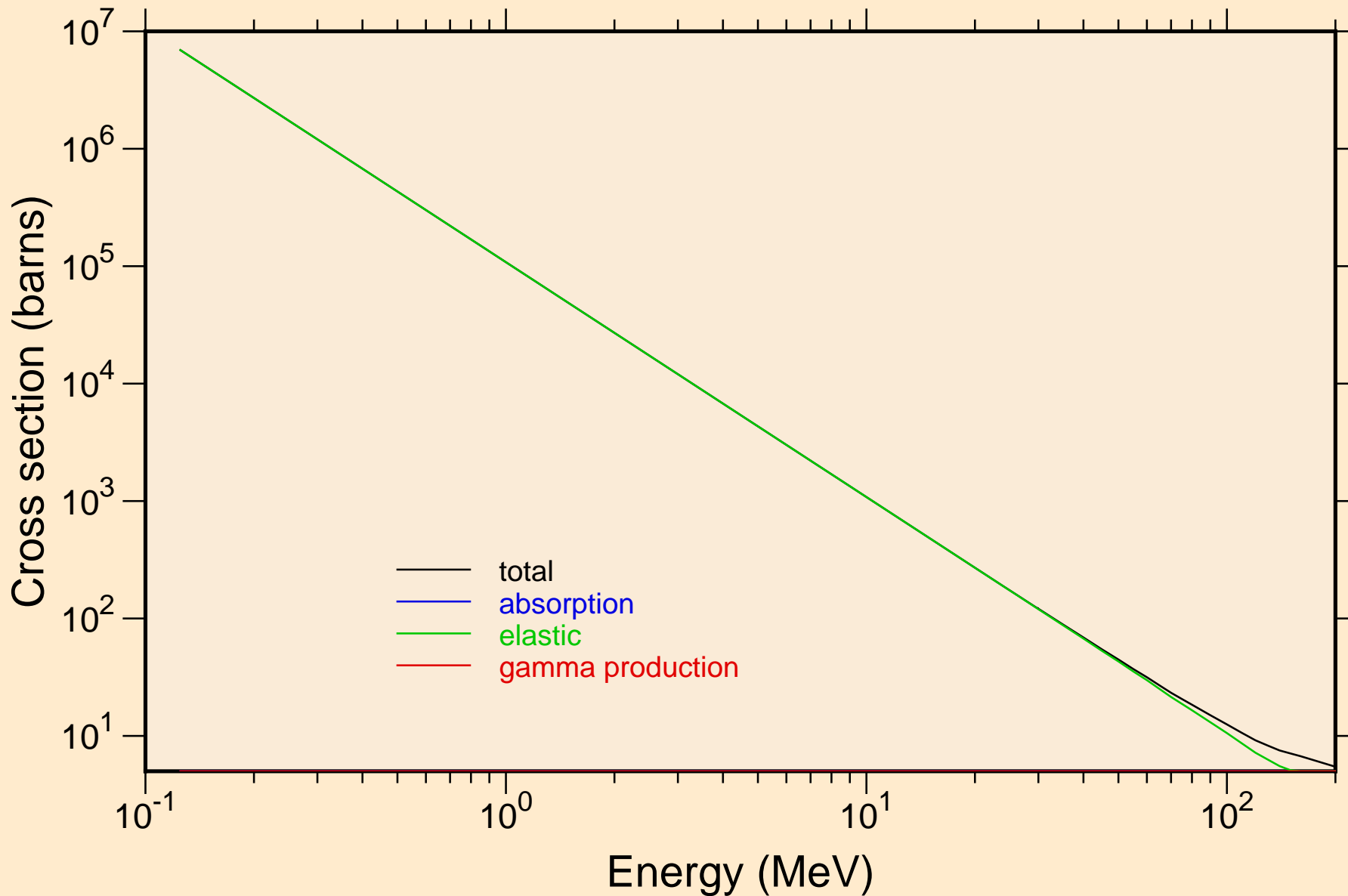
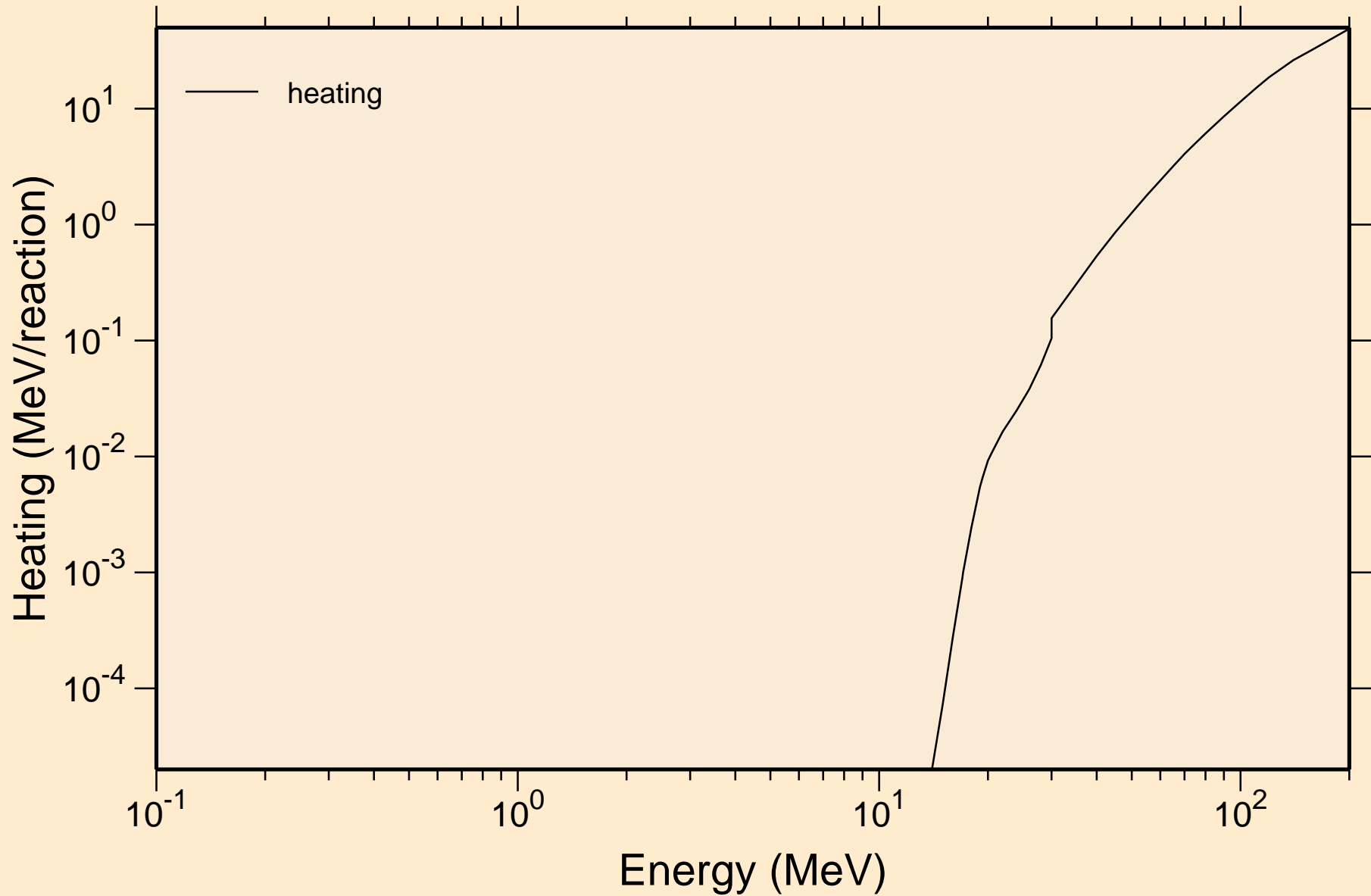


TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



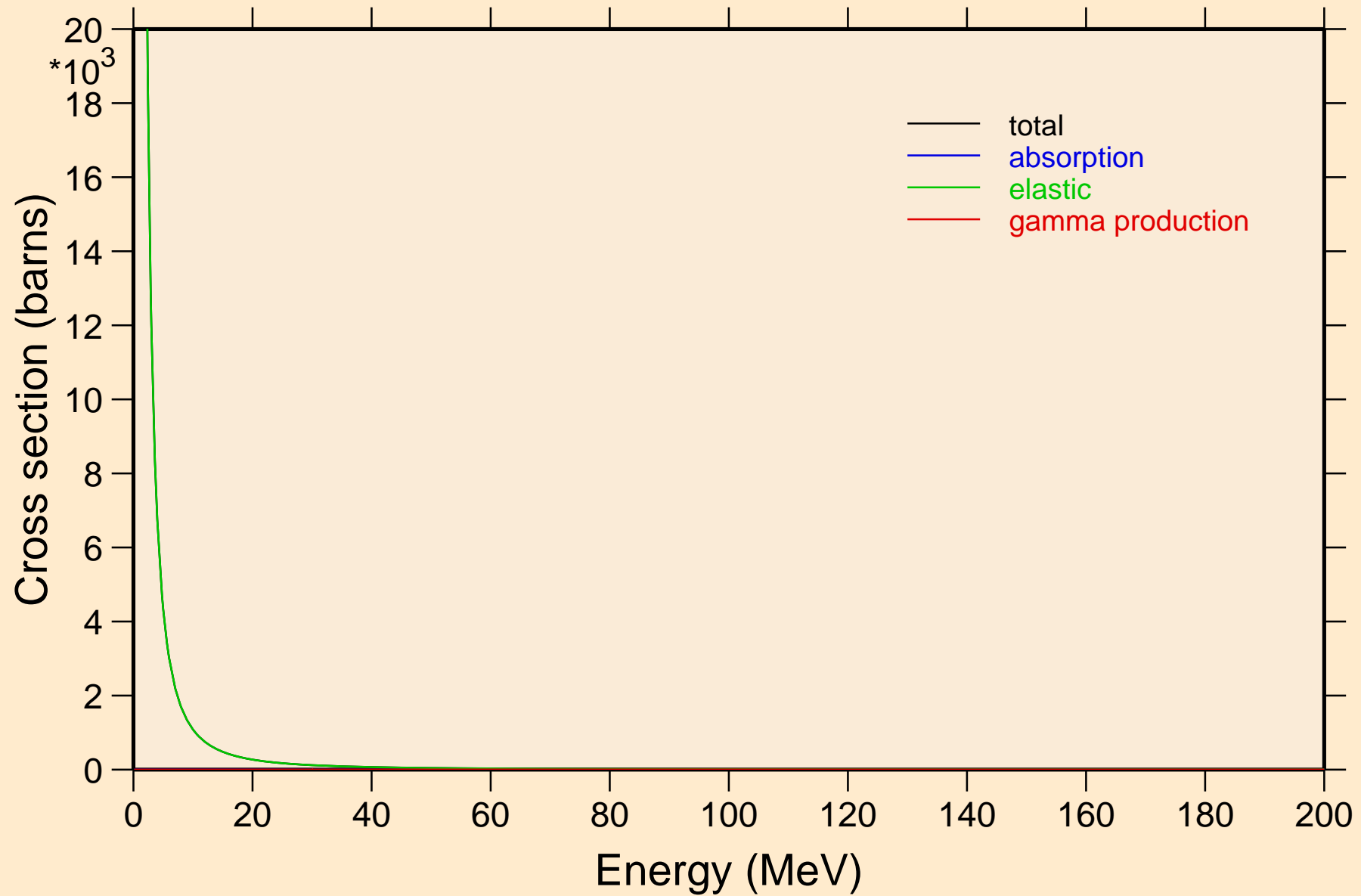
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



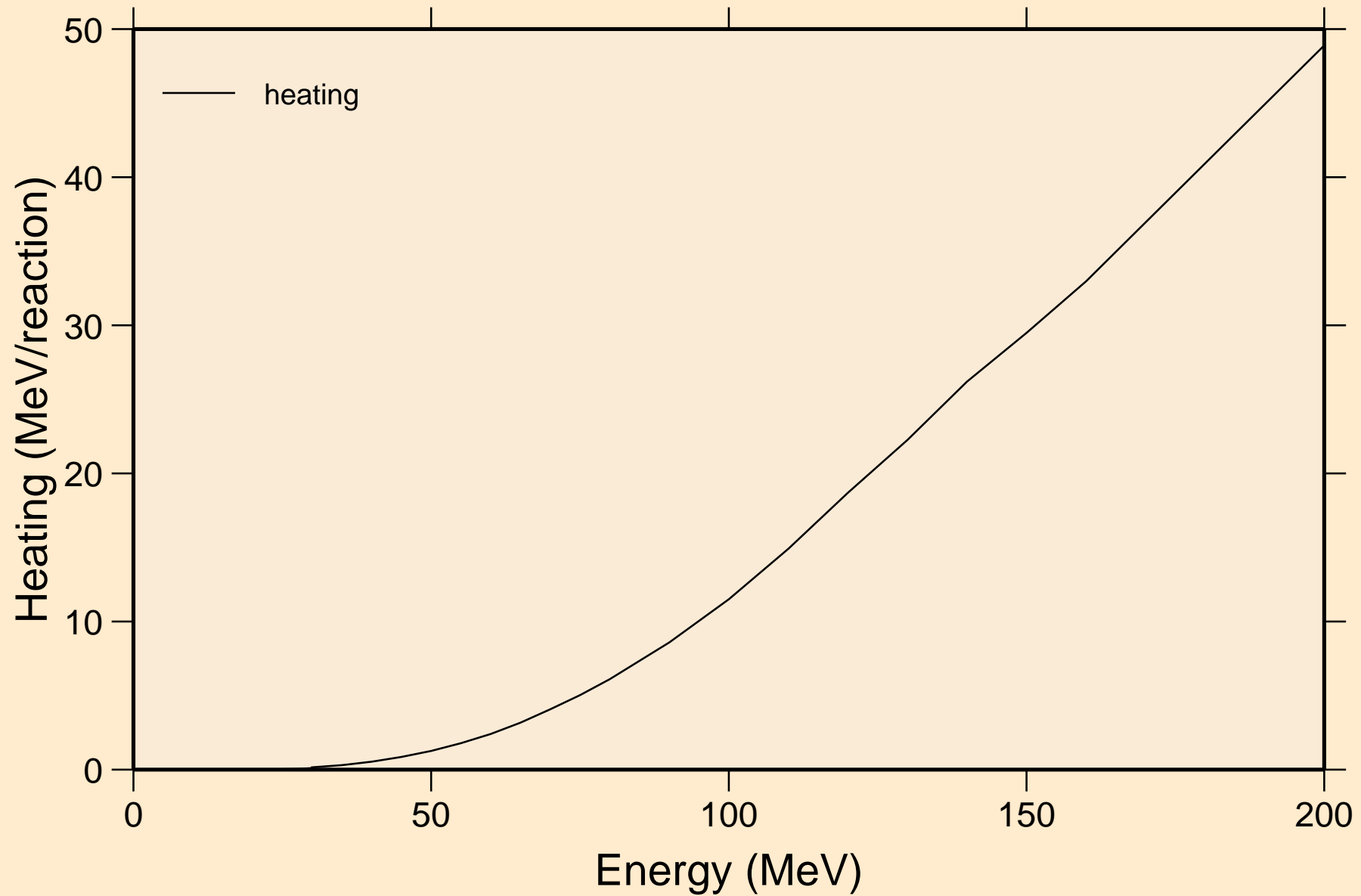
# TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

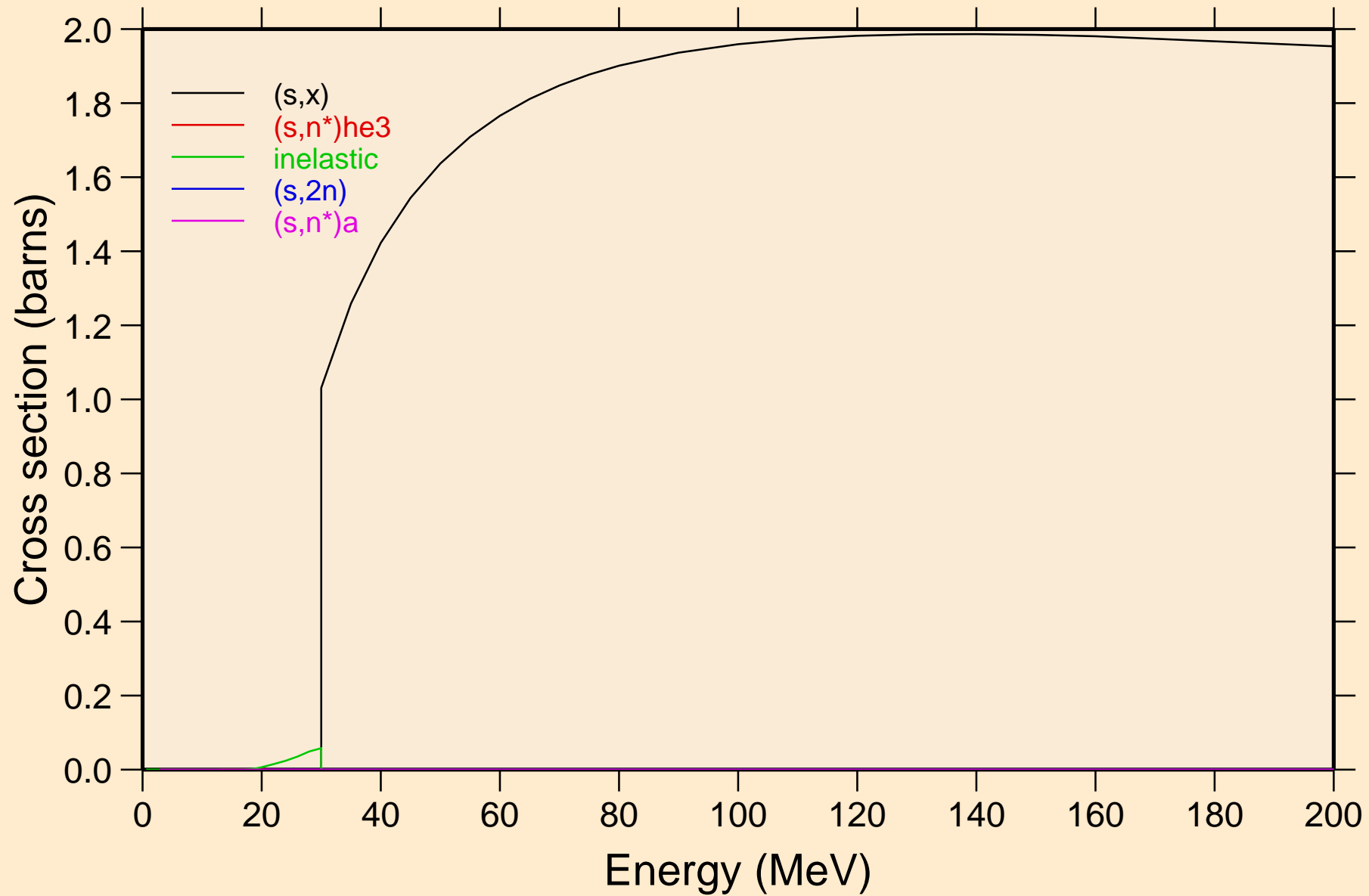


TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K

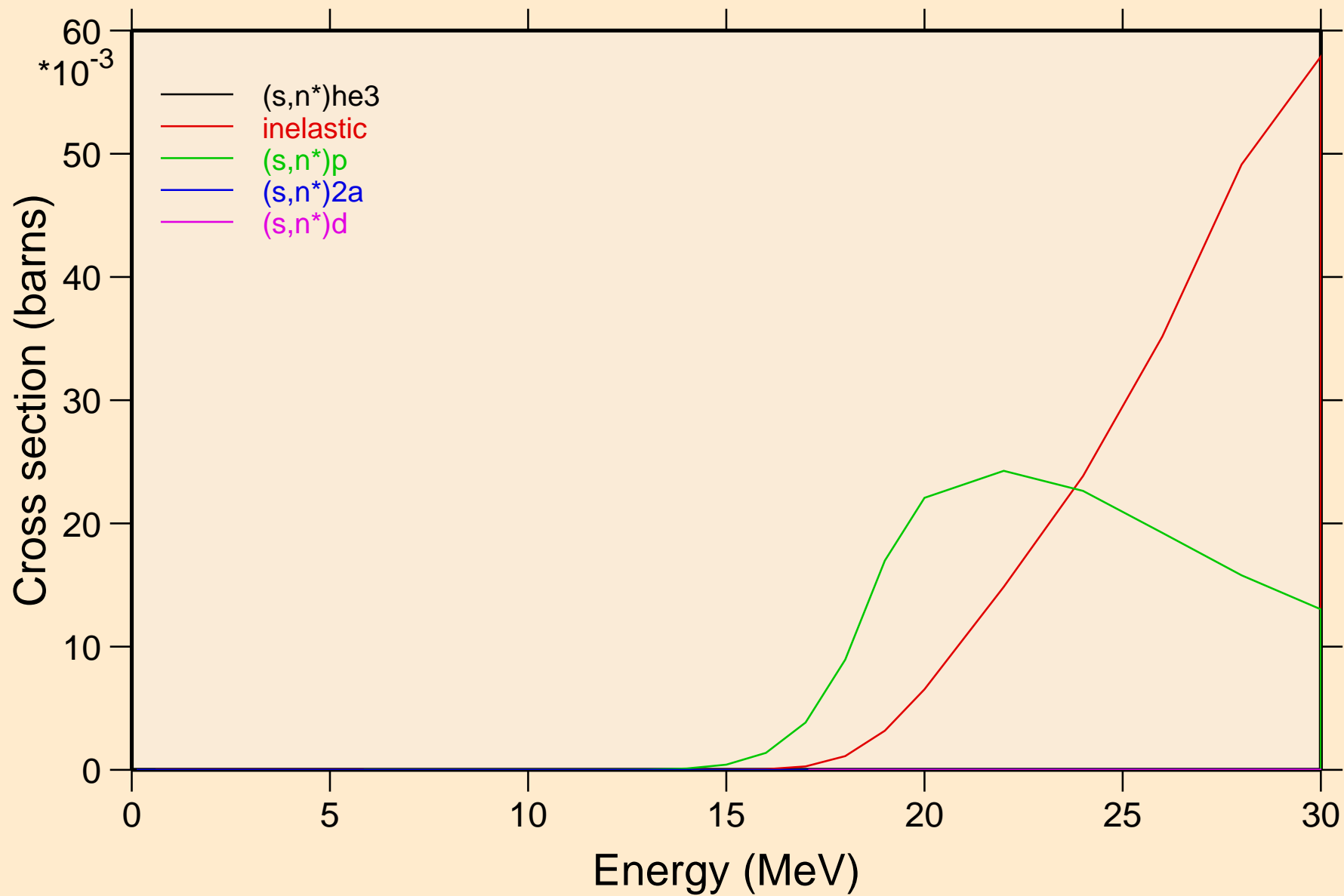
Heating



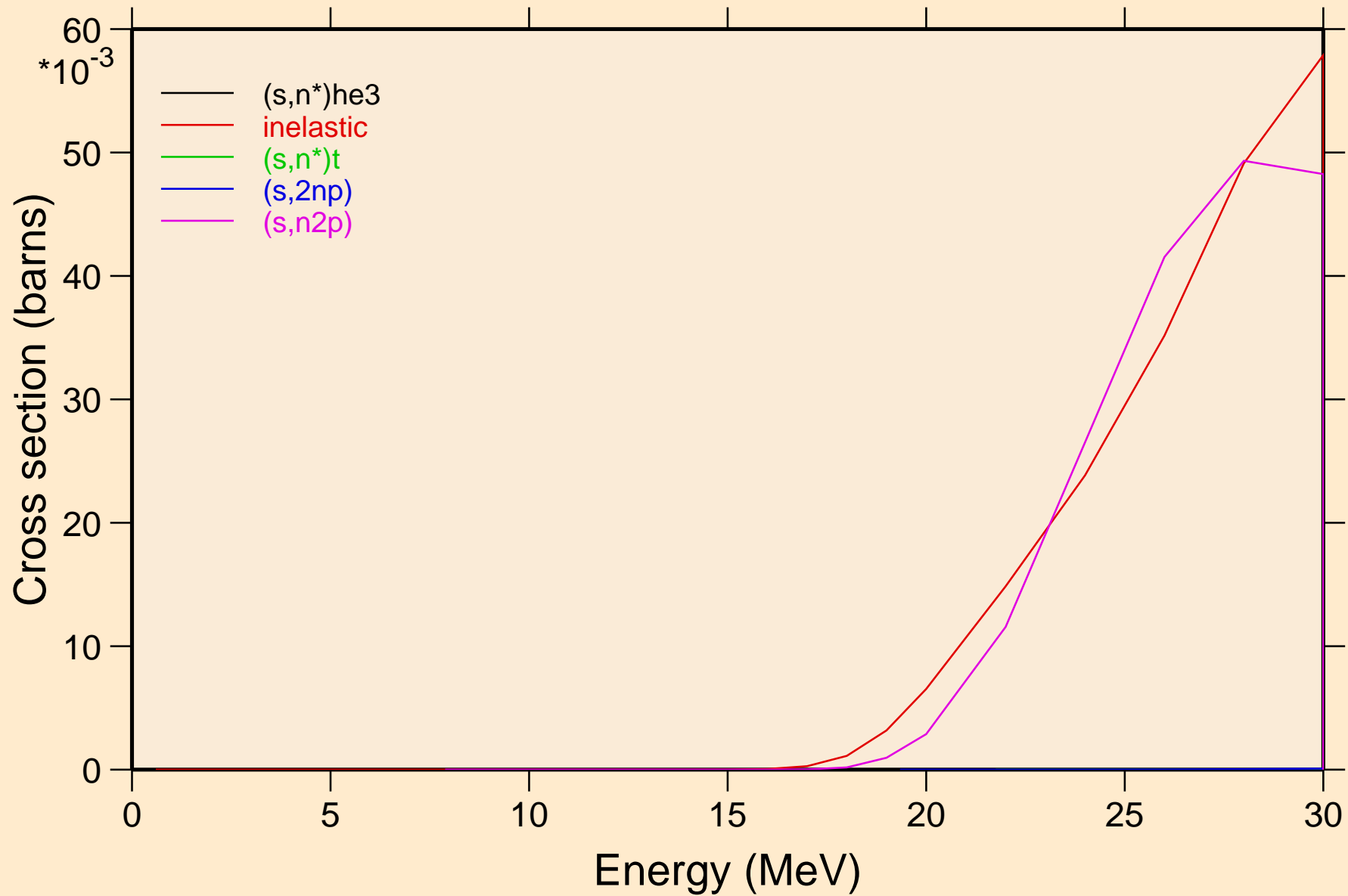
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



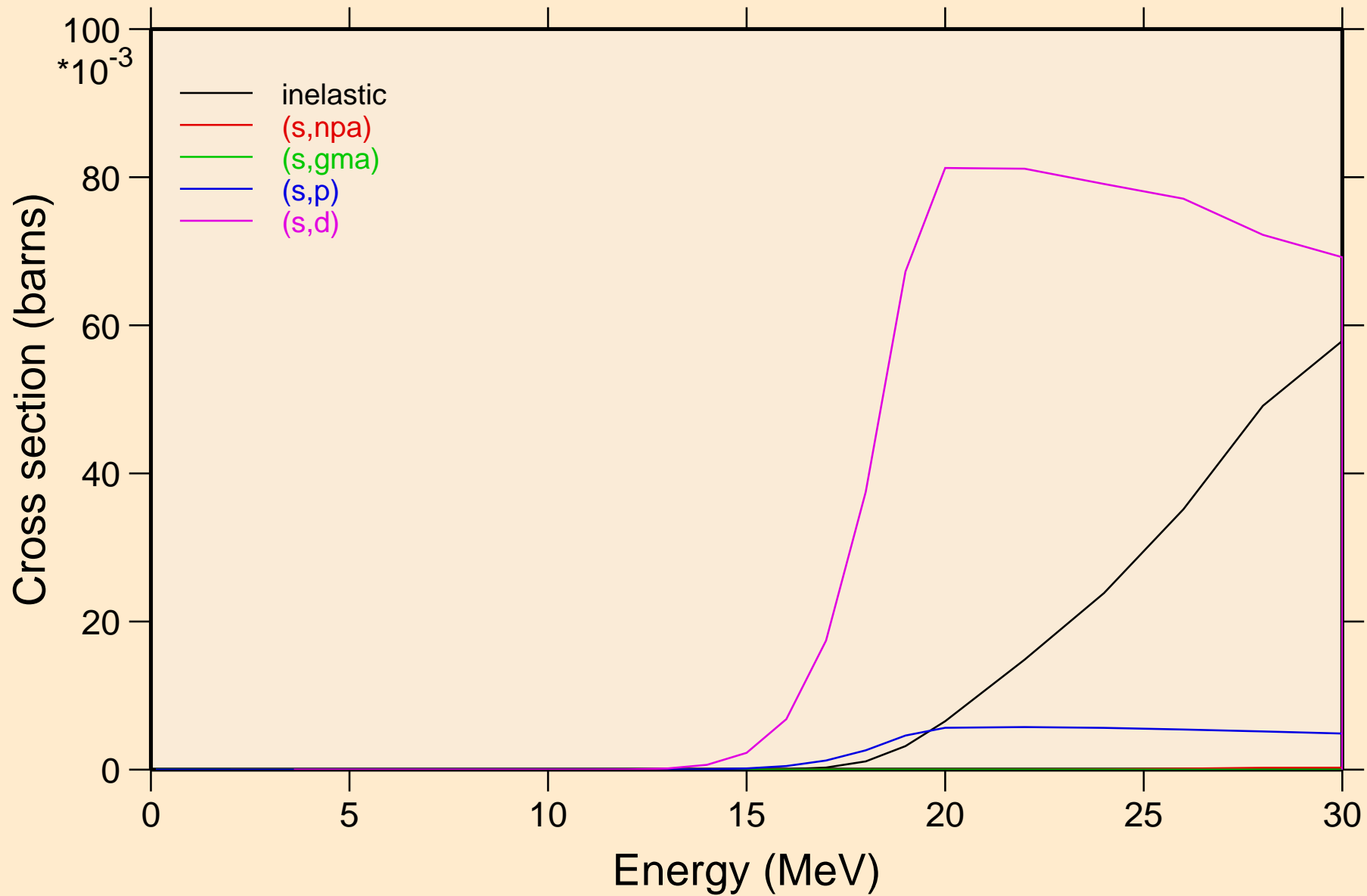
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



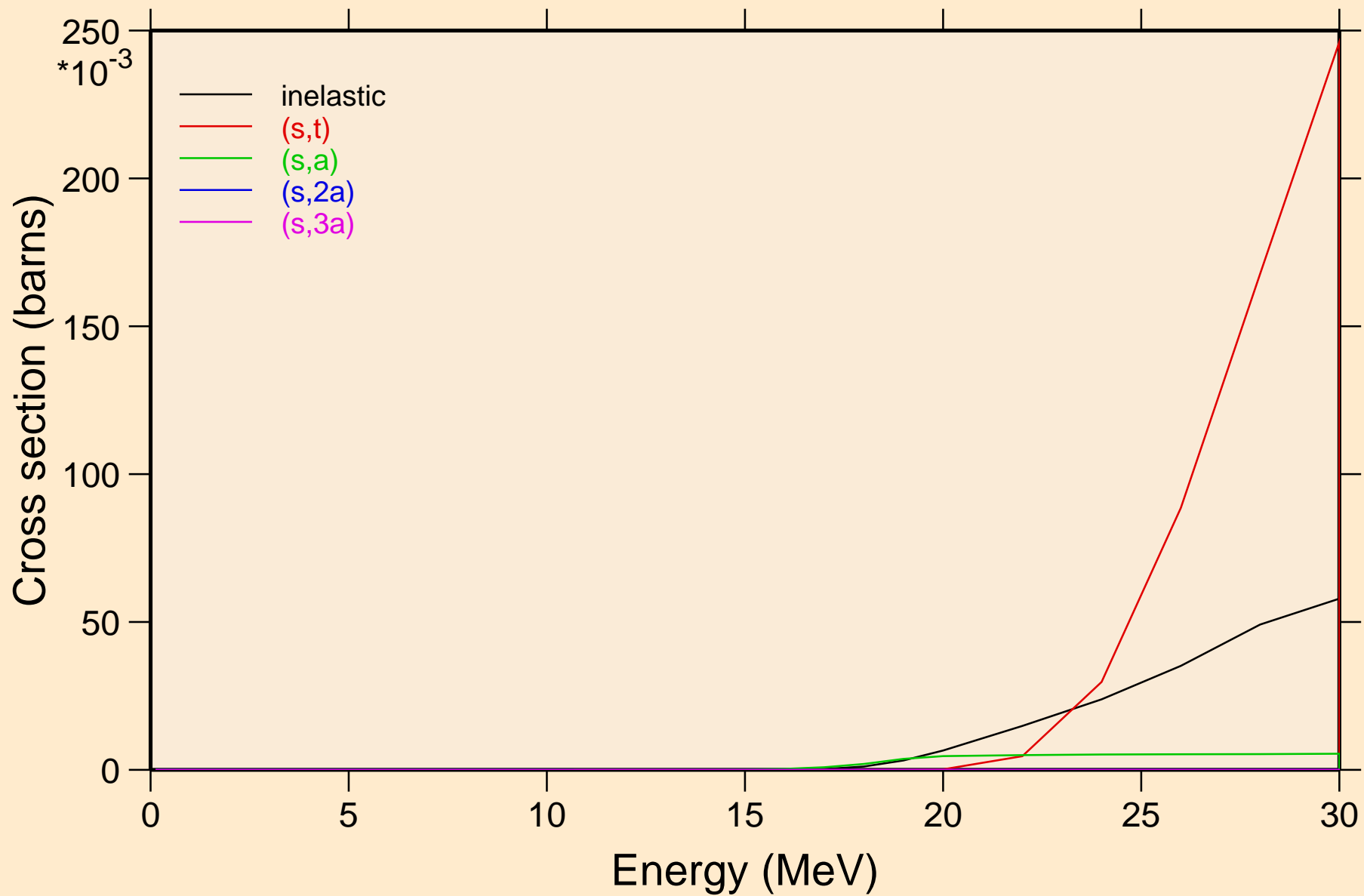
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



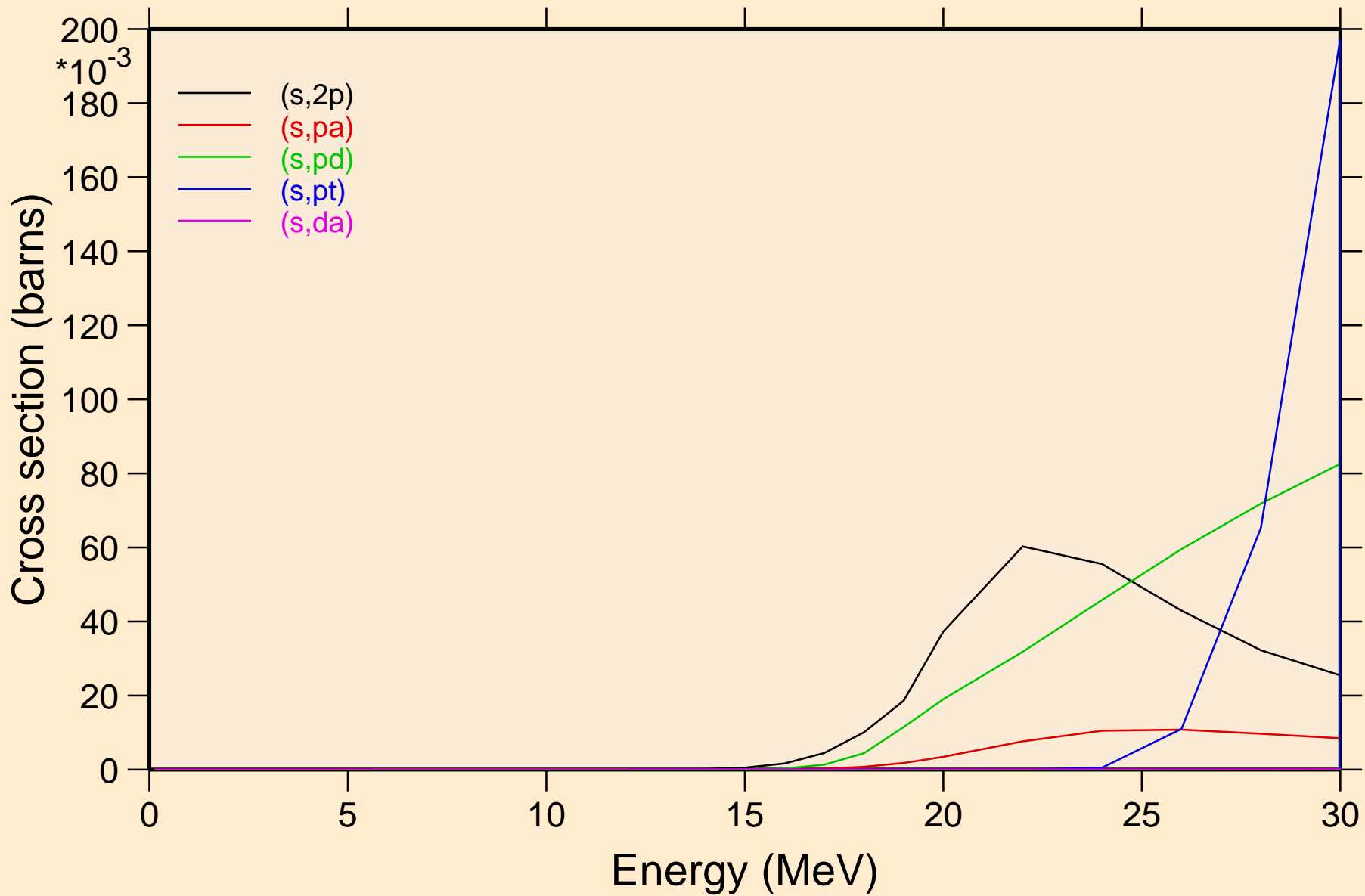
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



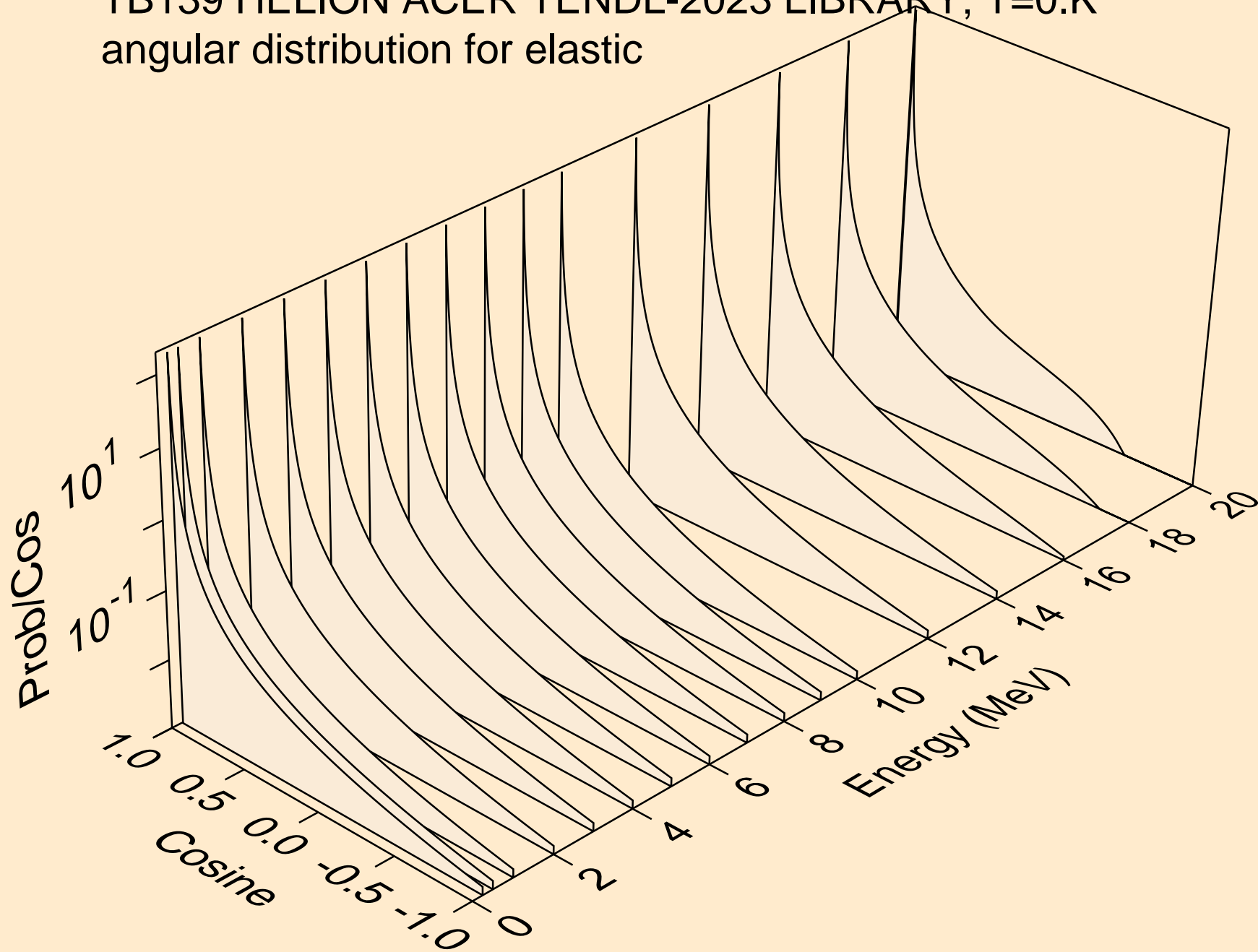
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



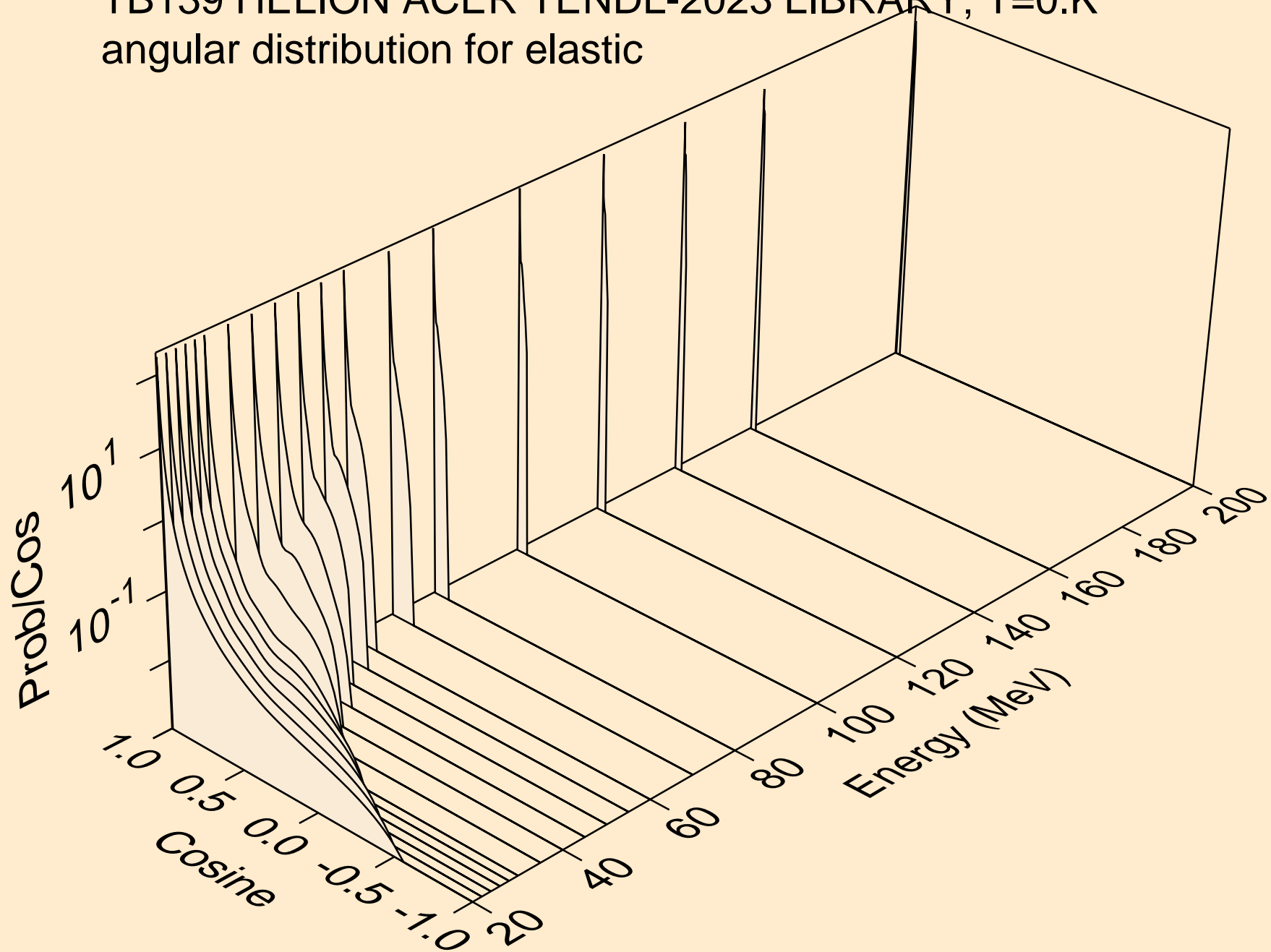
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



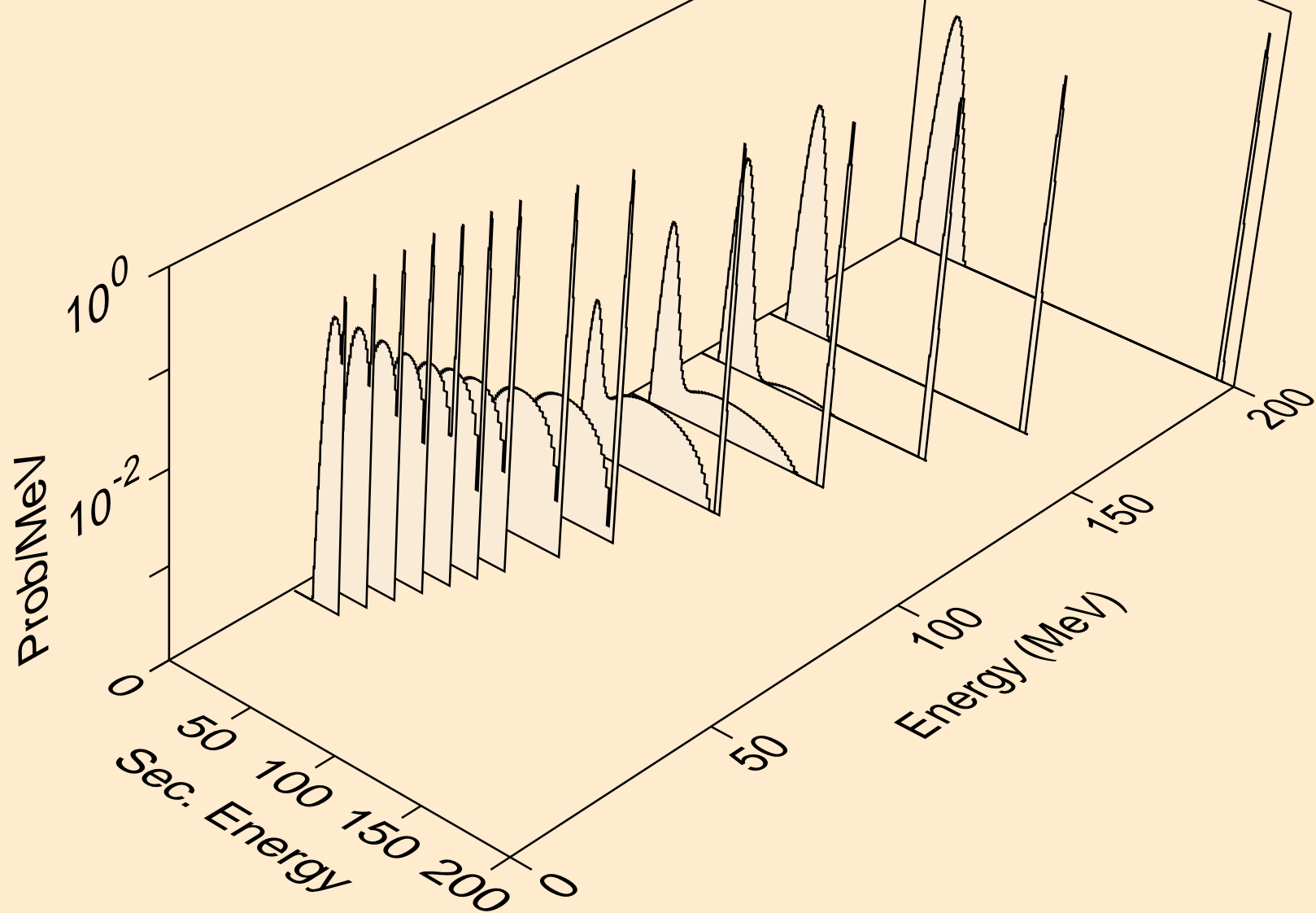
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



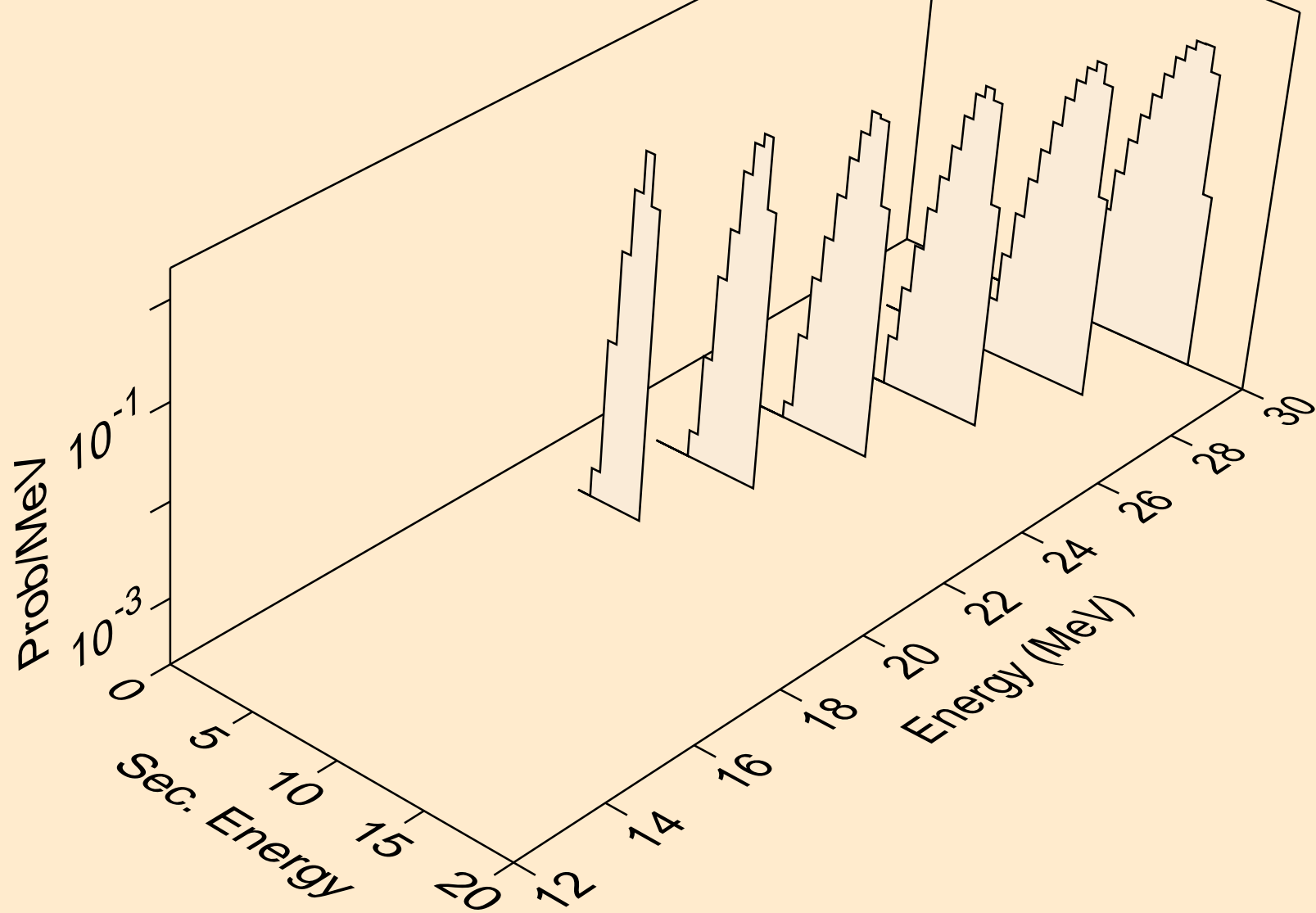
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



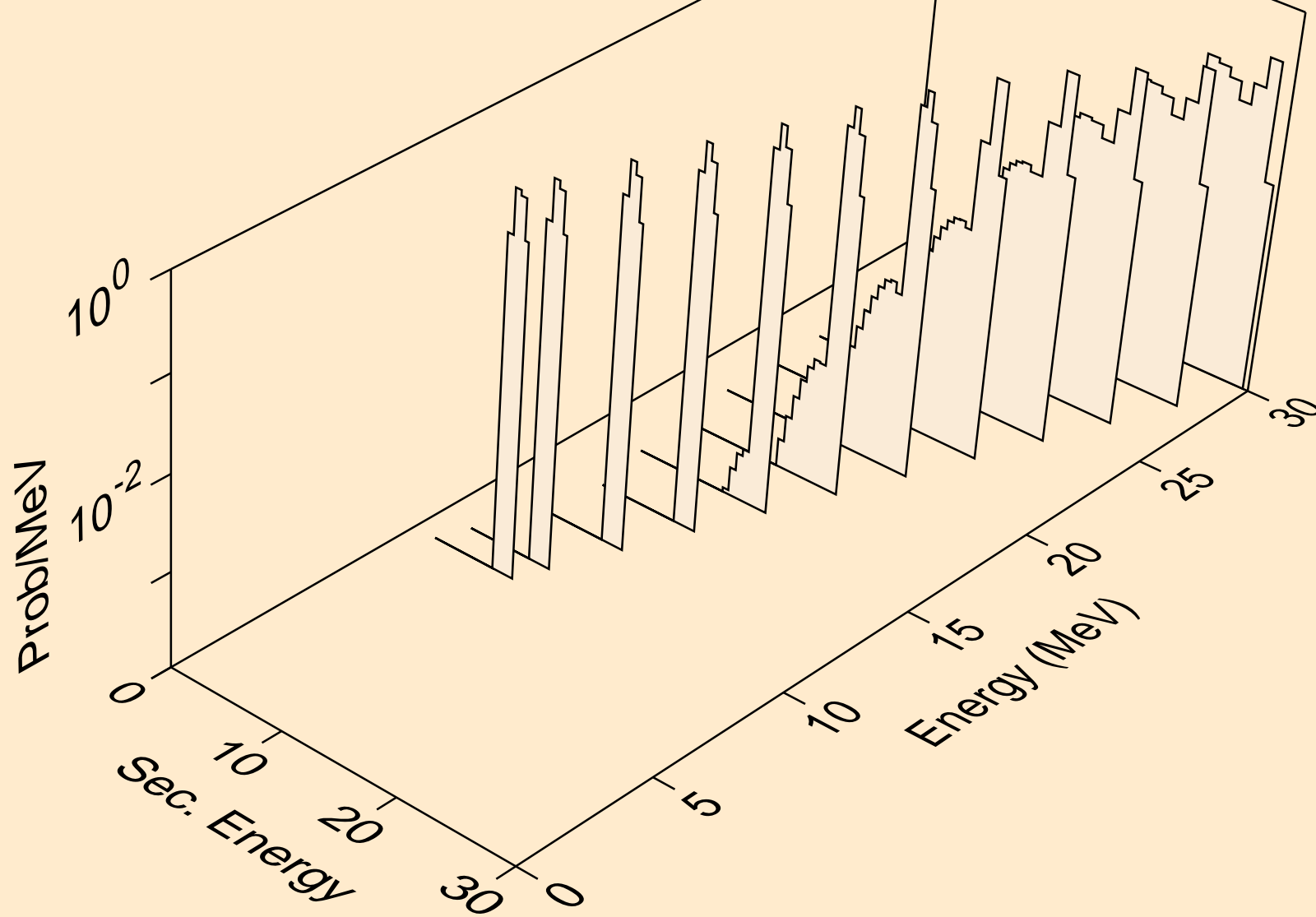
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



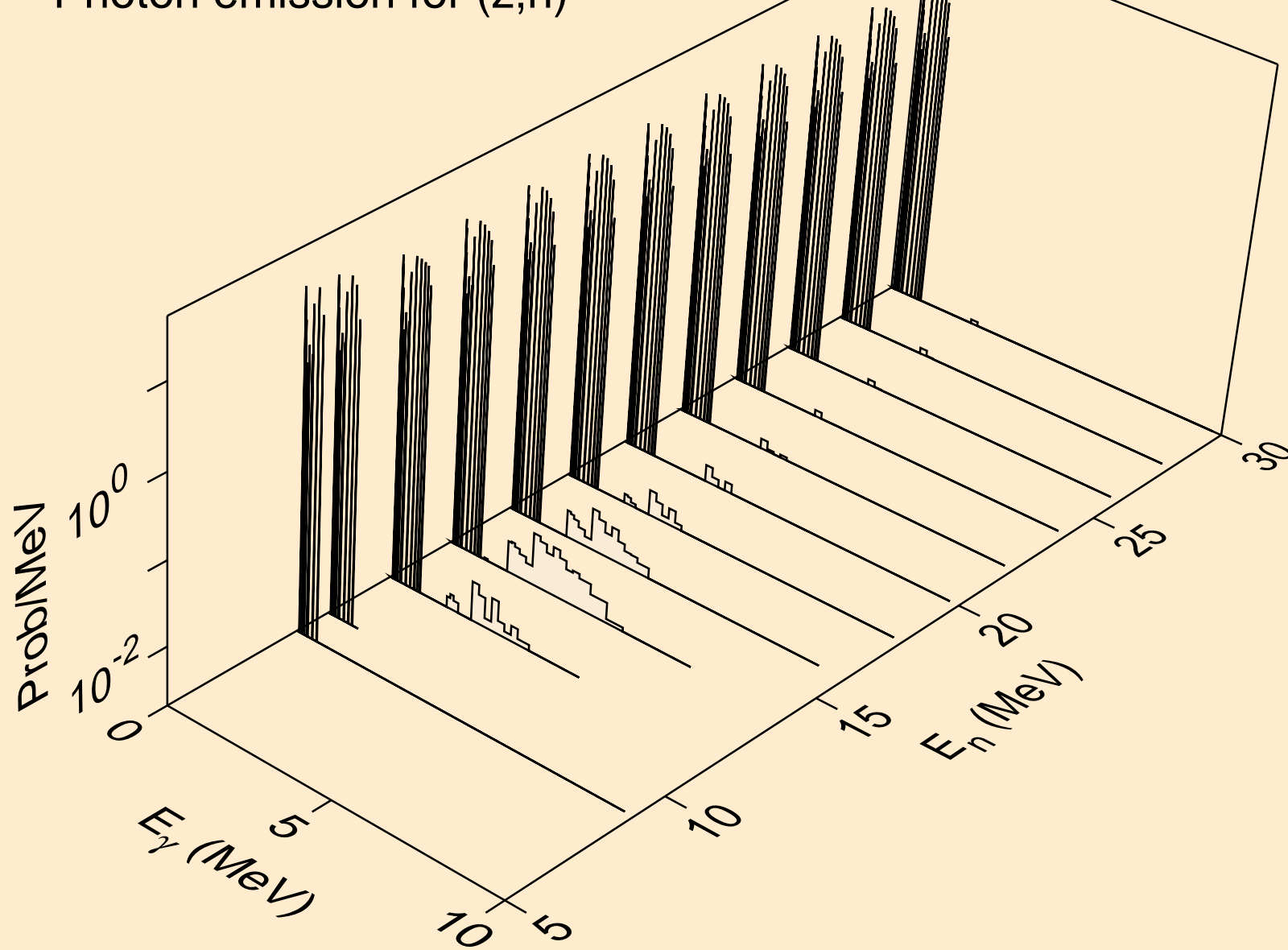
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



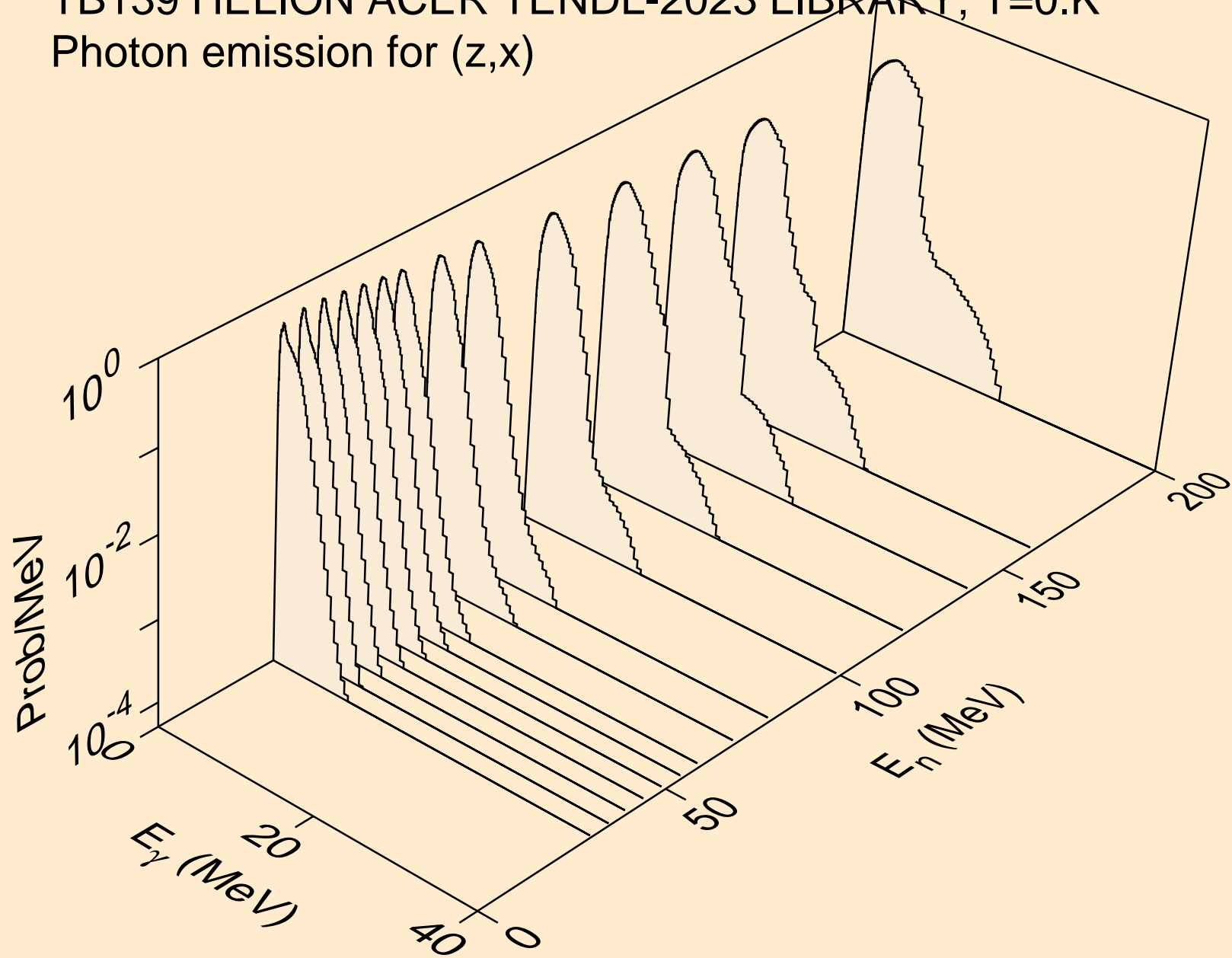
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



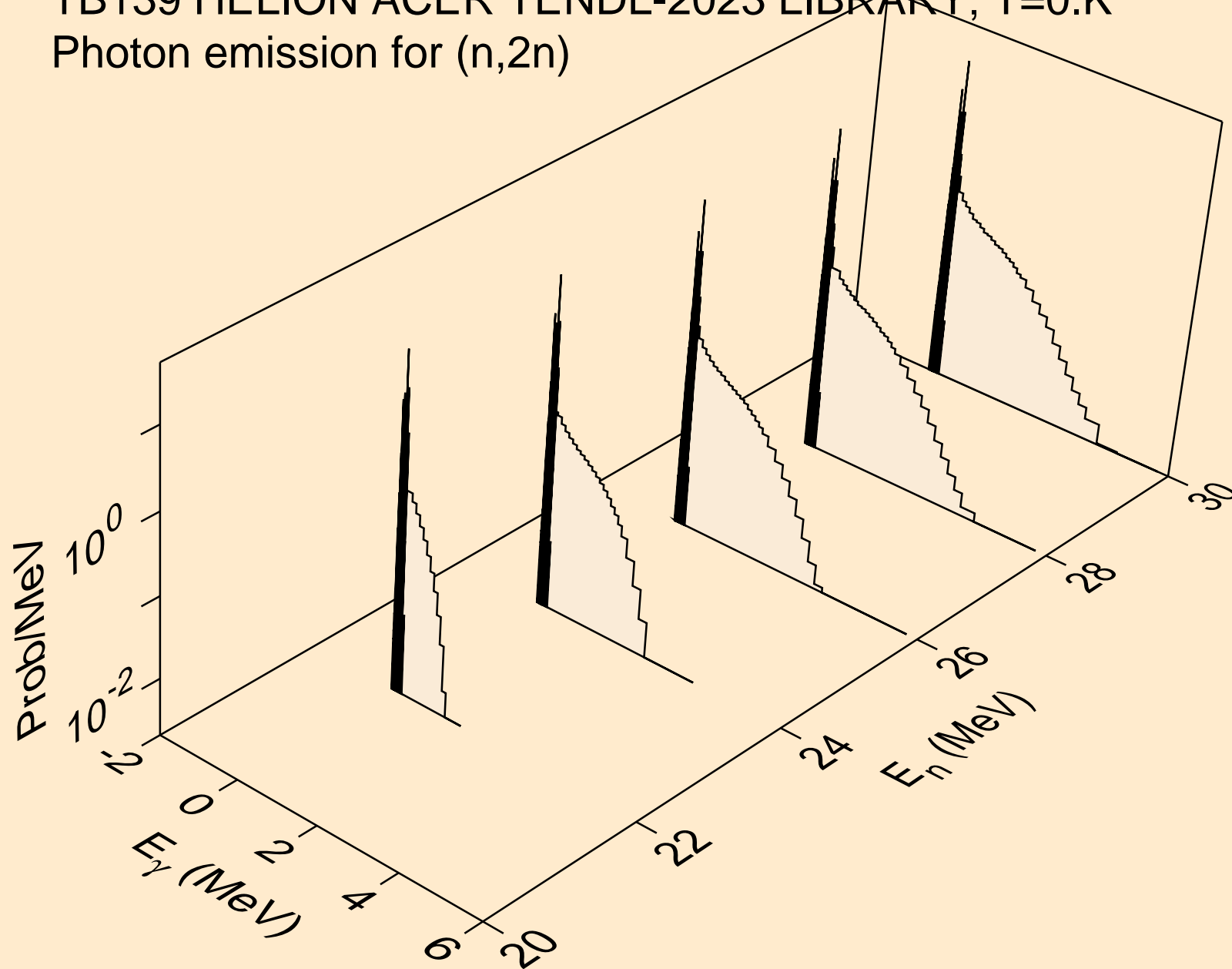
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



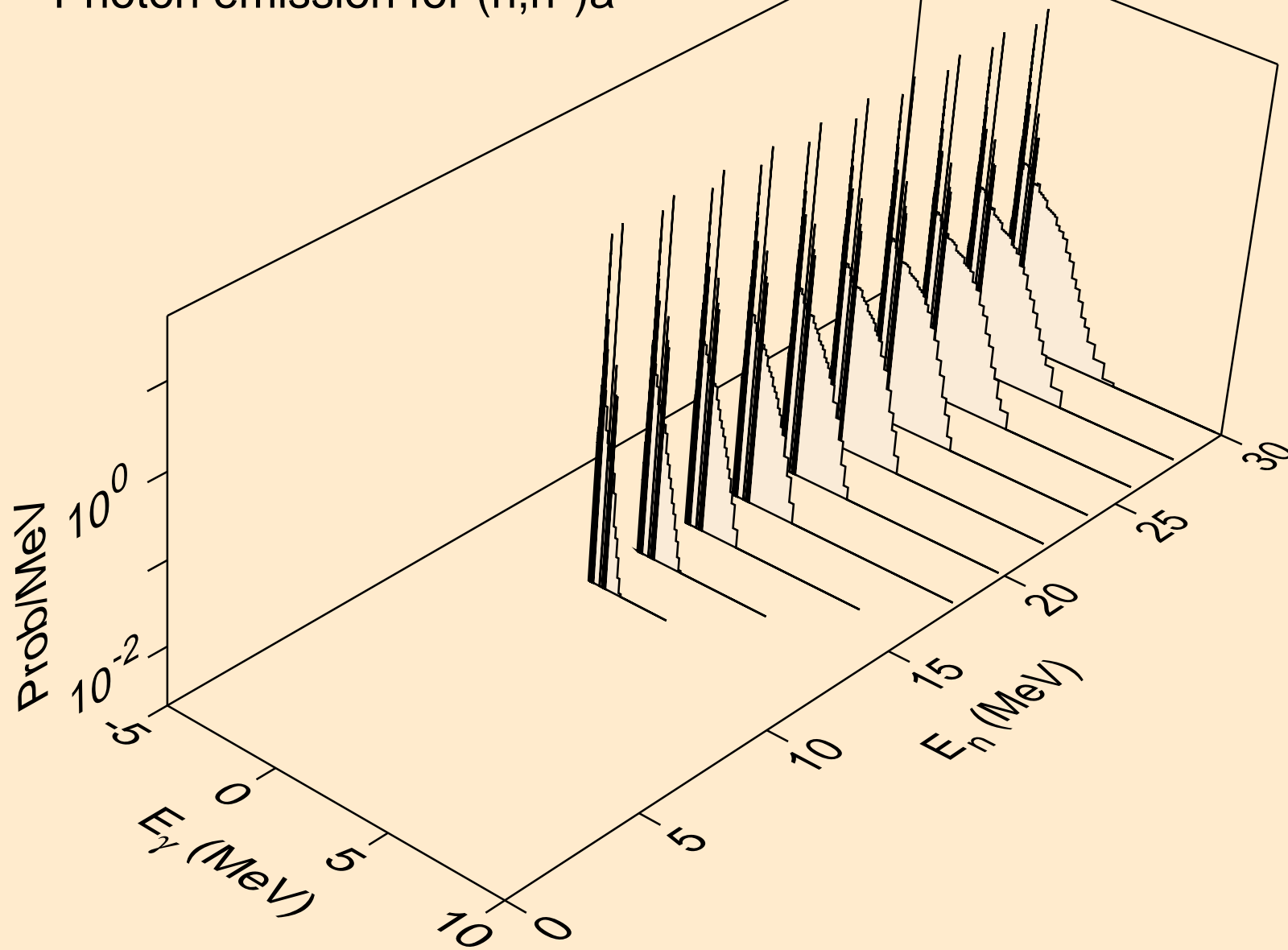
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



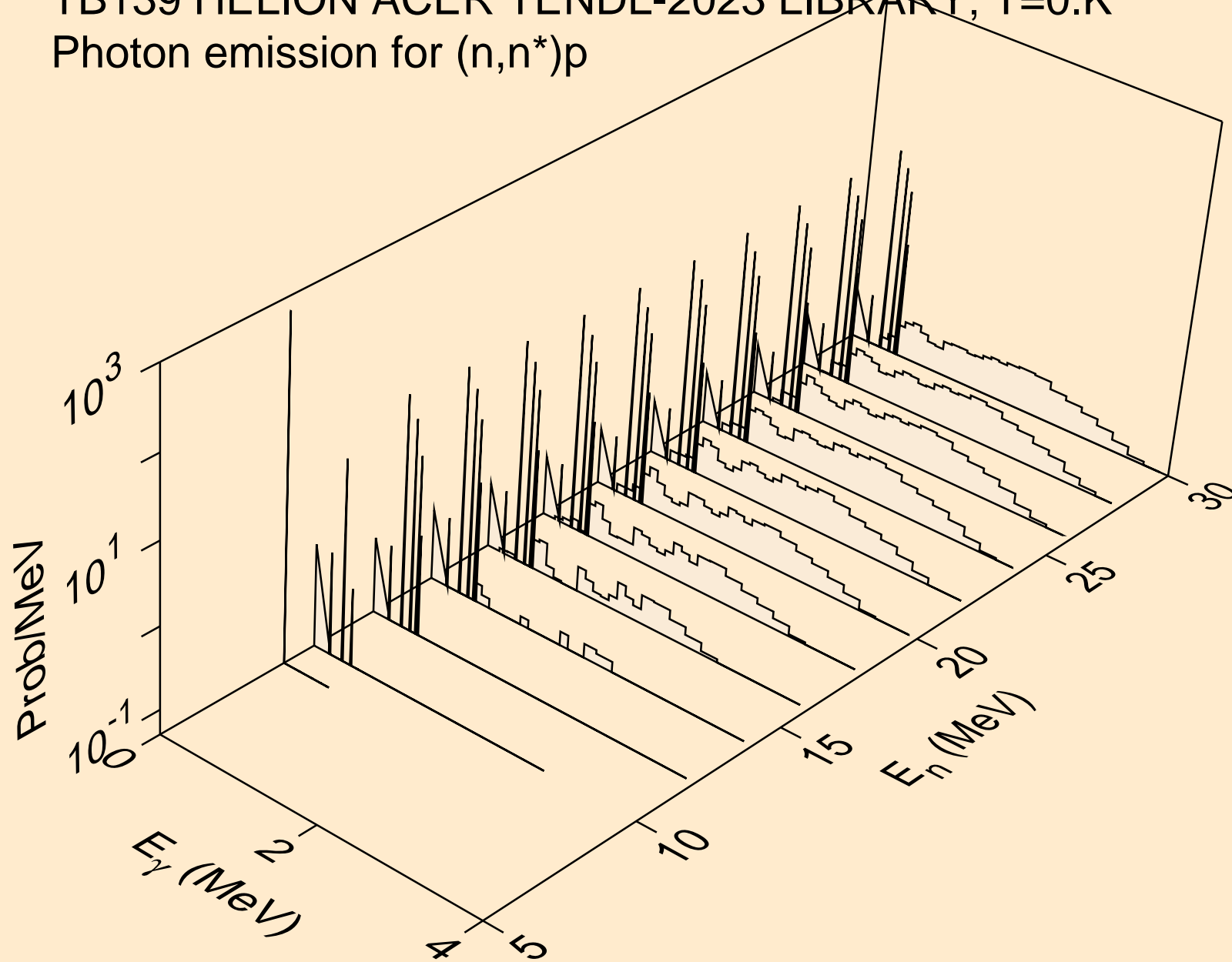
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



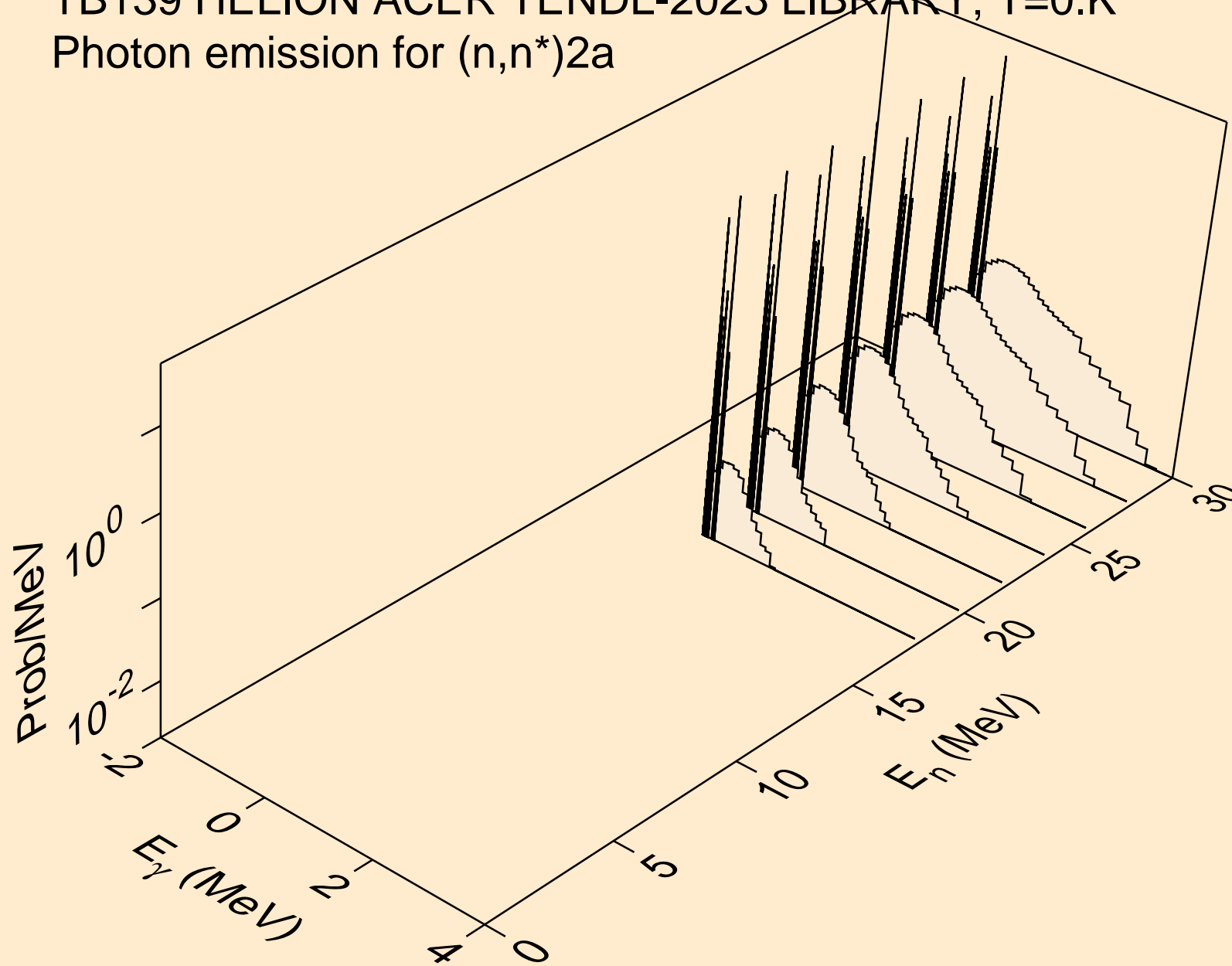
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



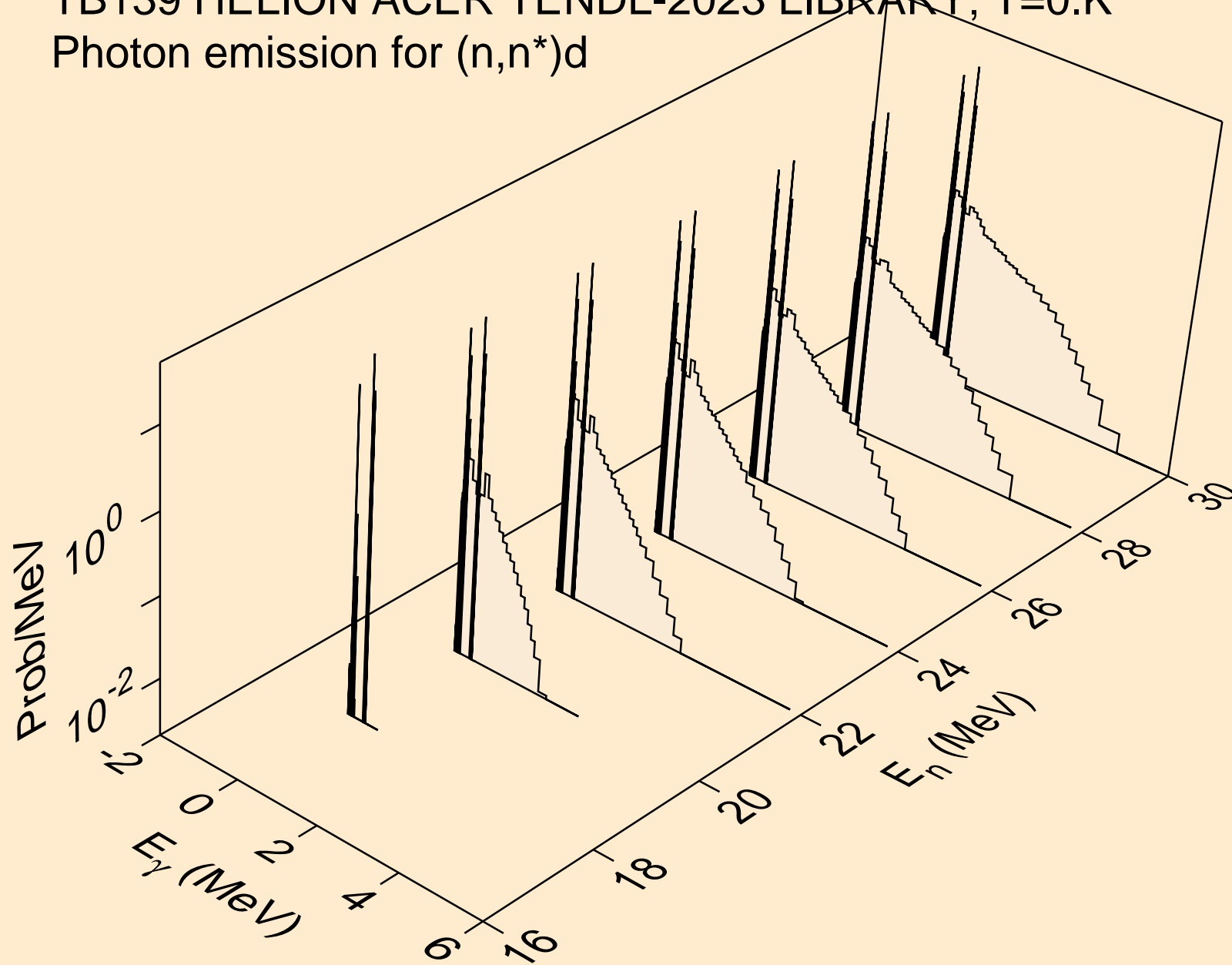
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



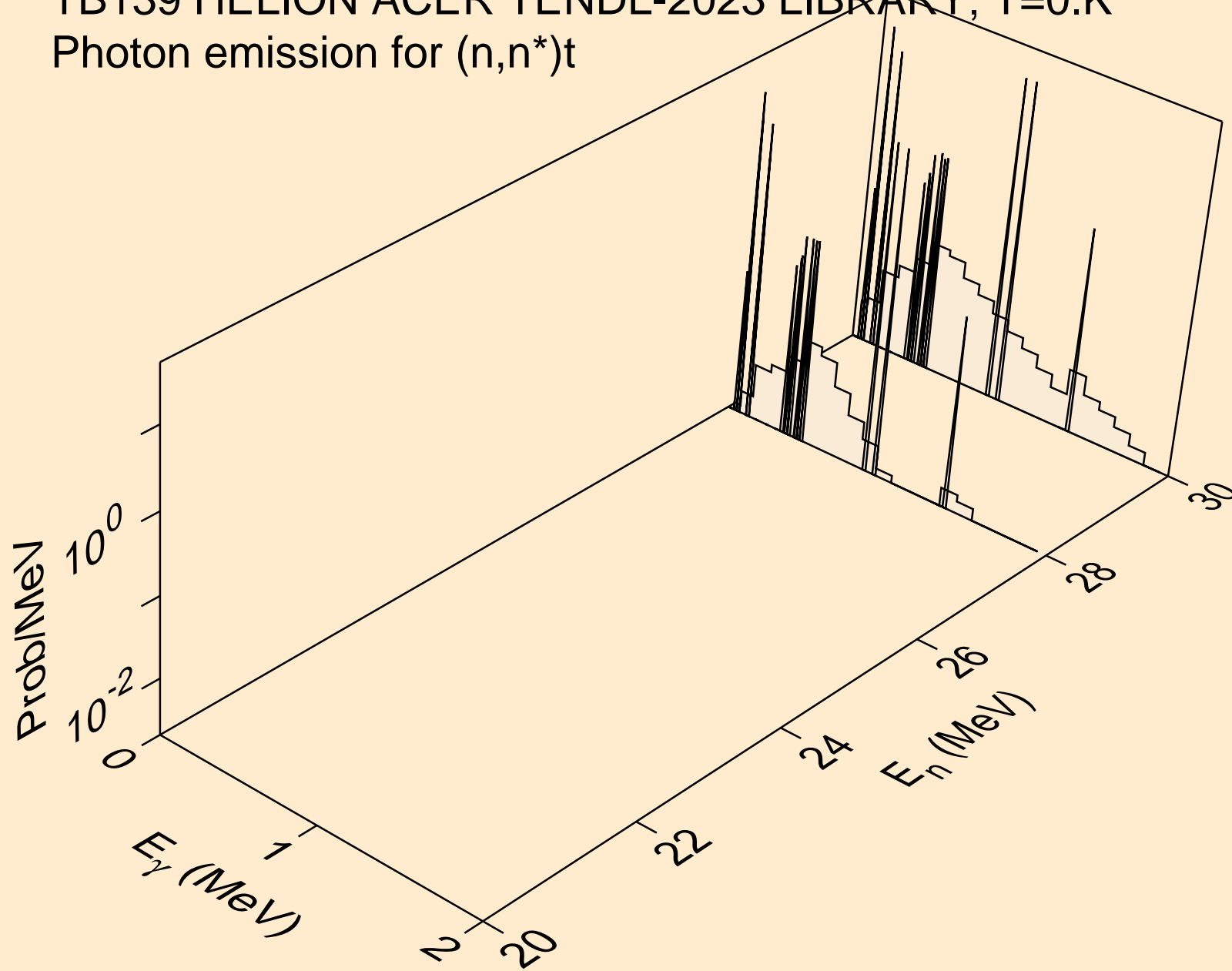
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



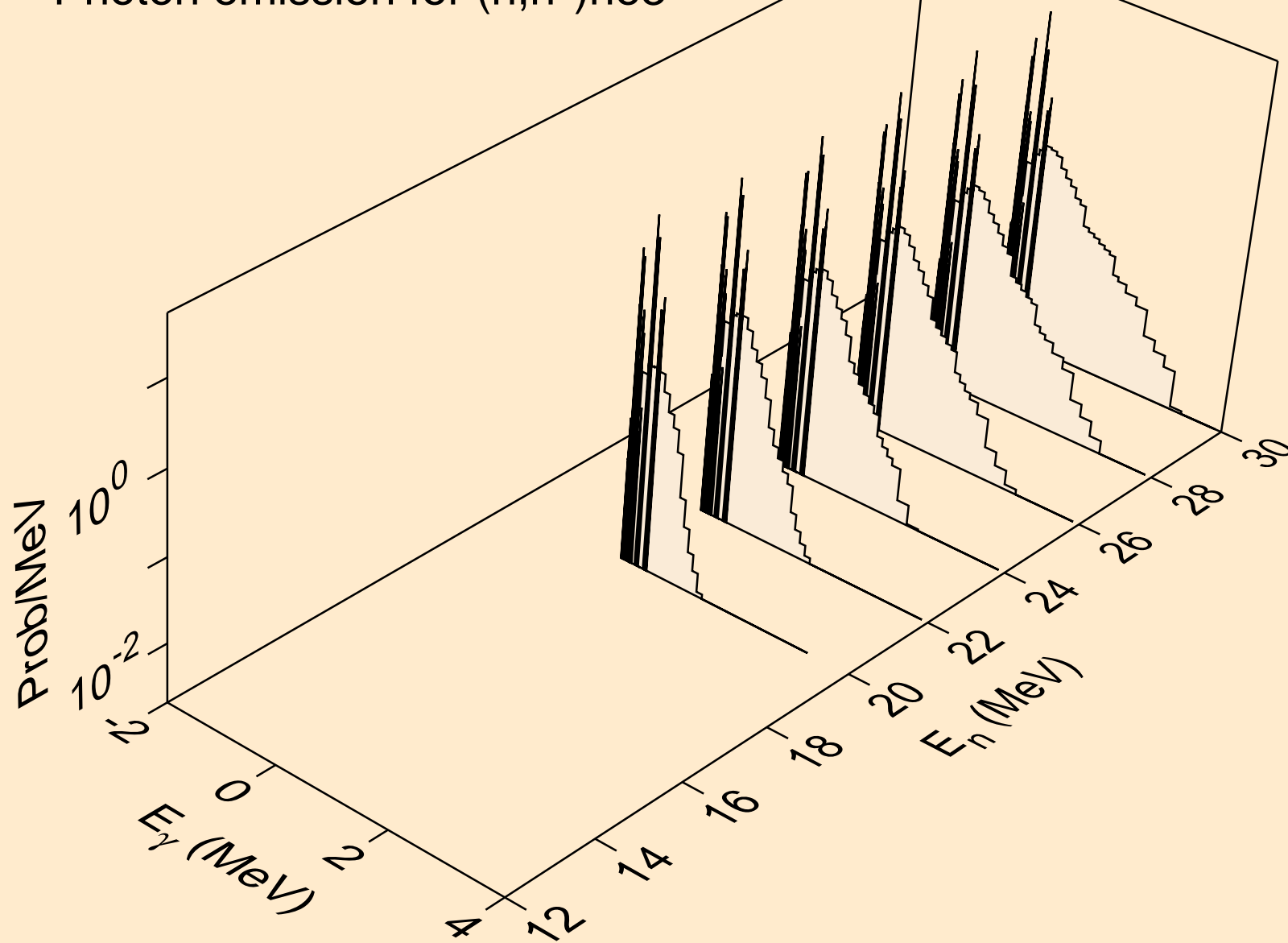
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



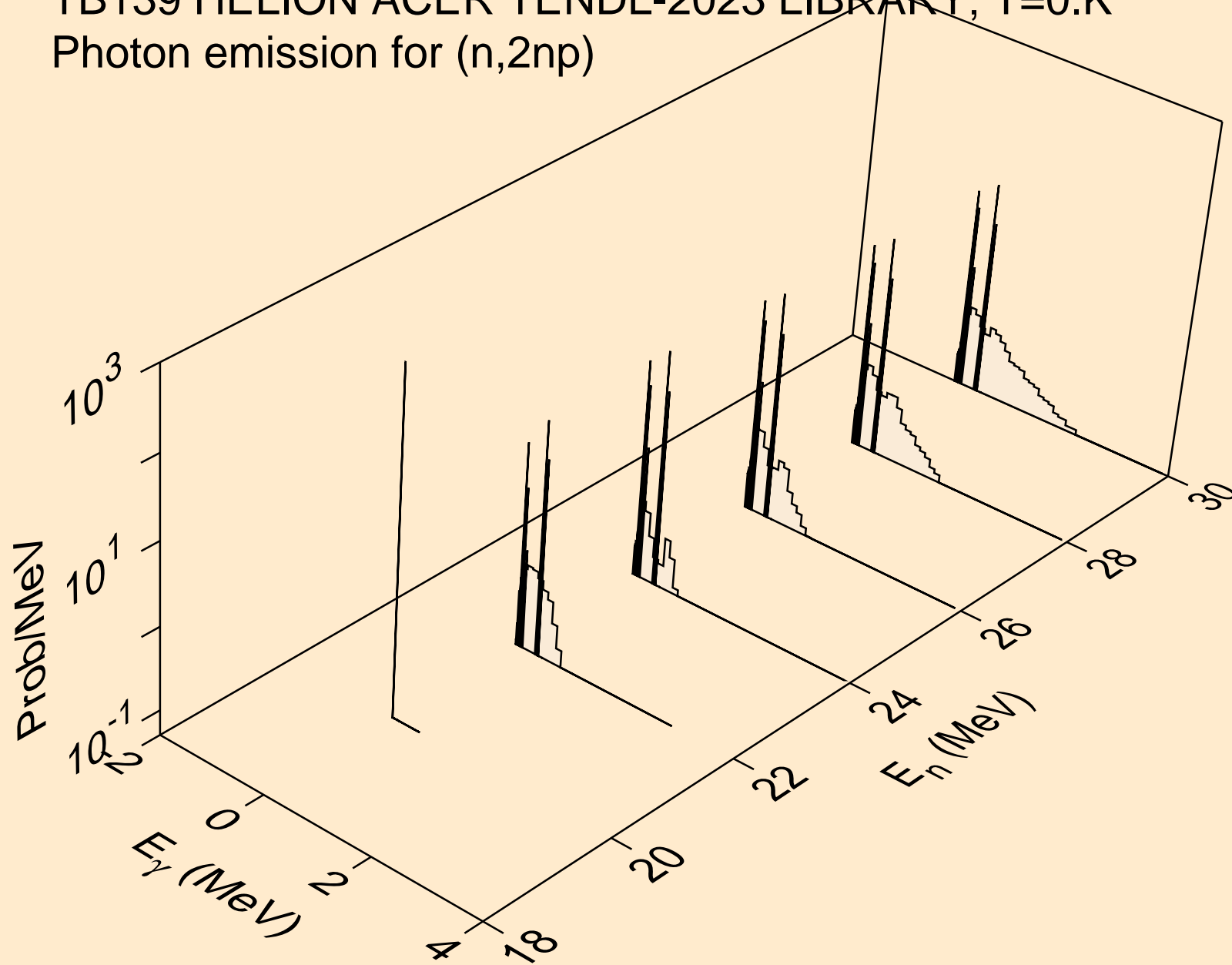
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



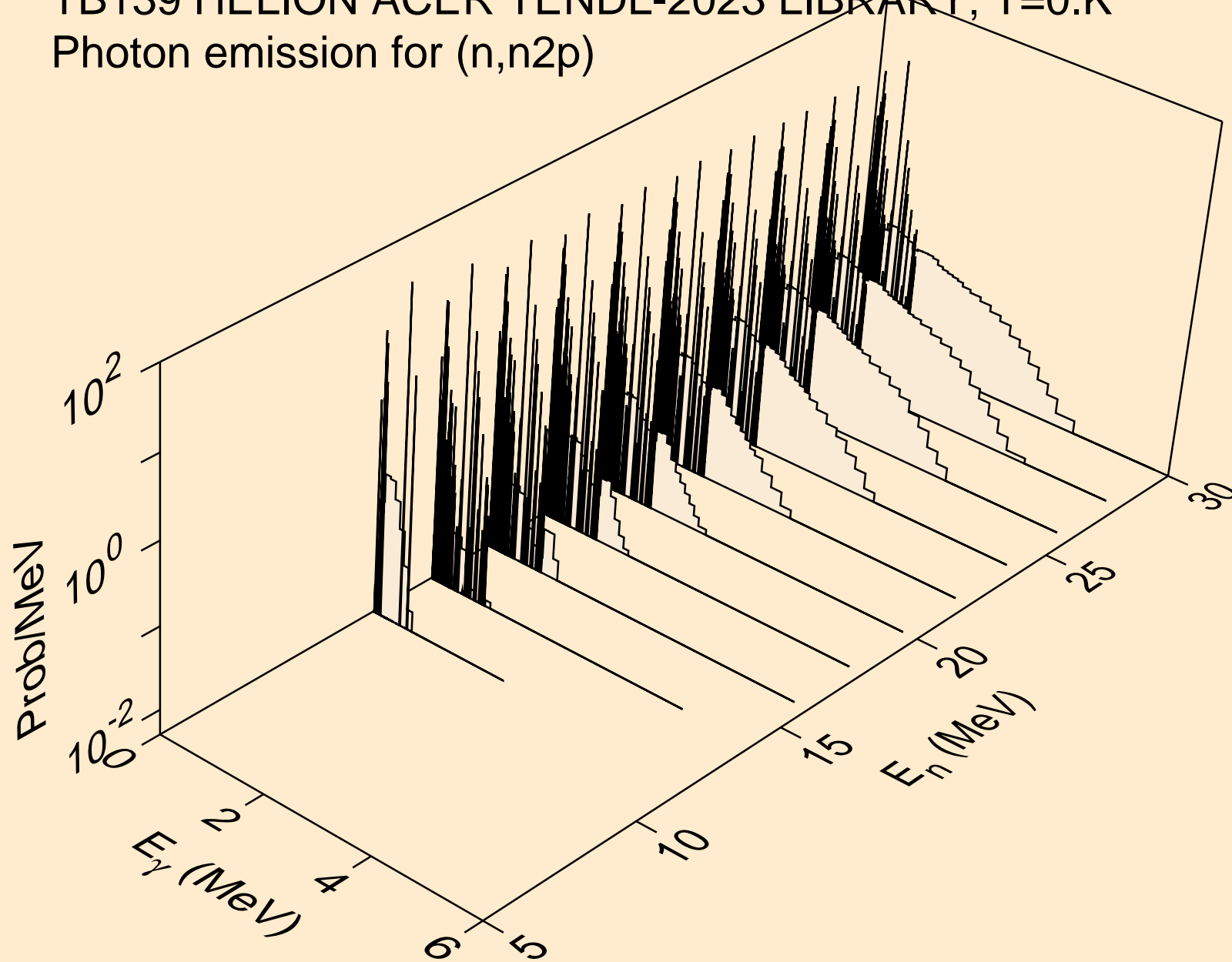
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



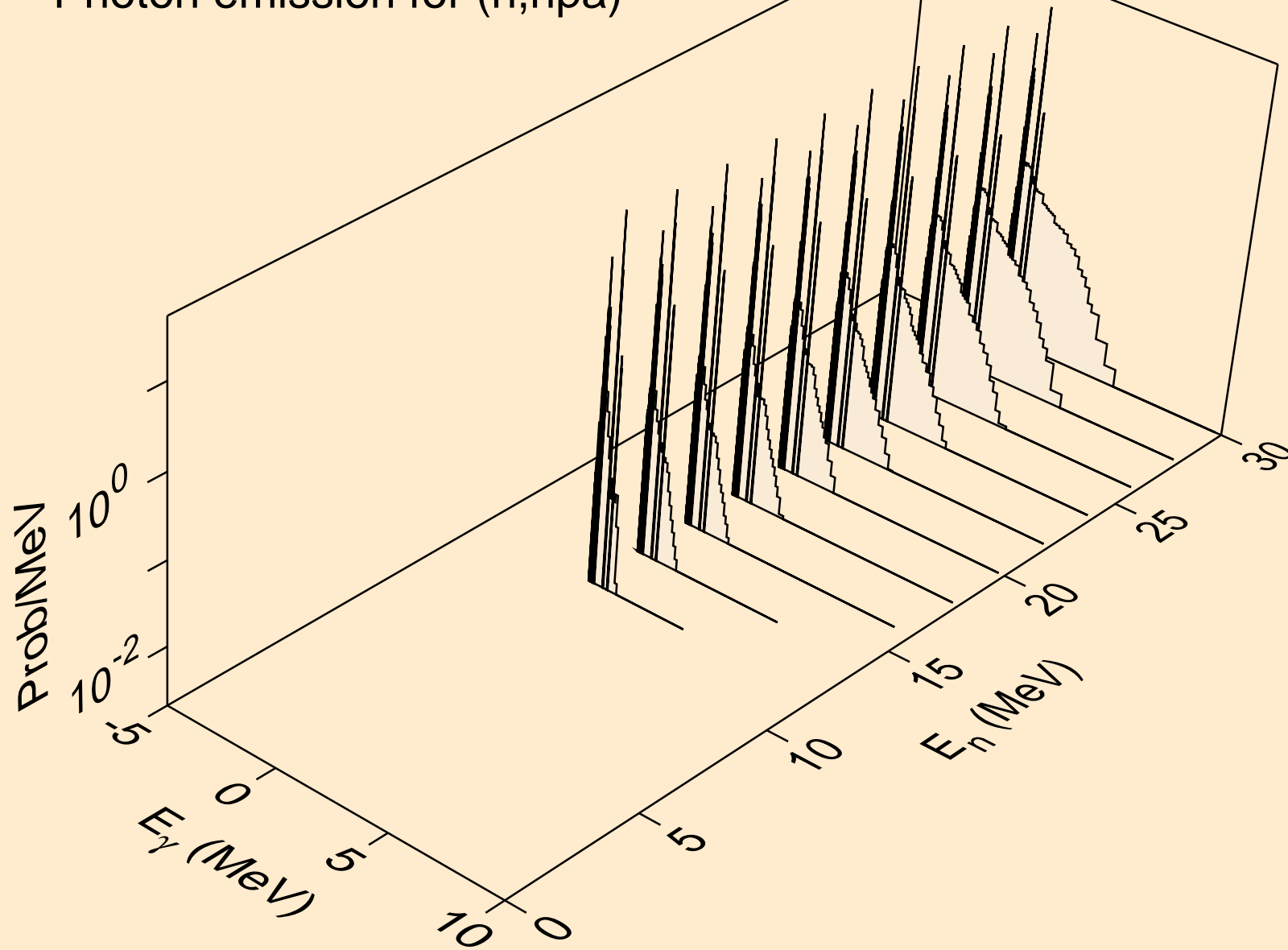
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



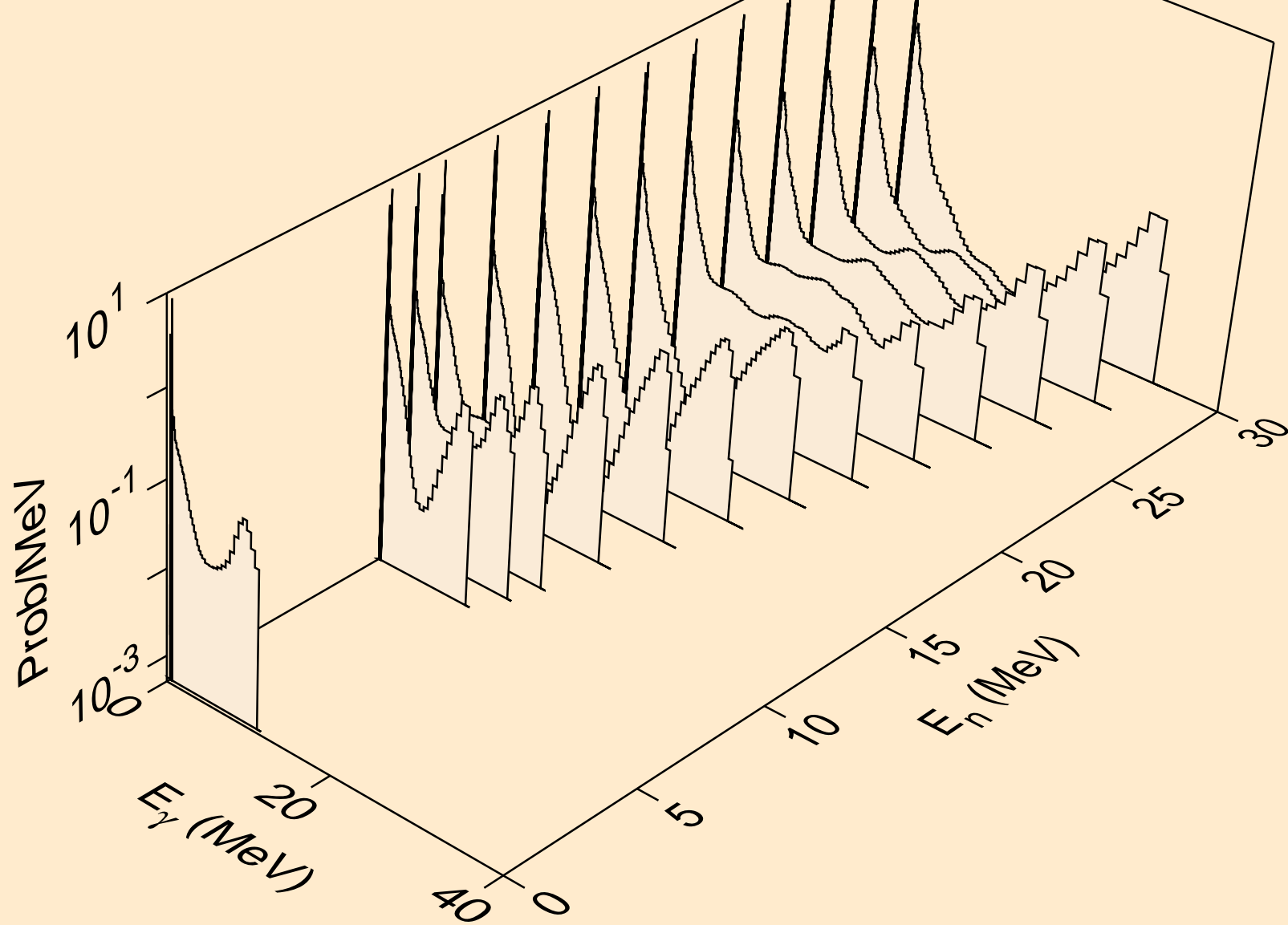
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



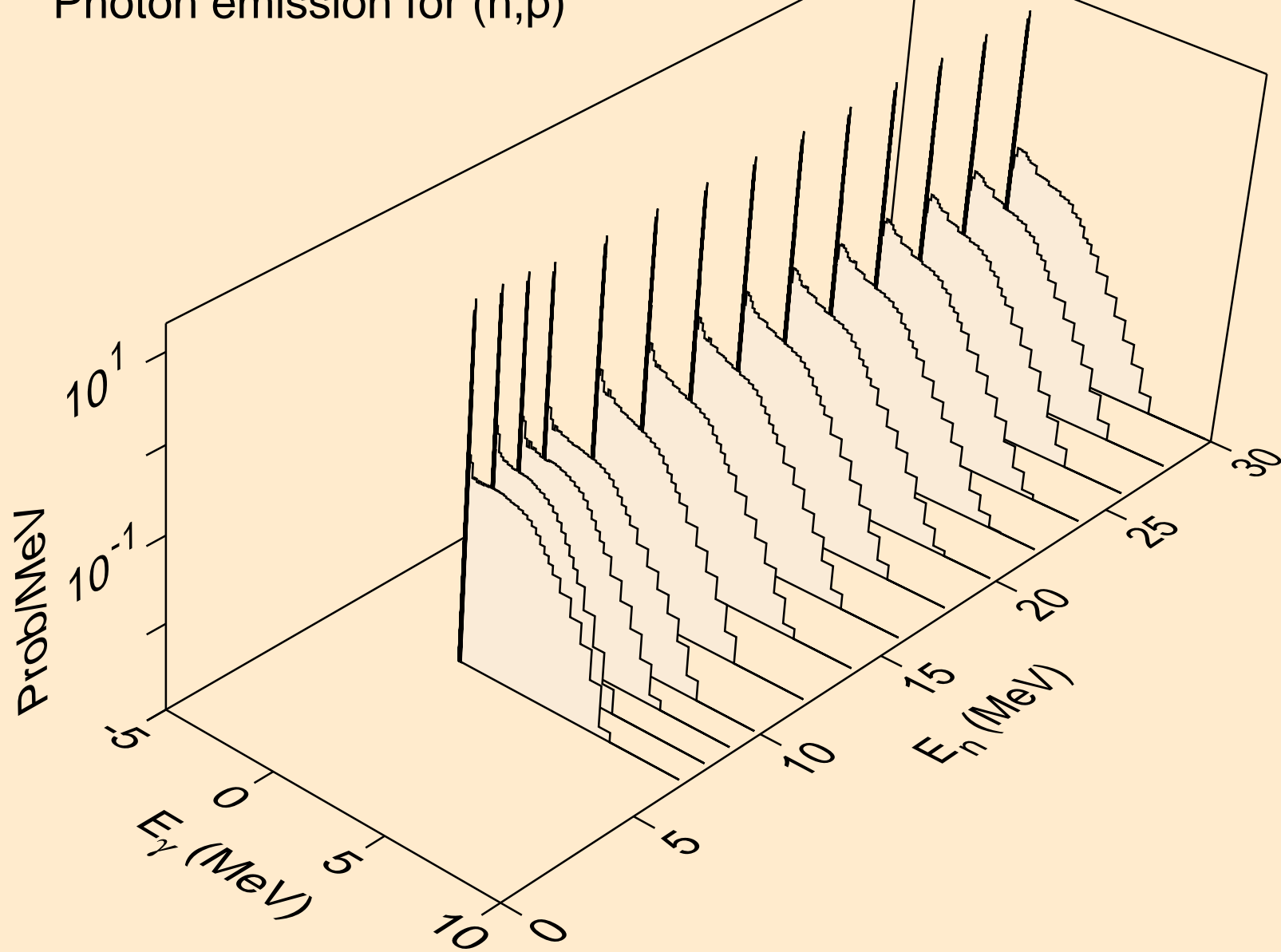
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



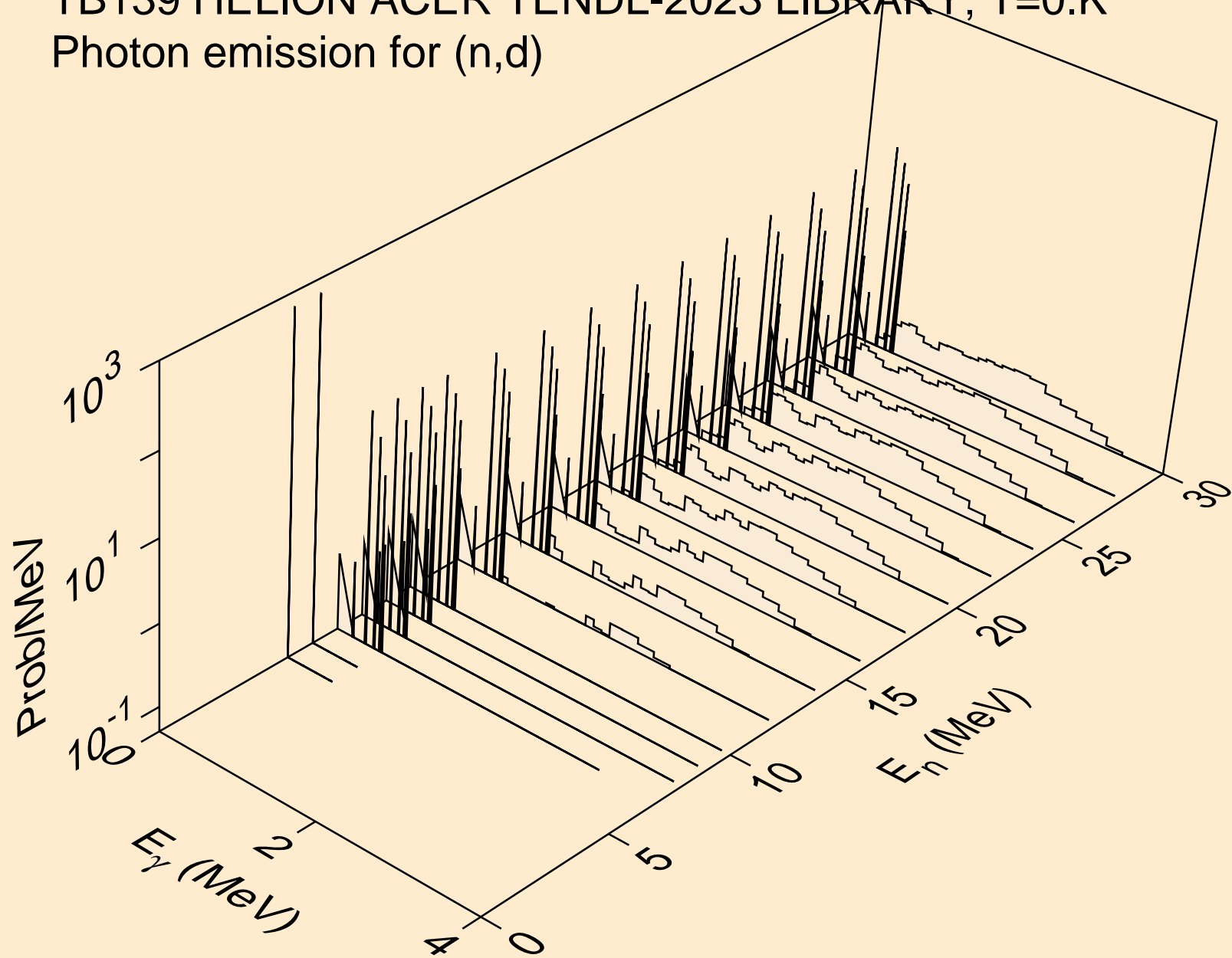
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



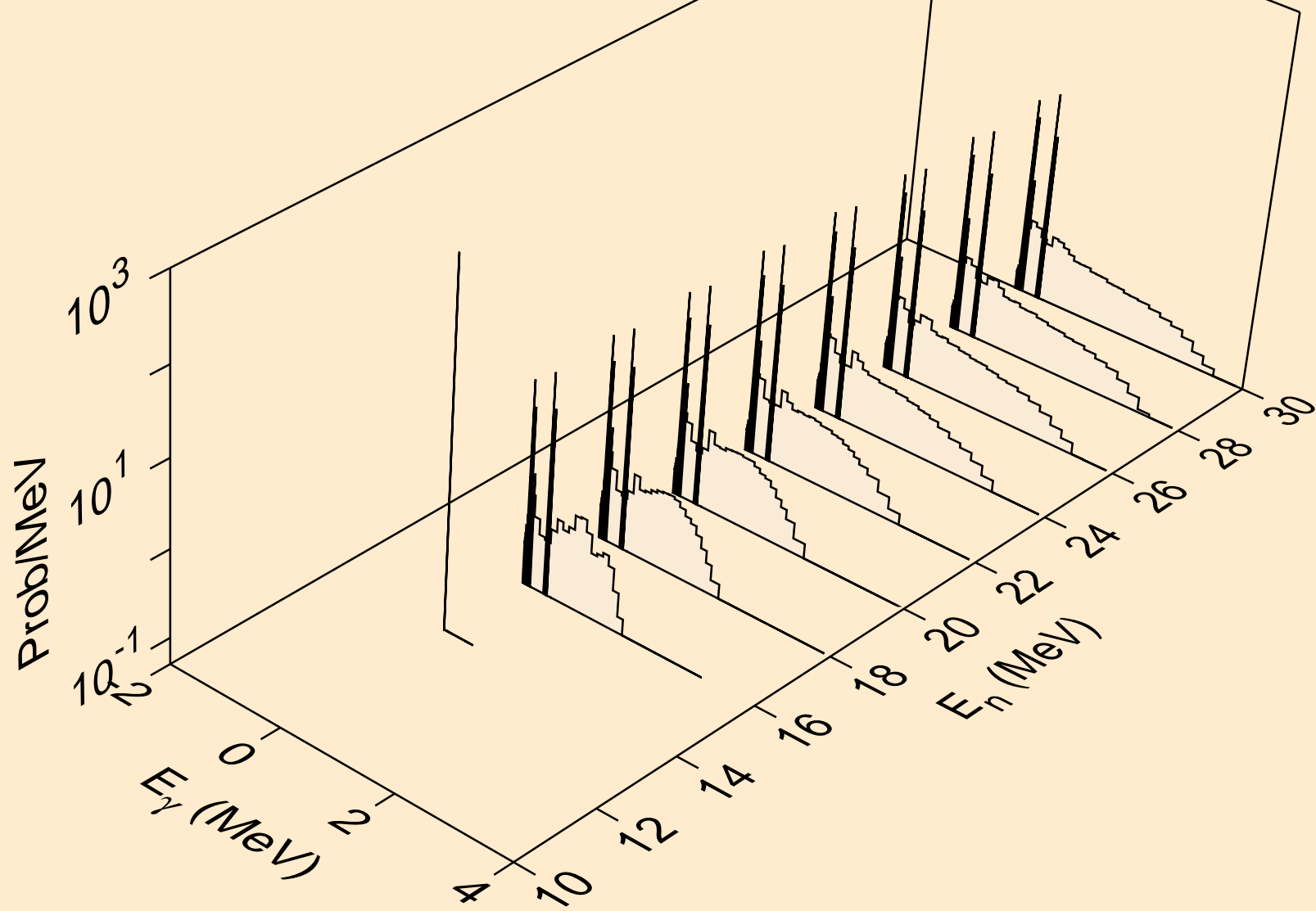
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



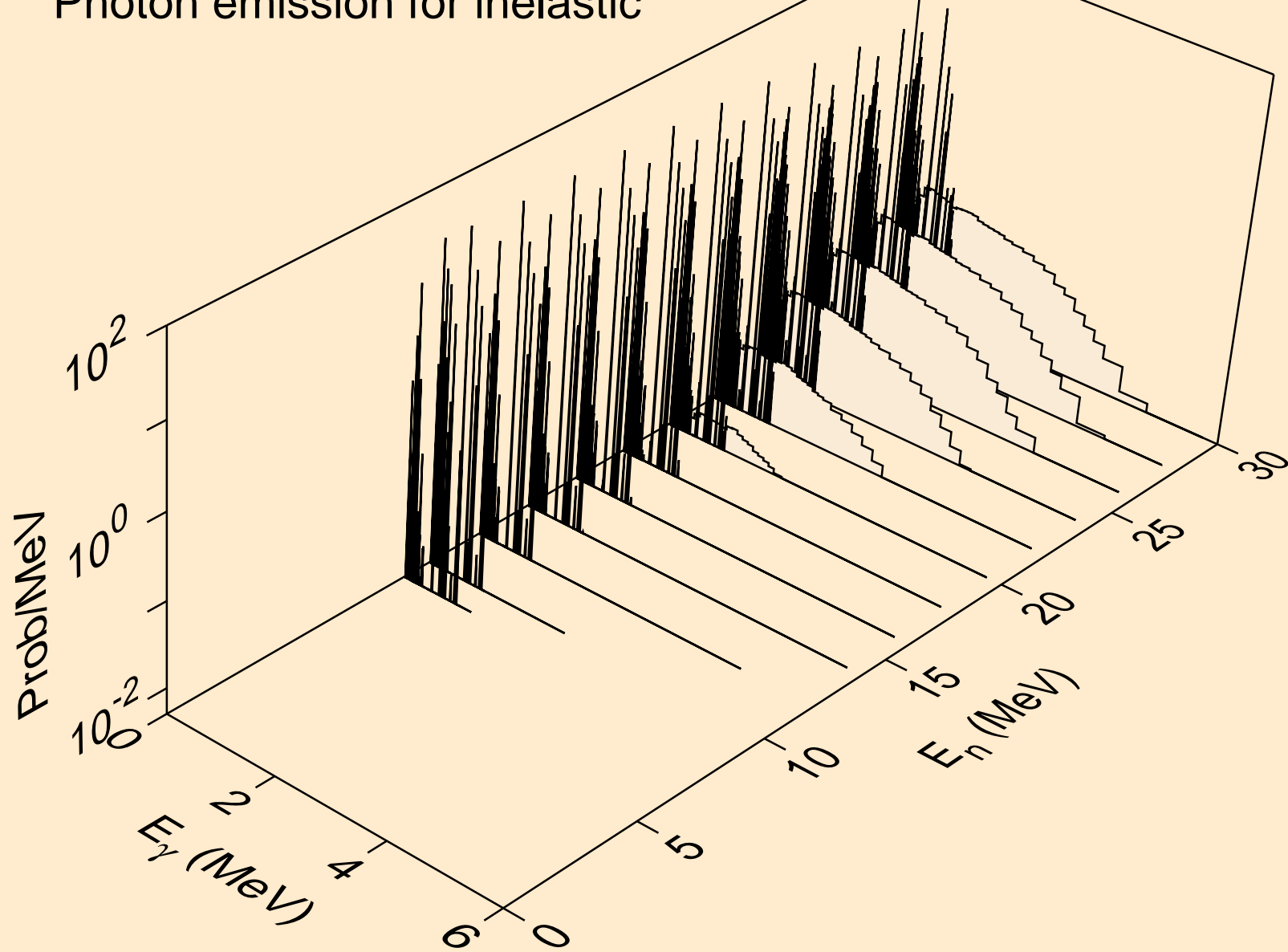
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



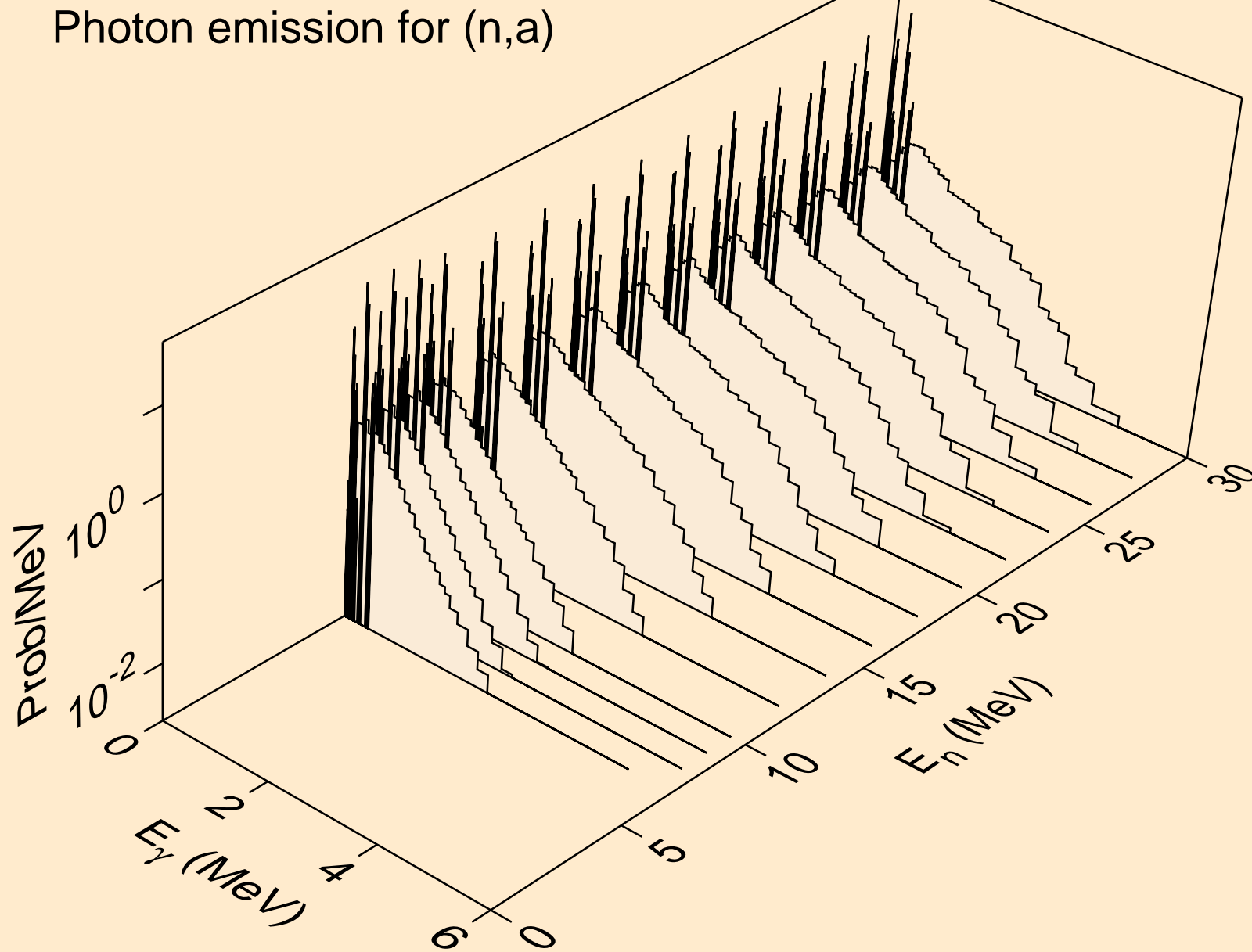
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



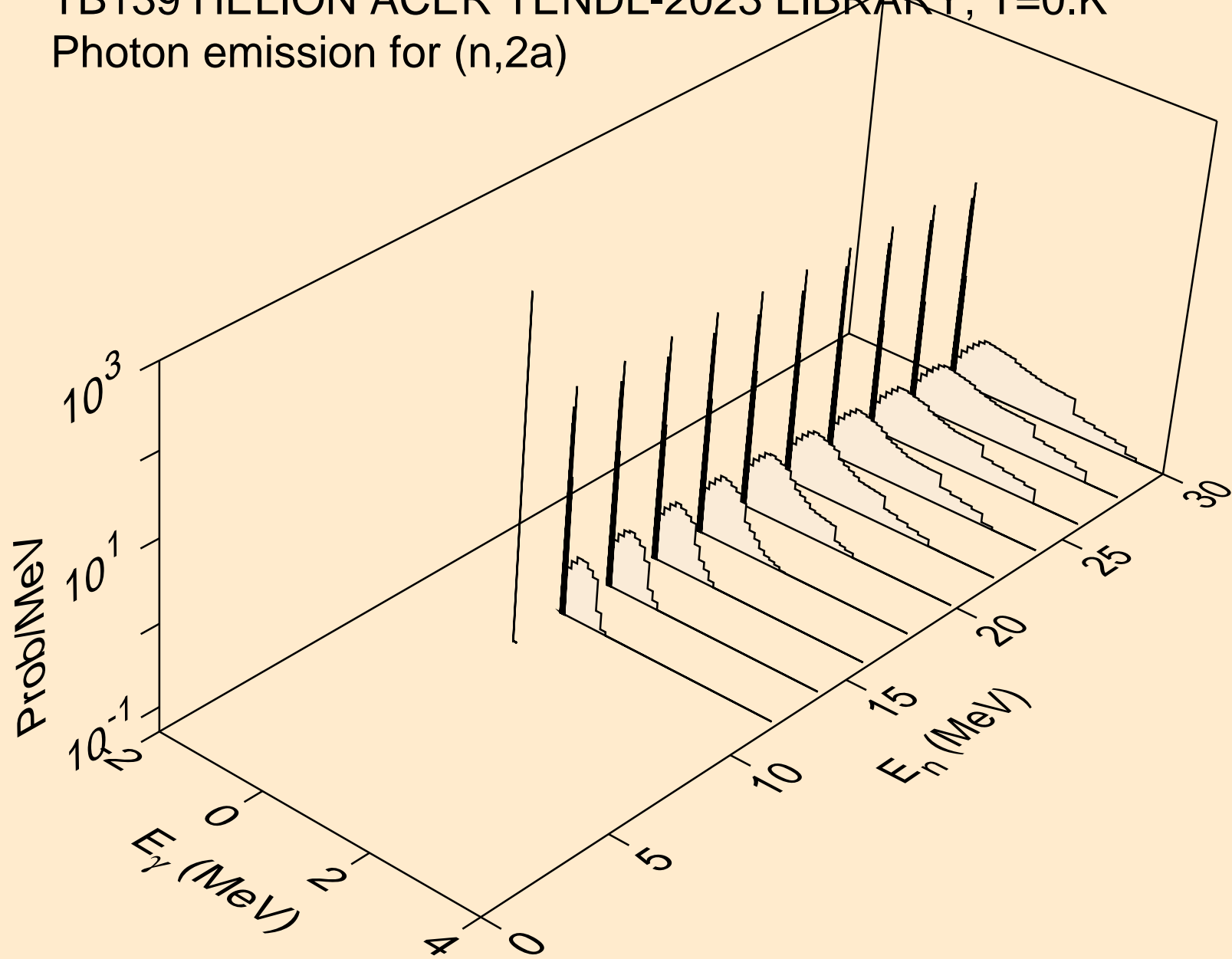
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



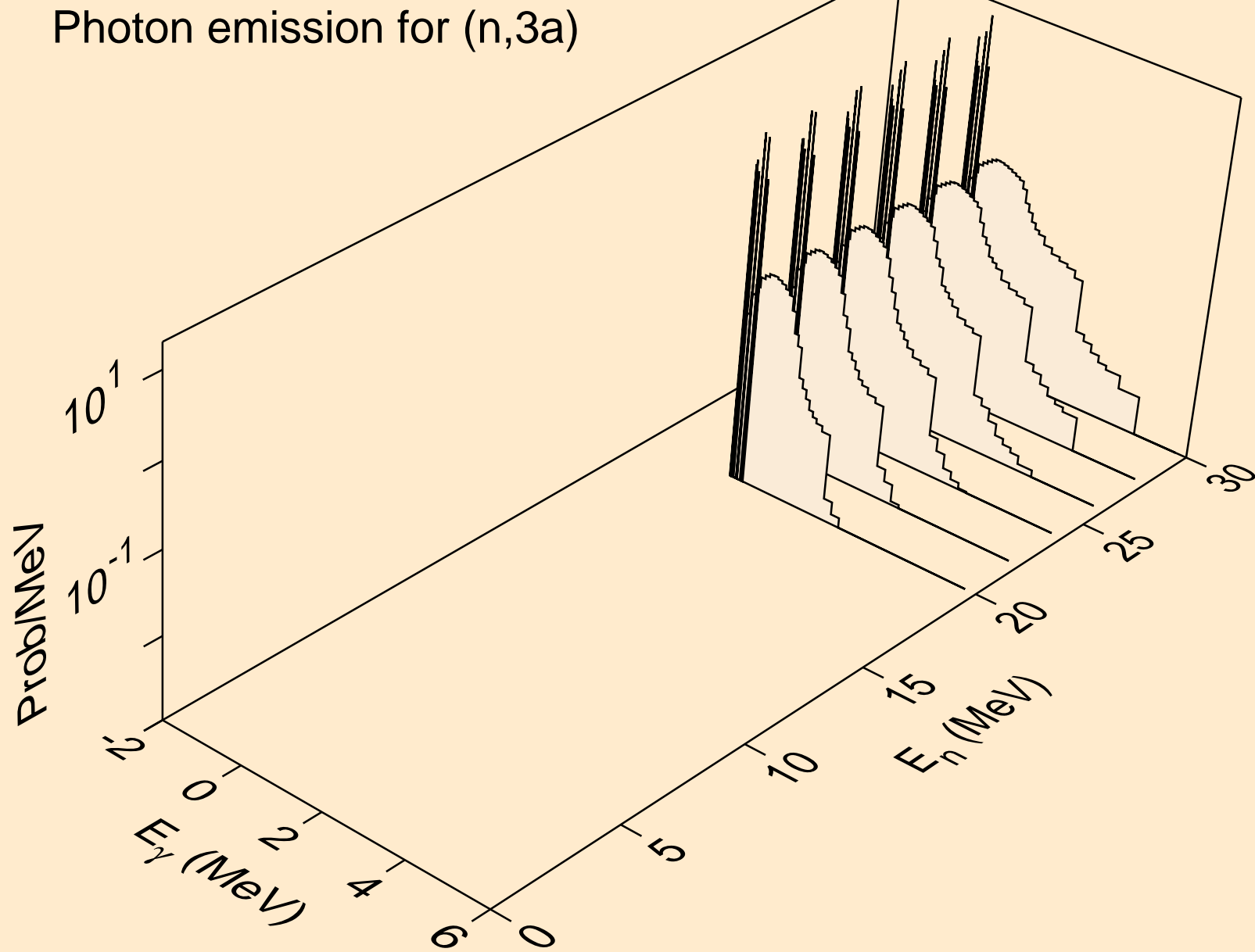
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



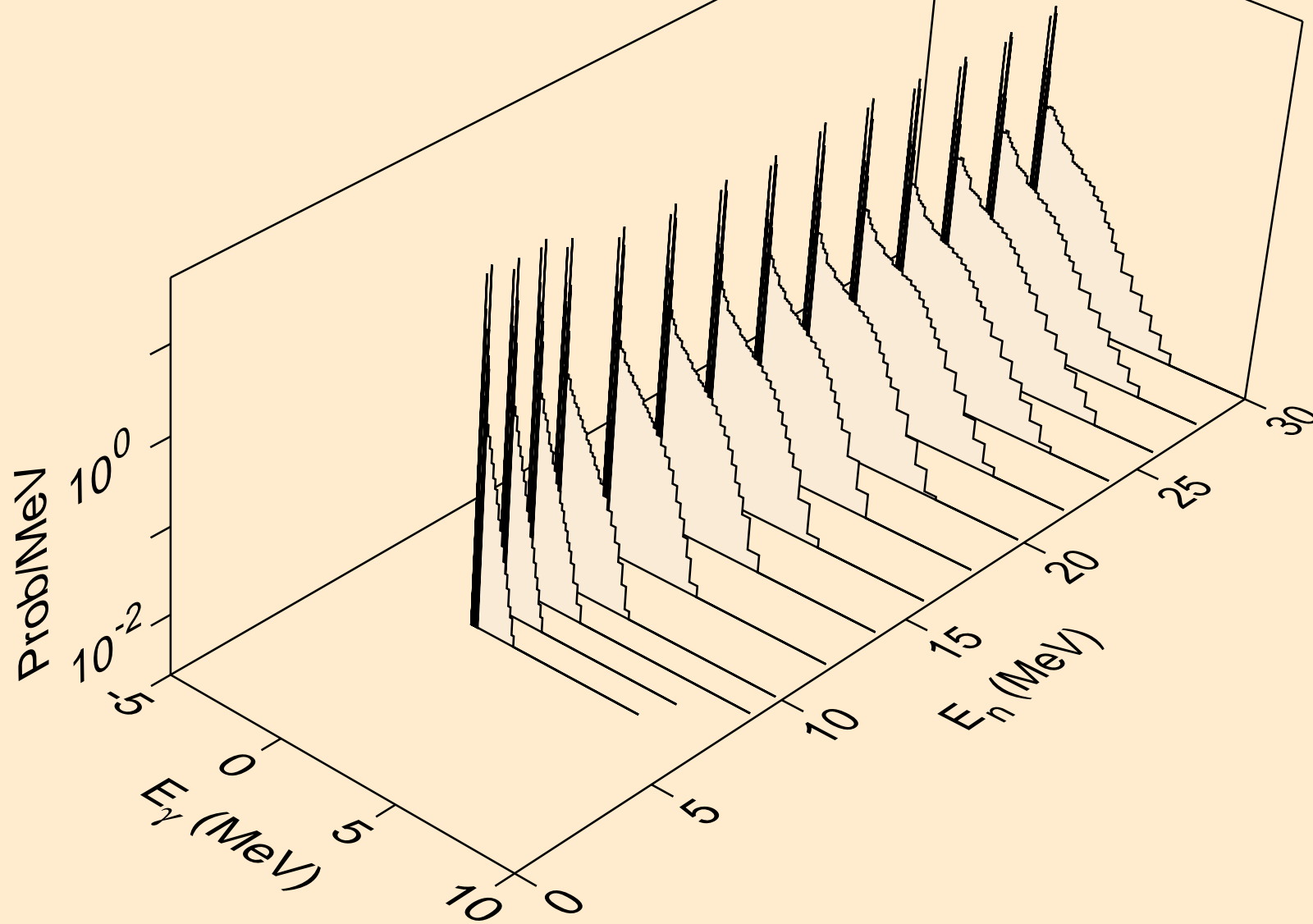
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



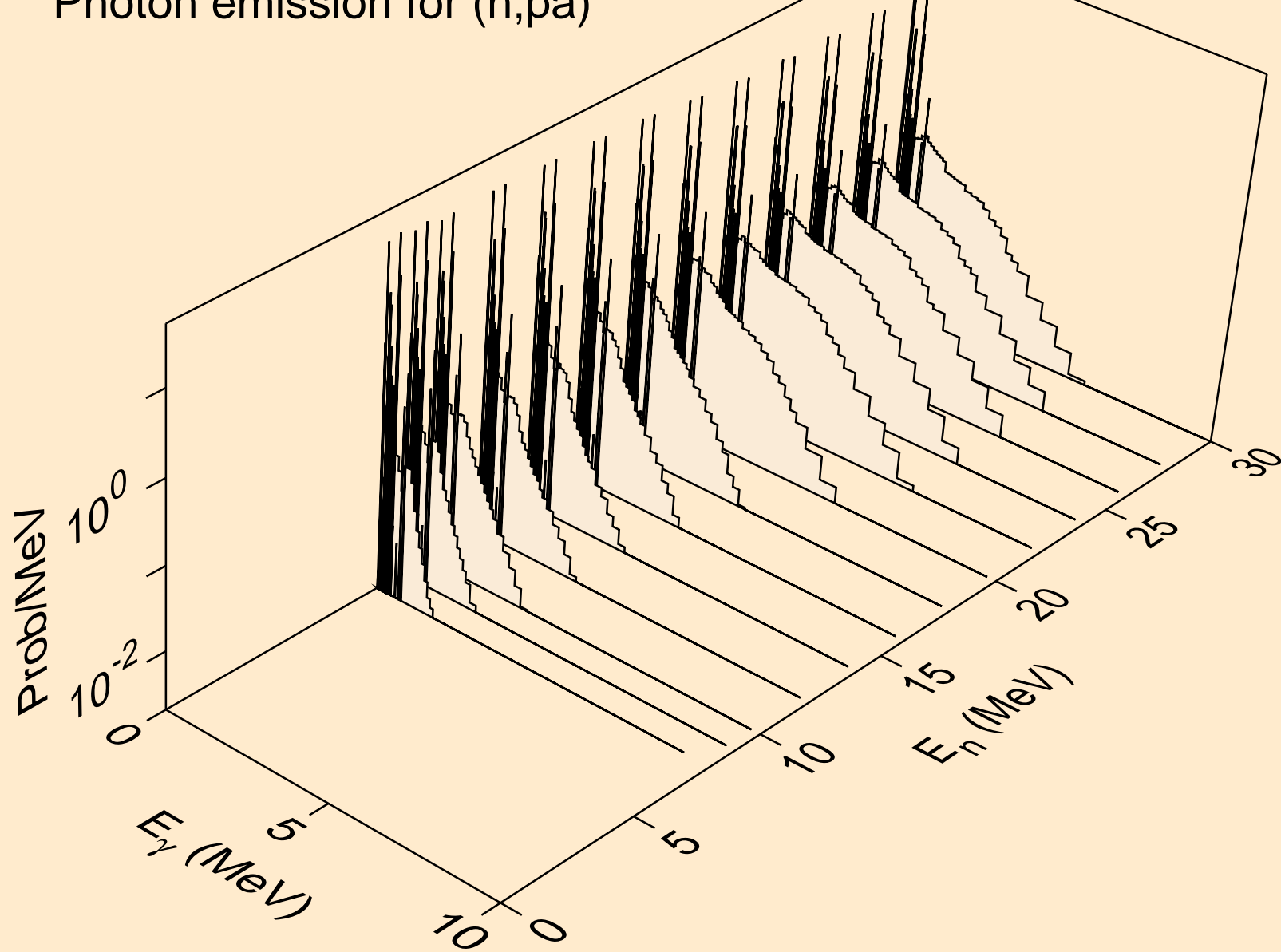
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



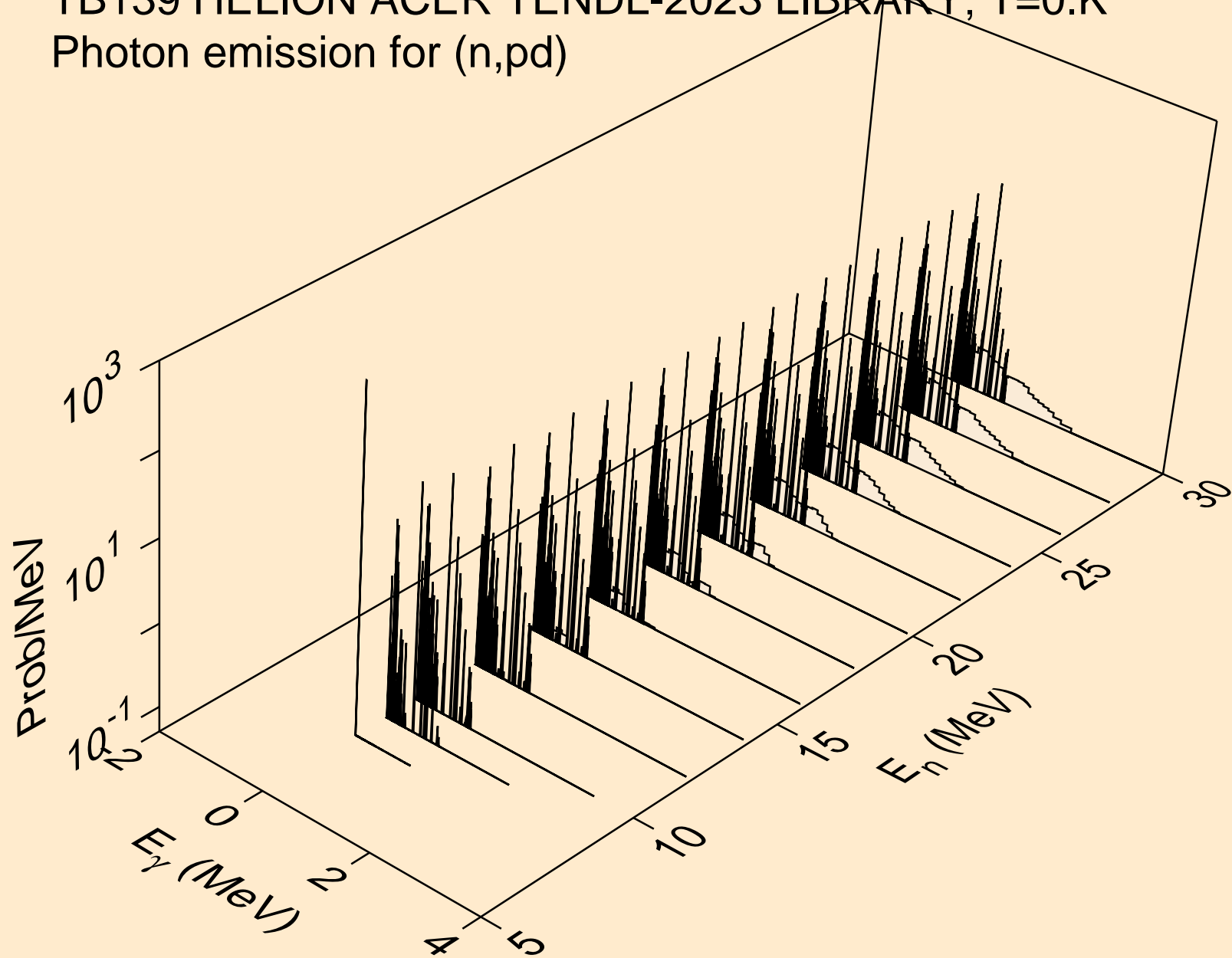
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



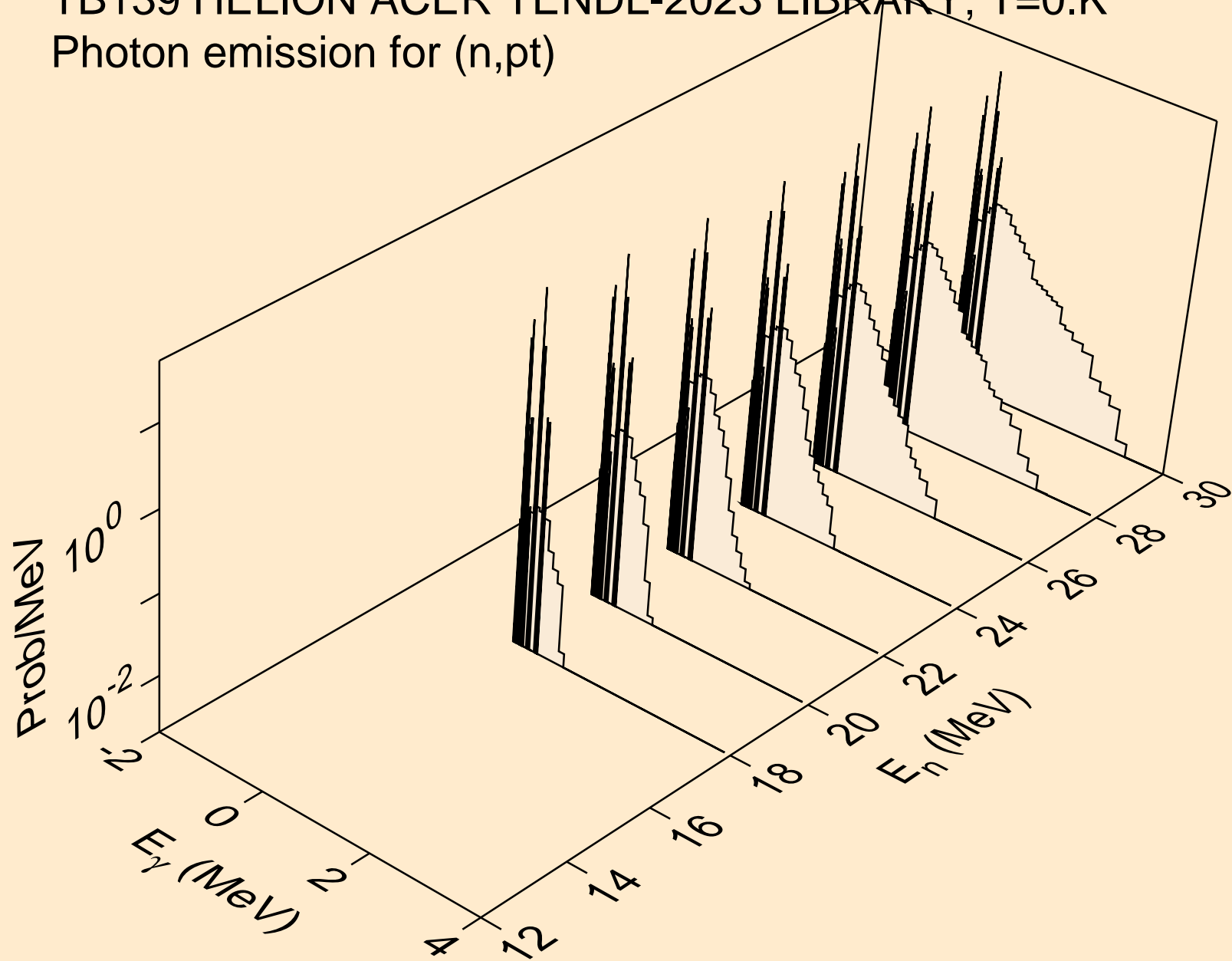
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



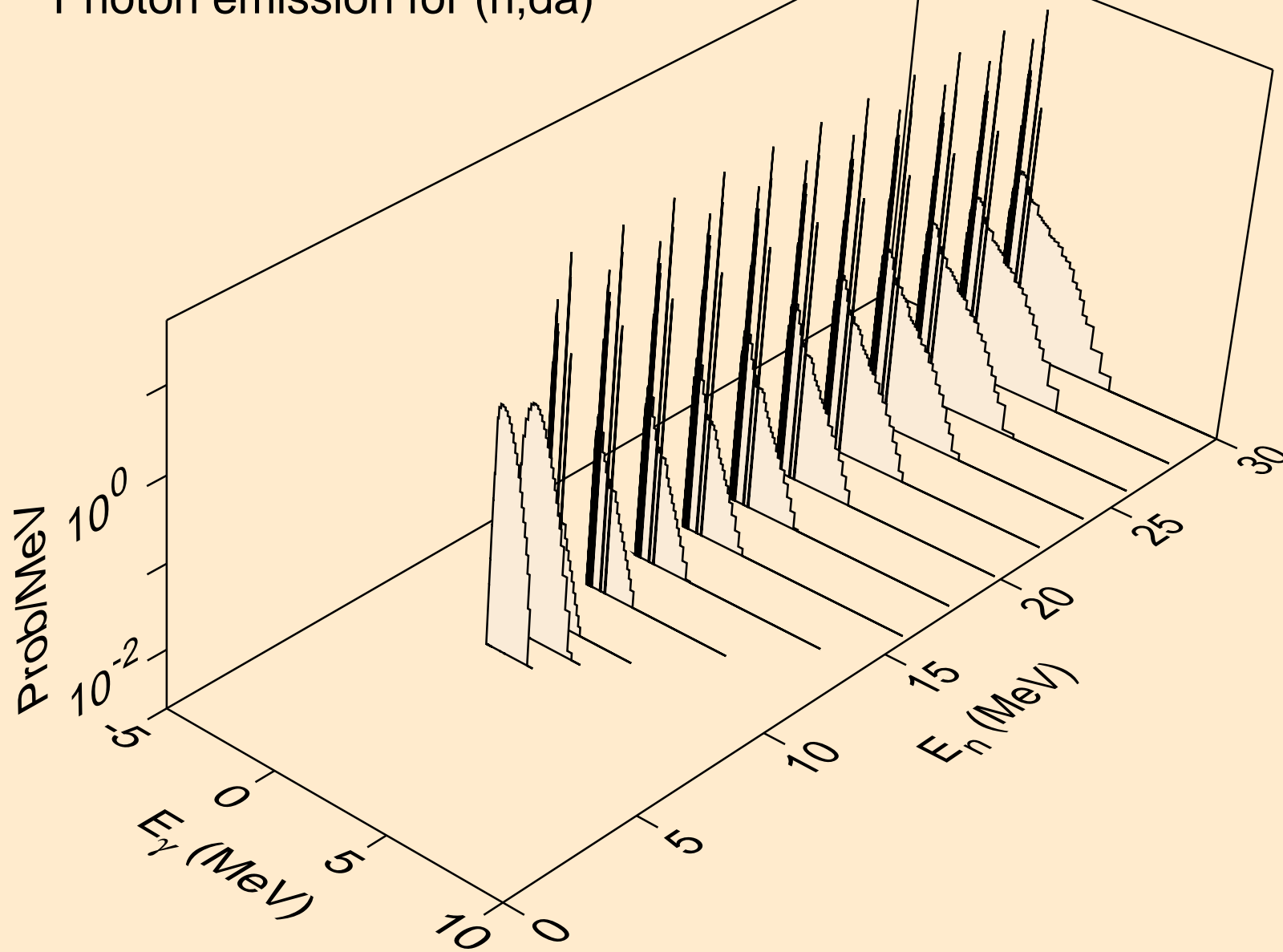
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



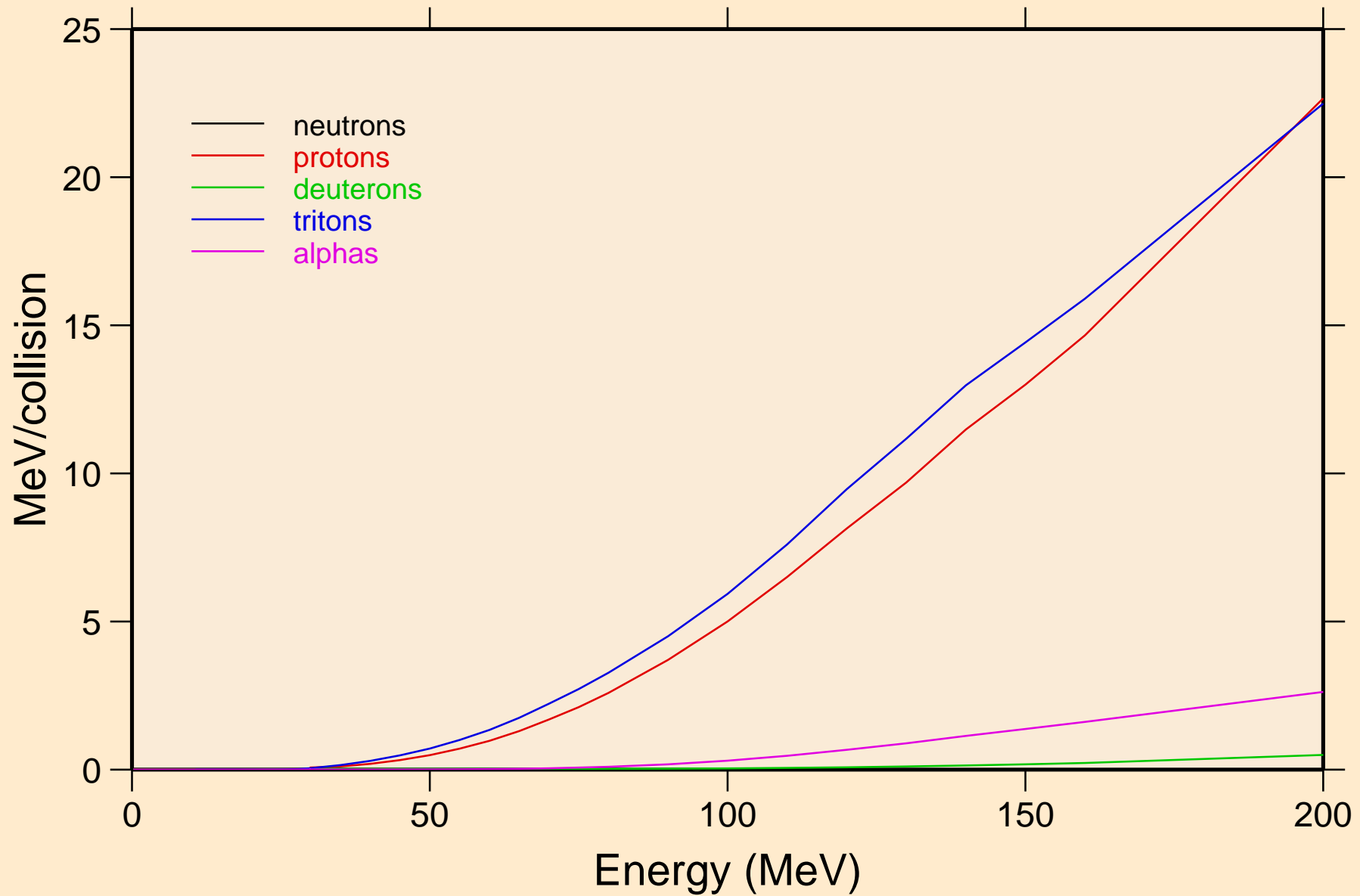
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



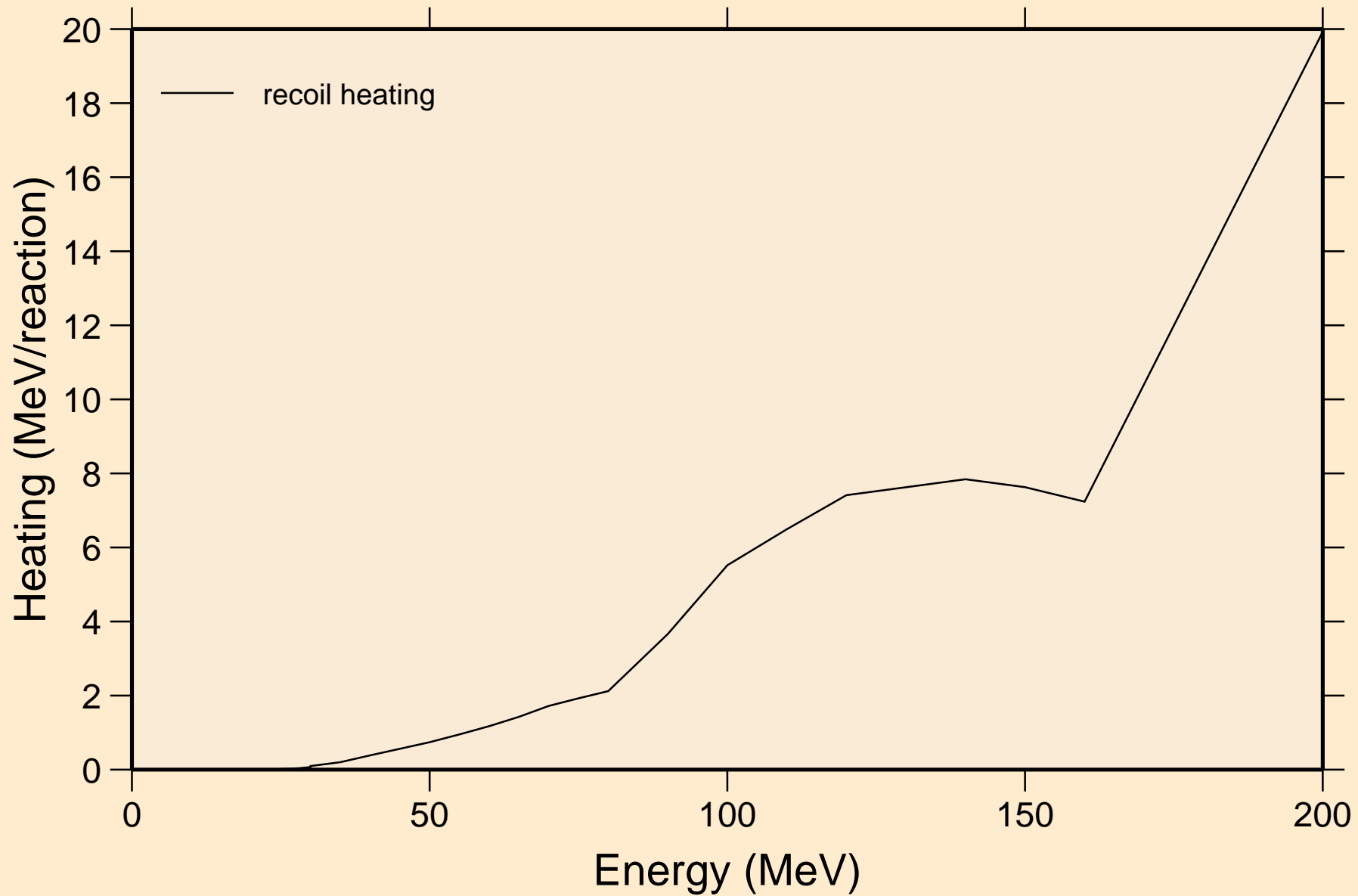
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



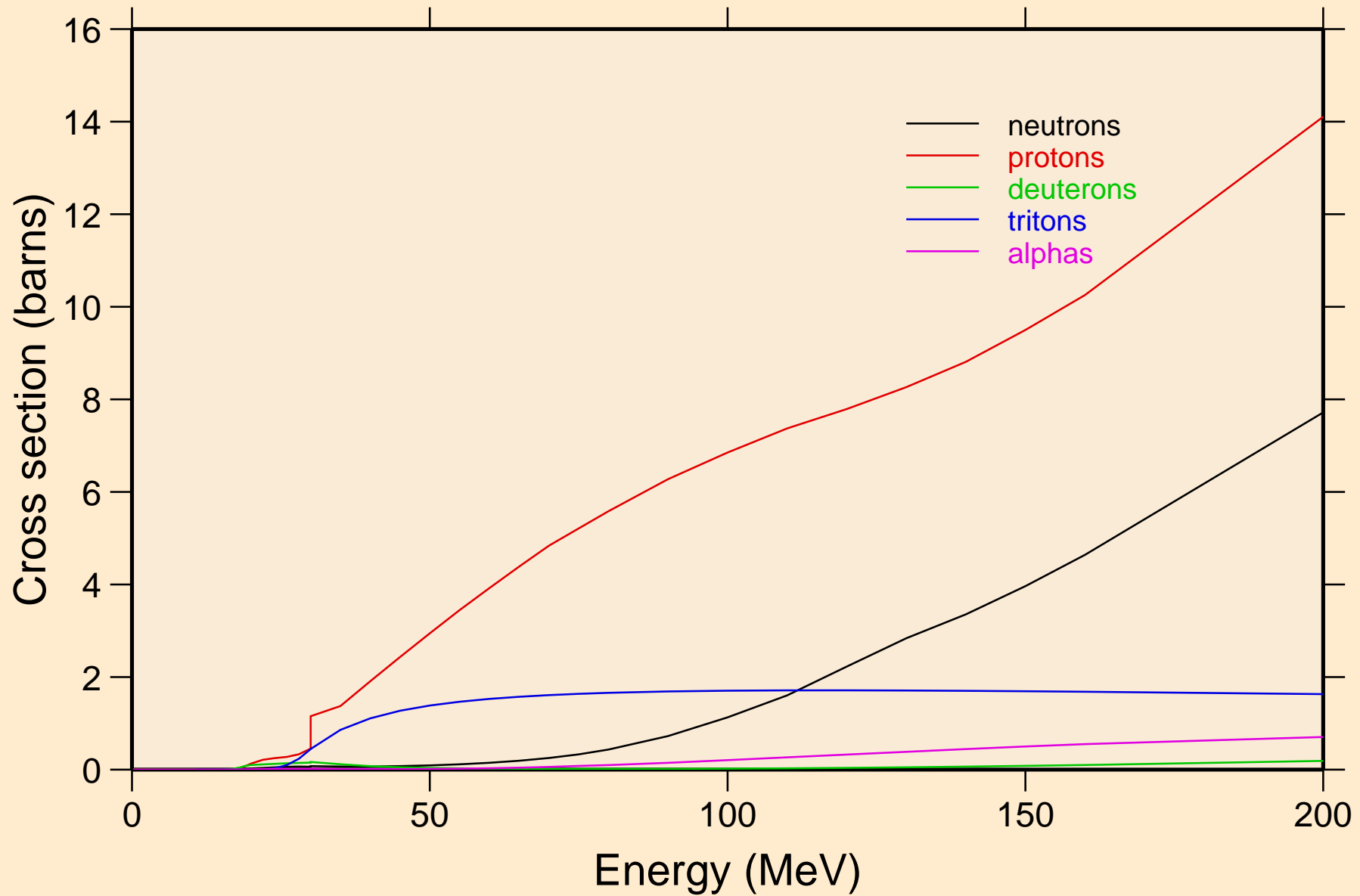
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



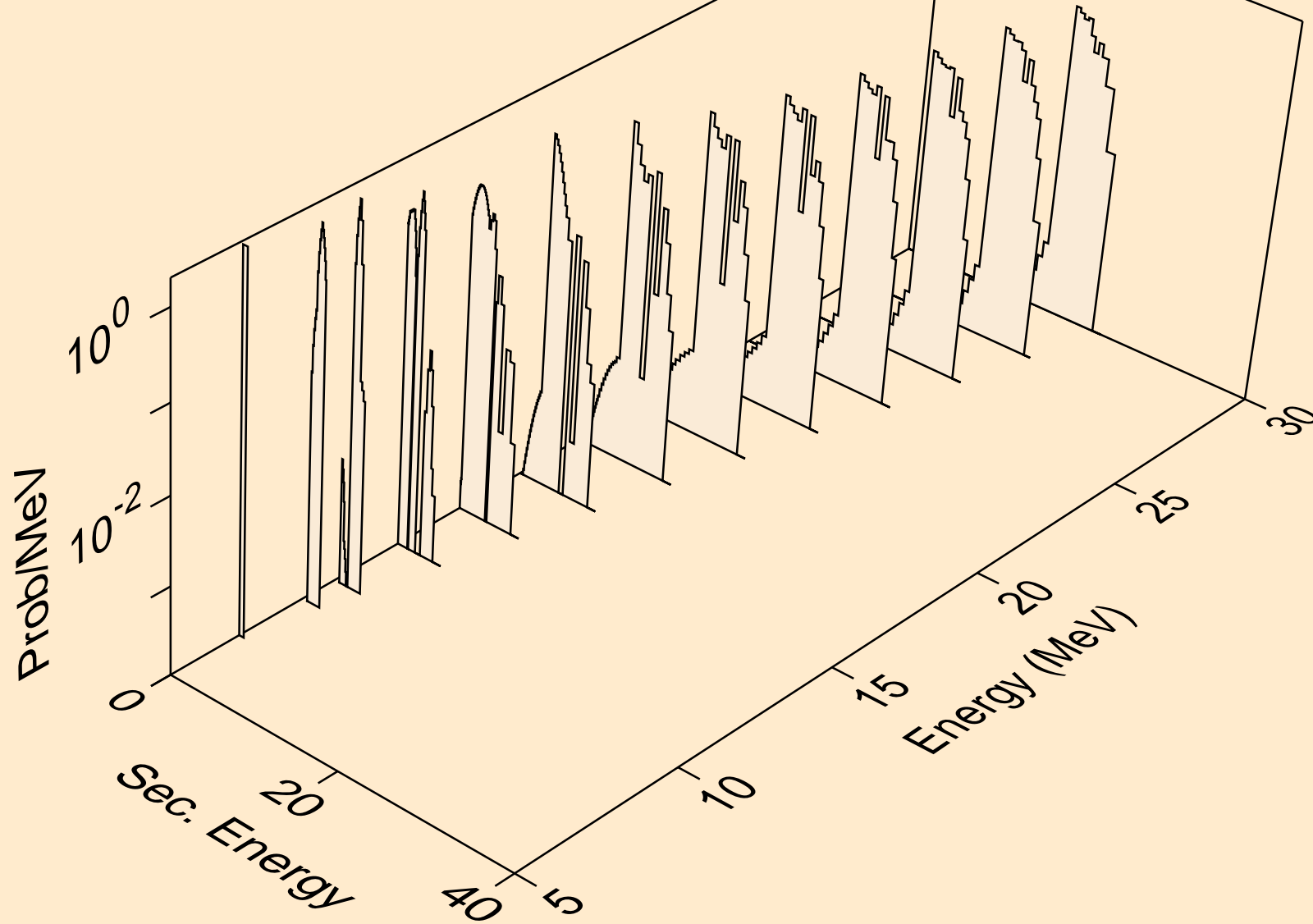
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



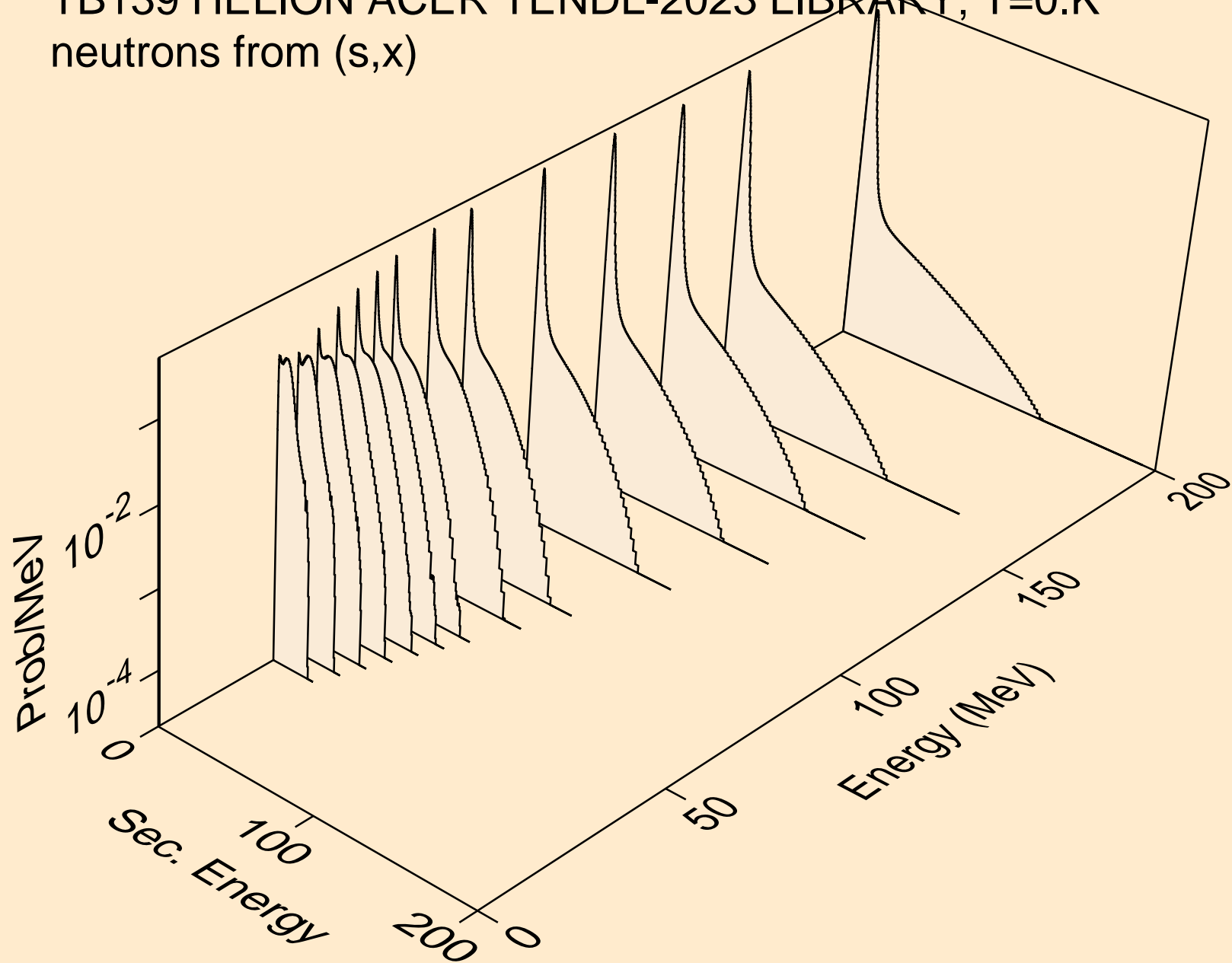
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



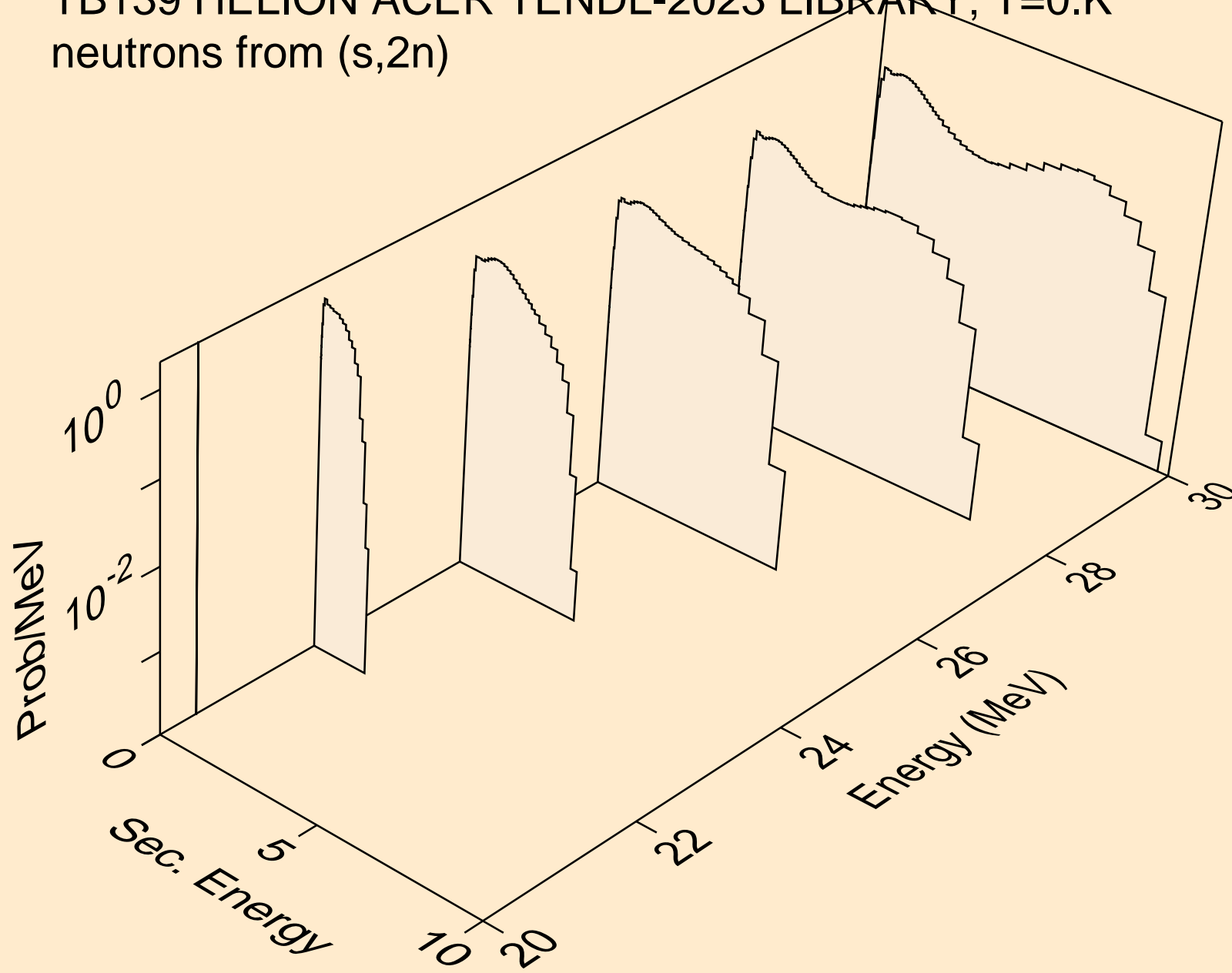
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



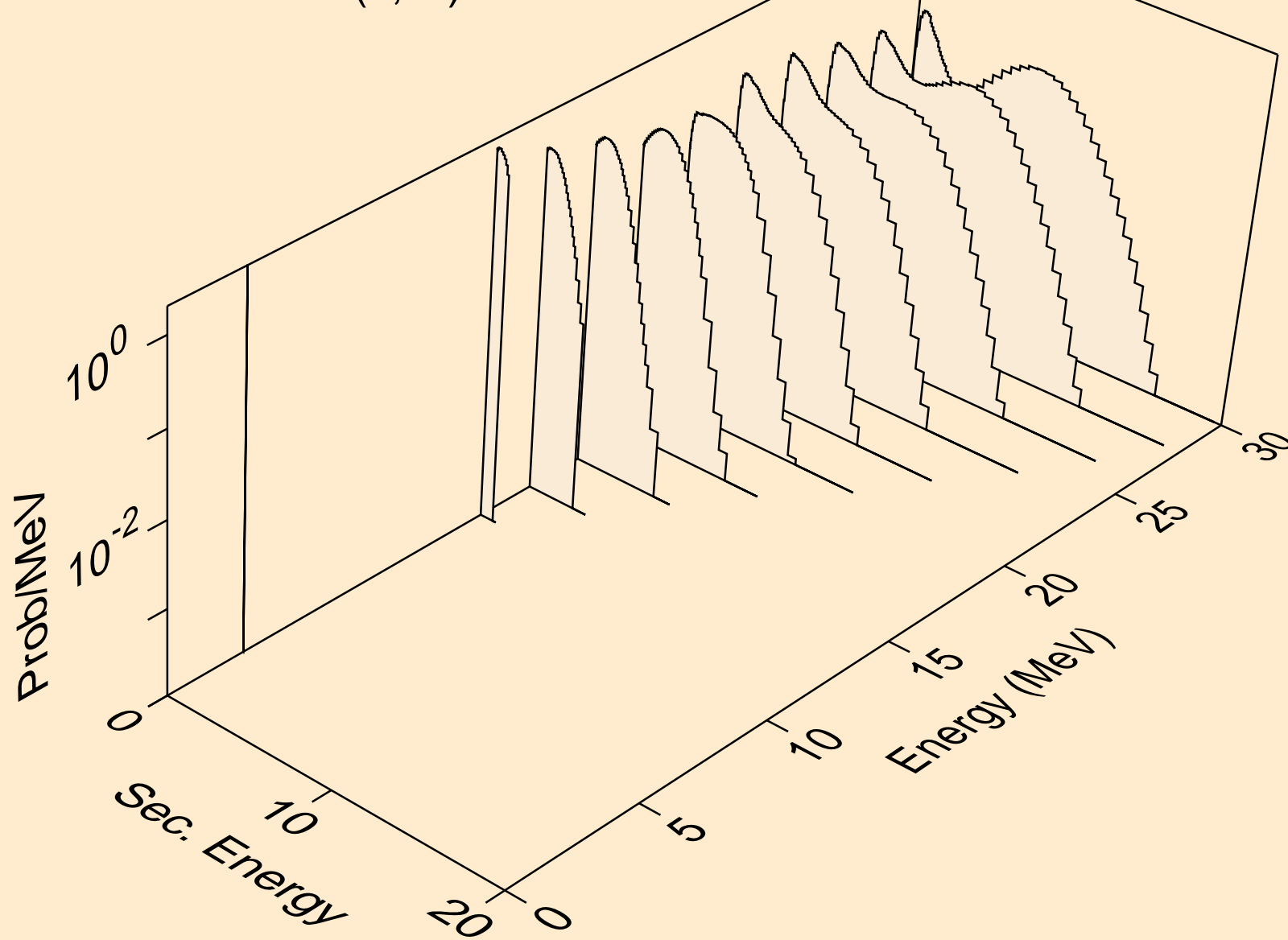
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



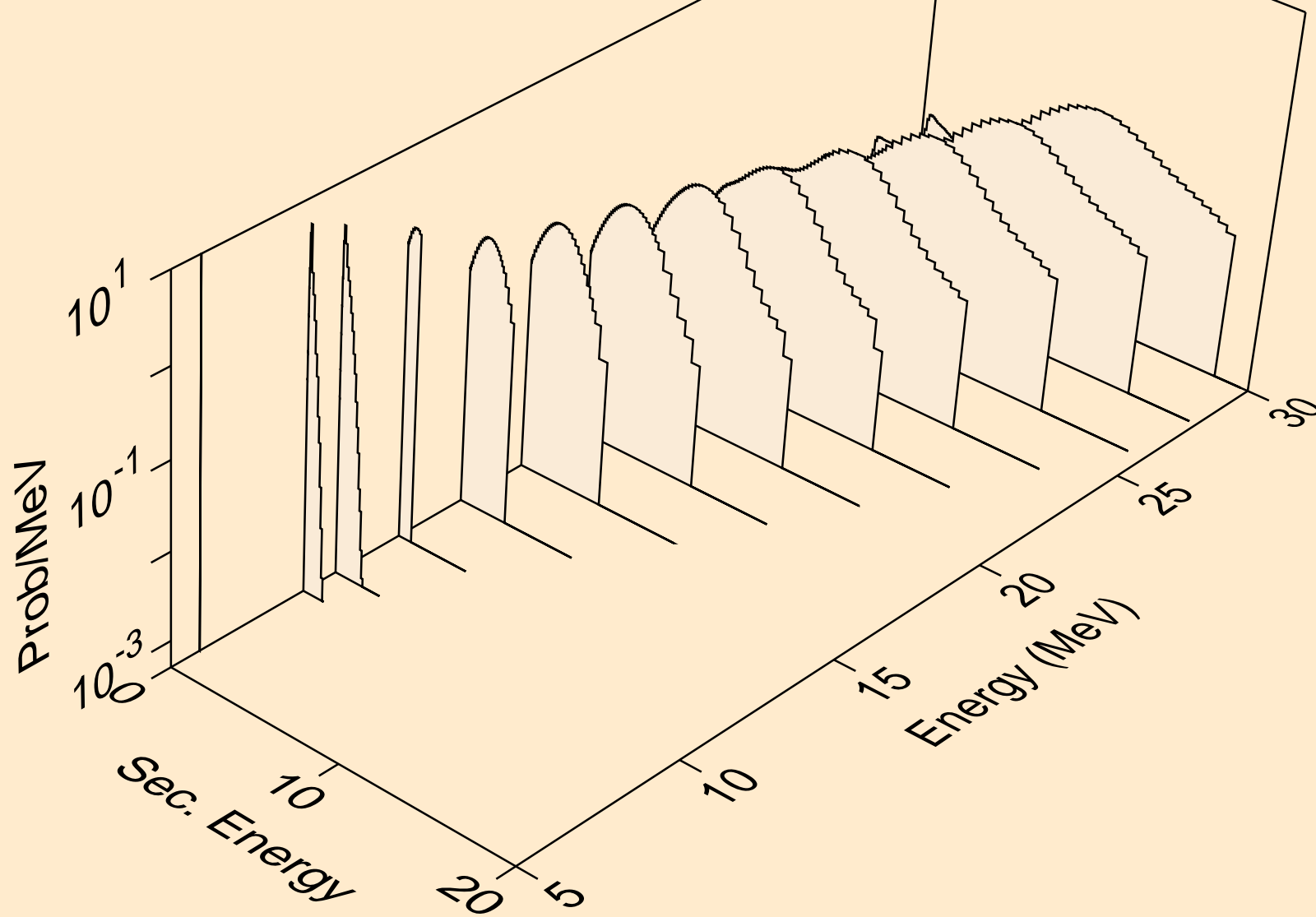
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



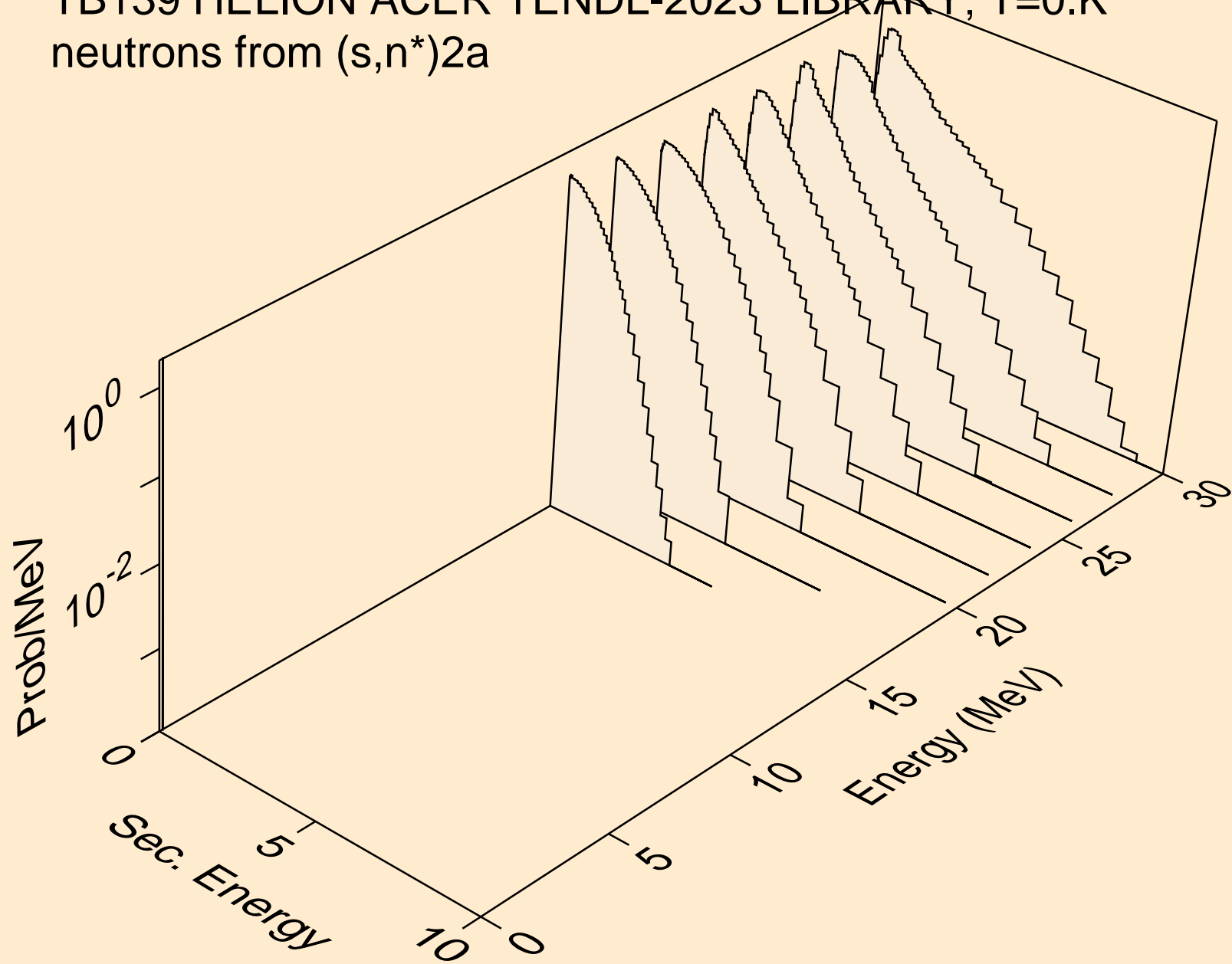
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



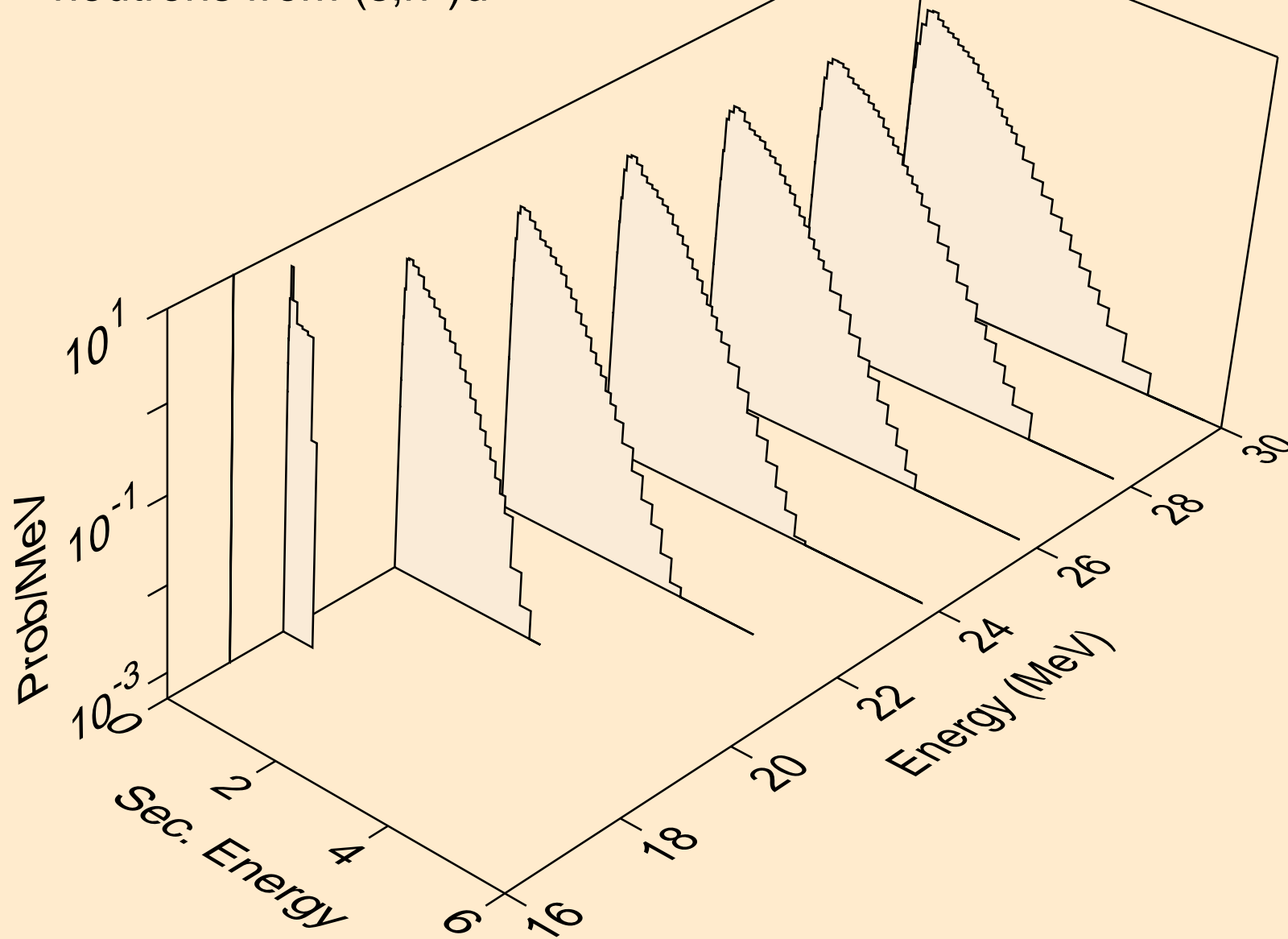
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



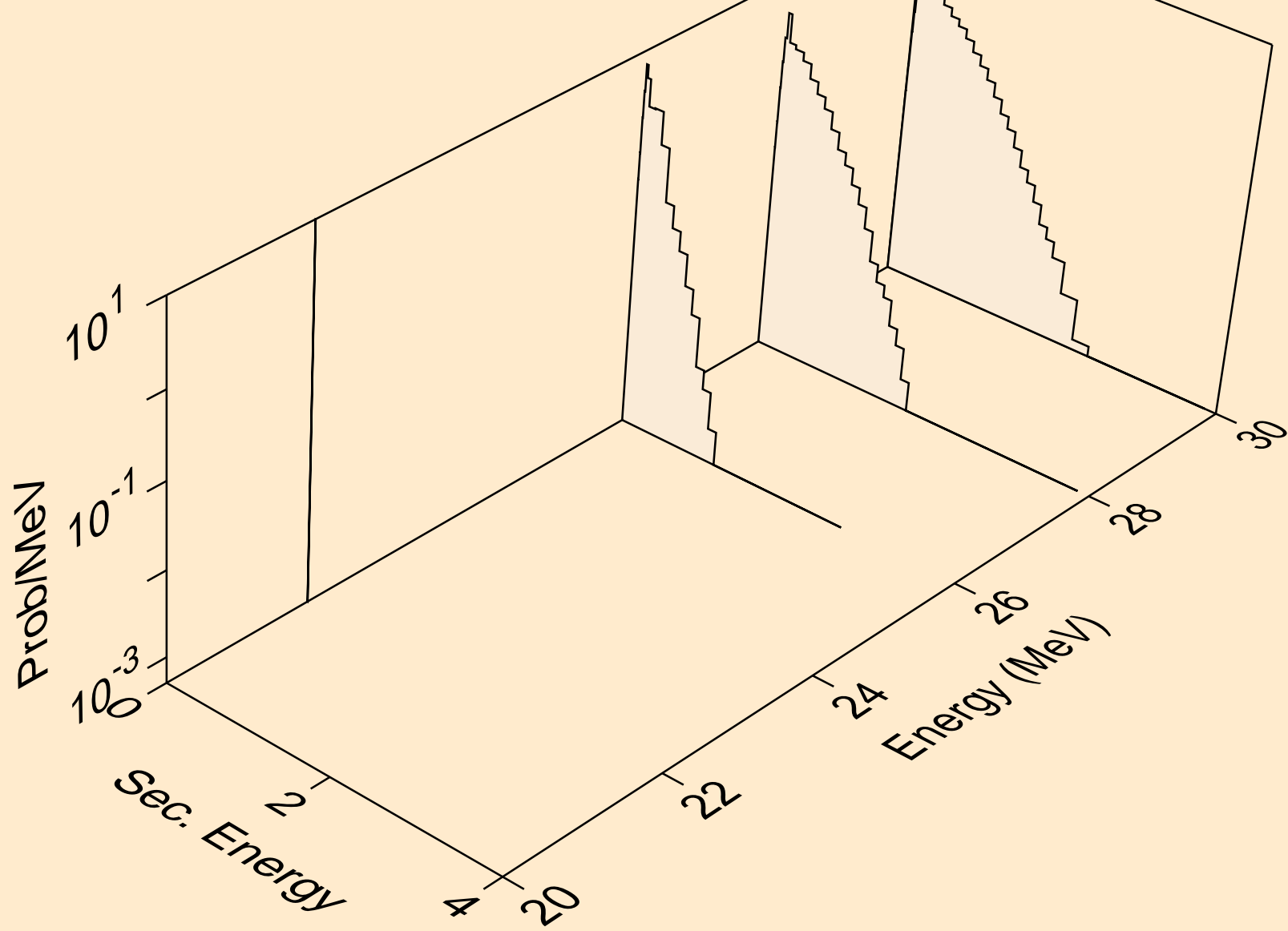
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



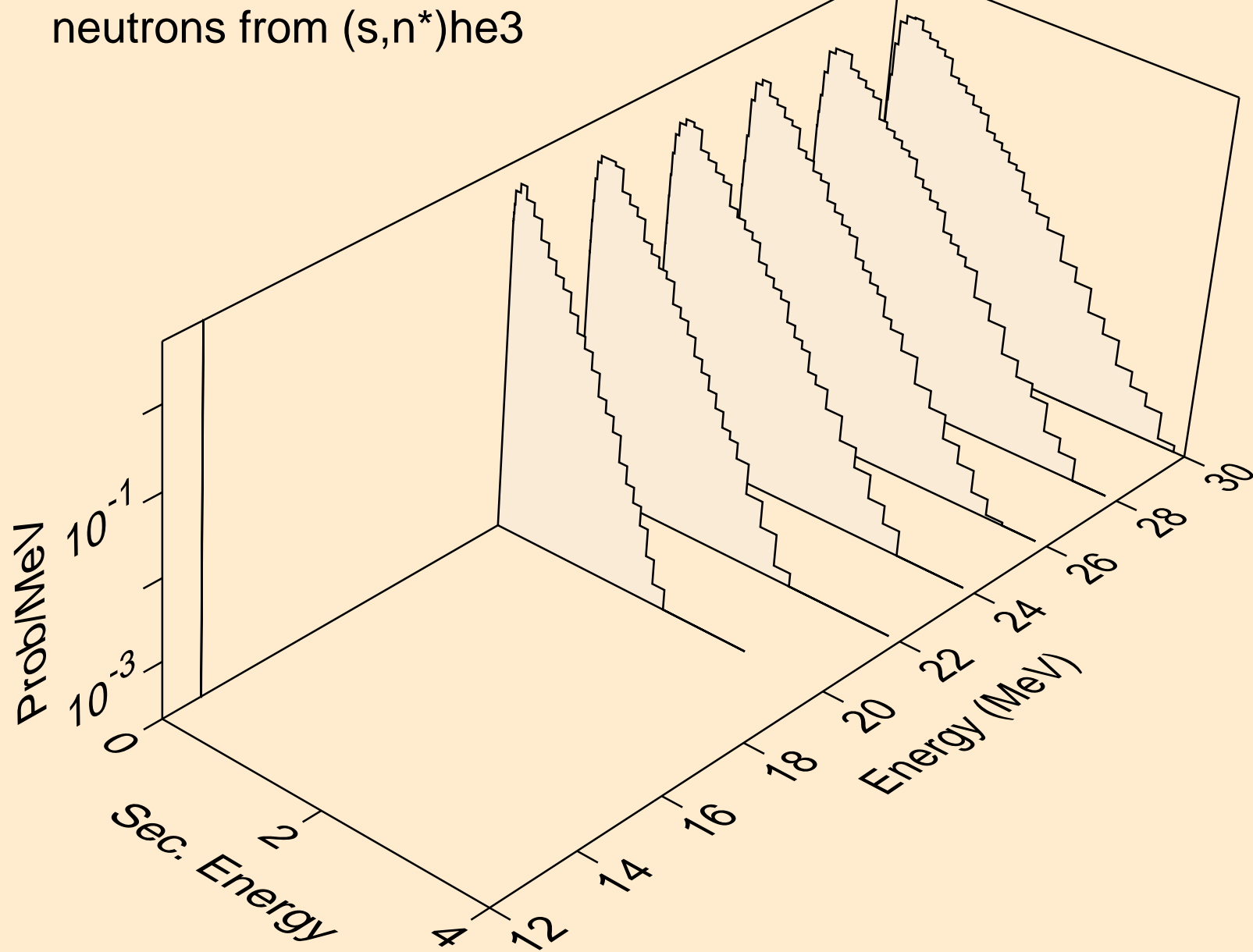
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



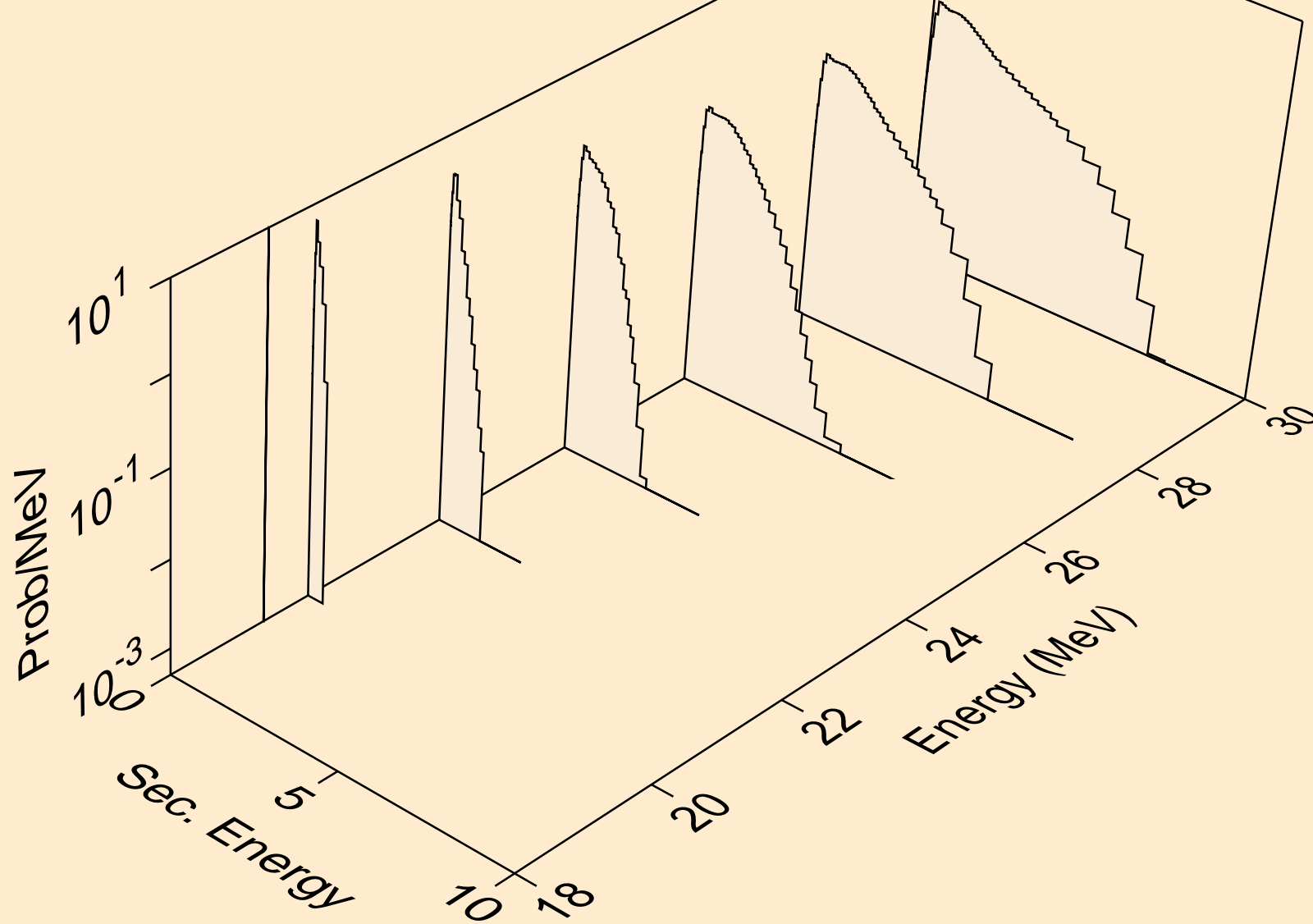
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



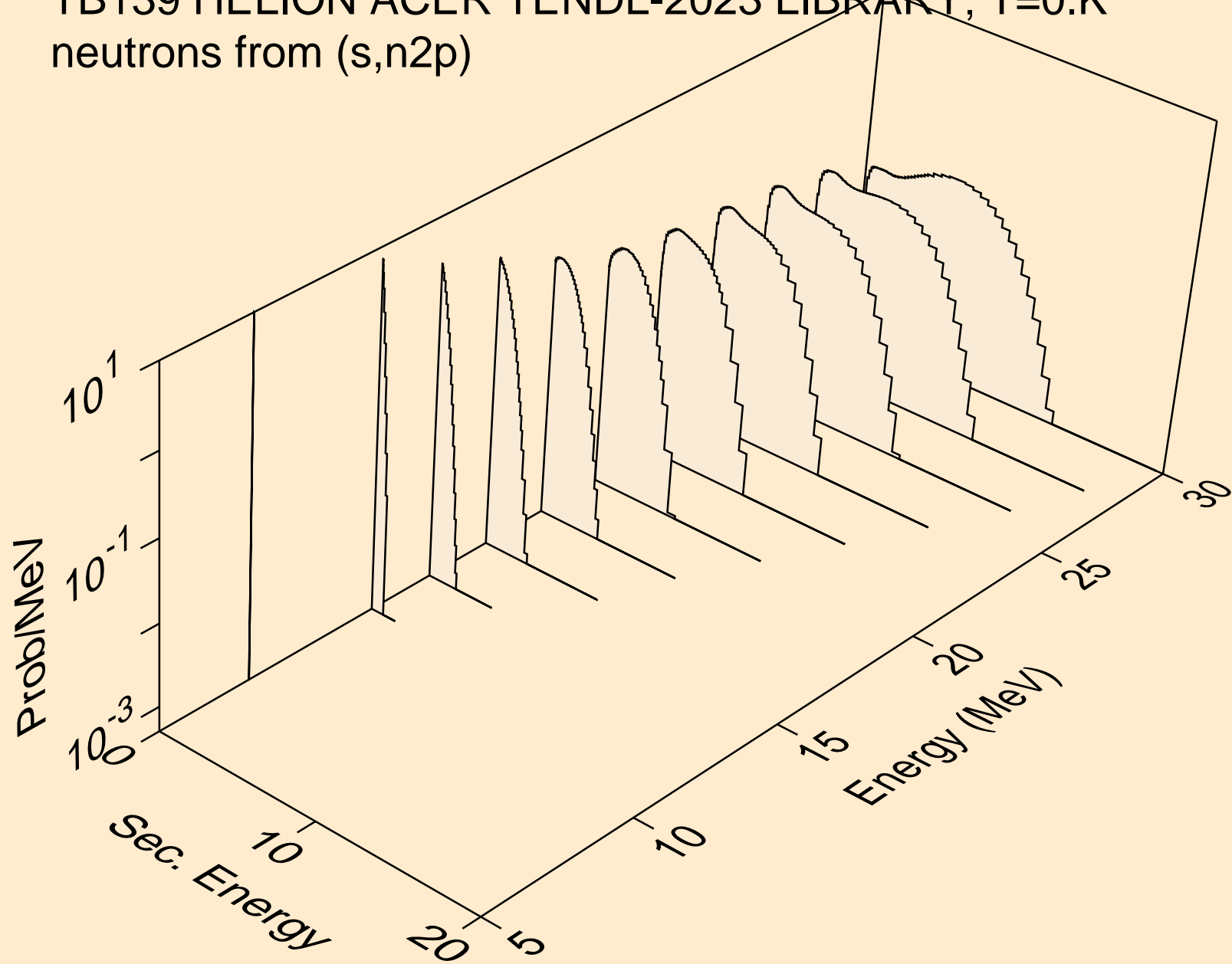
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



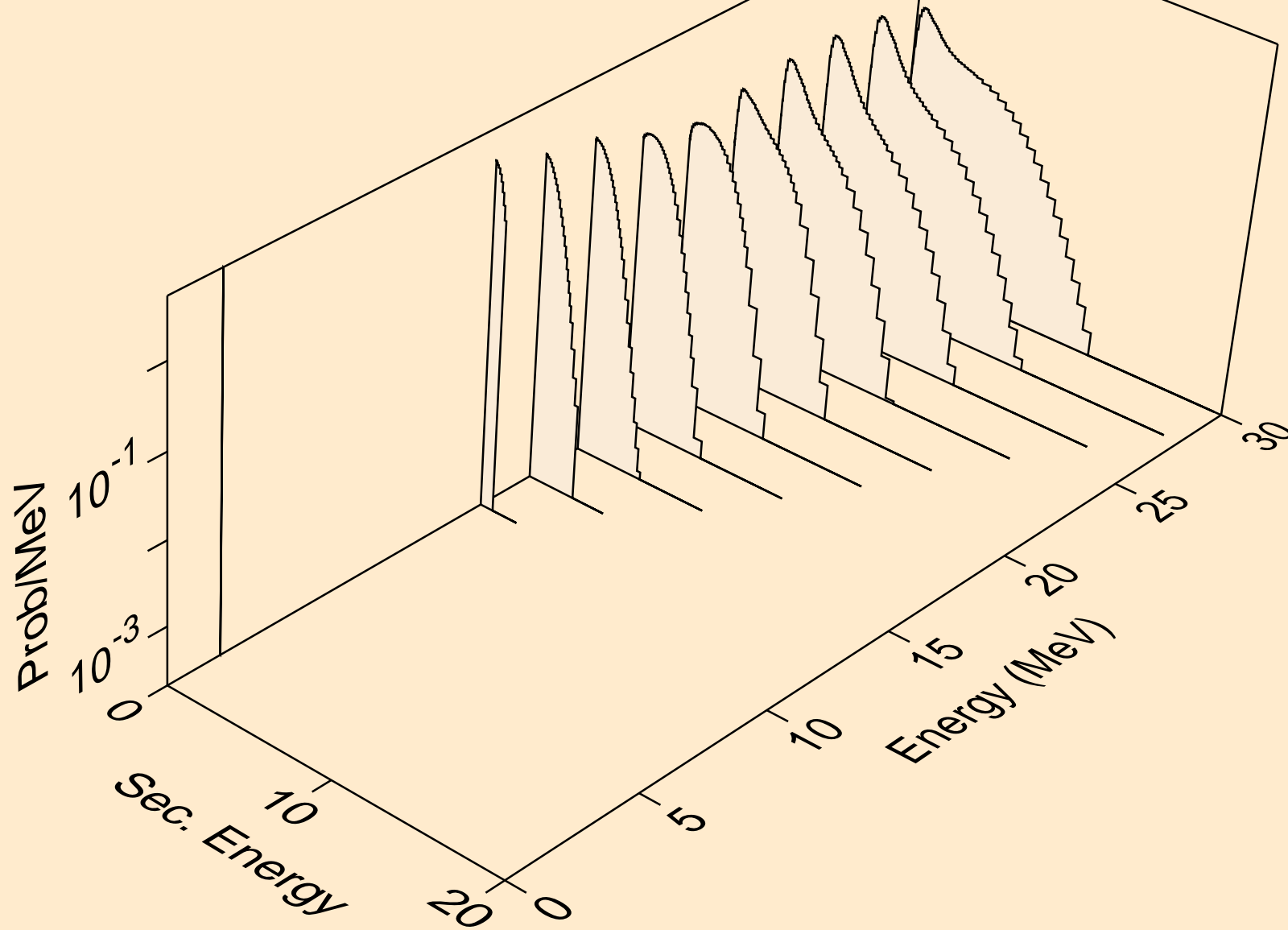
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



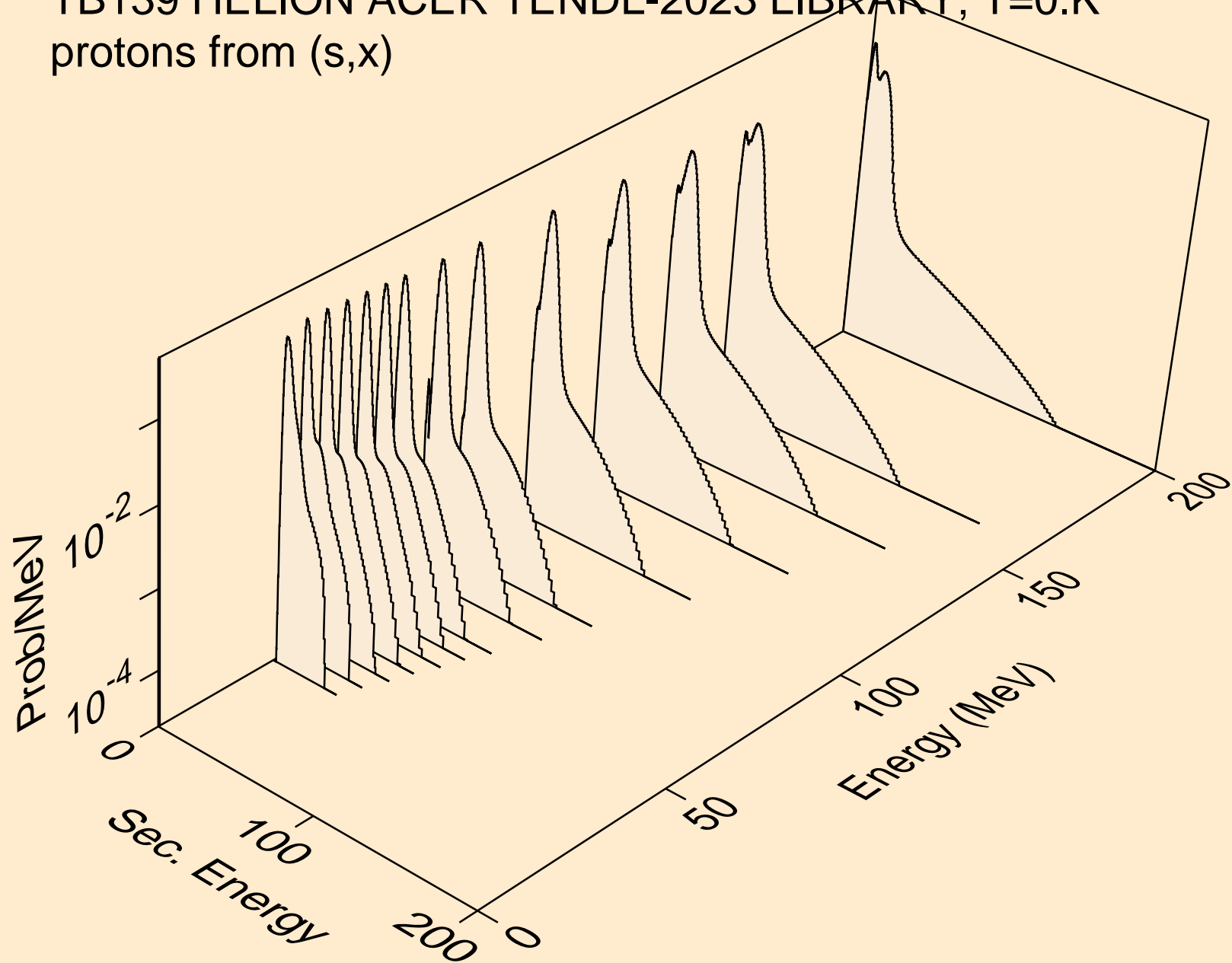
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



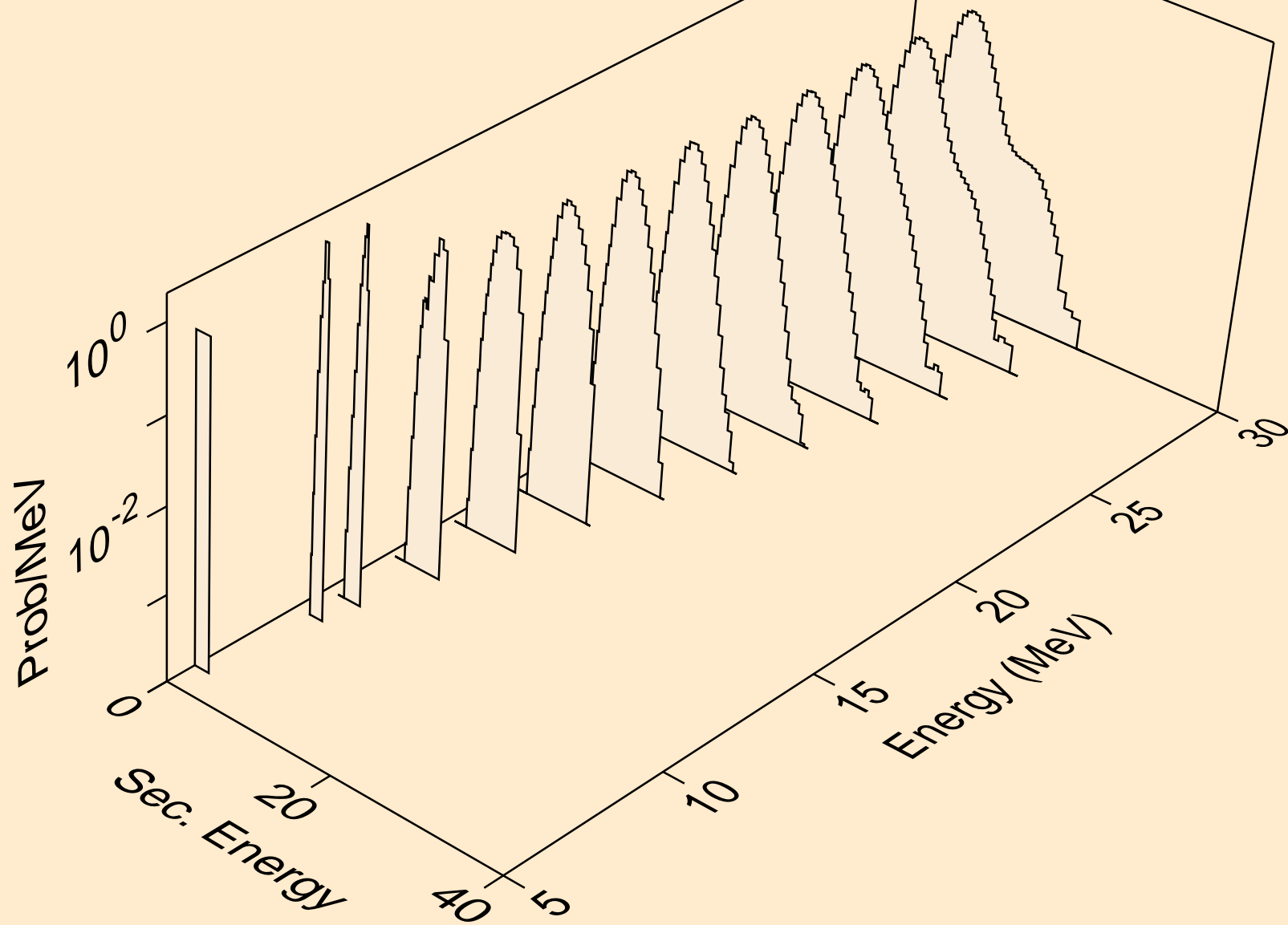
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



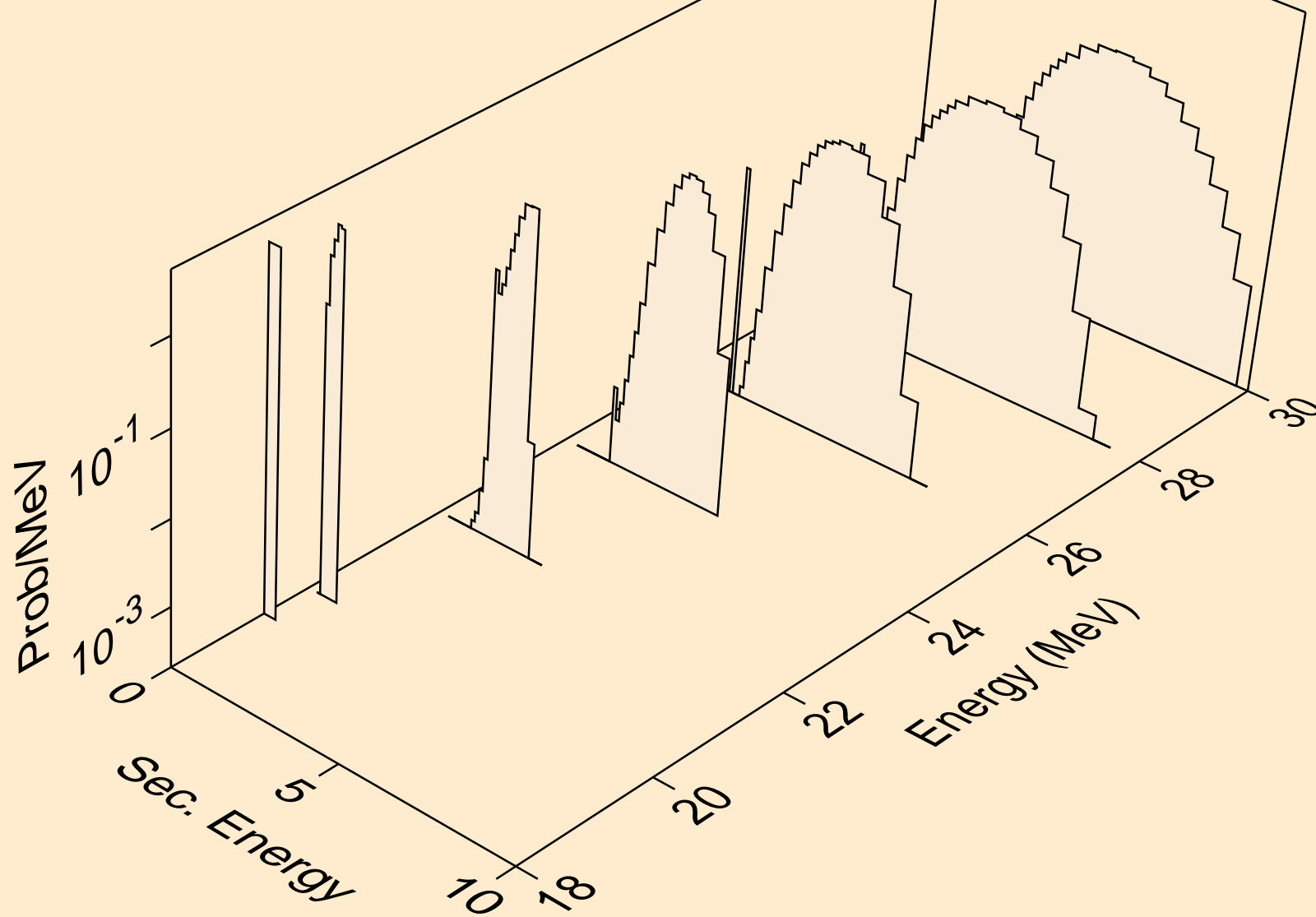
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



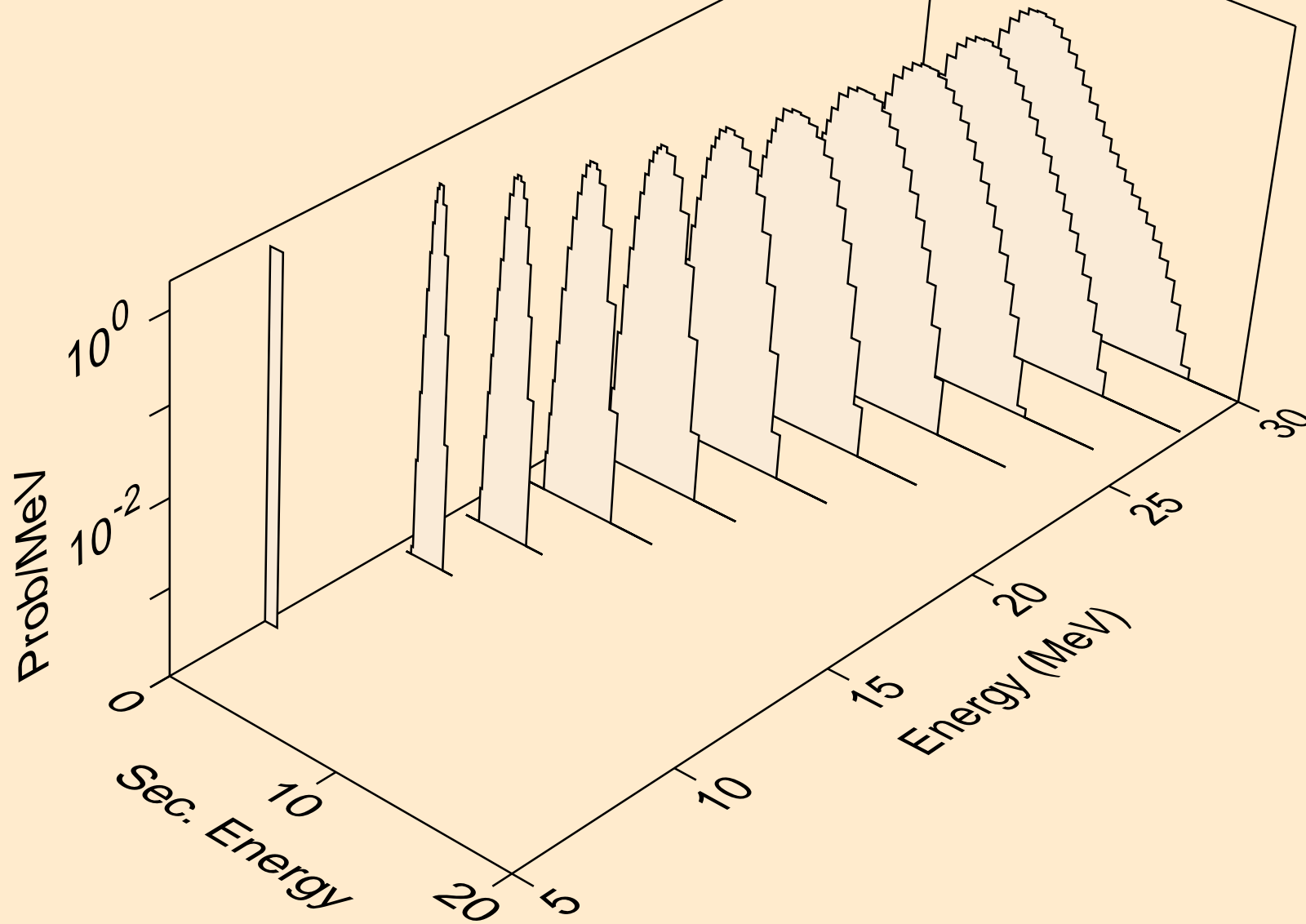
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



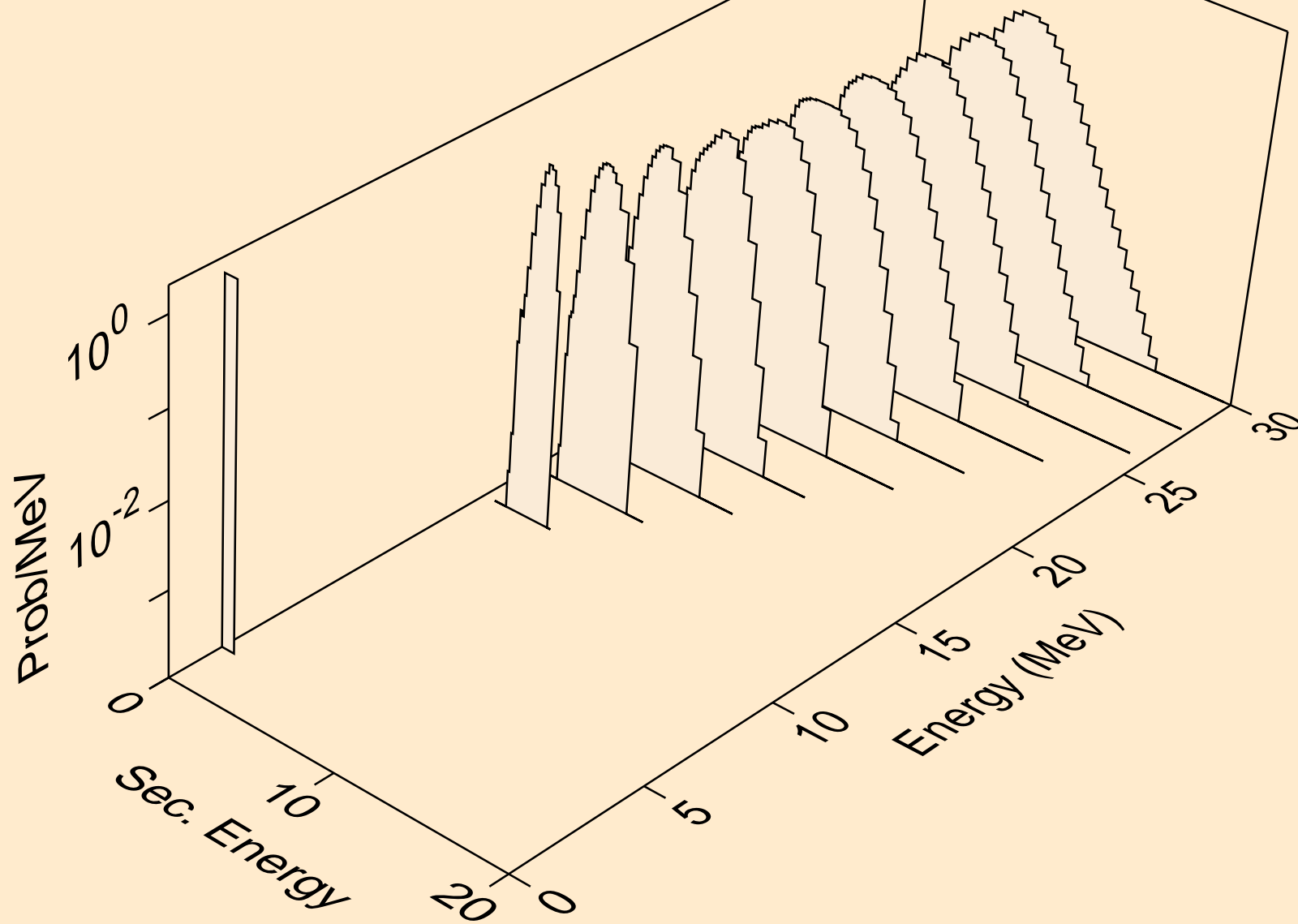
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



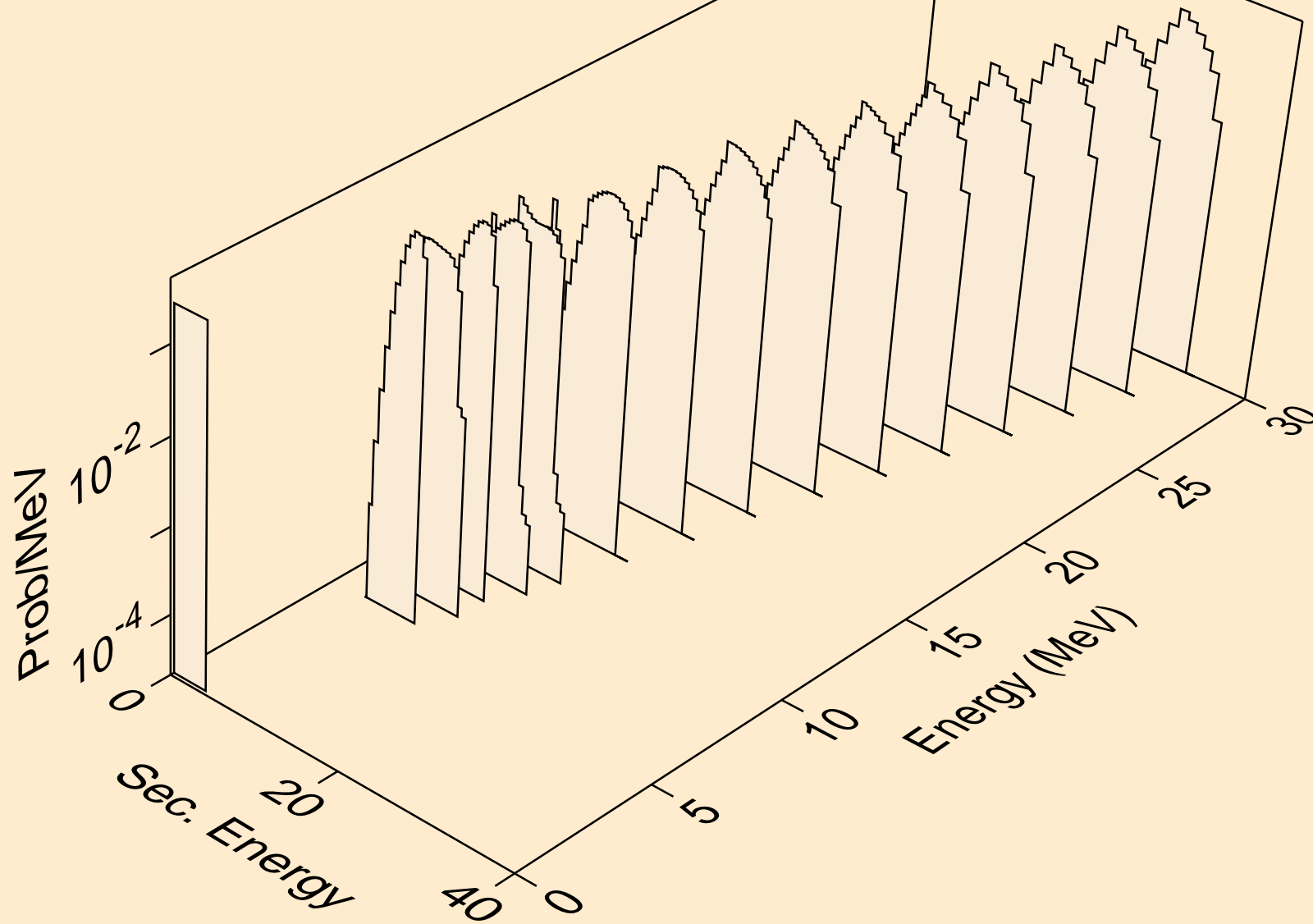
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



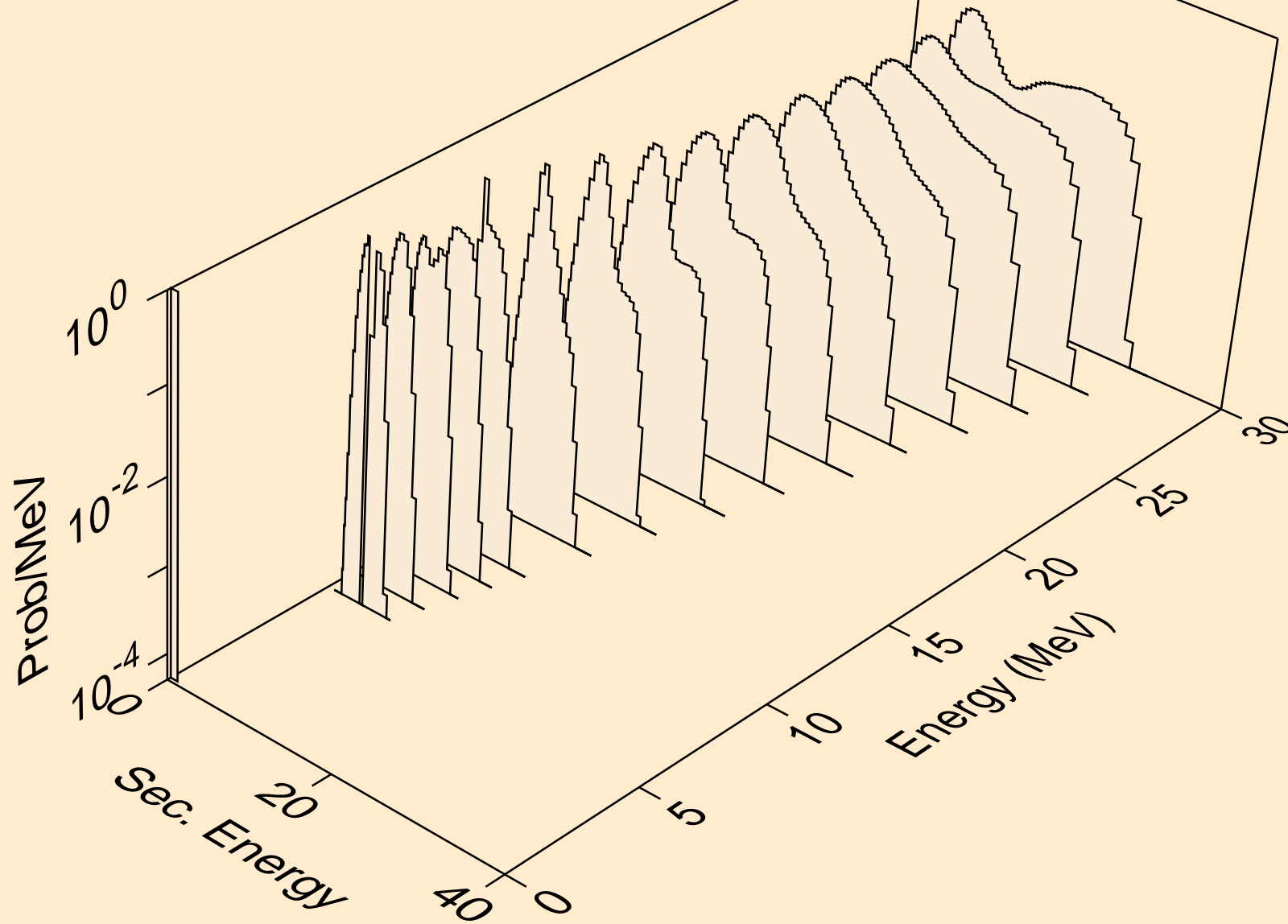
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



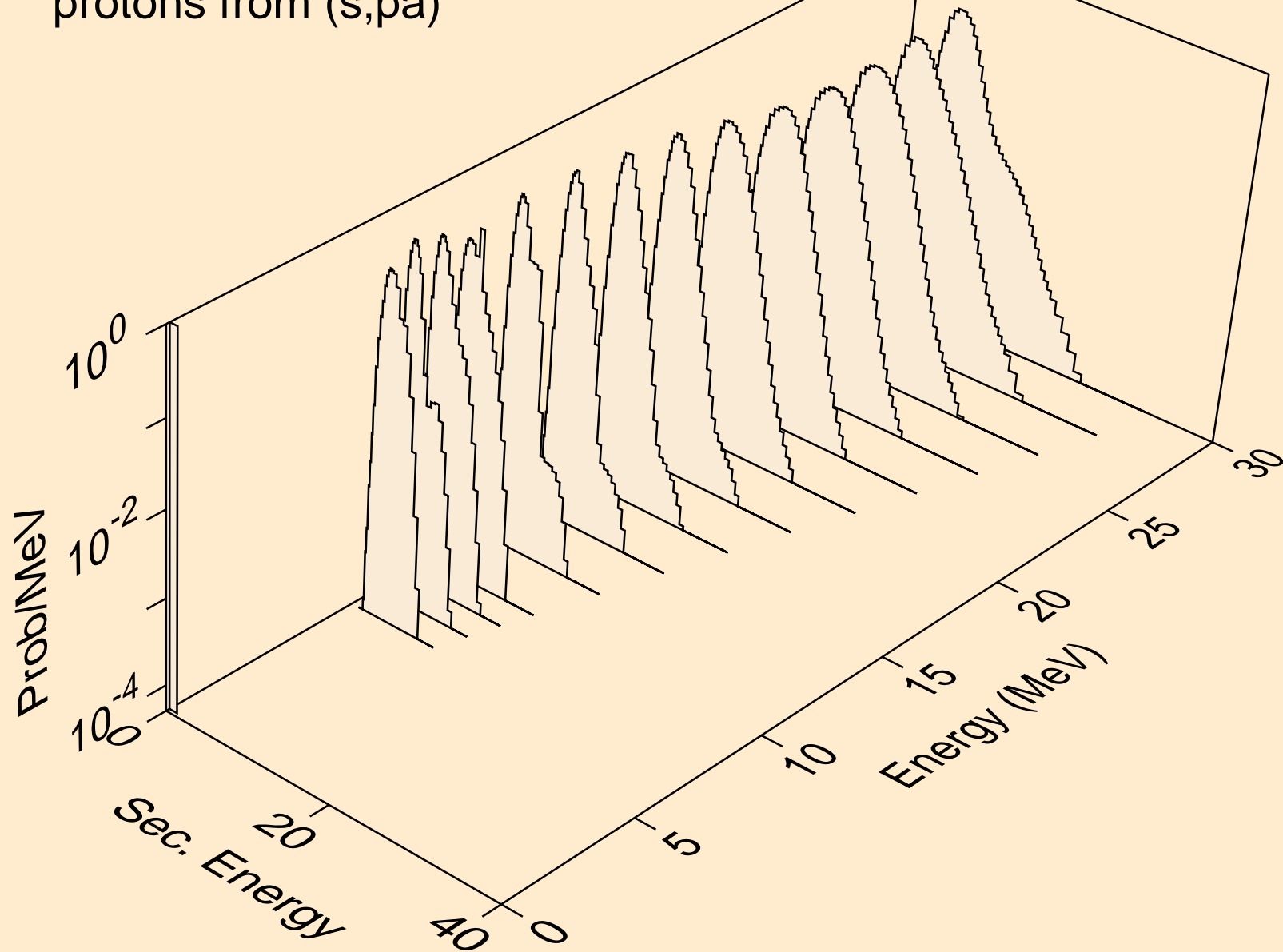
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



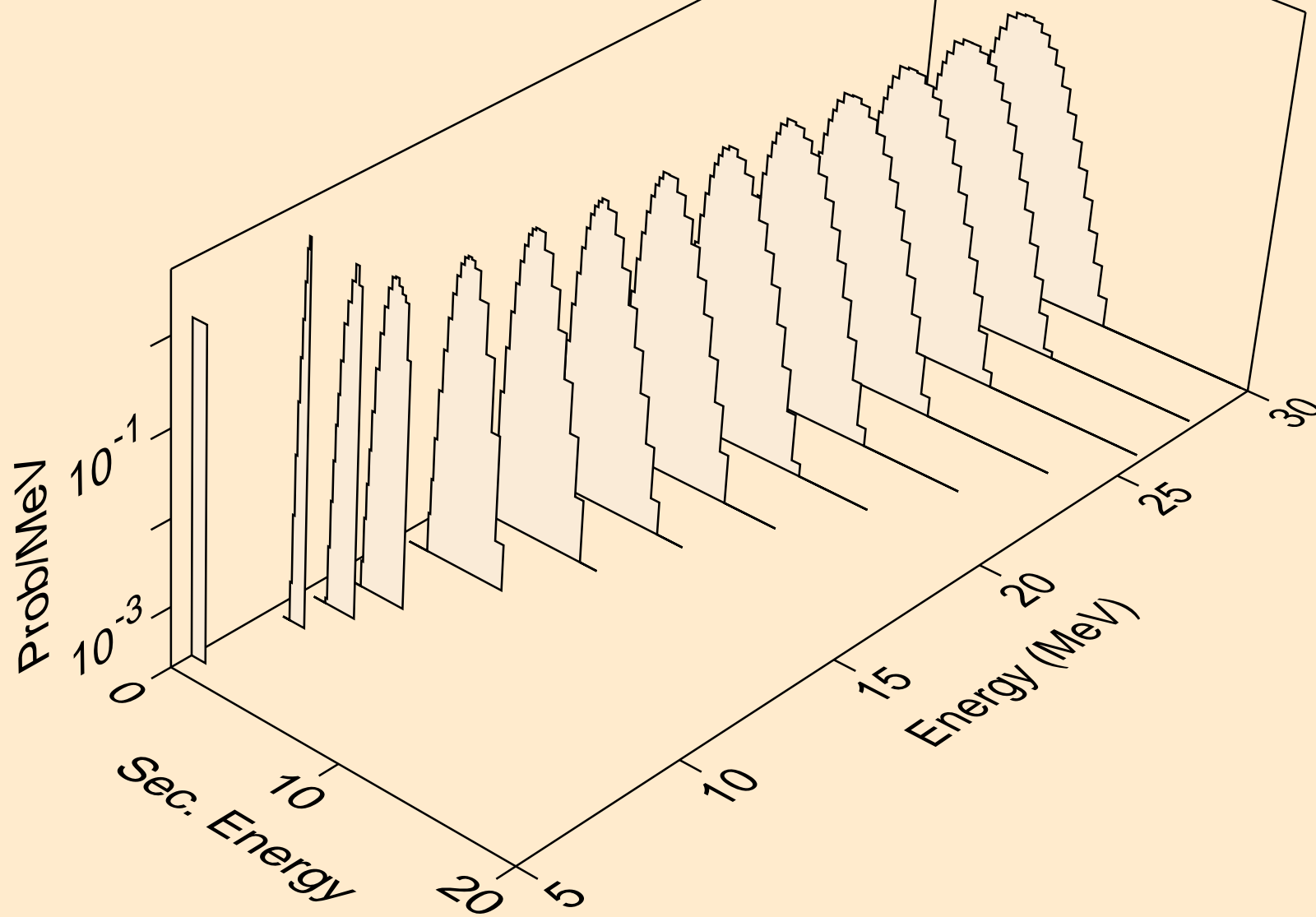
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



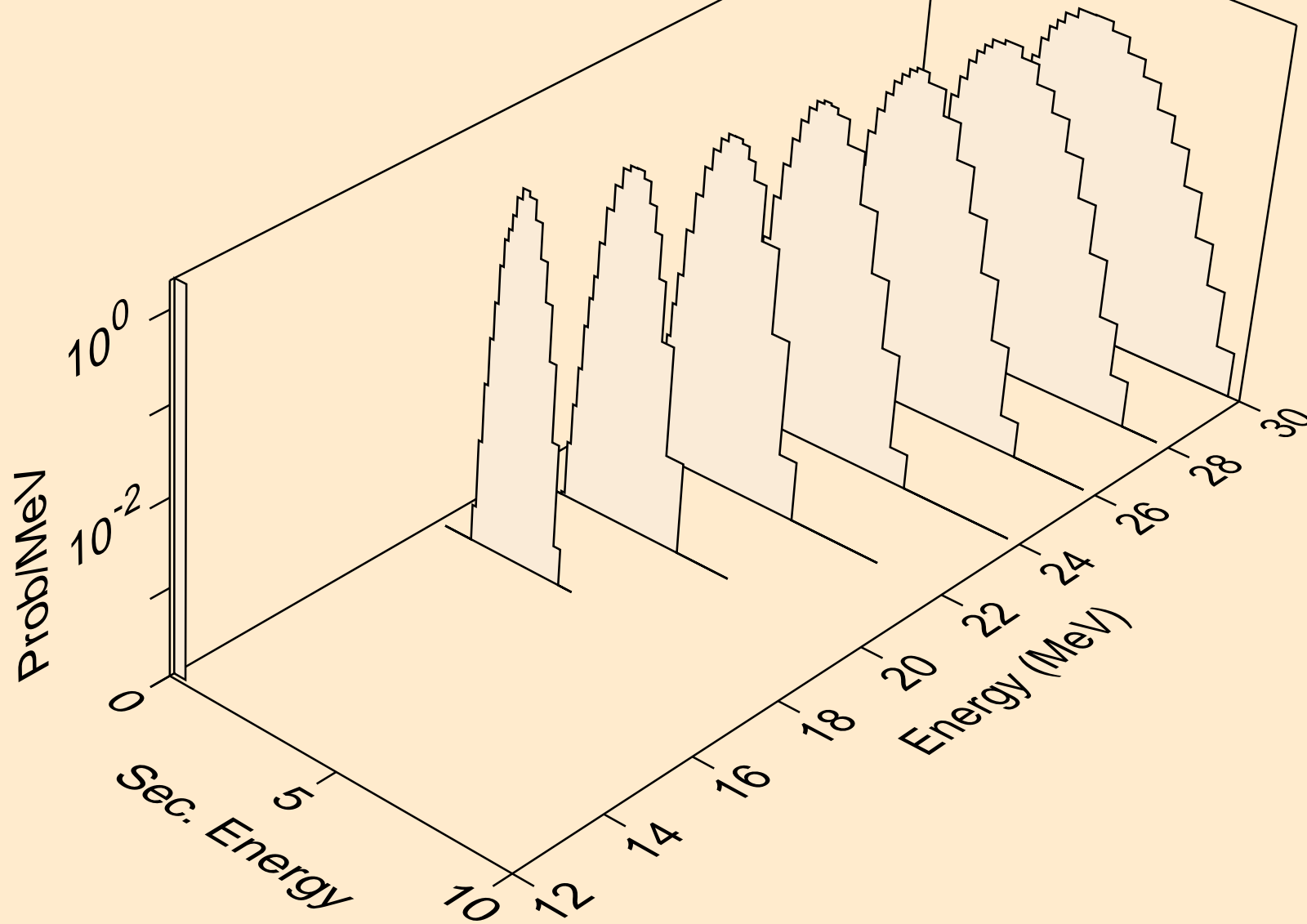
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



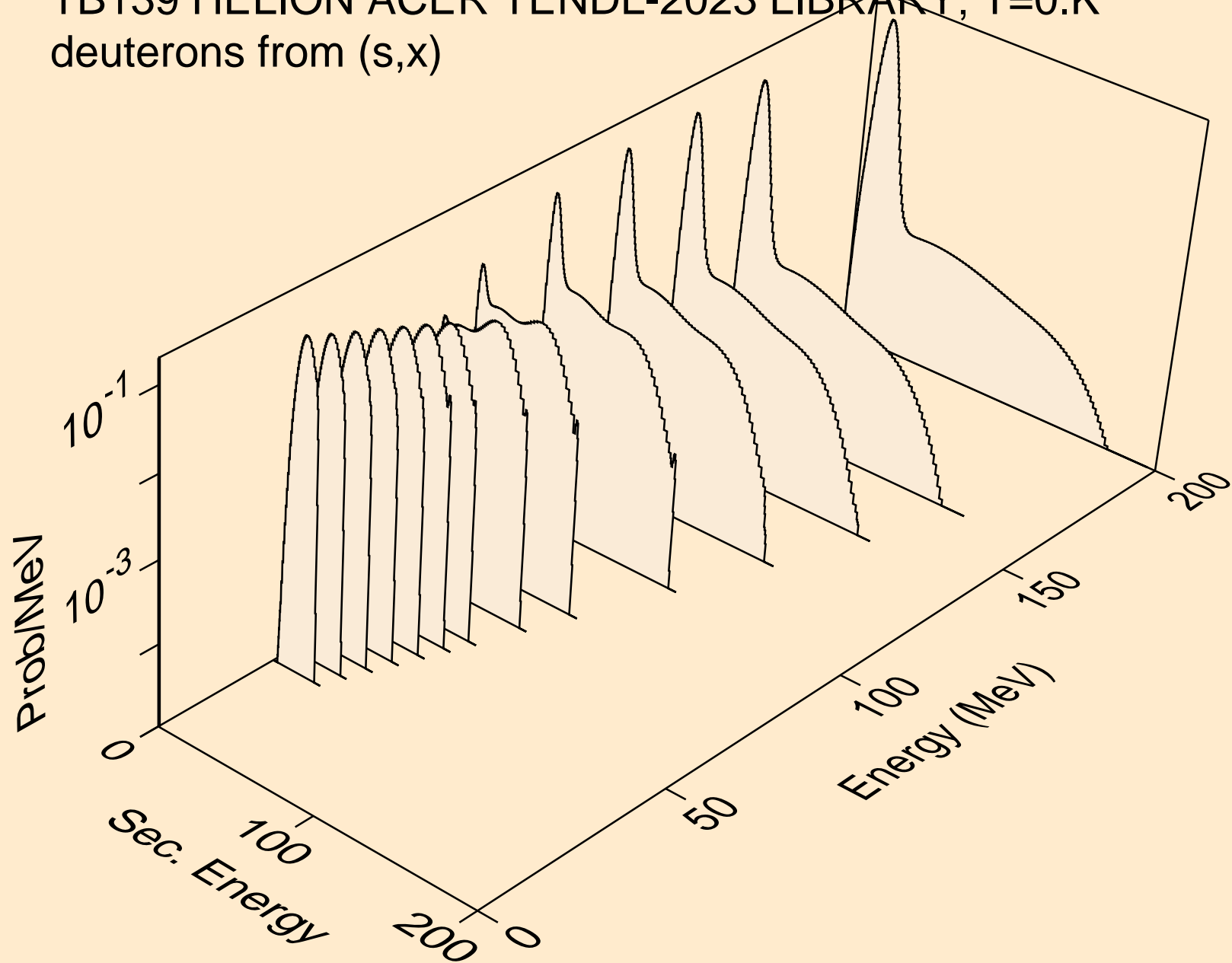
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



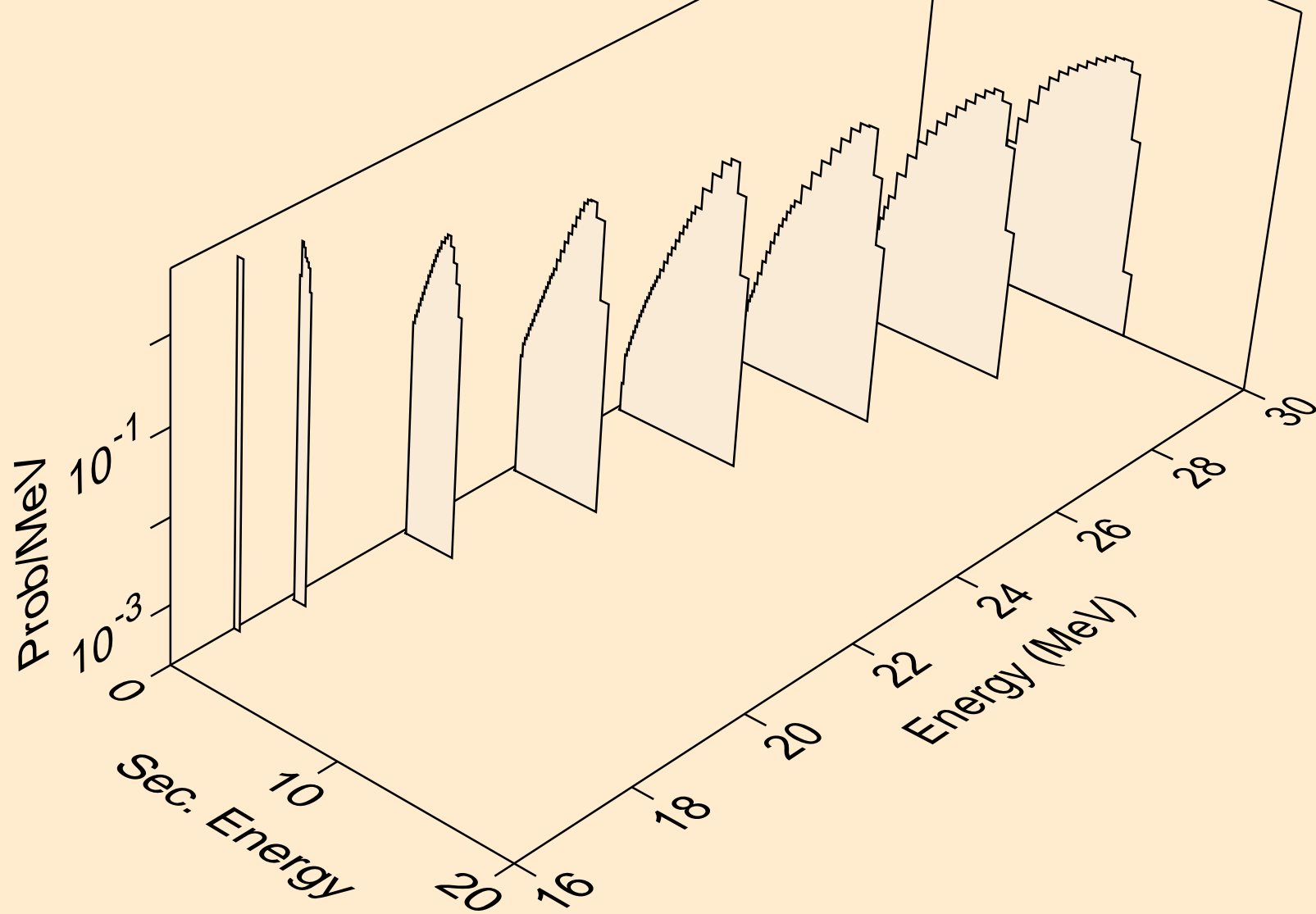
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



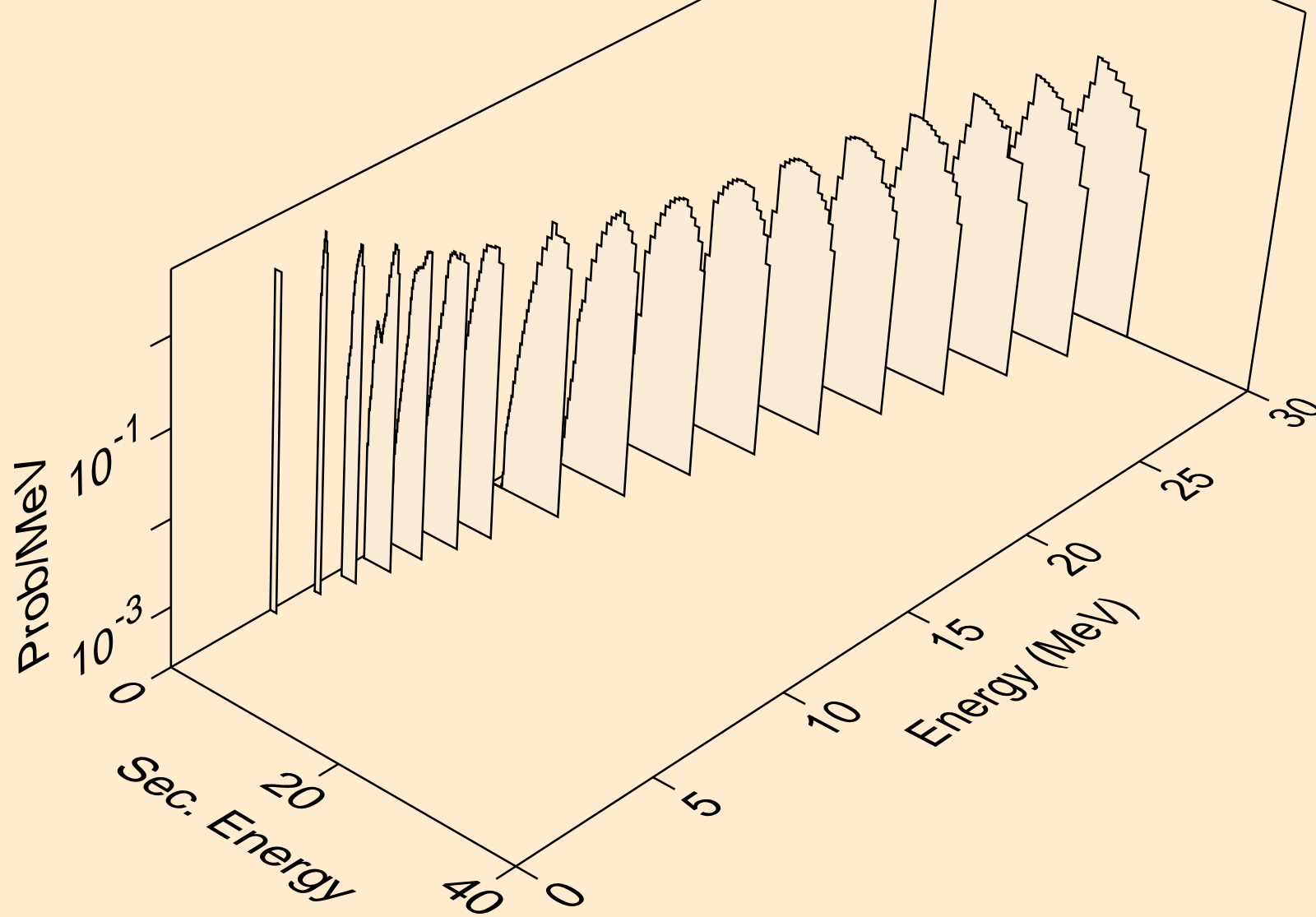
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



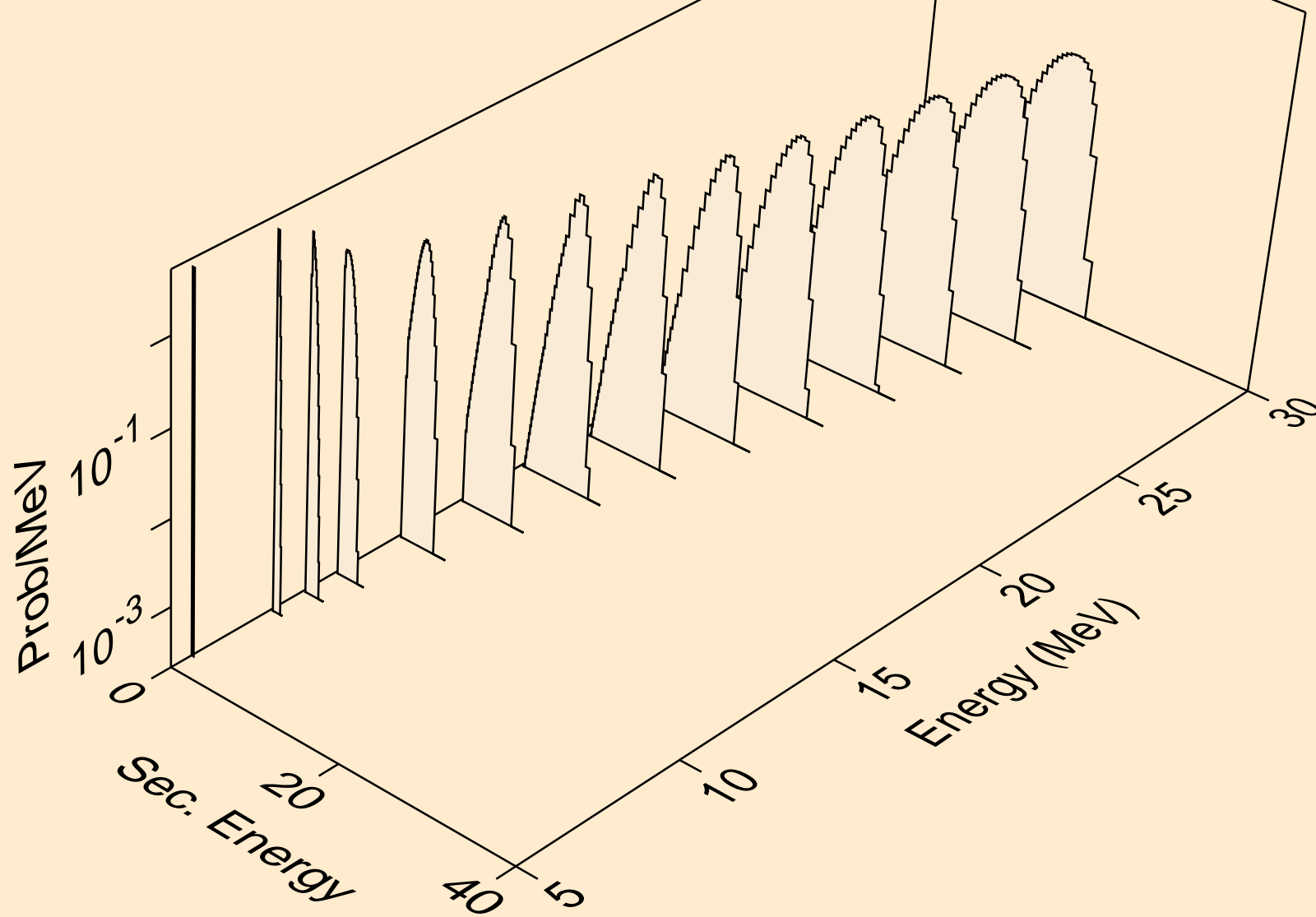
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



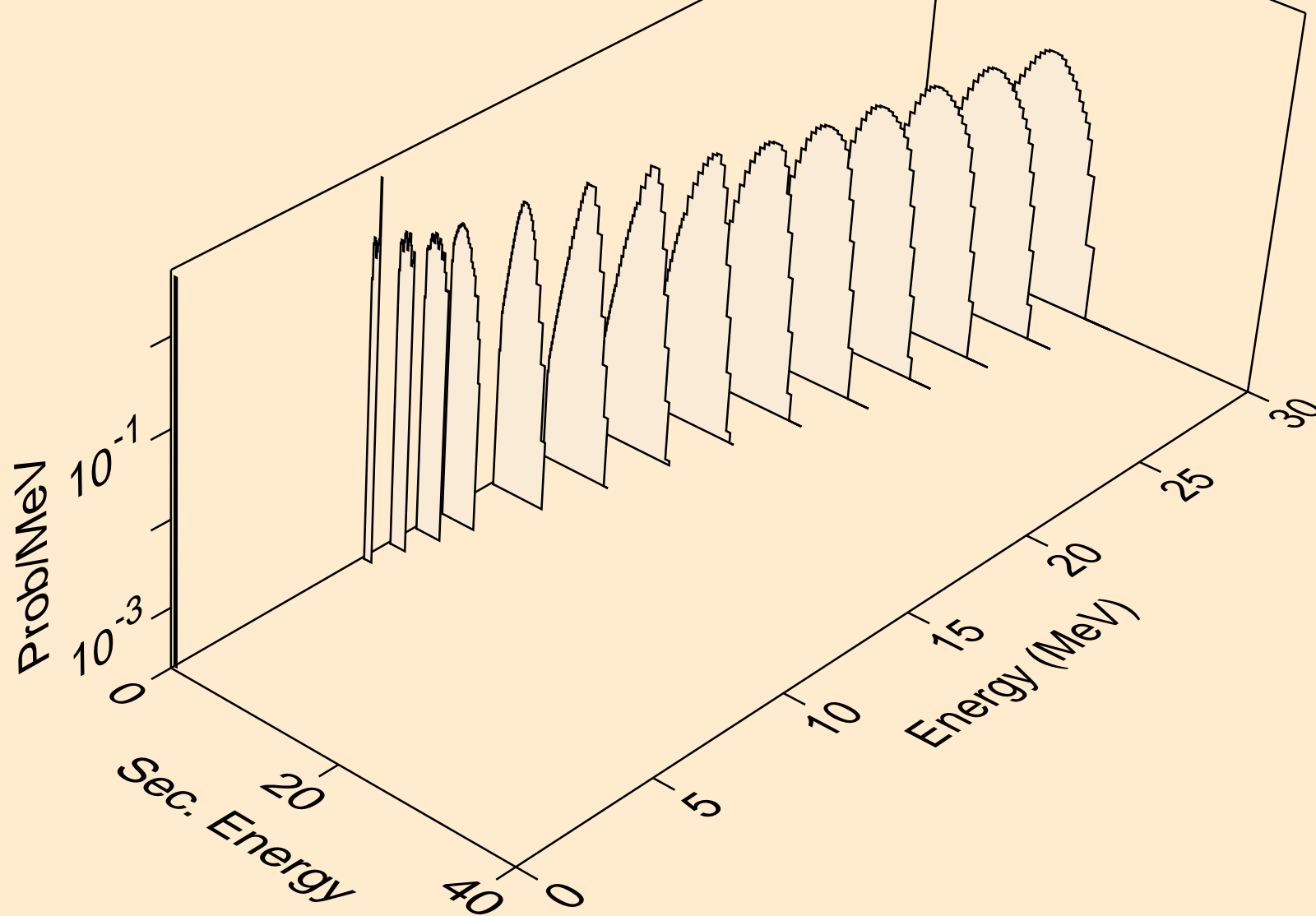
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



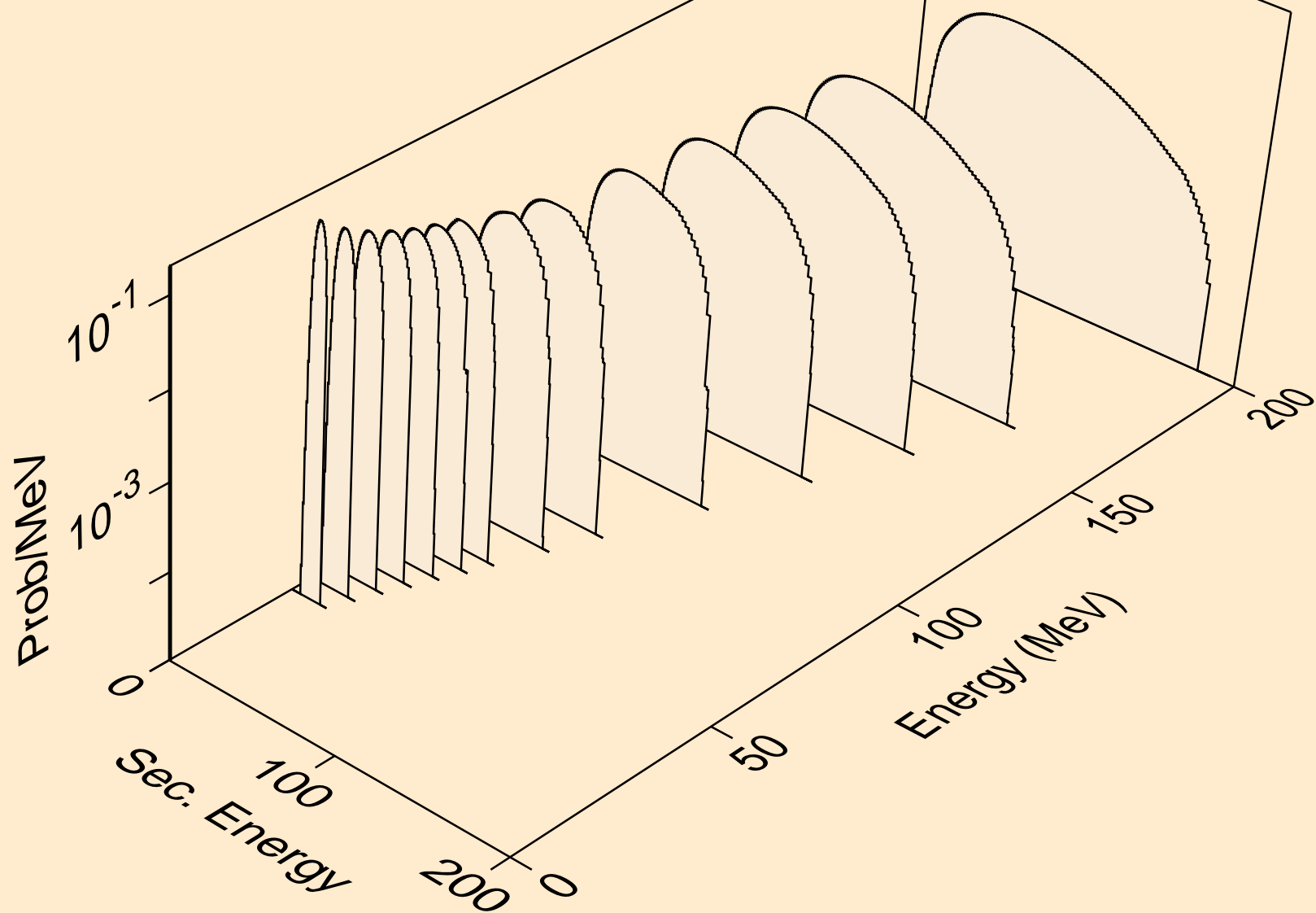
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



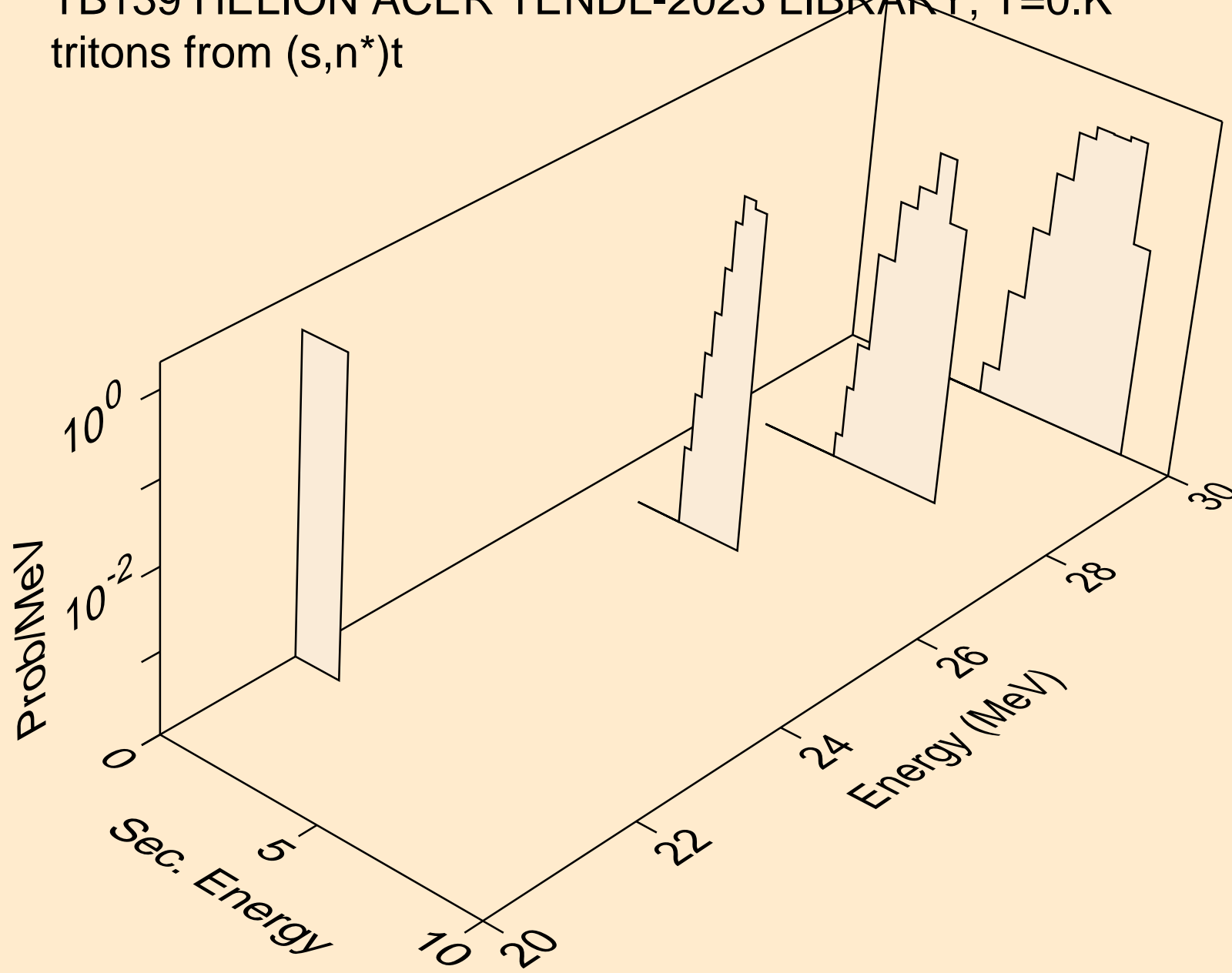
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



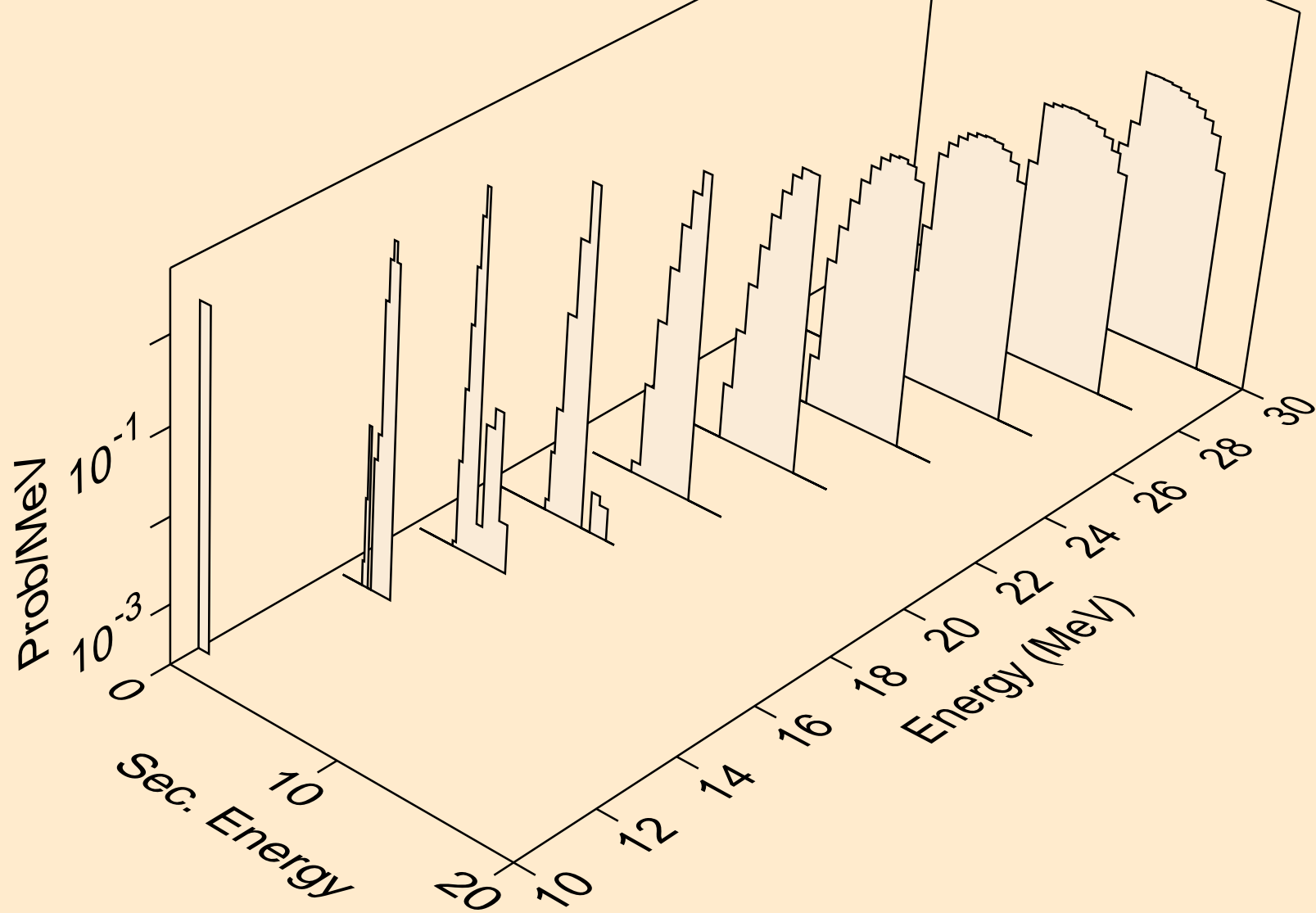
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



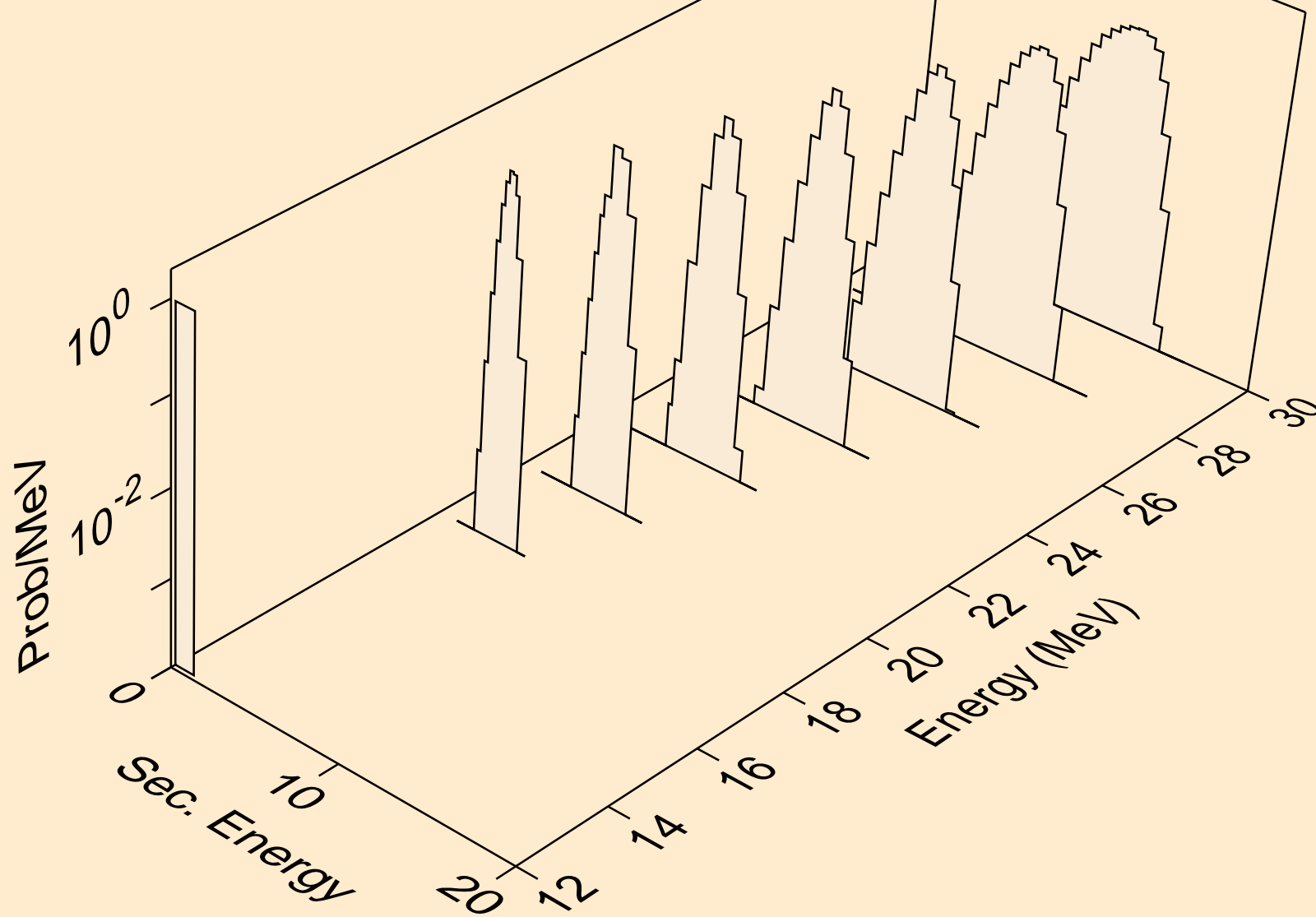
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



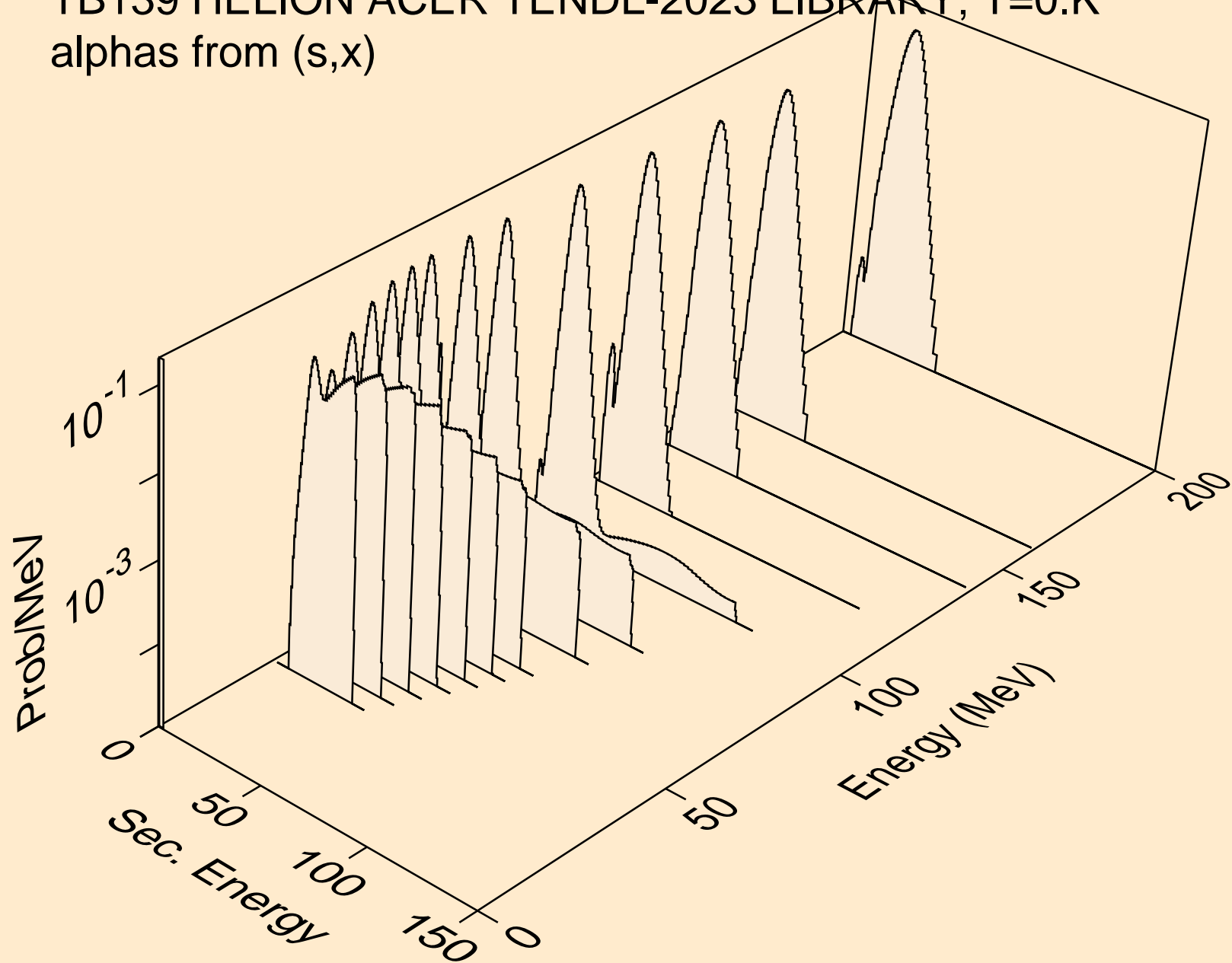
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



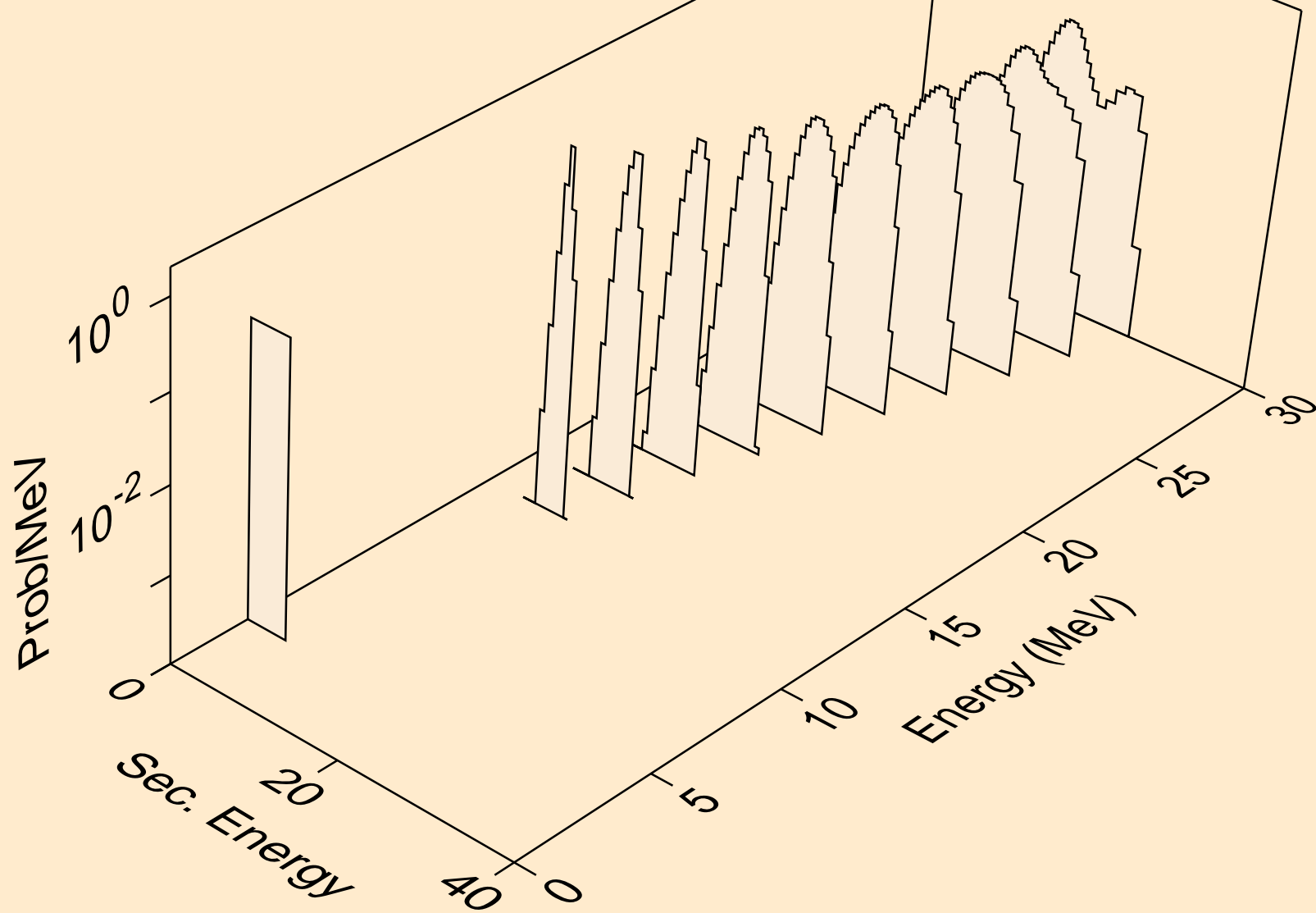
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



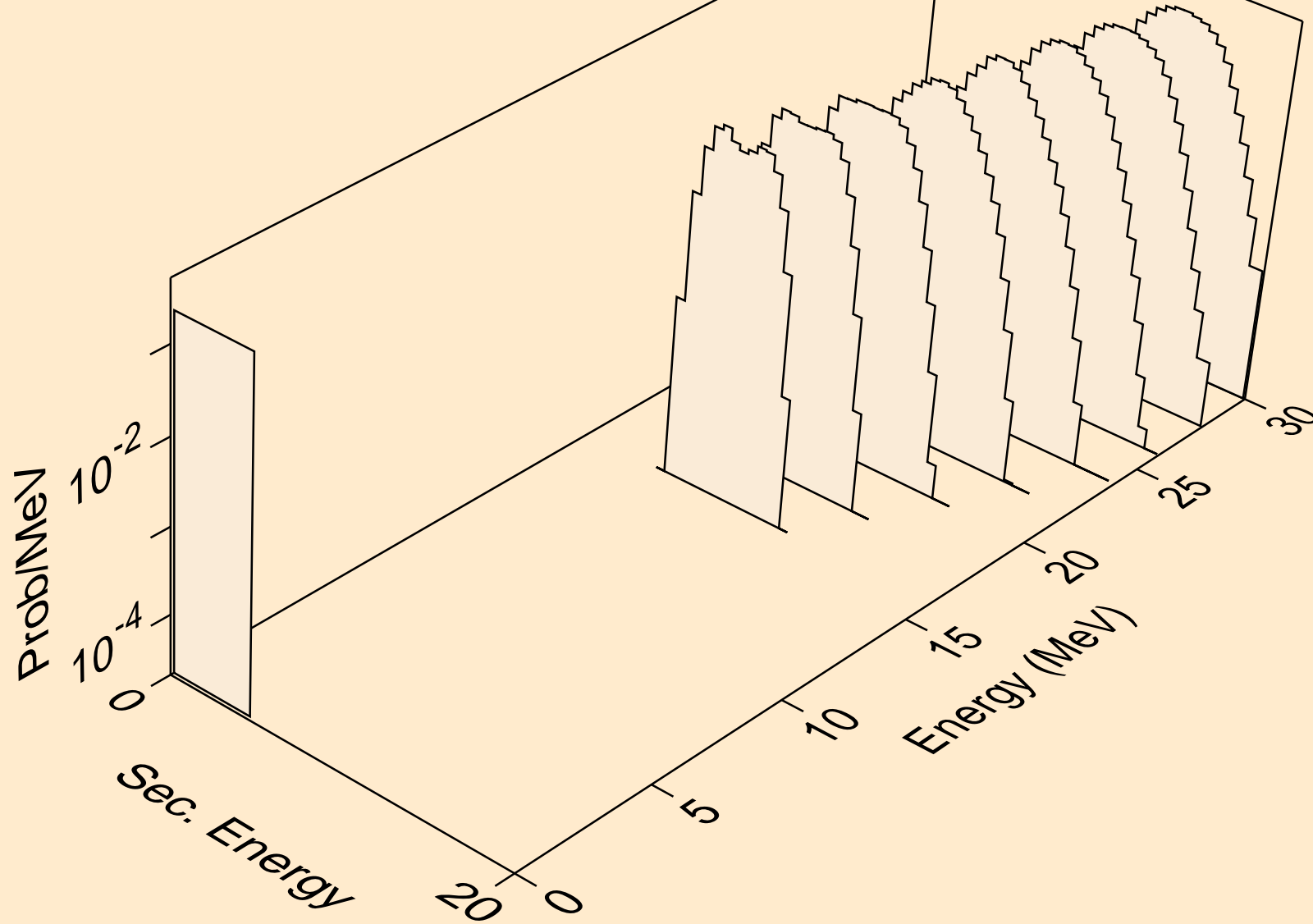
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



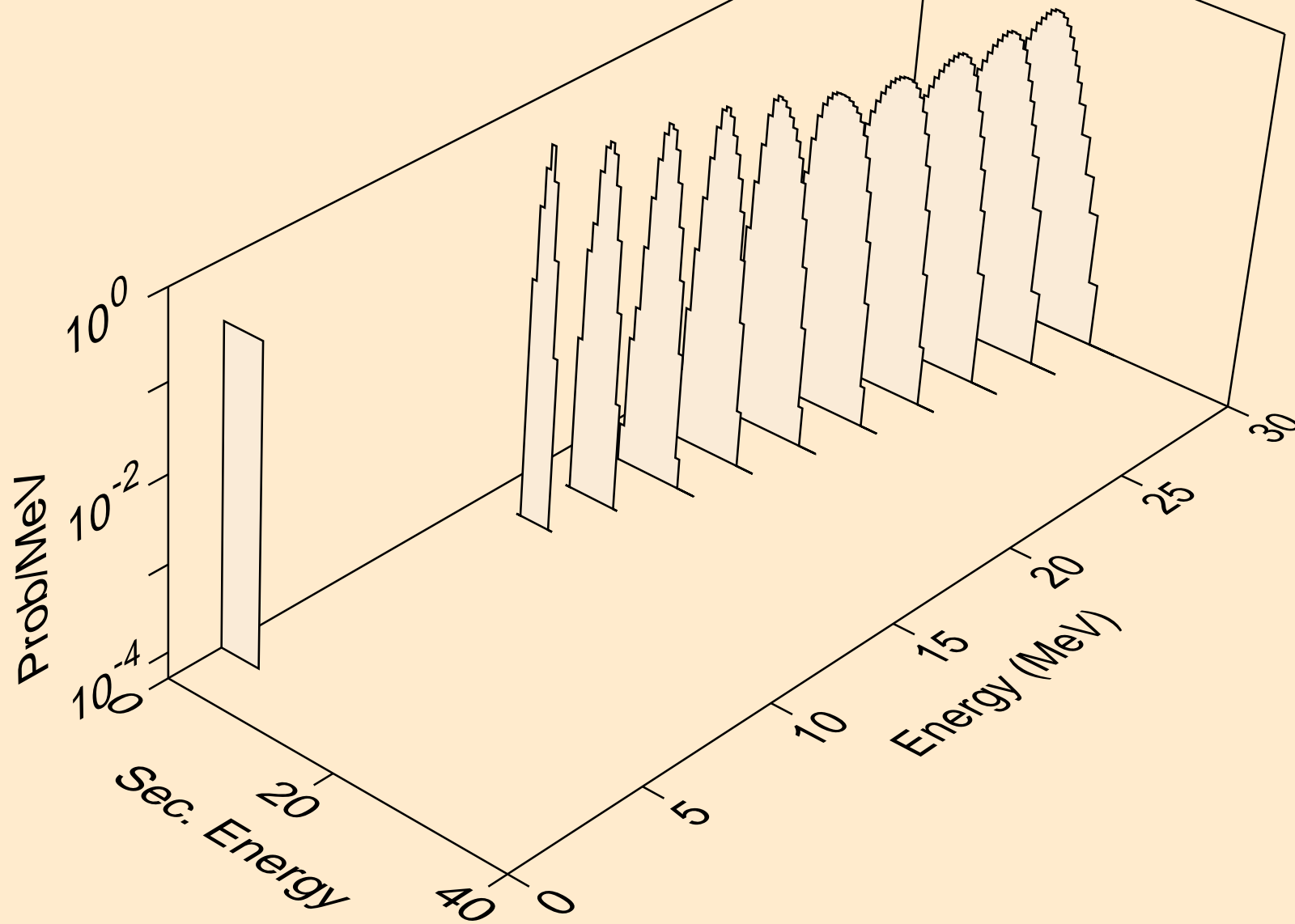
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



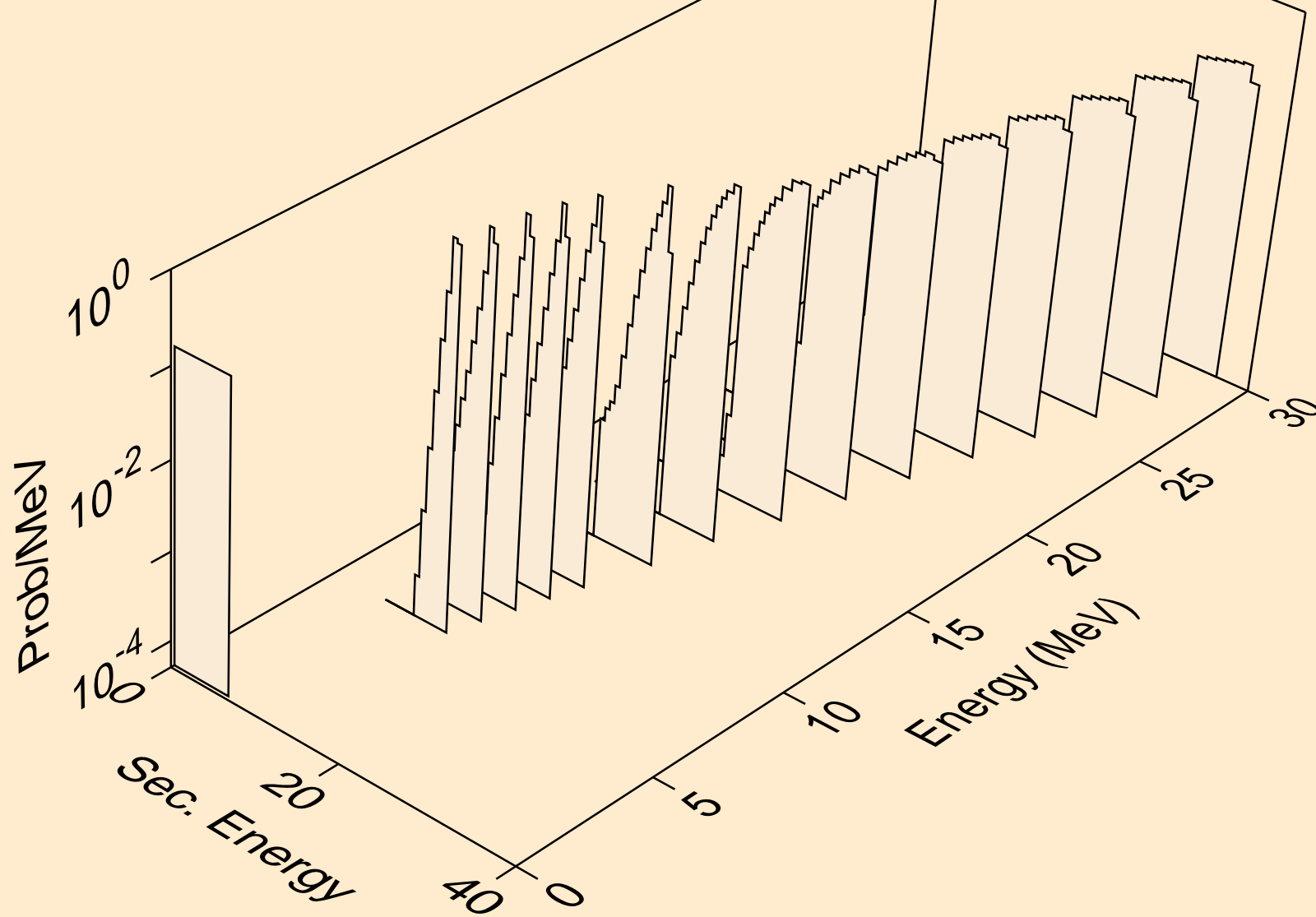
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



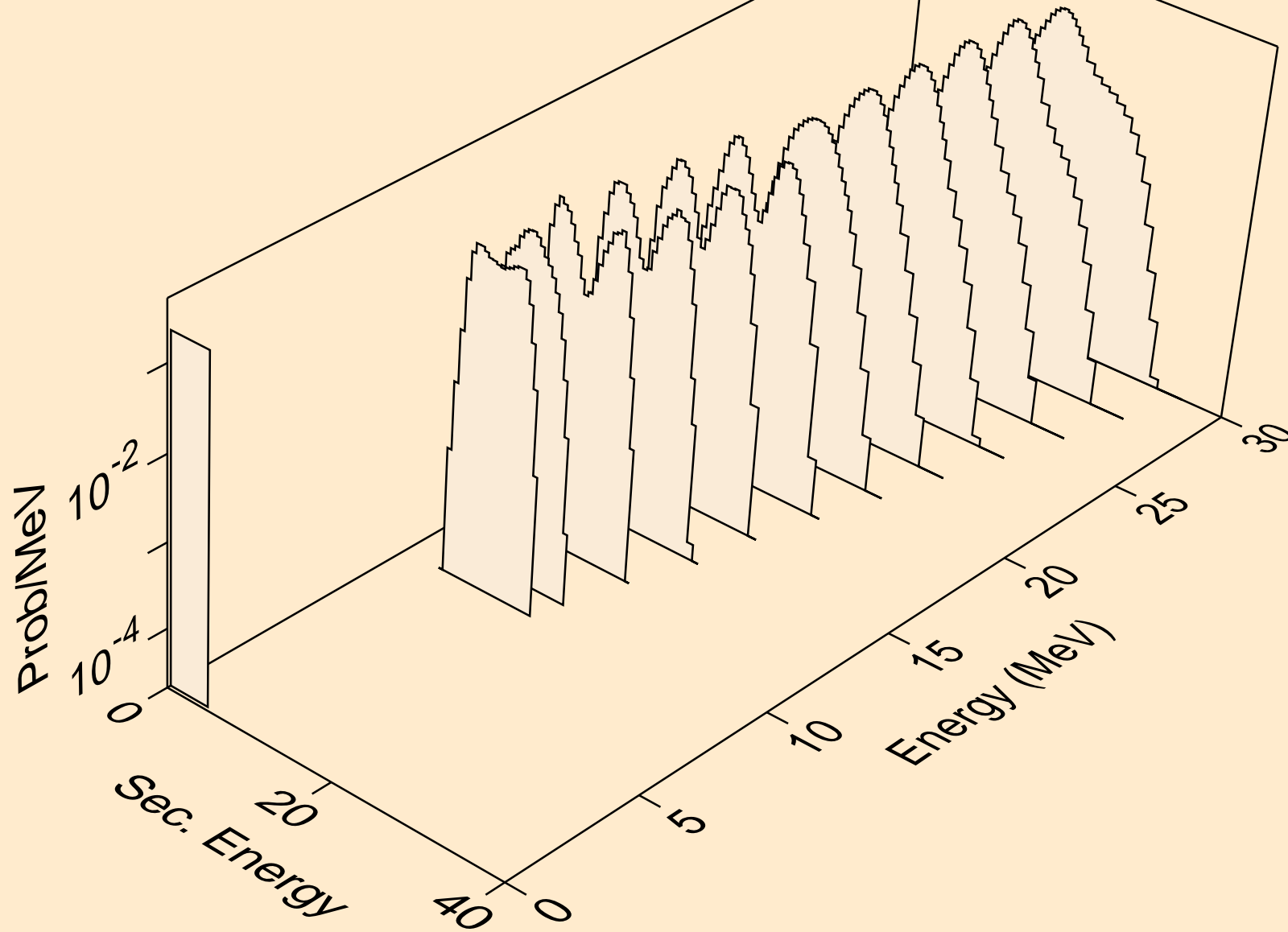
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



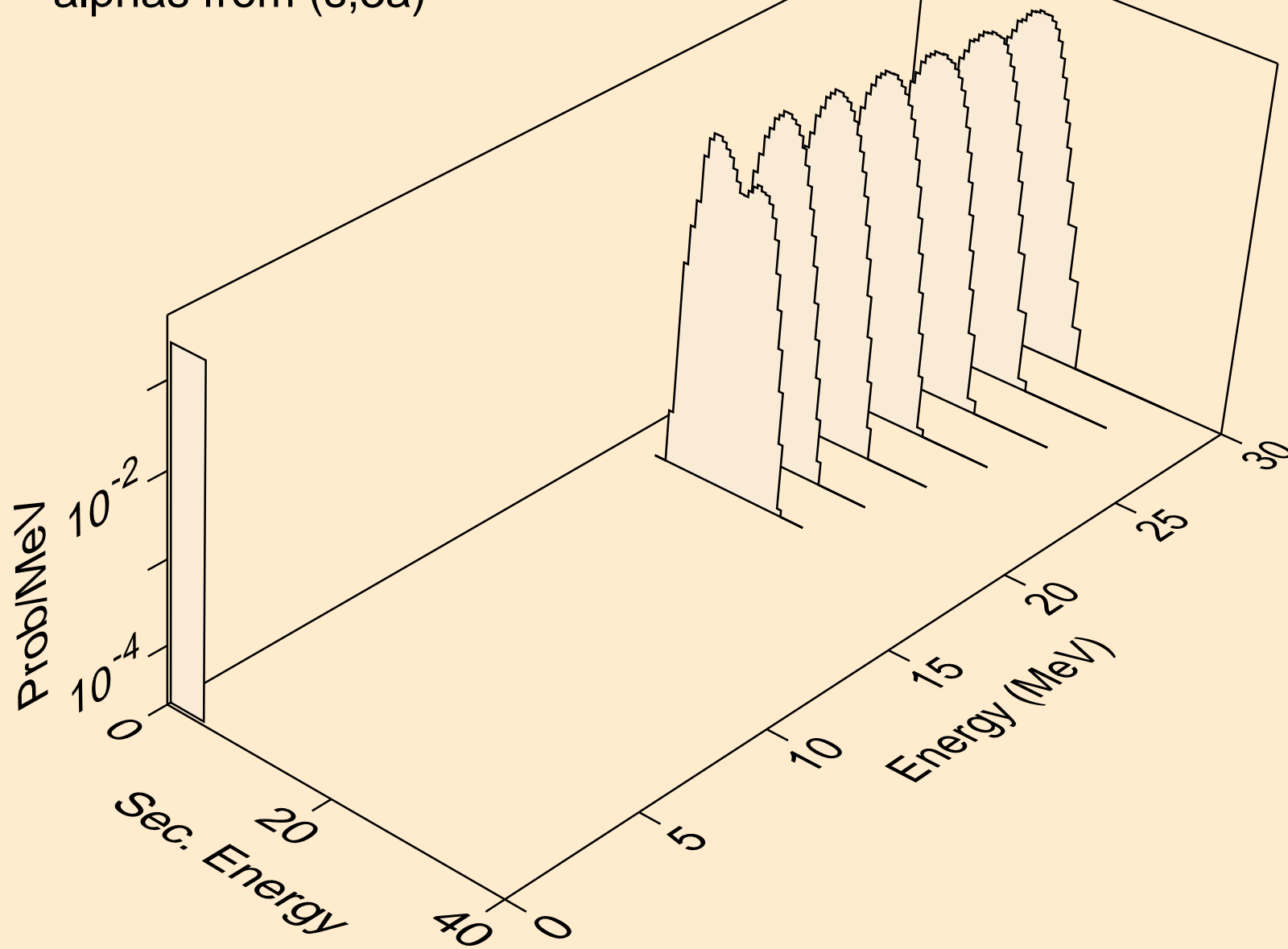
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



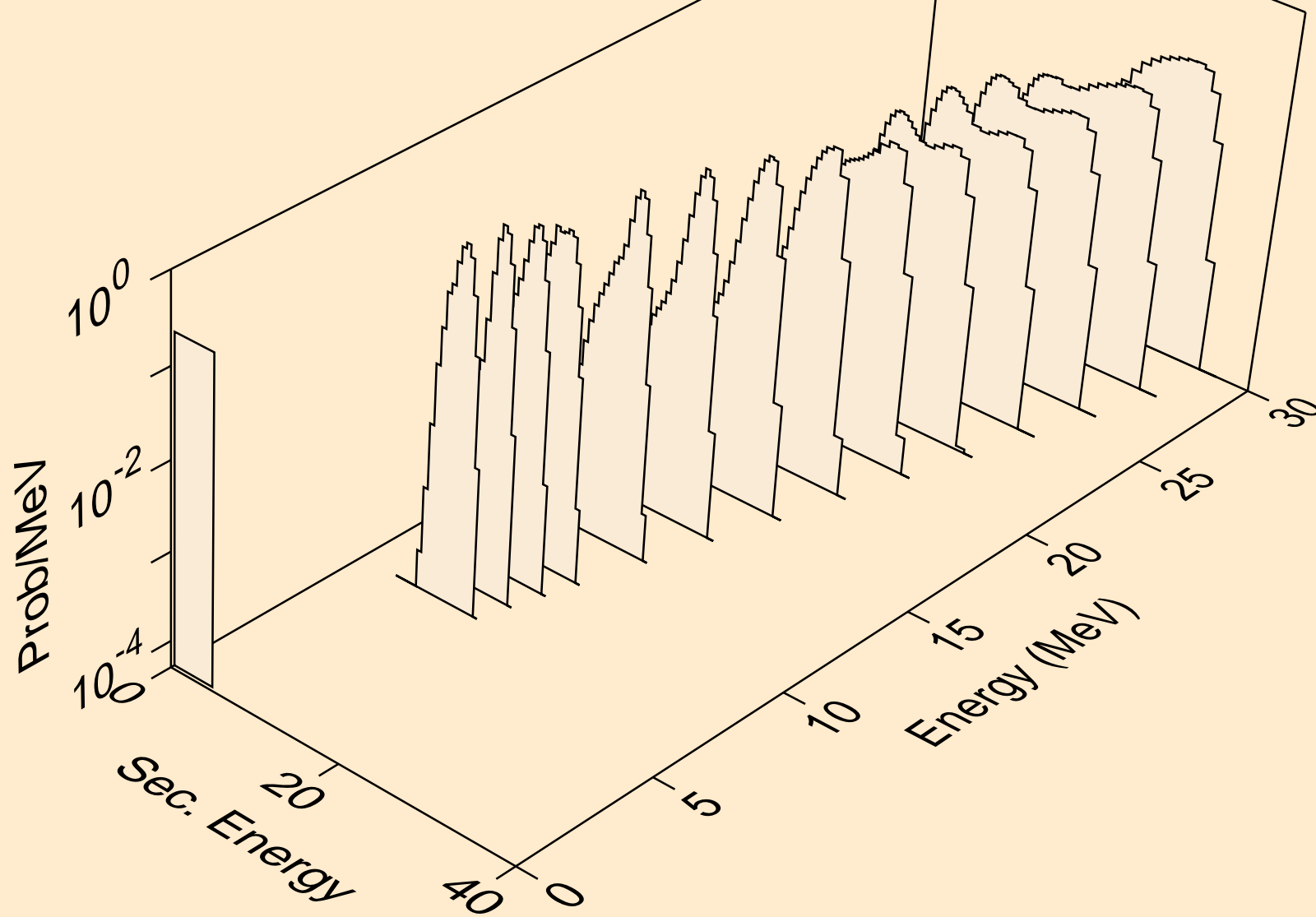
TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3a)



TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



TB139 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

