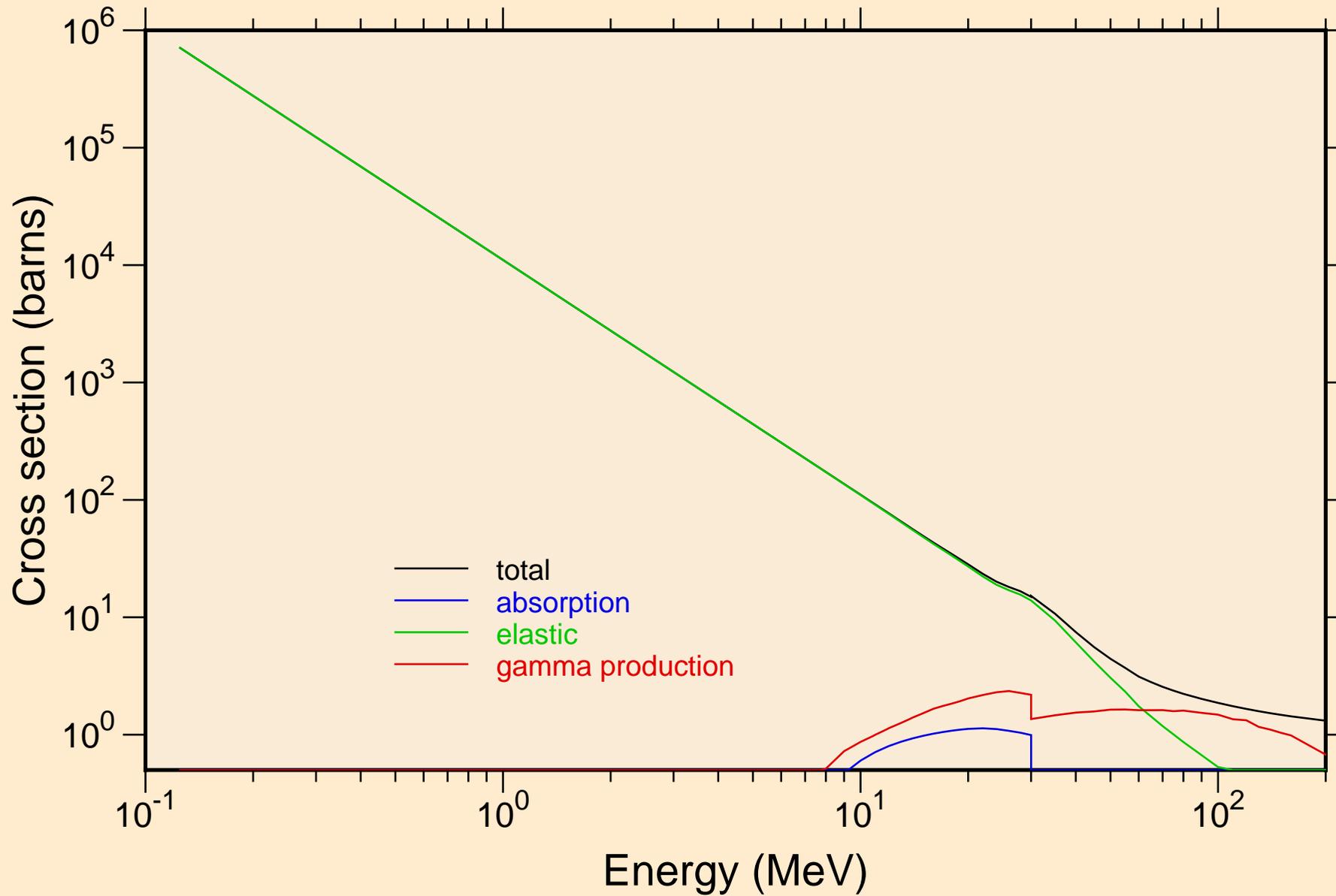


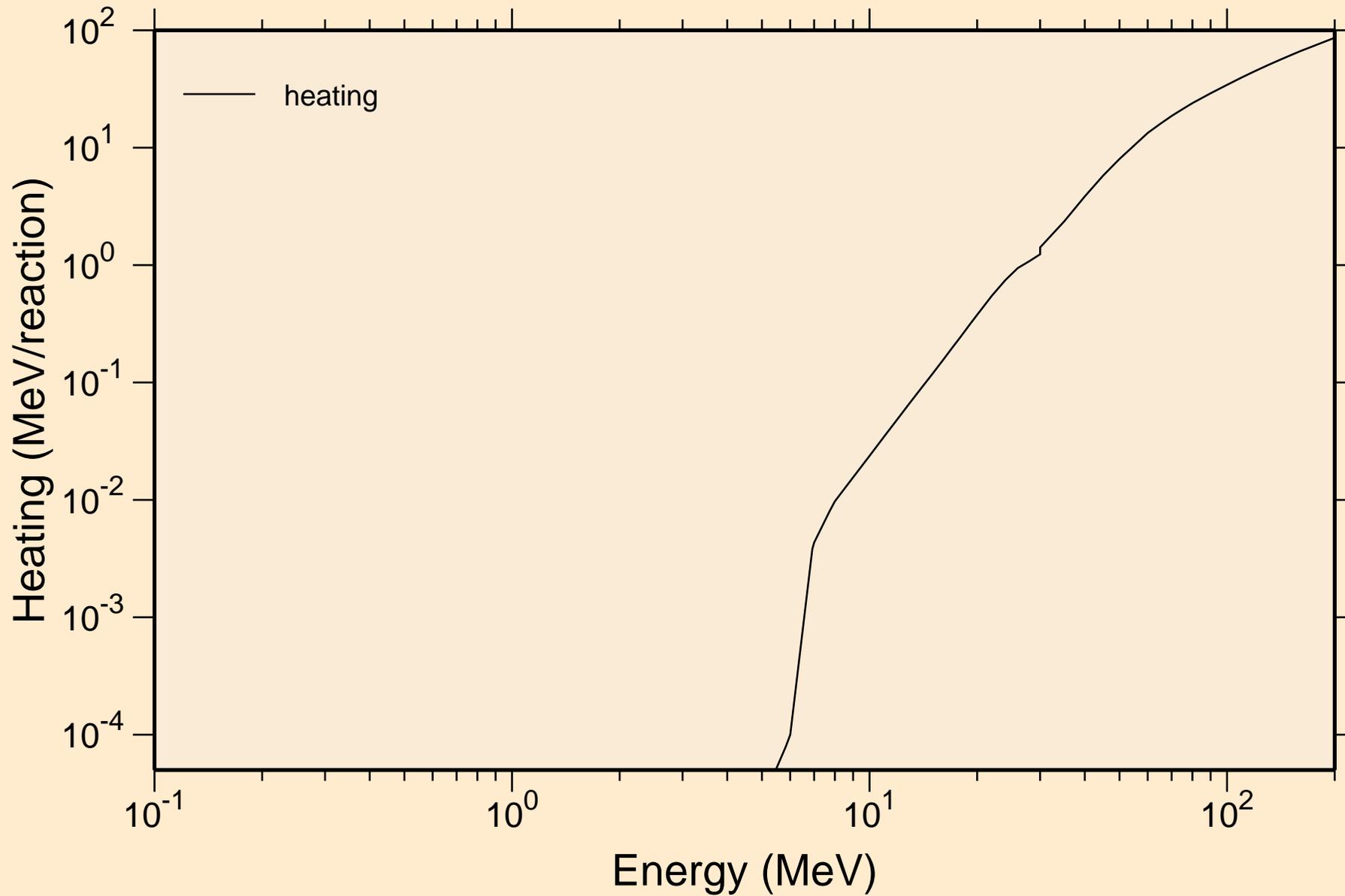
# CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



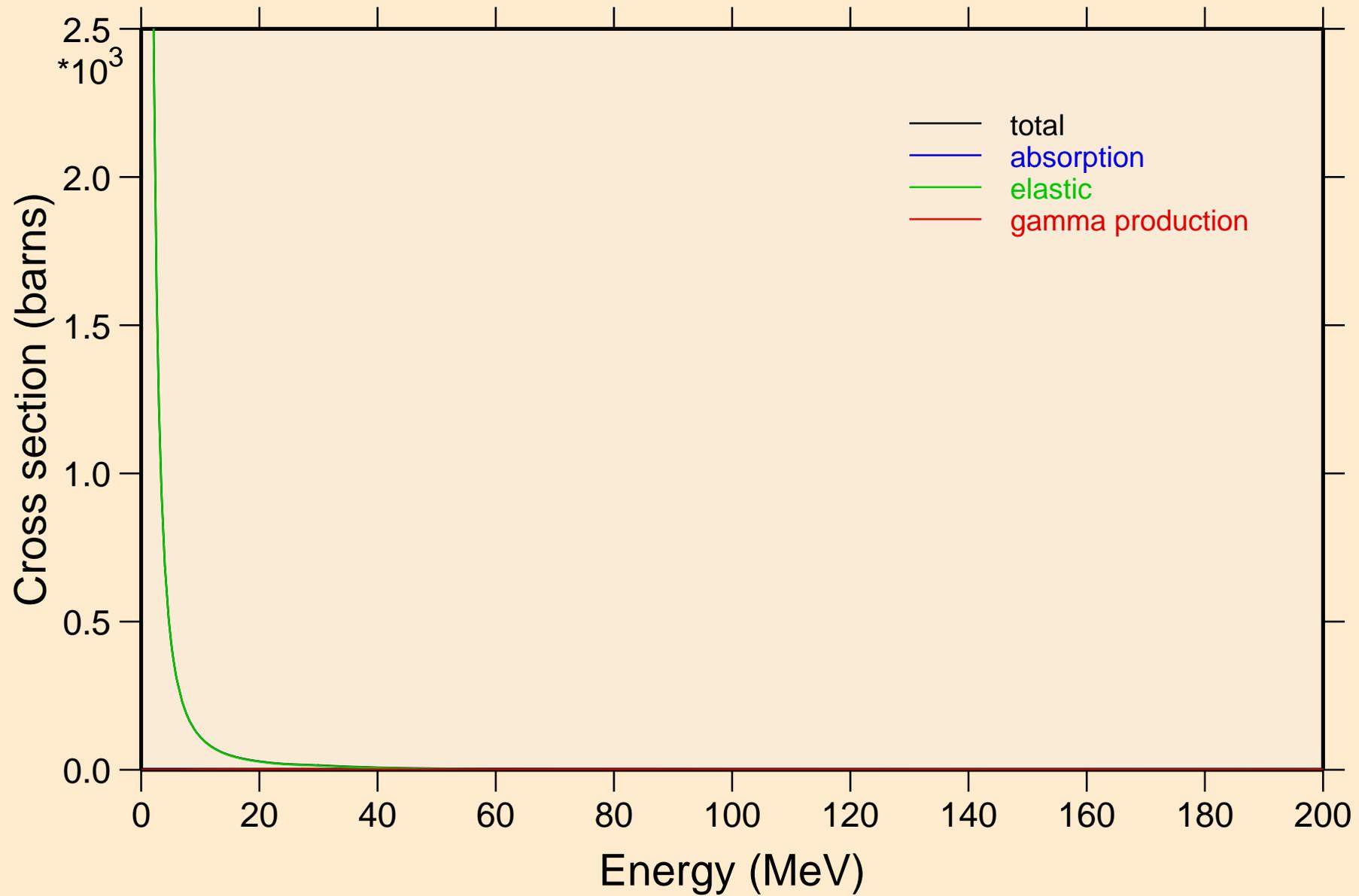
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating

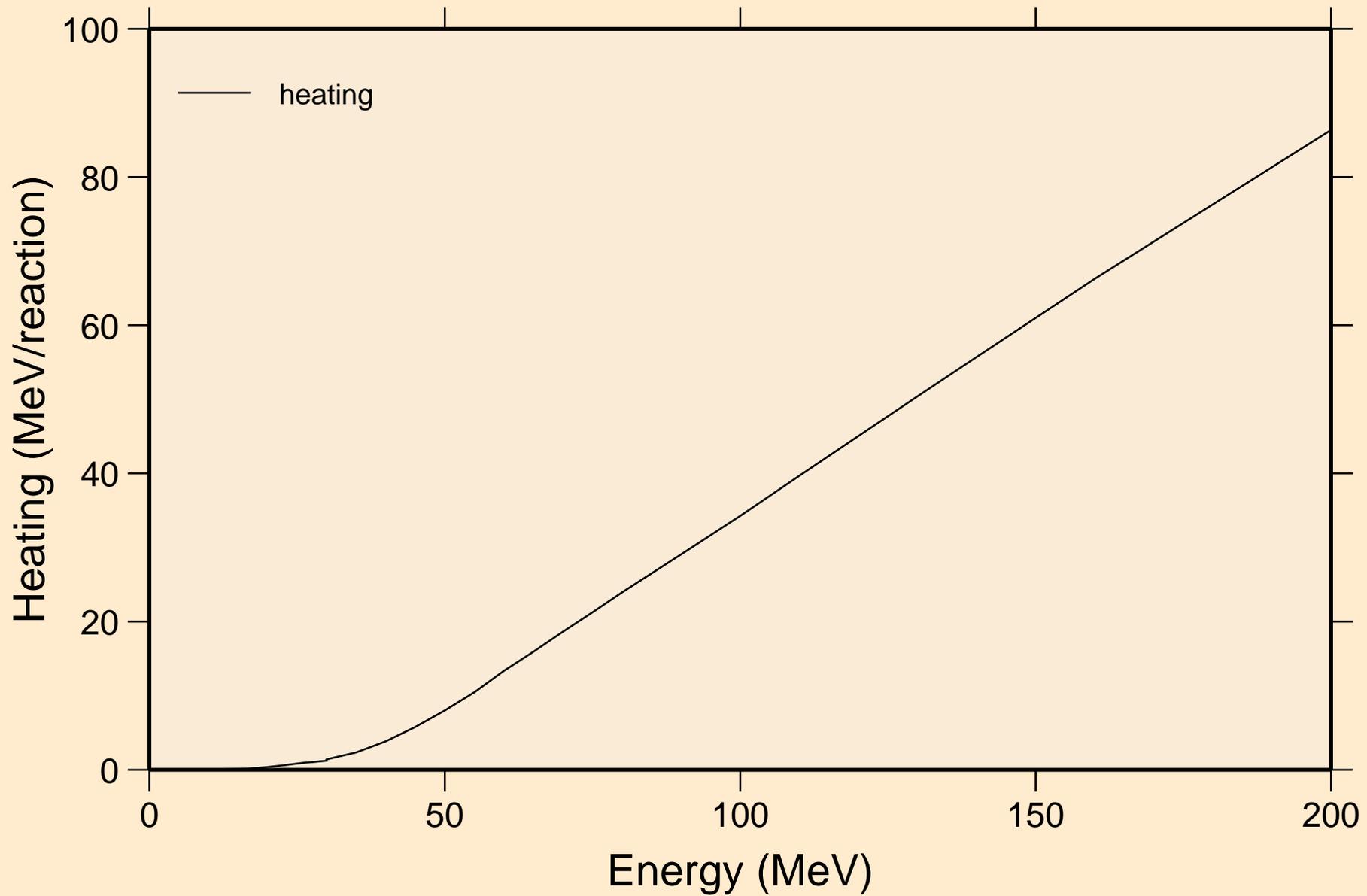


# CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K

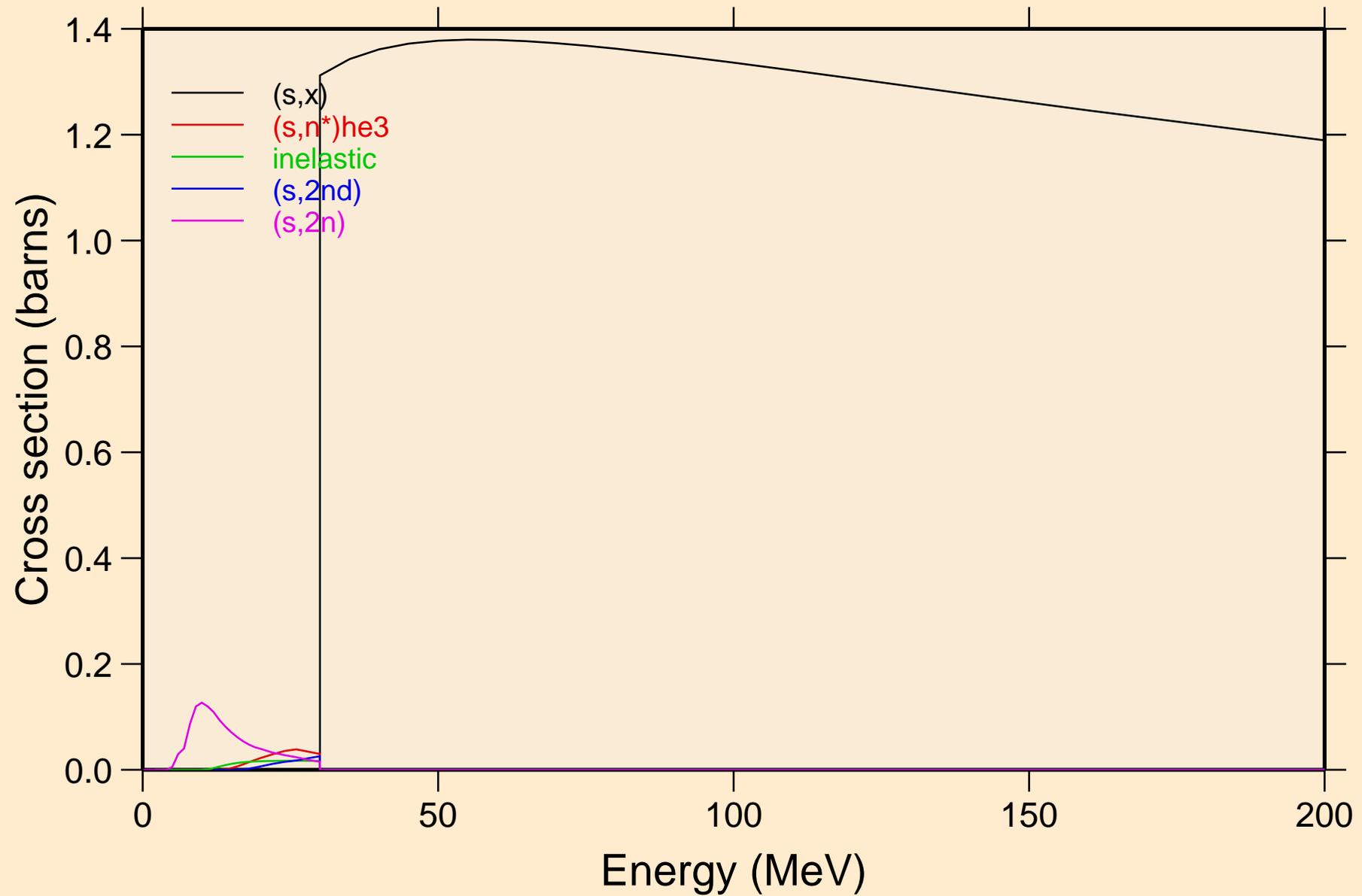
## Principal cross sections



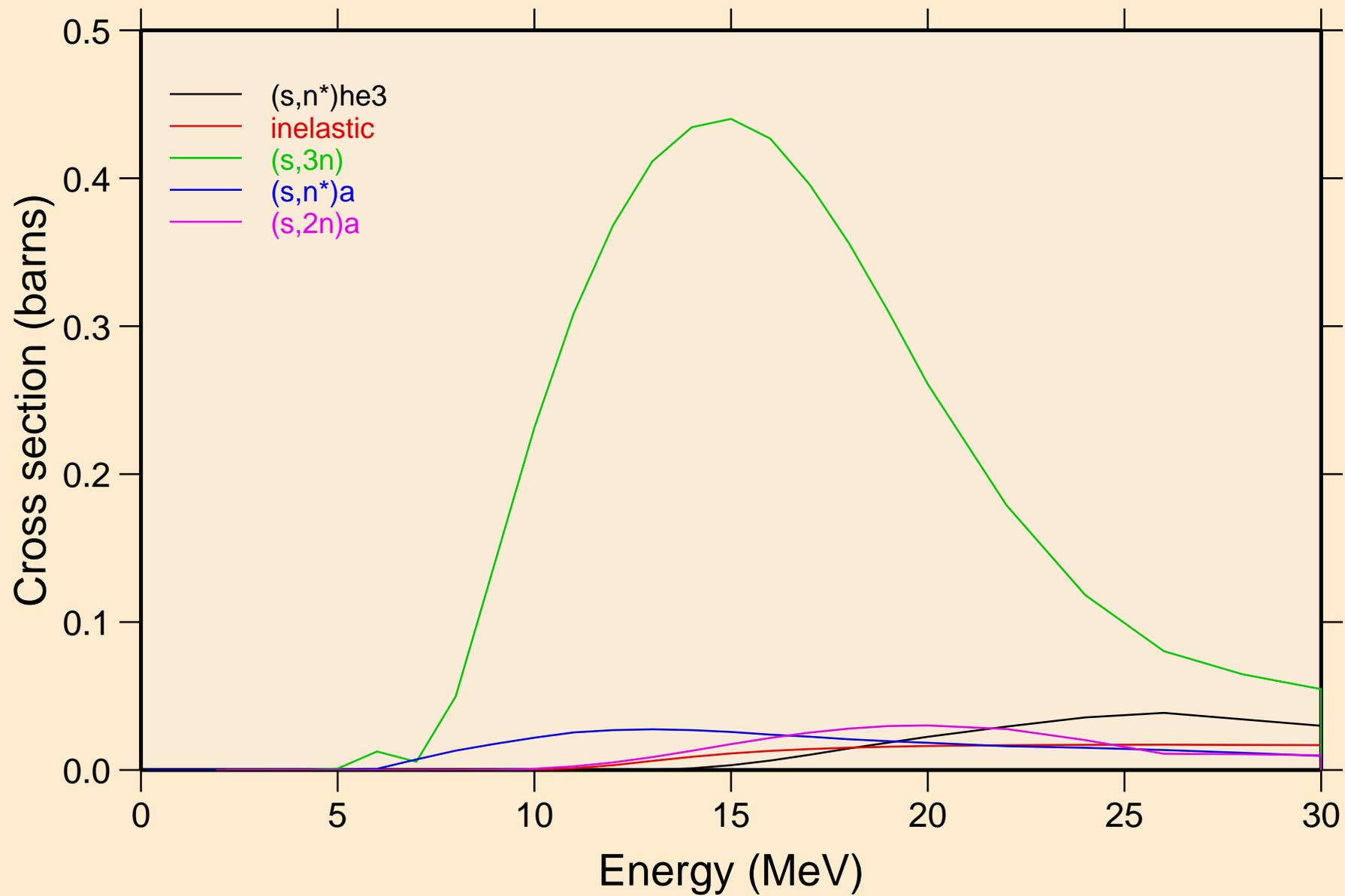
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Heating



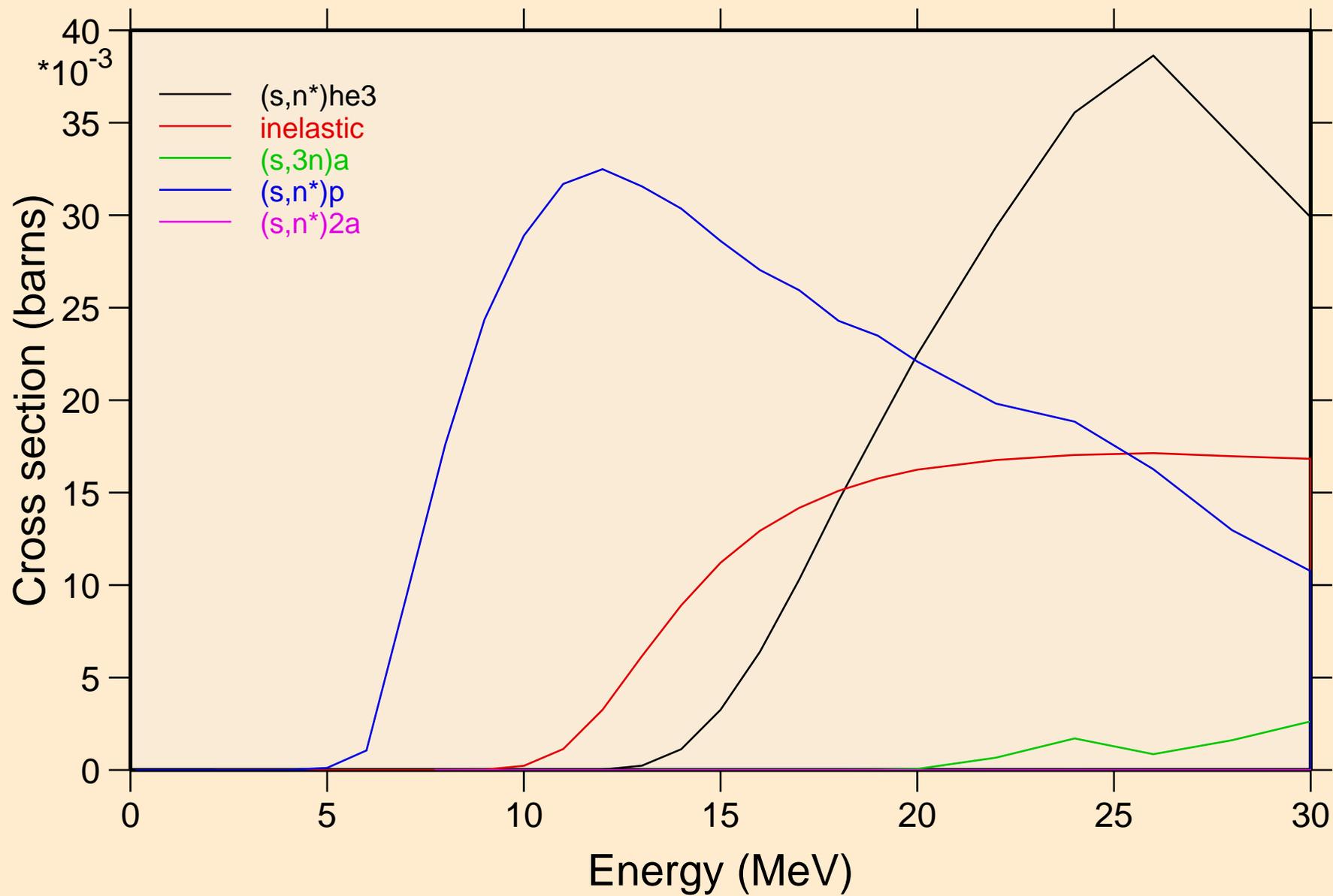
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



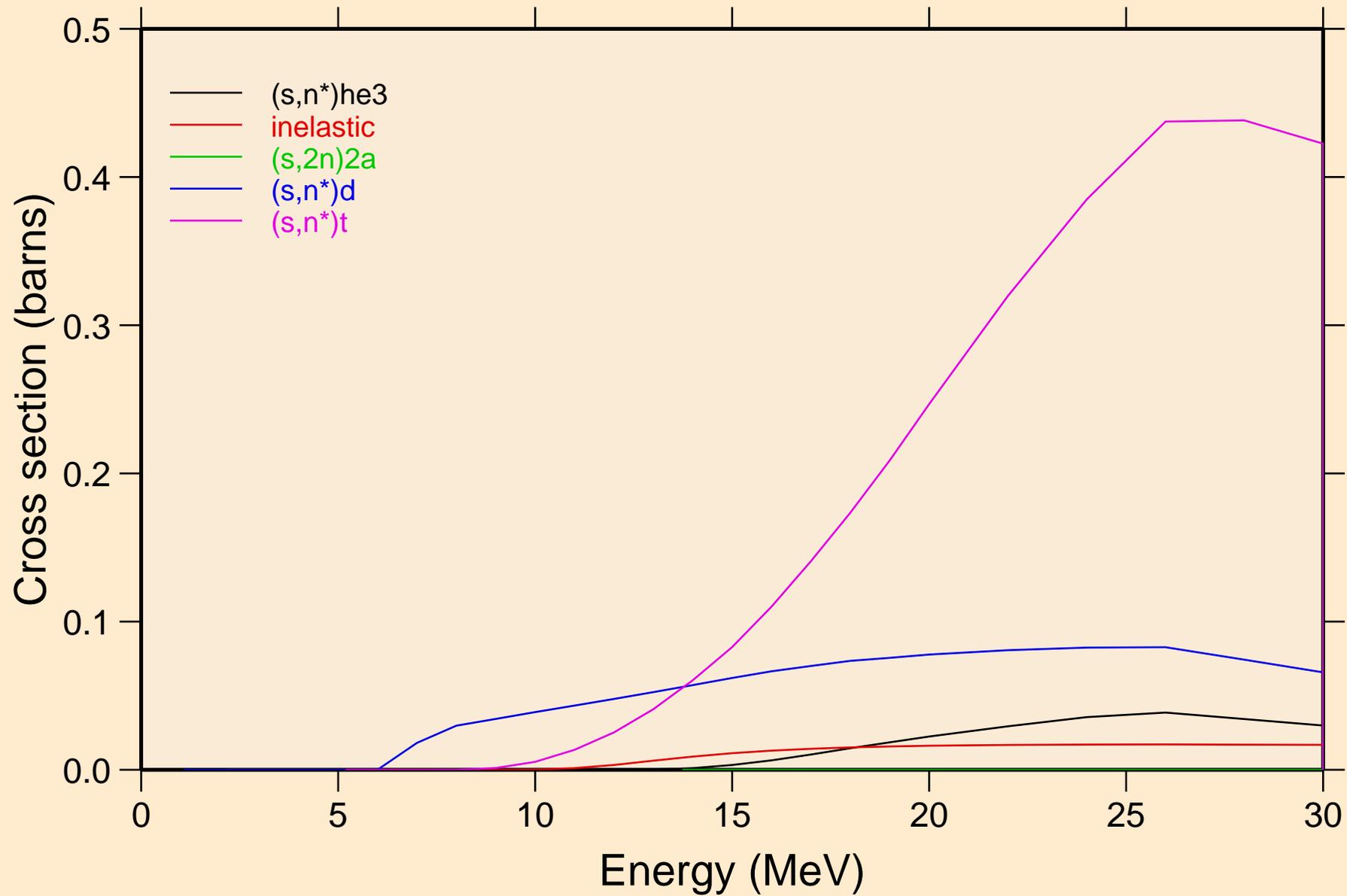
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



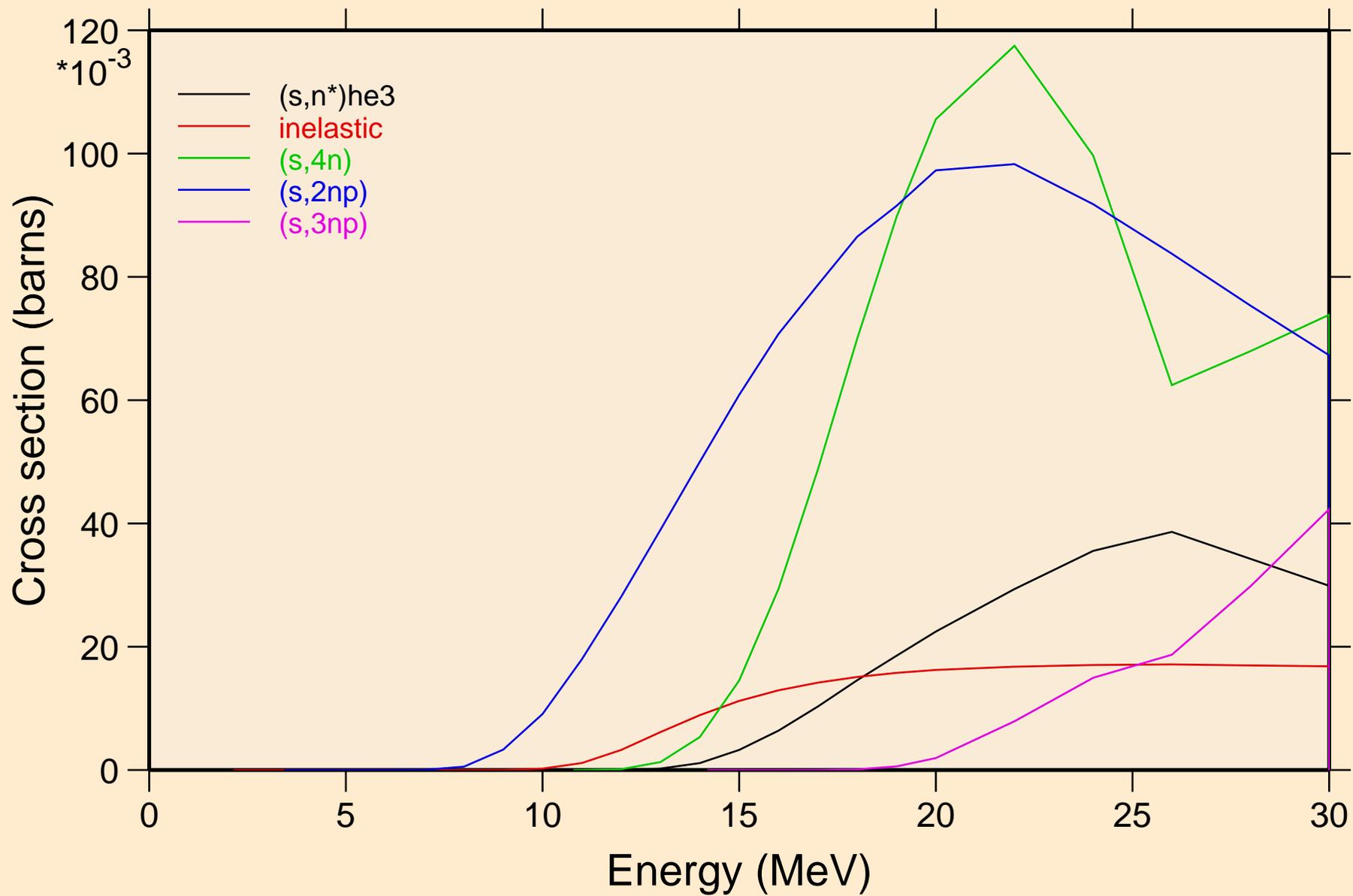
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



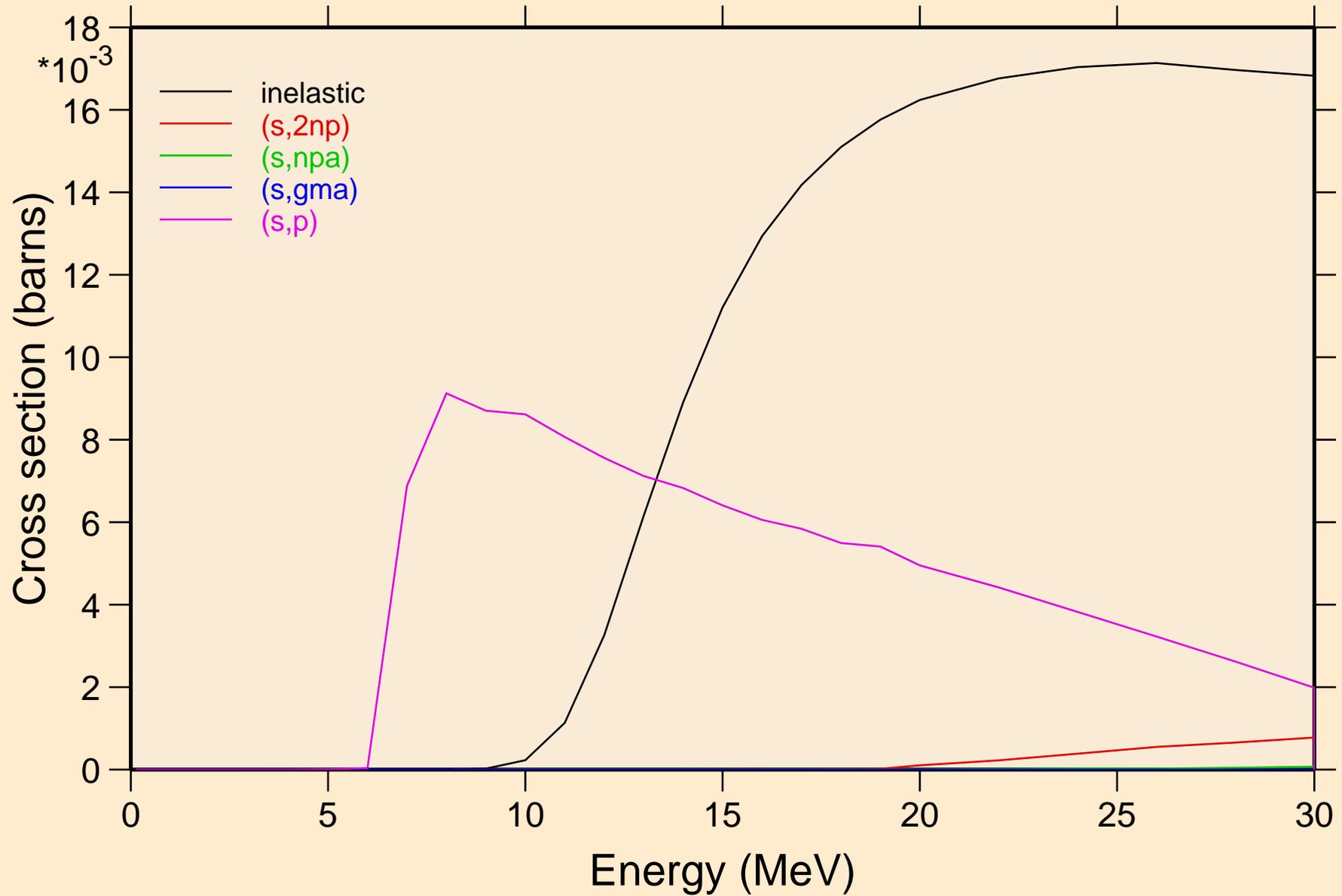
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



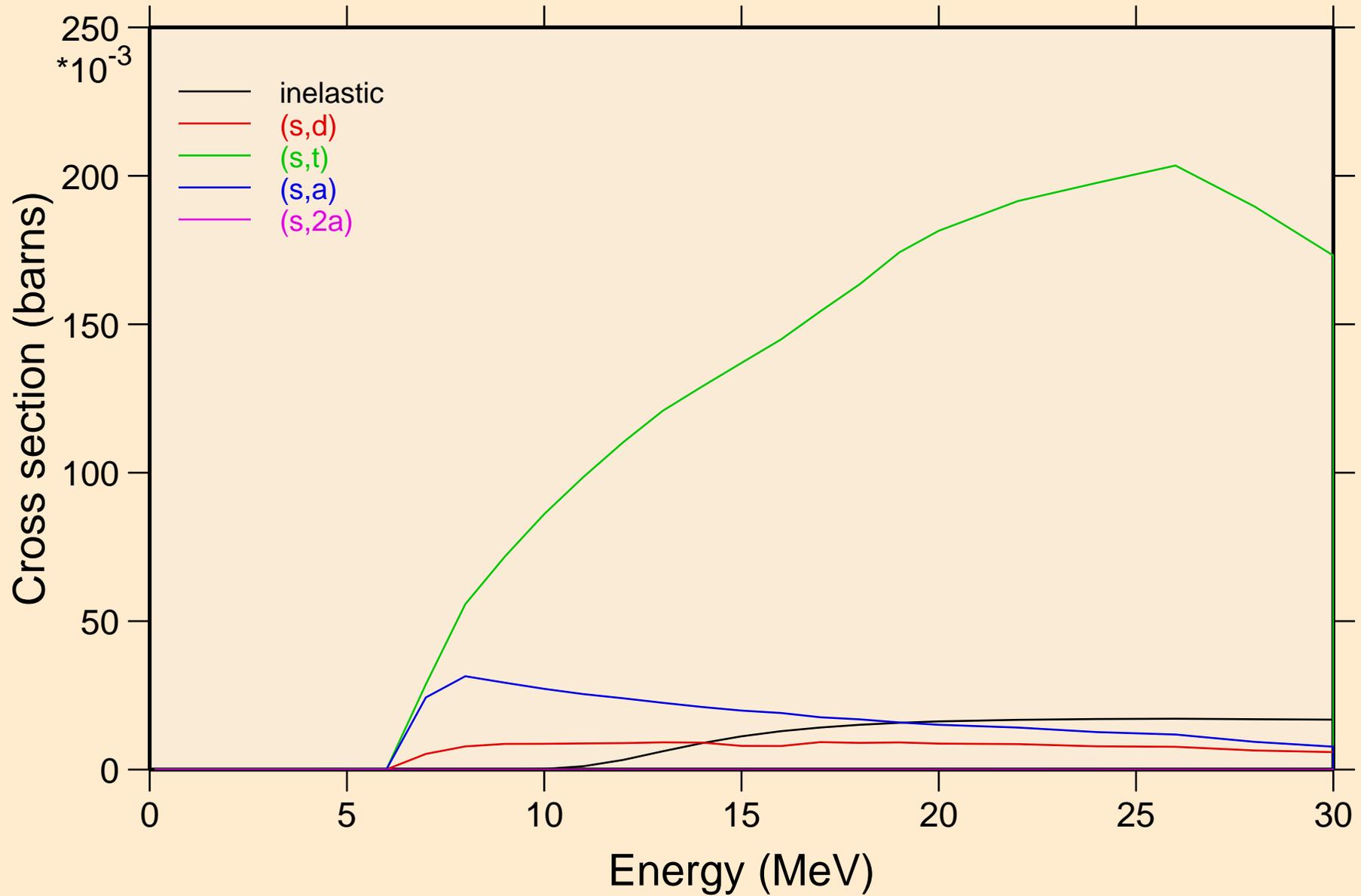
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



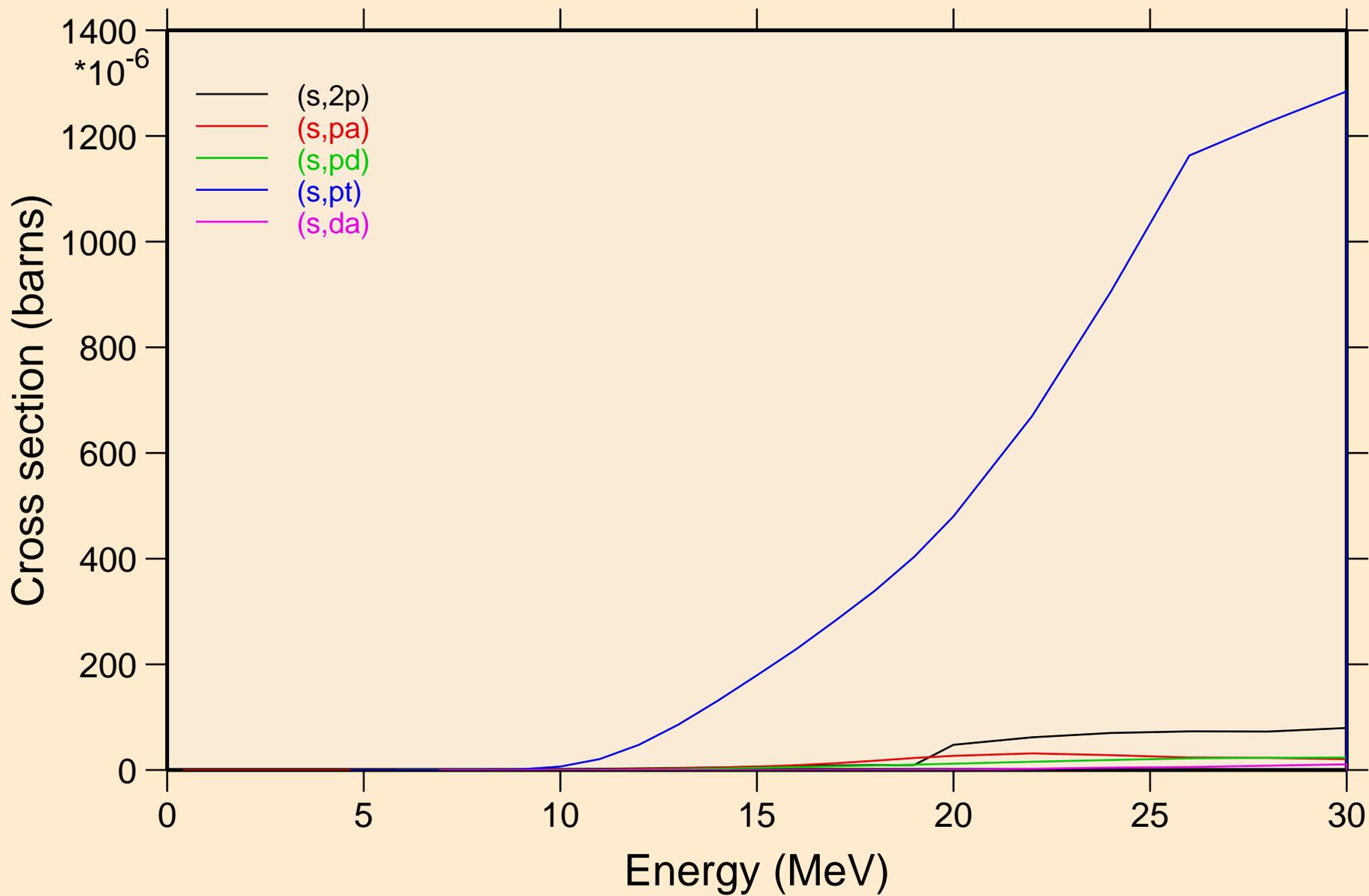
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



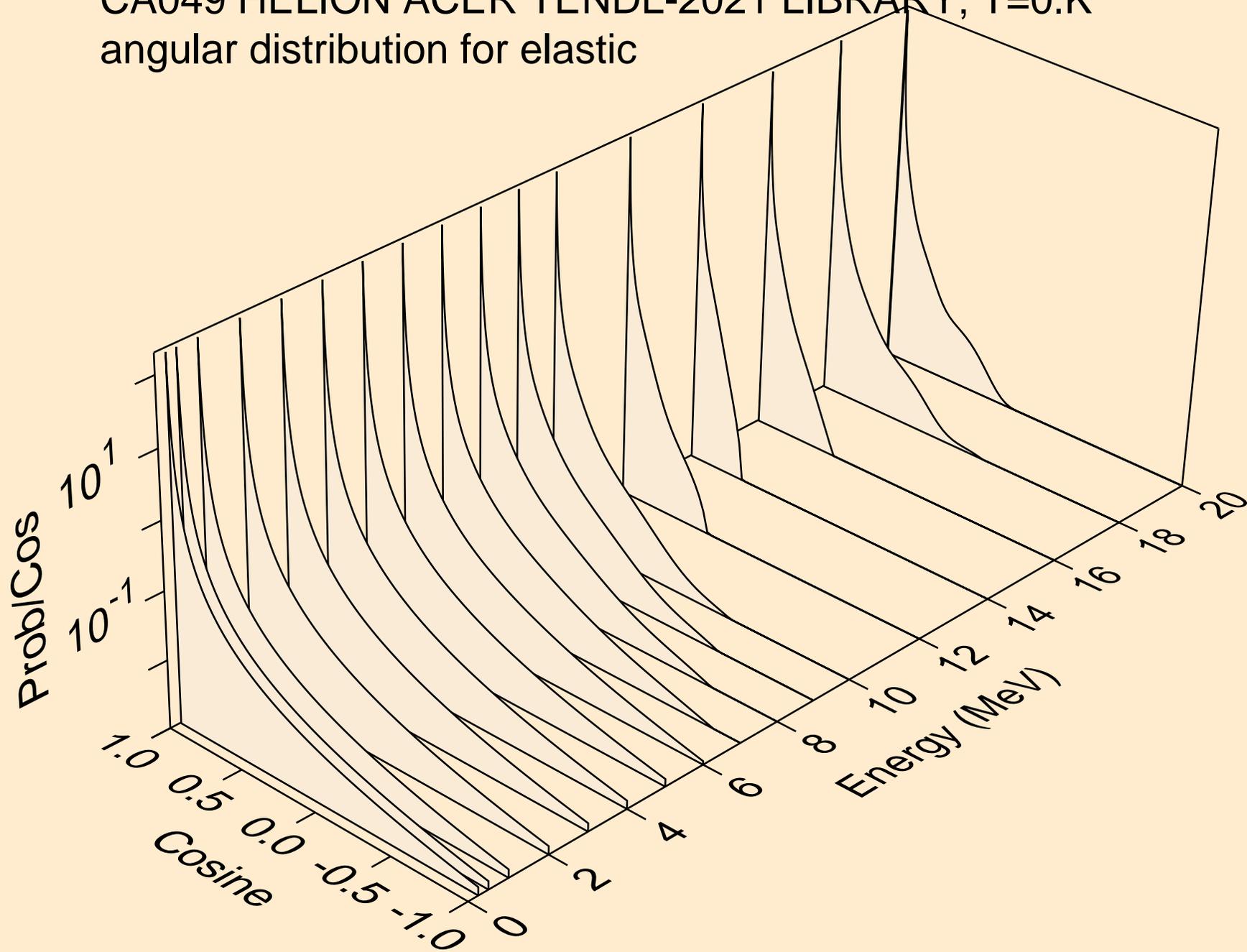
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



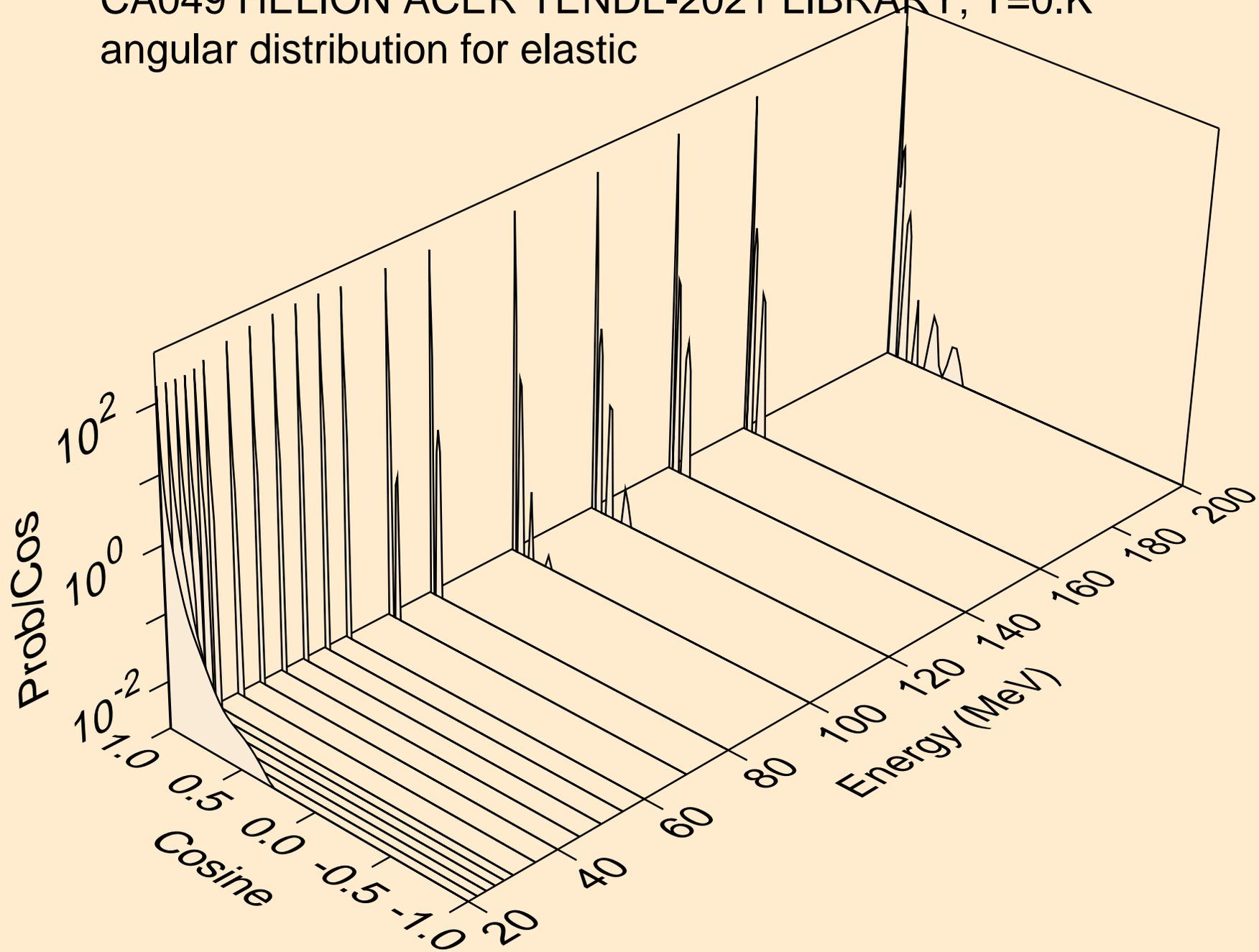
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



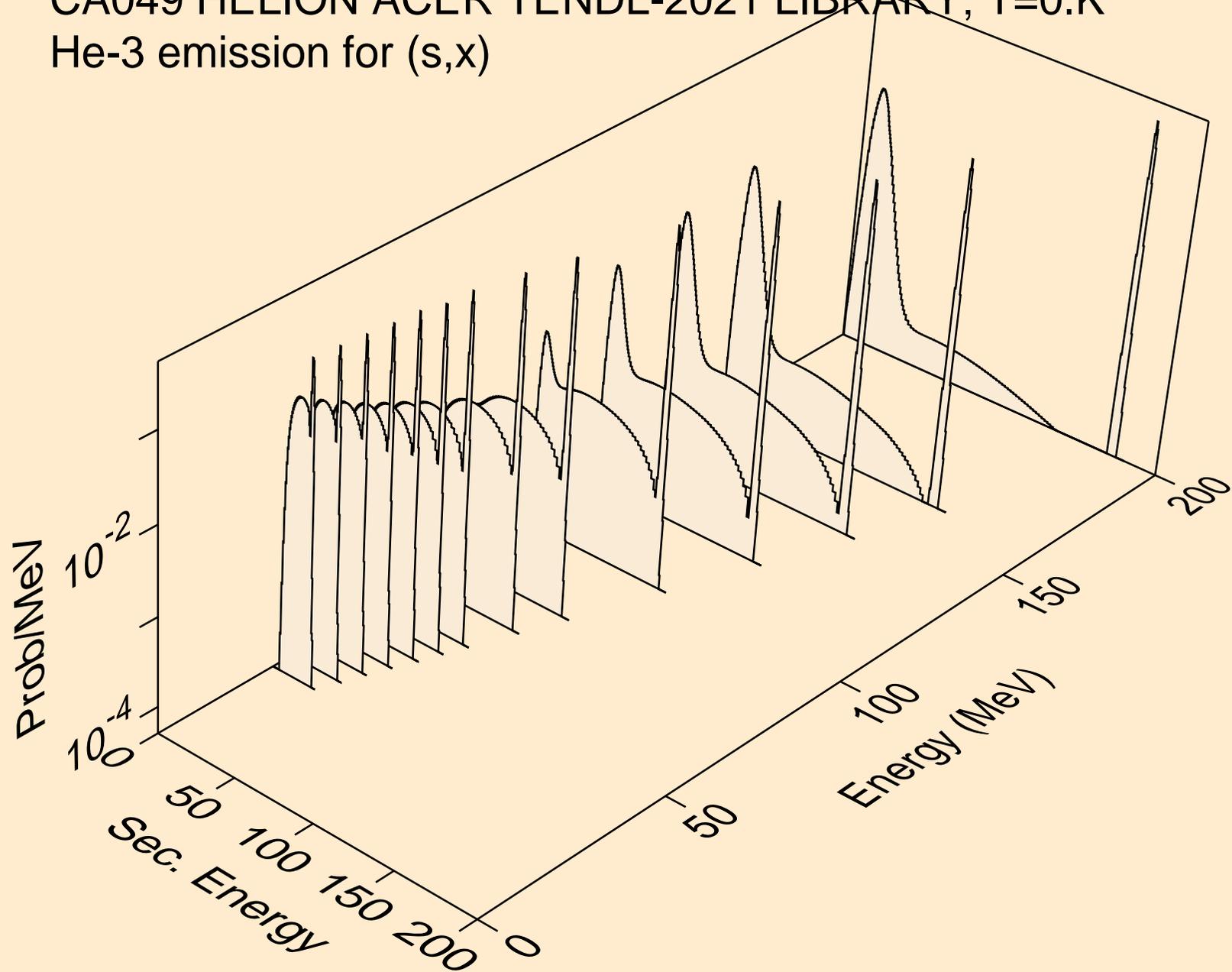
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



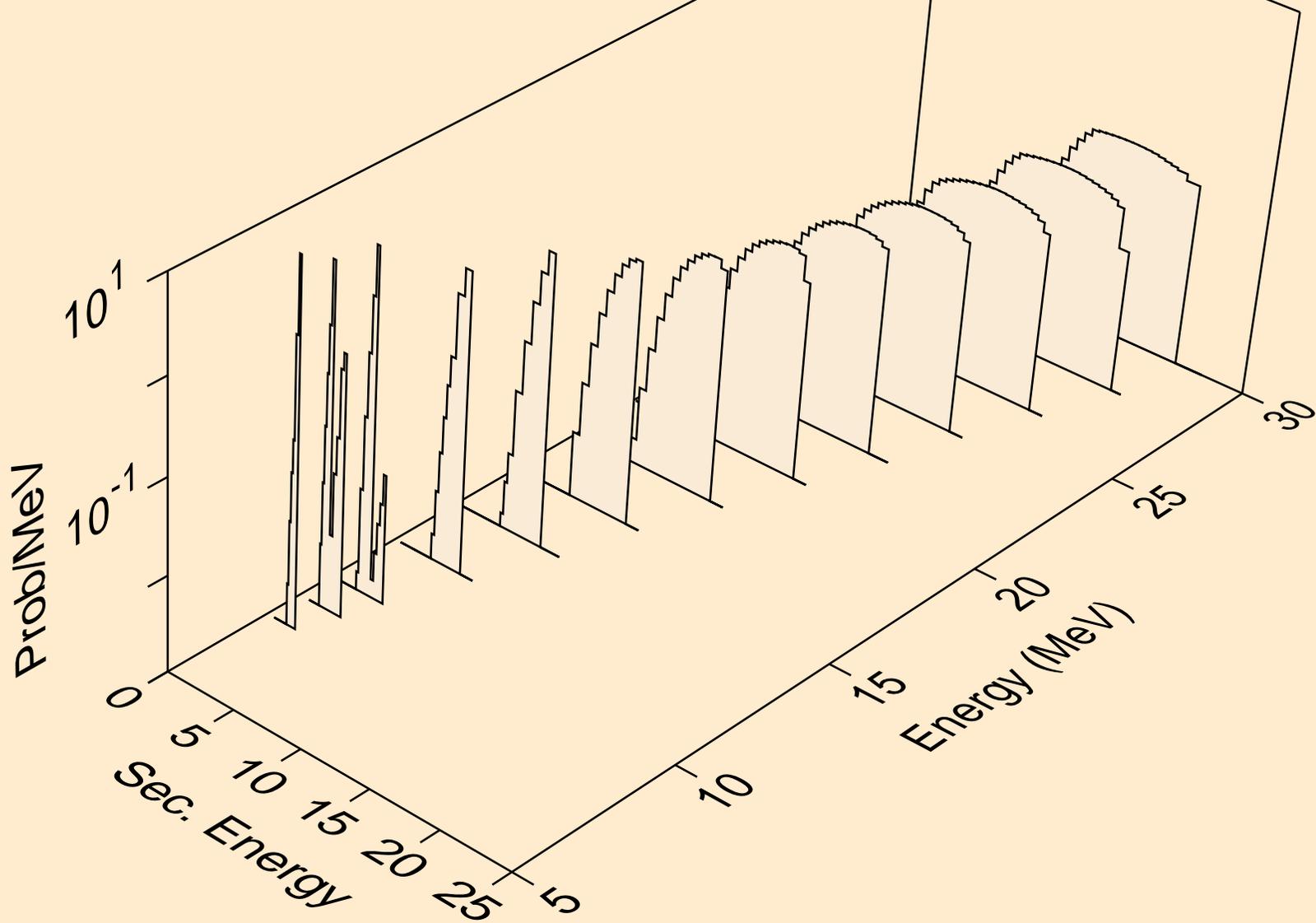
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



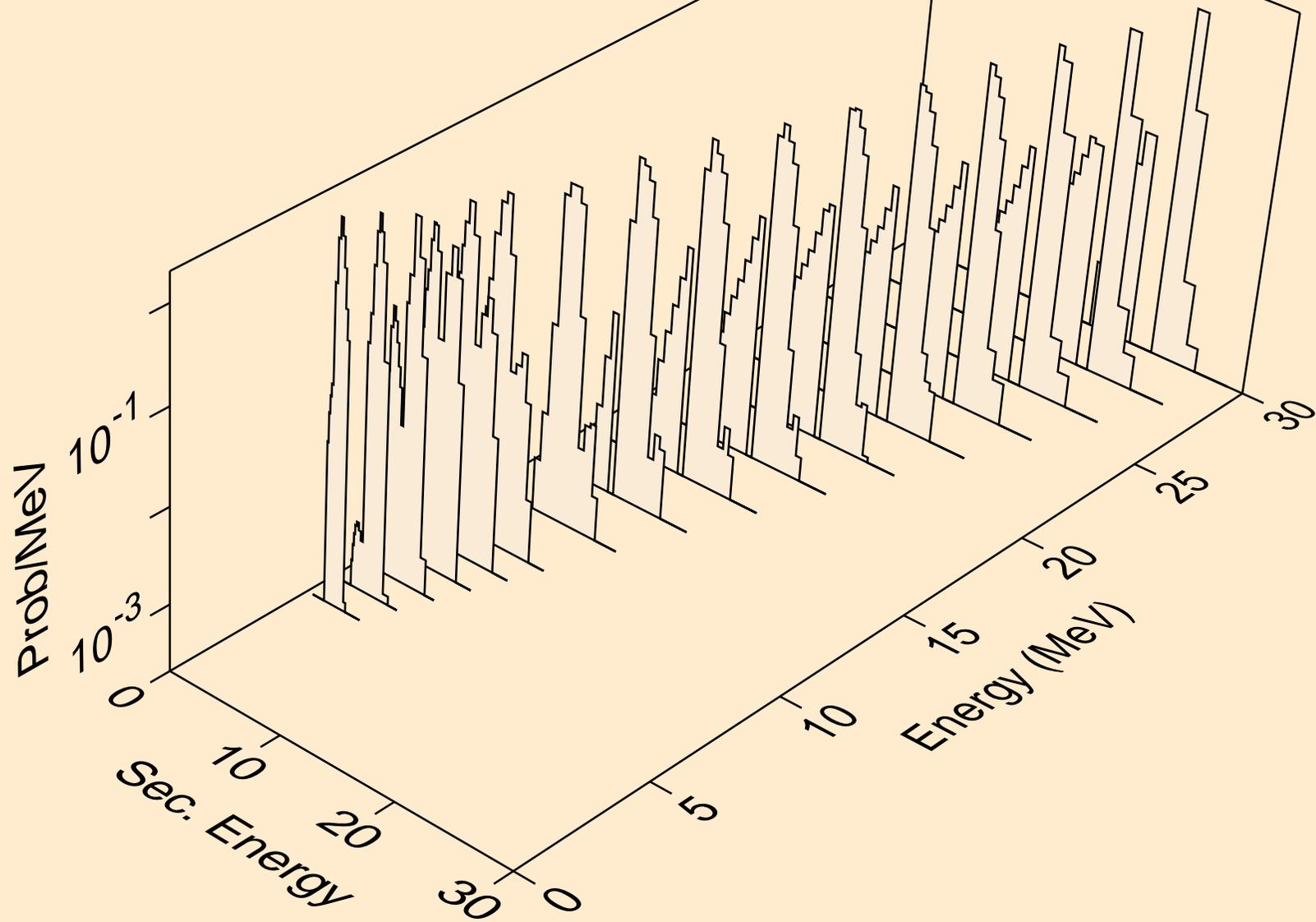
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



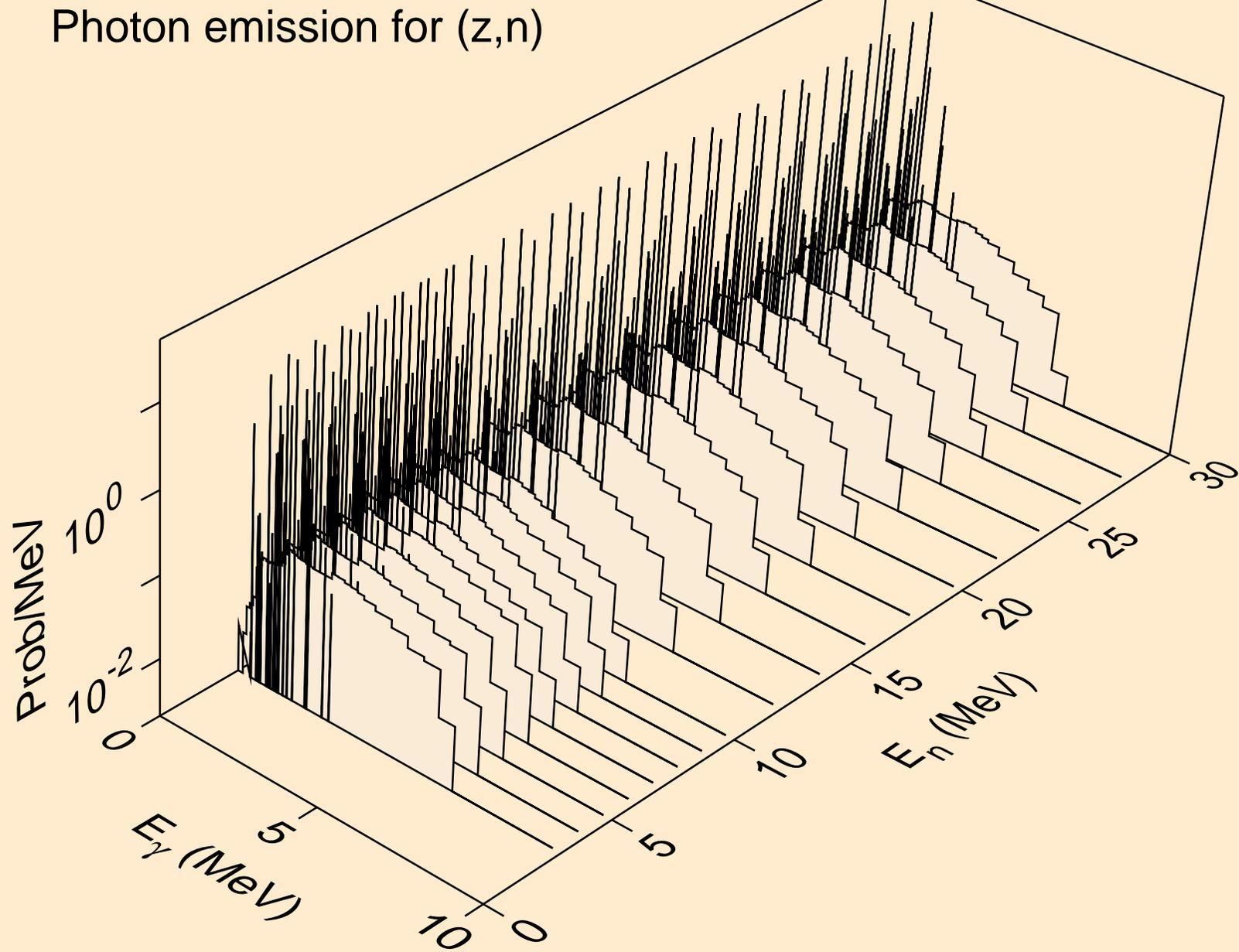
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



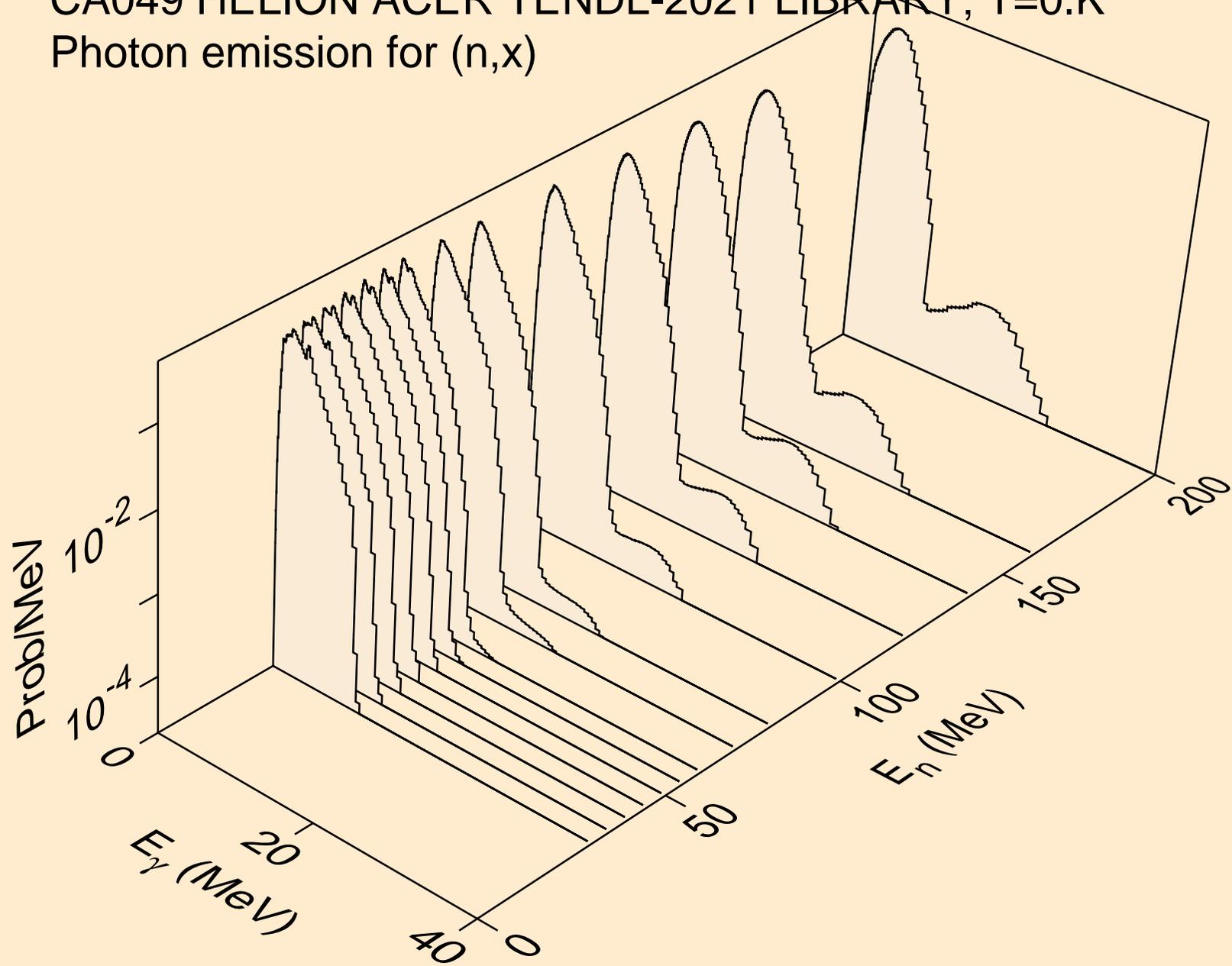
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



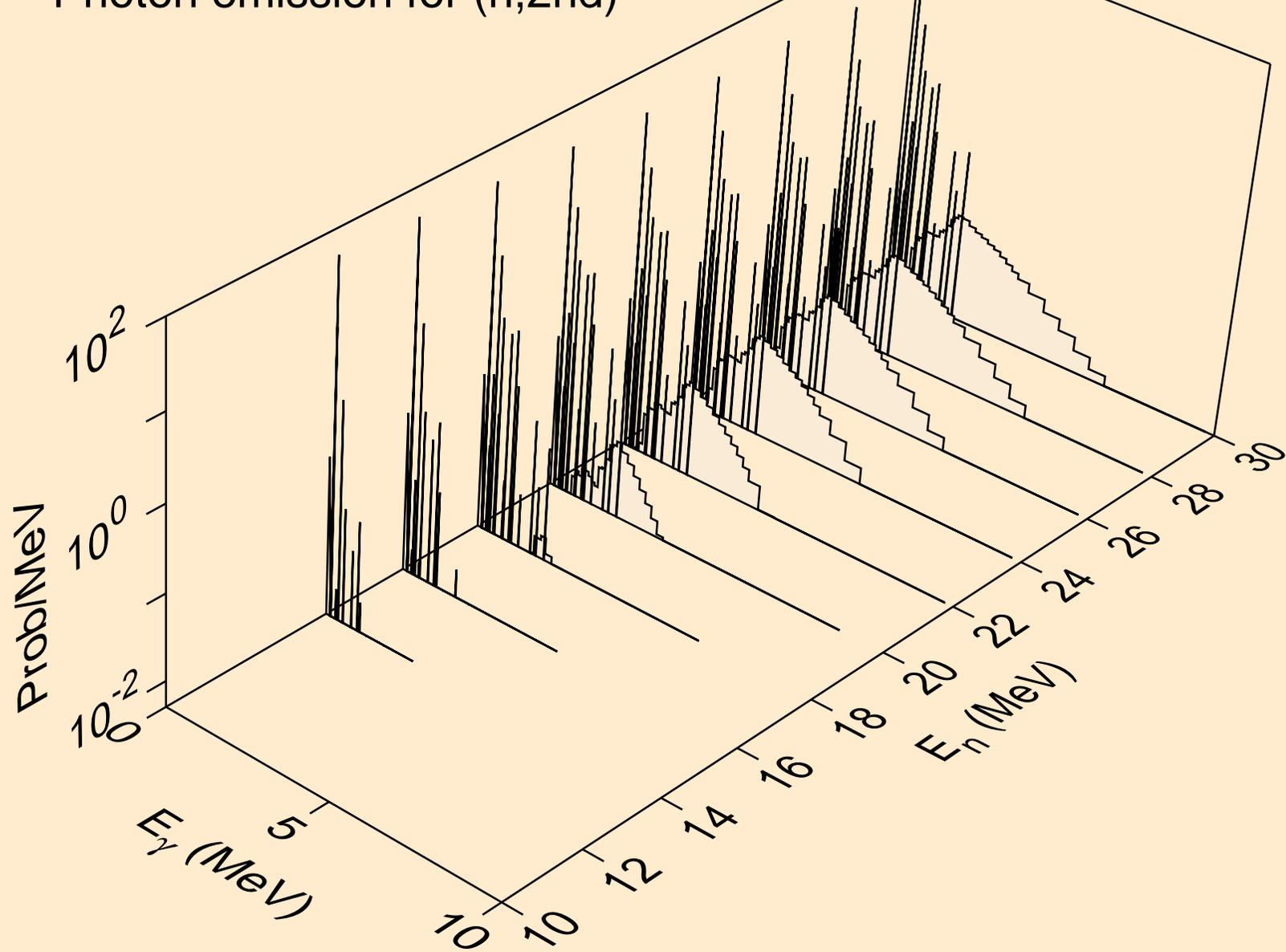
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



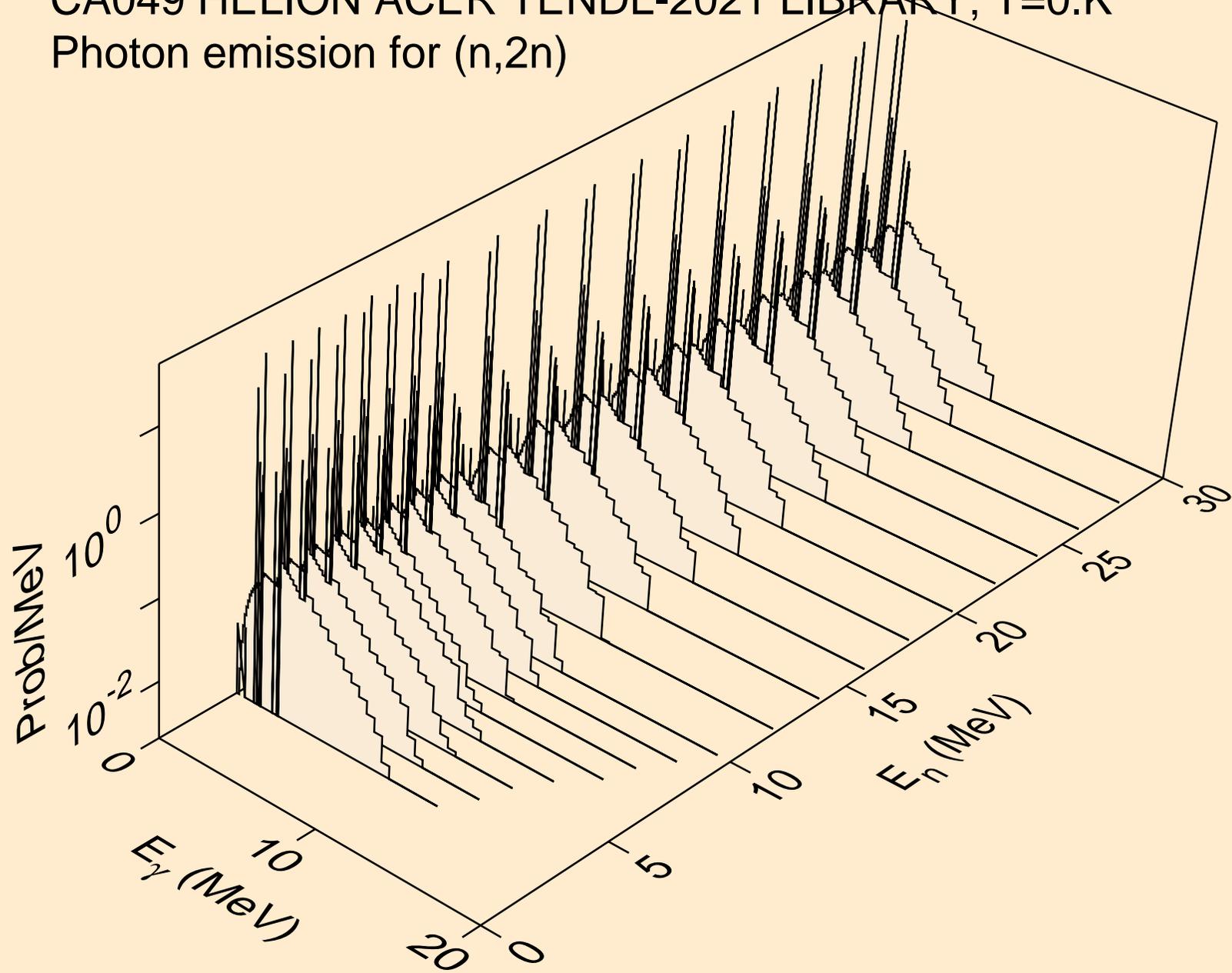
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



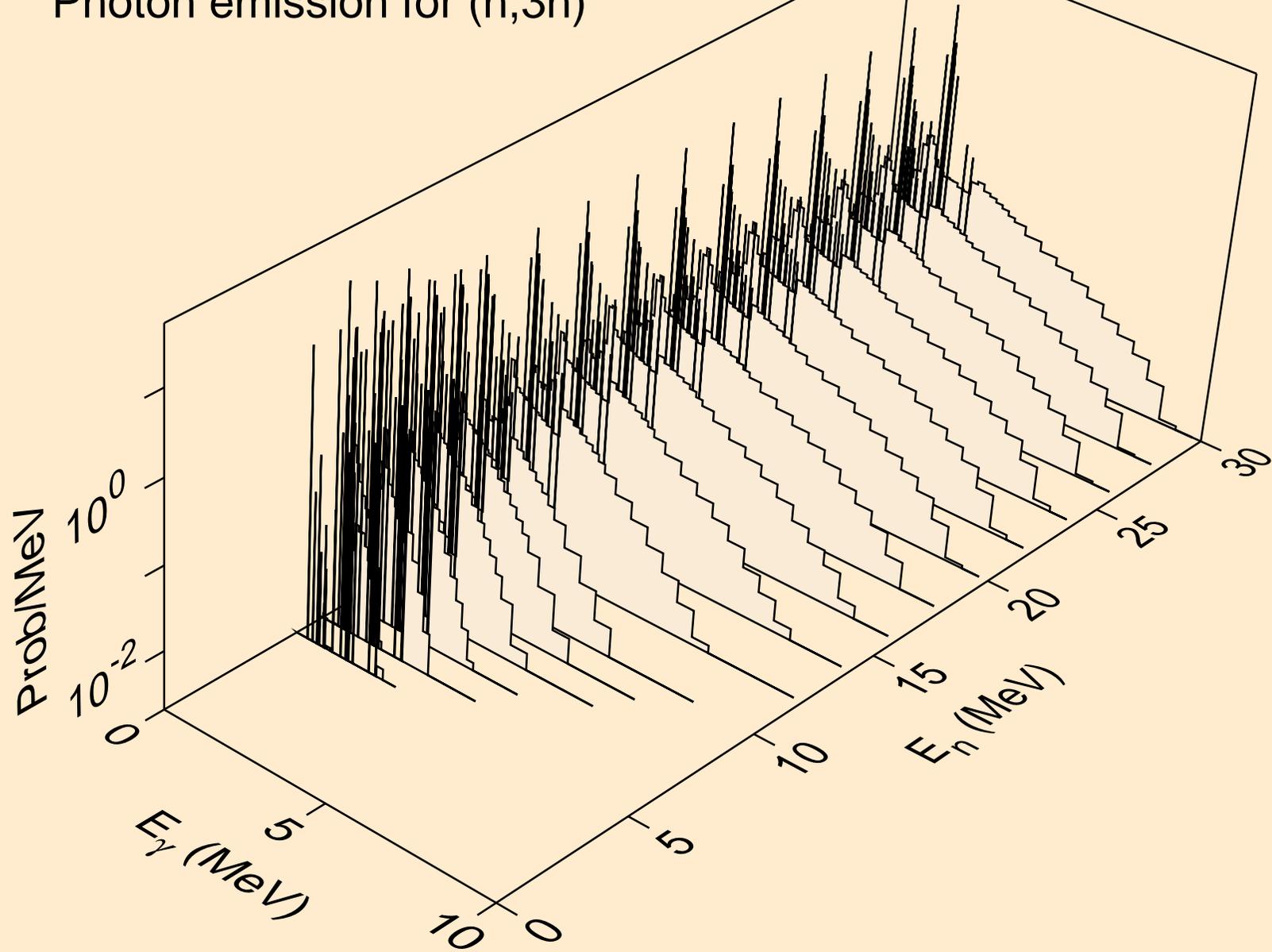
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



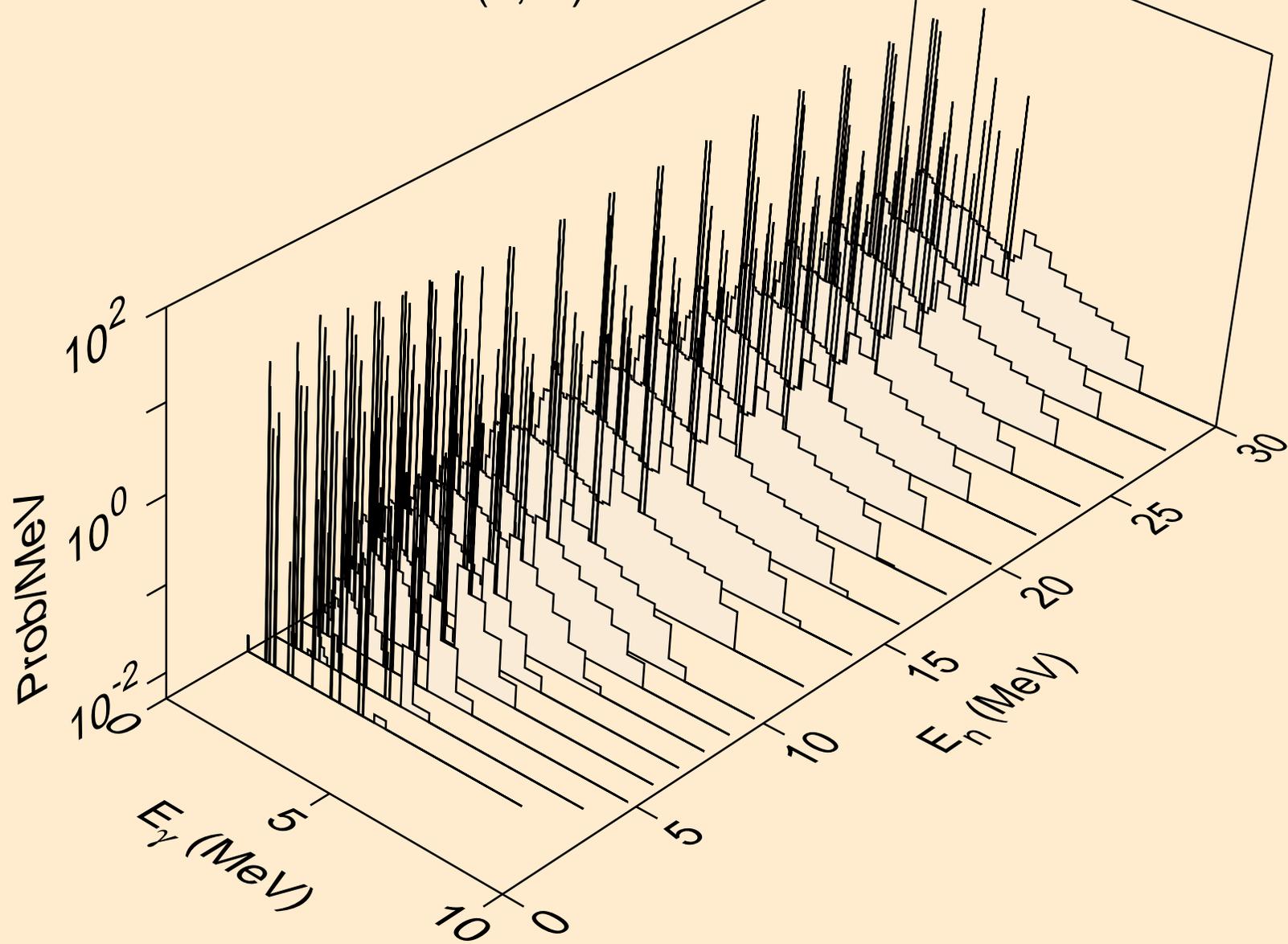
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



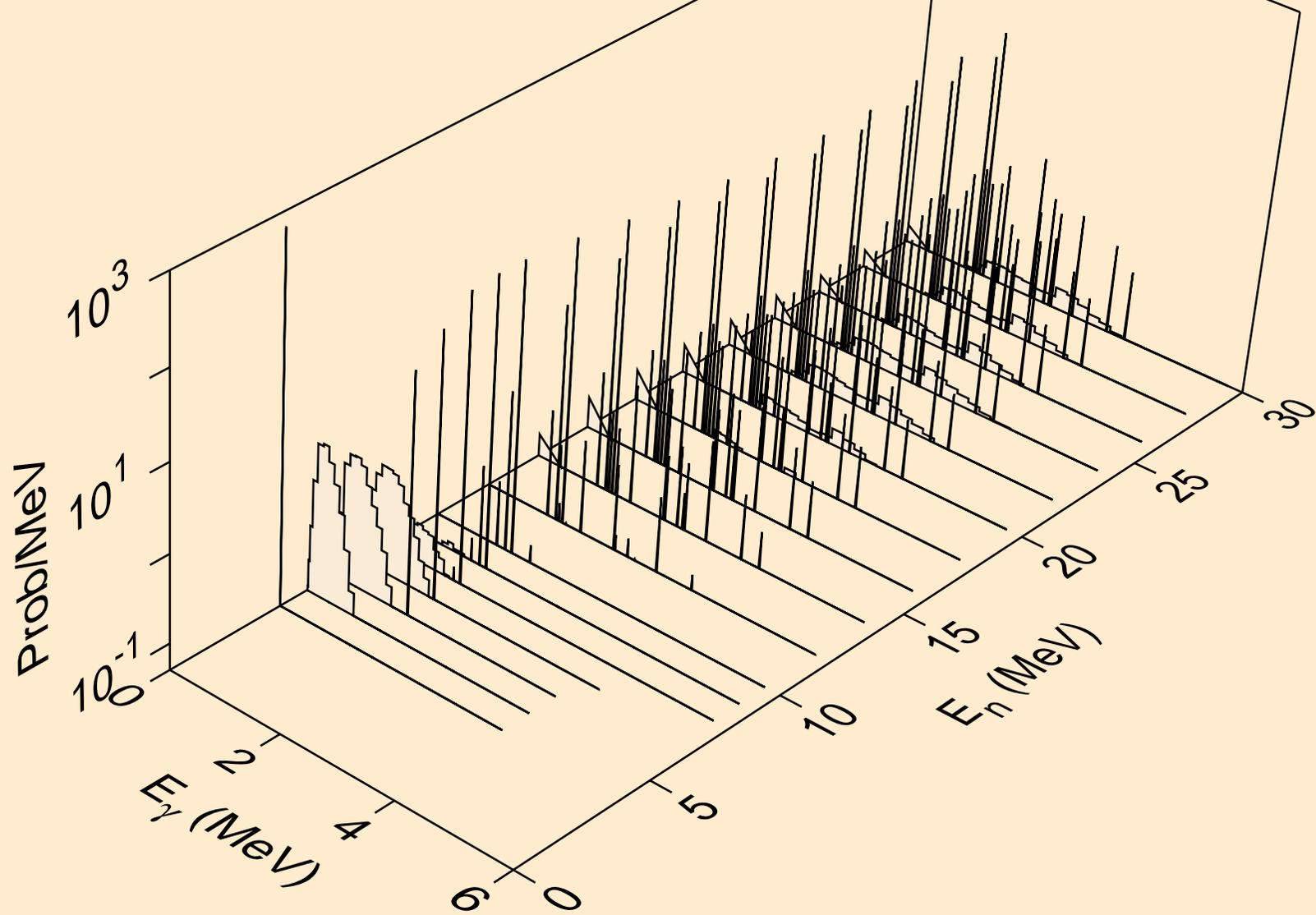
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



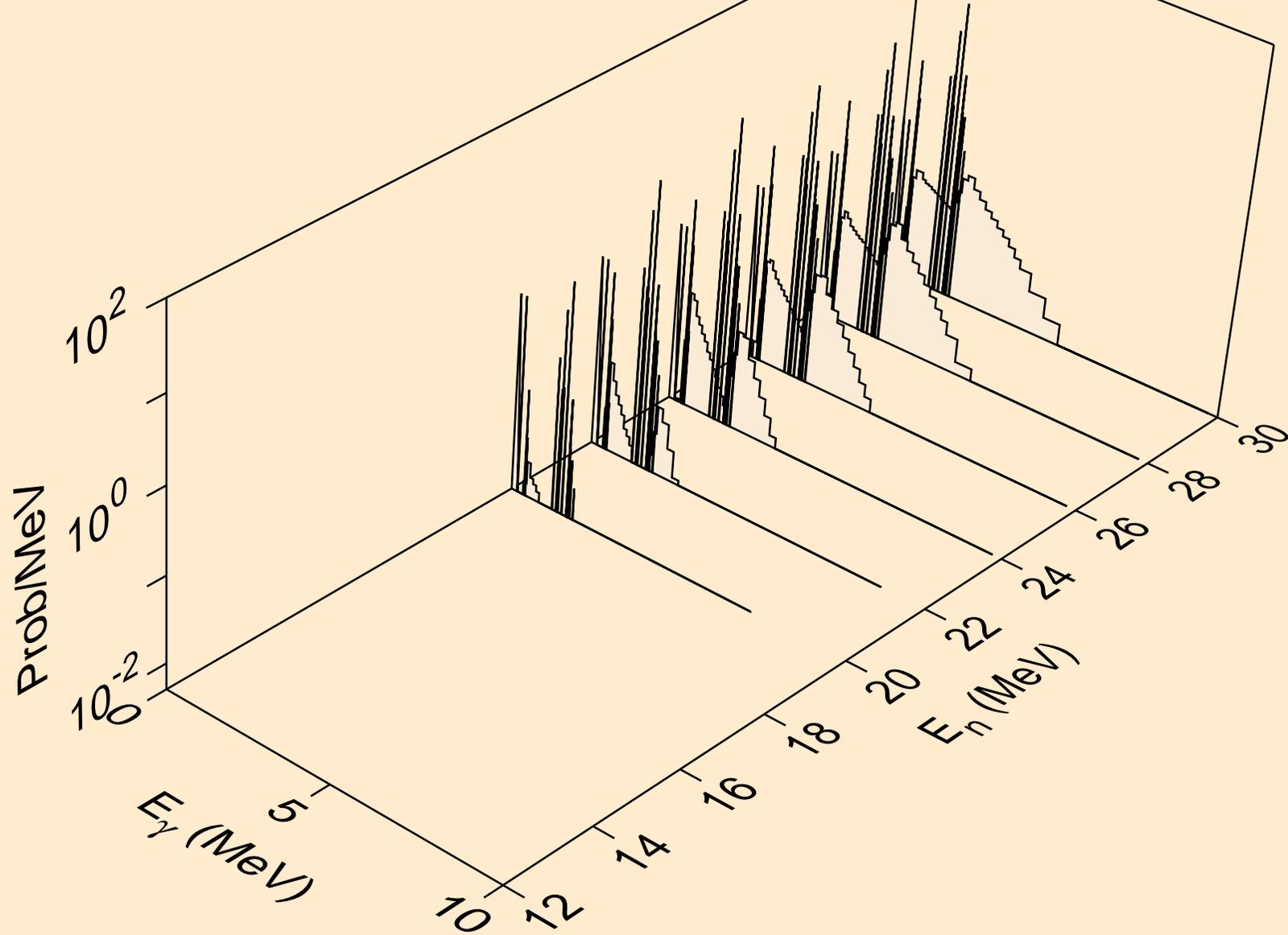
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



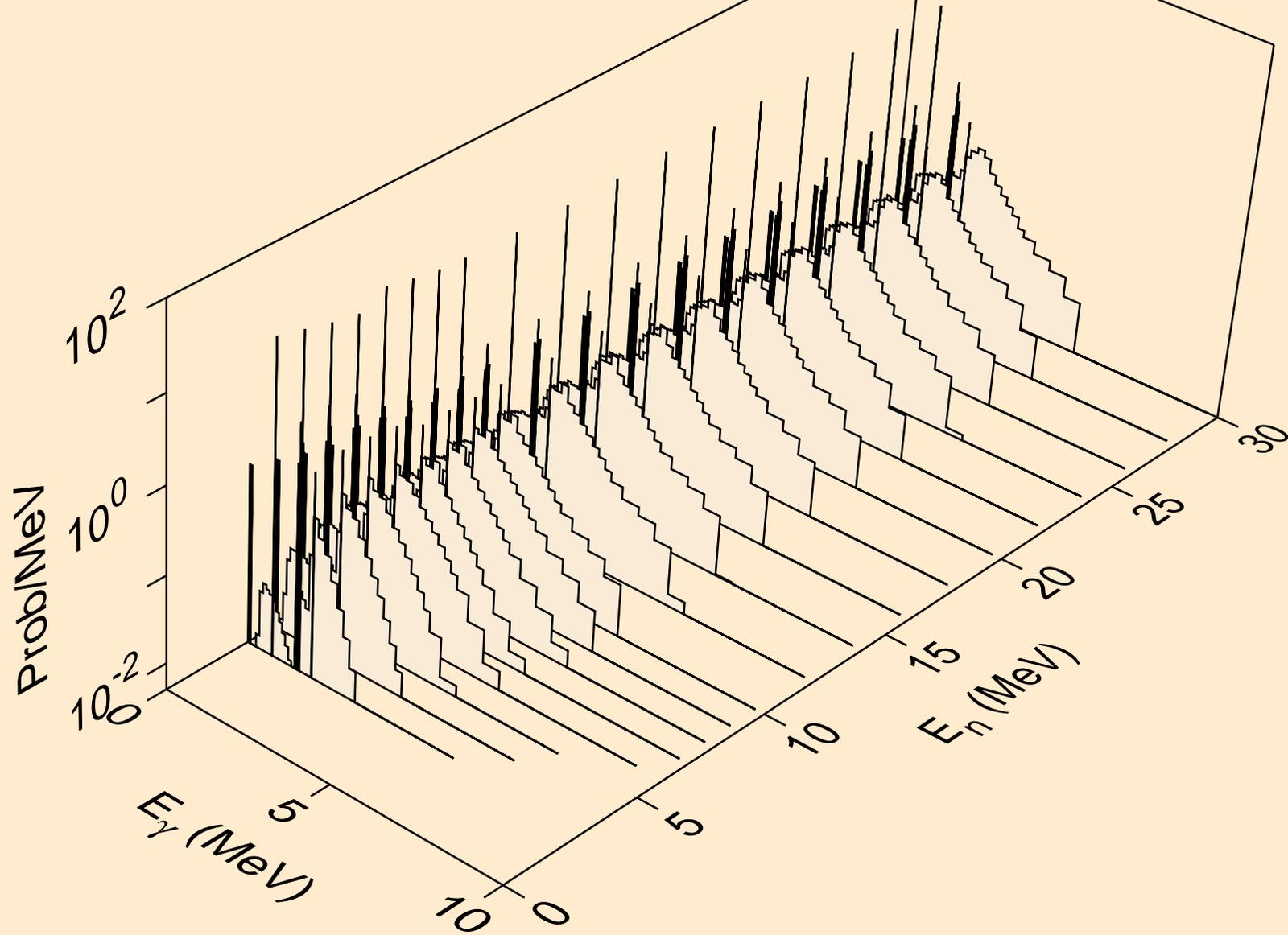
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



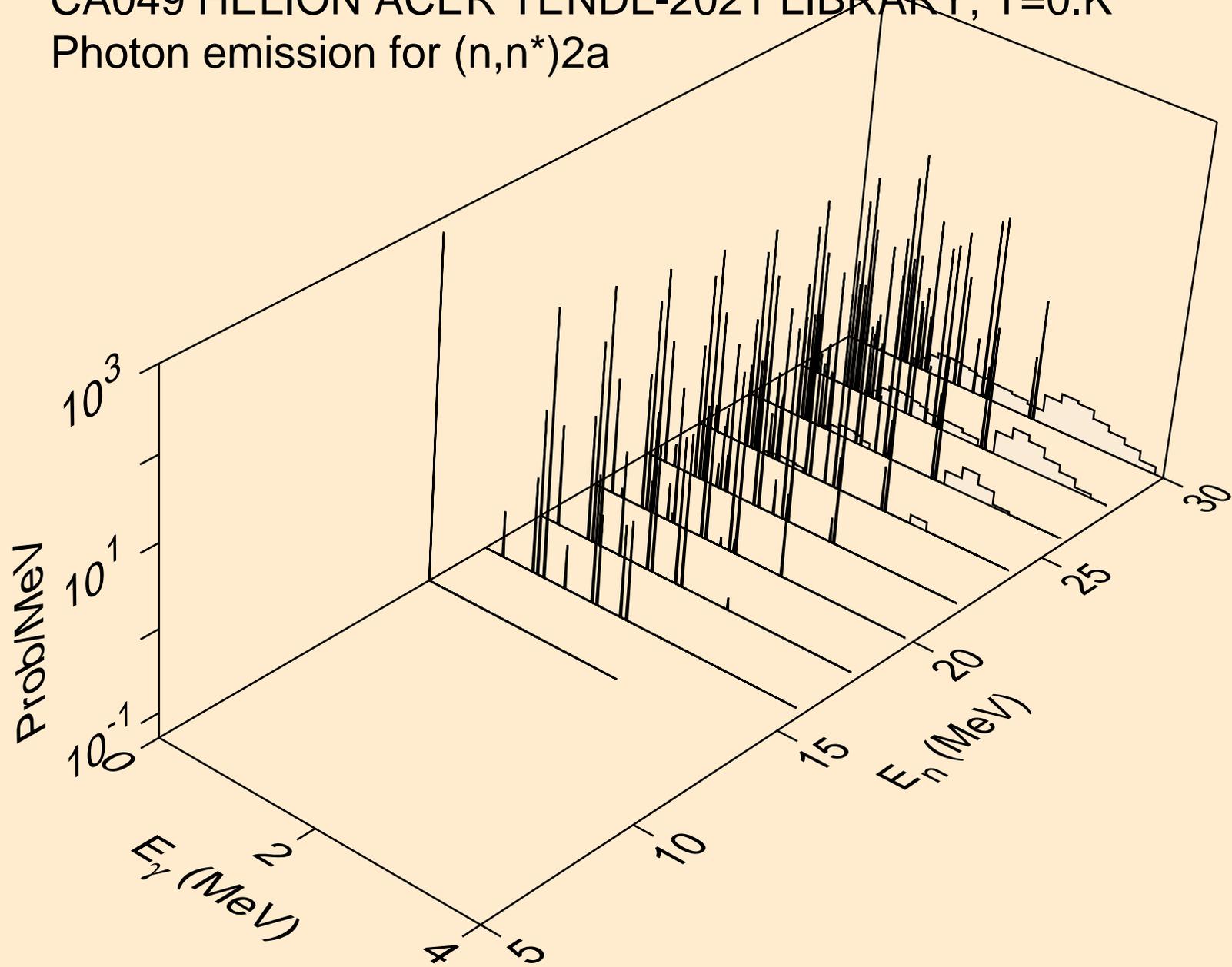
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



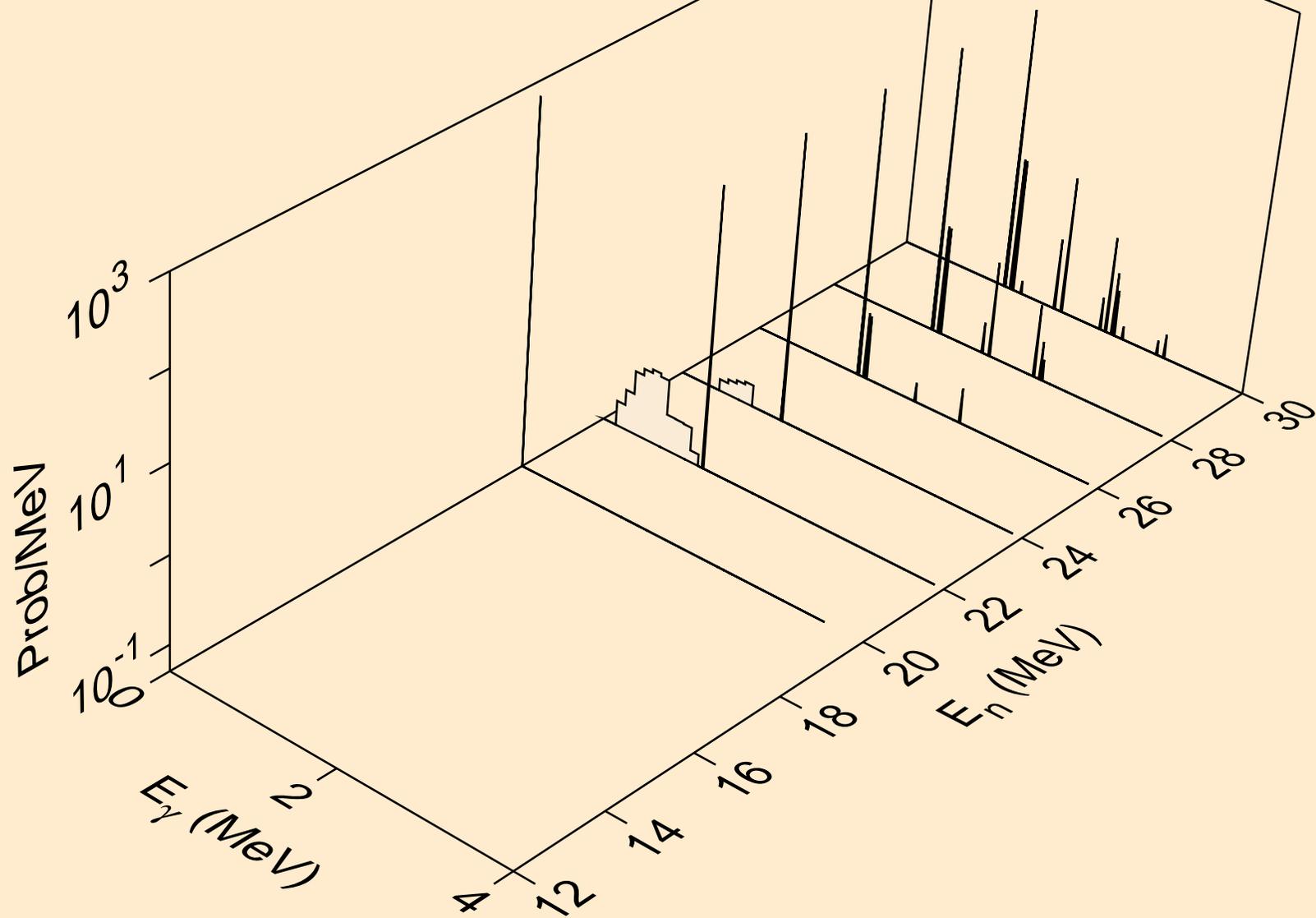
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



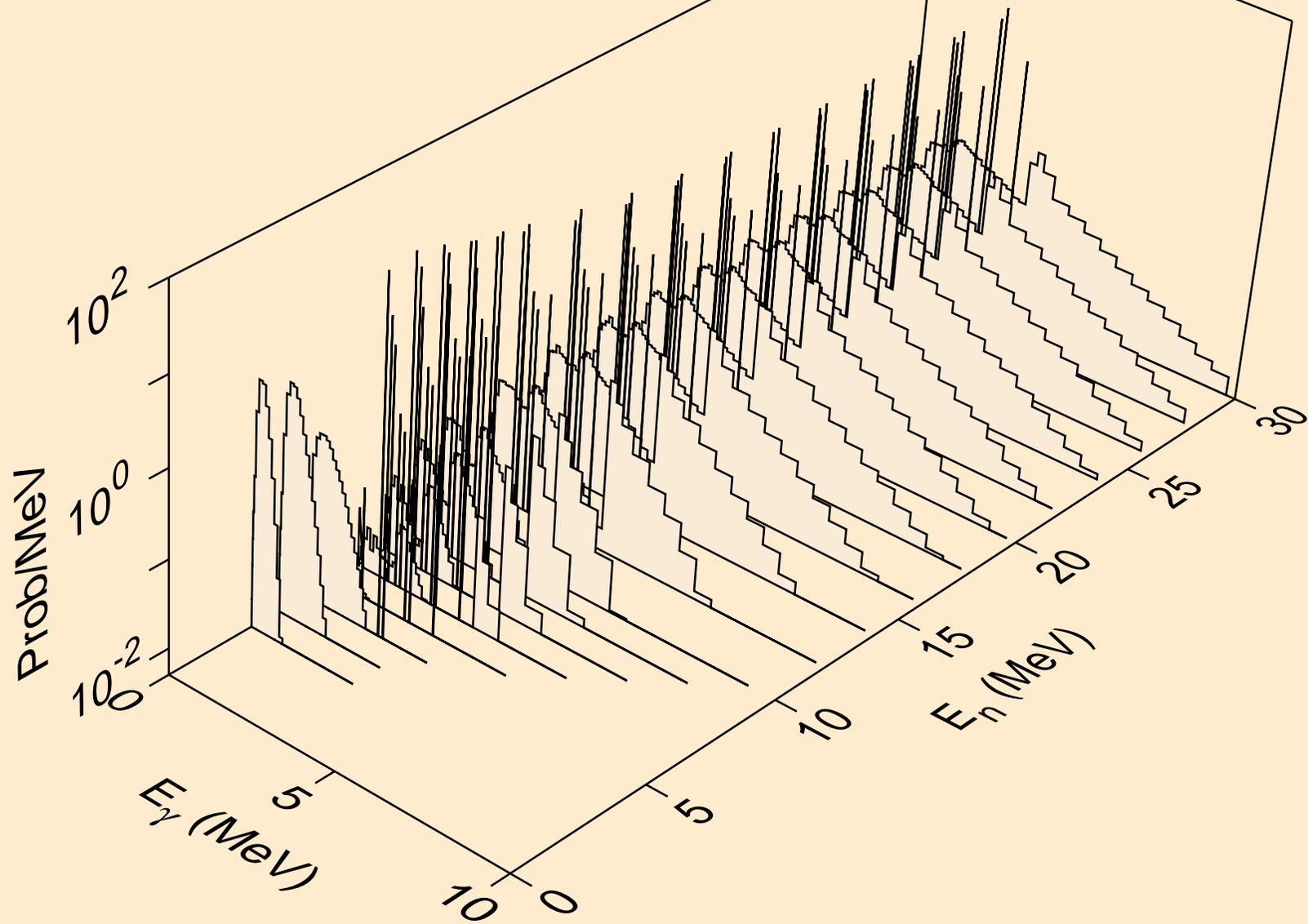
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



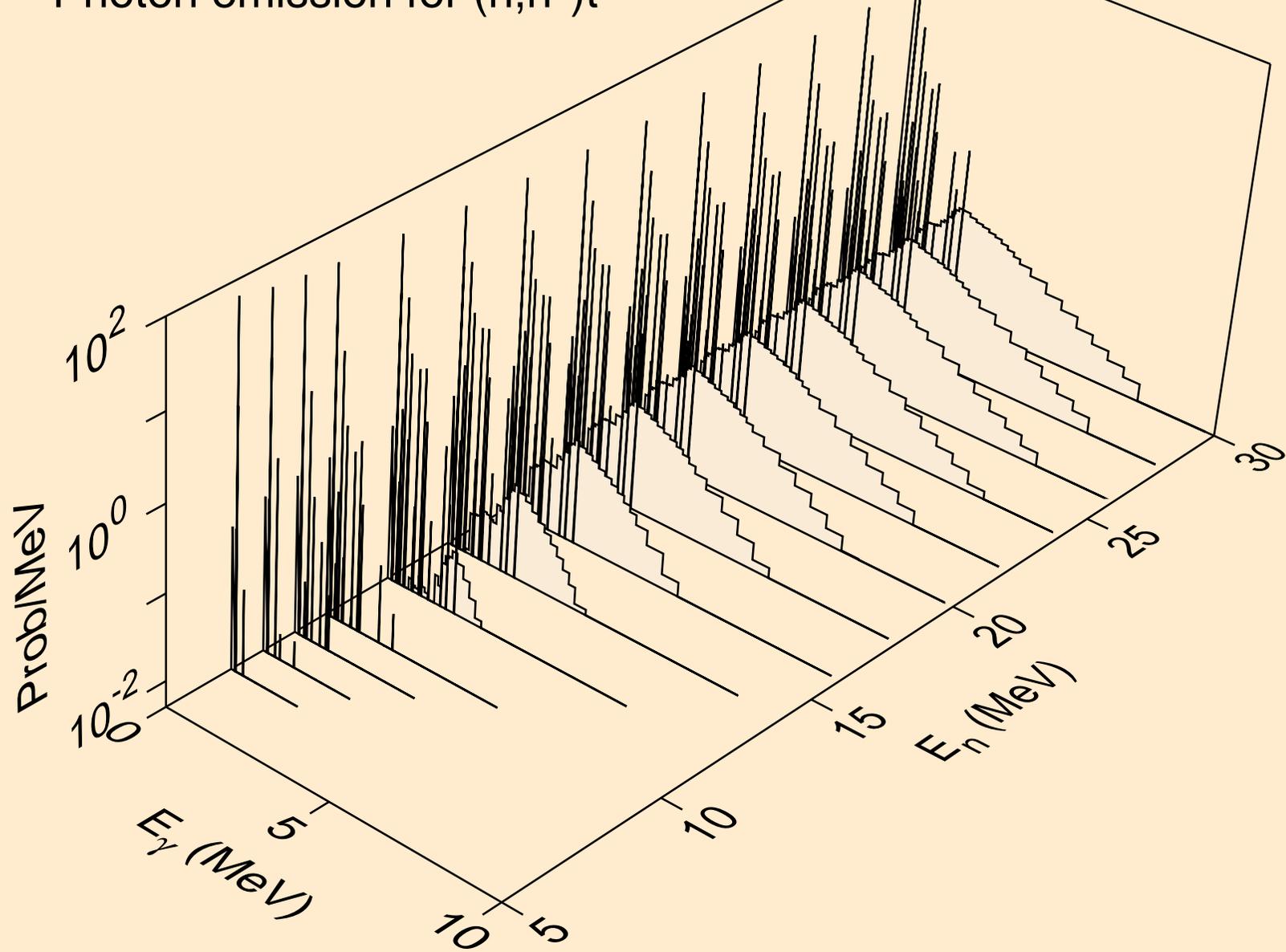
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



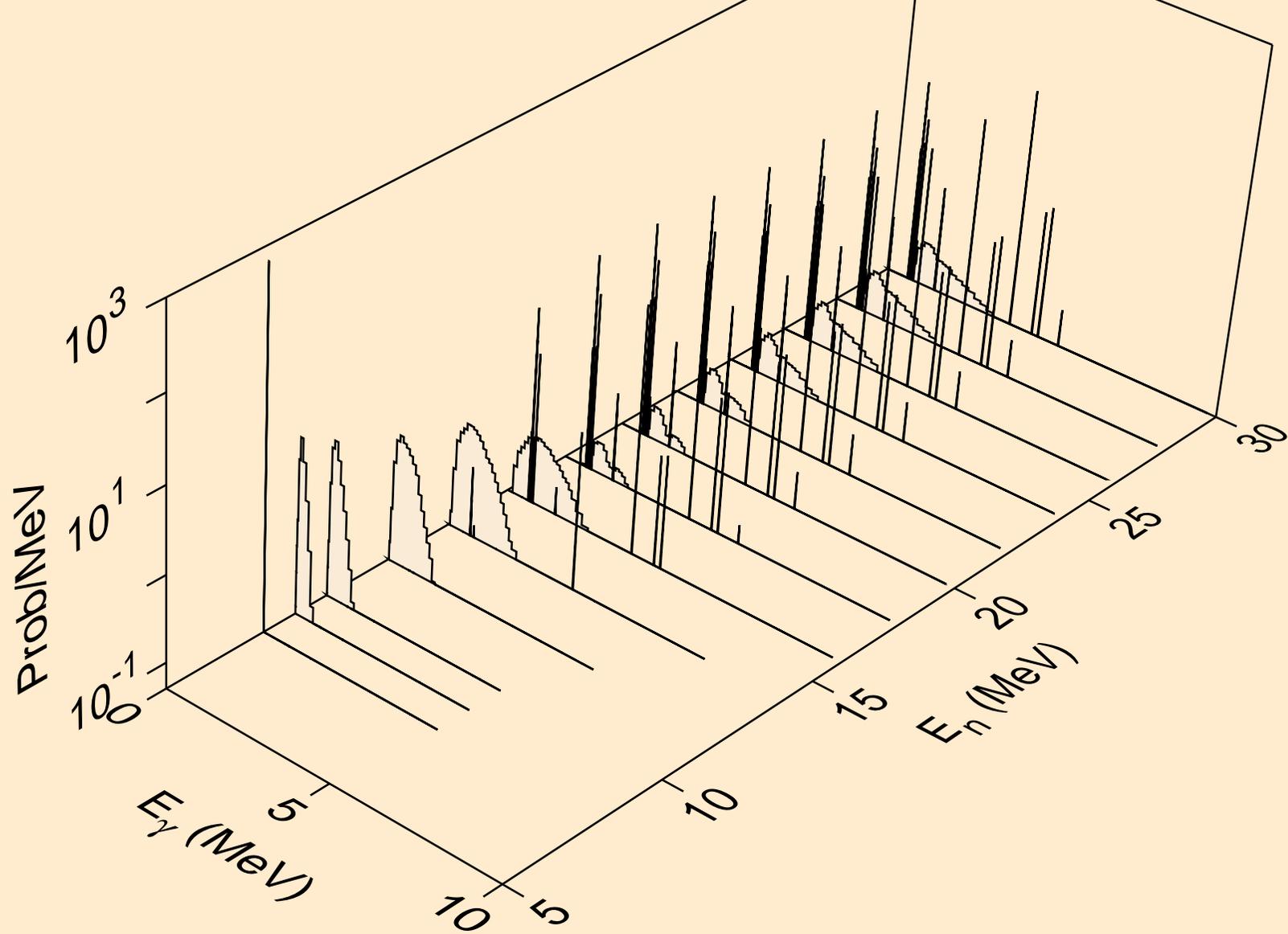
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



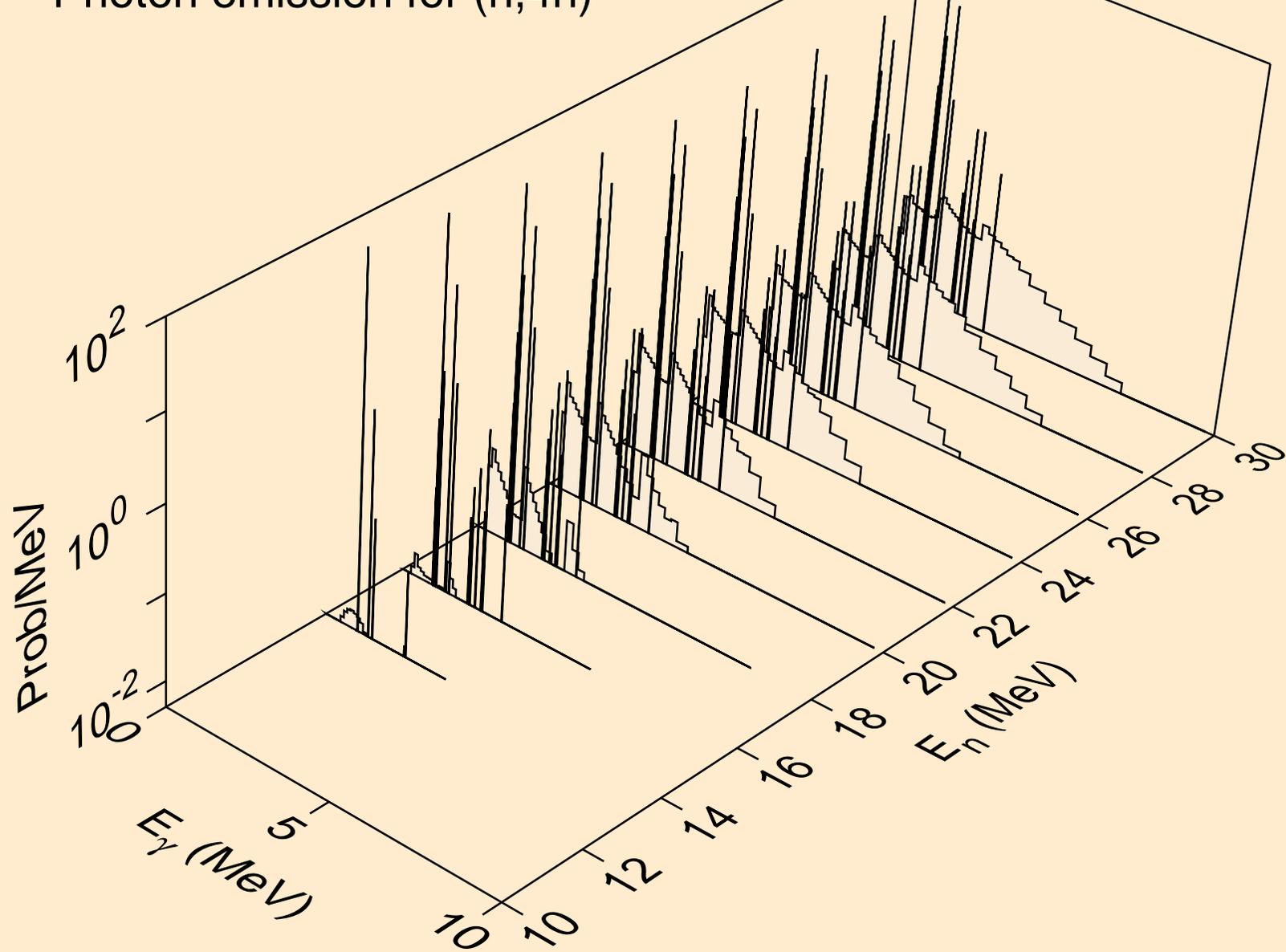
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



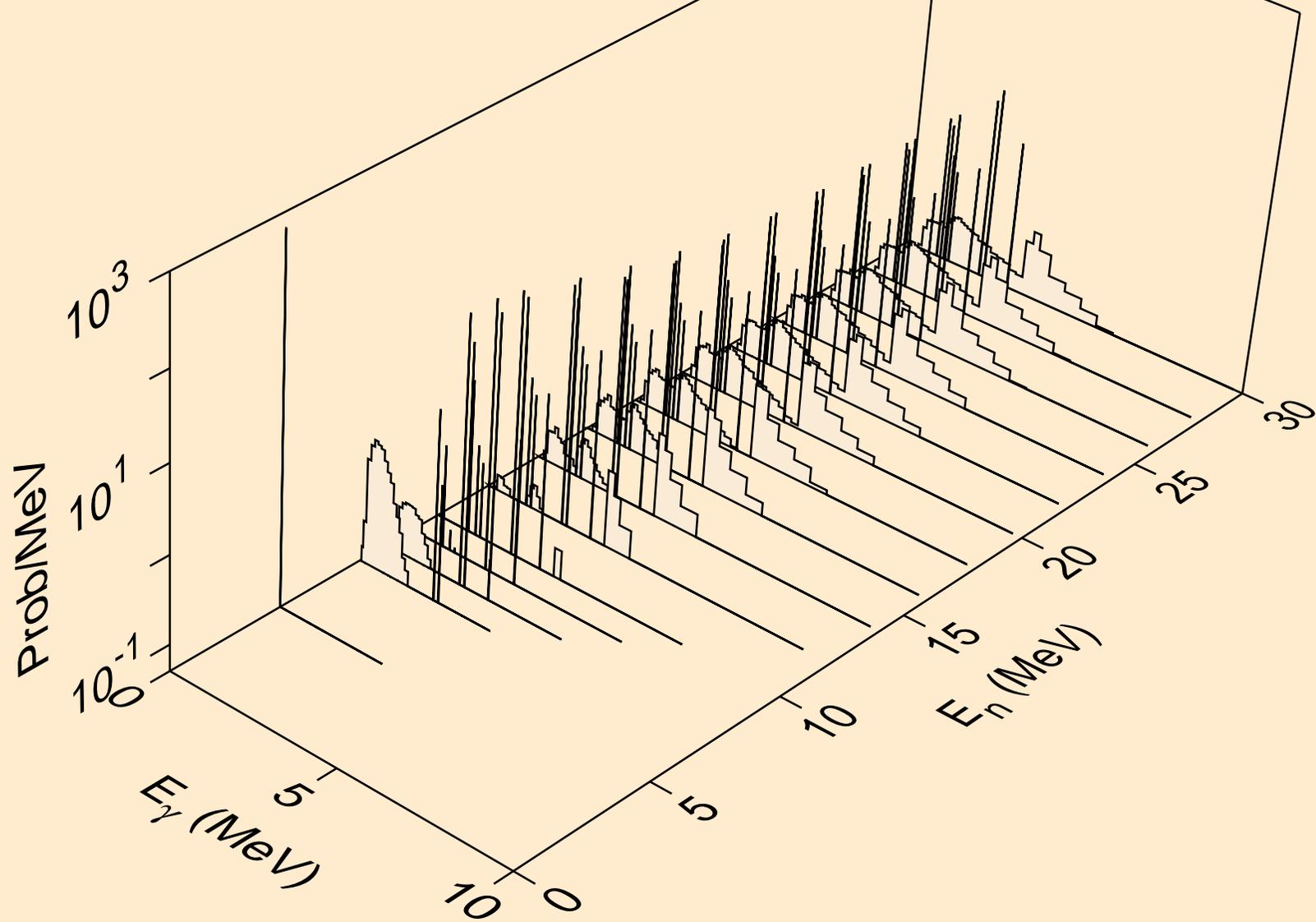
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



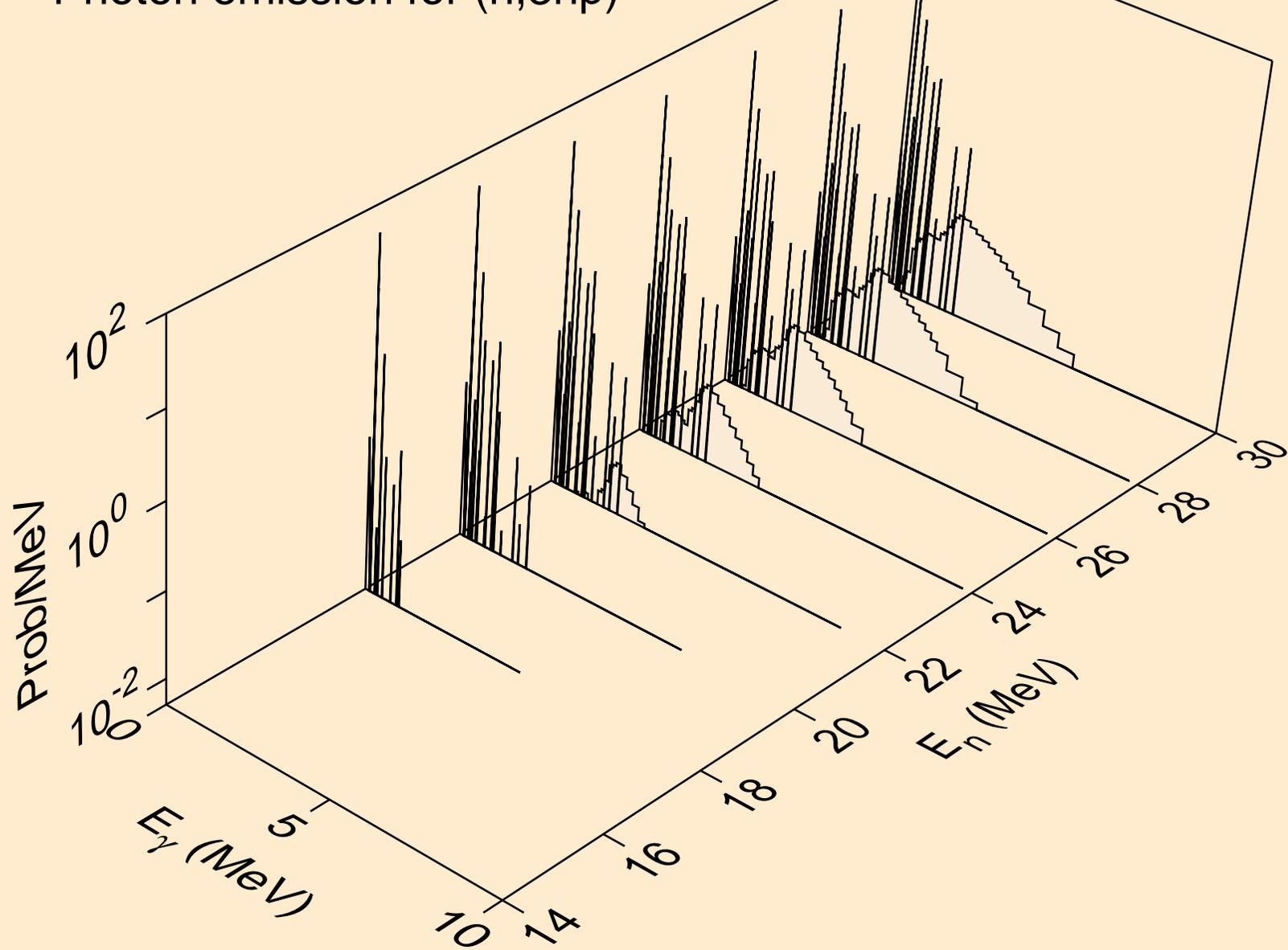
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



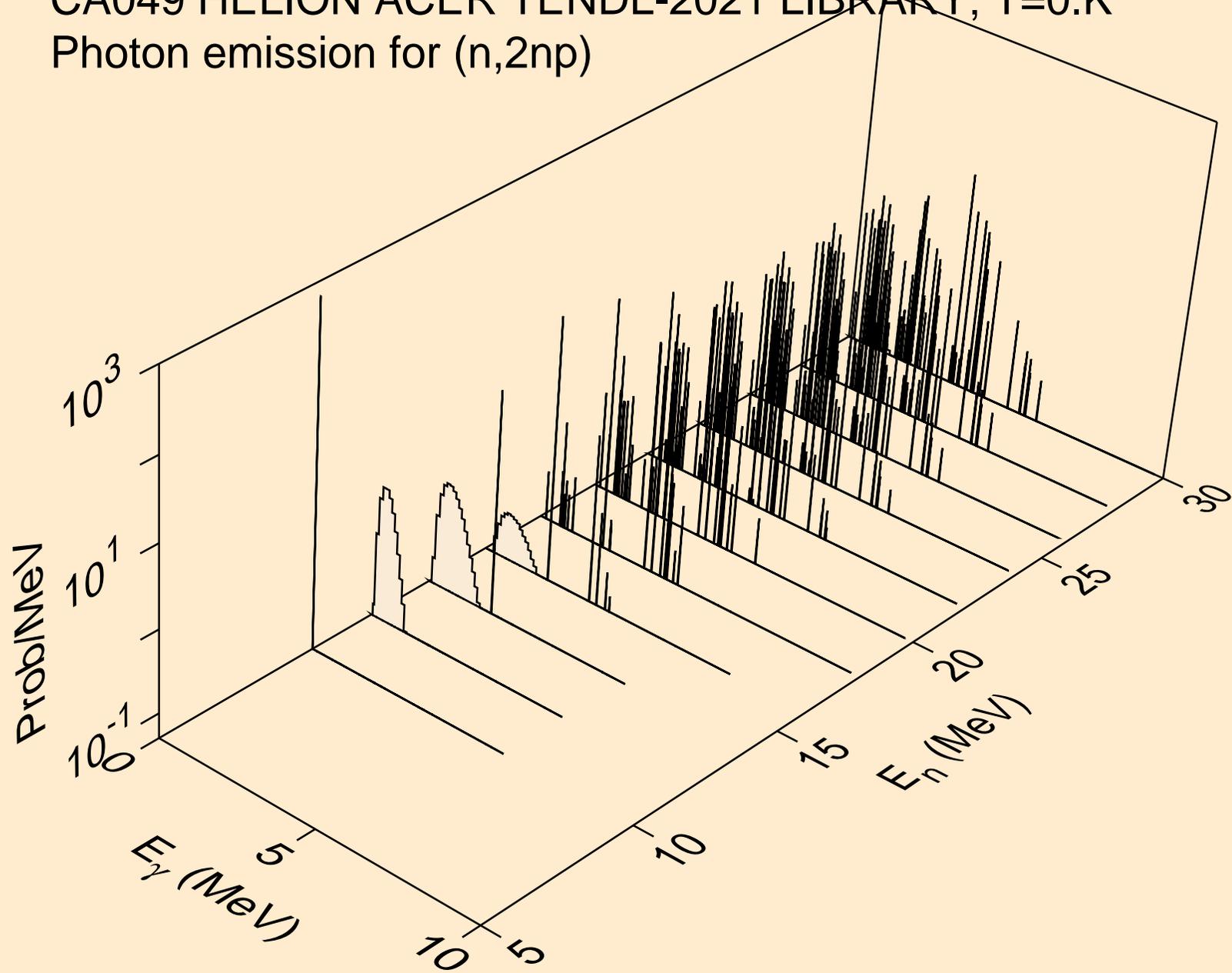
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



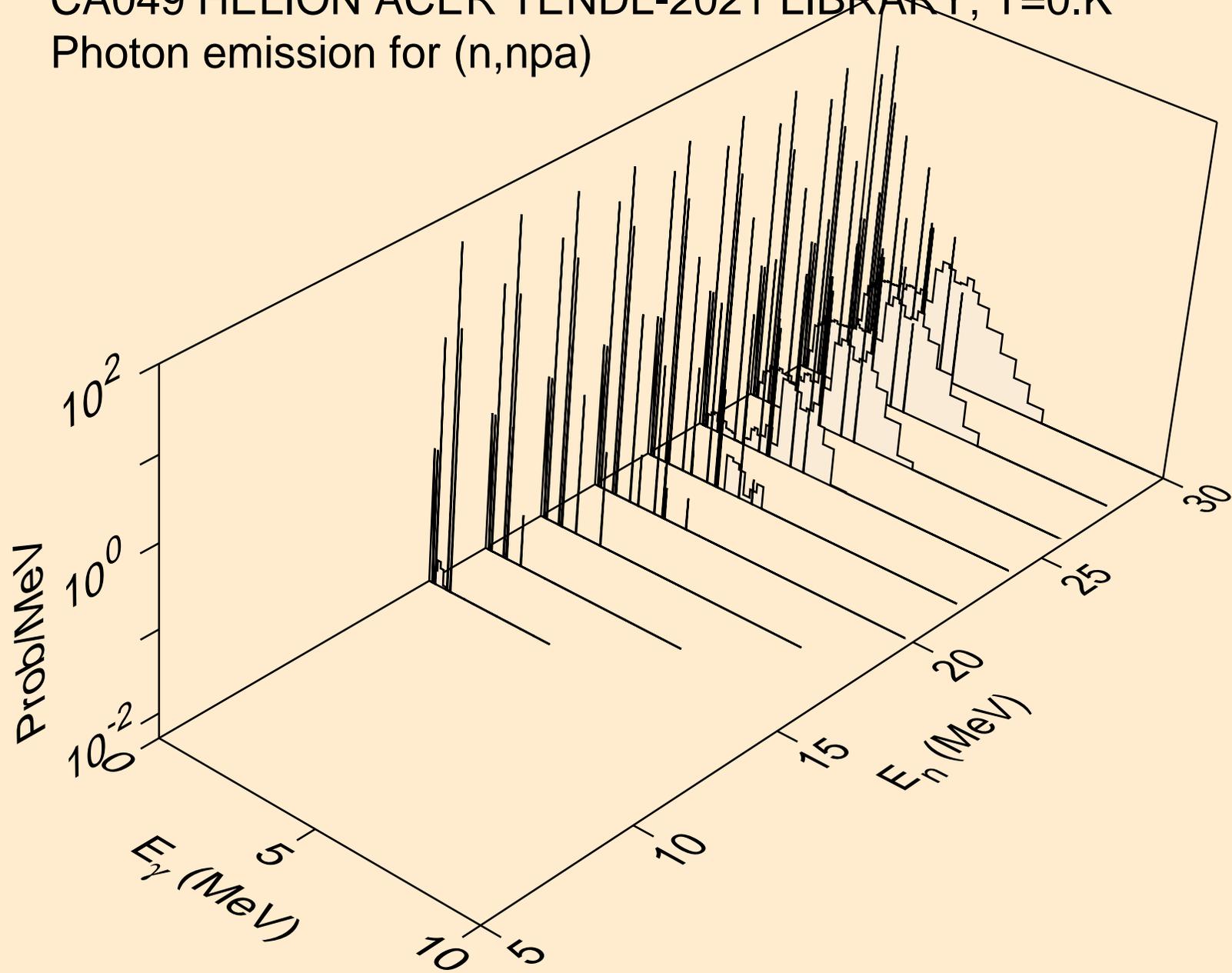
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



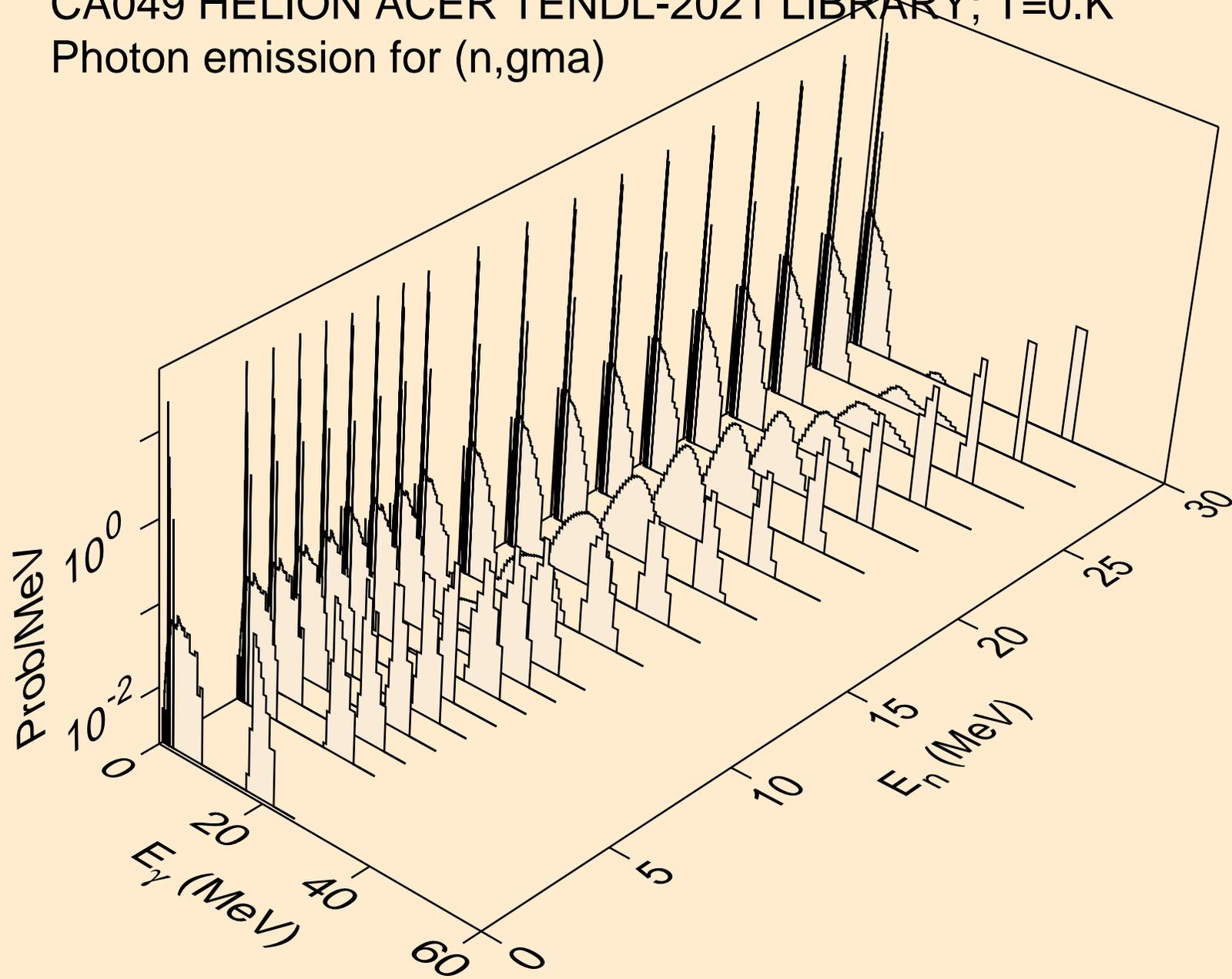
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



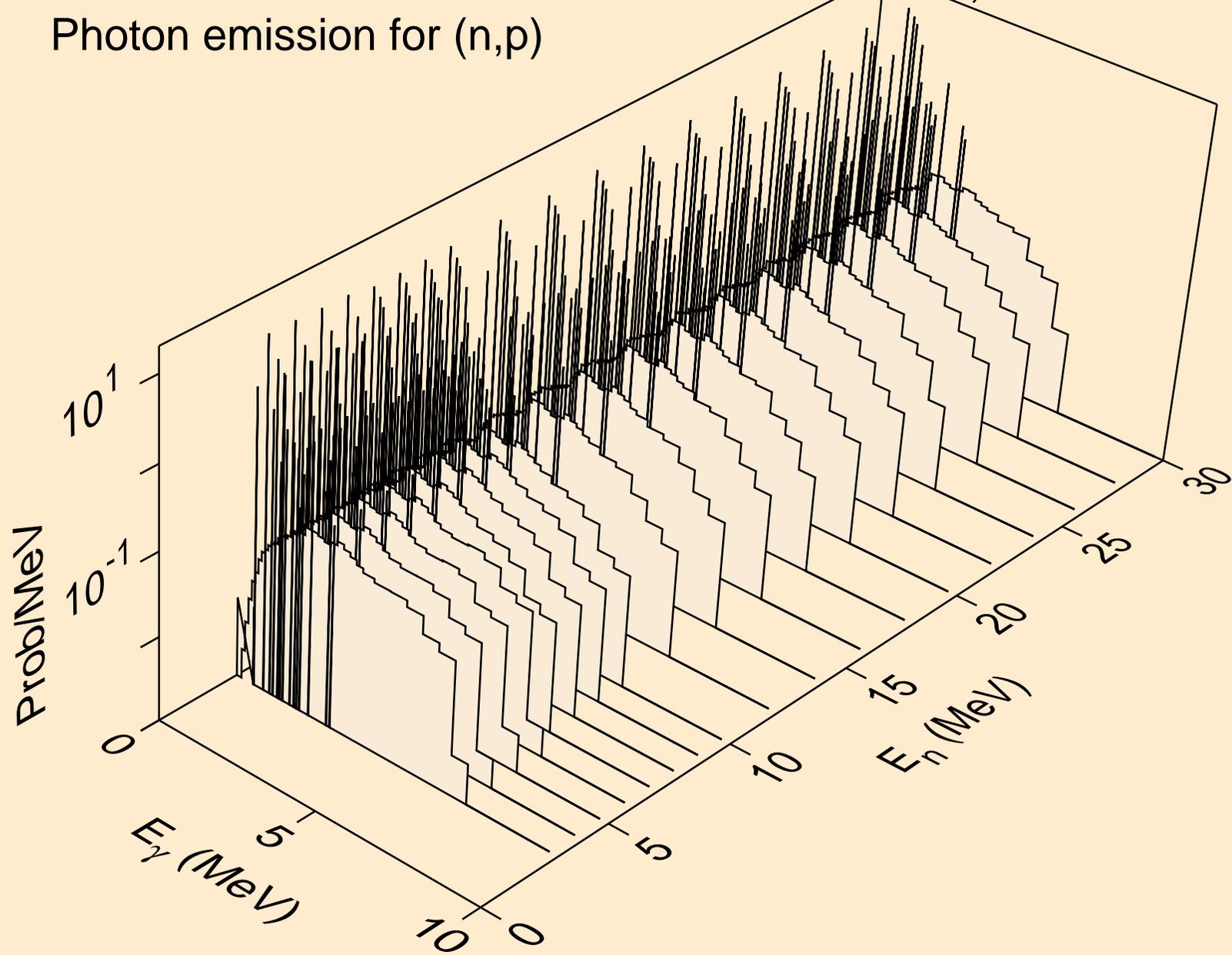
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



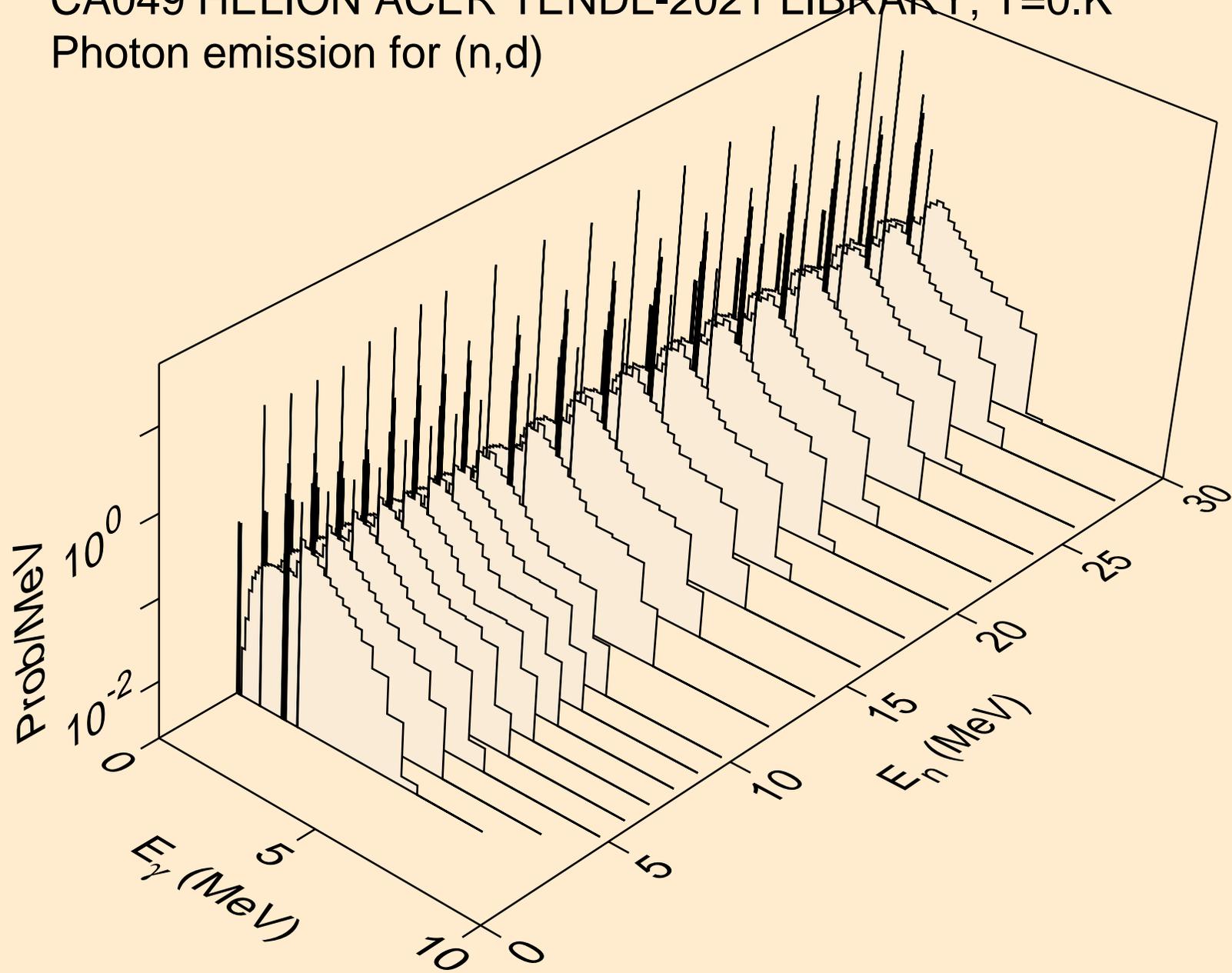
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



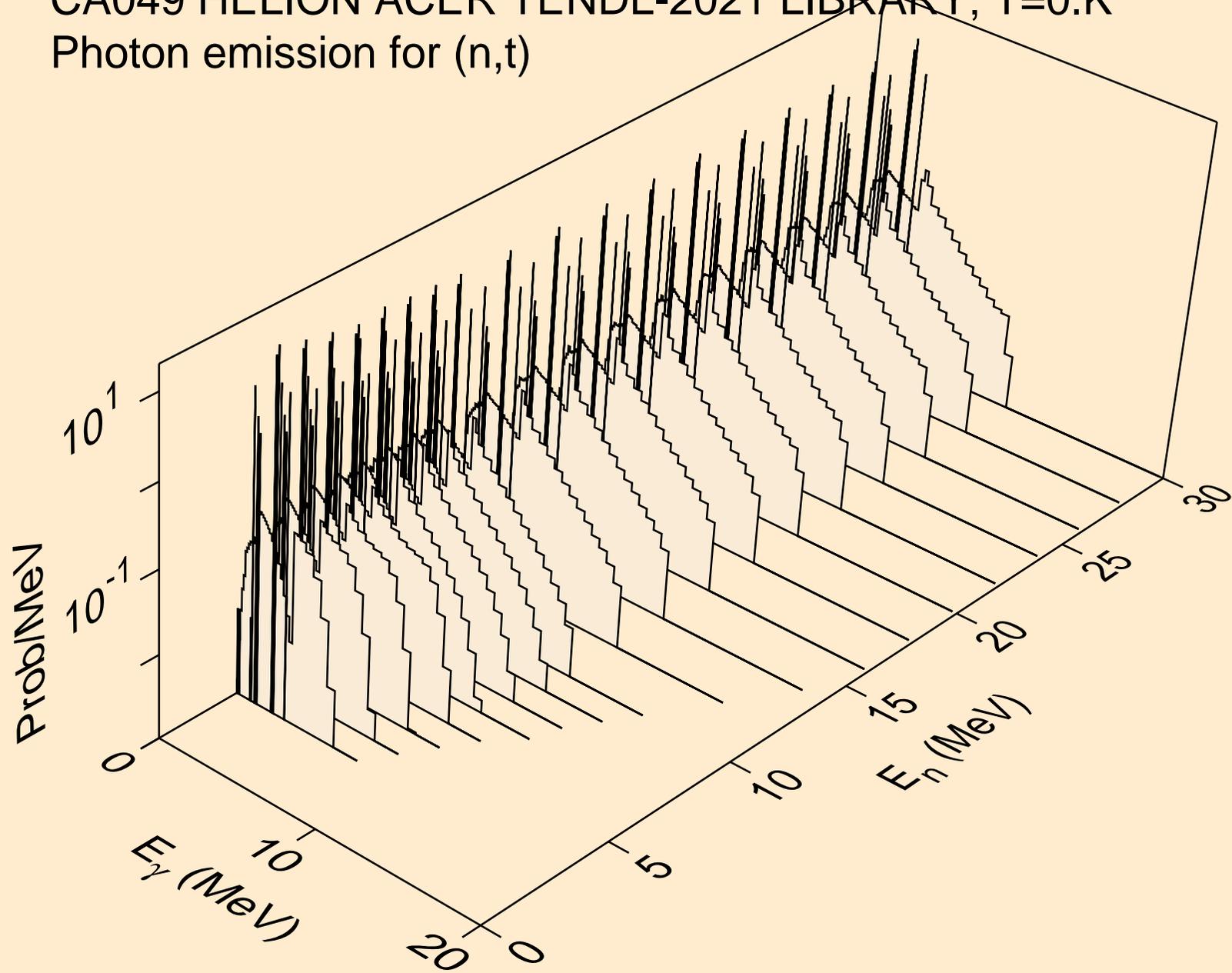
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



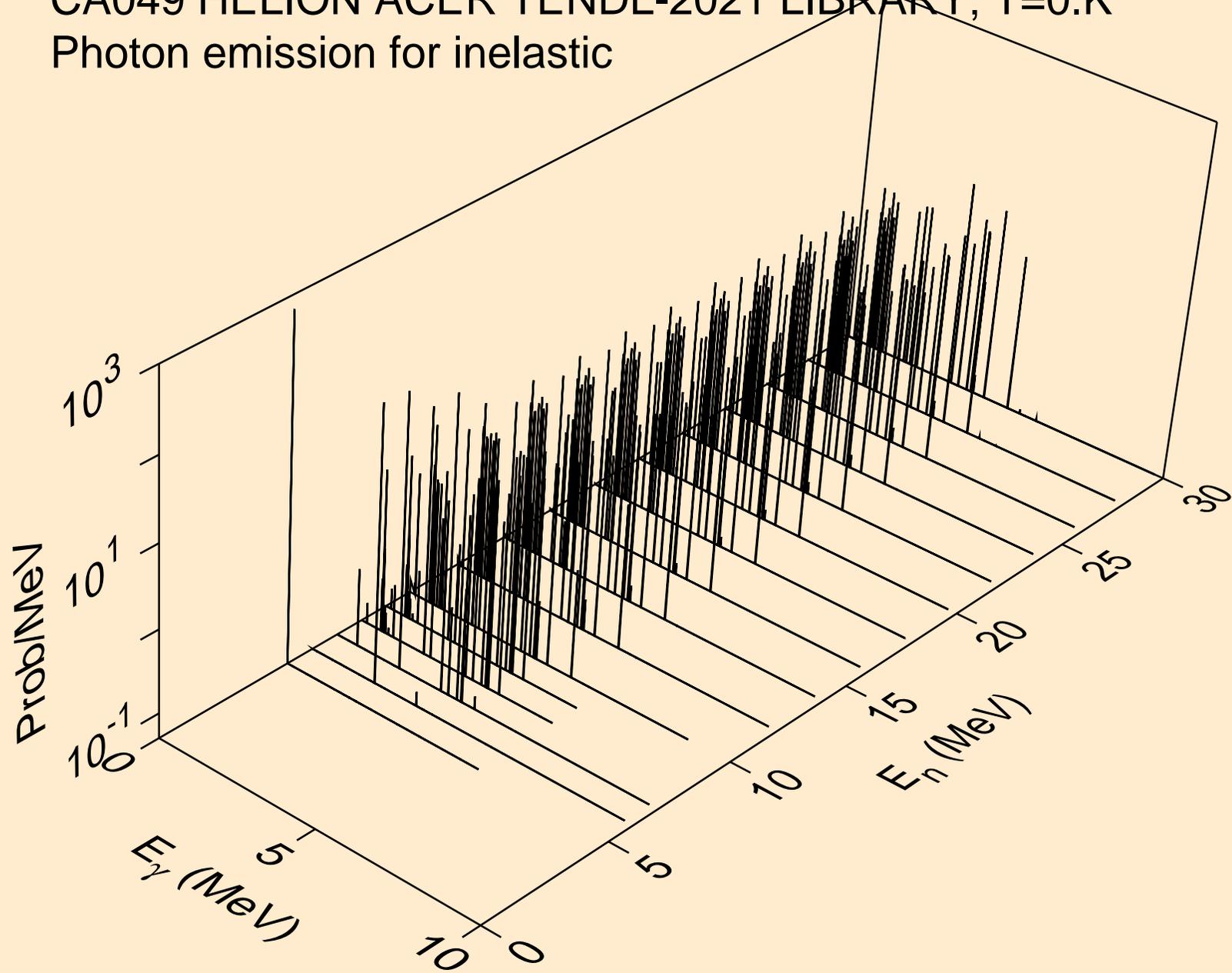
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



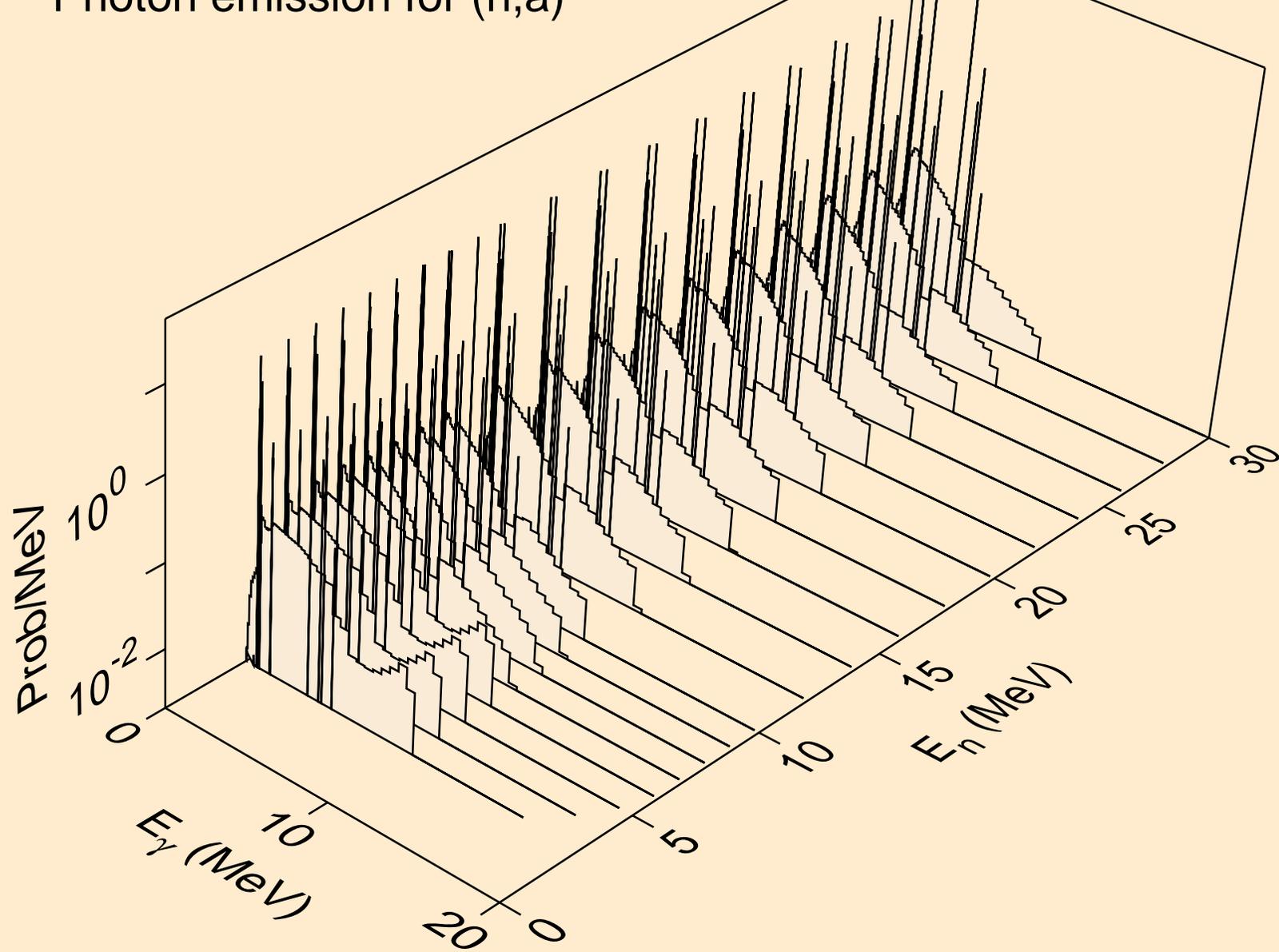
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



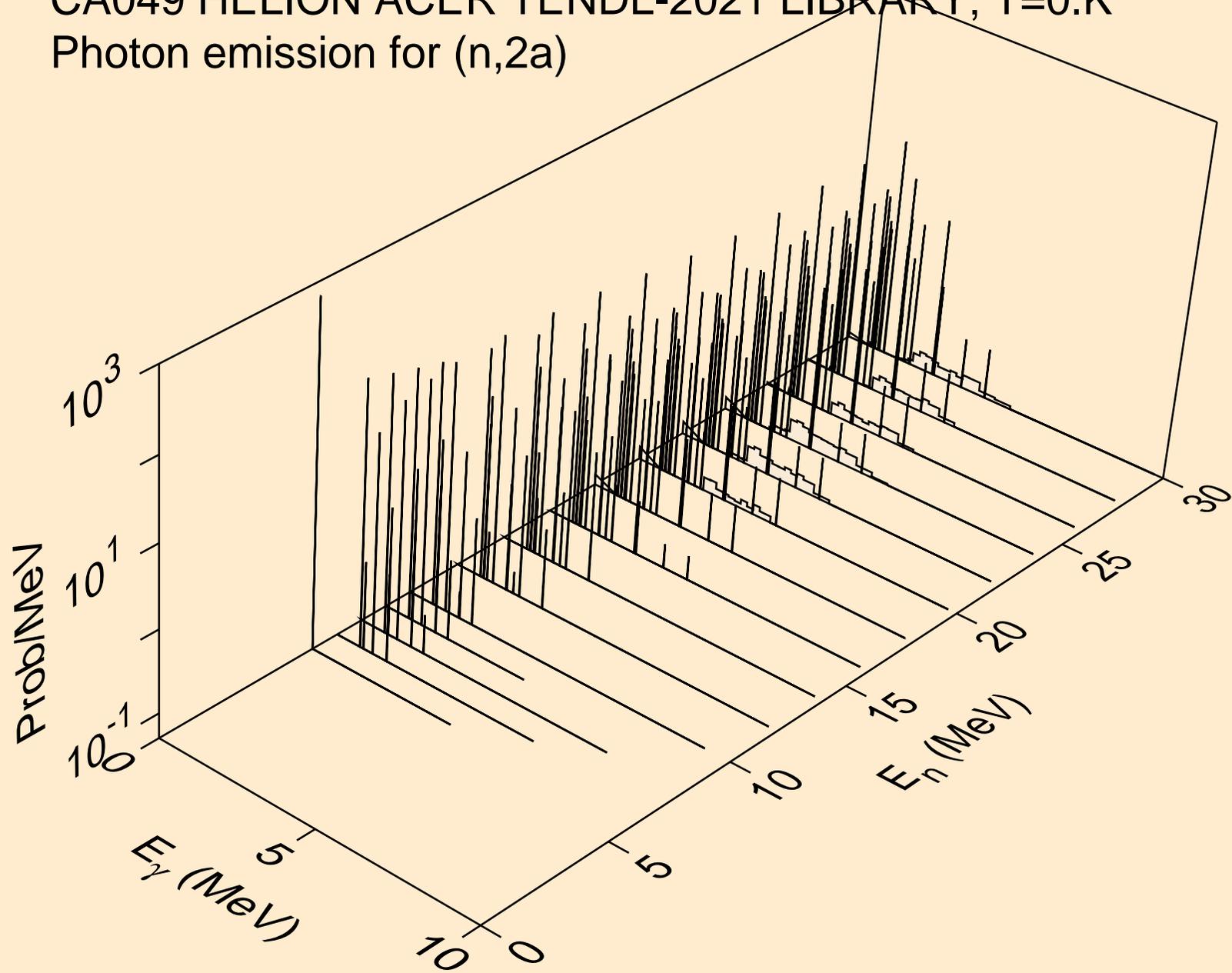
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



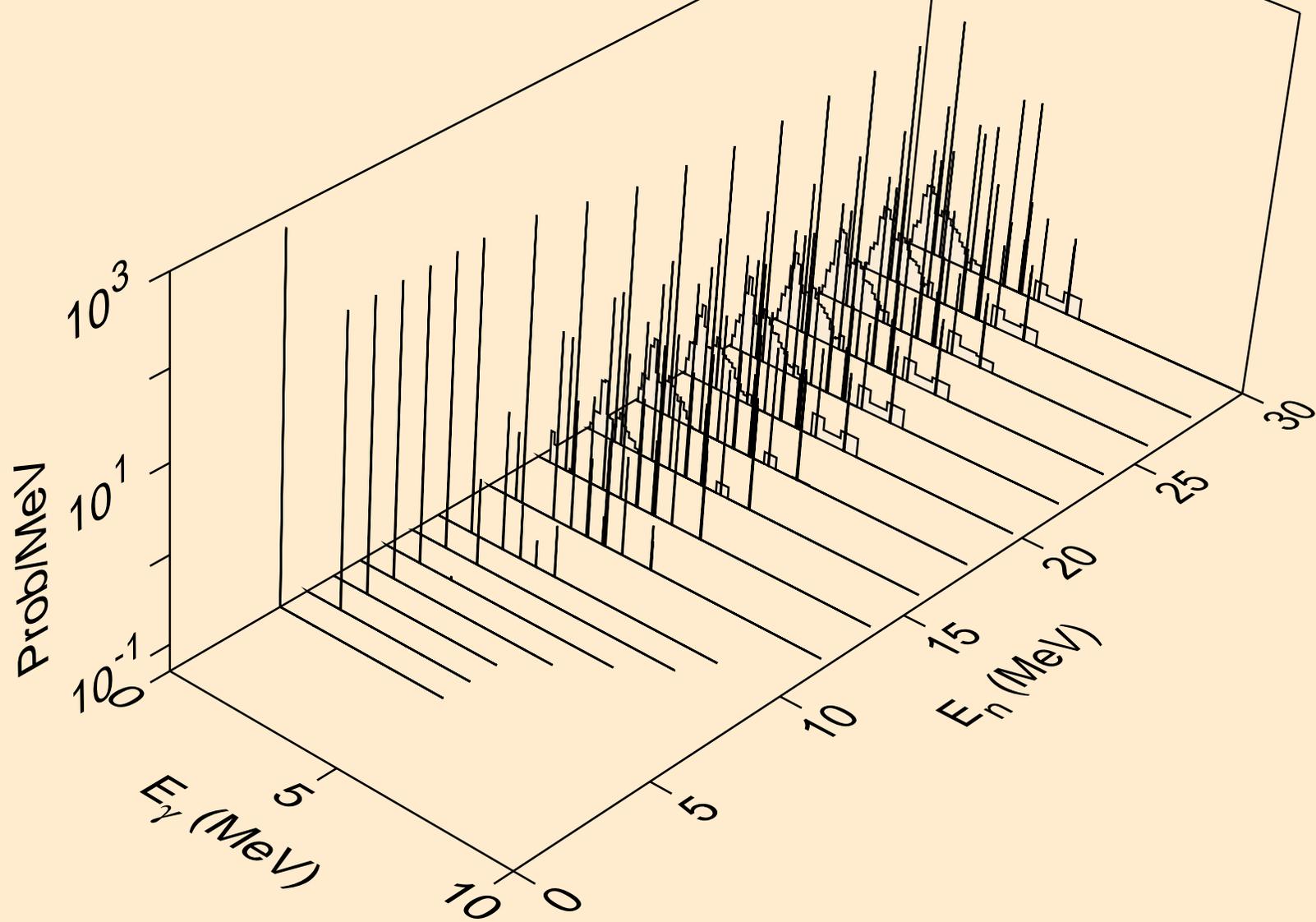
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



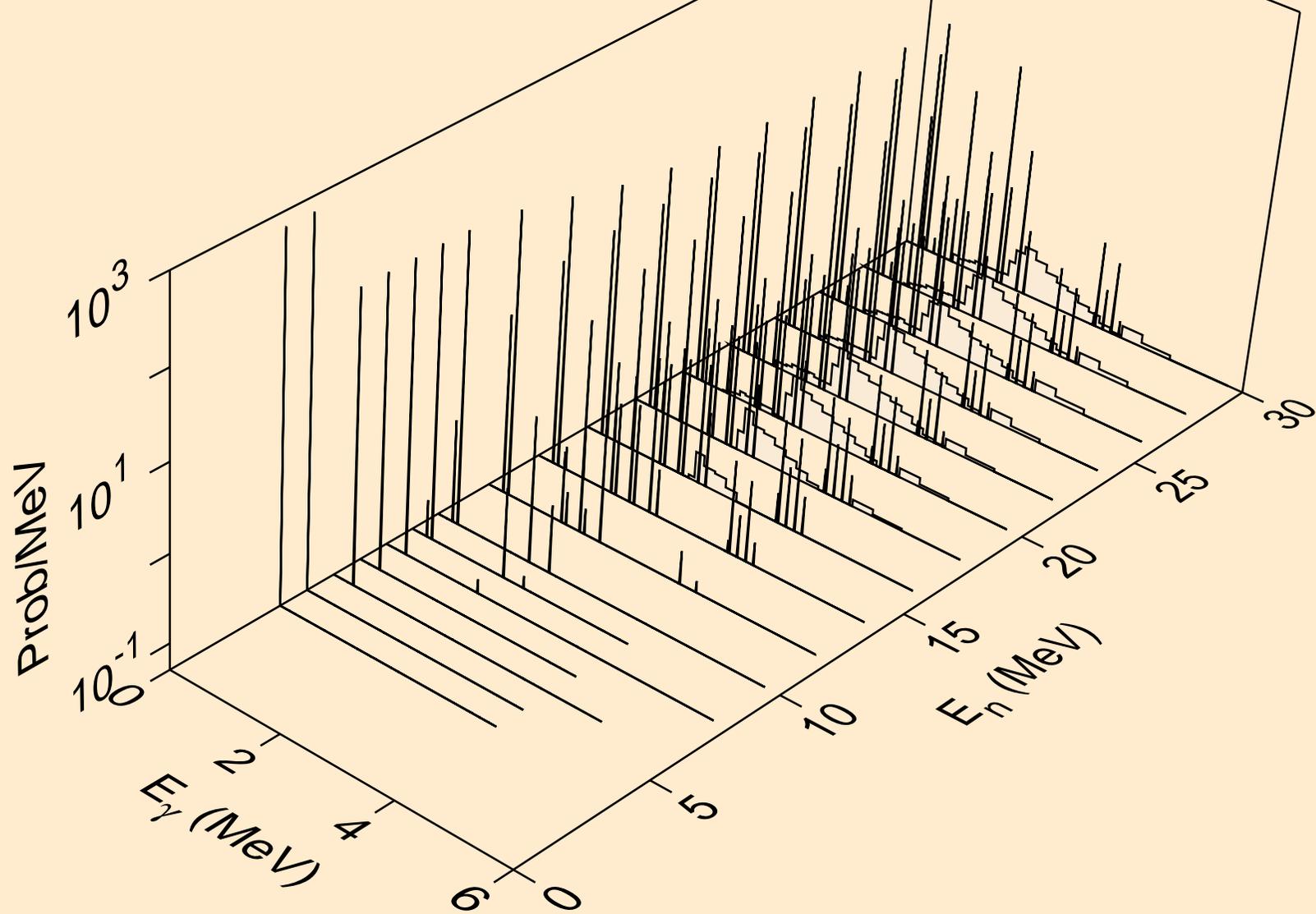
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



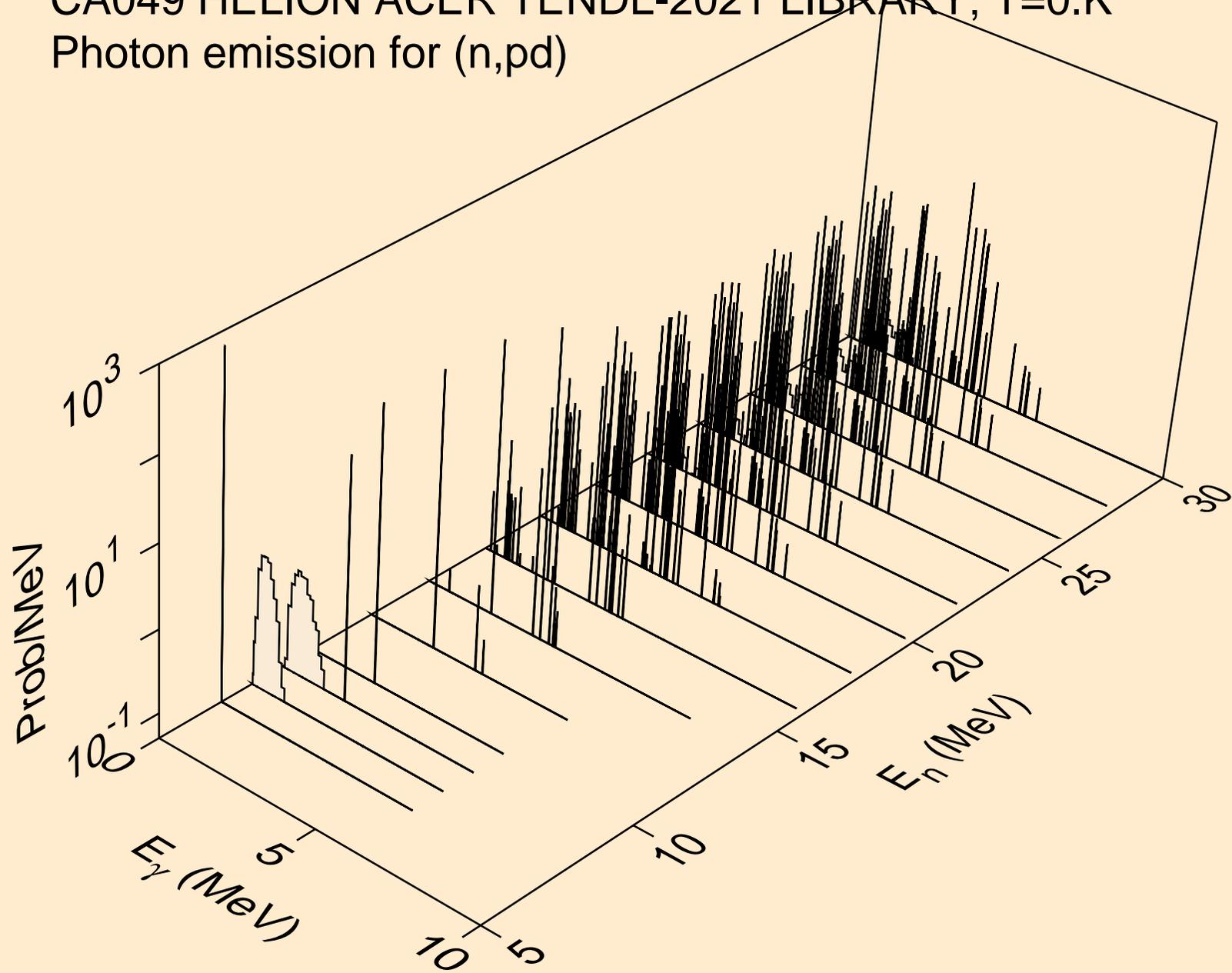
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



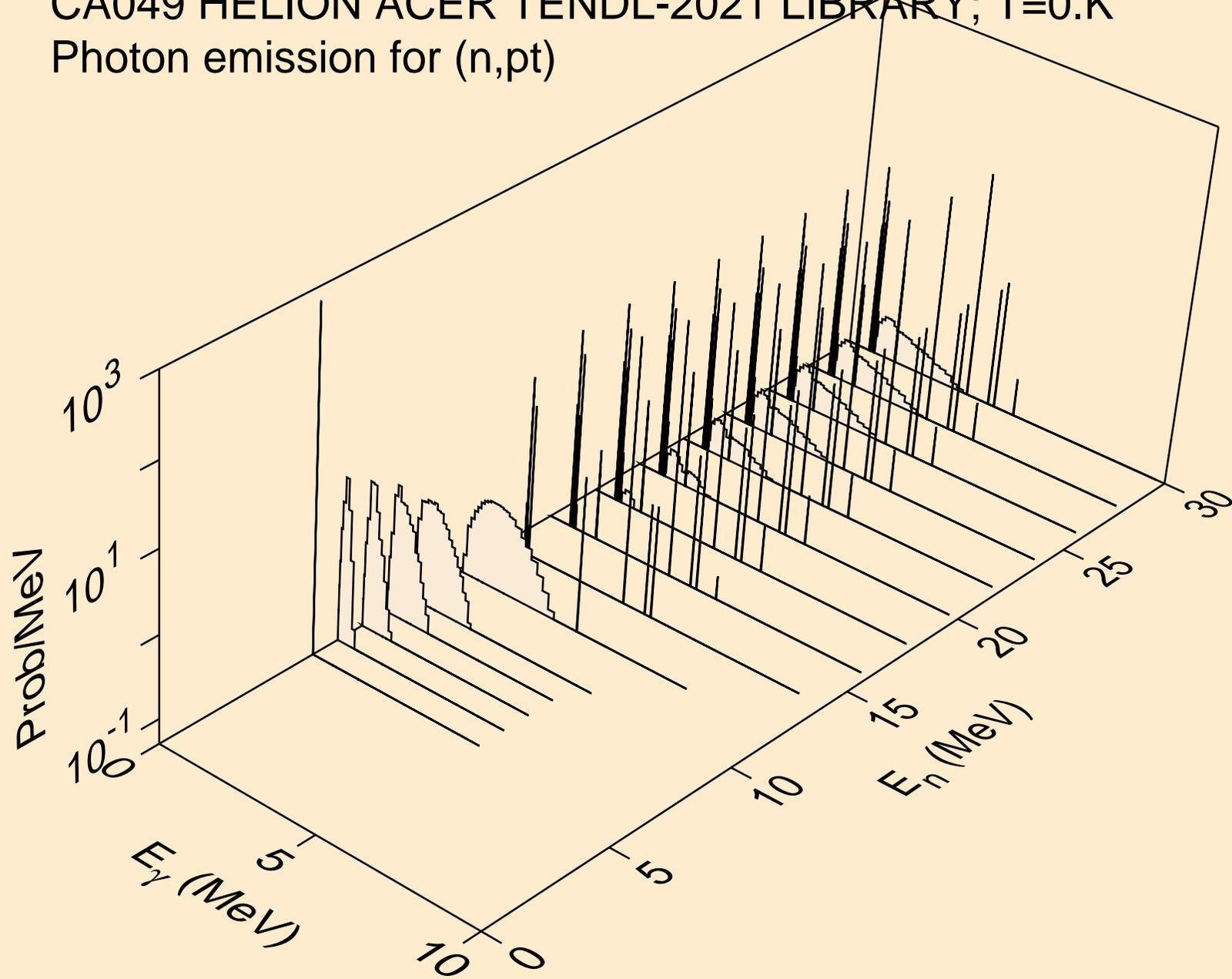
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



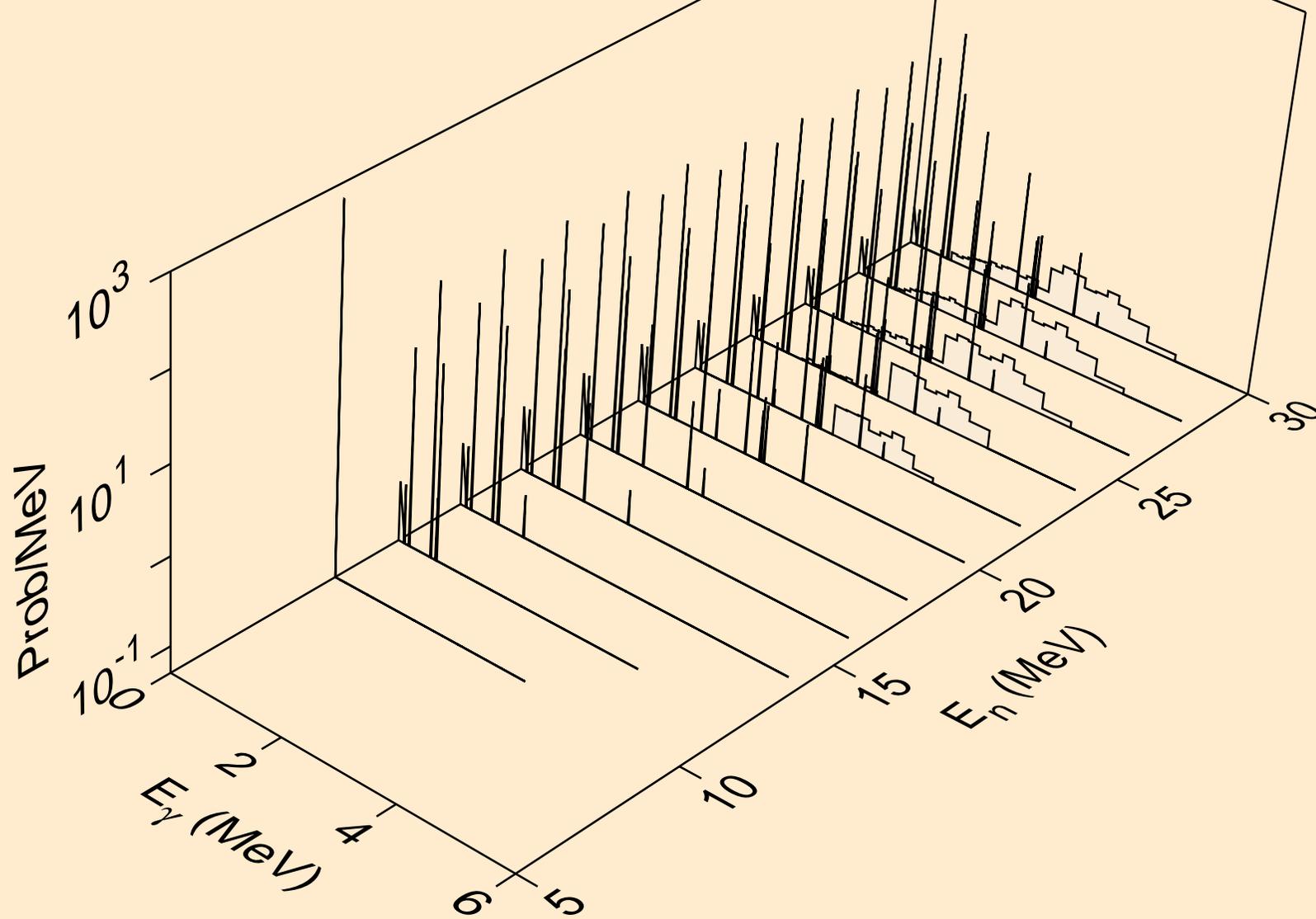
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



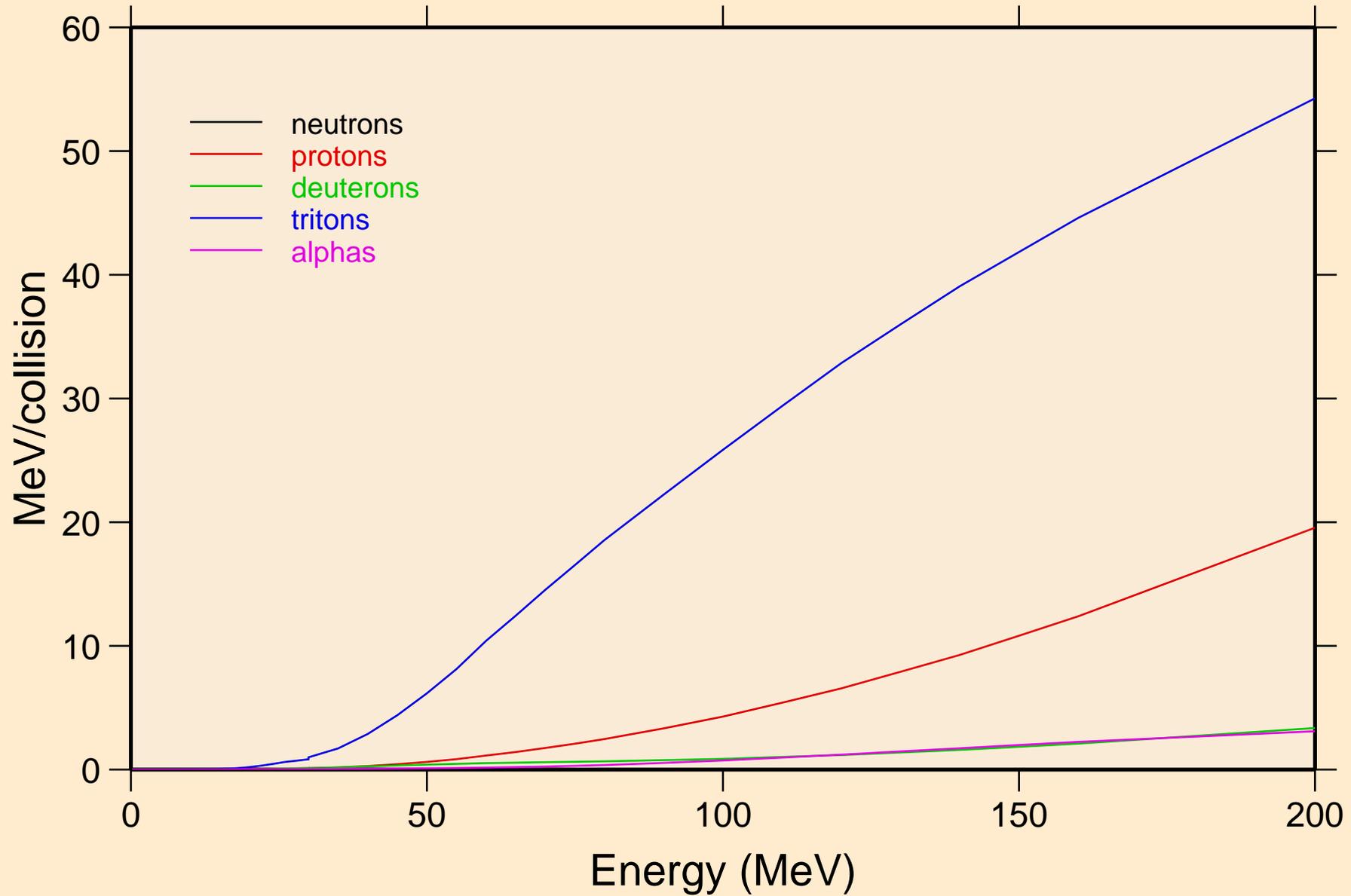
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



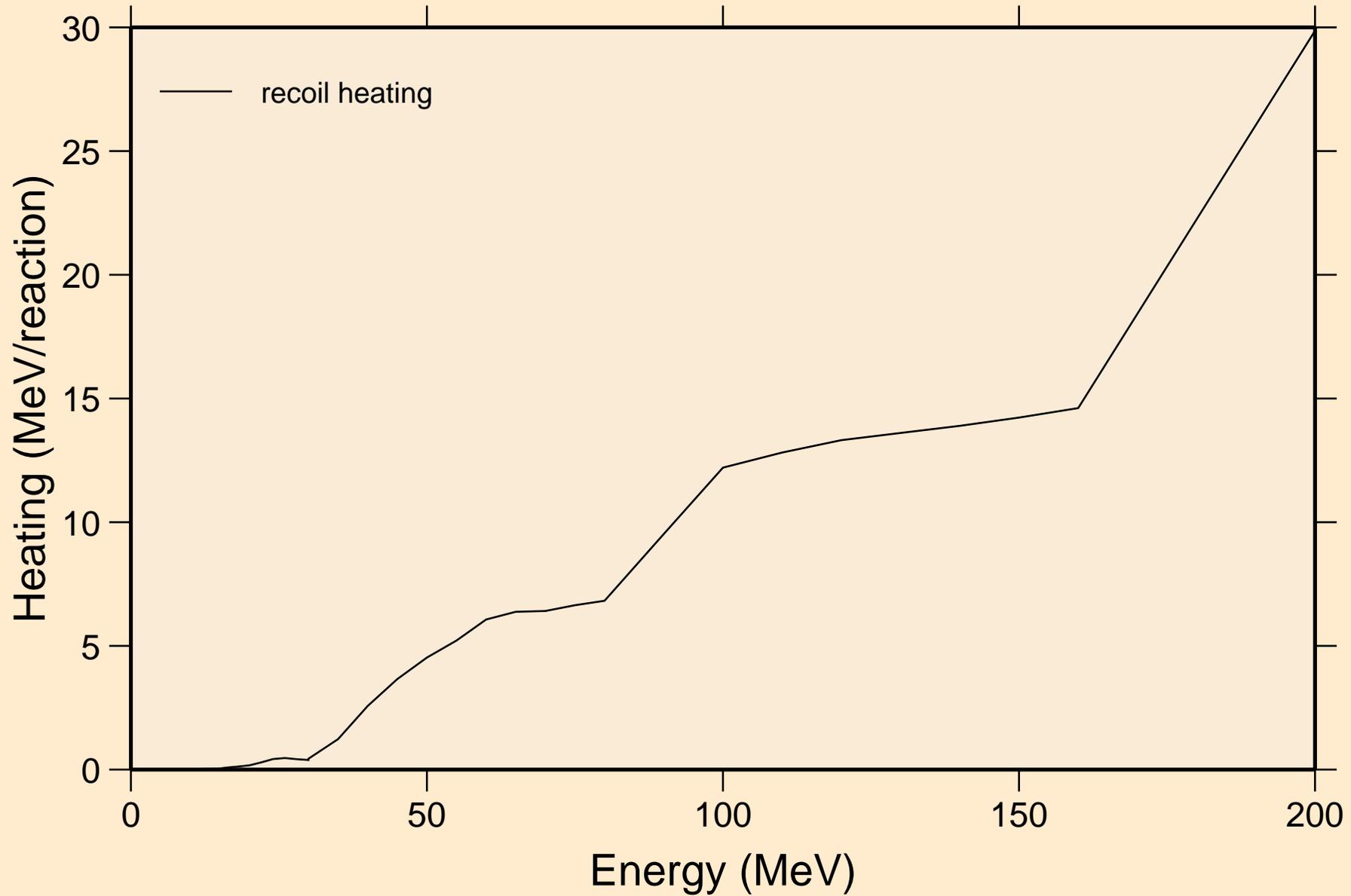
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



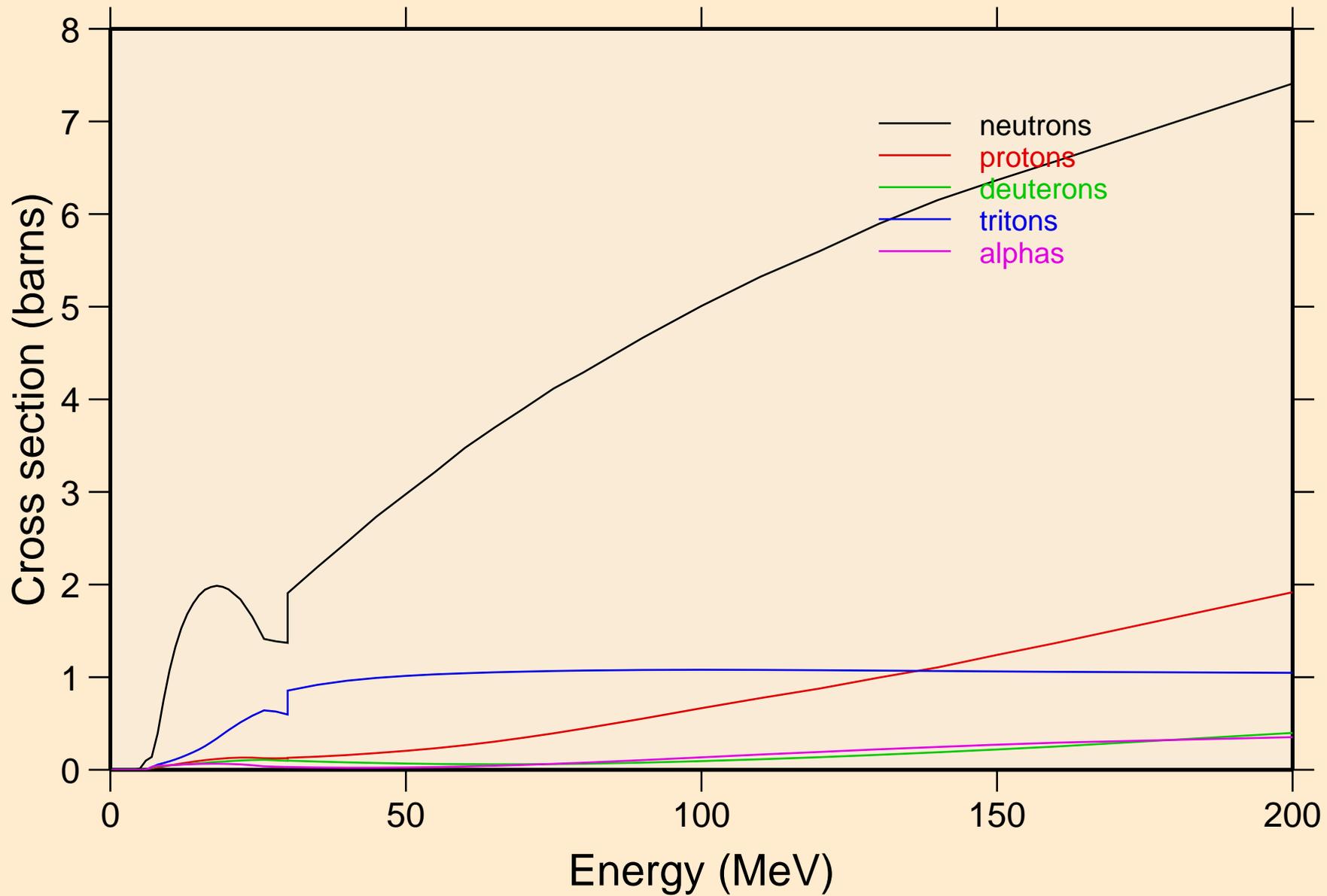
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



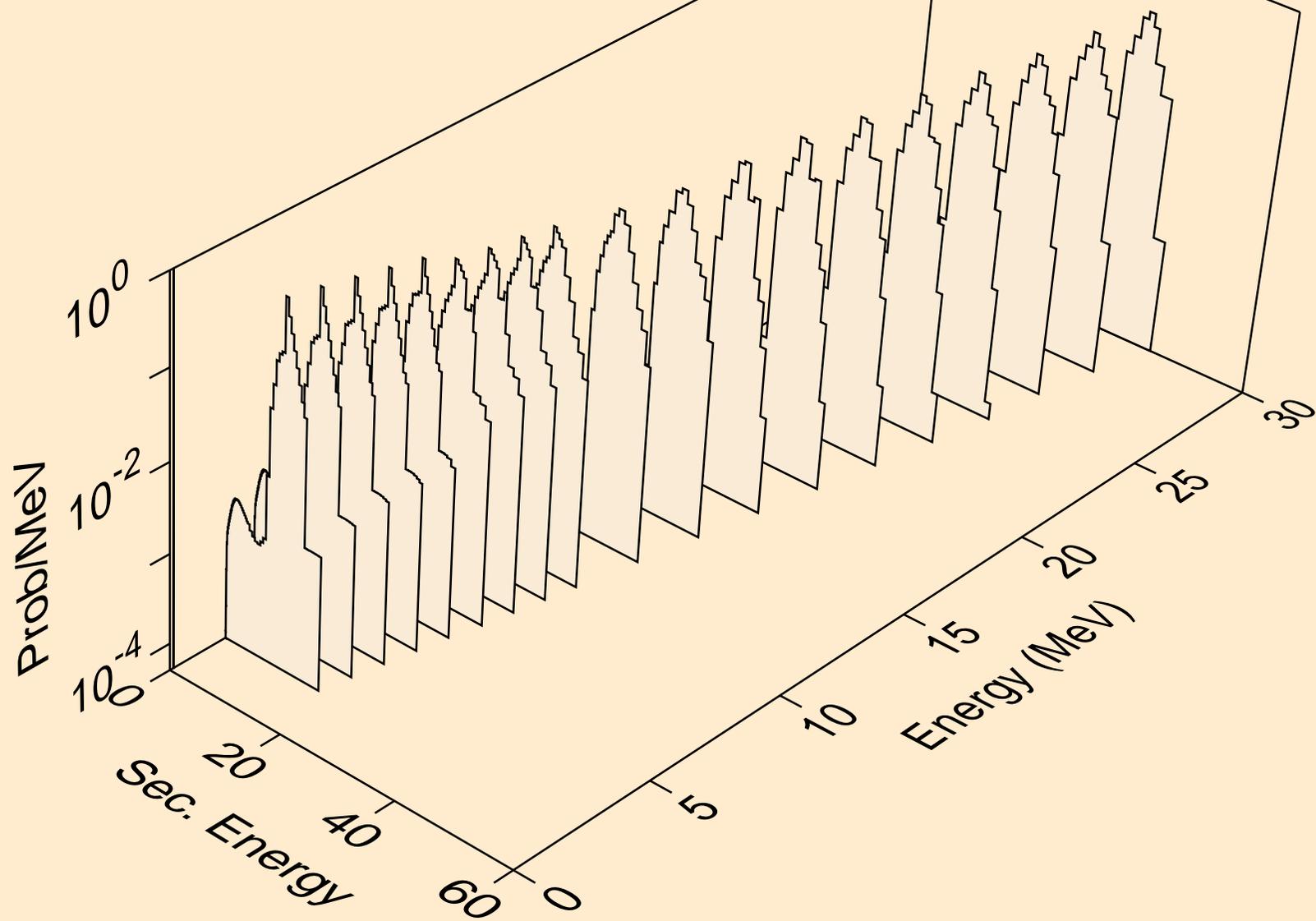
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



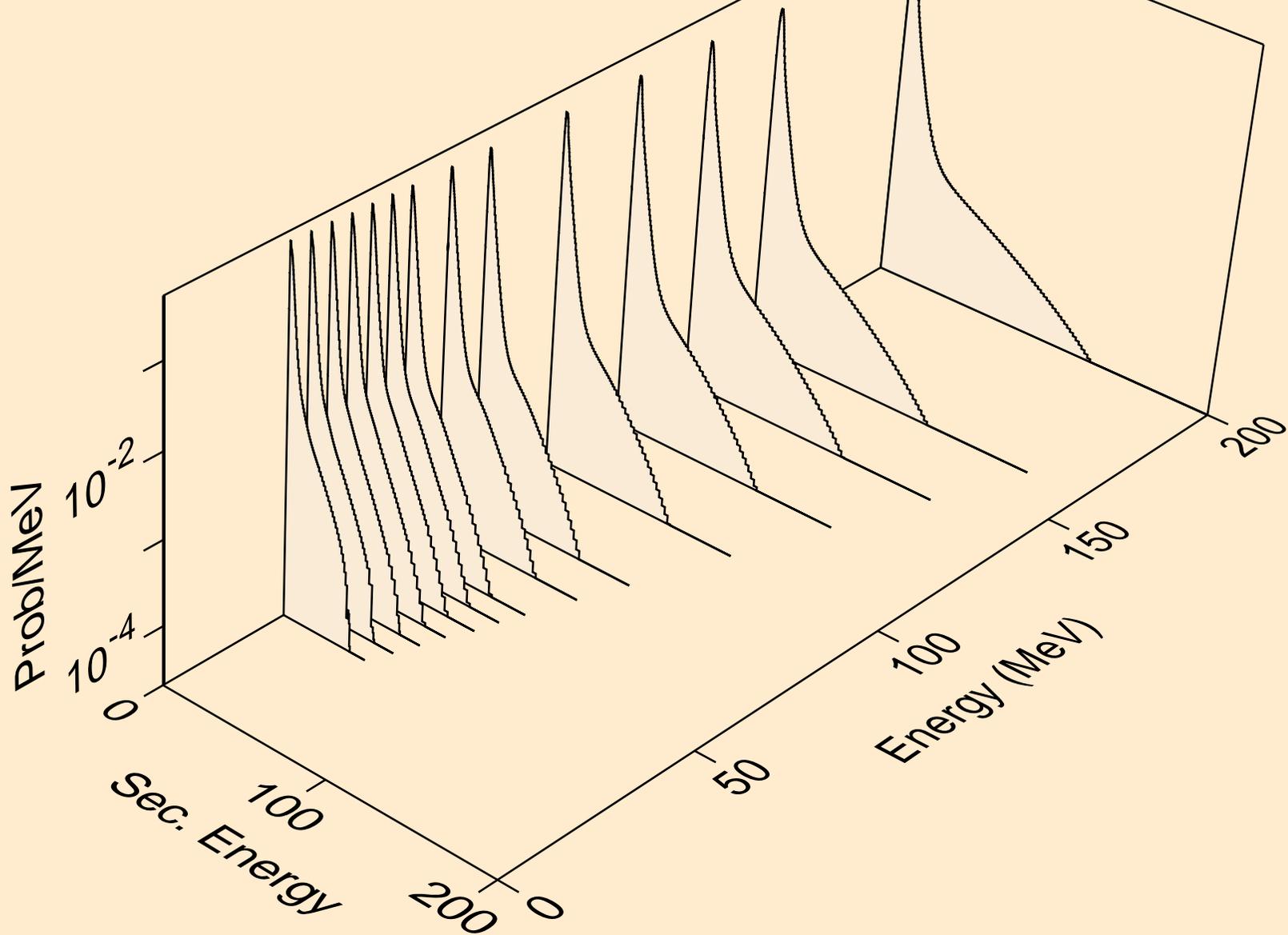
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



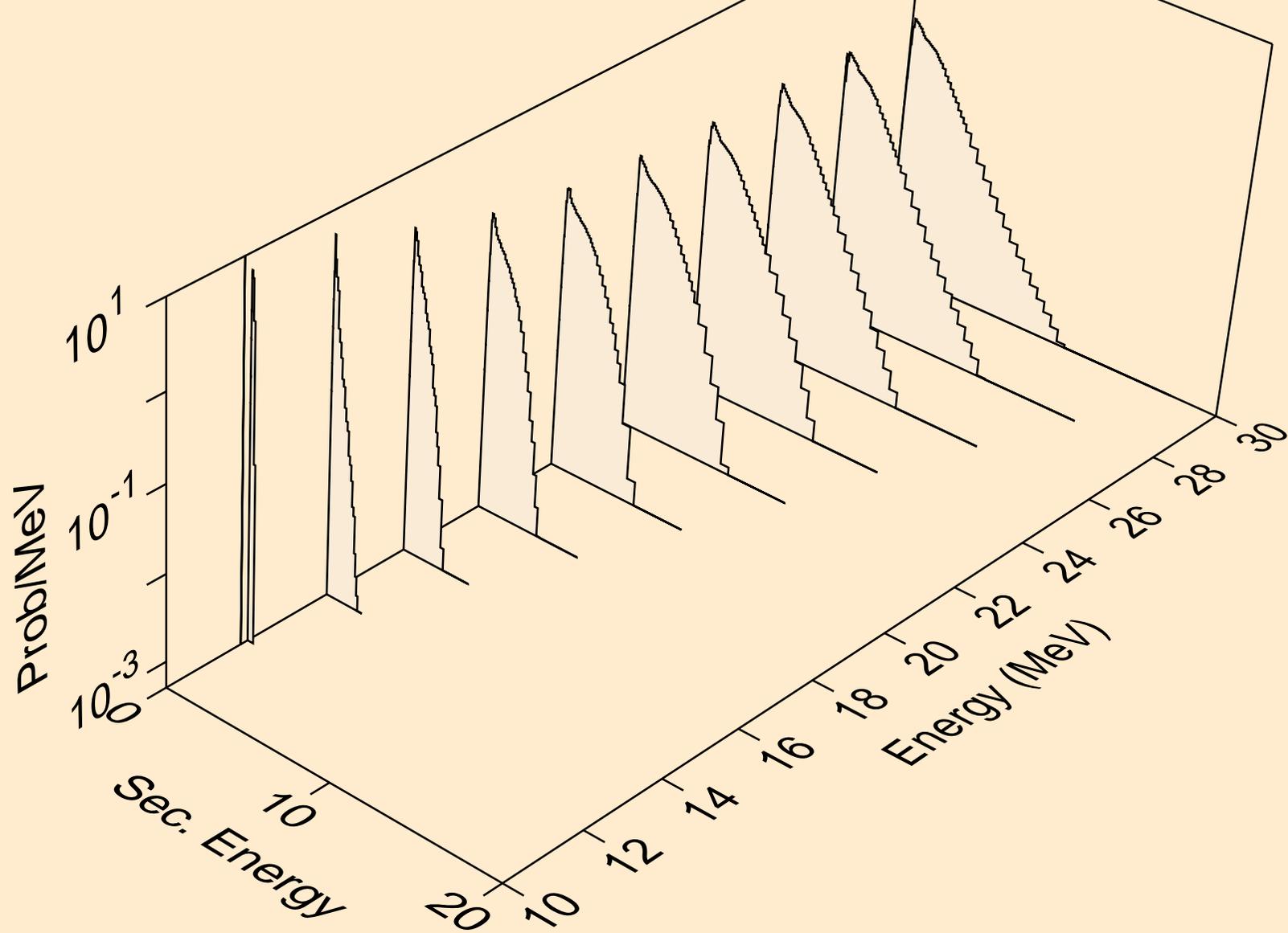
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



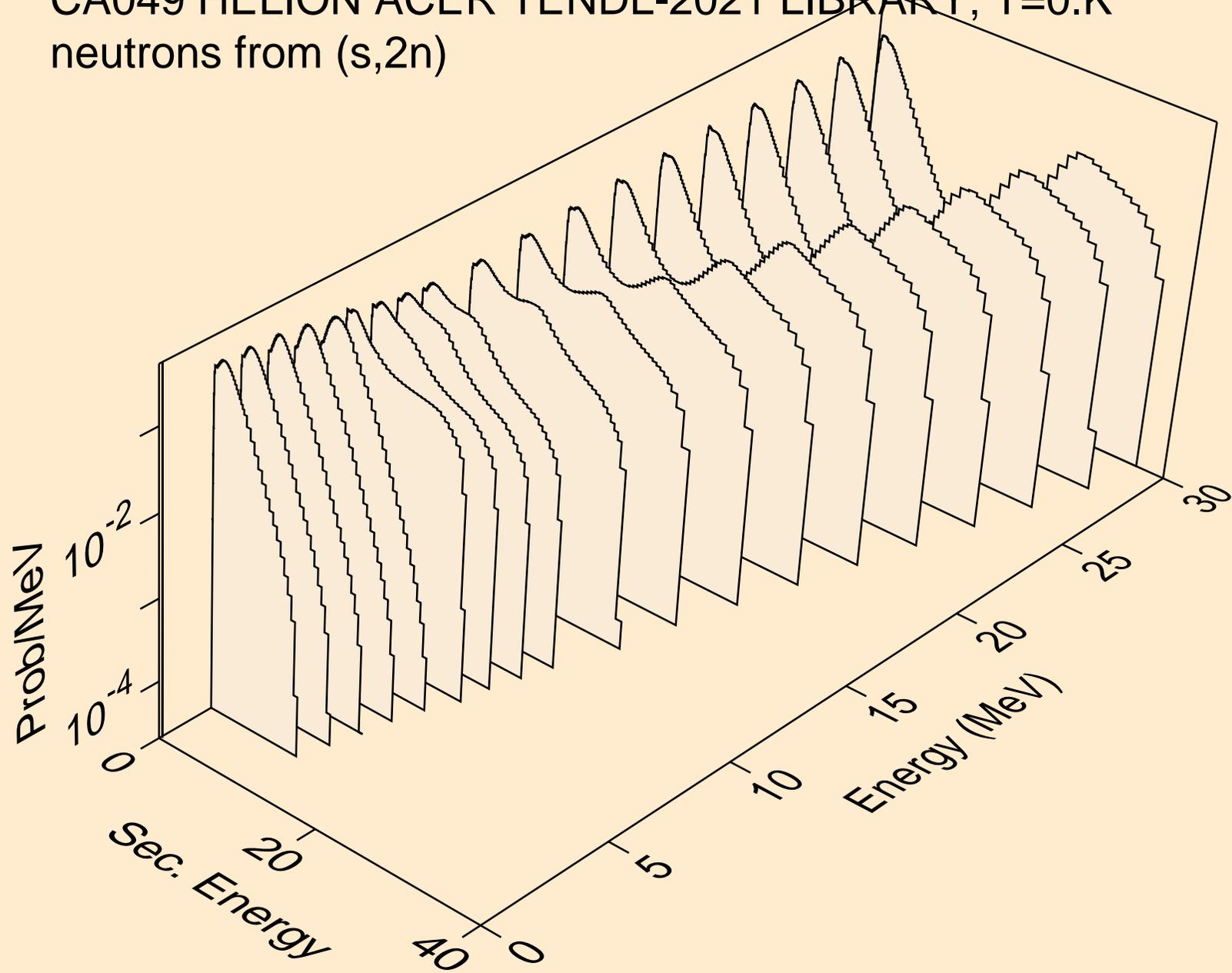
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



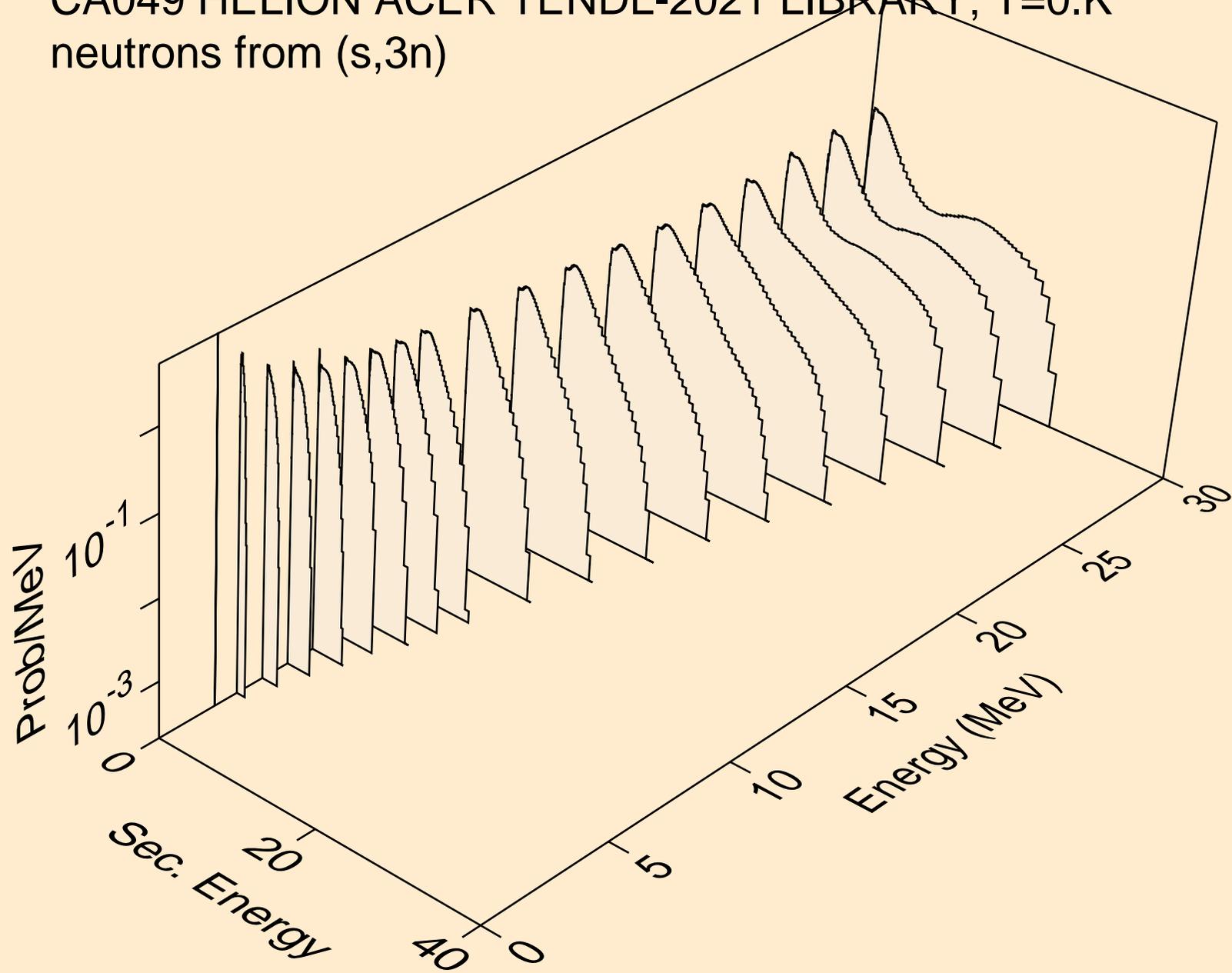
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



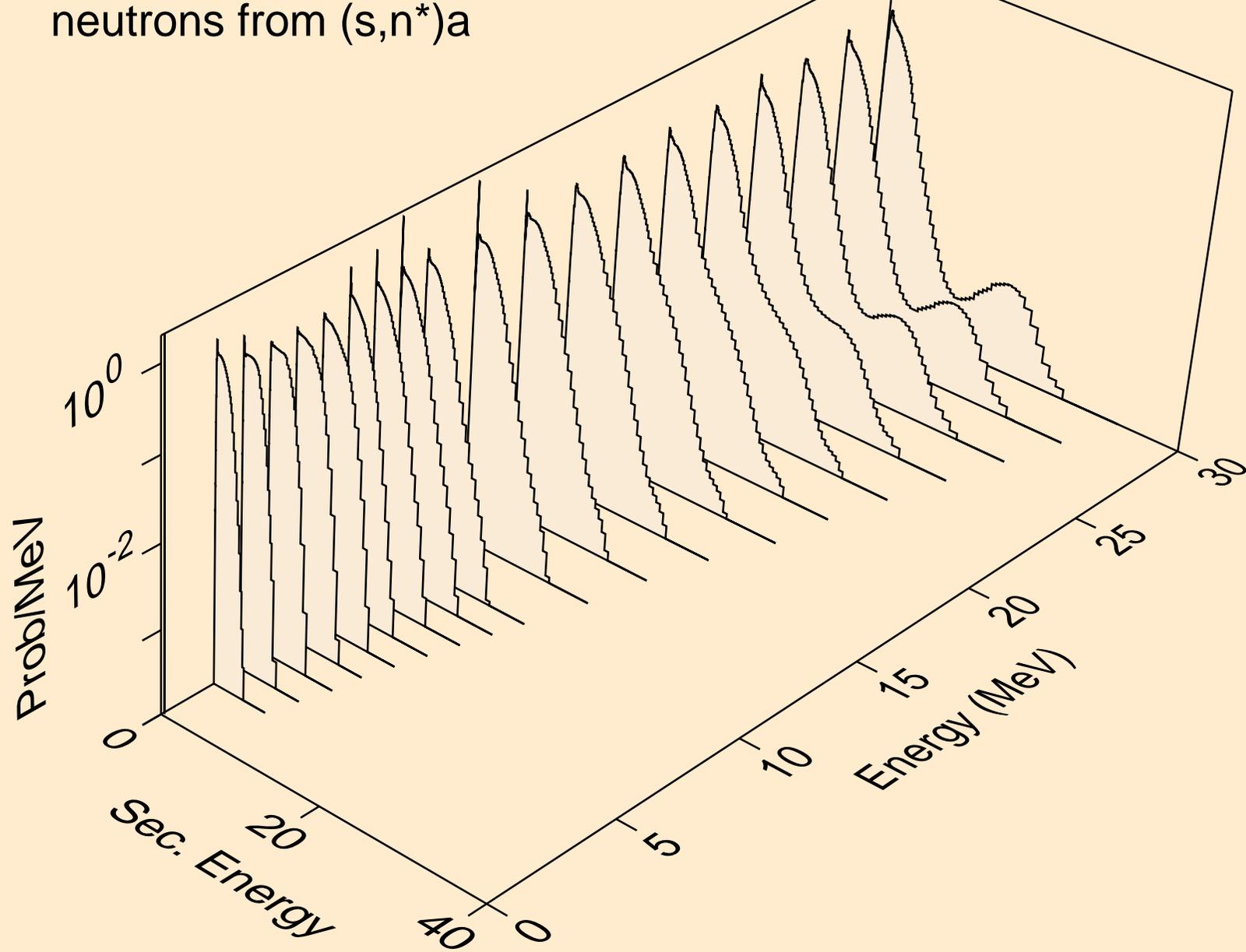
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



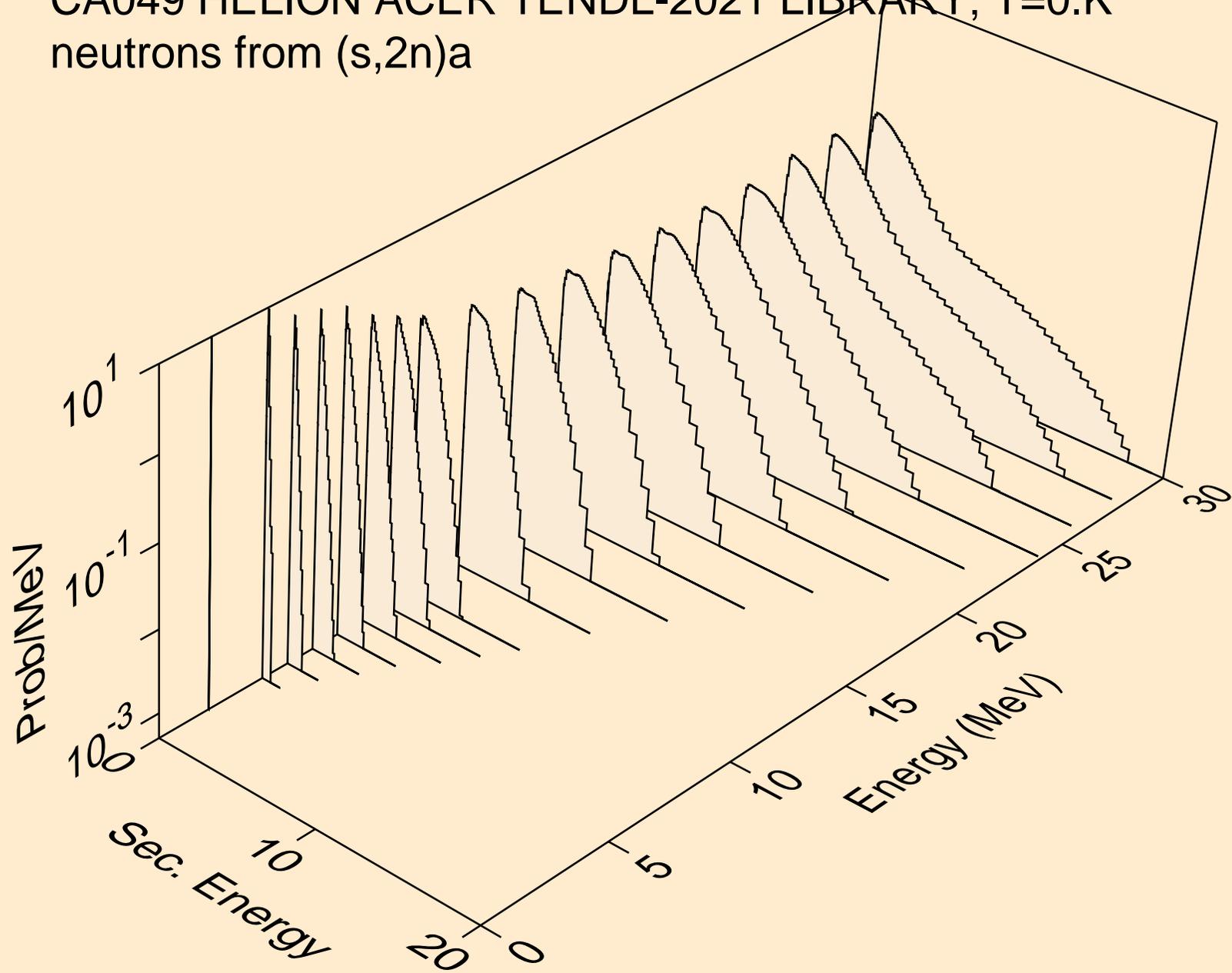
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



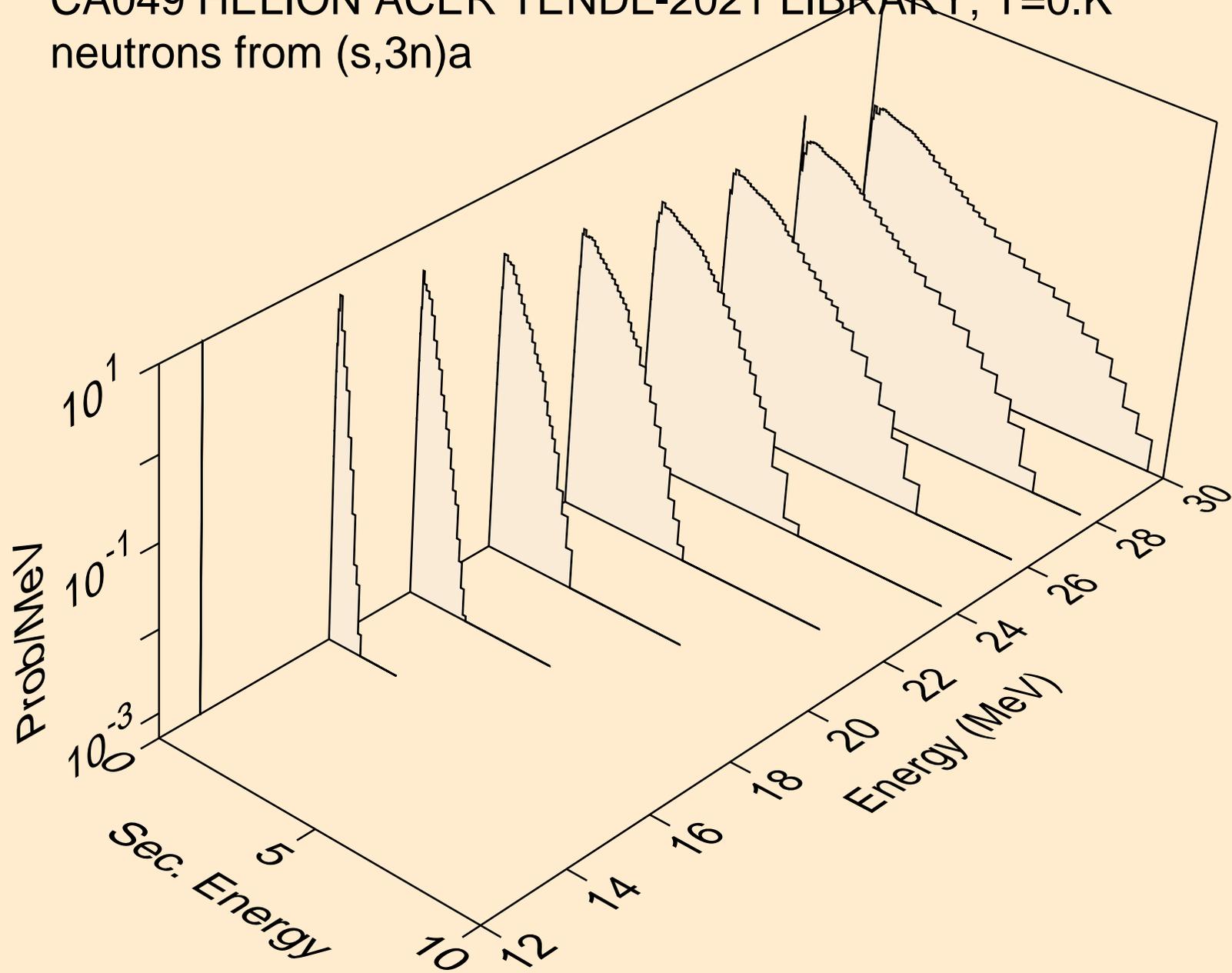
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



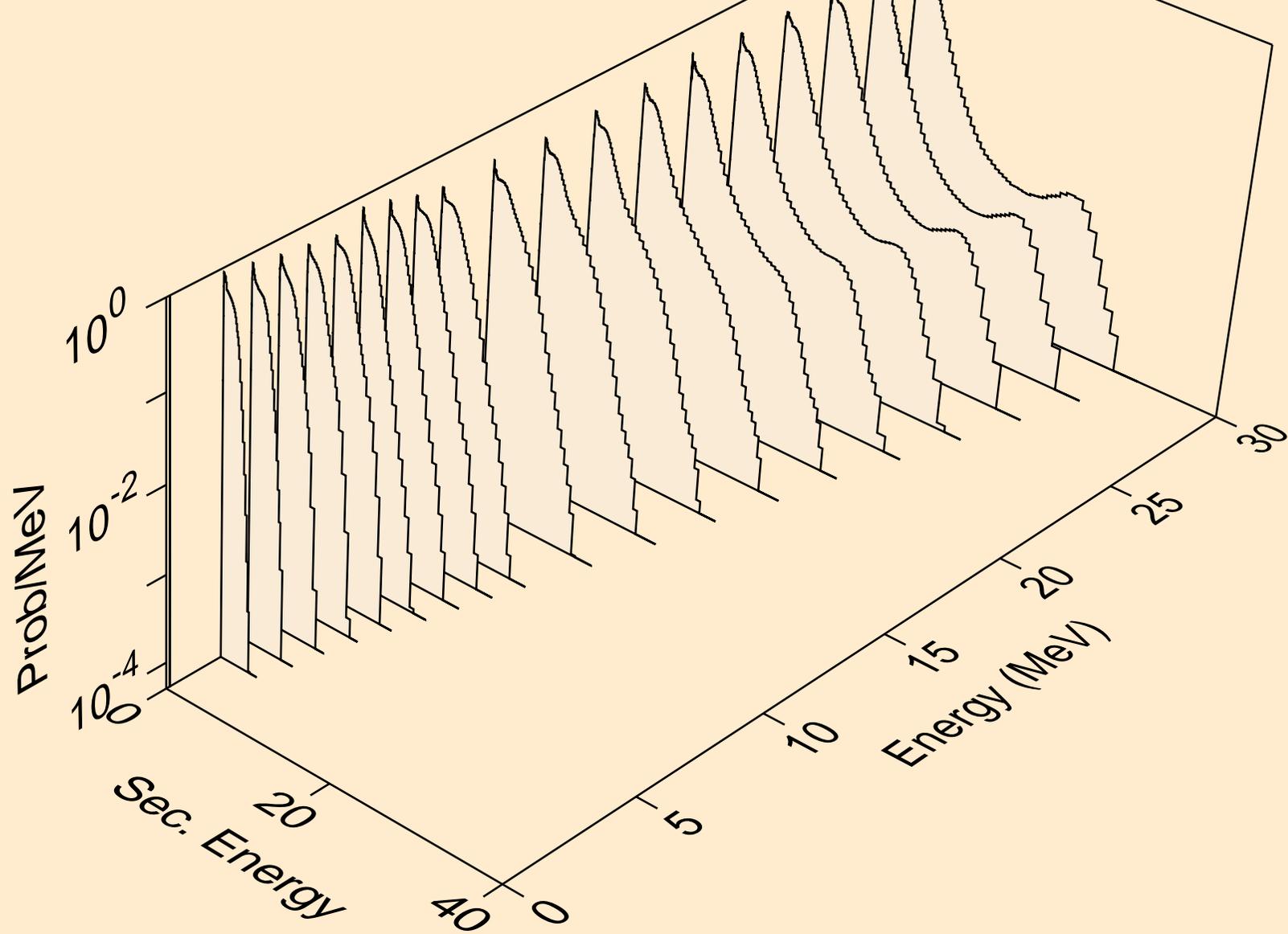
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



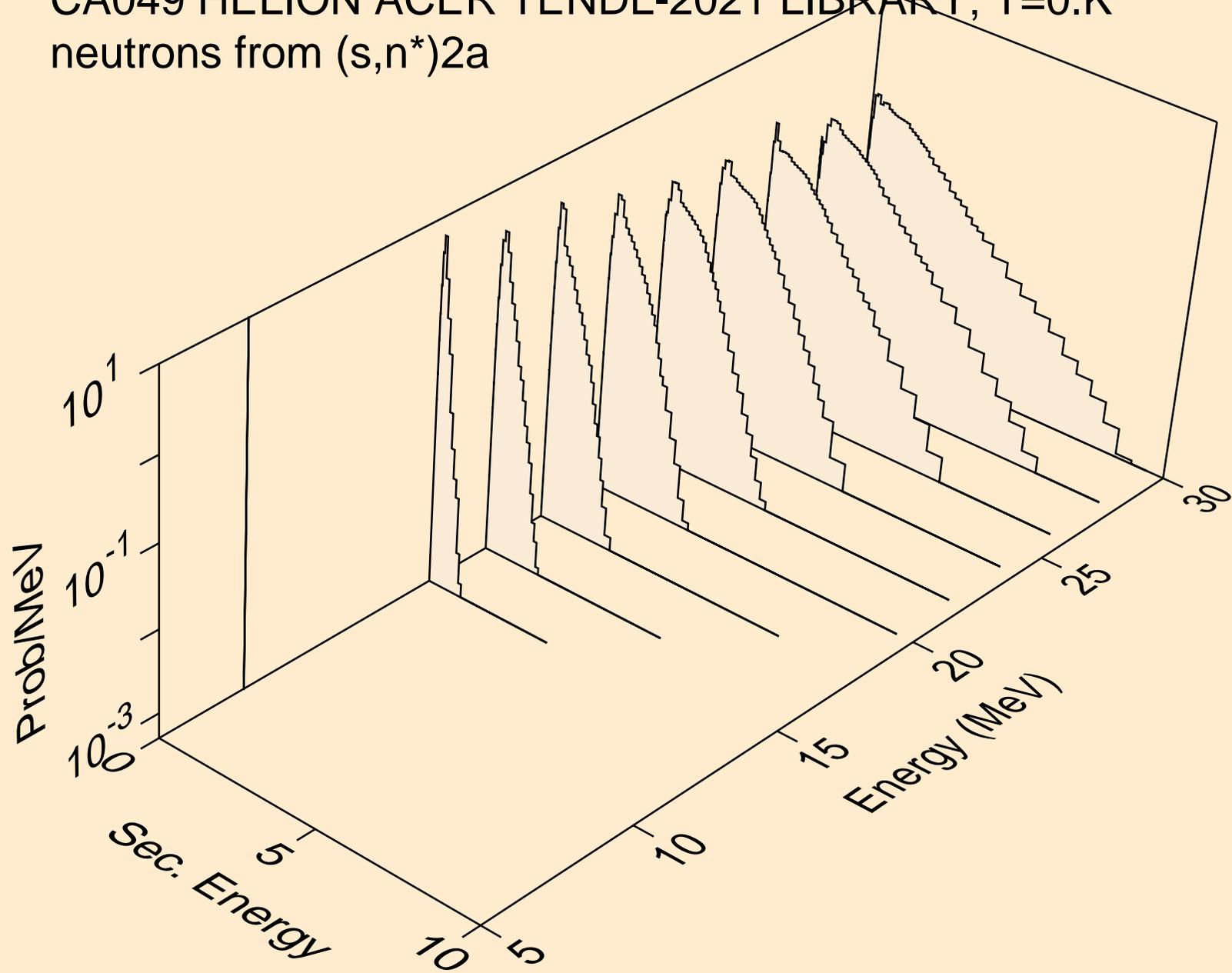
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



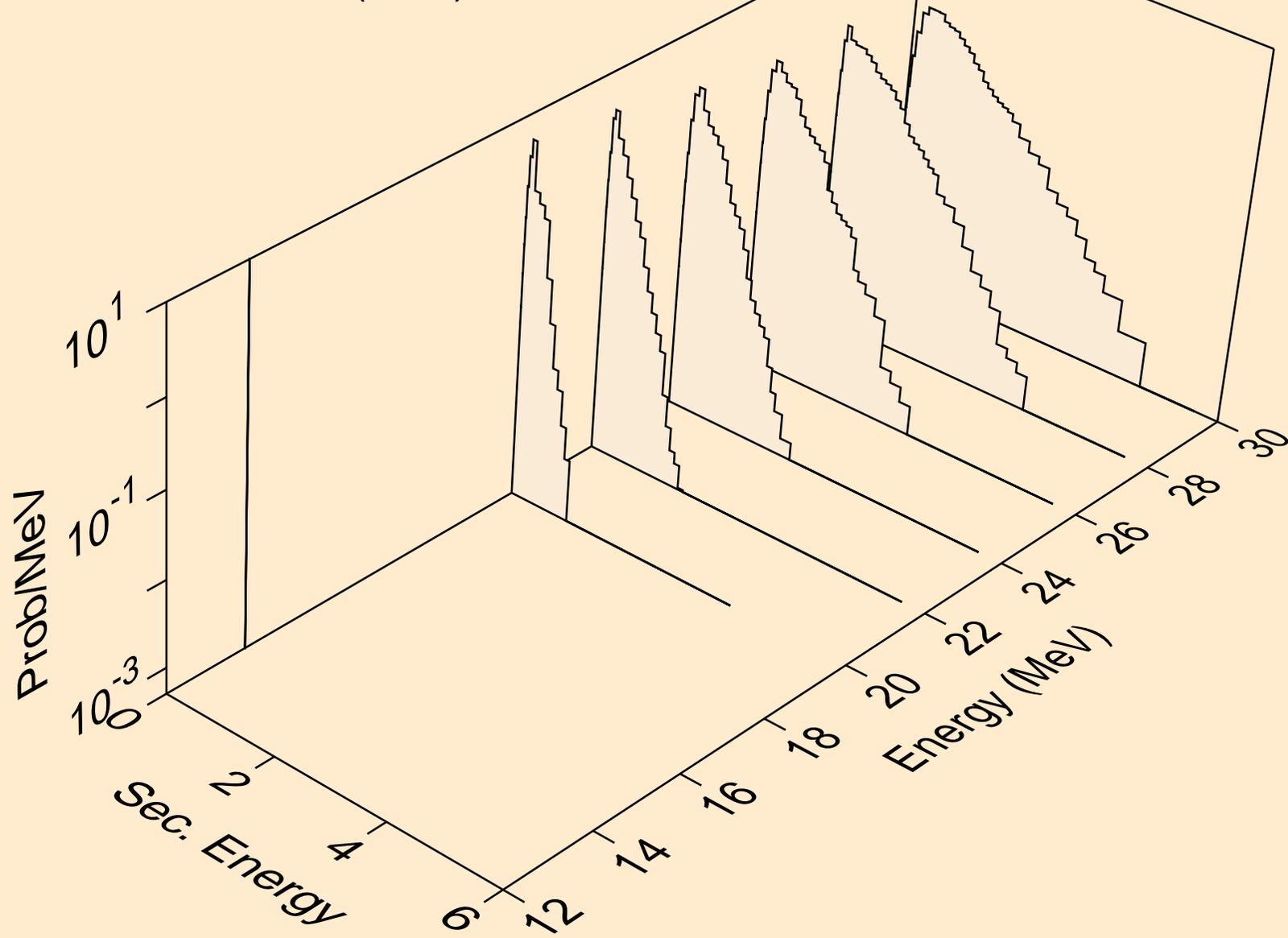
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



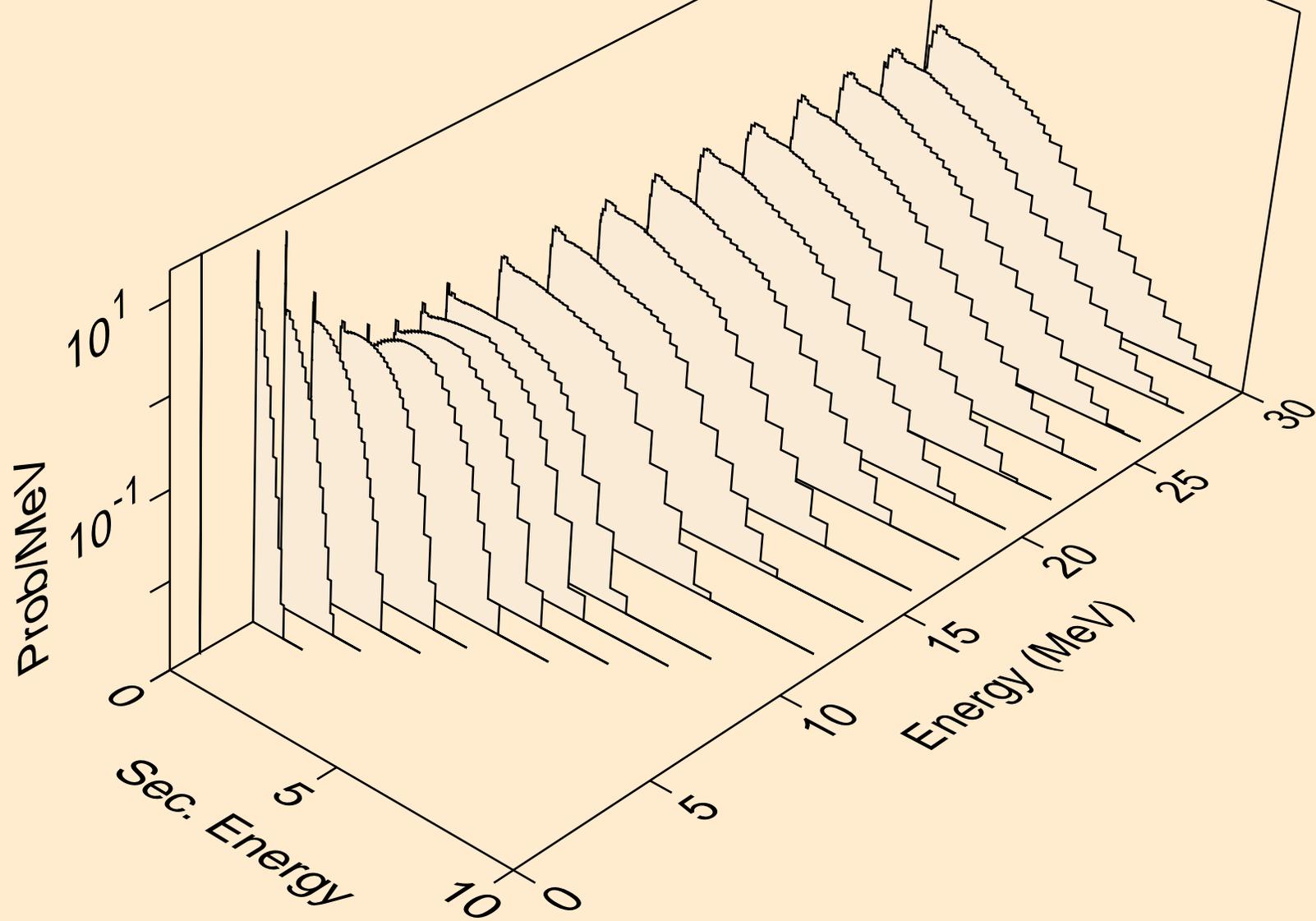
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



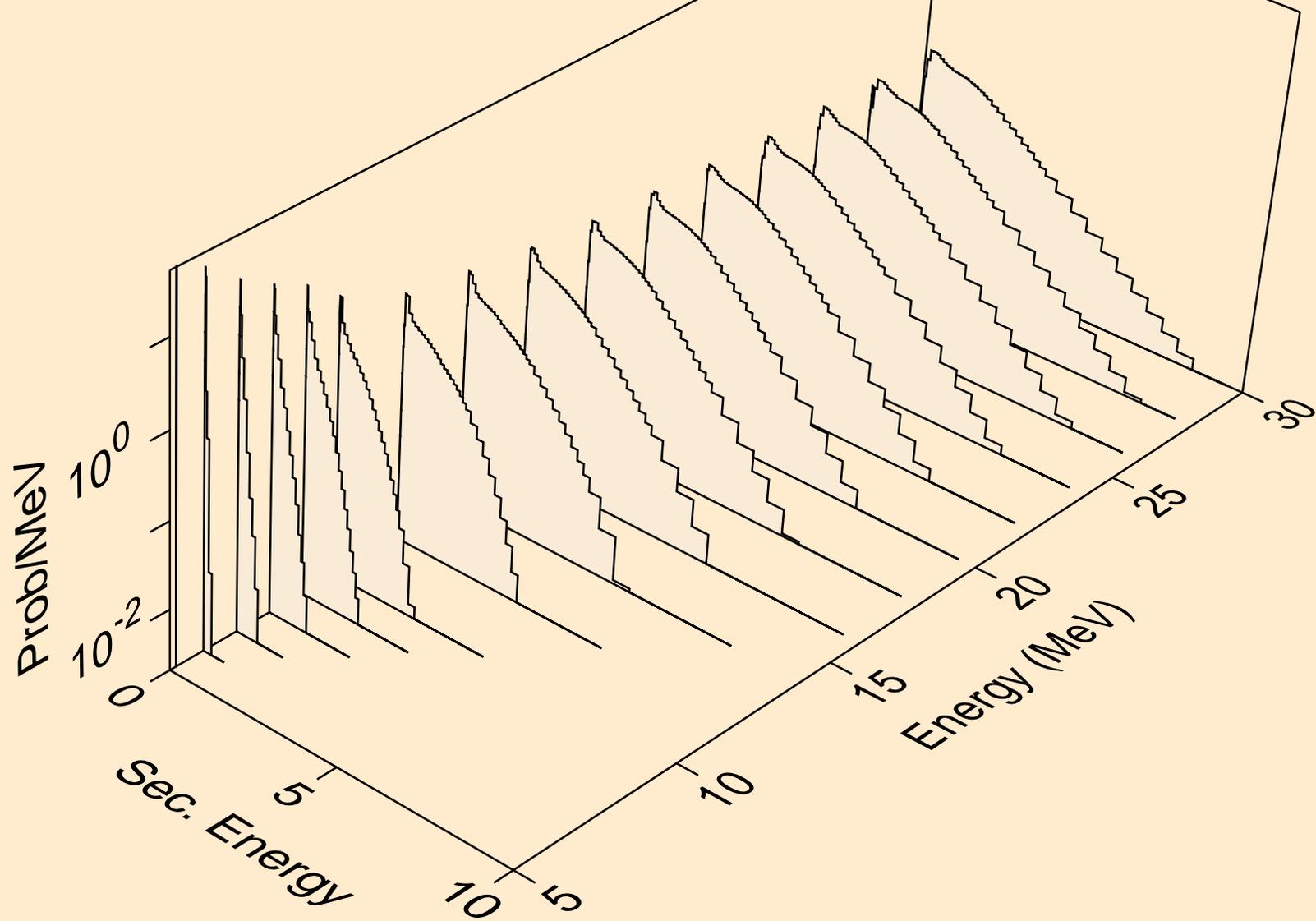
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)2a



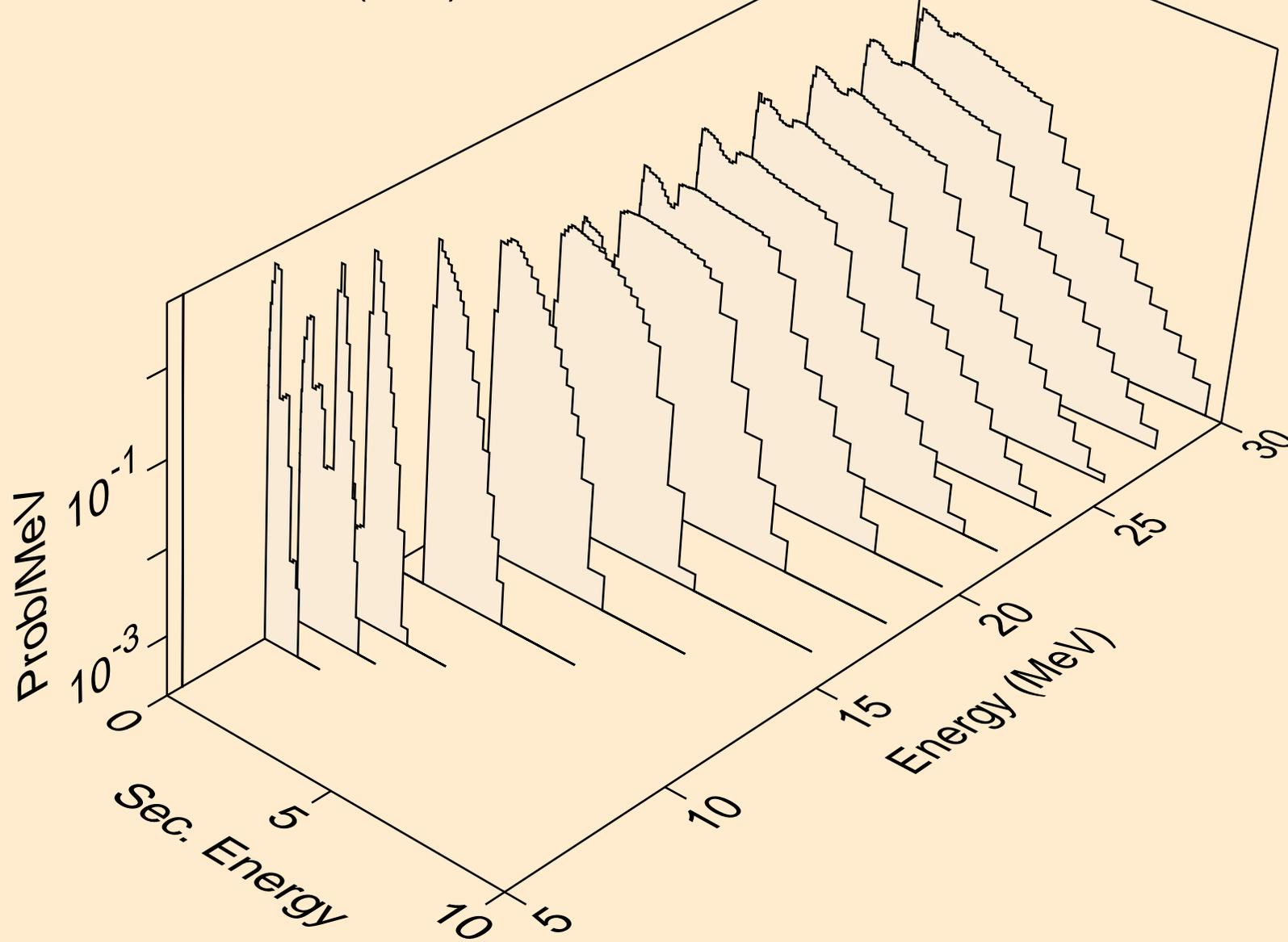
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



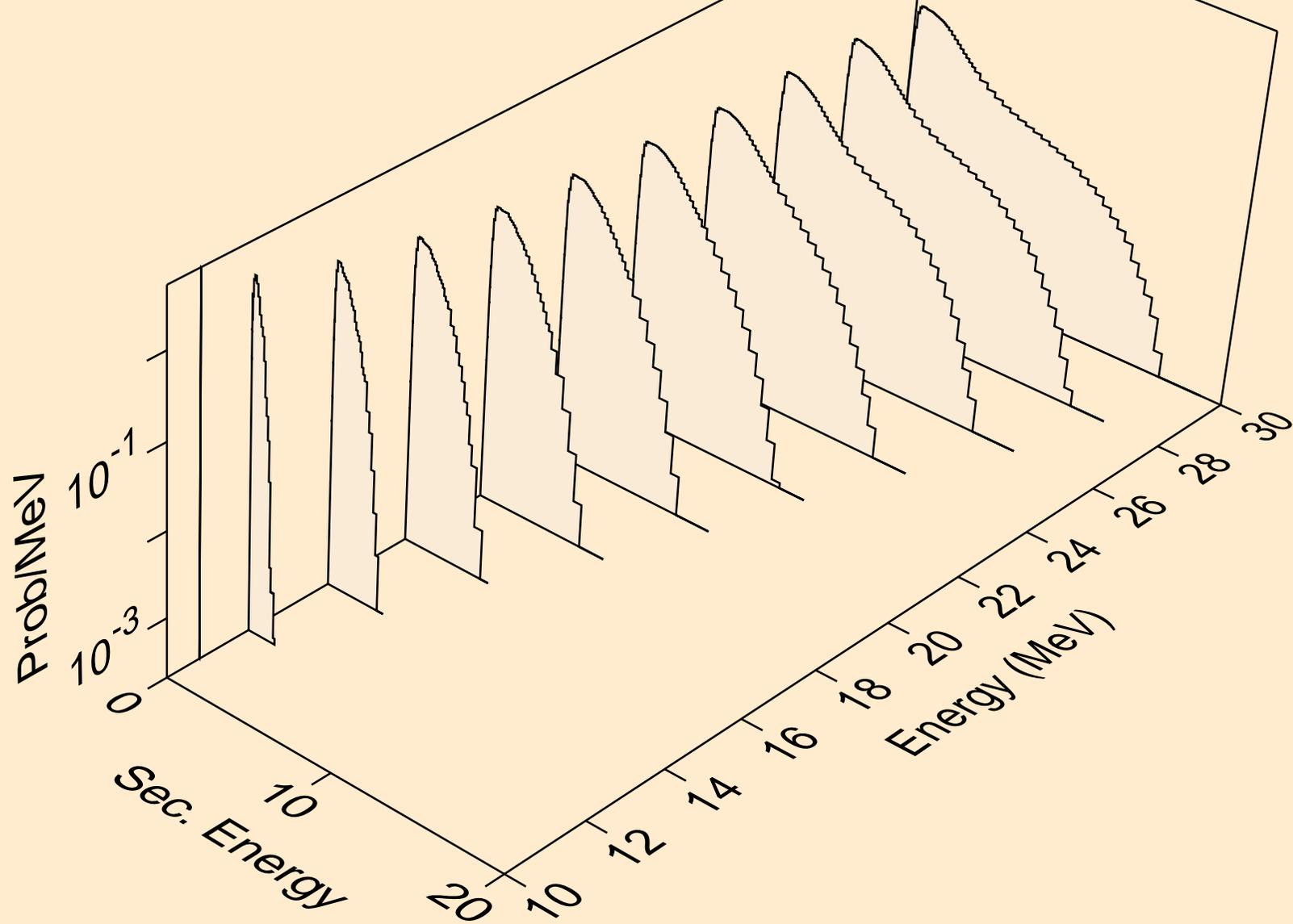
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



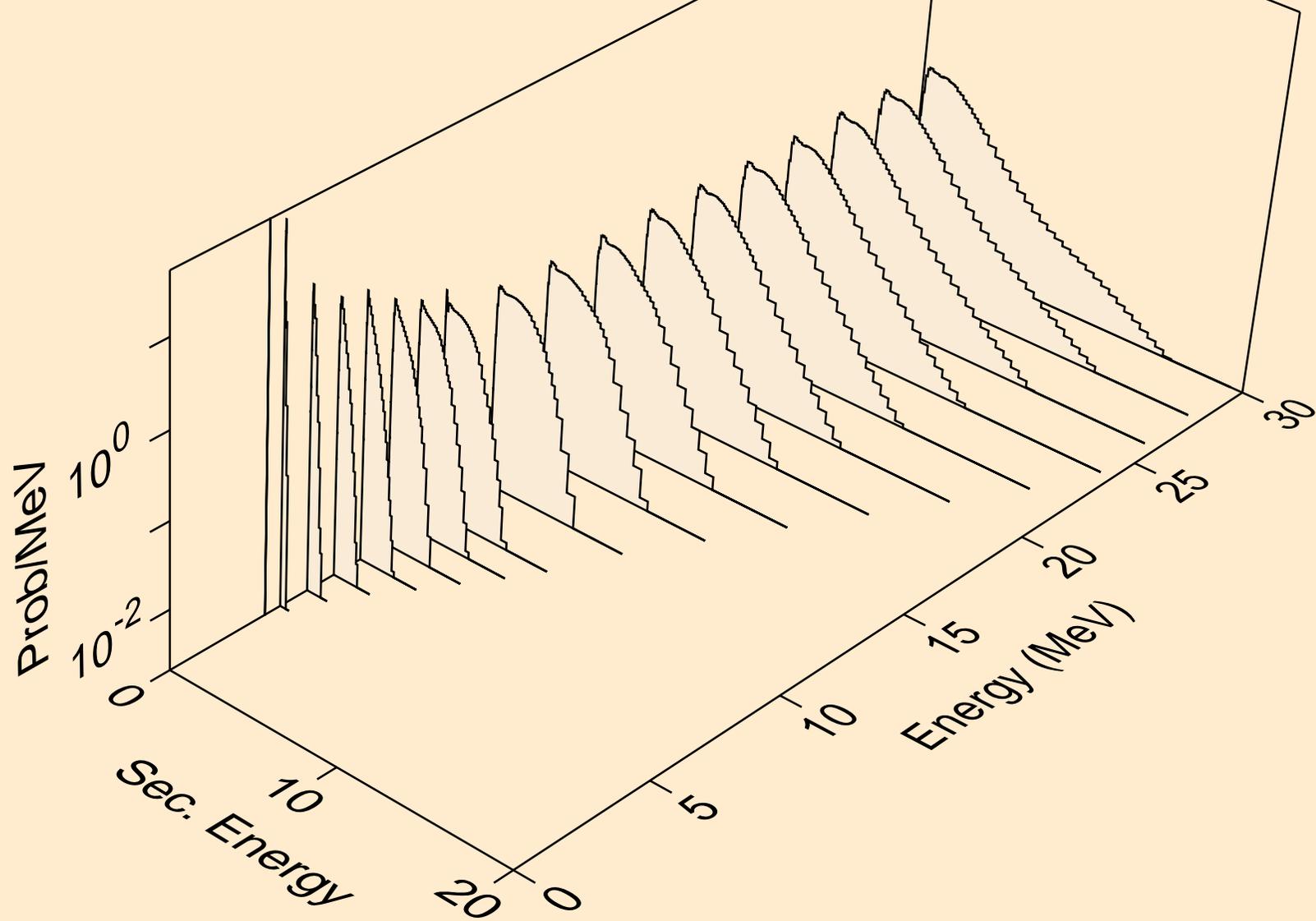
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



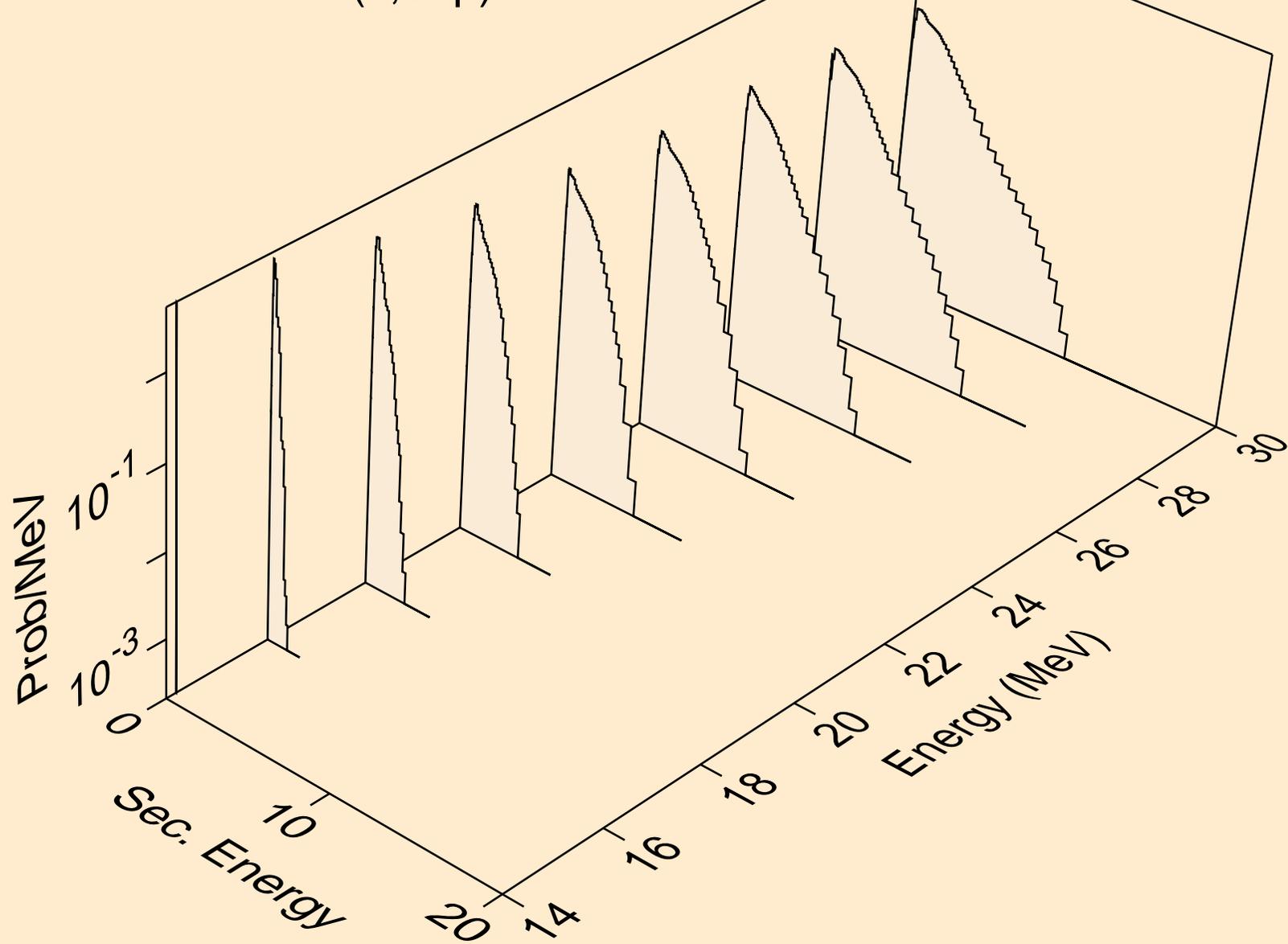
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)



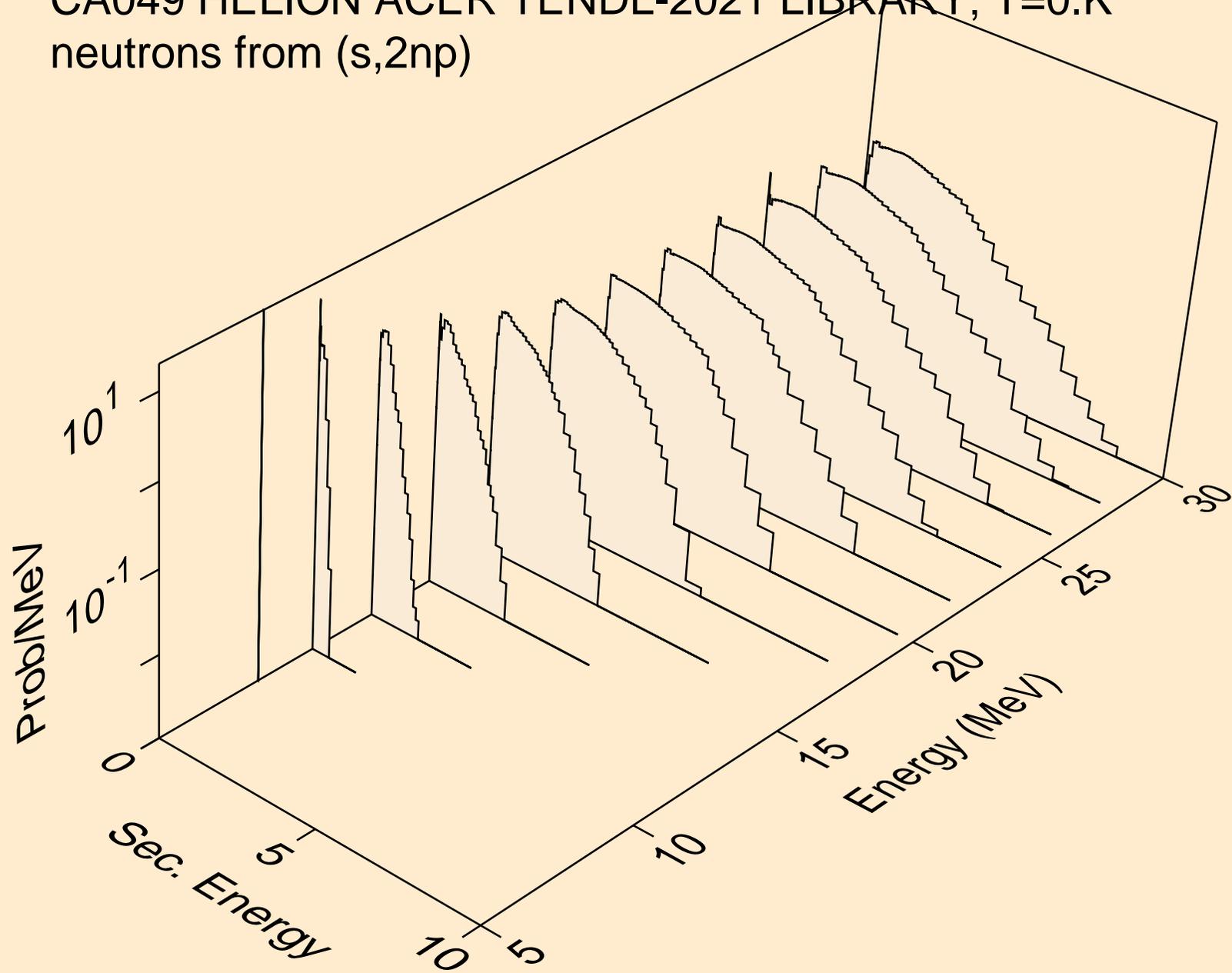
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



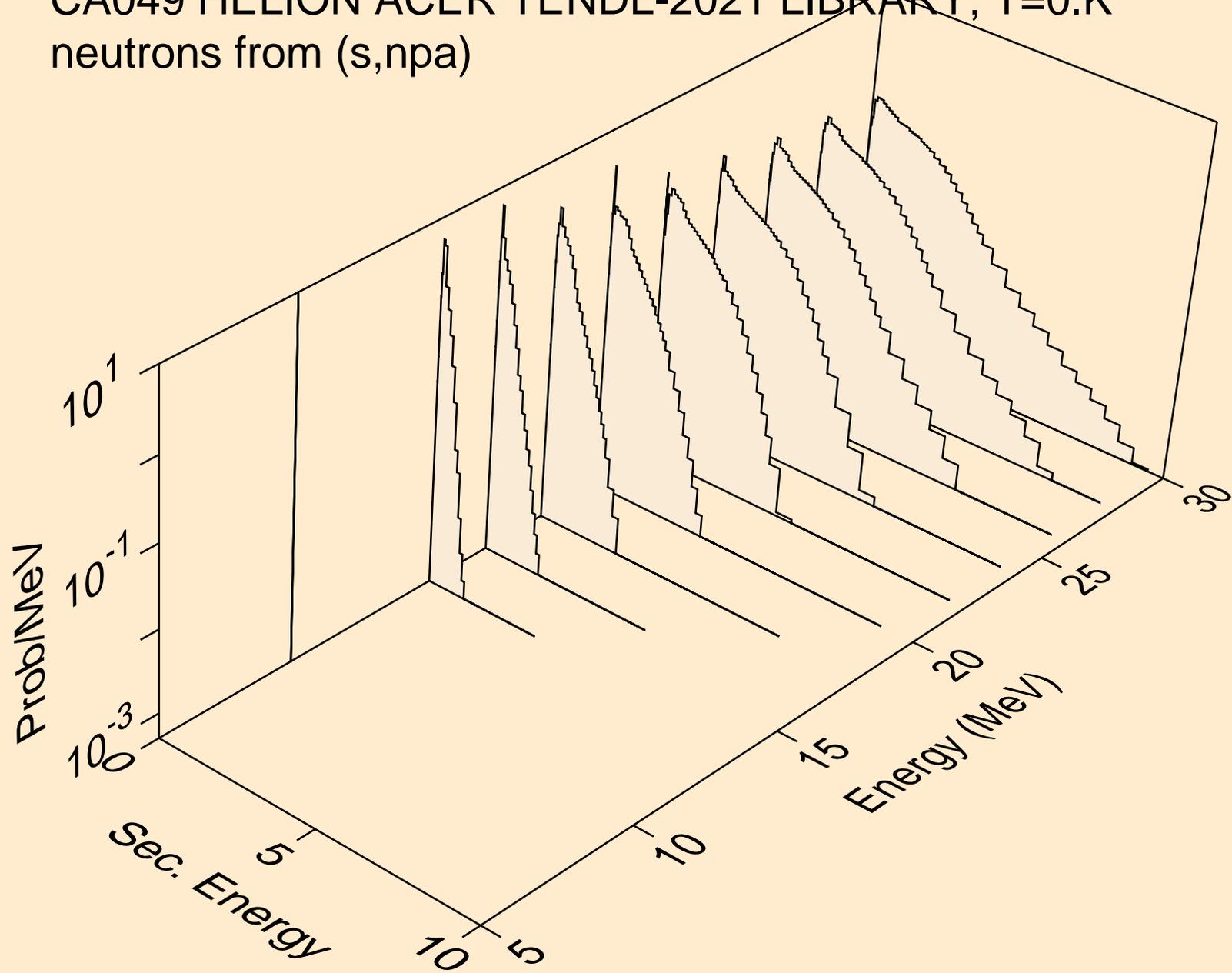
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



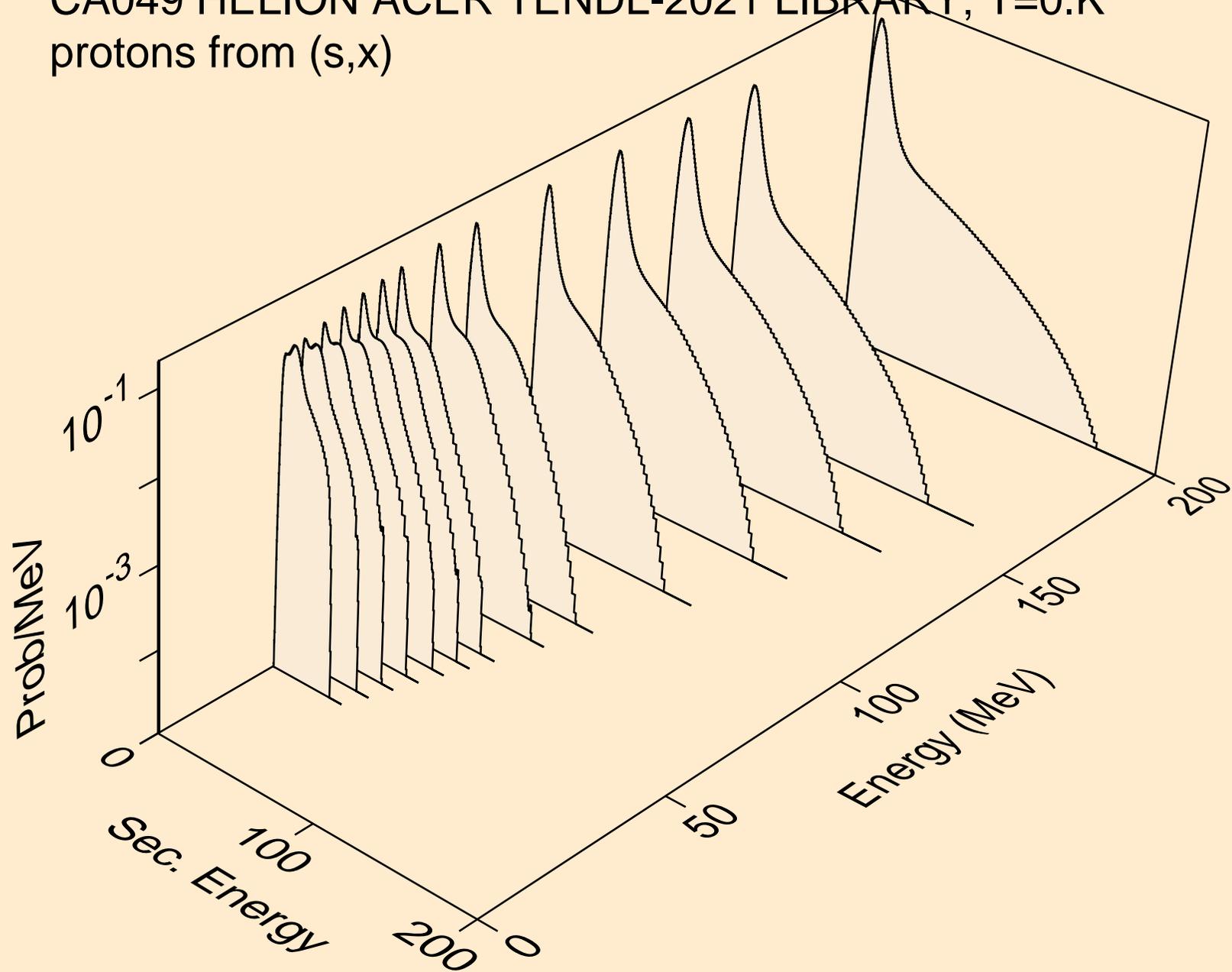
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



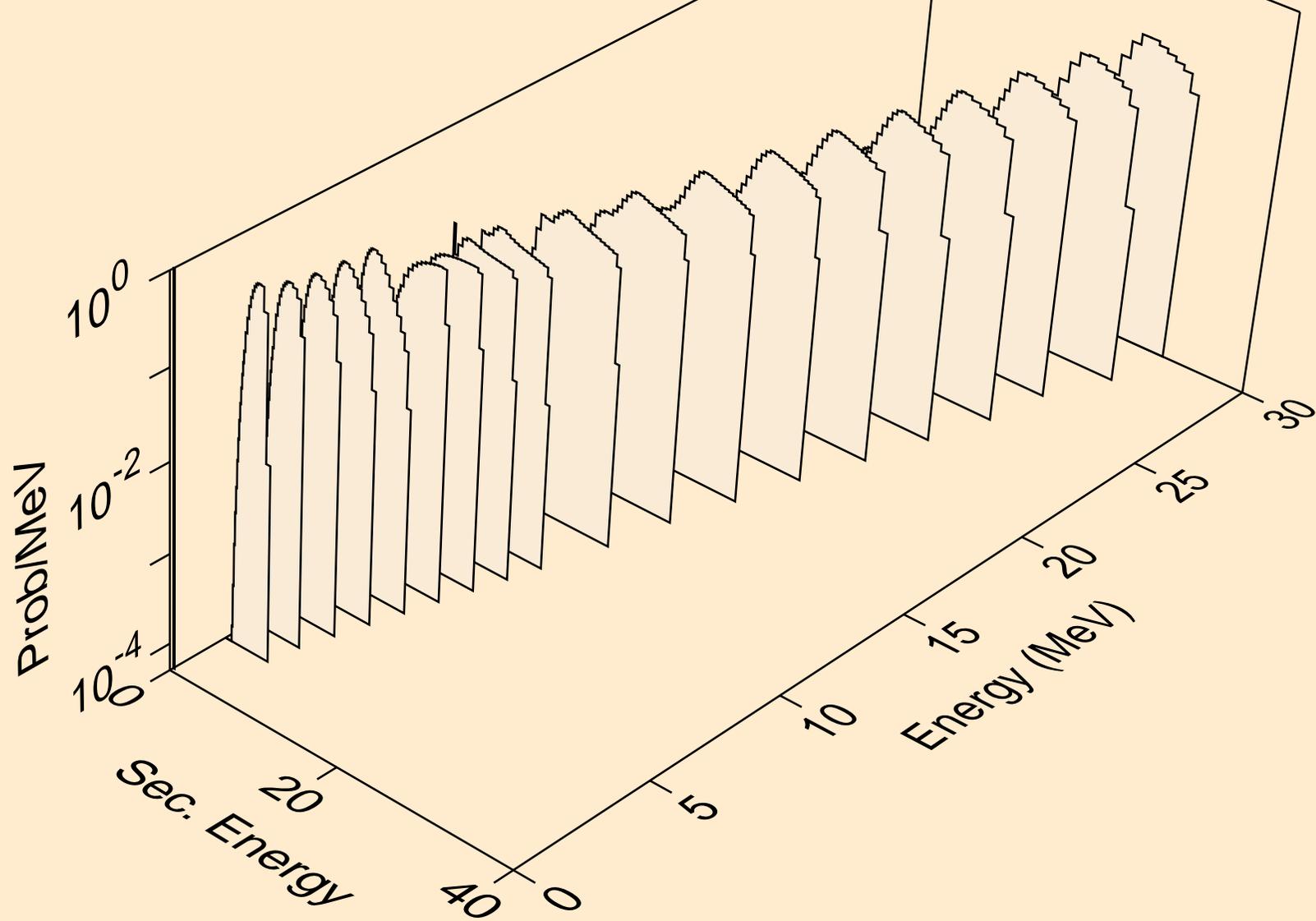
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



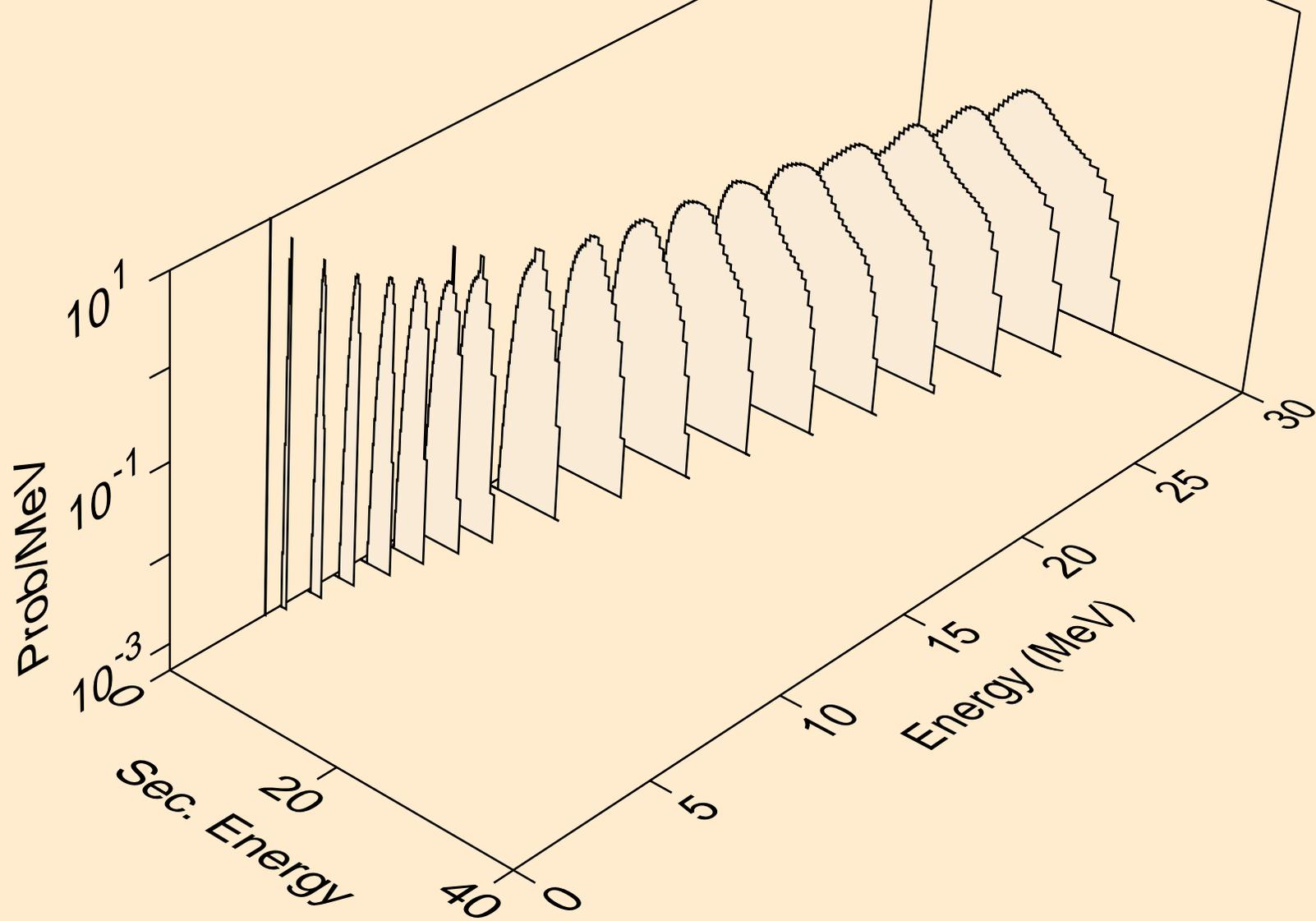
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



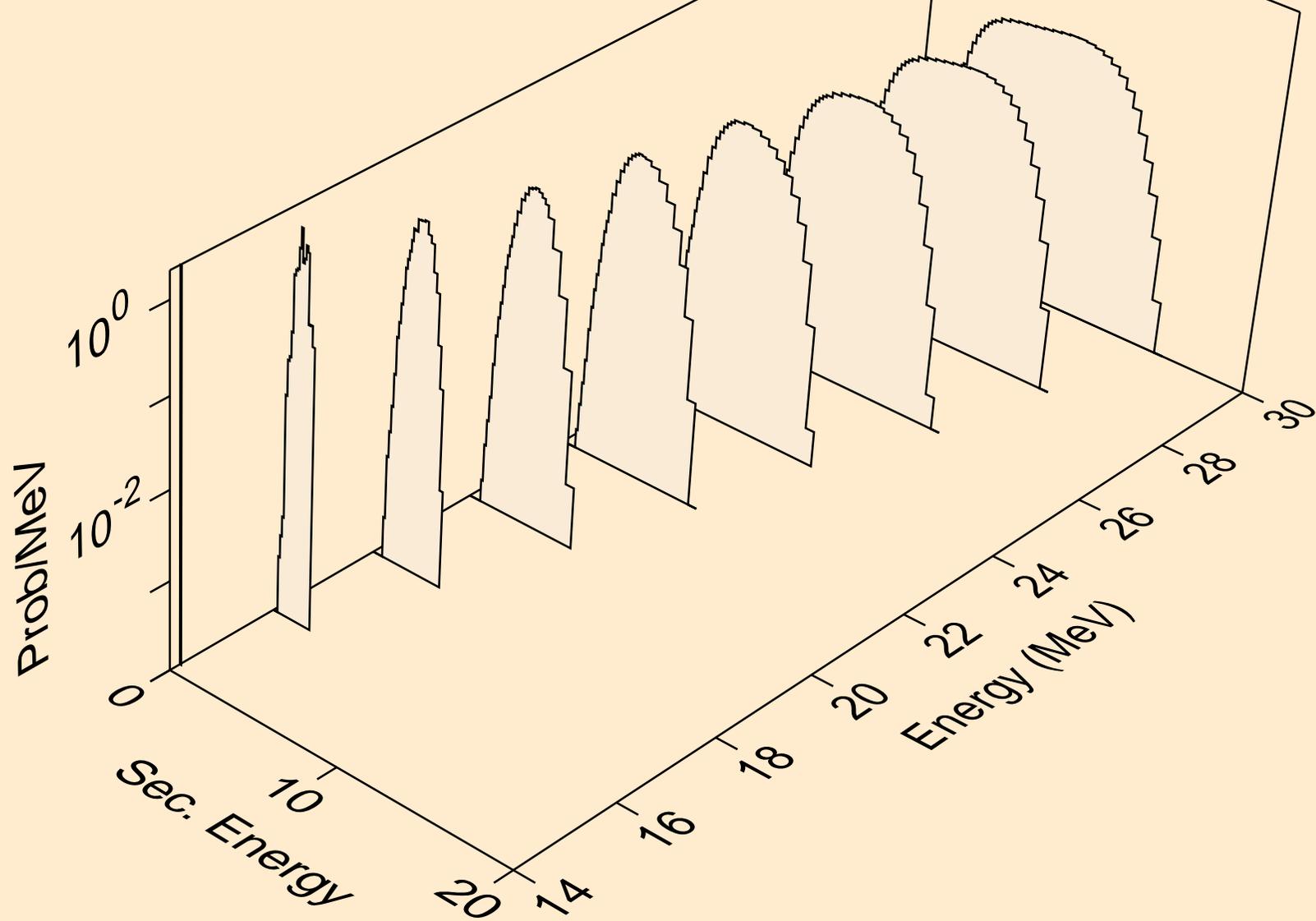
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



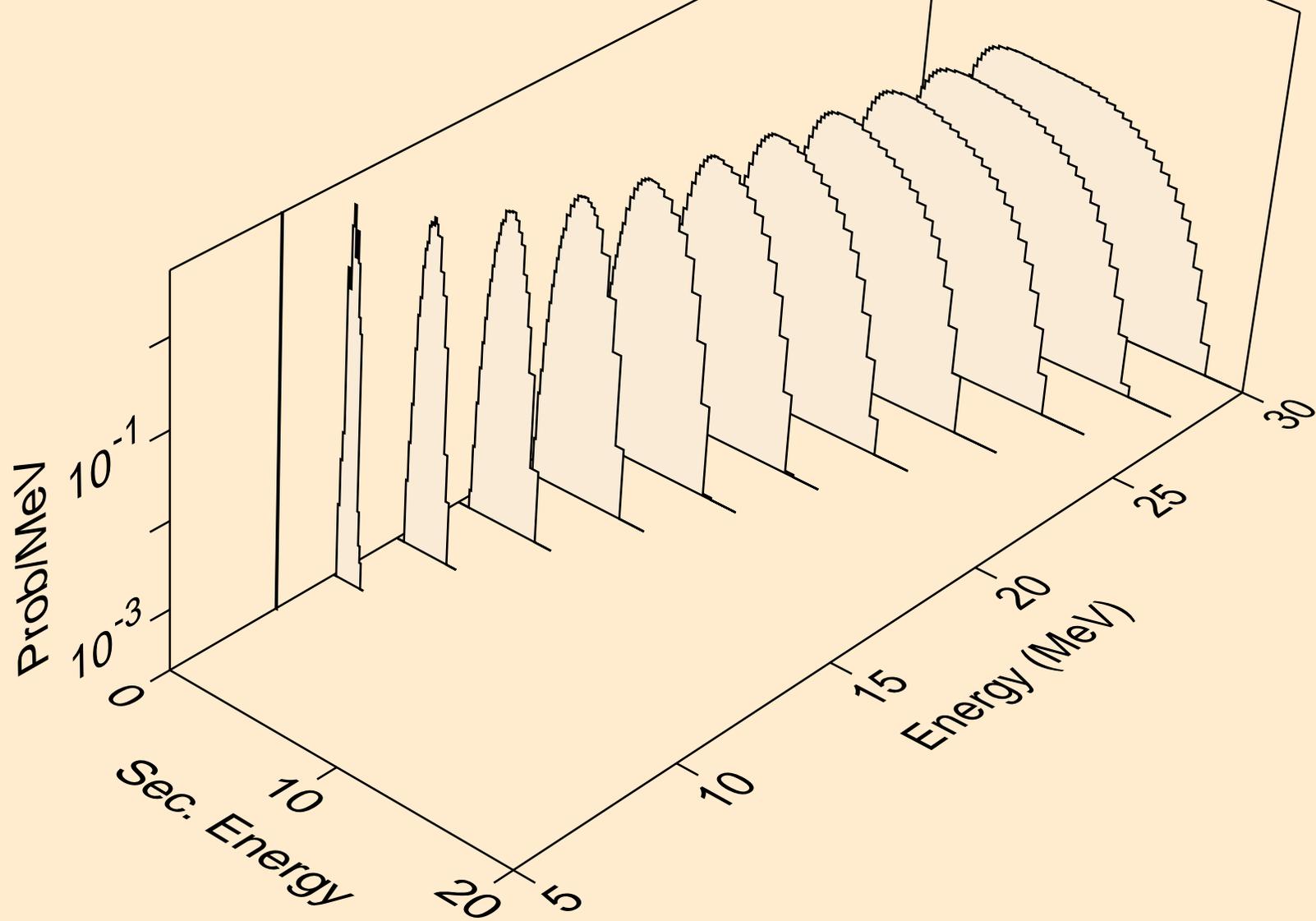
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



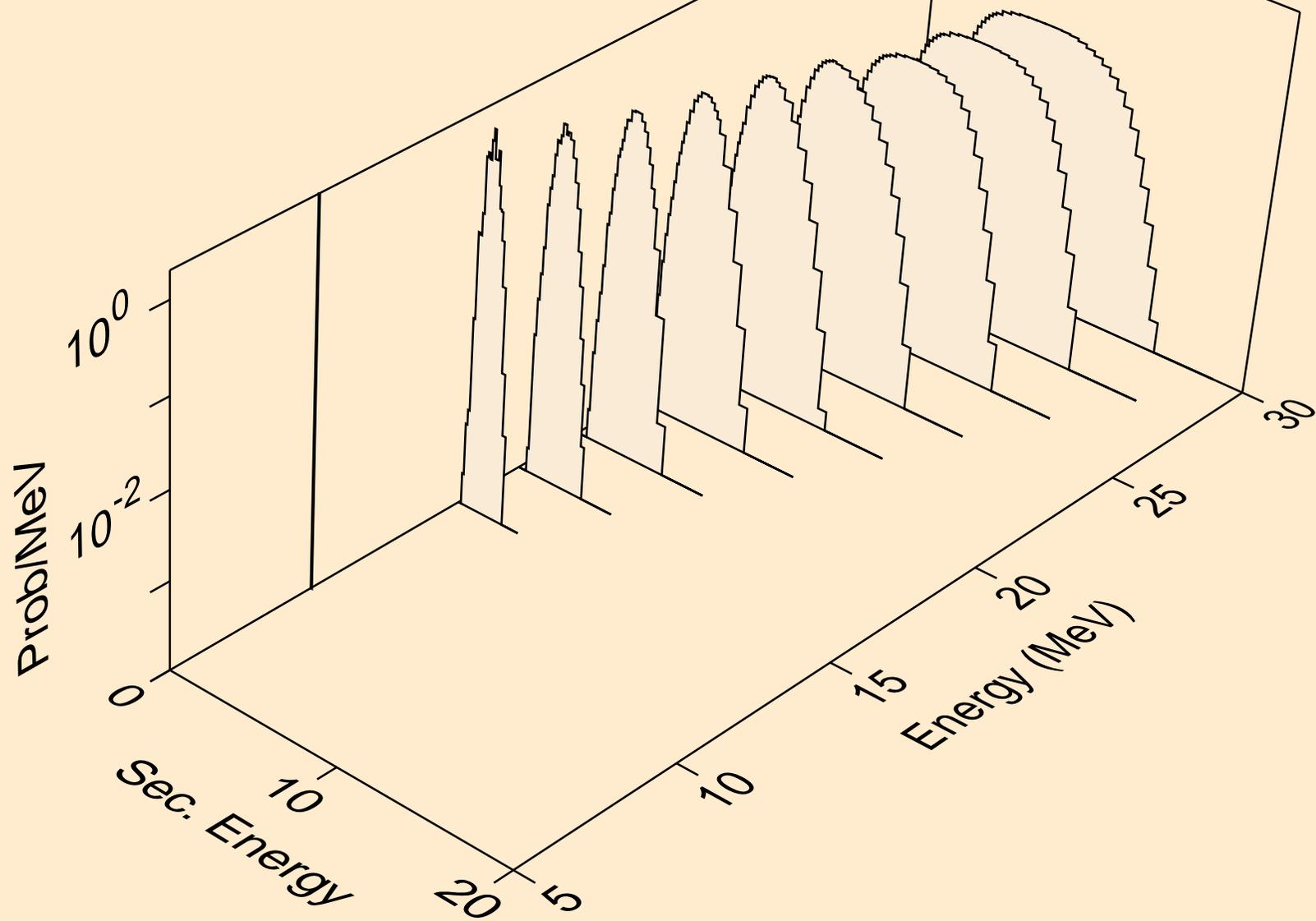
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)



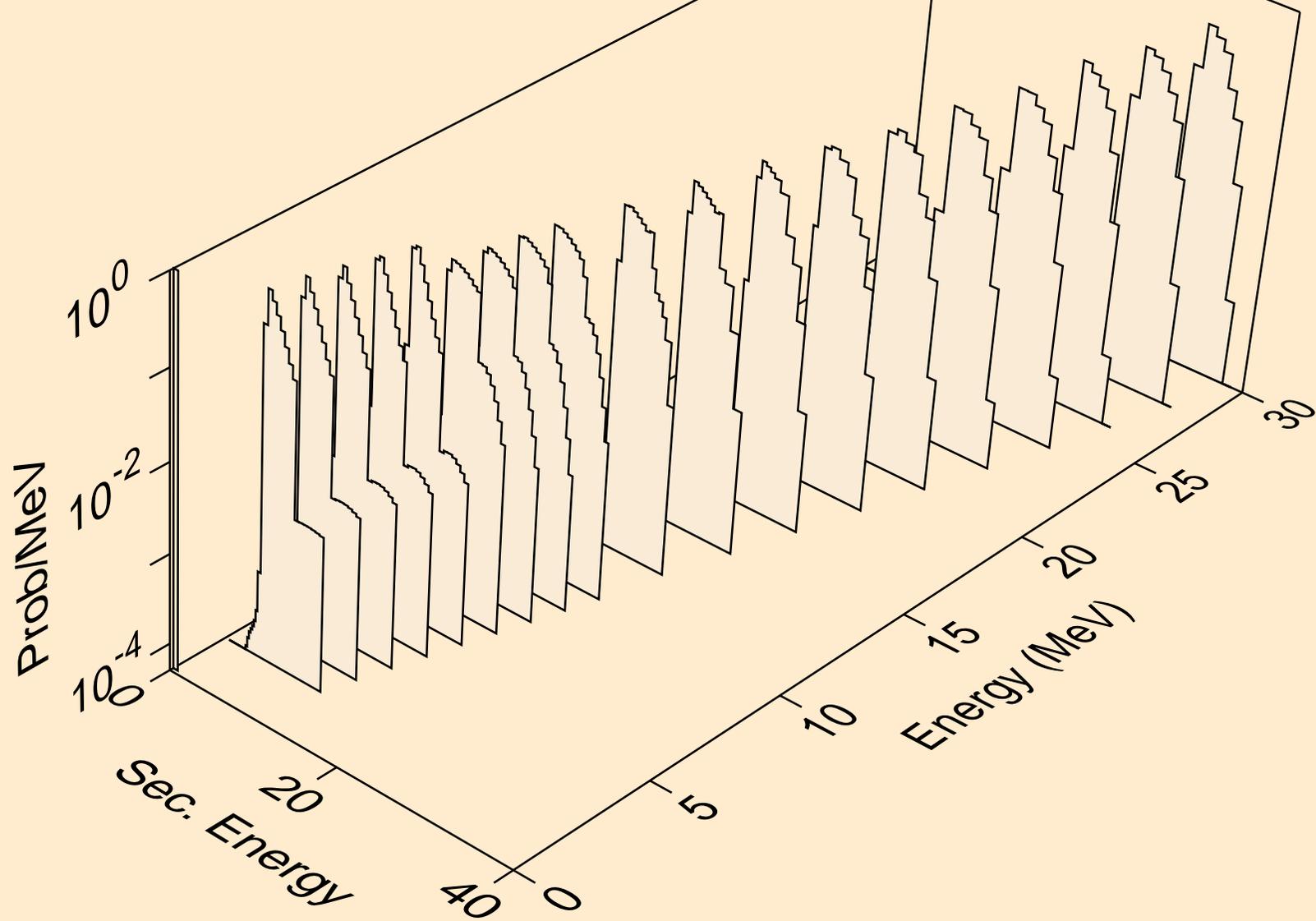
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



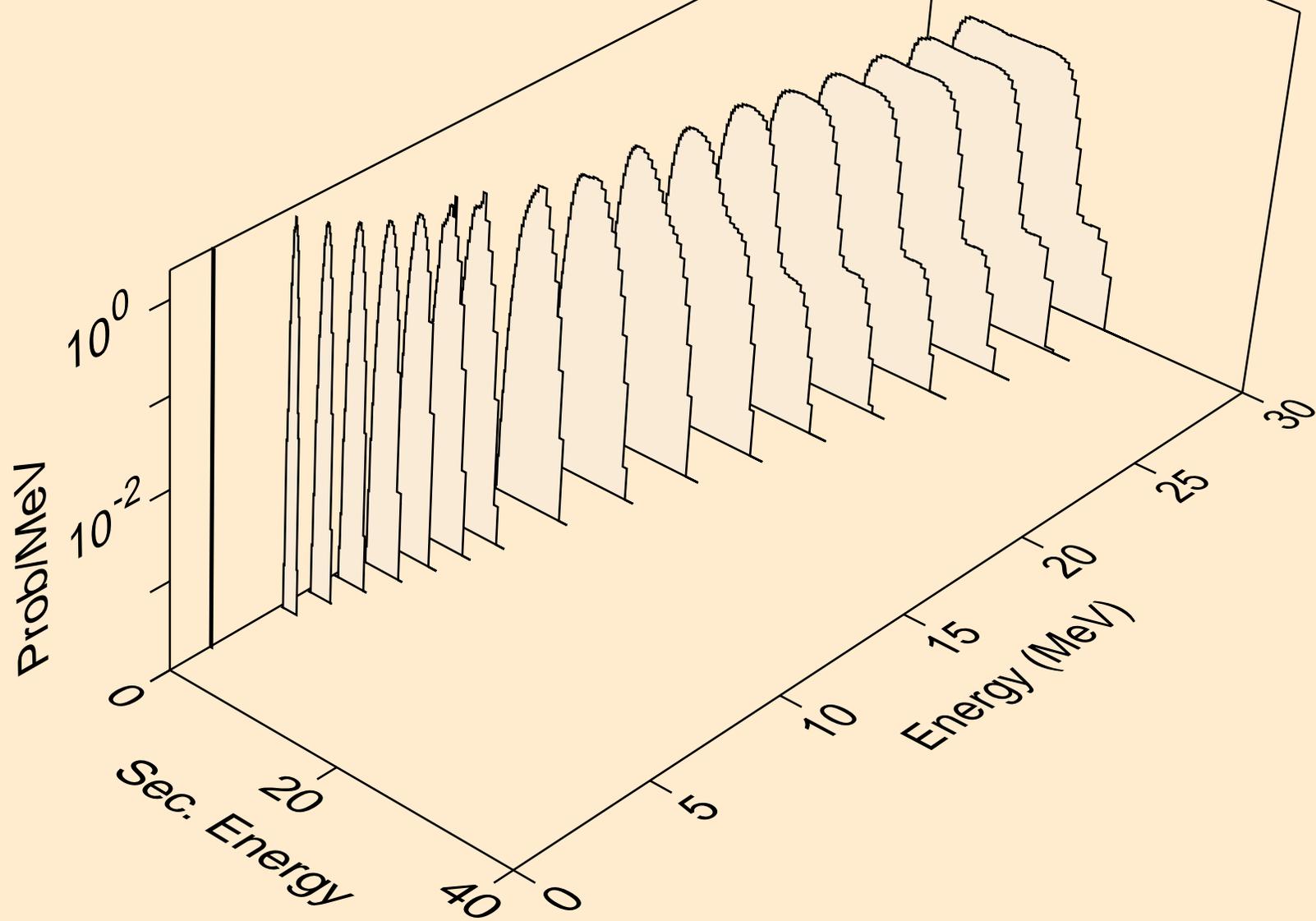
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



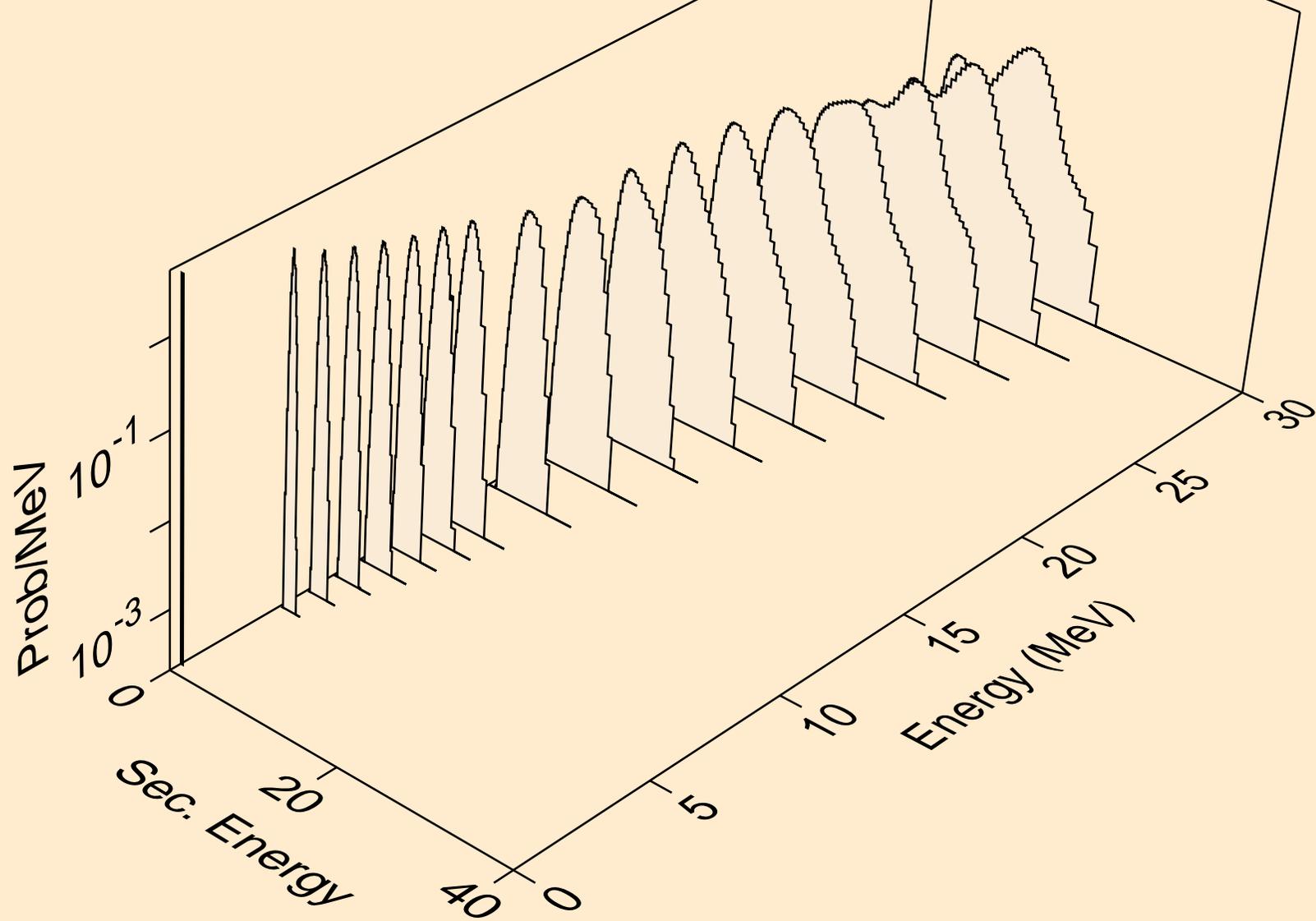
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



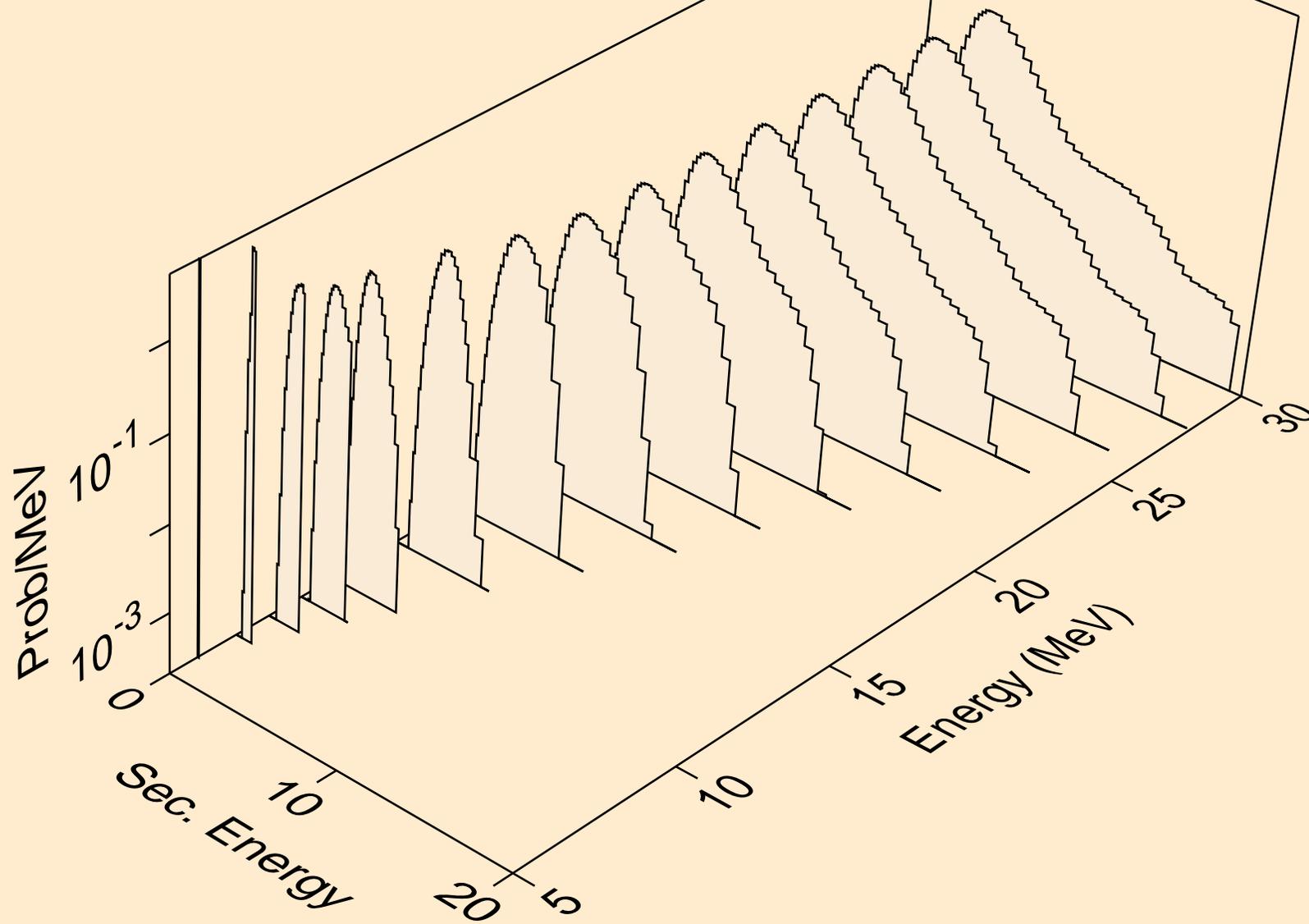
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



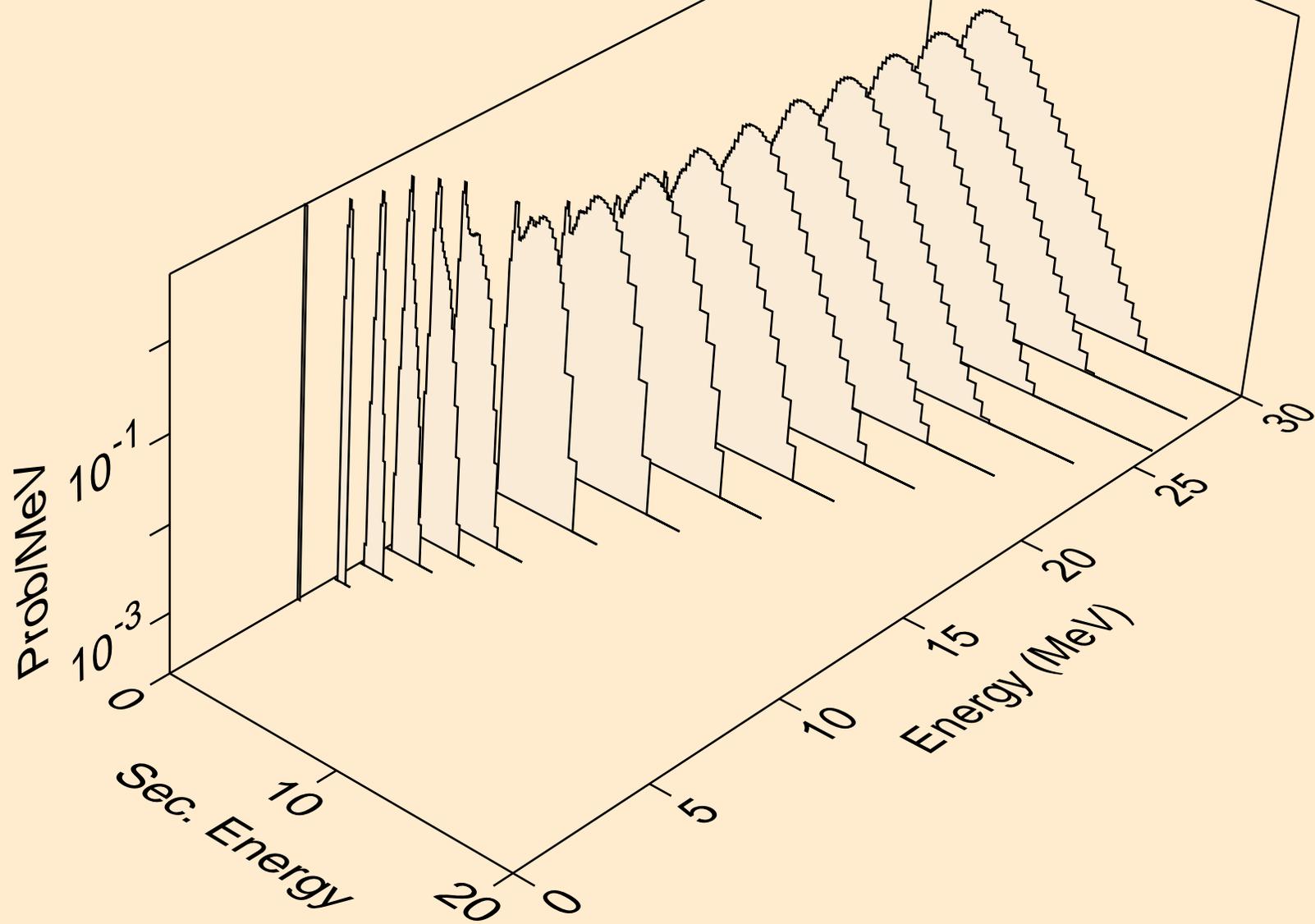
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



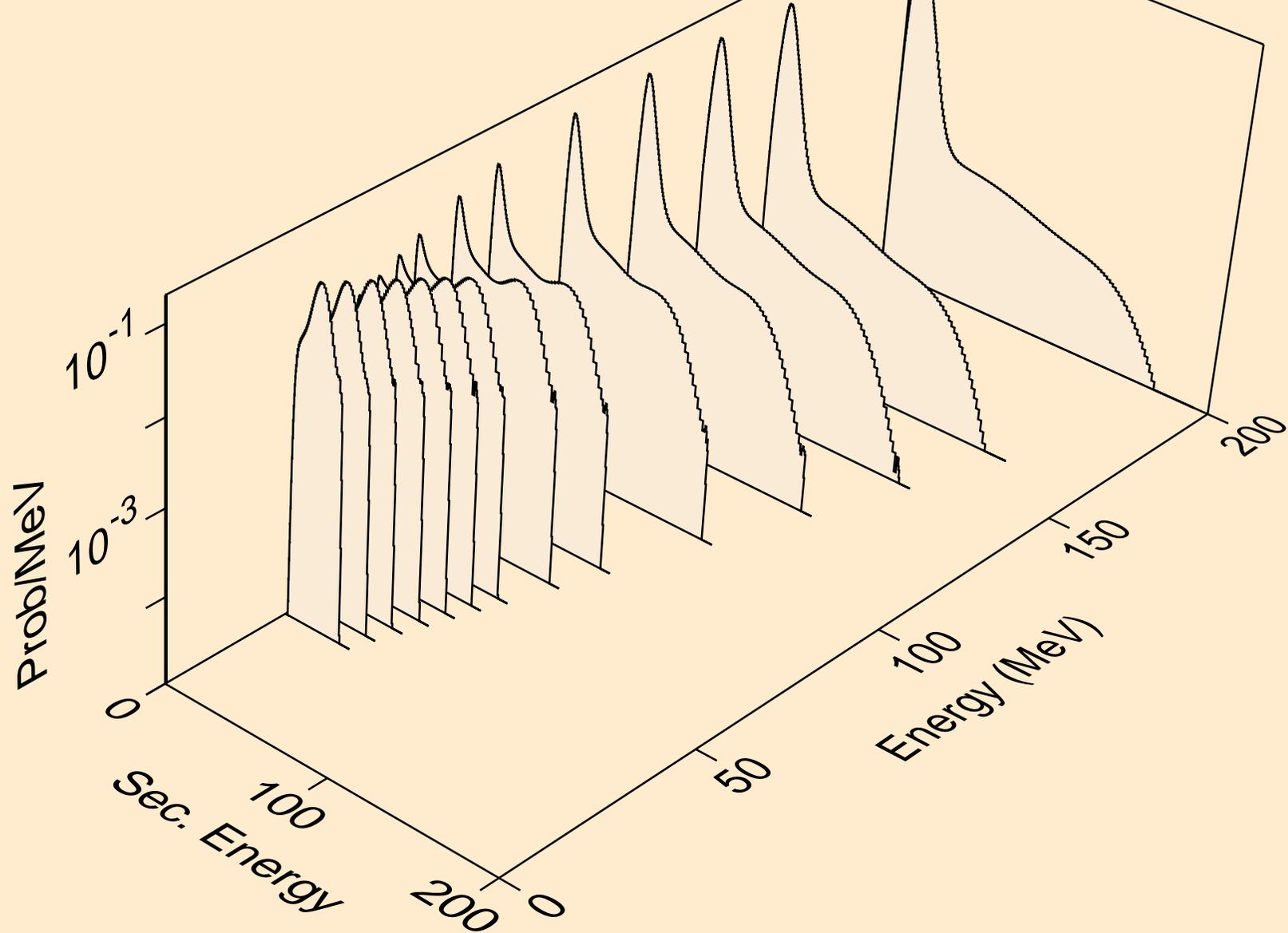
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



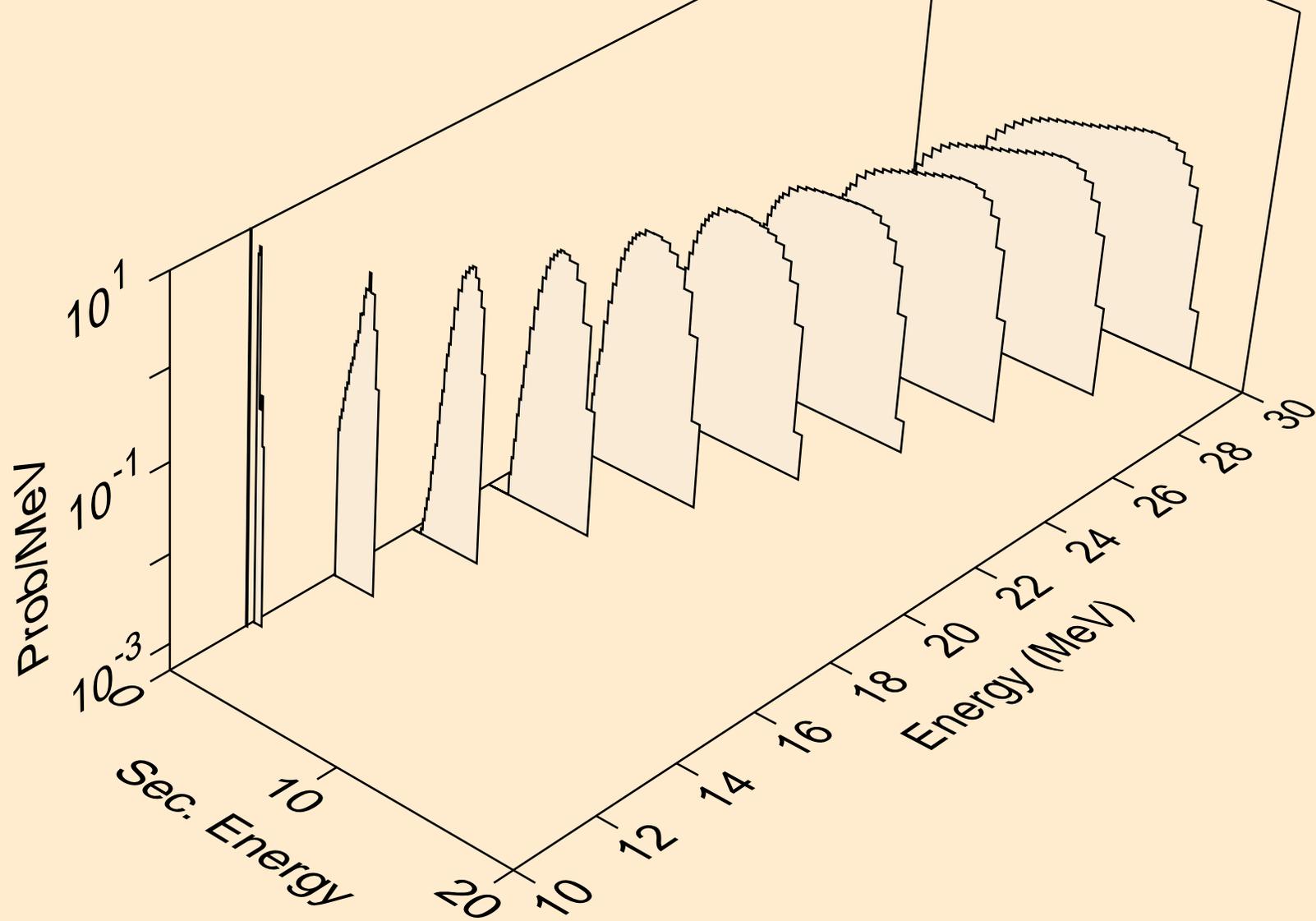
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



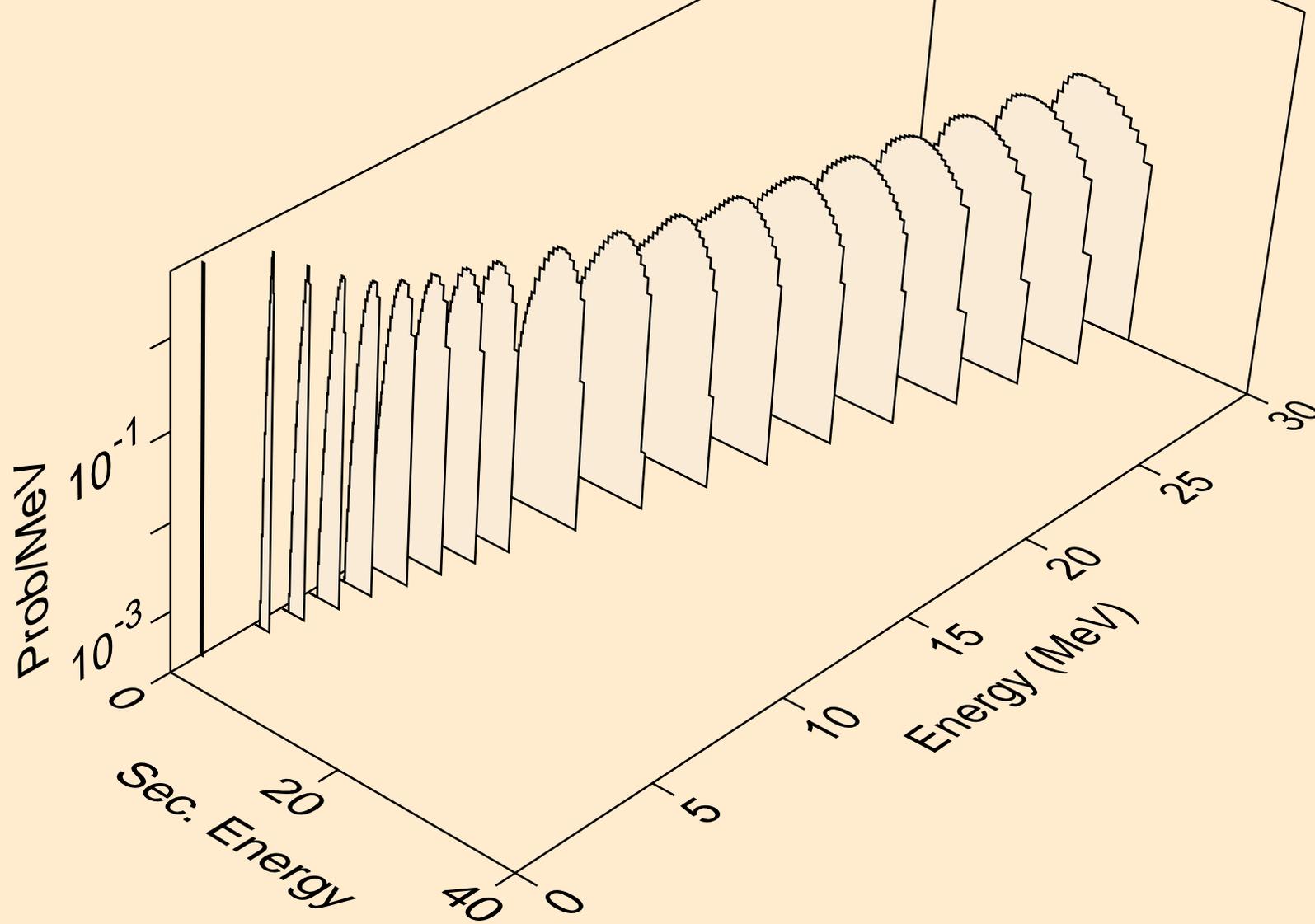
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



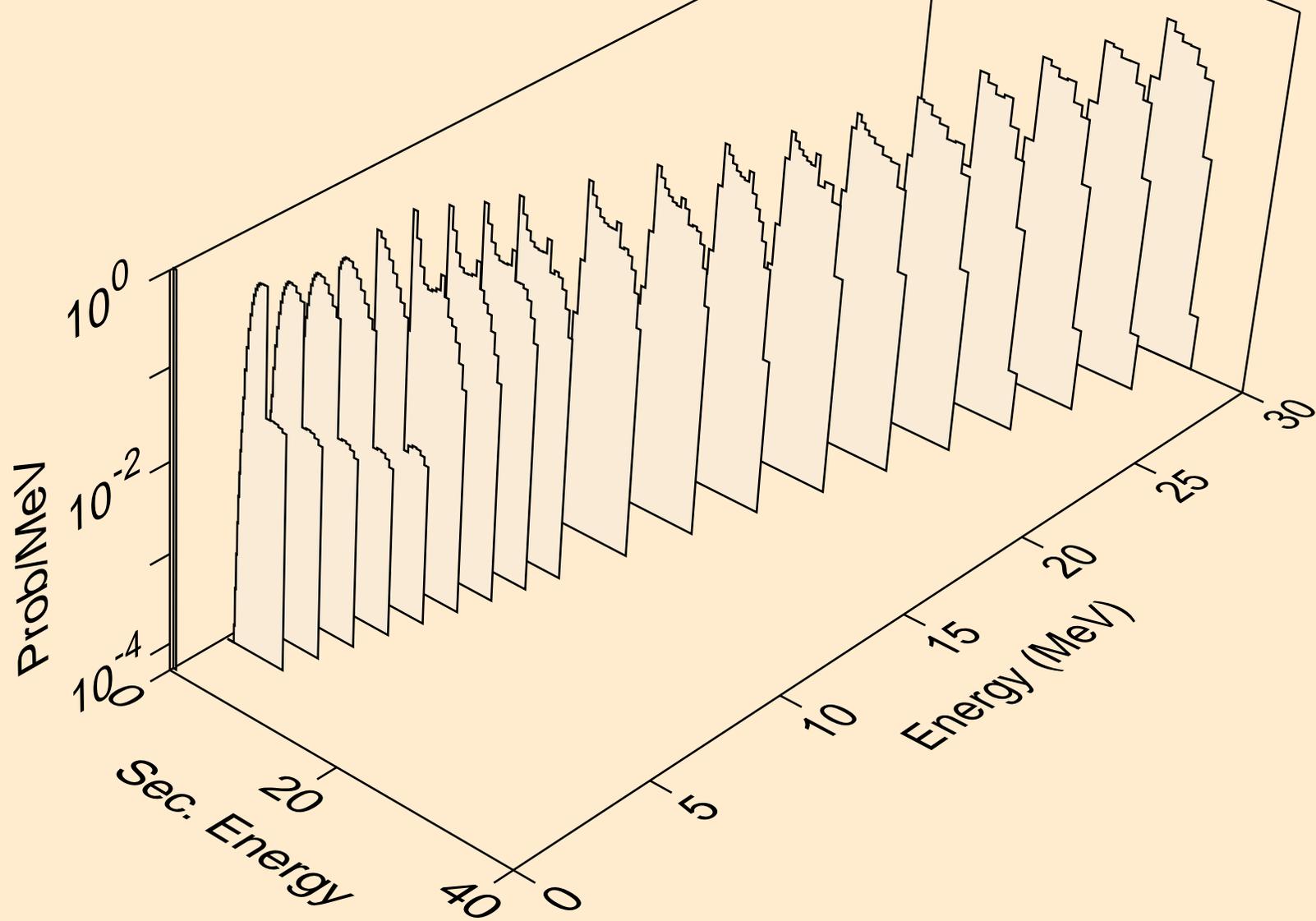
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)



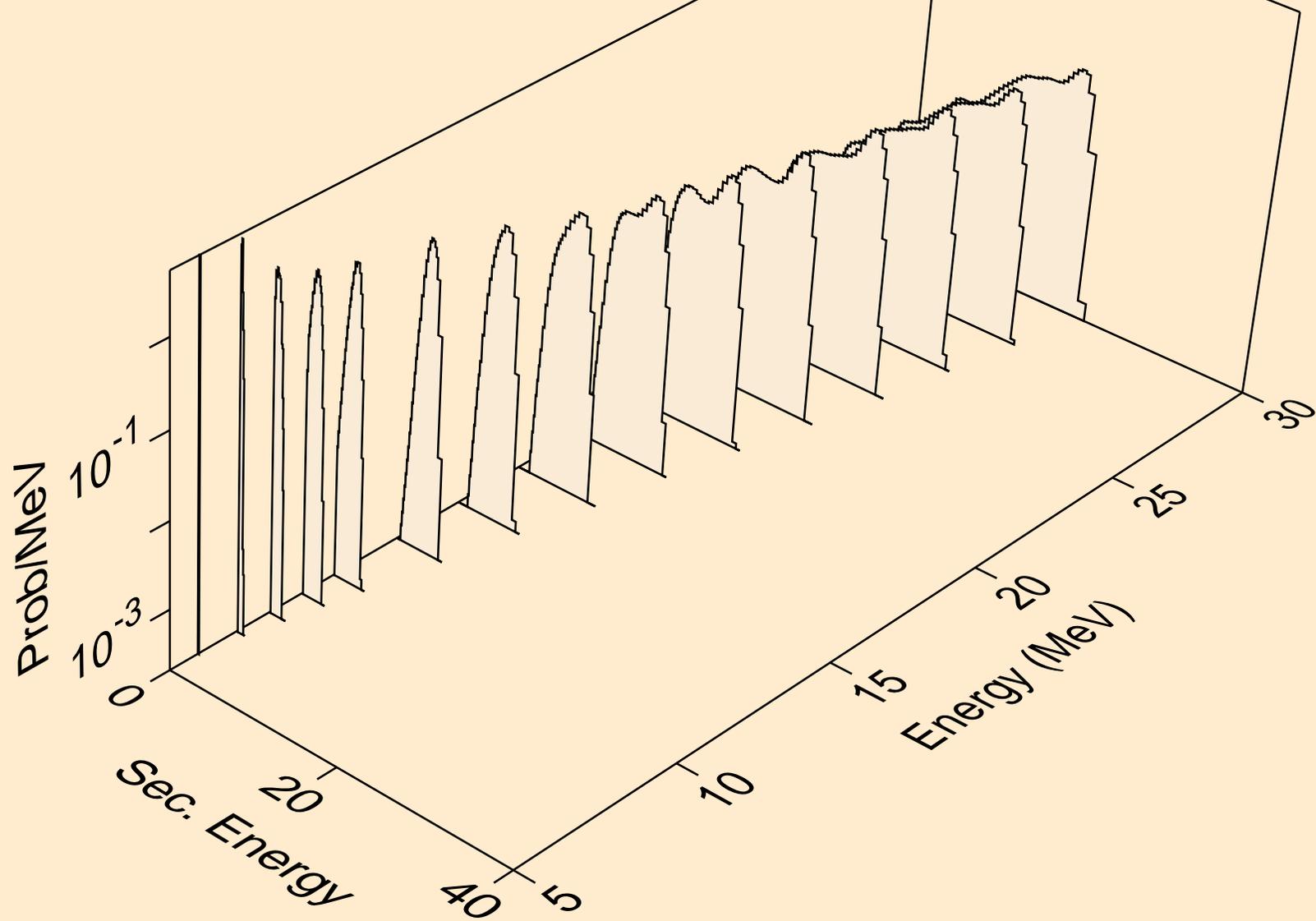
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



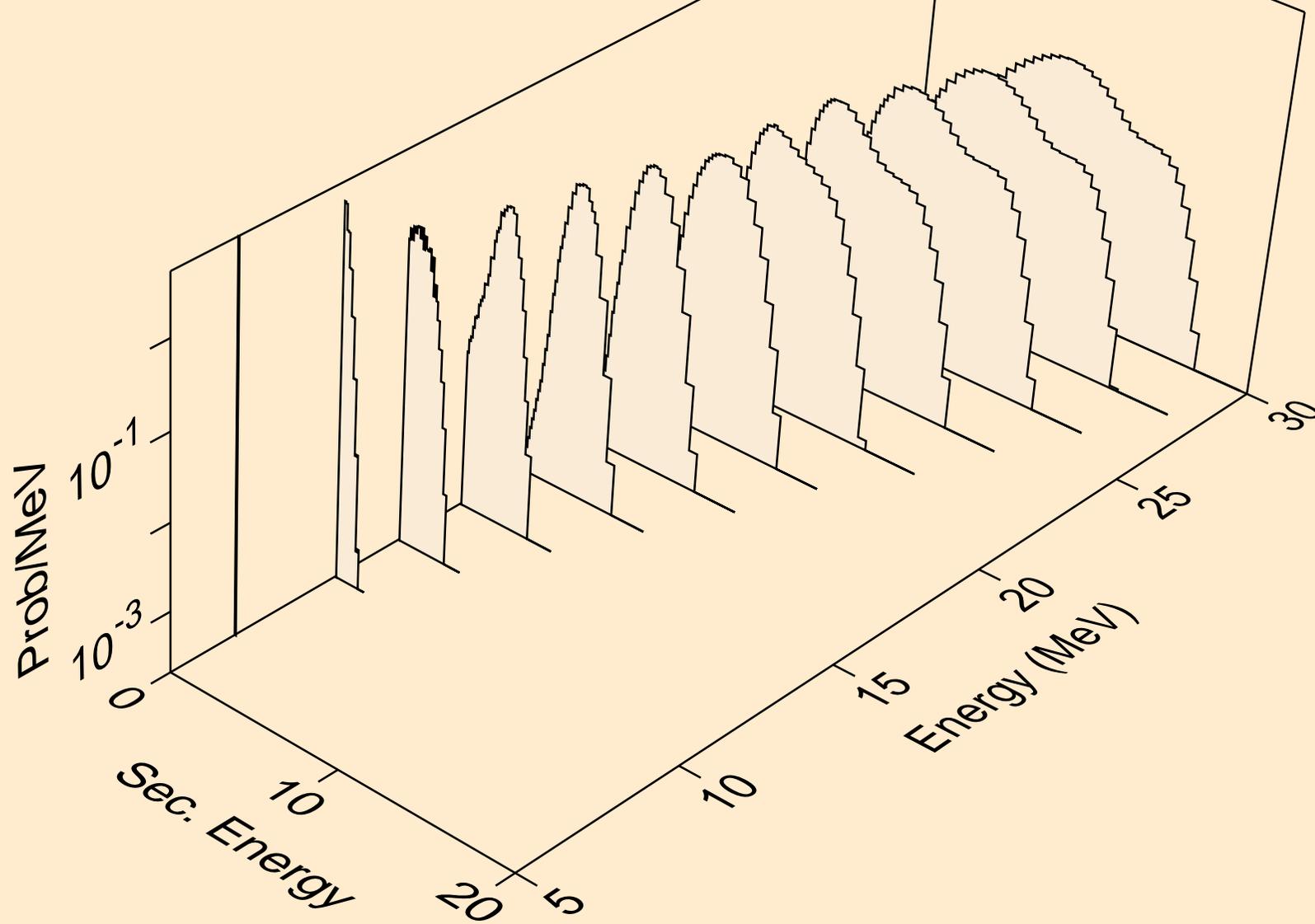
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



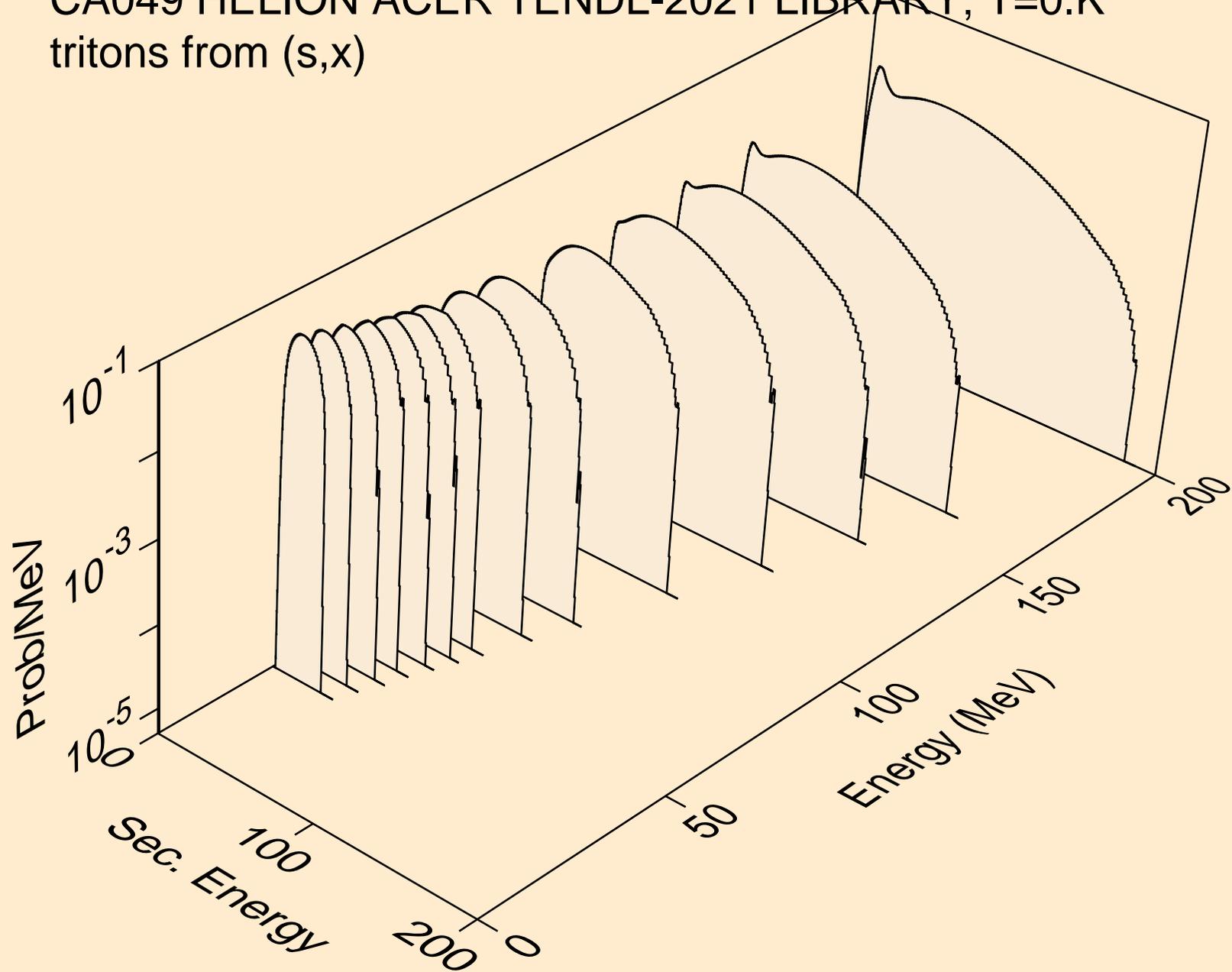
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



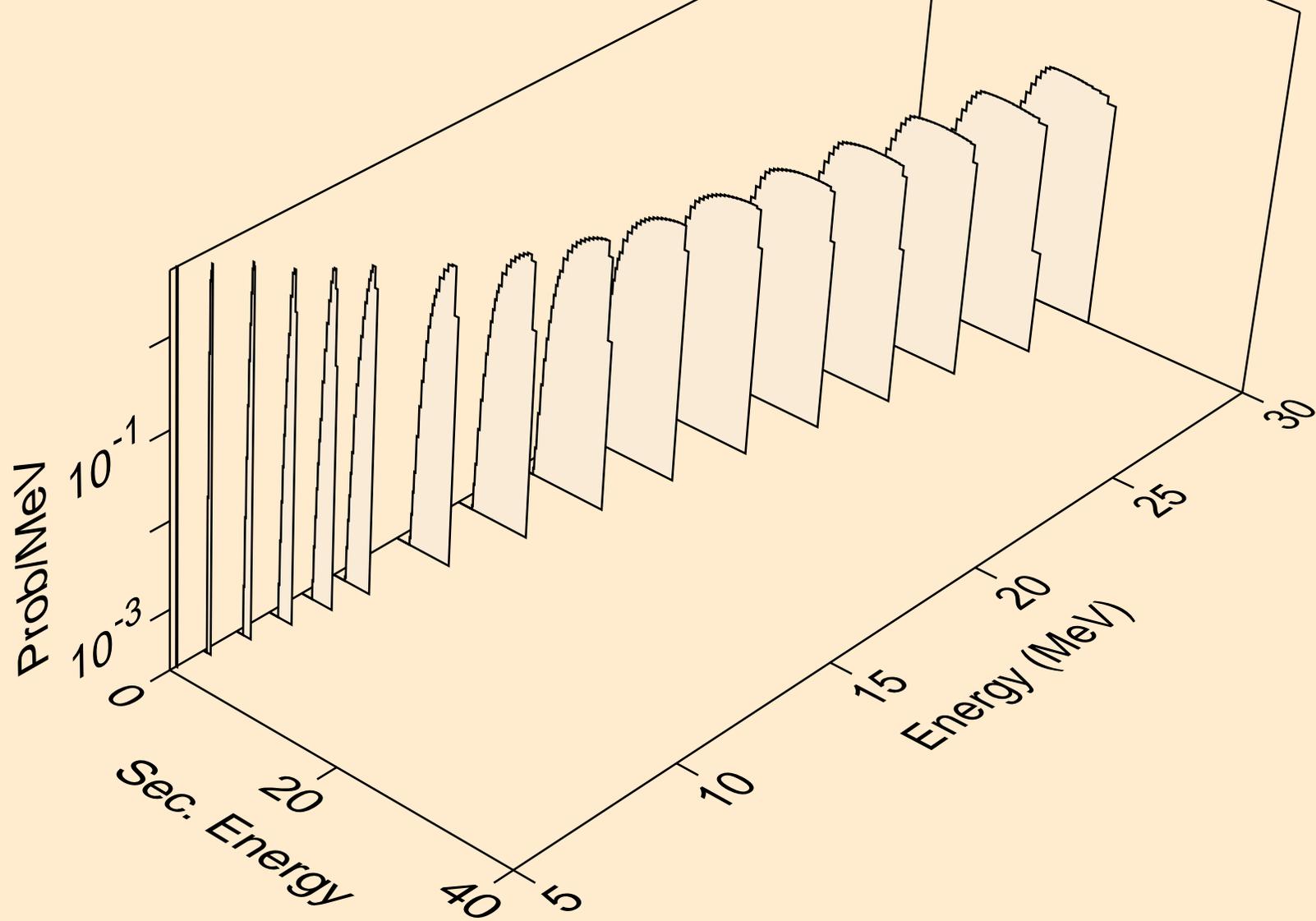
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



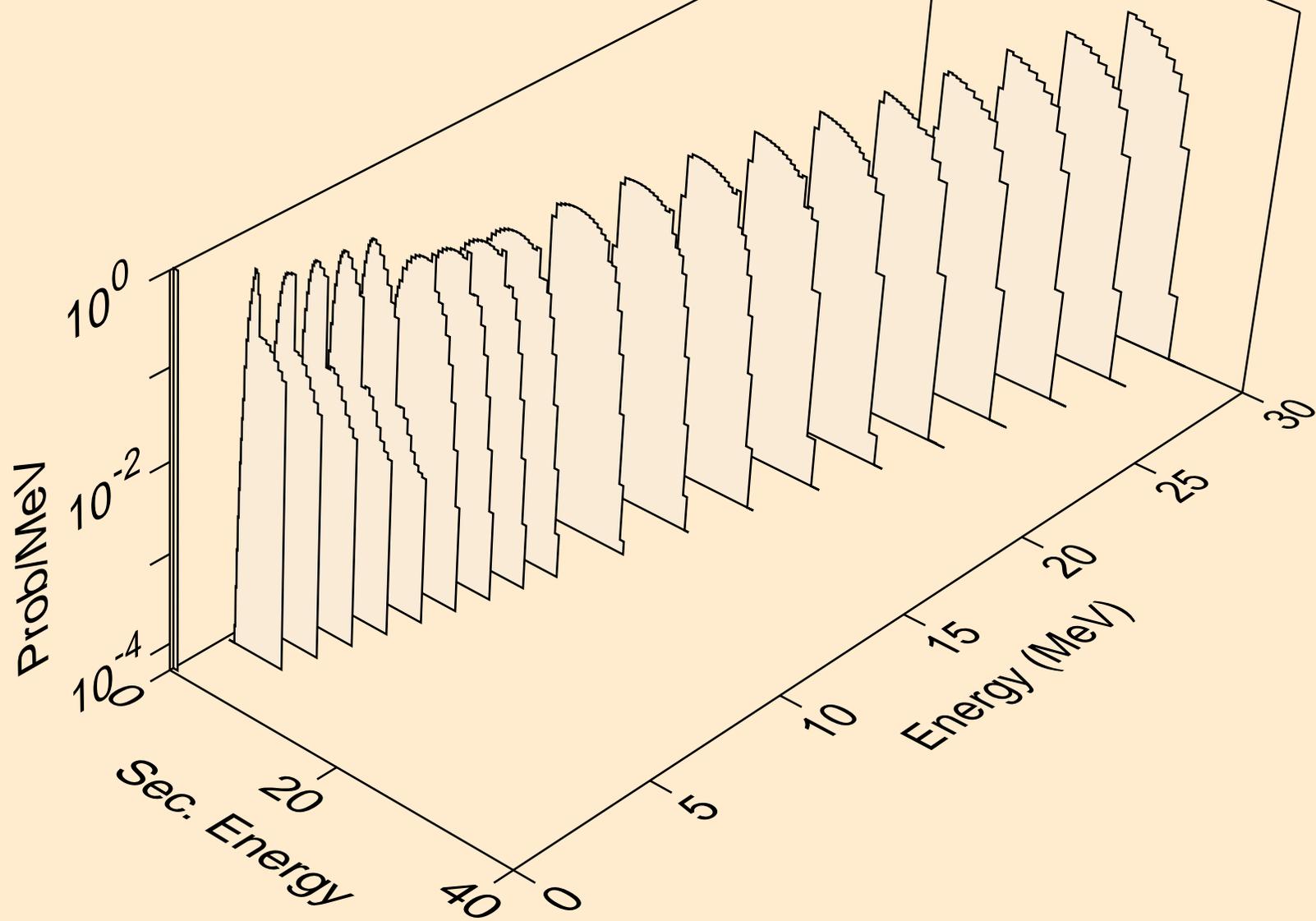
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



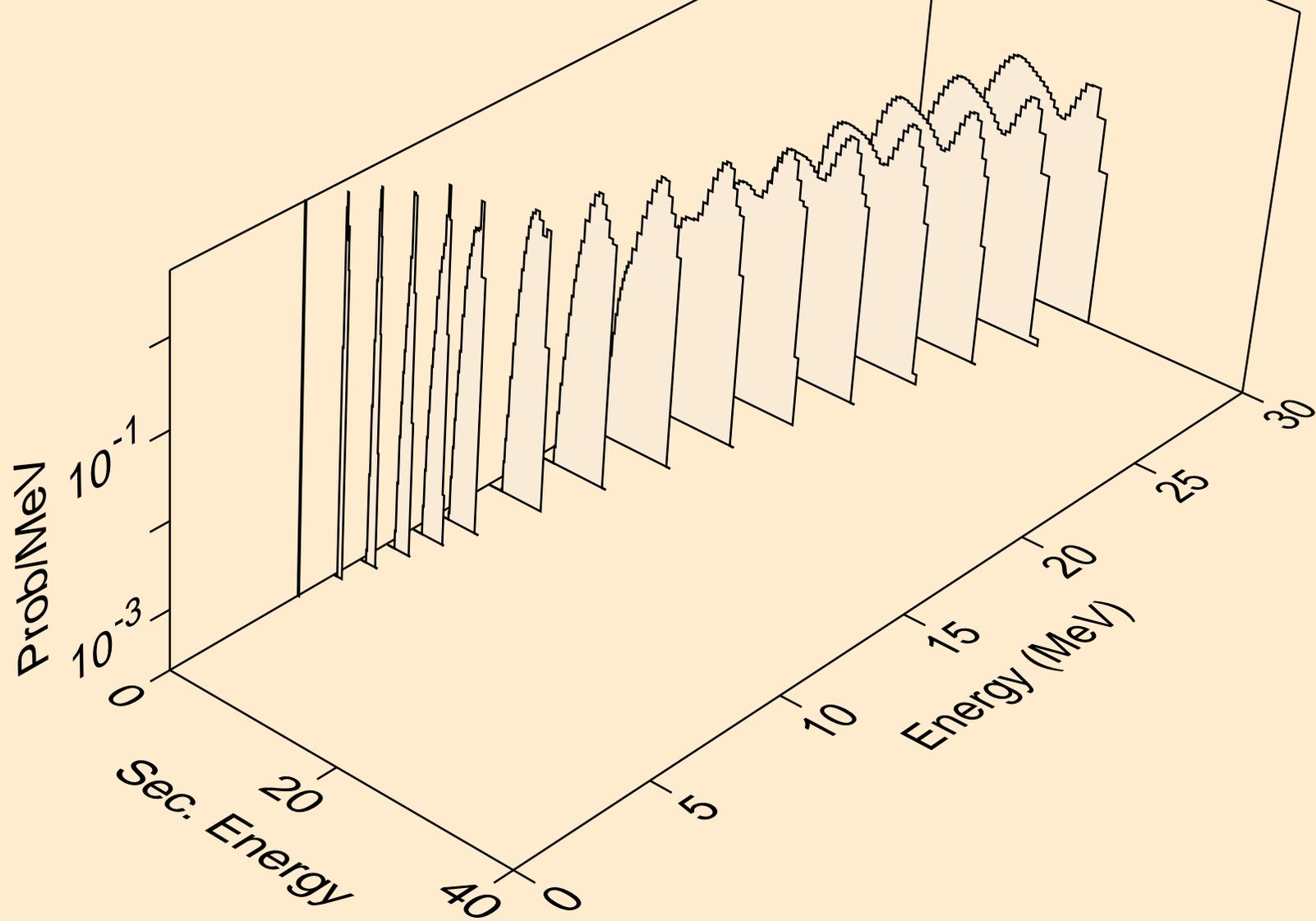
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



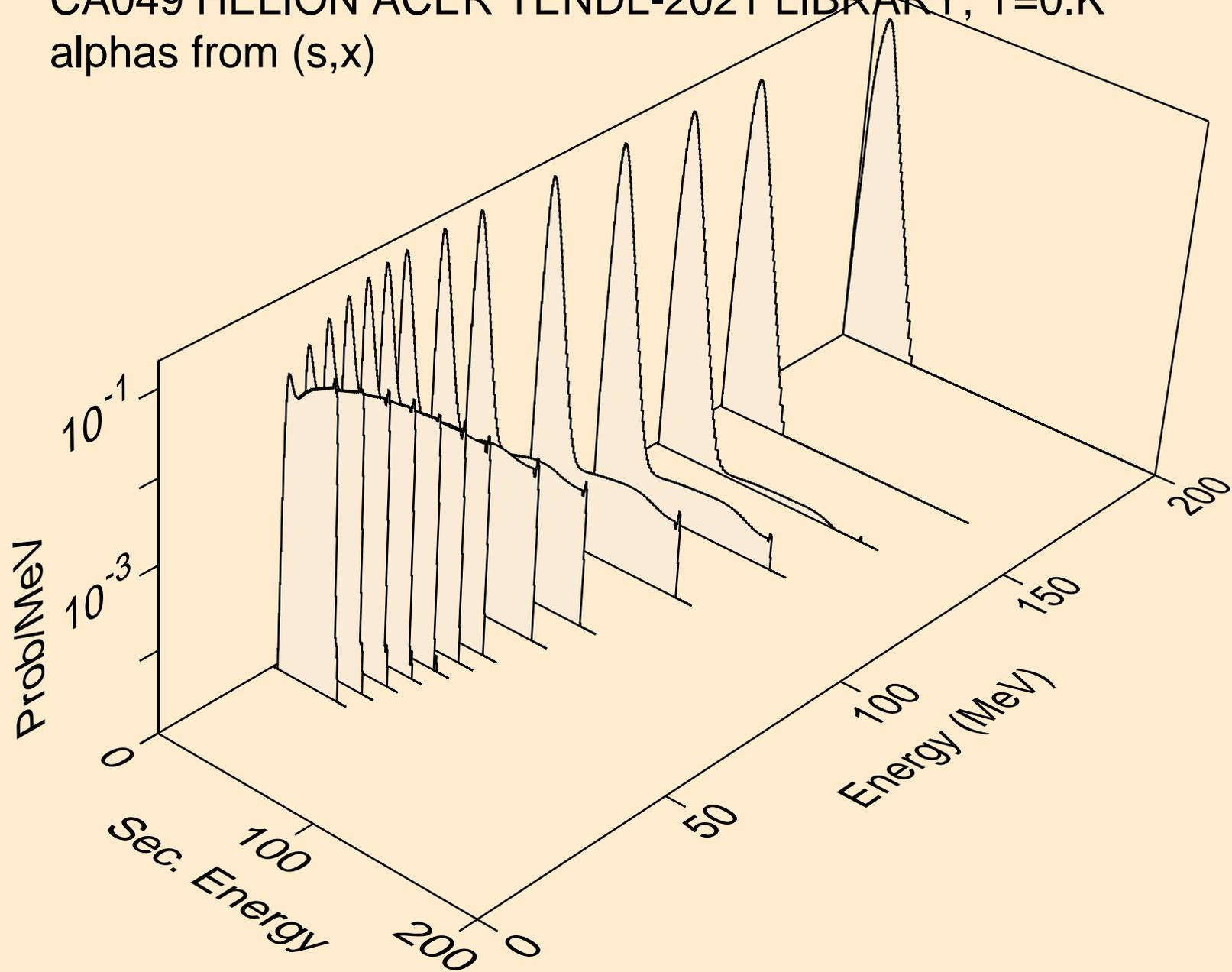
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)



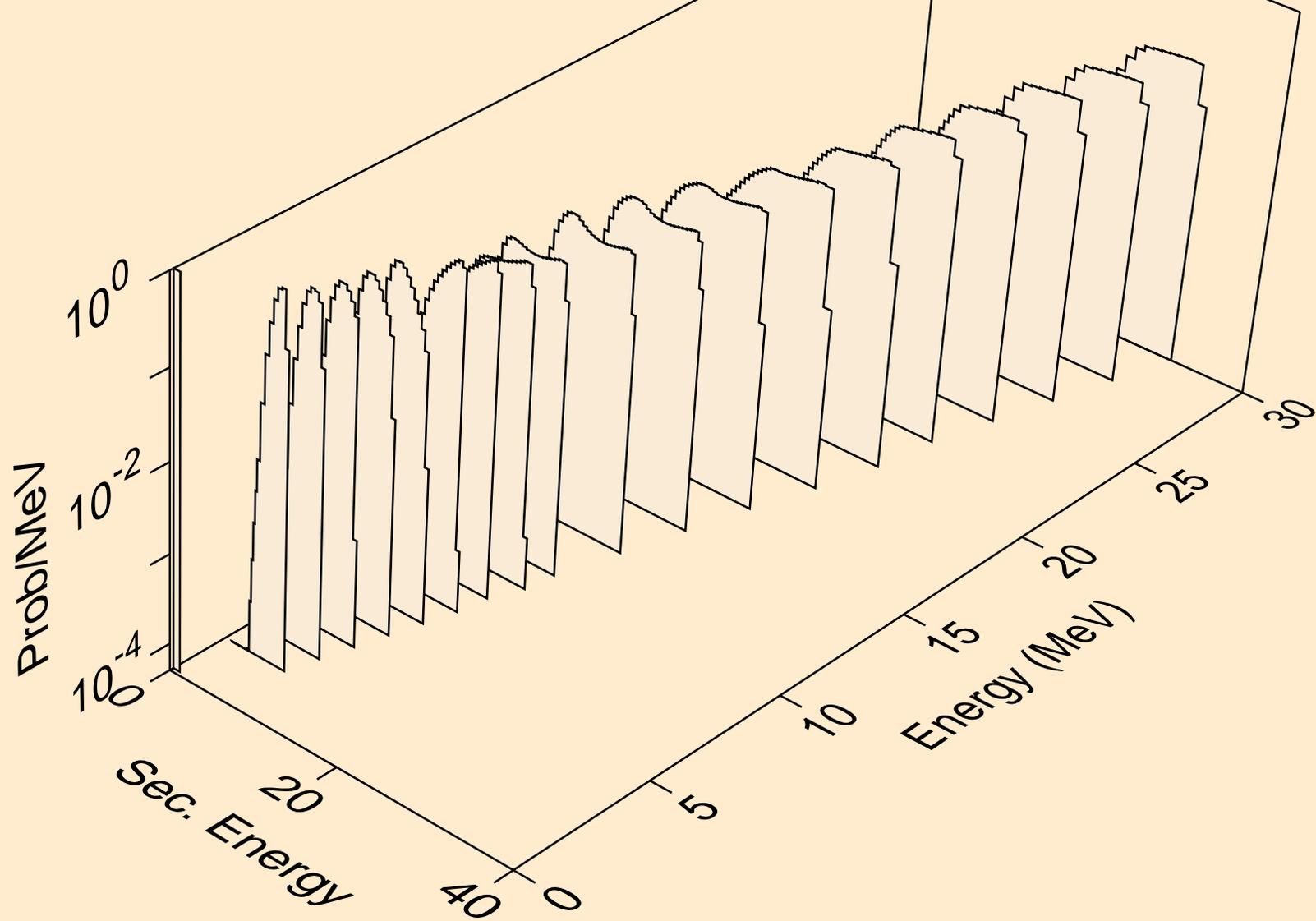
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



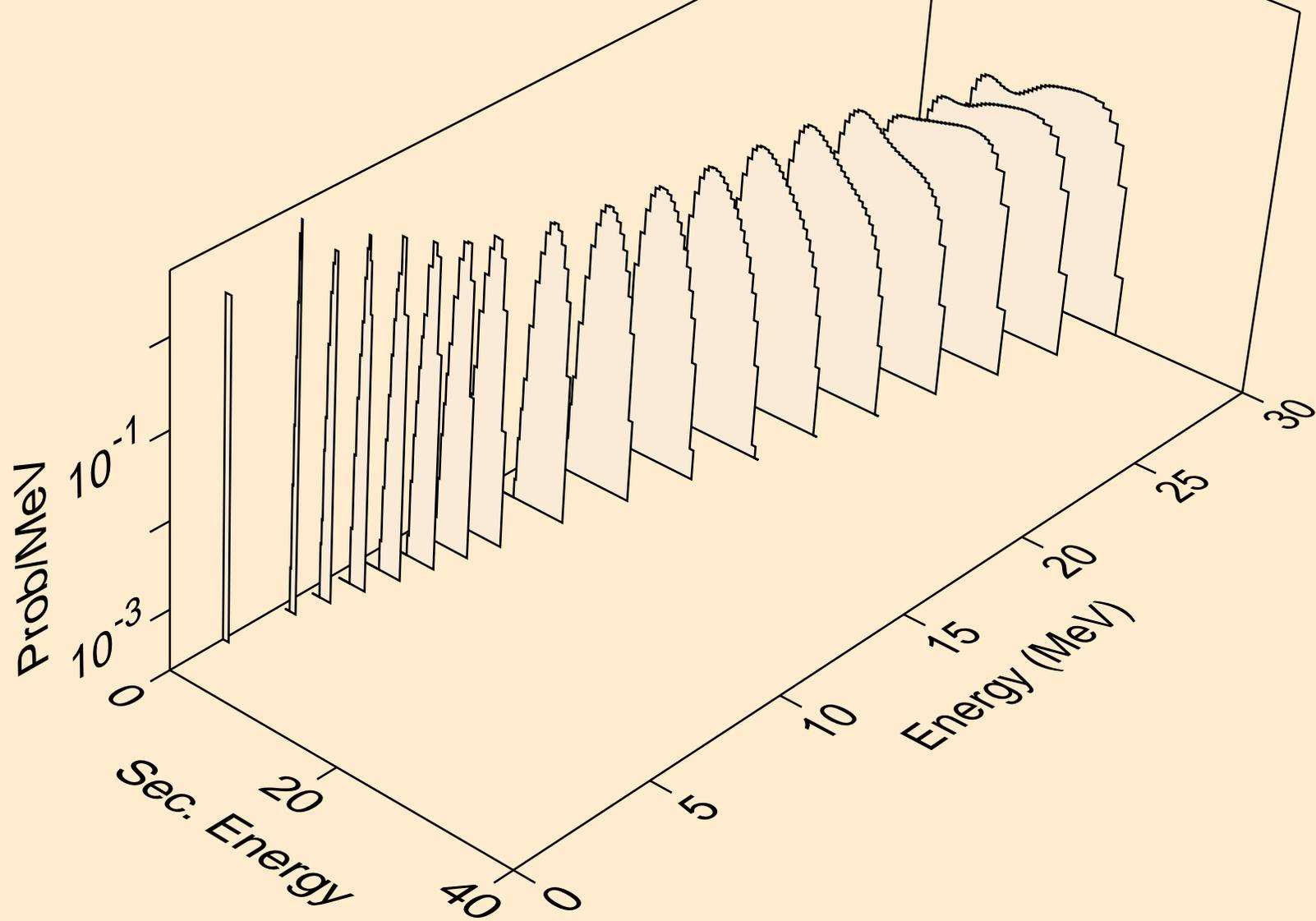
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



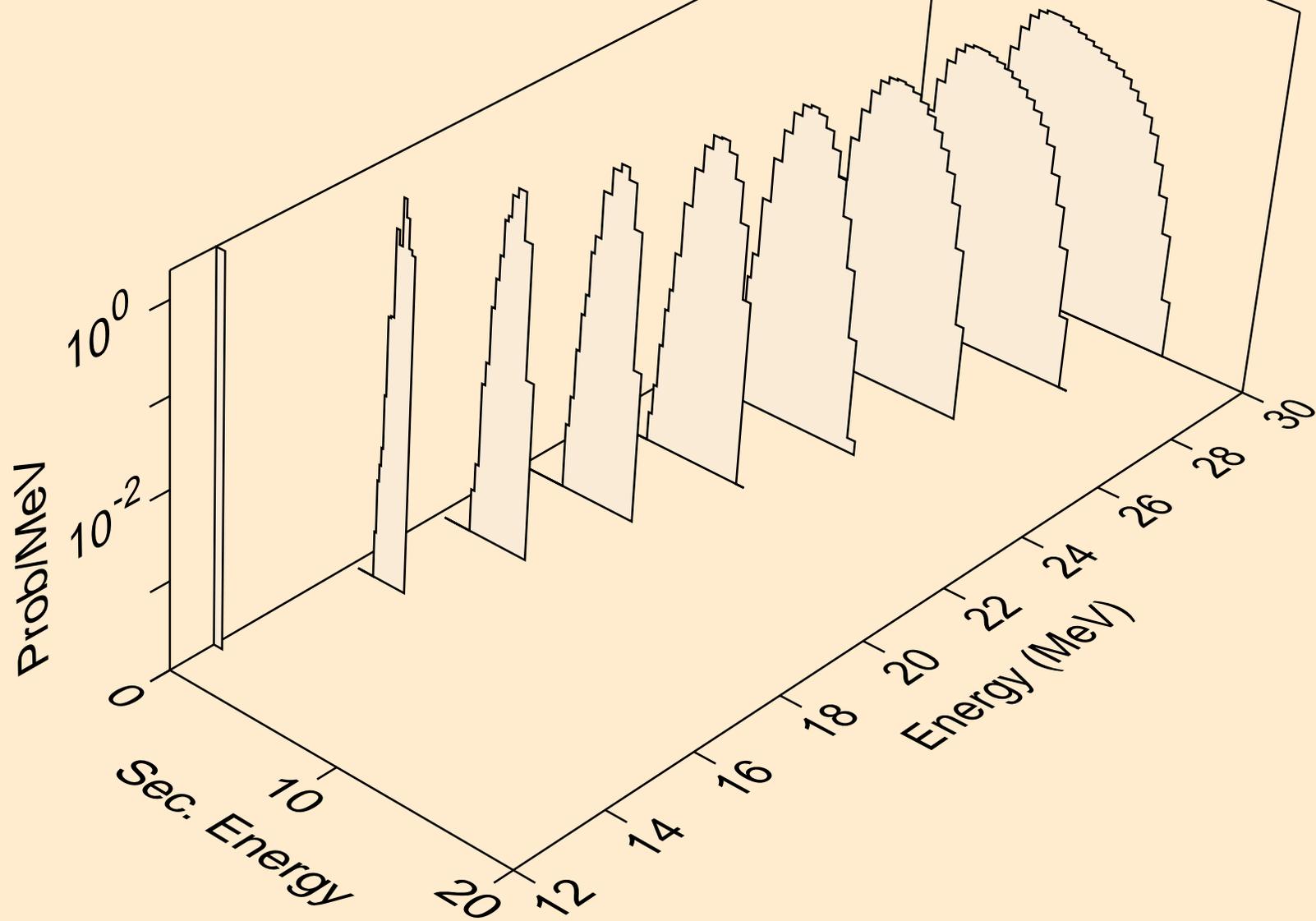
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



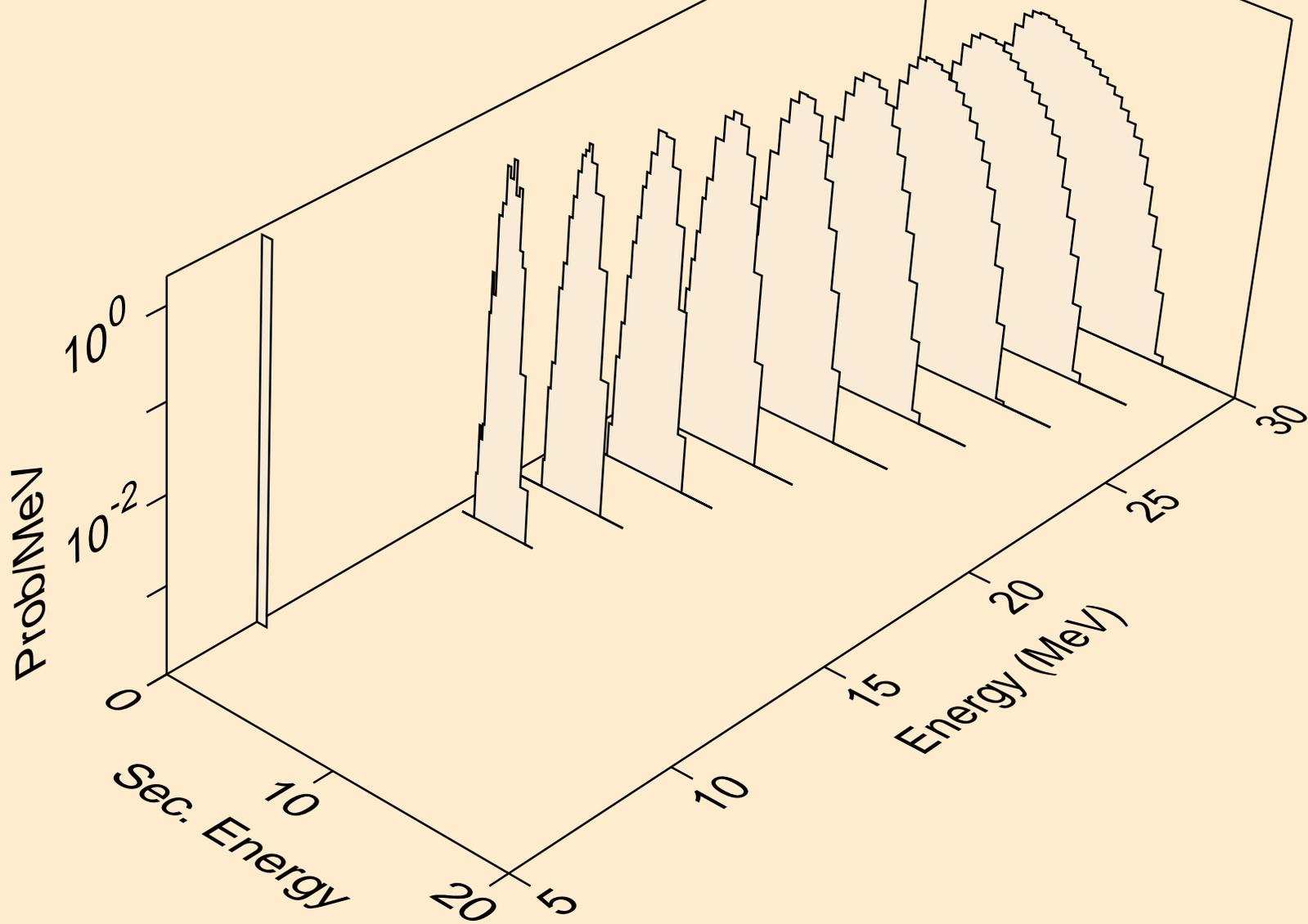
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



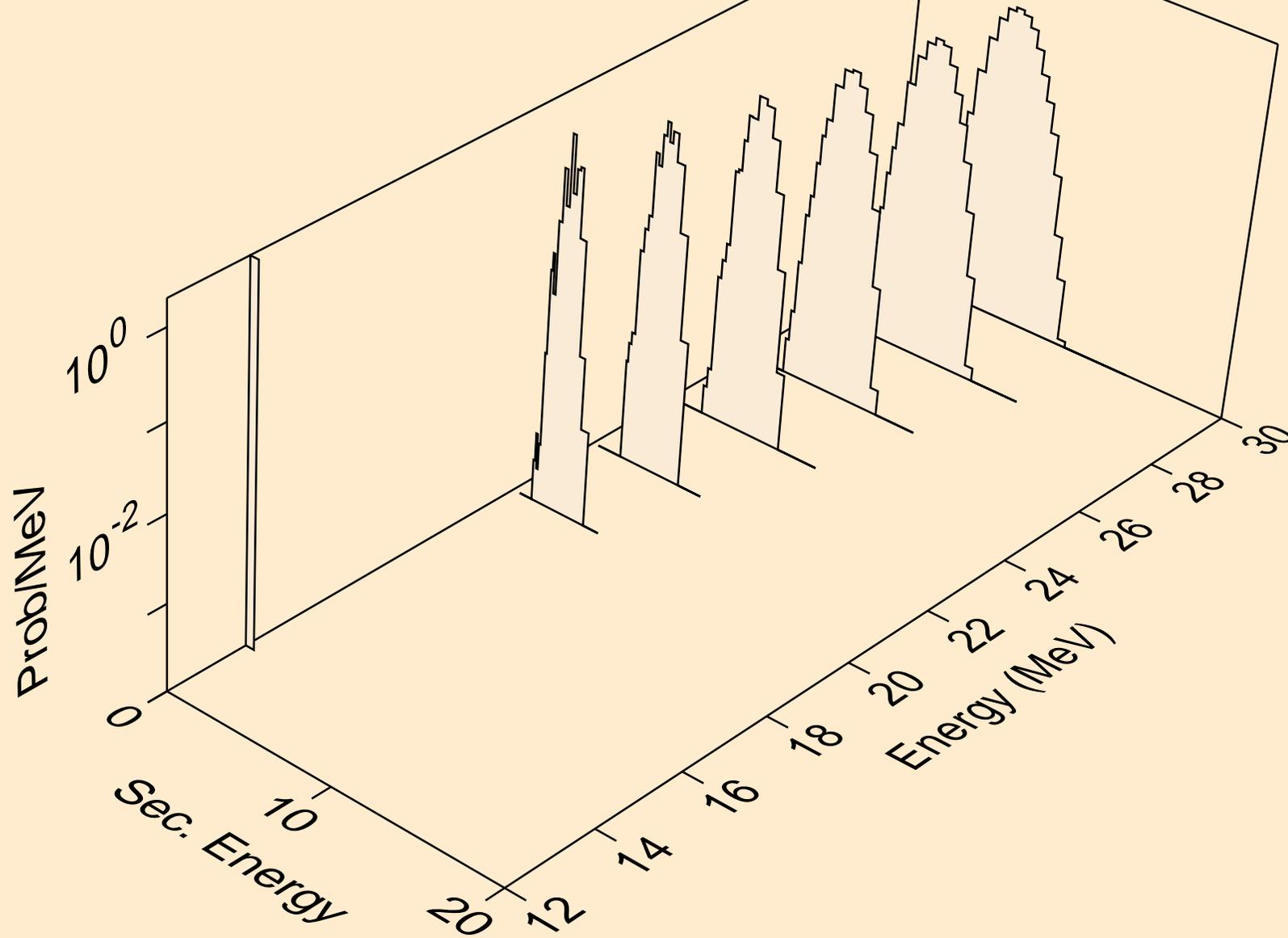
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



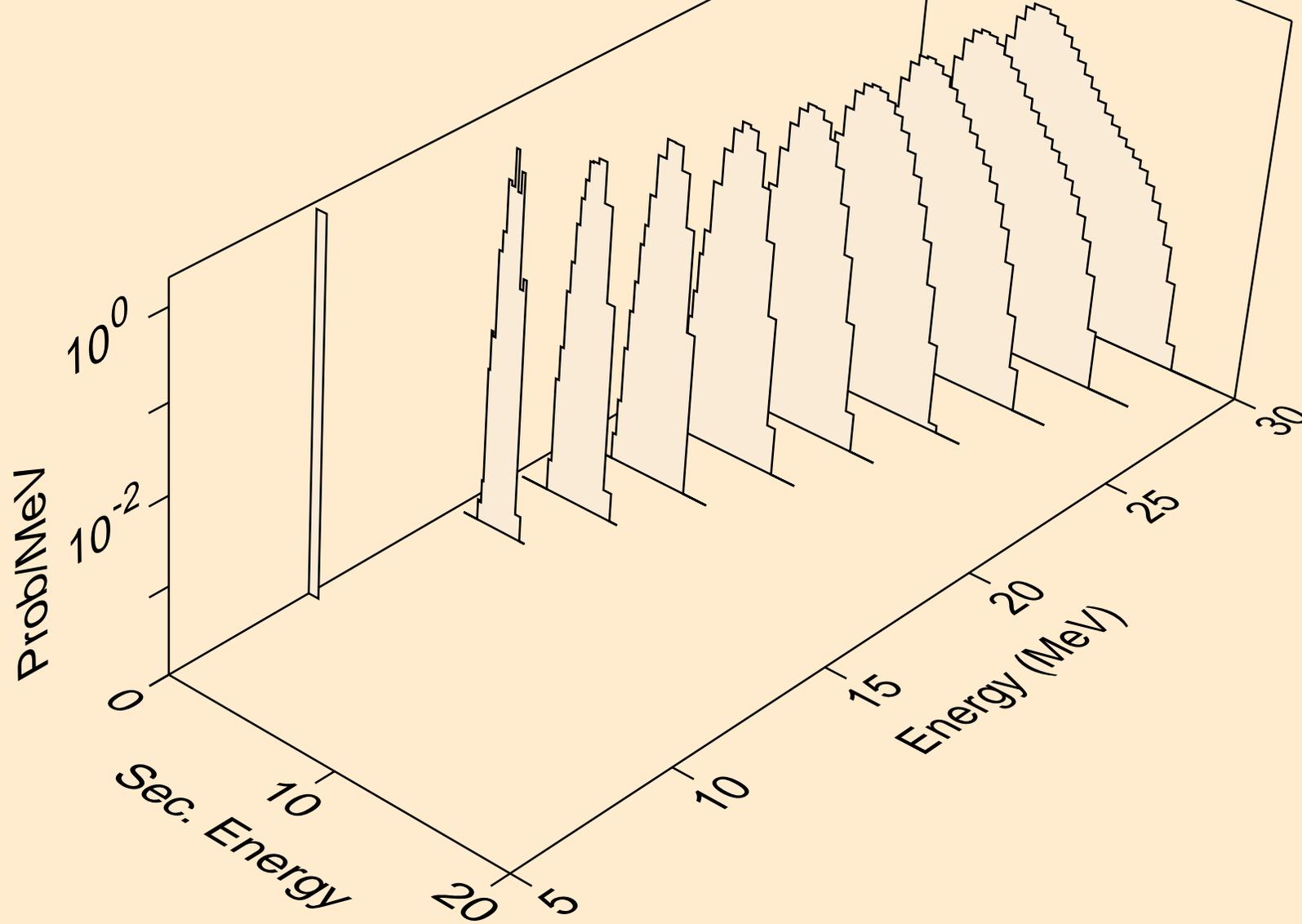
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



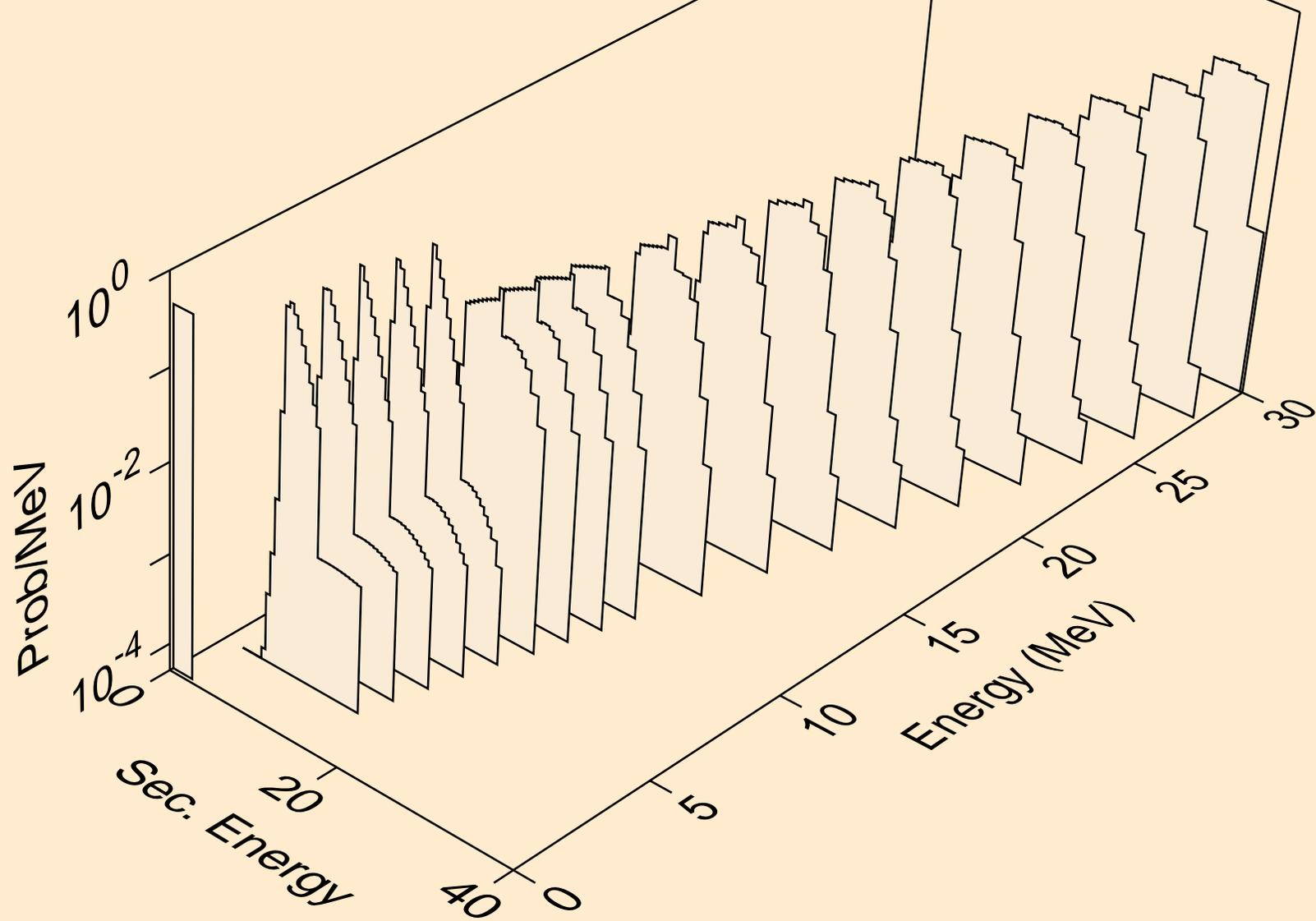
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)2a



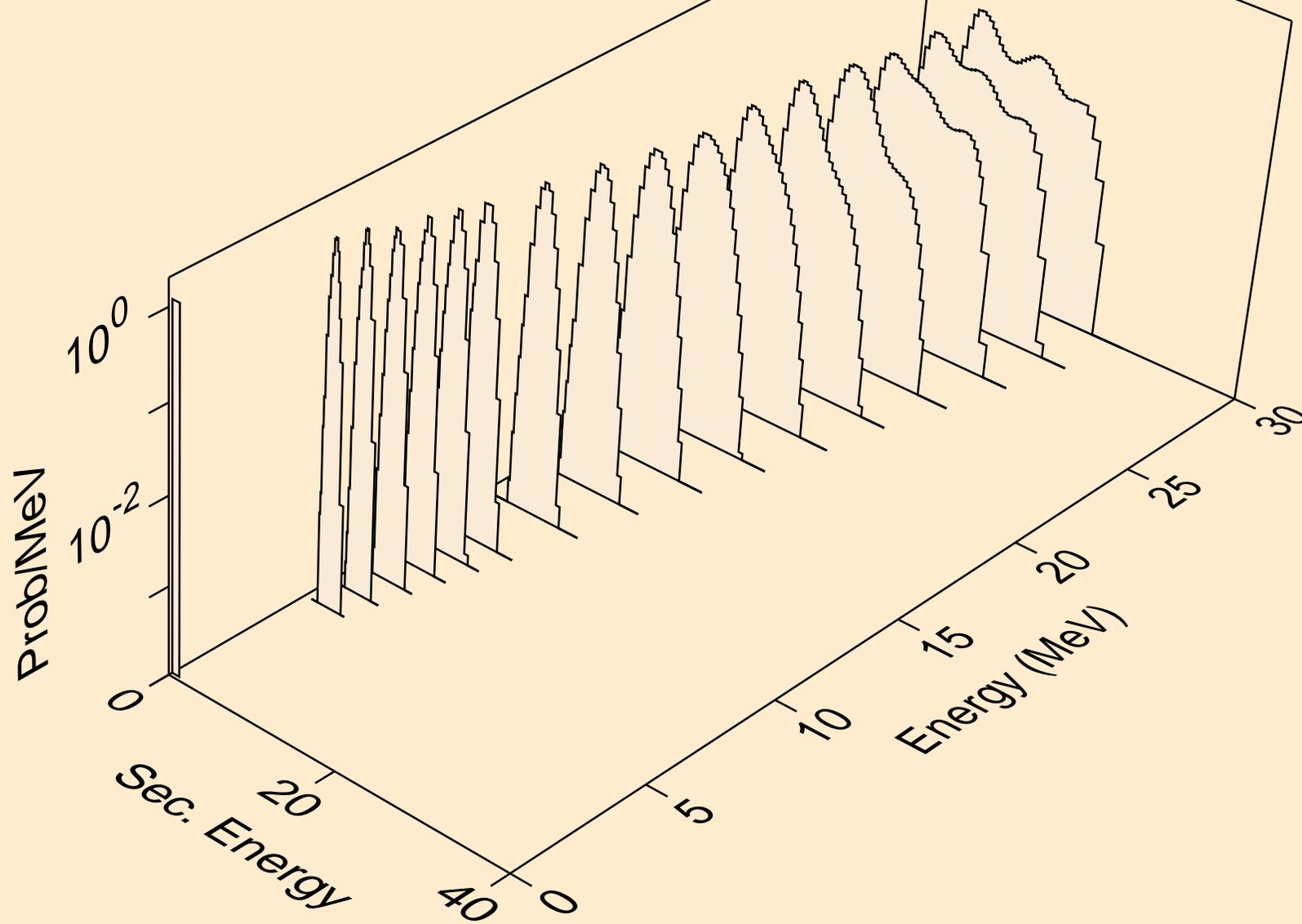
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



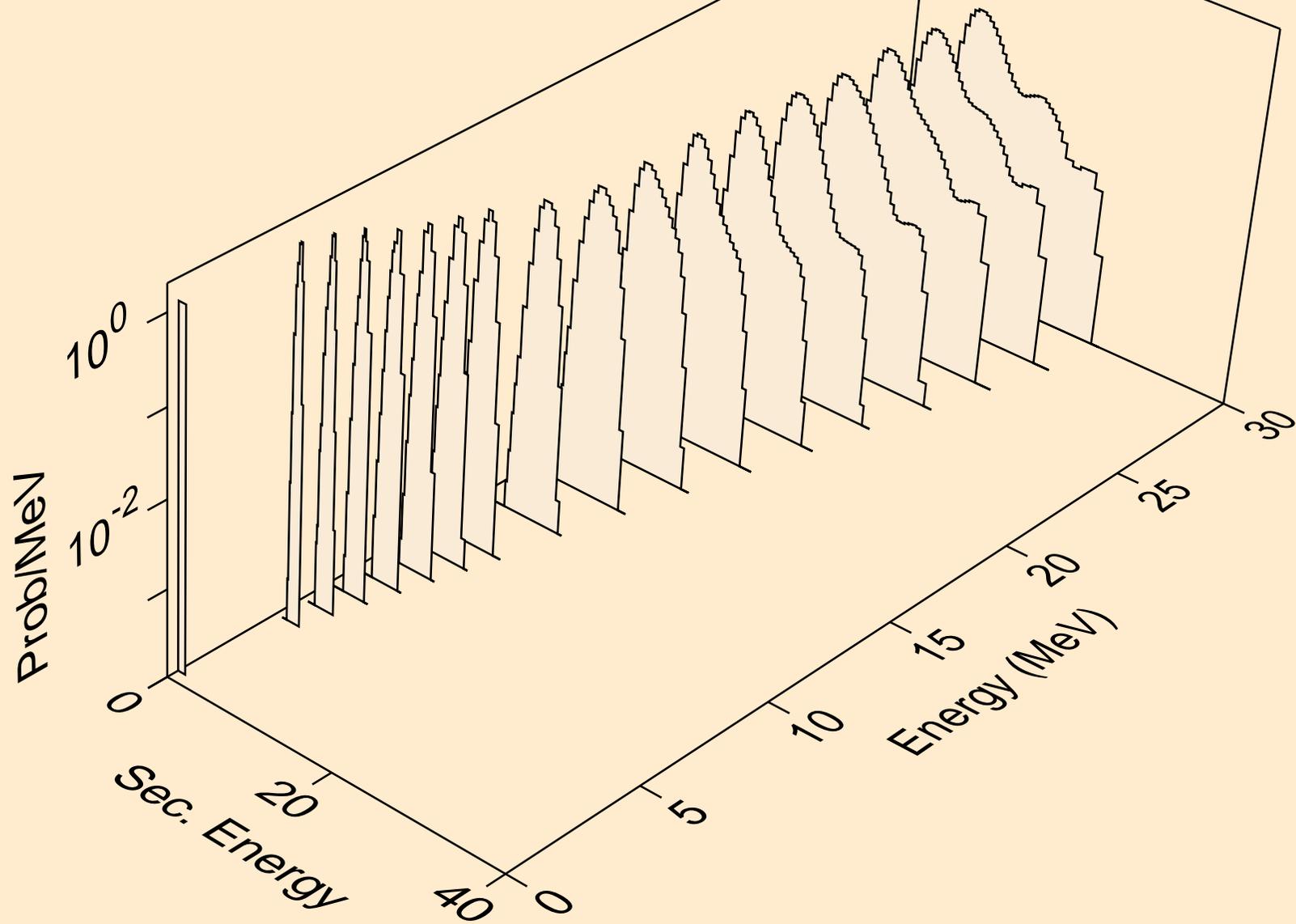
CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



CA049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

