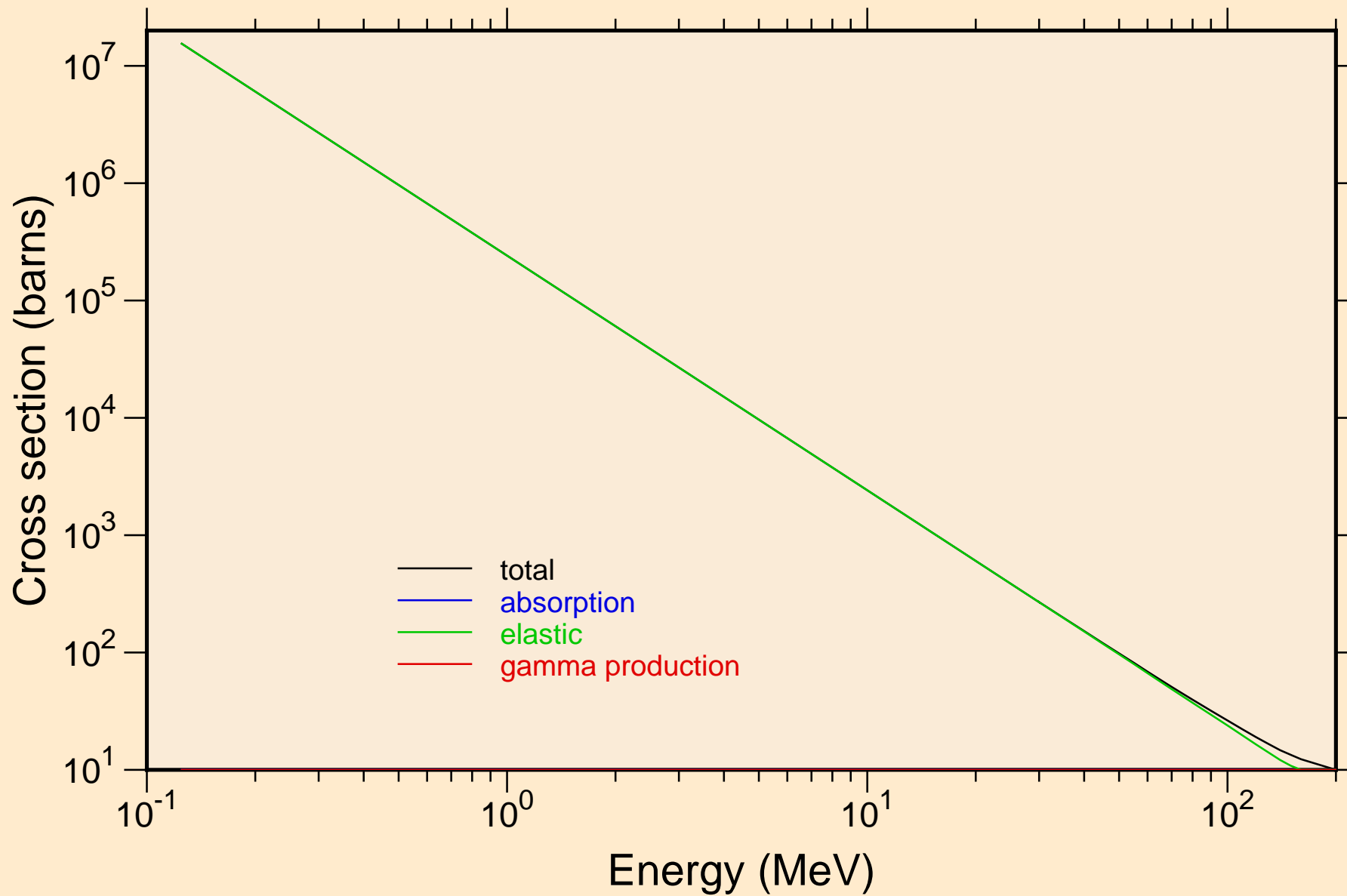
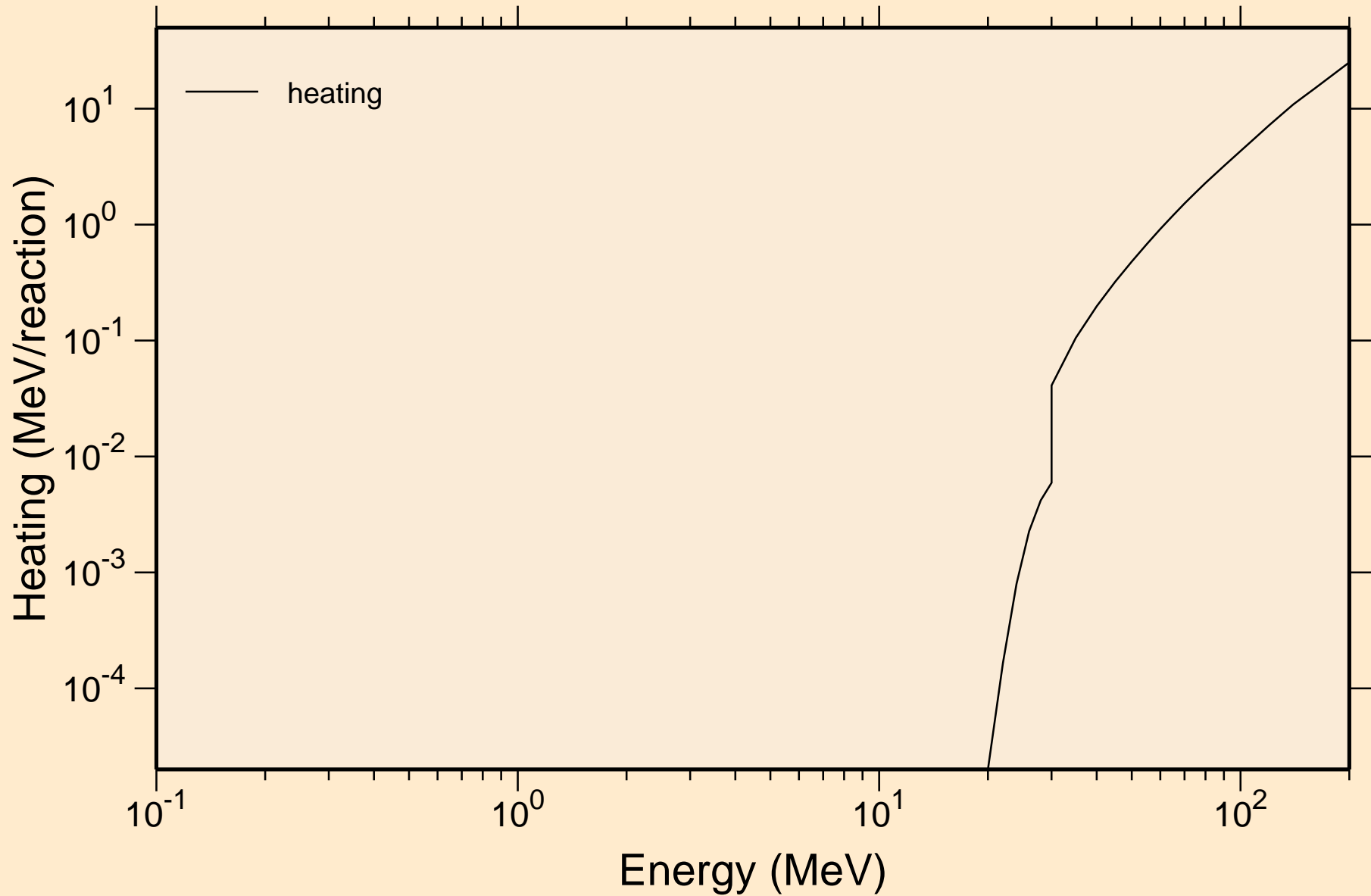


CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



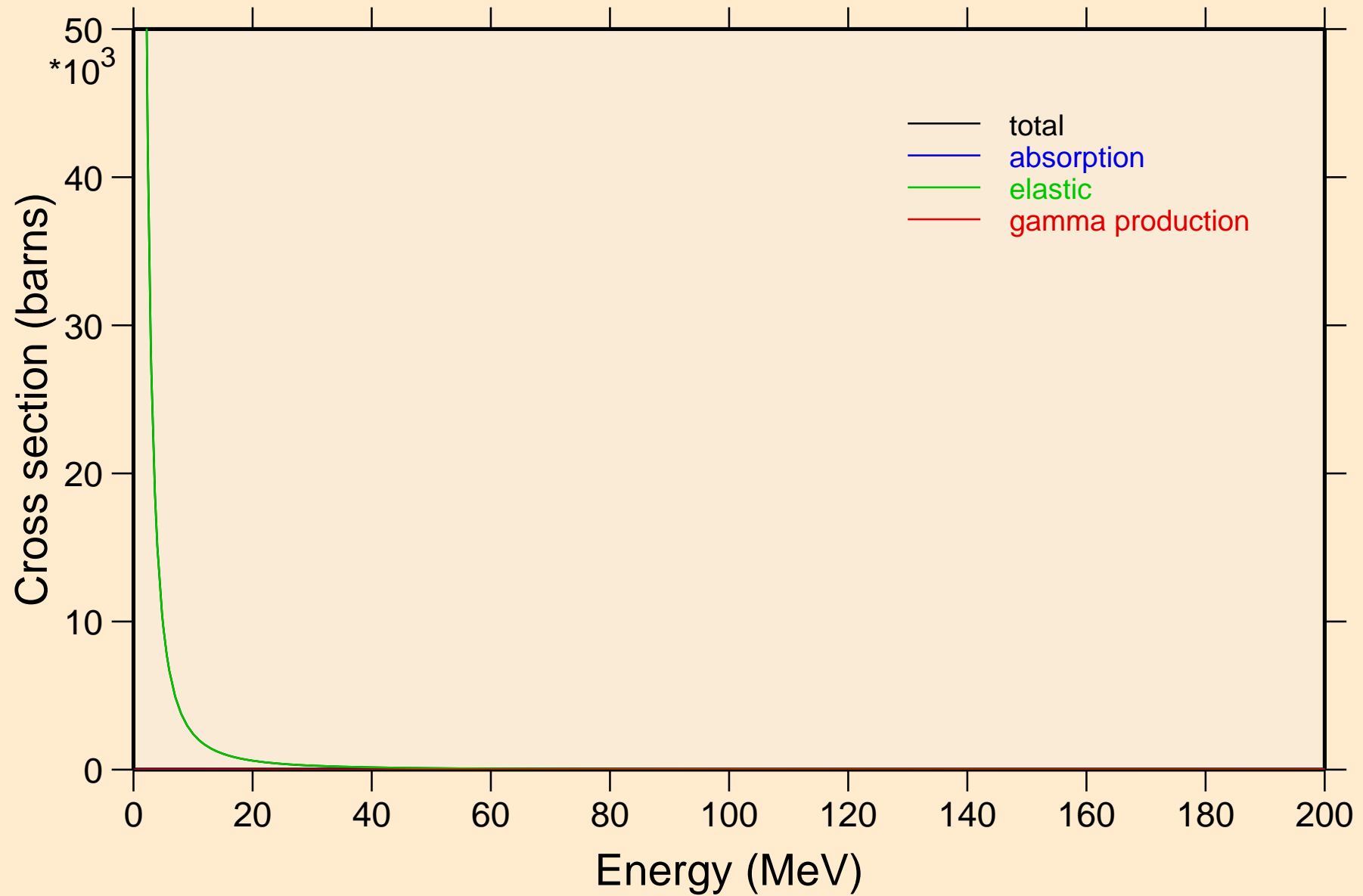
# CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



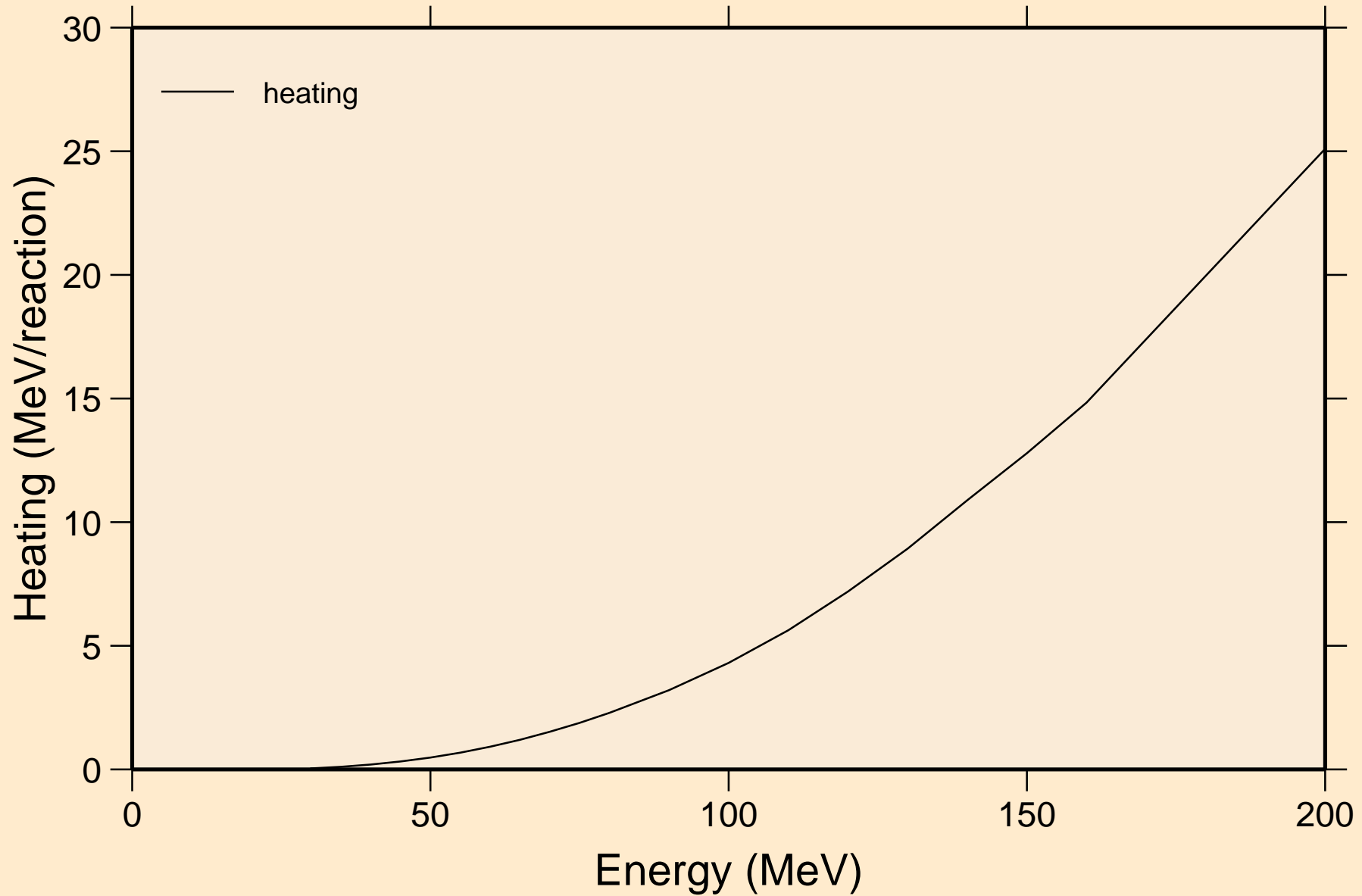
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## Principal cross sections

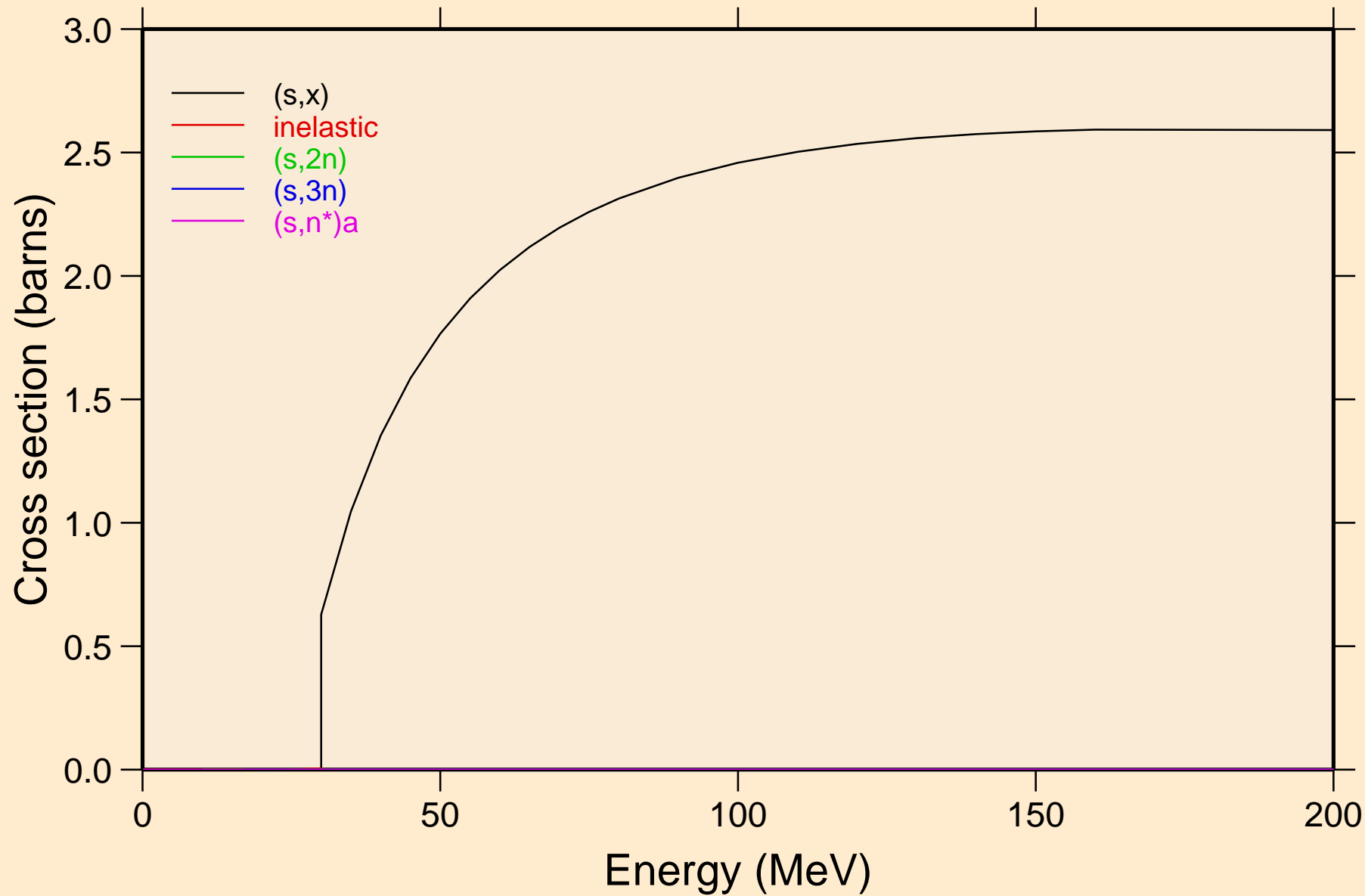


CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K

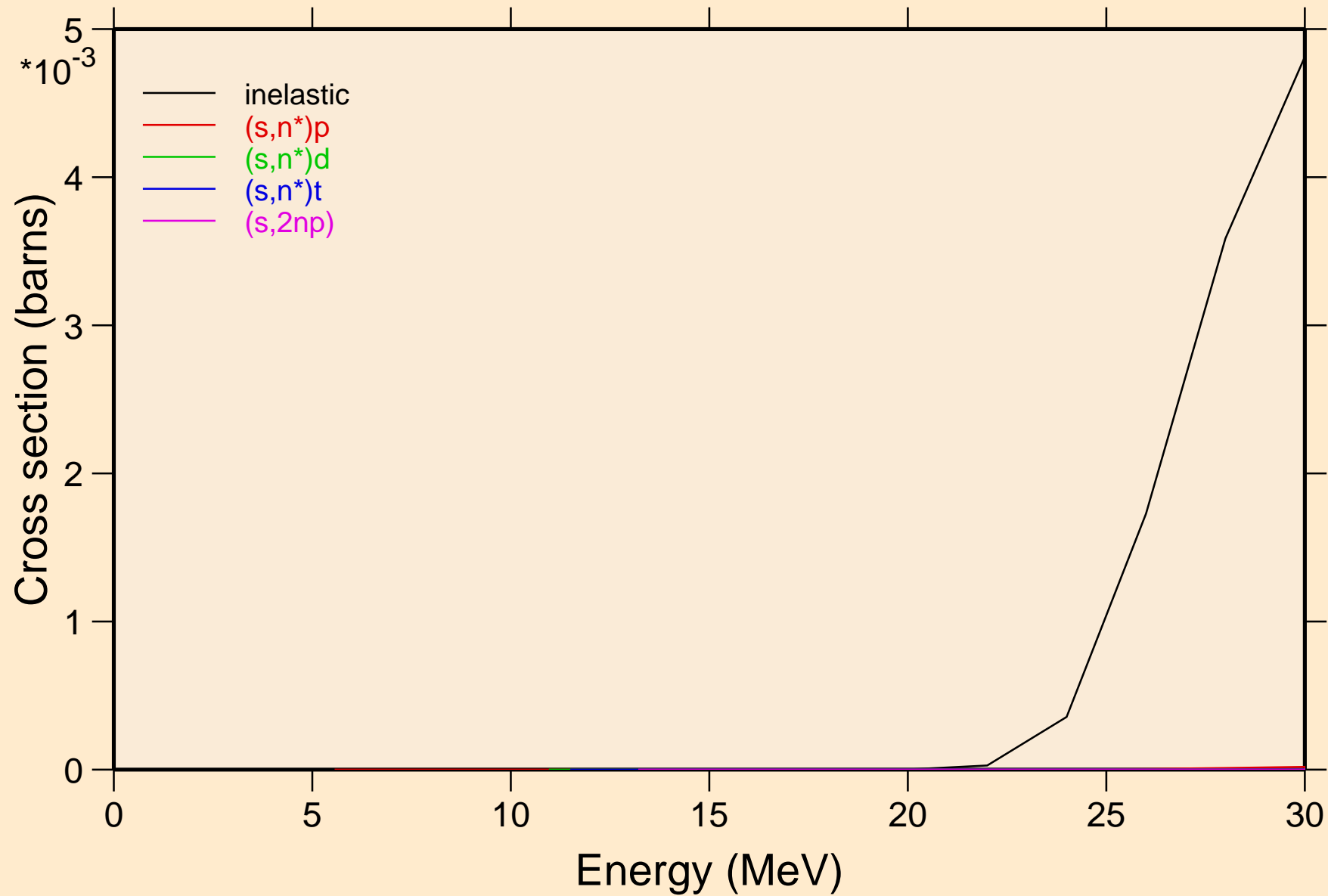
Heating



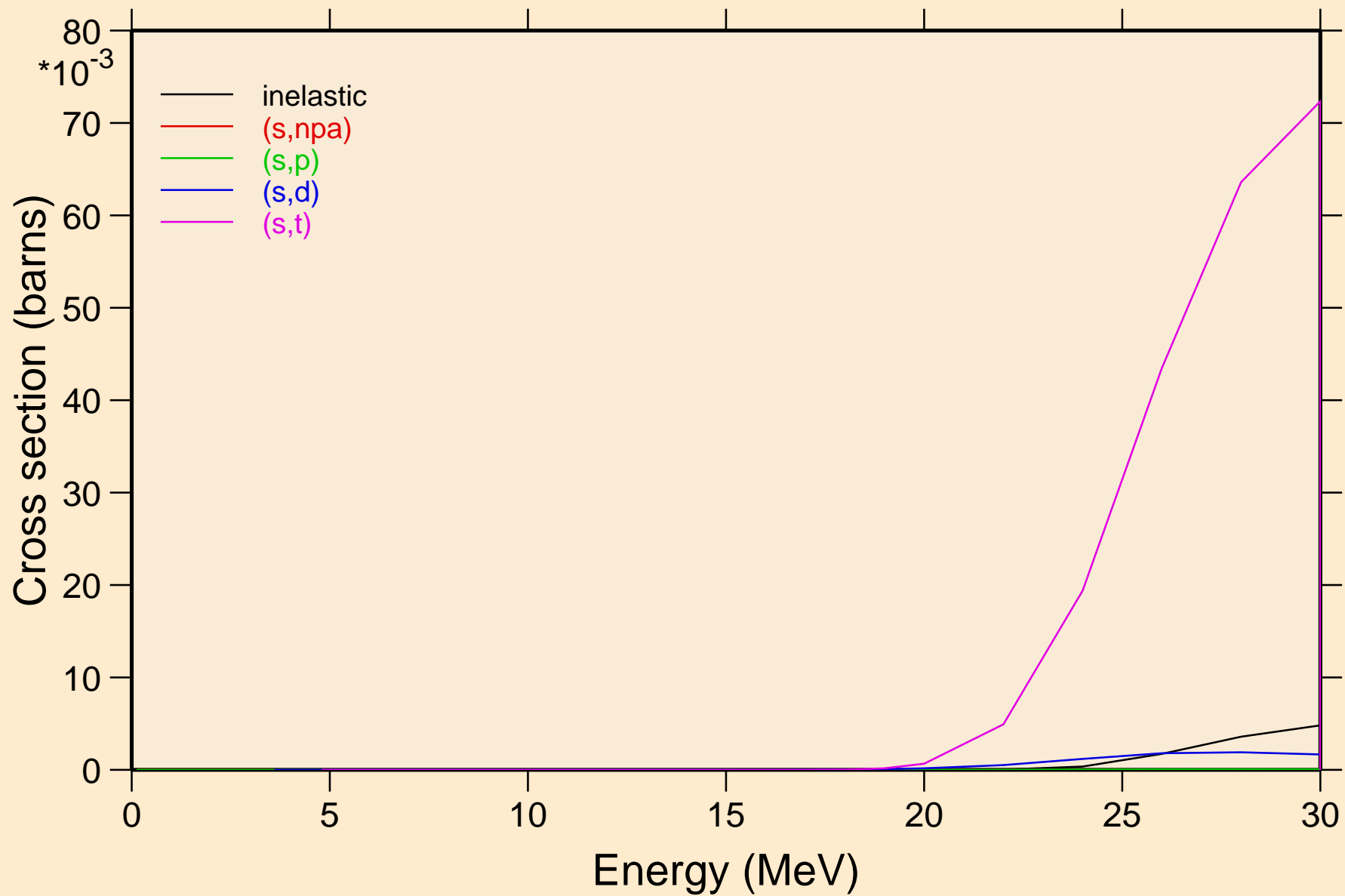
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



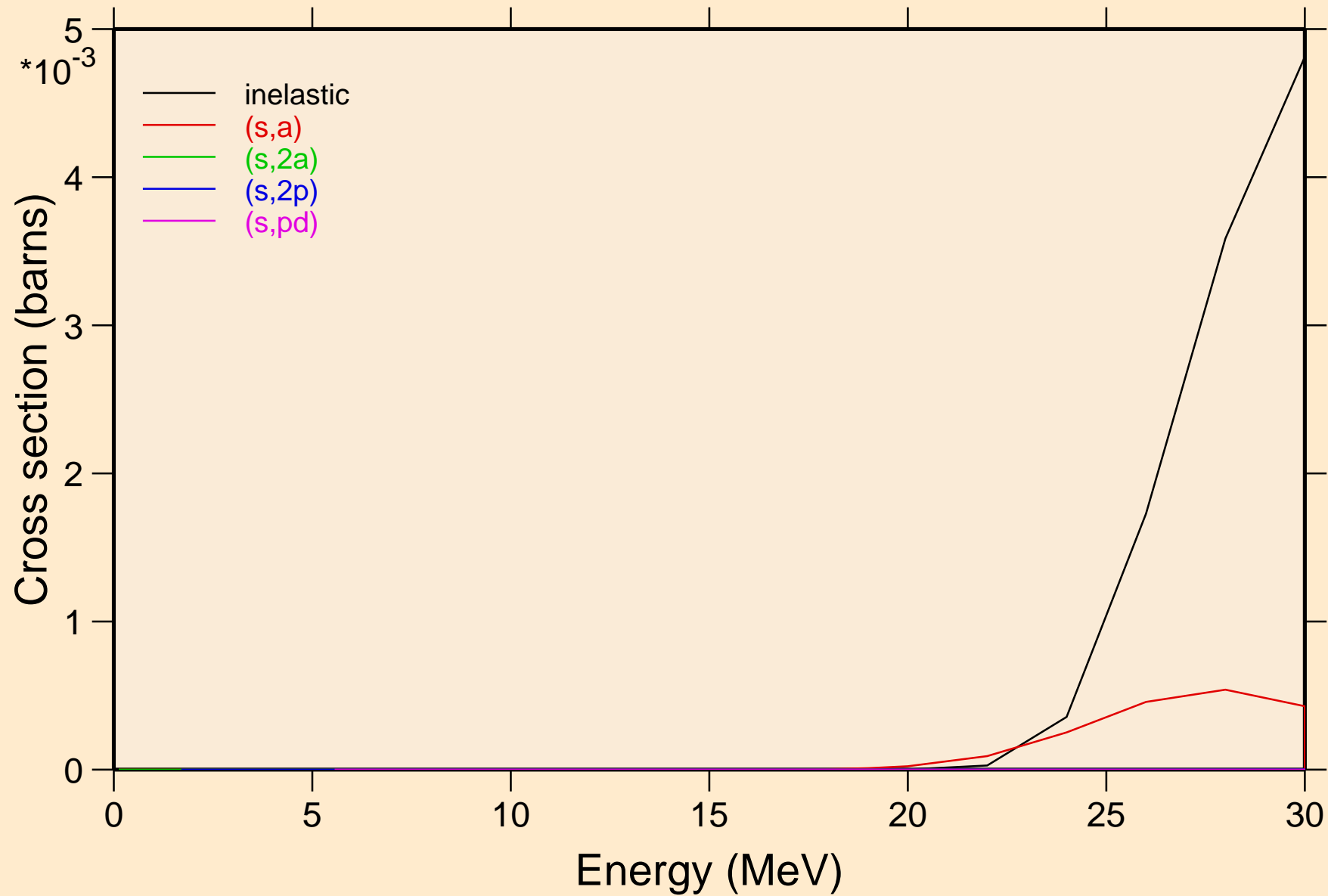
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

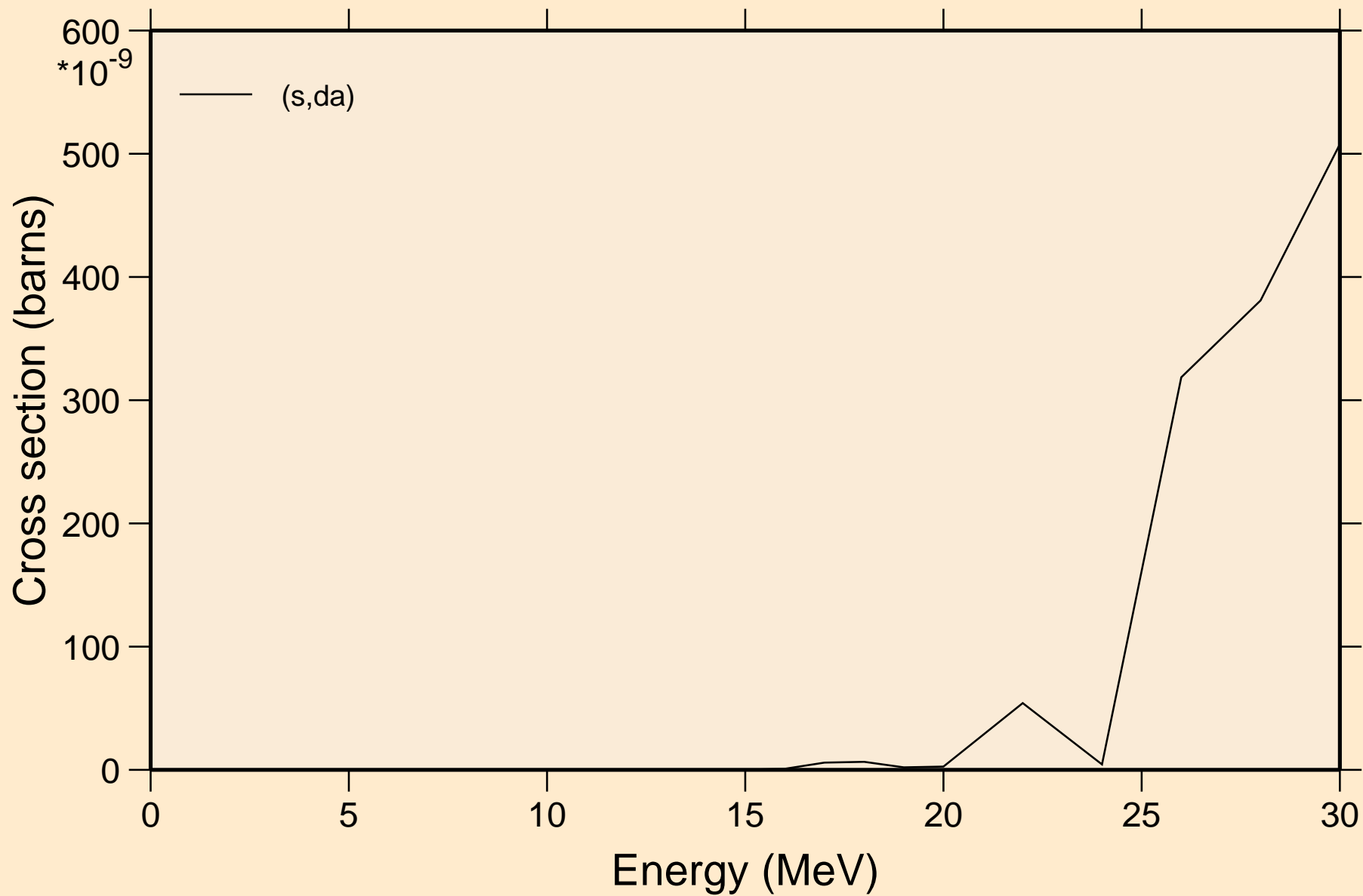


CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

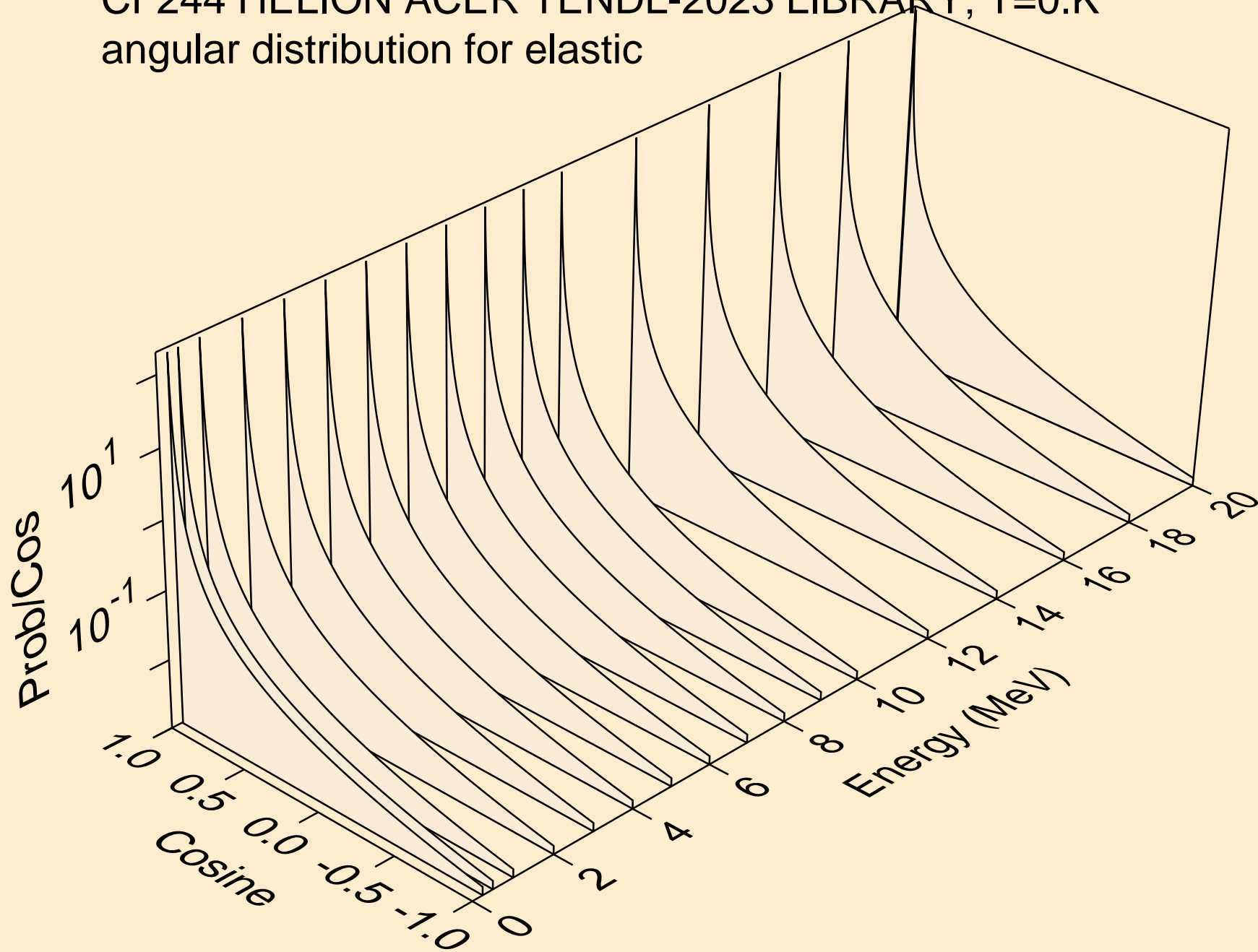




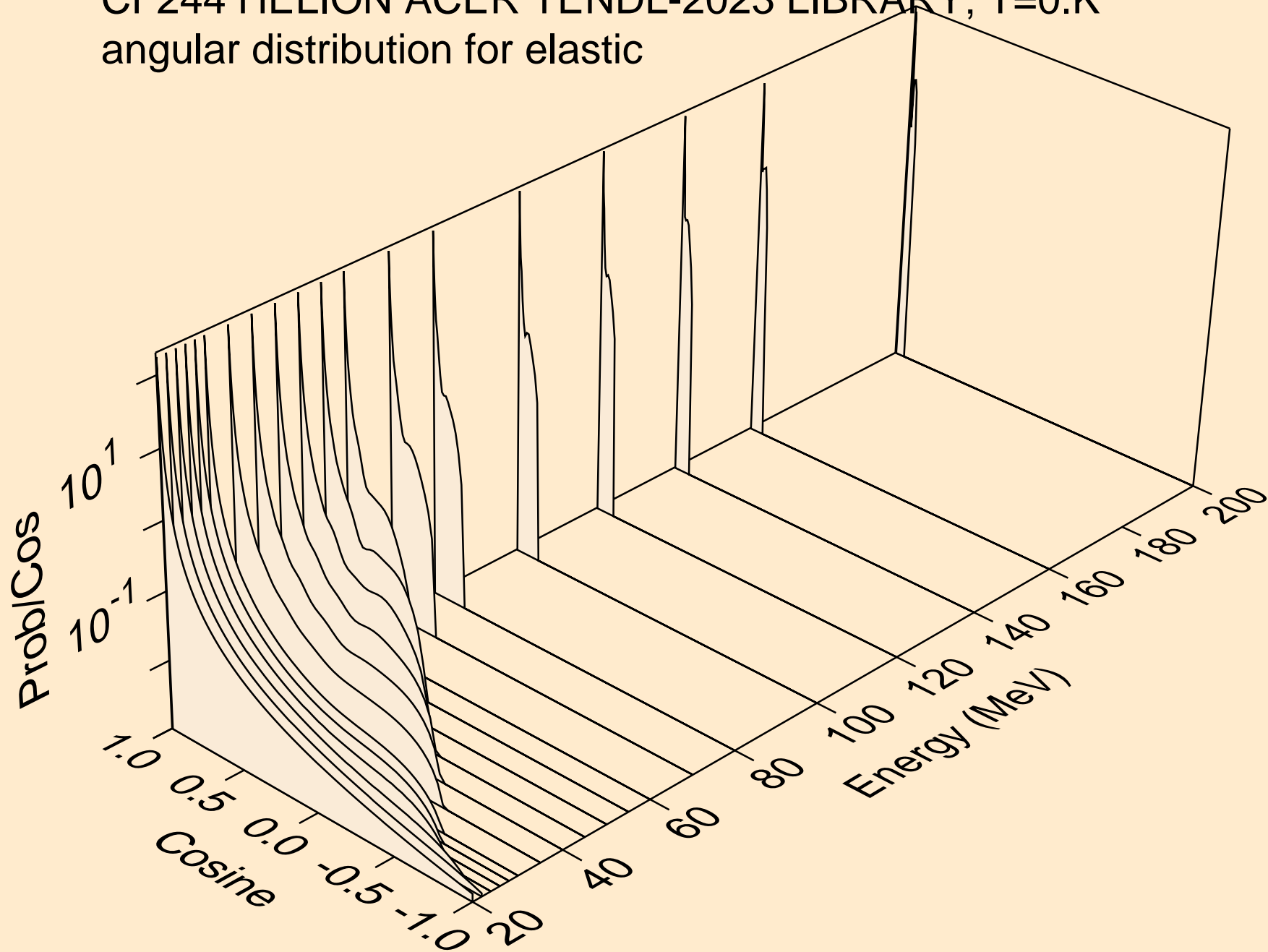
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



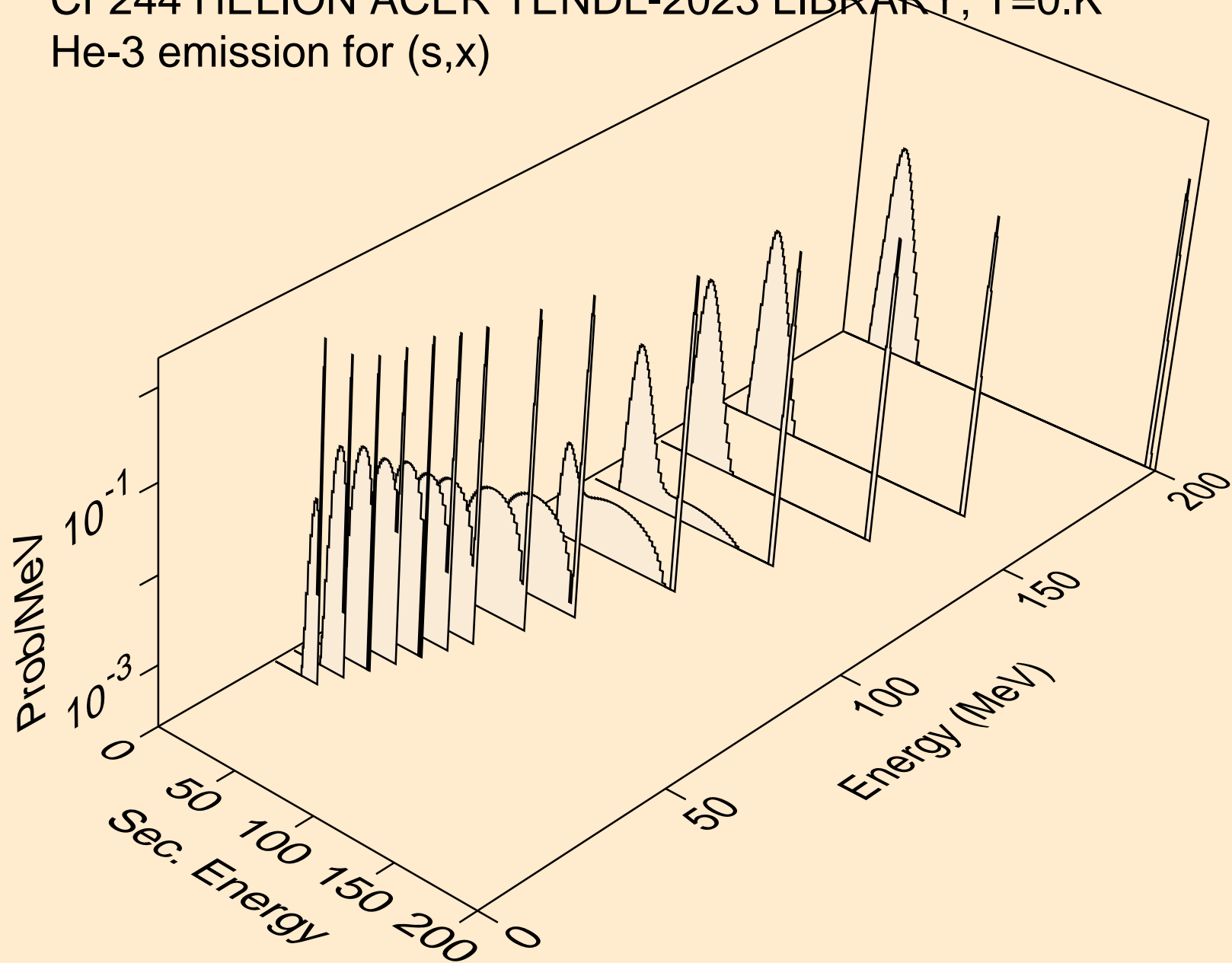
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



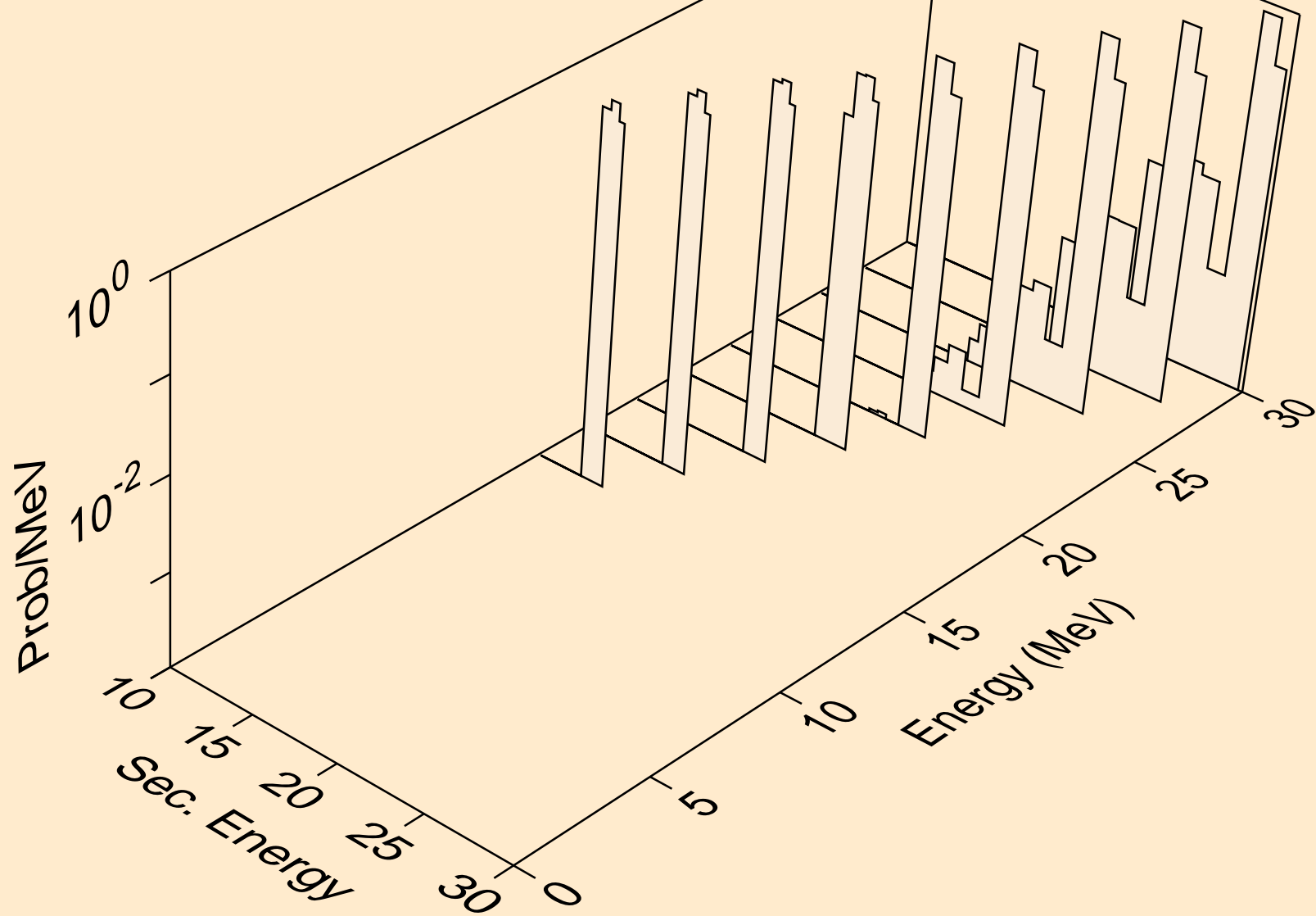
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



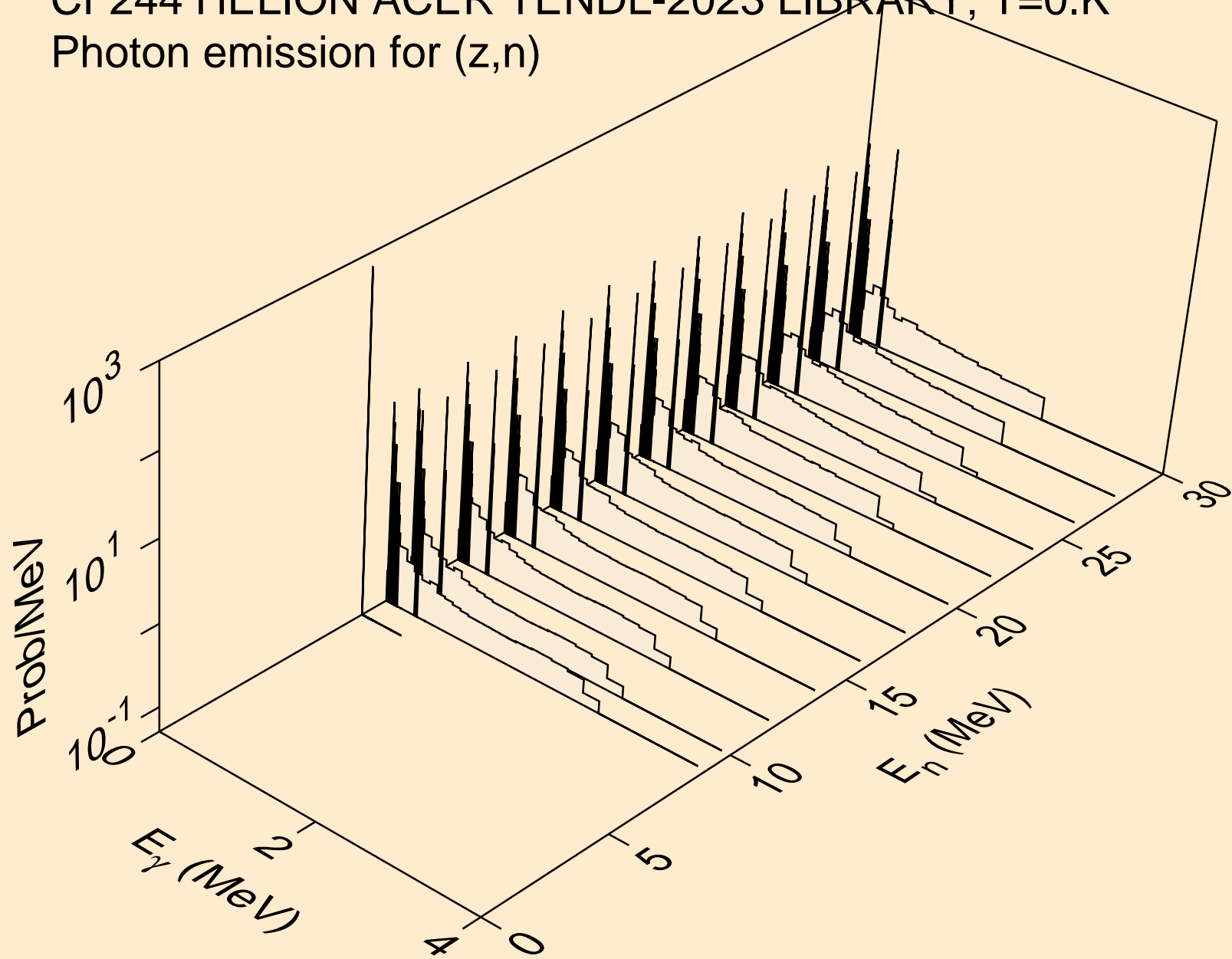
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



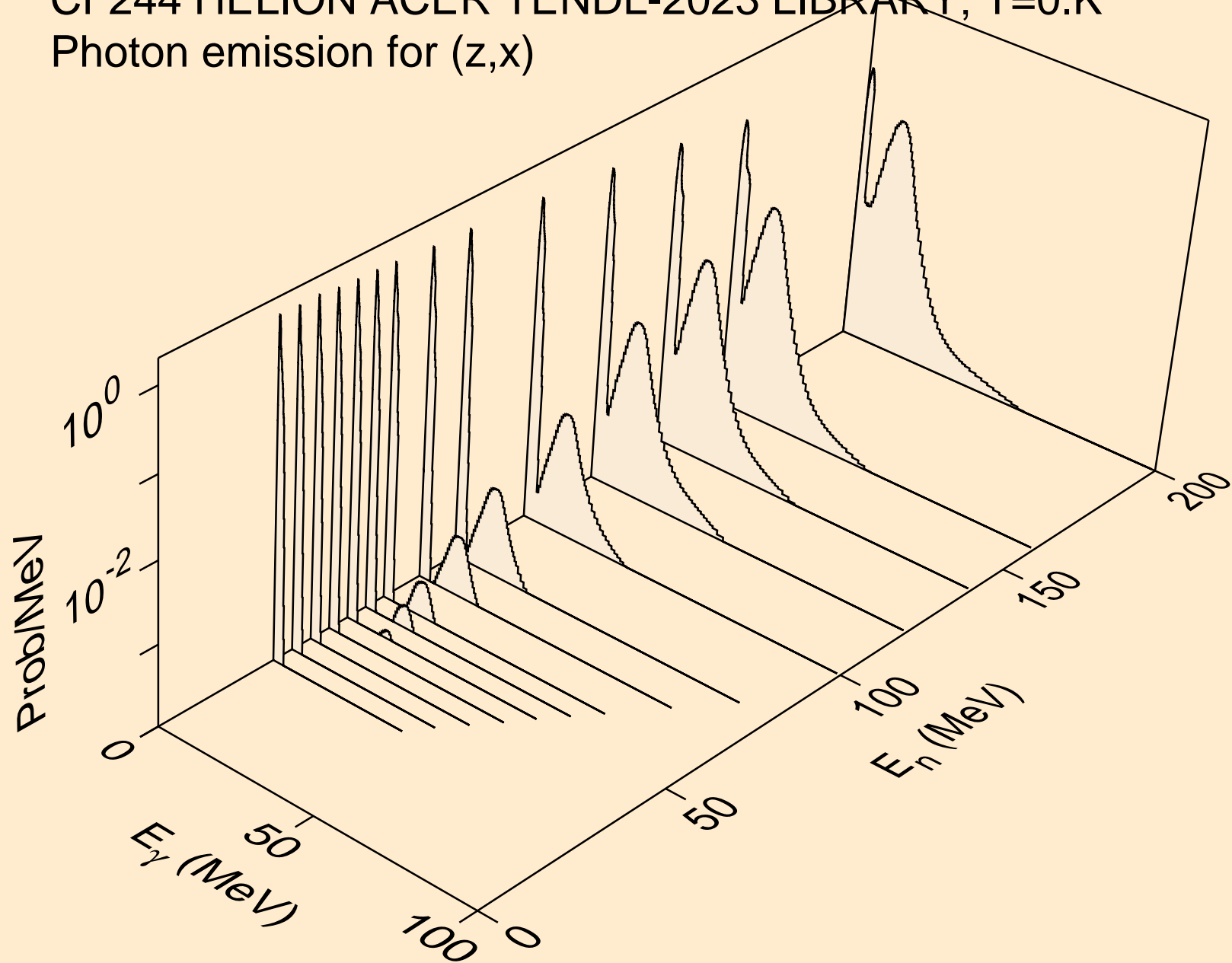
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



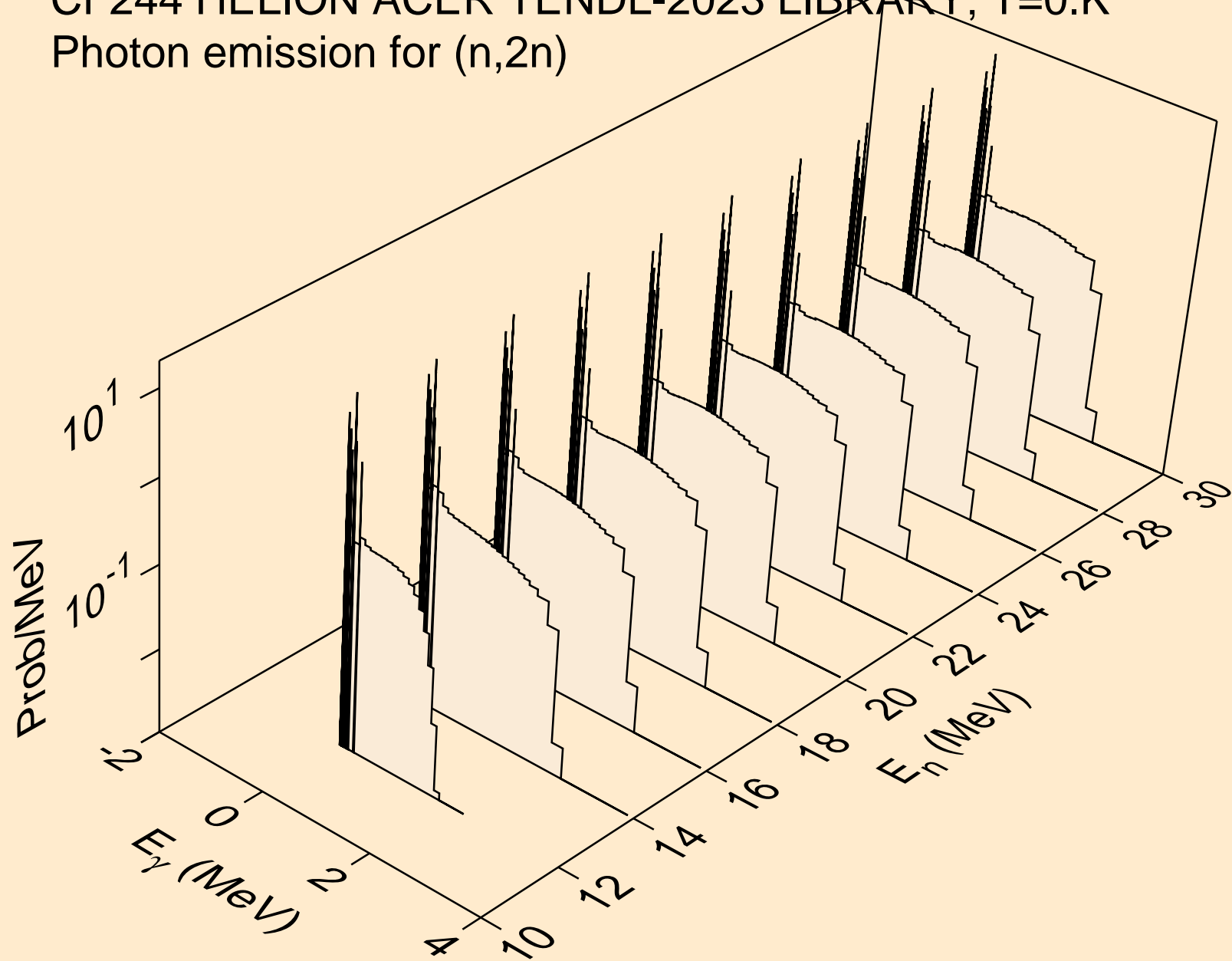
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

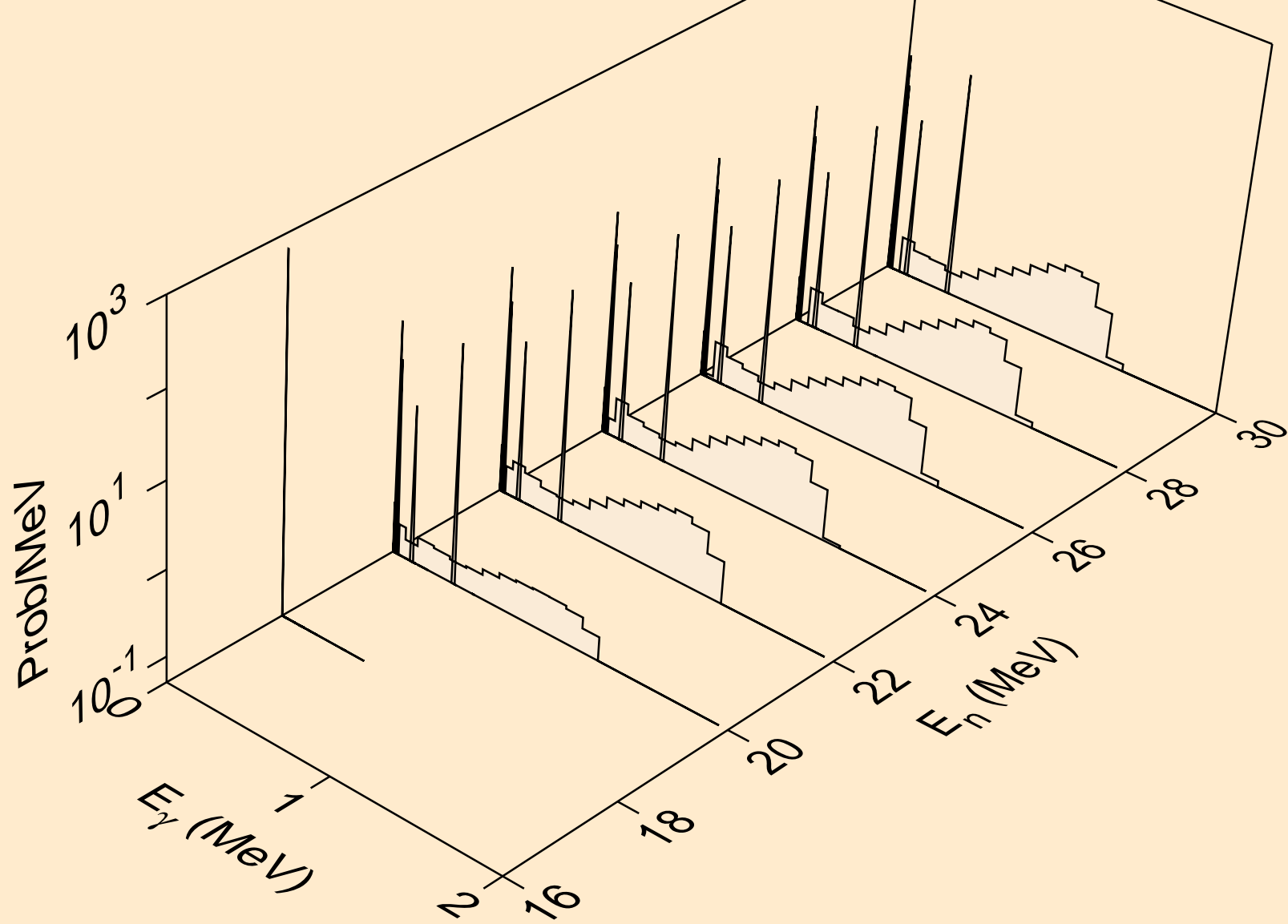


CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

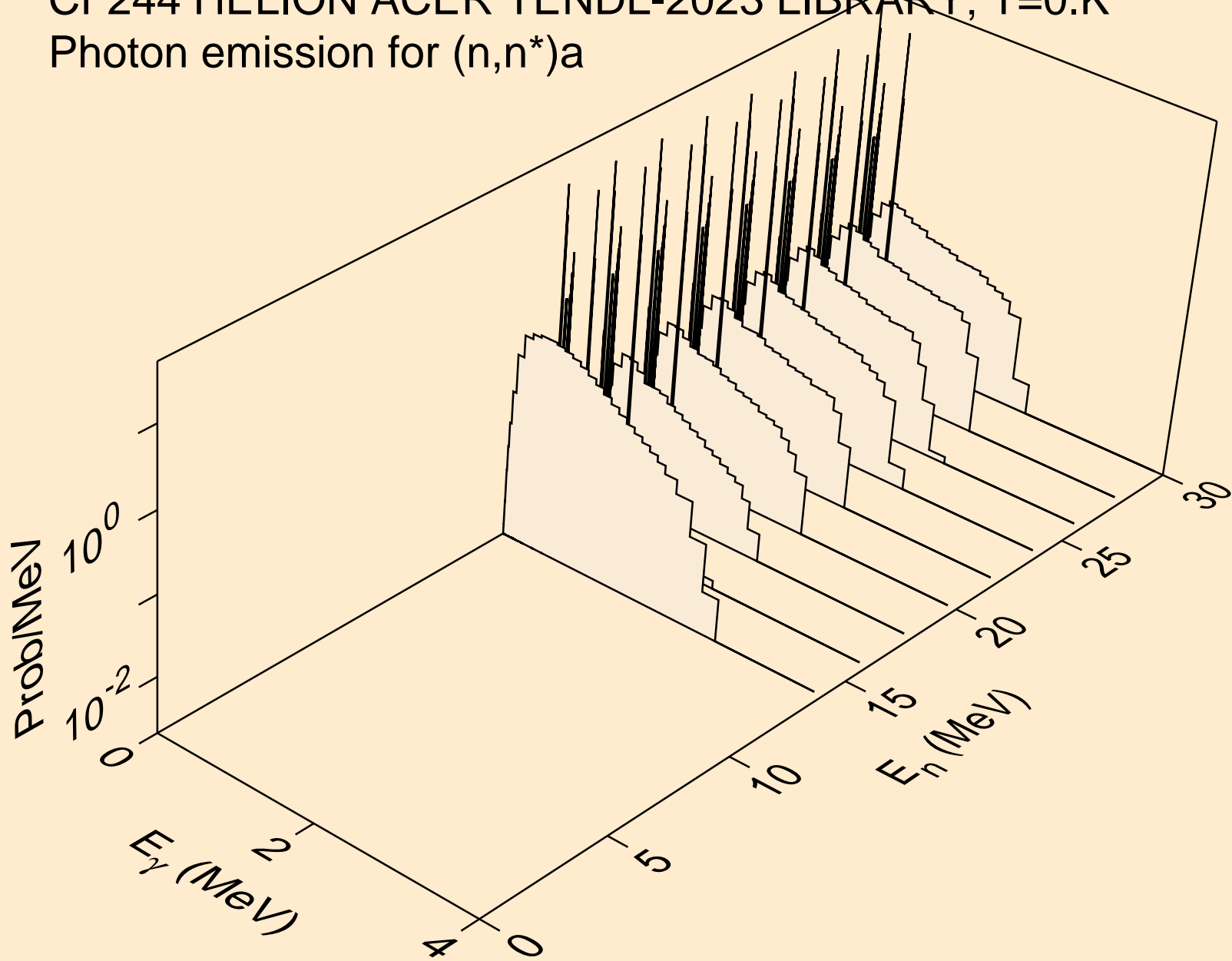




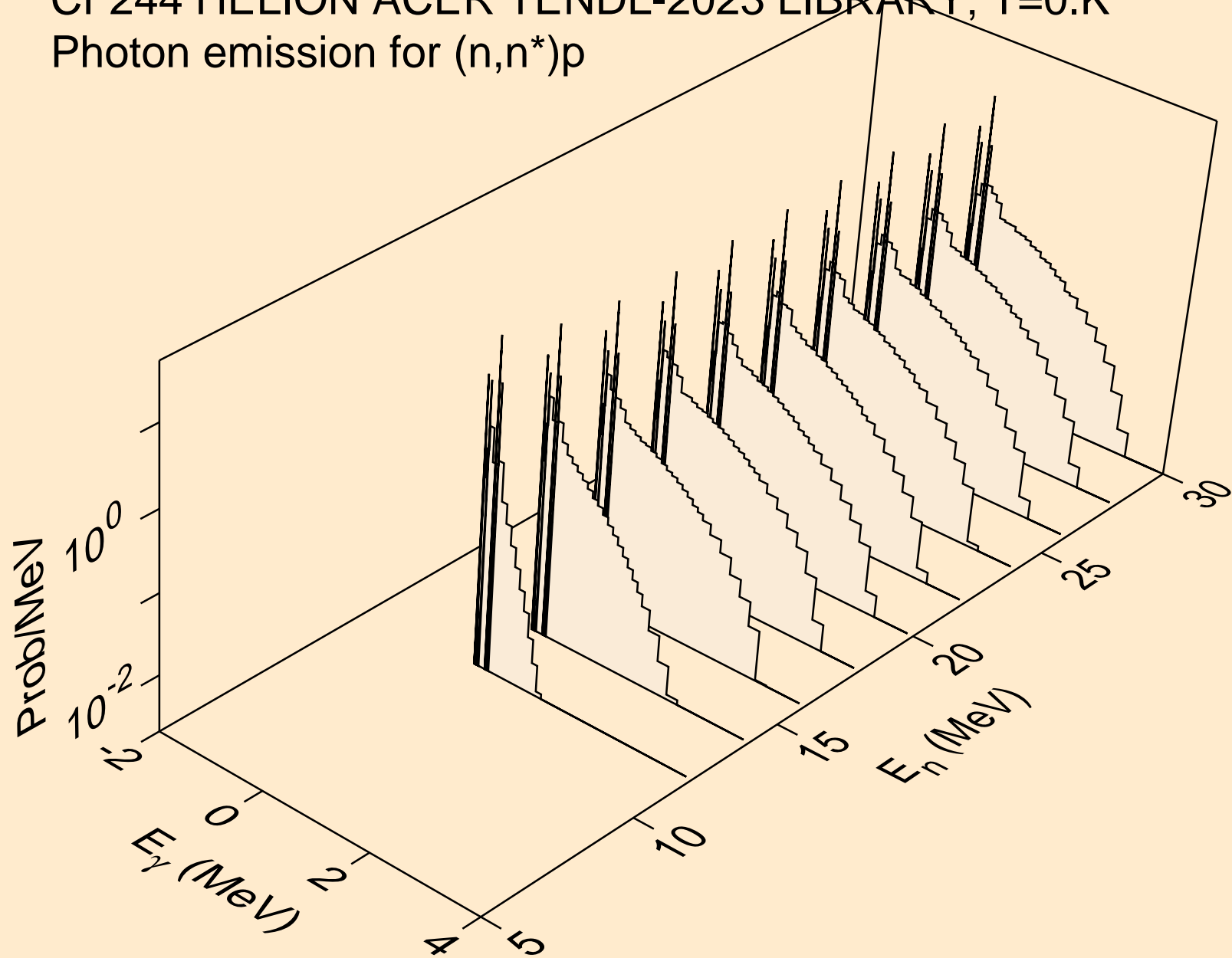
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



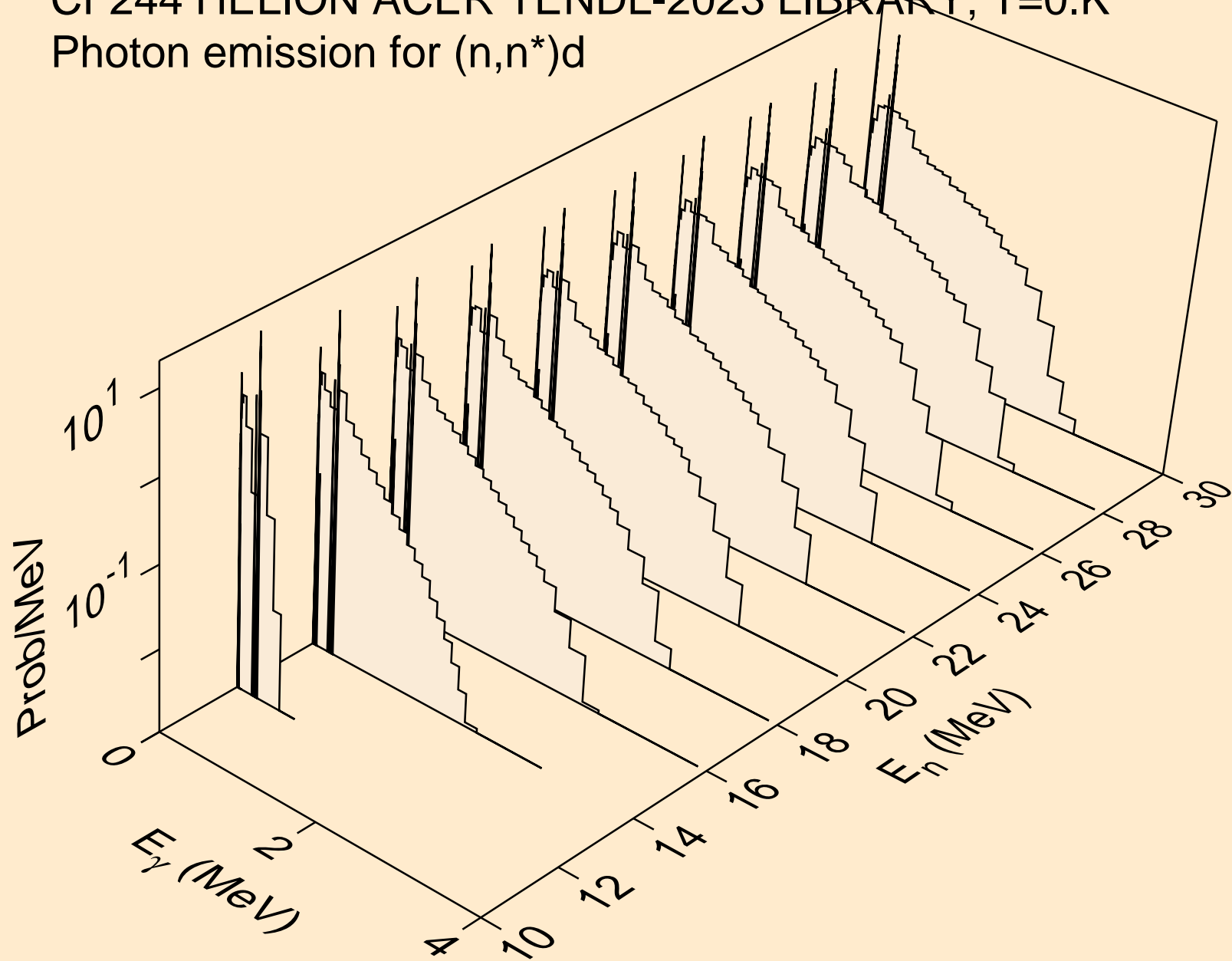
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



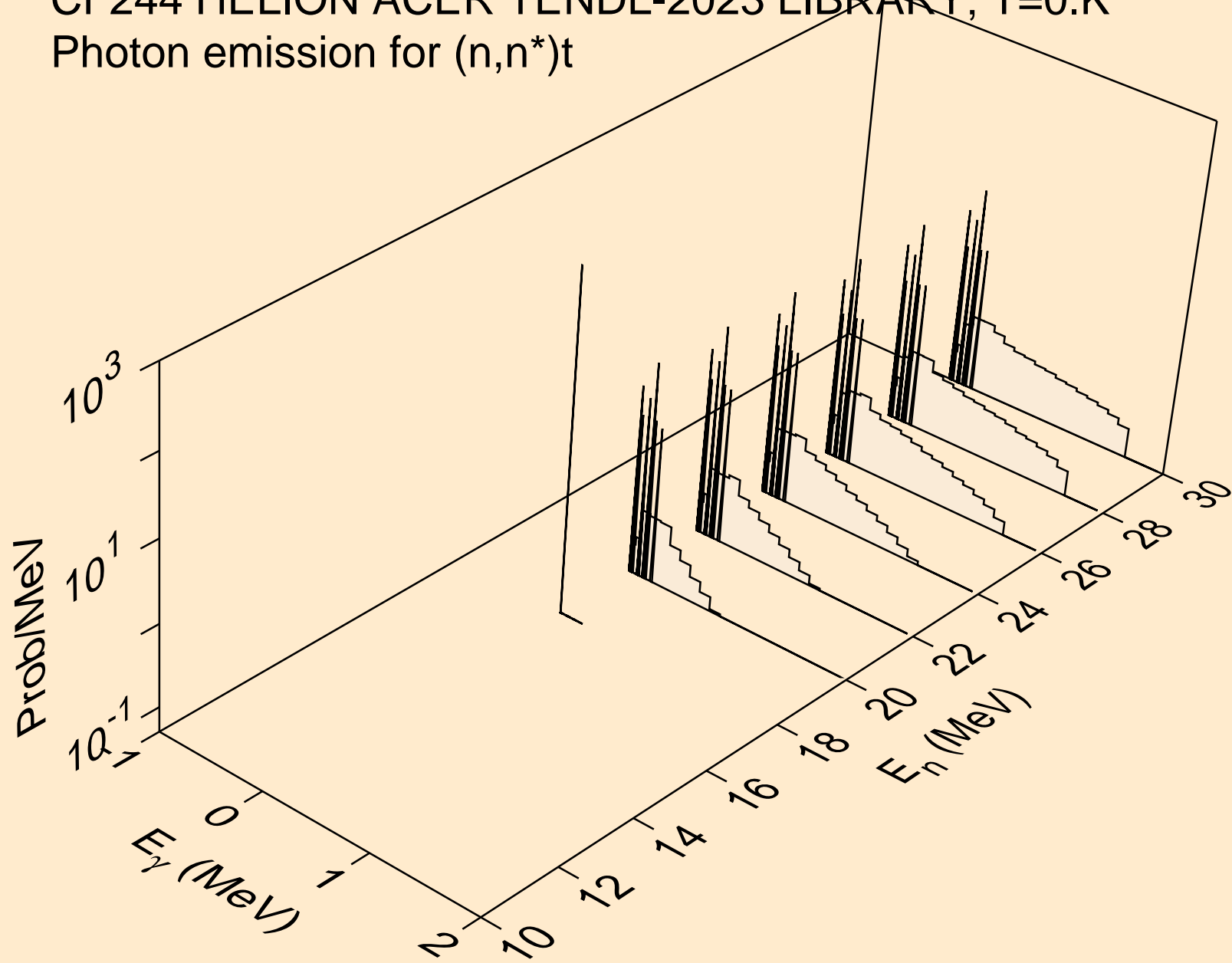
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



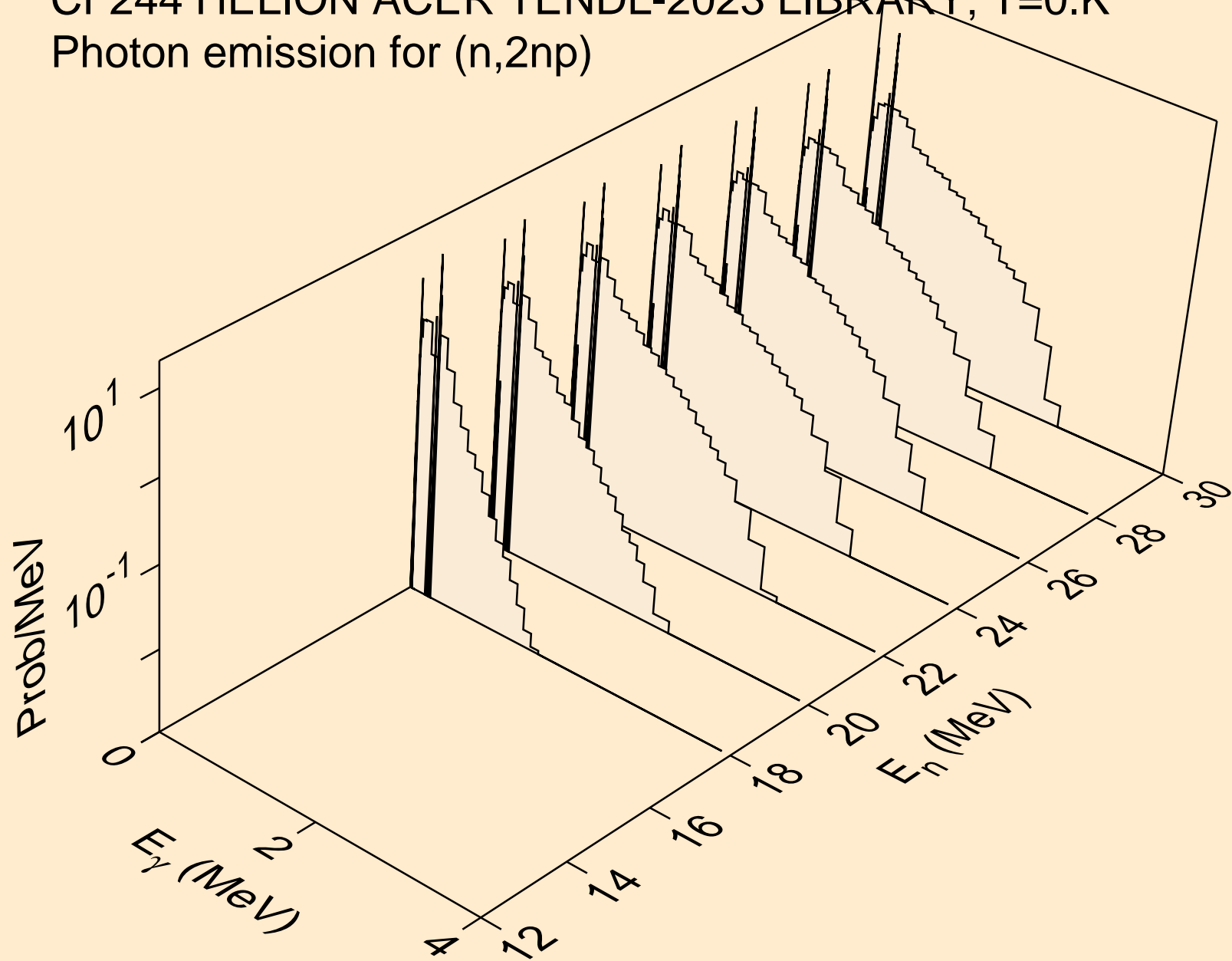
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



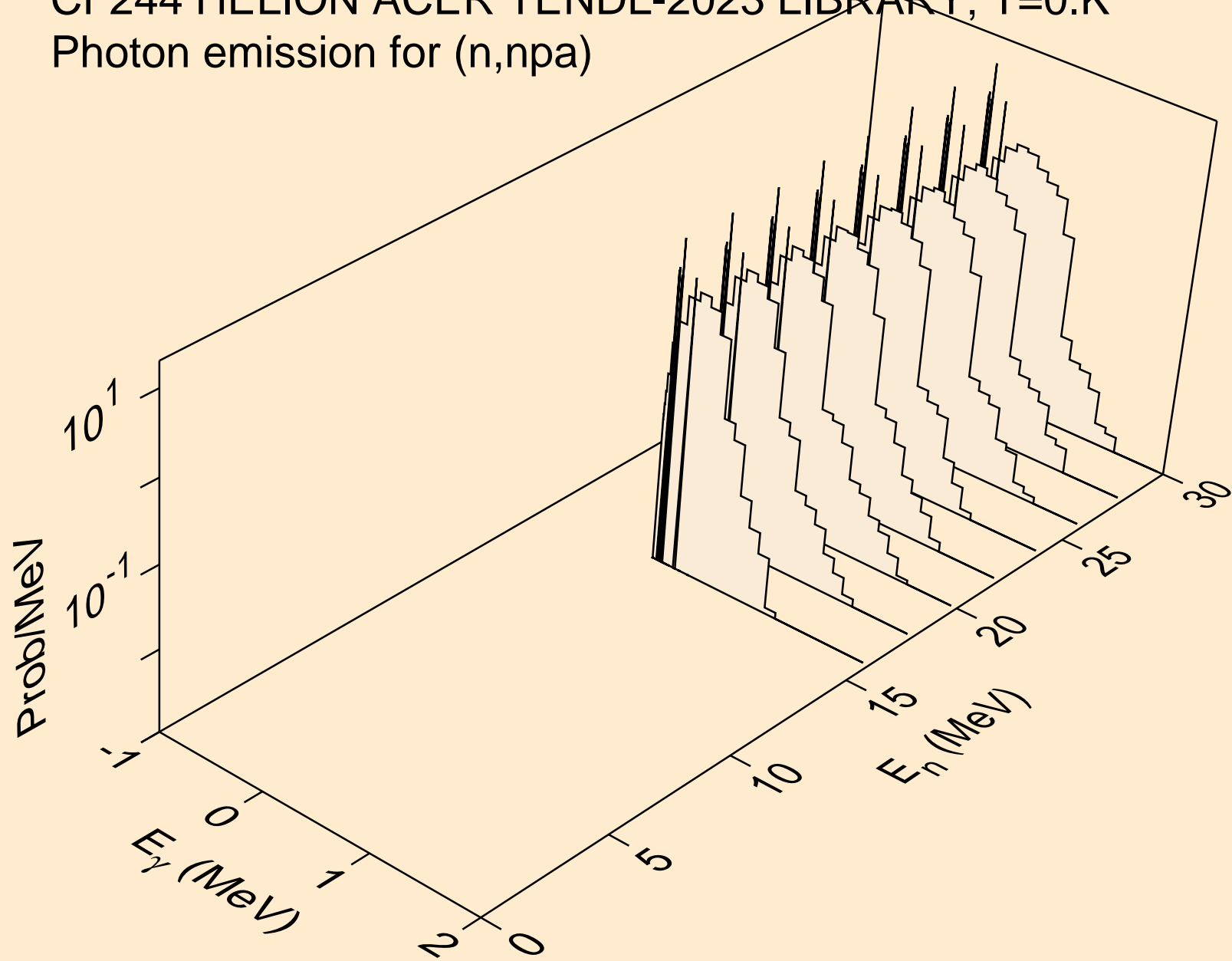
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



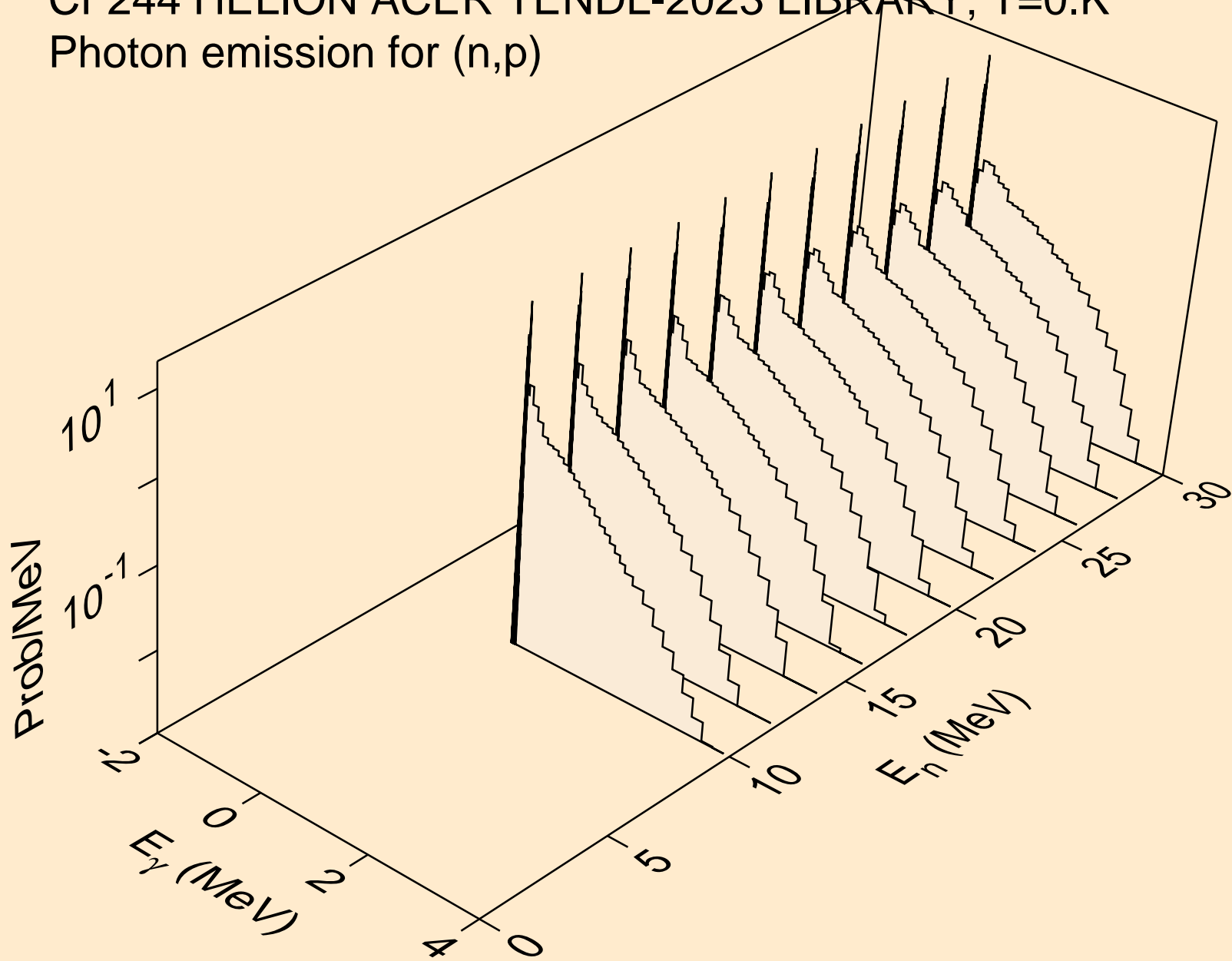
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

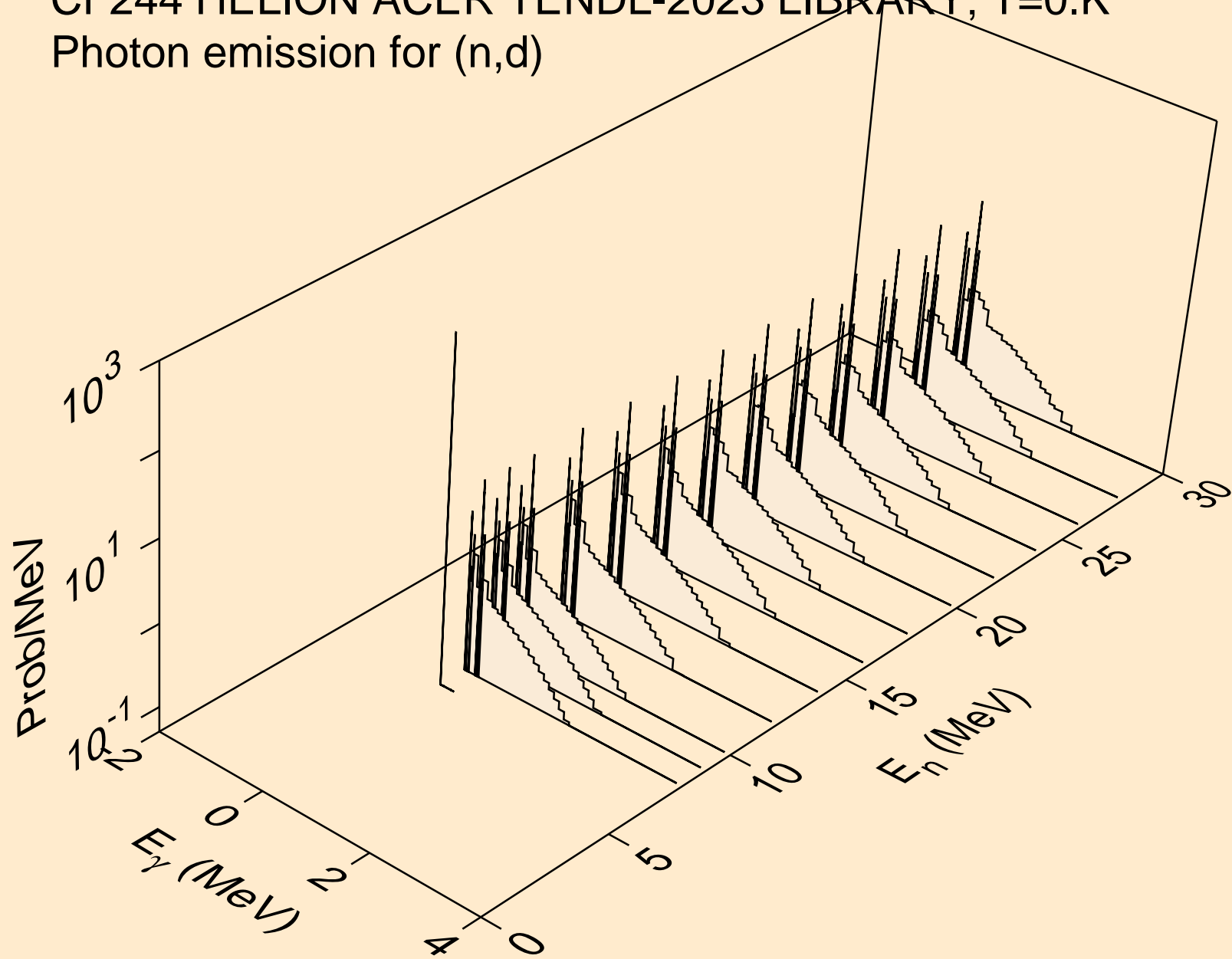


CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

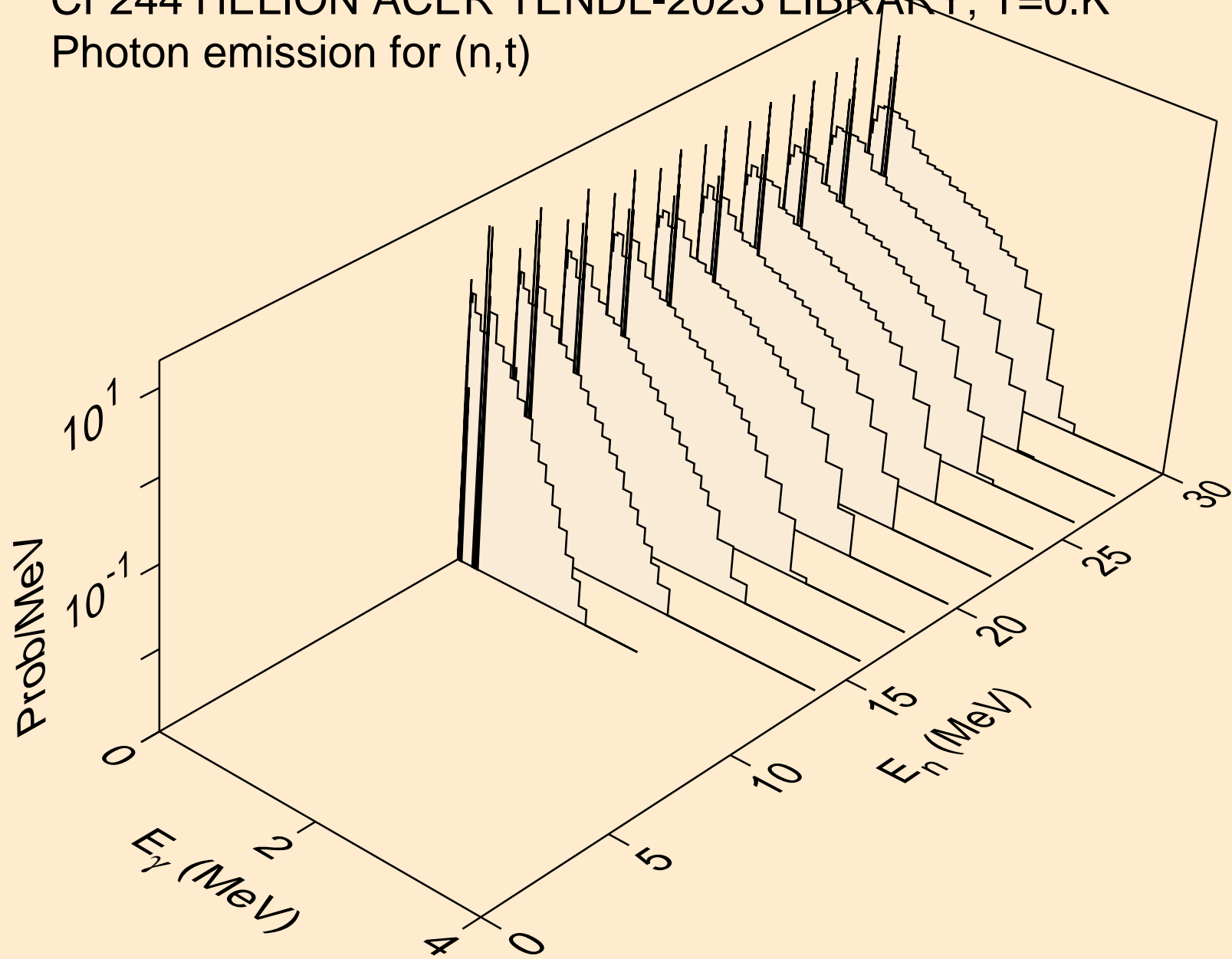




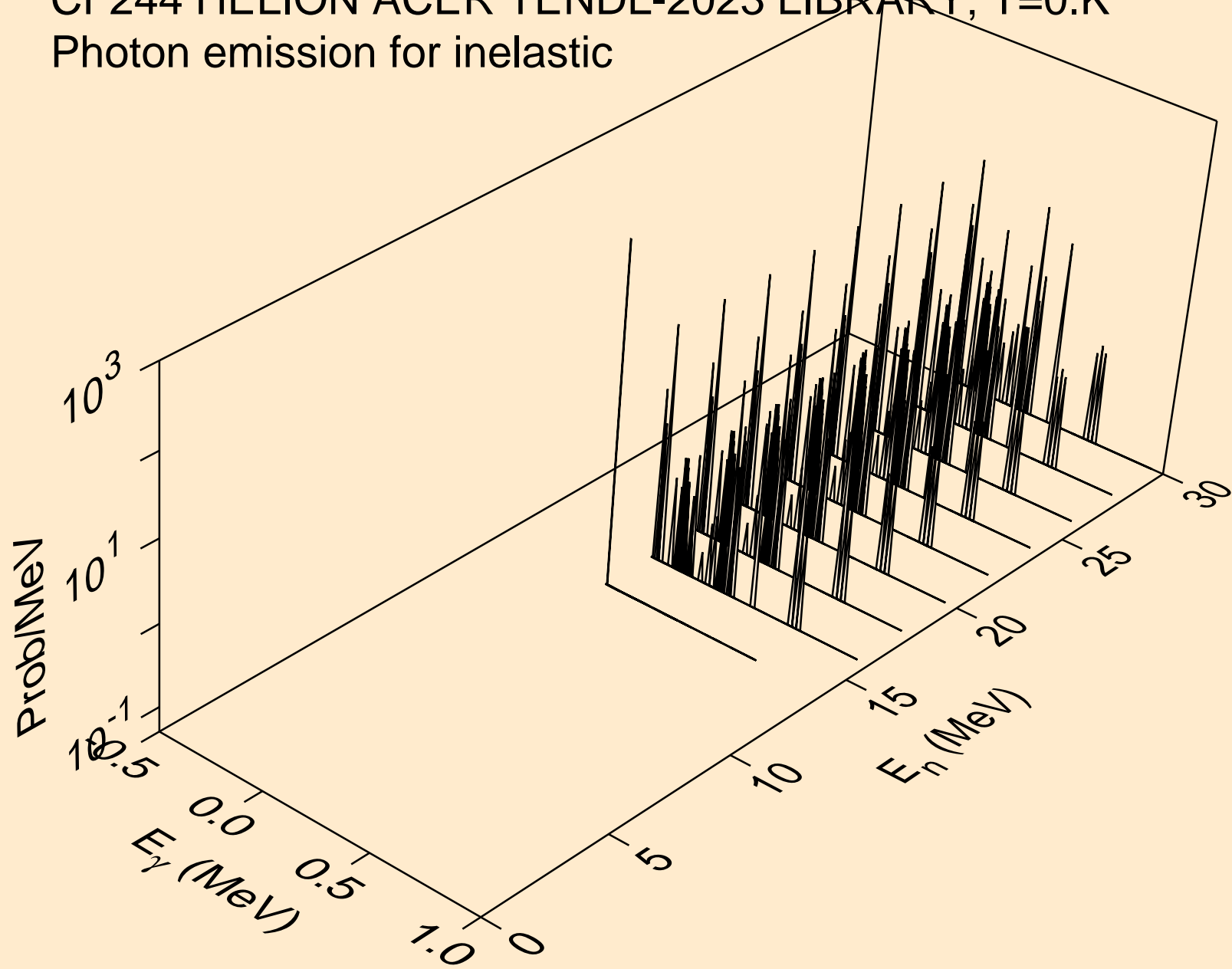
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



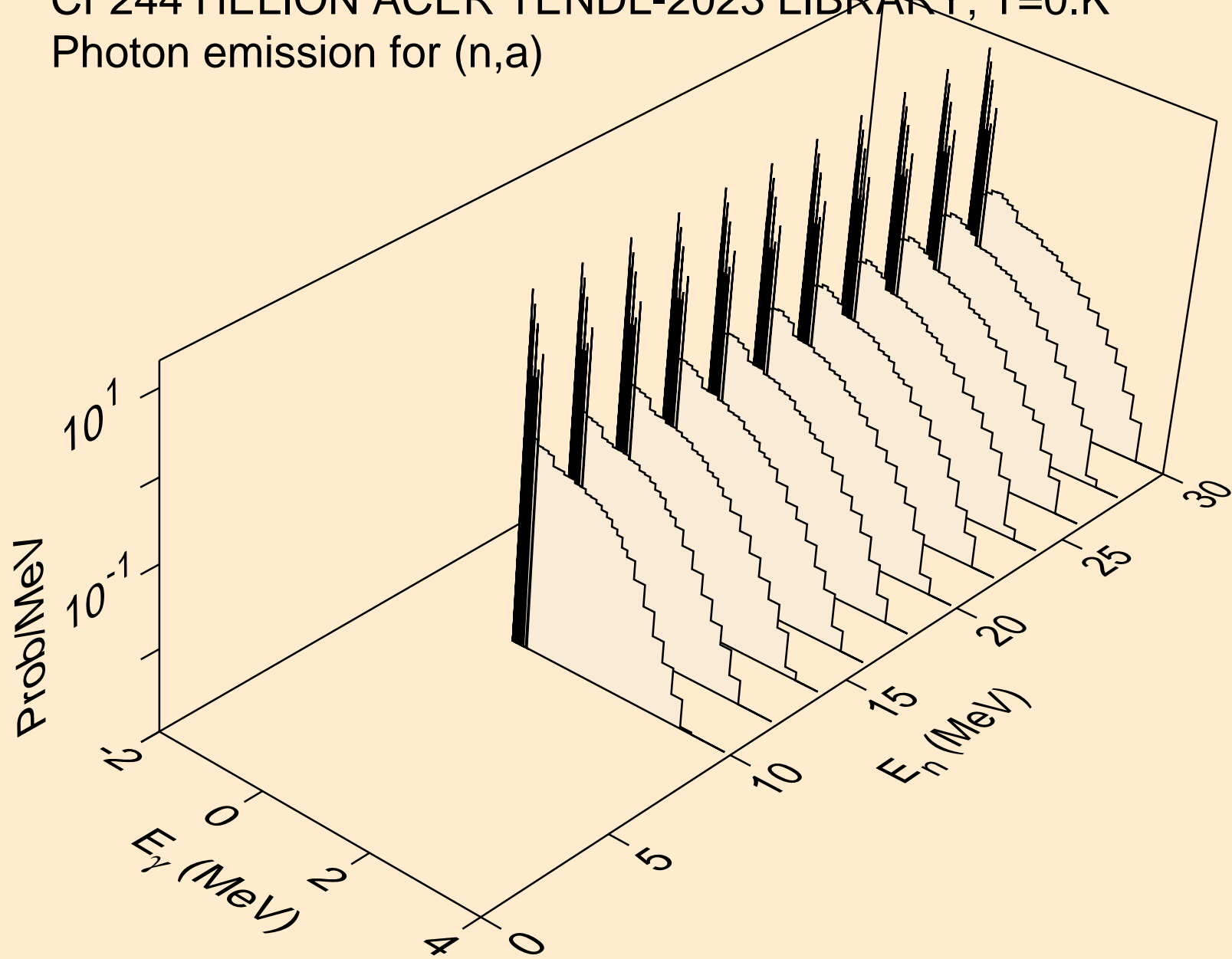
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



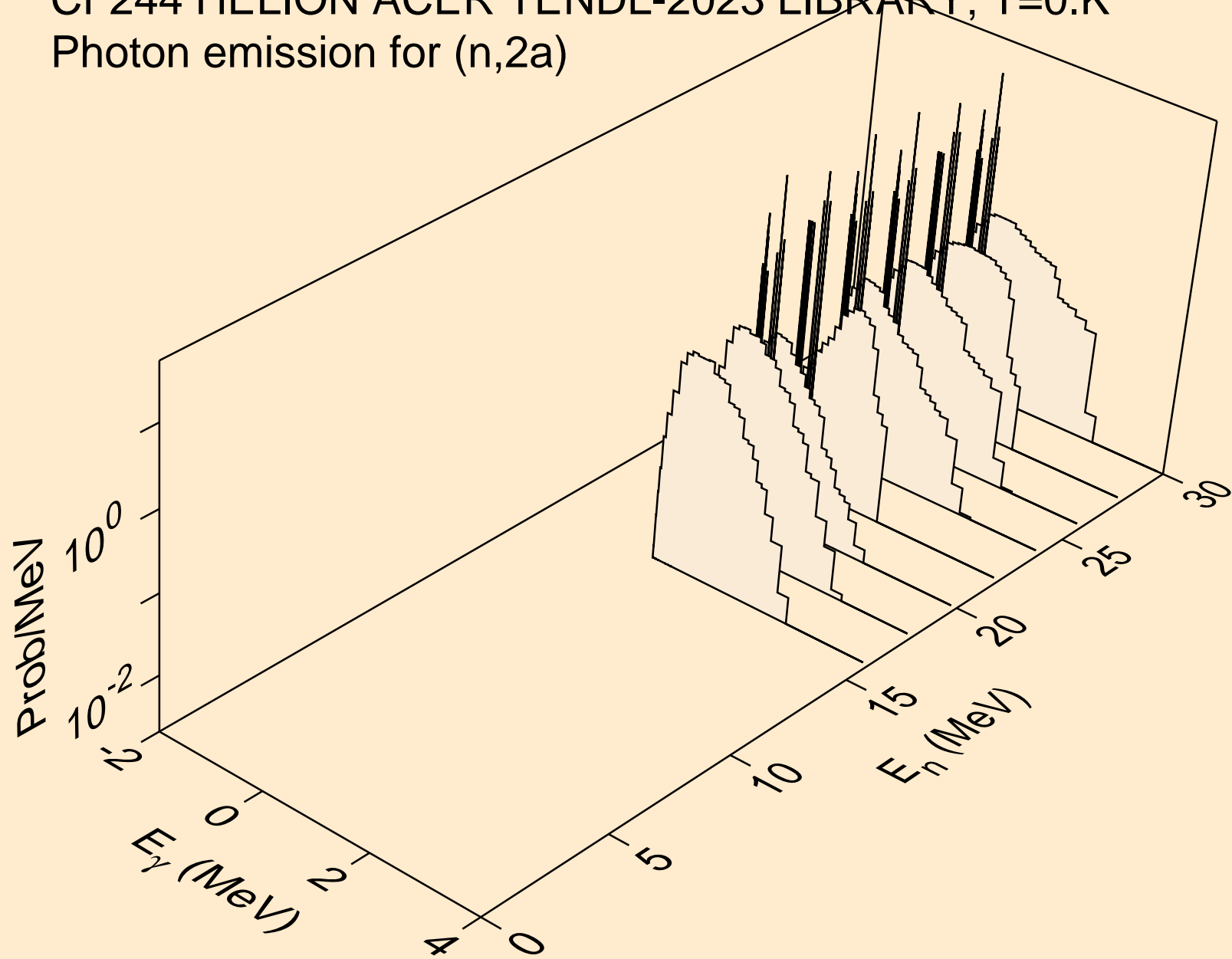
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



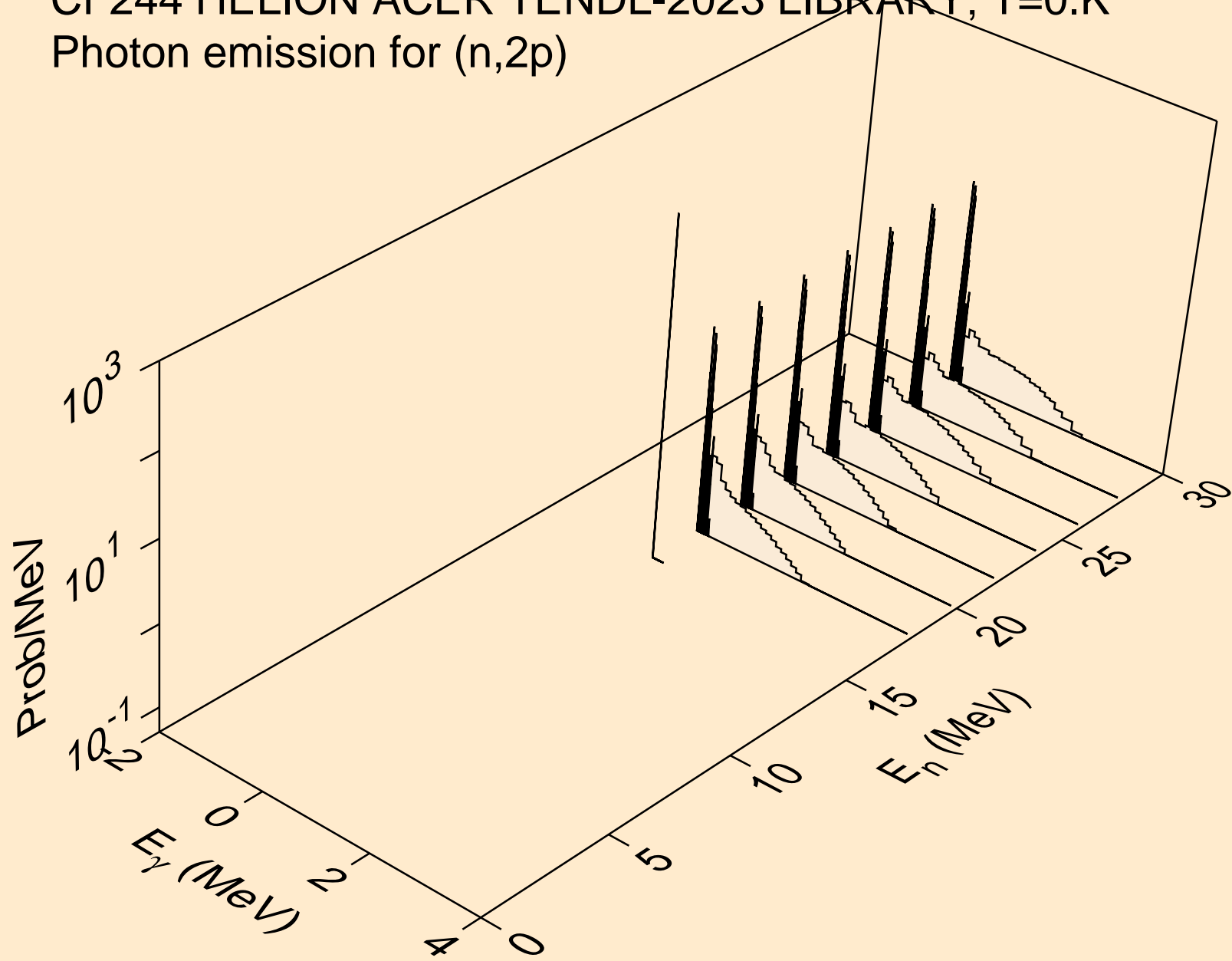
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Photon emission for (n,a)



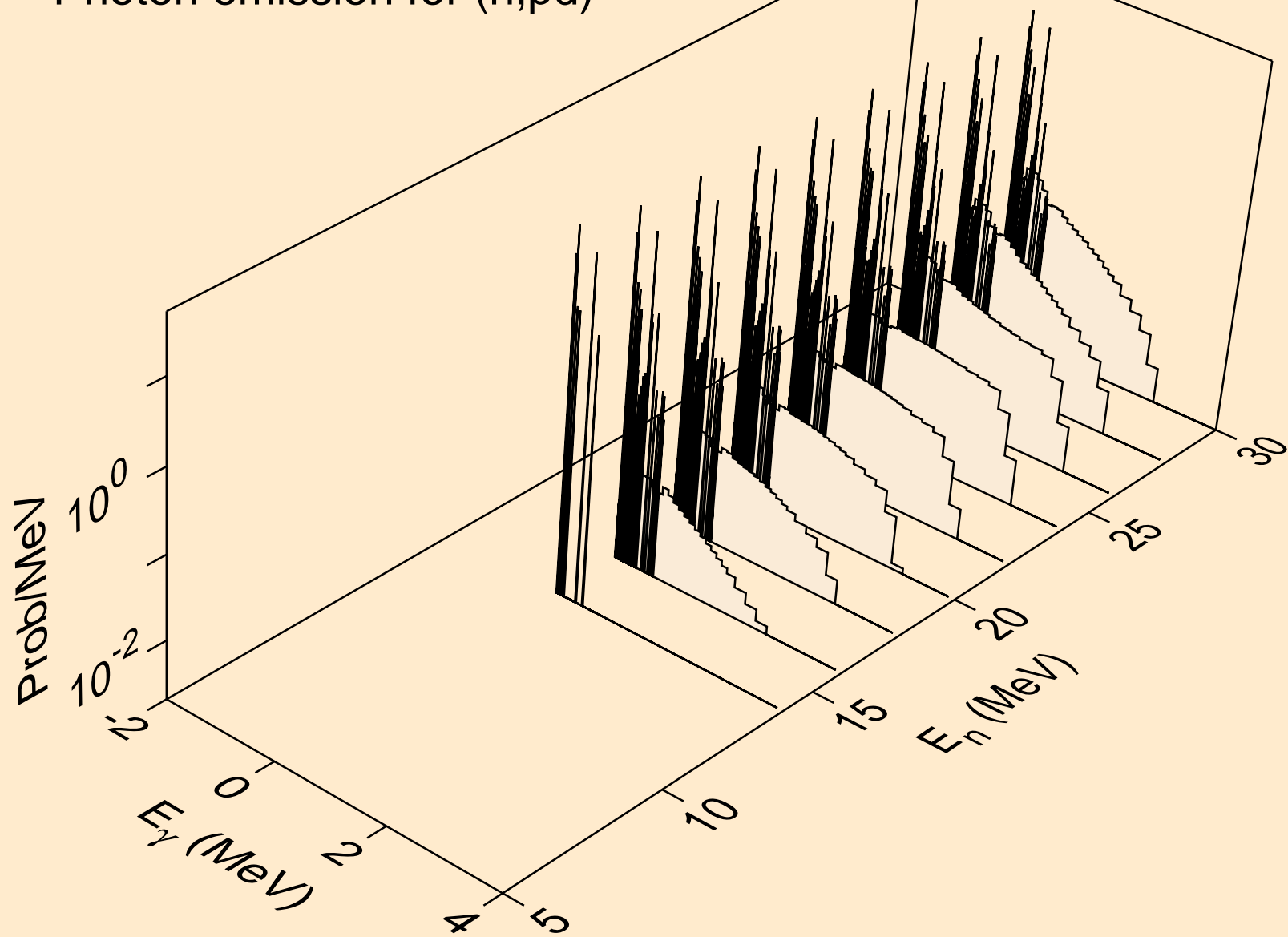
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



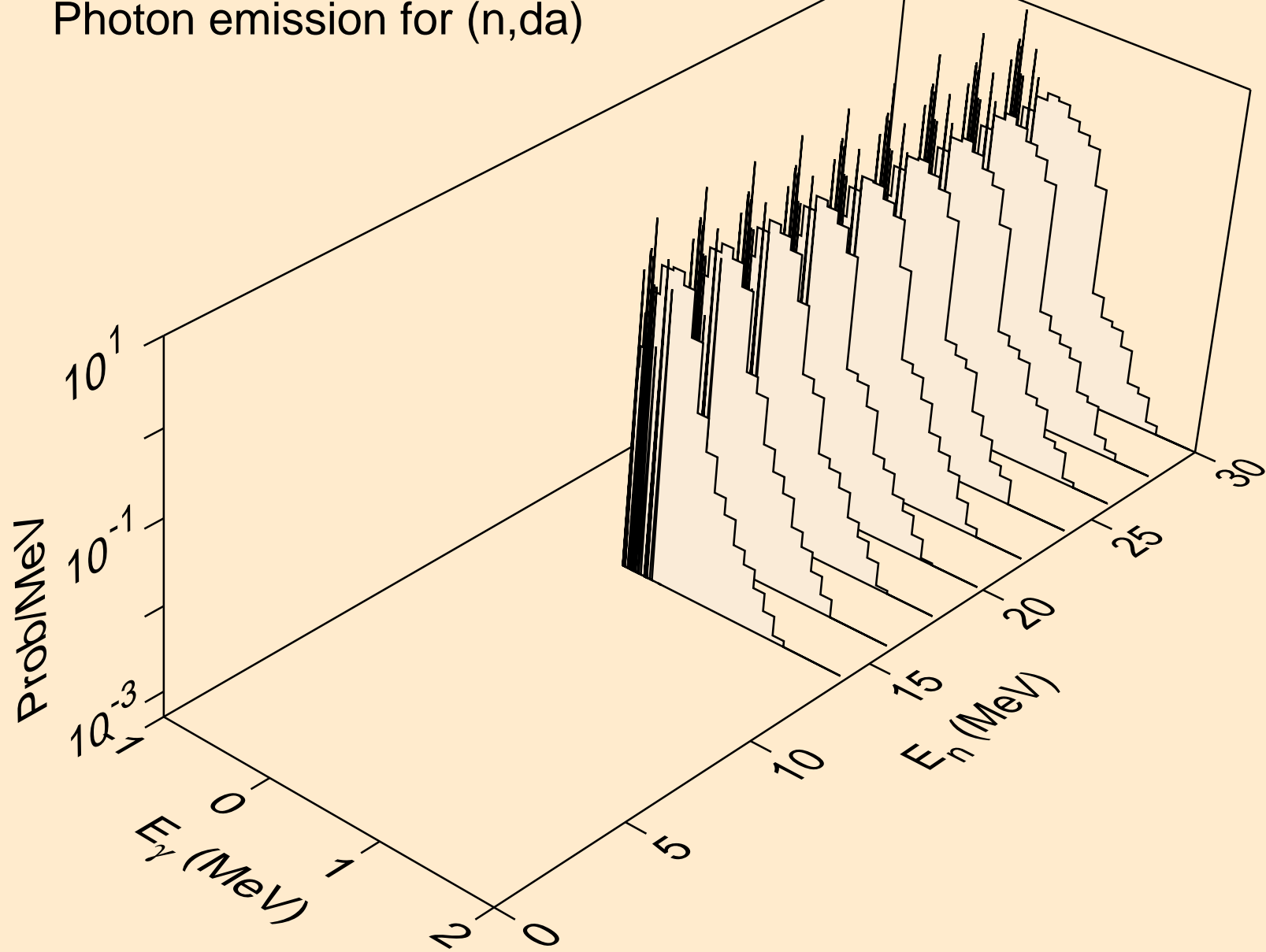
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



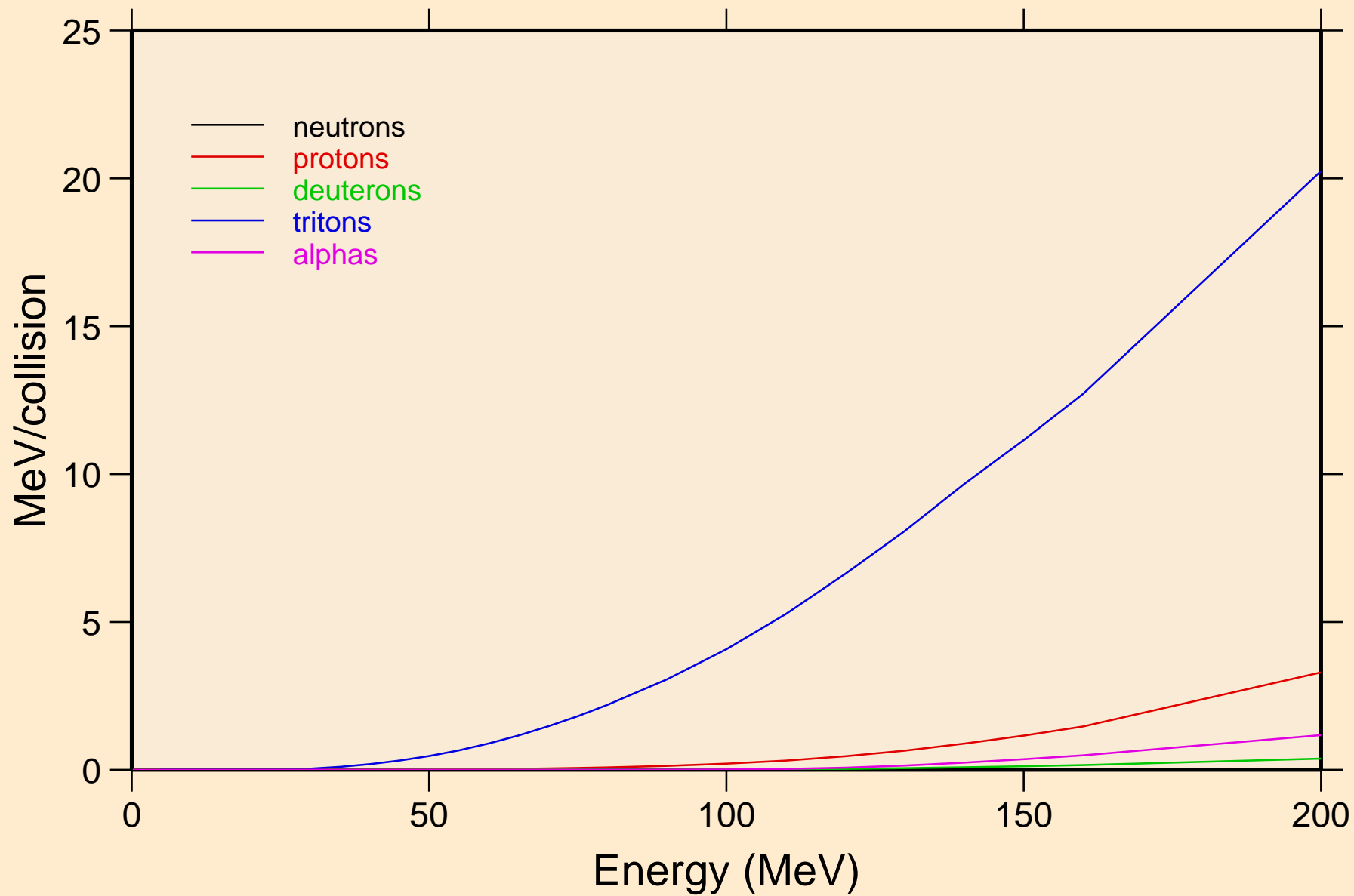
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



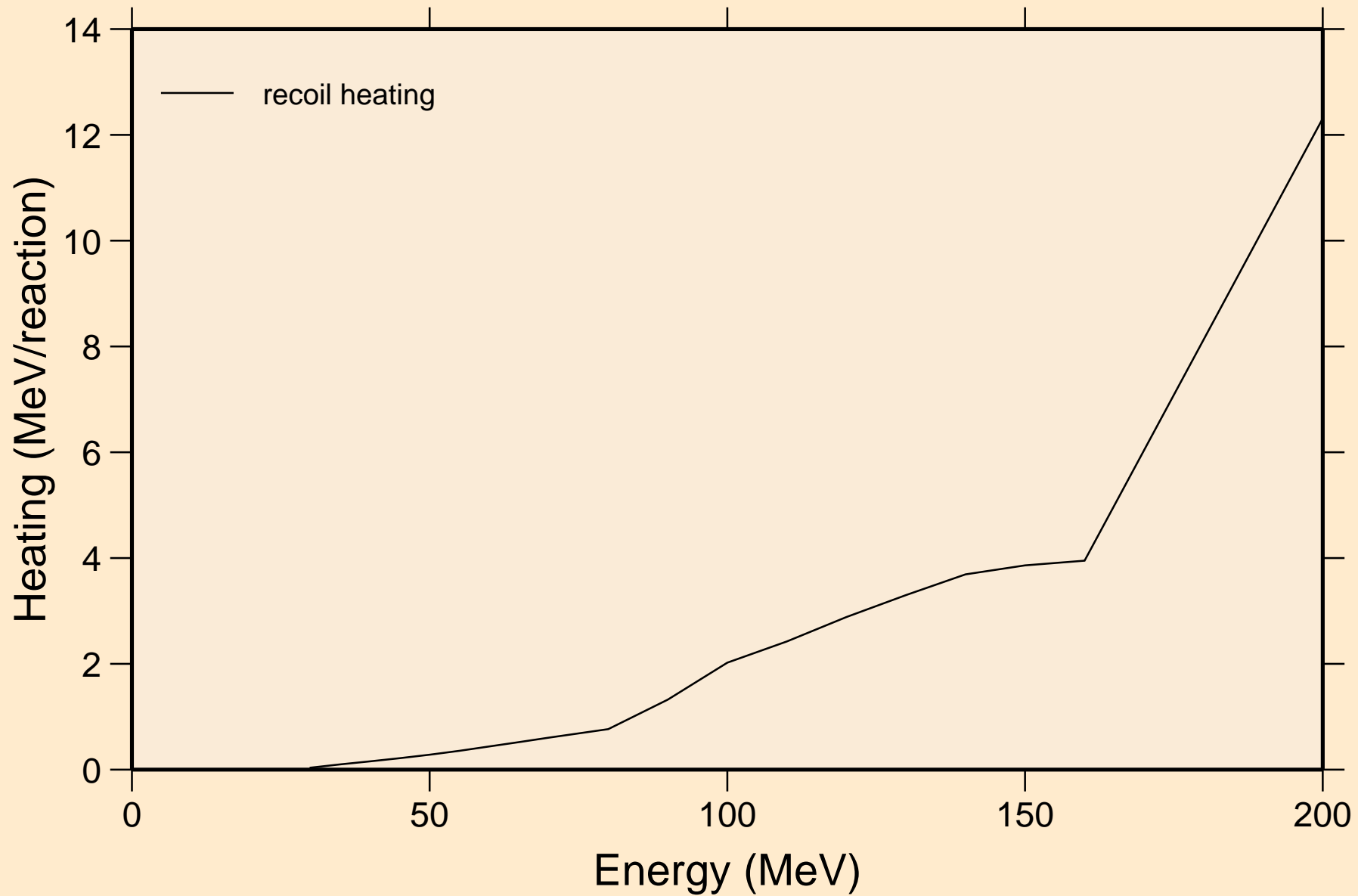


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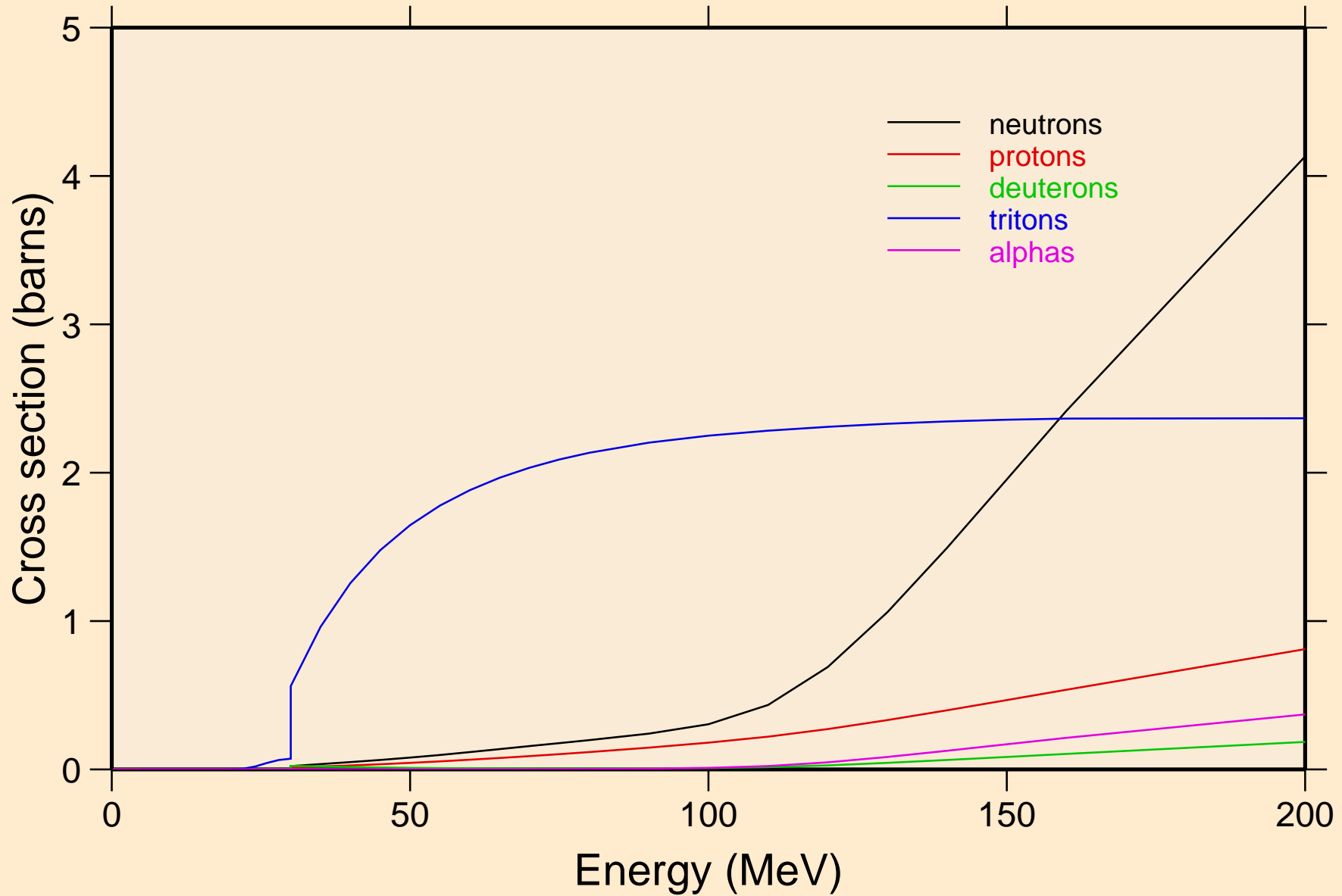
## Particle heating contributions



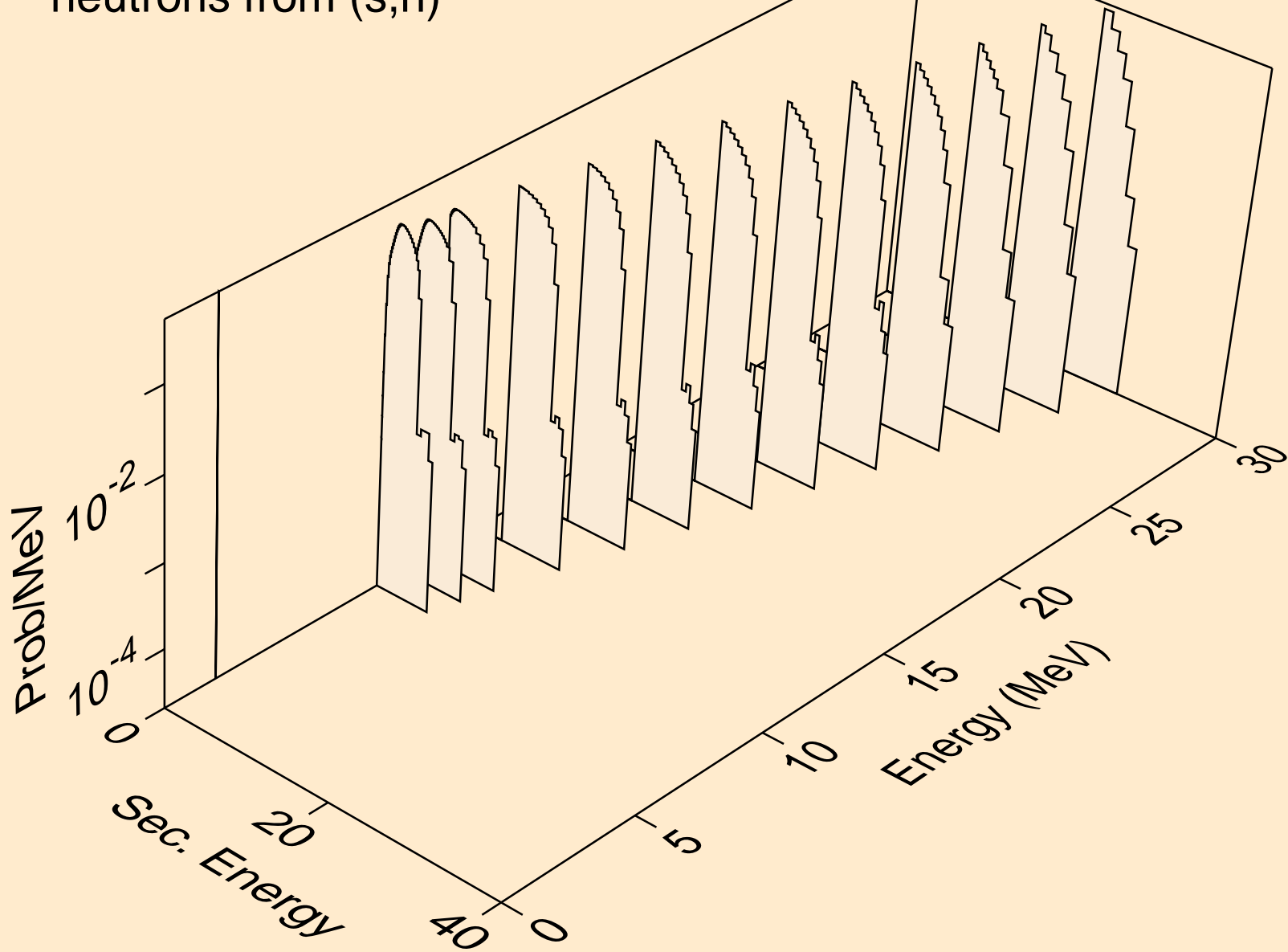
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



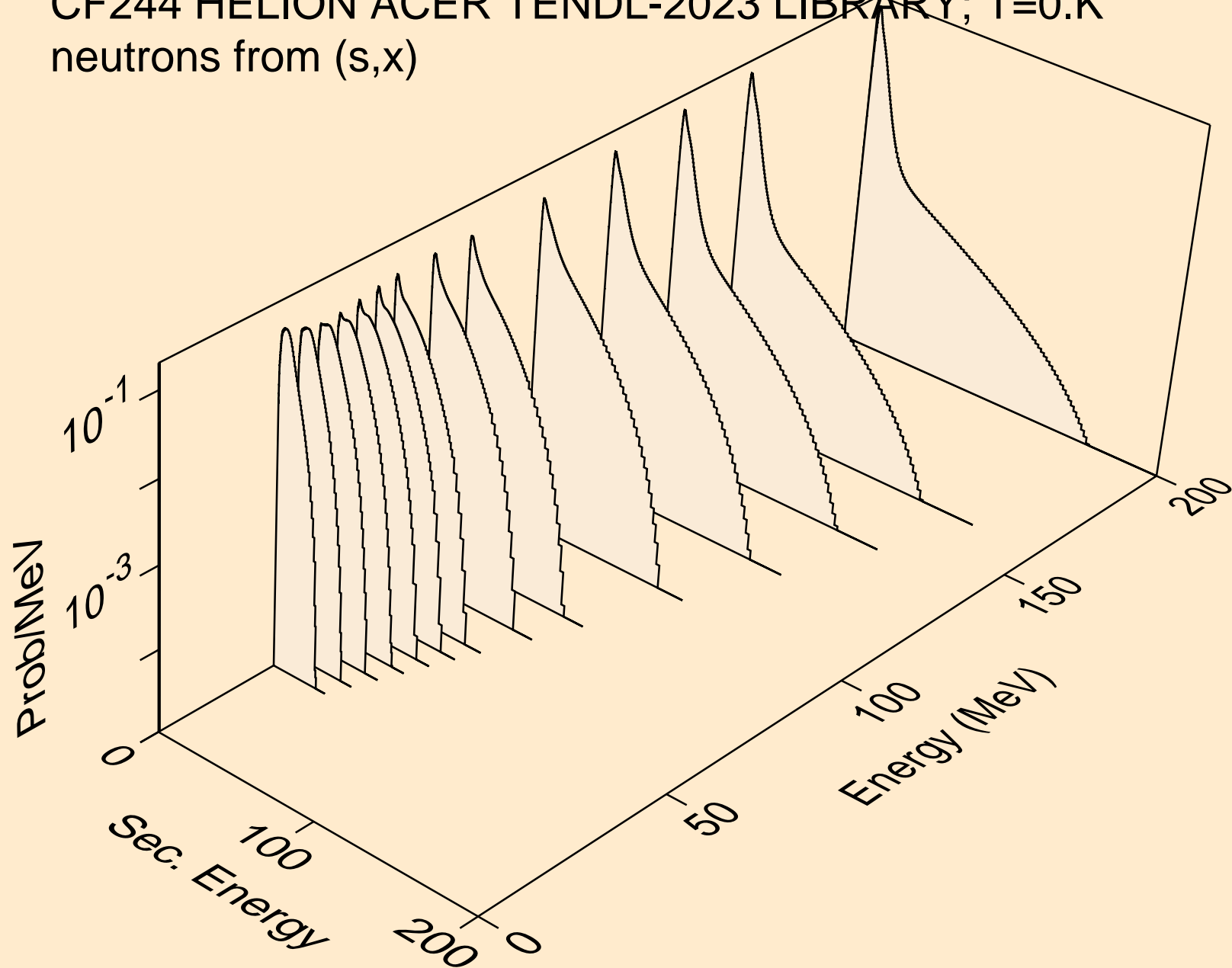
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



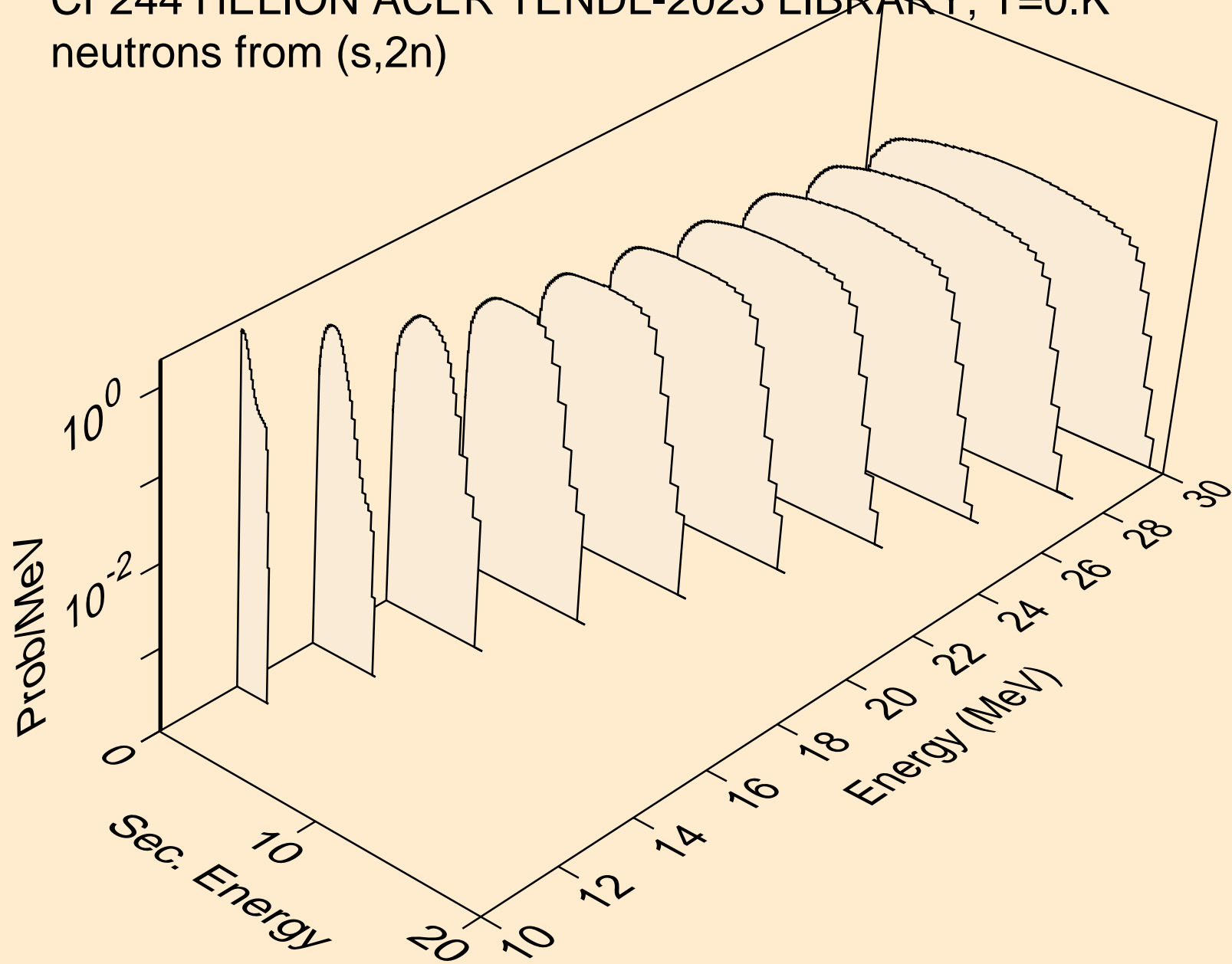
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



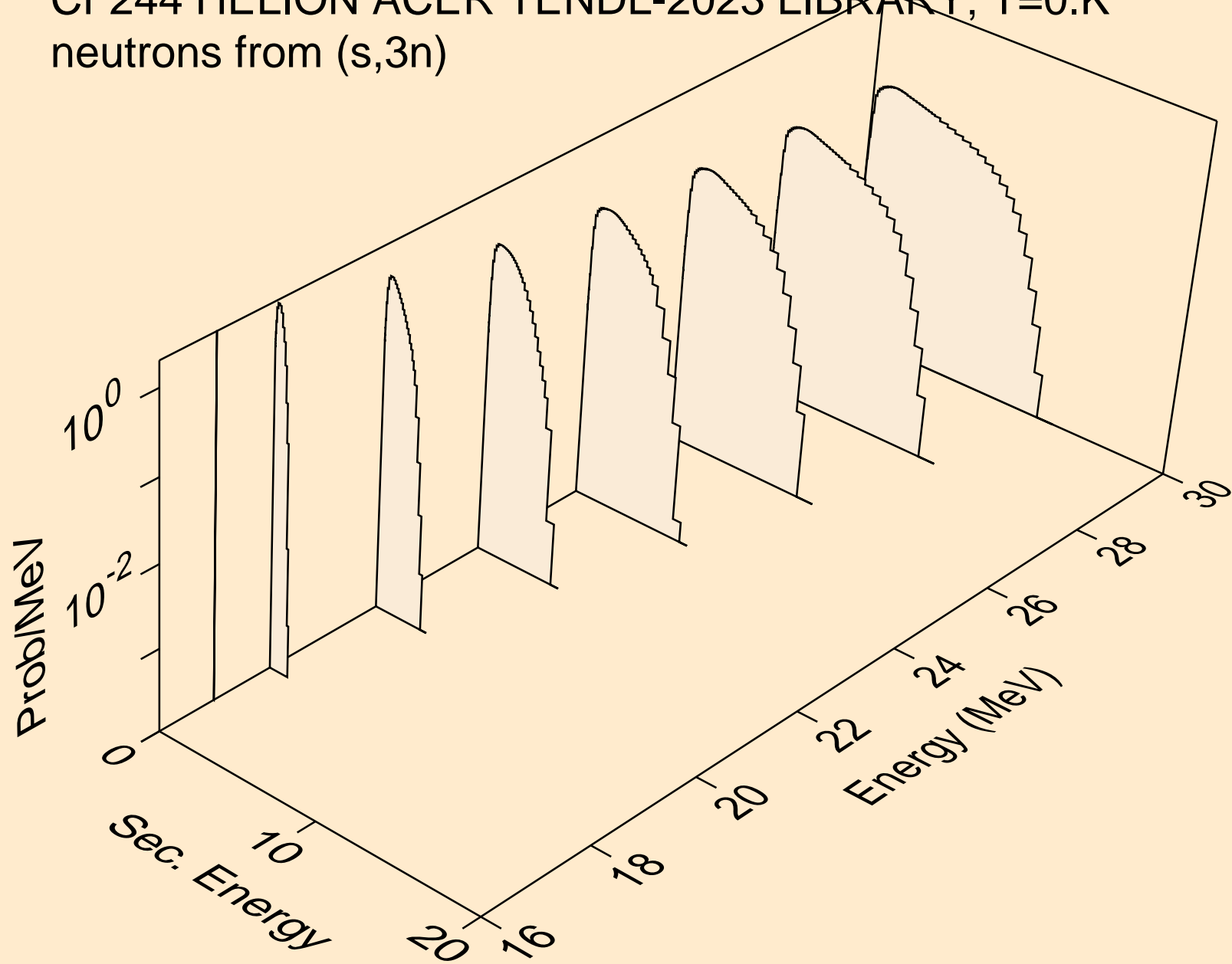
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



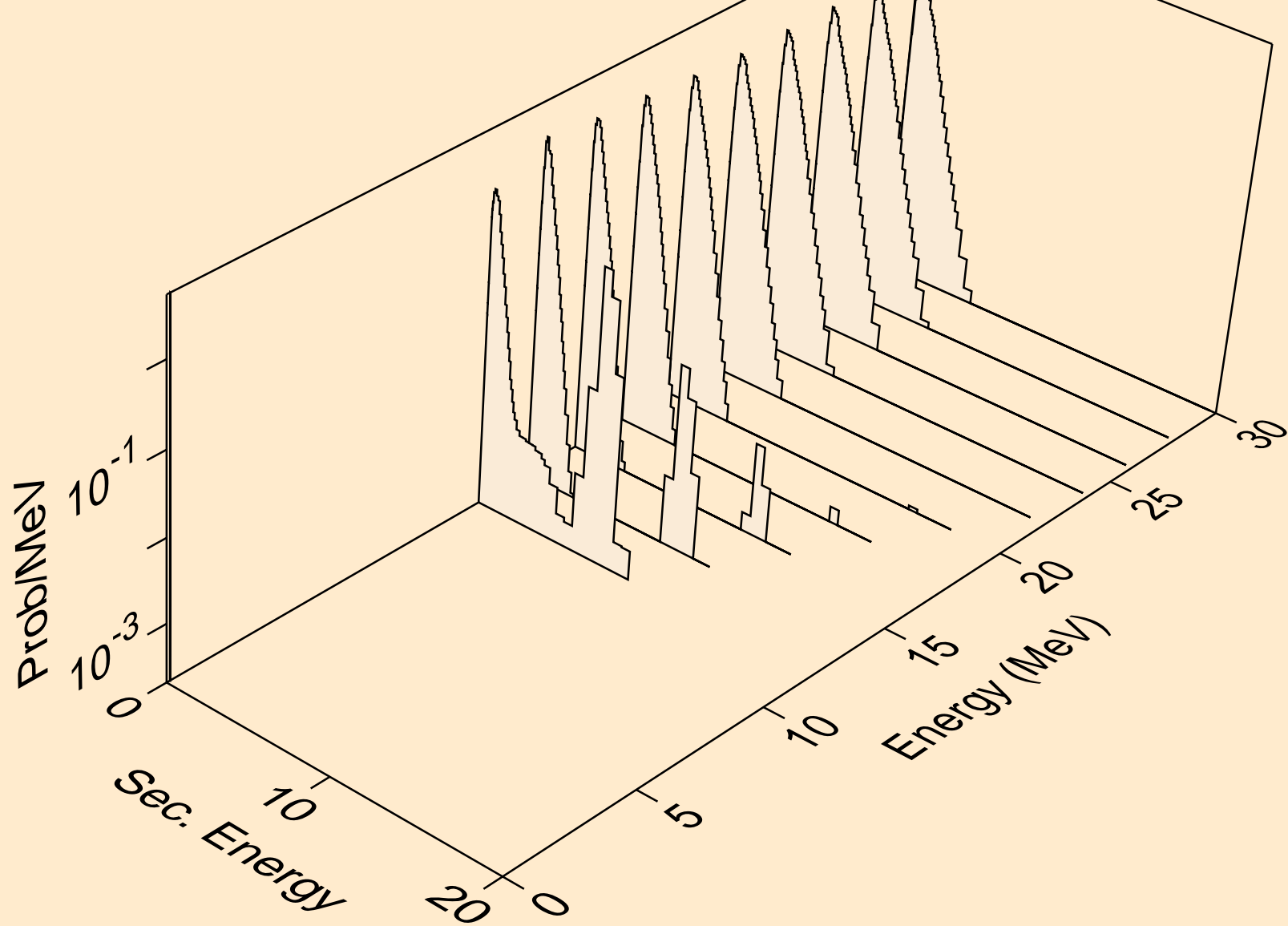
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

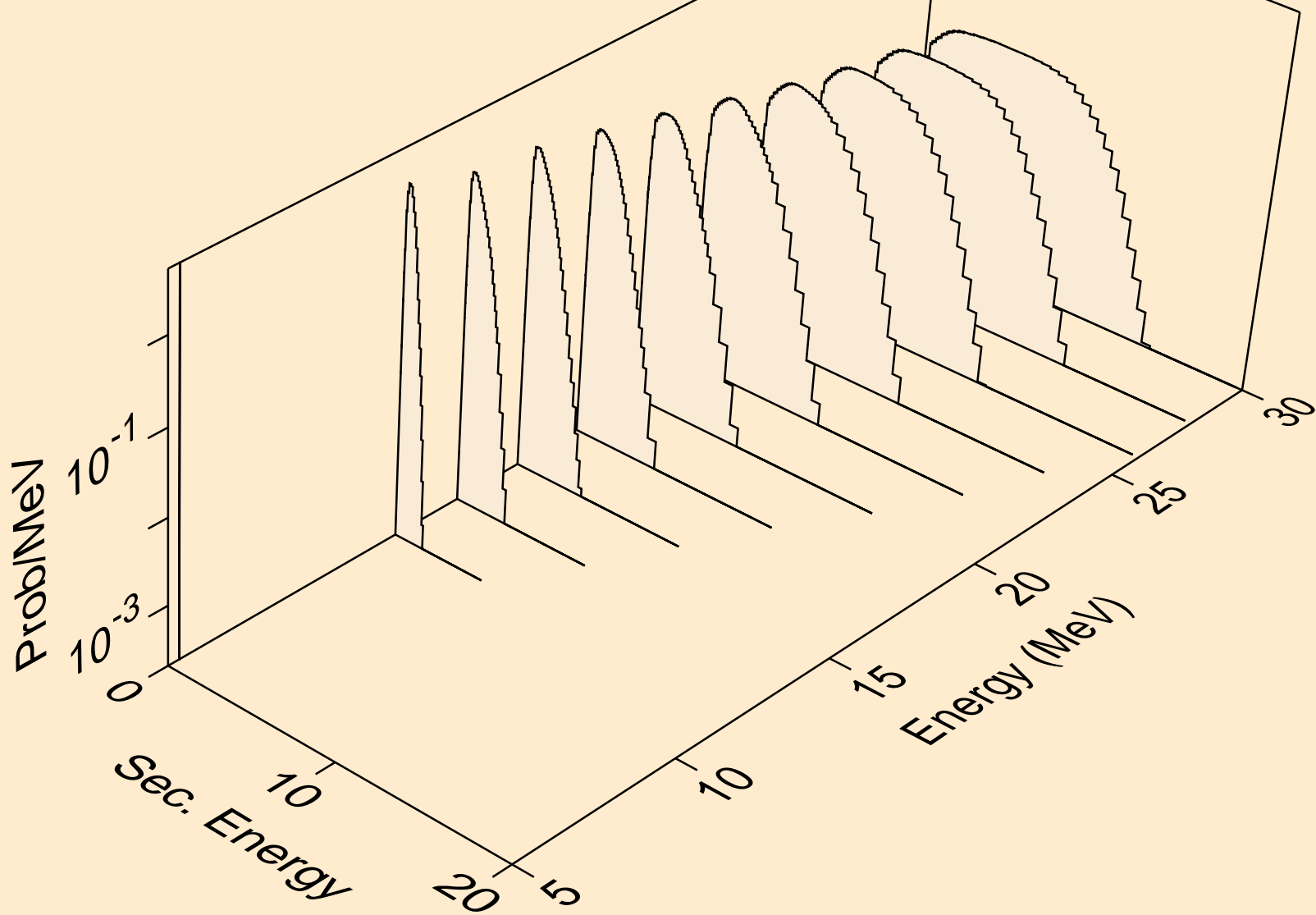


CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

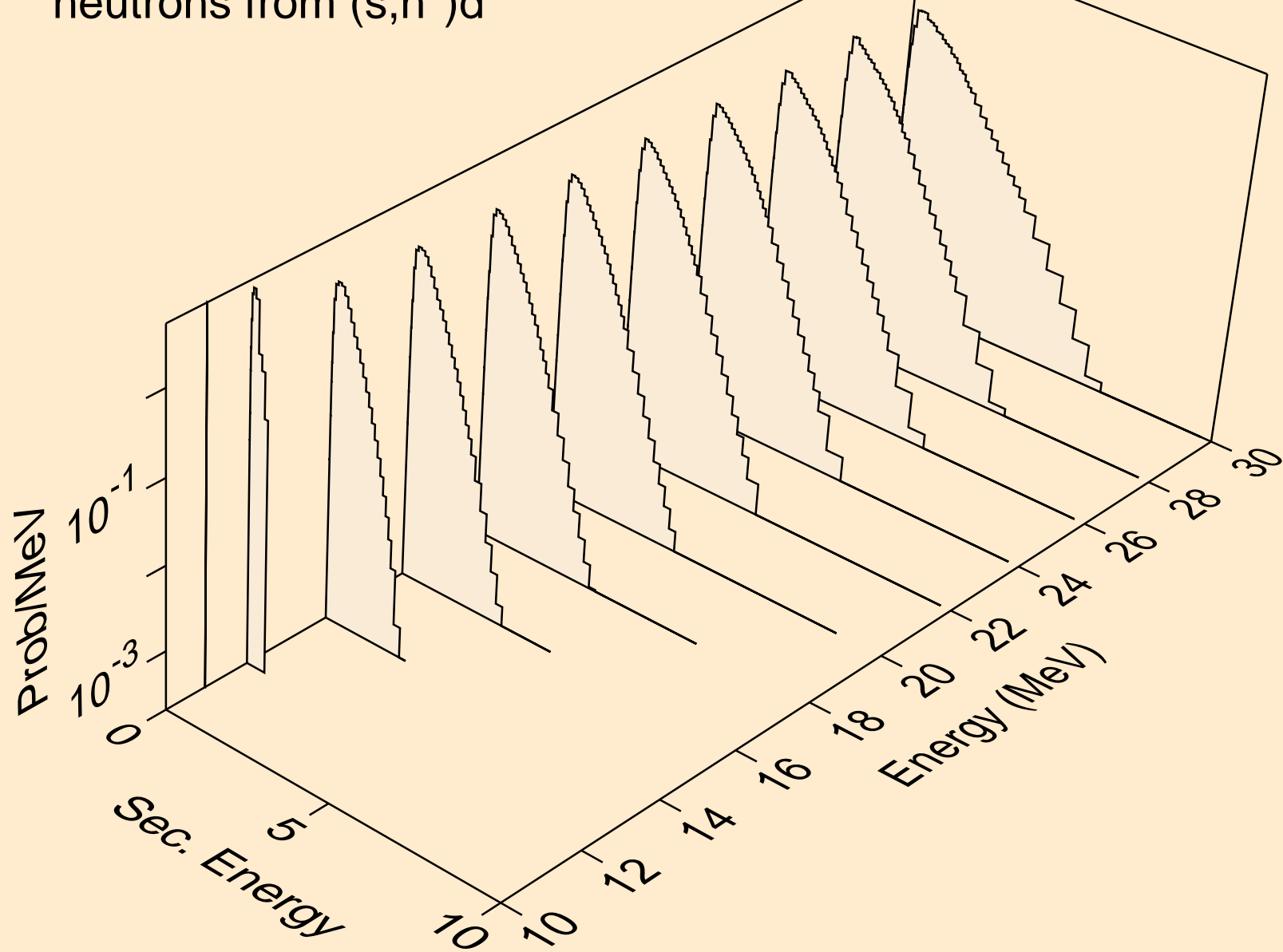




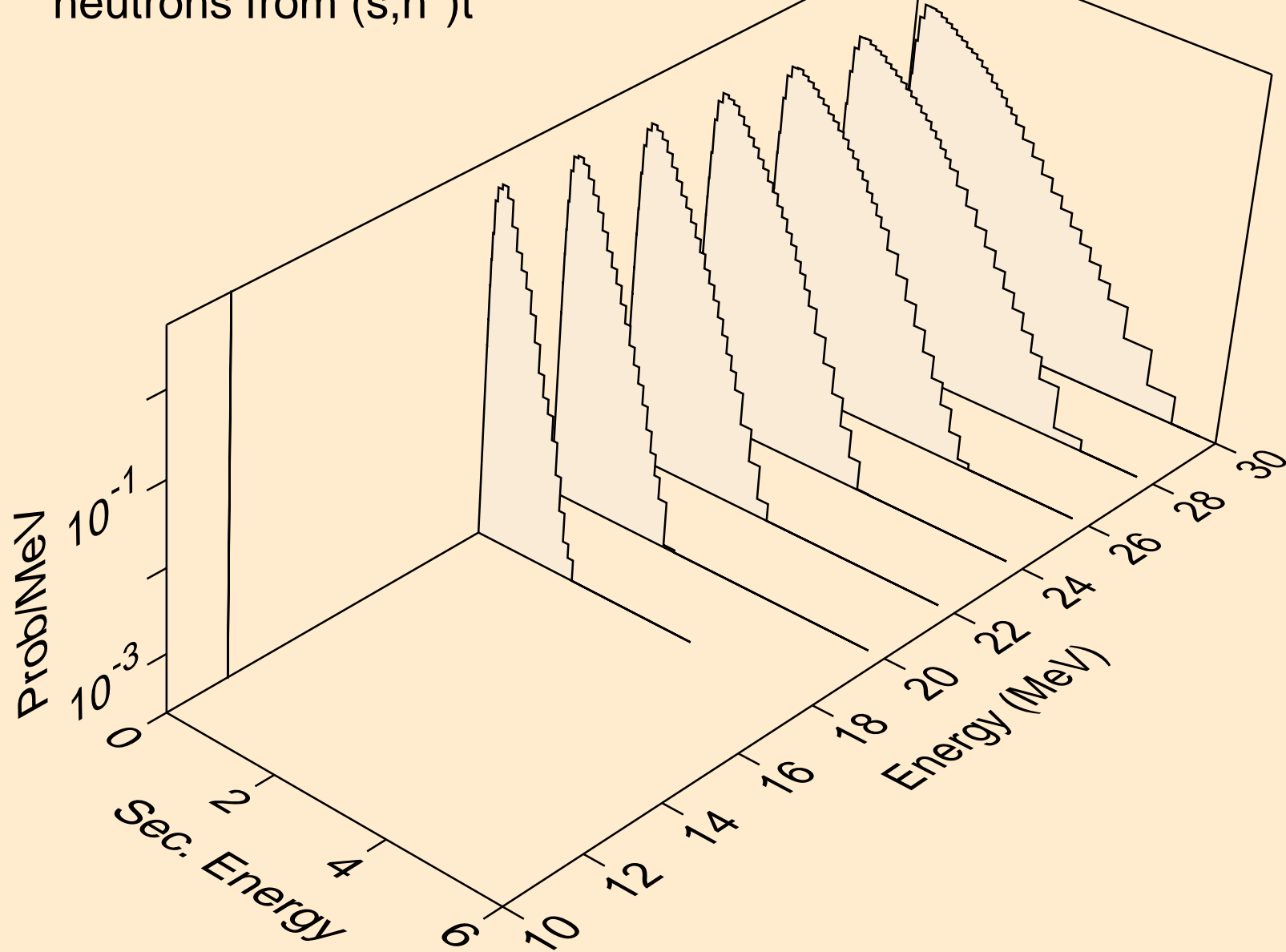
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



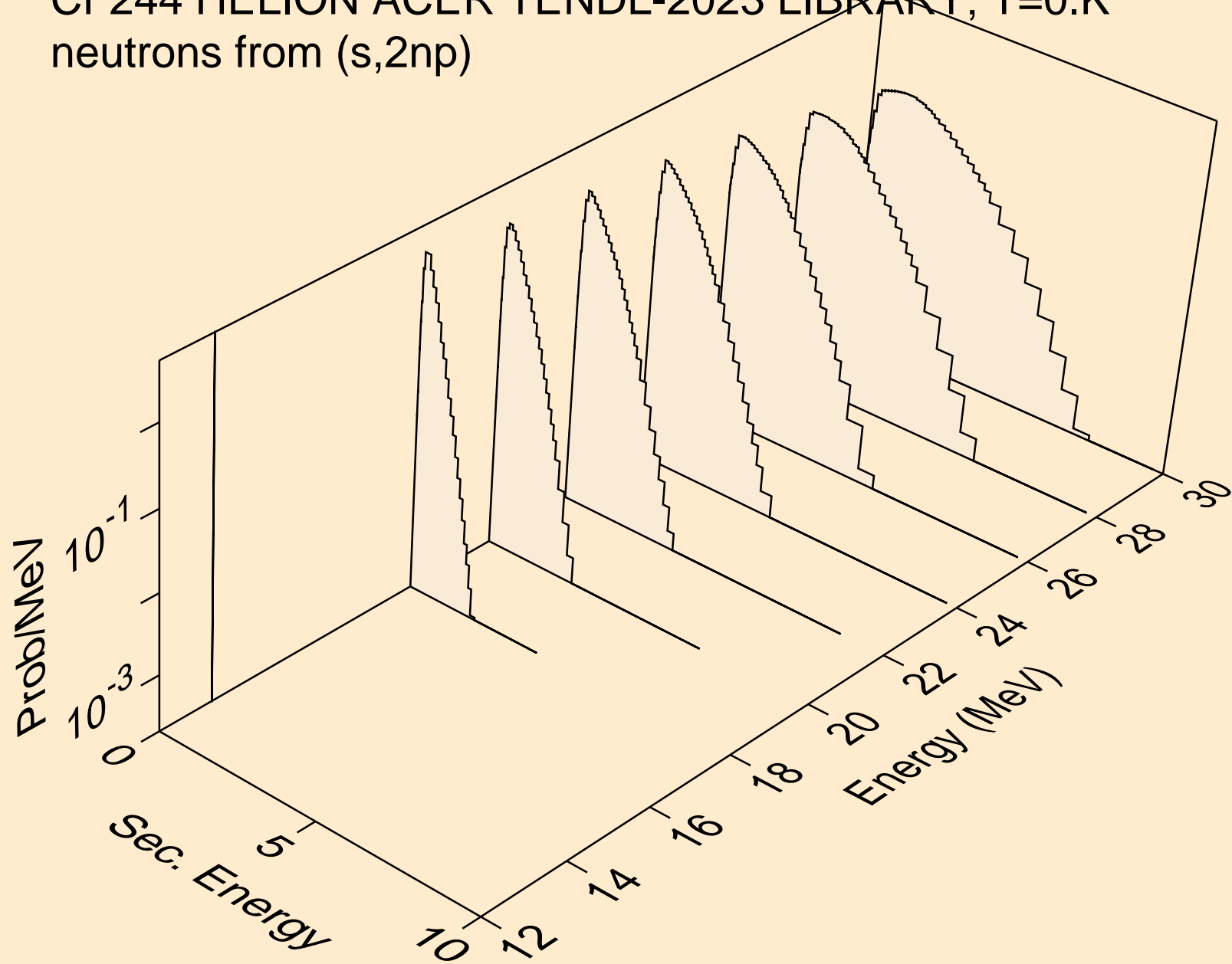
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



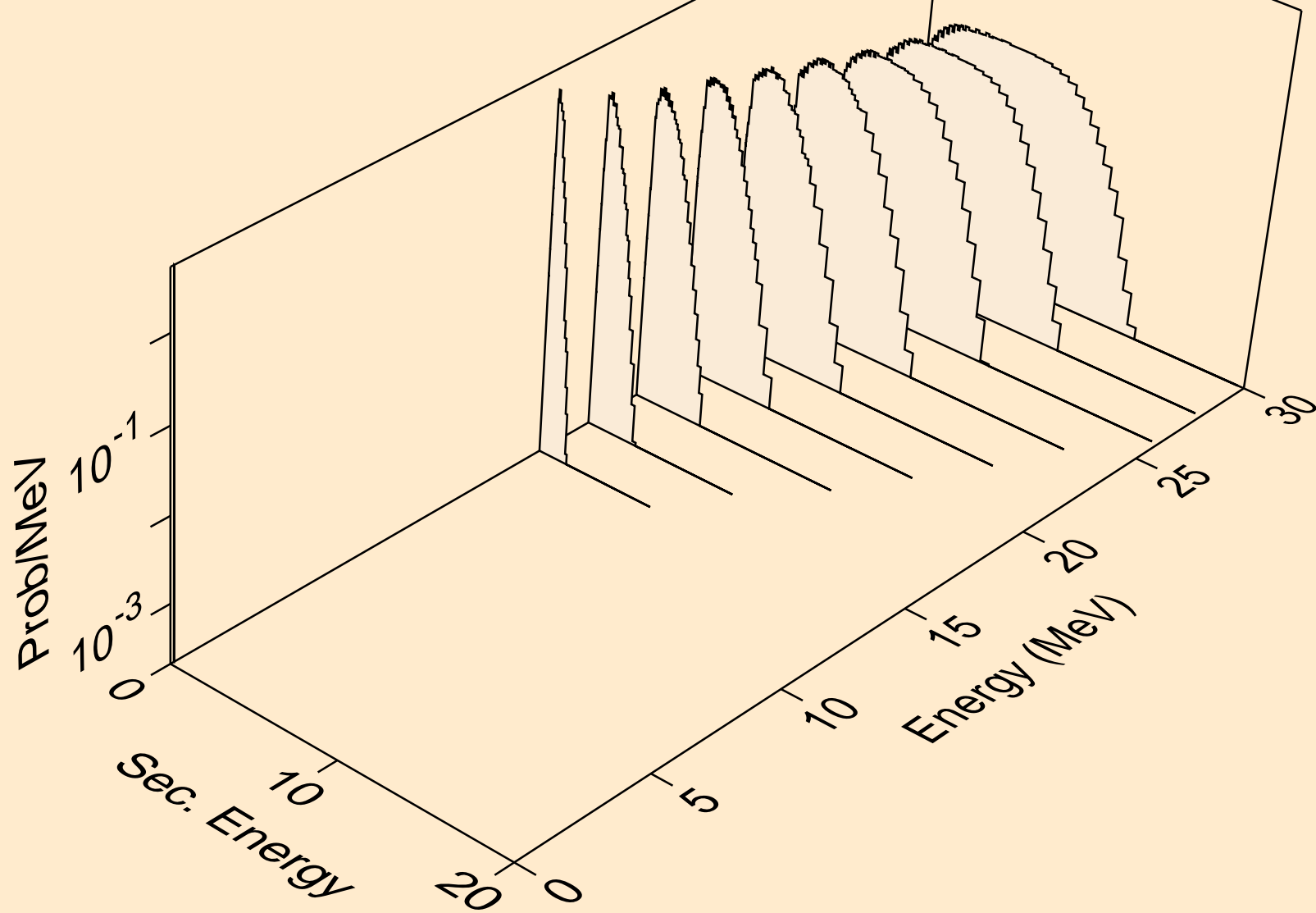
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



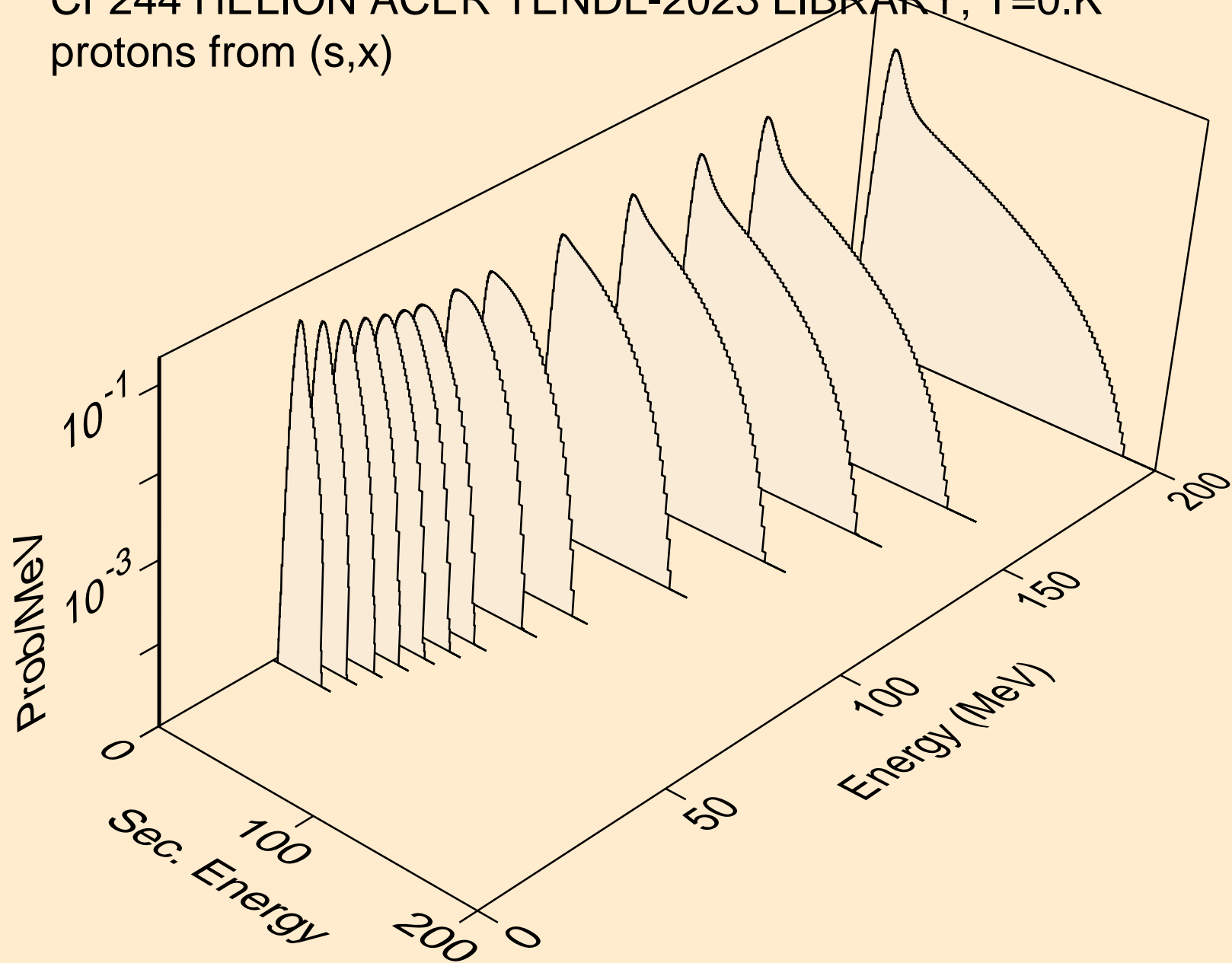
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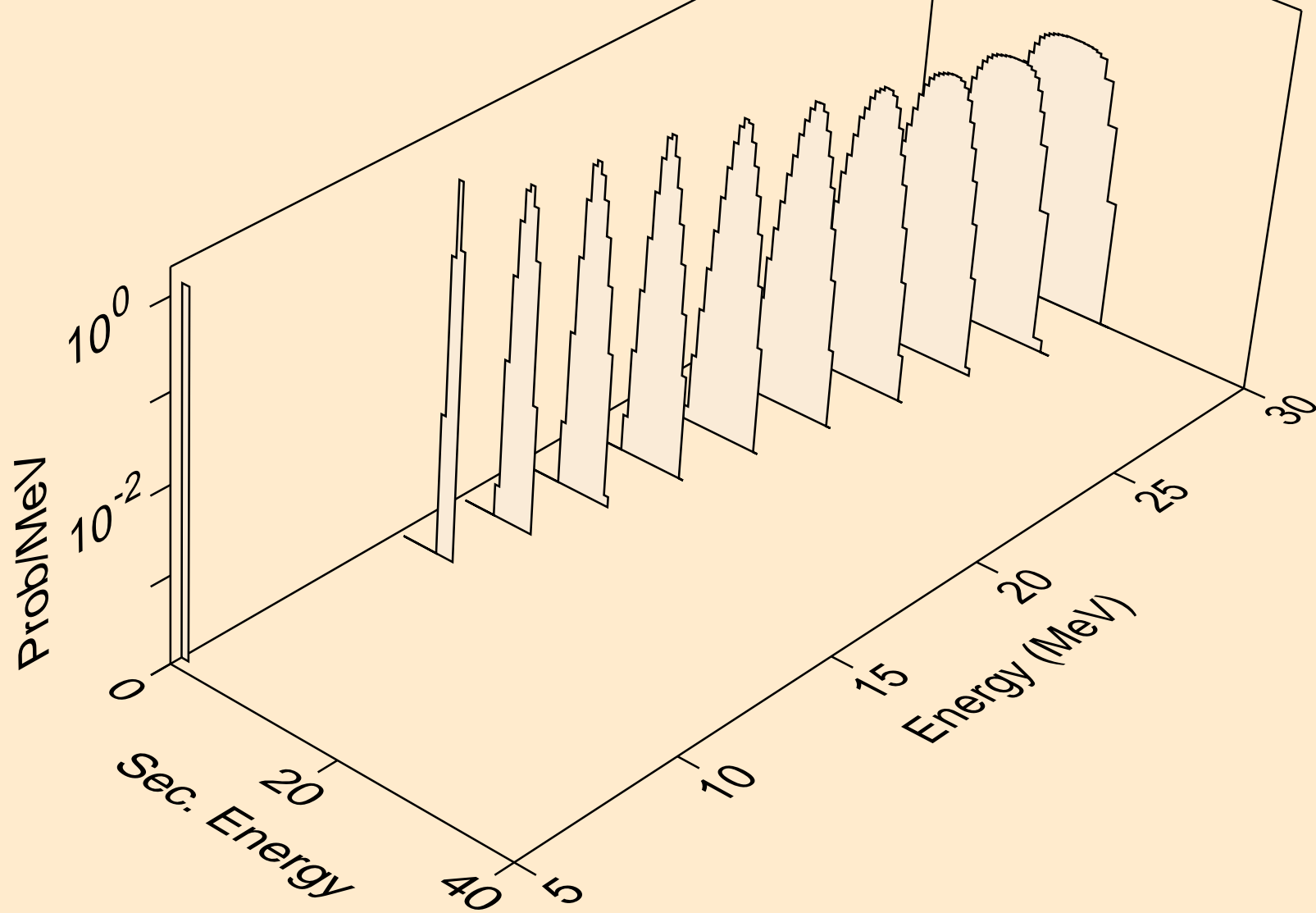
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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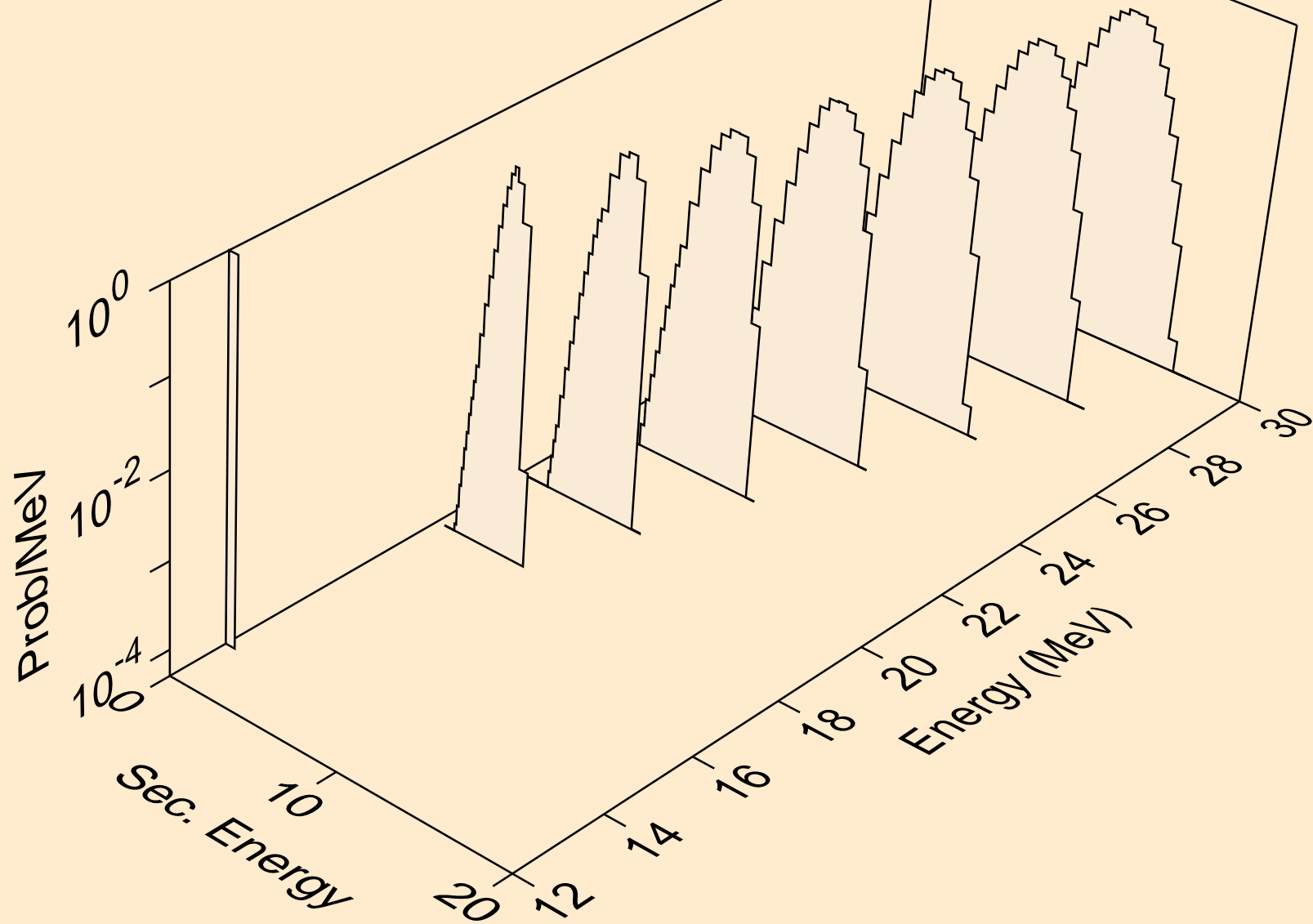
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p

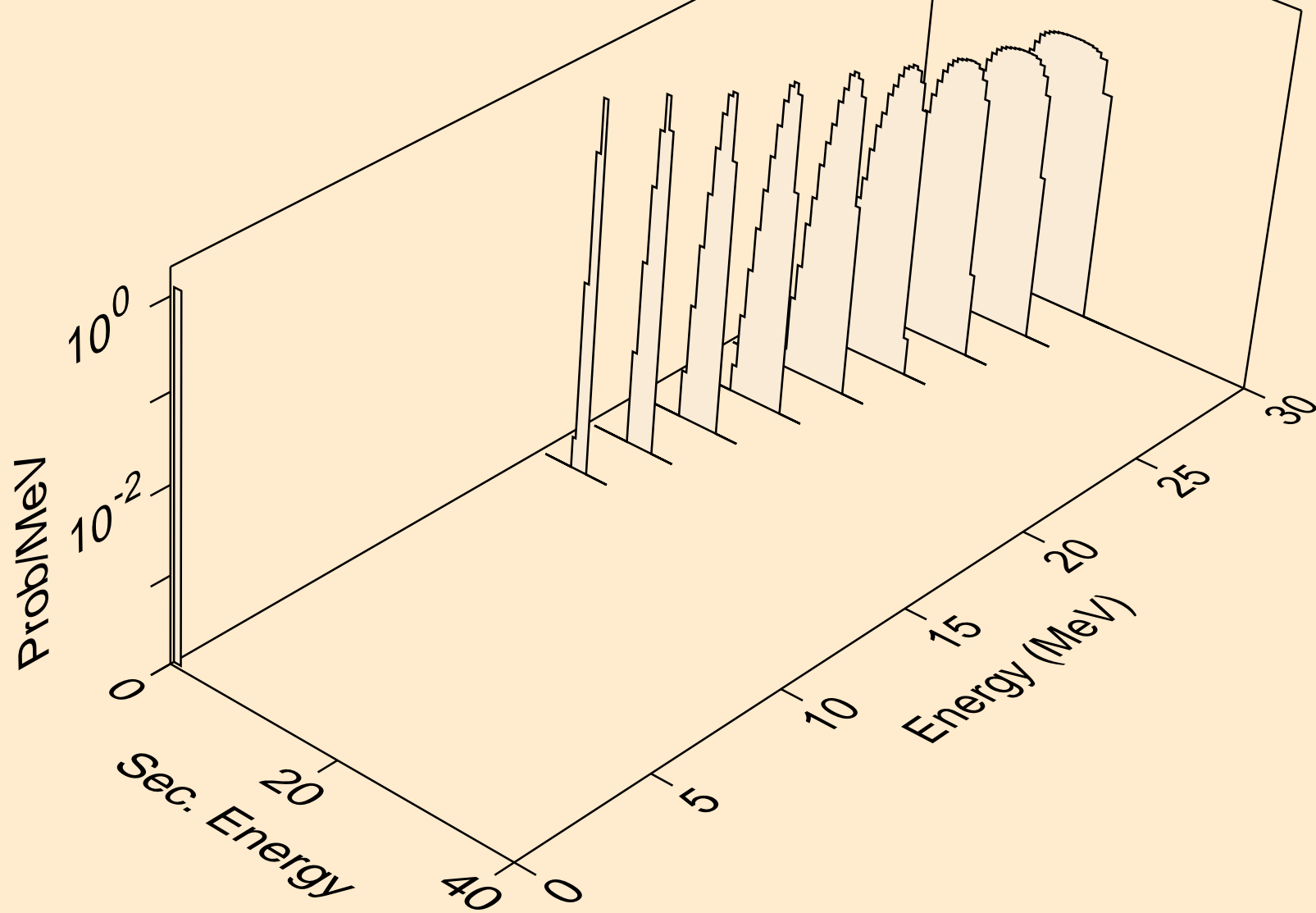


CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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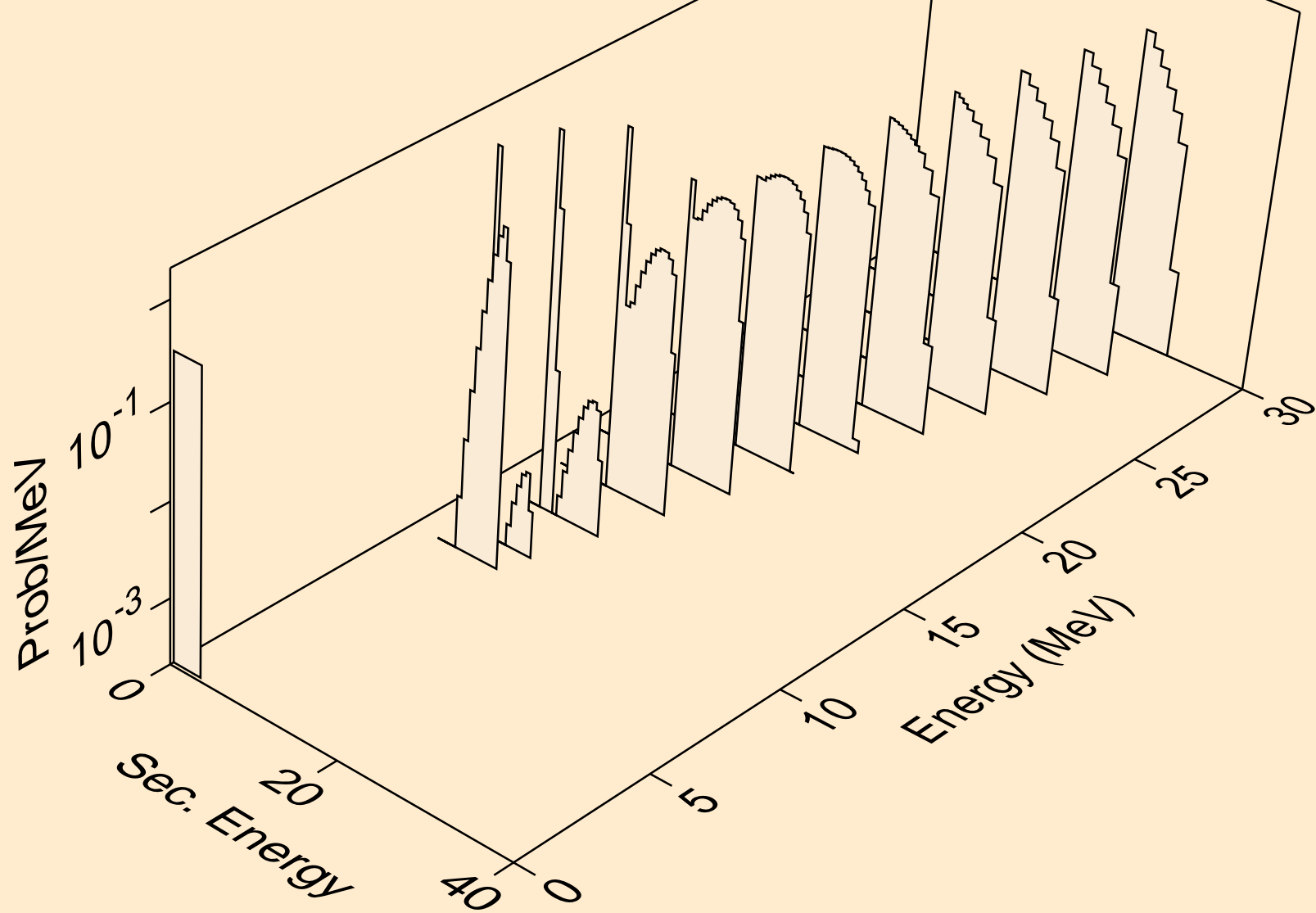




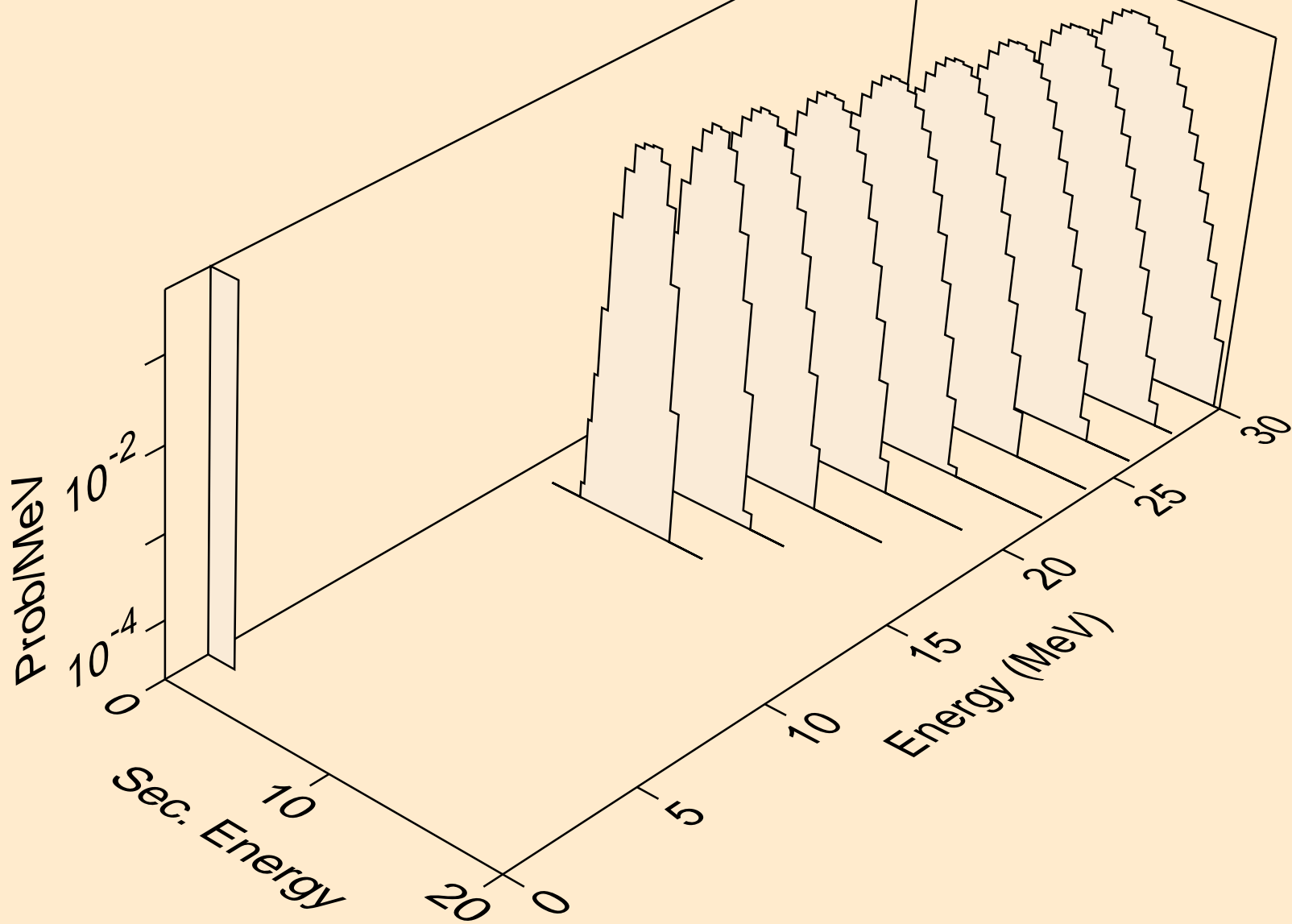
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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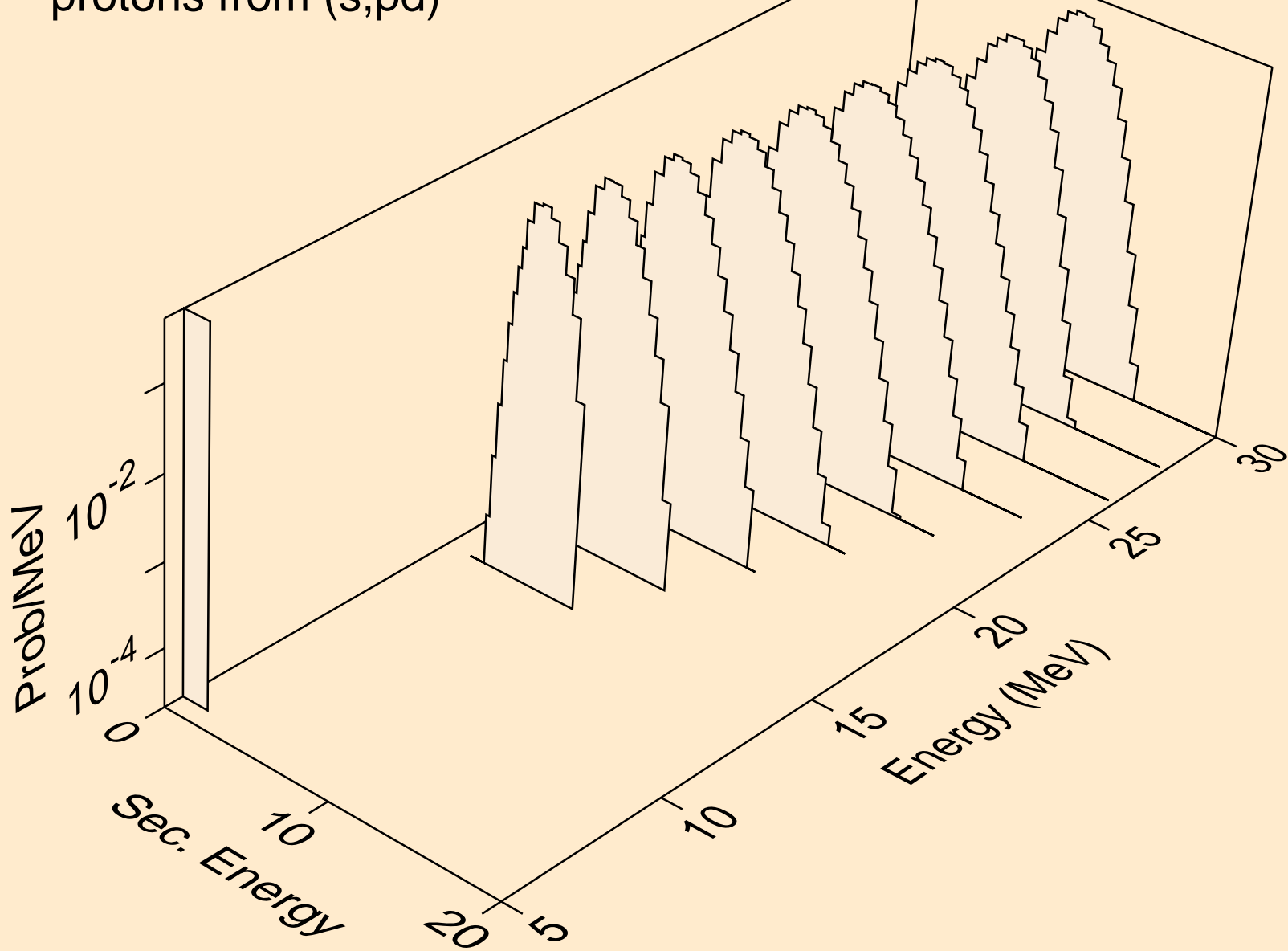
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



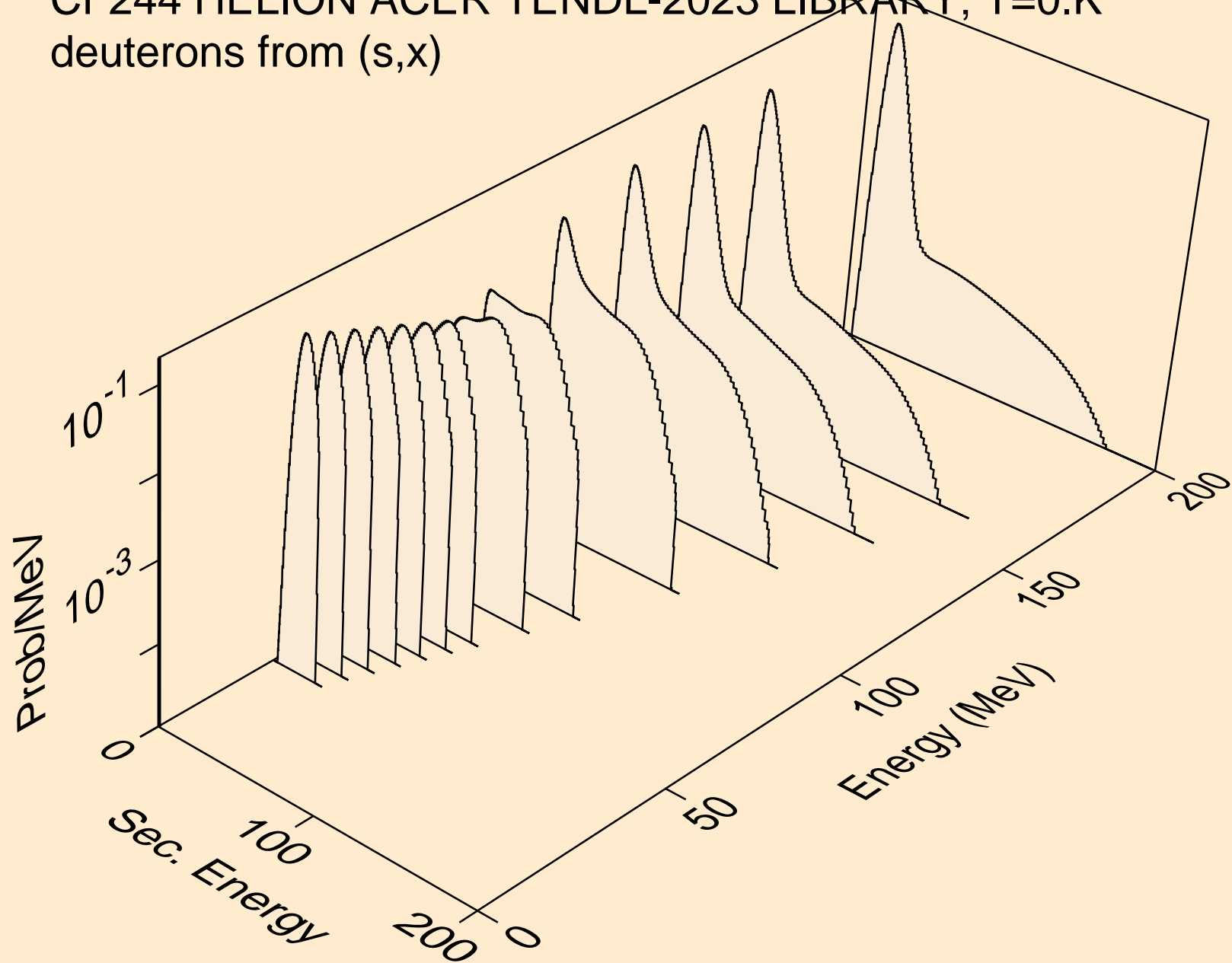
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



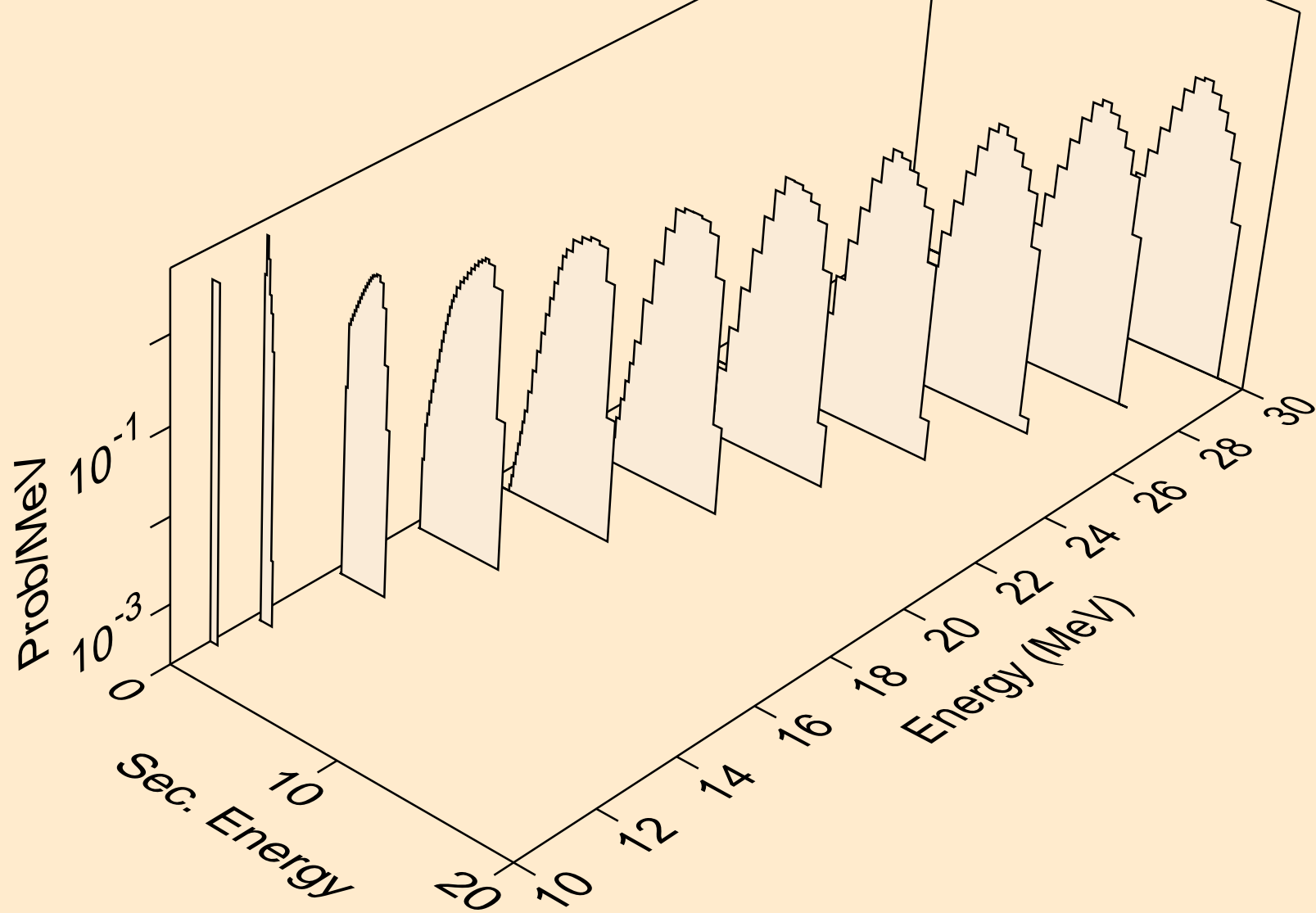
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



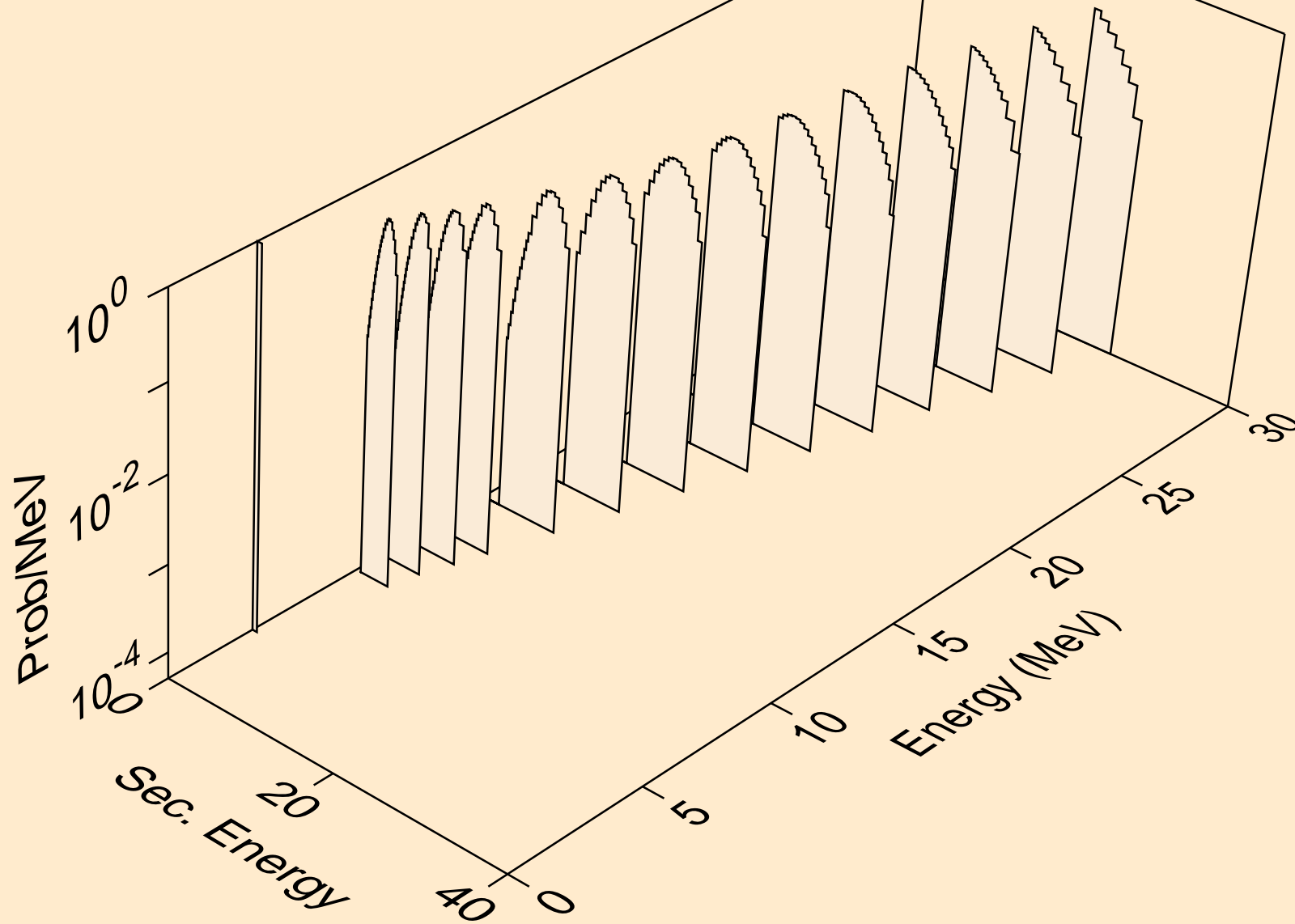
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



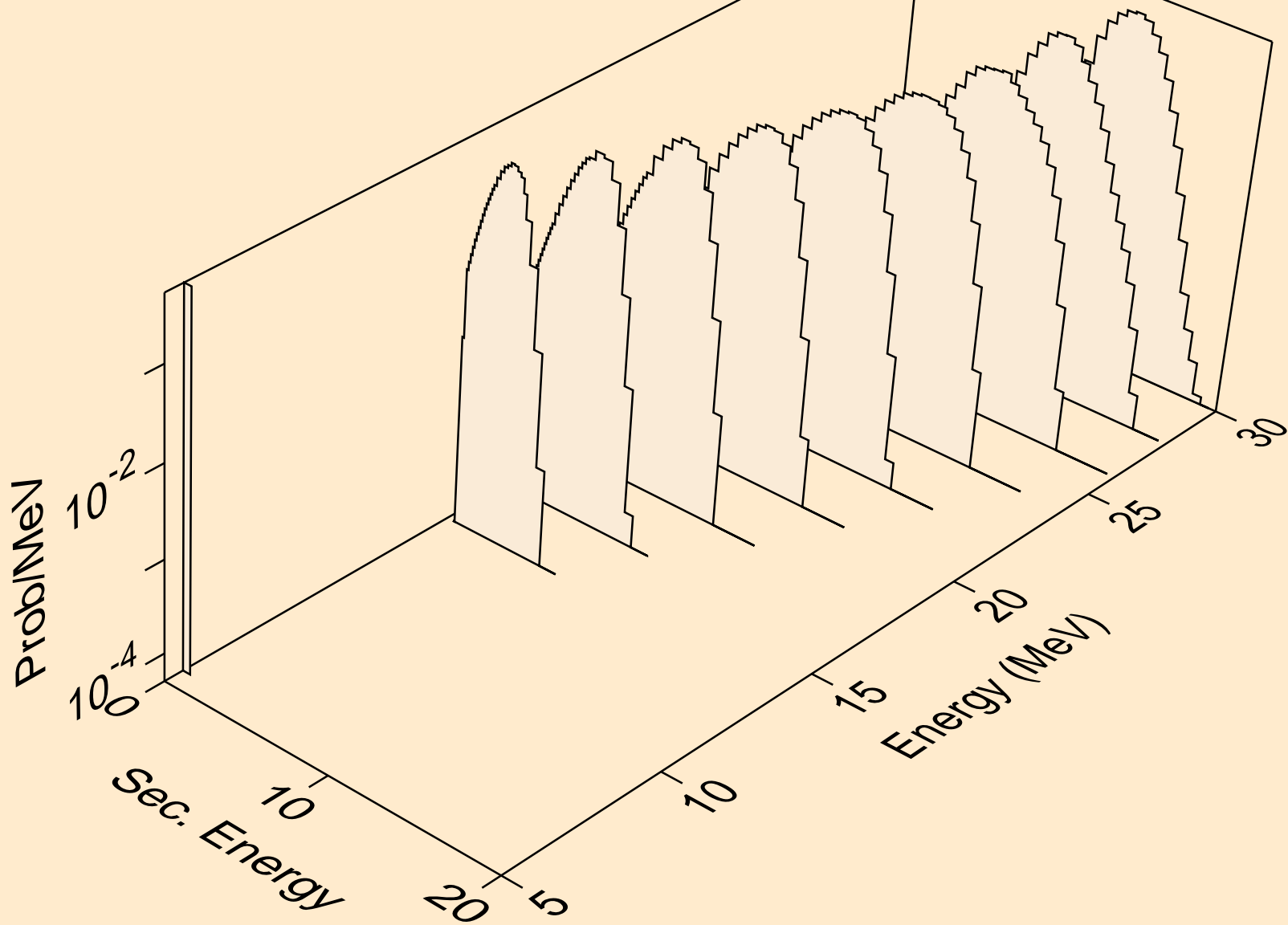
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)

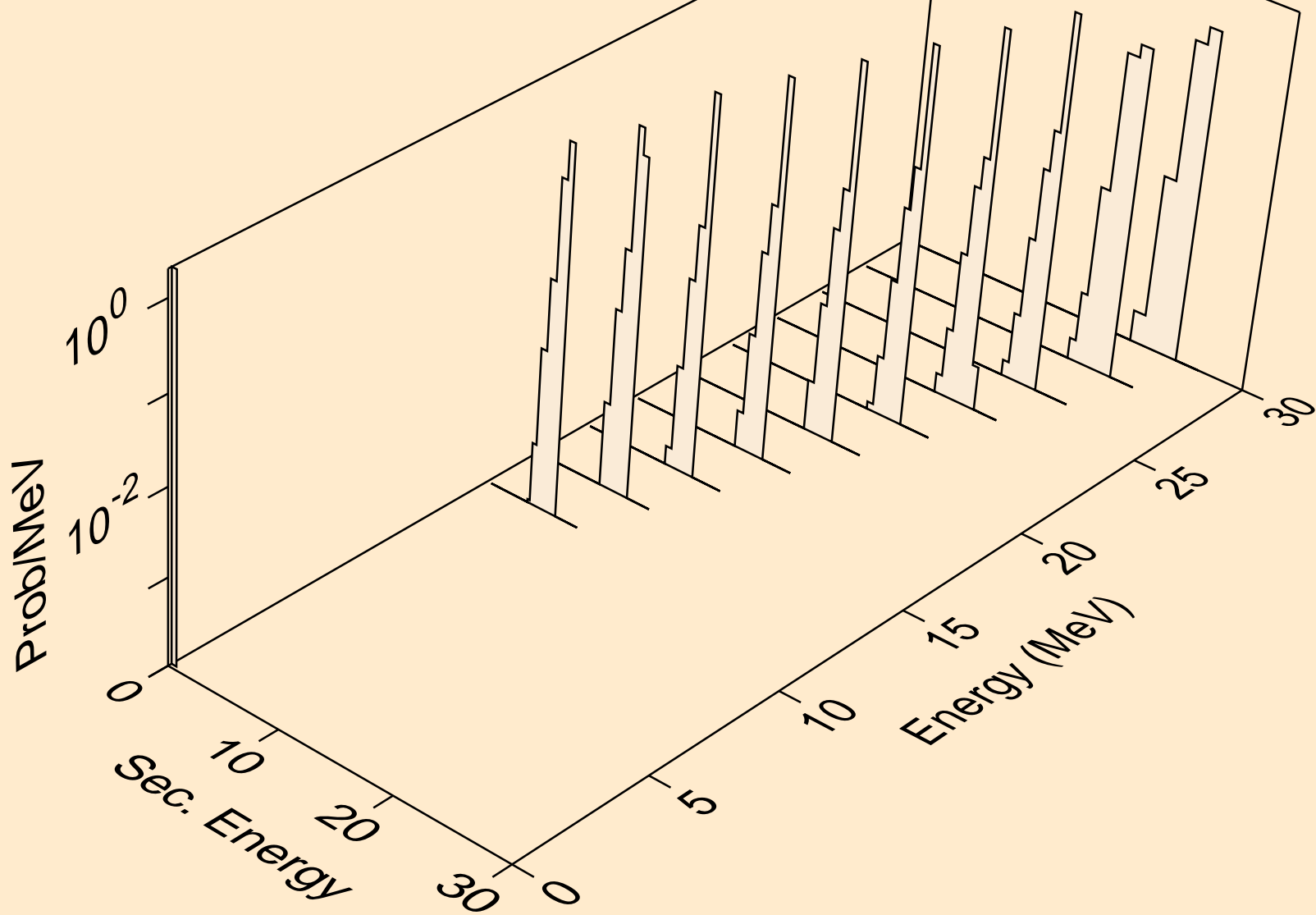


CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)

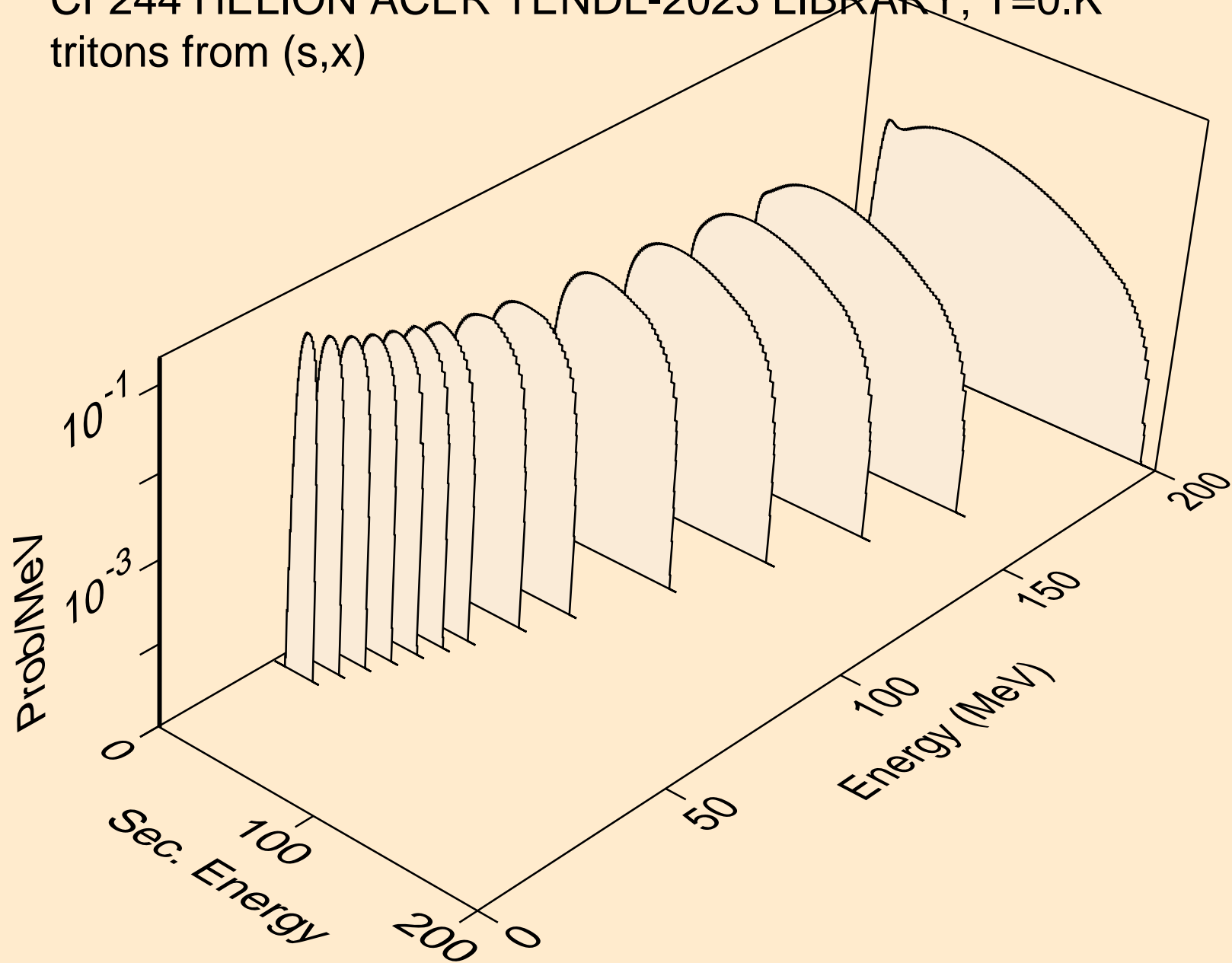




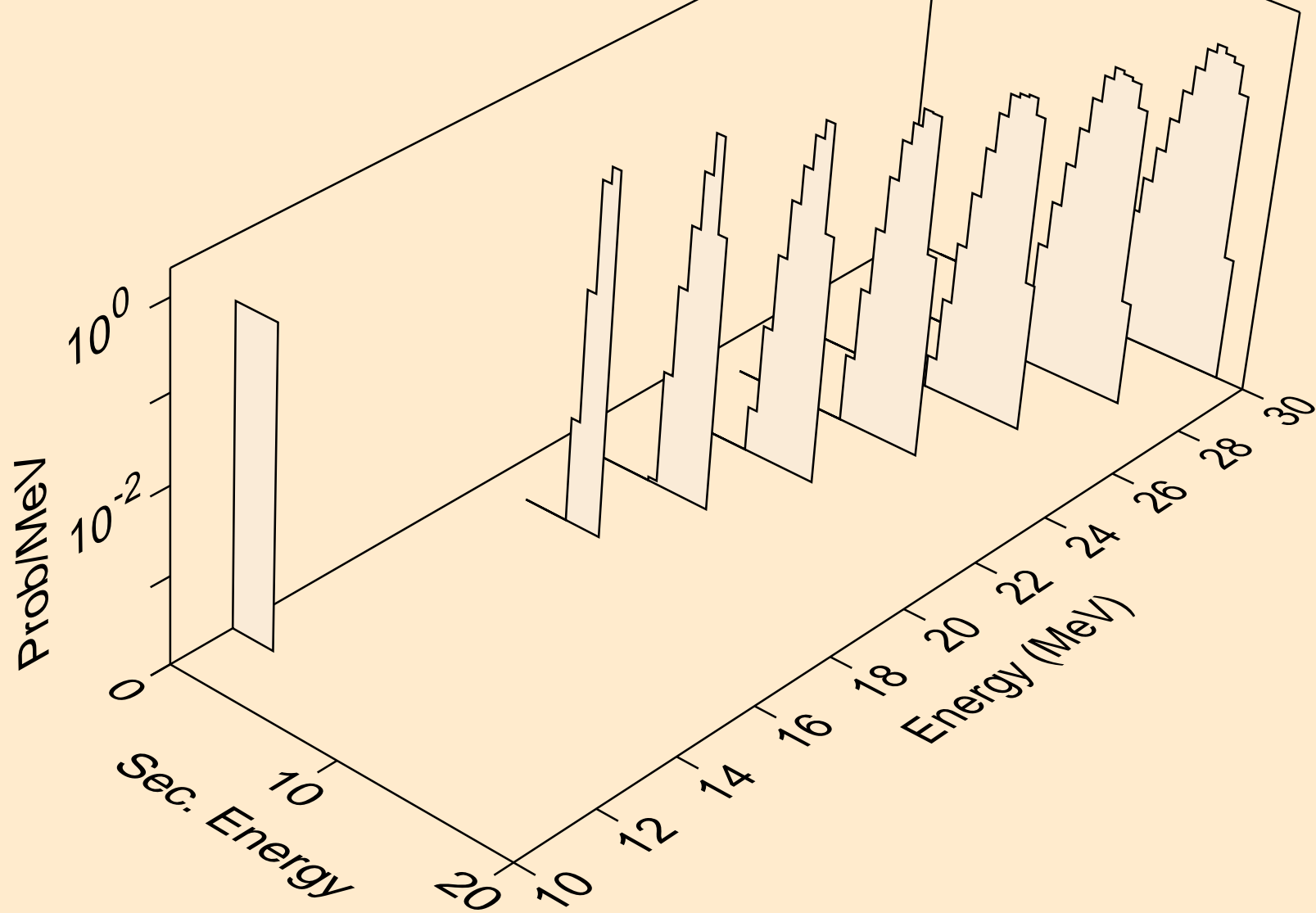
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



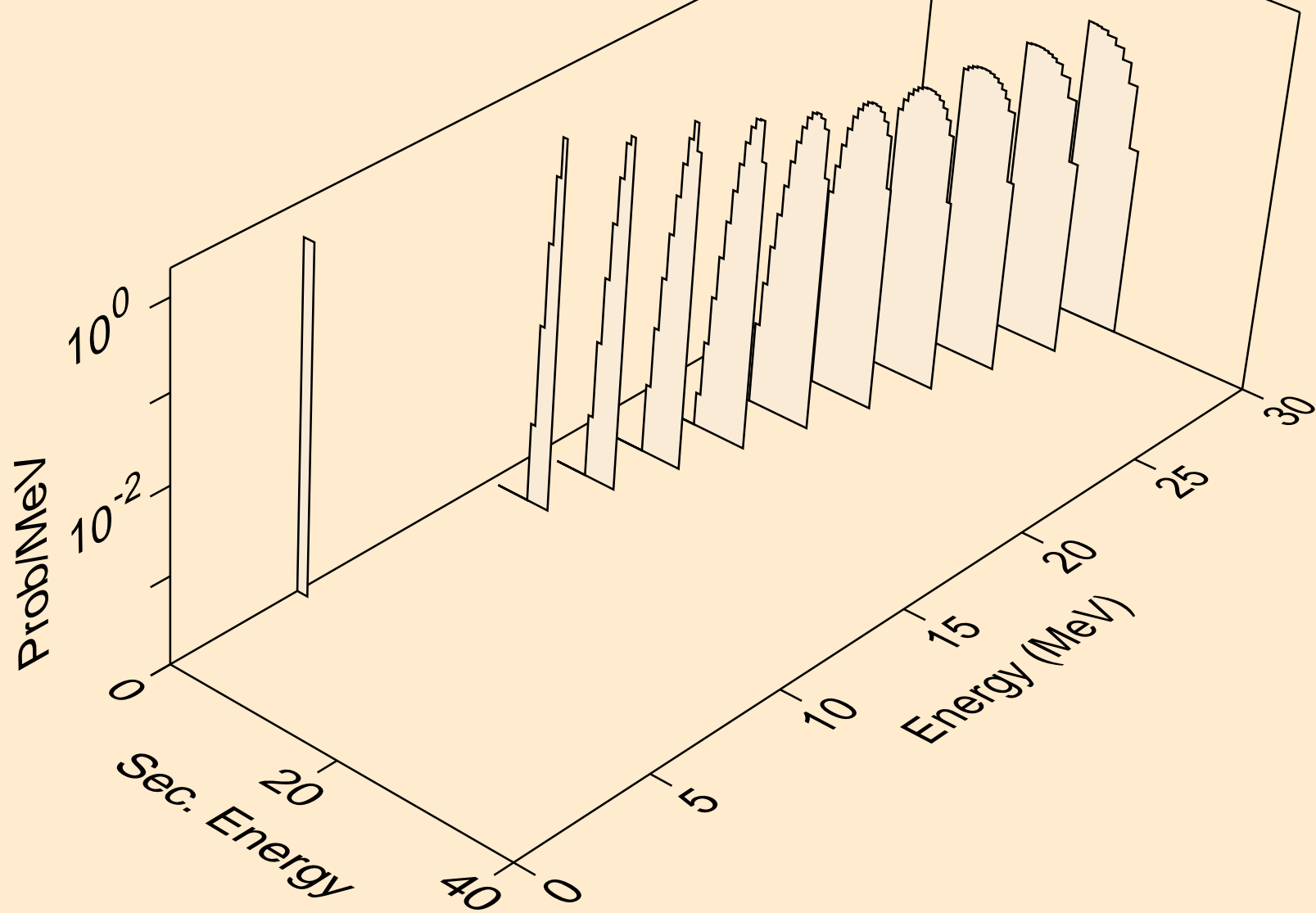
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



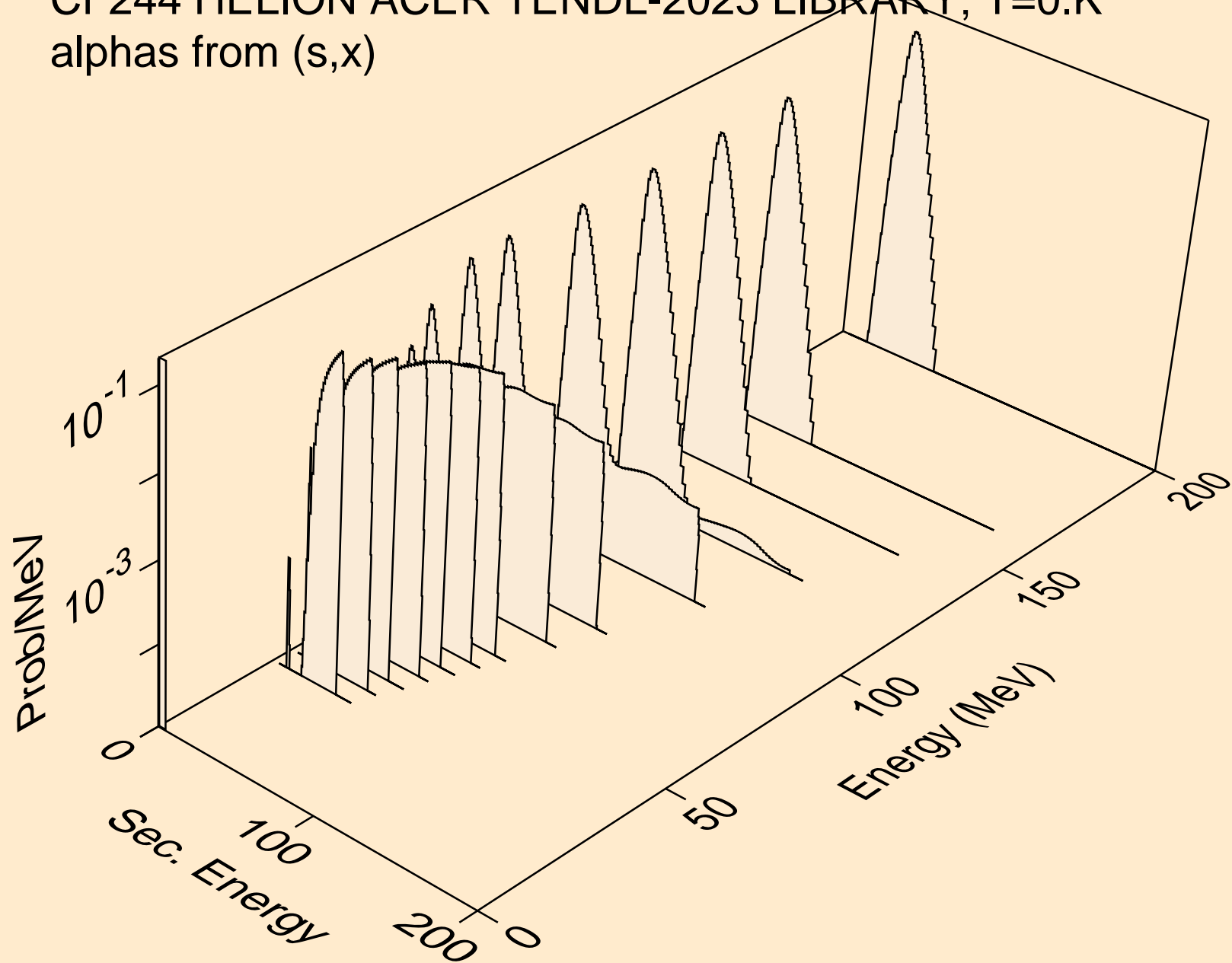
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



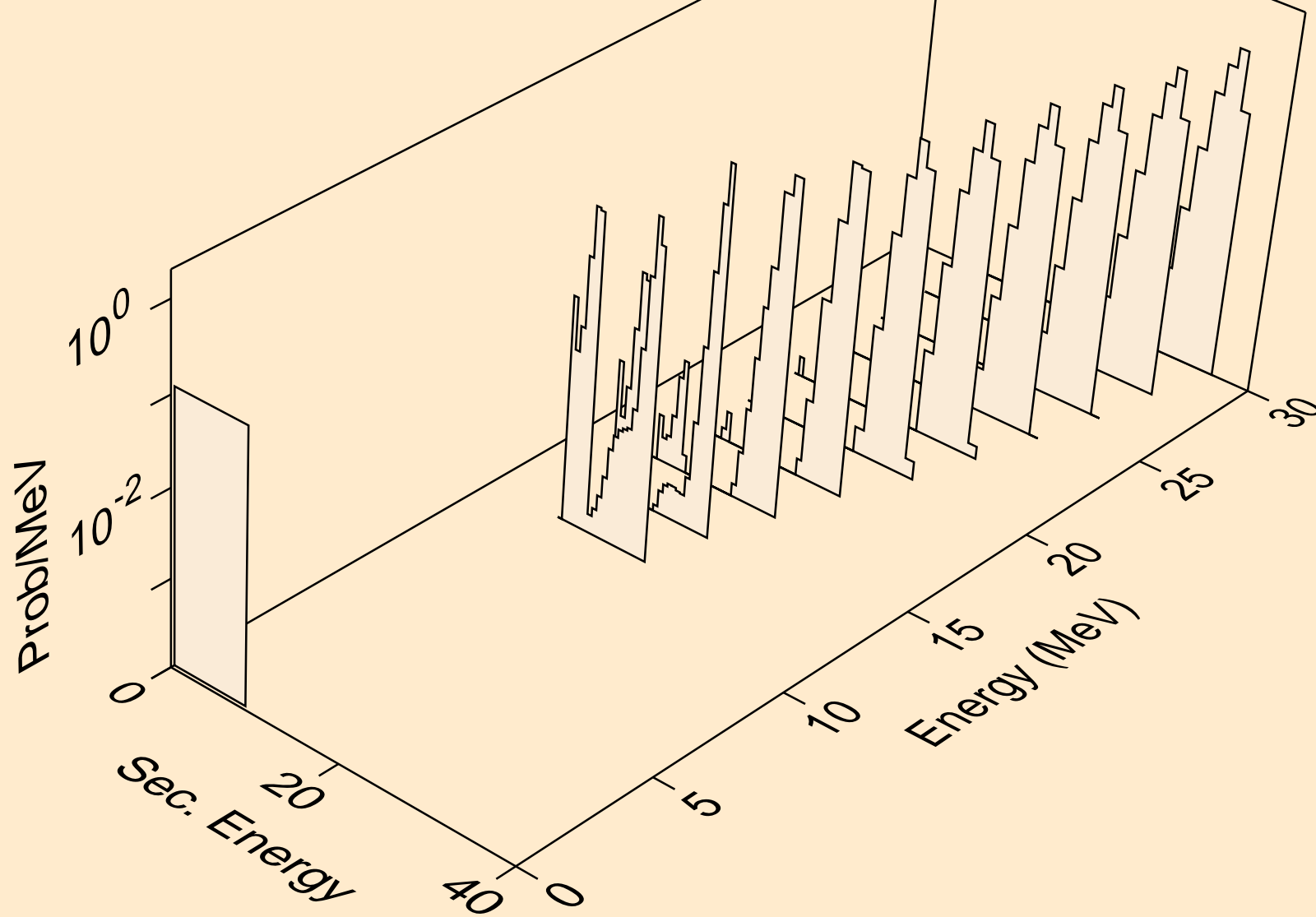
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



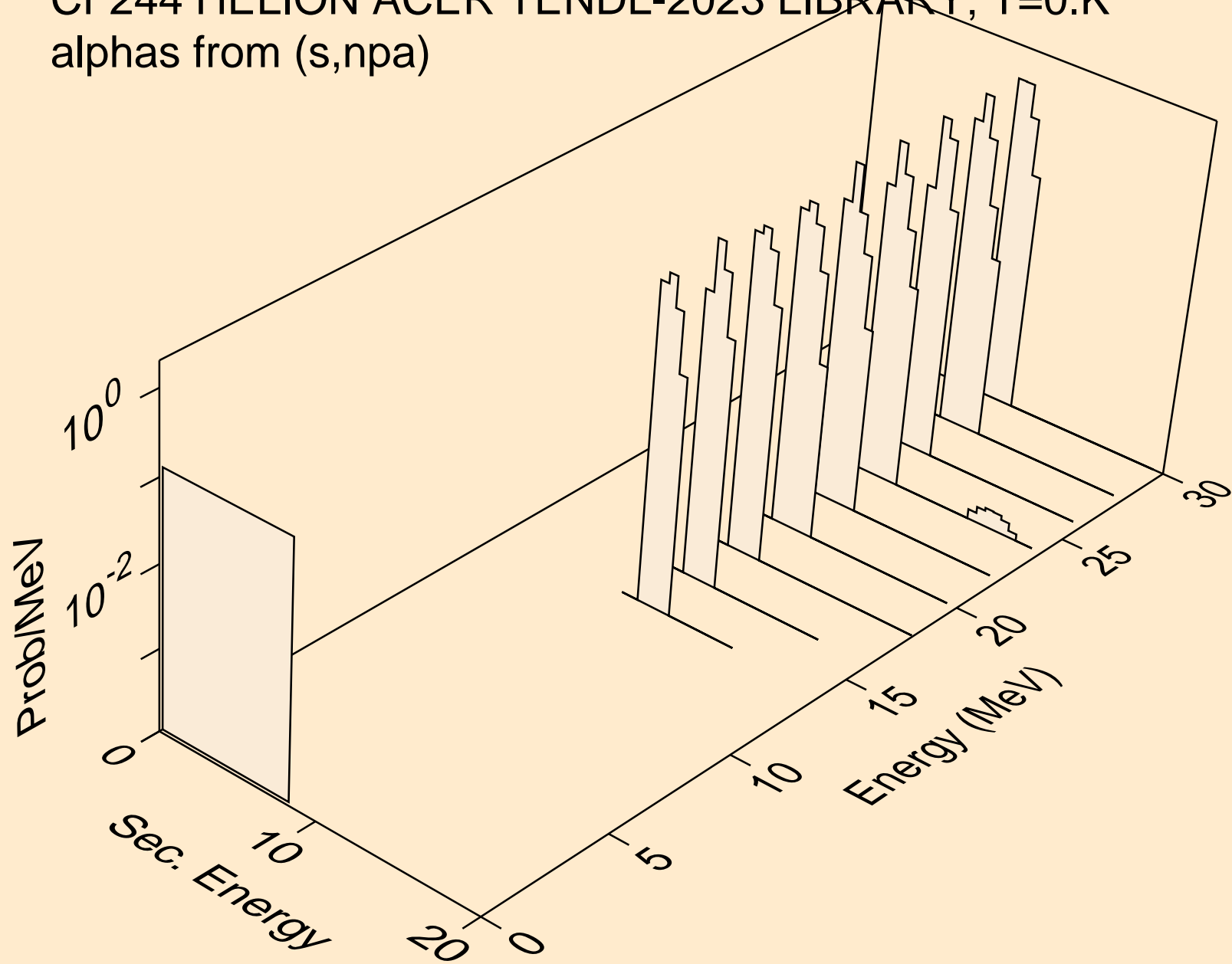
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



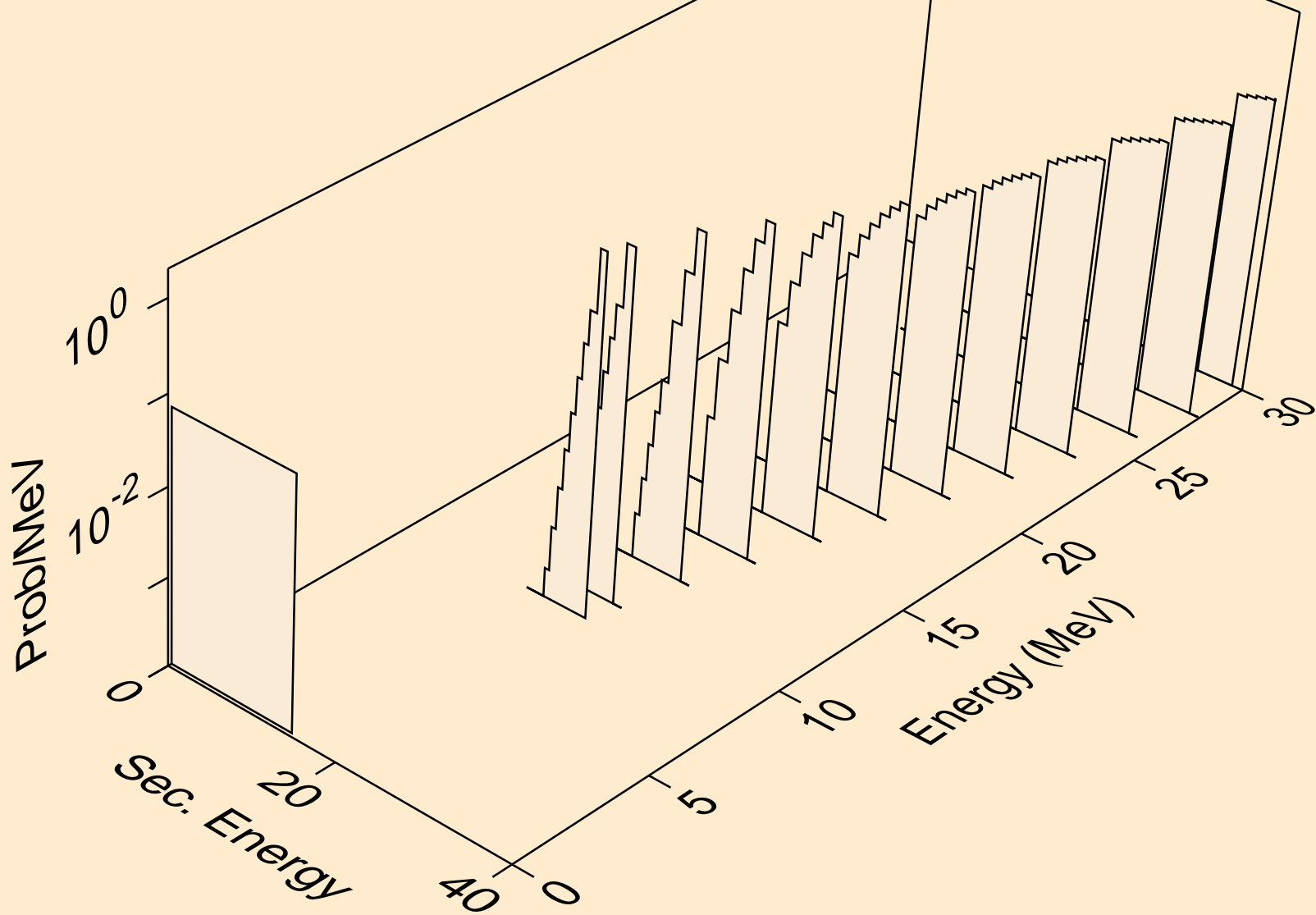
CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)

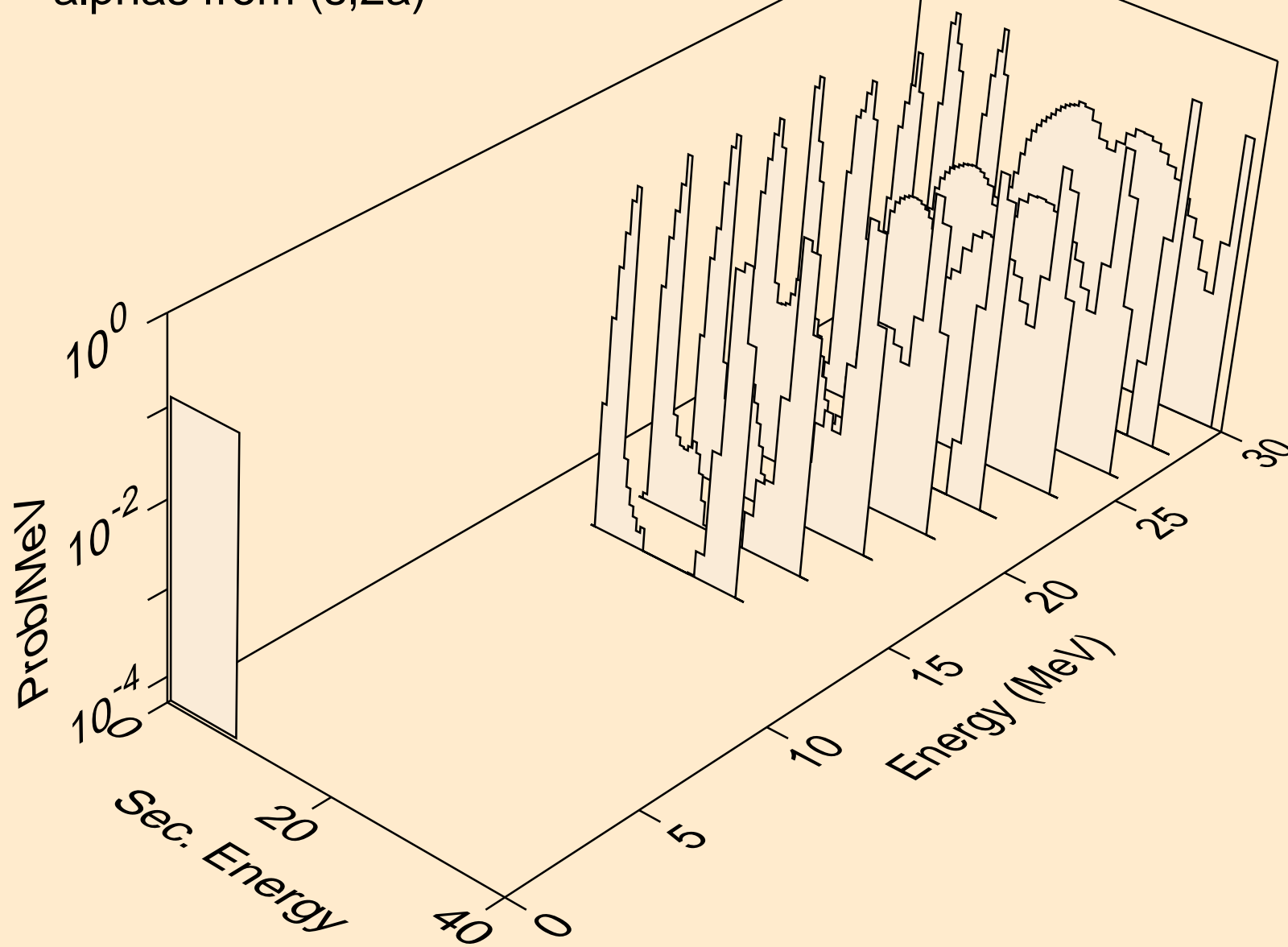


CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)





CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



CF244 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

