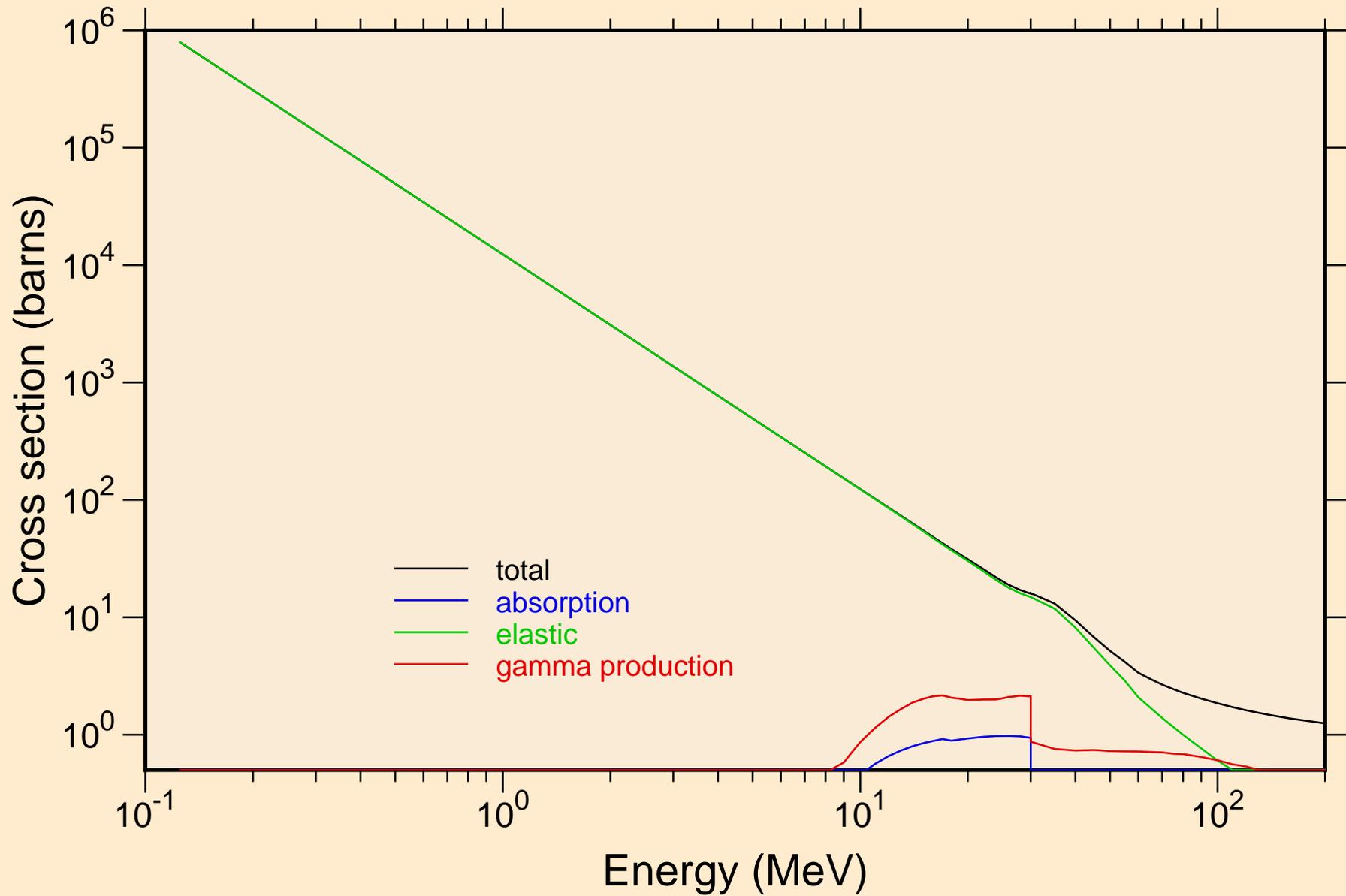


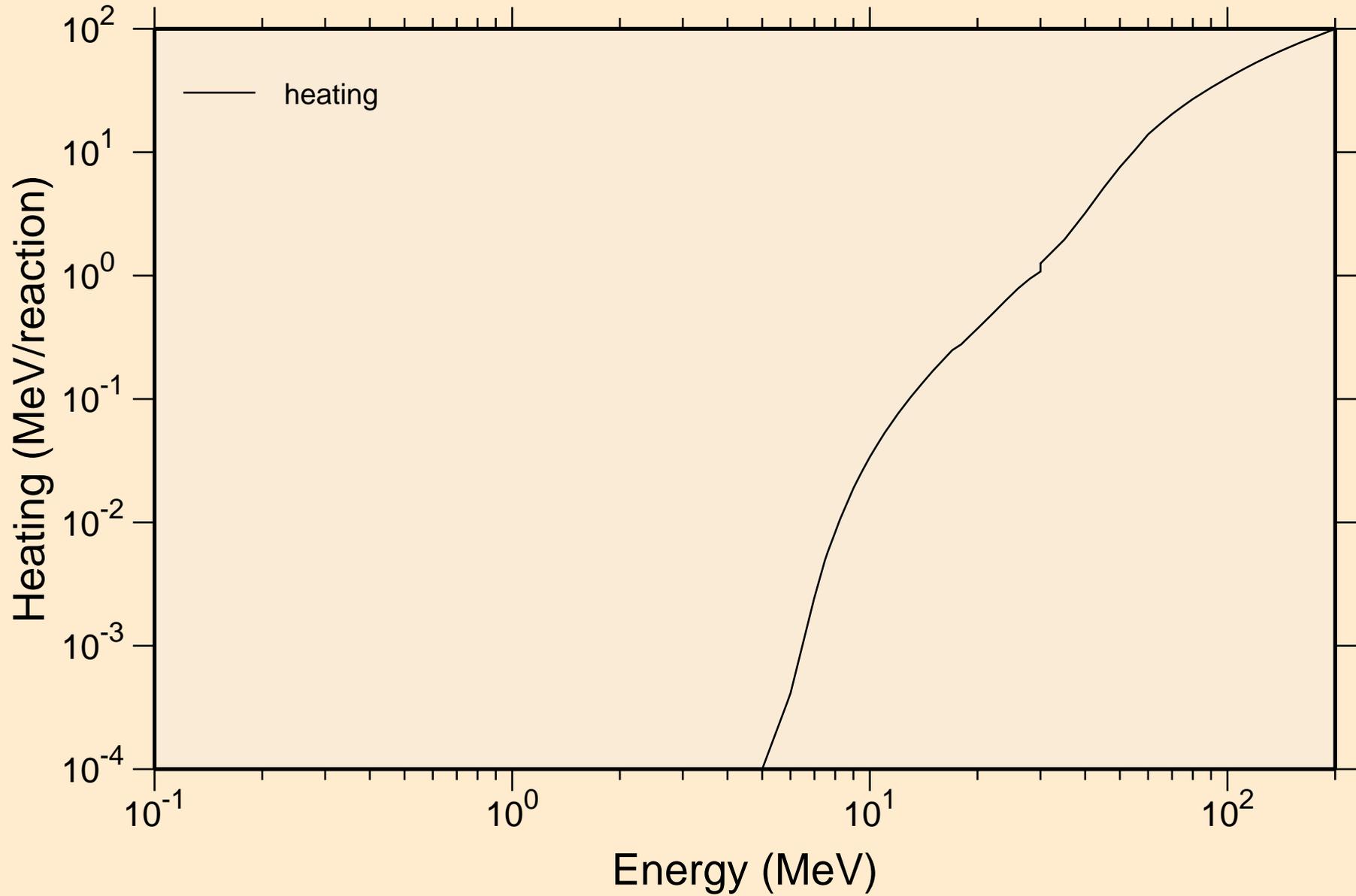
# SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



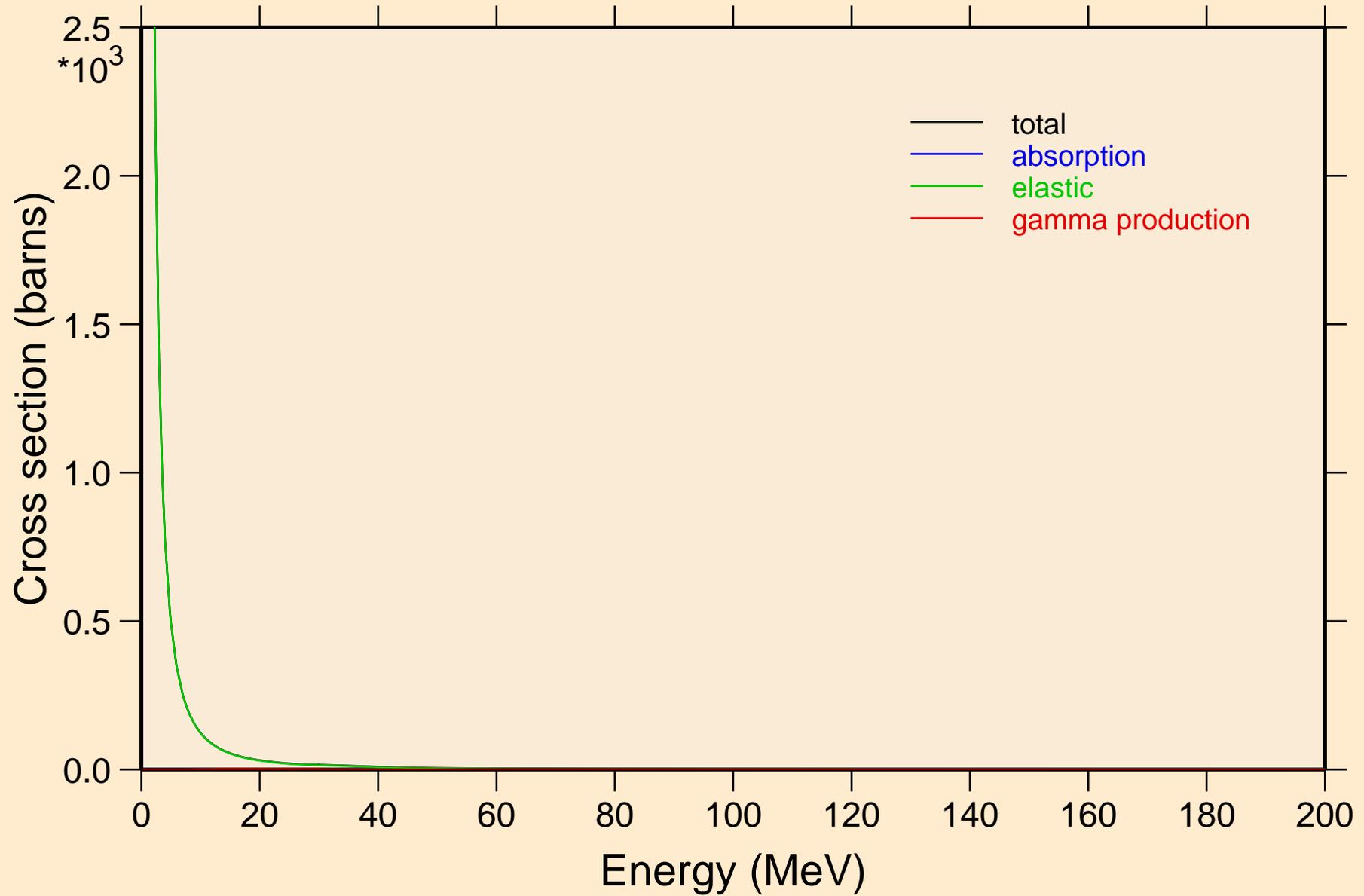
# SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Heating



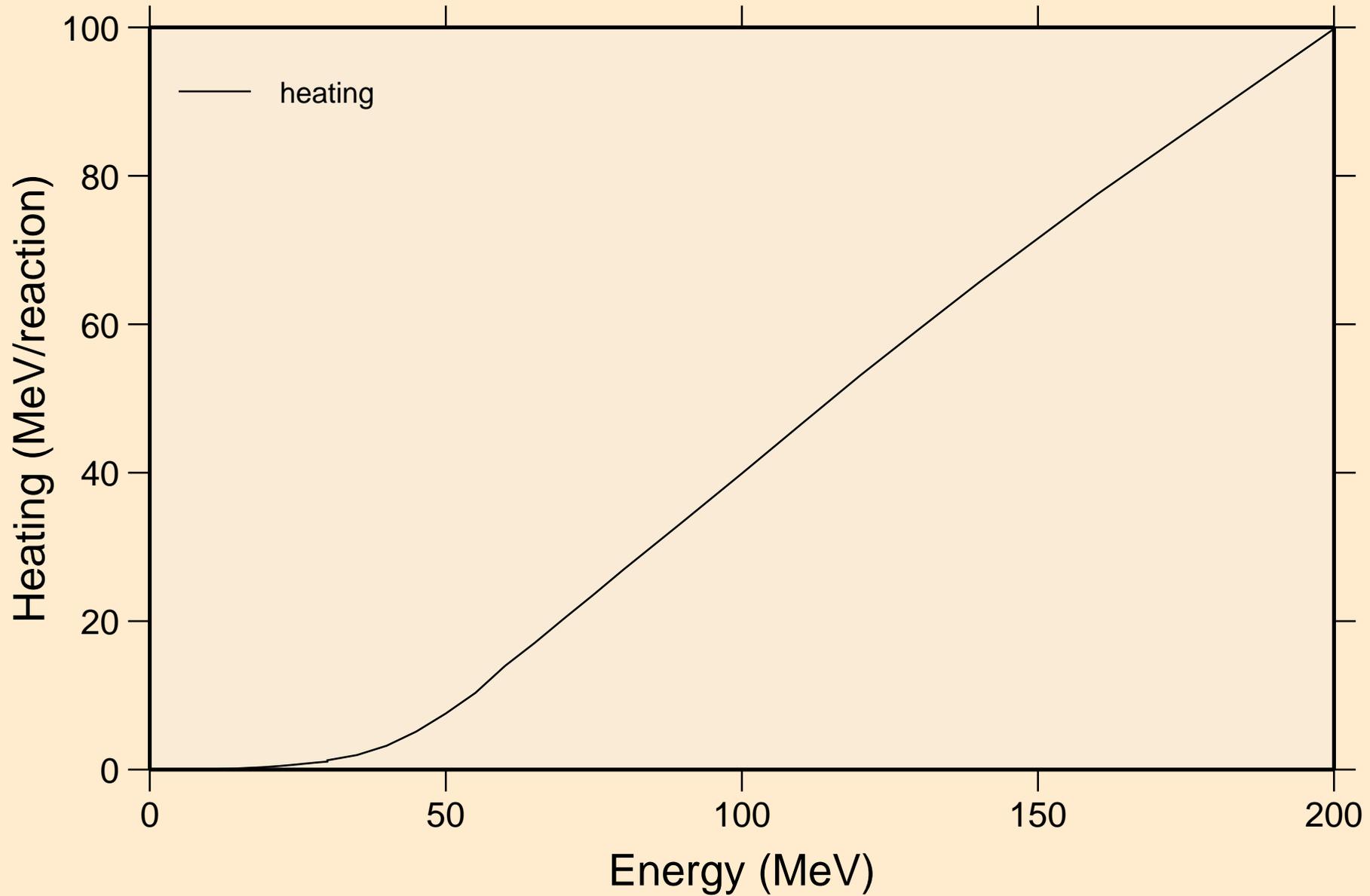
# SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

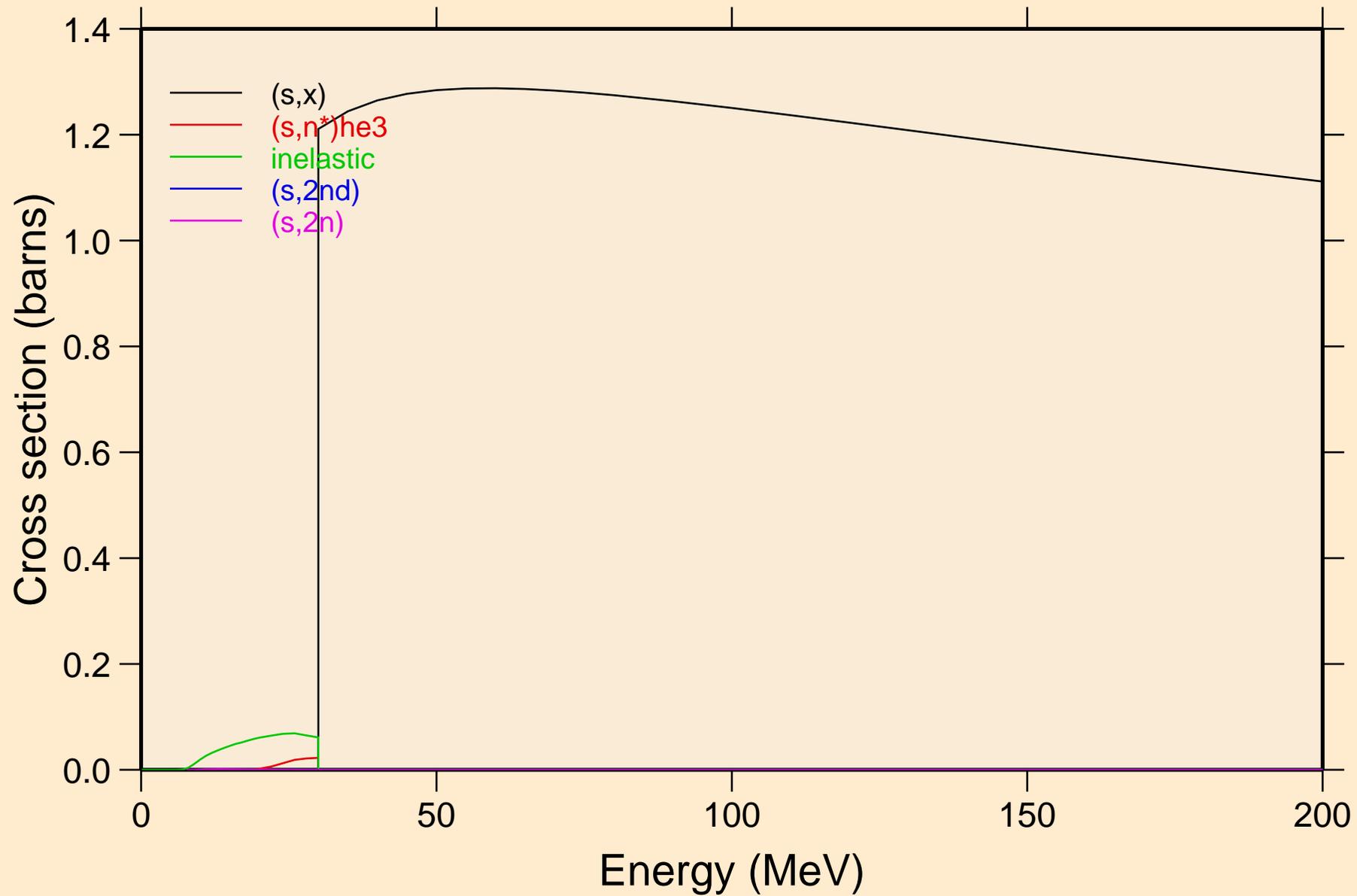


SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating

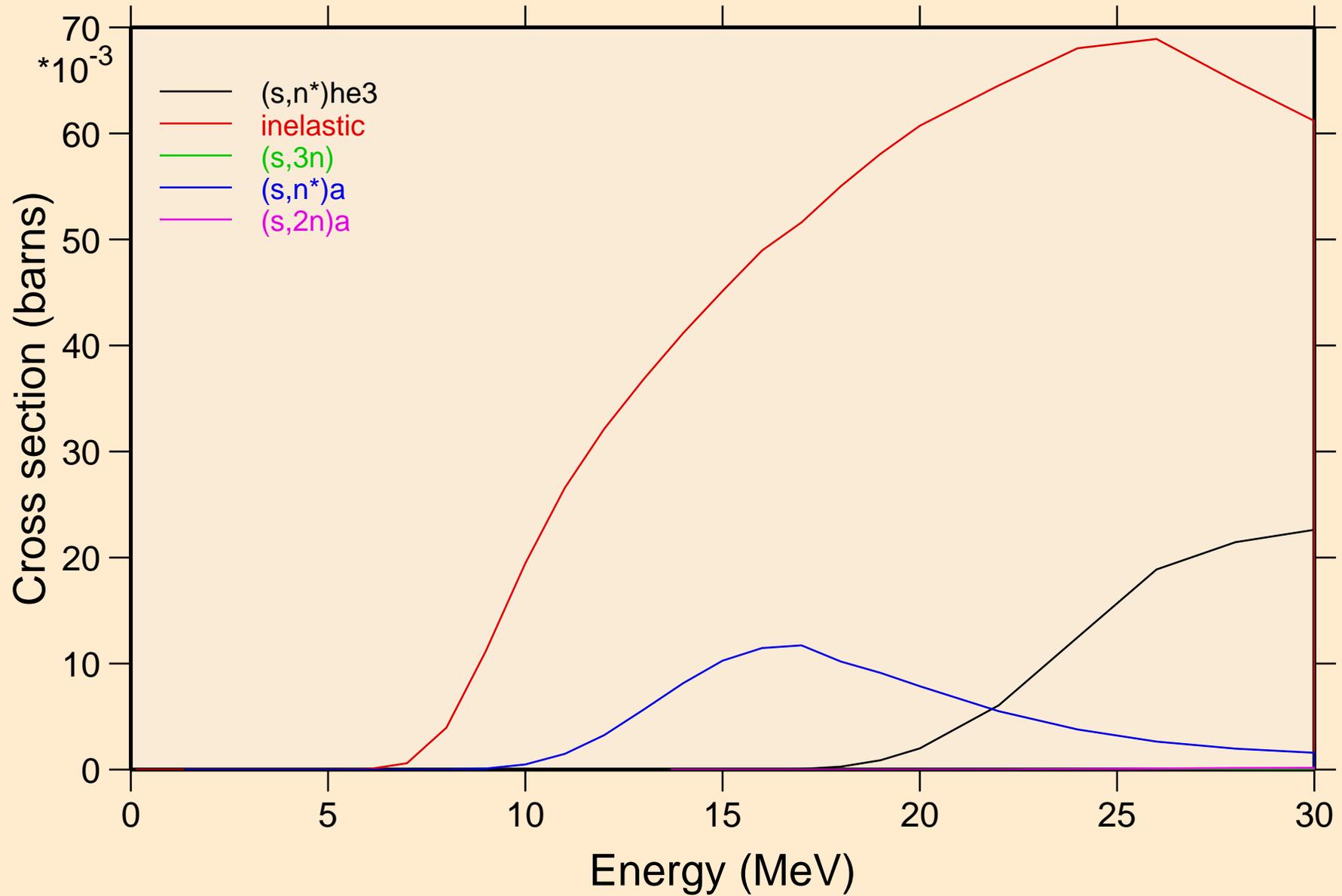


SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

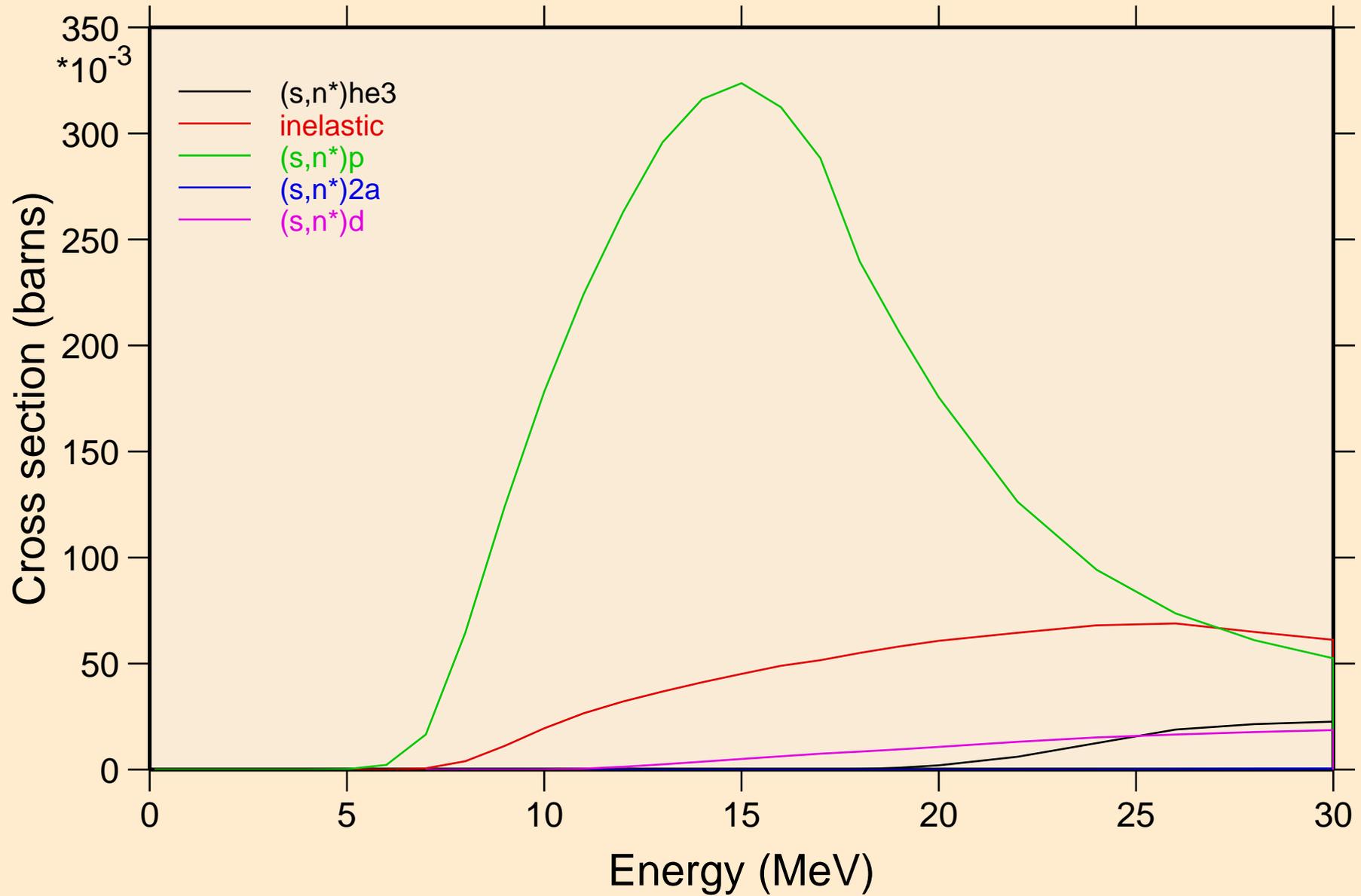


# SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K

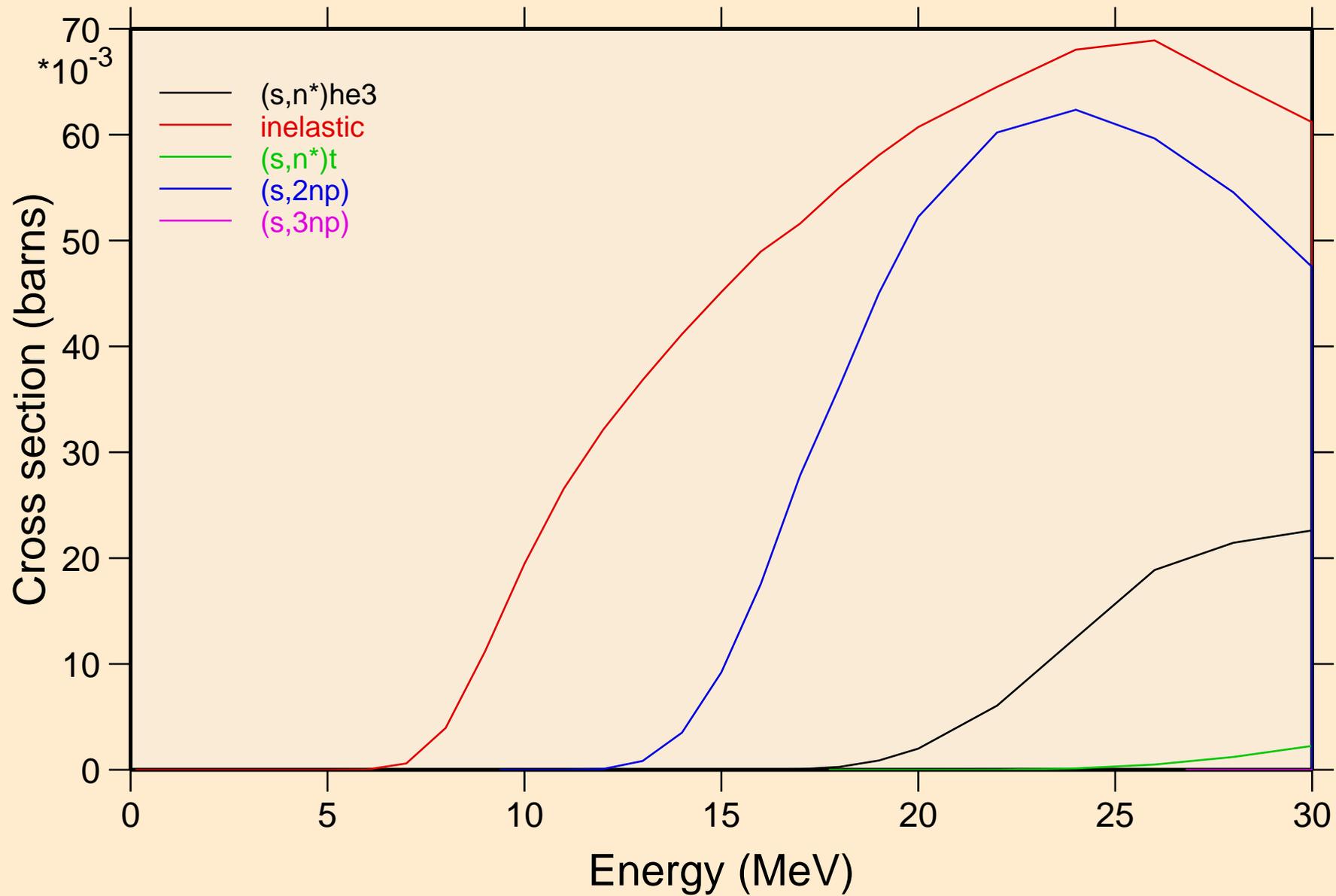
## Threshold reactions



SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

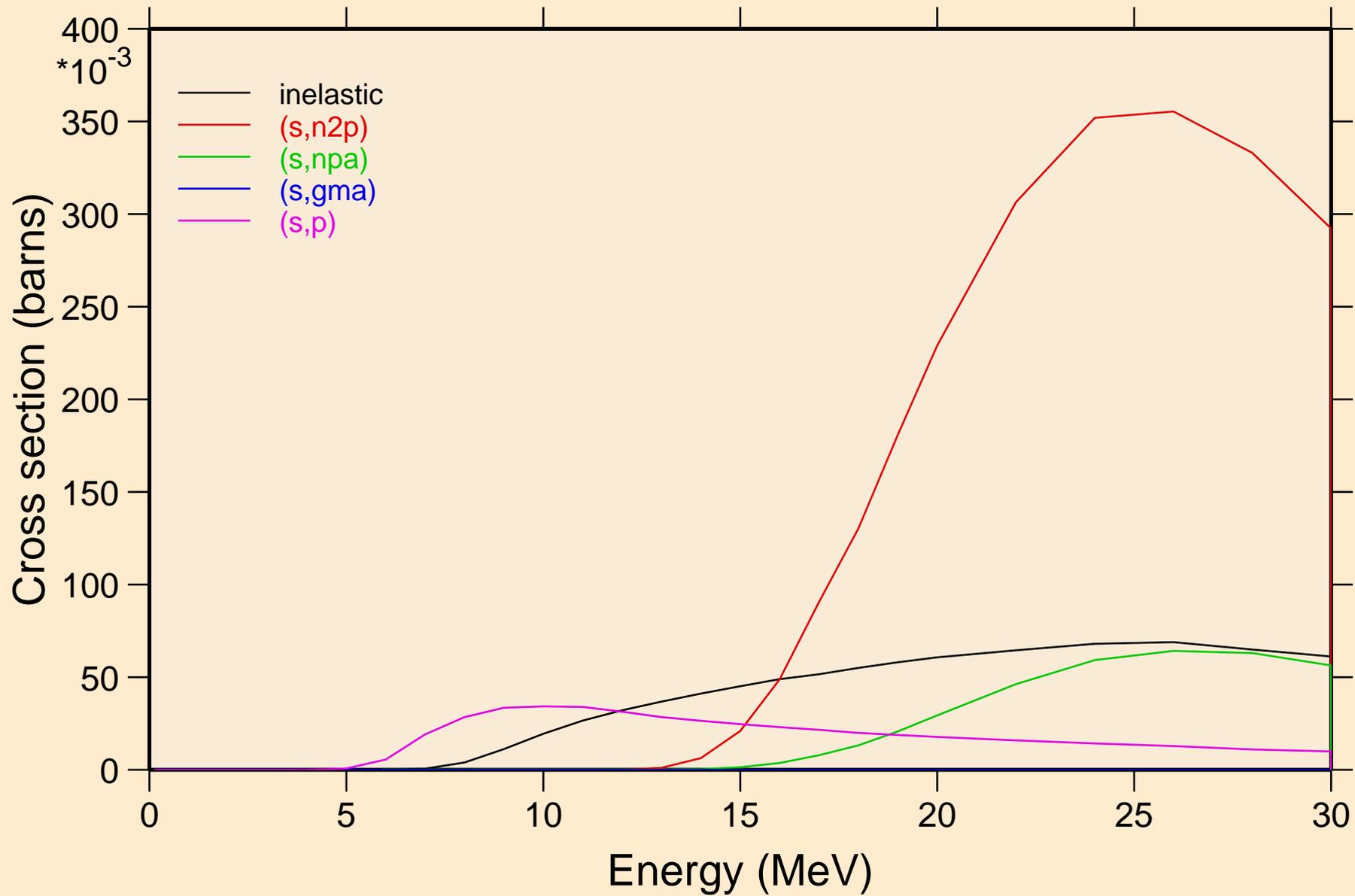


SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

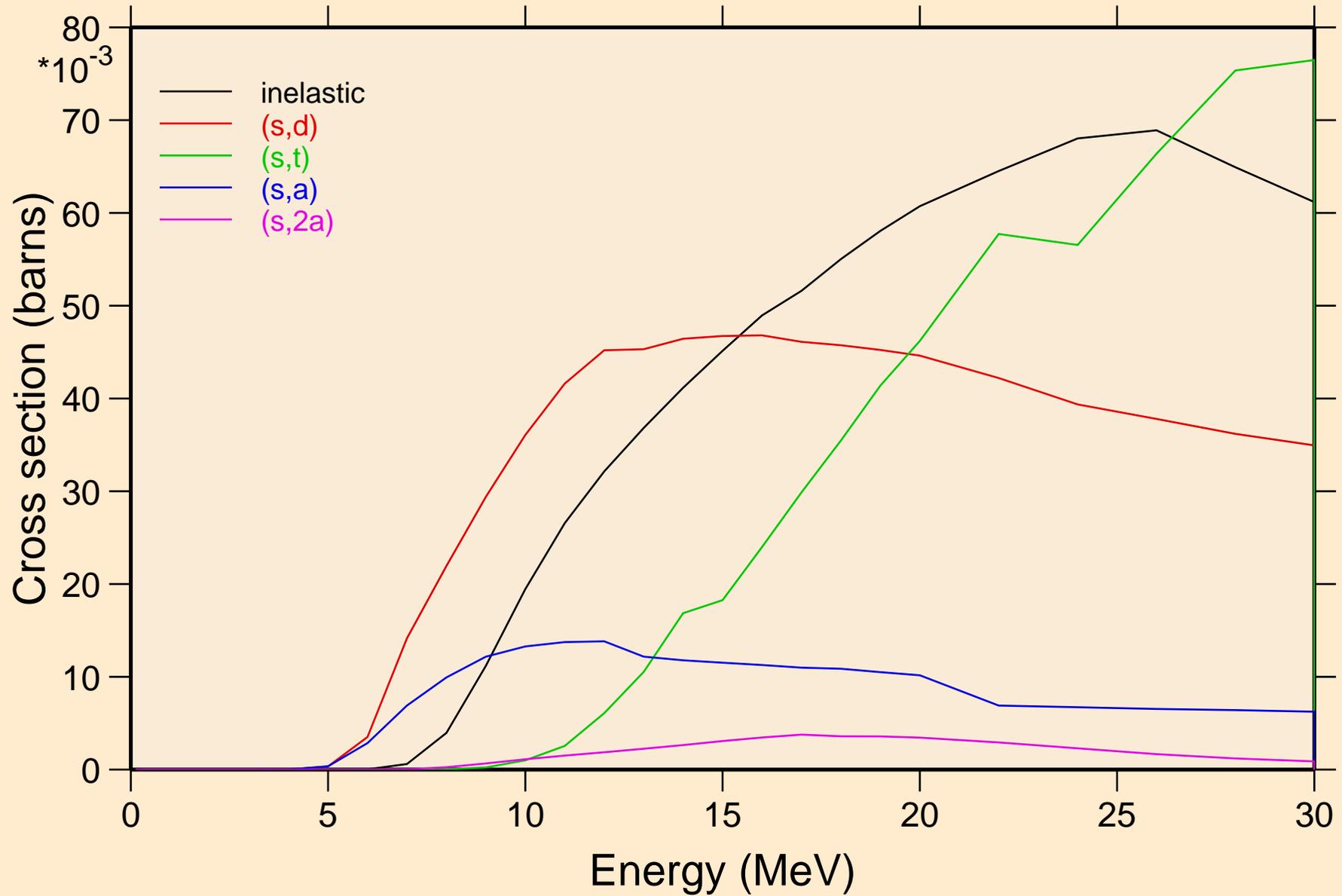


# SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K

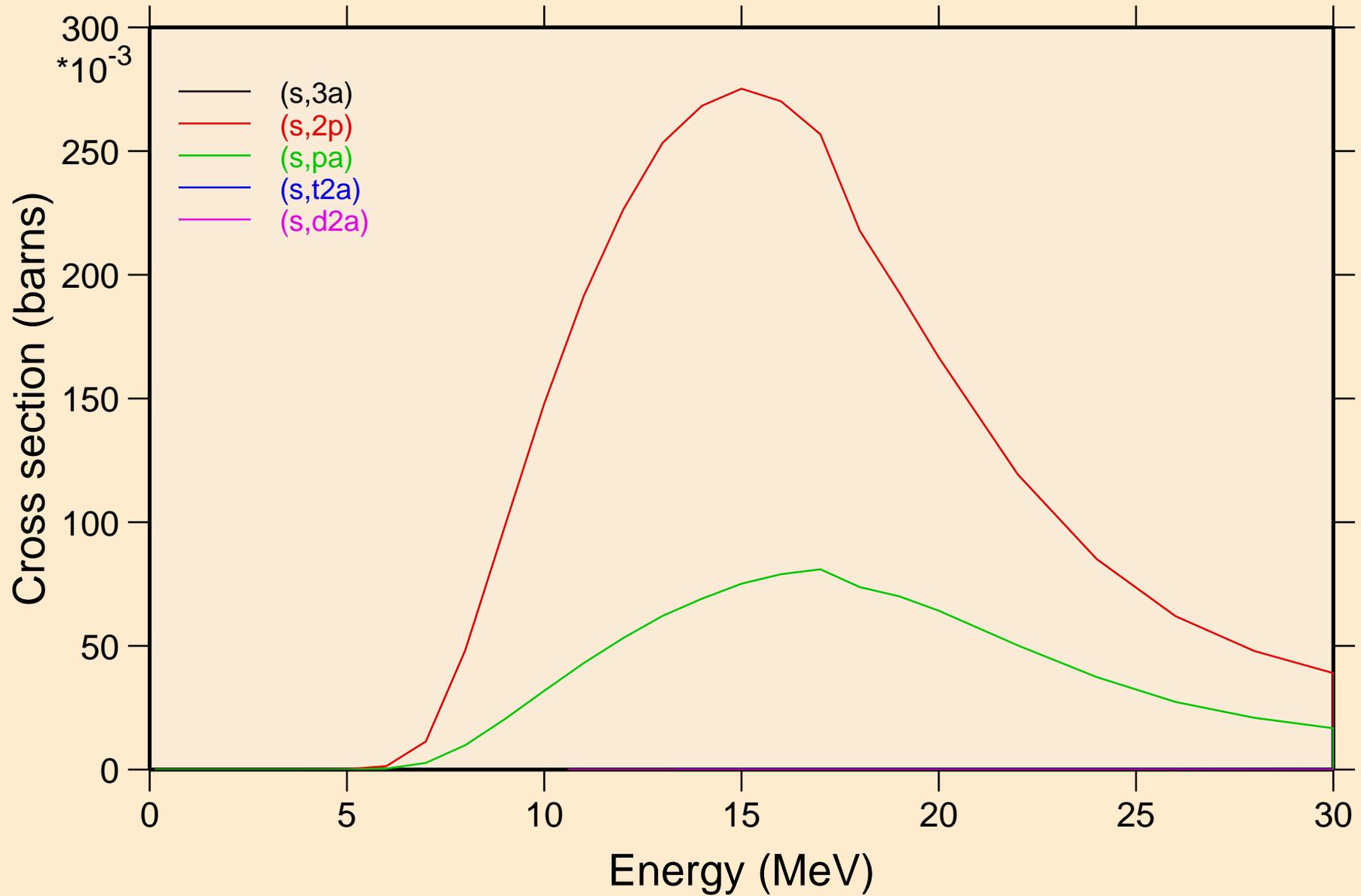
## Threshold reactions



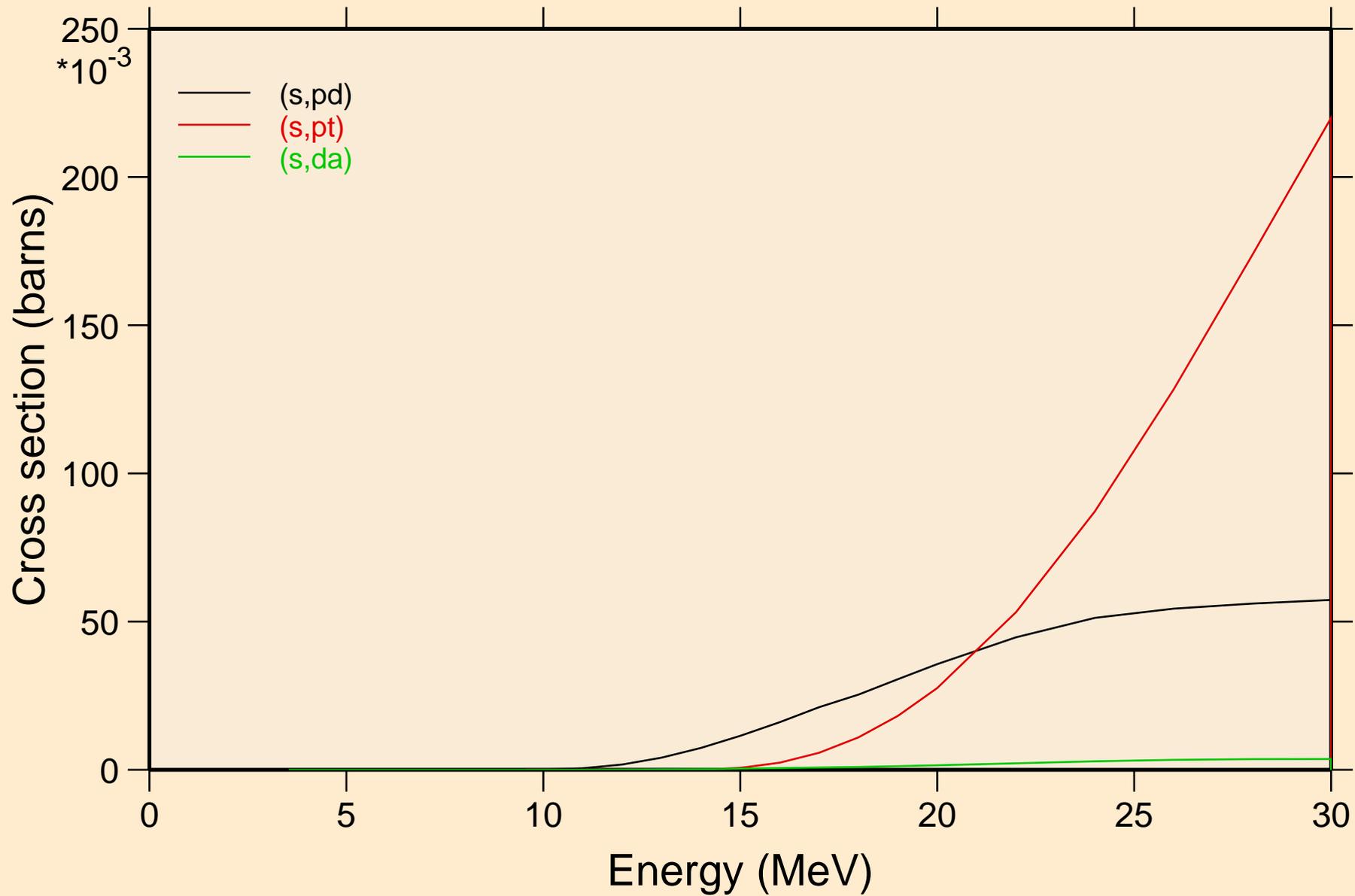
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



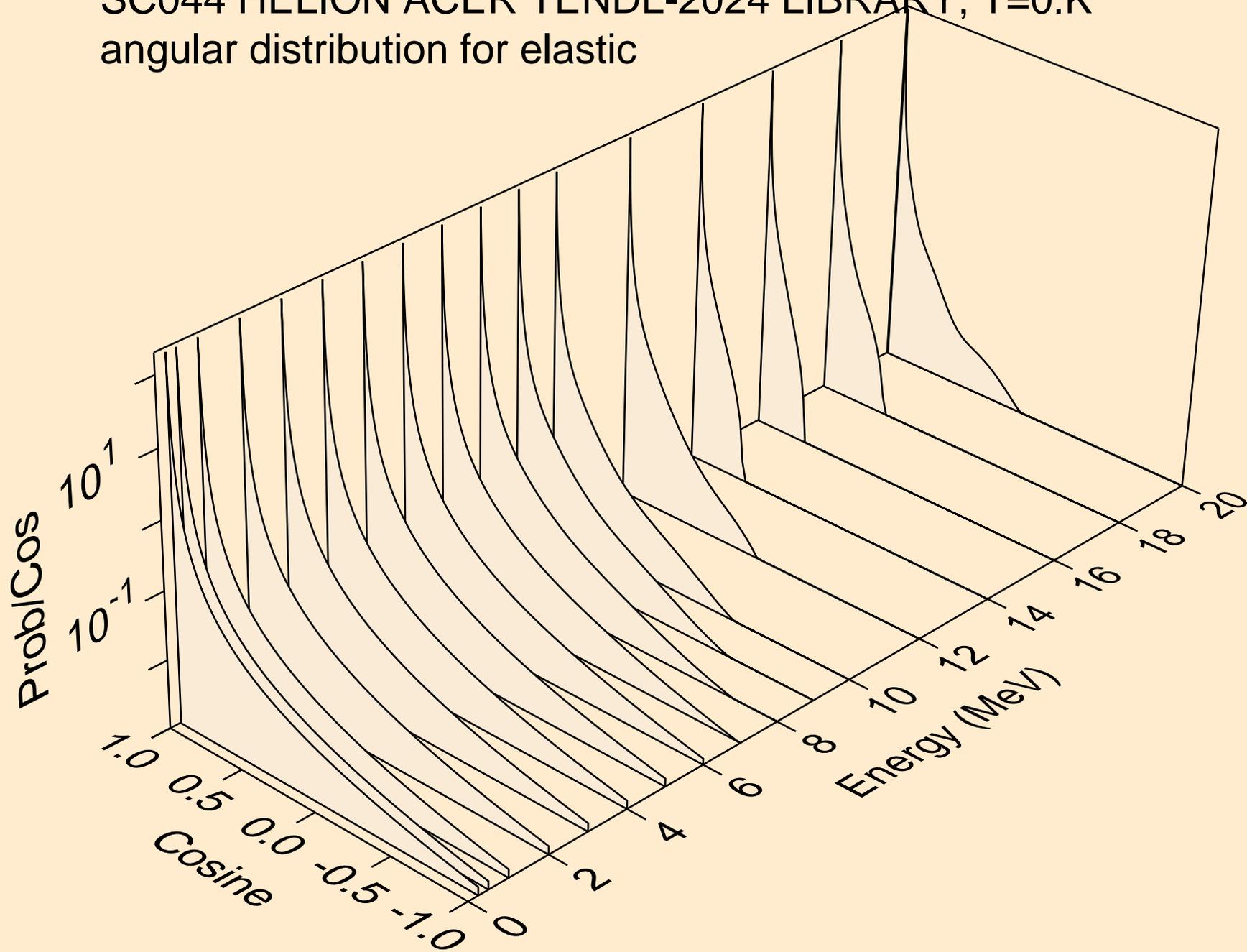
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



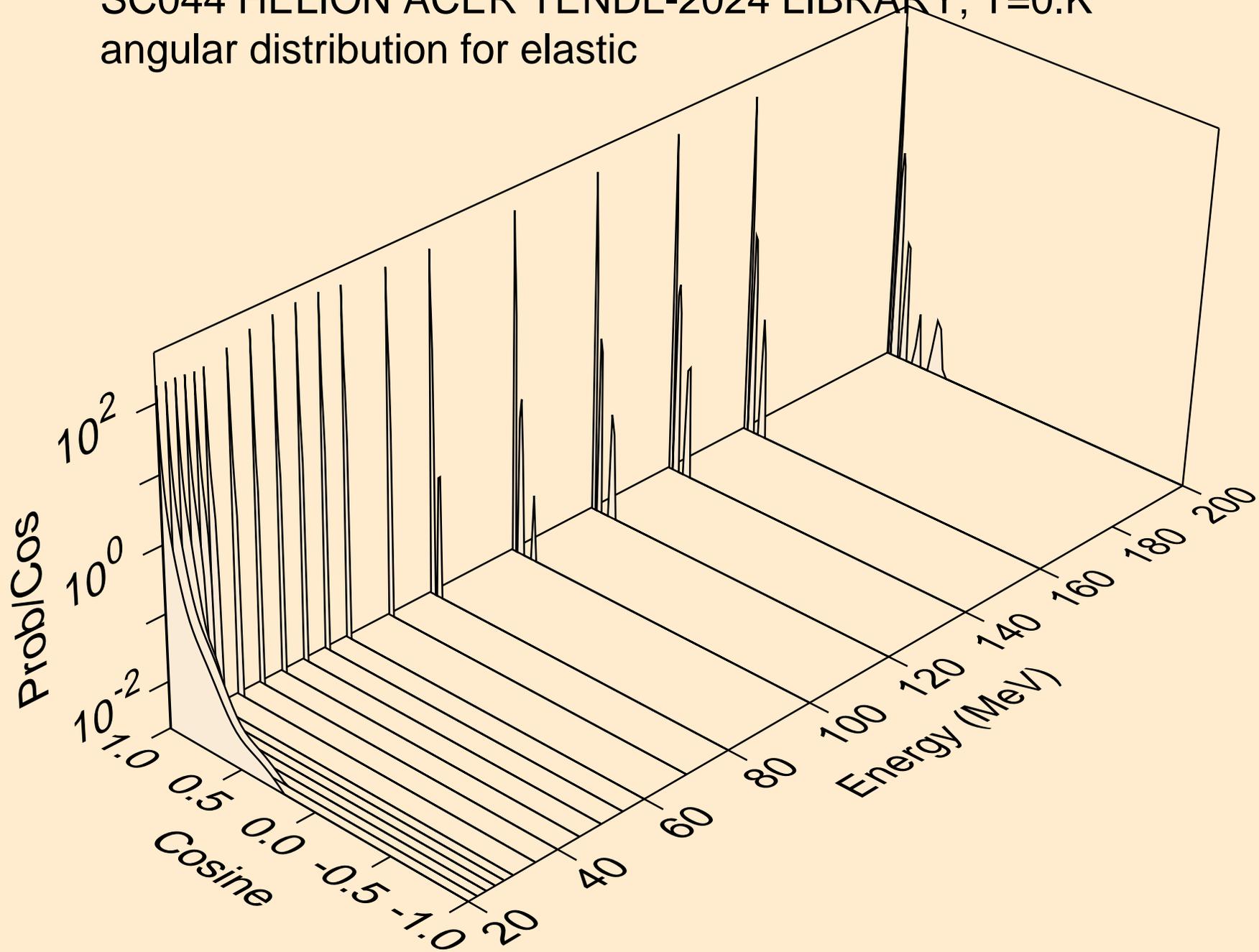
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



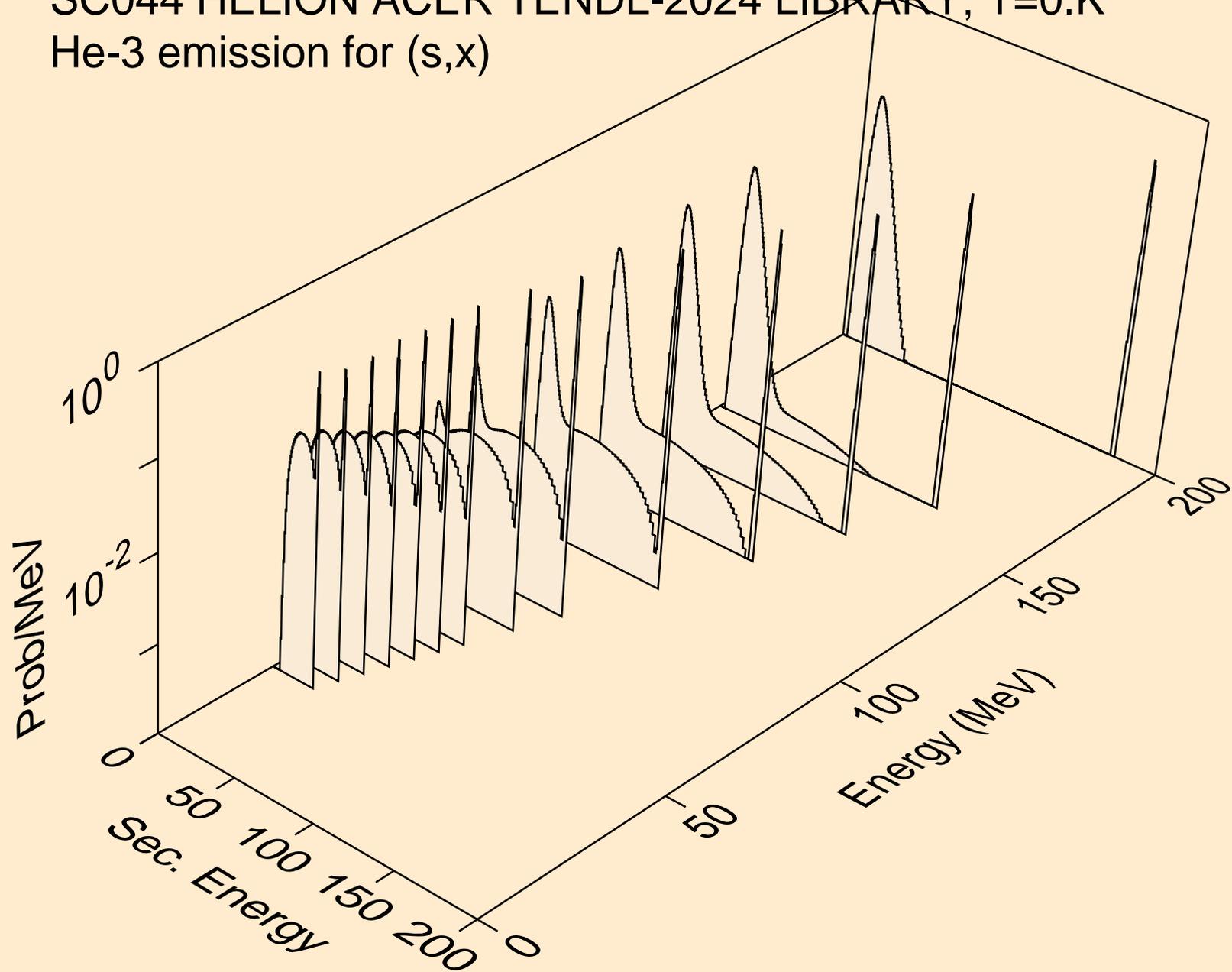
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



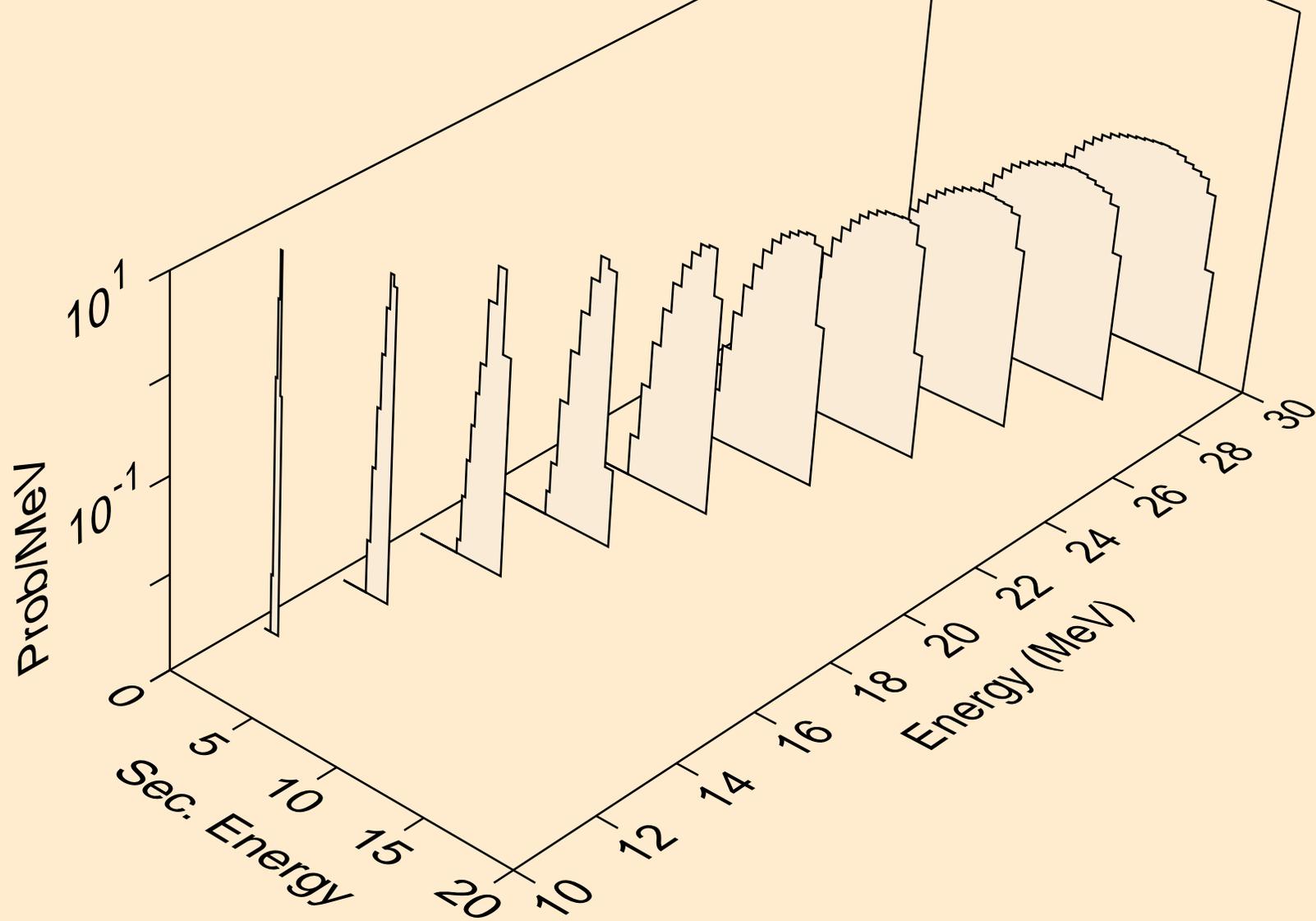
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



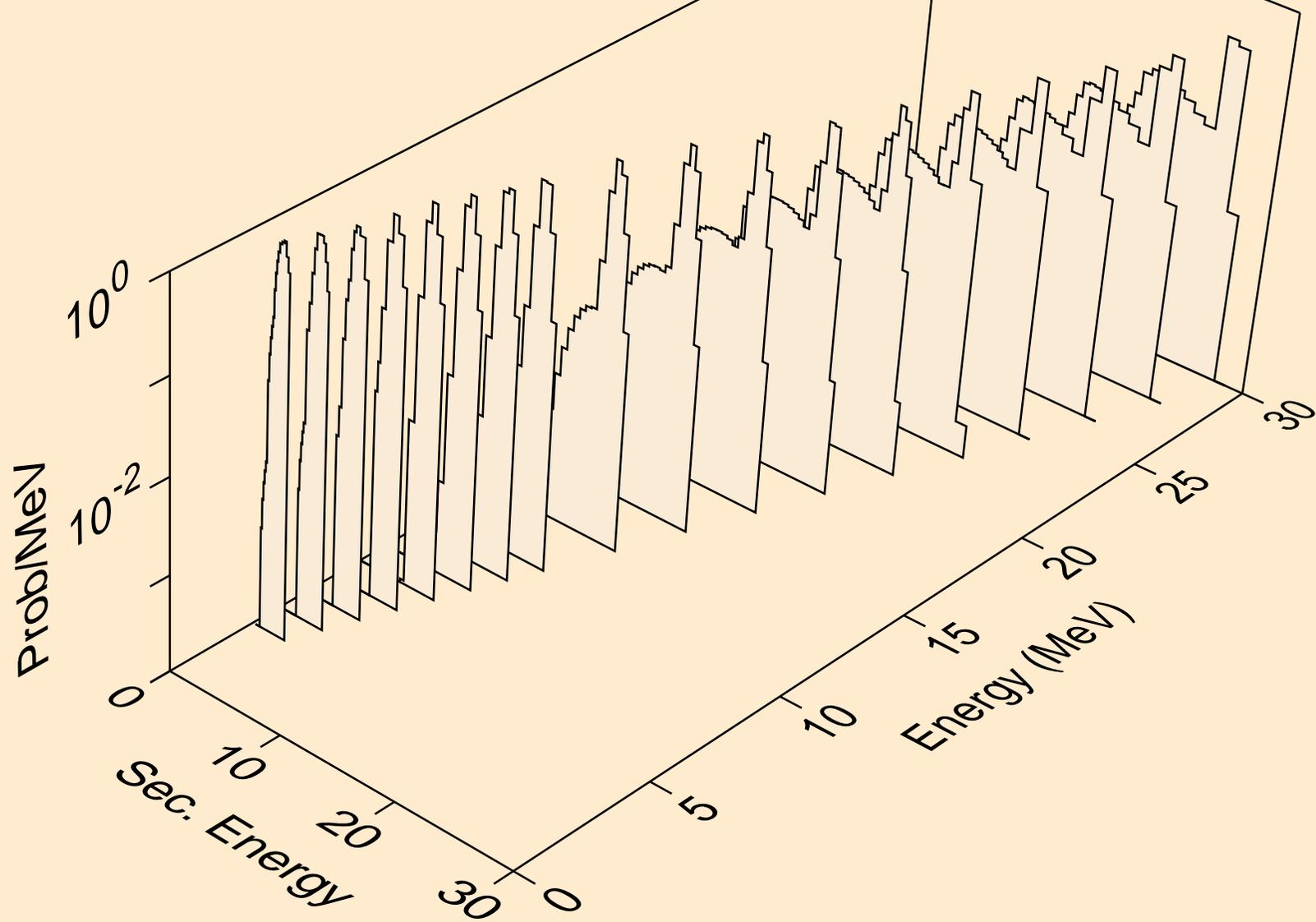
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



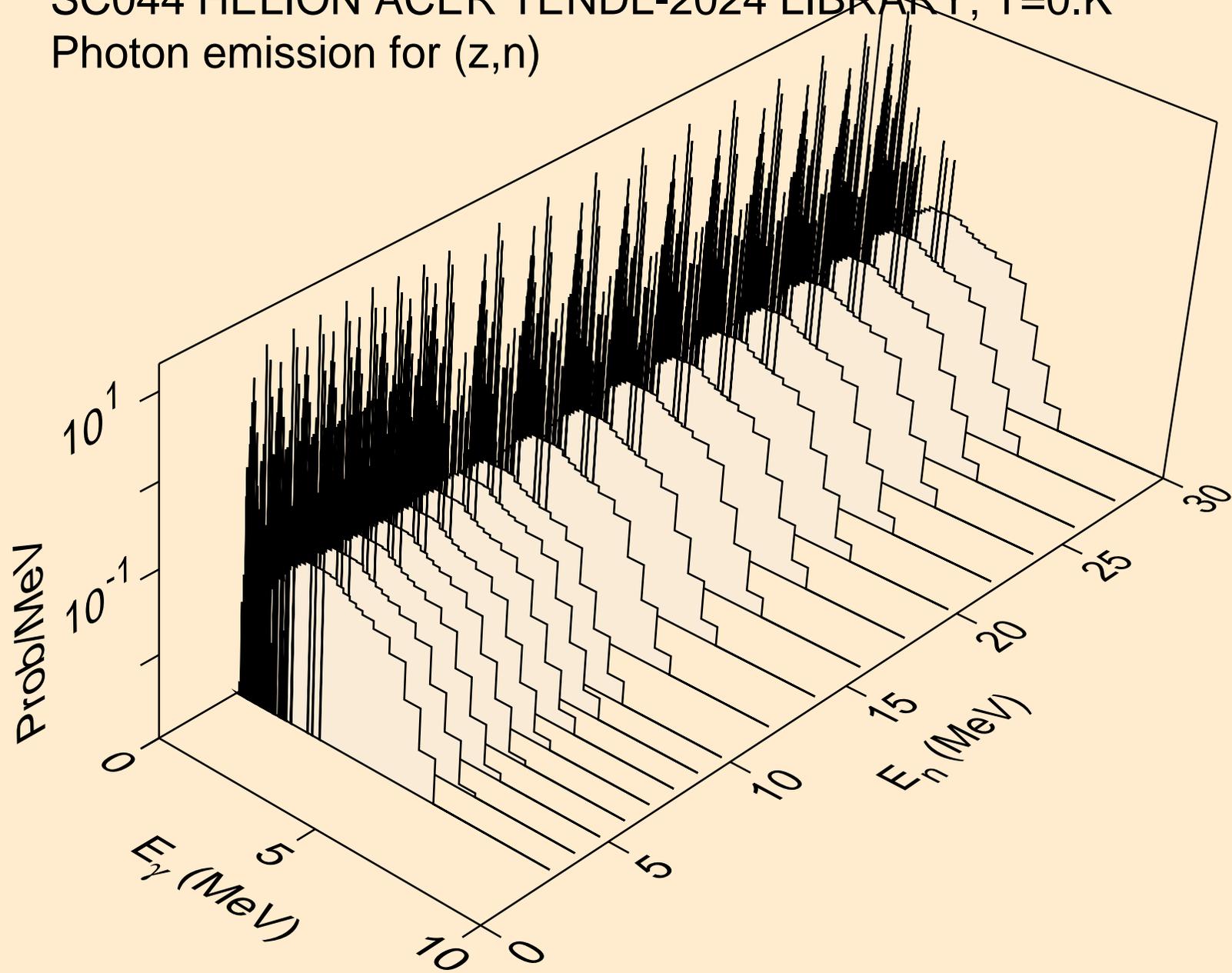
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



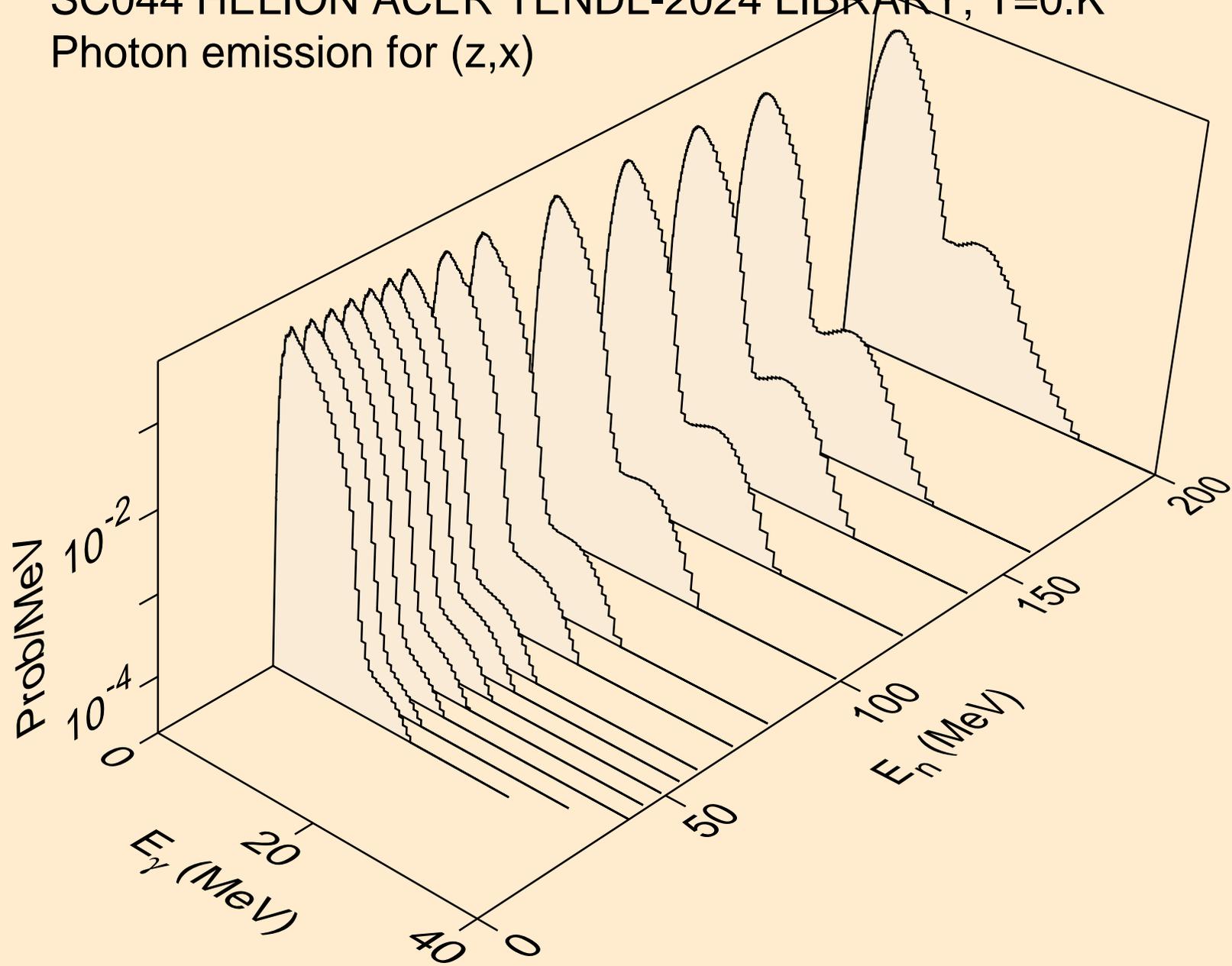
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



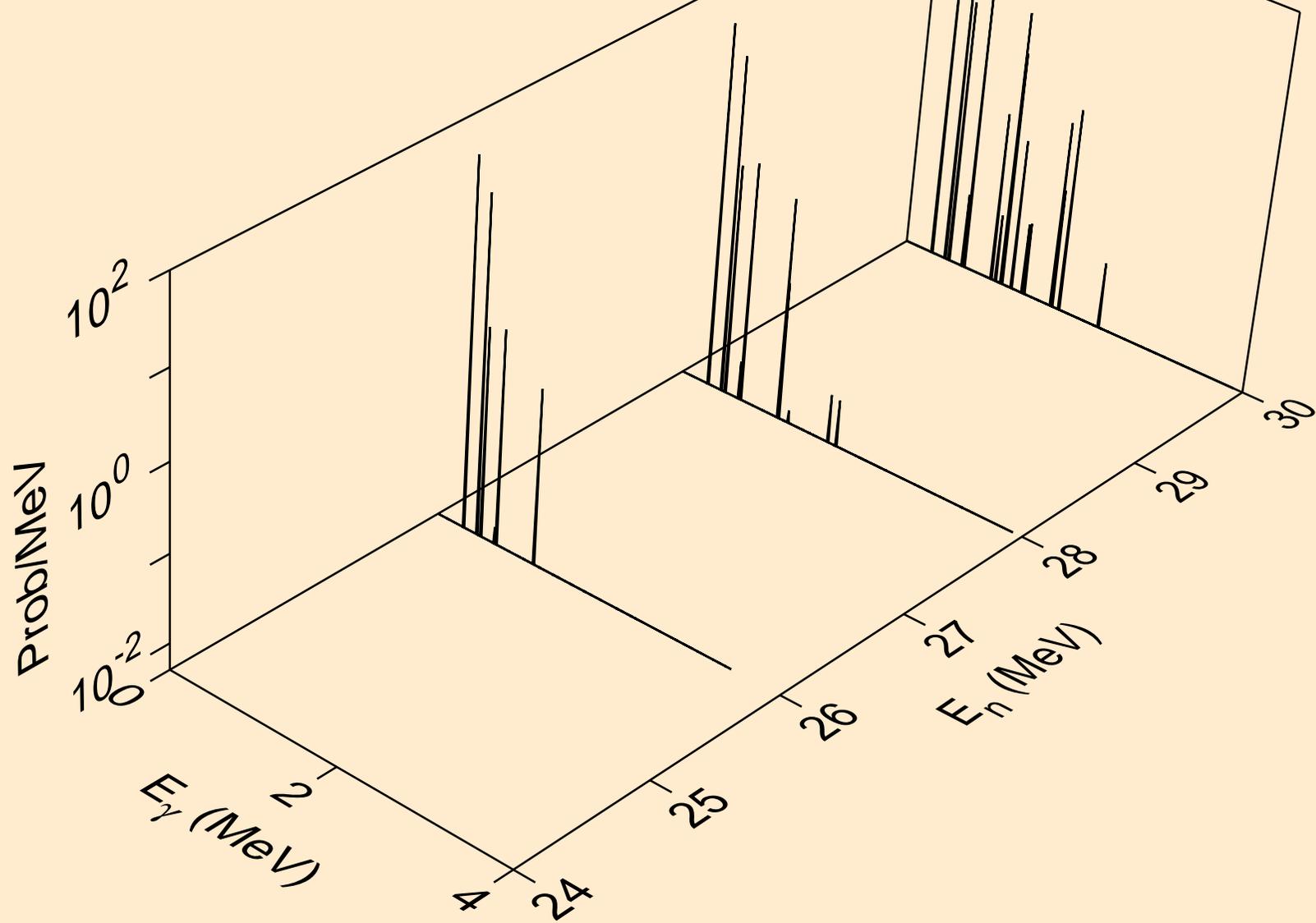
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



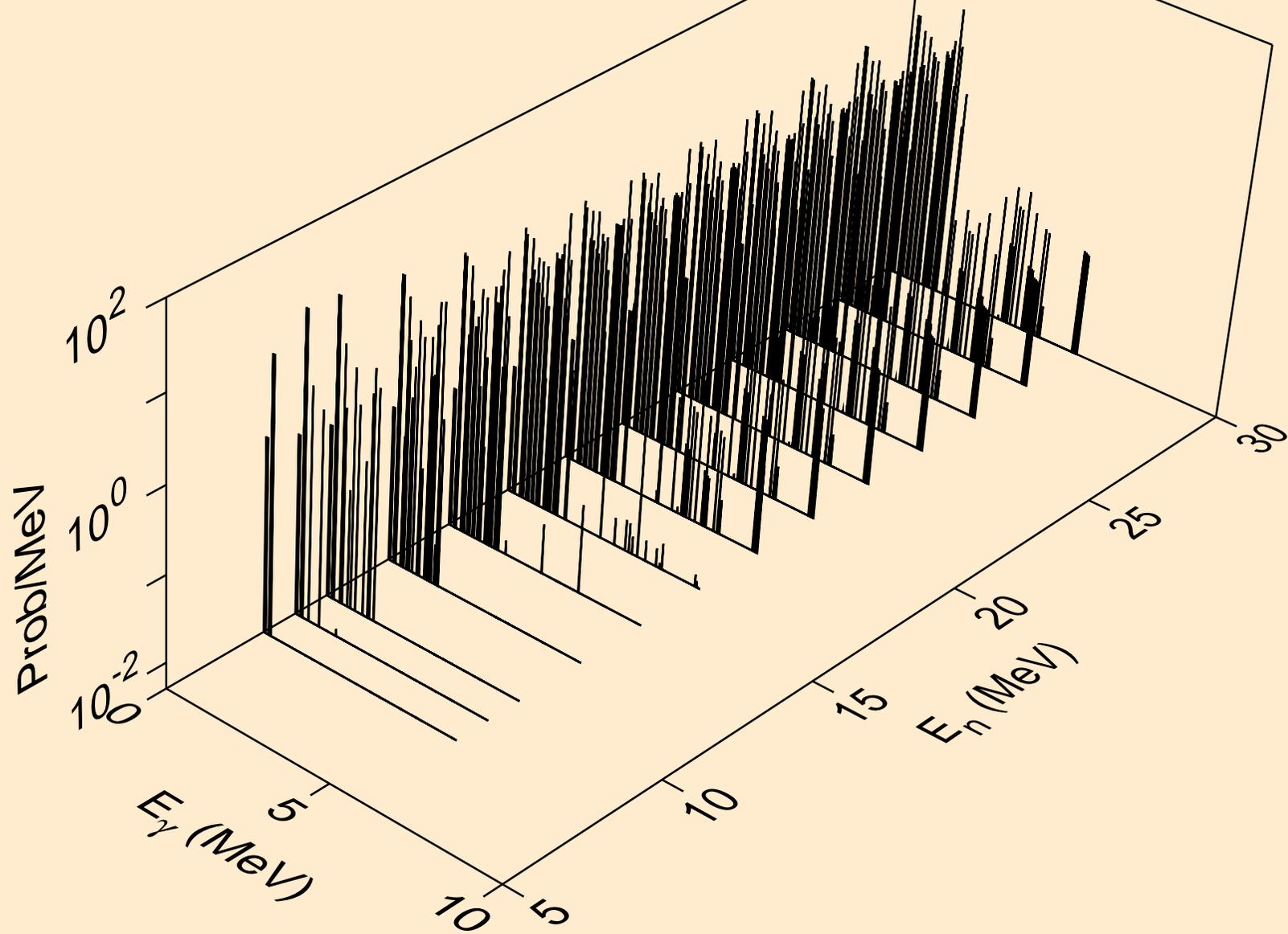
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



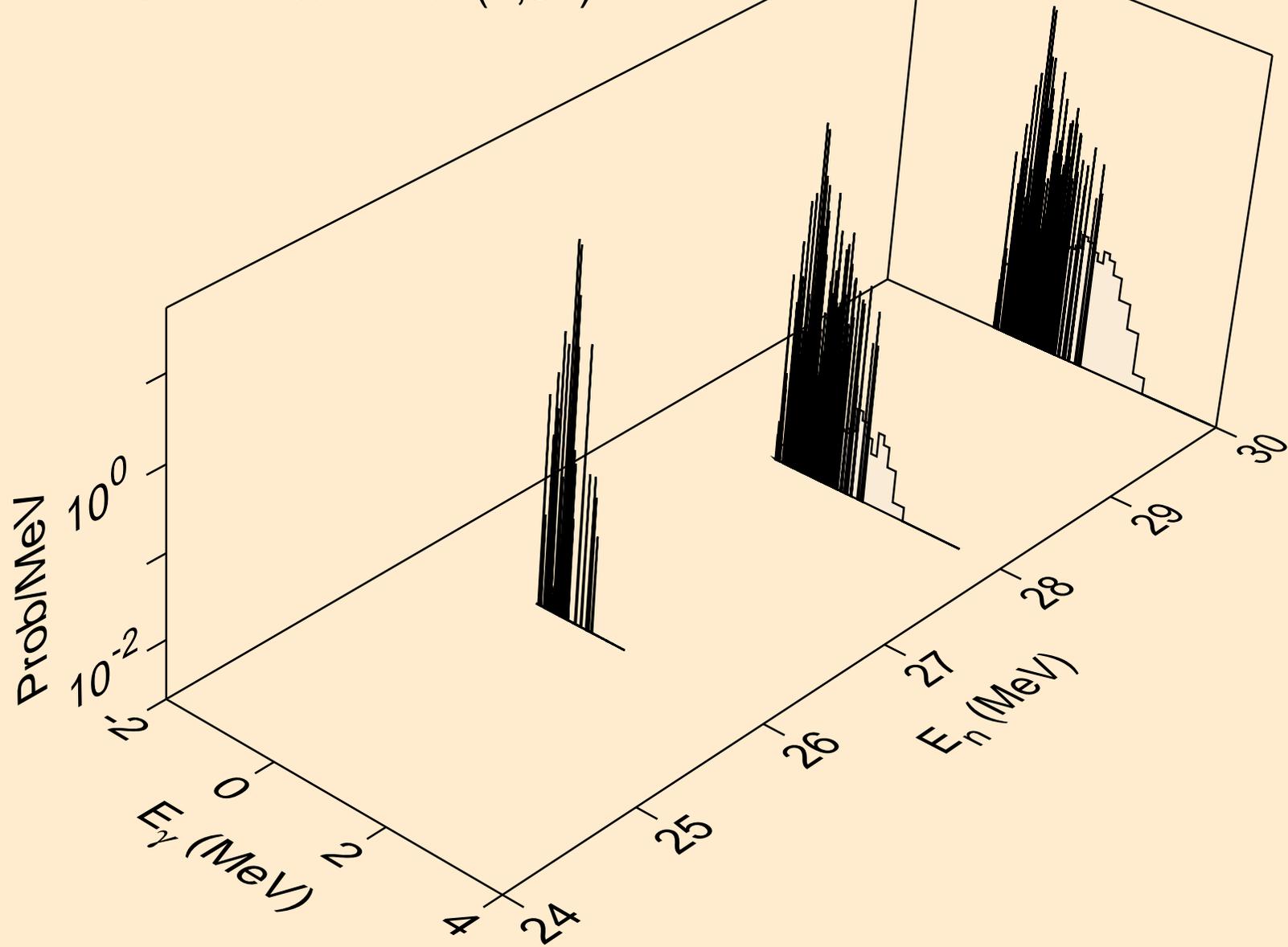
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



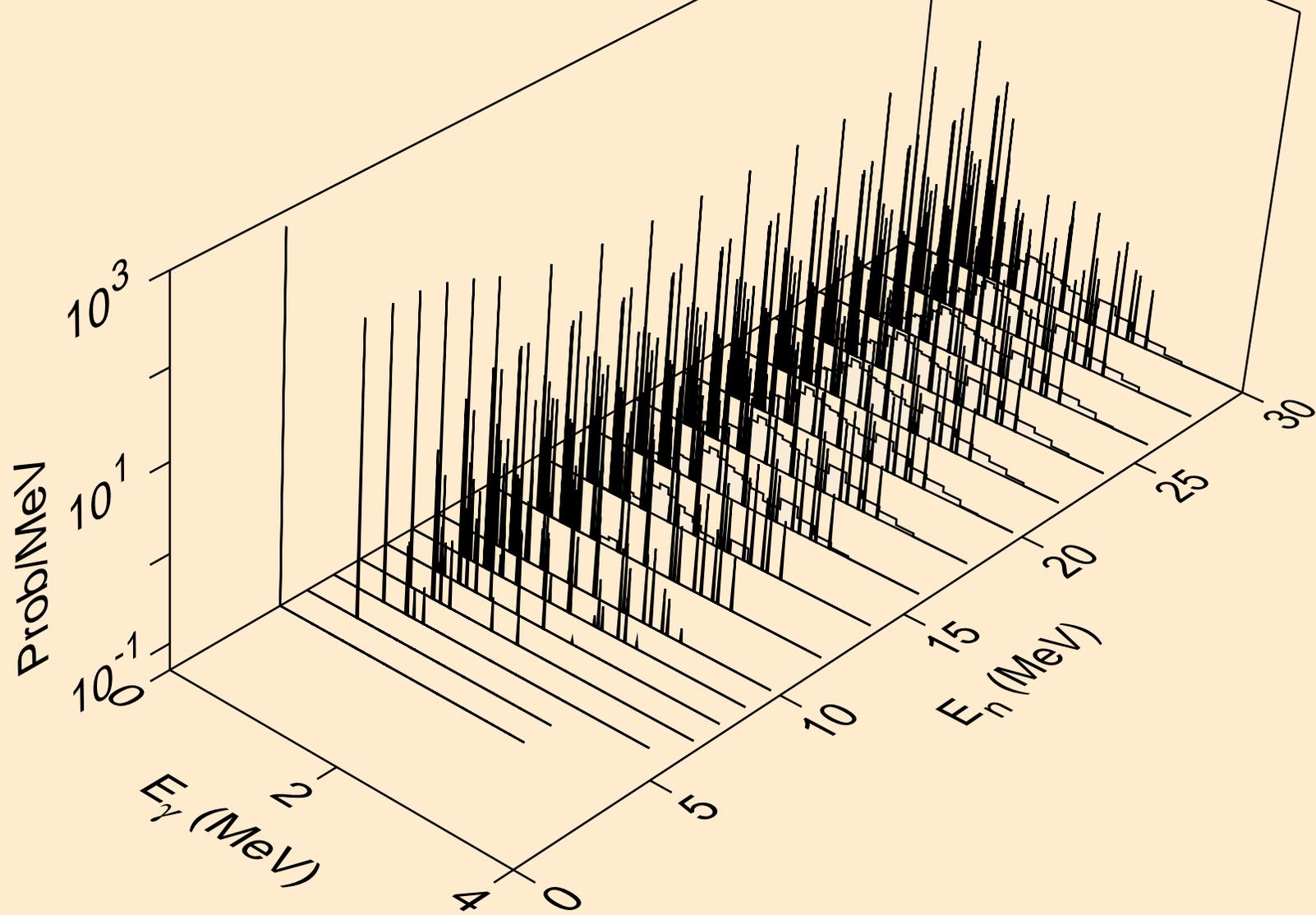
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



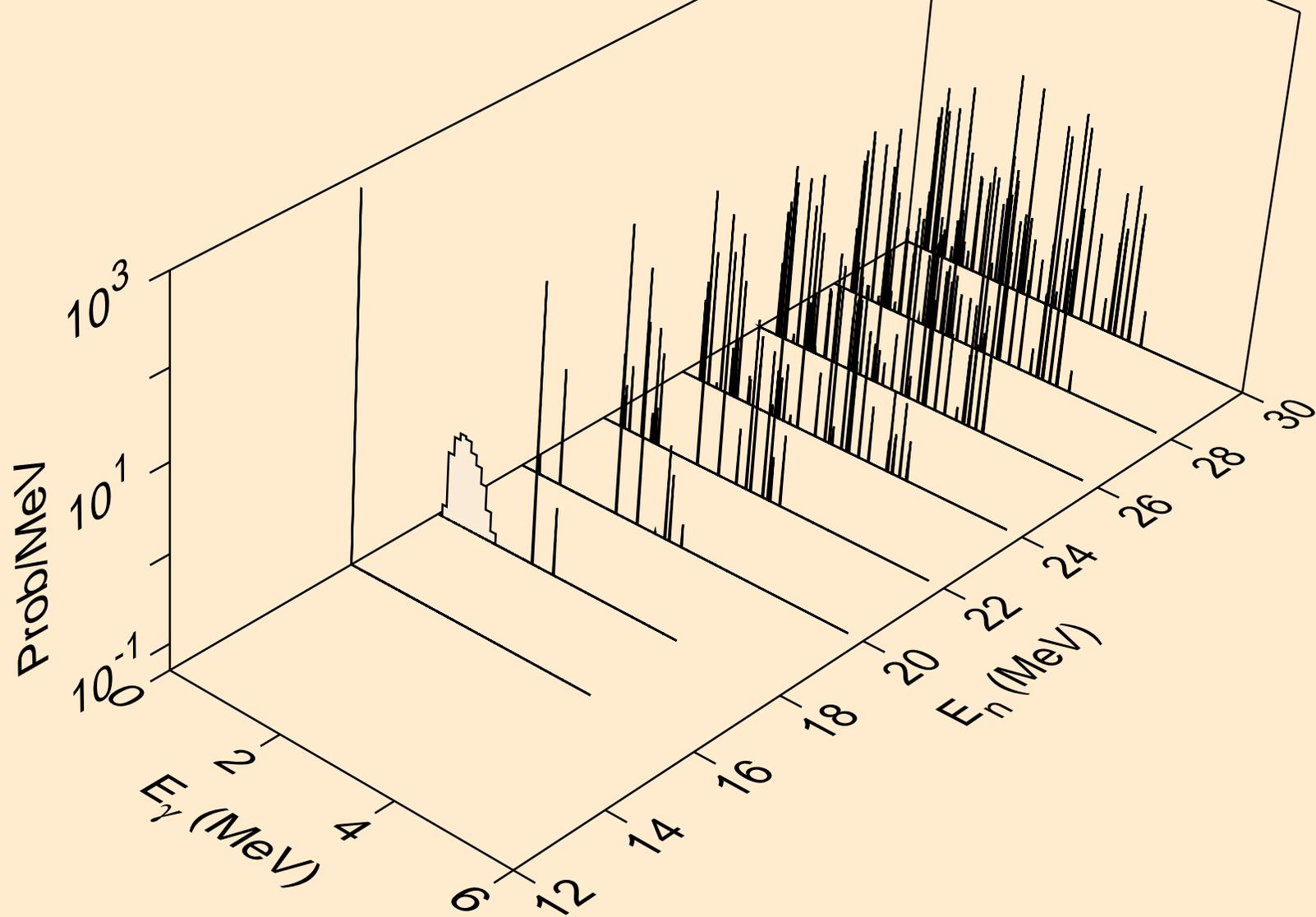
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



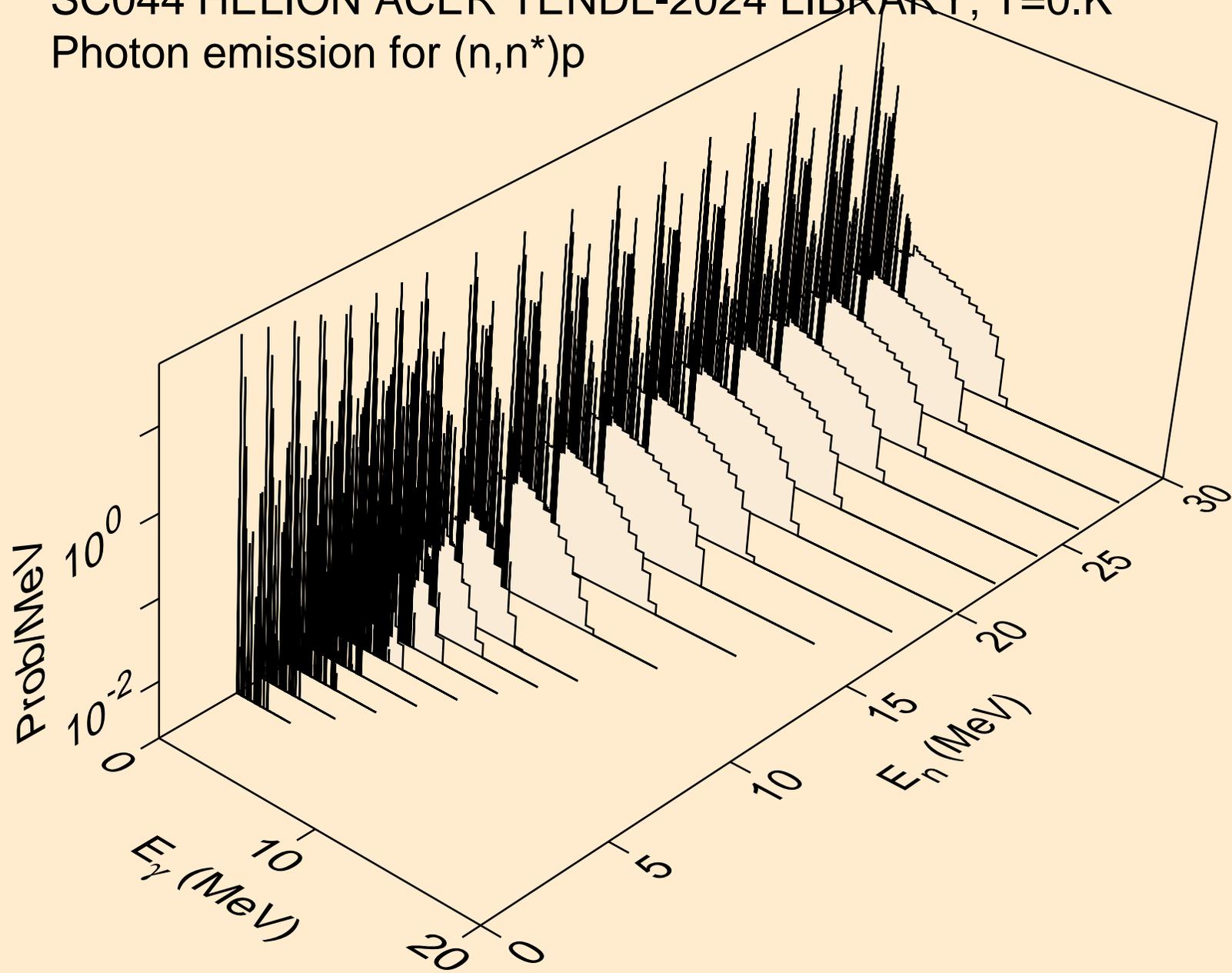
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



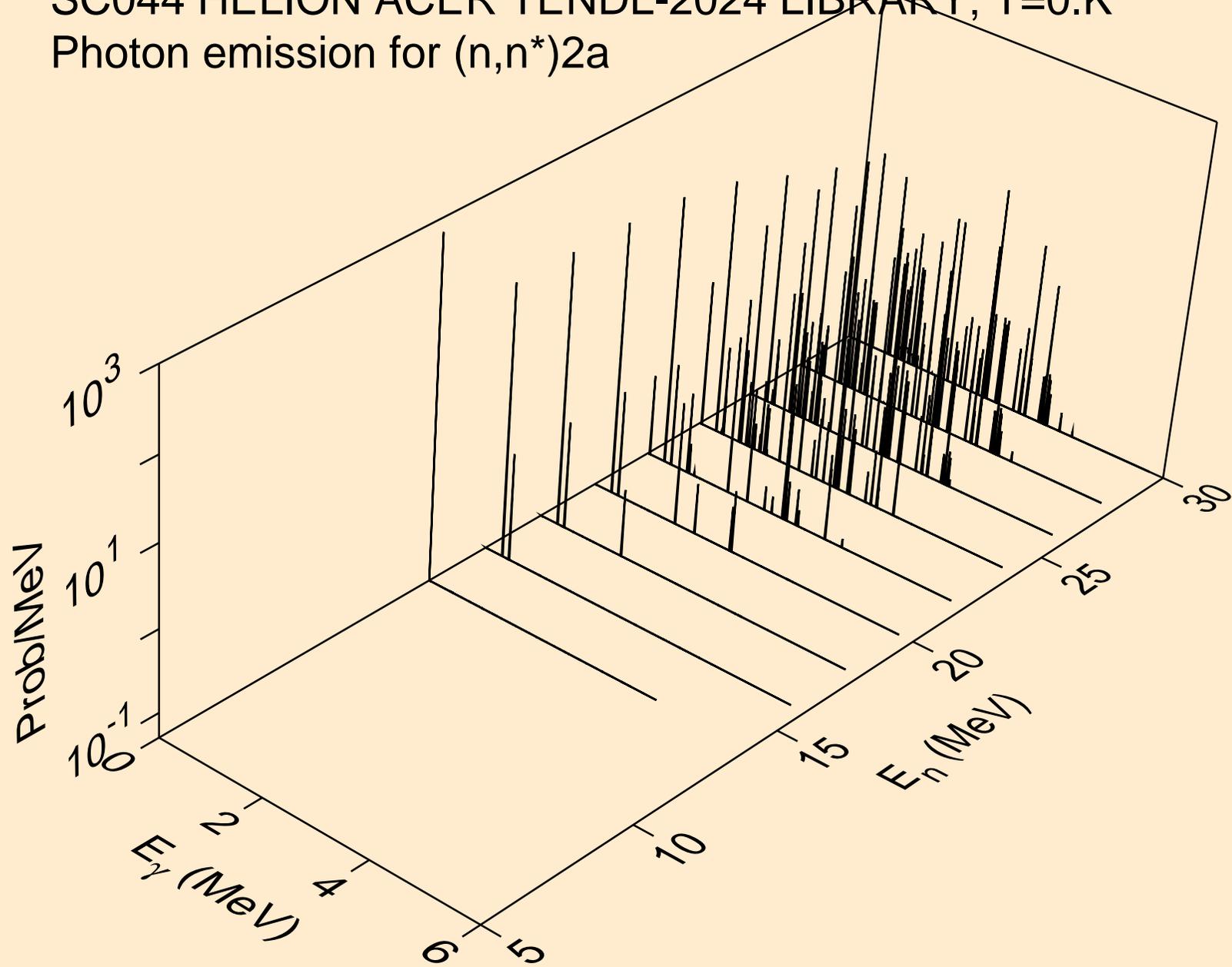
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



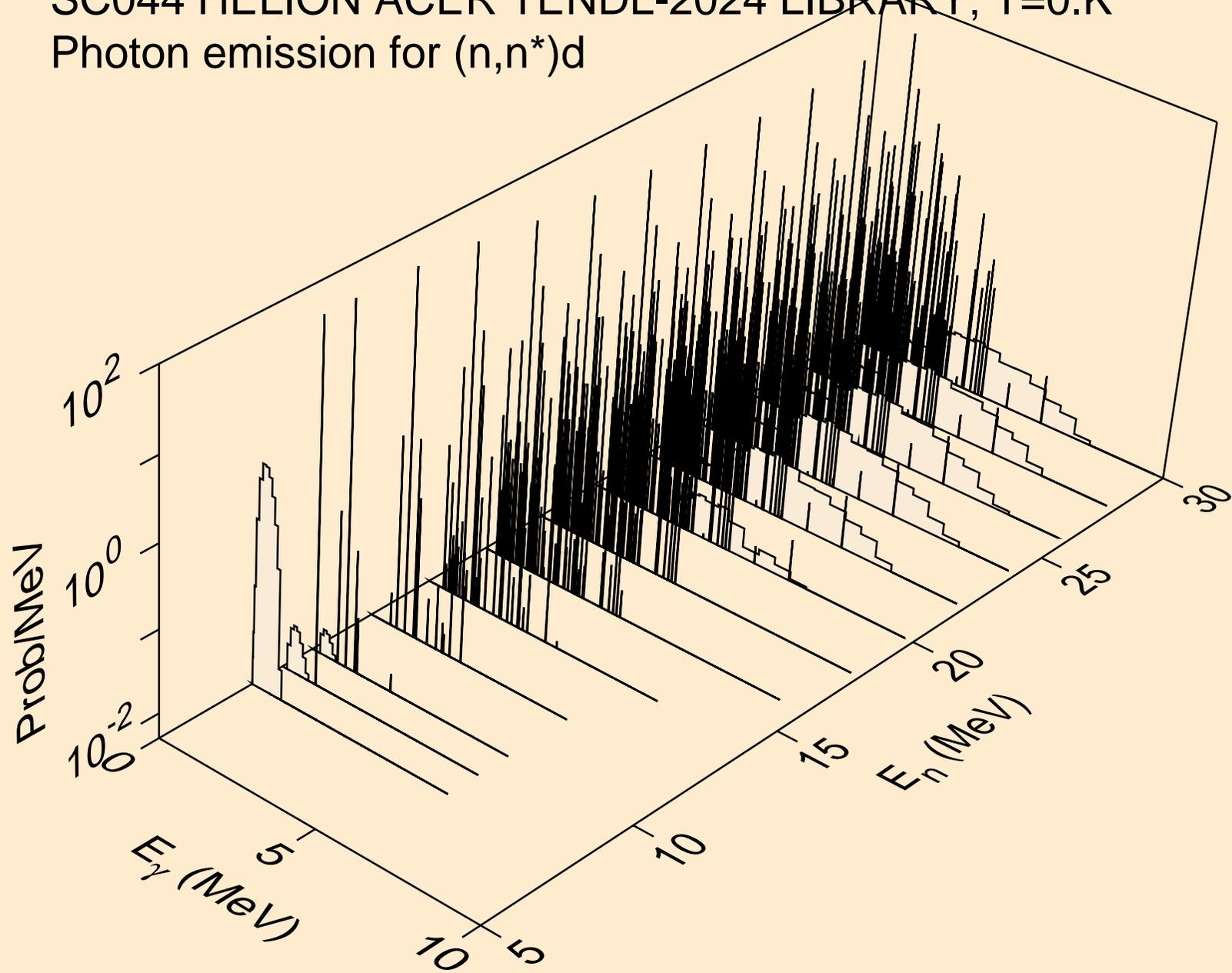
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



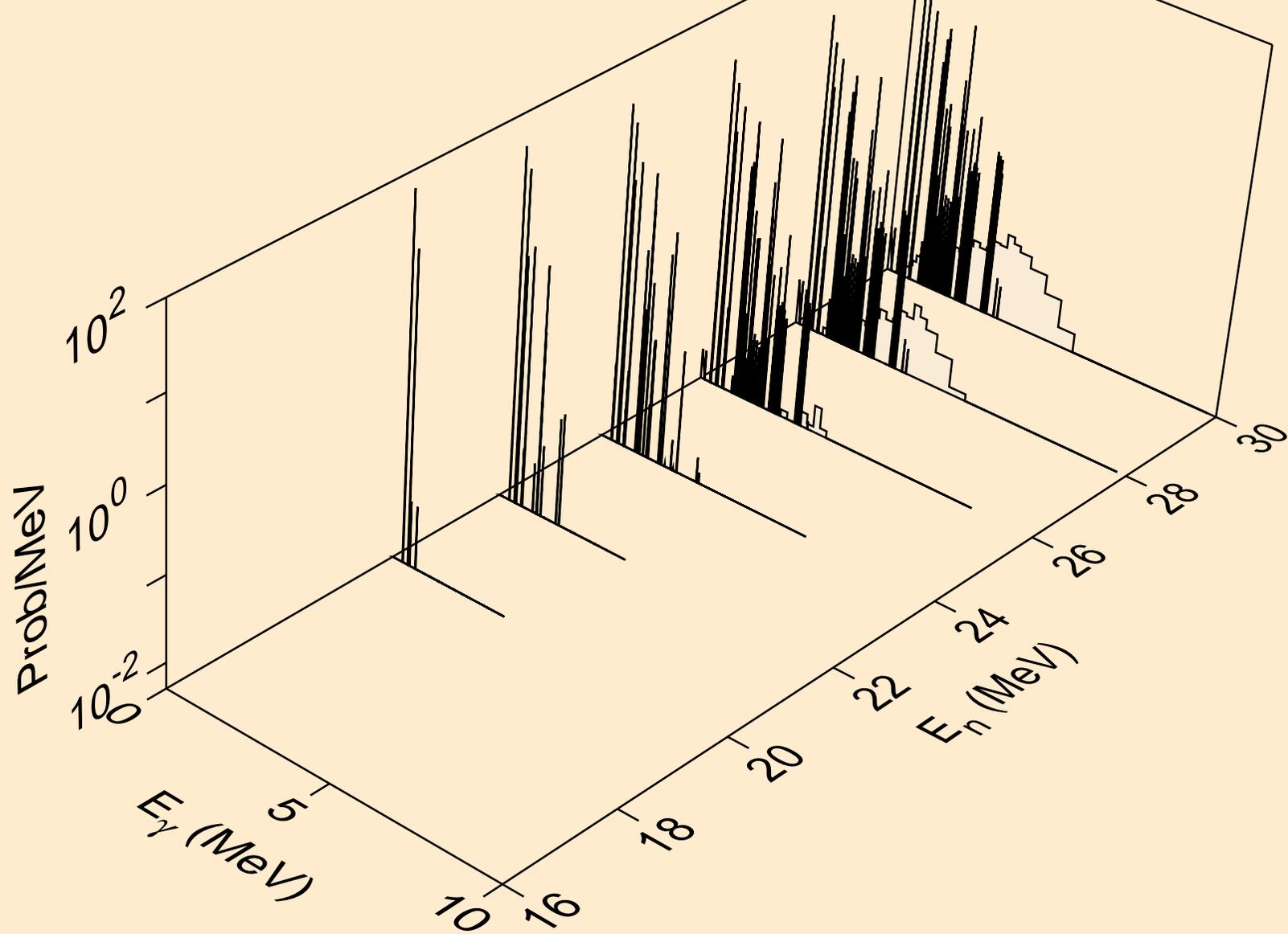
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



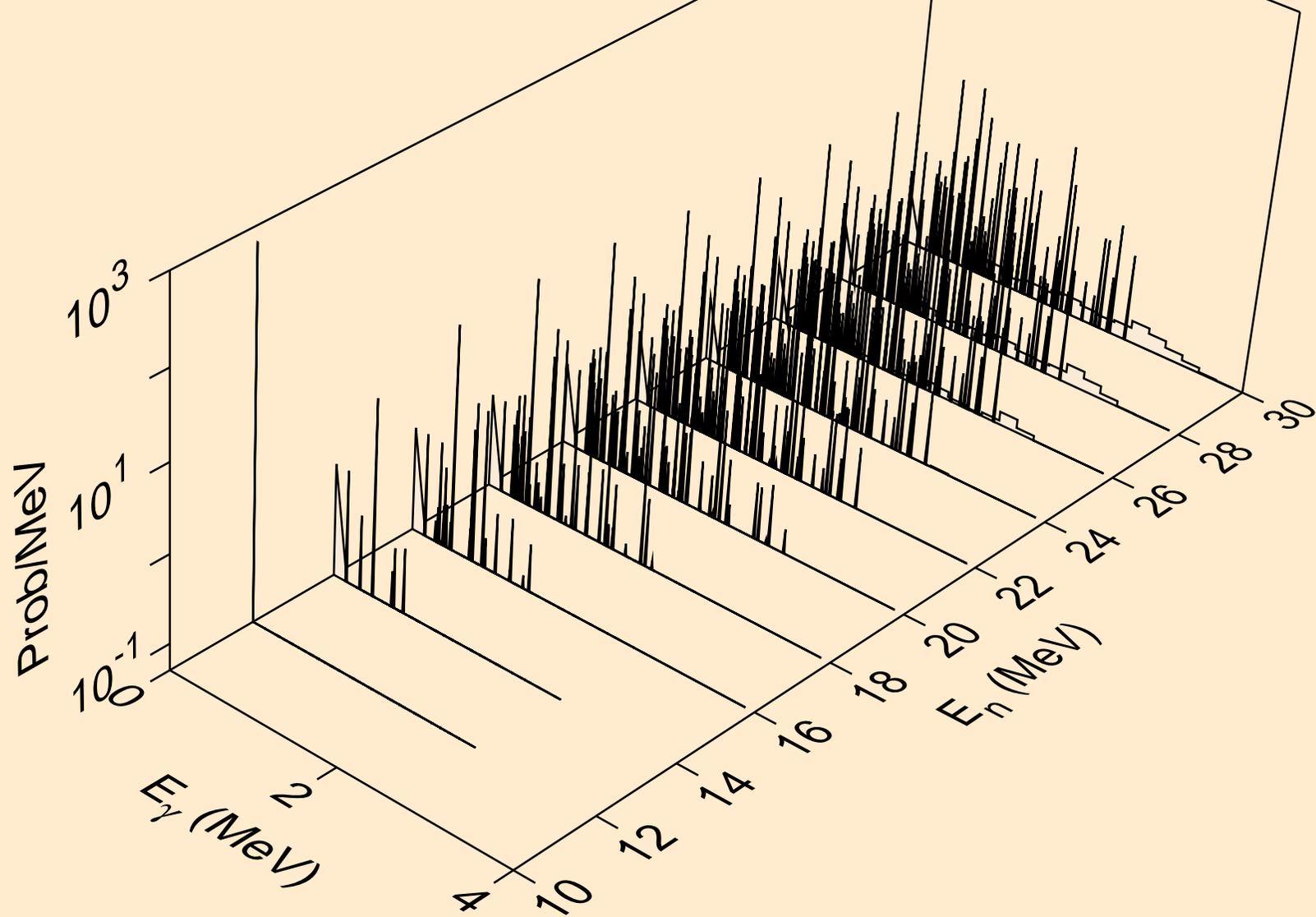
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



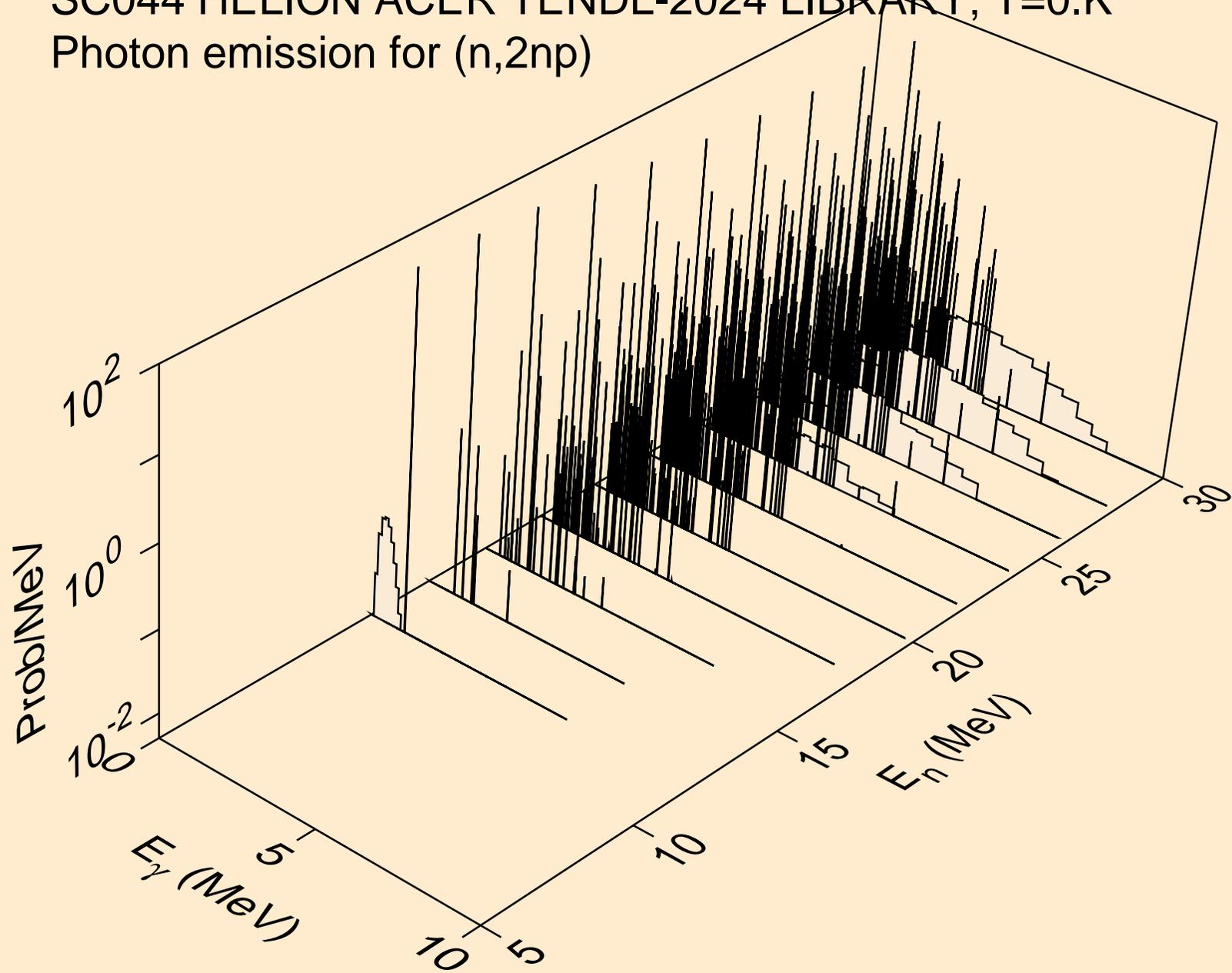
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



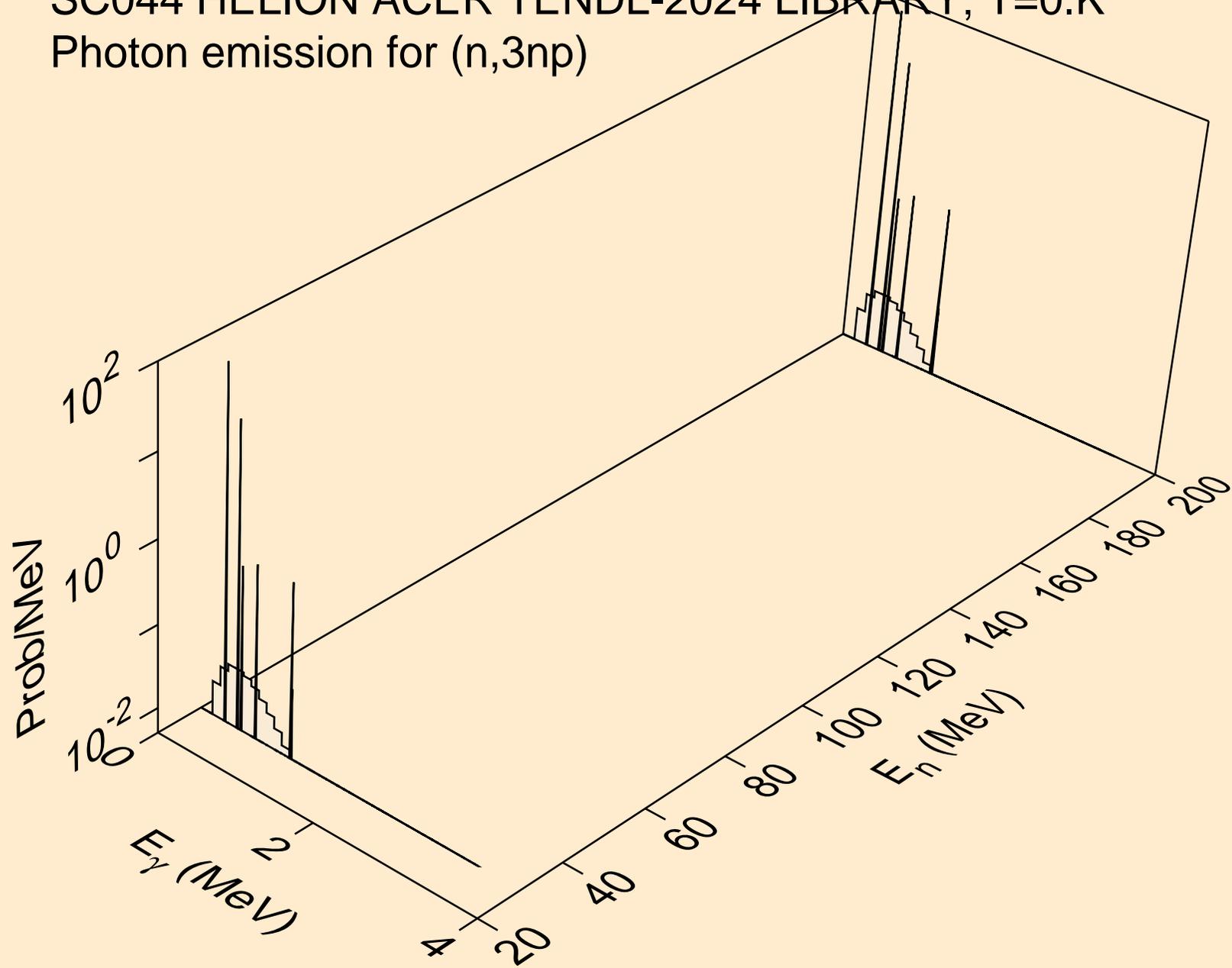
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



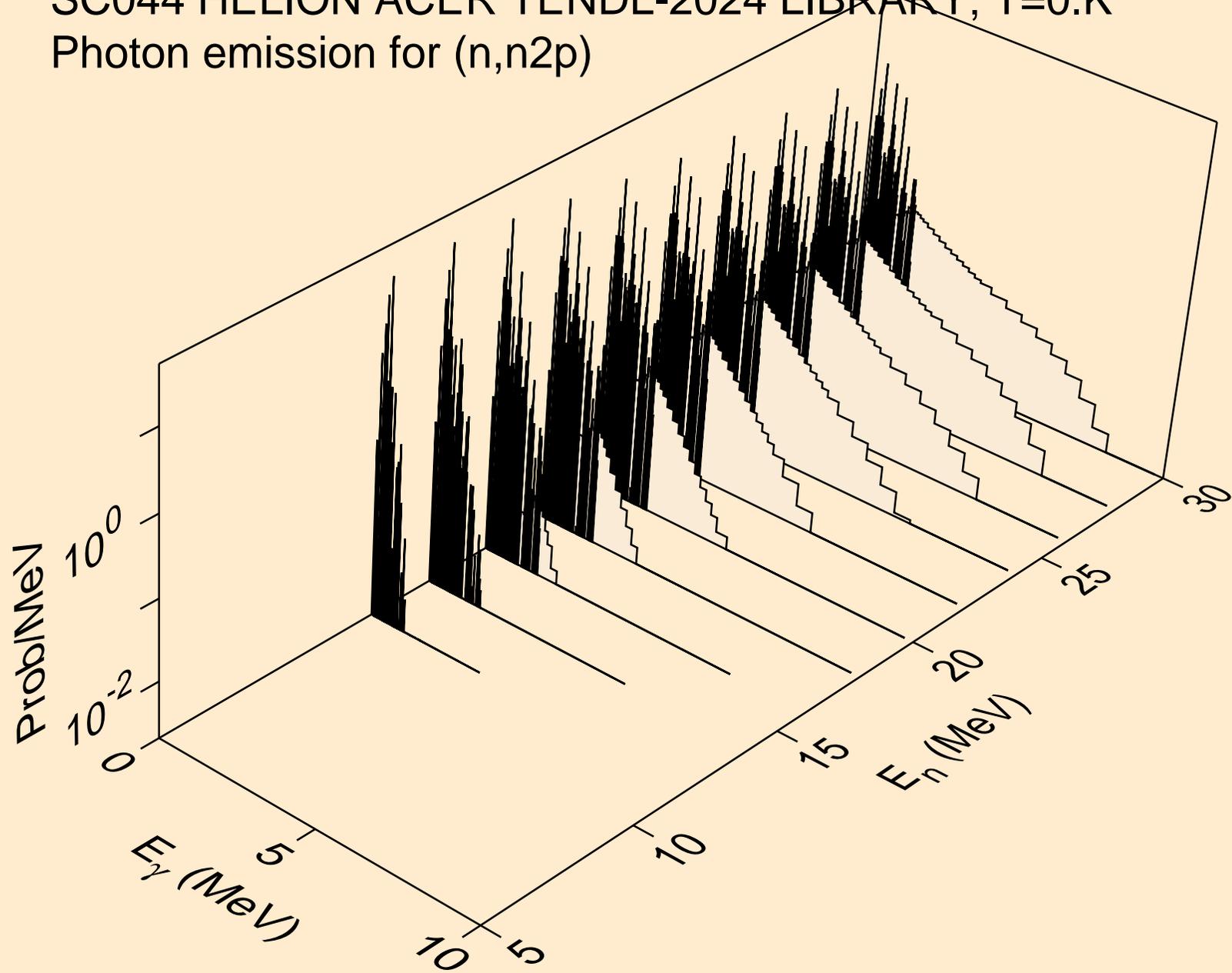
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



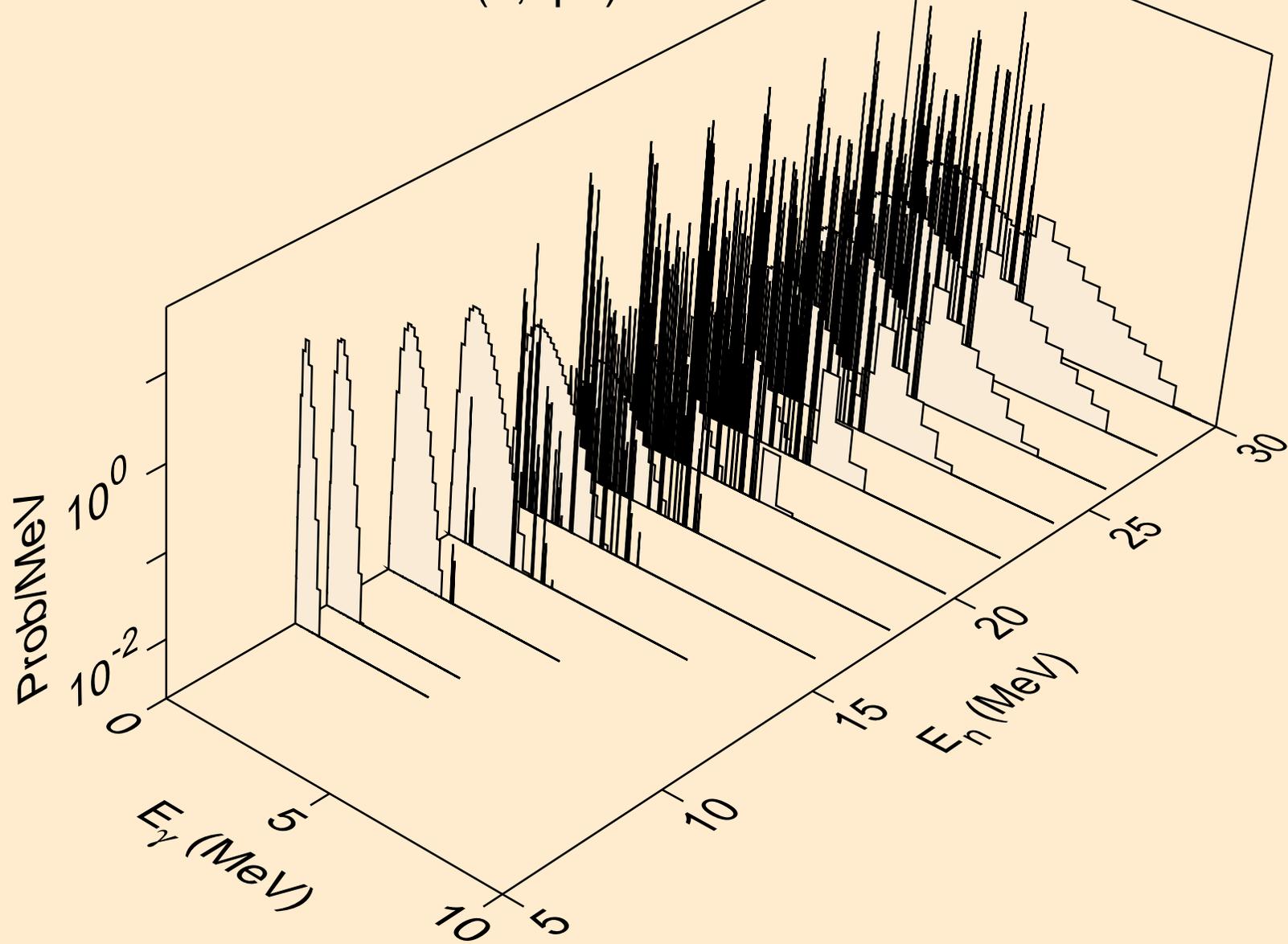
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



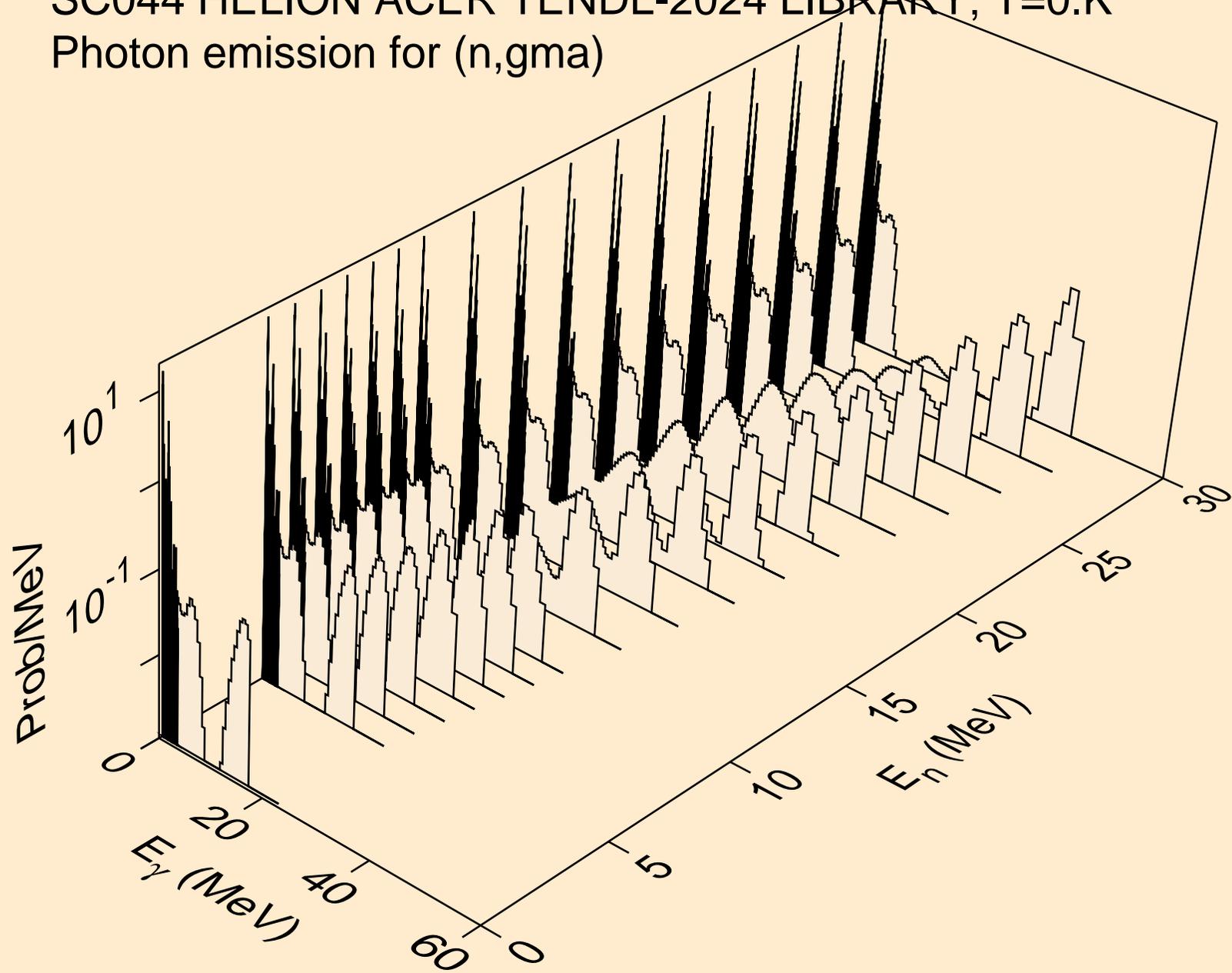
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



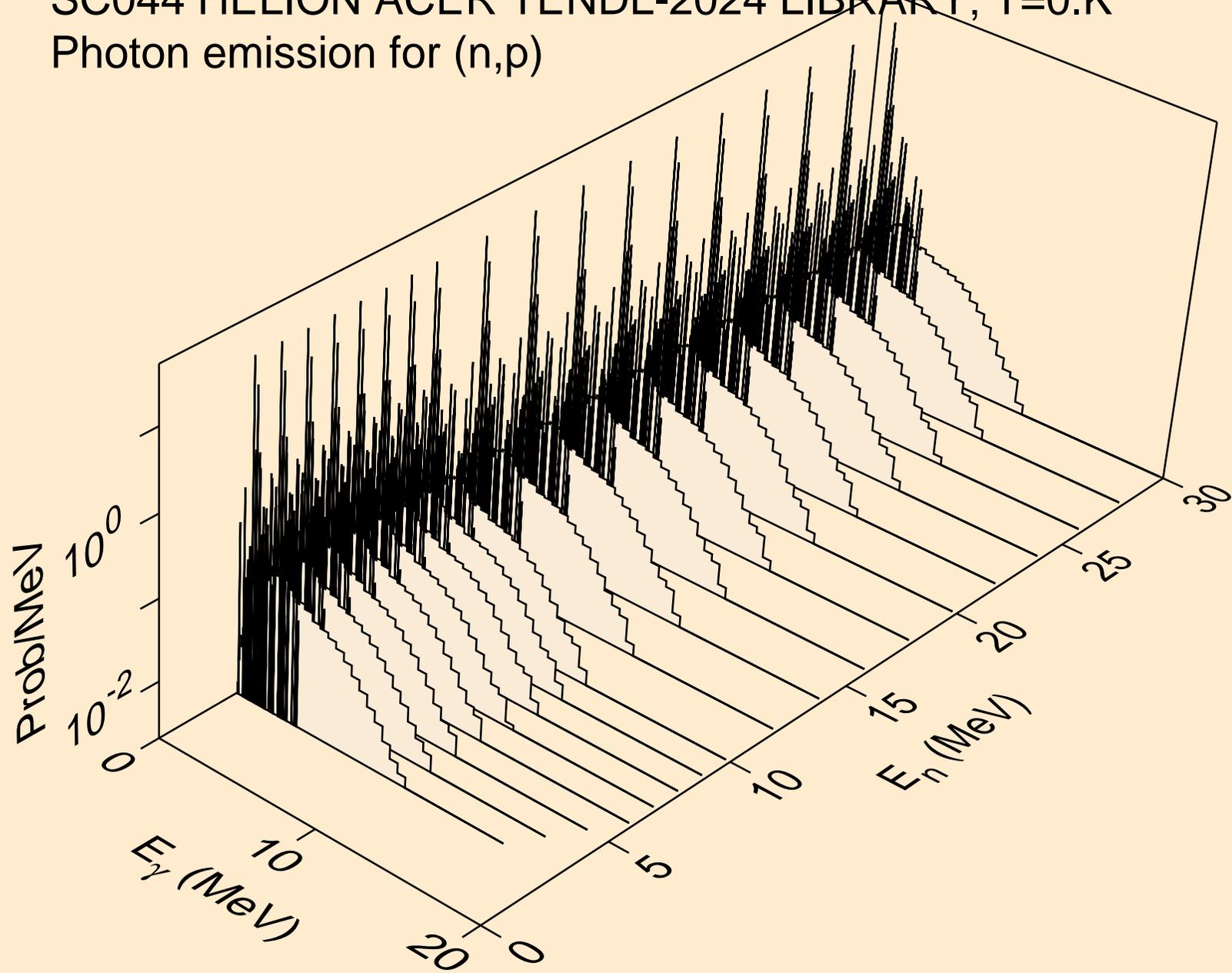
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



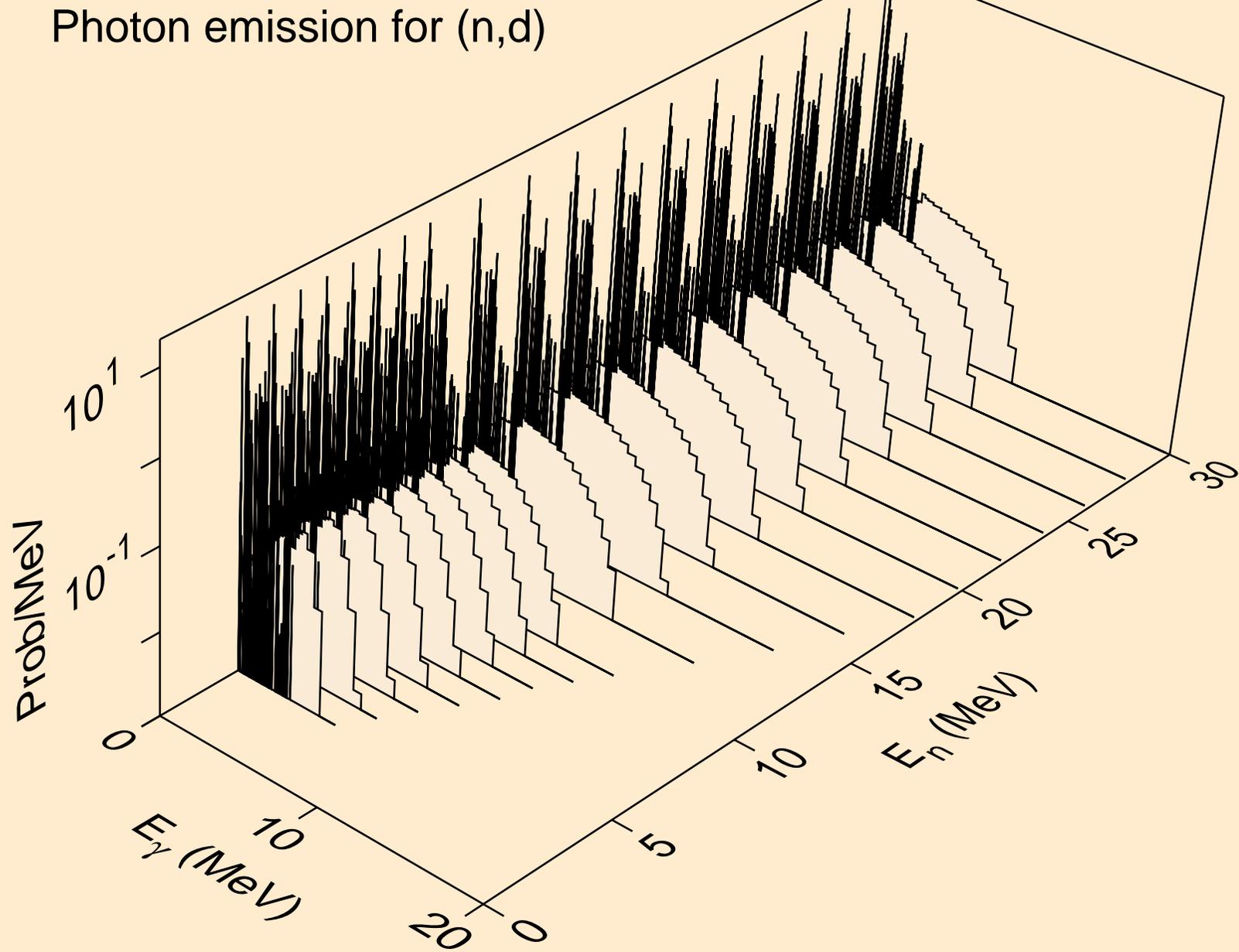
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



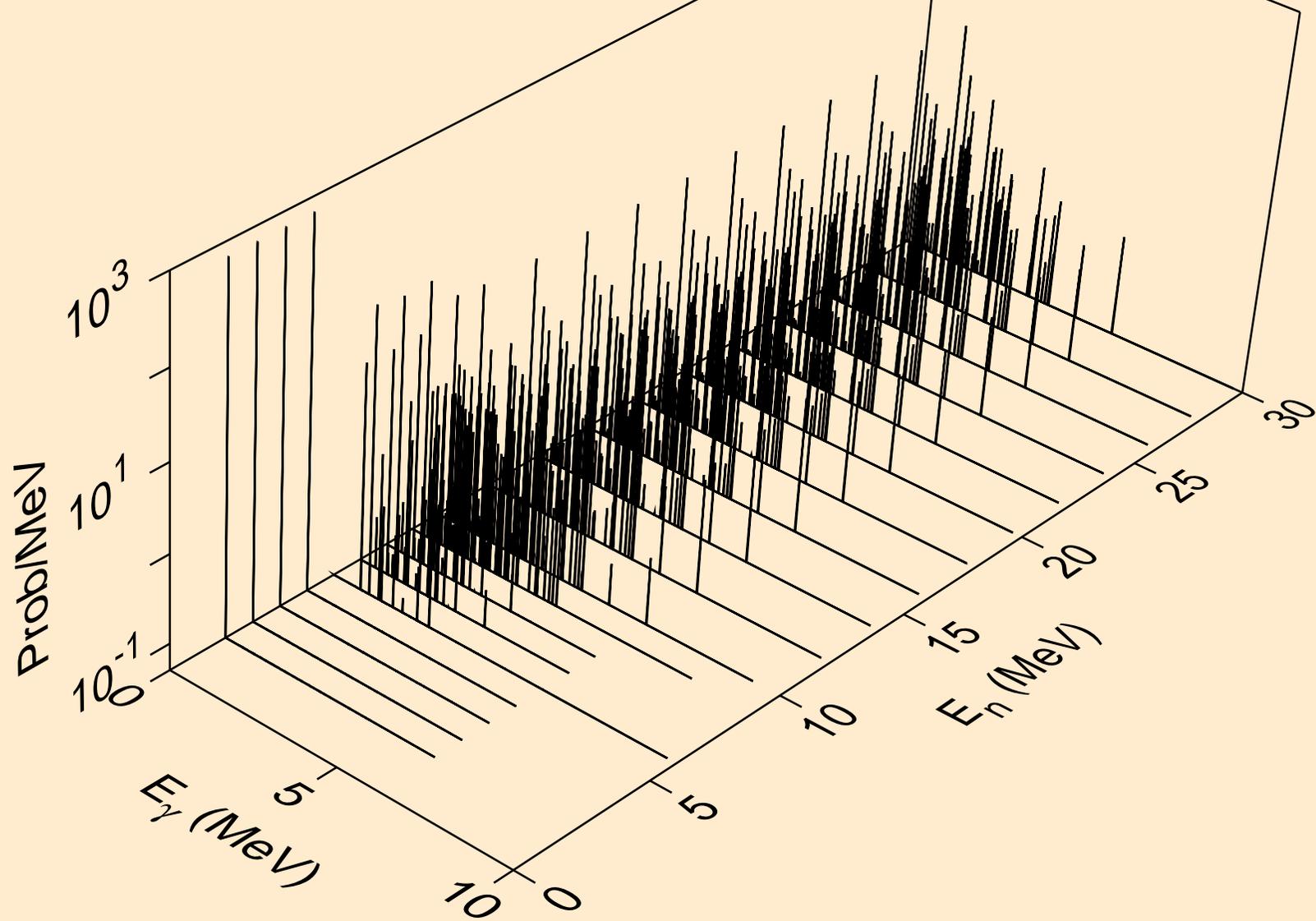
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



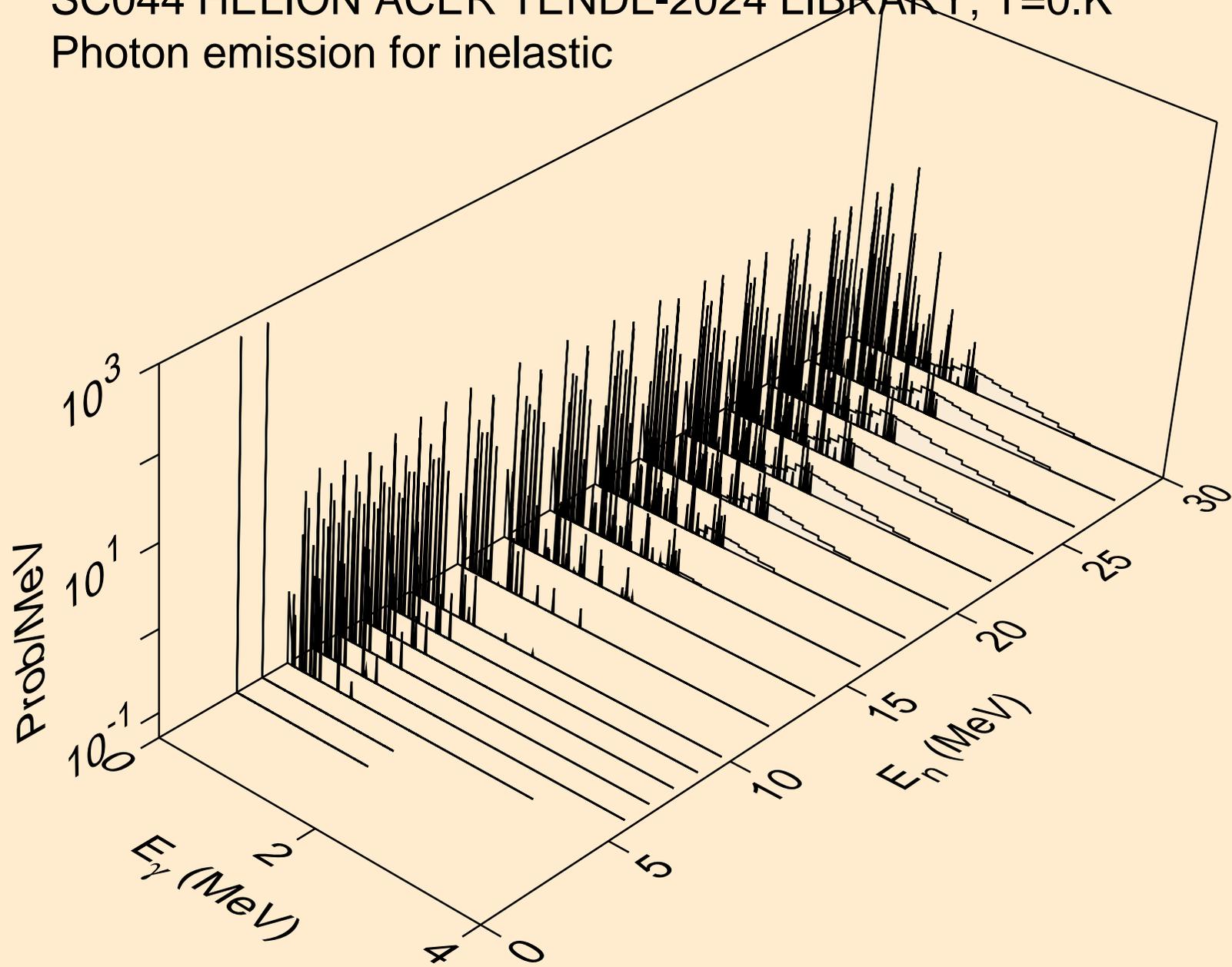
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



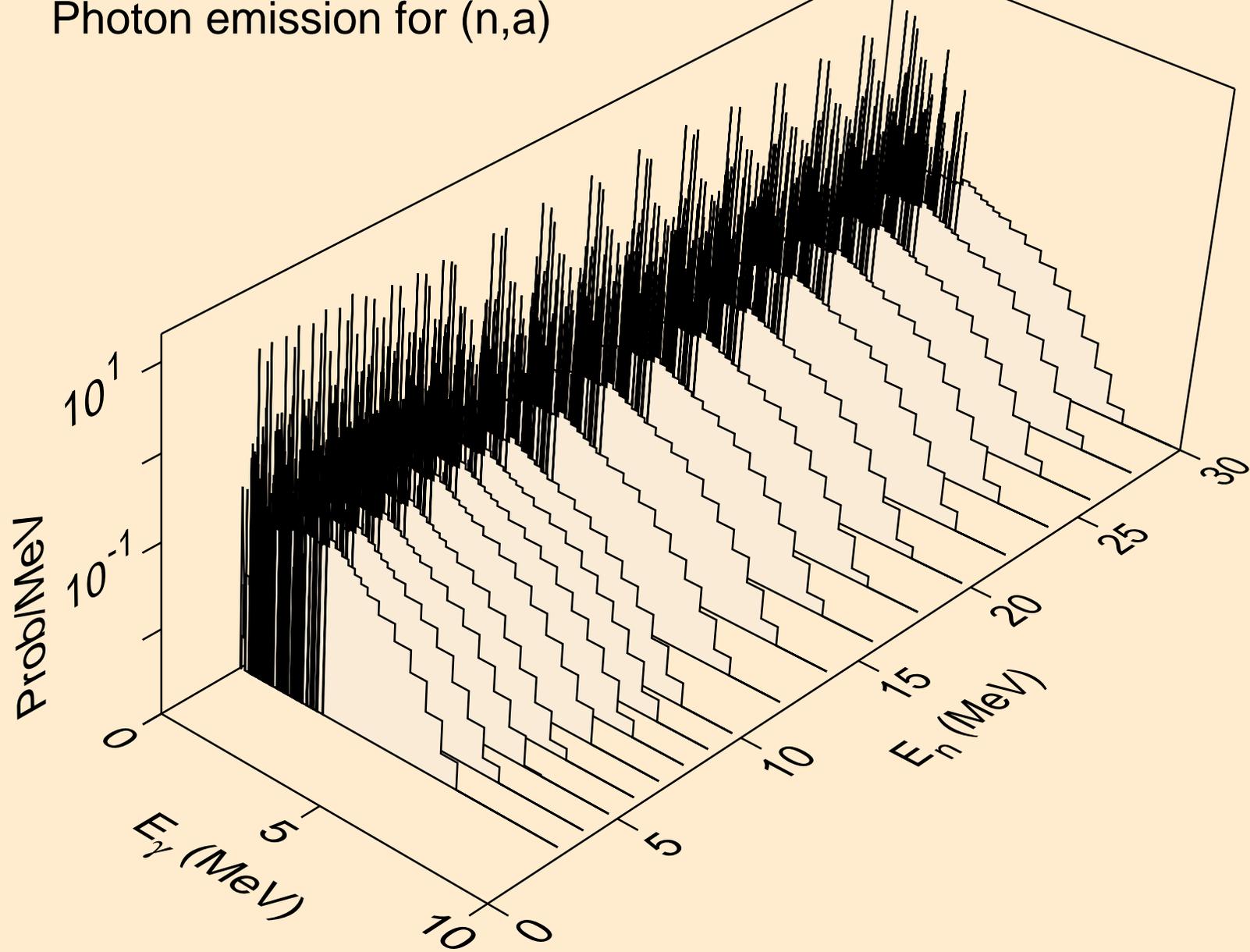
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



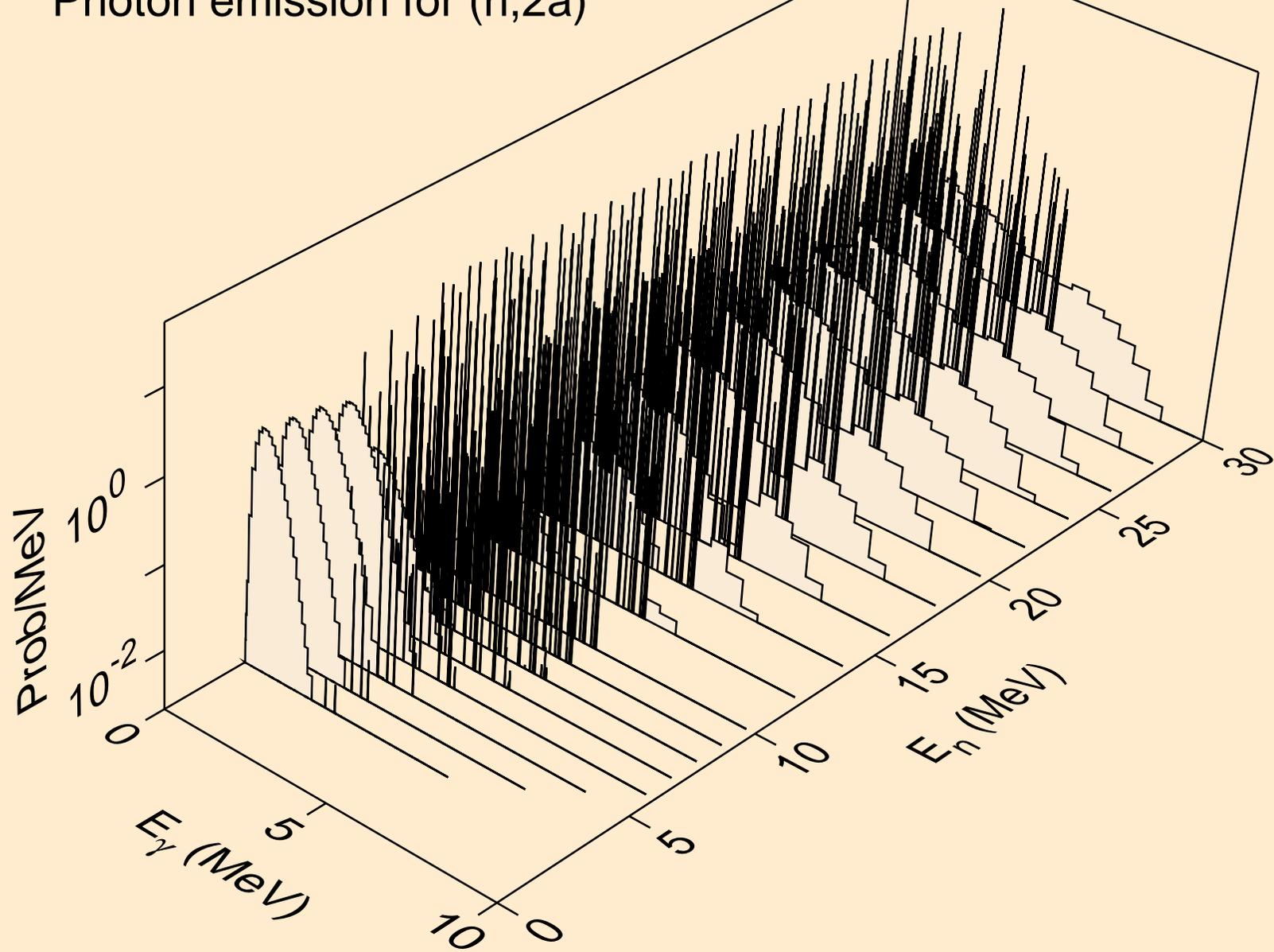
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



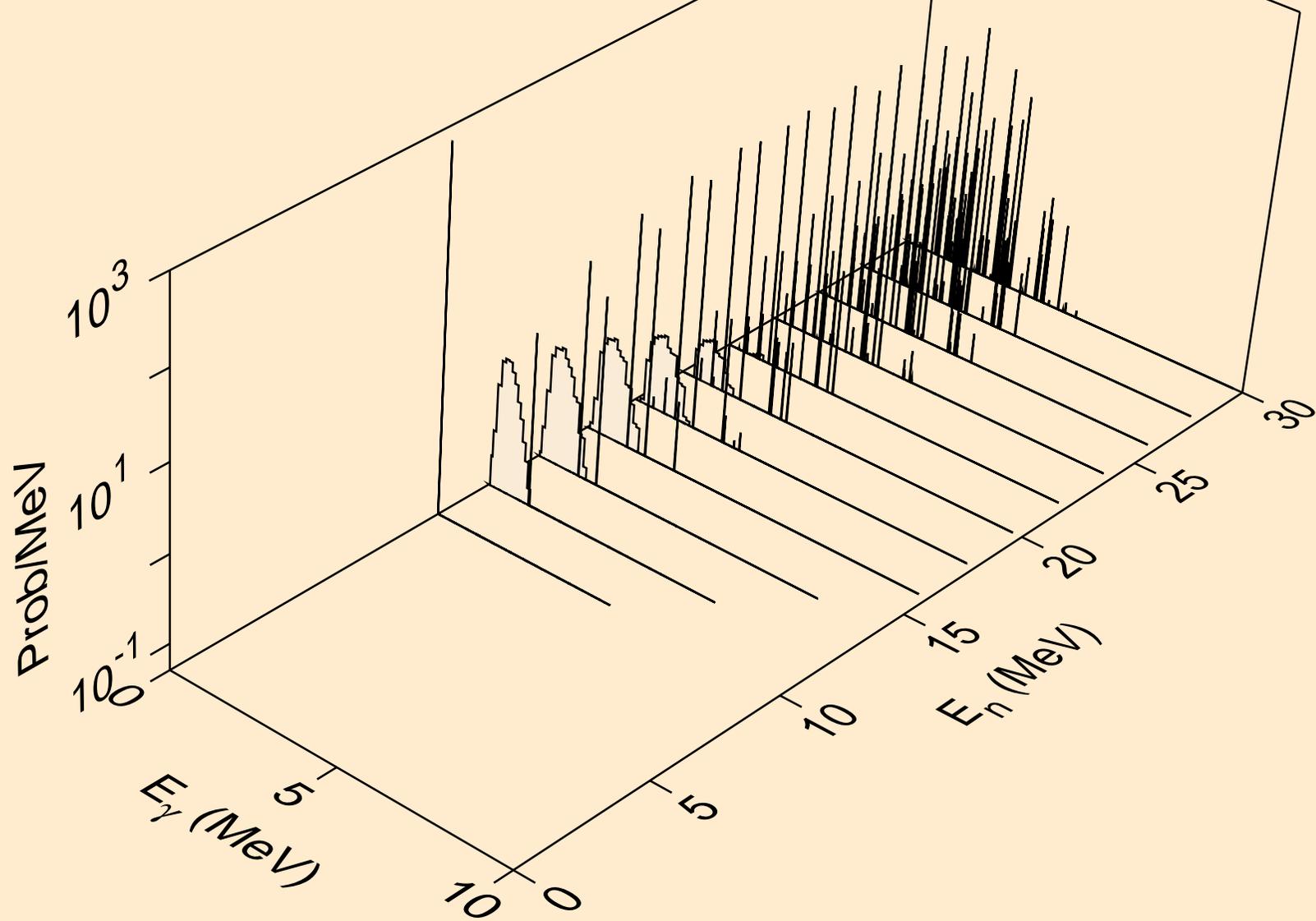
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



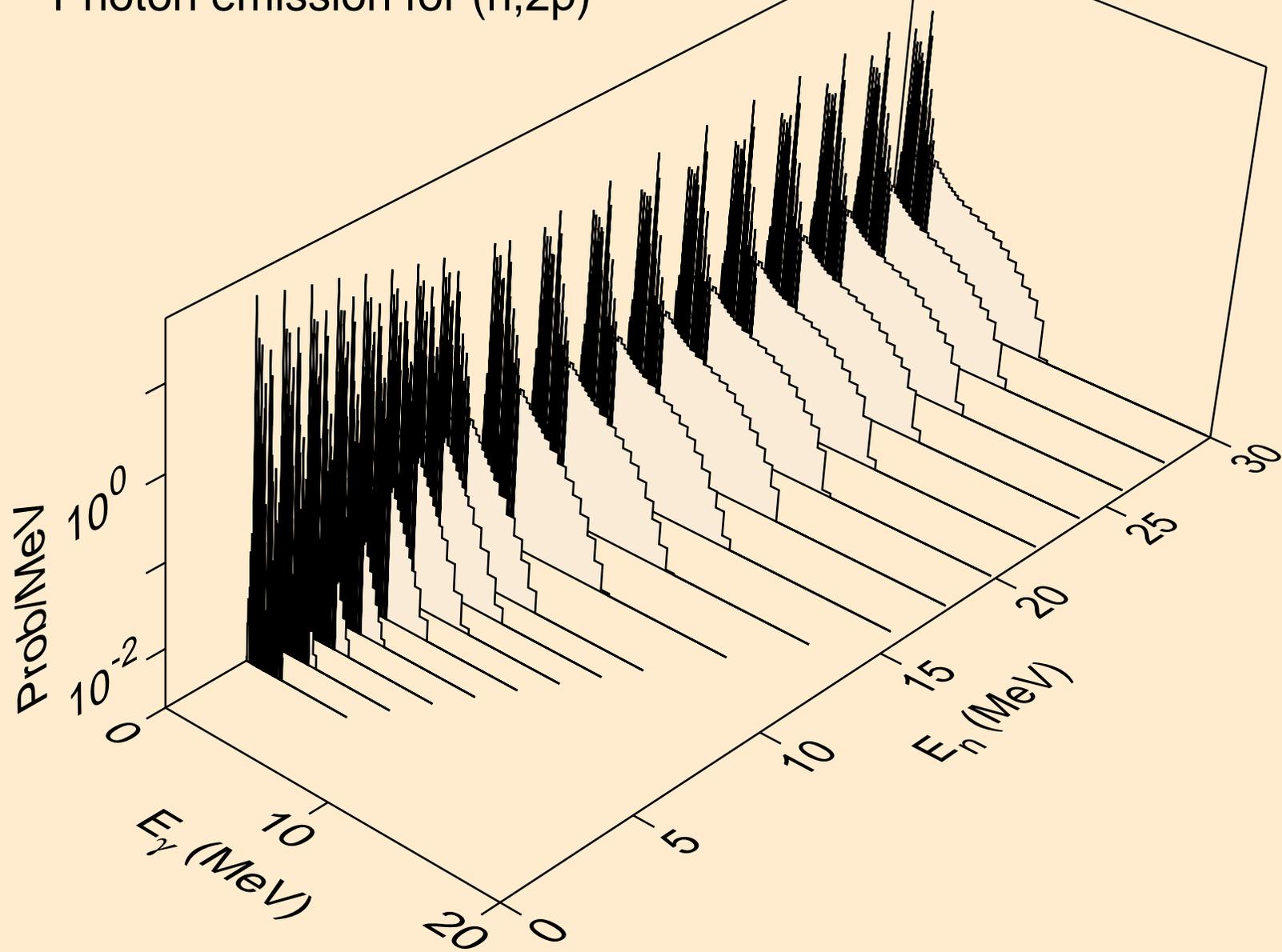
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



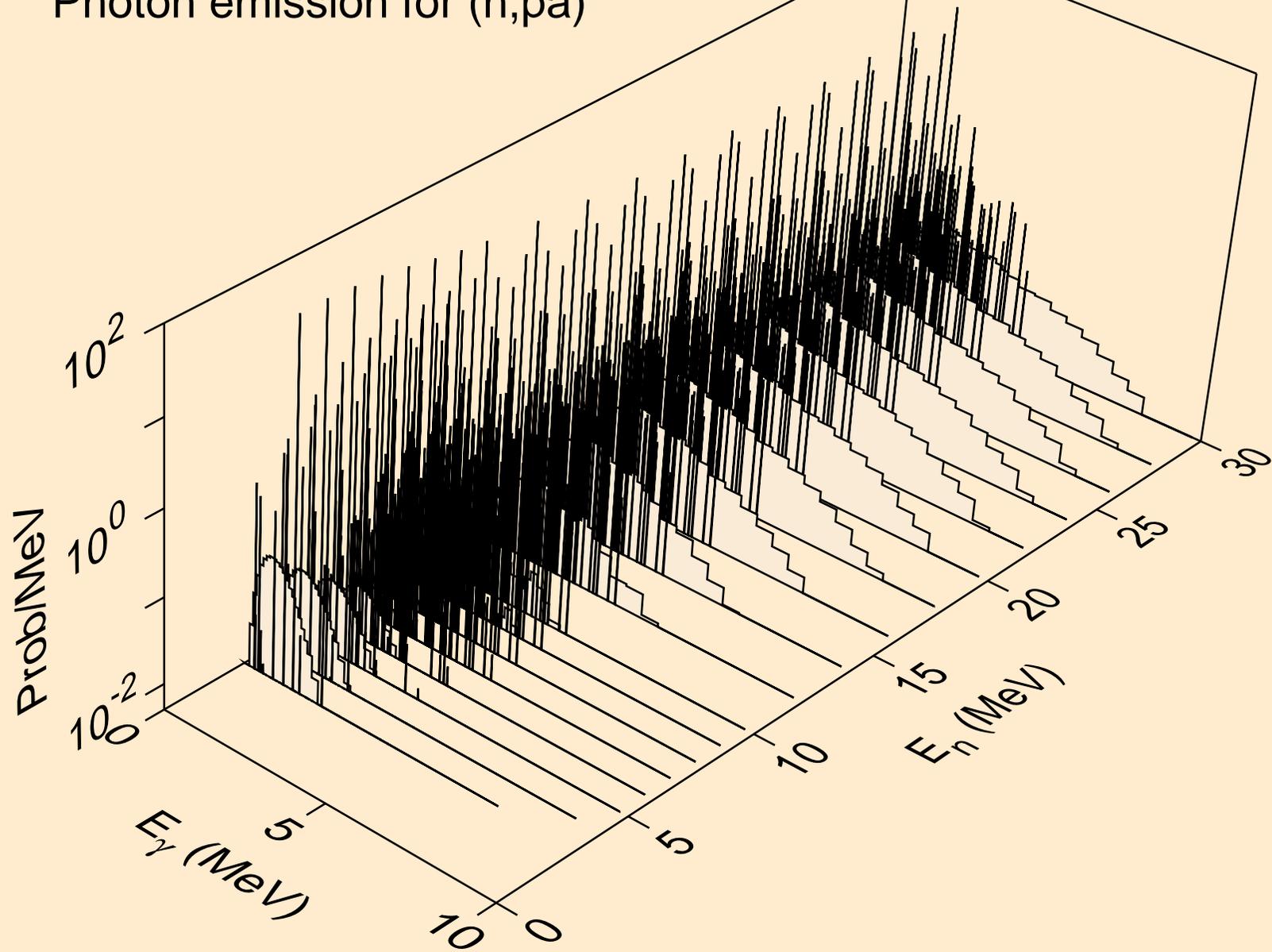
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



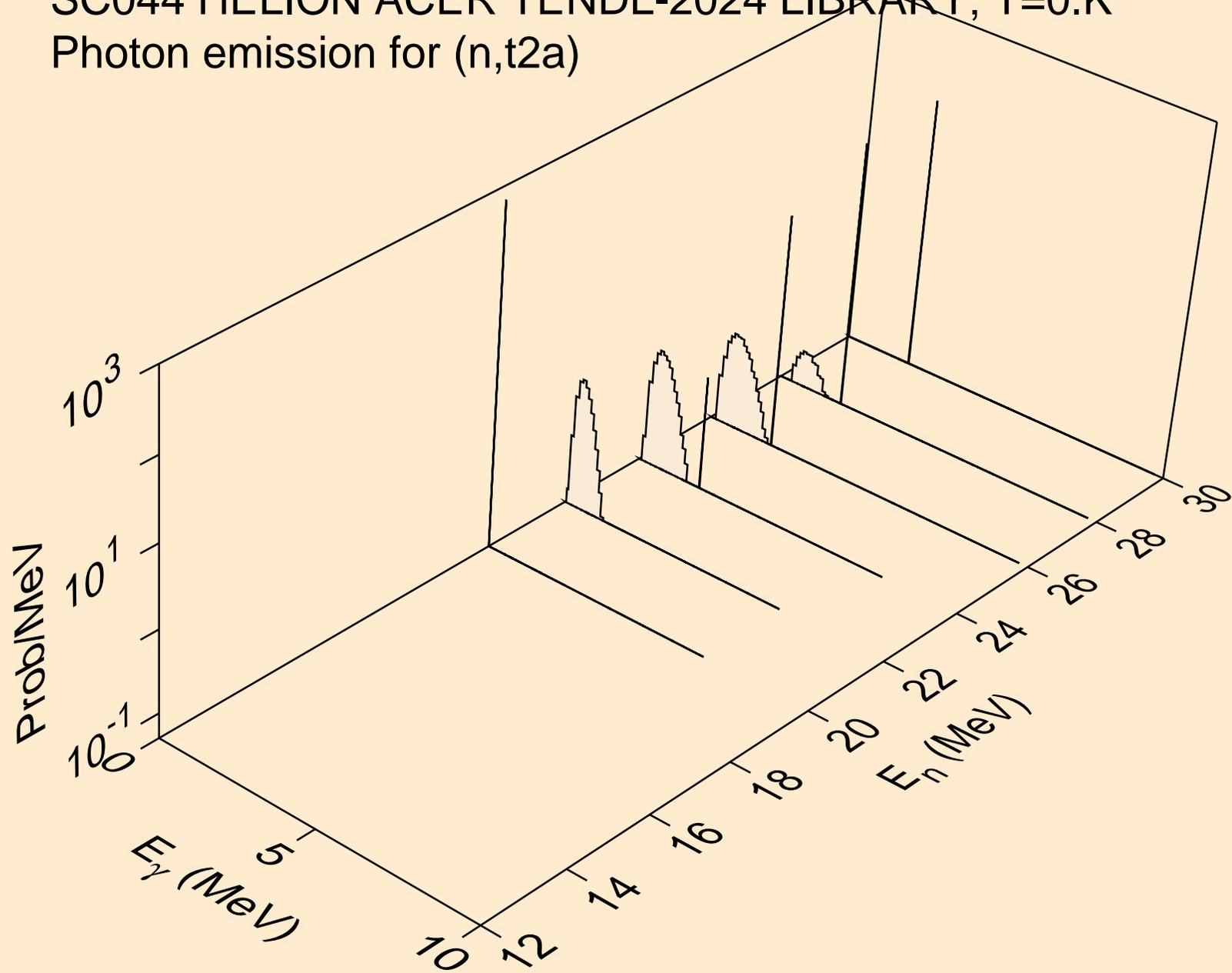
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



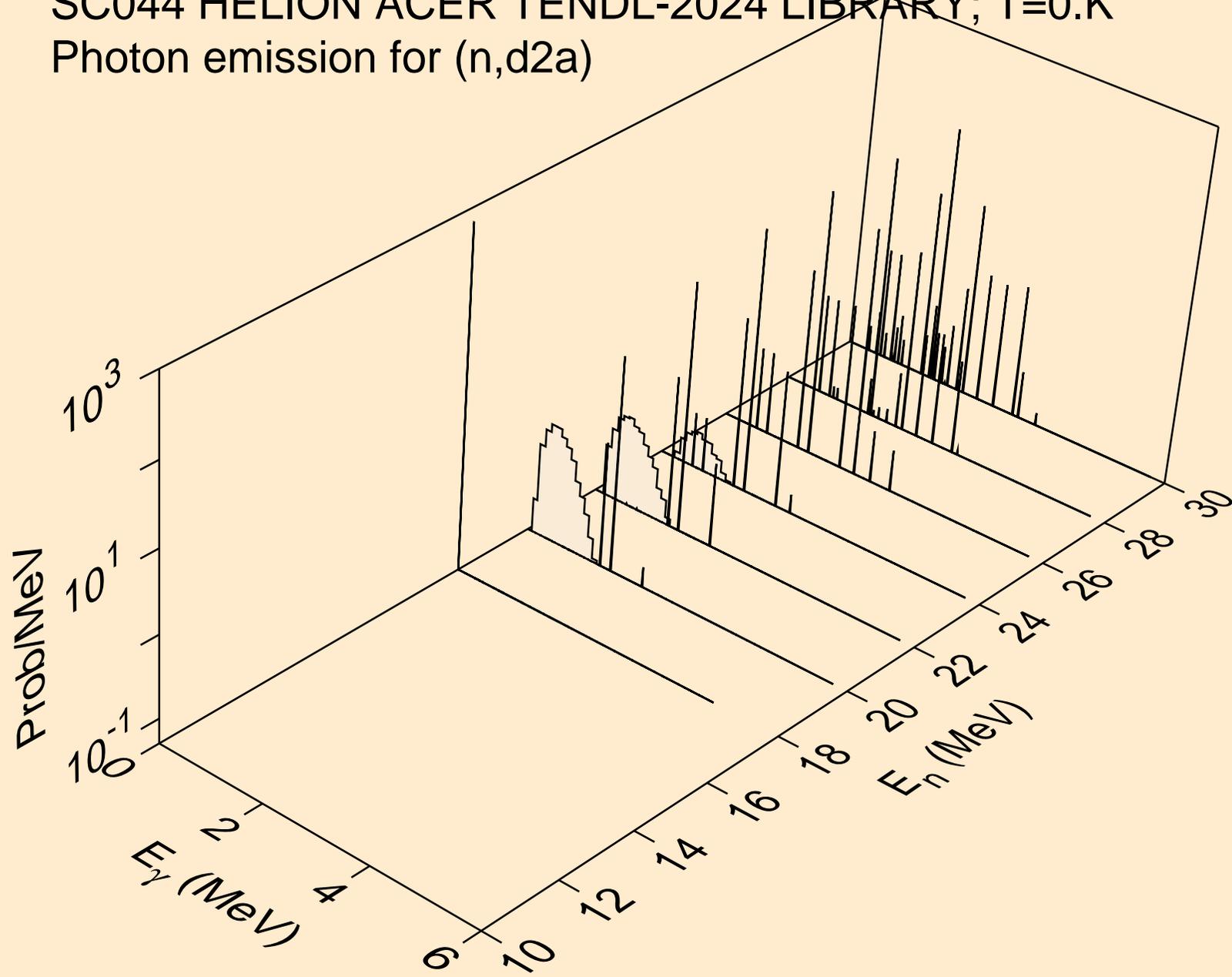
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



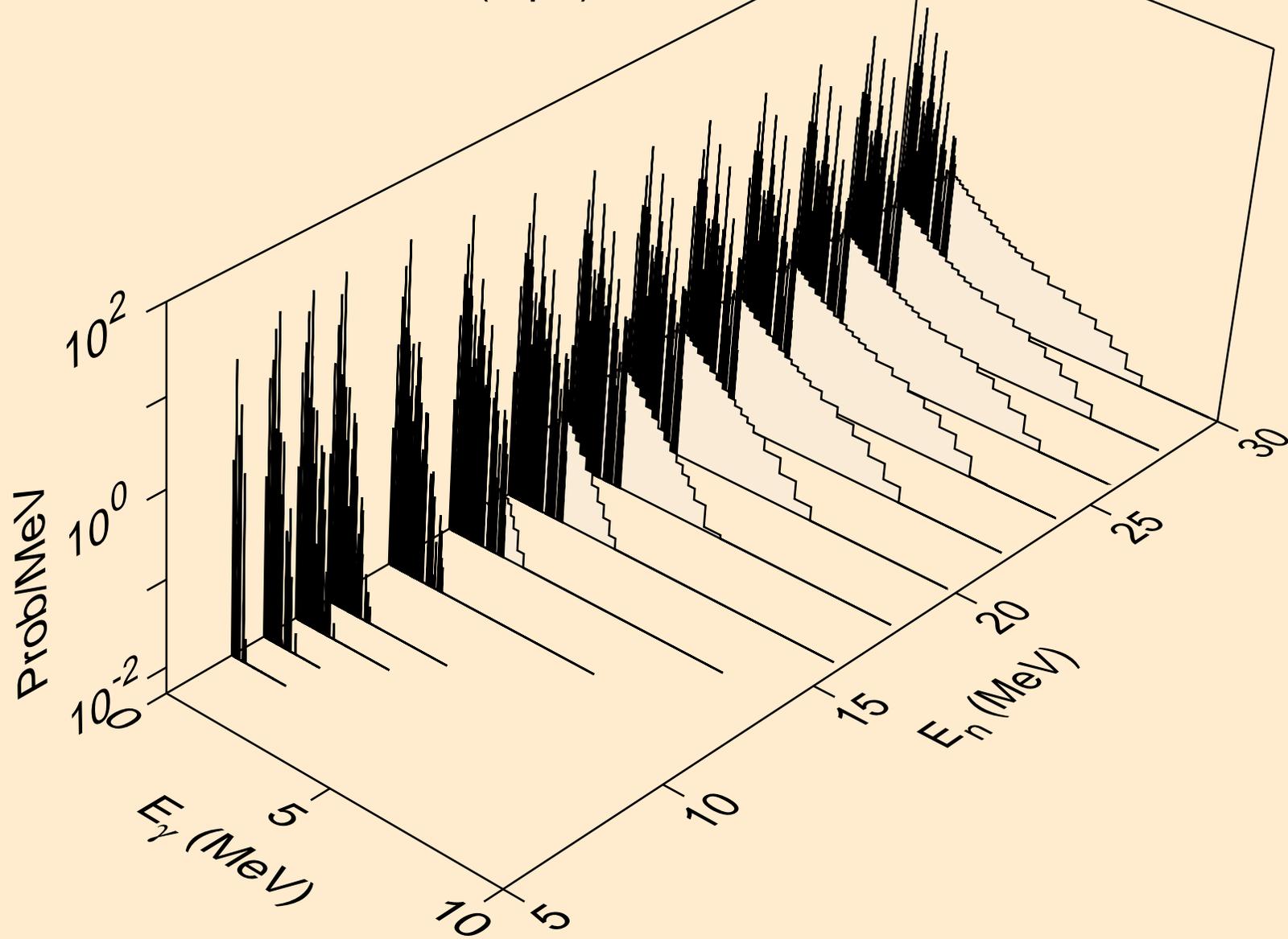
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t2a)



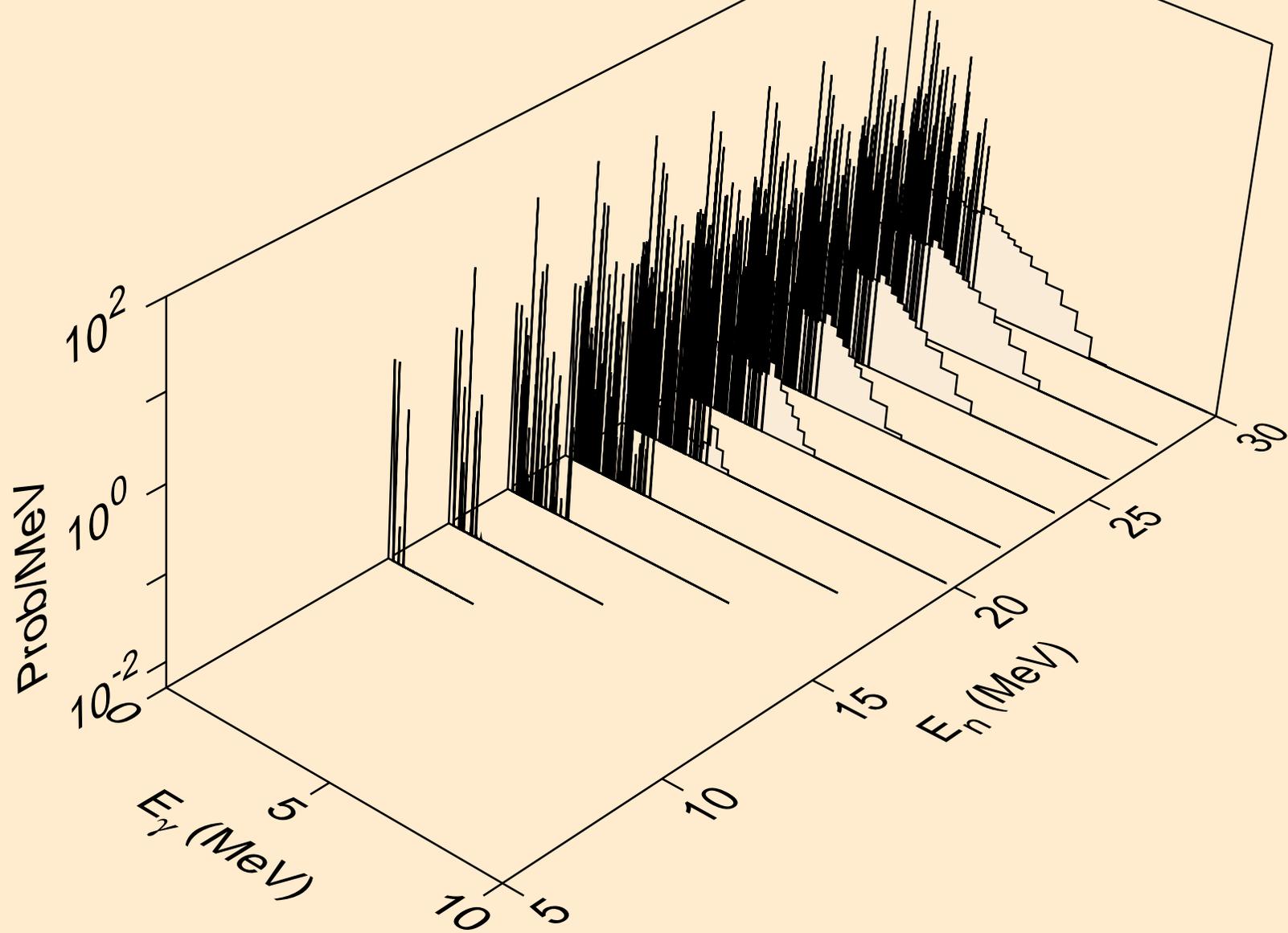
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



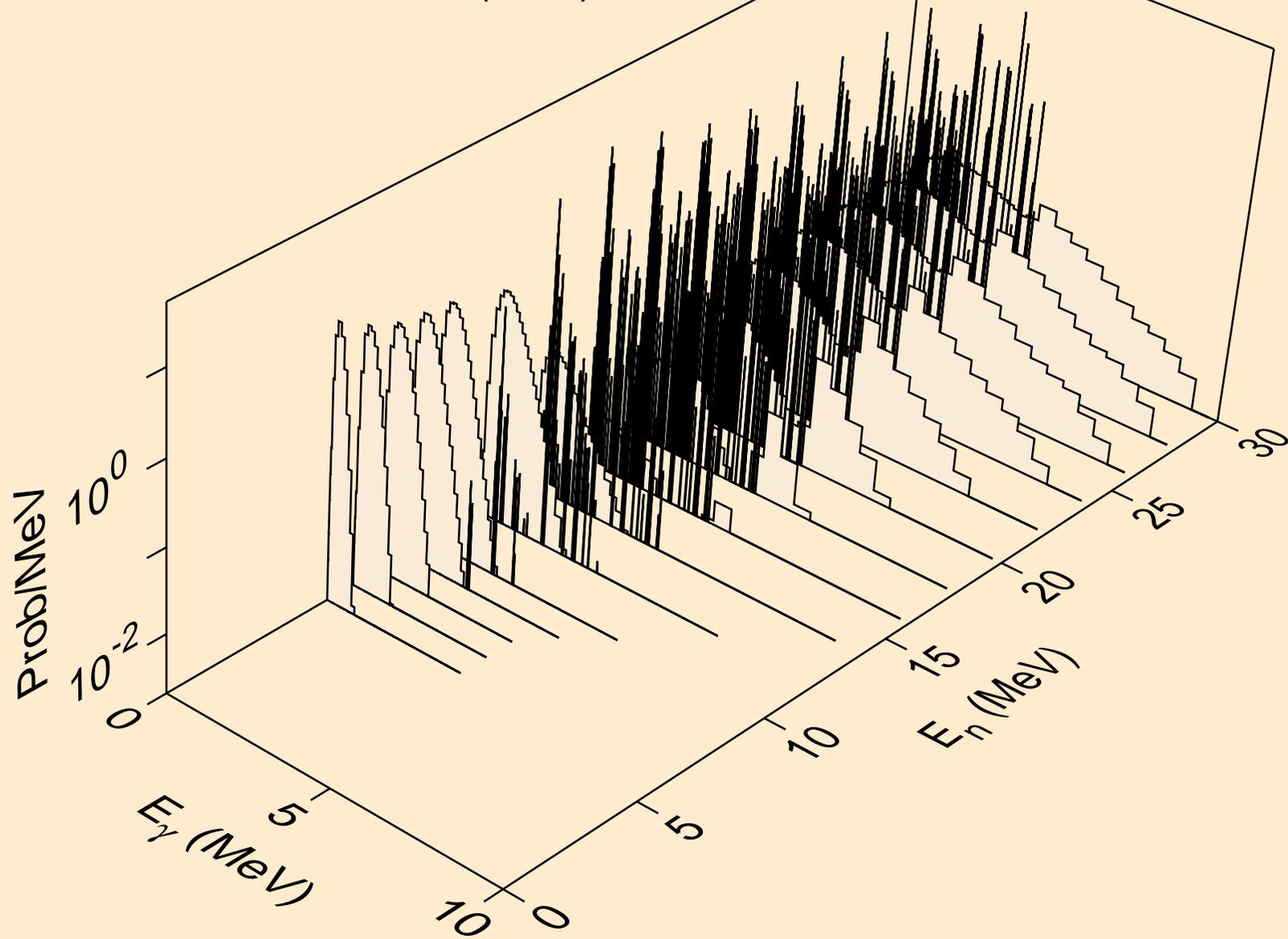
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

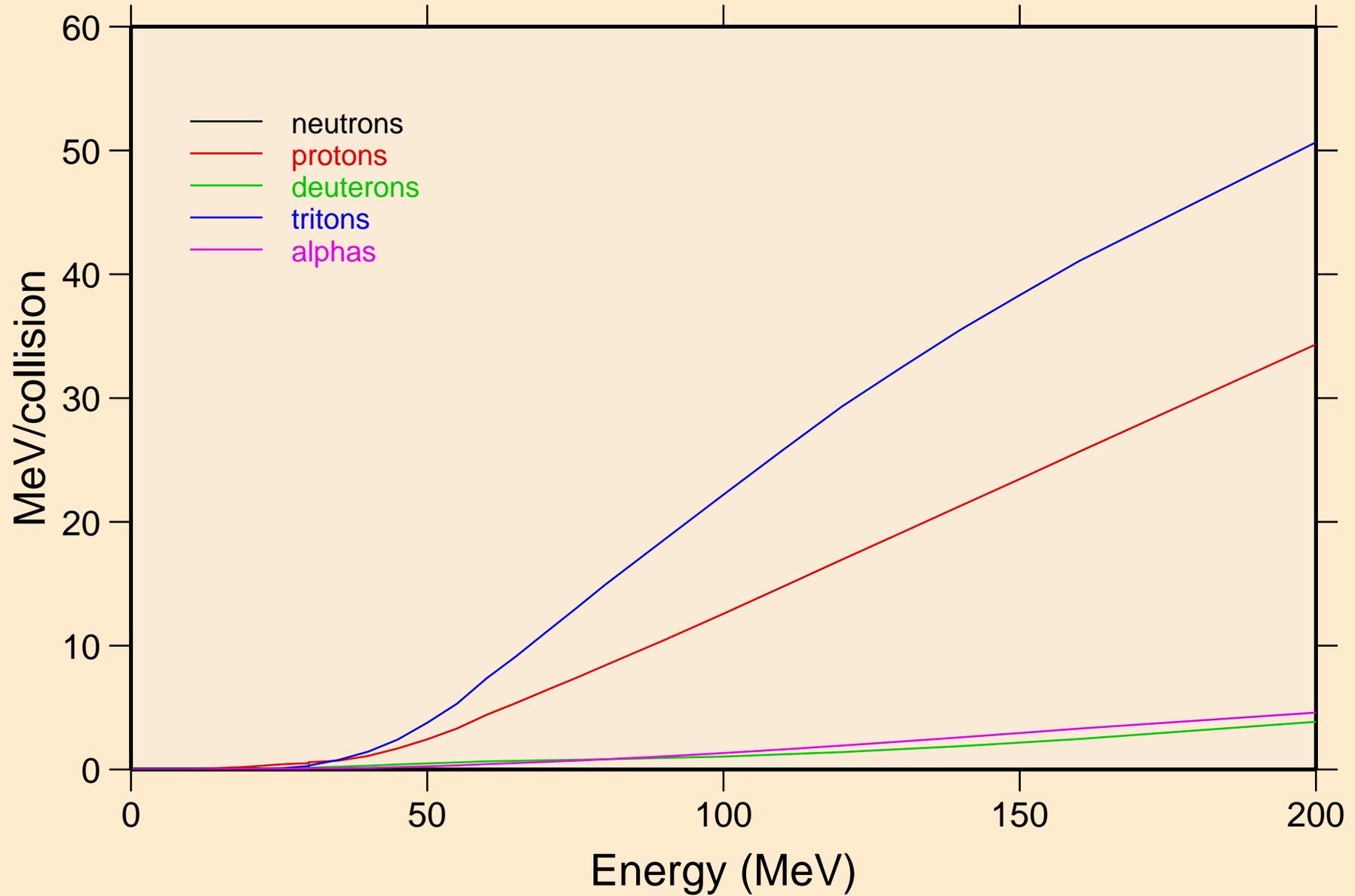


SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

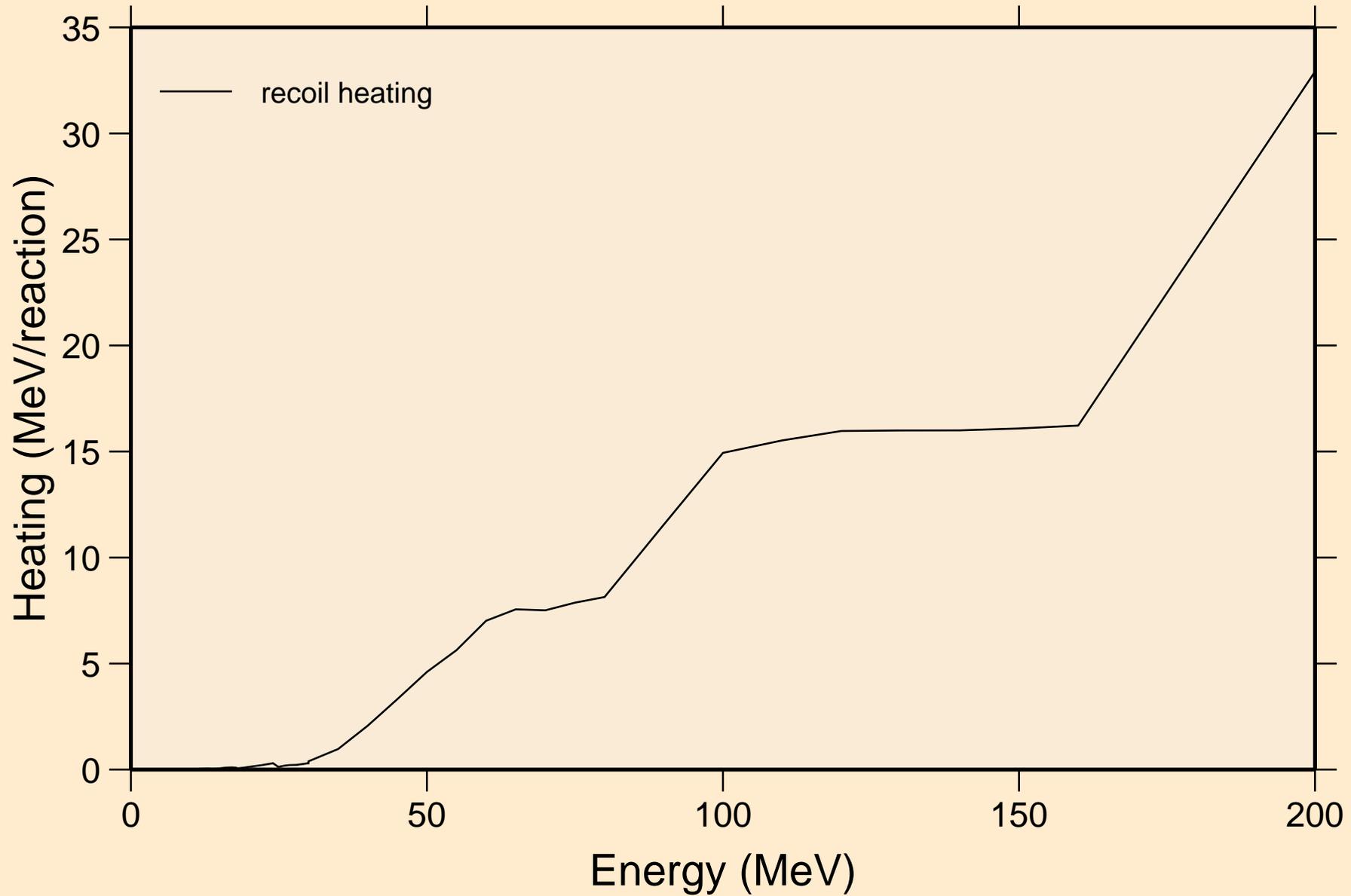


# SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K

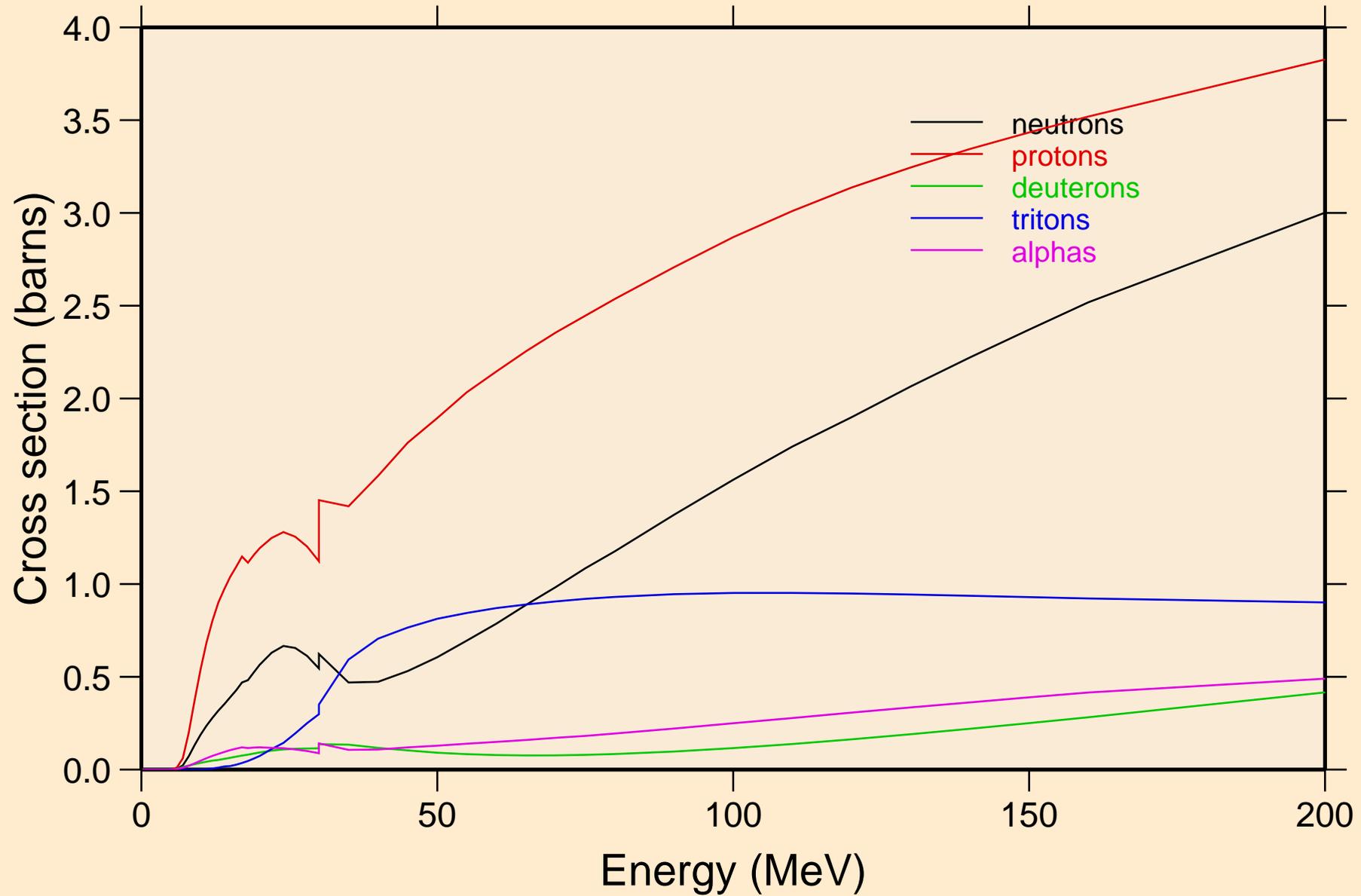
## Particle heating contributions



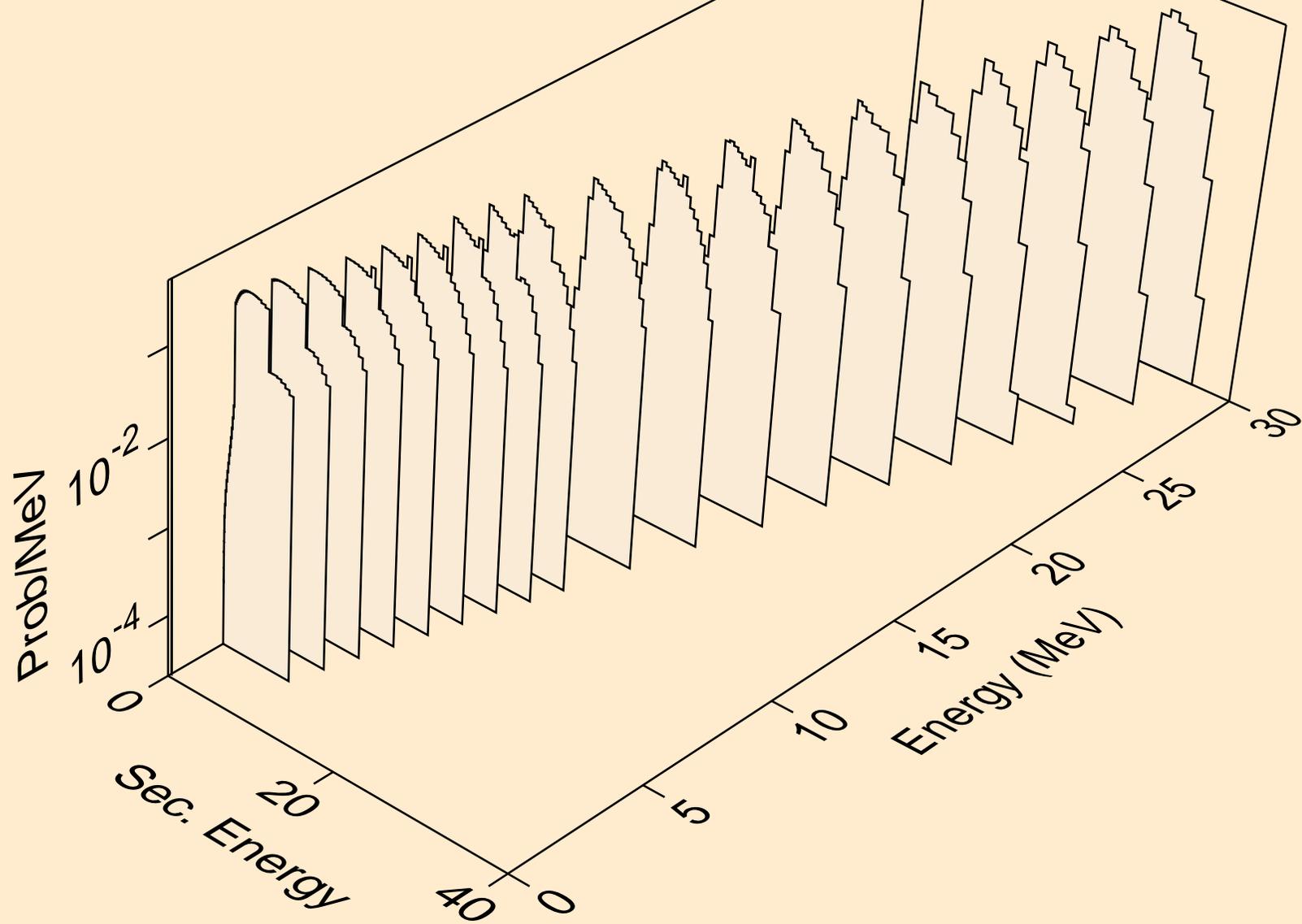
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



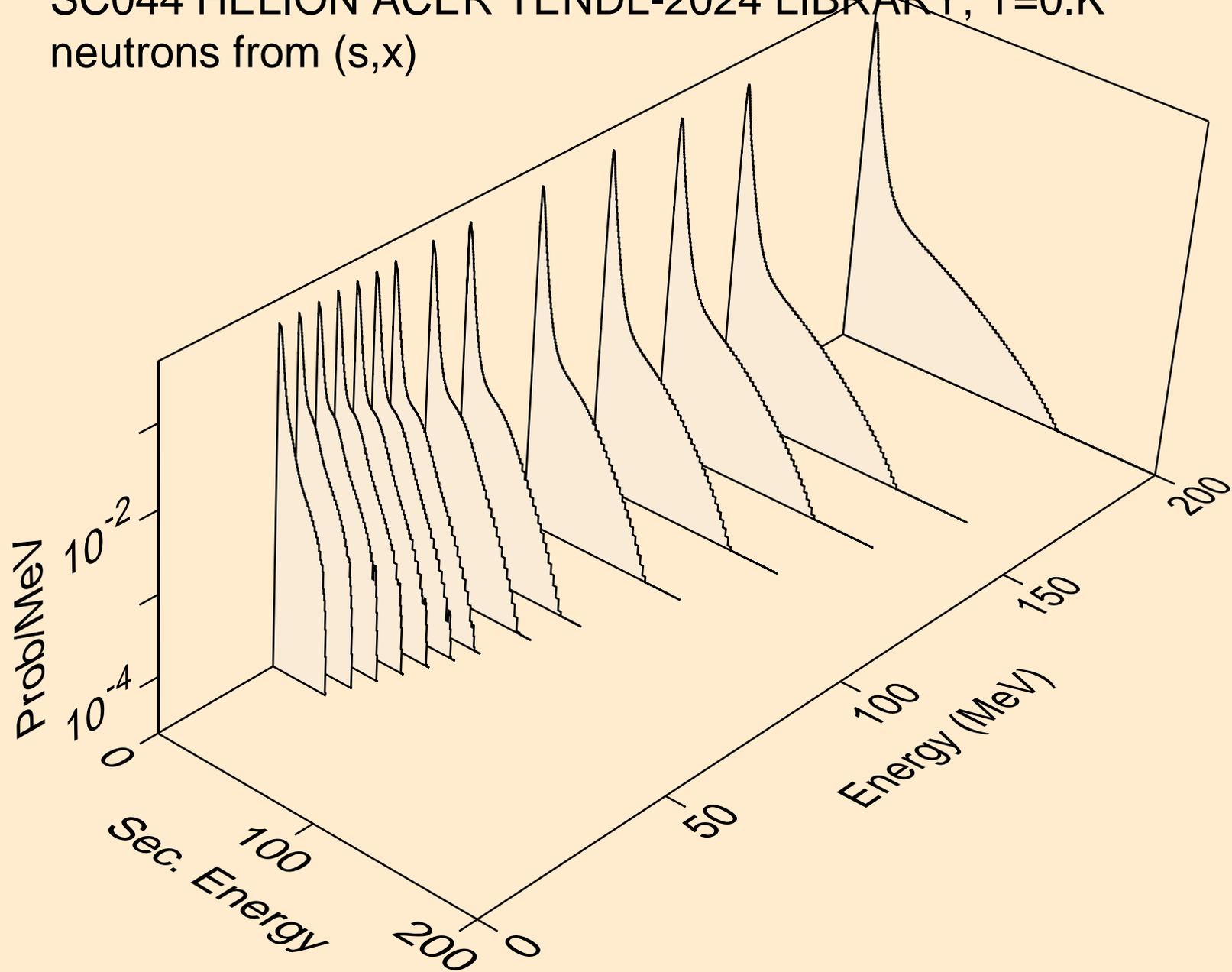
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



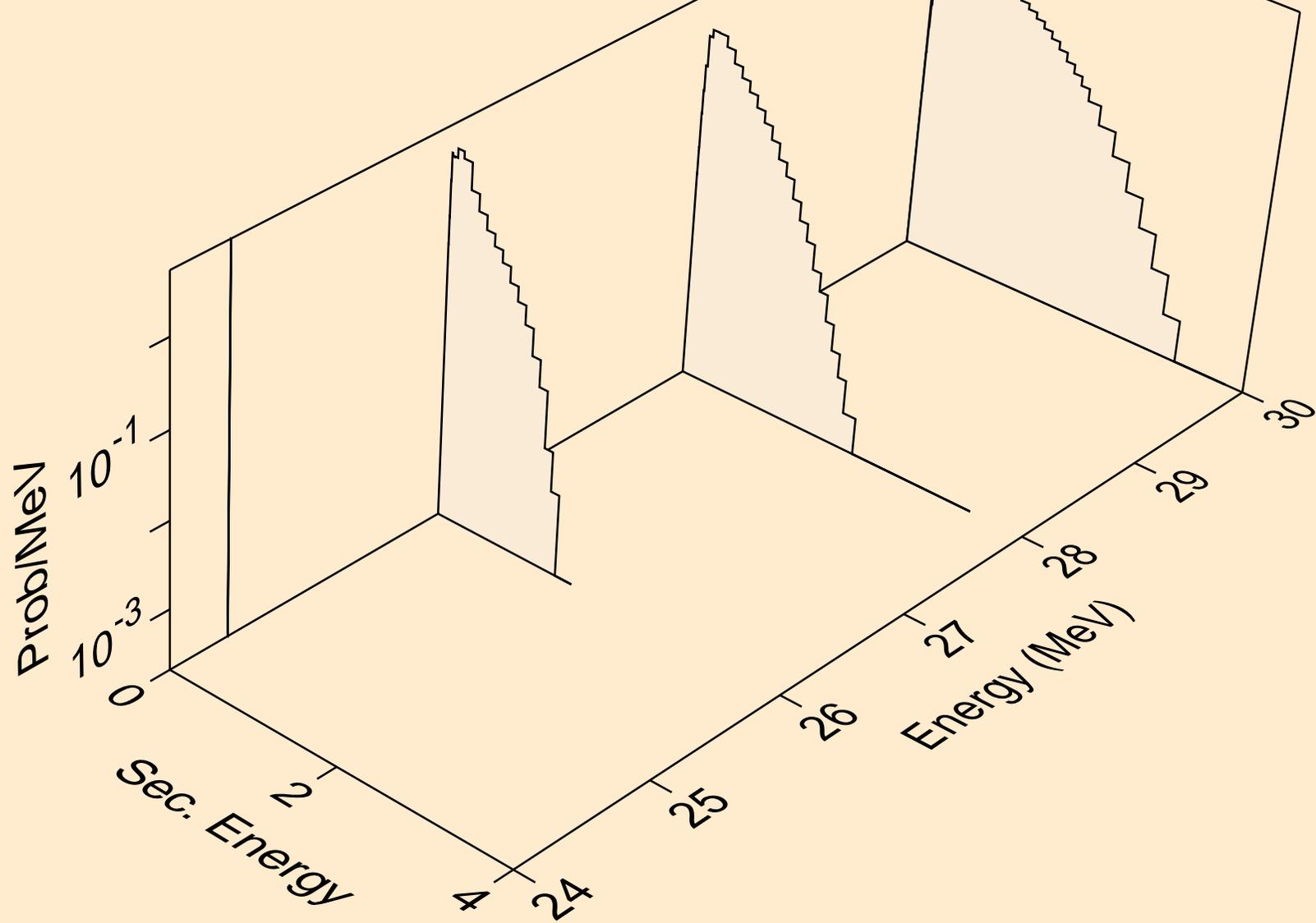
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



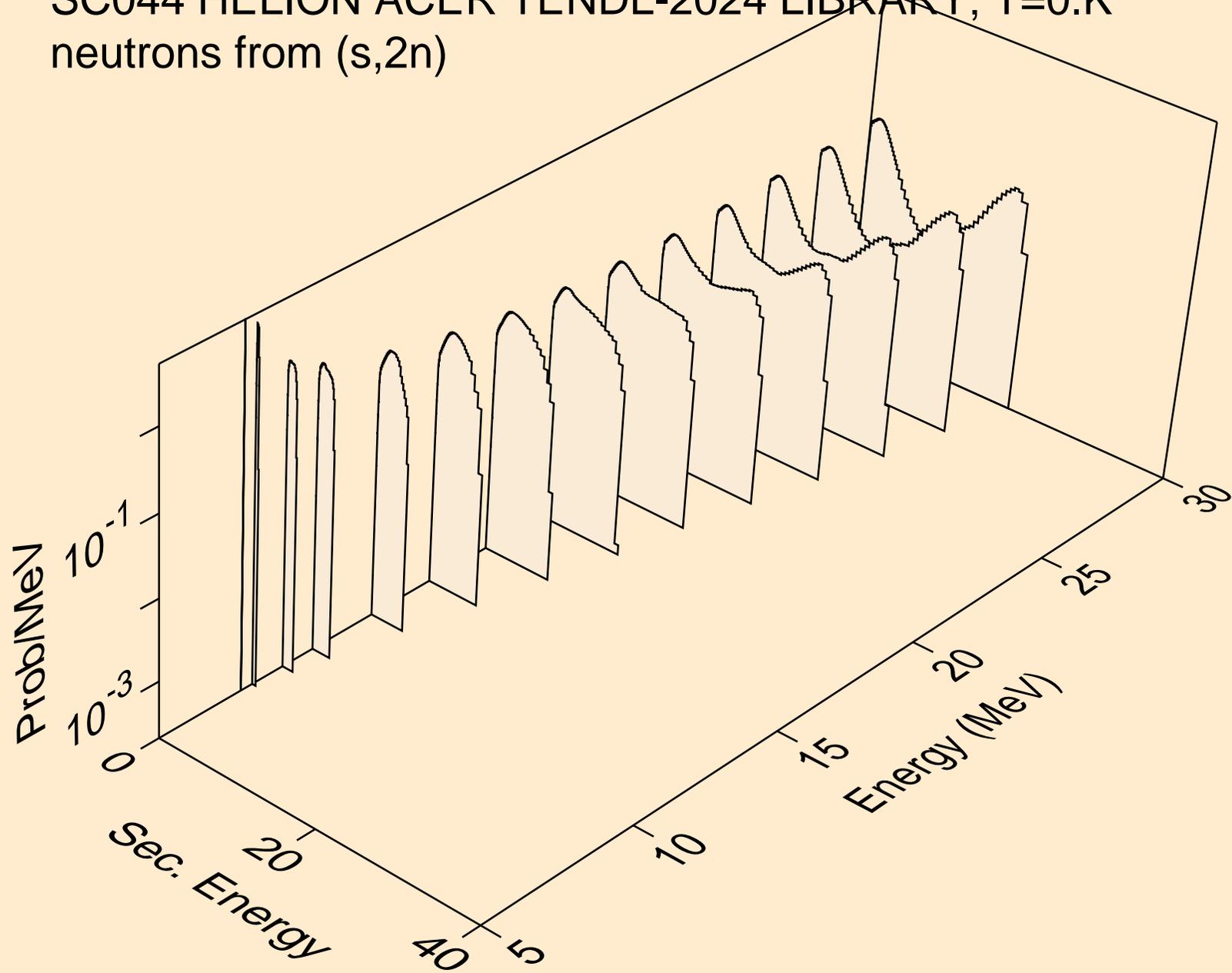
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



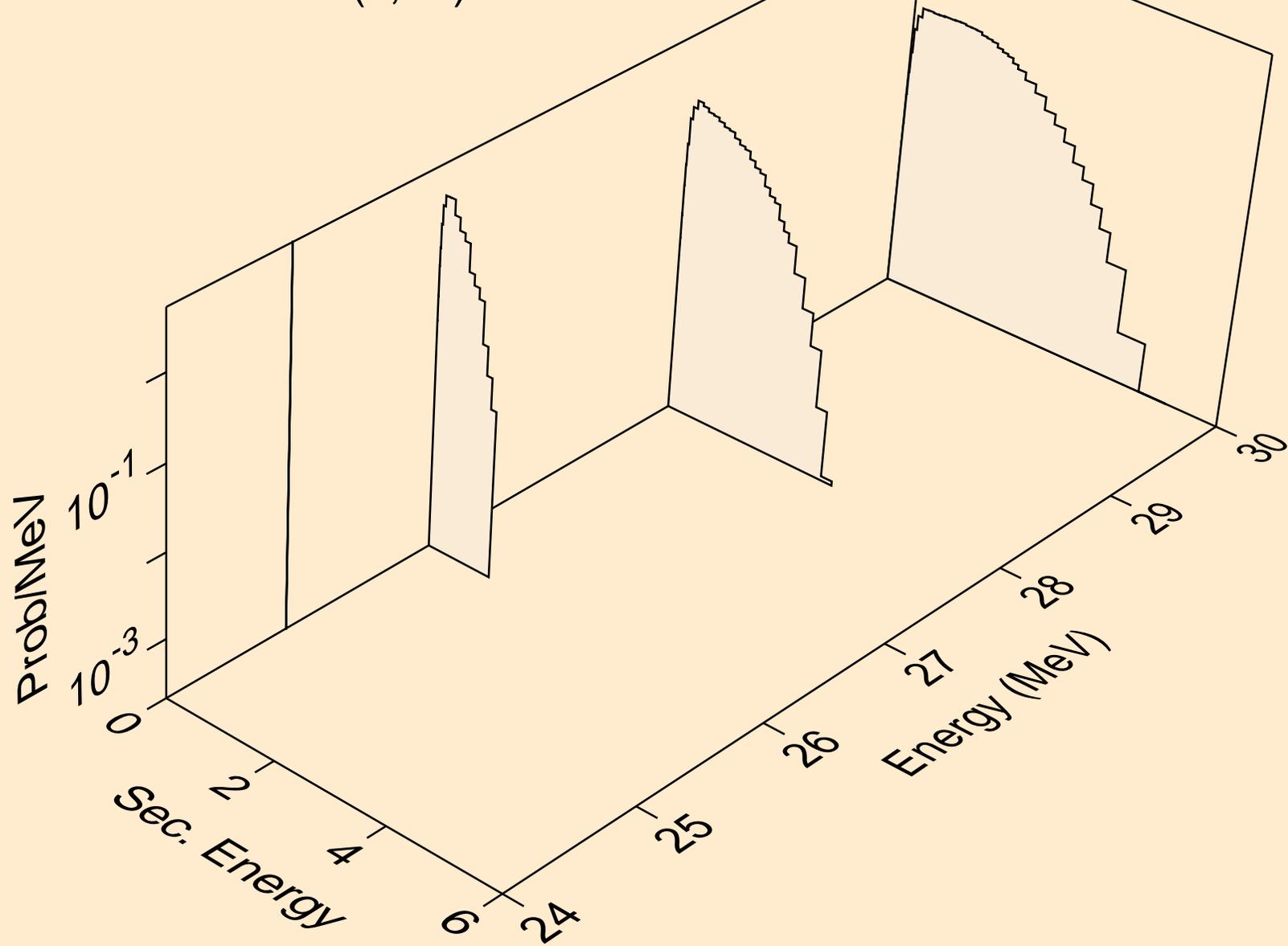
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



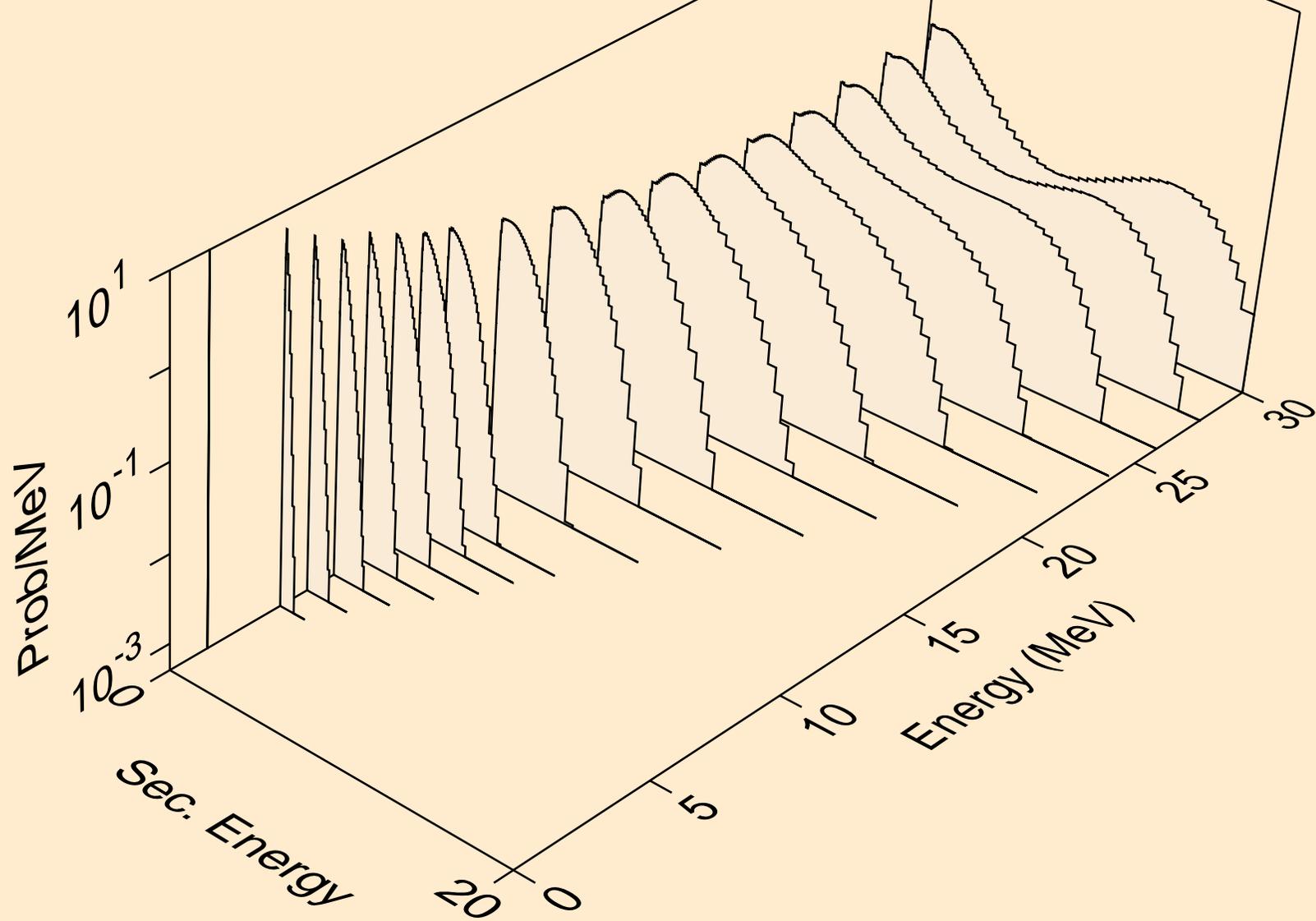
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



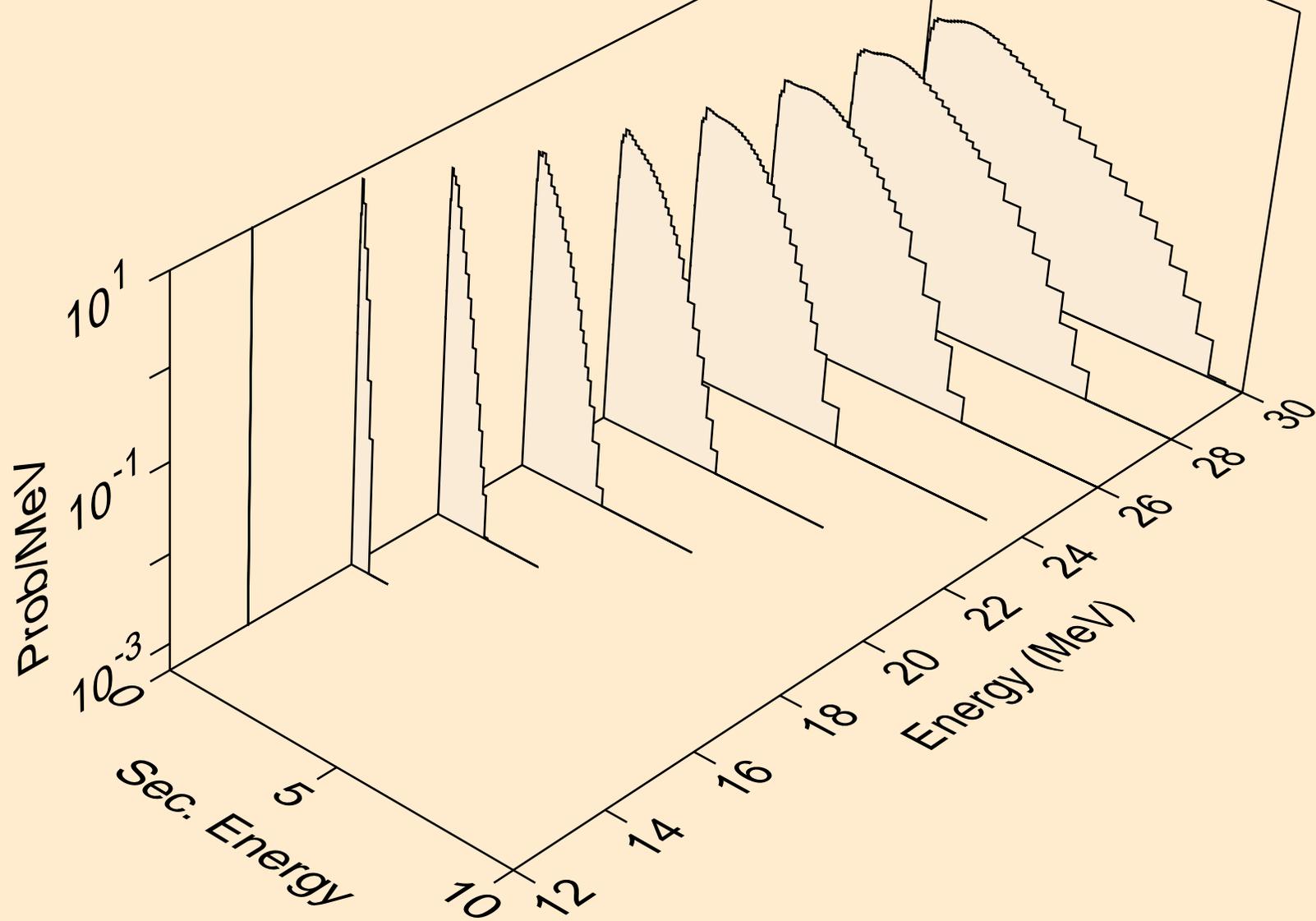
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



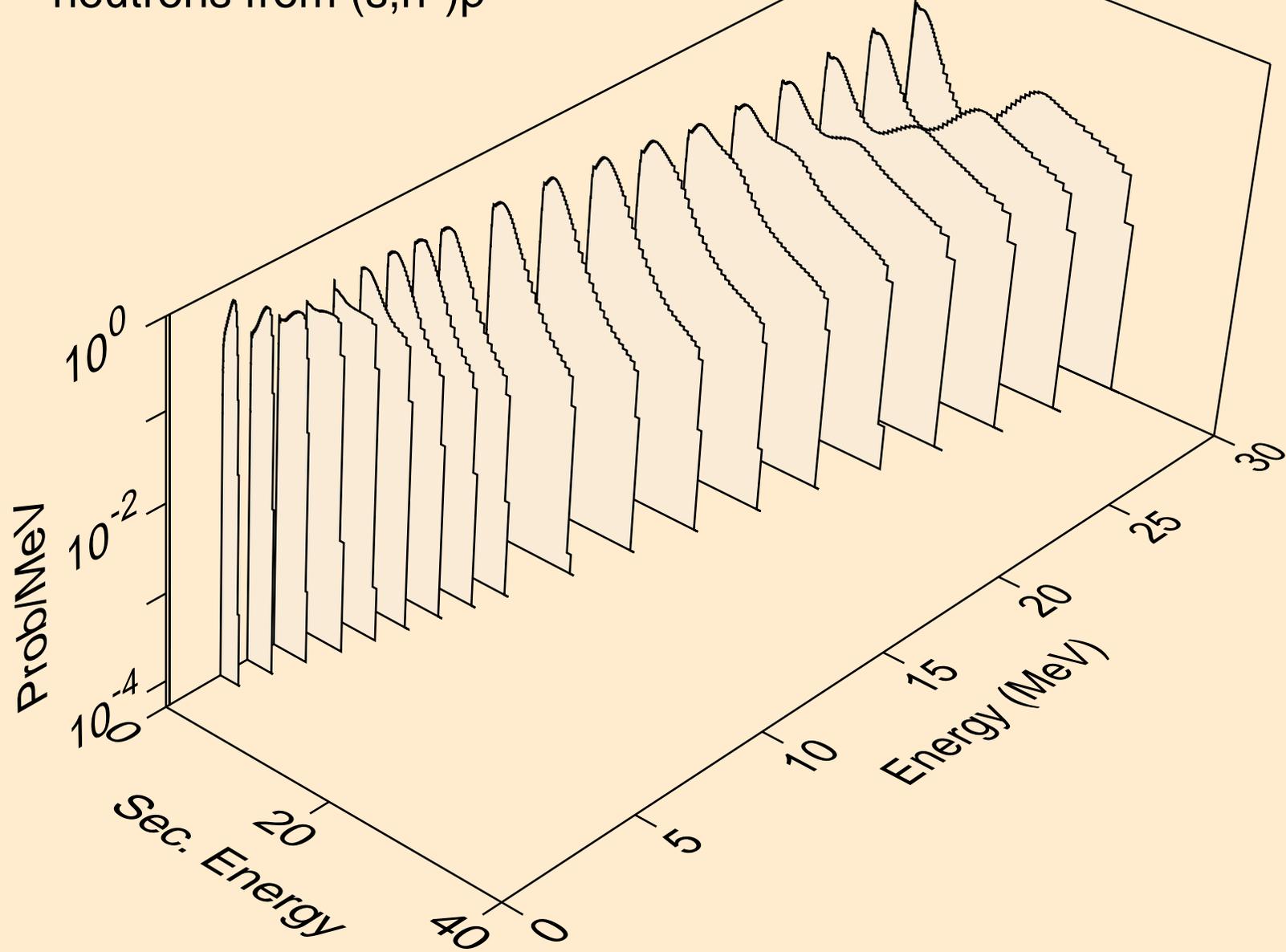
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



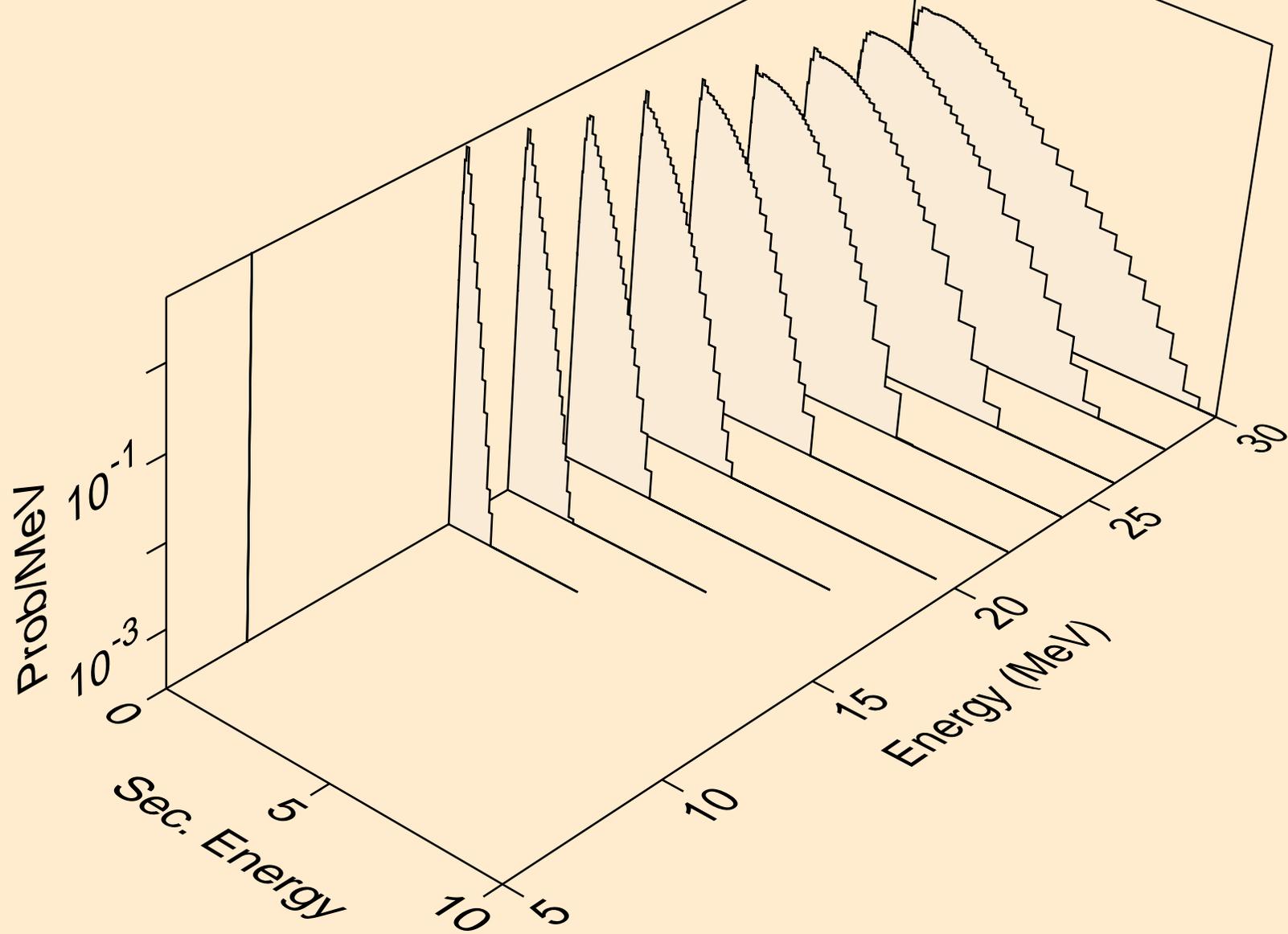
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



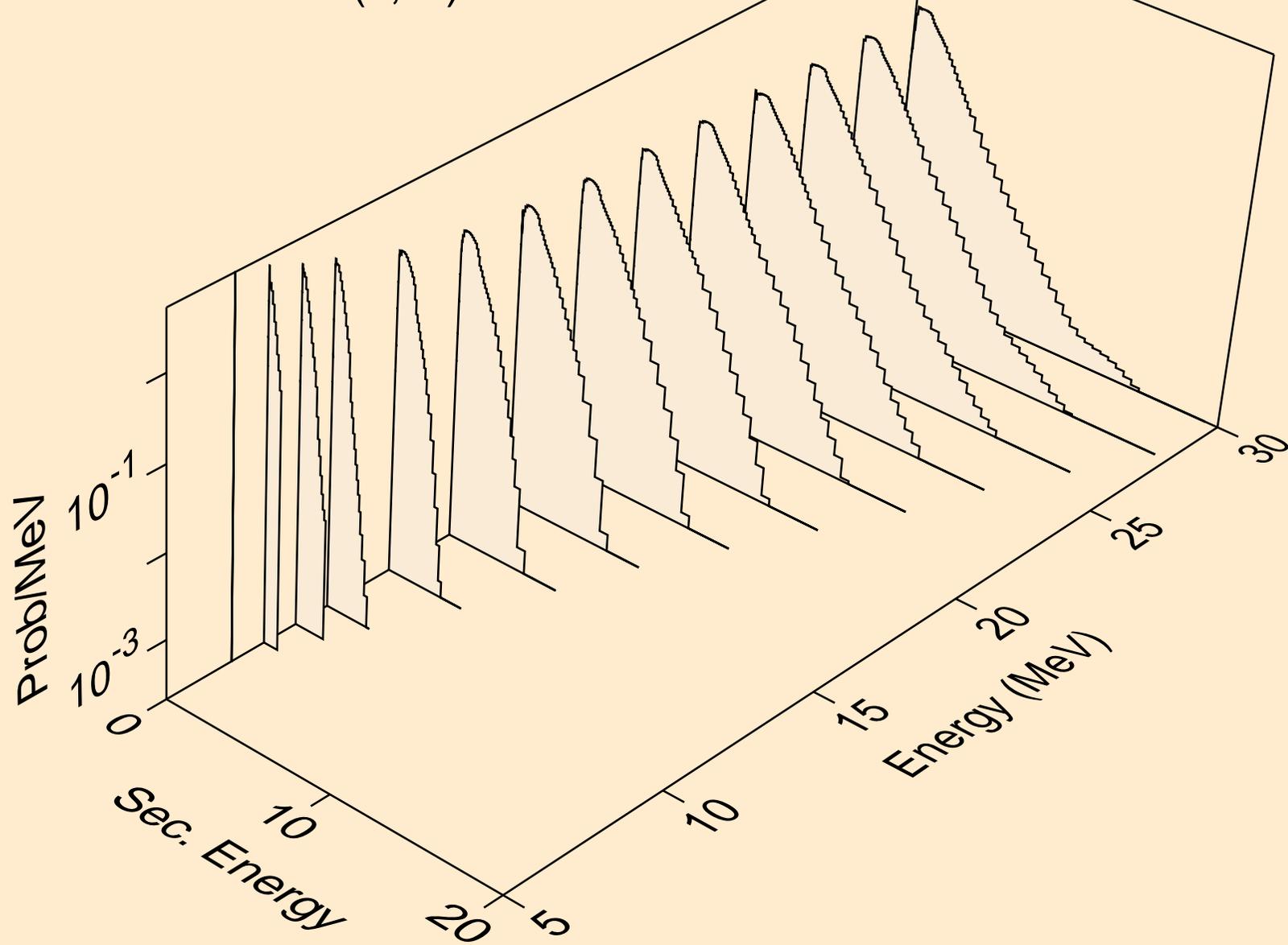
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



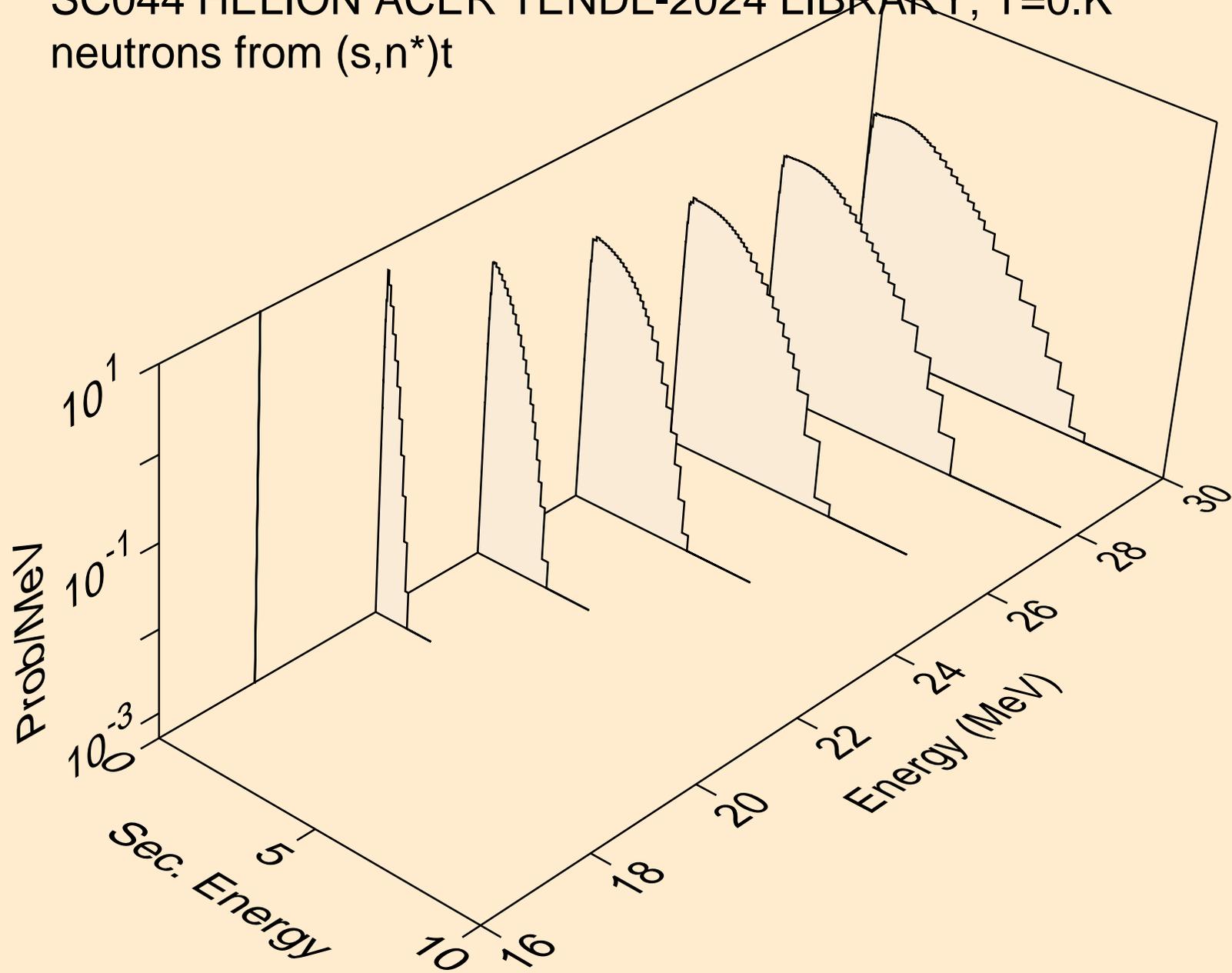
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



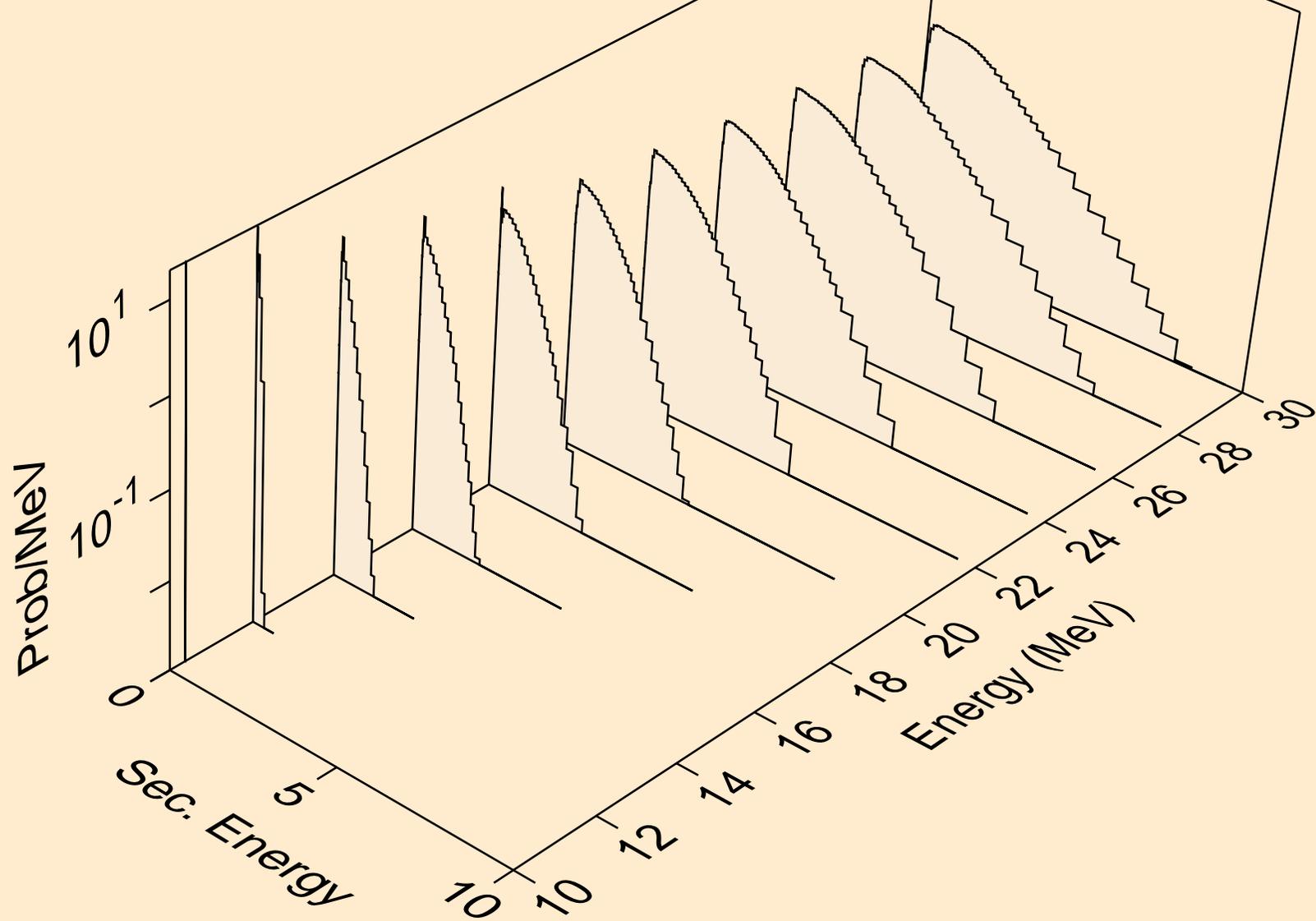
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



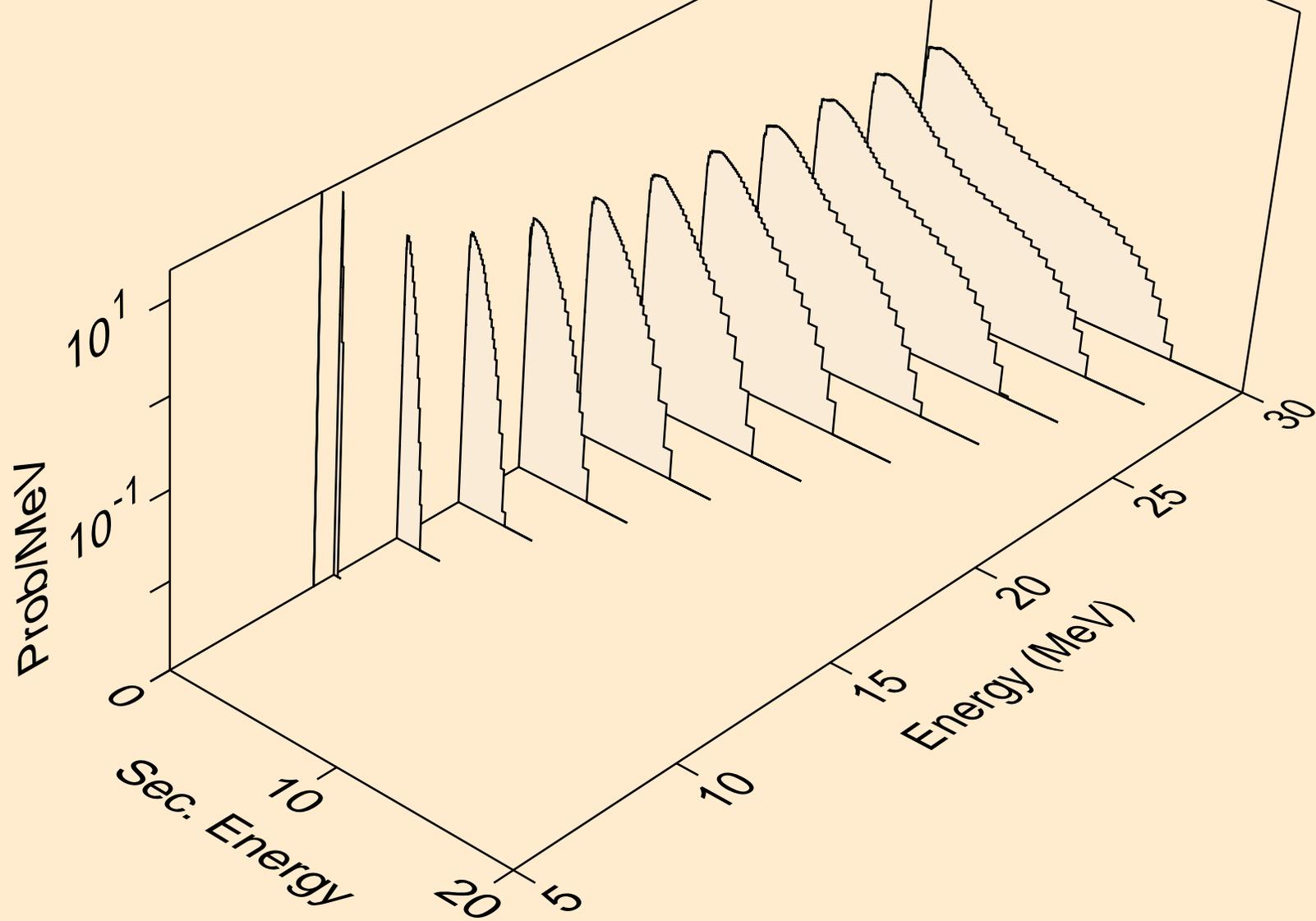
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



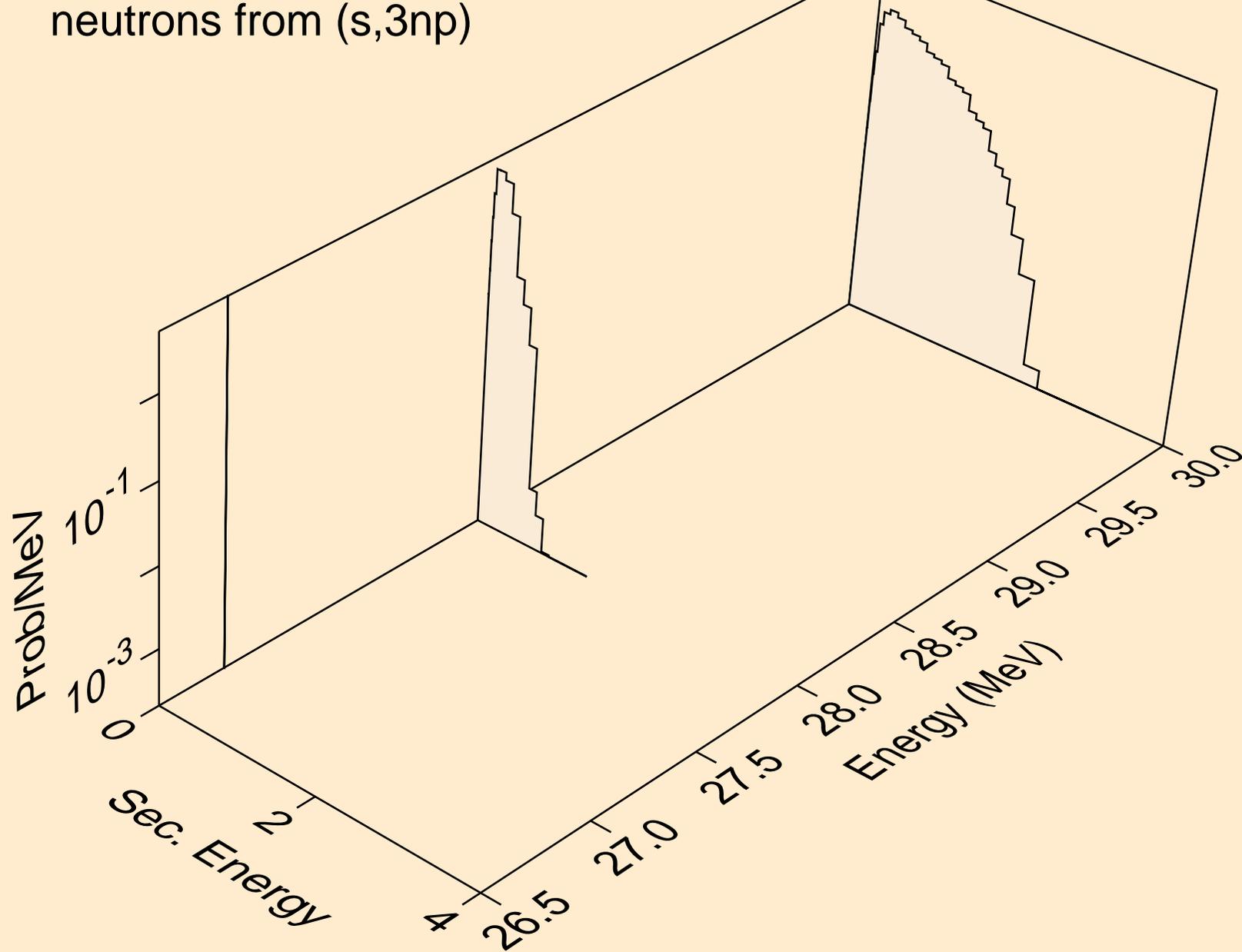
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



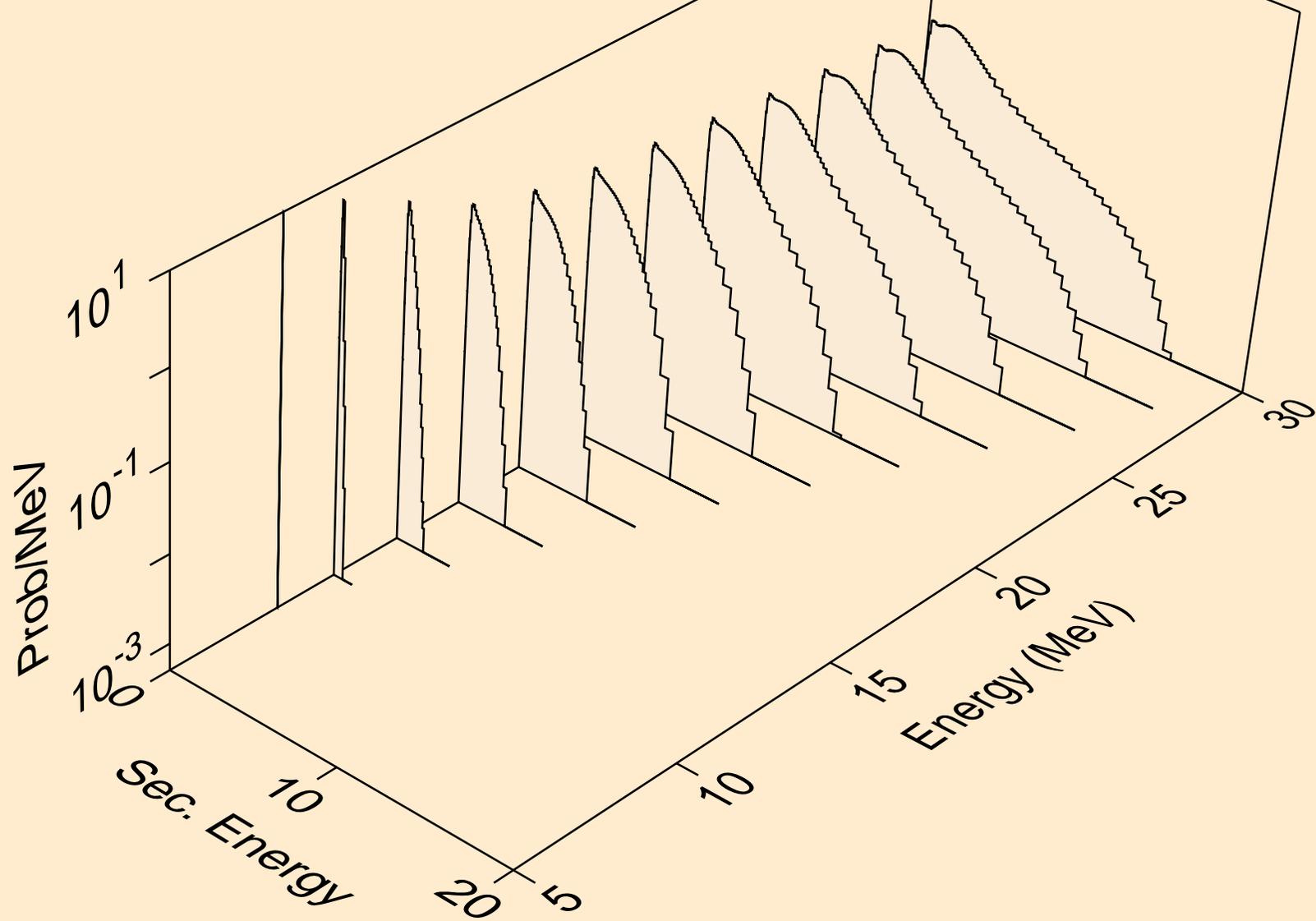
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



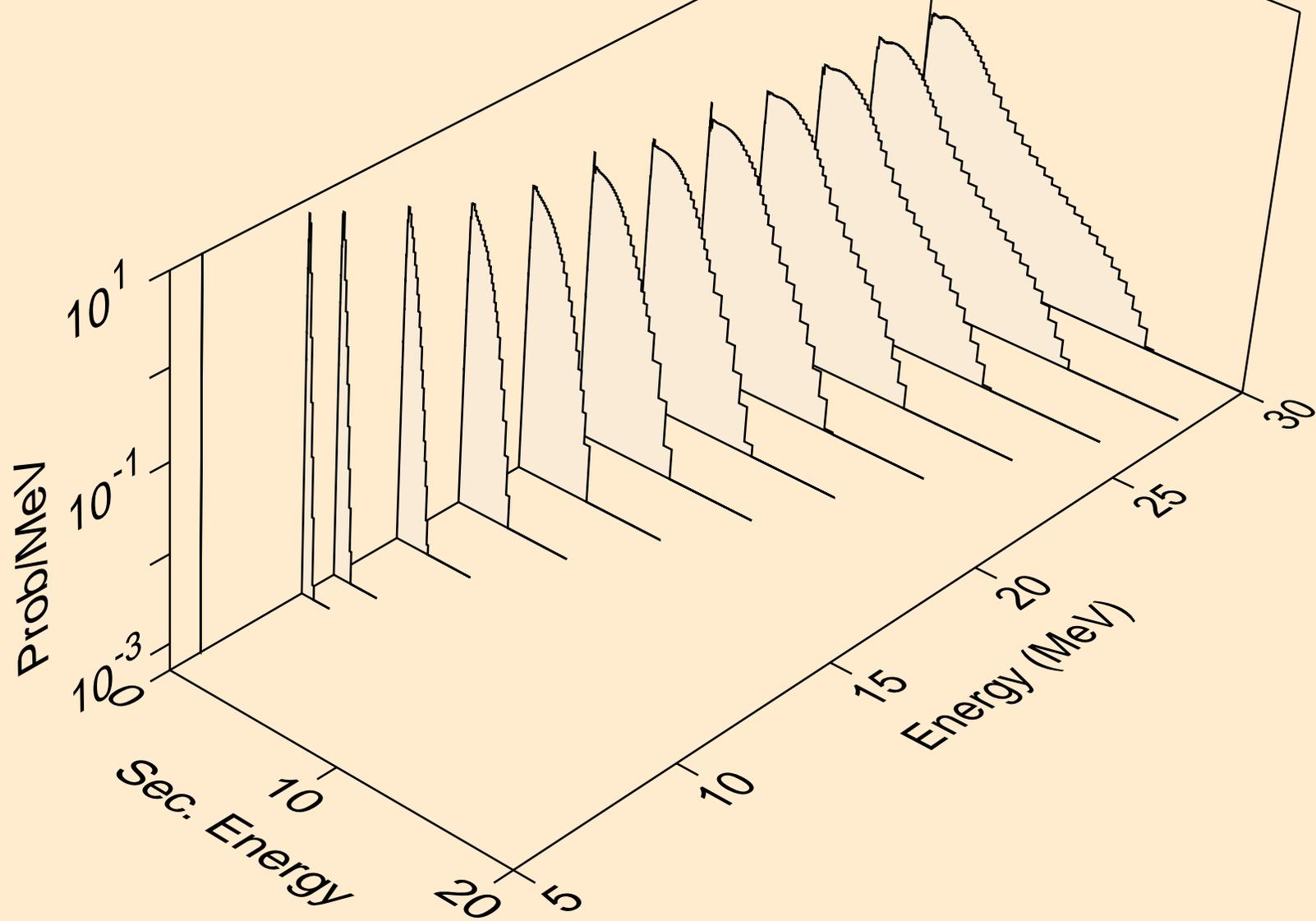
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)



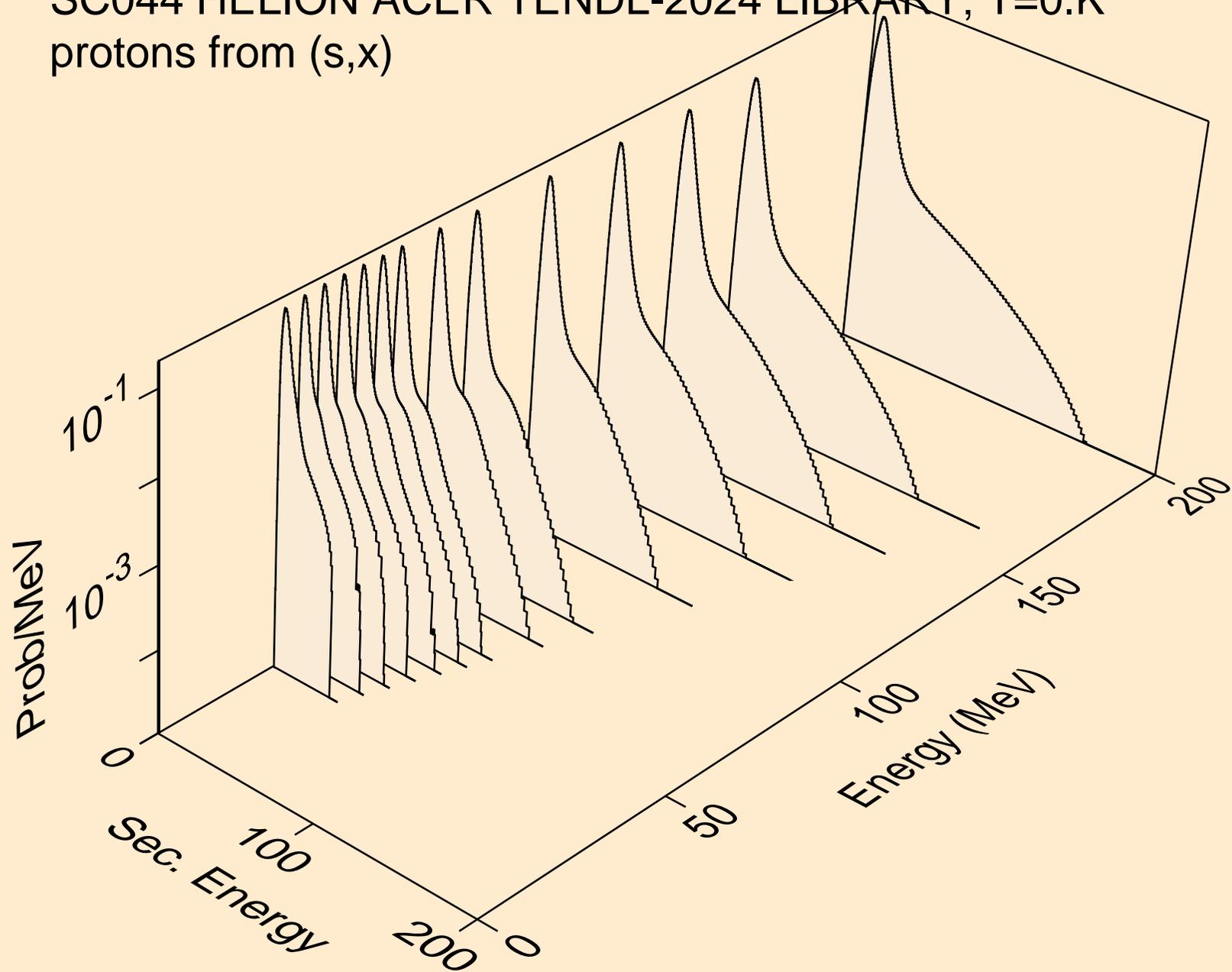
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



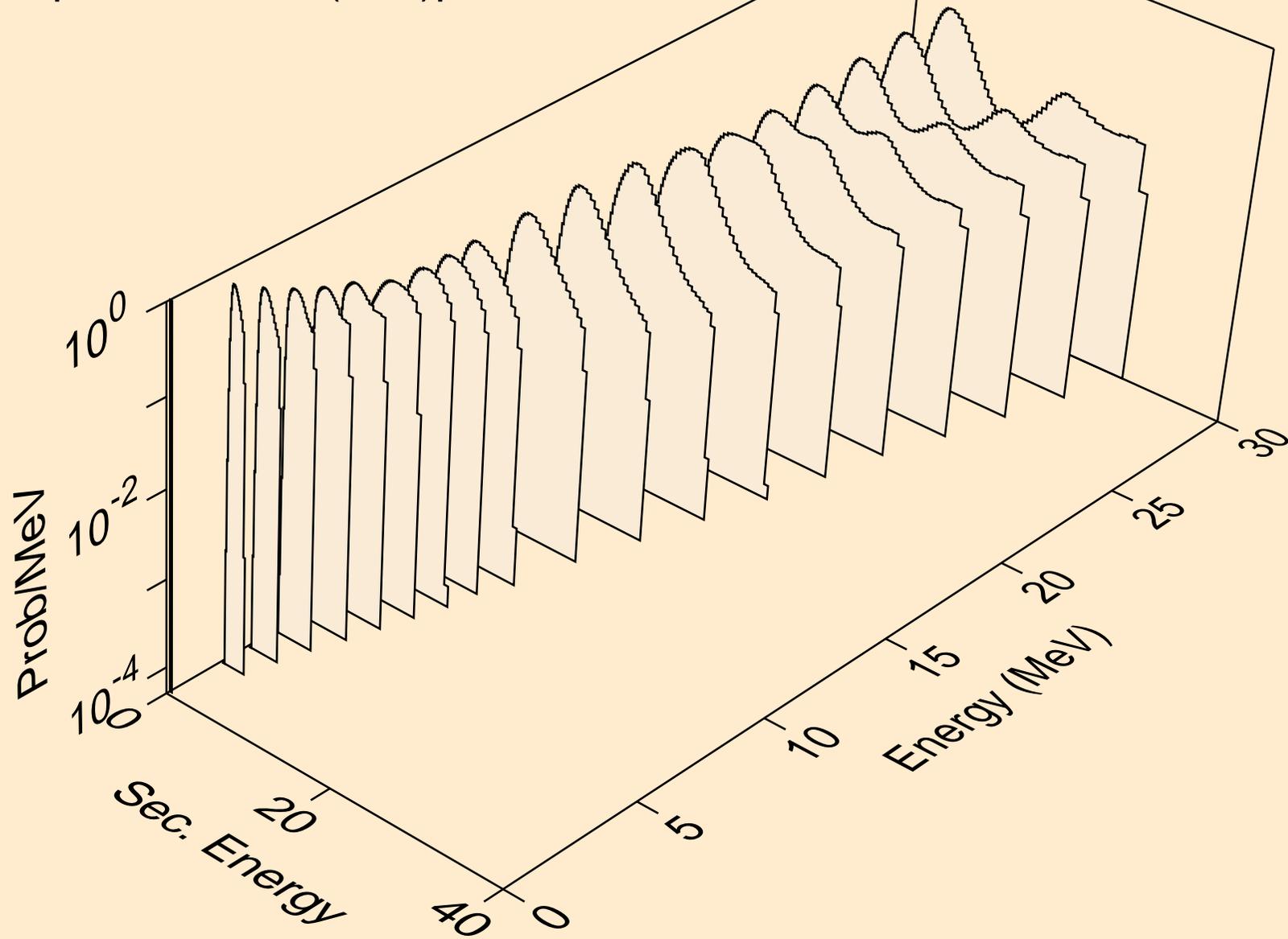
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



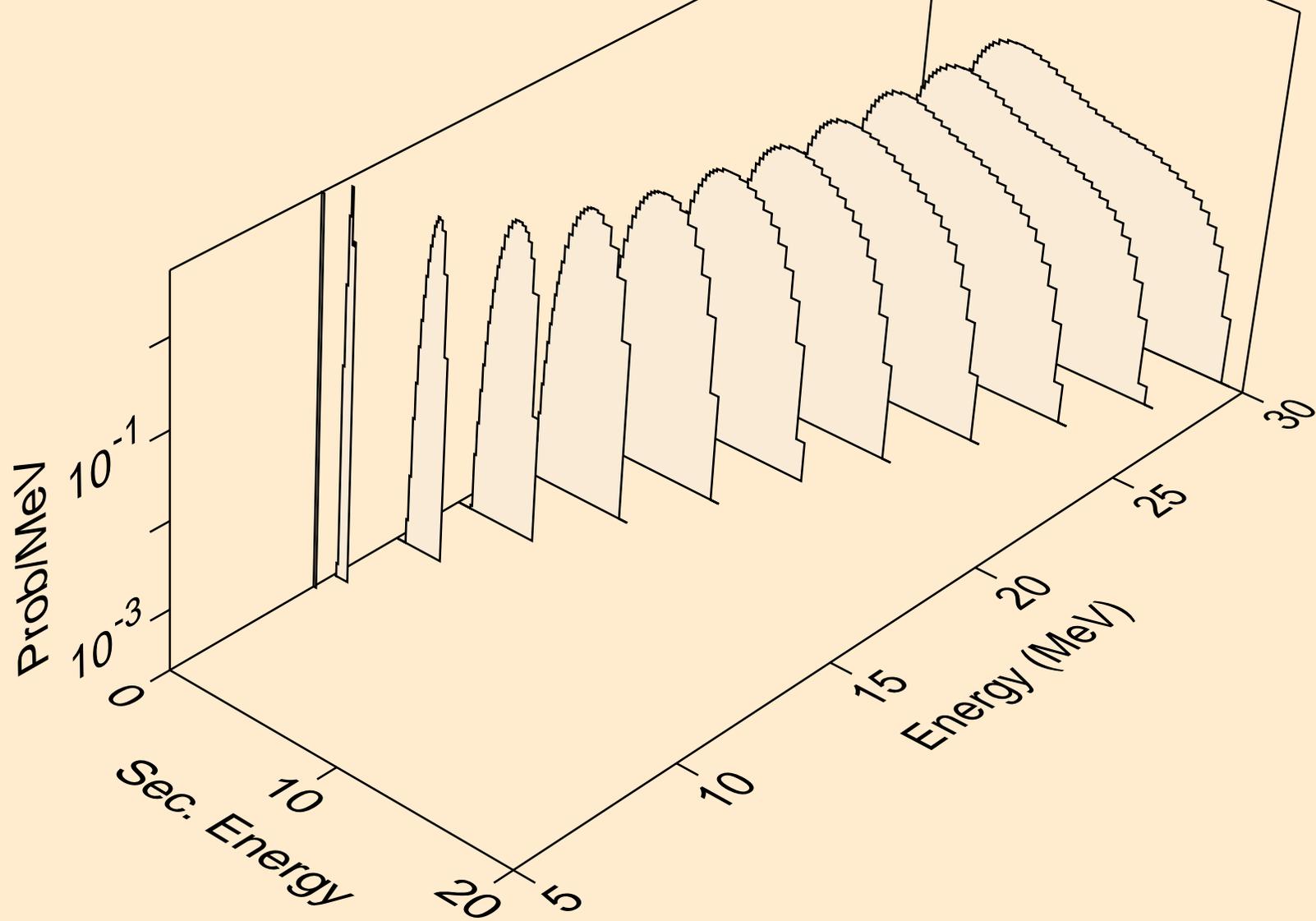
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



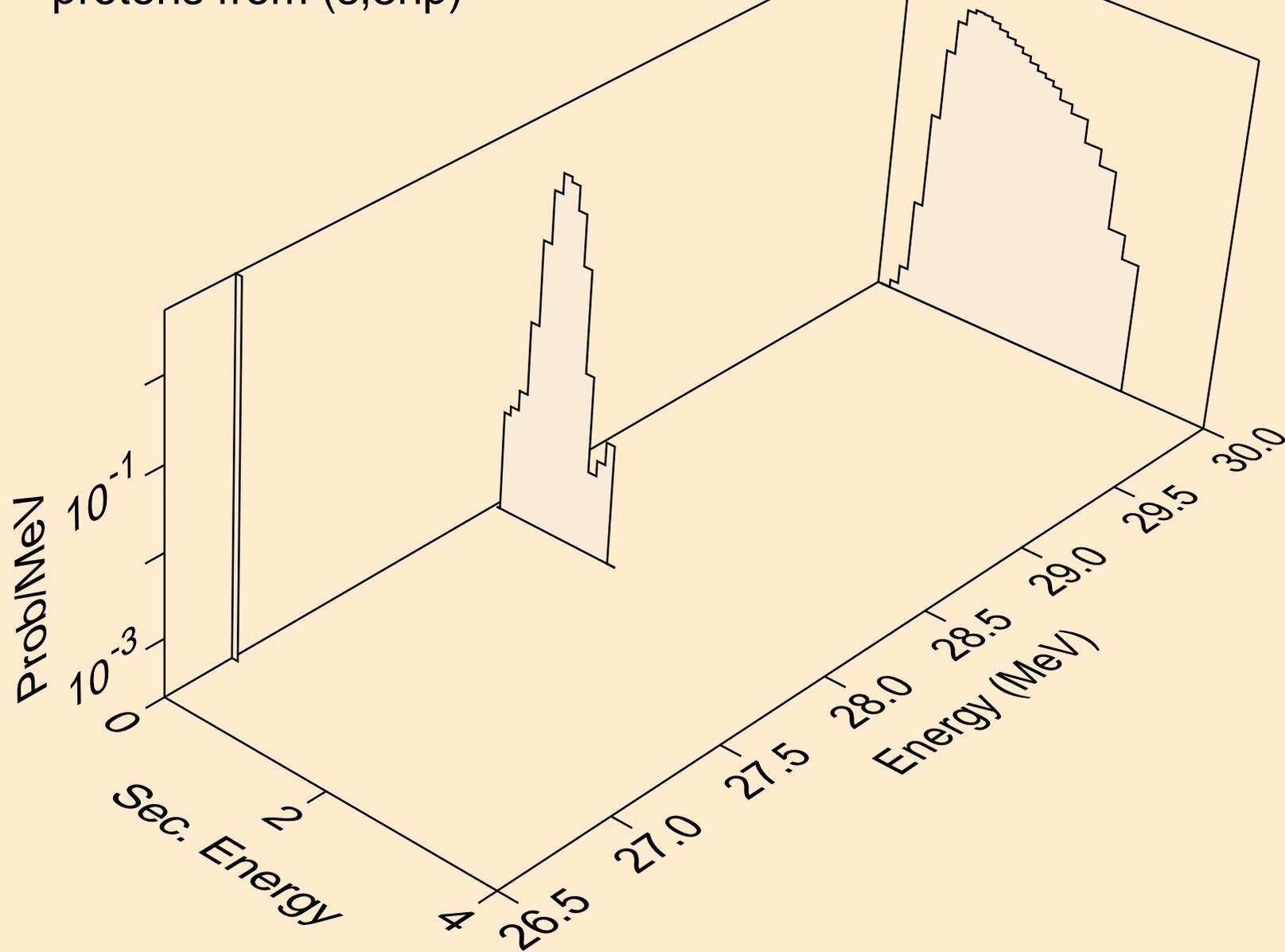
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



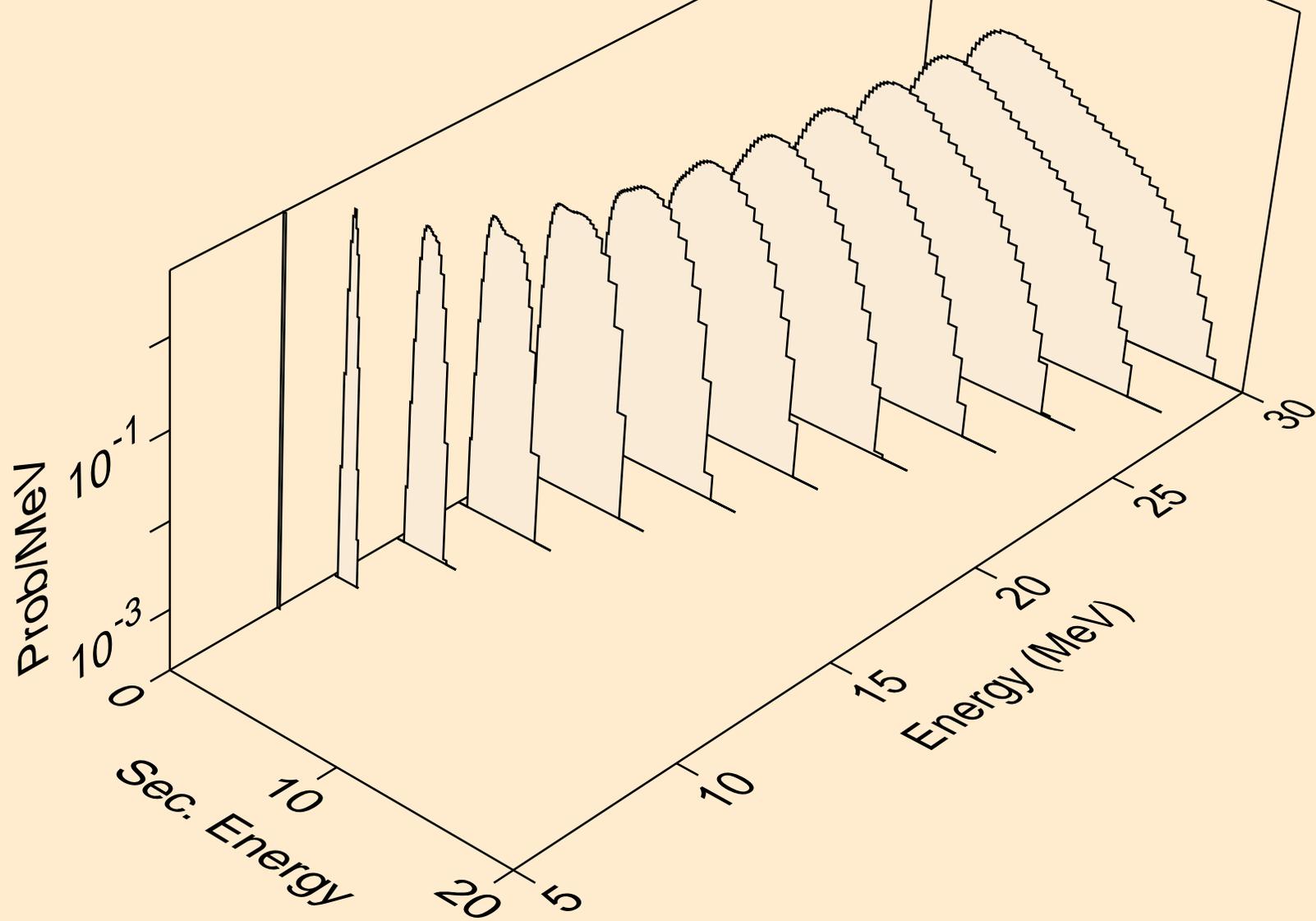
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



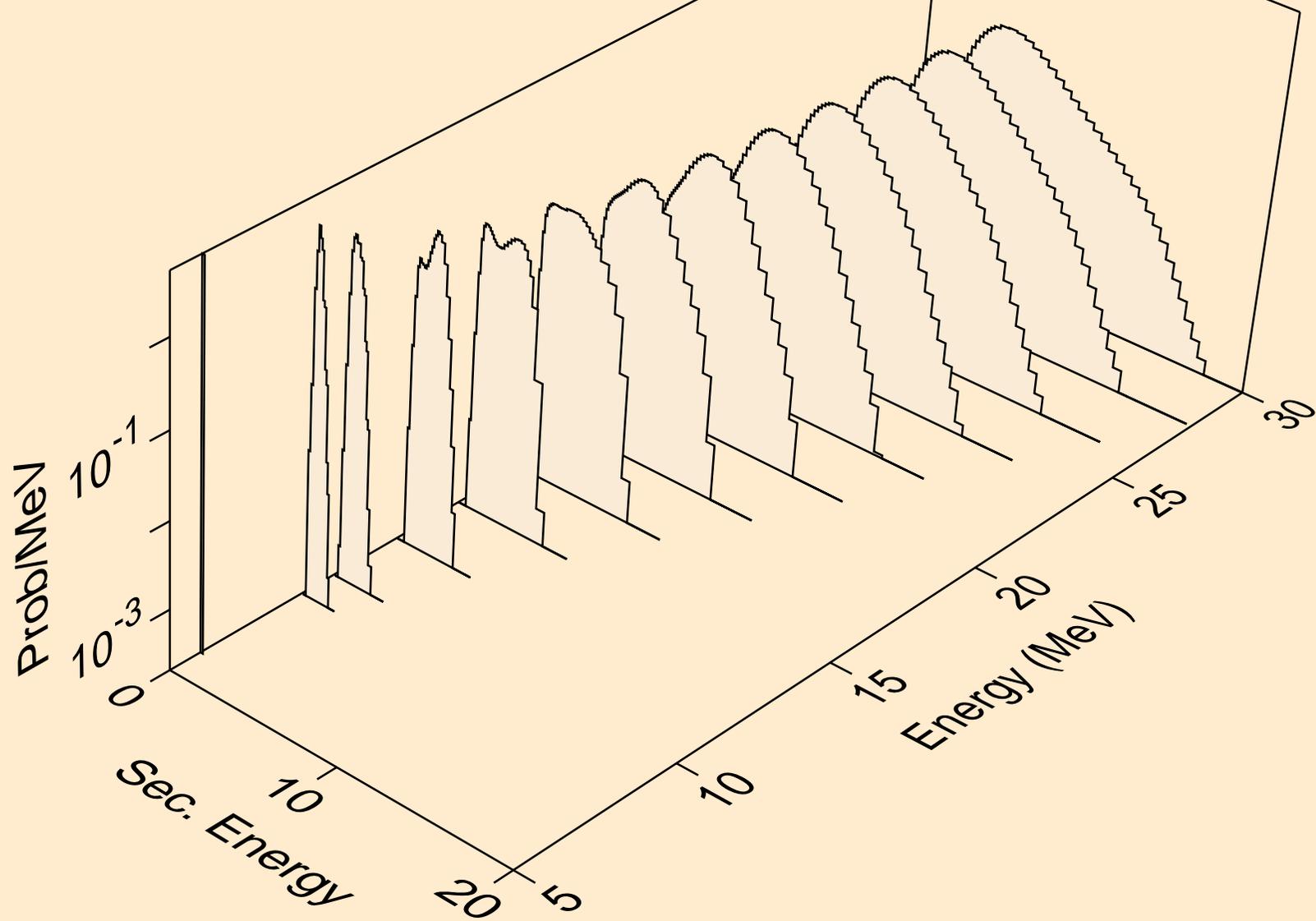
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)



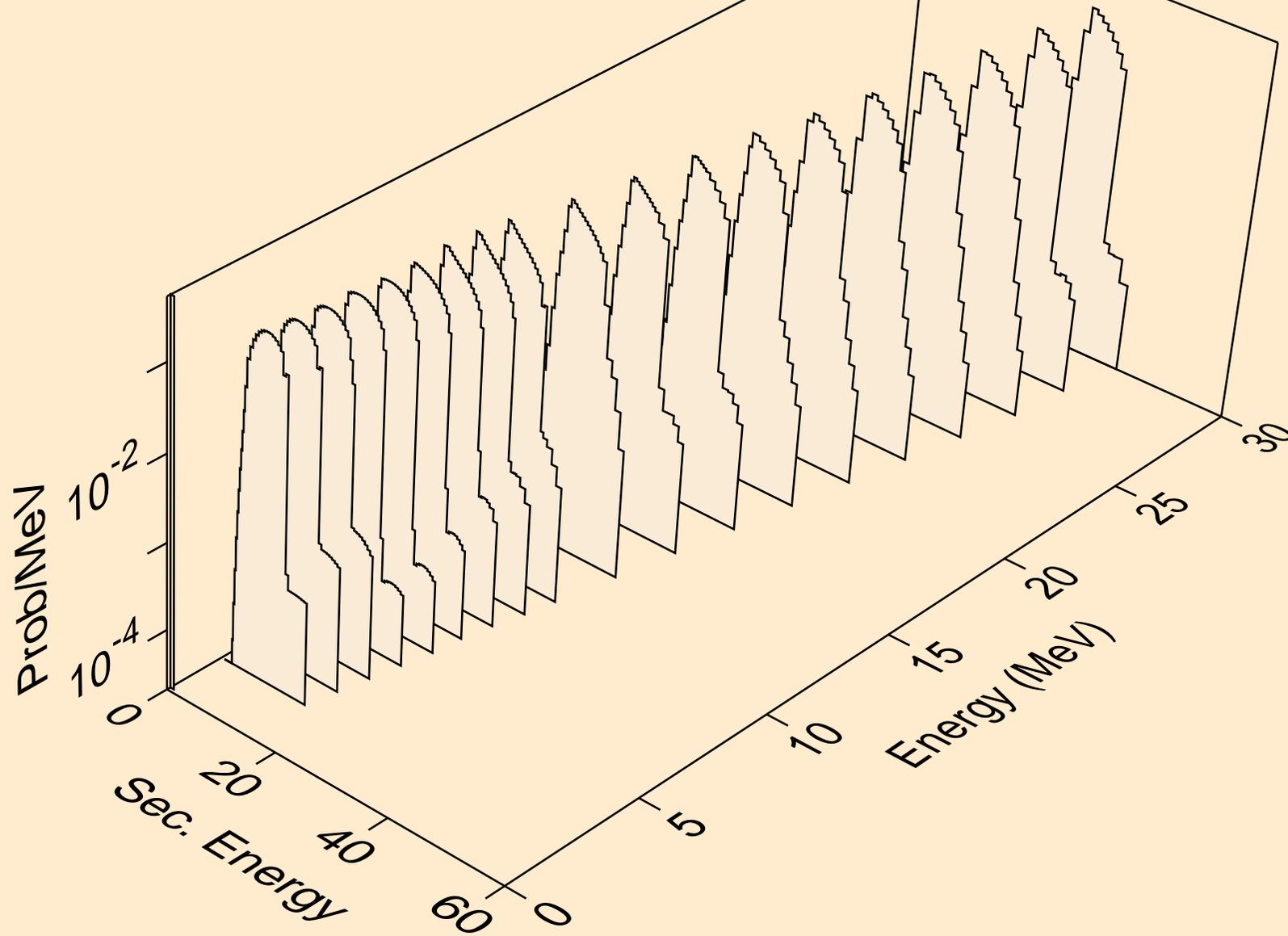
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



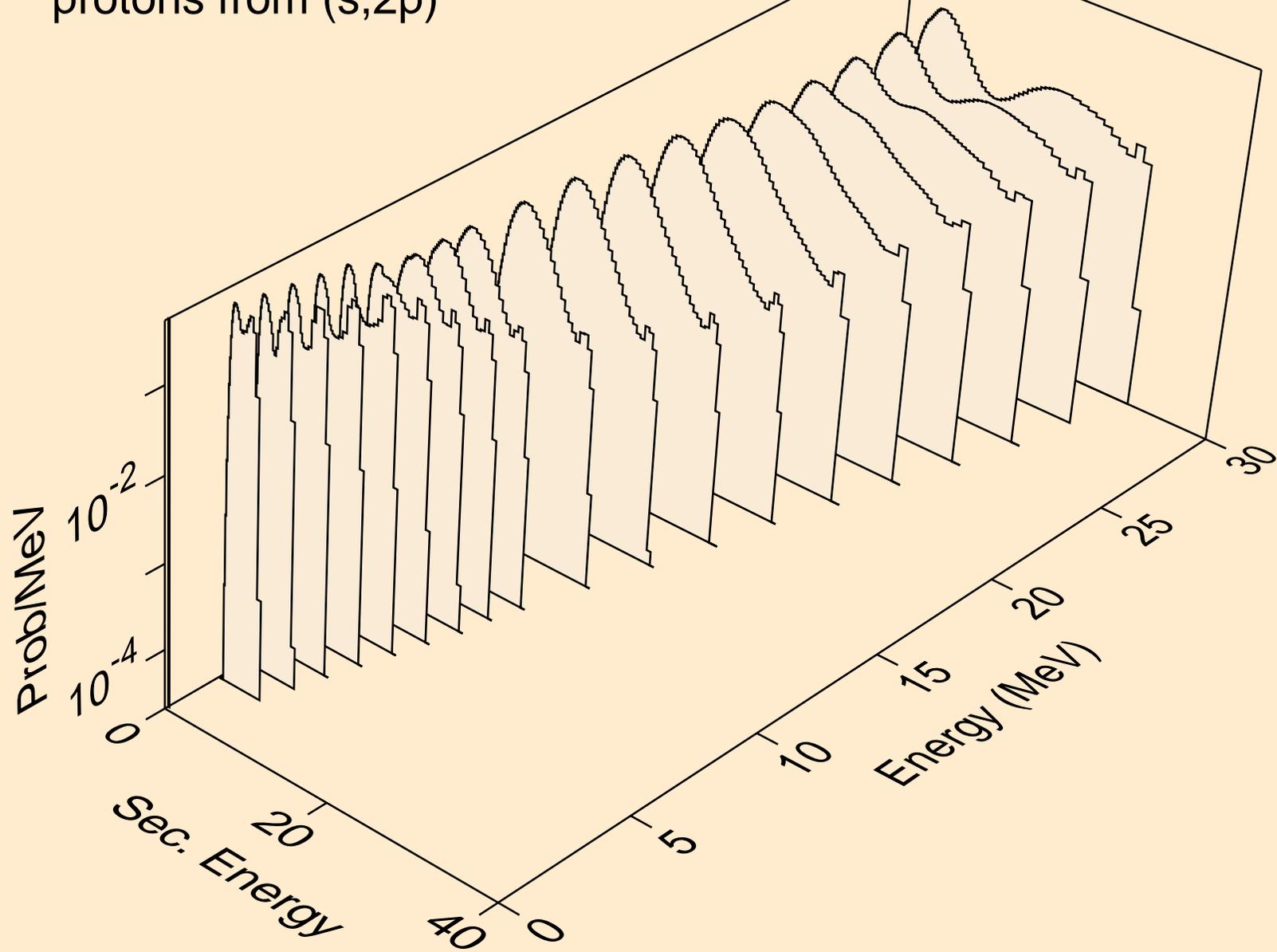
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)



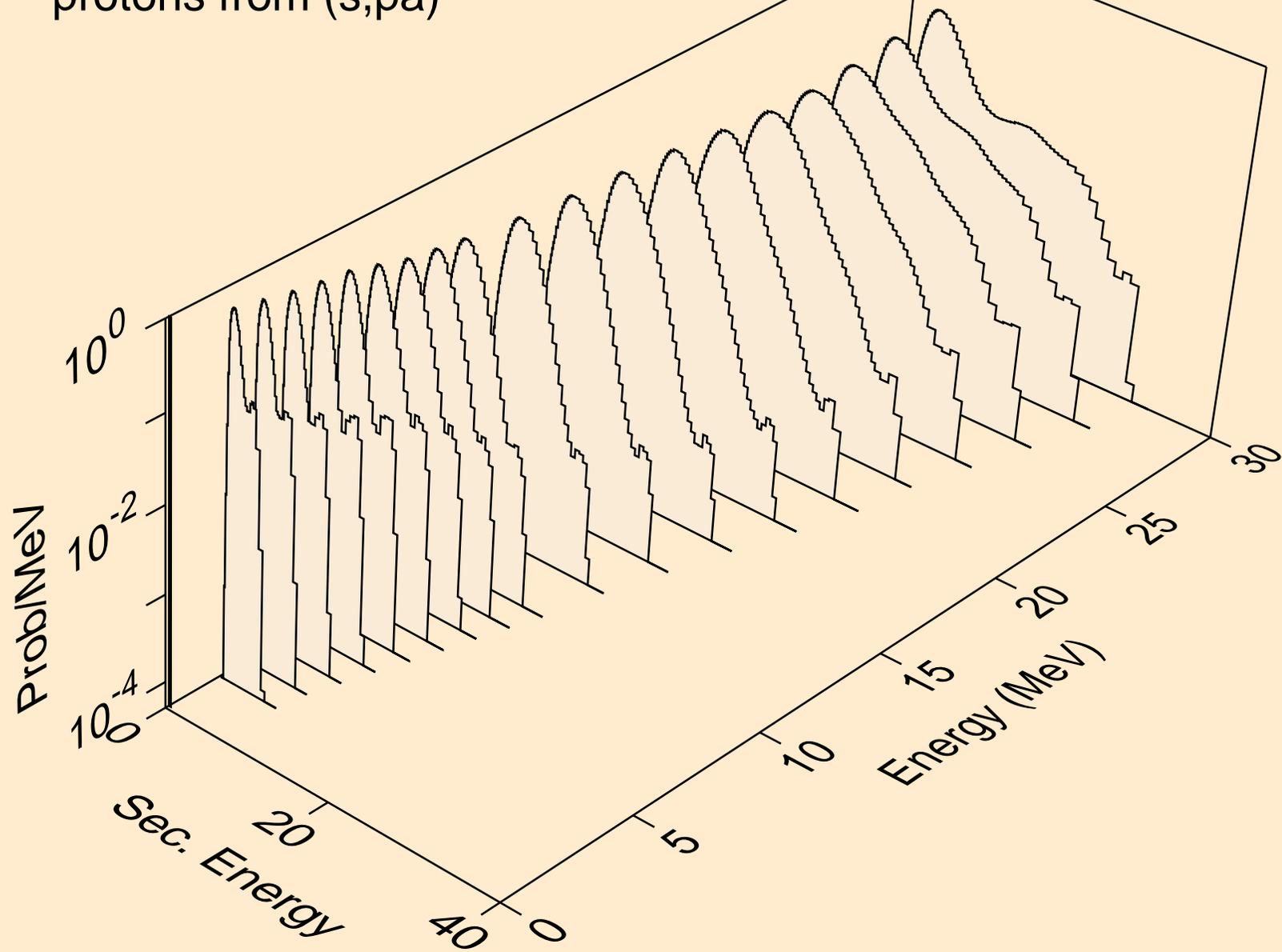
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



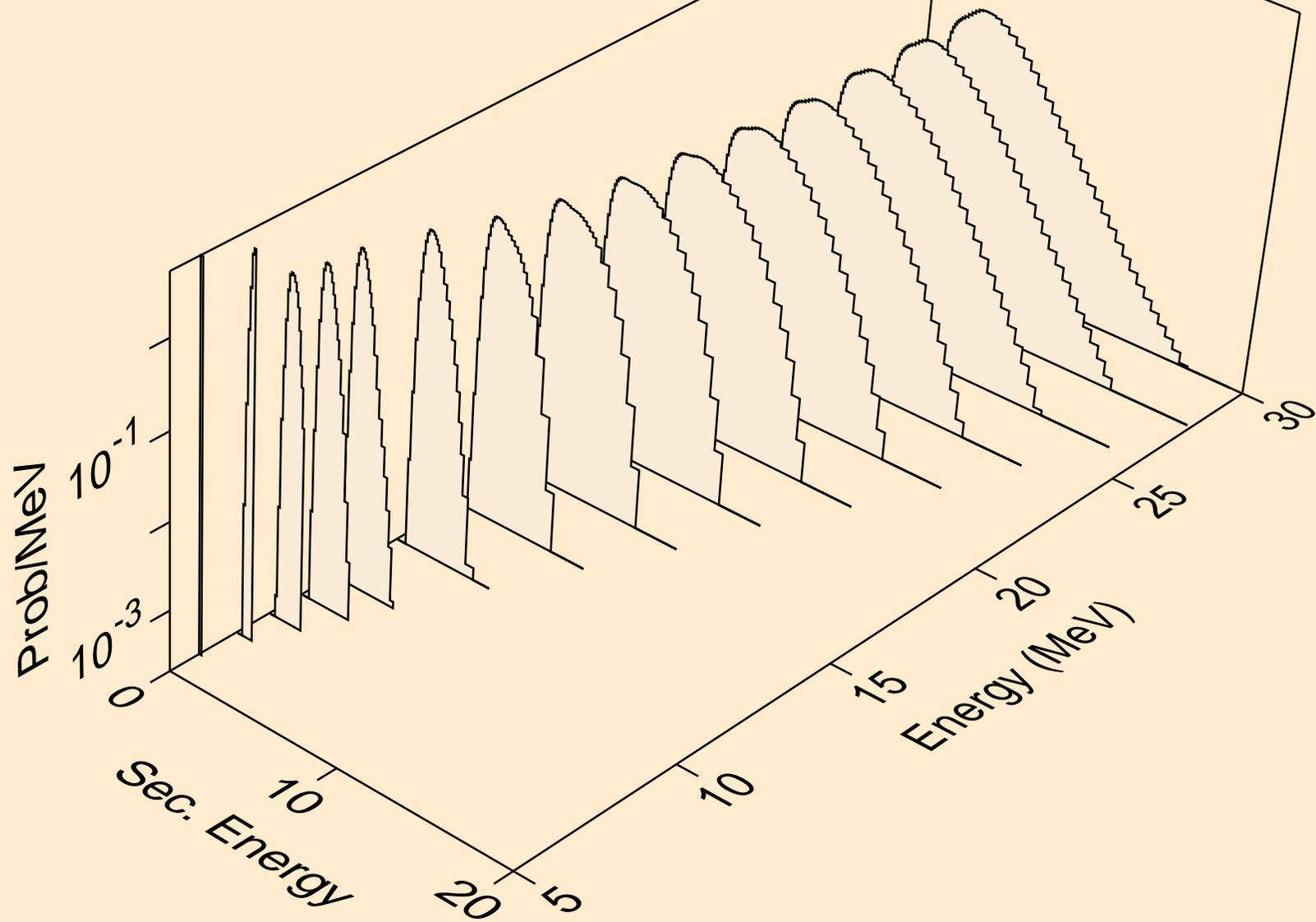
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



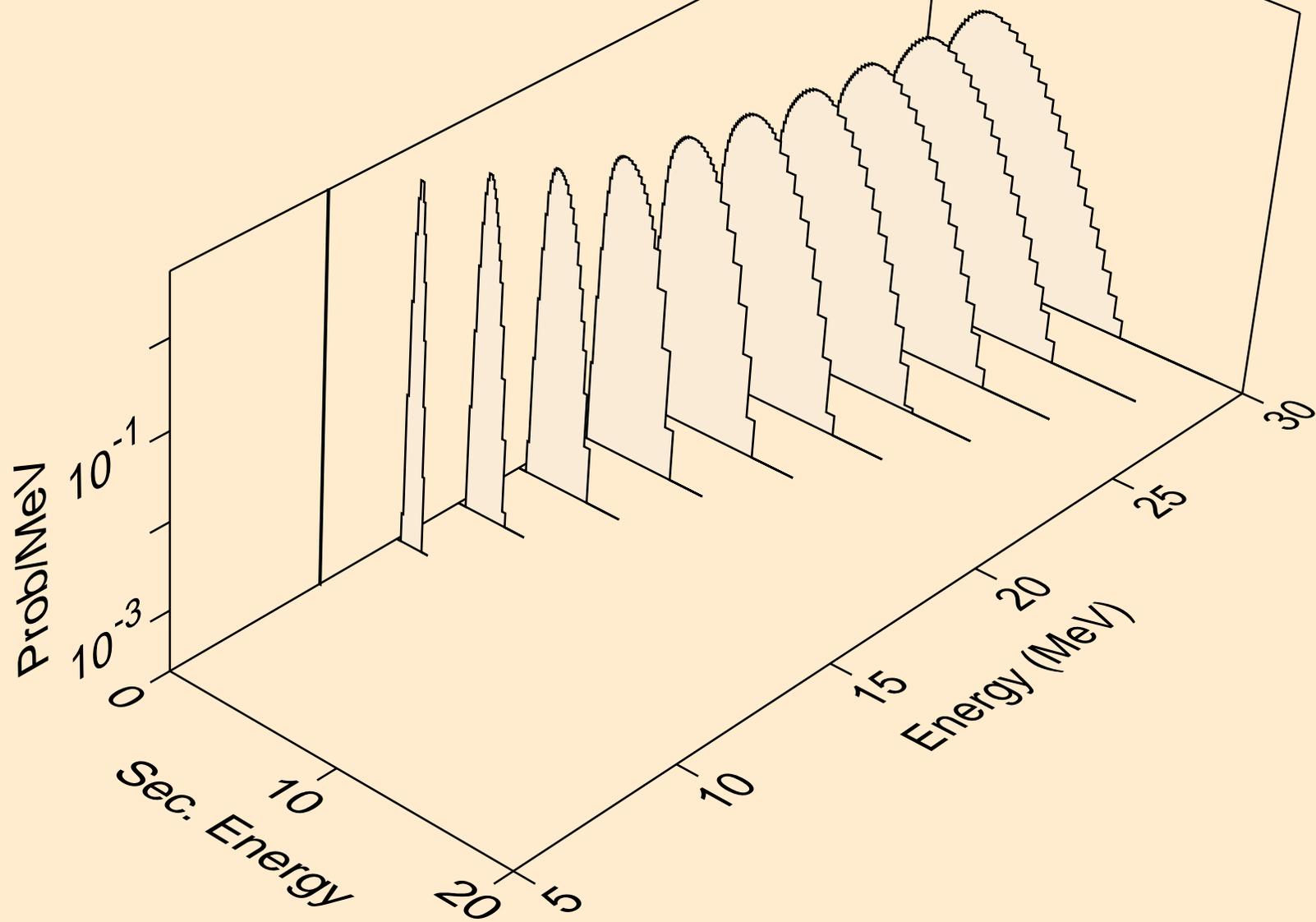
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



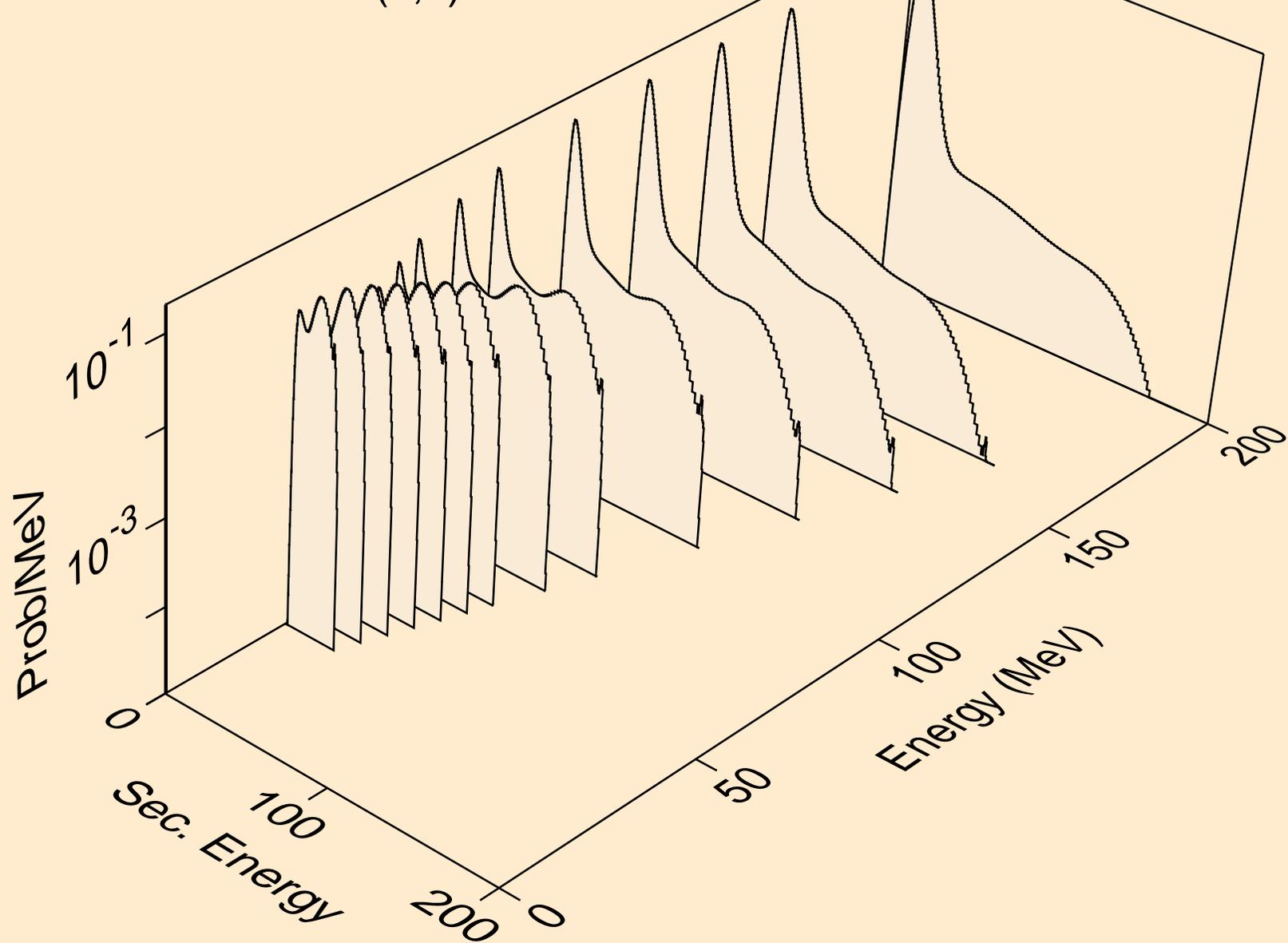
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)



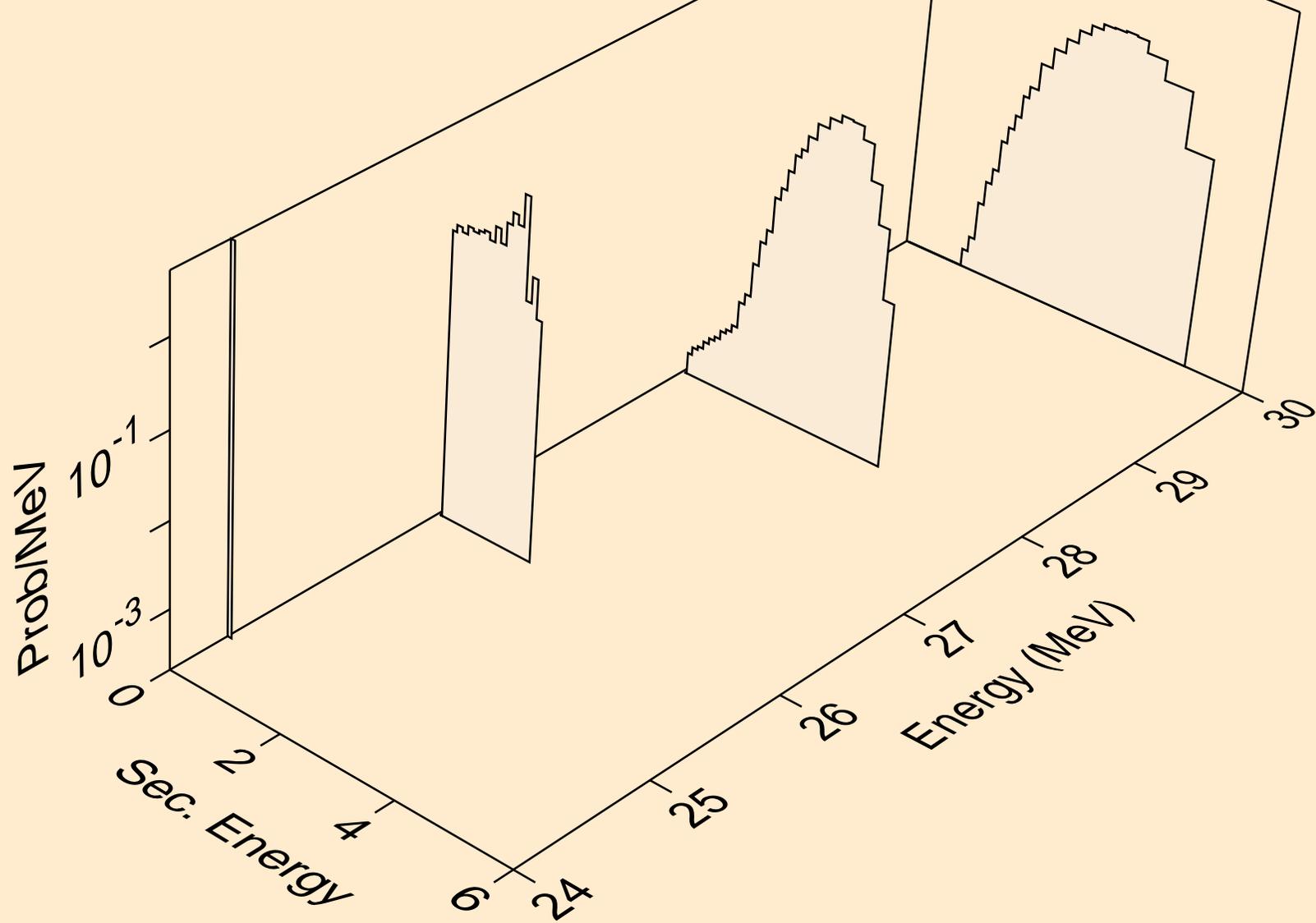
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)



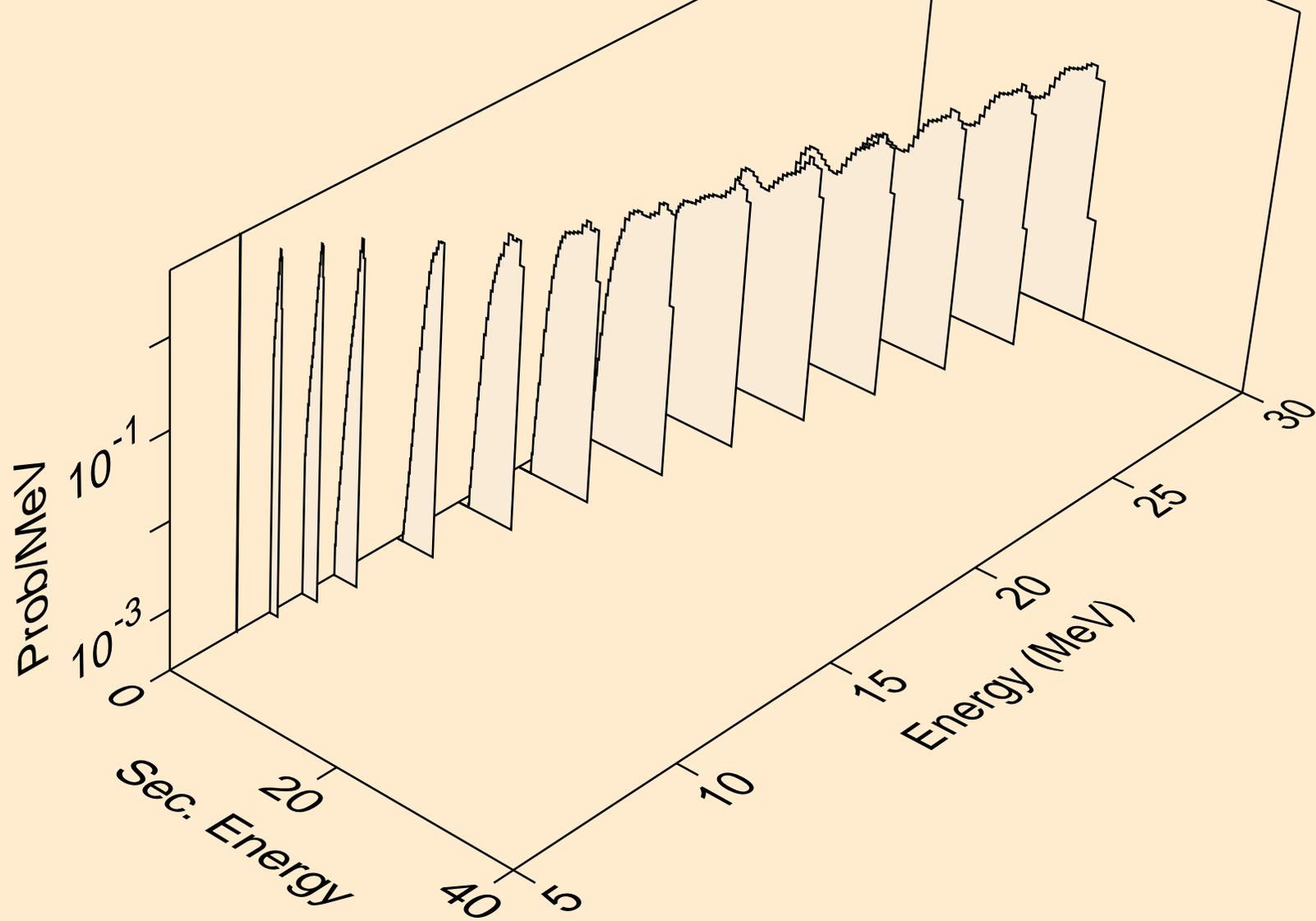
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



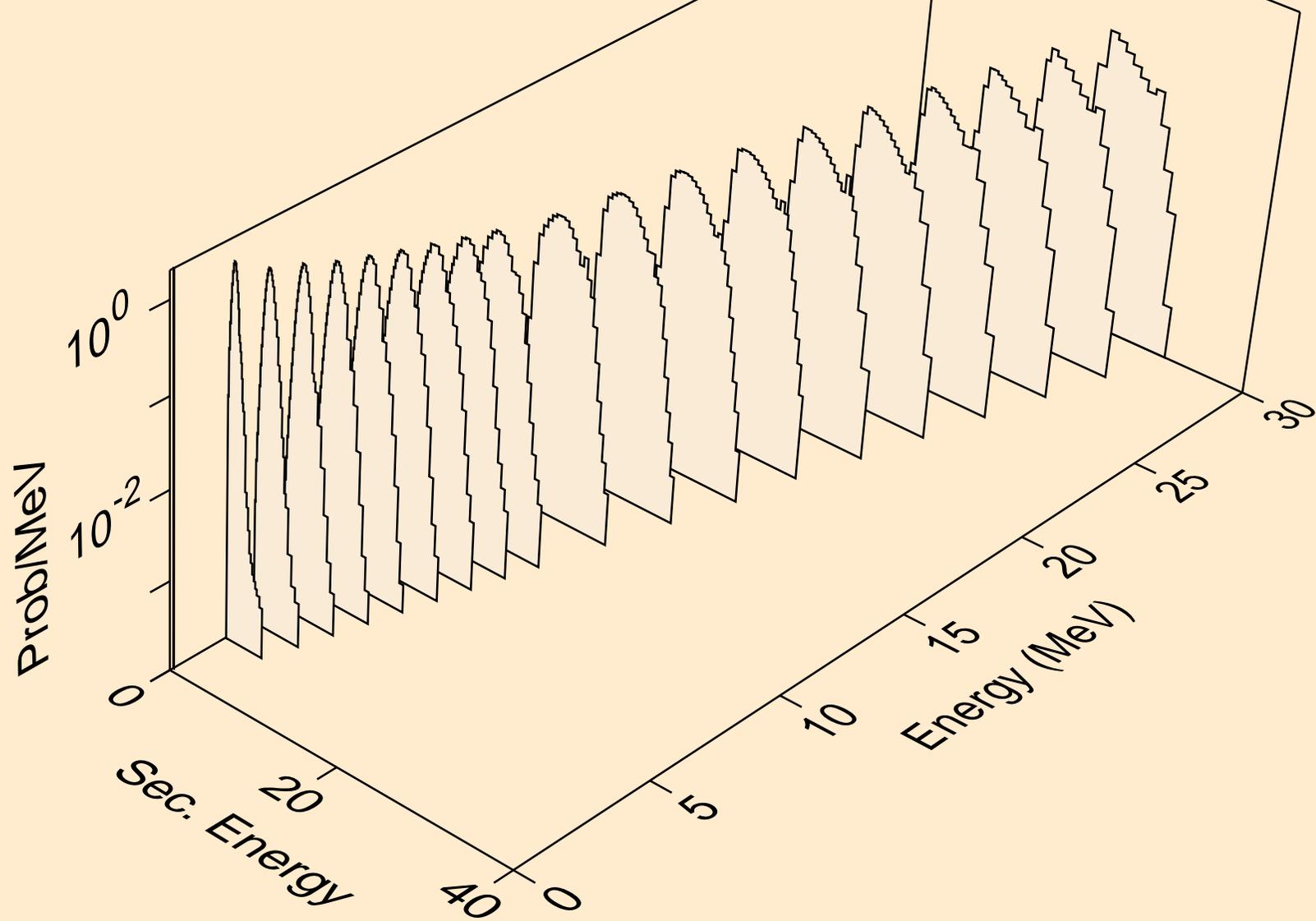
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,2nd)



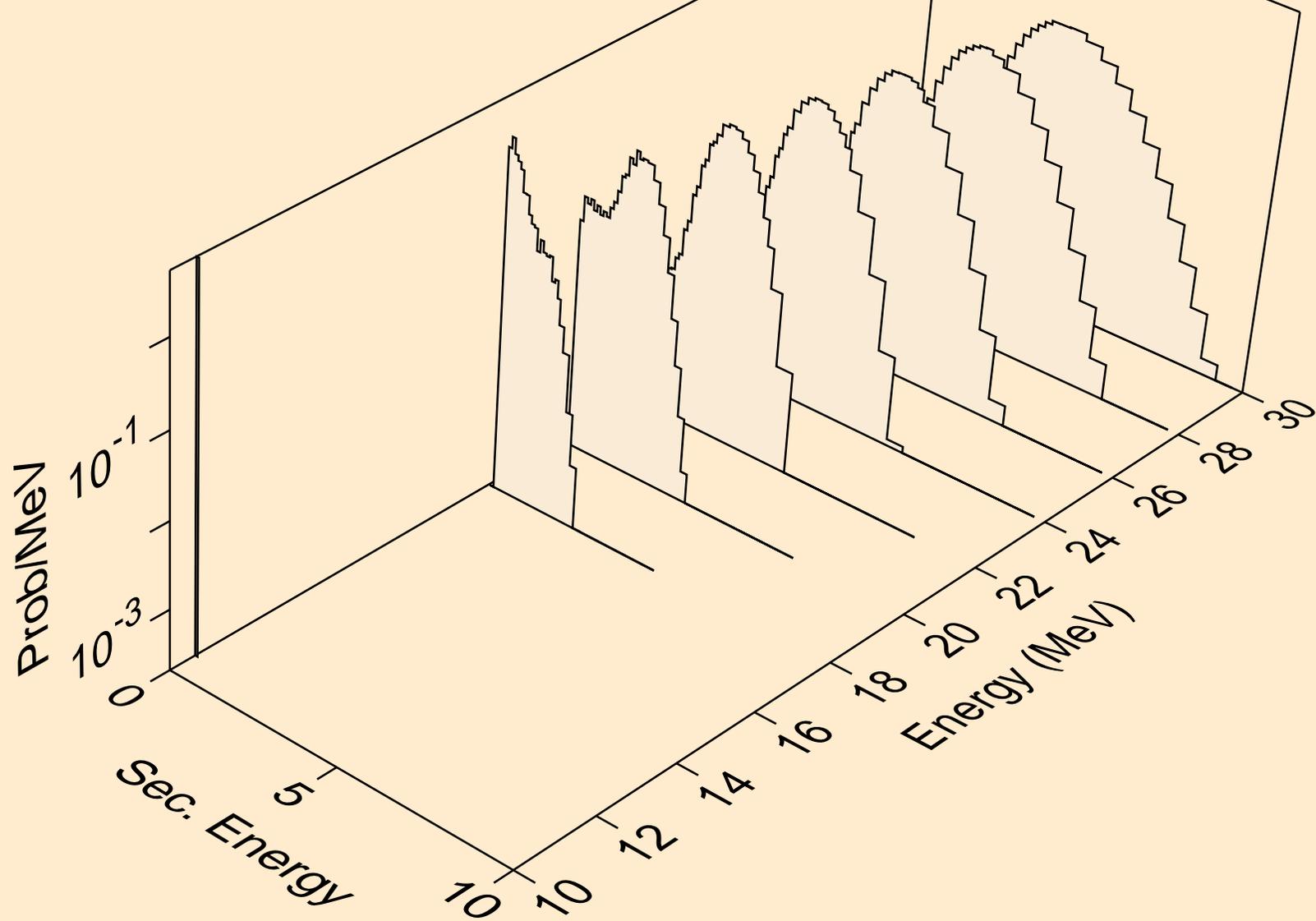
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



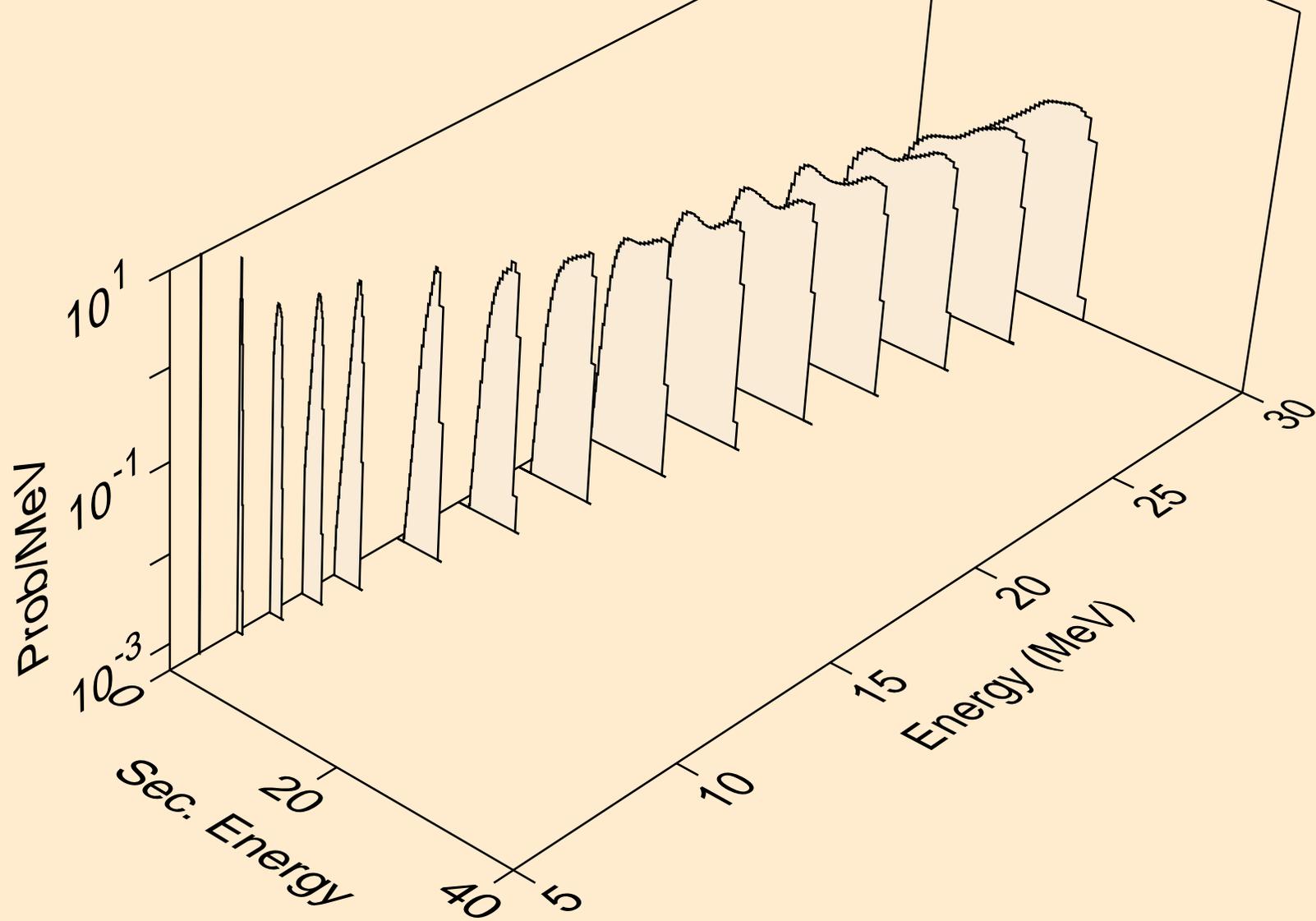
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)



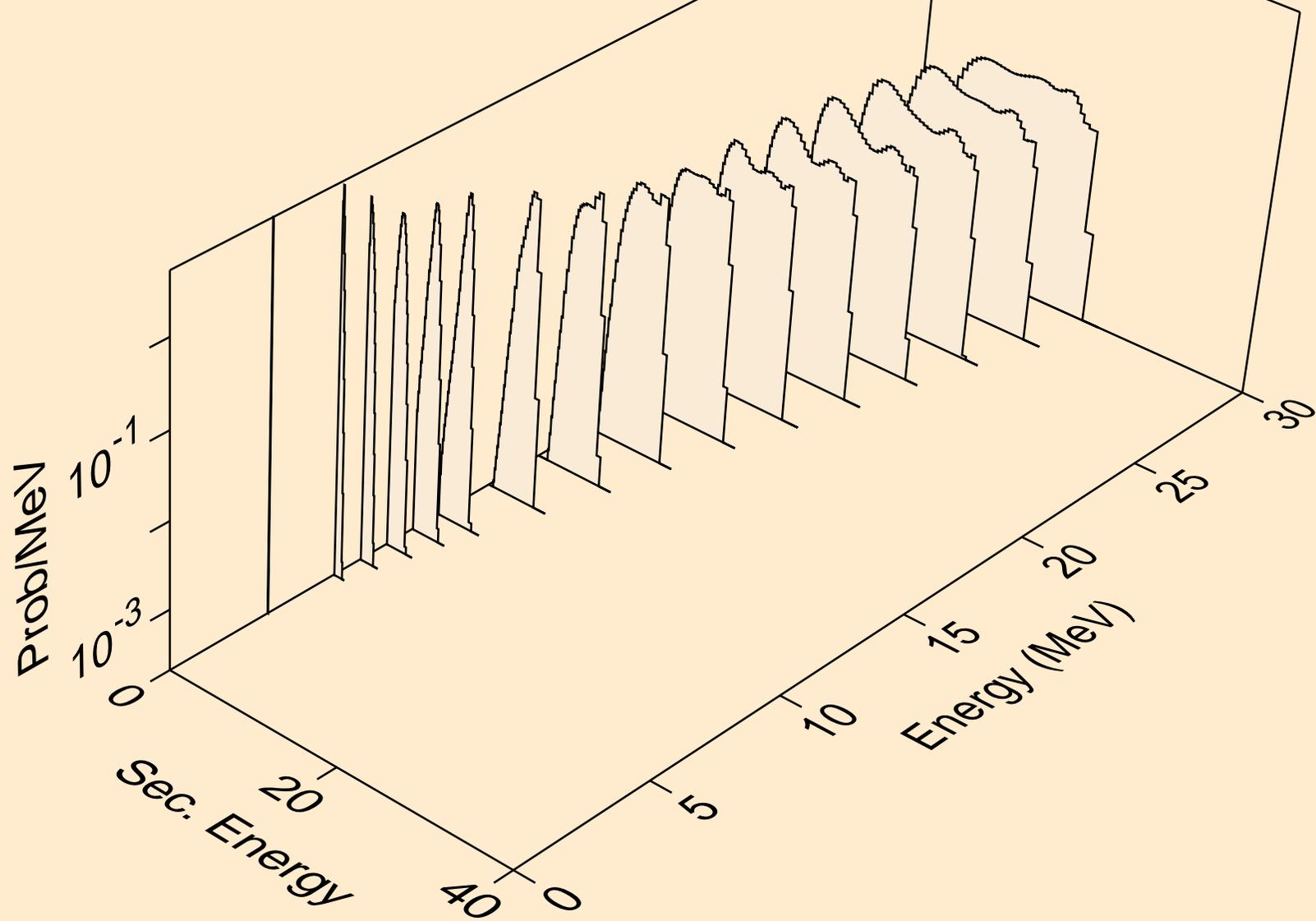
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d2a)



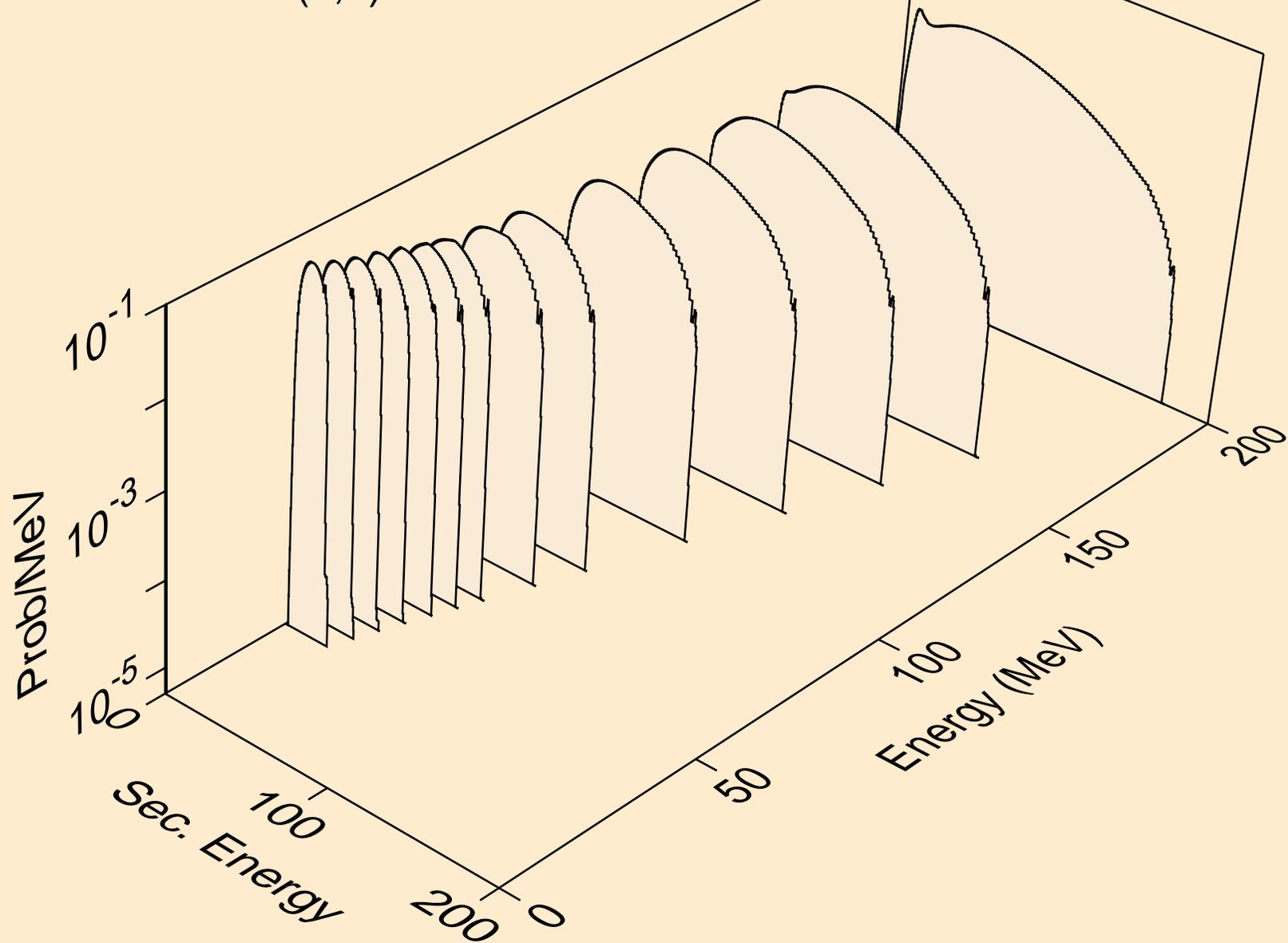
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



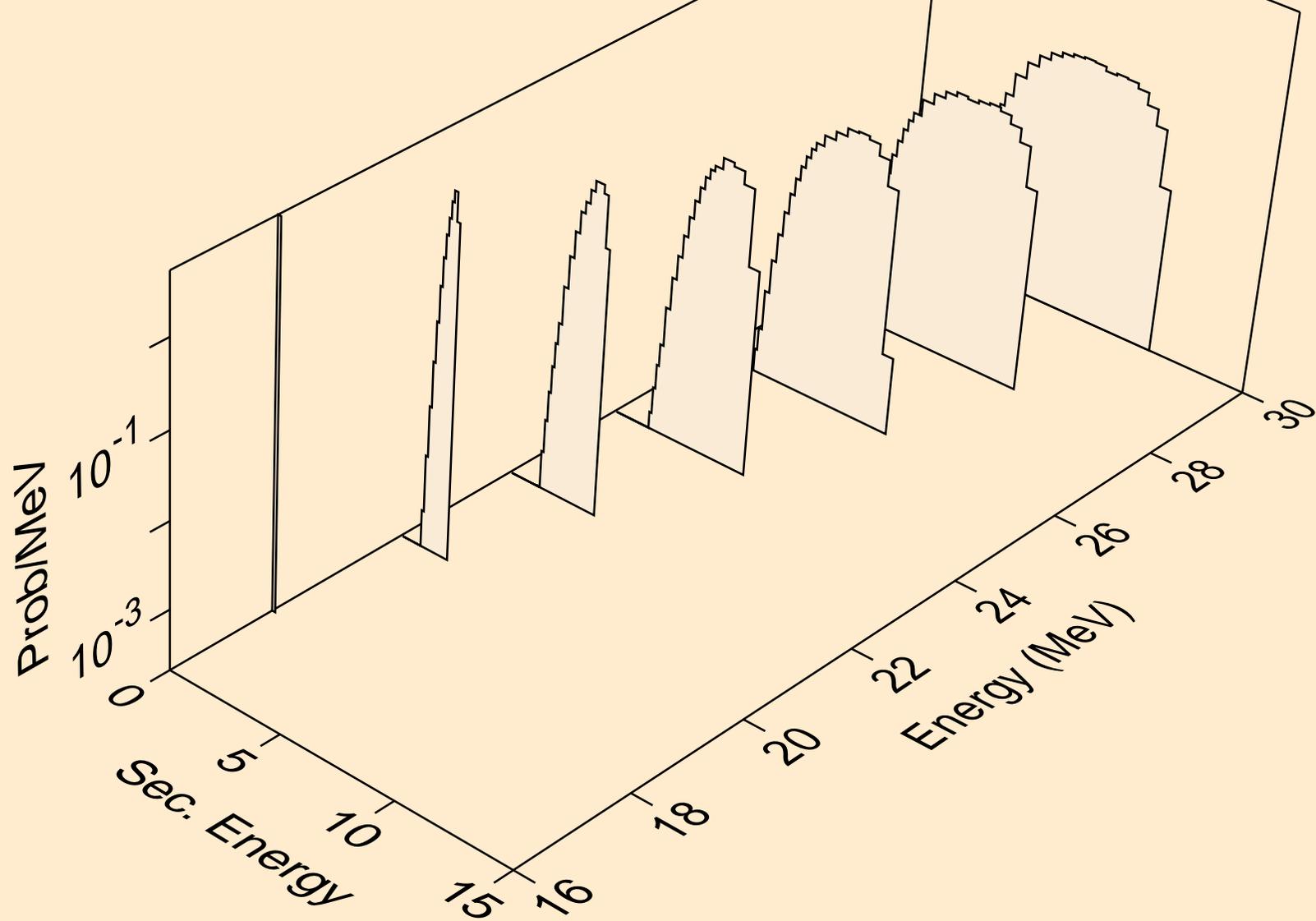
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,da)



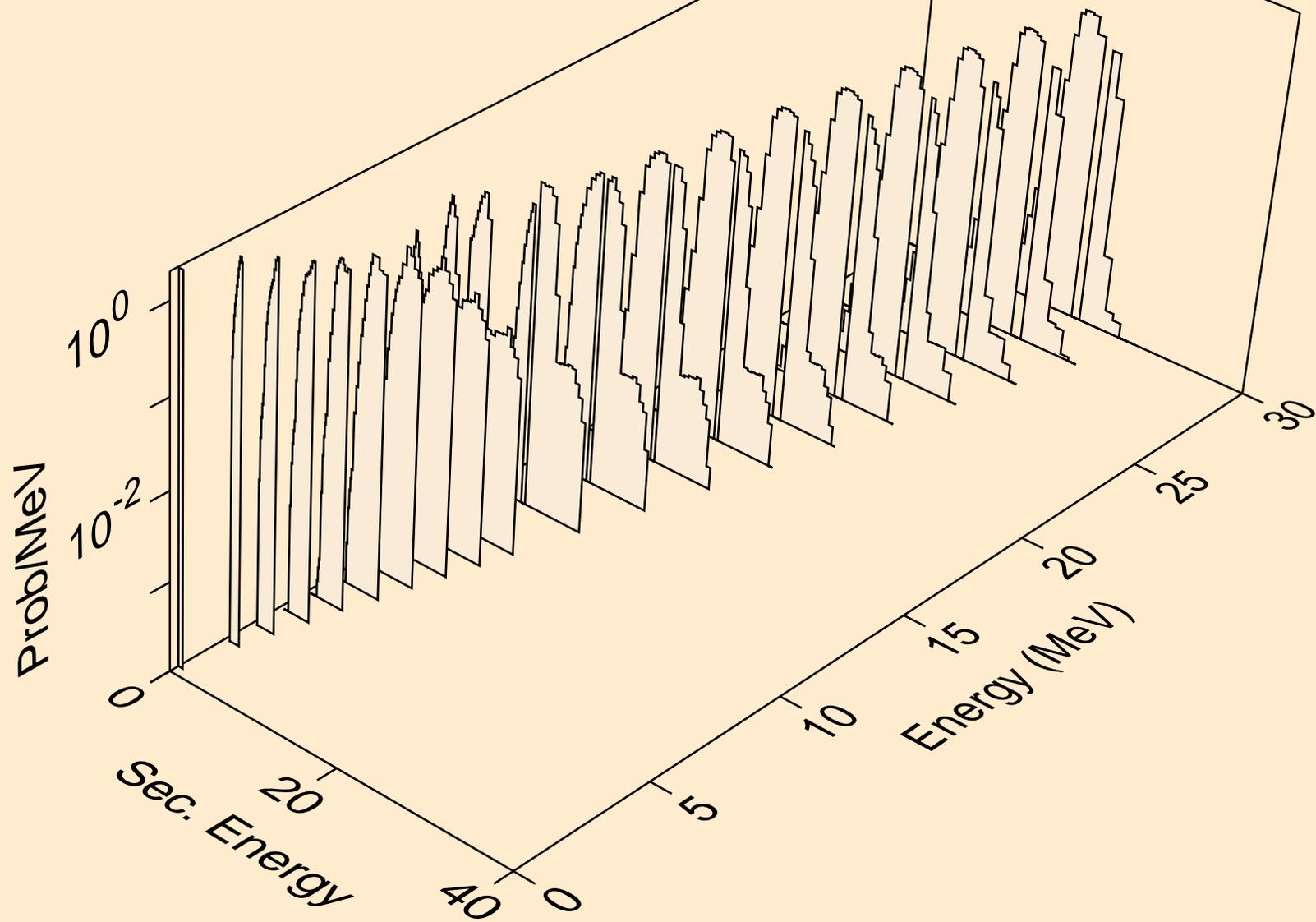
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



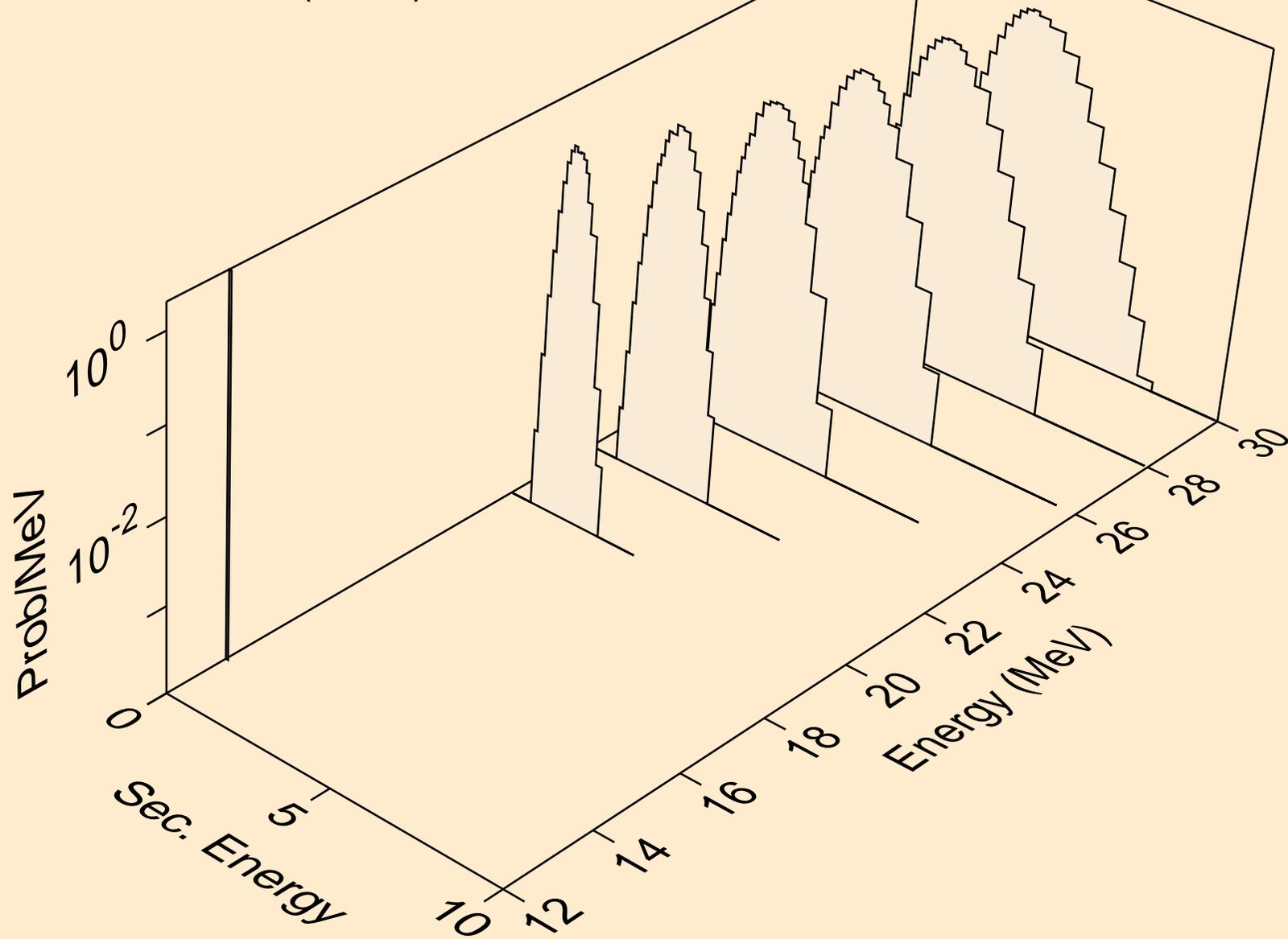
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



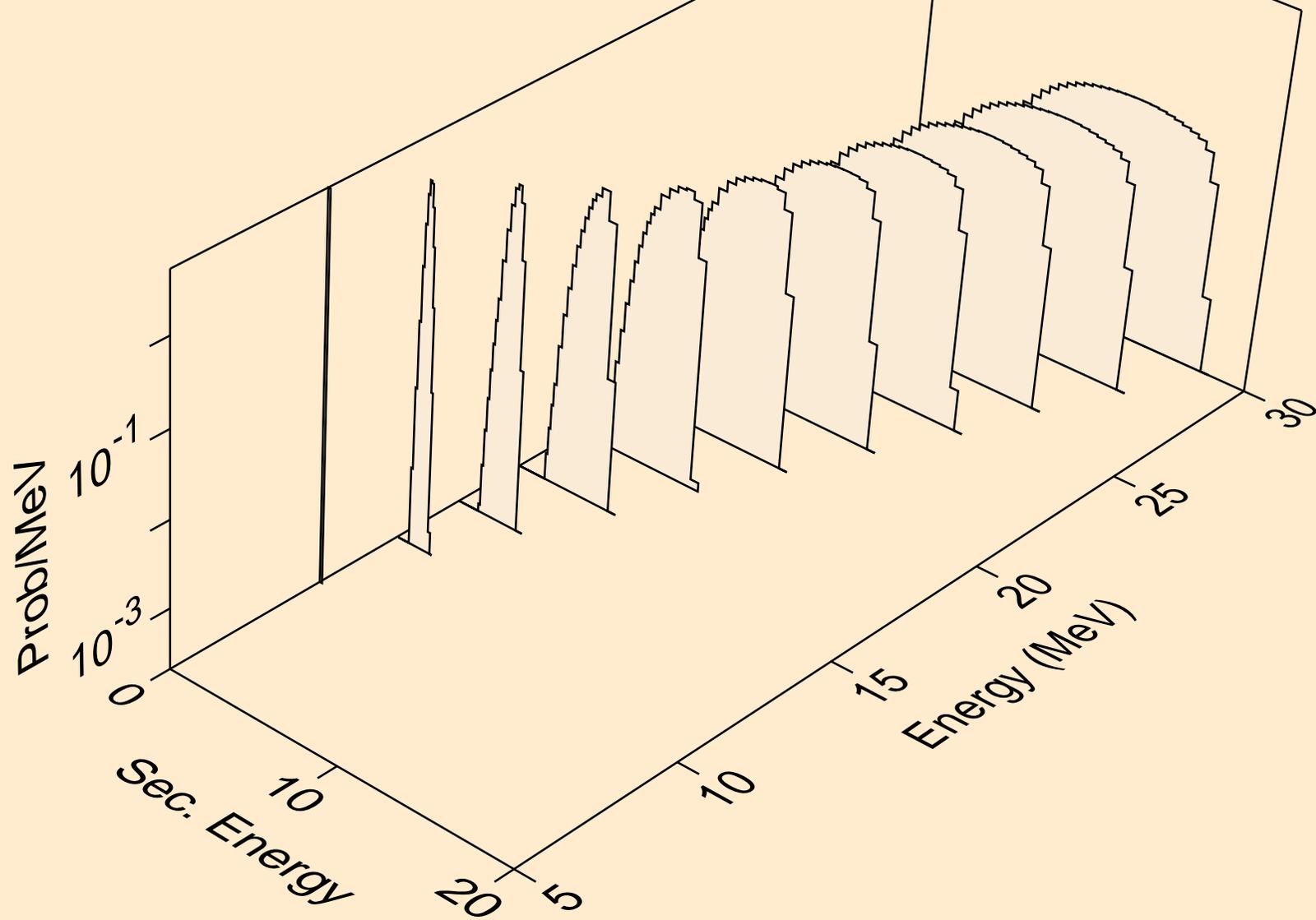
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)



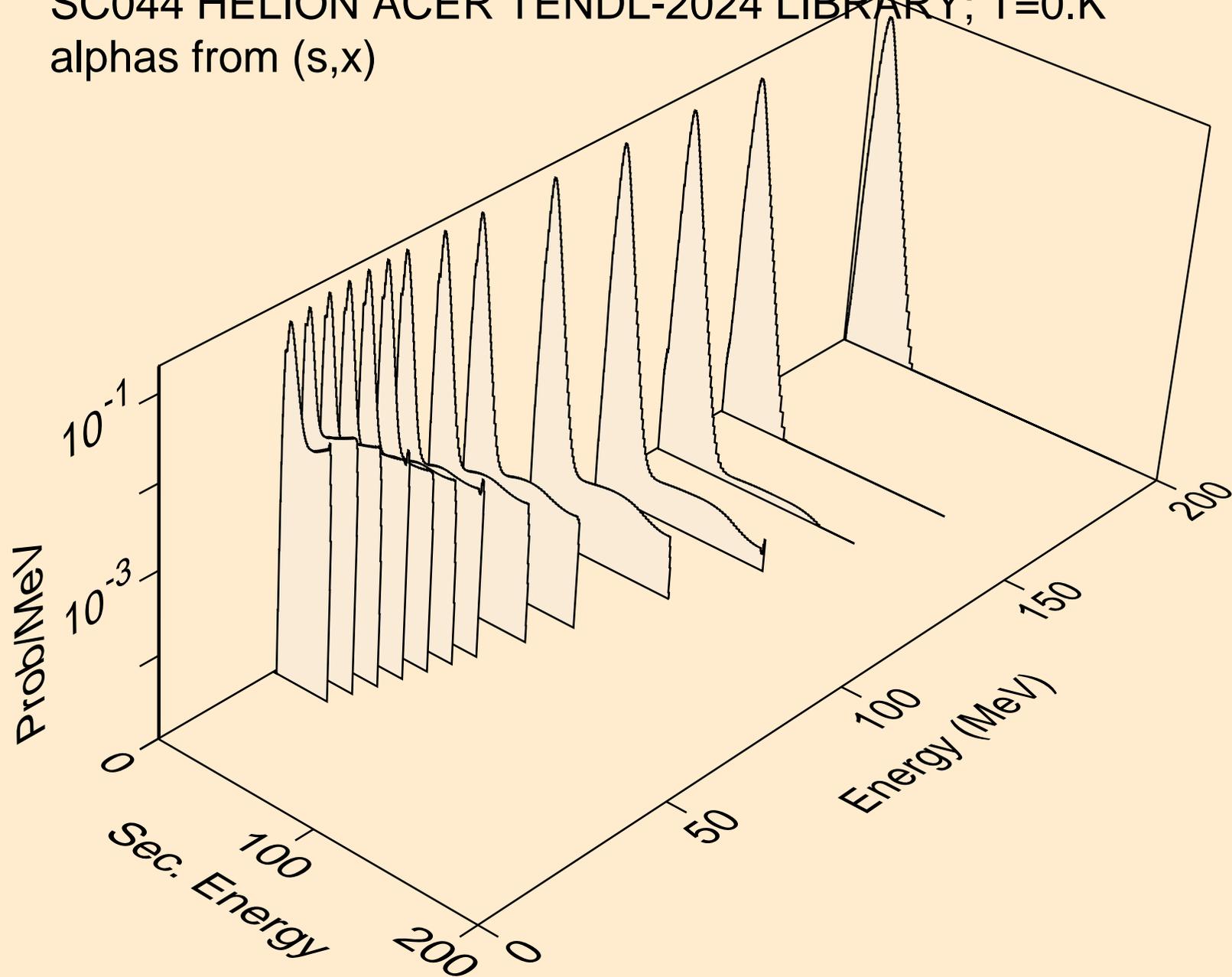
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t2a)



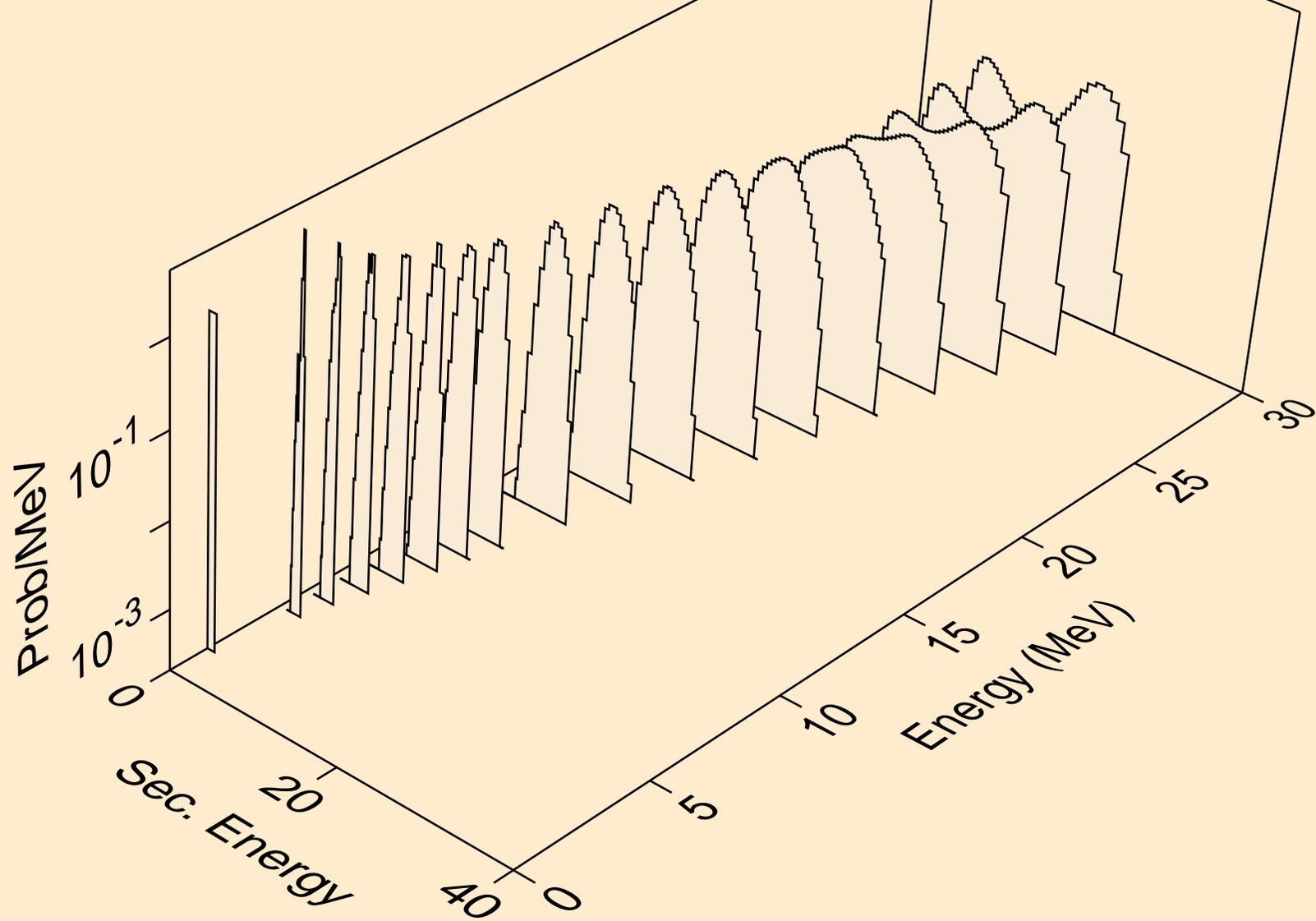
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,pt)



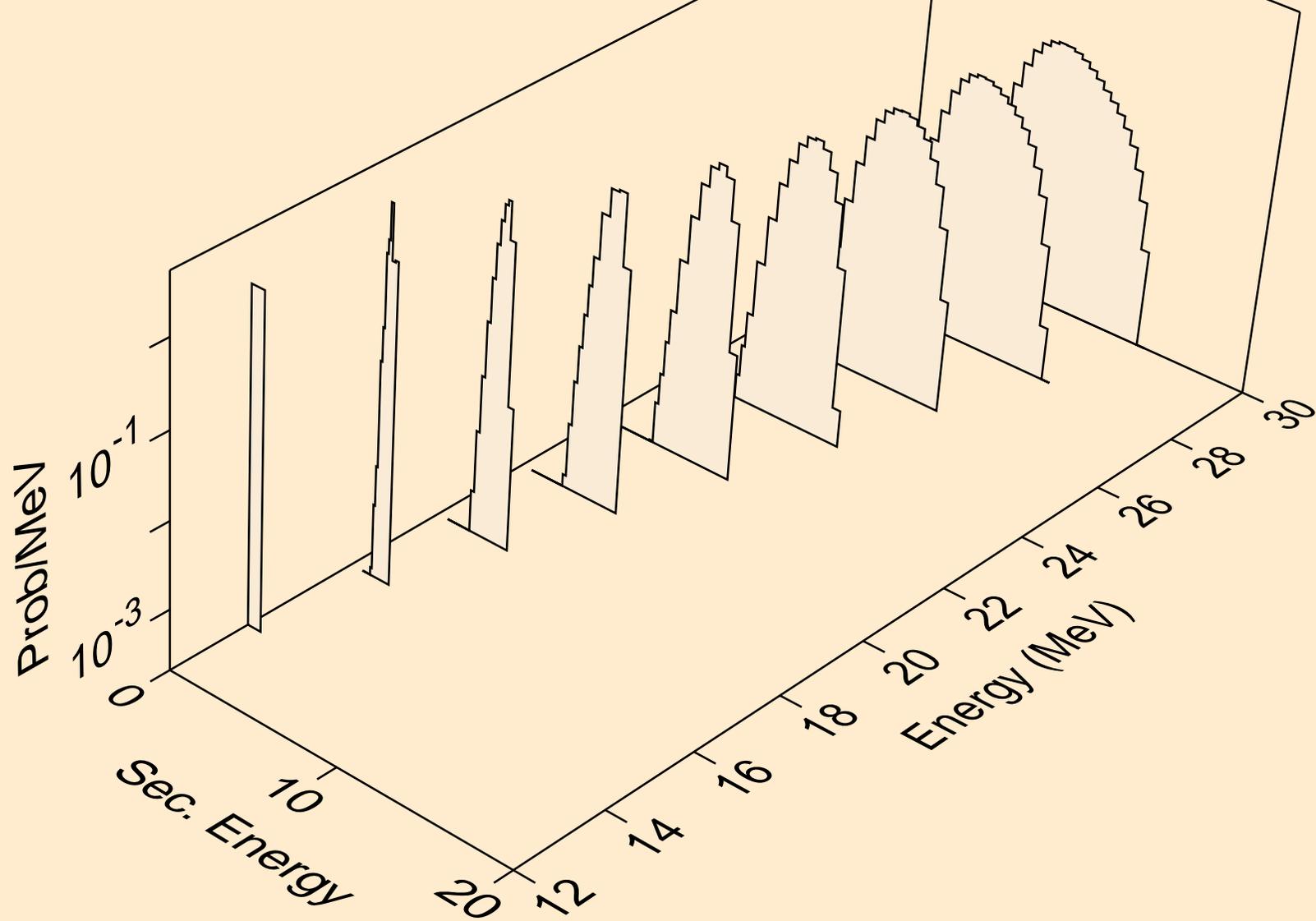
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



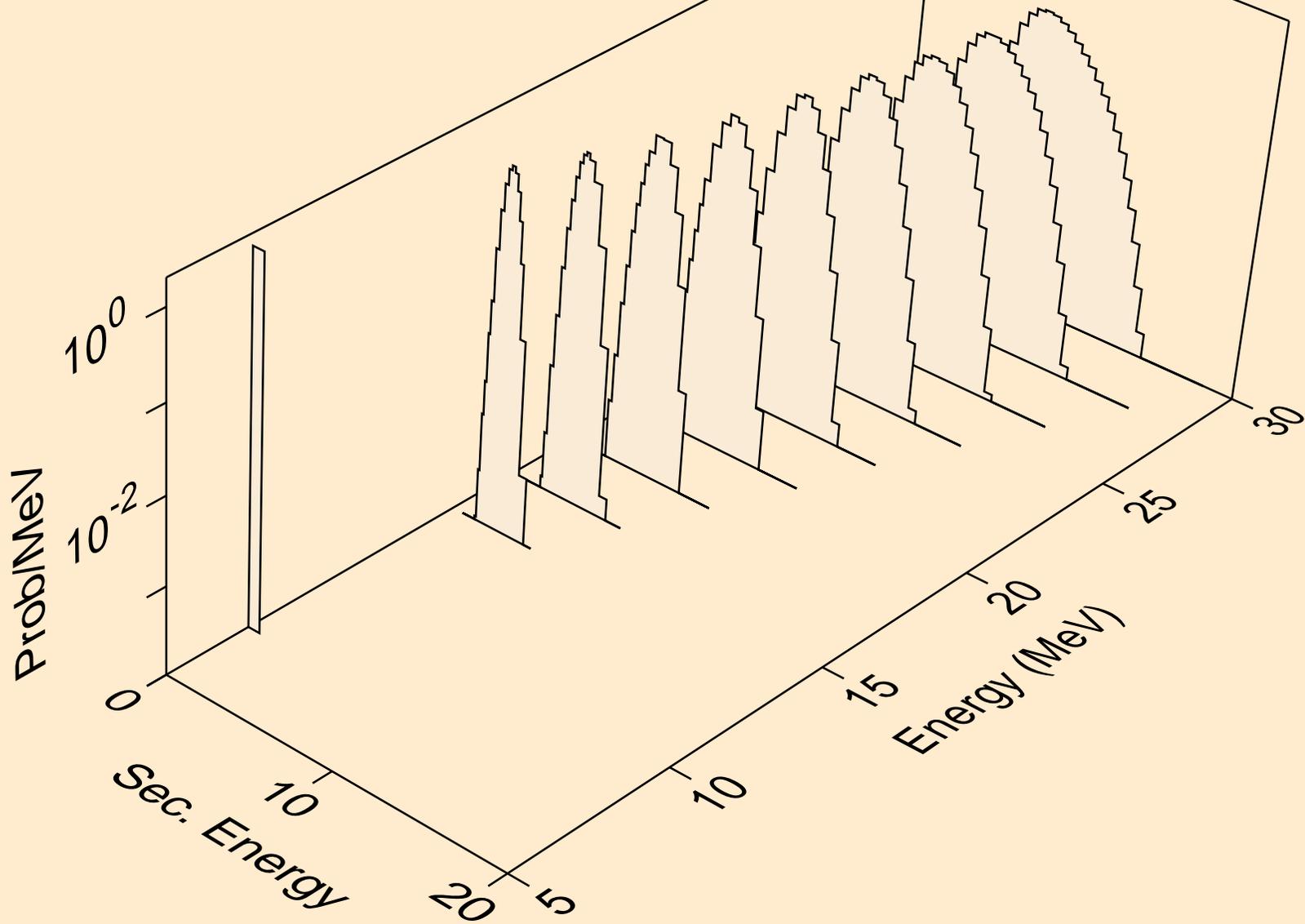
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



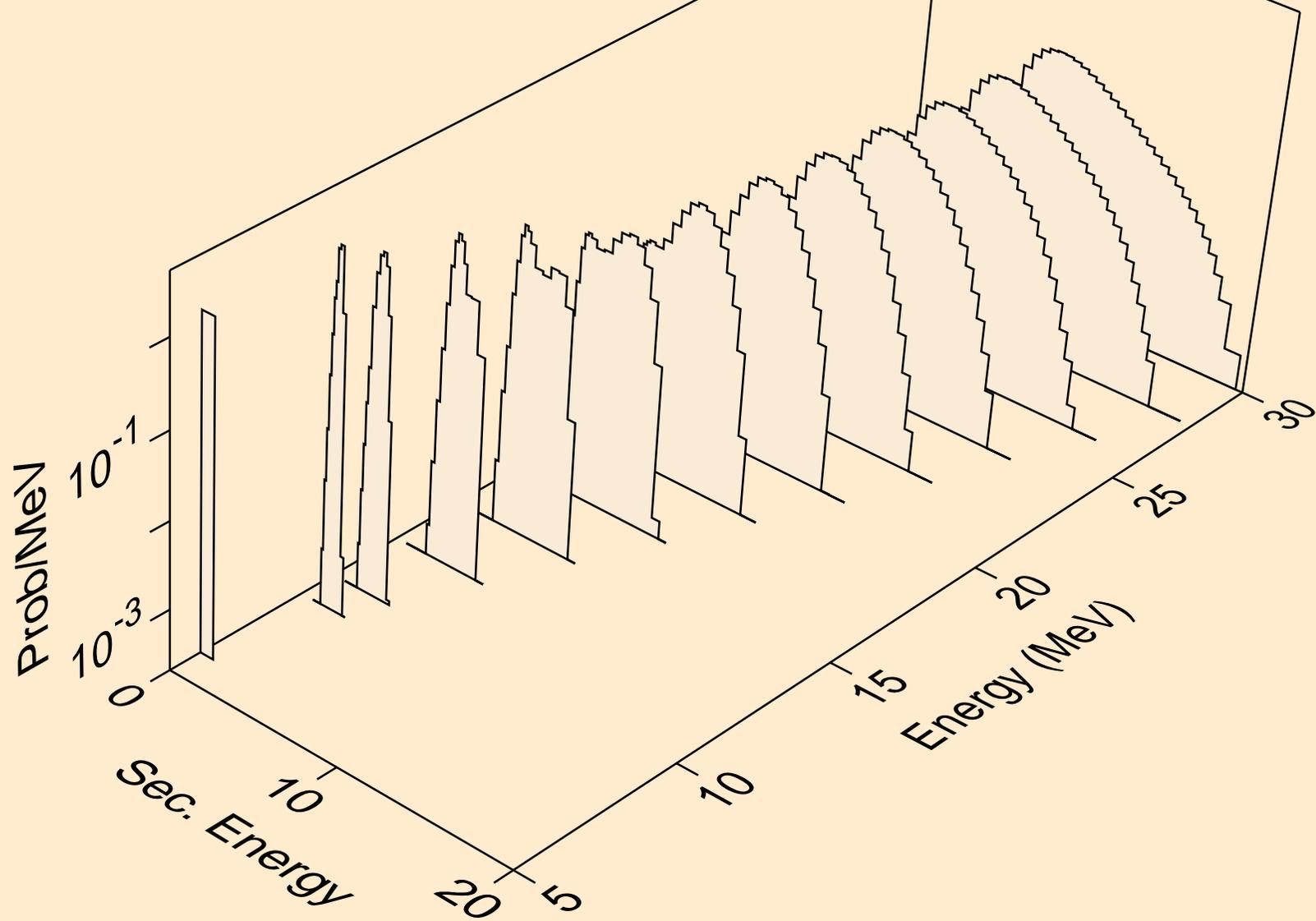
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



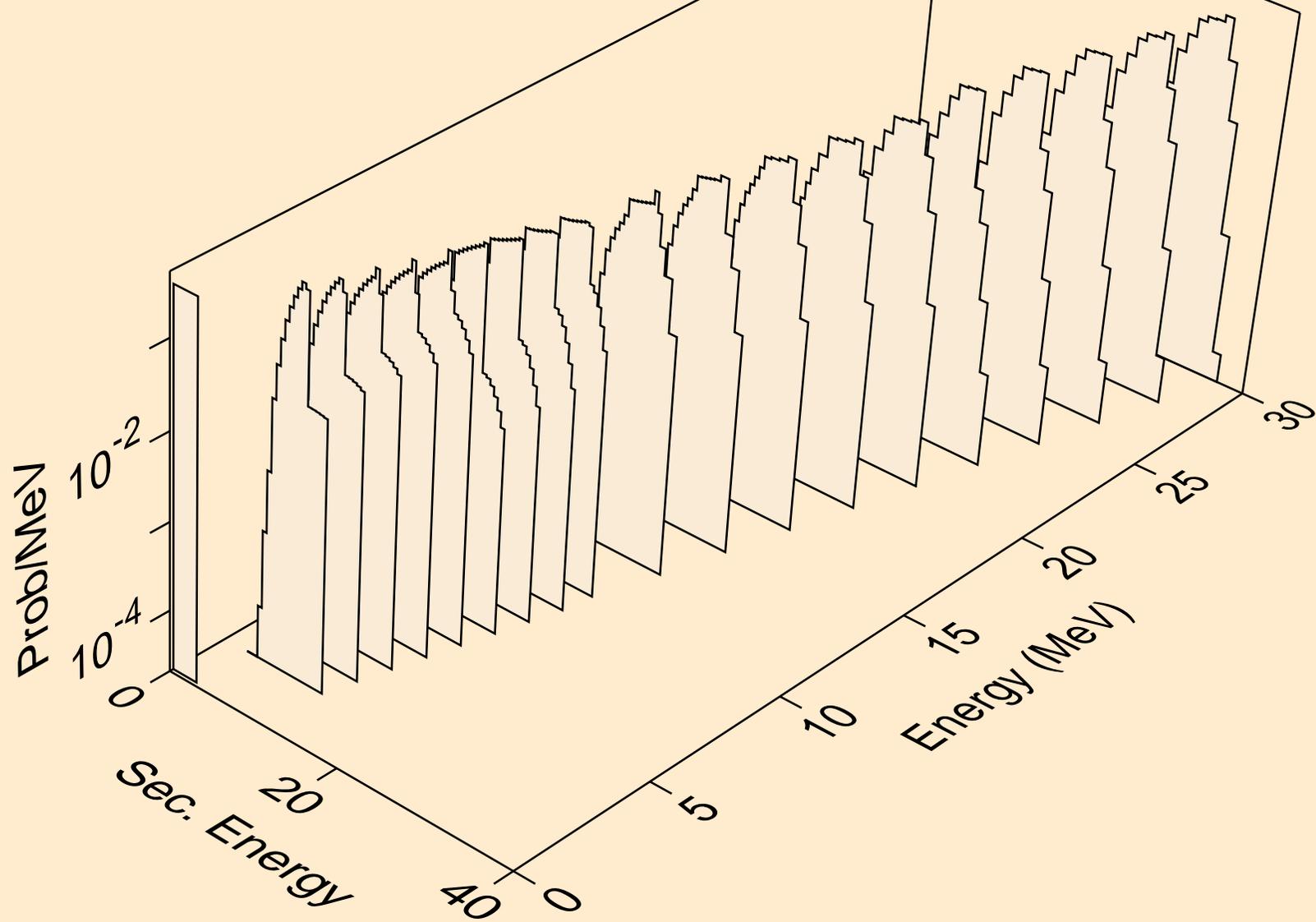
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)2a



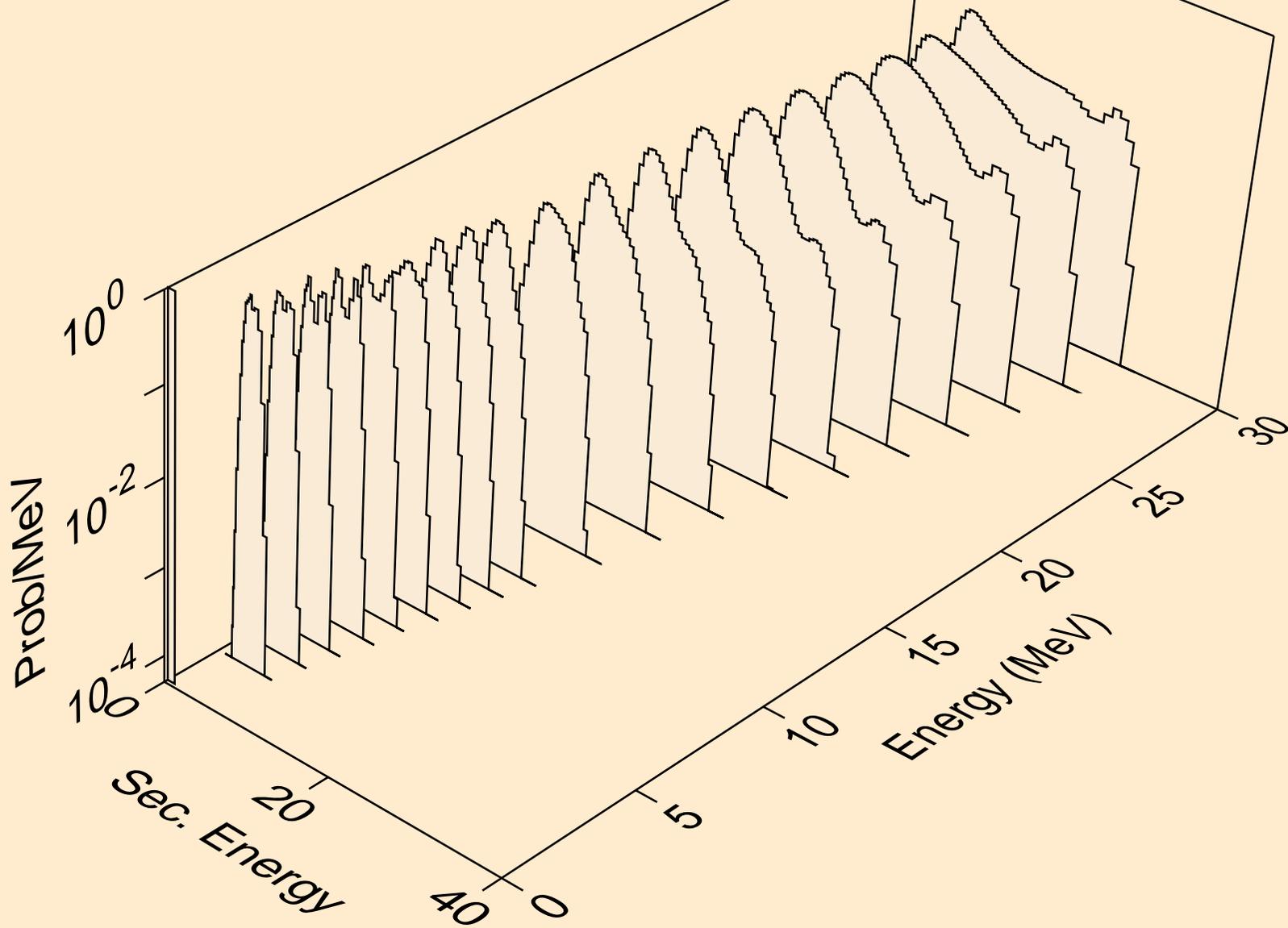
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



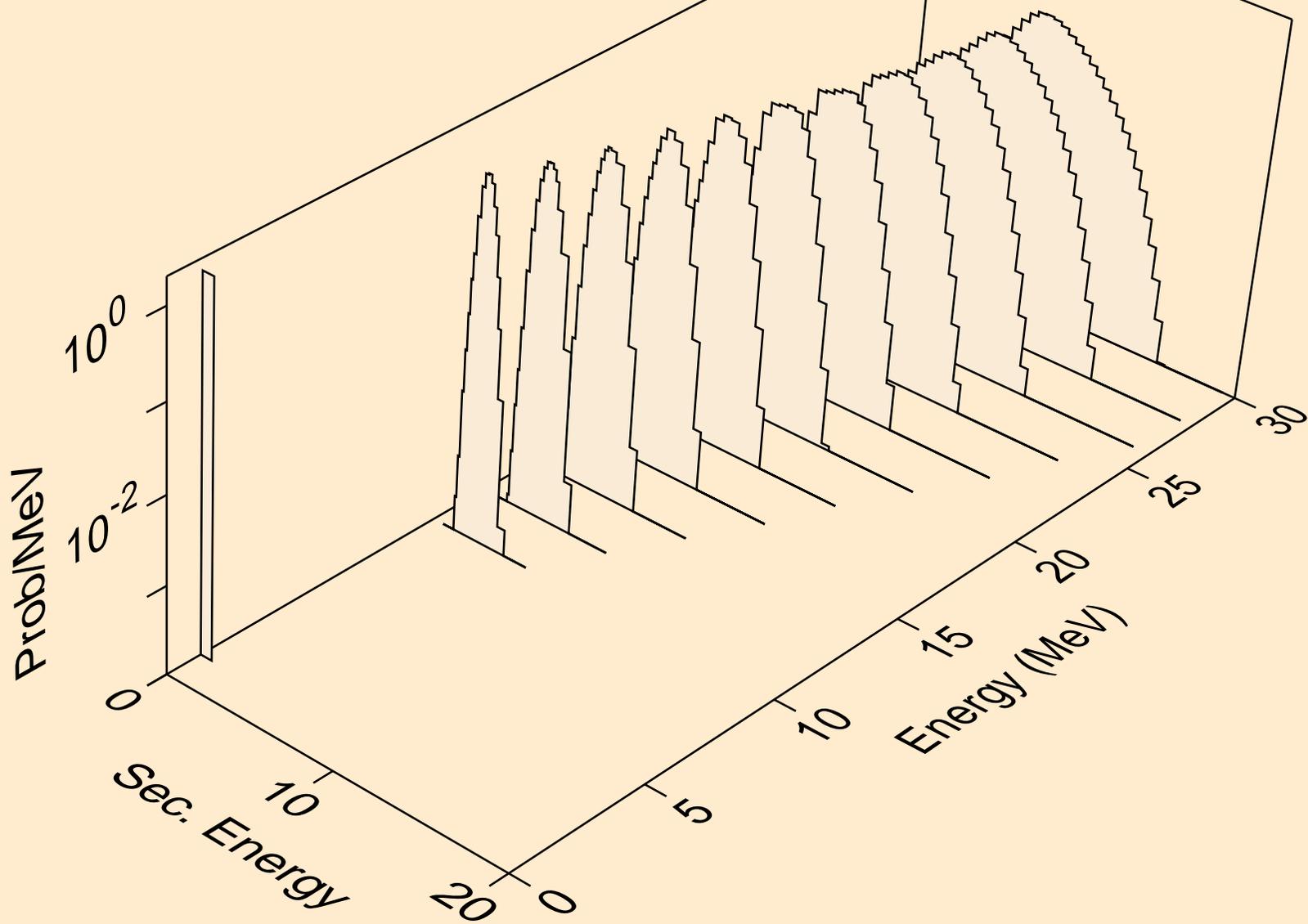
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



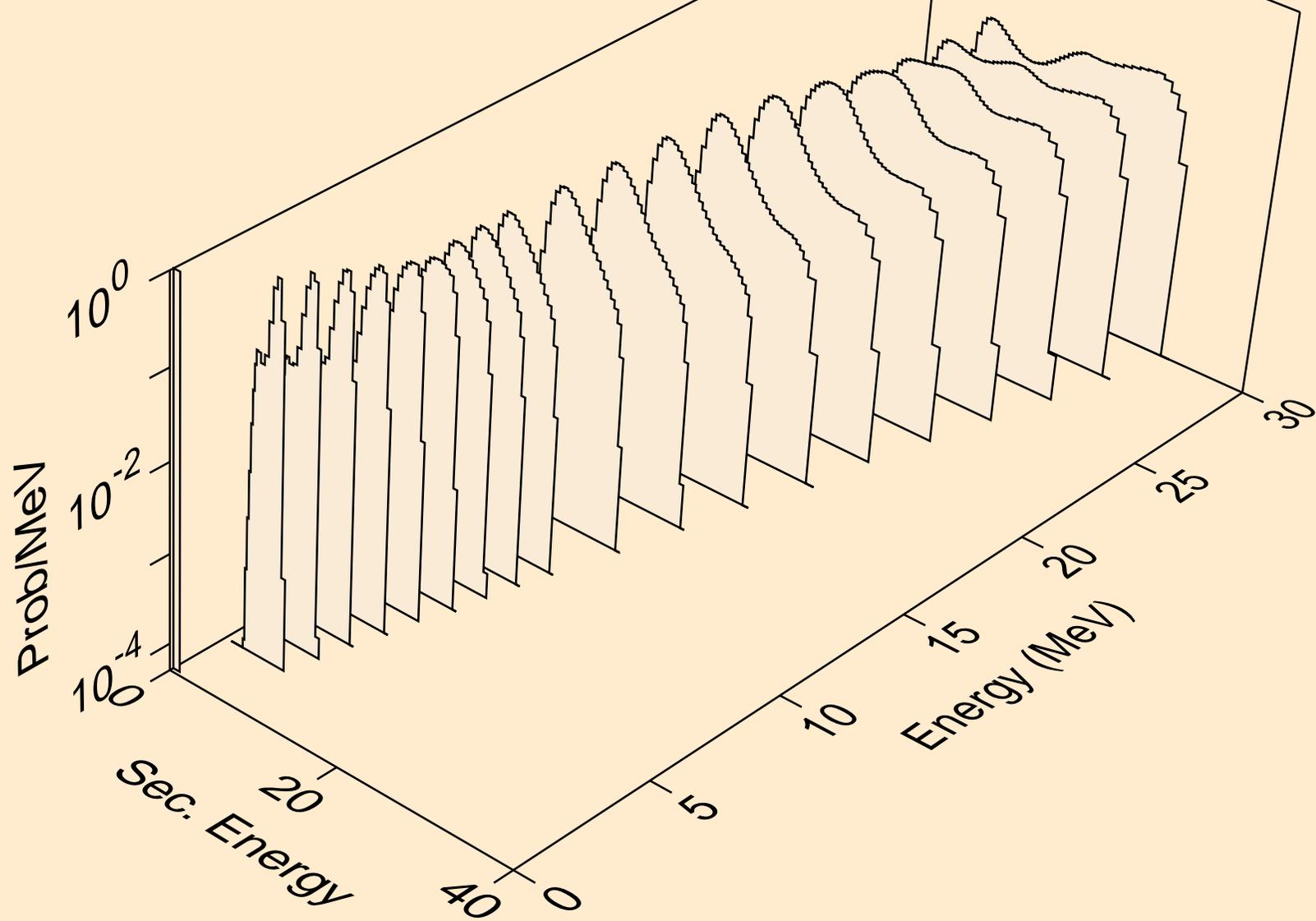
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



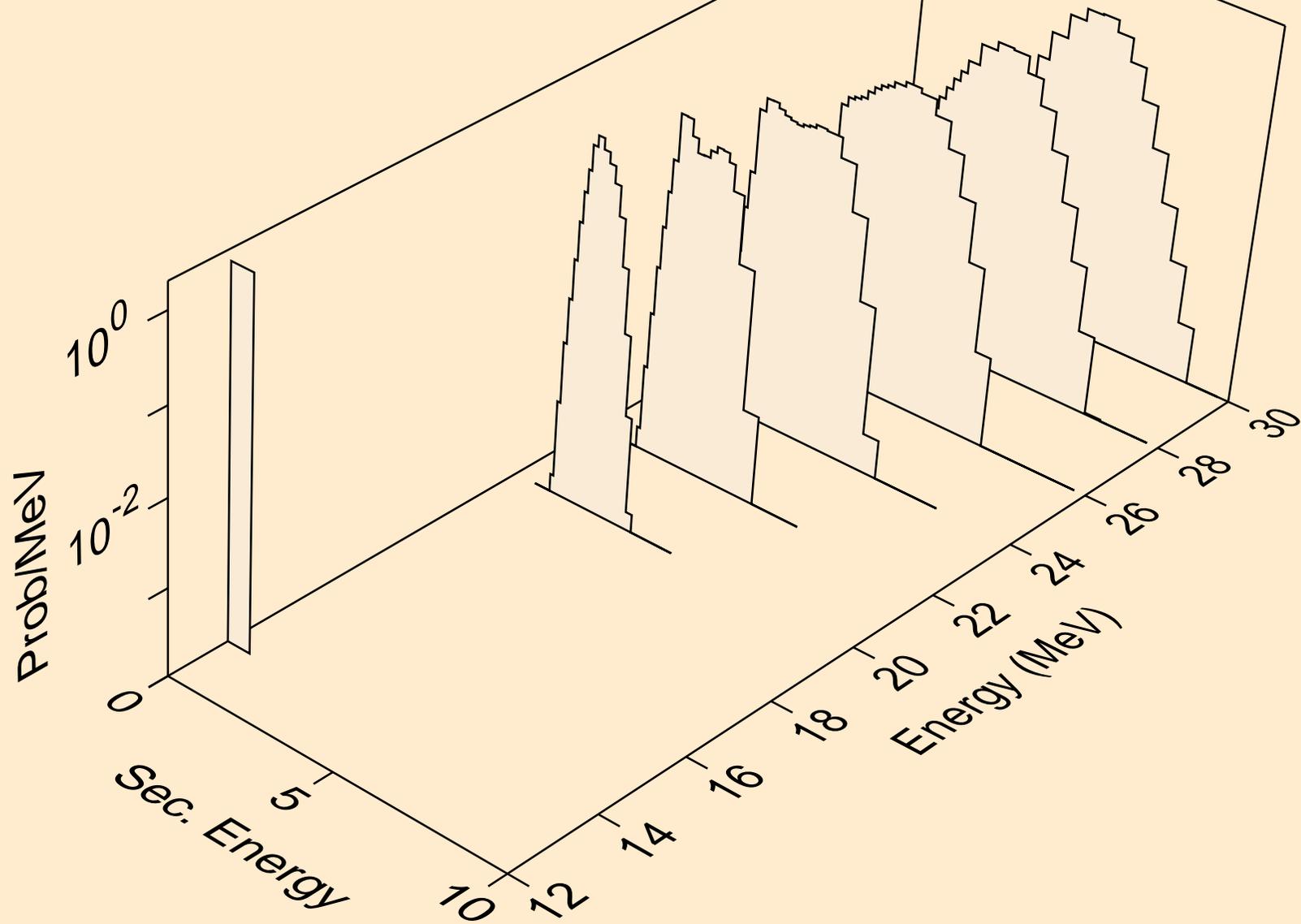
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3a)



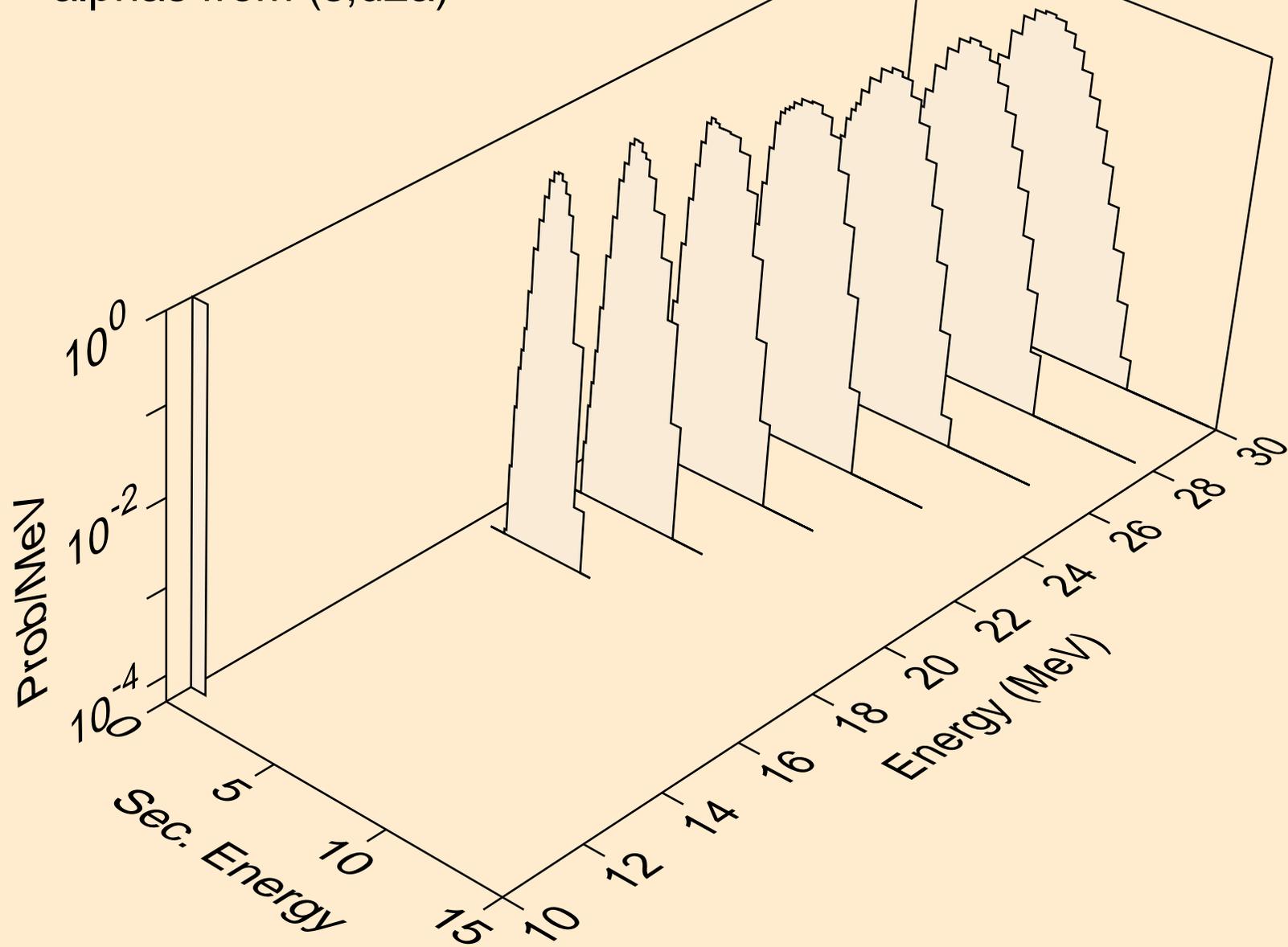
SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,t2a)



SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,d2a)



SC044 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

