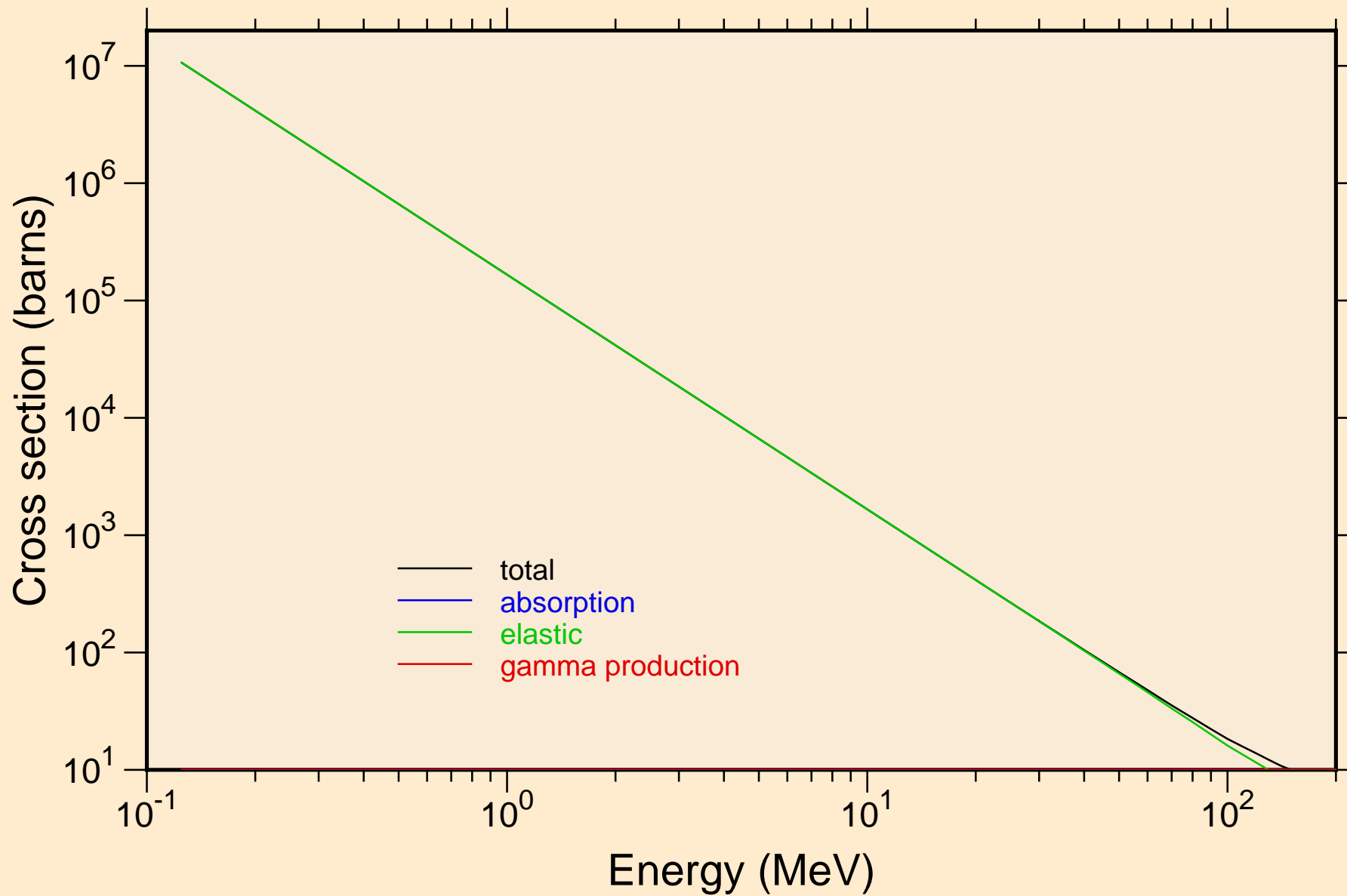
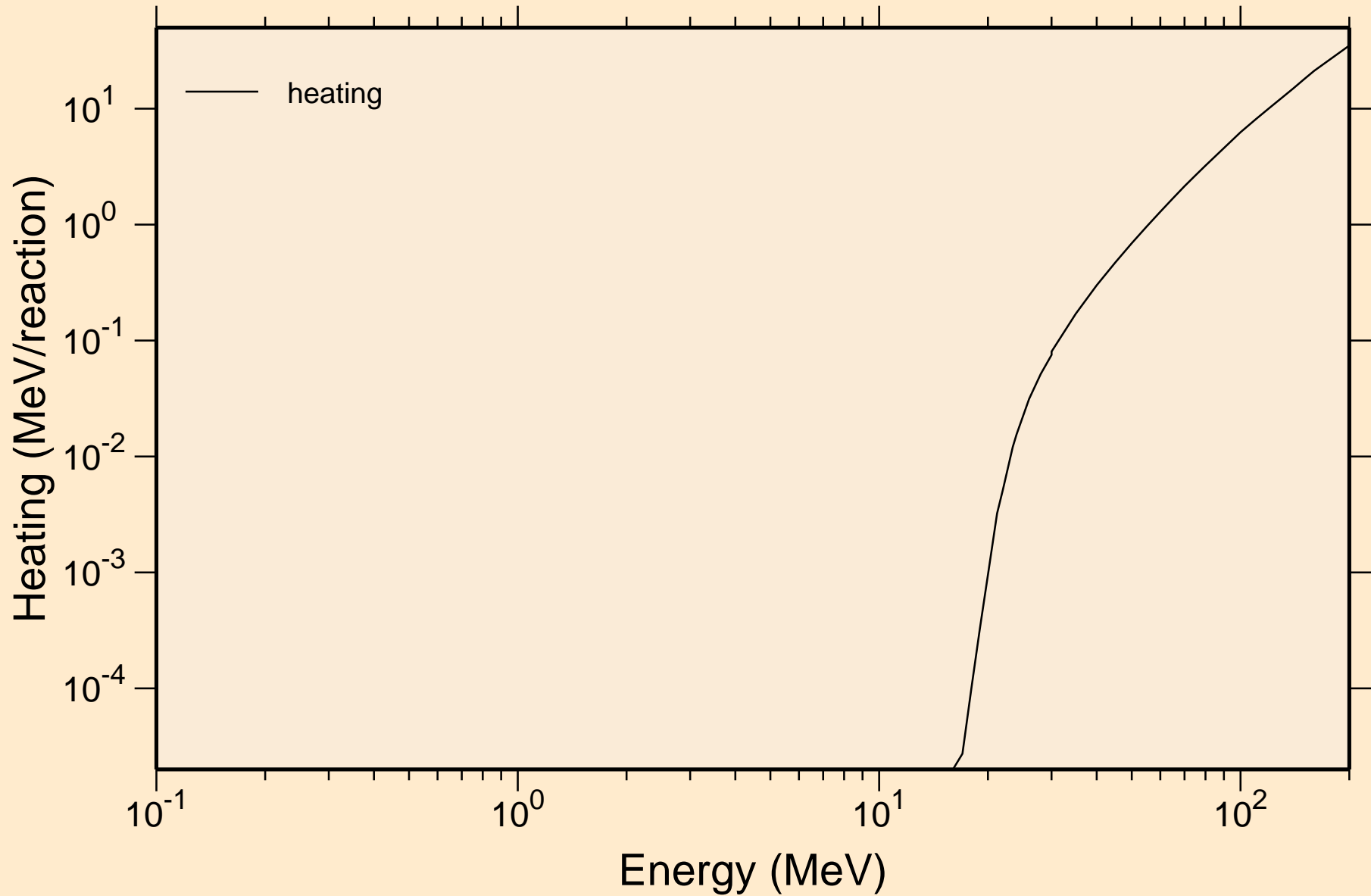


TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



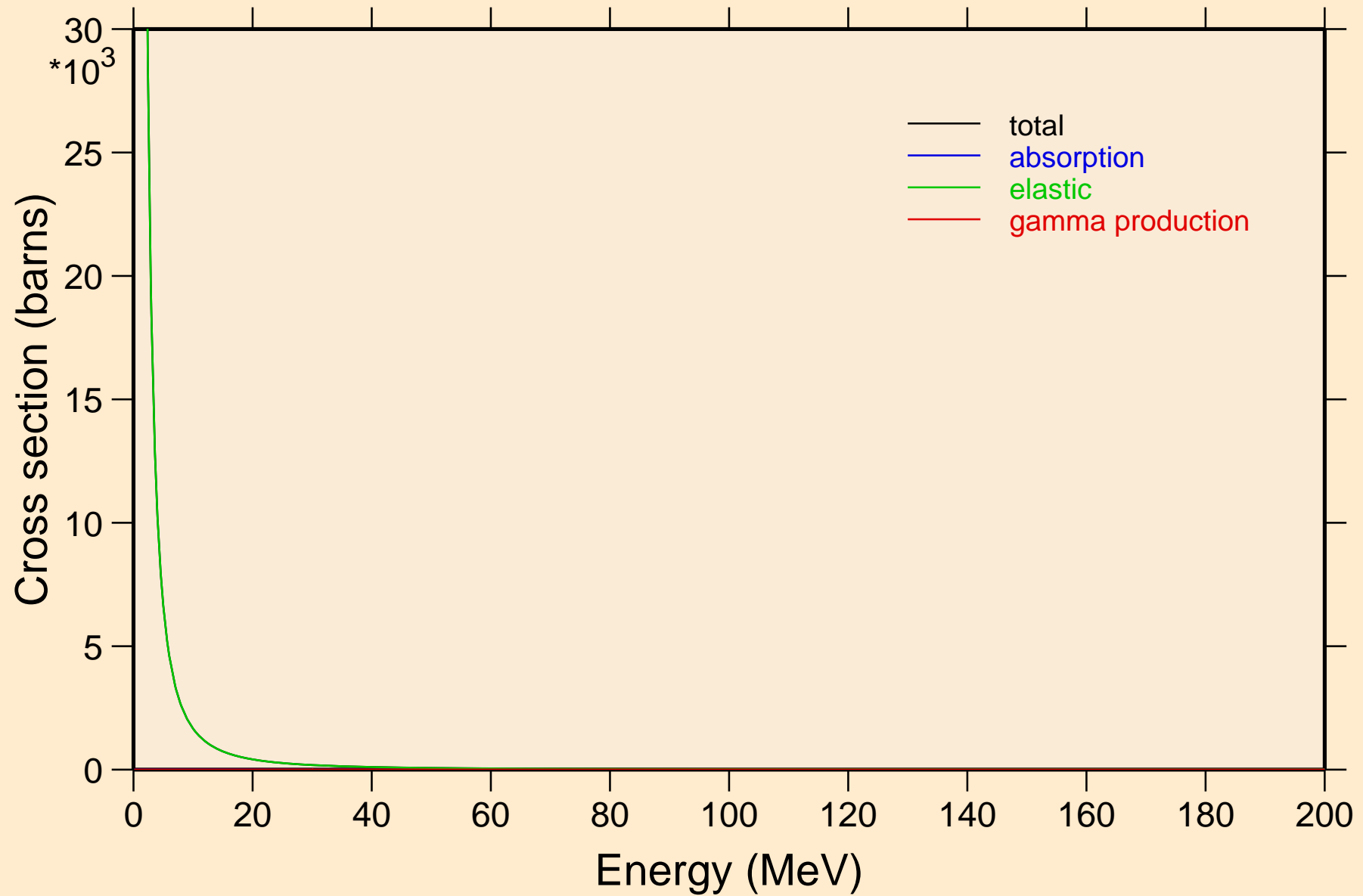
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



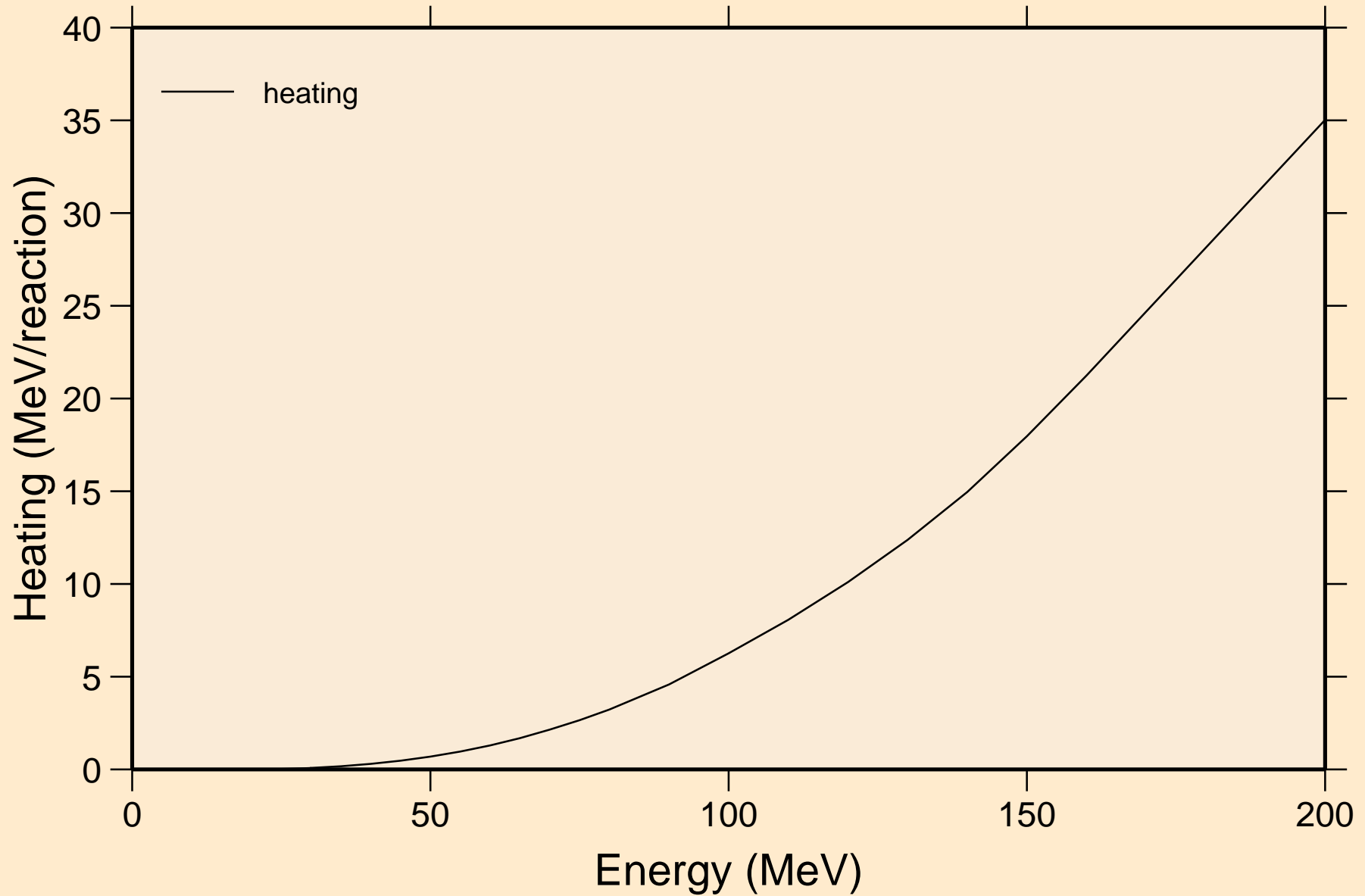
# TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

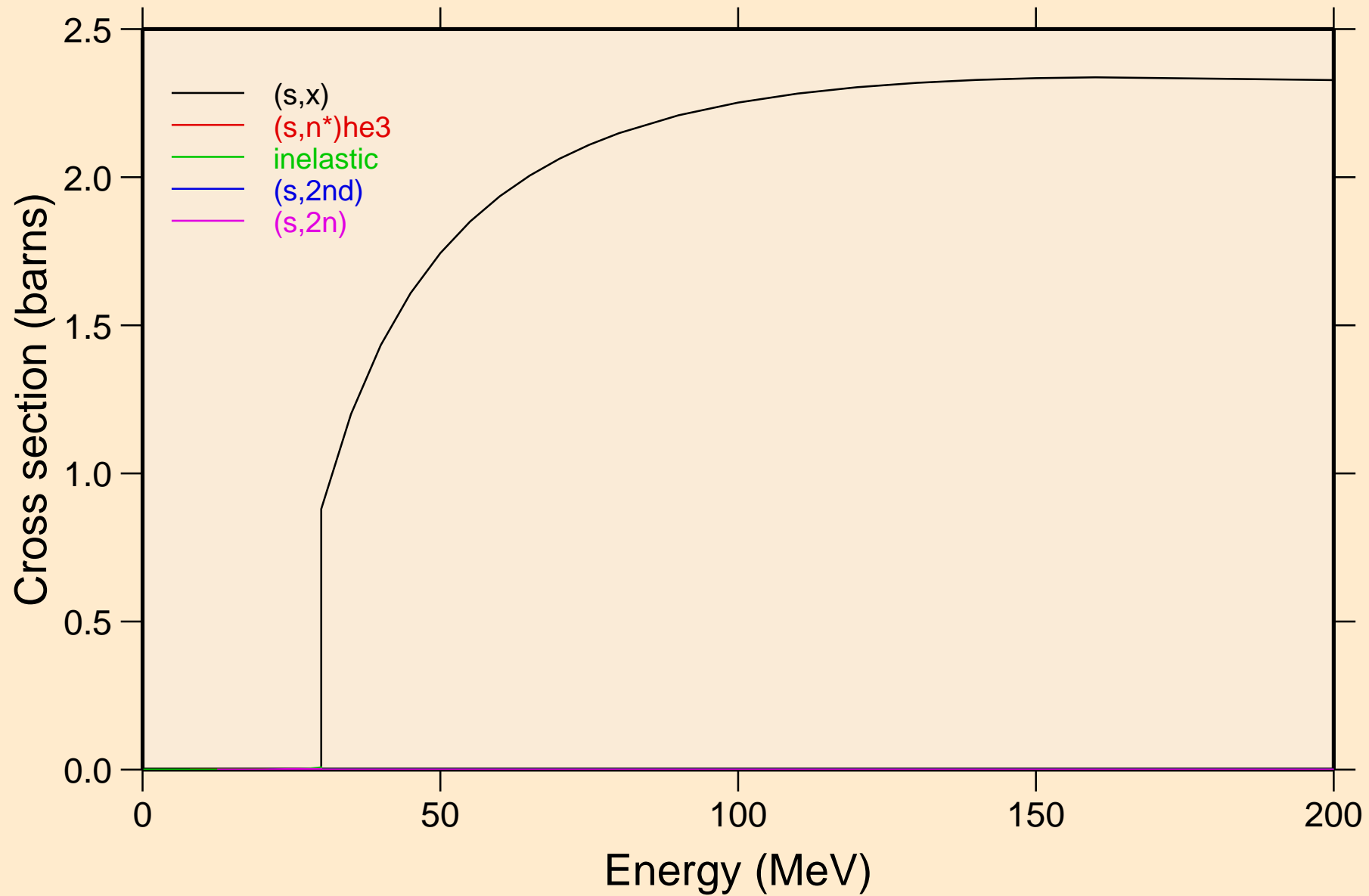


TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K

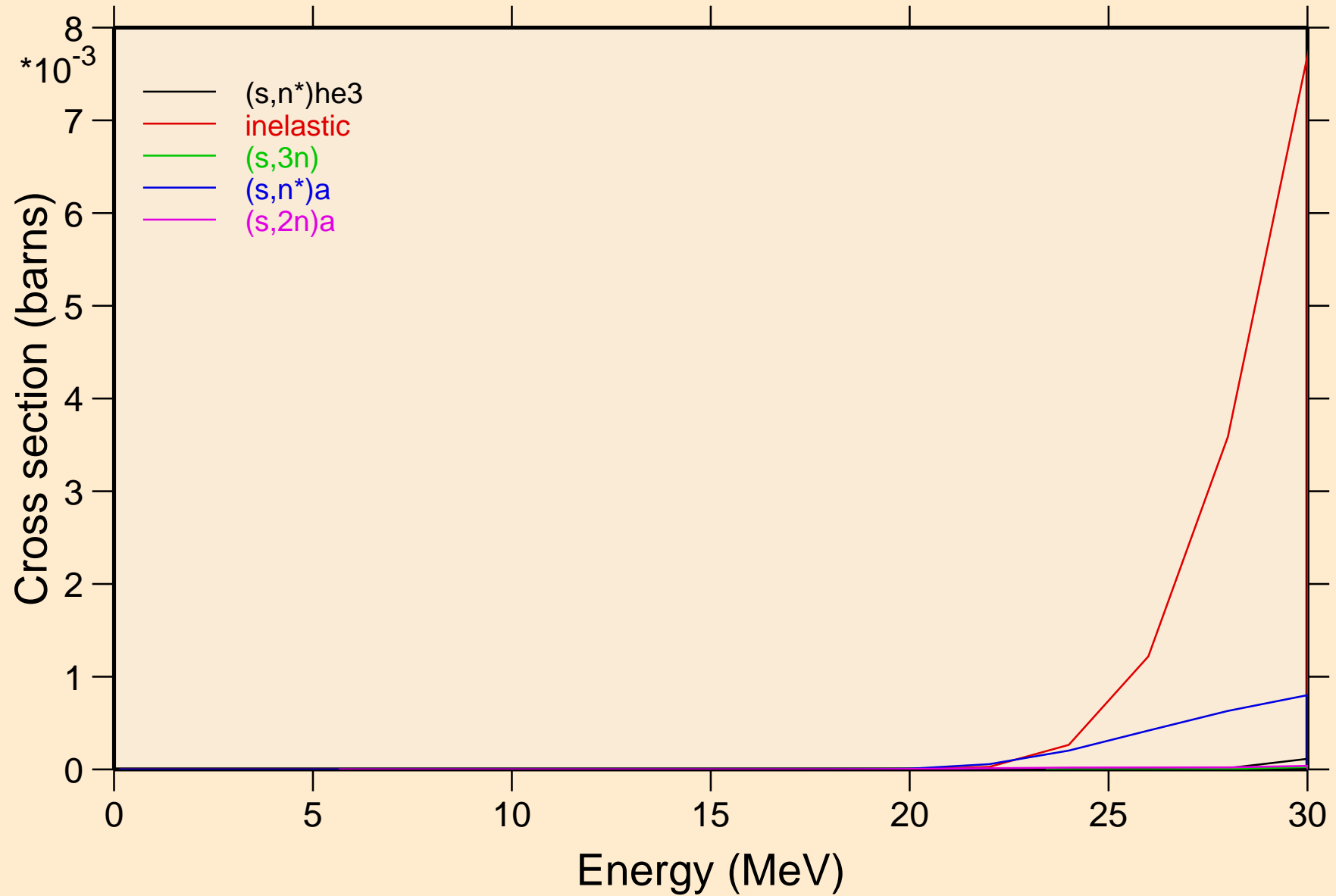
Heating



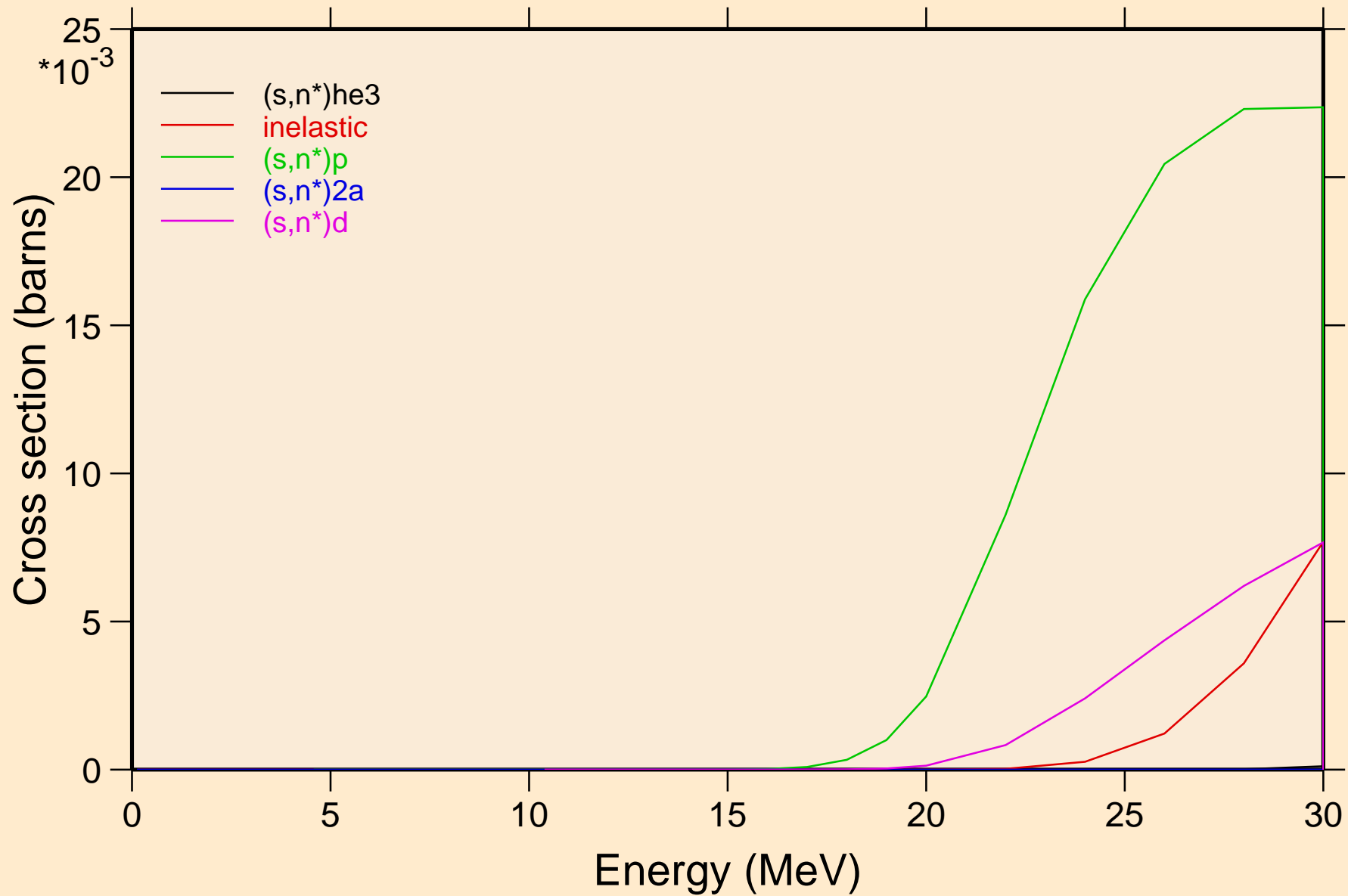
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



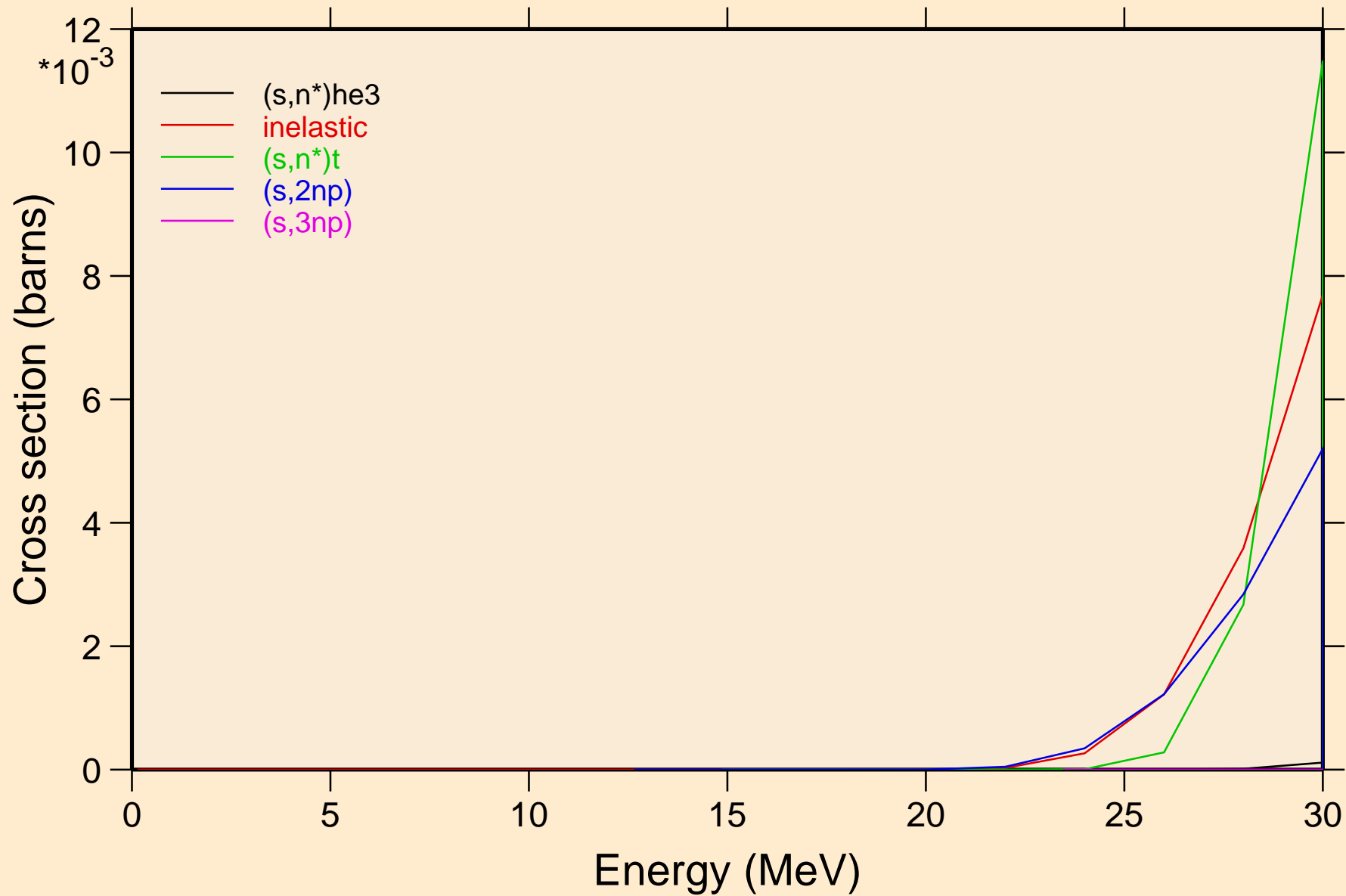
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

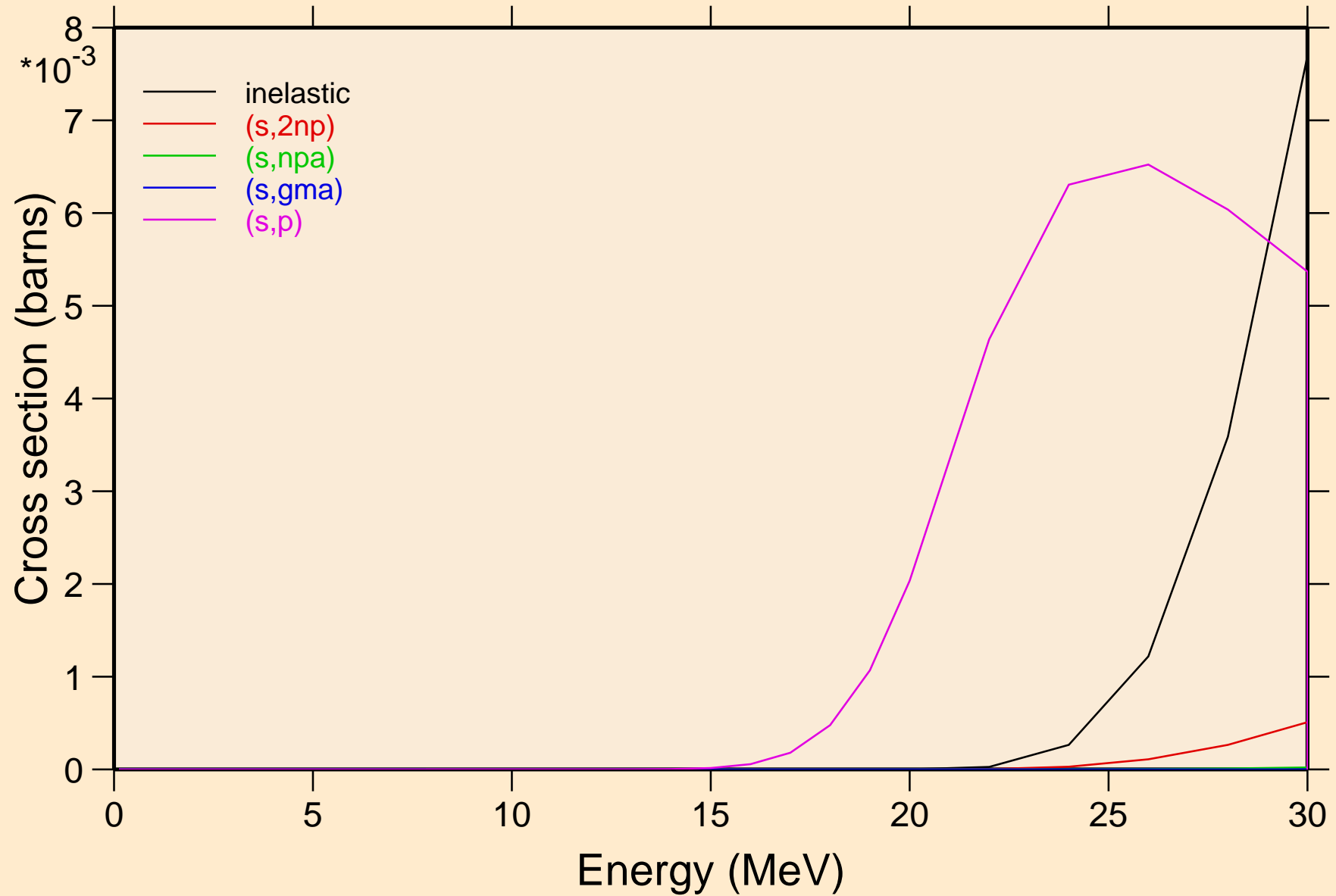


TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

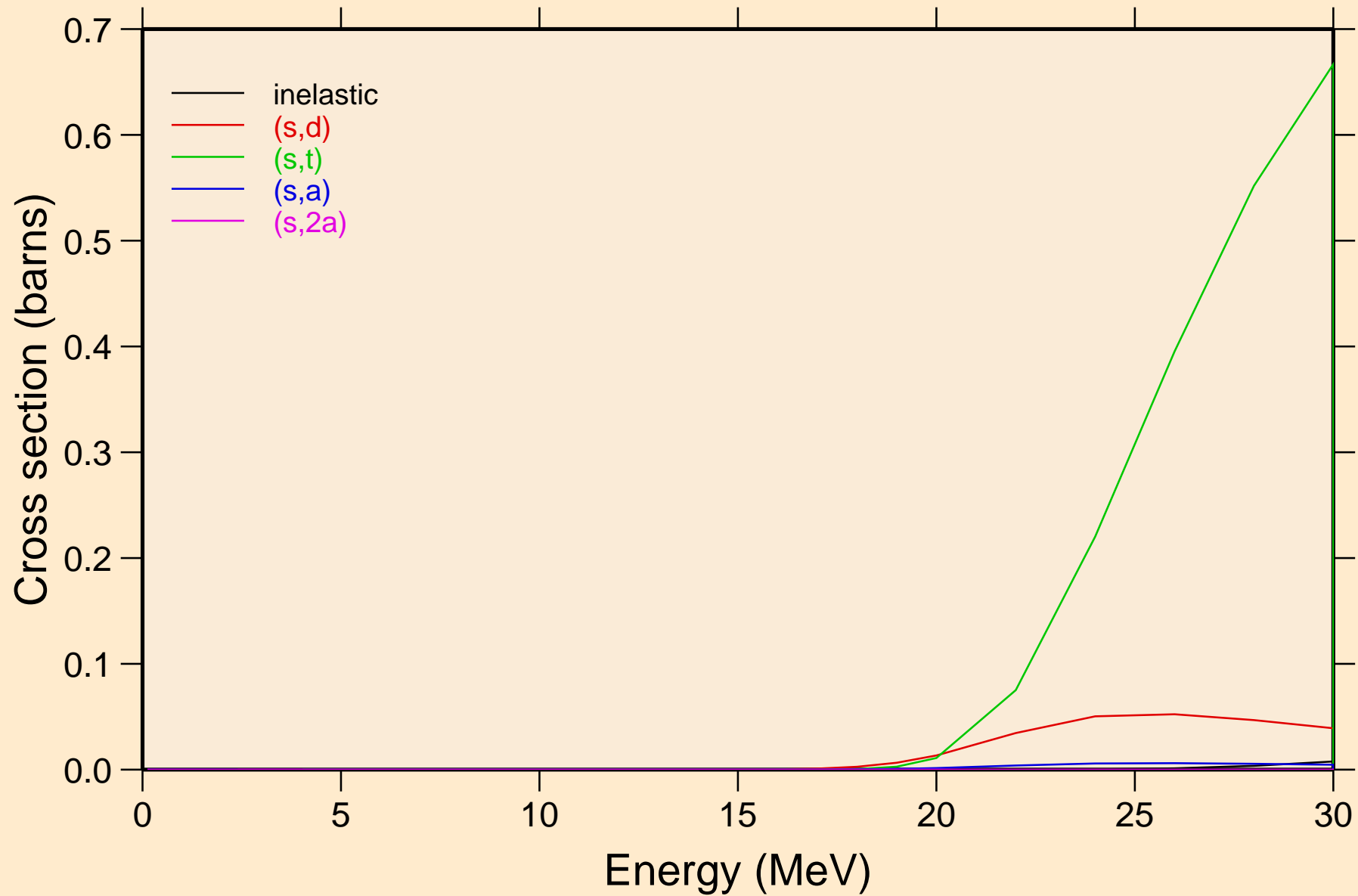




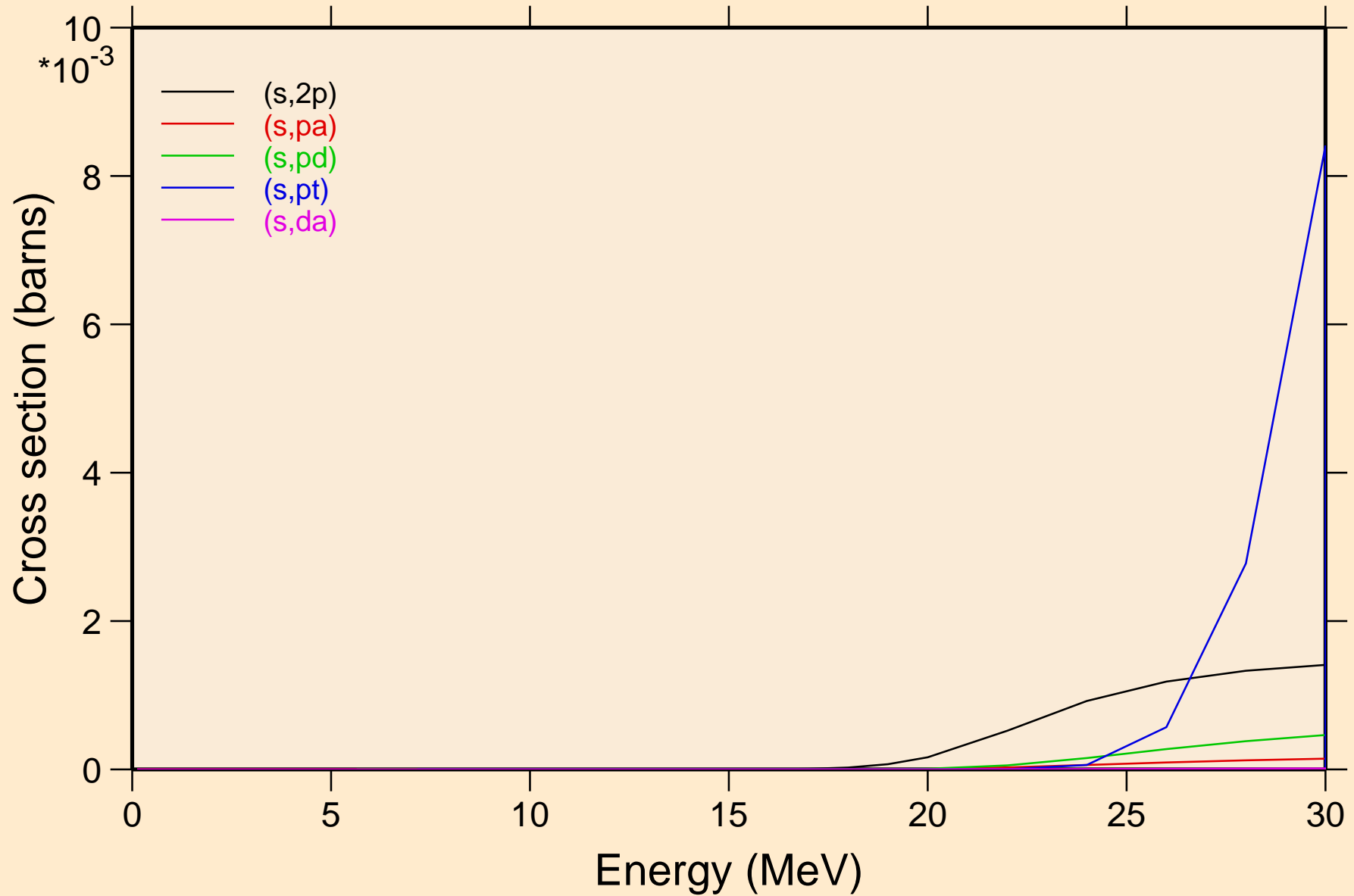
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Threshold reactions



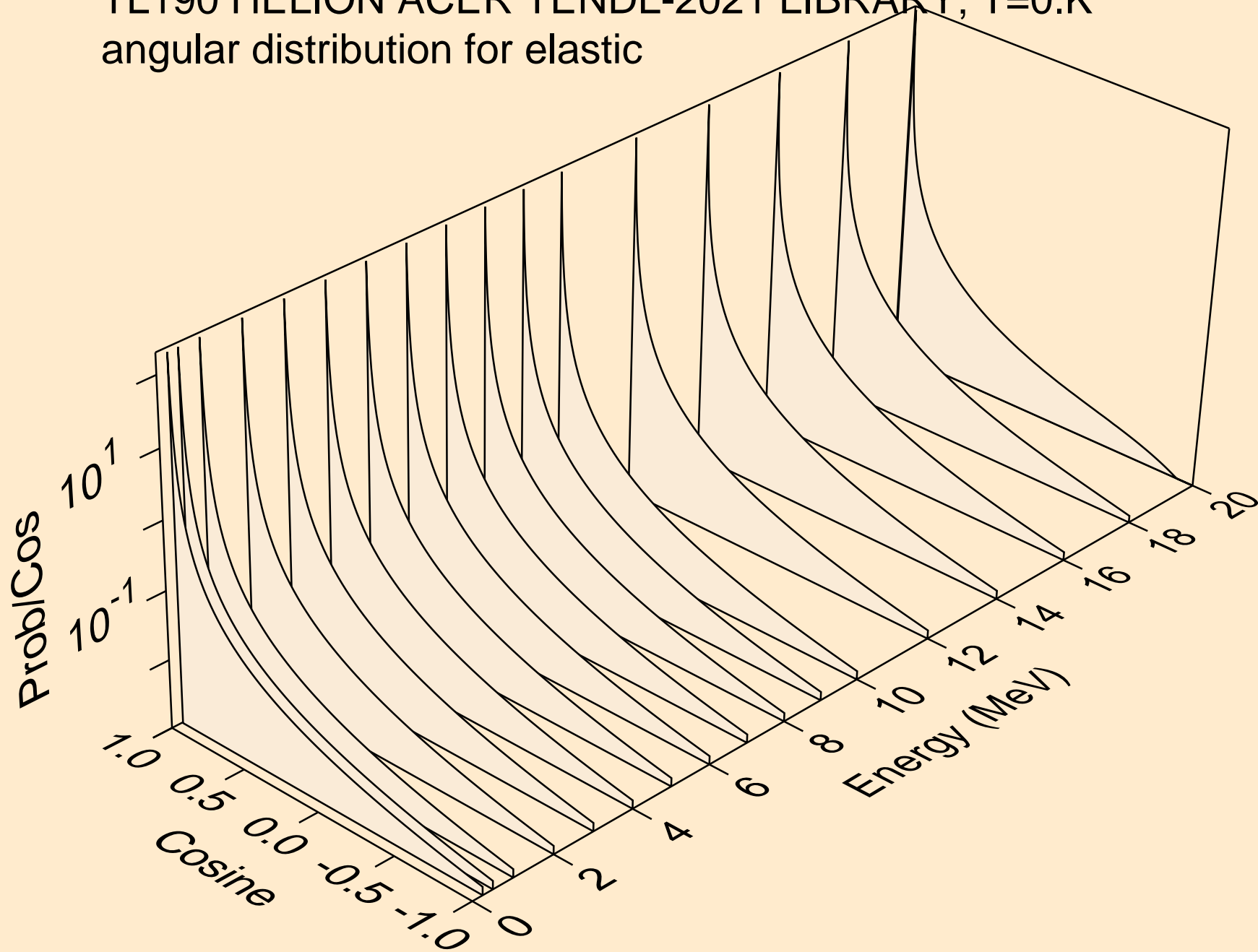
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



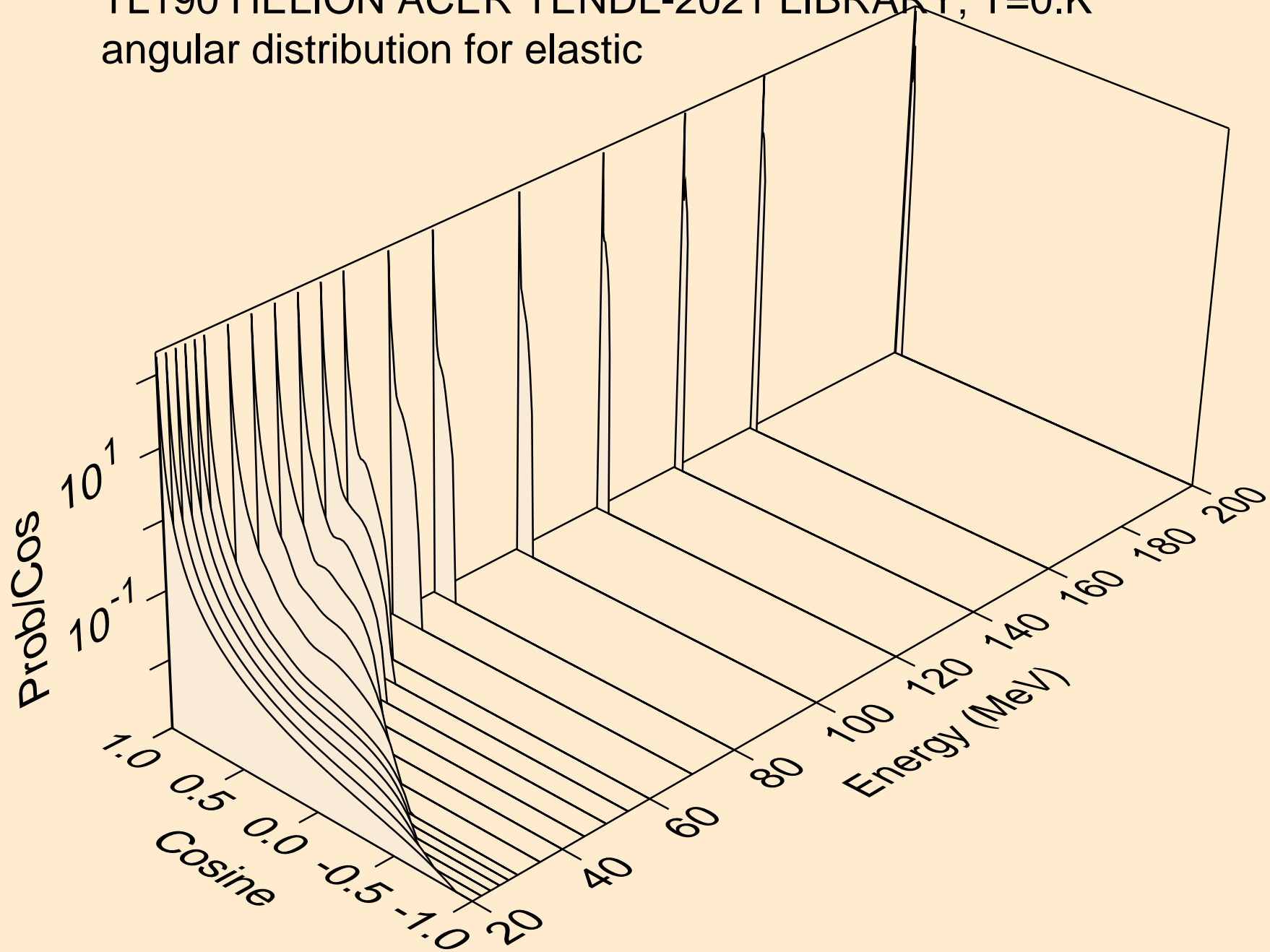
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



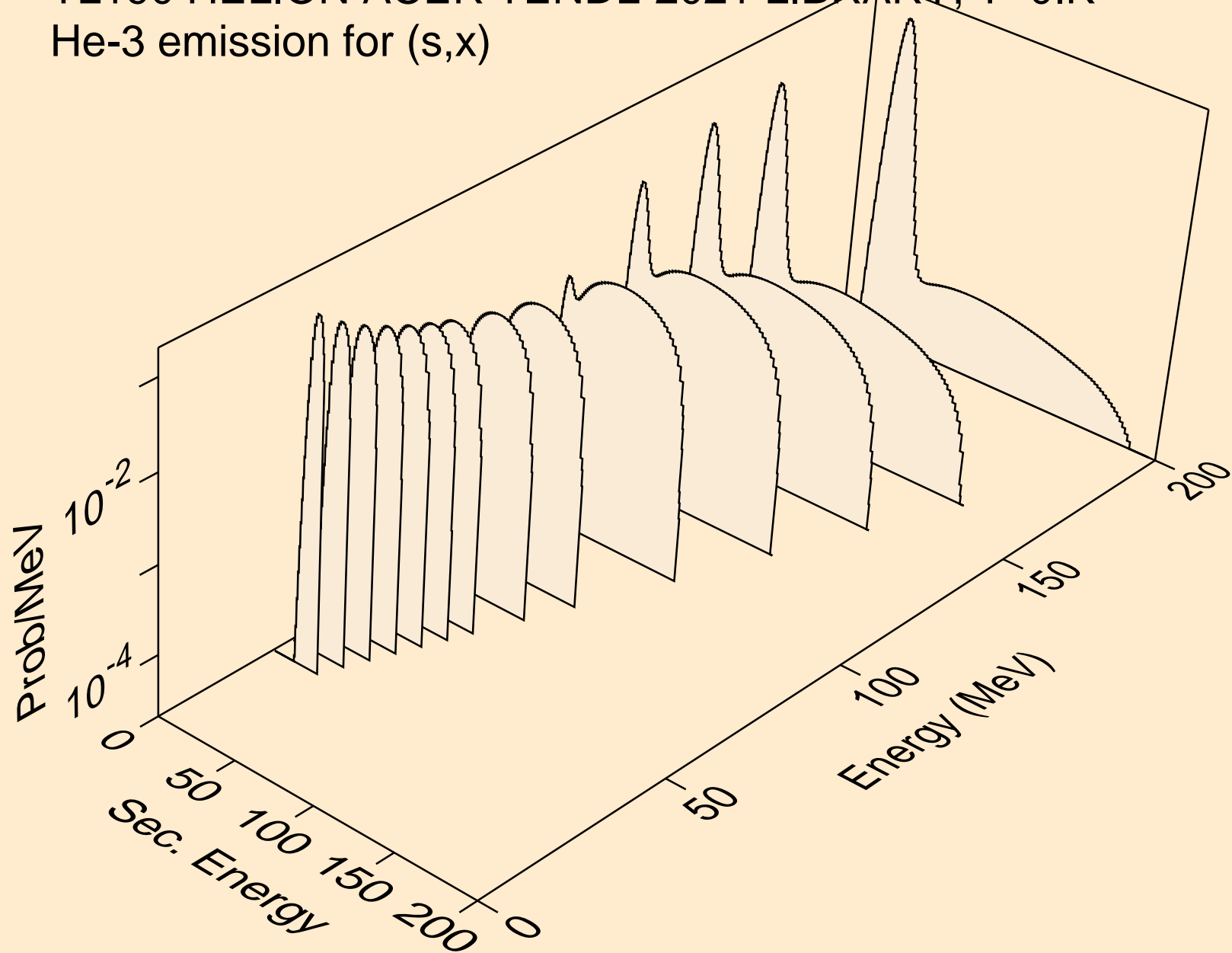
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



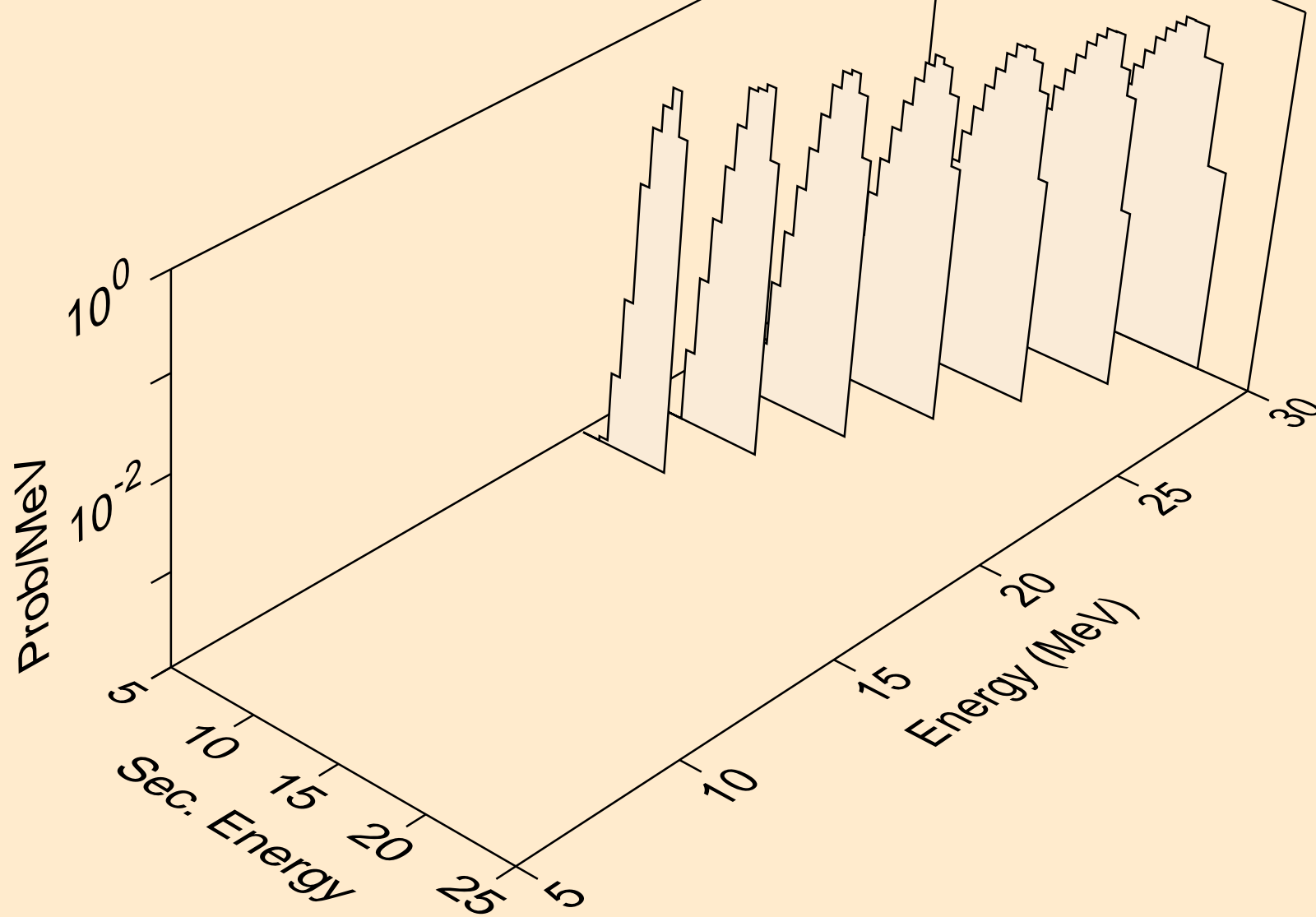
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



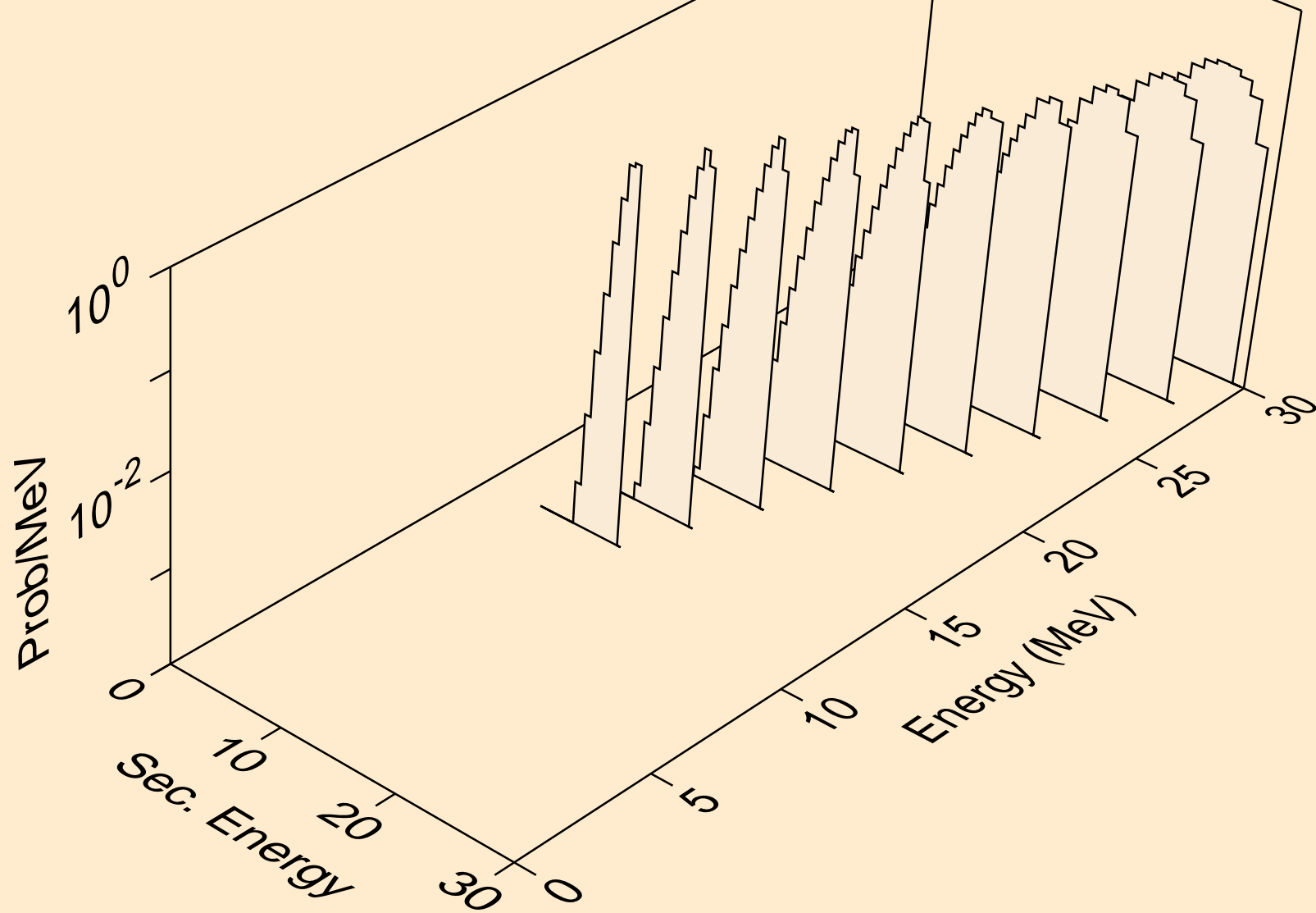
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

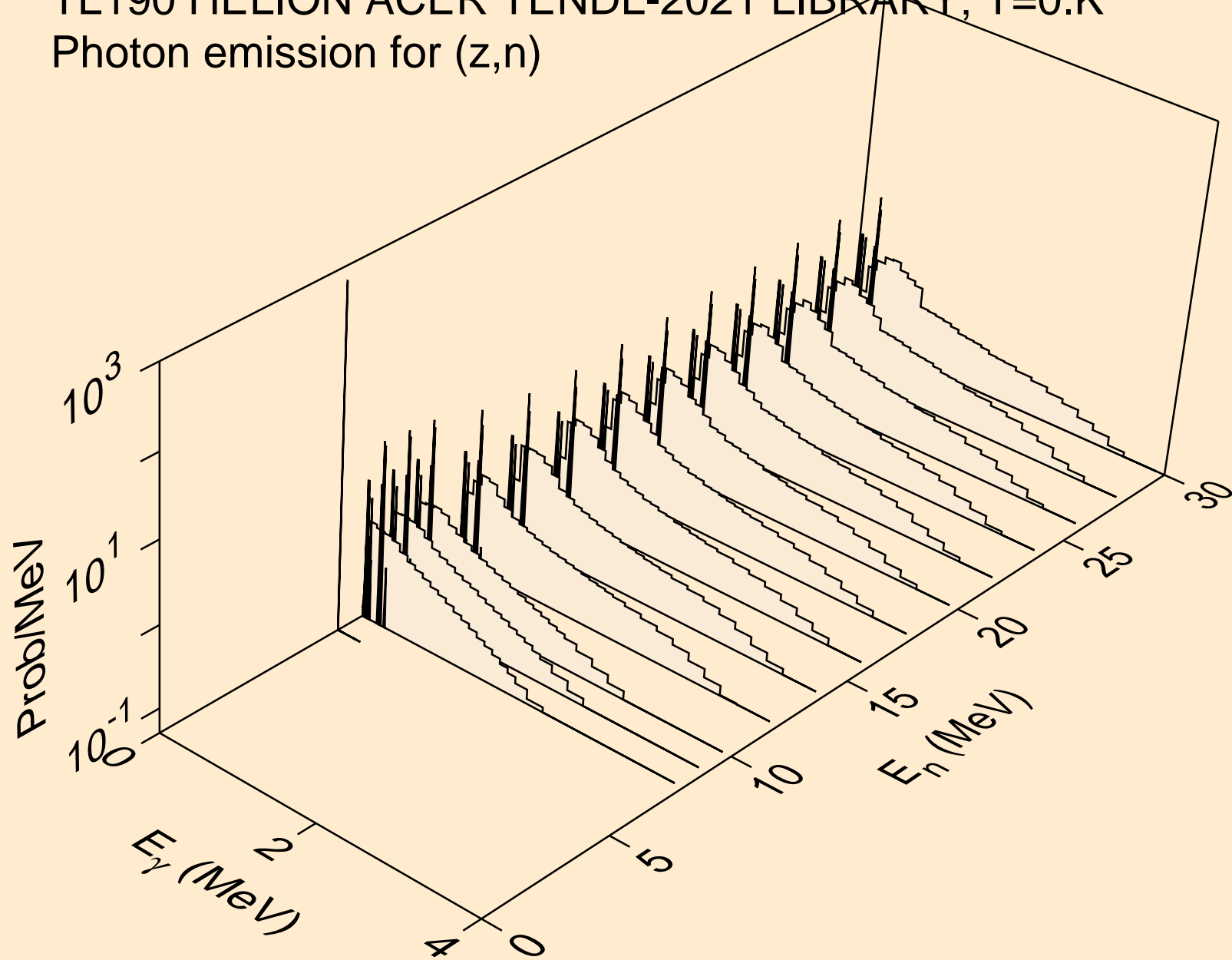


TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

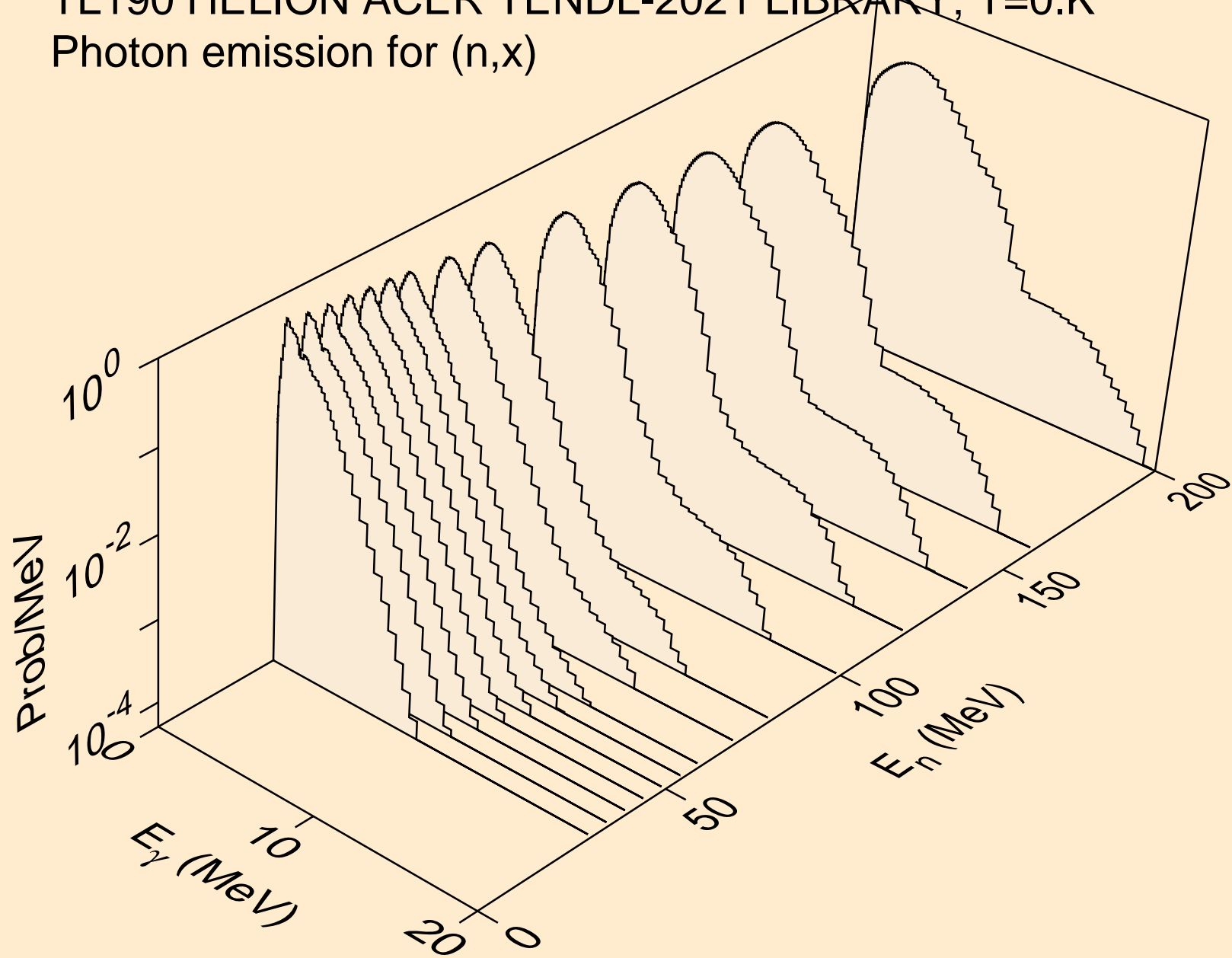




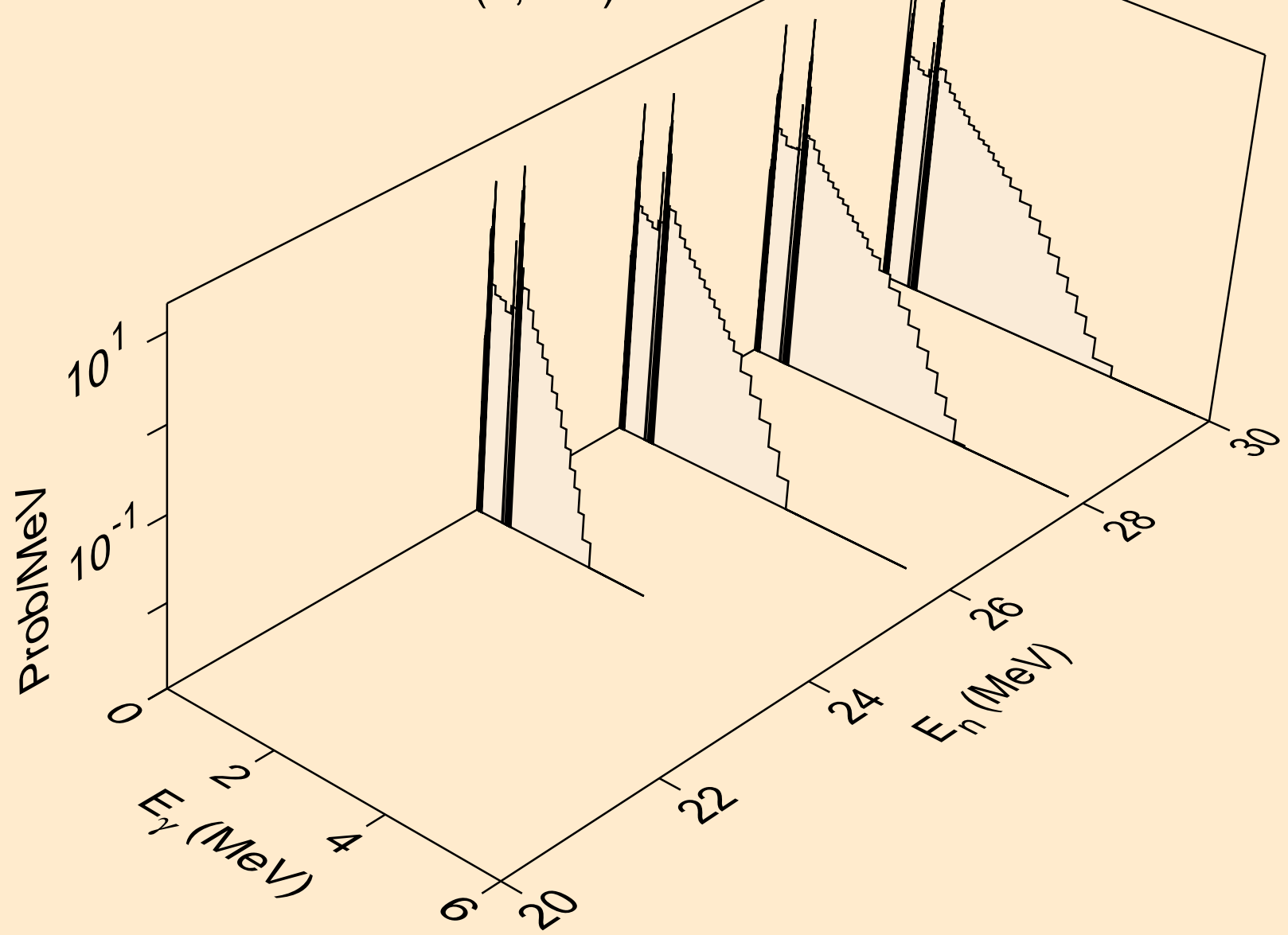
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



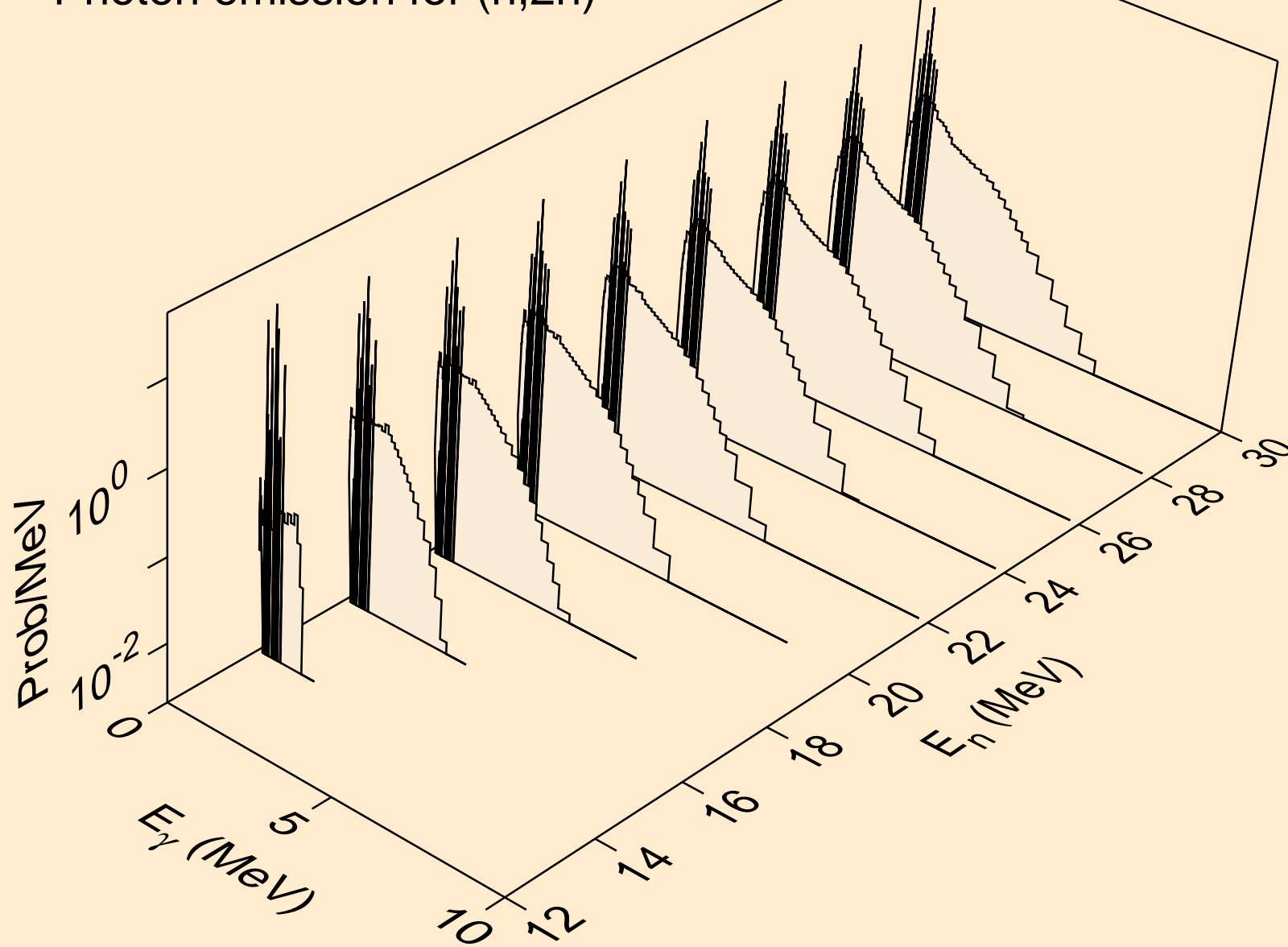
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



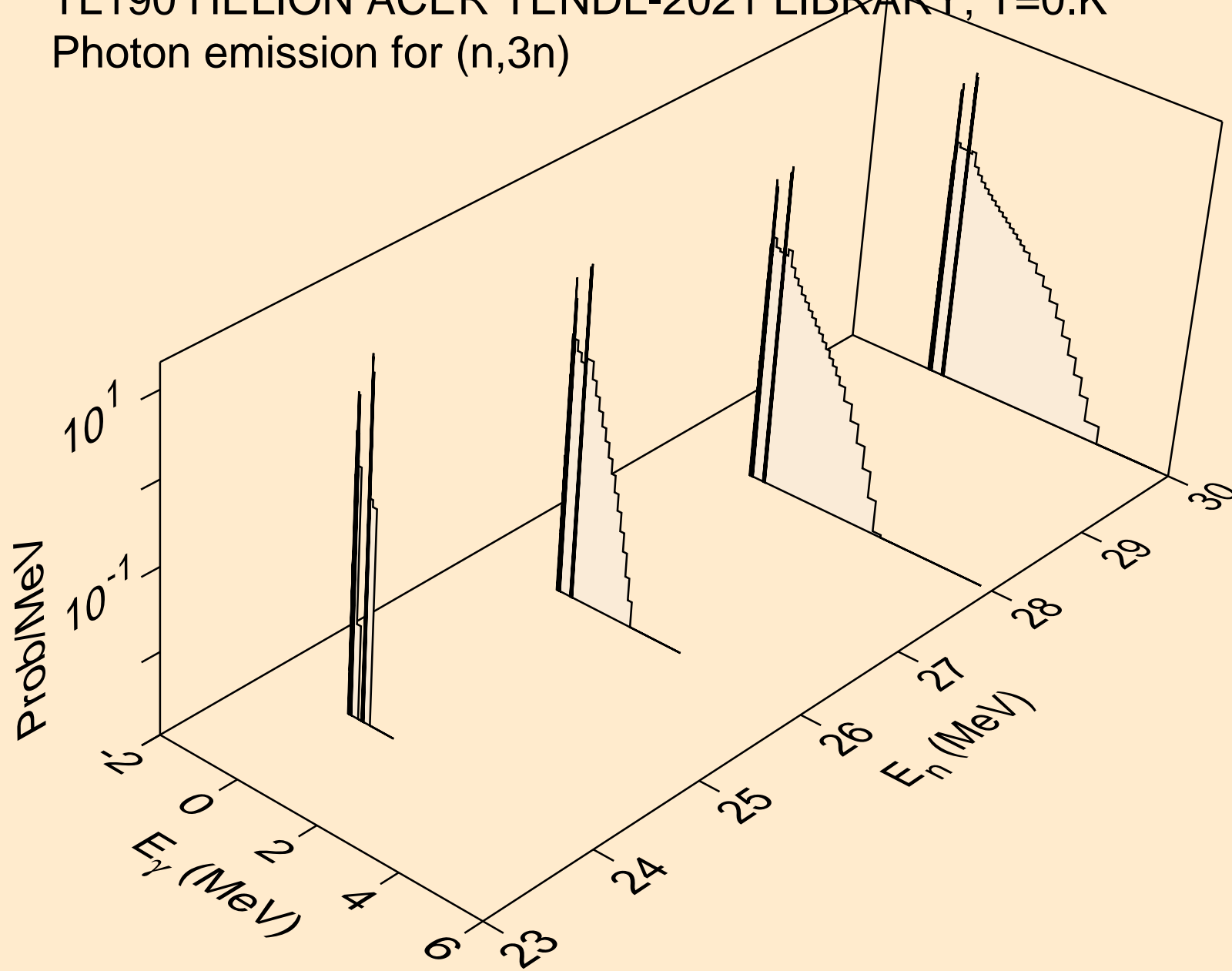
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



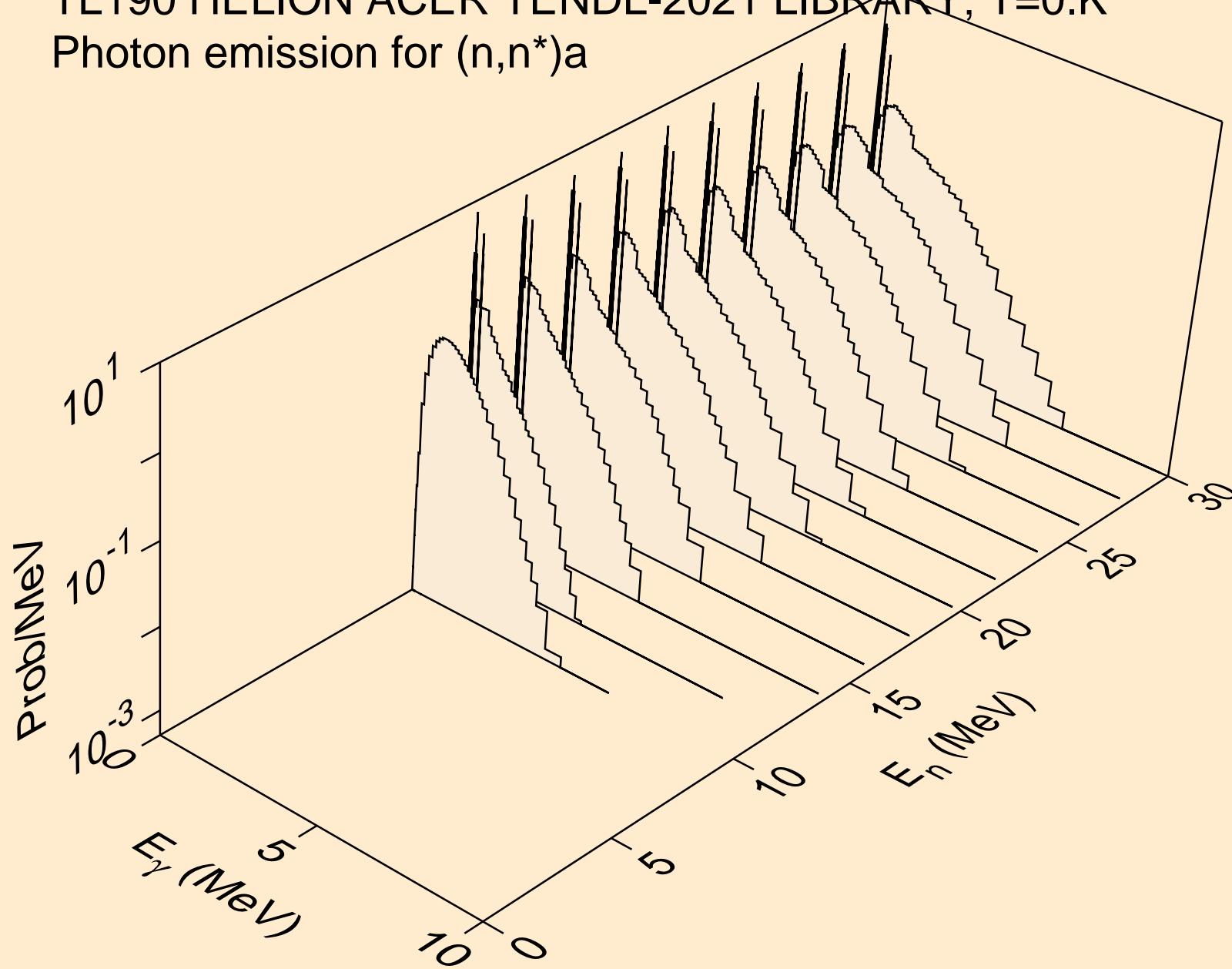
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



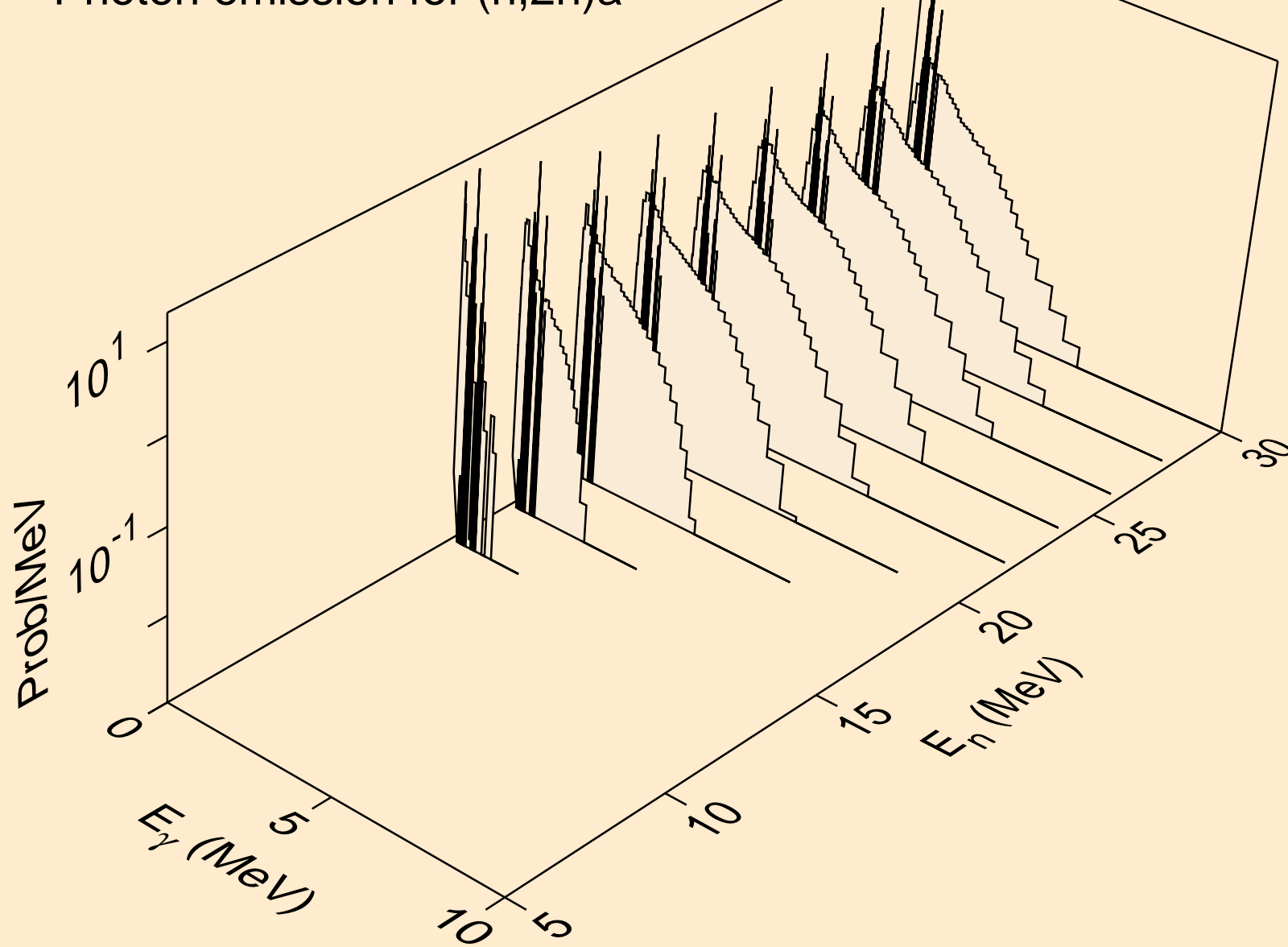
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



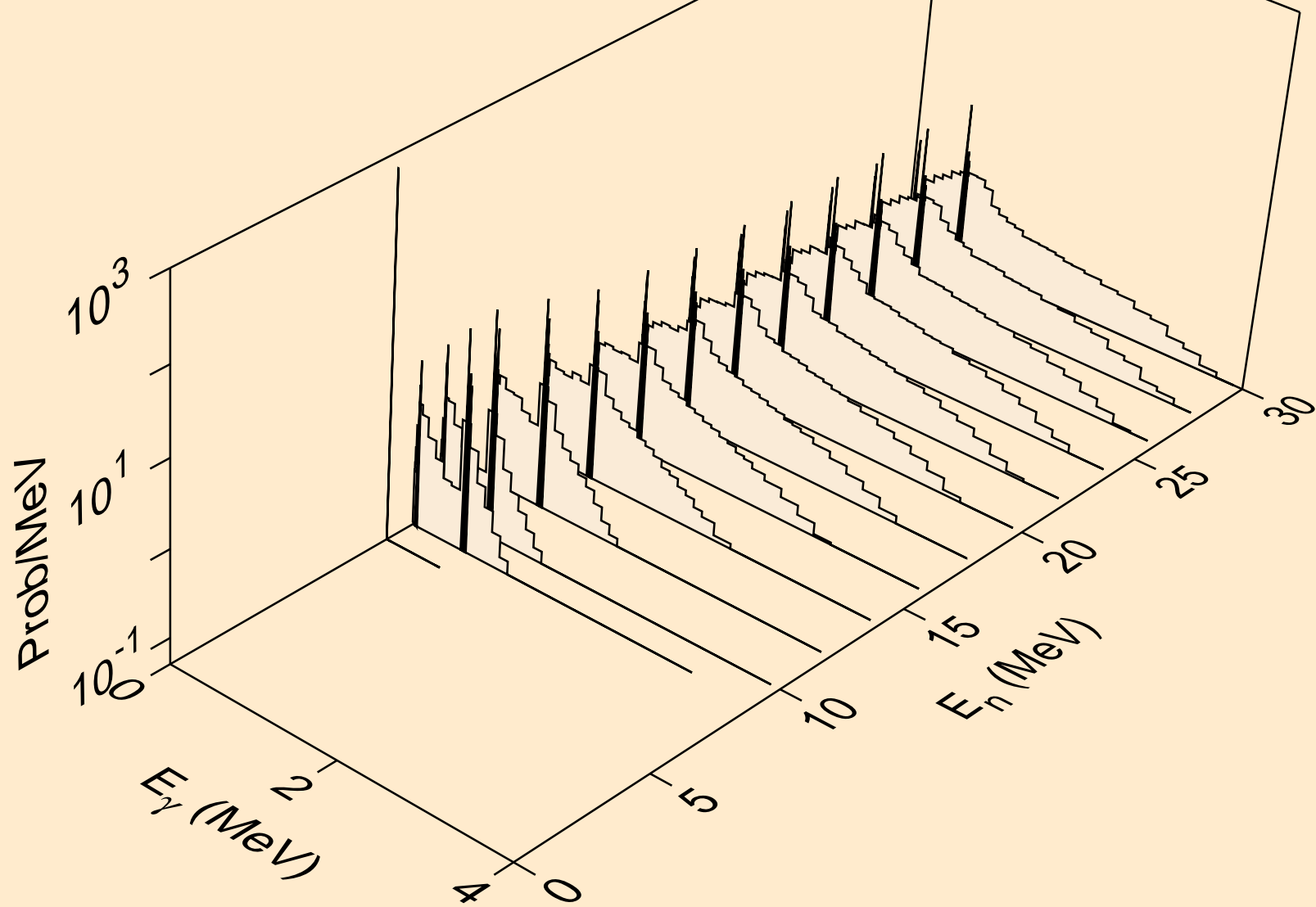
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

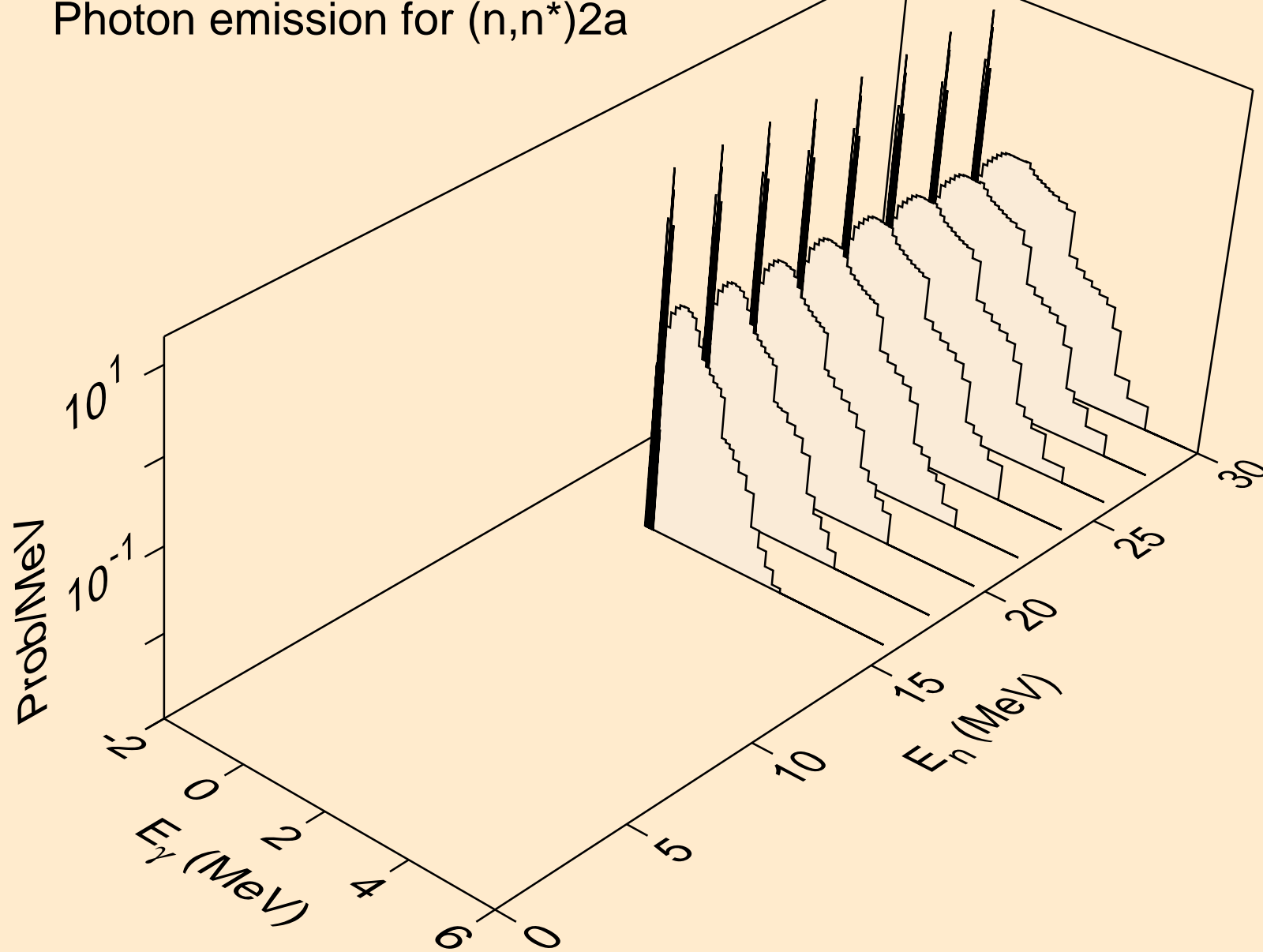


TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

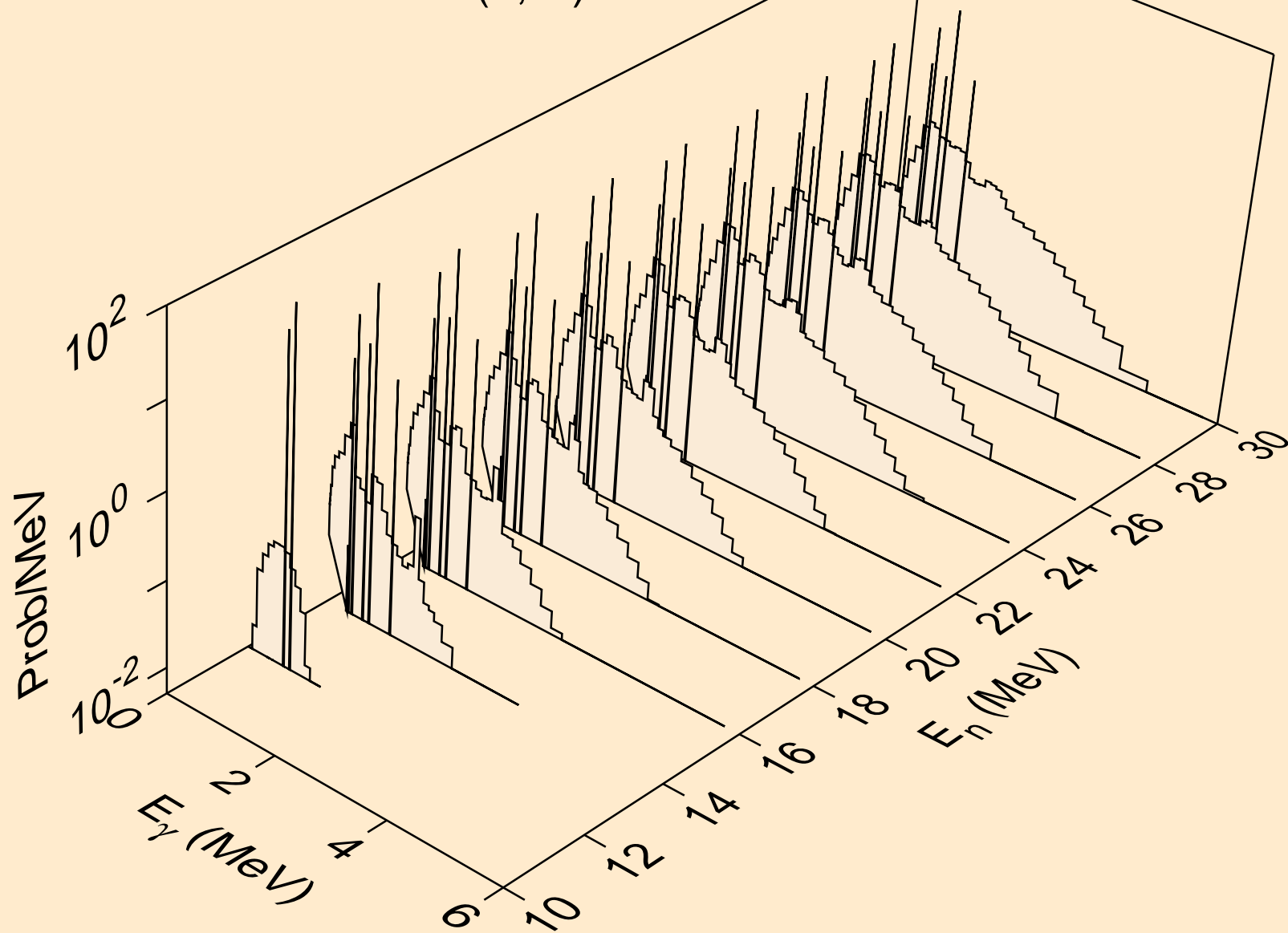




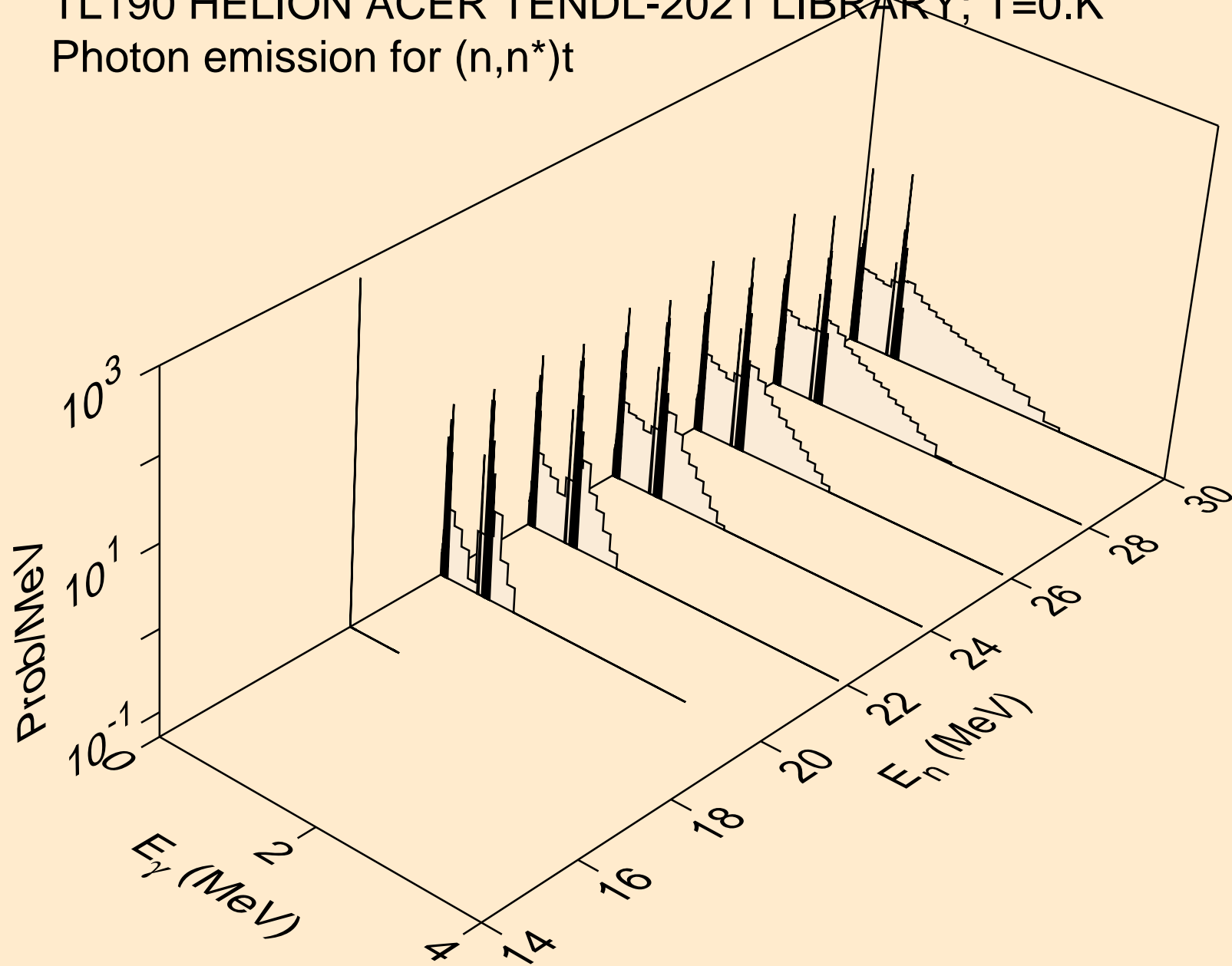
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



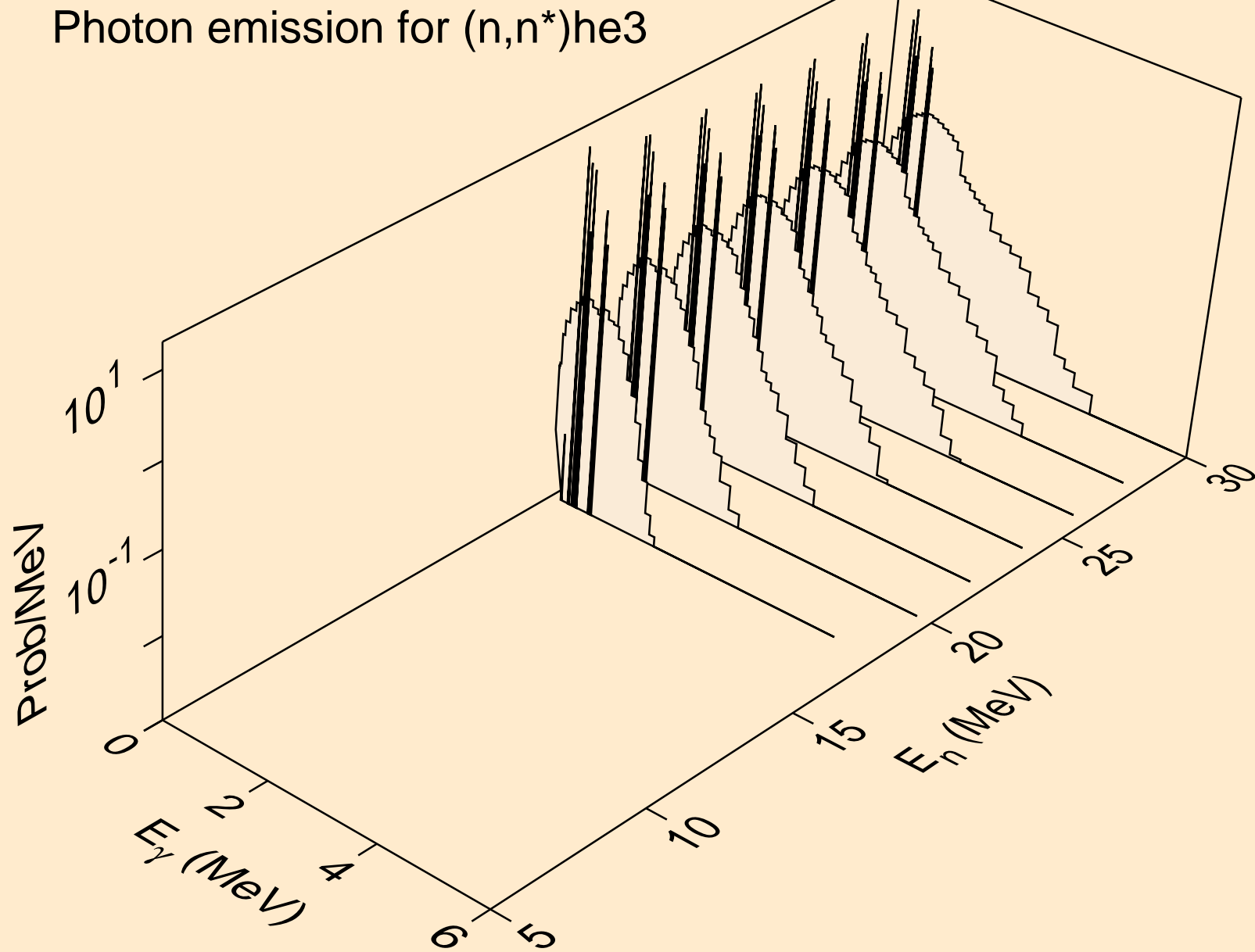
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



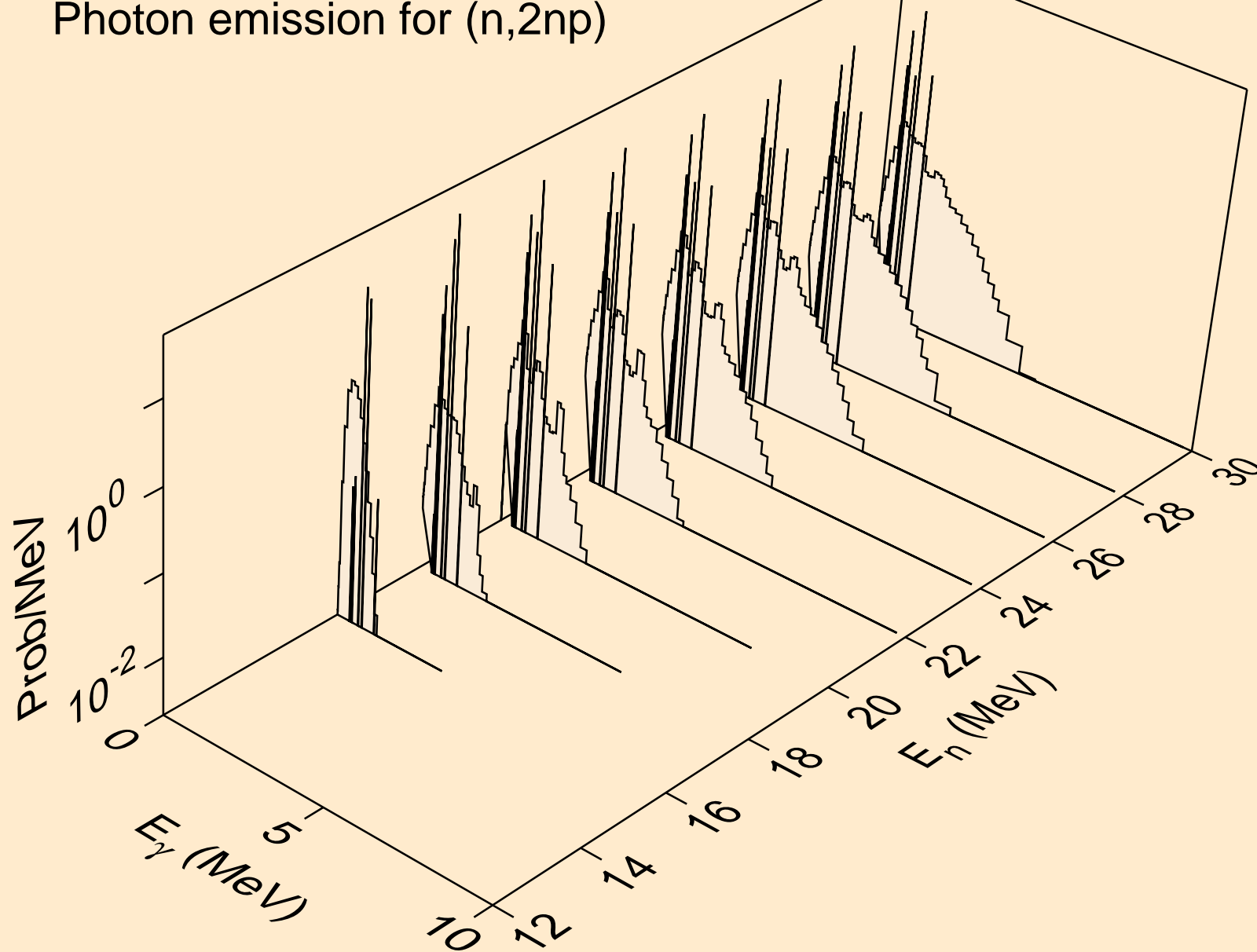
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



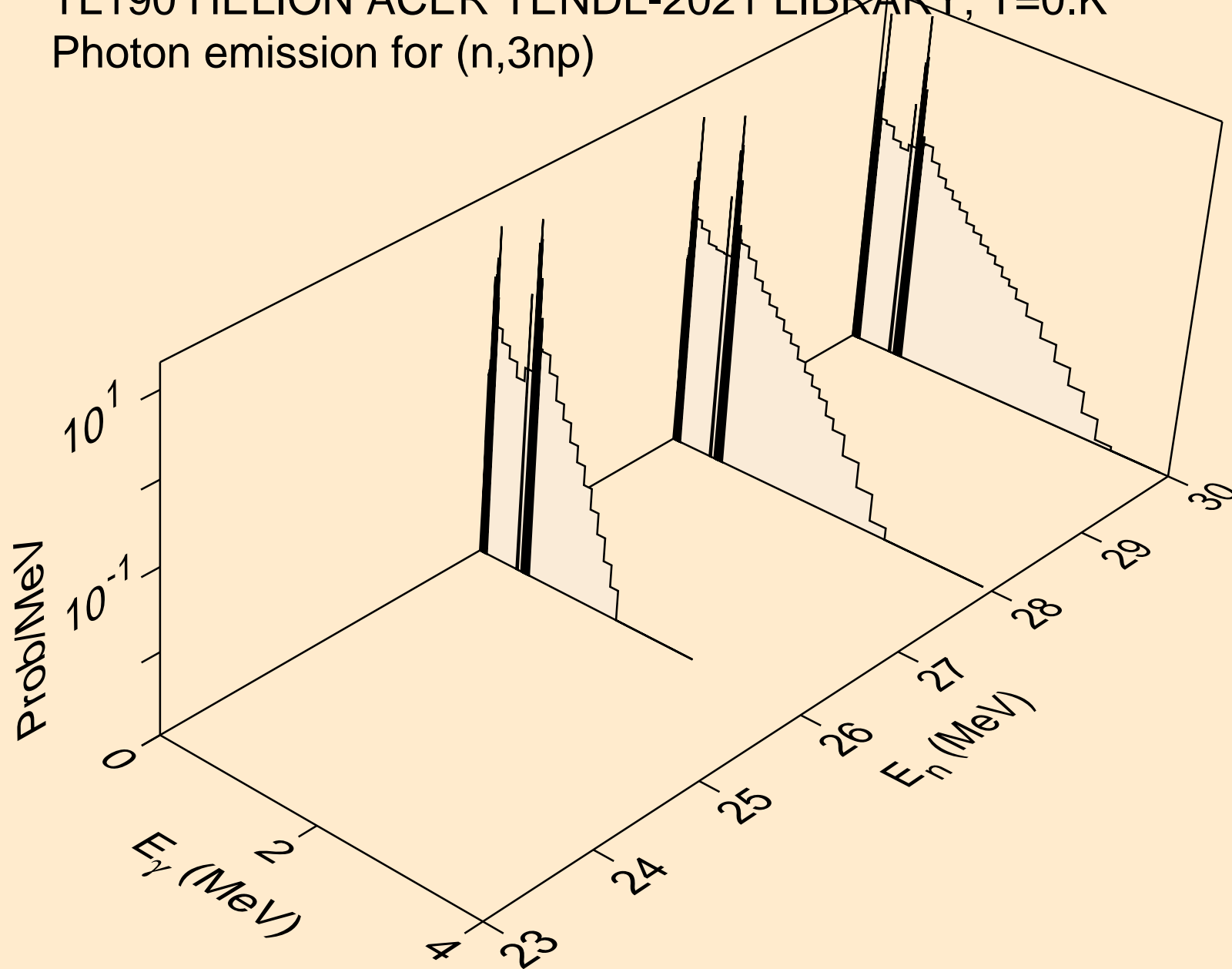
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



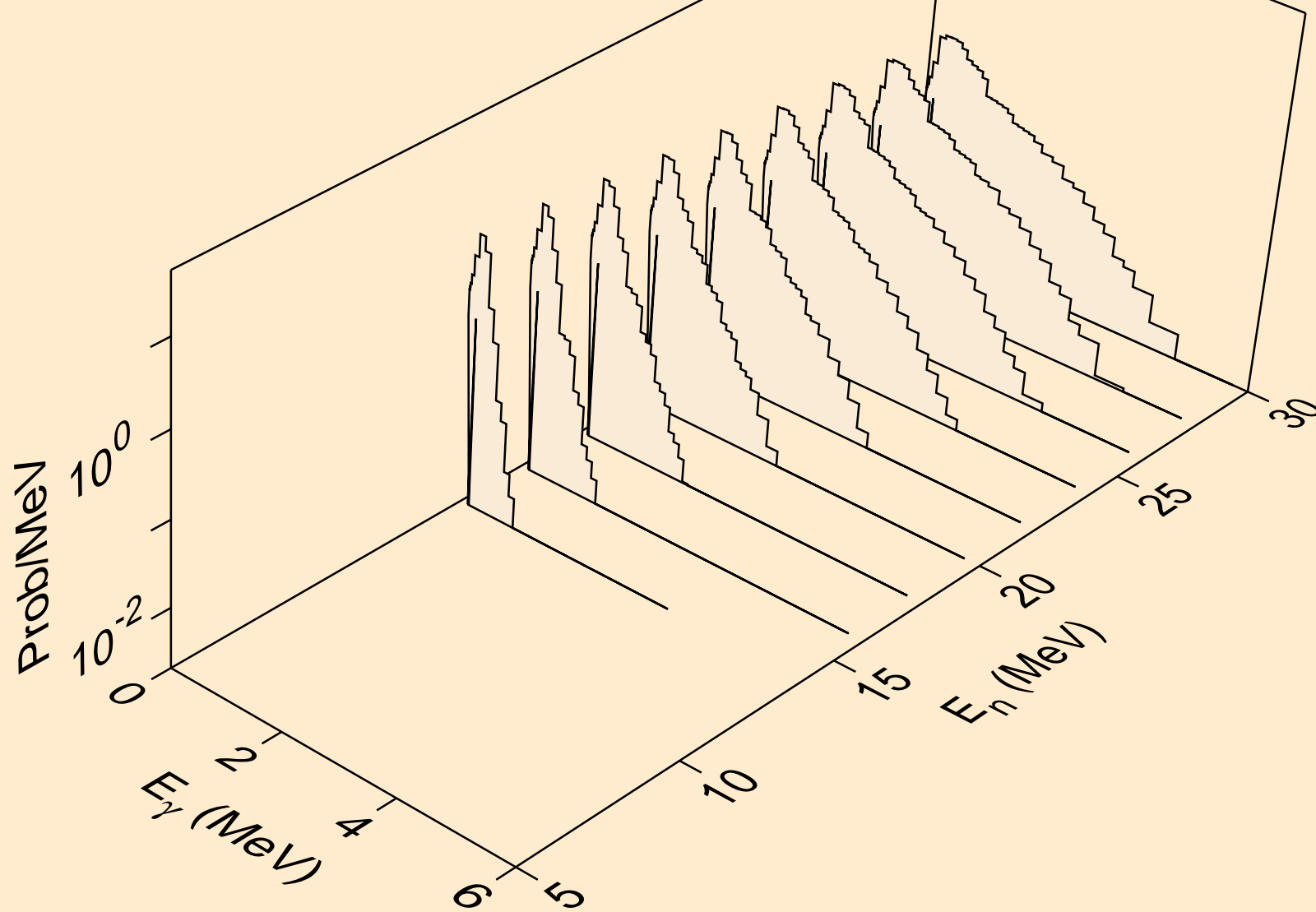
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



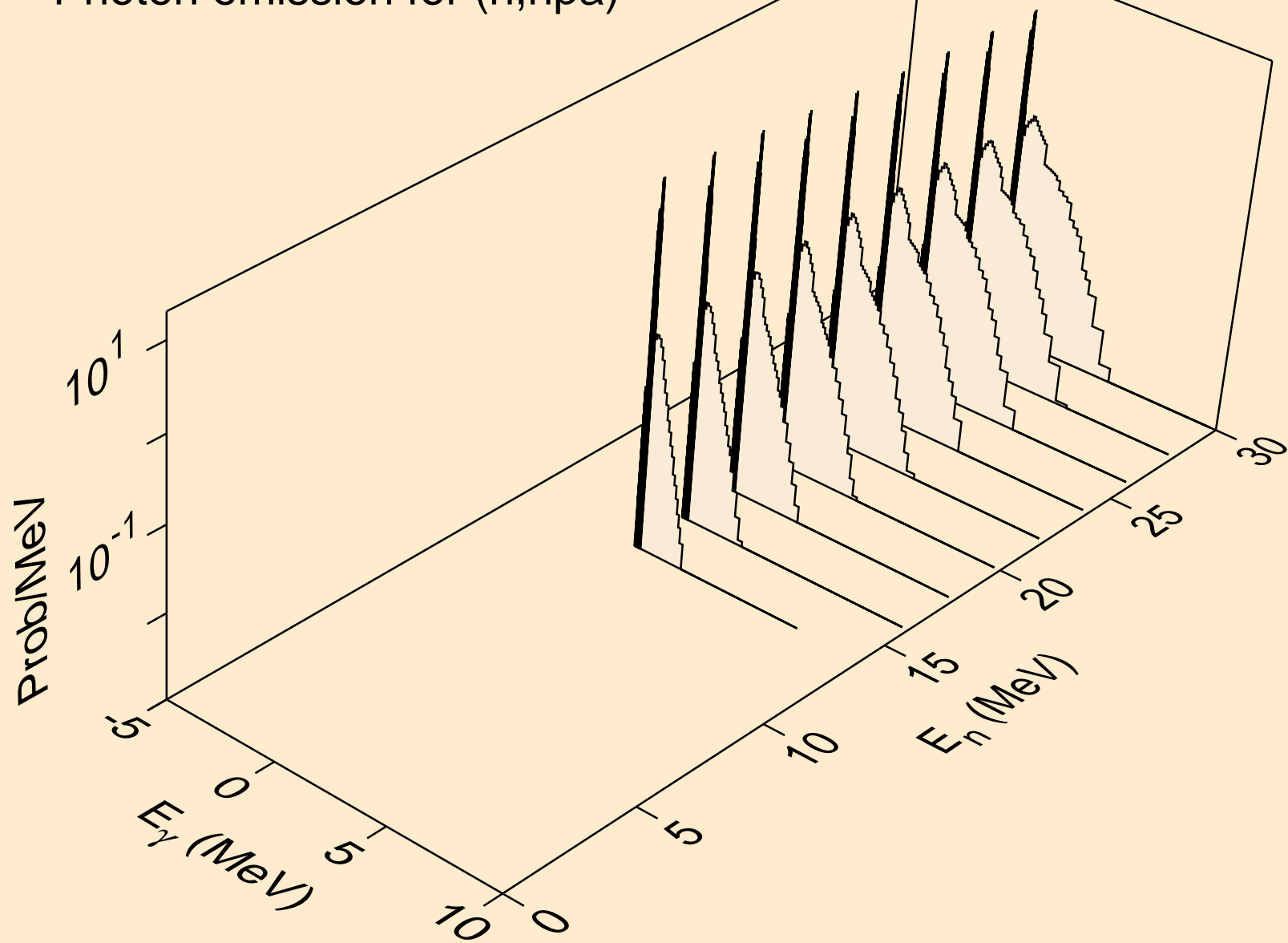
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

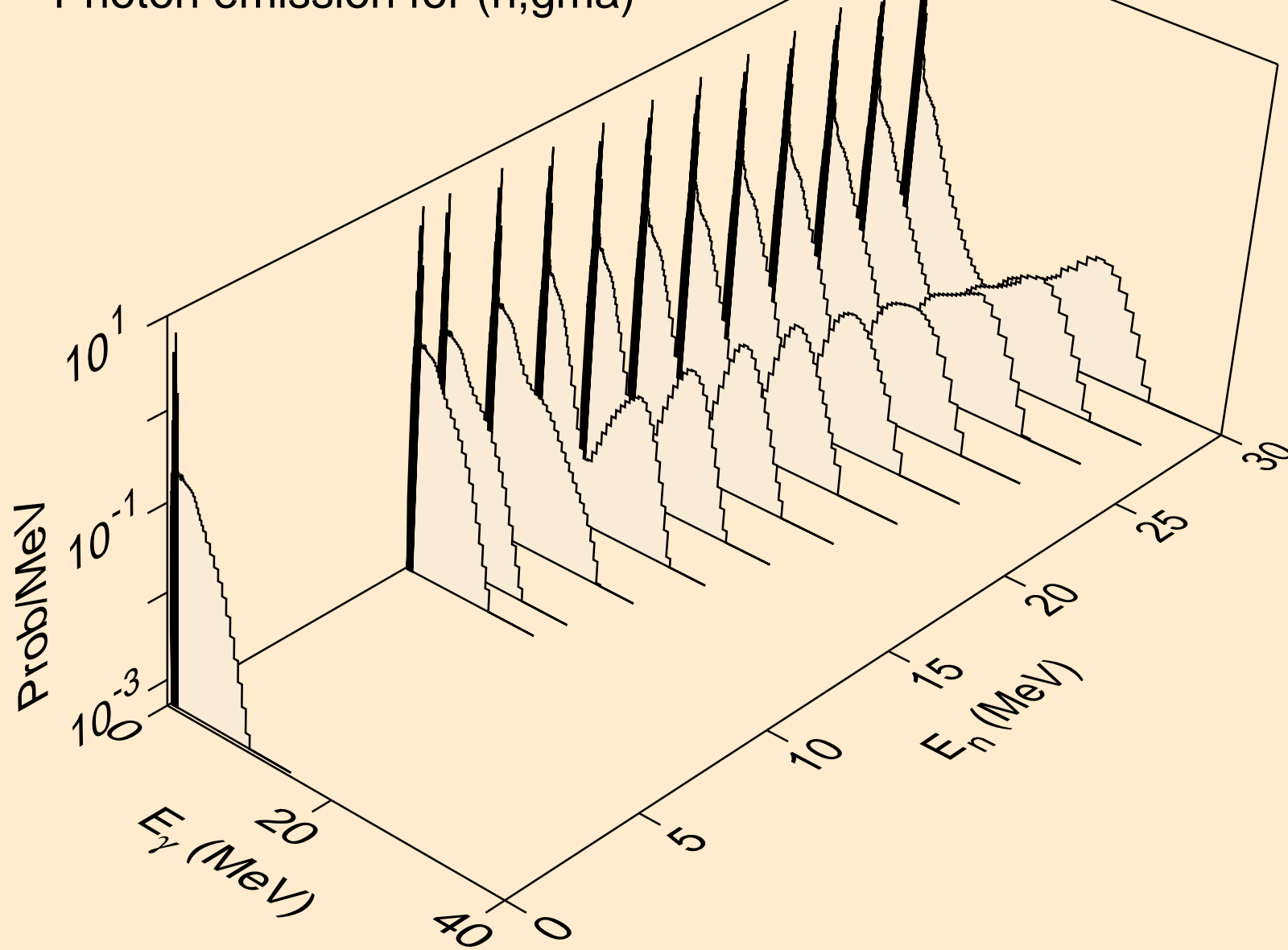


TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

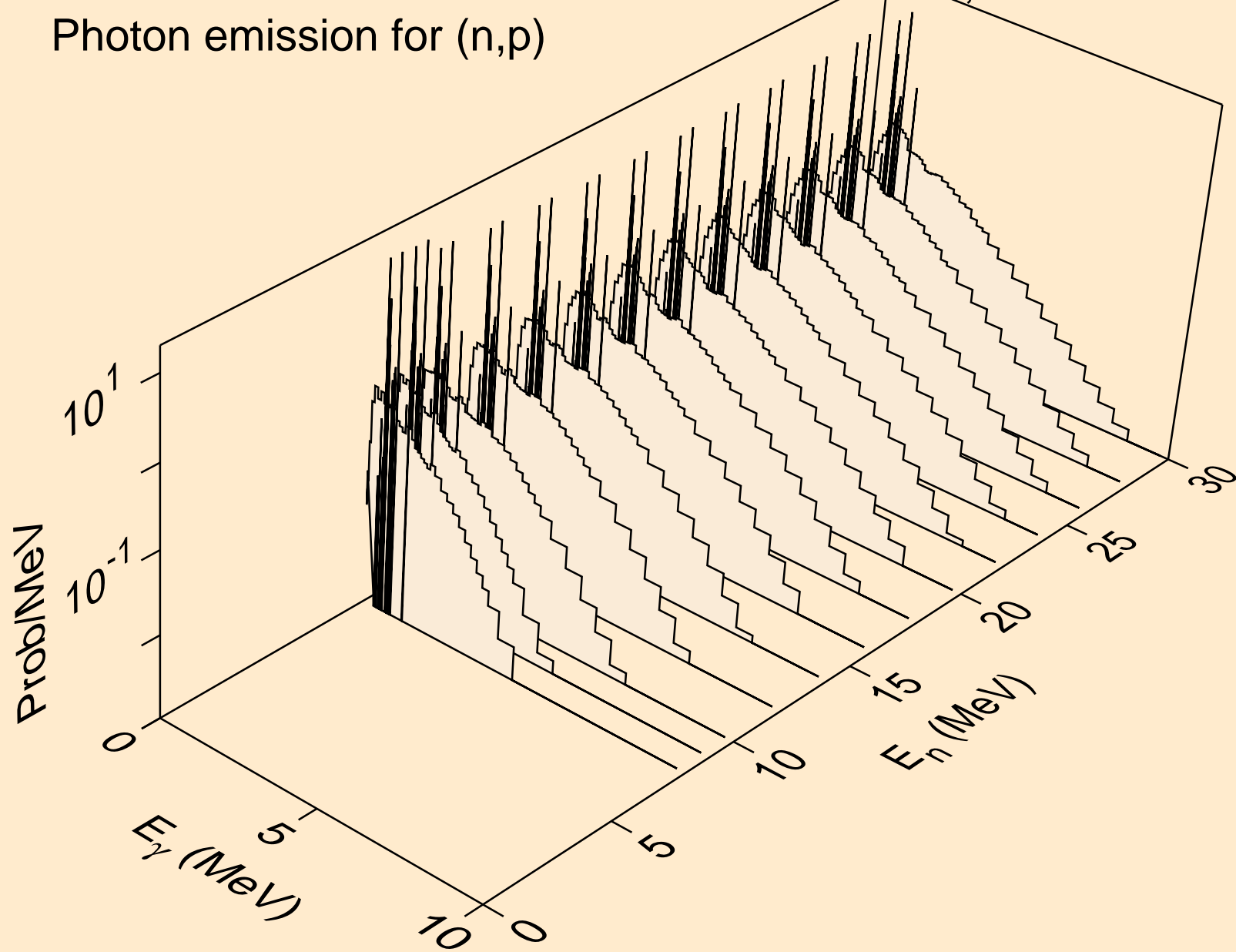




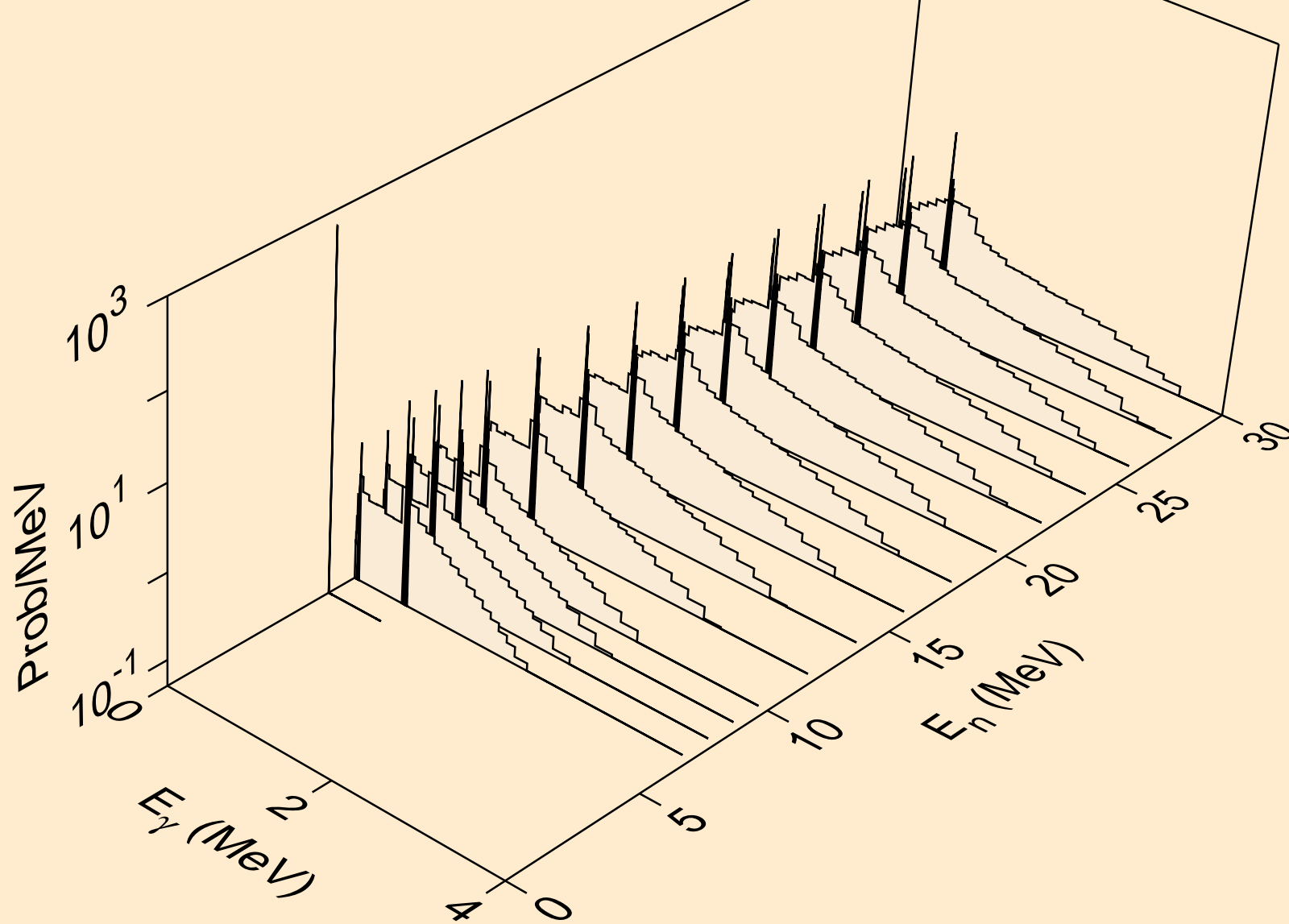
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



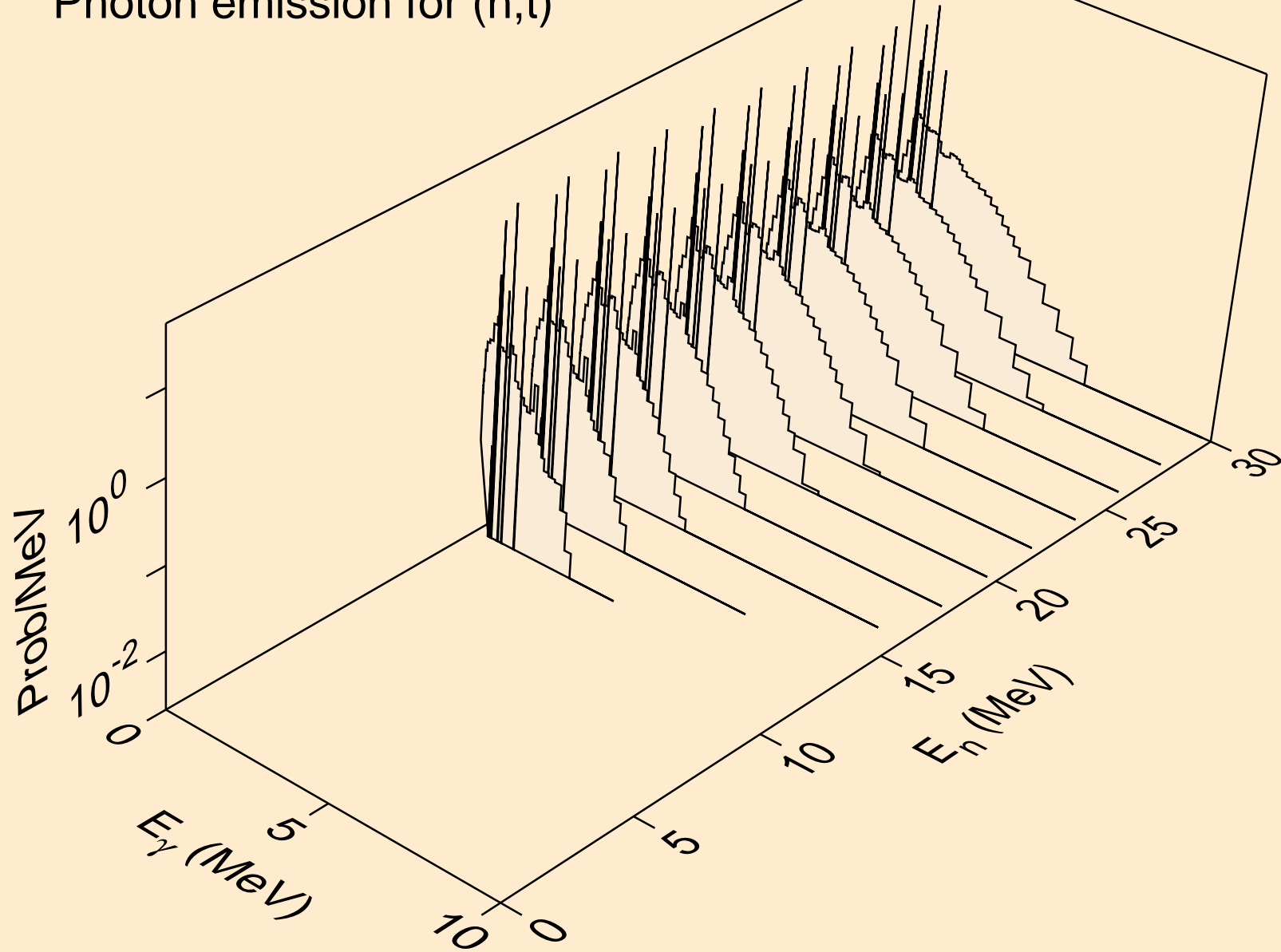
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



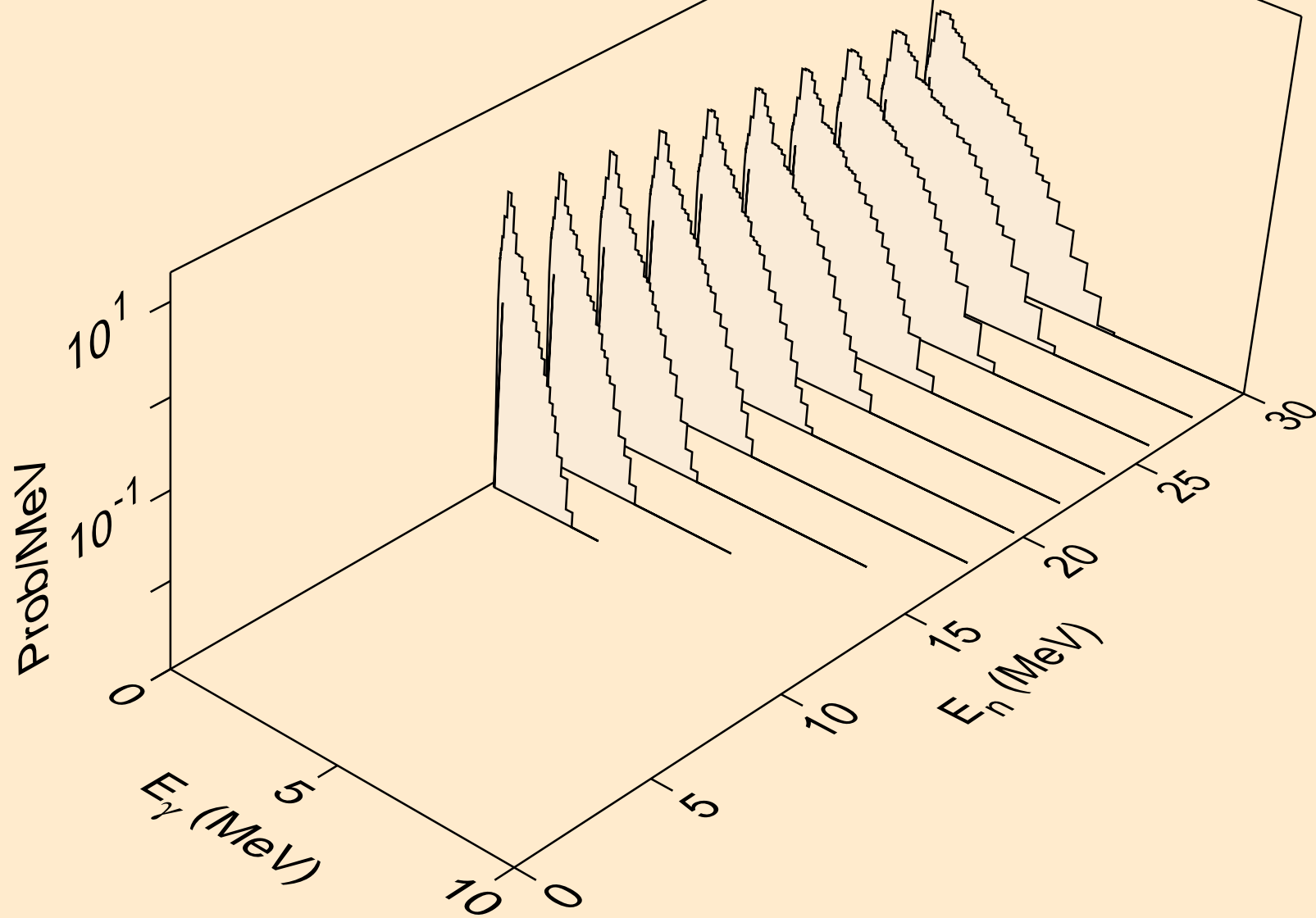
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



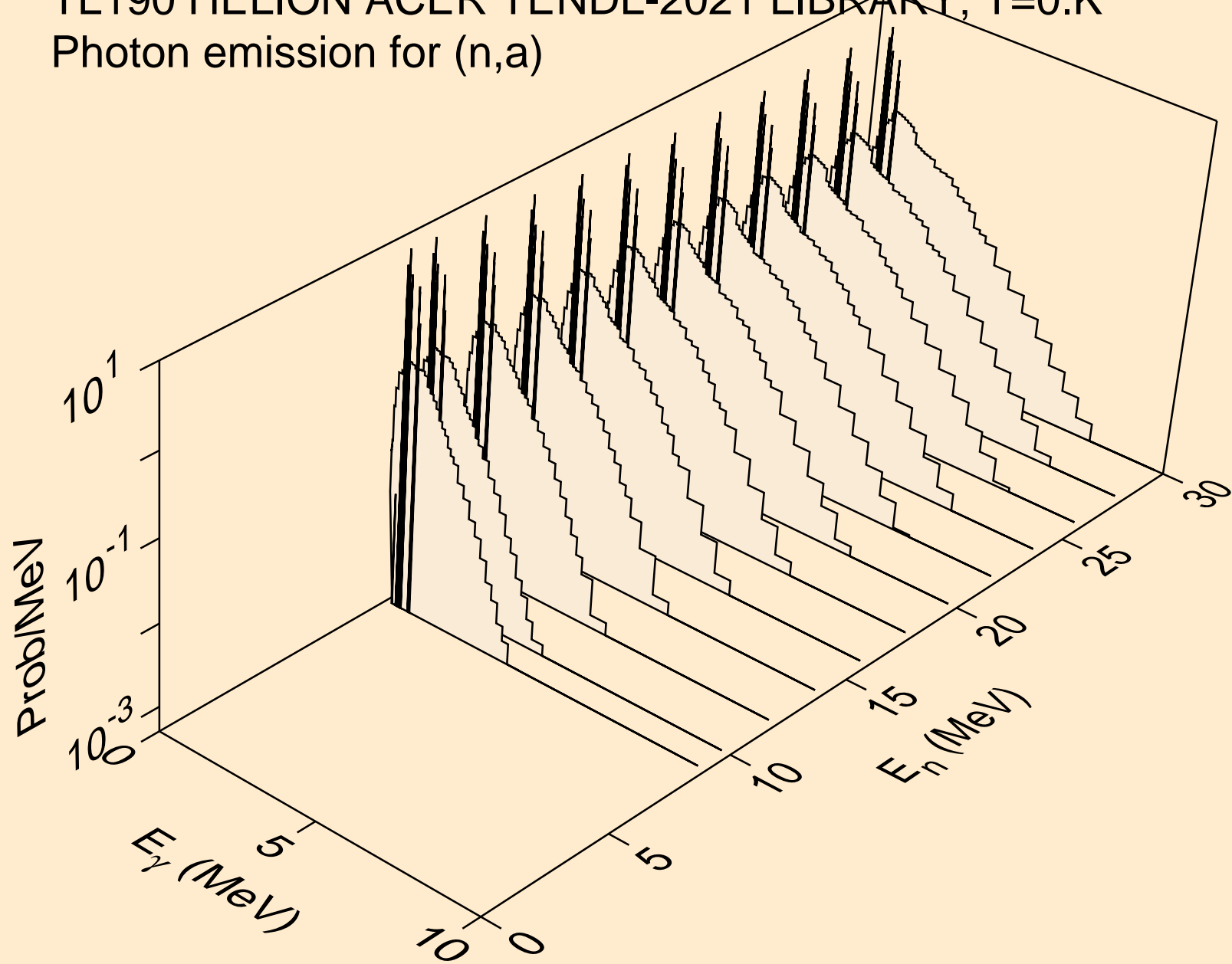
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



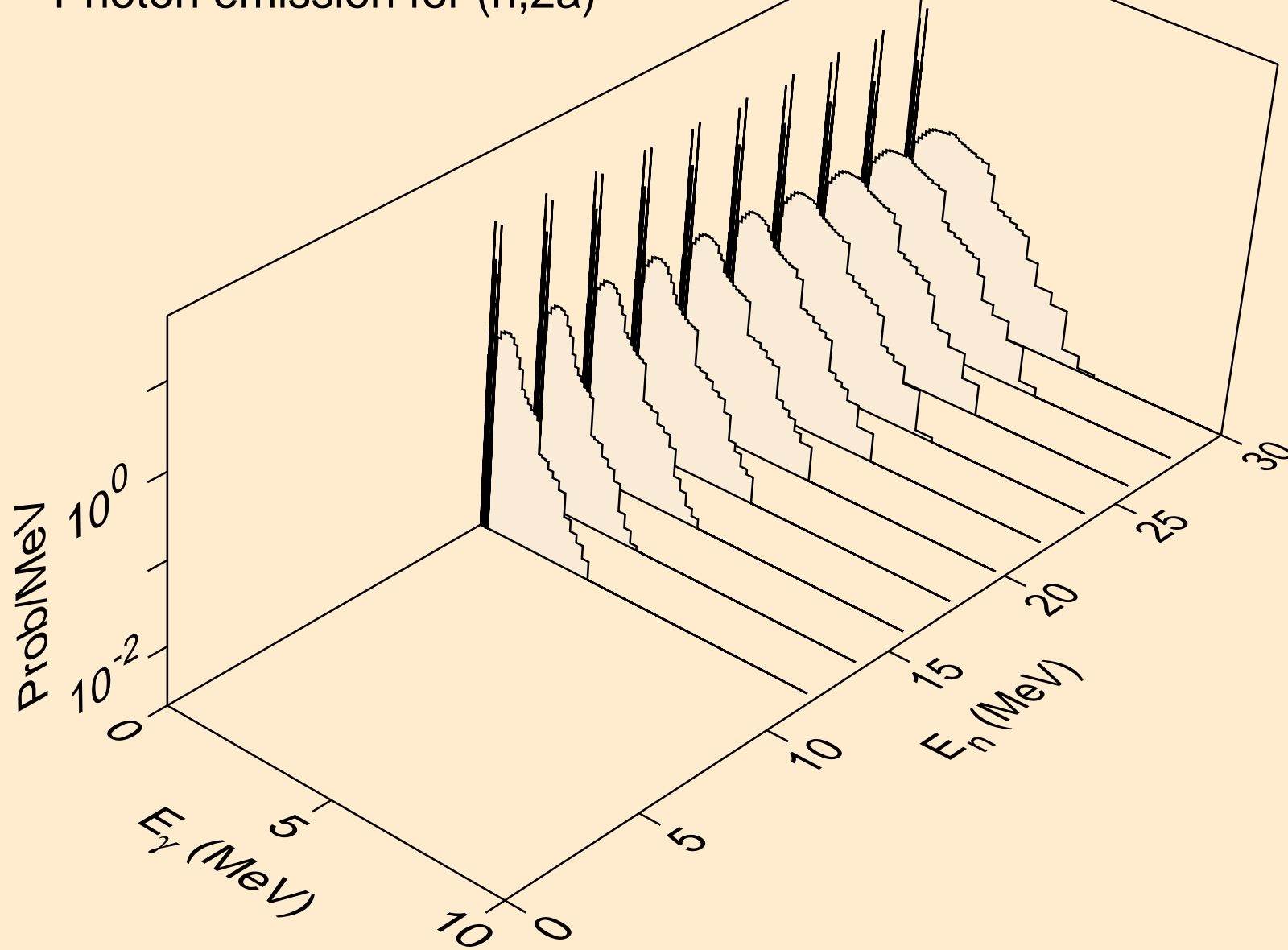
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



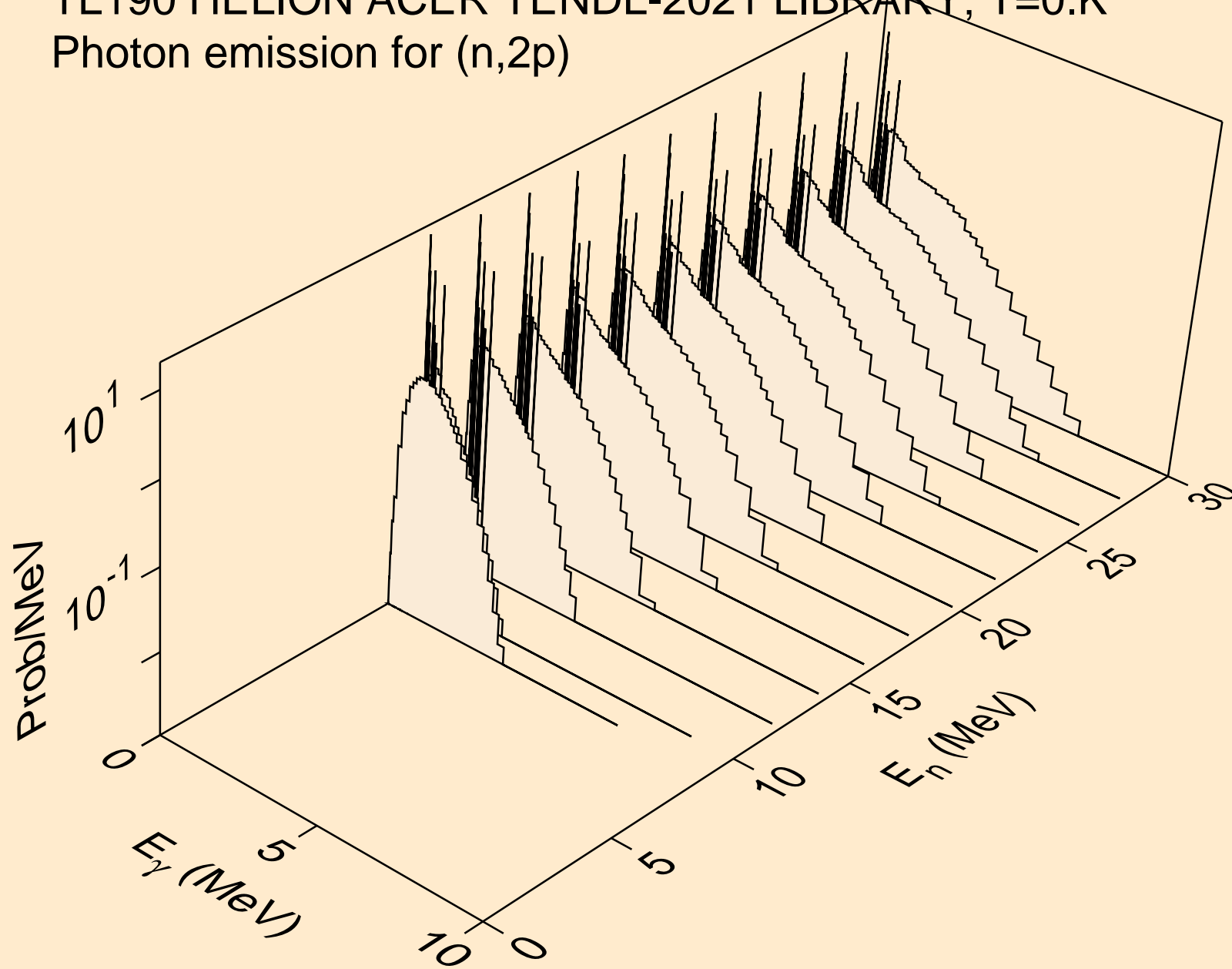
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

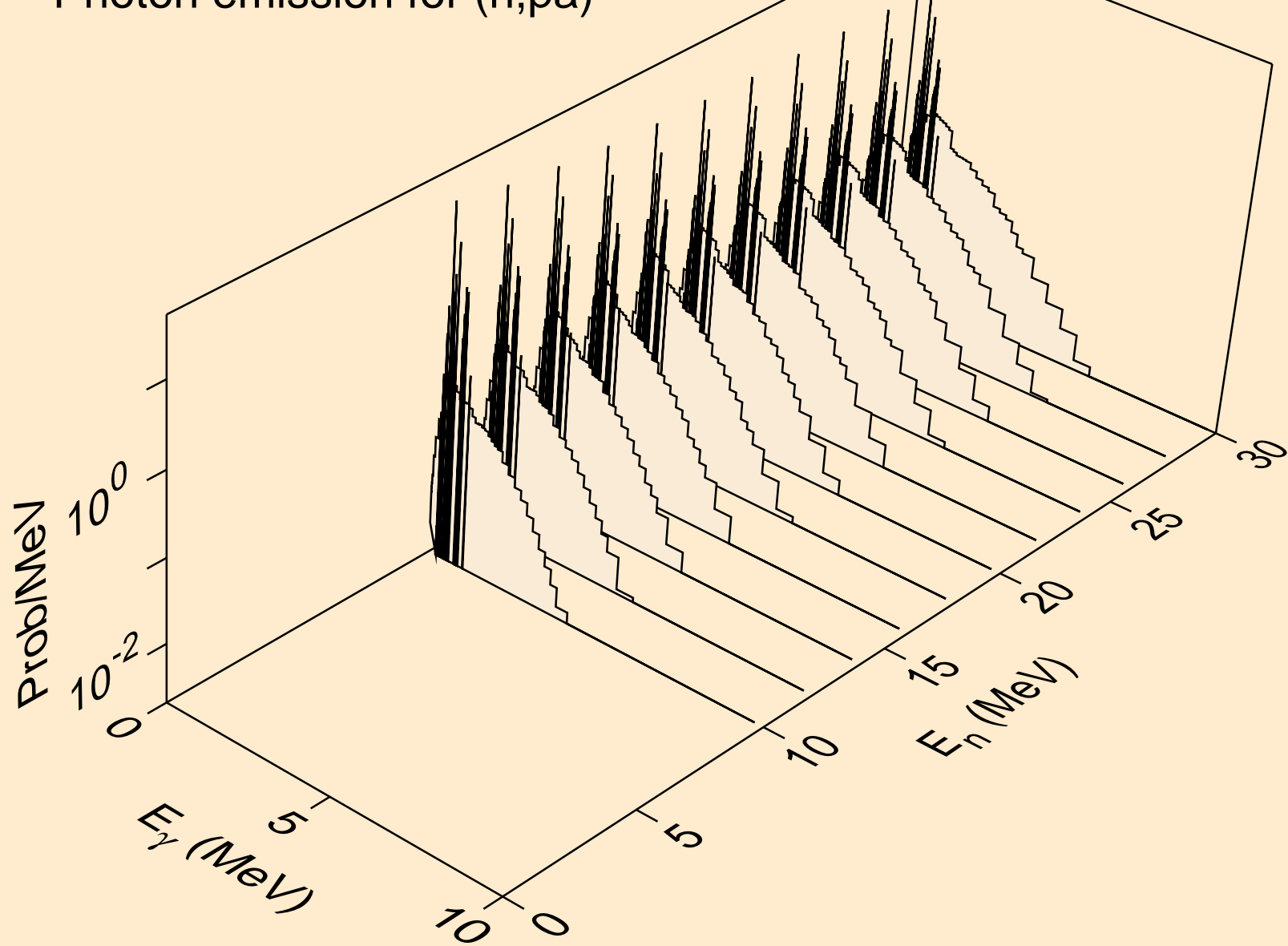


TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

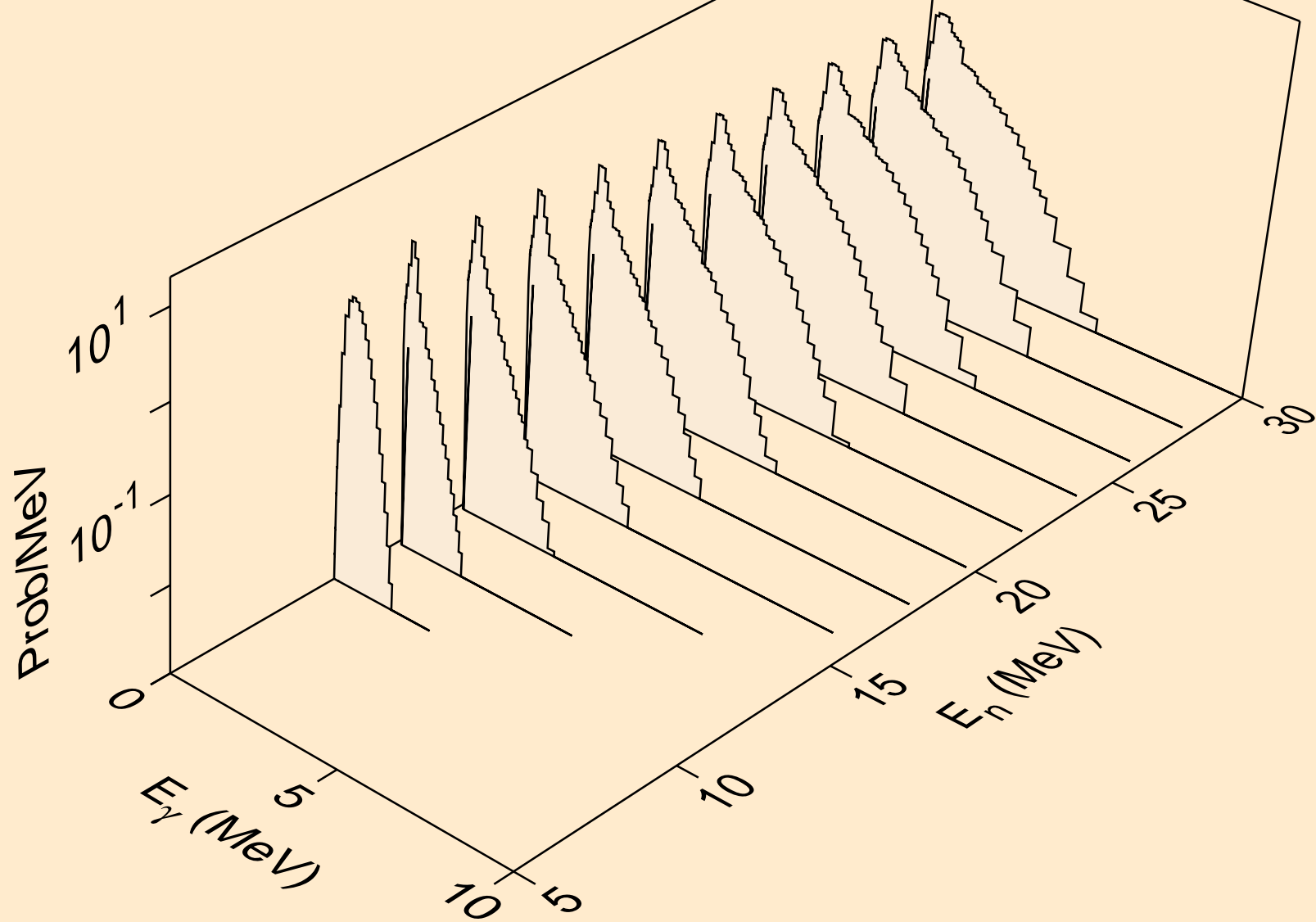




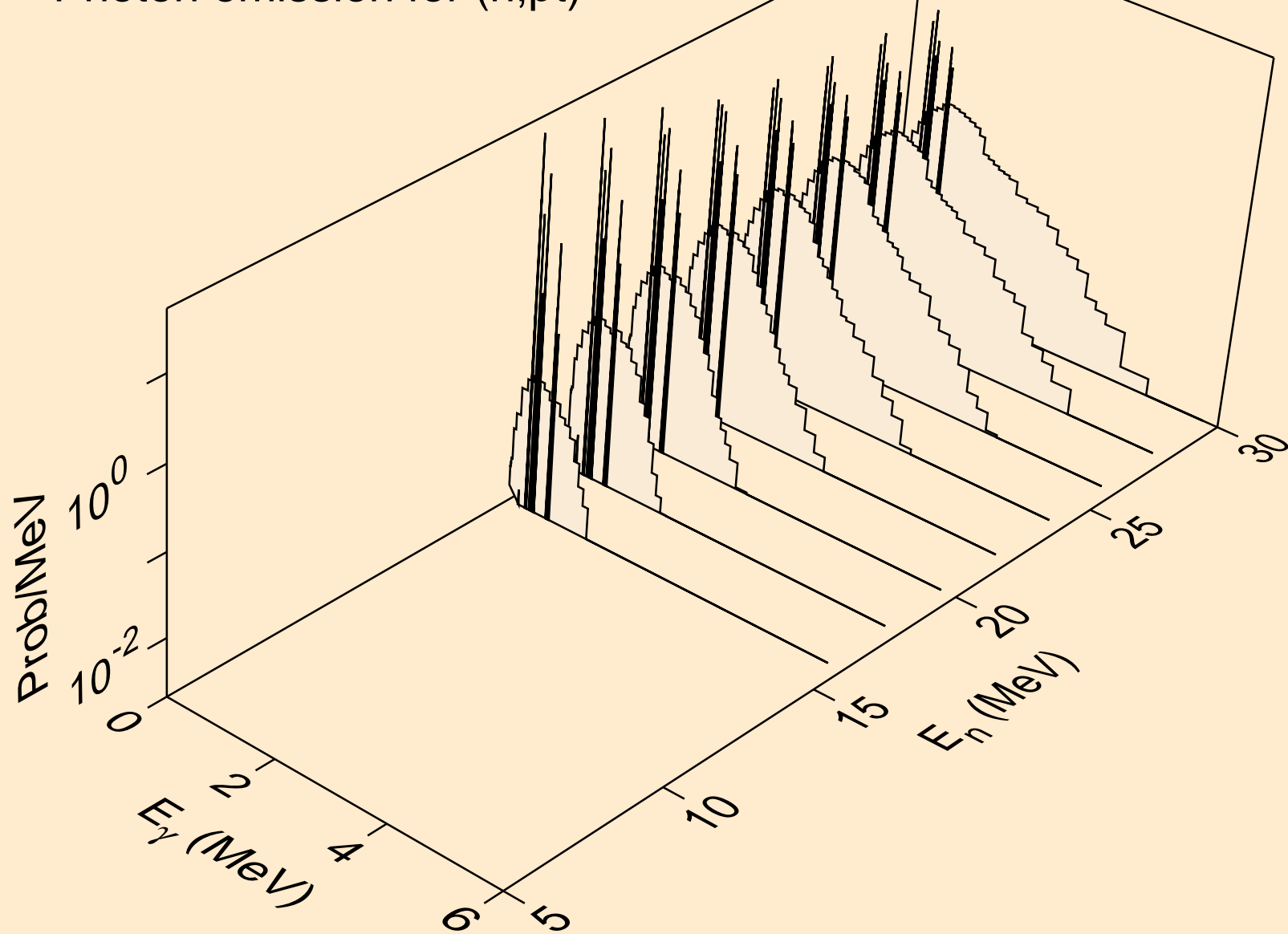
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



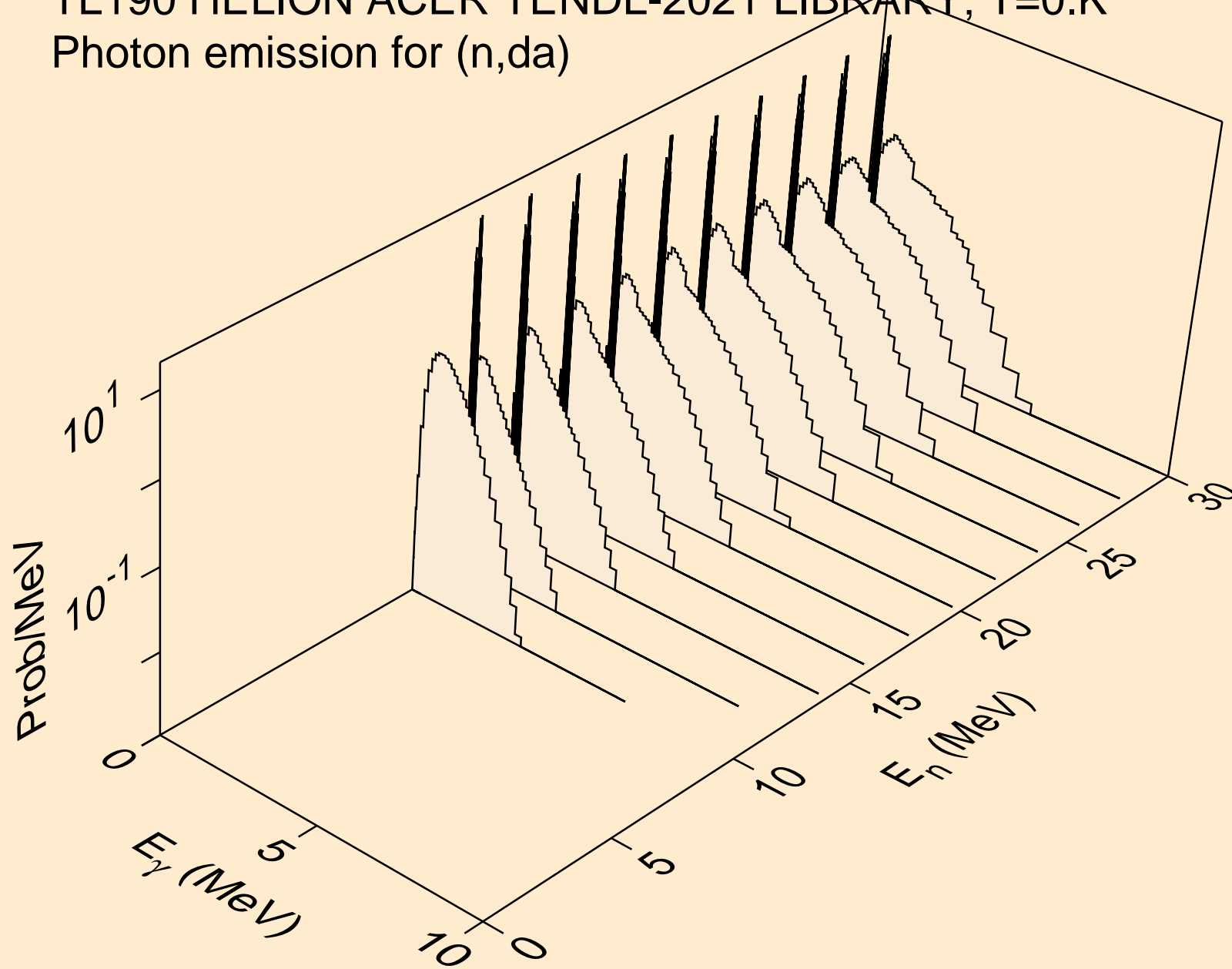
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



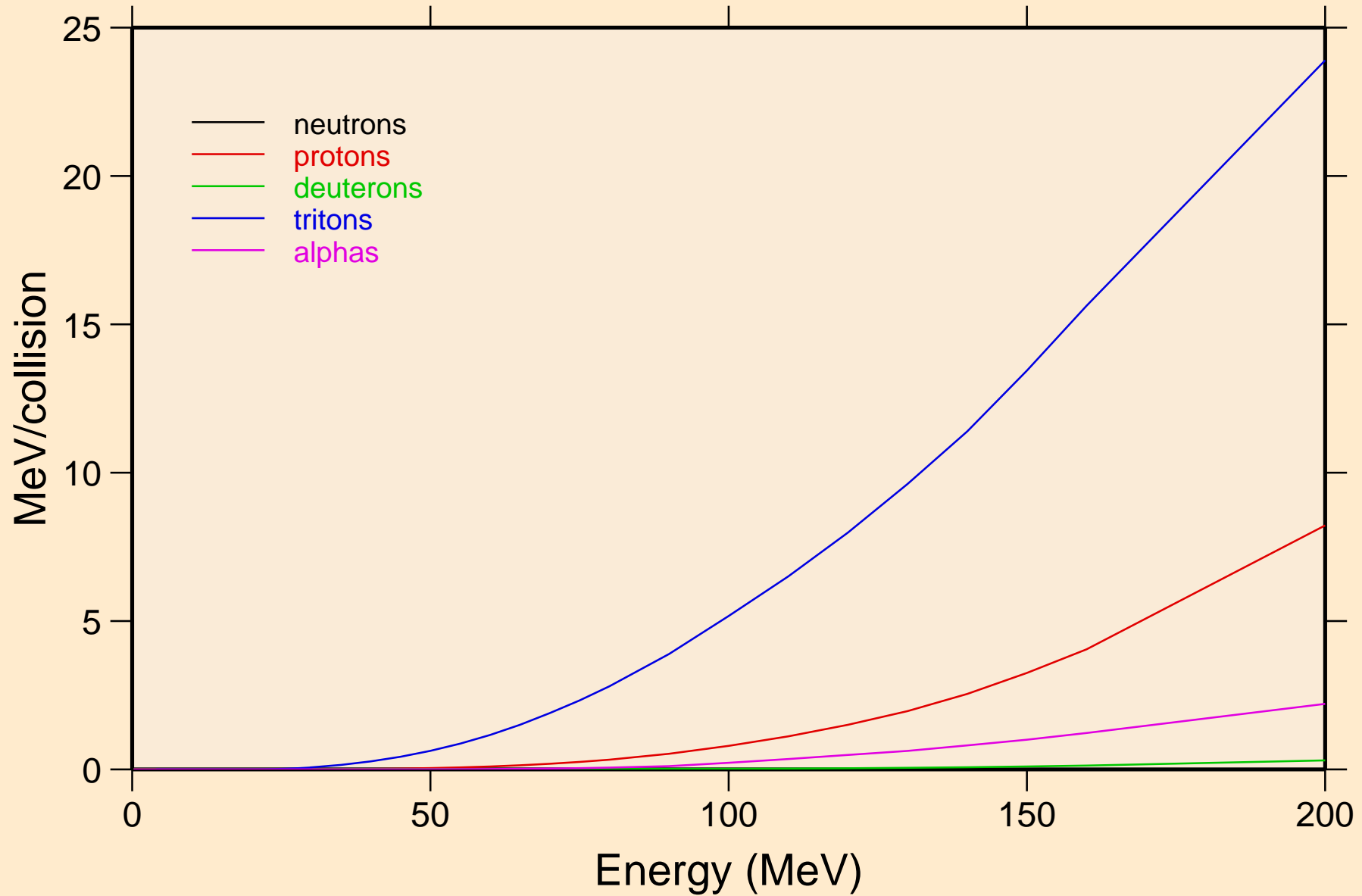
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



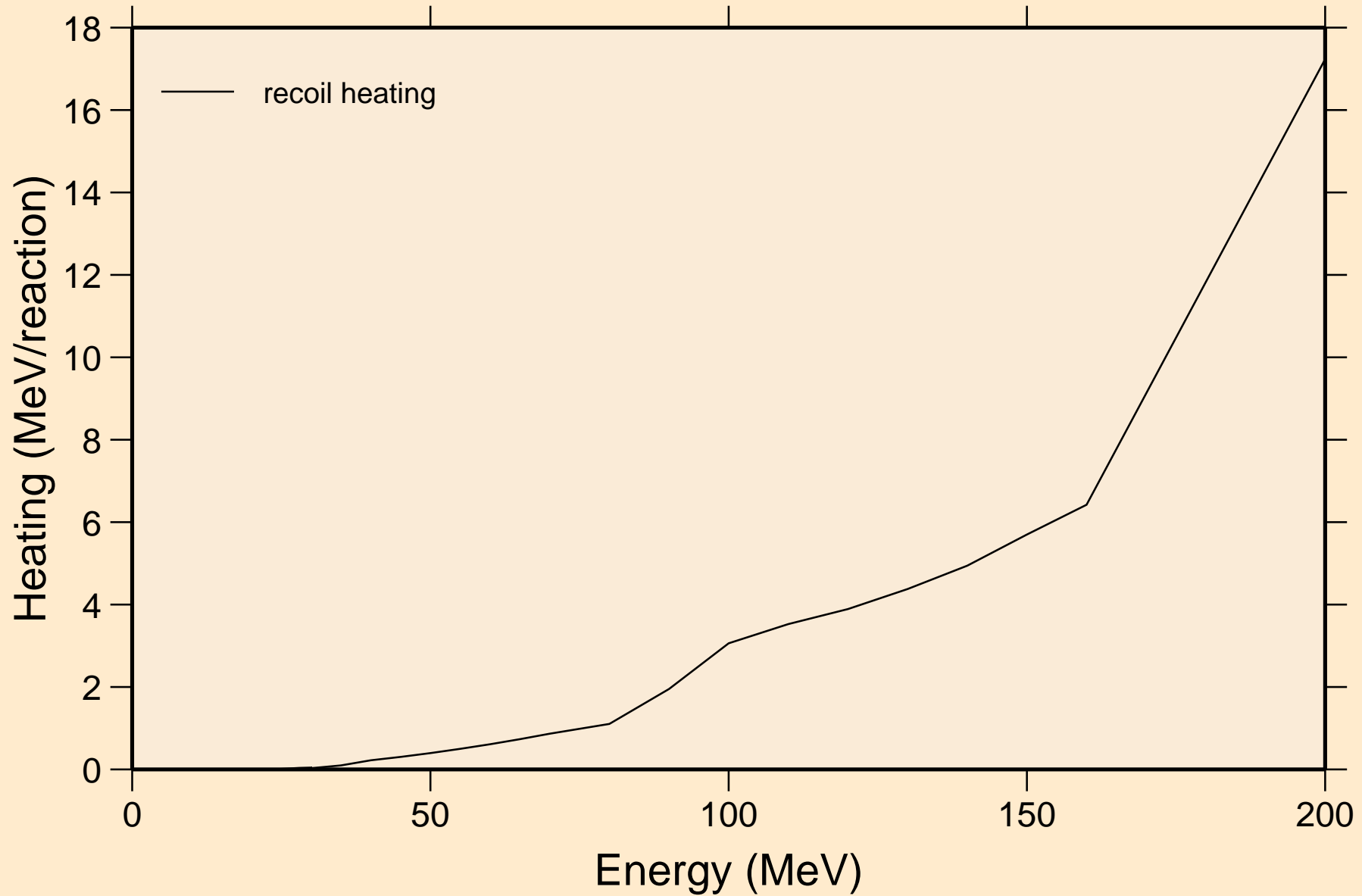
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



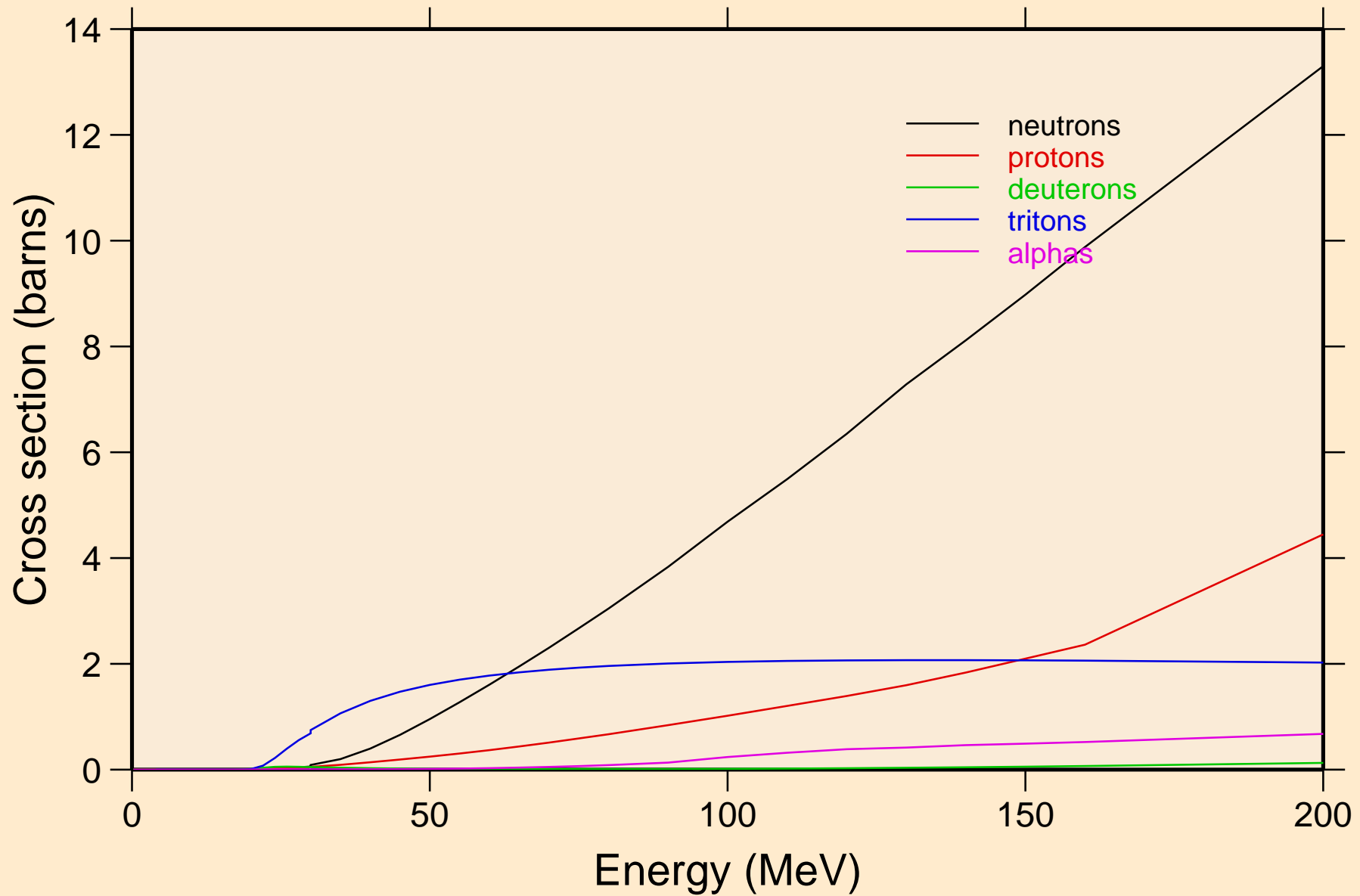
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



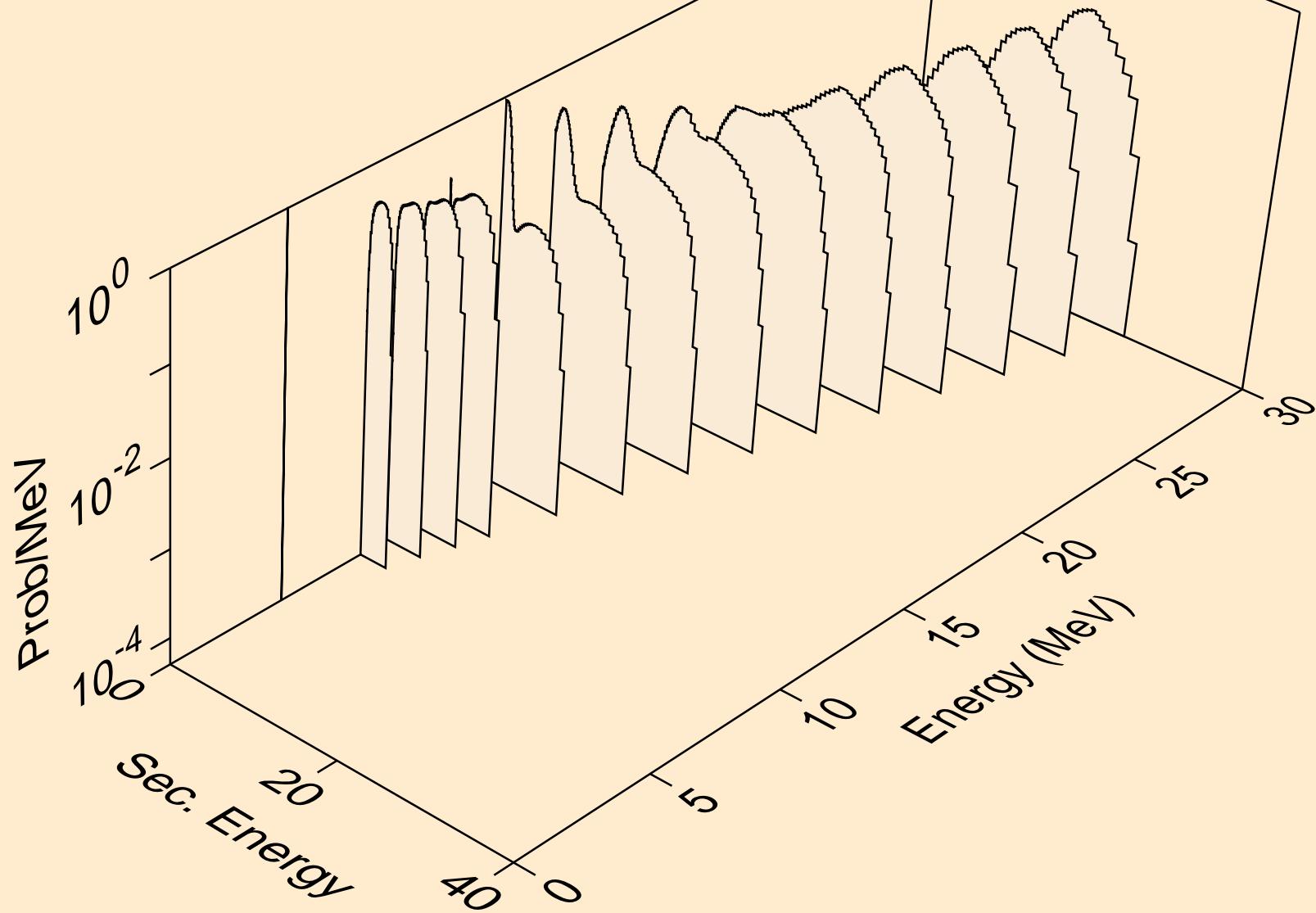
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

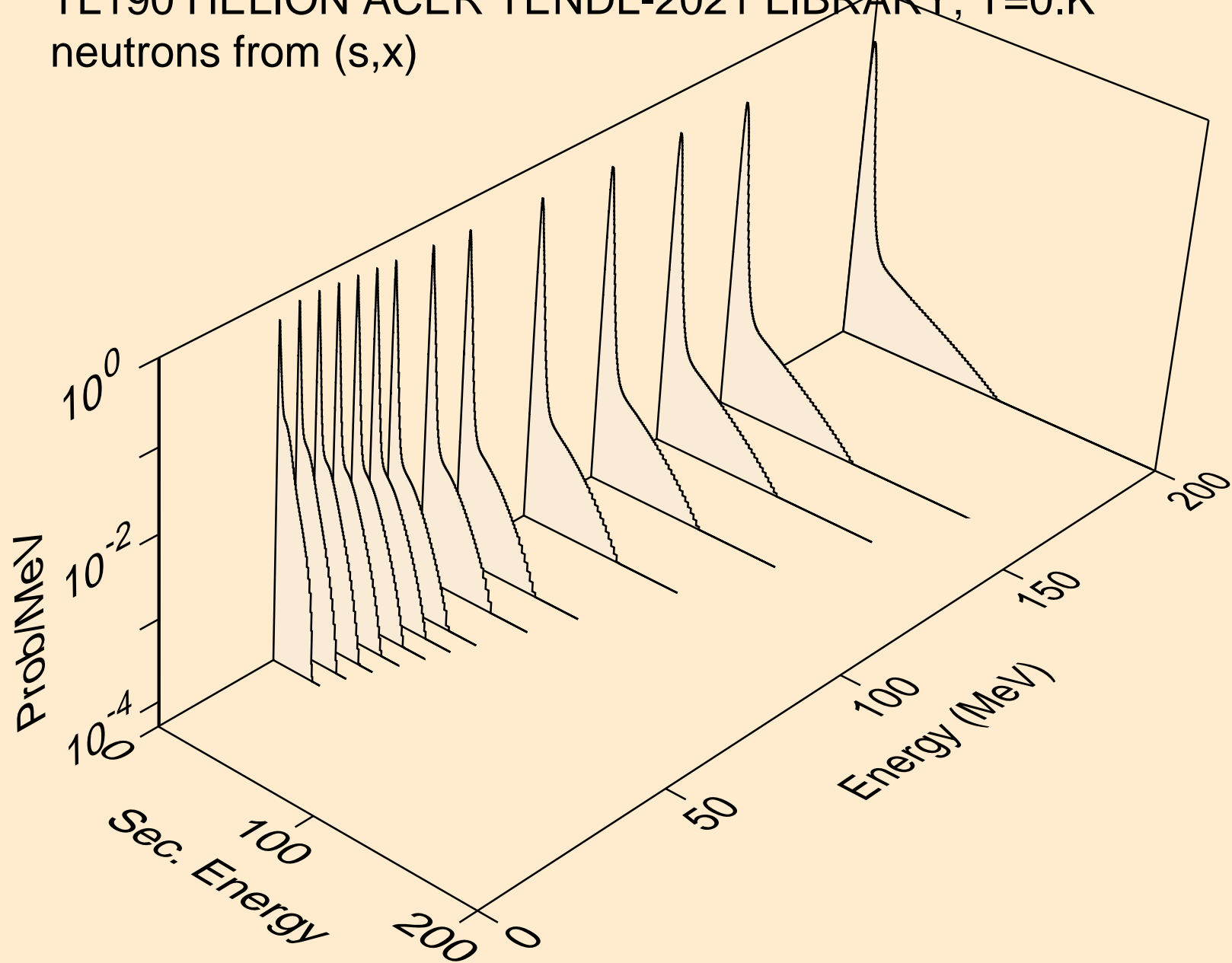


TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

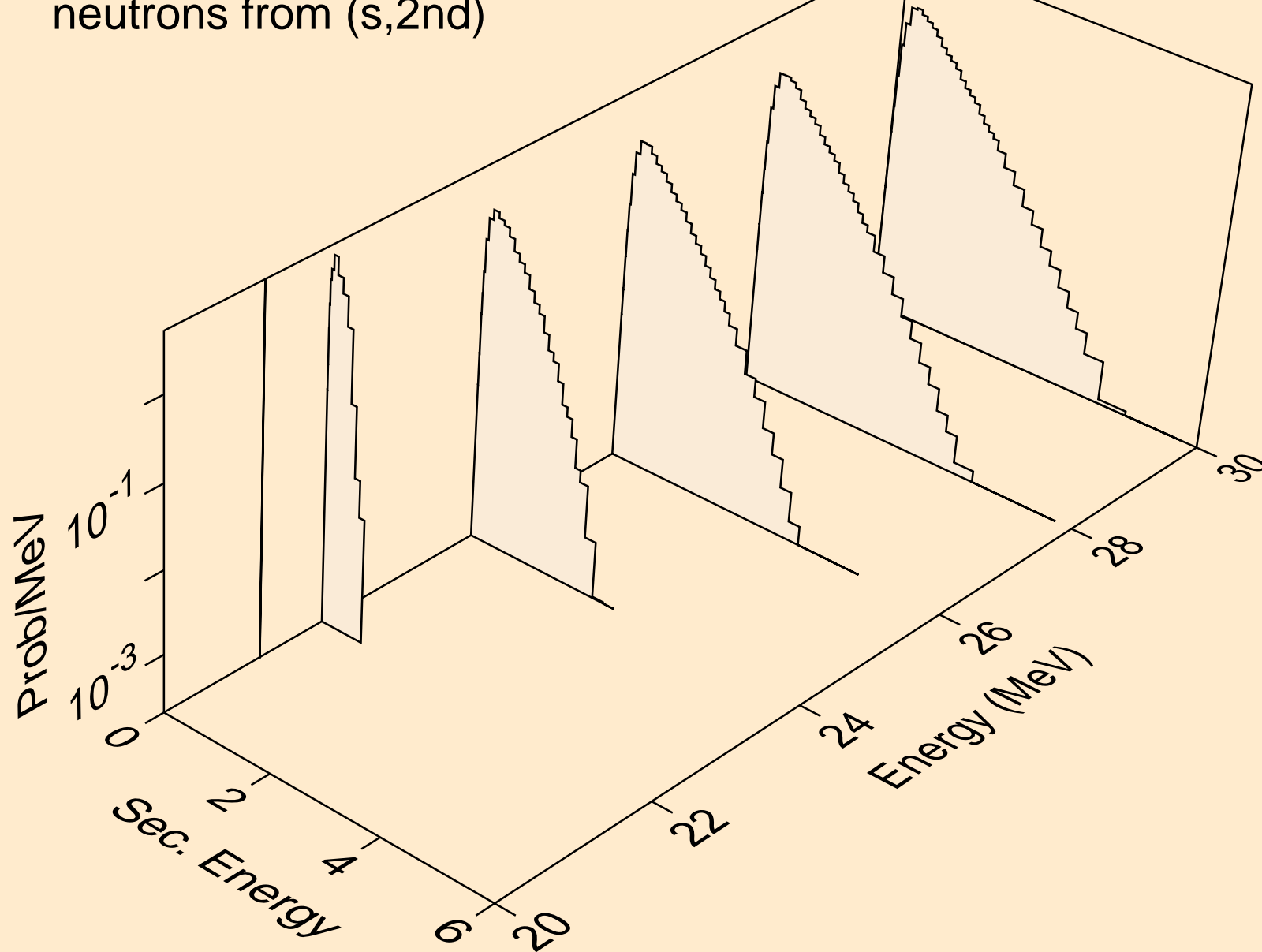




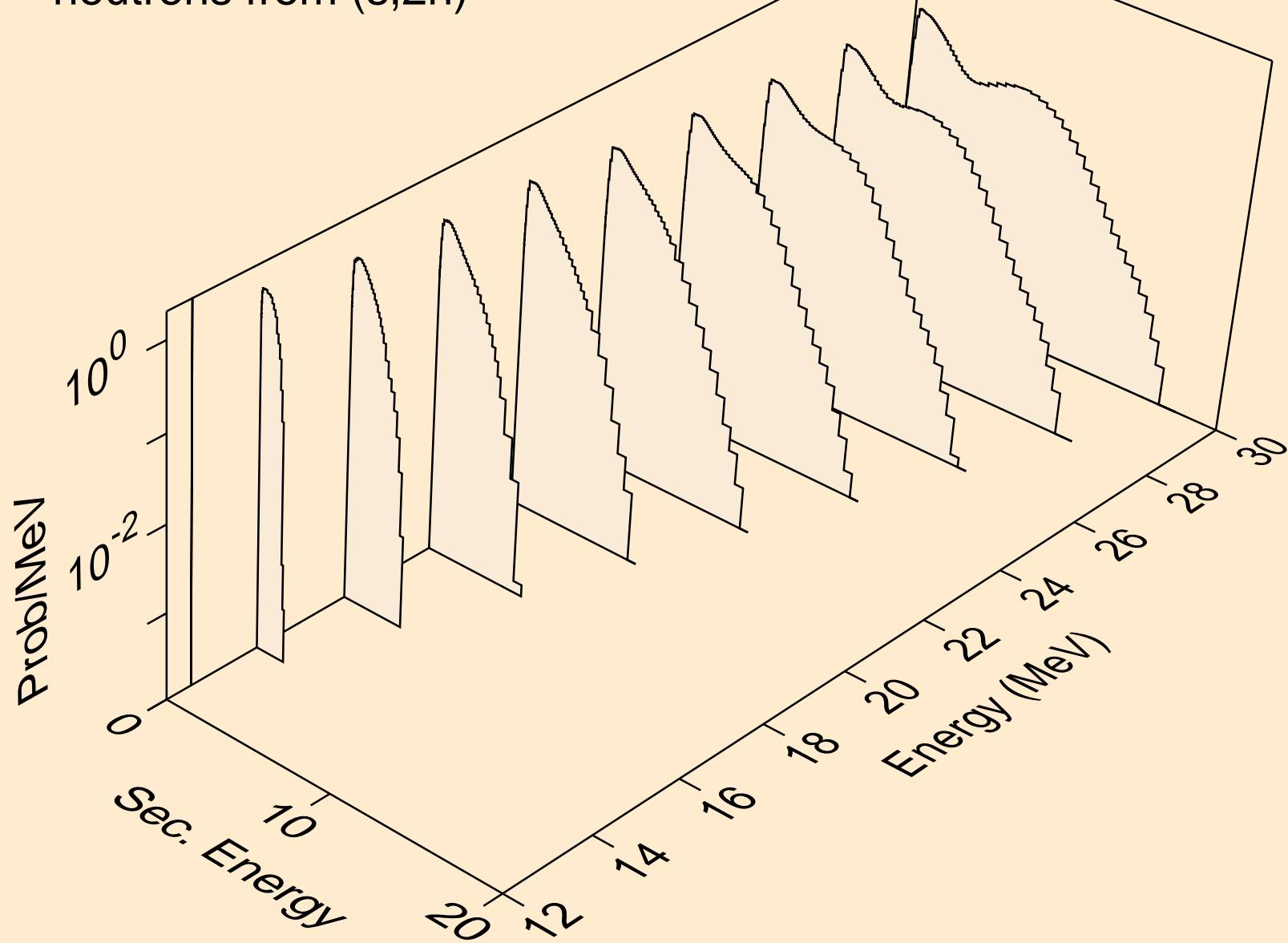
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



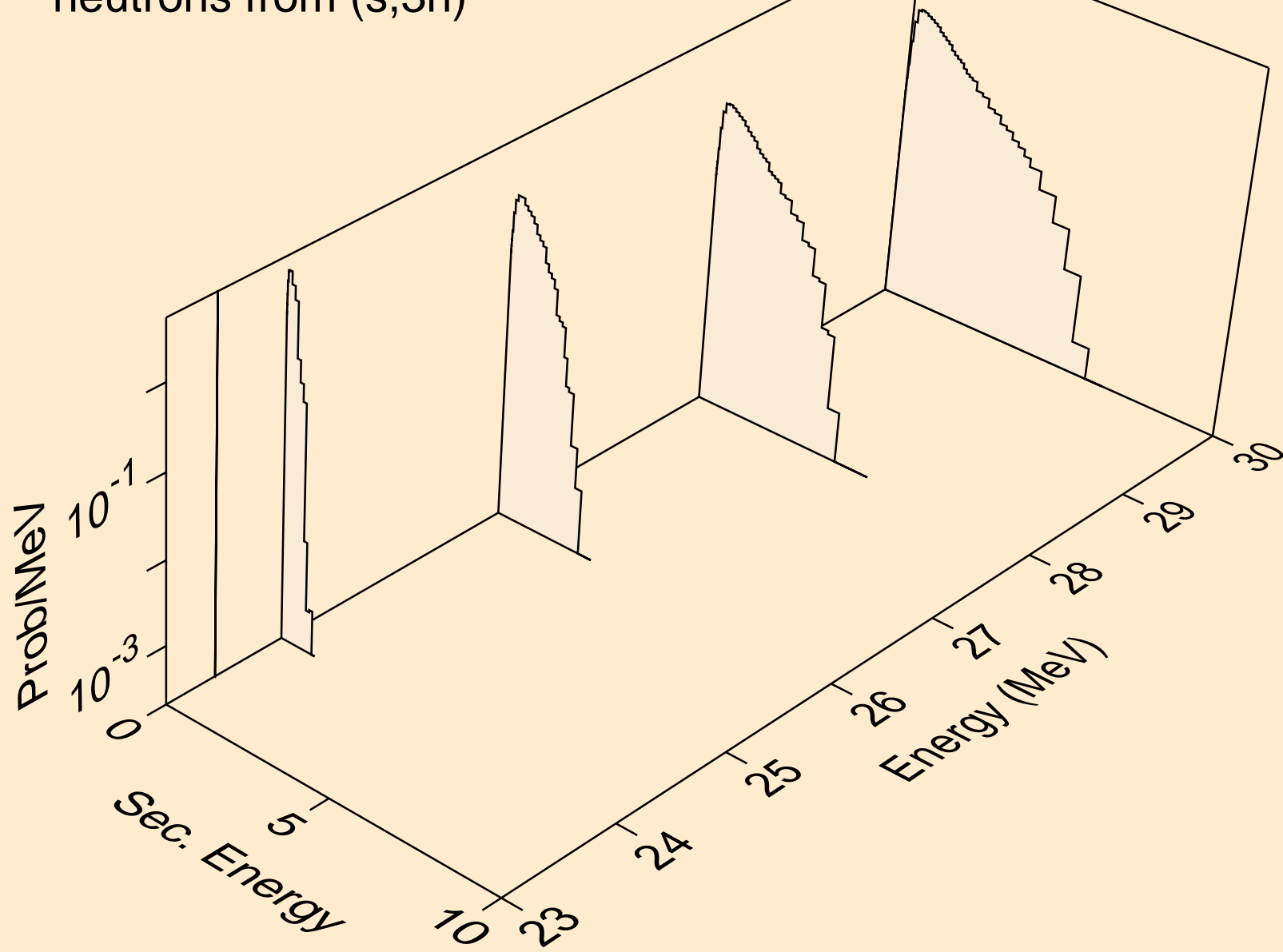
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



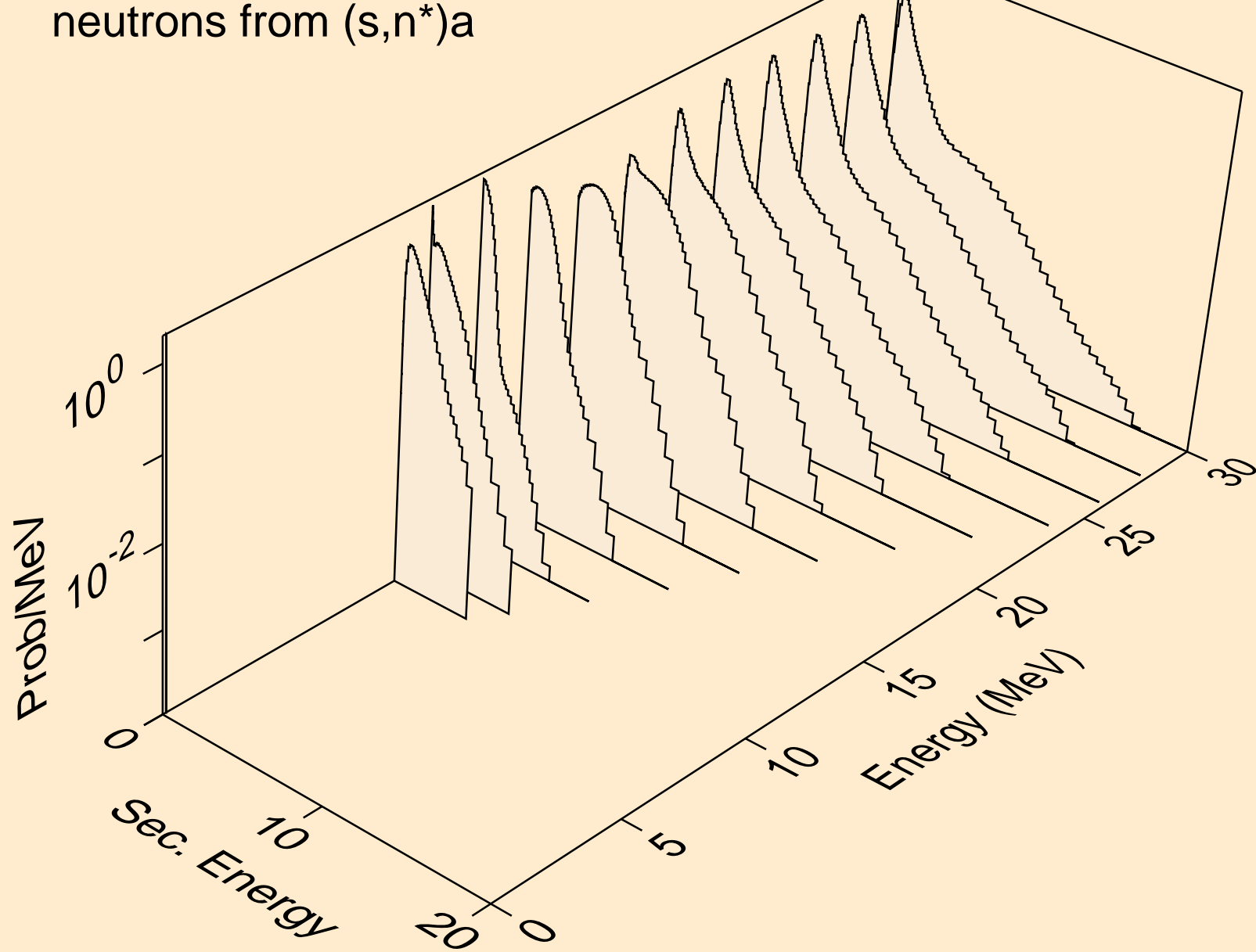
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



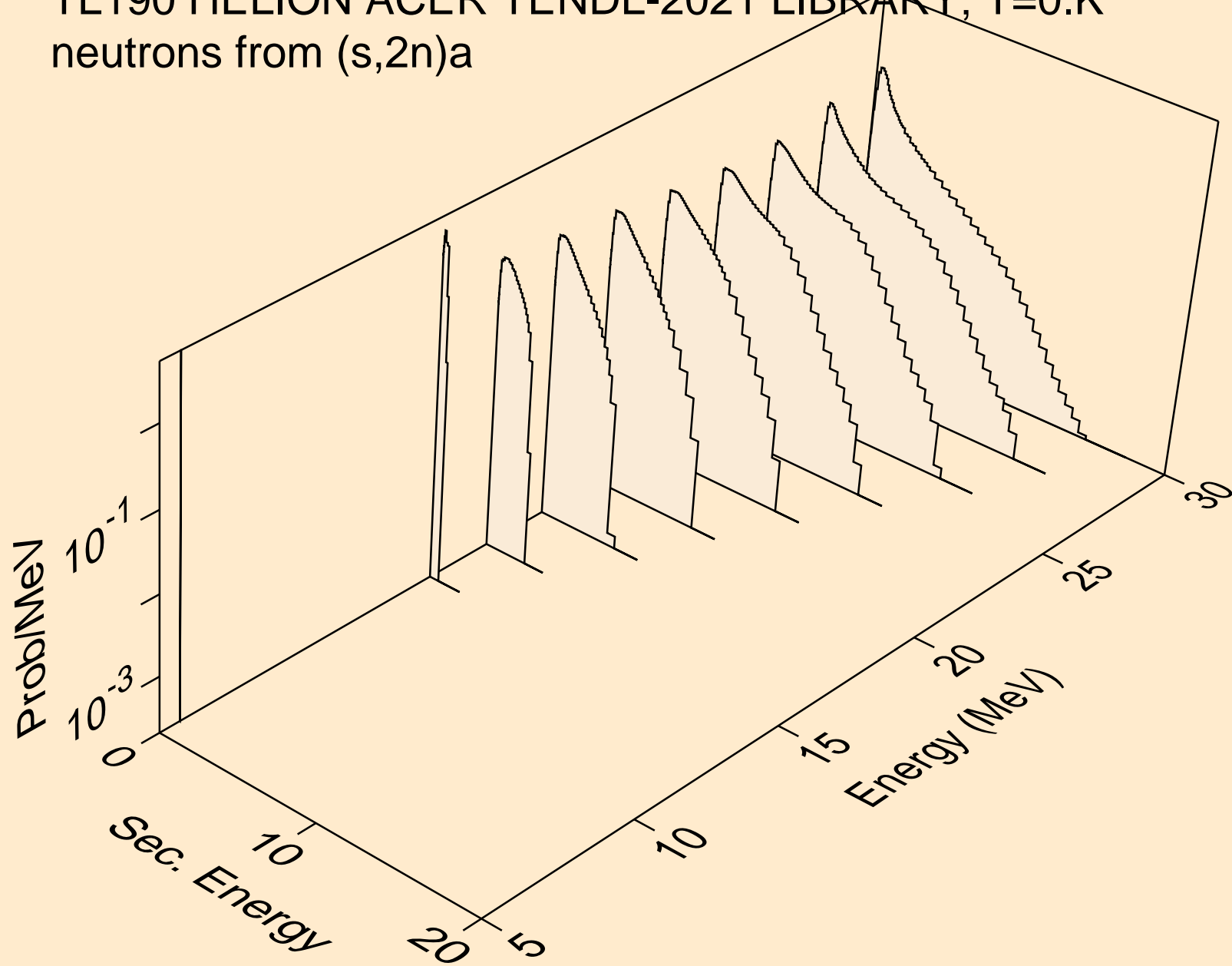
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



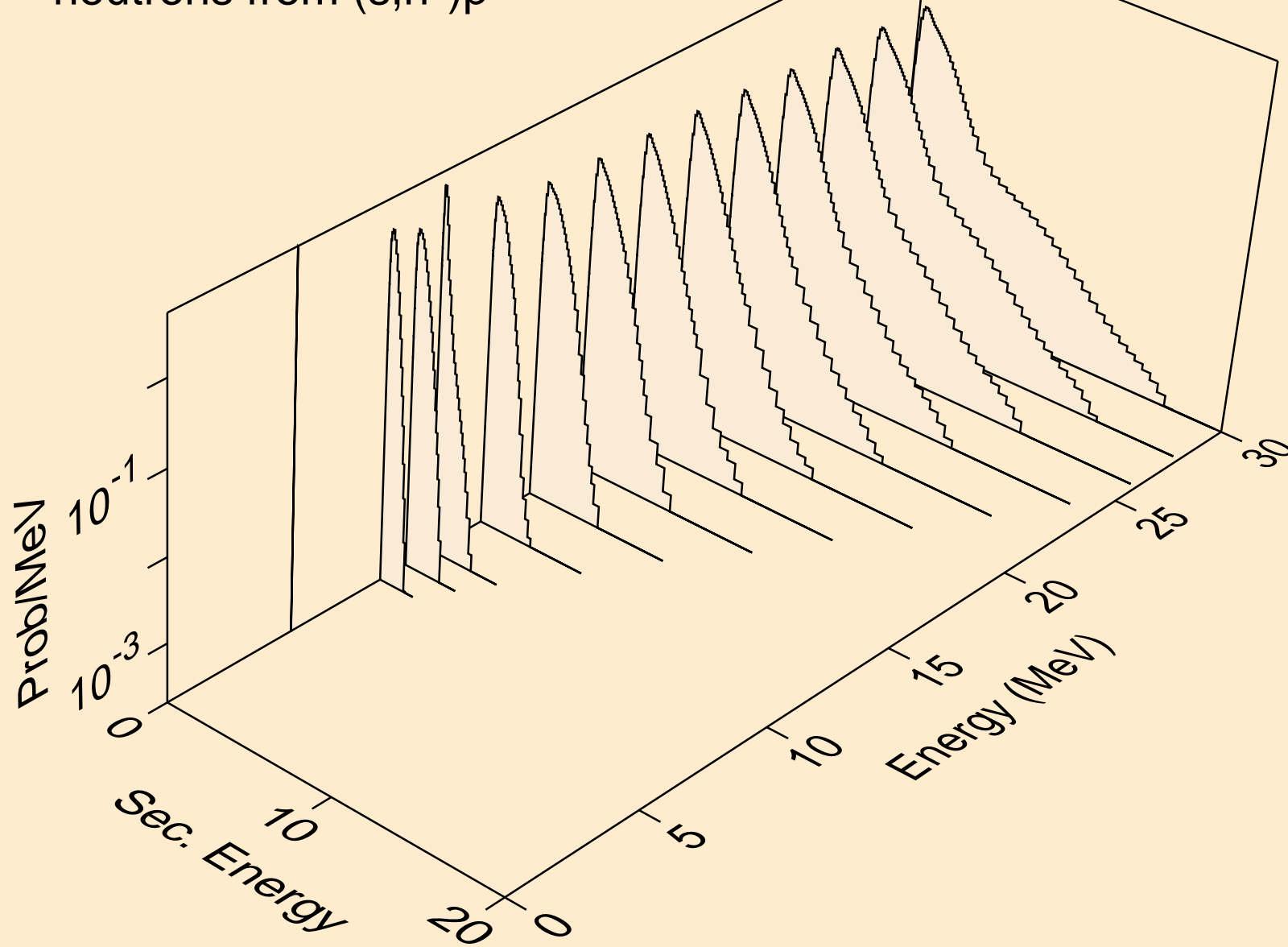
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



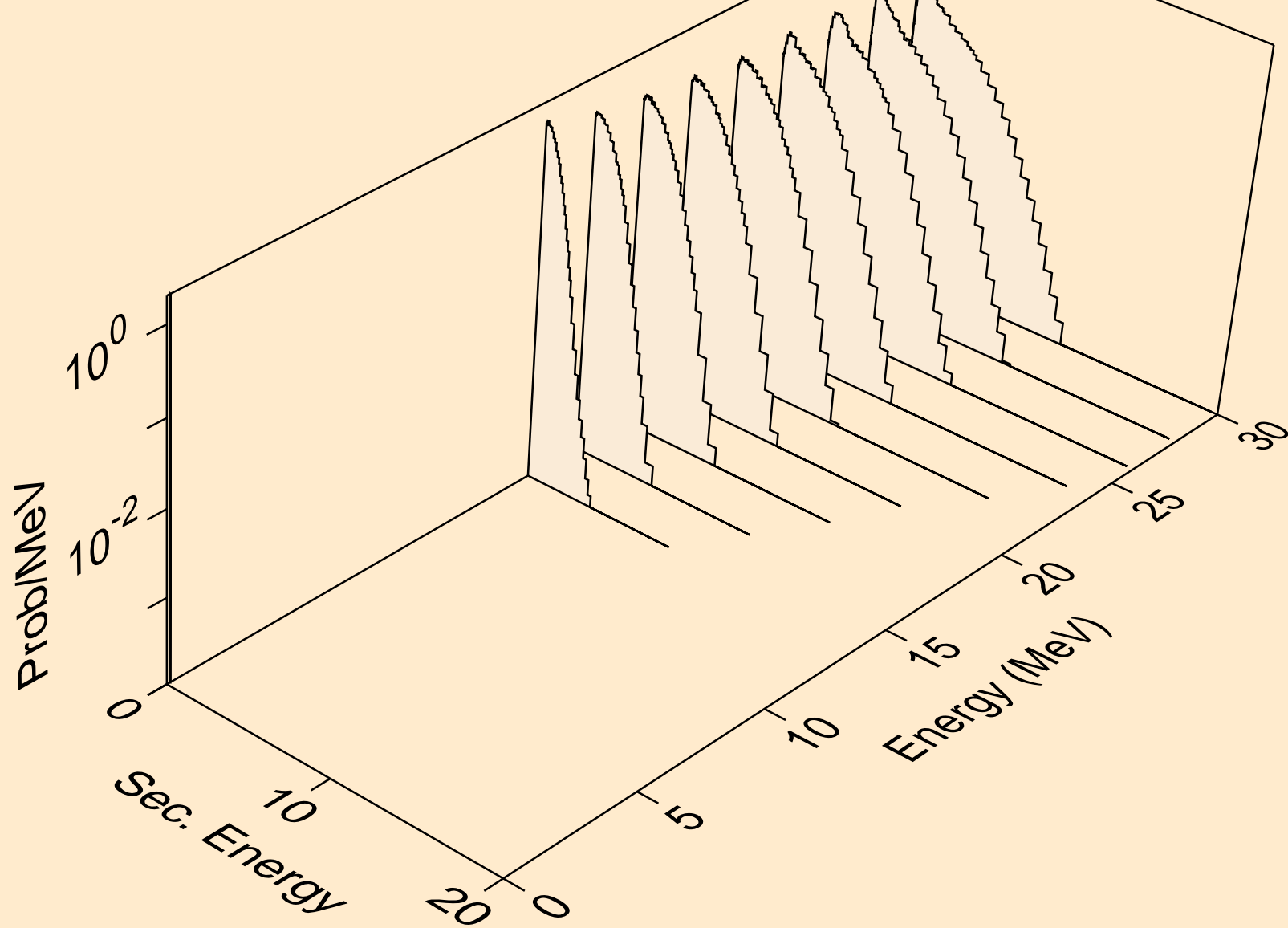
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

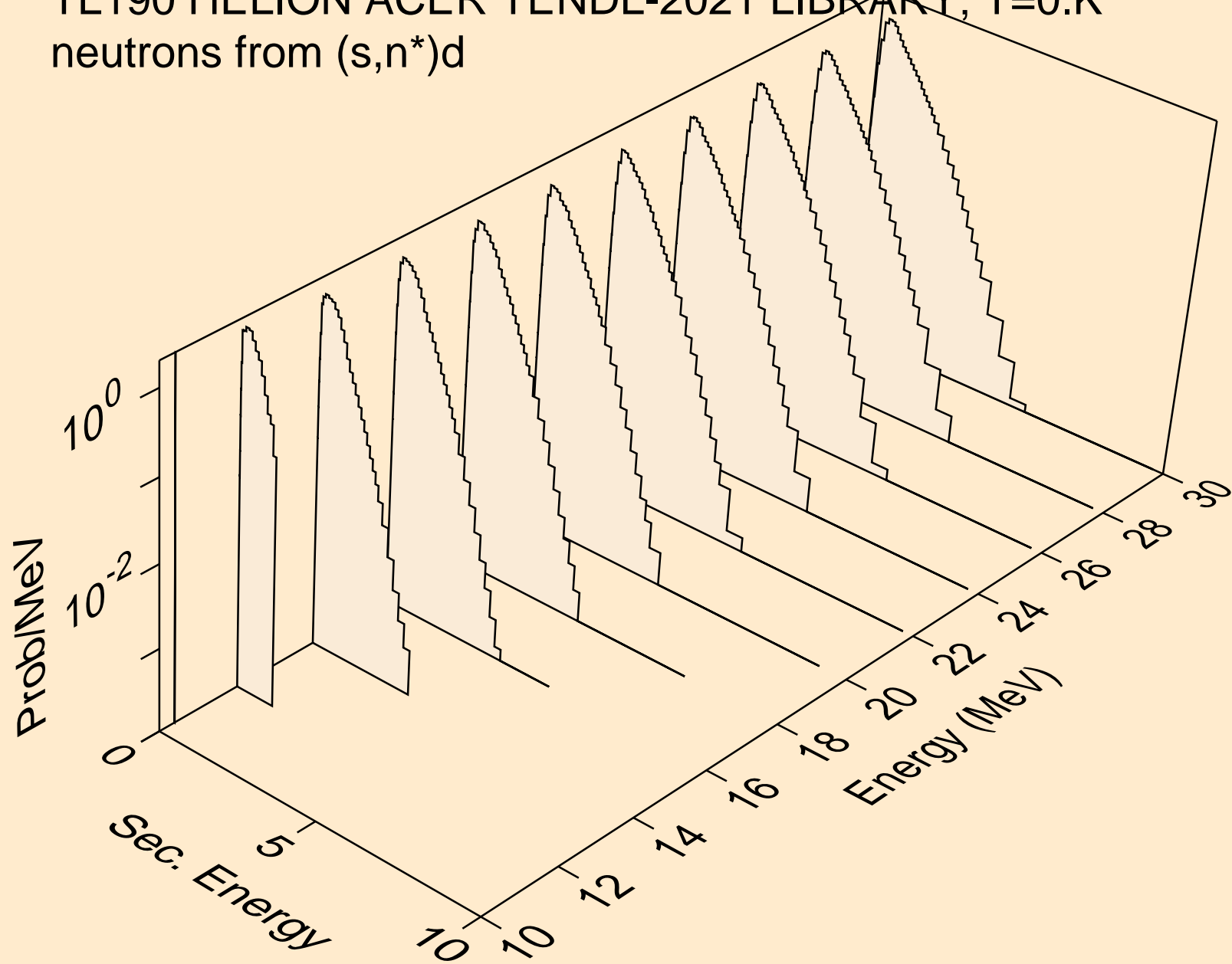


TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

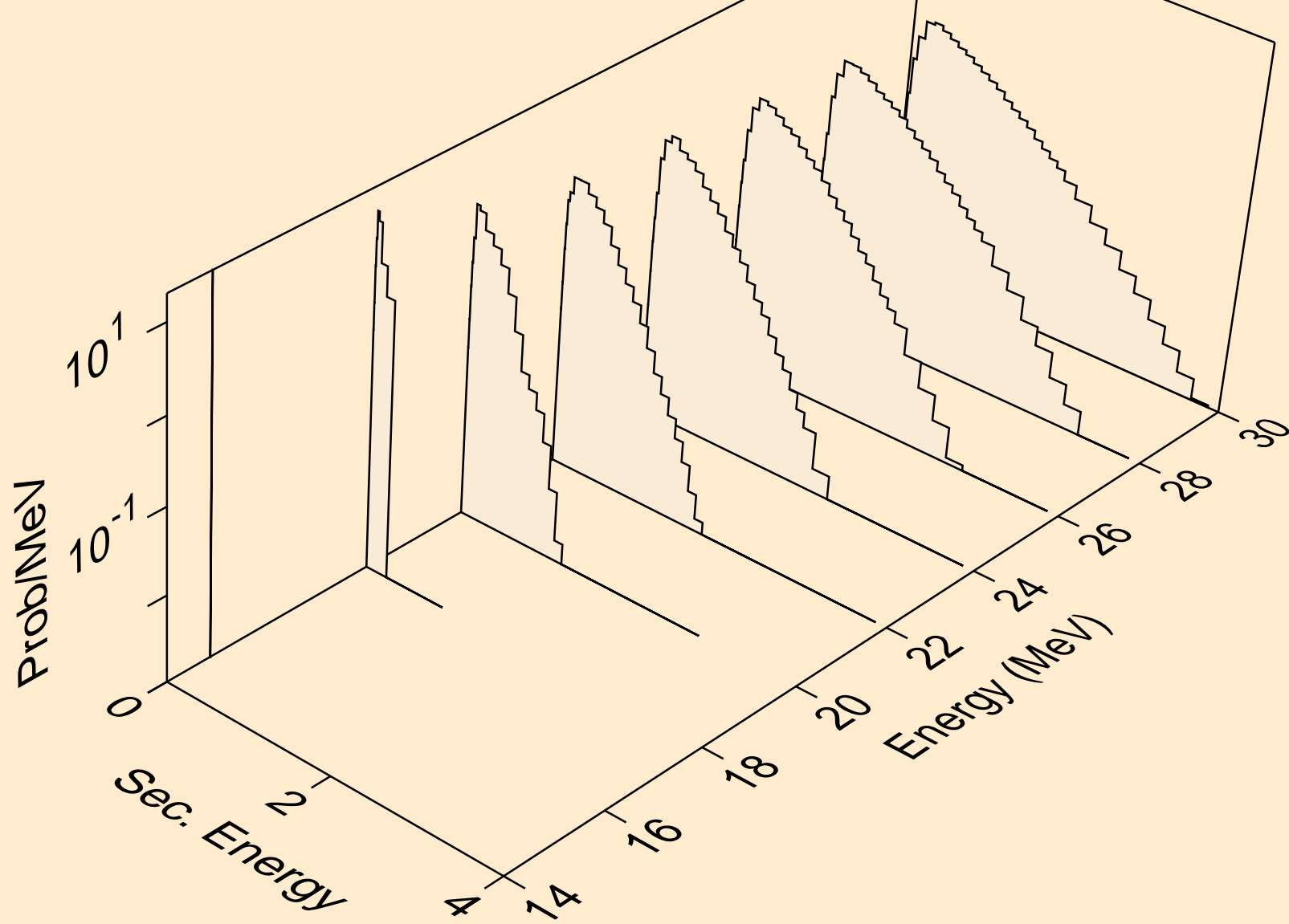




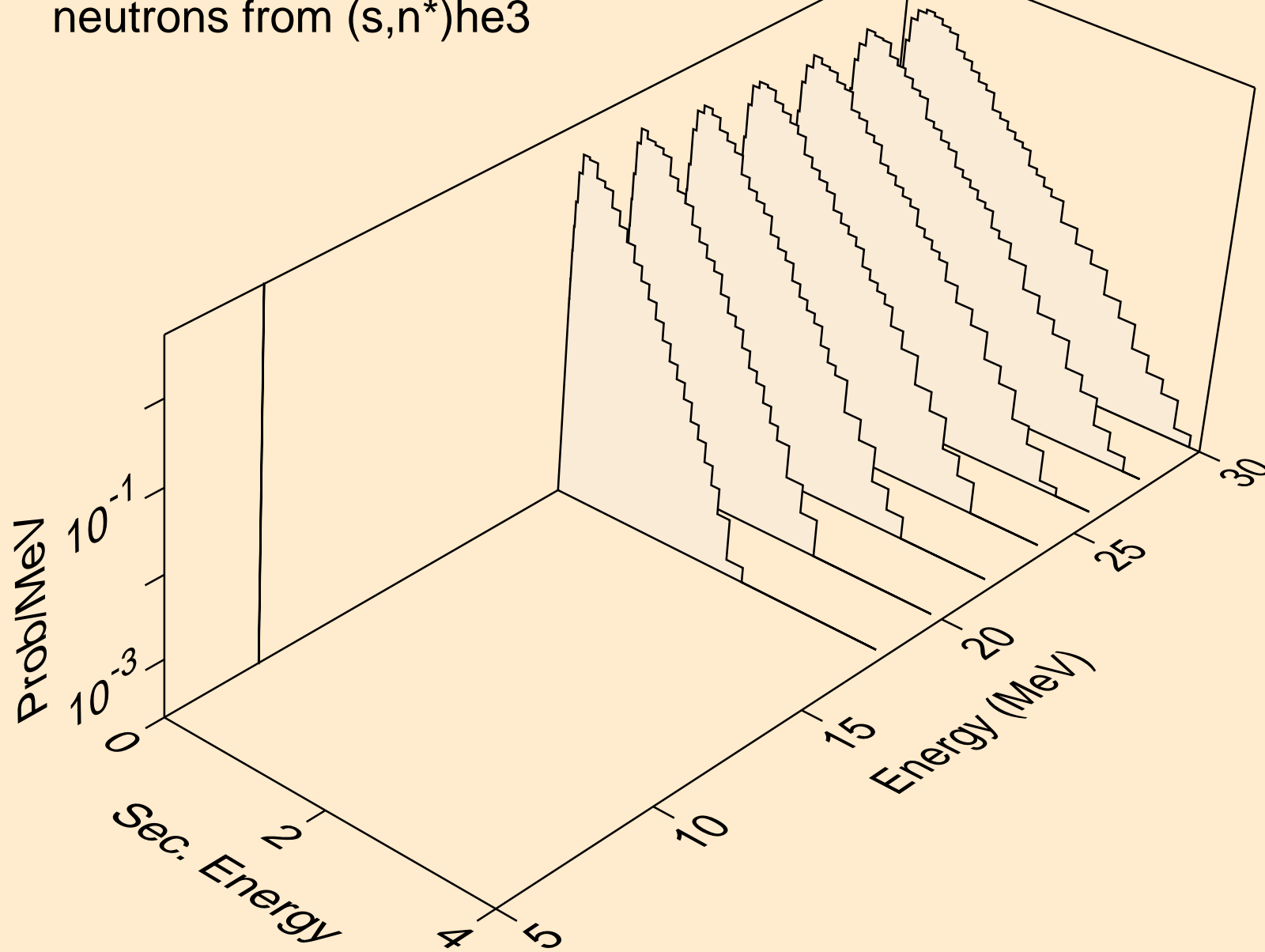
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



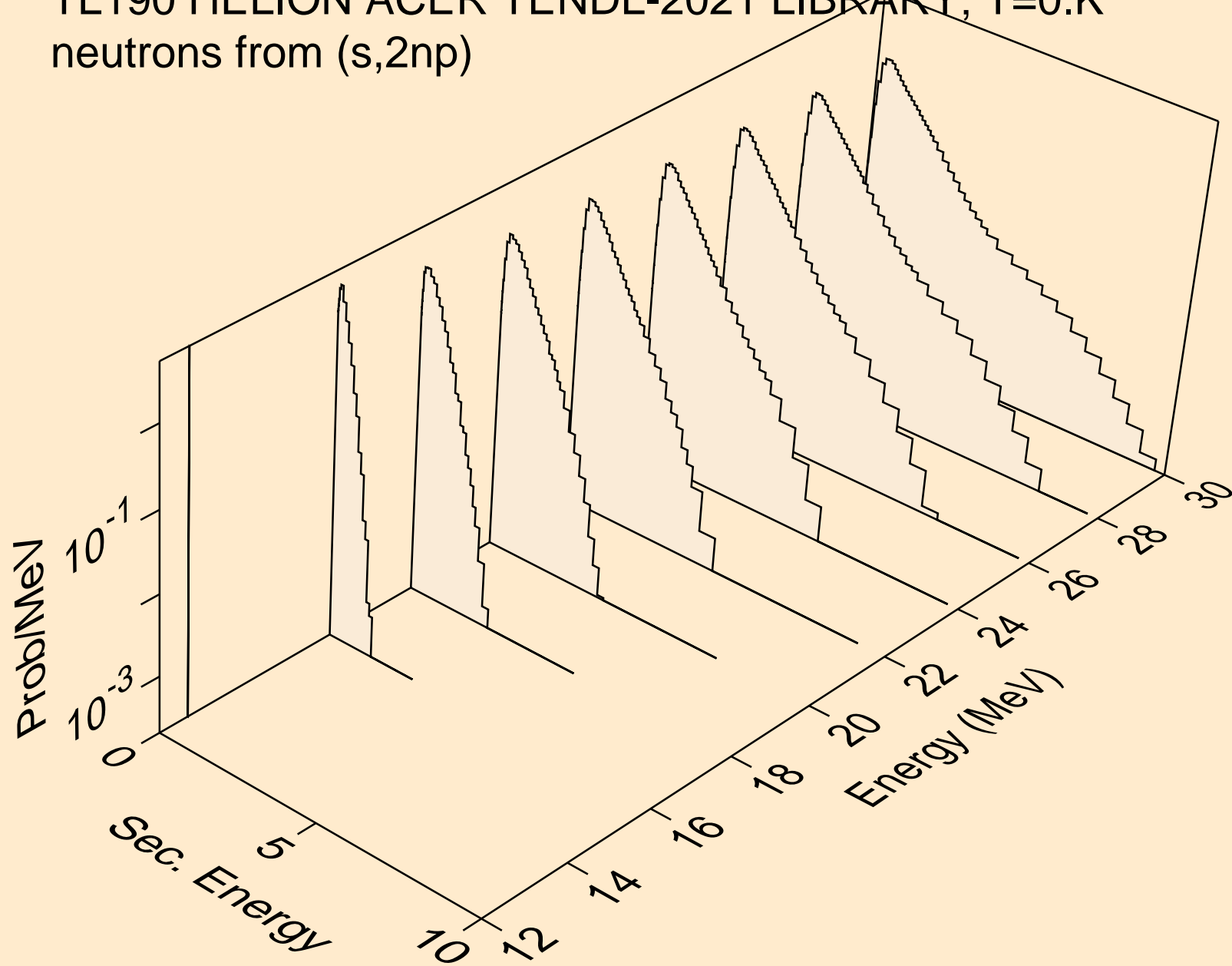
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



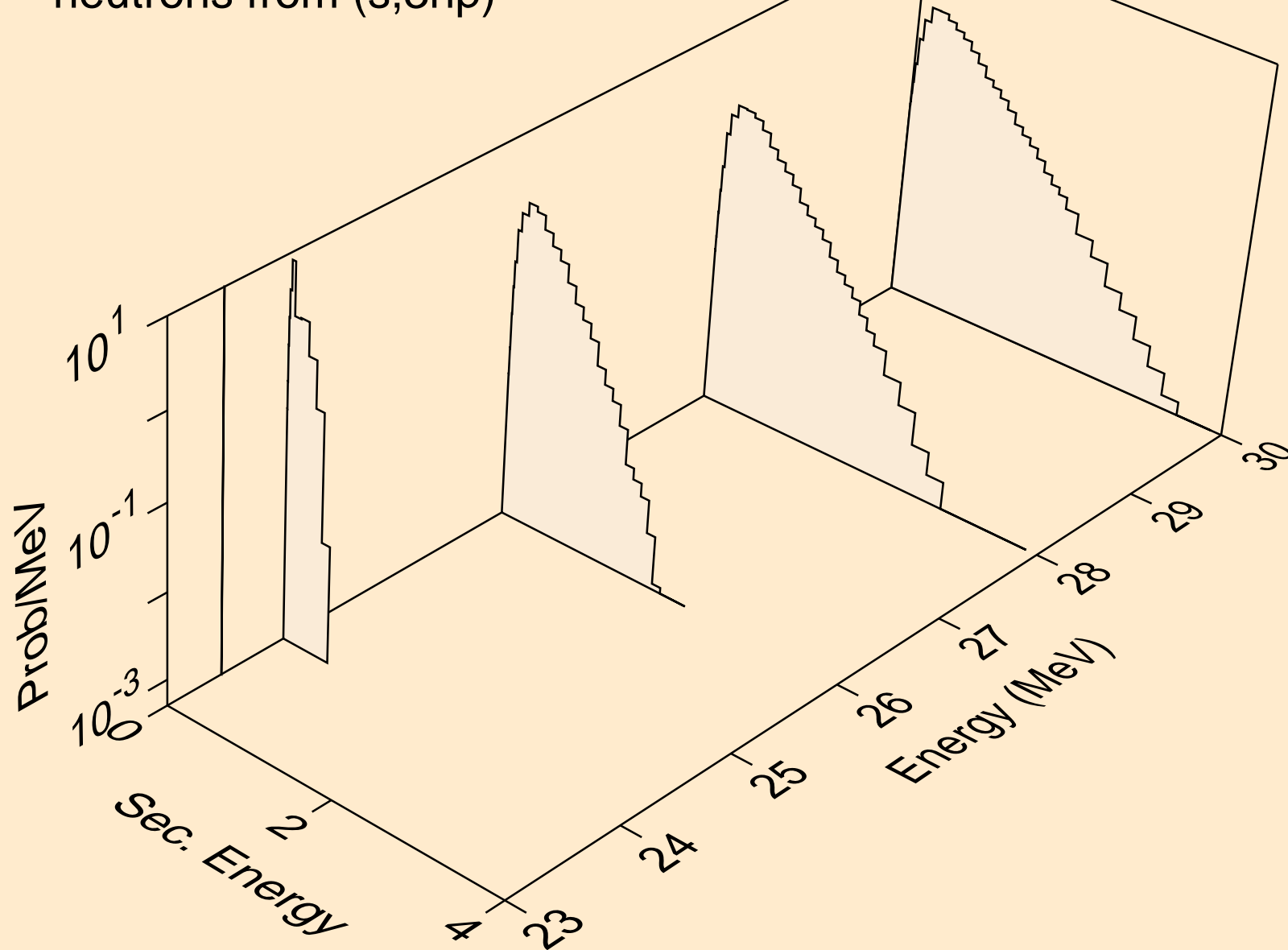
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



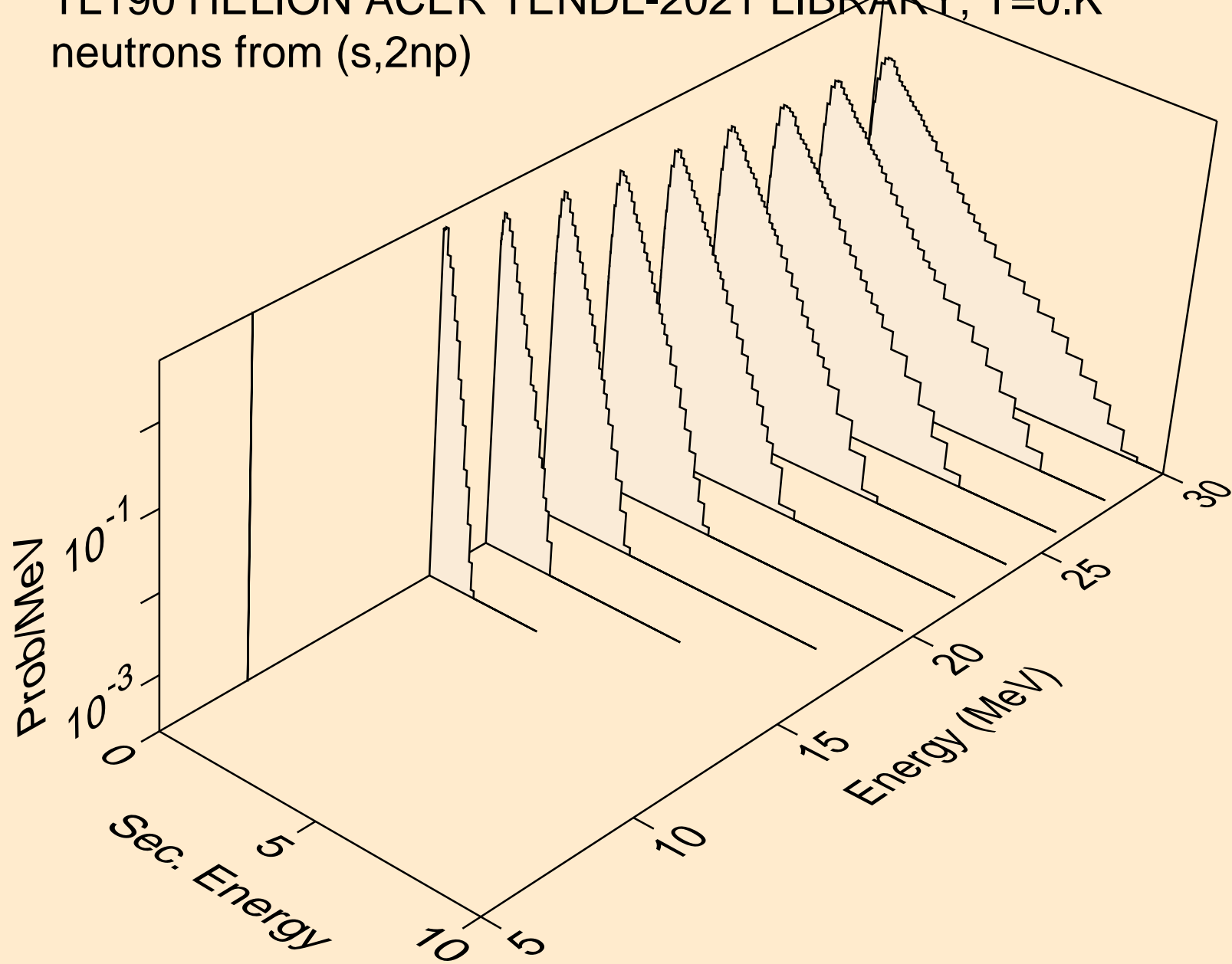
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



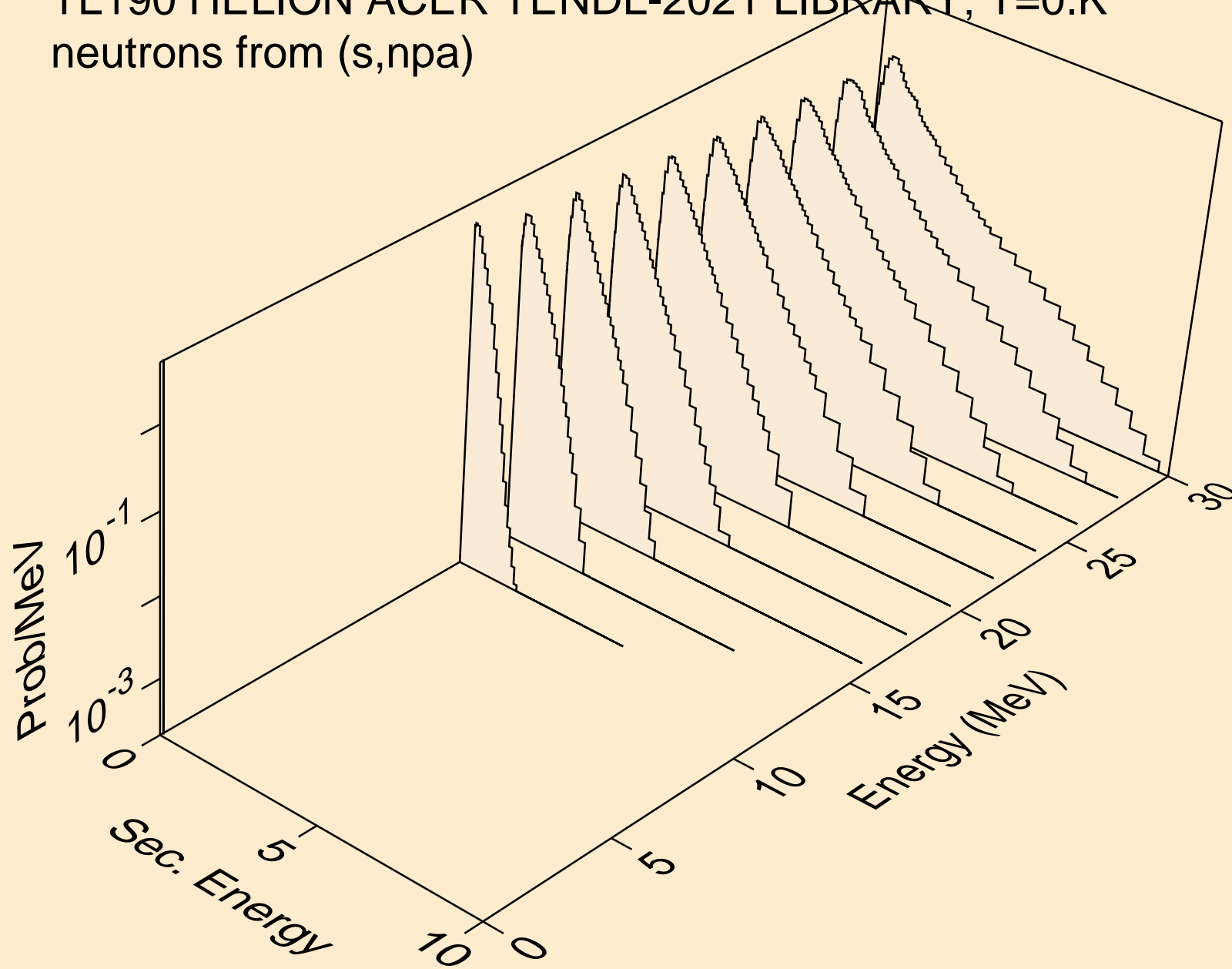
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



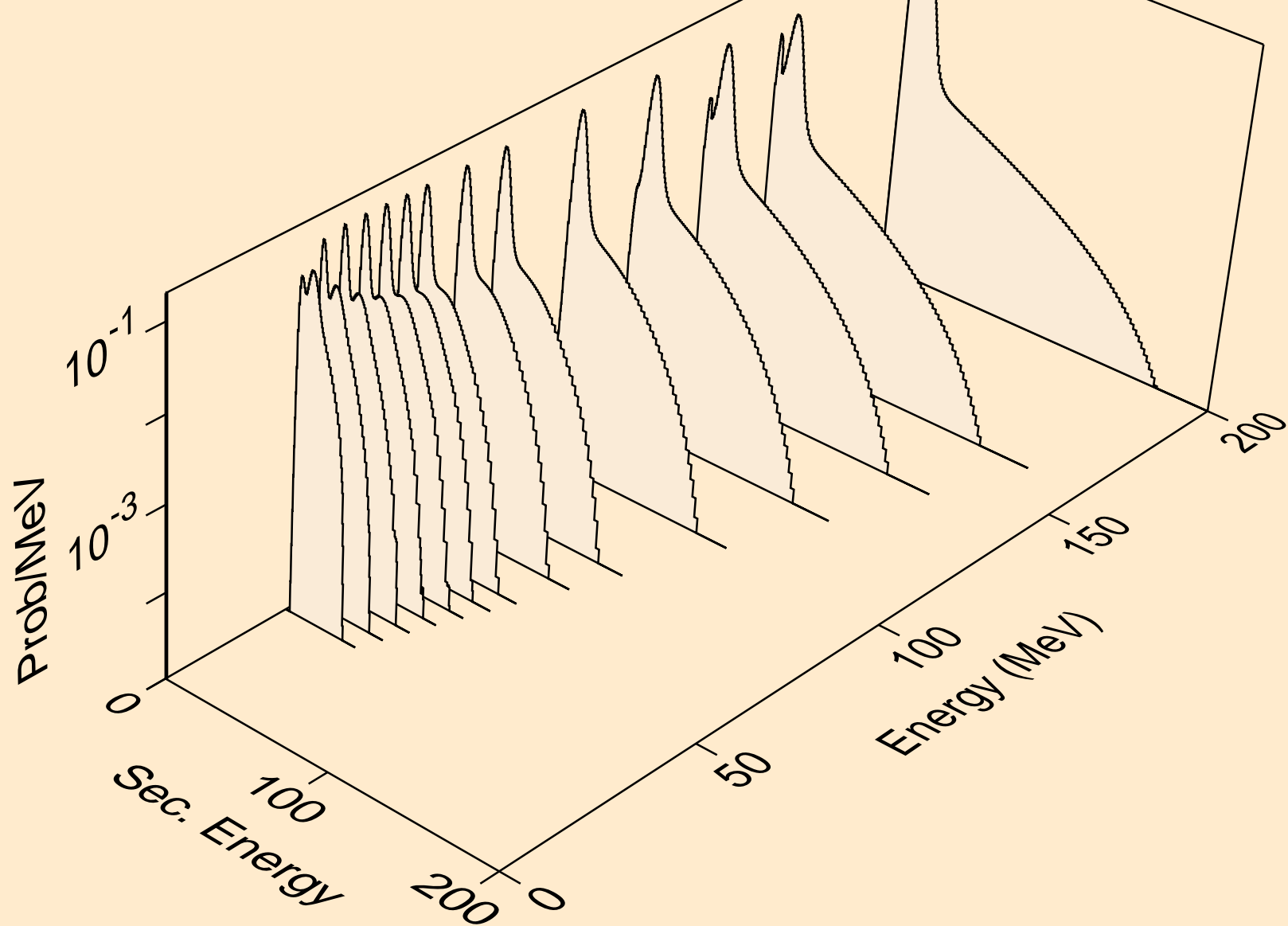
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)

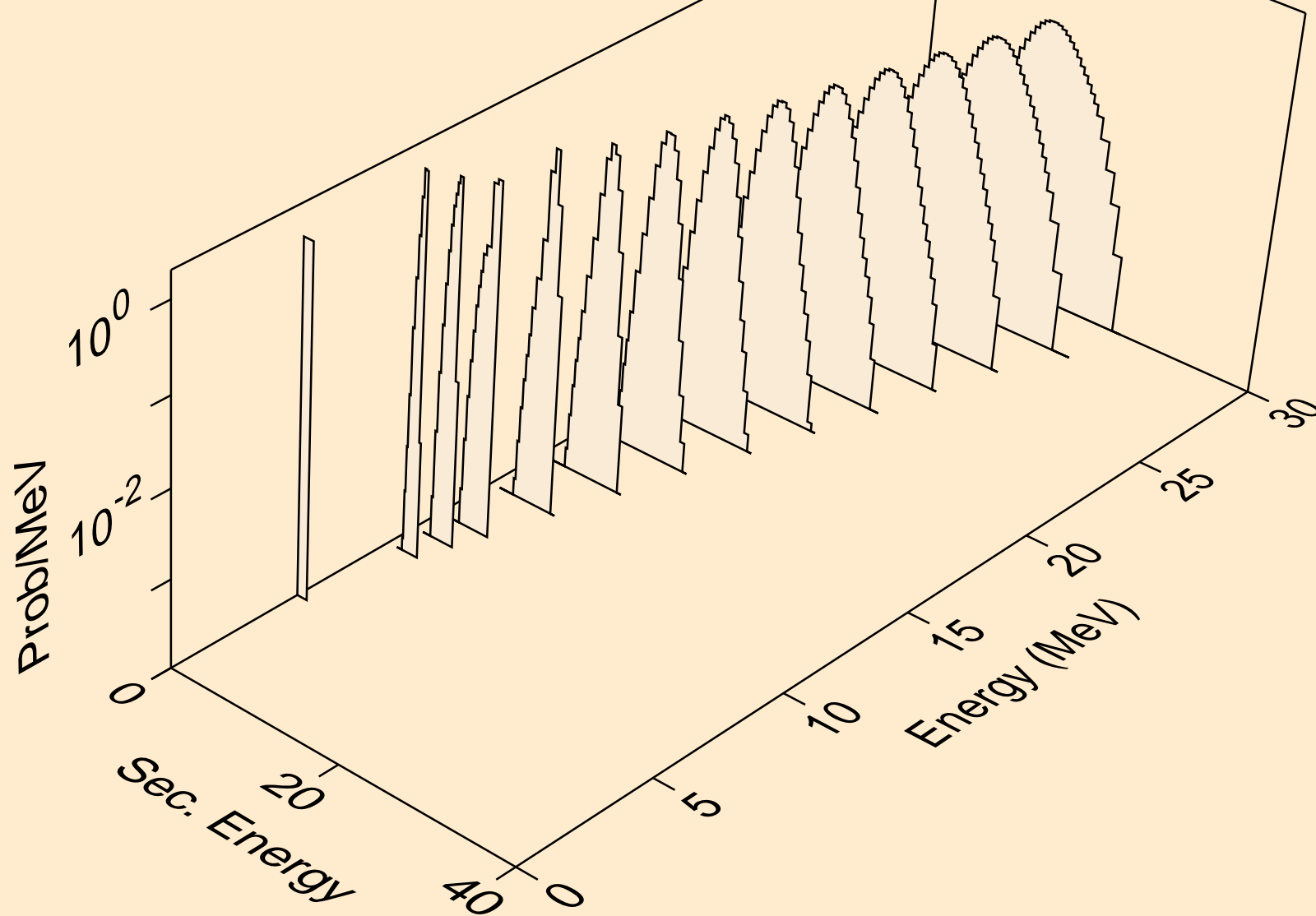


TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)

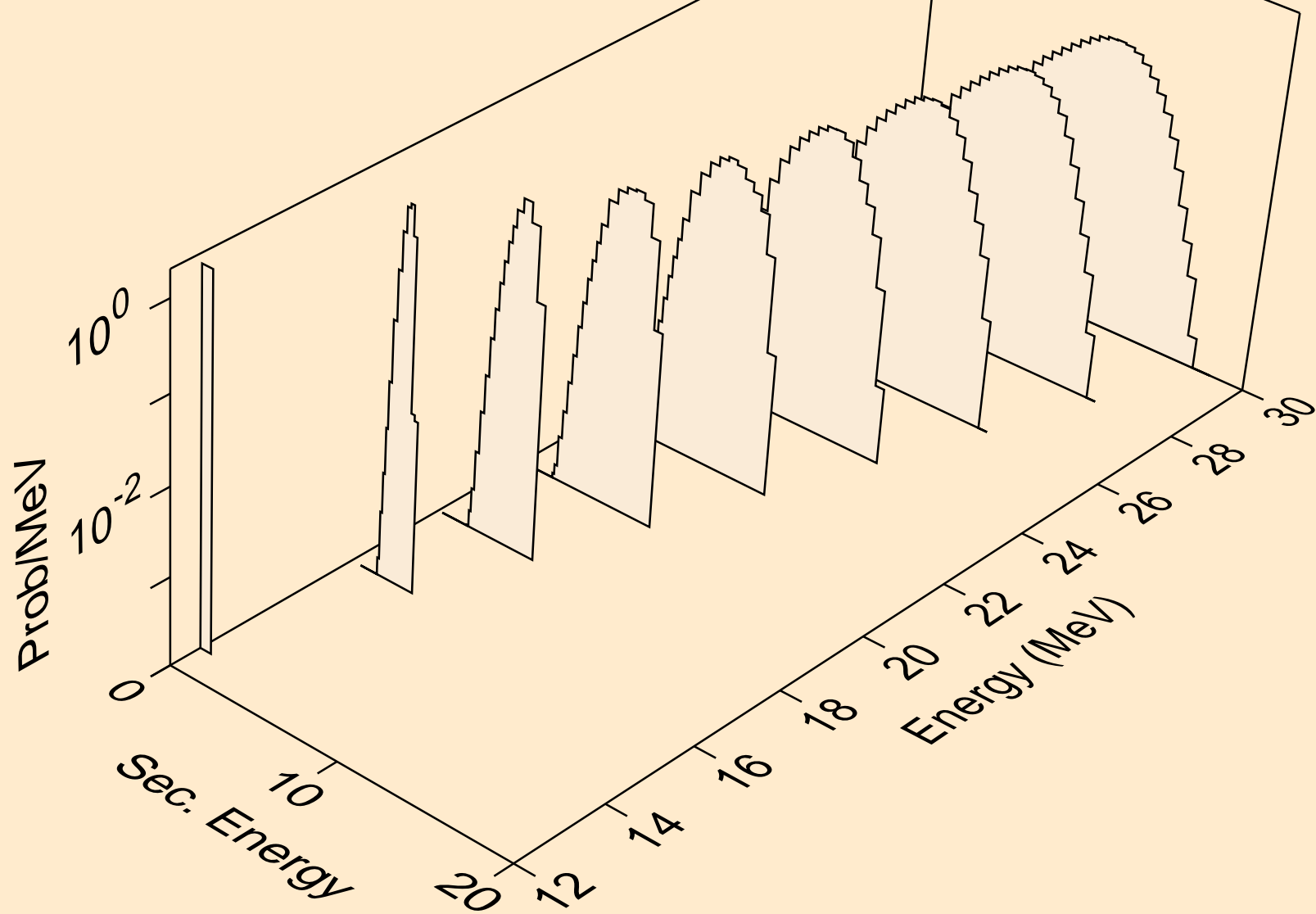




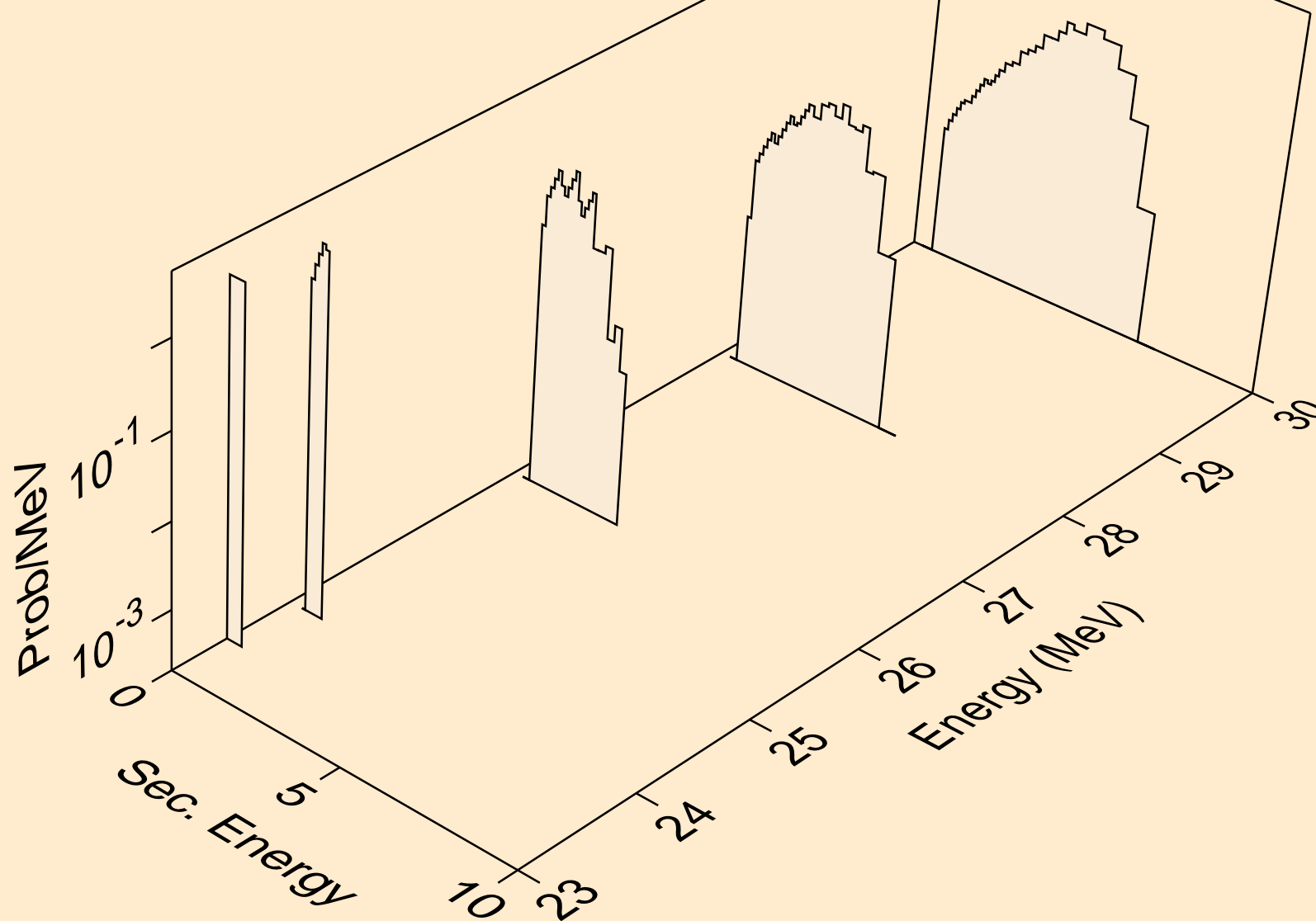
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



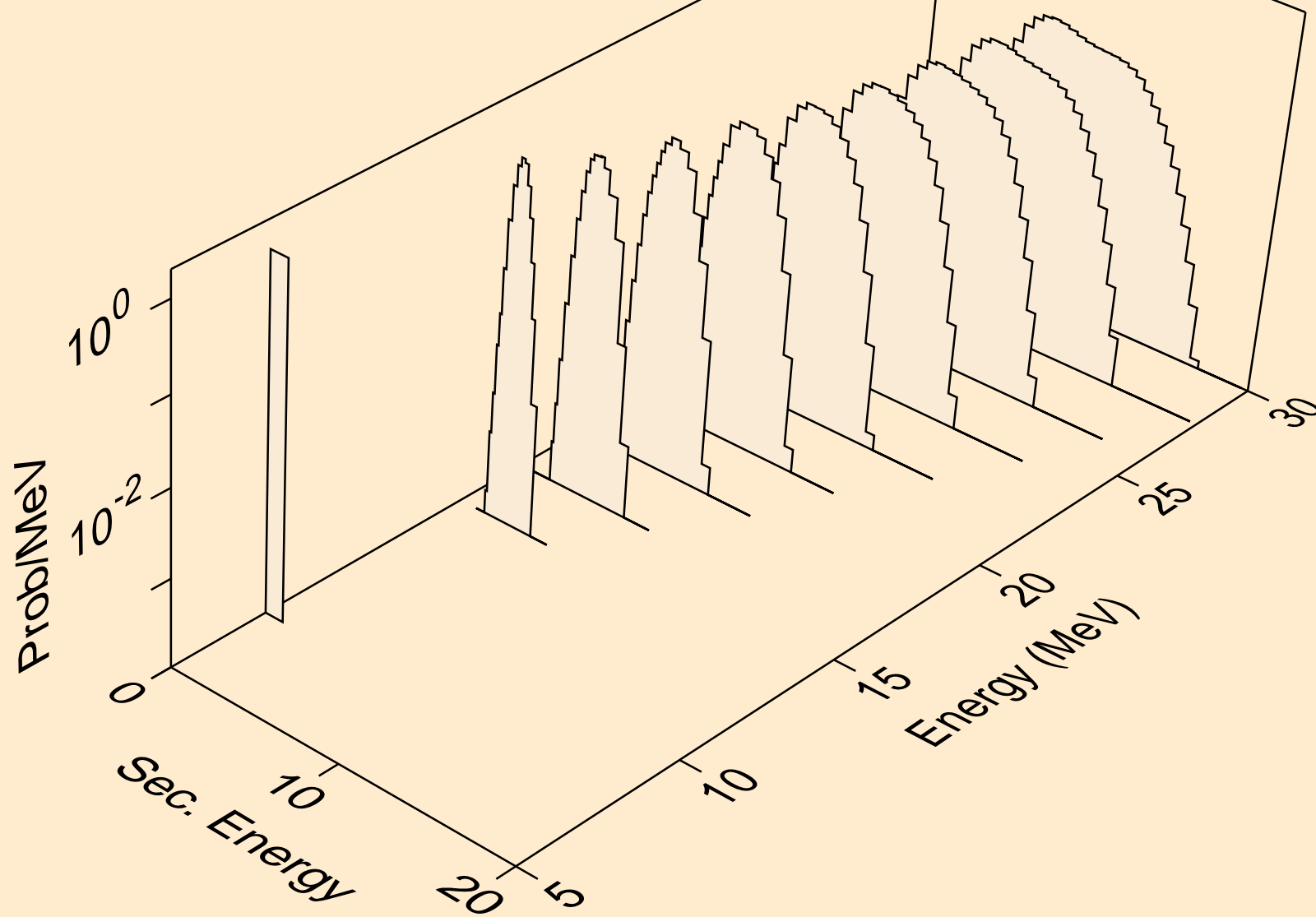
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protons from (s,2np)



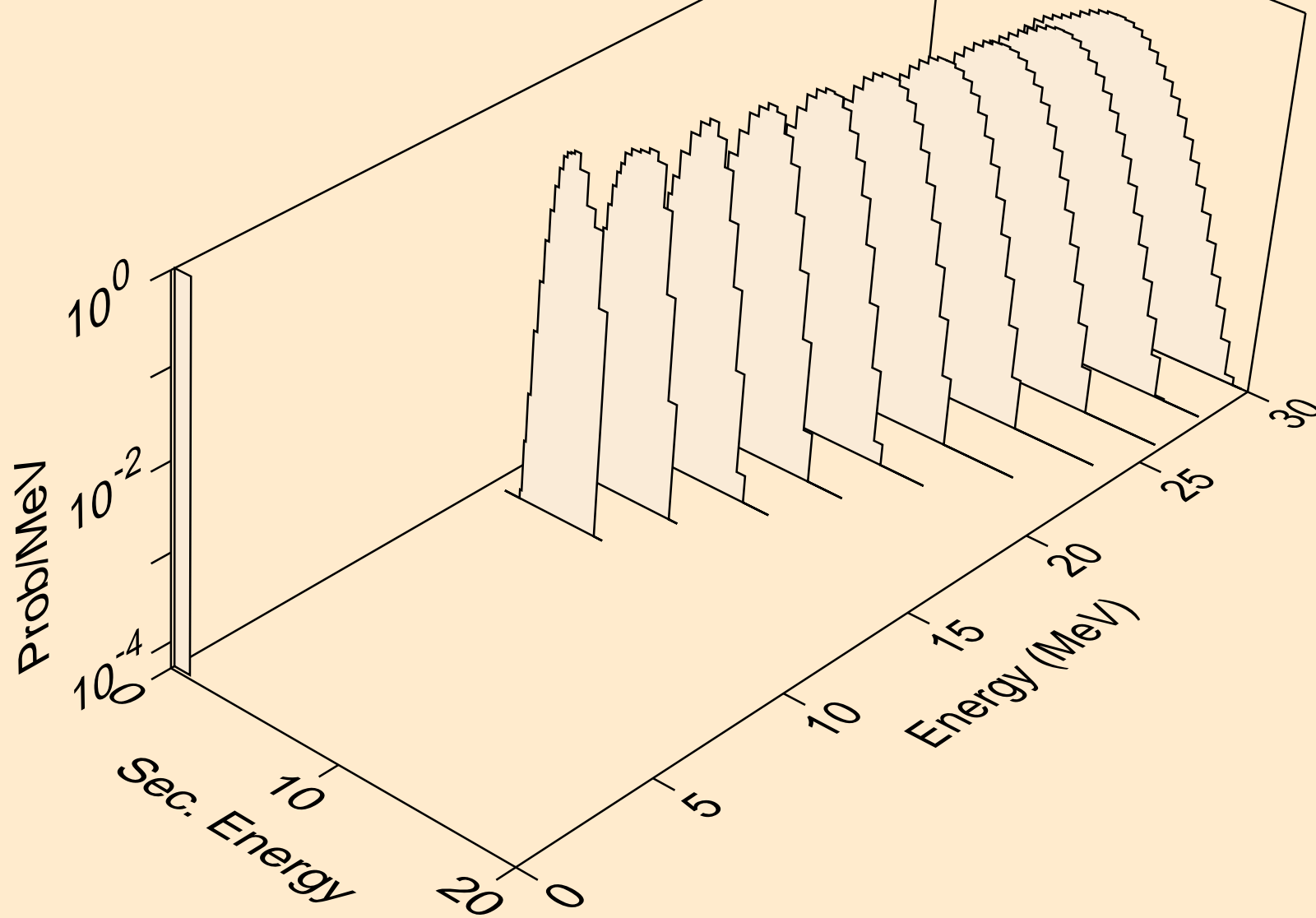
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)



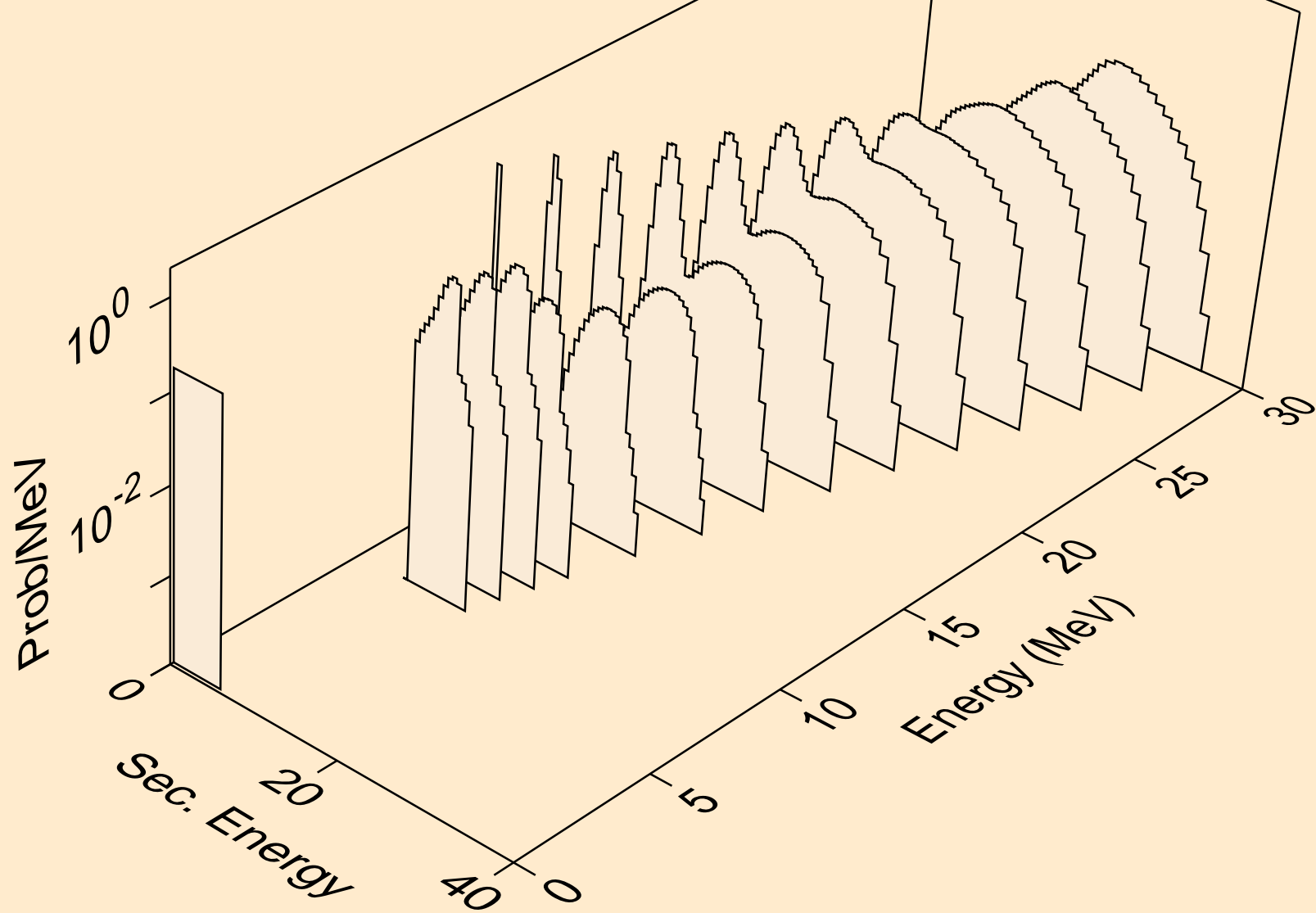
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



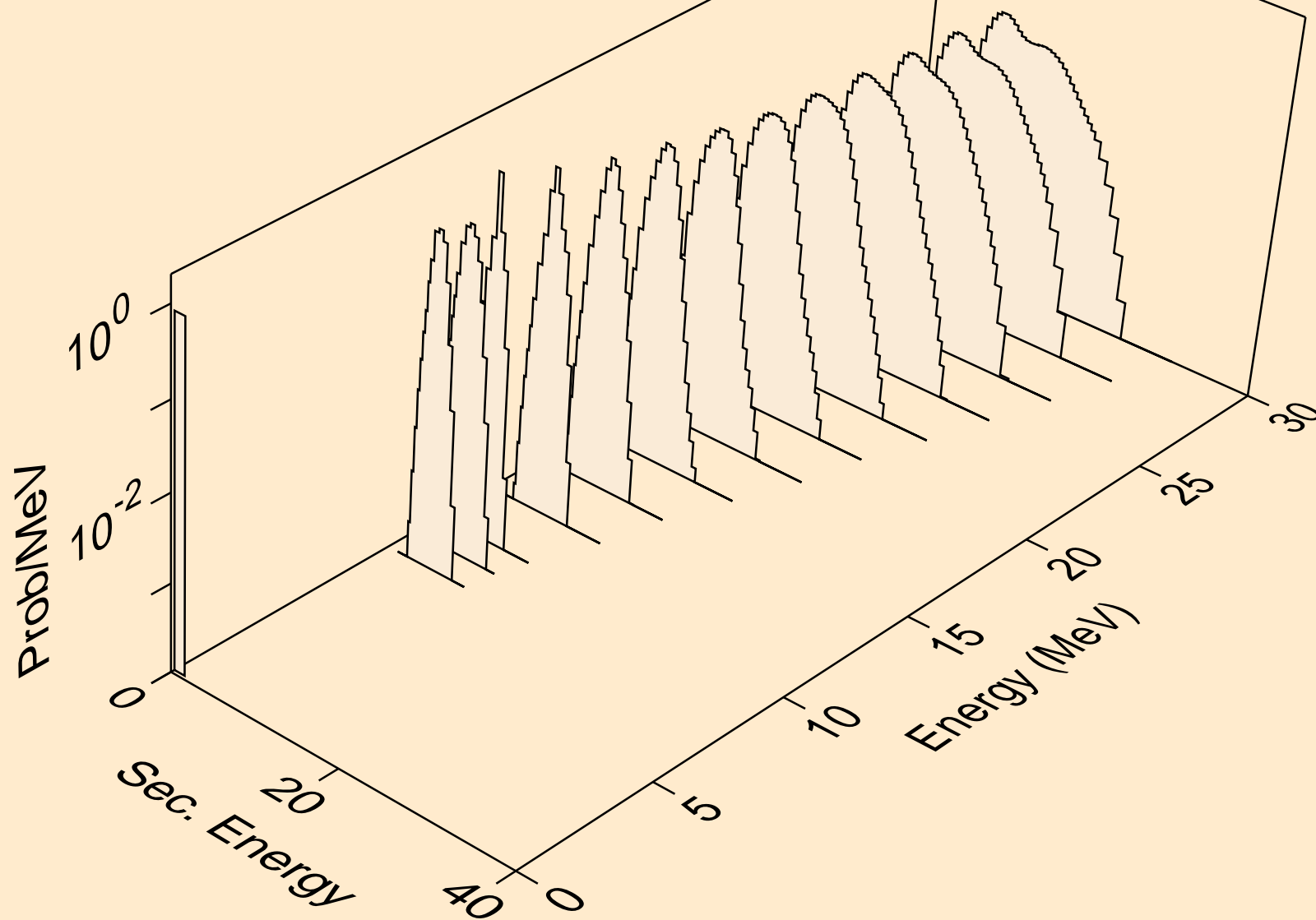
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



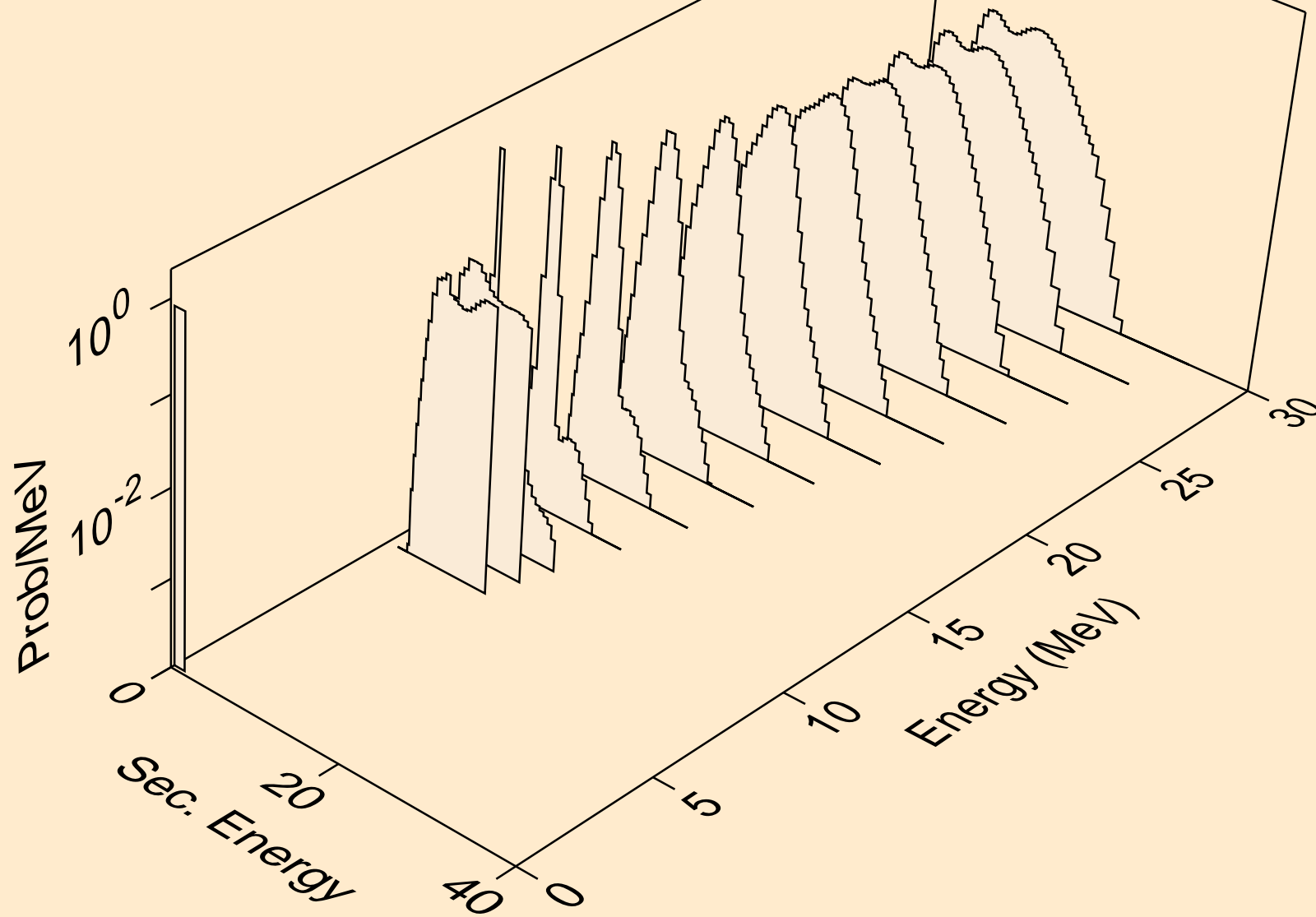
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)

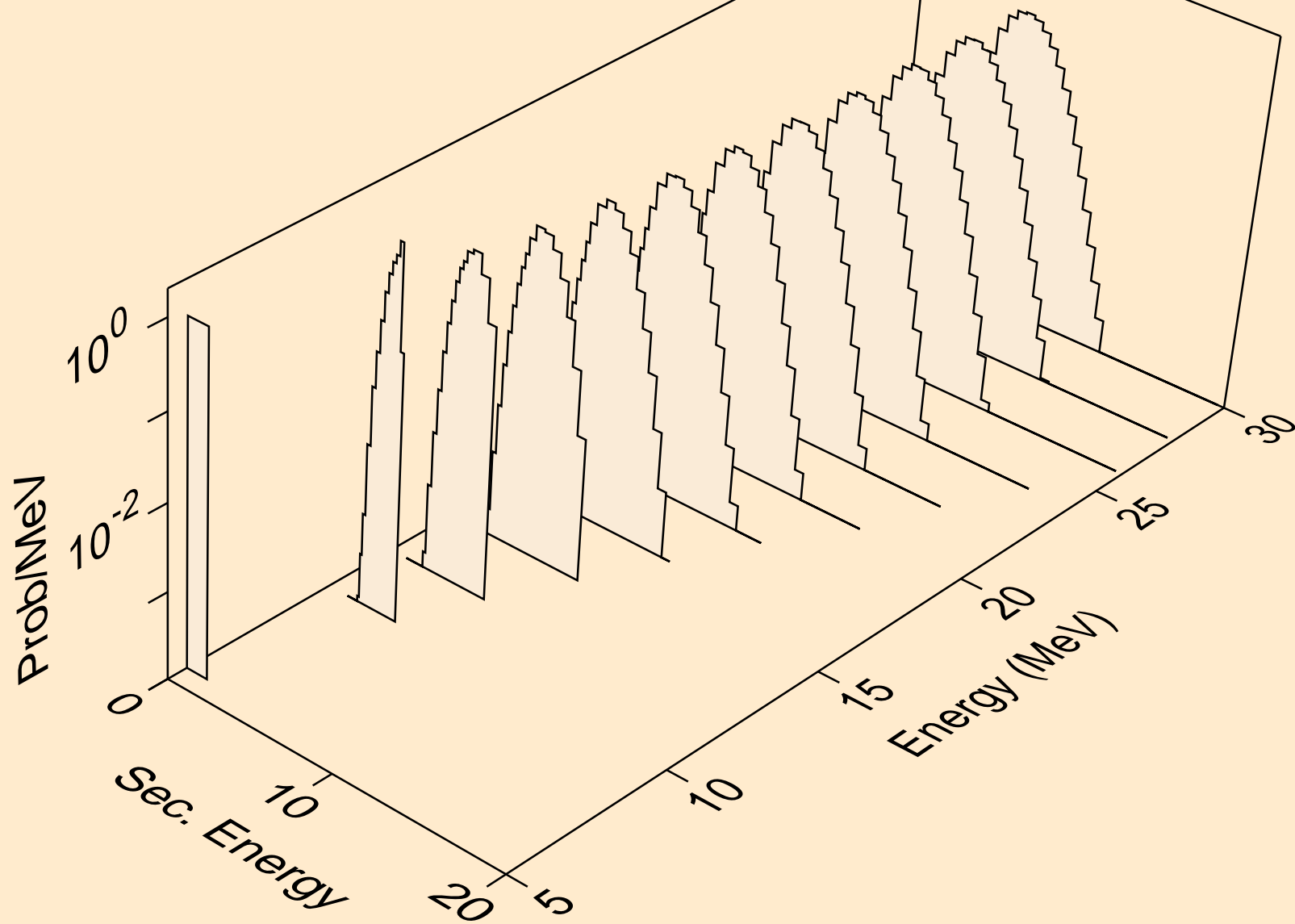


TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)

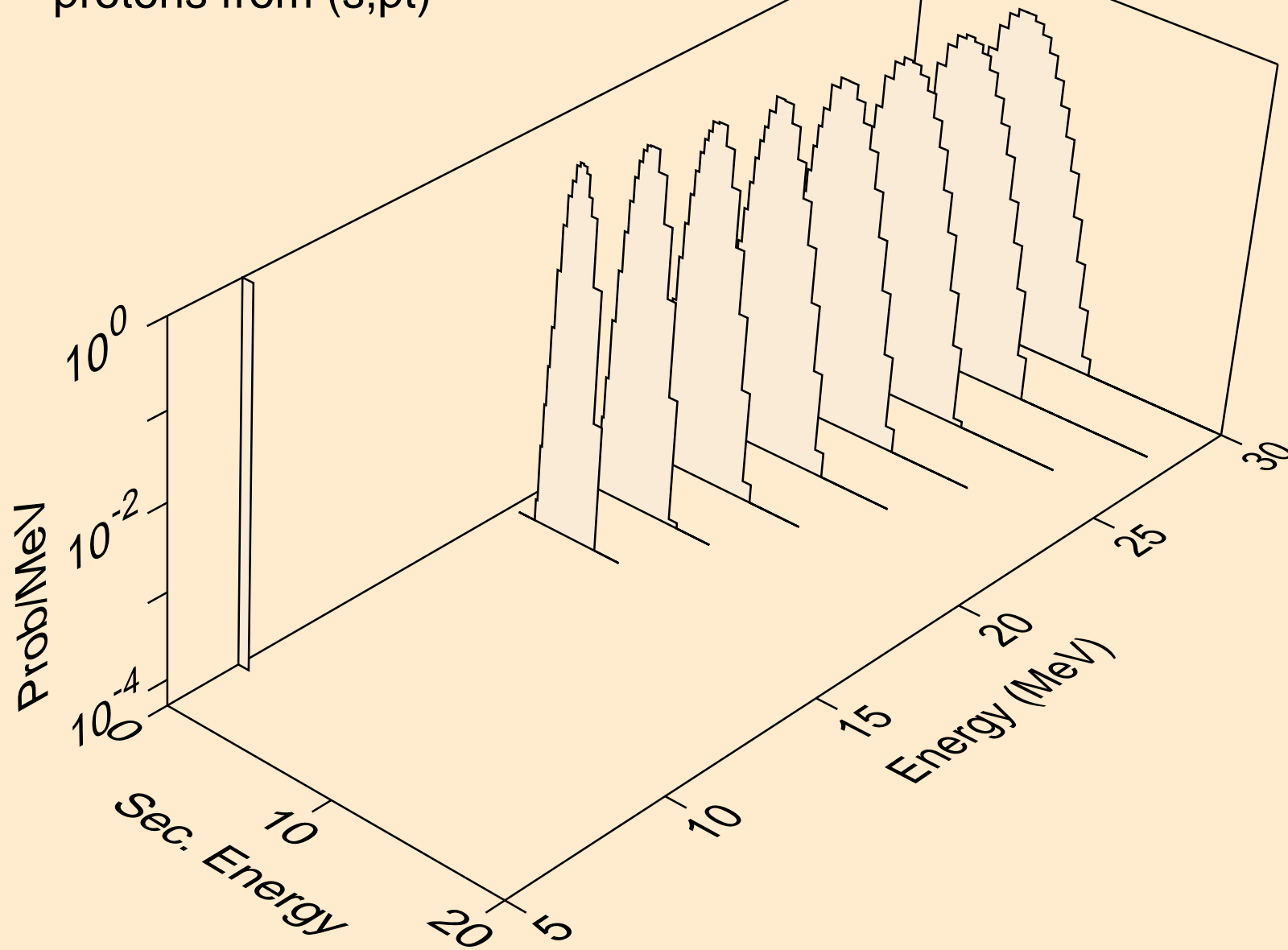




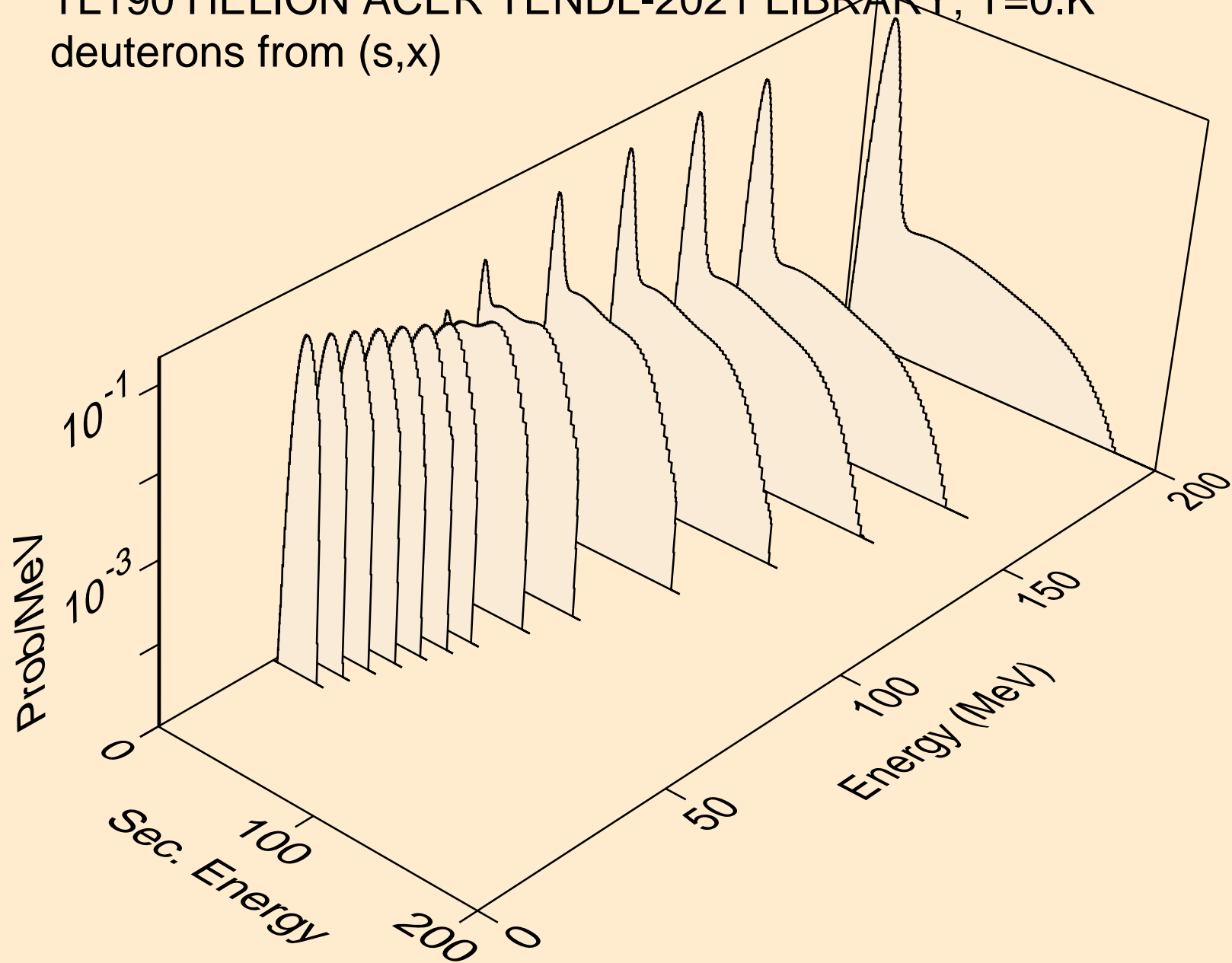
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



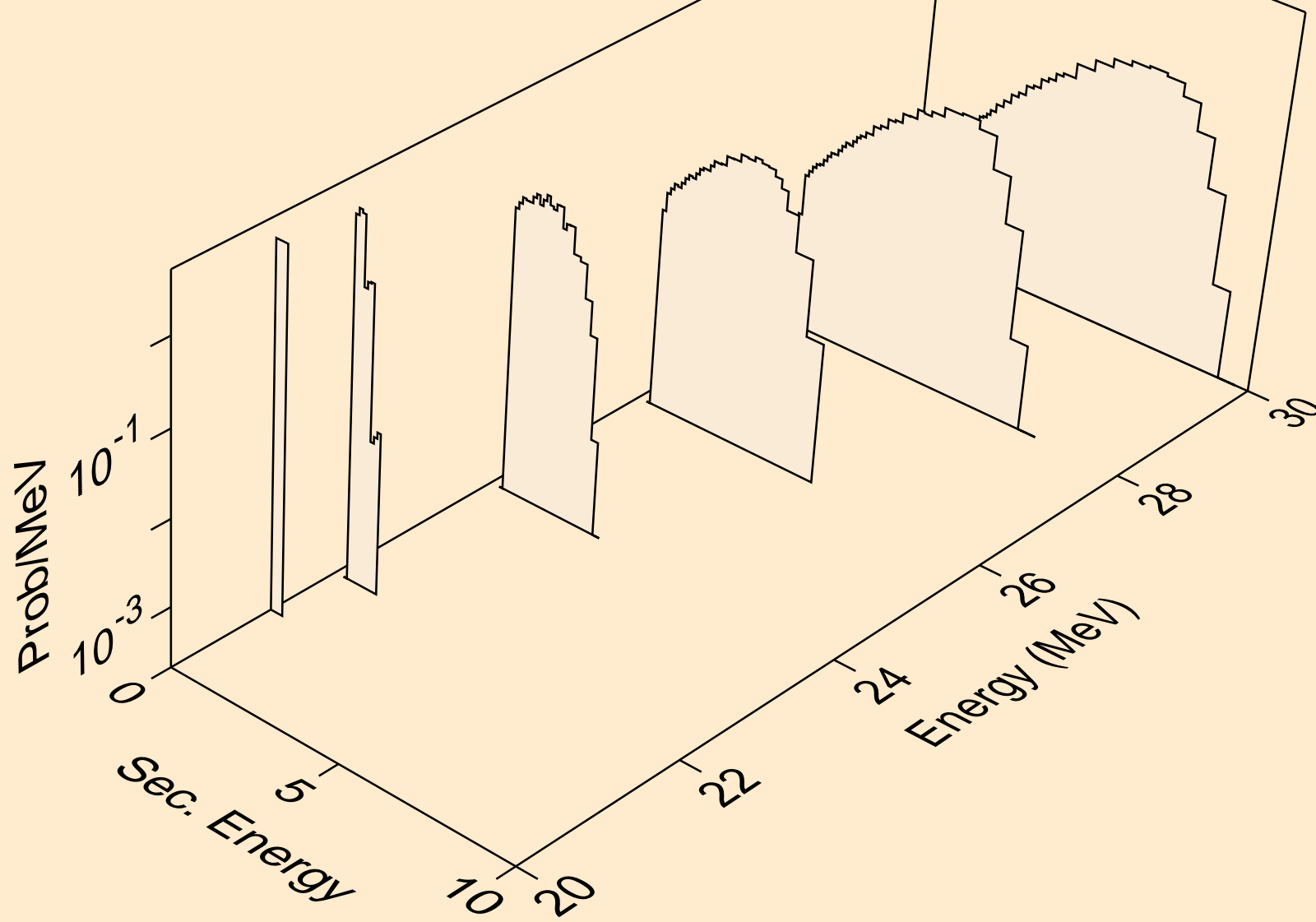
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



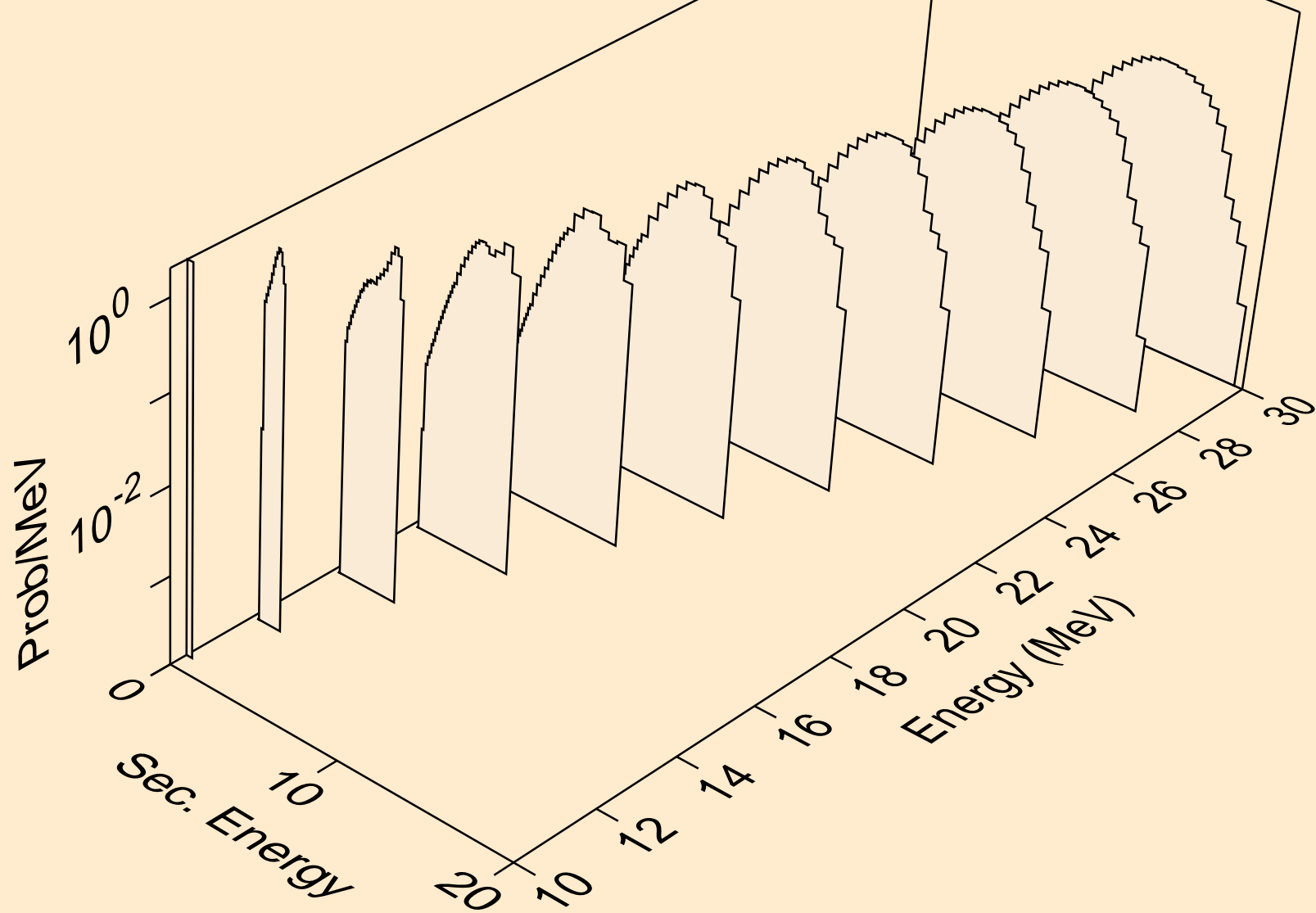
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



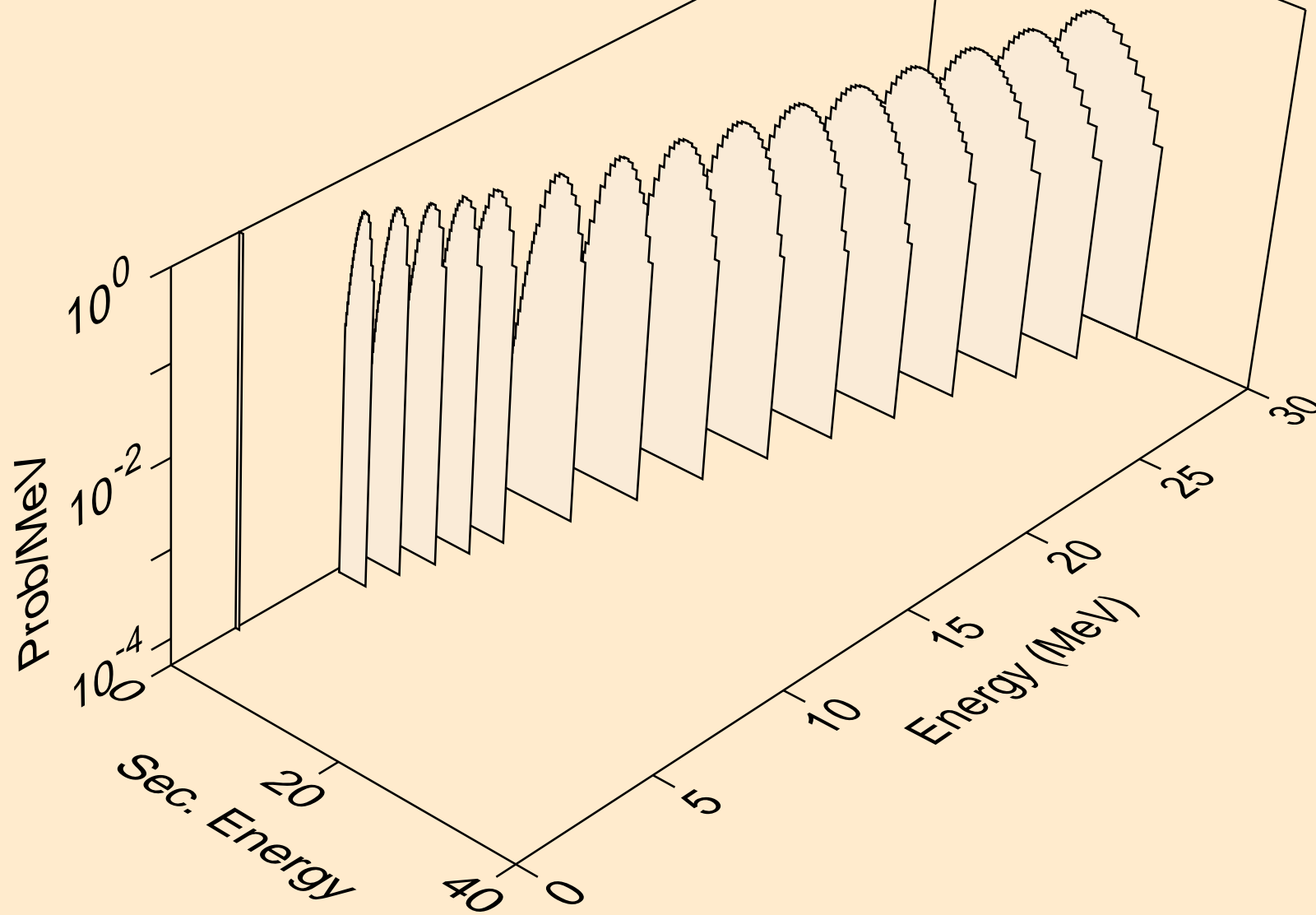
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)



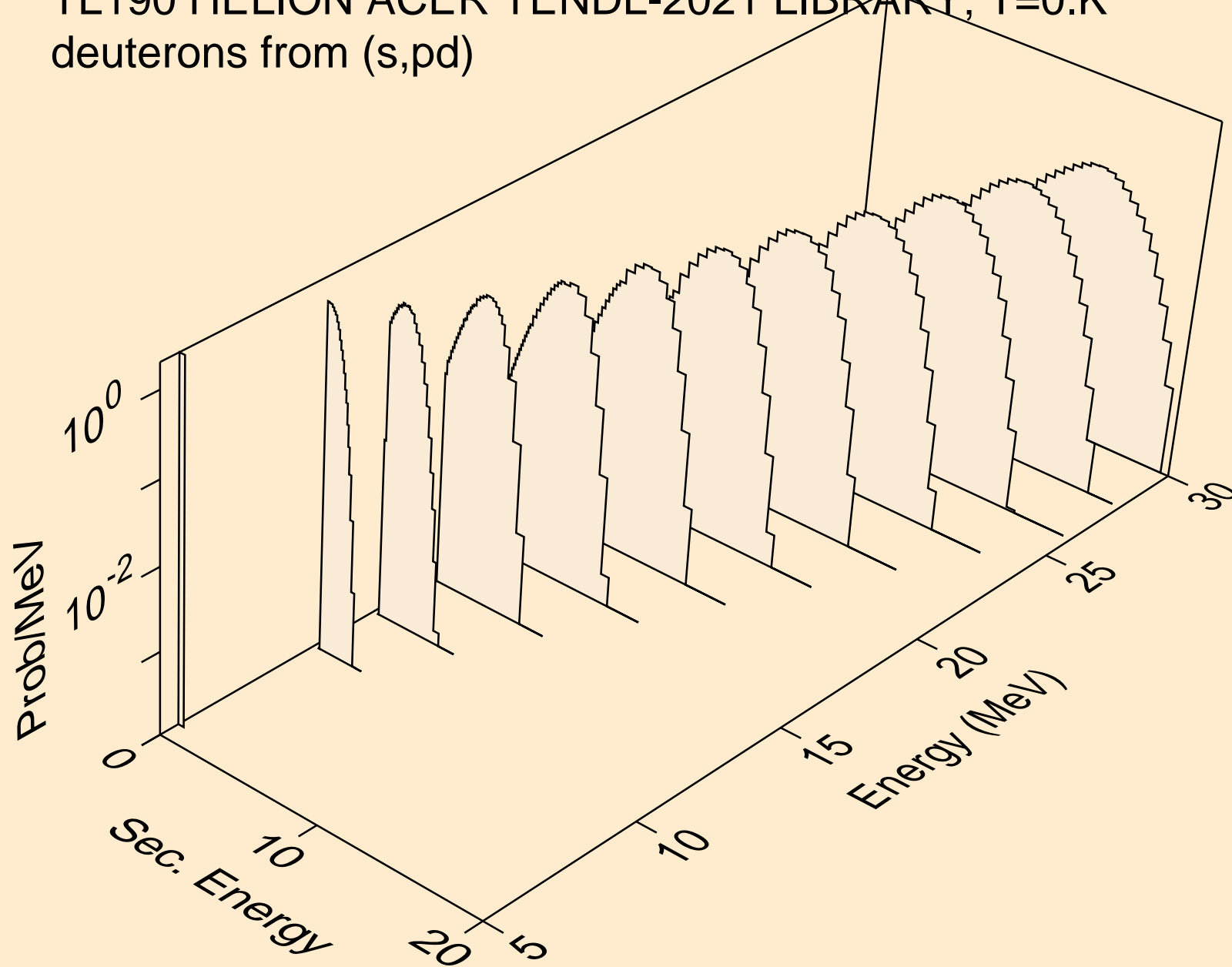
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



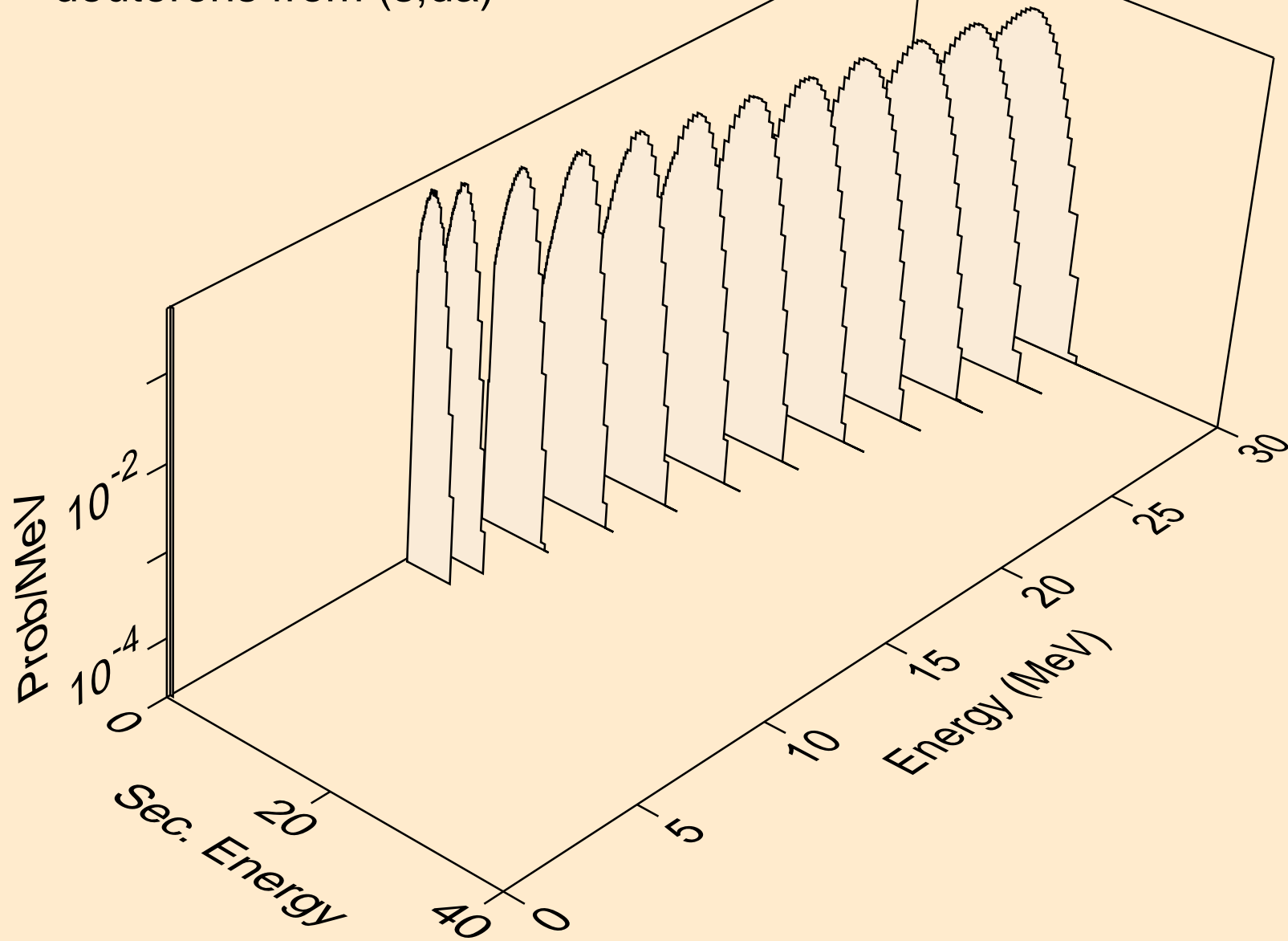
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)

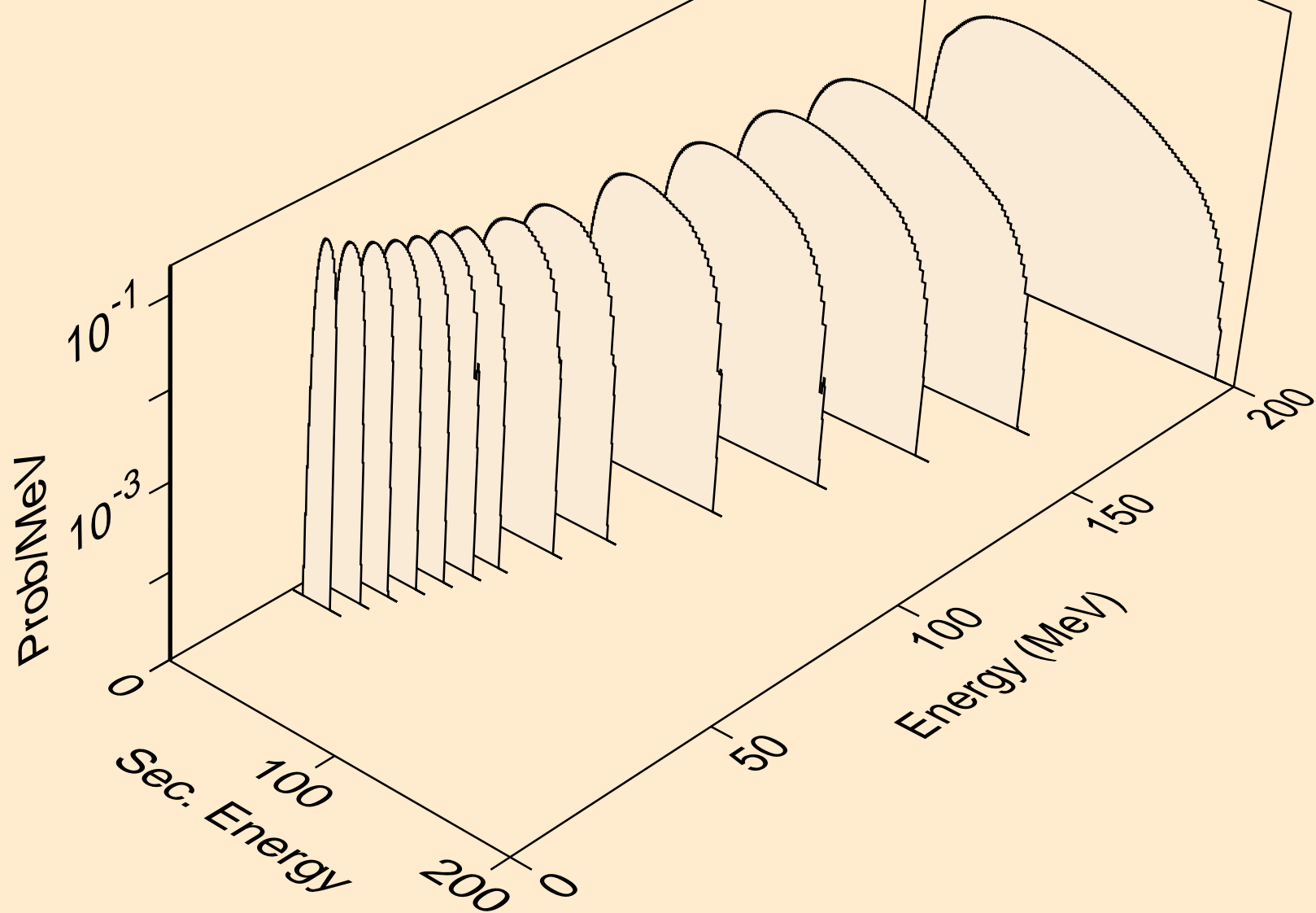


TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)

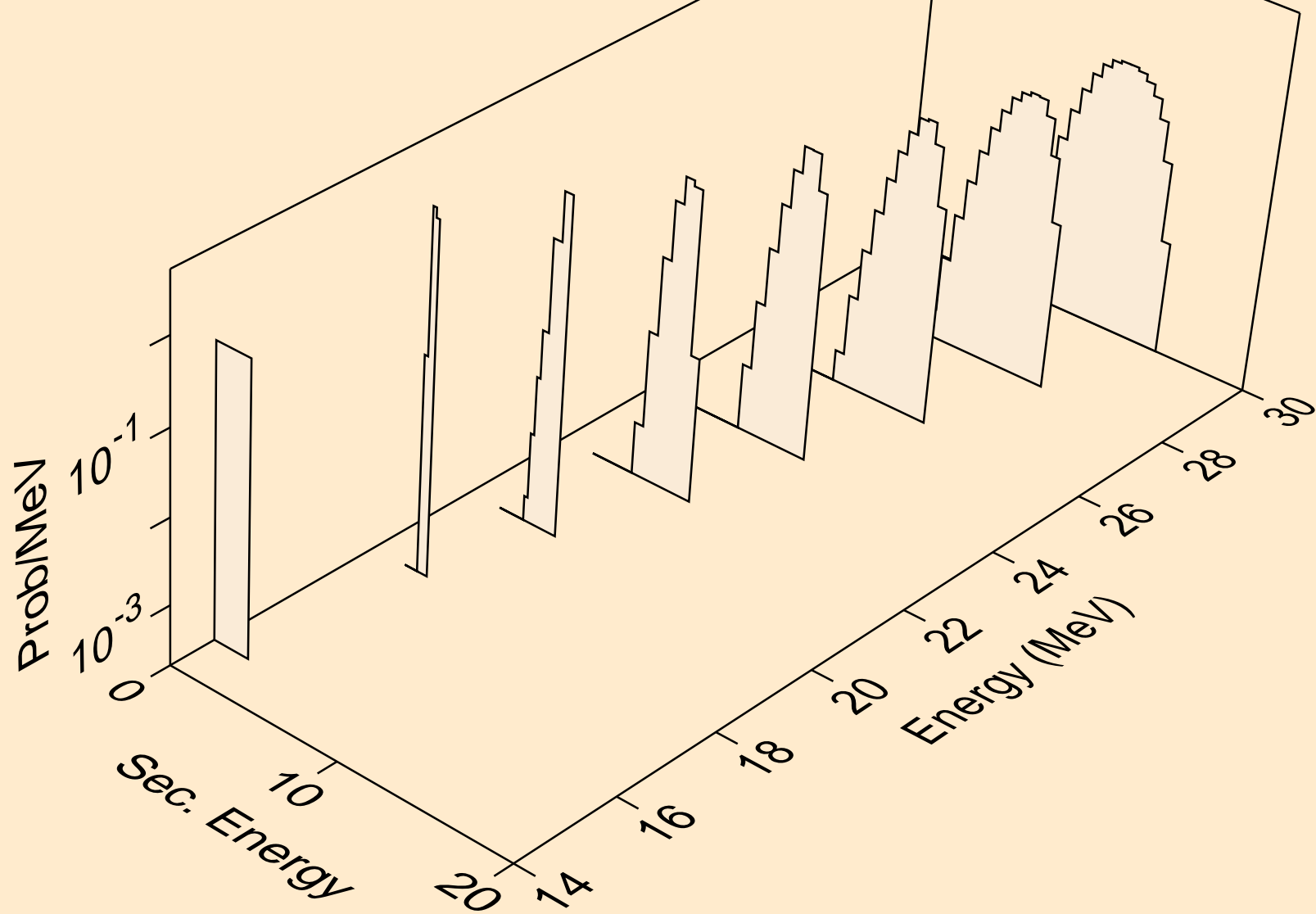




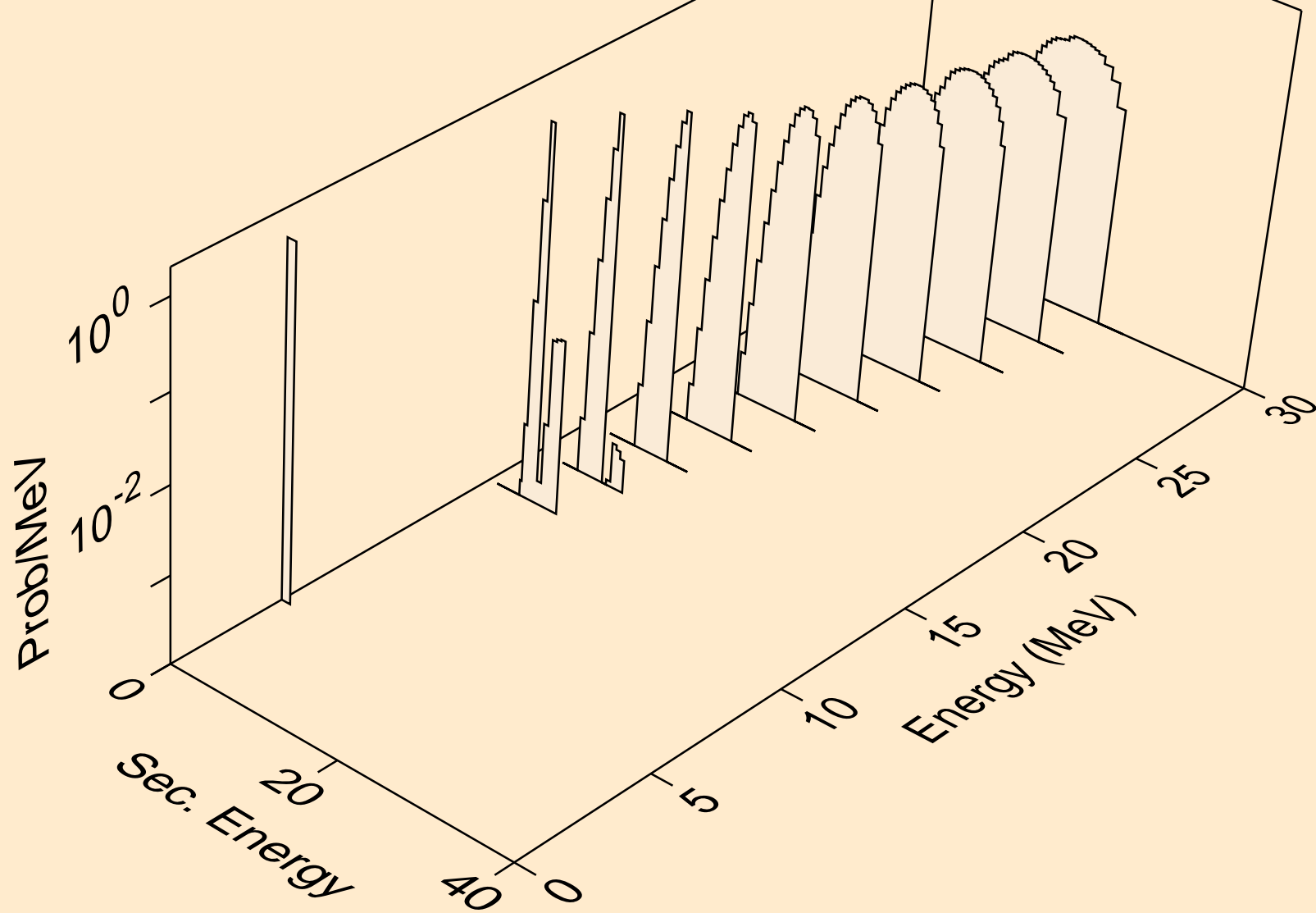
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



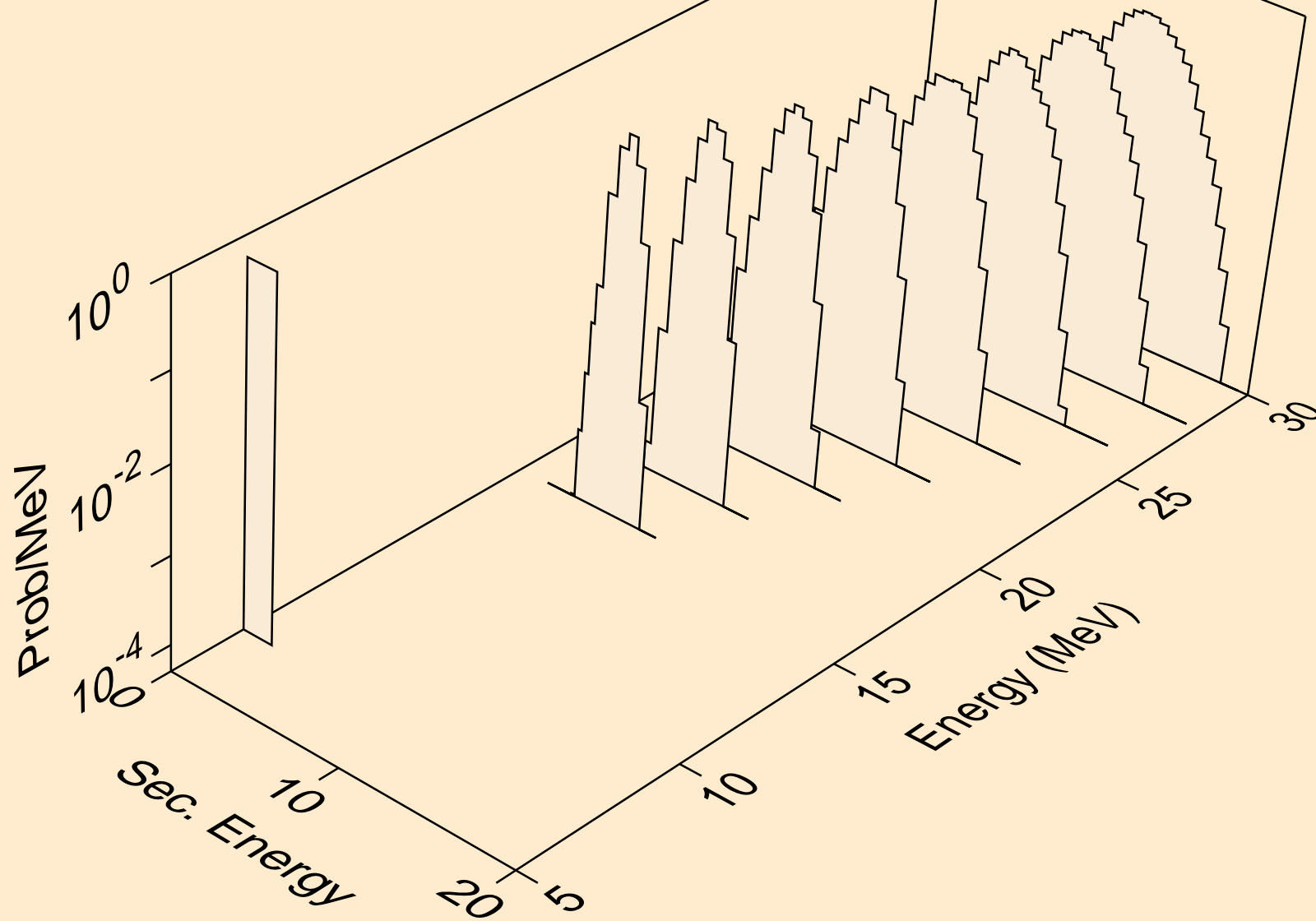
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



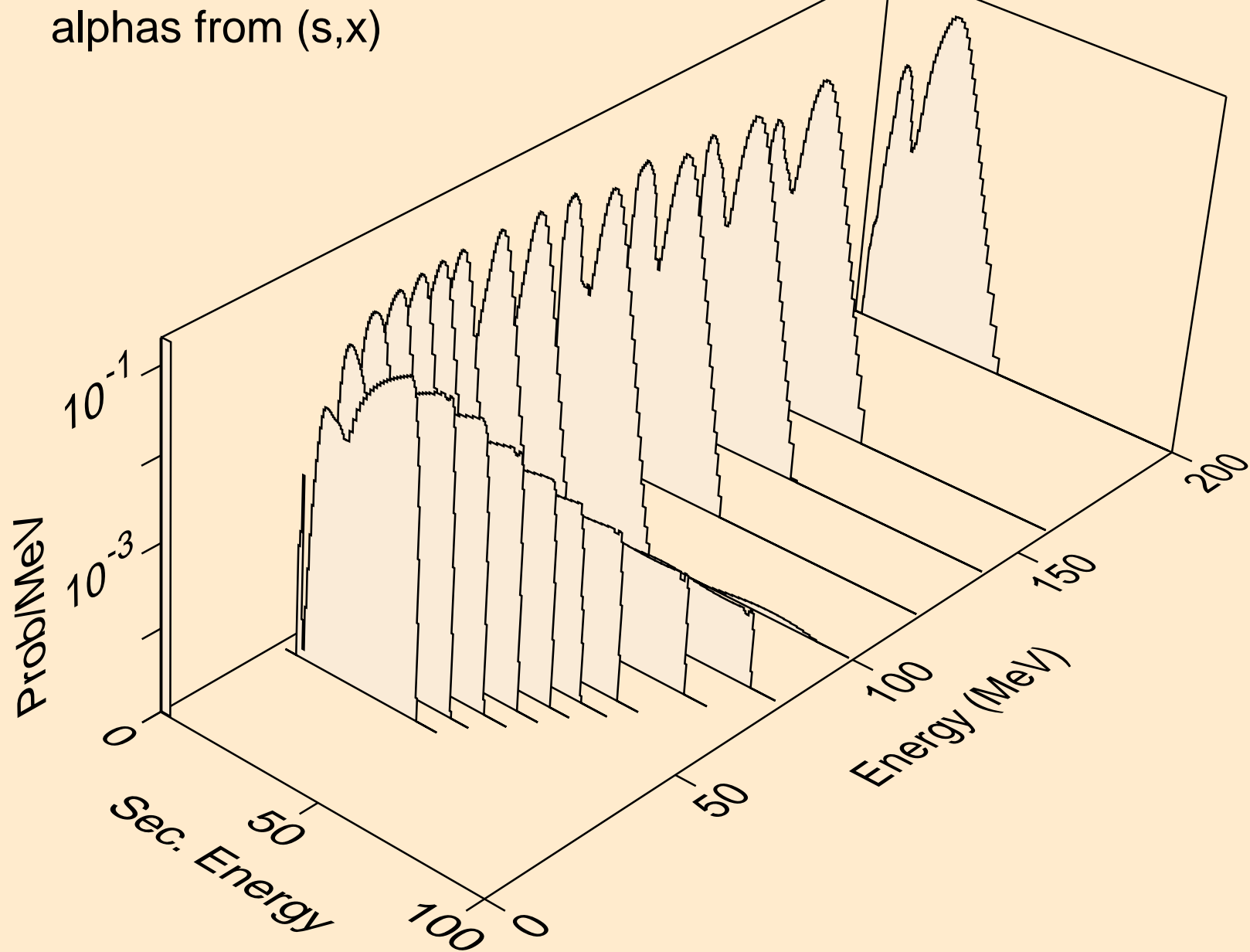
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)



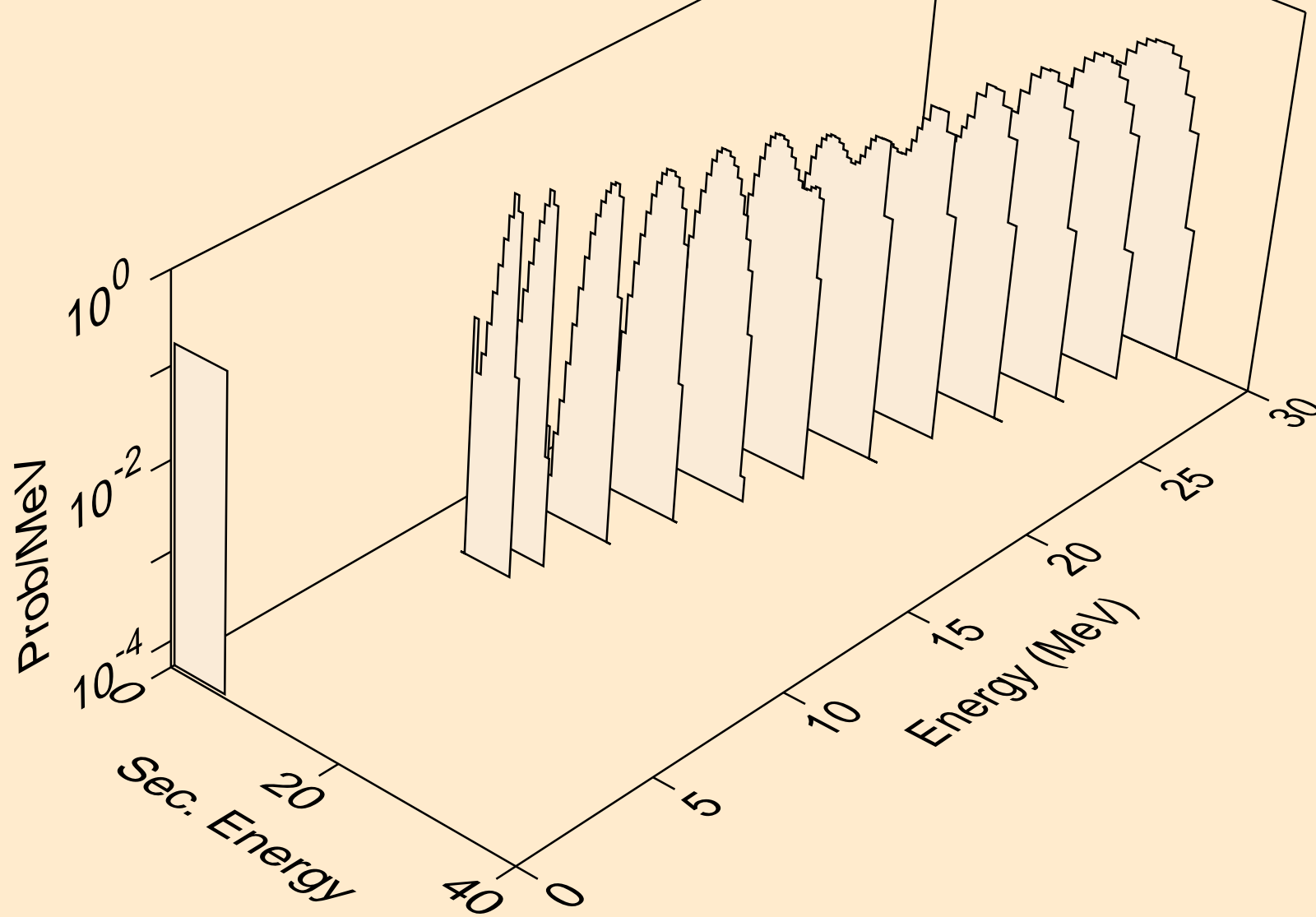
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



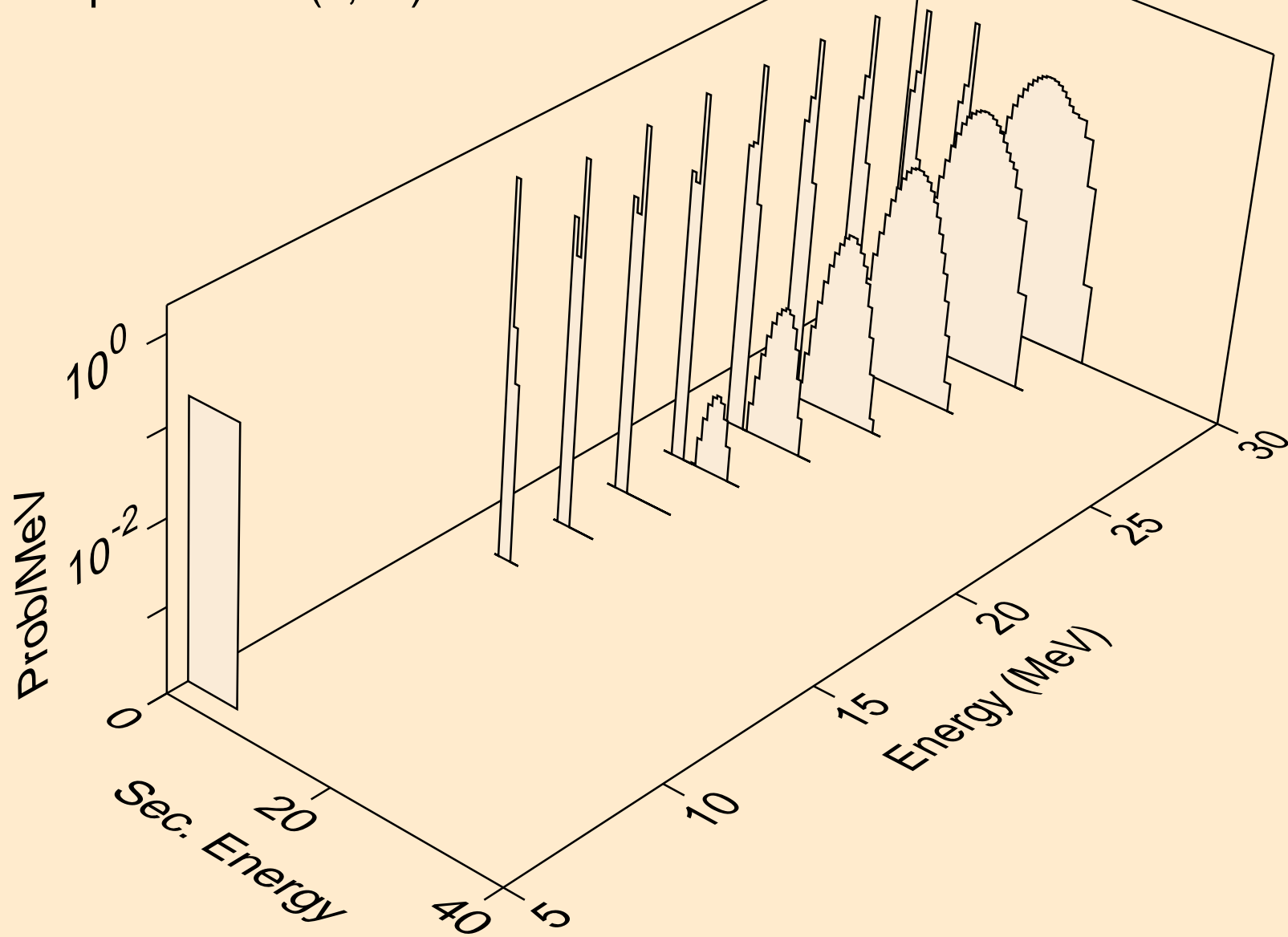
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



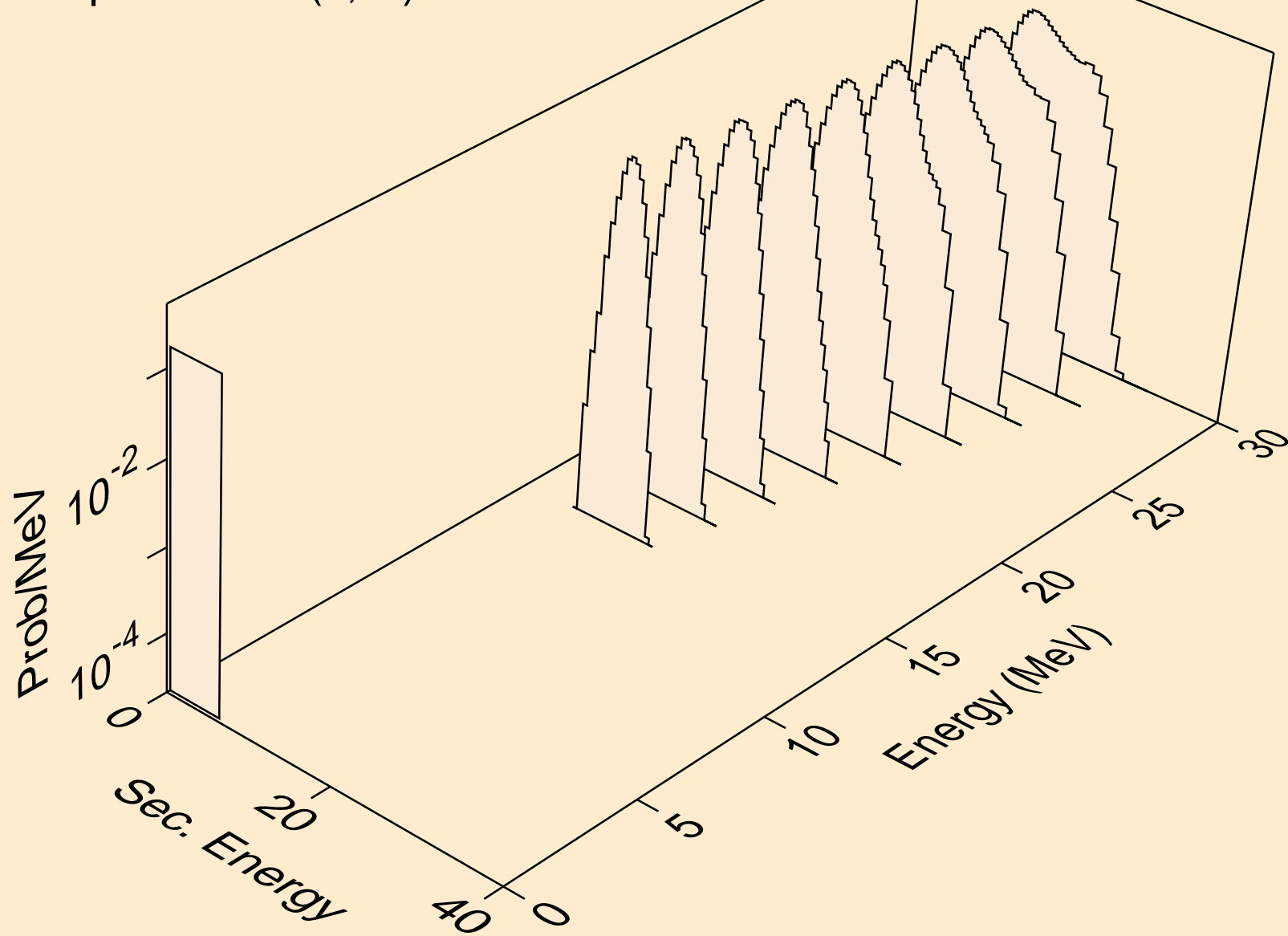
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a

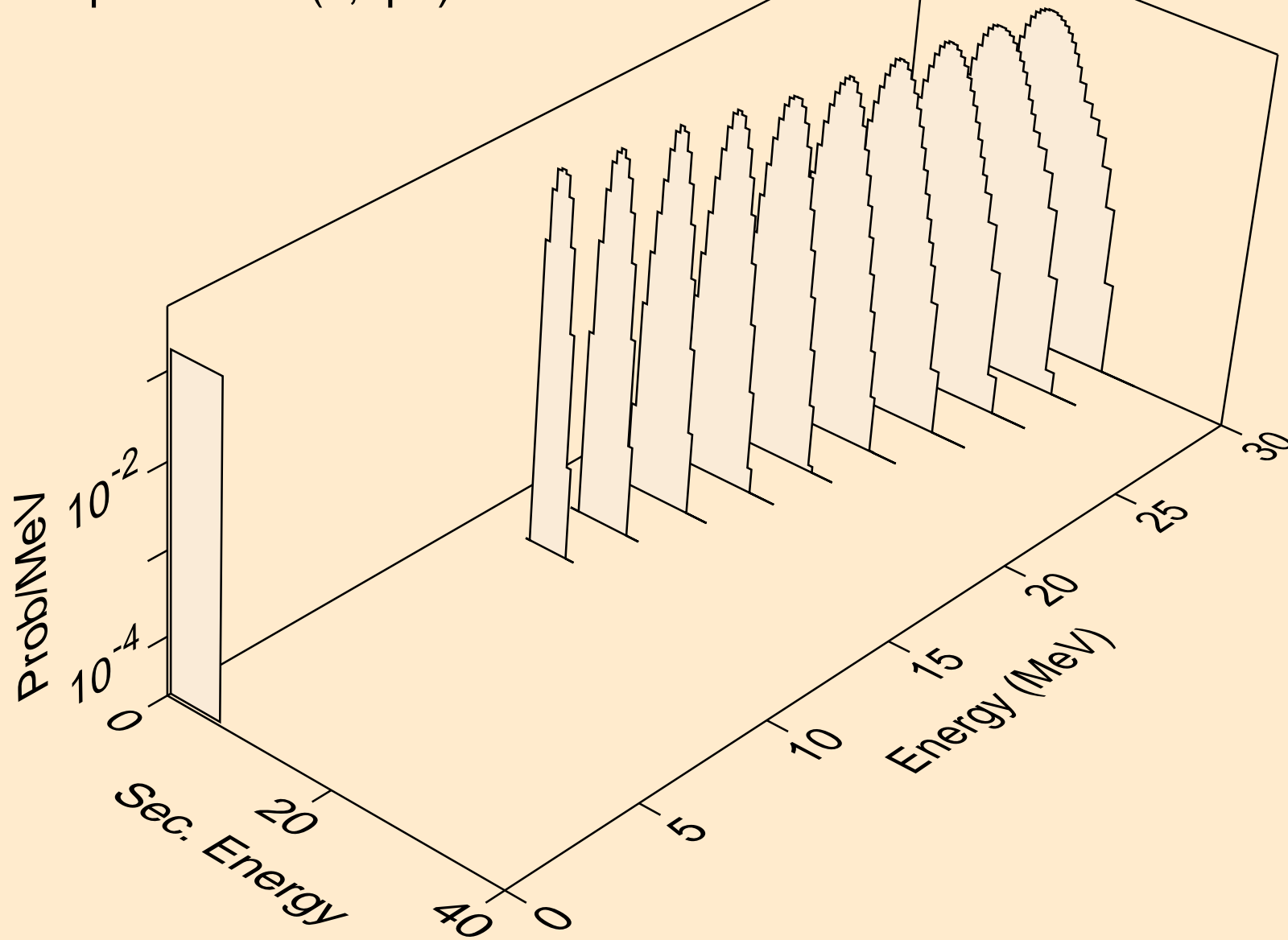


TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a

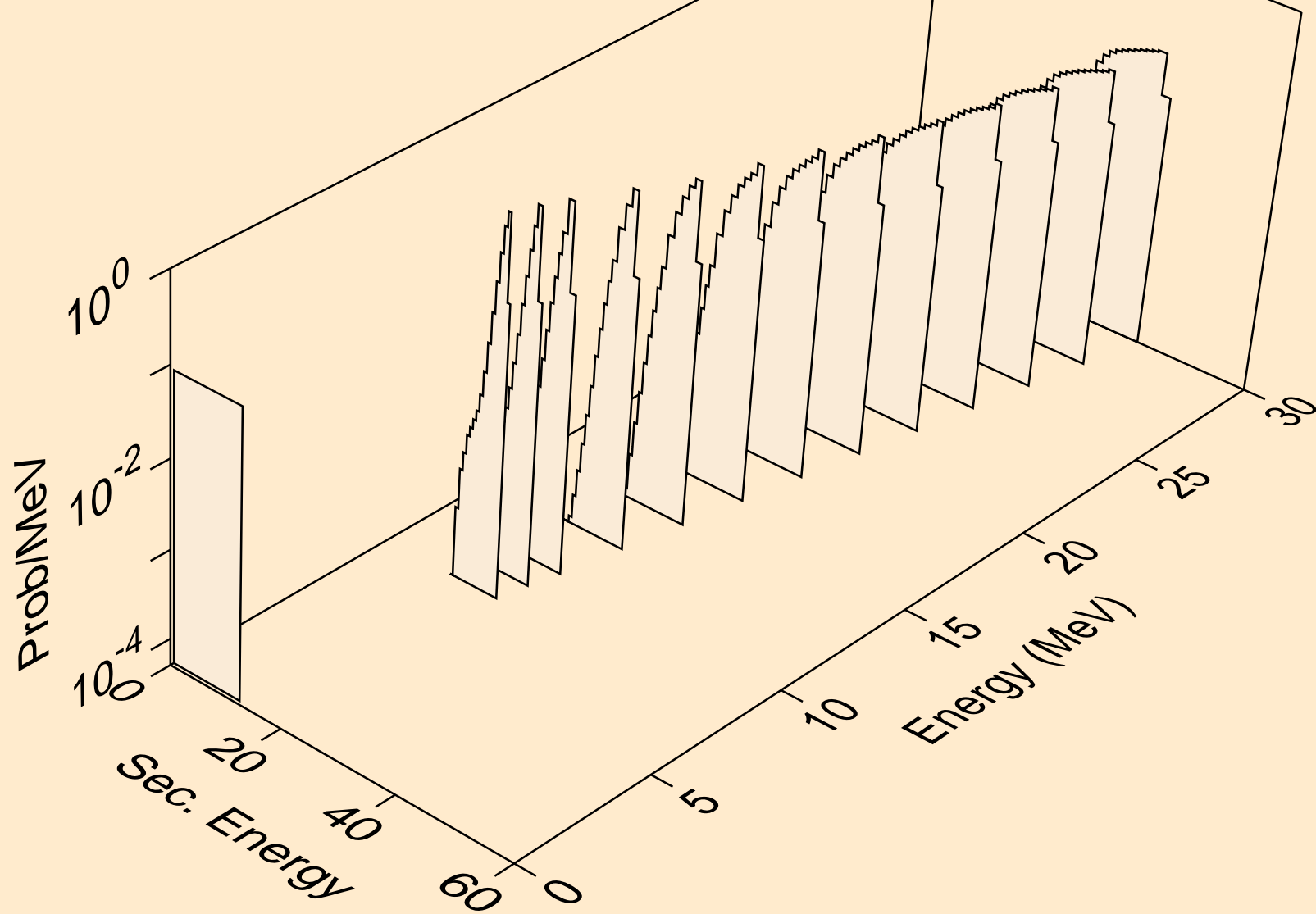




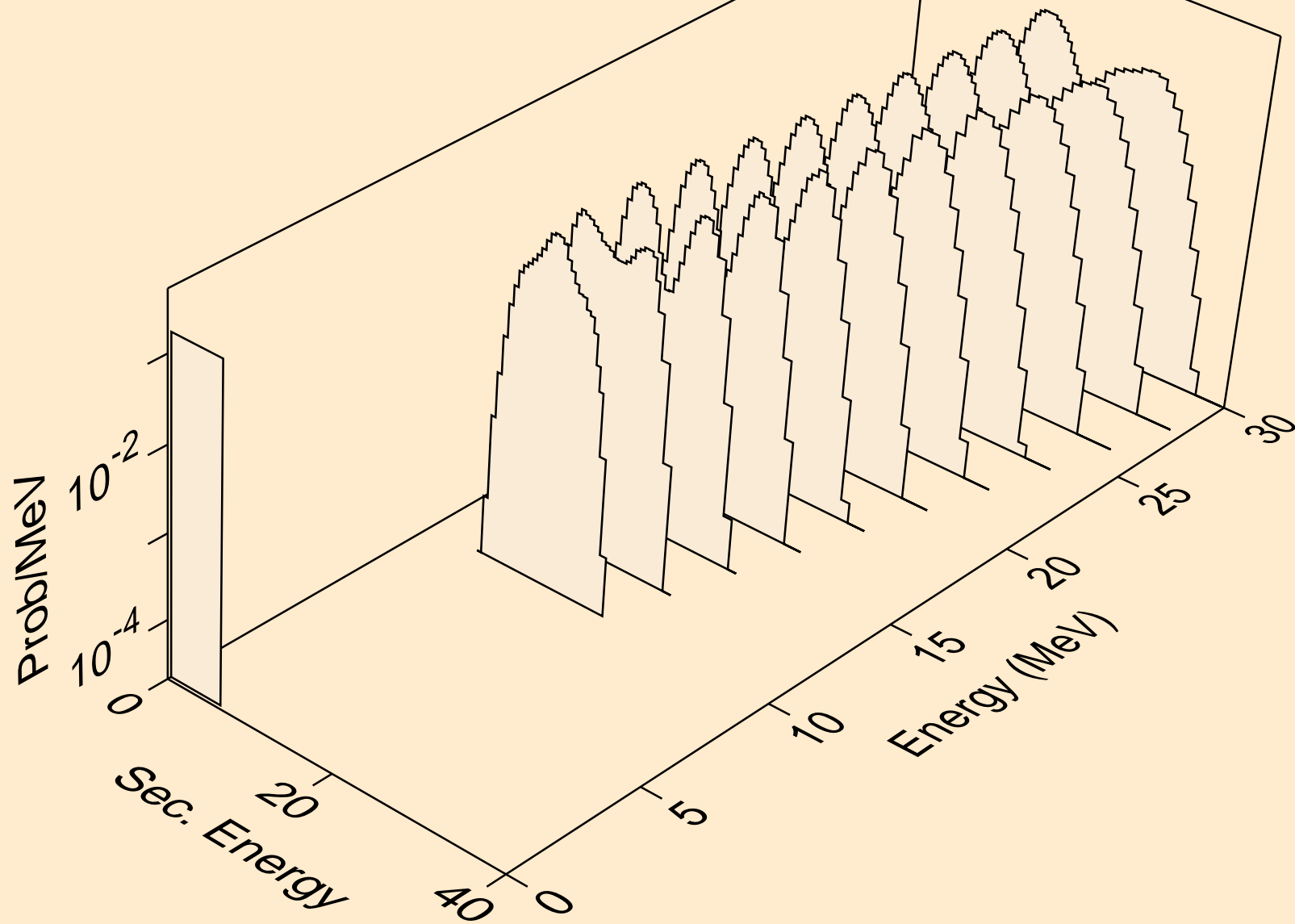
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



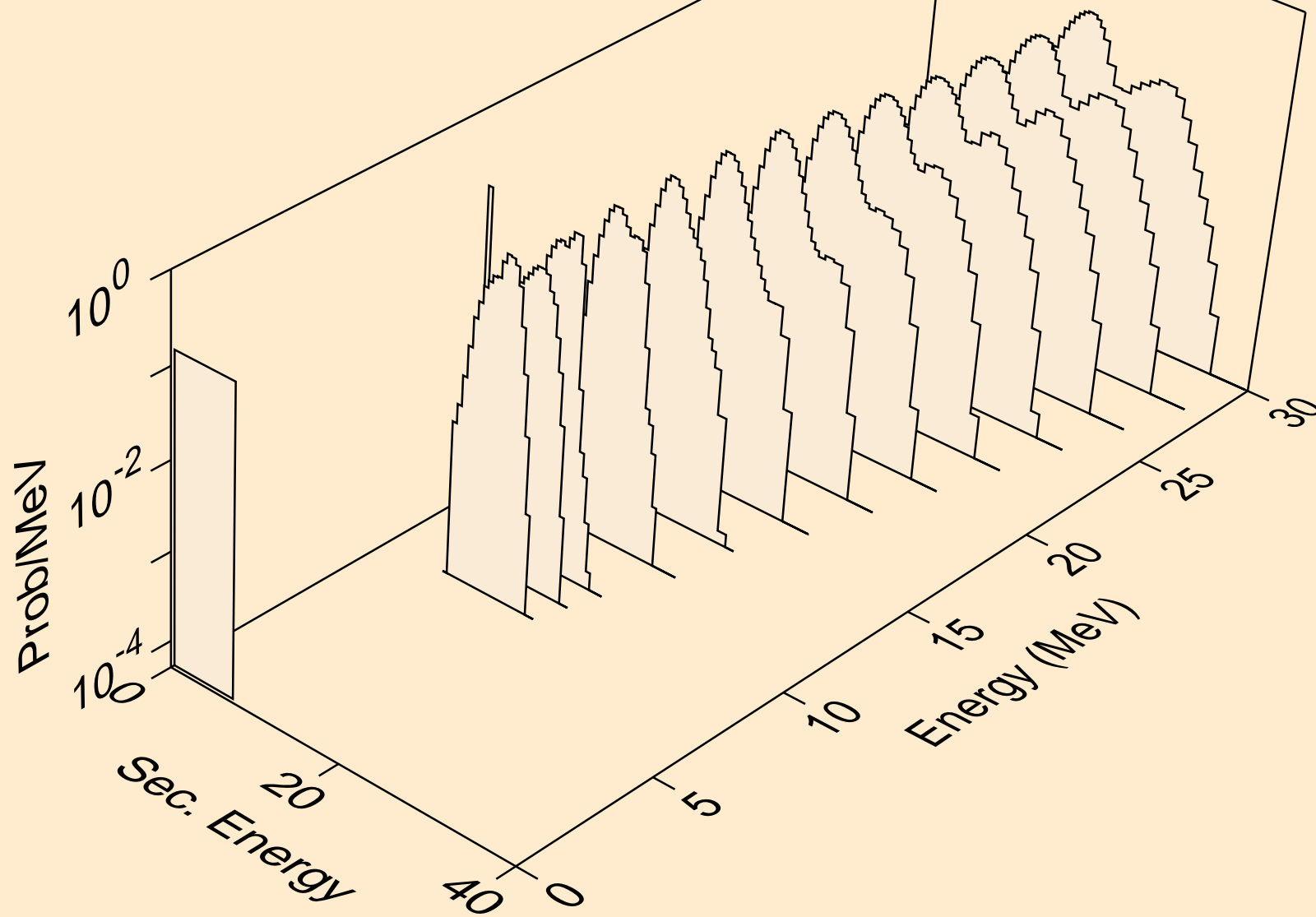
TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



TL190 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

