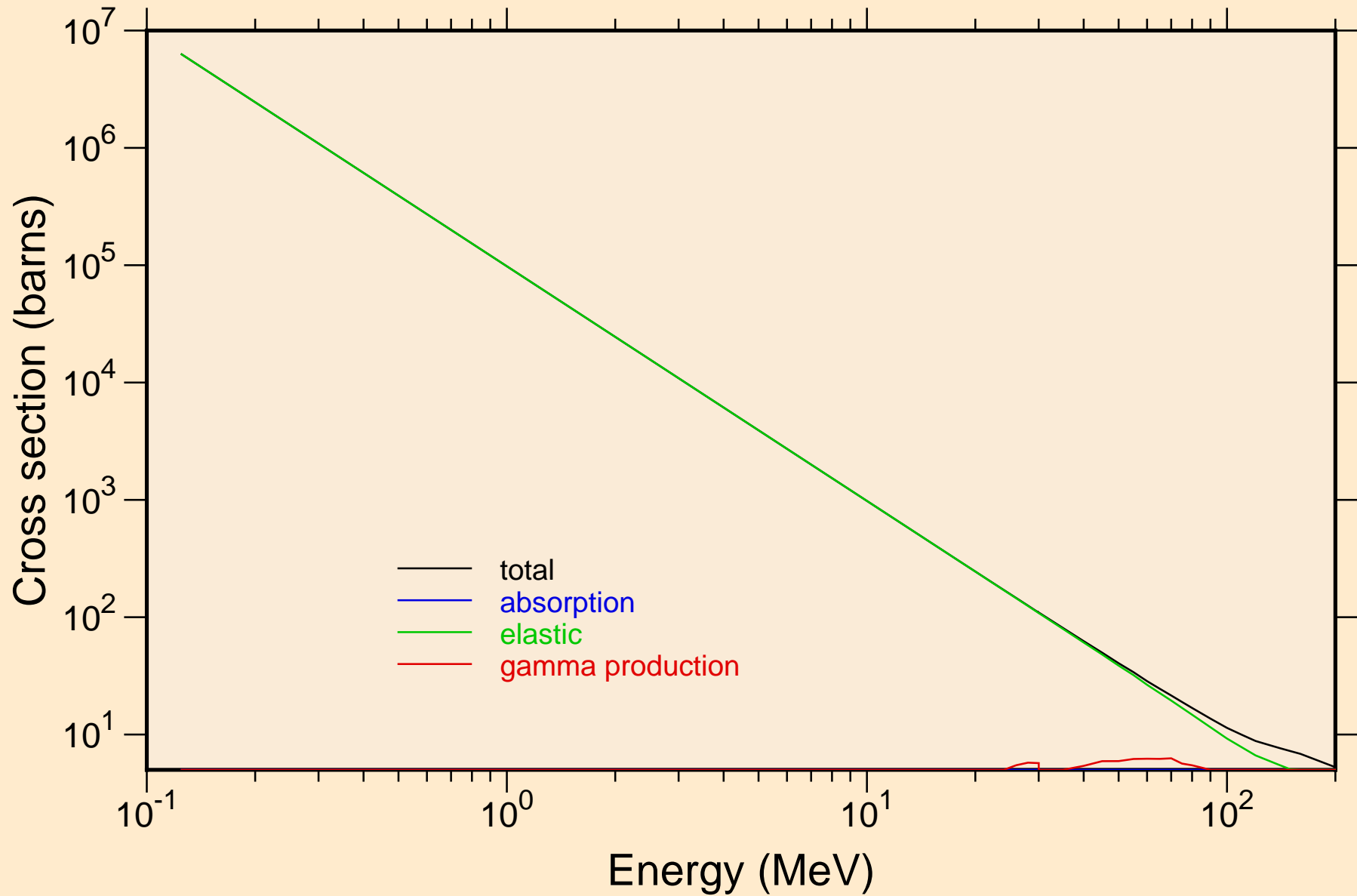
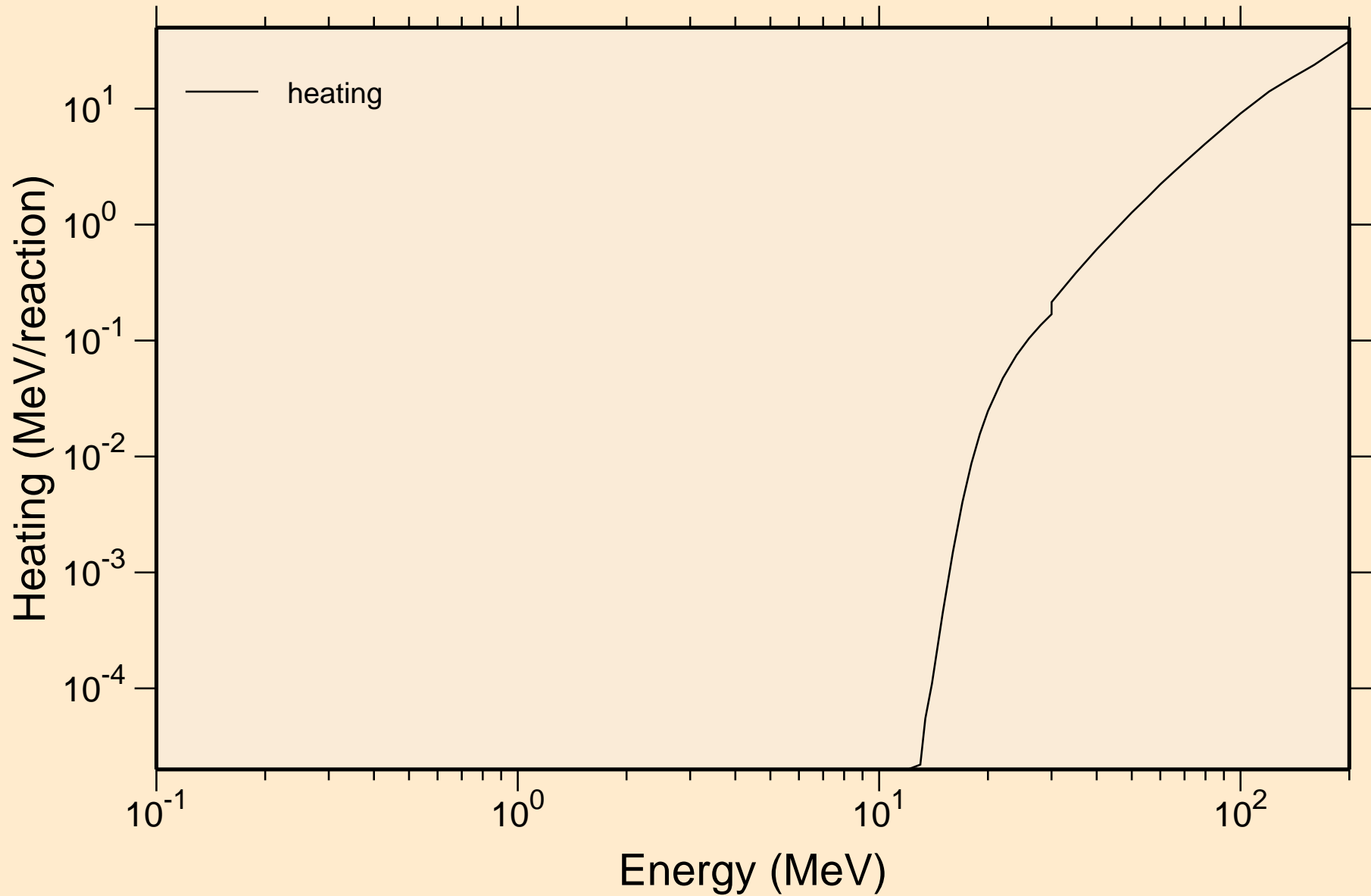


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



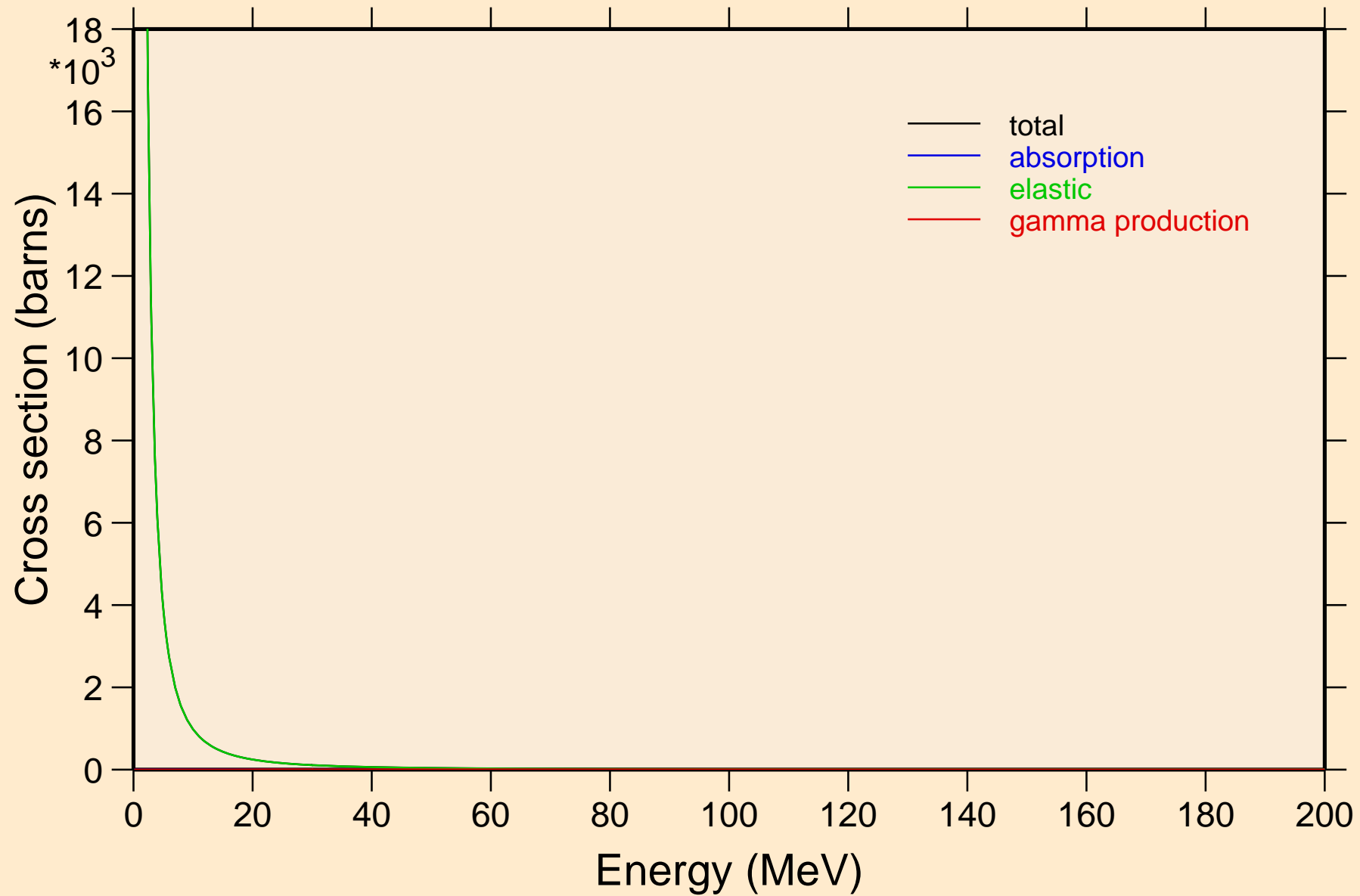
# SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



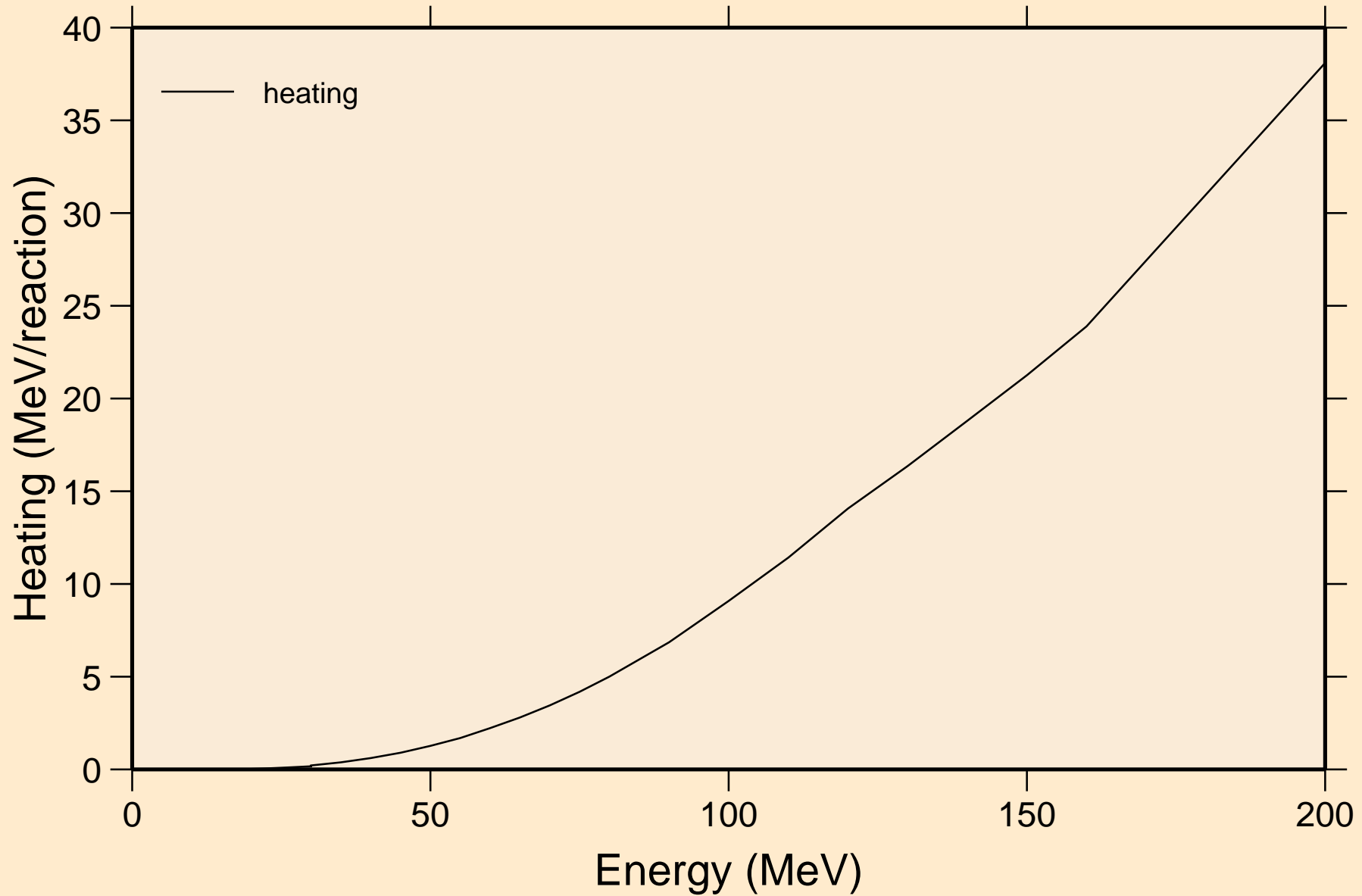
# SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

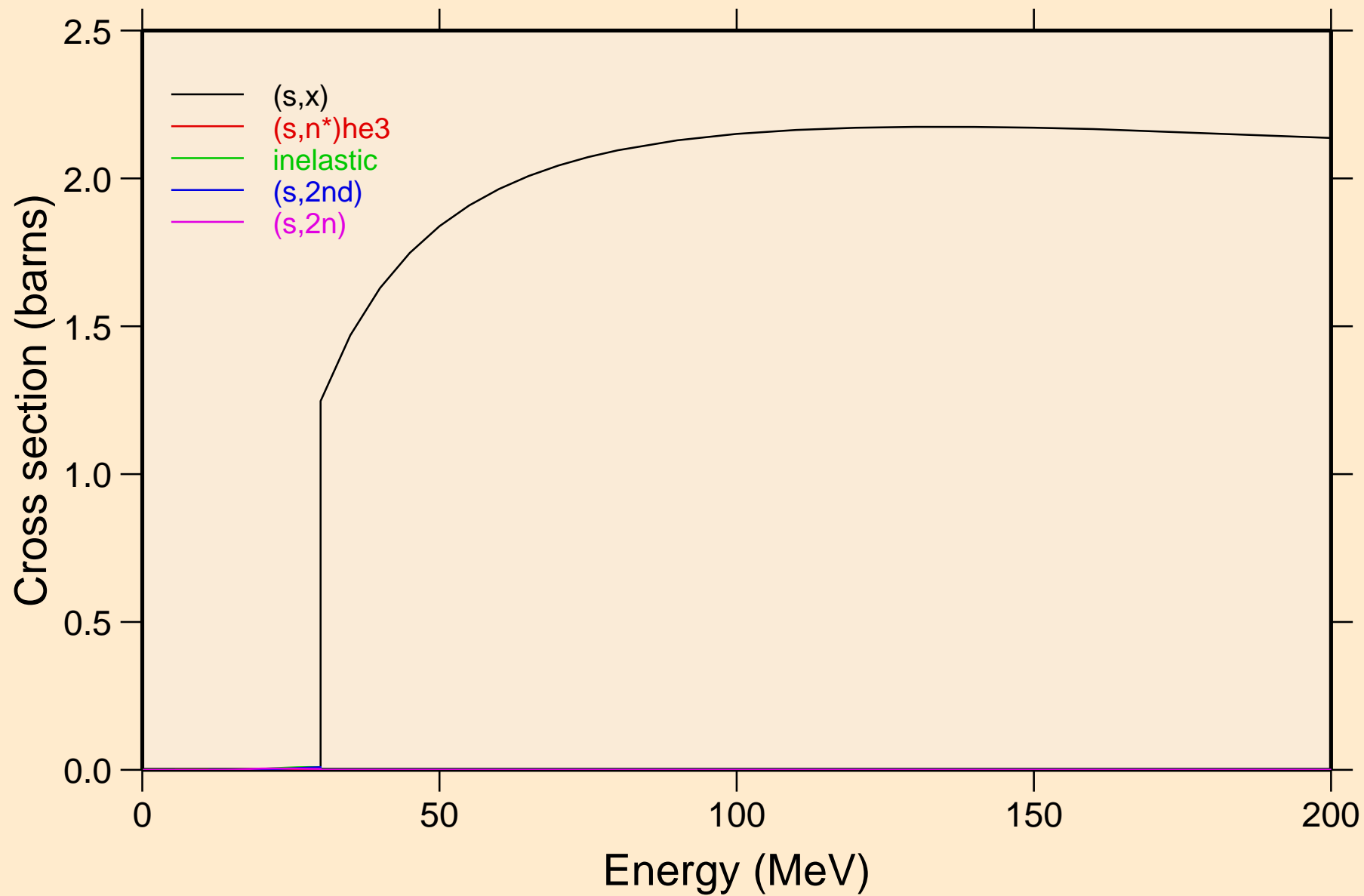


# SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K

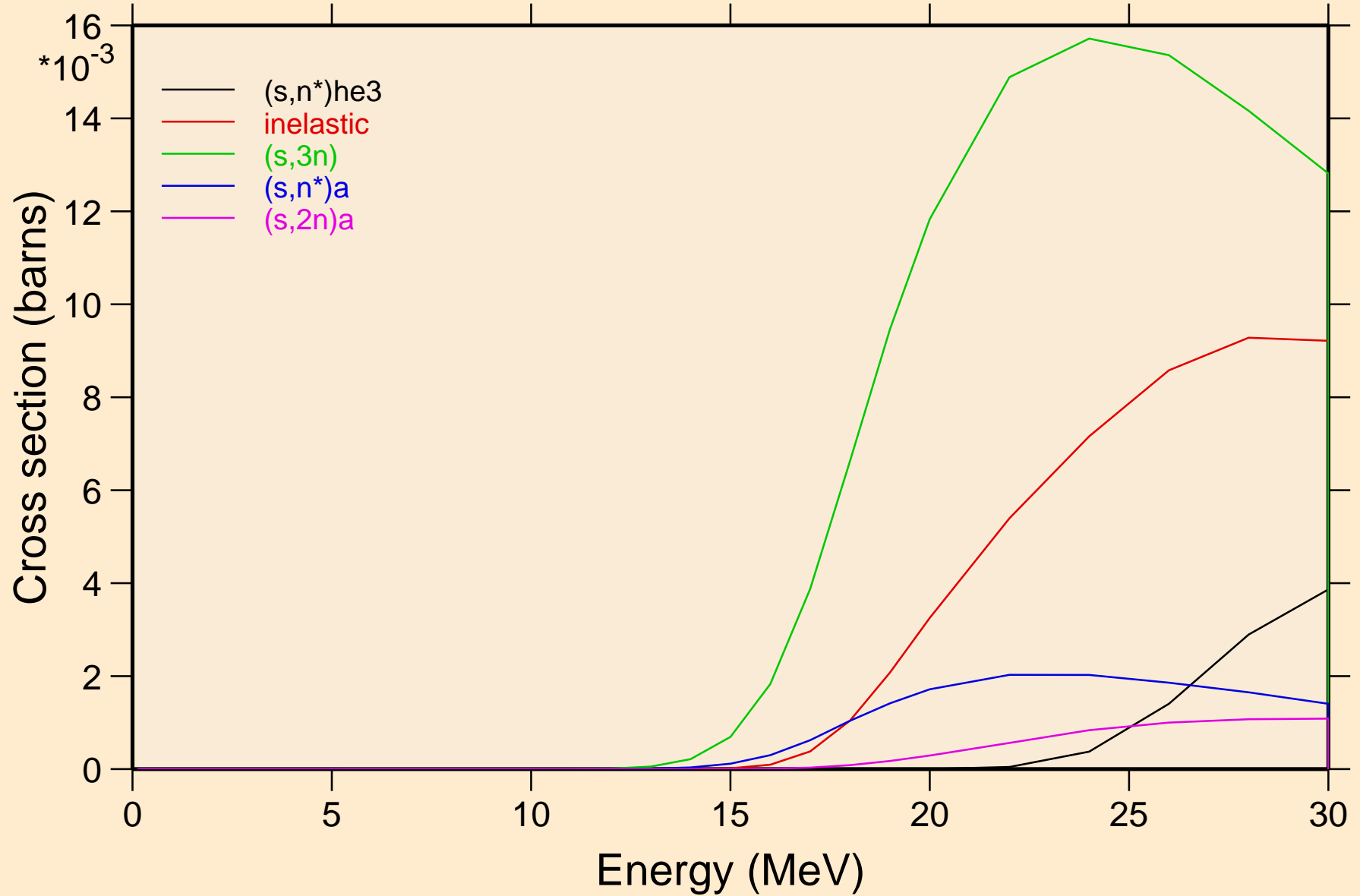
## Heating



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

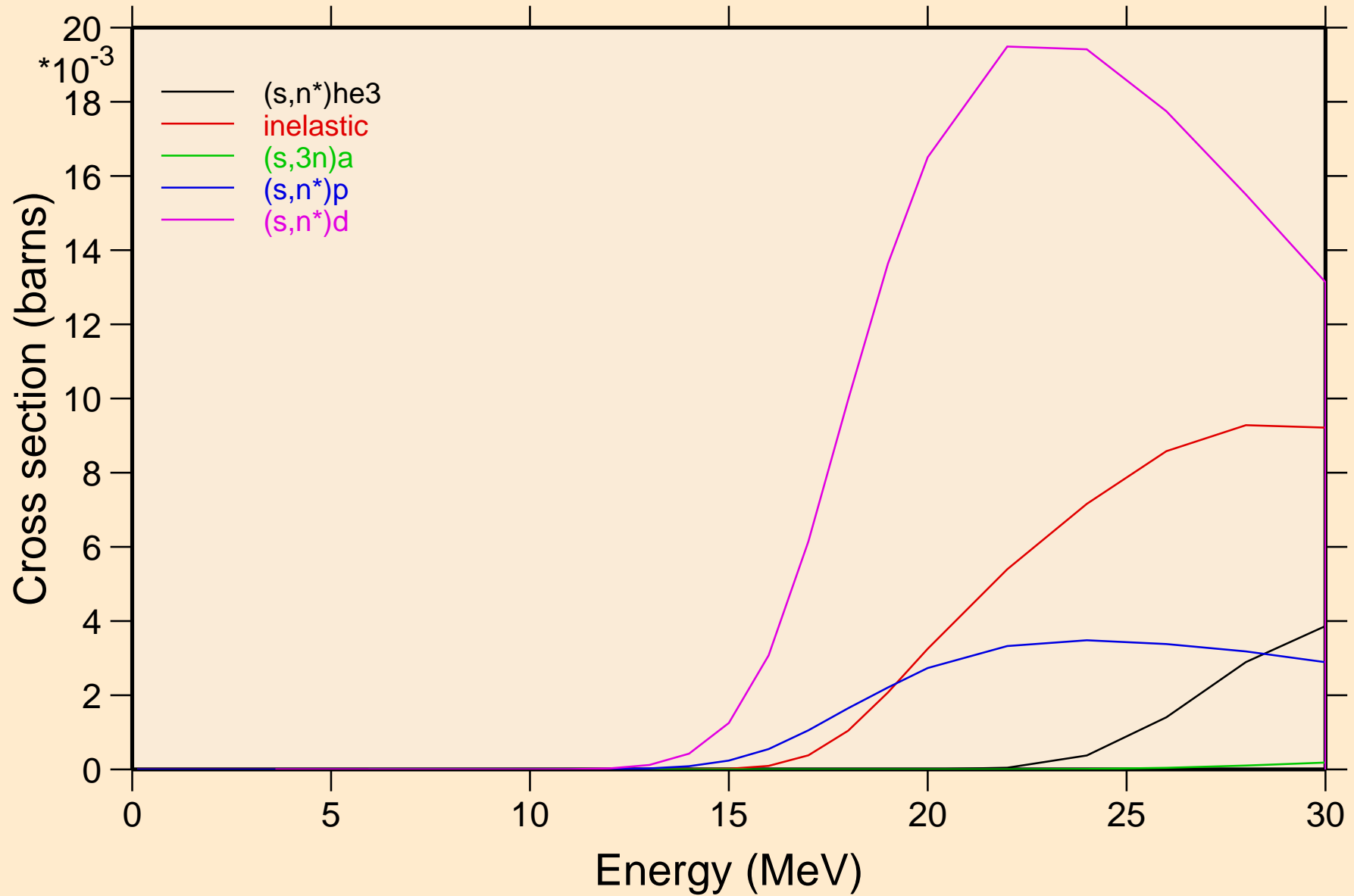


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

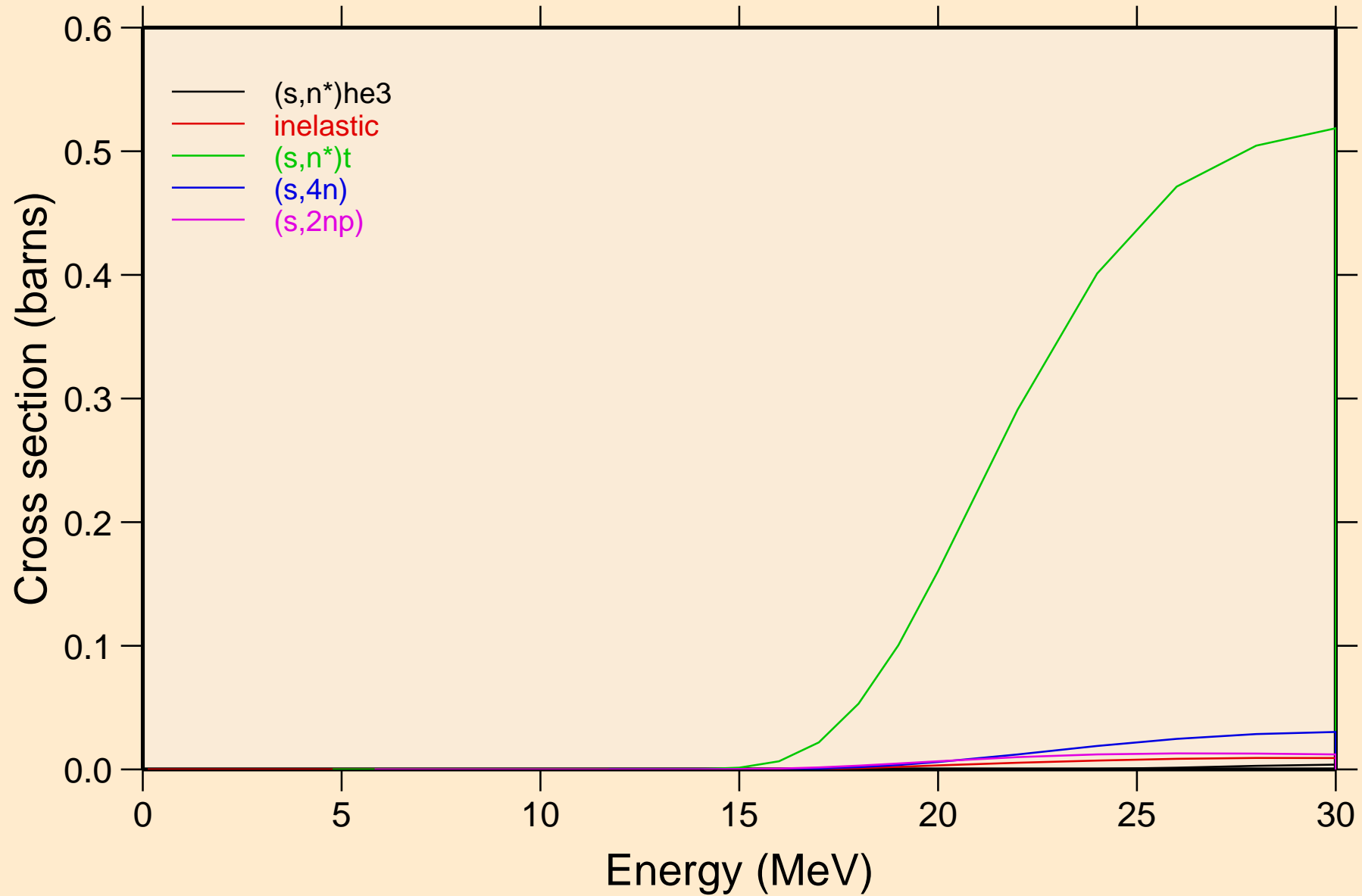


# SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

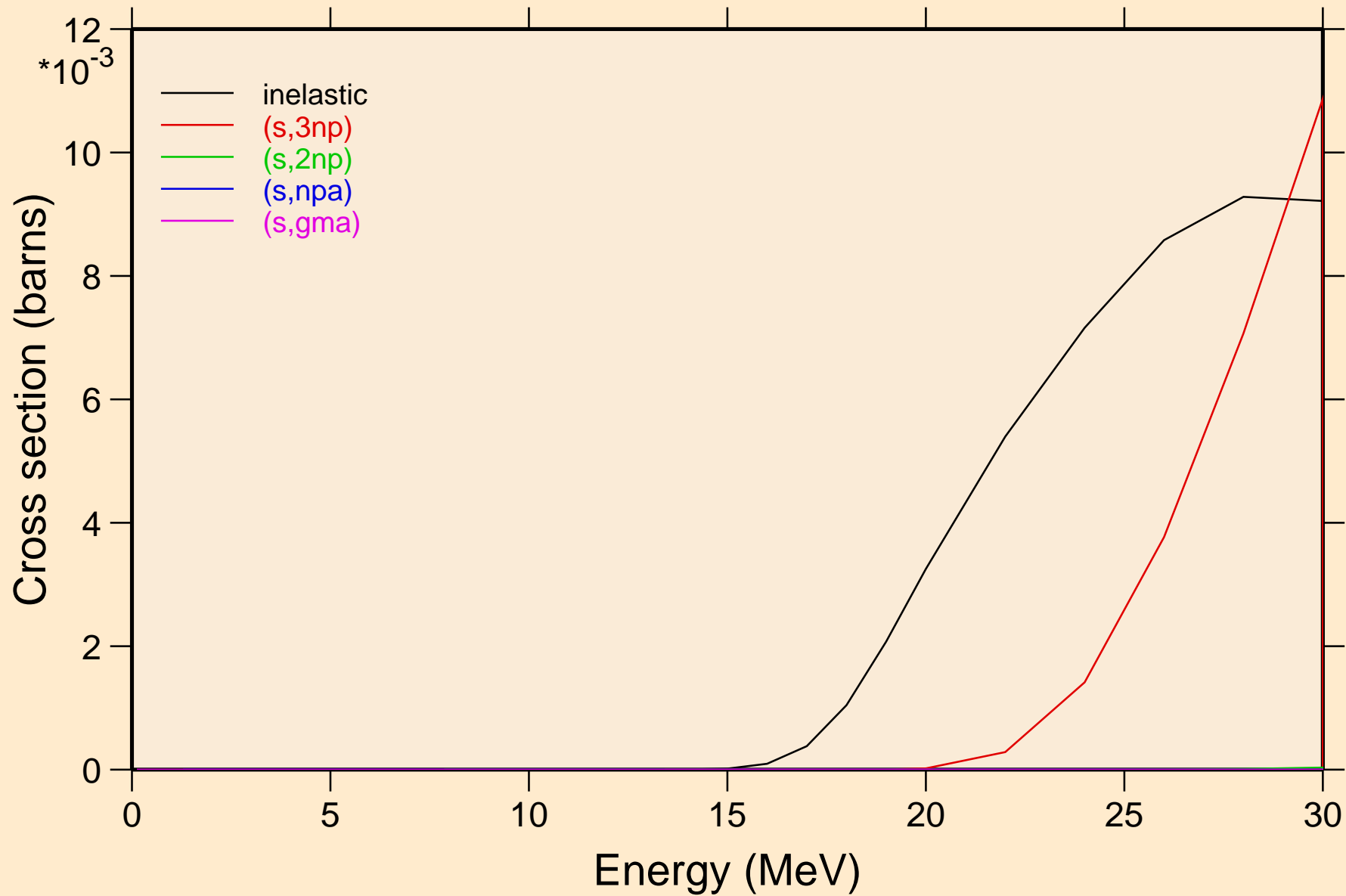


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

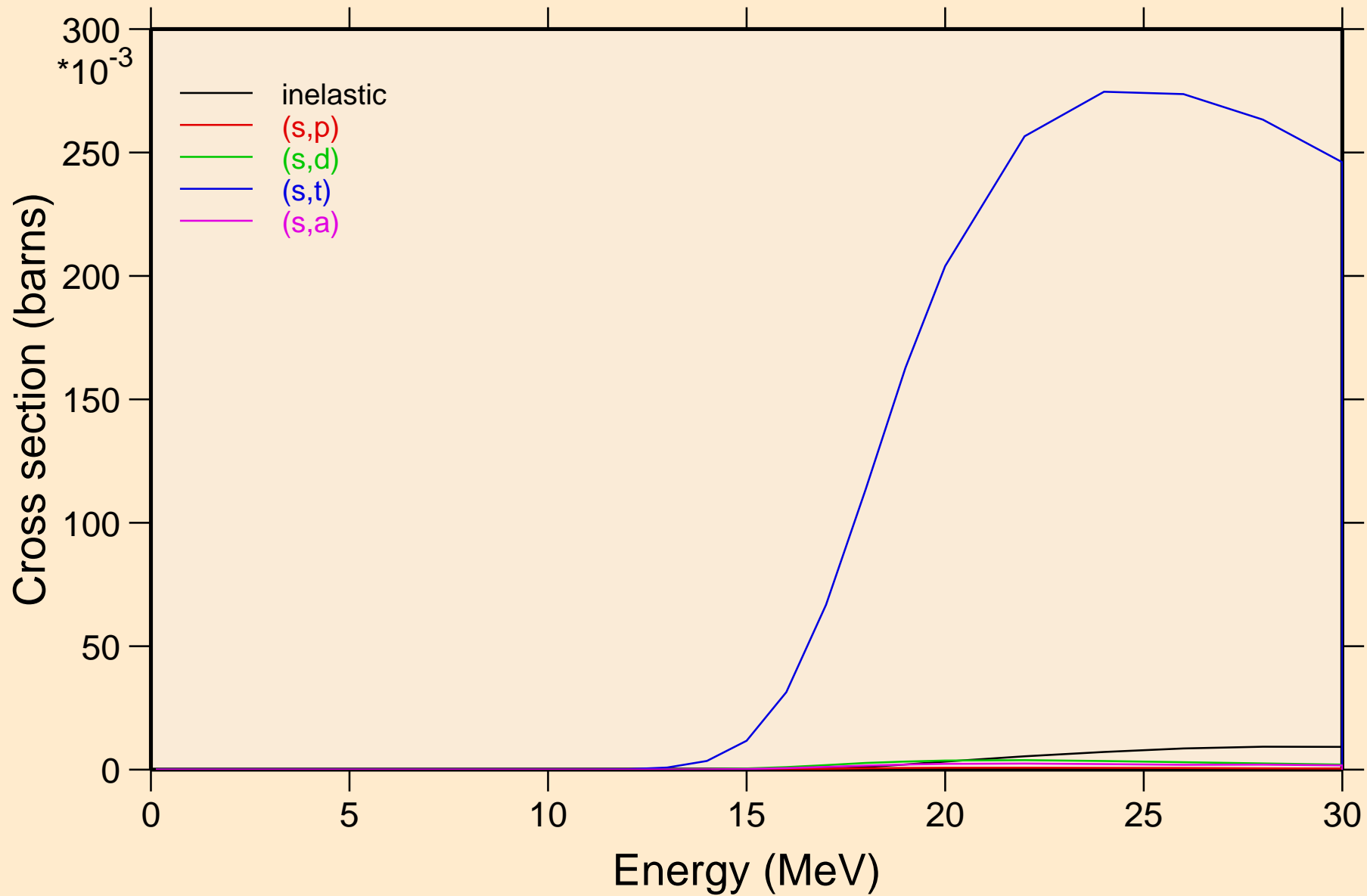




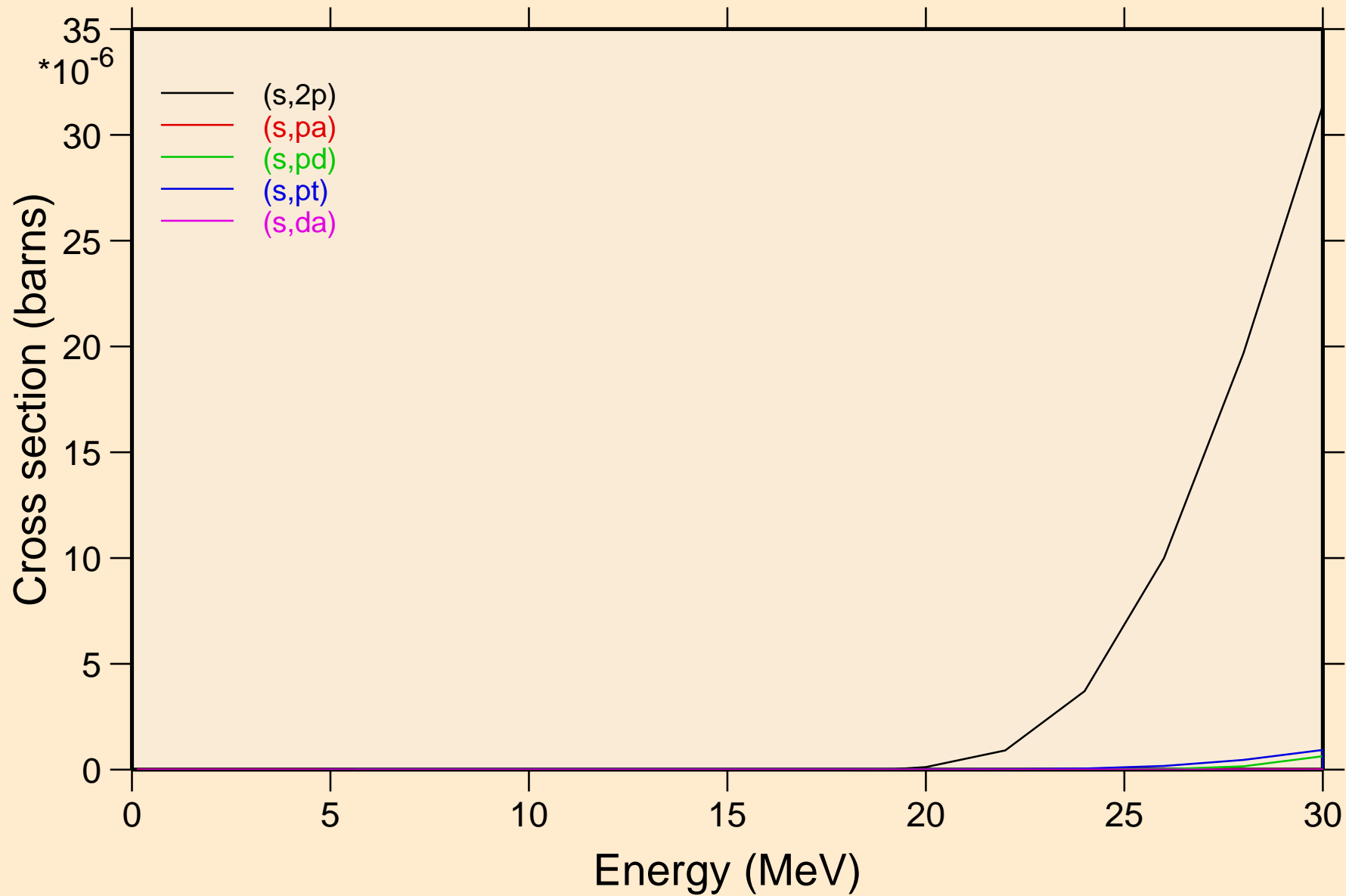
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



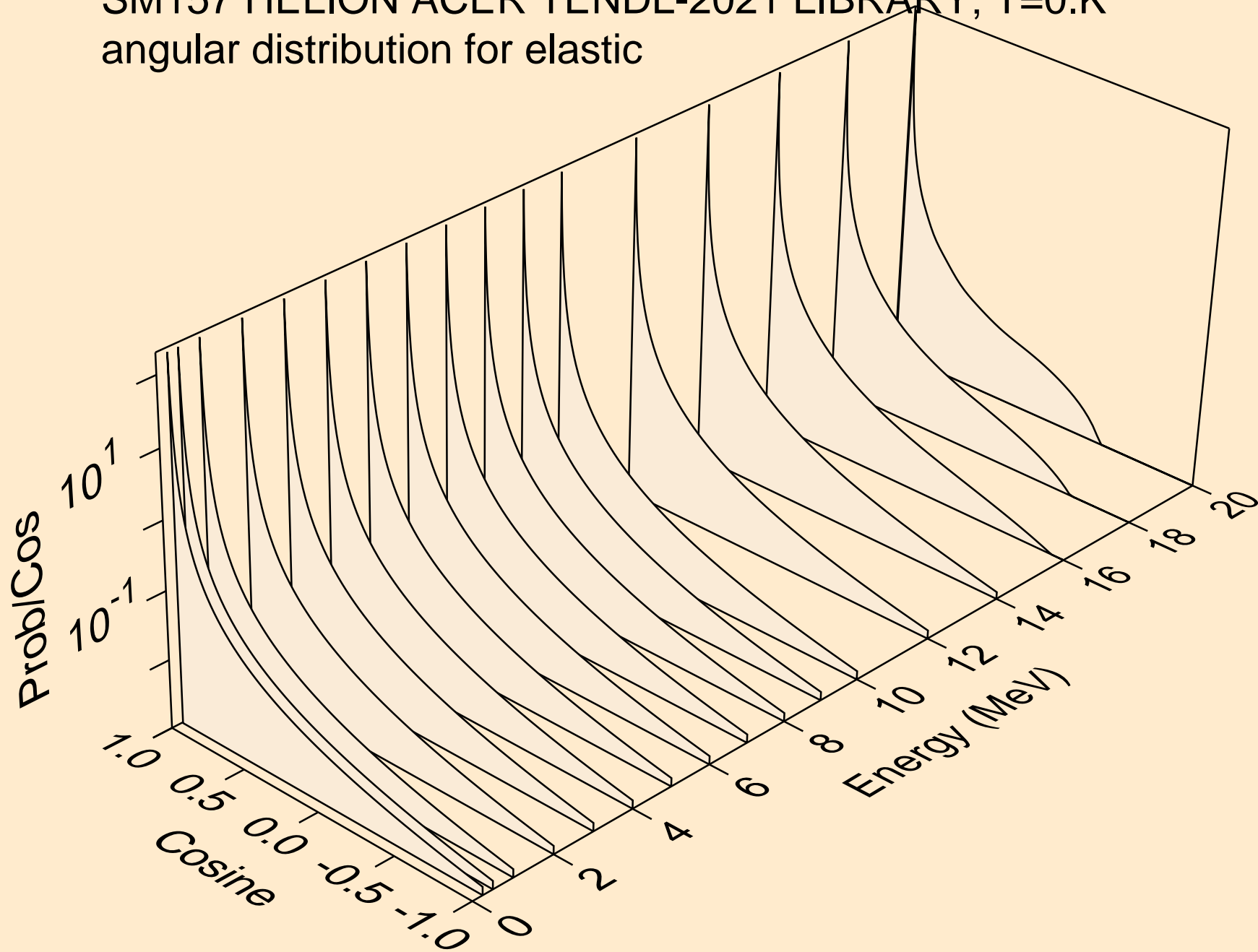
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



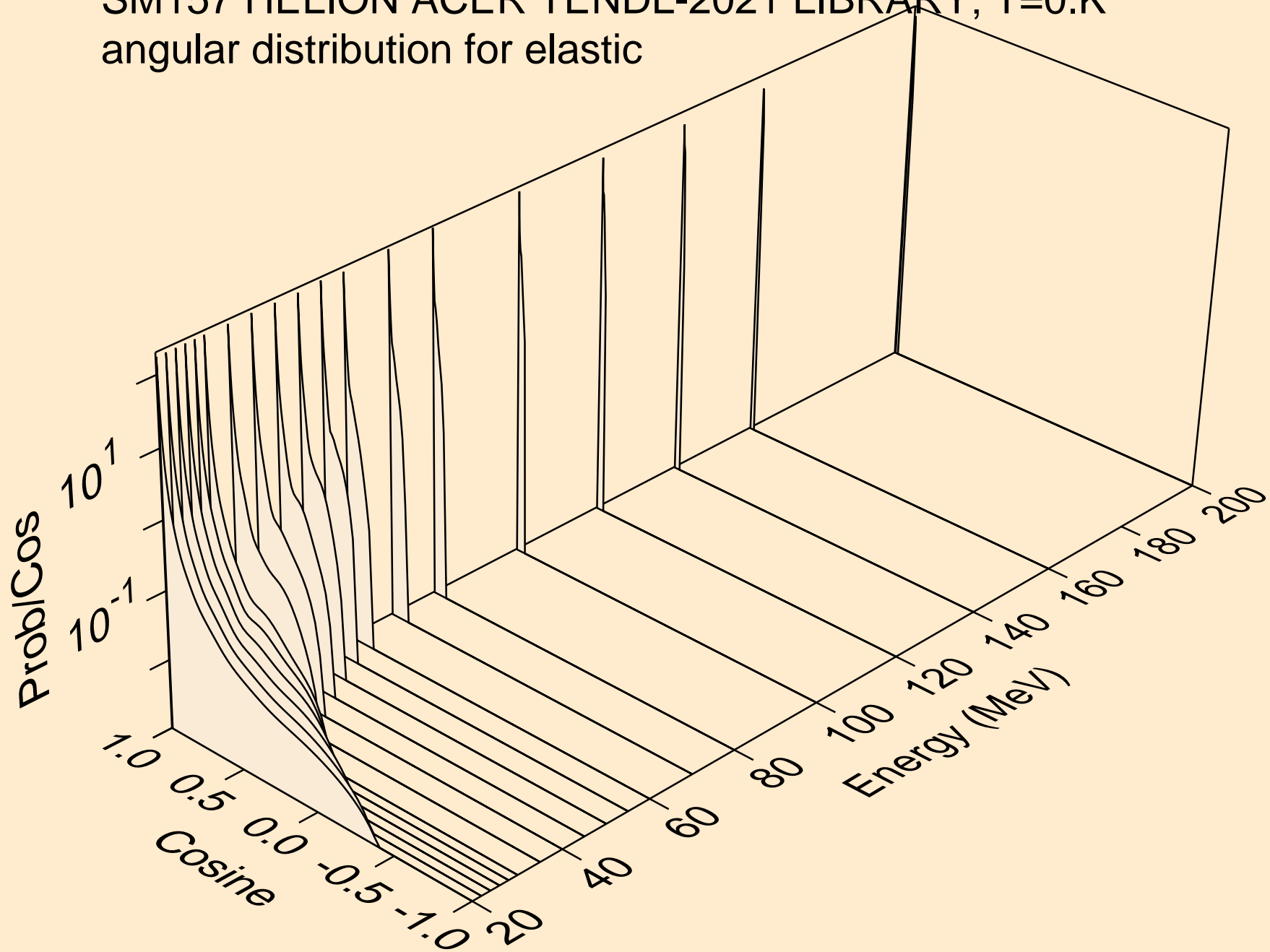
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



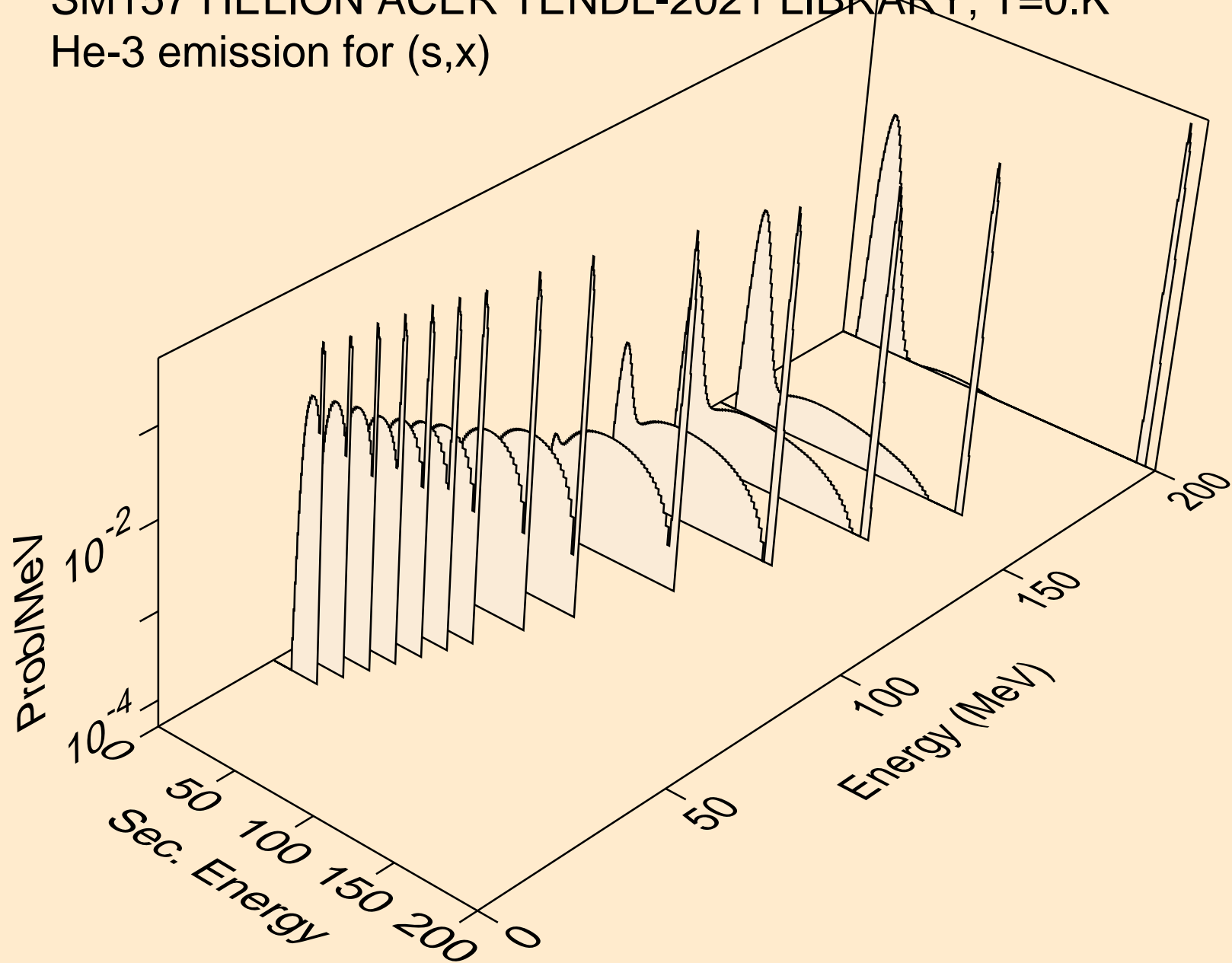
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



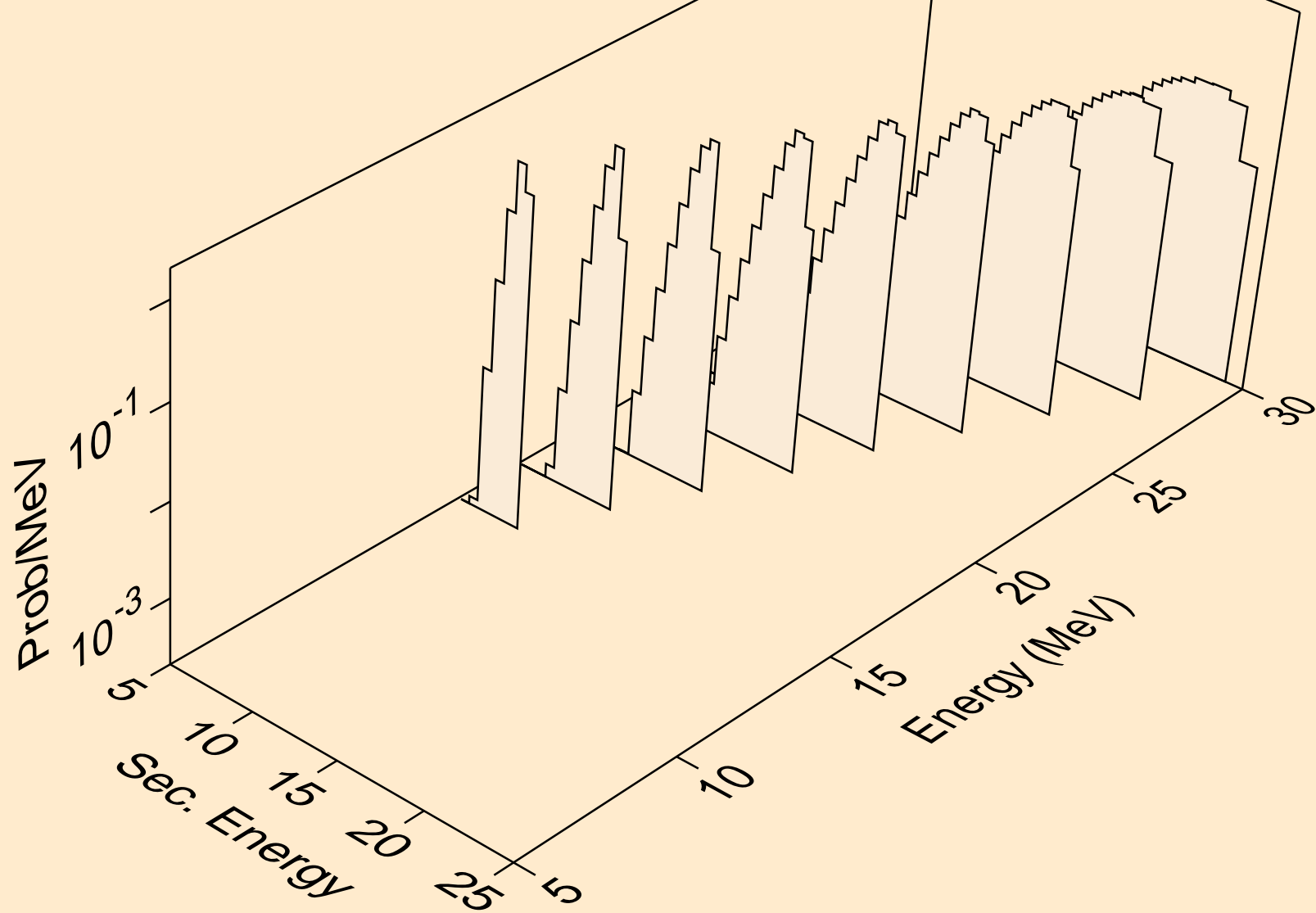
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



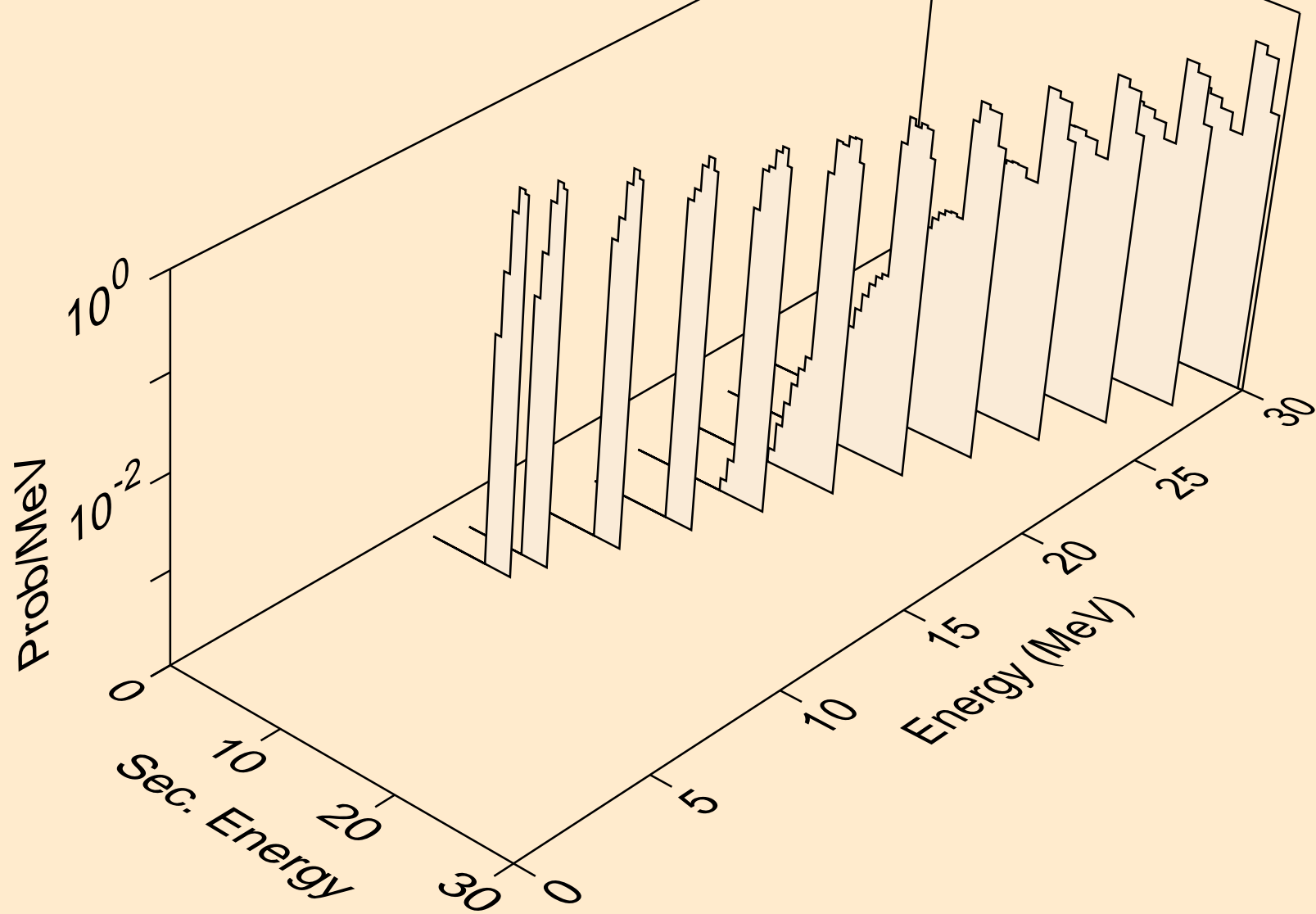
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

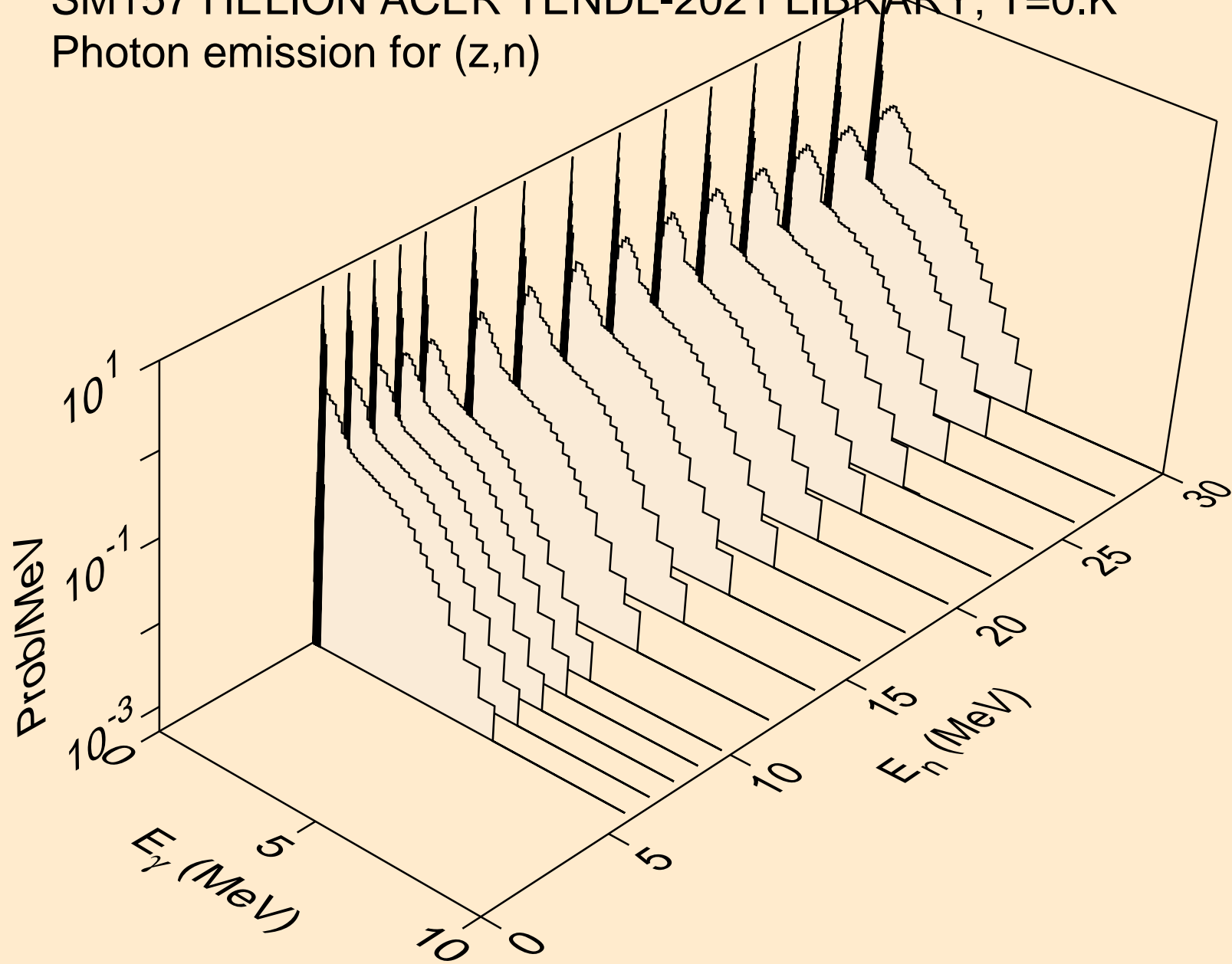


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

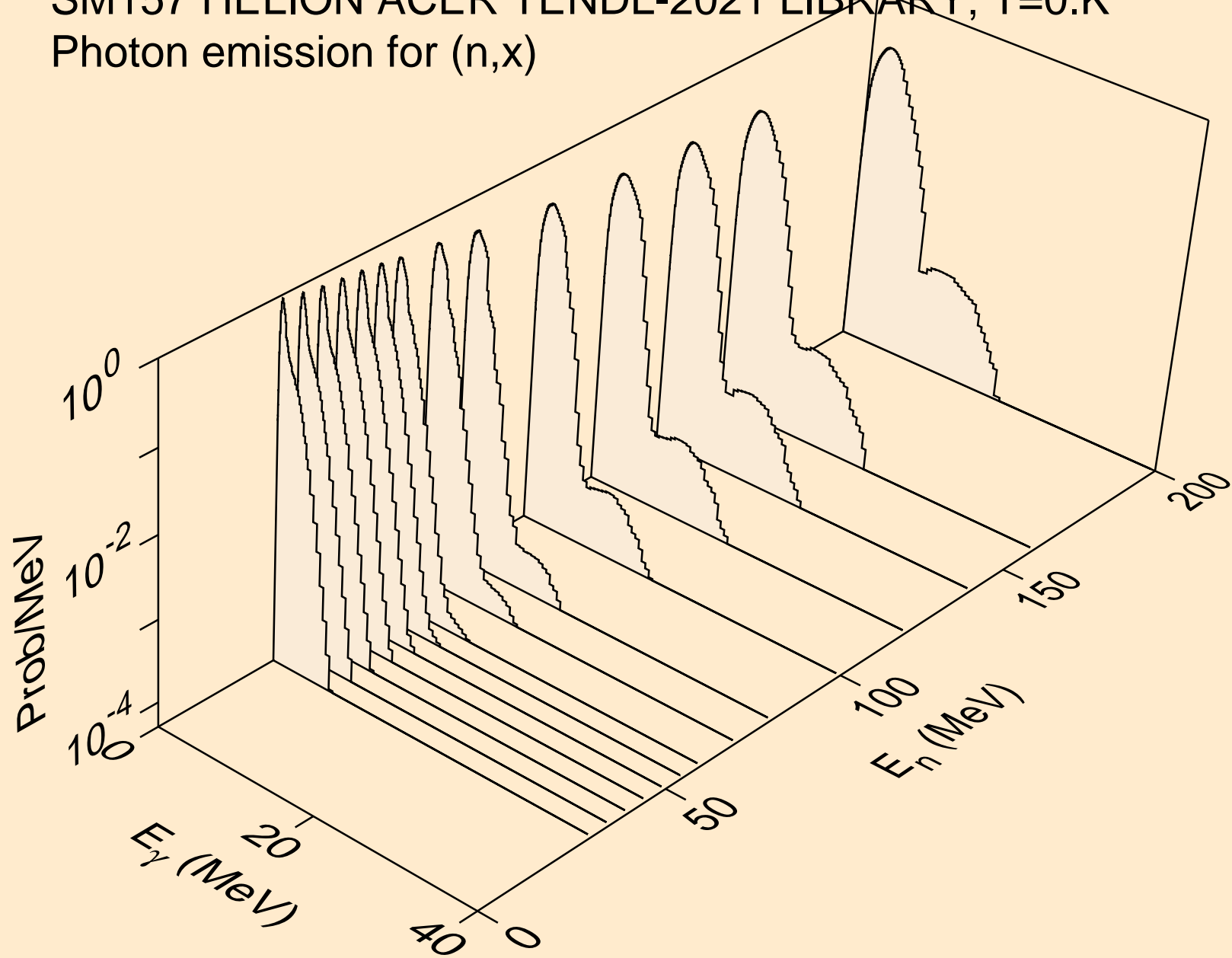




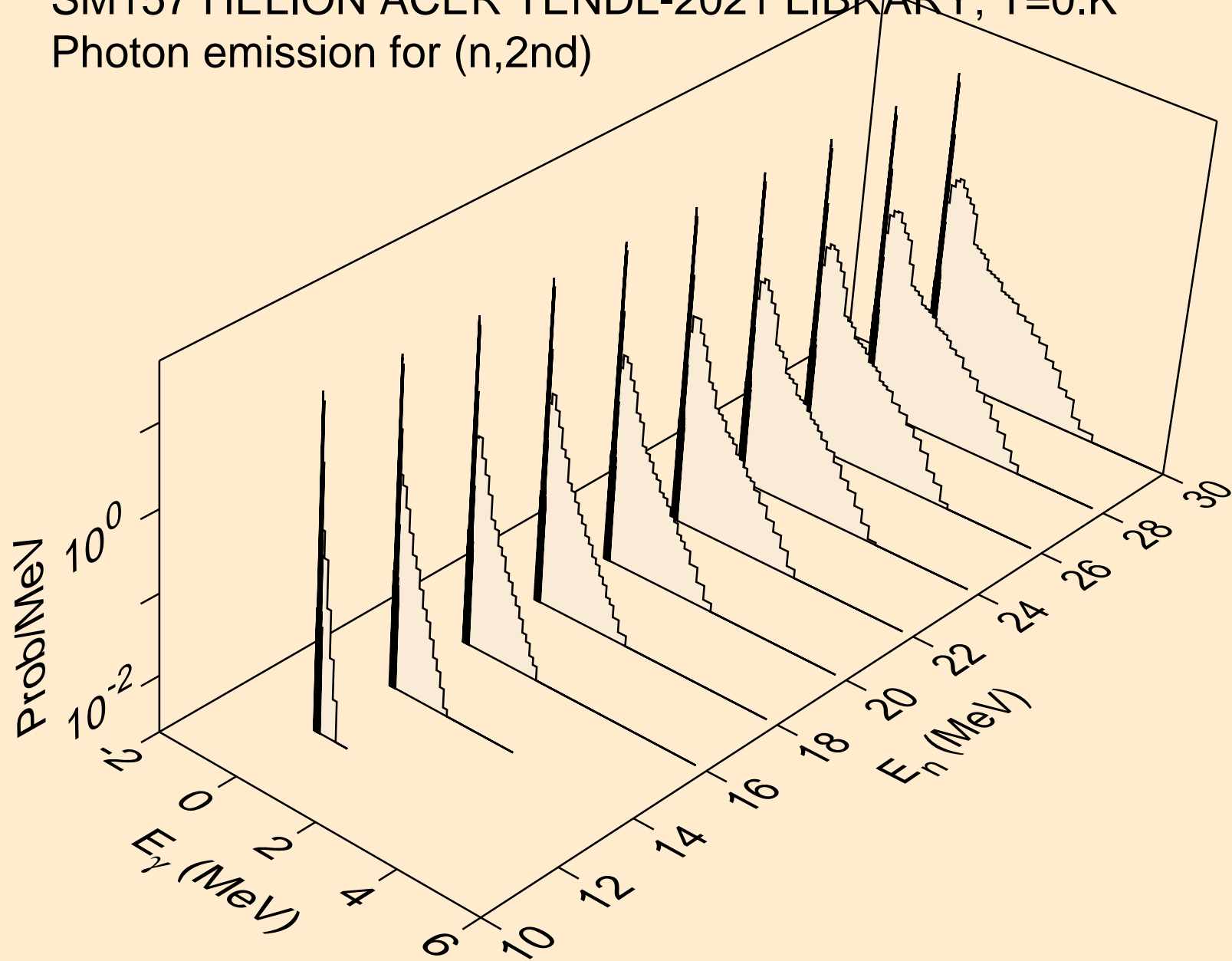
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



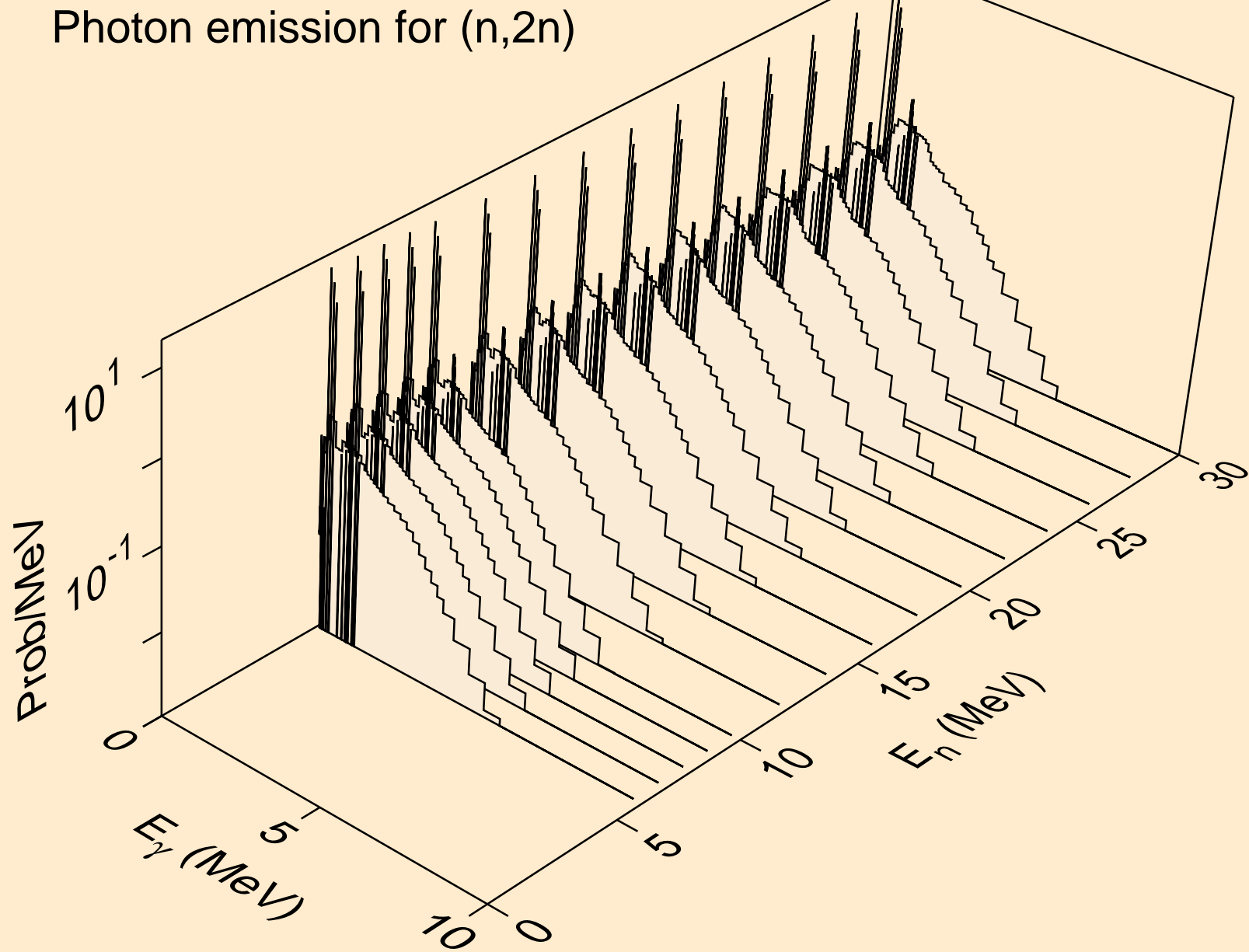
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



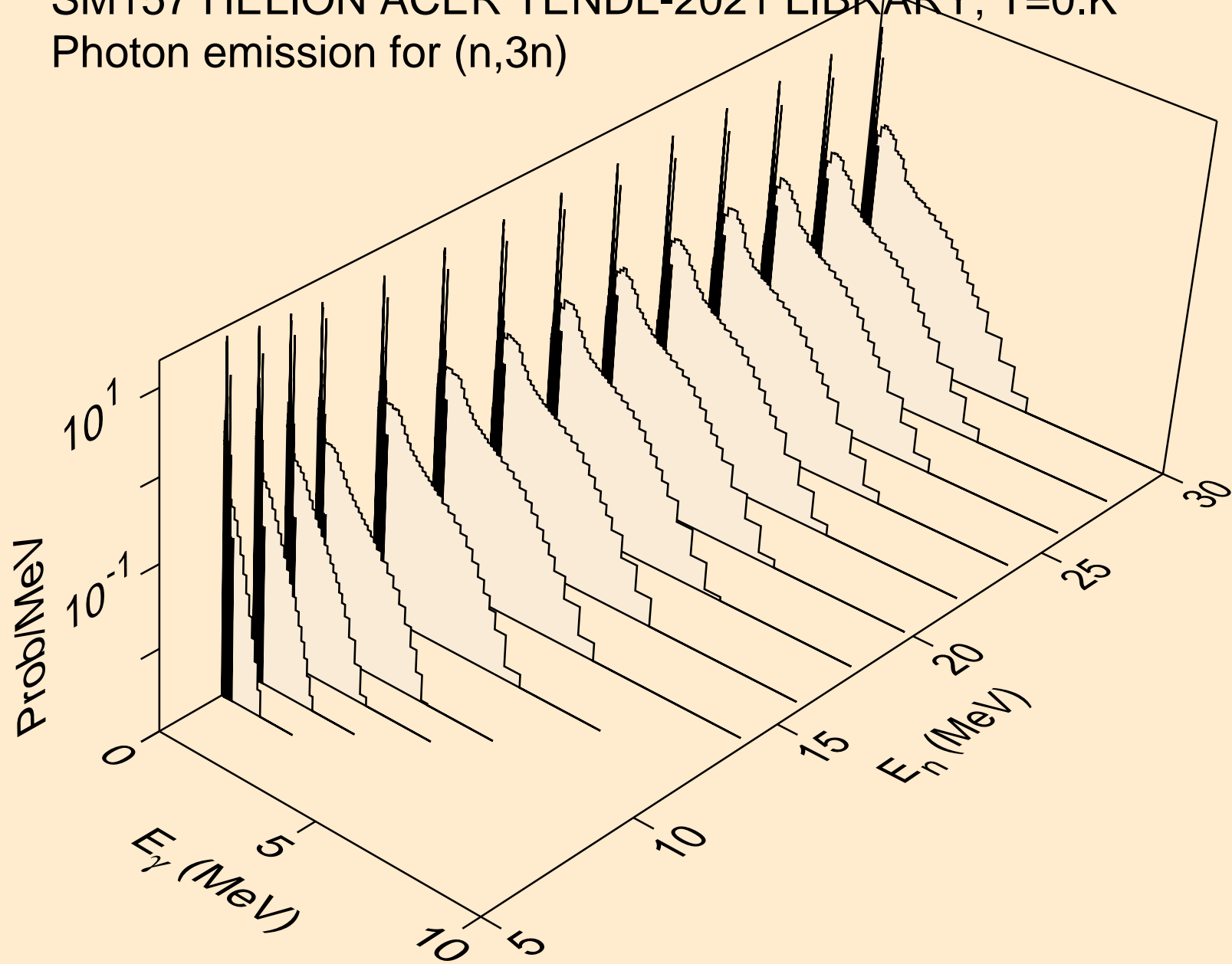
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



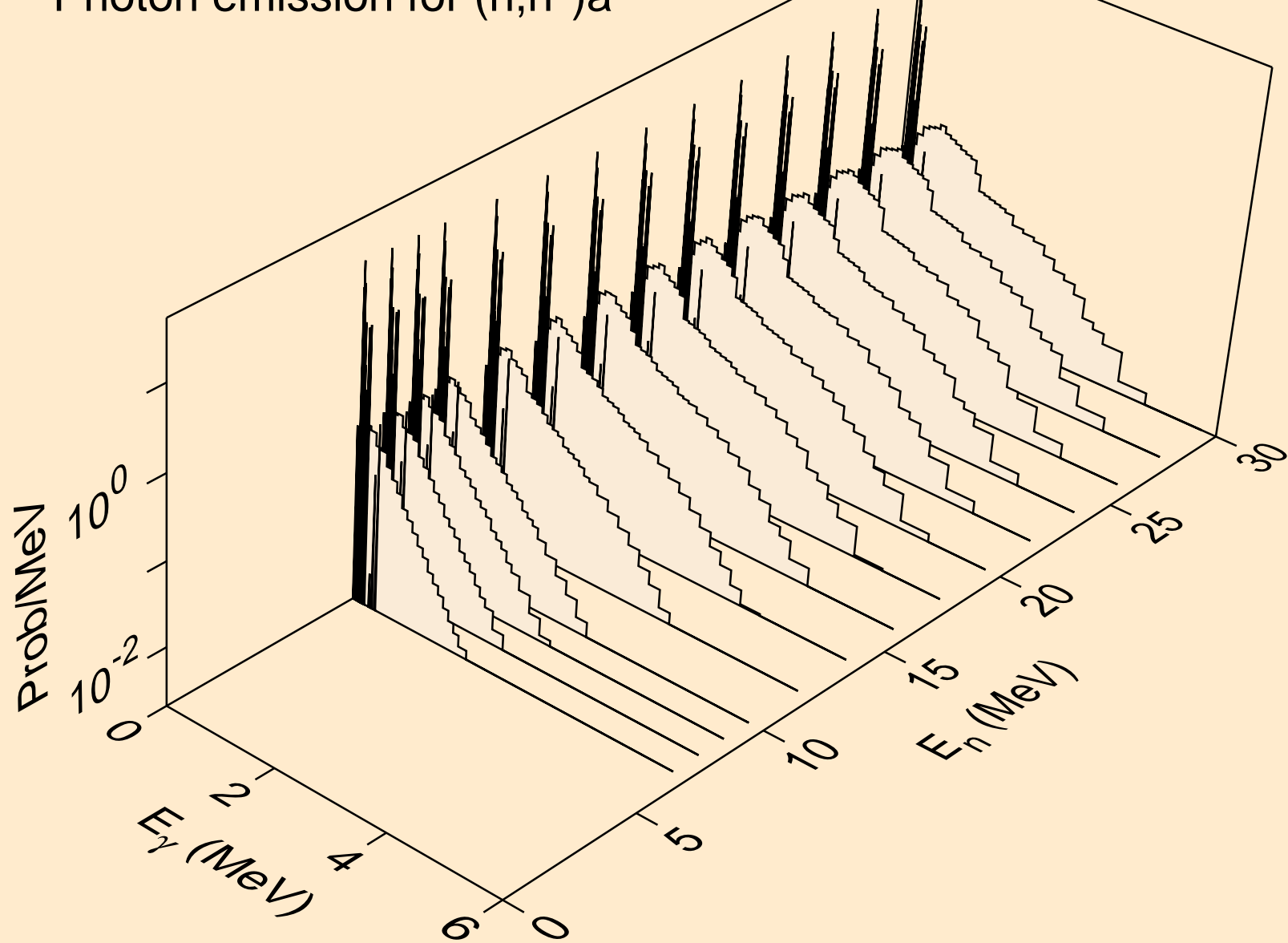
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



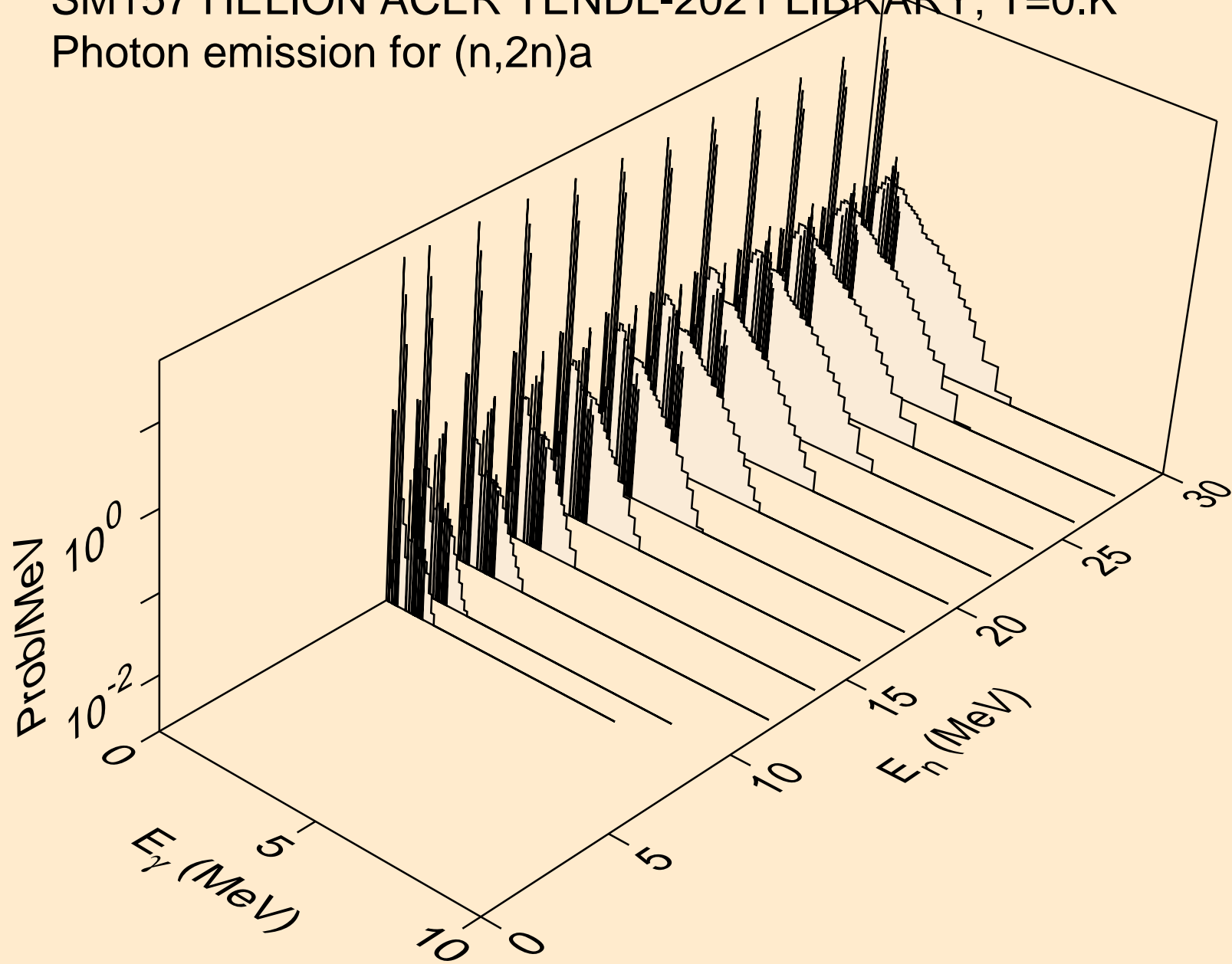
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



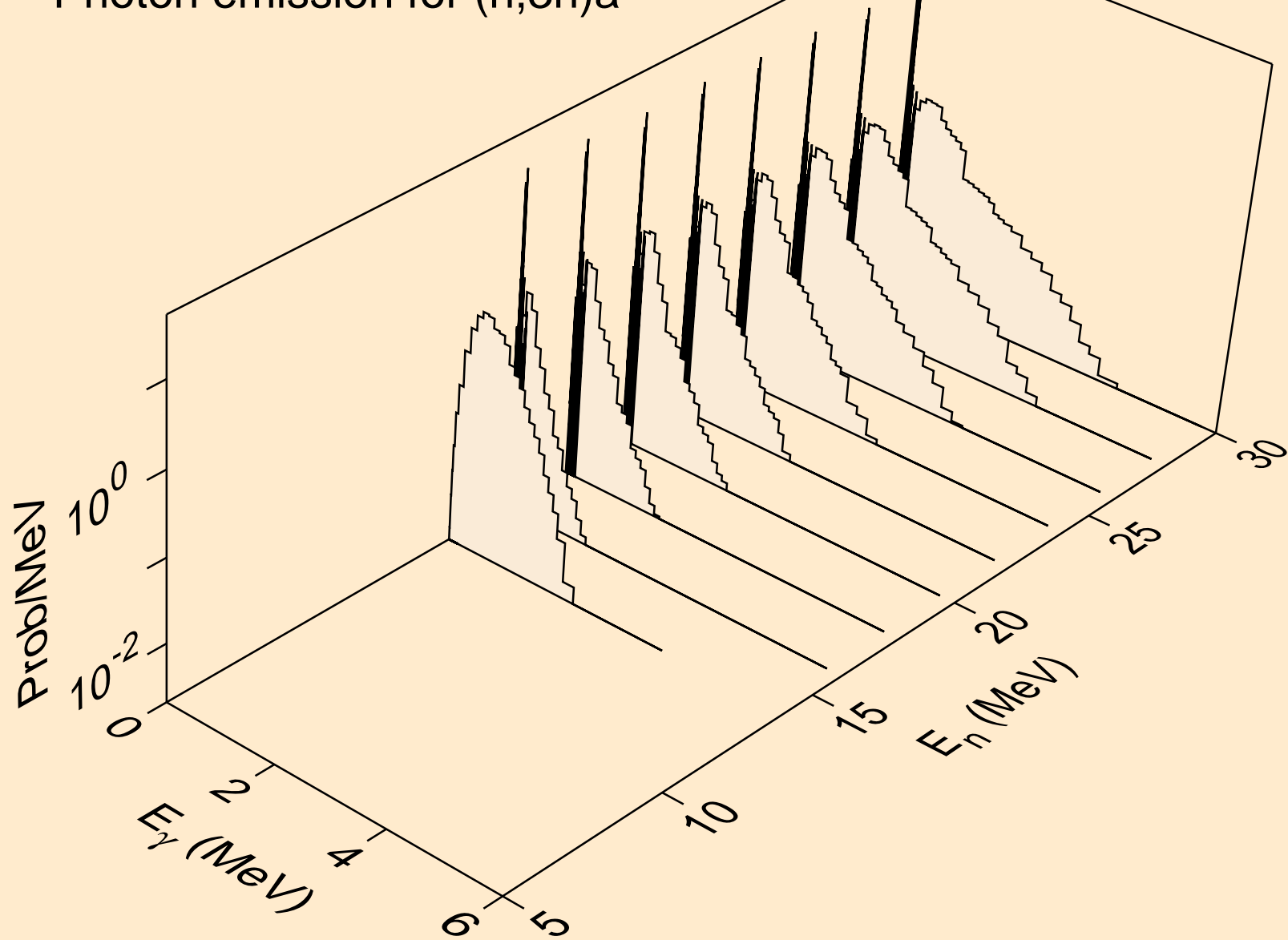
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

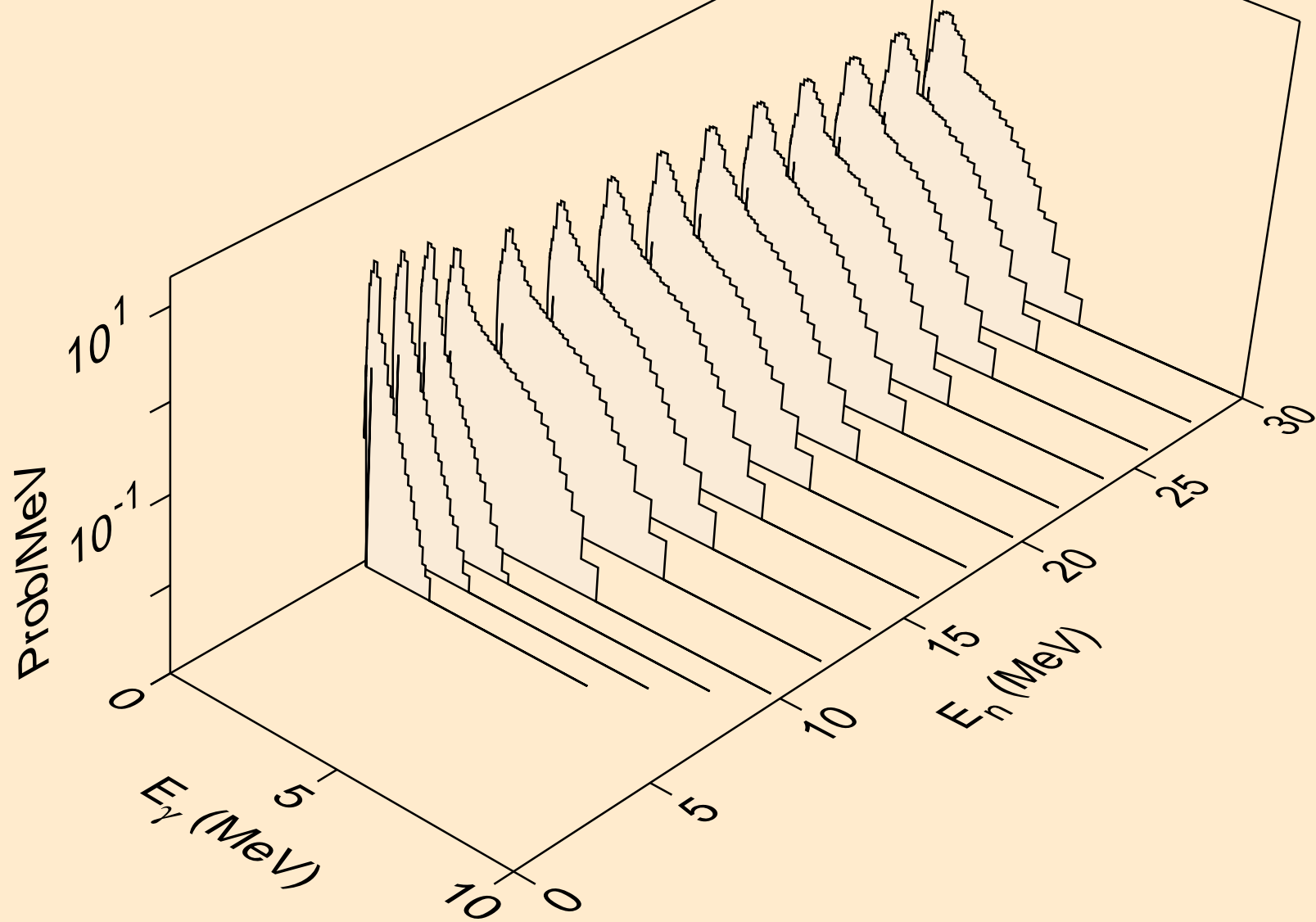


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a

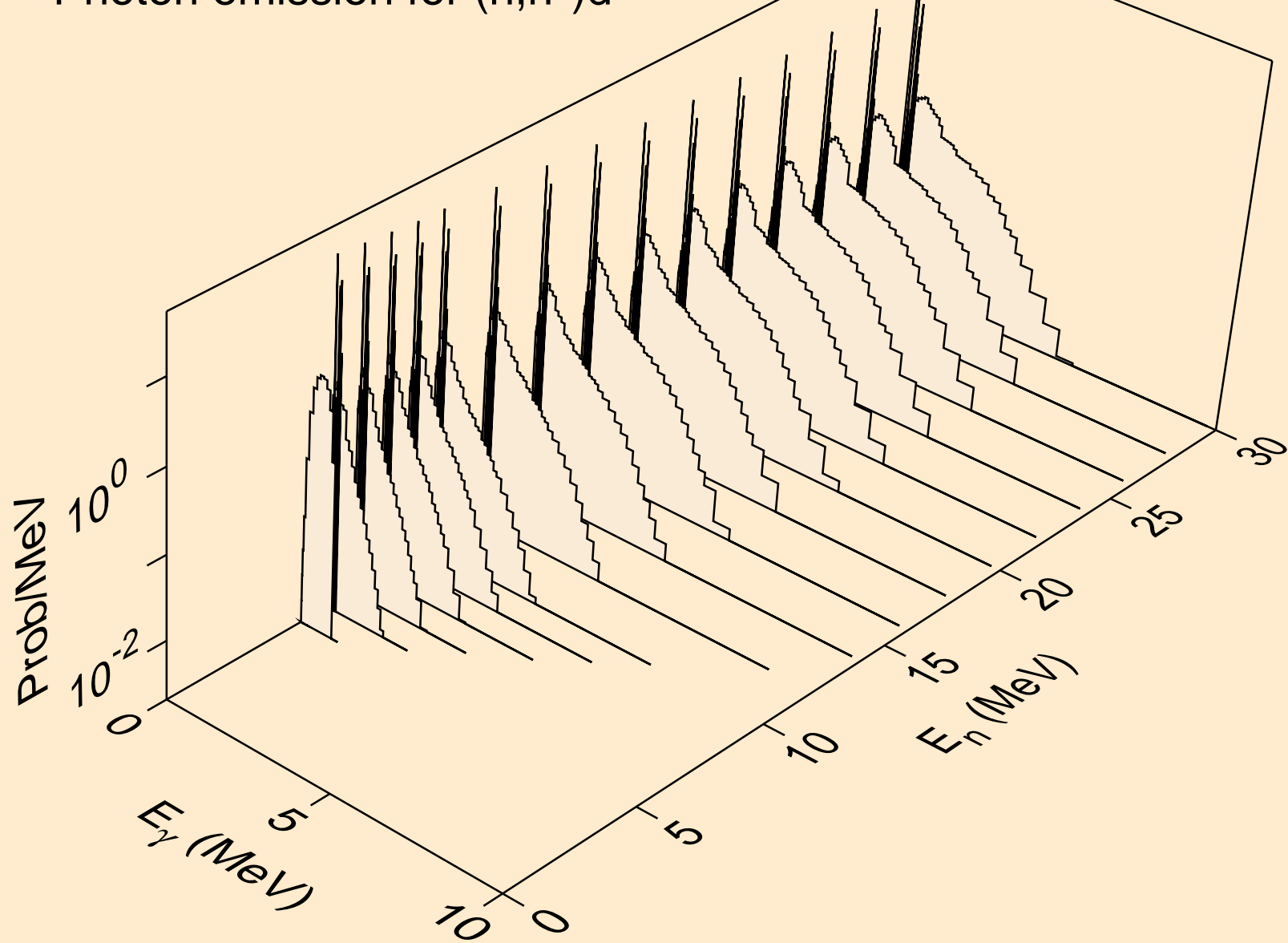




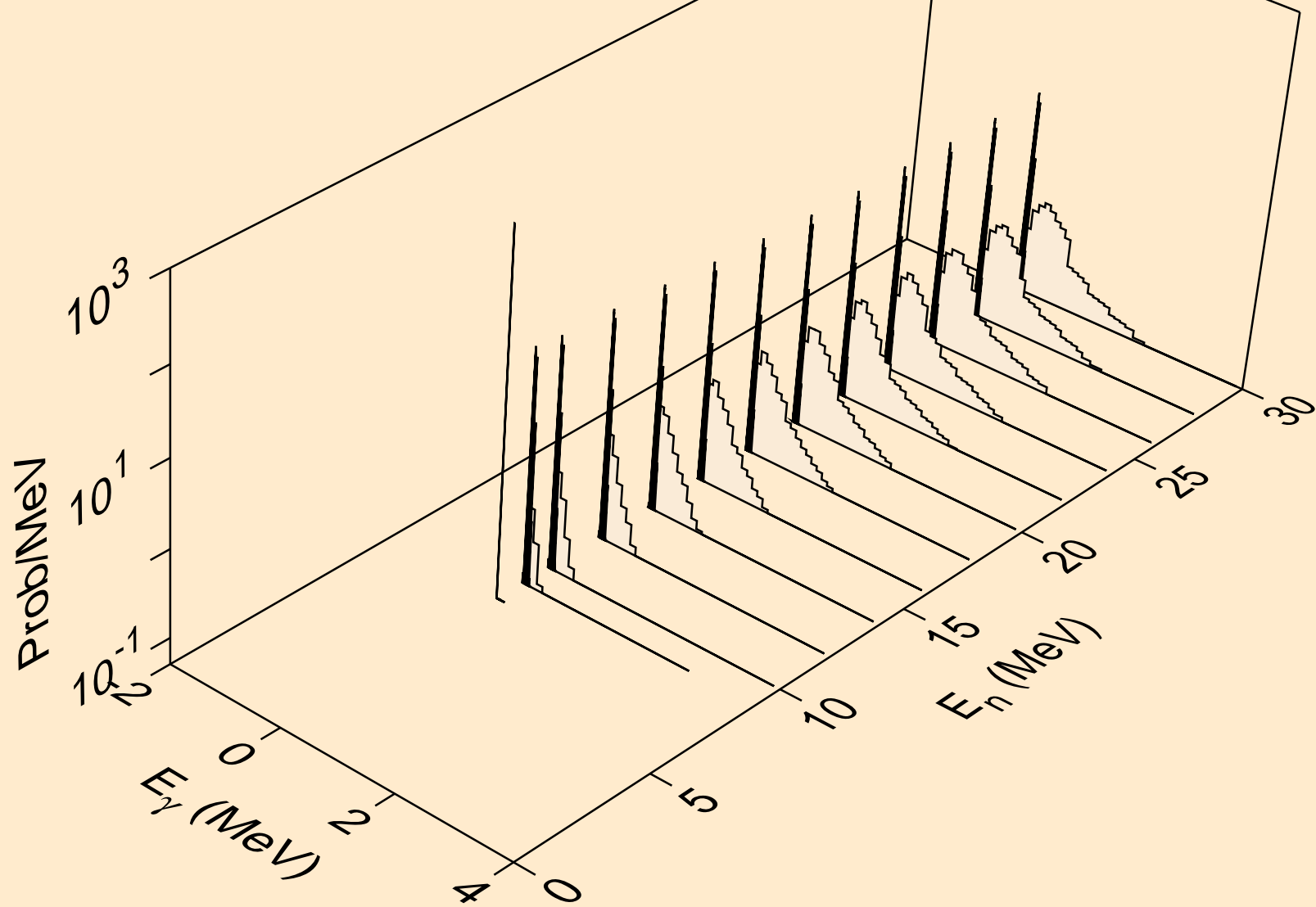
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



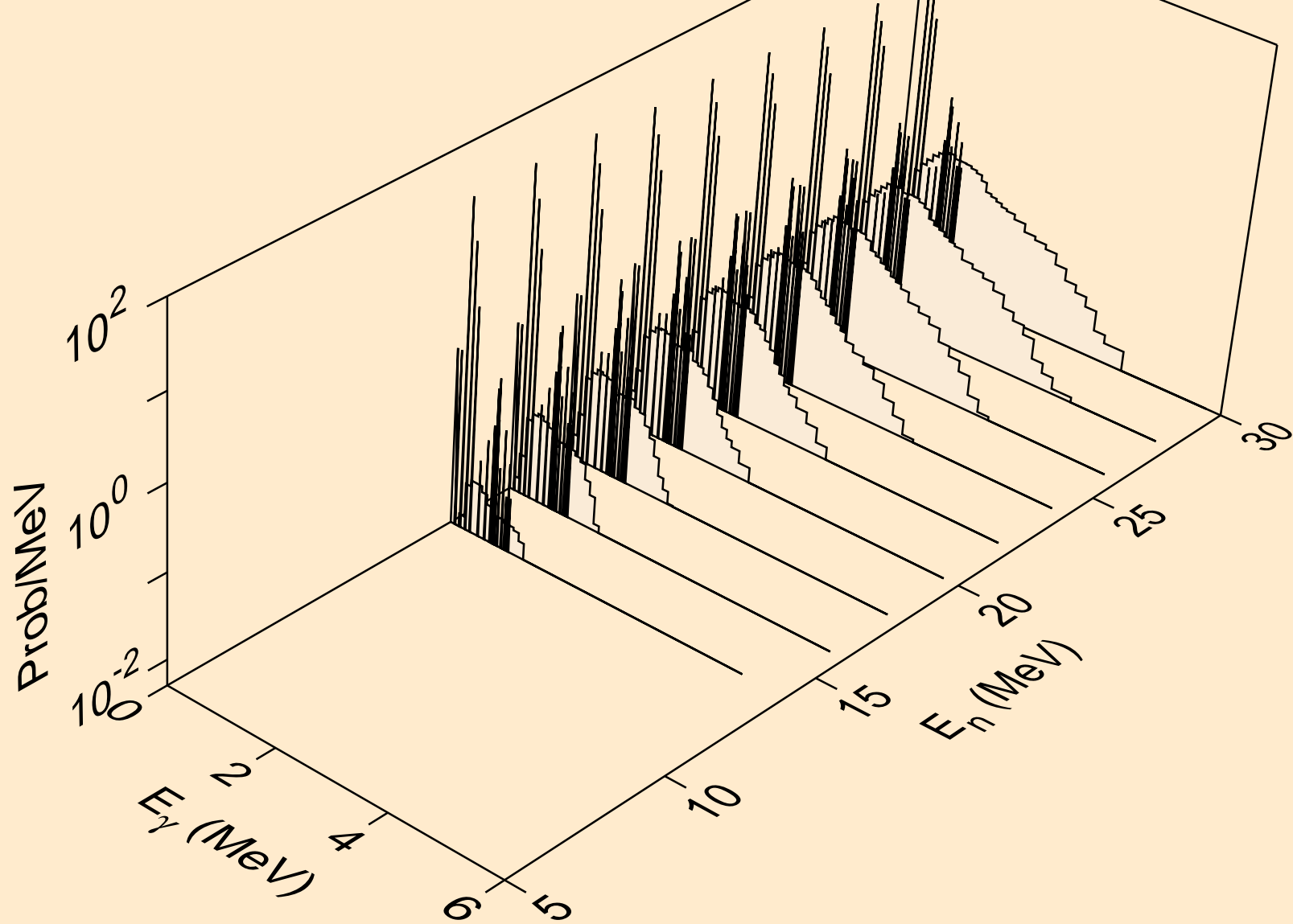
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



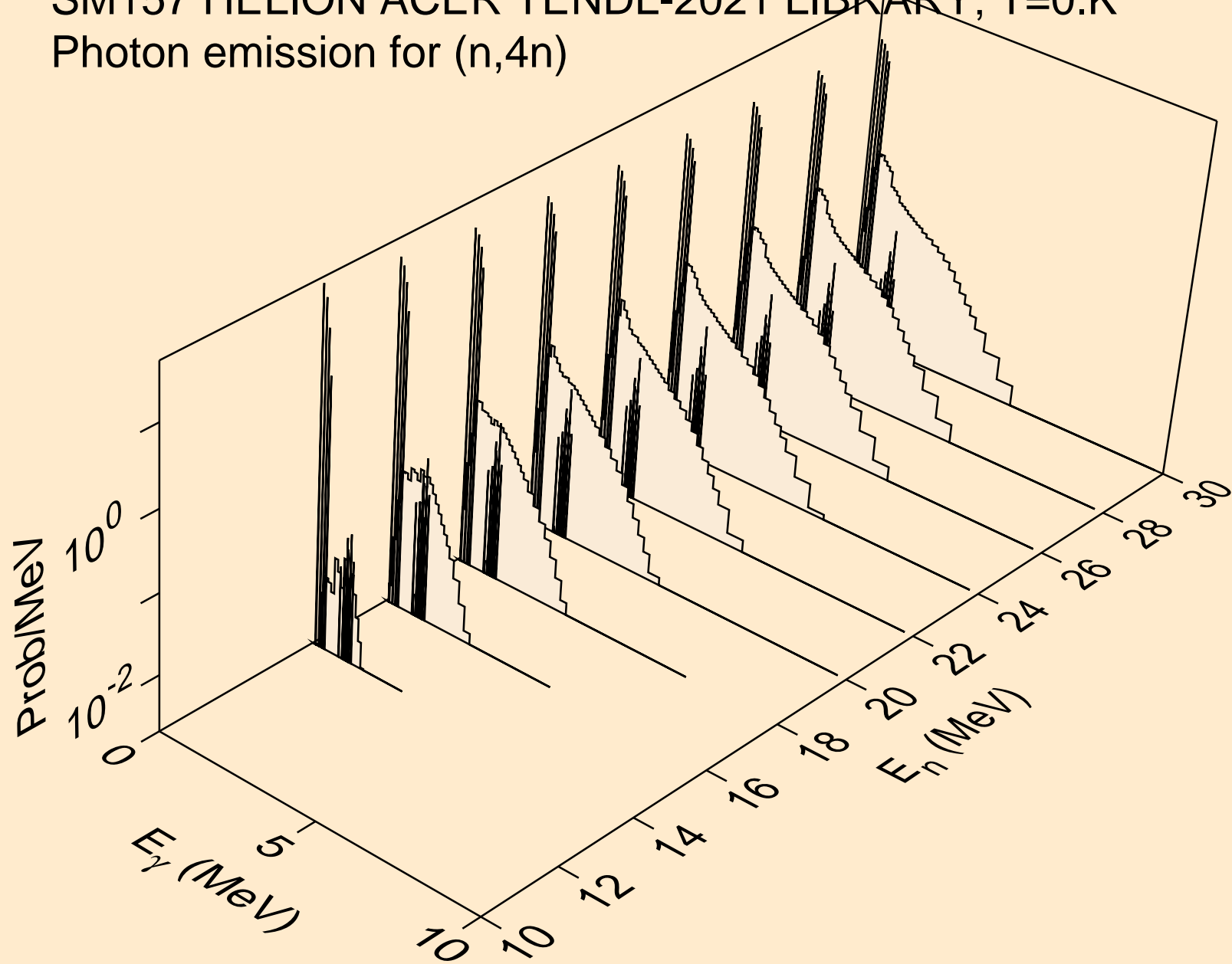
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



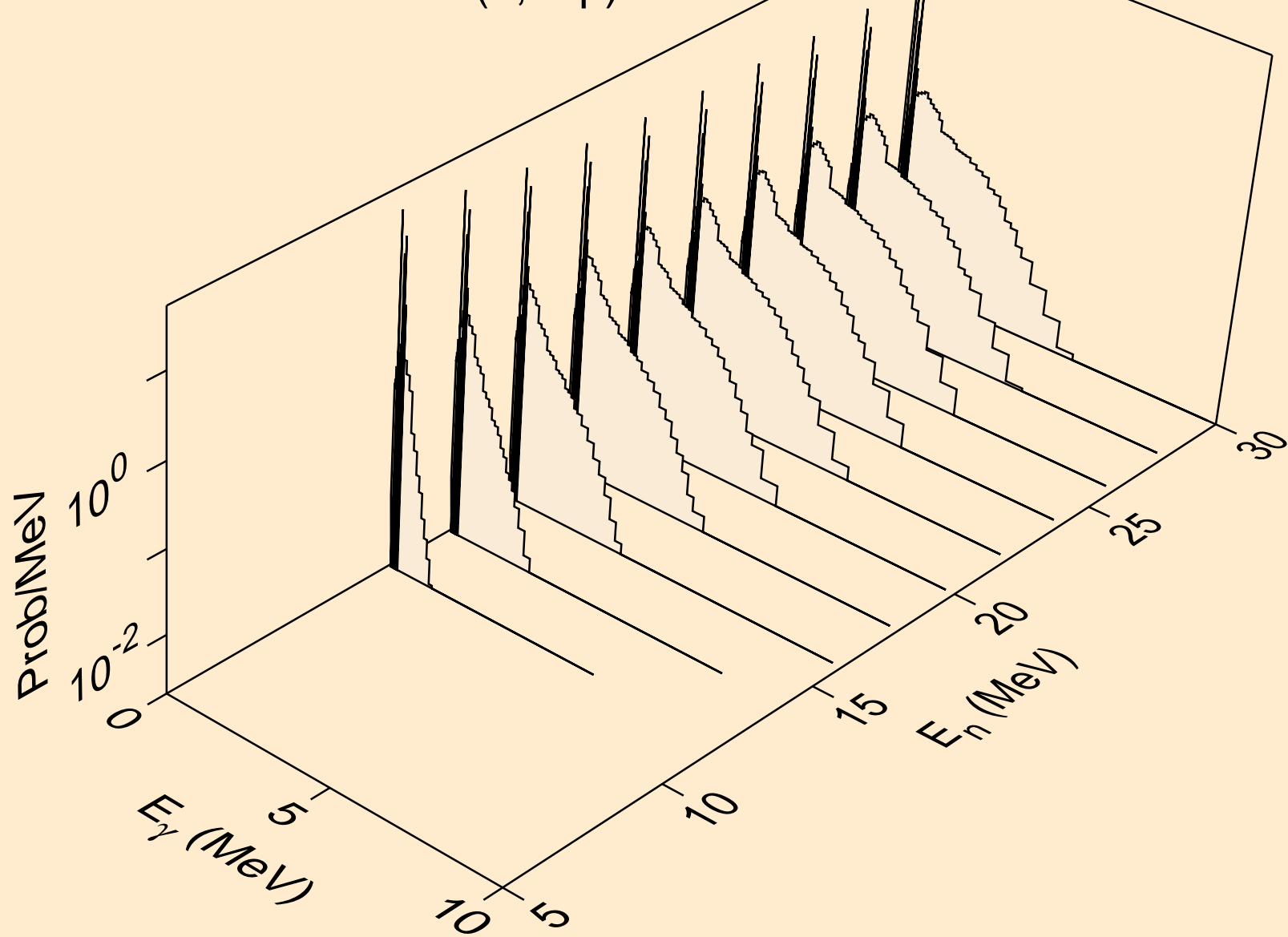
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



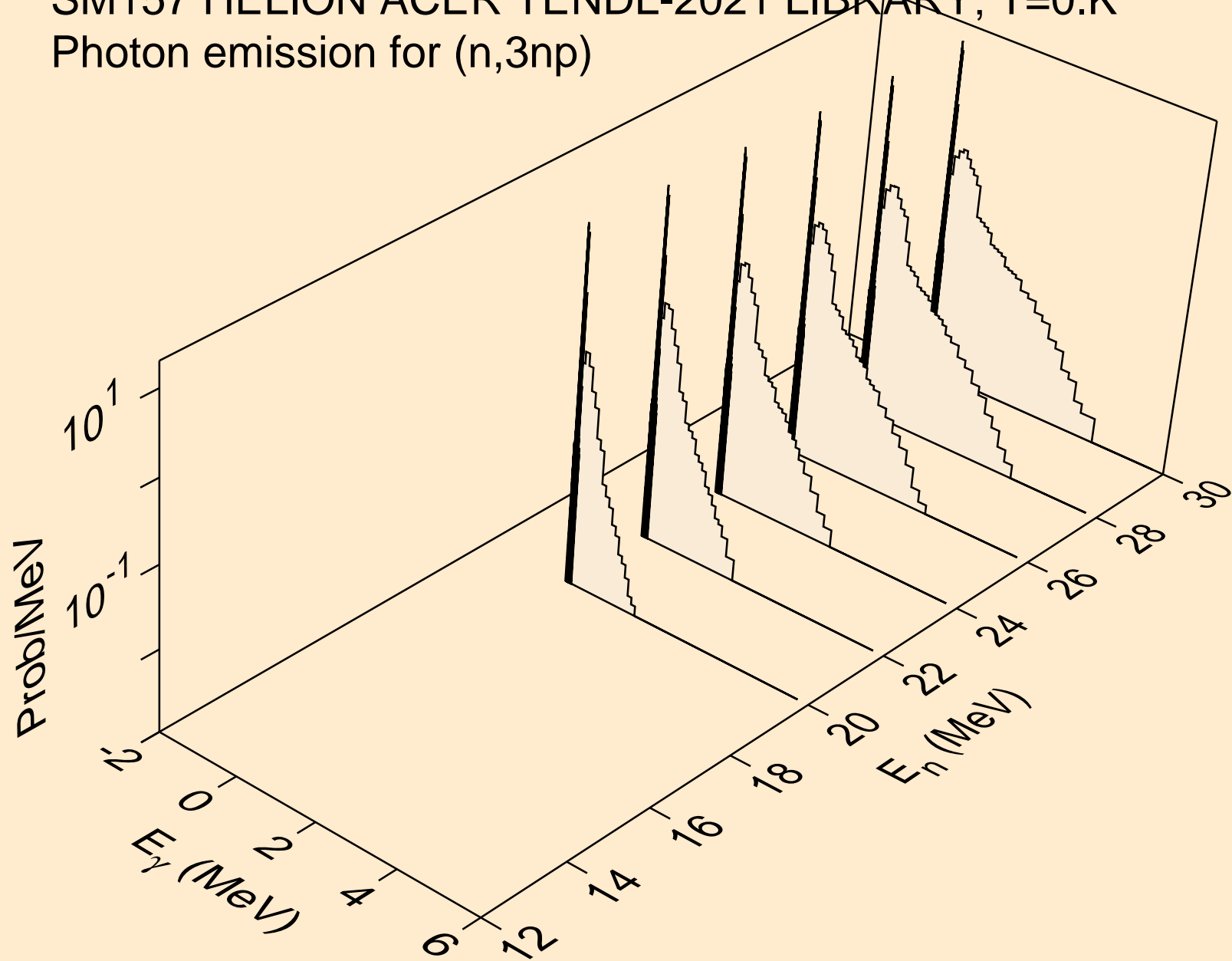
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



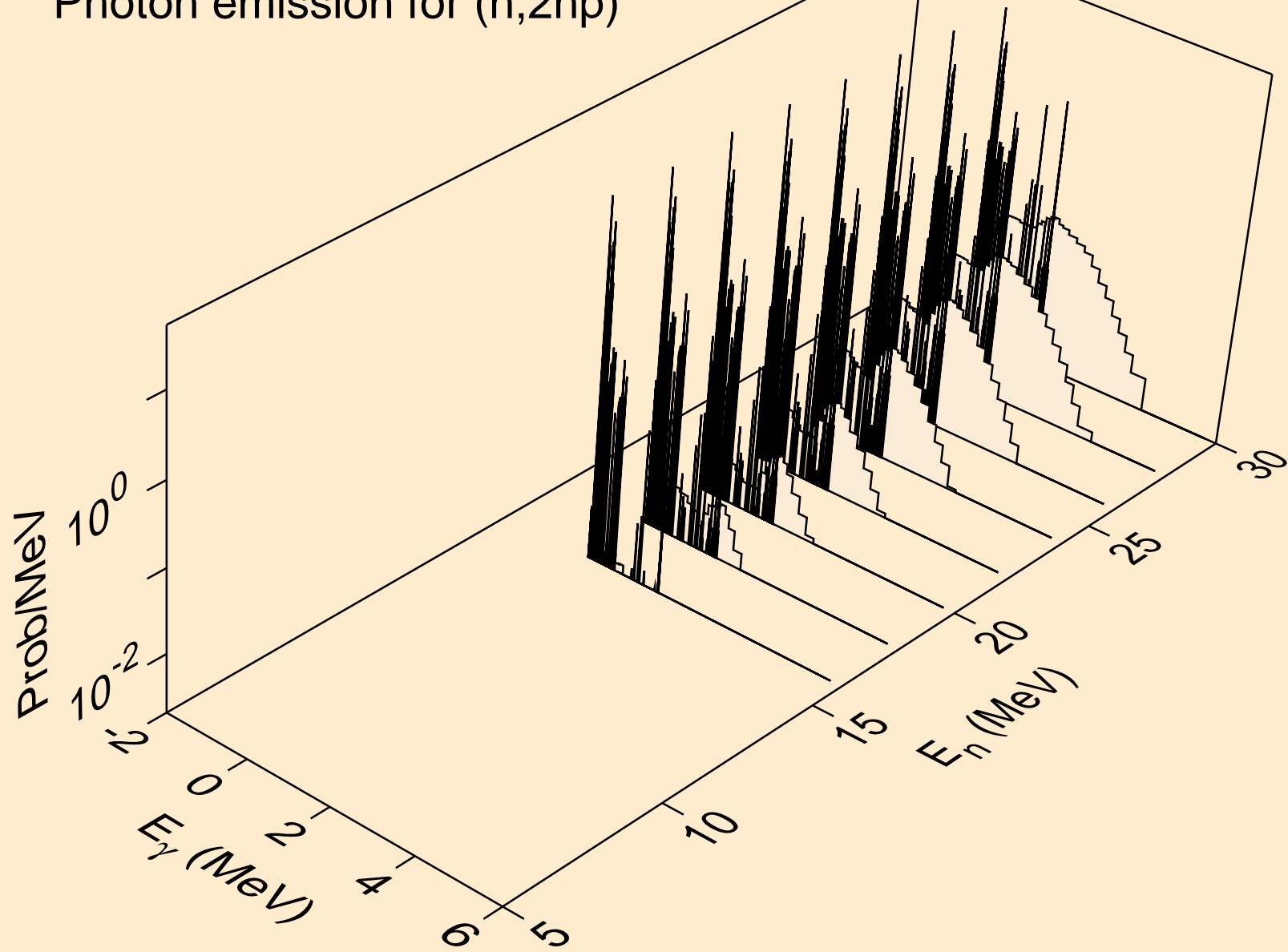
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

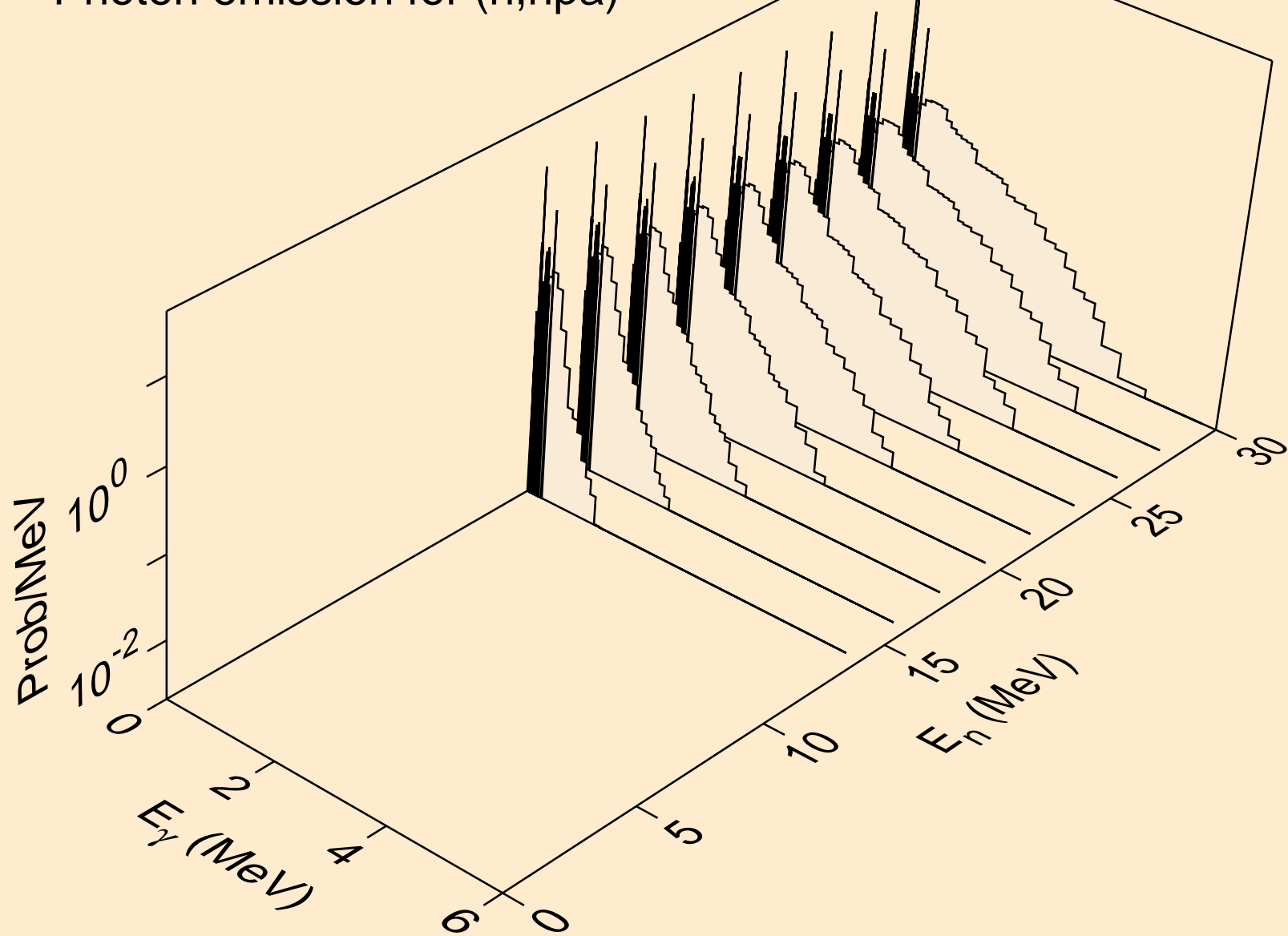


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

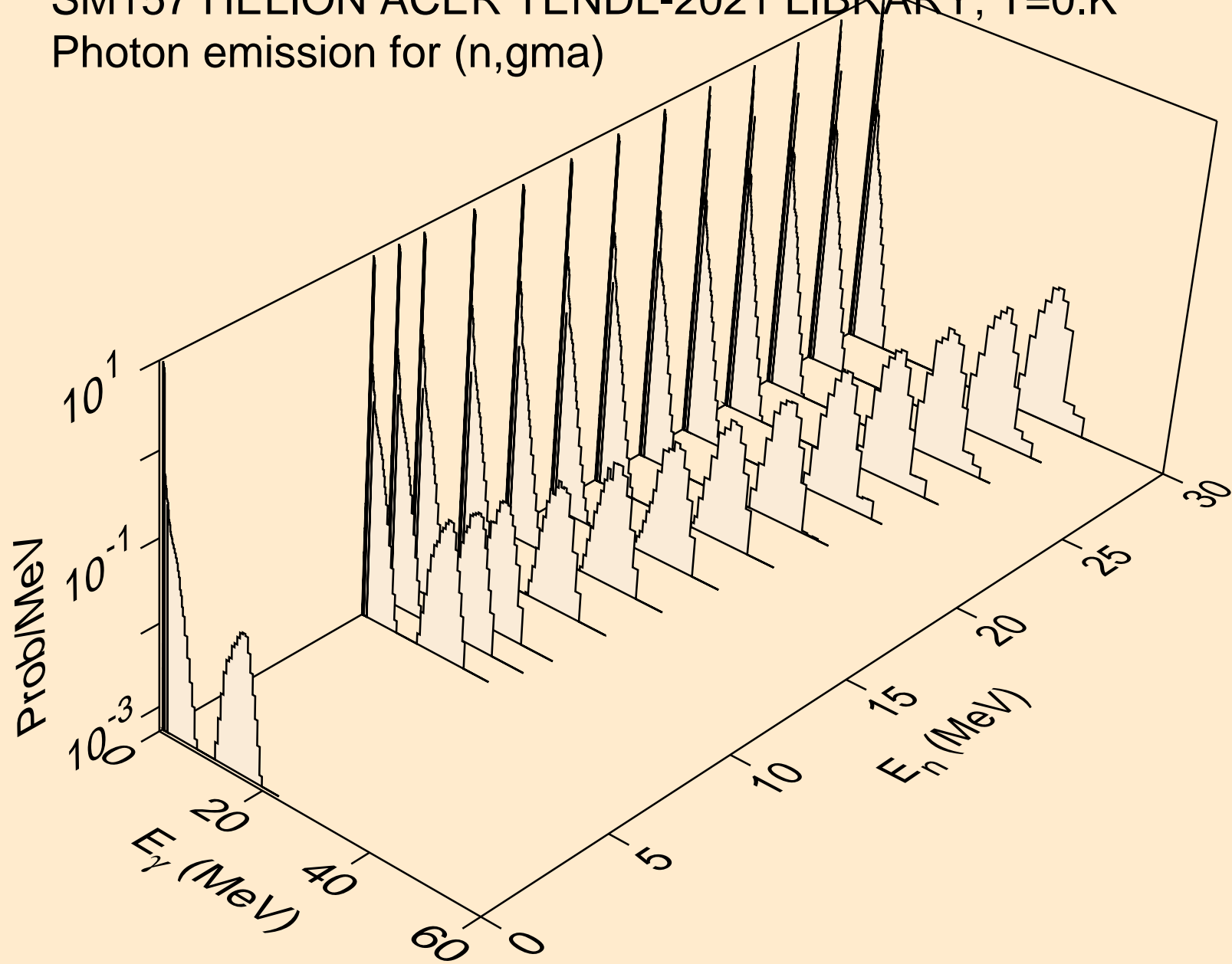




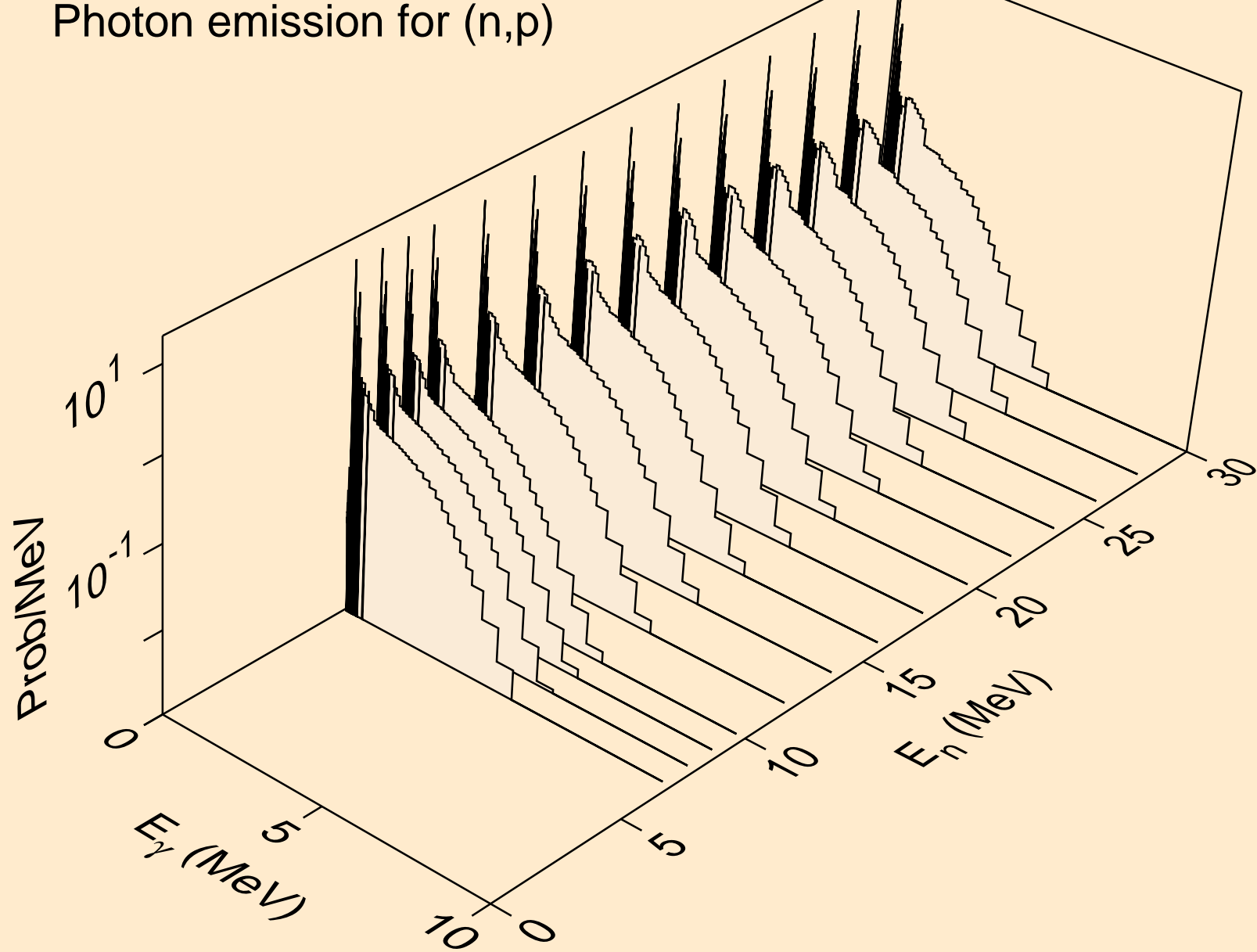
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



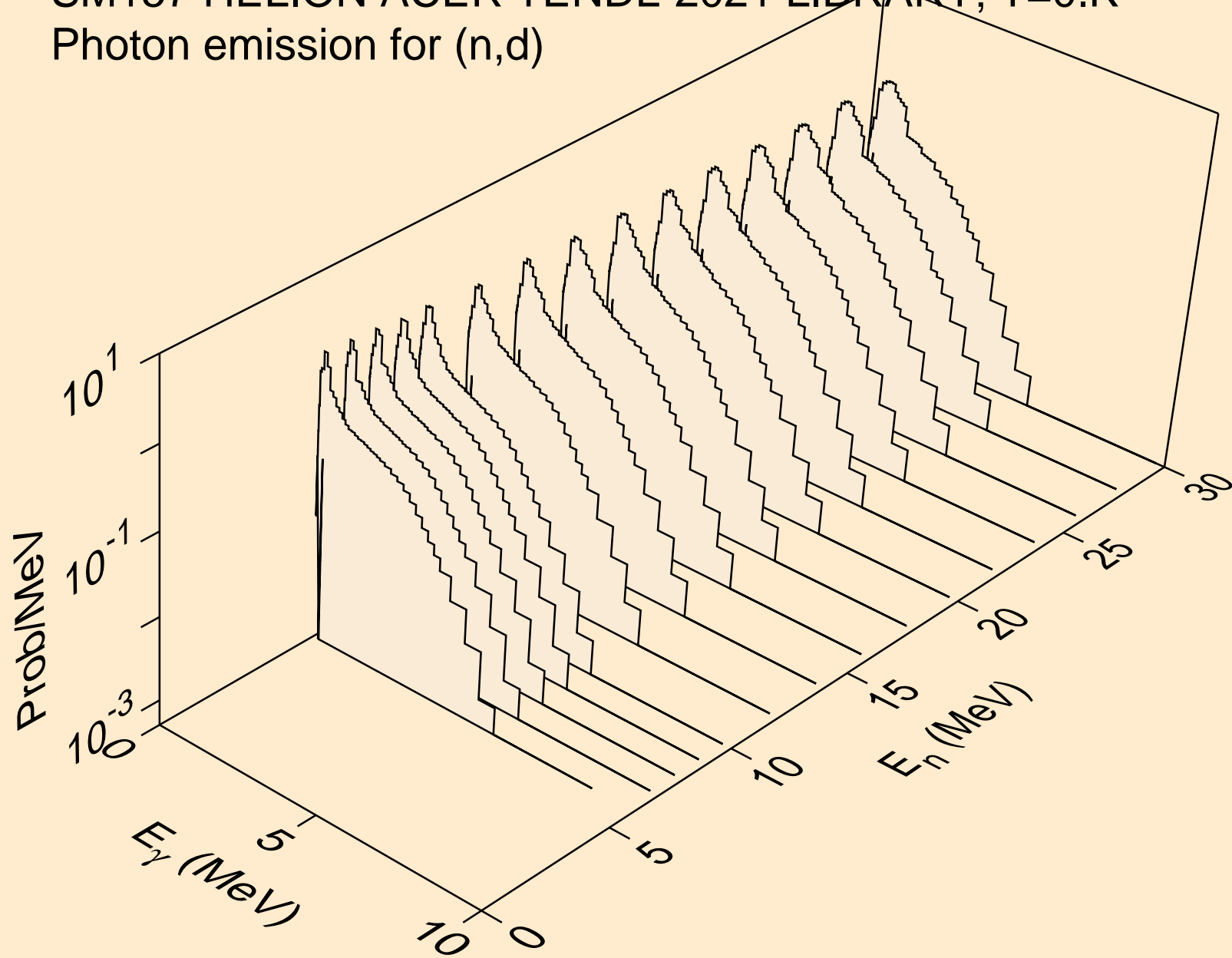
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



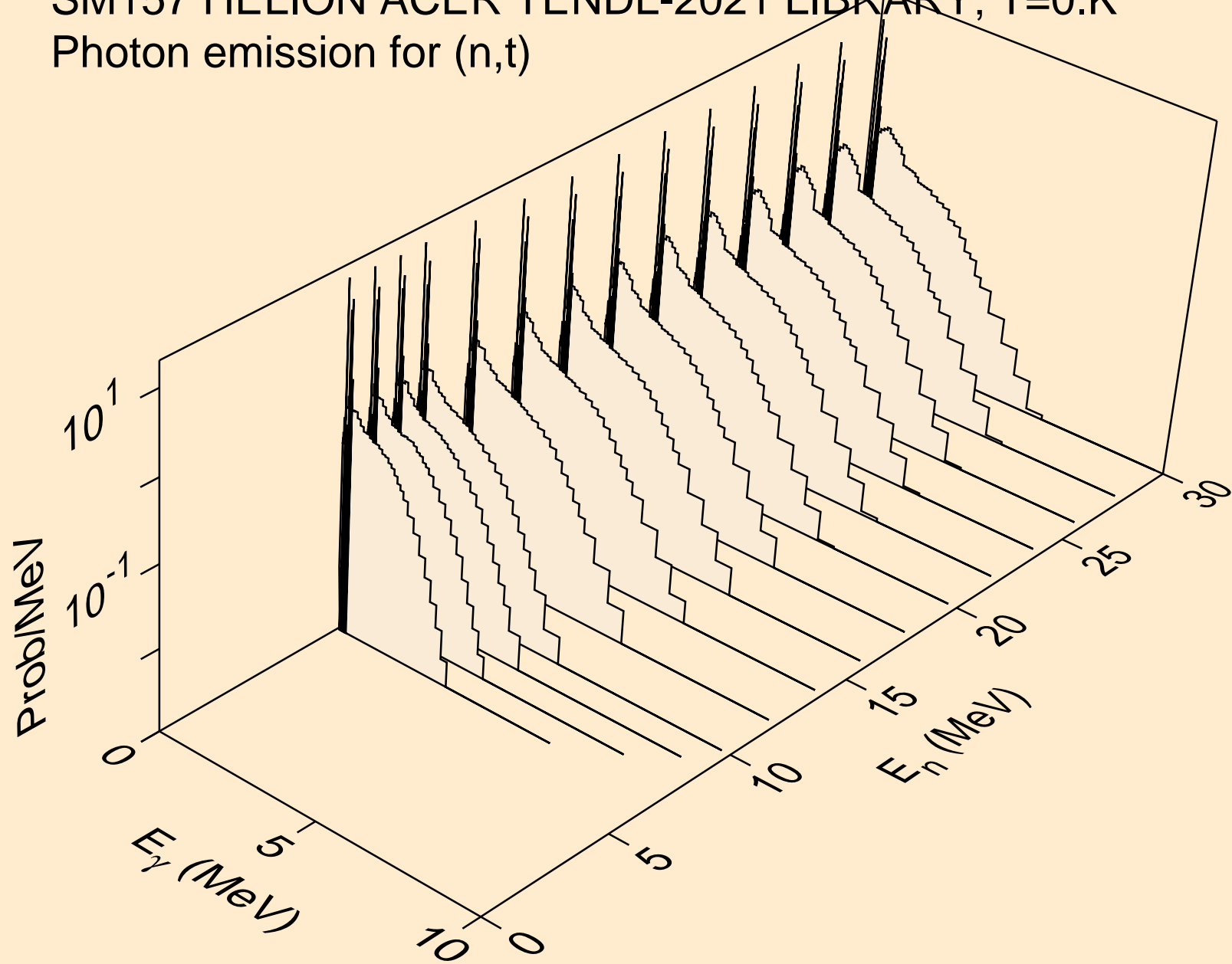
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



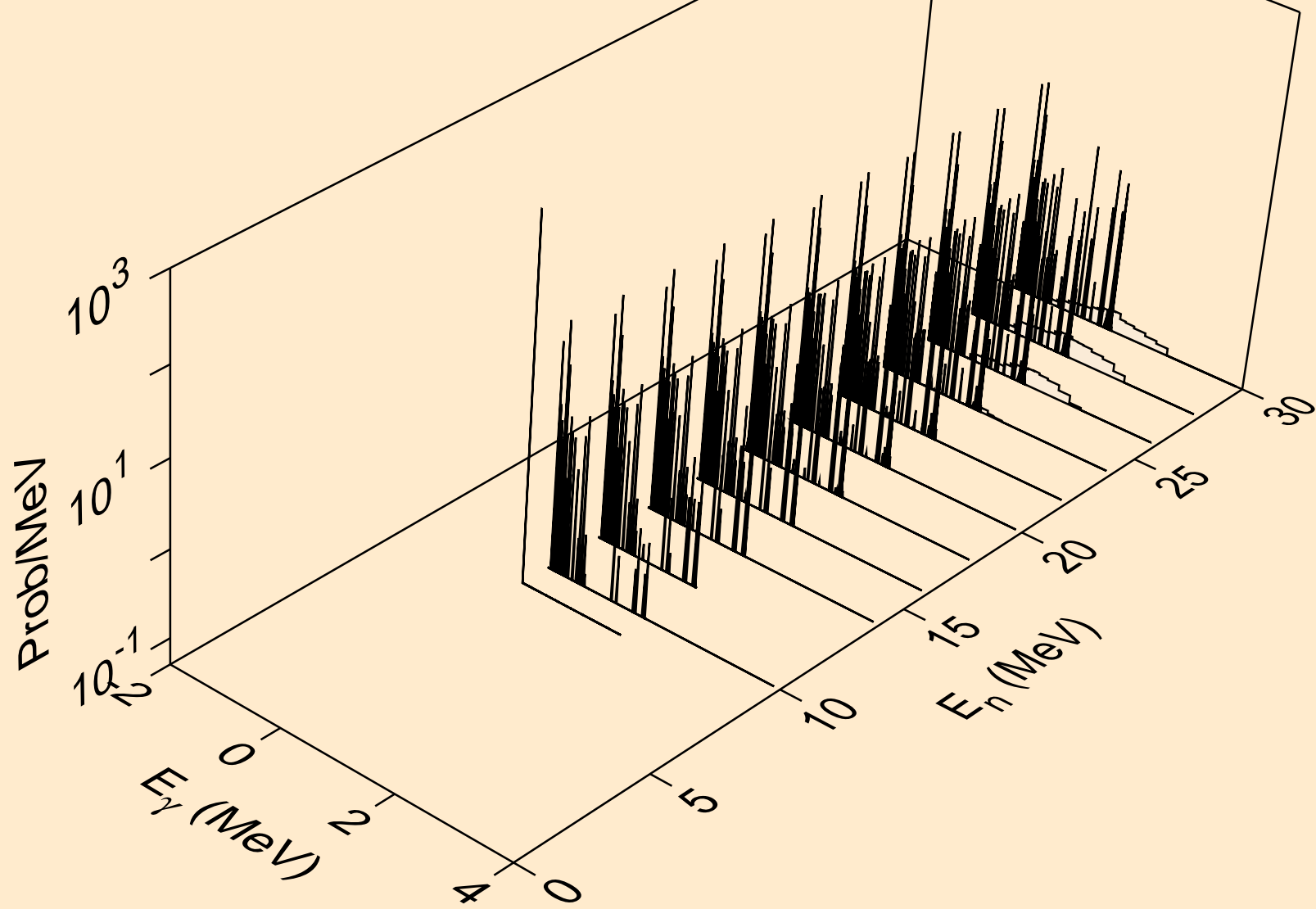
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



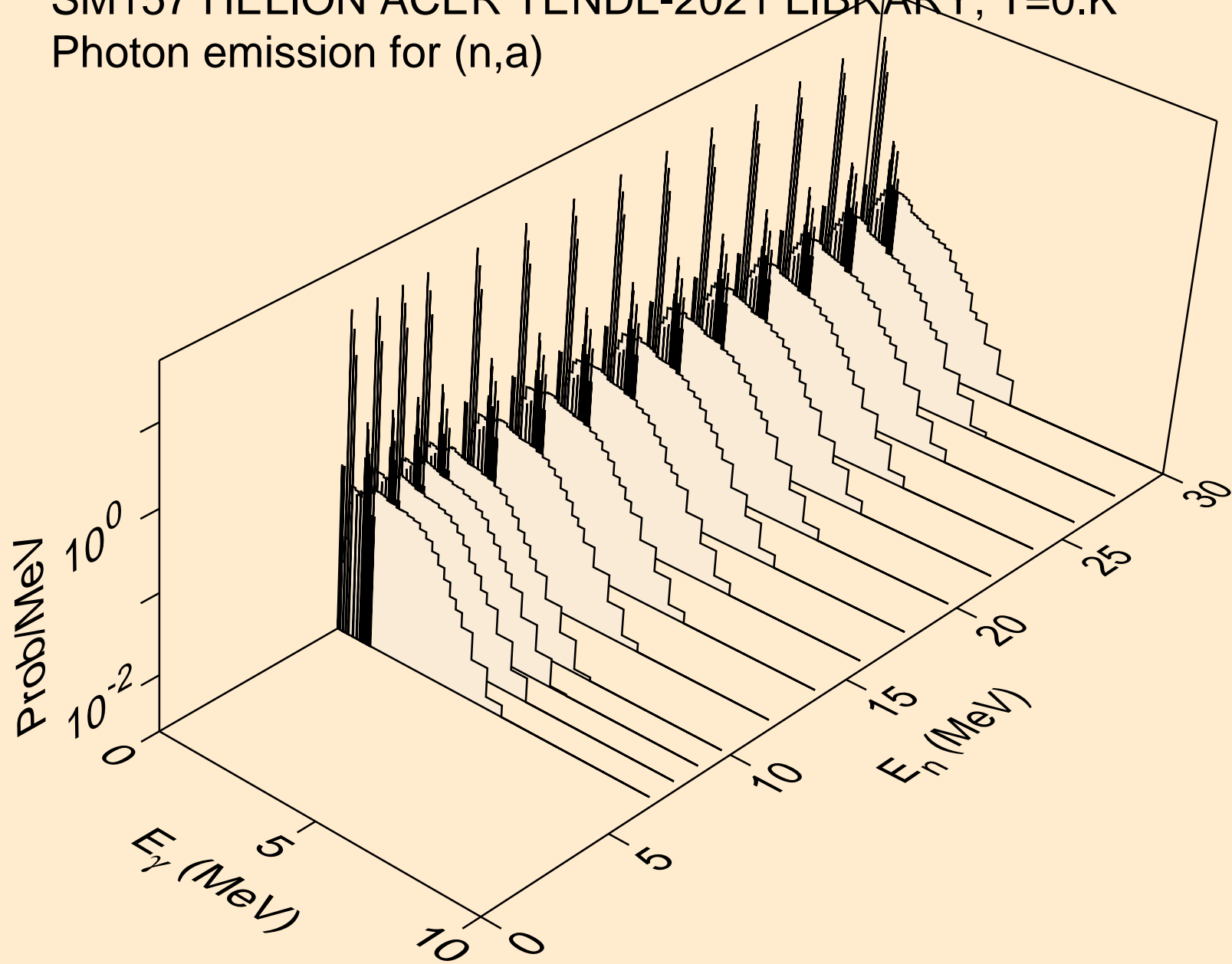
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



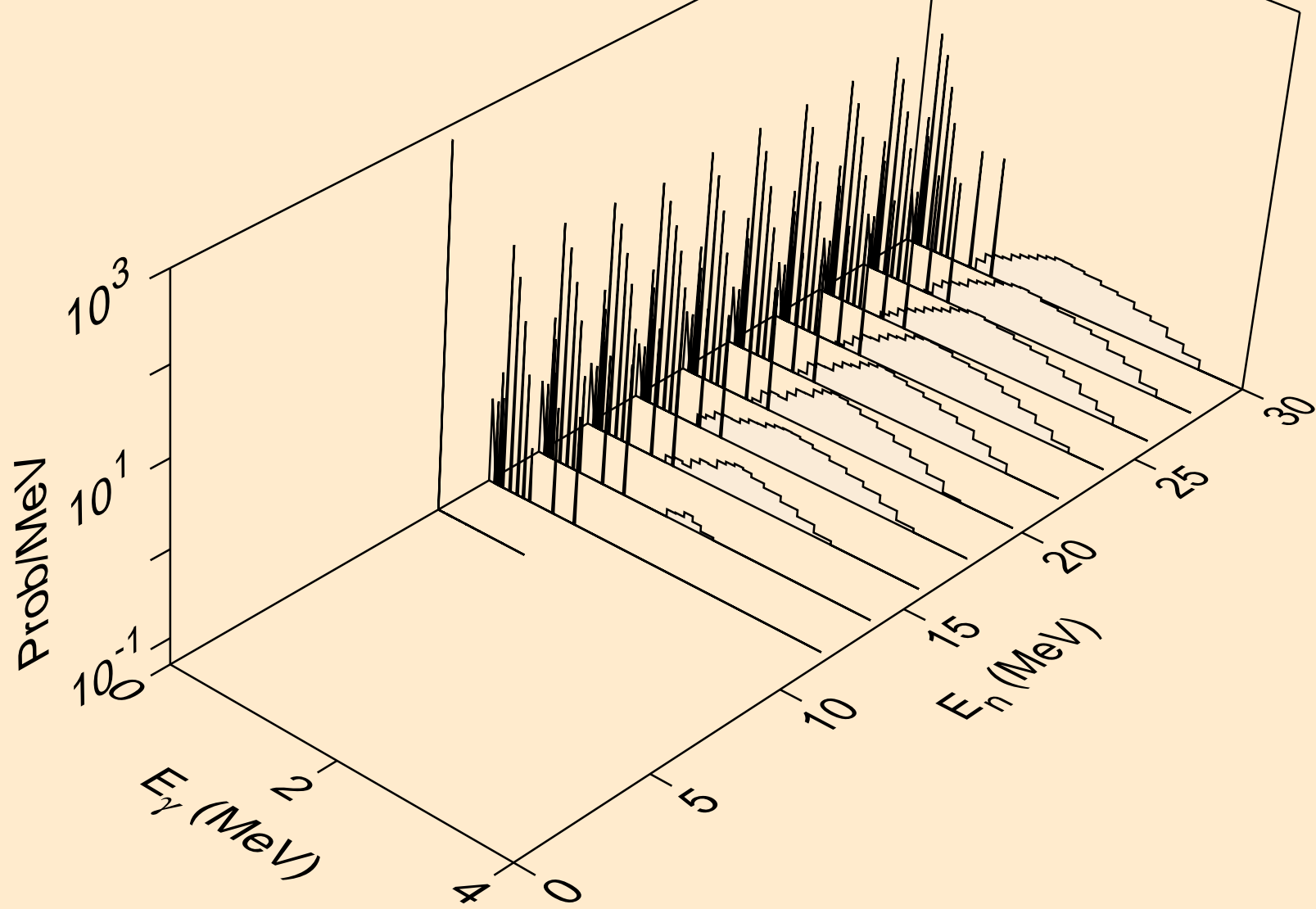
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

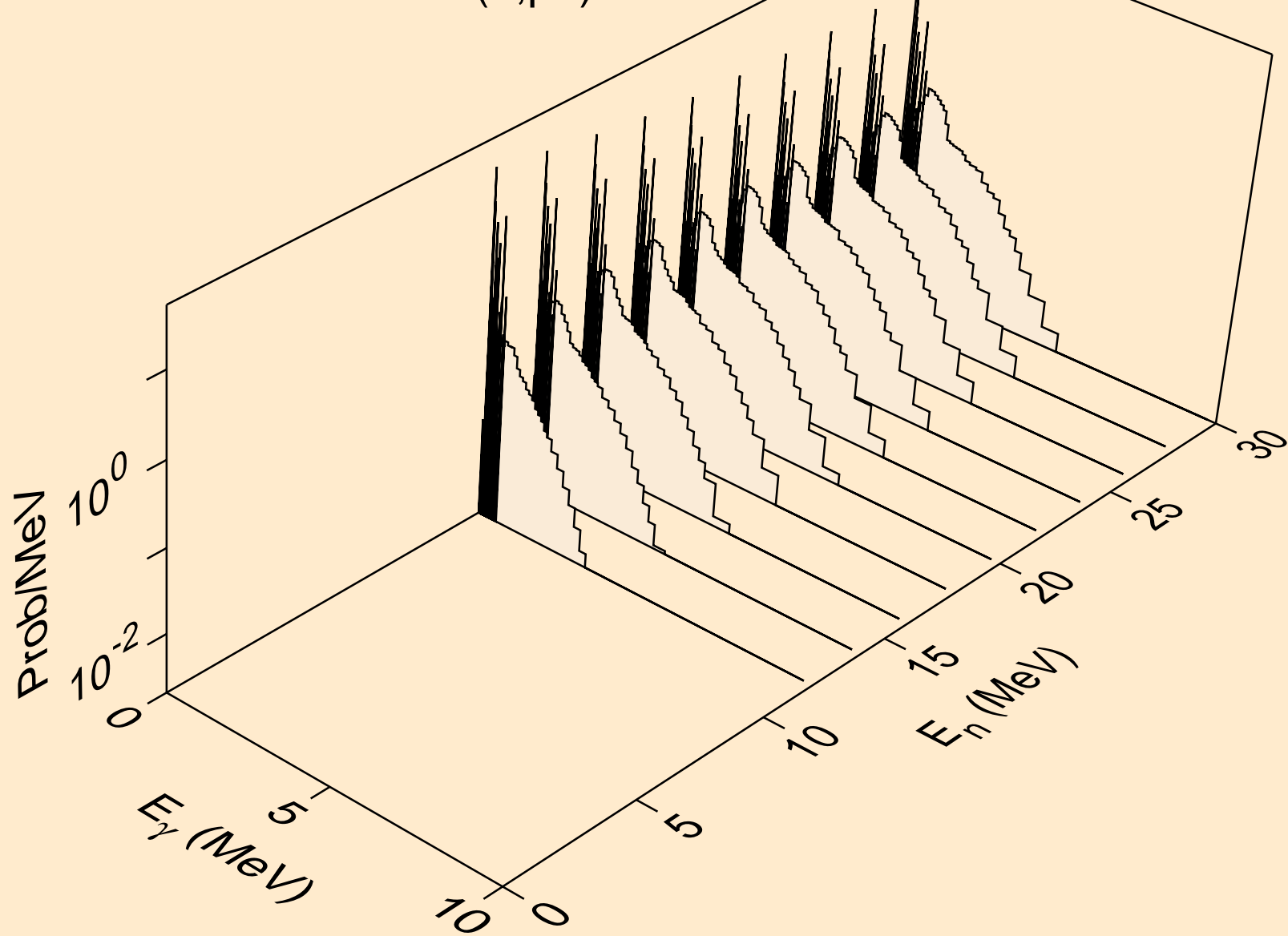


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

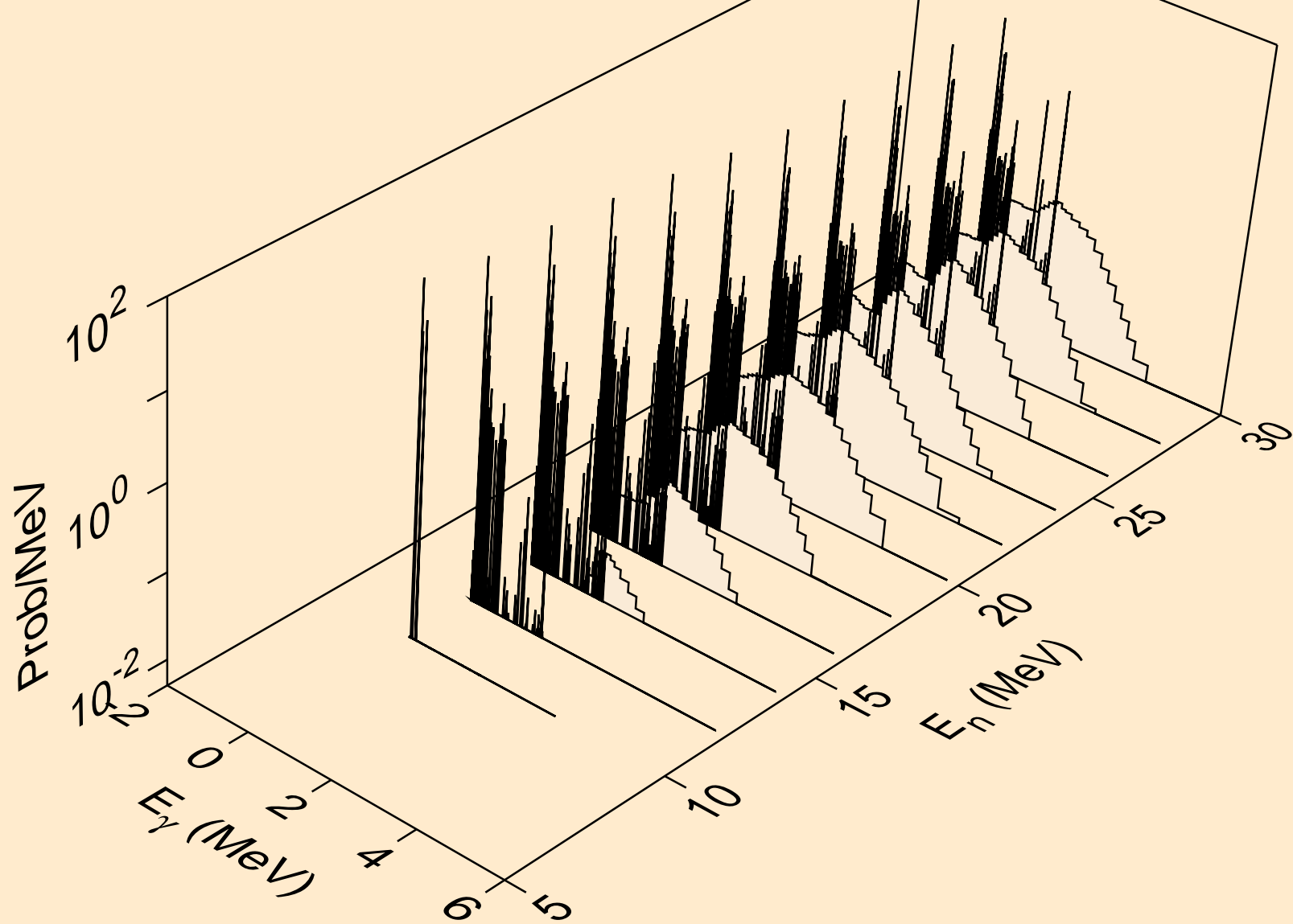




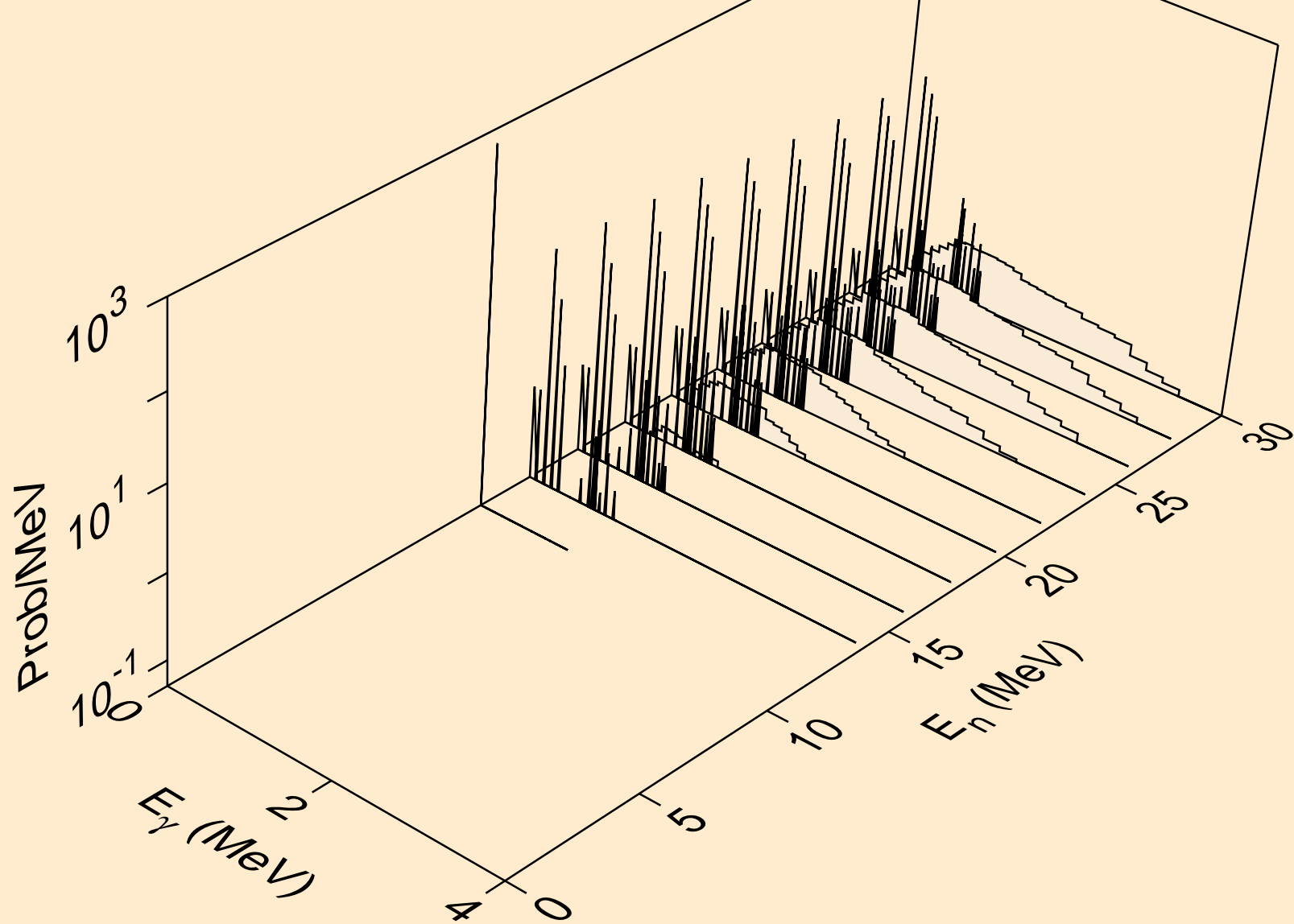
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



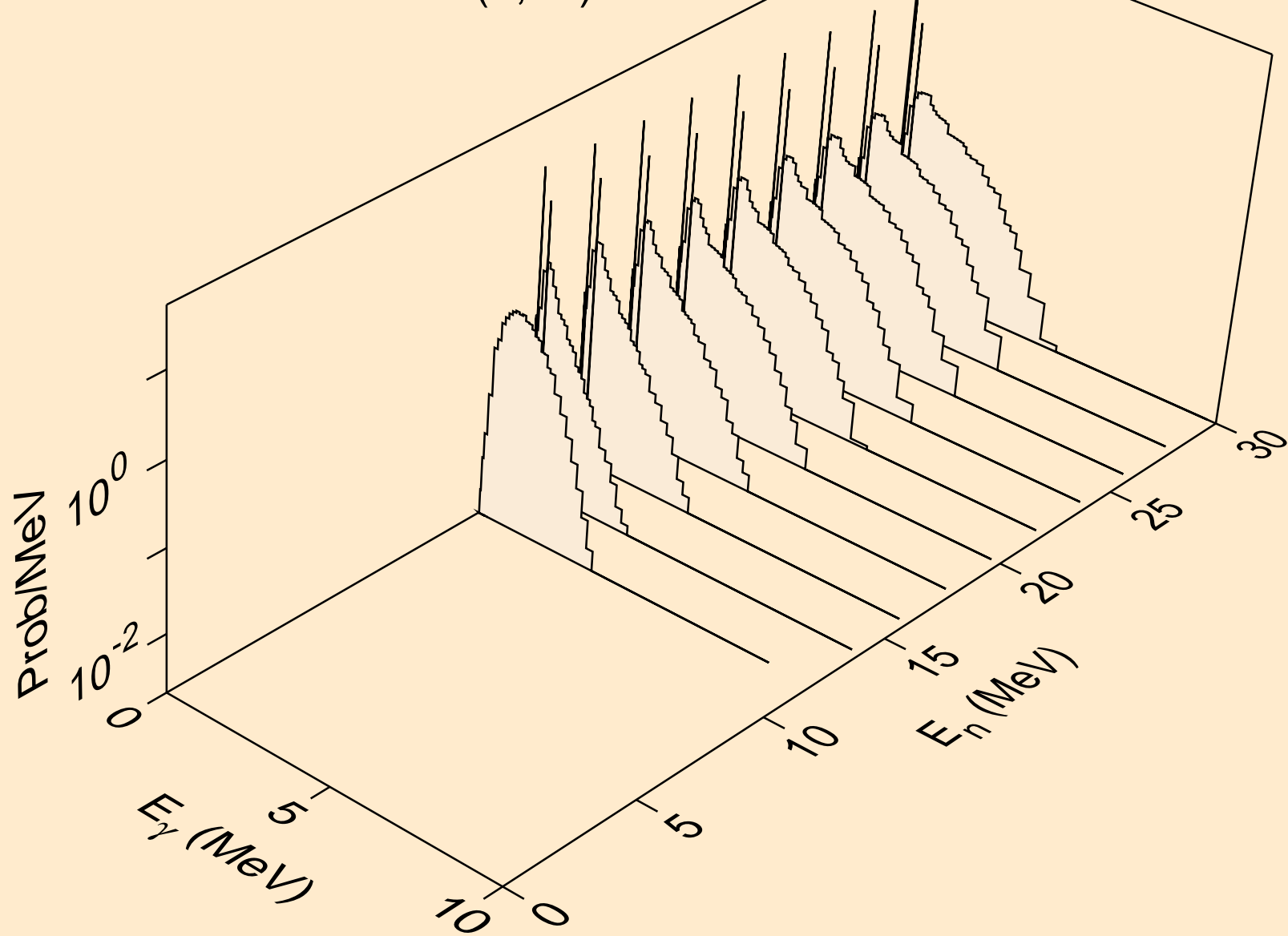
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

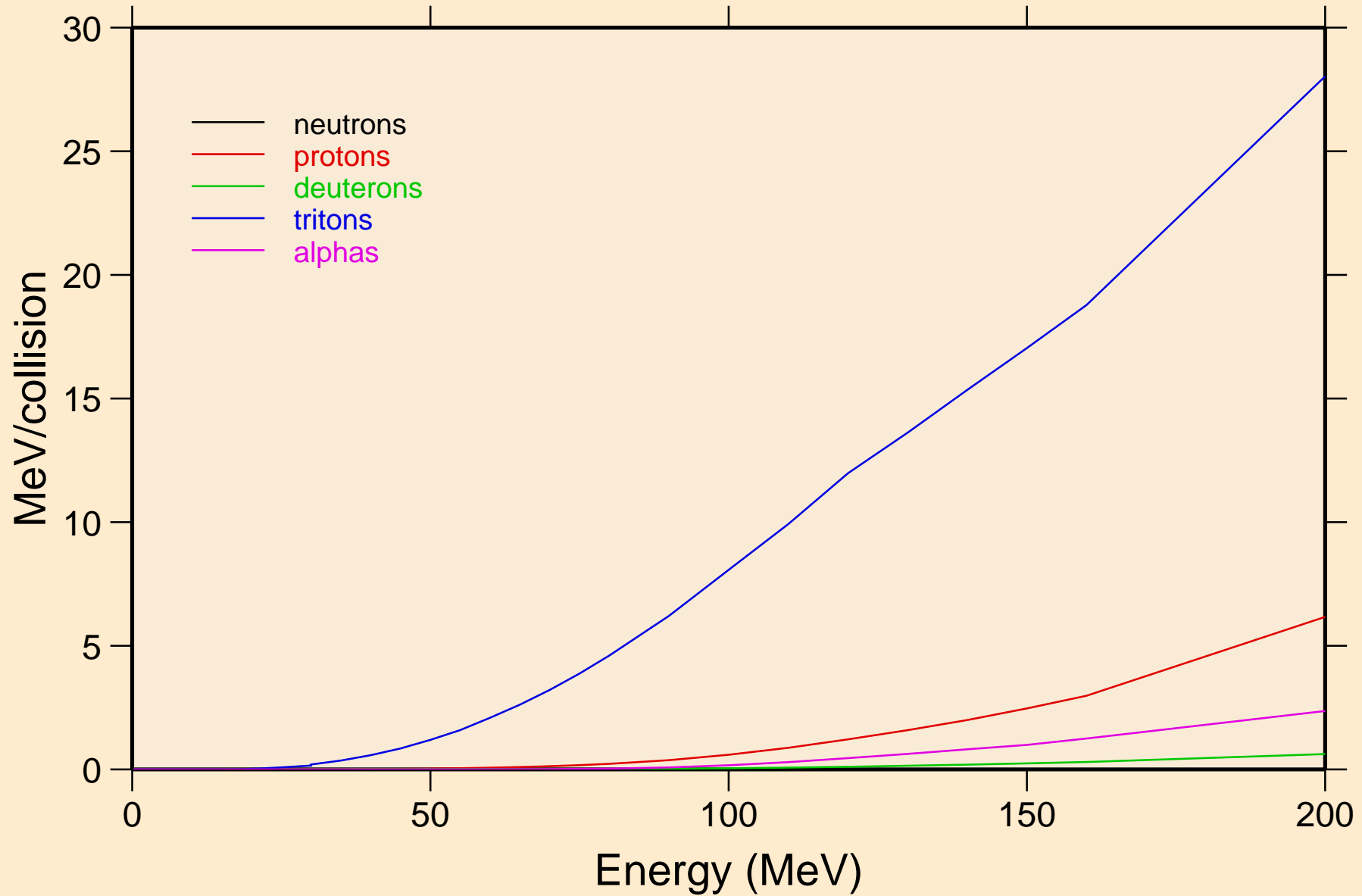


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



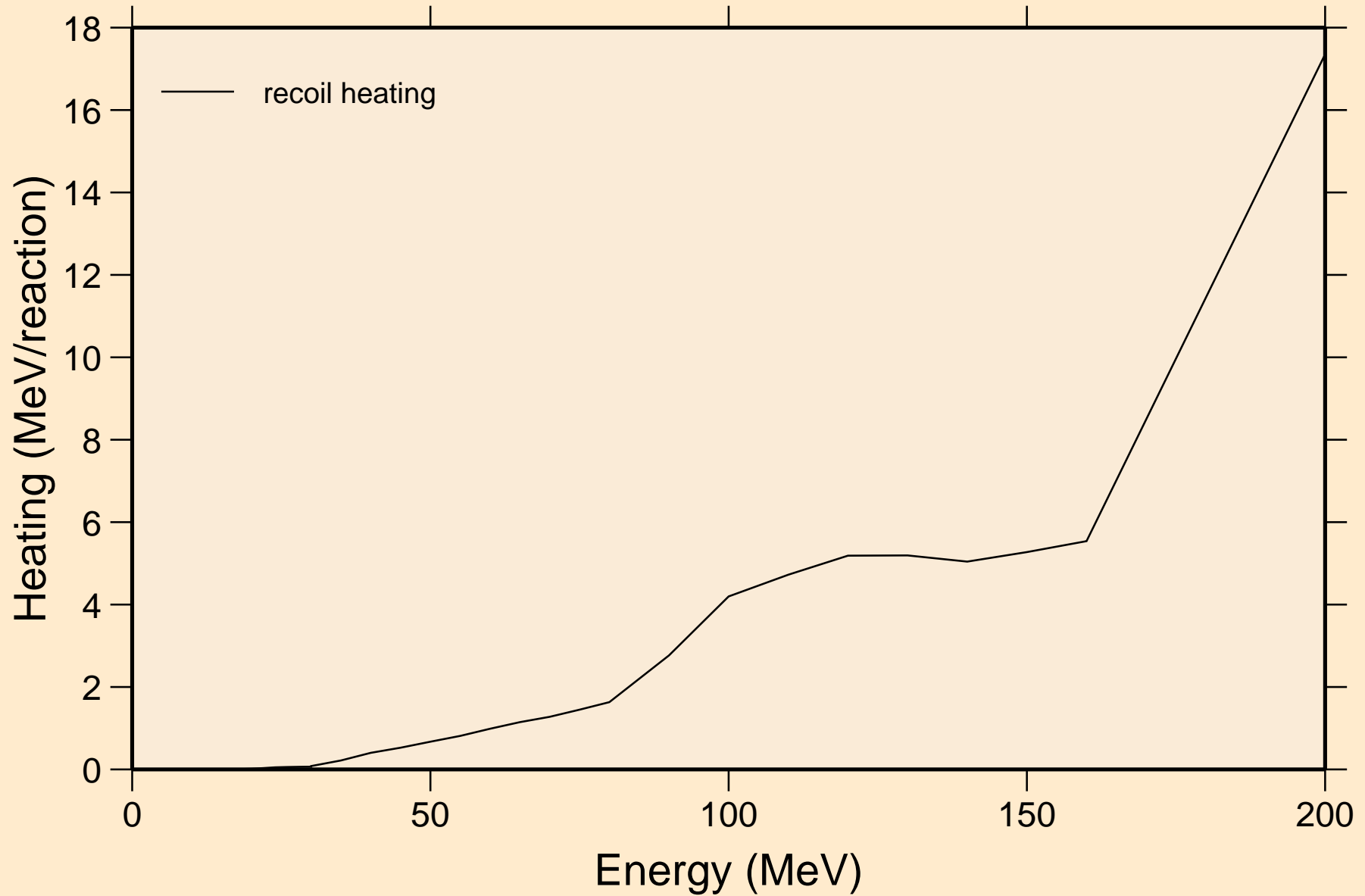
# SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions

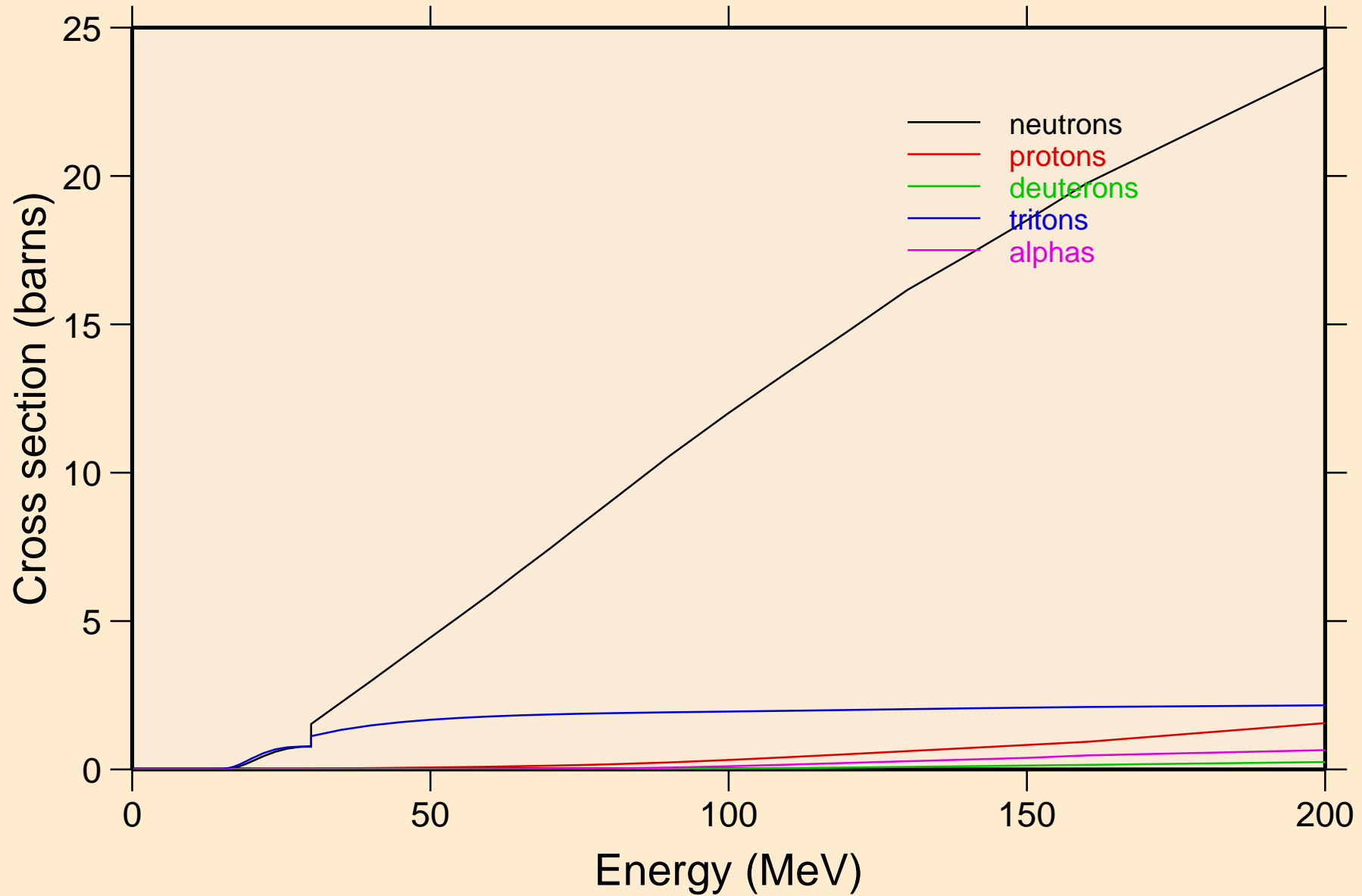


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K

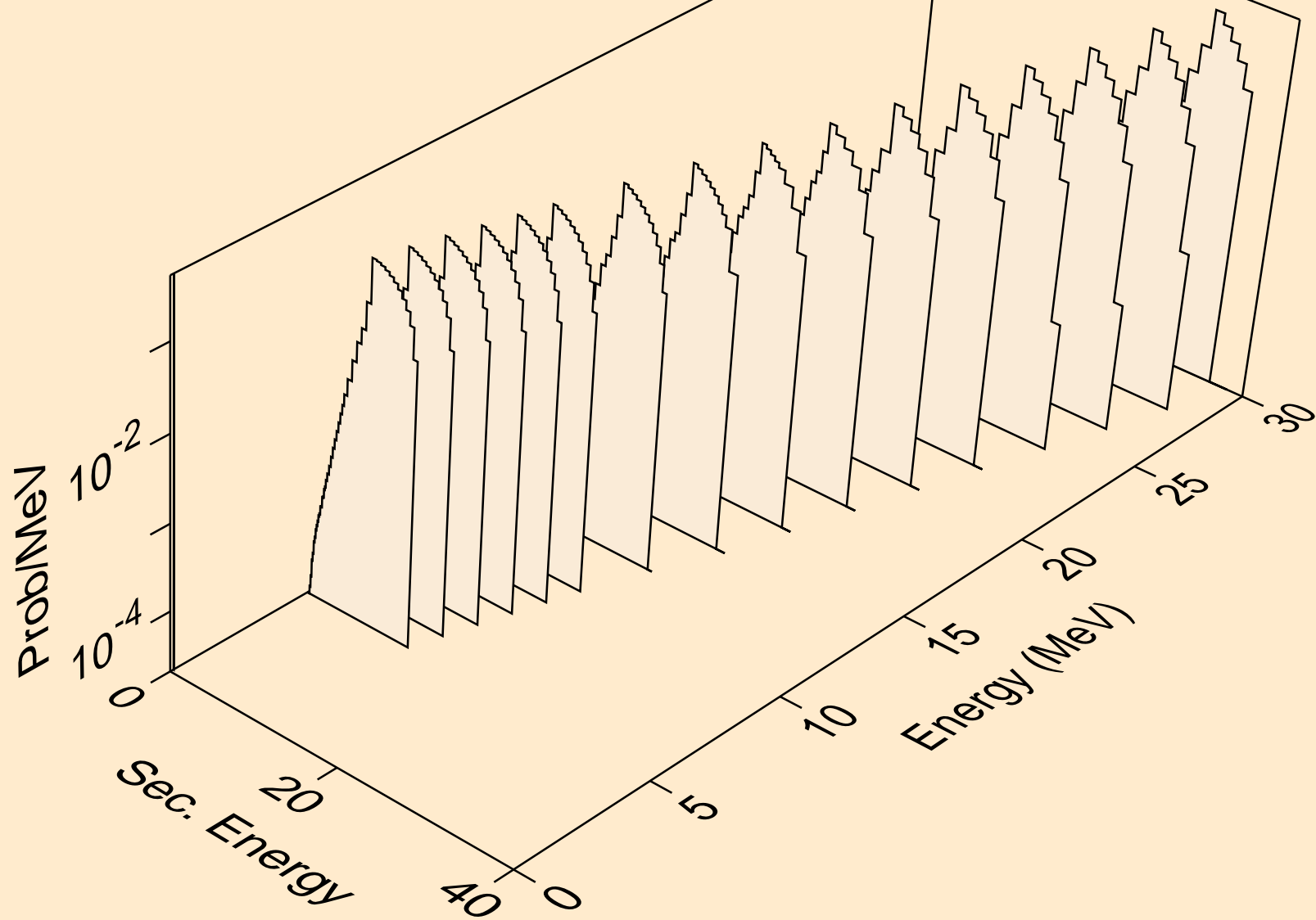
Recoil Heating



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

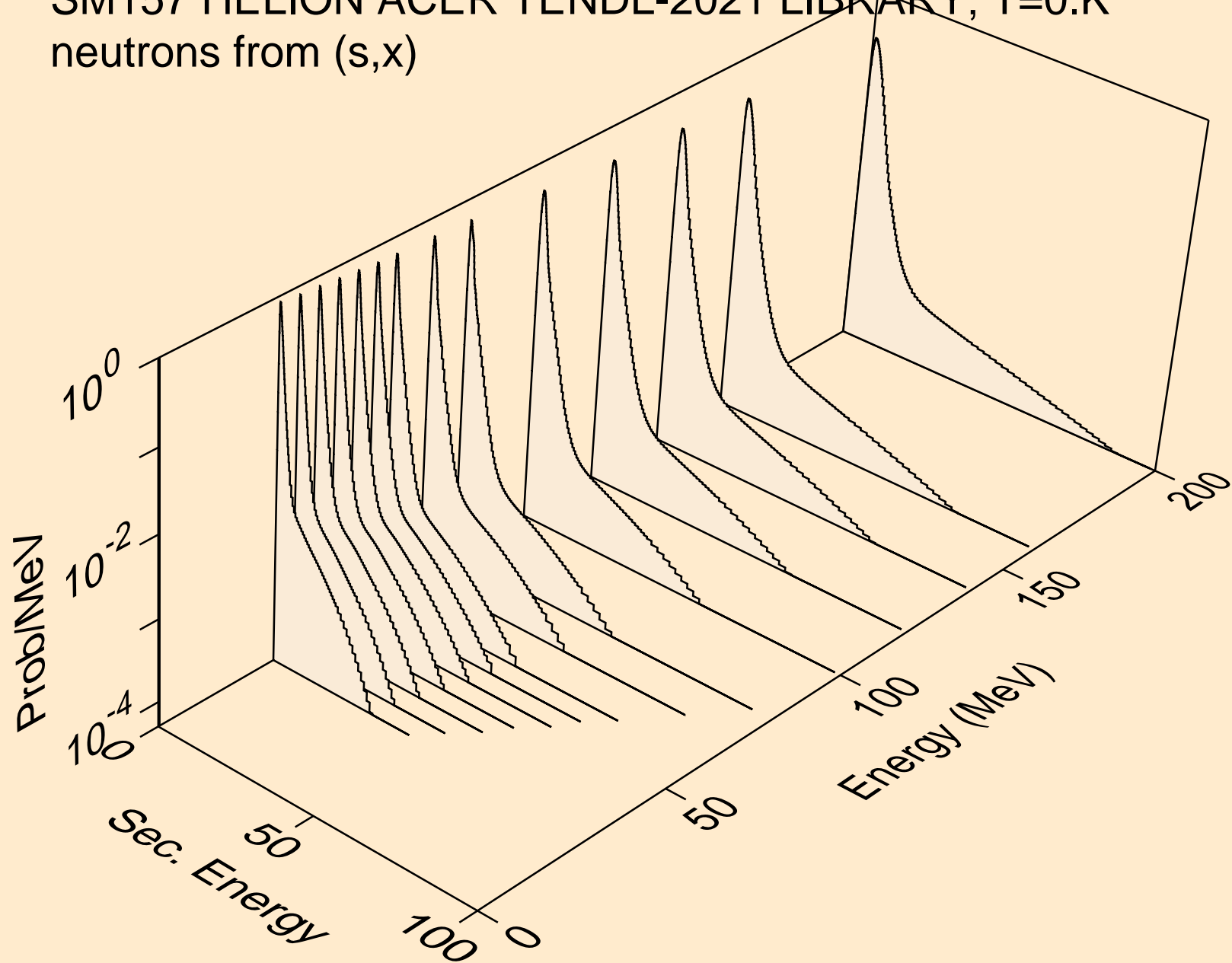


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

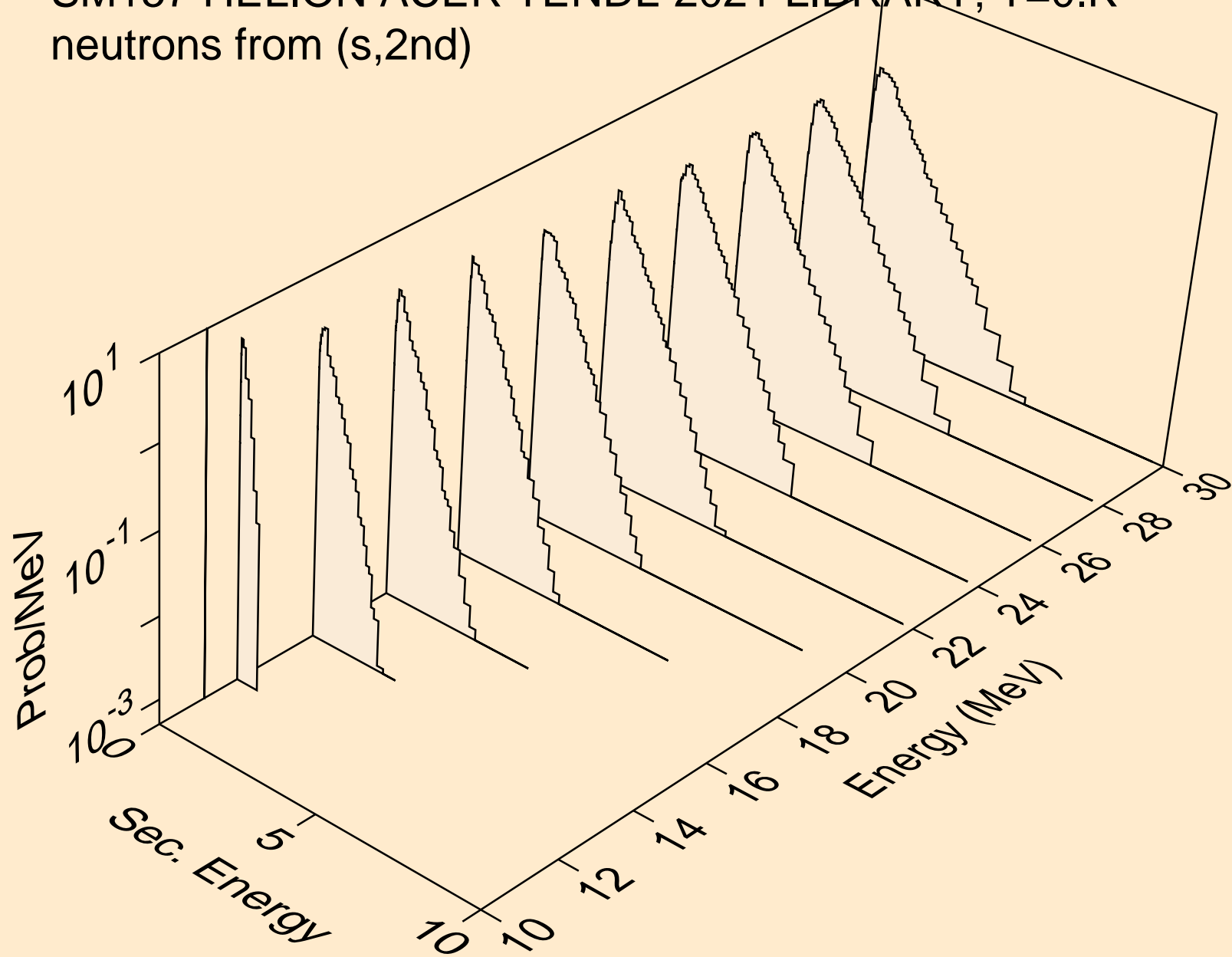




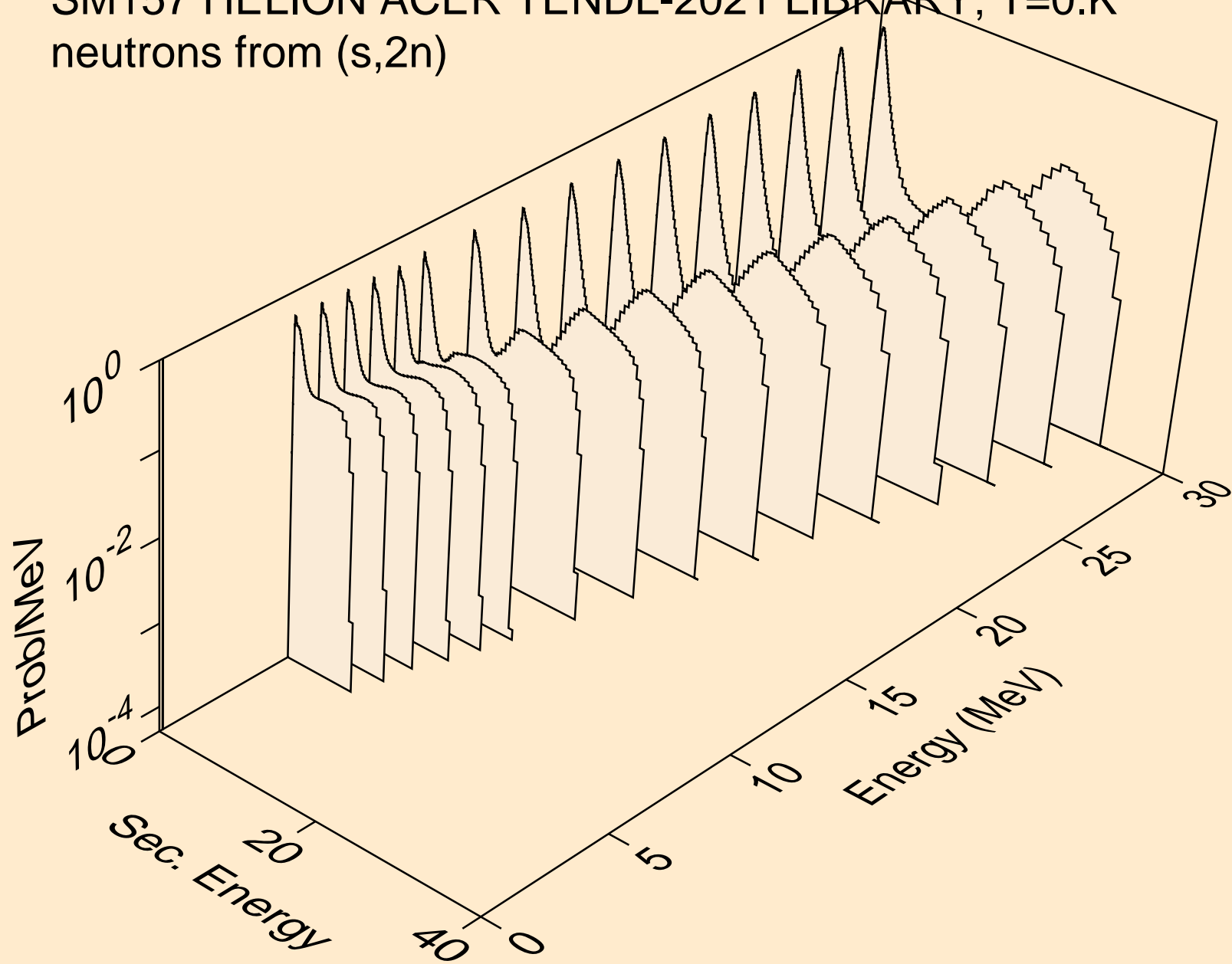
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



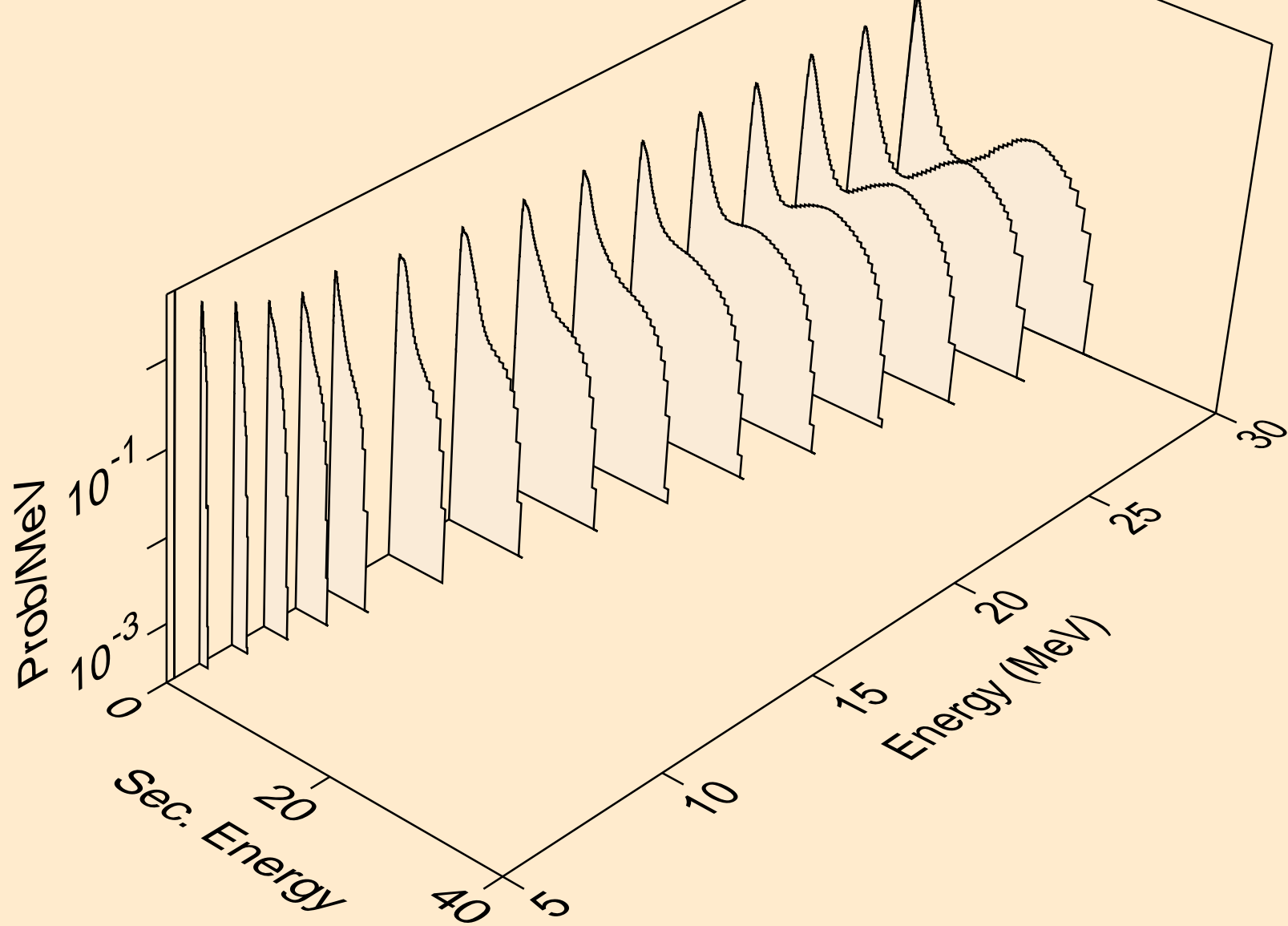
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



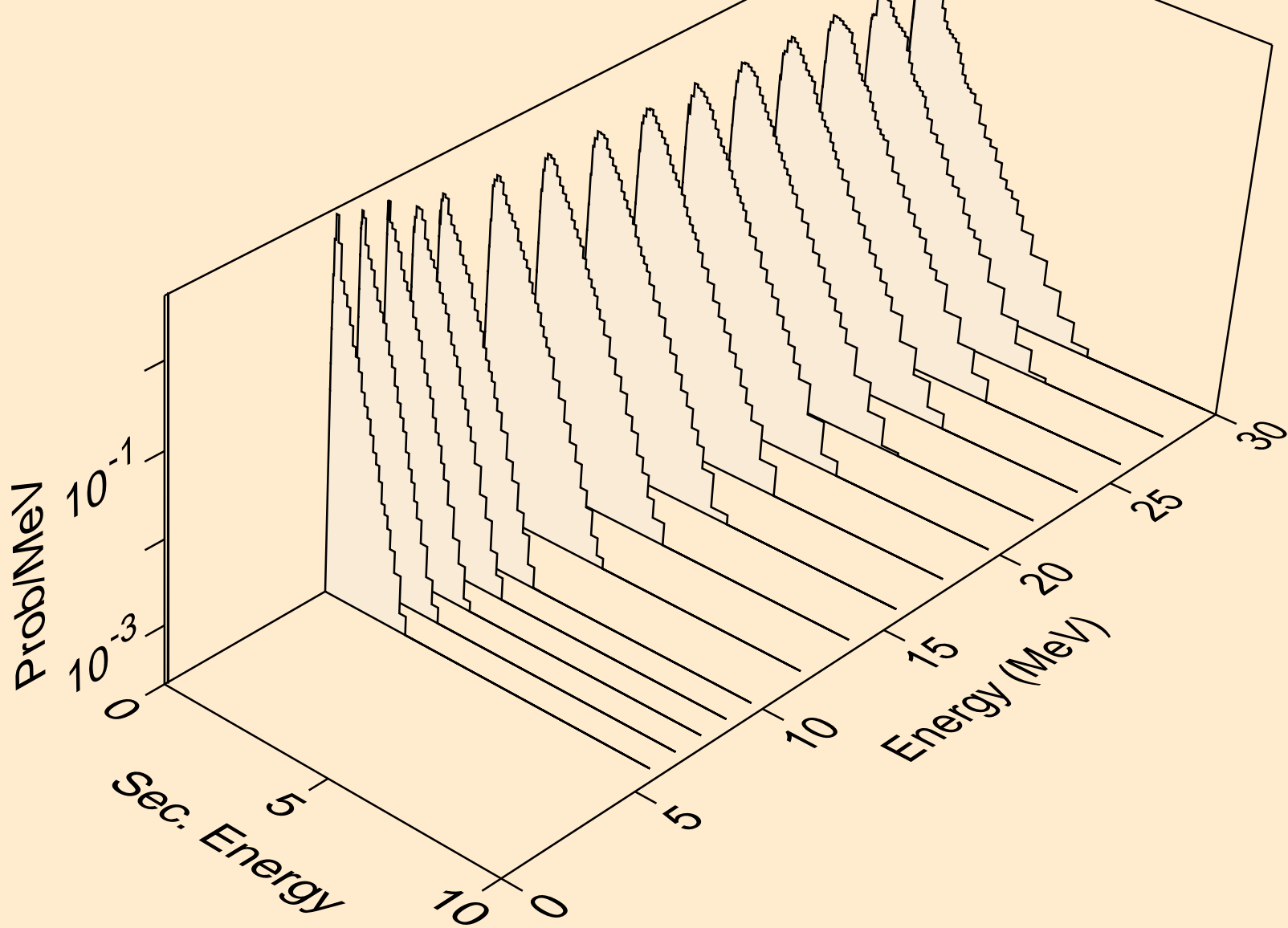
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



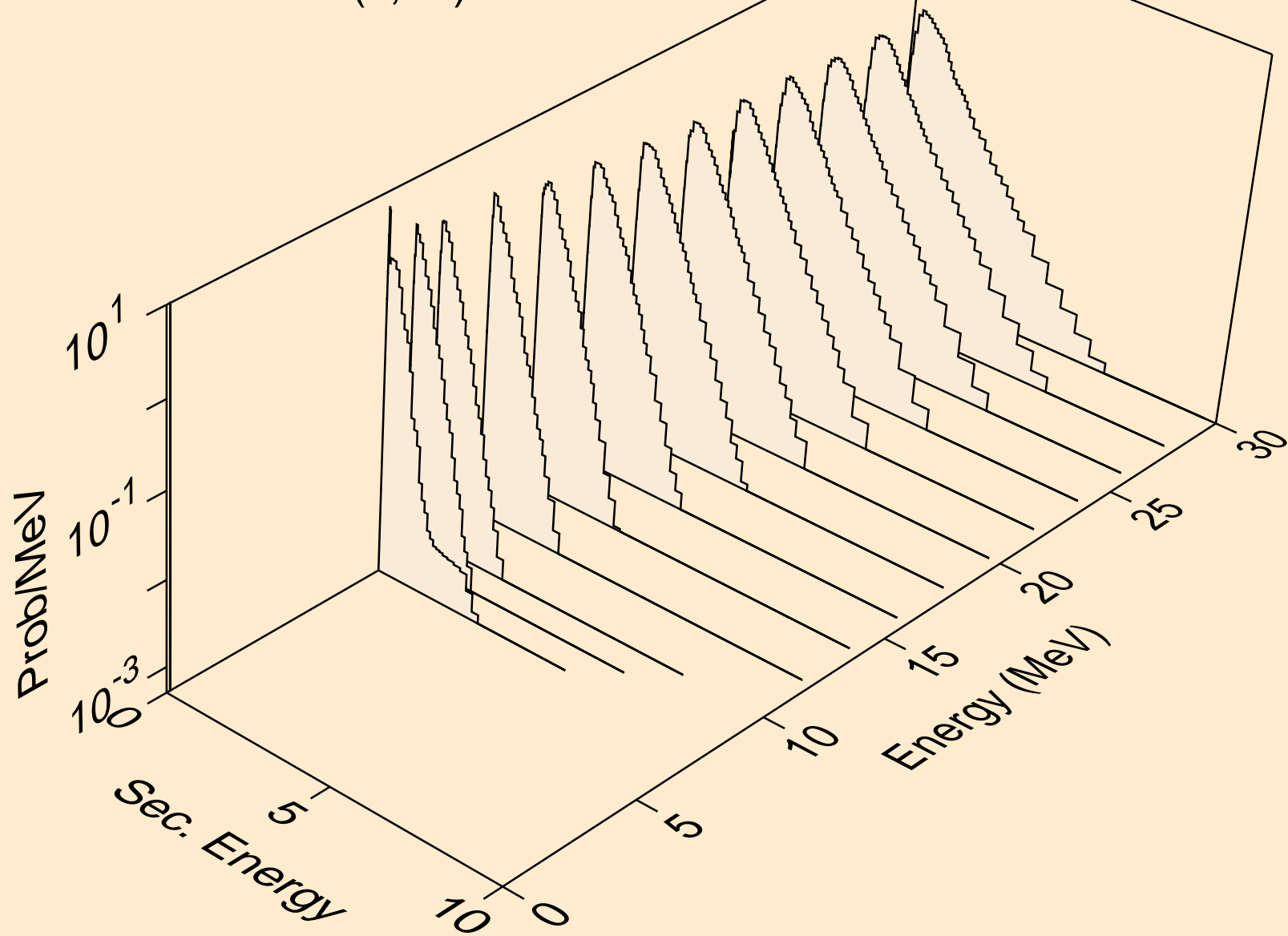
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



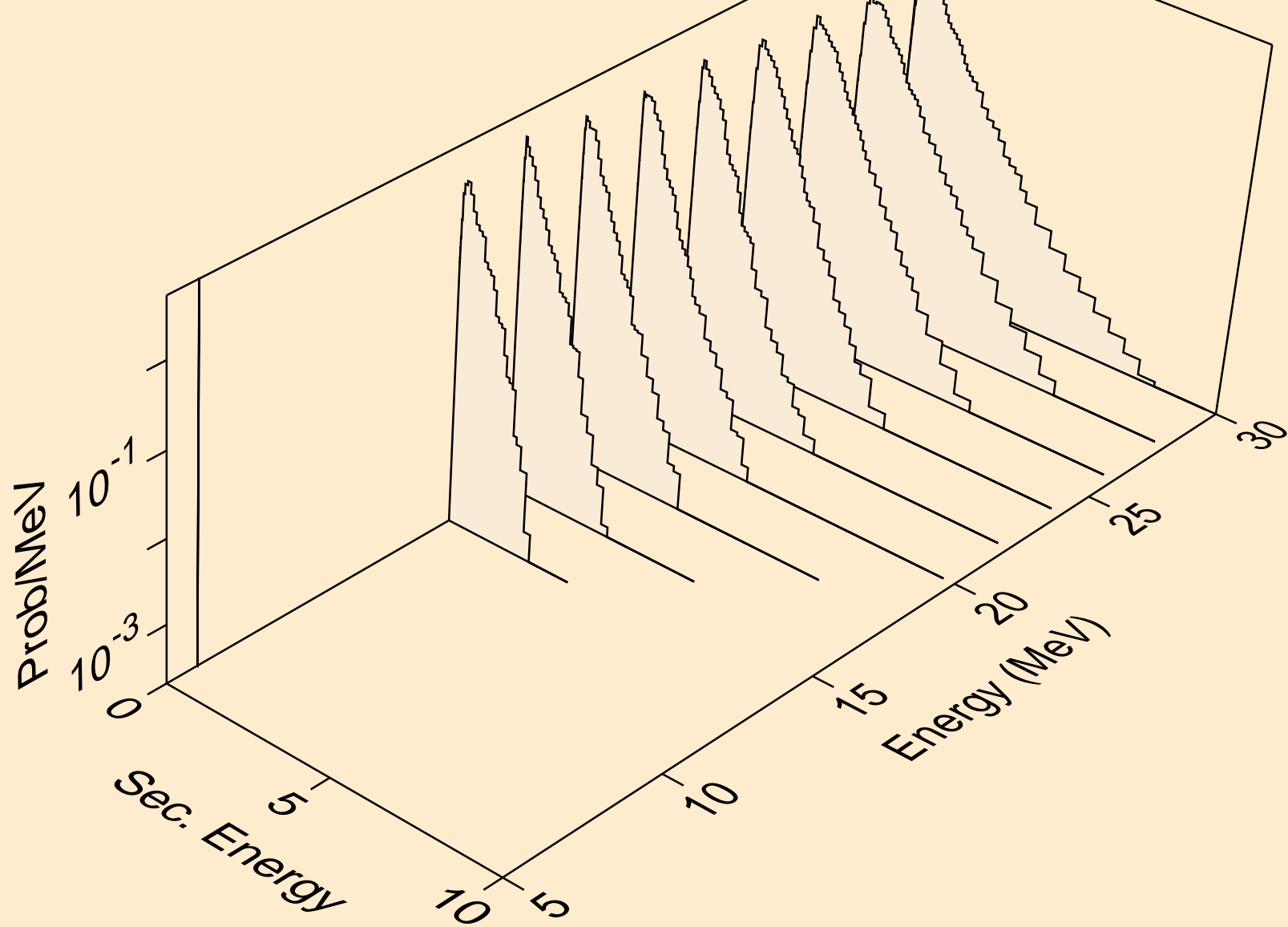
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



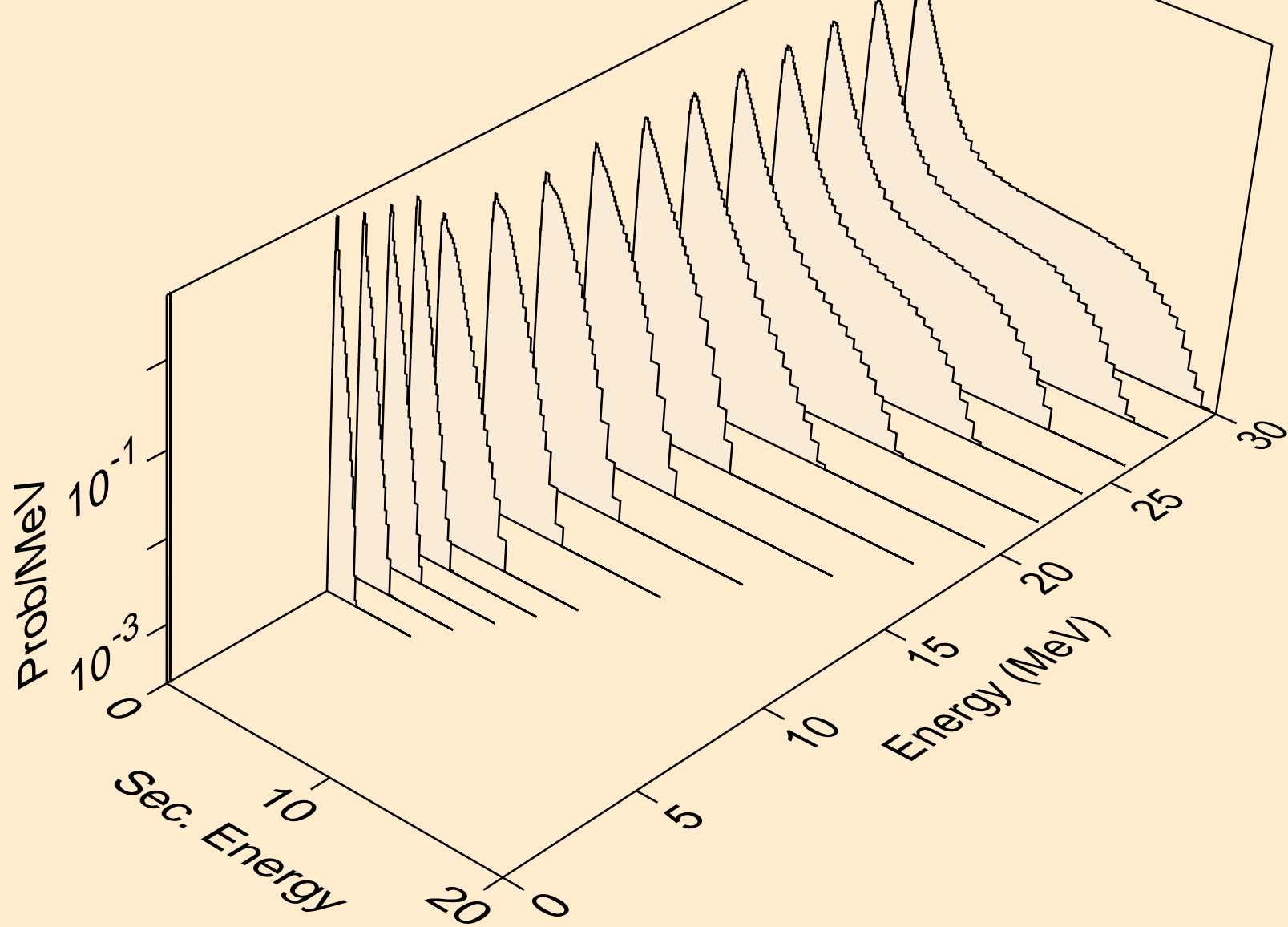
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a

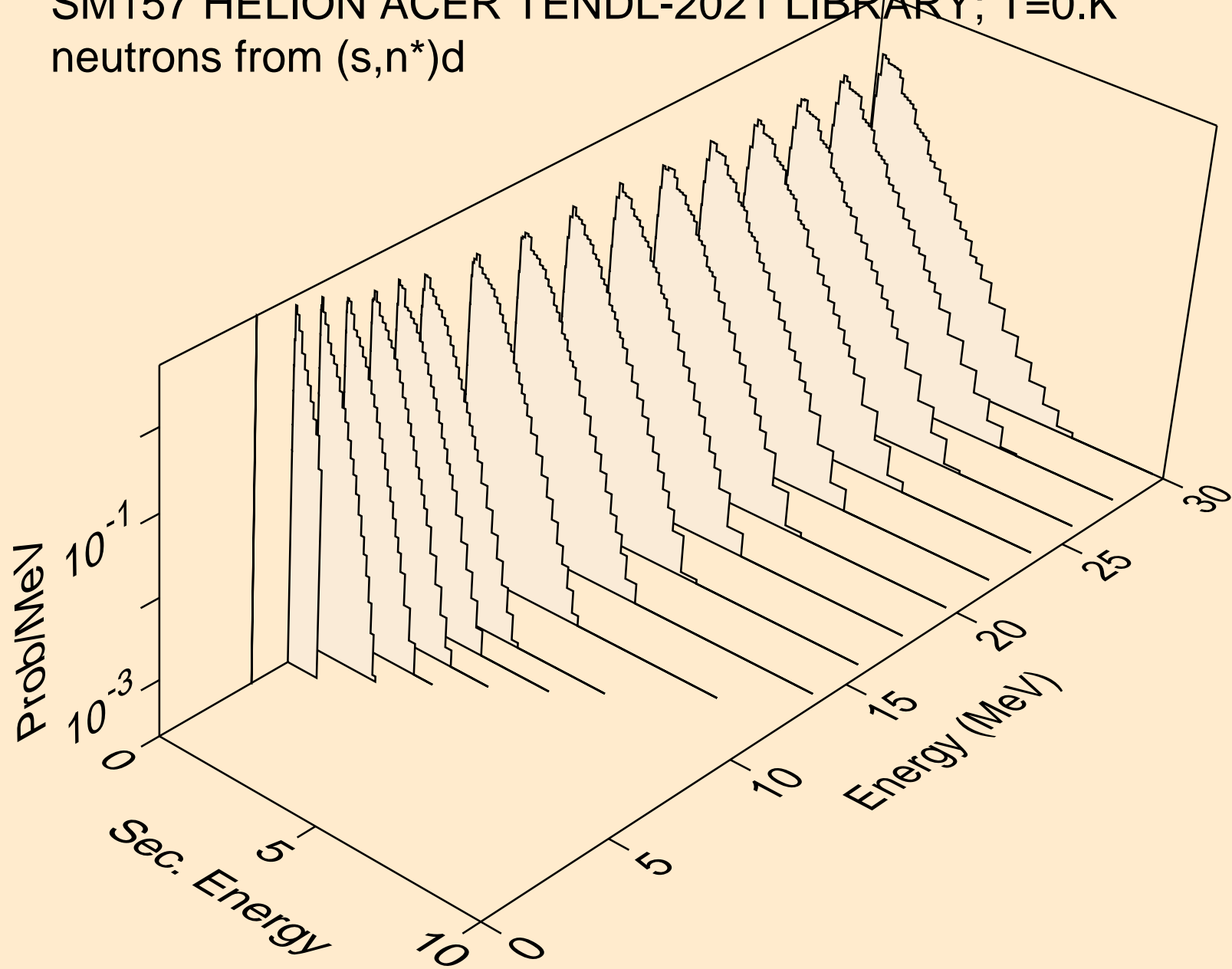


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

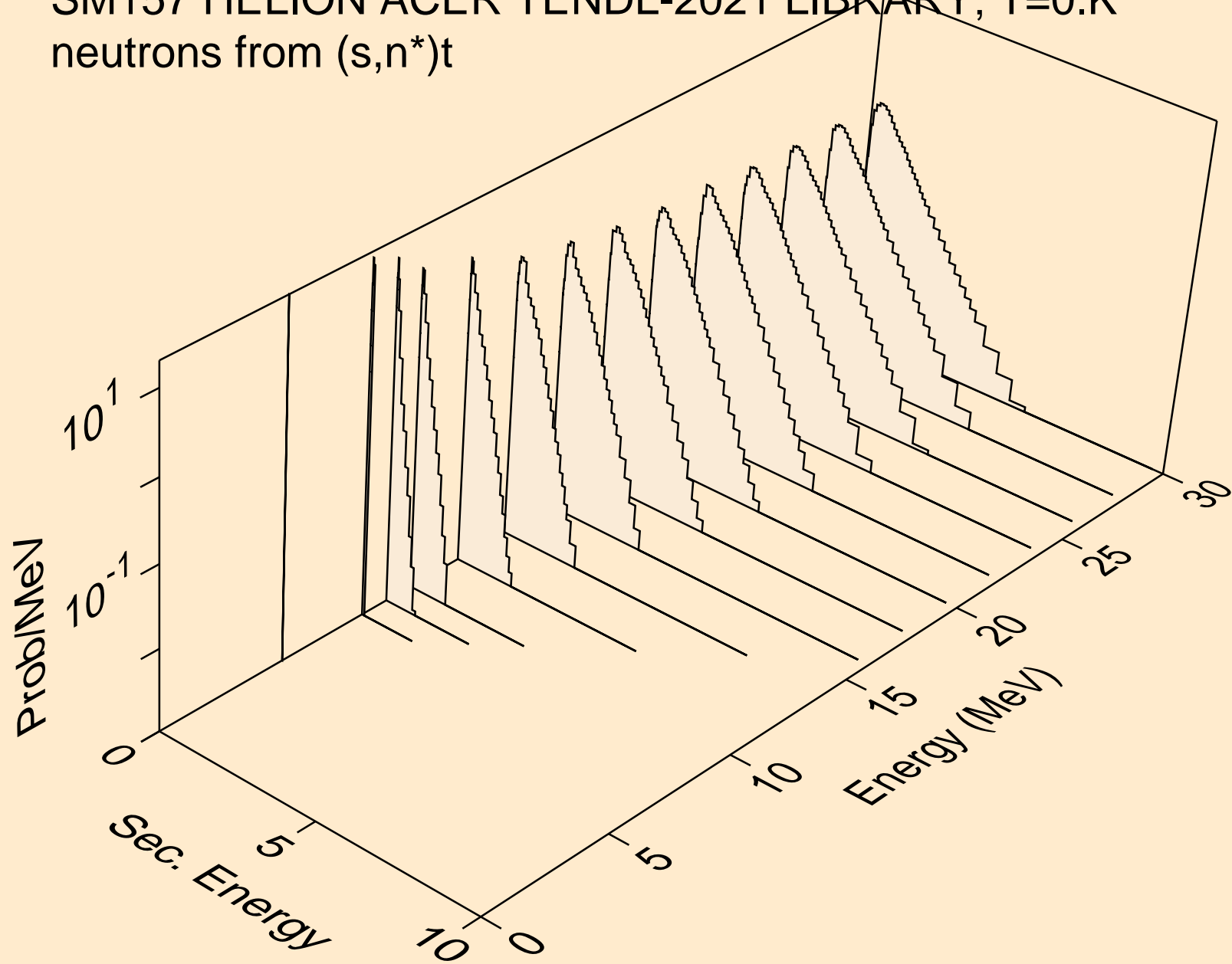




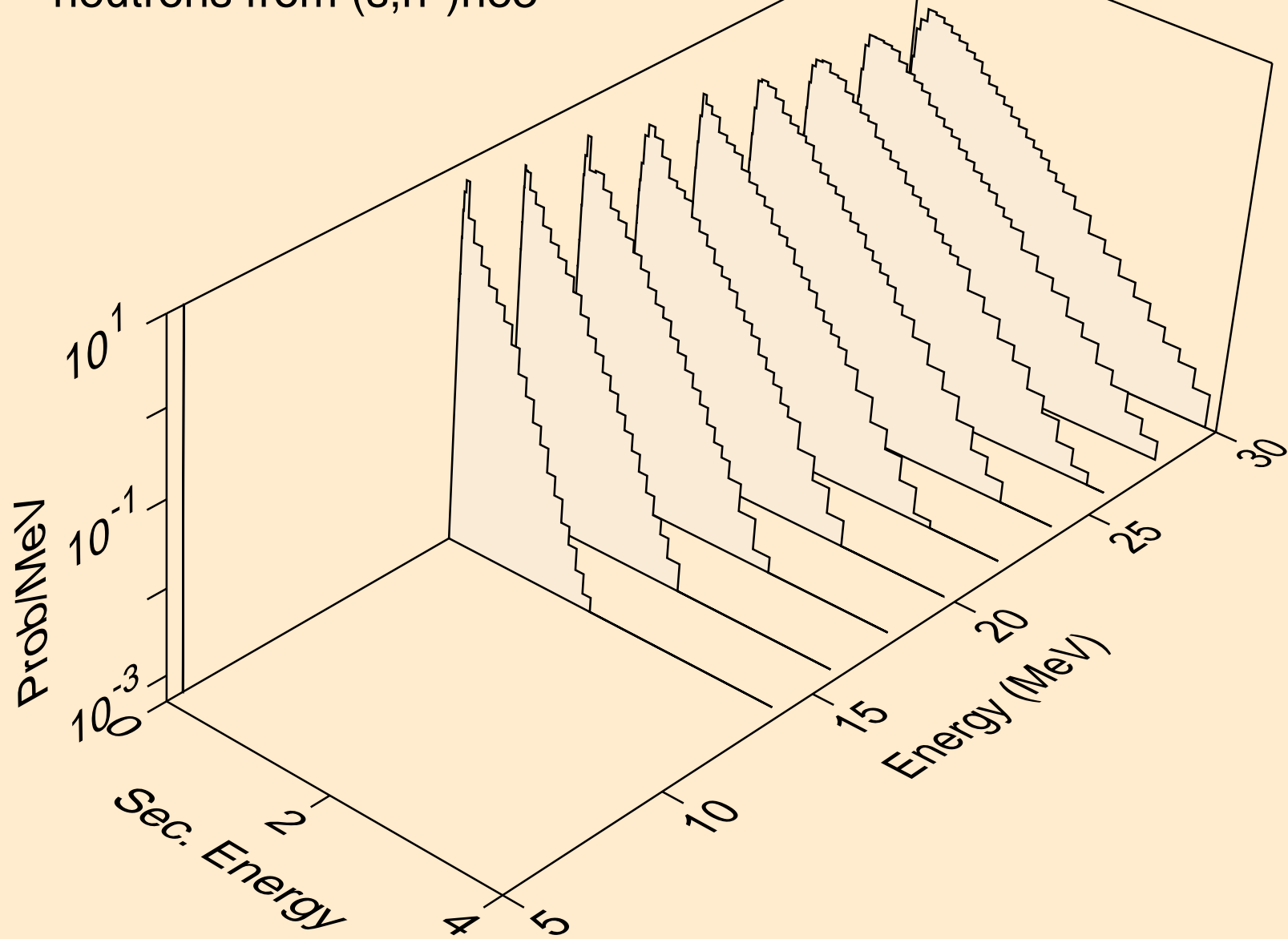
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



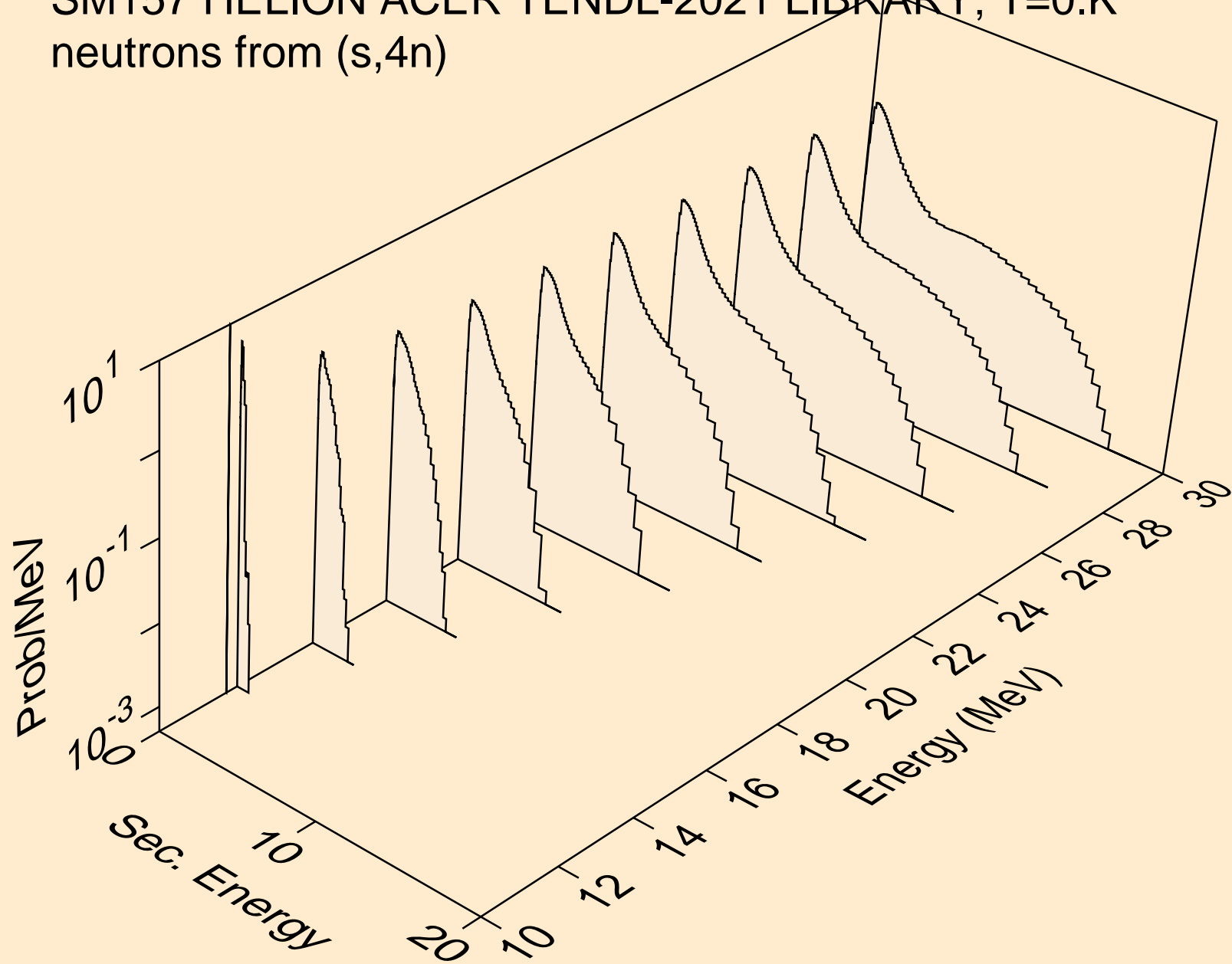
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



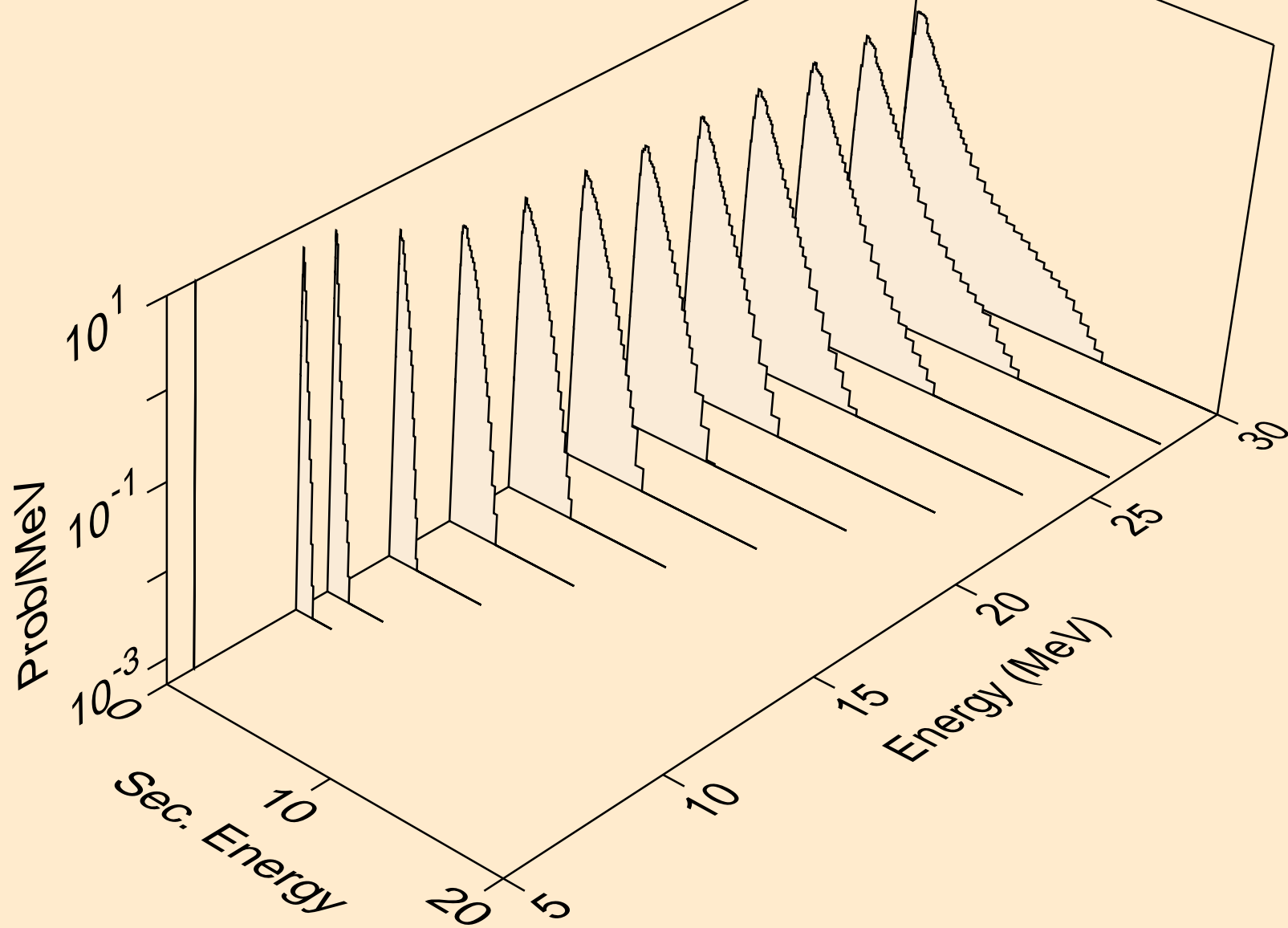
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



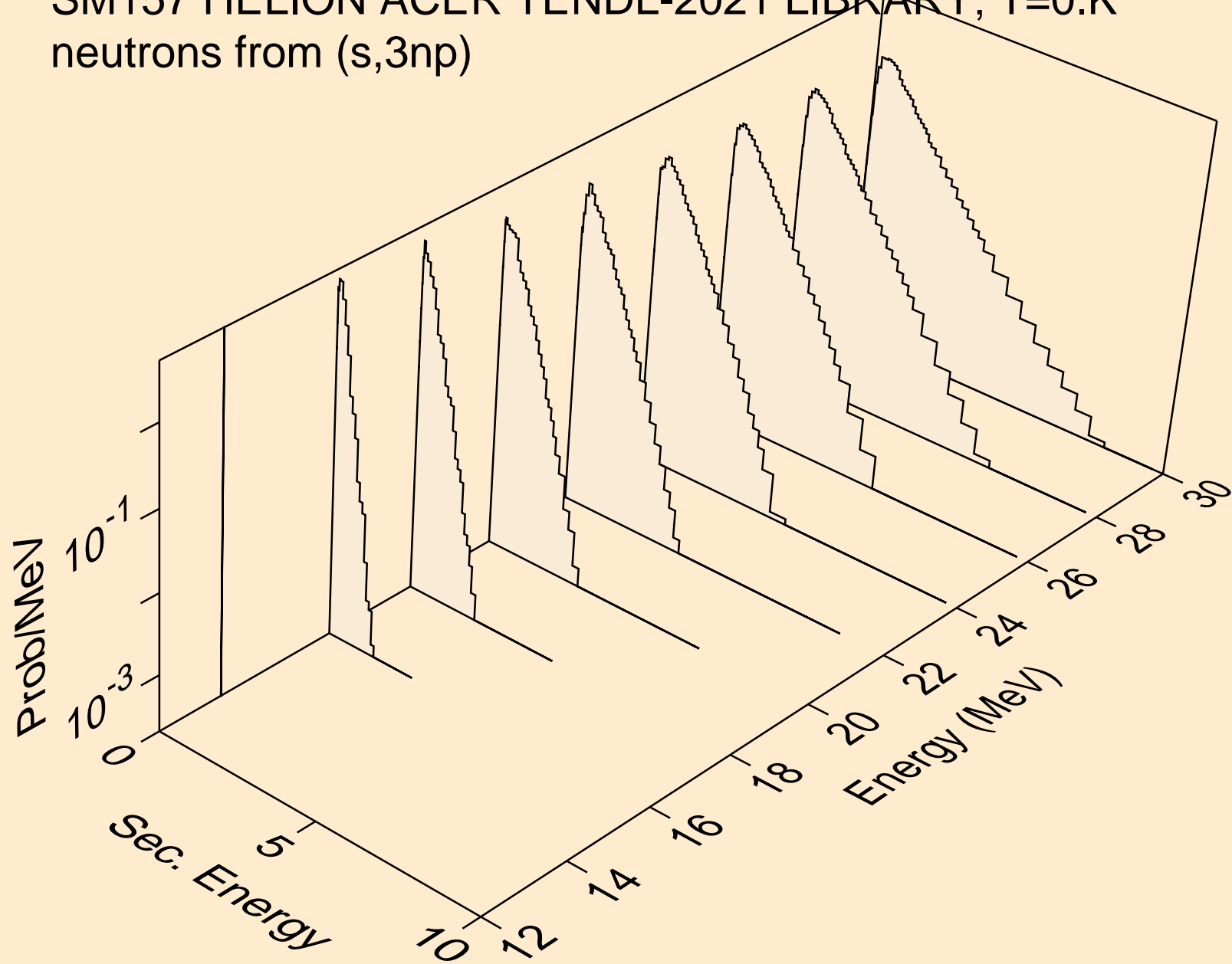
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)



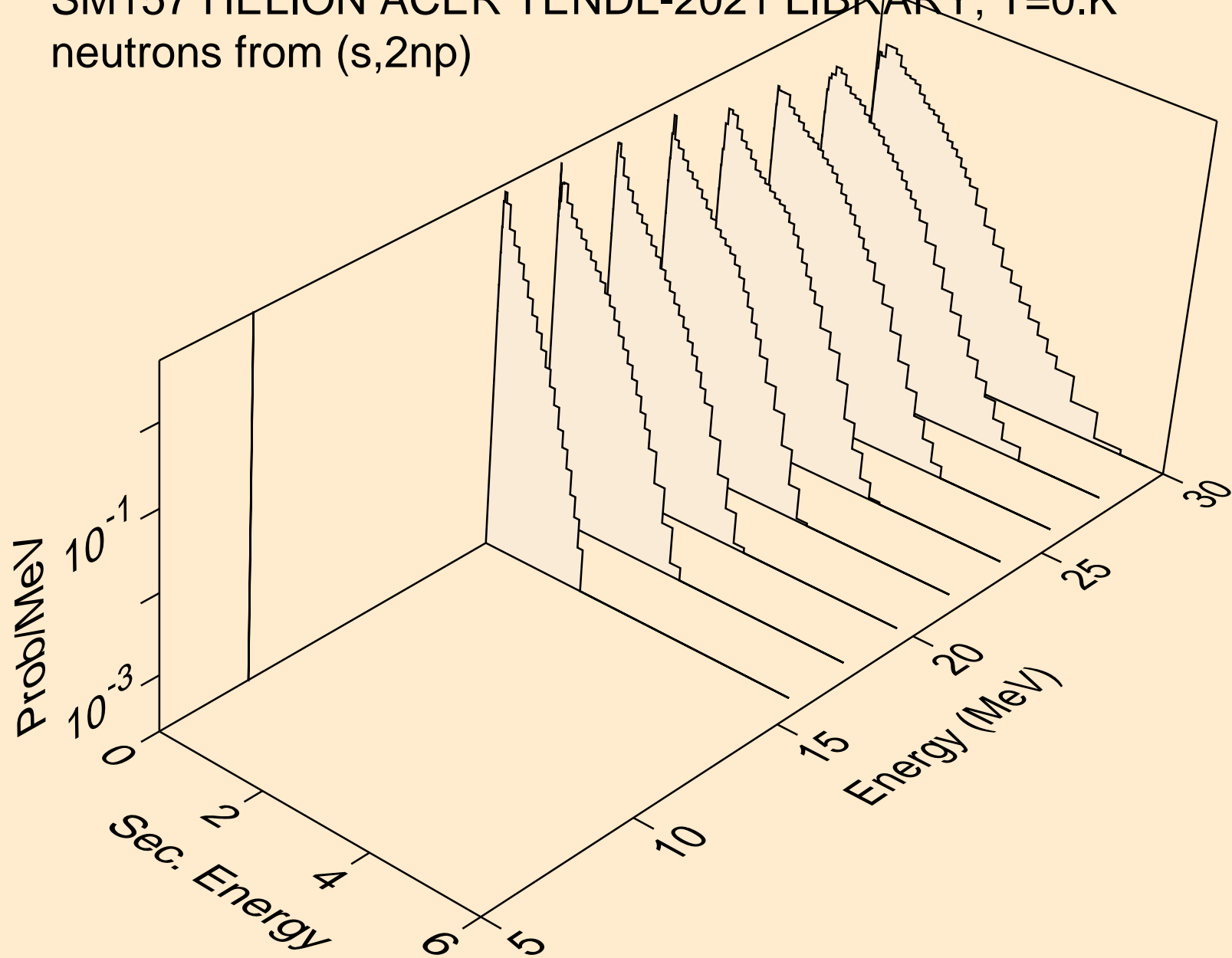
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



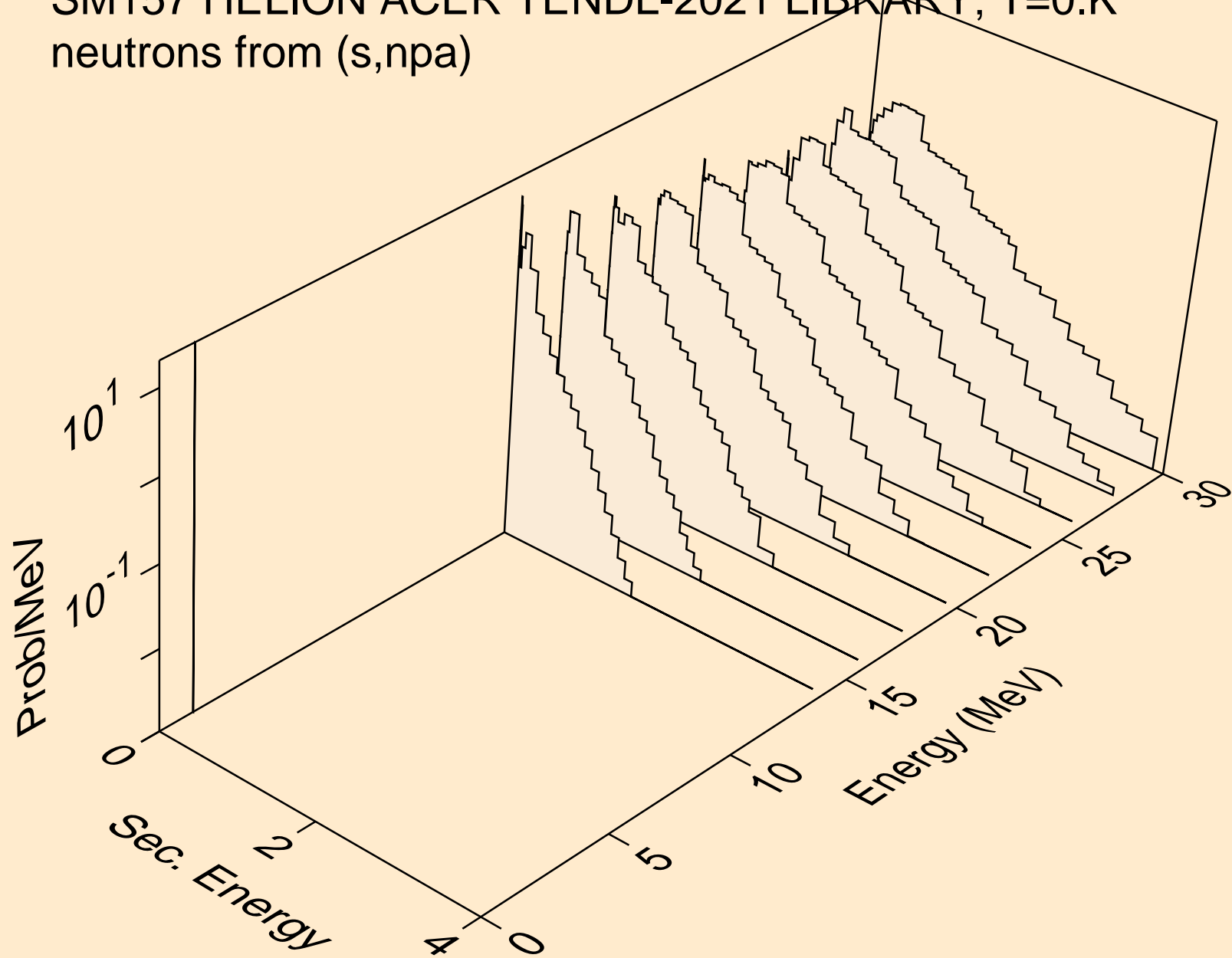
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

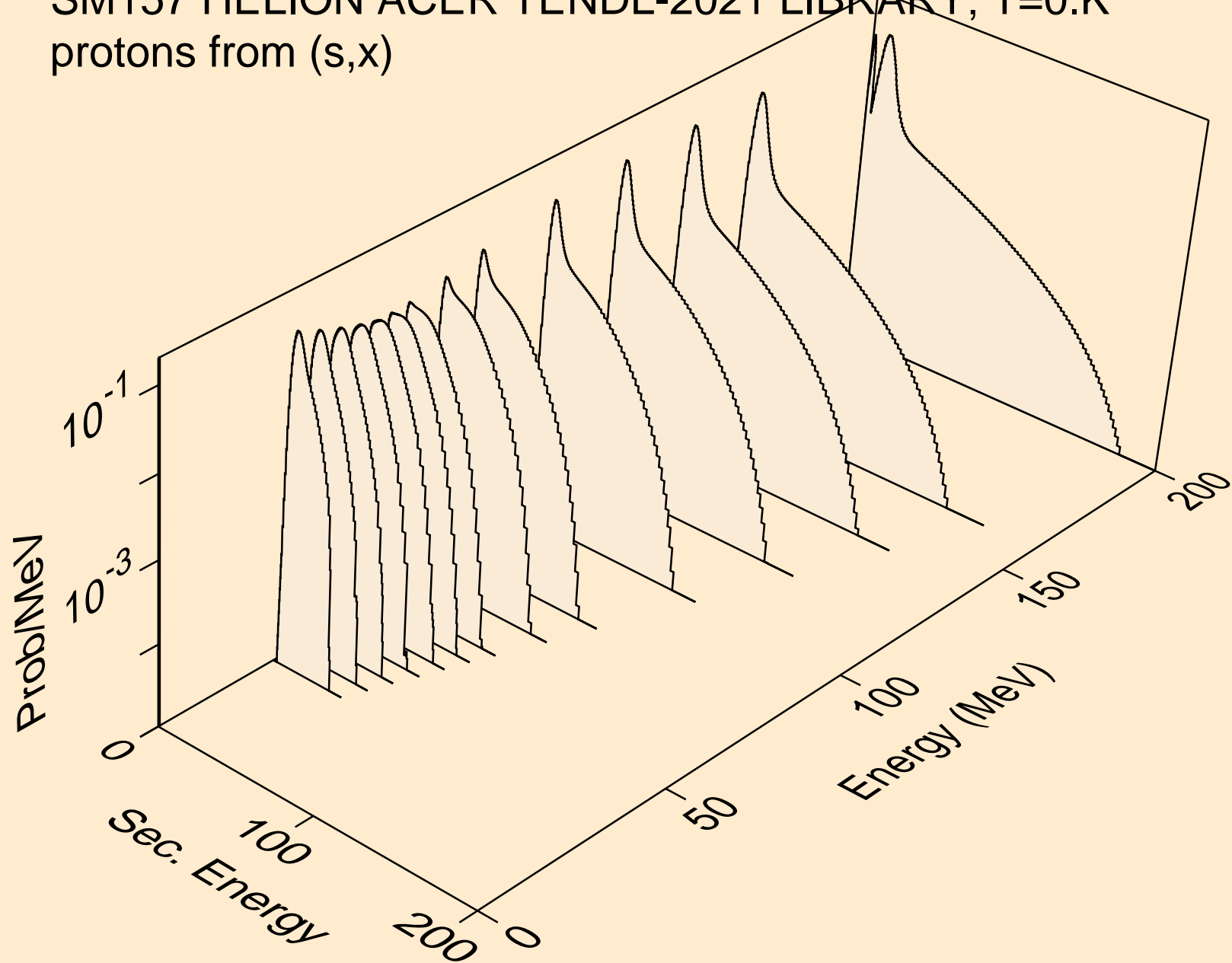


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)

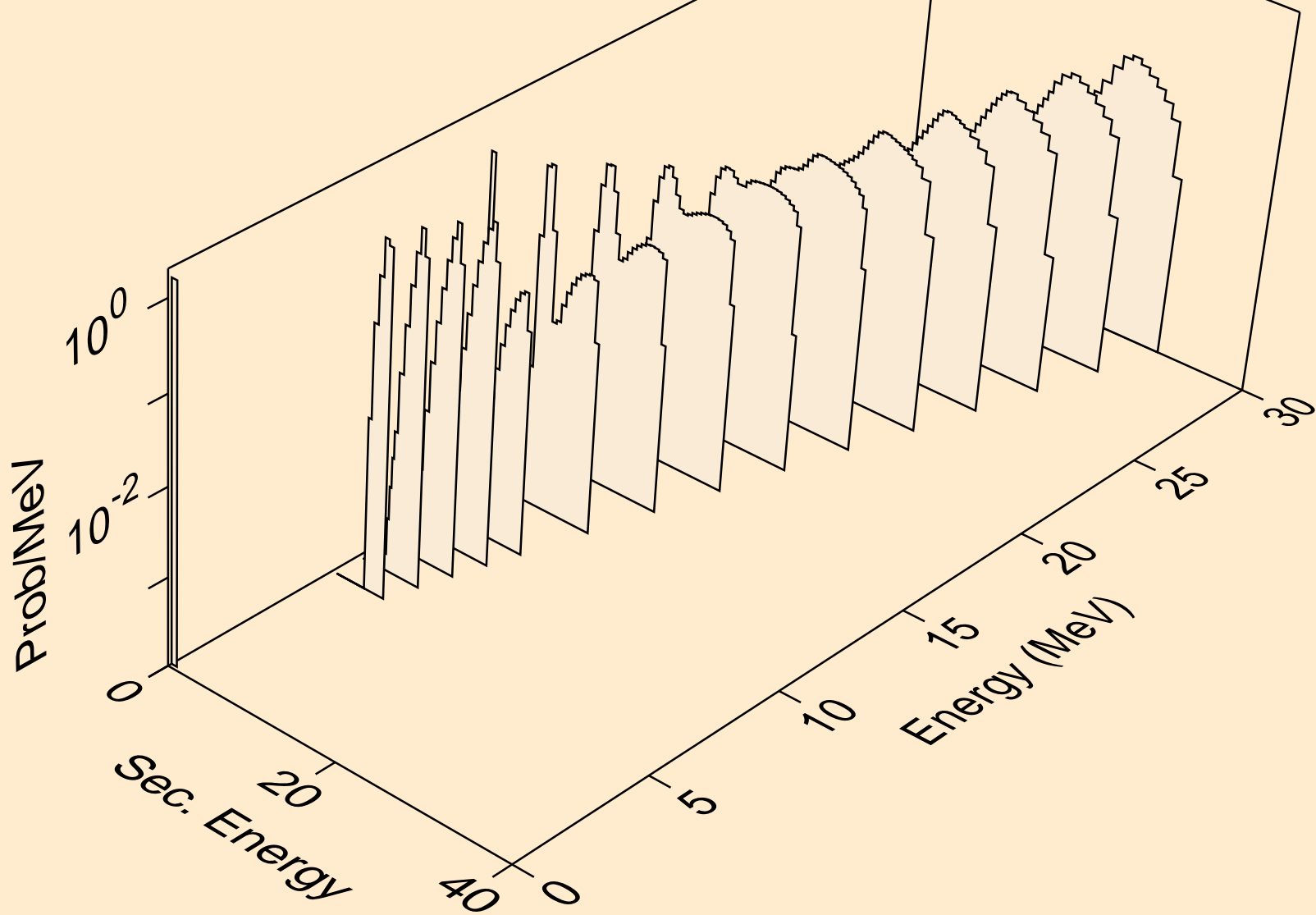




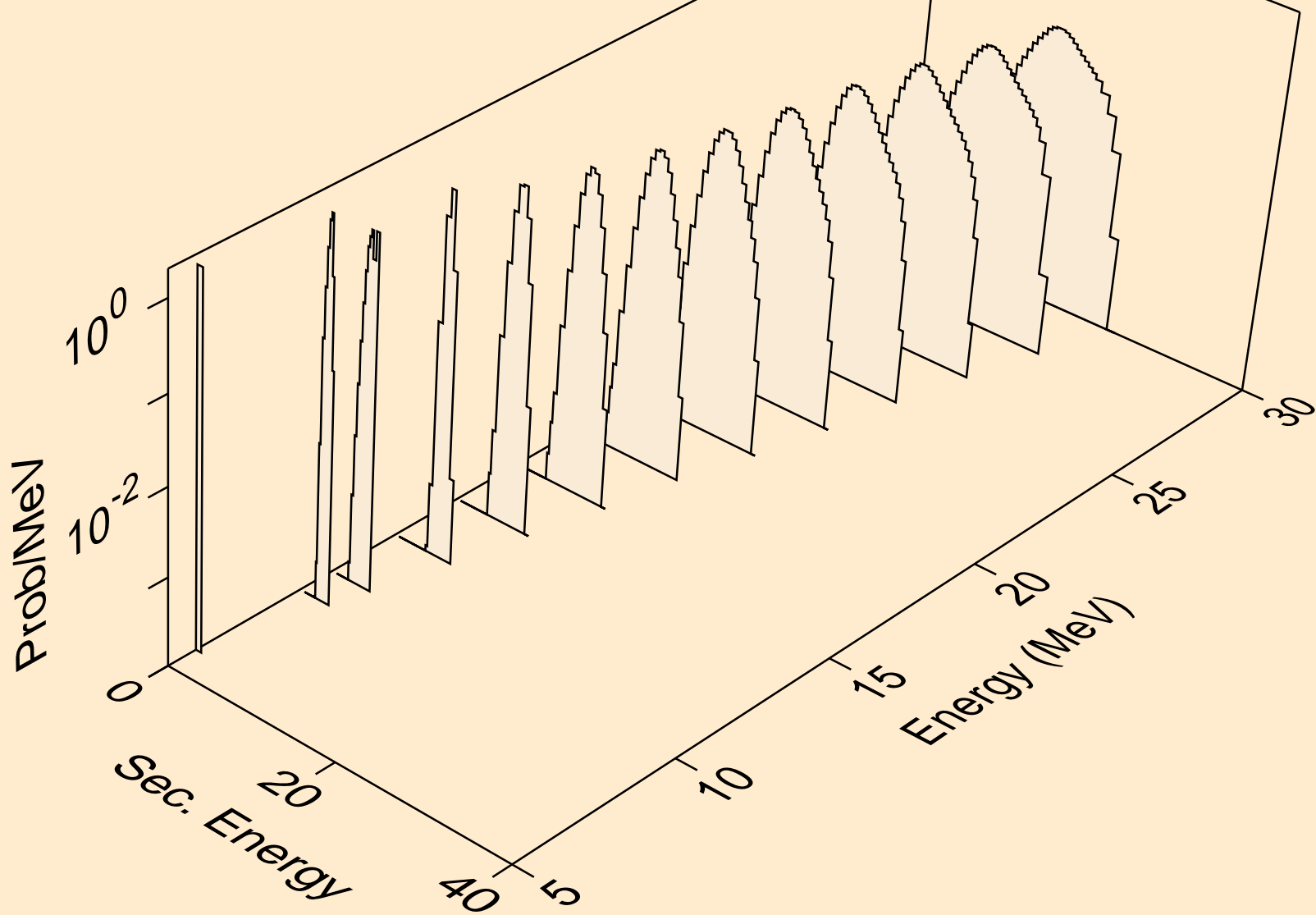
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



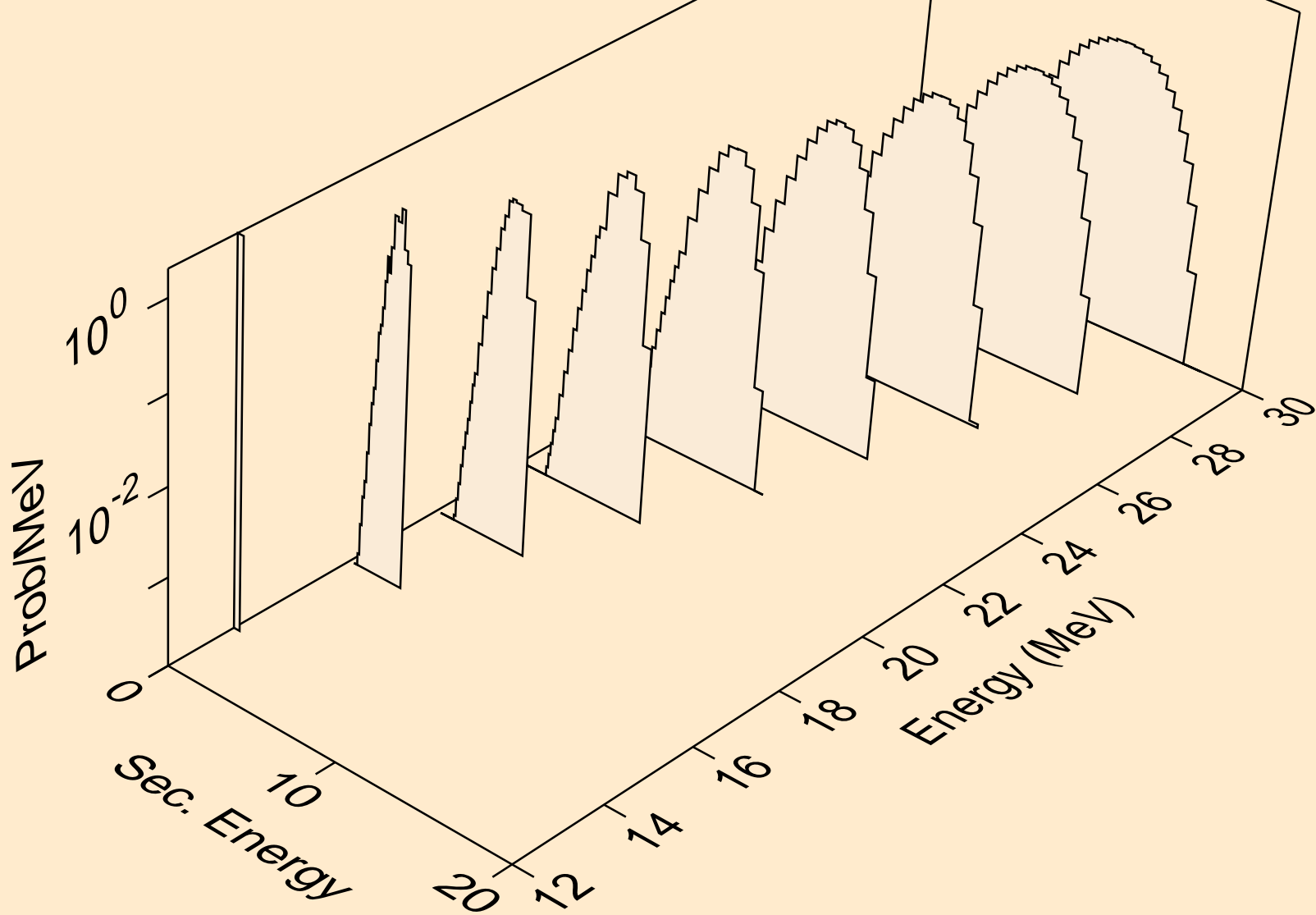
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protons from (s,n\*)p



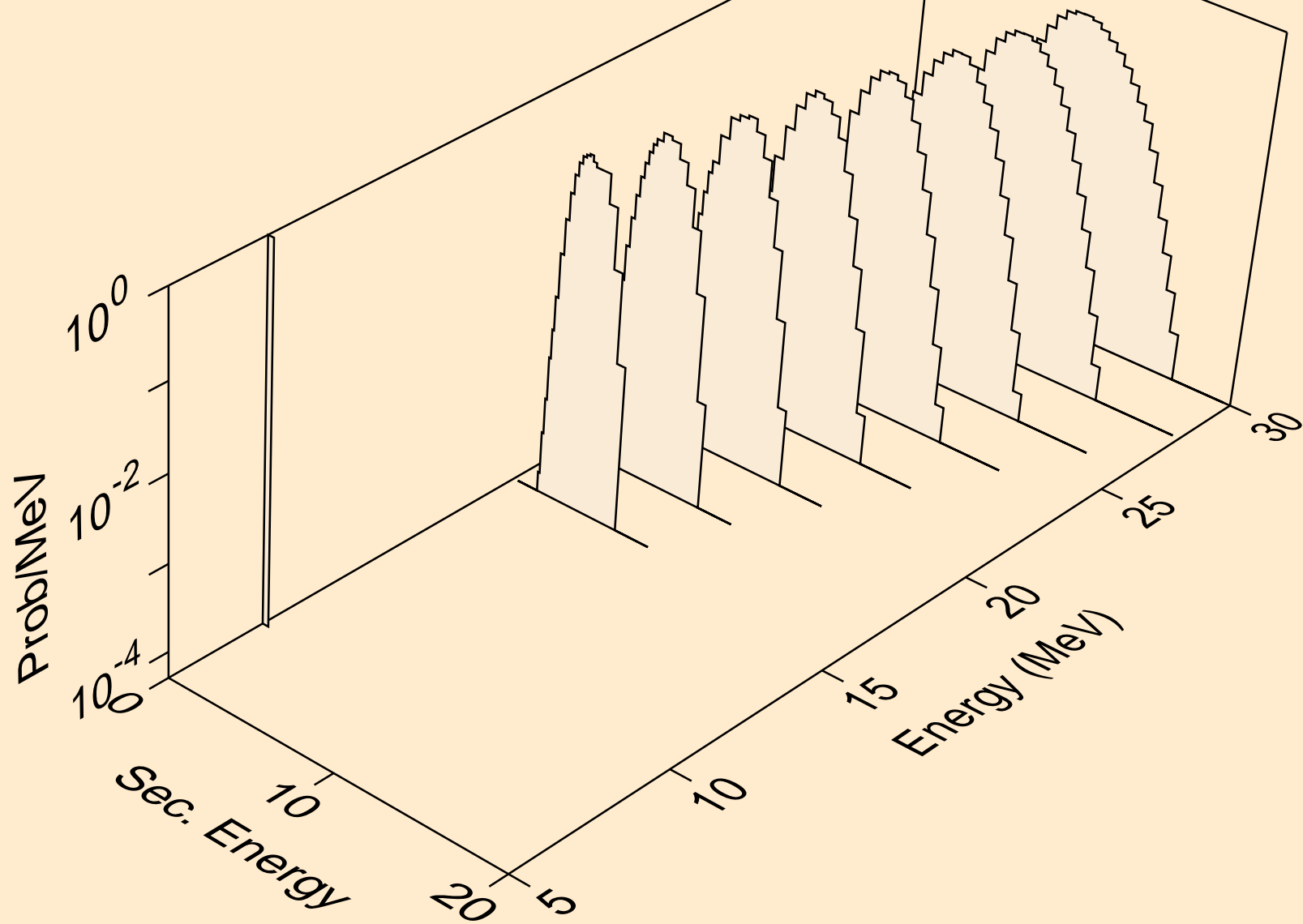
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



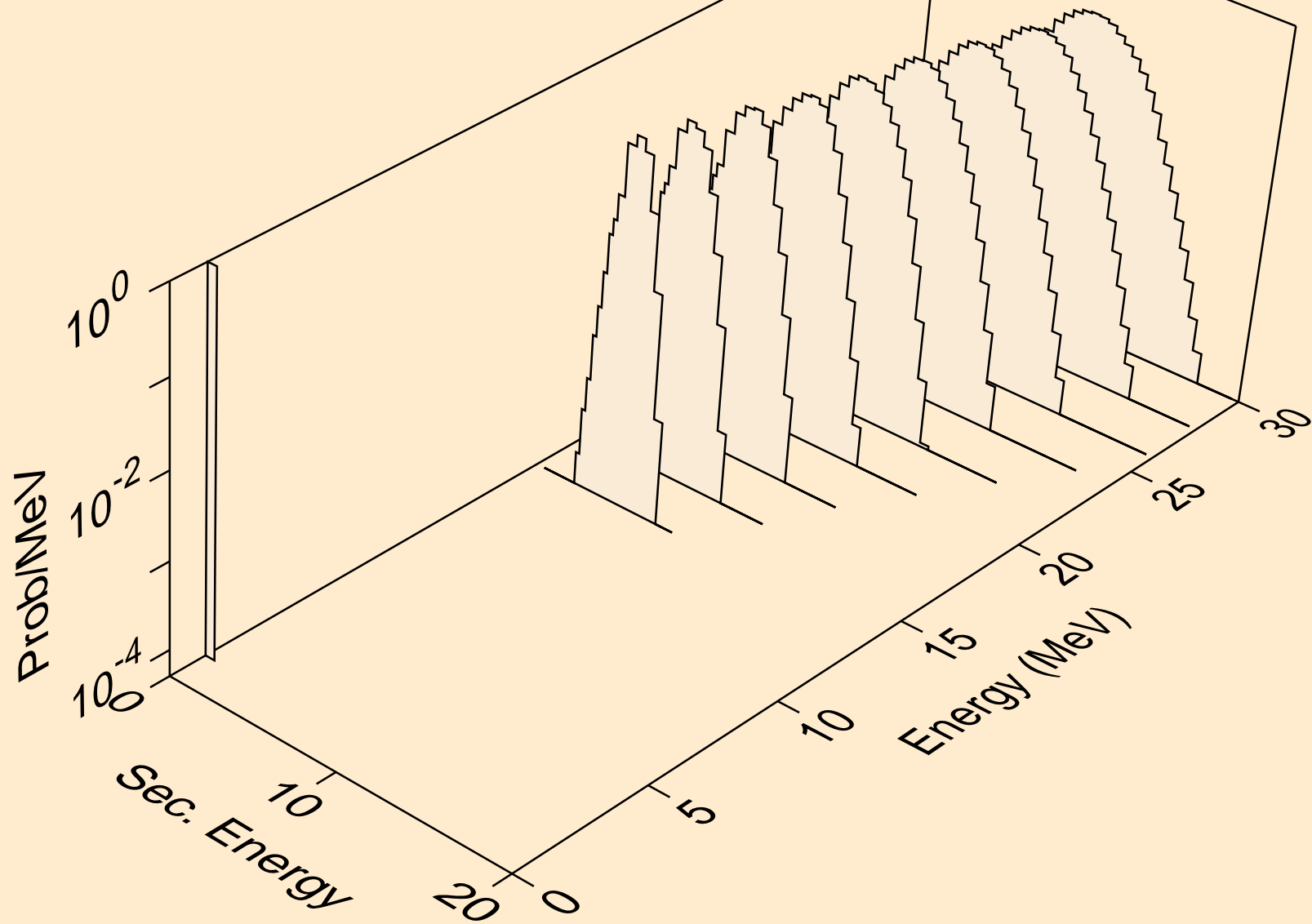
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)



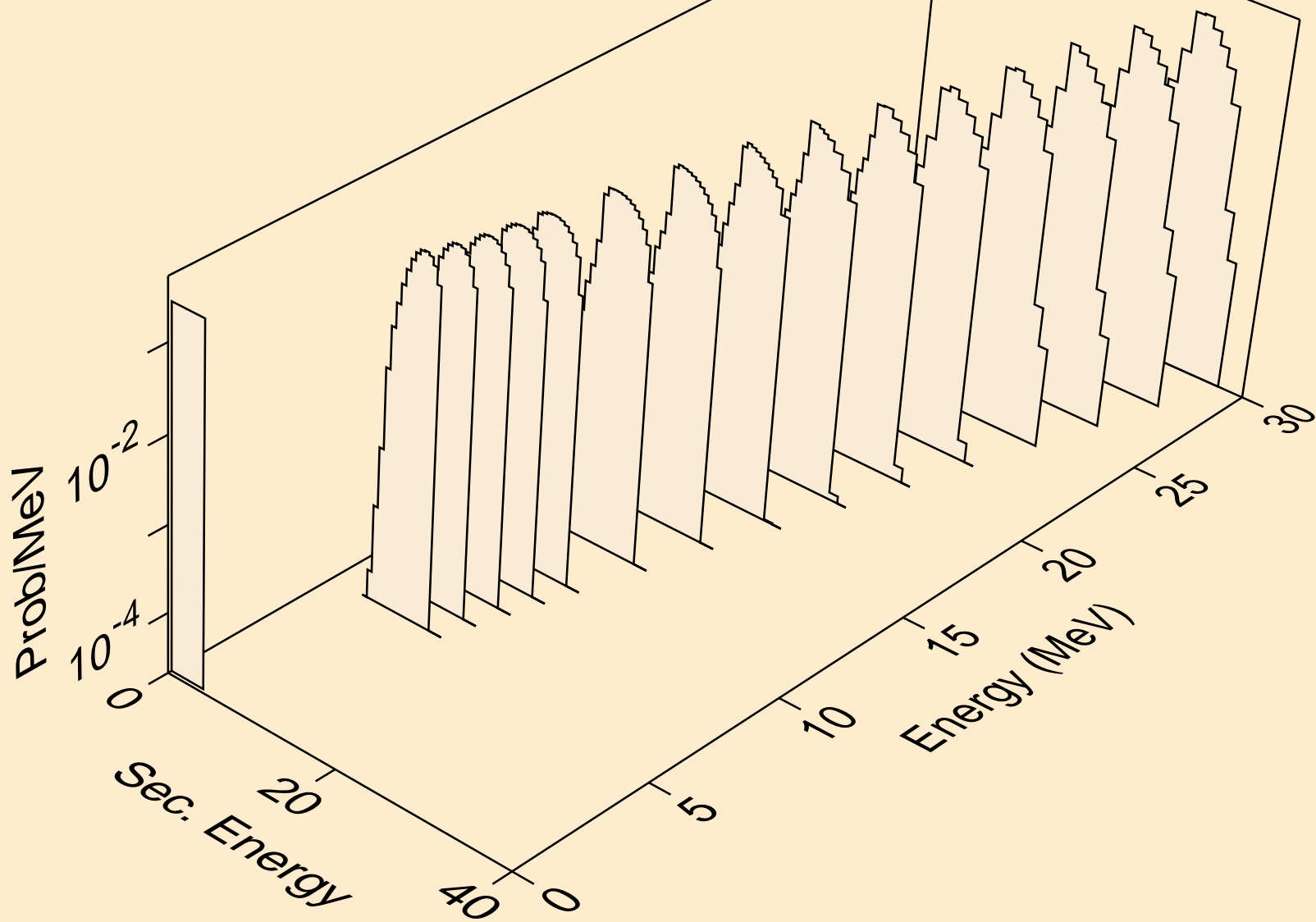
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



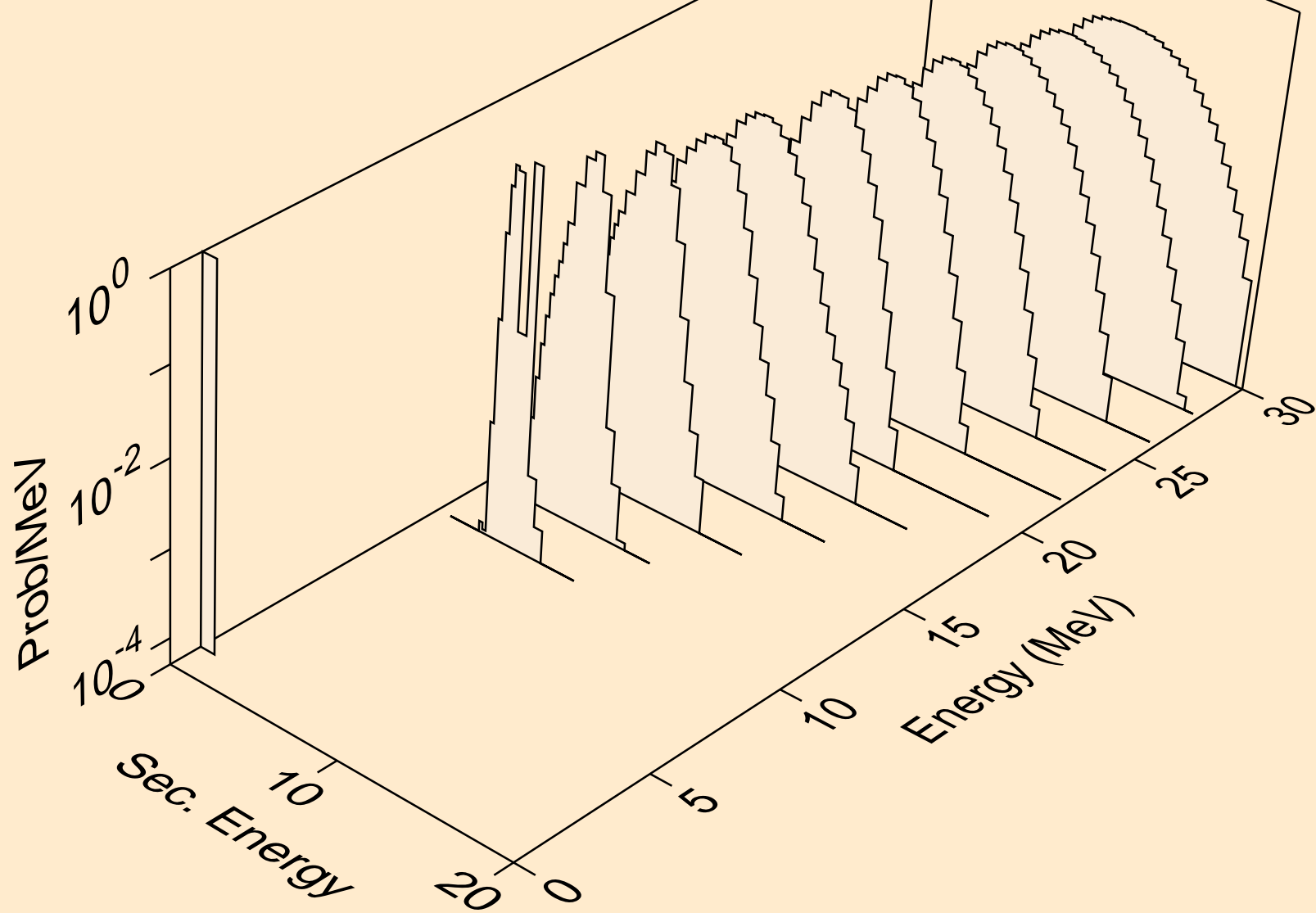
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)

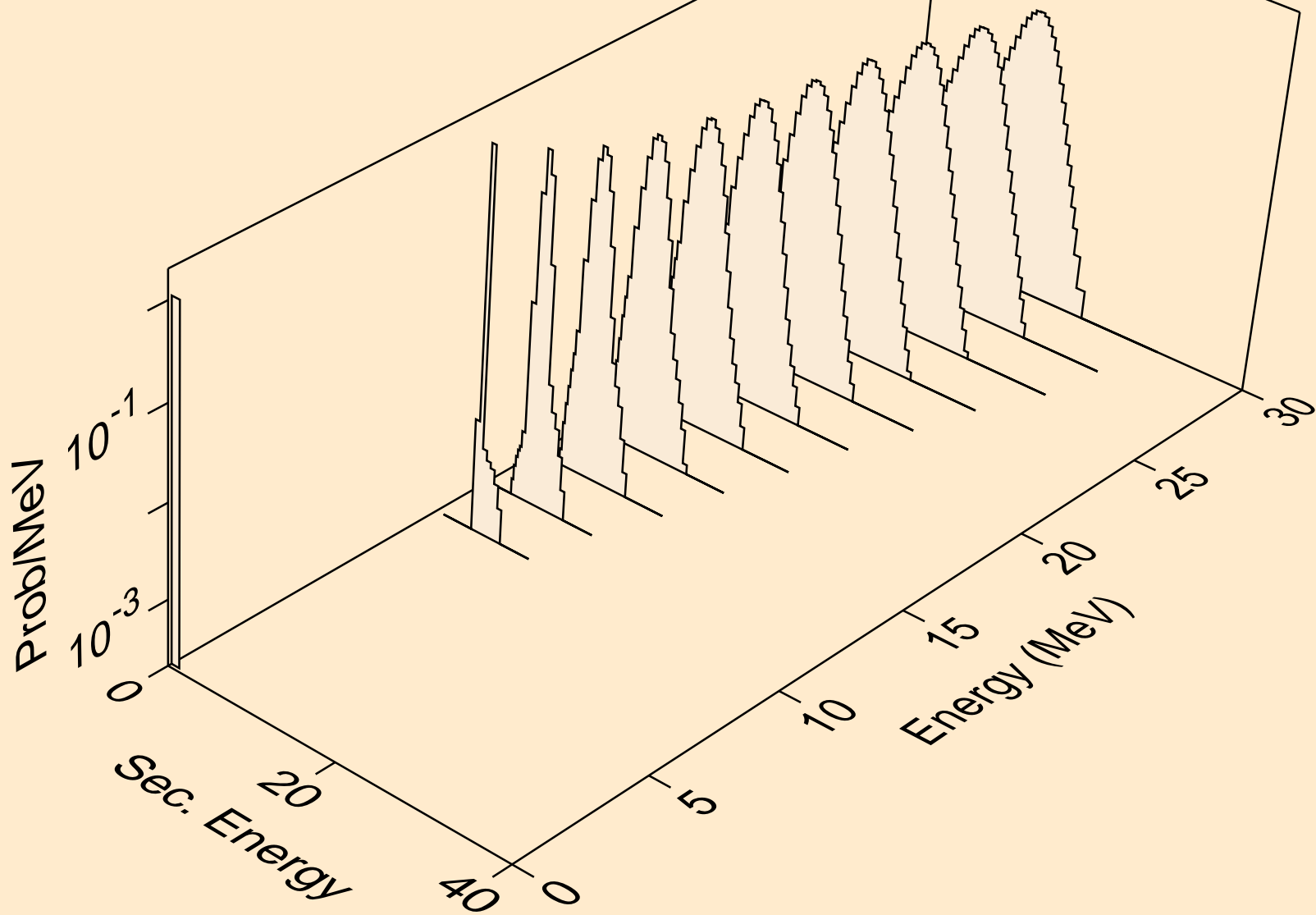


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)

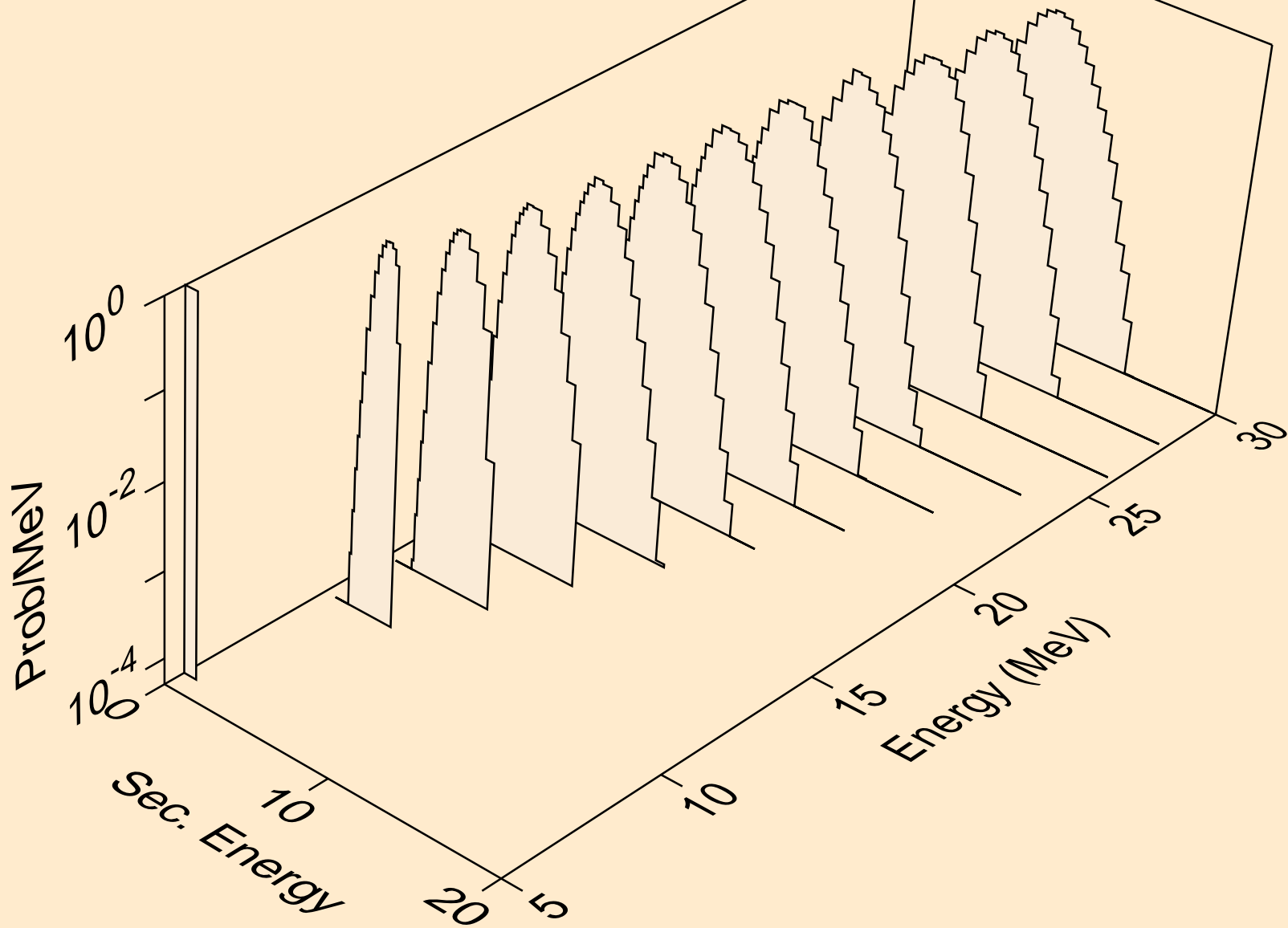




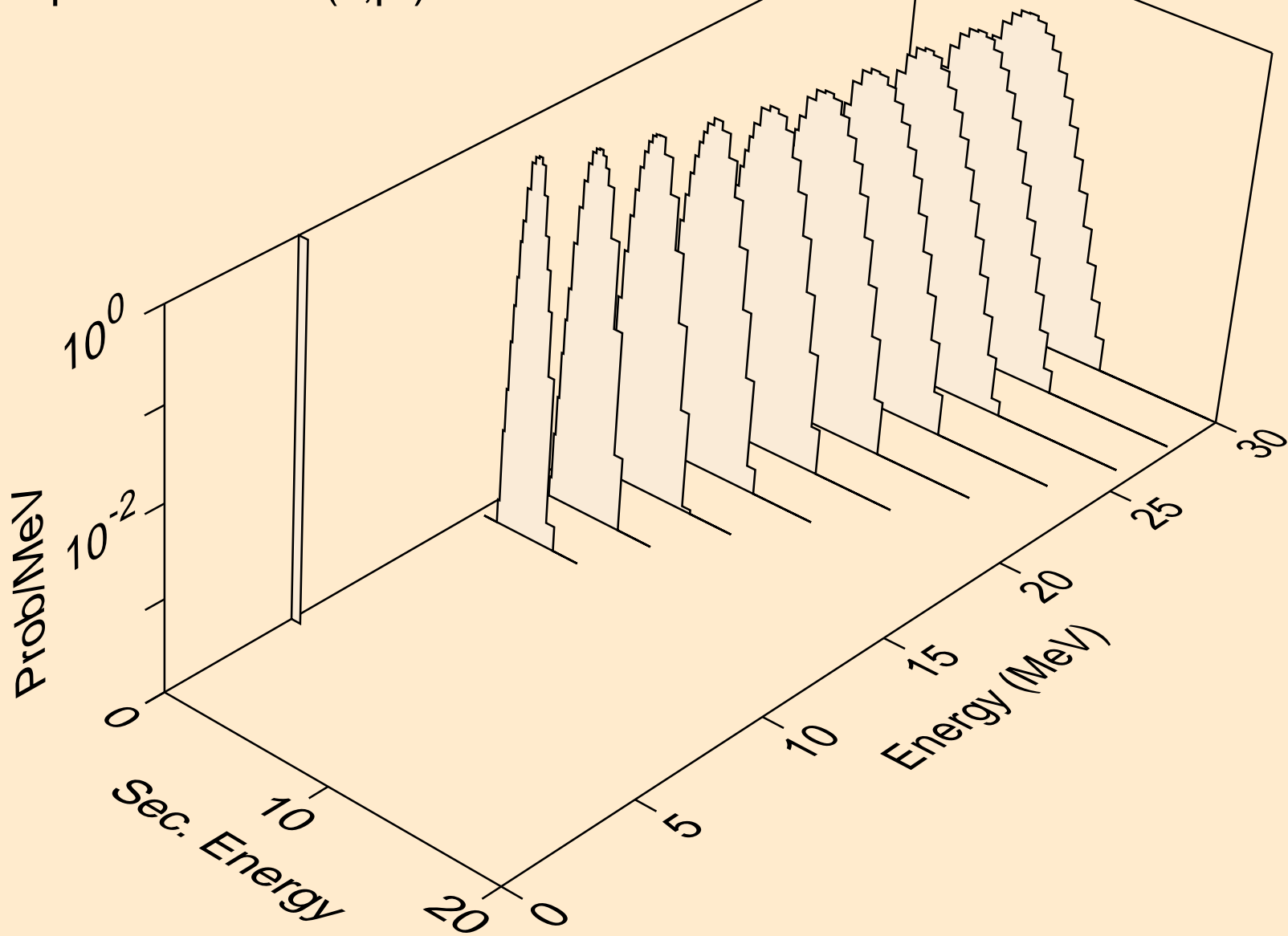
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protons from (s,pa)



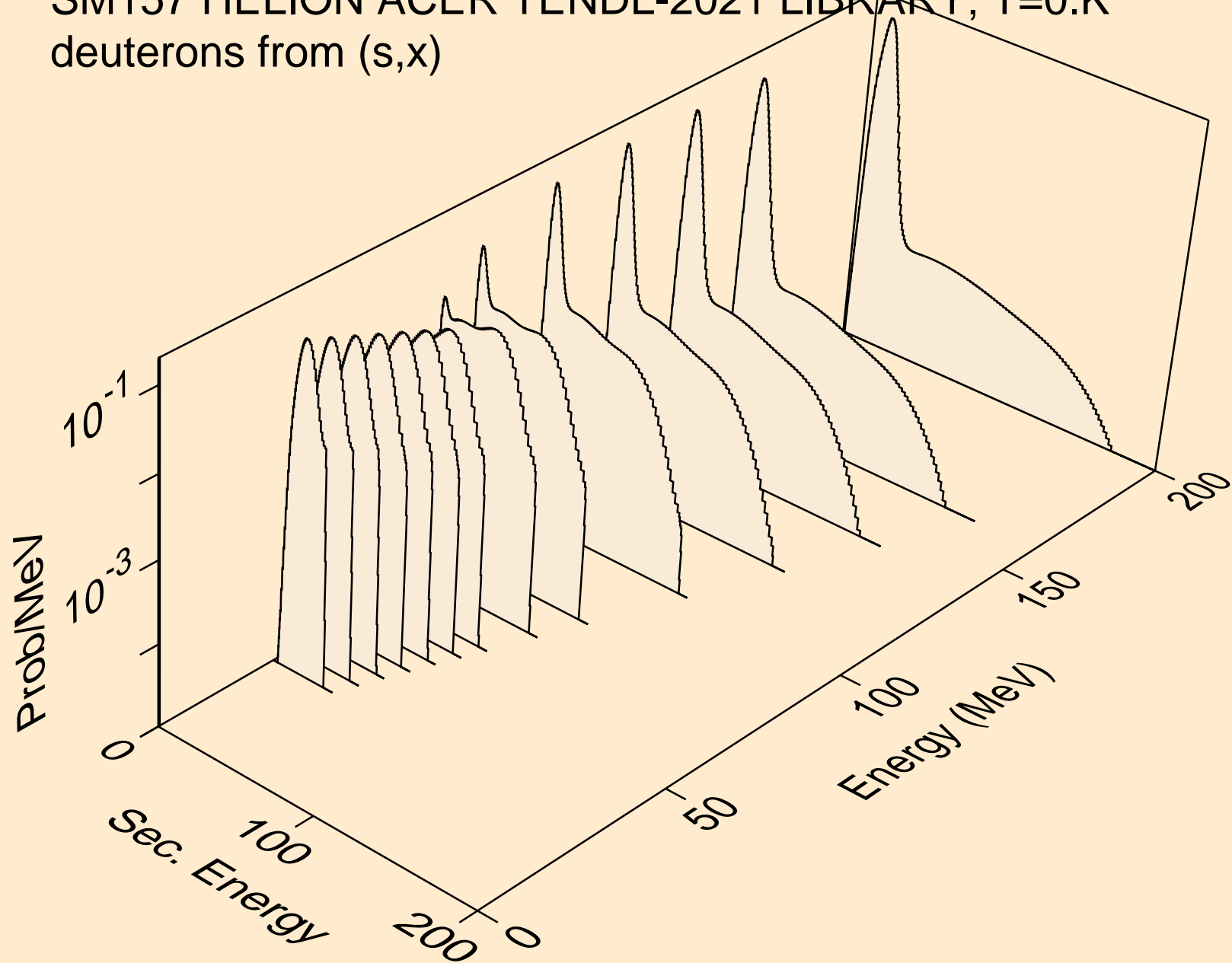
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



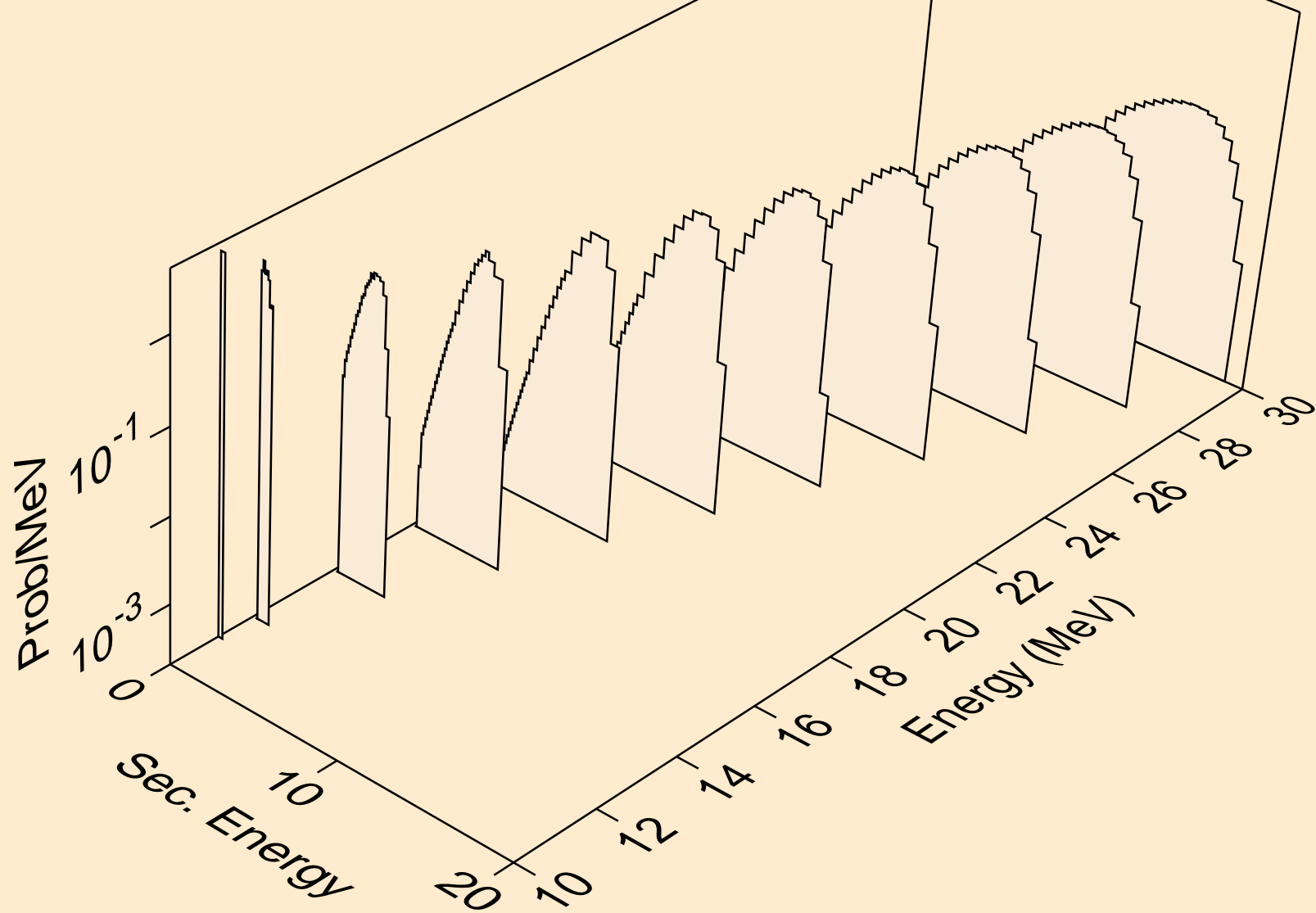
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



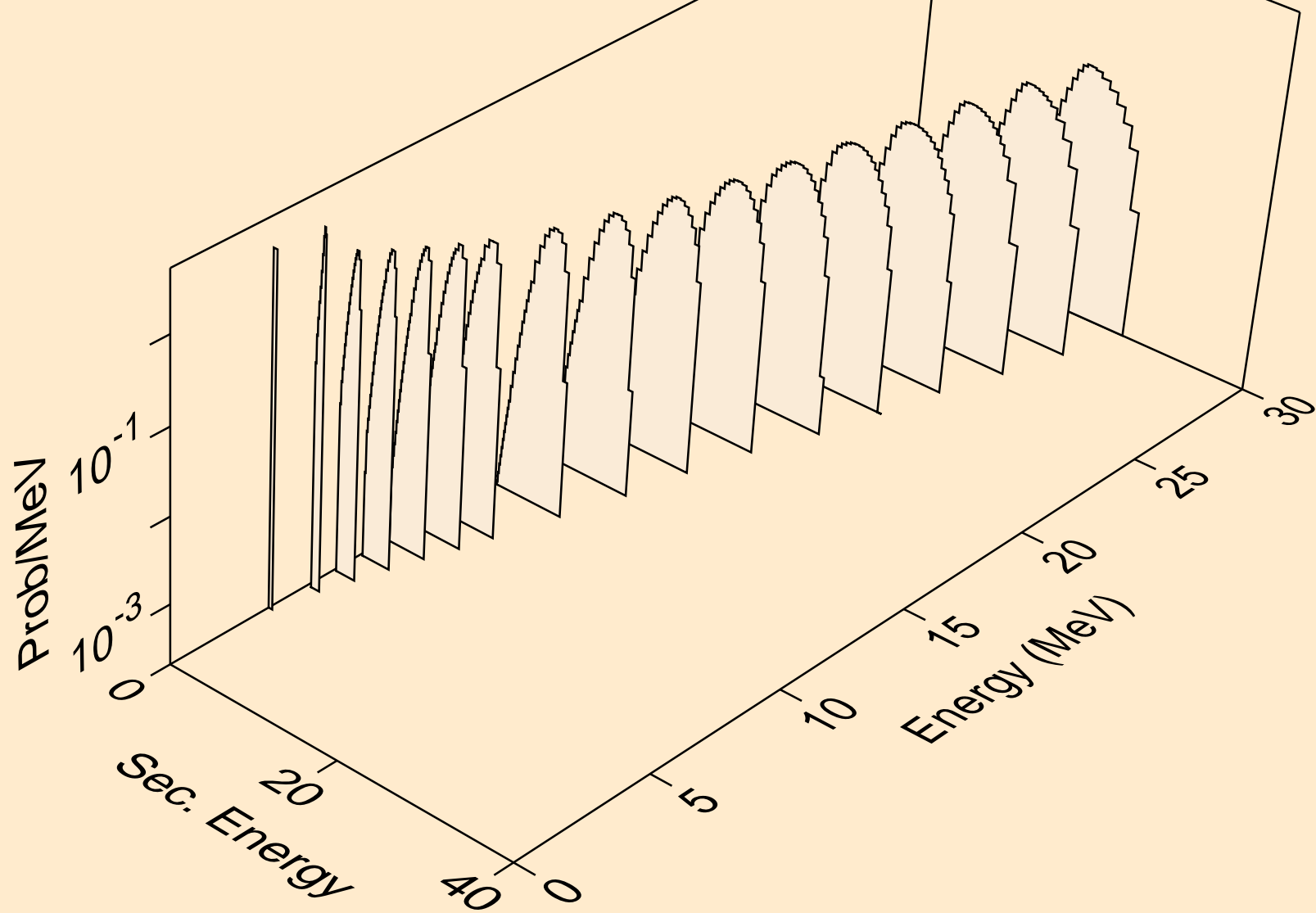
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



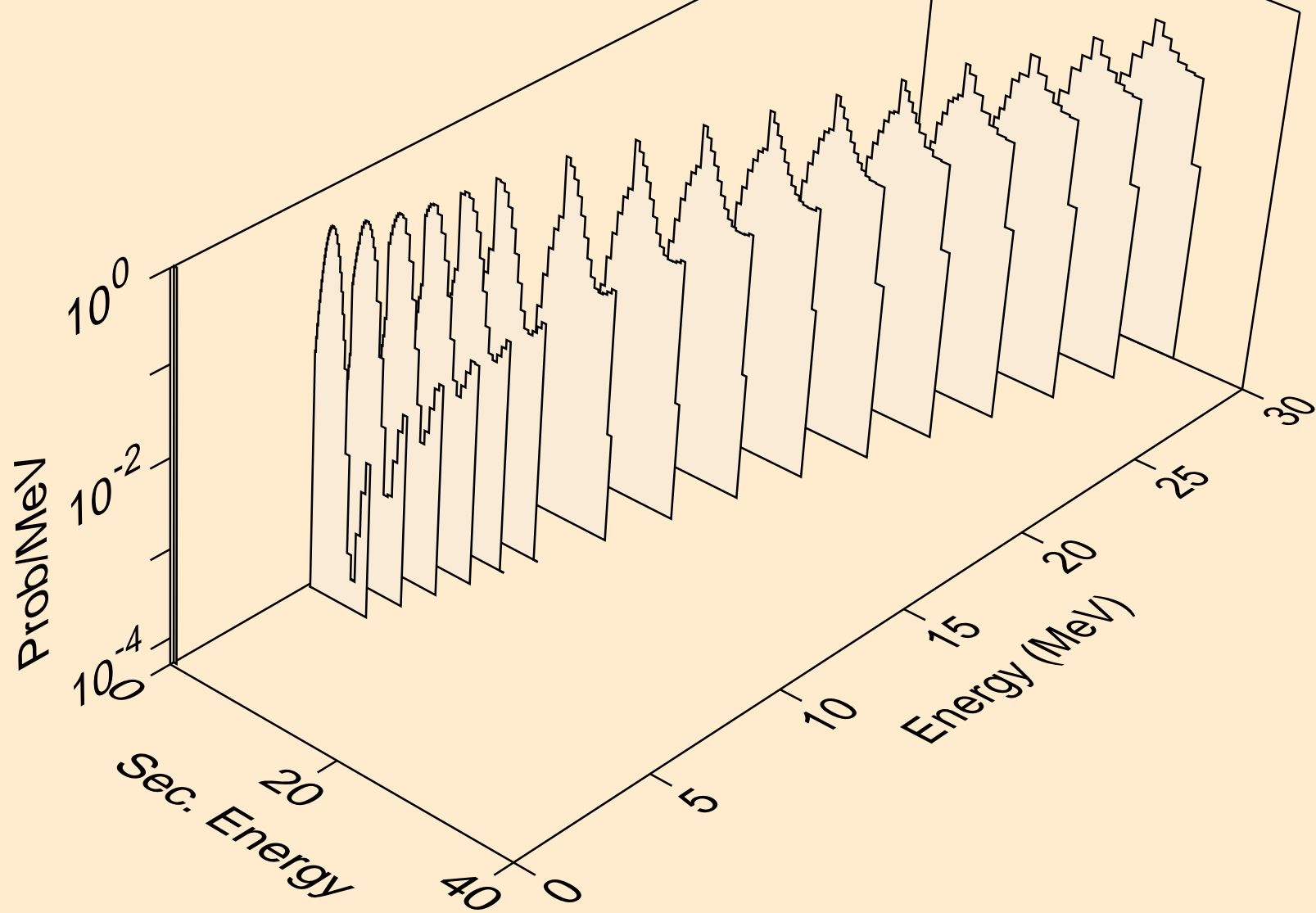
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deuterons from (s,2nd)



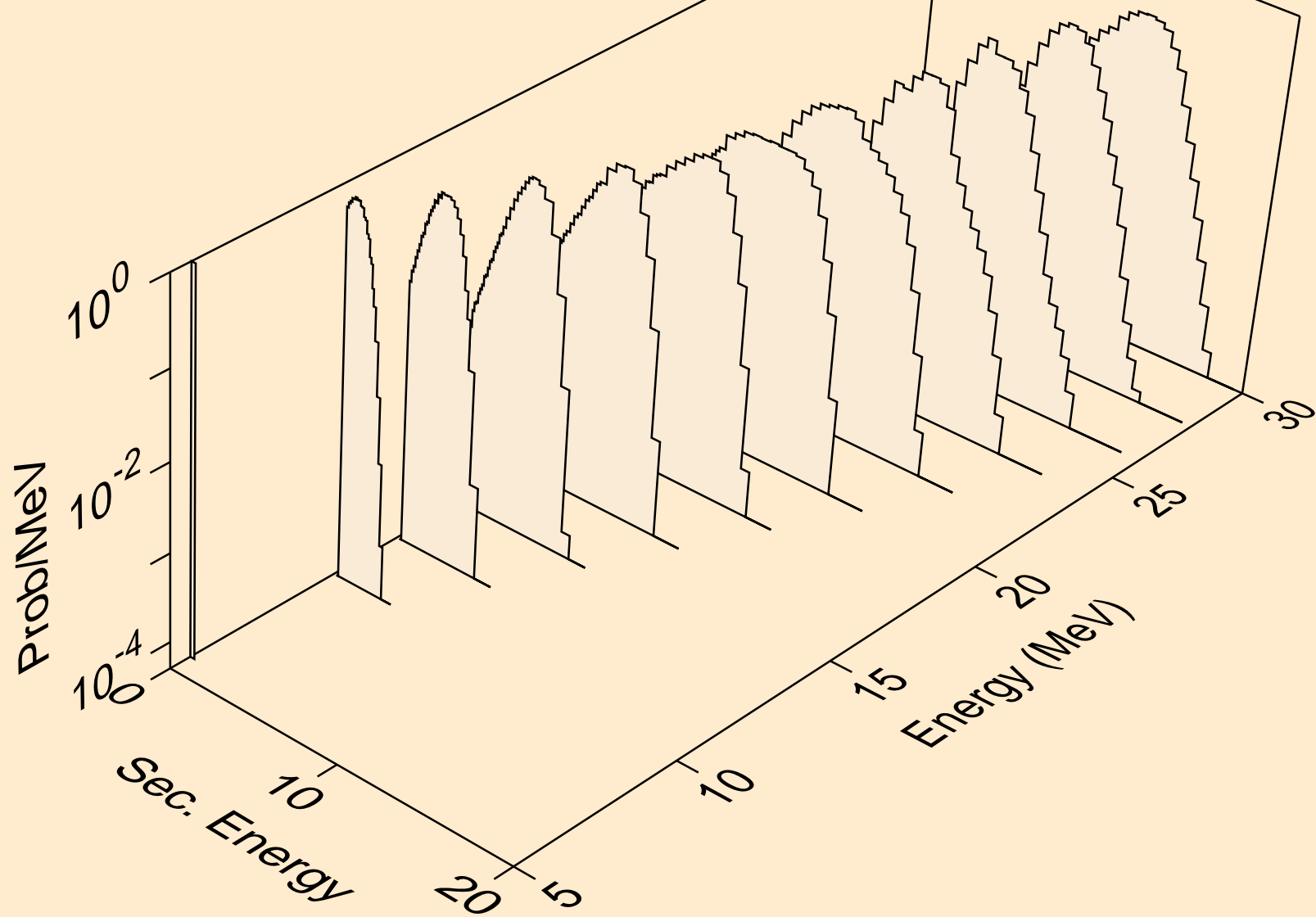
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)

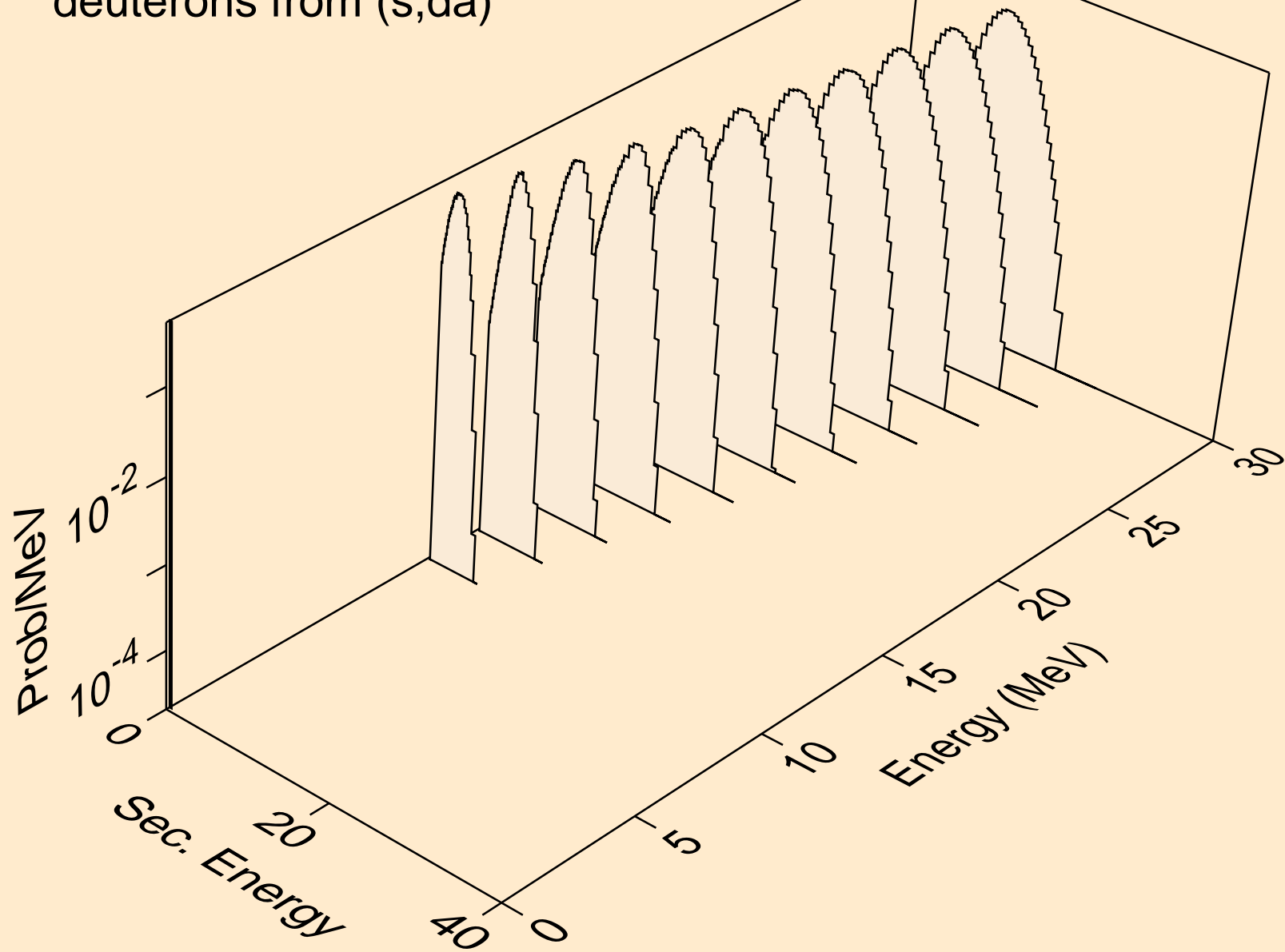


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)

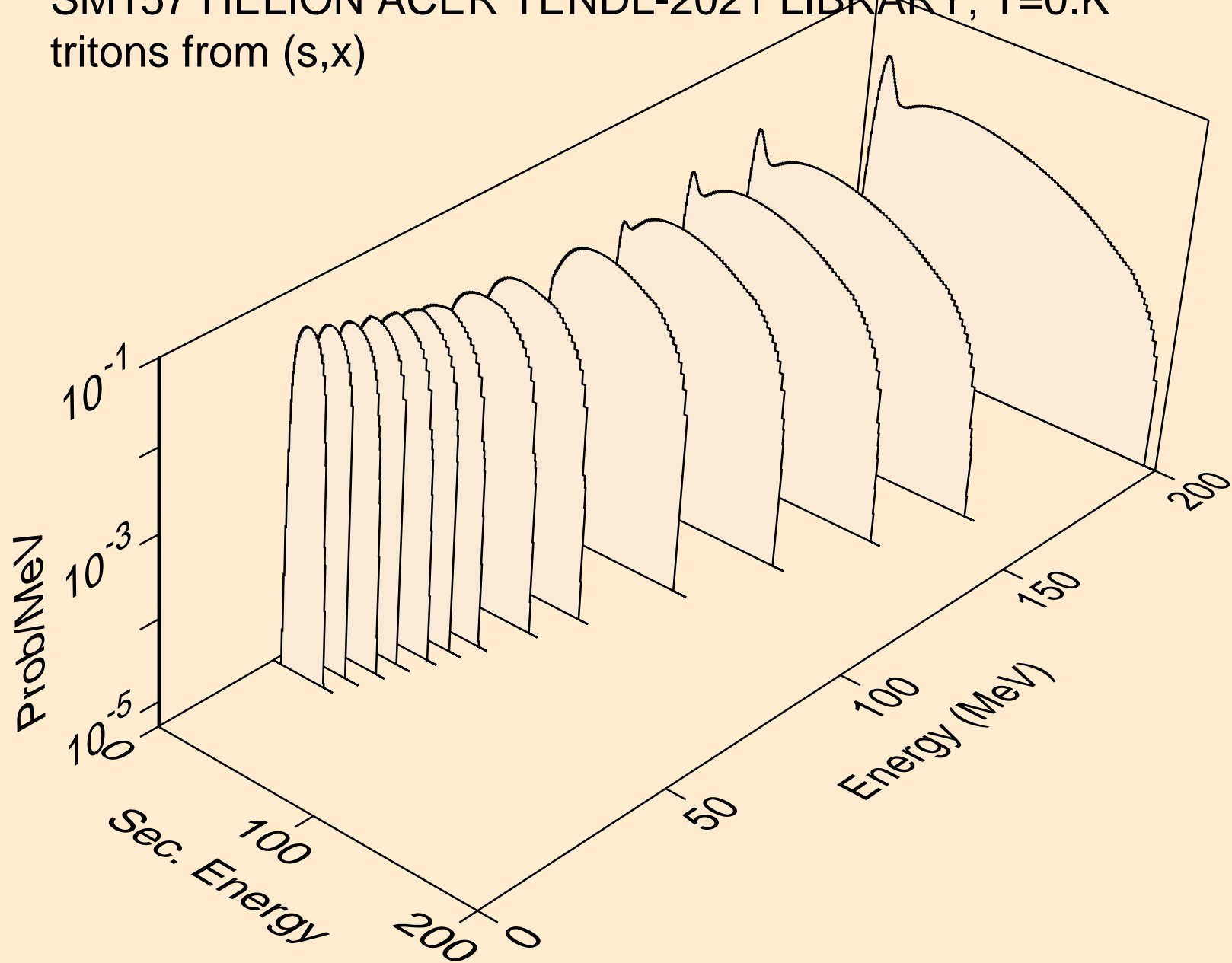




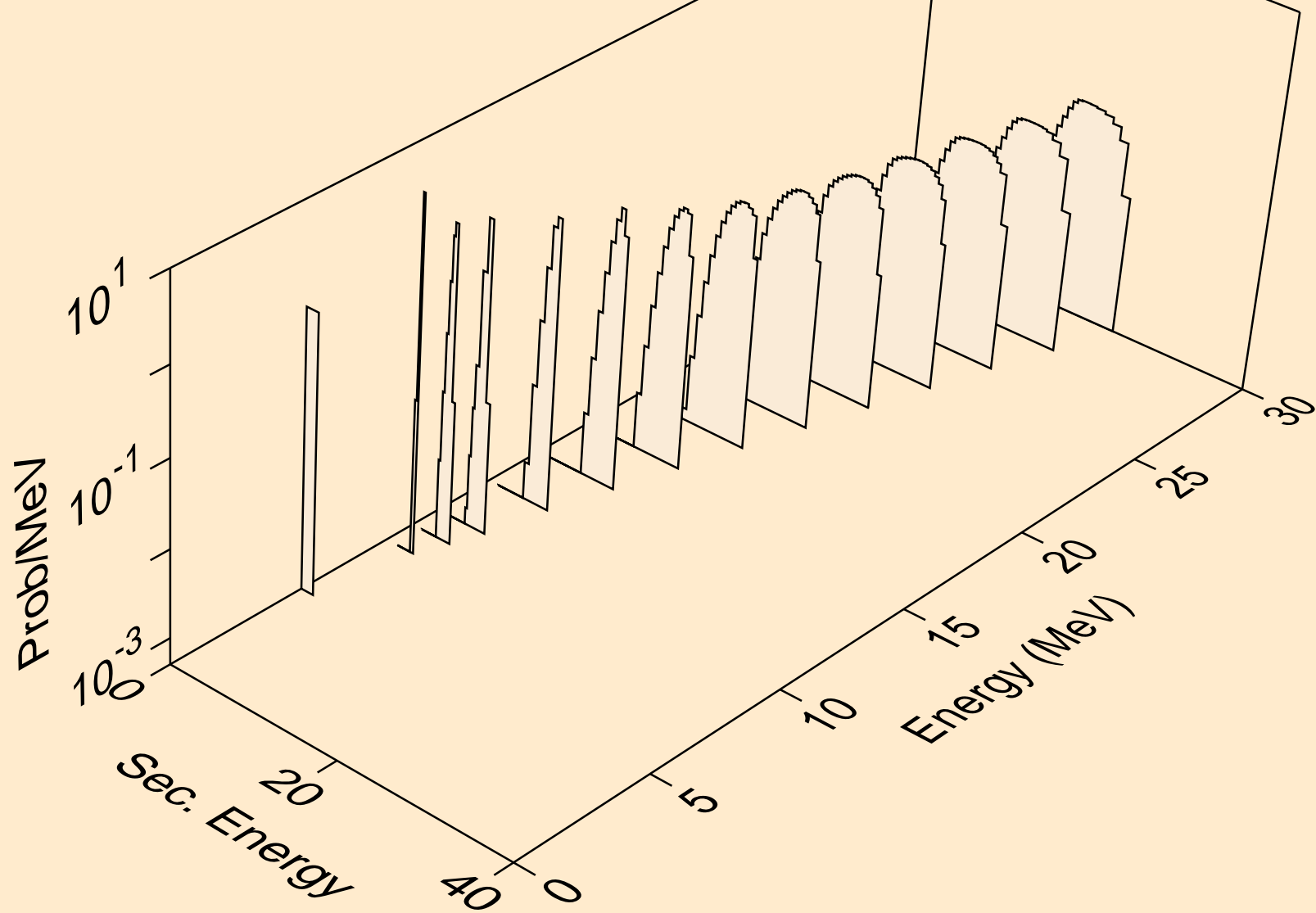
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



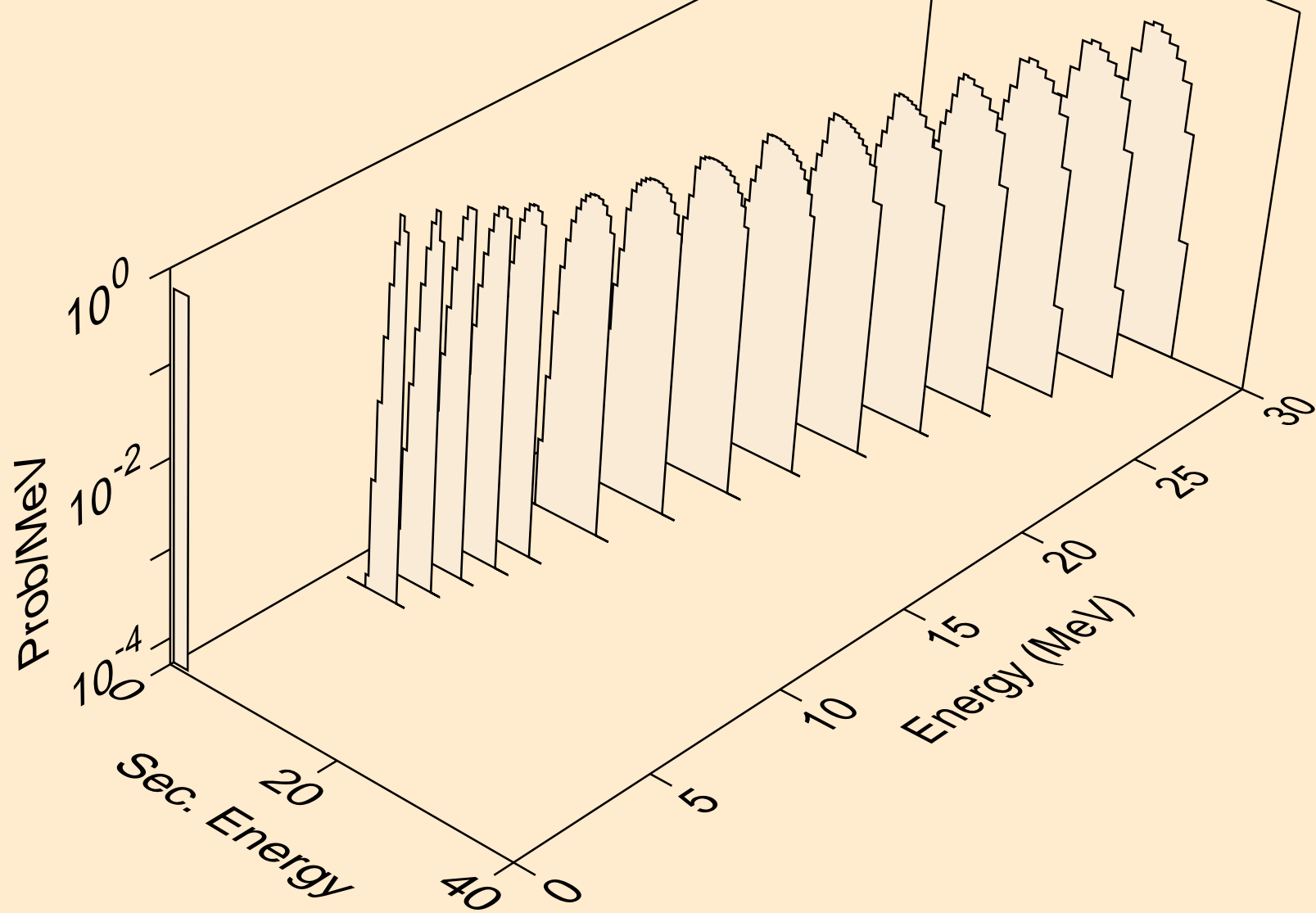
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



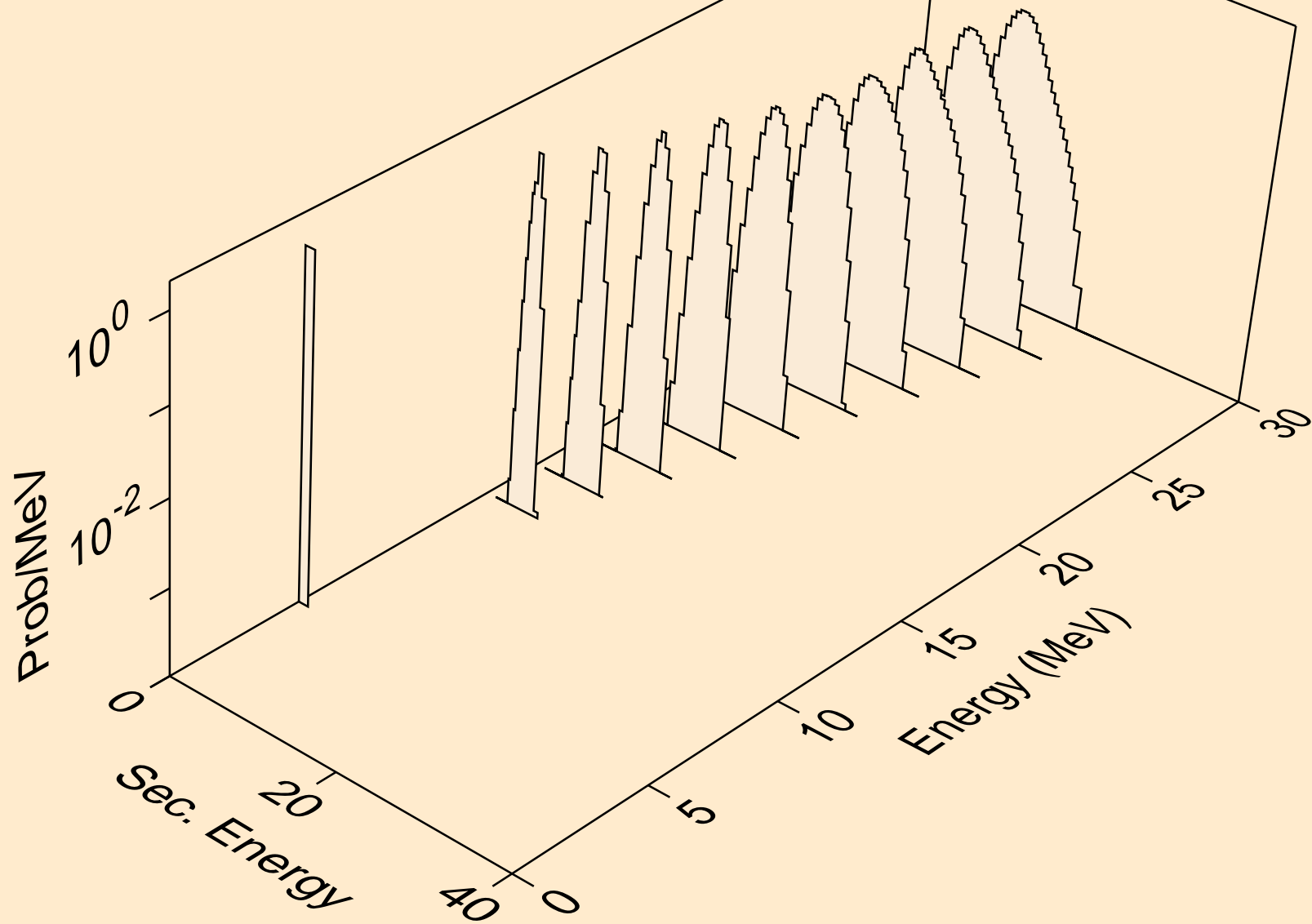
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



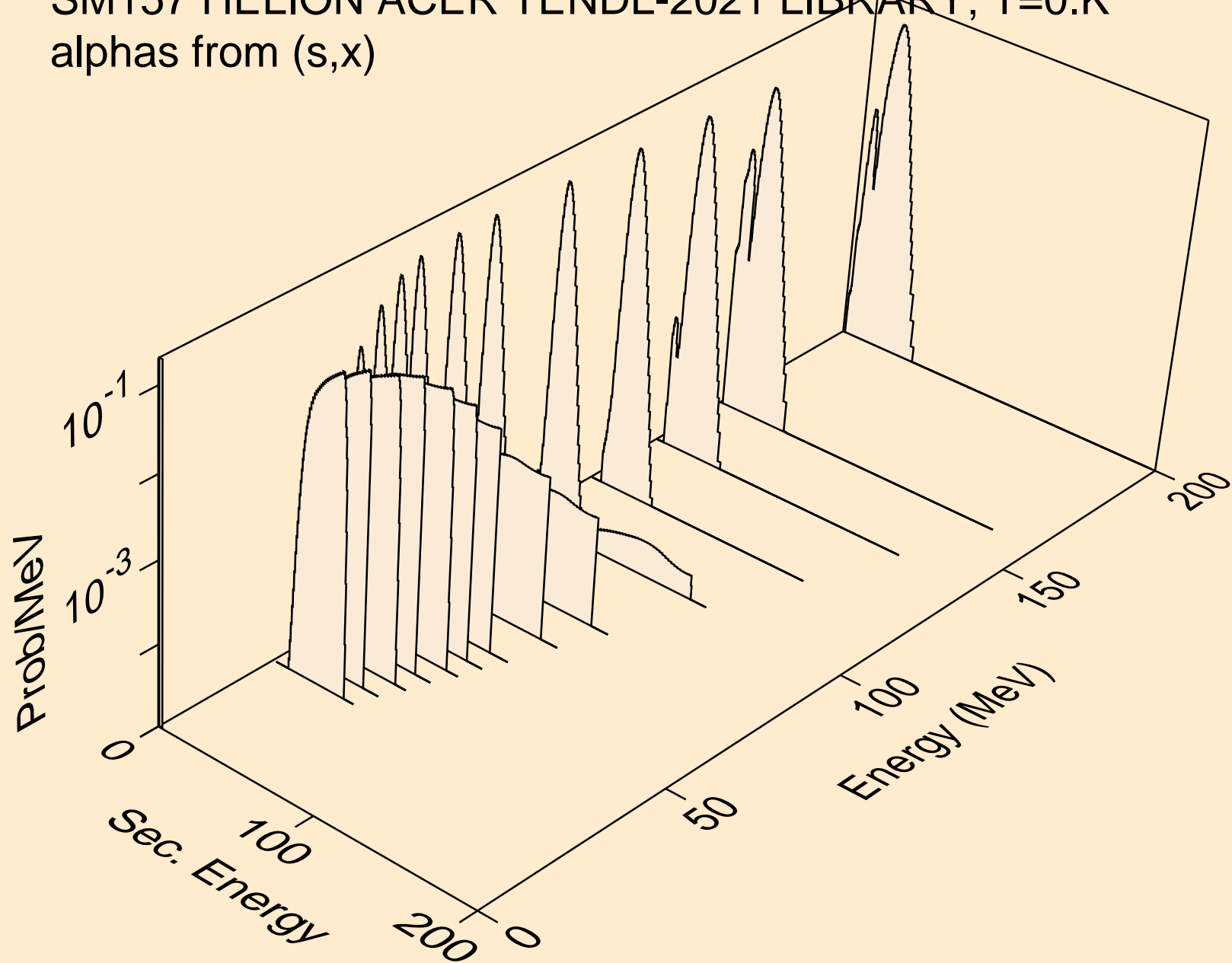
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tritons from (s,t)



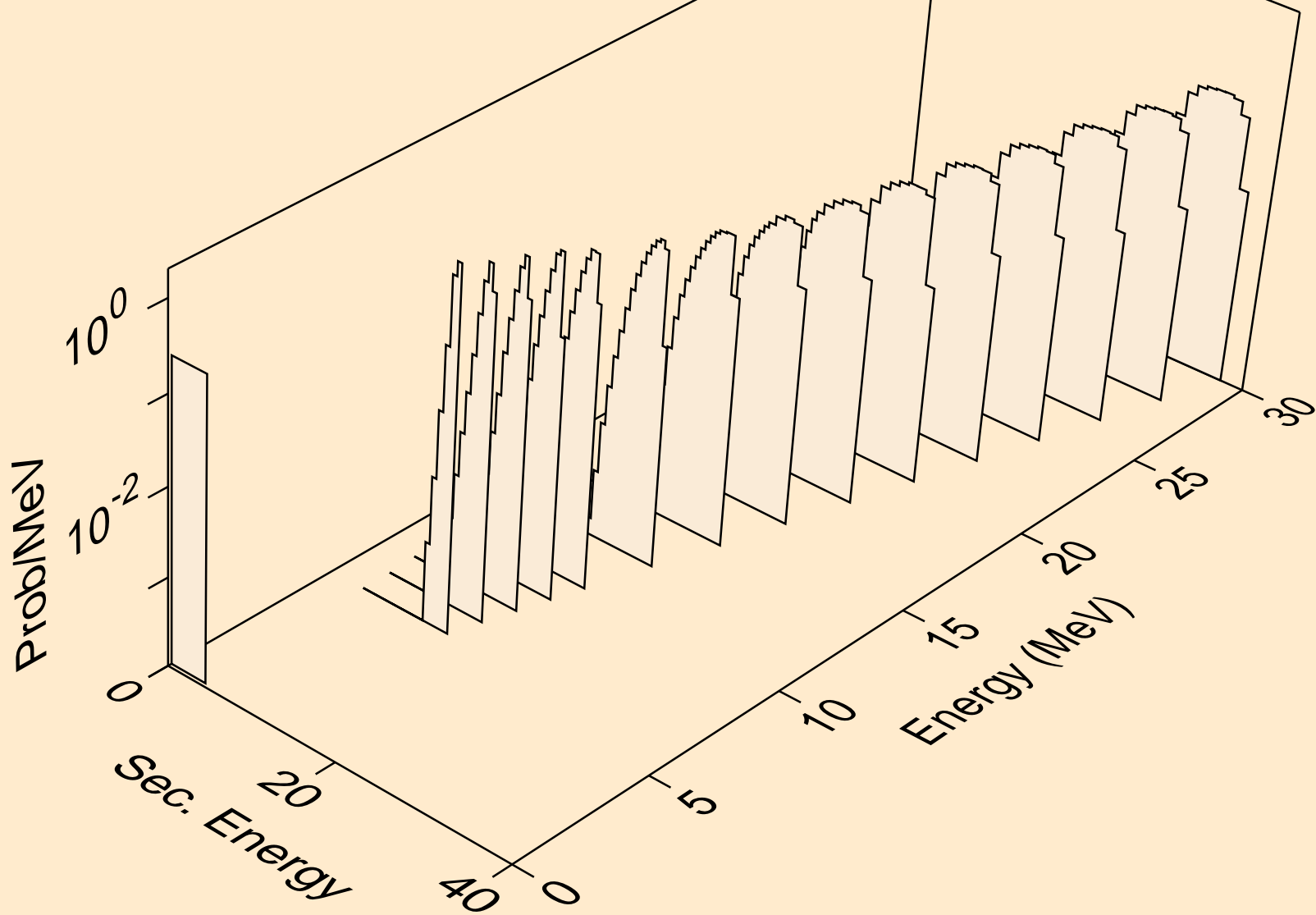
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



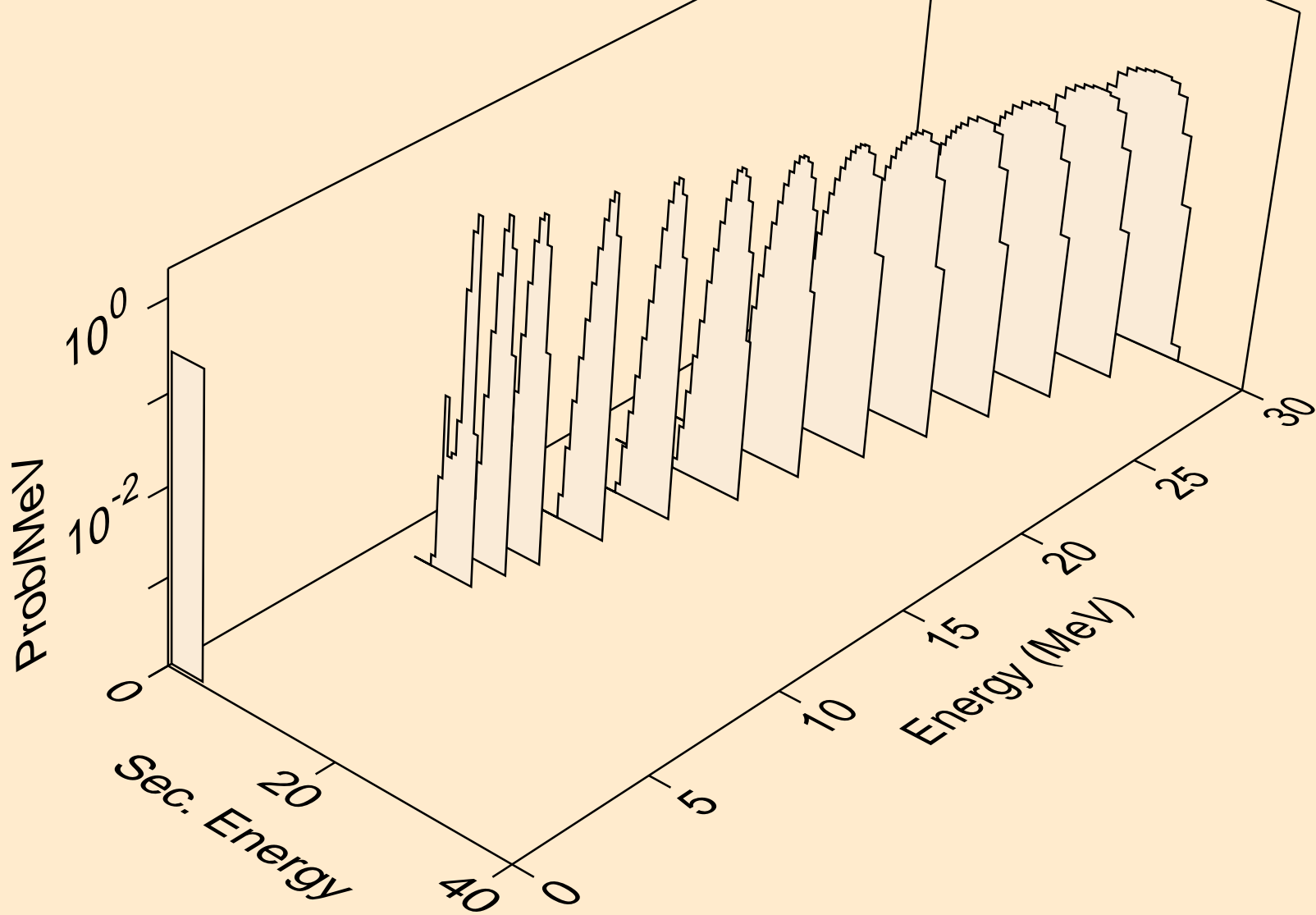
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a

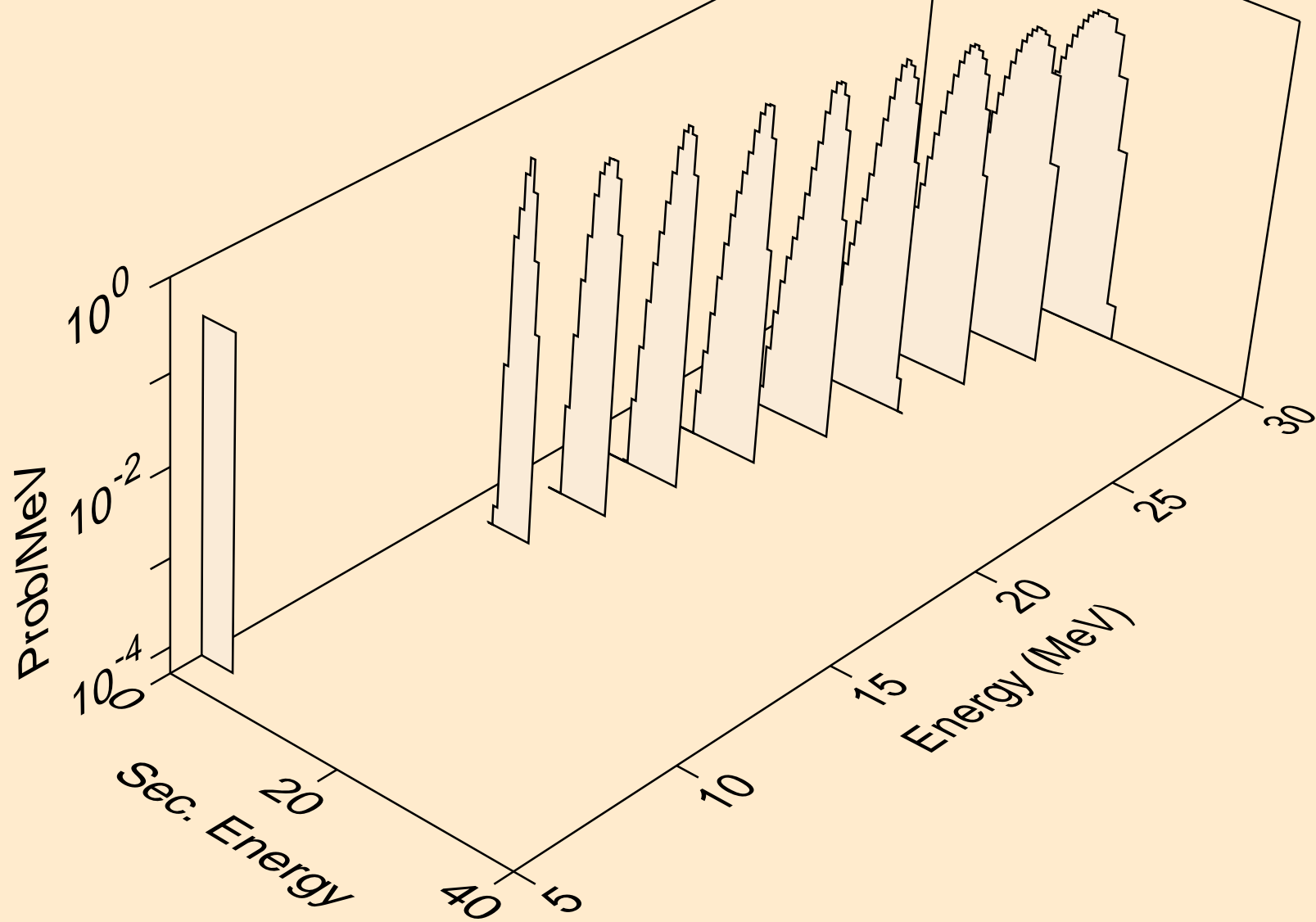


SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a

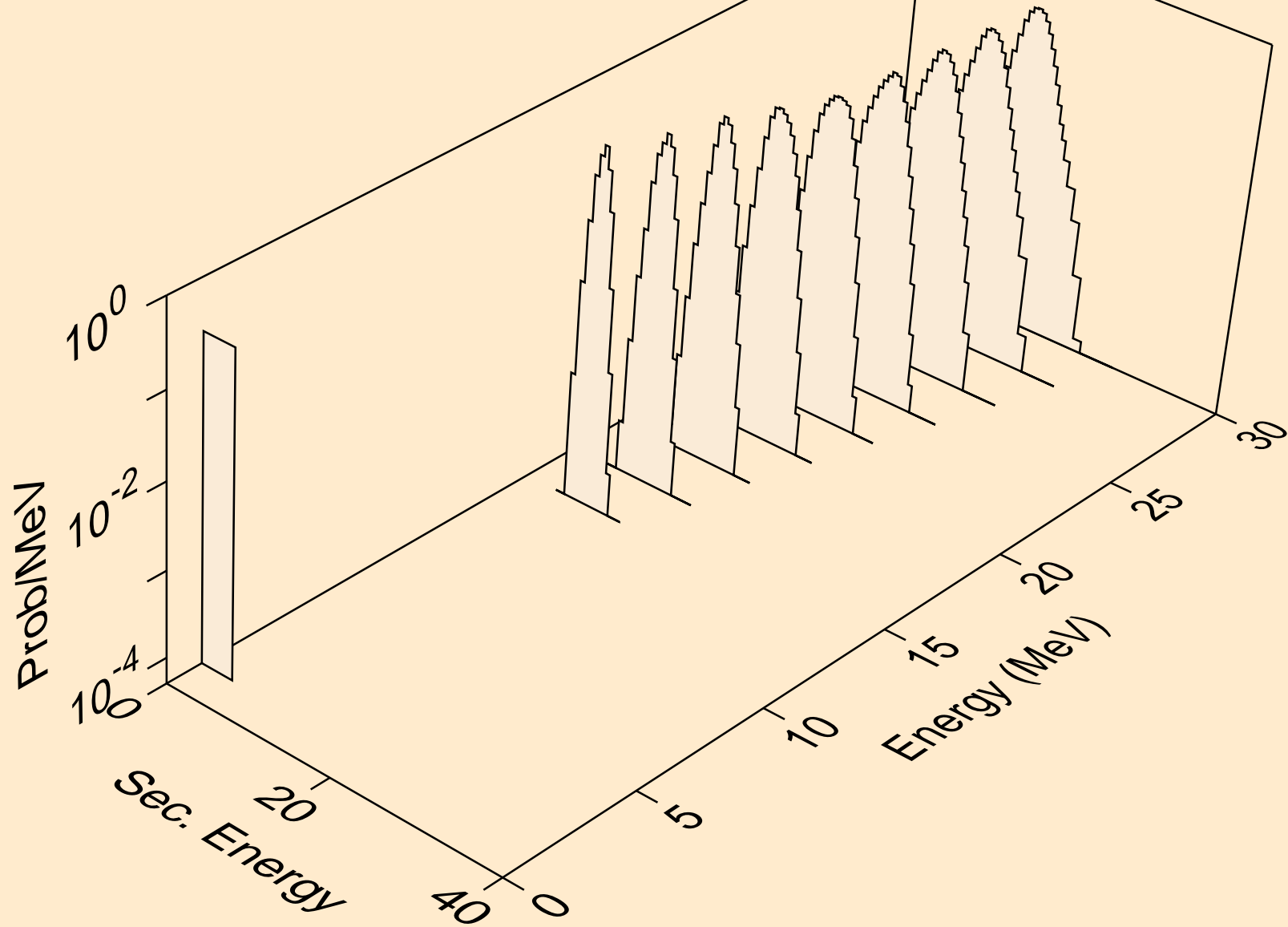




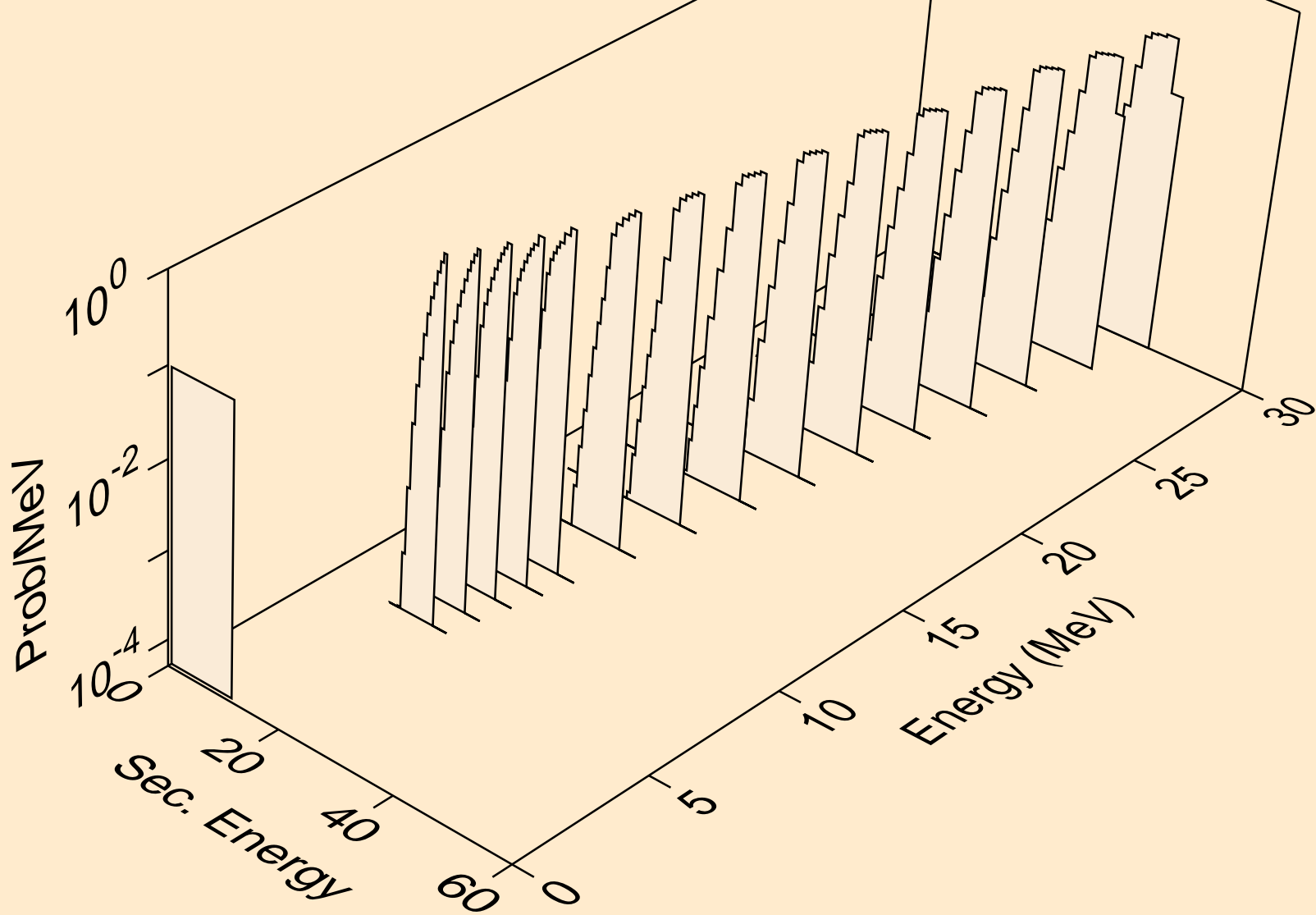
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



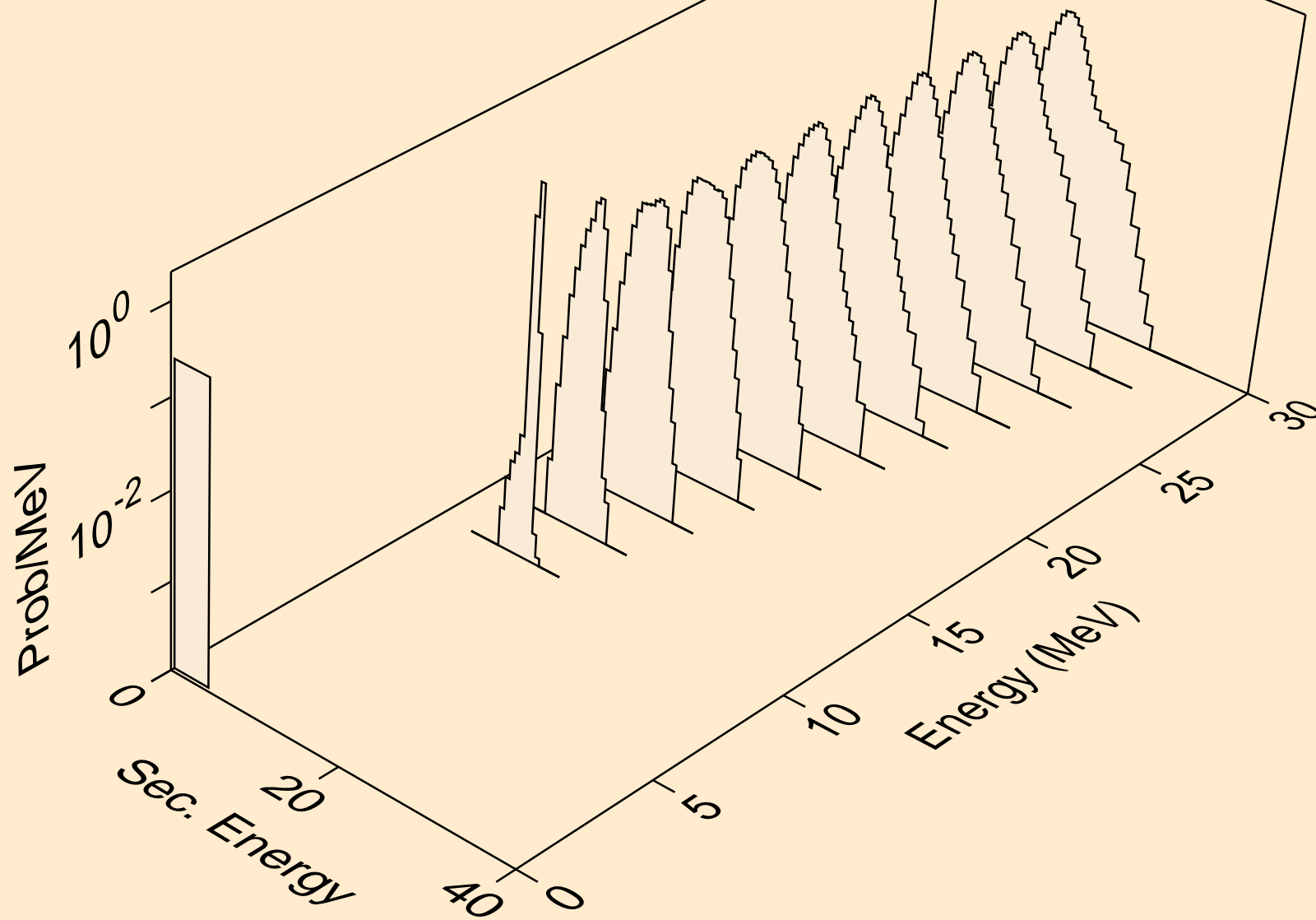
SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



SM157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

