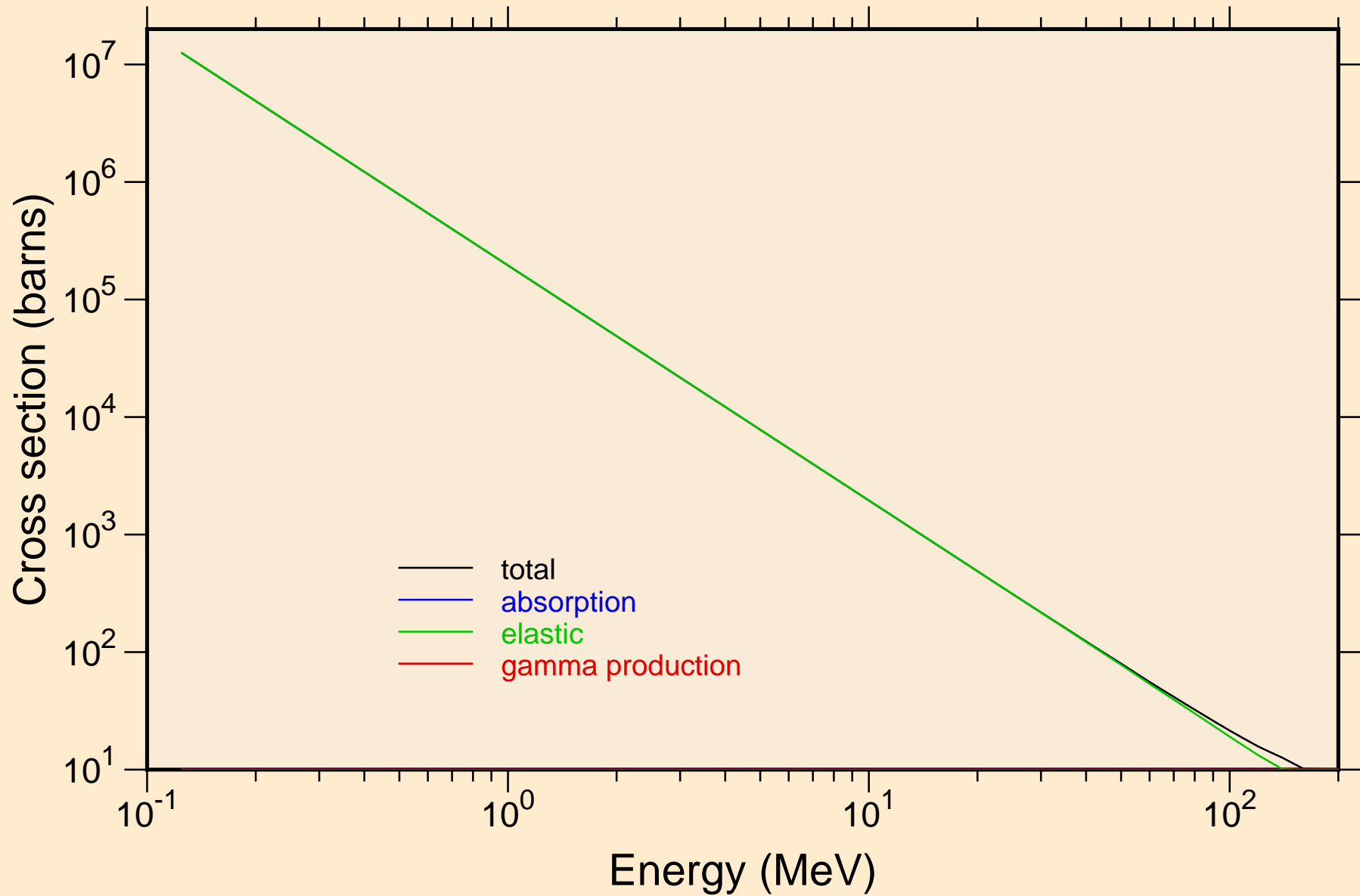
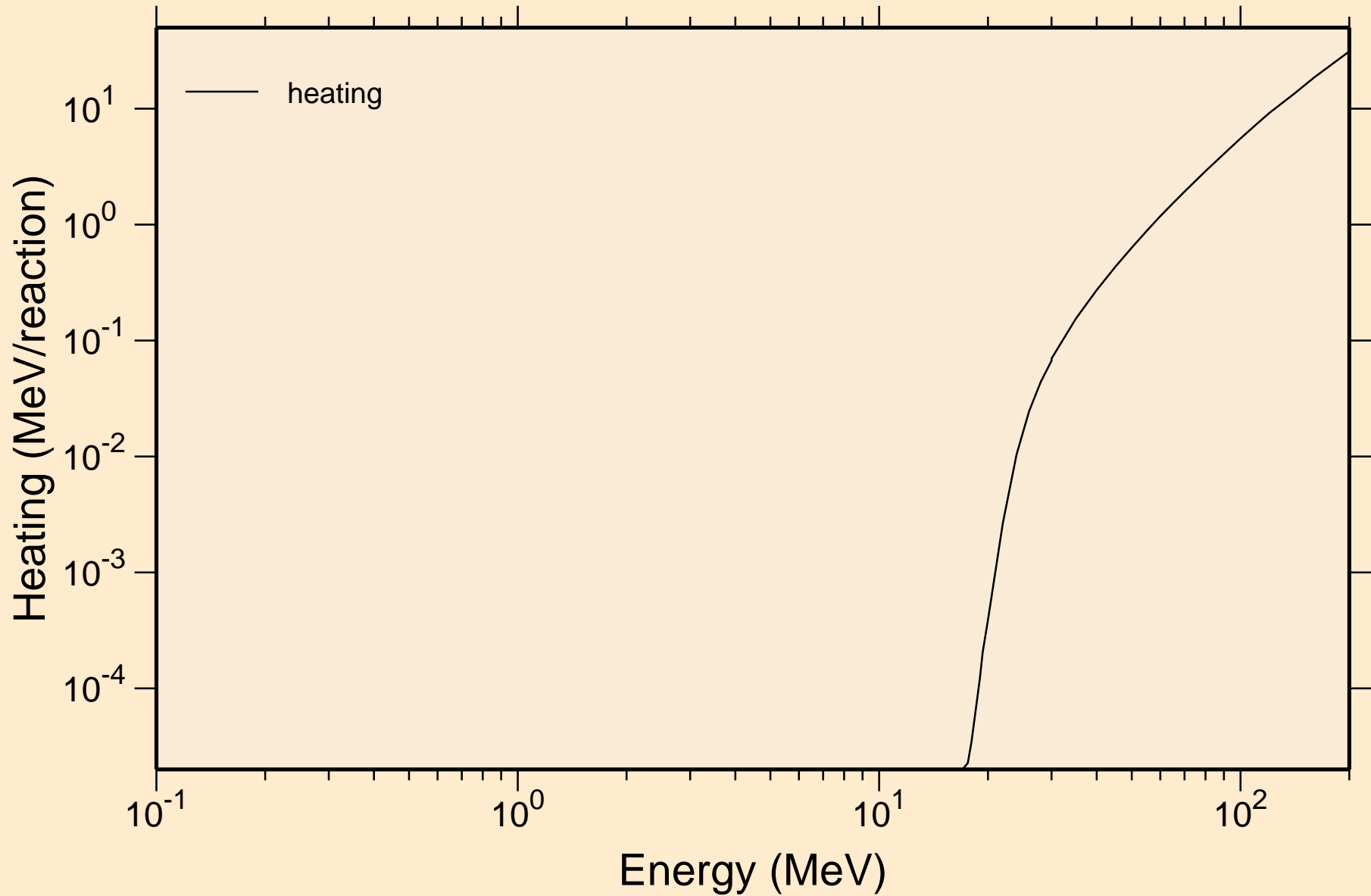


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



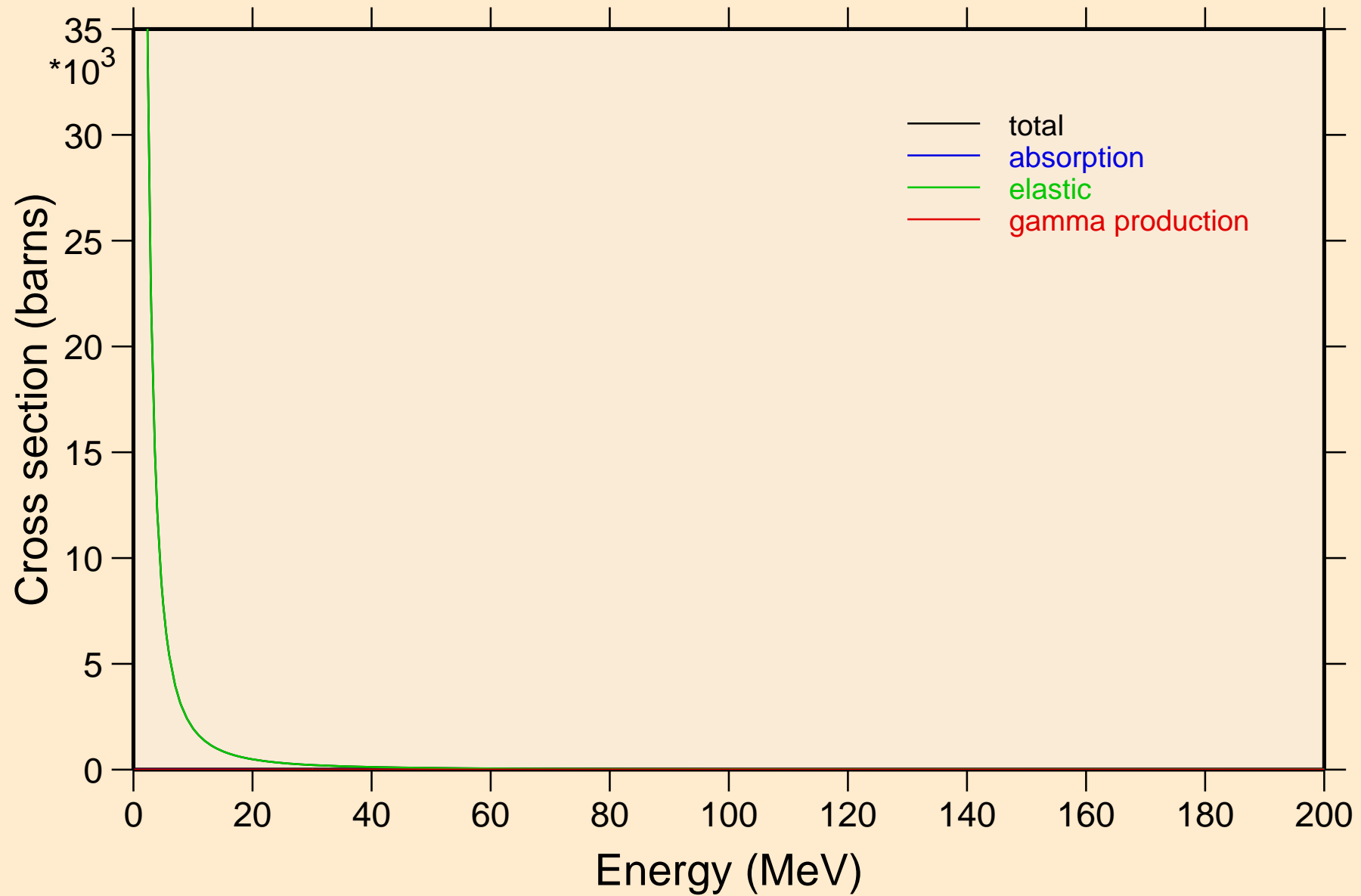
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



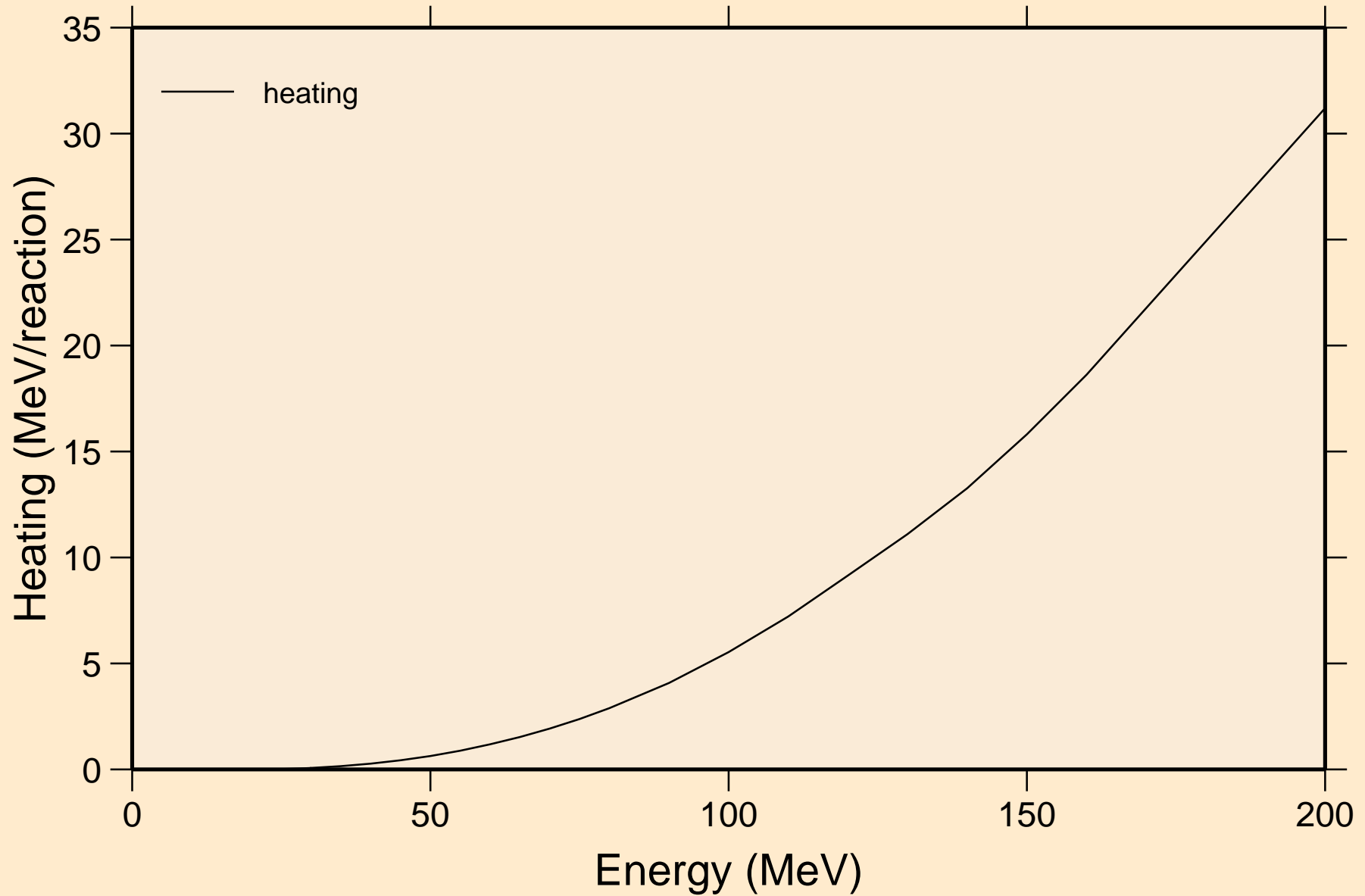
# RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

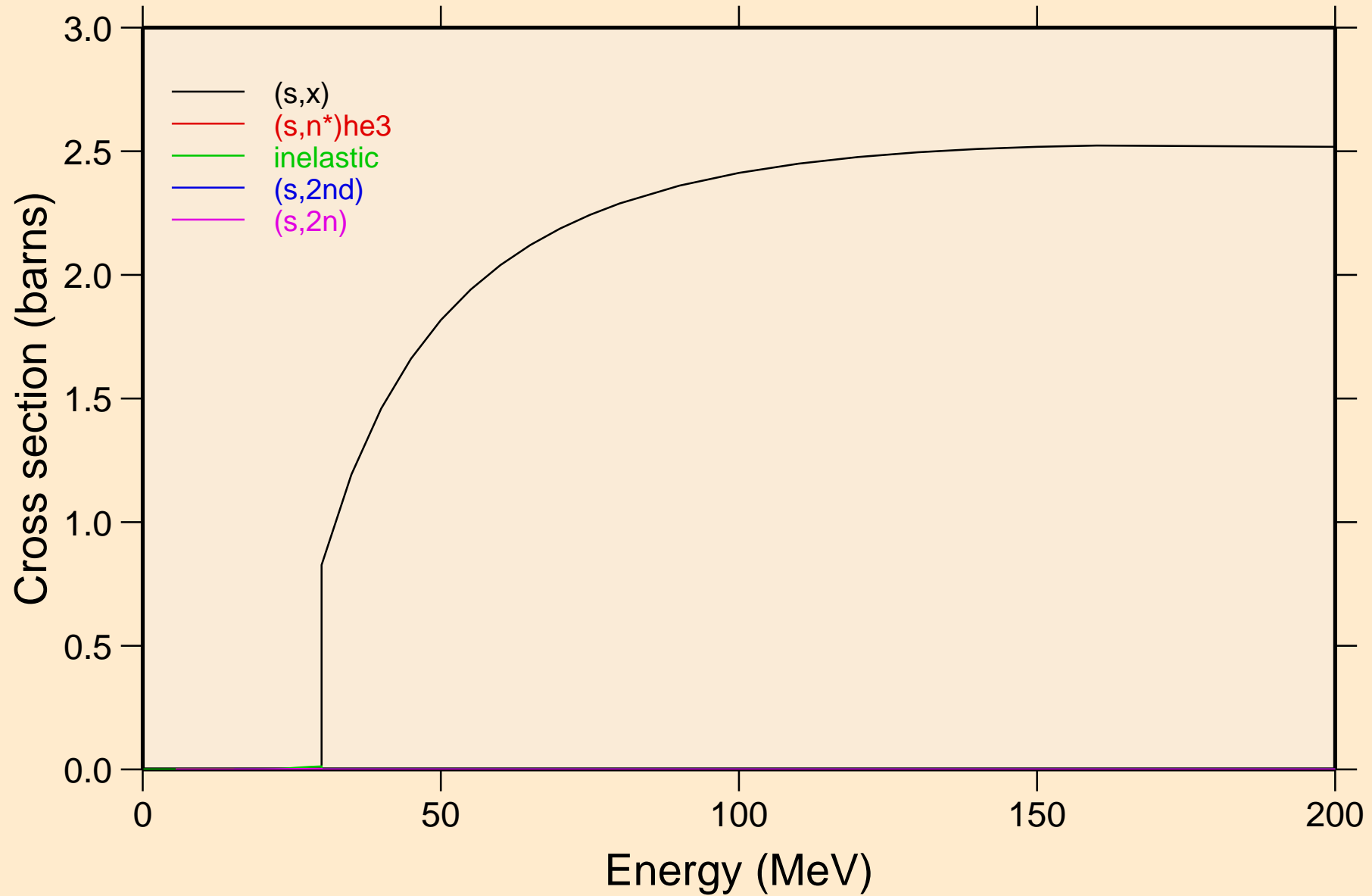


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K

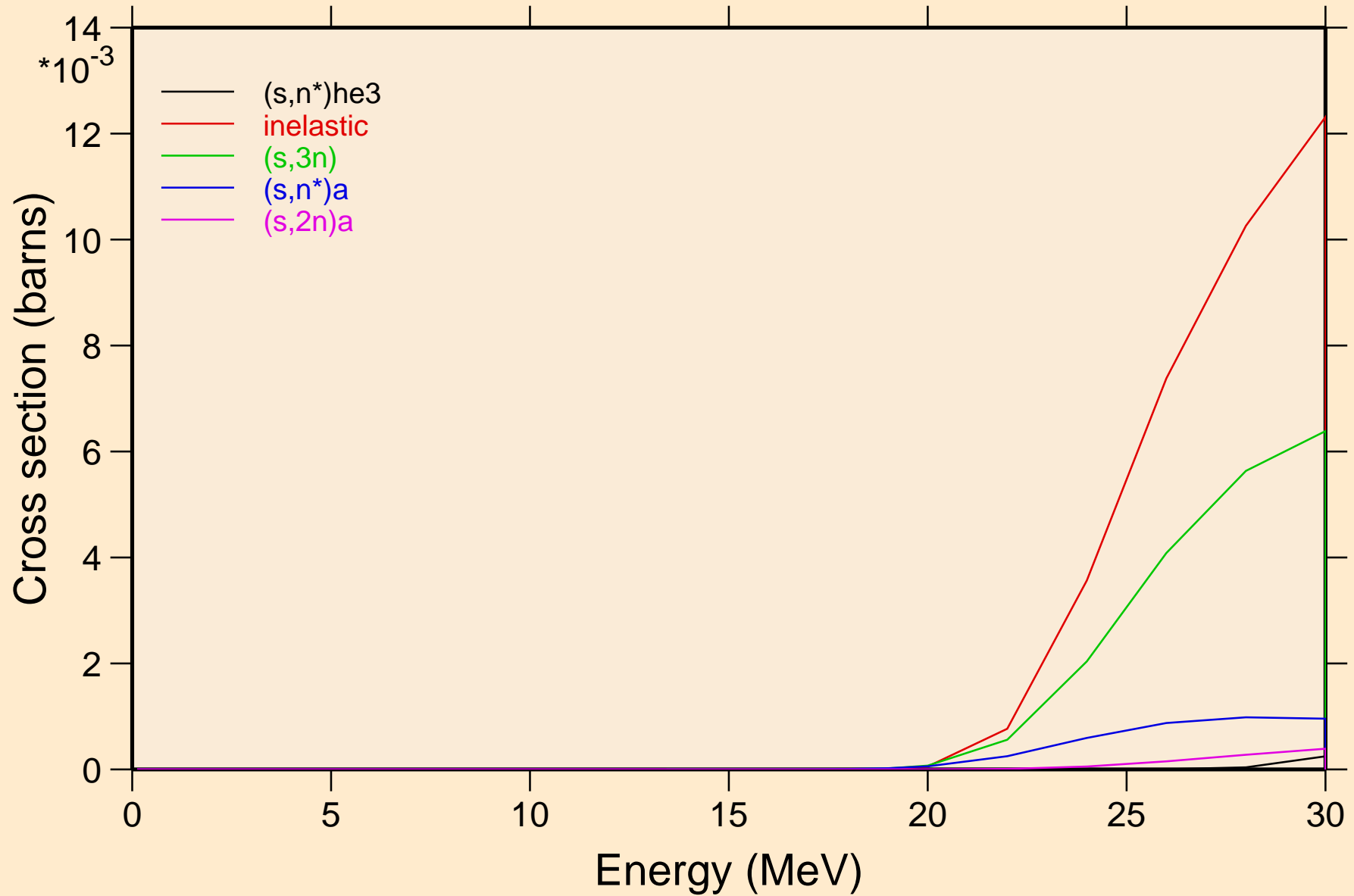
Heating



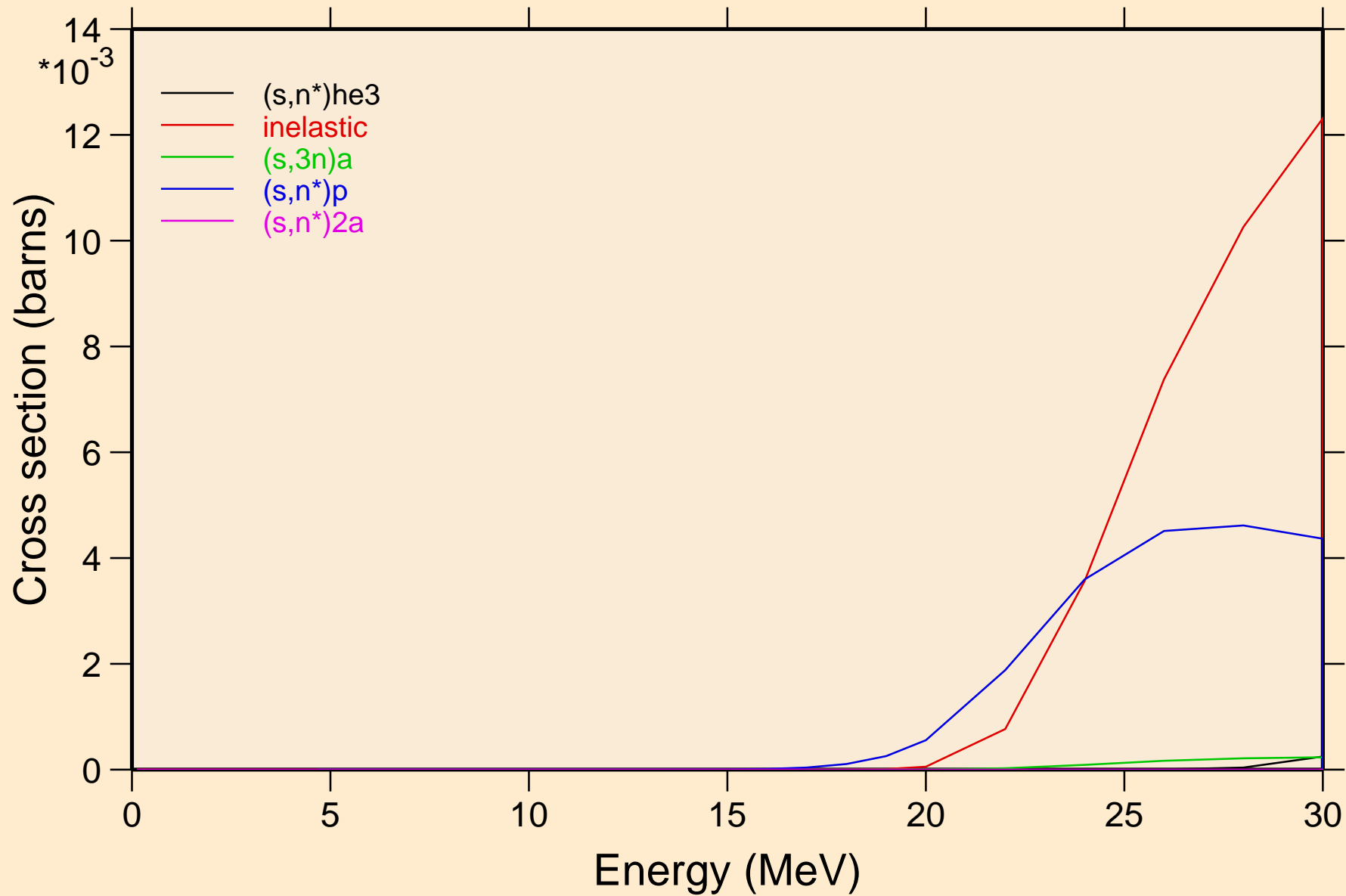
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

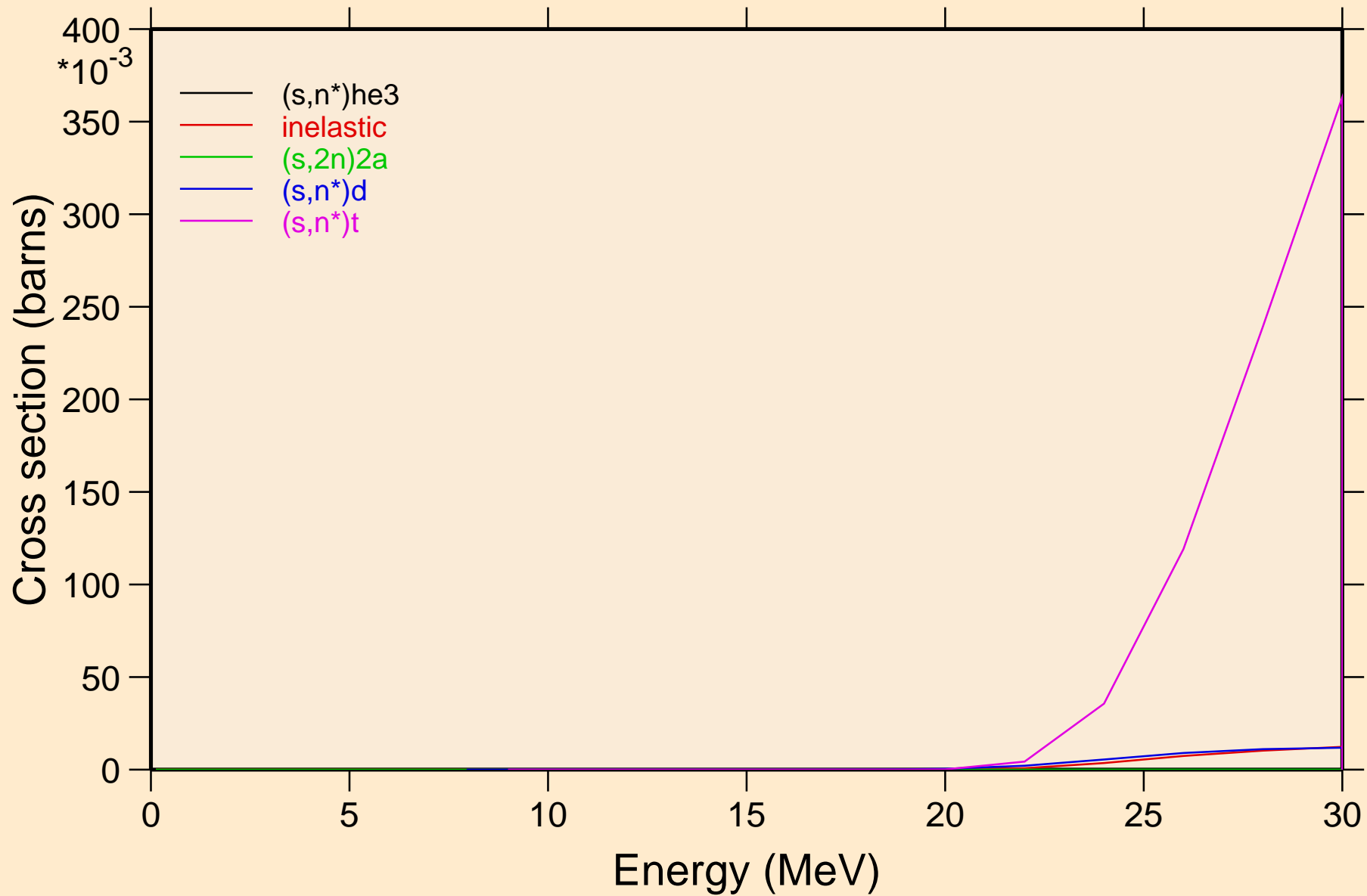


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



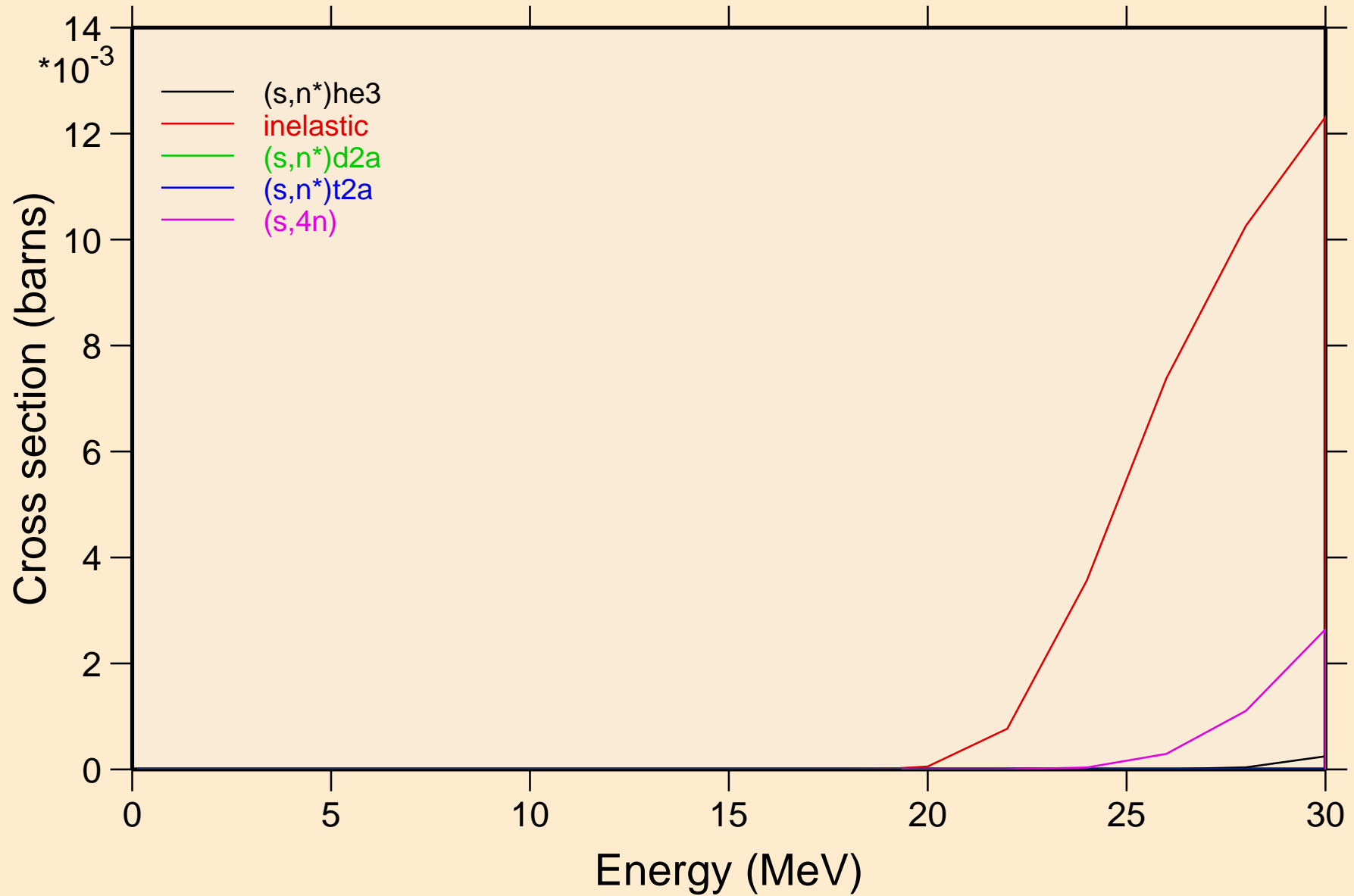
# RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

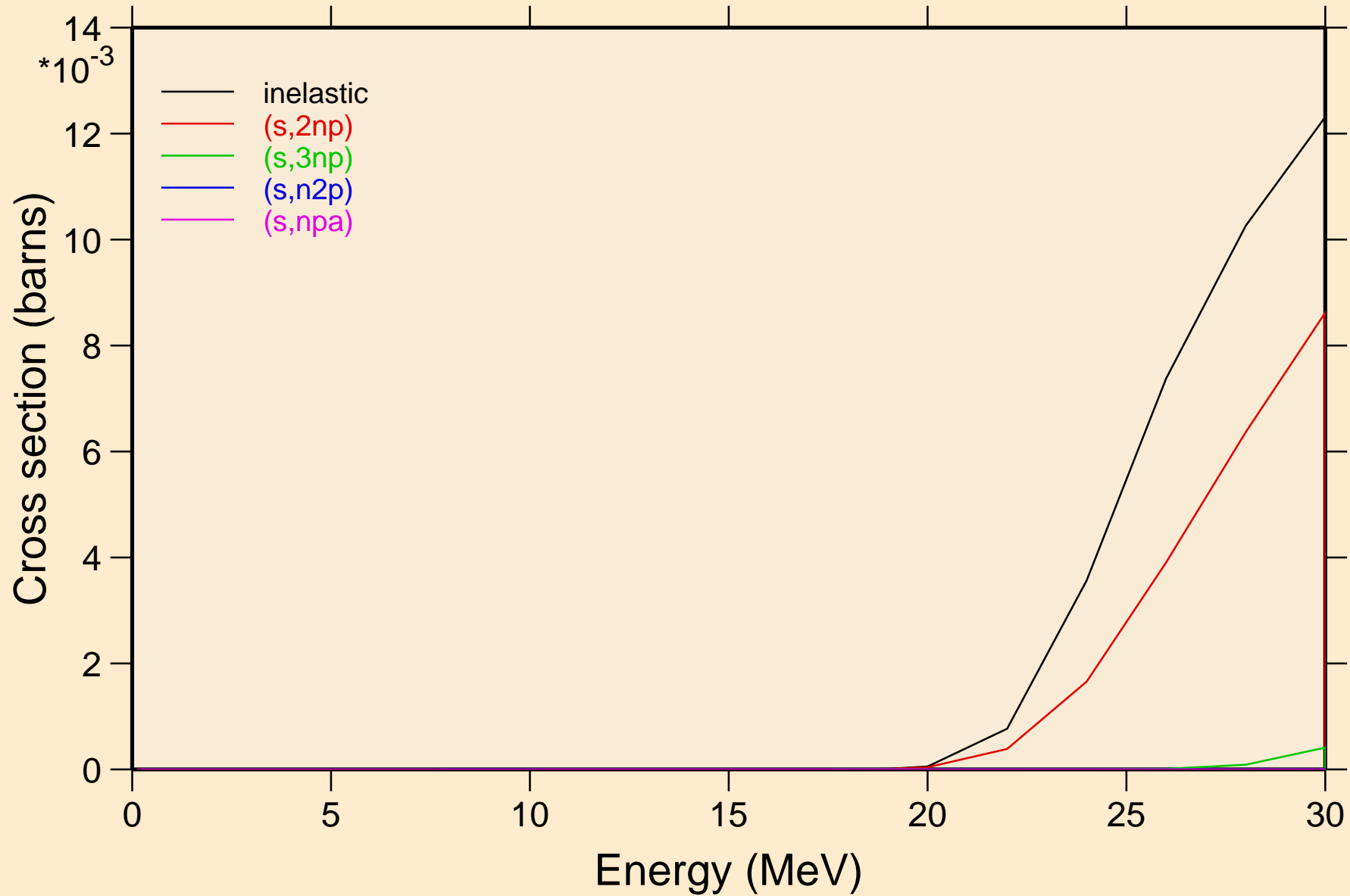




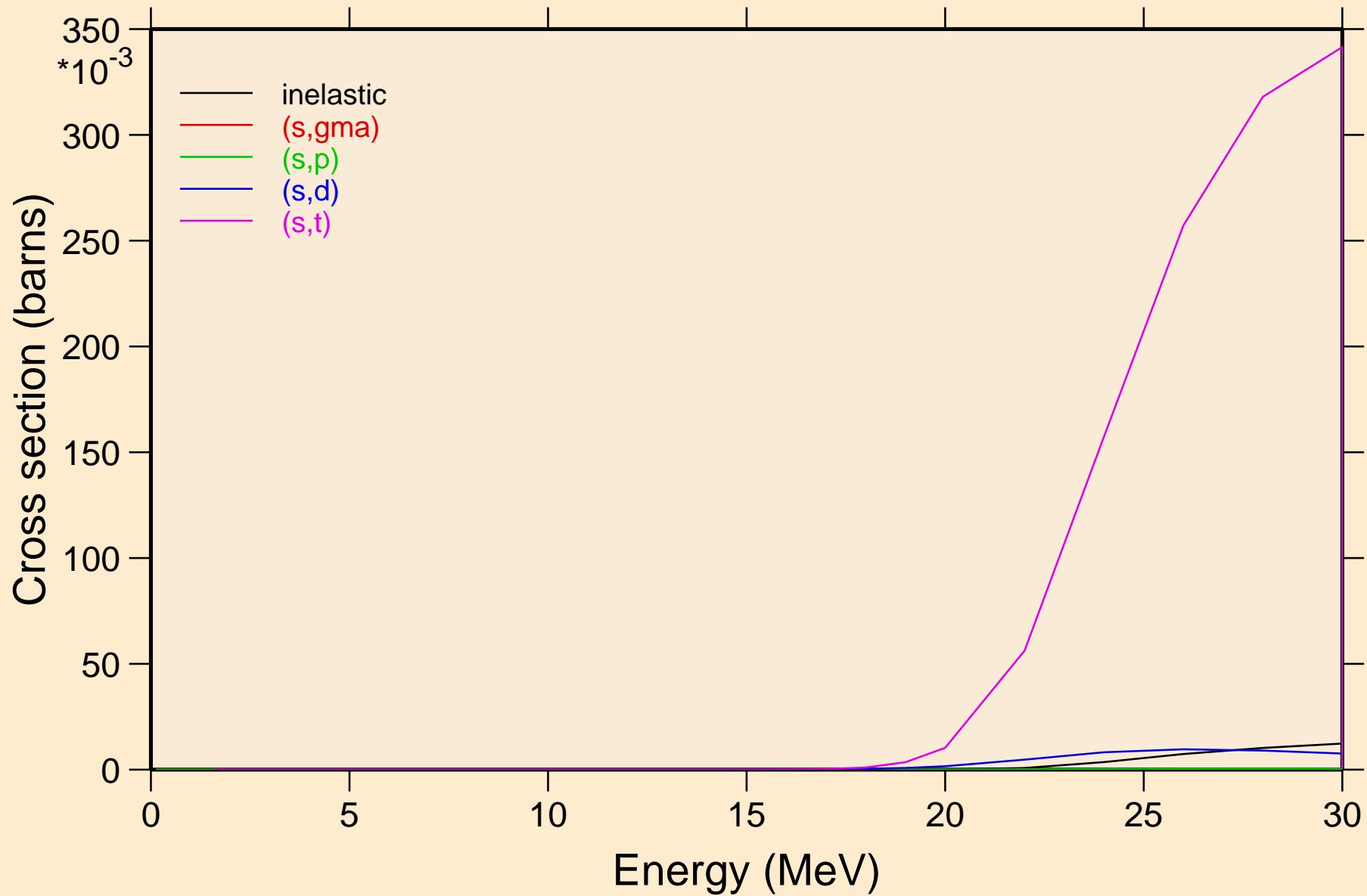
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



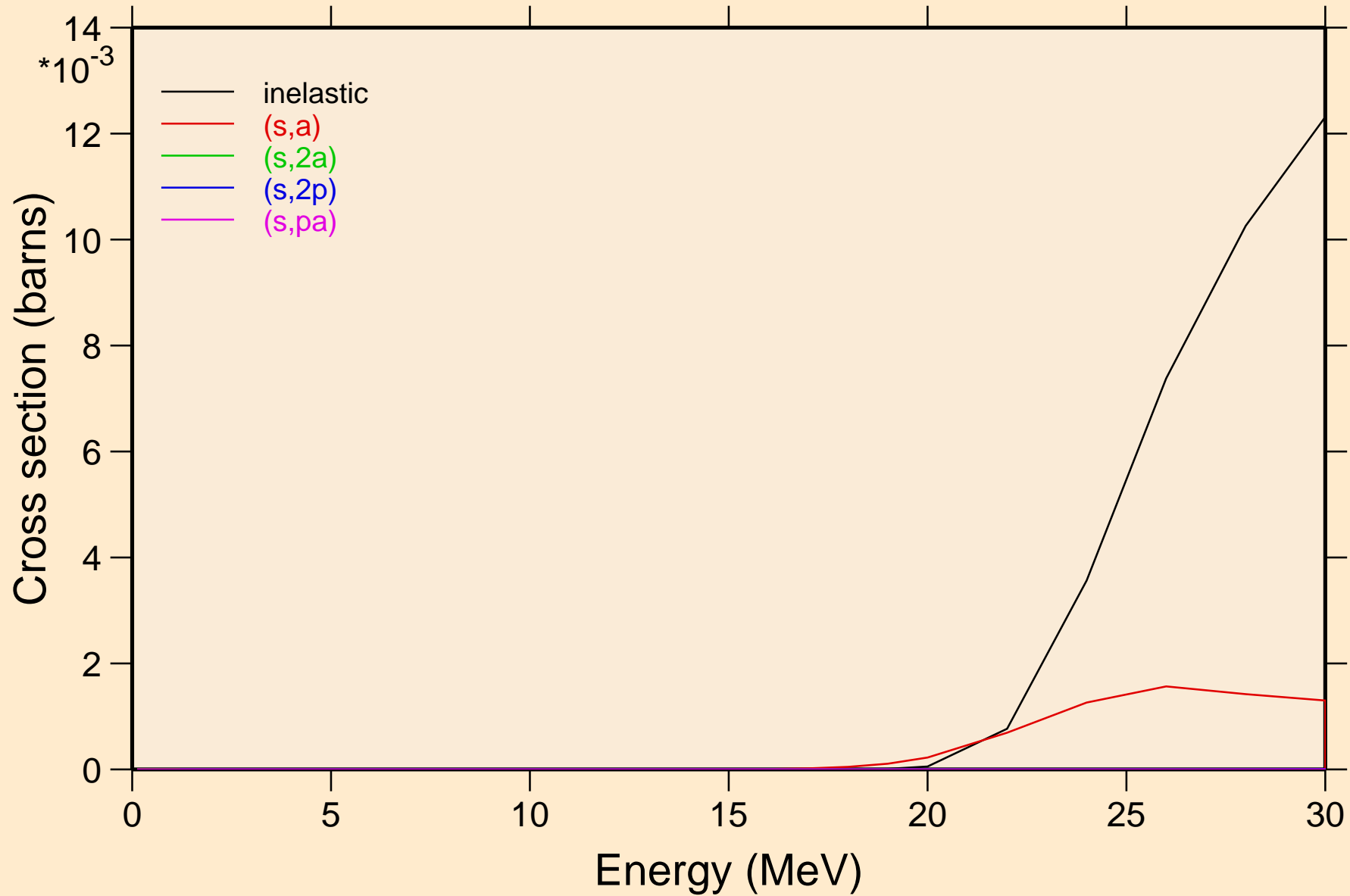
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



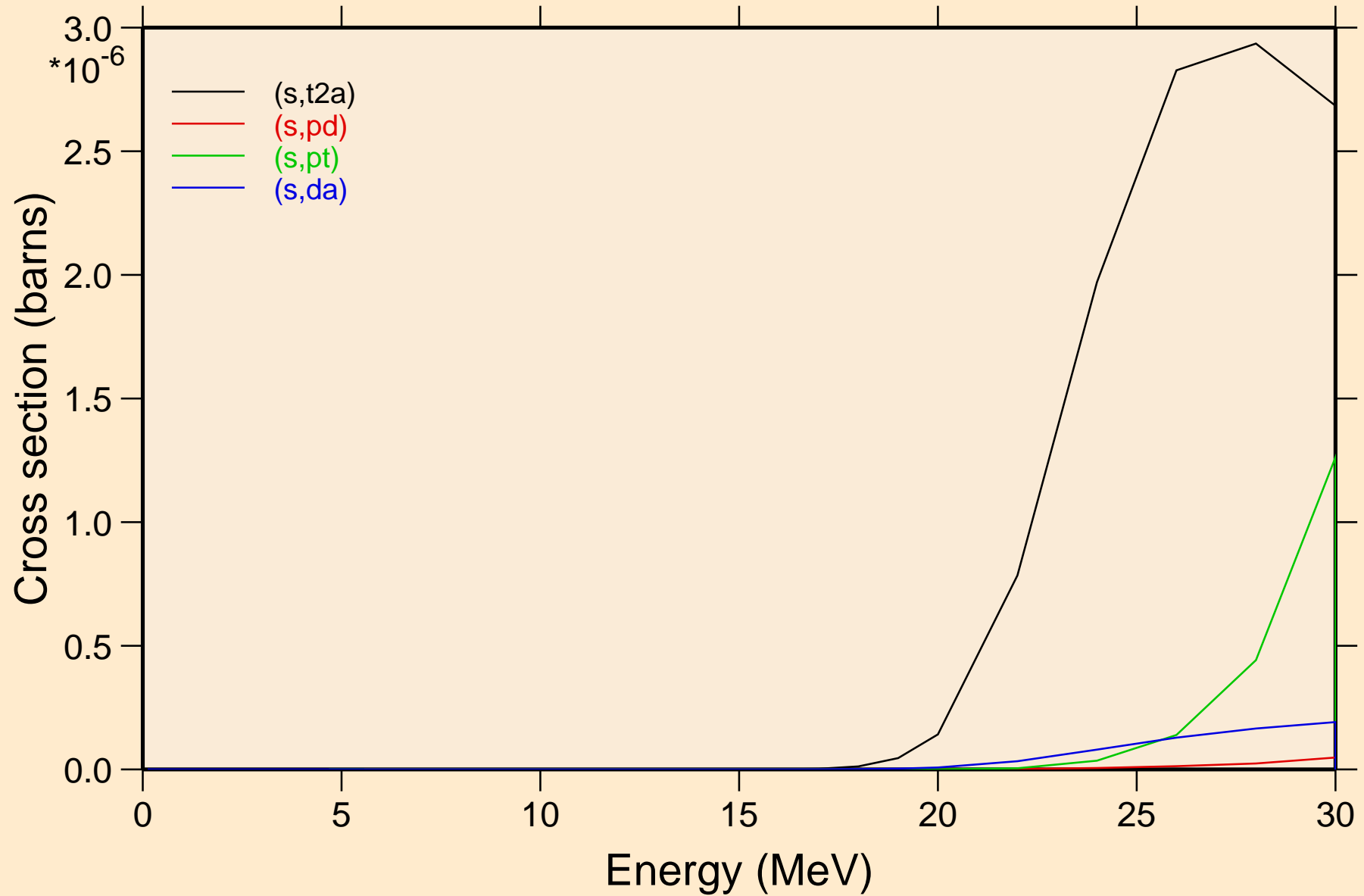
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



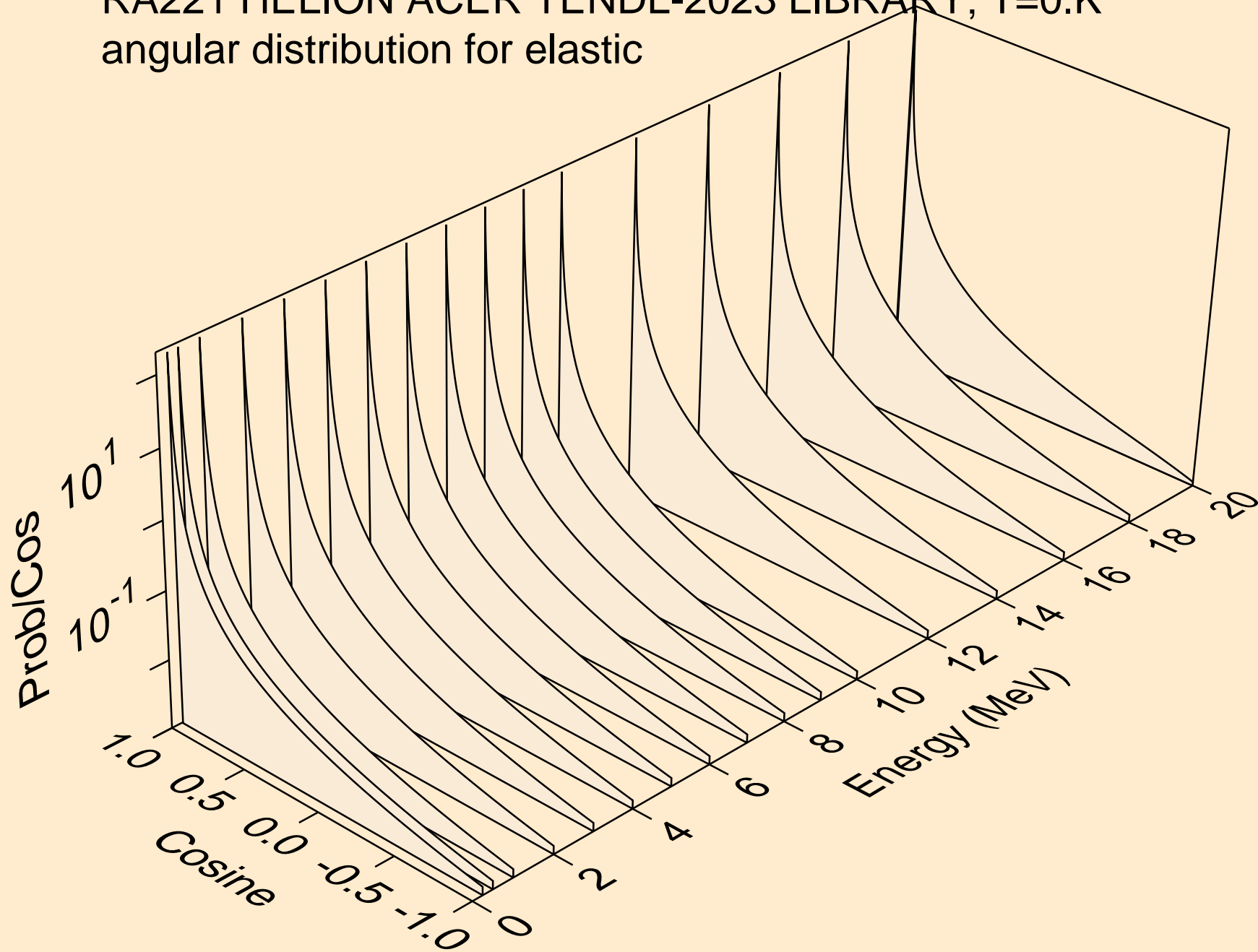
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



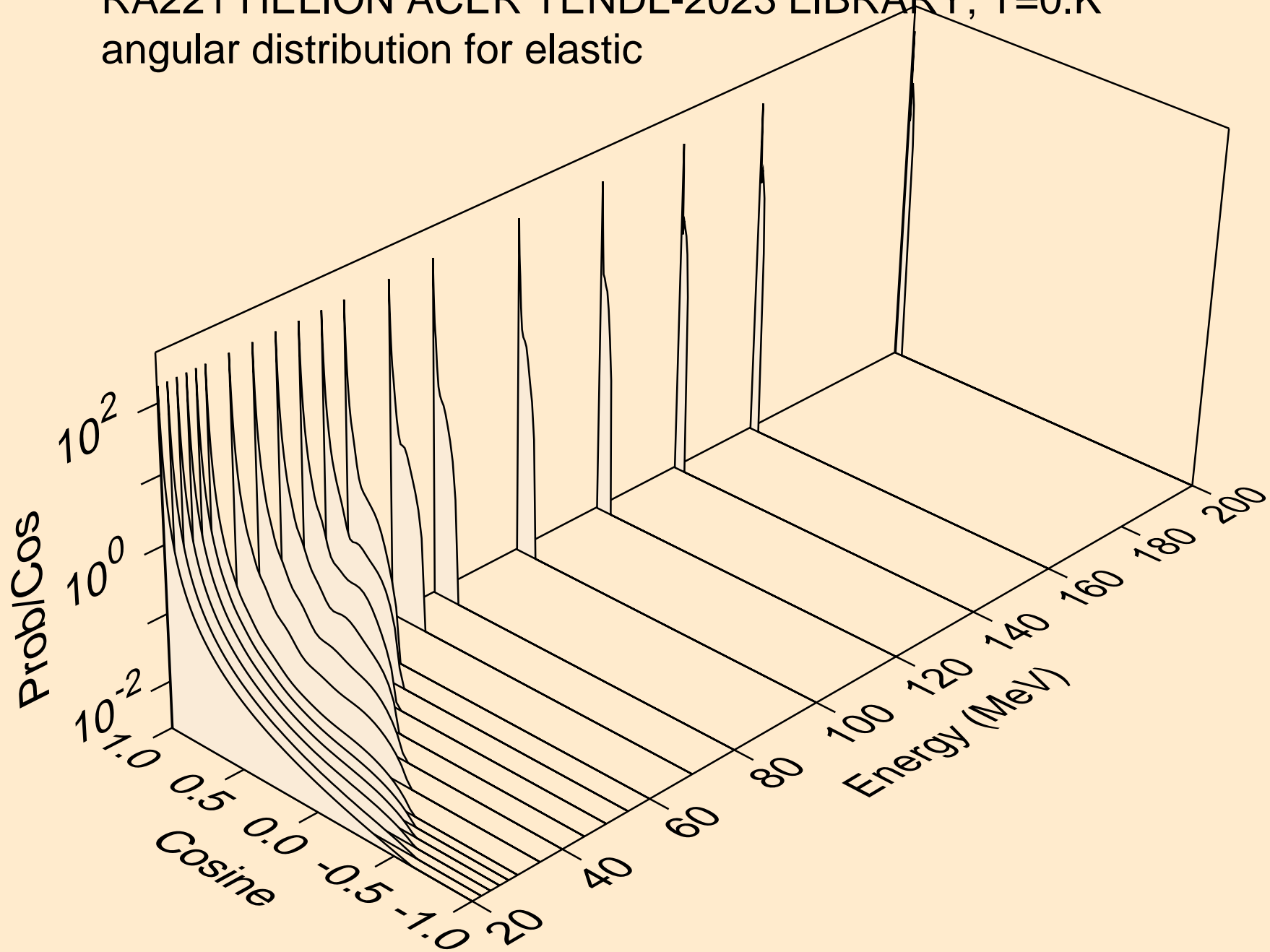
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



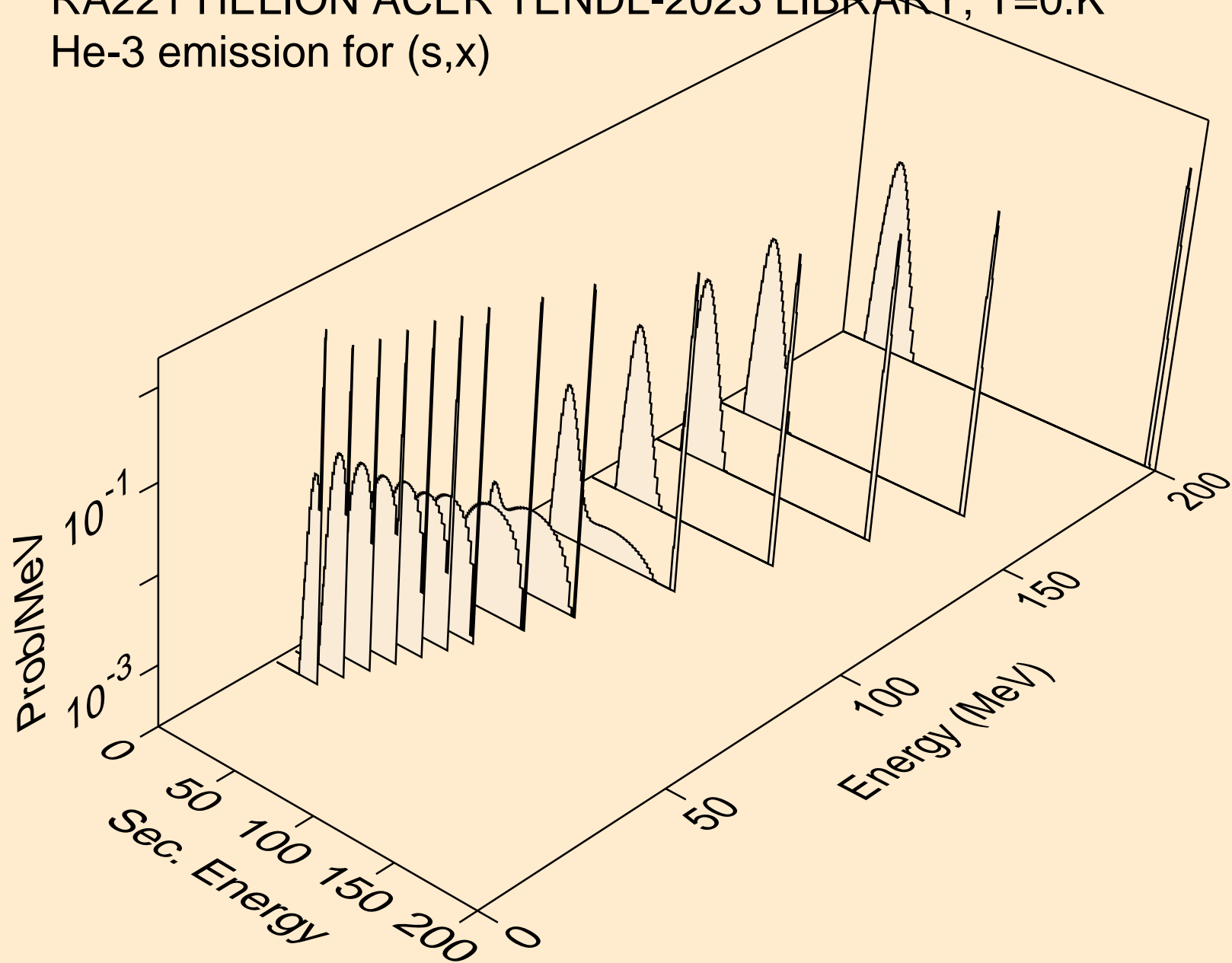
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

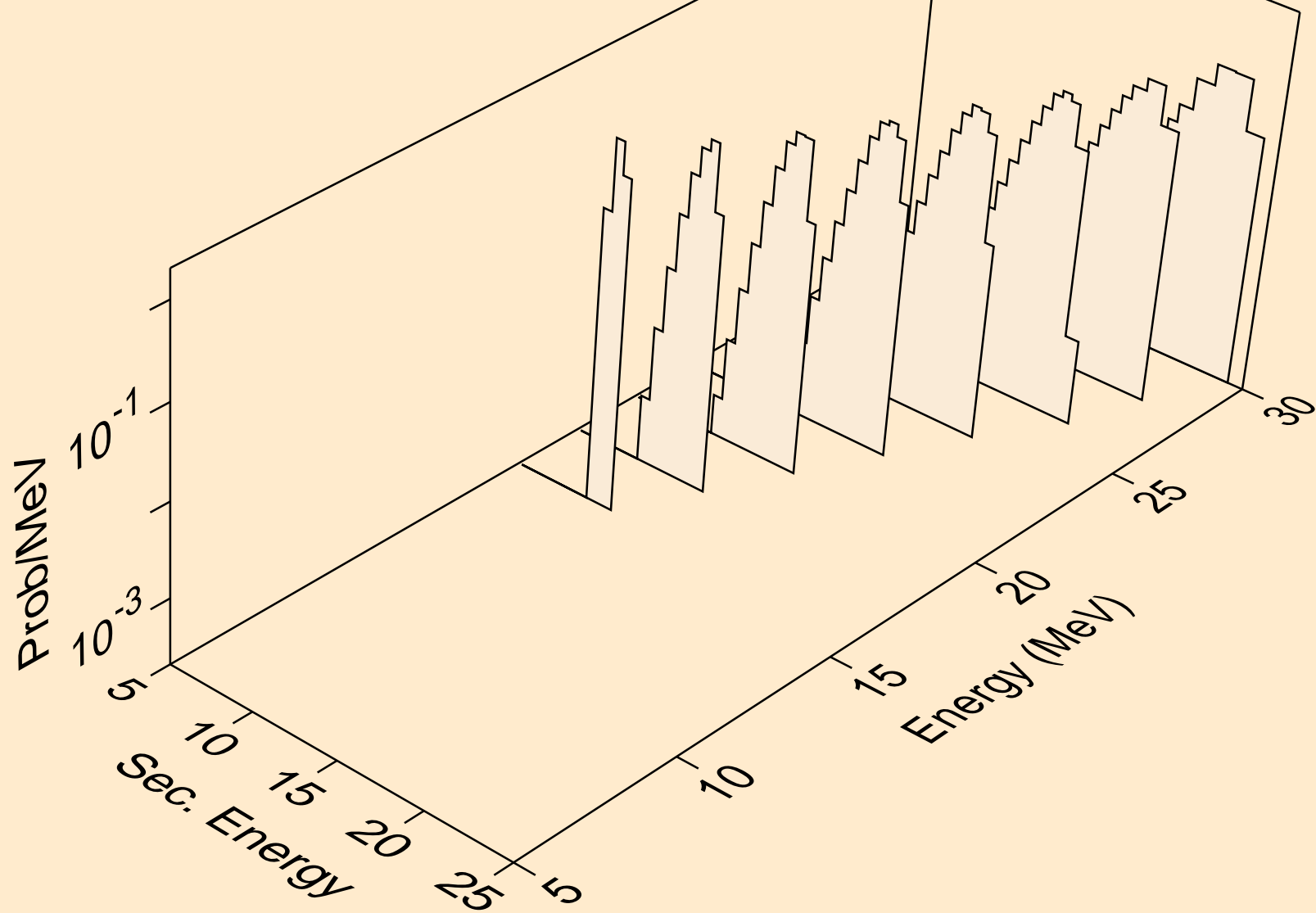


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

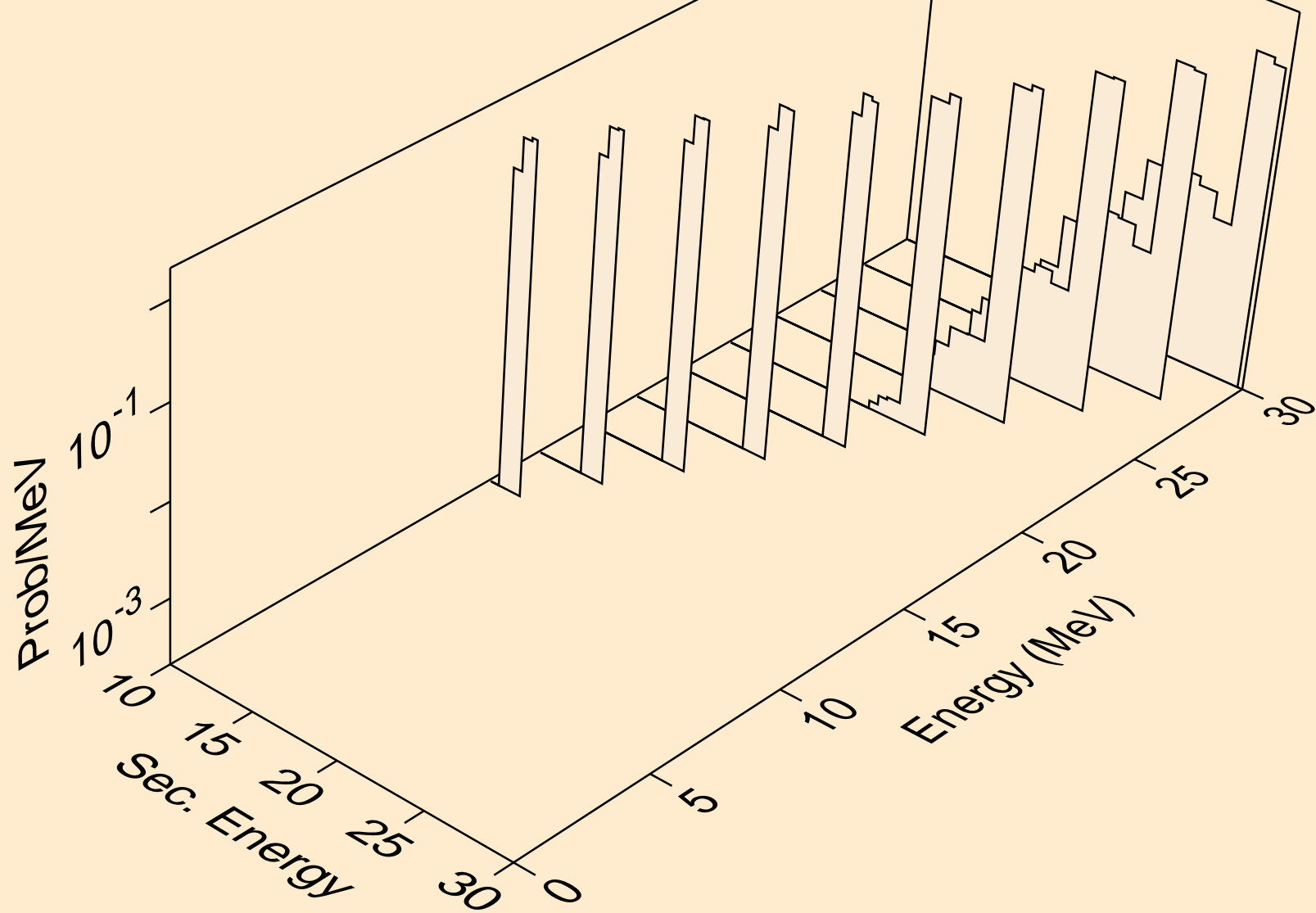




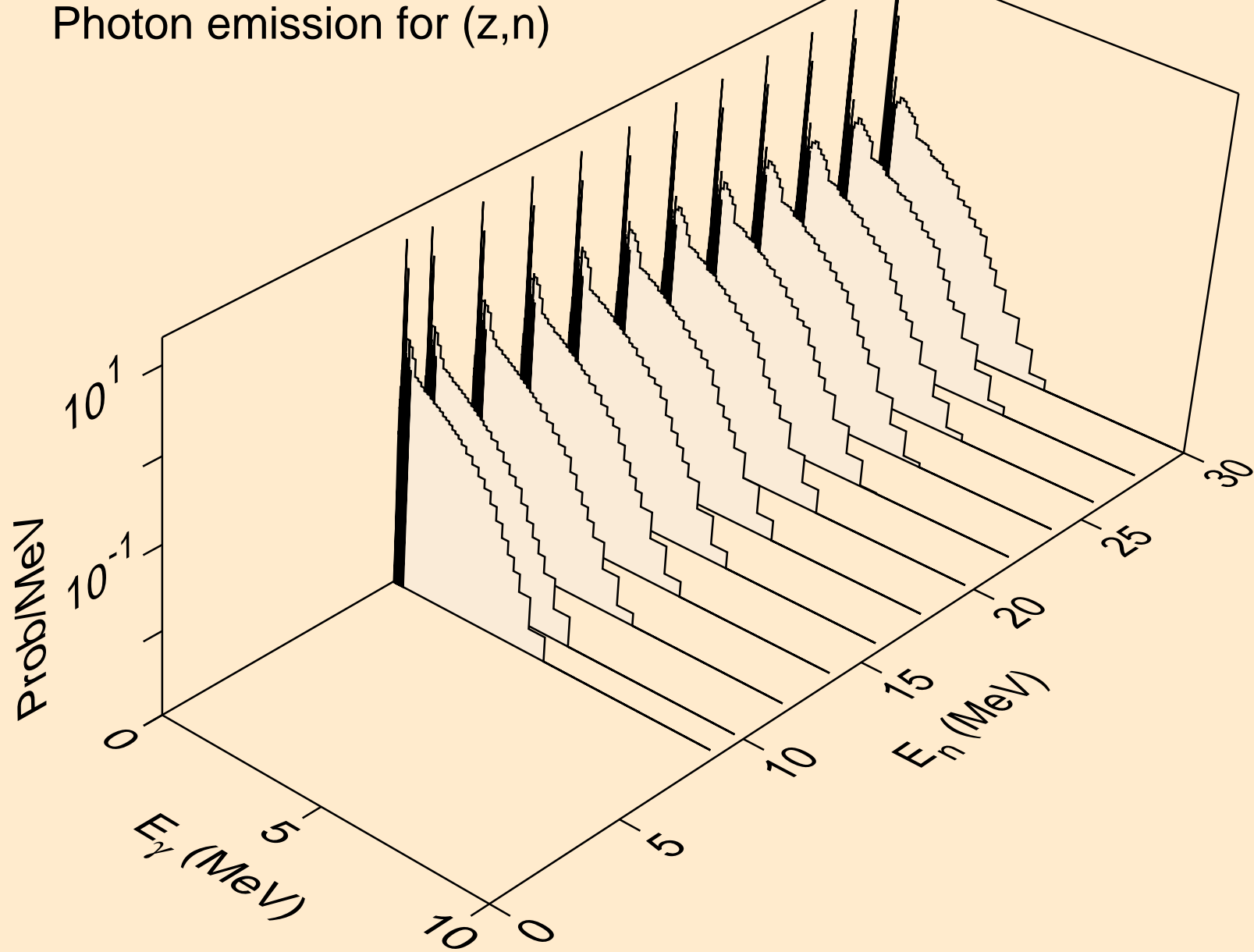
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



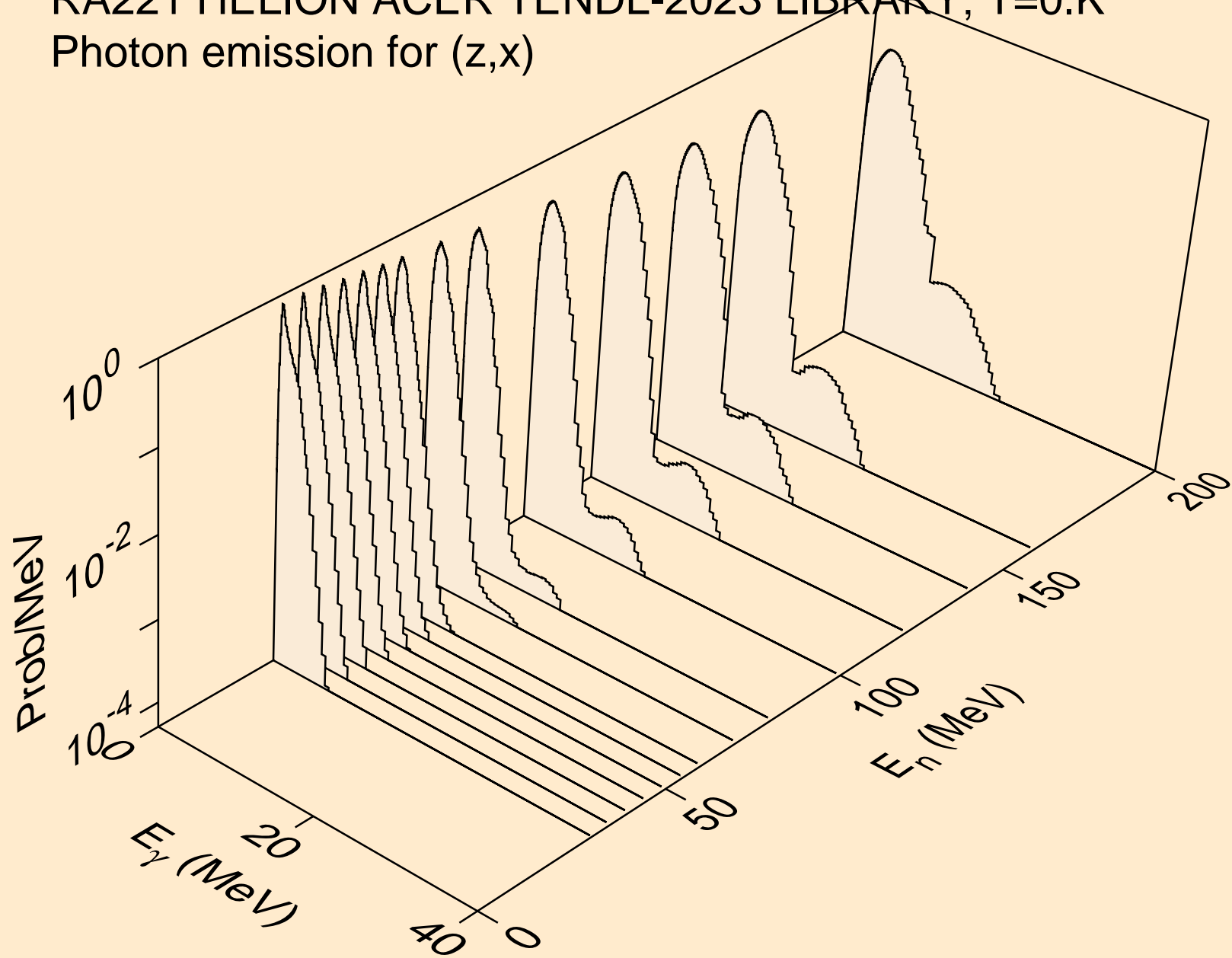
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



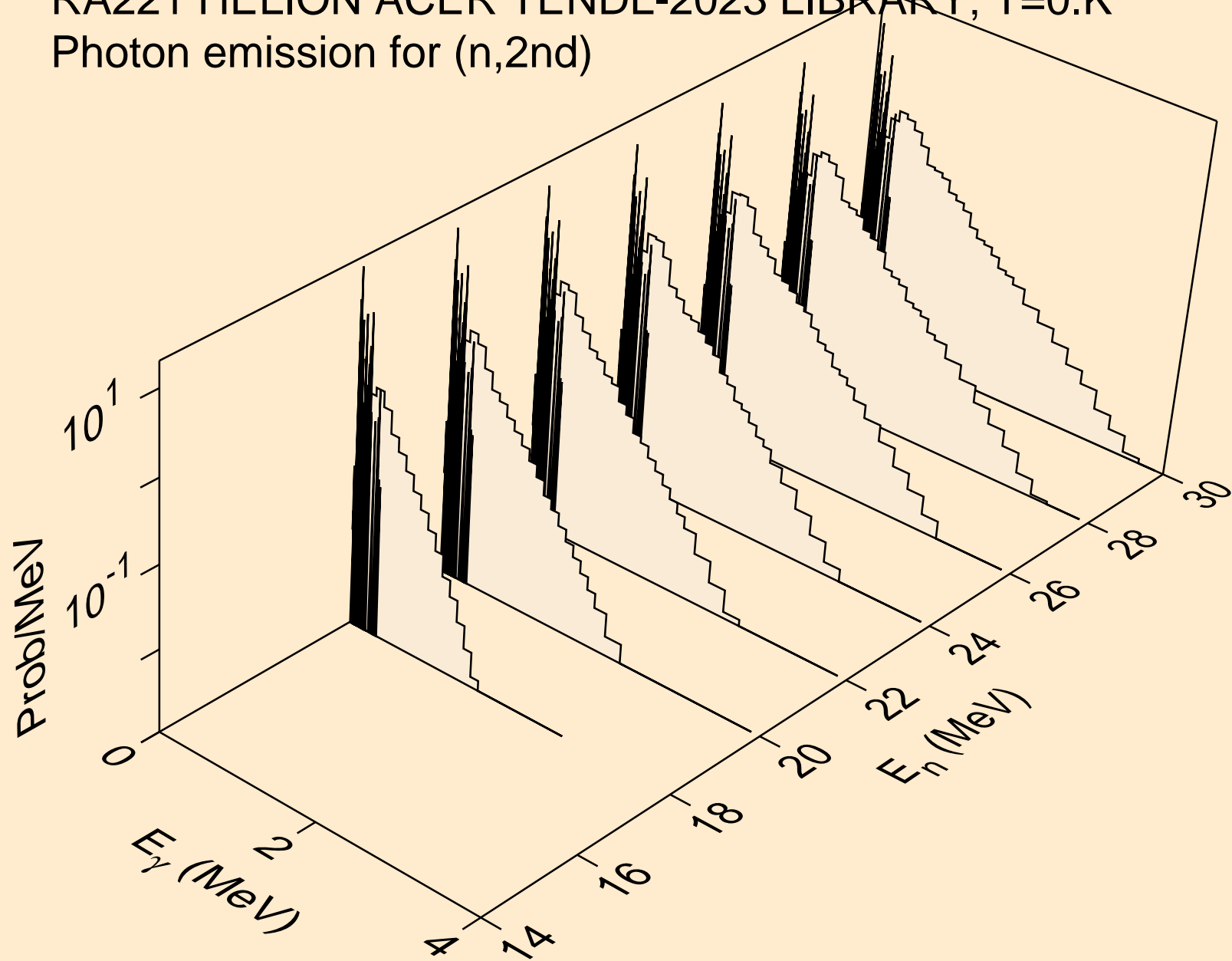
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



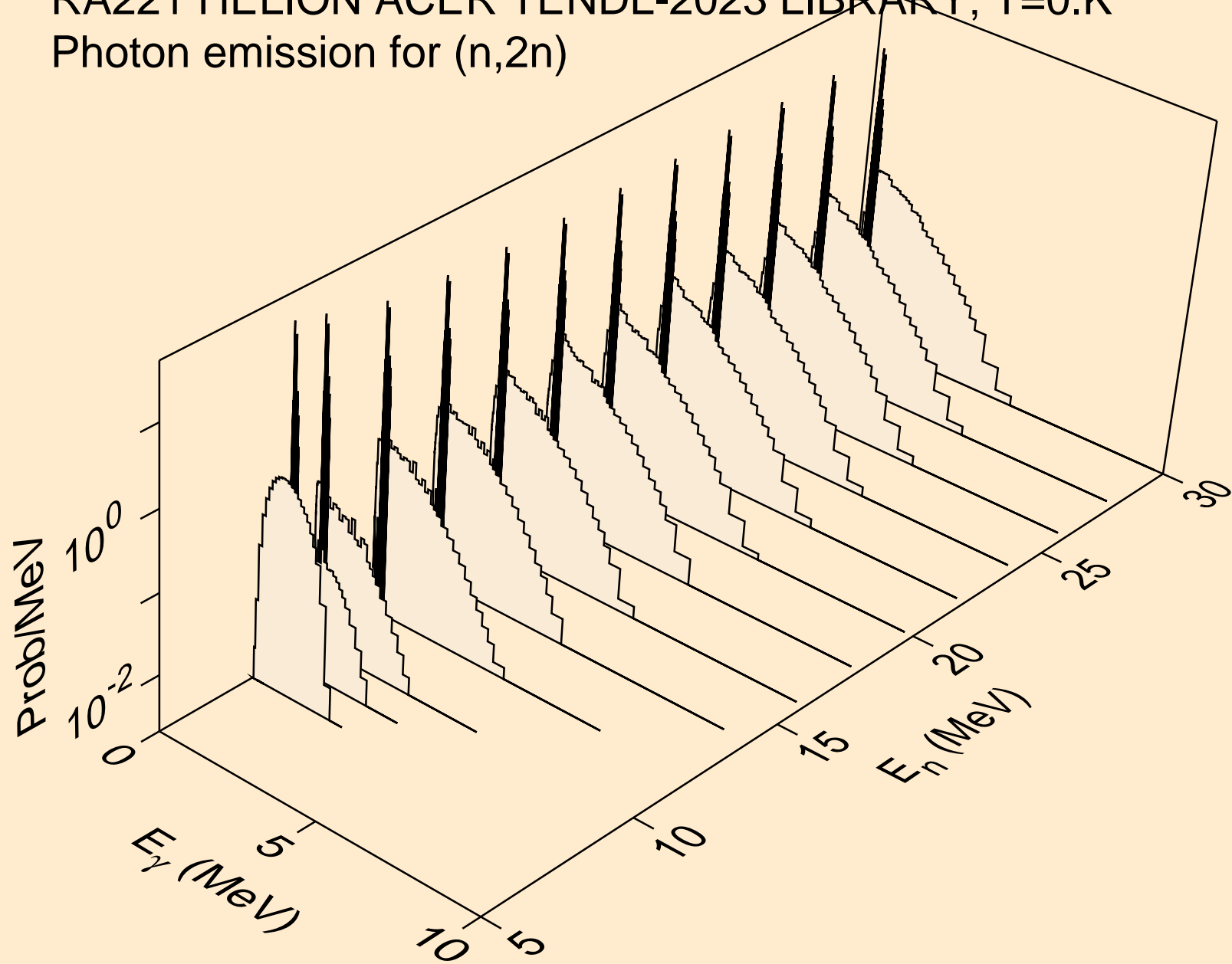
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



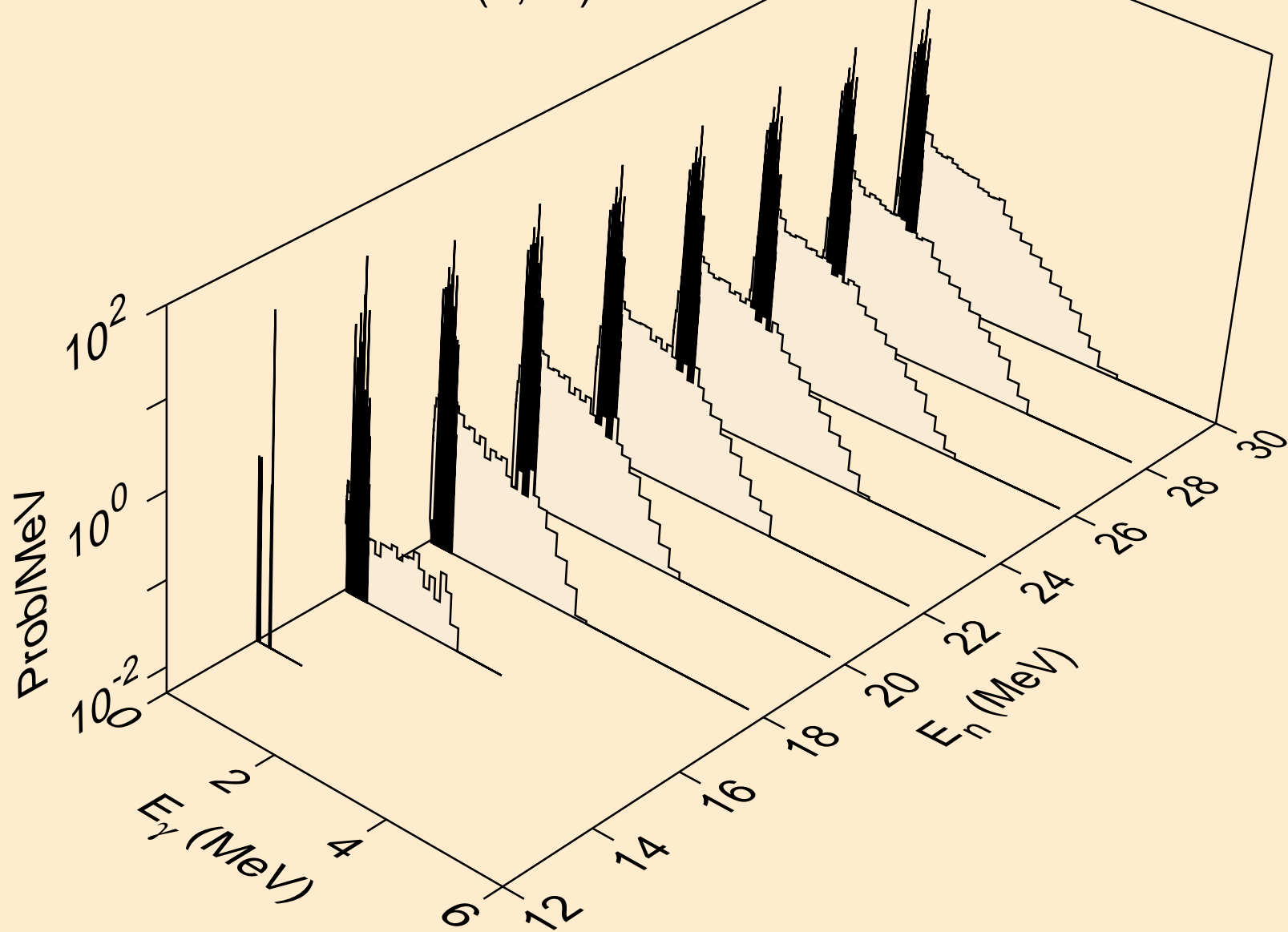
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



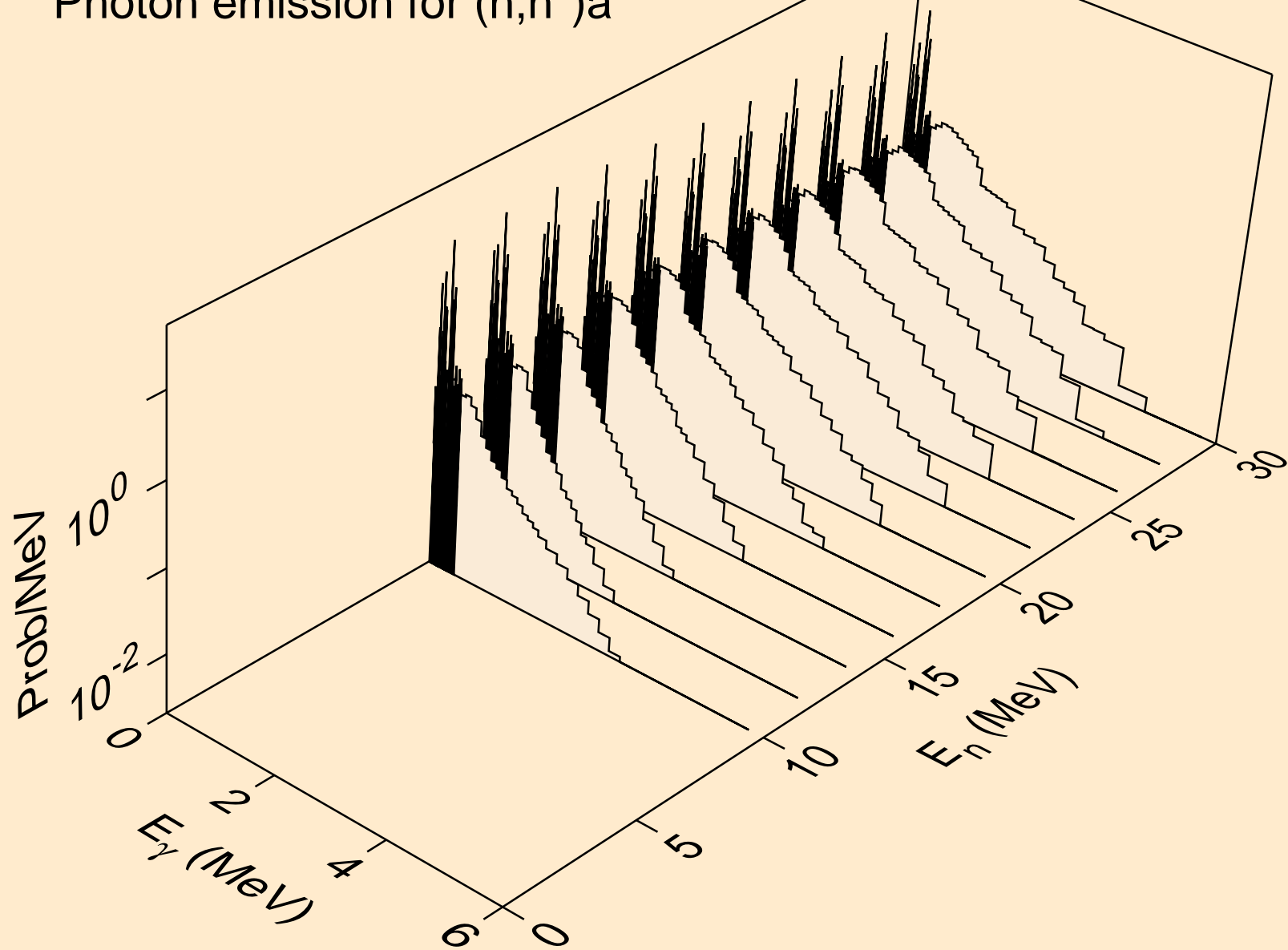
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

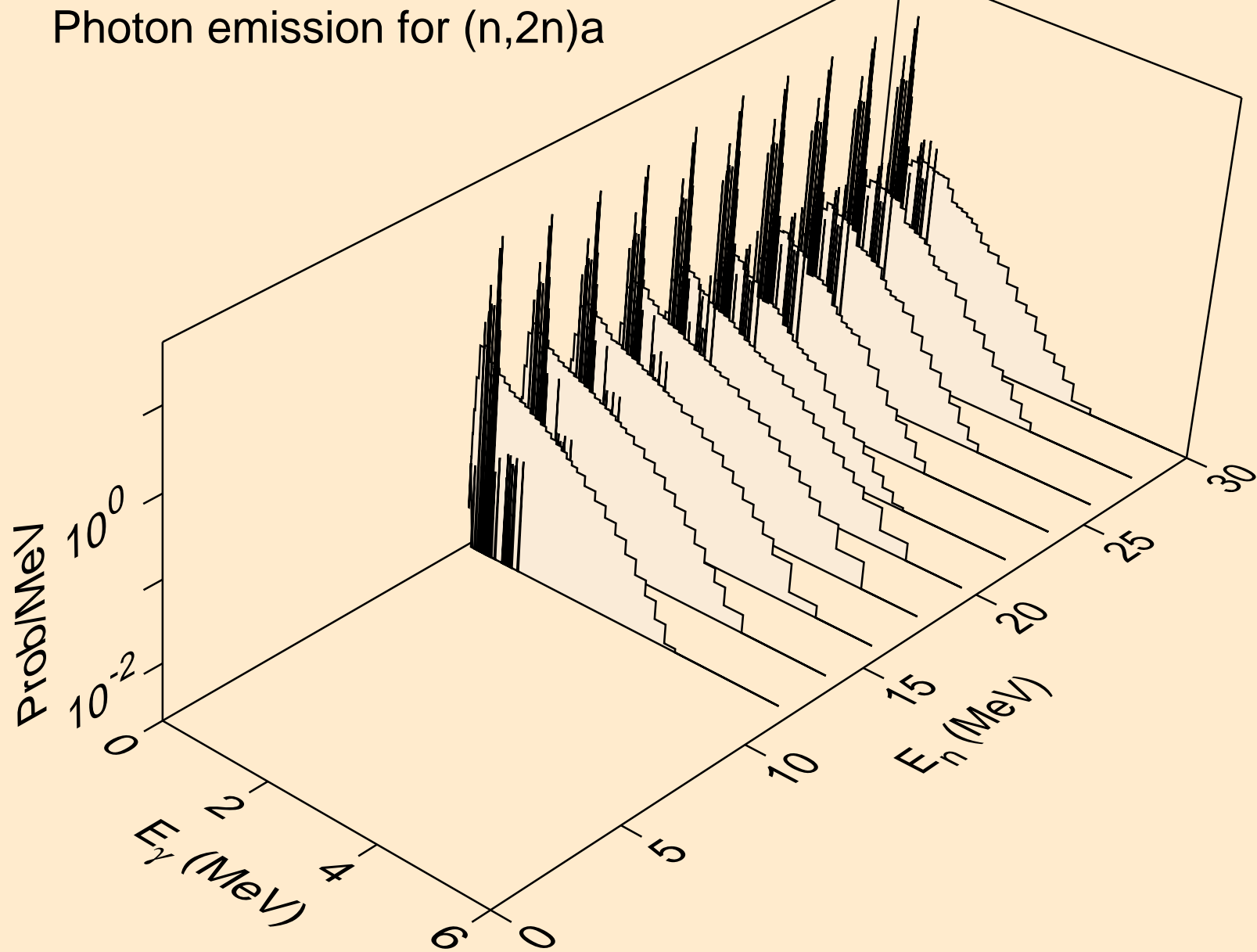


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

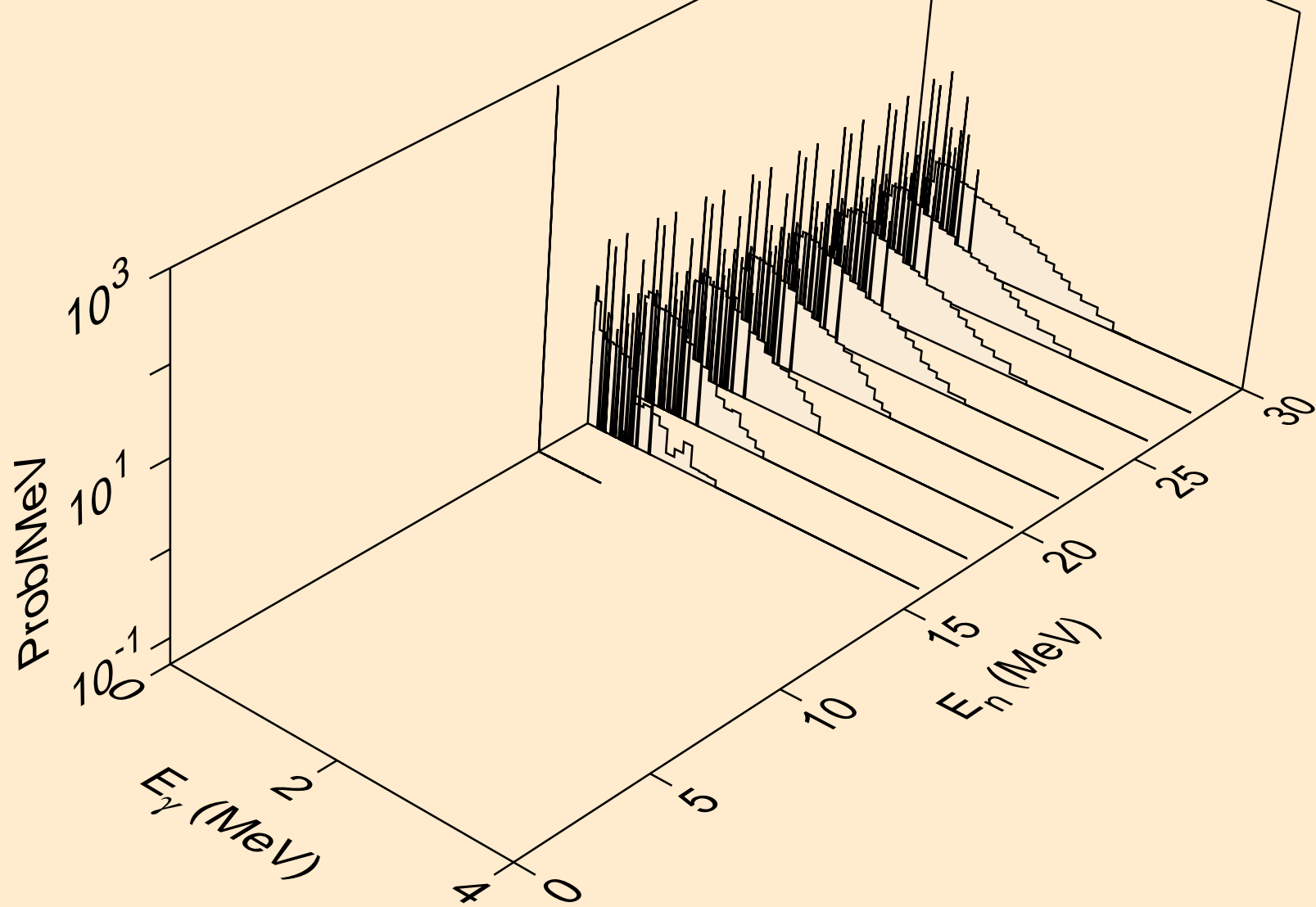




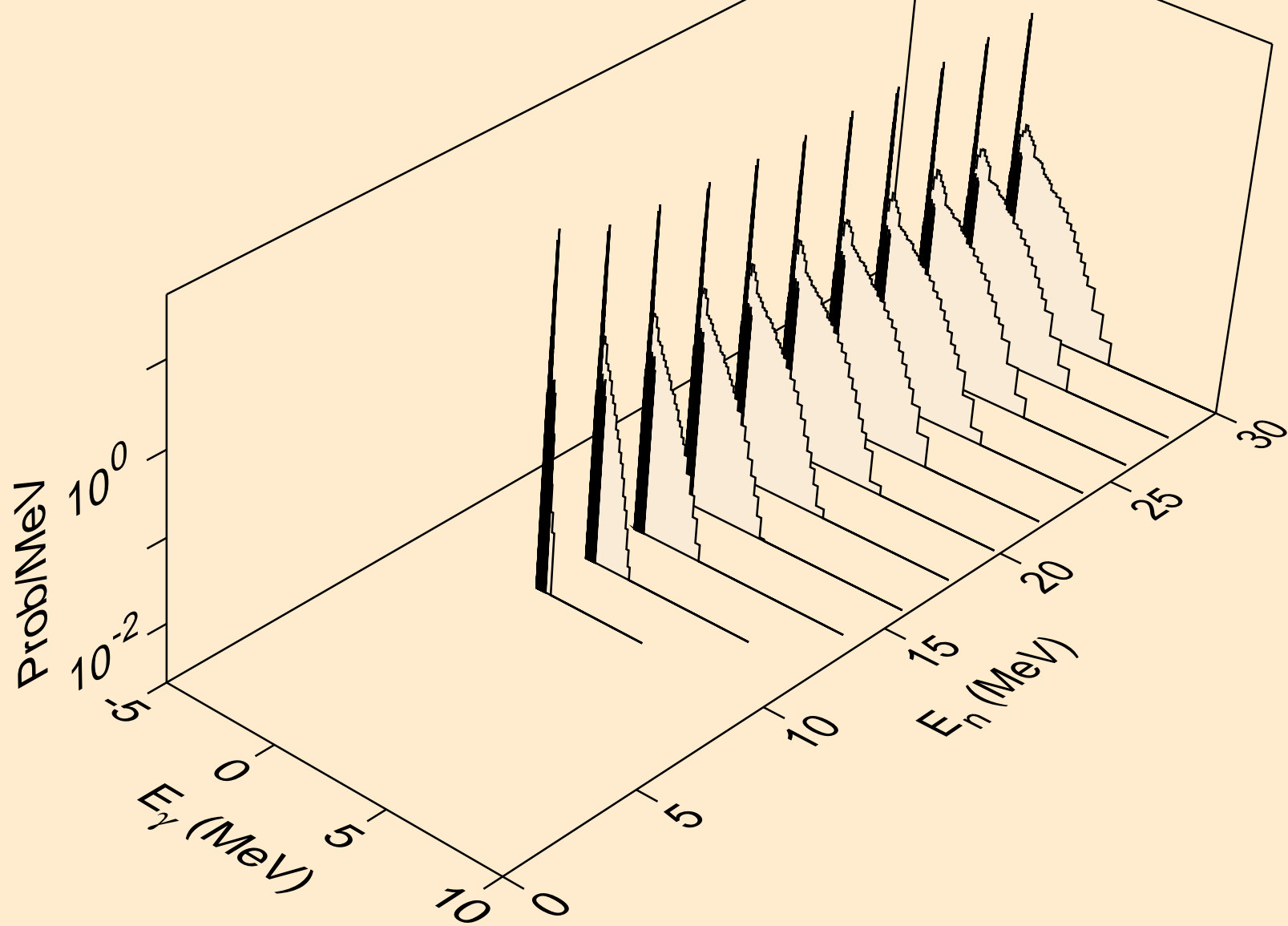
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



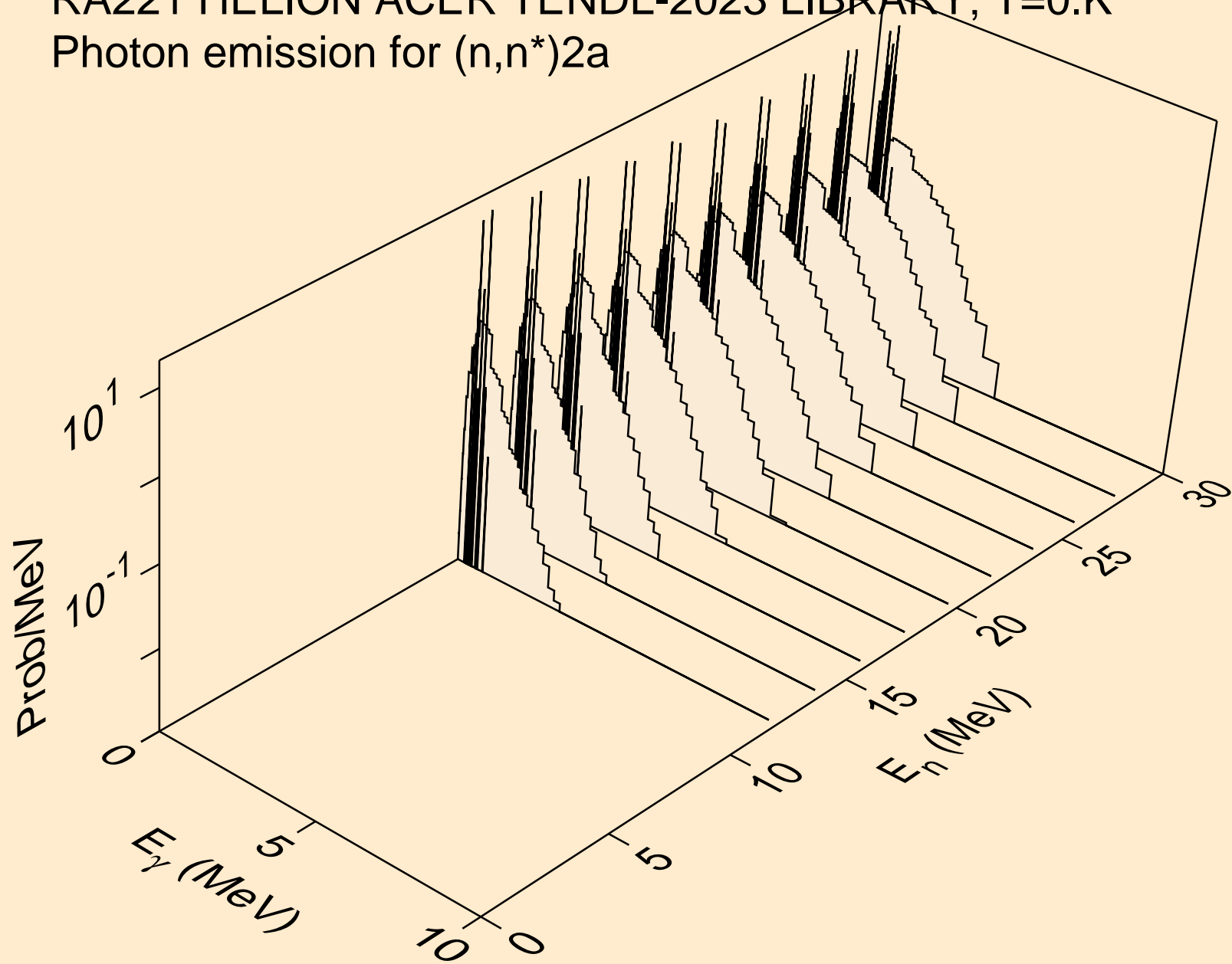
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



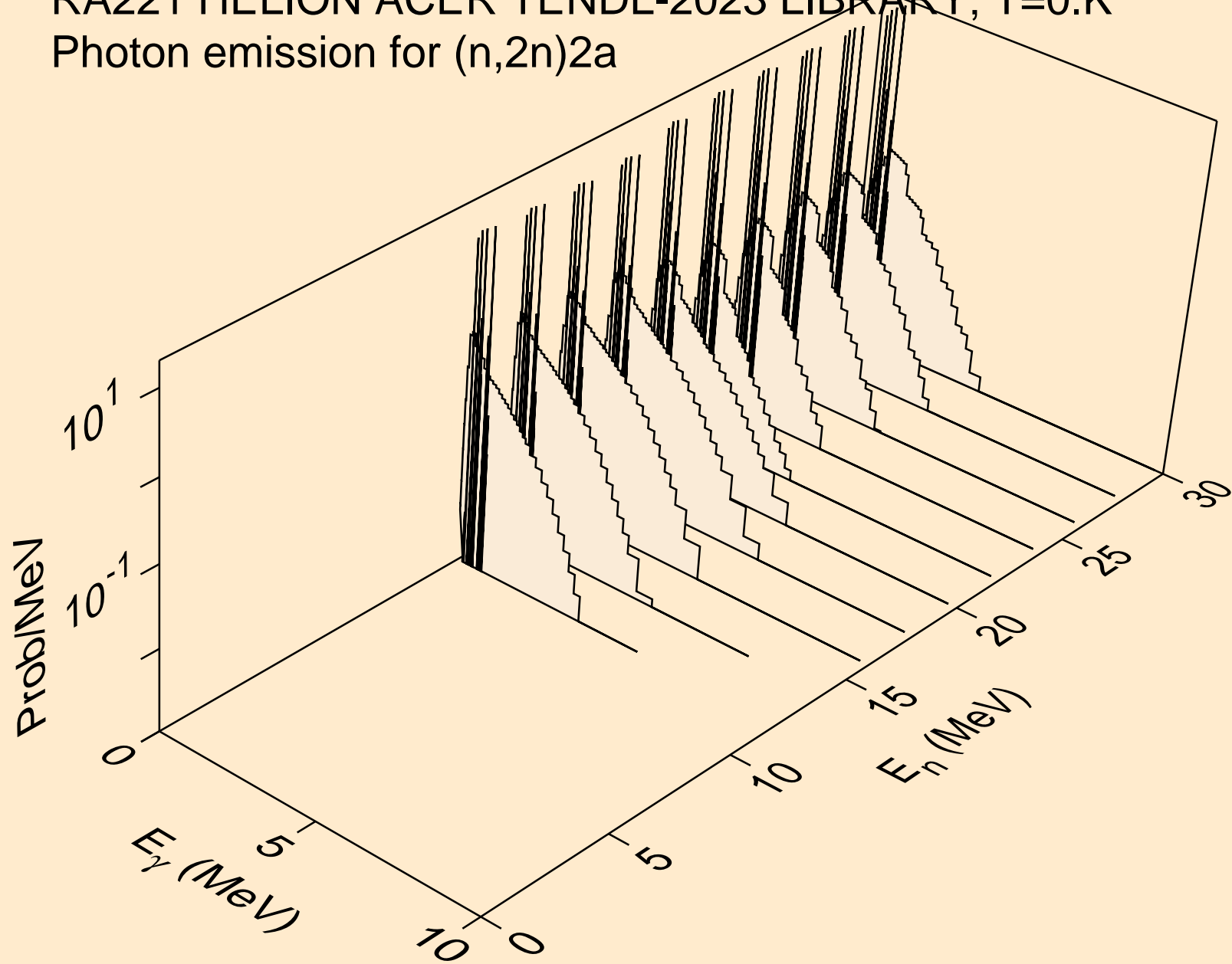
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



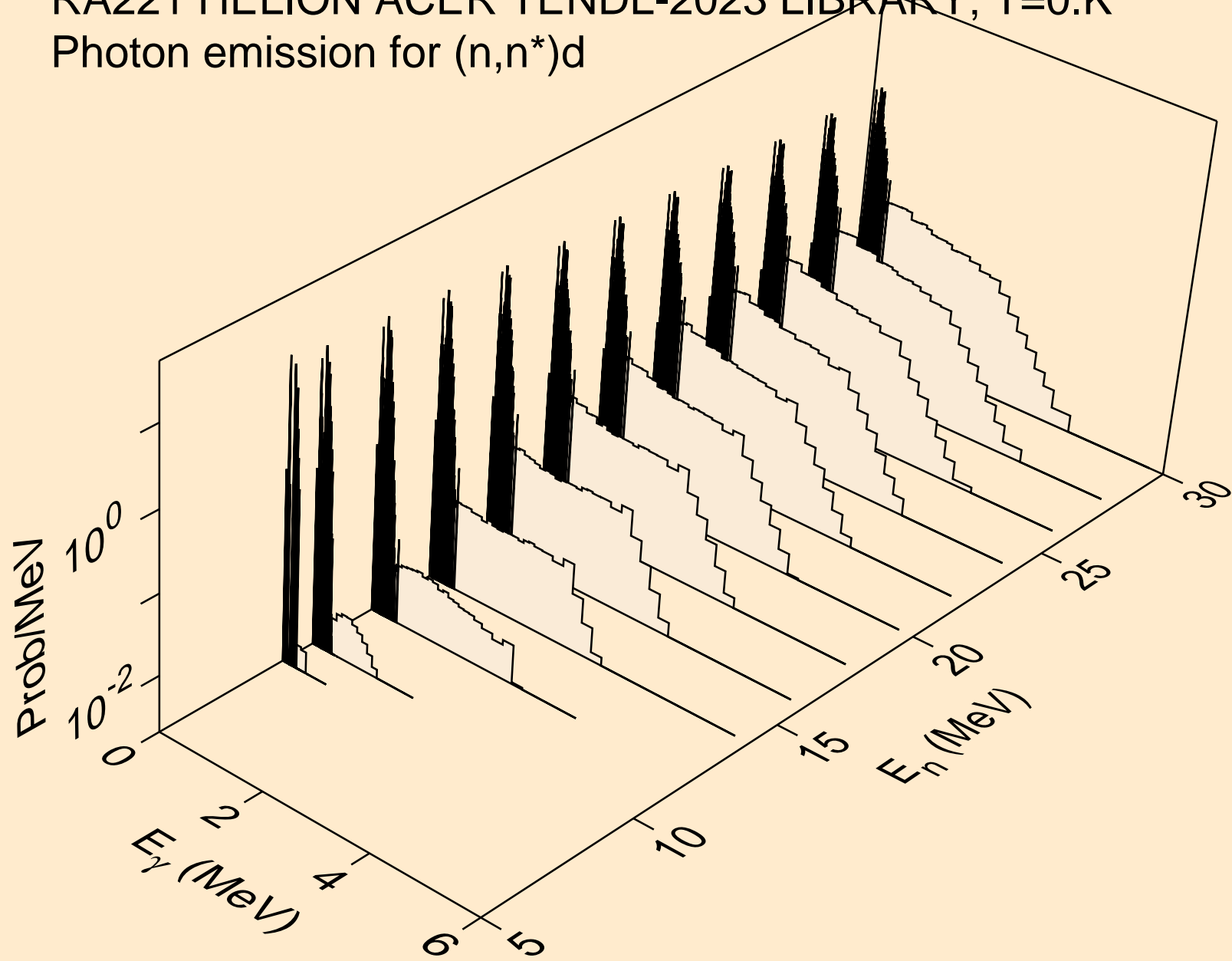
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



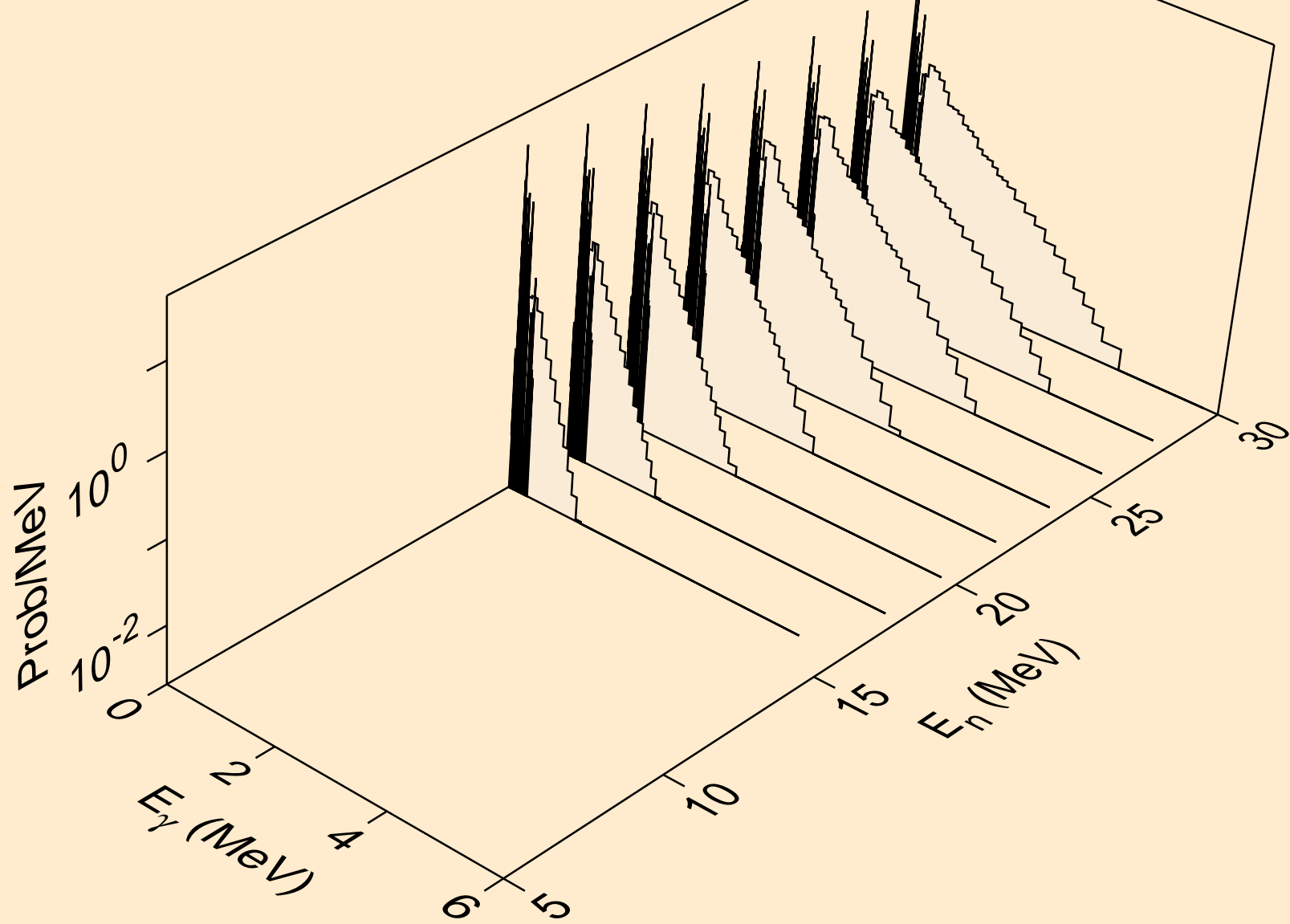
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



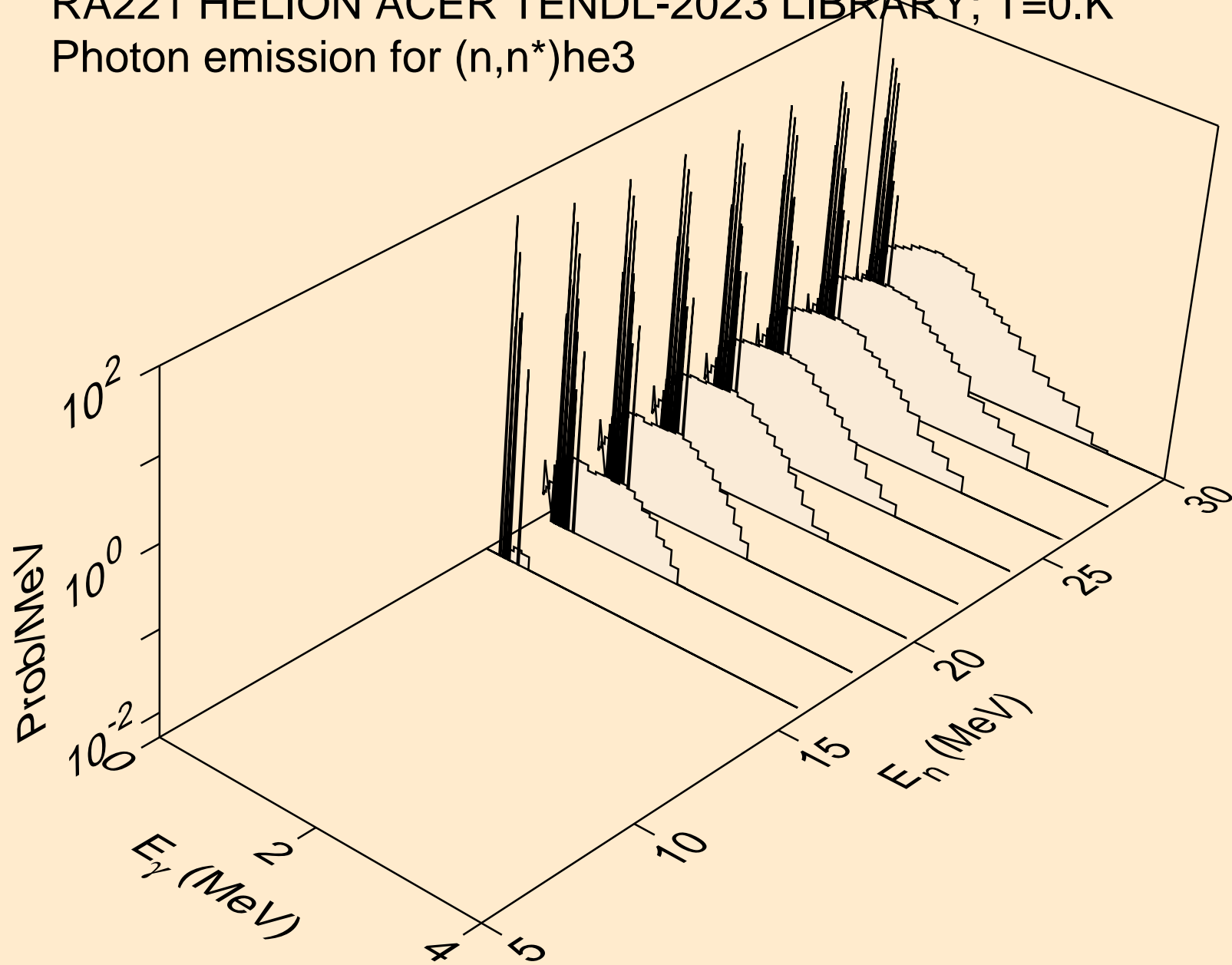
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

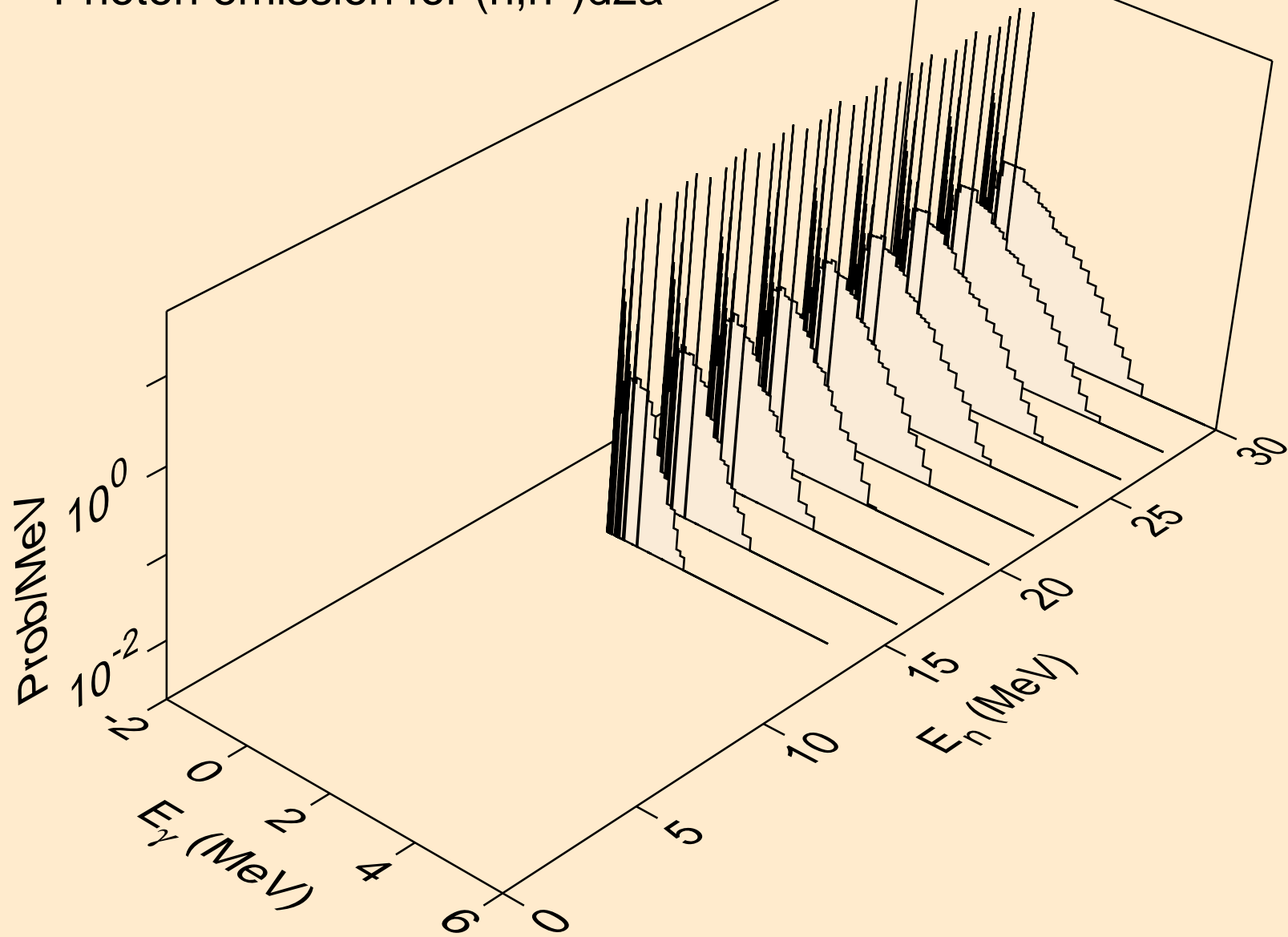


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

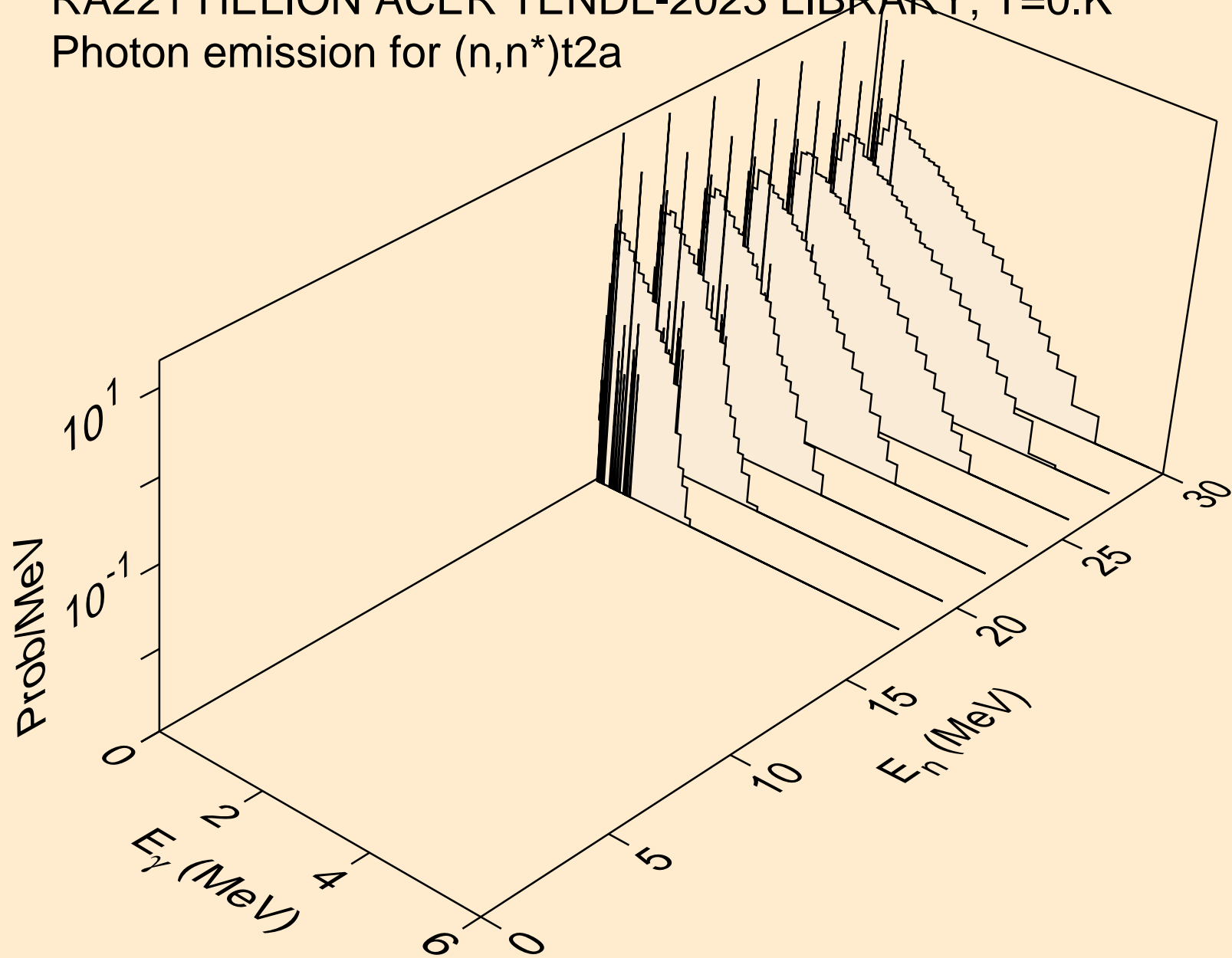




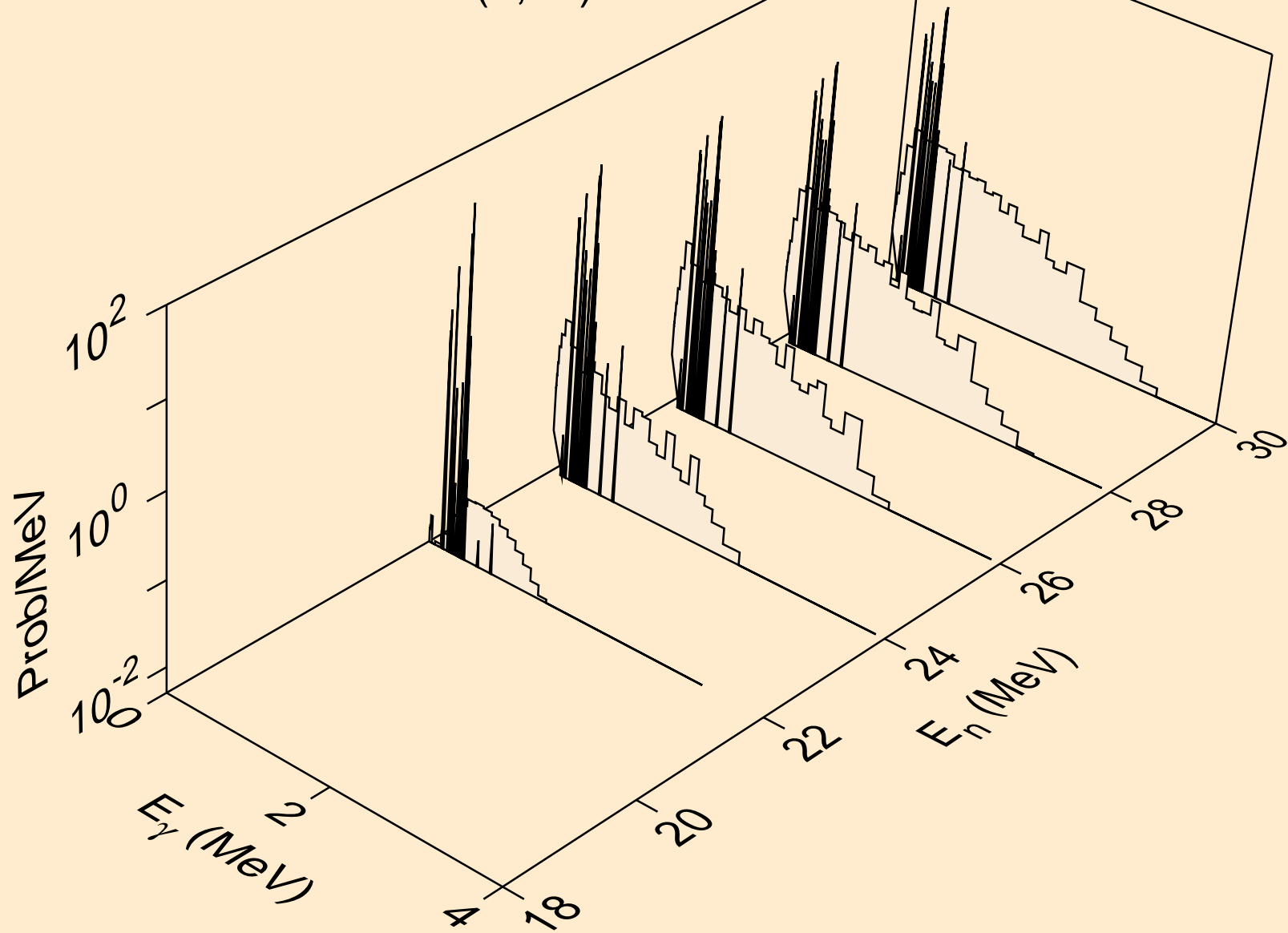
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d2a



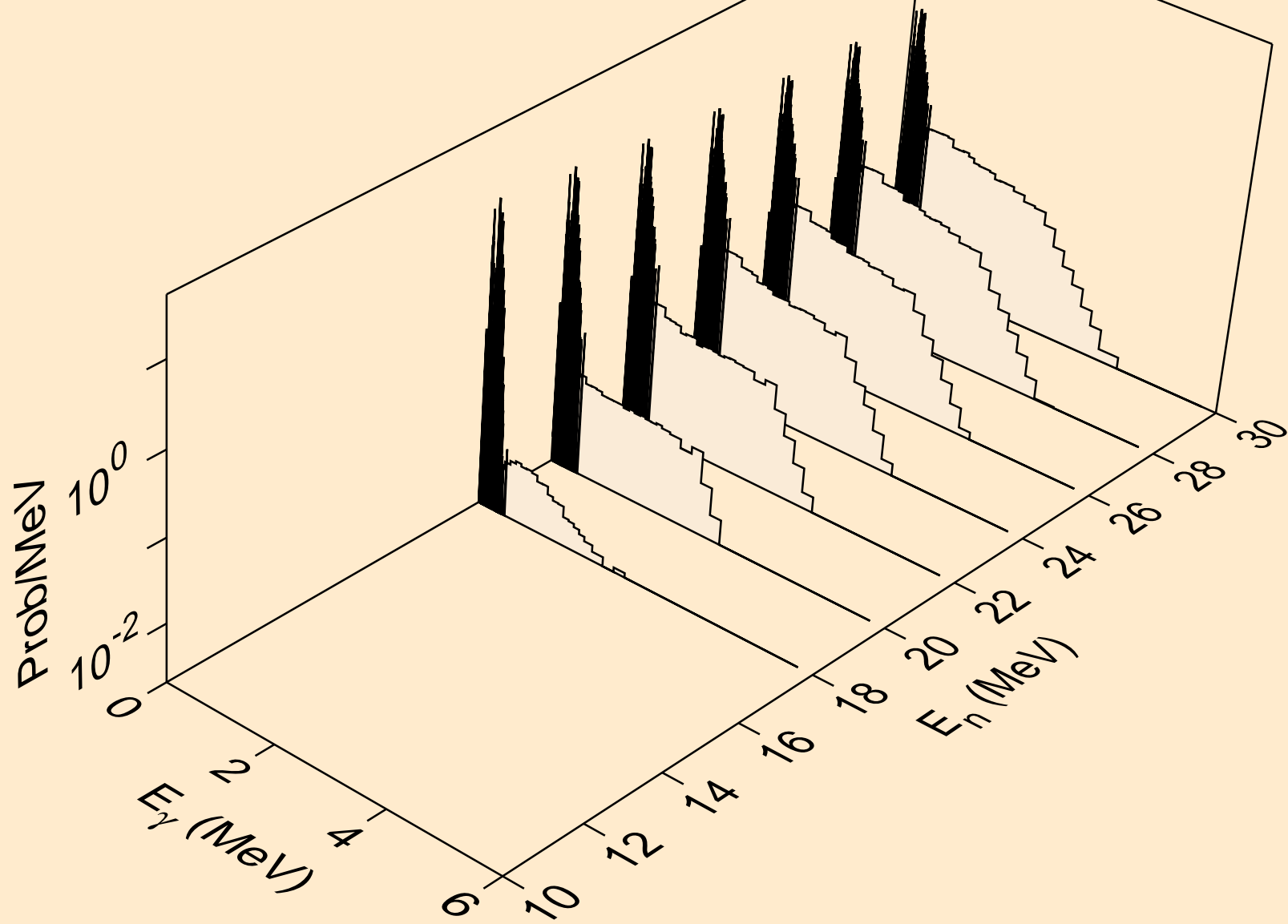
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t2a



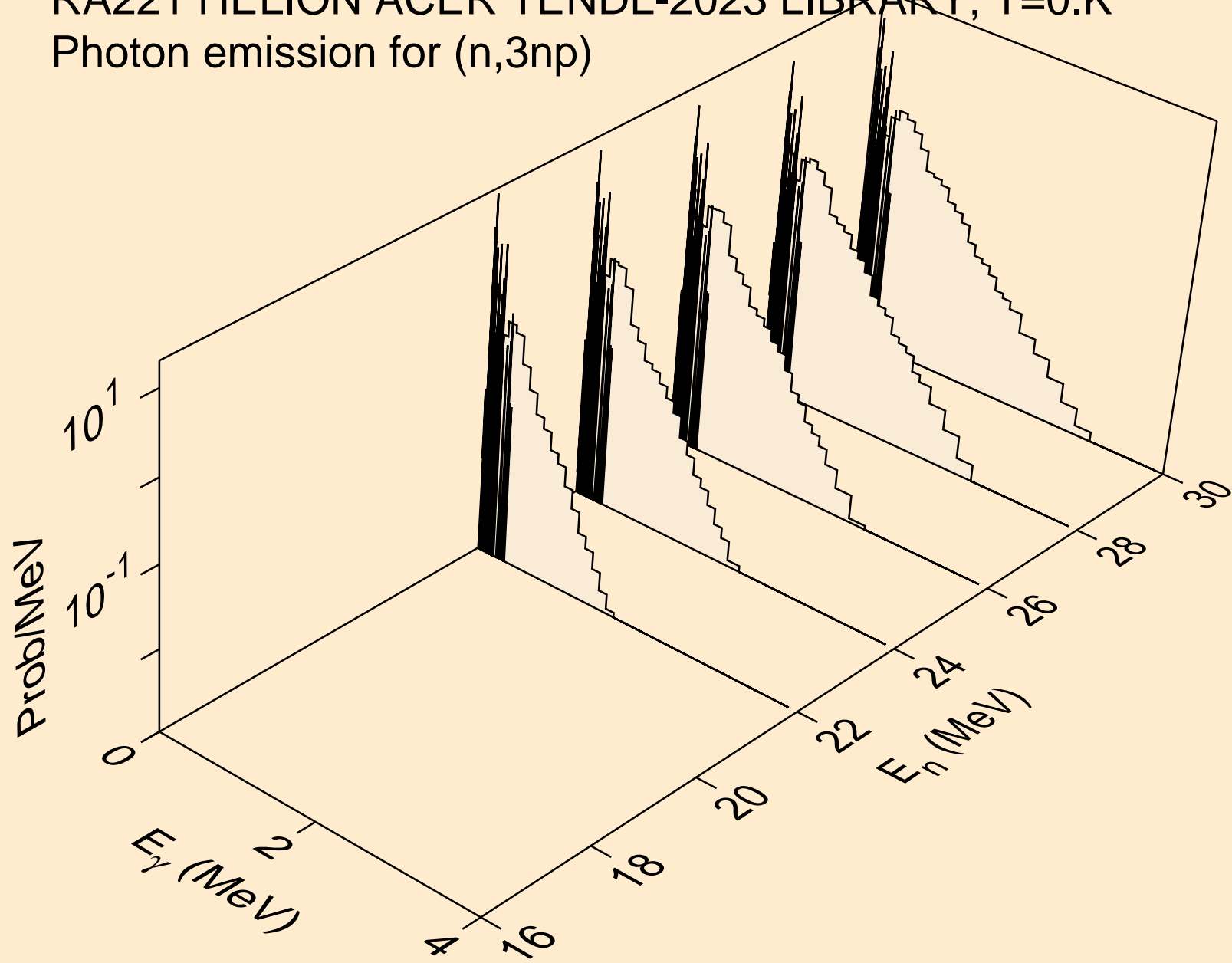
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



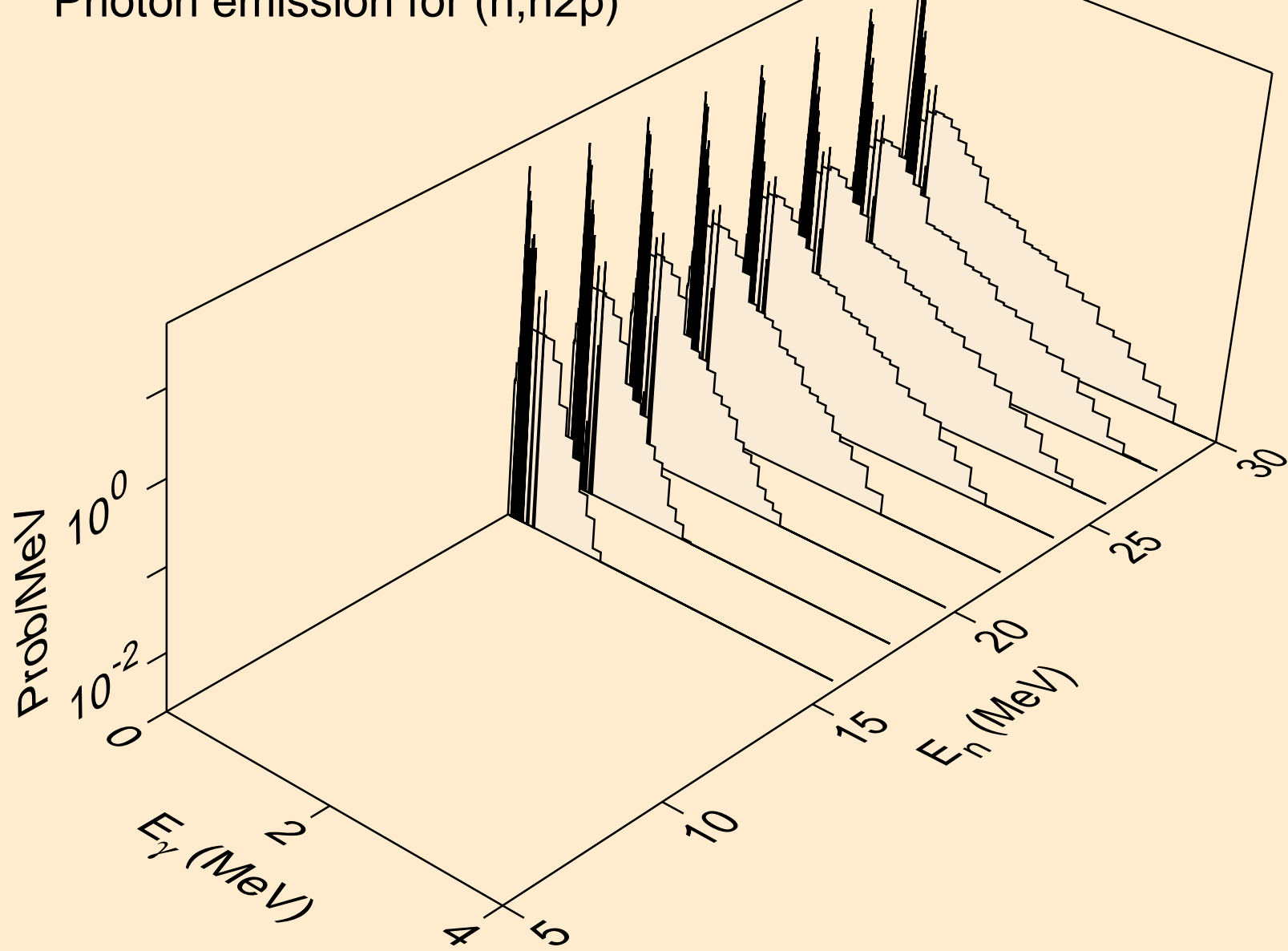
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



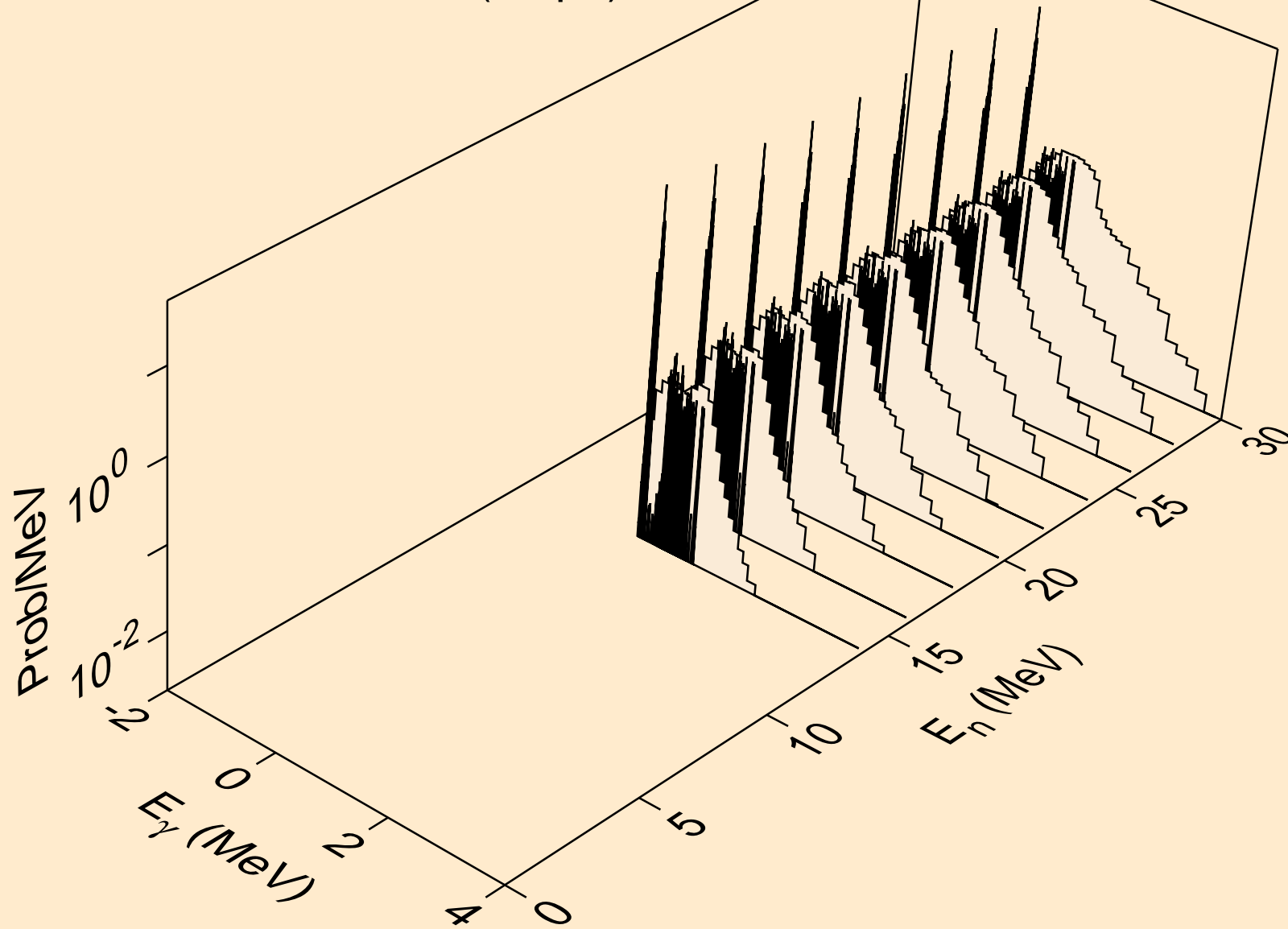
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



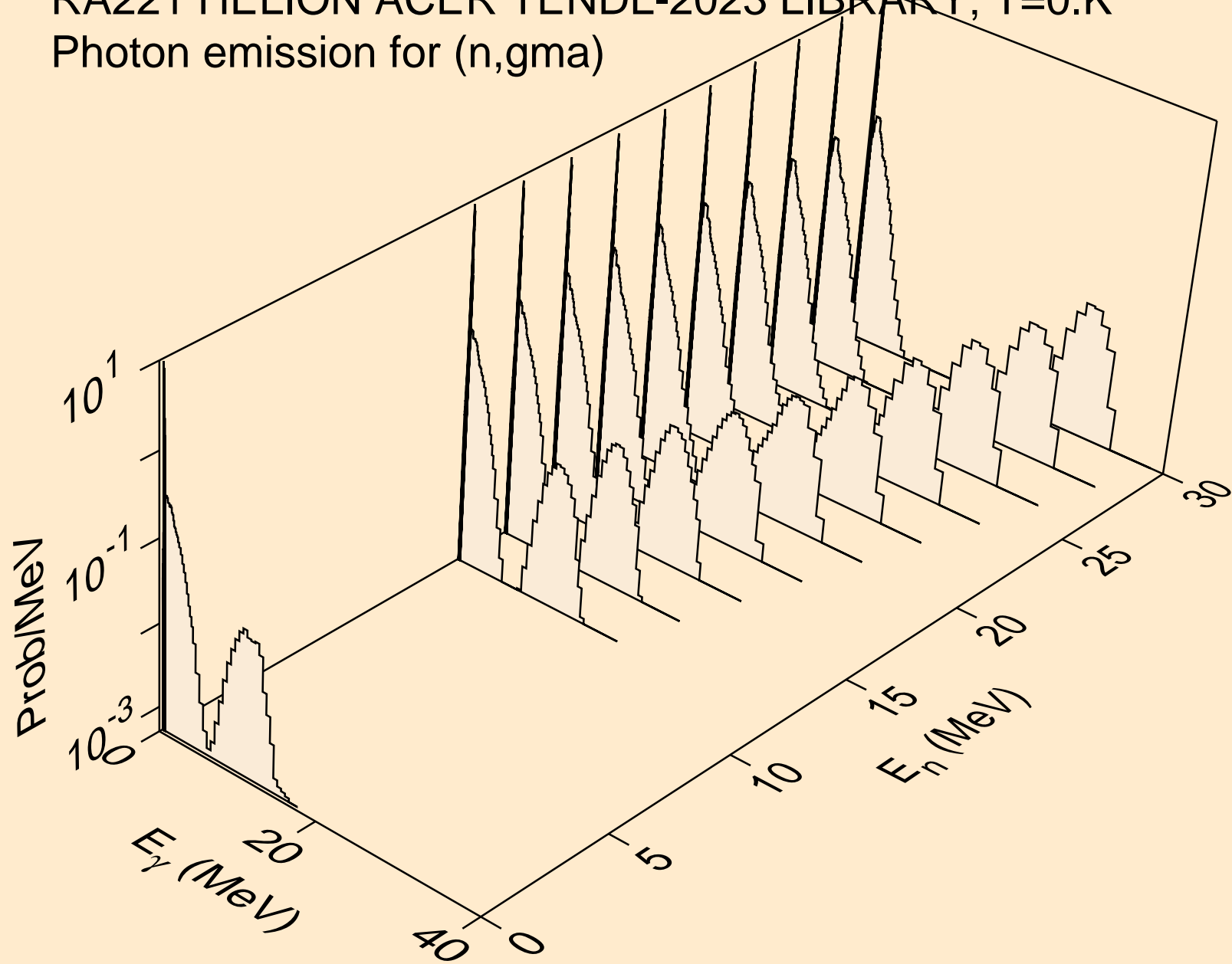
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

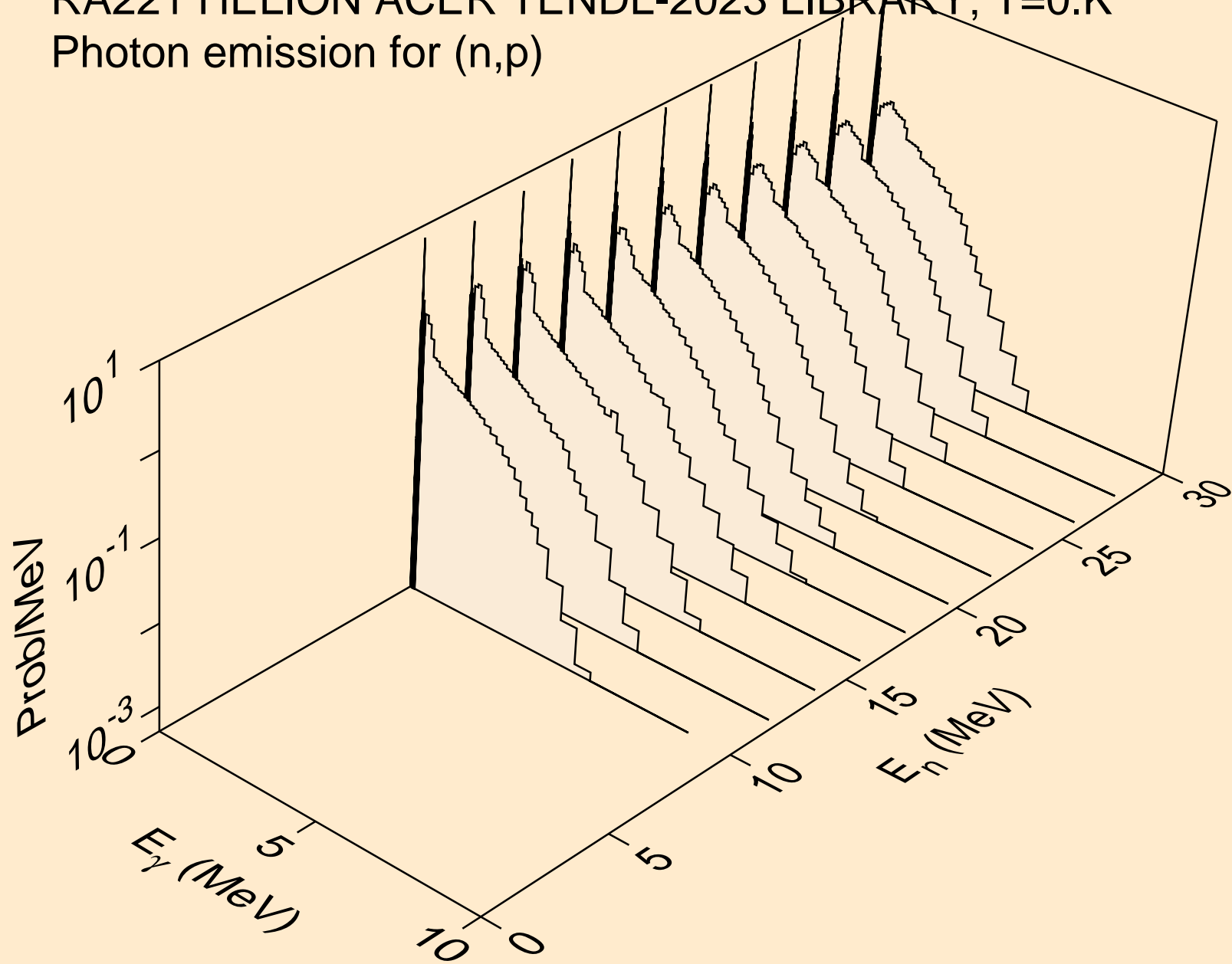


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

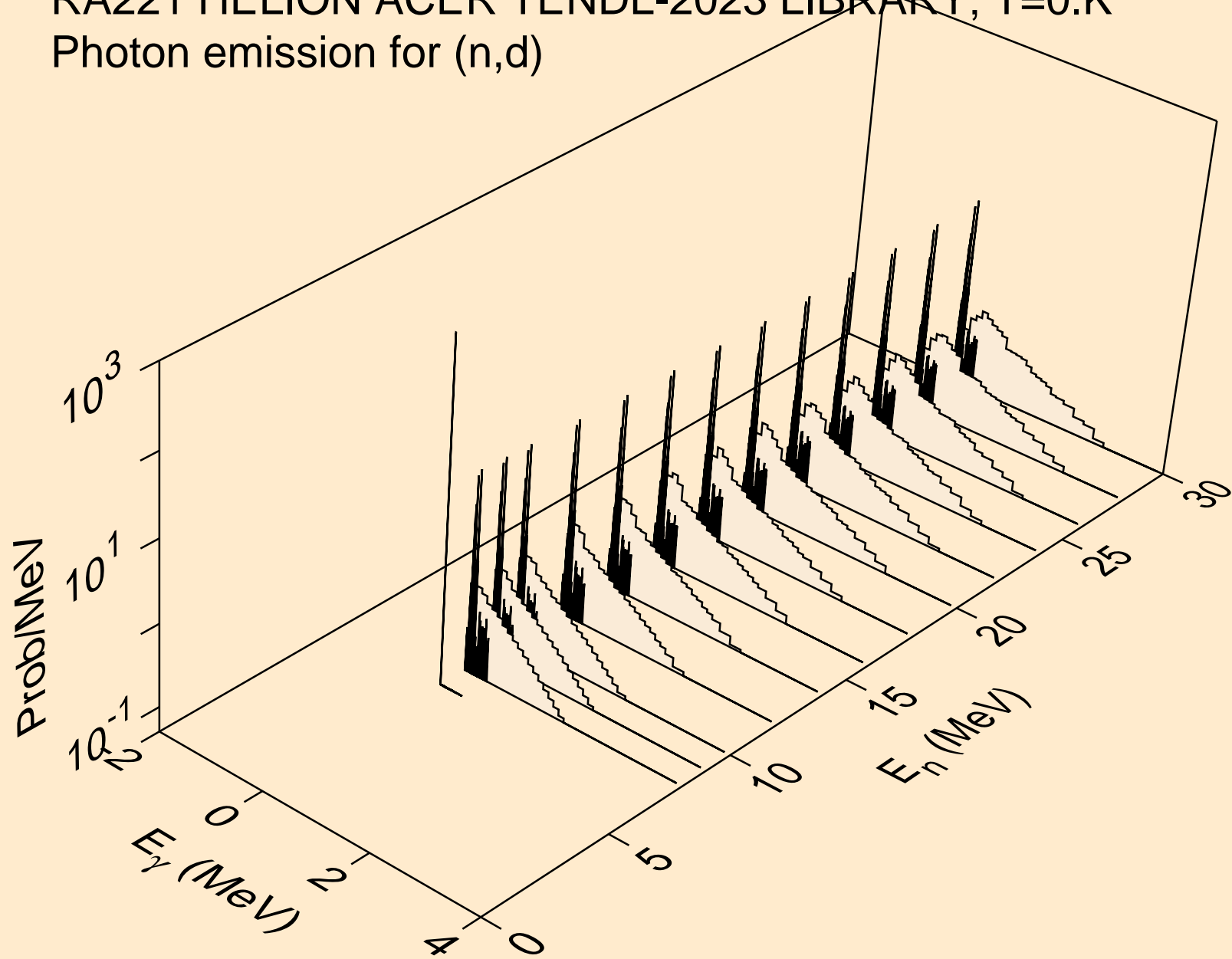




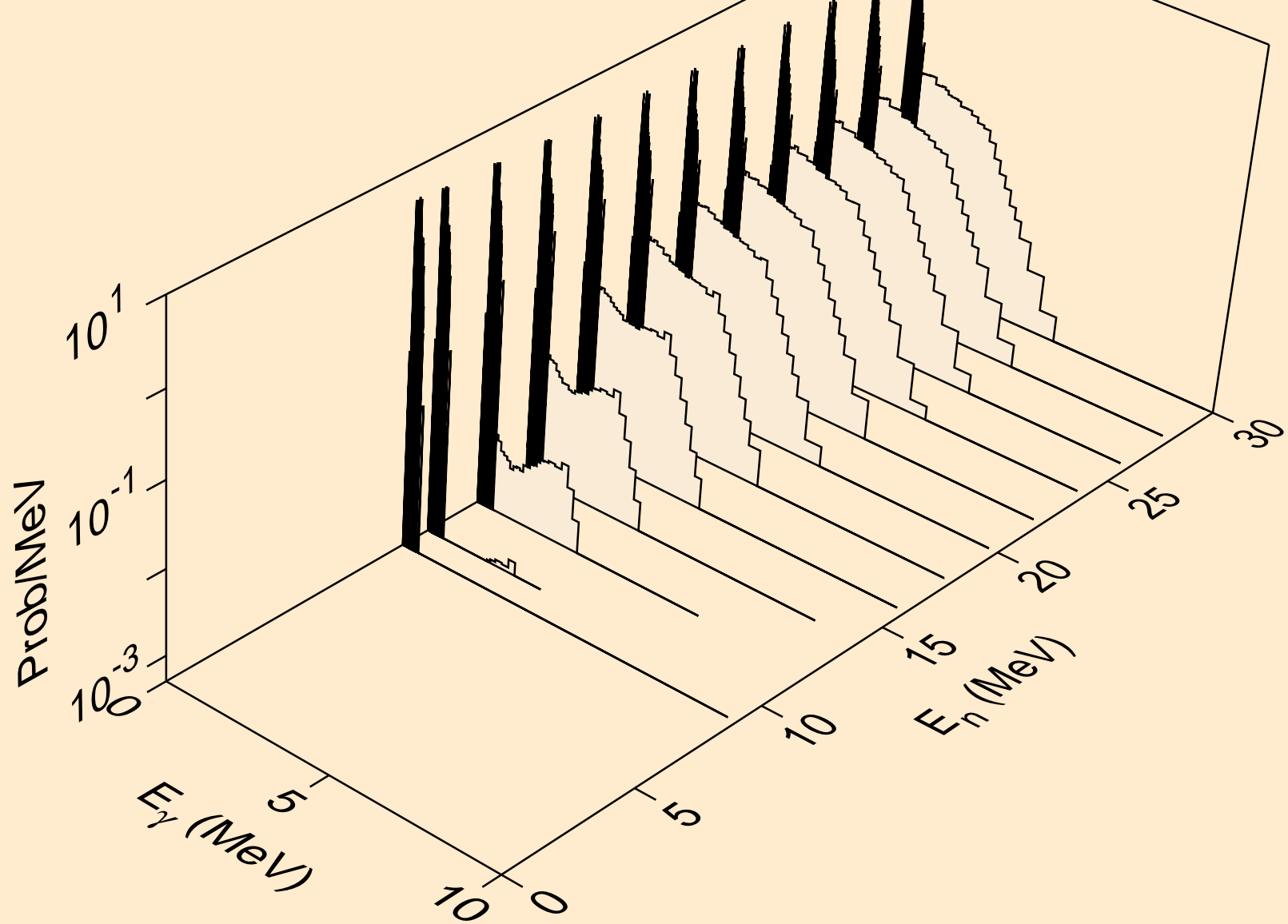
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



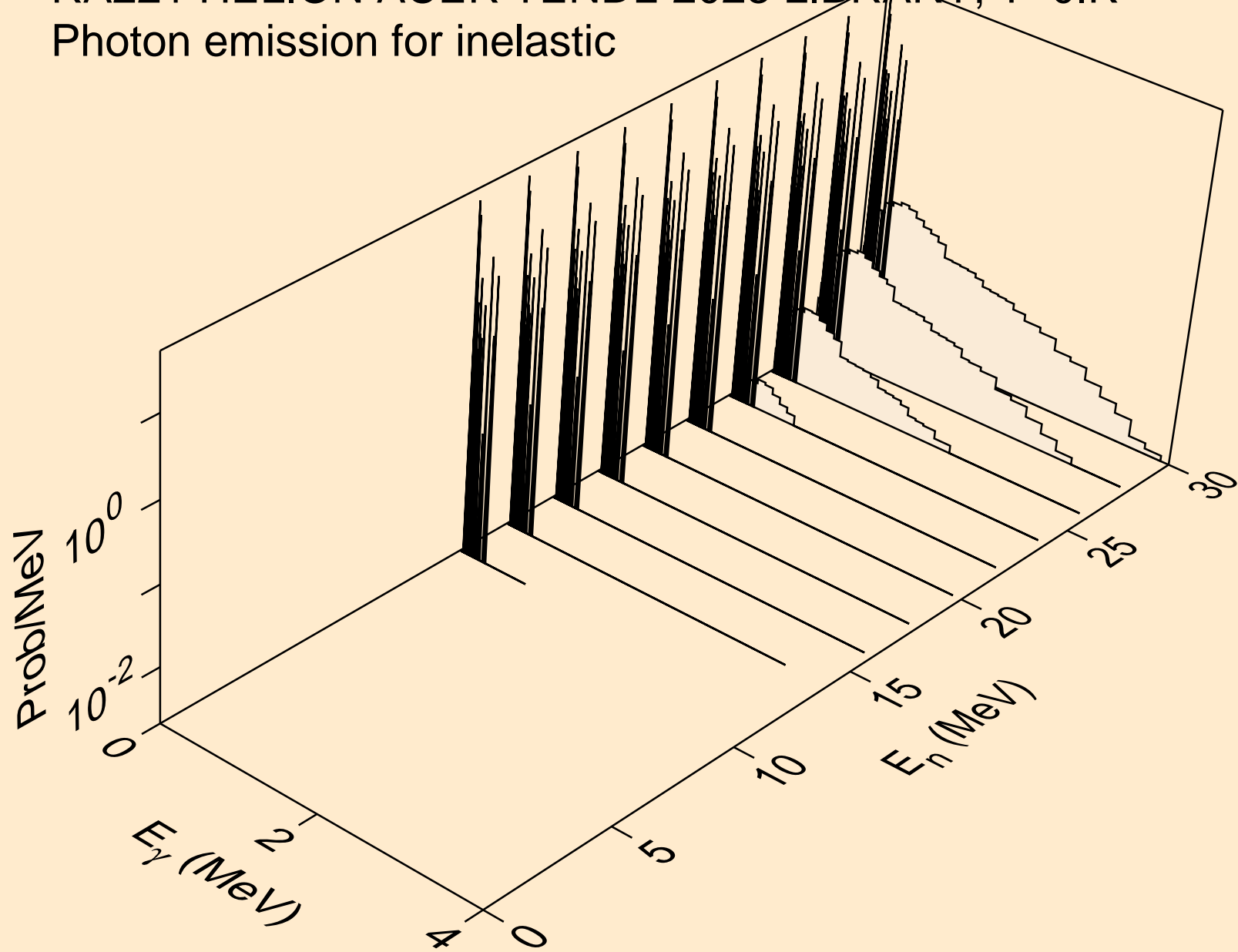
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



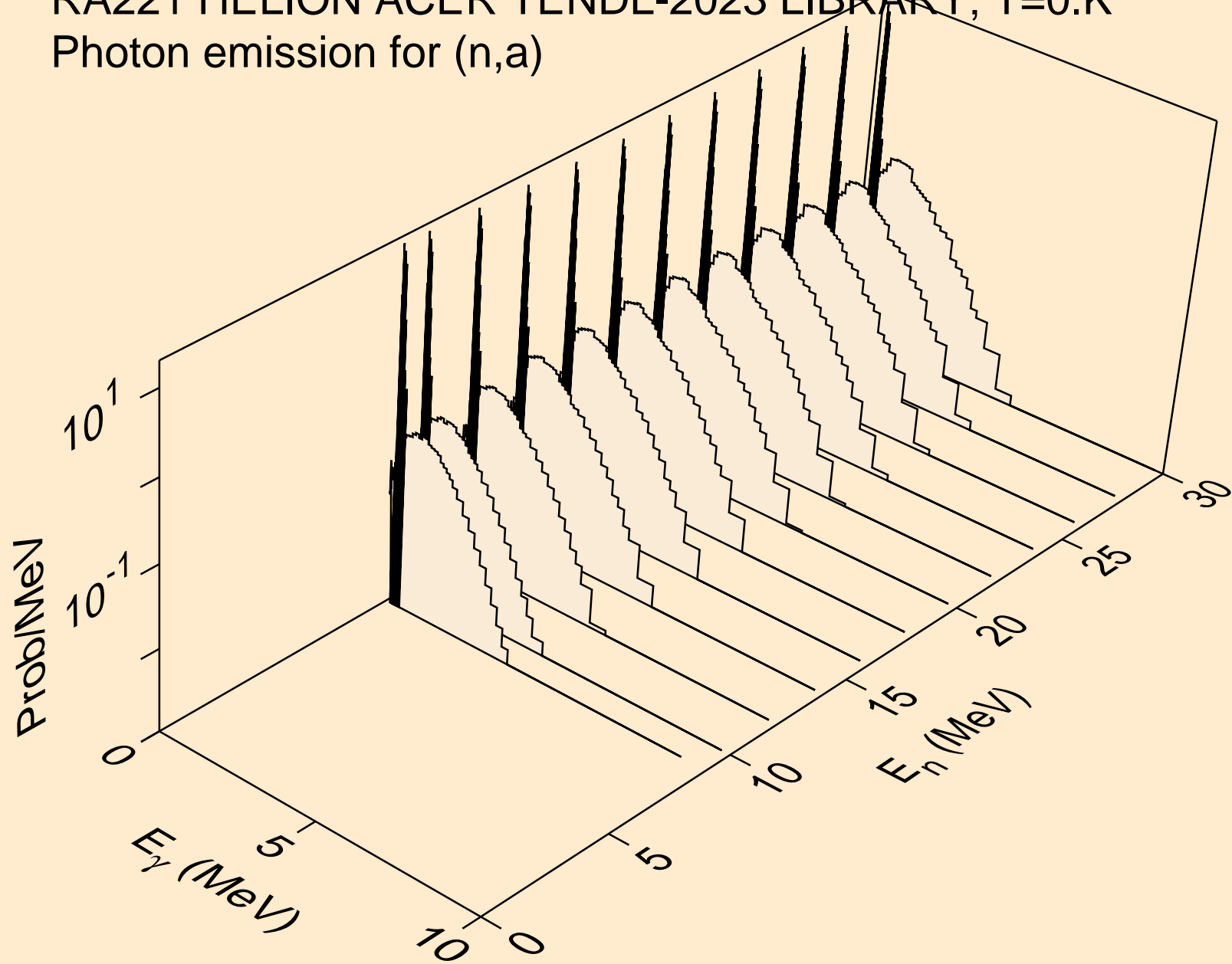
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



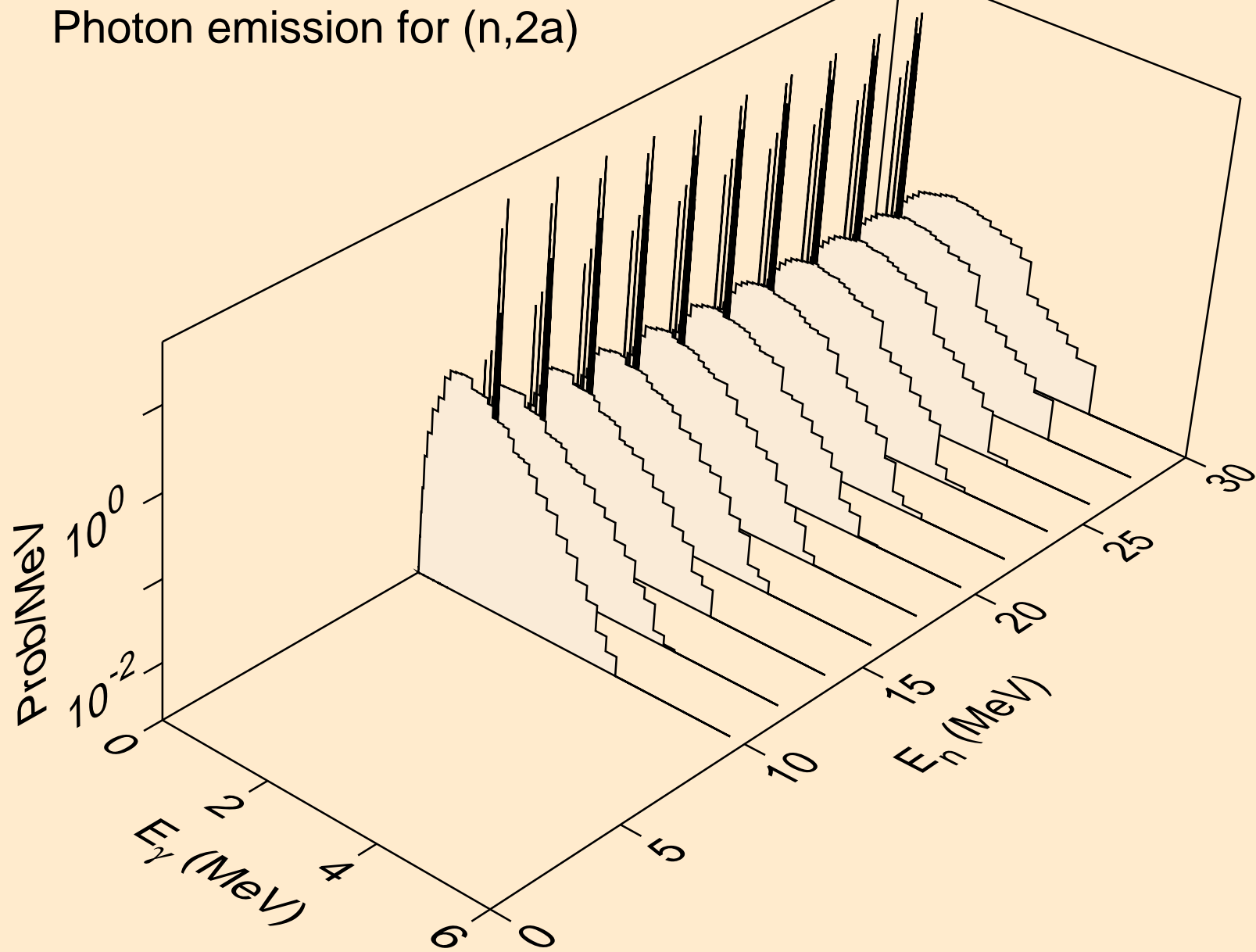
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



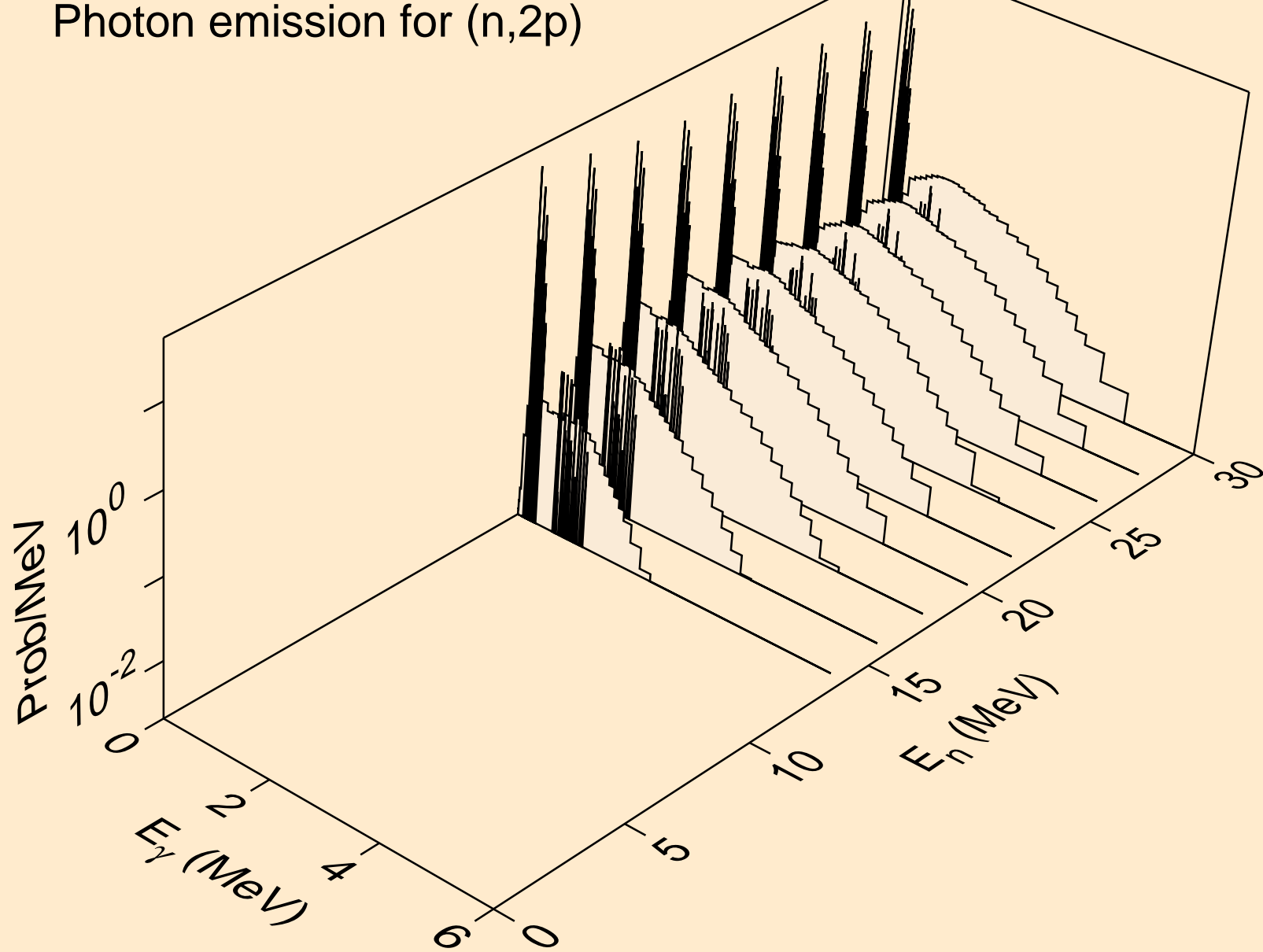
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



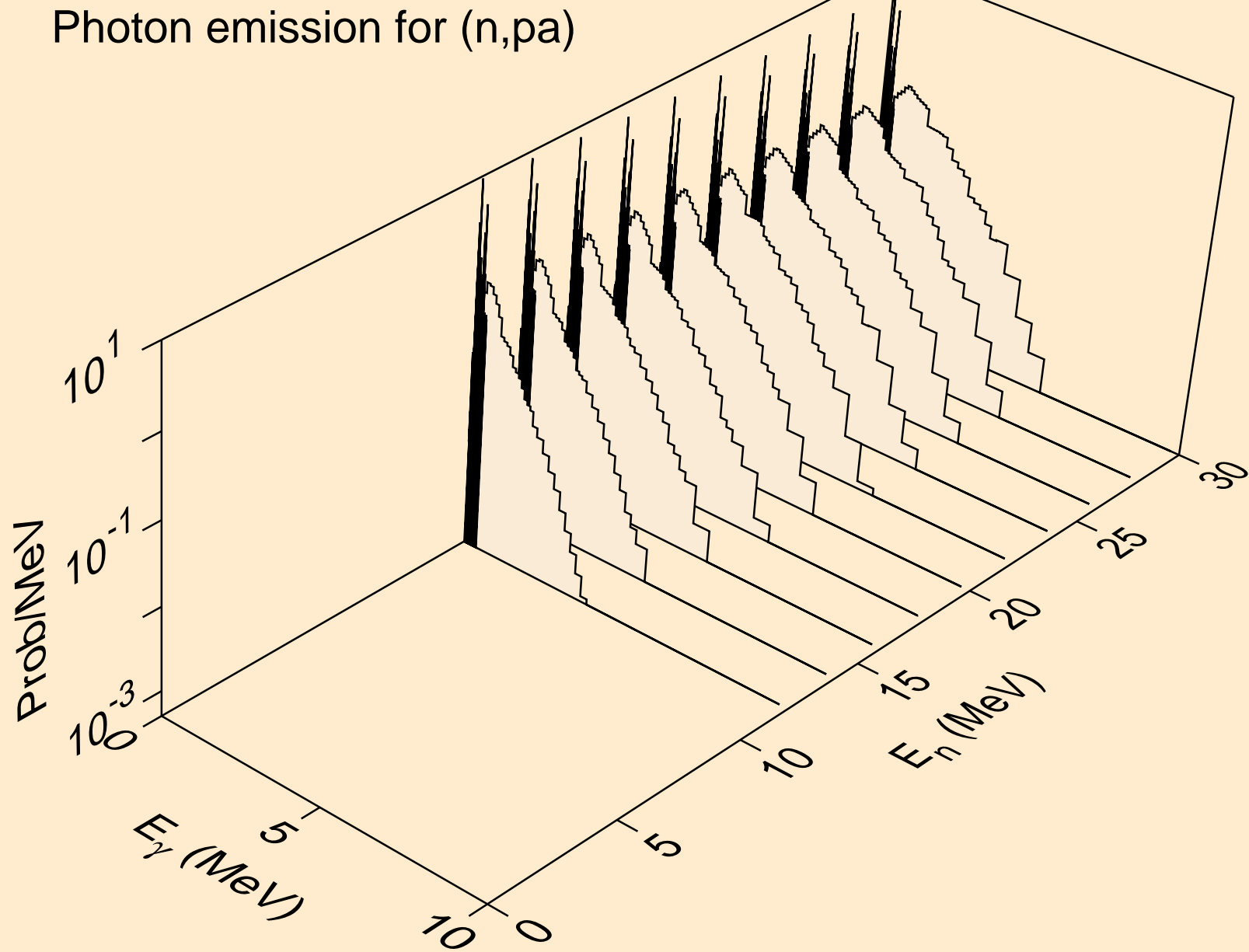
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

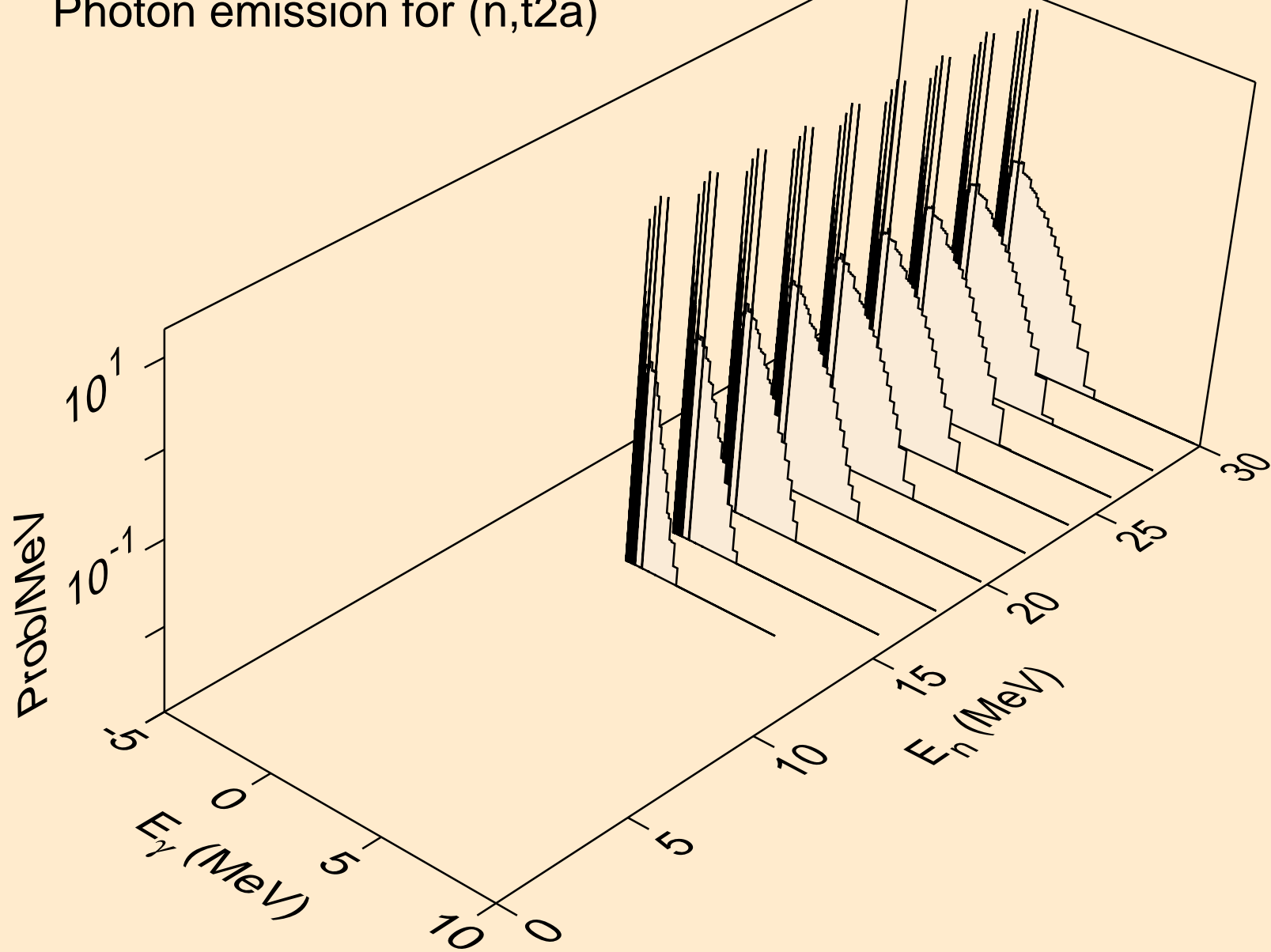


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

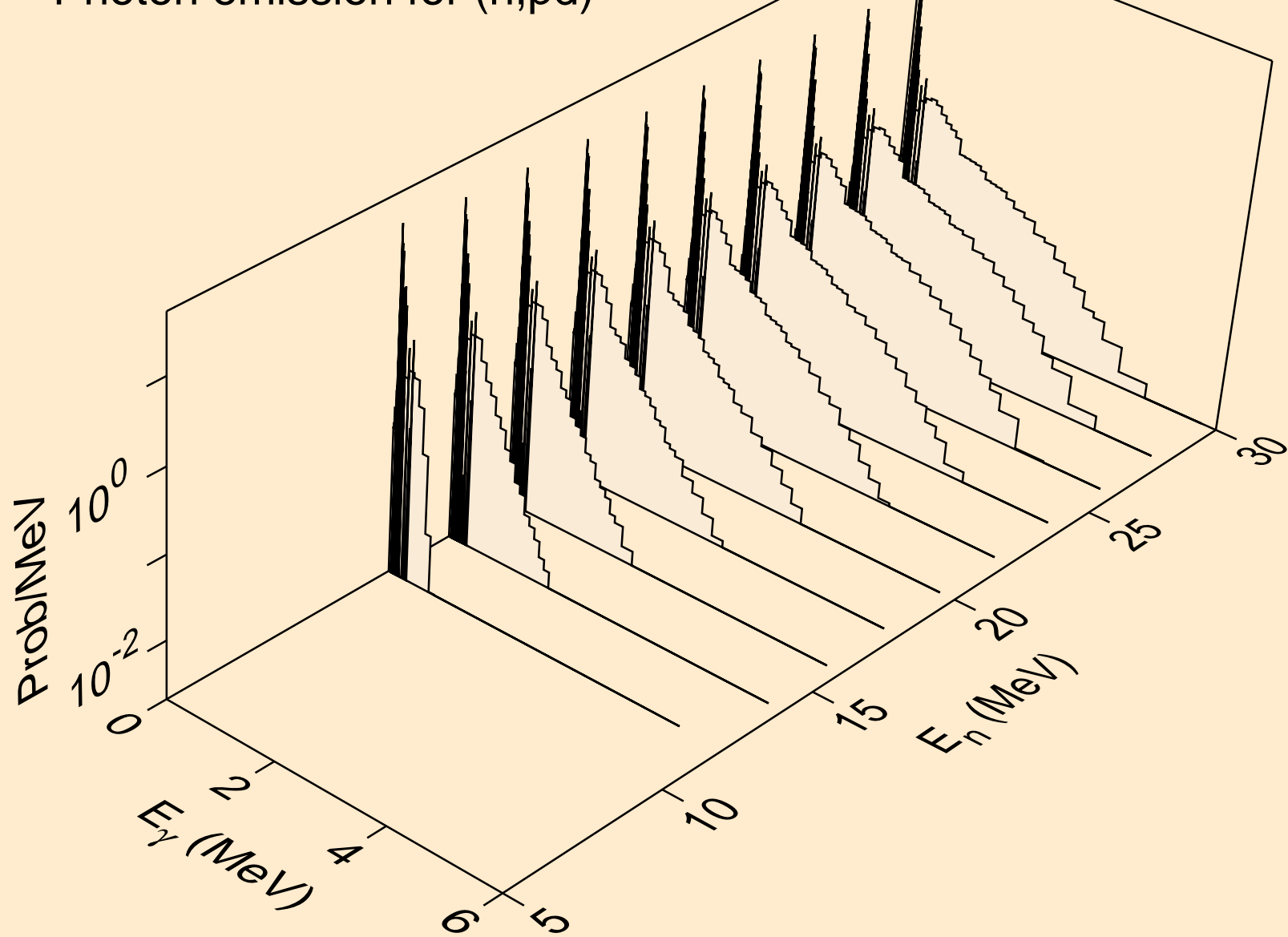




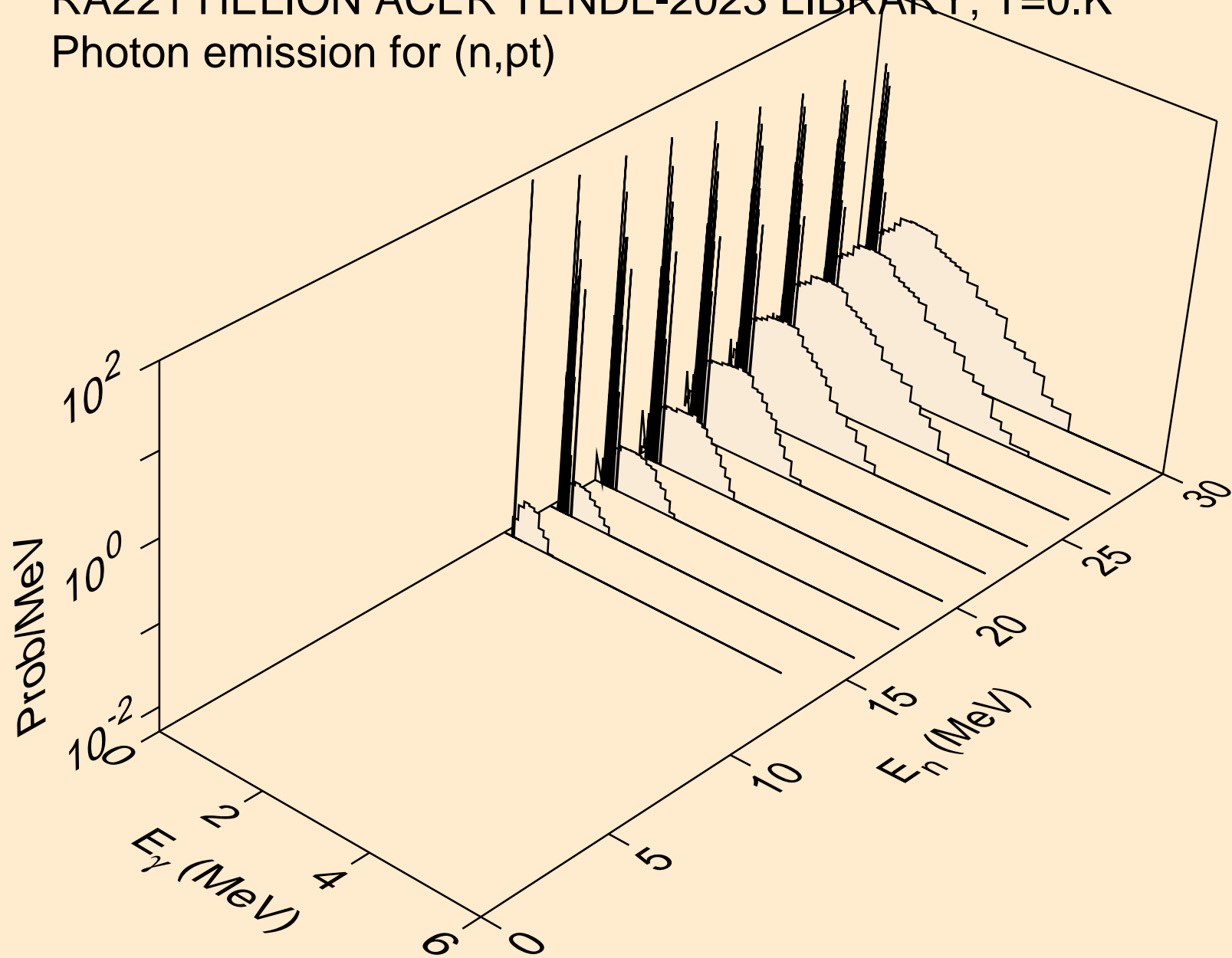
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t2a)



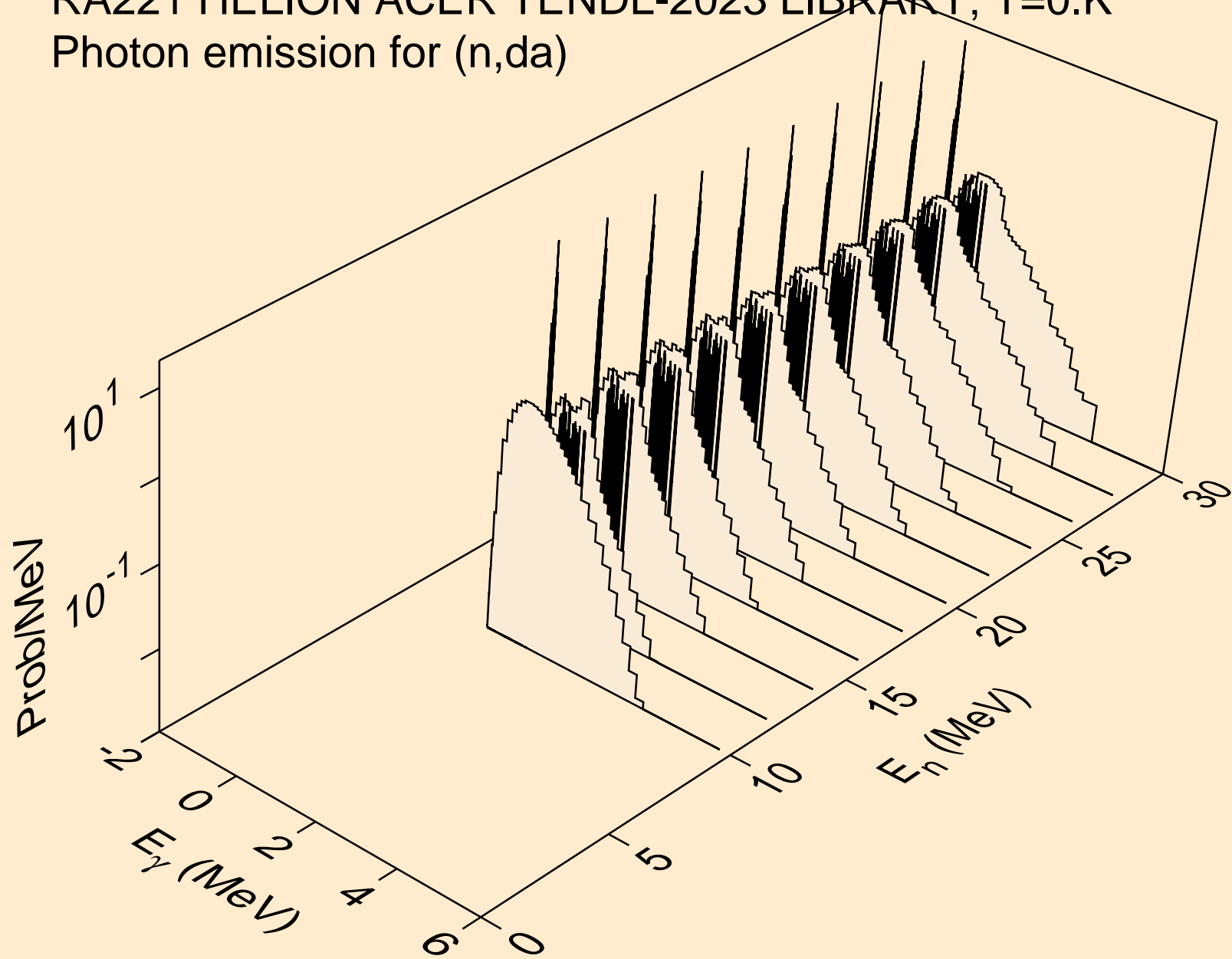
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



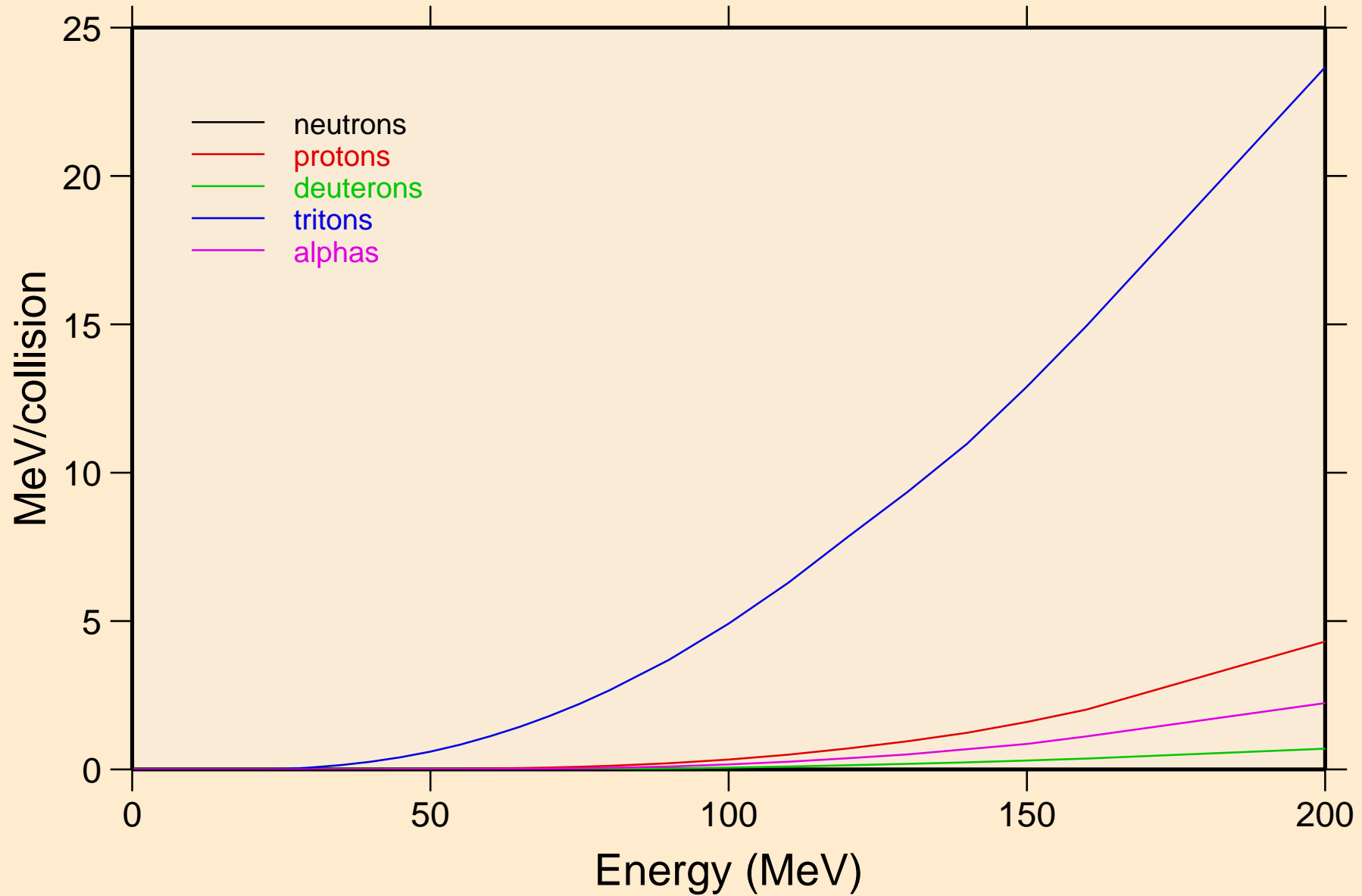
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



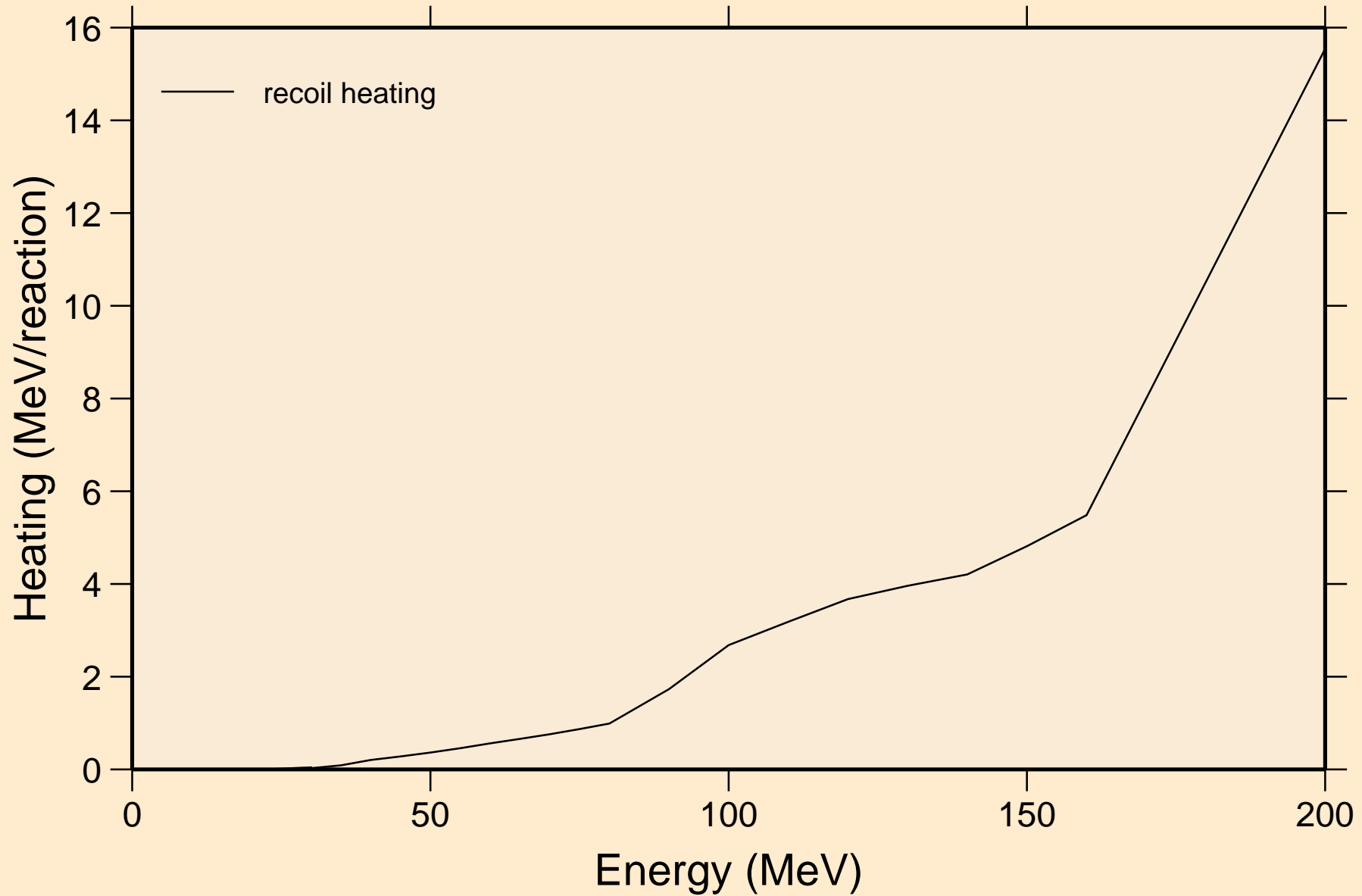
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



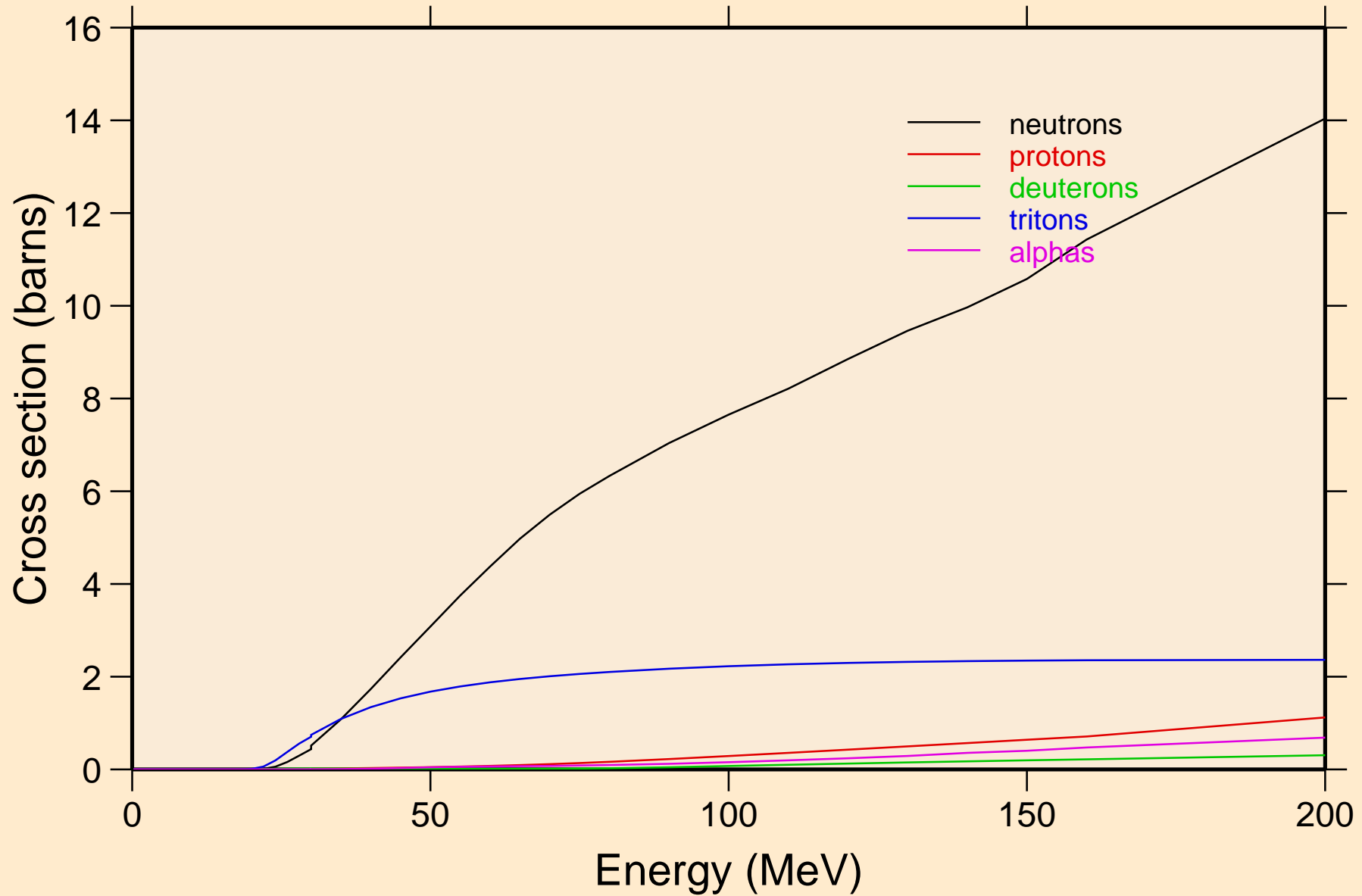
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



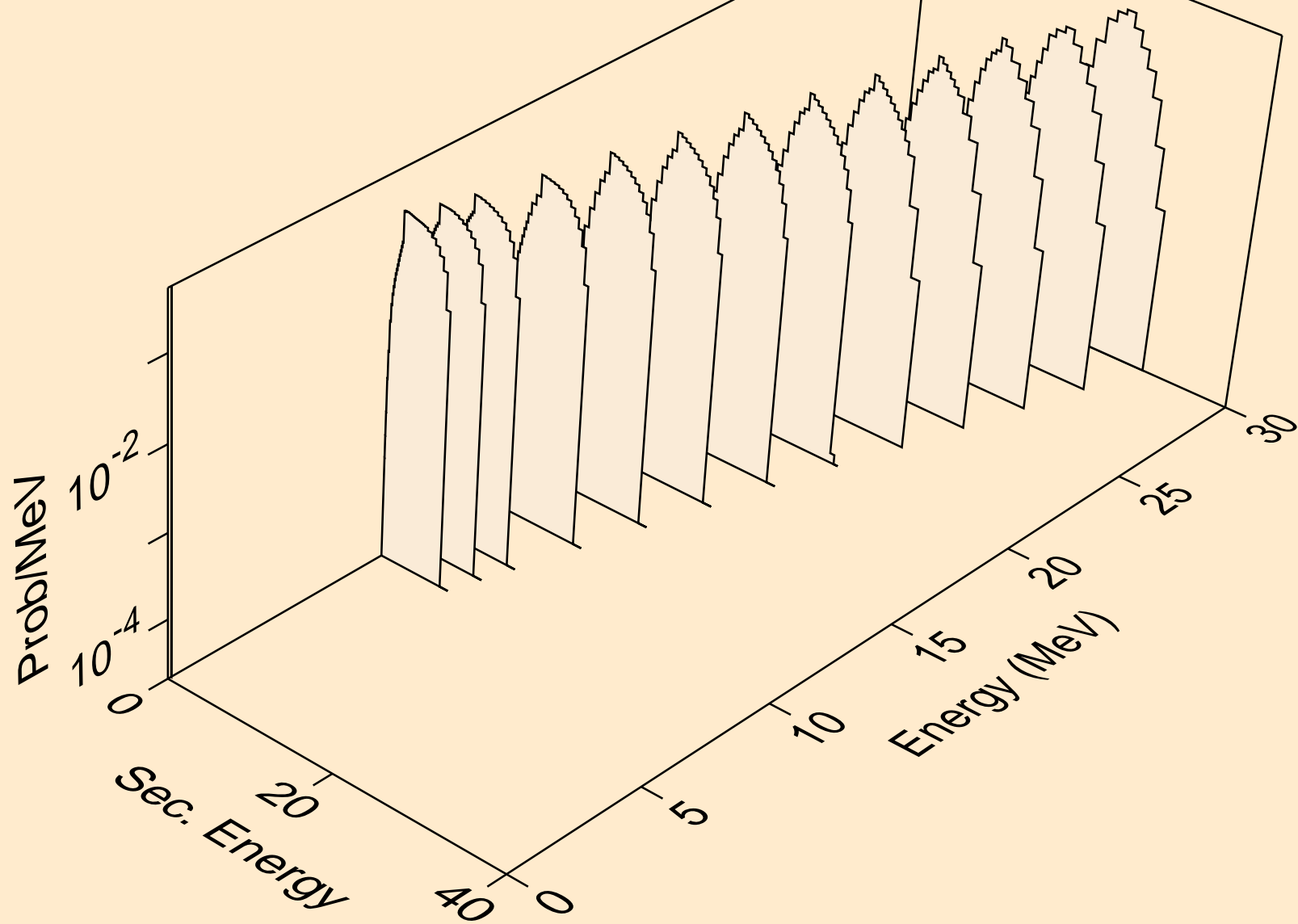
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

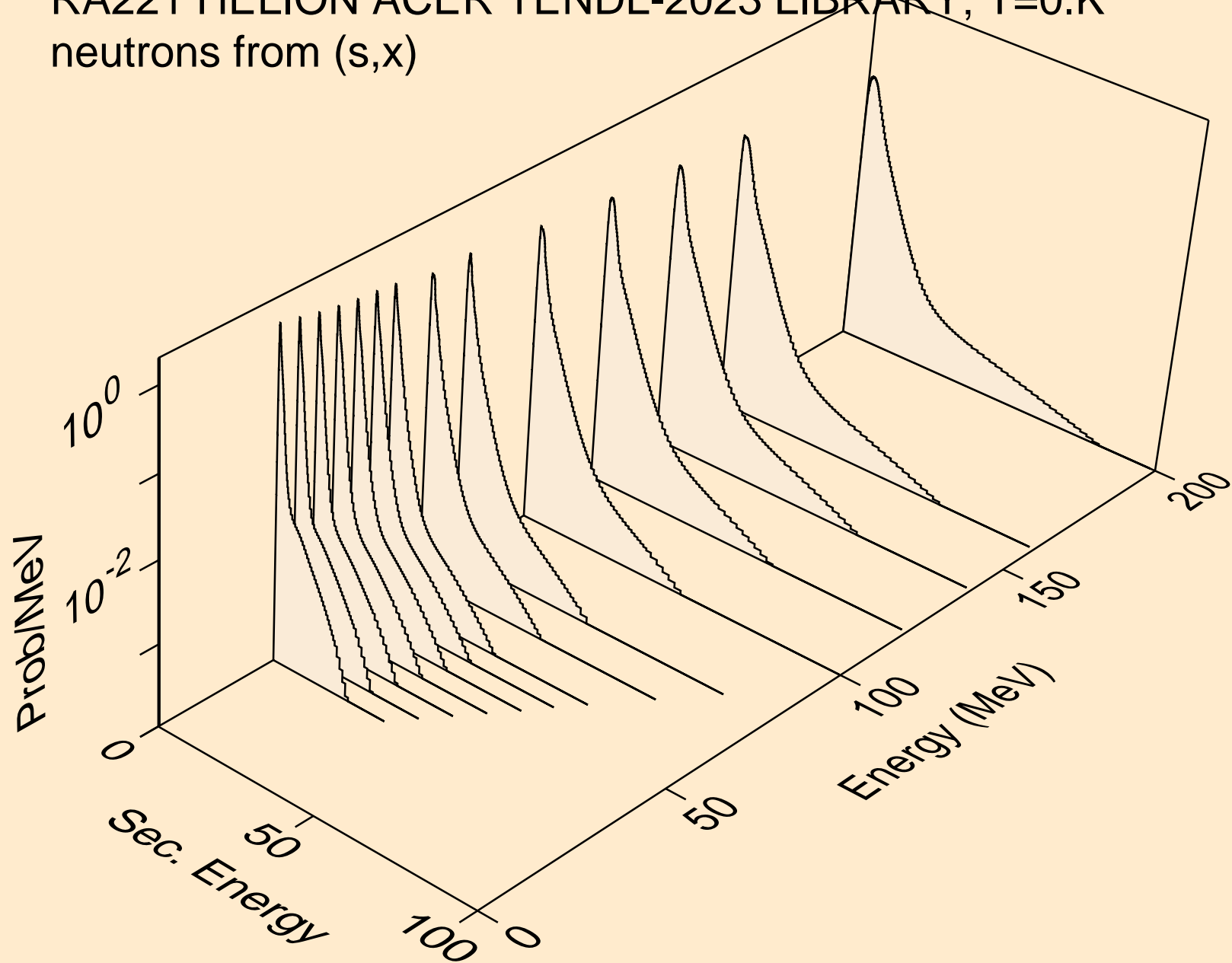


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)

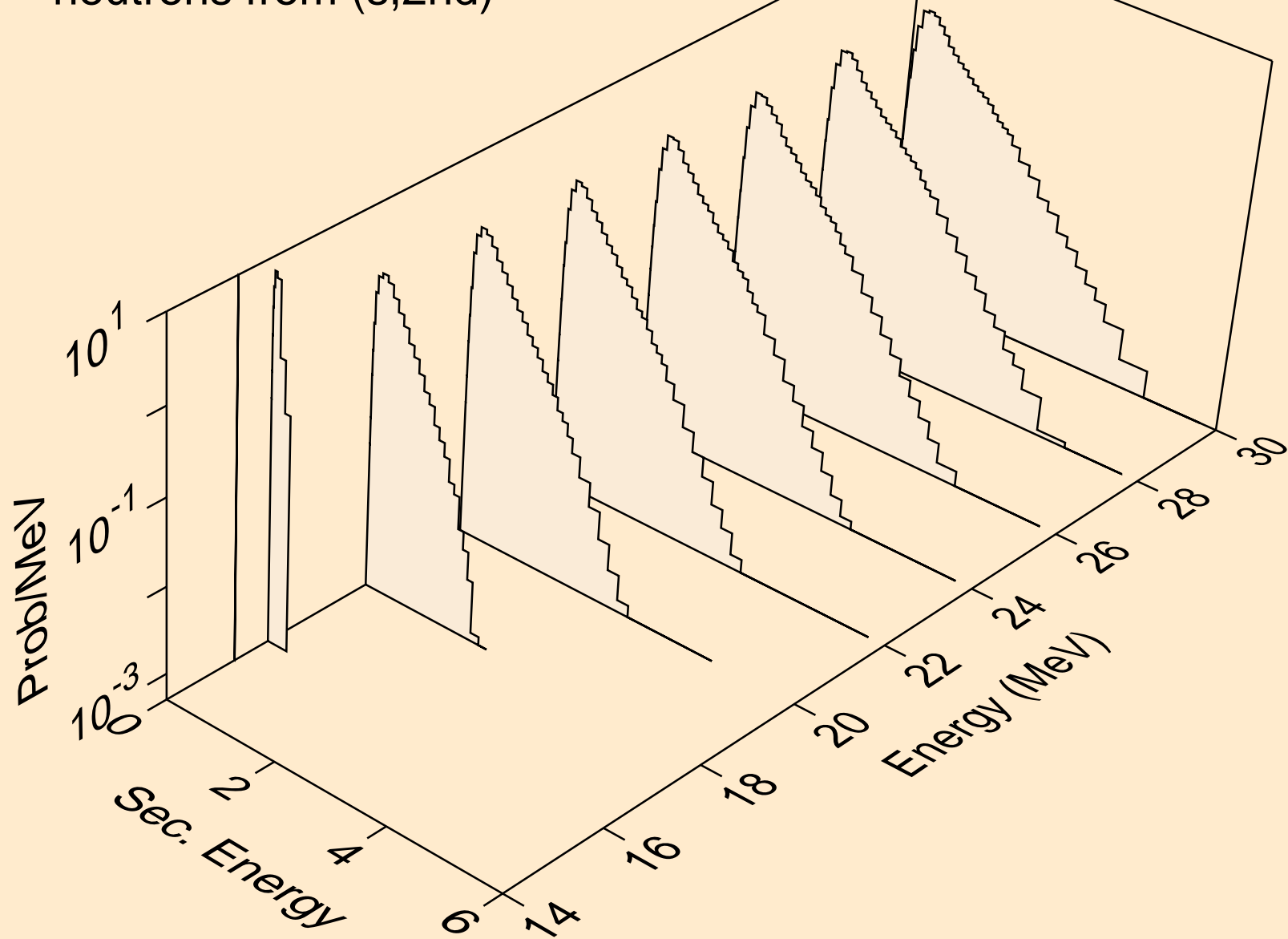




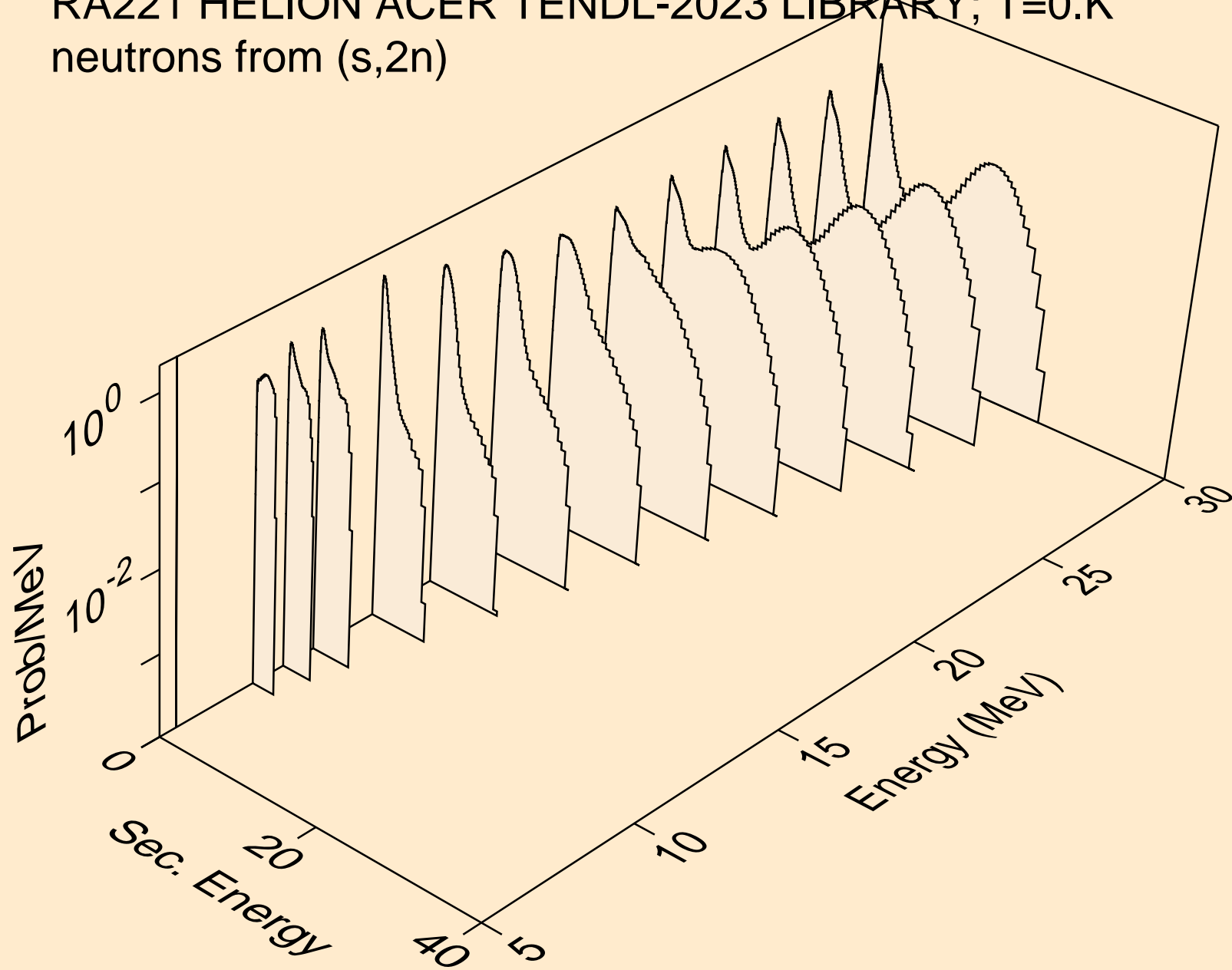
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



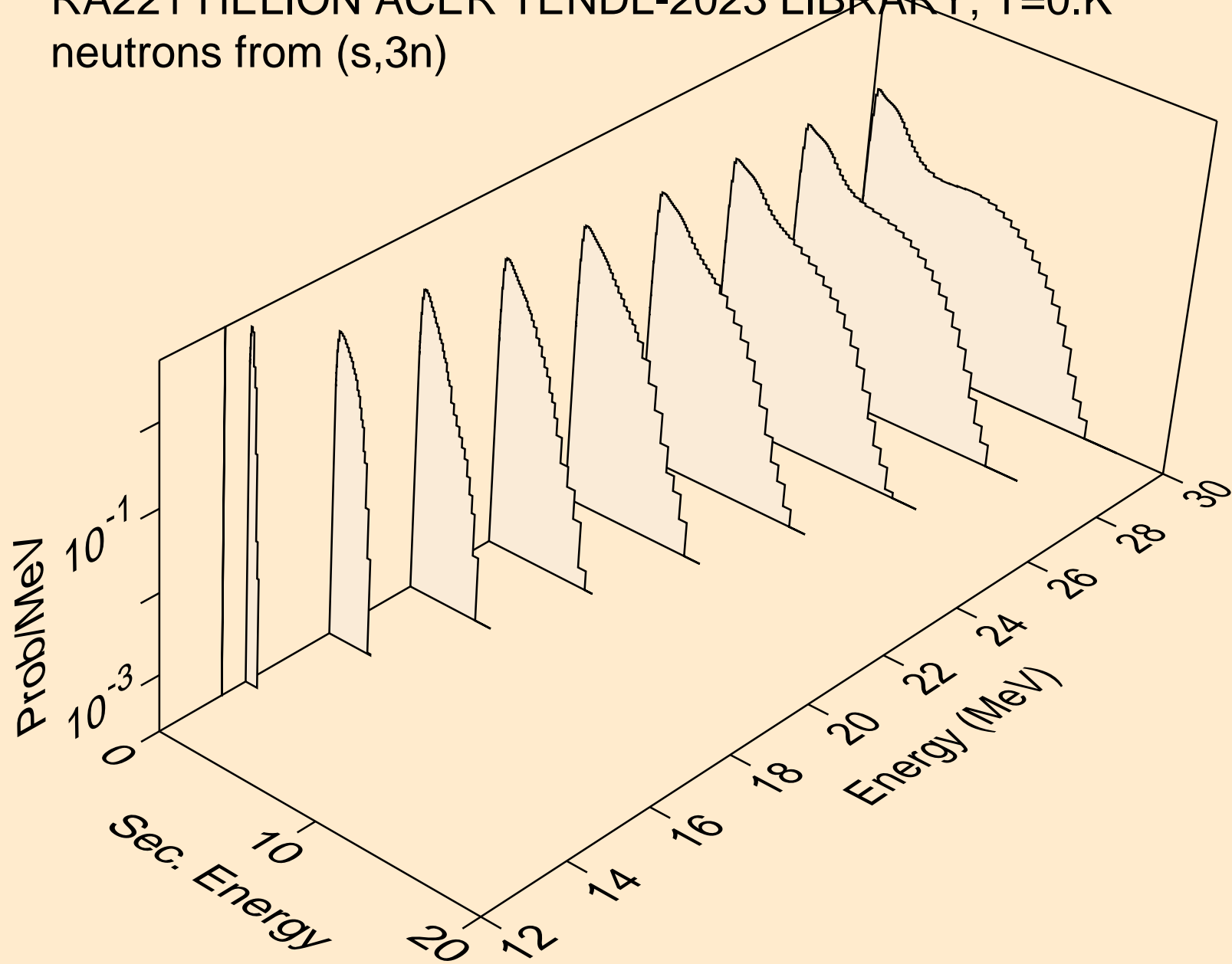
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



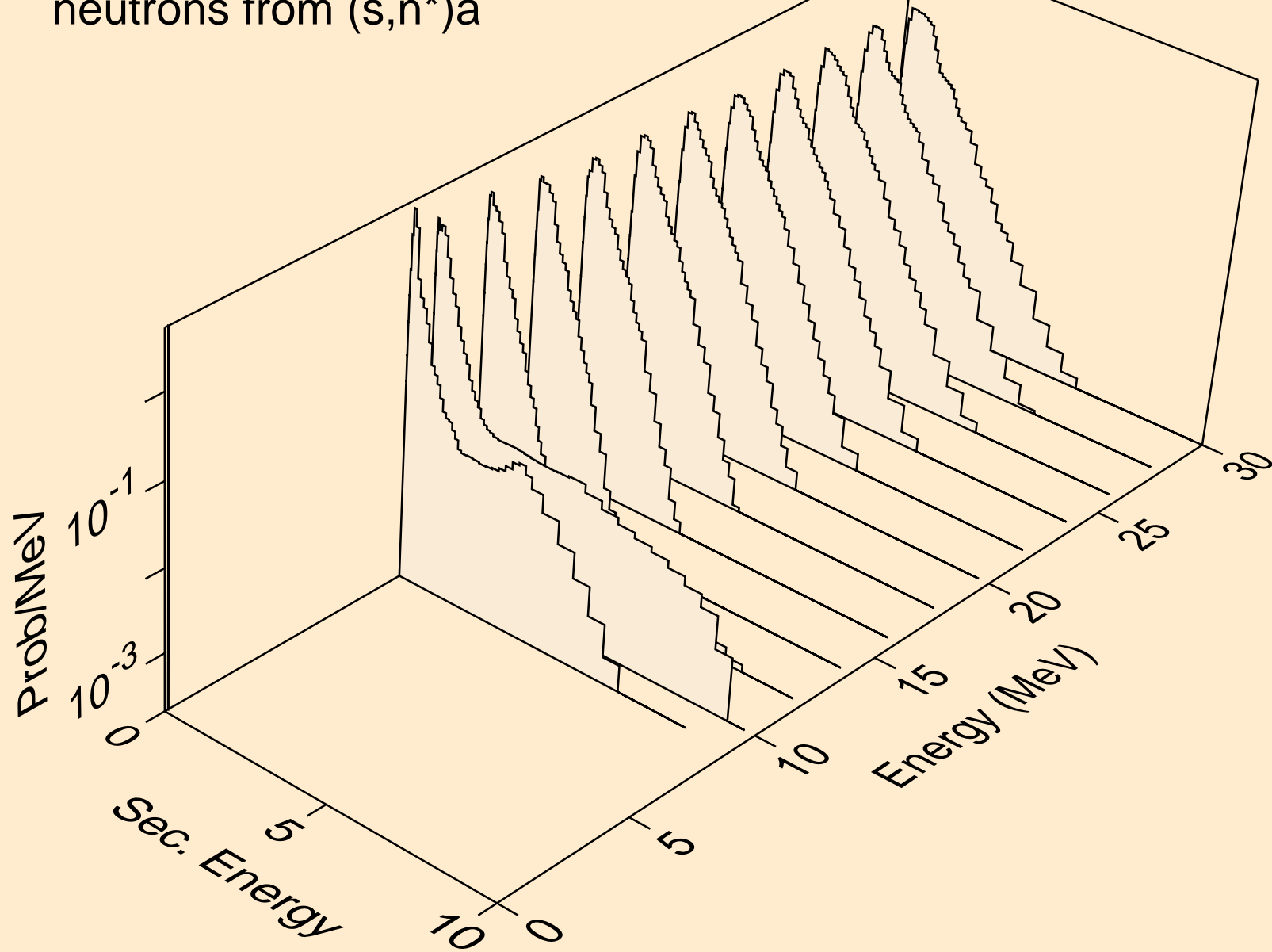
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



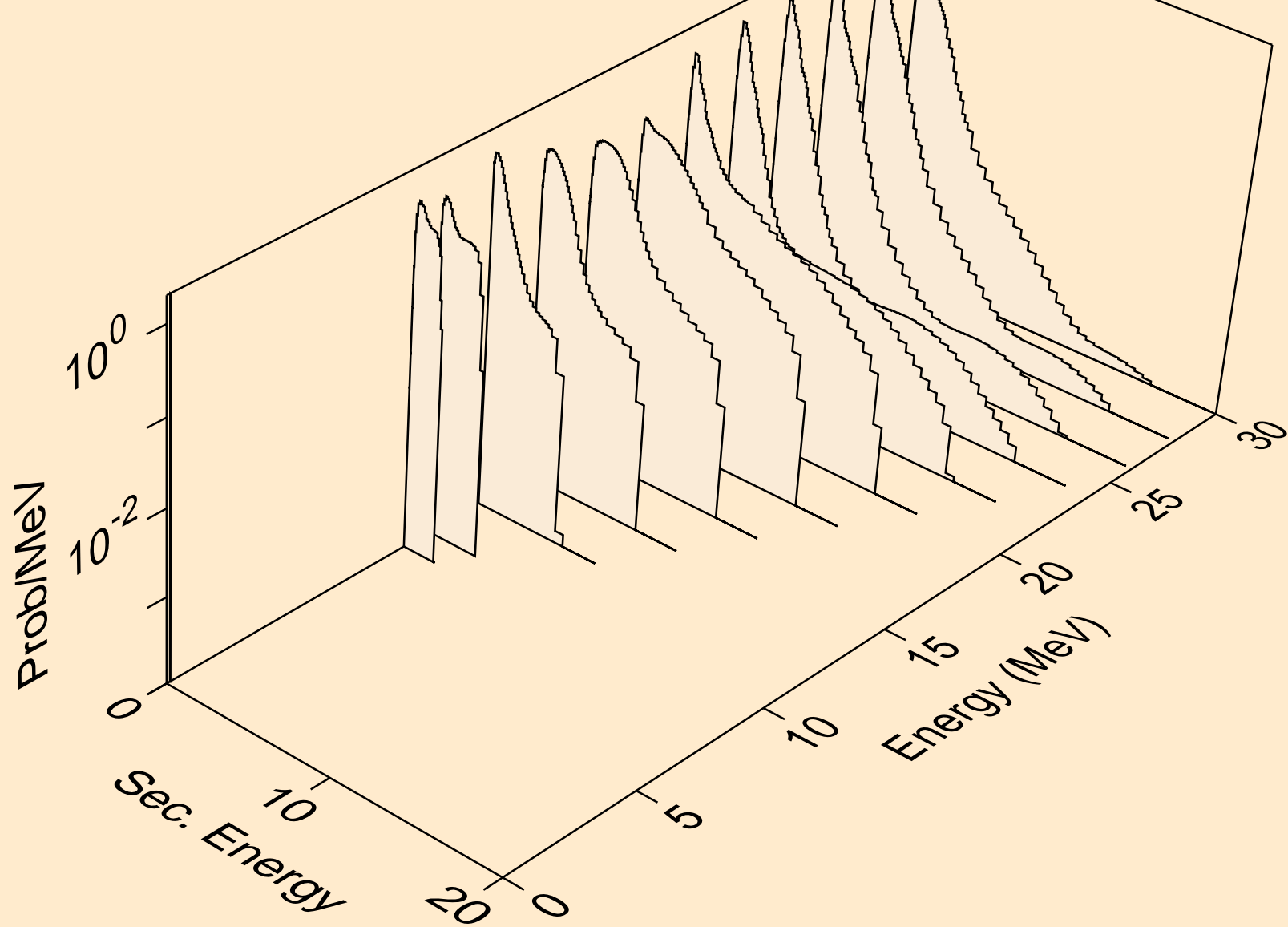
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



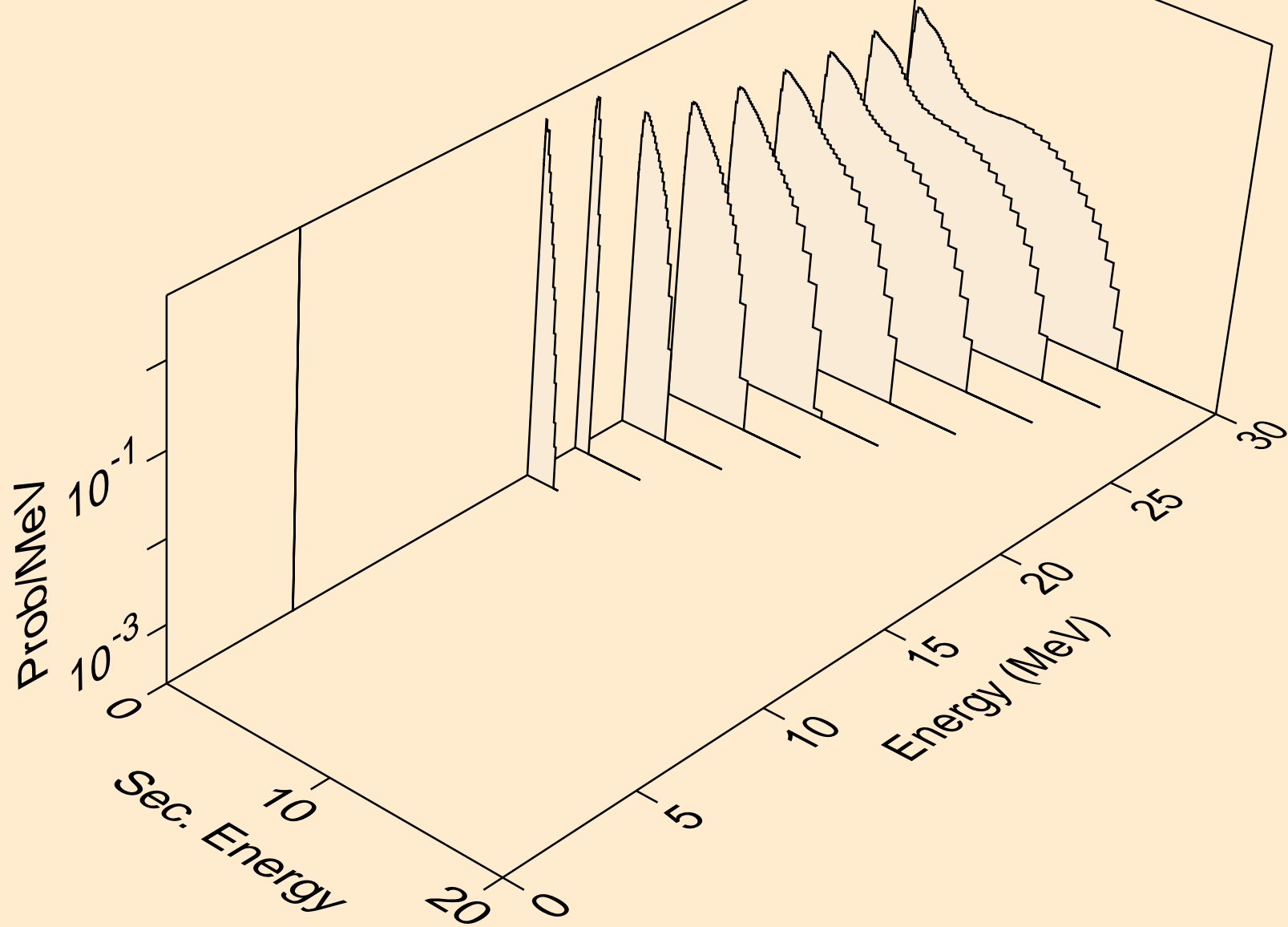
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



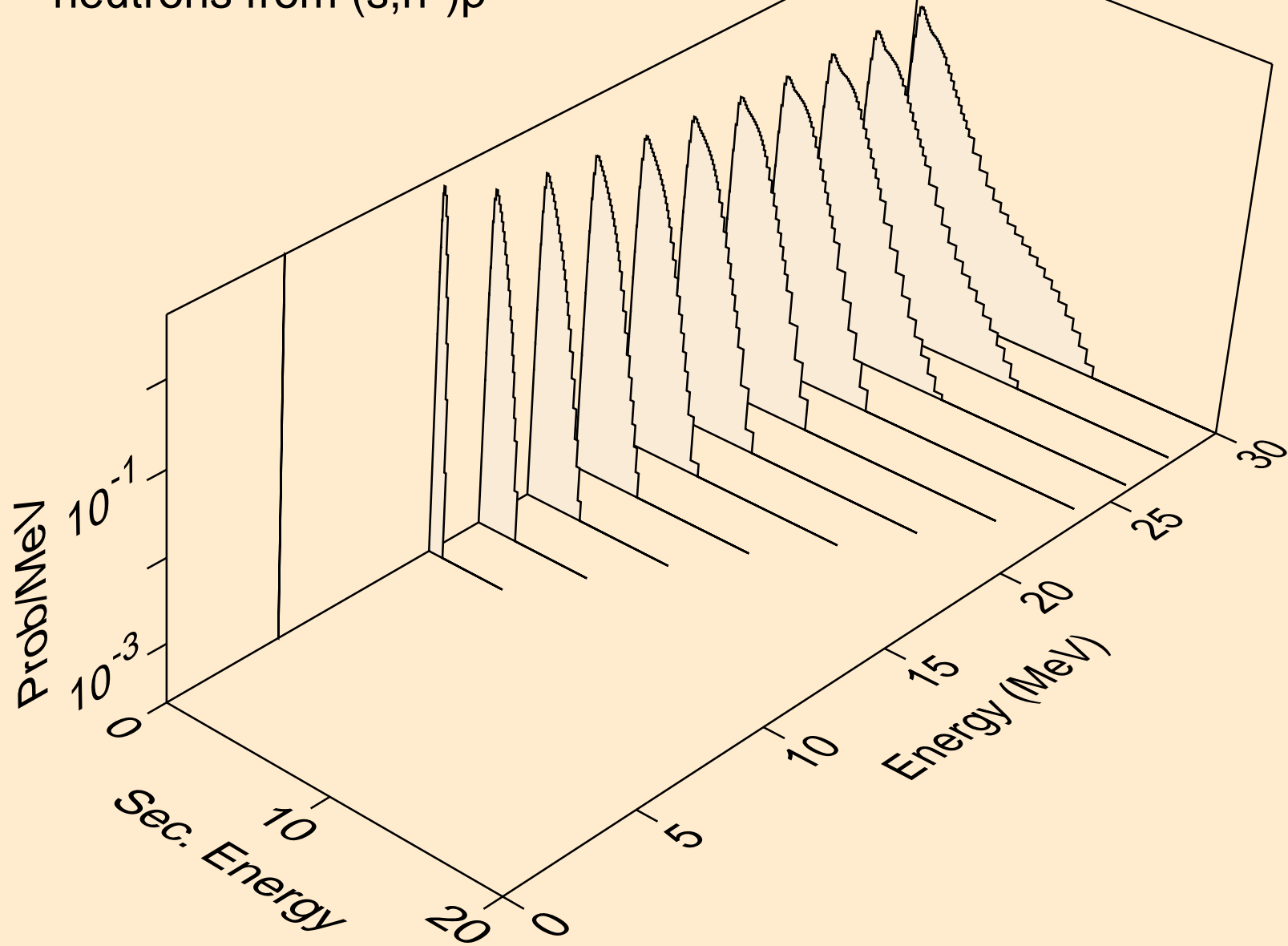
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a

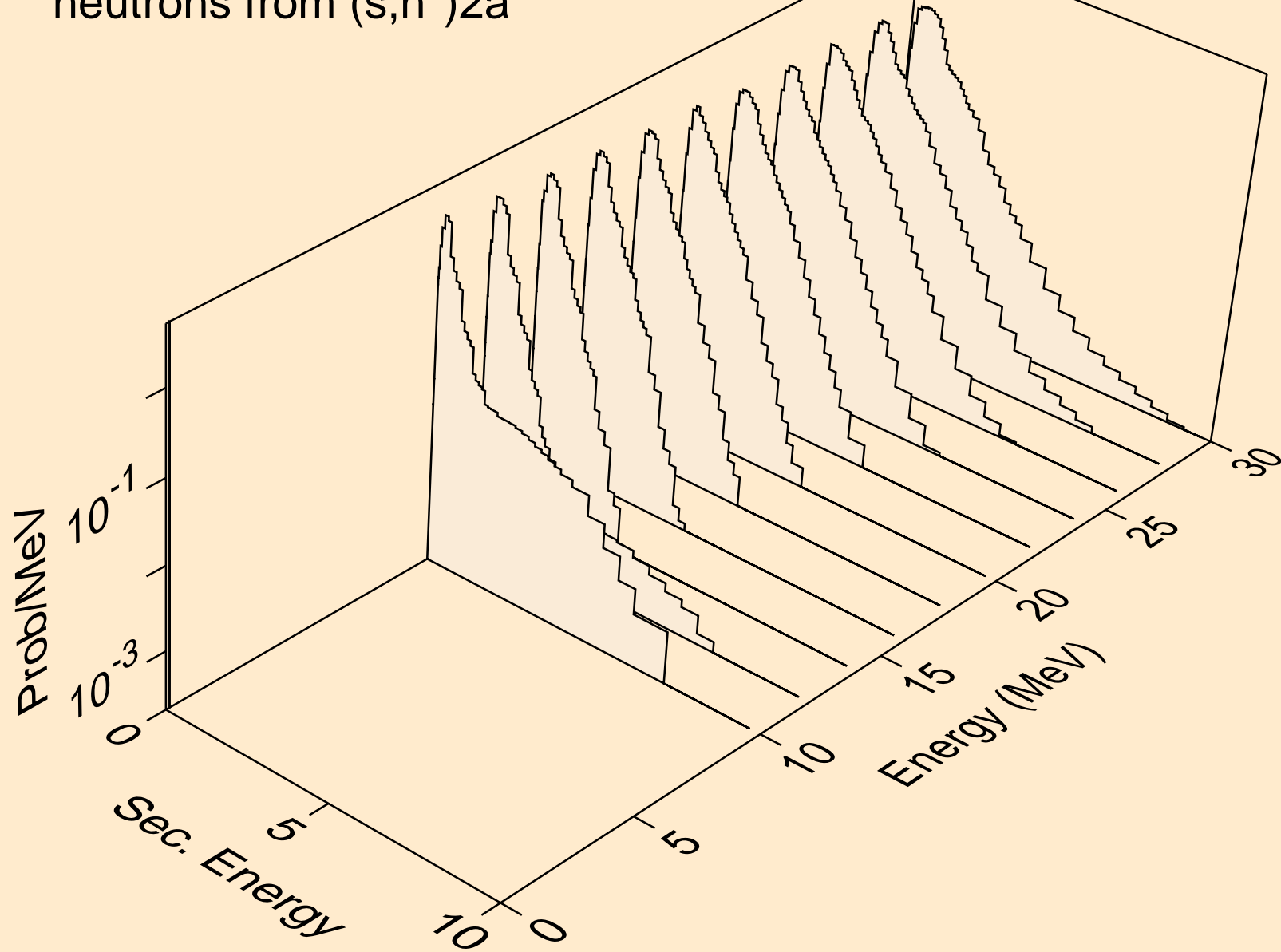


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p

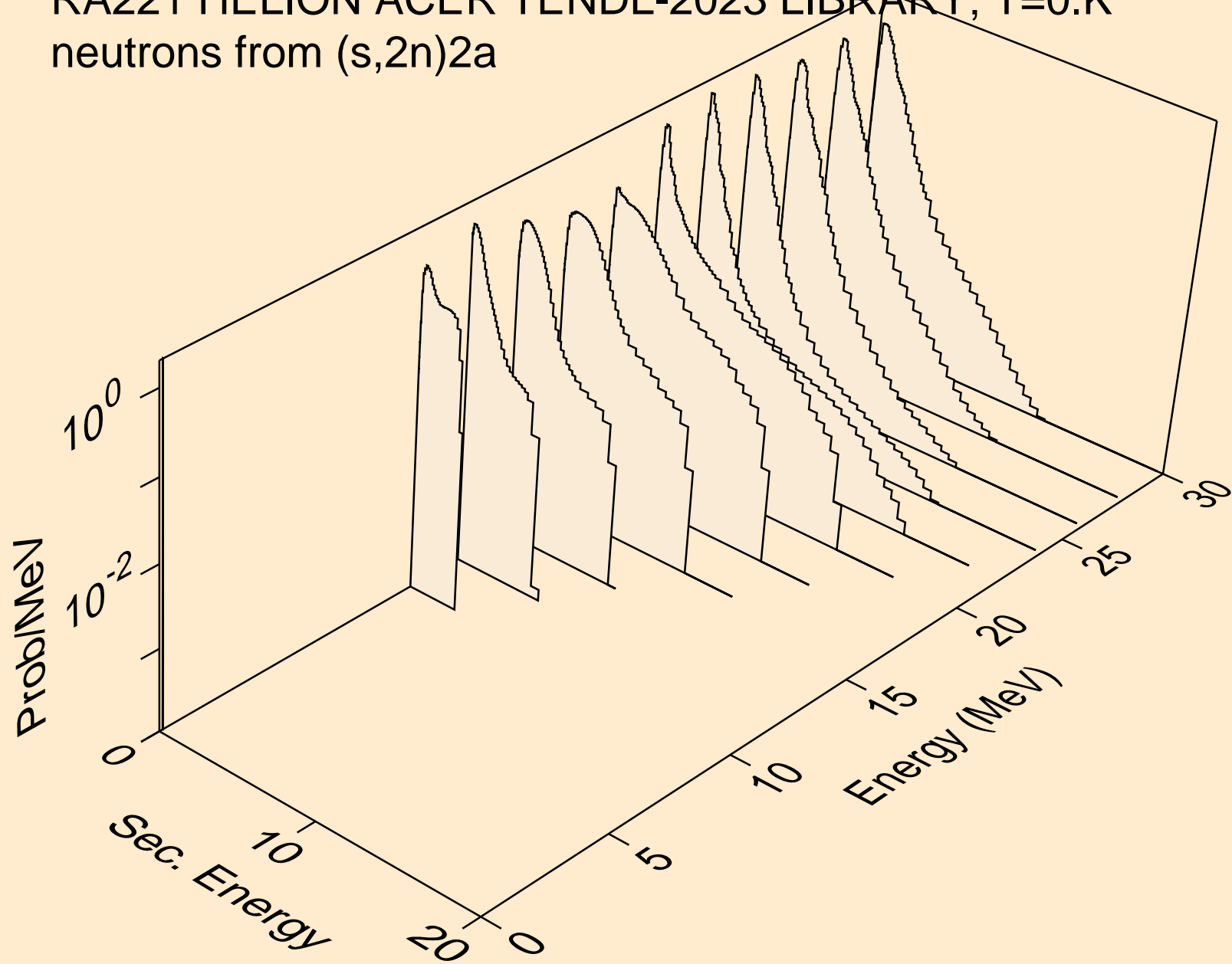




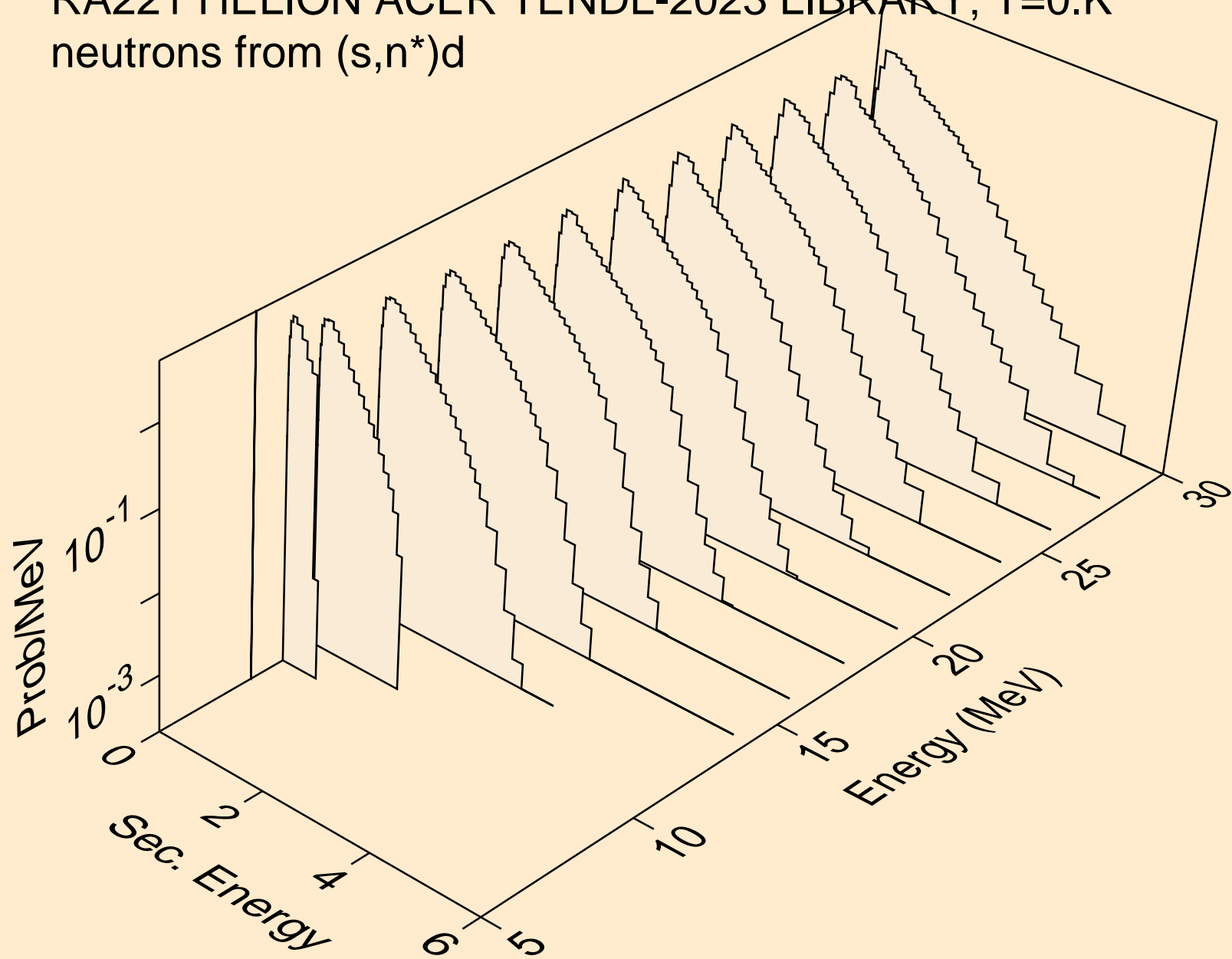
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



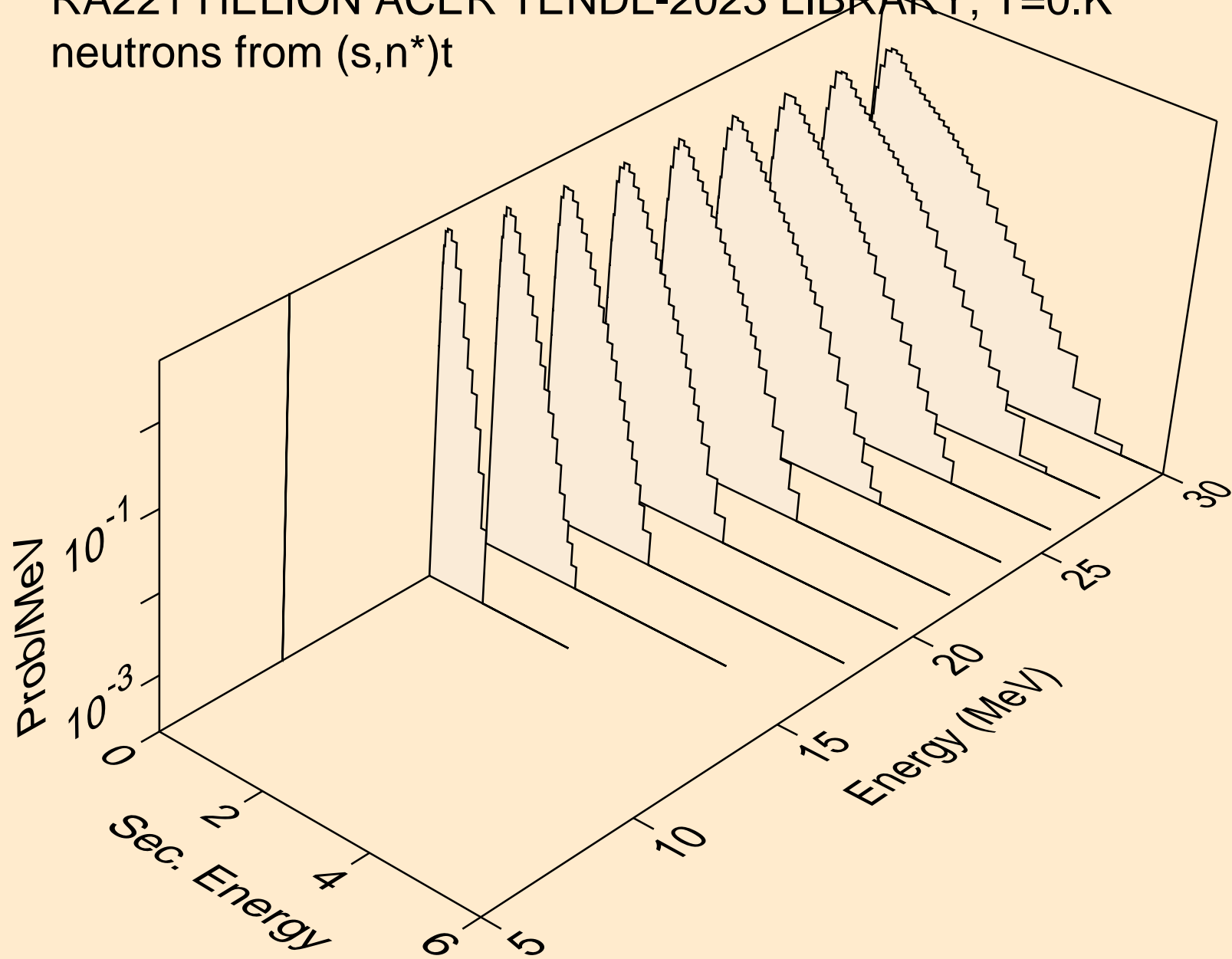
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)2a



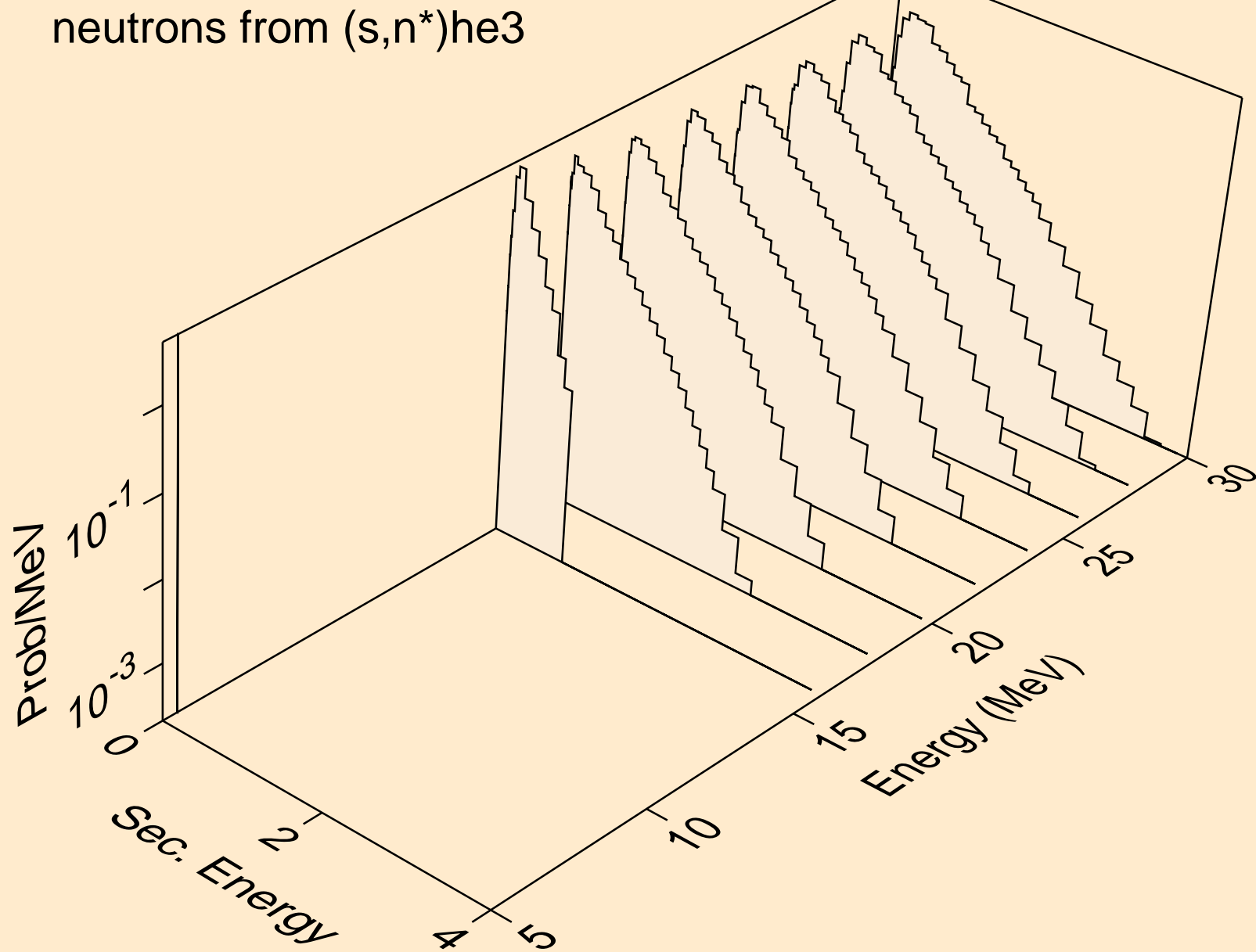
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



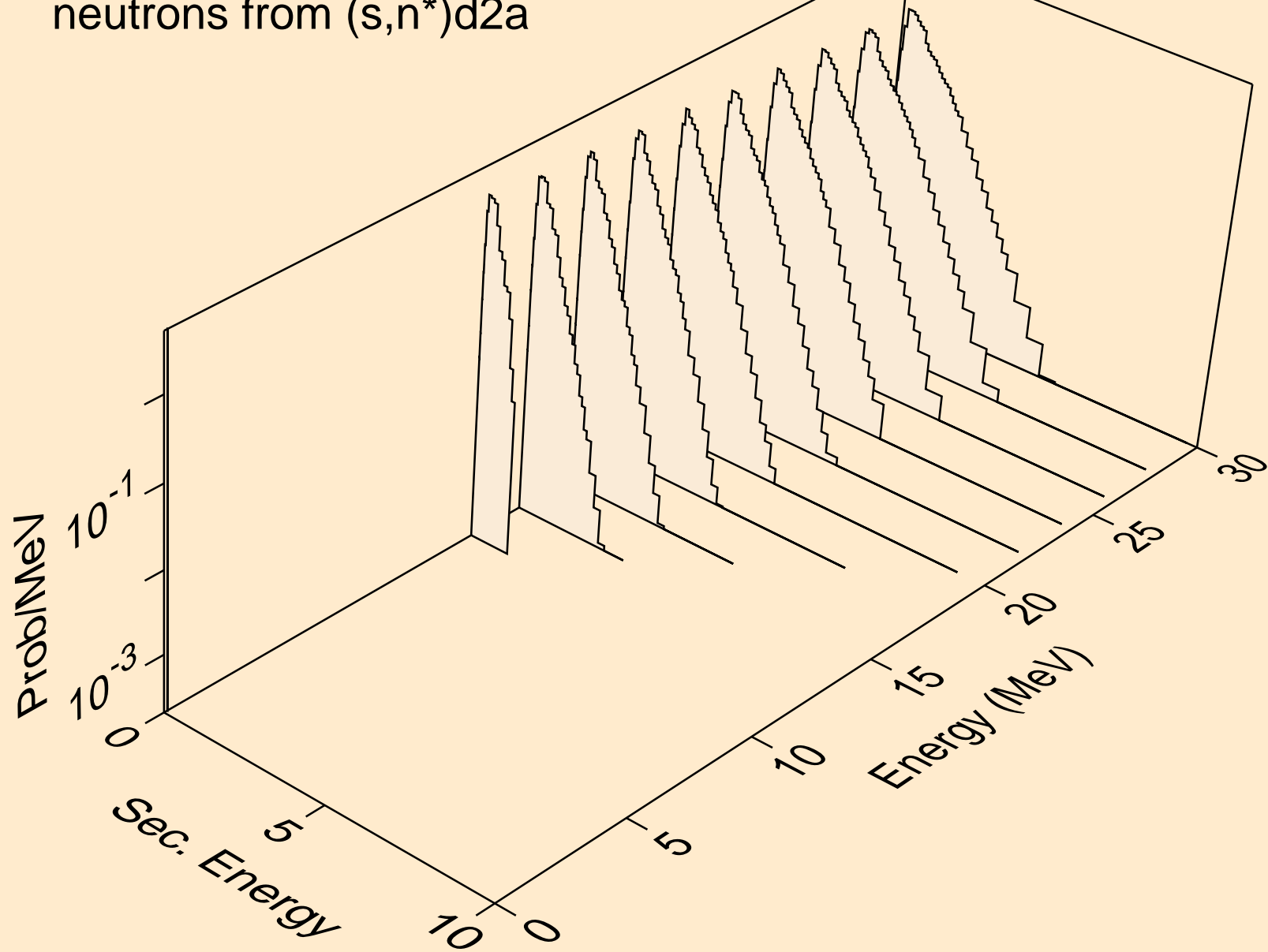
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



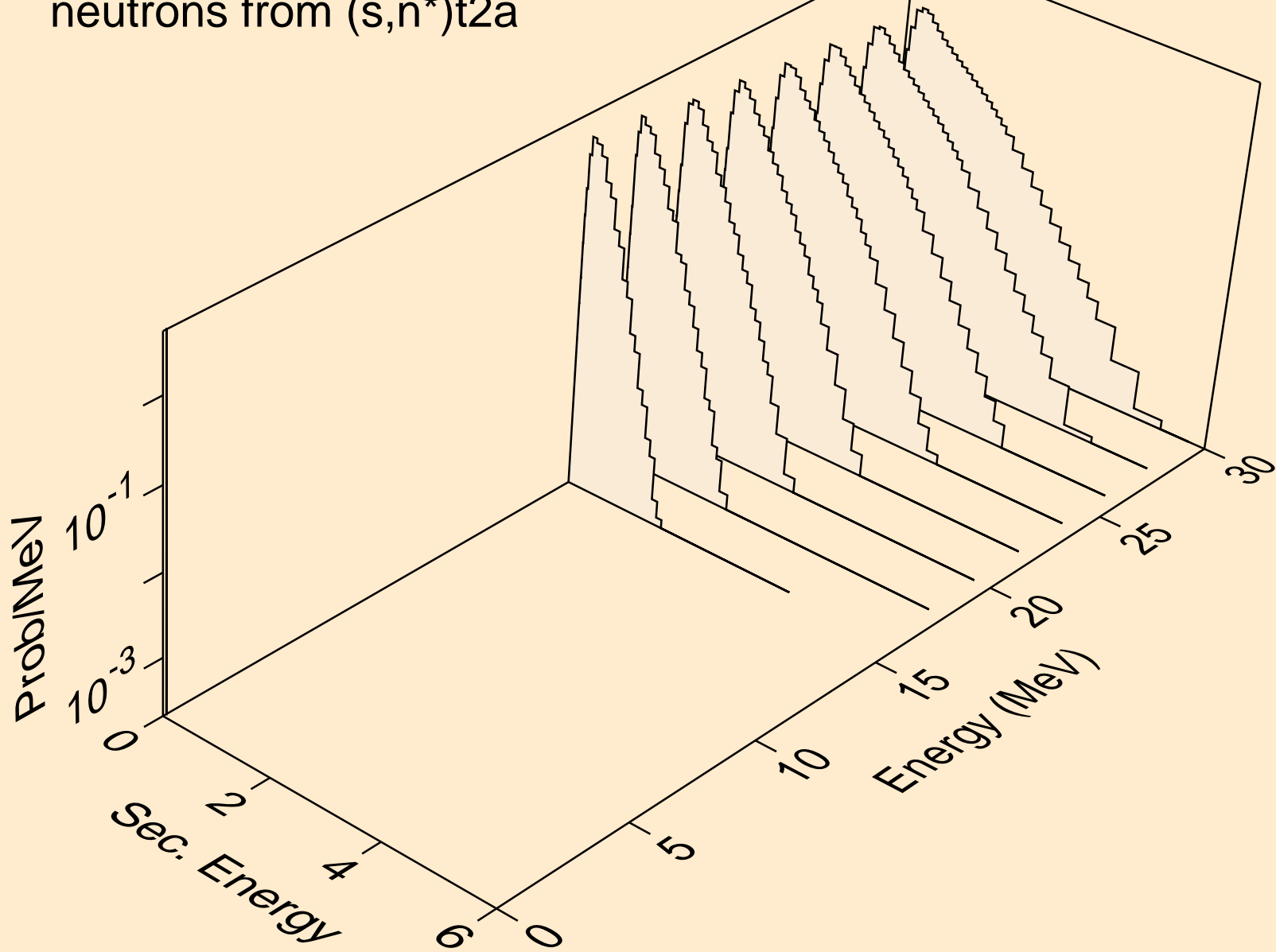
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



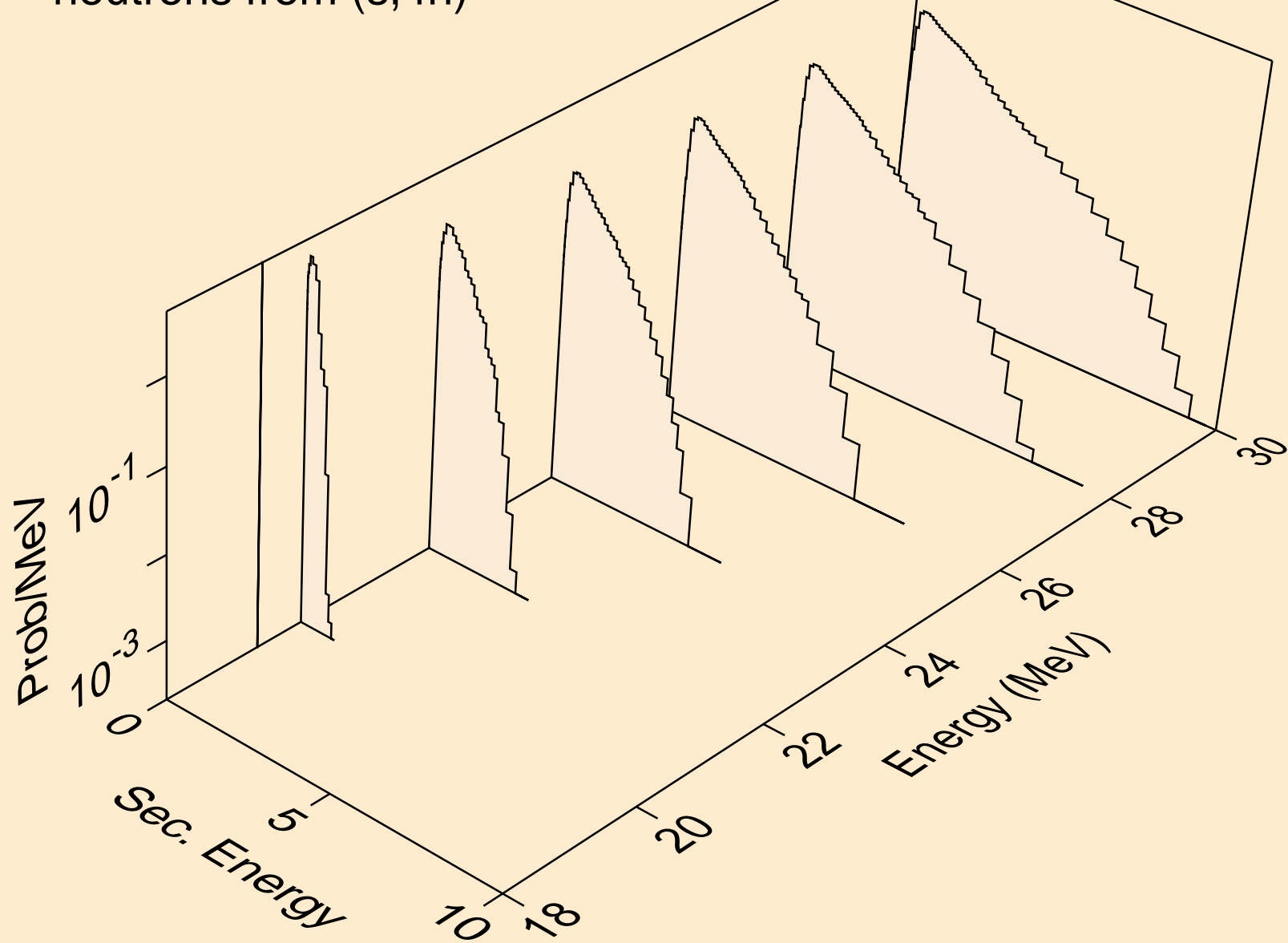
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d2a



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t2a

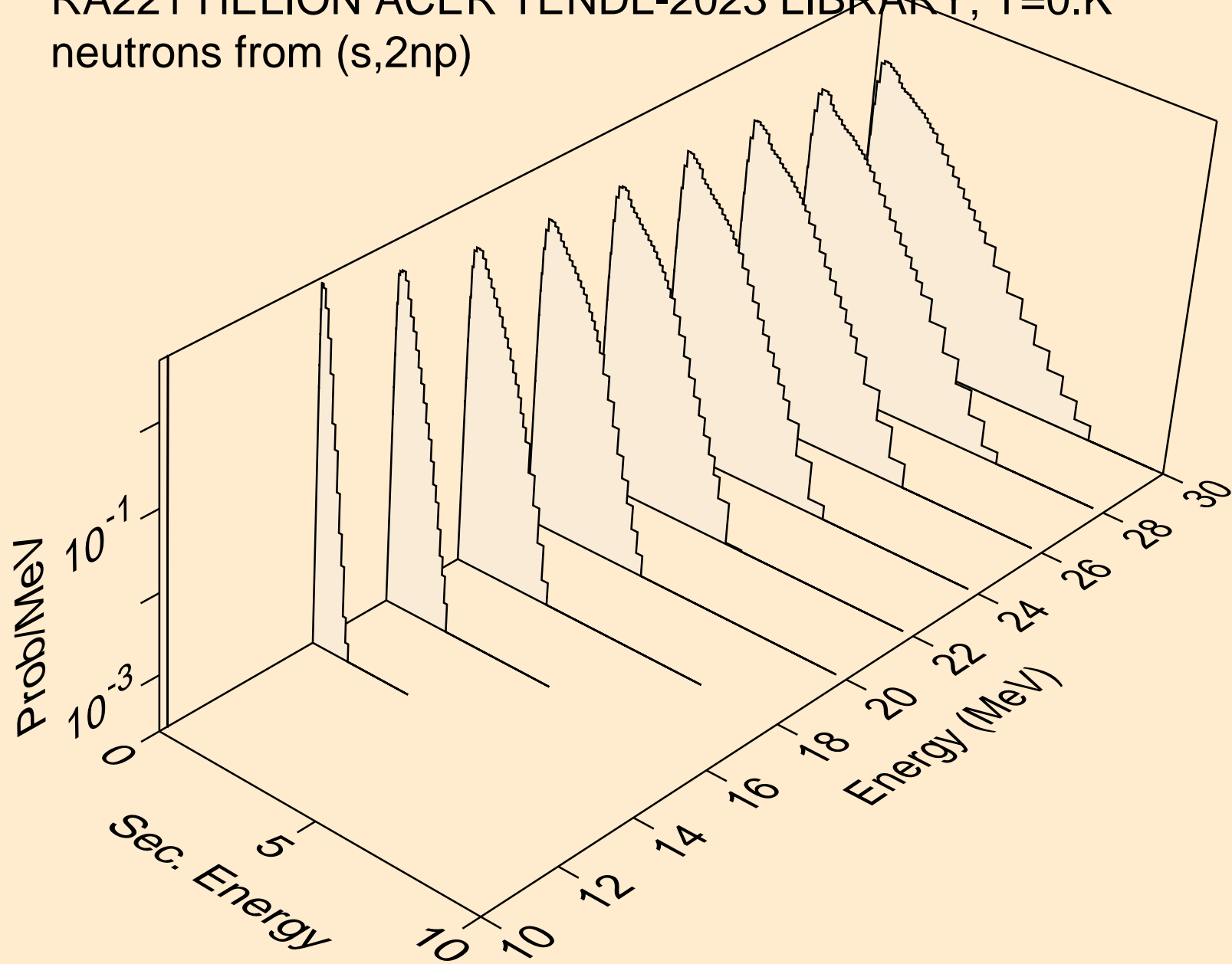


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)

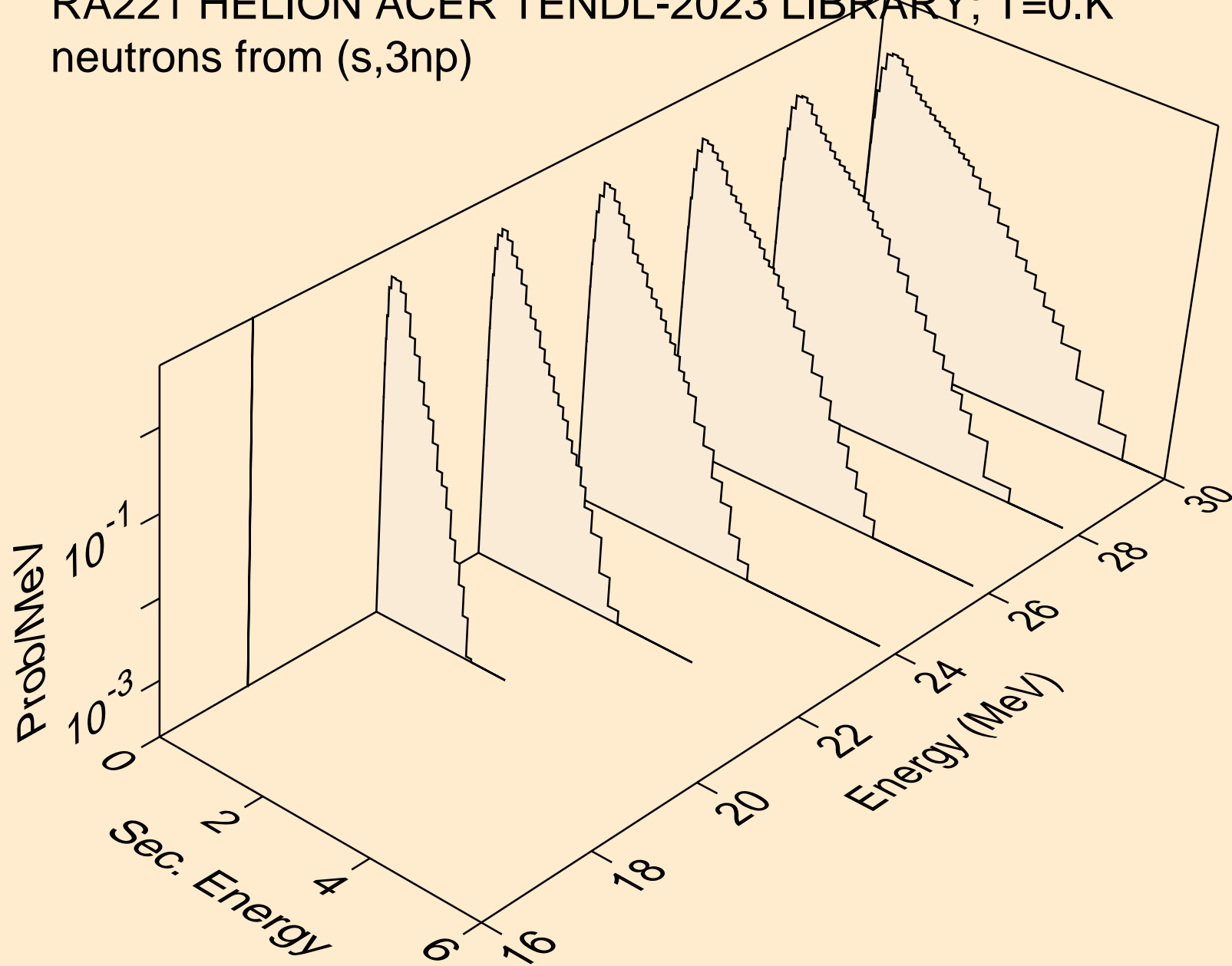




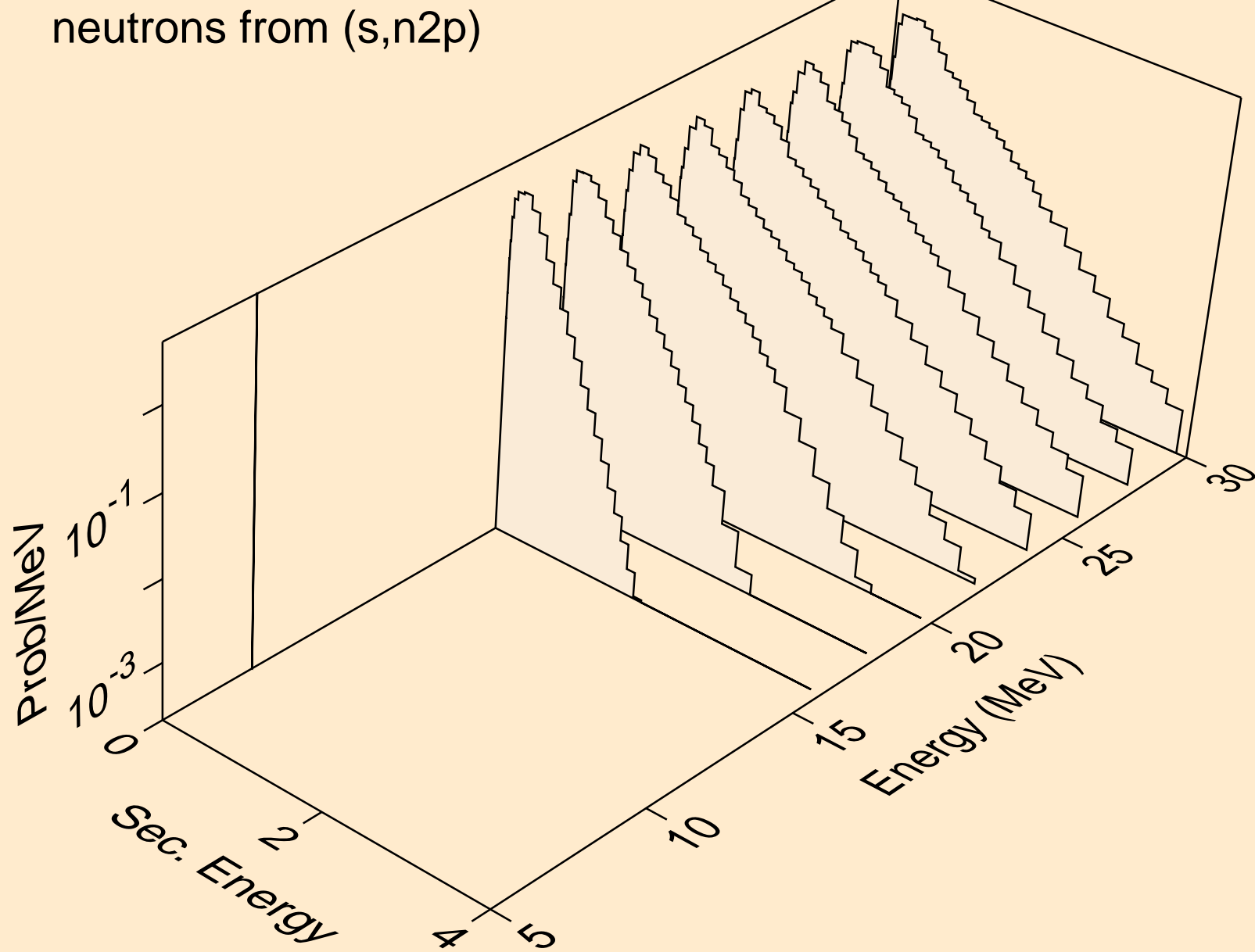
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



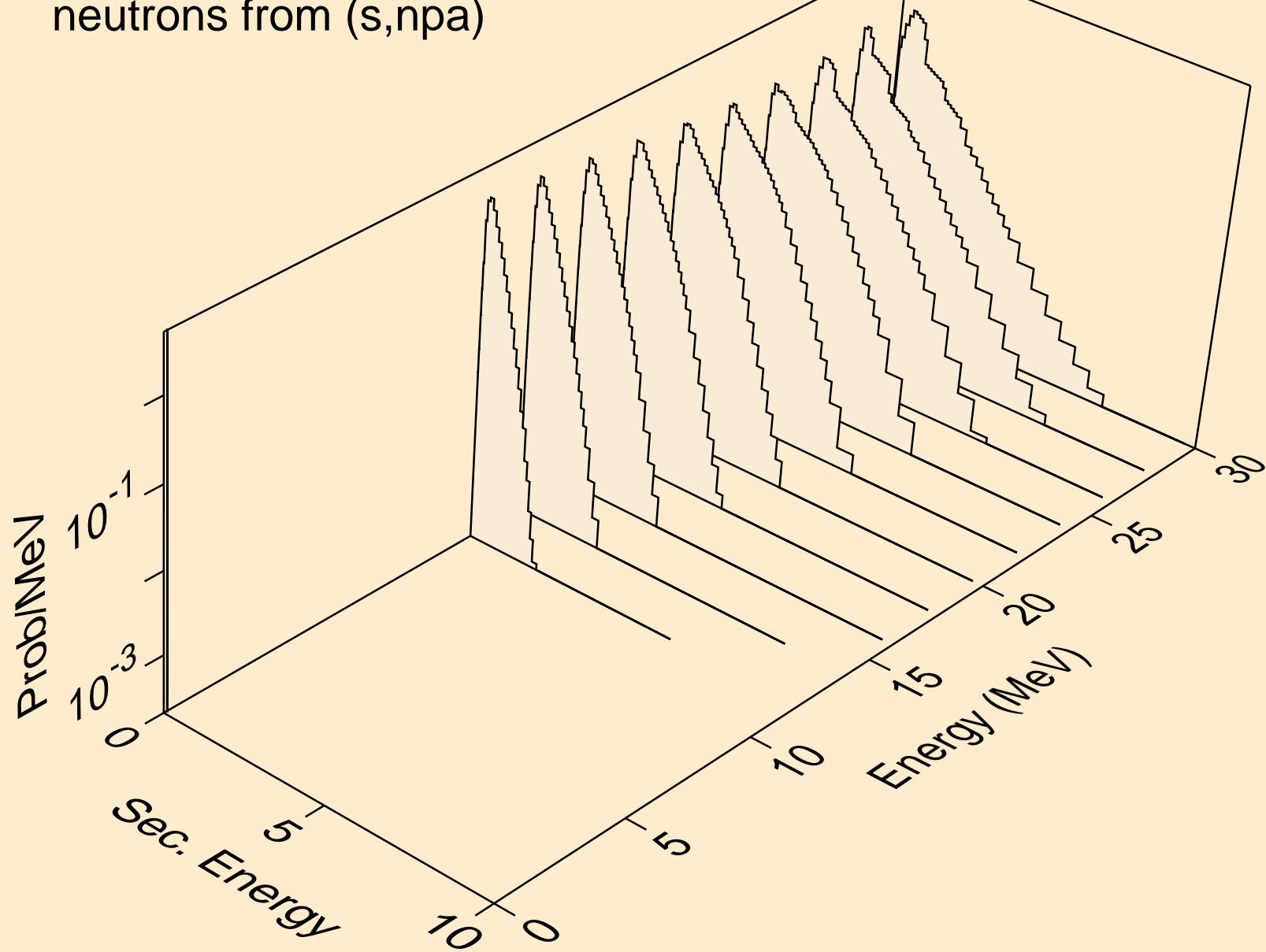
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)



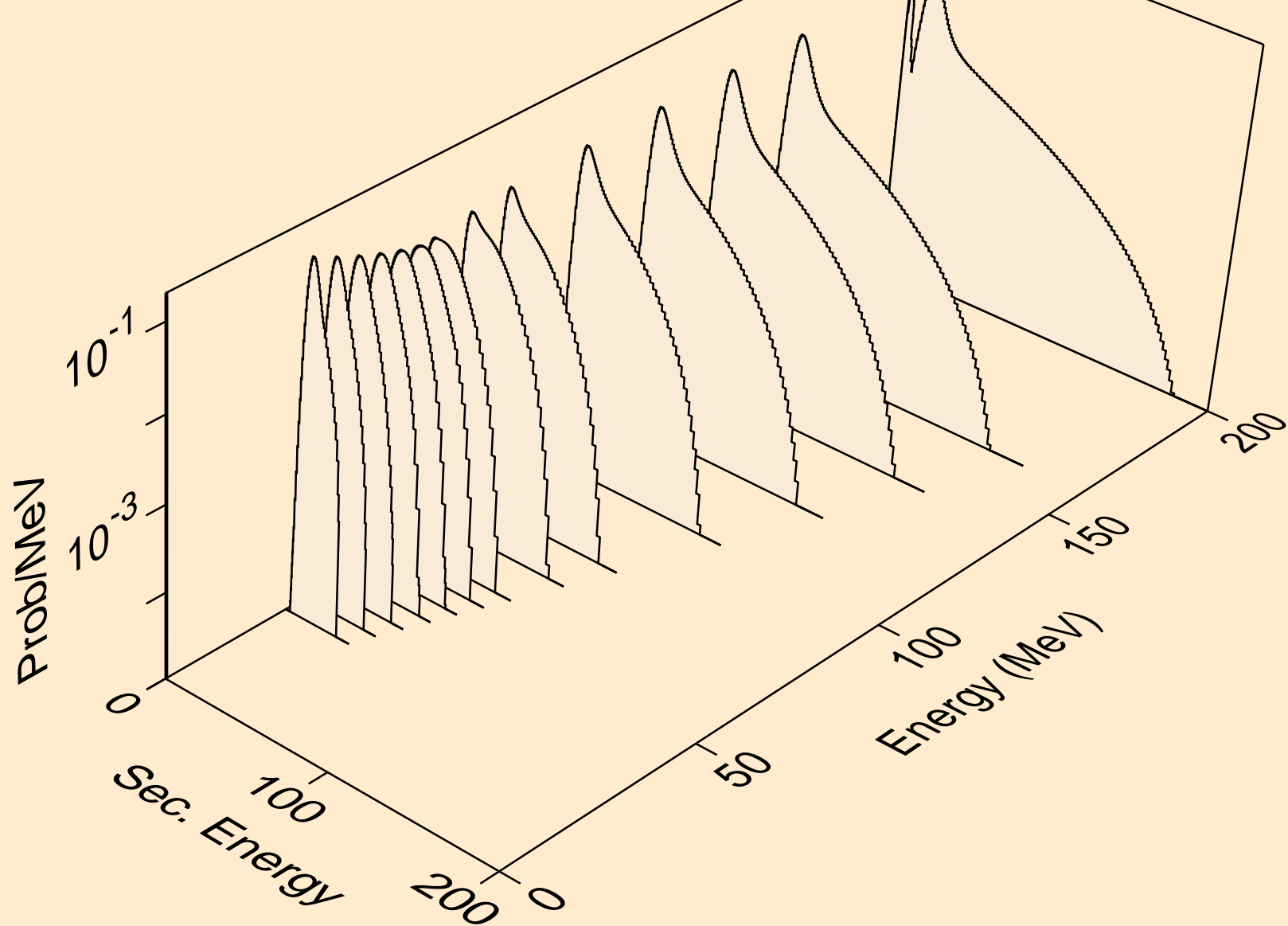
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



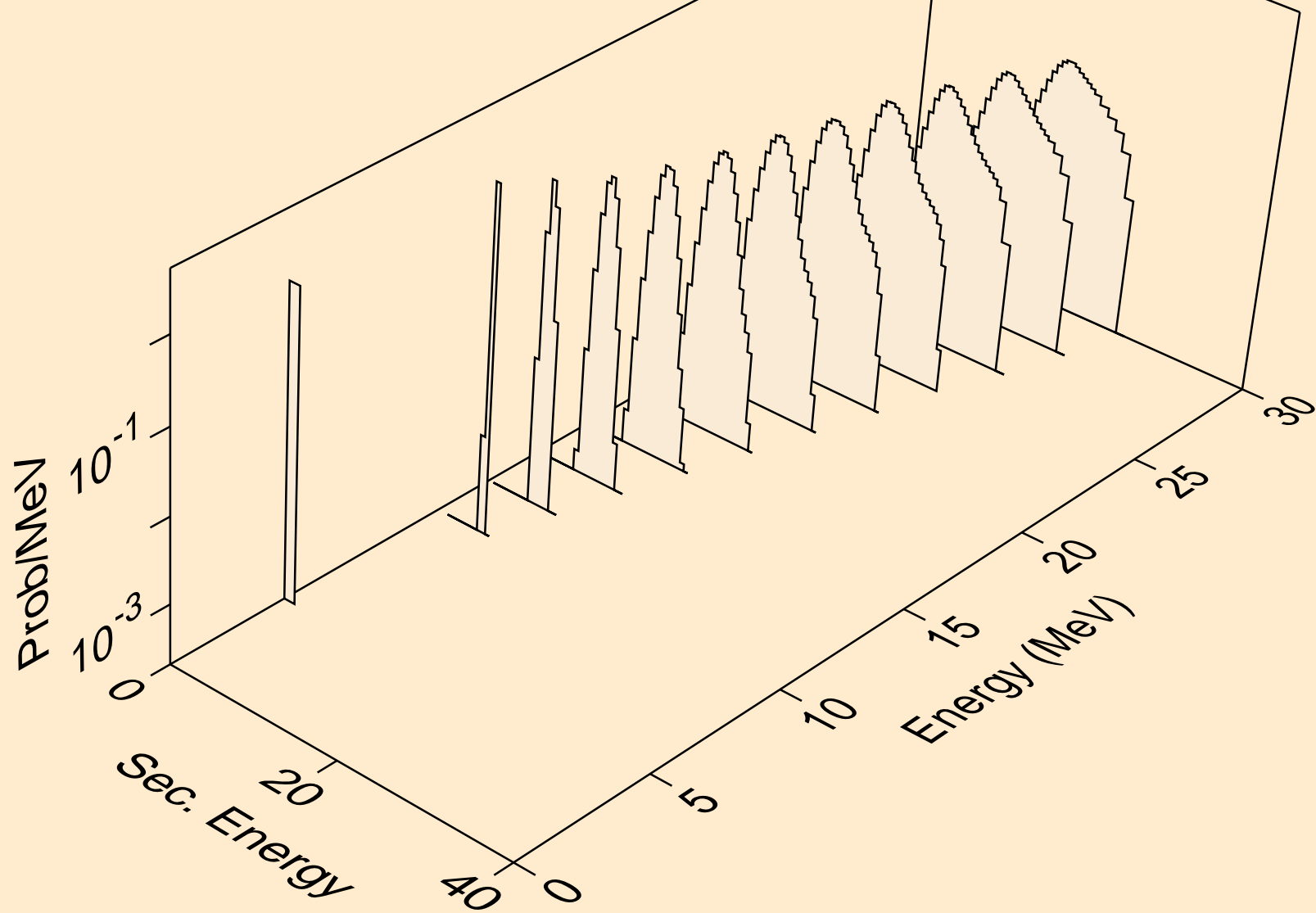
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



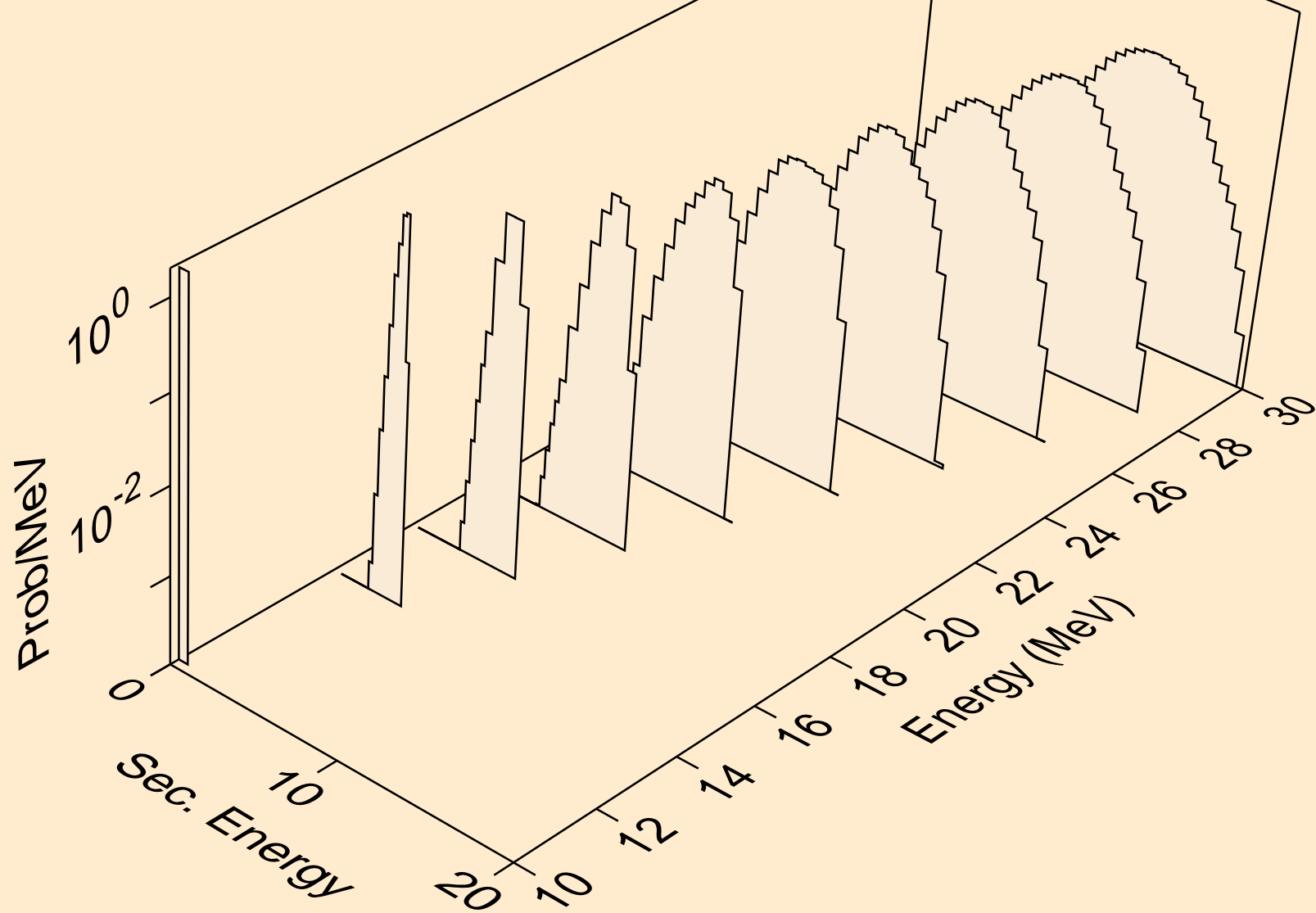
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



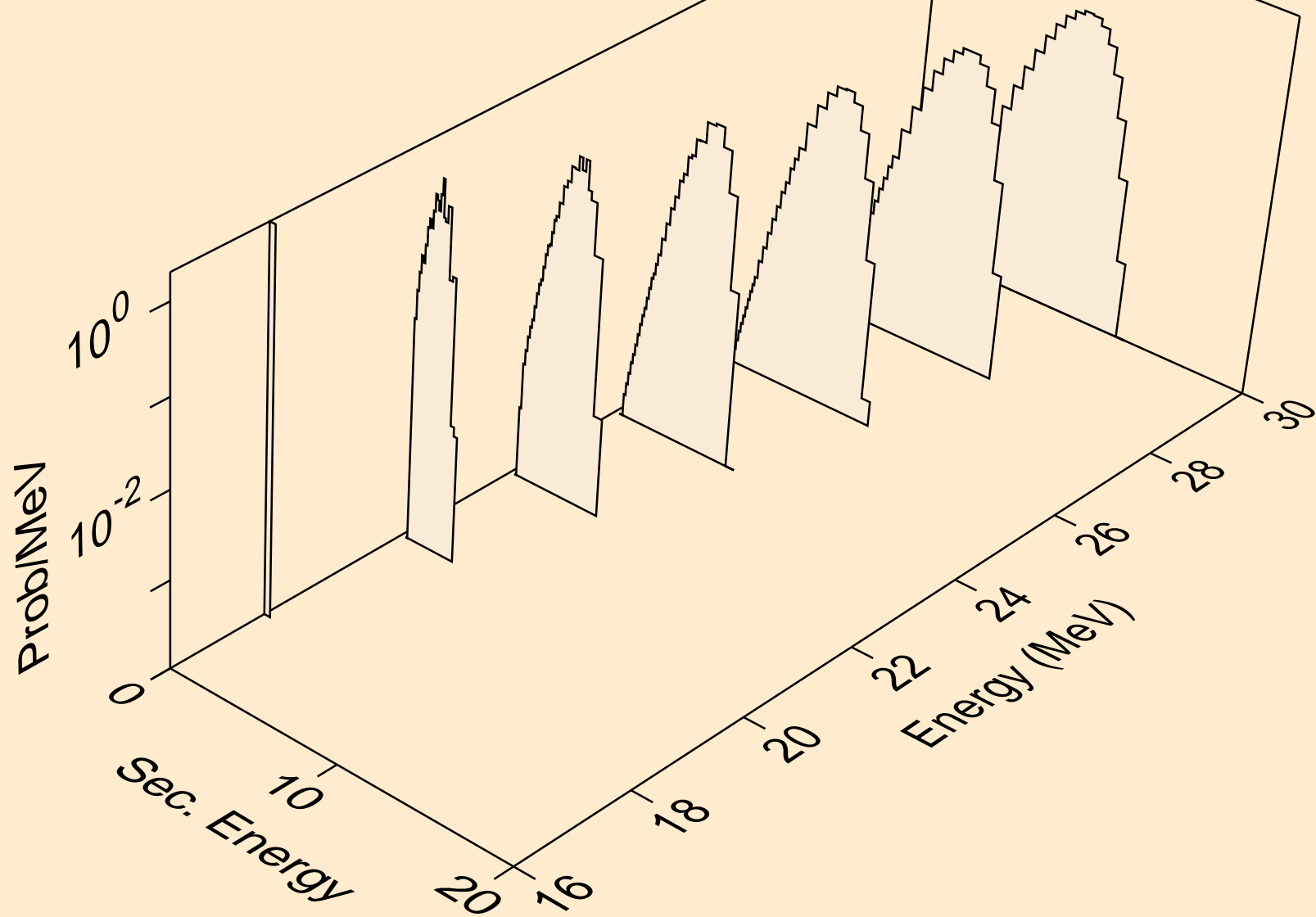
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)

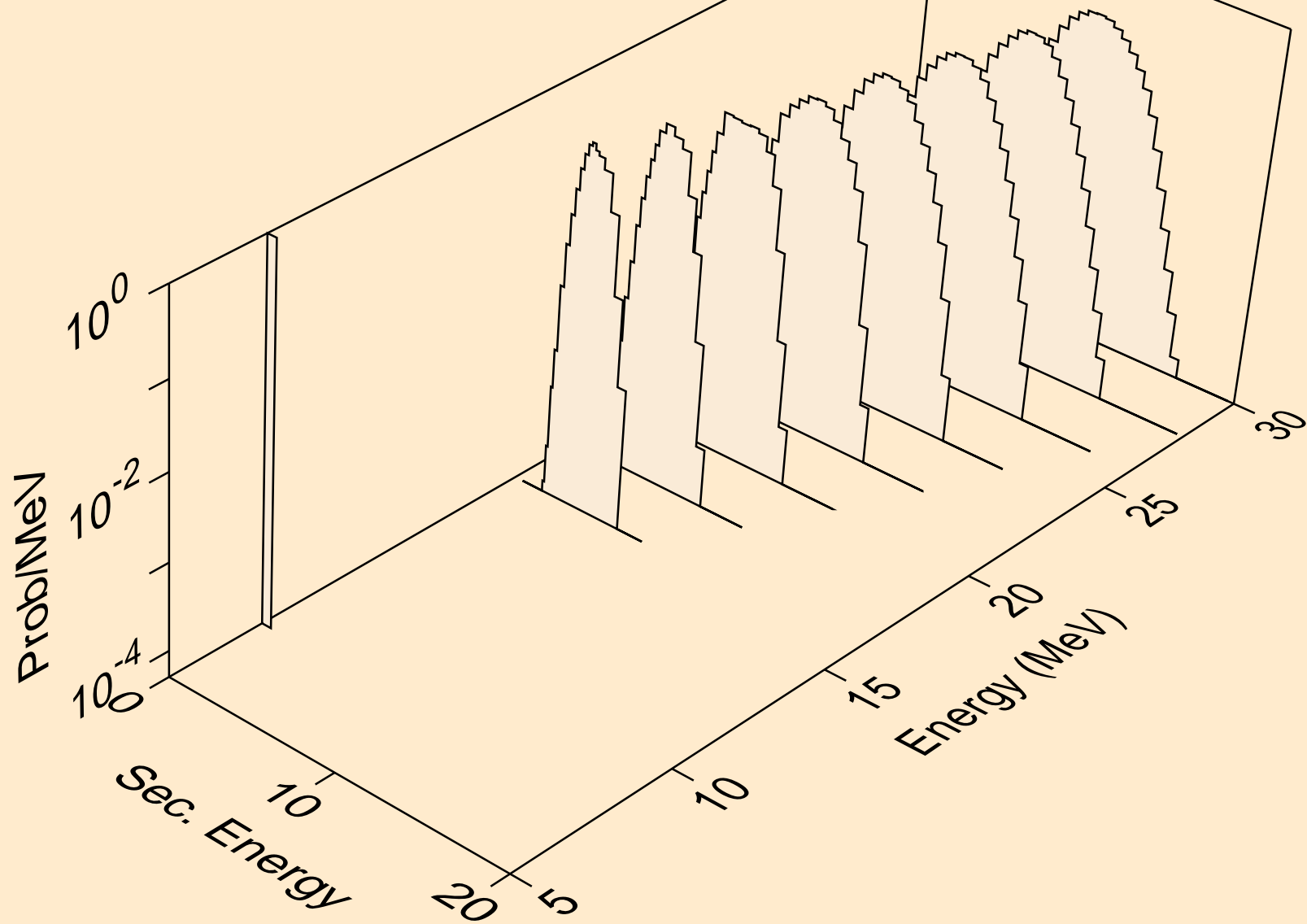


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)

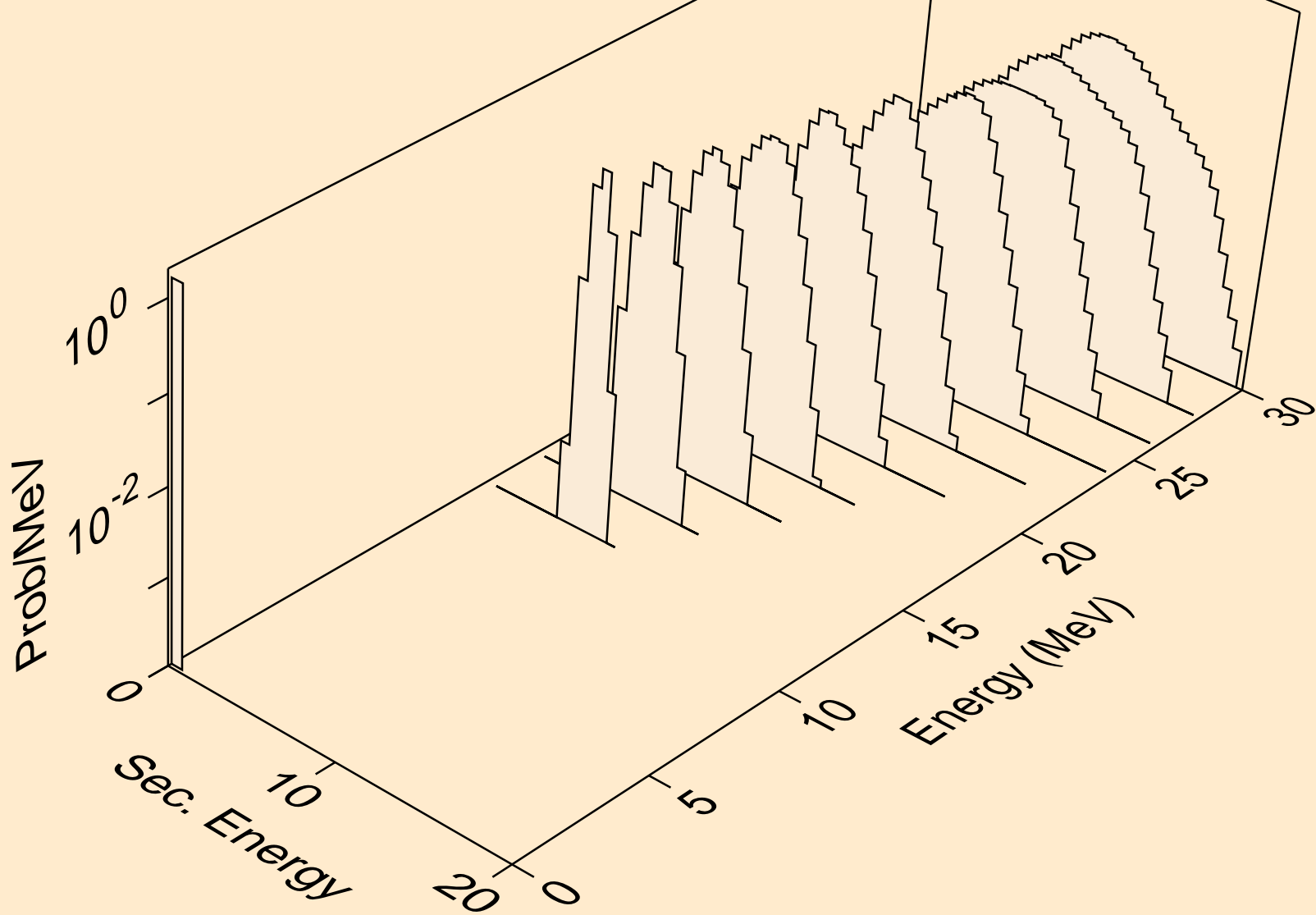




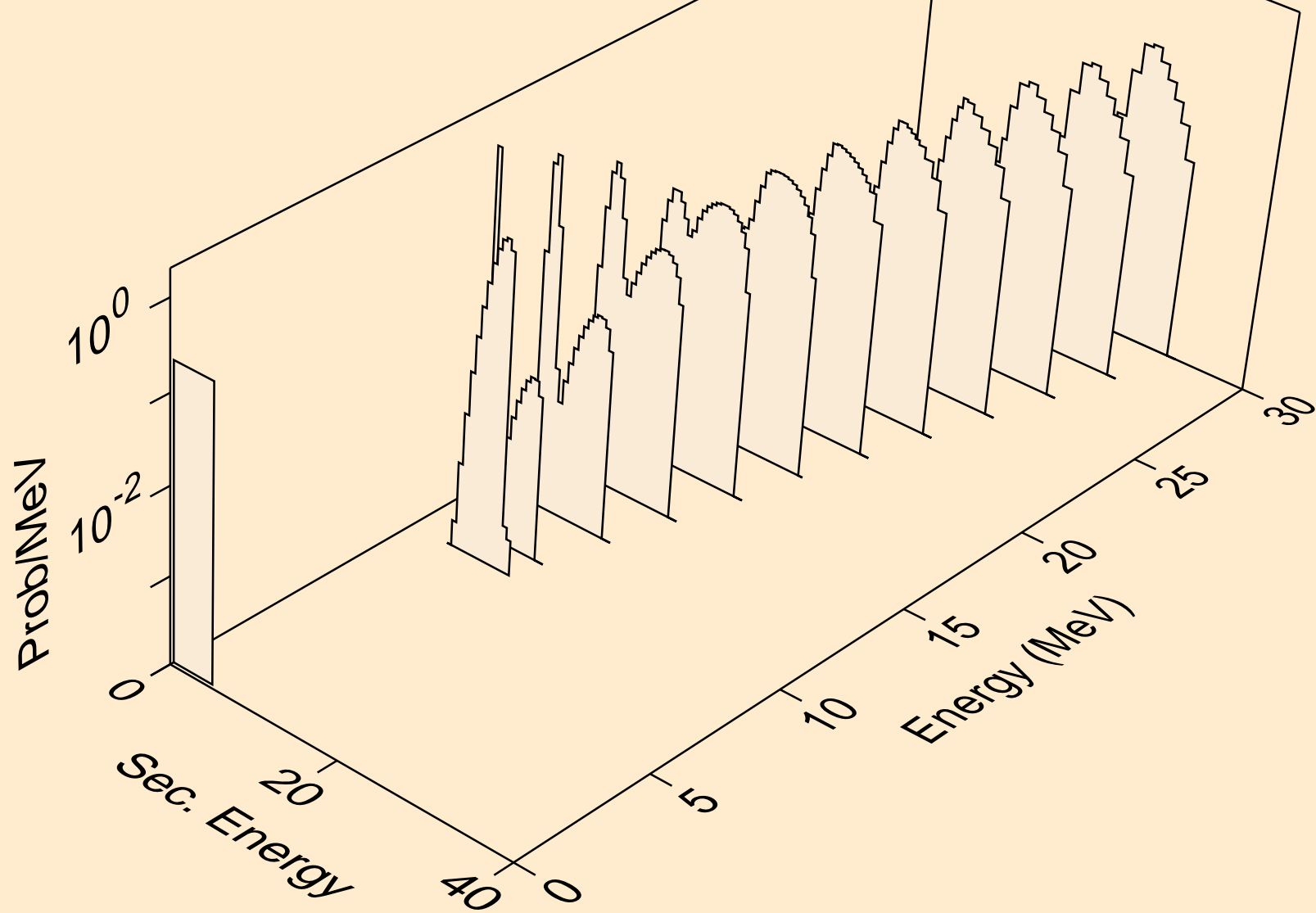
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



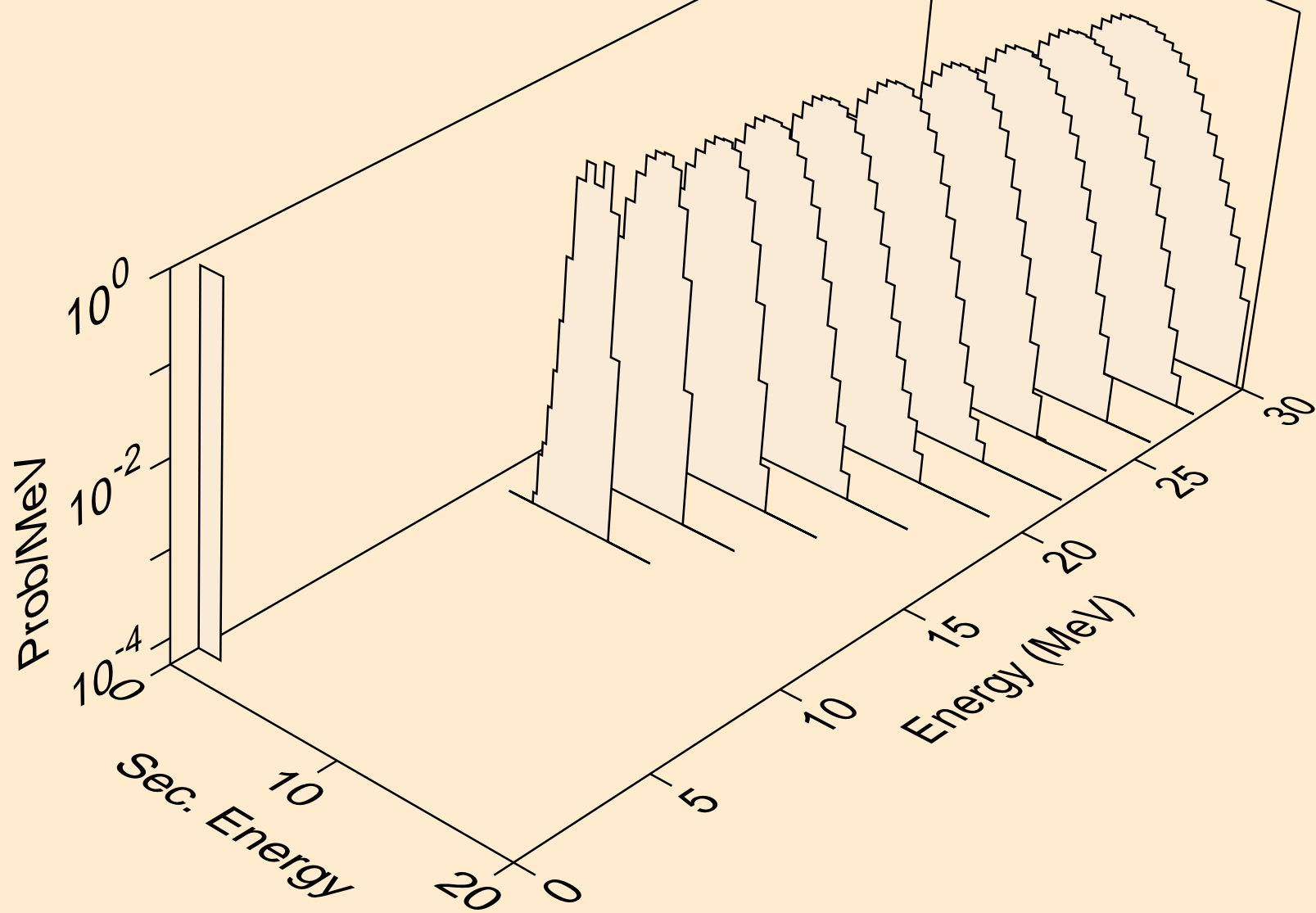
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



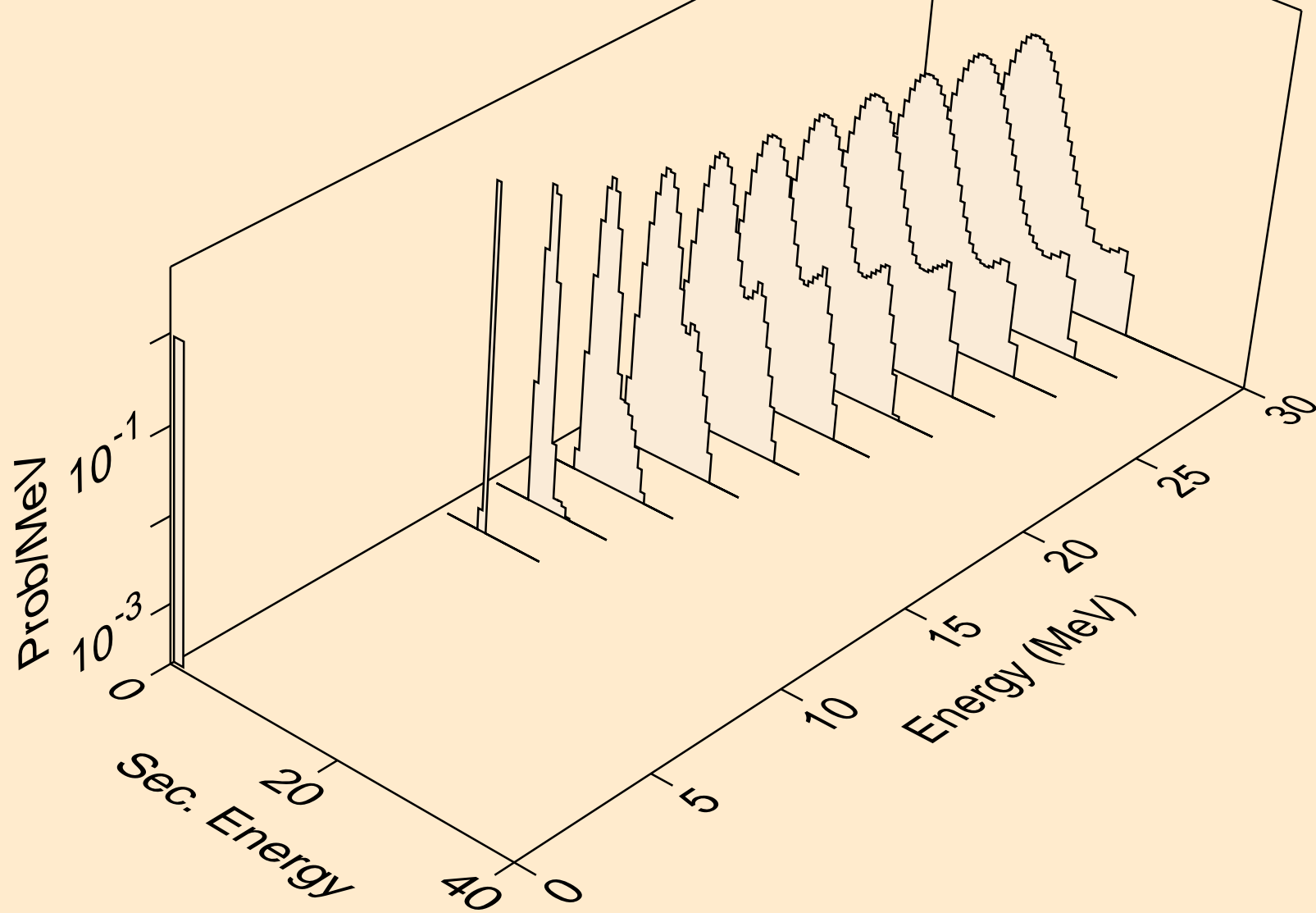
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



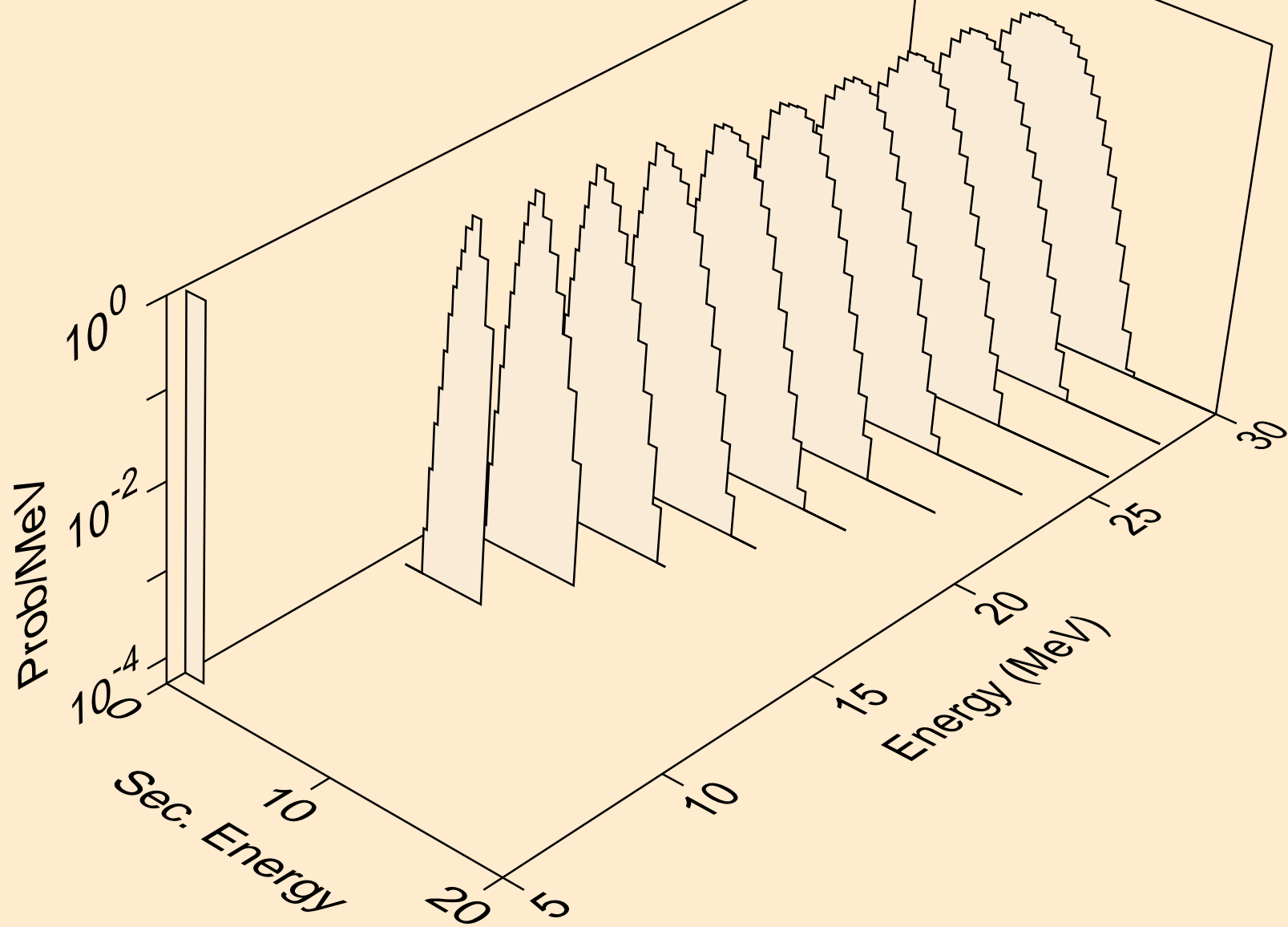
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



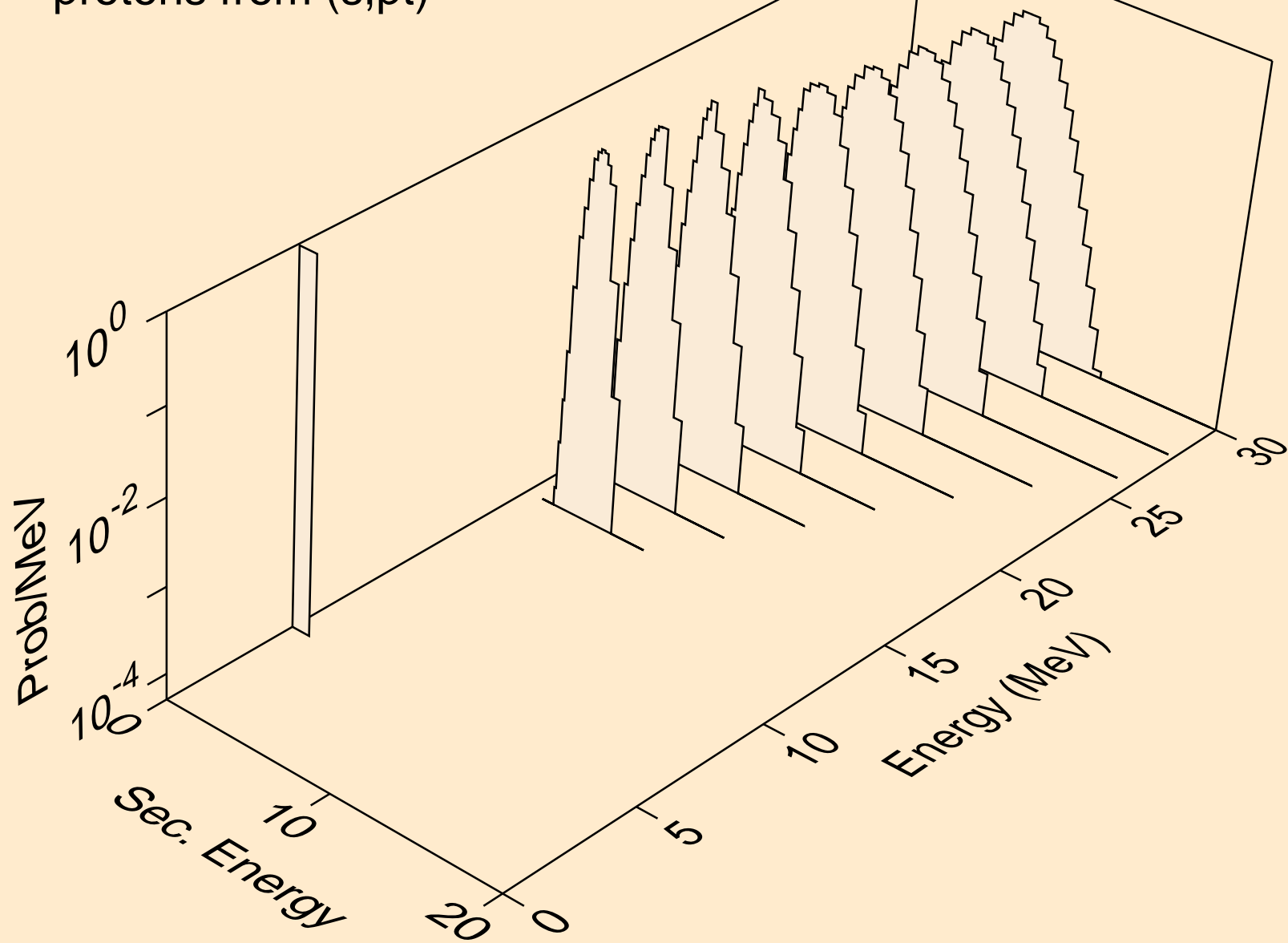
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



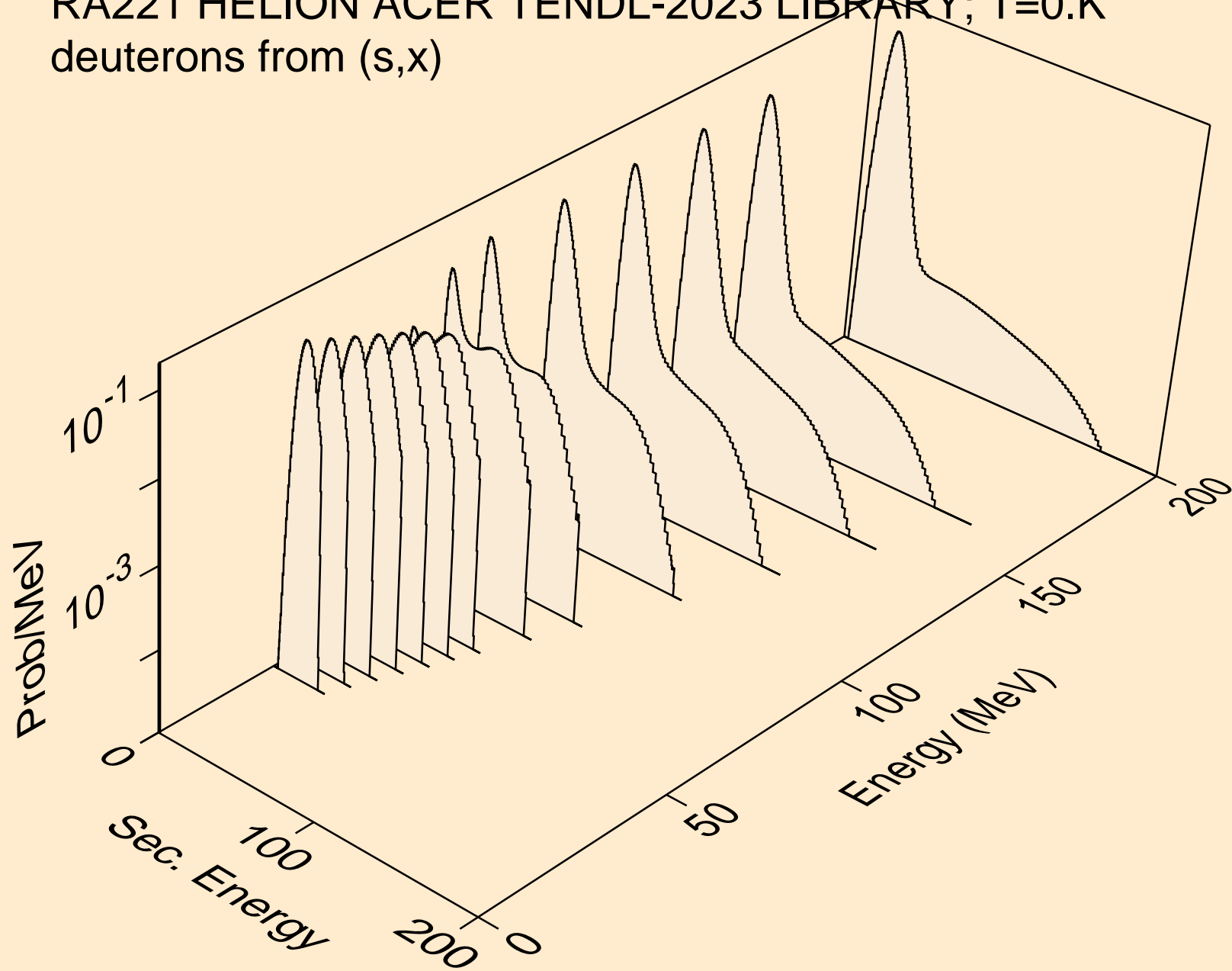
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

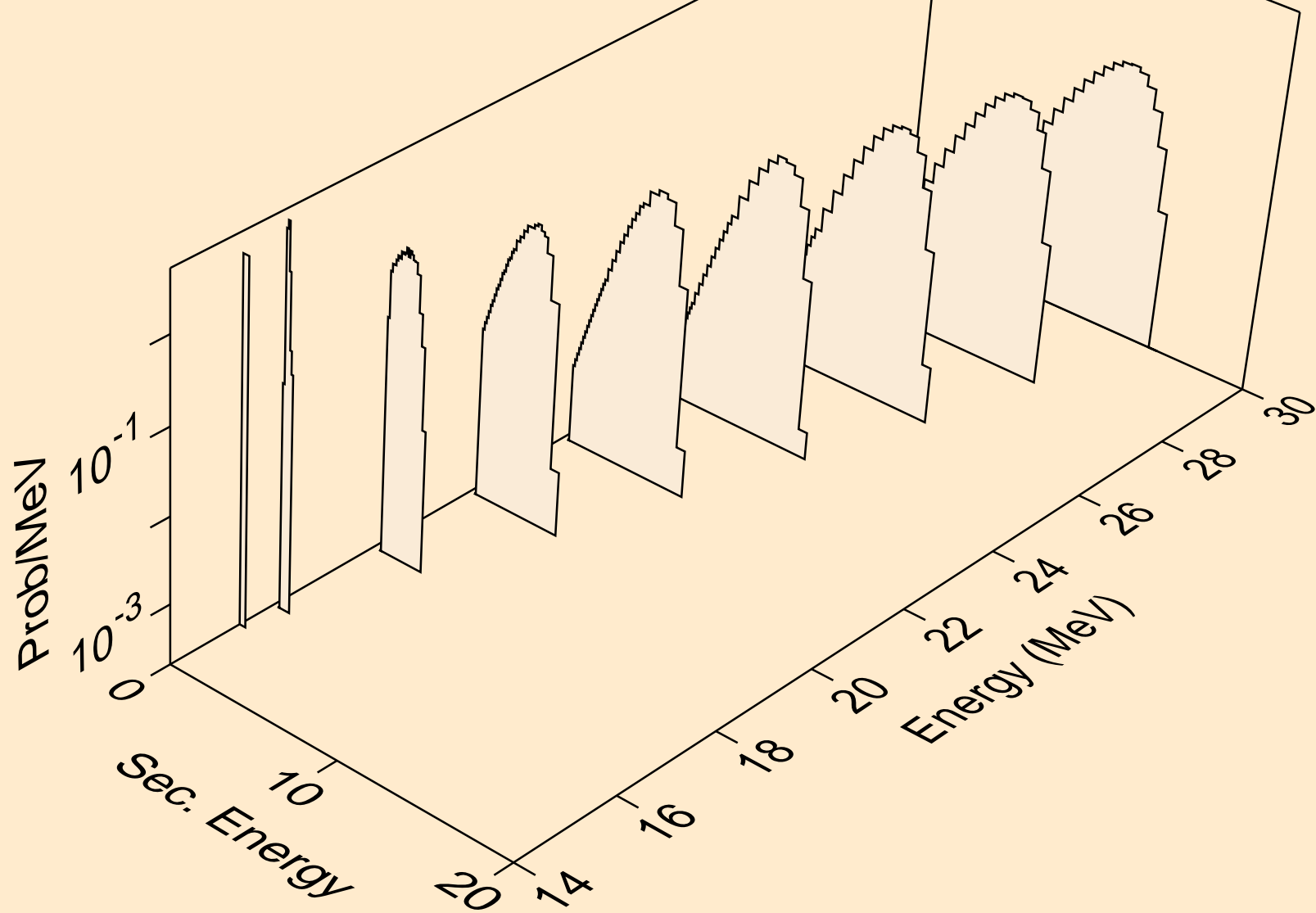


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)

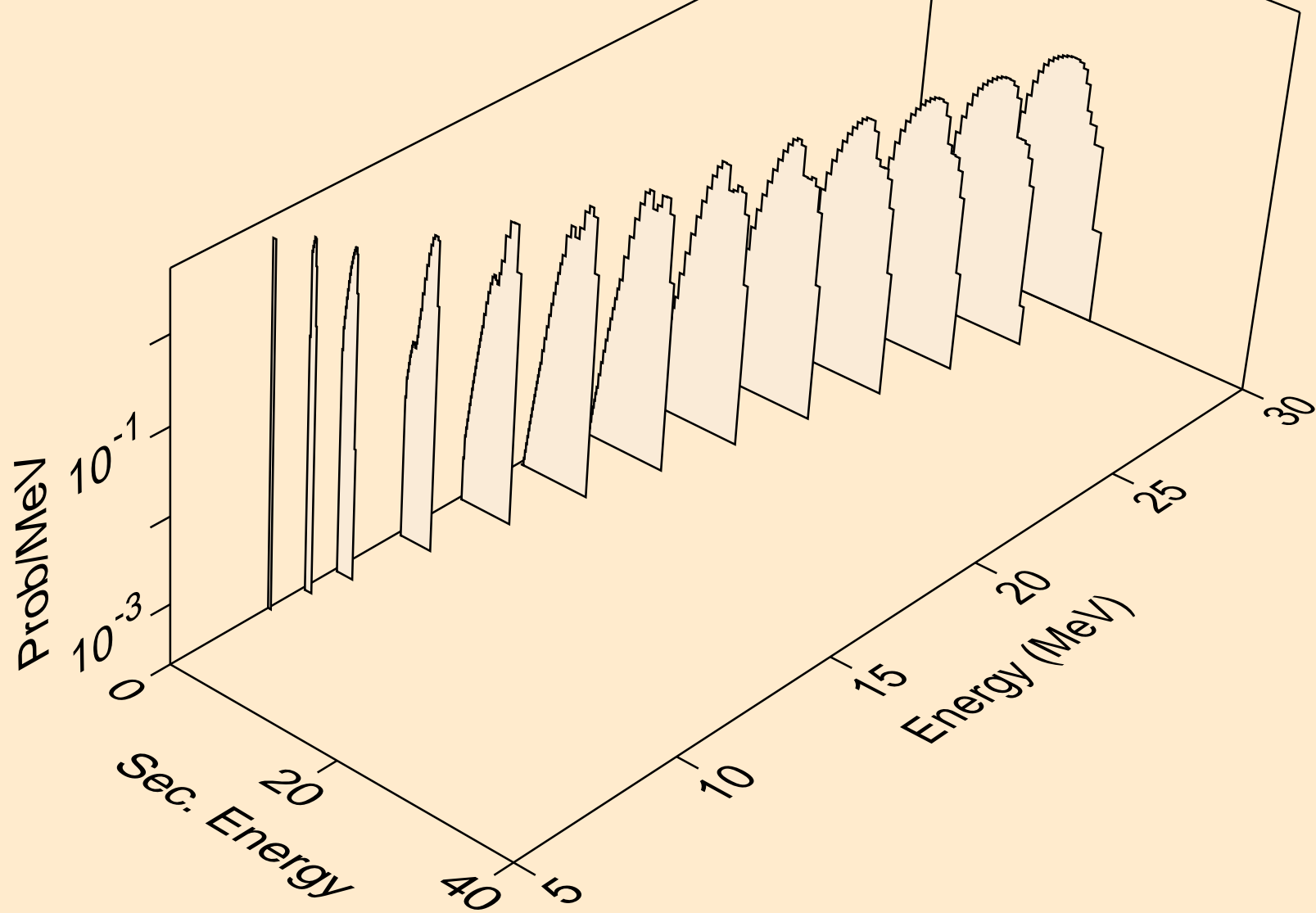




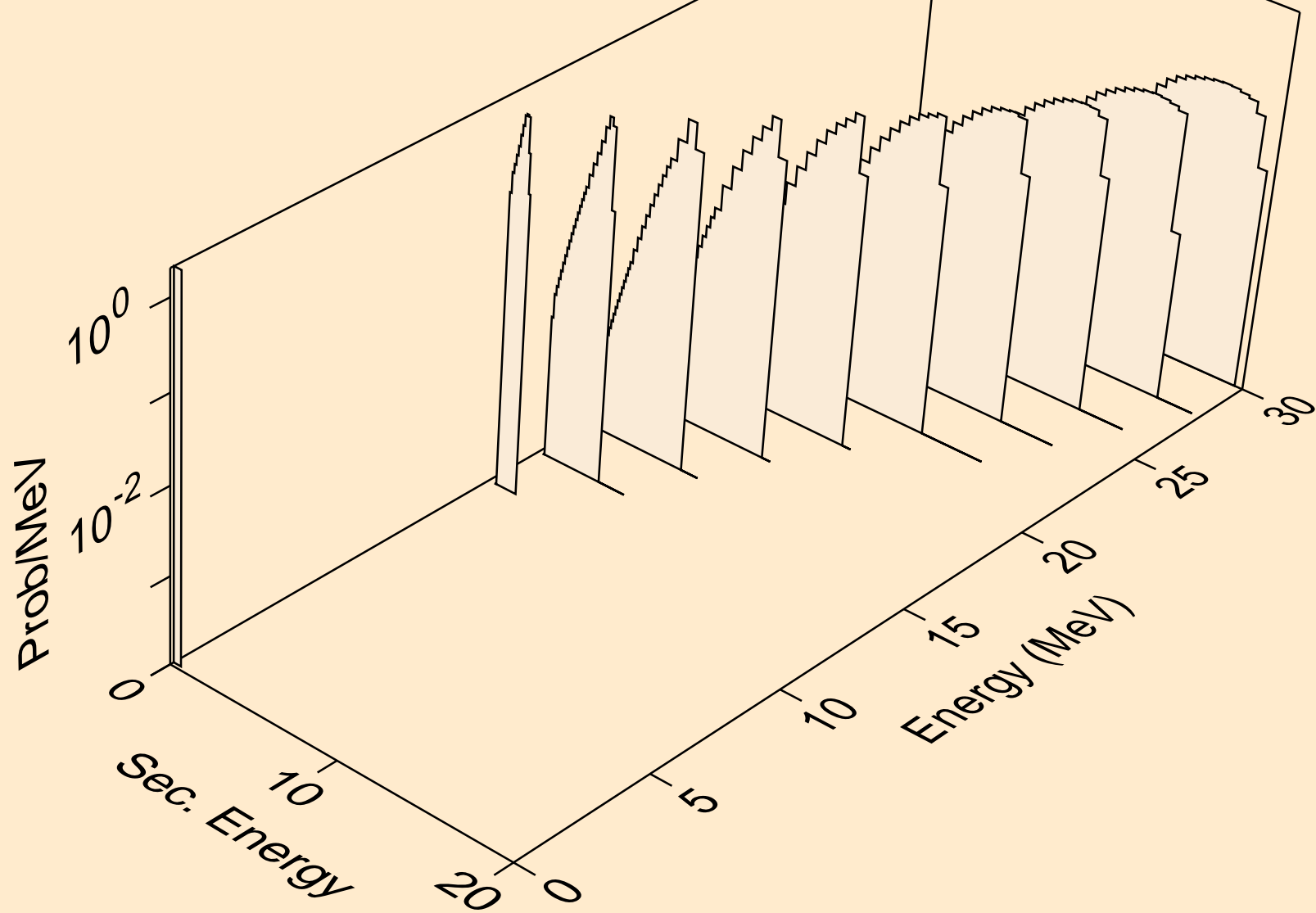
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)



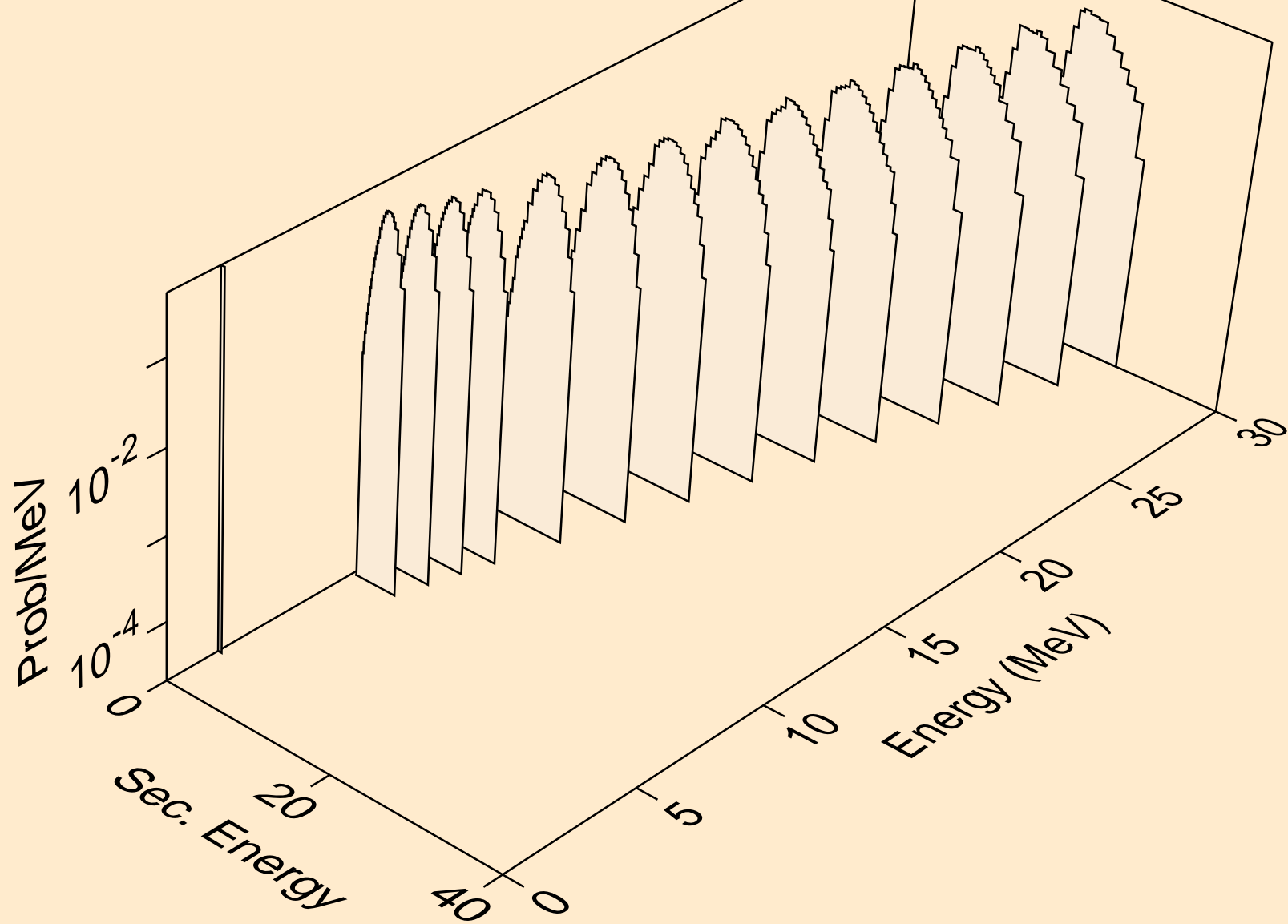
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



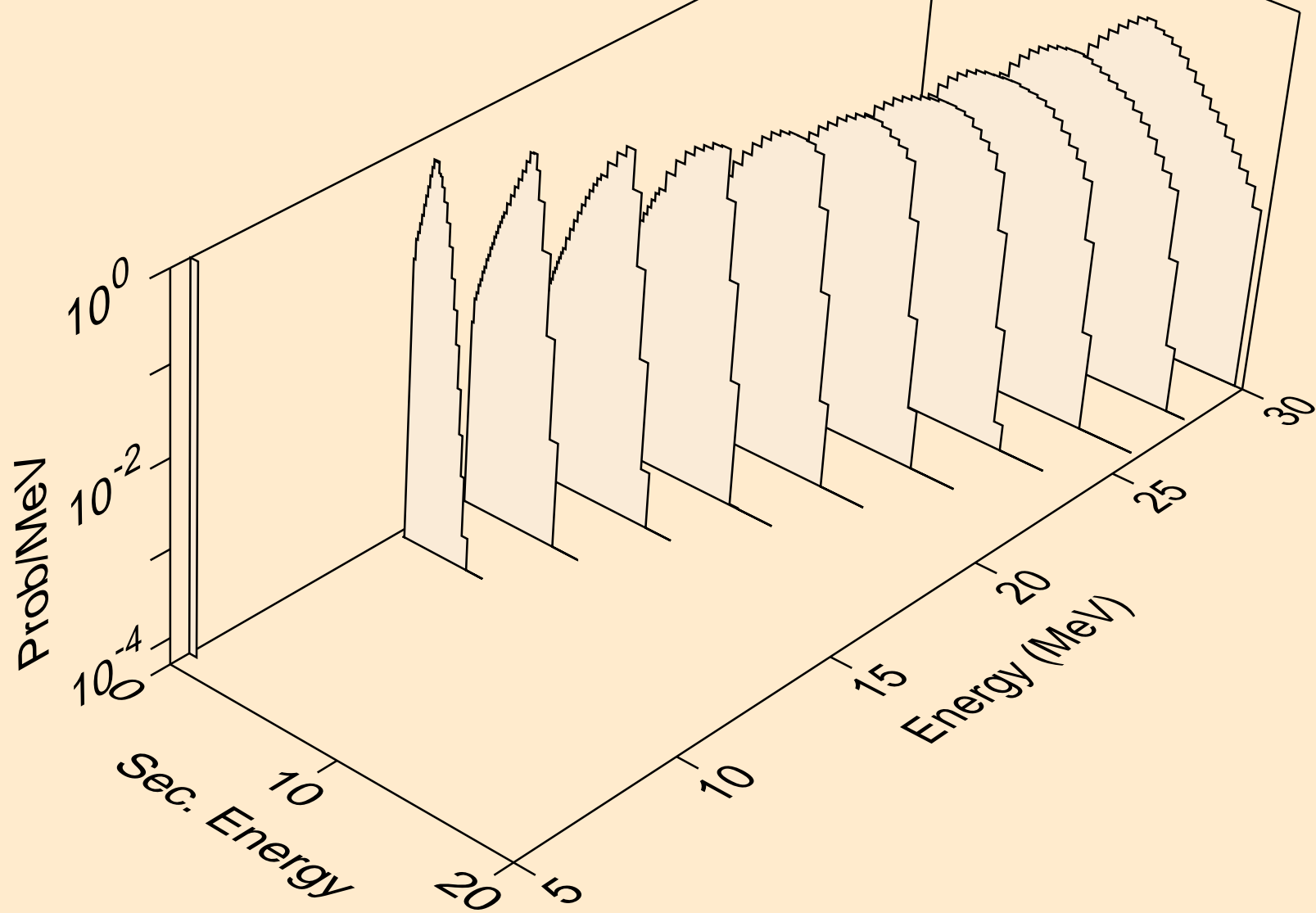
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d2a



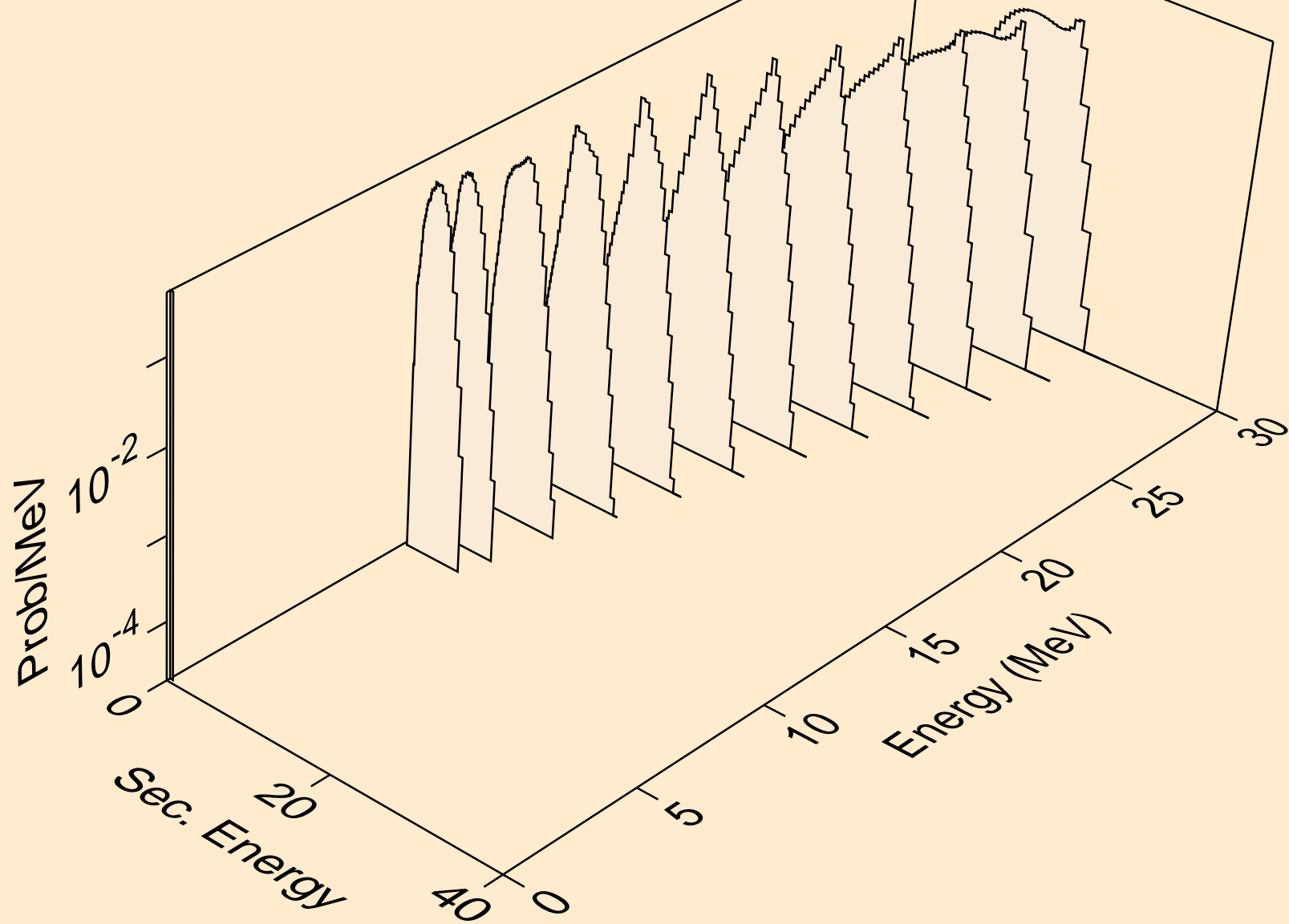
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



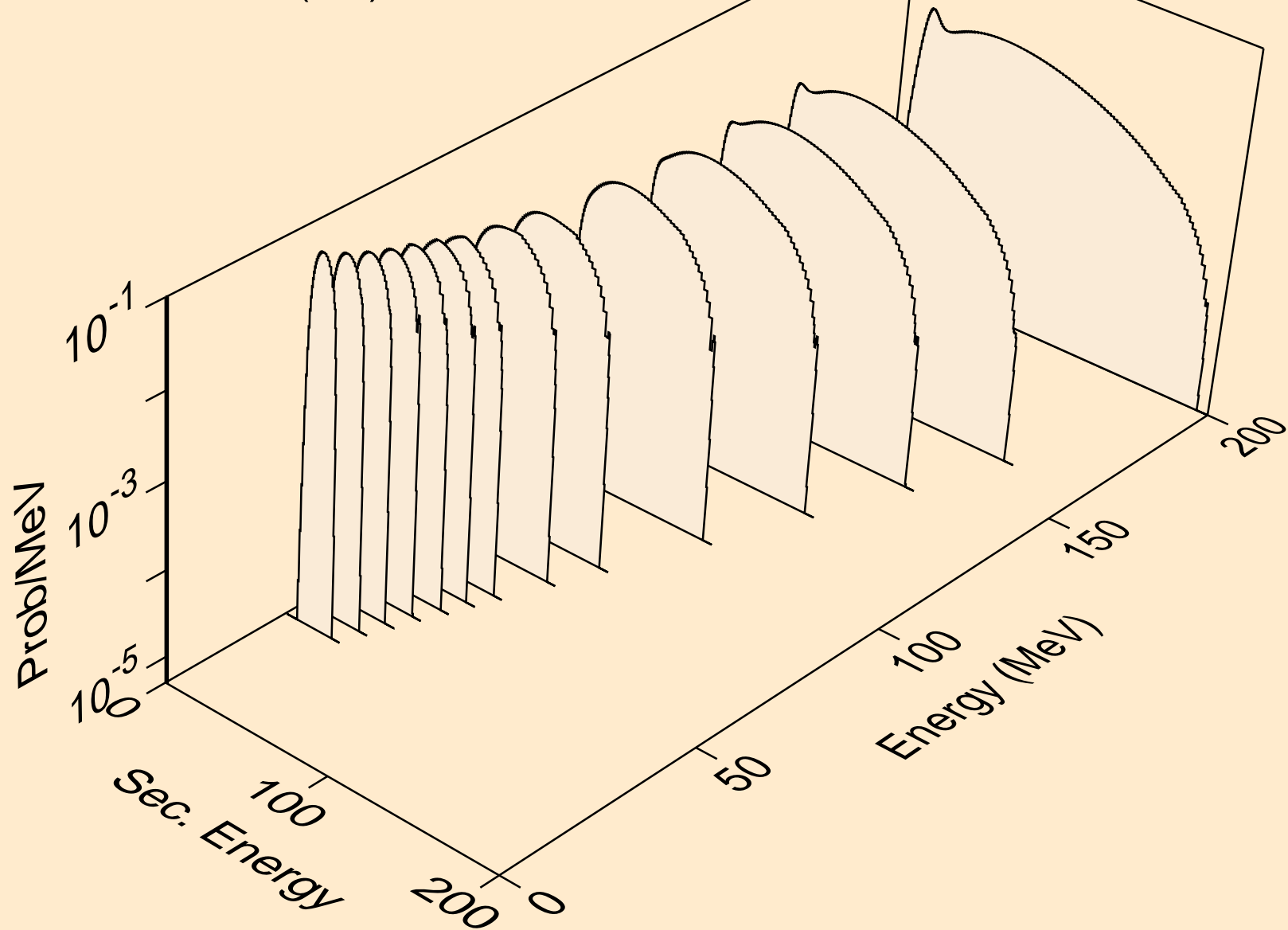
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



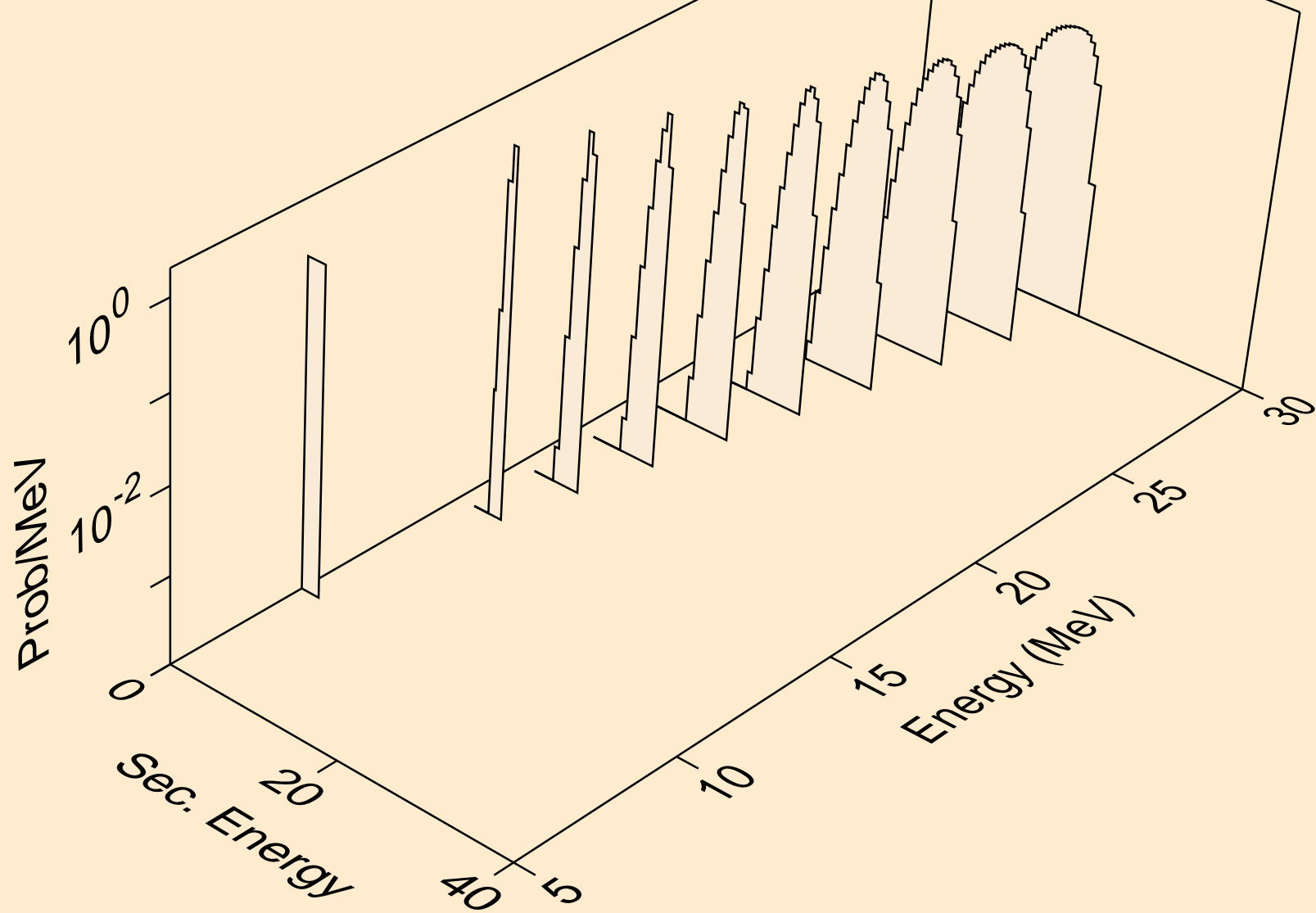
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)

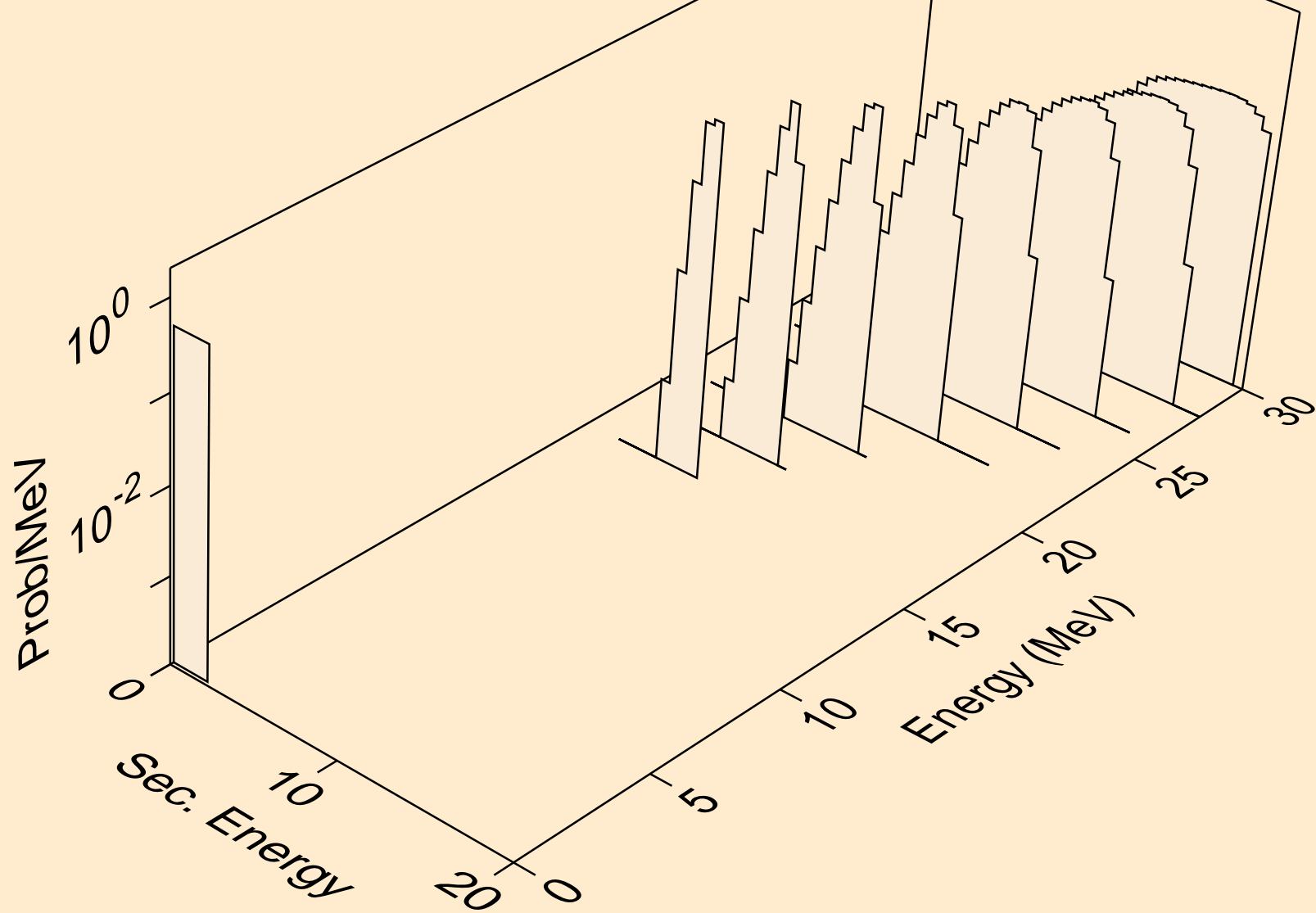


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

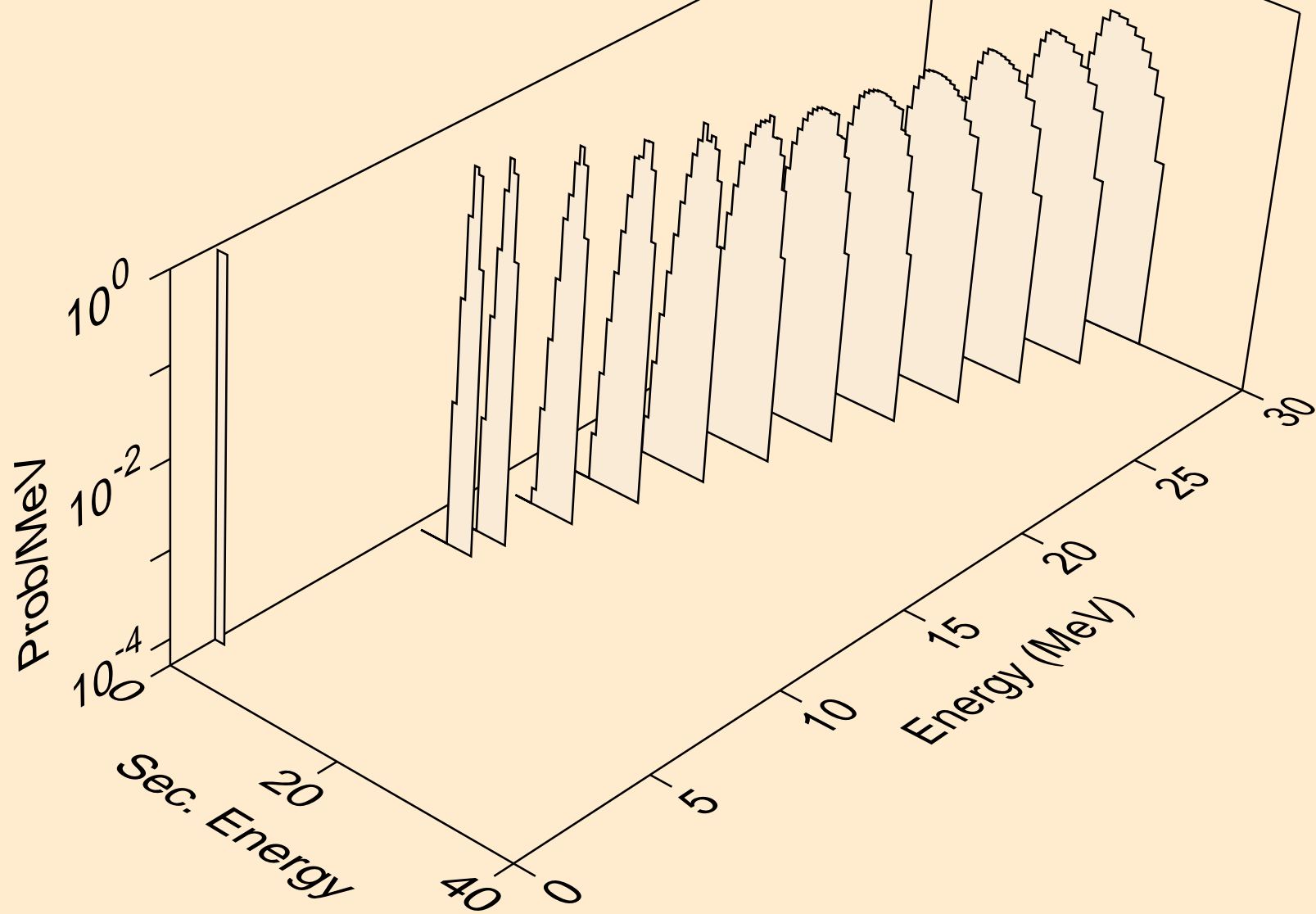




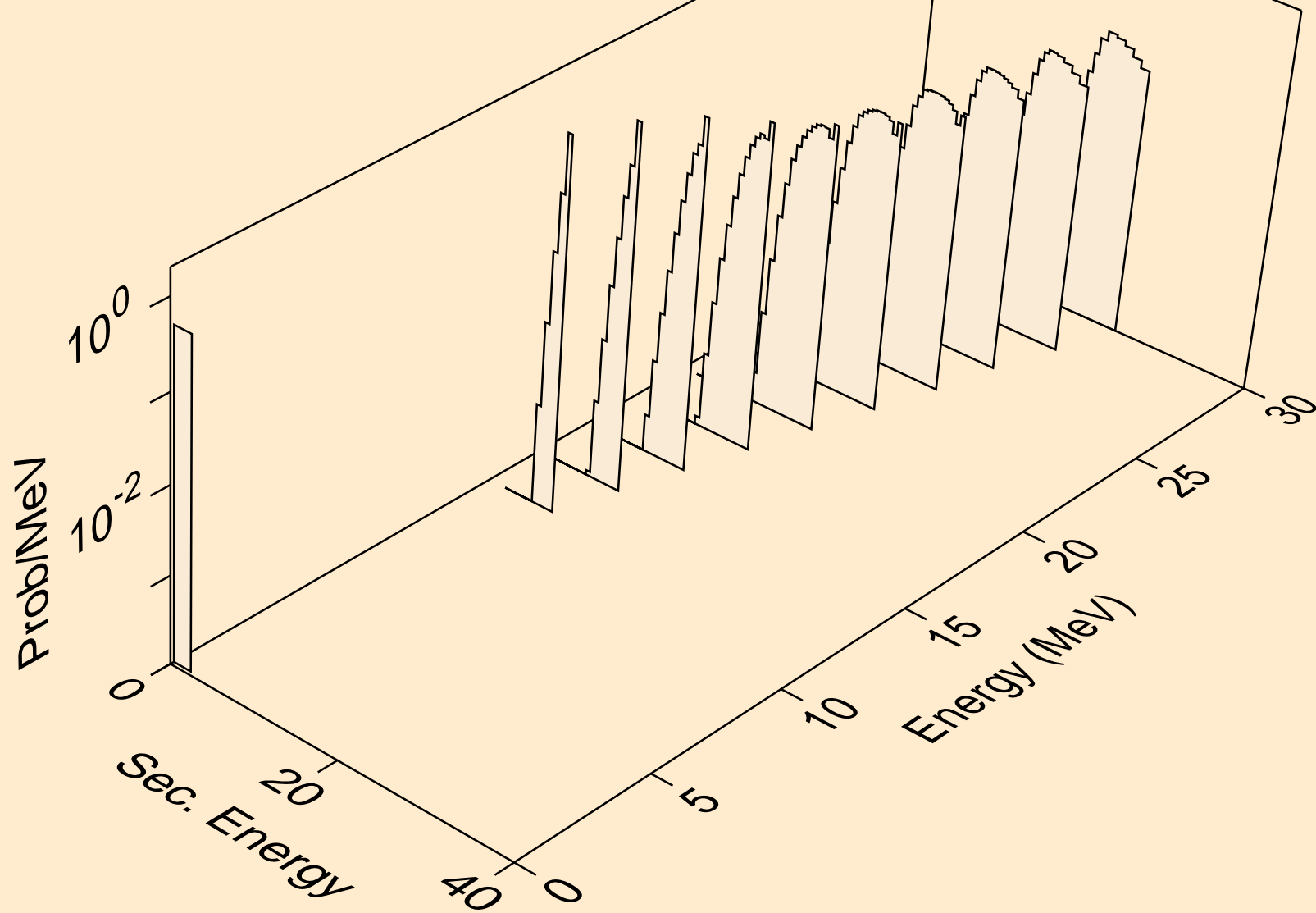
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t2a



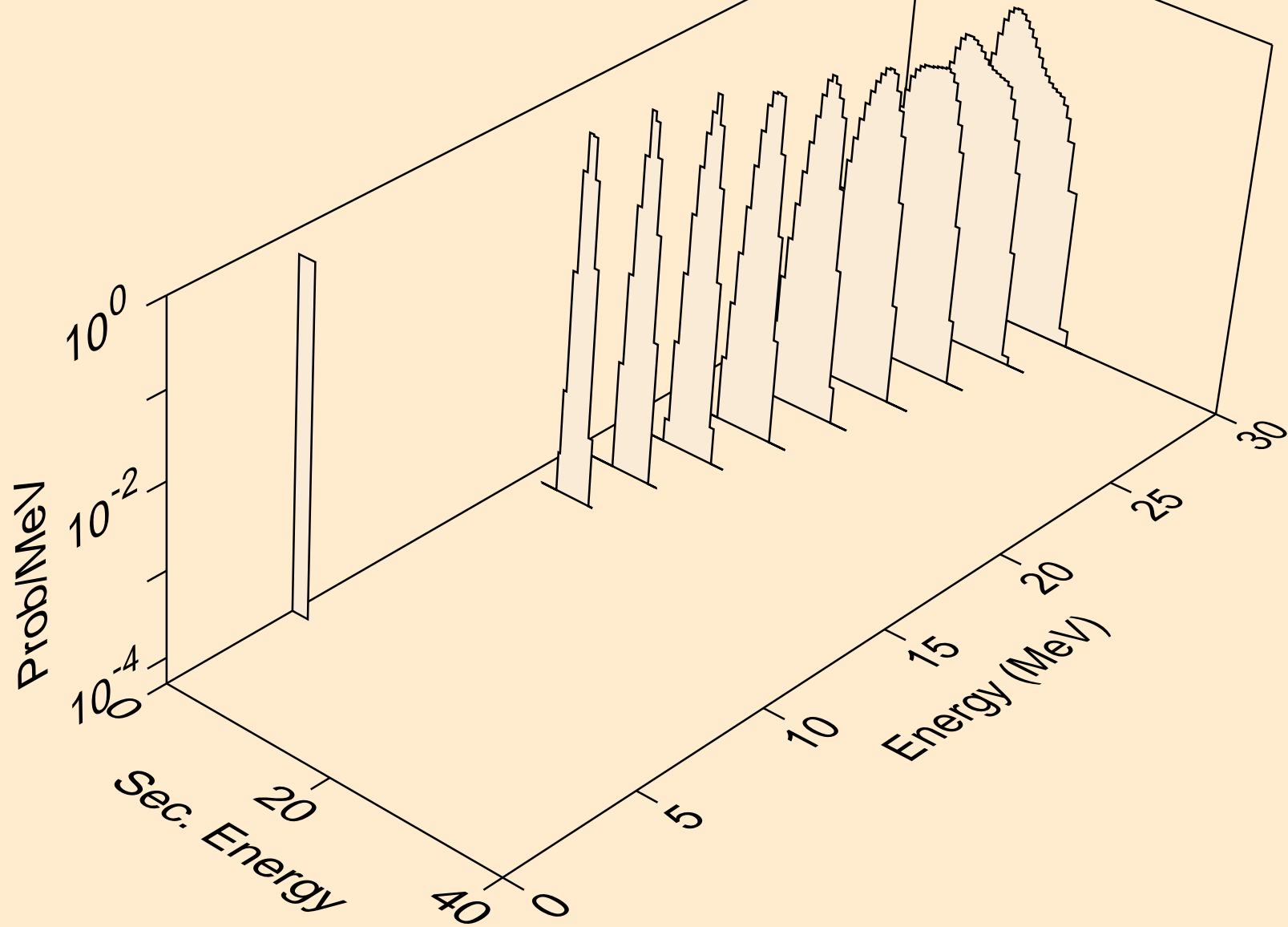
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



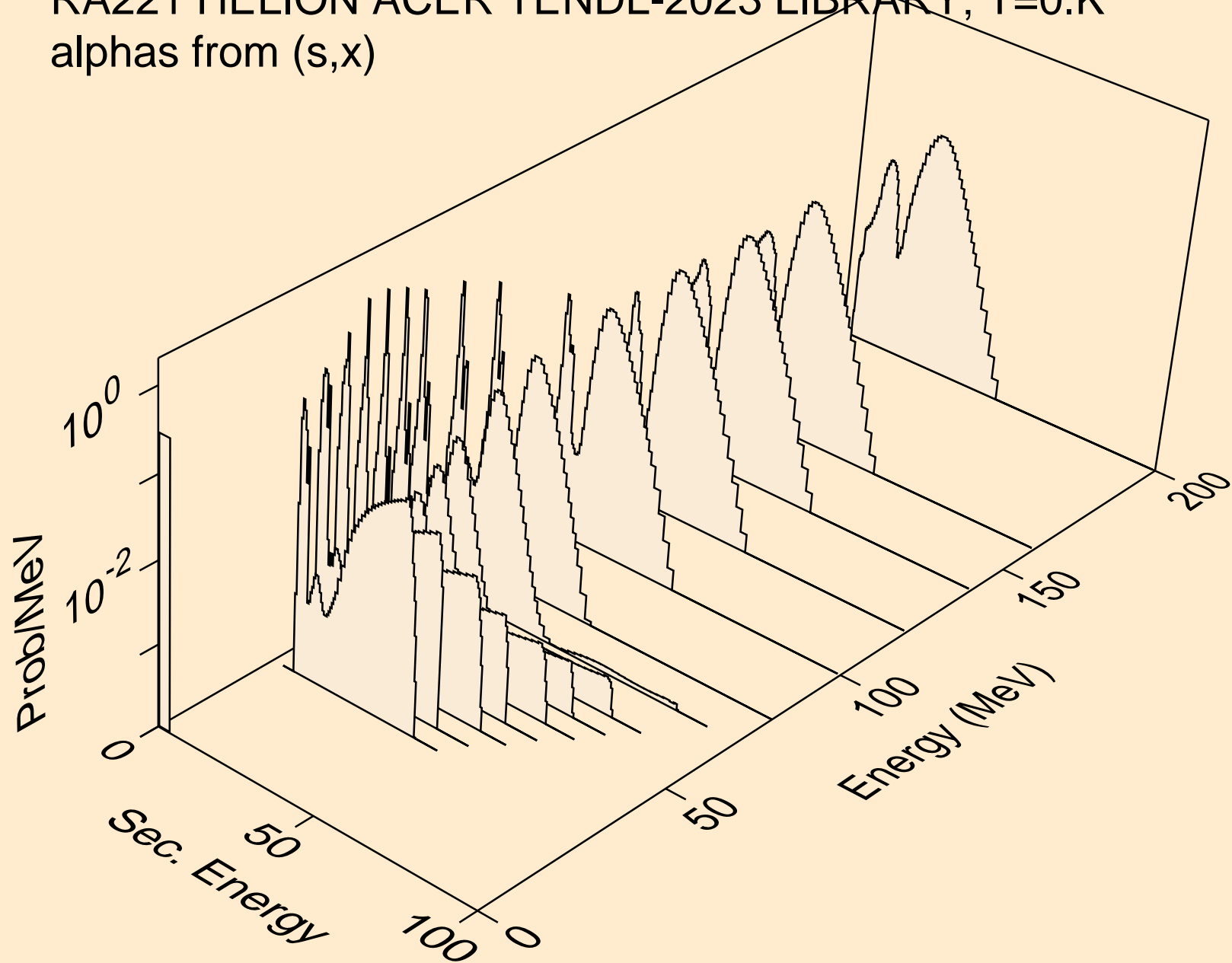
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t2a)



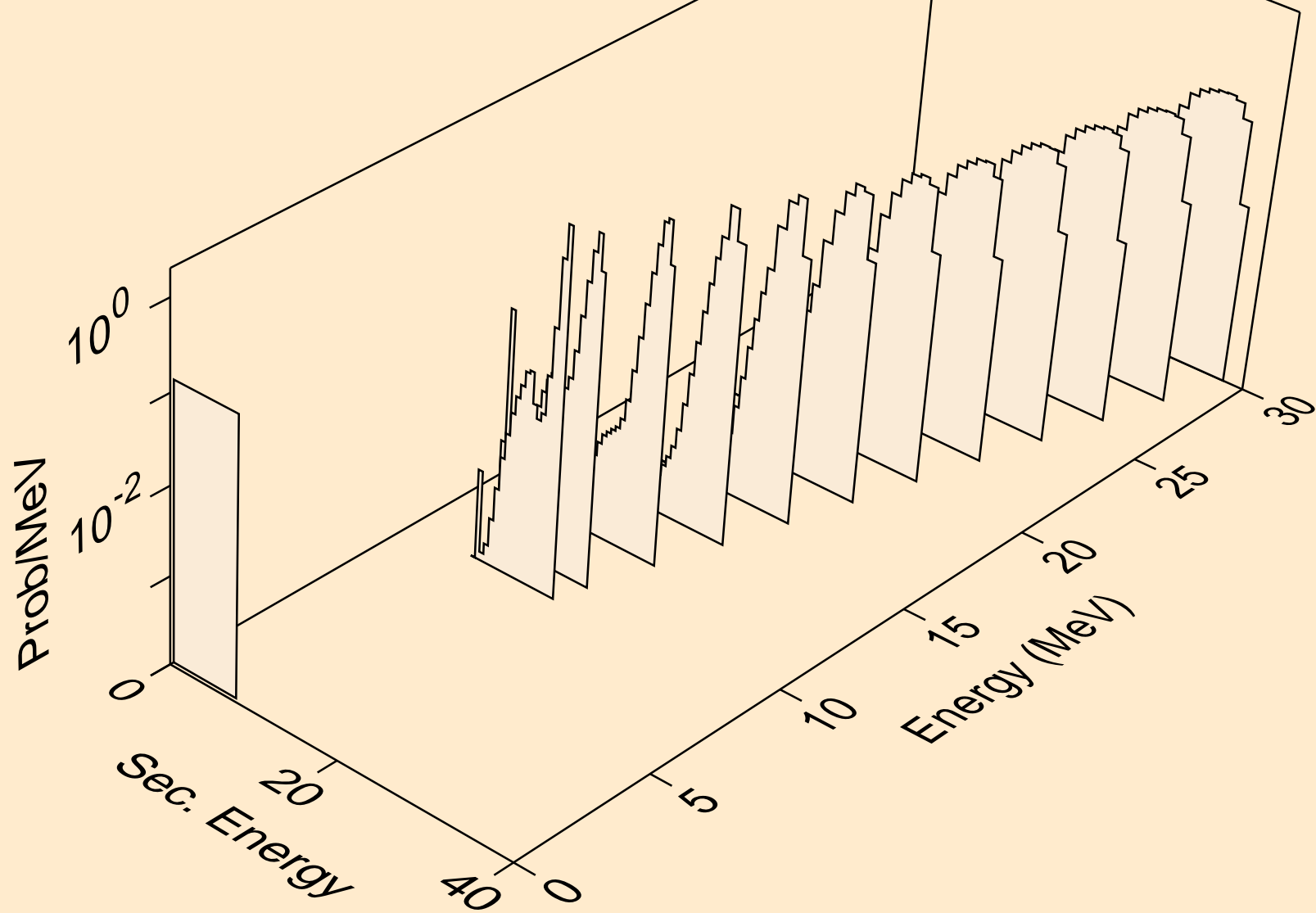
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



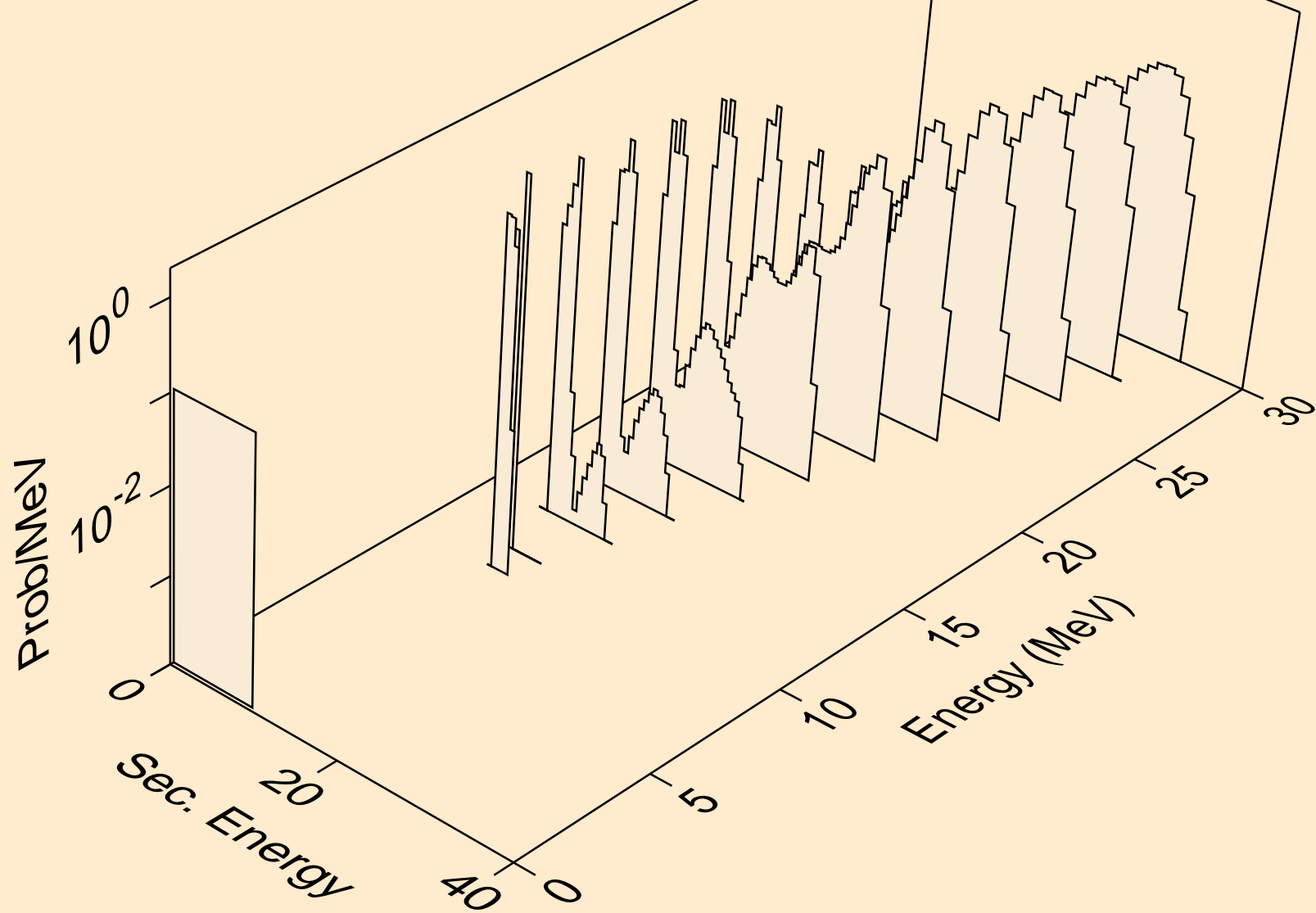
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



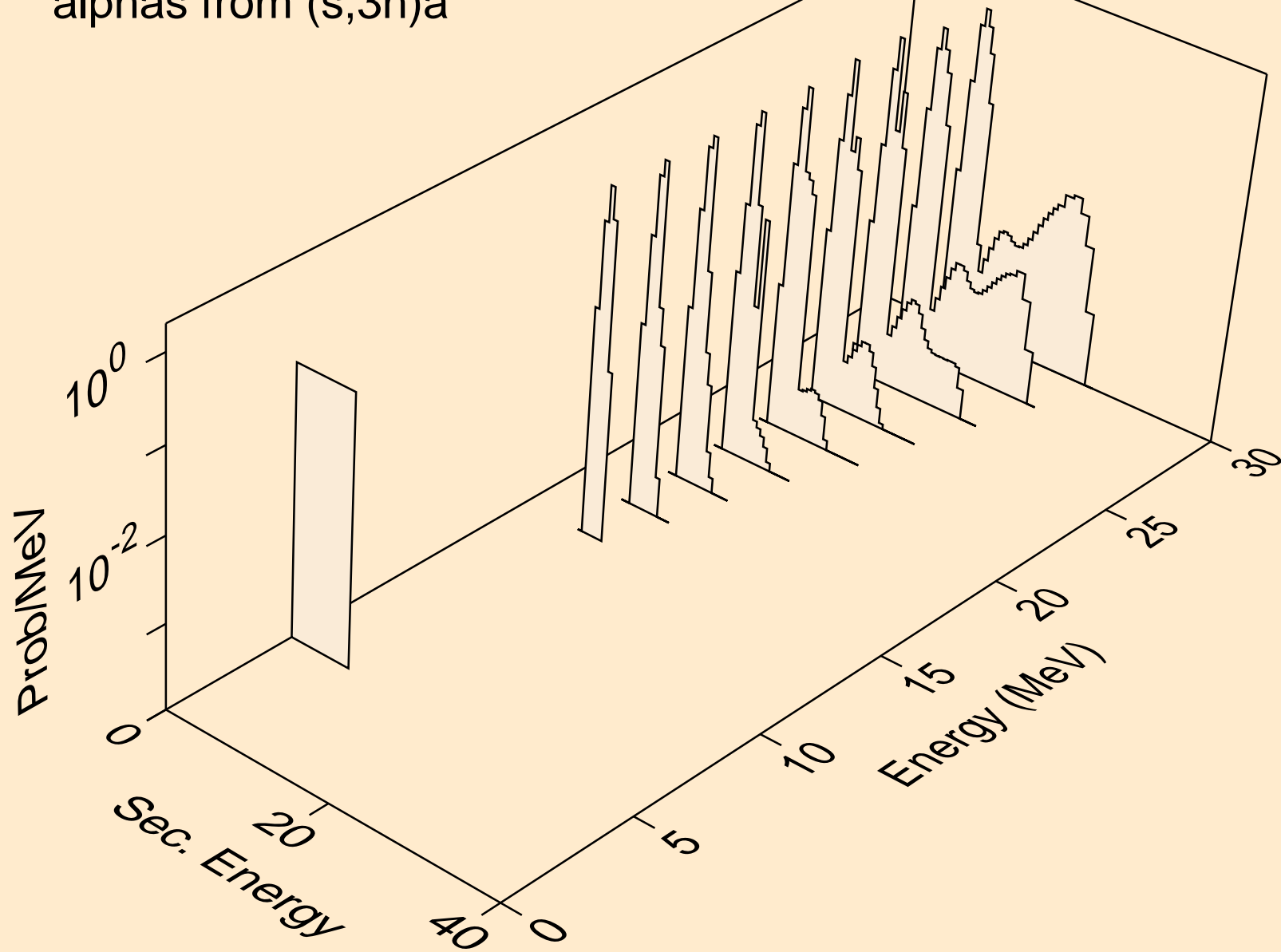
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a

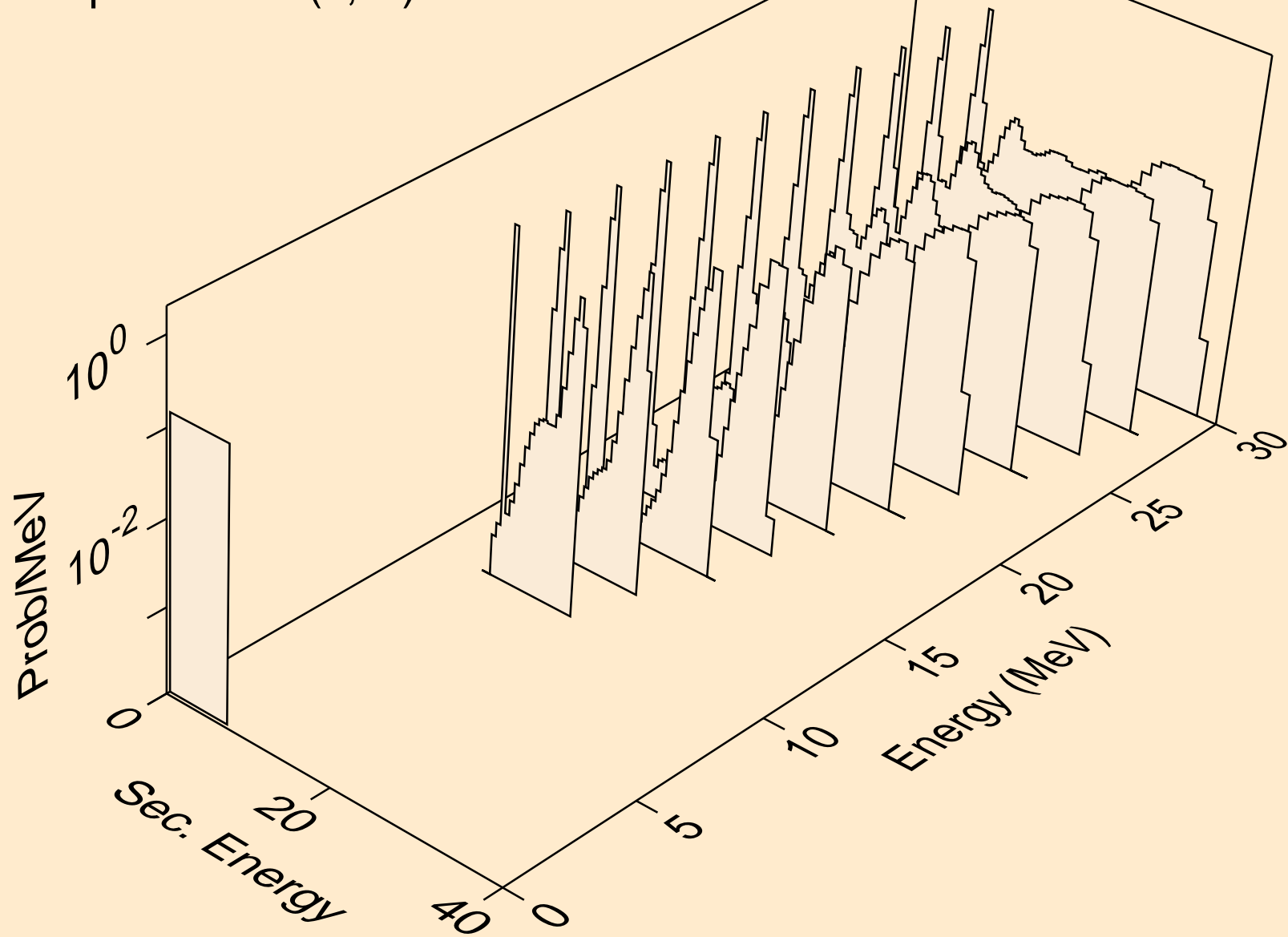


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a

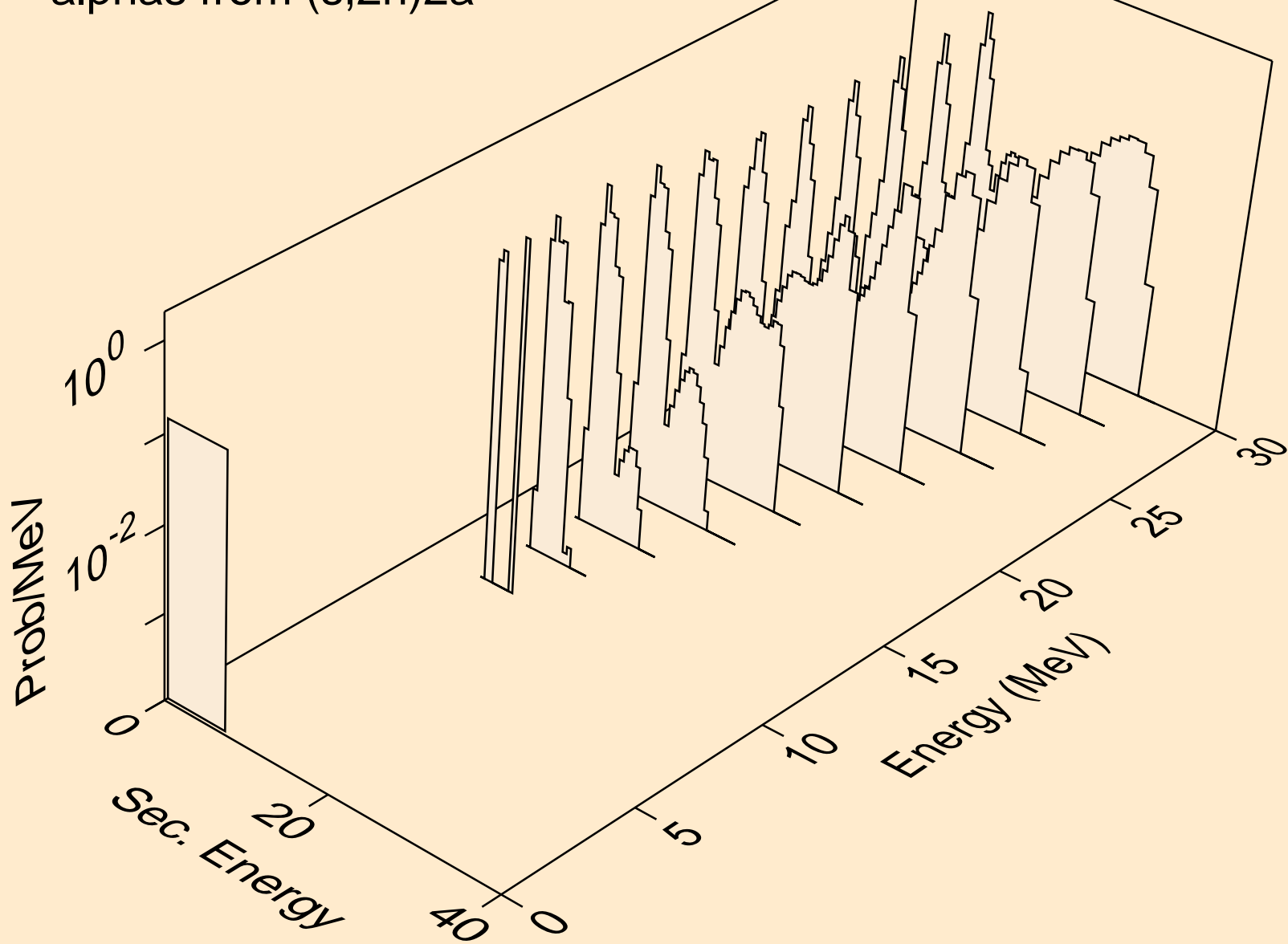




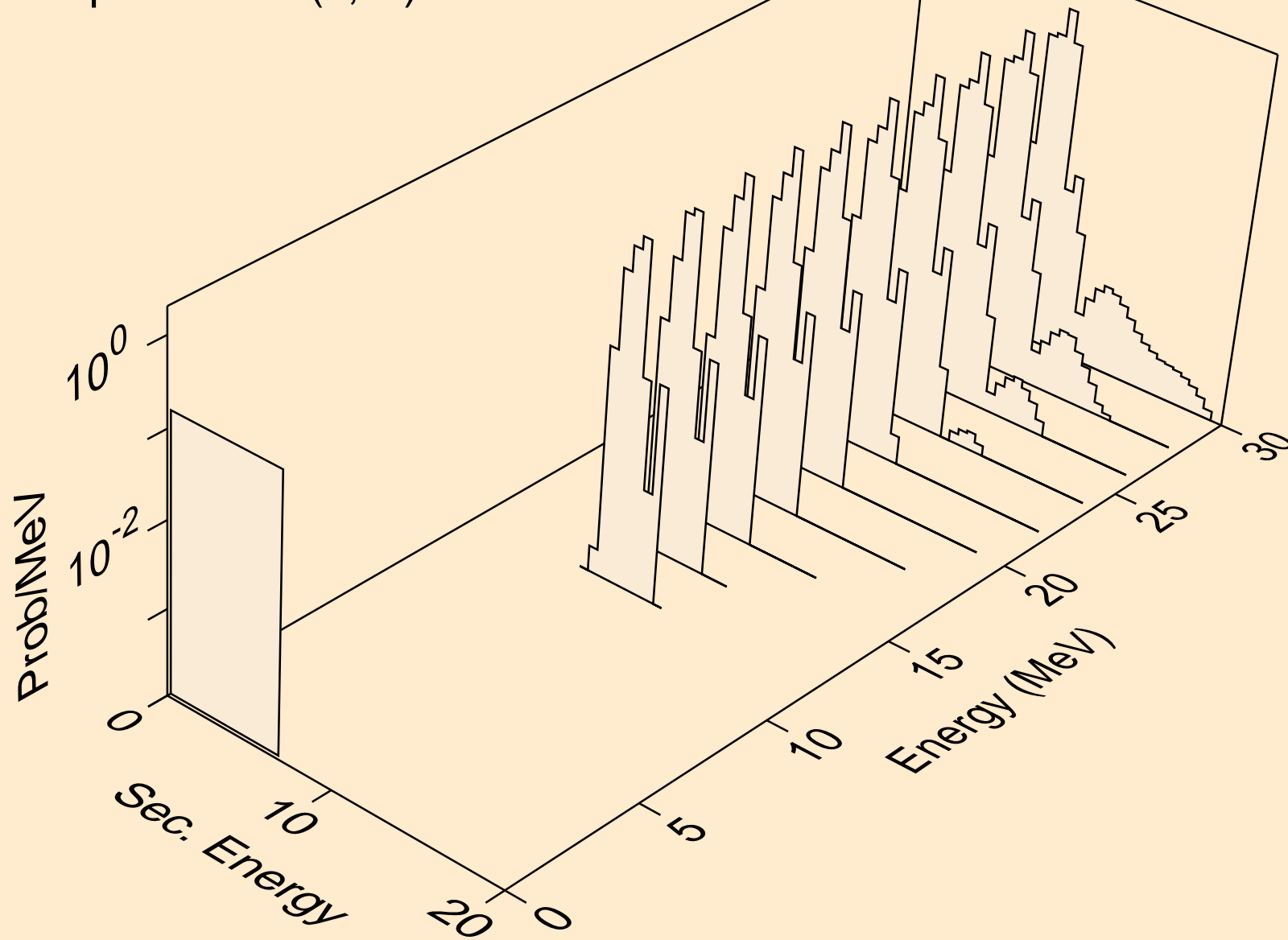
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



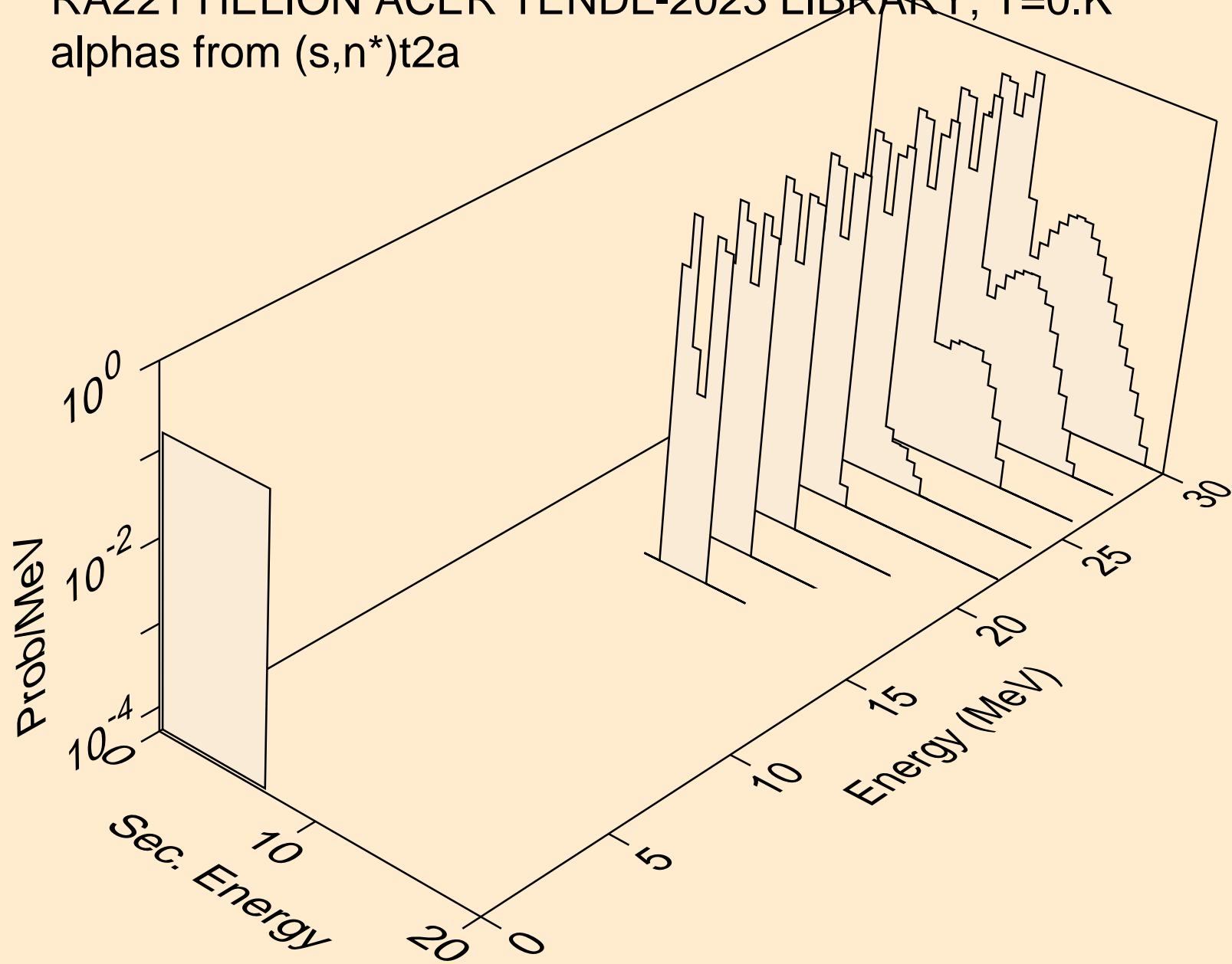
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)2a



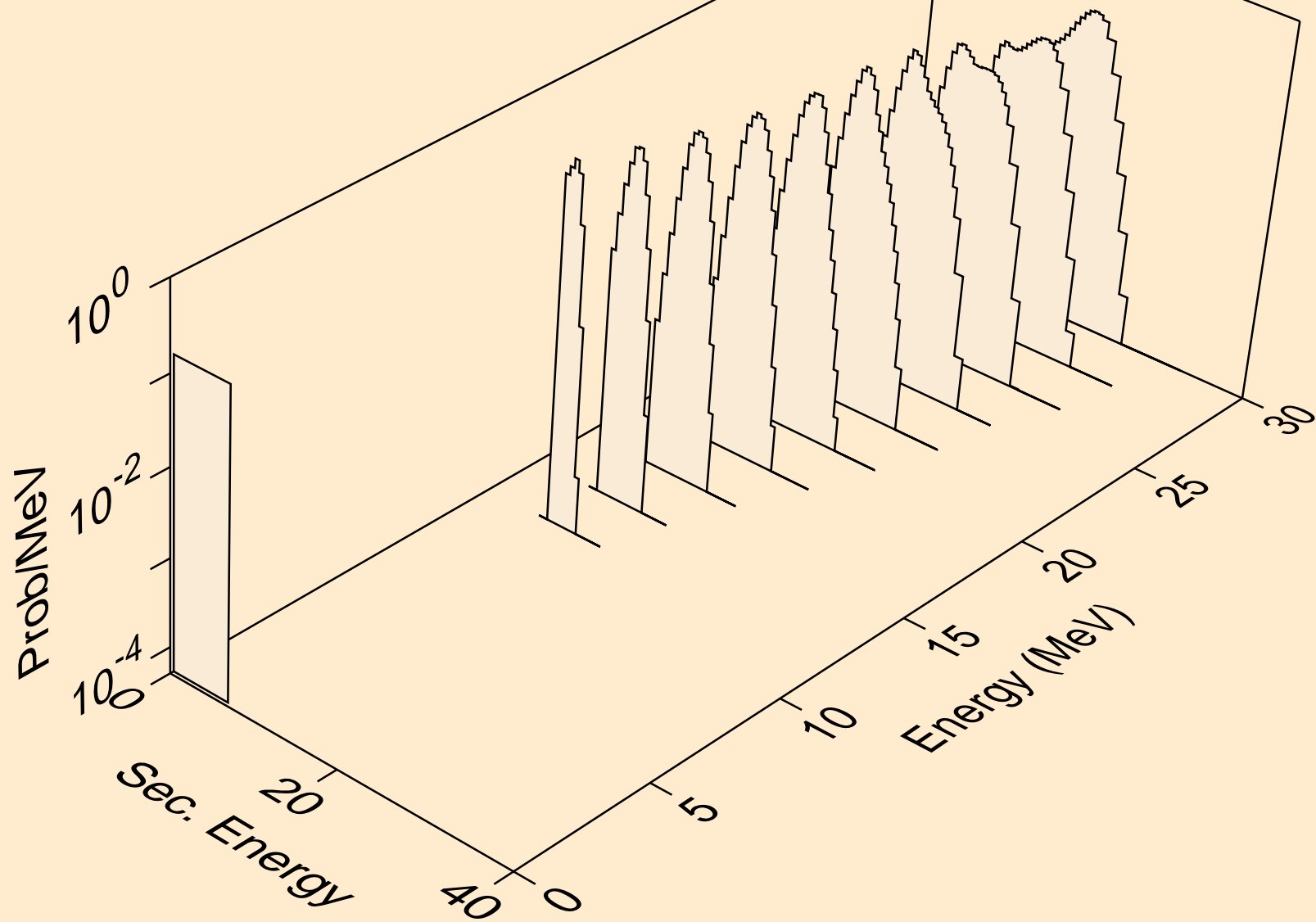
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)d2a



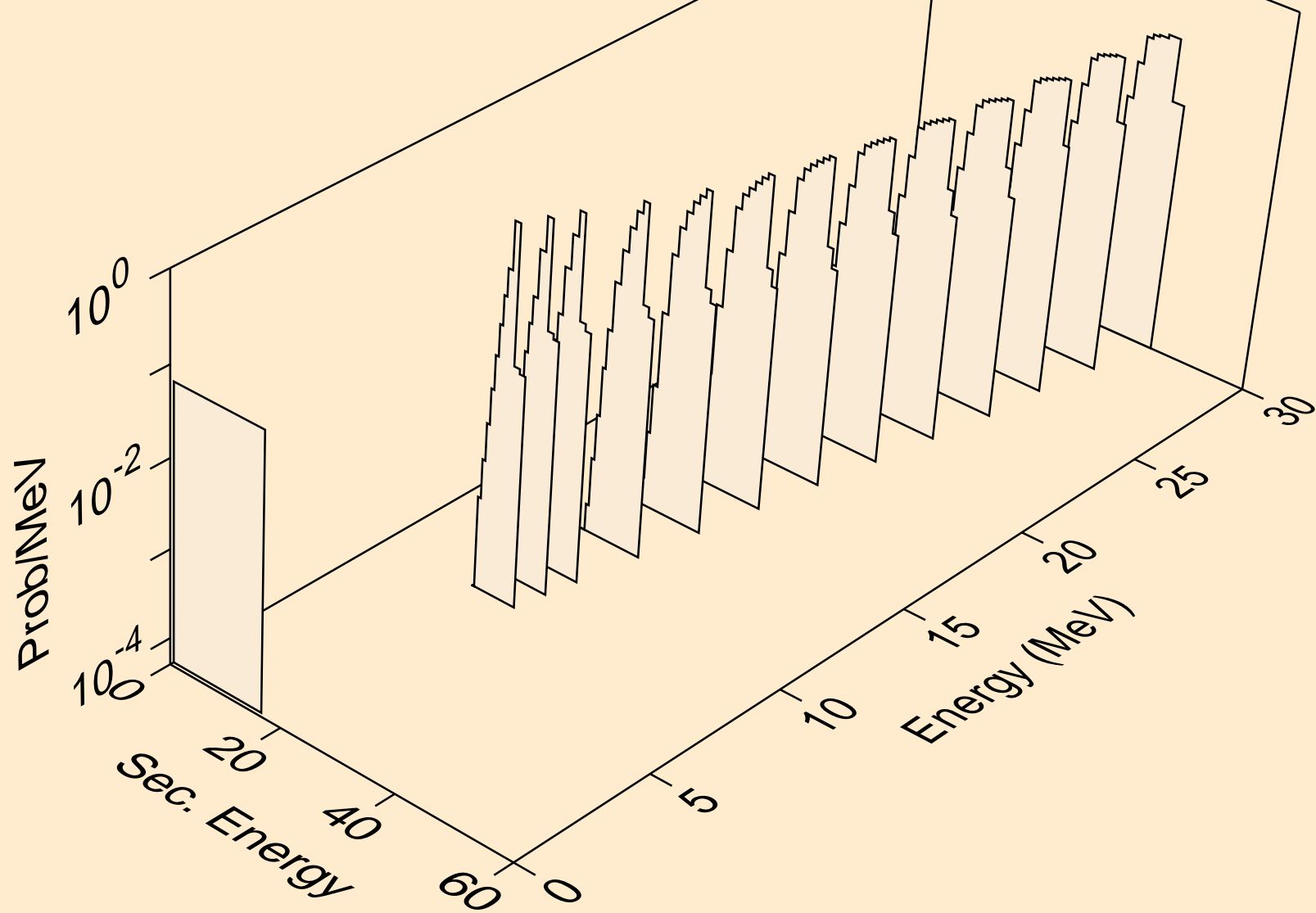
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)t2a



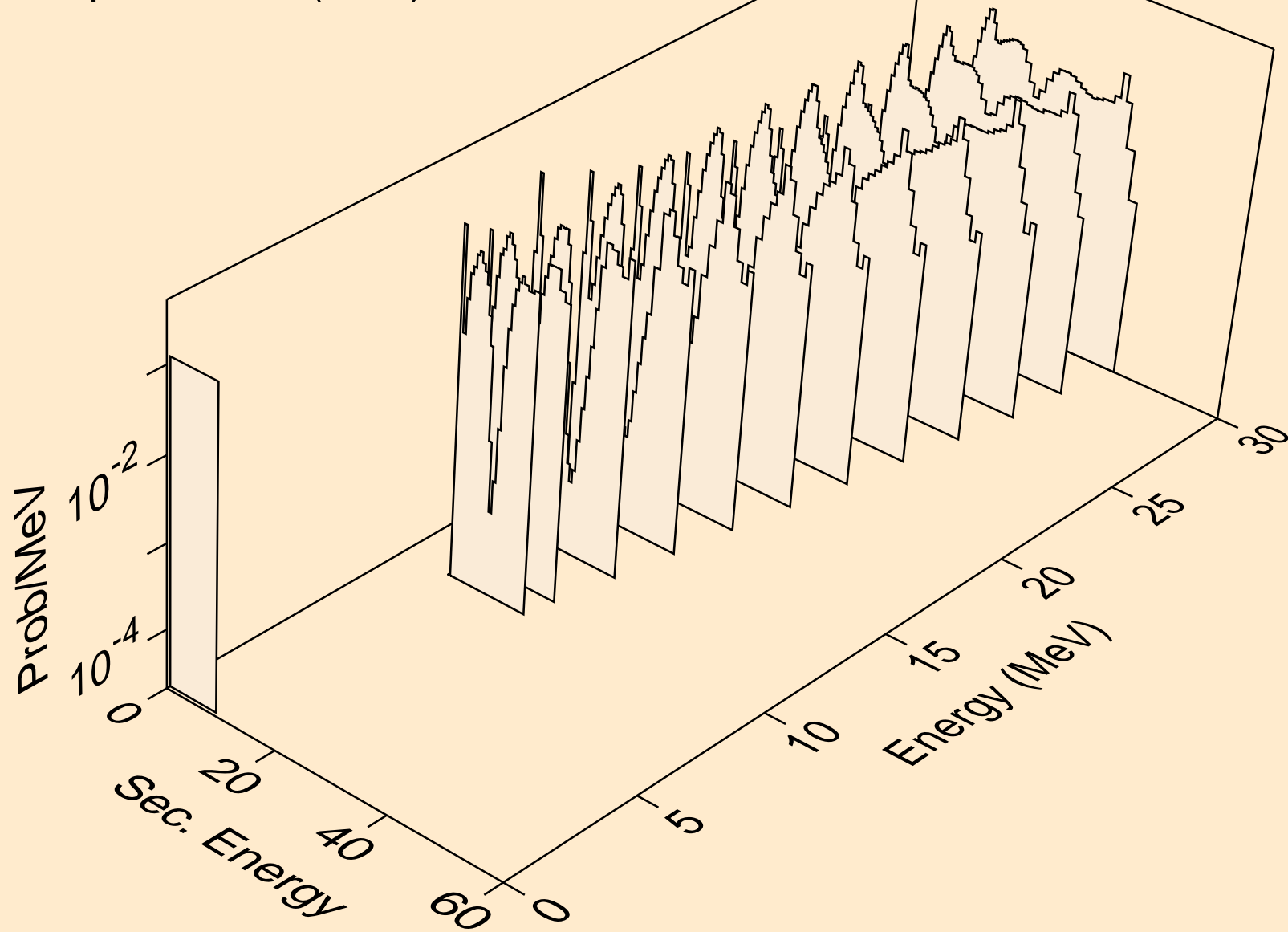
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



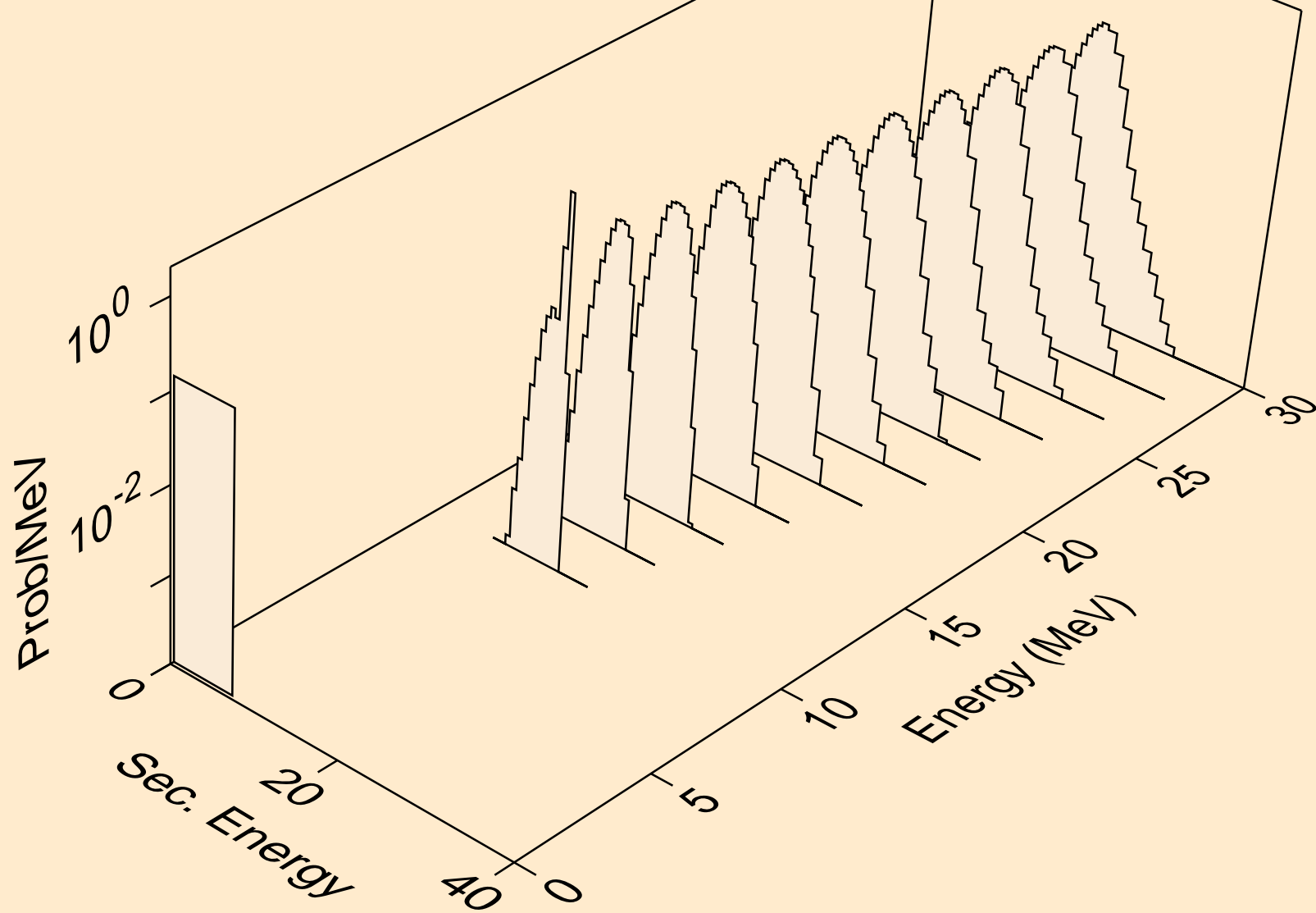
RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)

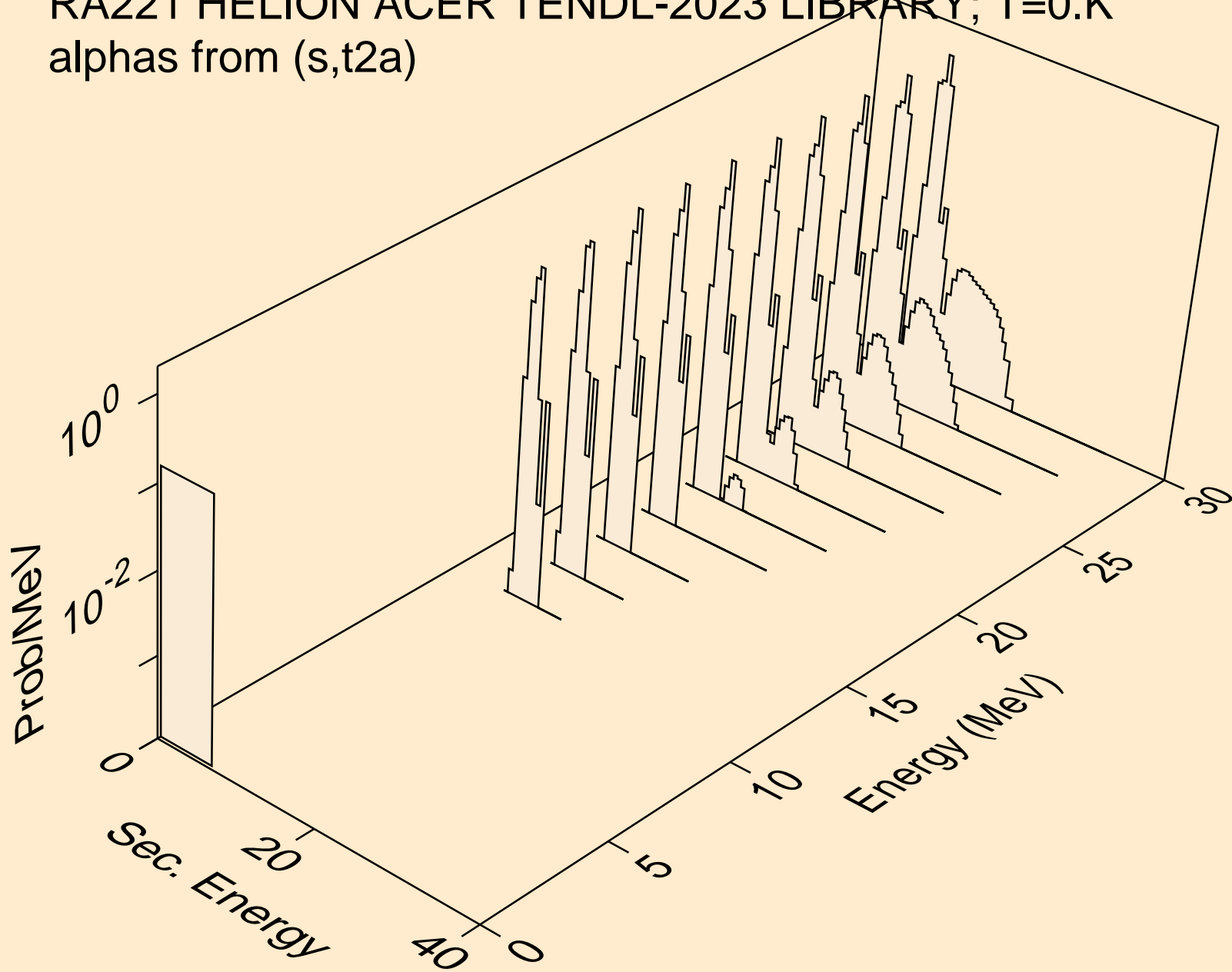


RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)





RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,t2a)



RA221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

