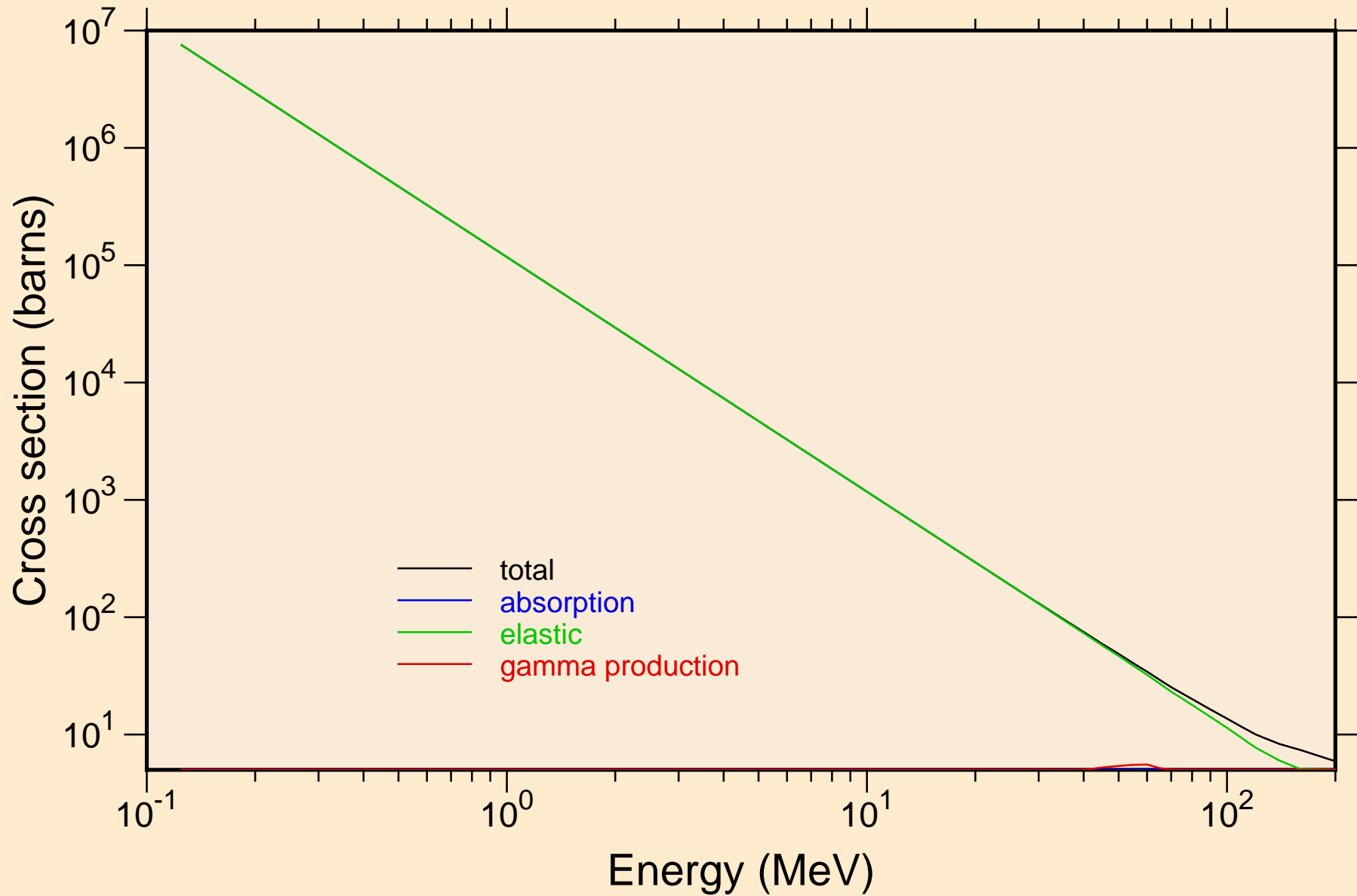
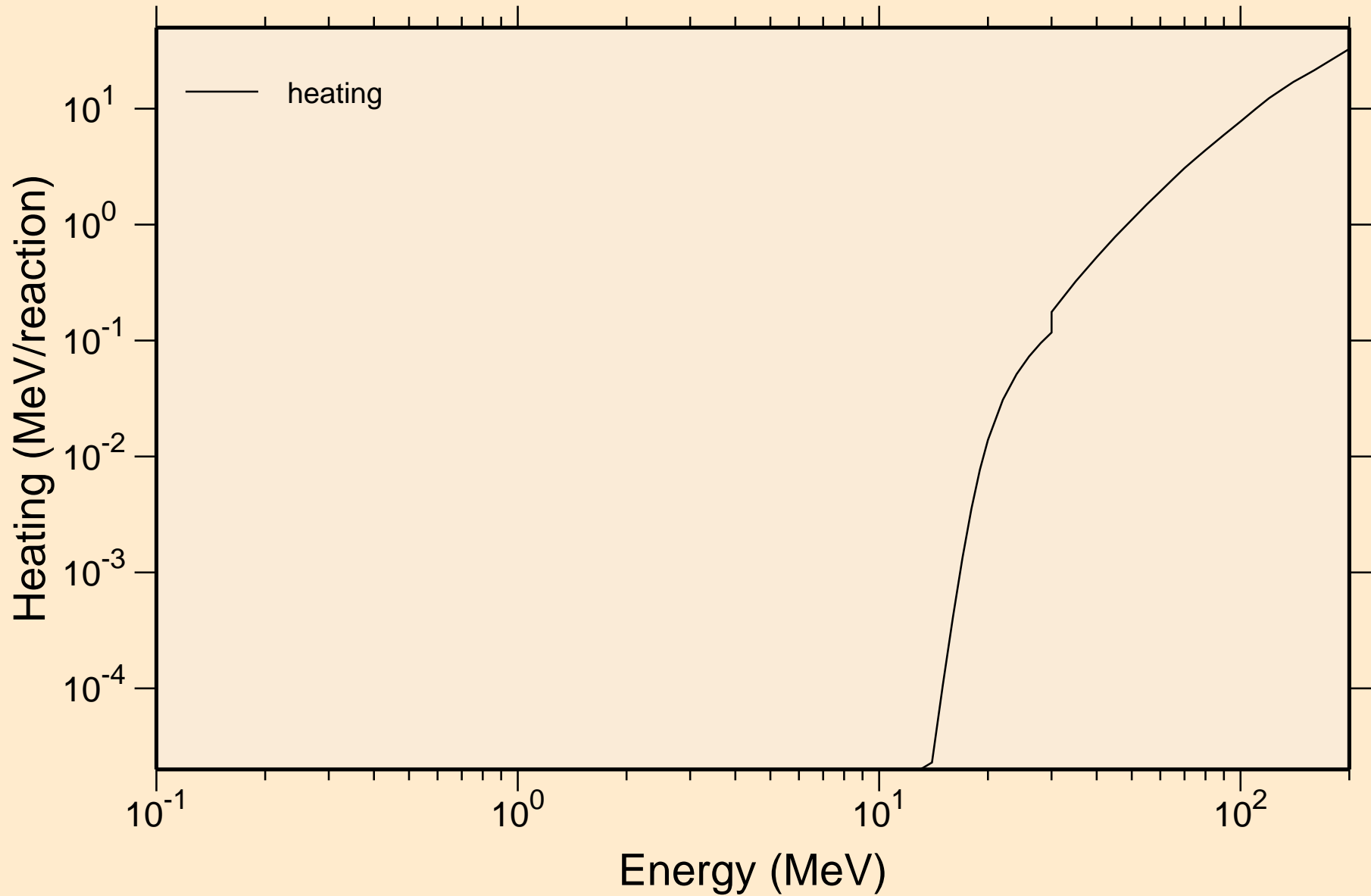


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



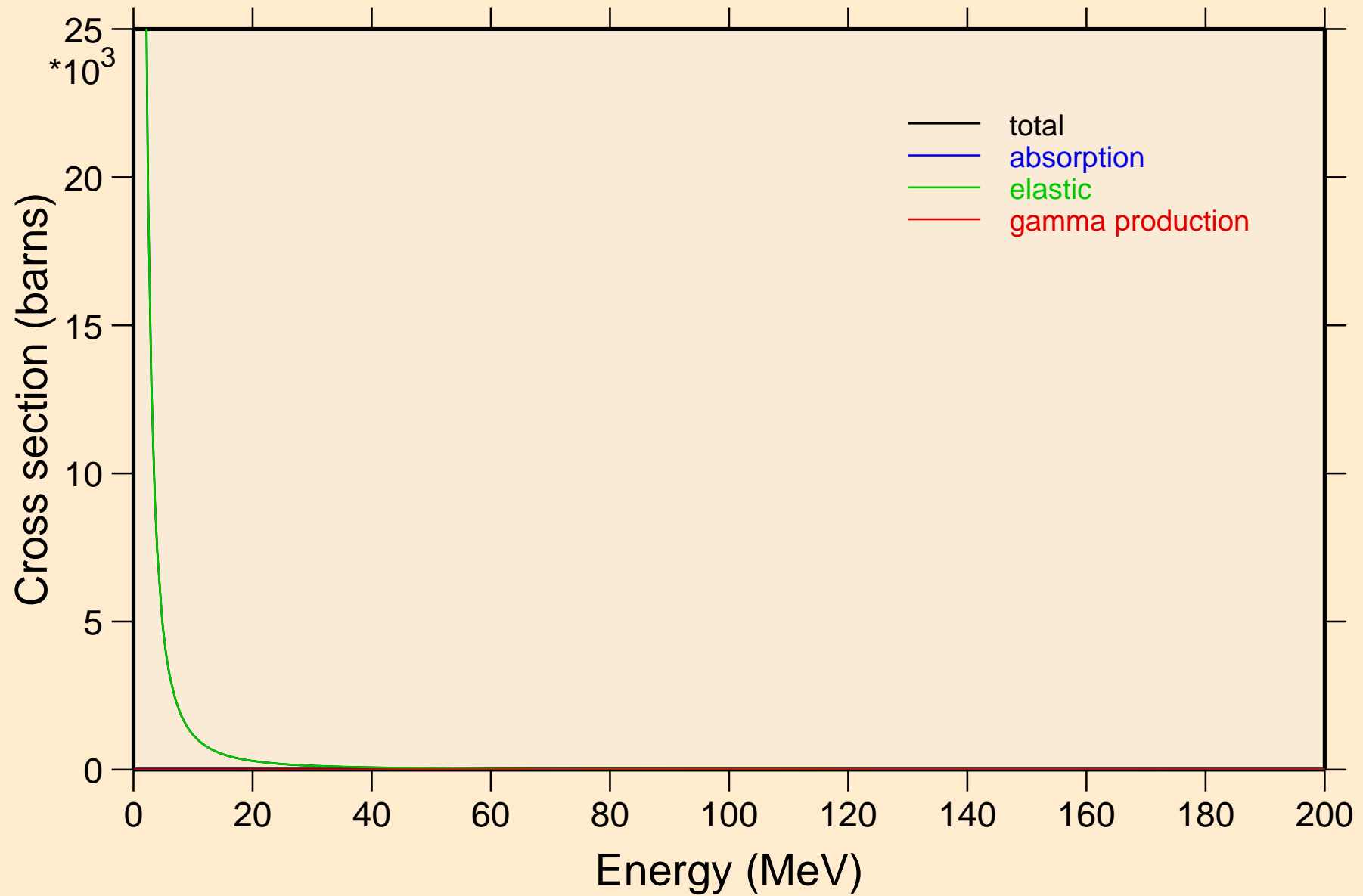
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



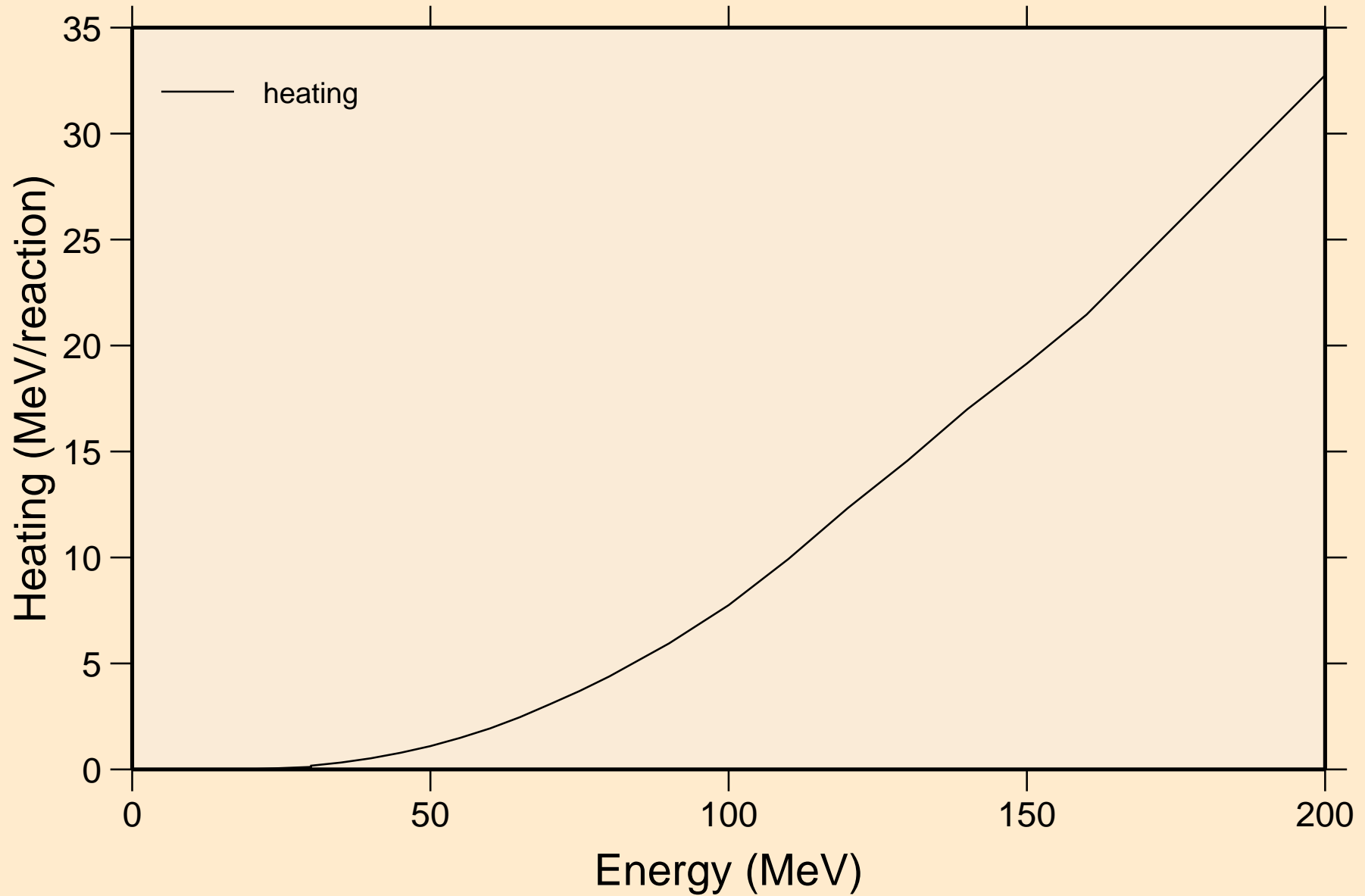
# ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

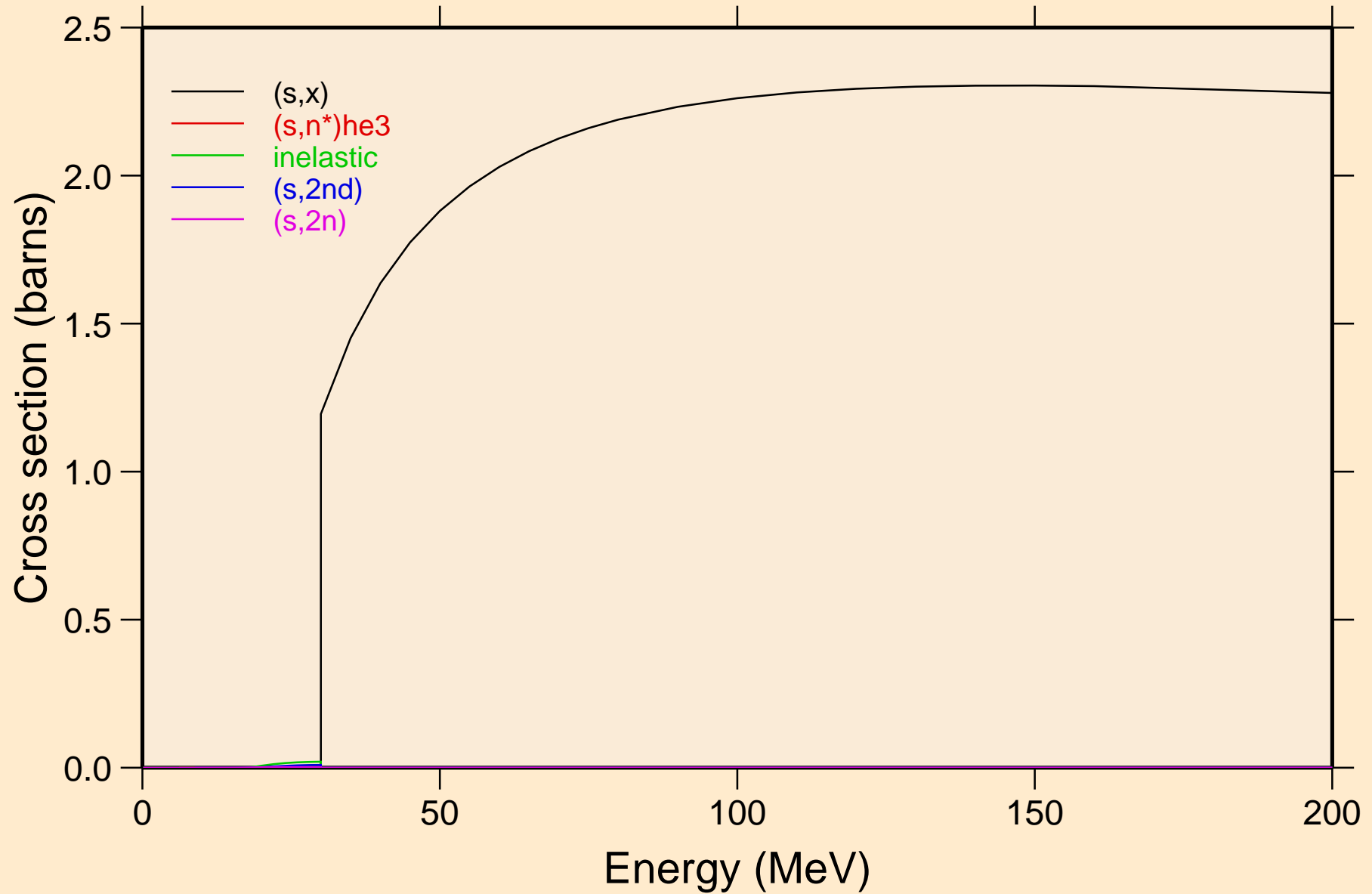


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K

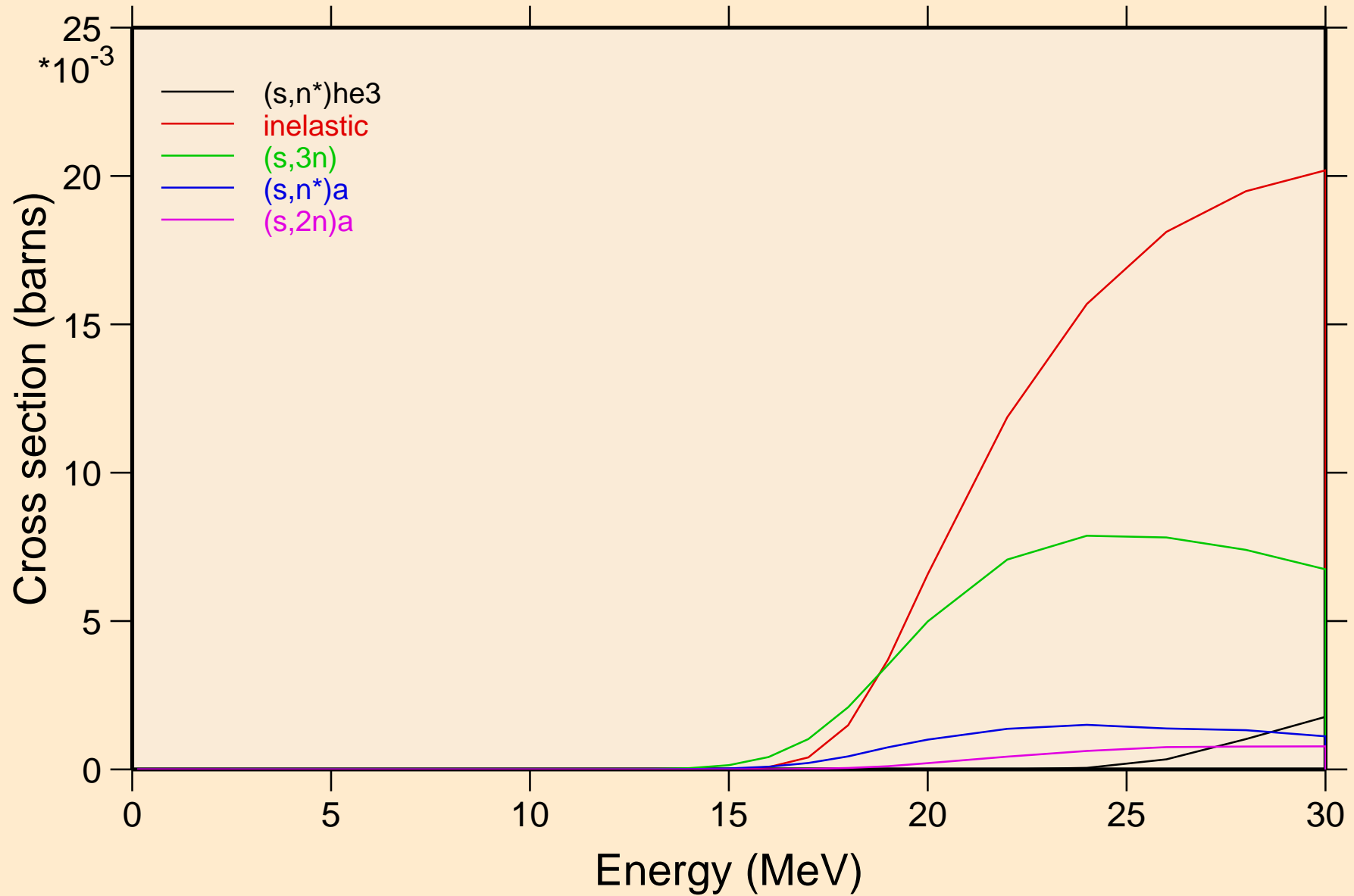
Heating



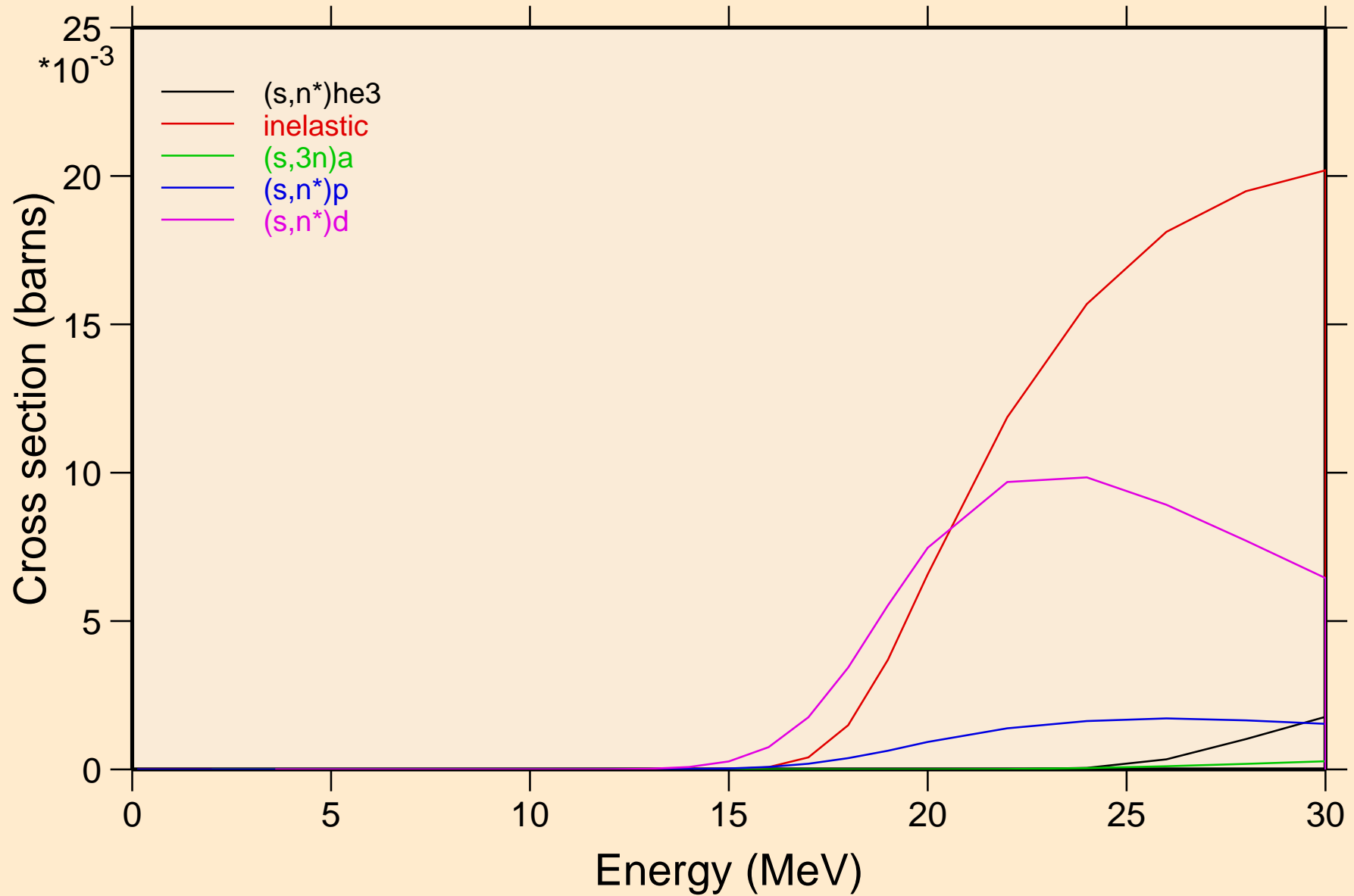
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



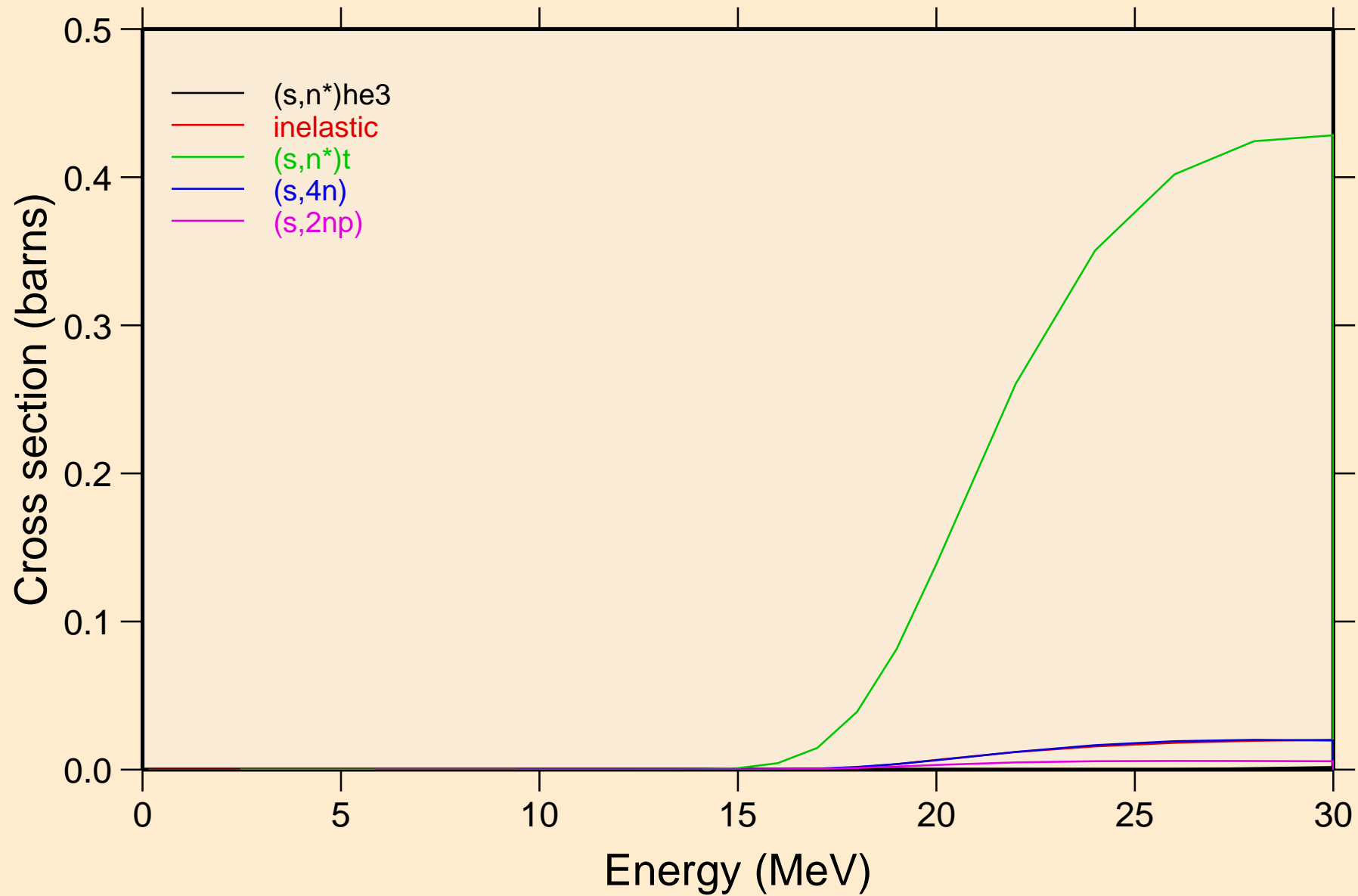
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

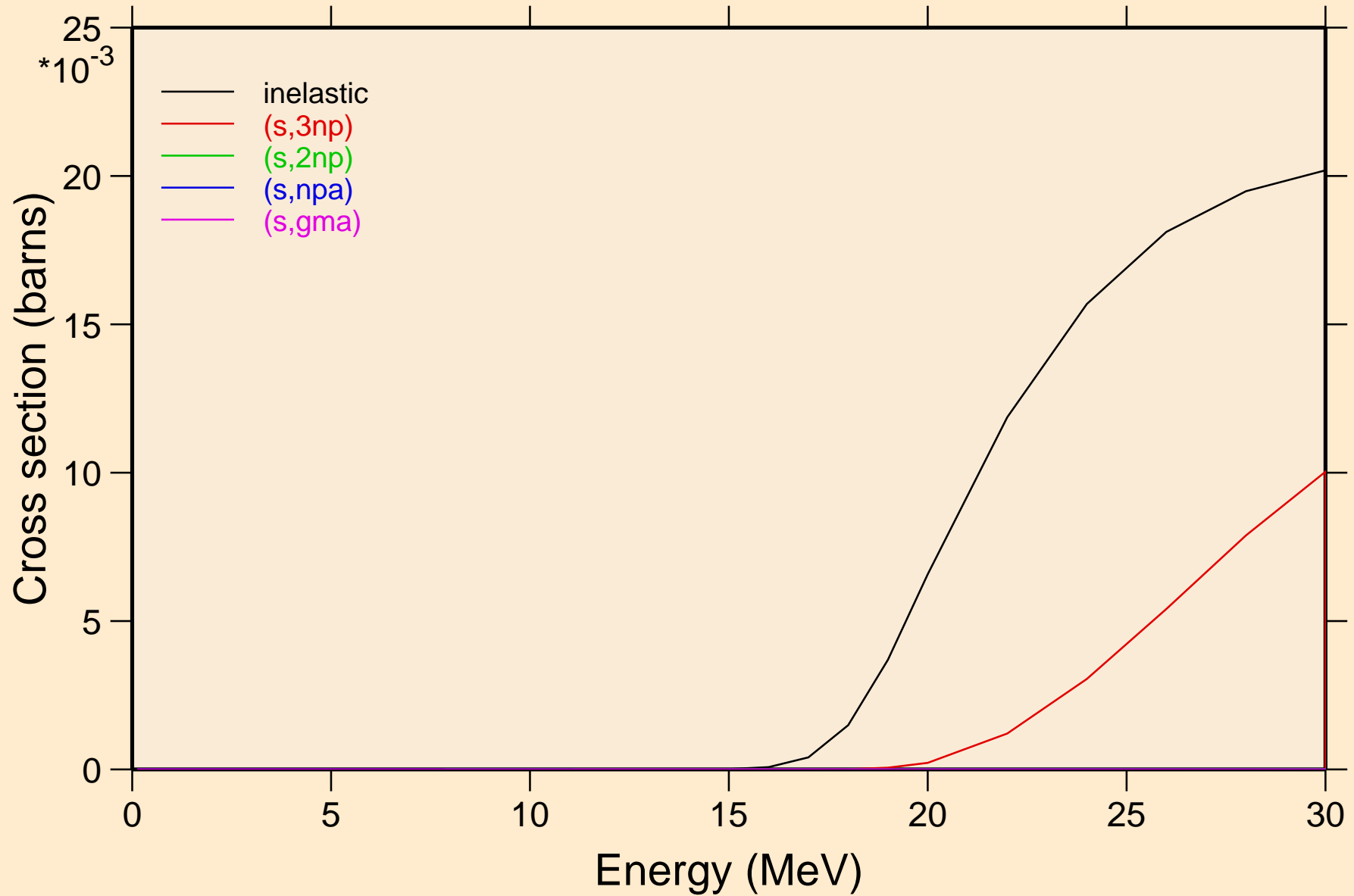


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



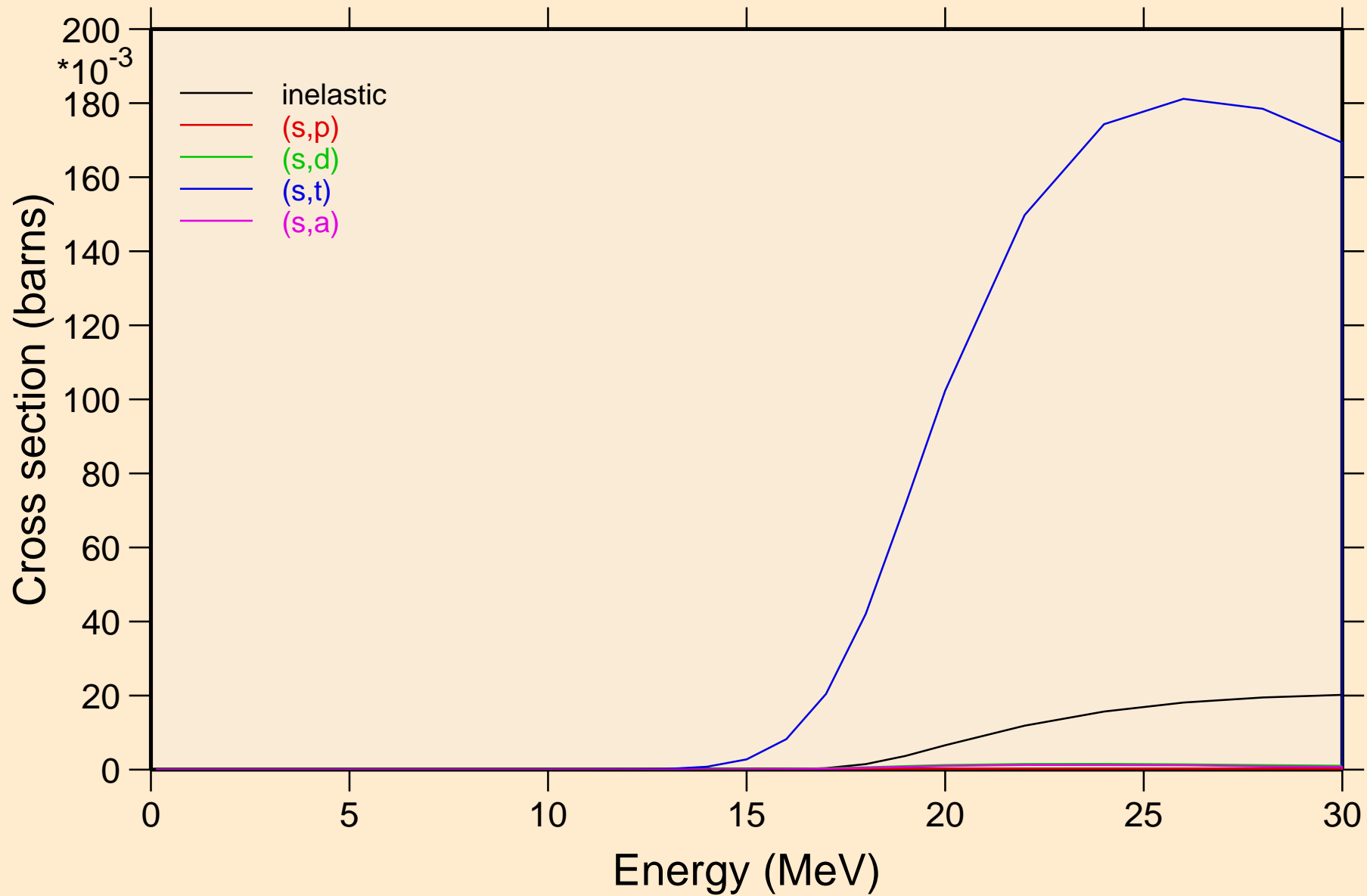


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

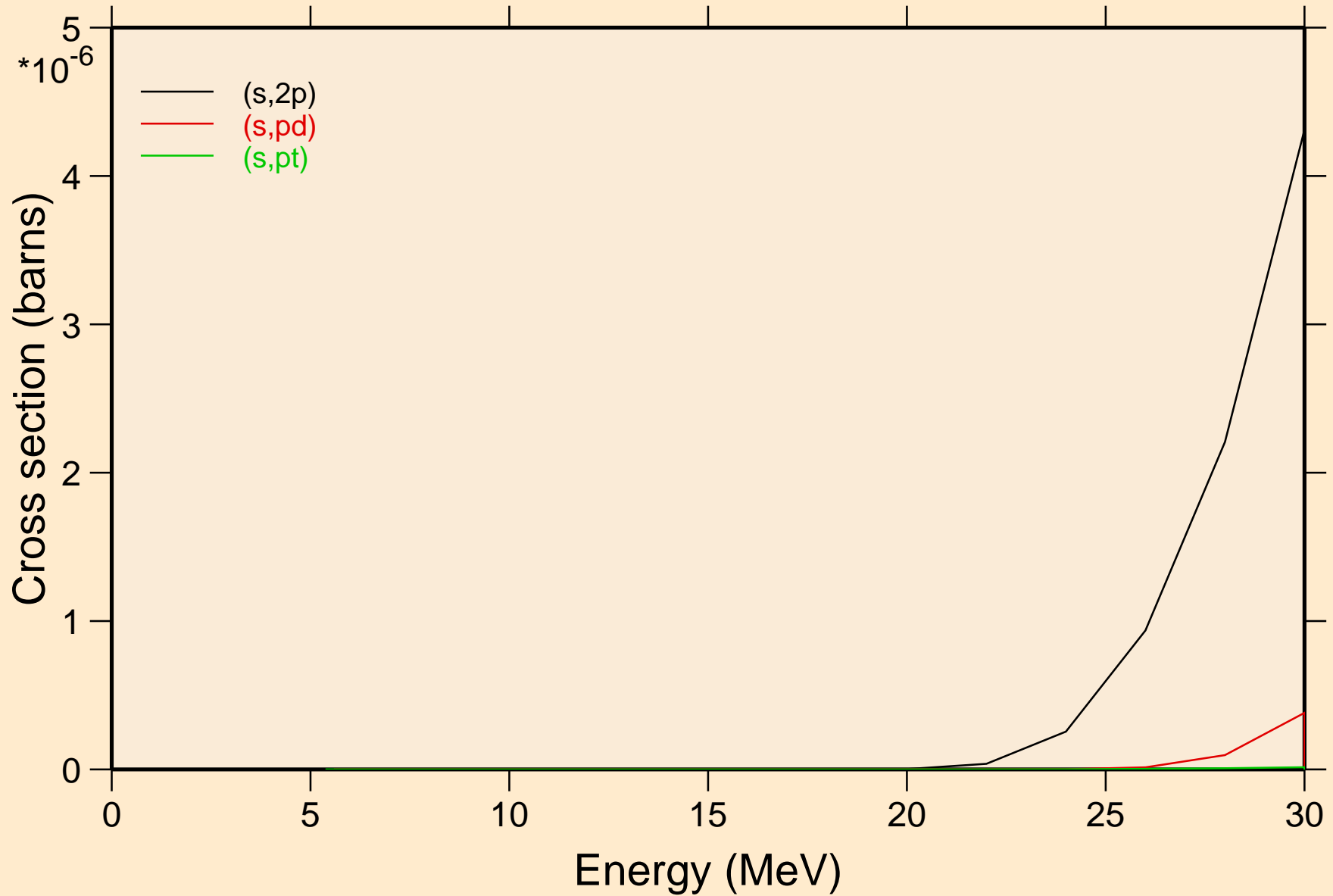


# ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K

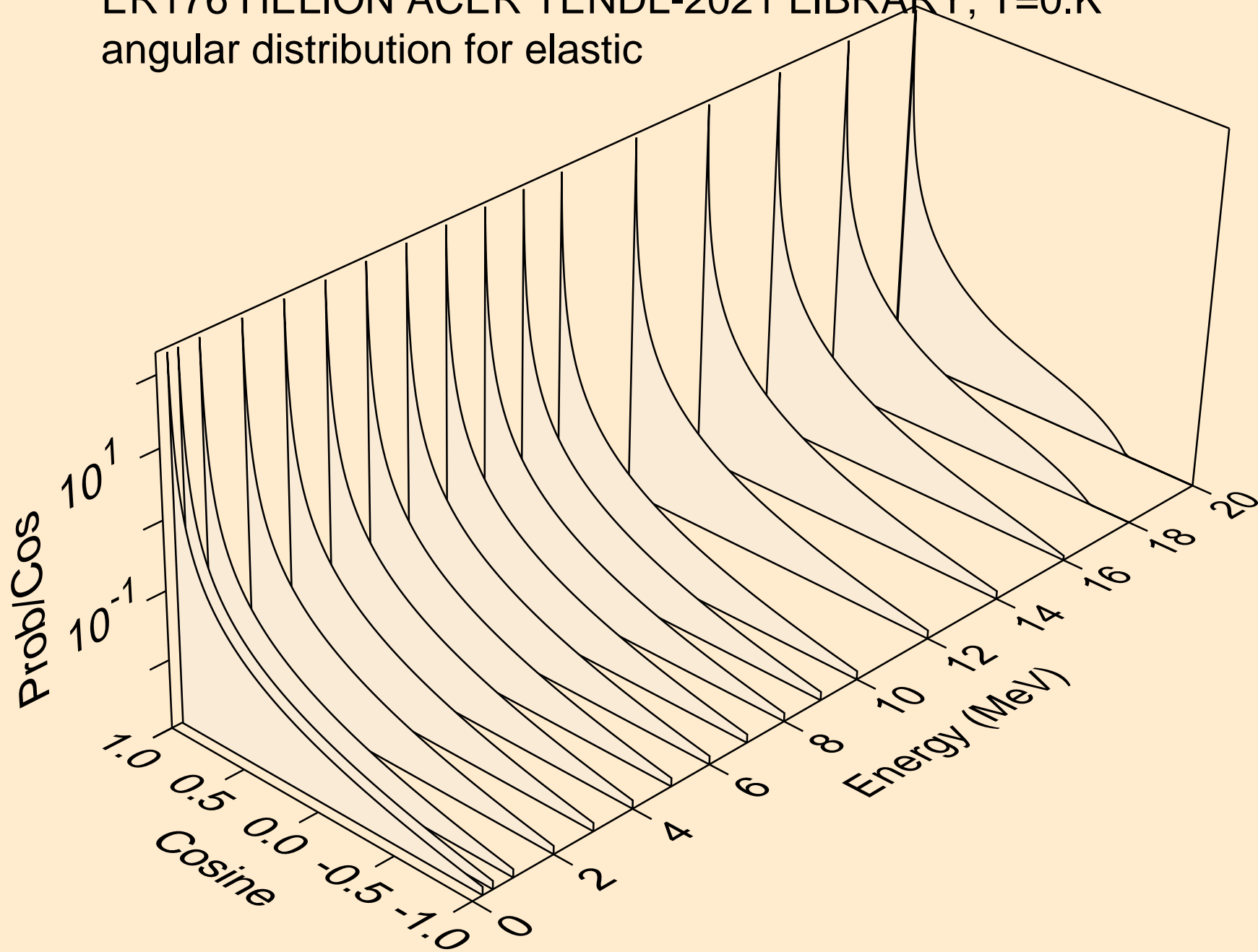
## Threshold reactions



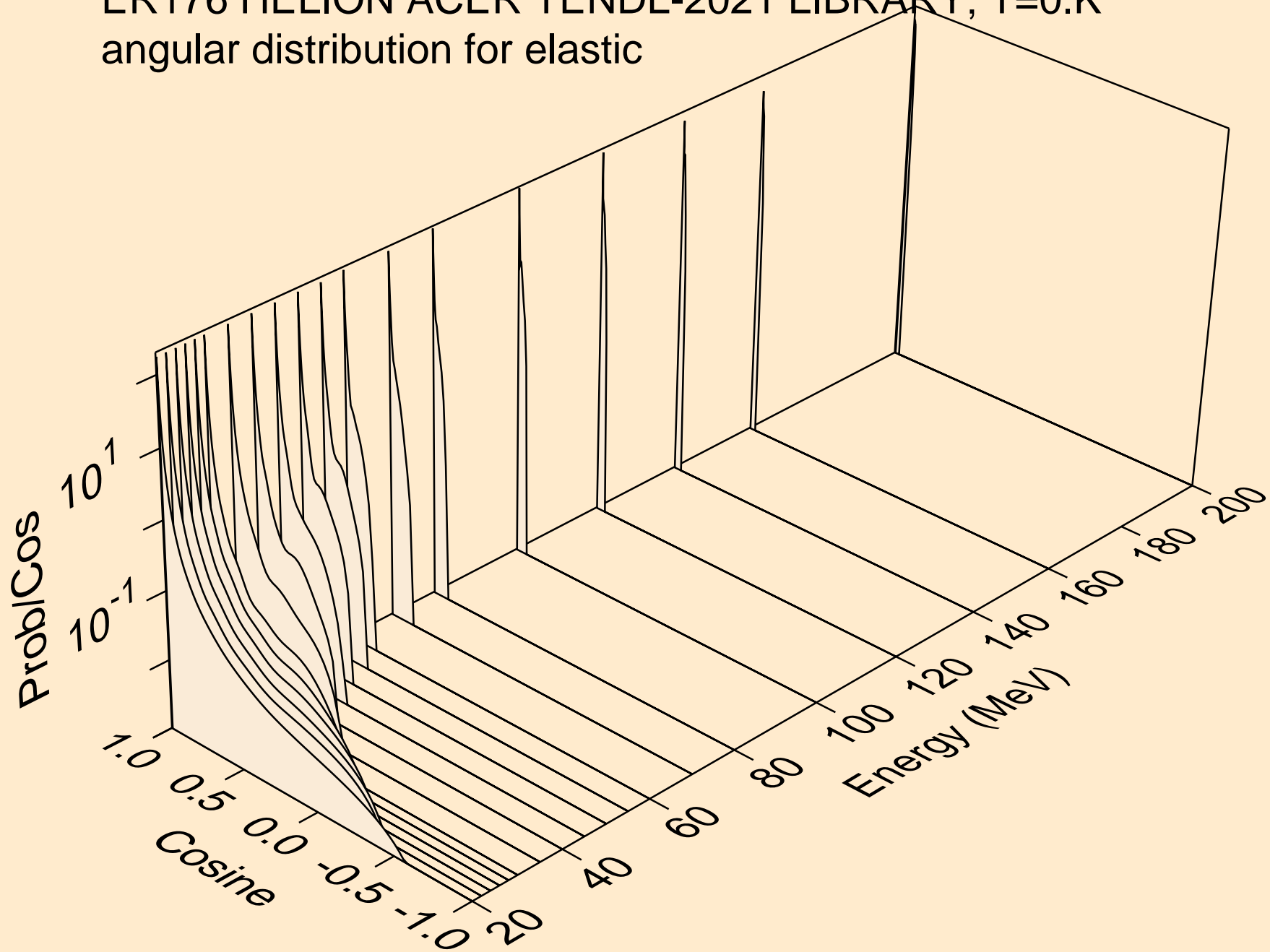
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



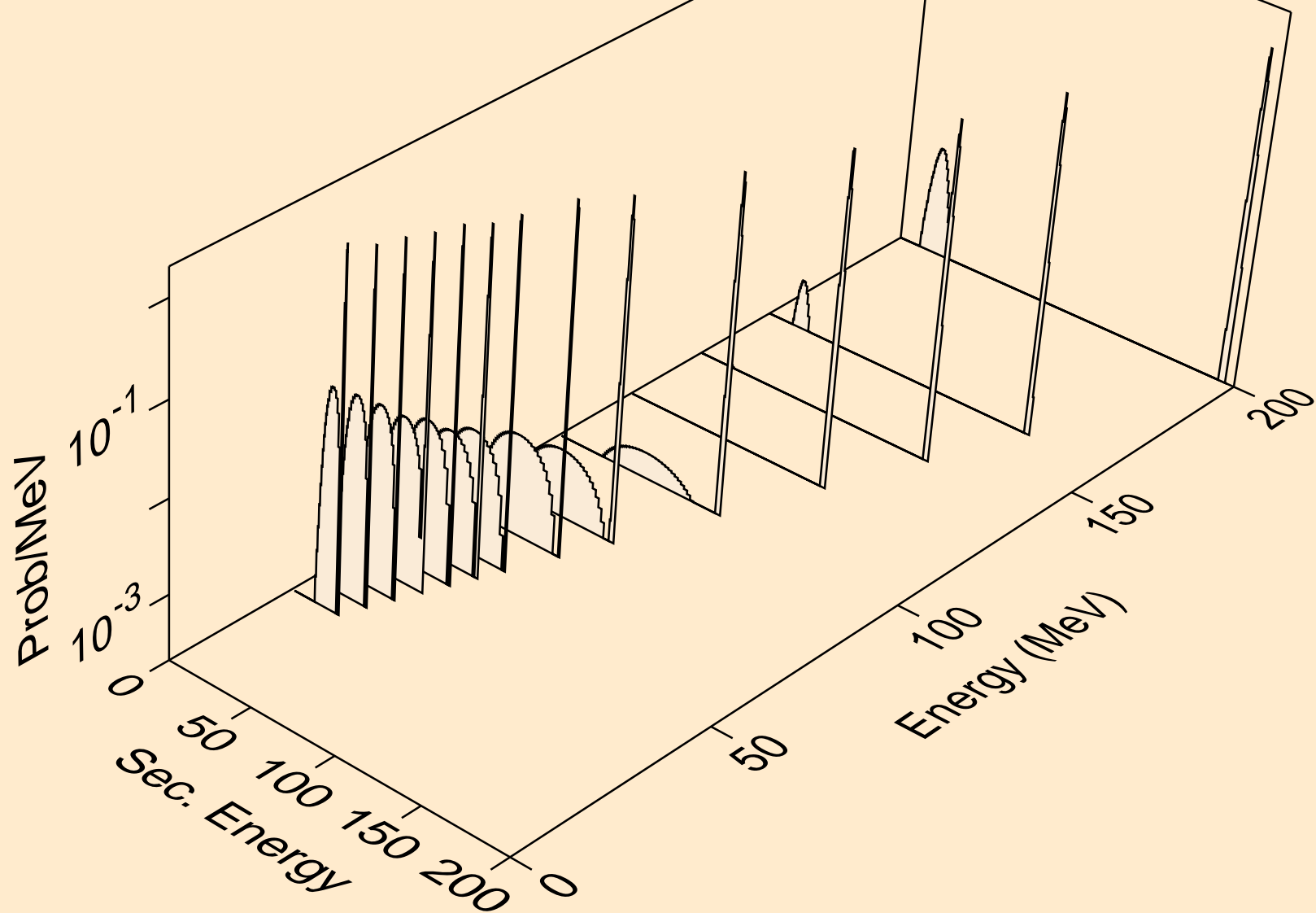
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



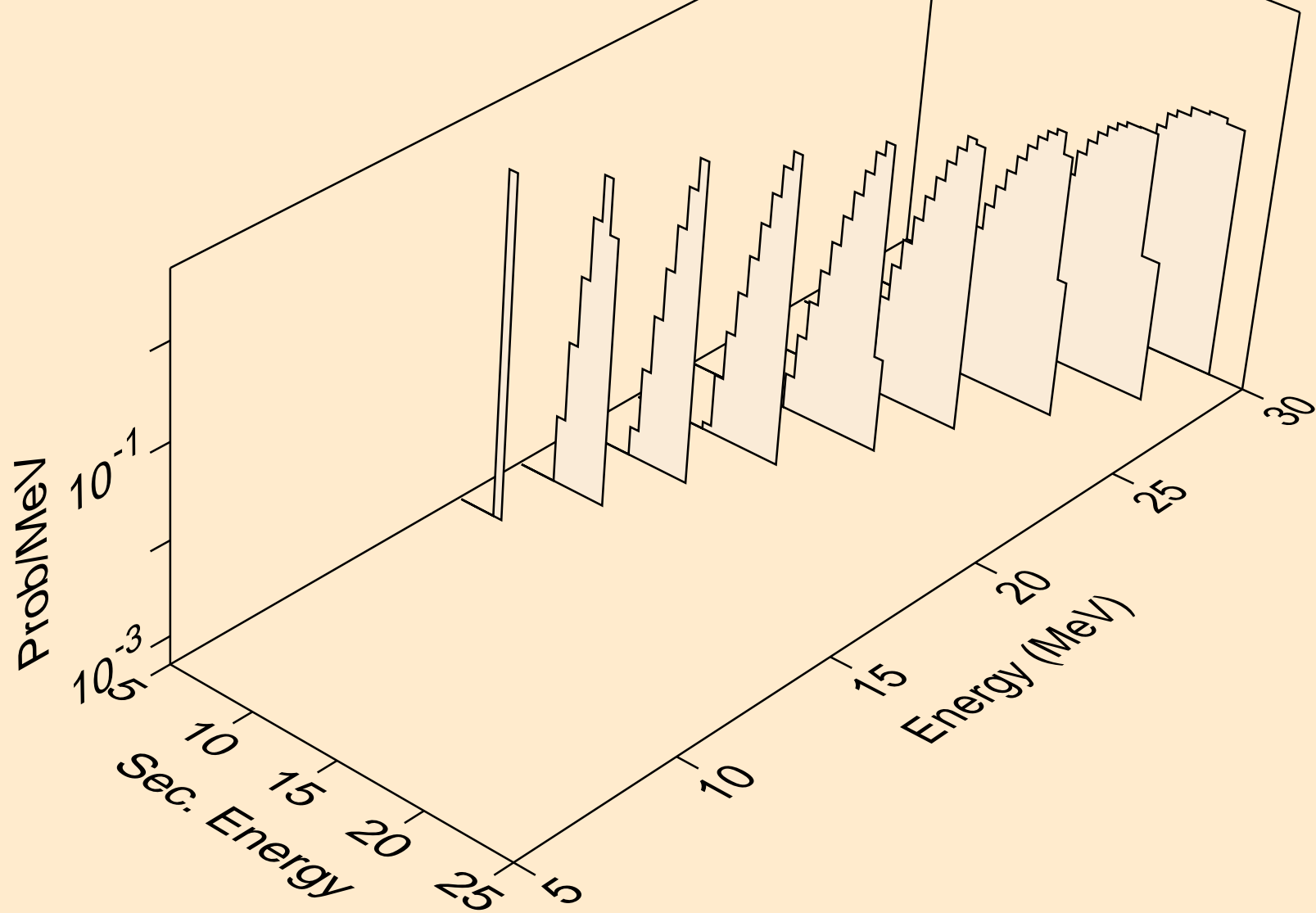
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



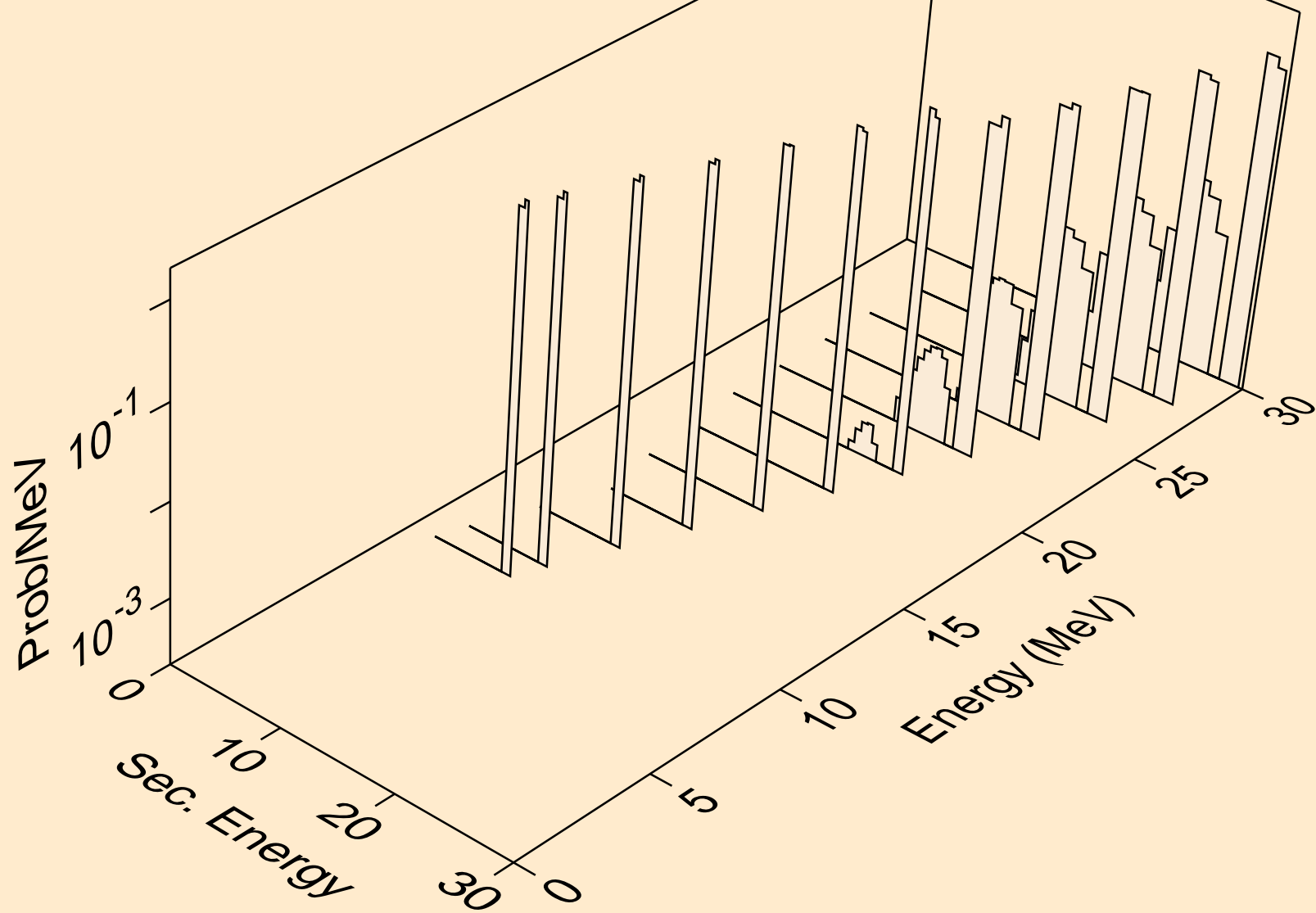
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

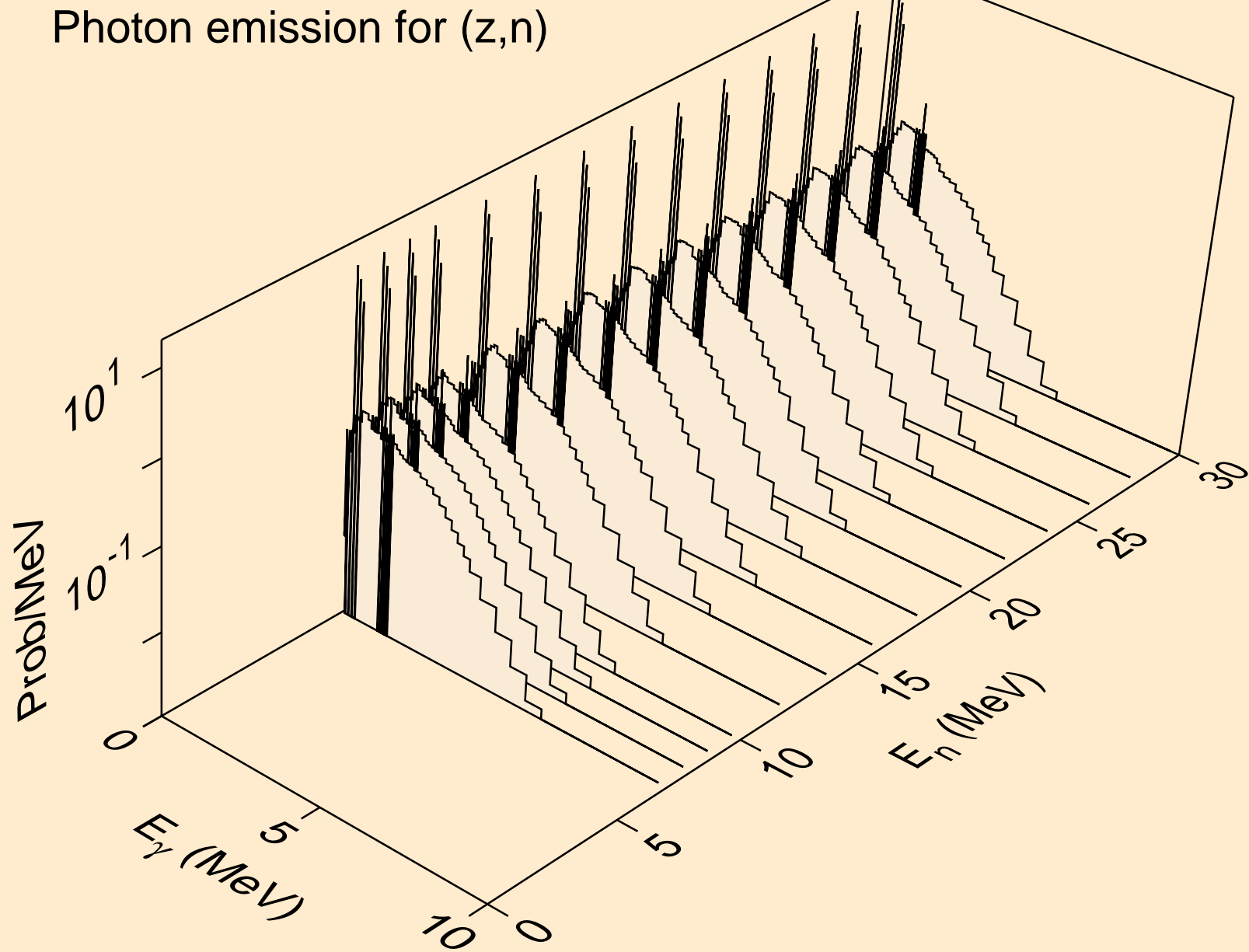


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

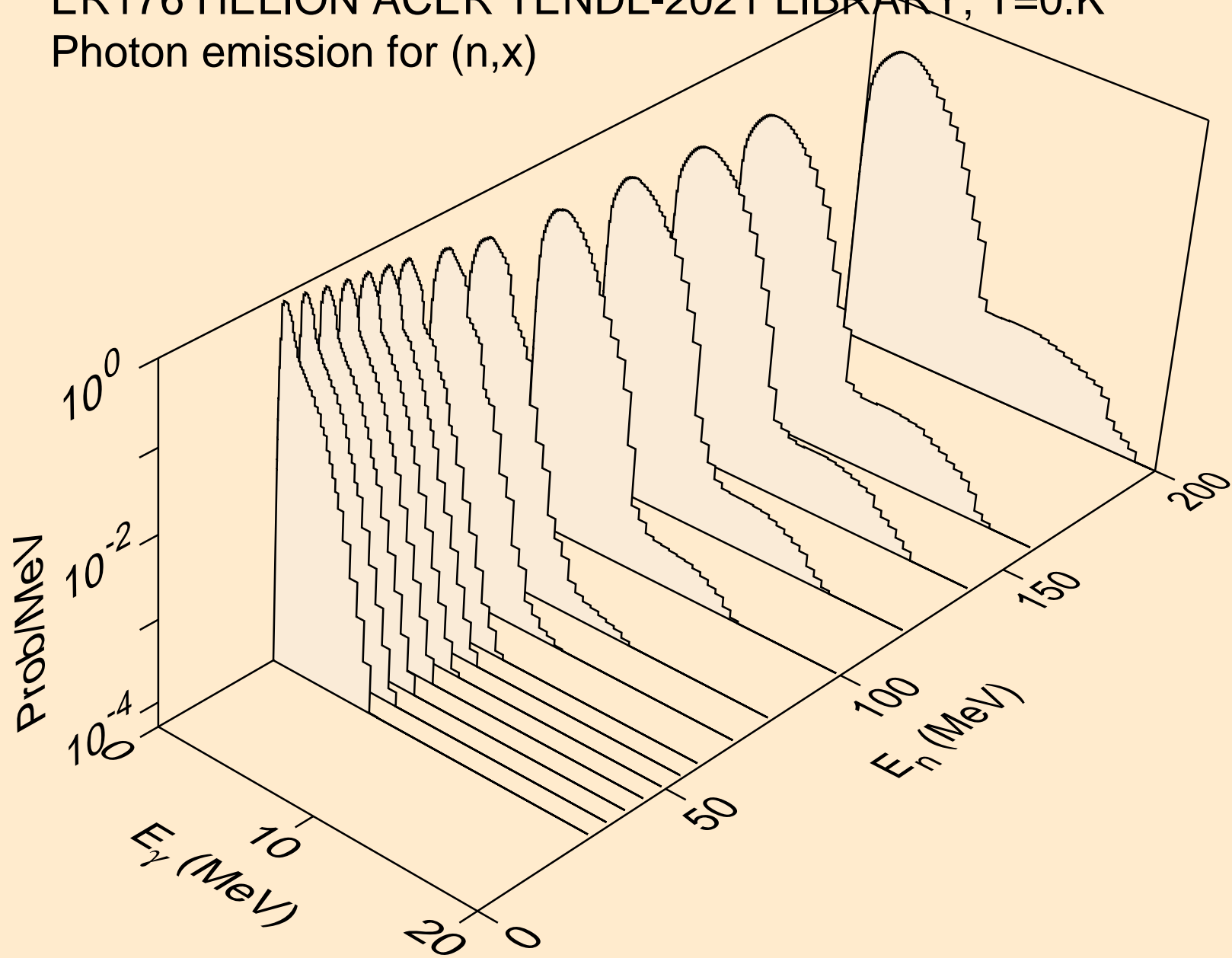




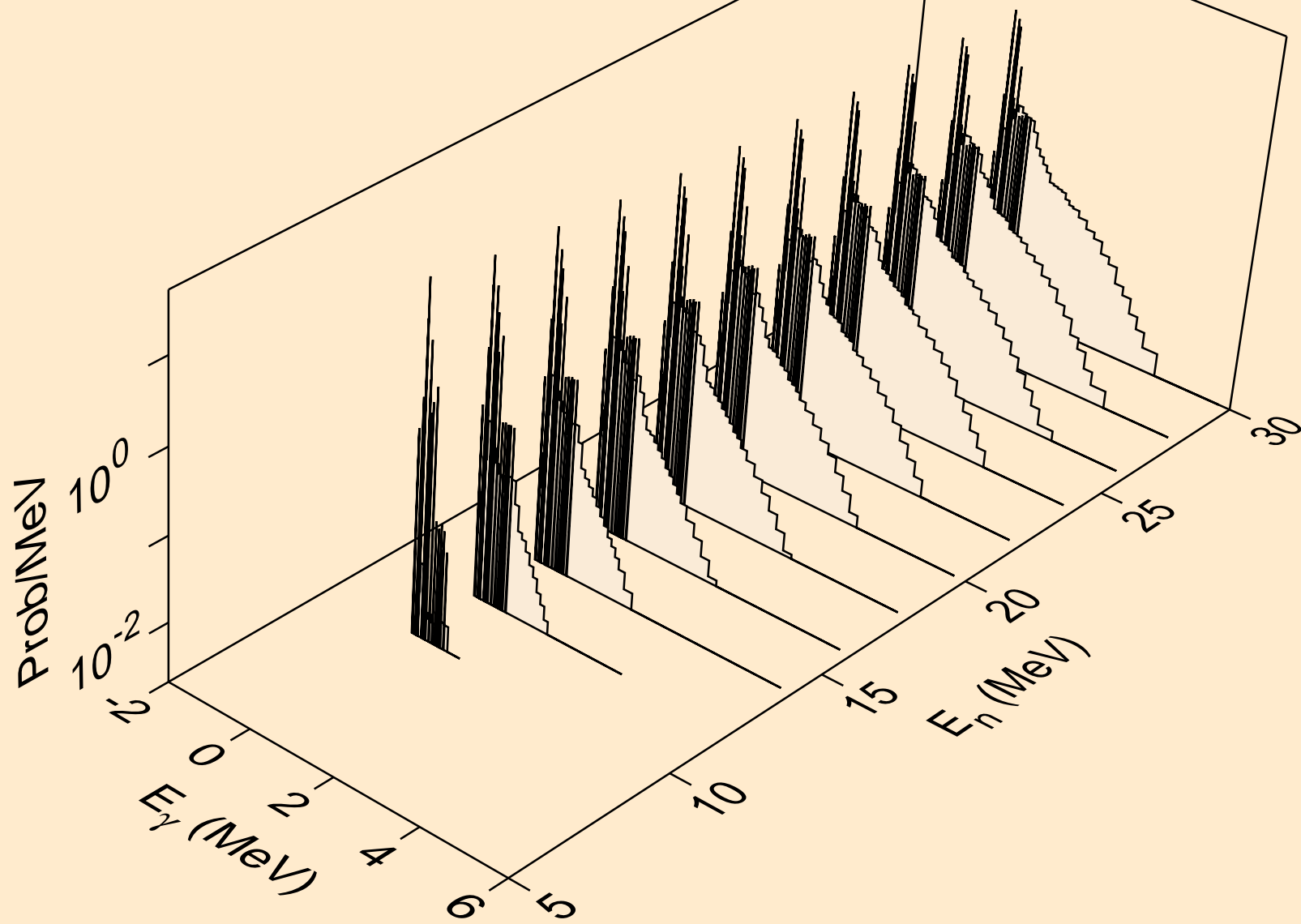
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



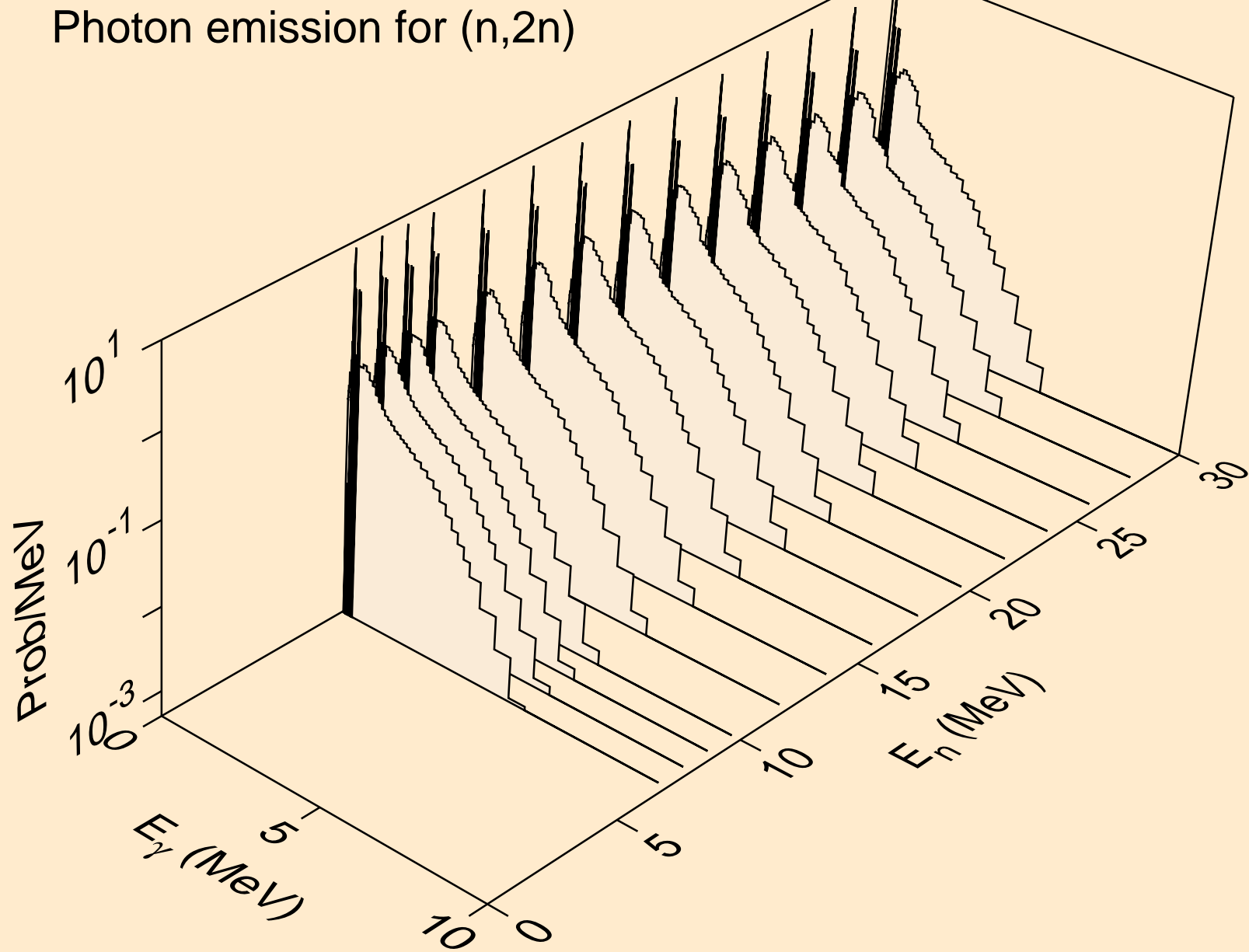
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



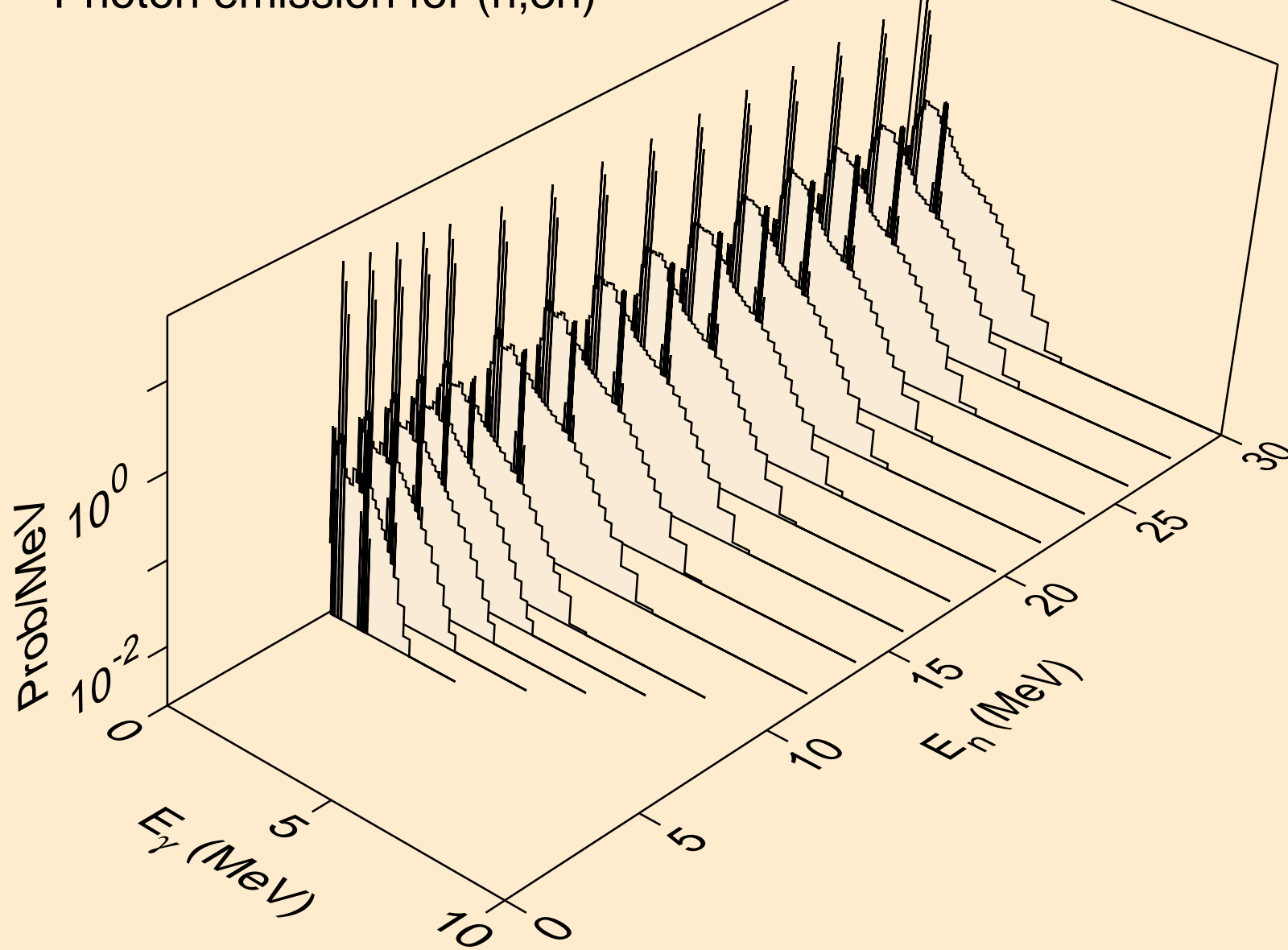
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



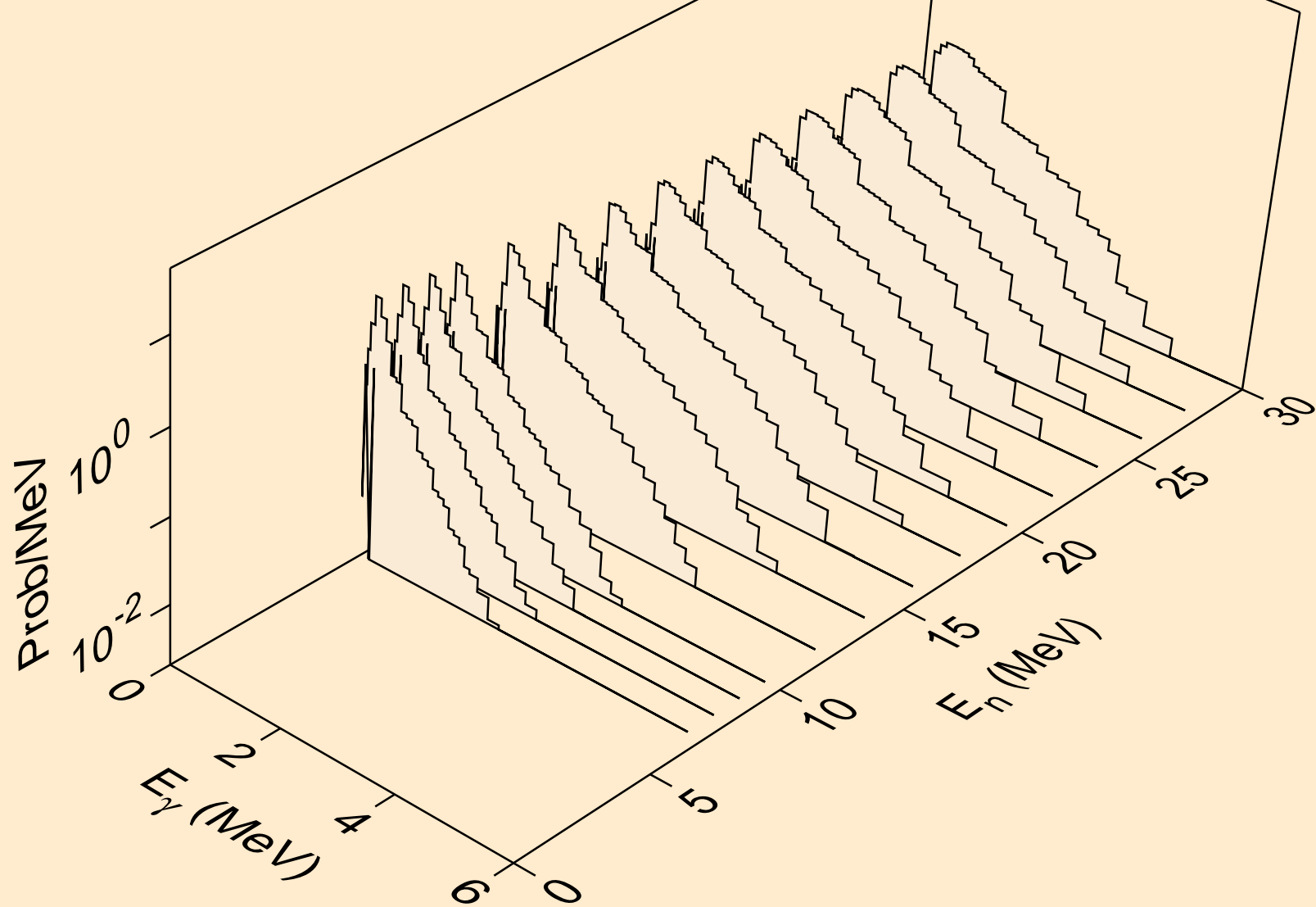
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



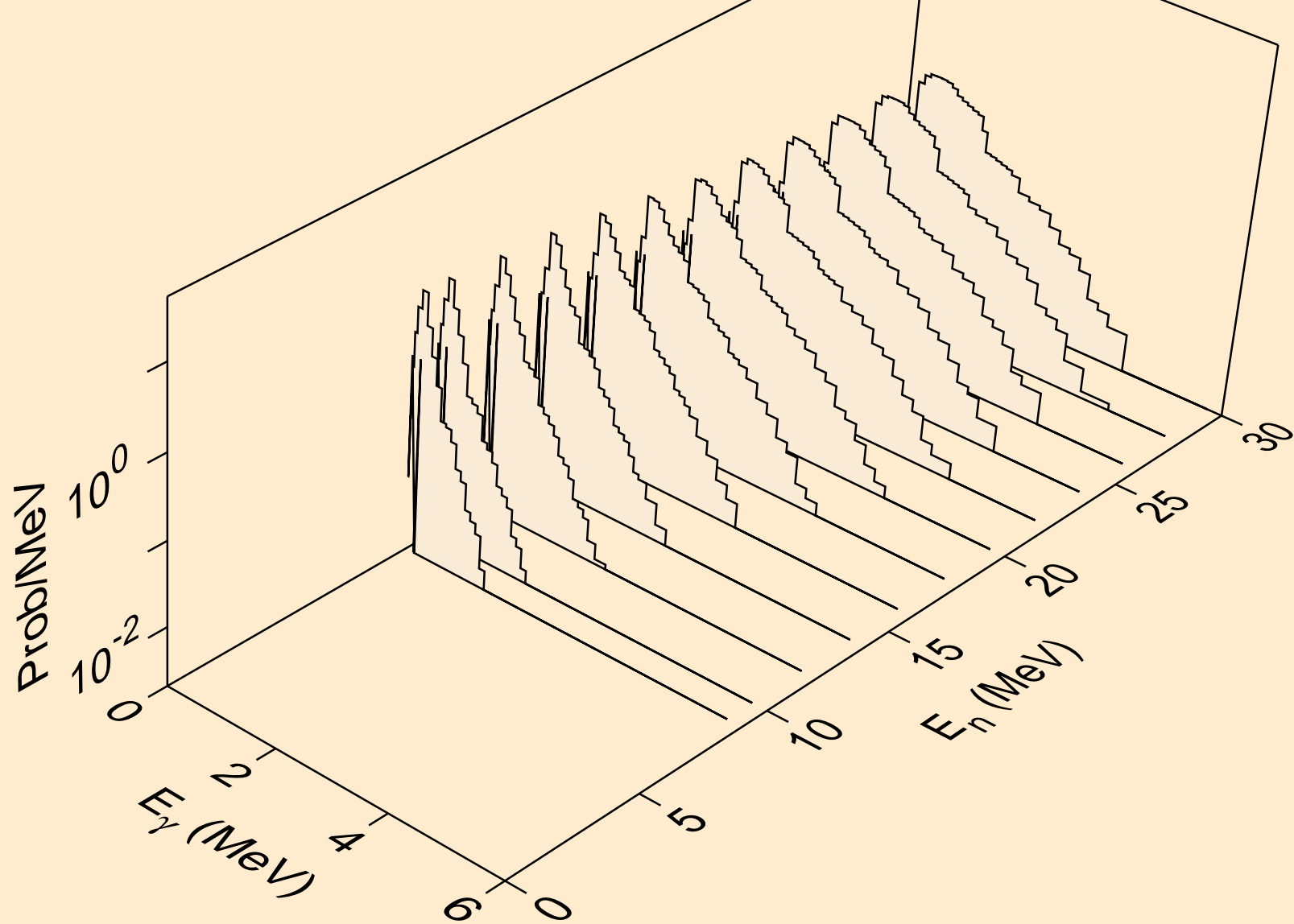
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



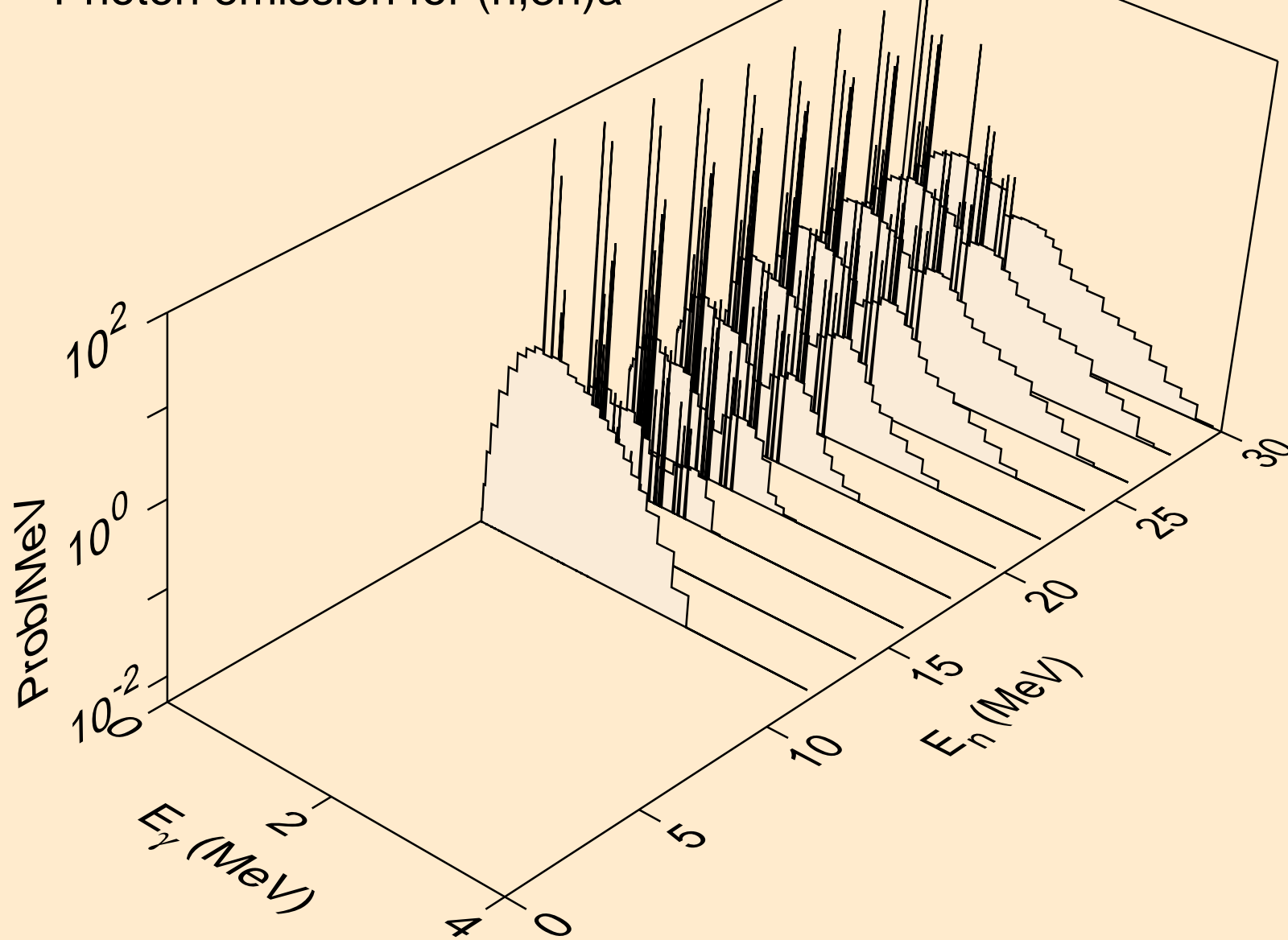
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

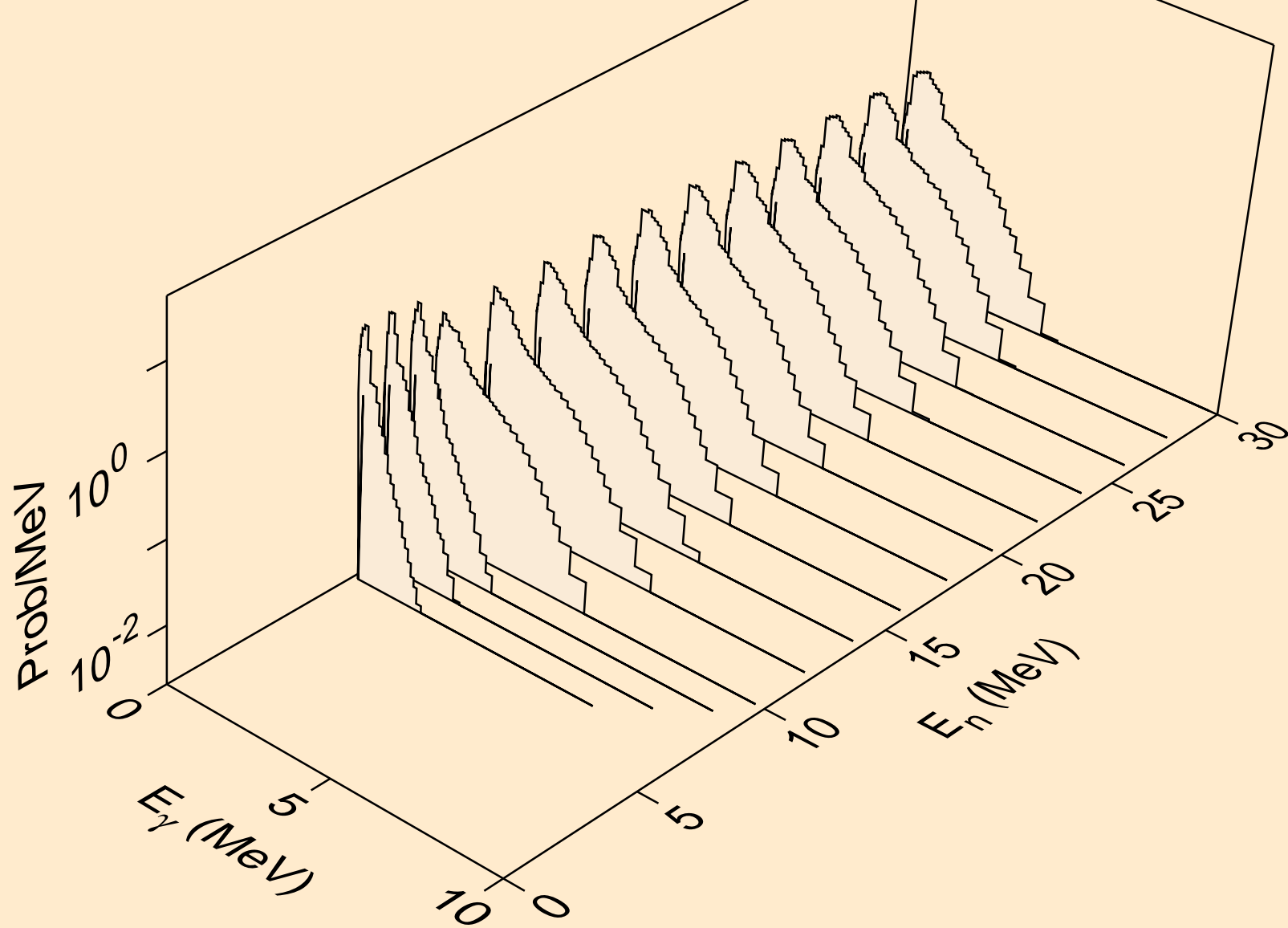


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a

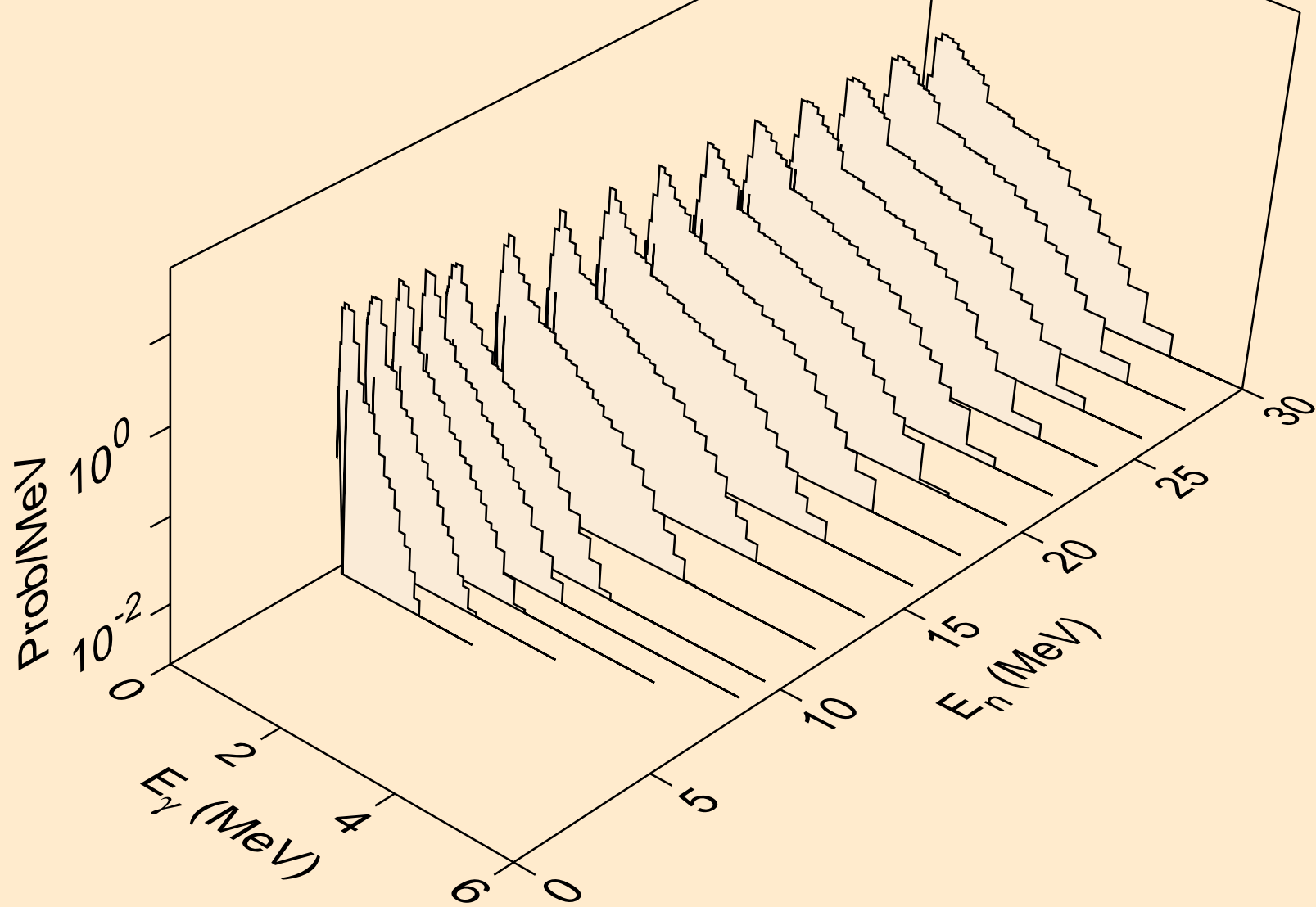




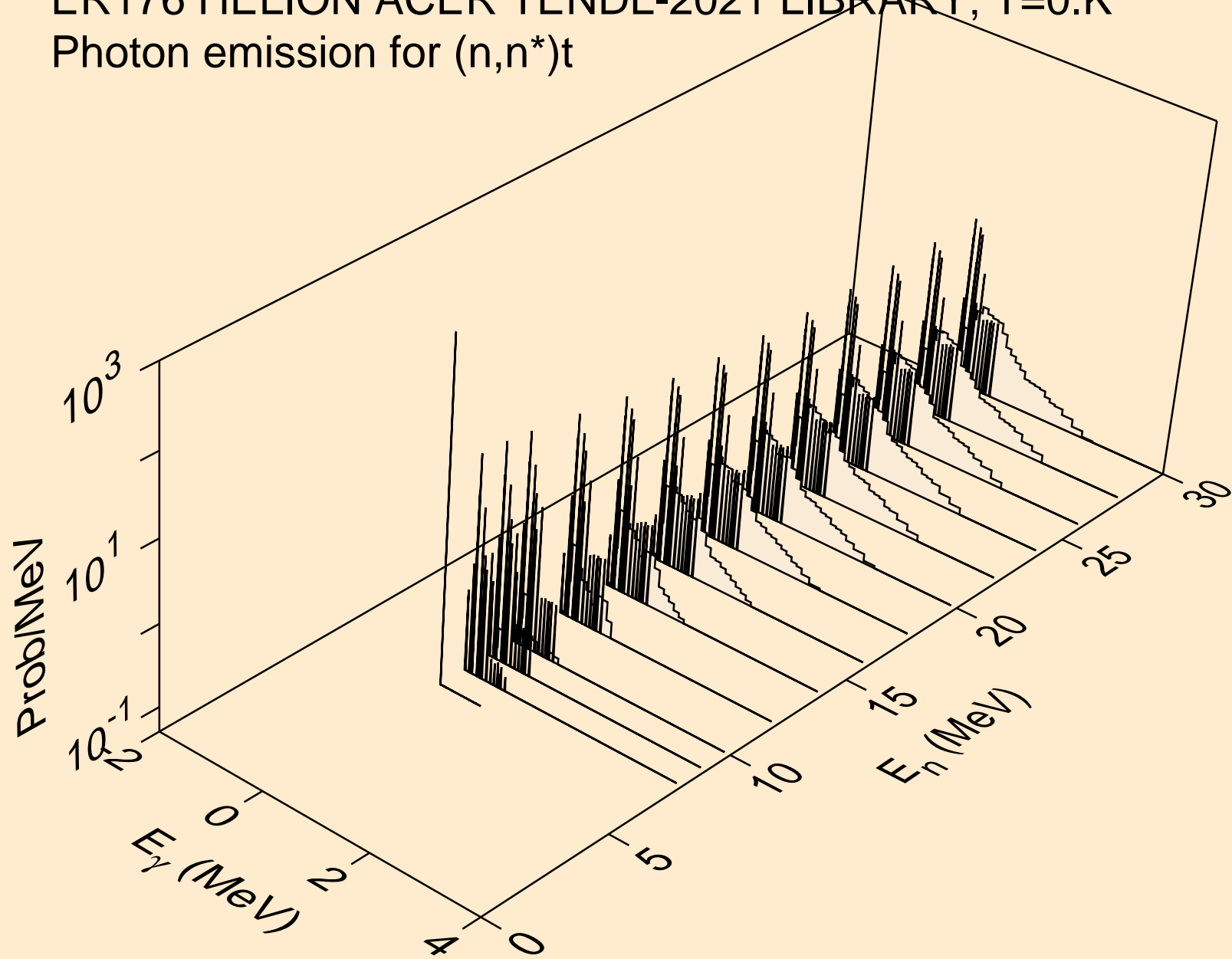
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



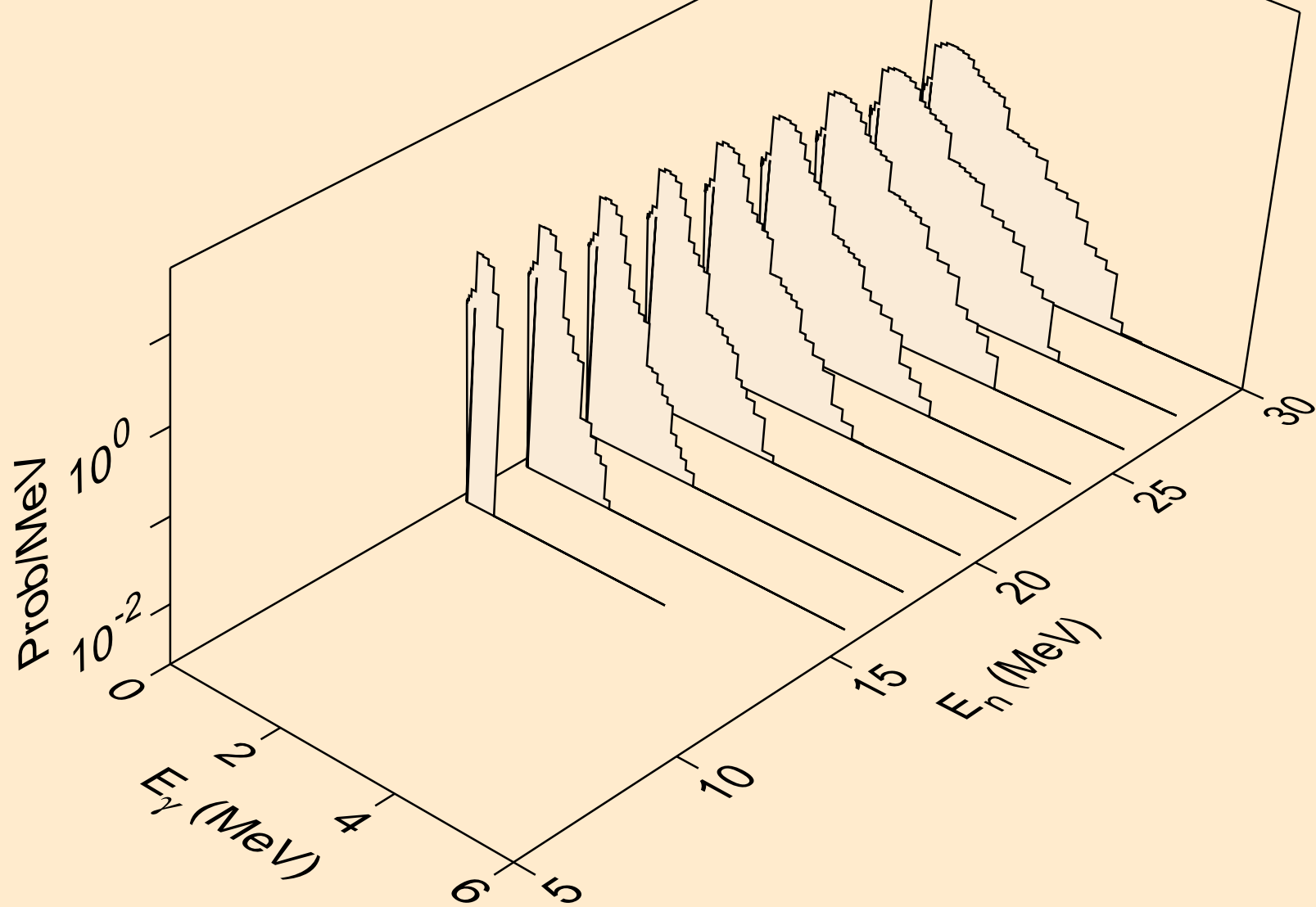
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



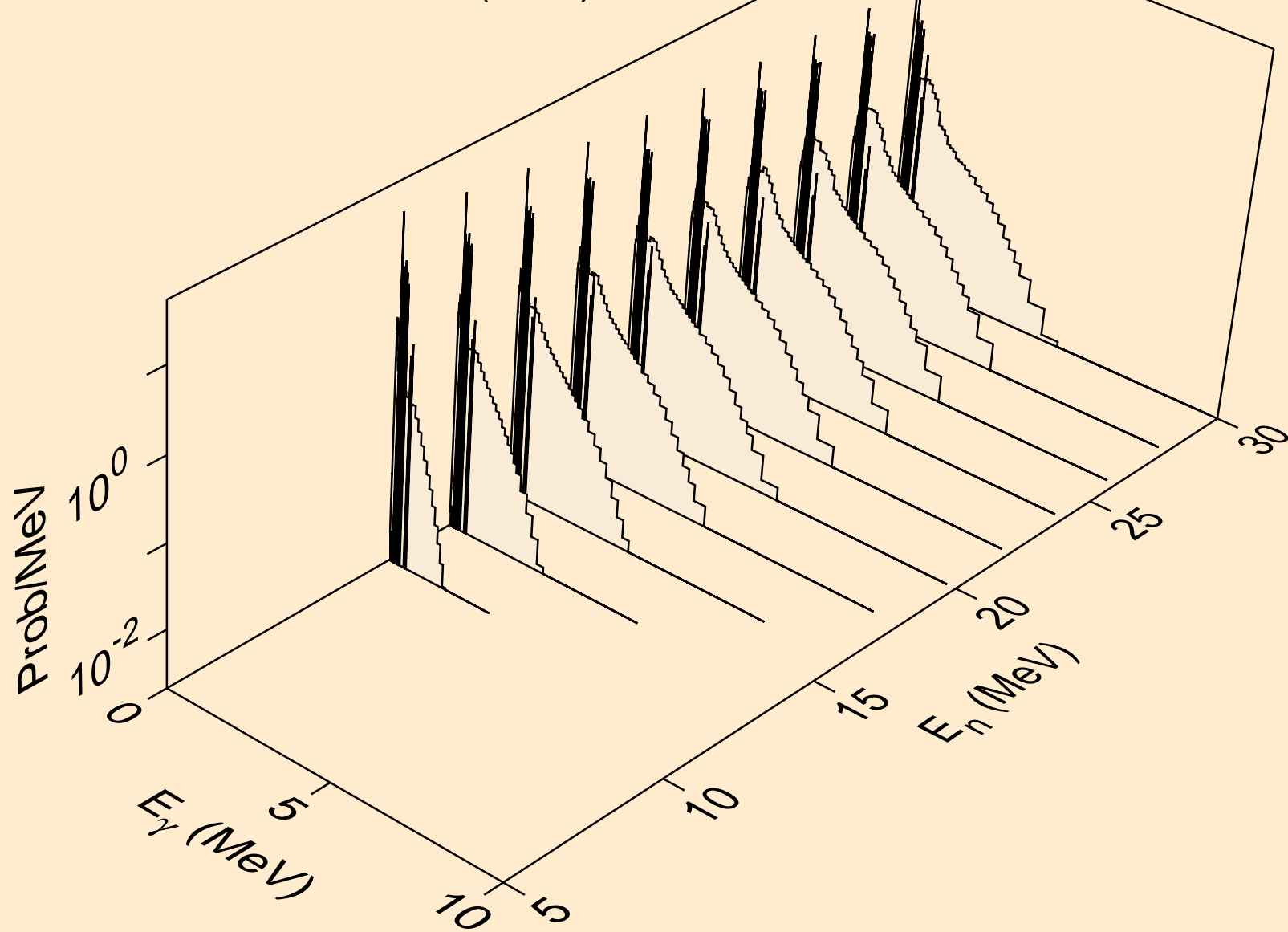
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



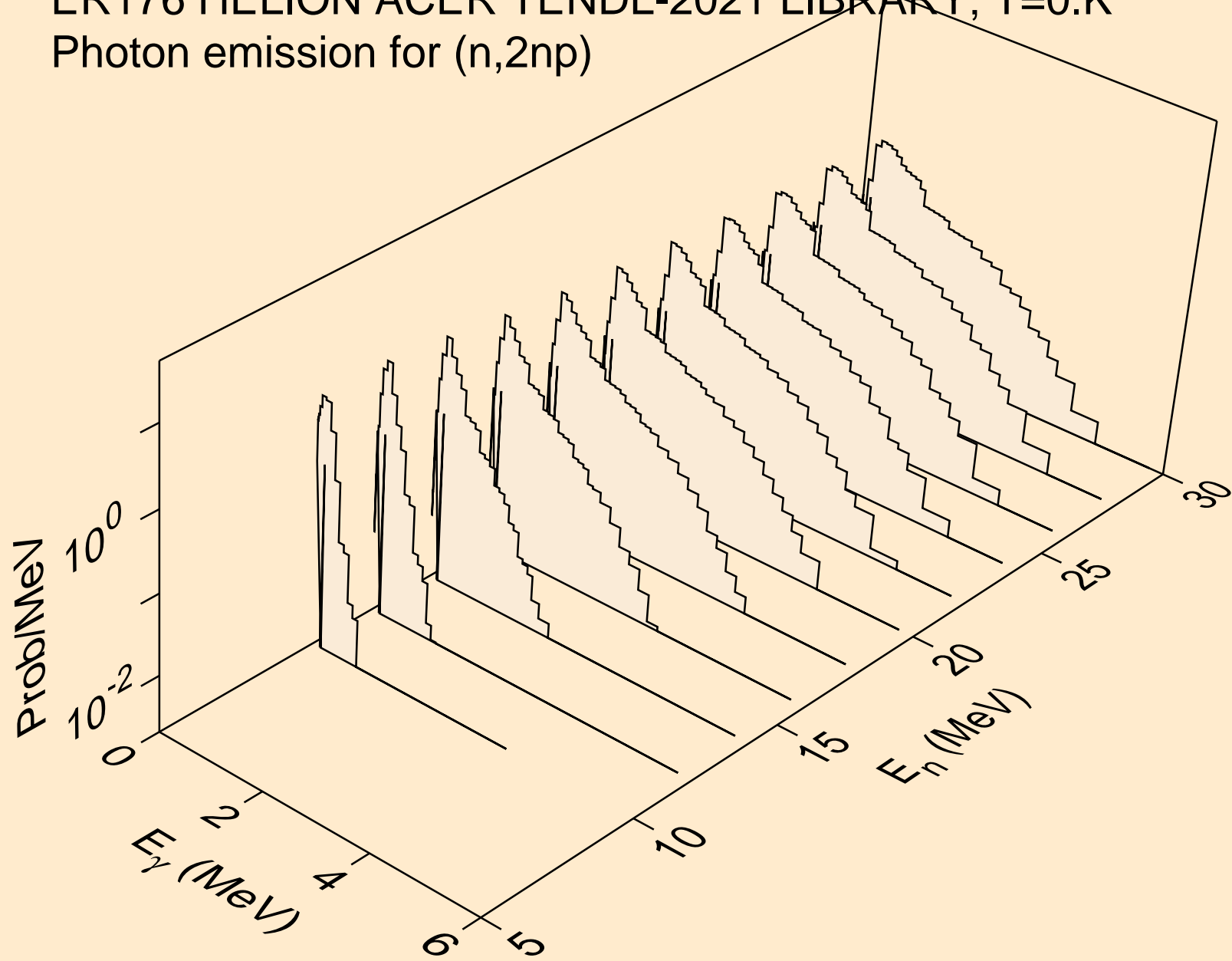
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



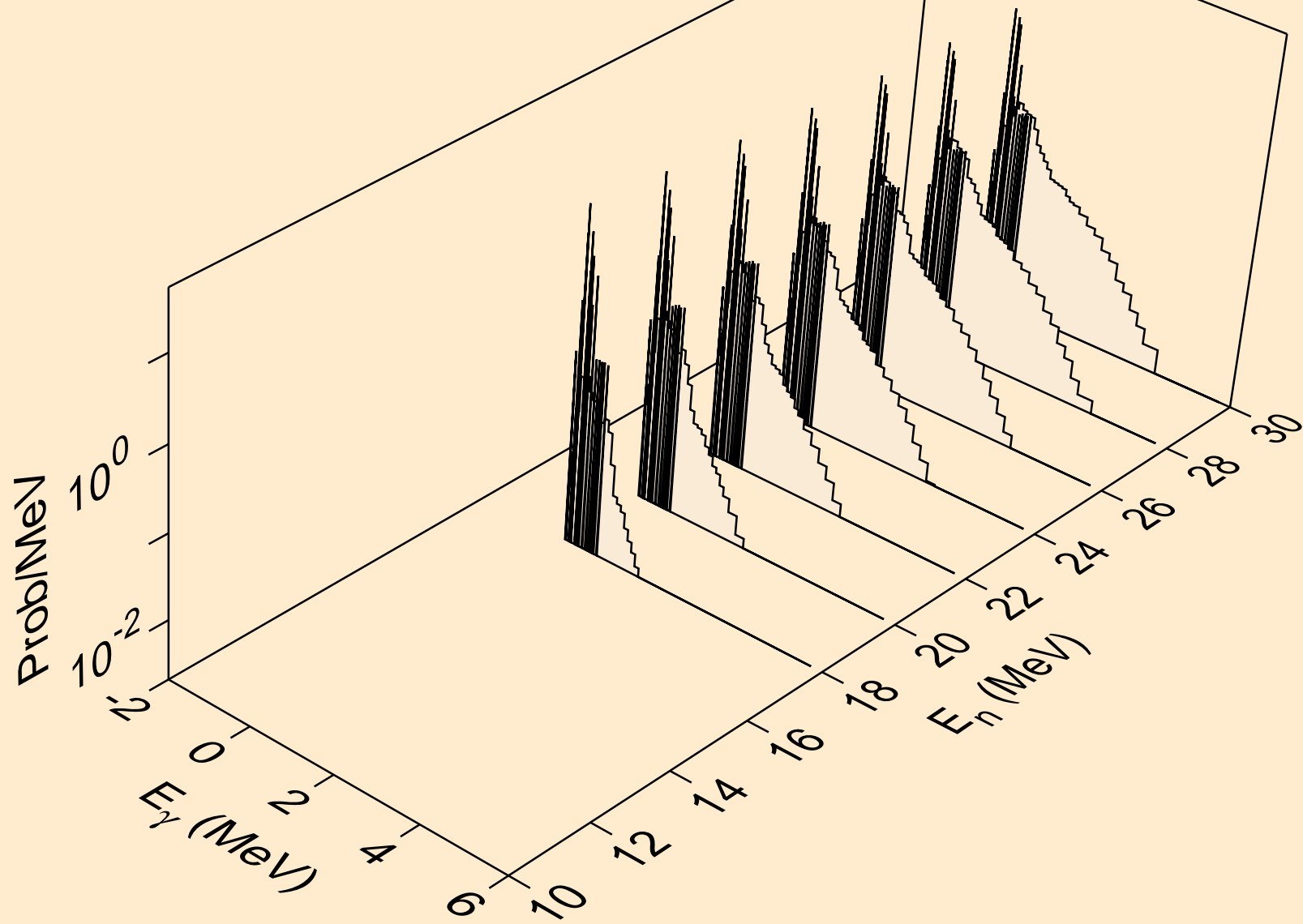
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



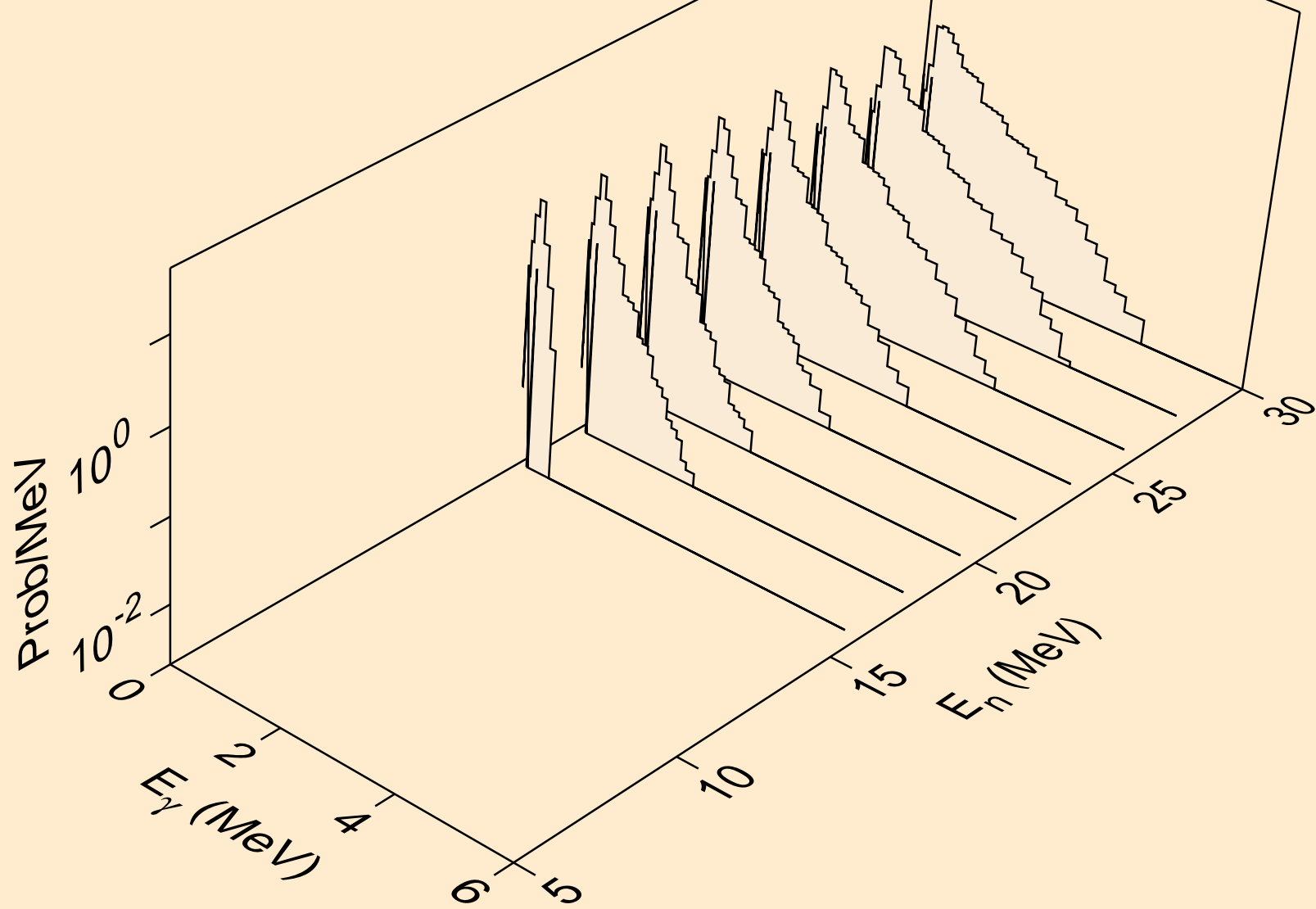
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

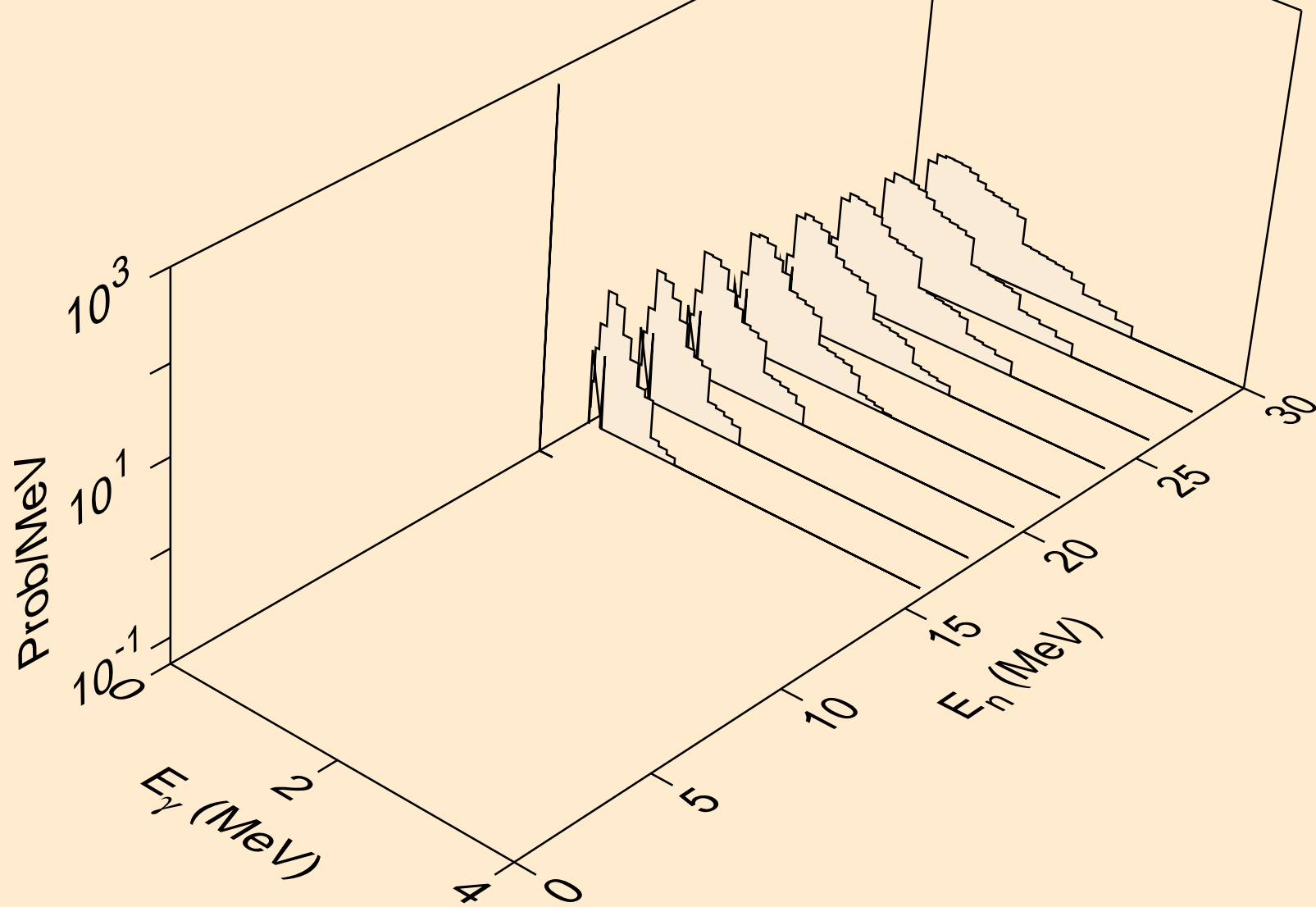


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

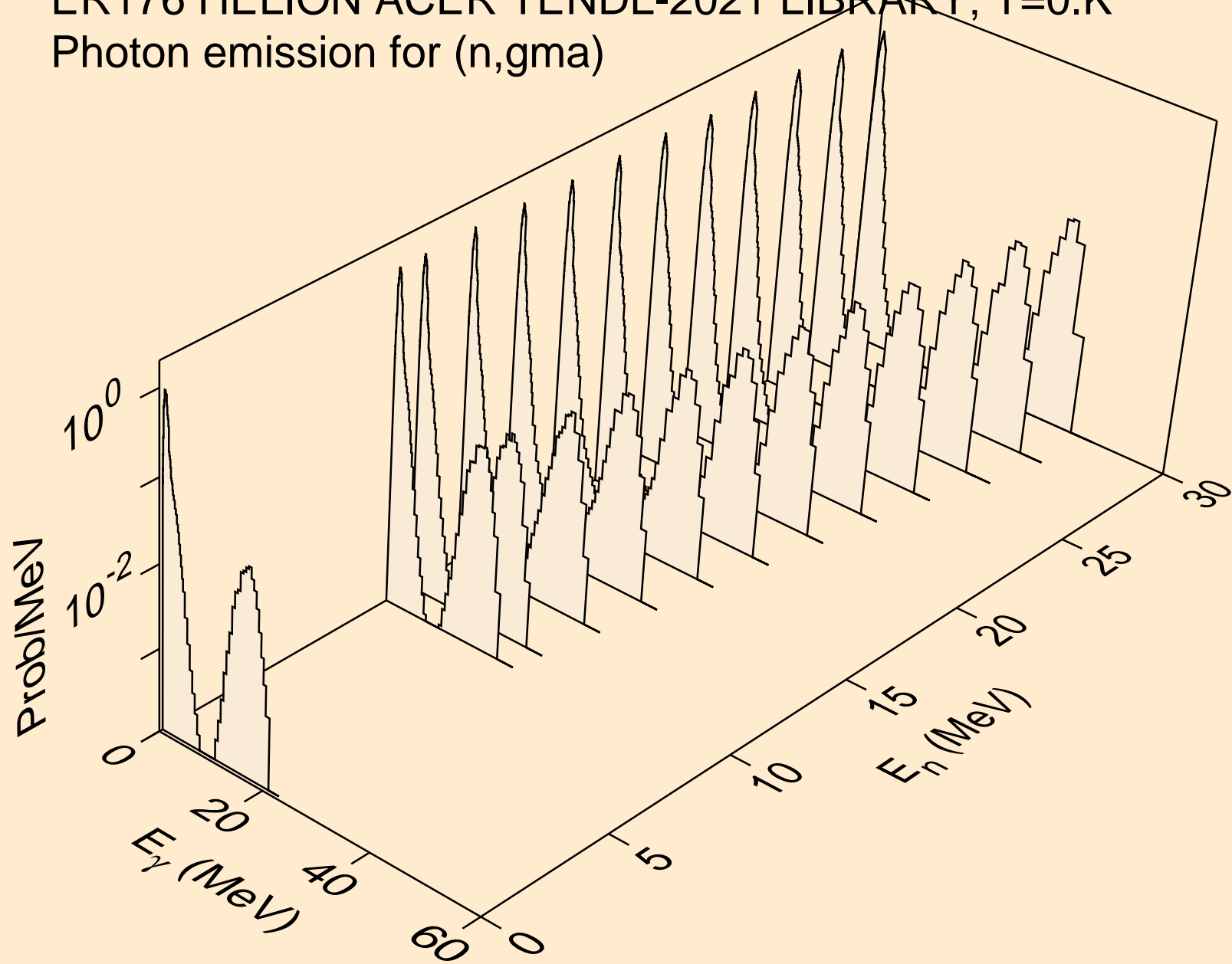




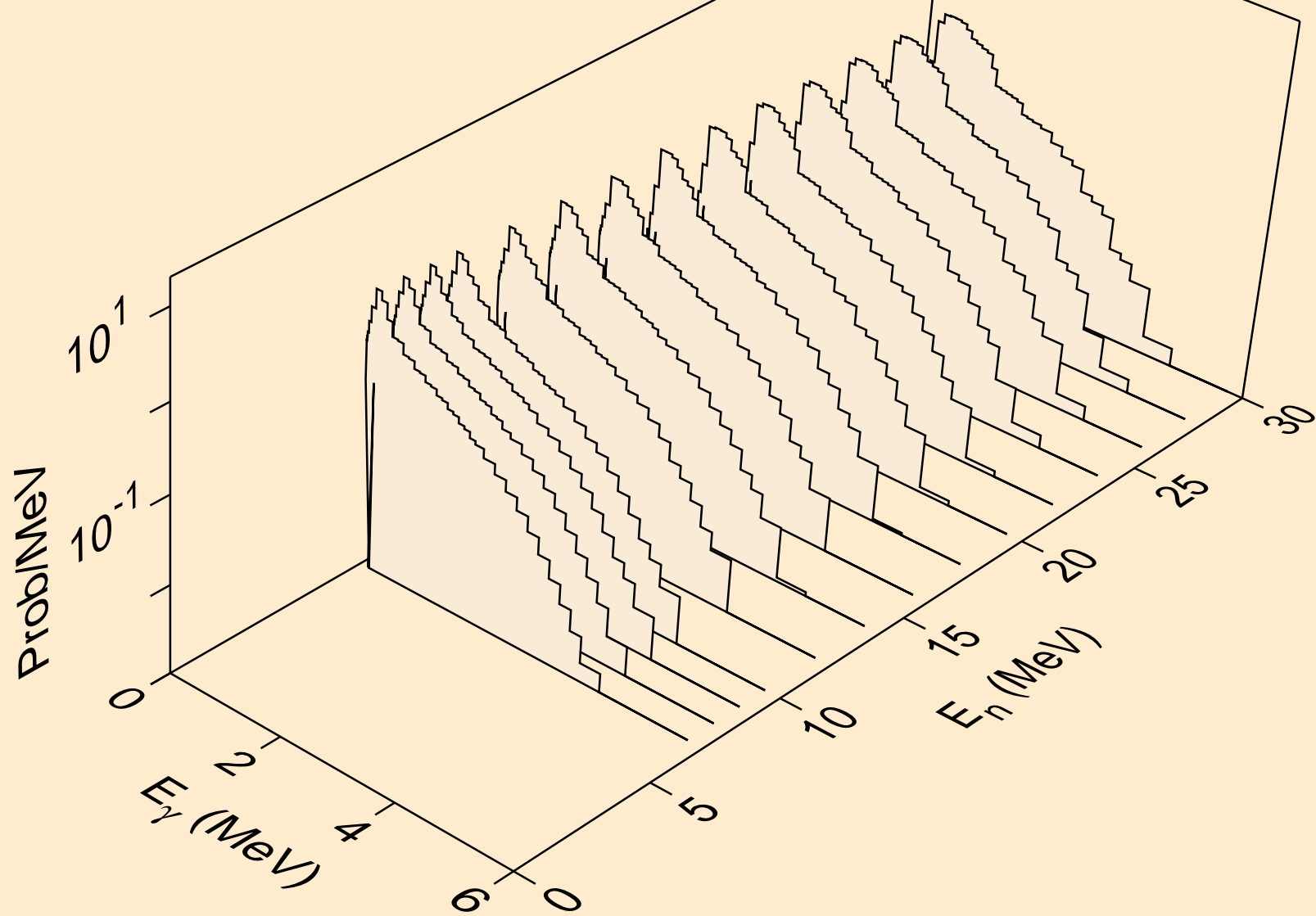
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



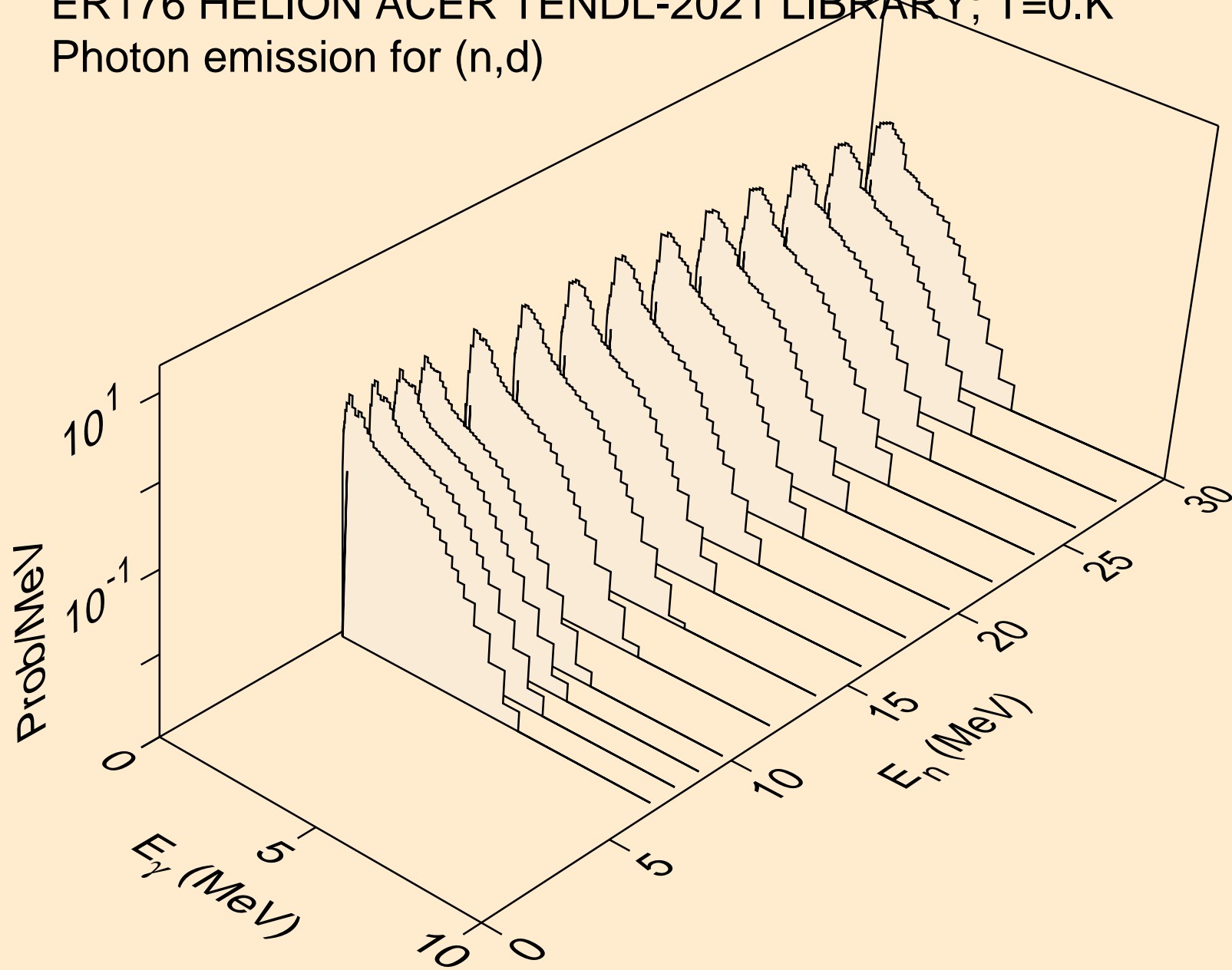
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



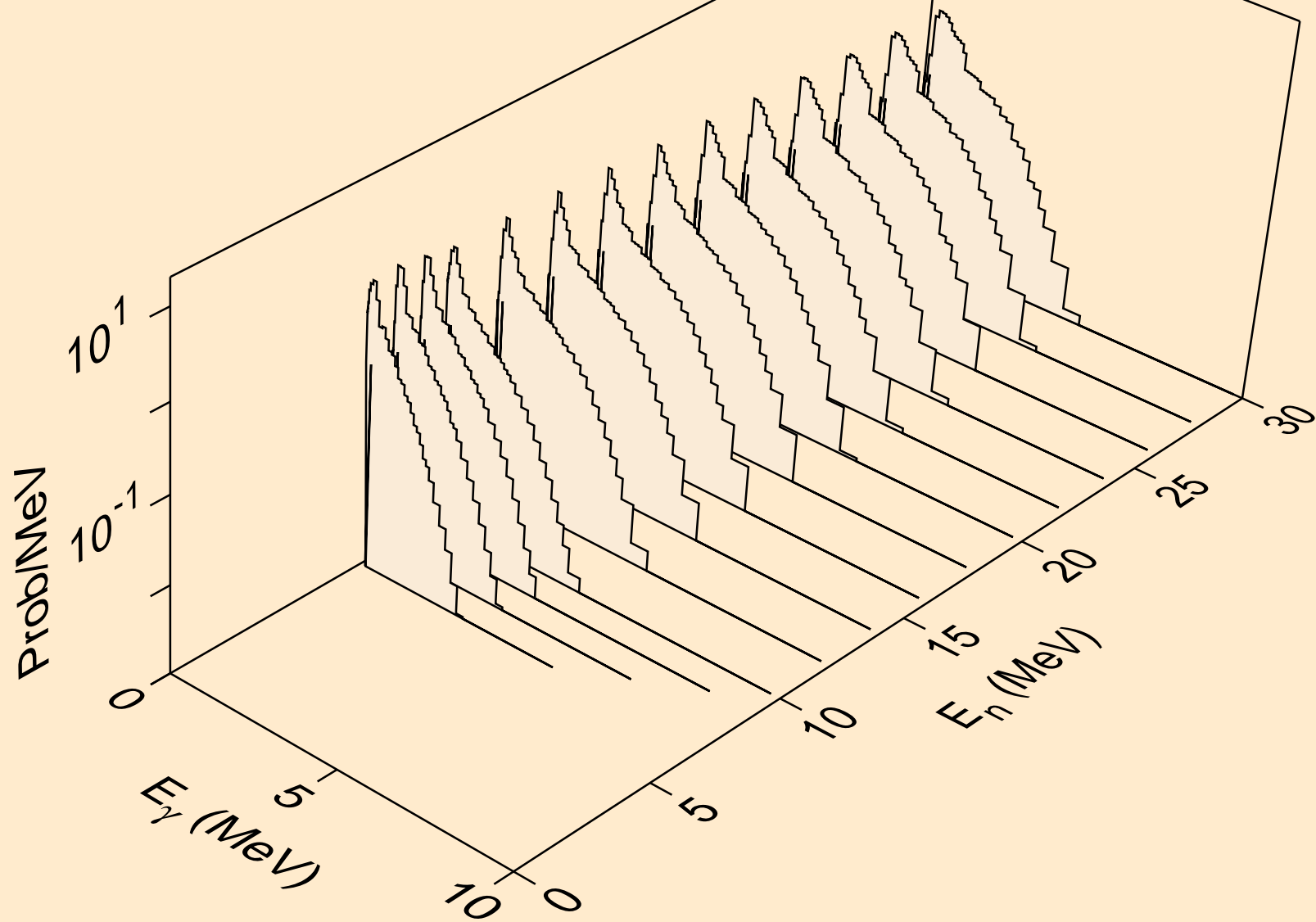
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



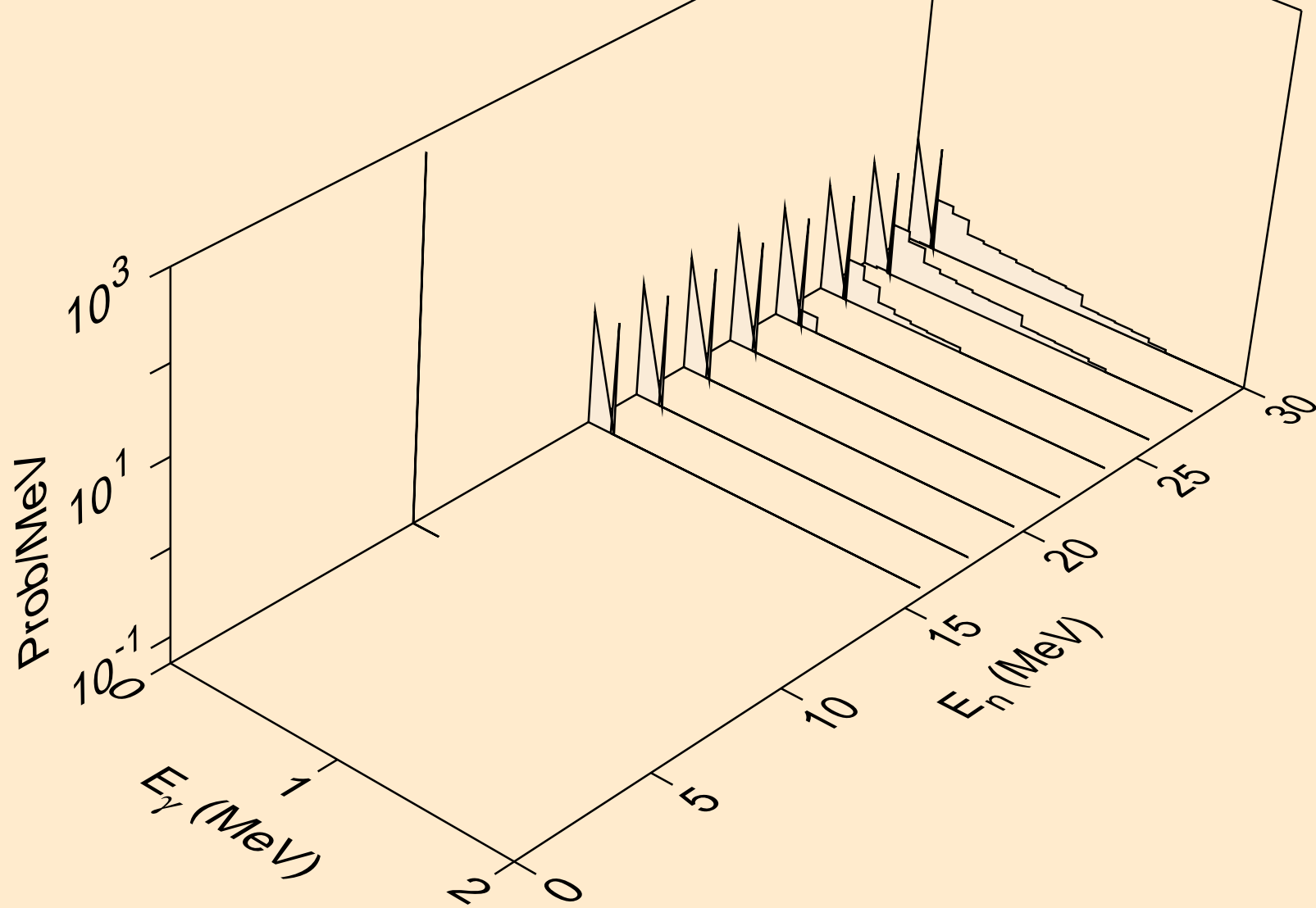
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



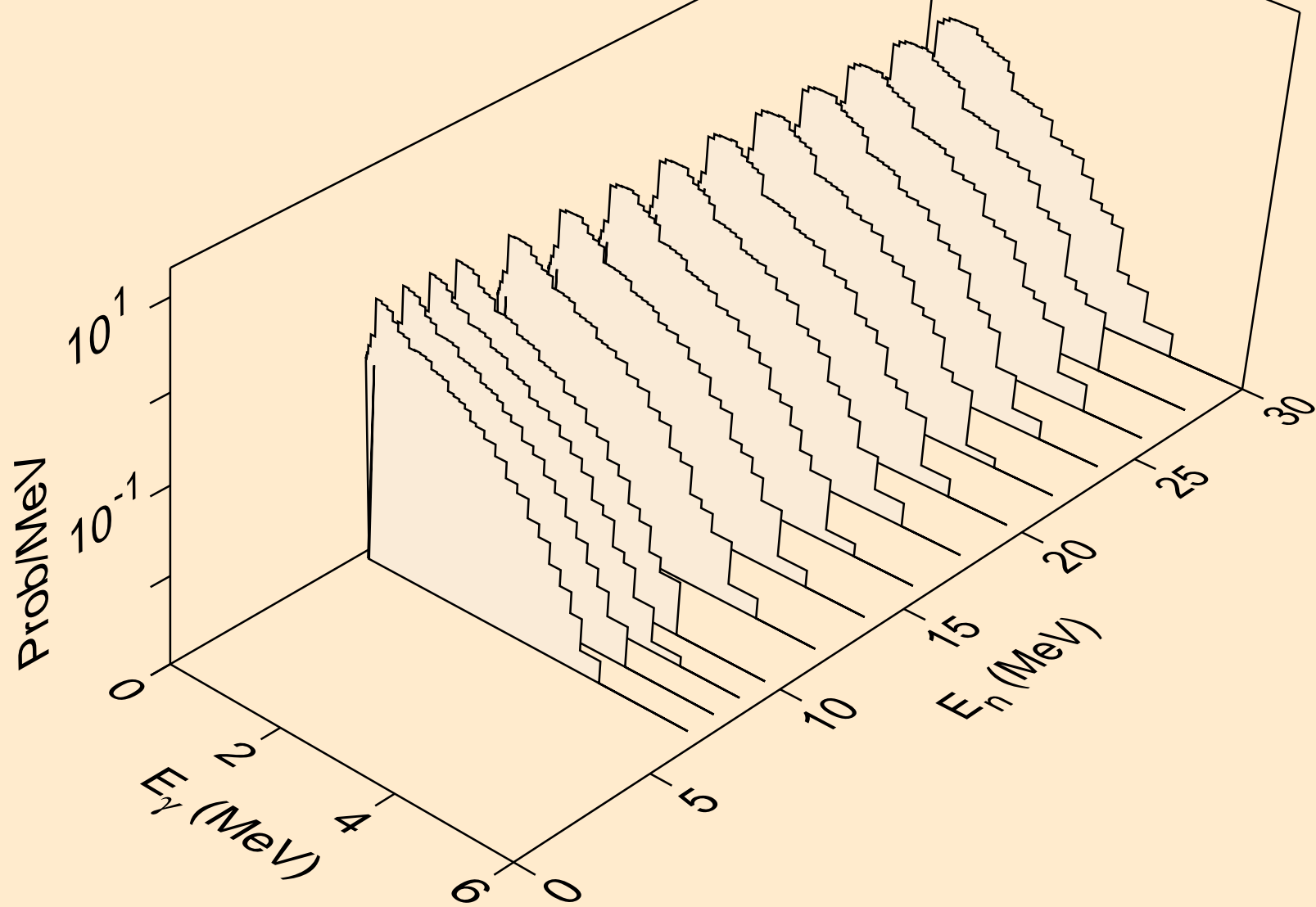
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



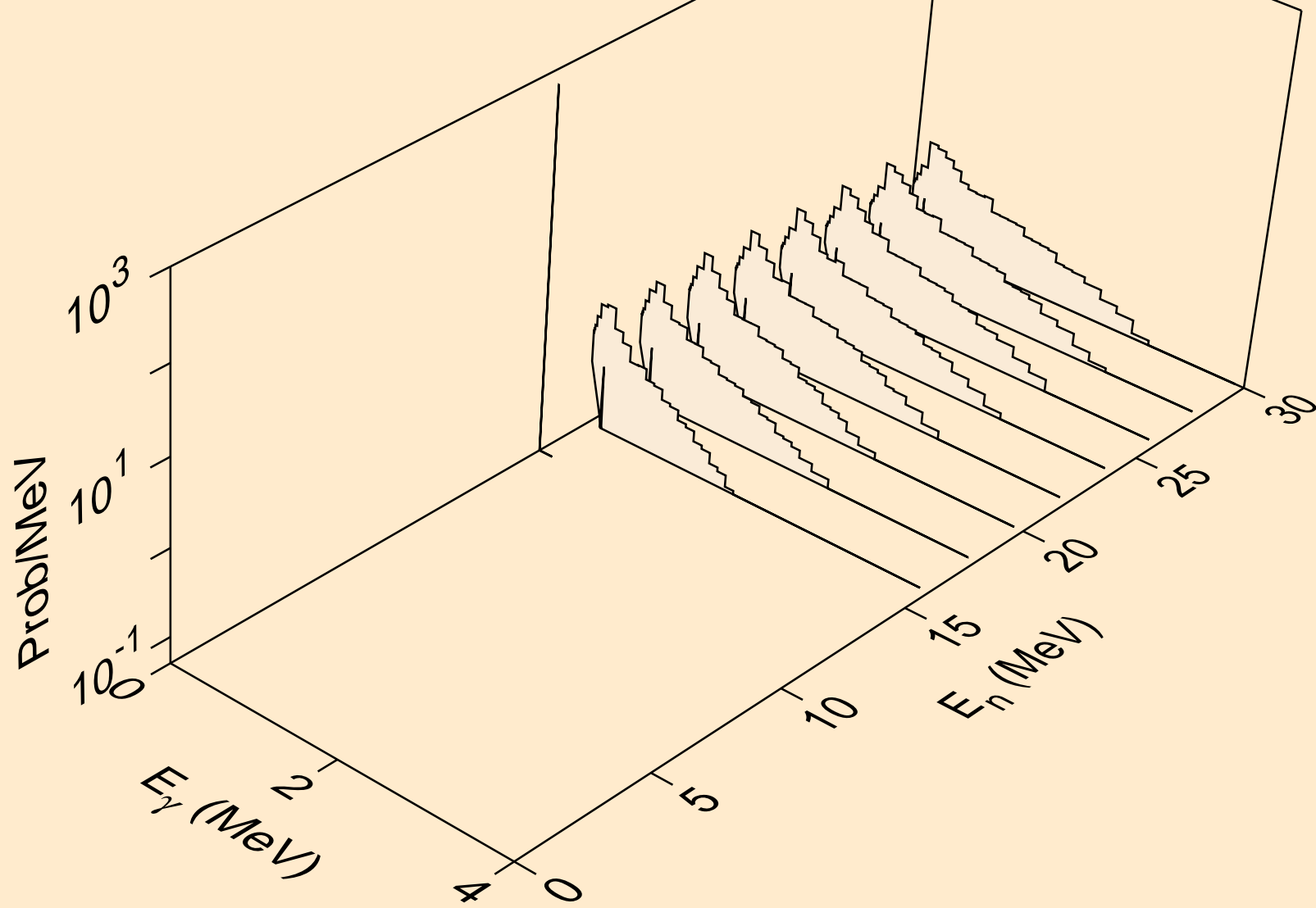
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

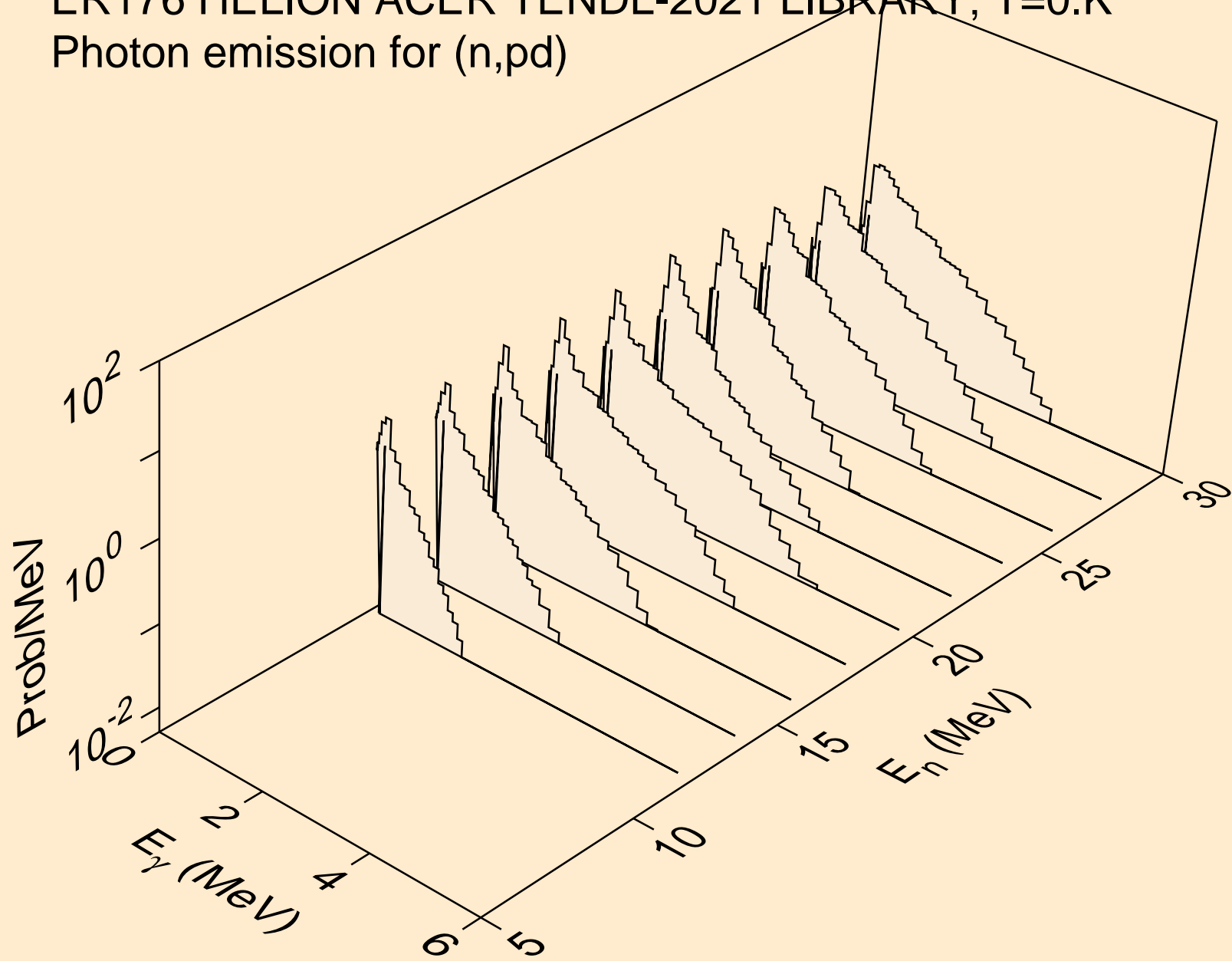


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

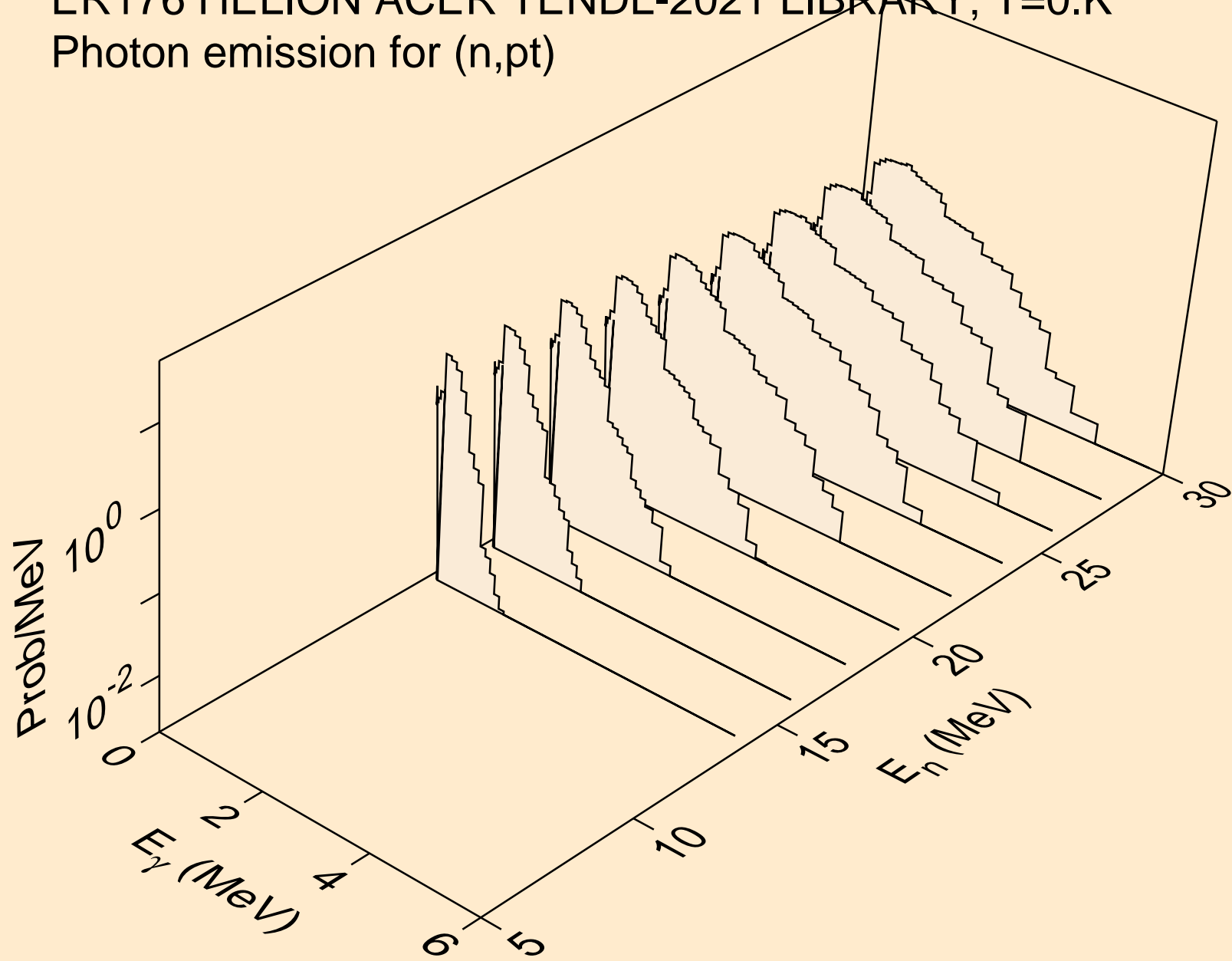




ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

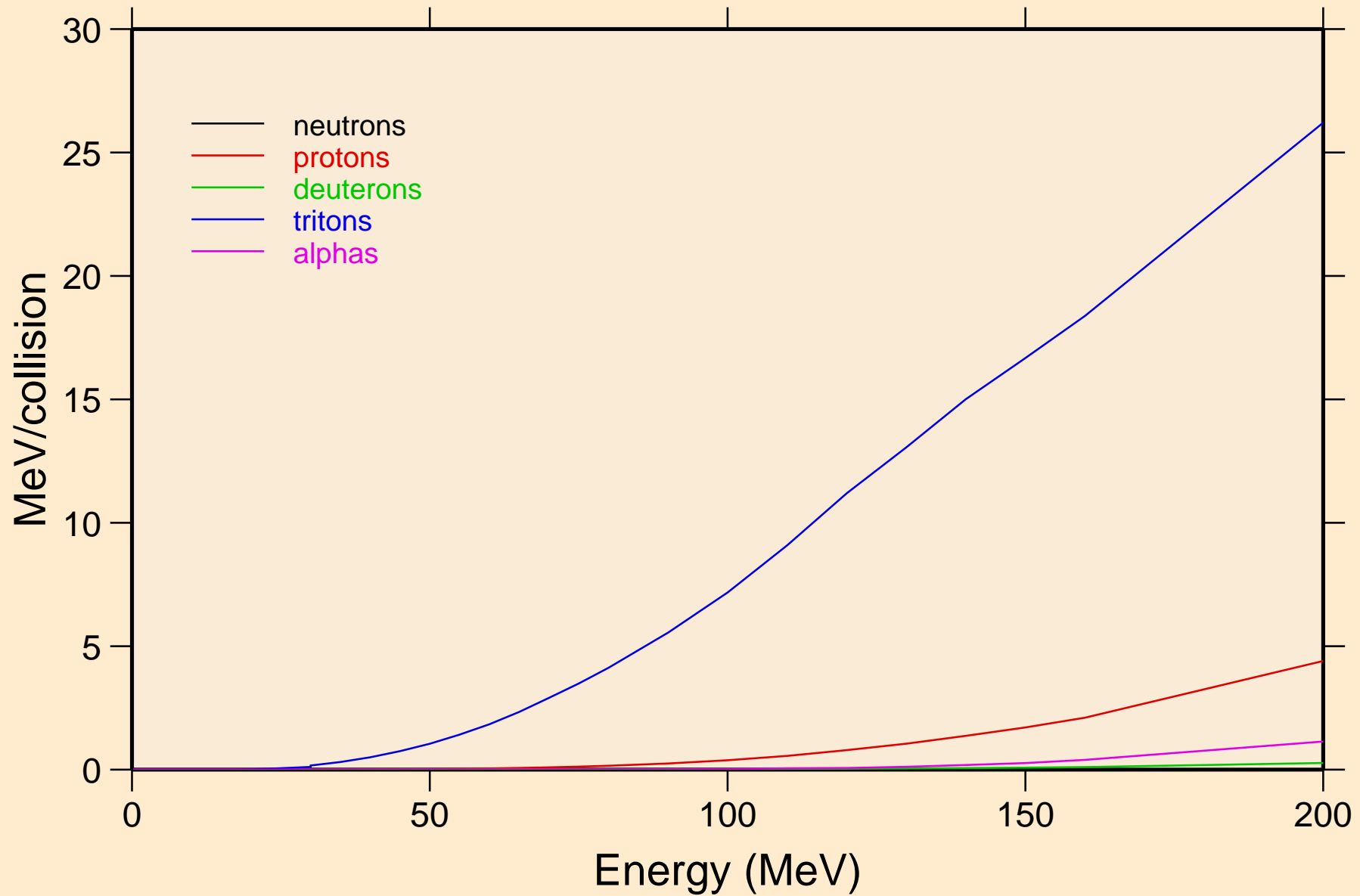


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

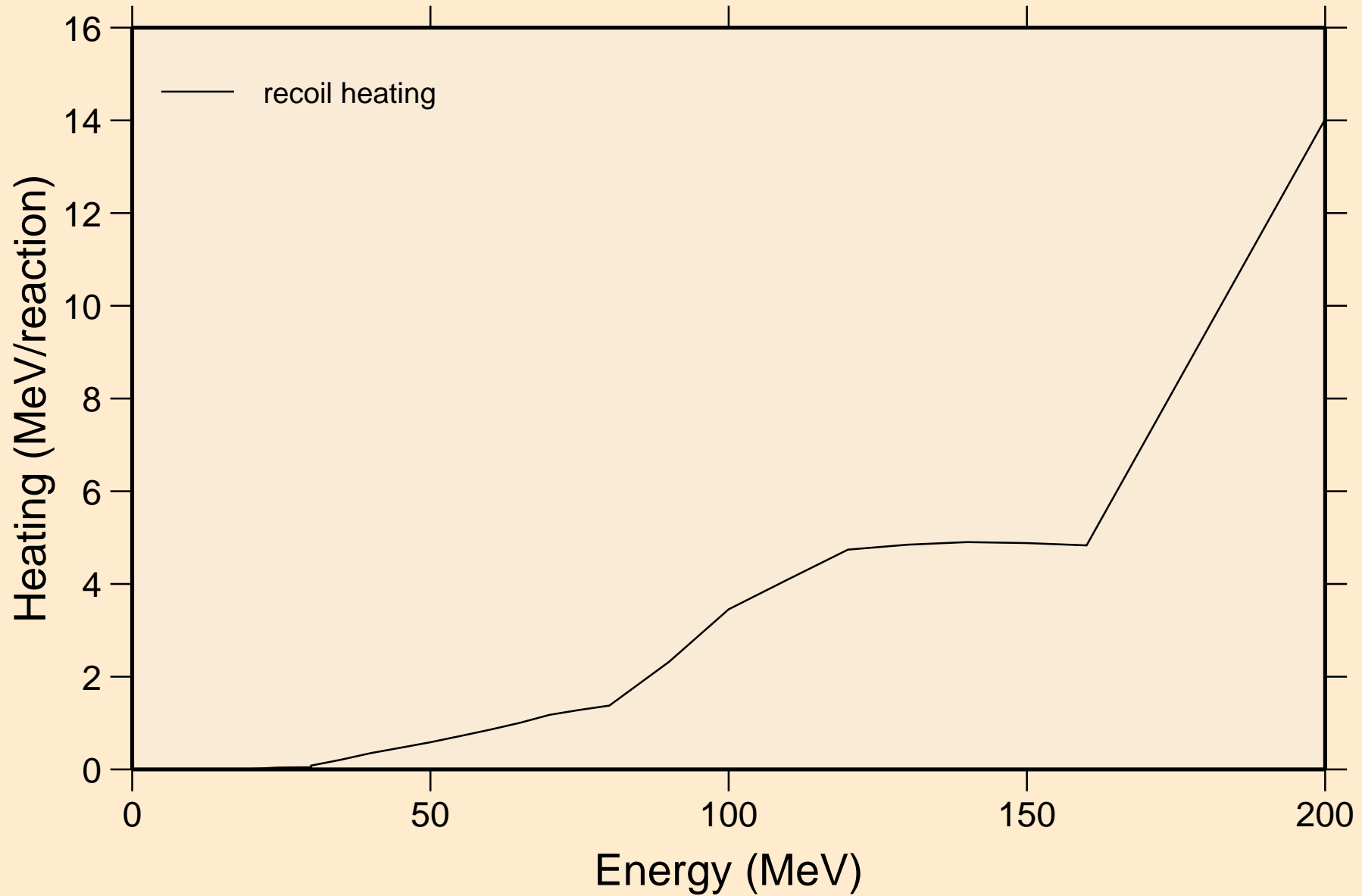


# ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K

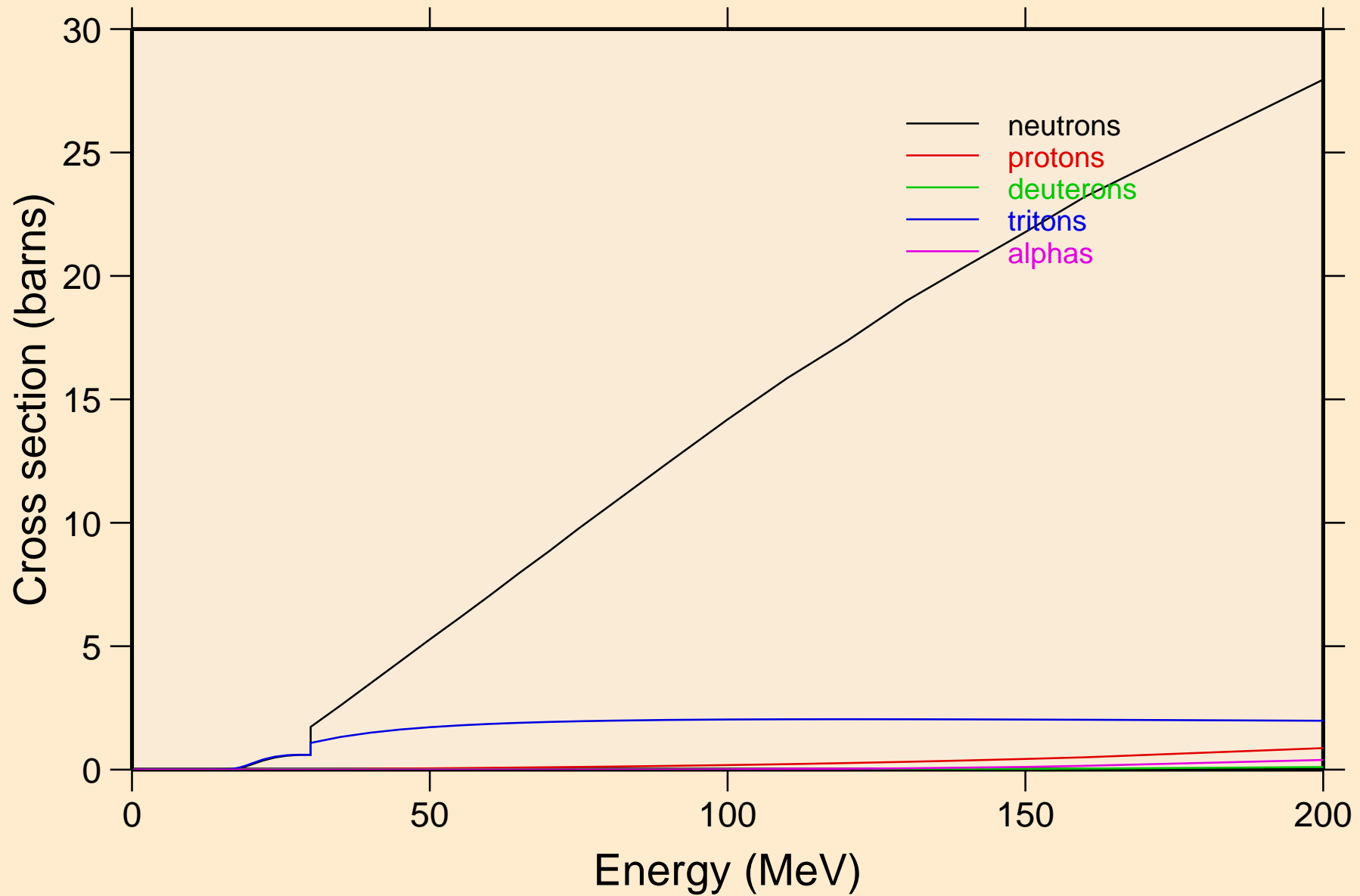
## Particle heating contributions



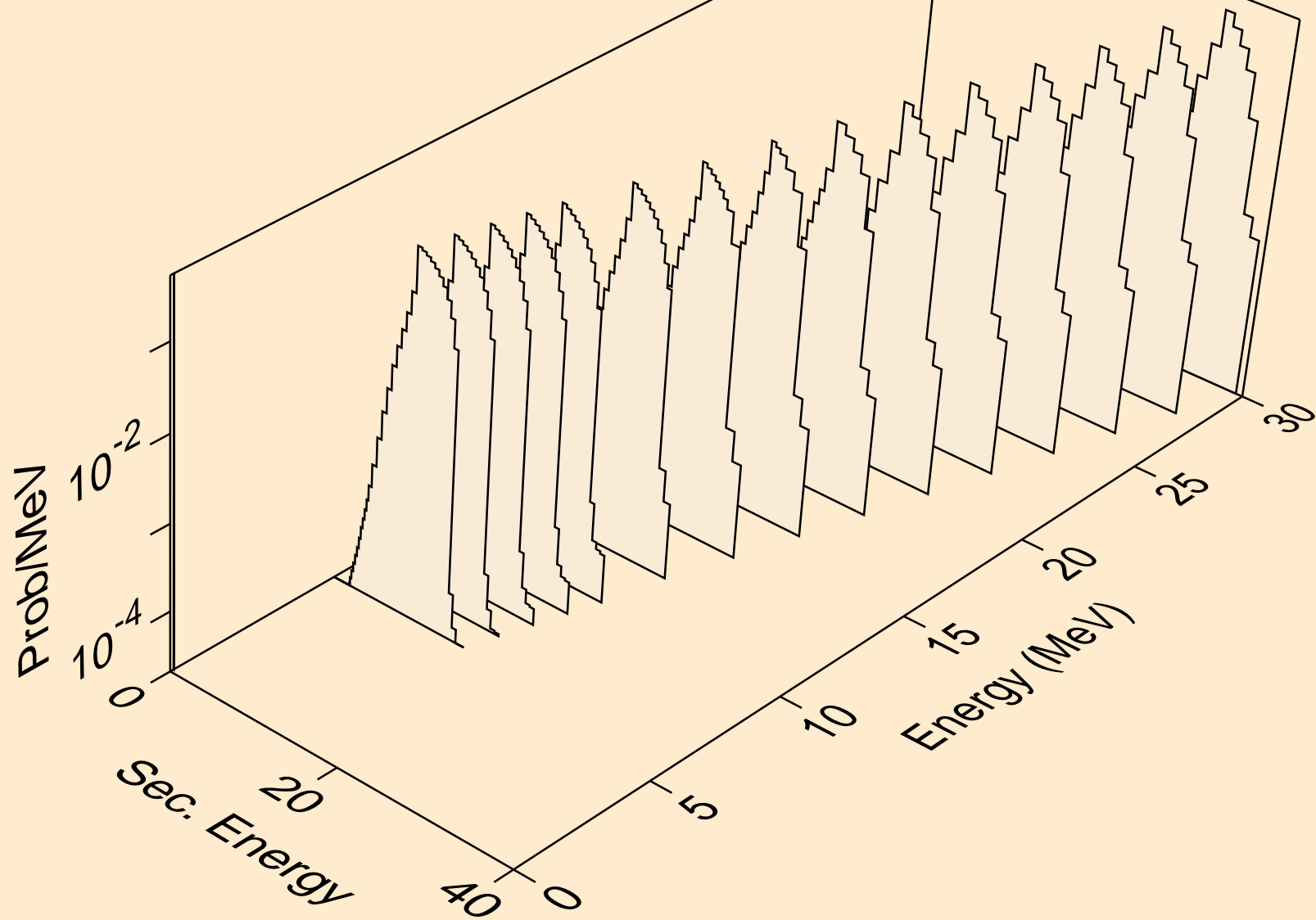
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



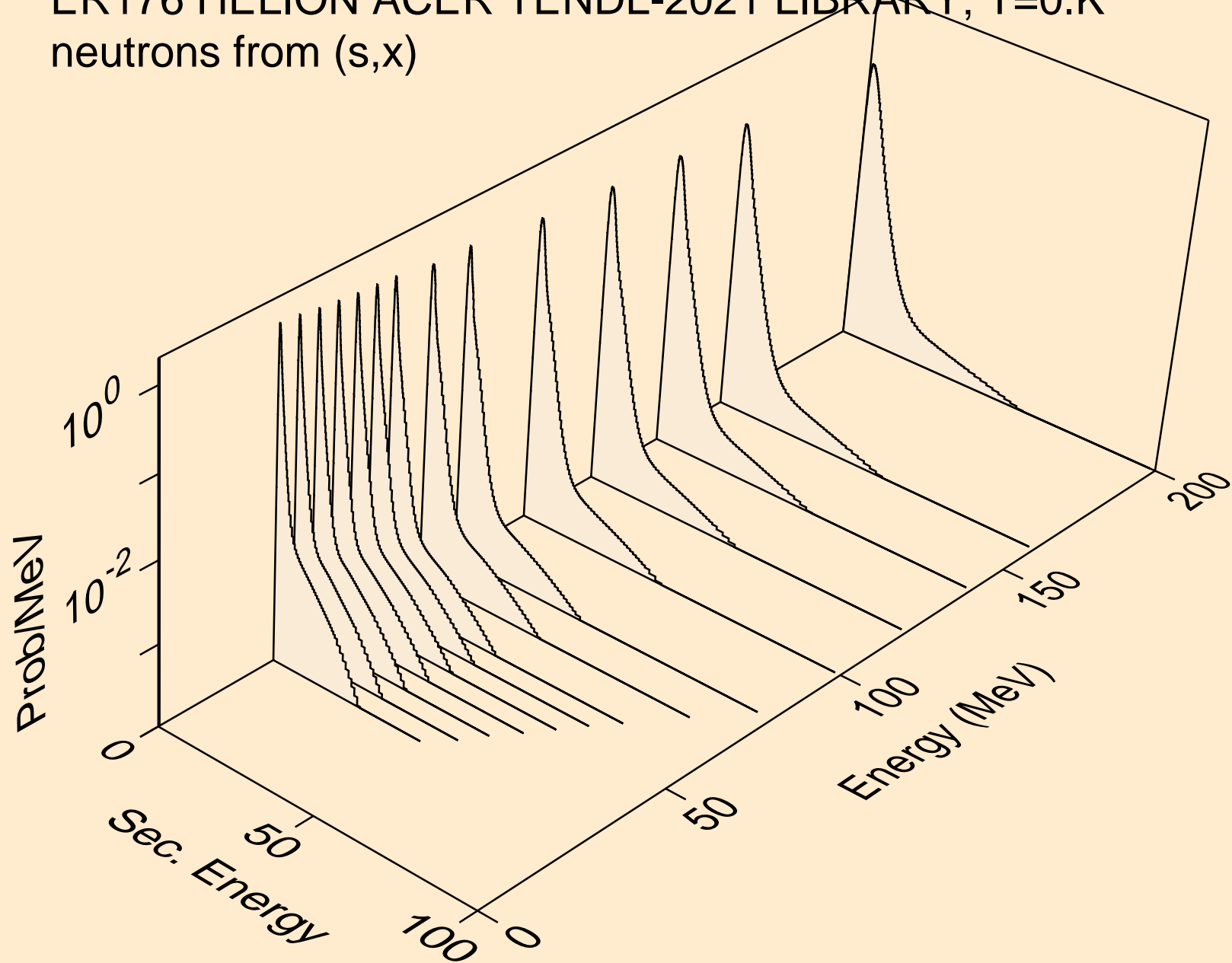
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



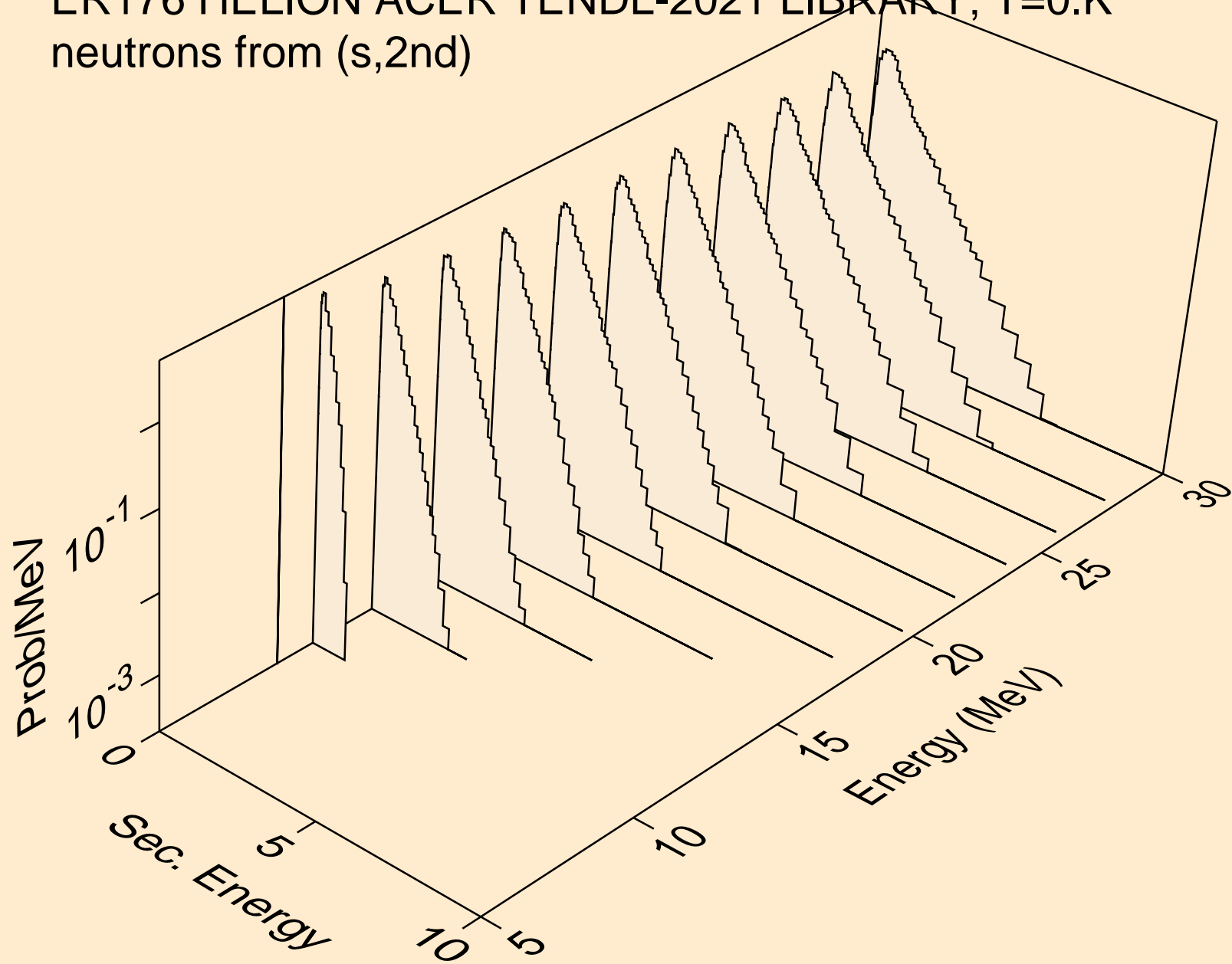
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)

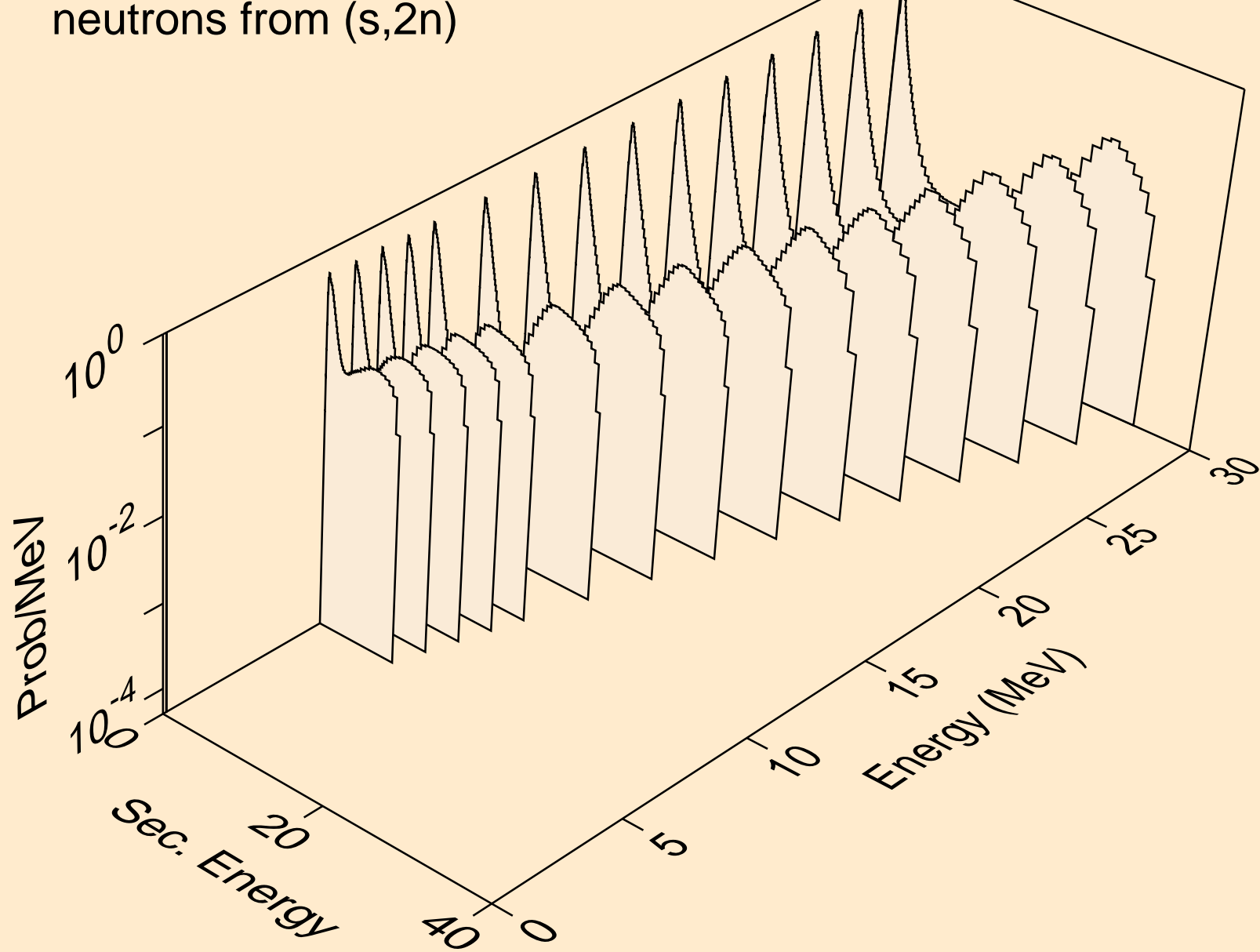


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)

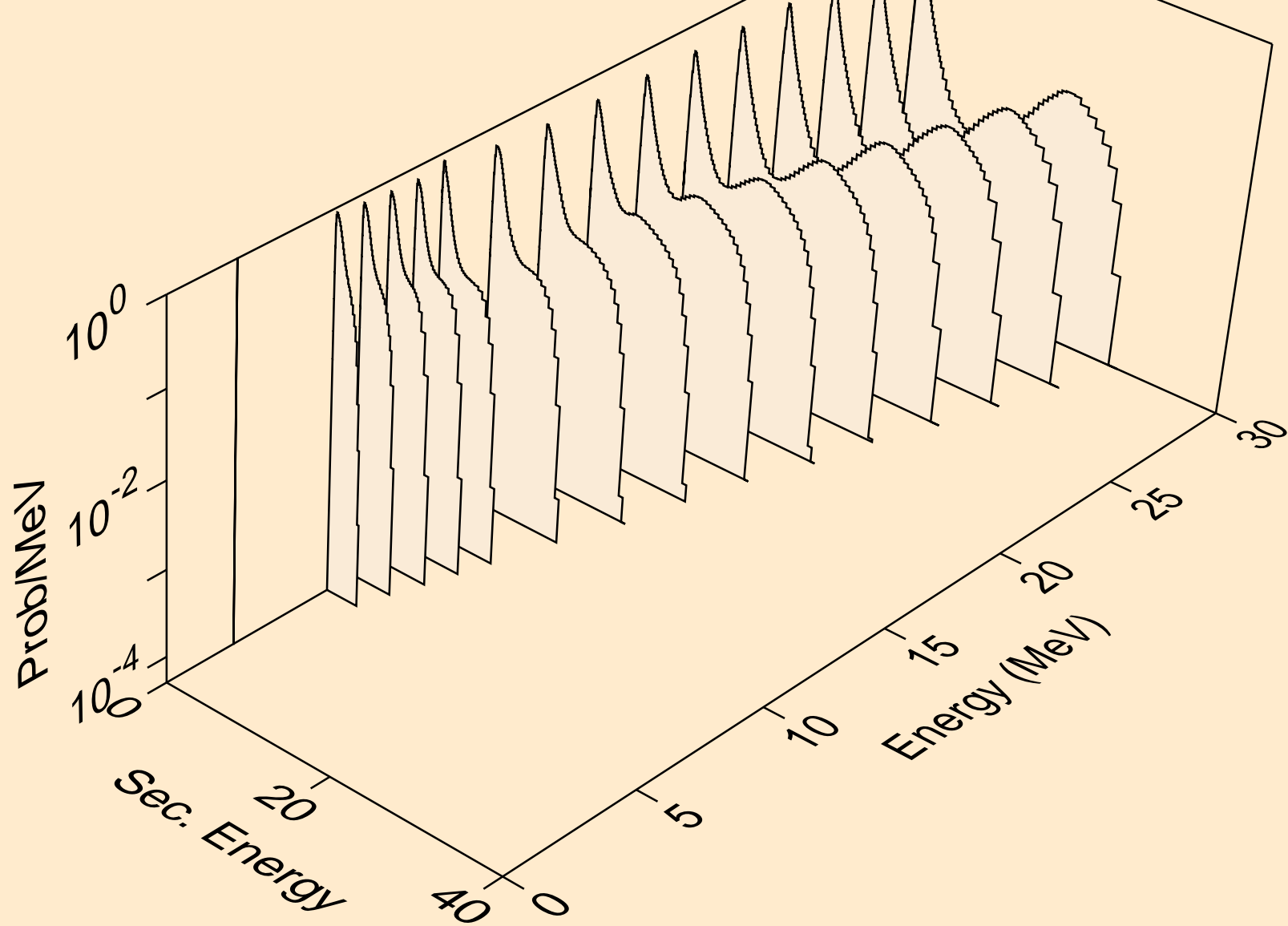




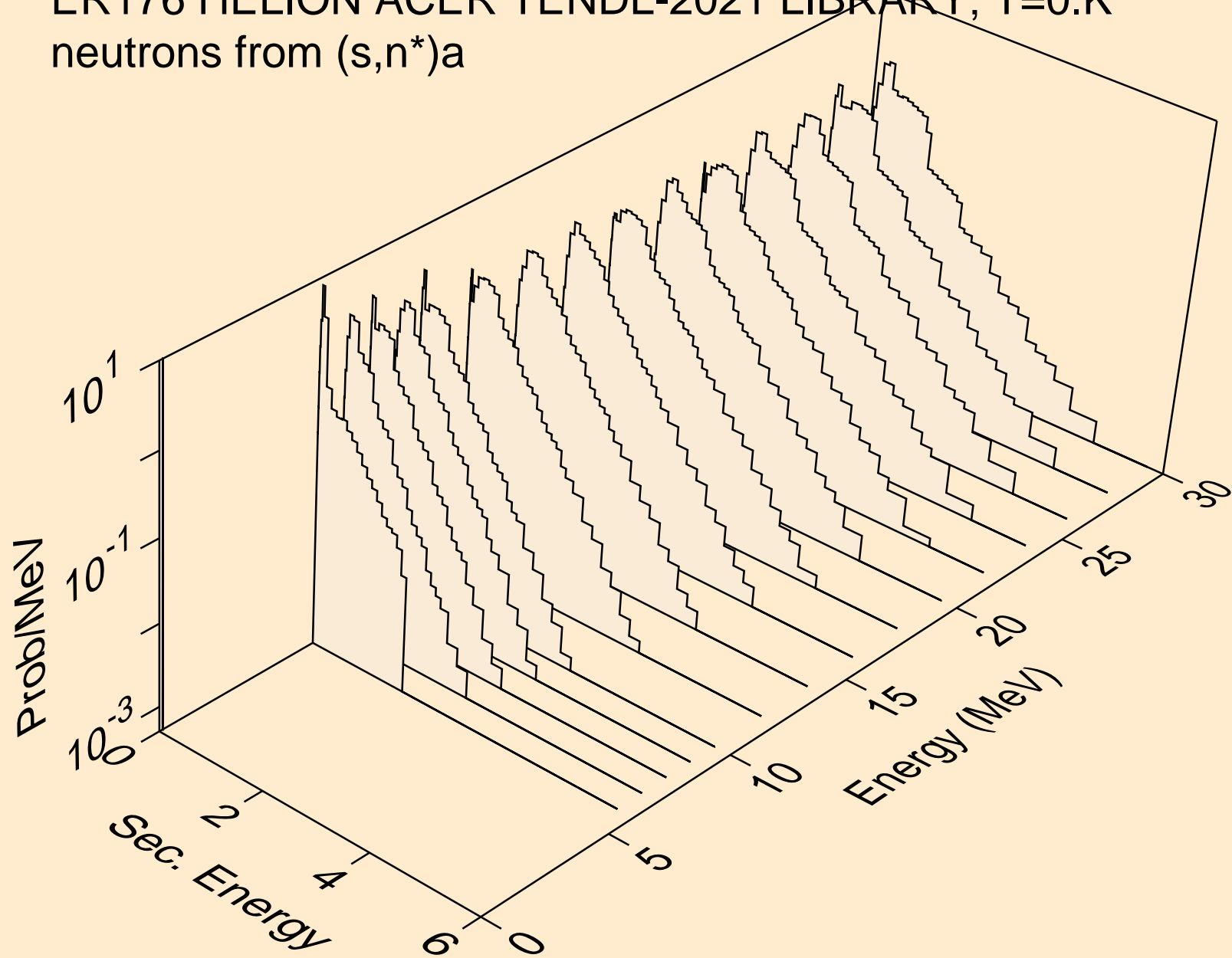
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



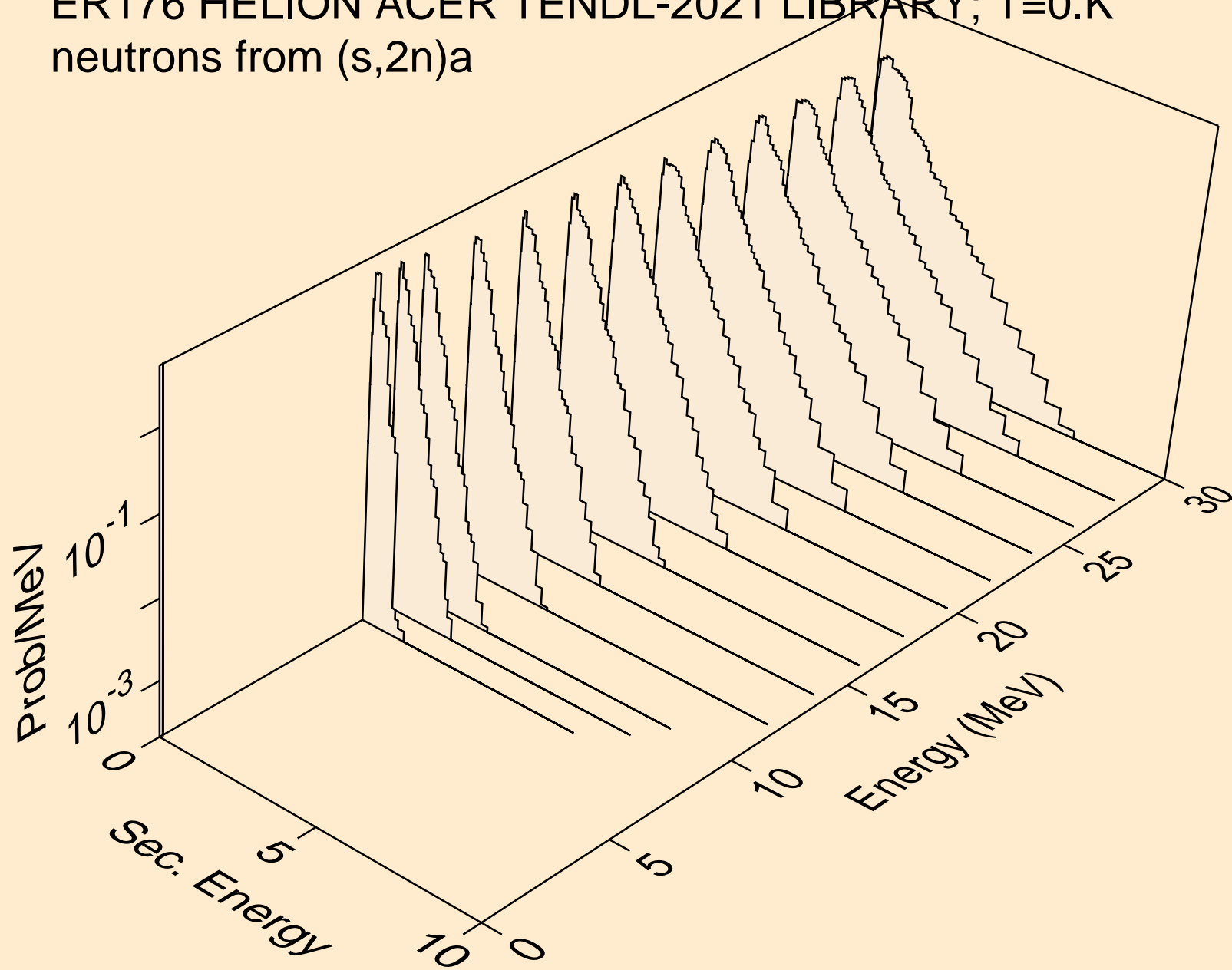
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



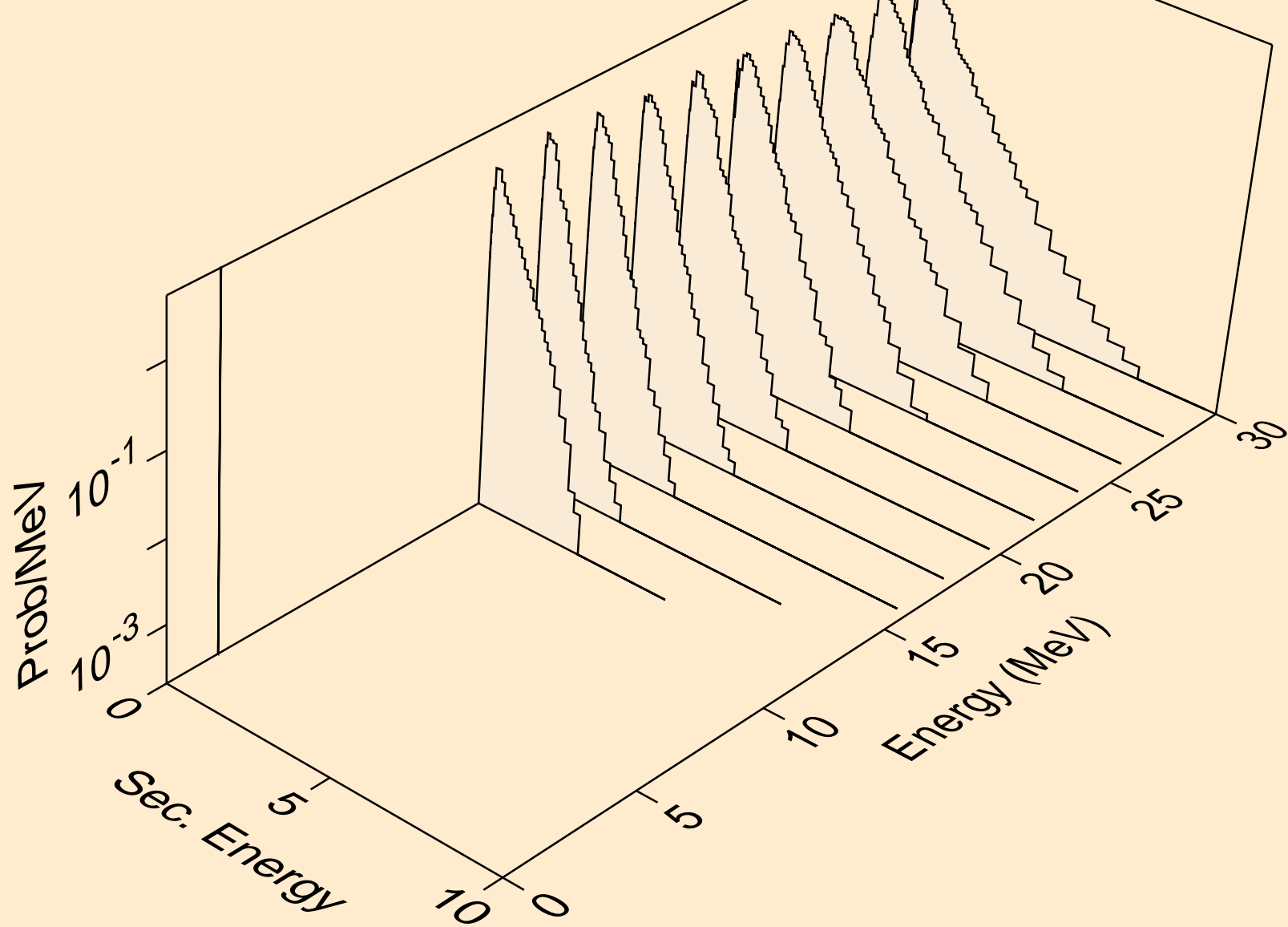
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



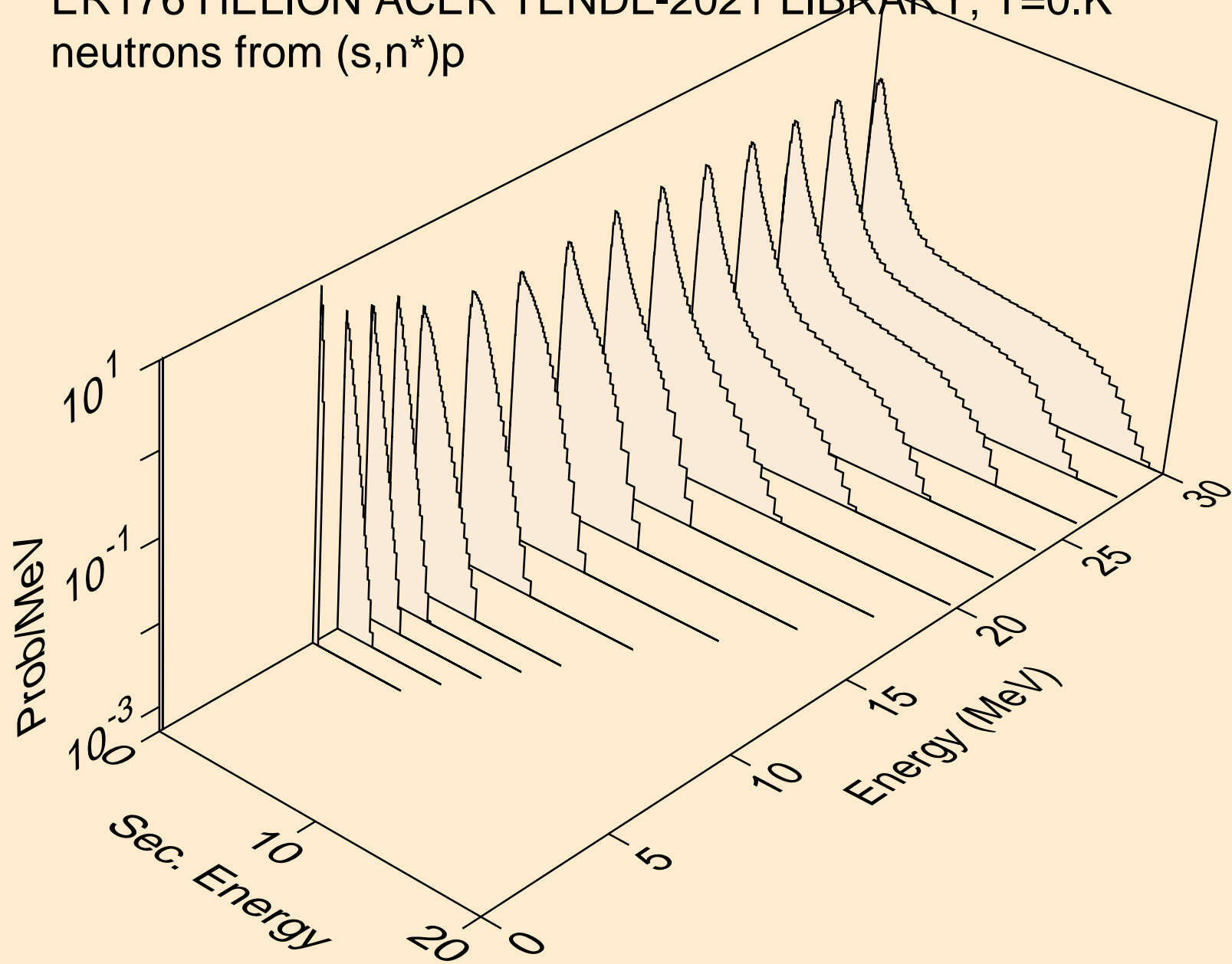
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



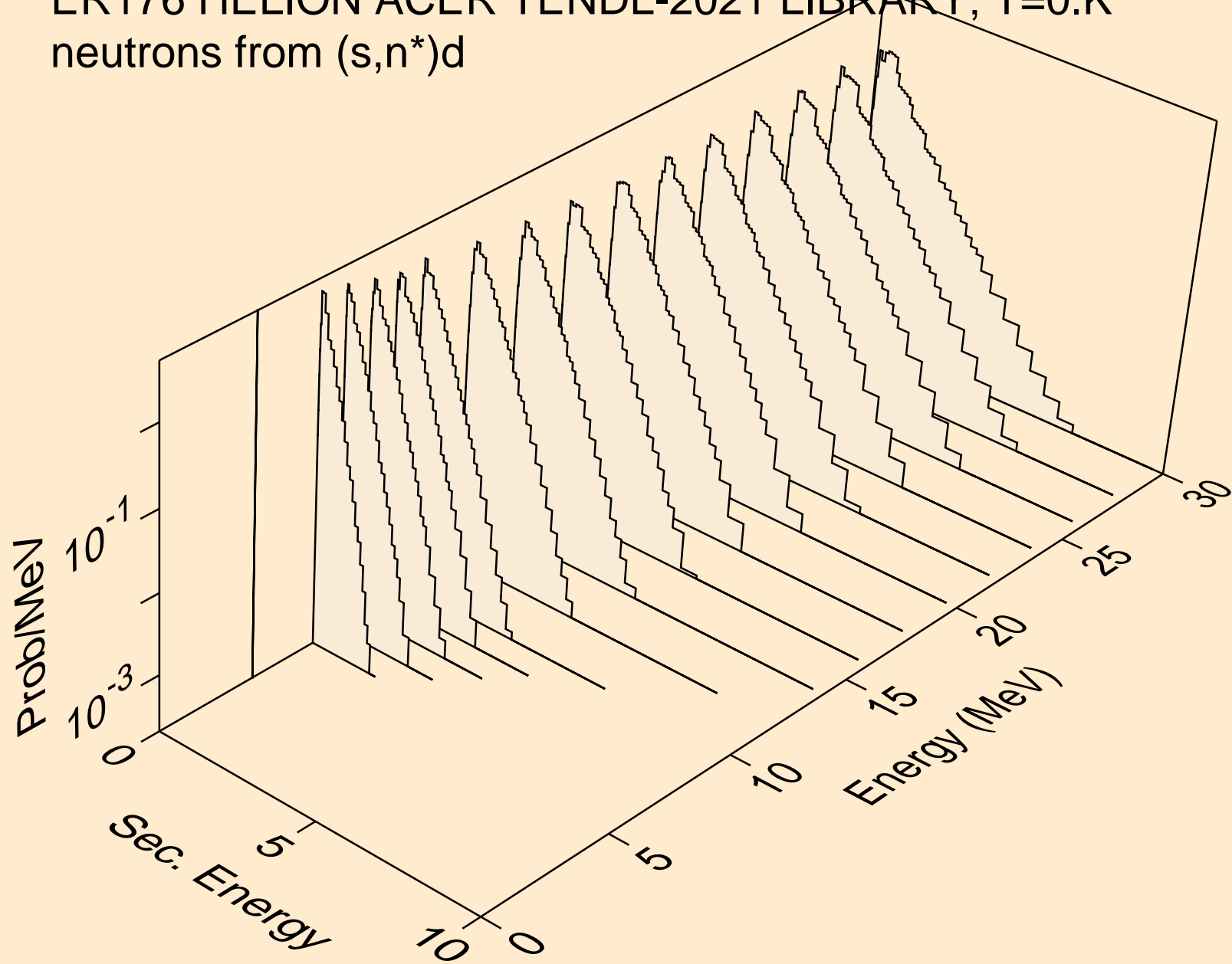
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



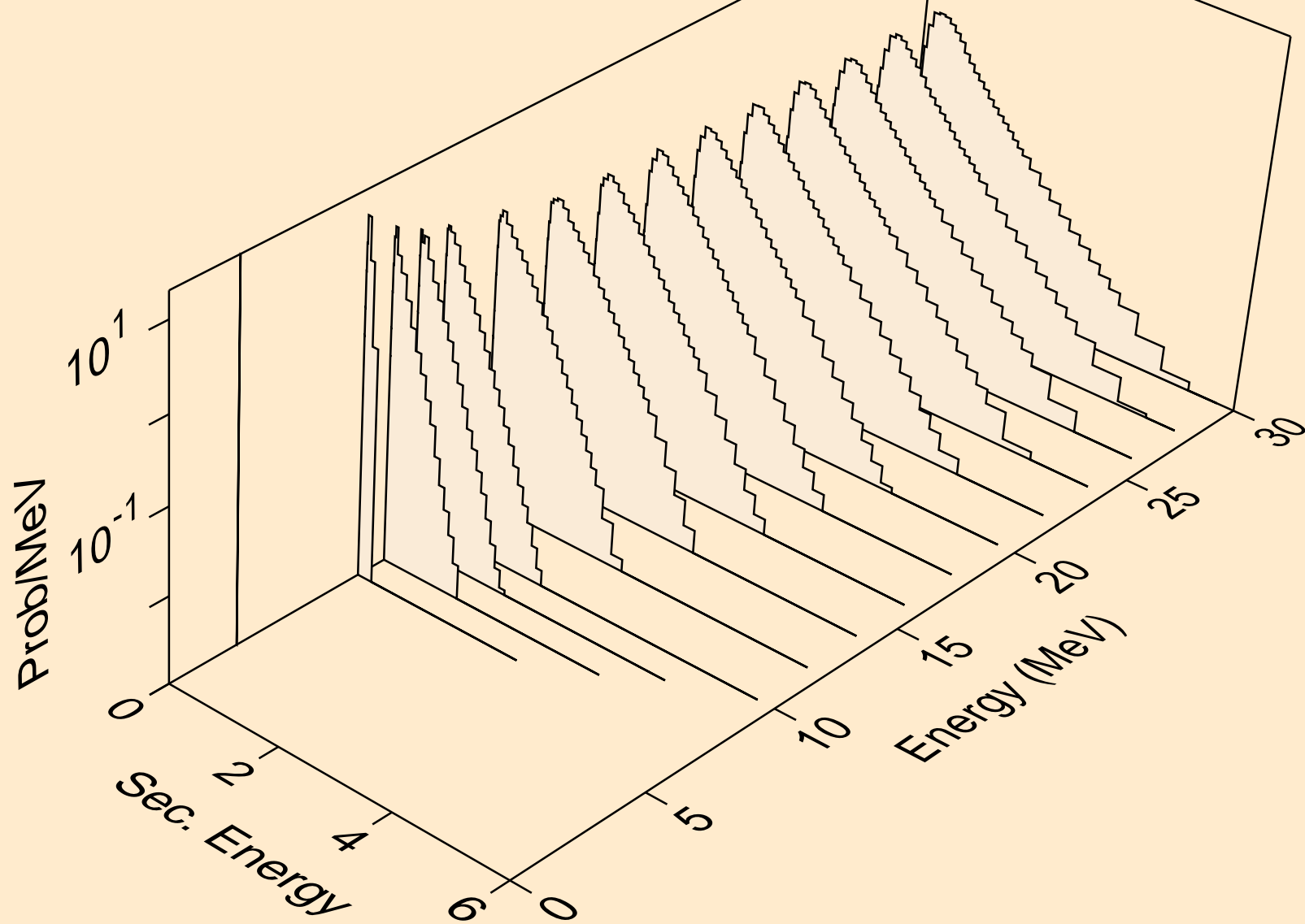
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d

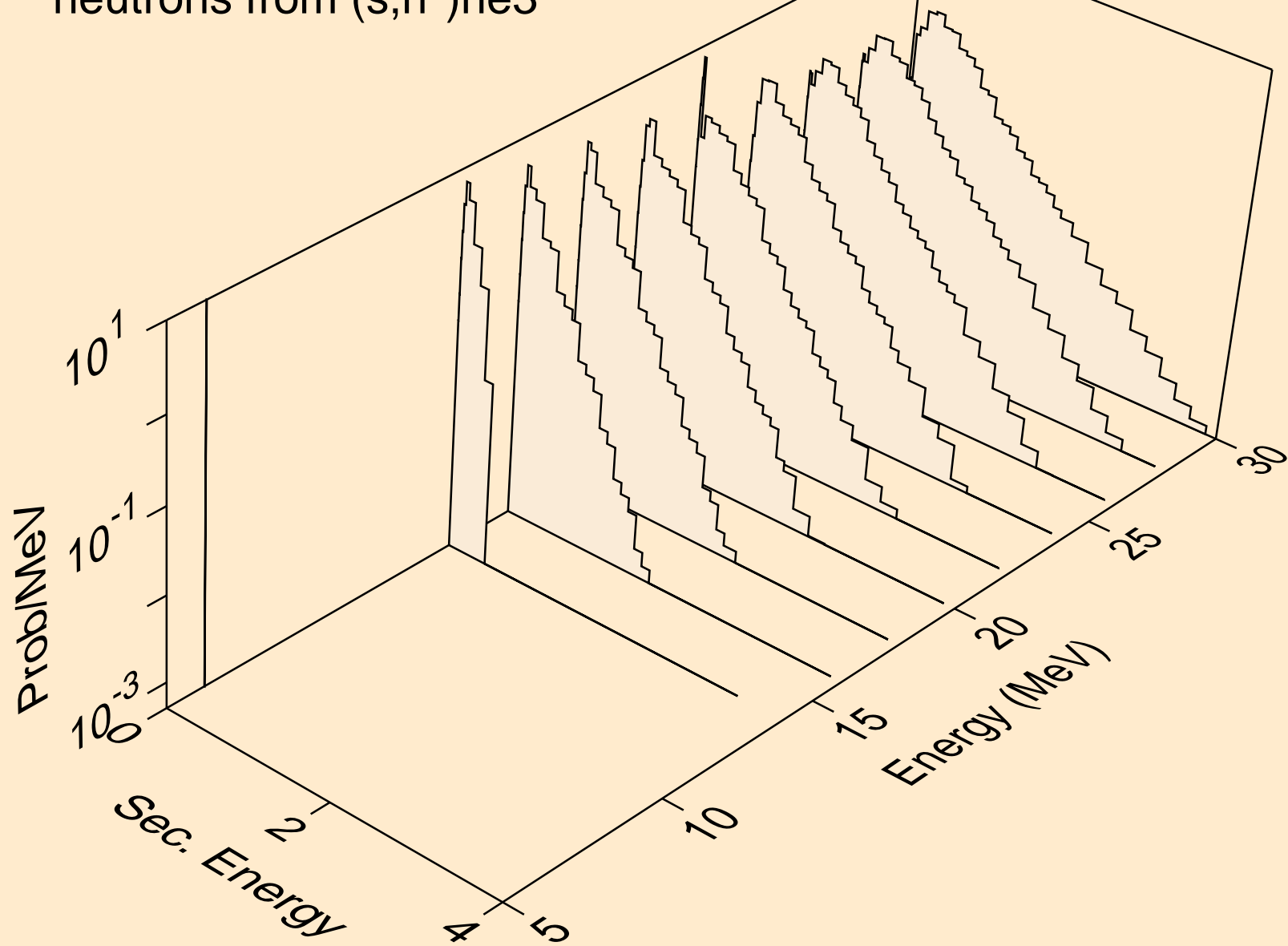


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t

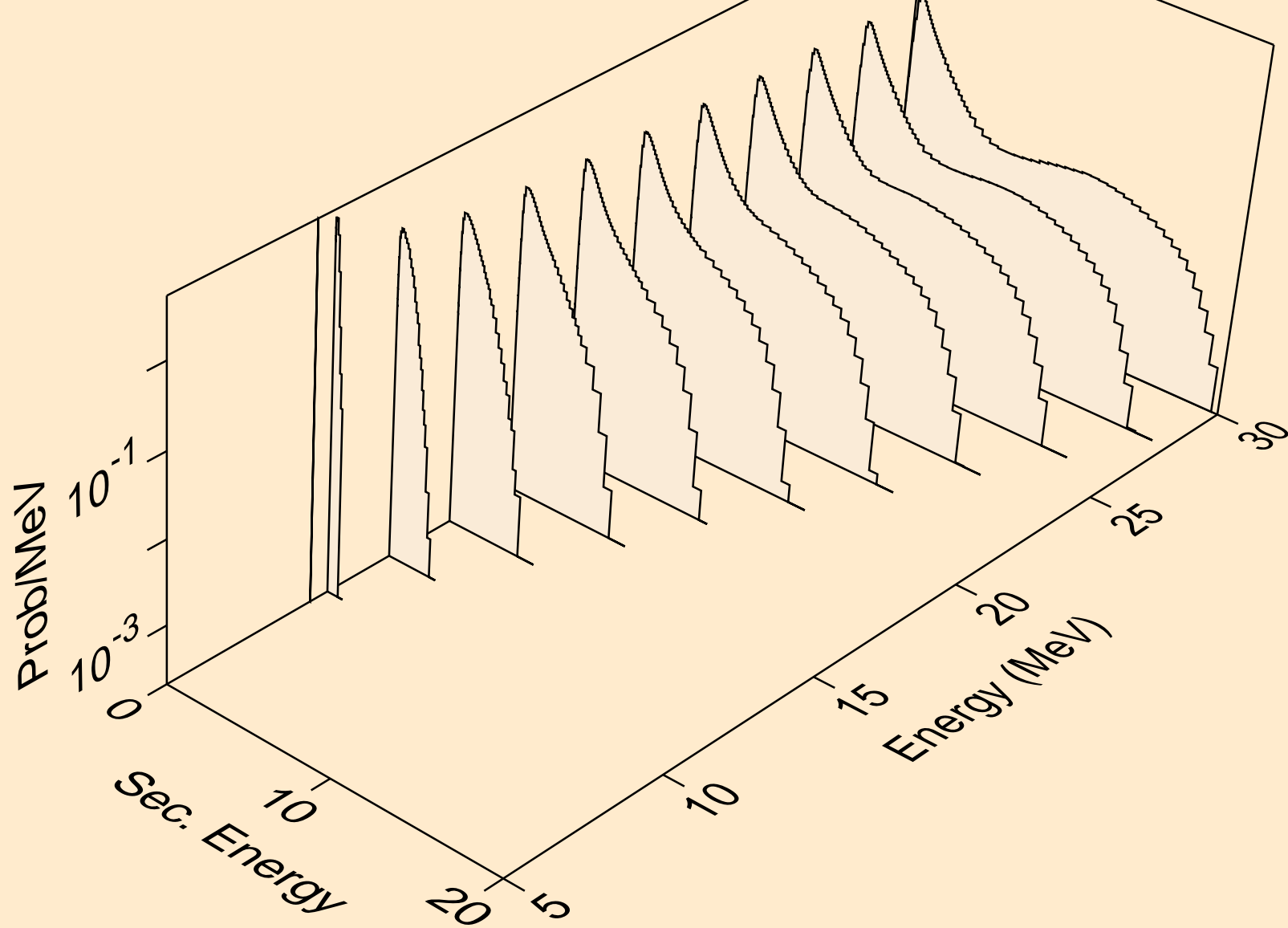




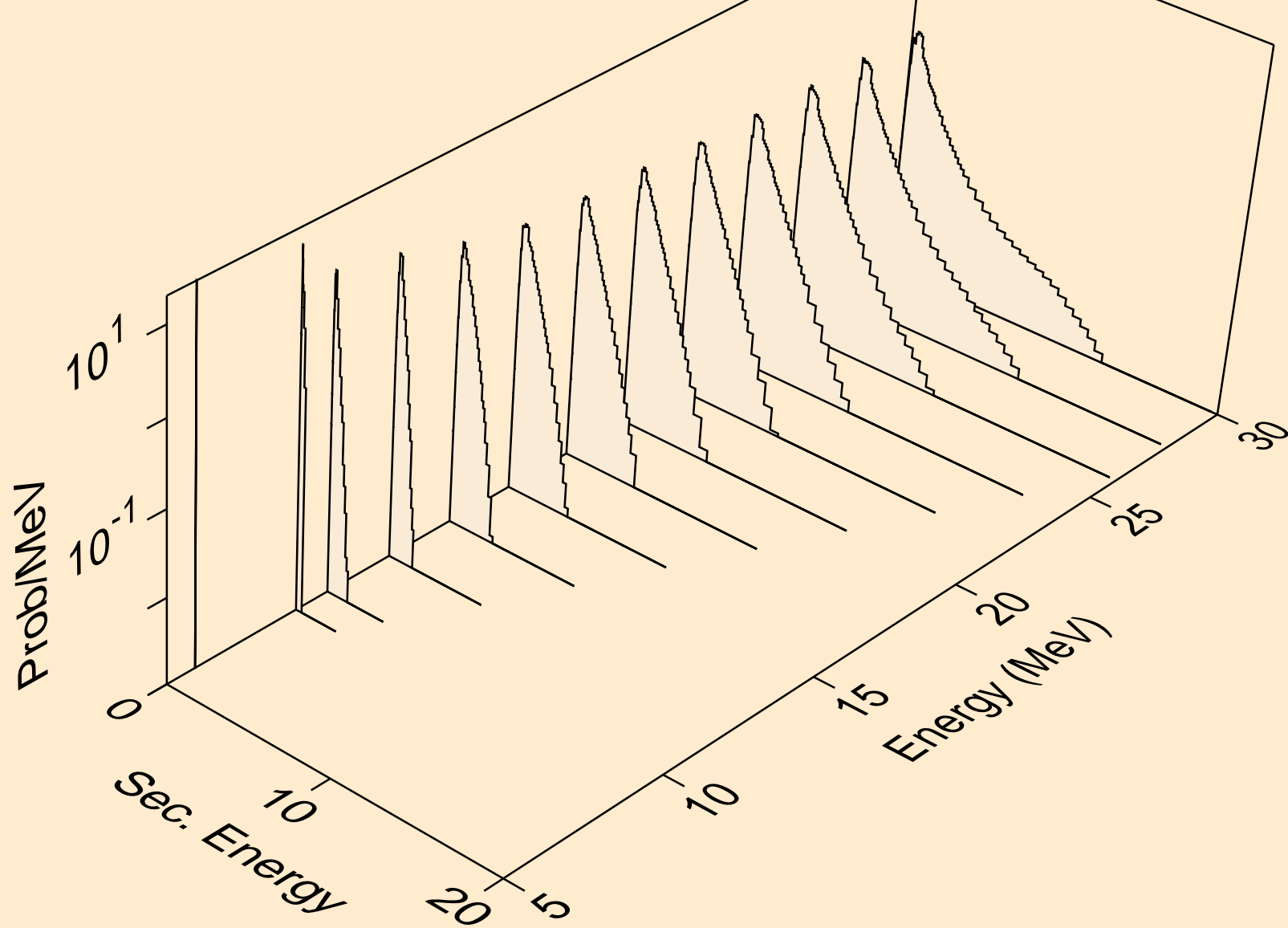
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



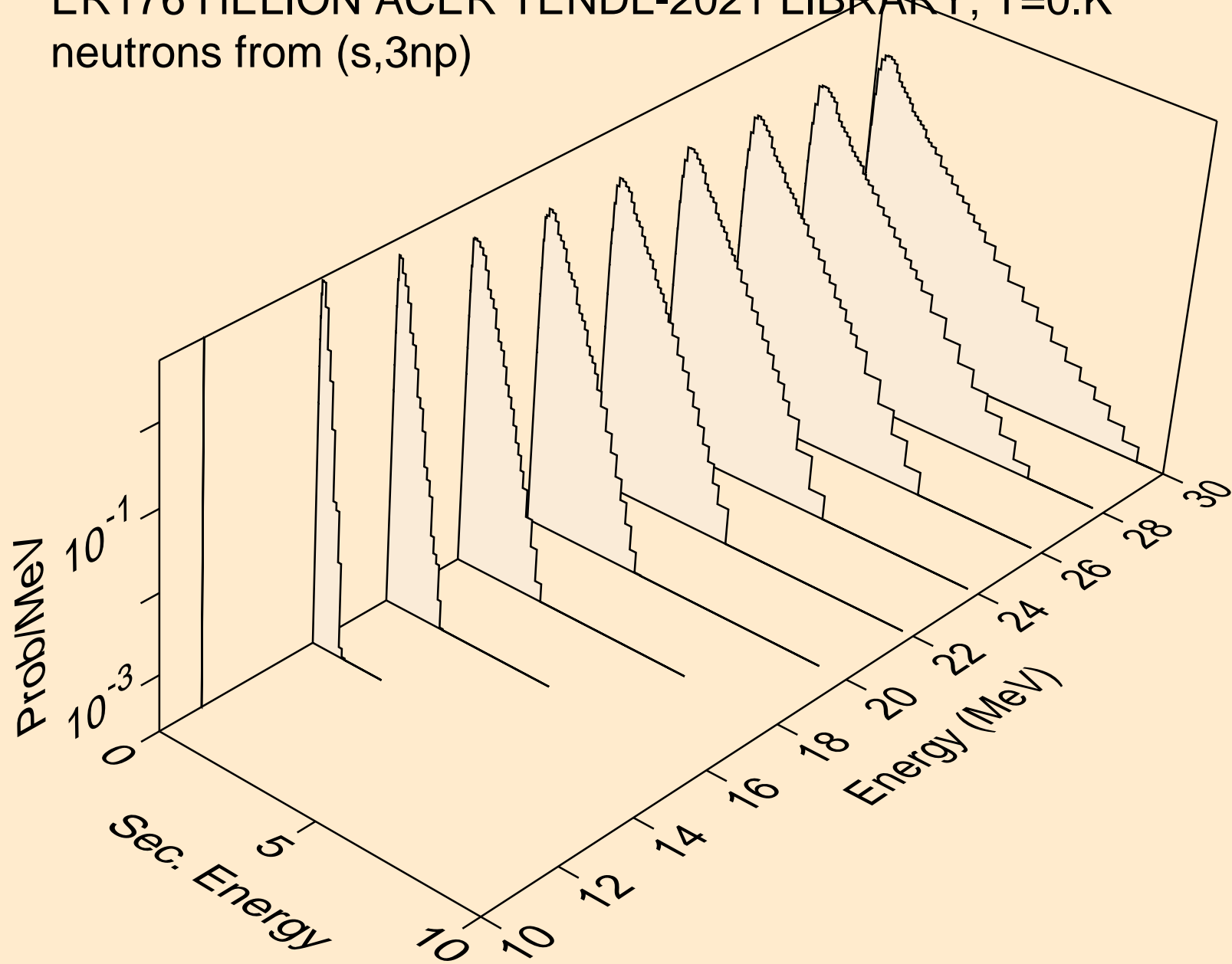
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)



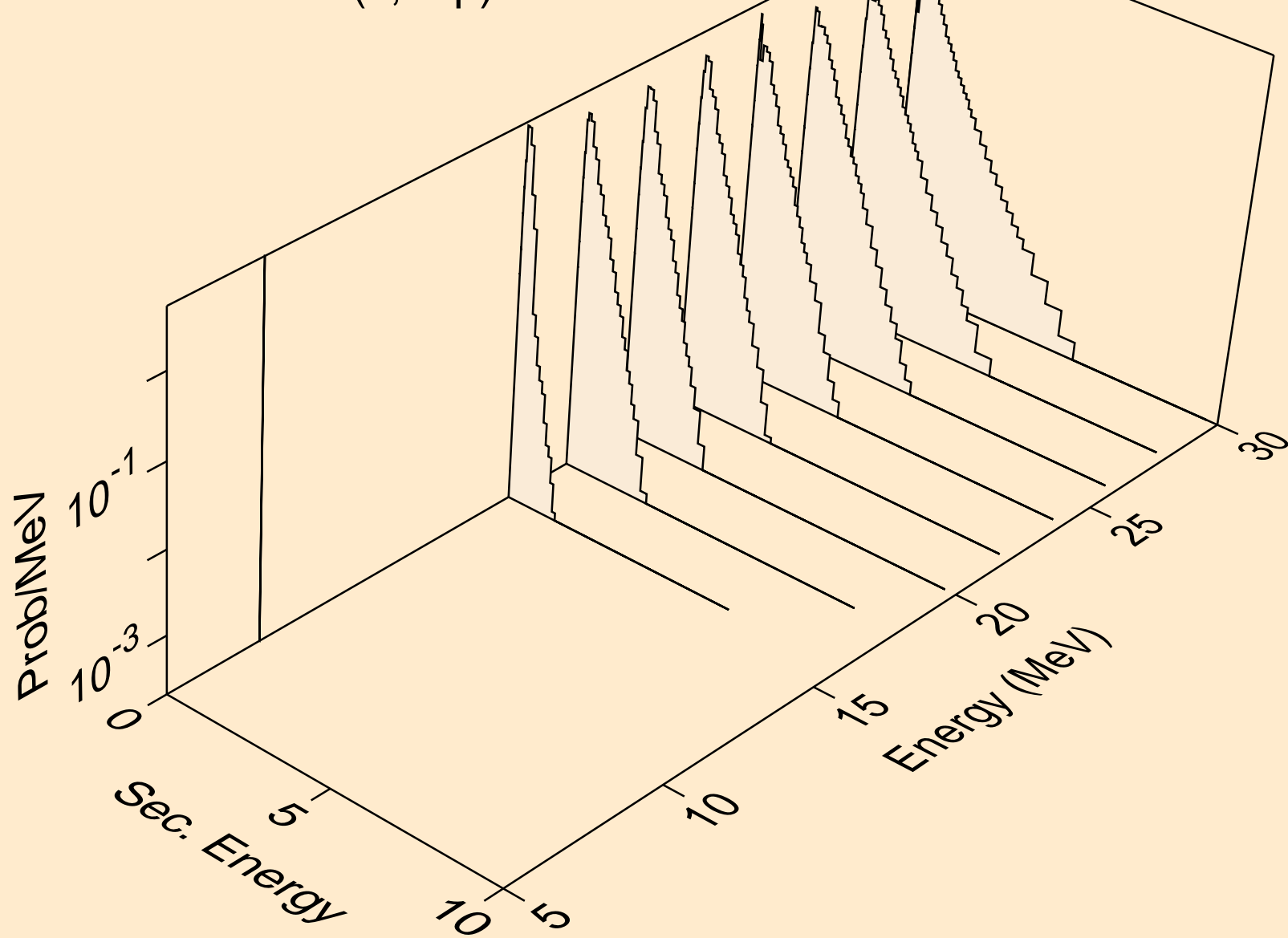
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



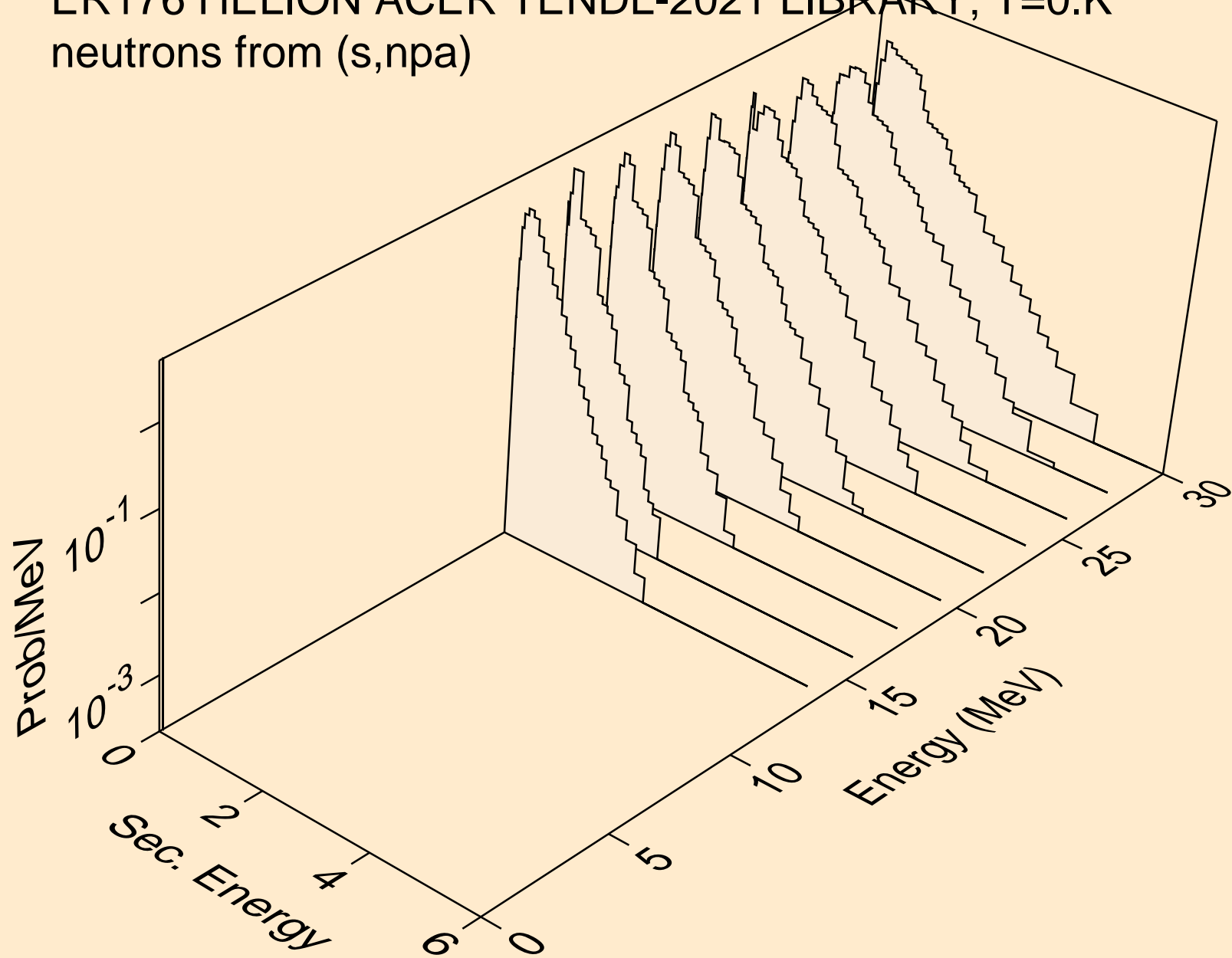
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



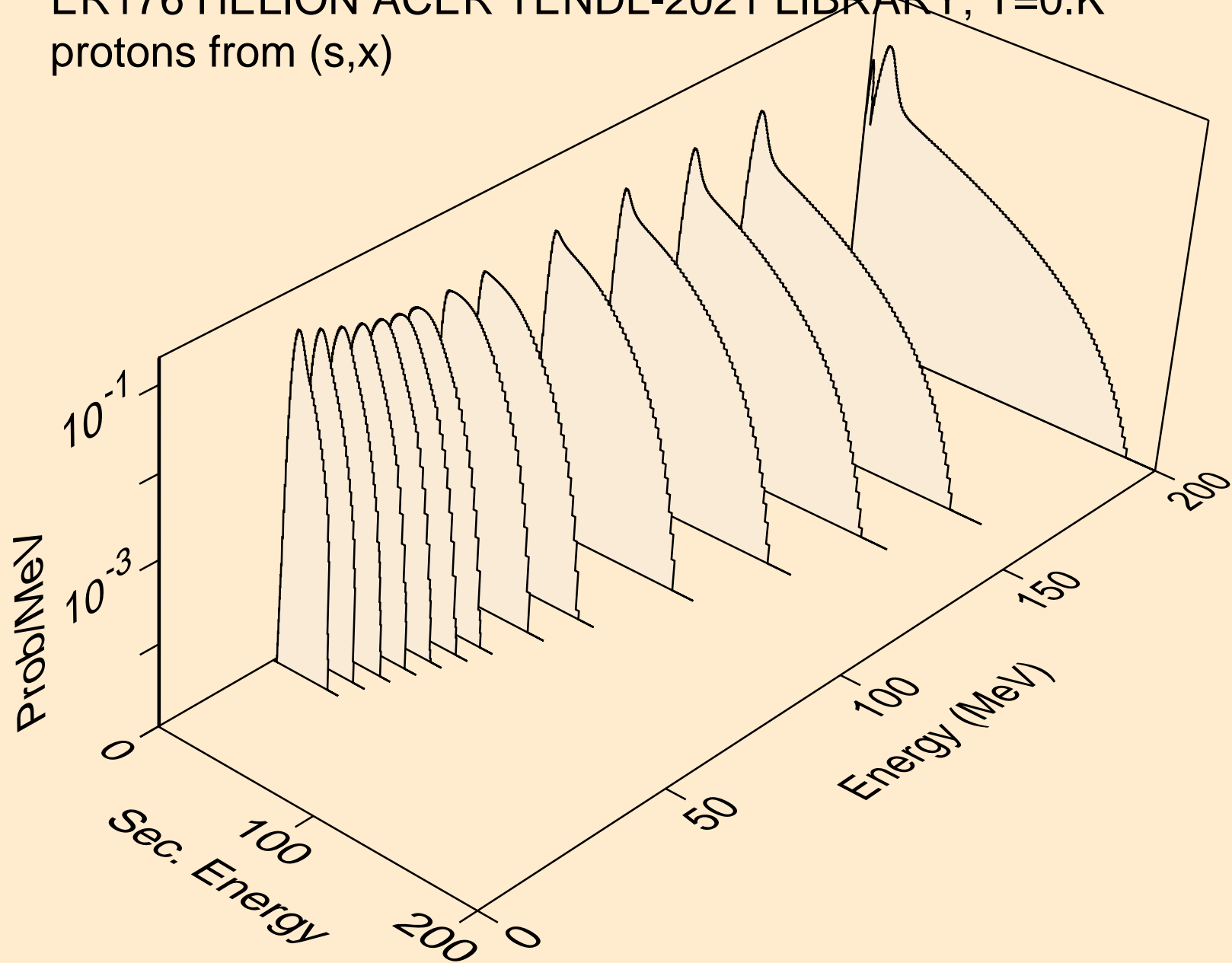
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



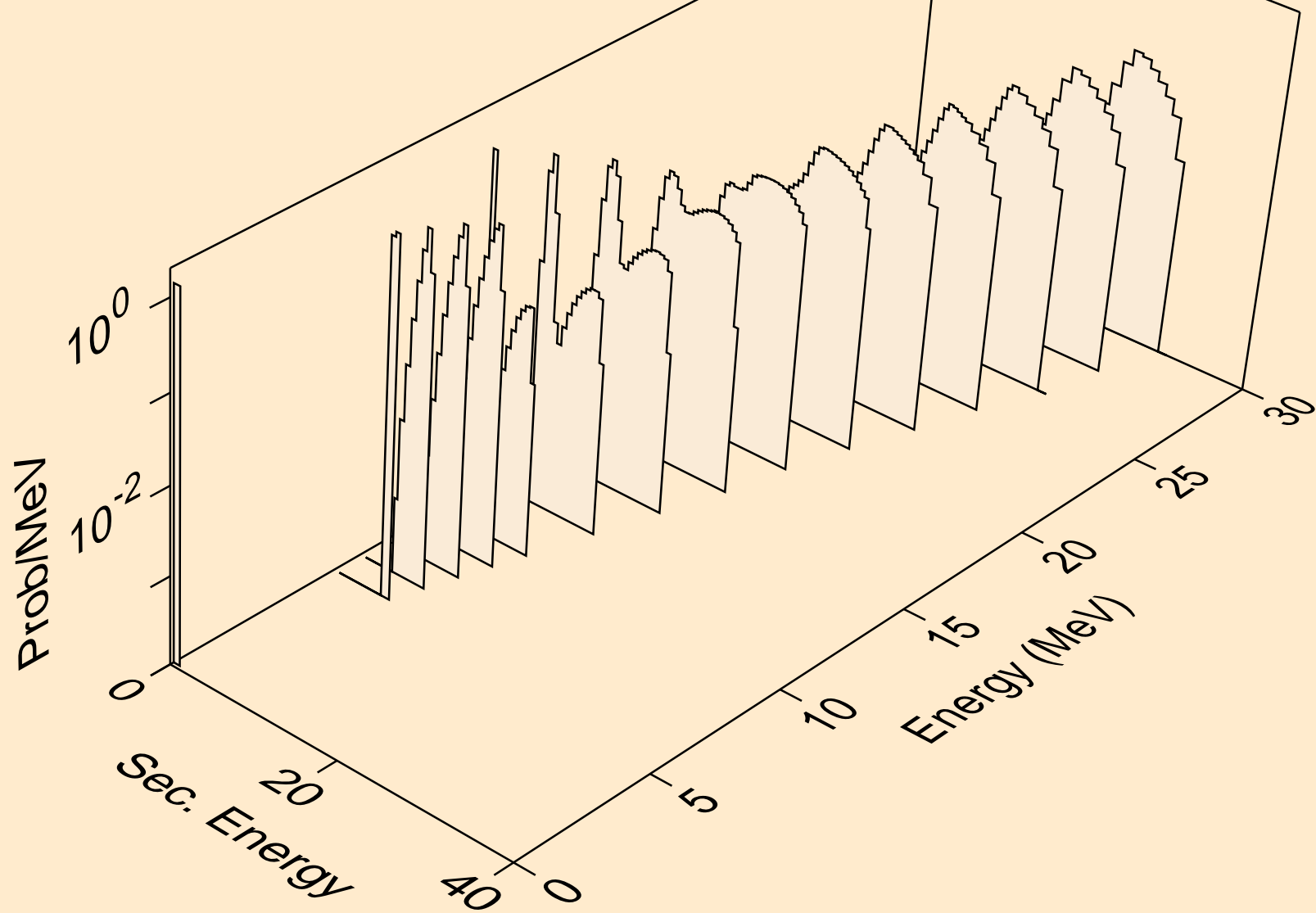
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)

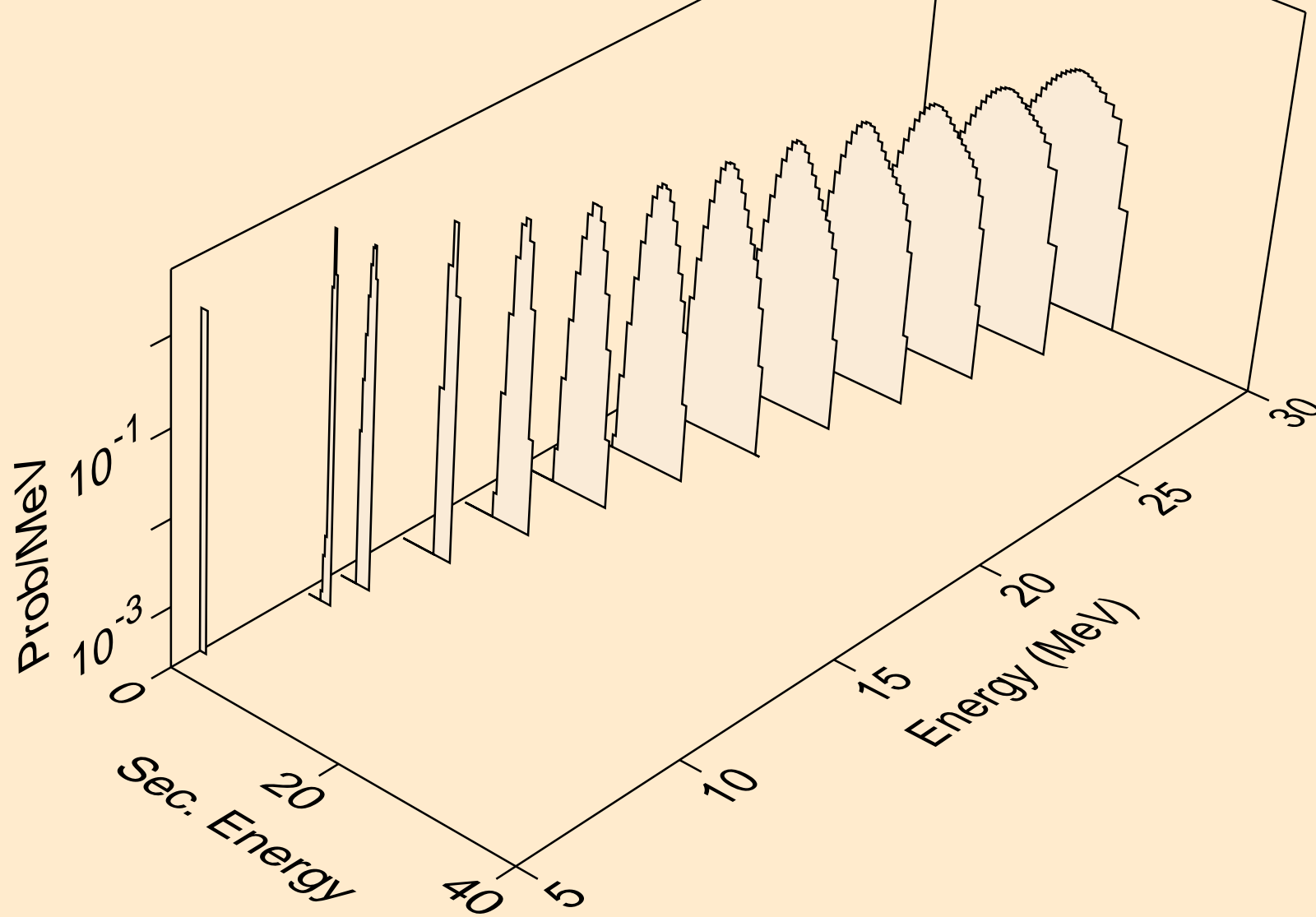


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p

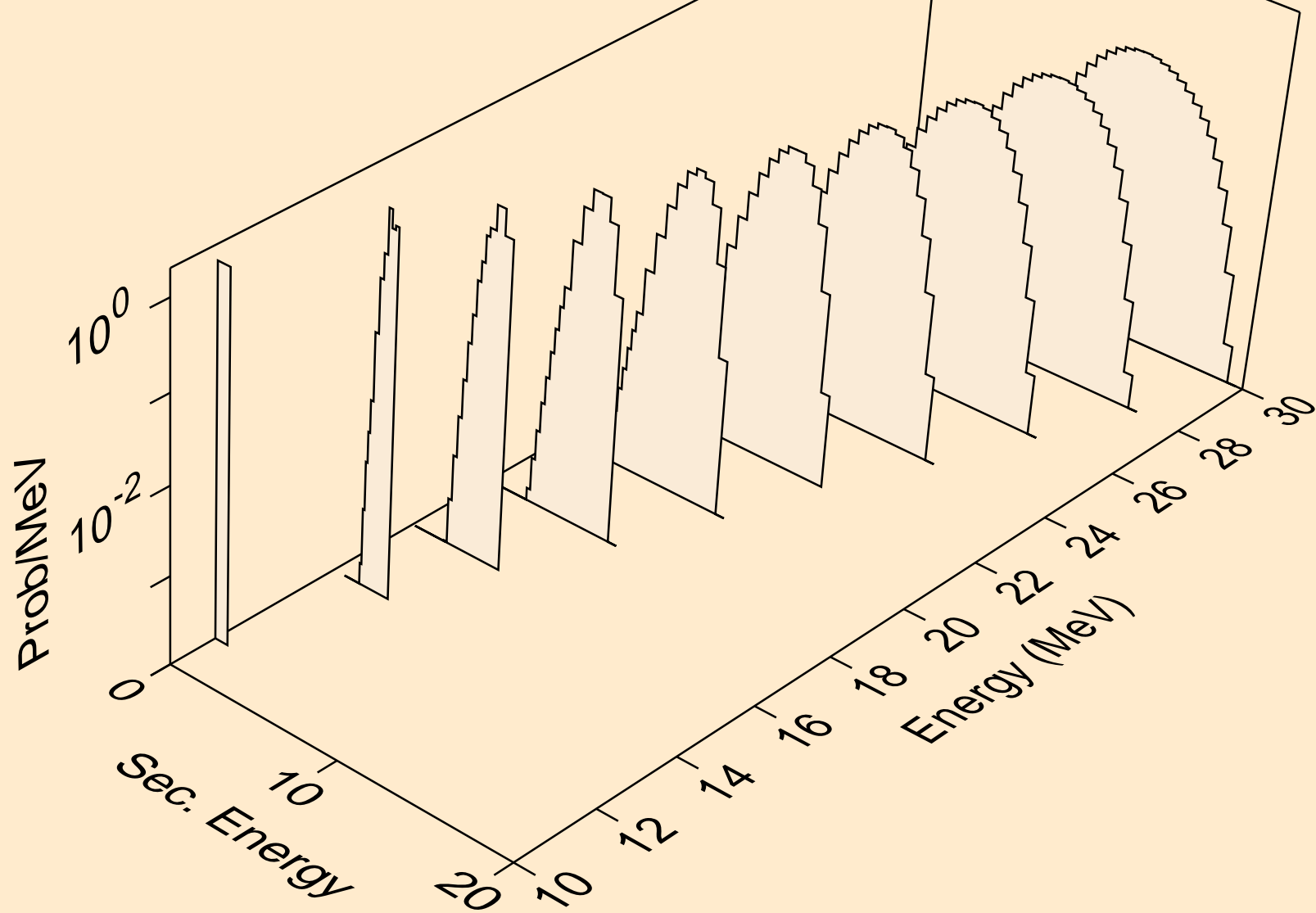




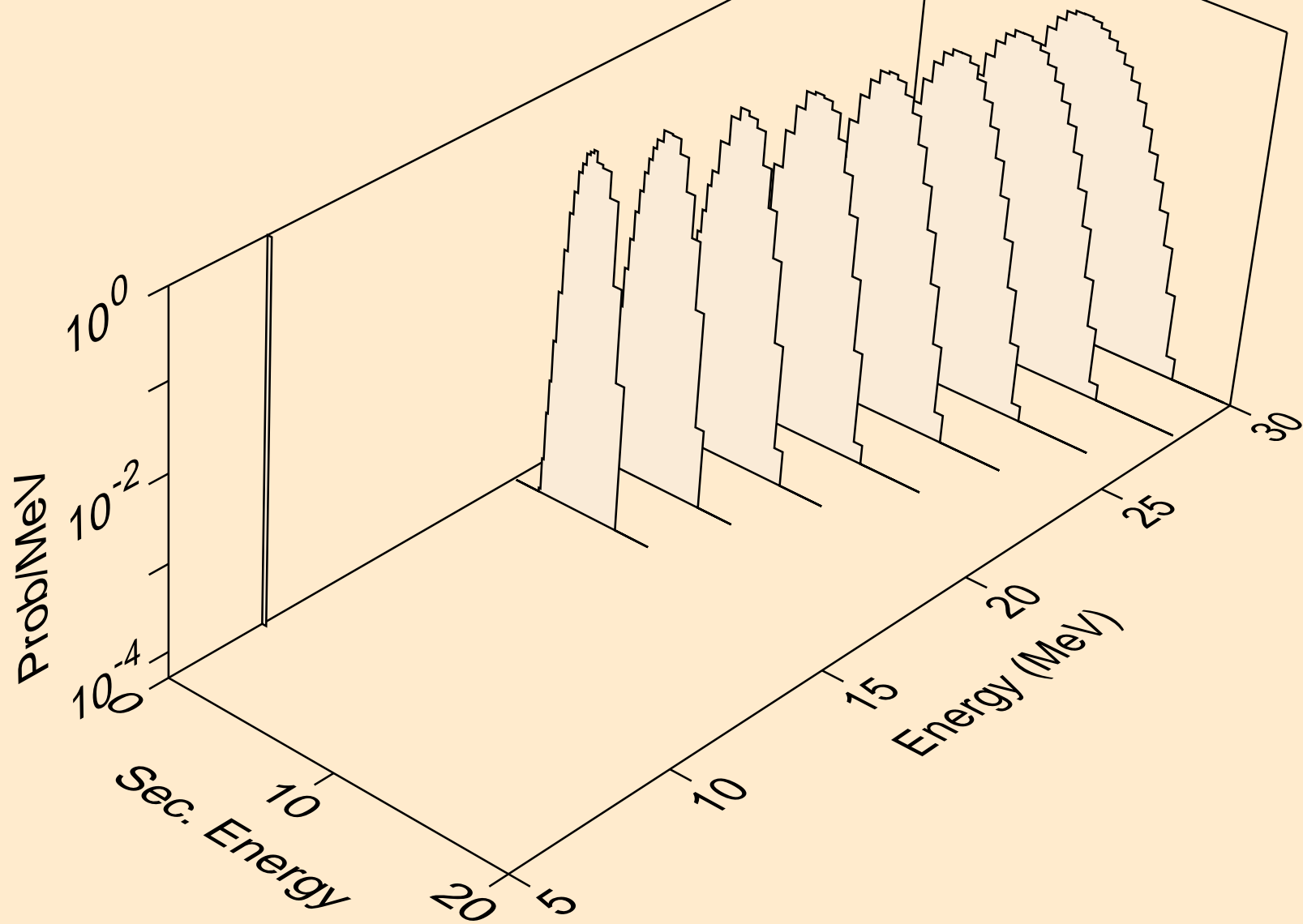
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protons from (s,2np)



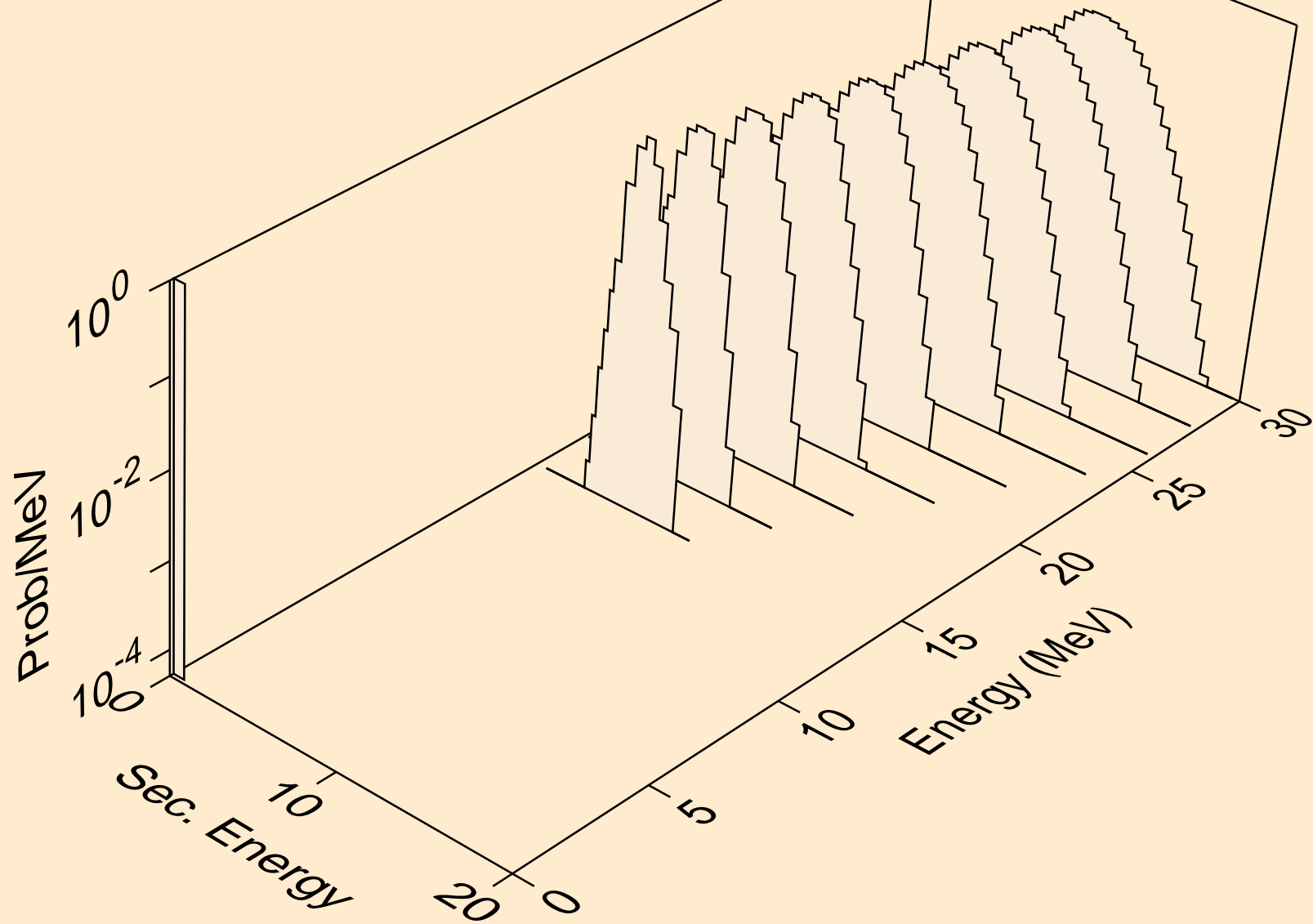
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protons from (s,3np)



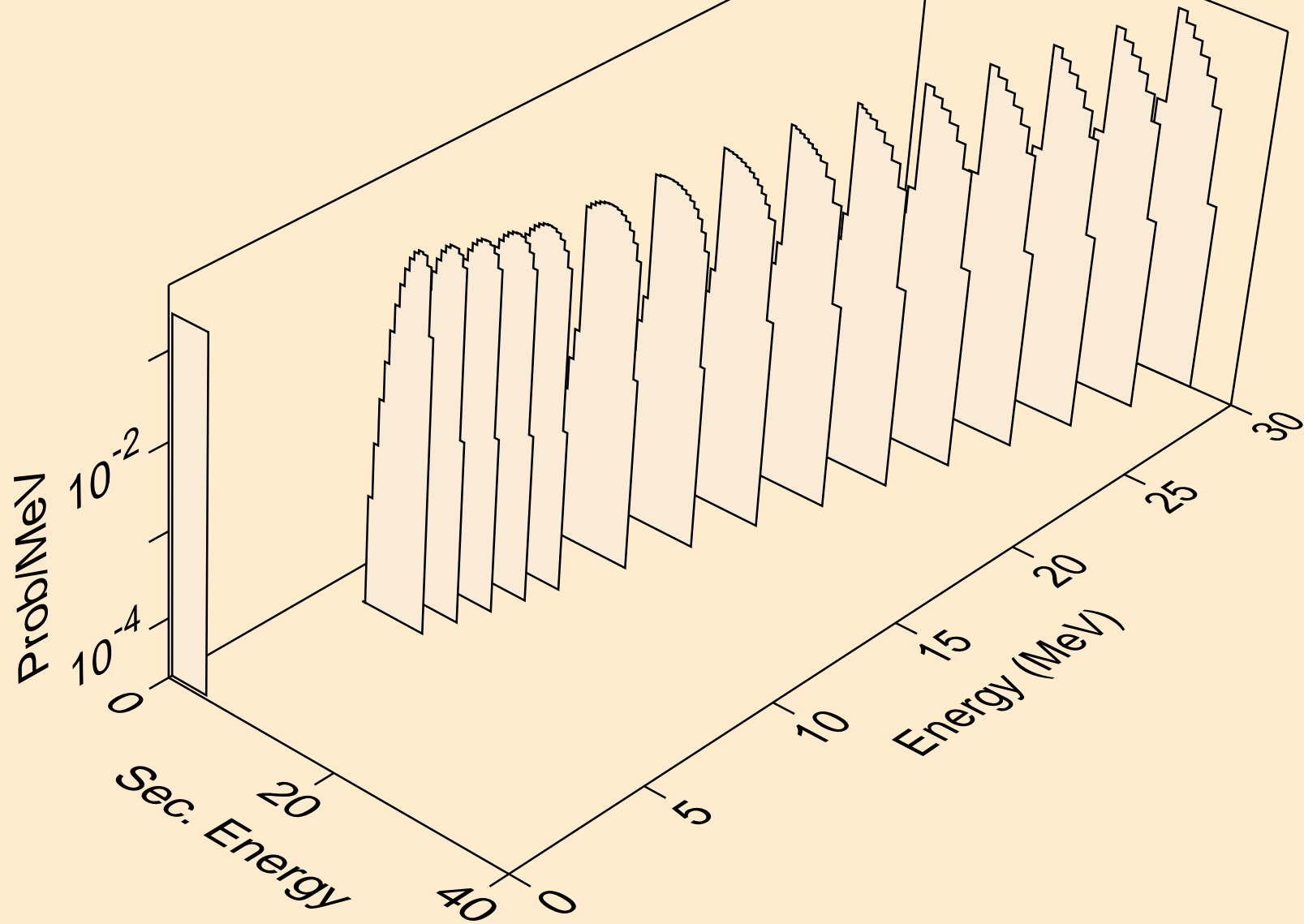
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



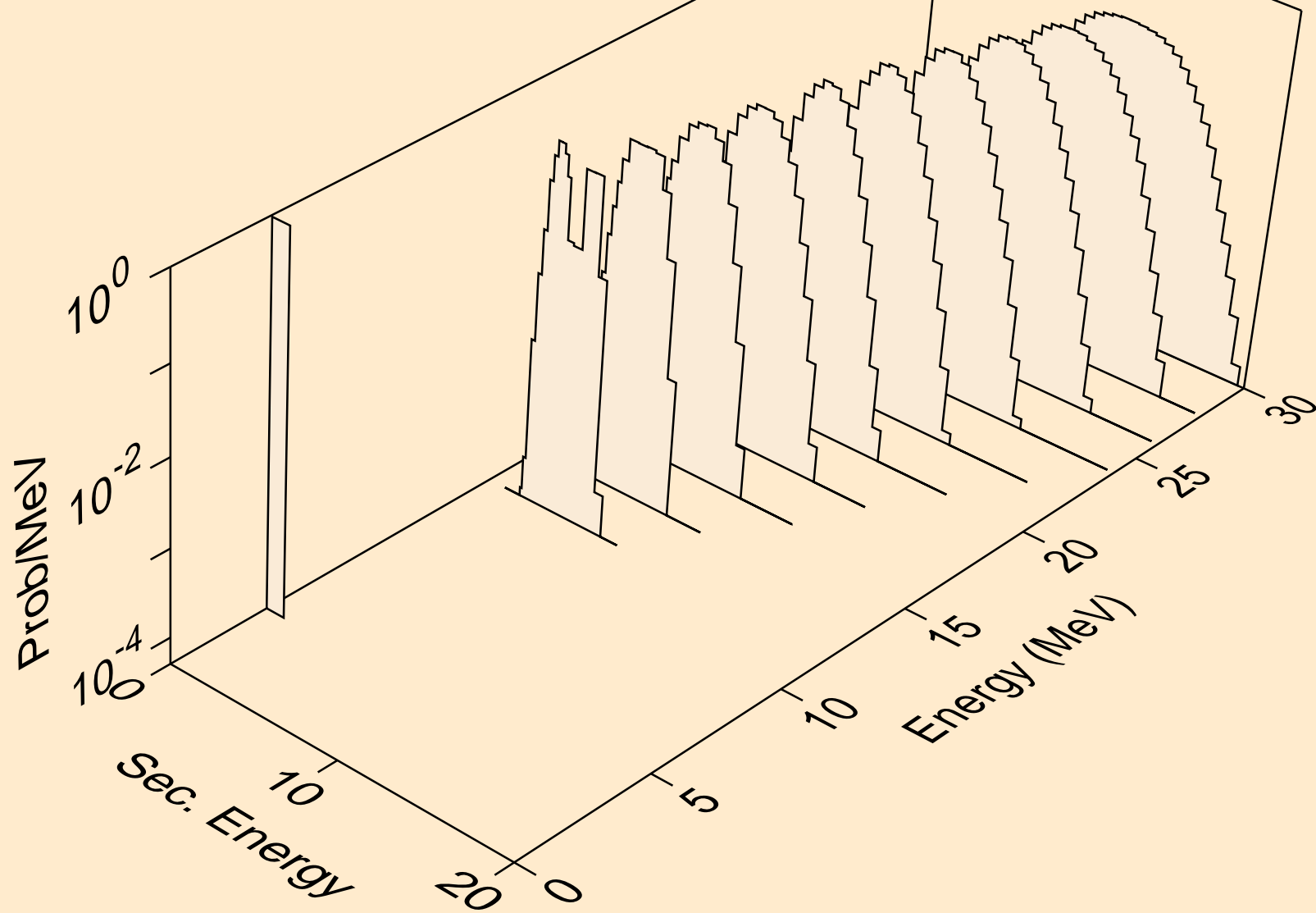
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



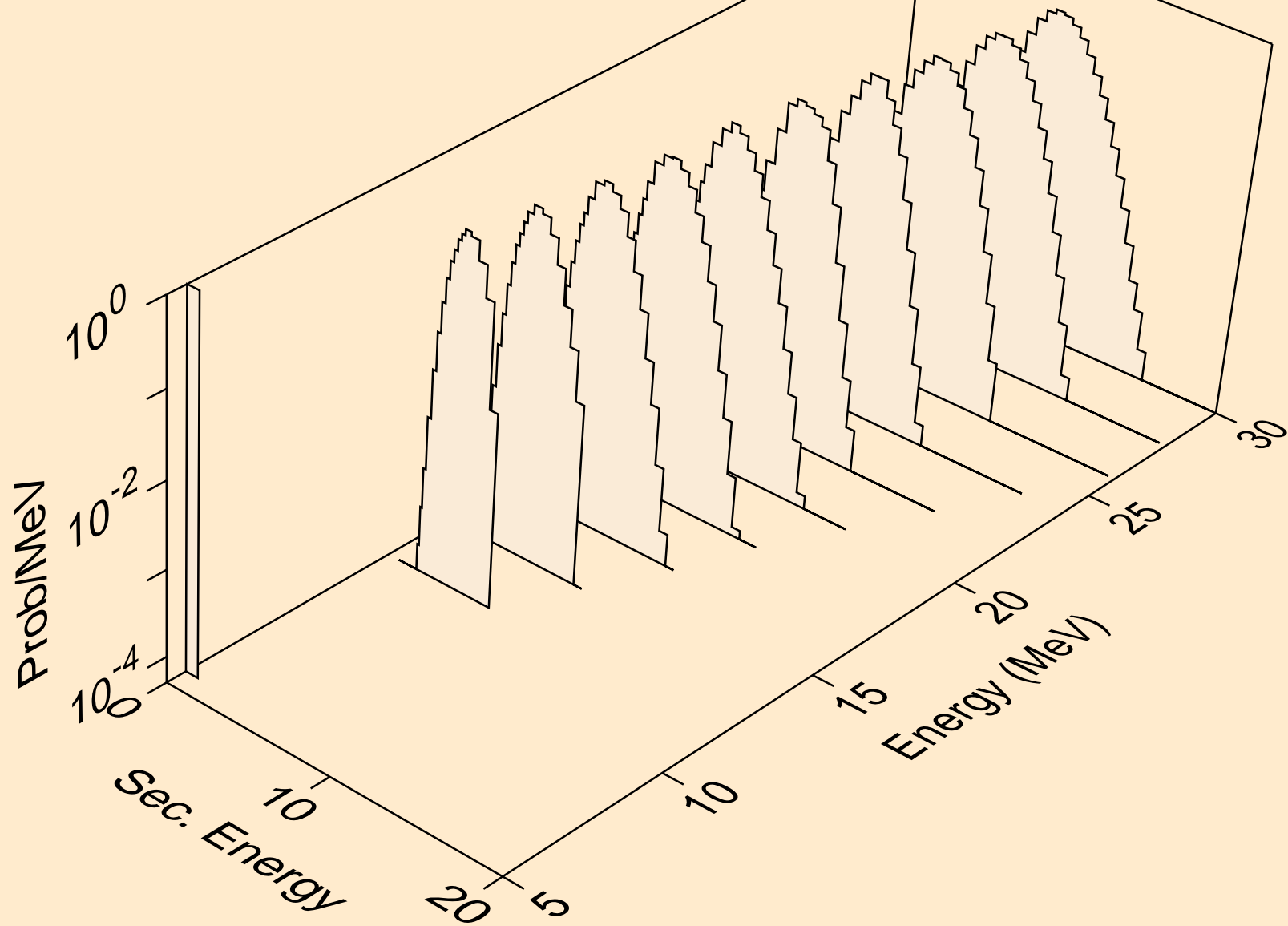
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



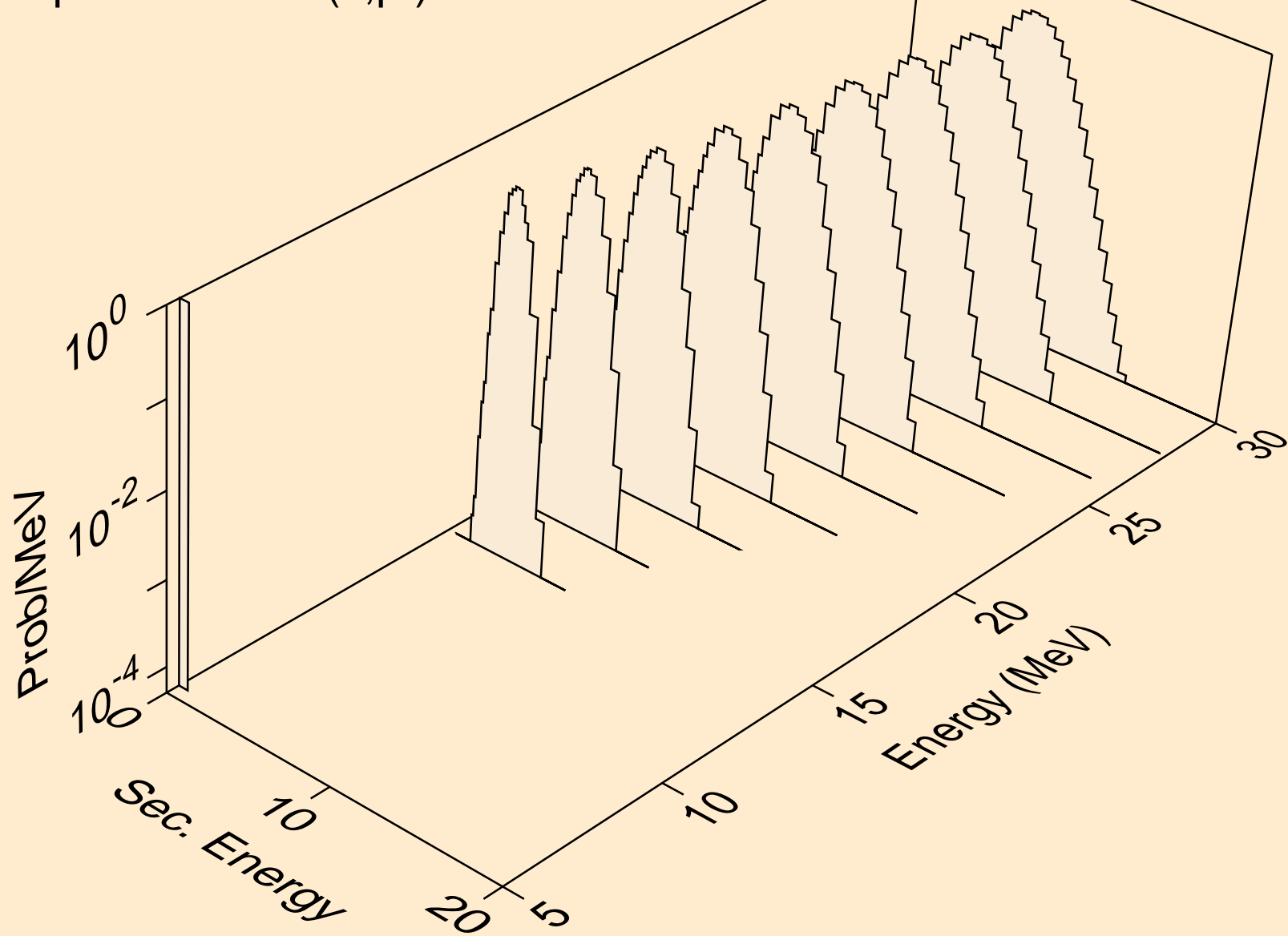
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)

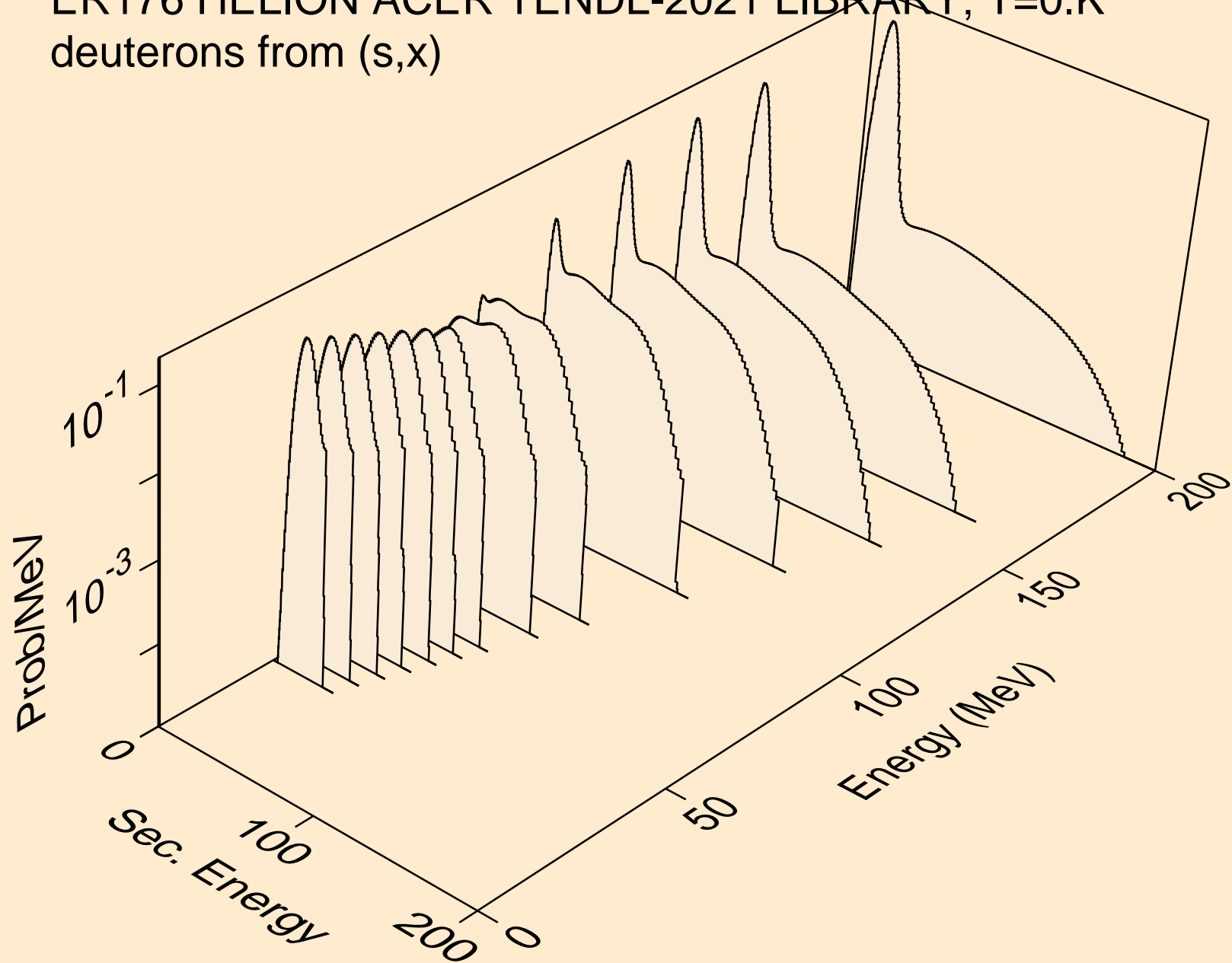


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

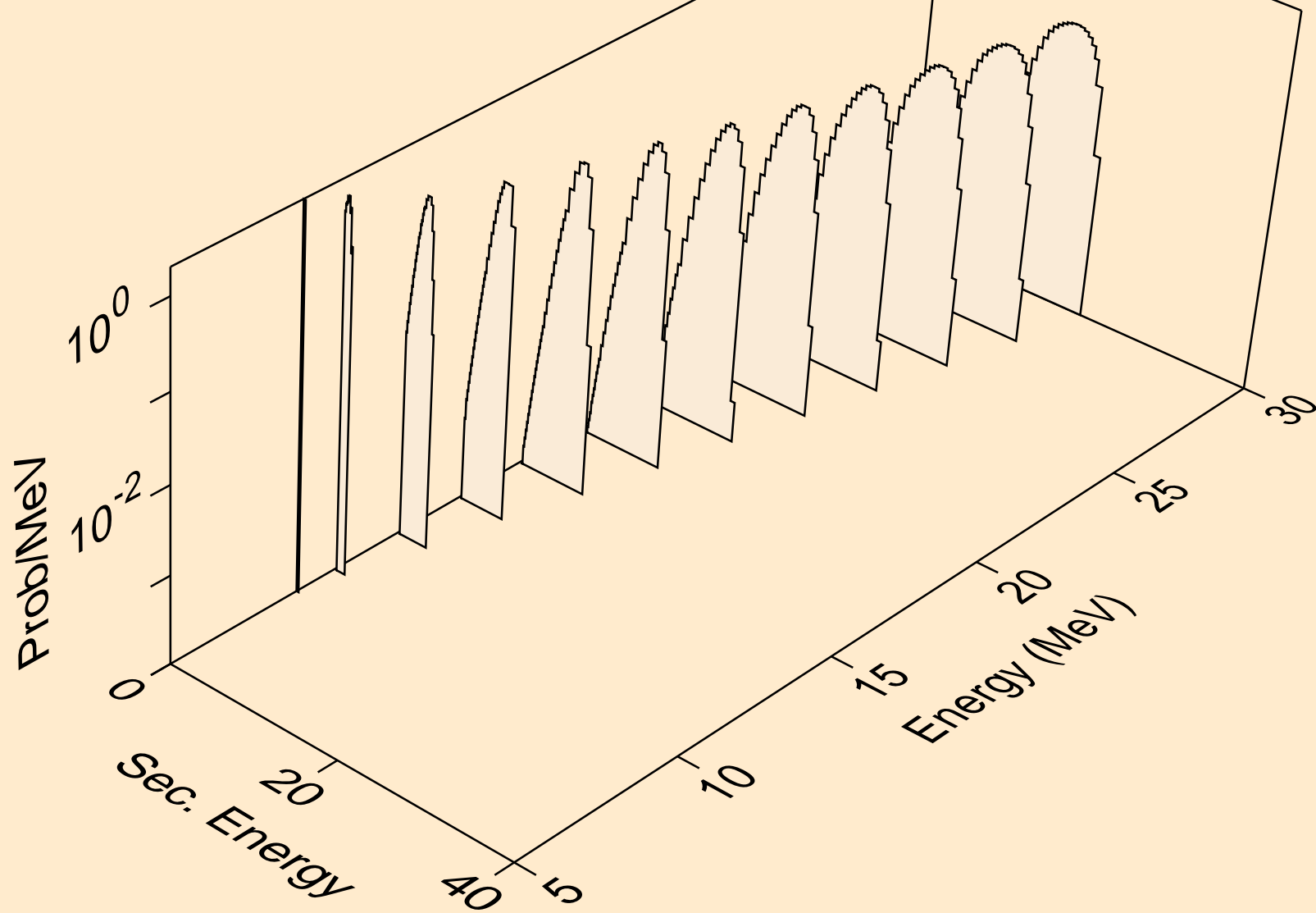




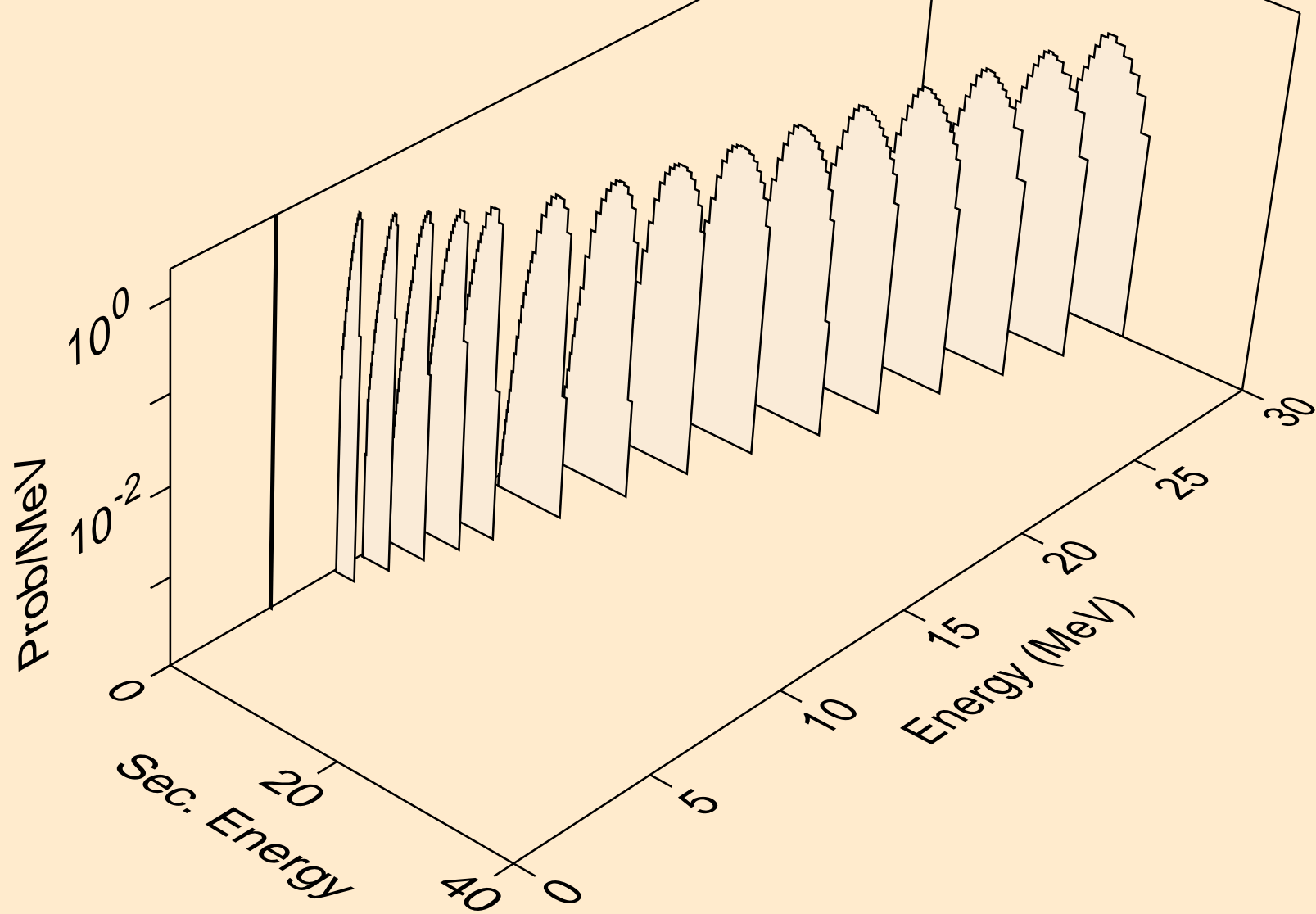
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



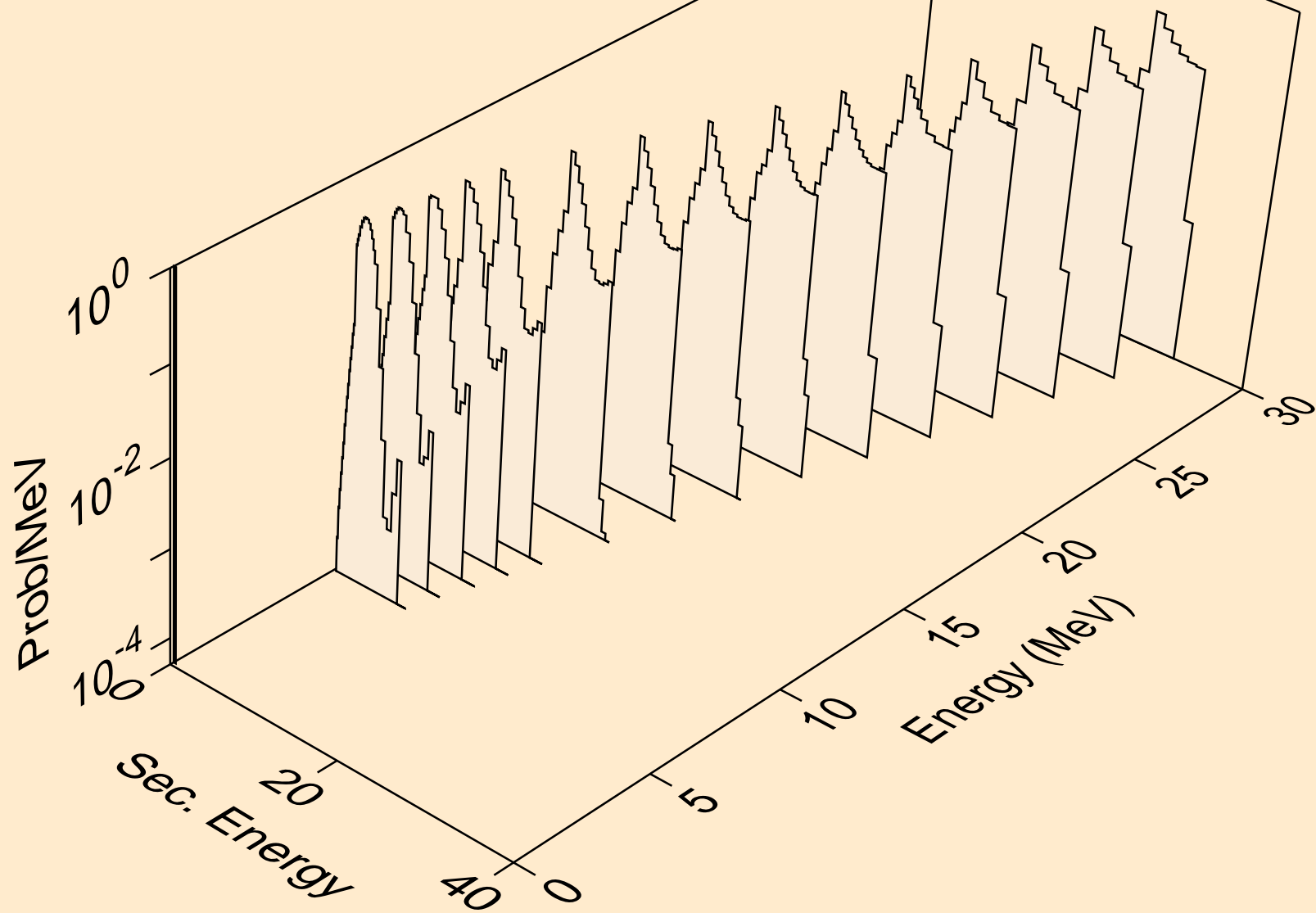
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)



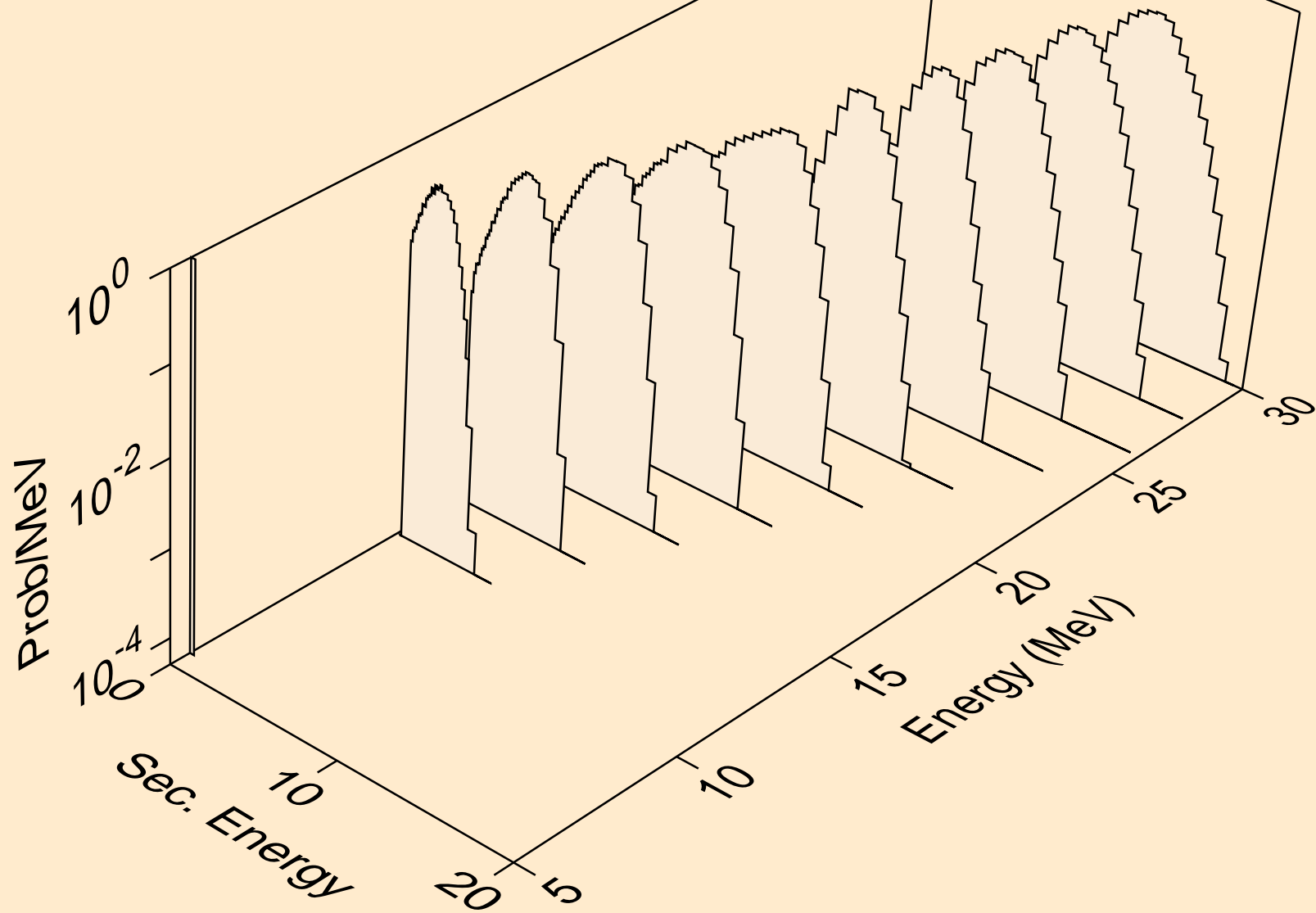
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



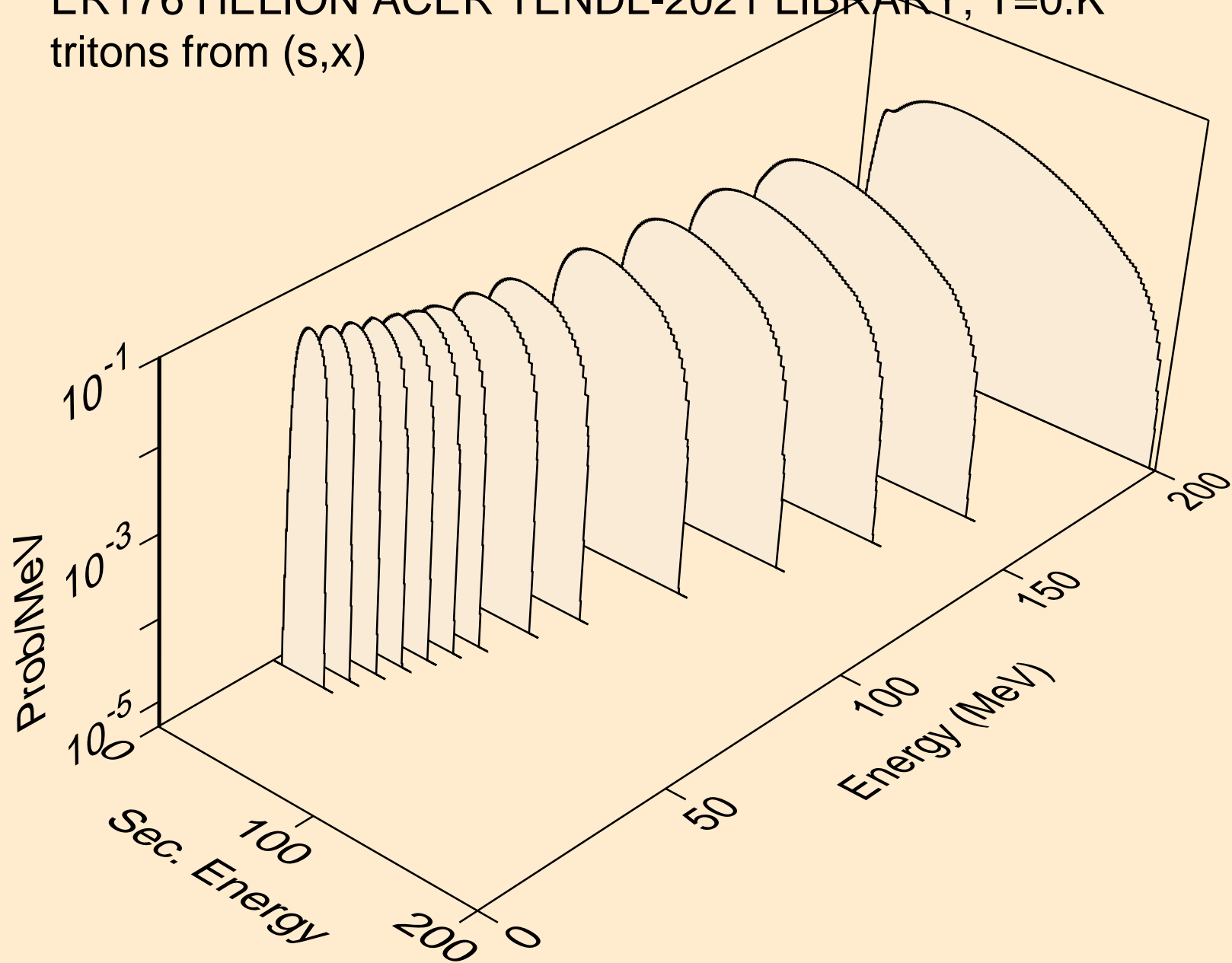
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



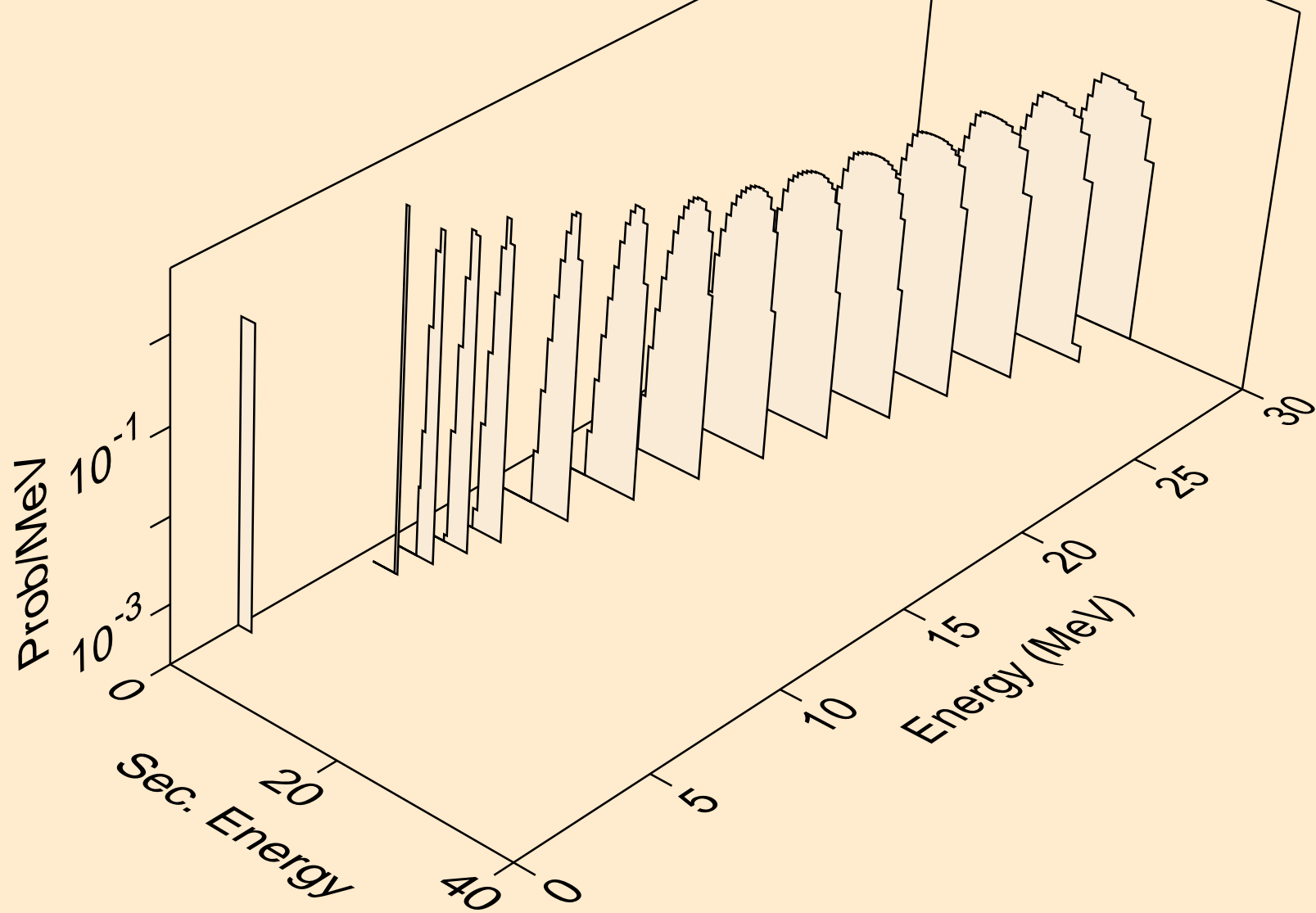
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



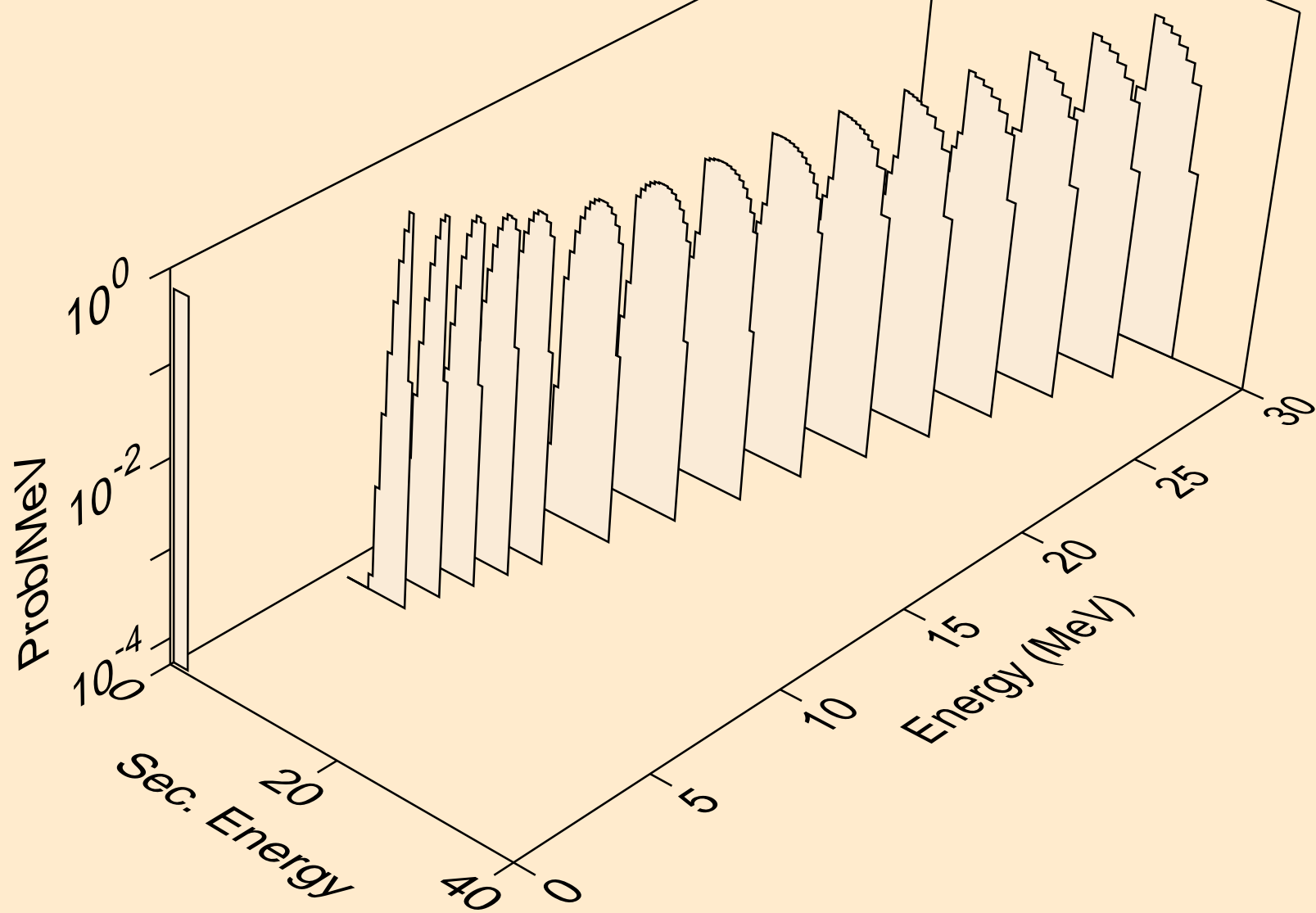
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

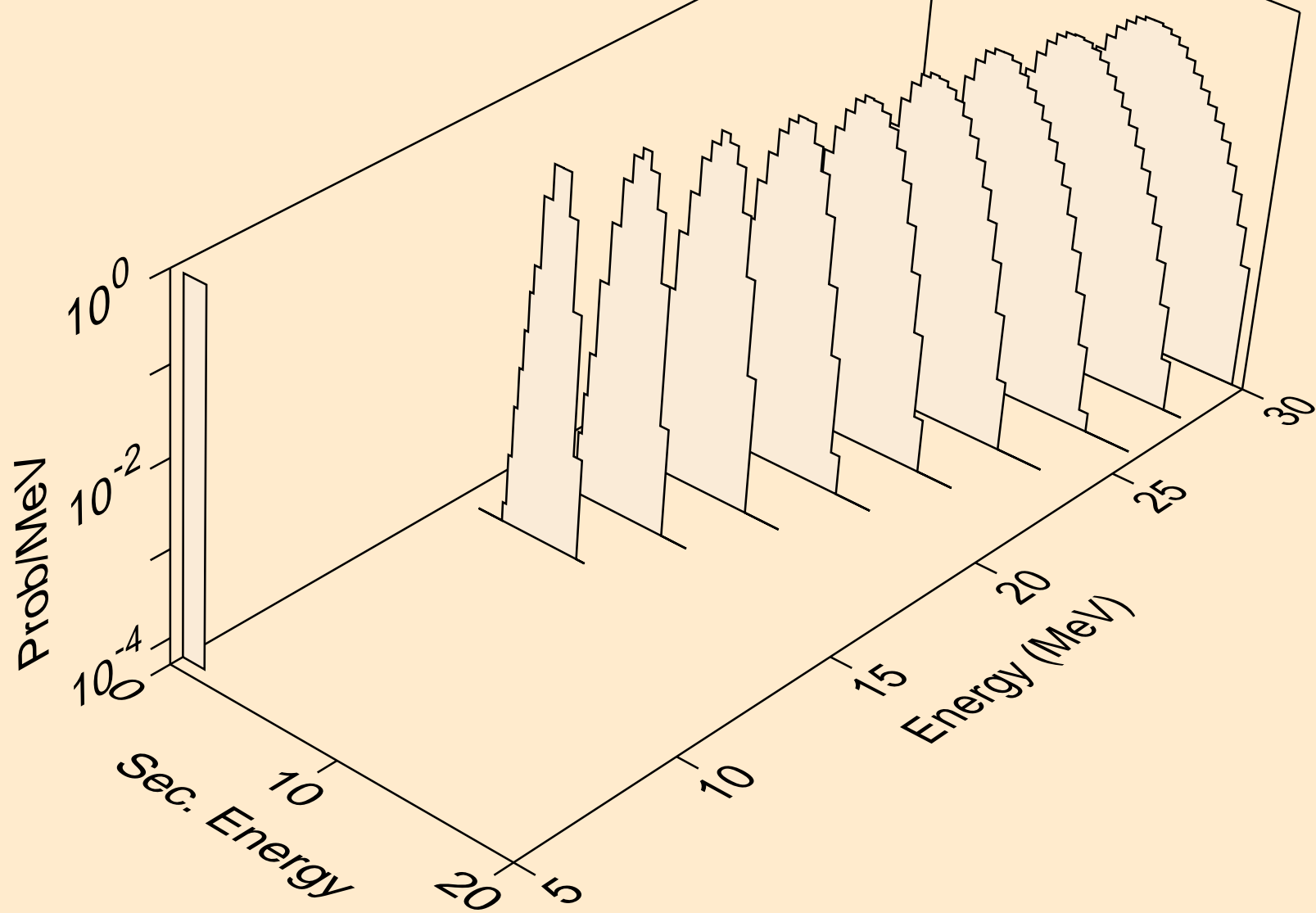


ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

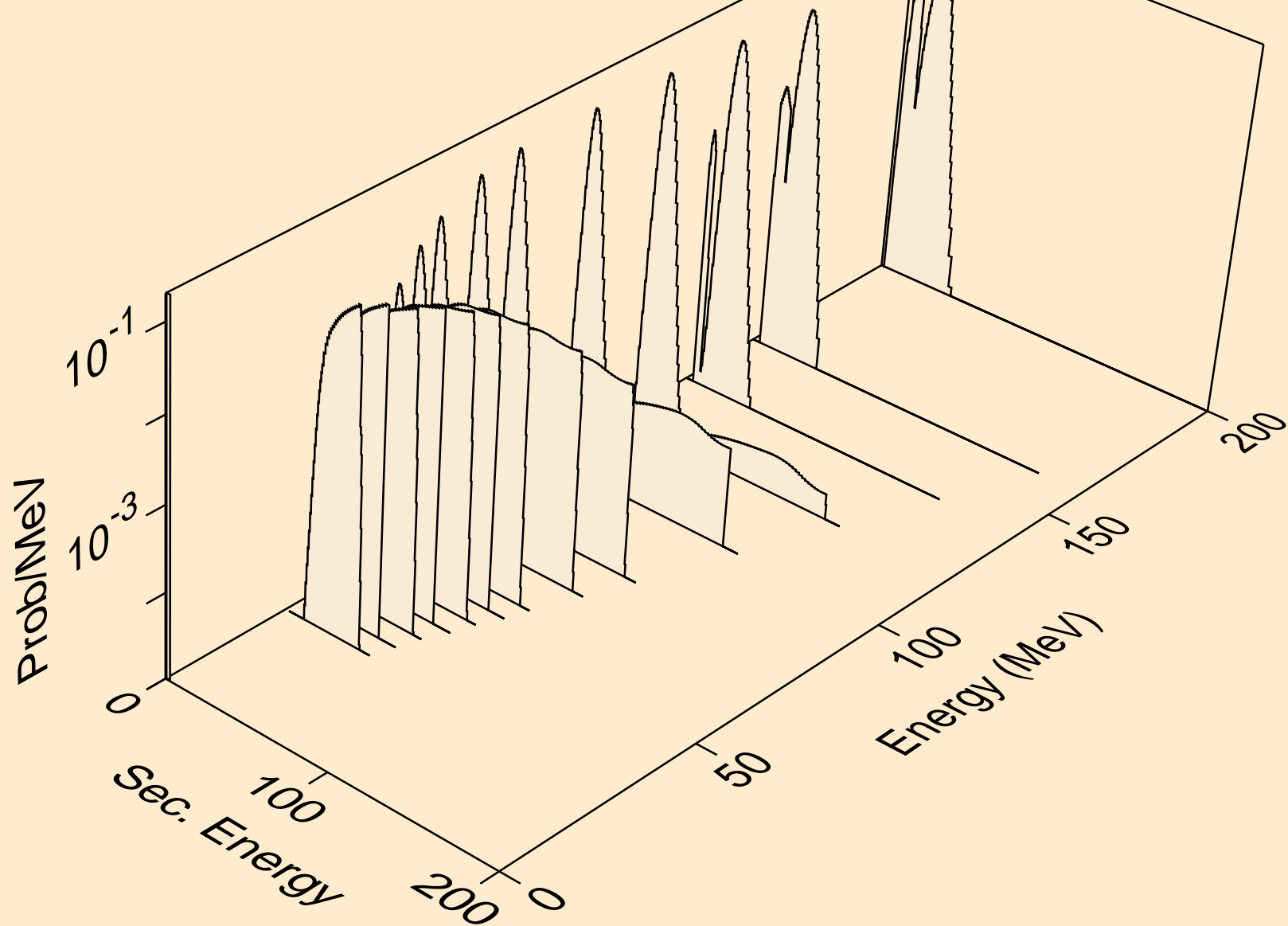




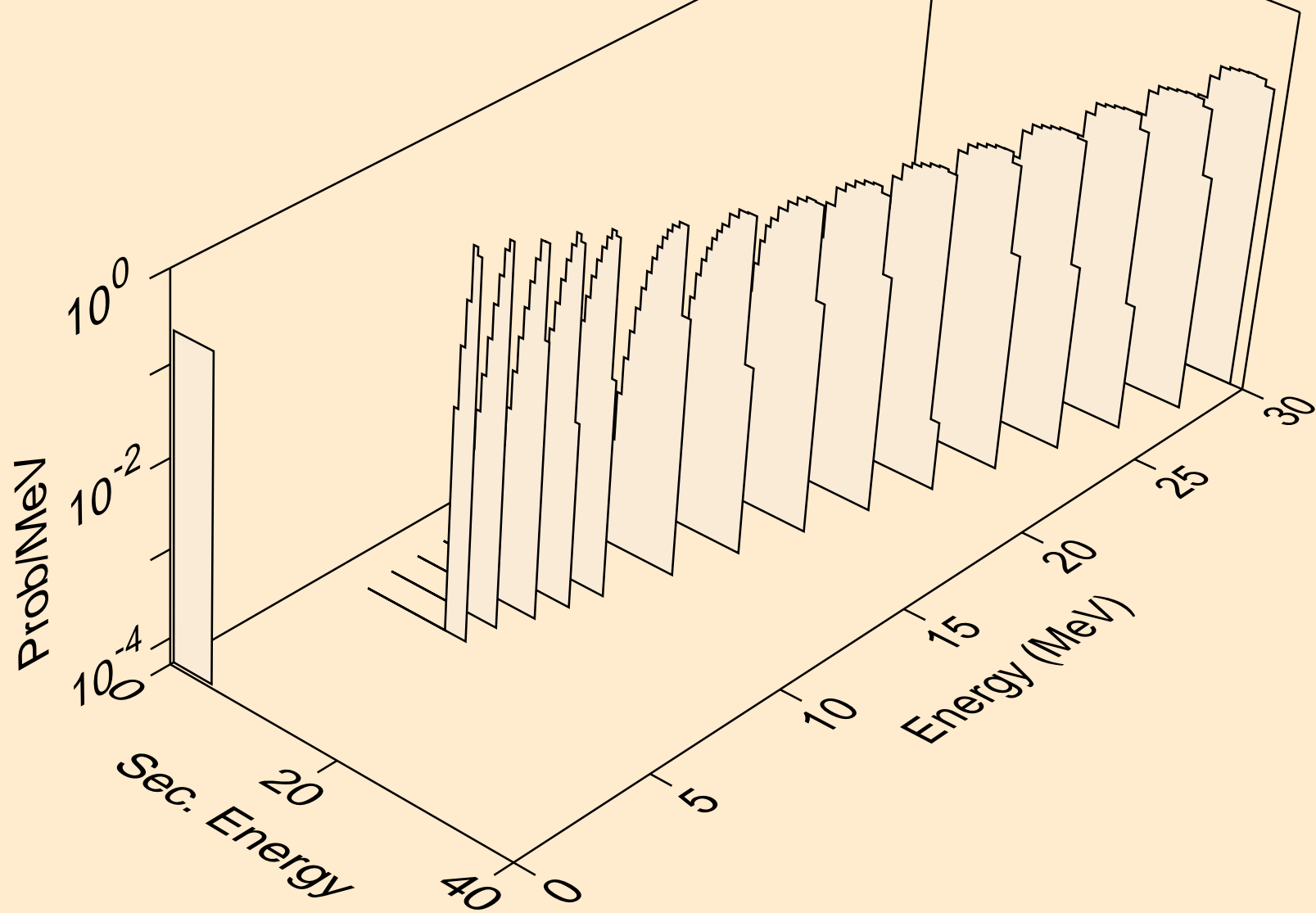
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



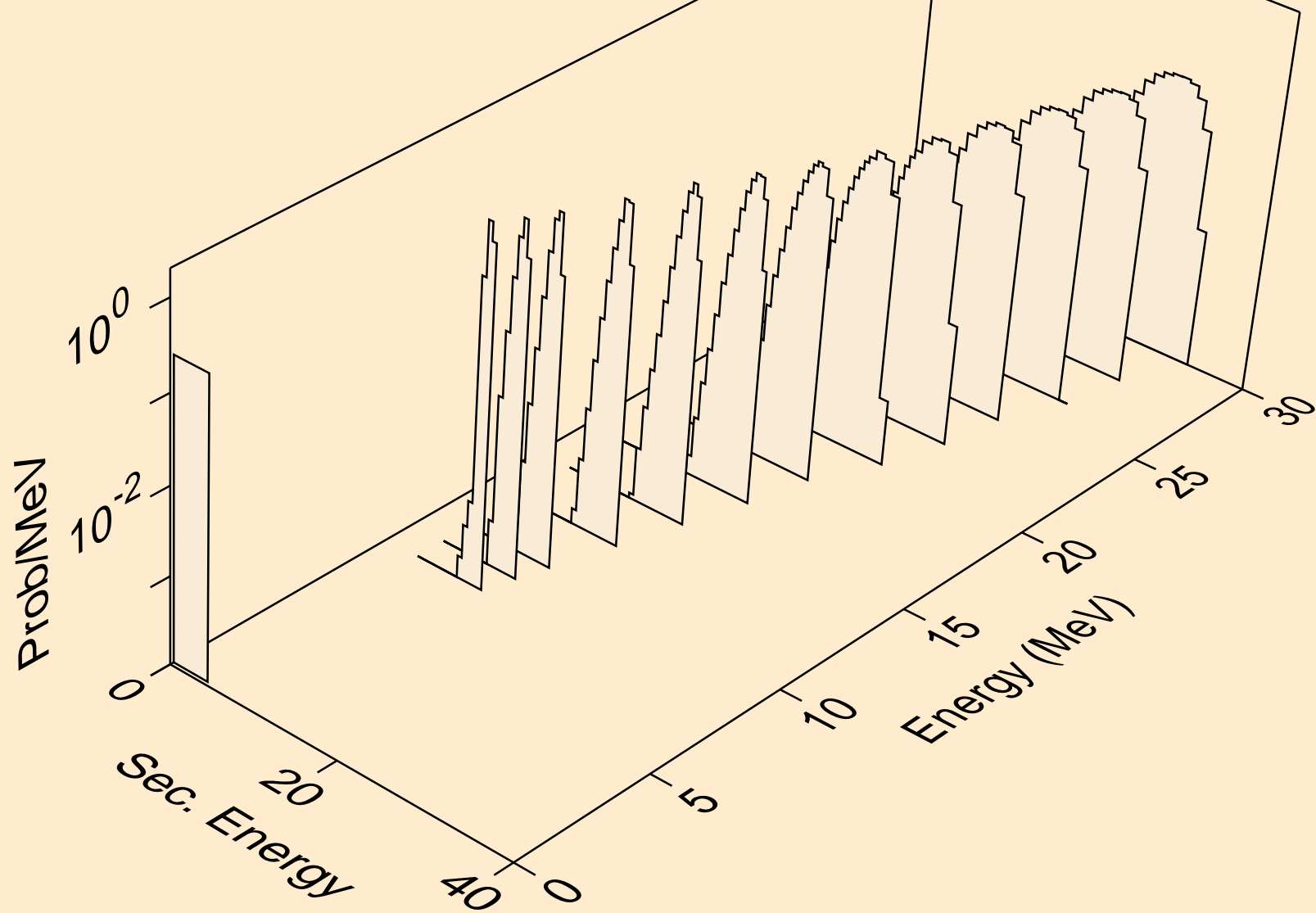
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



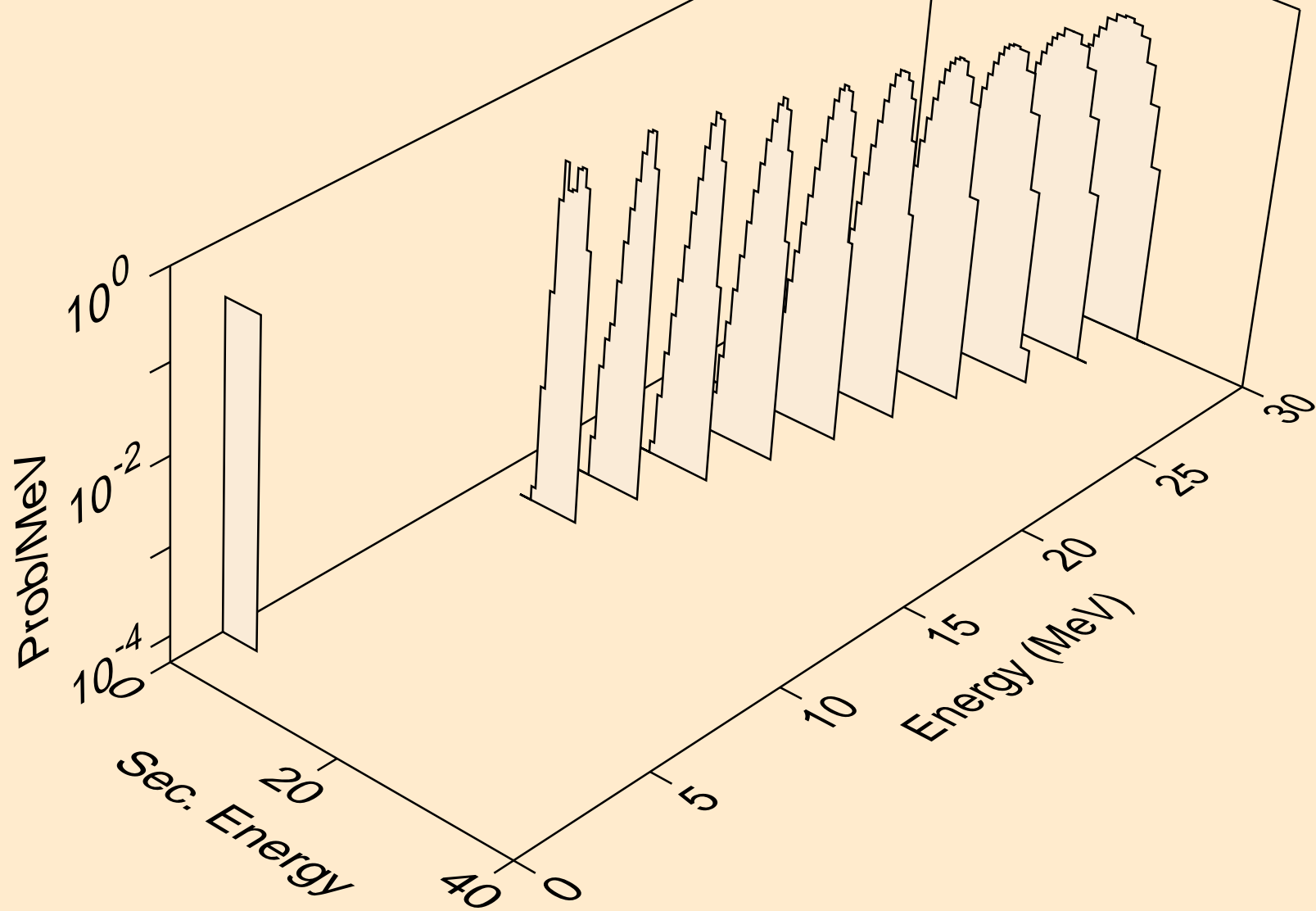
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



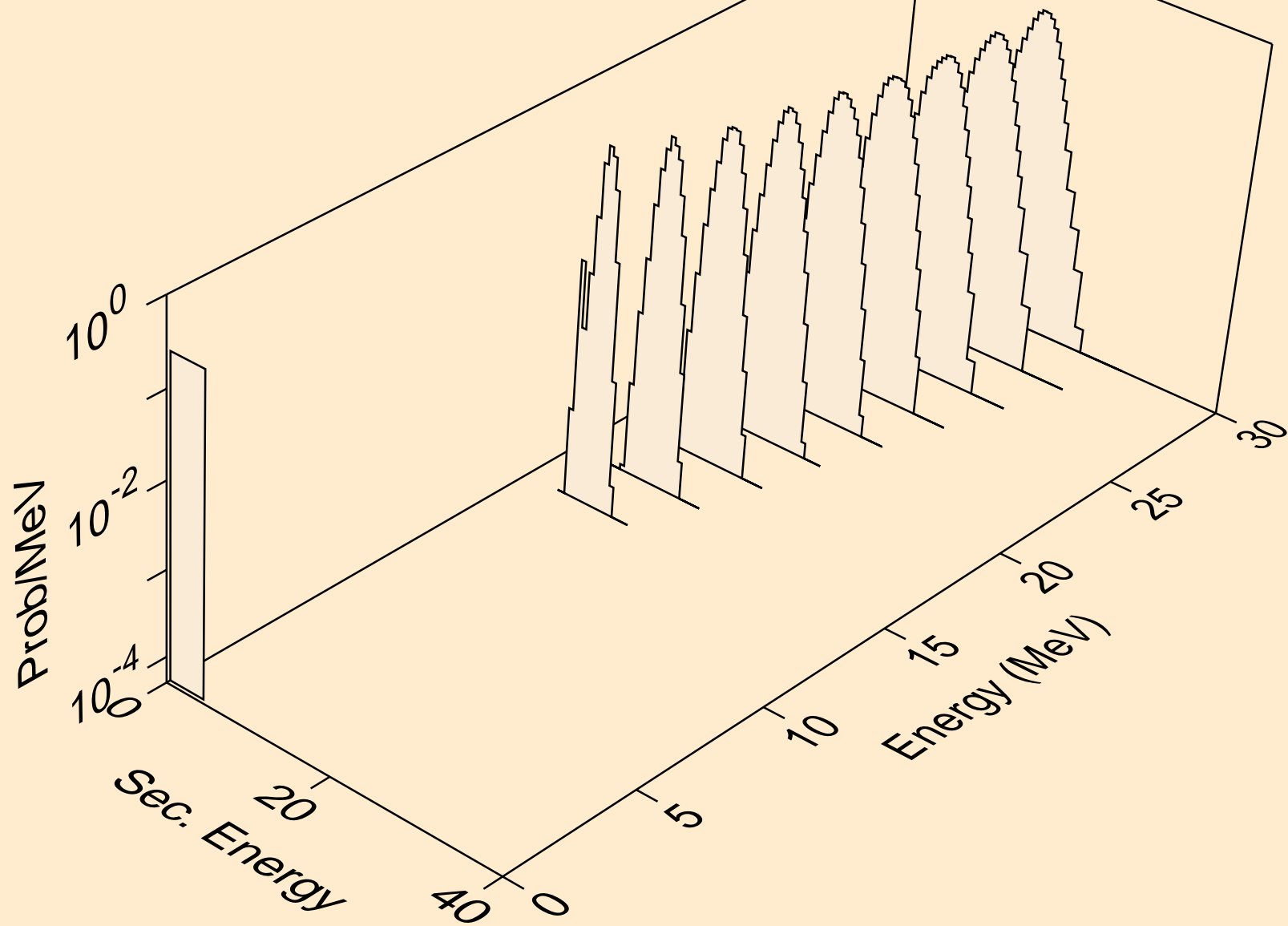
ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



ER176 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

