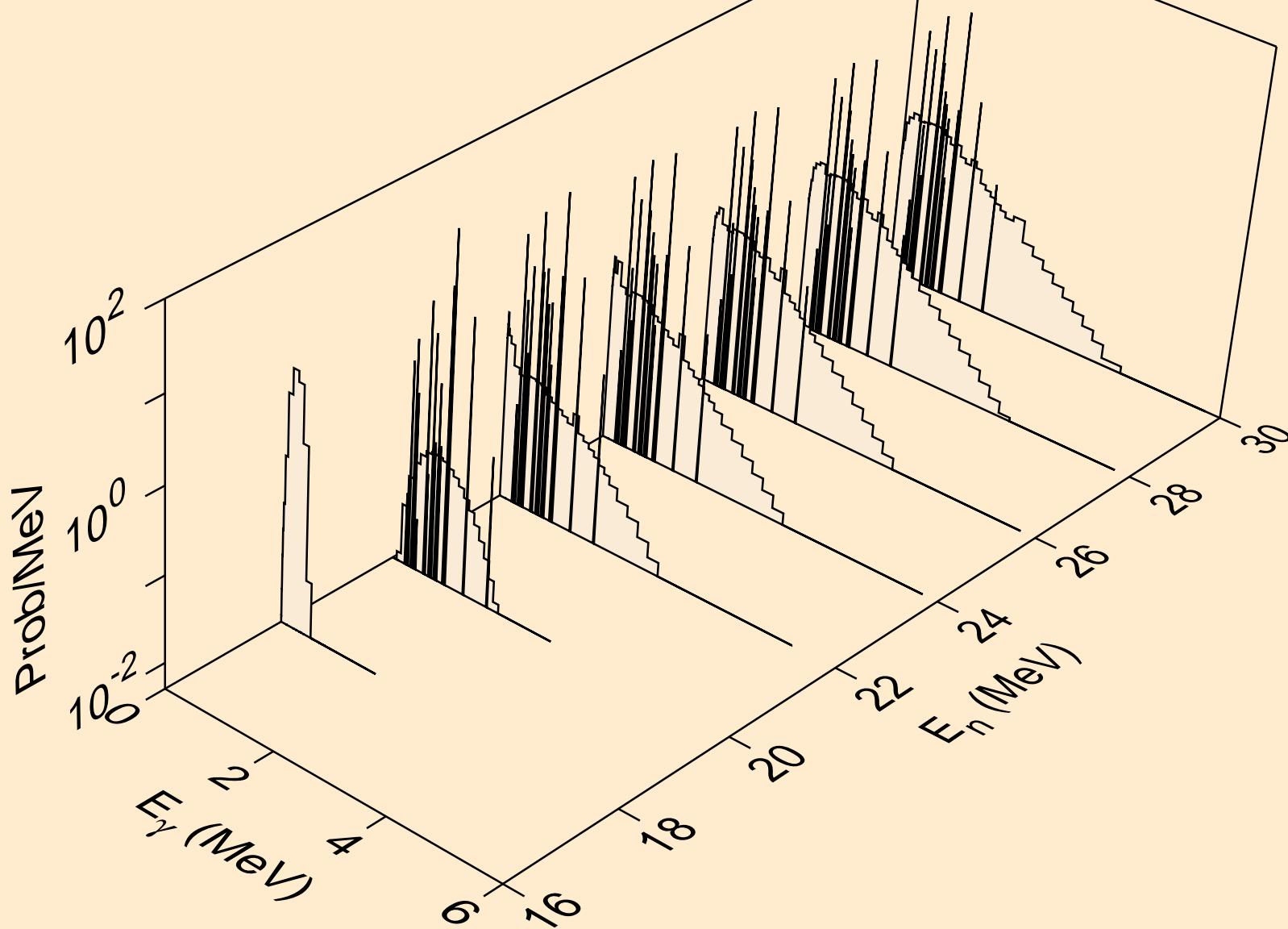
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



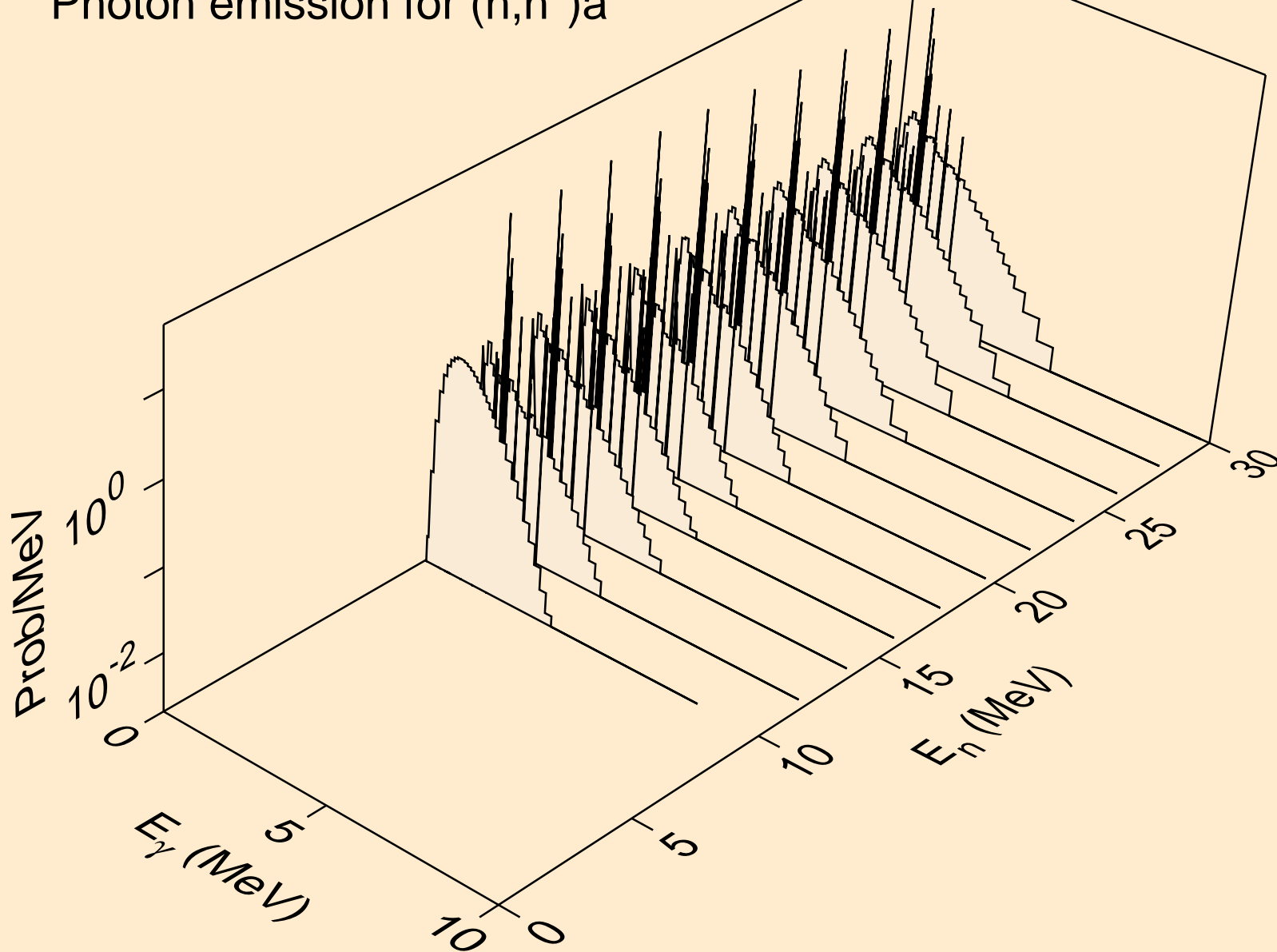
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



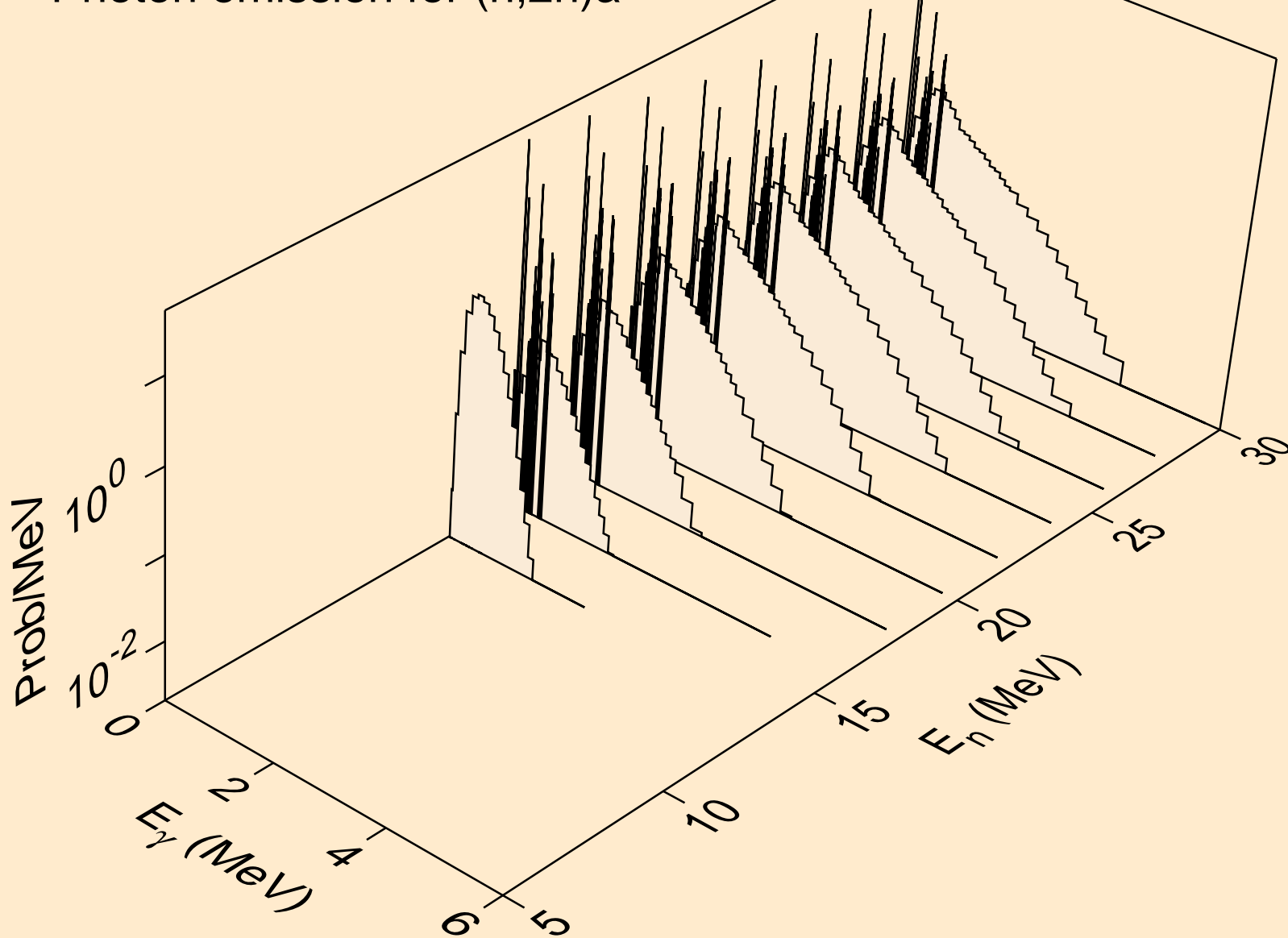
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



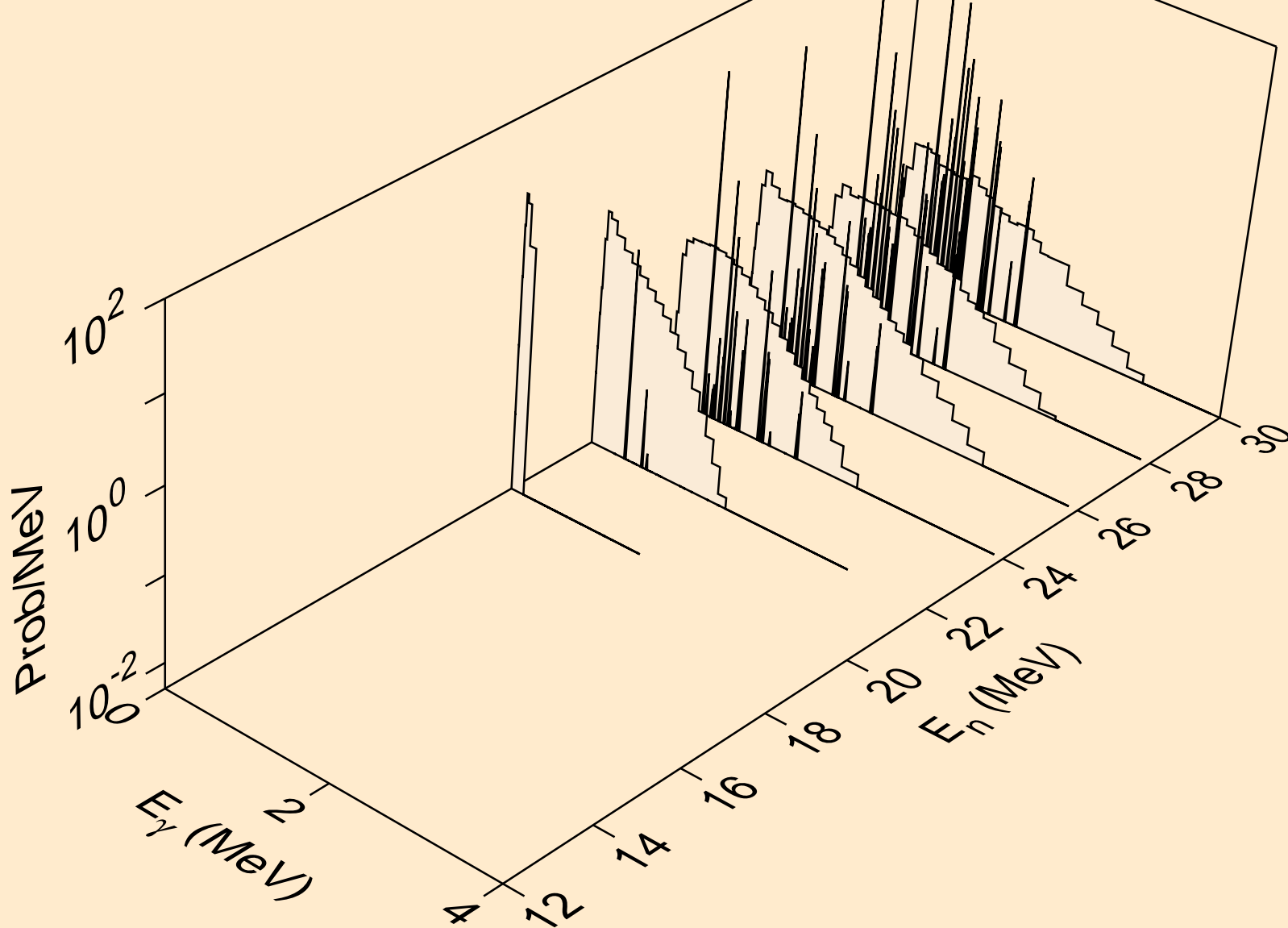
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



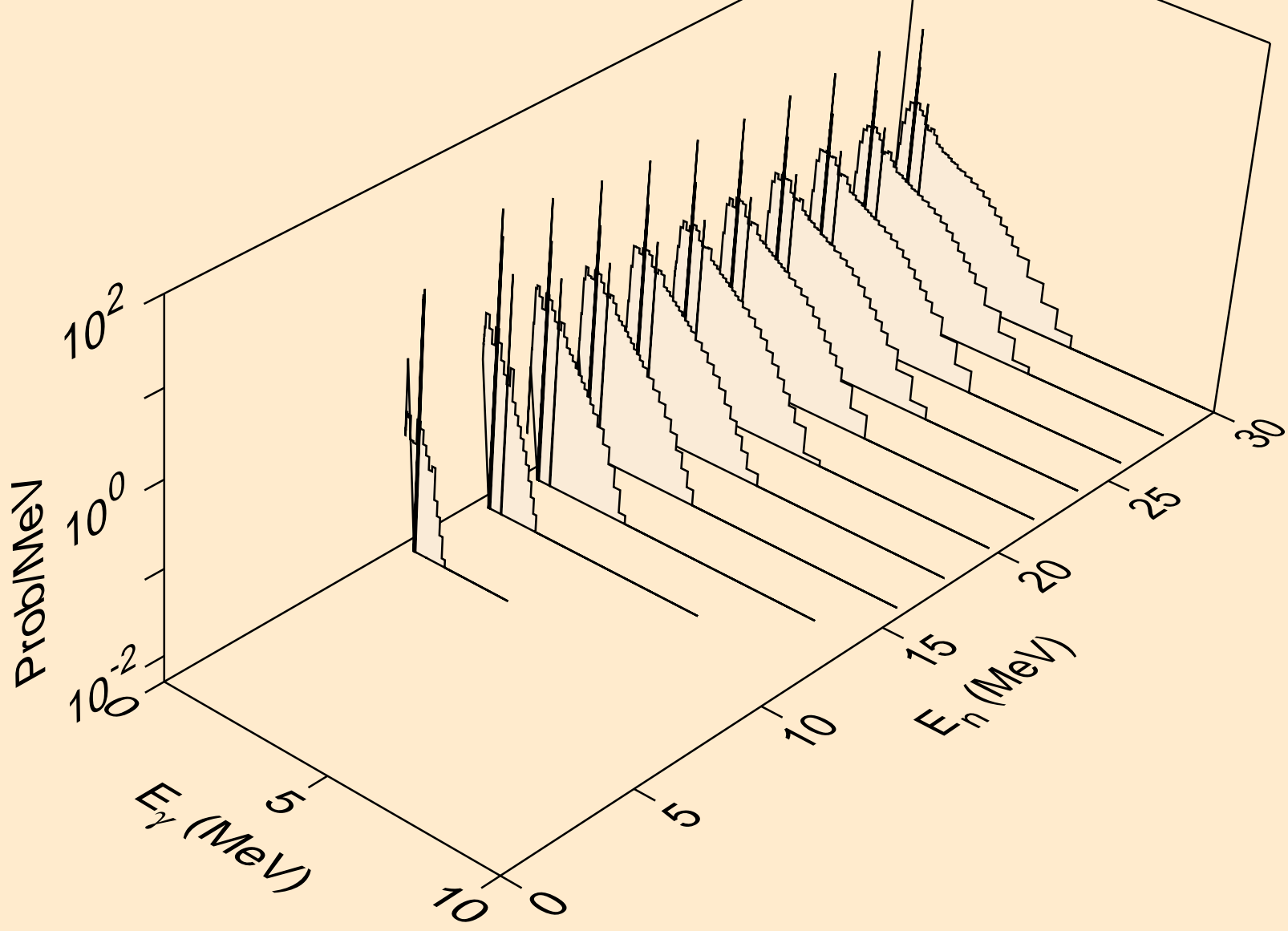
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



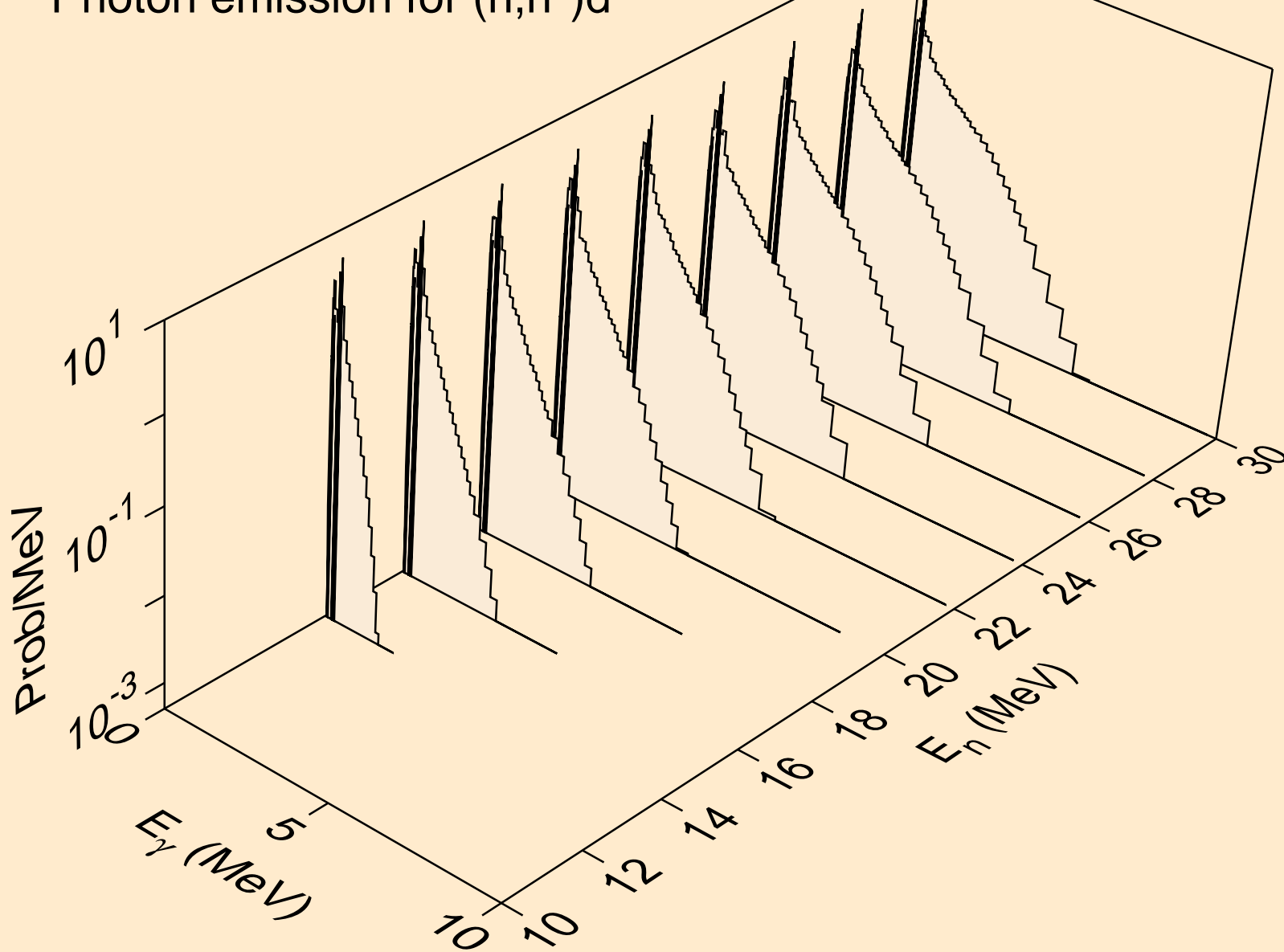
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



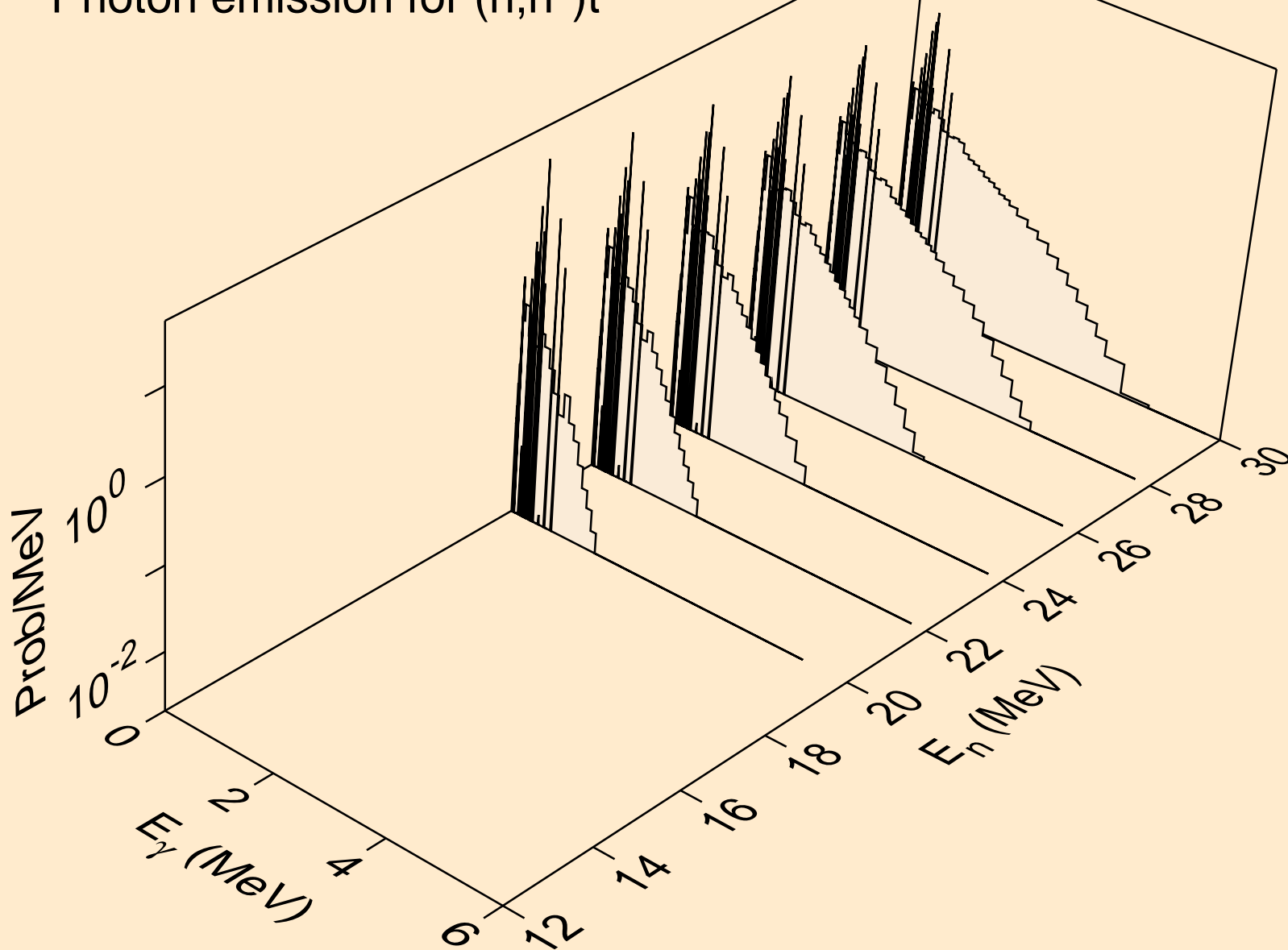
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



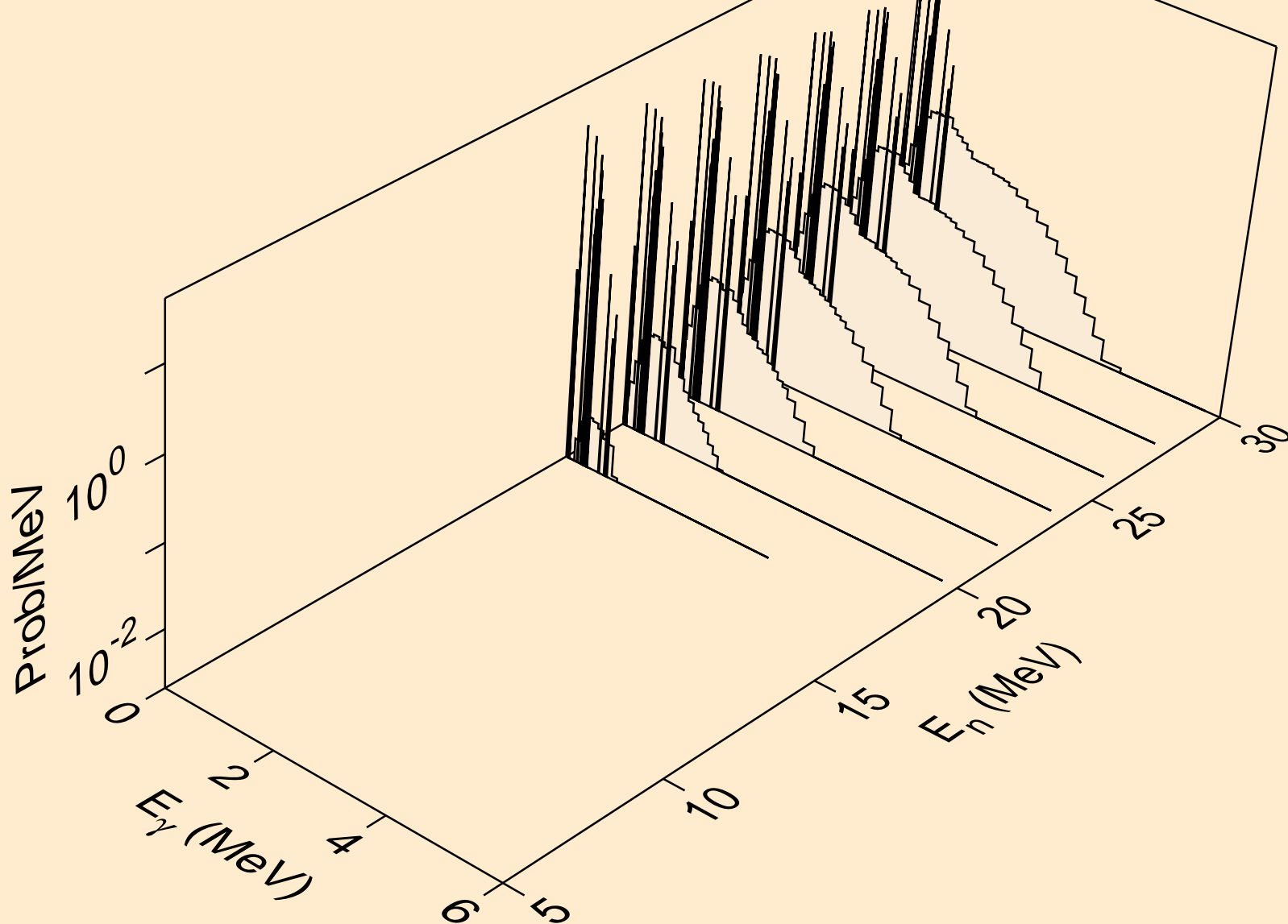
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



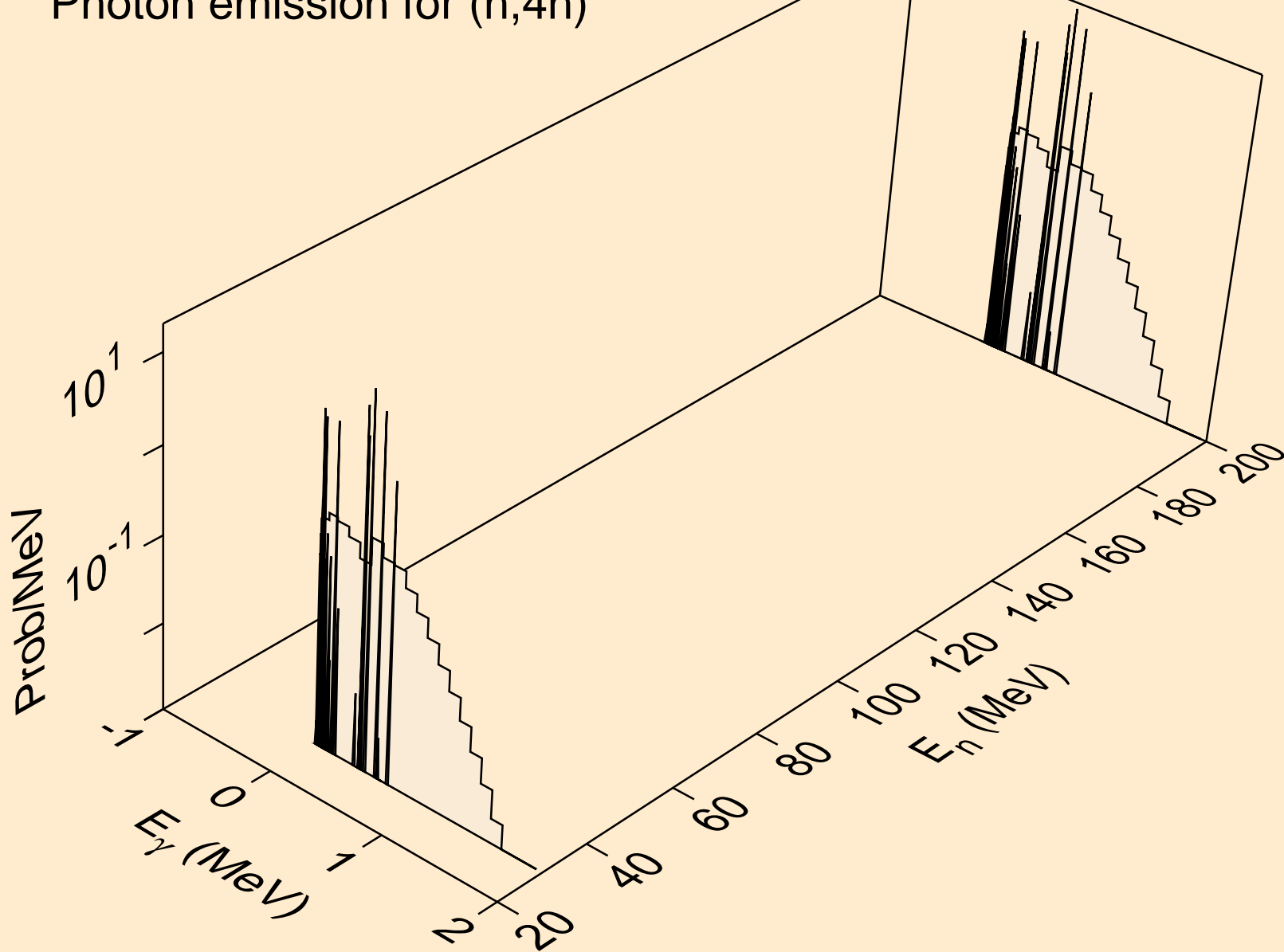
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



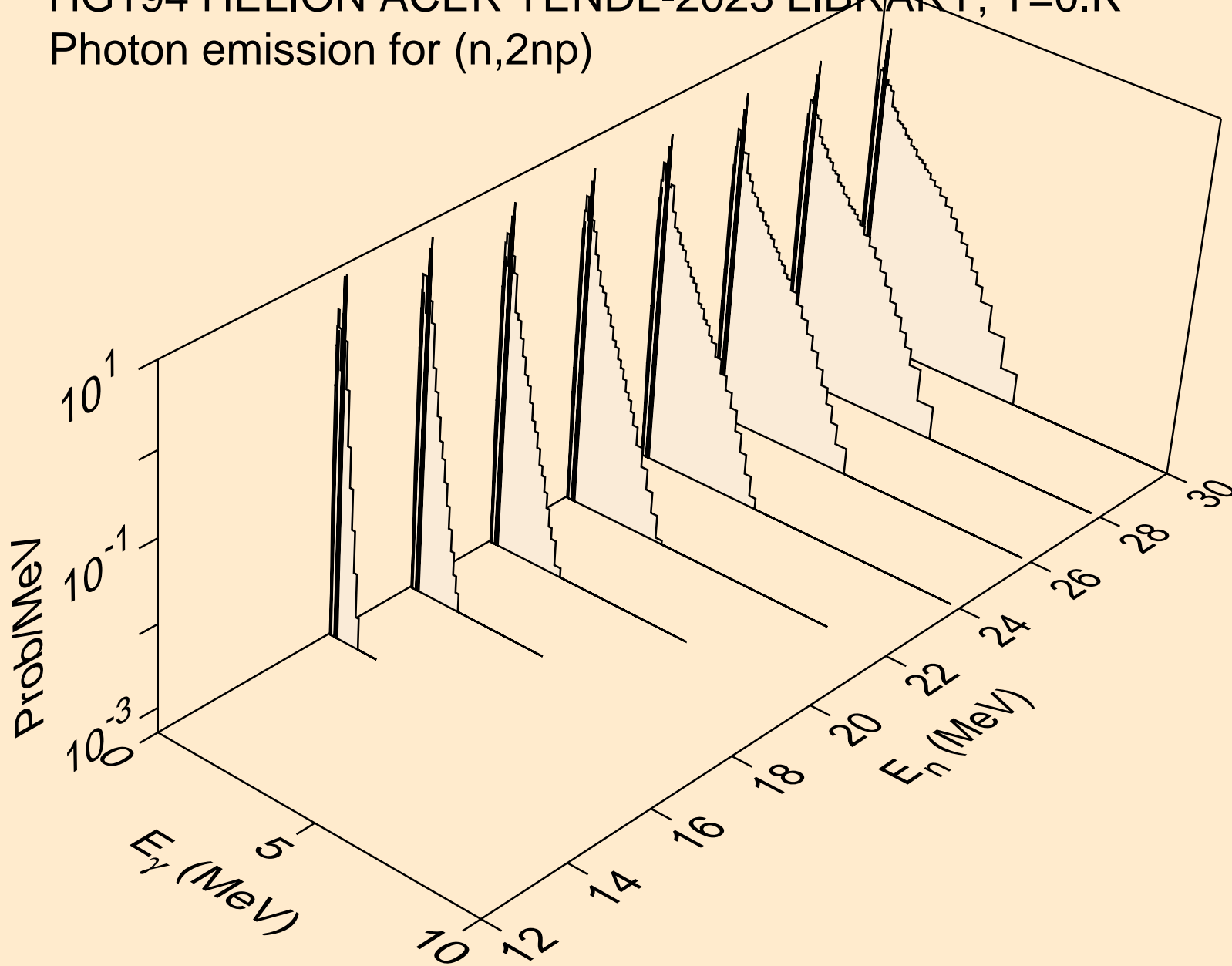
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



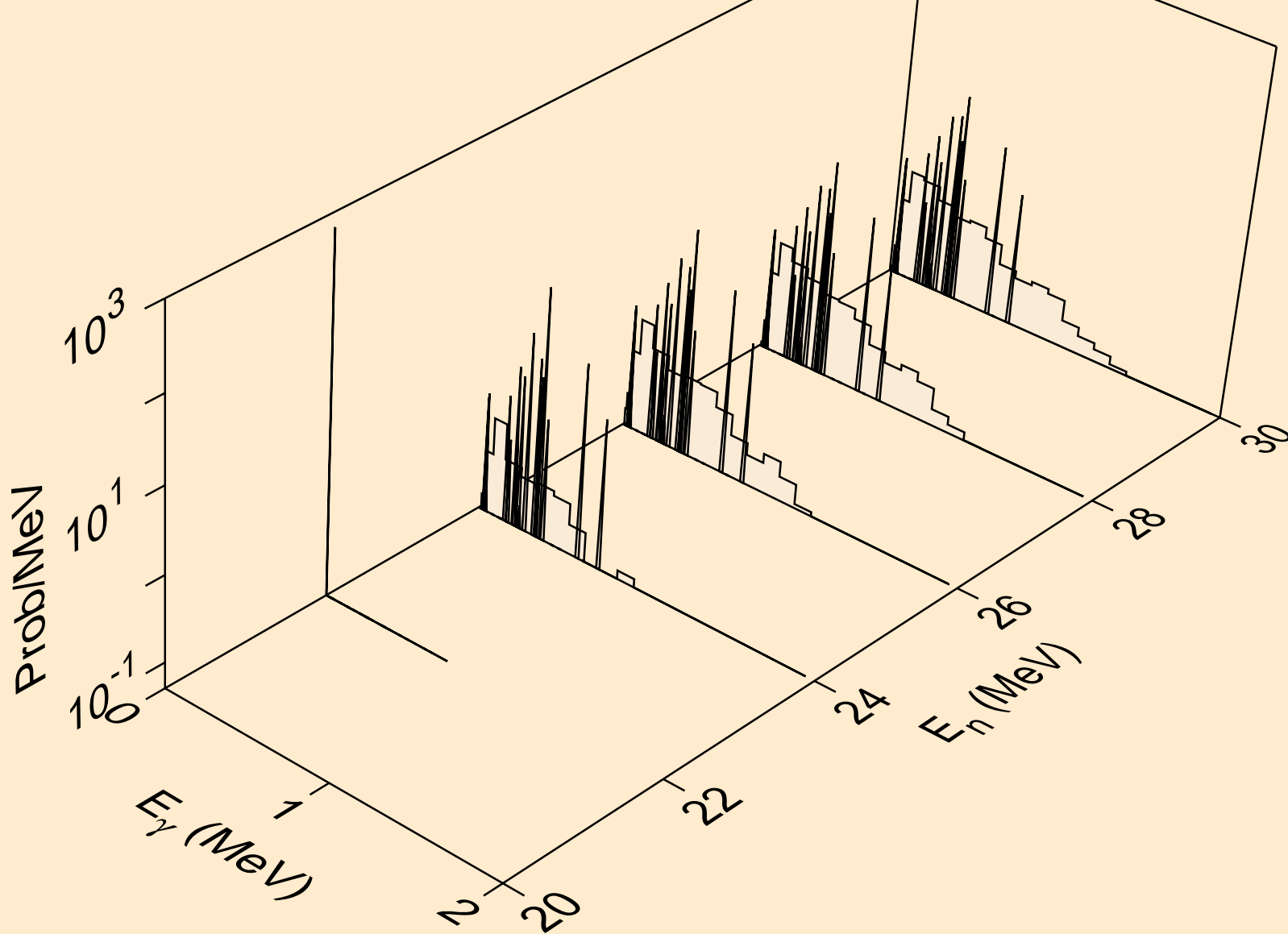
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



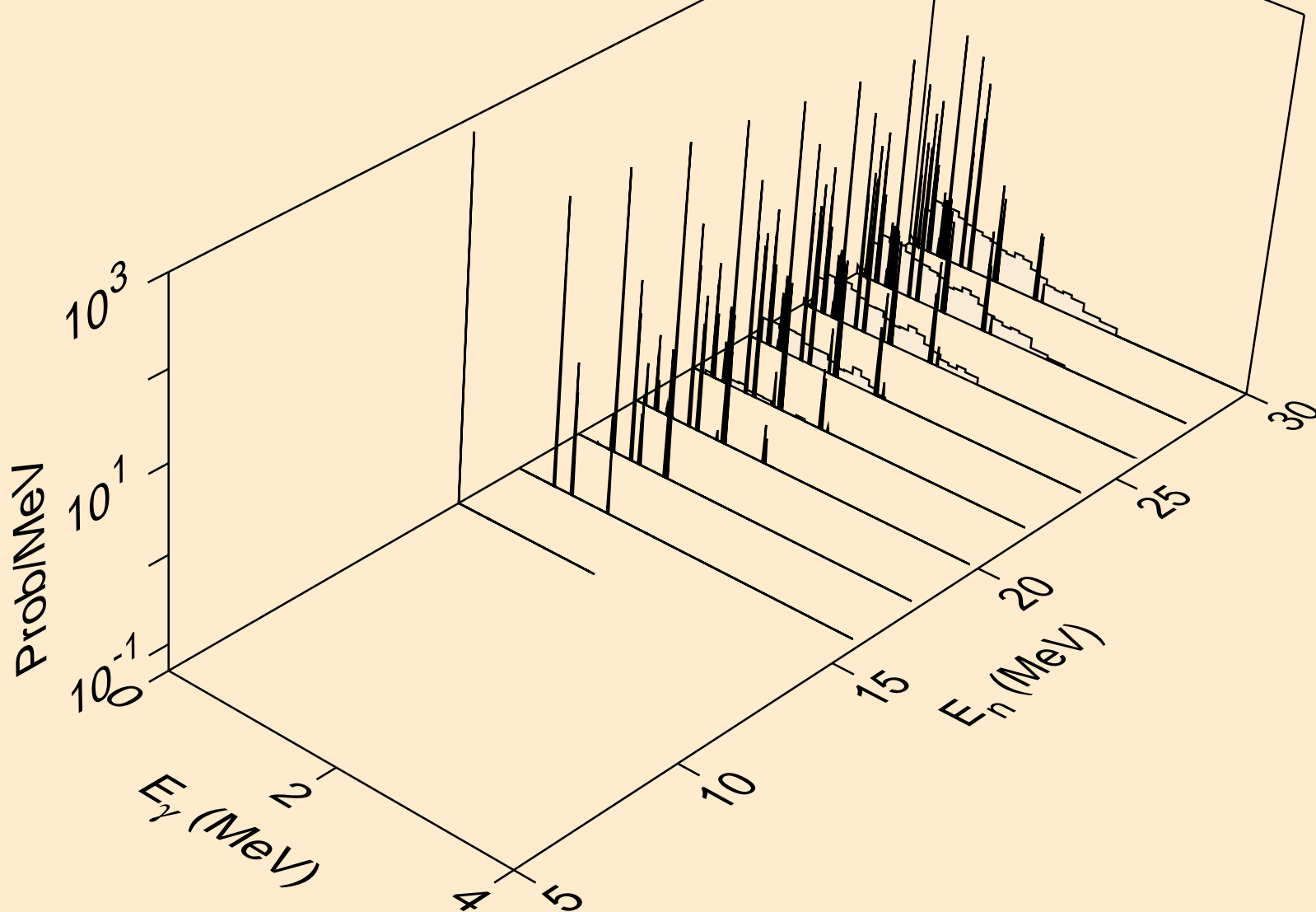
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



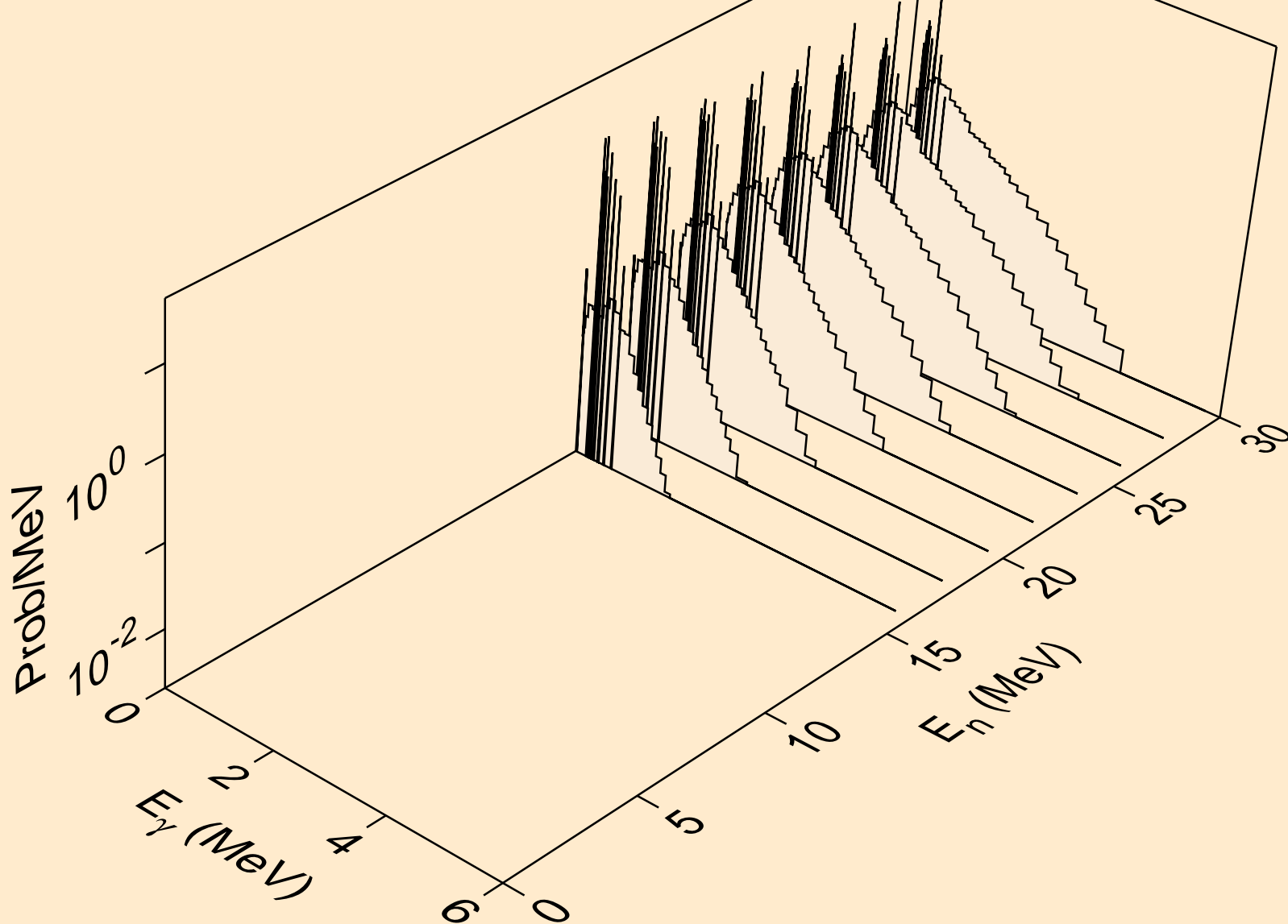
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



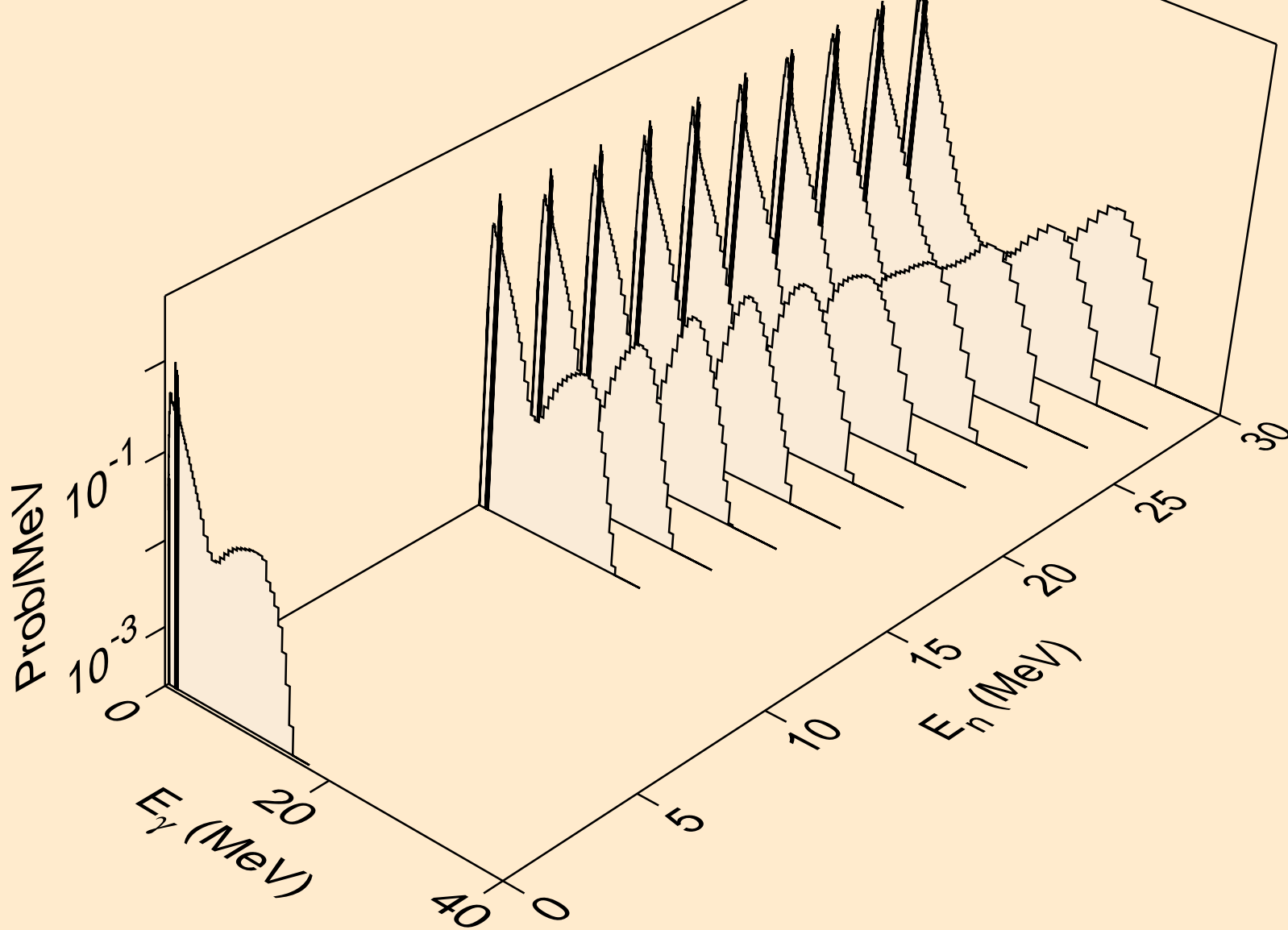
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



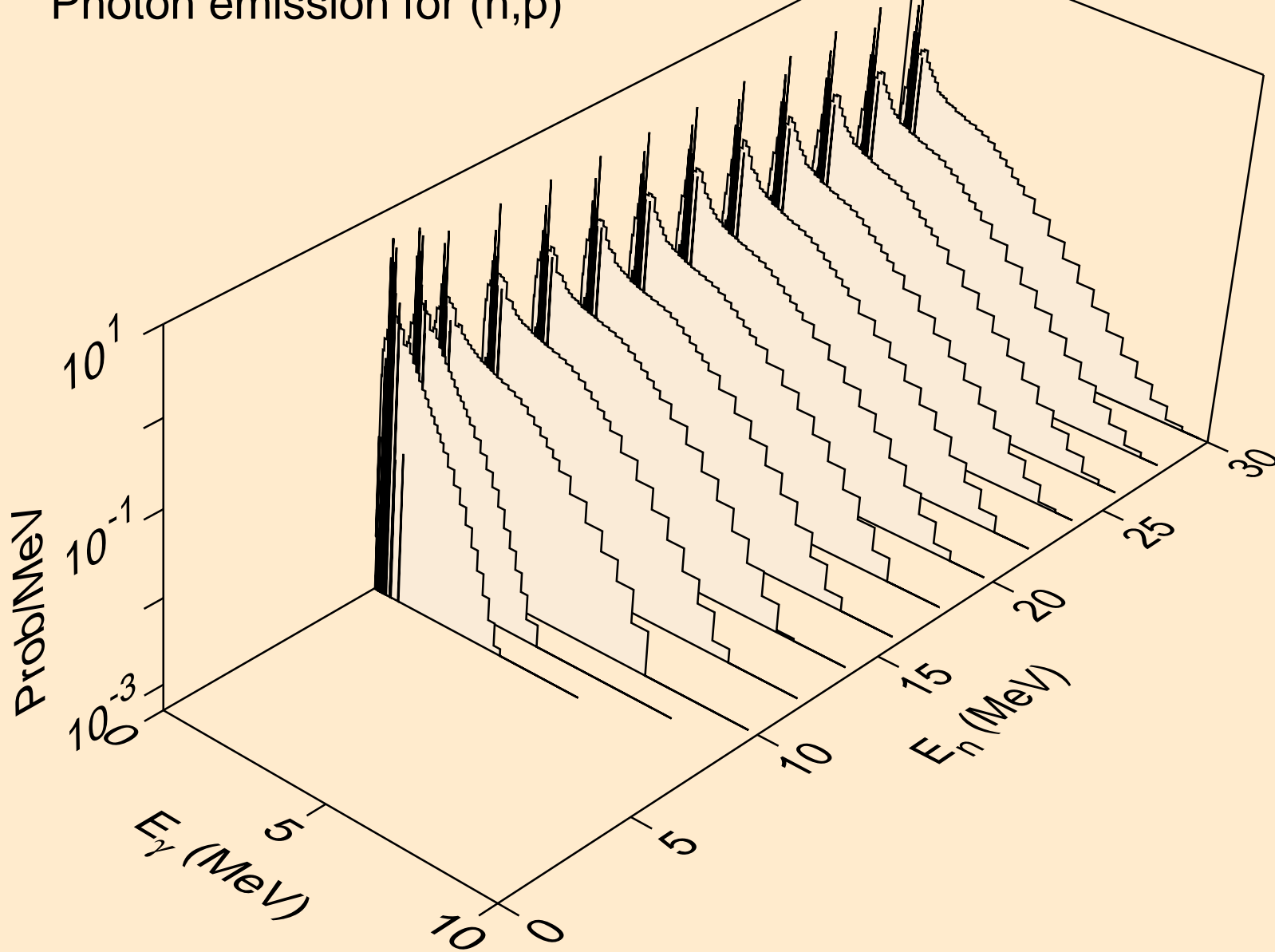
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



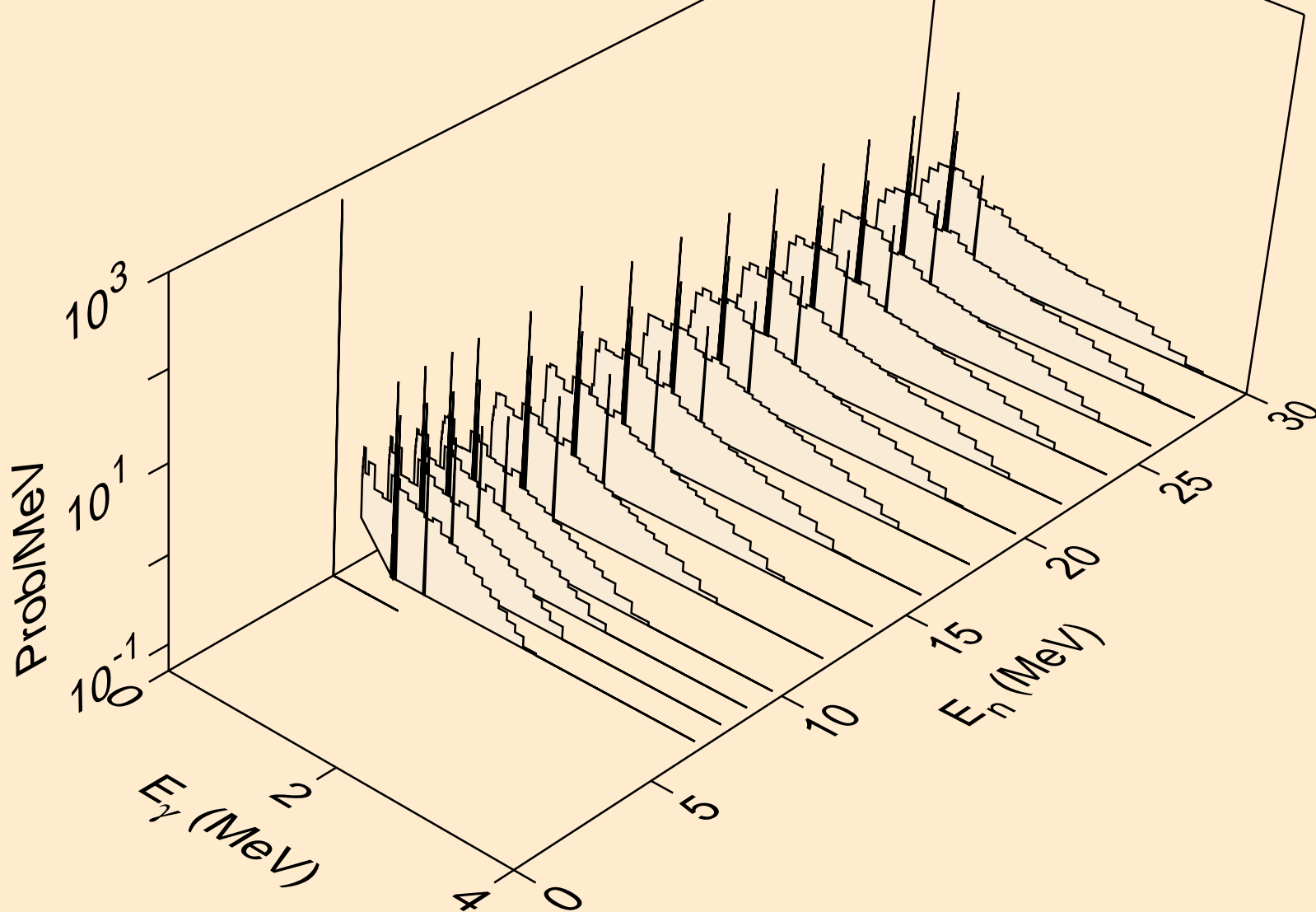
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



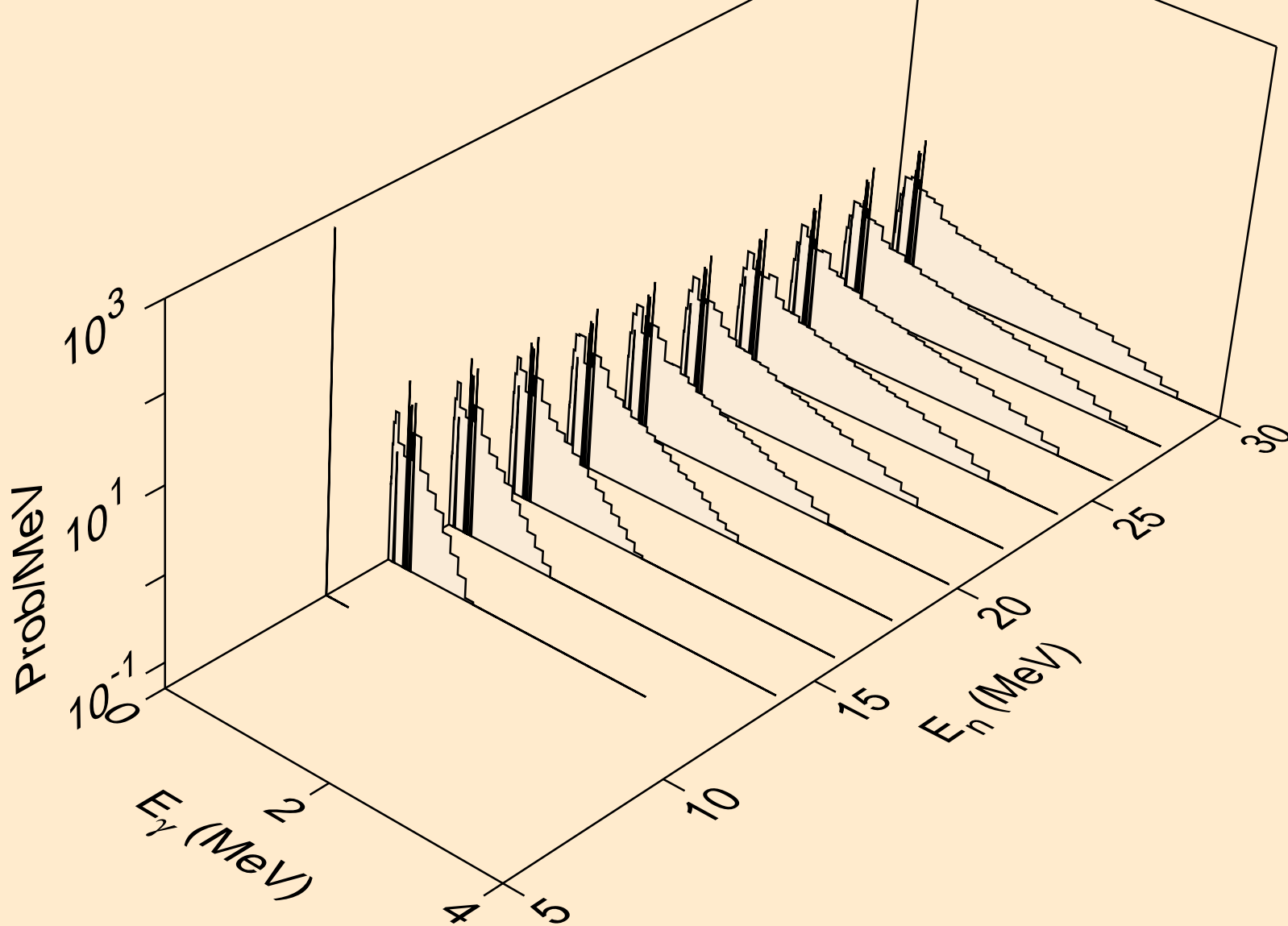
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



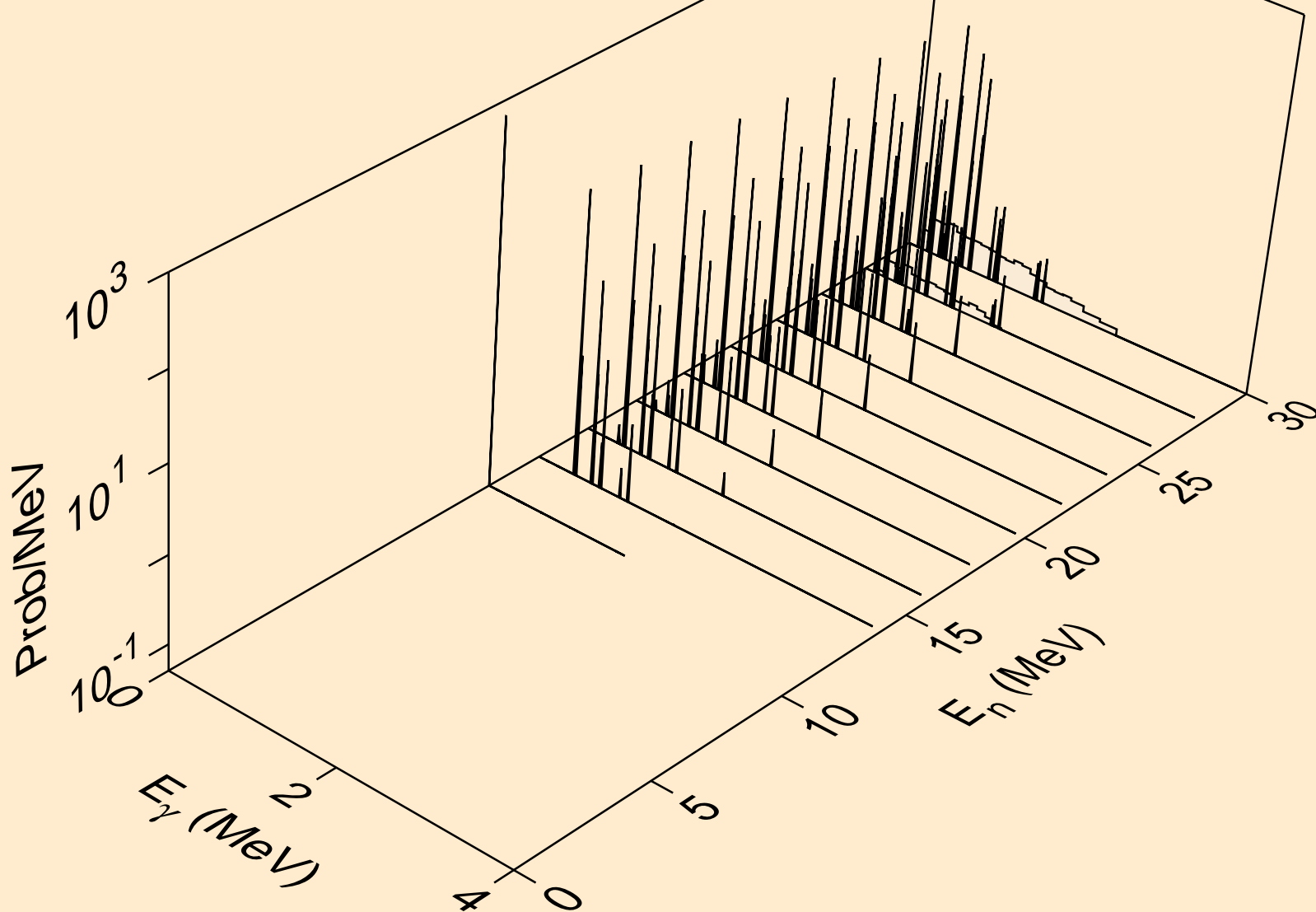
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



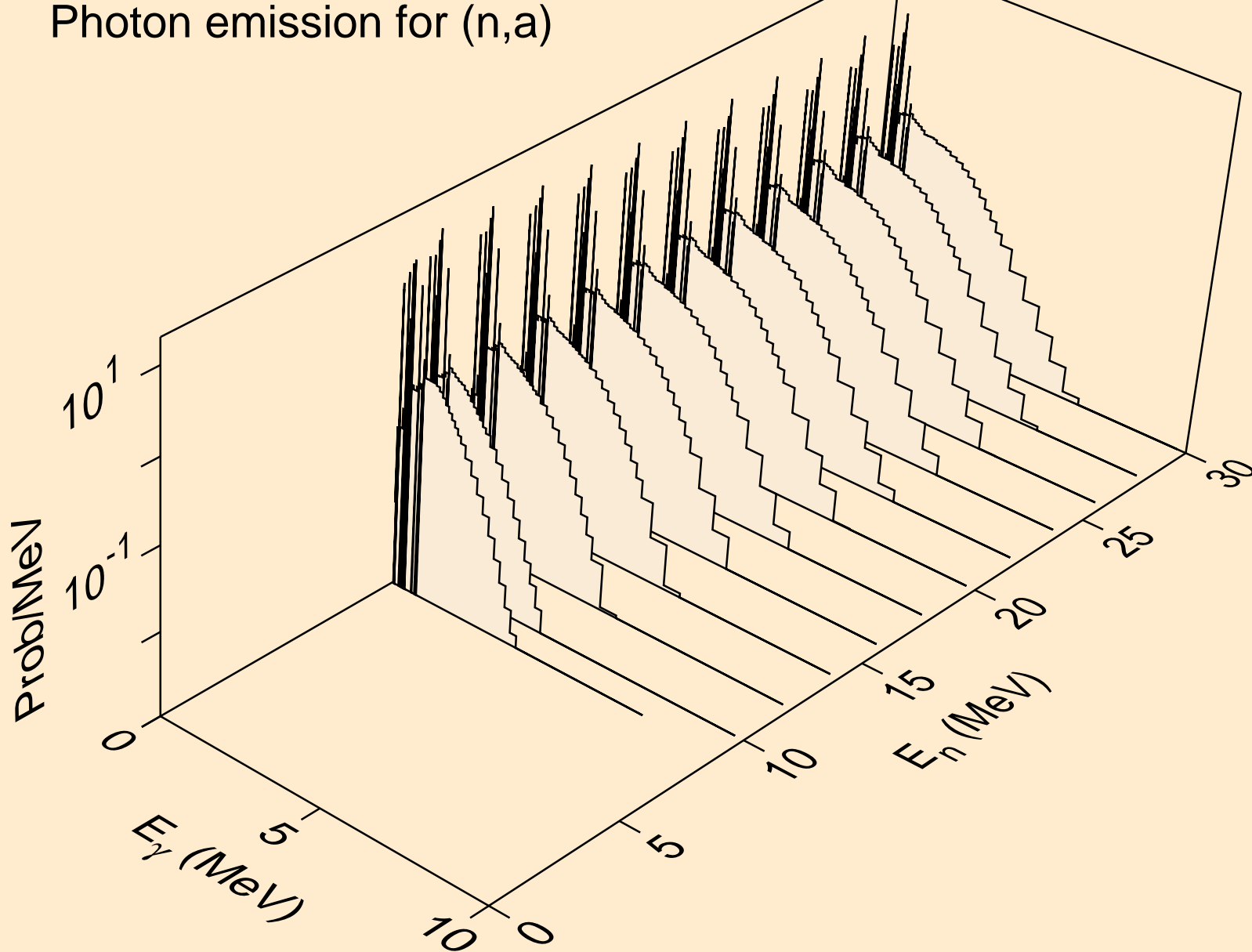
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



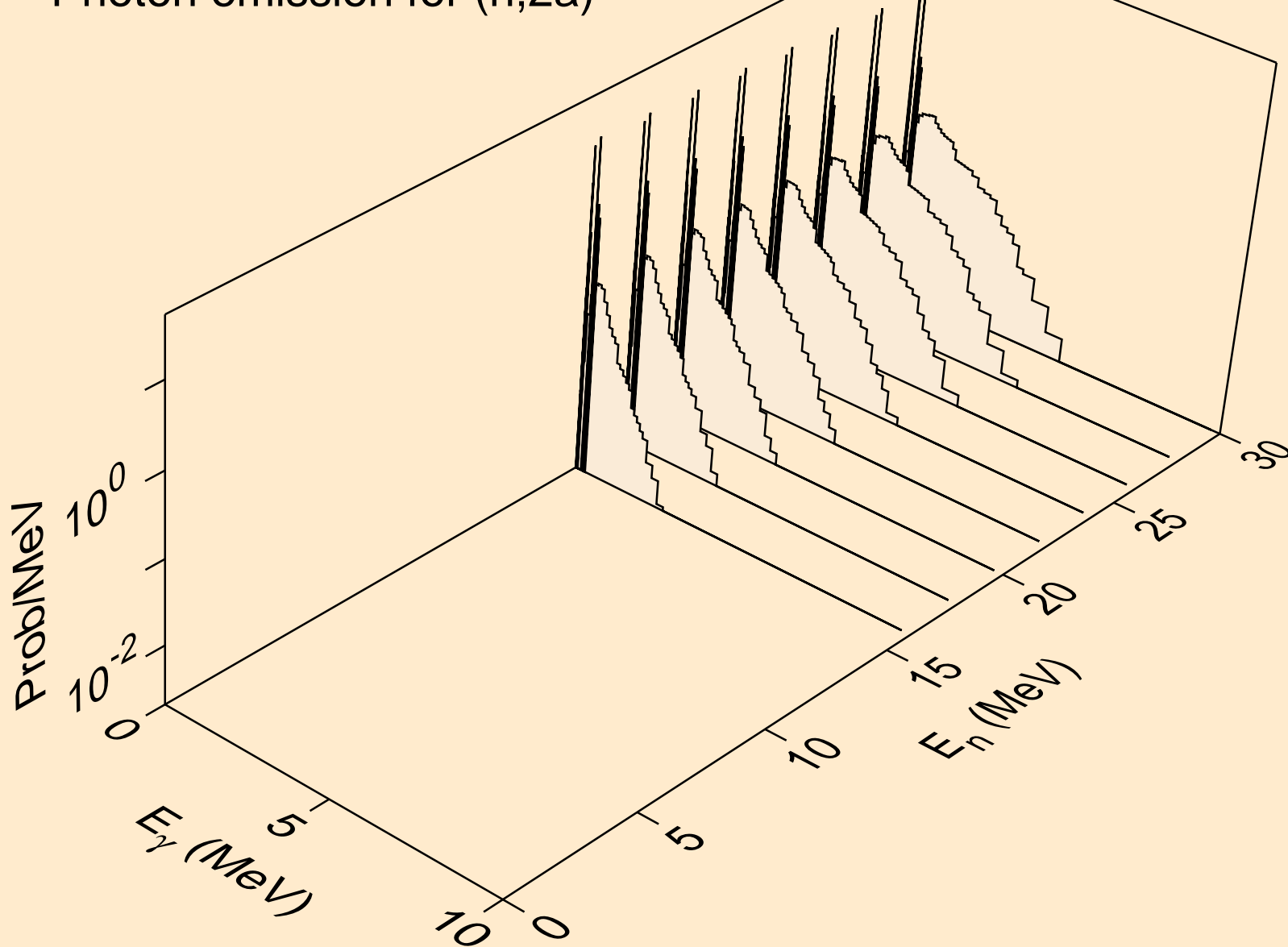
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



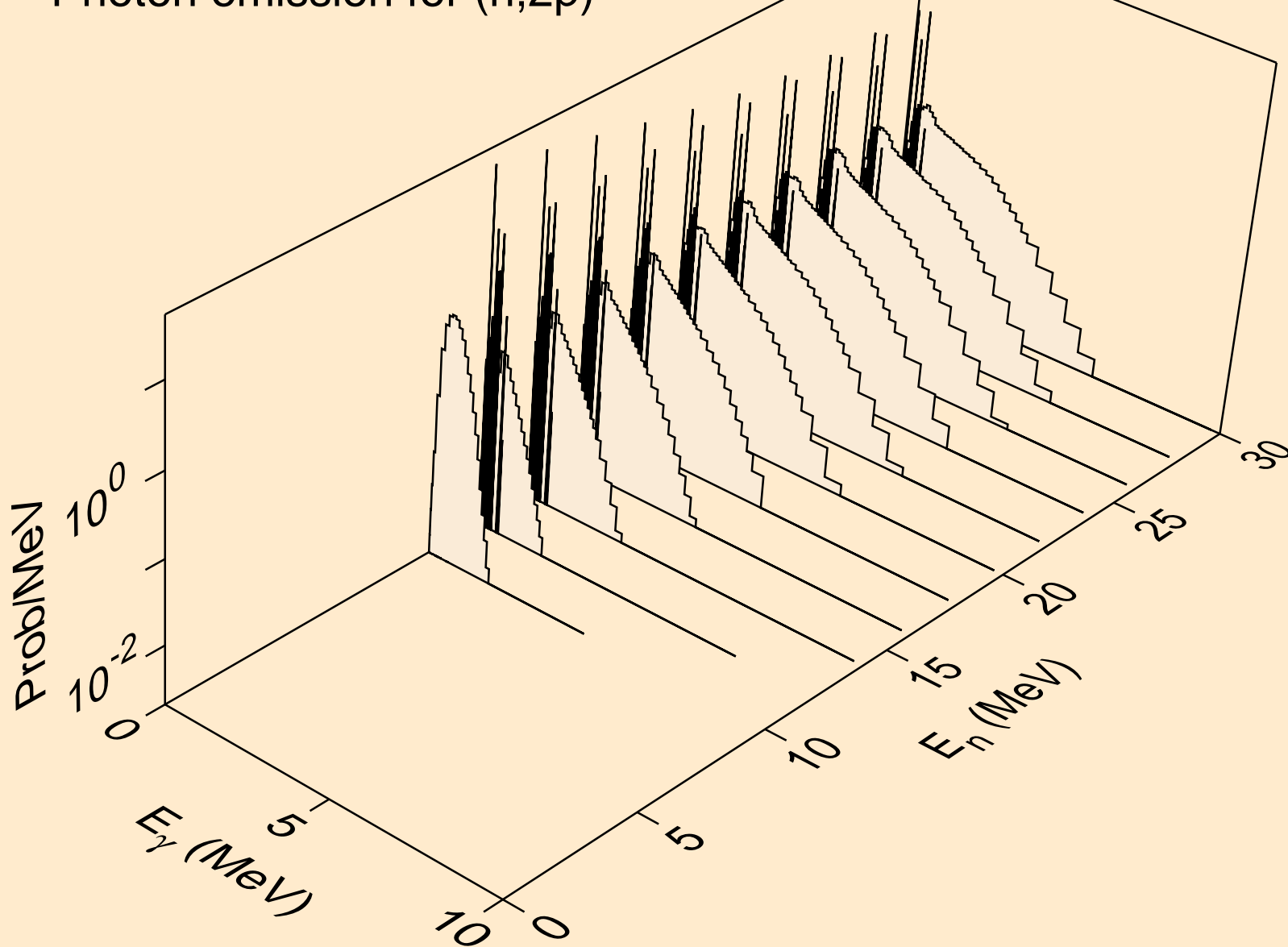
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



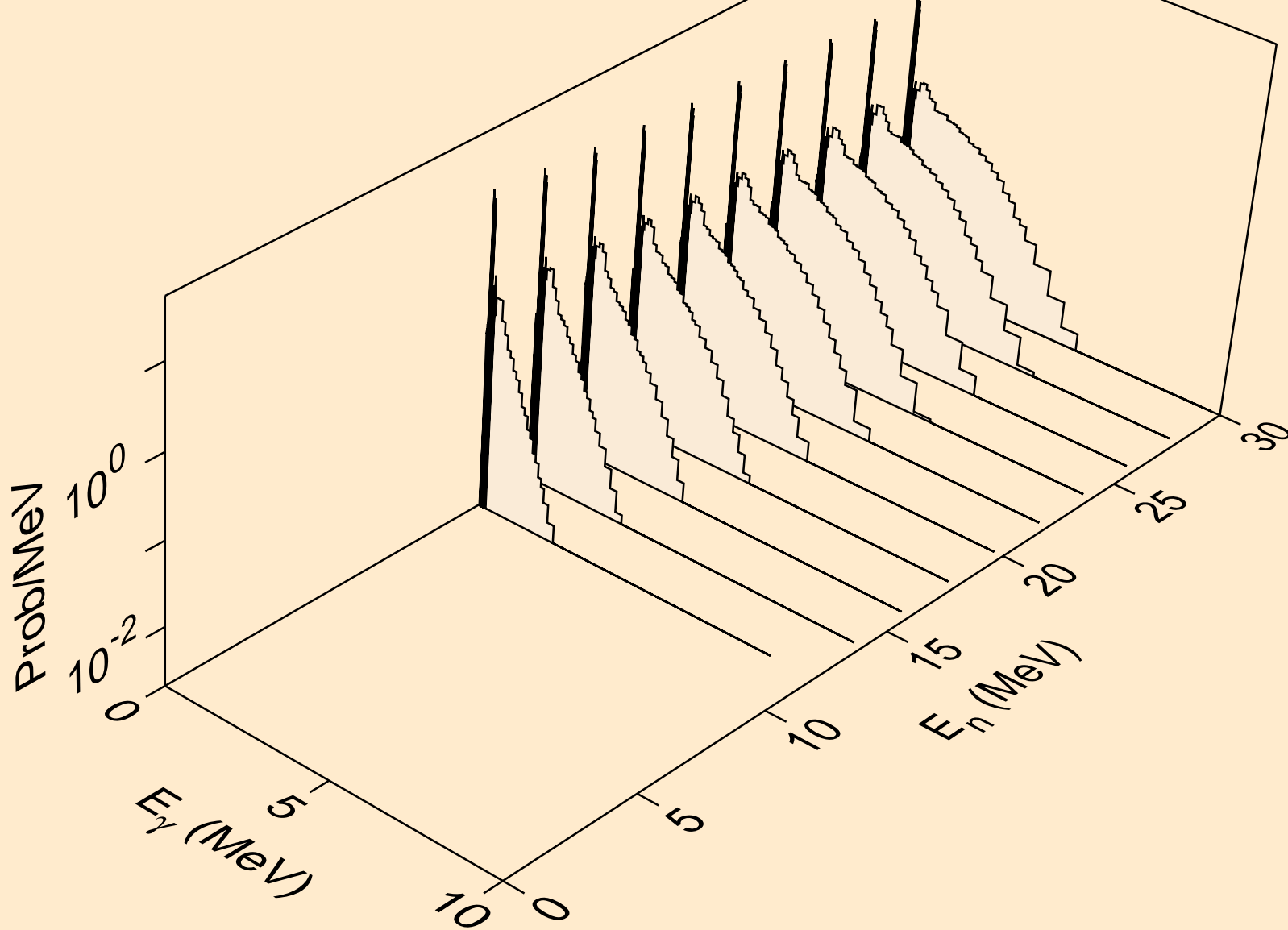
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



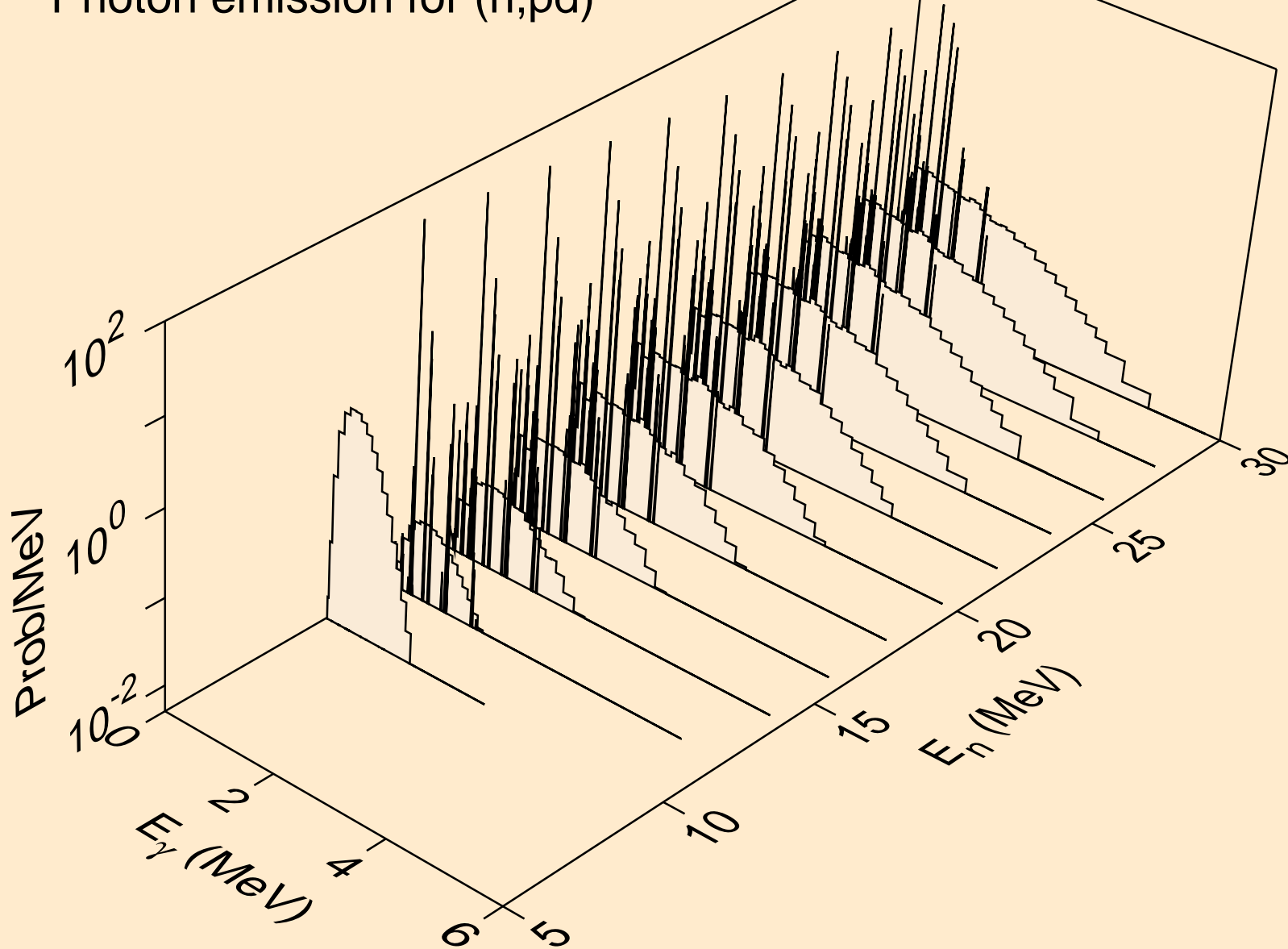
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



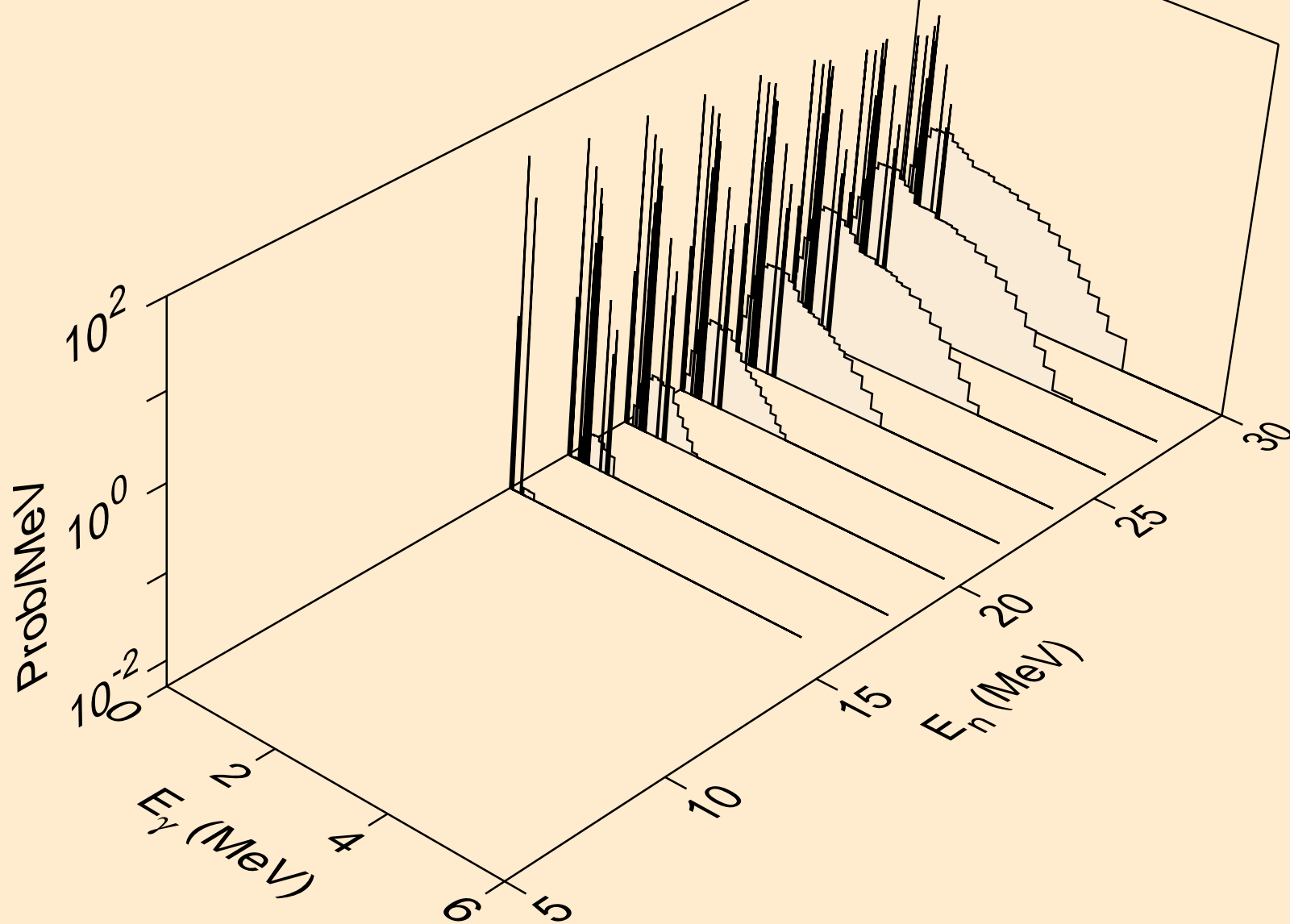
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



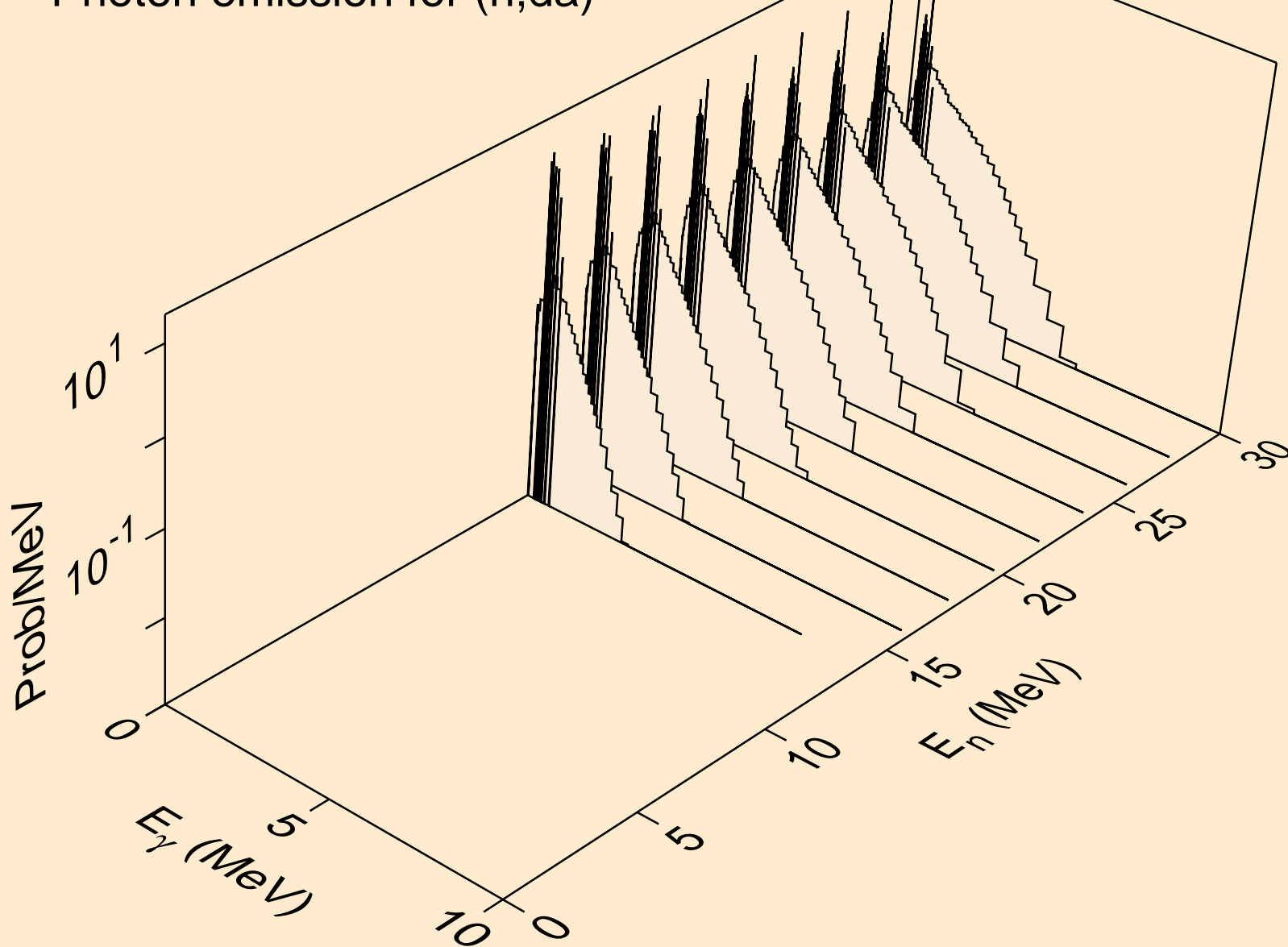
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

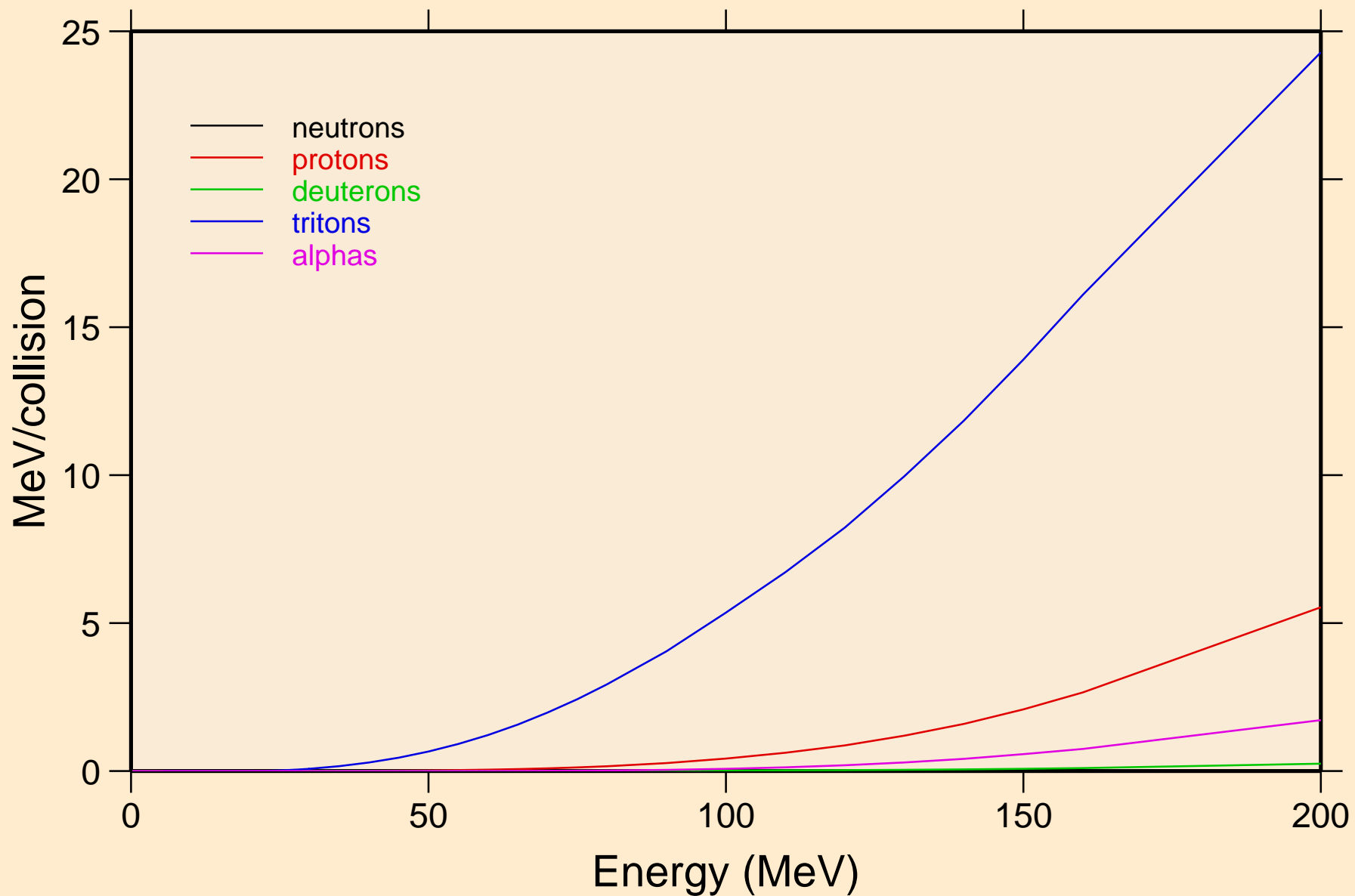


HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

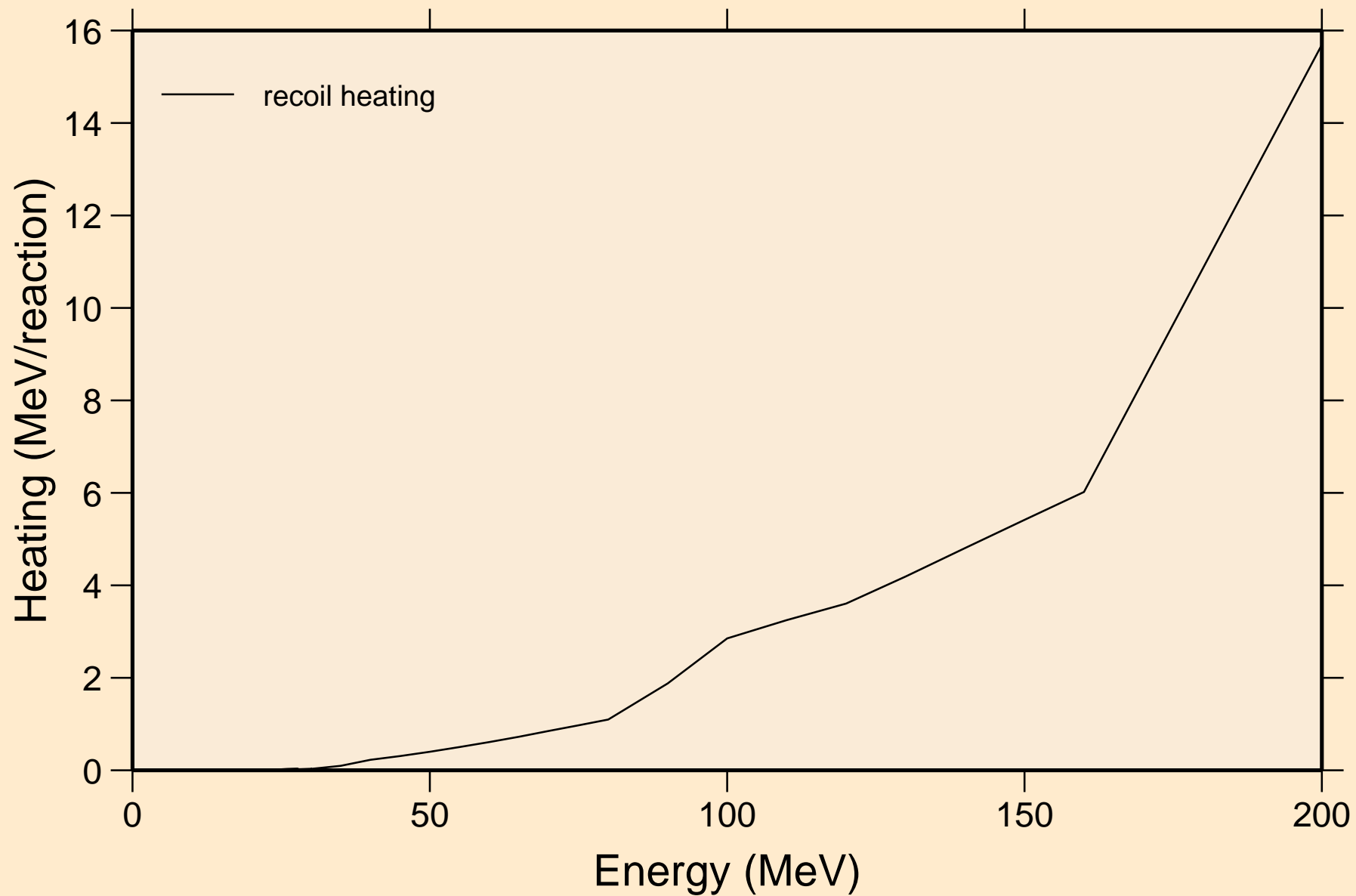


# HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K

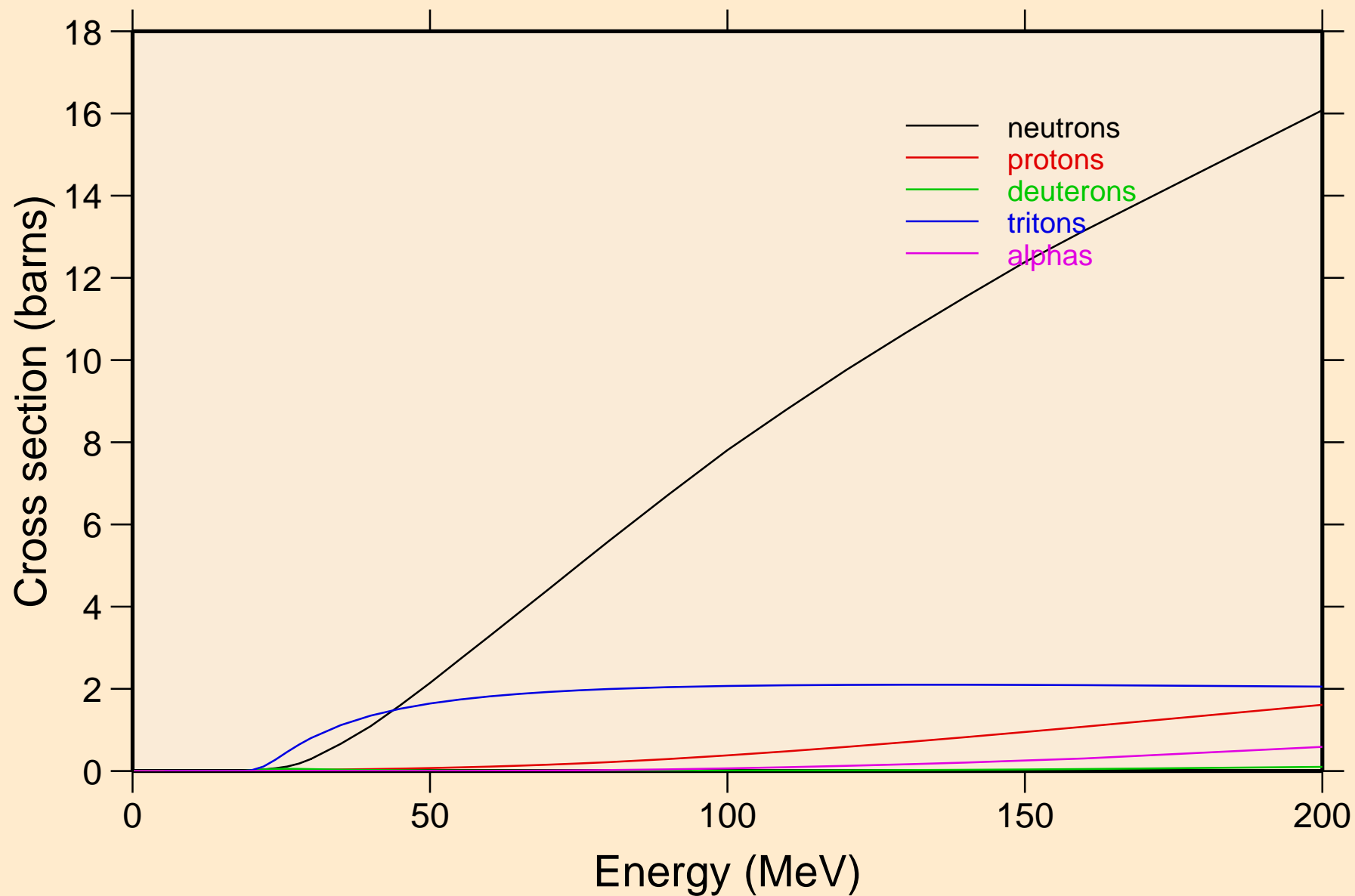
## Particle heating contributions



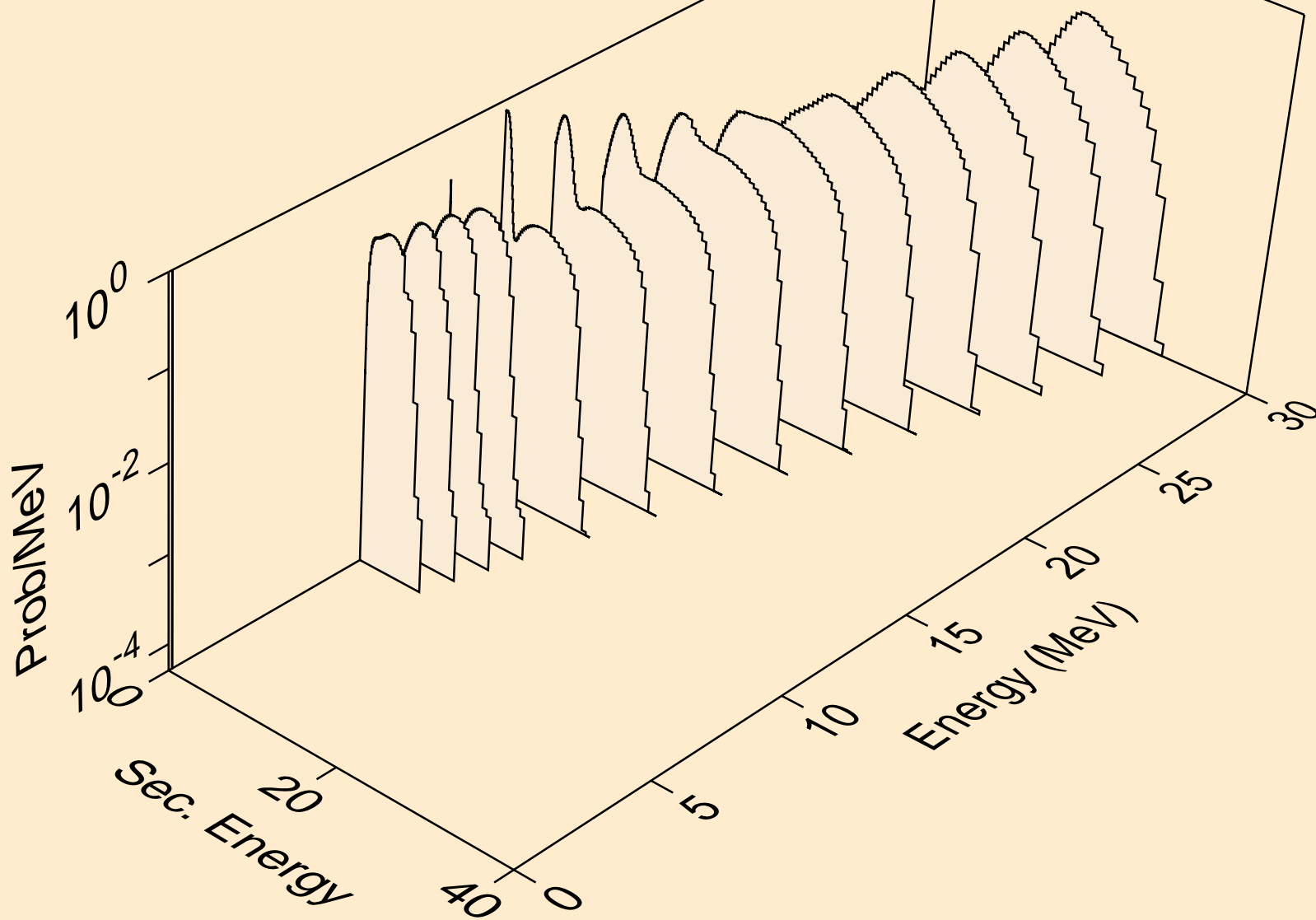
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



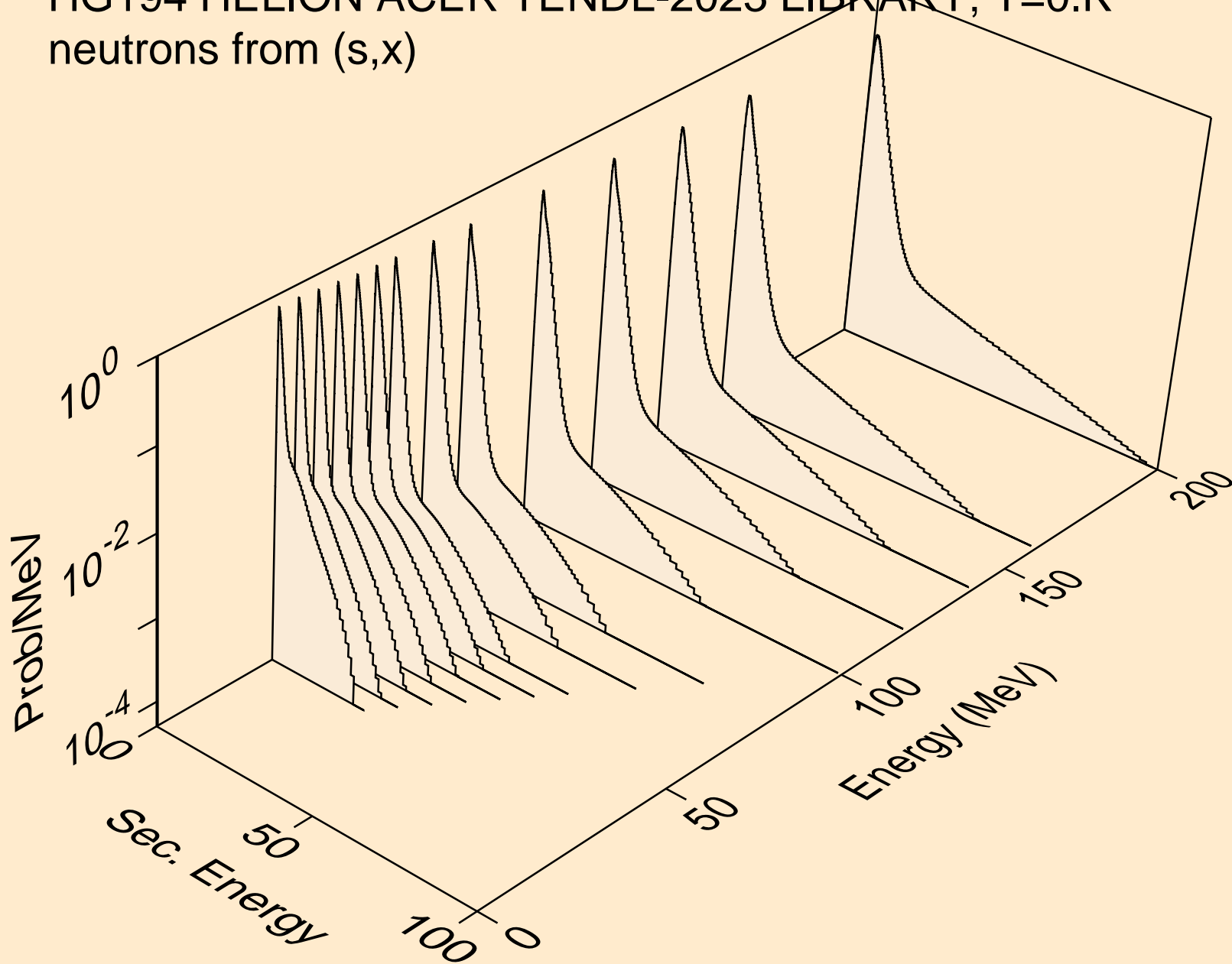
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



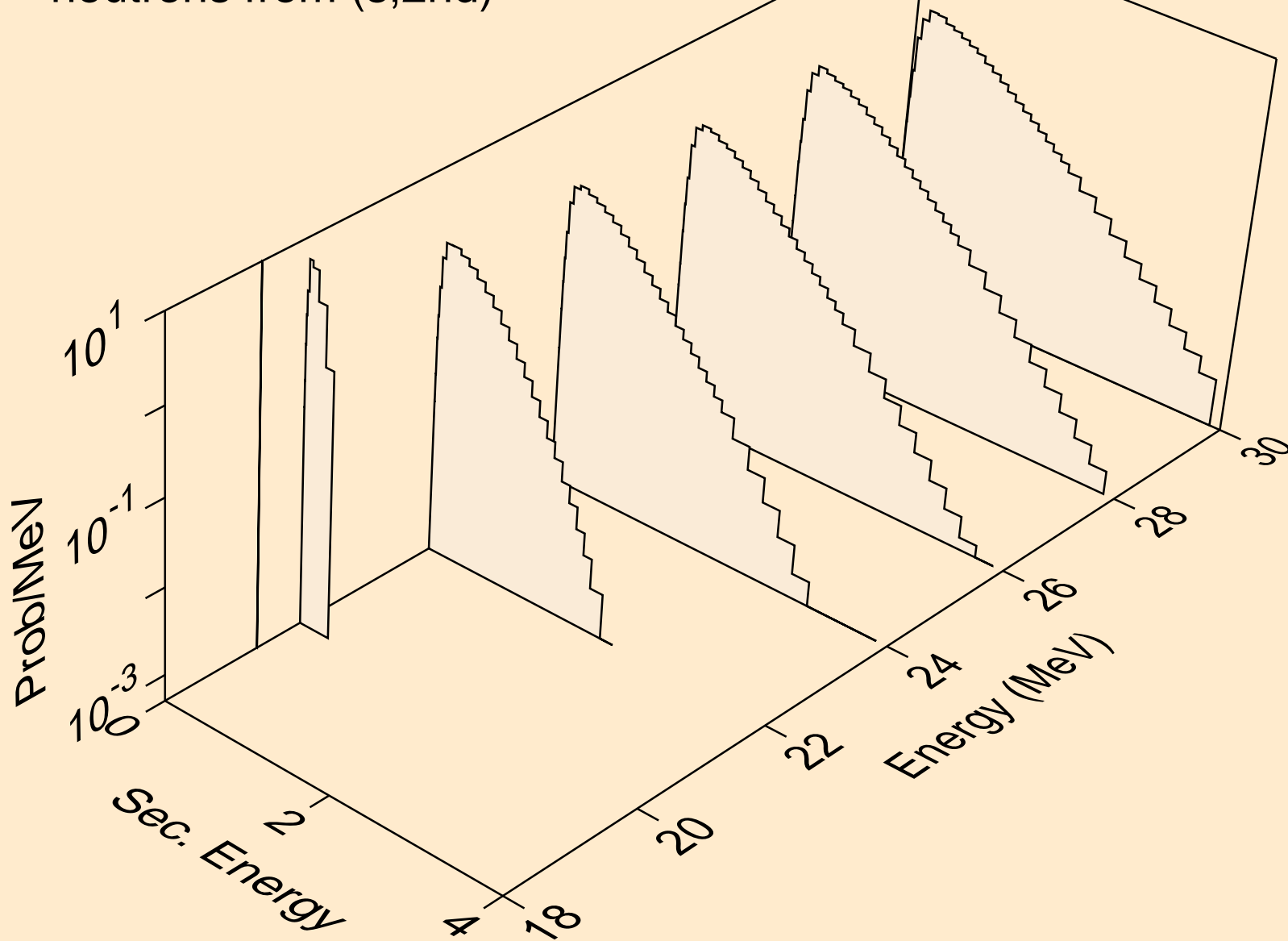
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



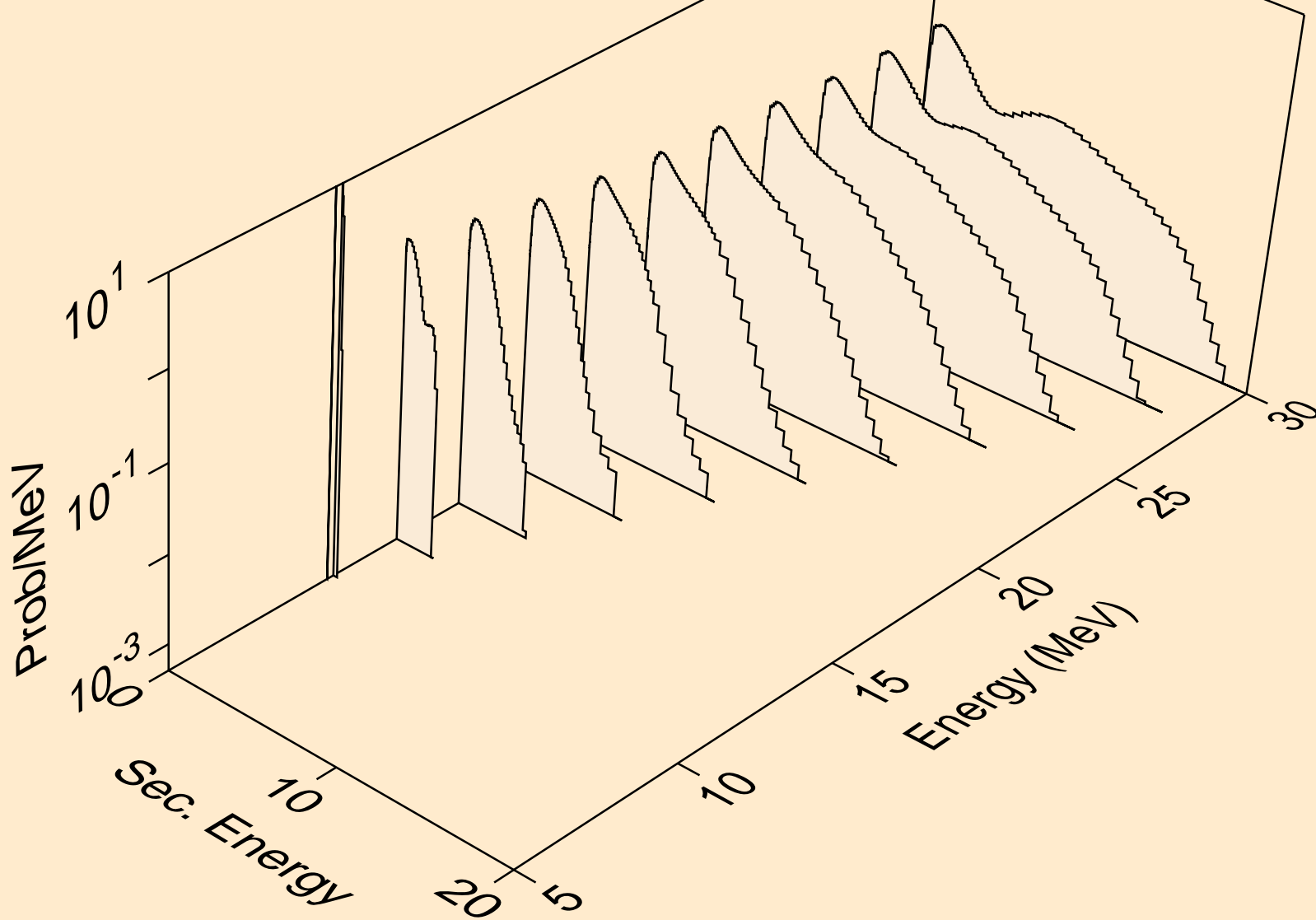
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



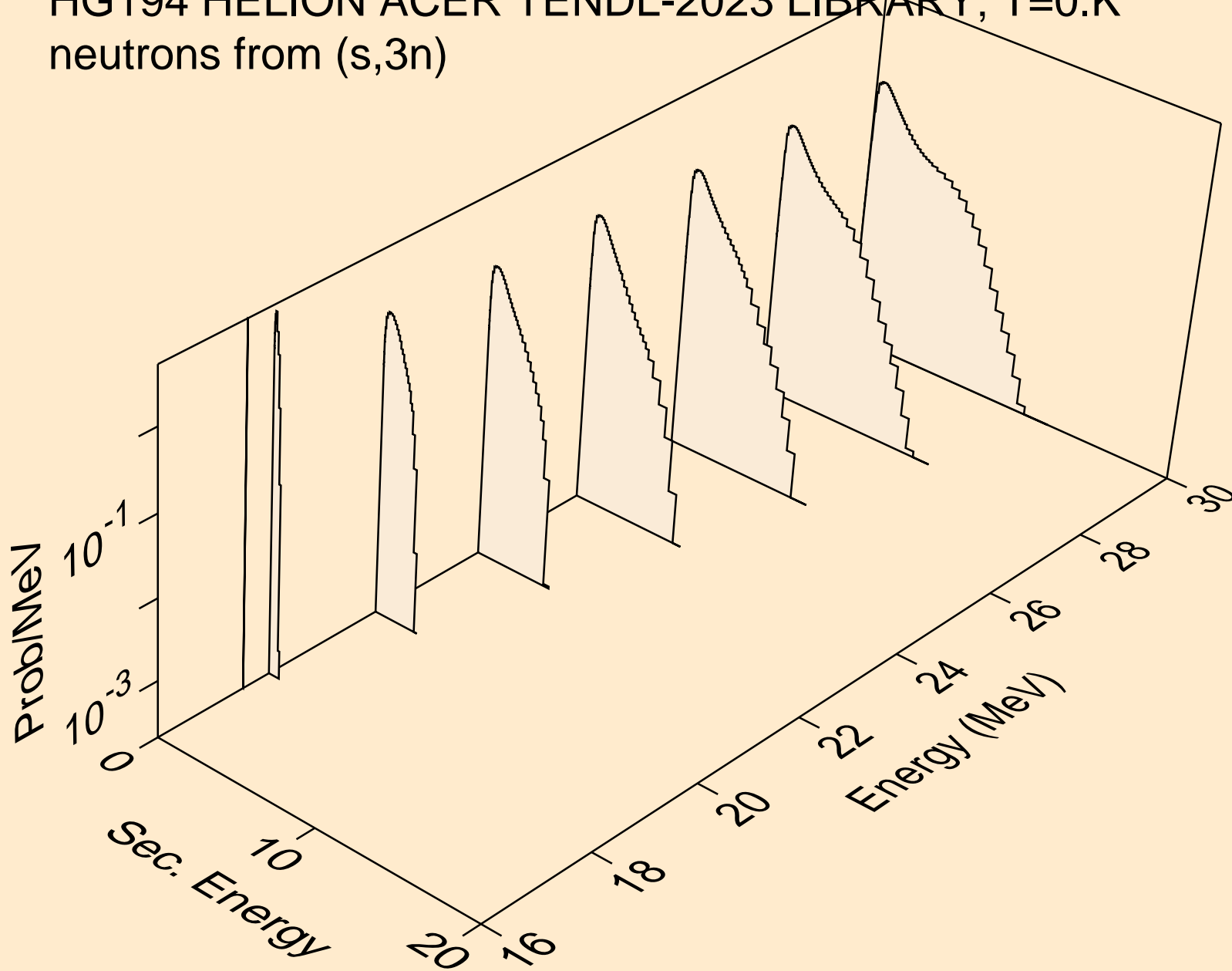
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



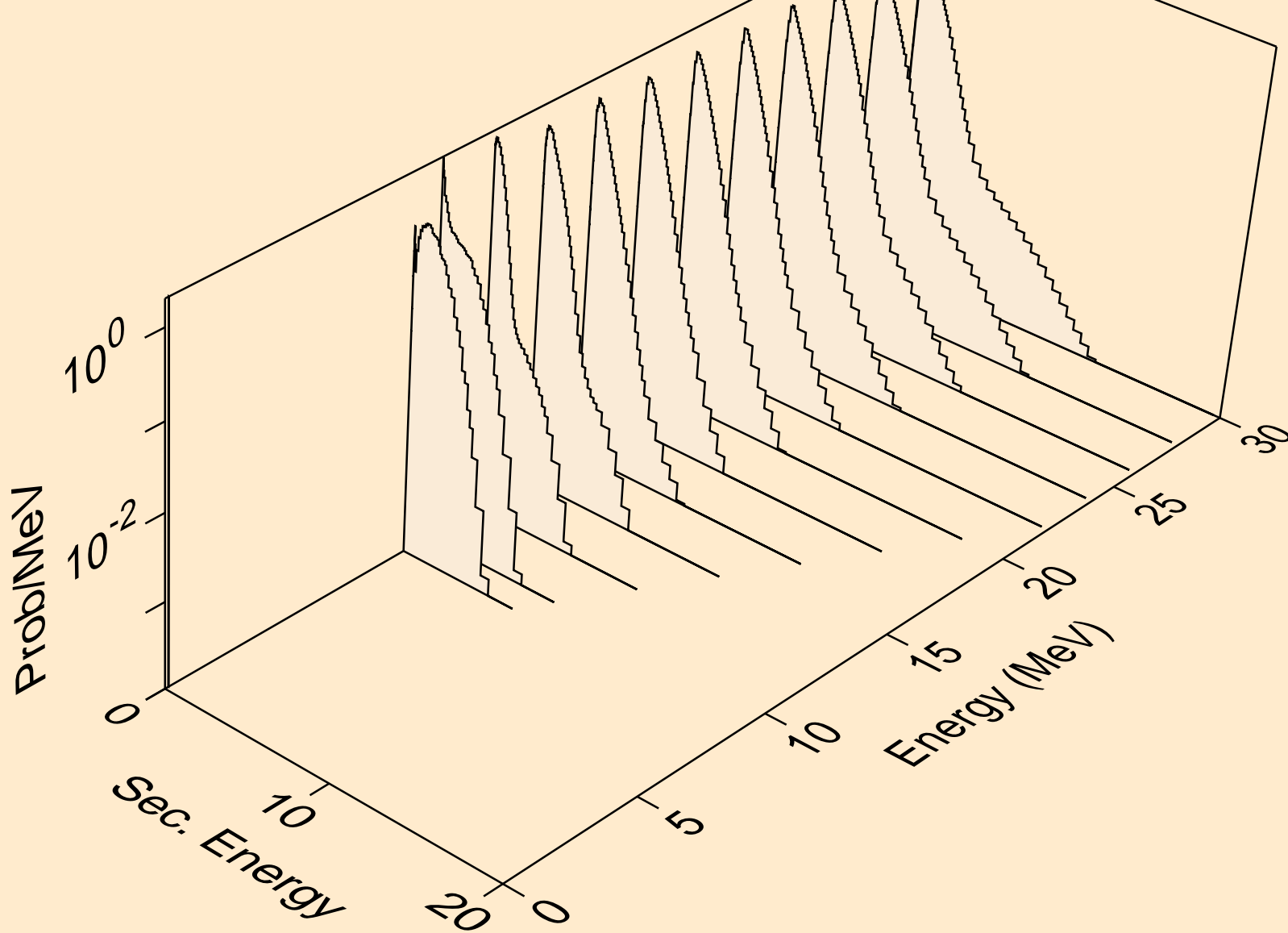
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



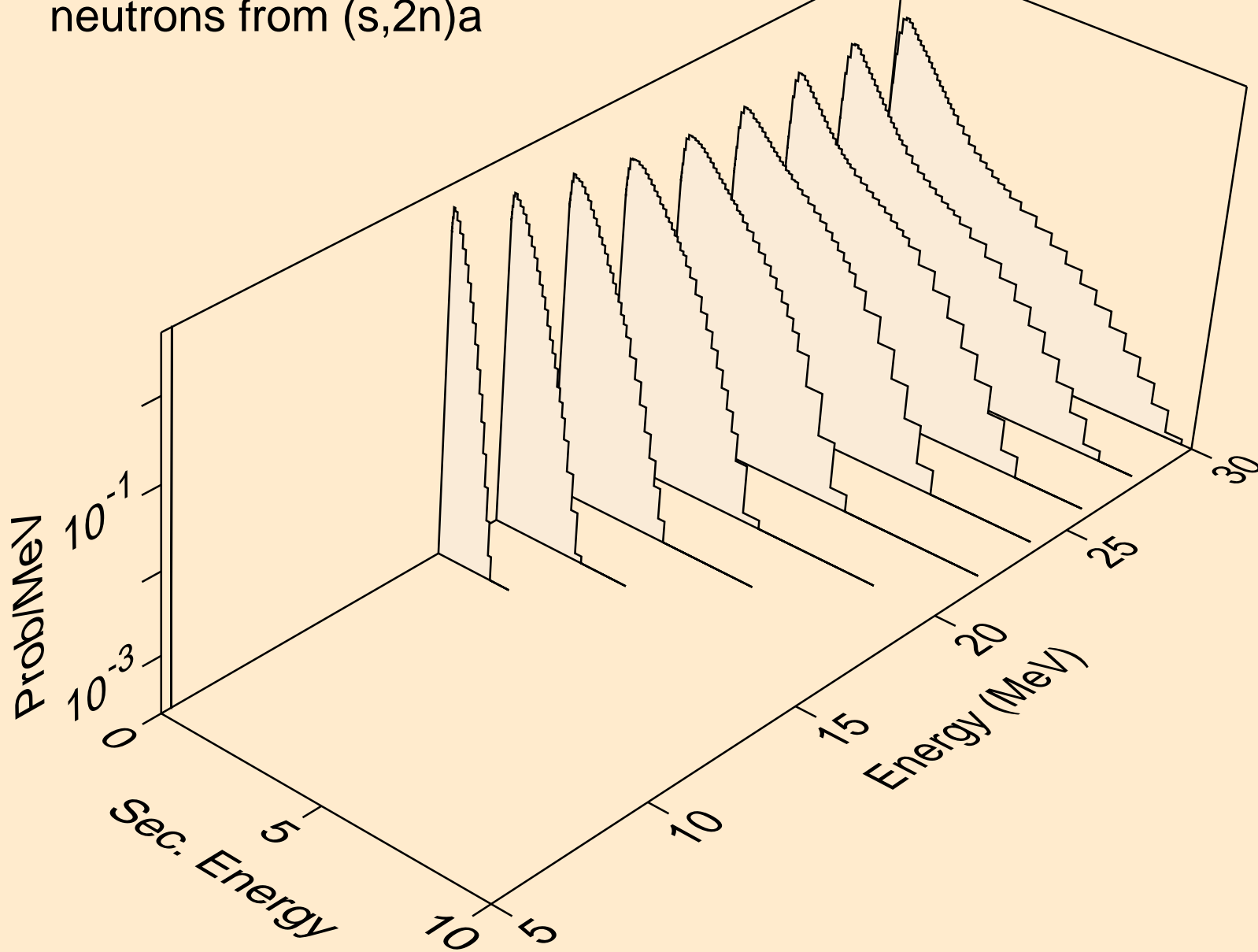
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



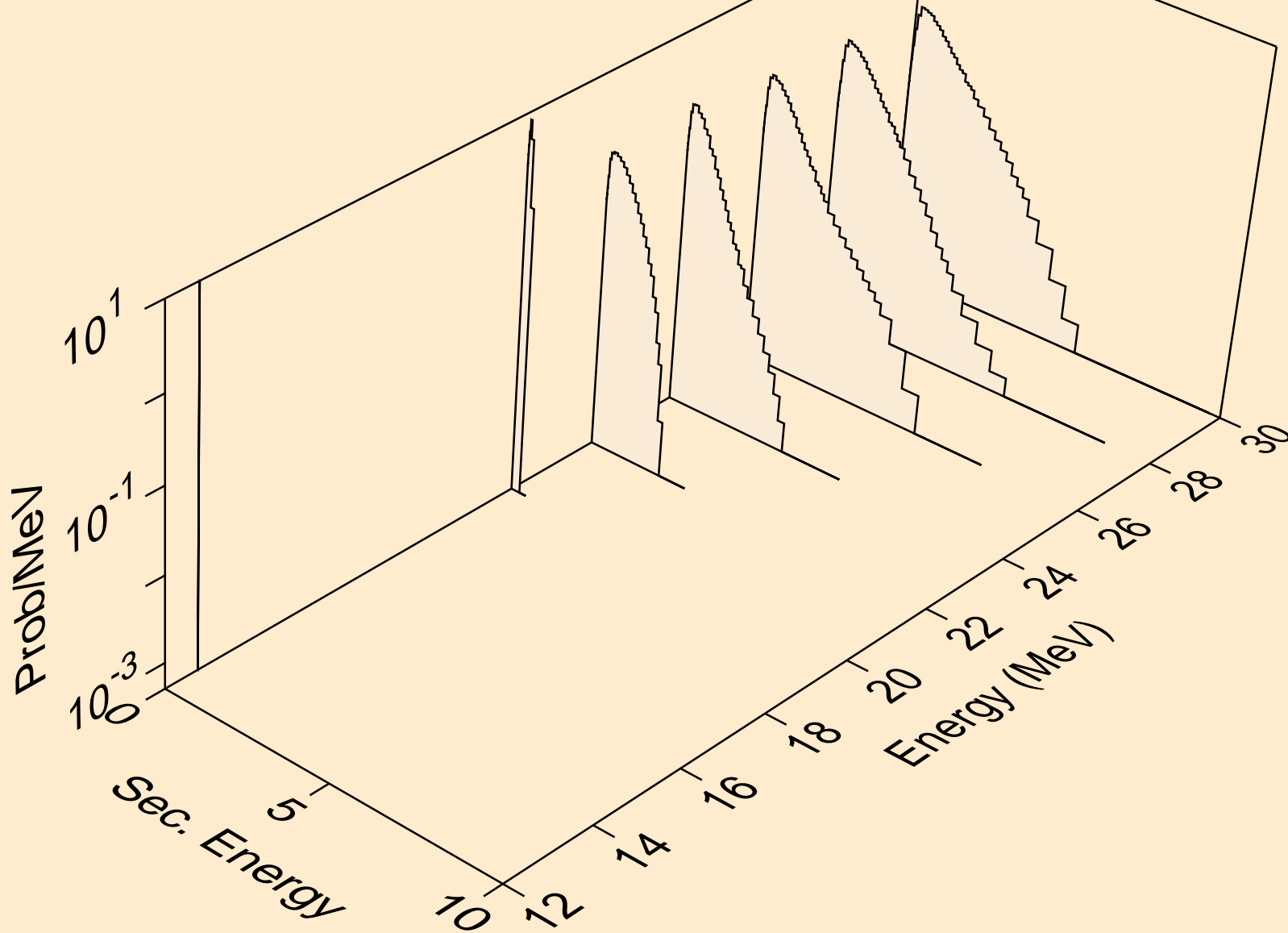
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



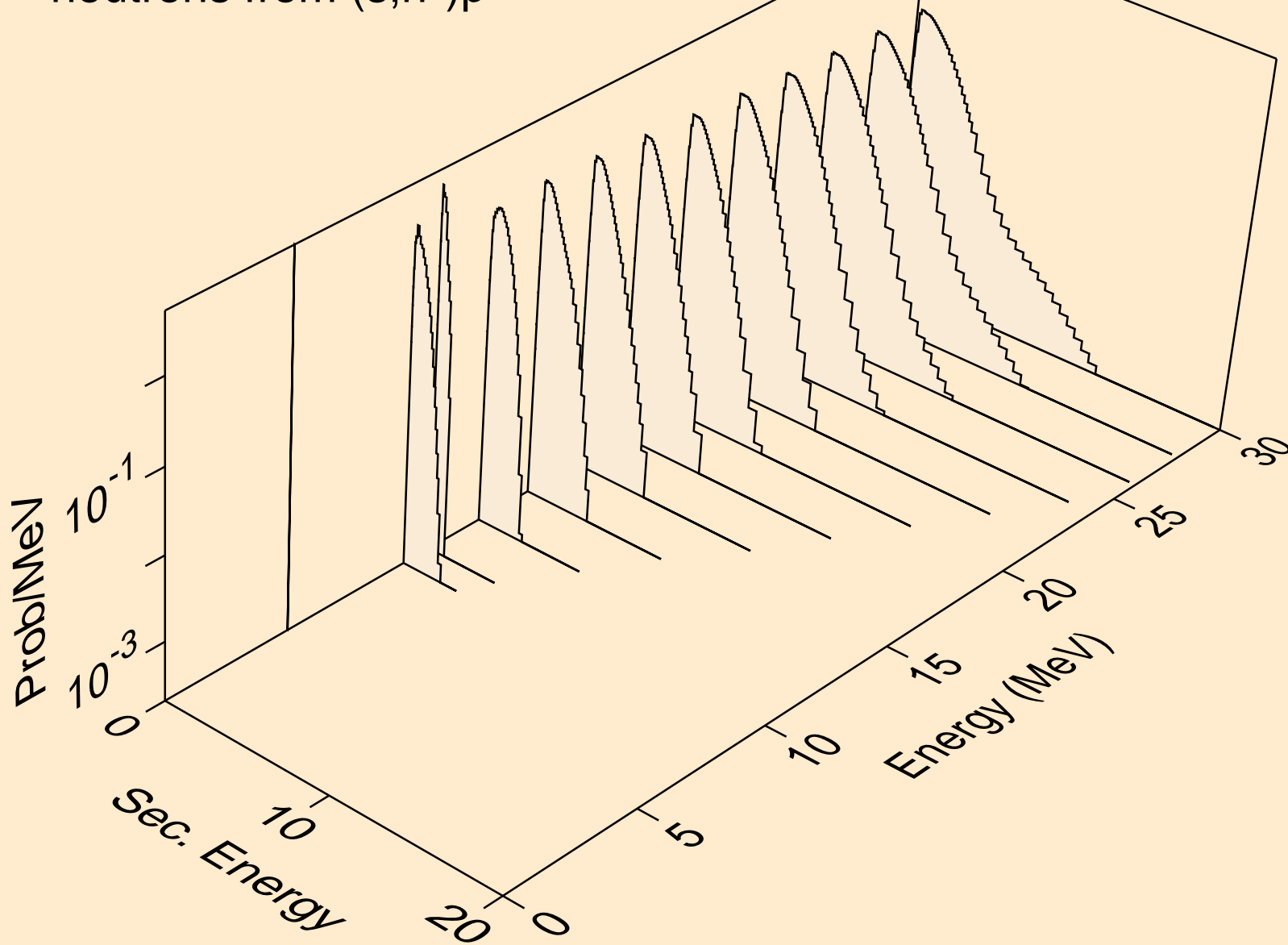
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



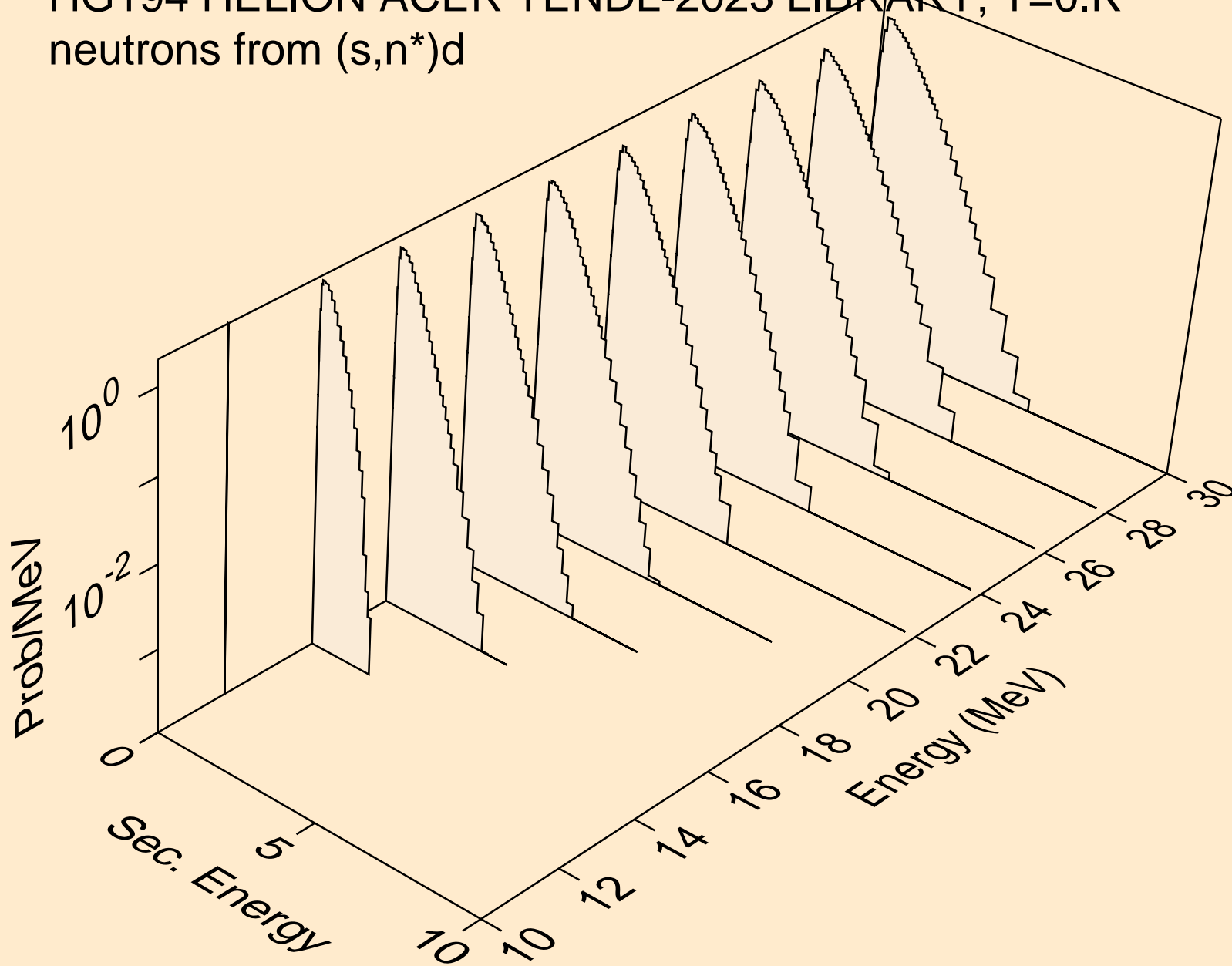
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



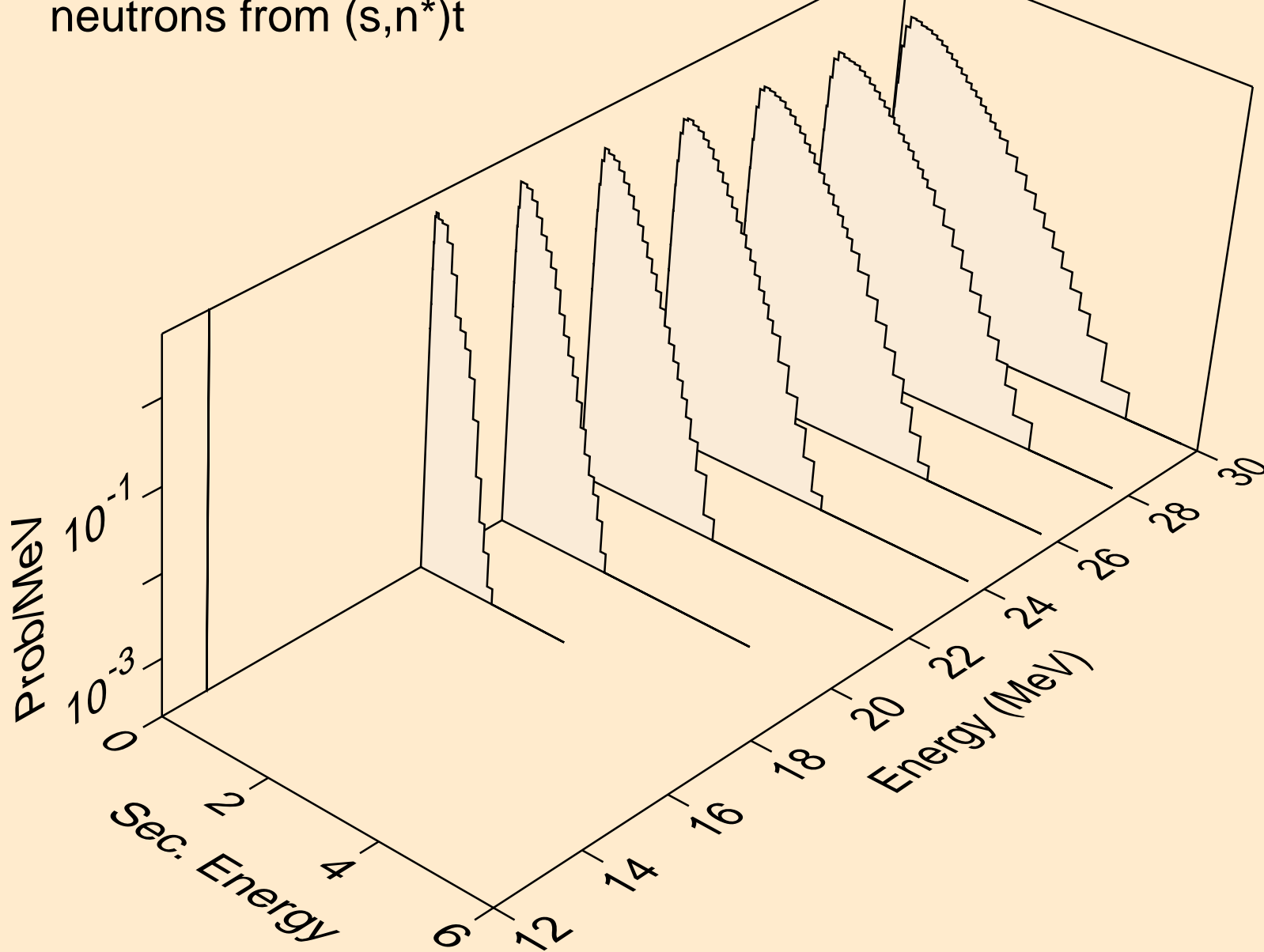
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



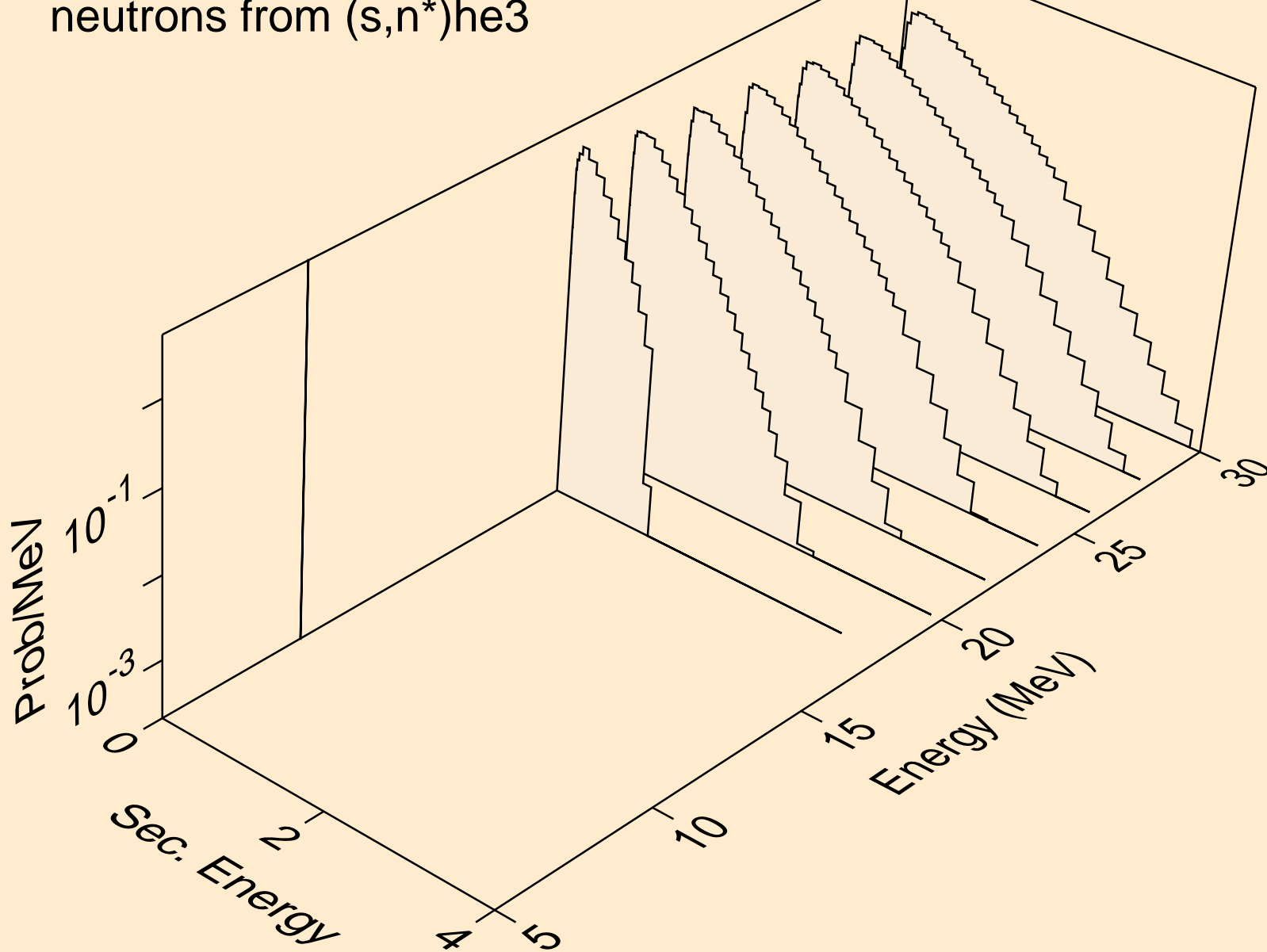
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



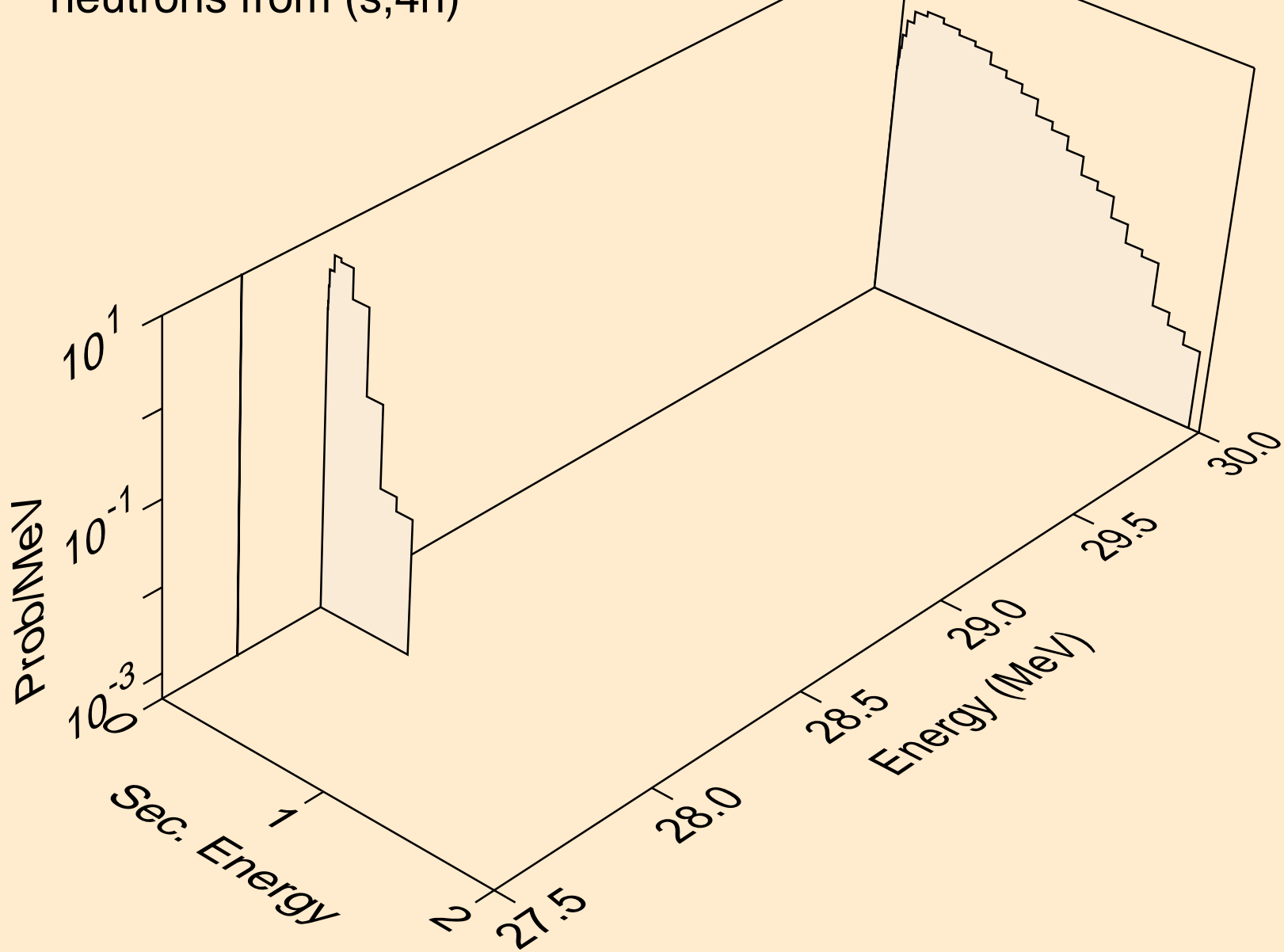
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



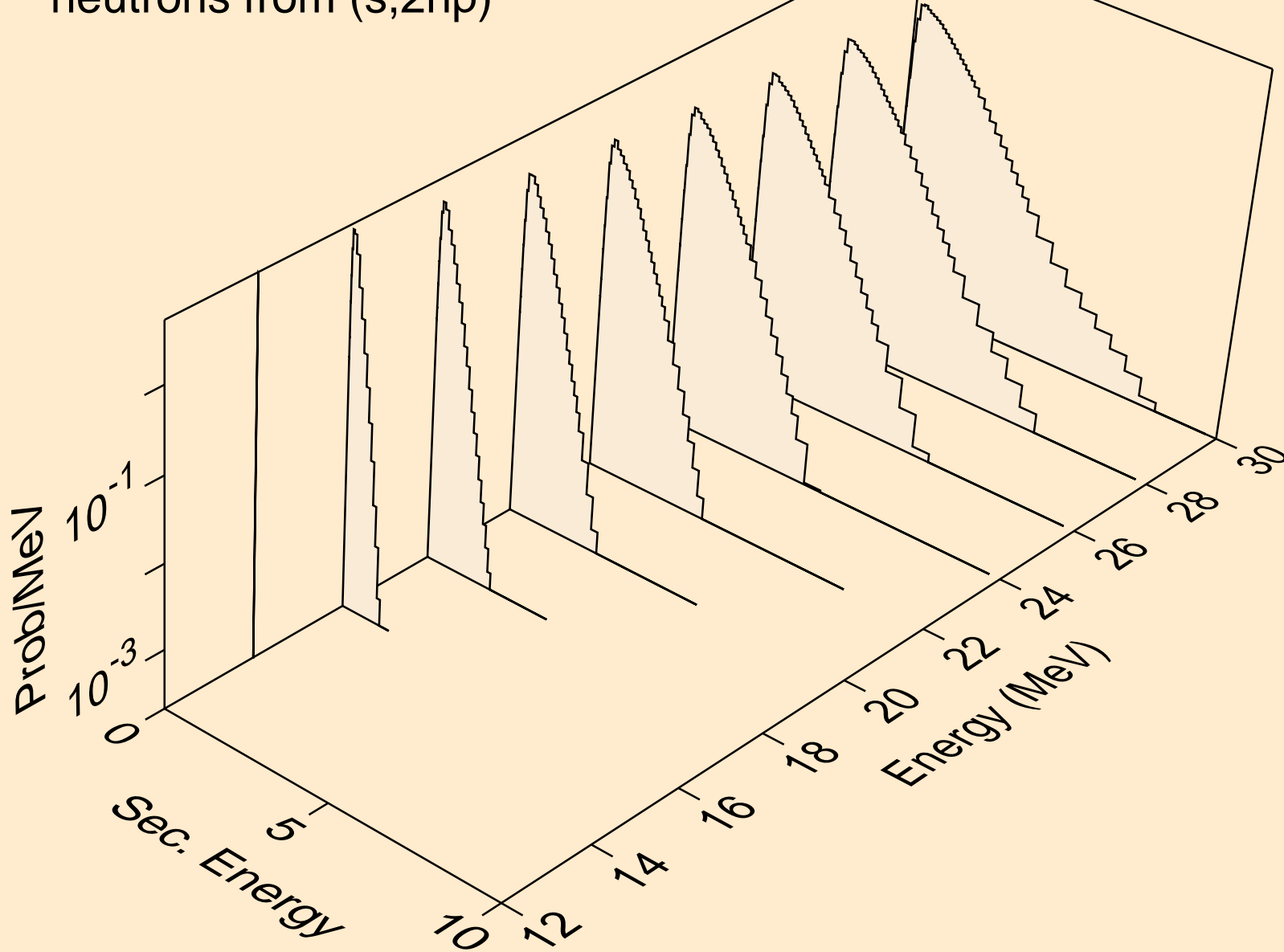
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



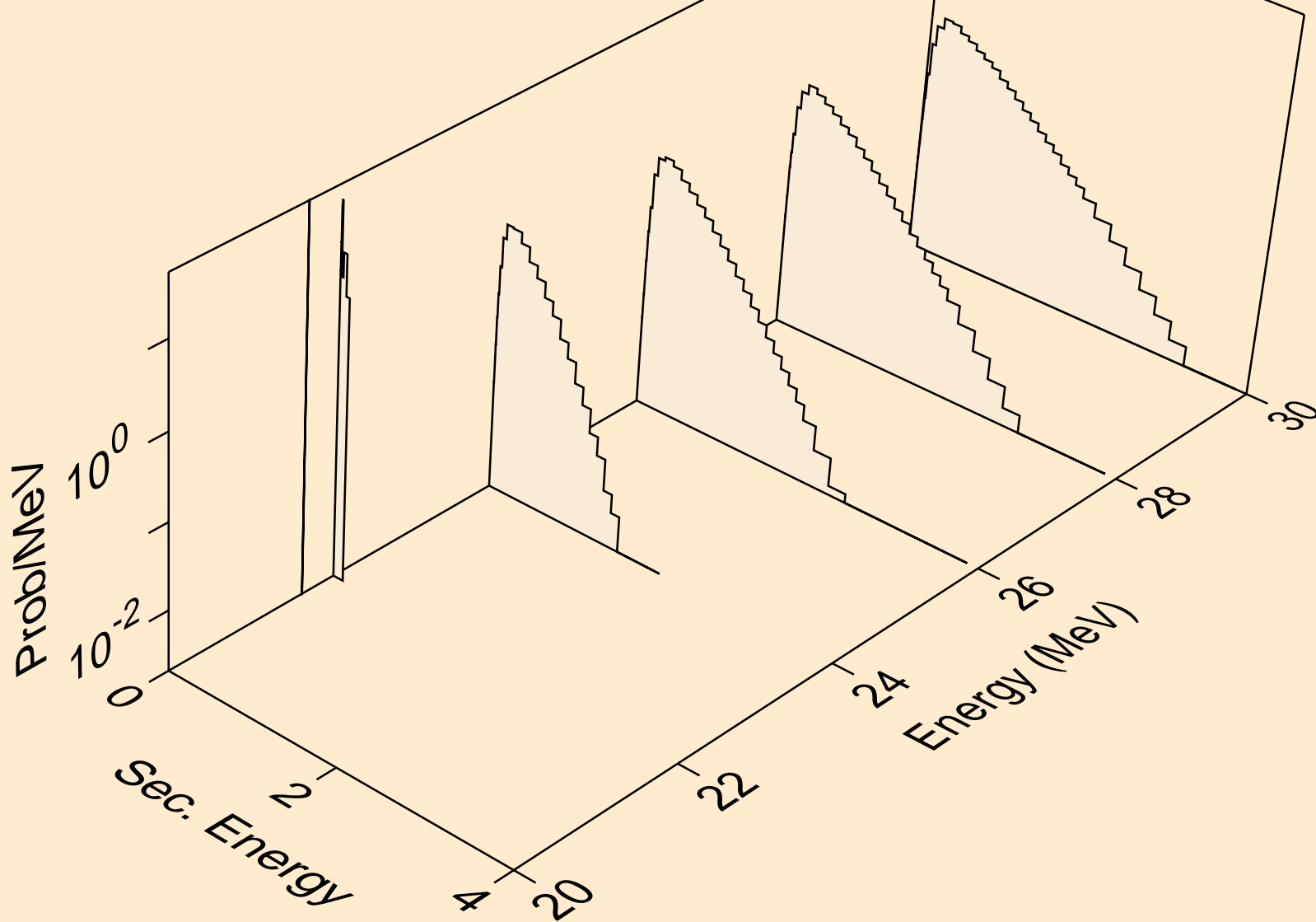
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)



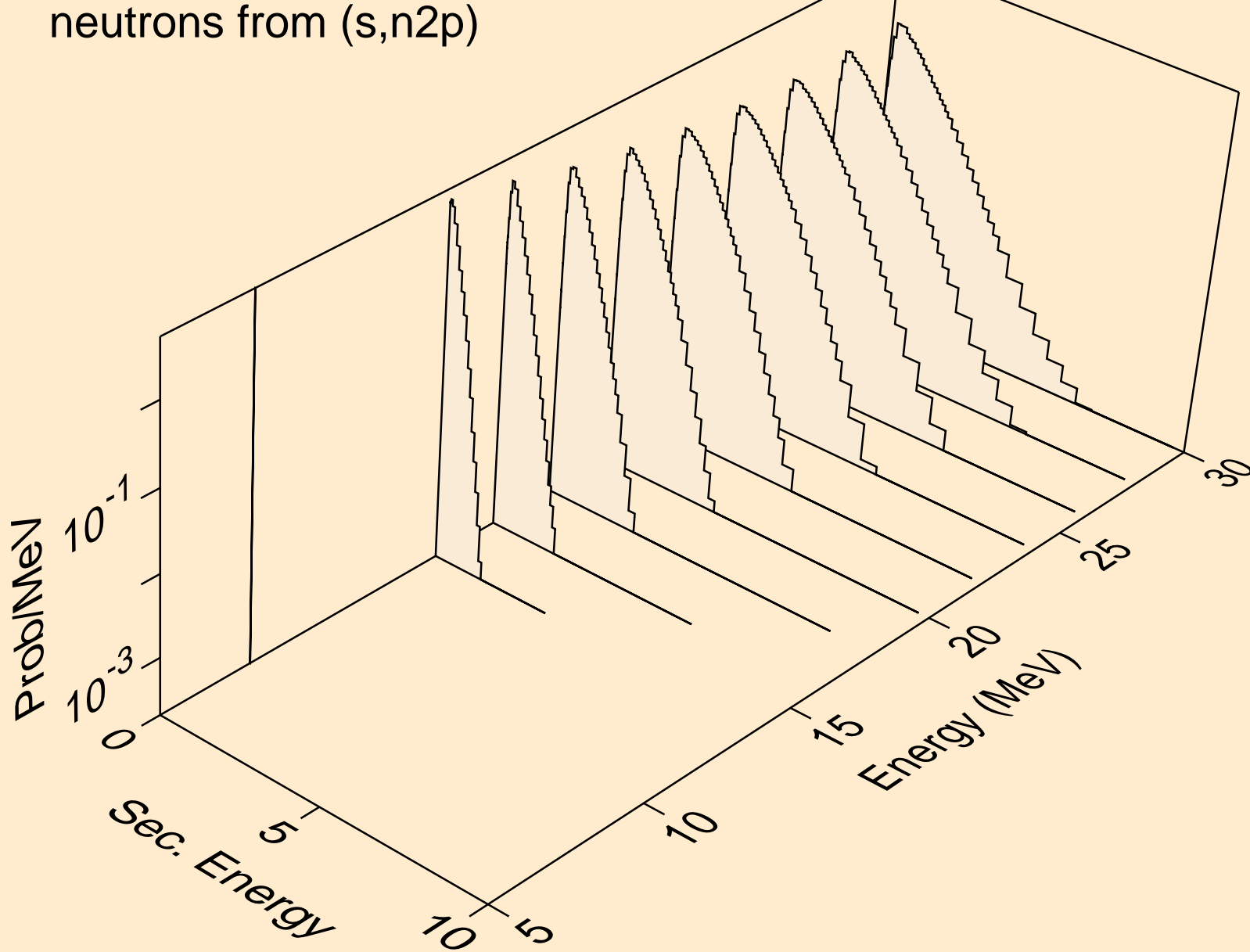
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



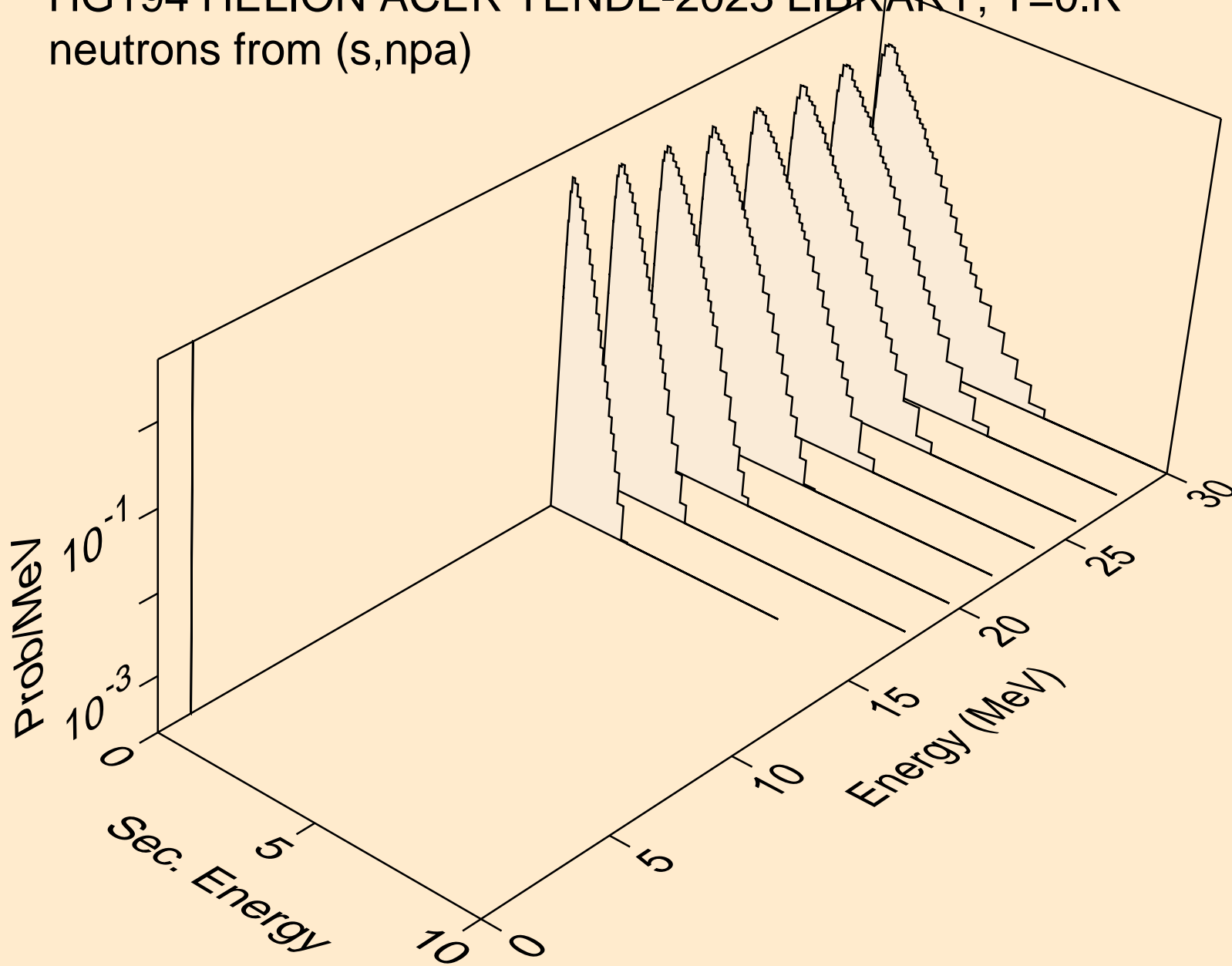
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)



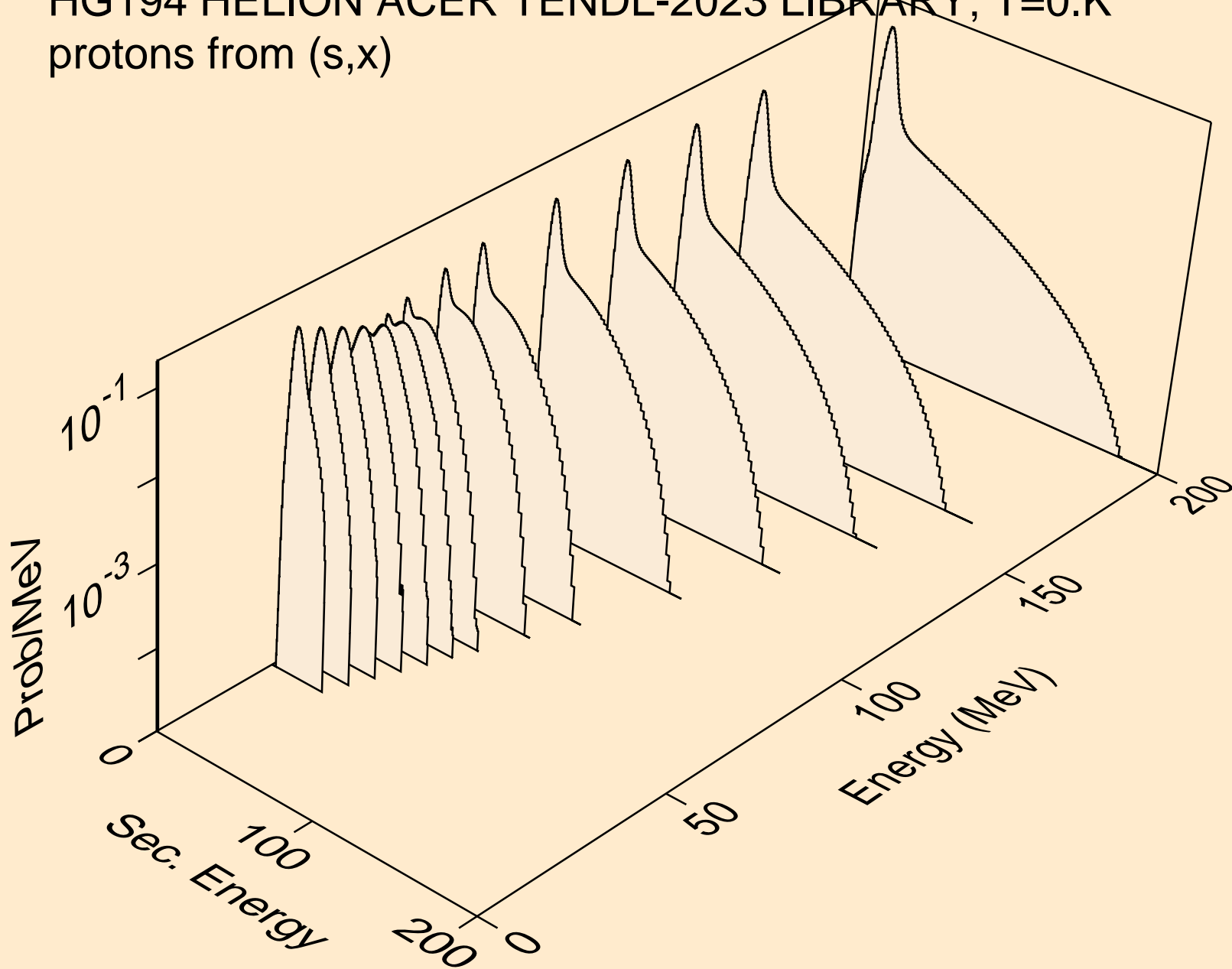
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



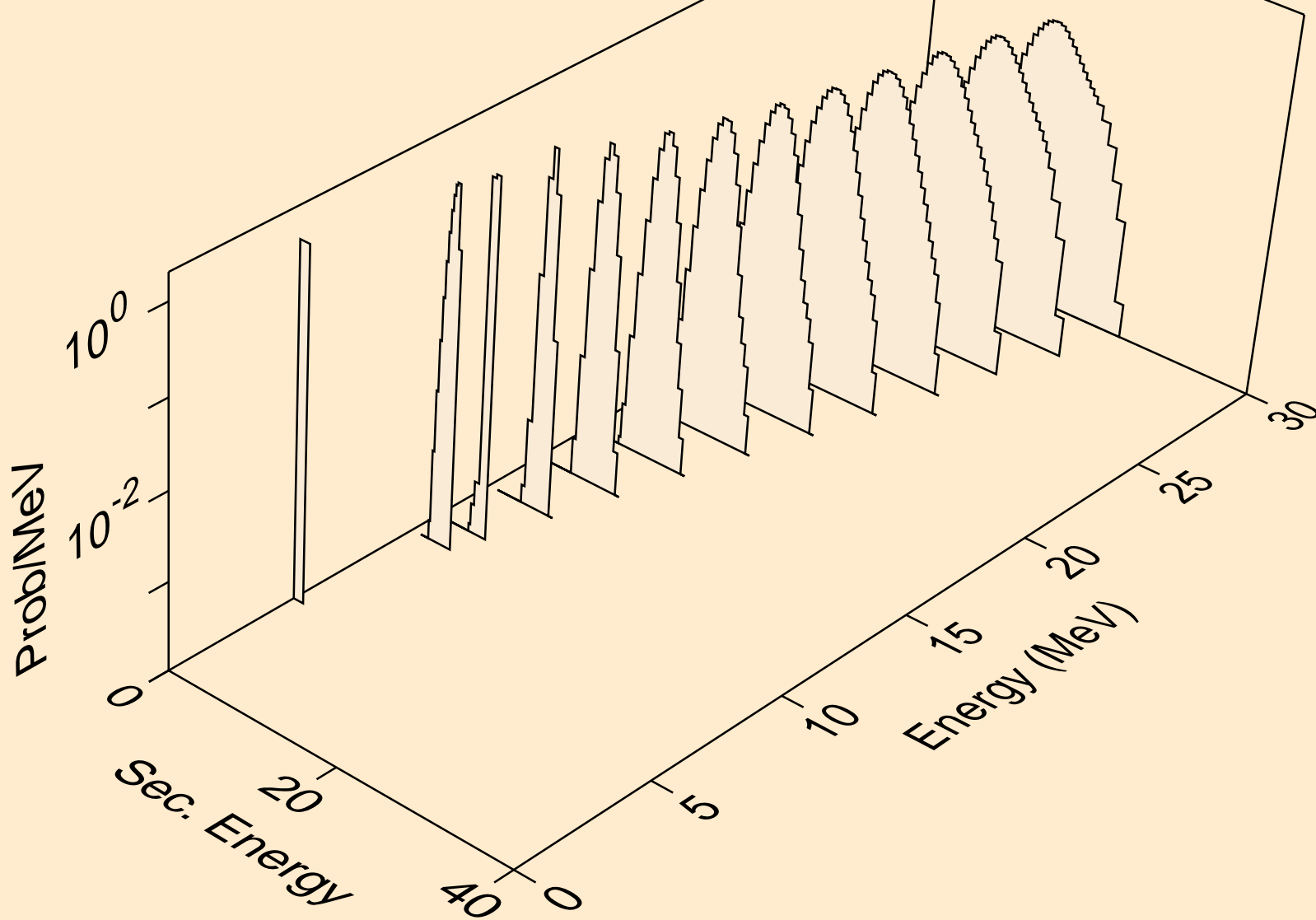
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



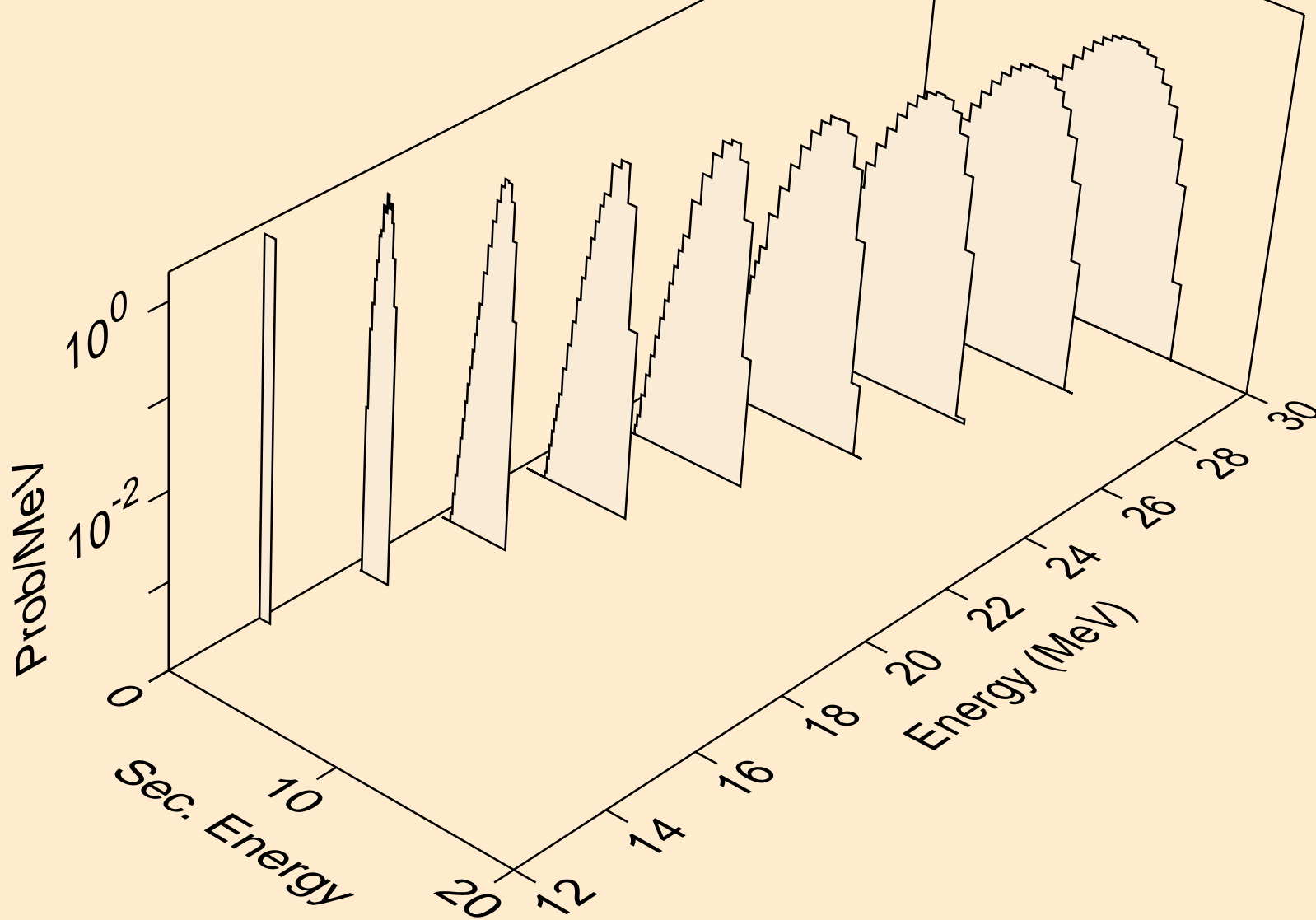
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



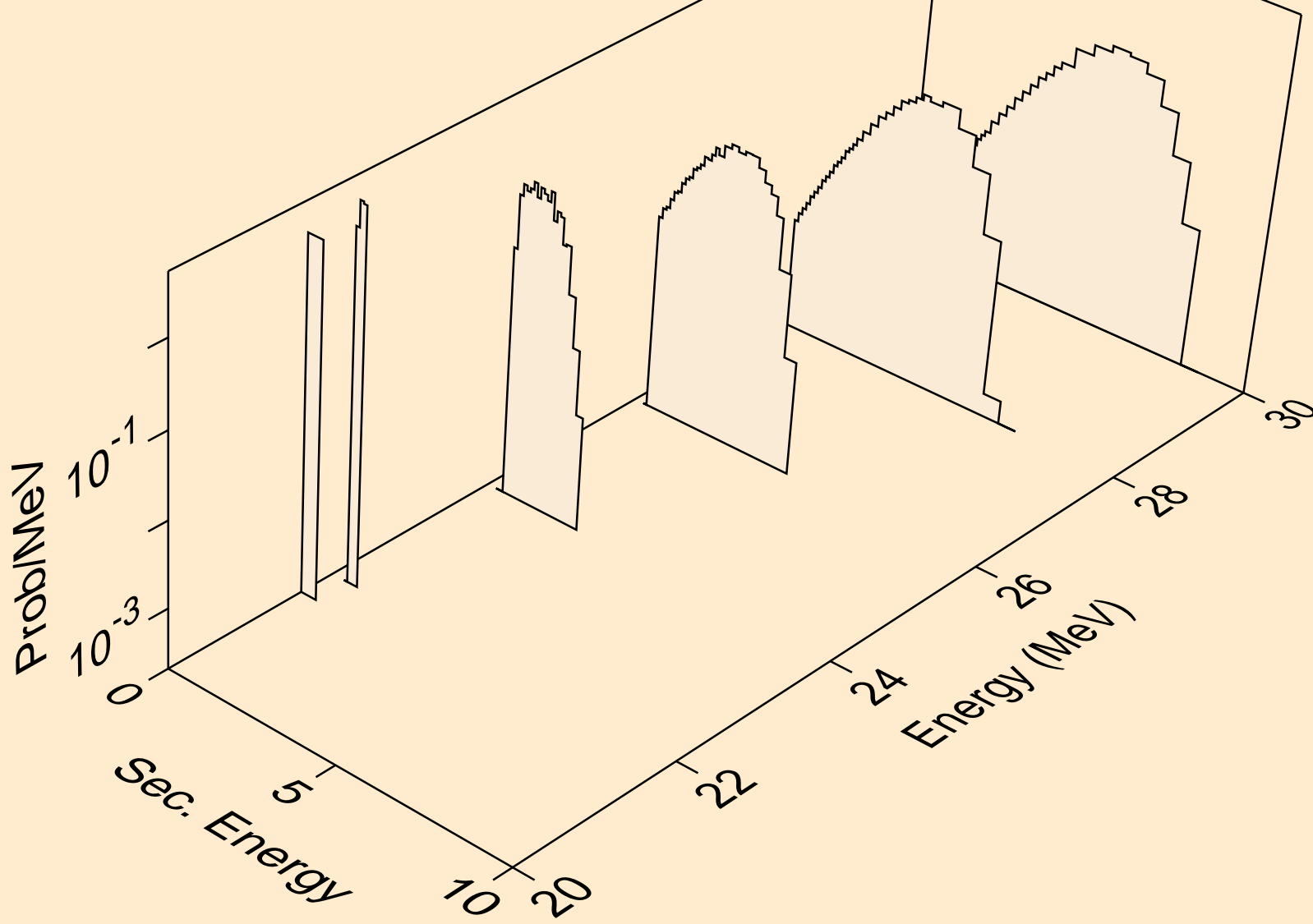
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



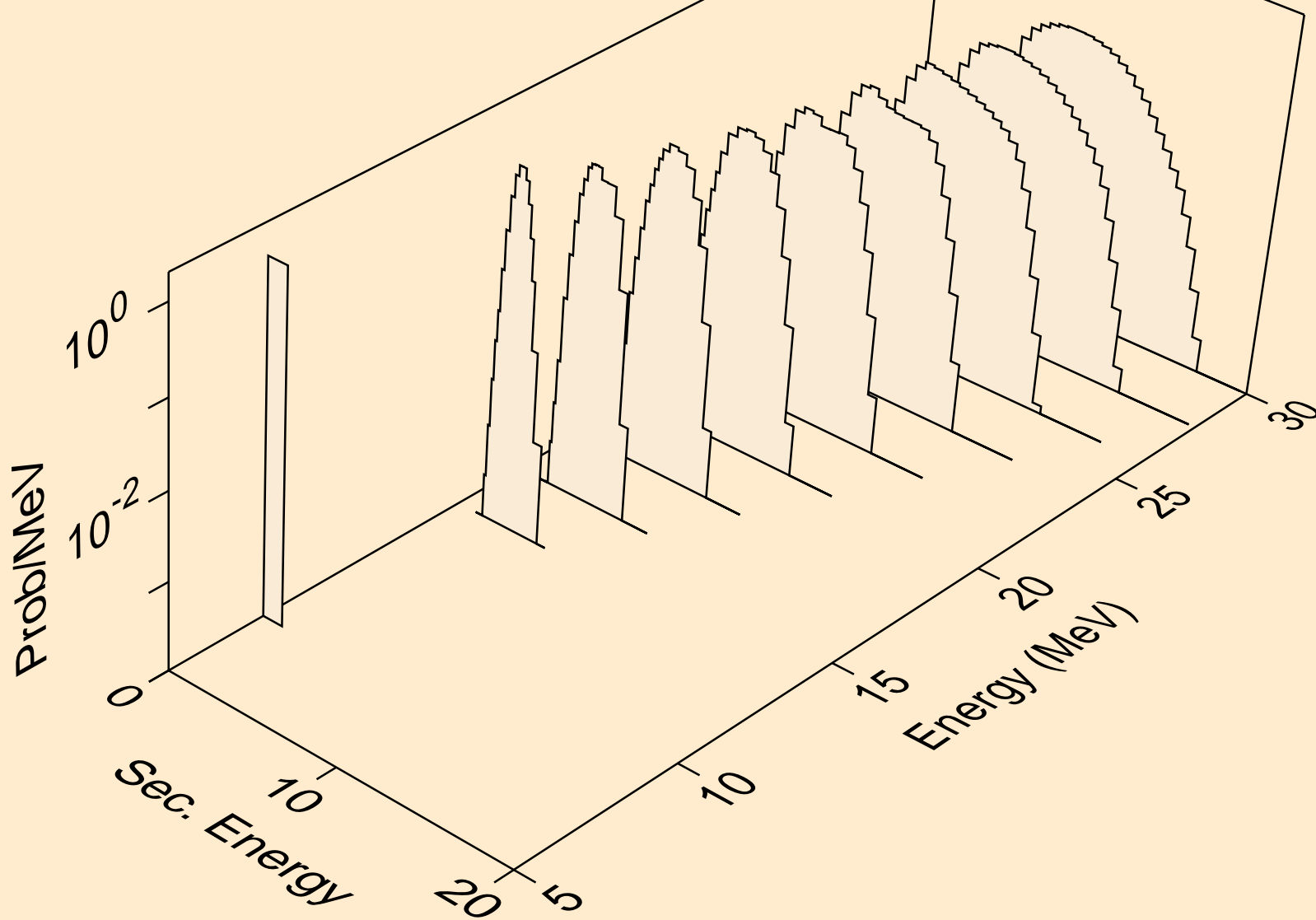
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



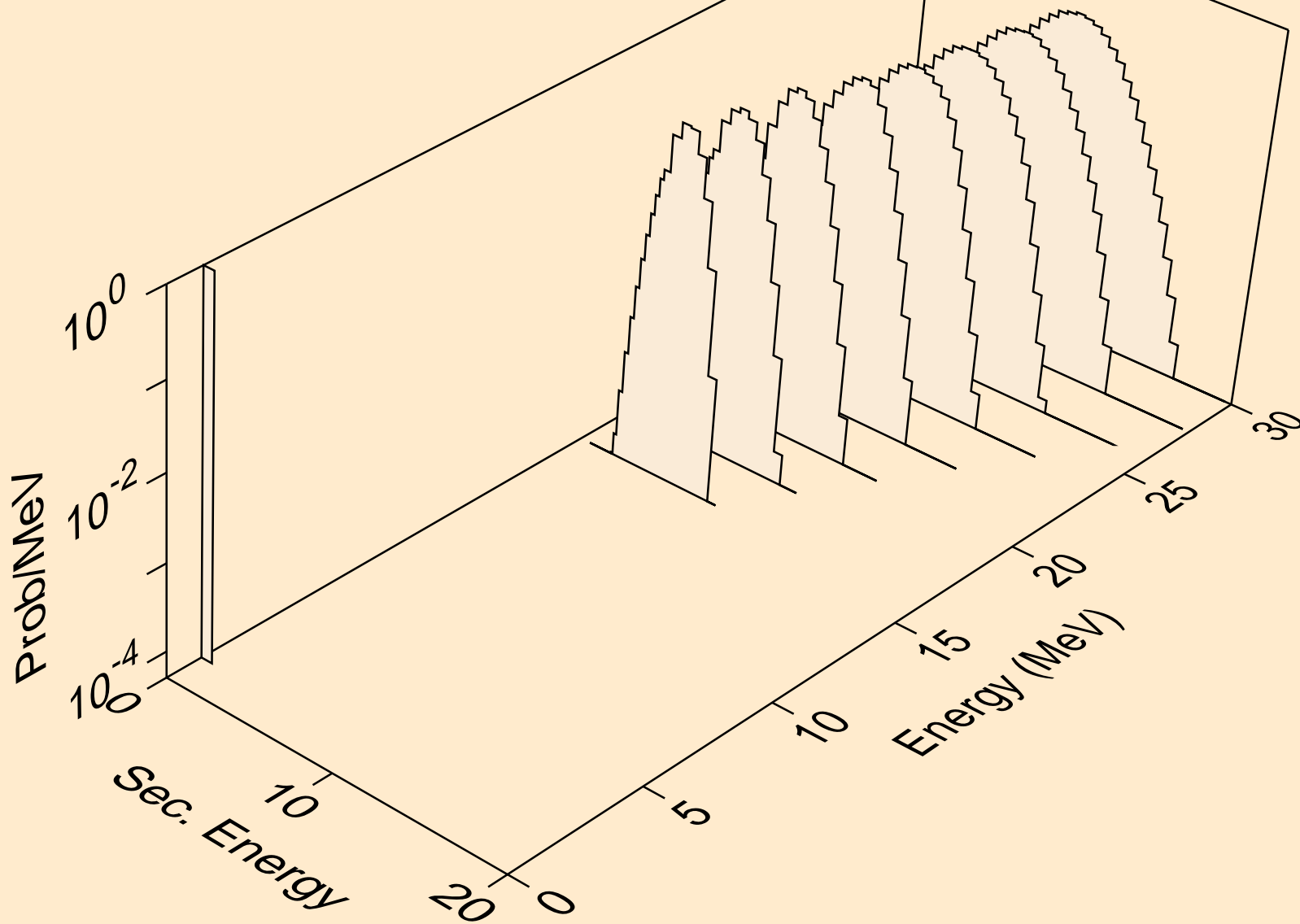
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)



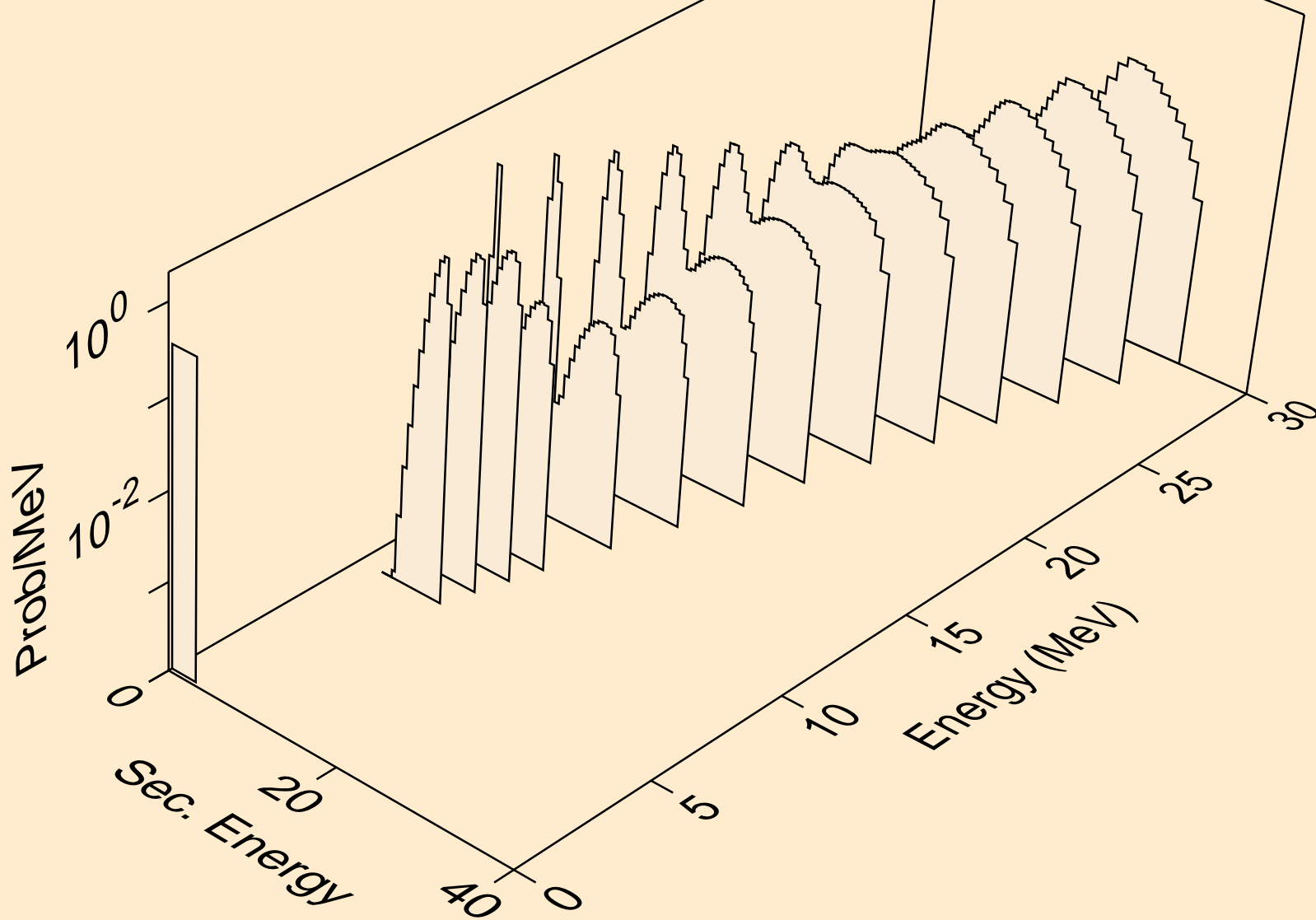
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



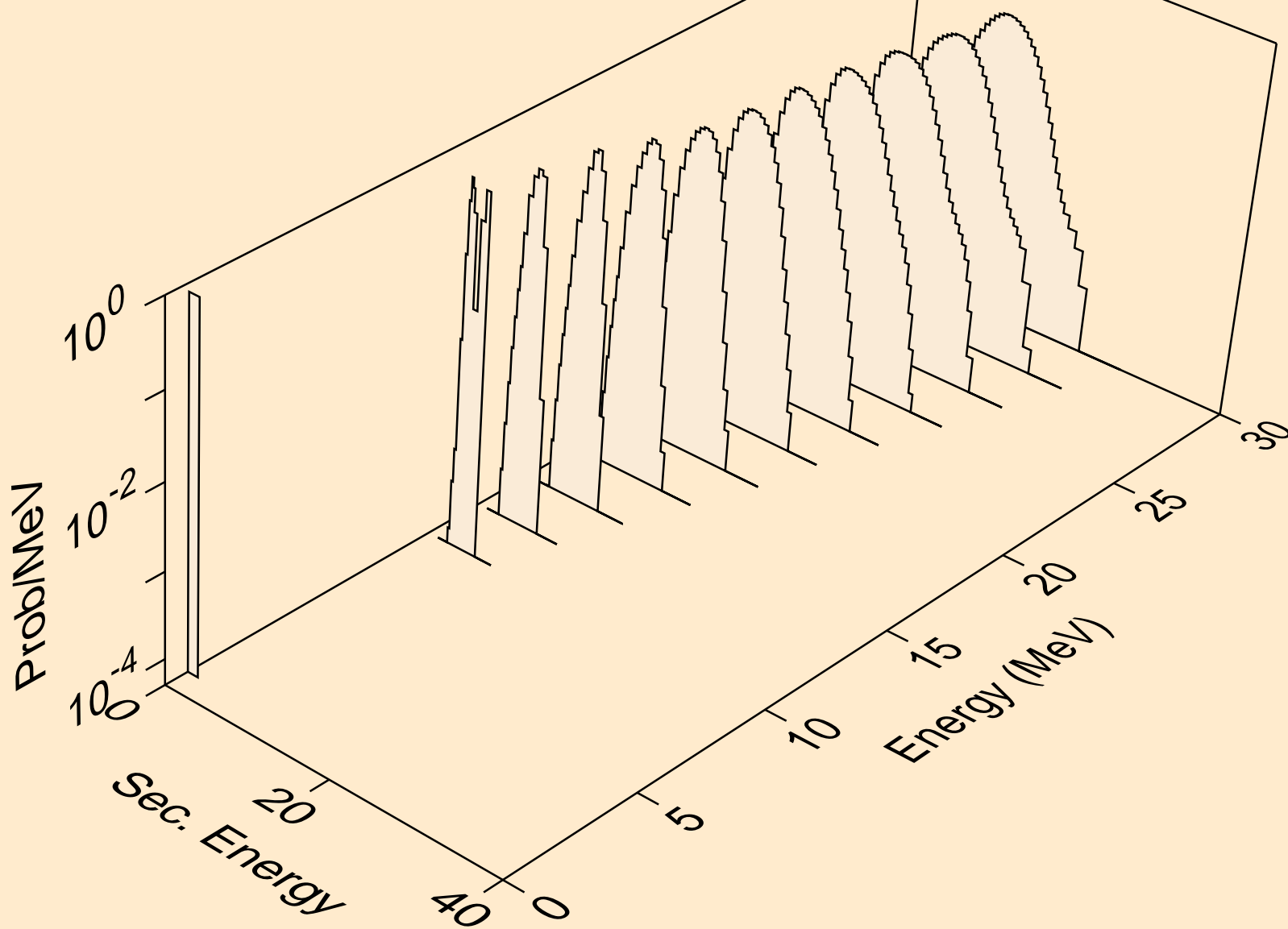
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



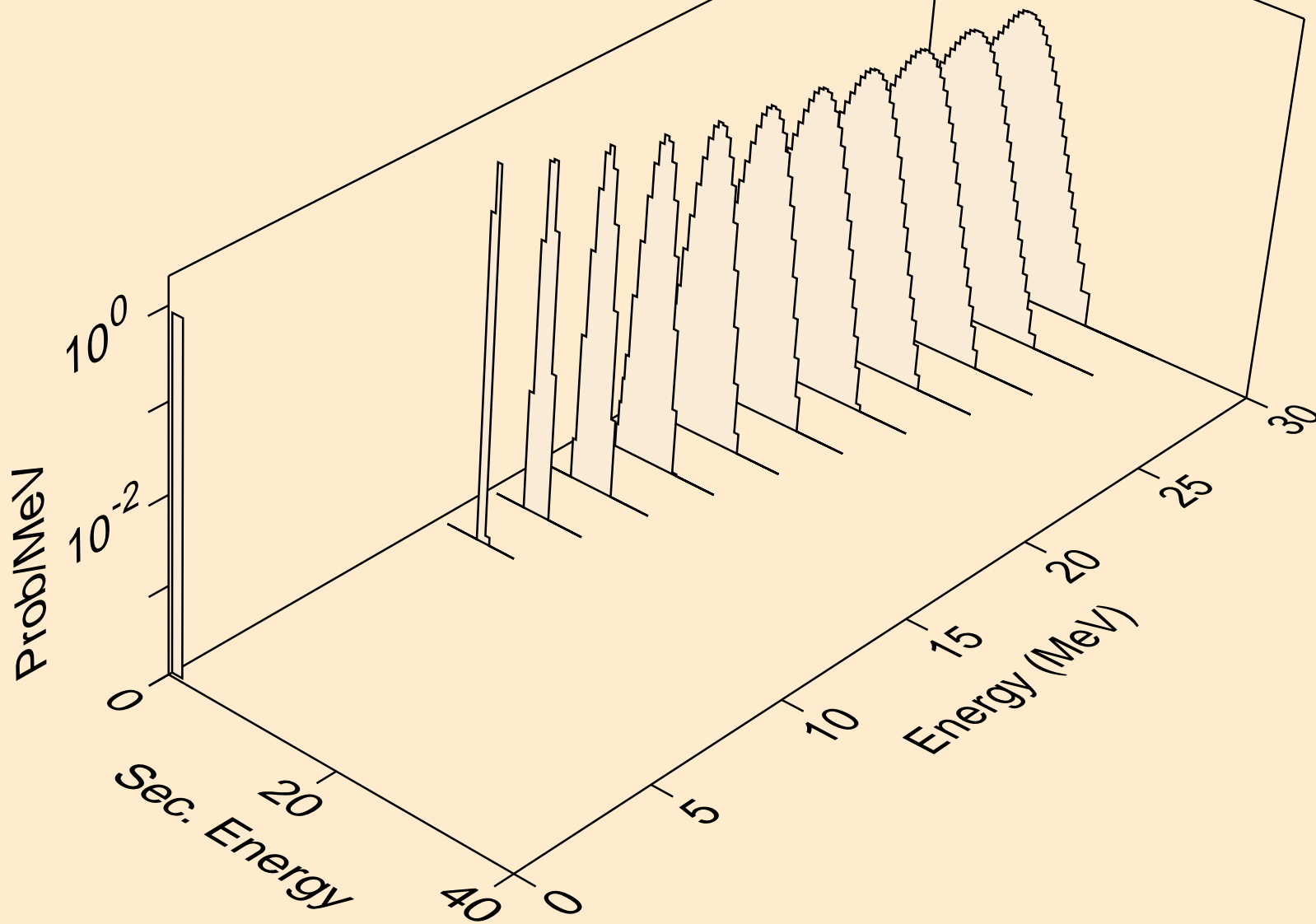
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



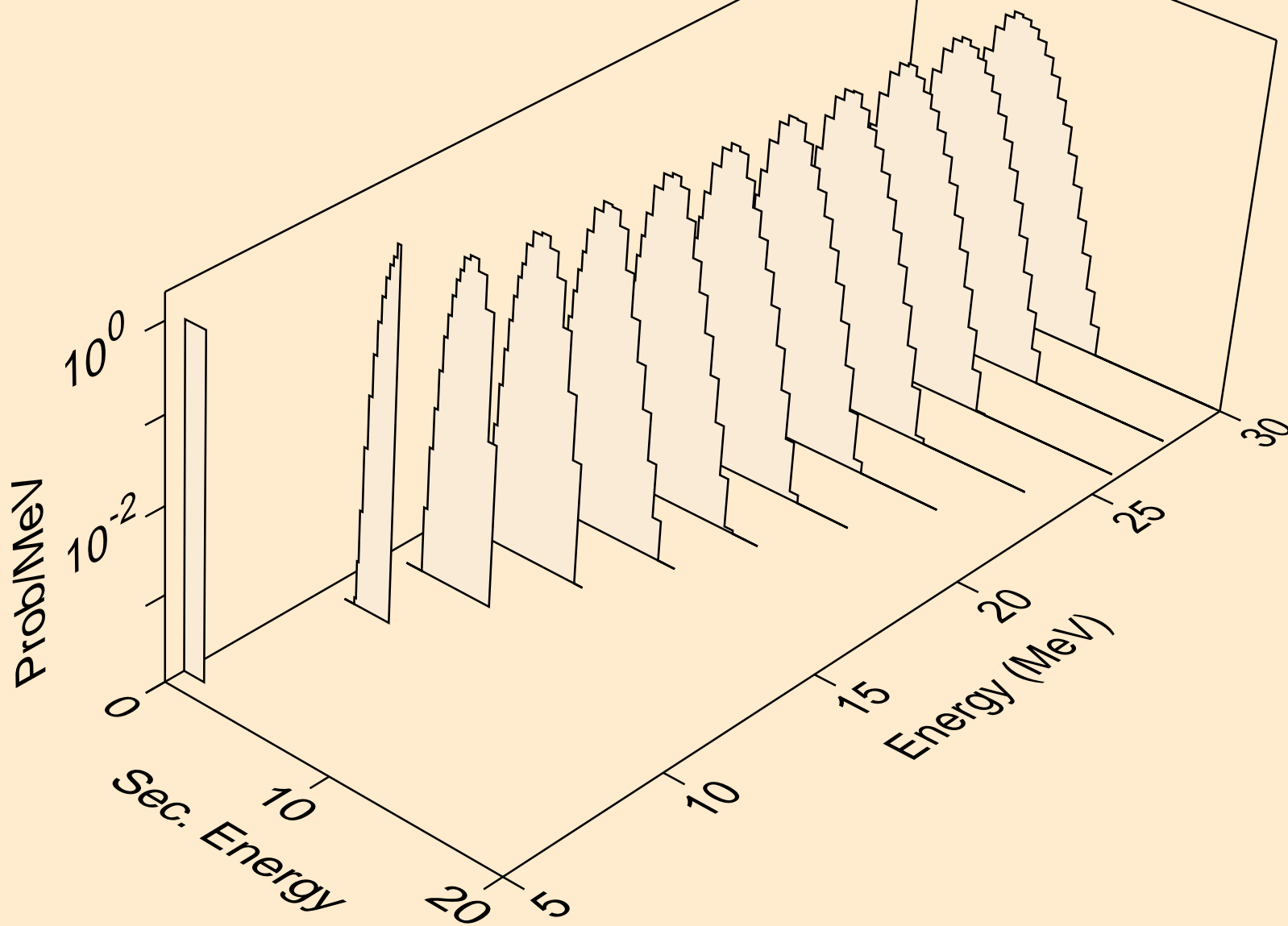
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



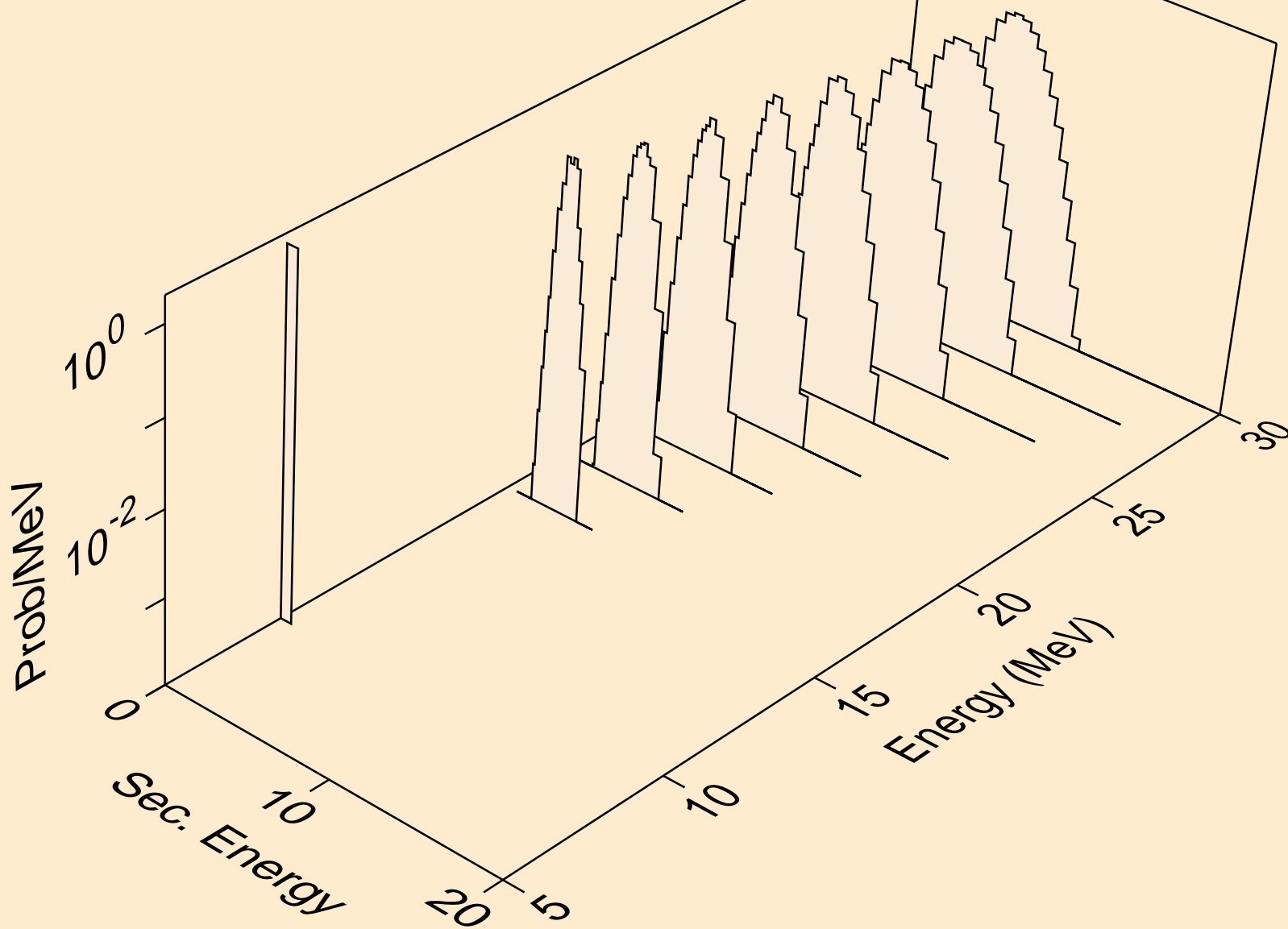
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



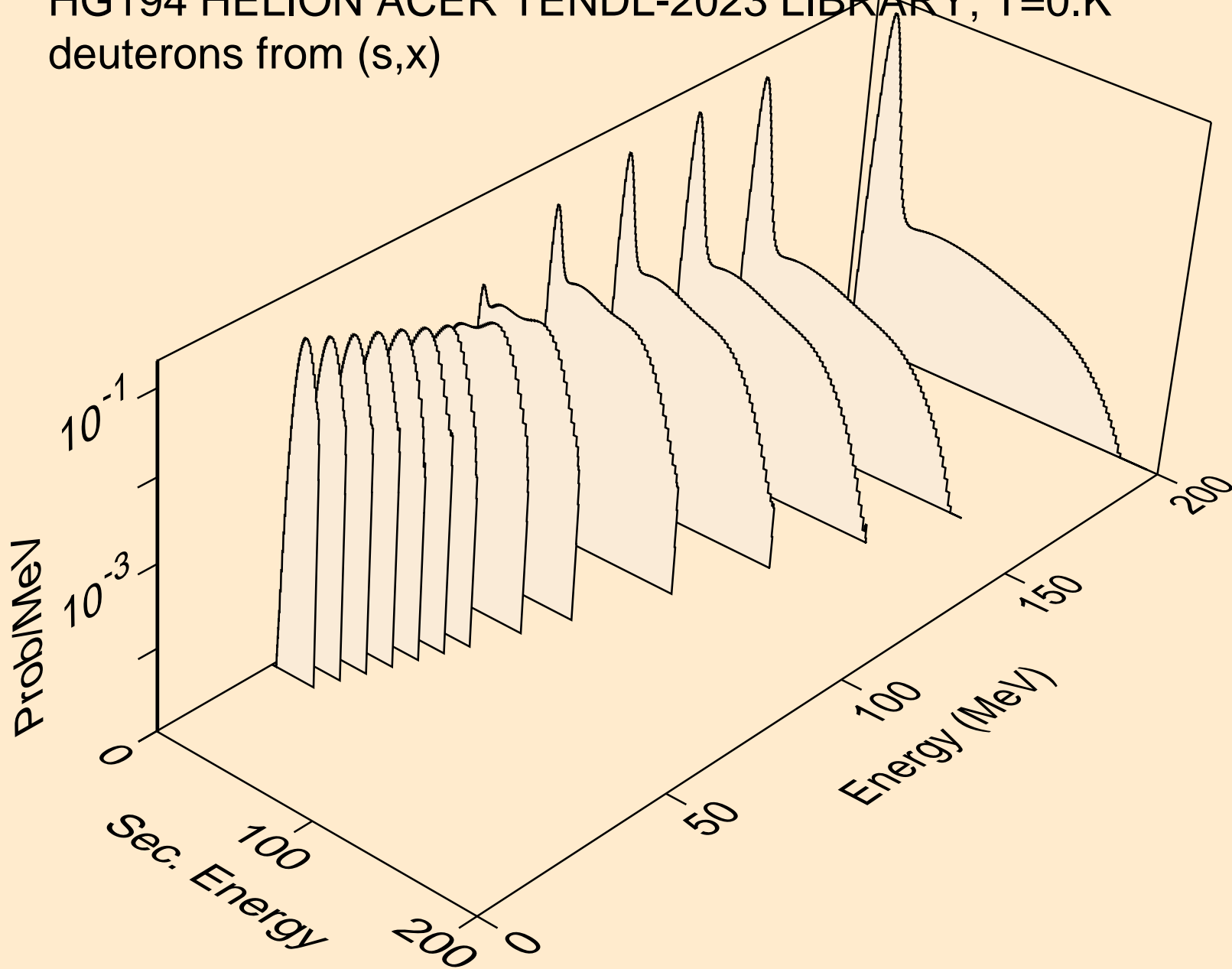
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



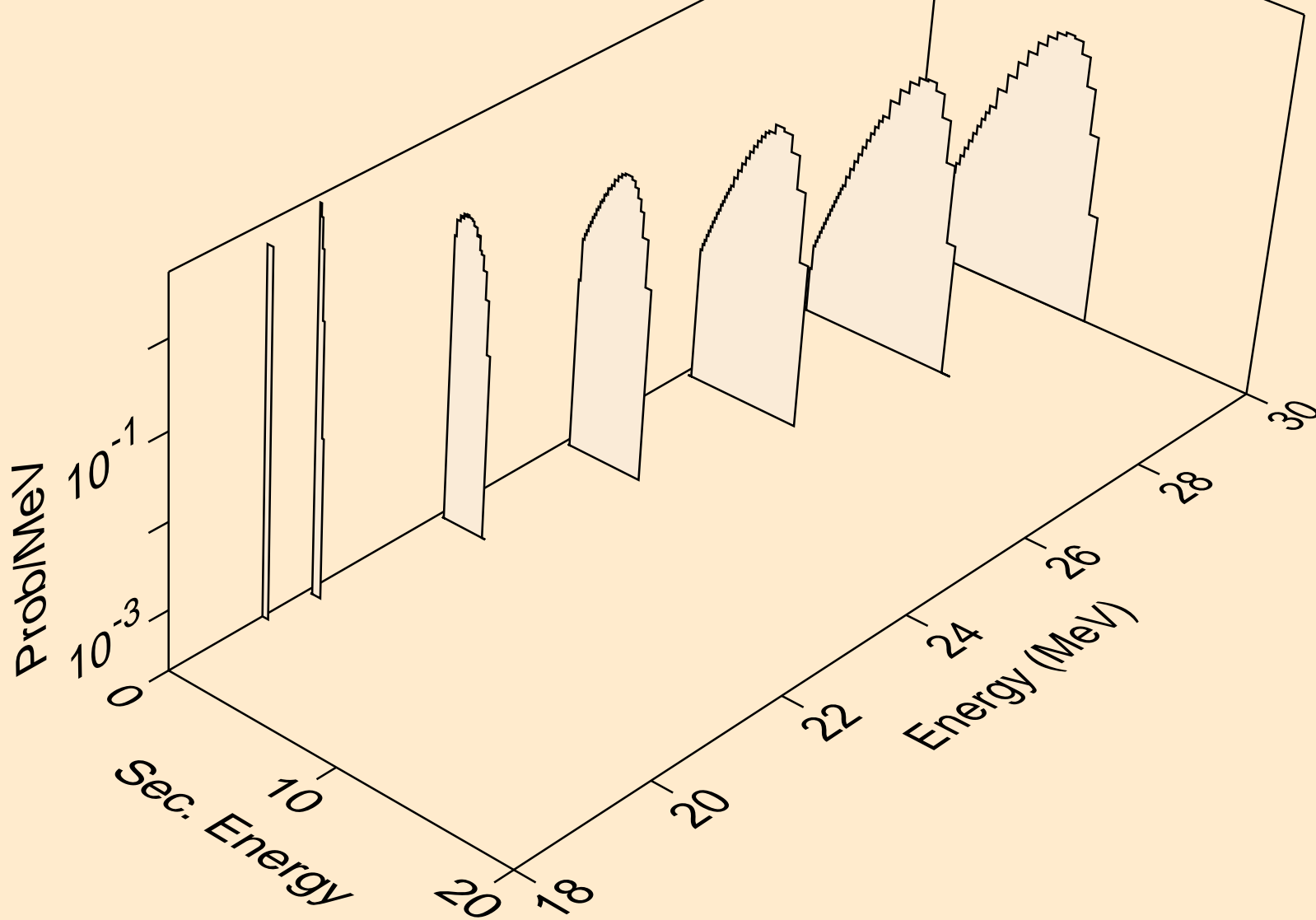
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



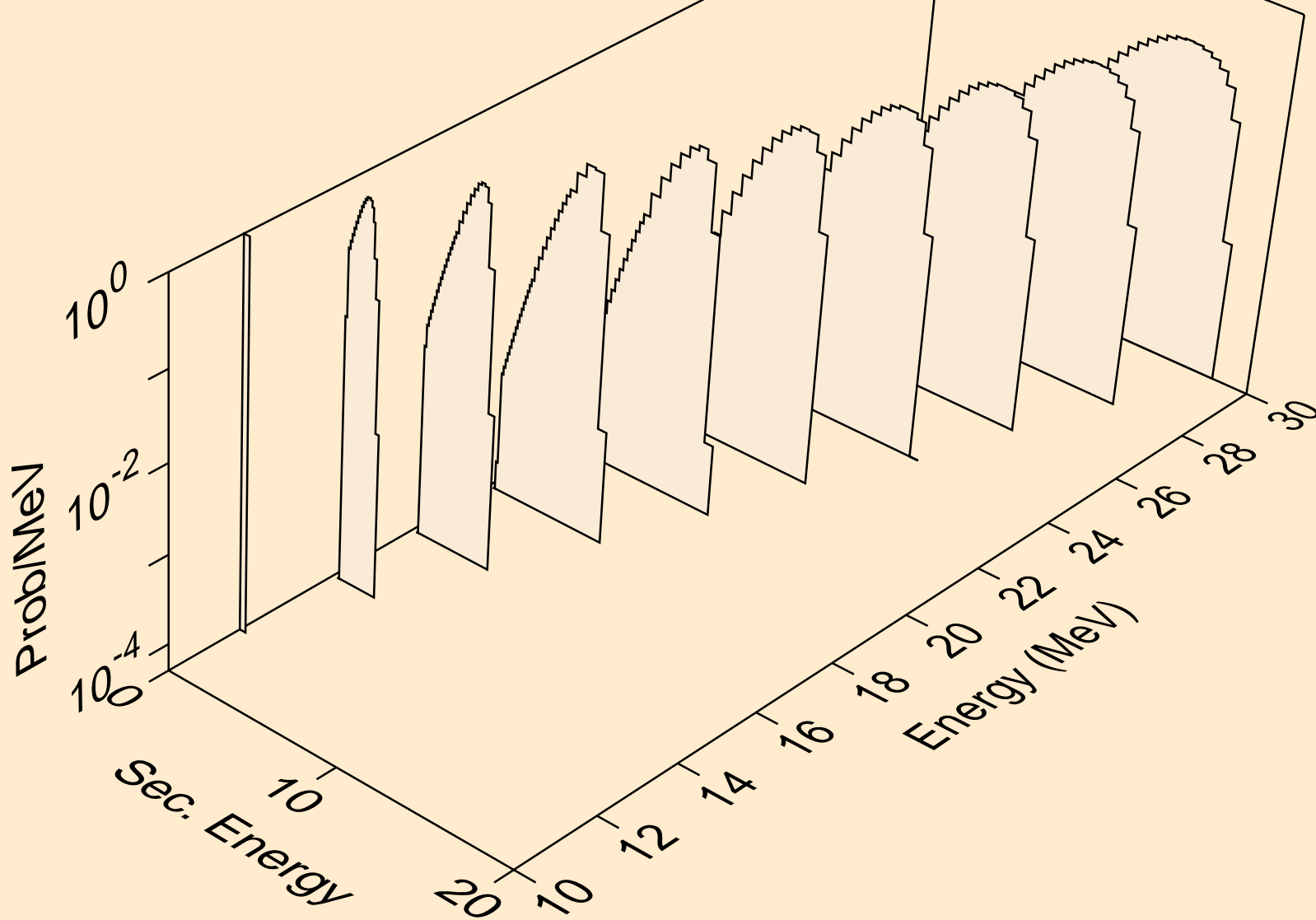
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



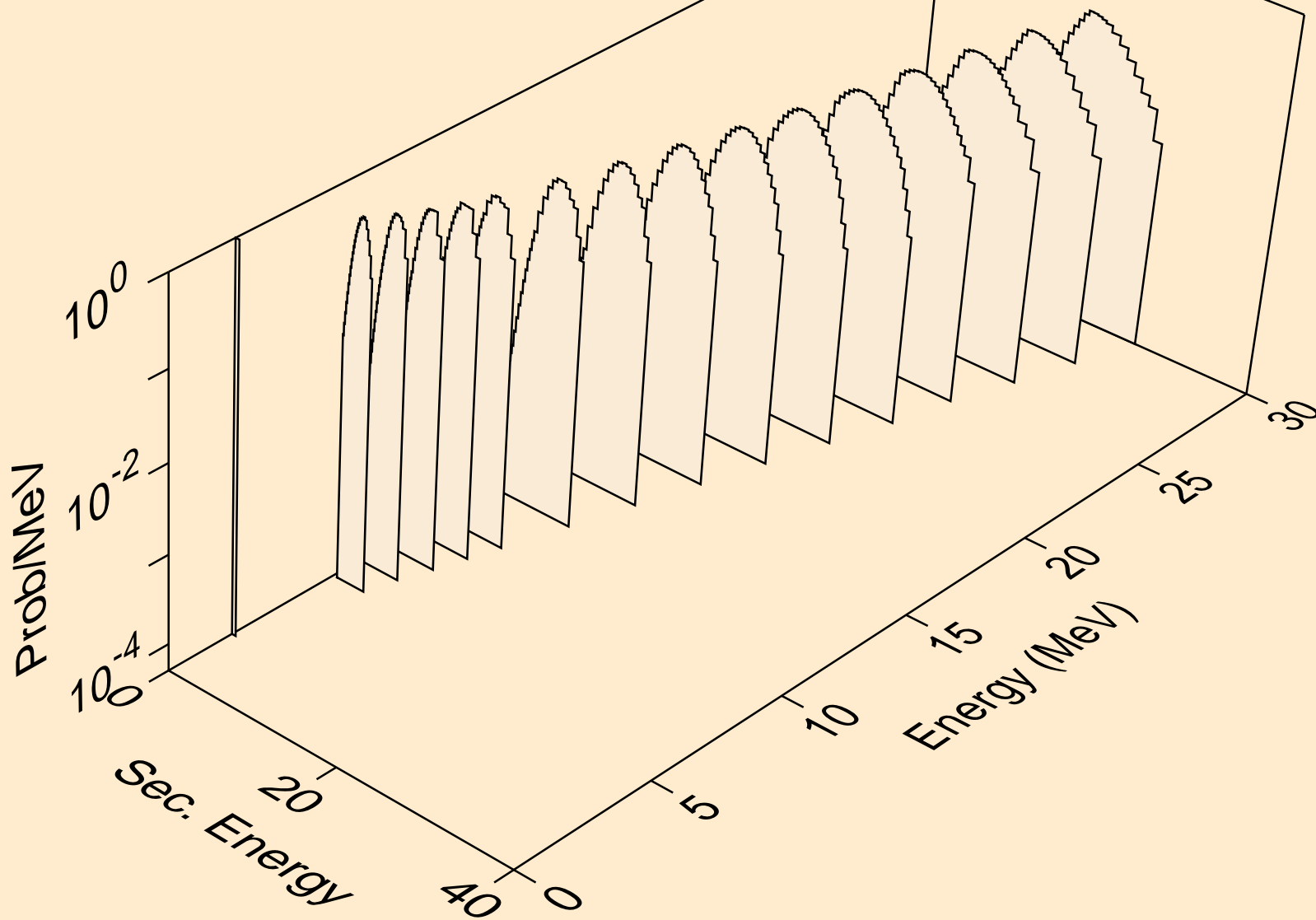
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)



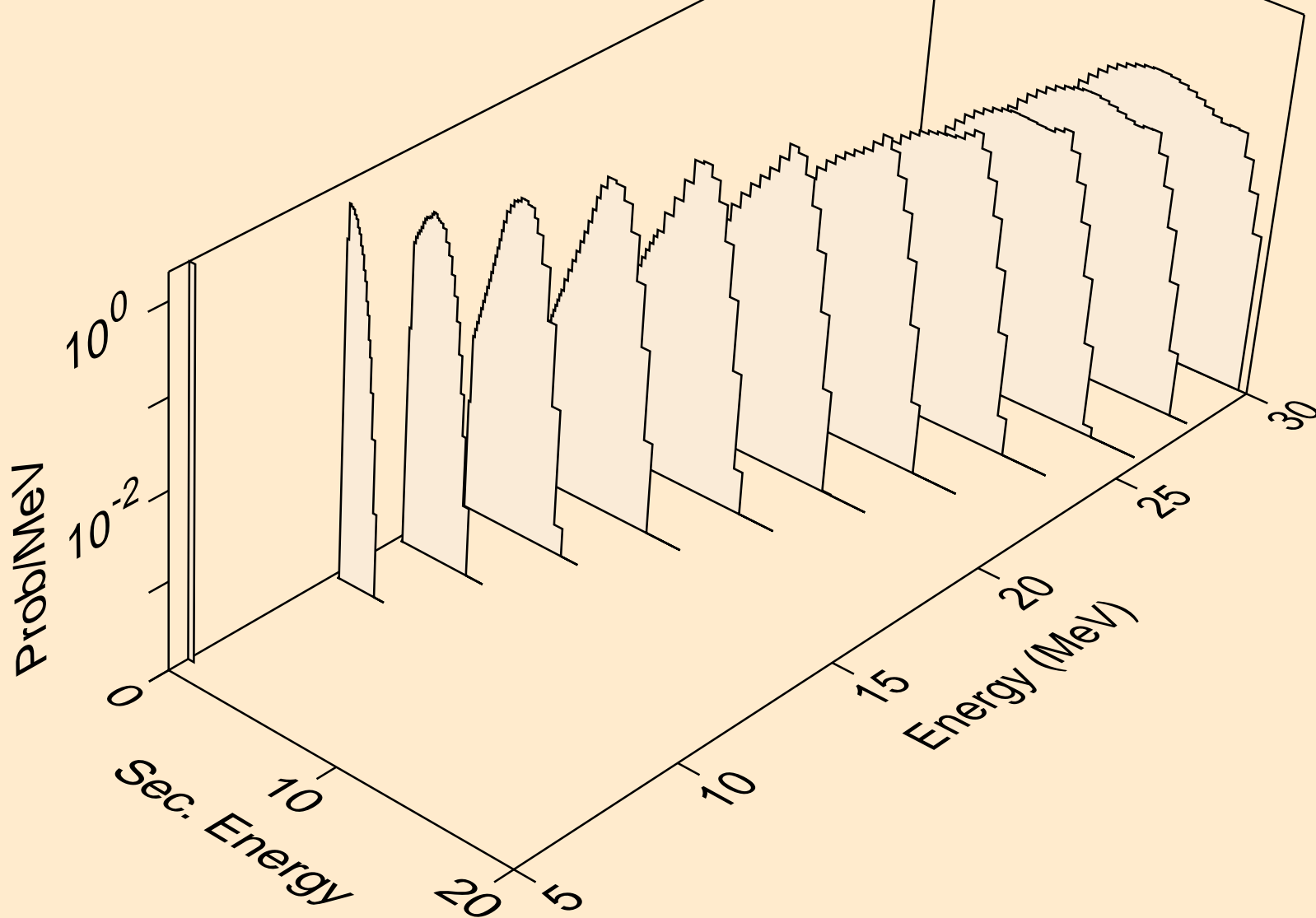
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



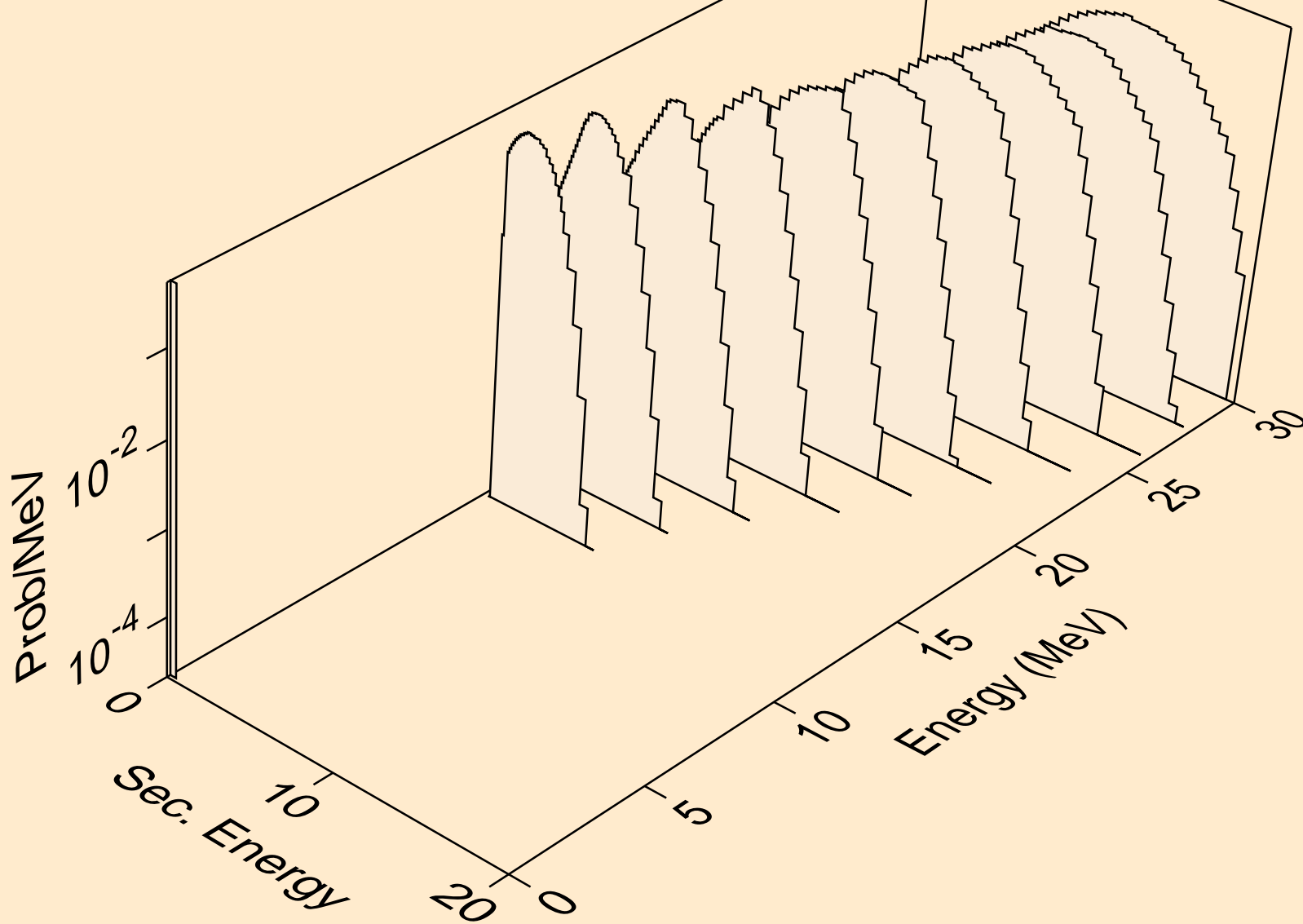
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



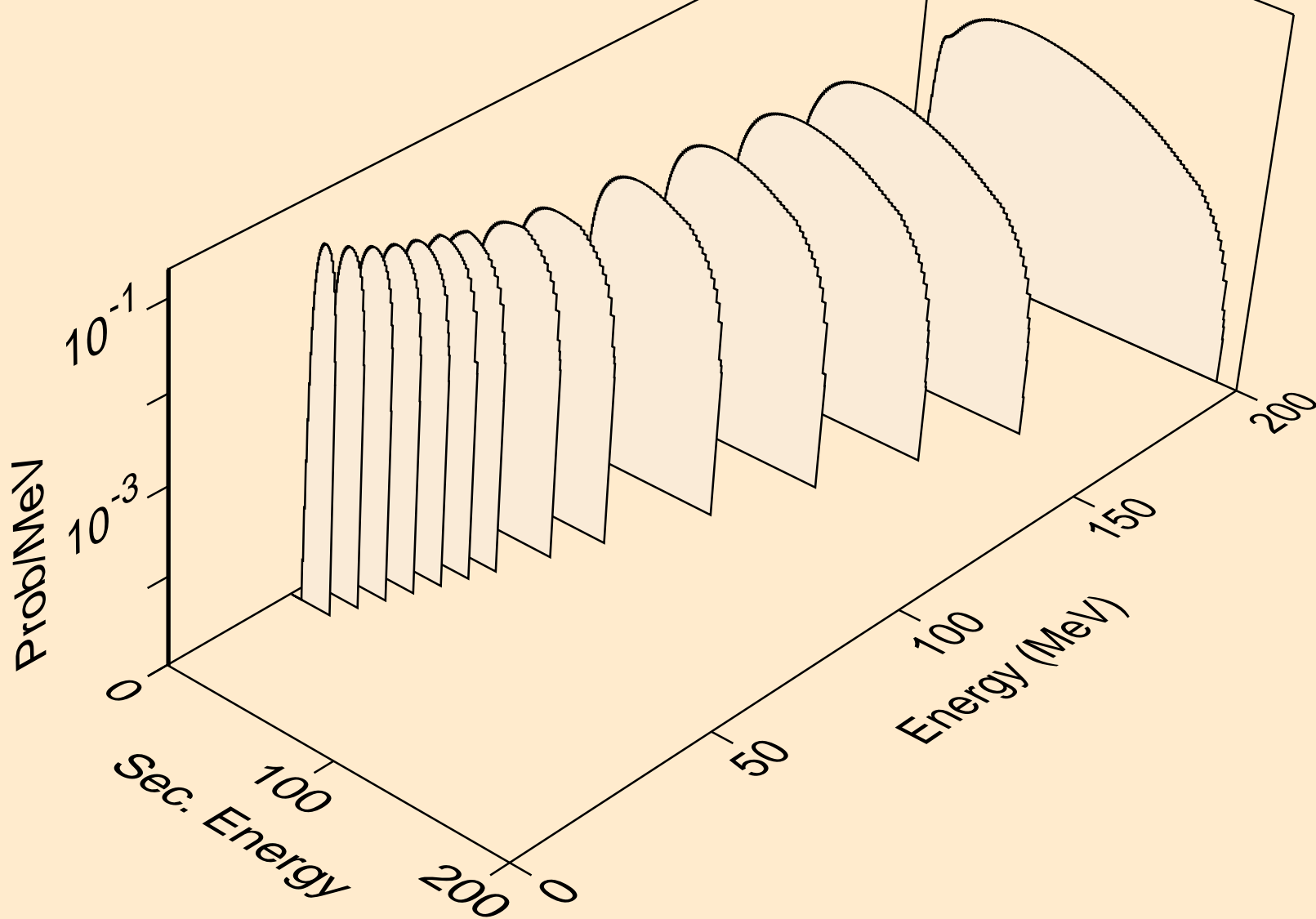
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



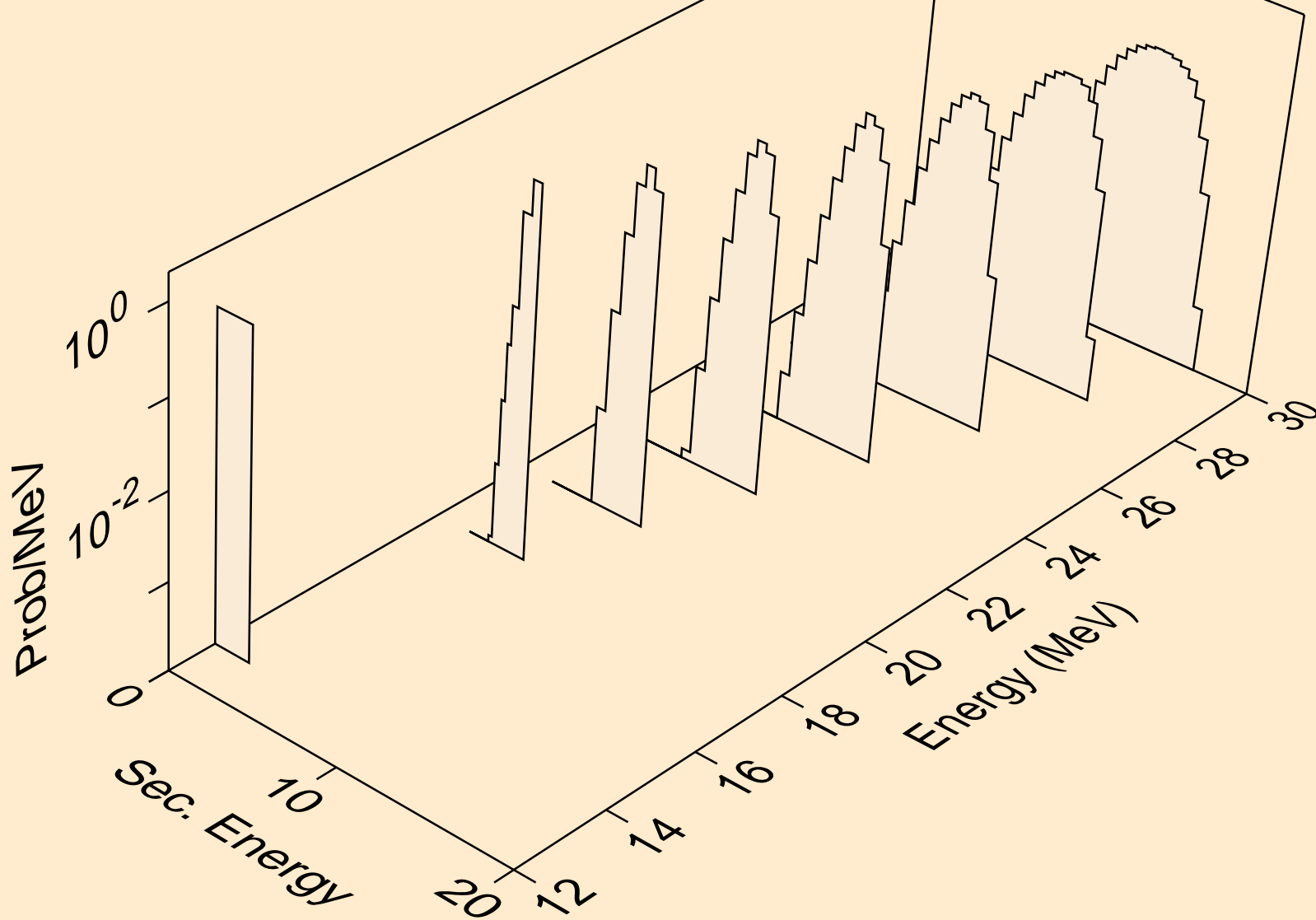
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



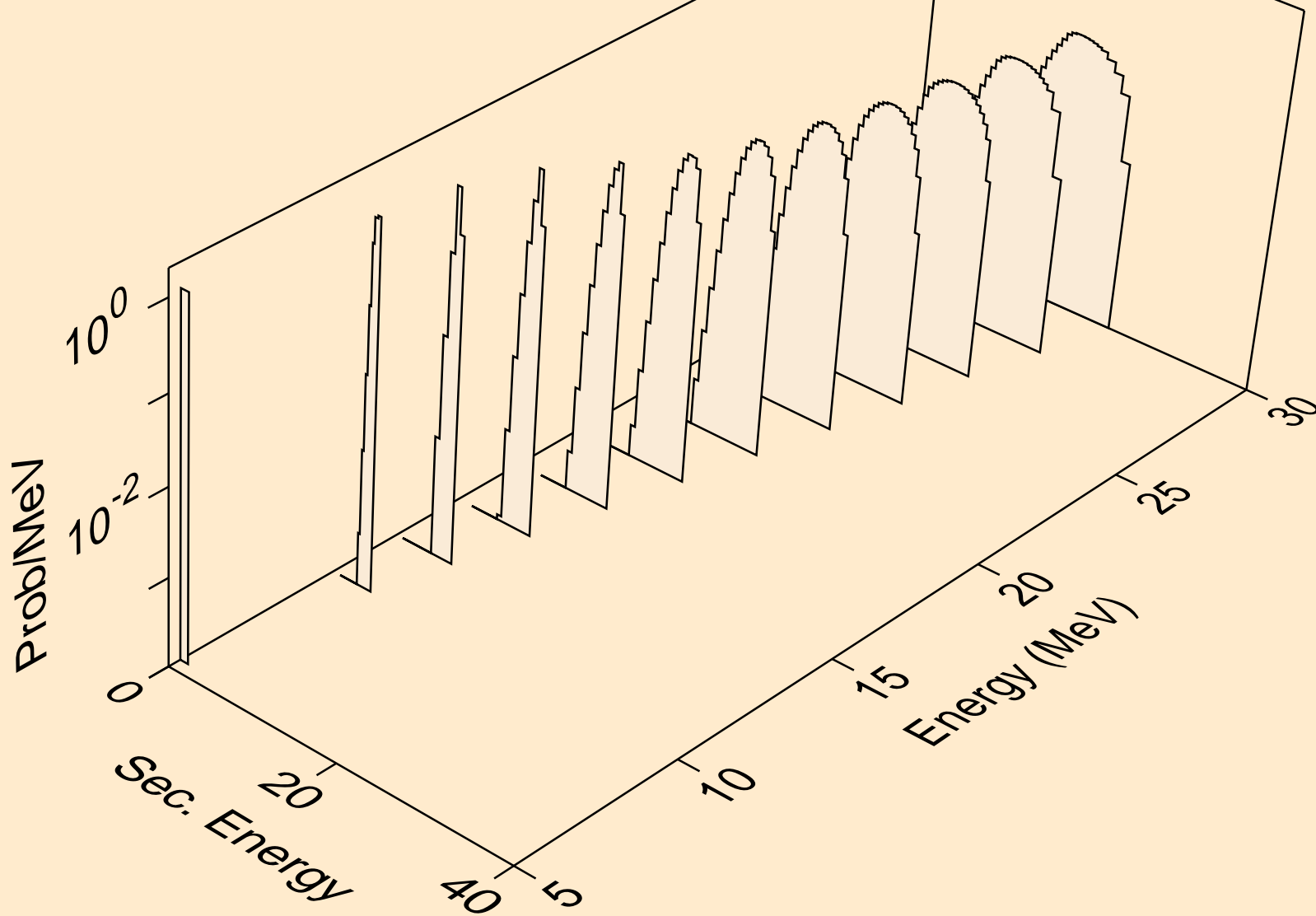
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



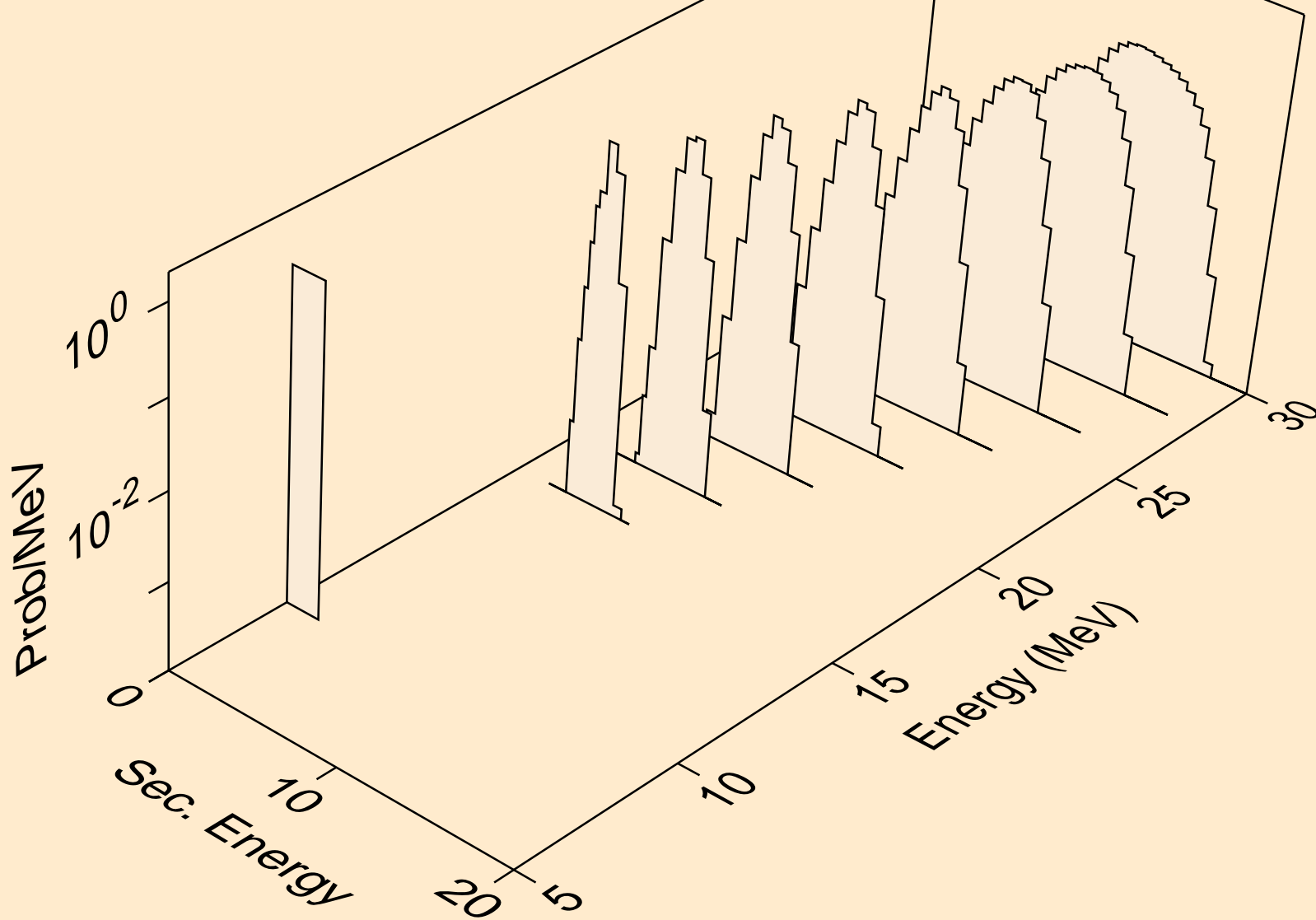
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



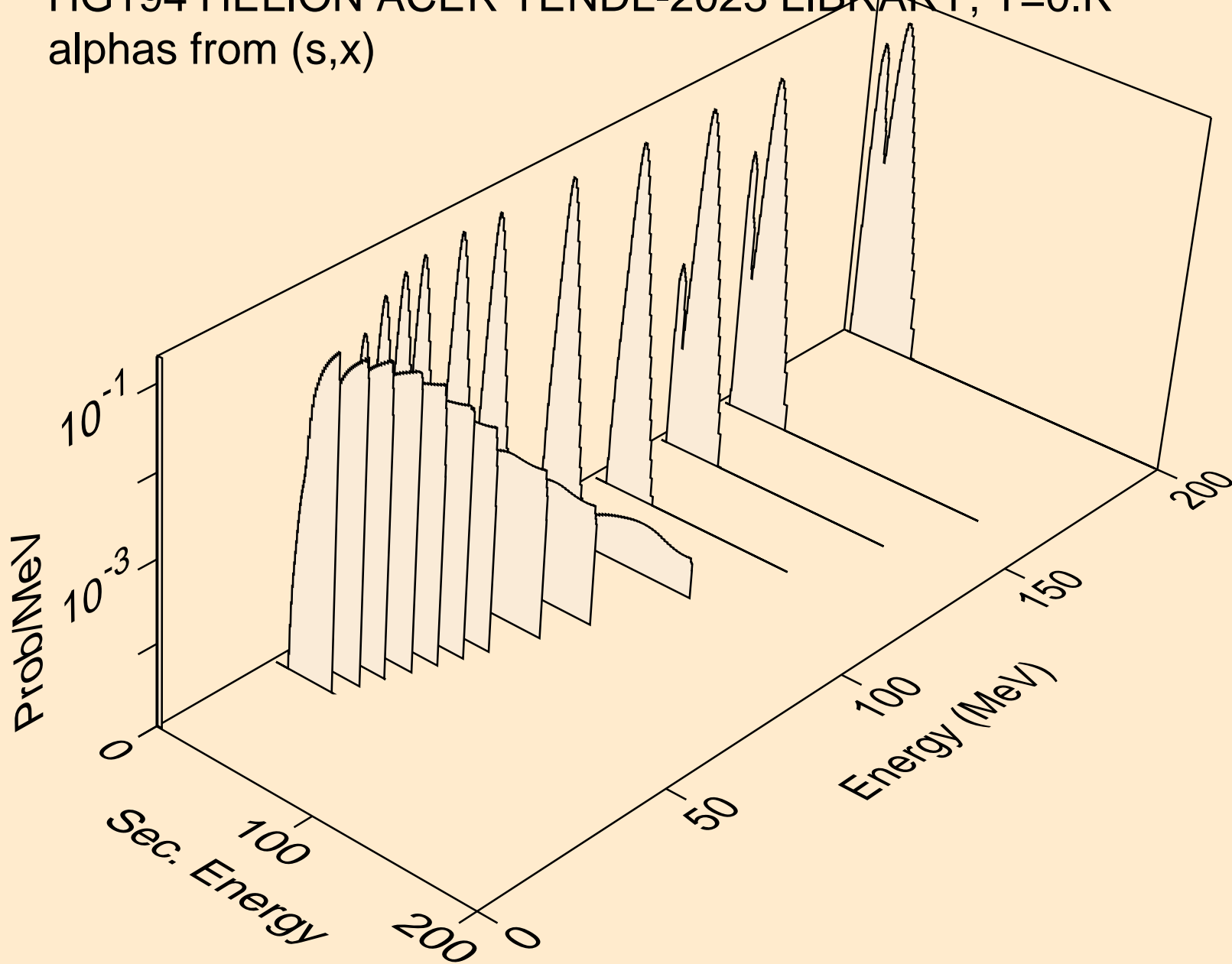
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



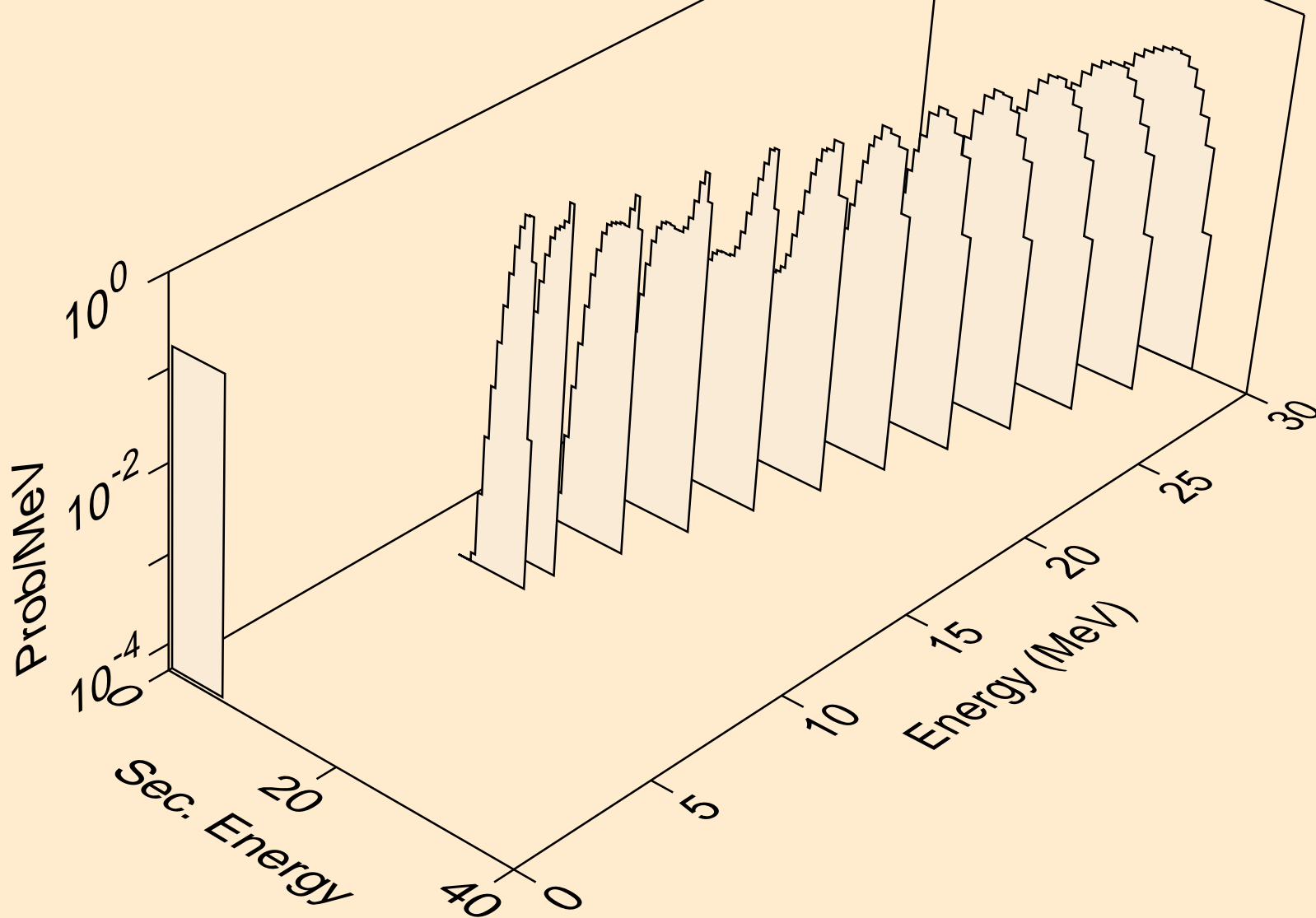
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



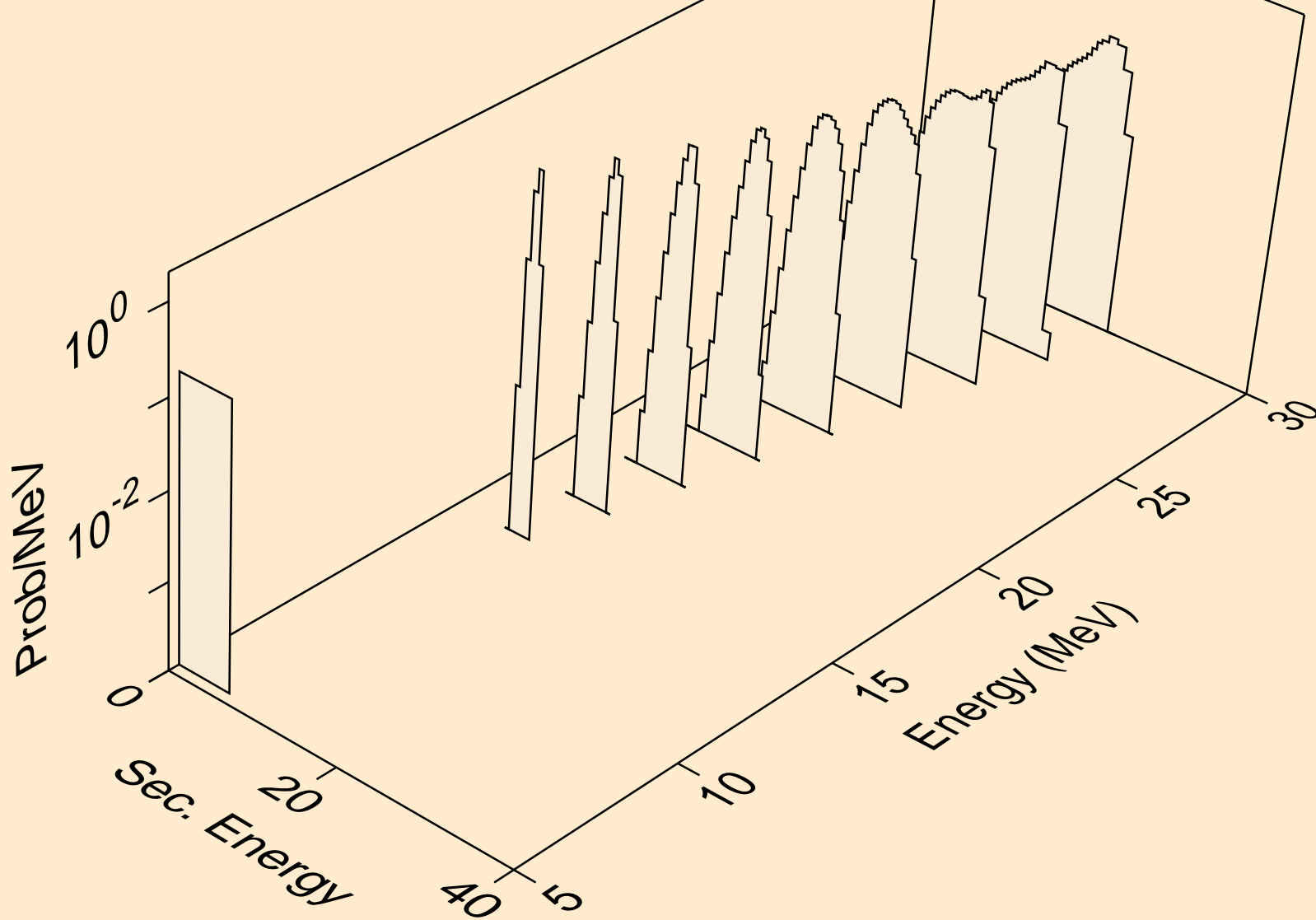
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



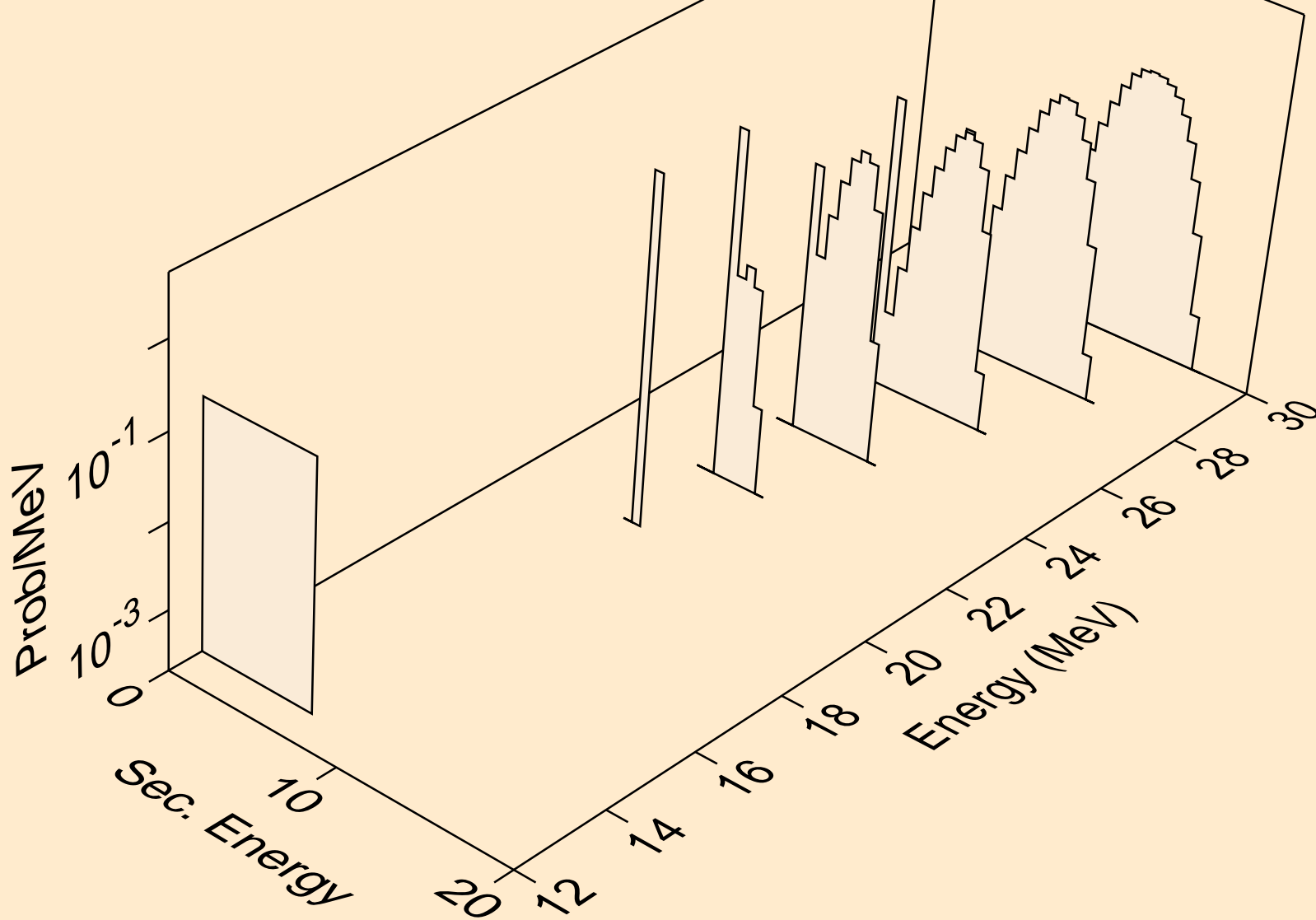
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



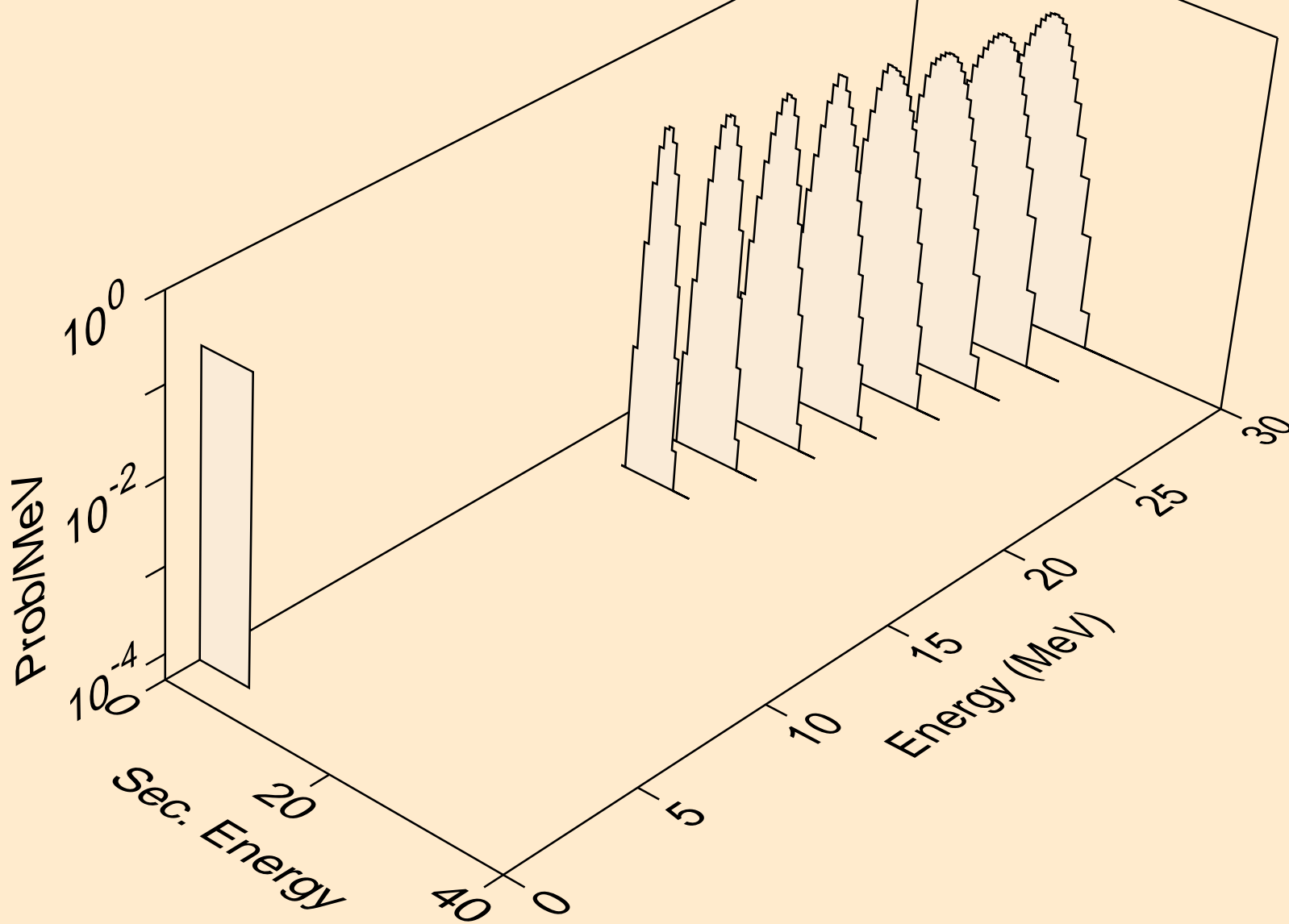
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



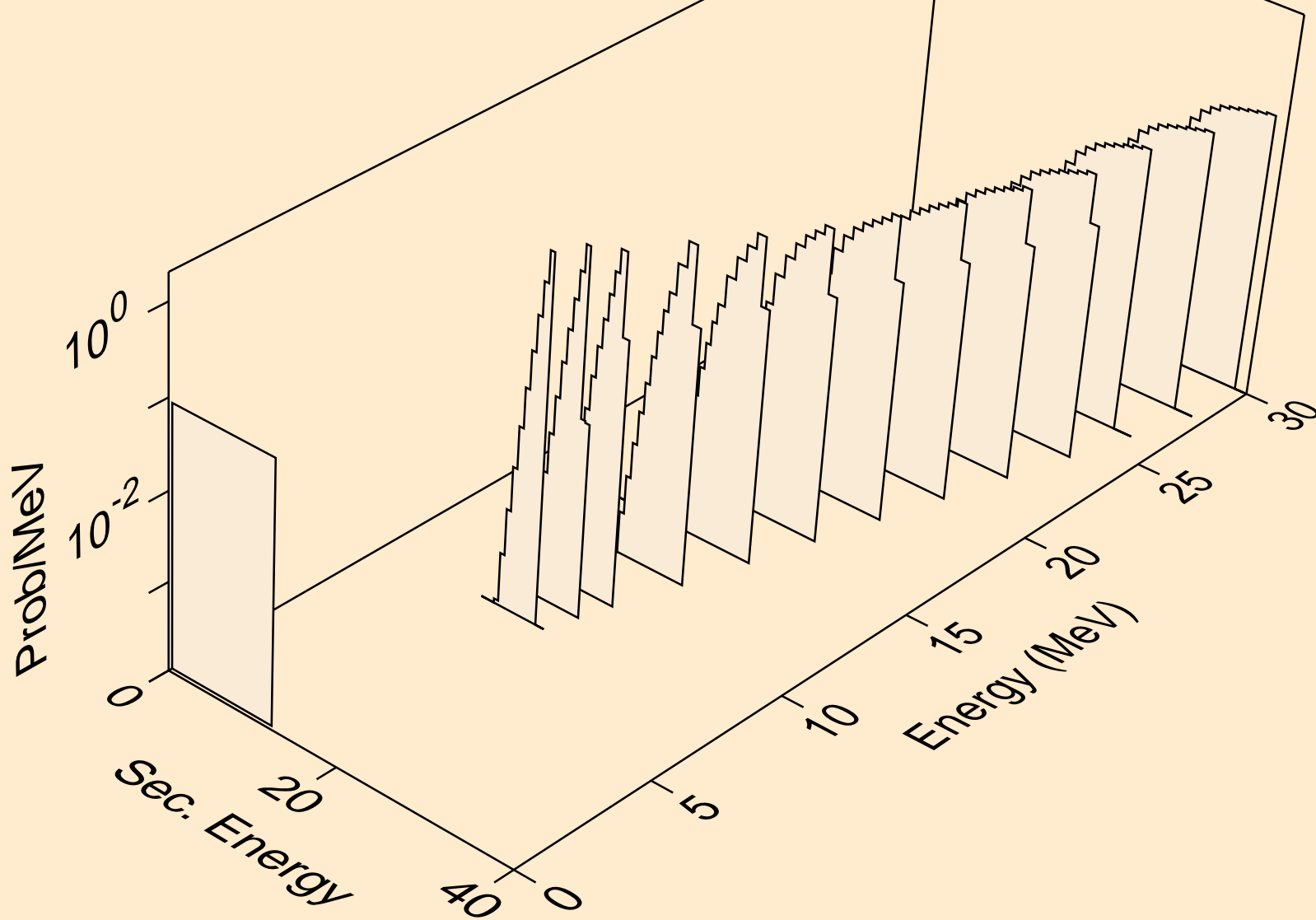
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



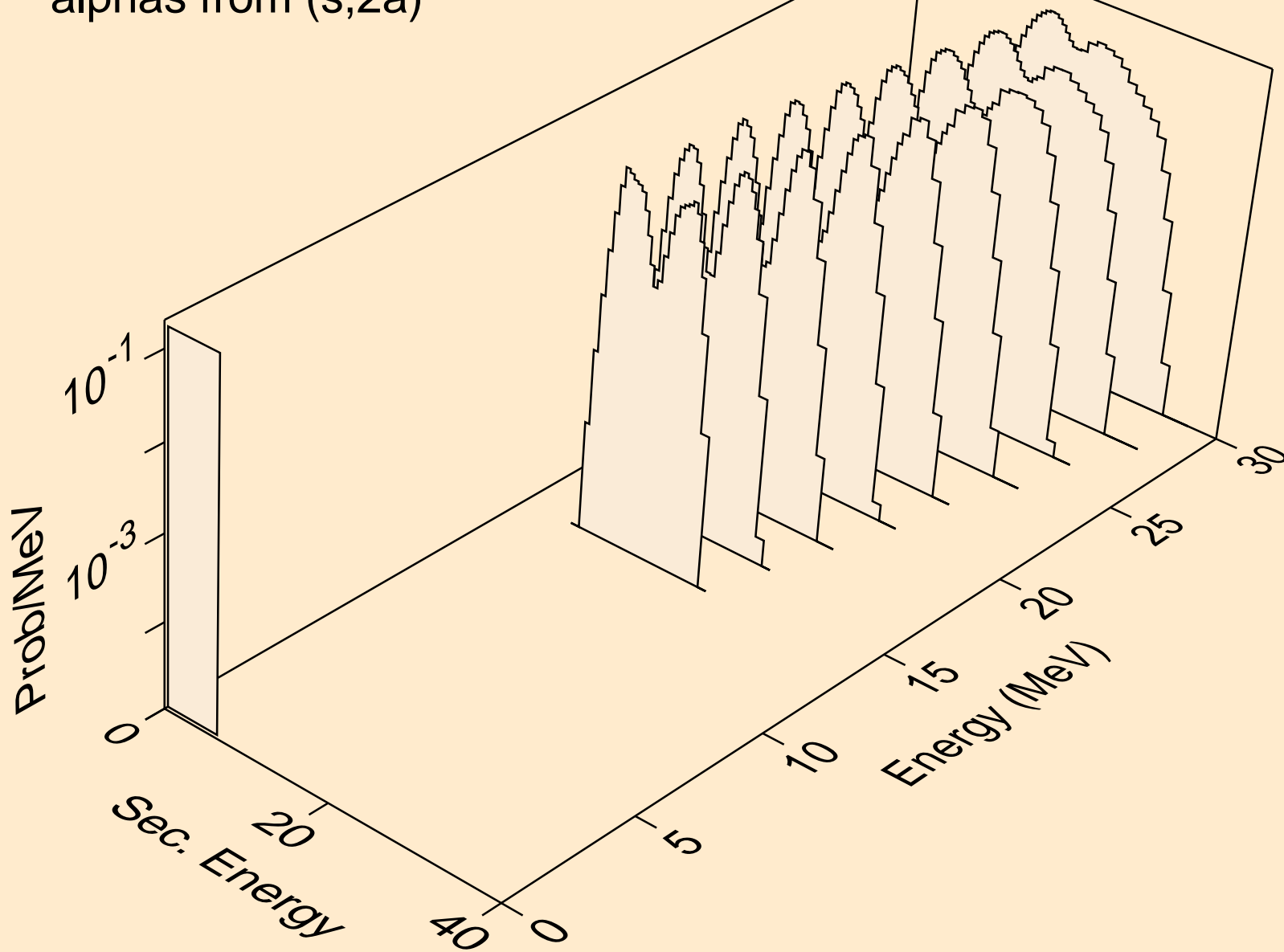
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



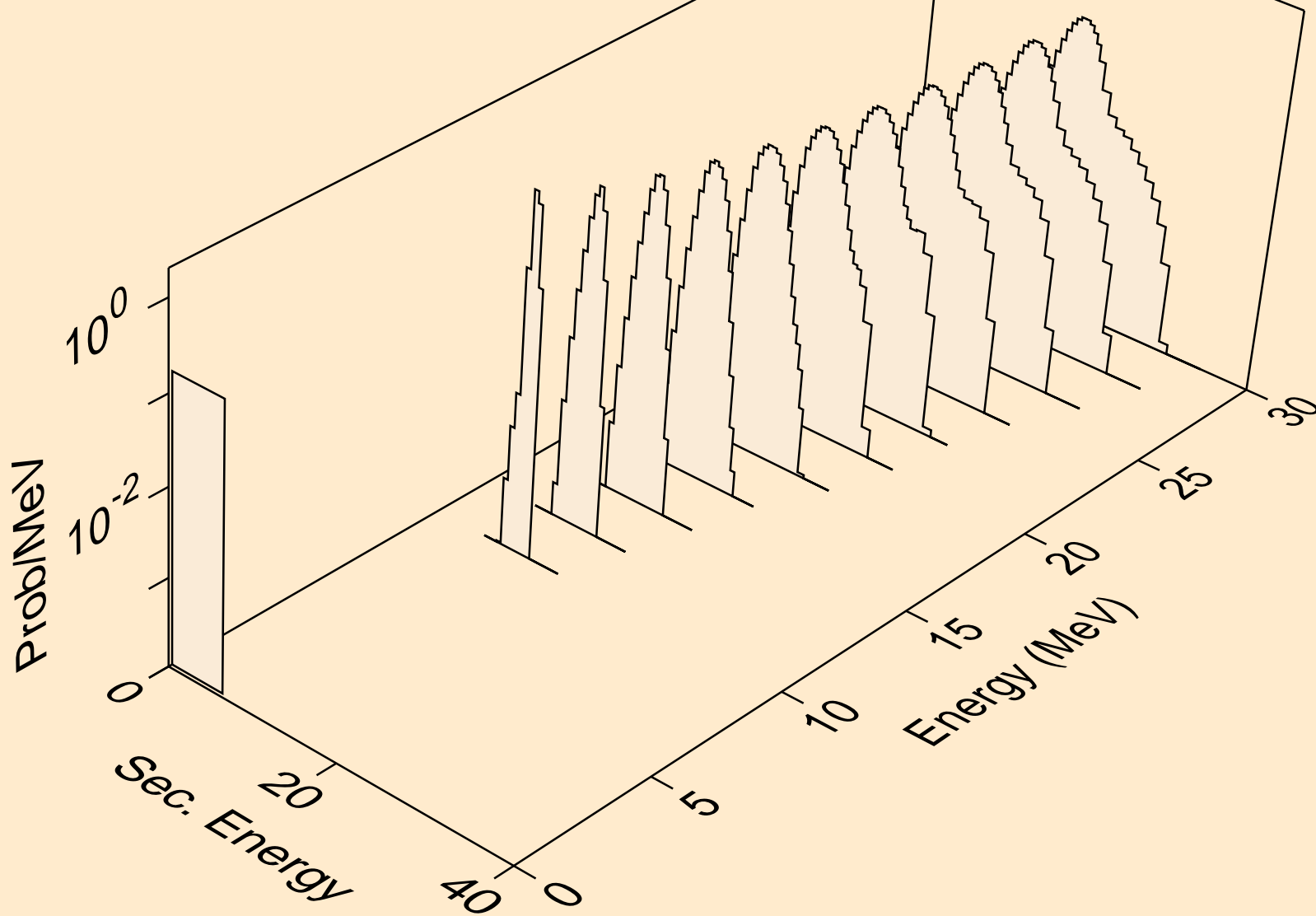
HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



HG194 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

