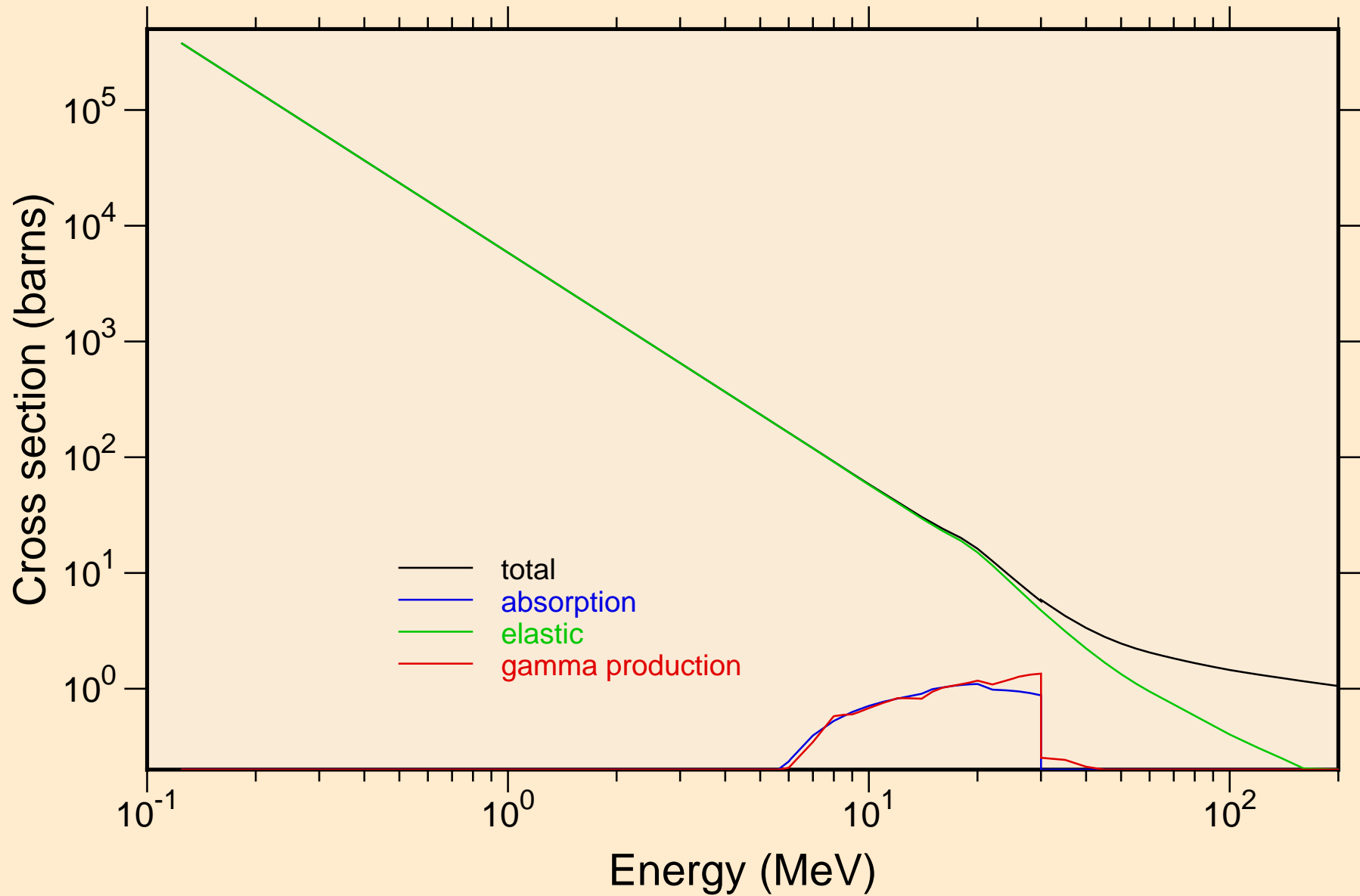
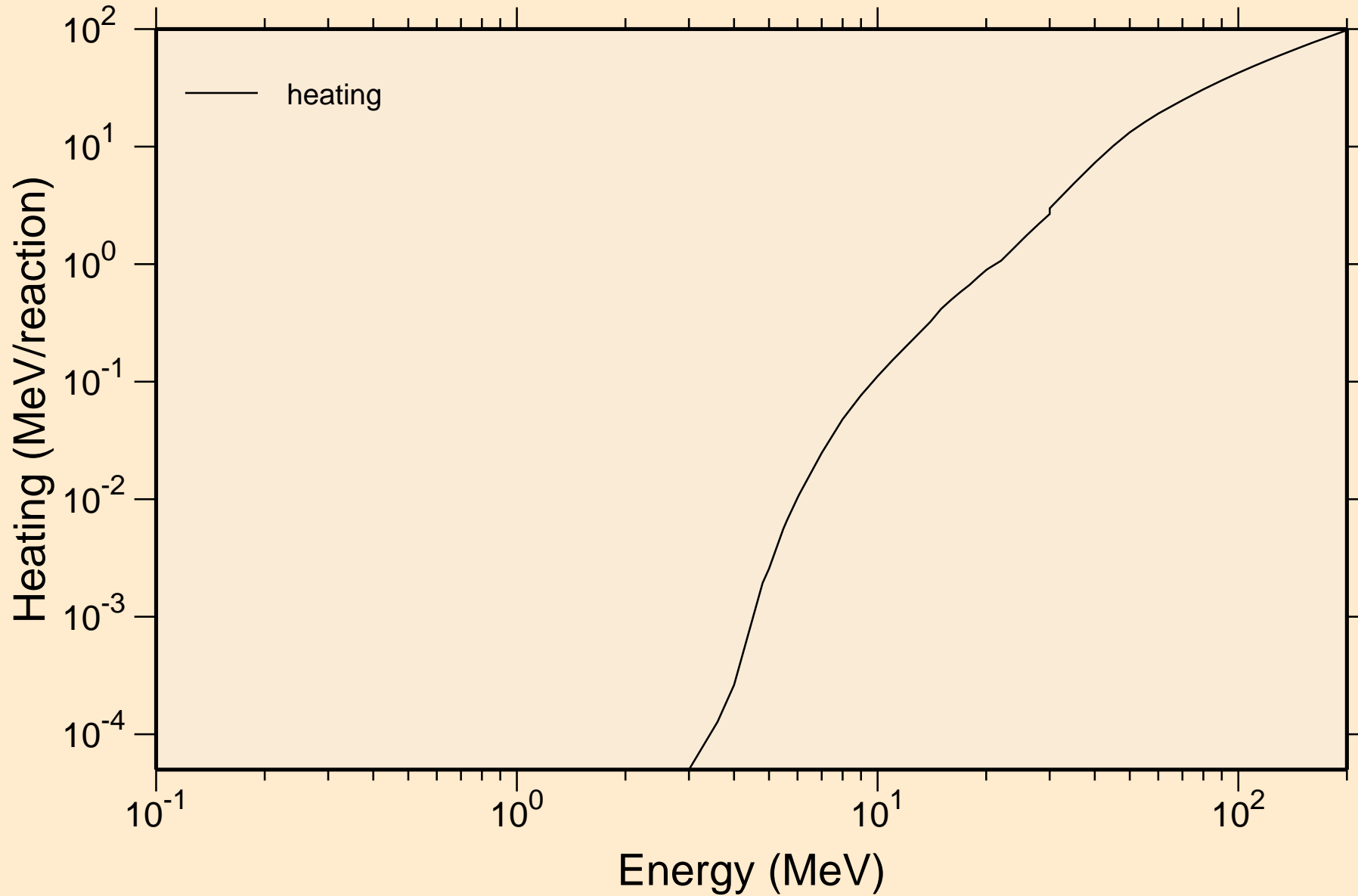


SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



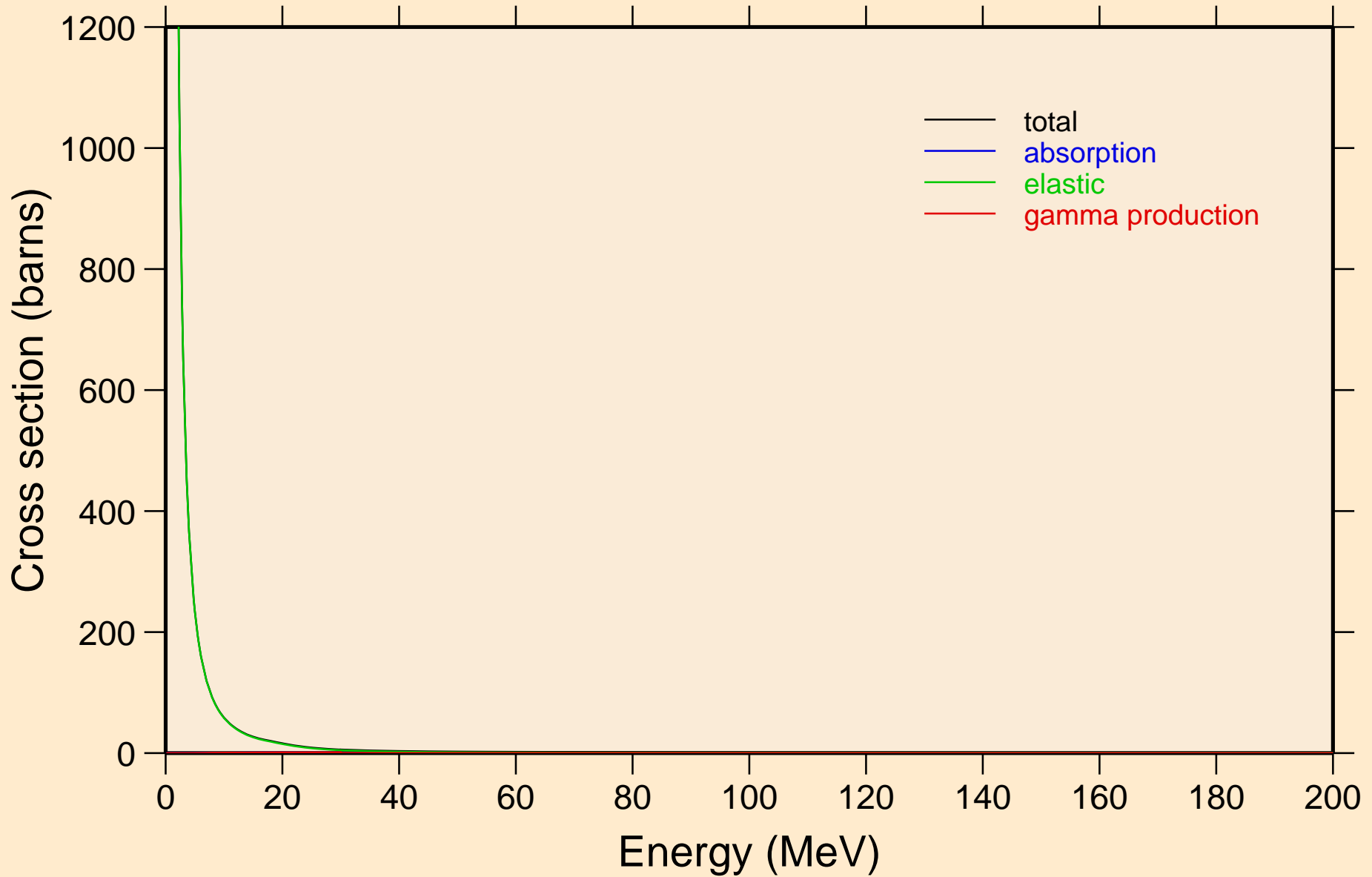
# SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Heating



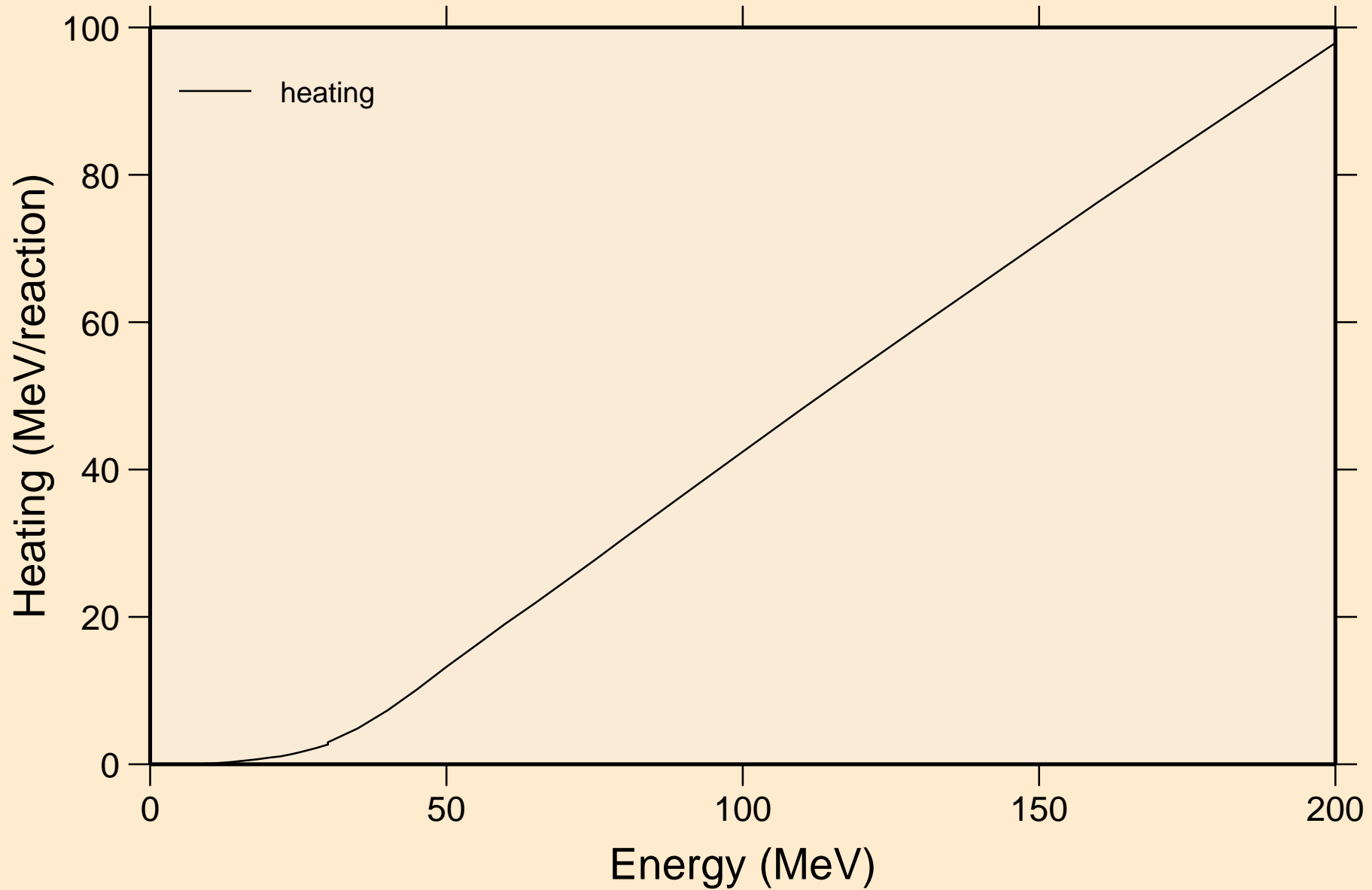
# SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

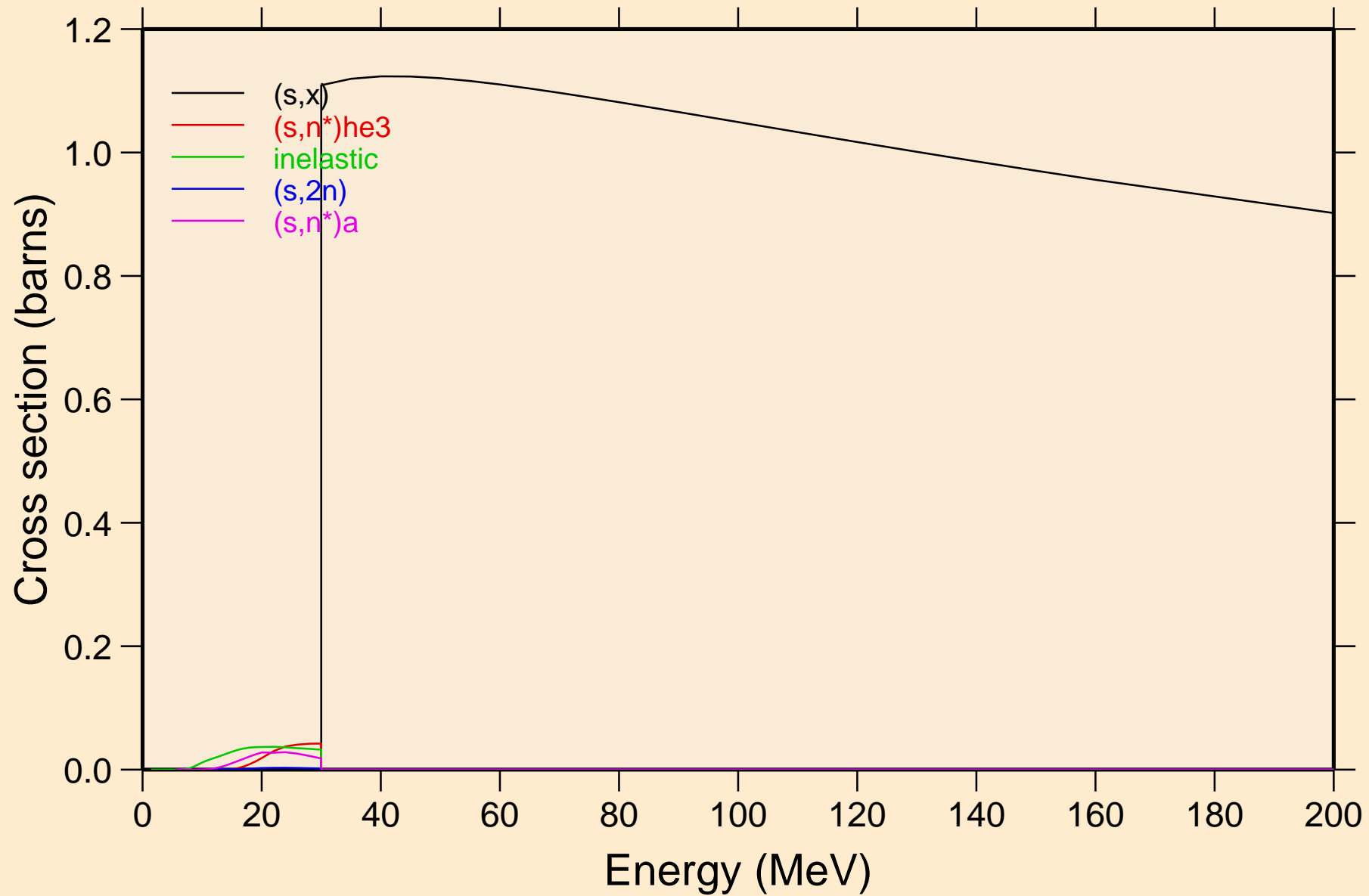


SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K

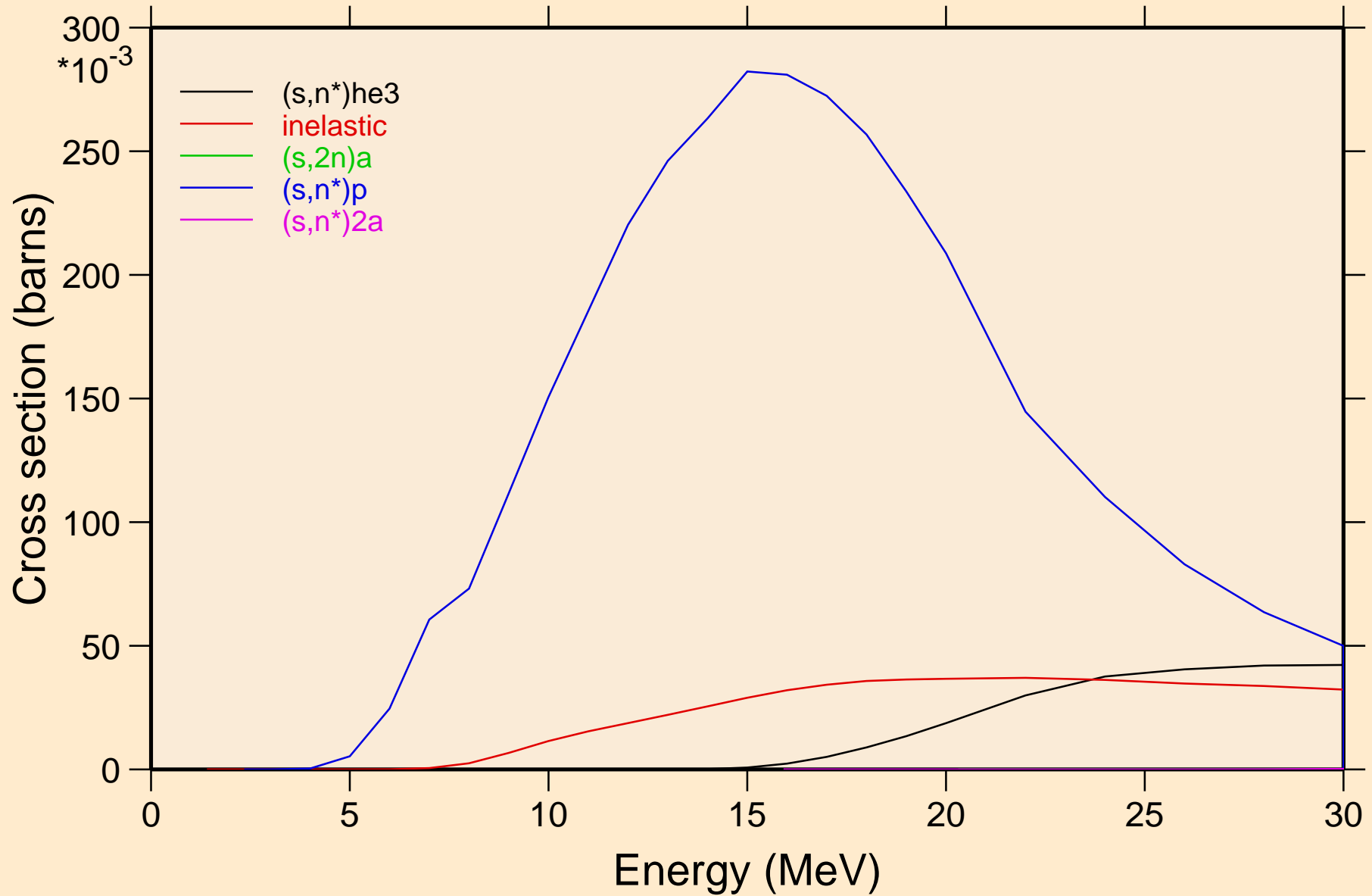
Heating



SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

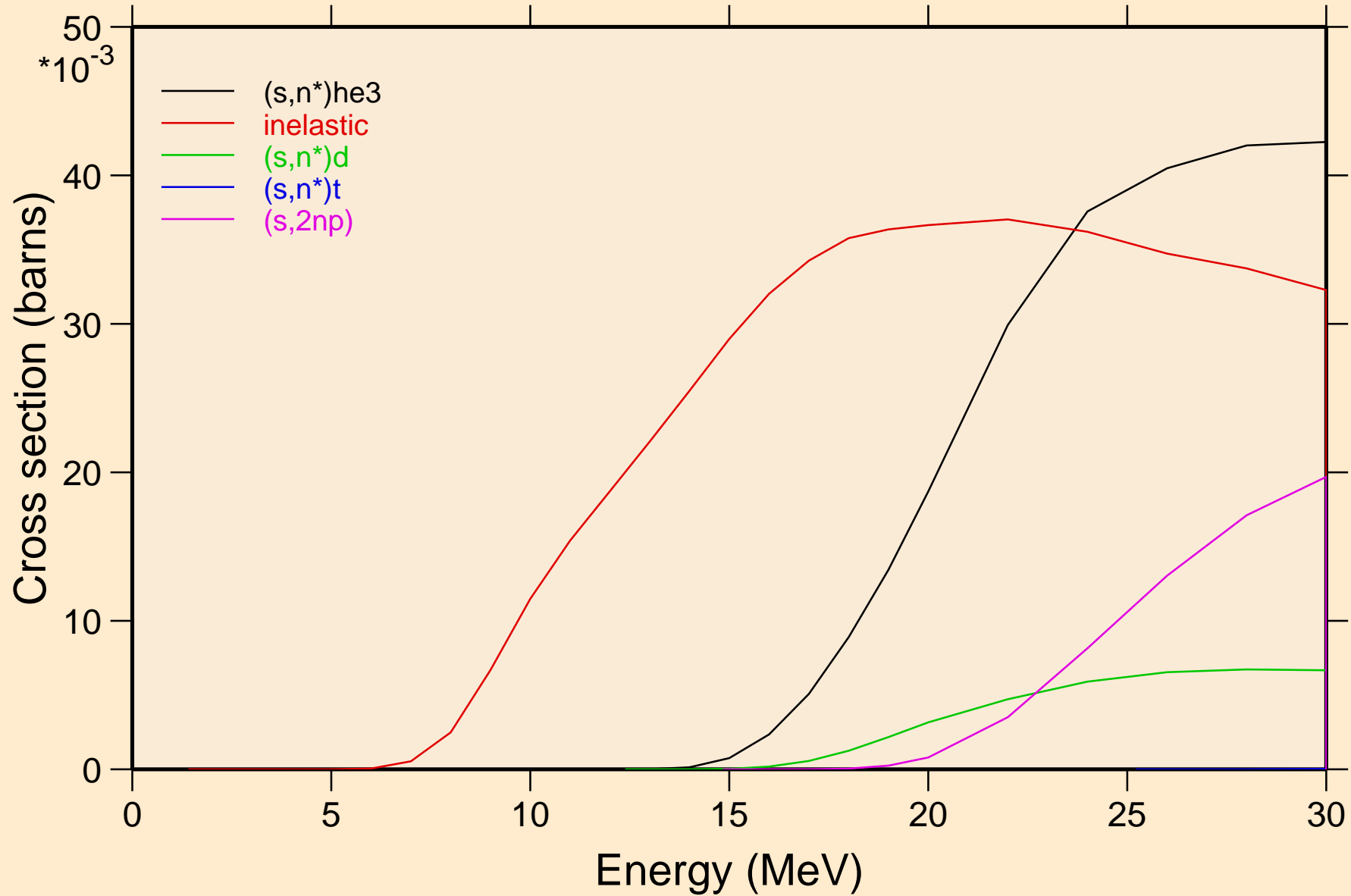


SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



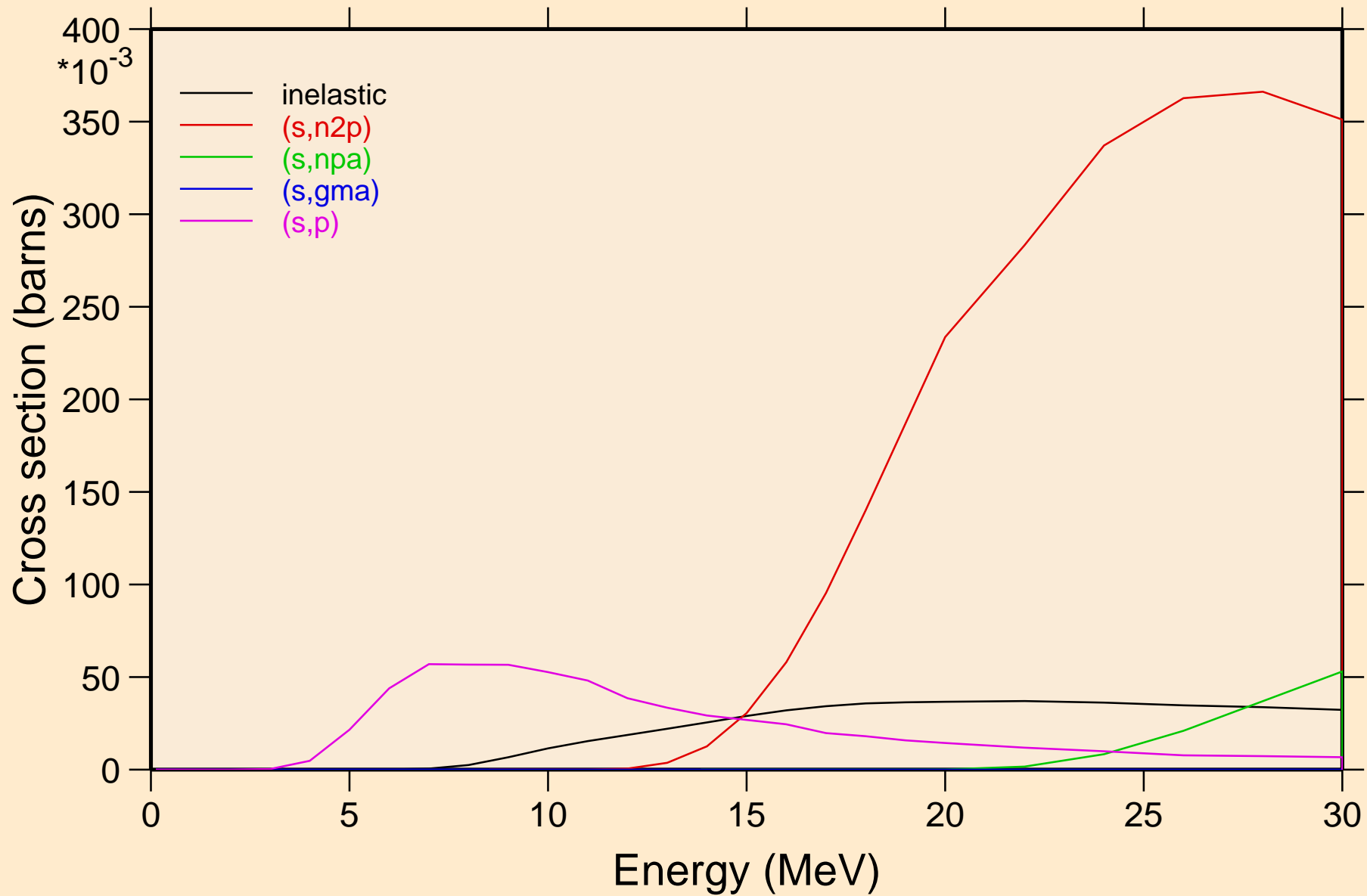
# SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



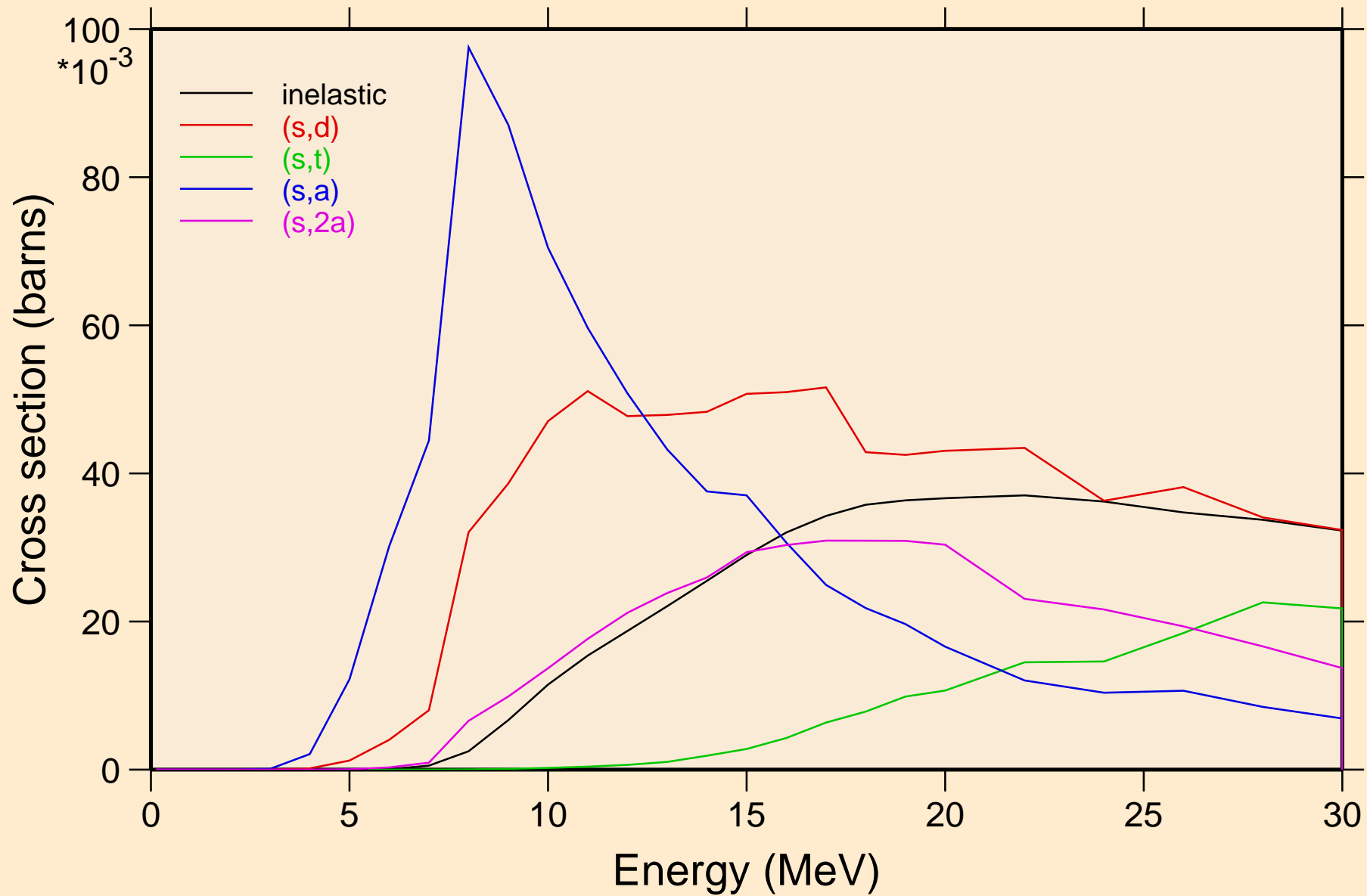
# SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

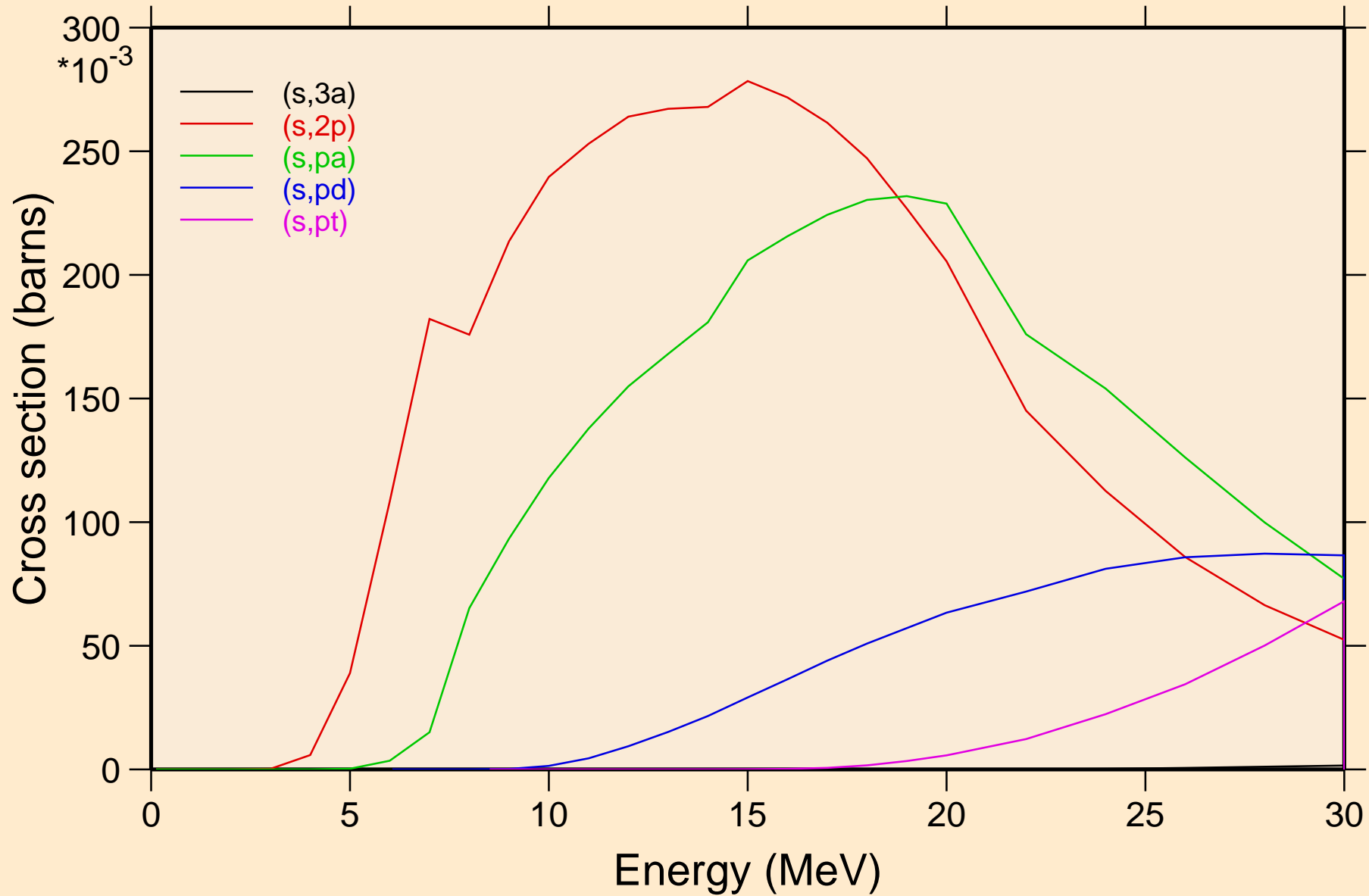


# SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

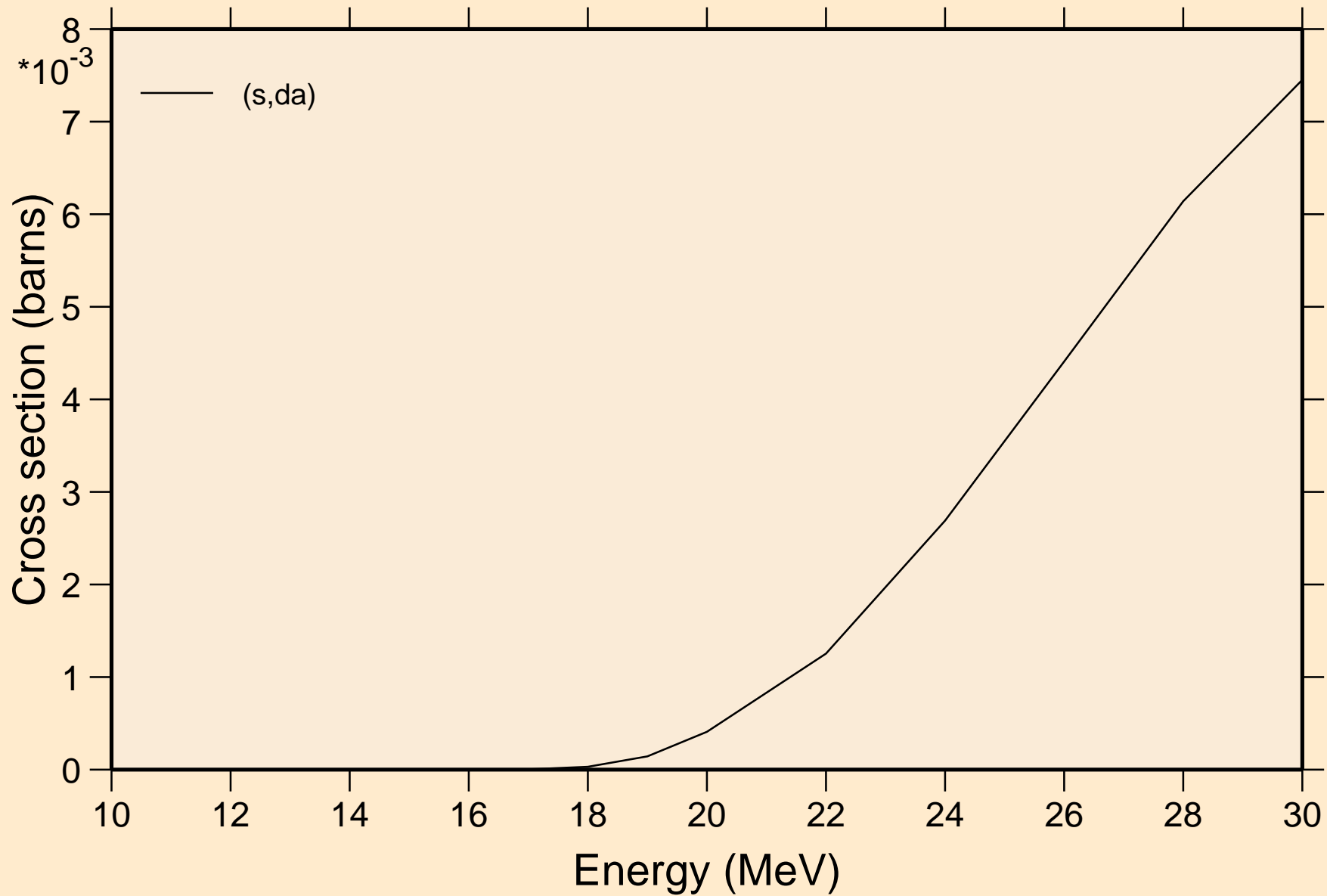


SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

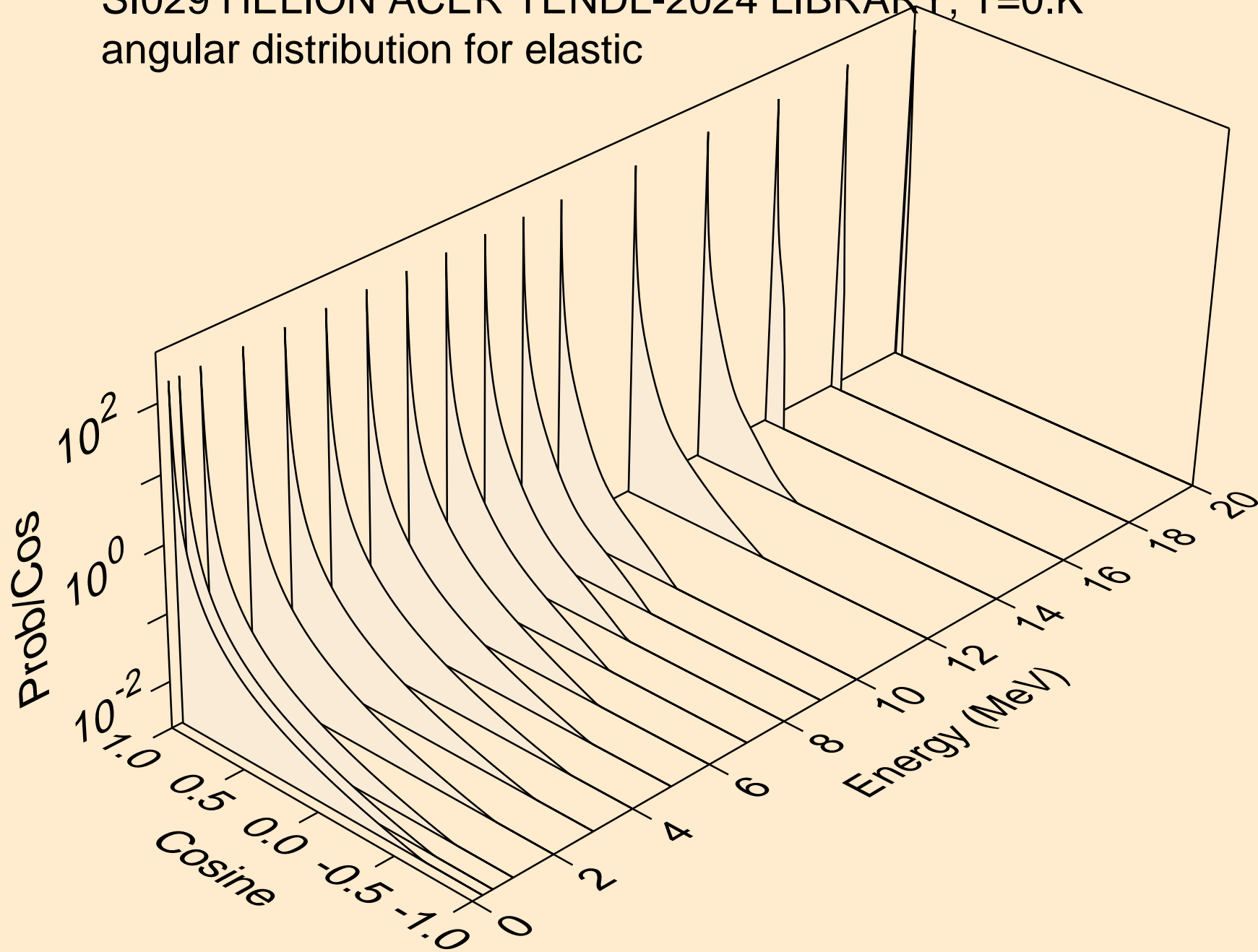


# SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K

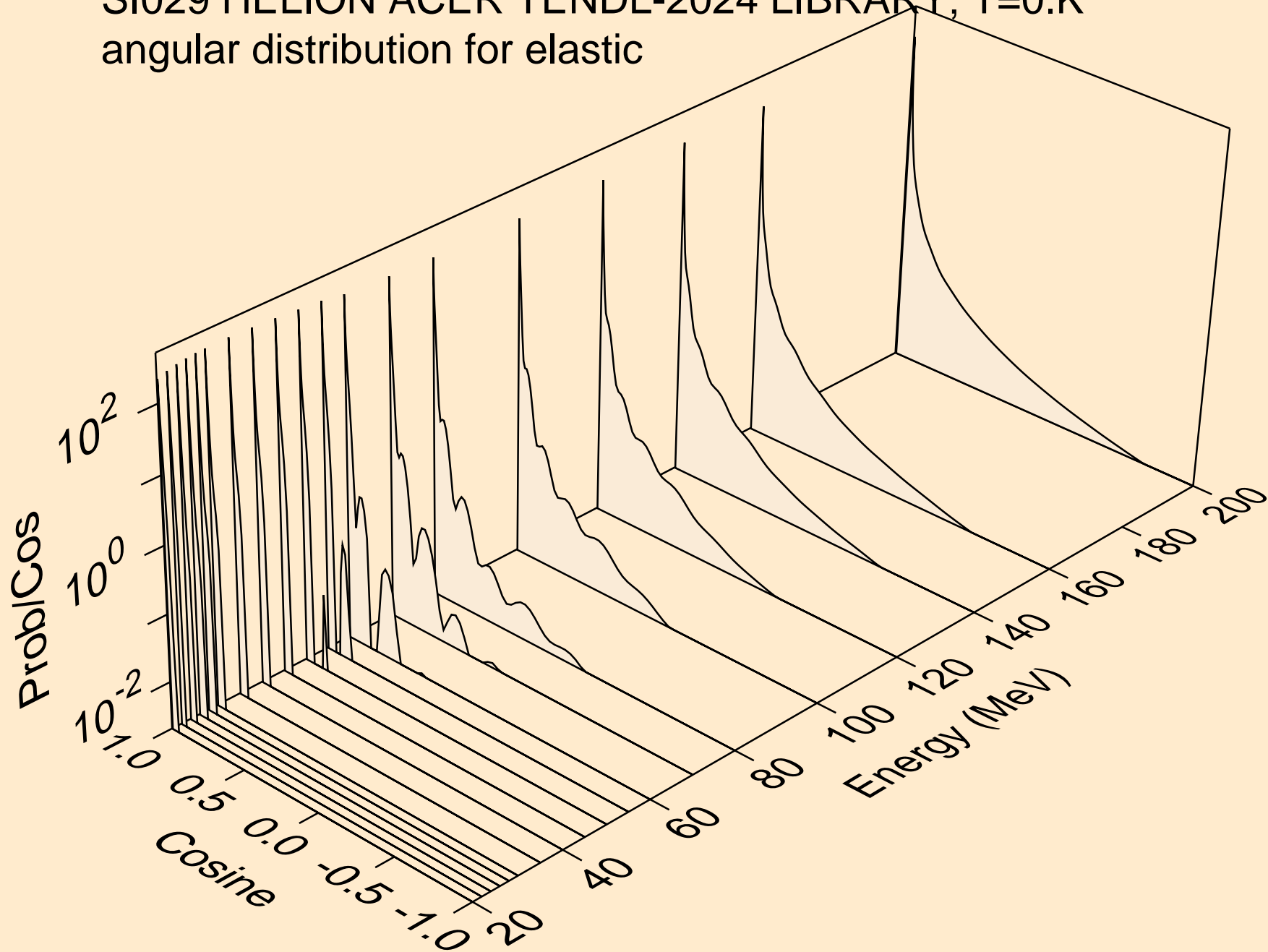
## Threshold reactions



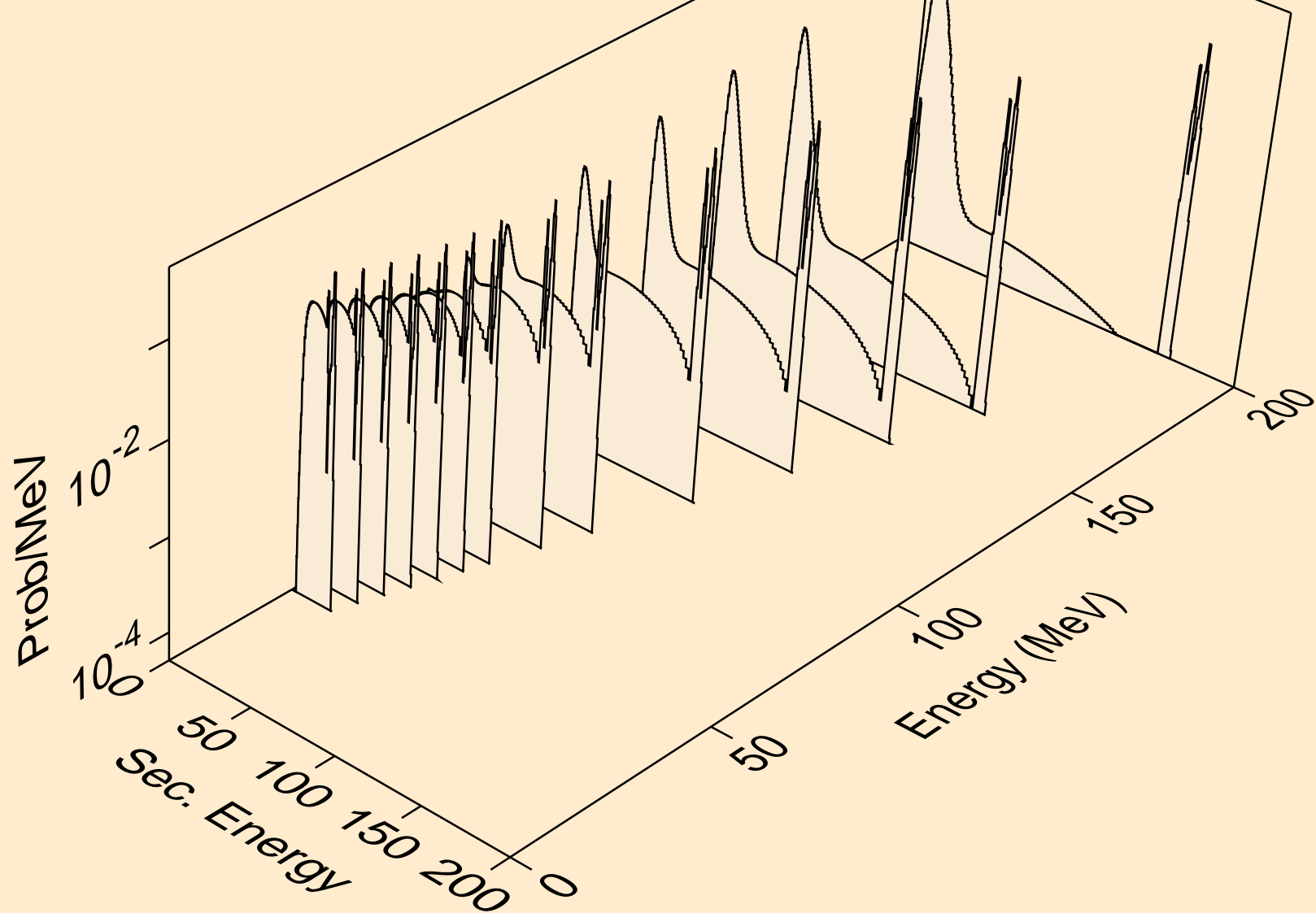
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



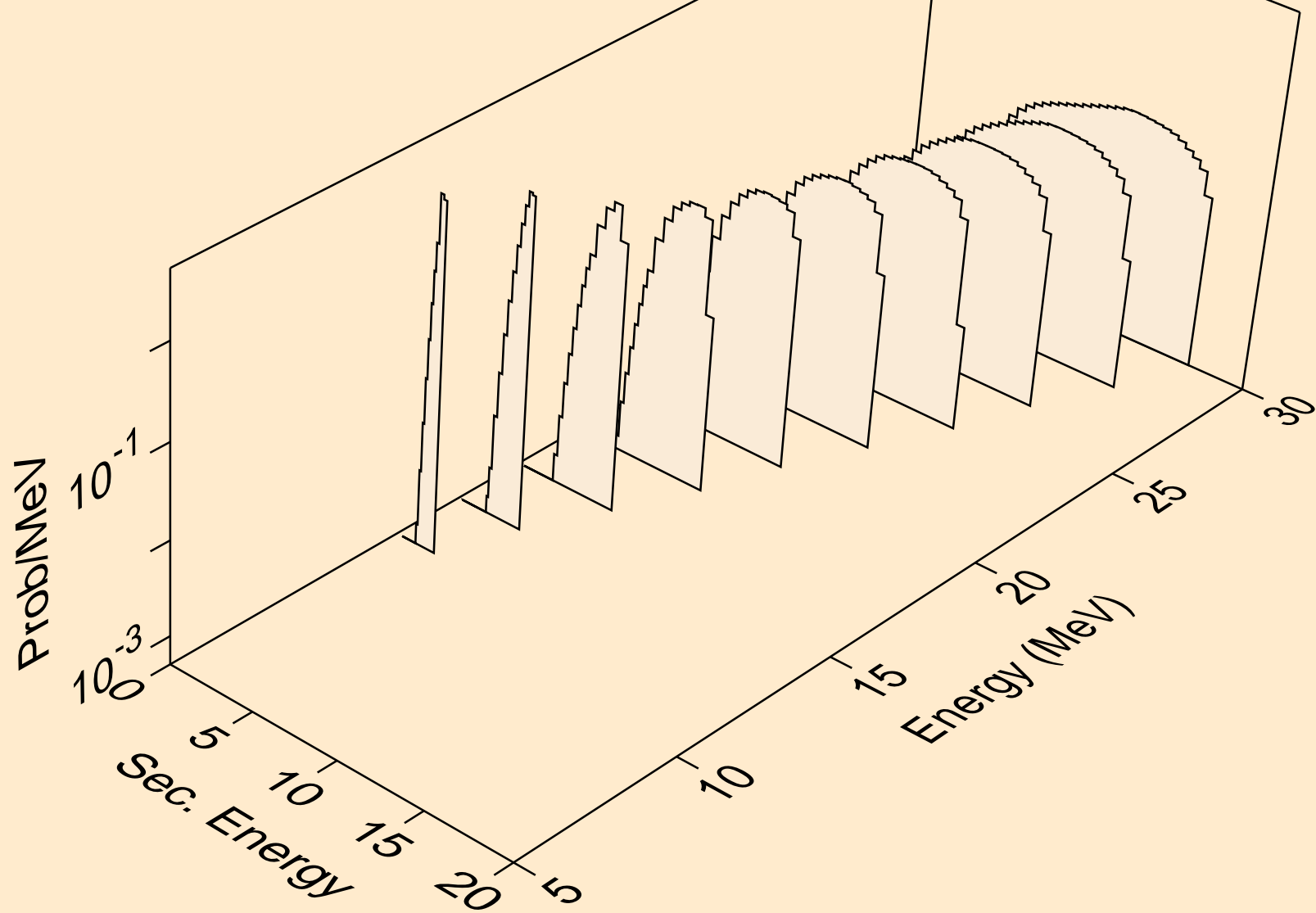
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



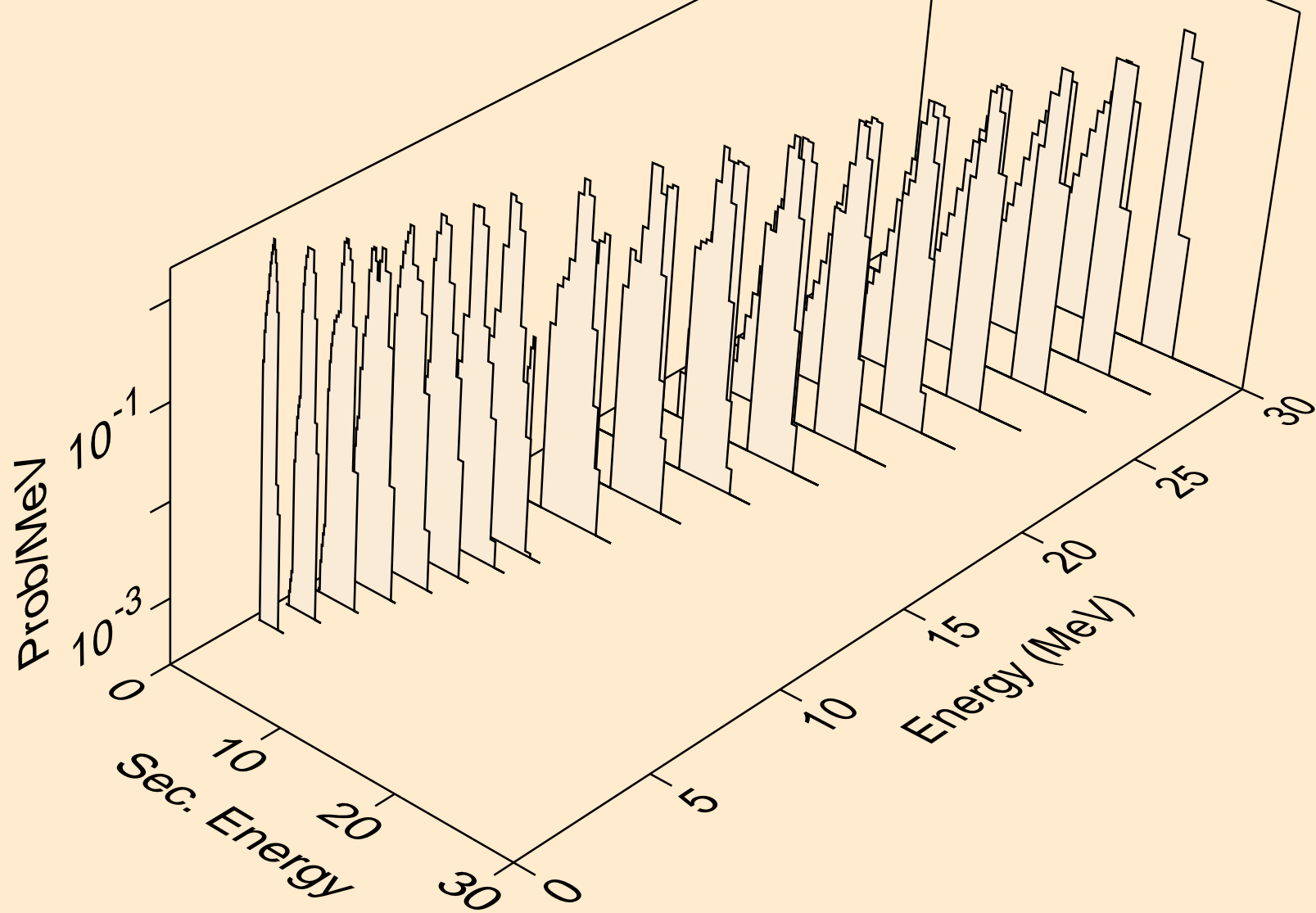
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



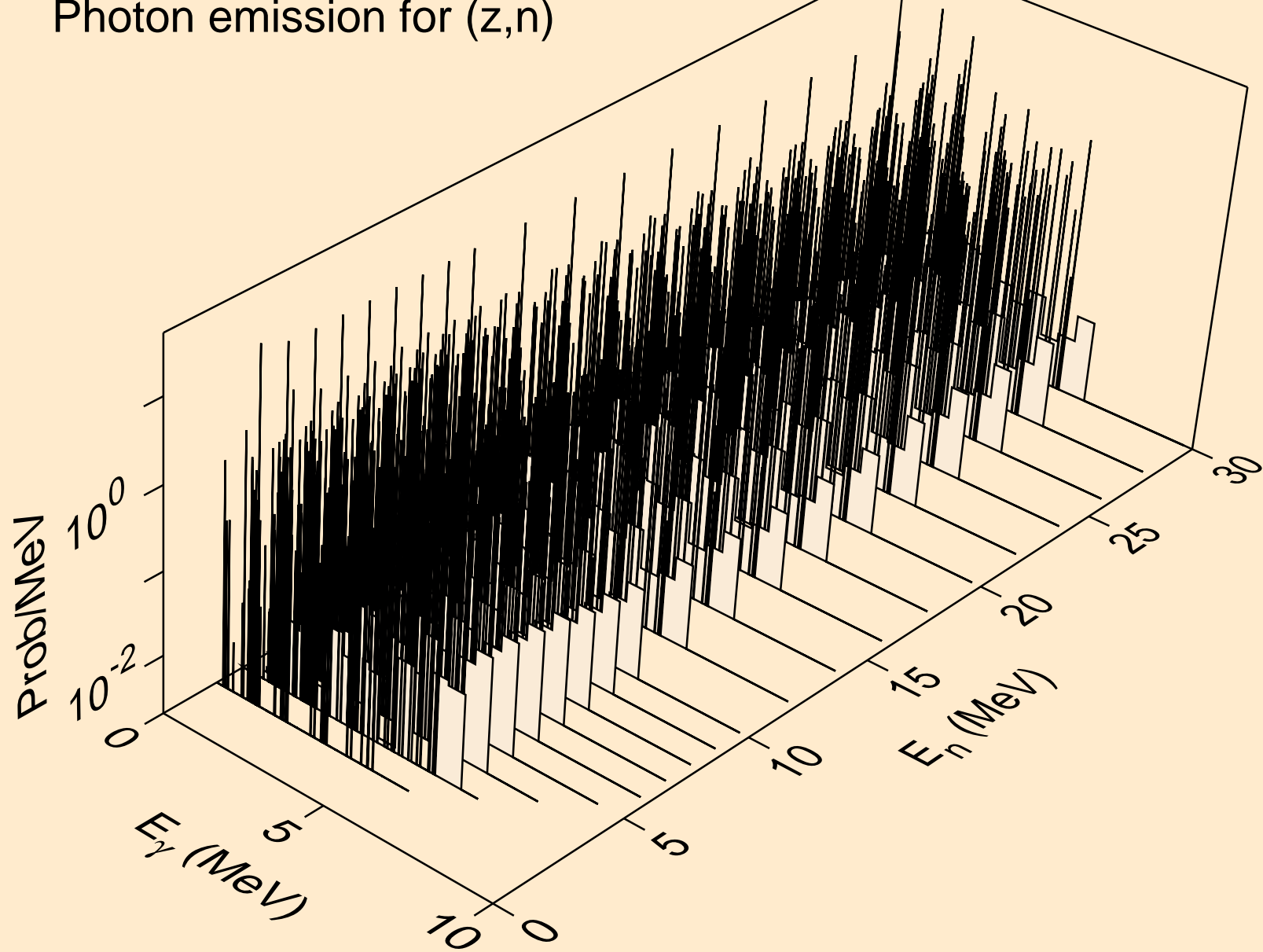
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



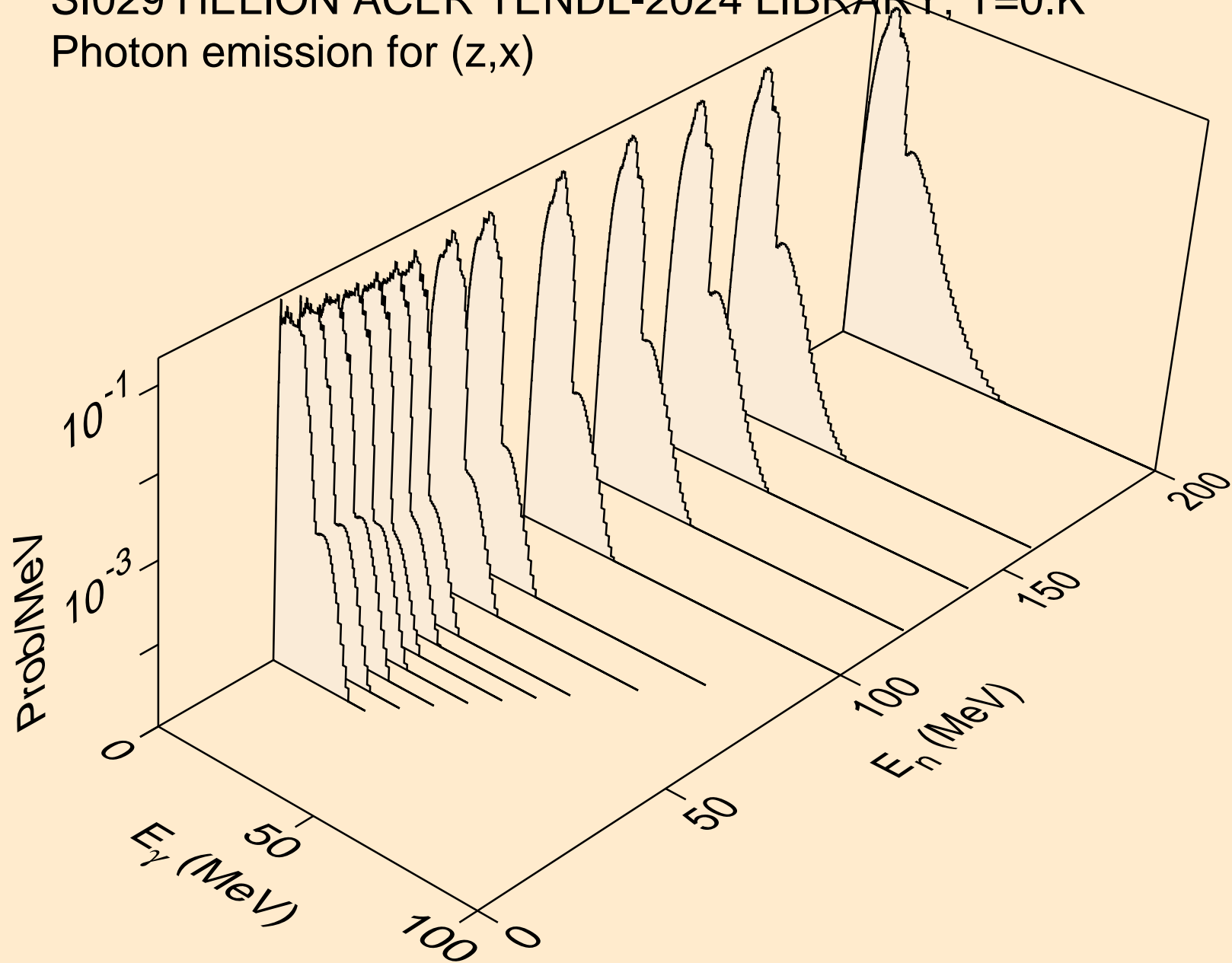
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



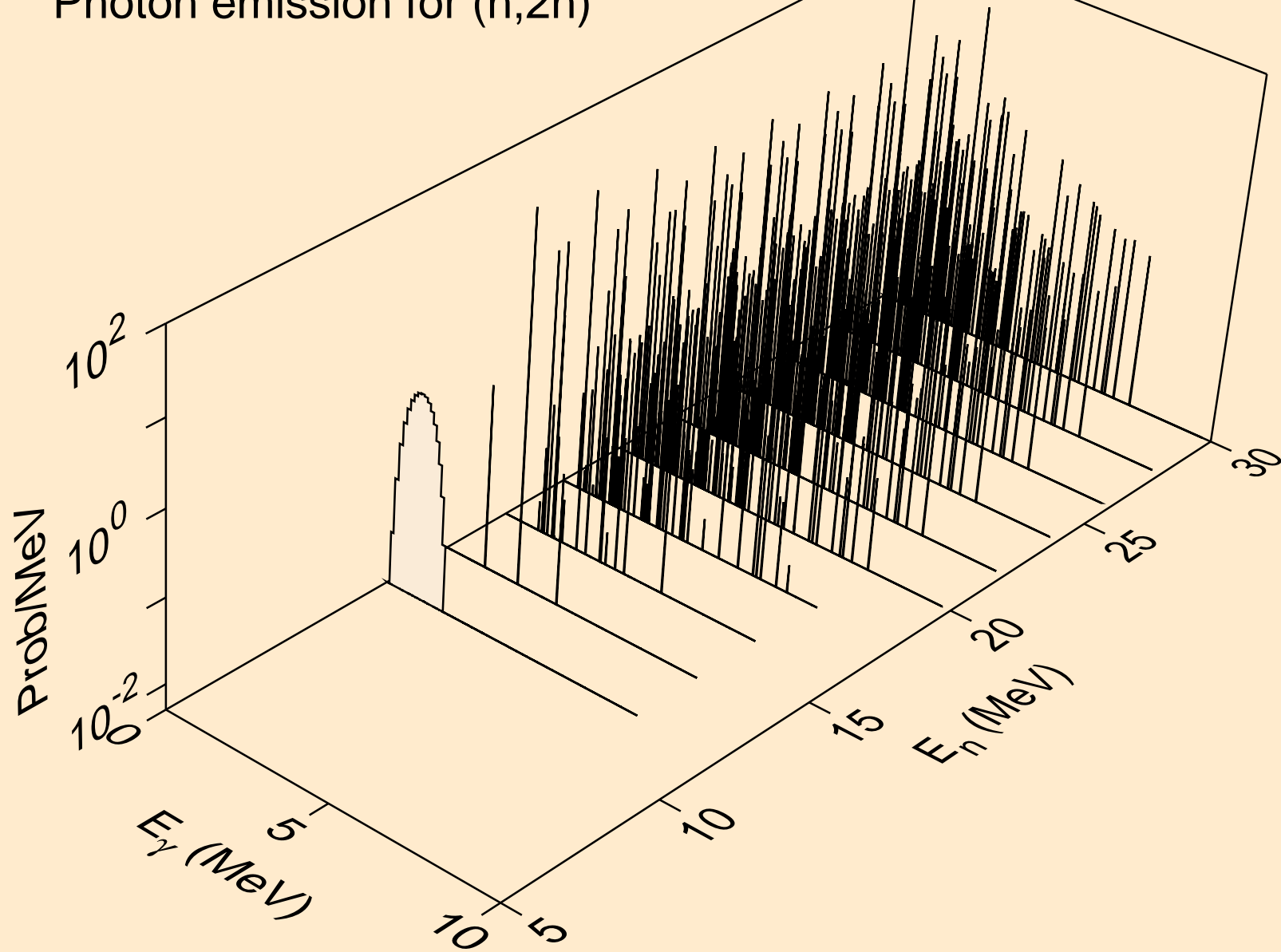
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



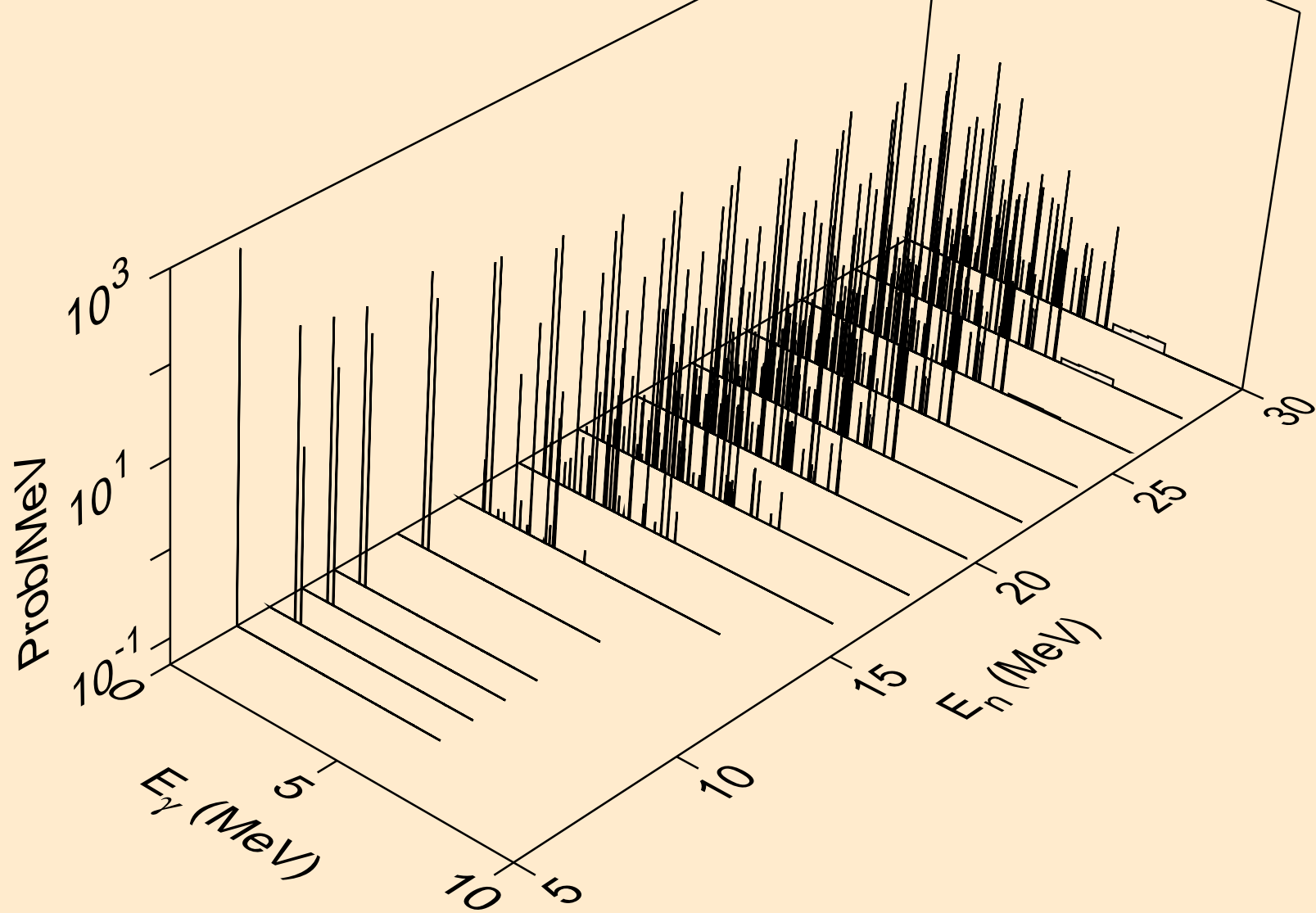
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



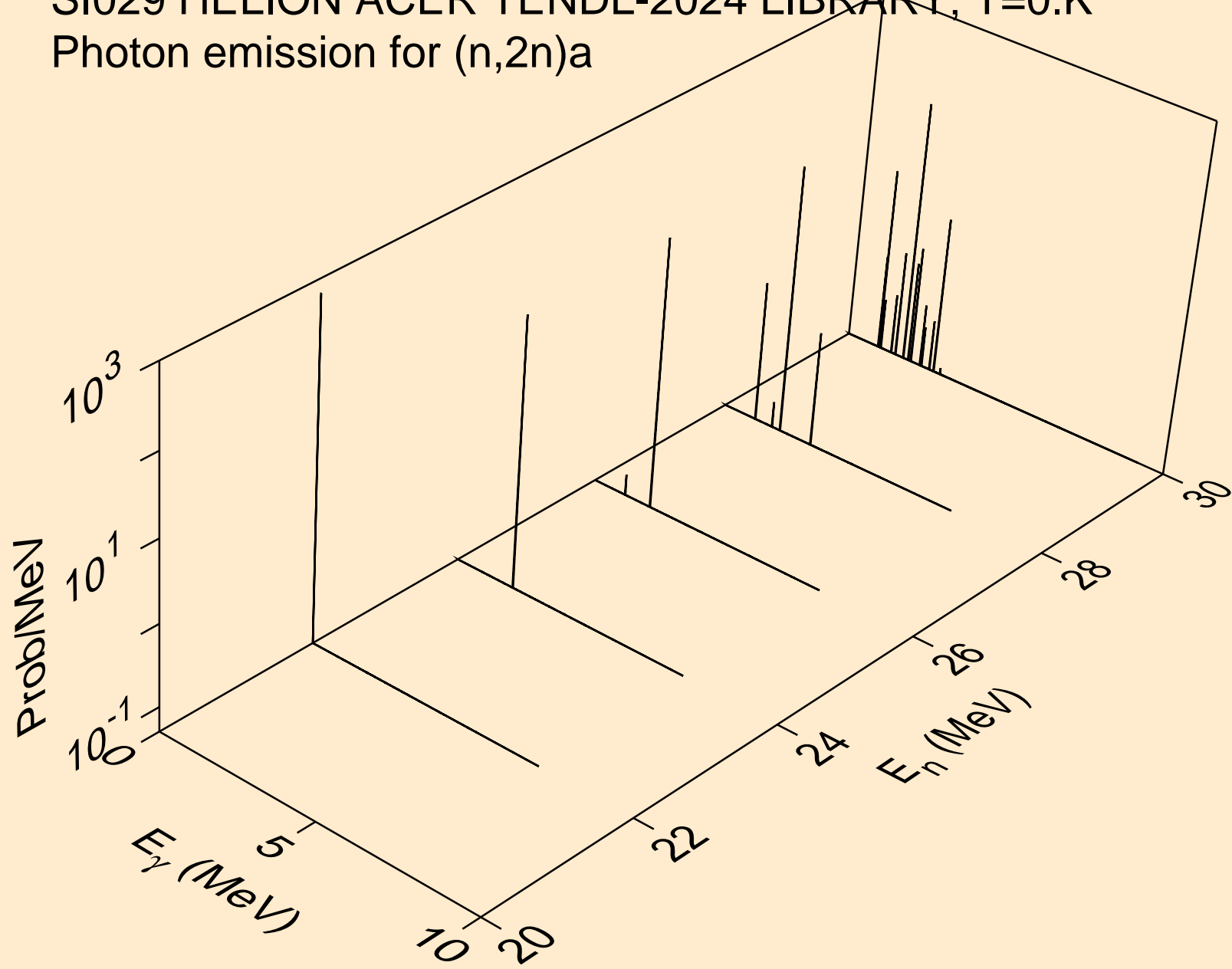
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



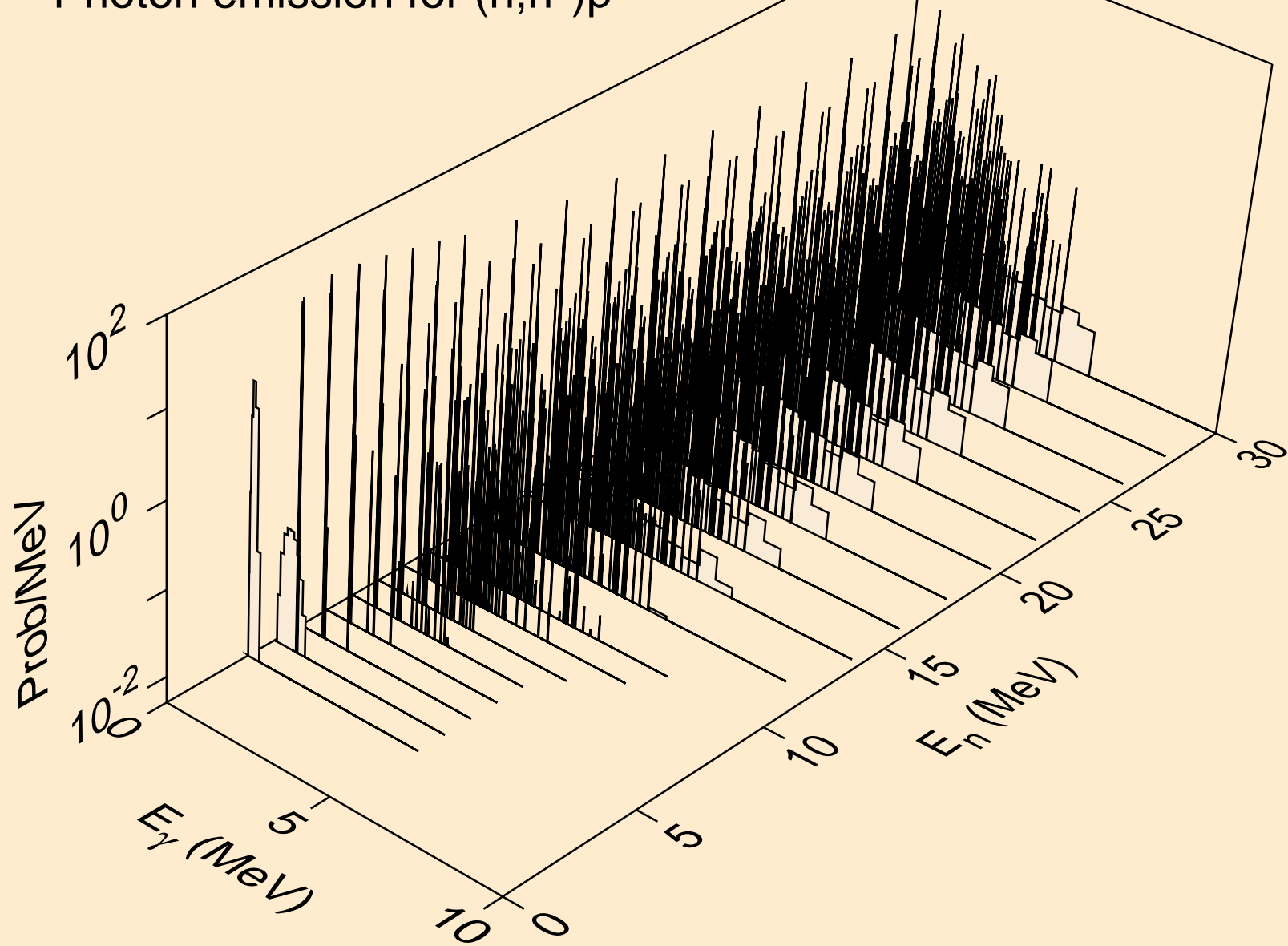
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



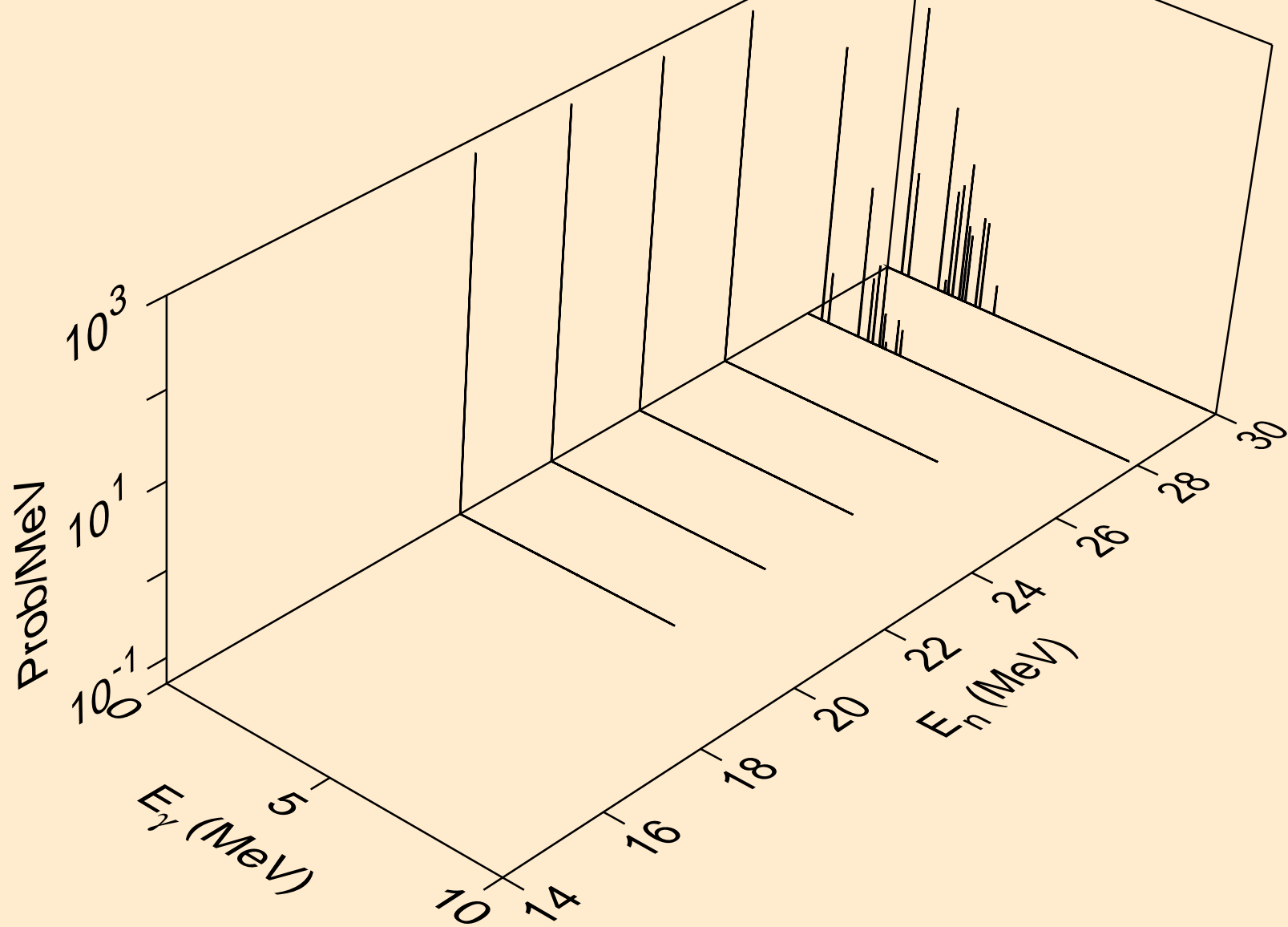
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



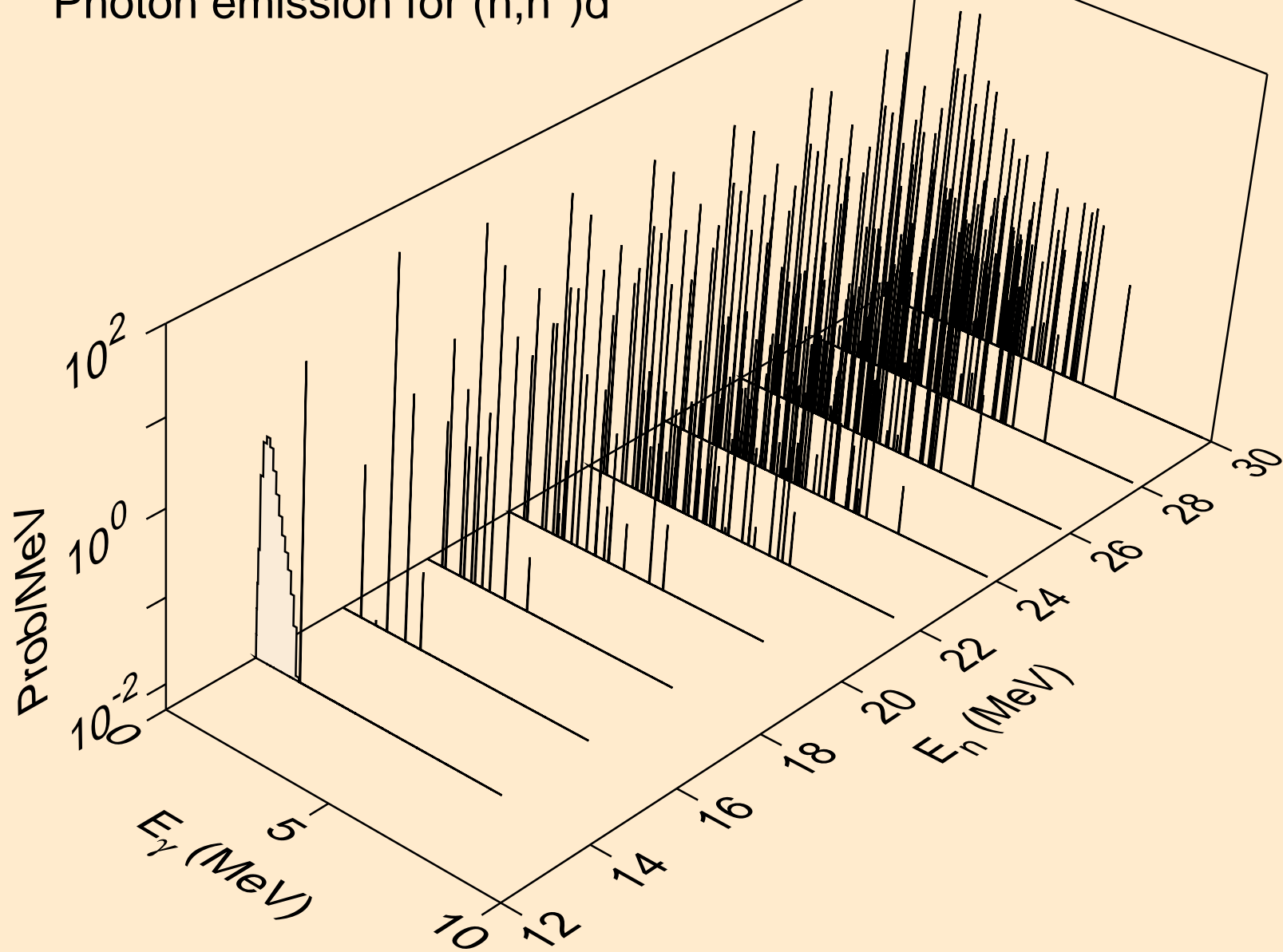
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



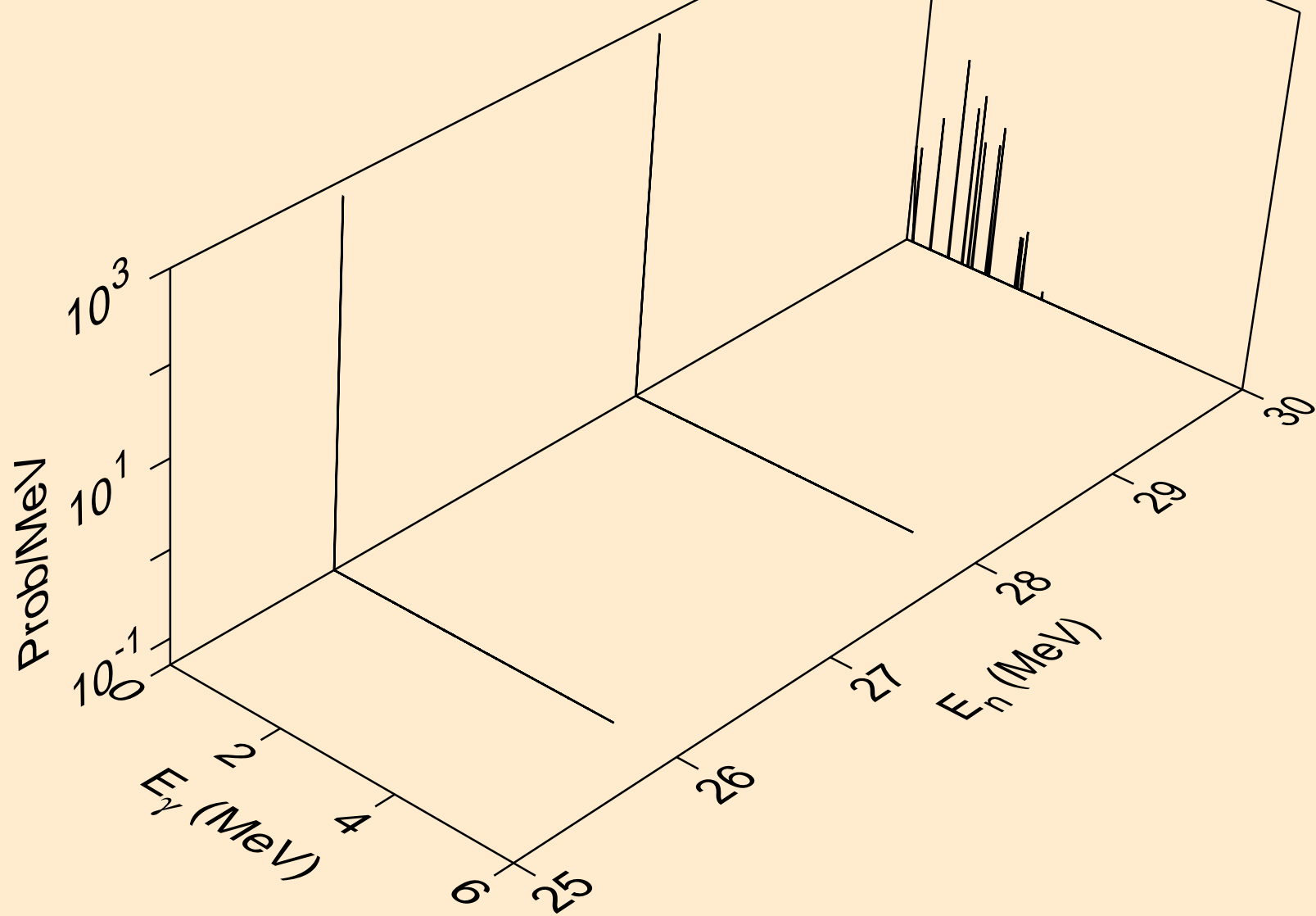
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



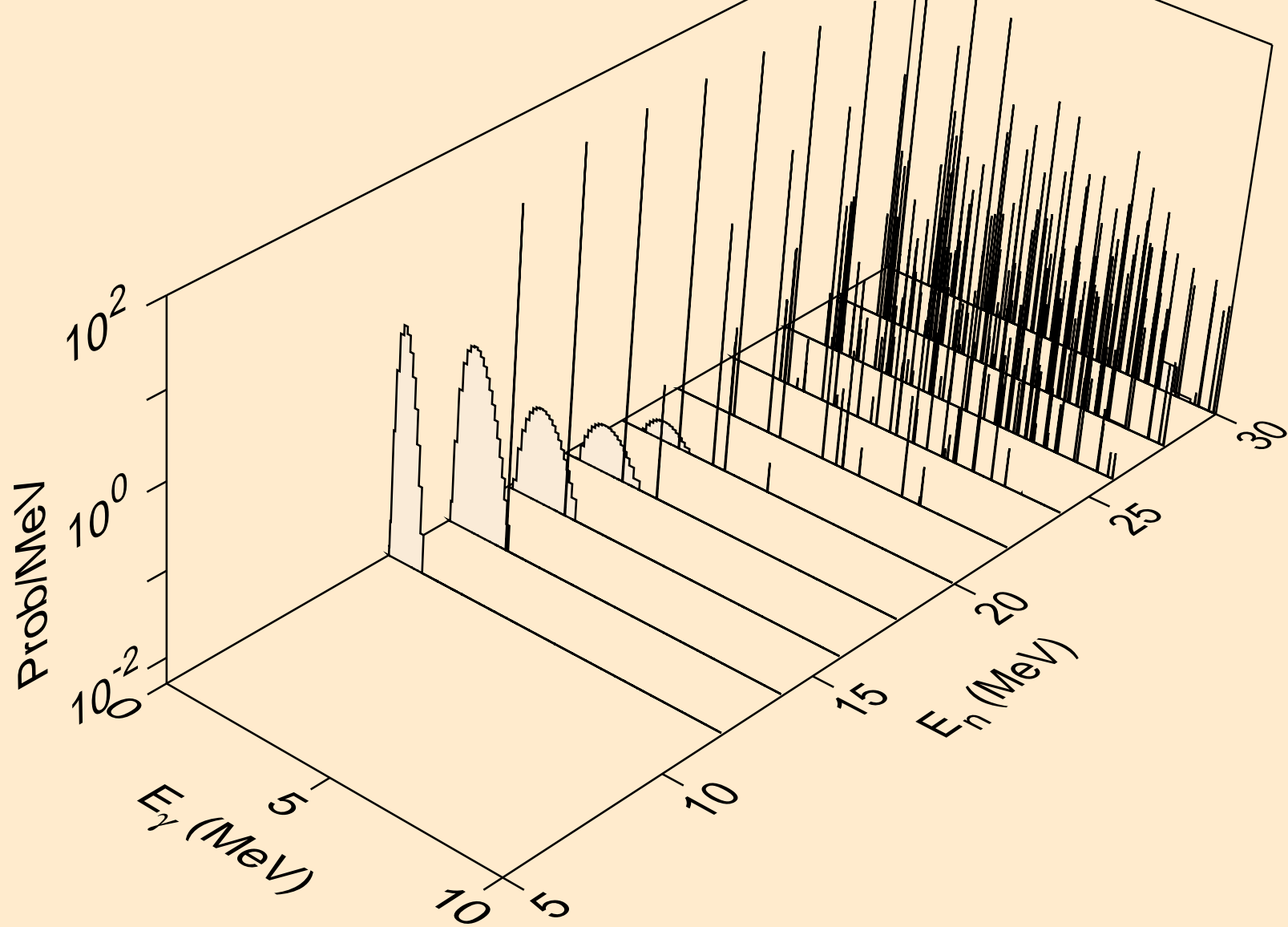
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



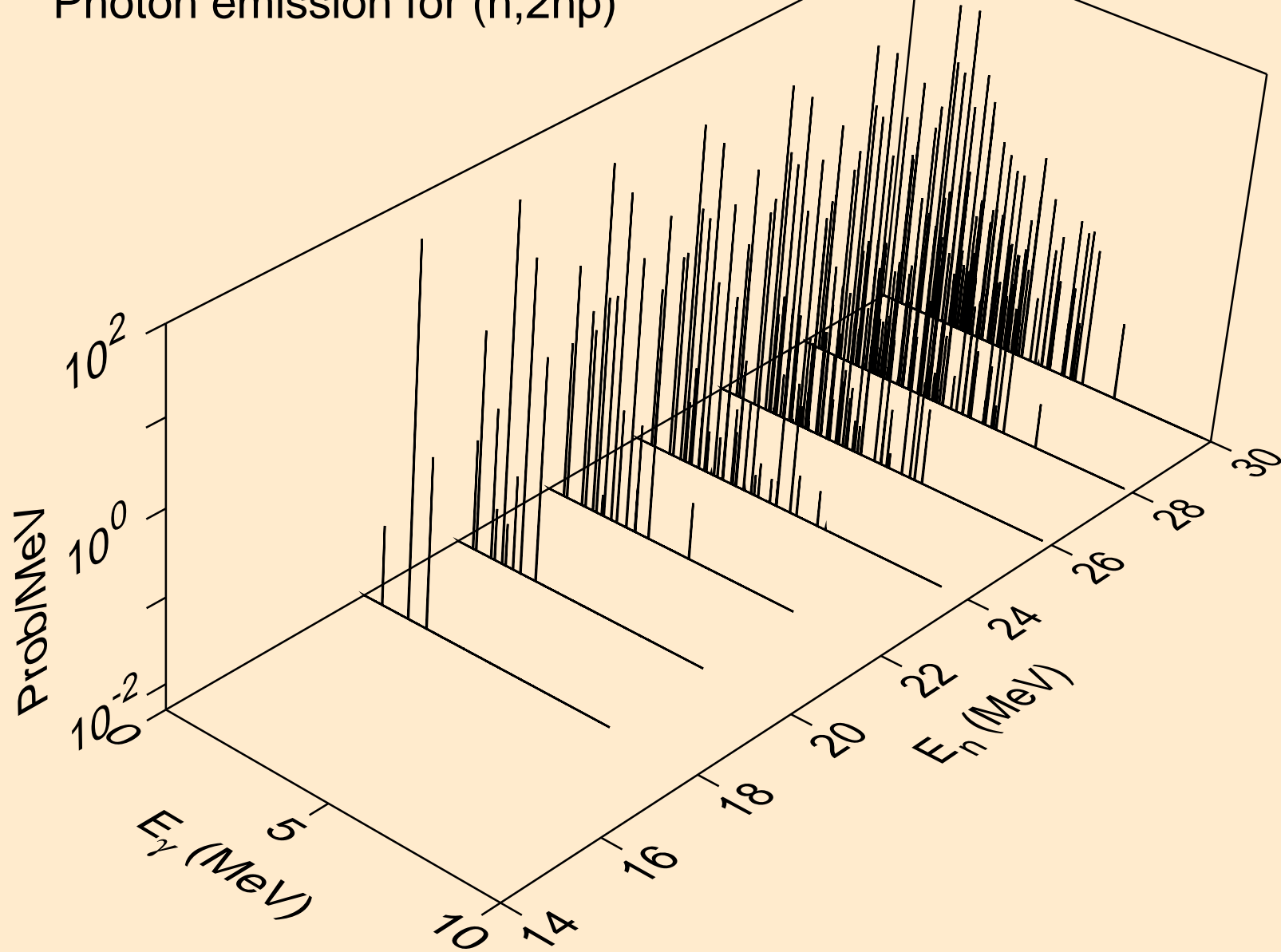
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



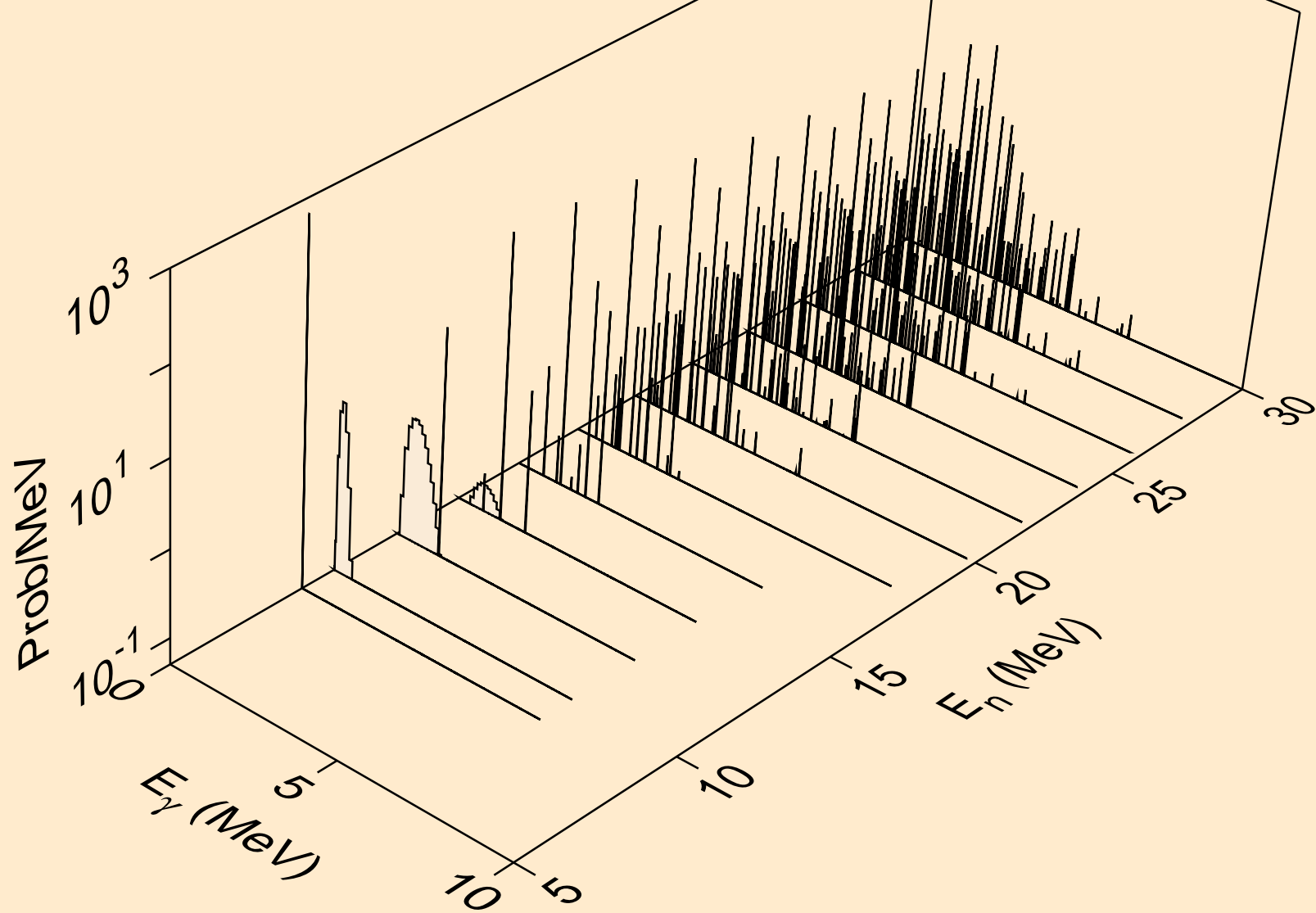
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



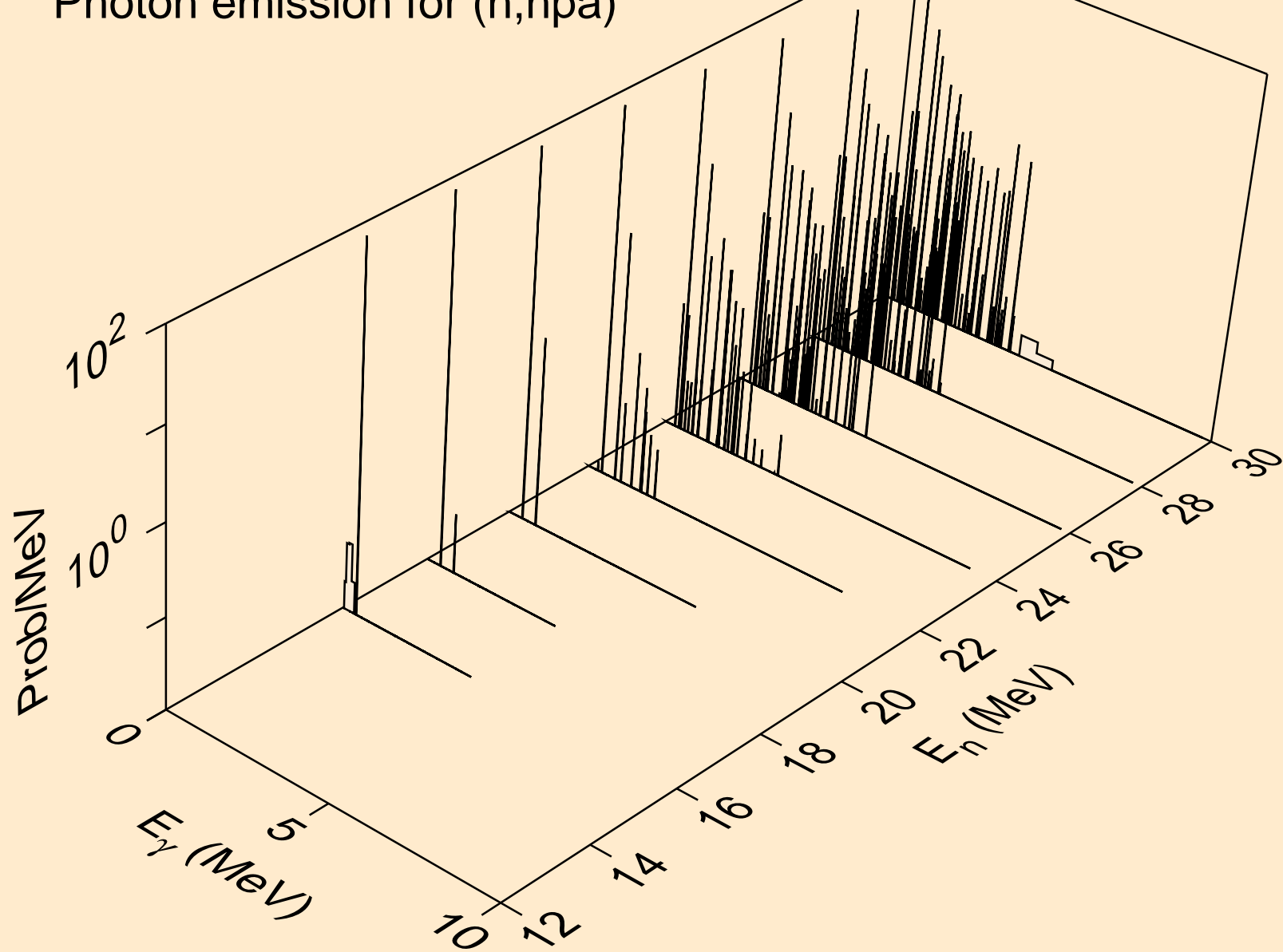
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



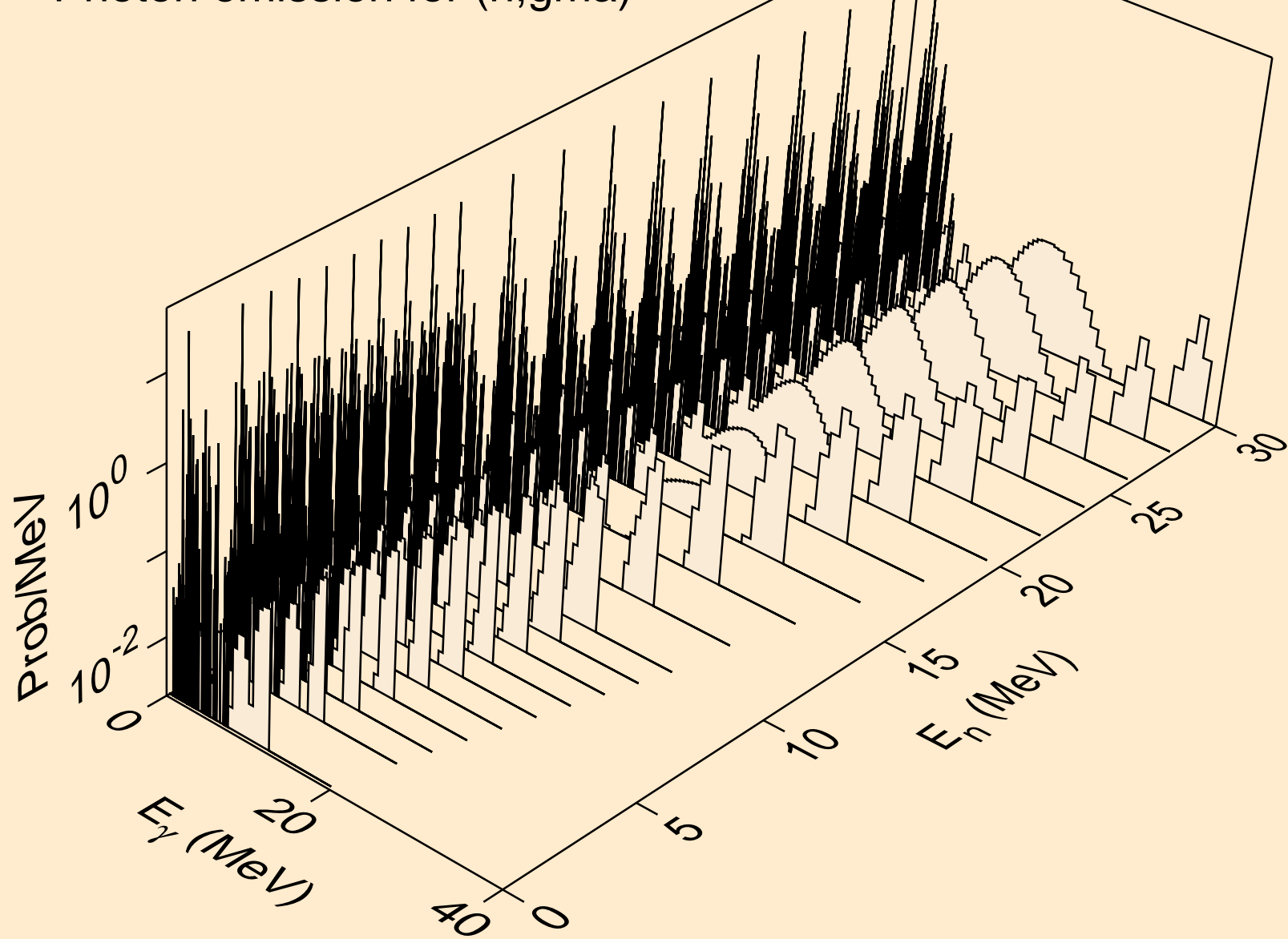
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



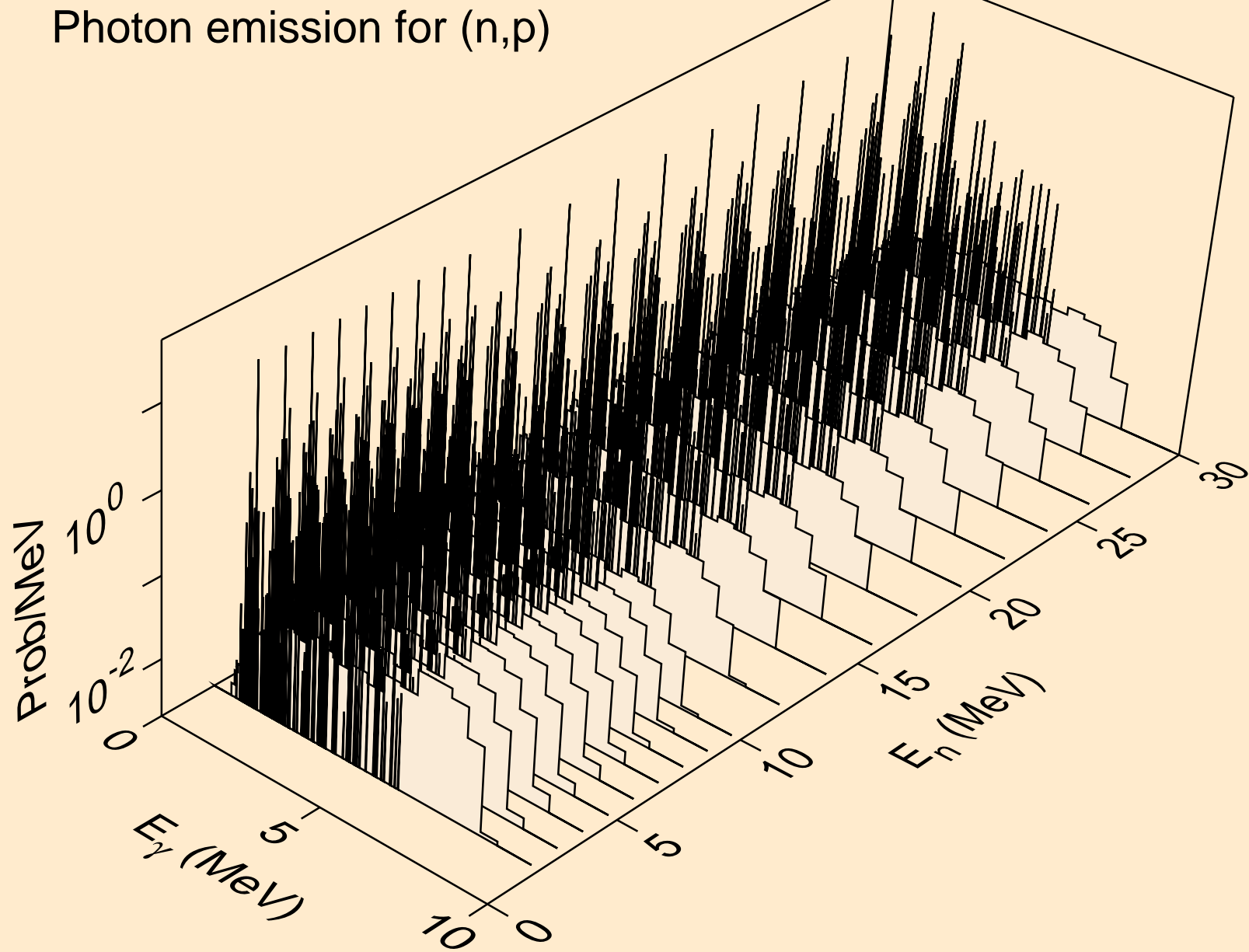
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



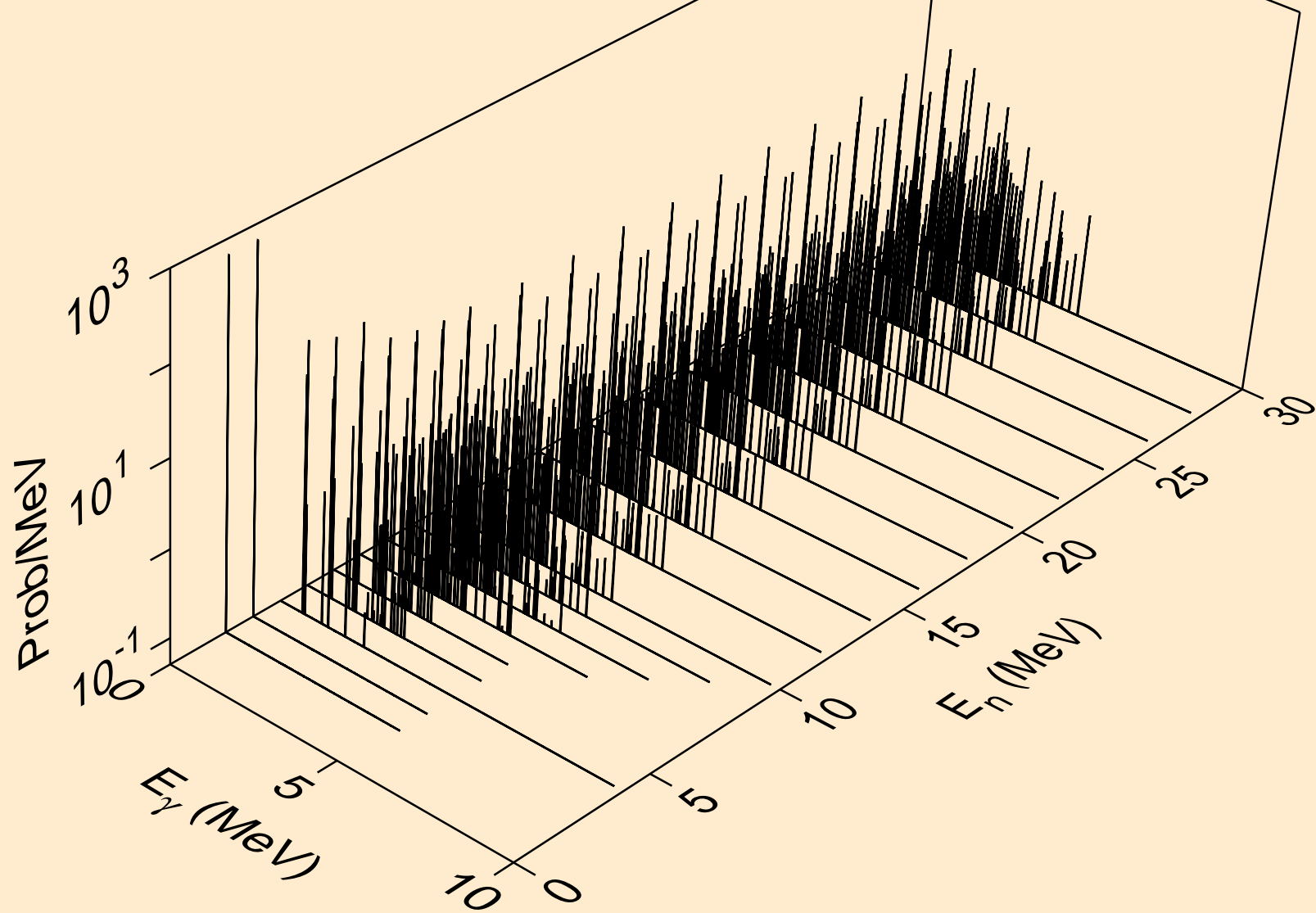
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



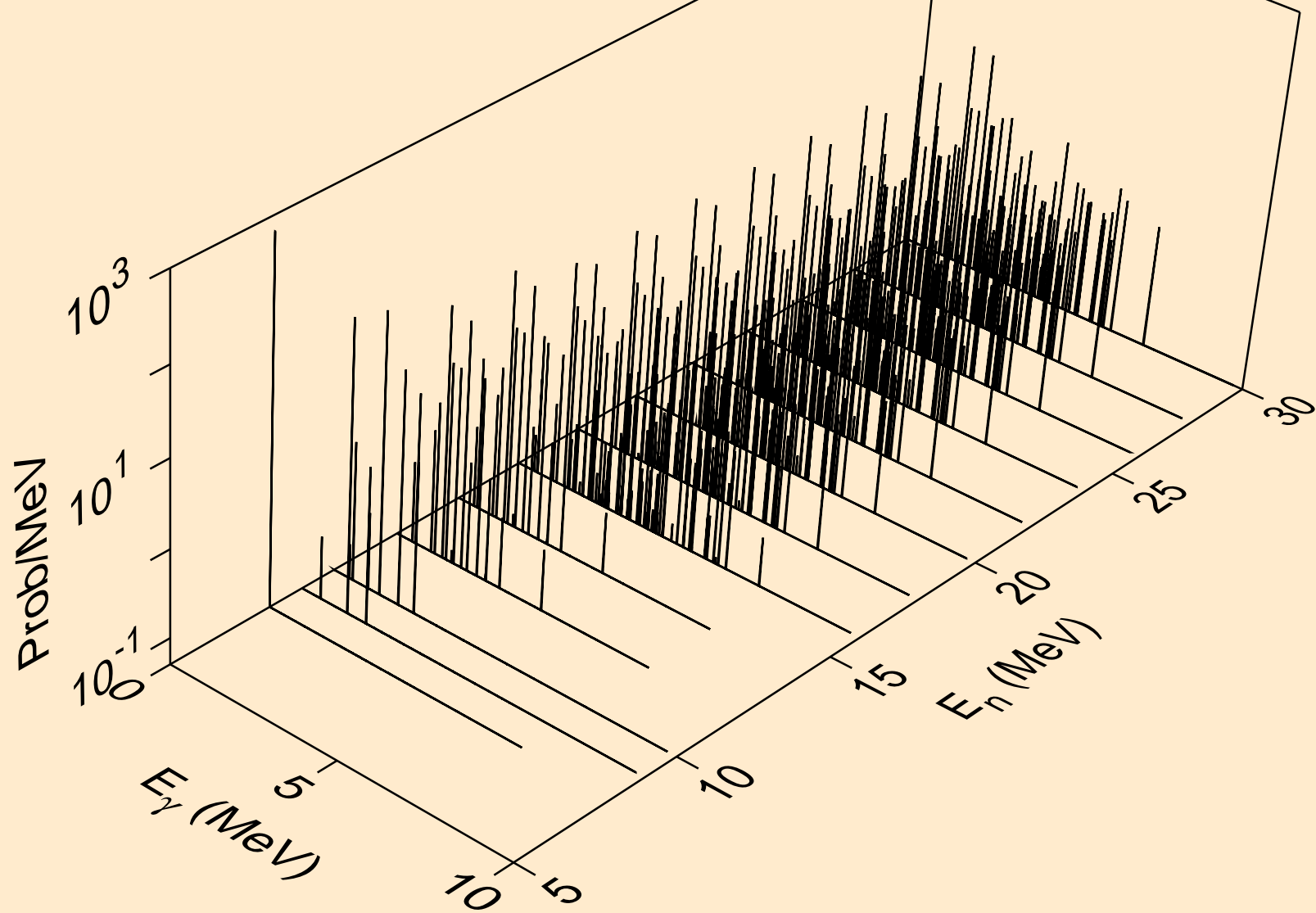
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



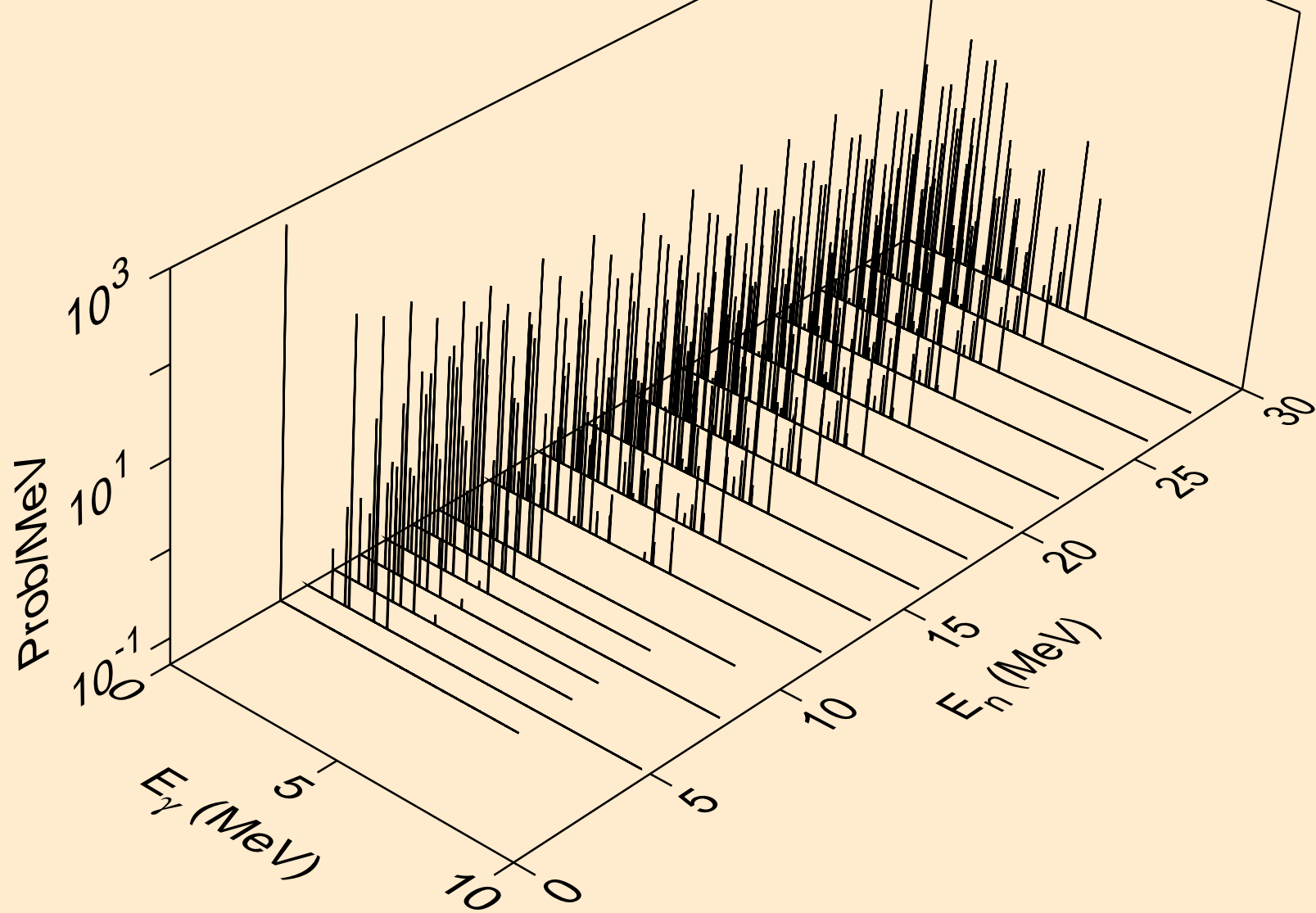
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



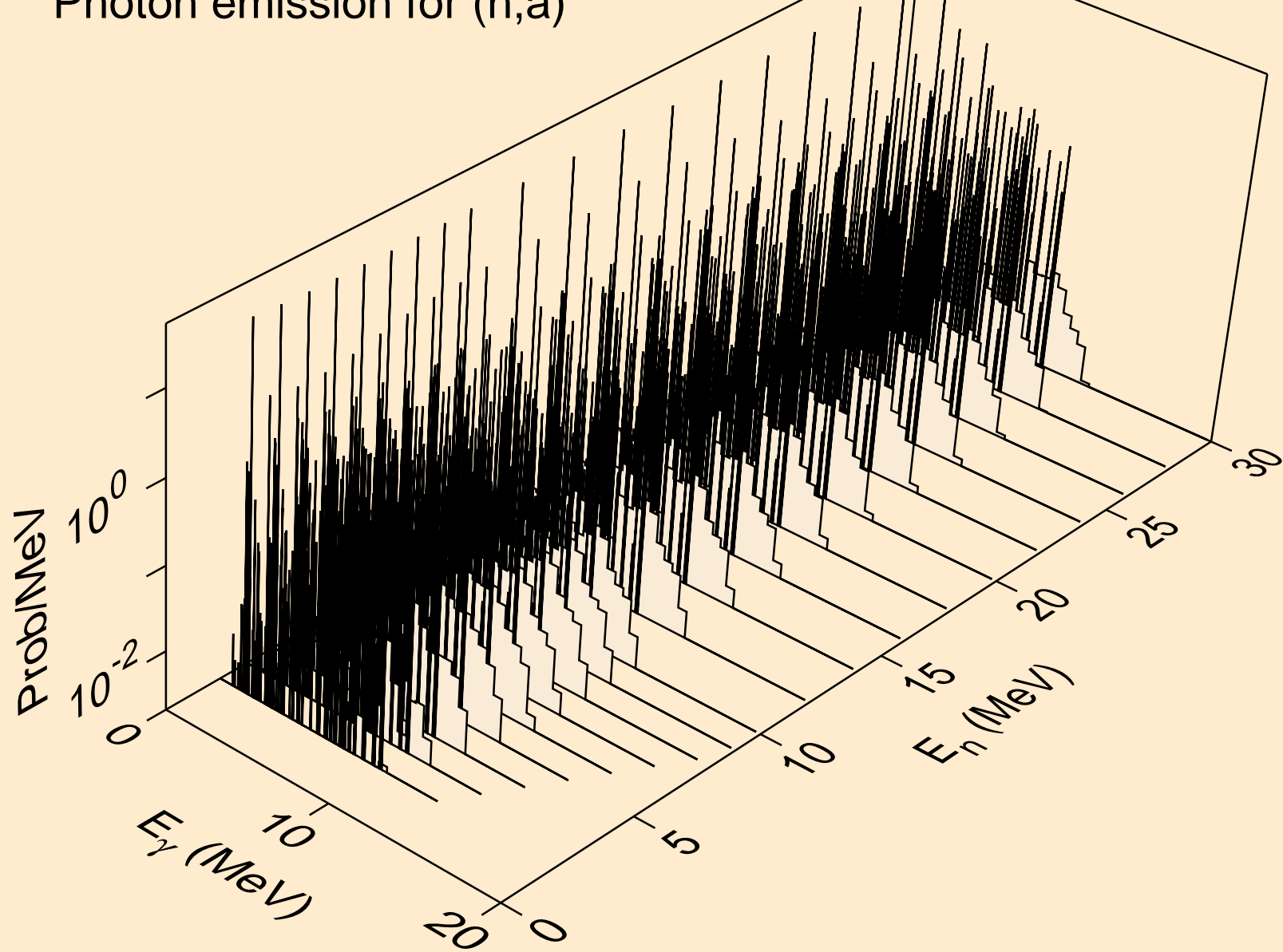
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



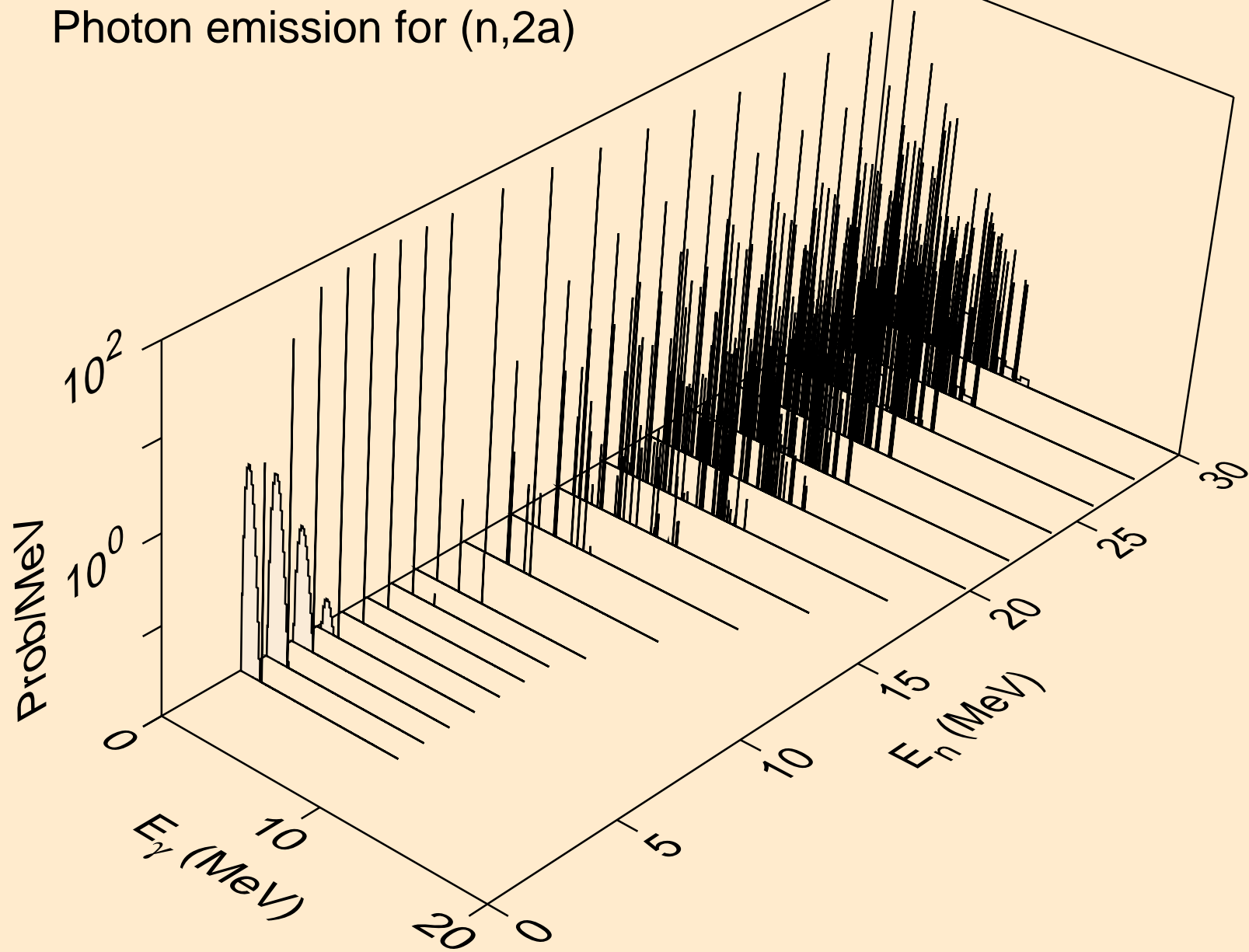
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



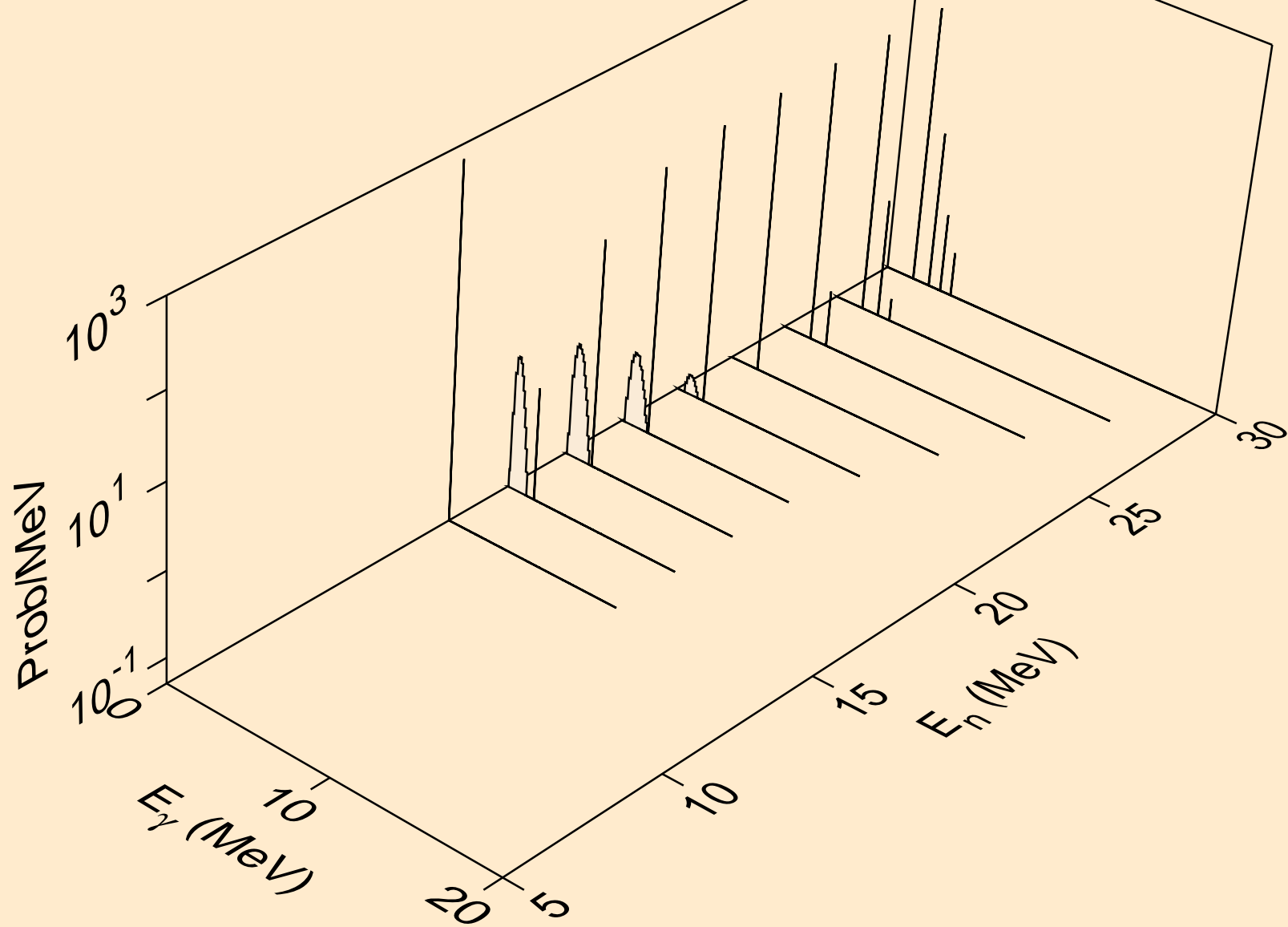
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



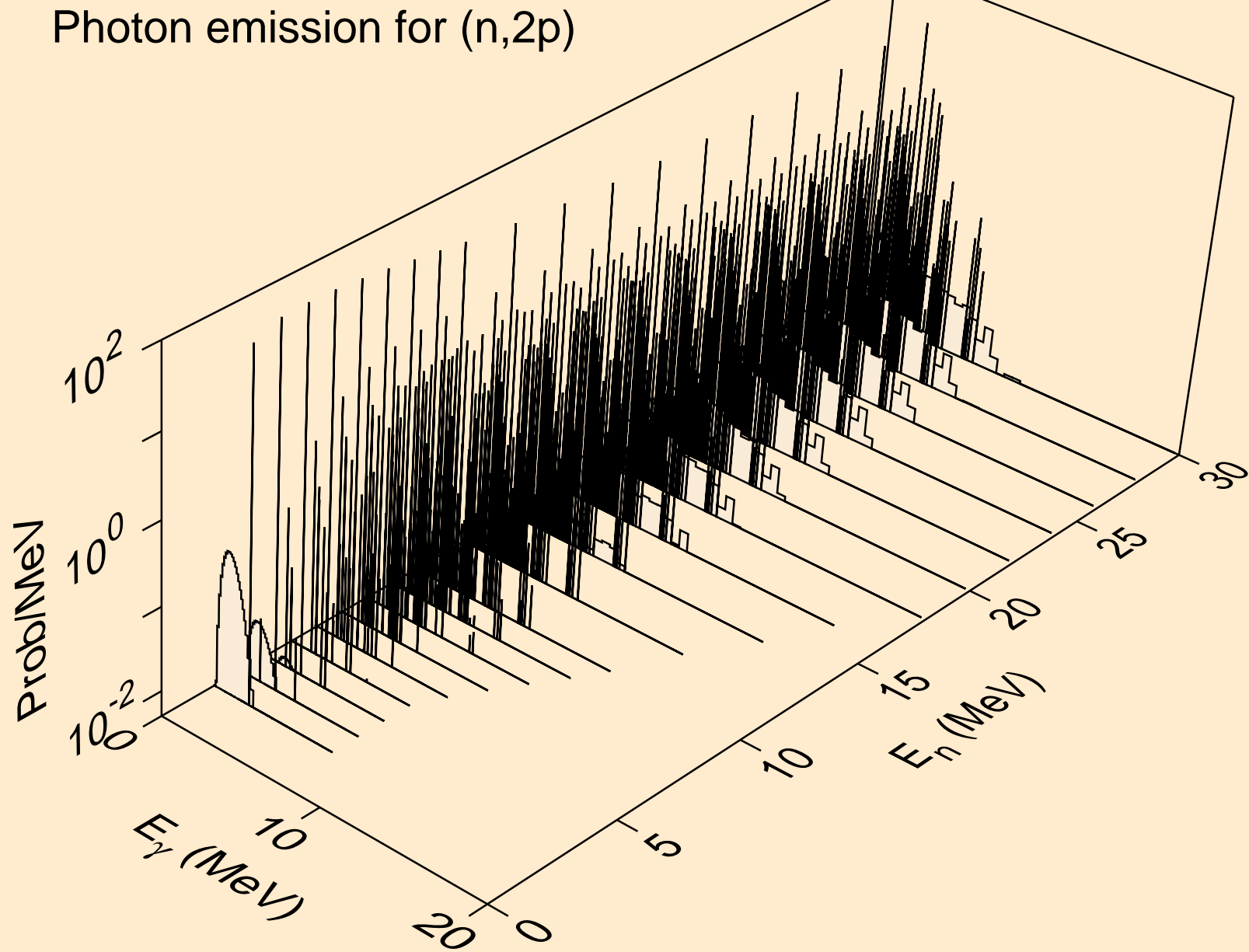
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



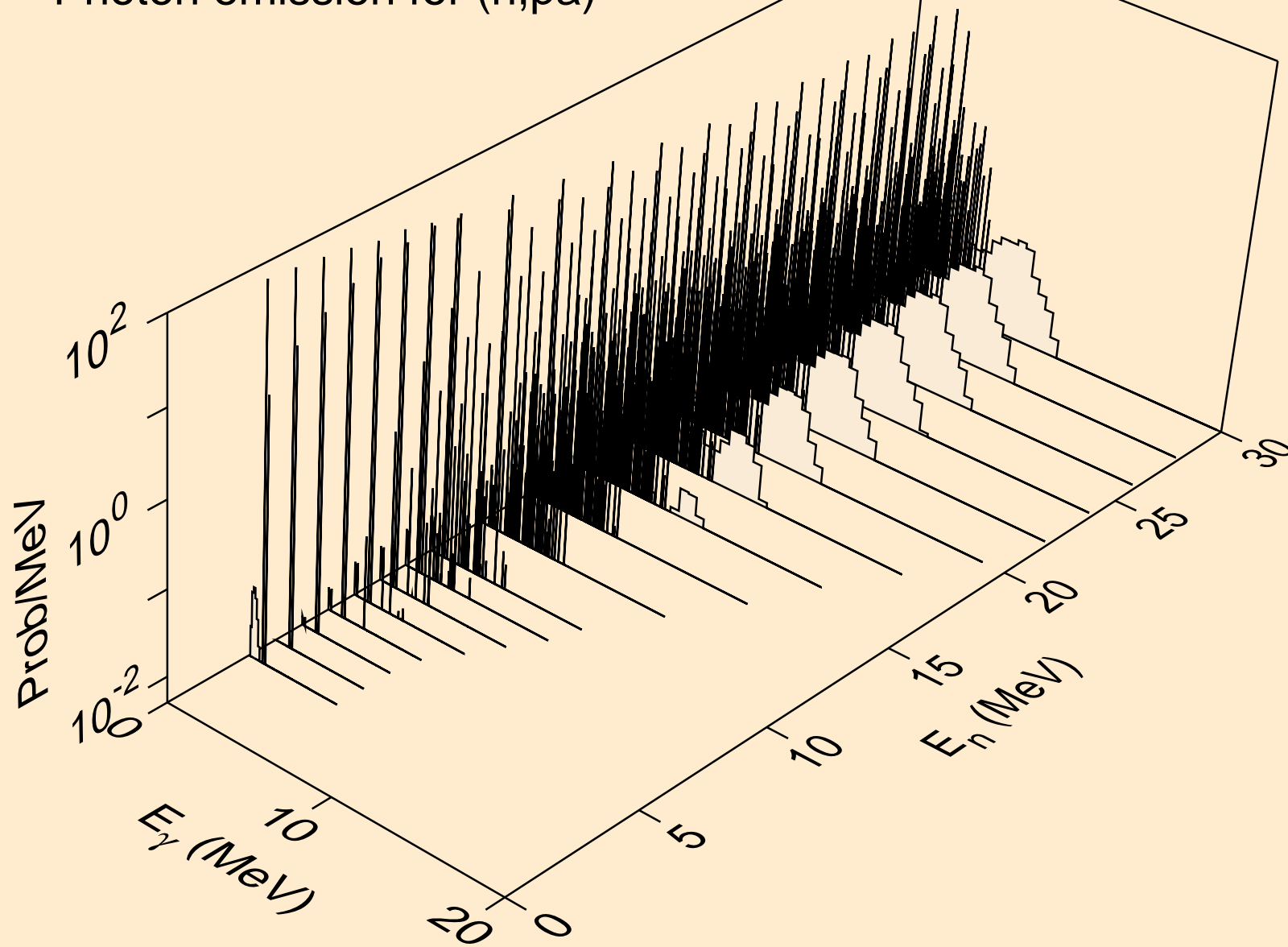
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



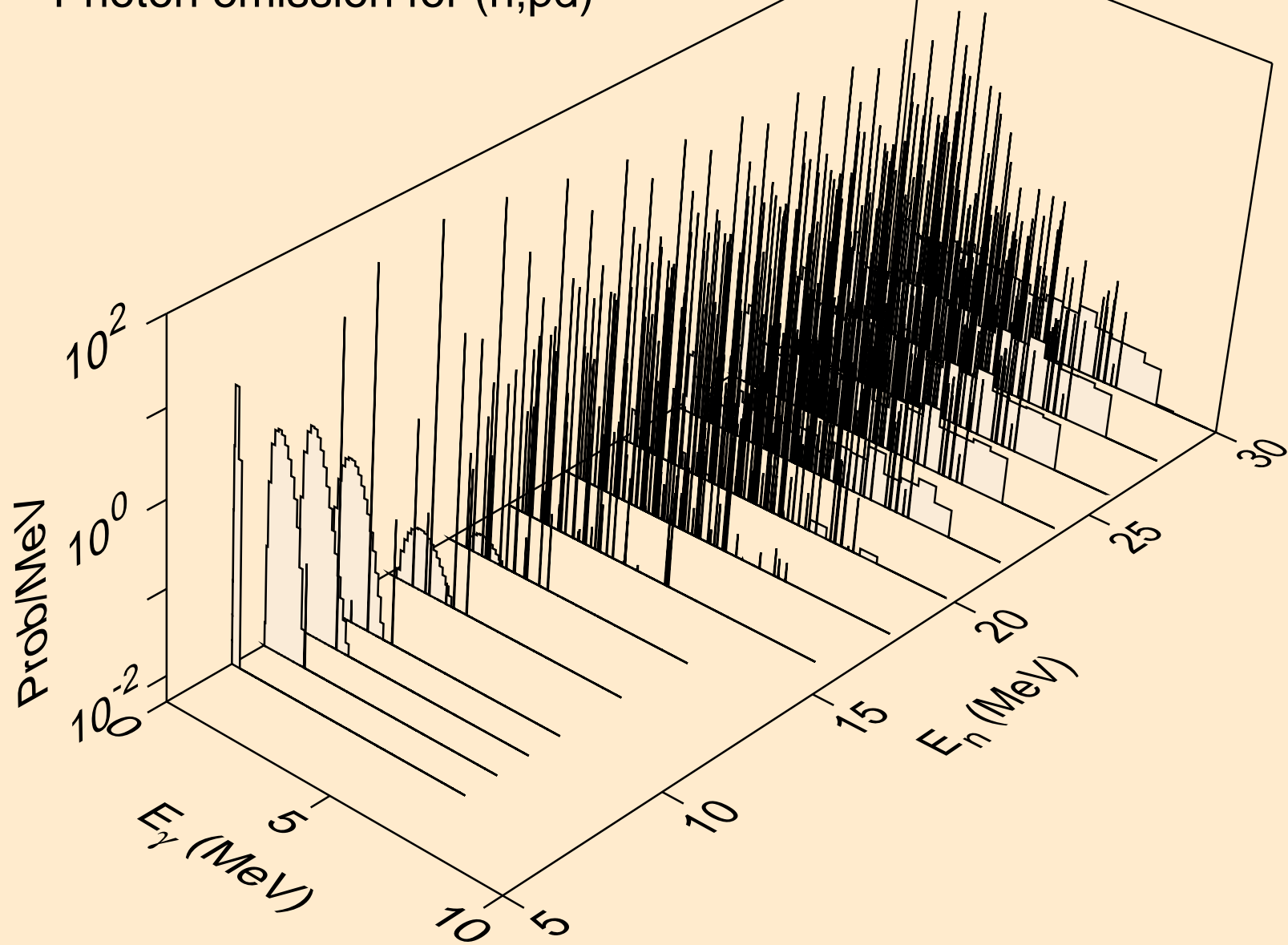
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



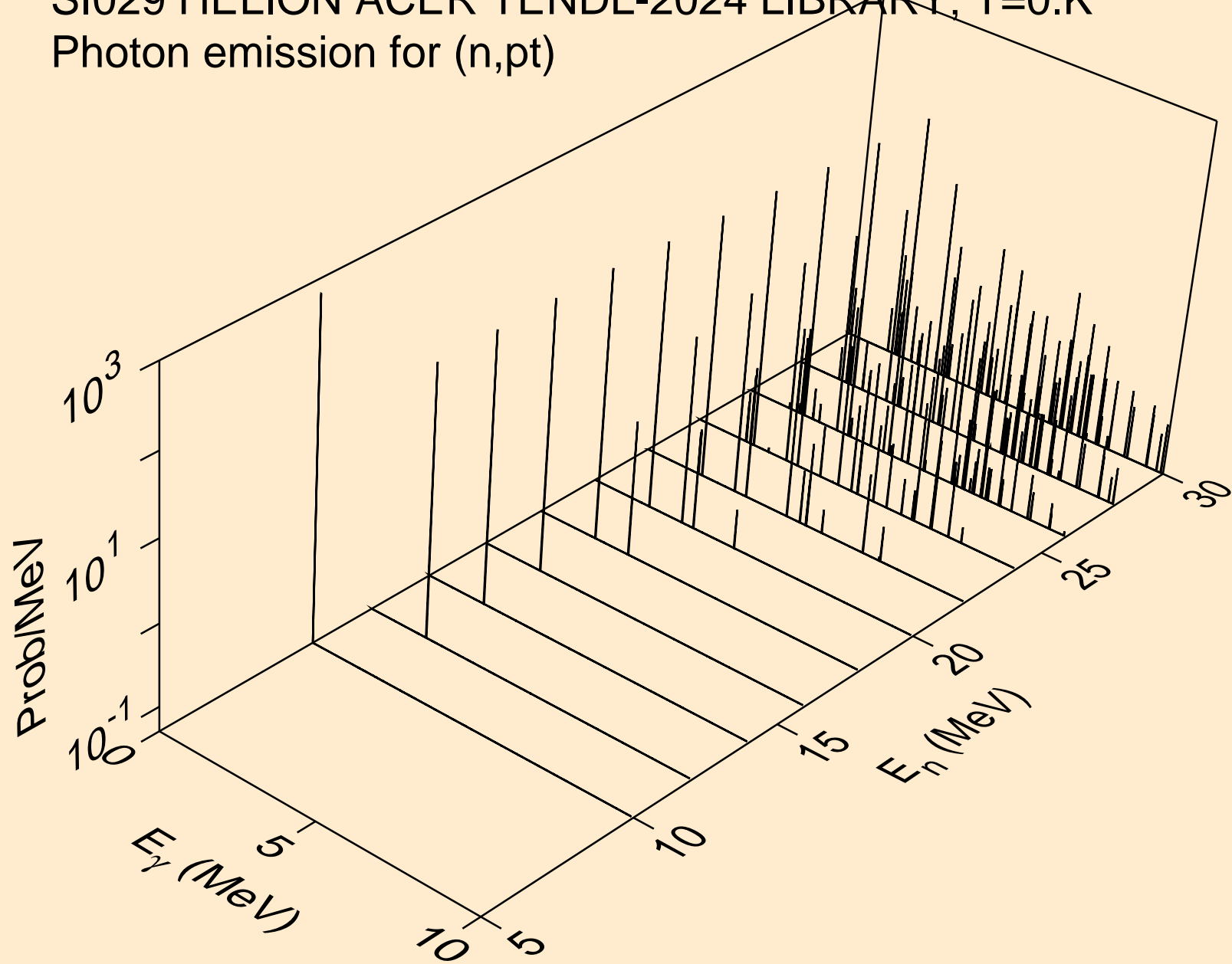
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



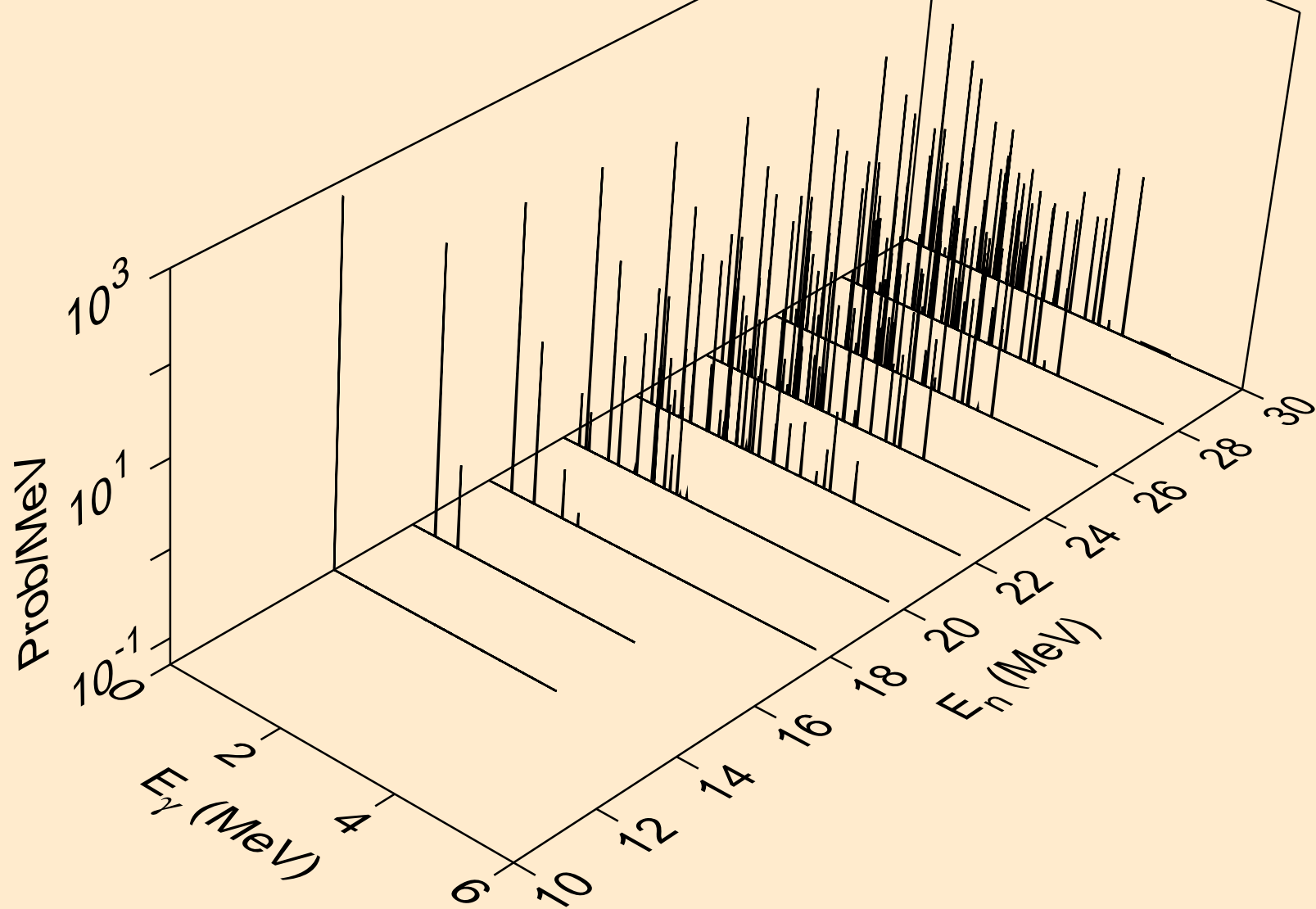
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

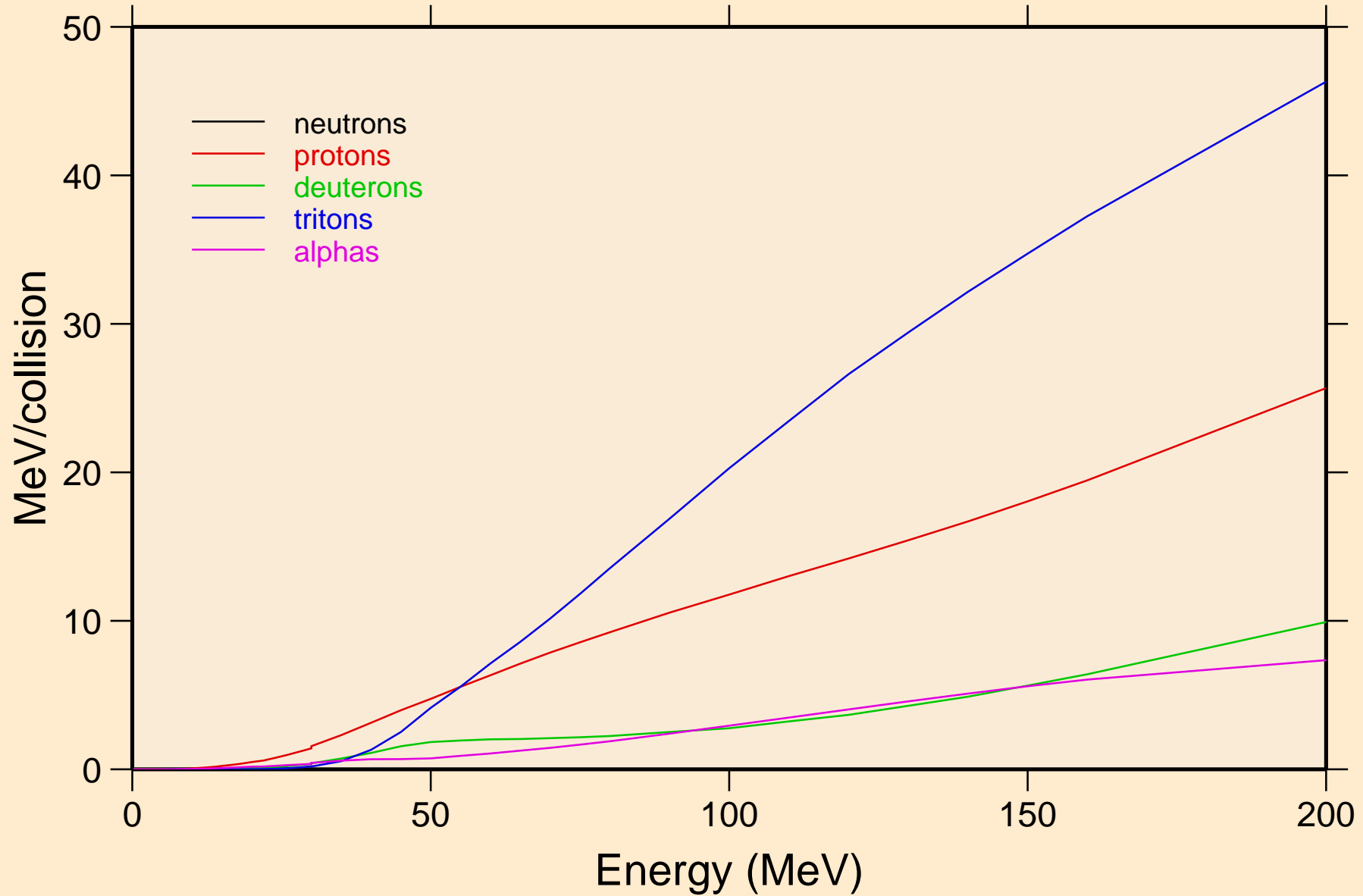


SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

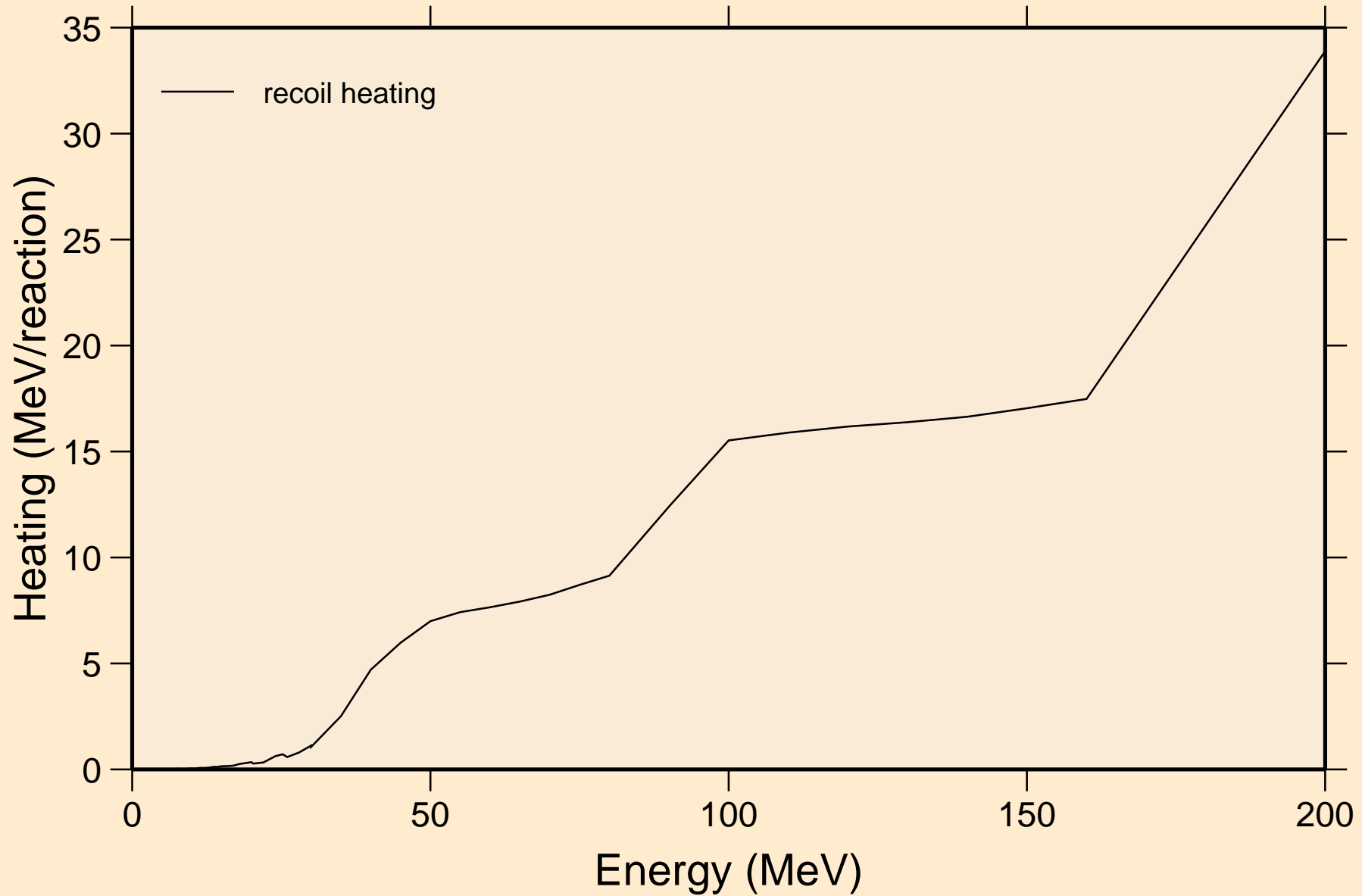


# SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K

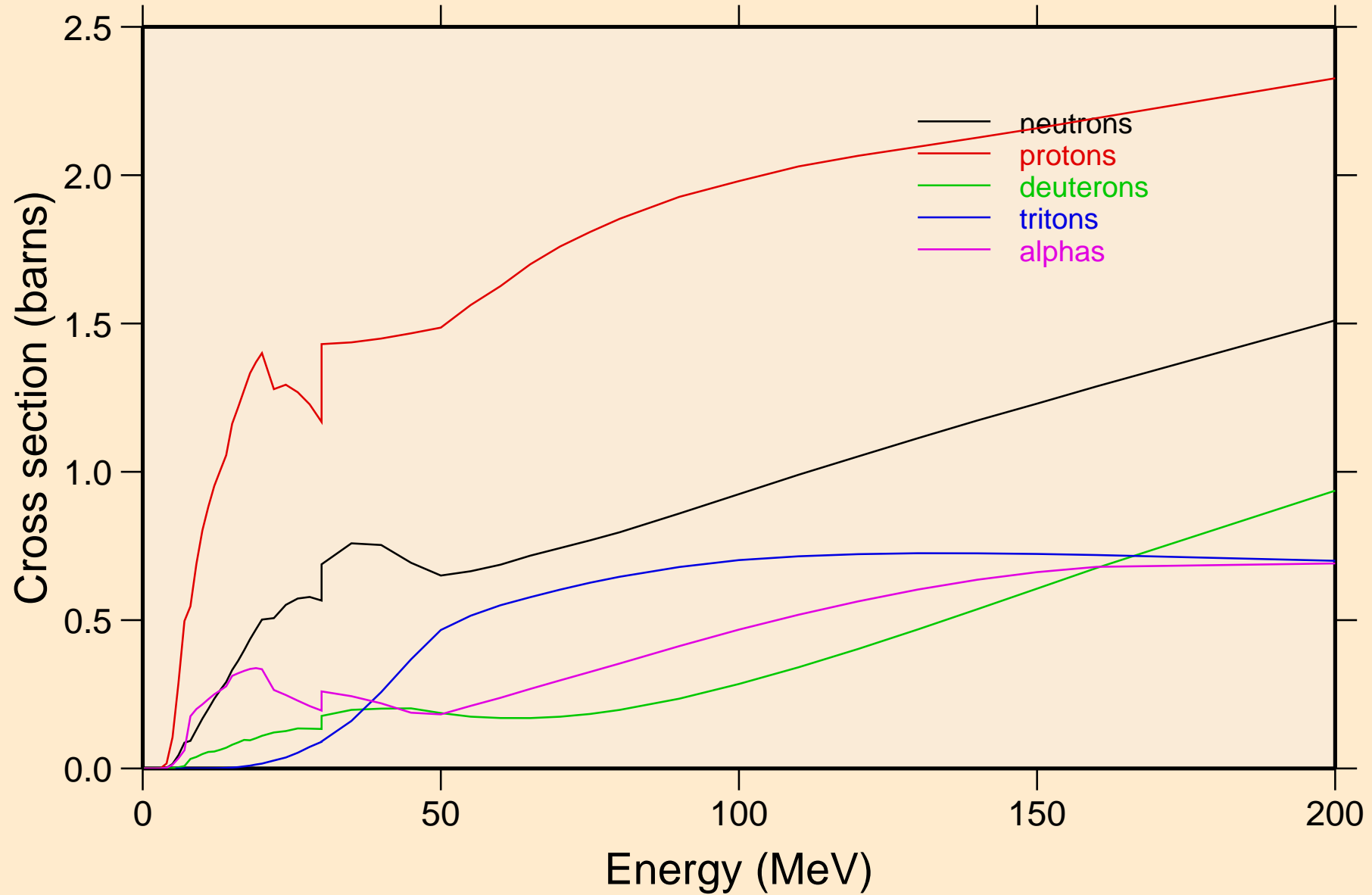
## Particle heating contributions



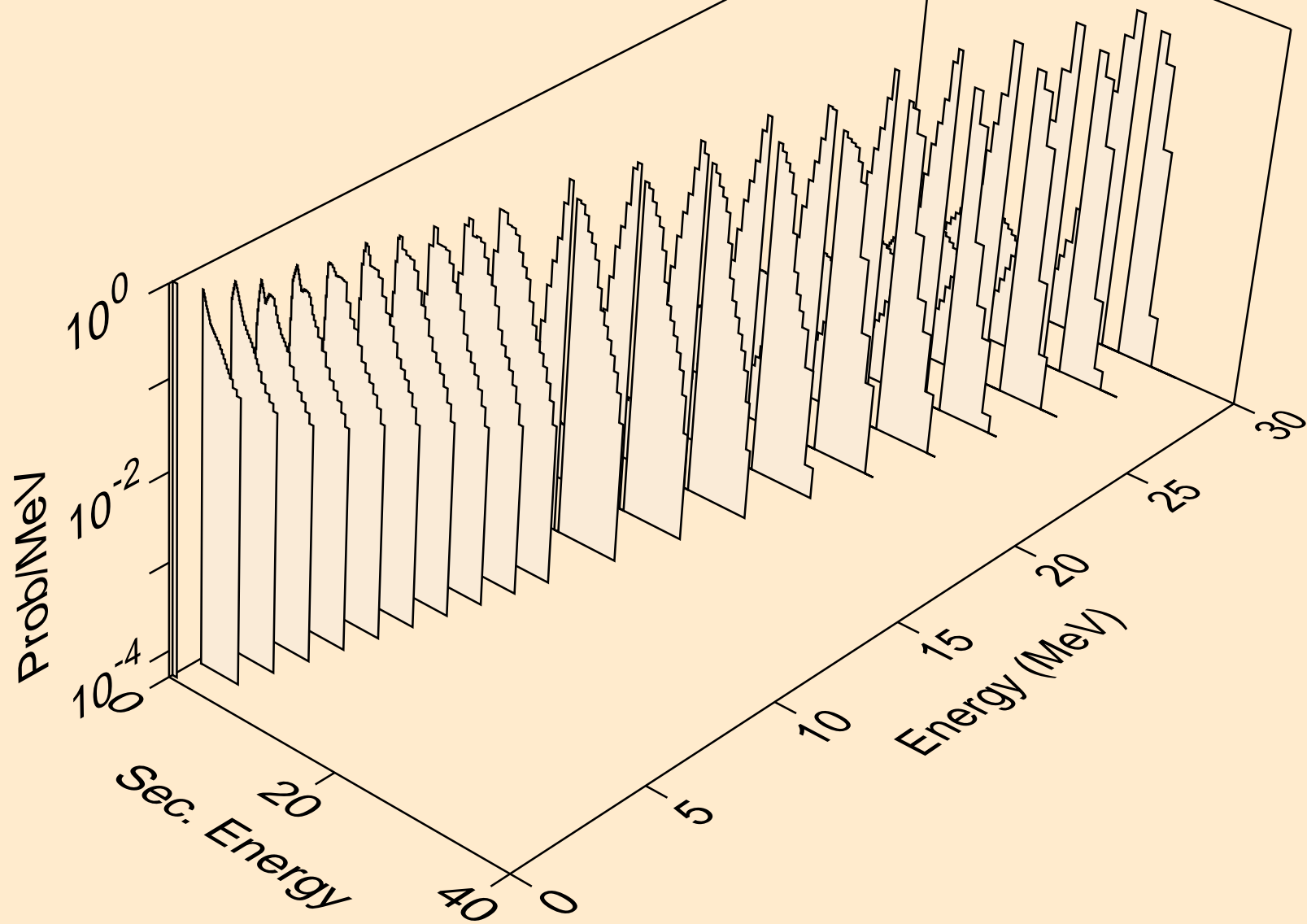
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



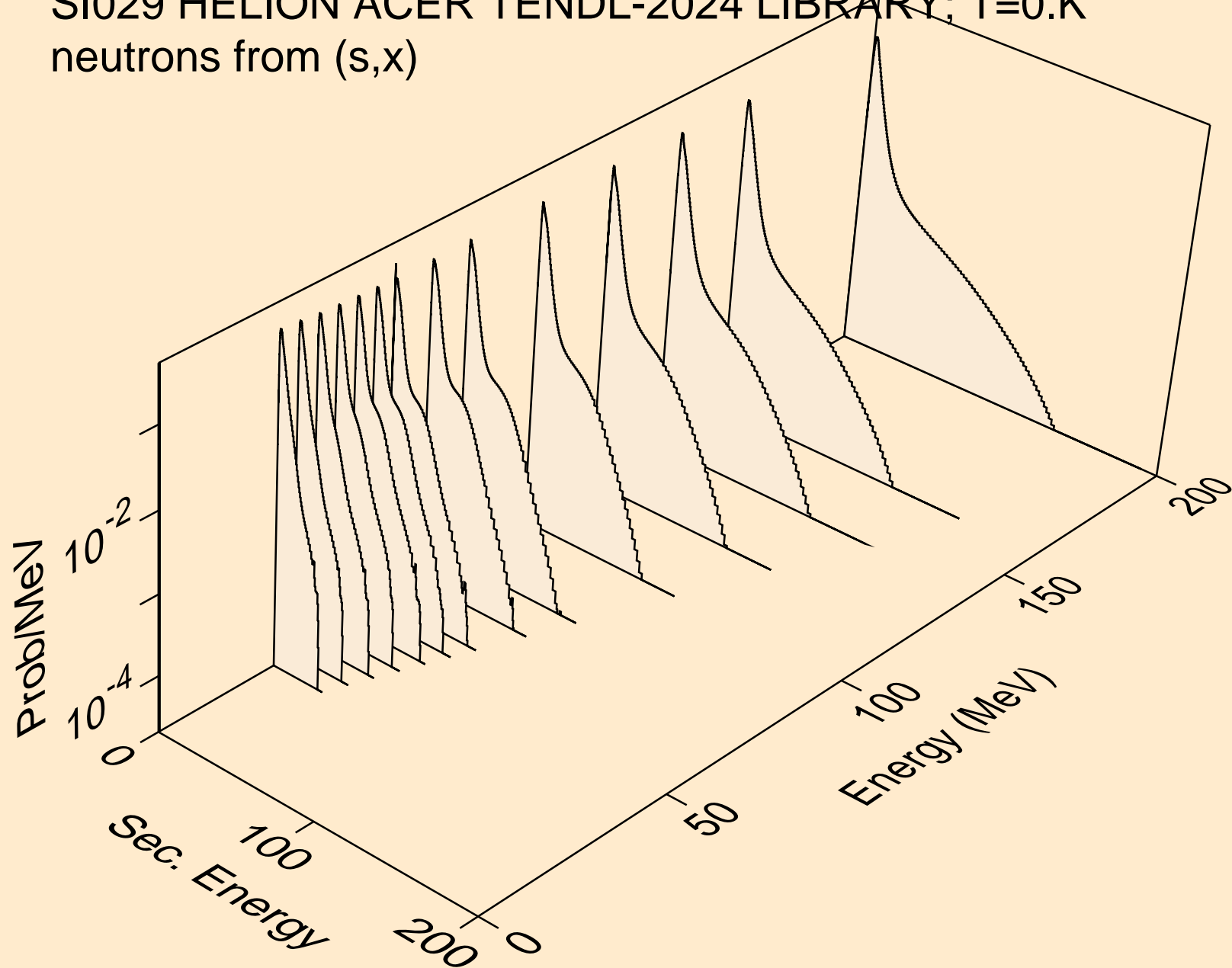
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



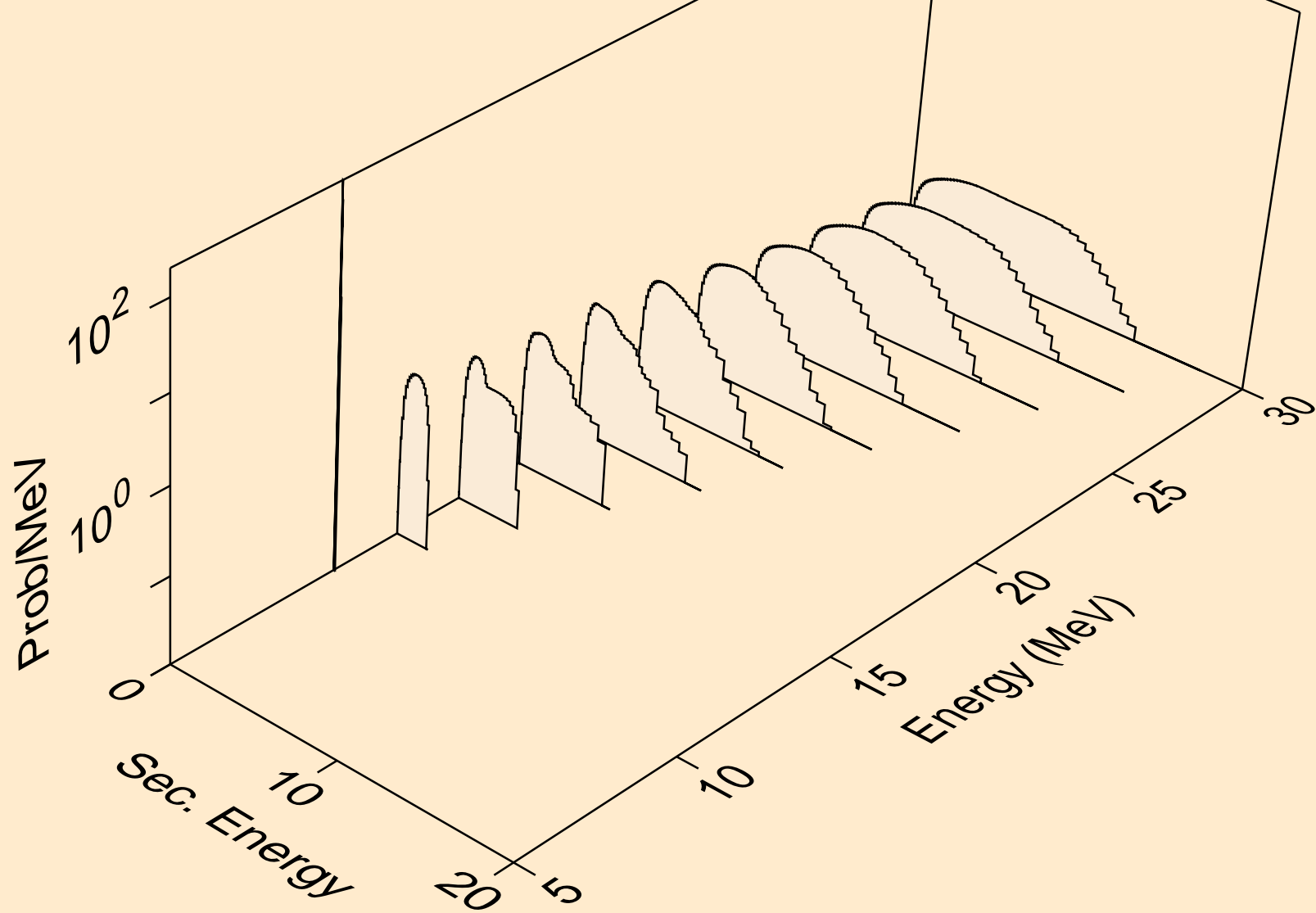
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



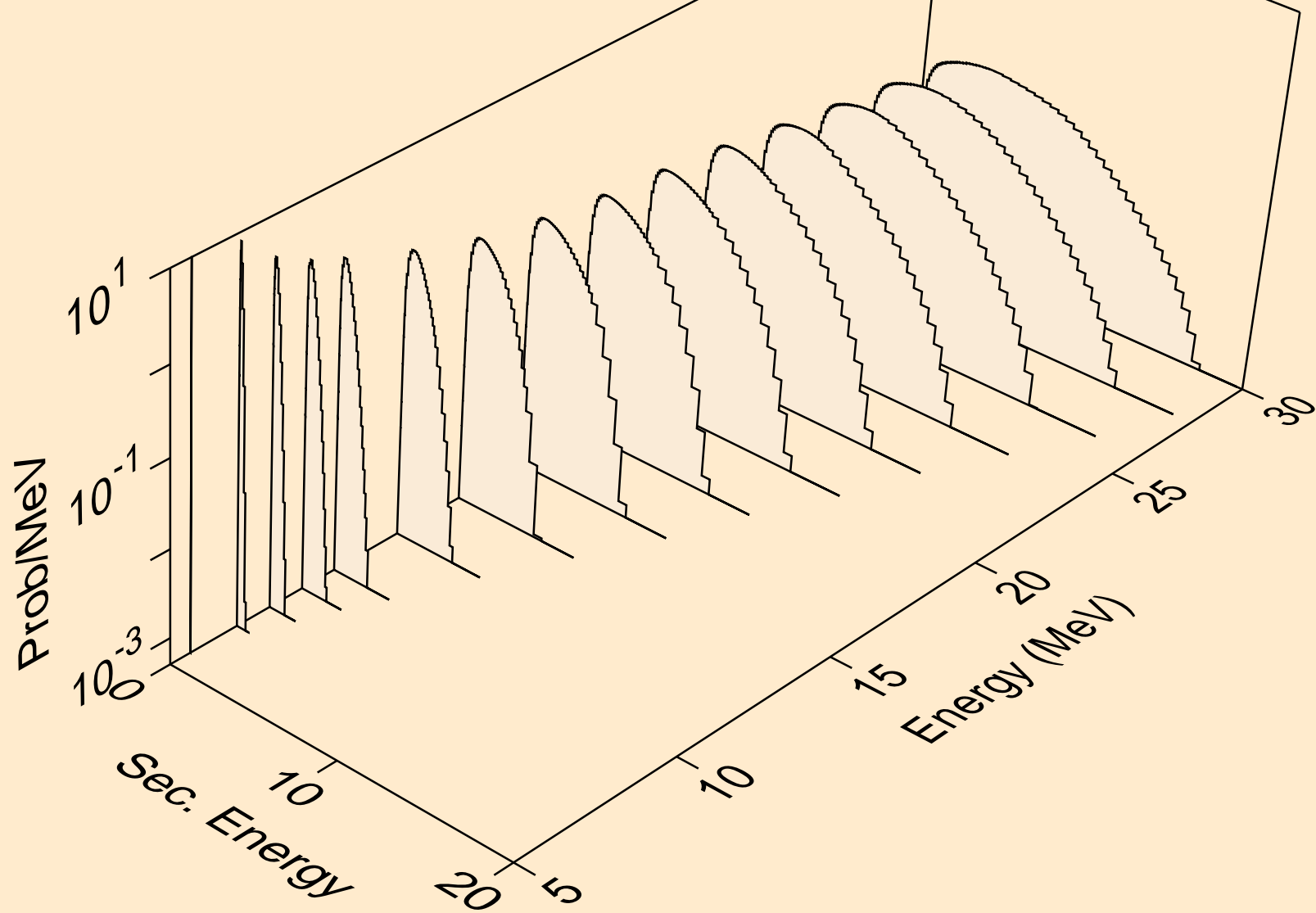
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



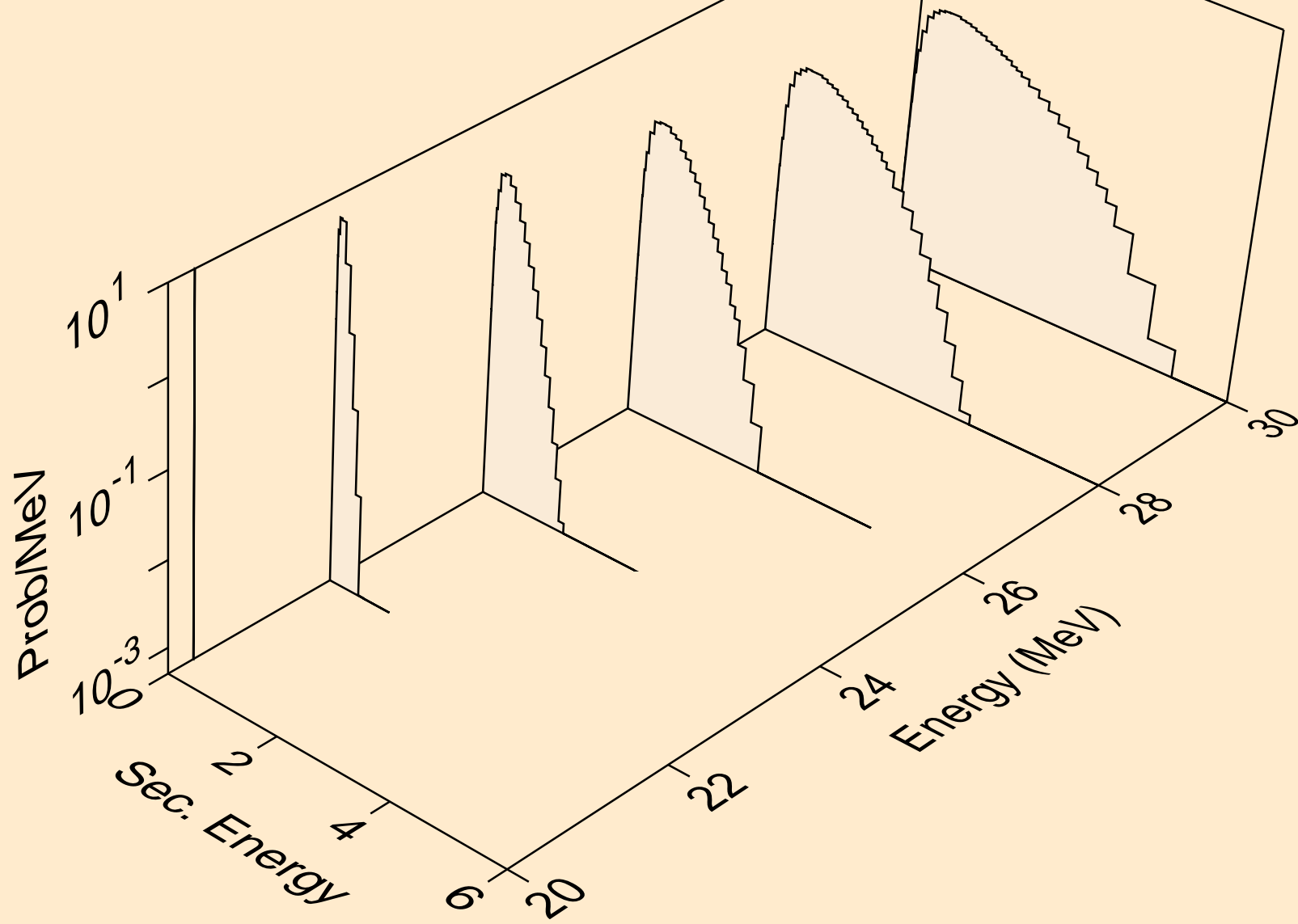
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



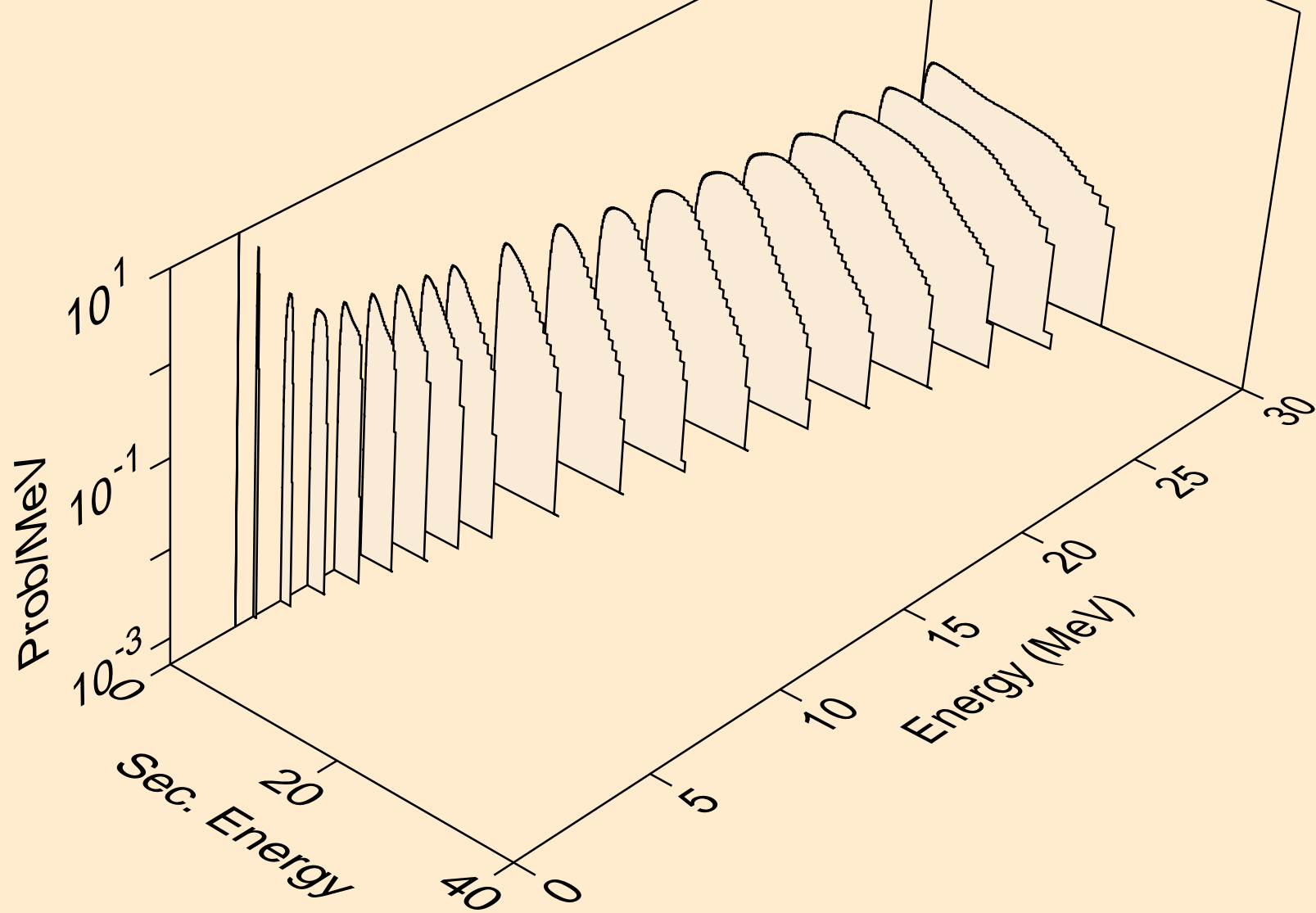
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



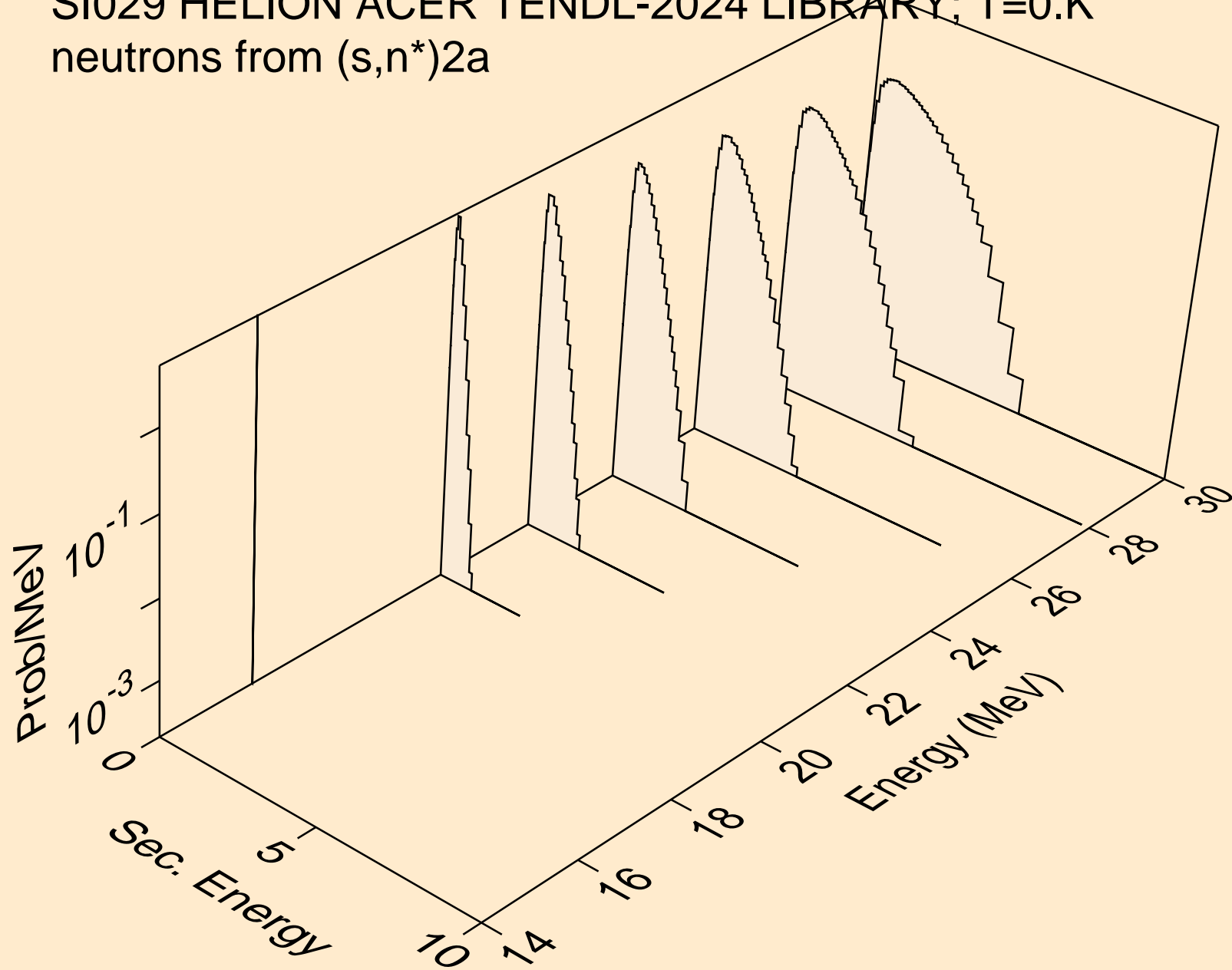
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



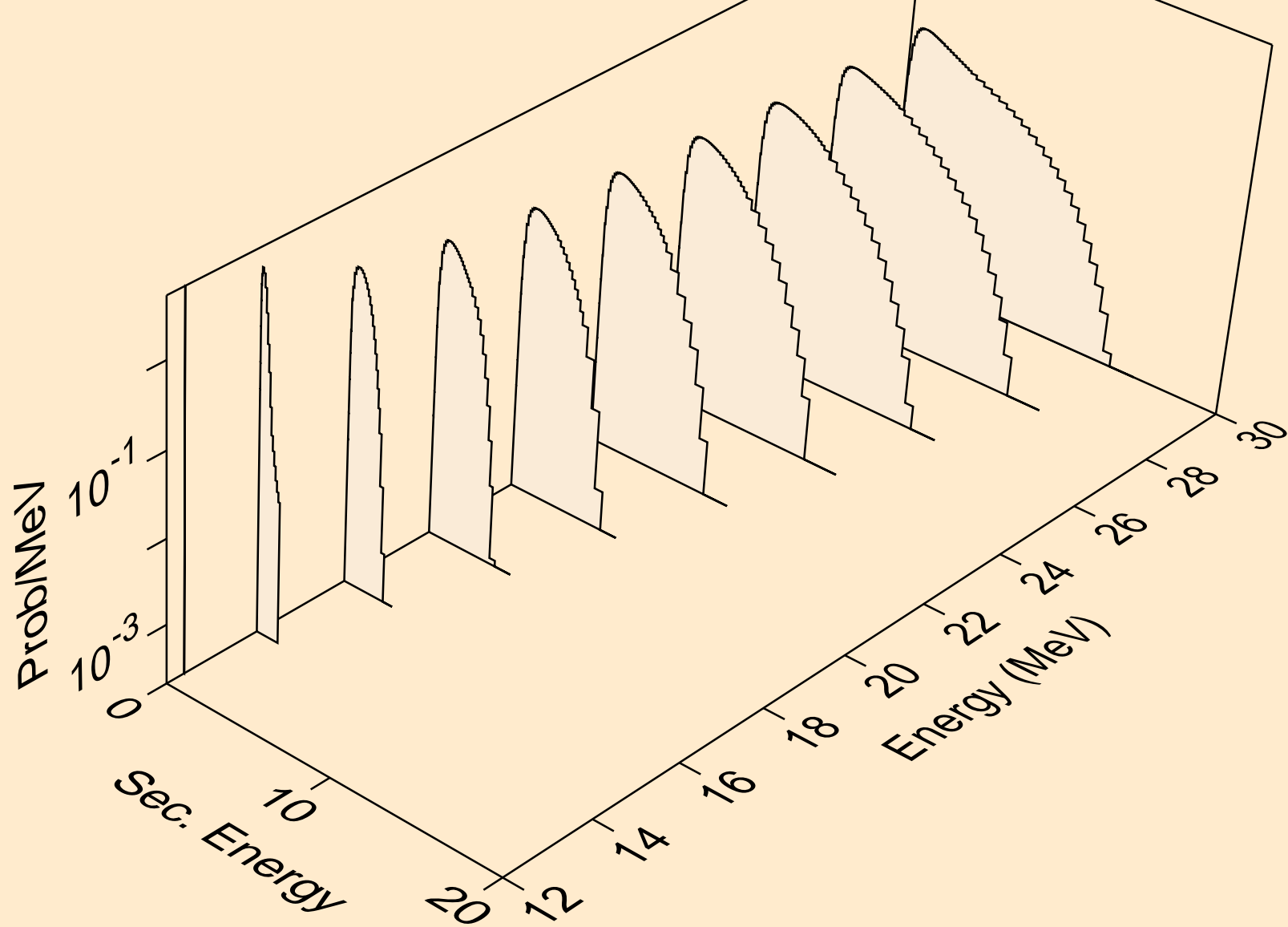
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



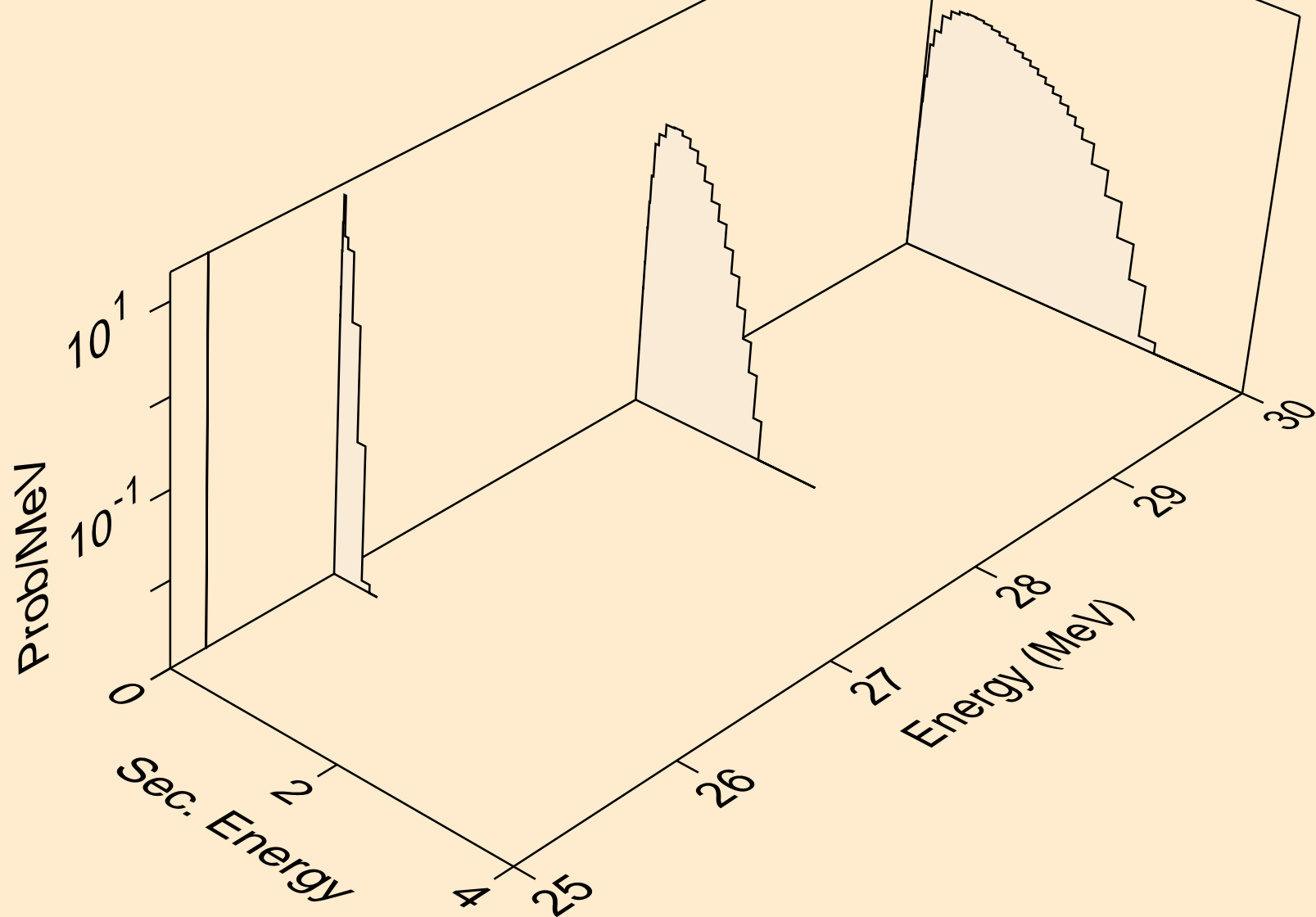
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



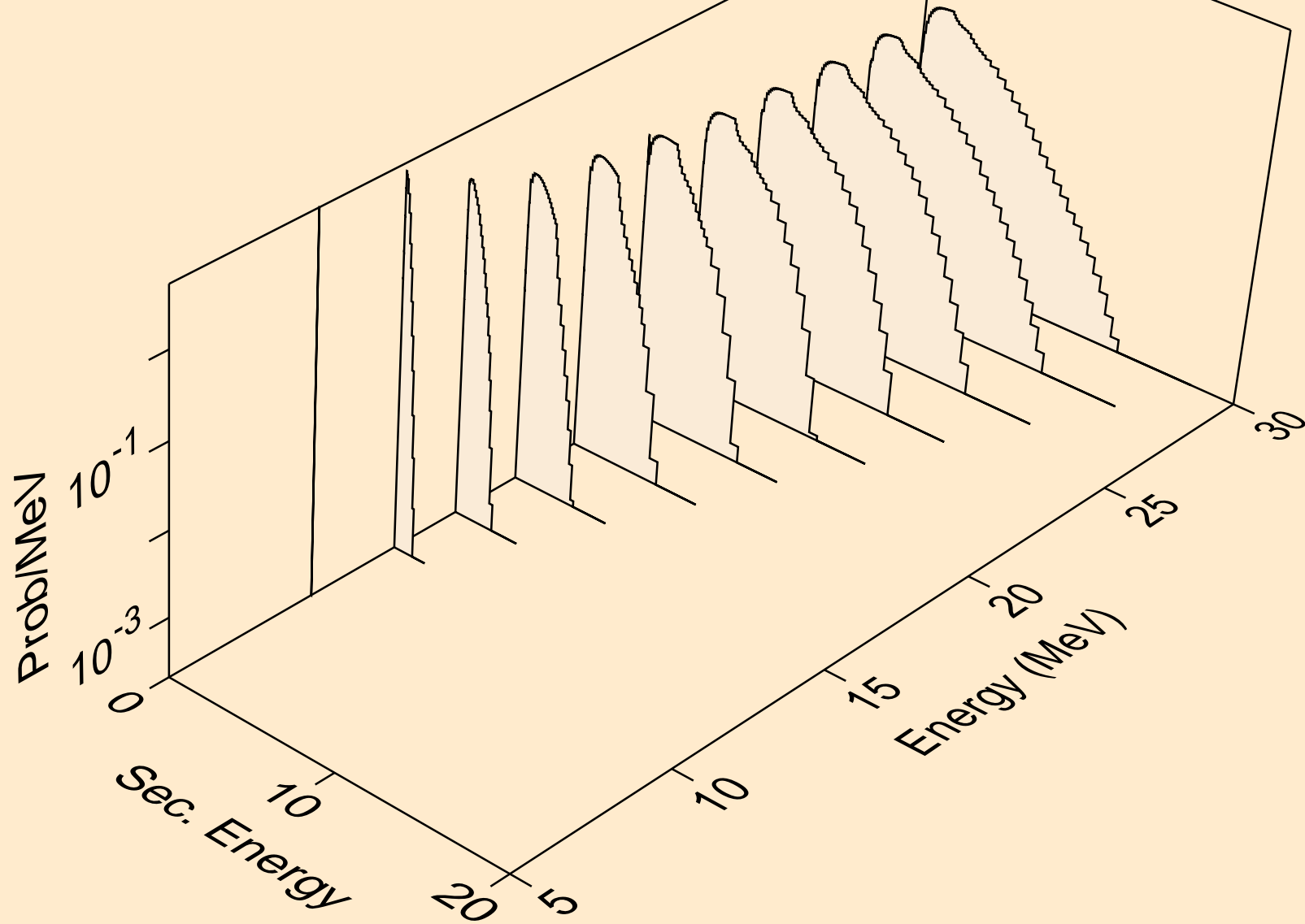
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



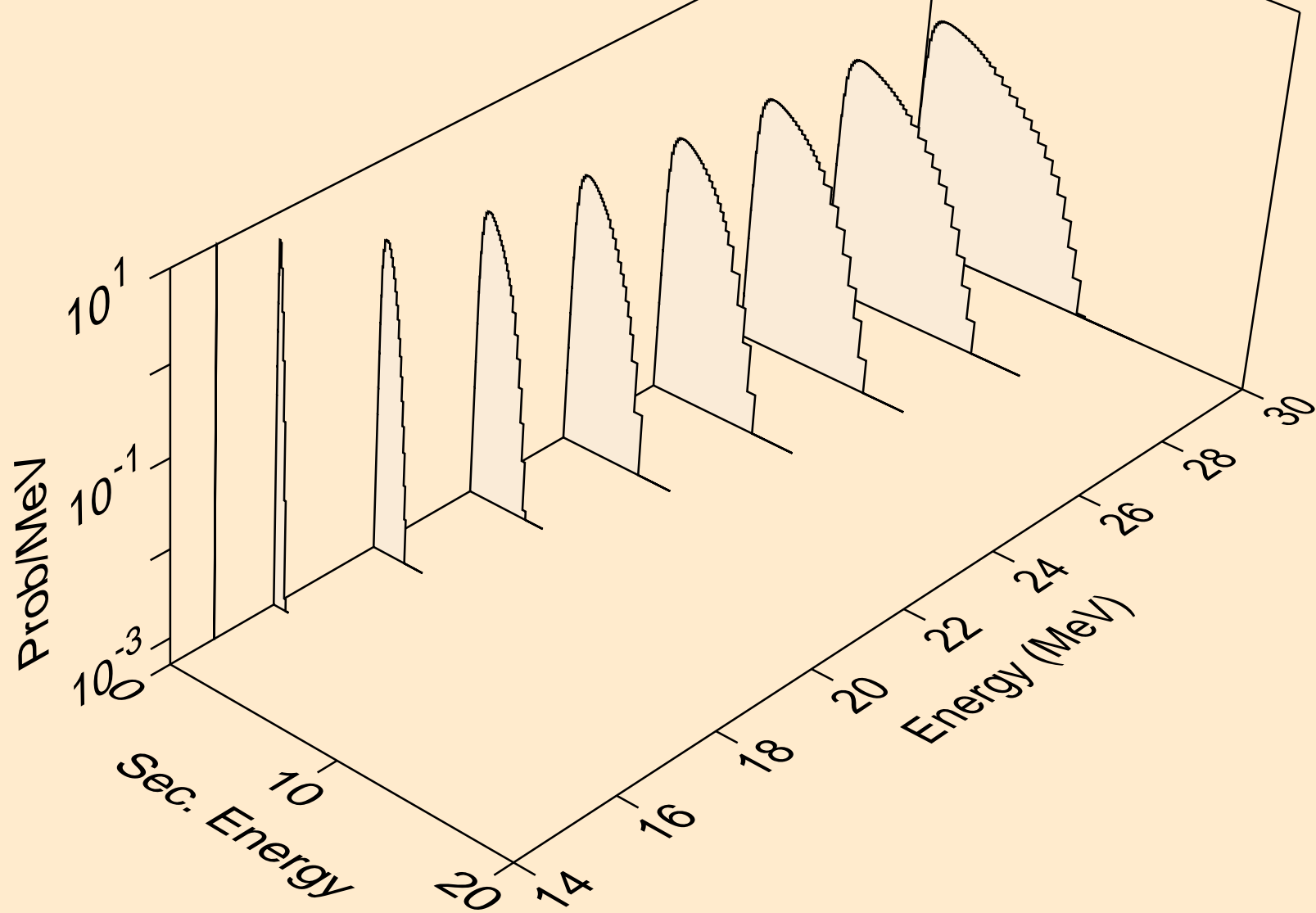
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



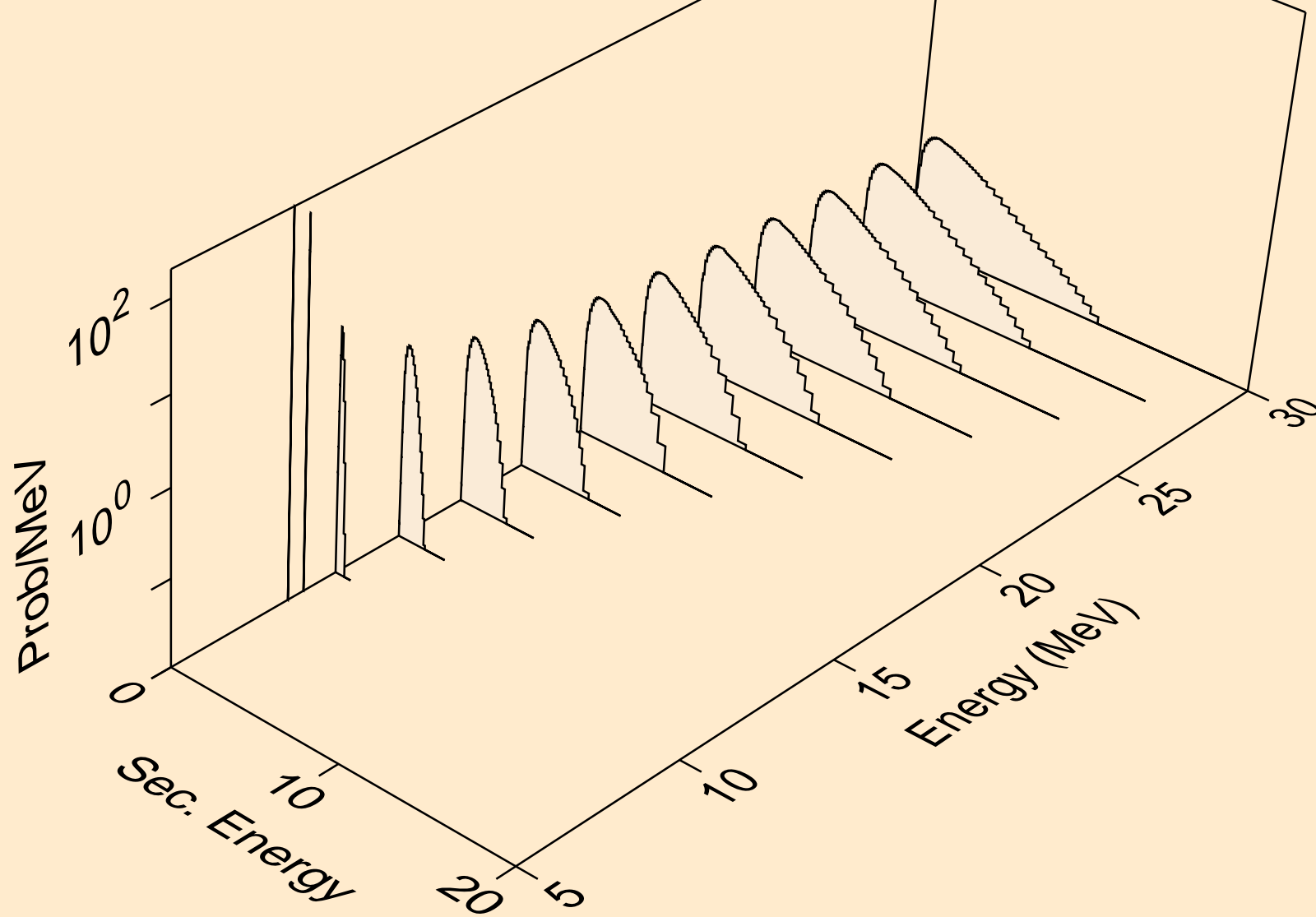
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



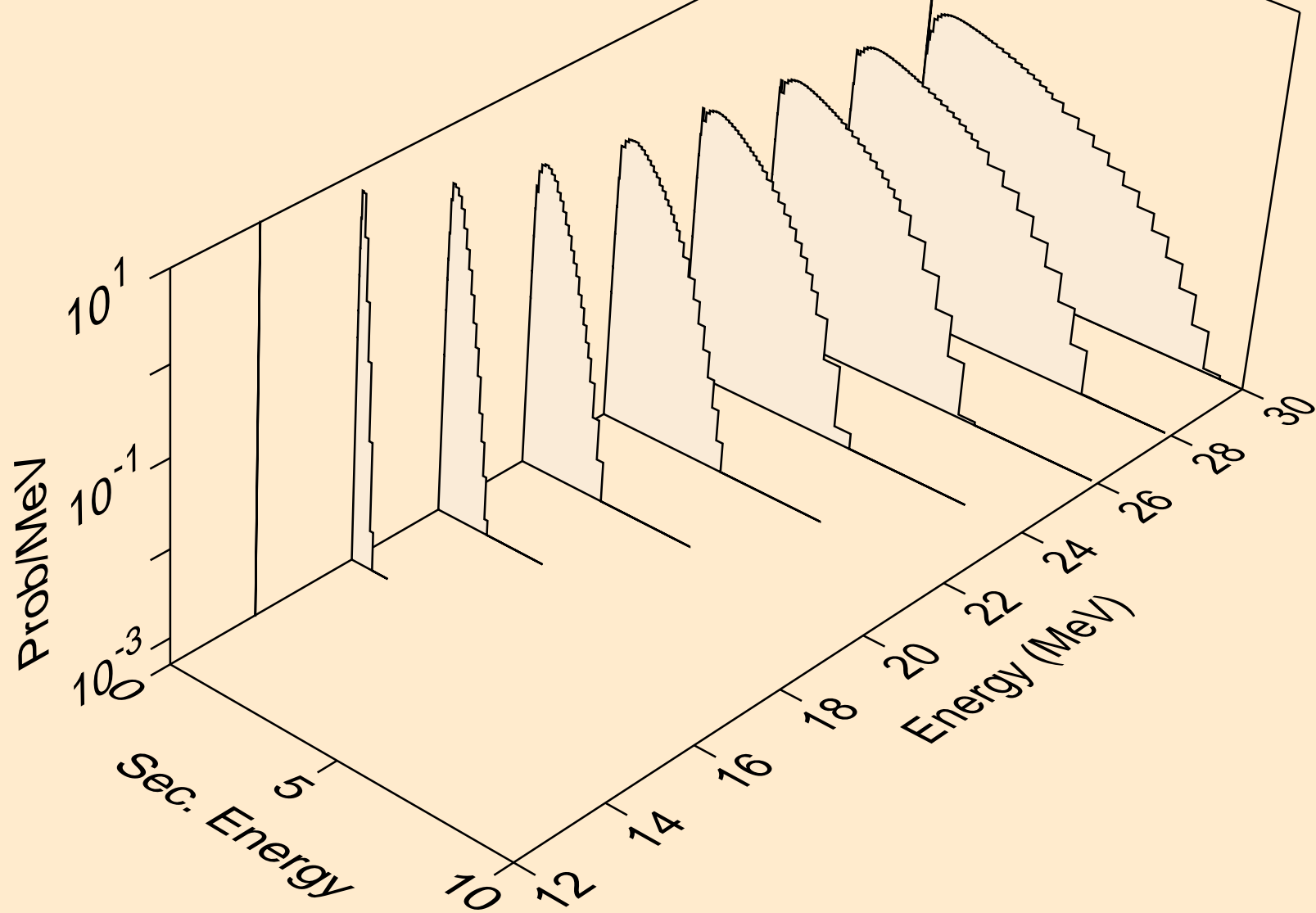
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



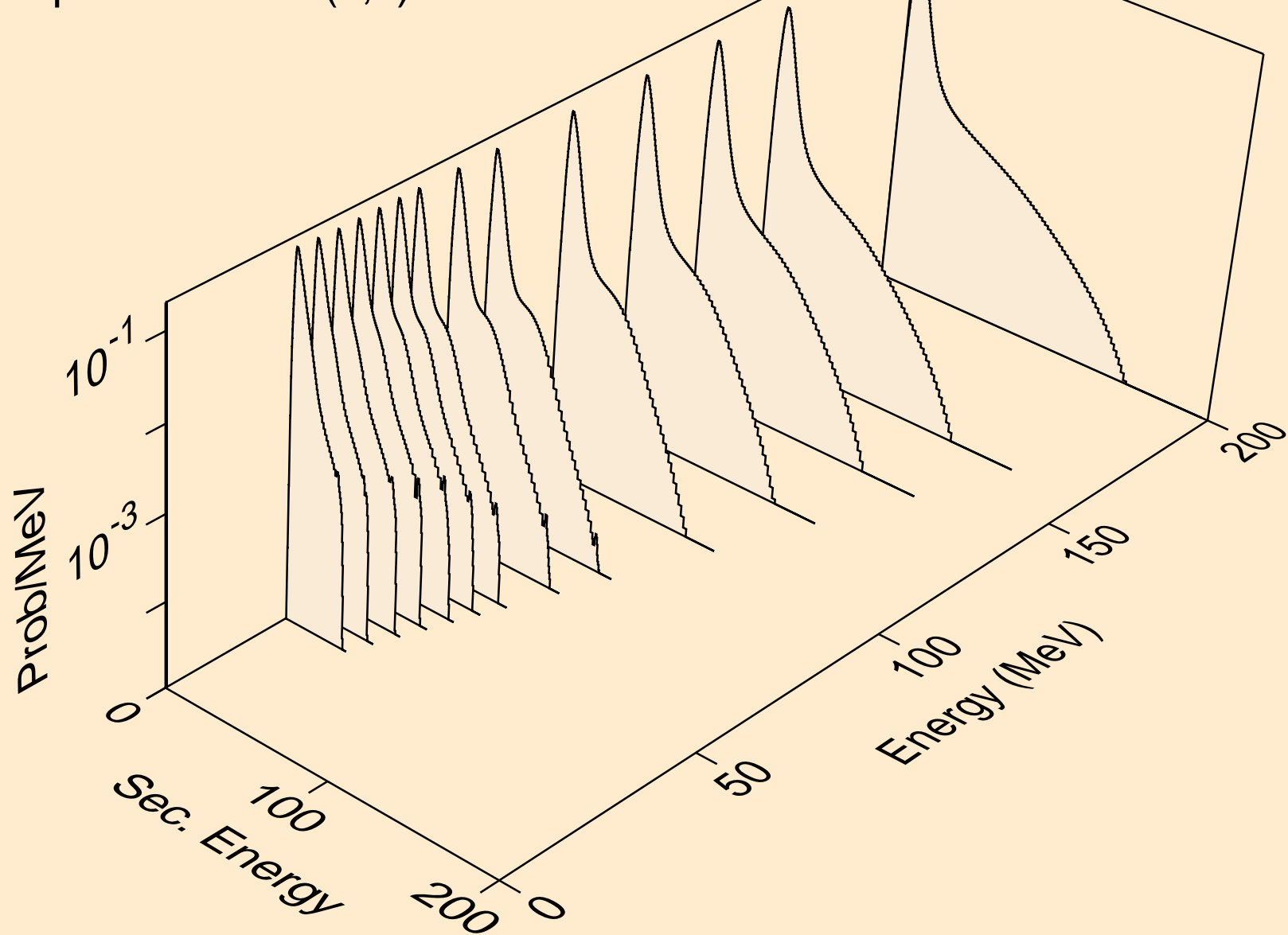
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



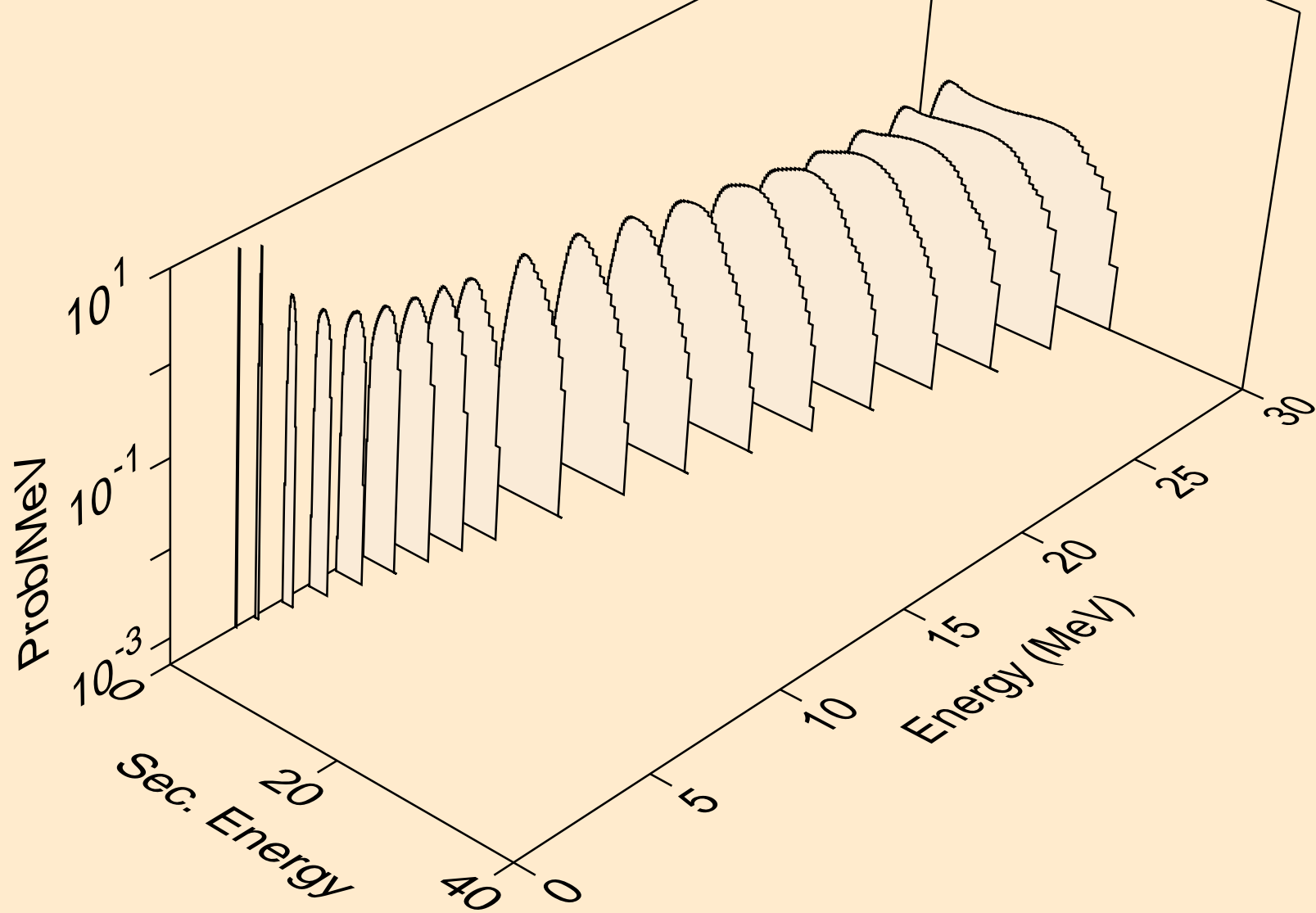
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



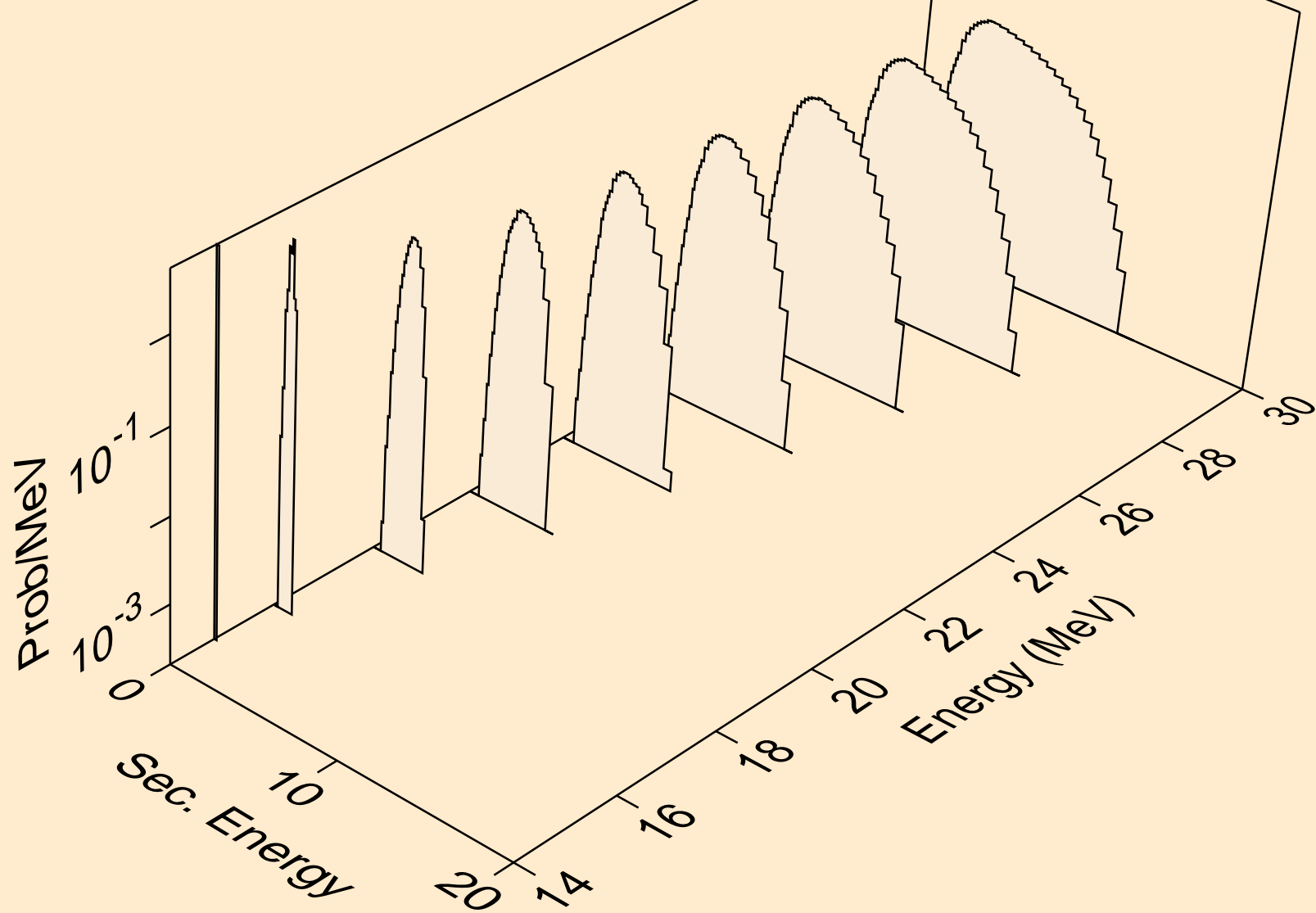
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



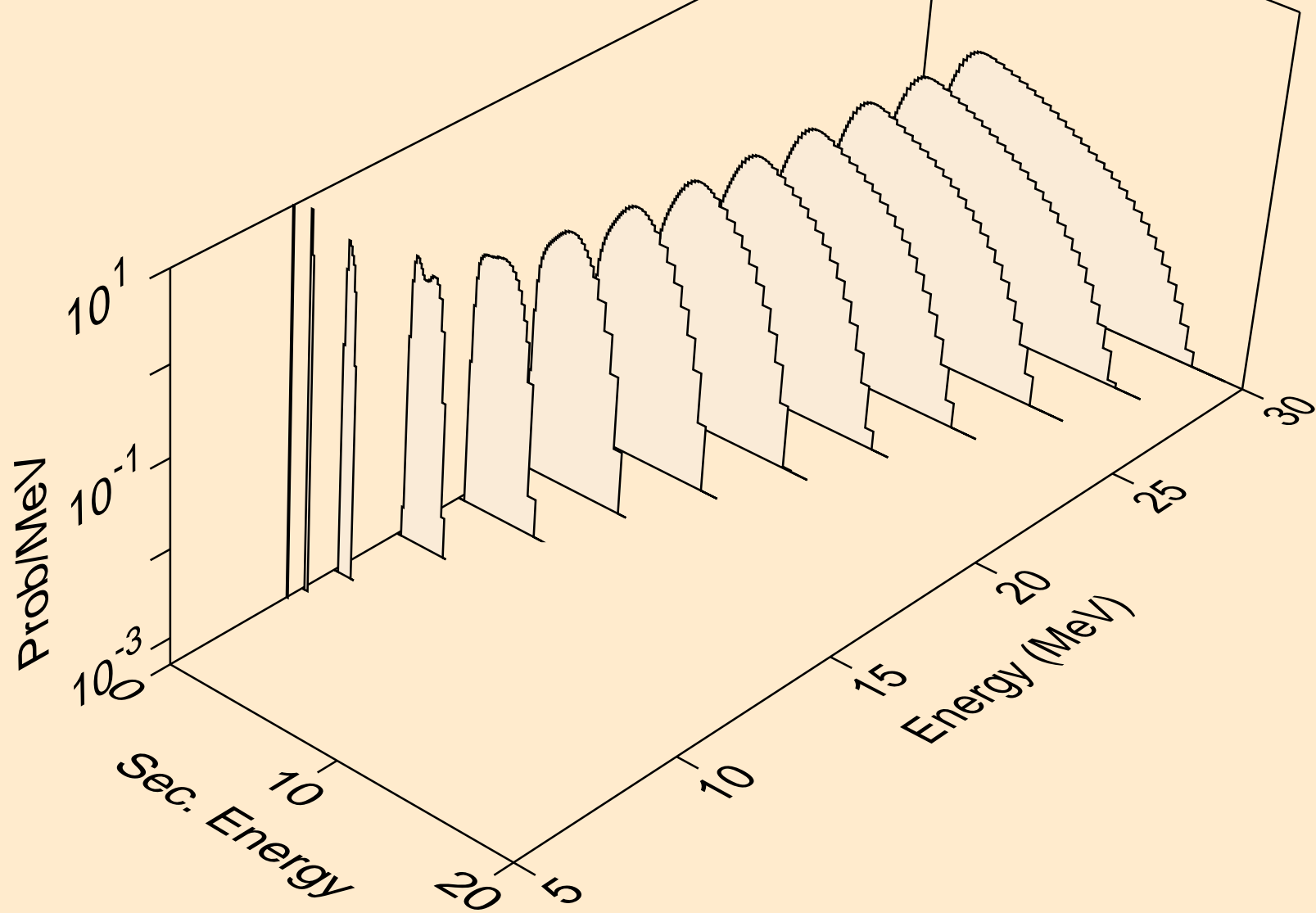
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



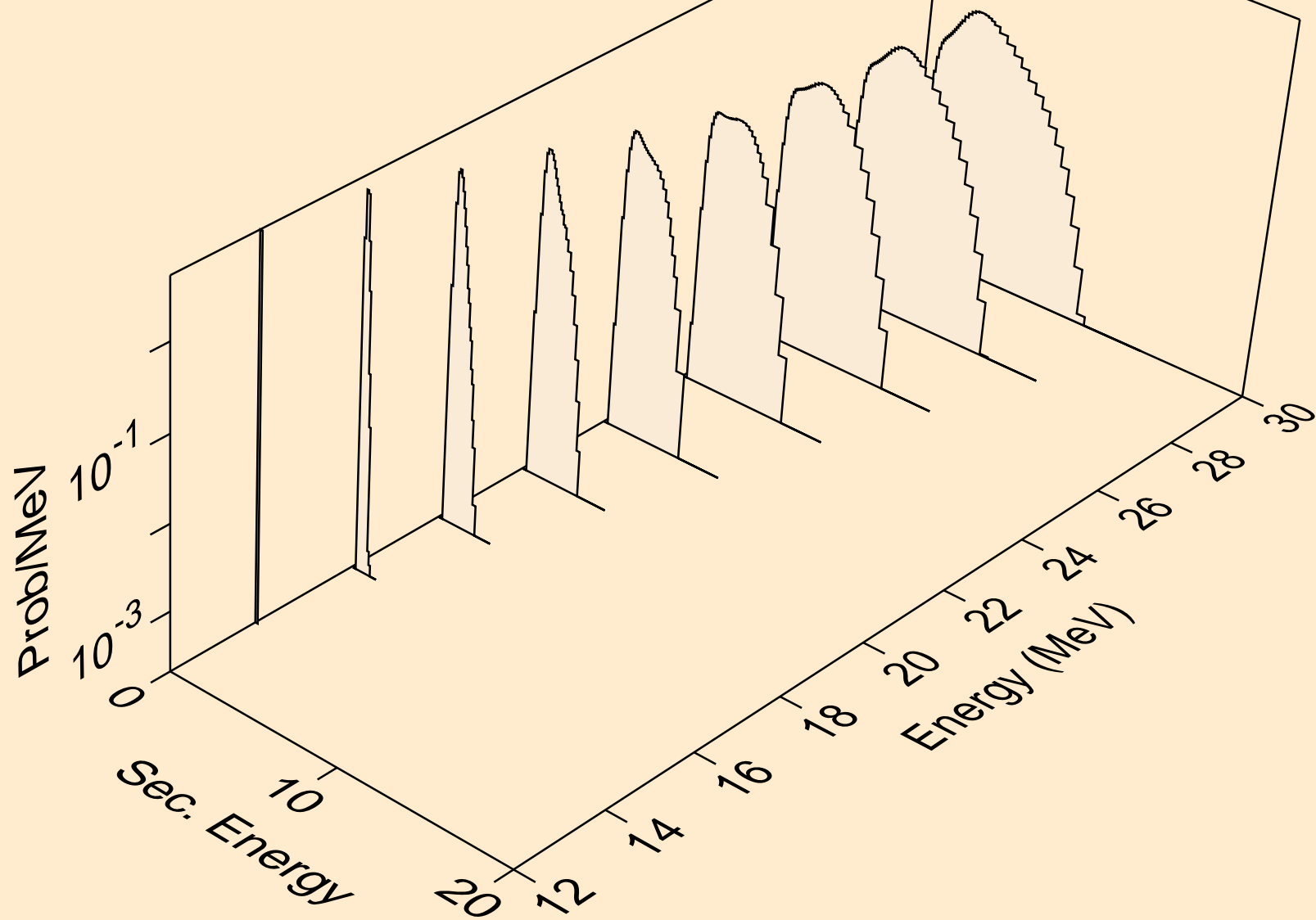
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



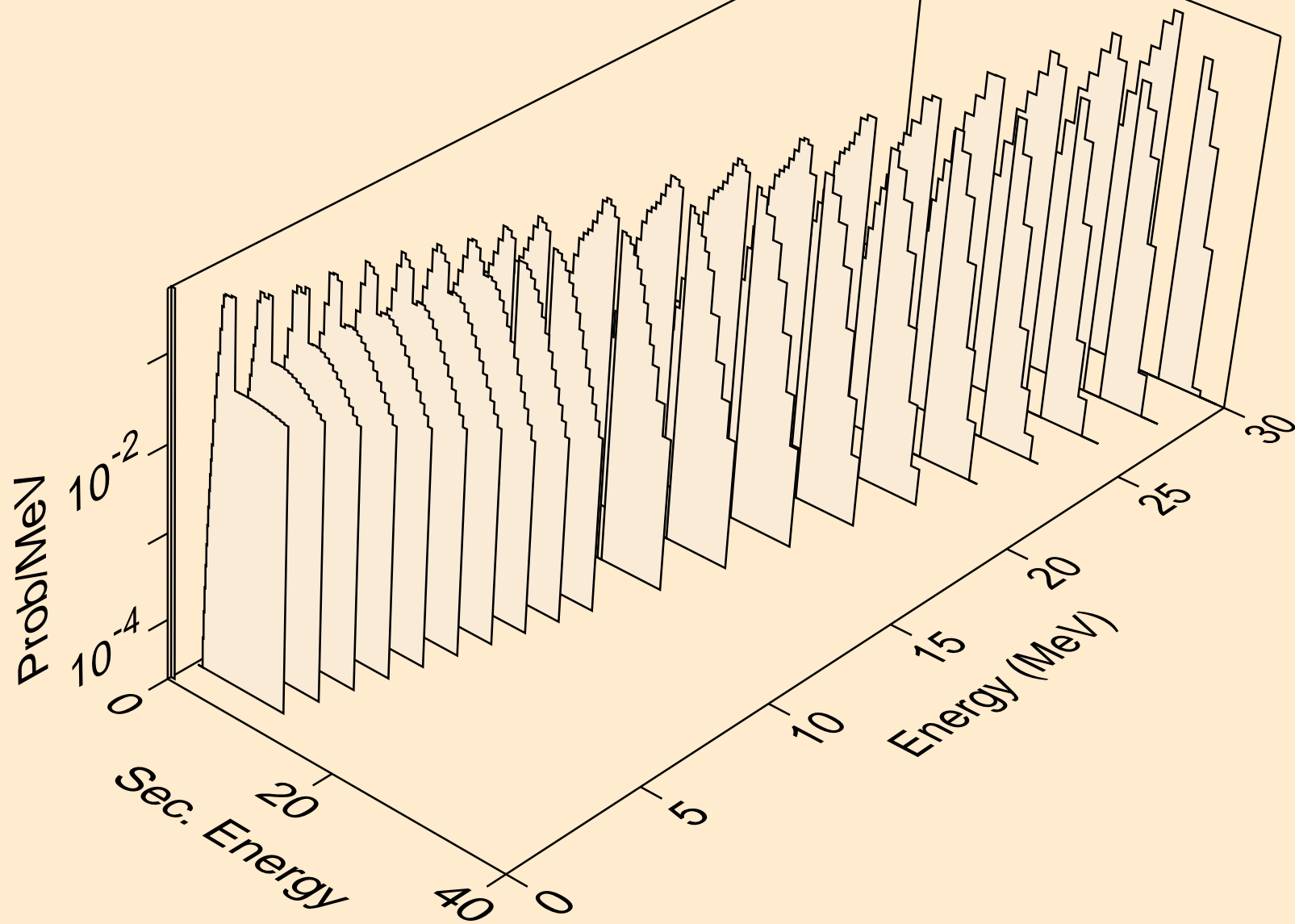
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



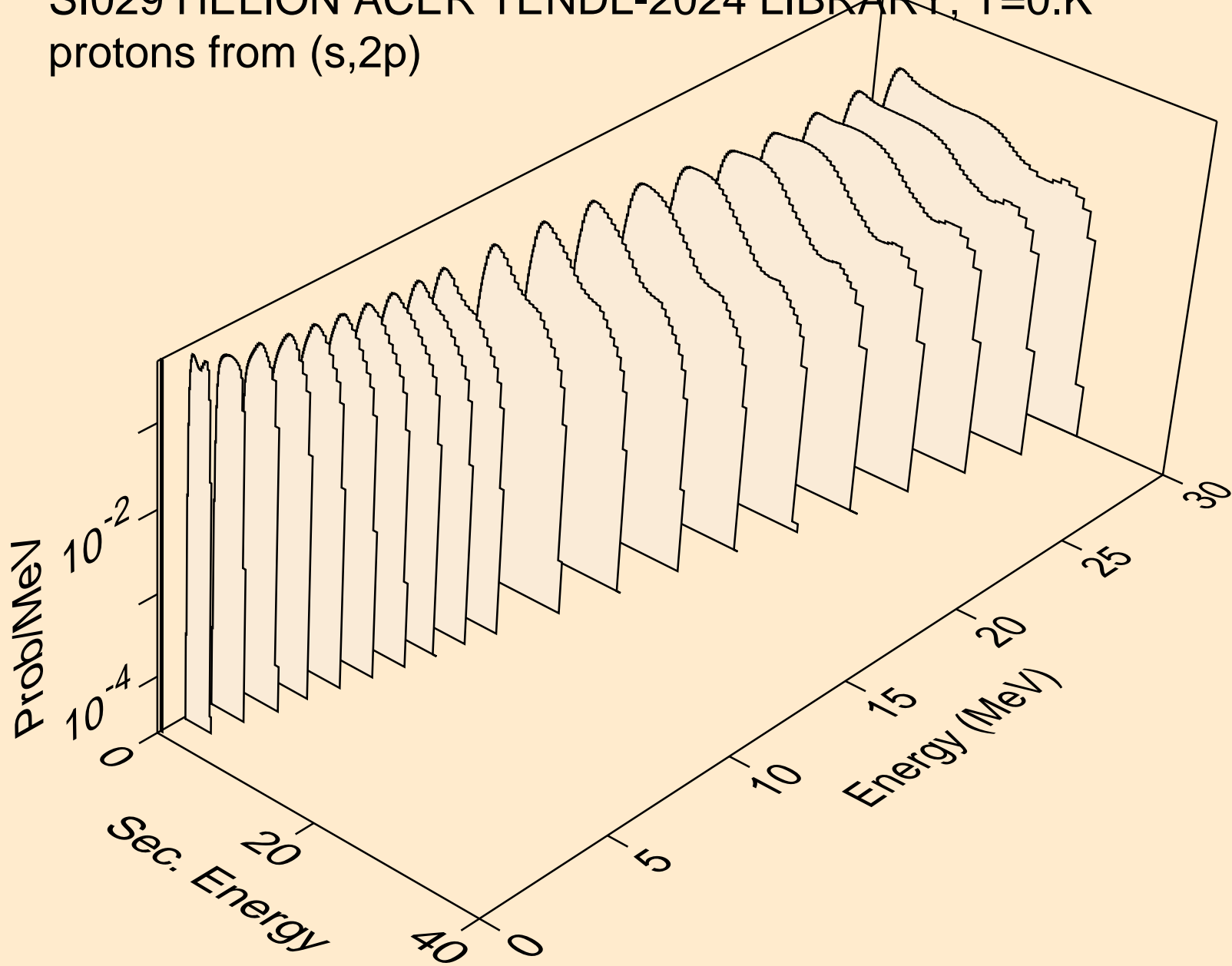
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)



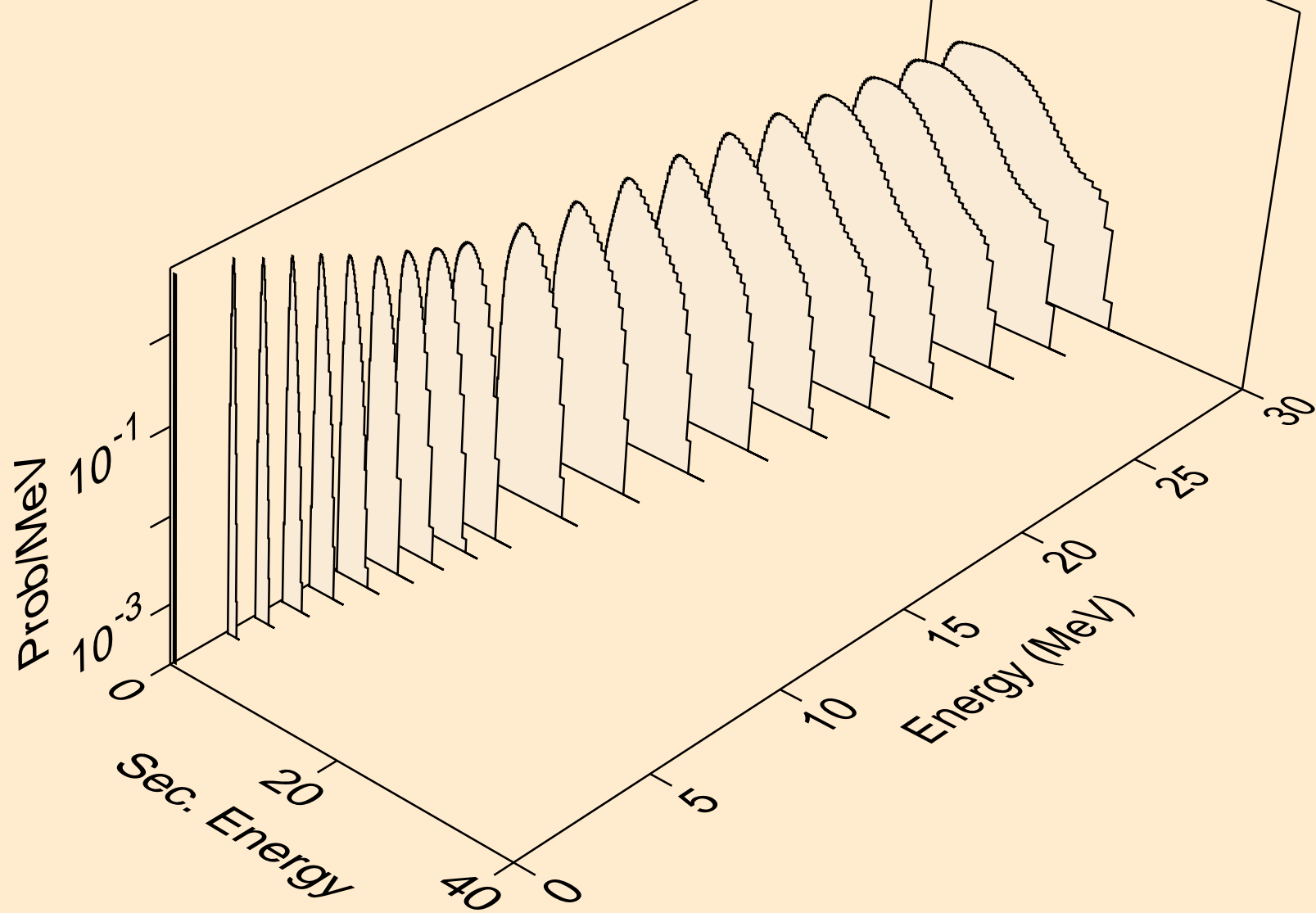
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



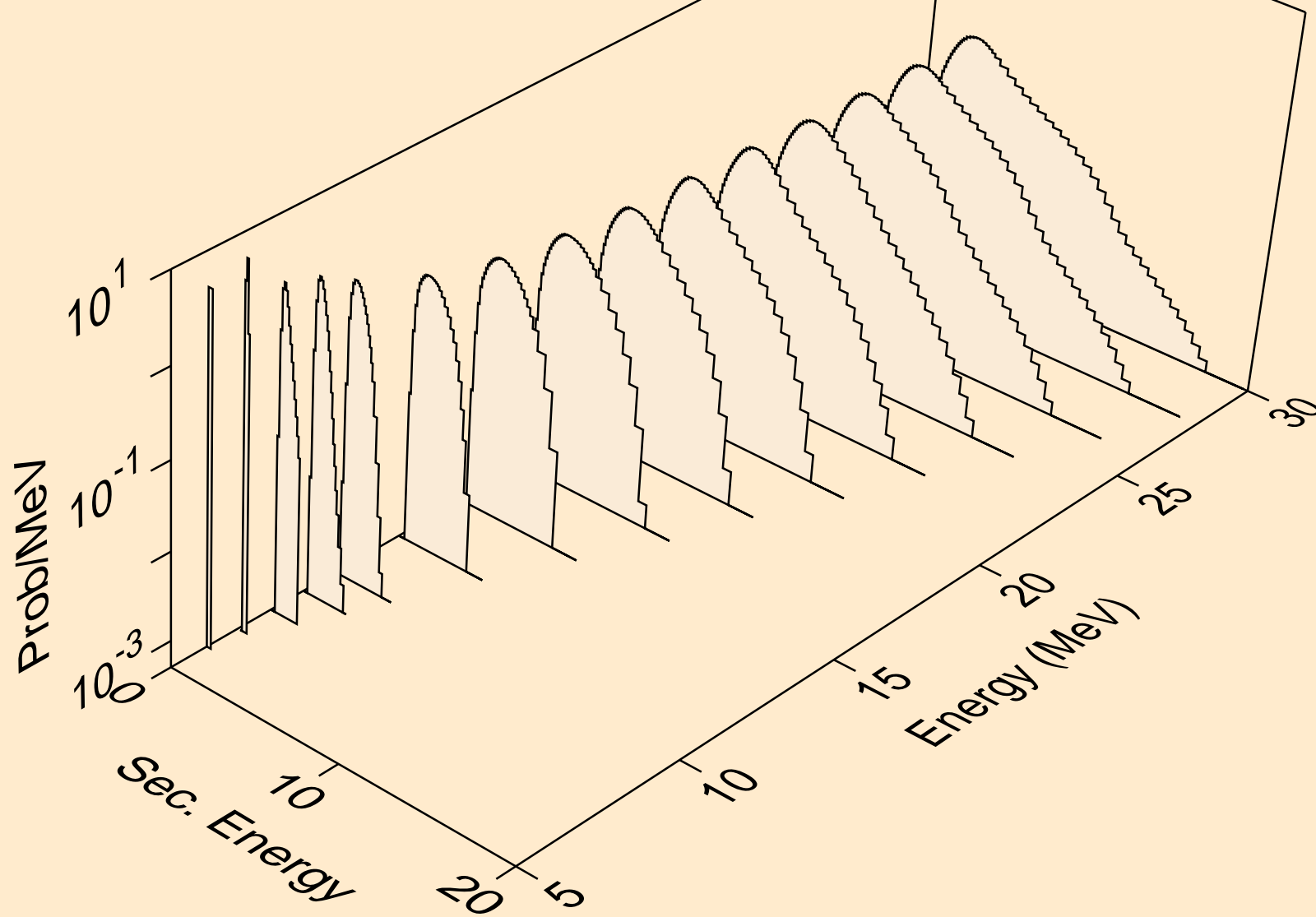
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



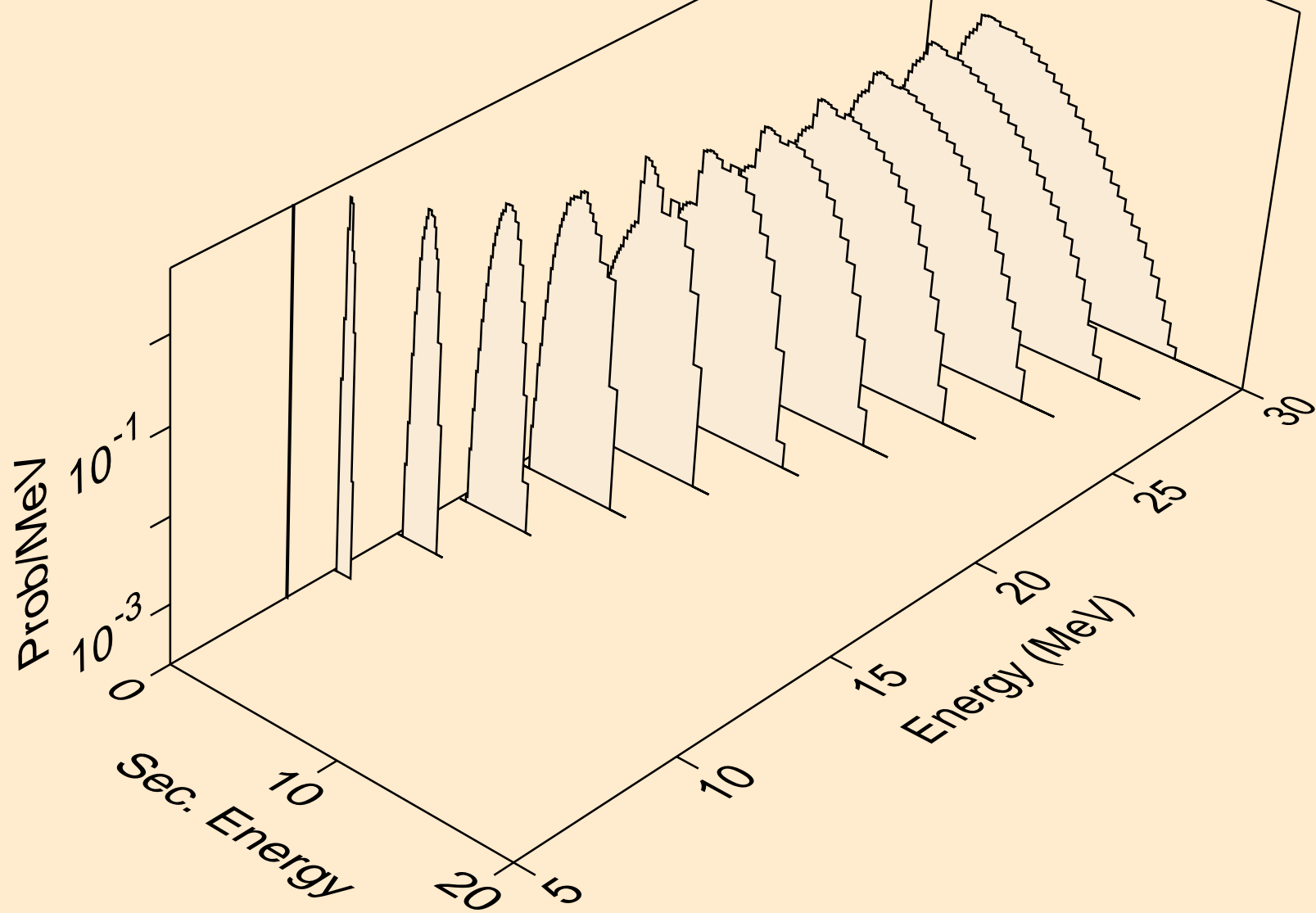
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



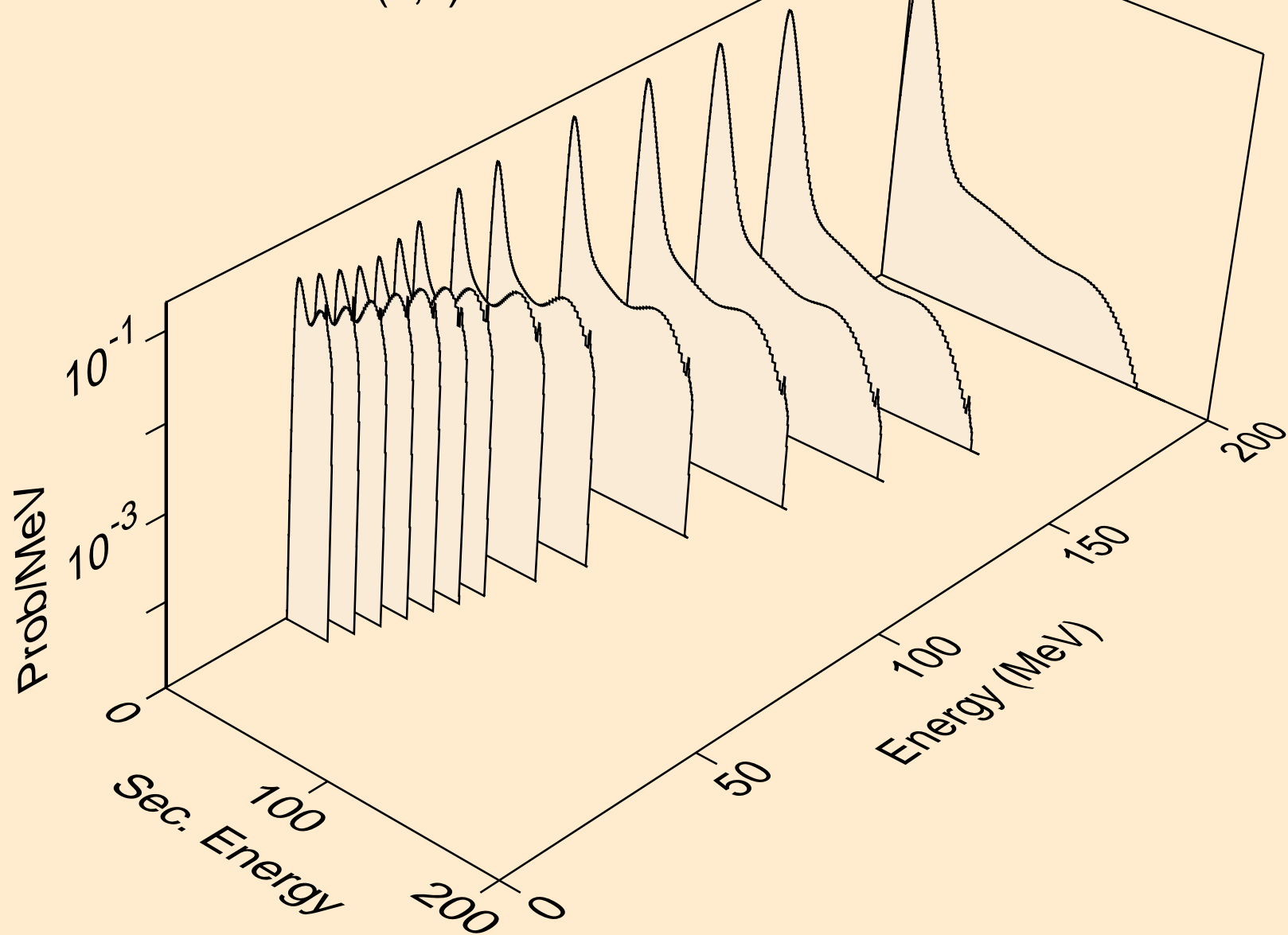
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)



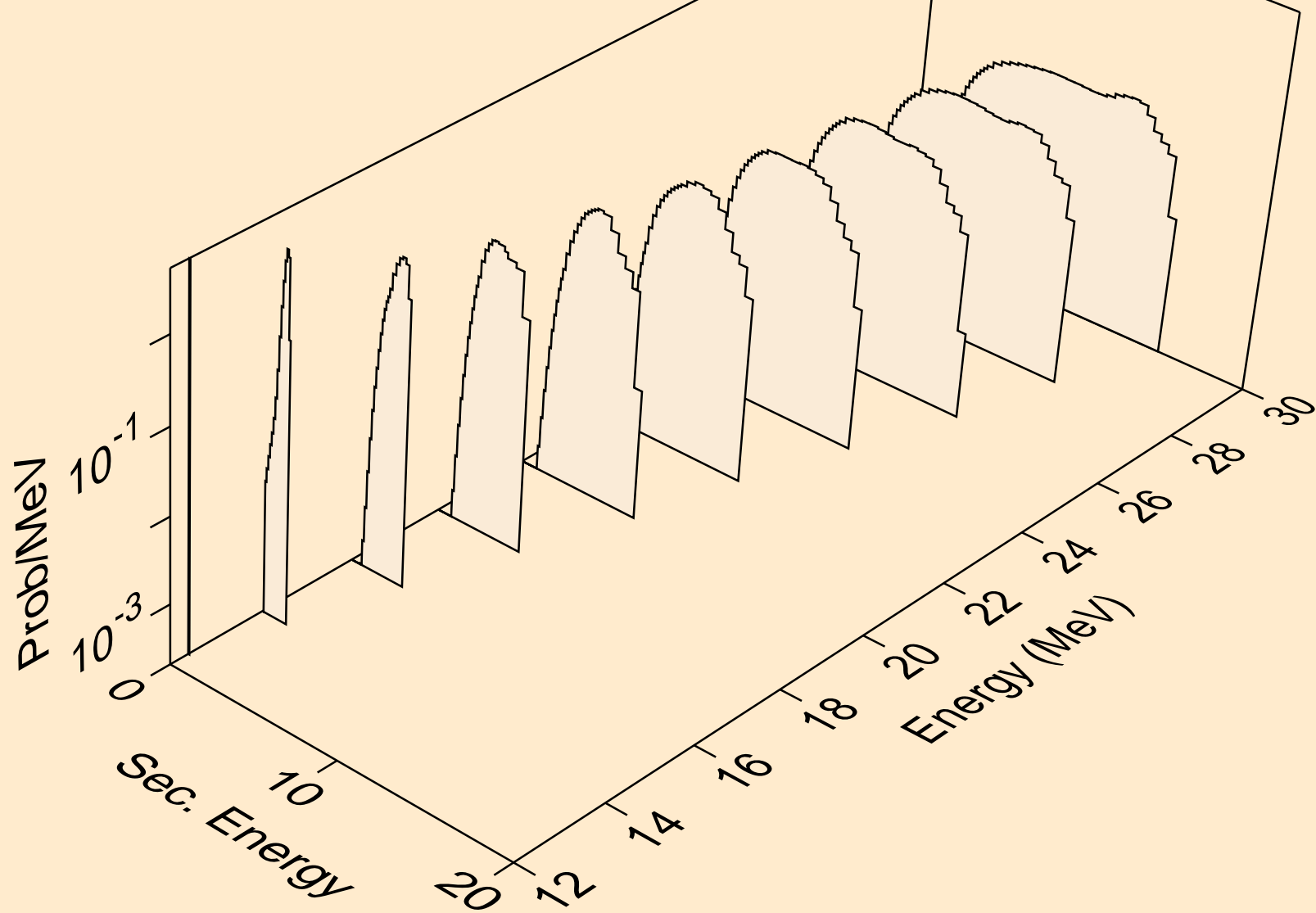
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)



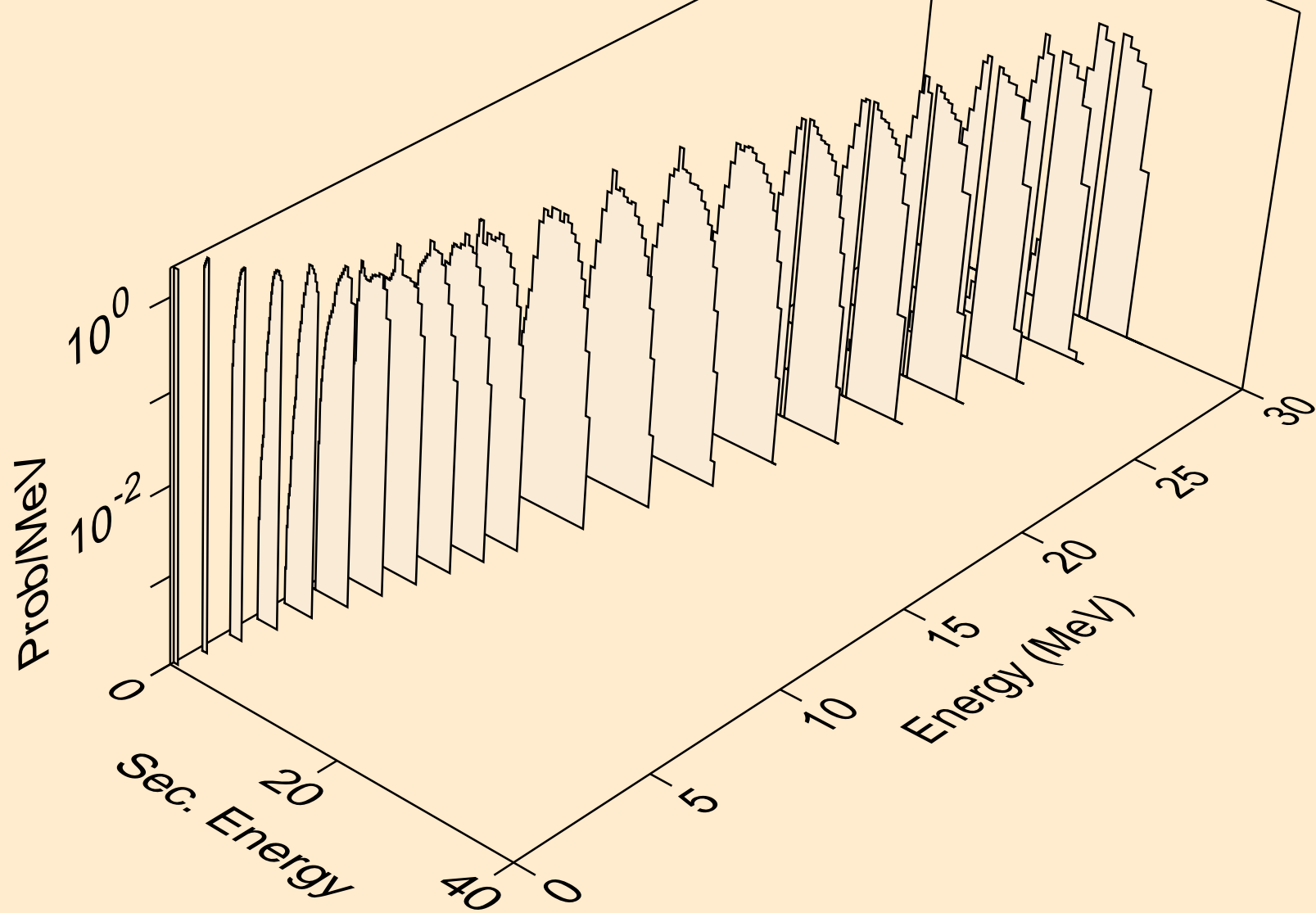
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



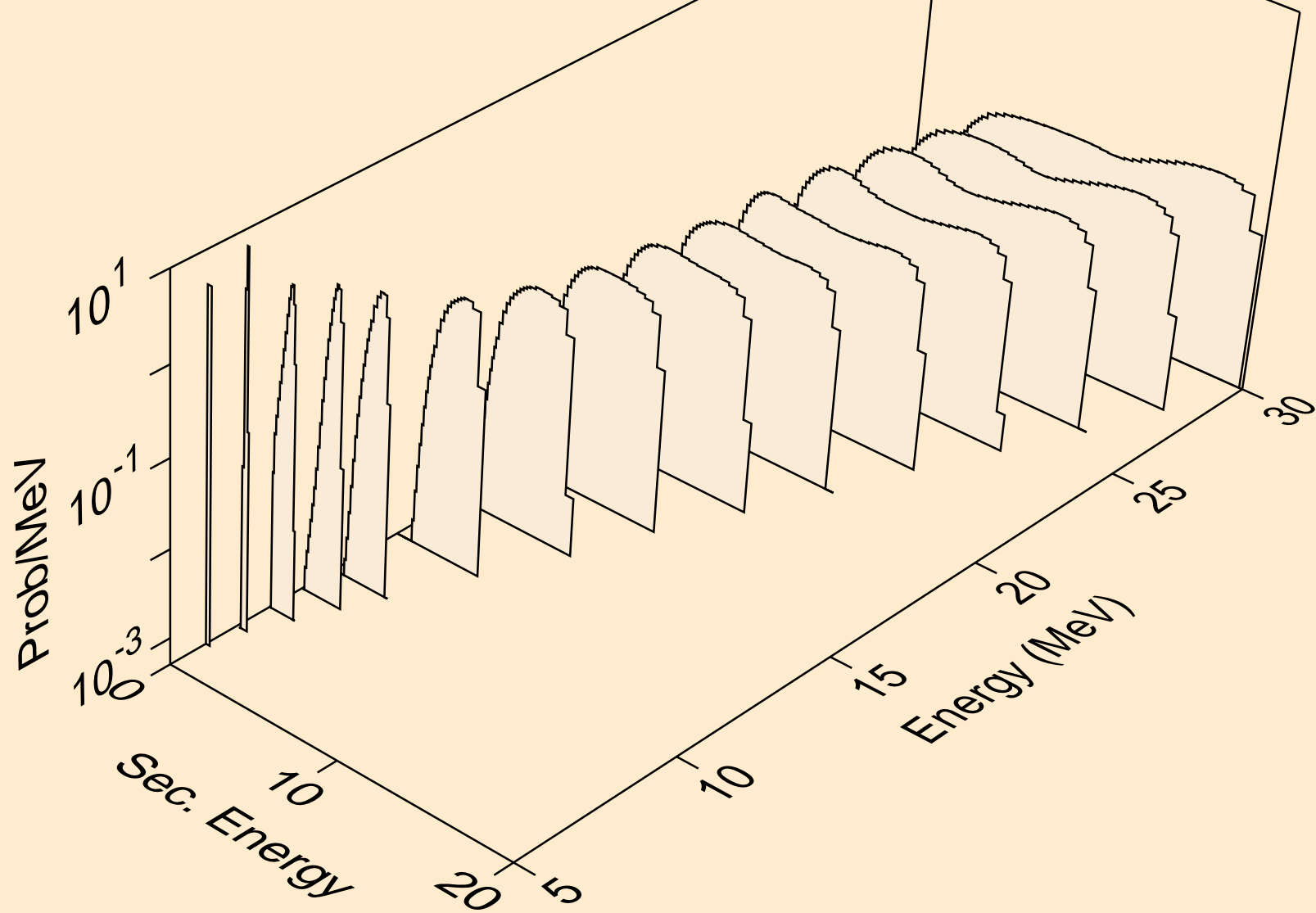
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



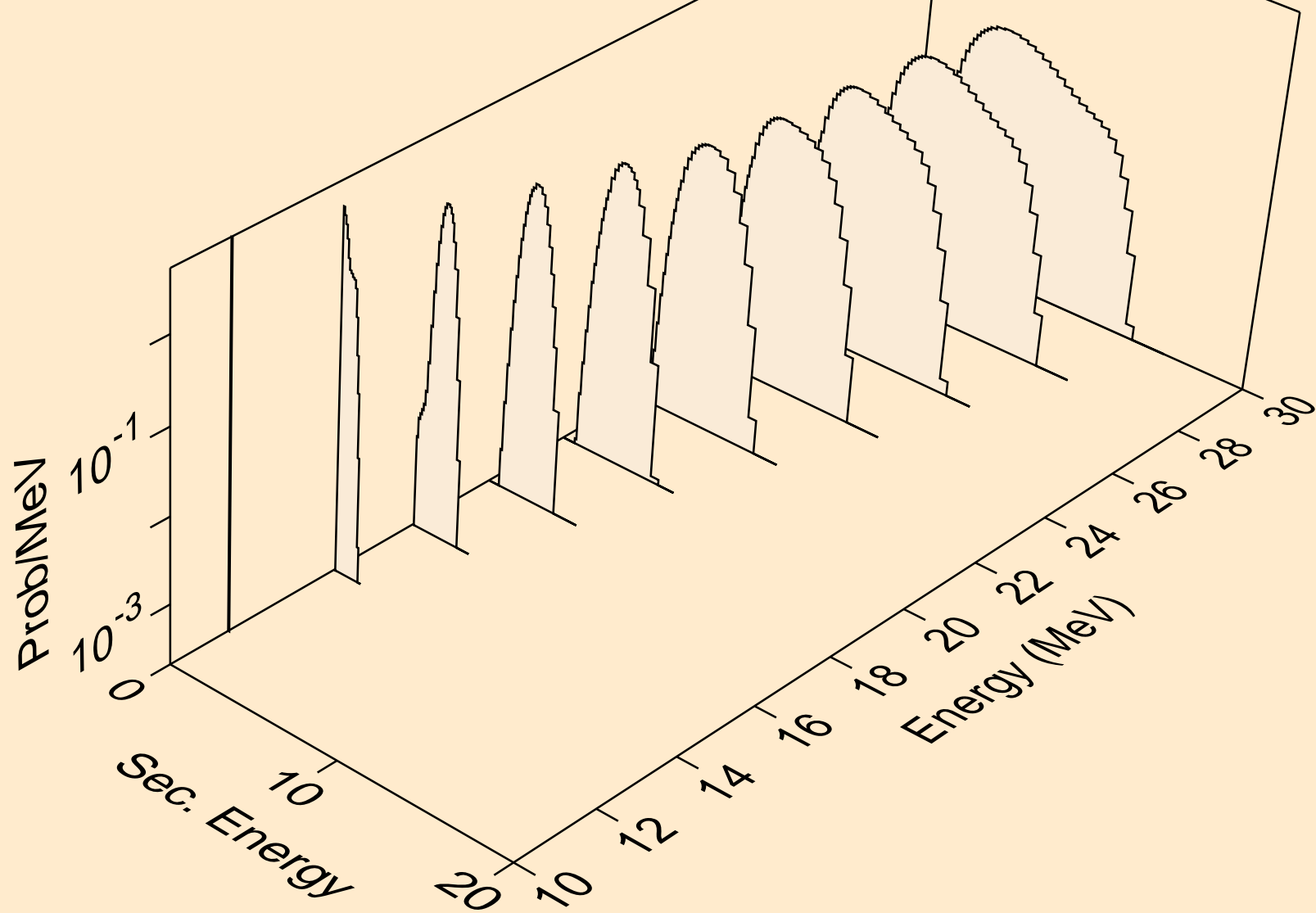
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)



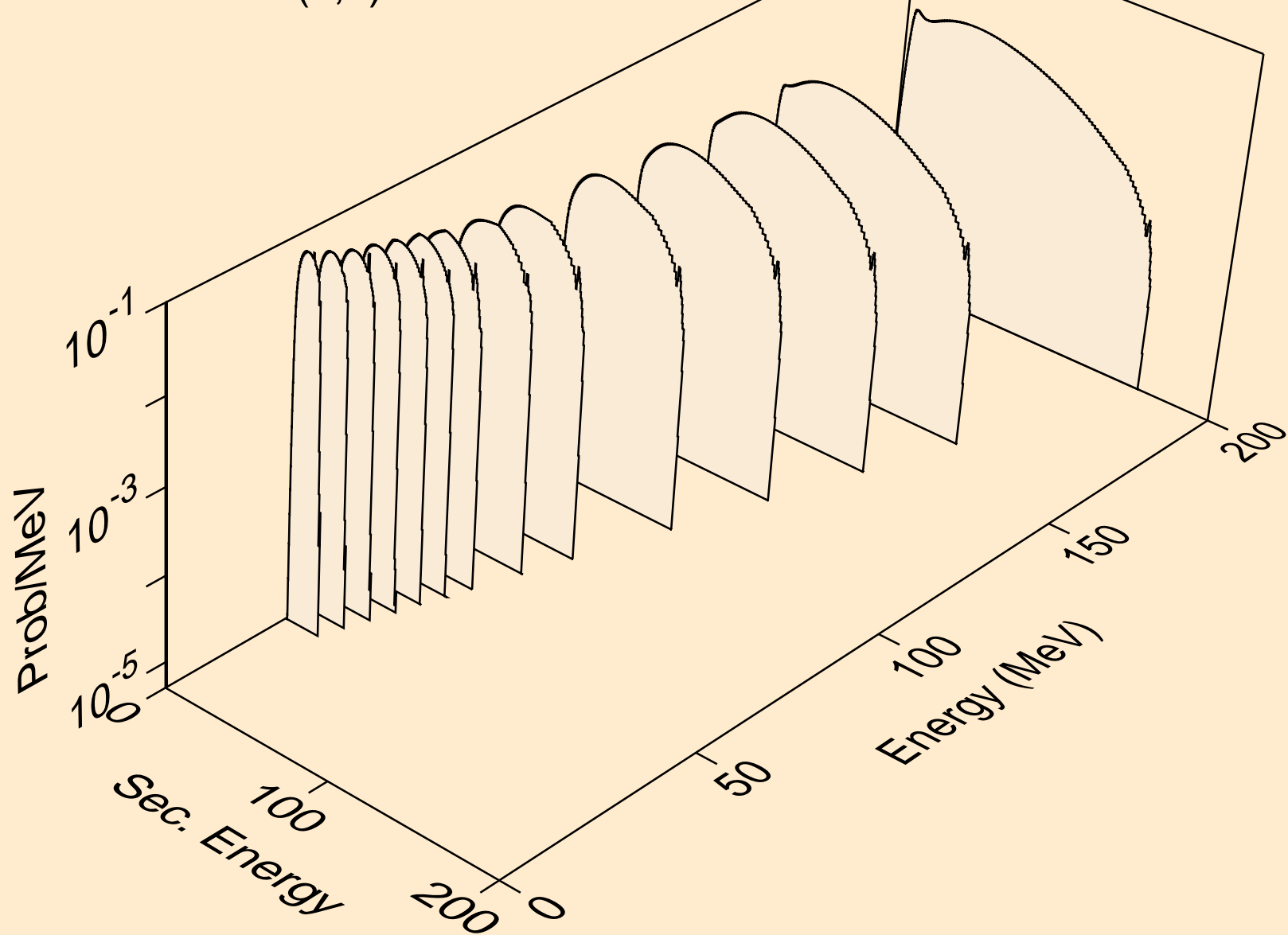
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



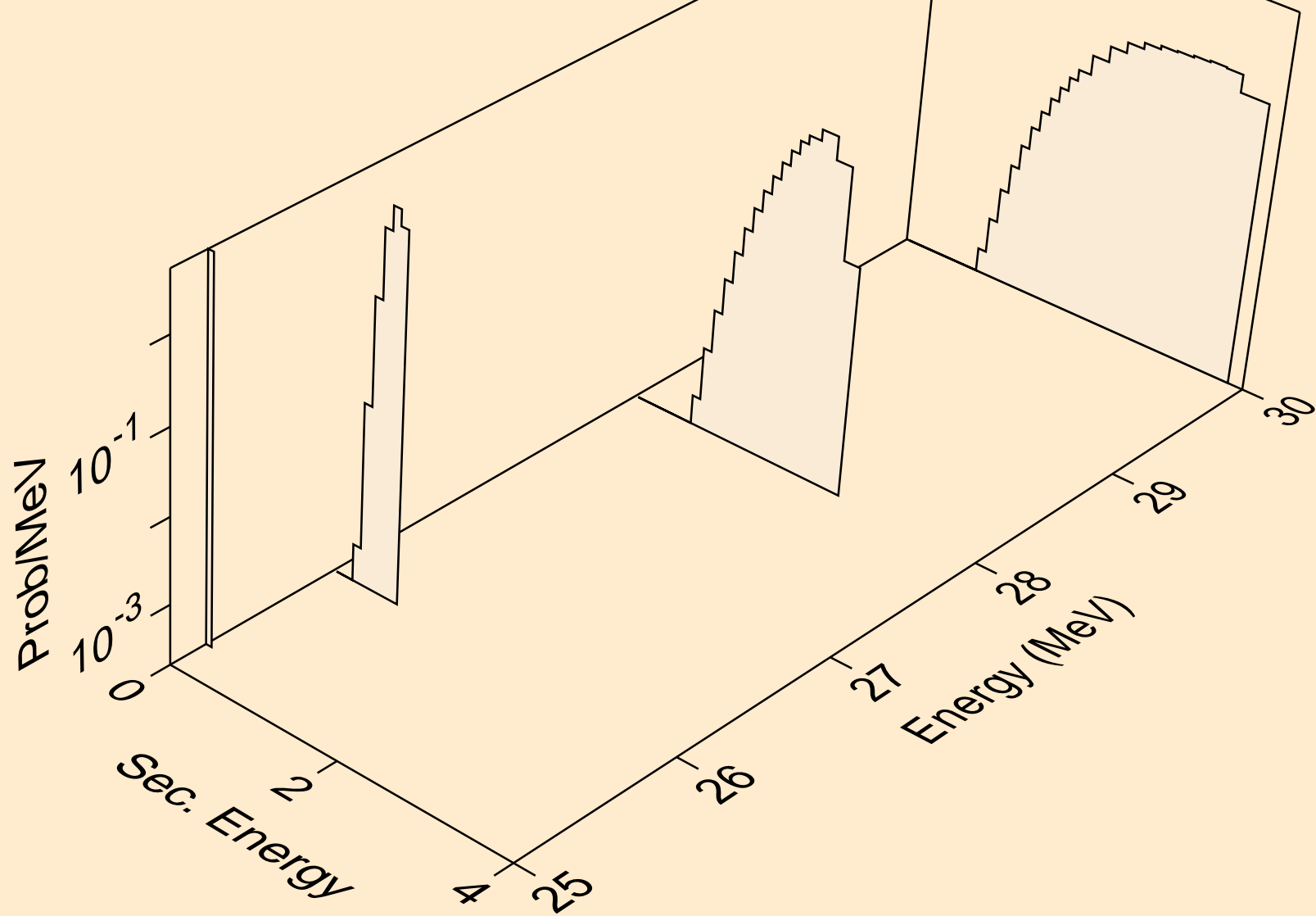
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,da)



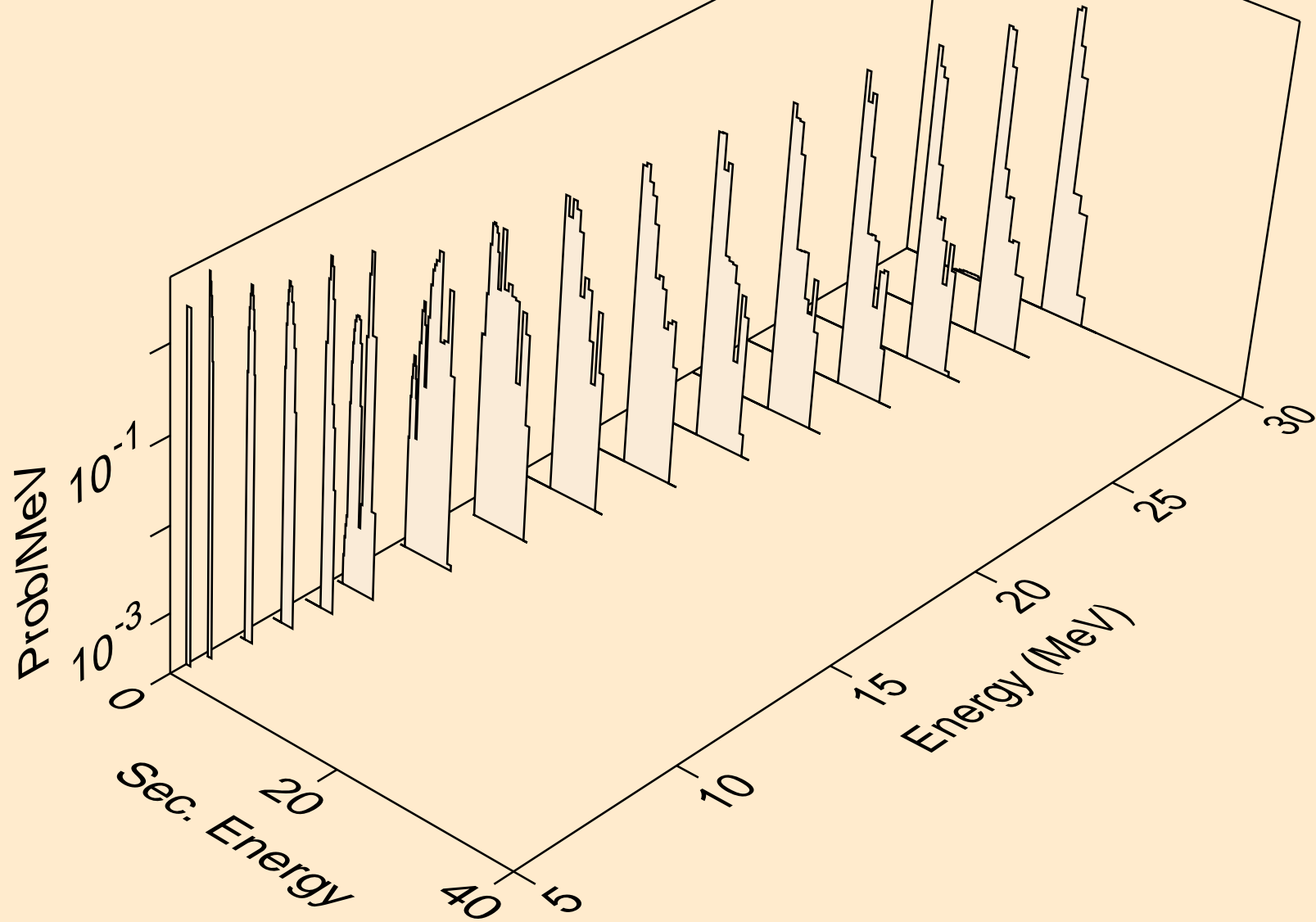
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



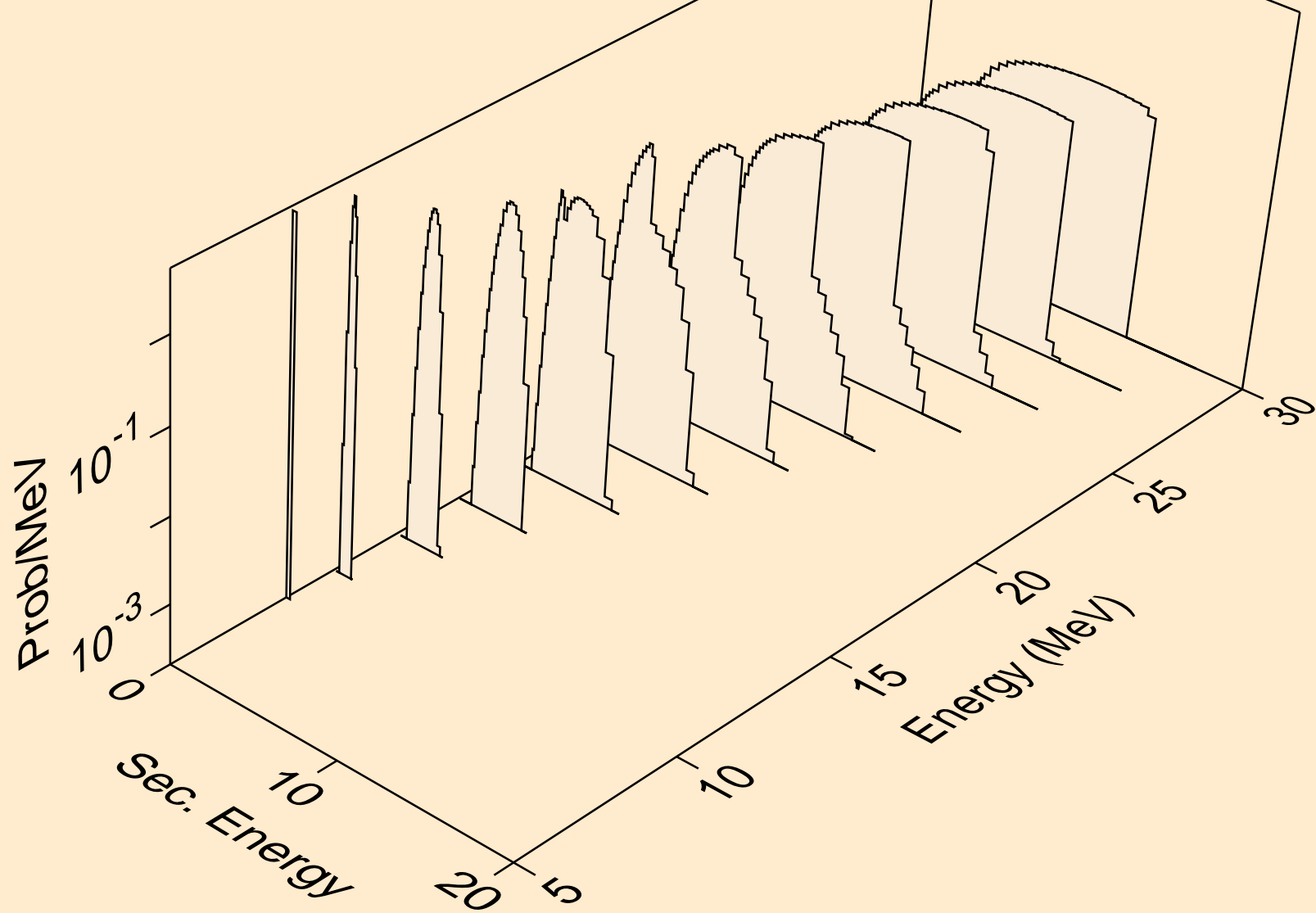
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



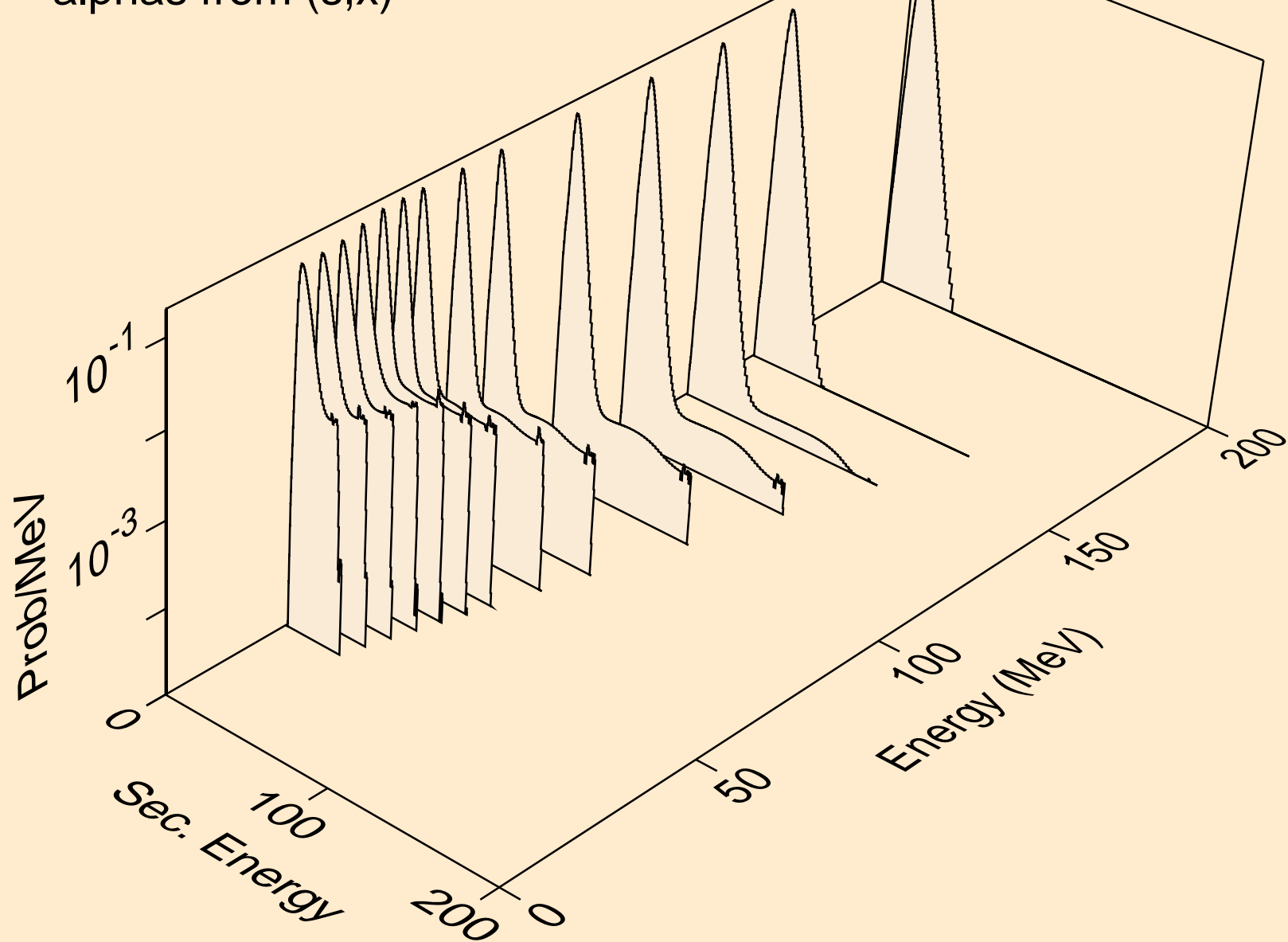
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)



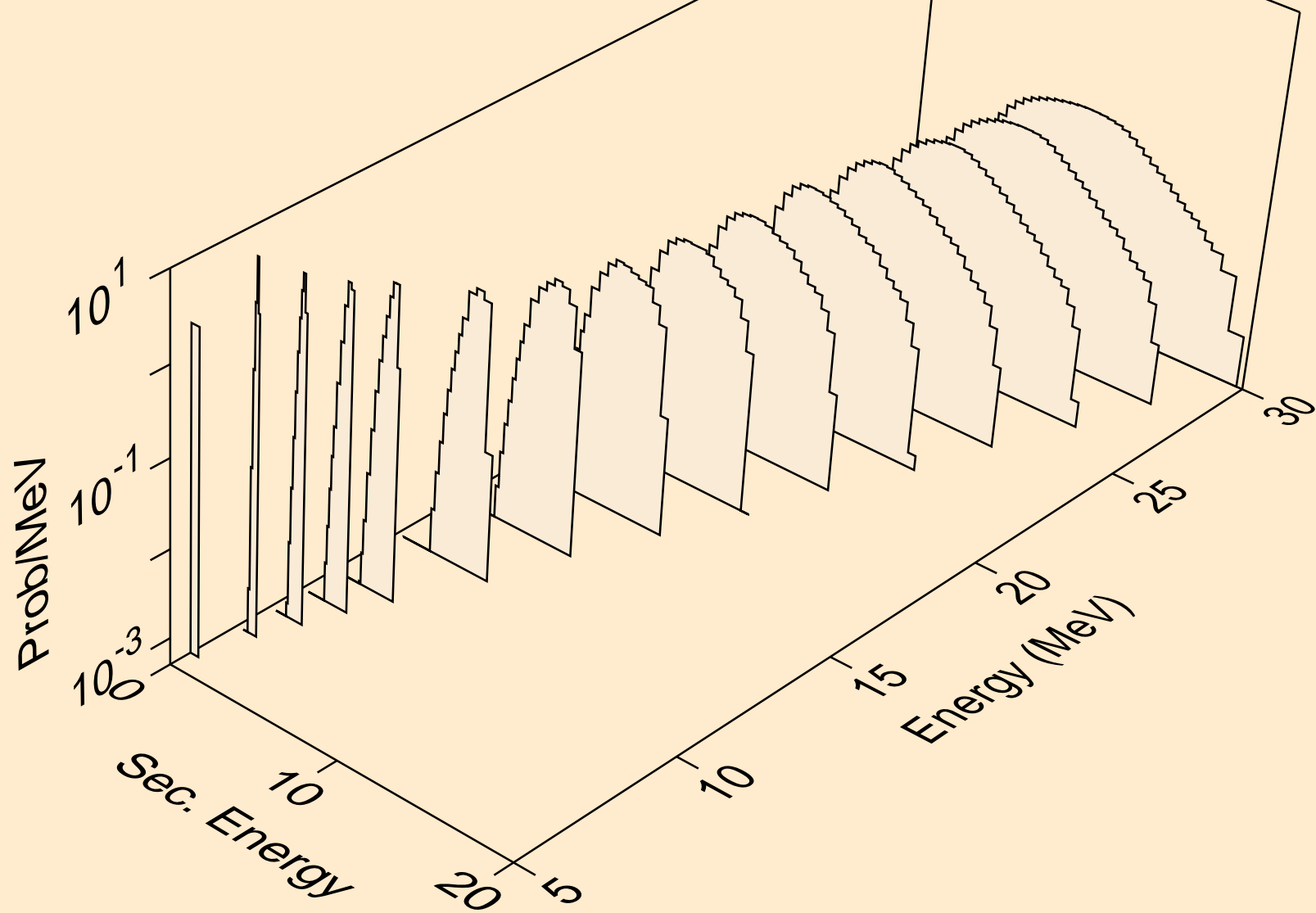
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,pt)



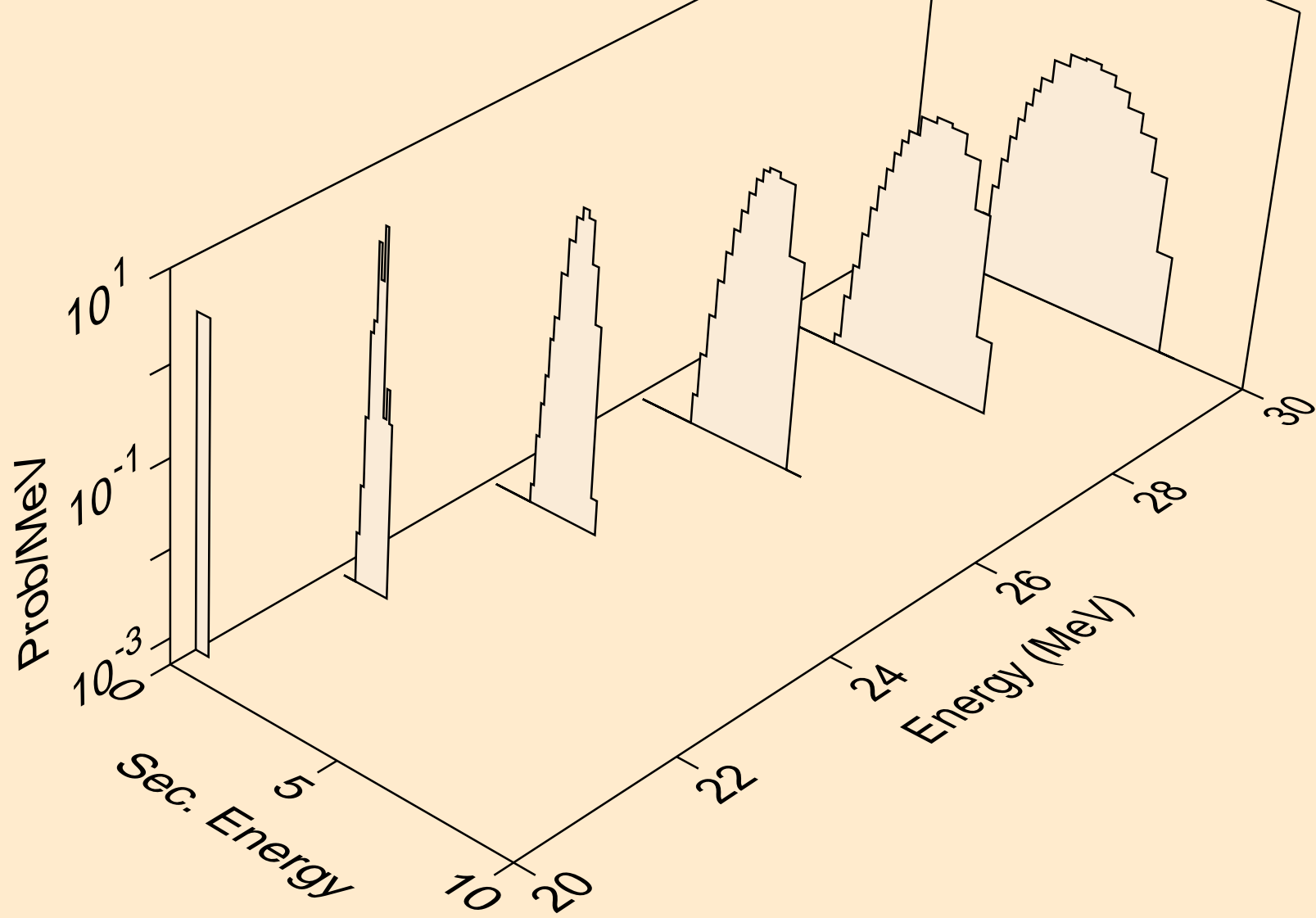
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



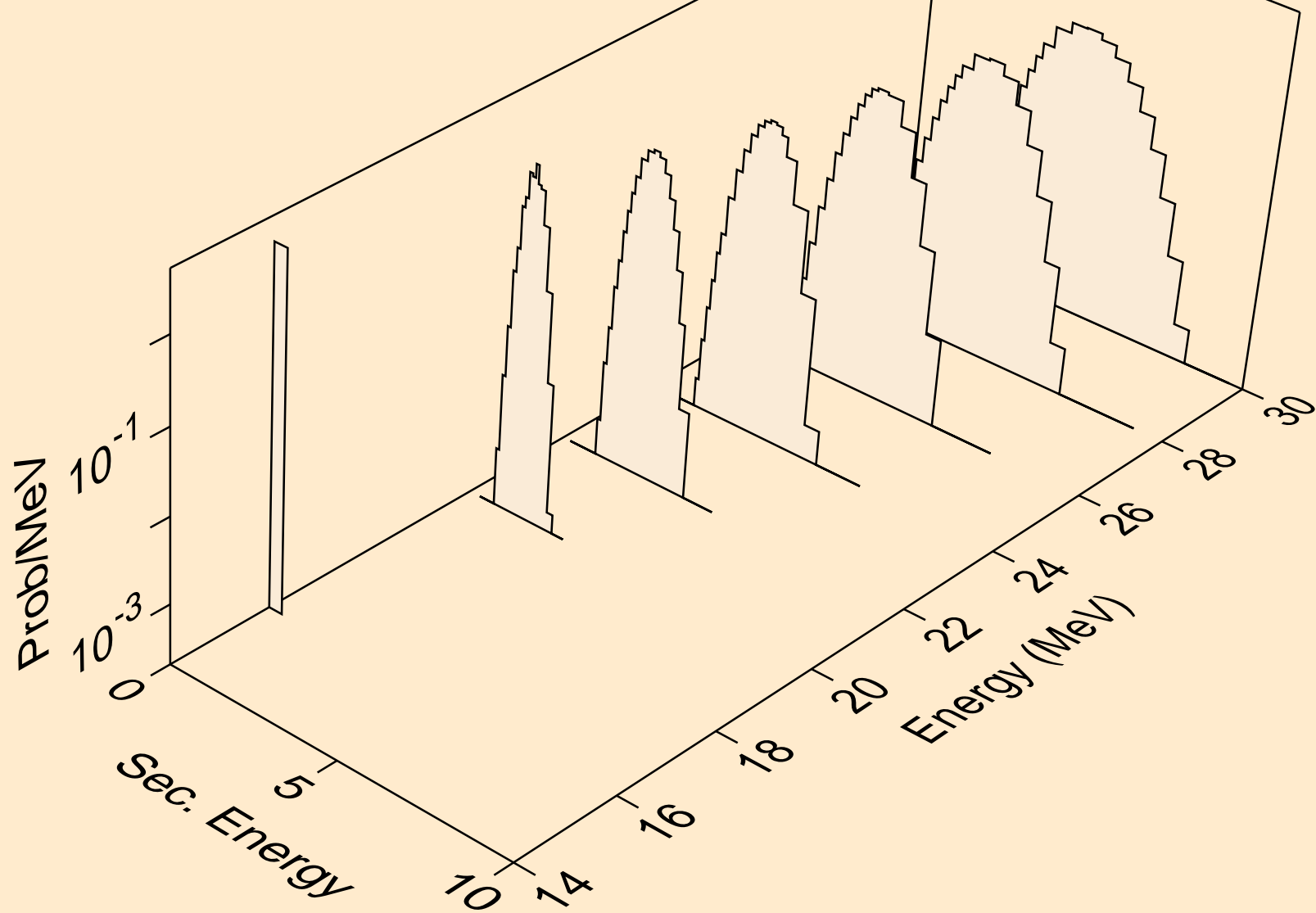
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



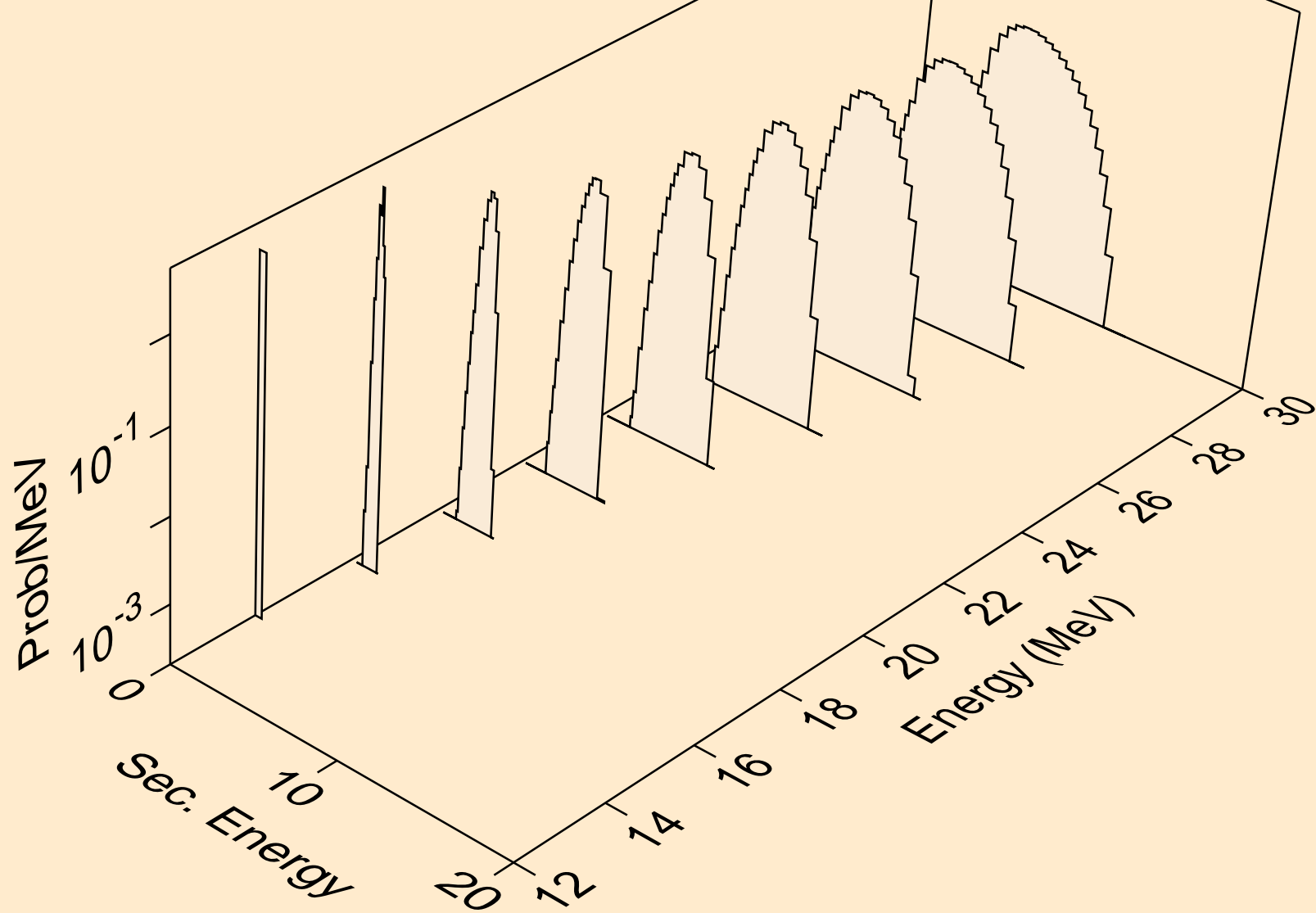
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



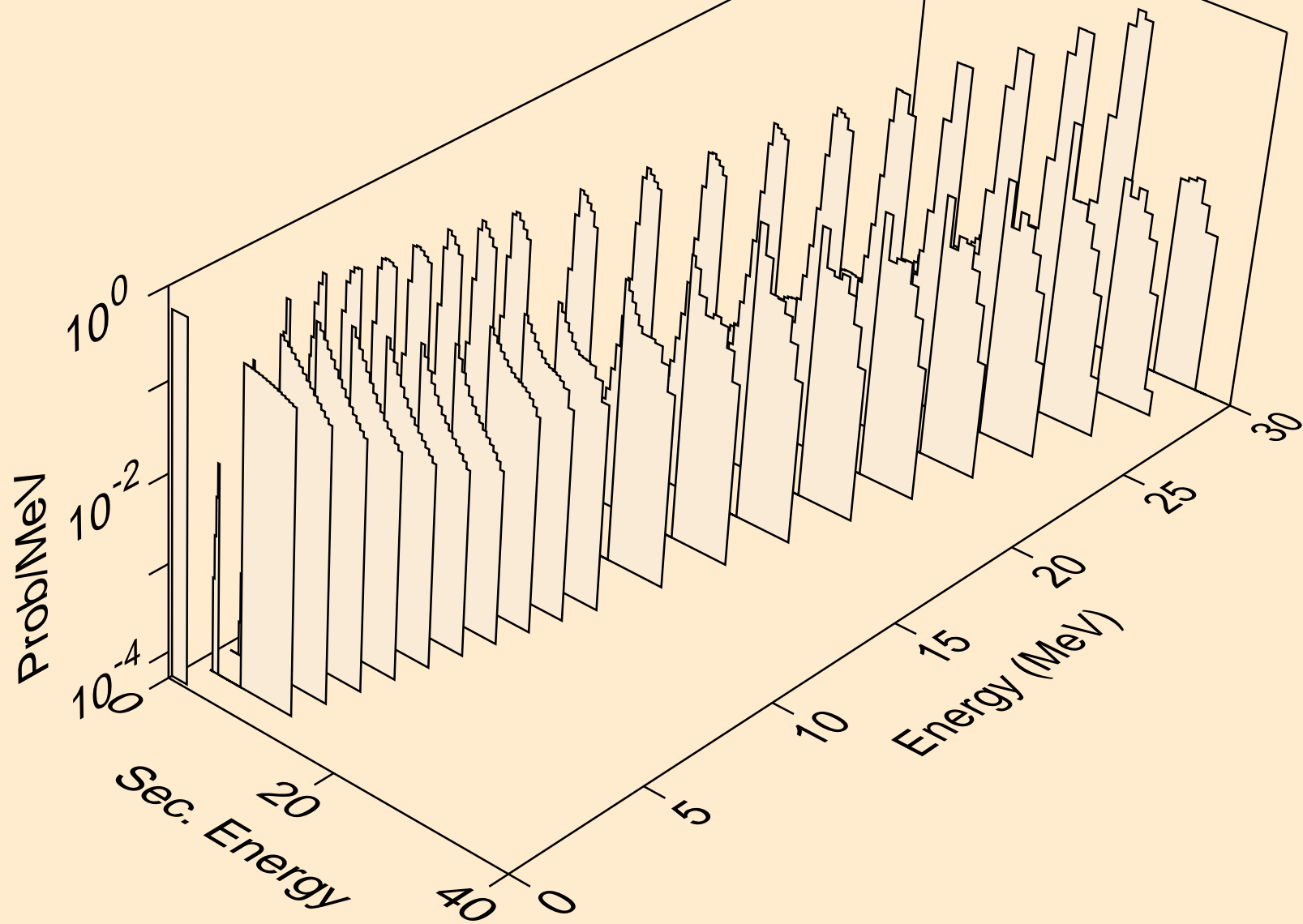
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)2a



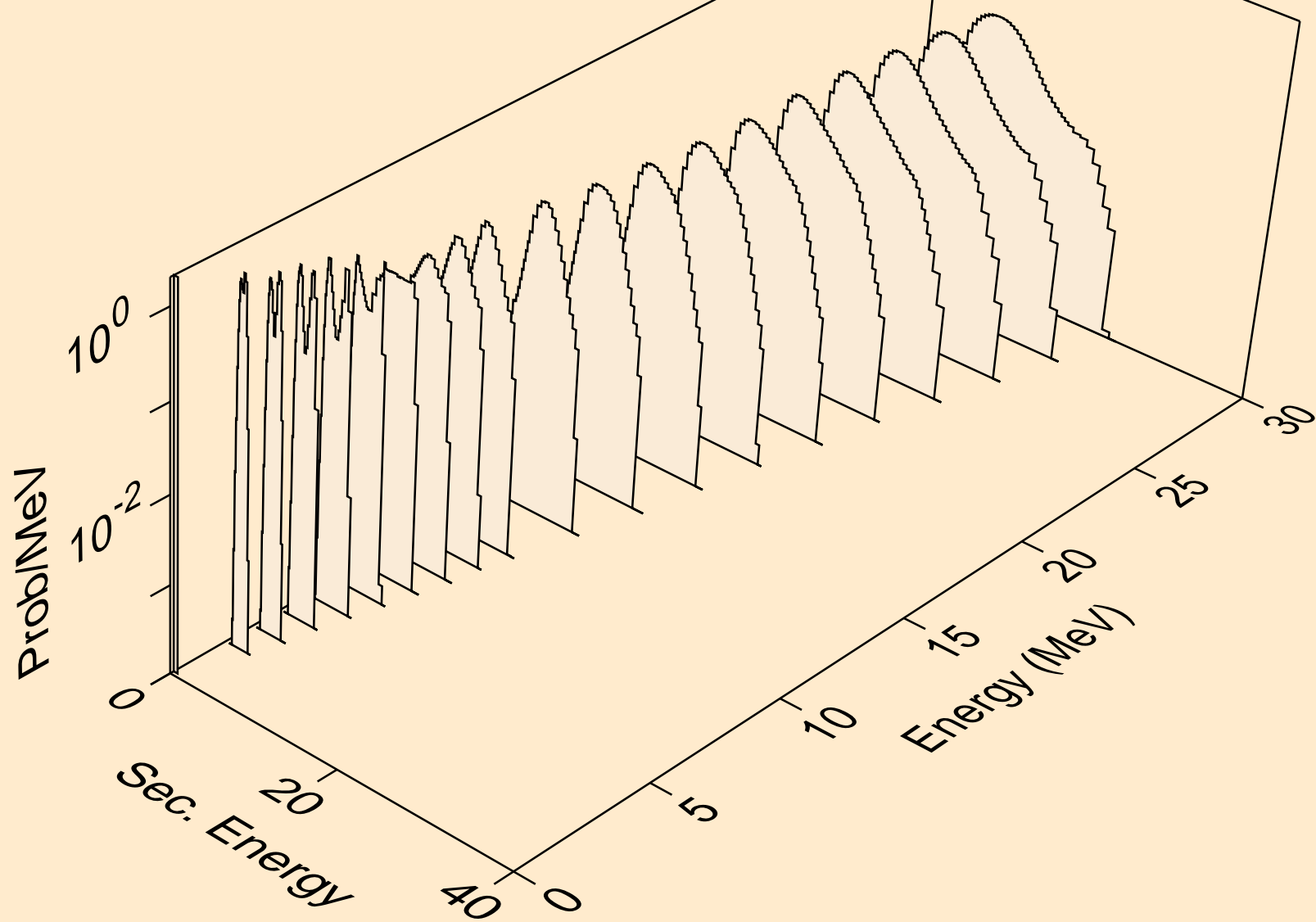
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



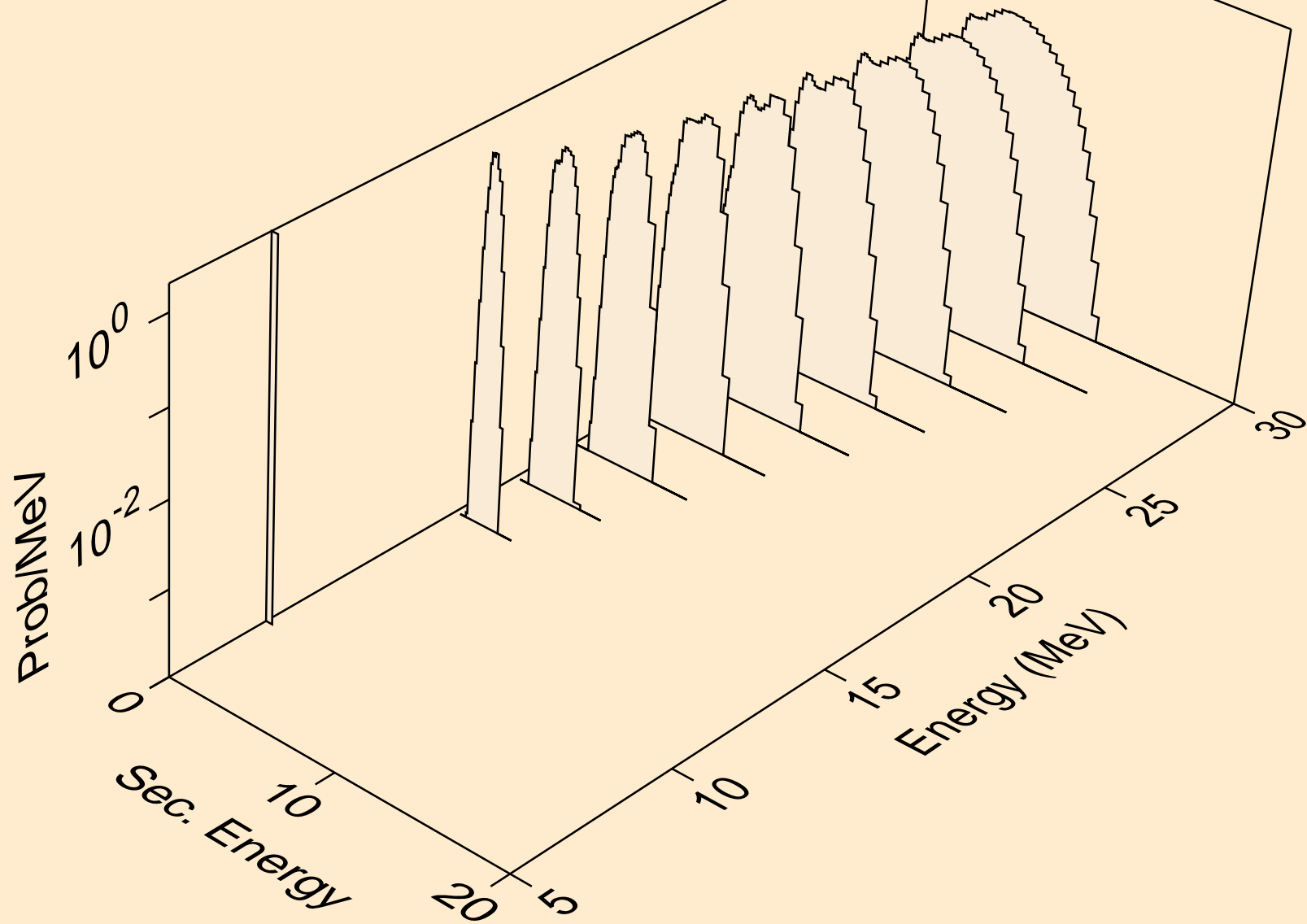
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



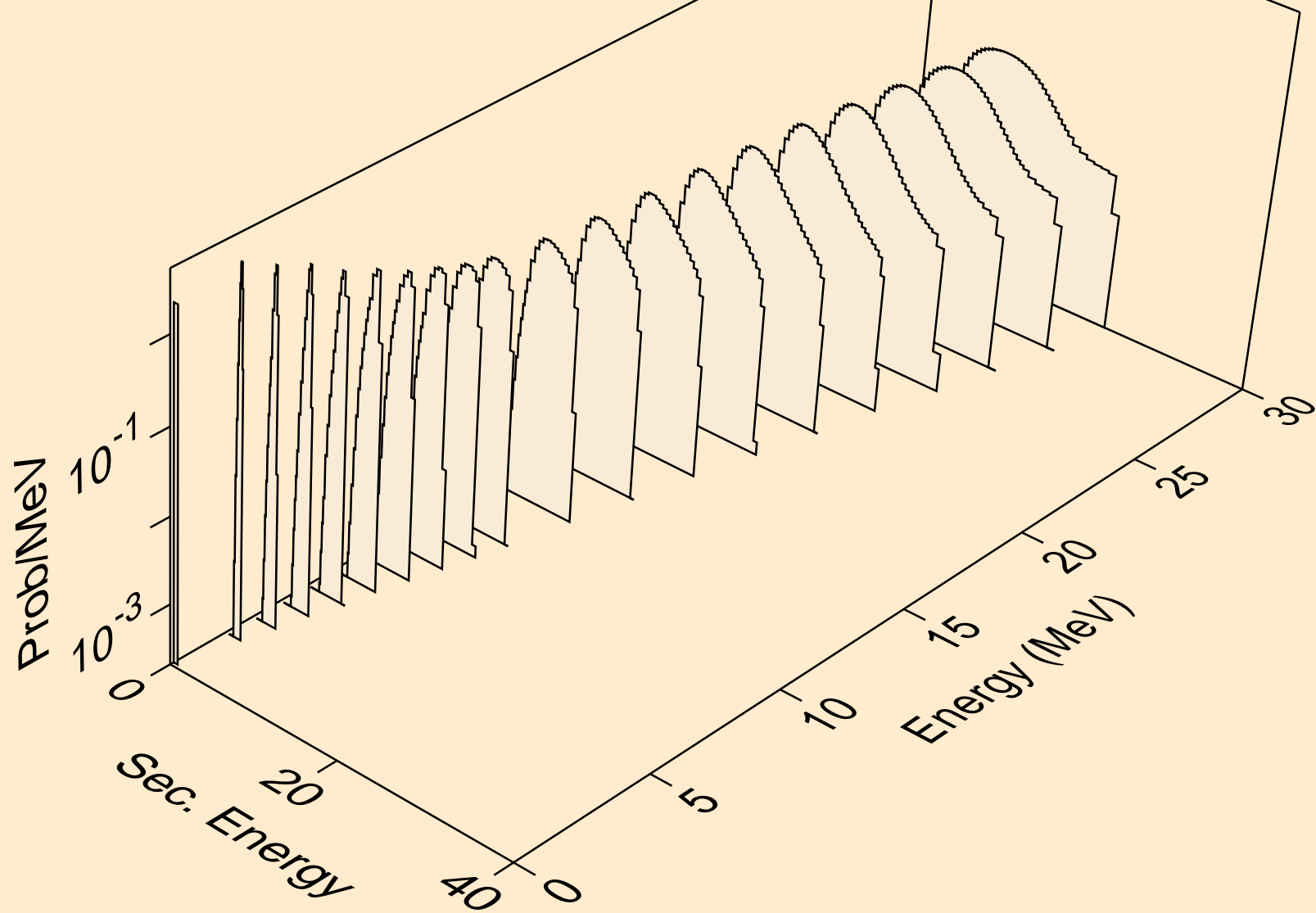
SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3a)



SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



SI029 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

