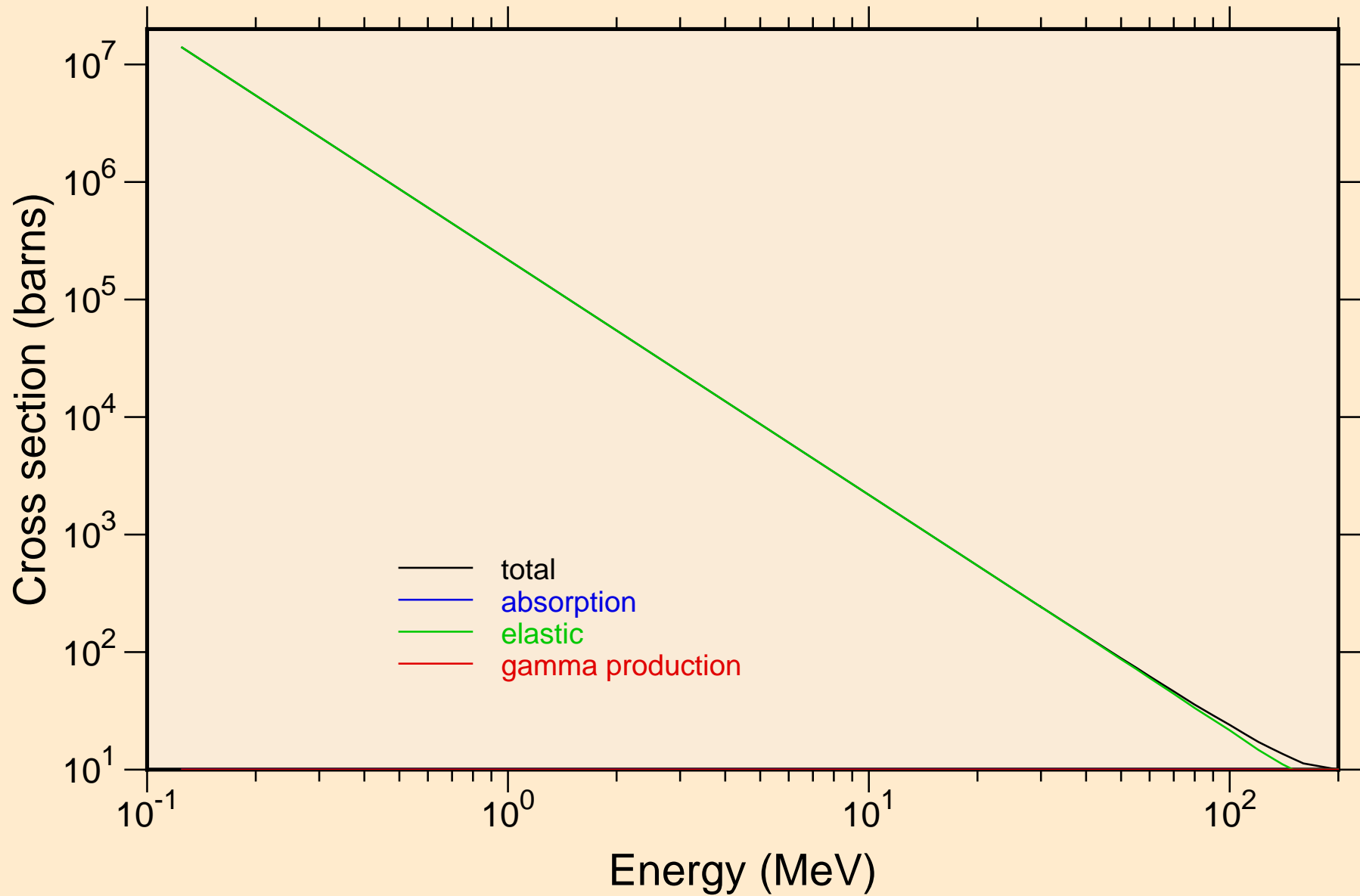
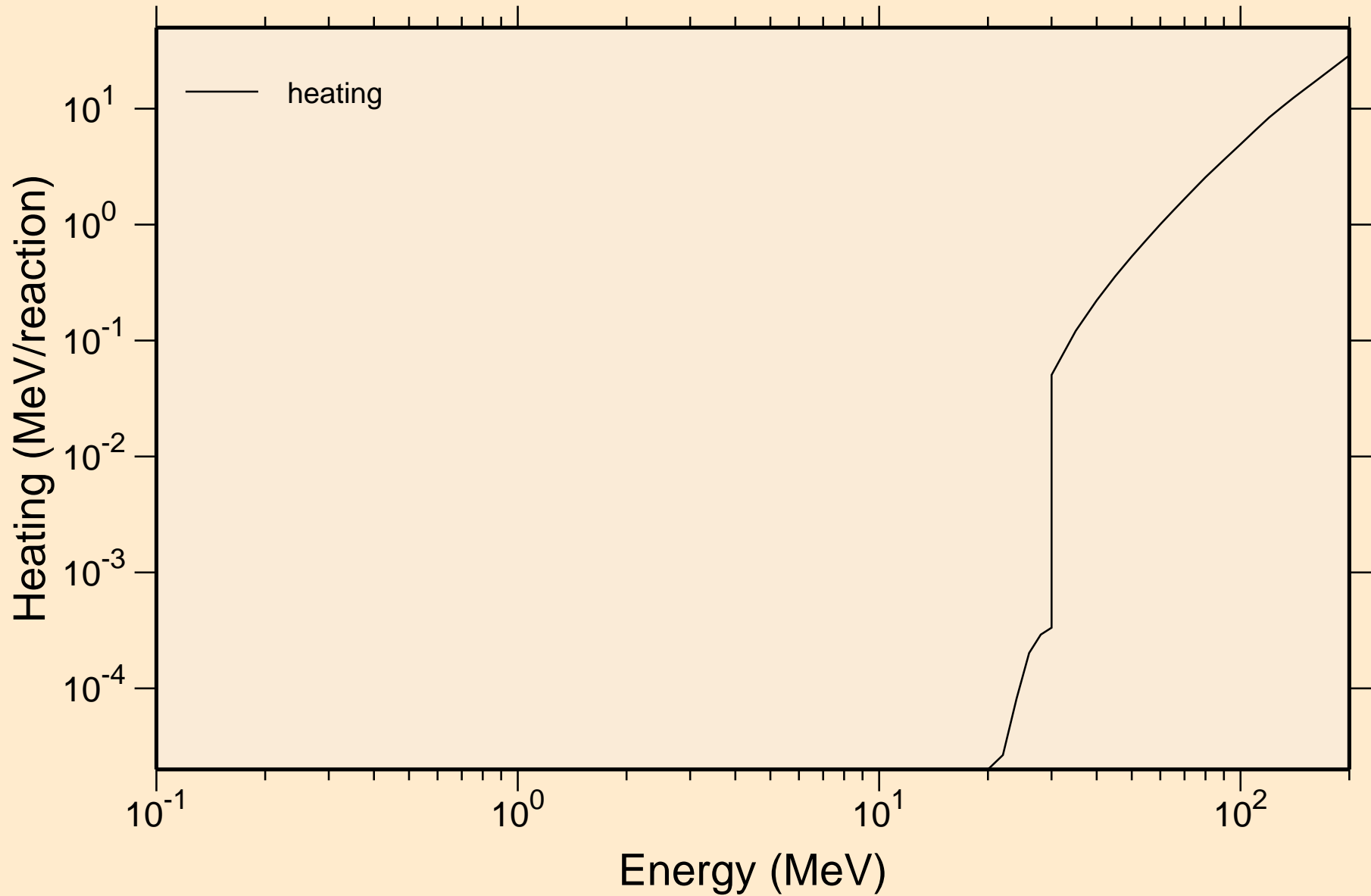


NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



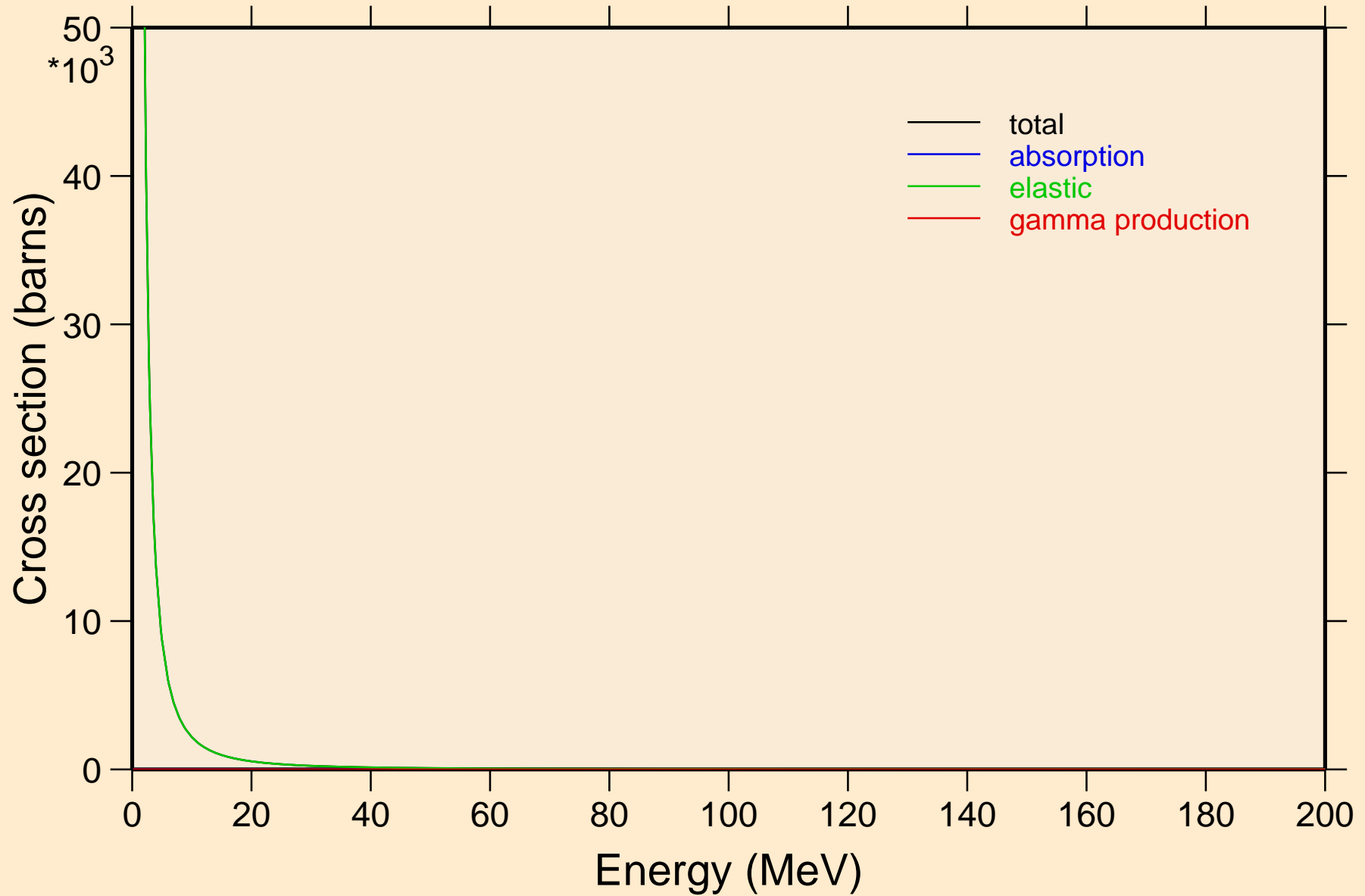
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



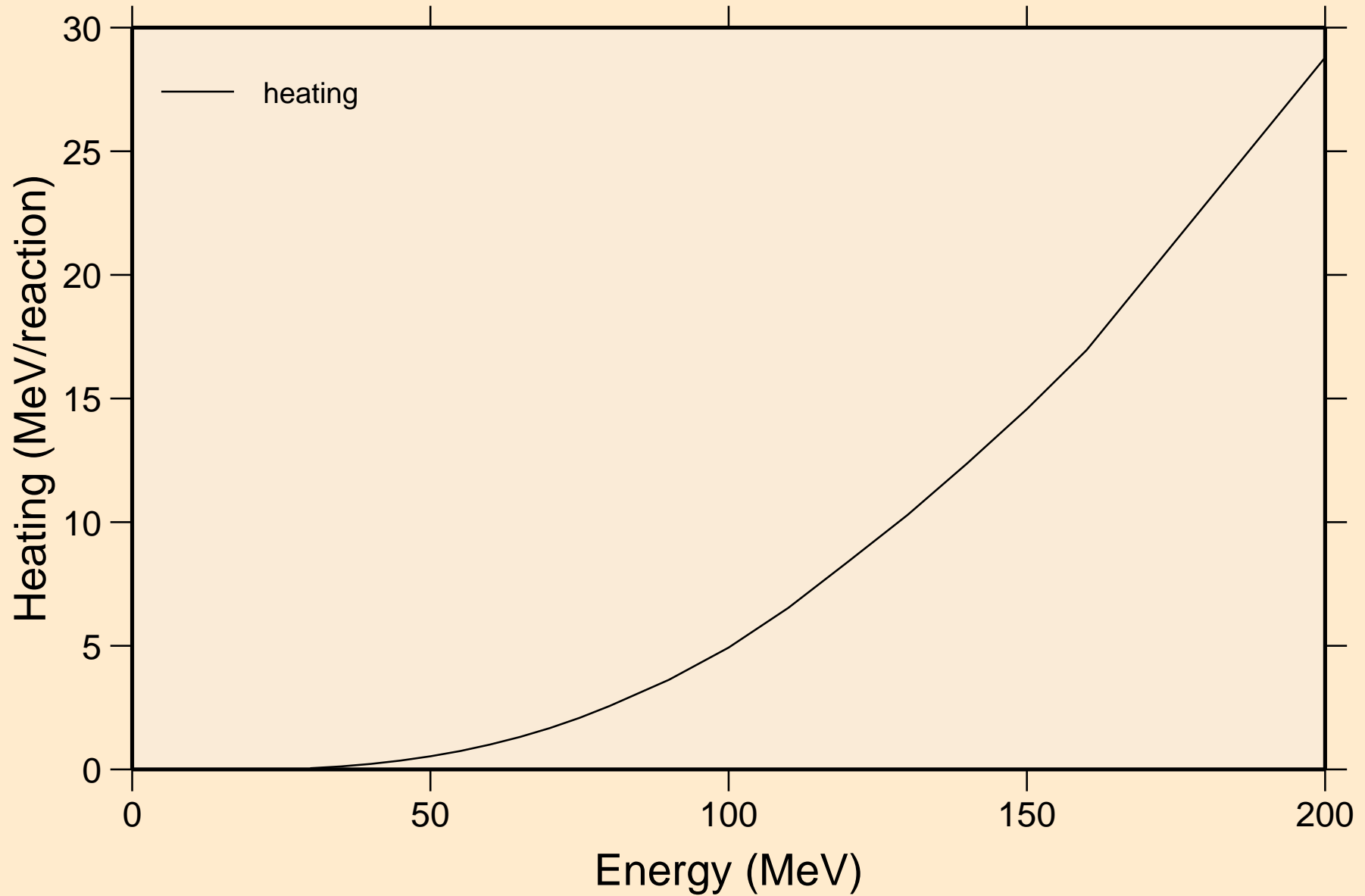
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## Principal cross sections

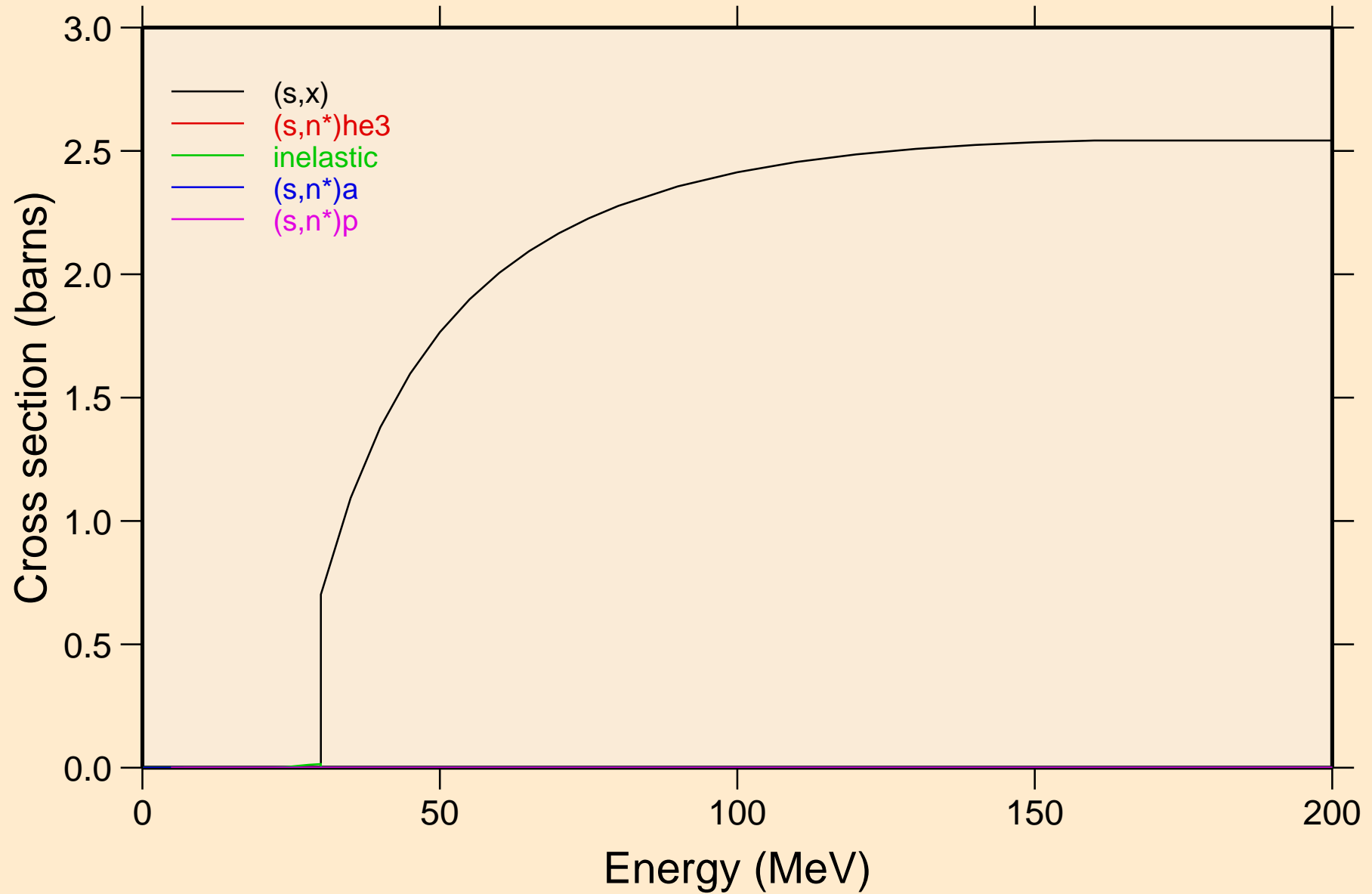


NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K

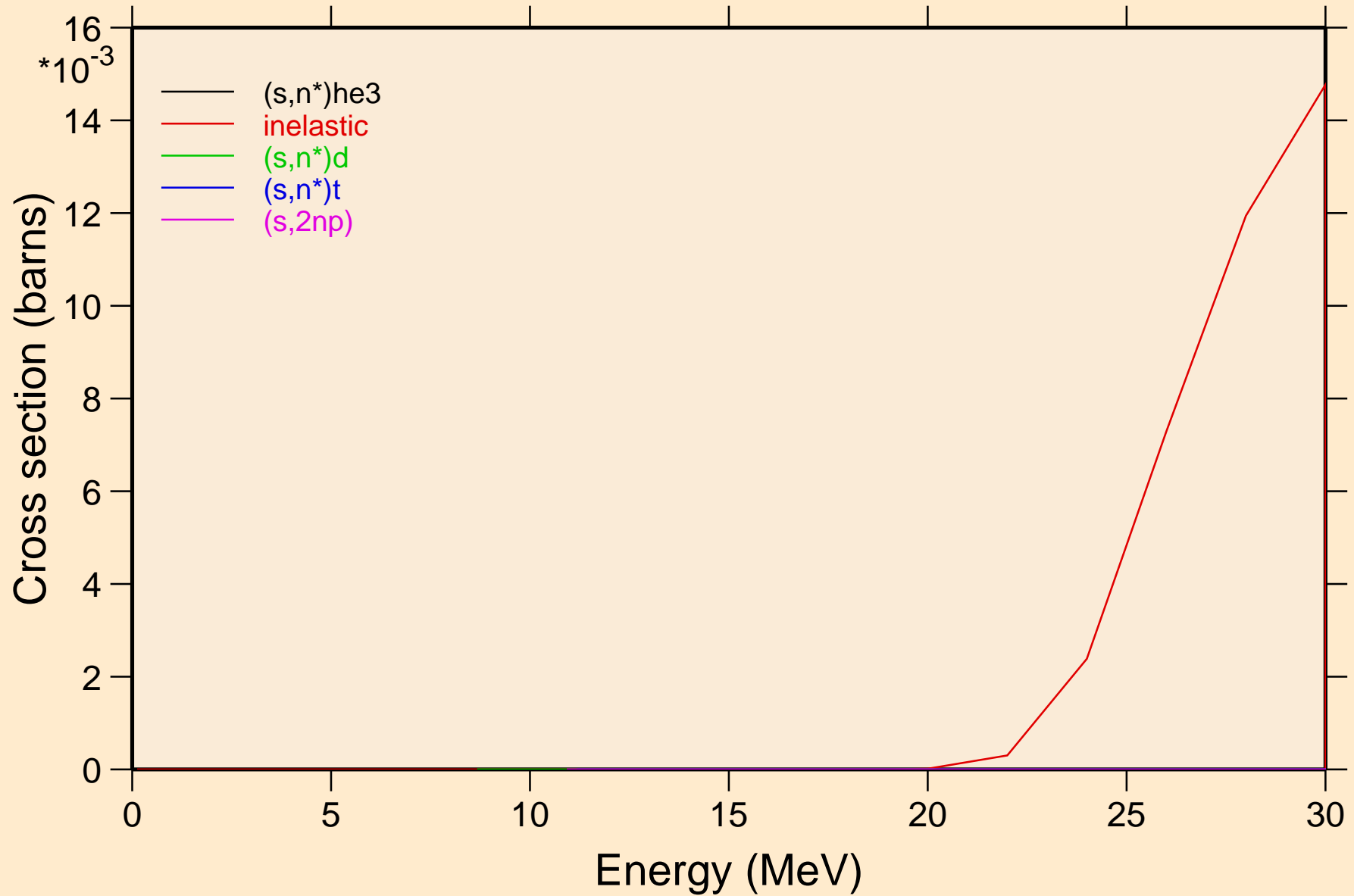
Heating



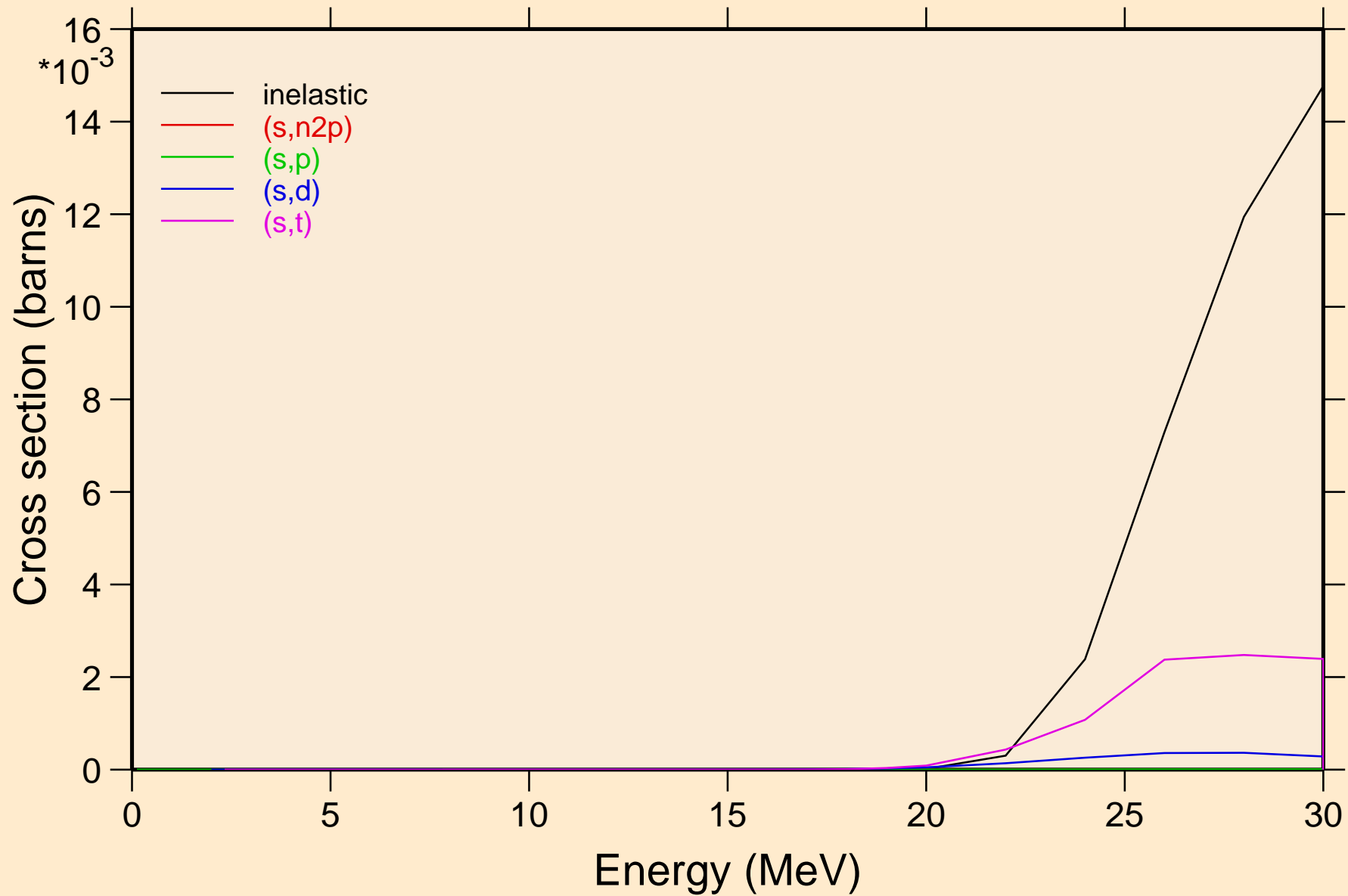
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



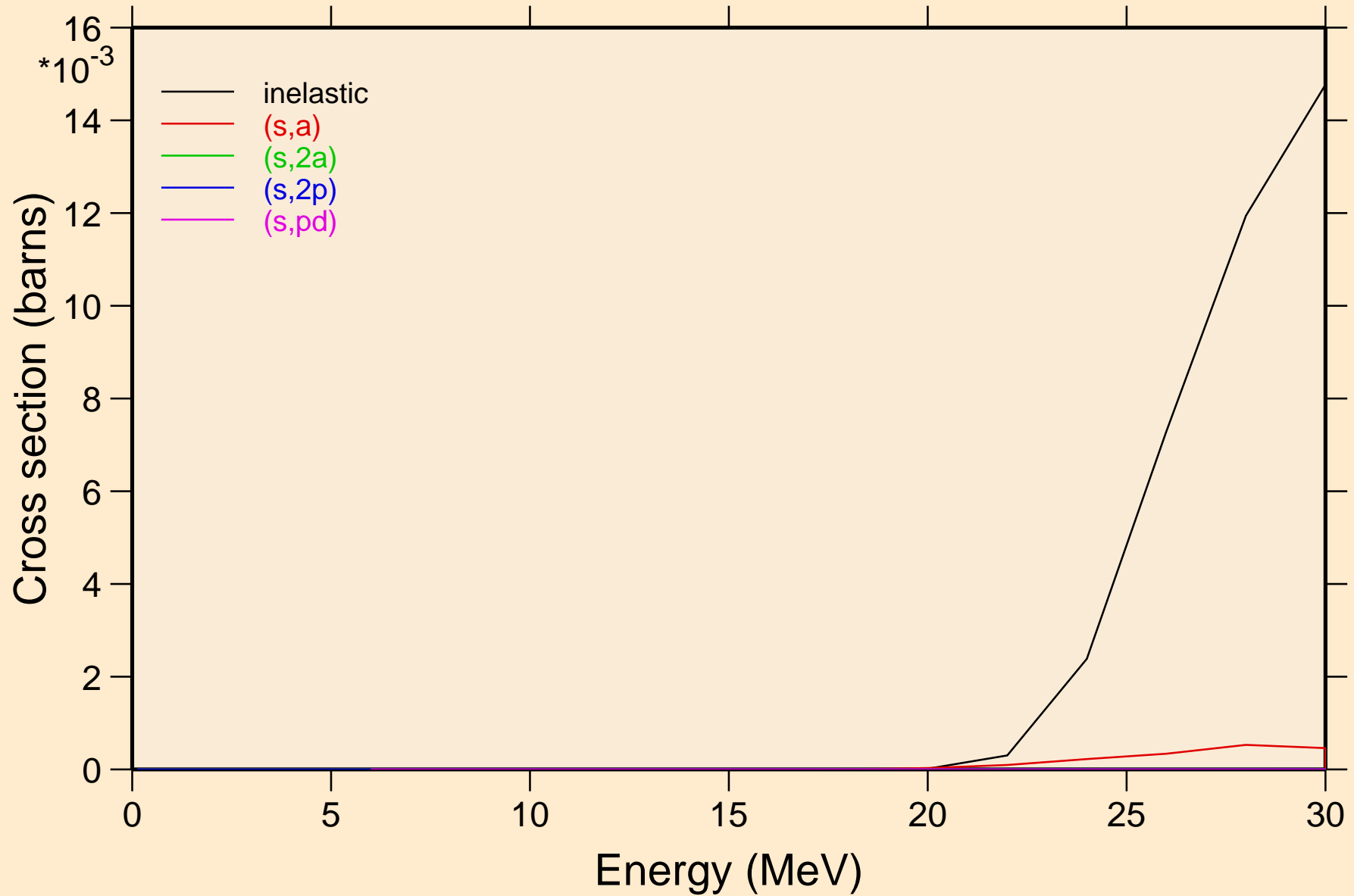
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

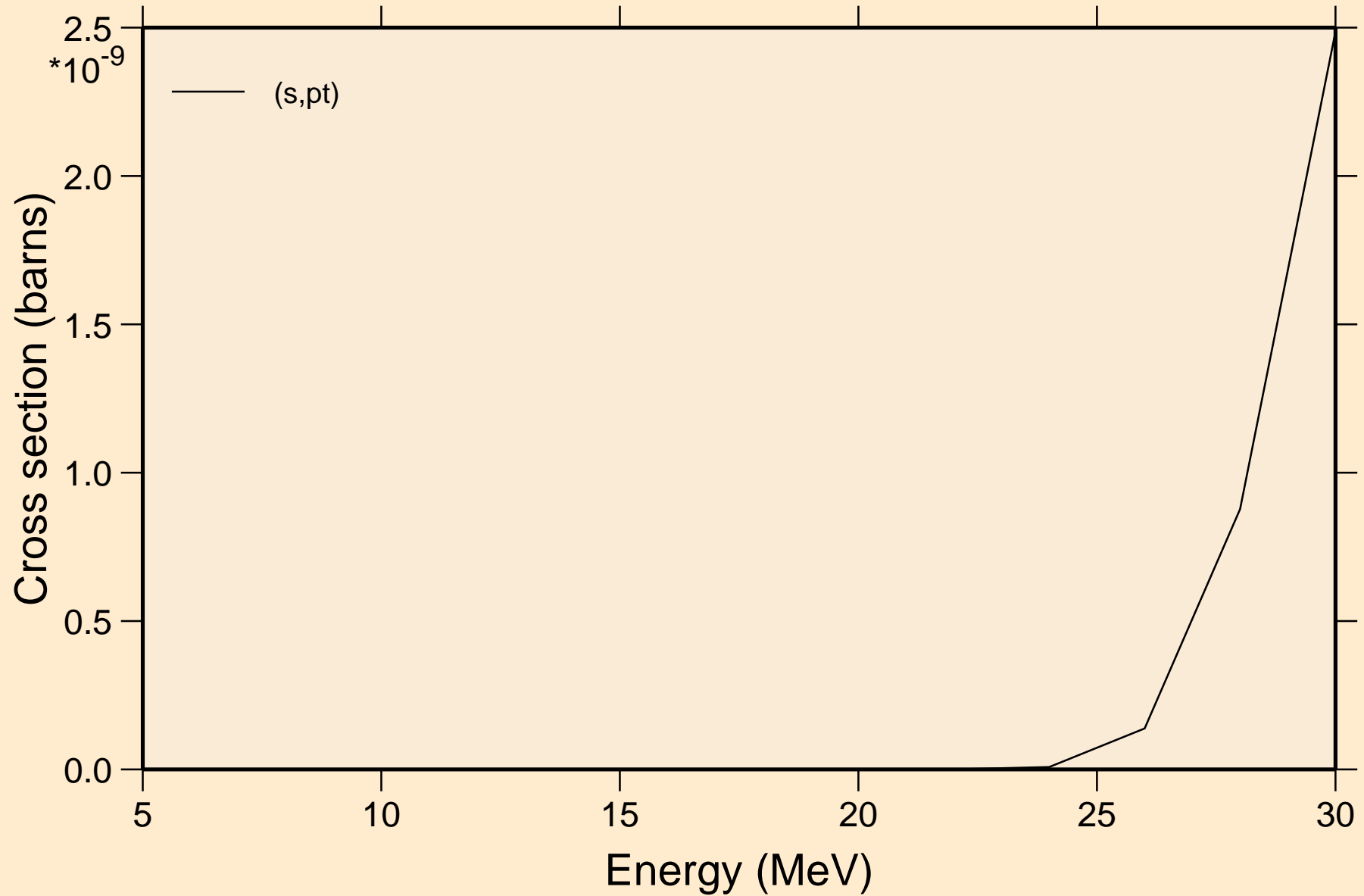


NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

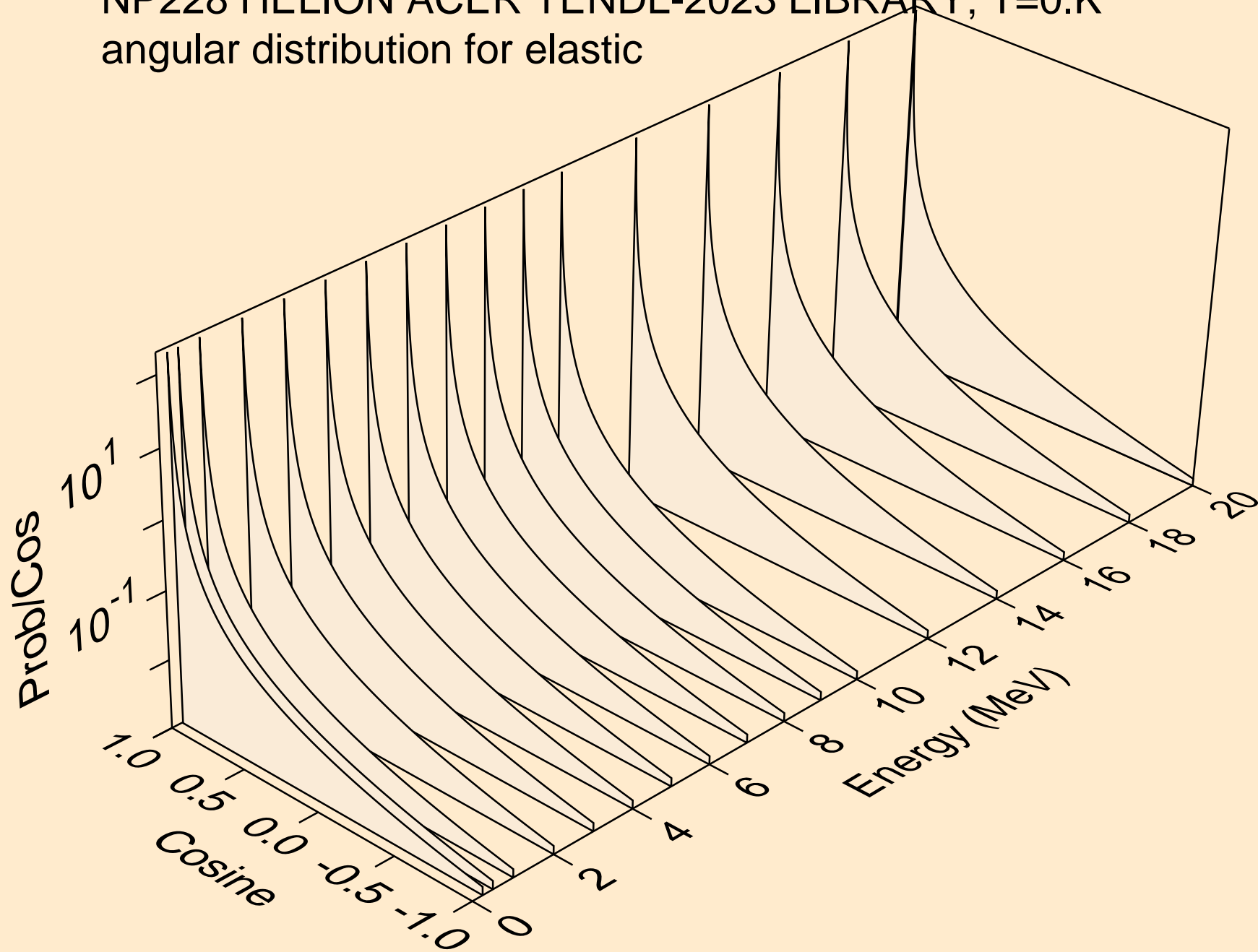




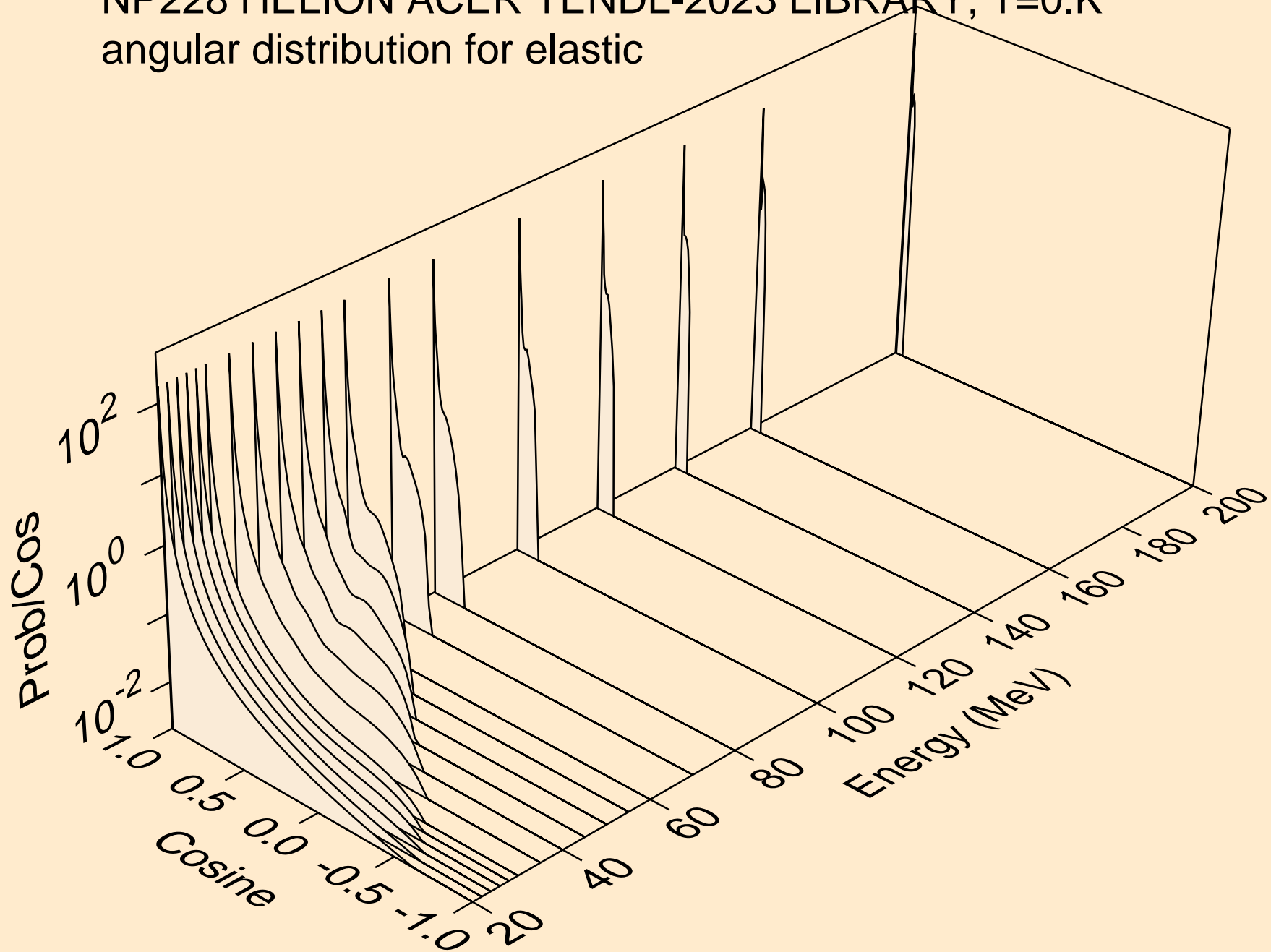
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



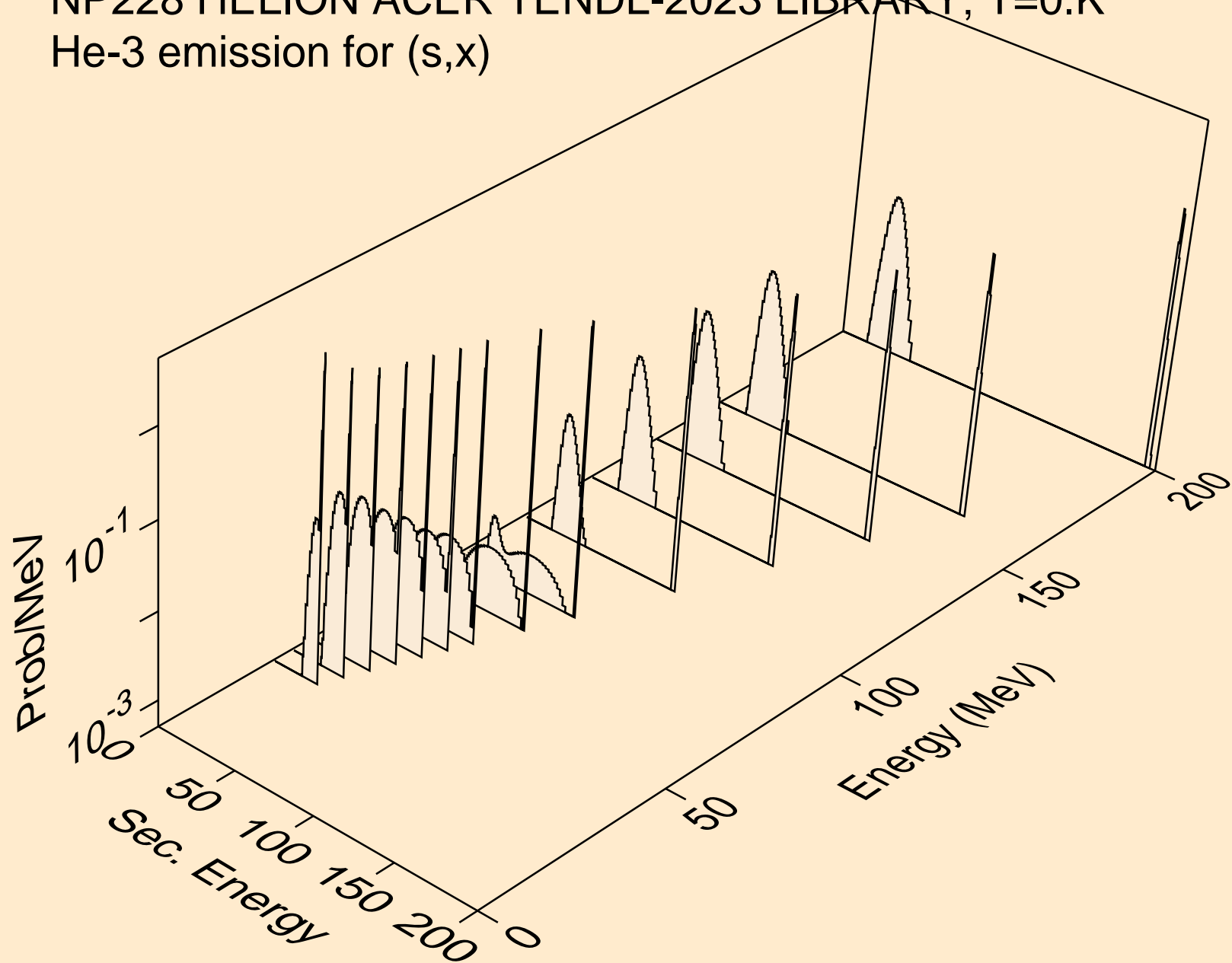
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



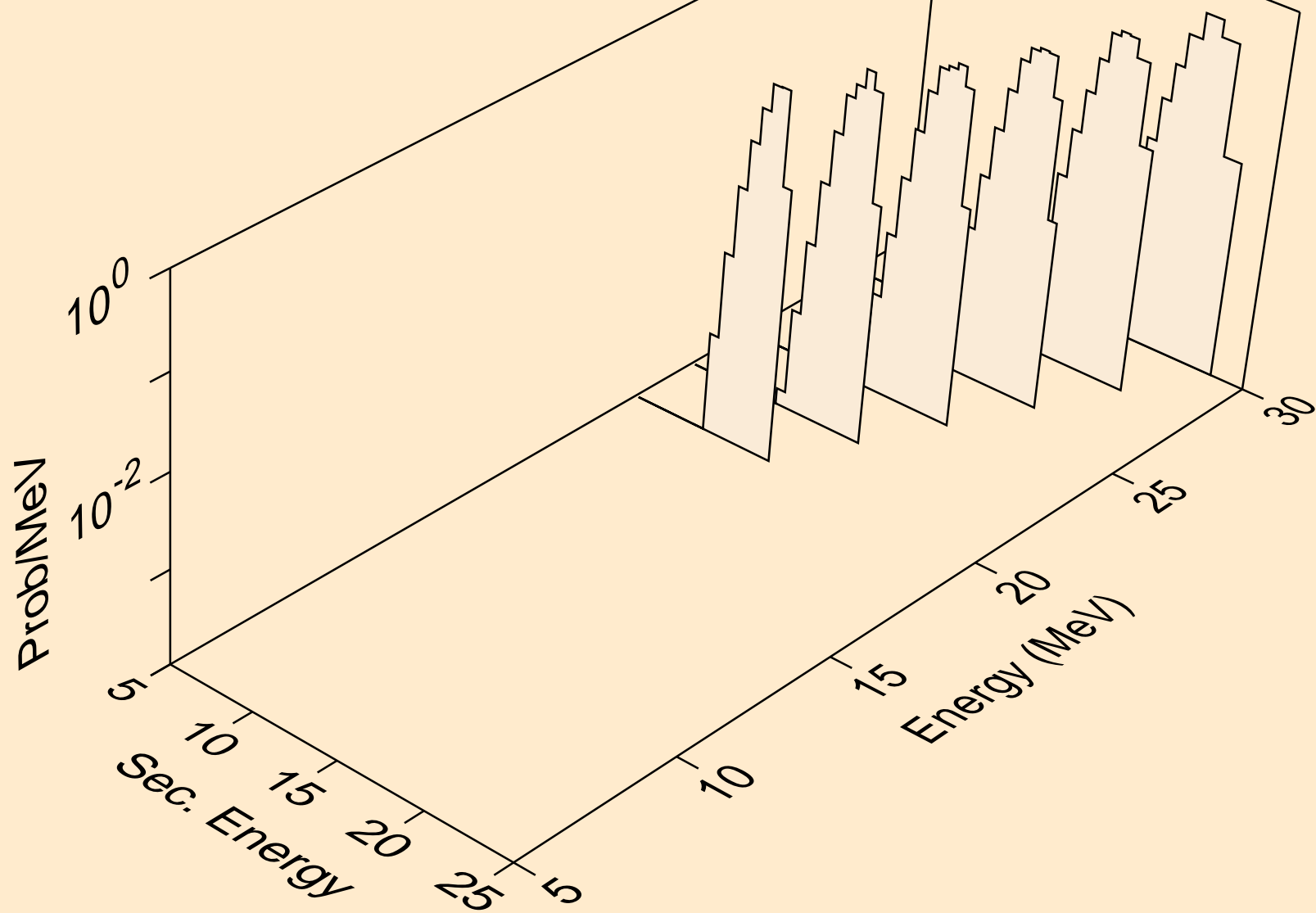
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



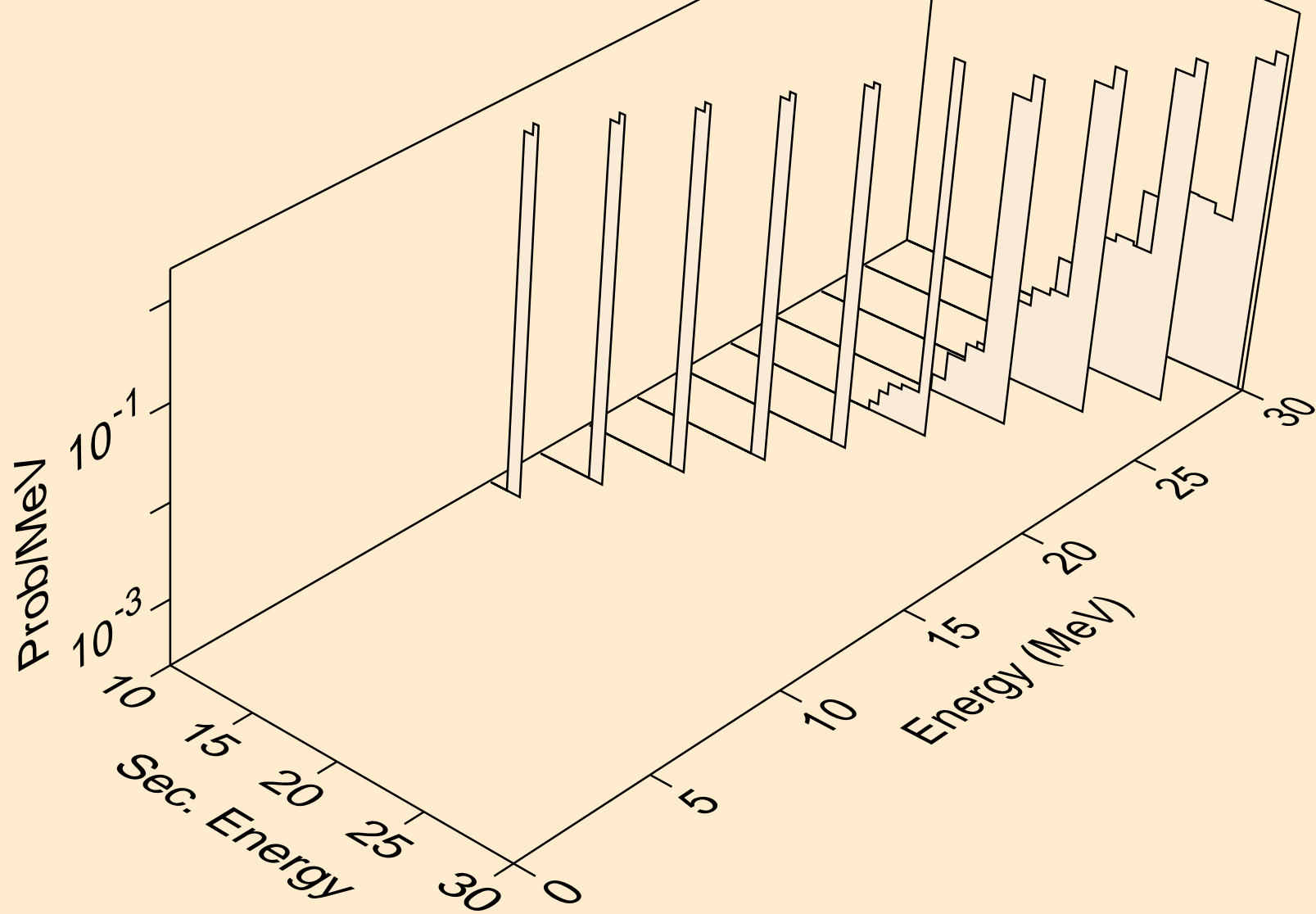
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



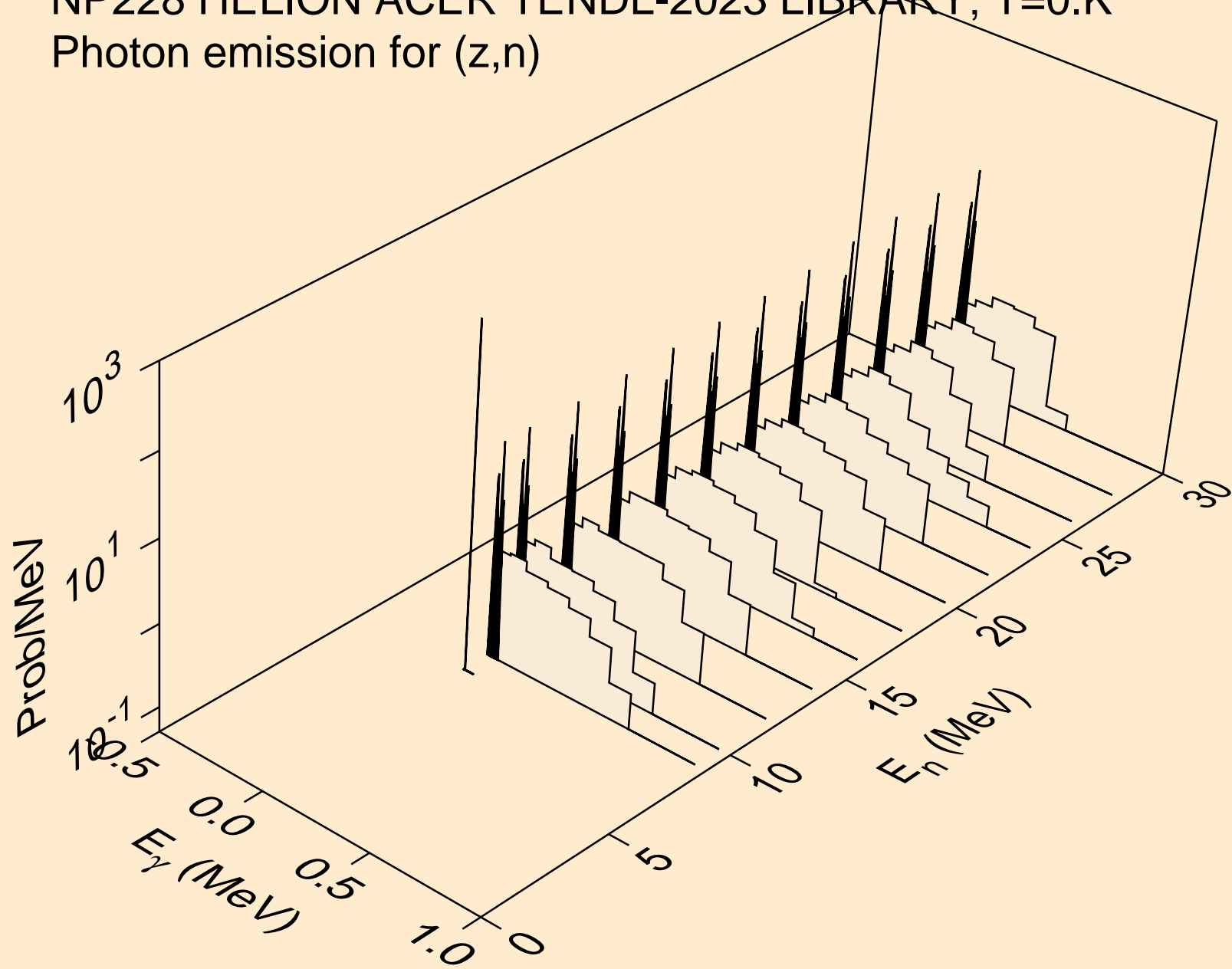
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



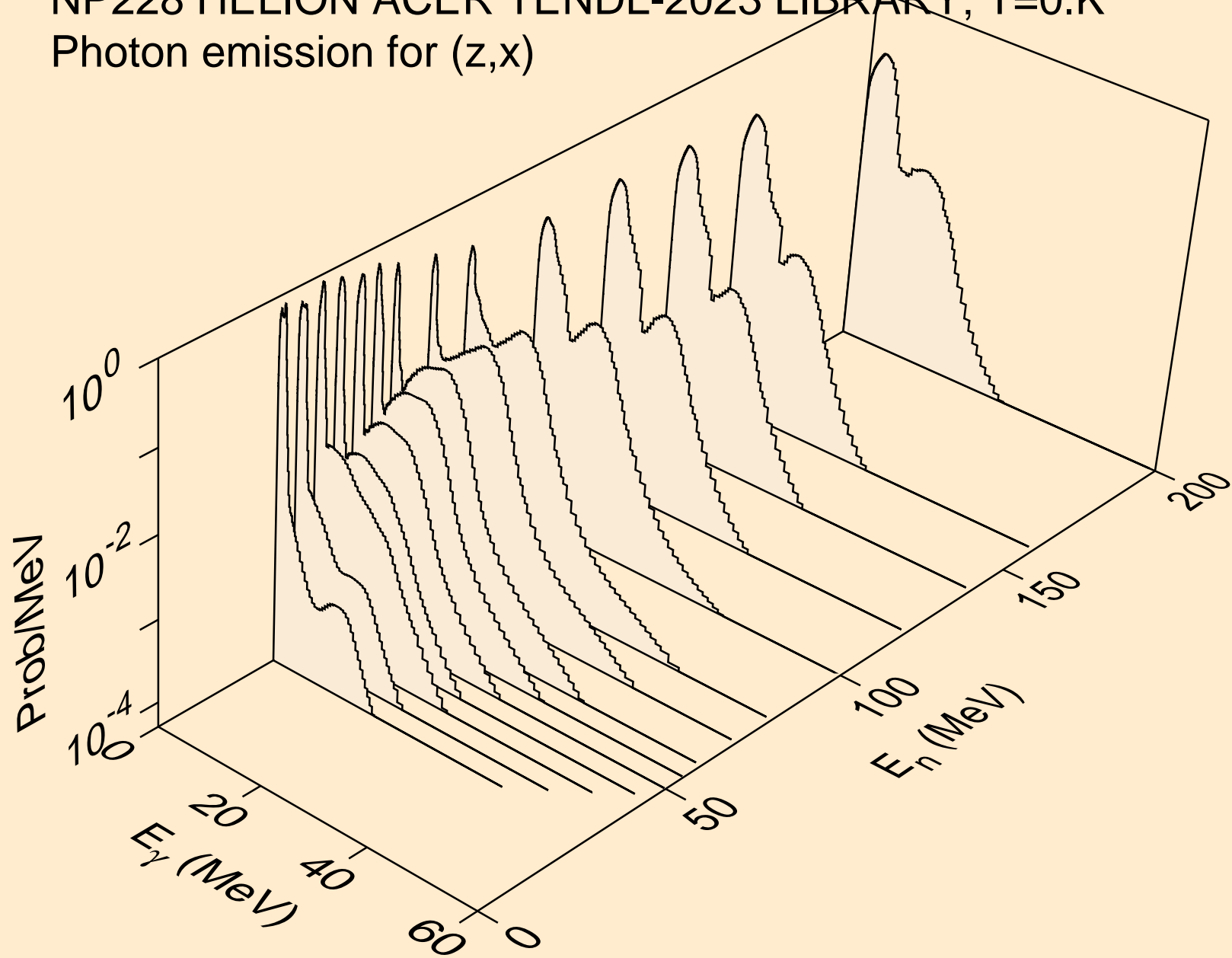
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

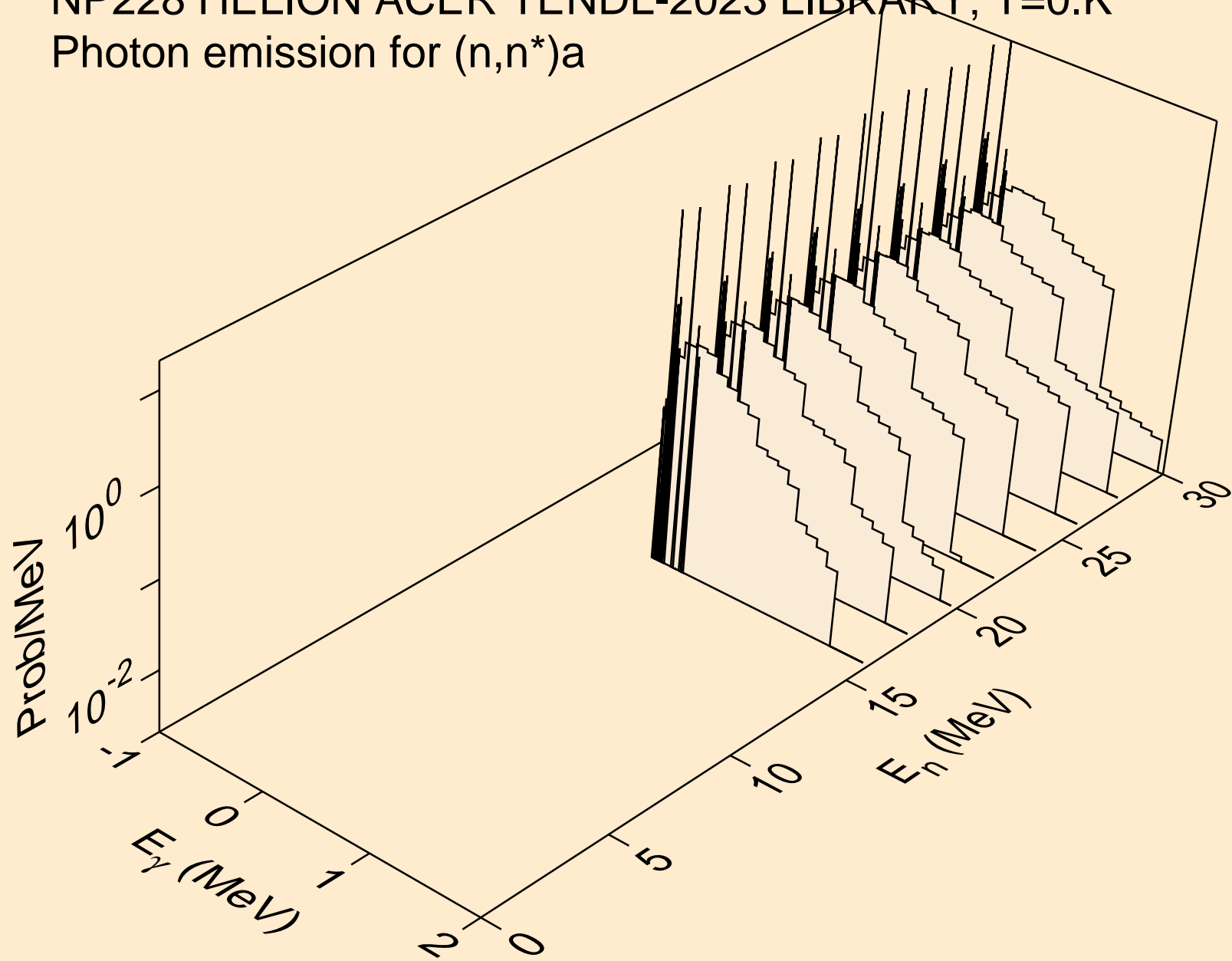


NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

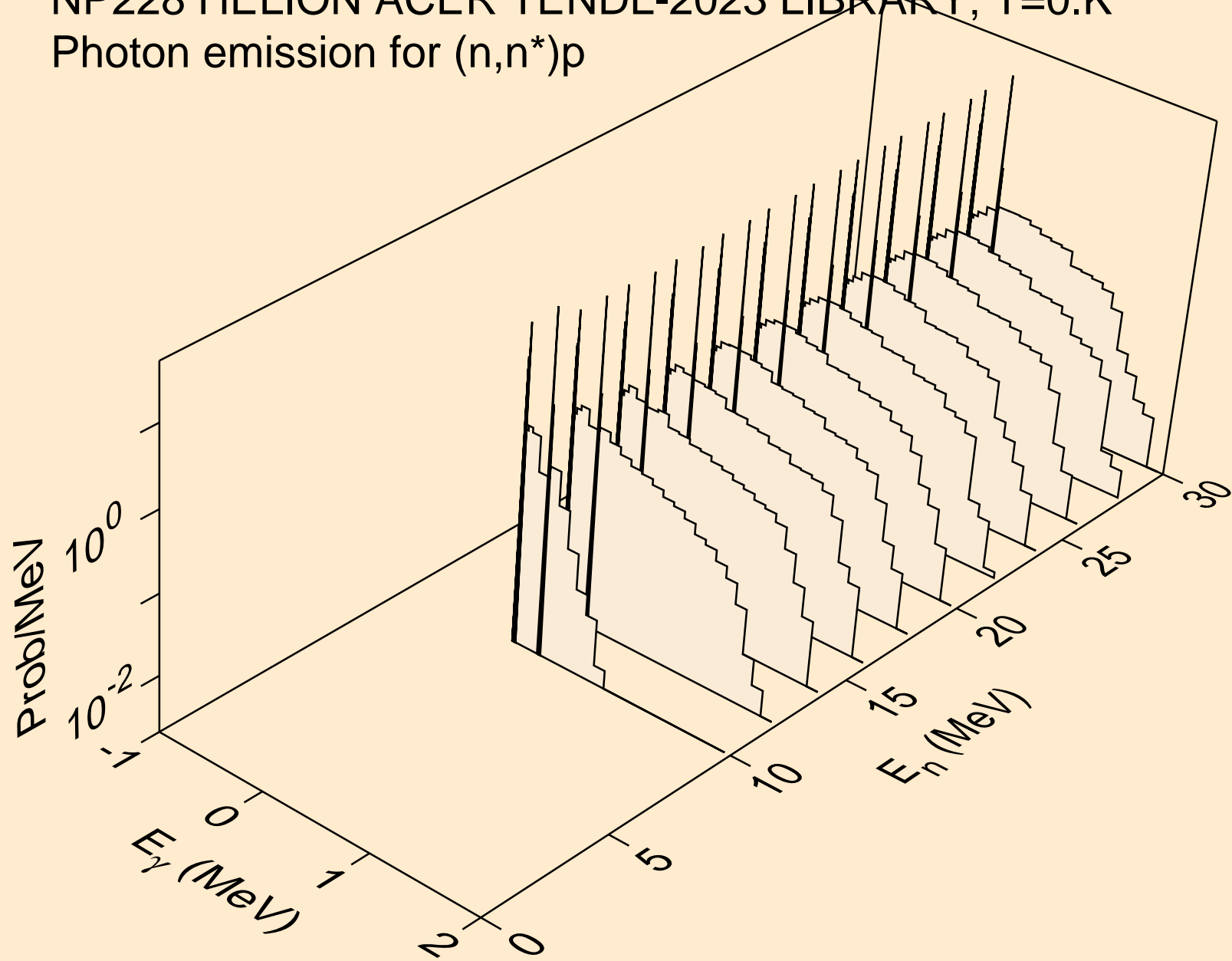




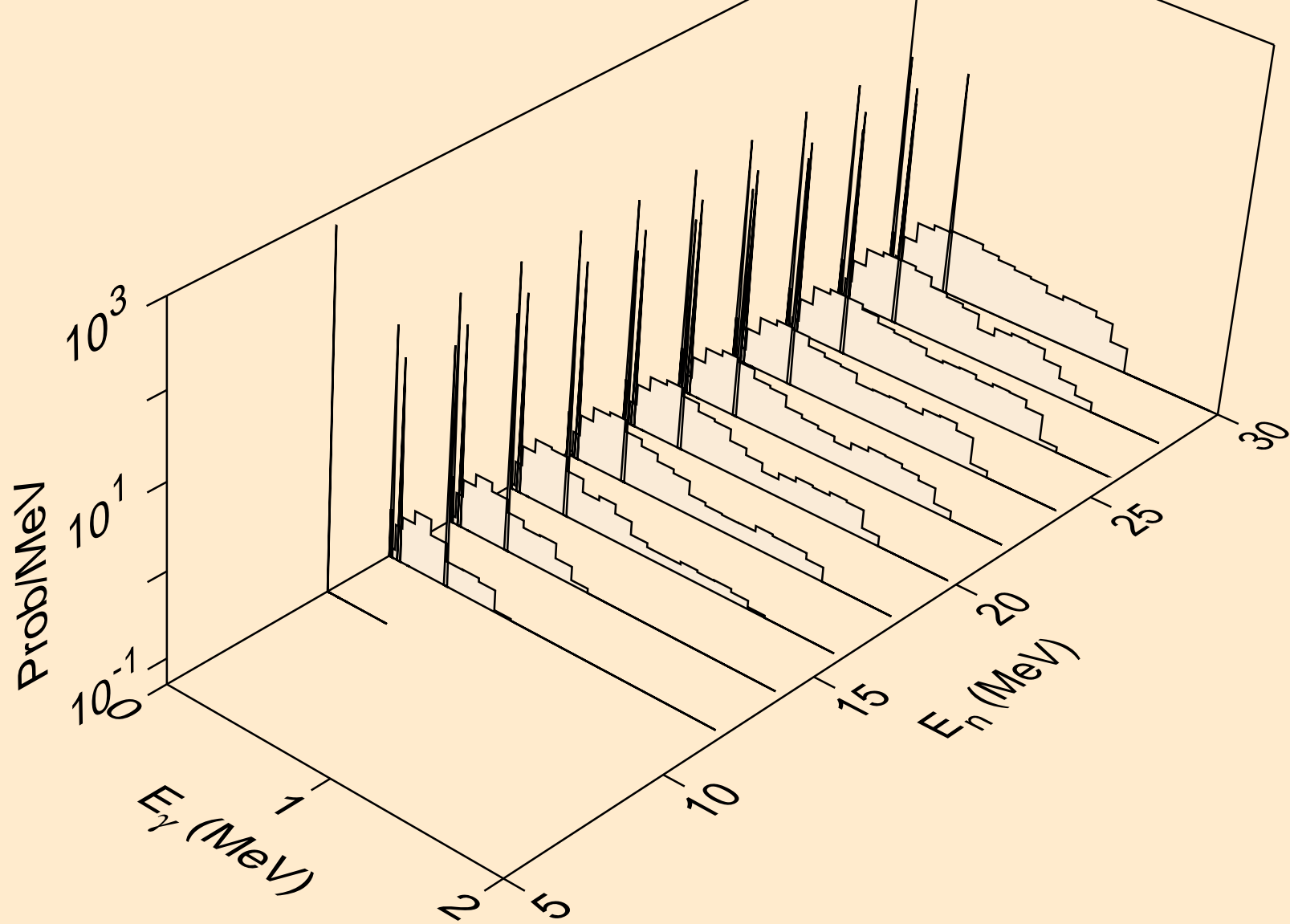
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



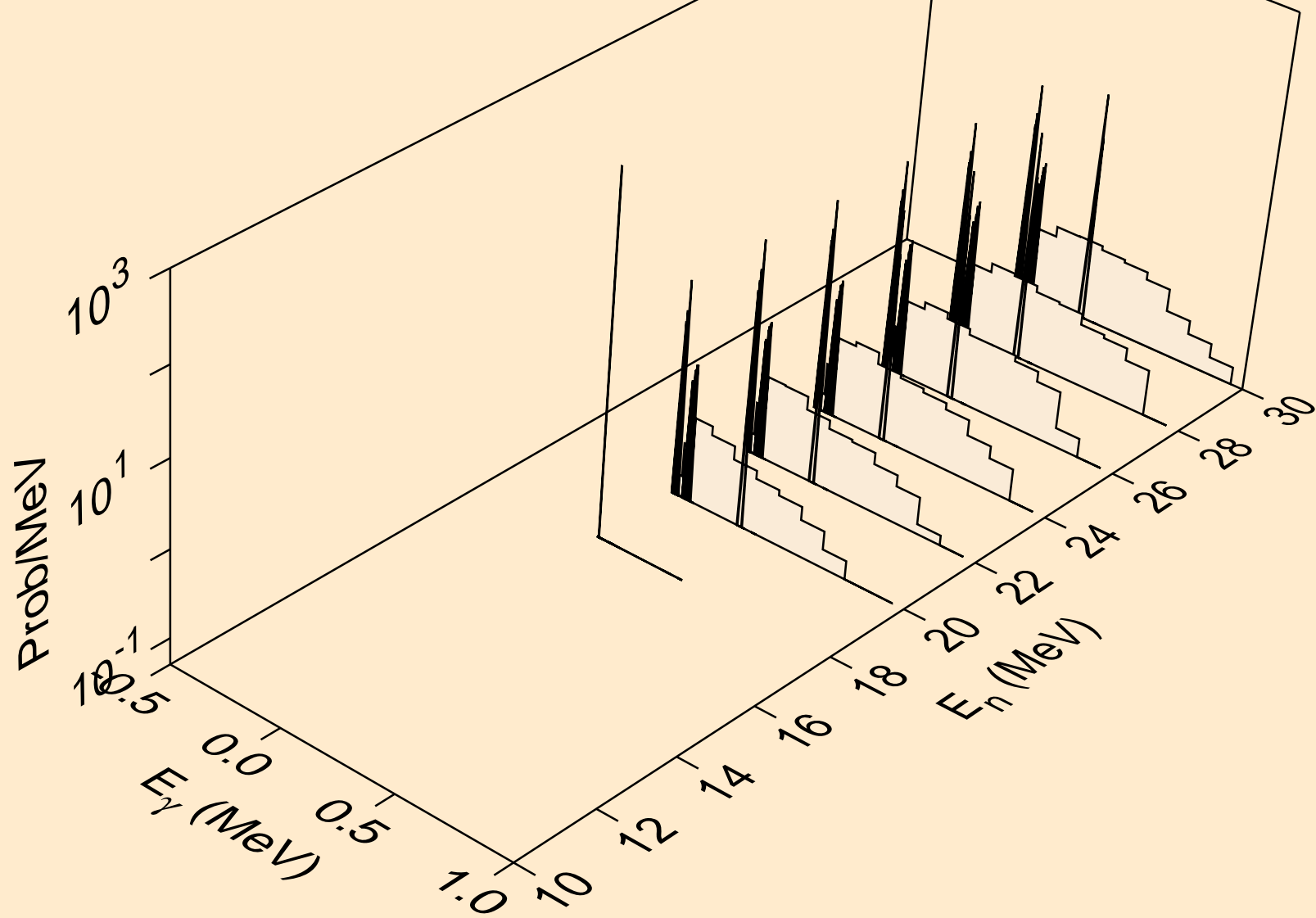
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



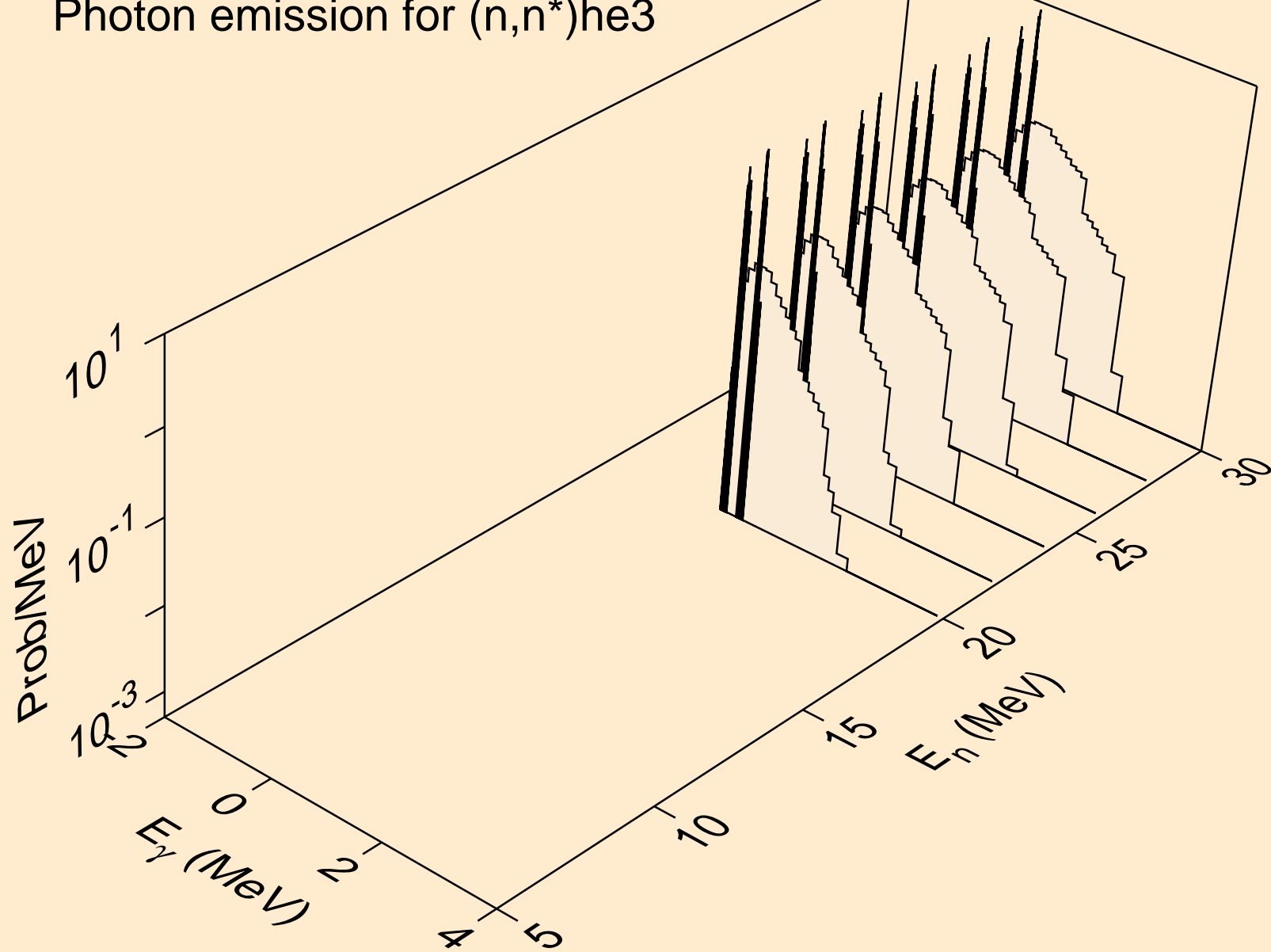
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



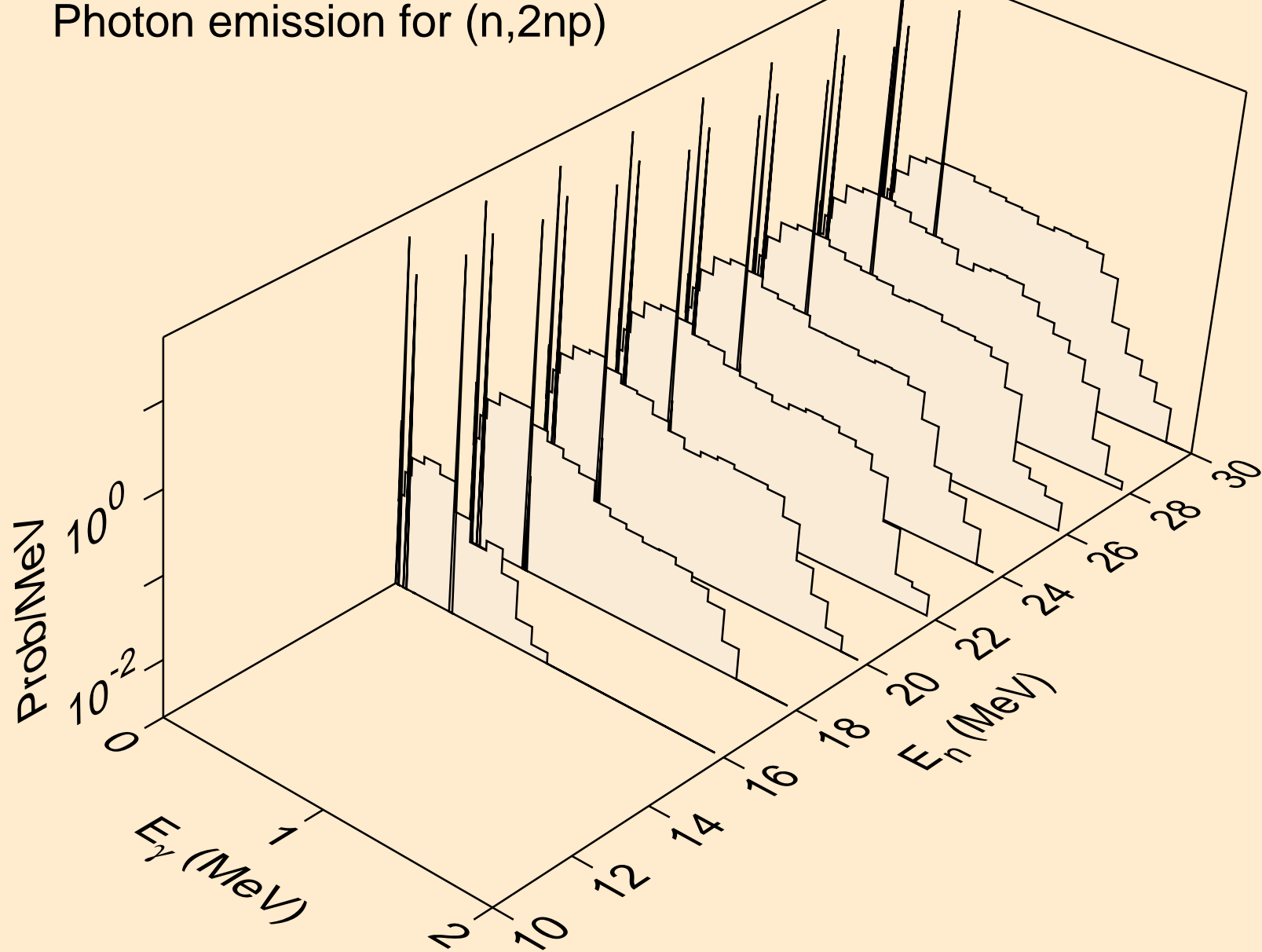
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



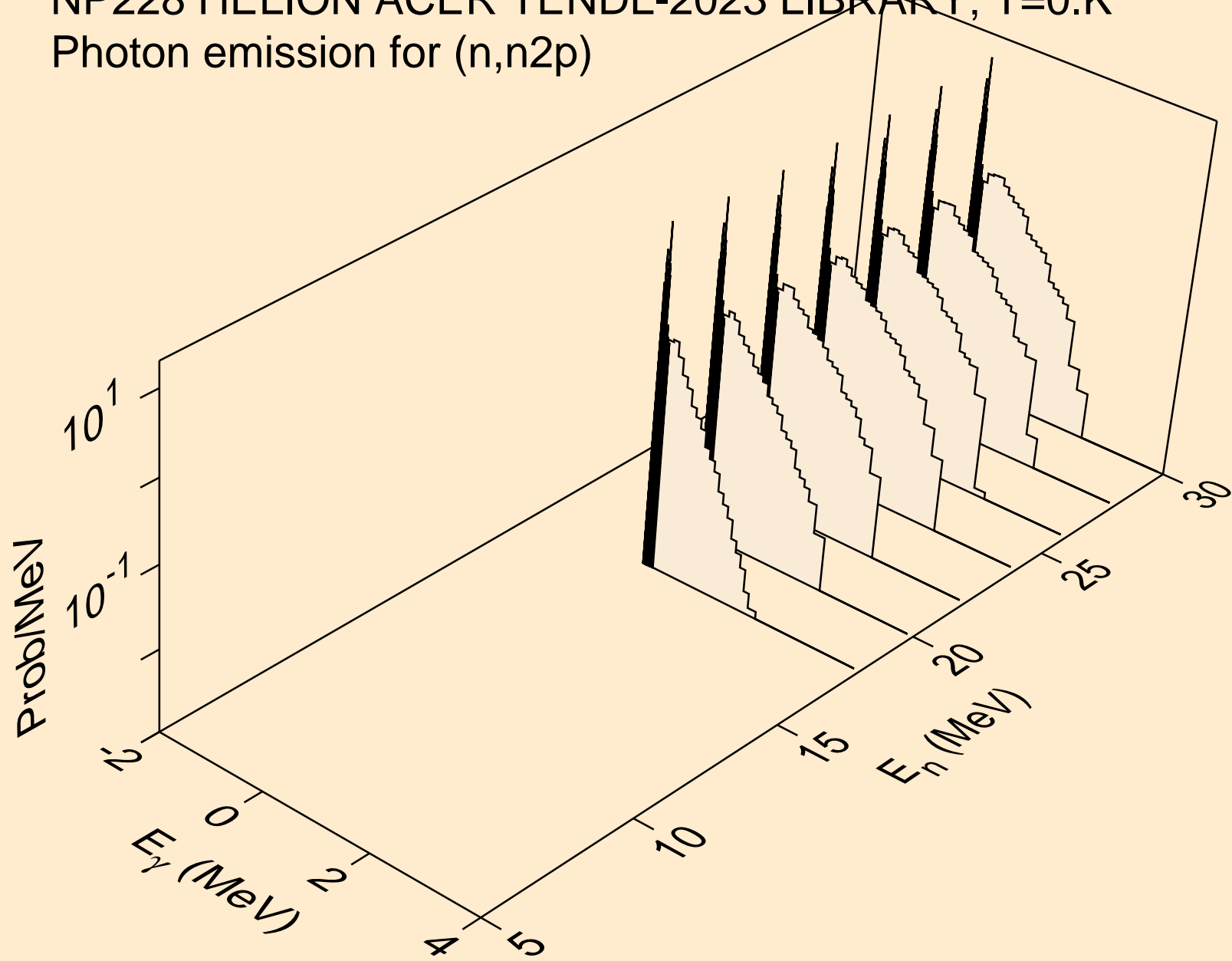
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



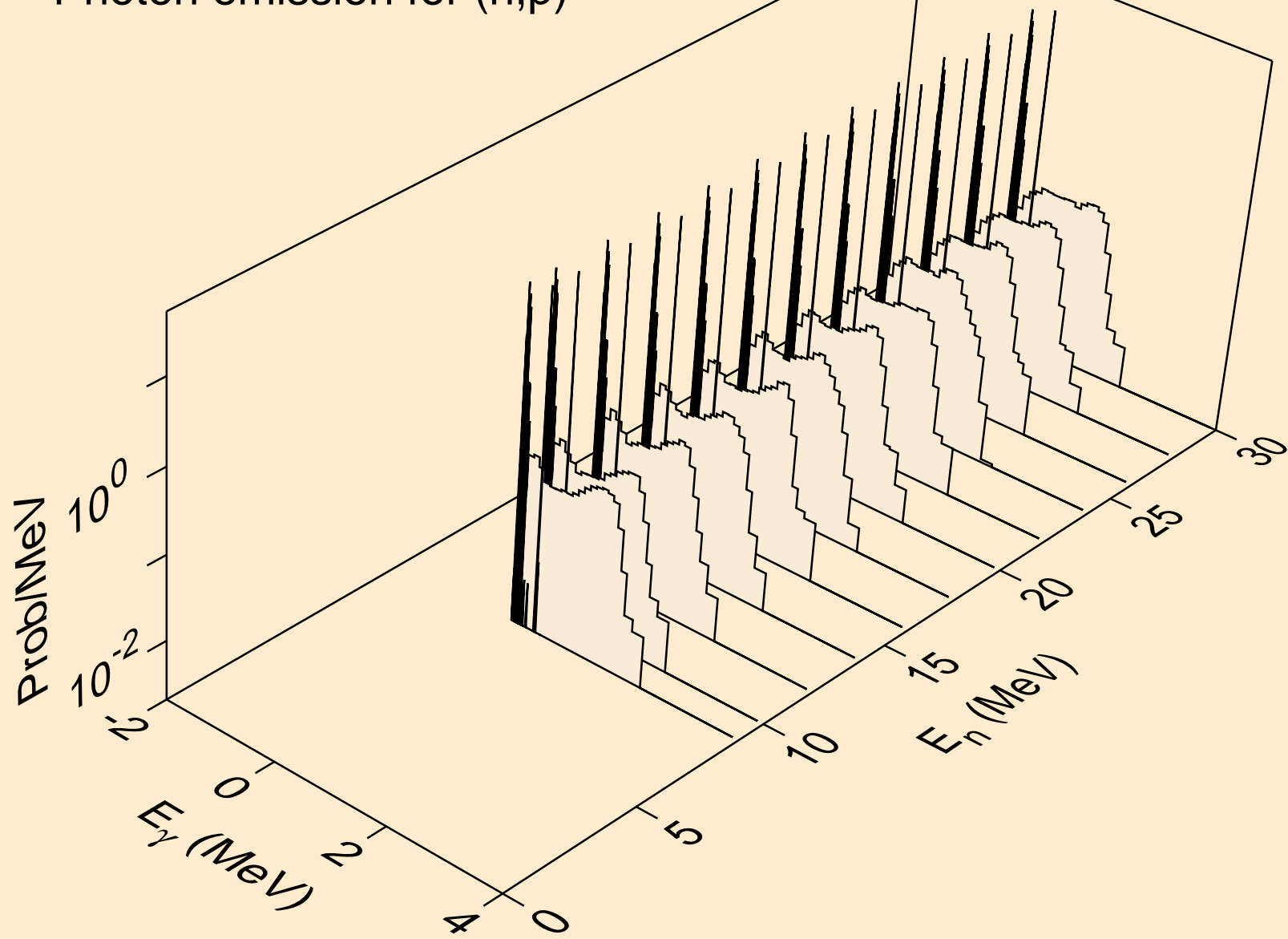
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

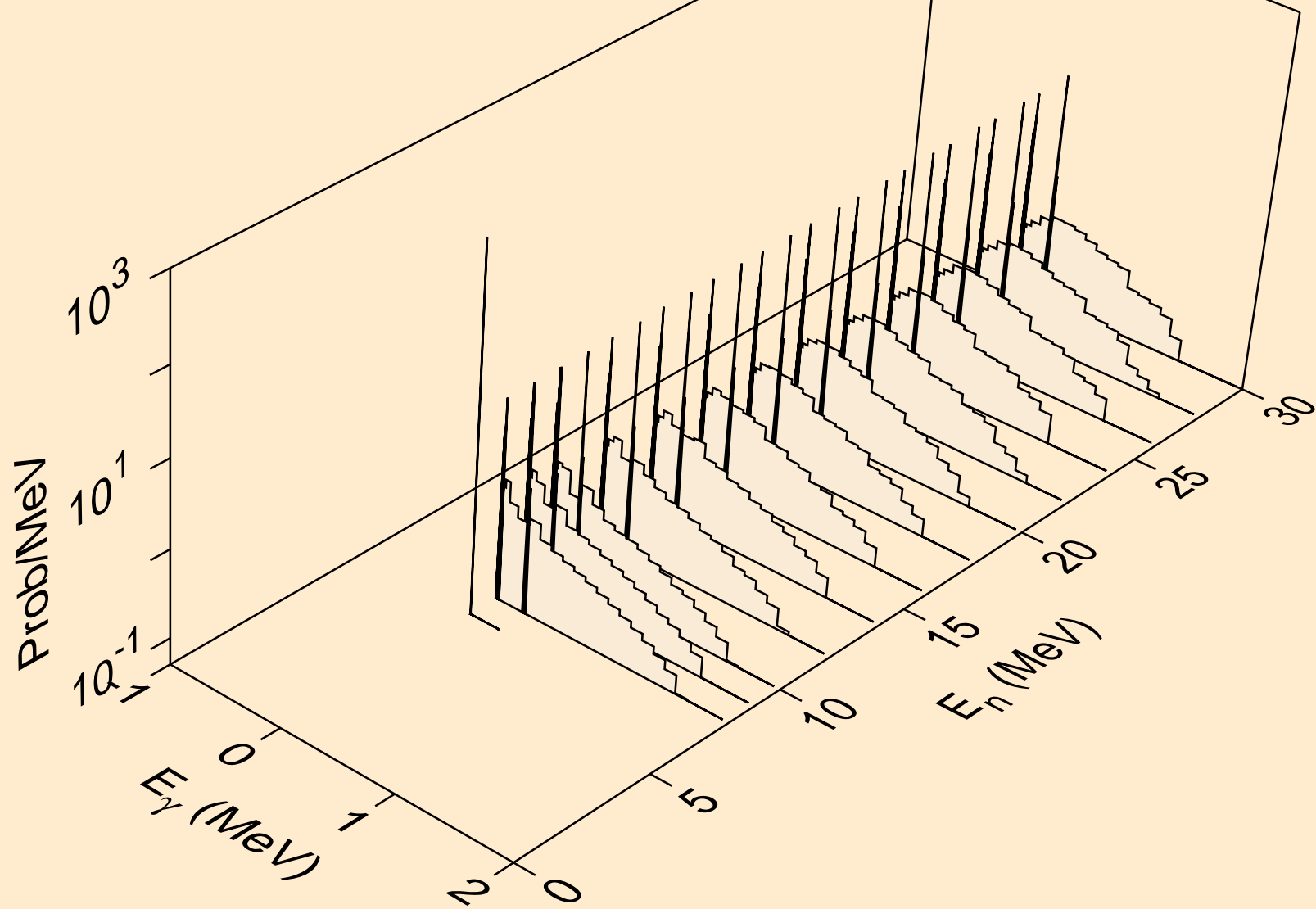


NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

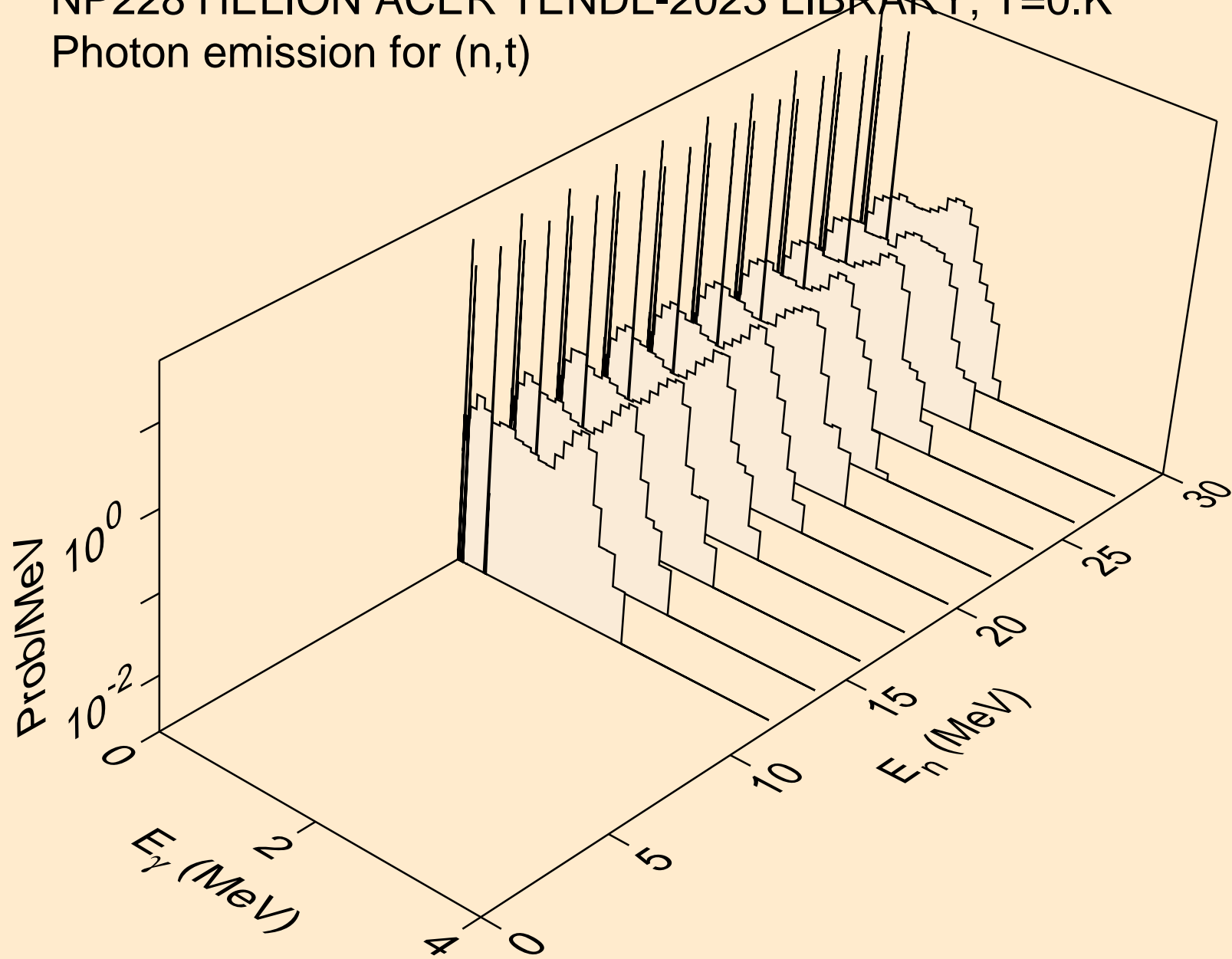




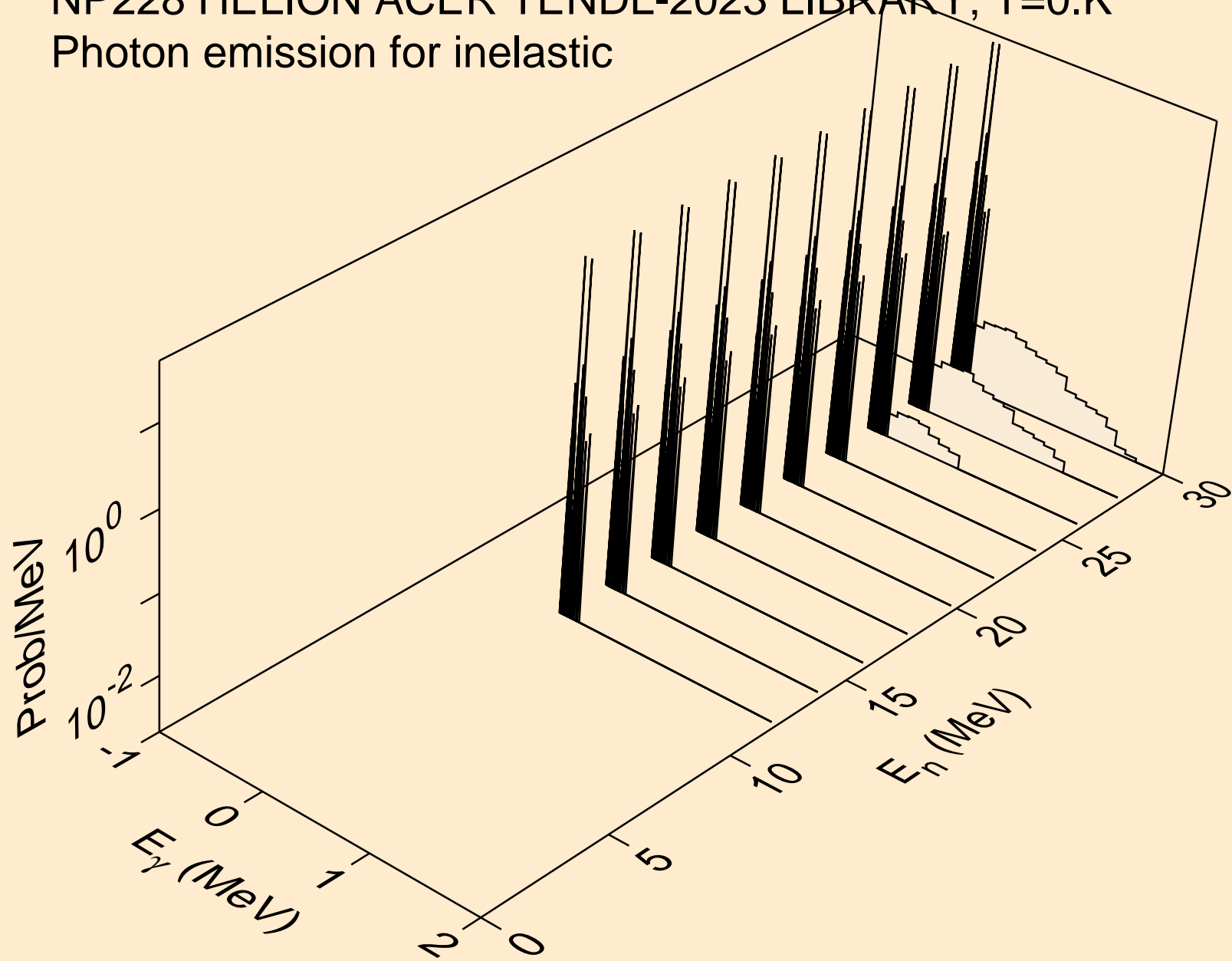
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Photon emission for (n,d)



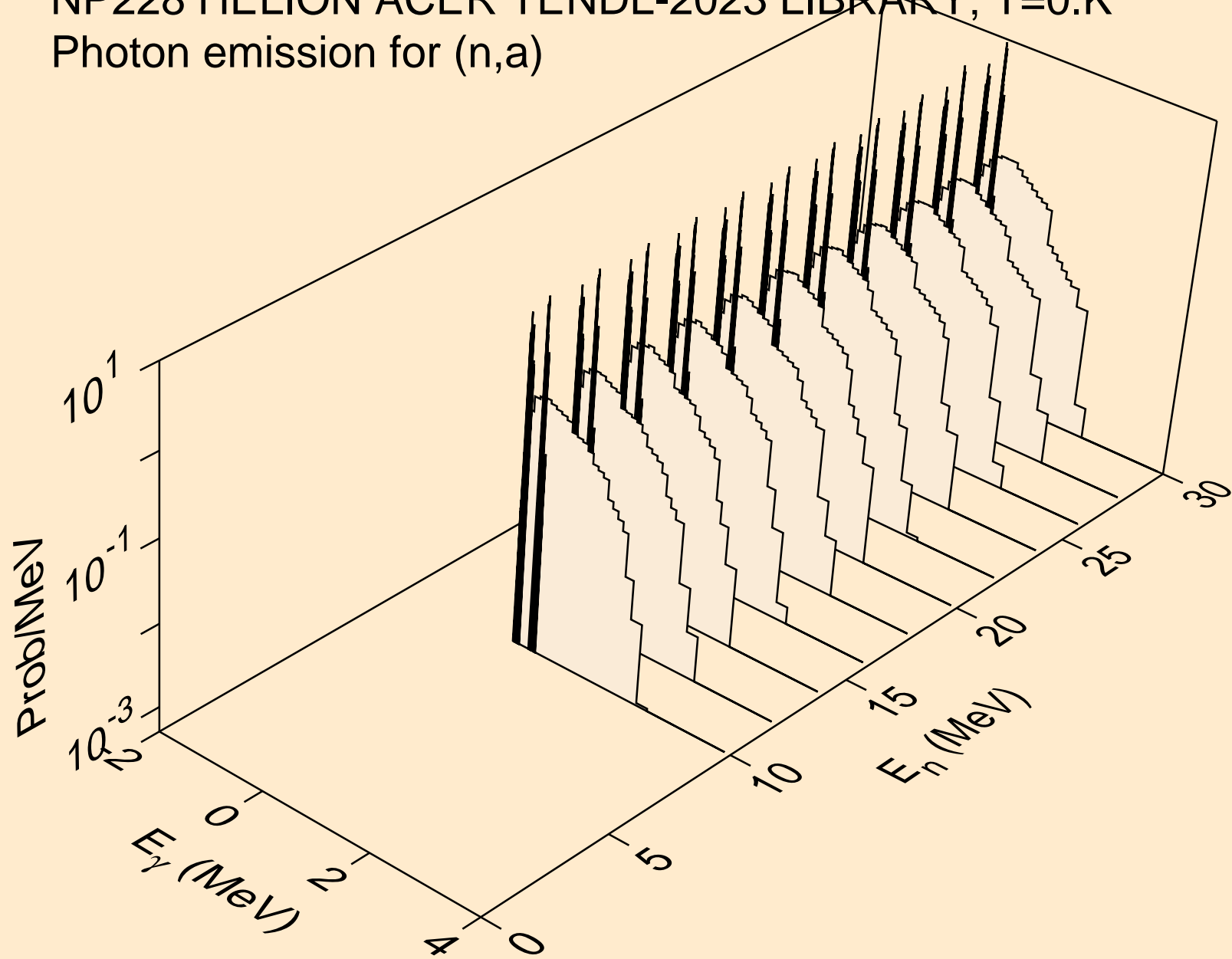
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



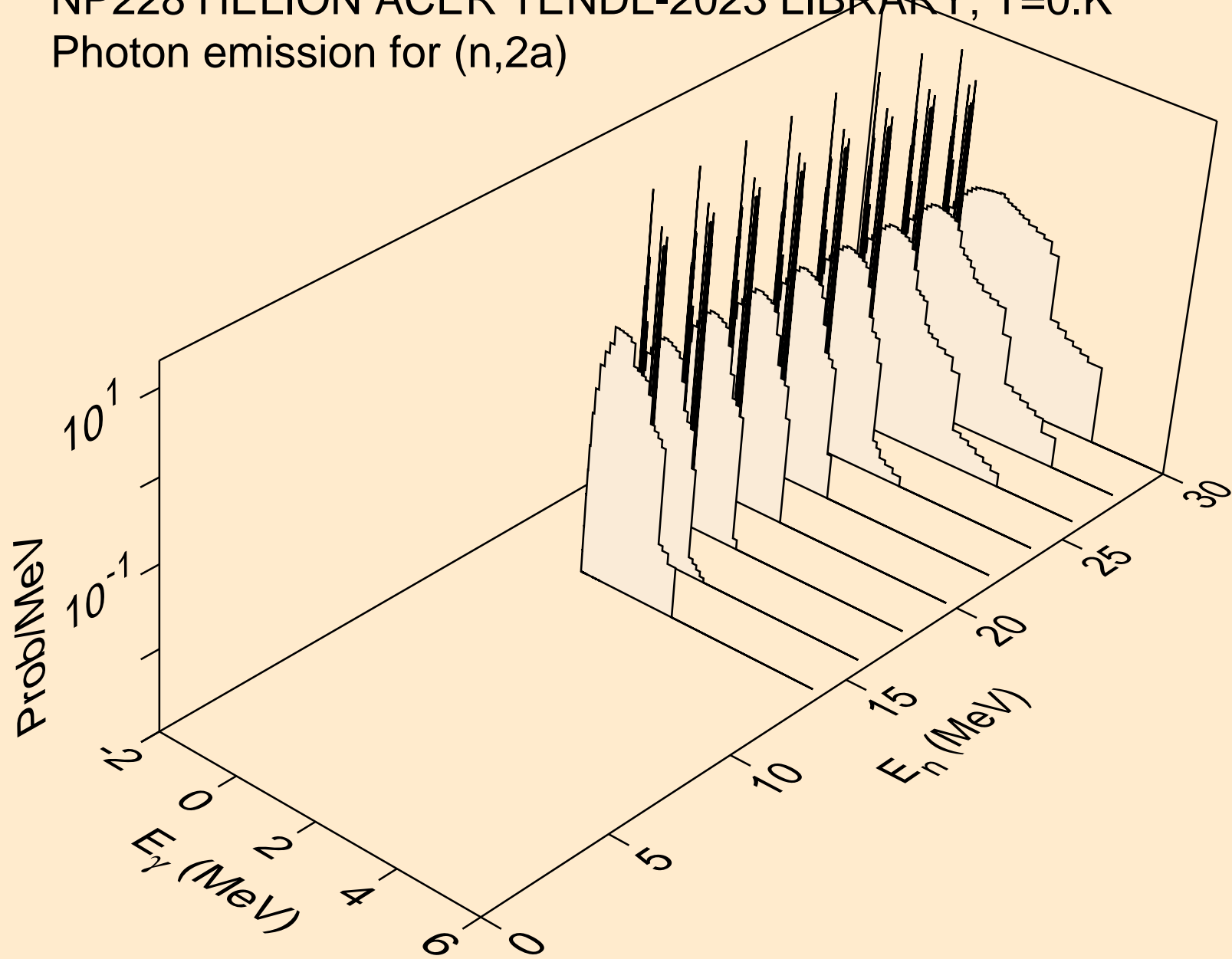
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



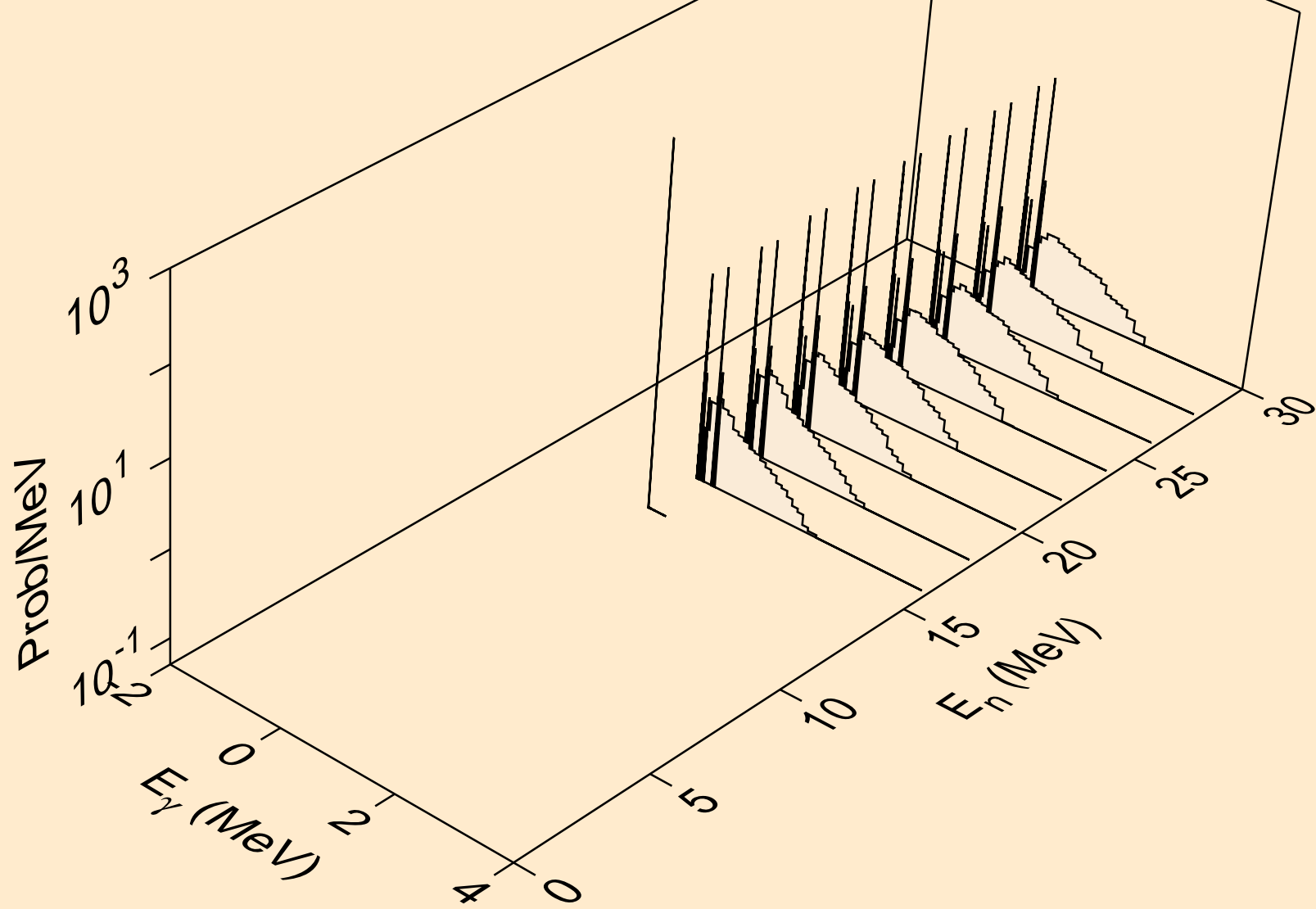
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Photon emission for (n,a)



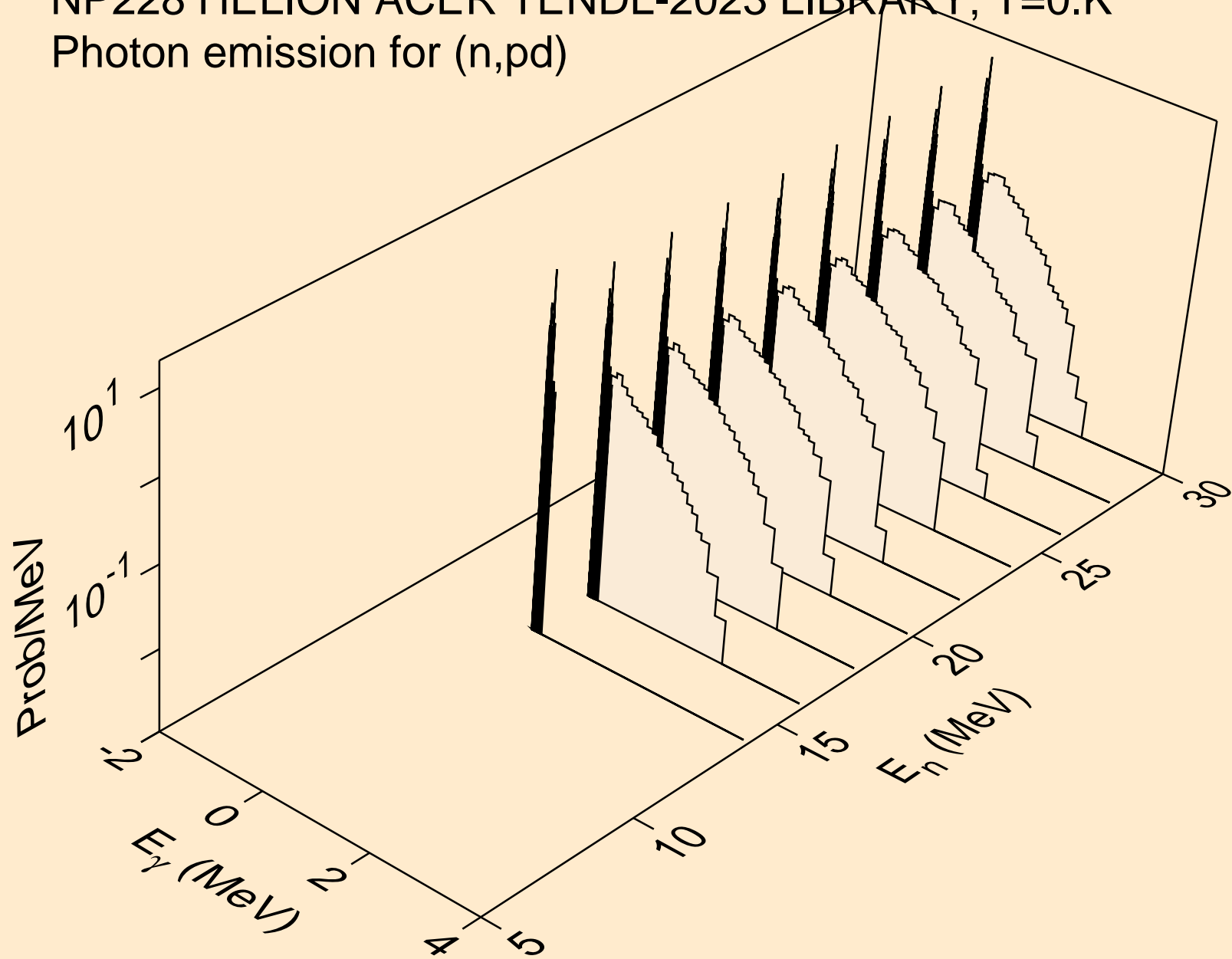
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Photon emission for (n,2a)



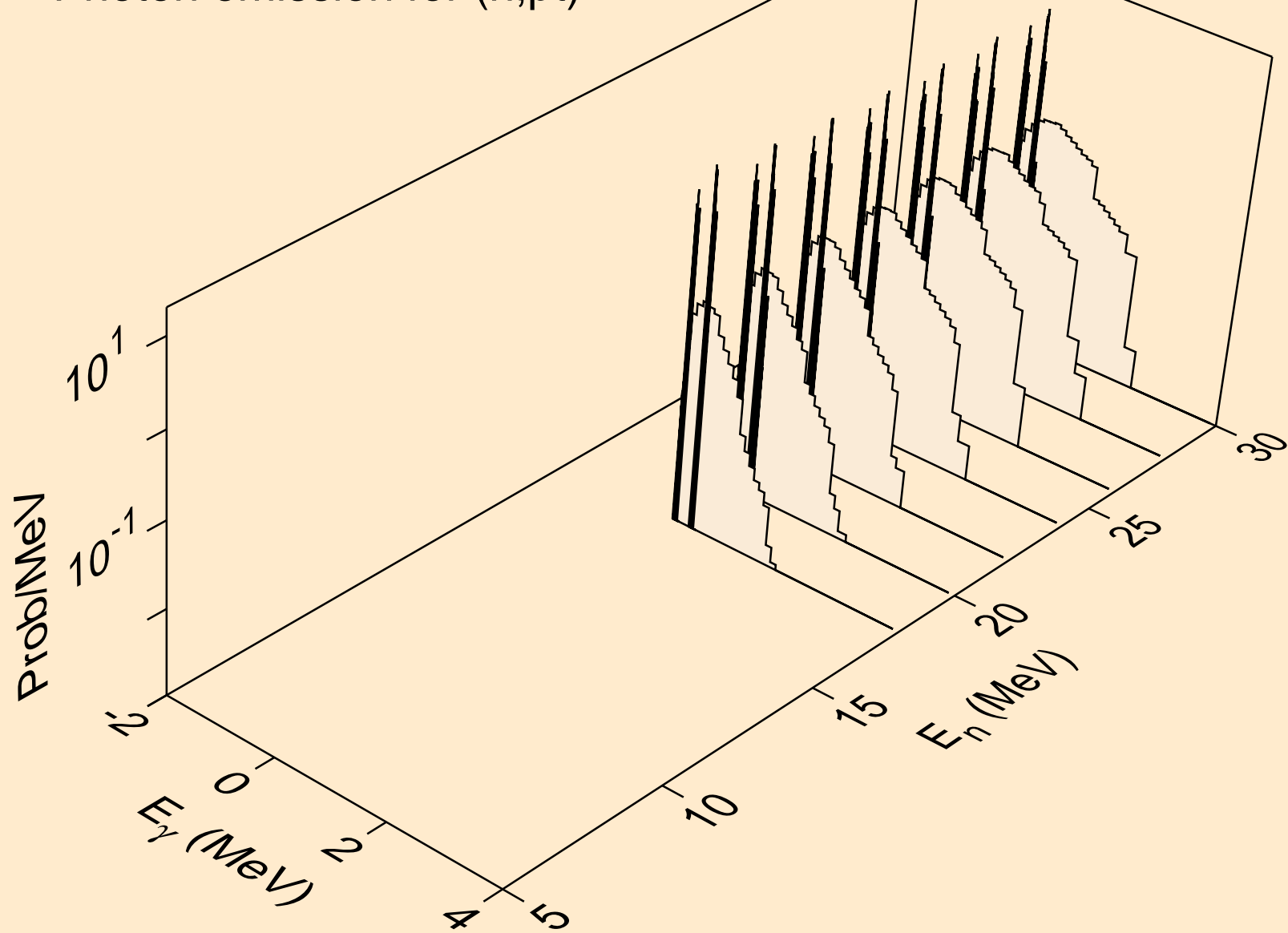
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



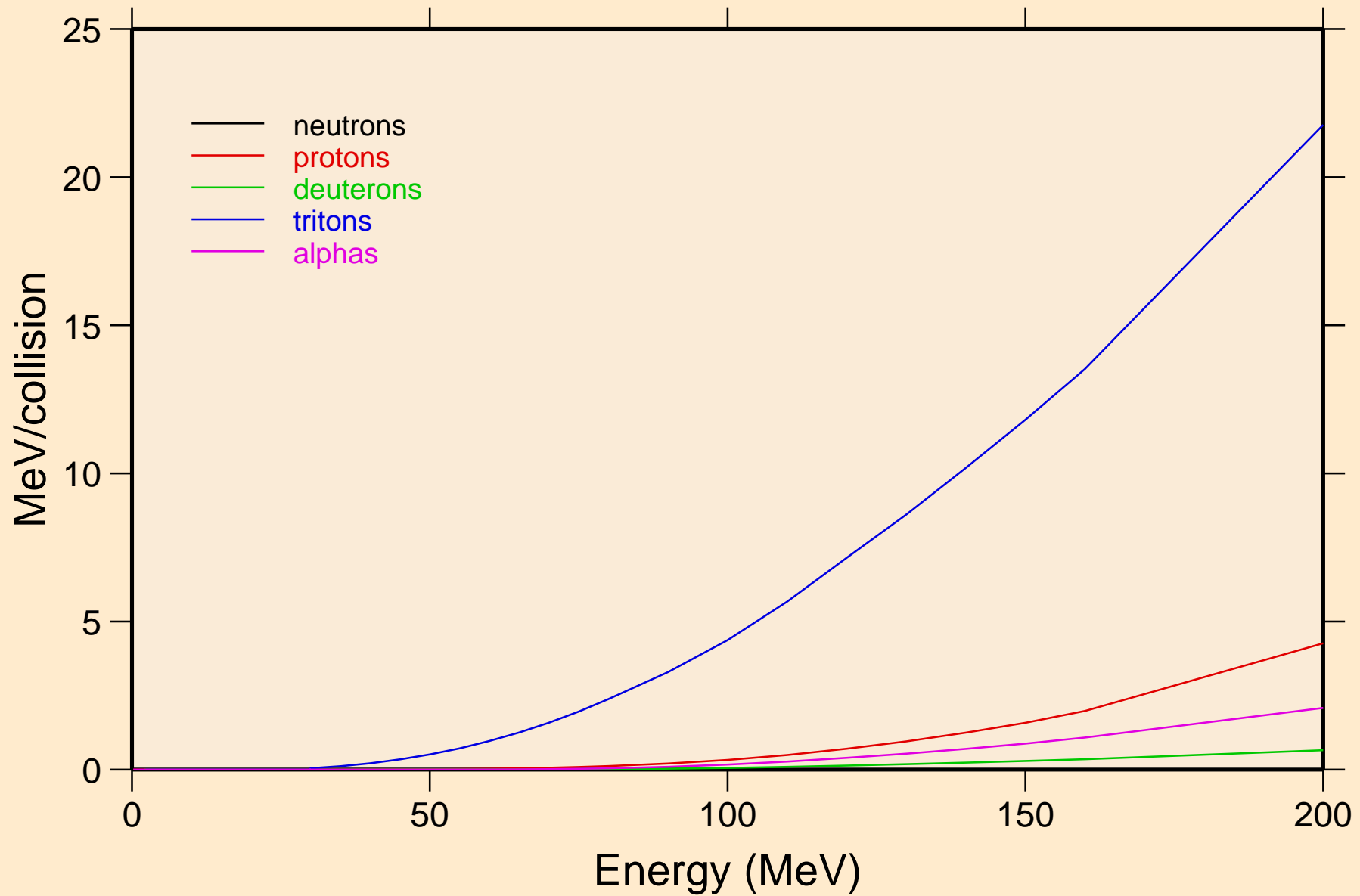
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



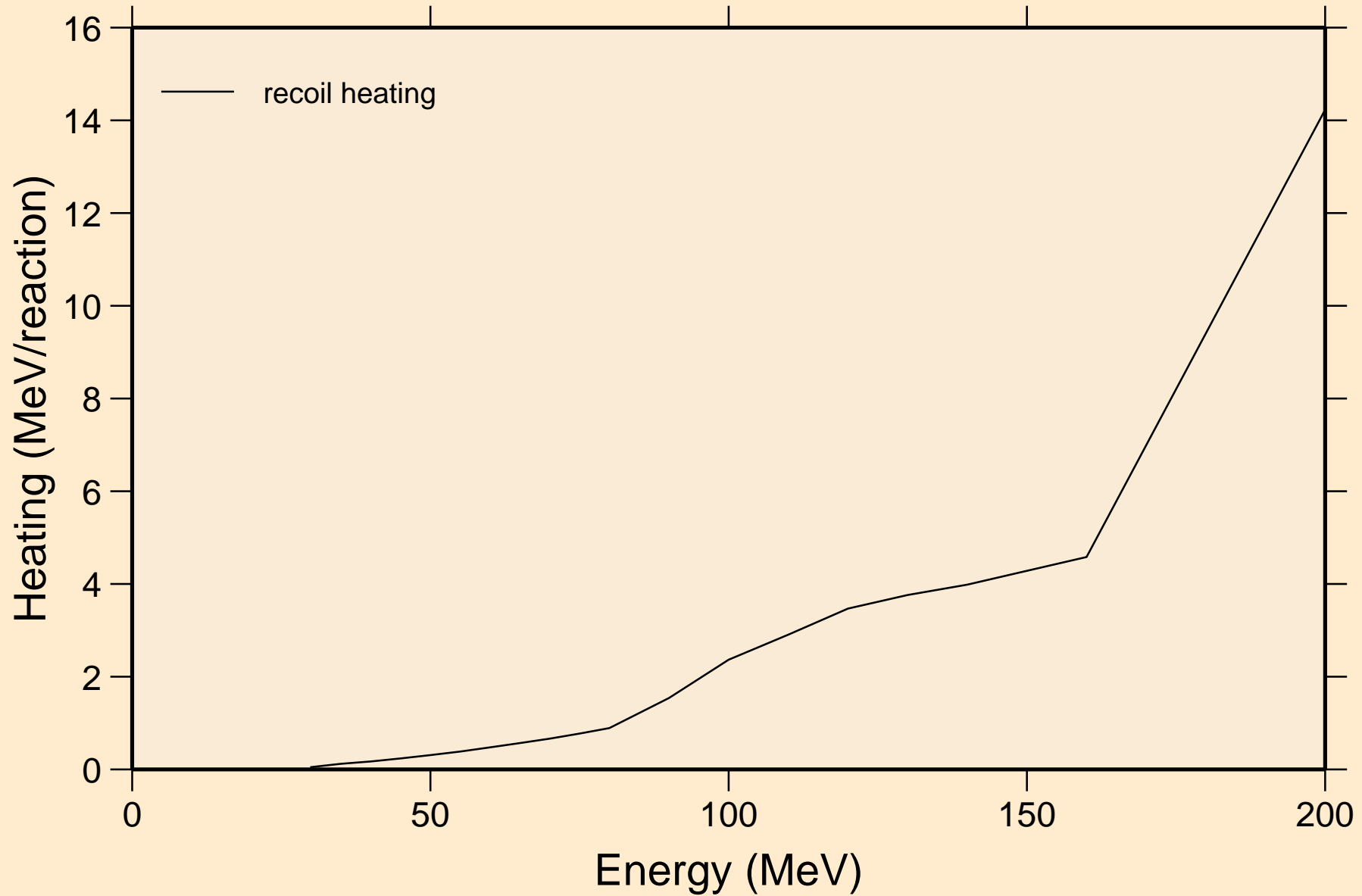


# NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K

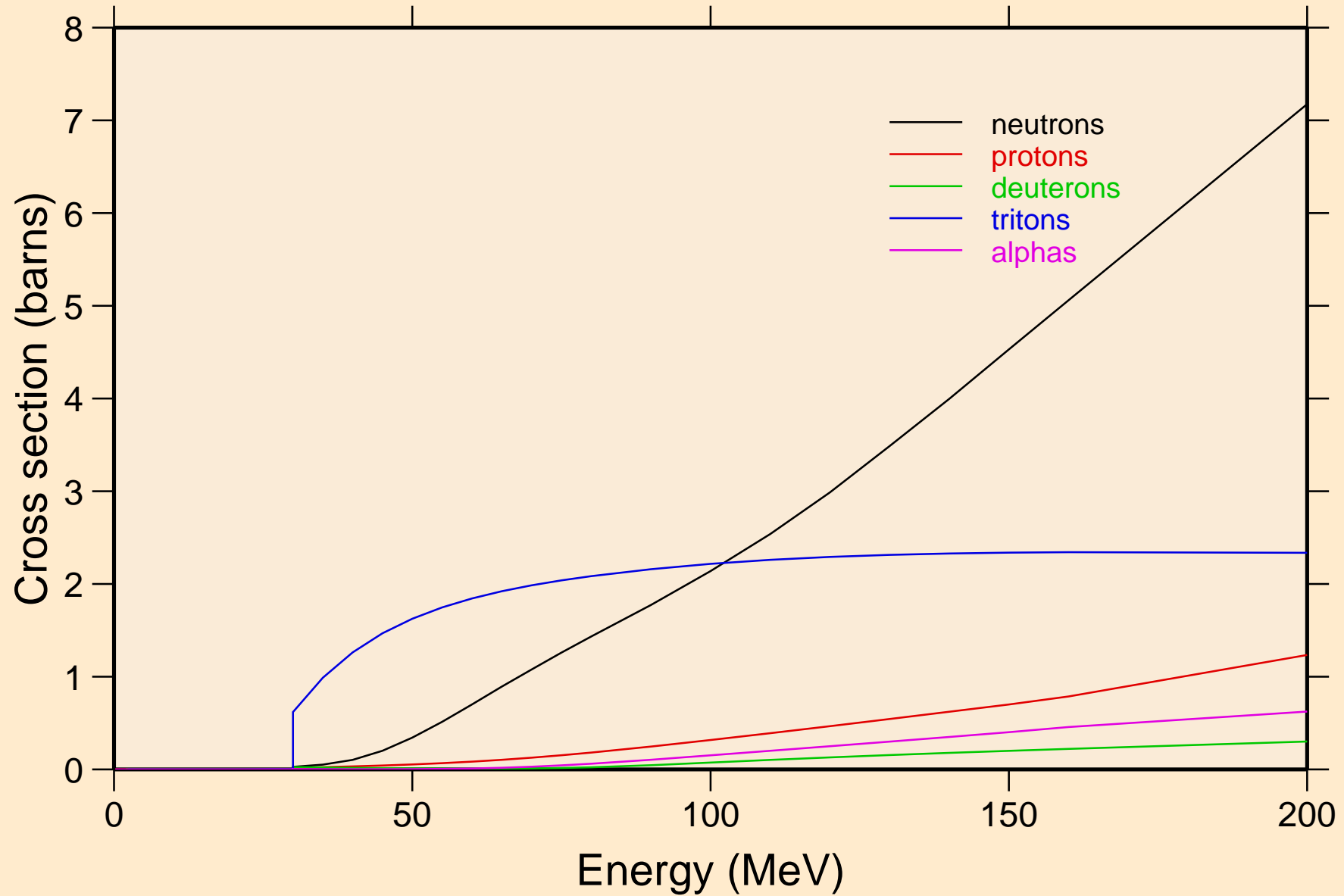
## Particle heating contributions



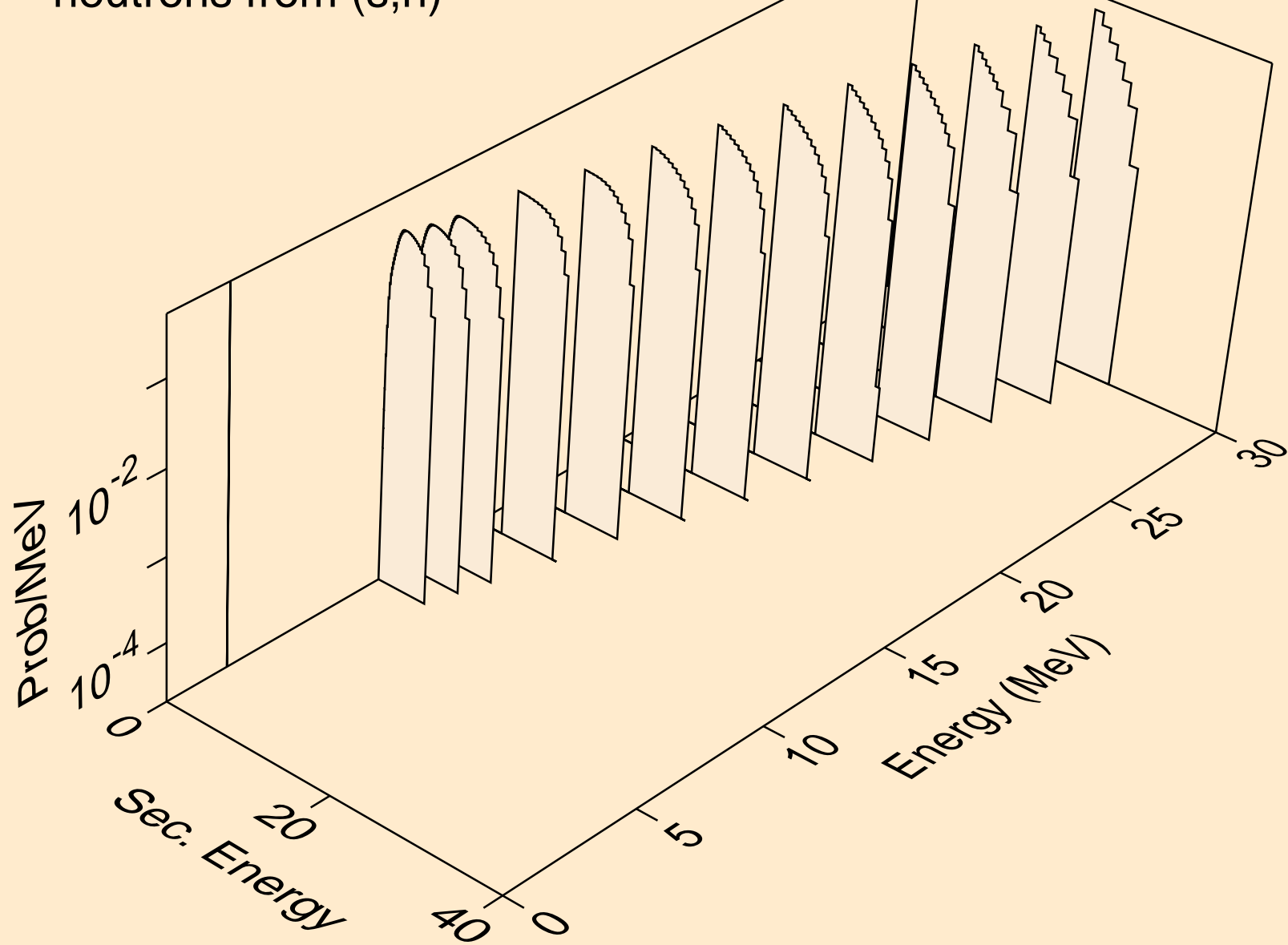
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



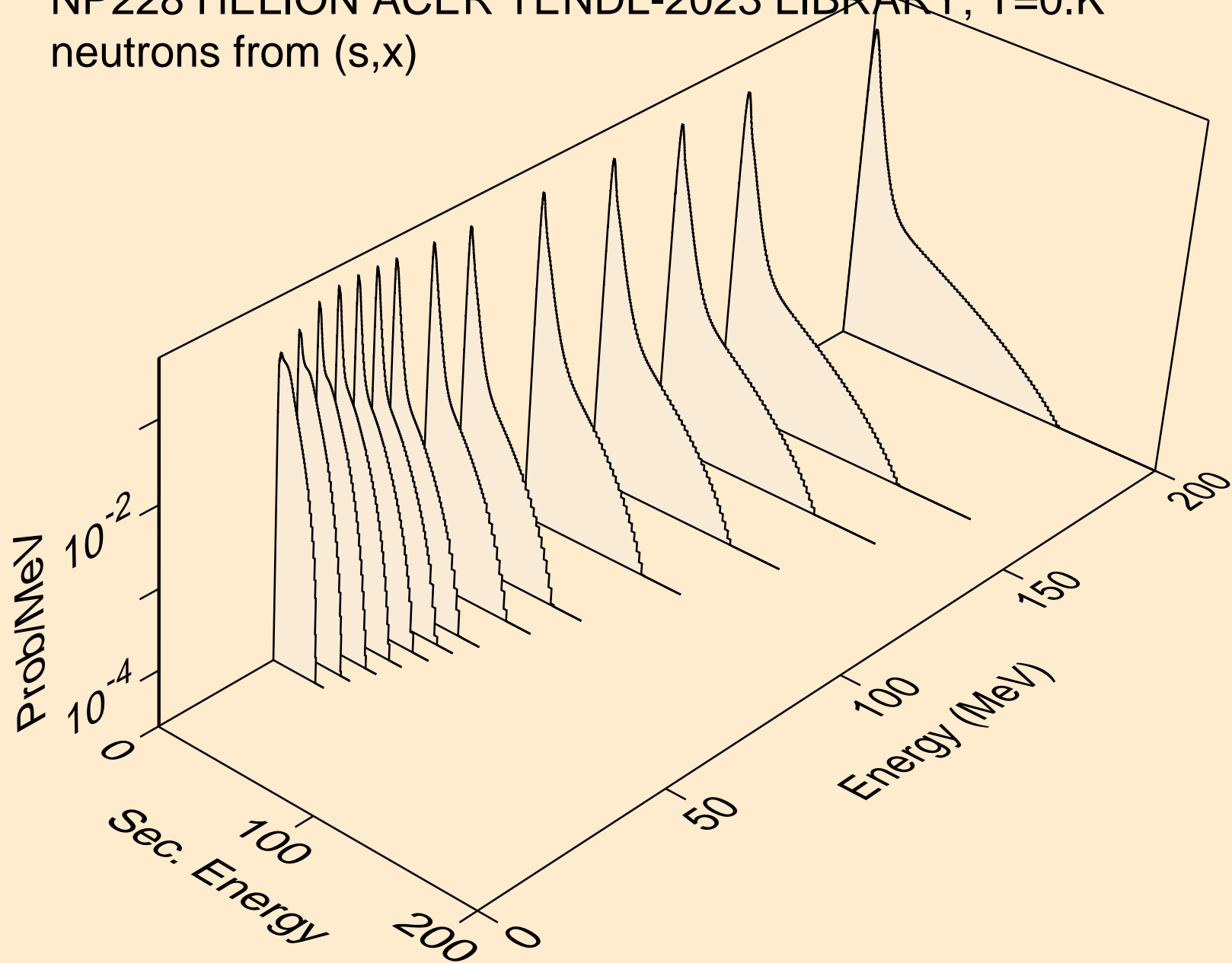
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



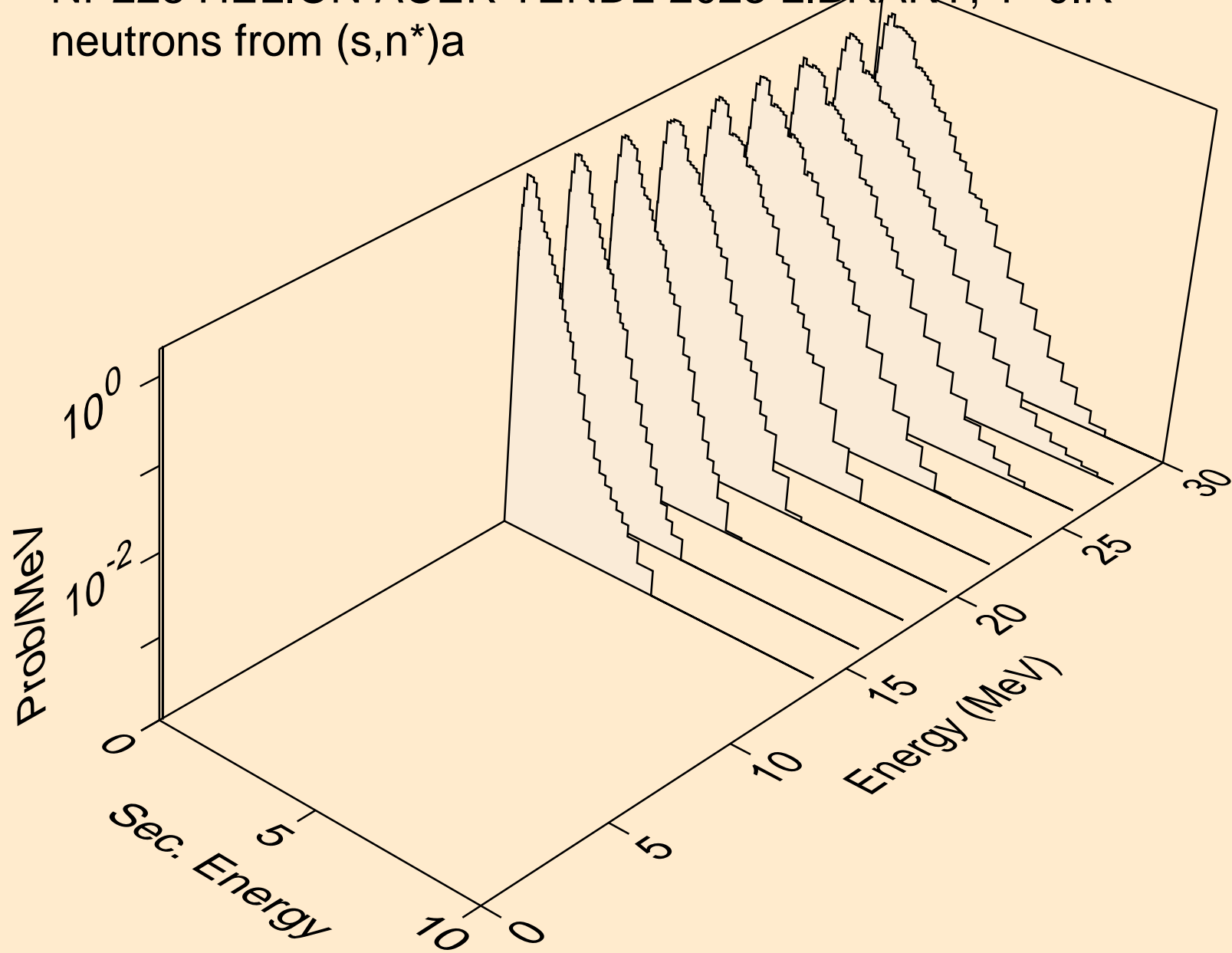
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



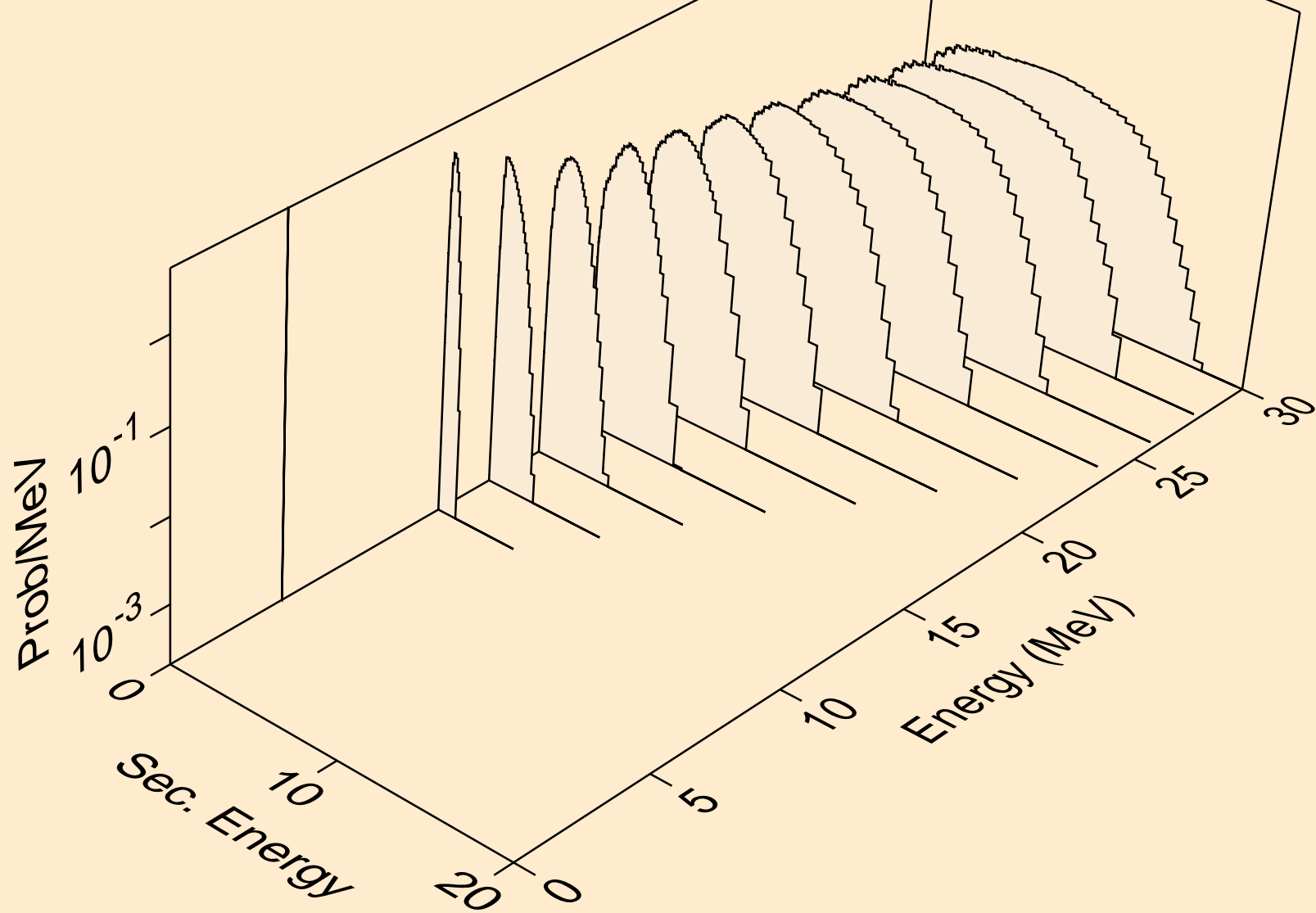
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



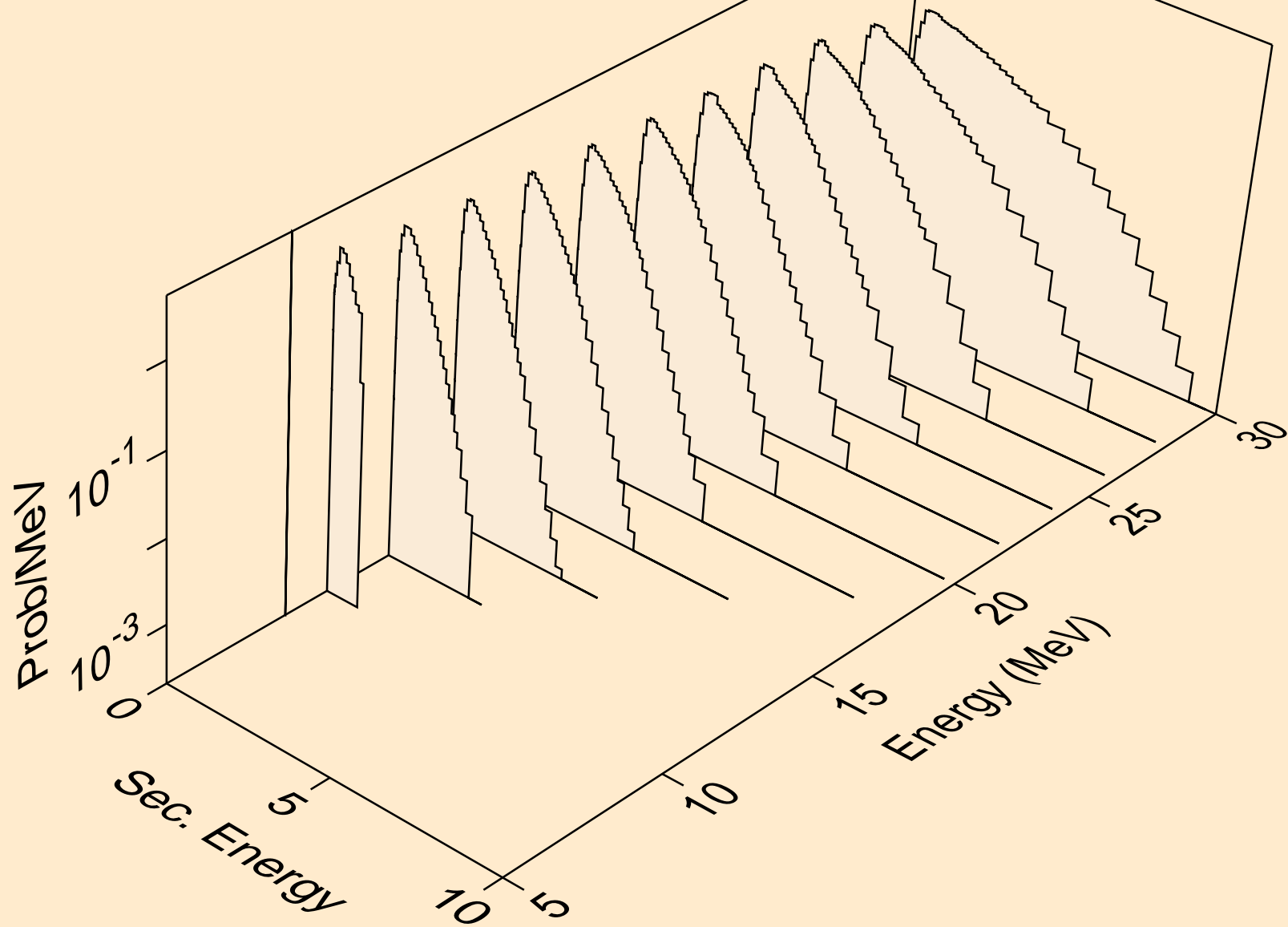
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p

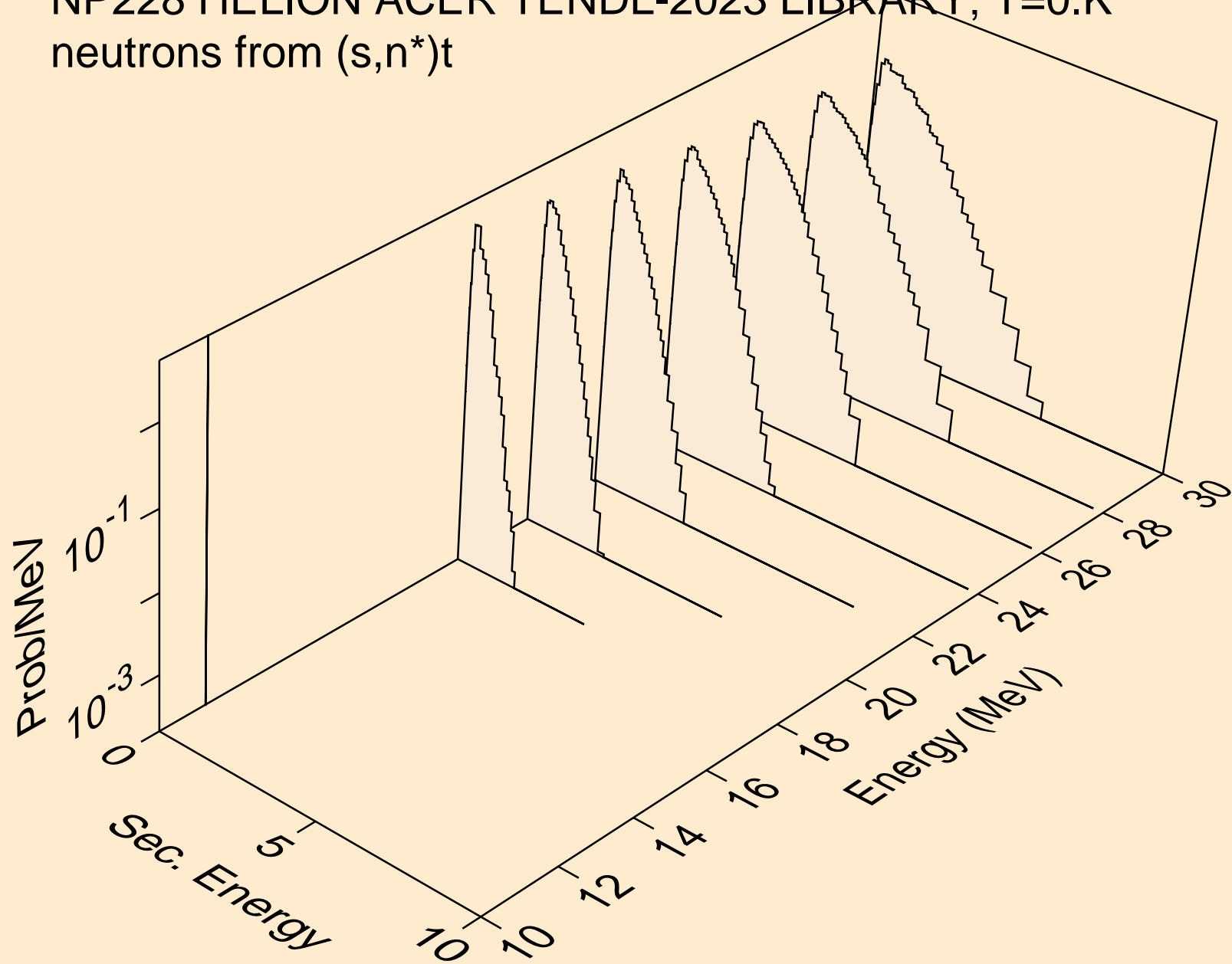


NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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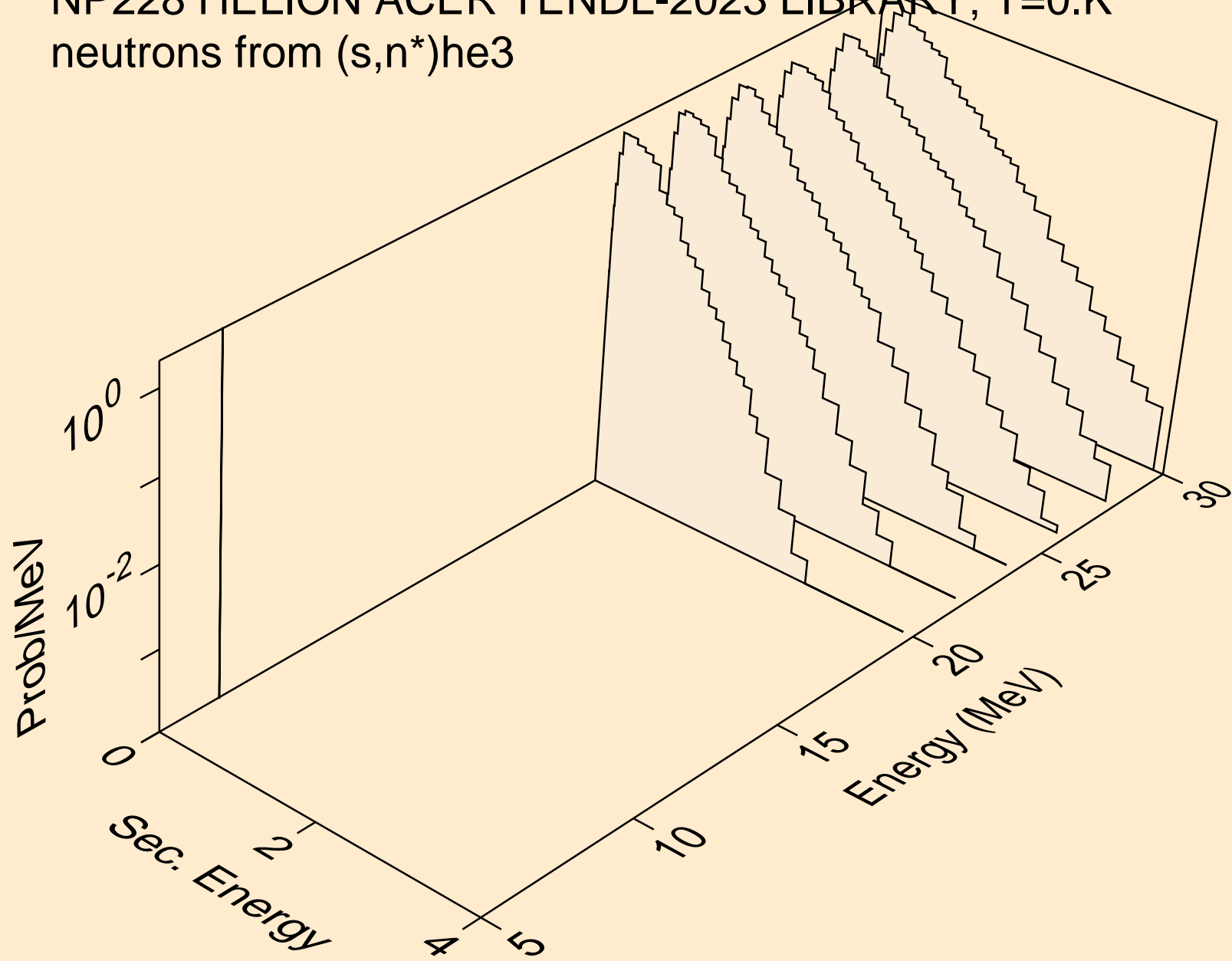




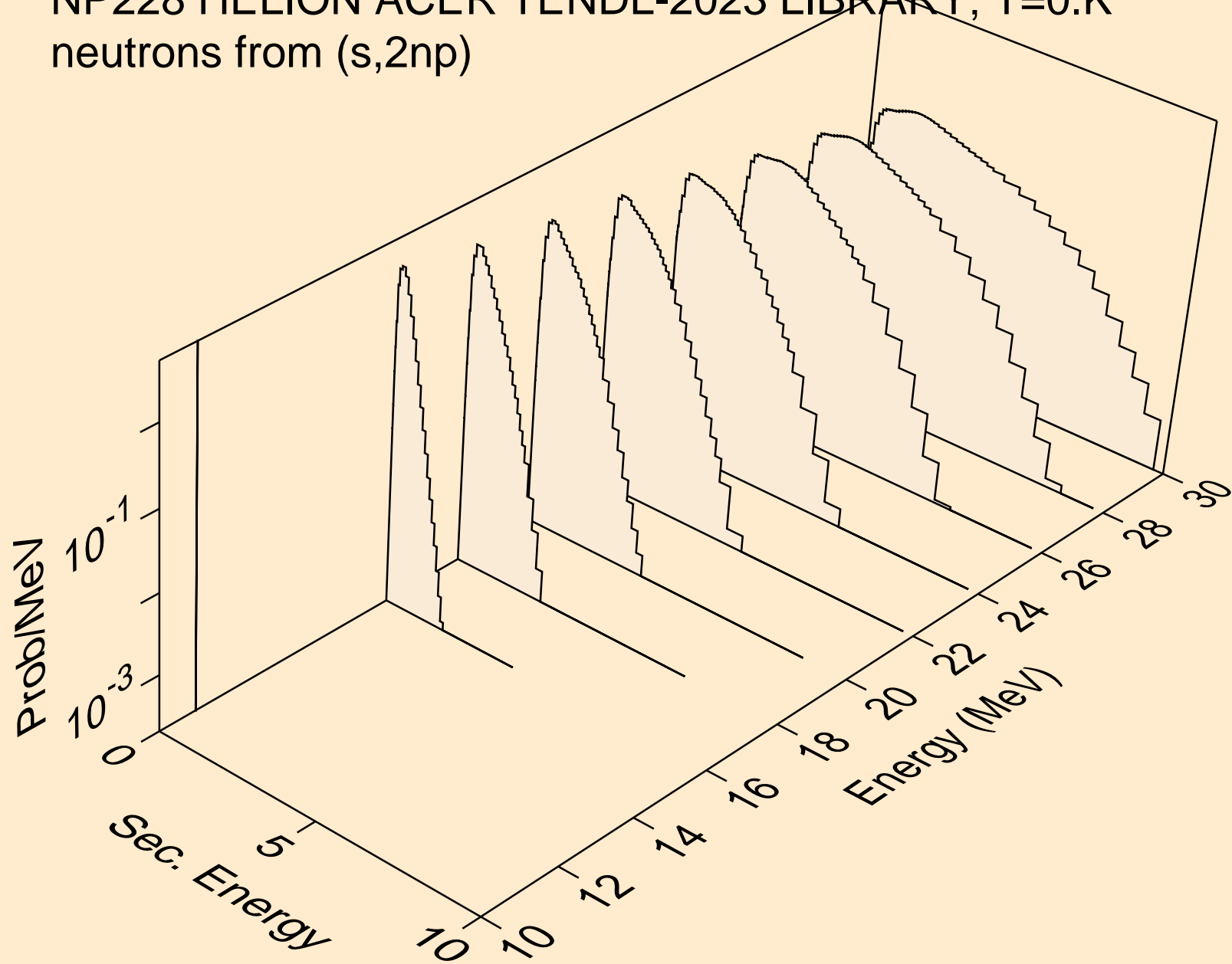
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



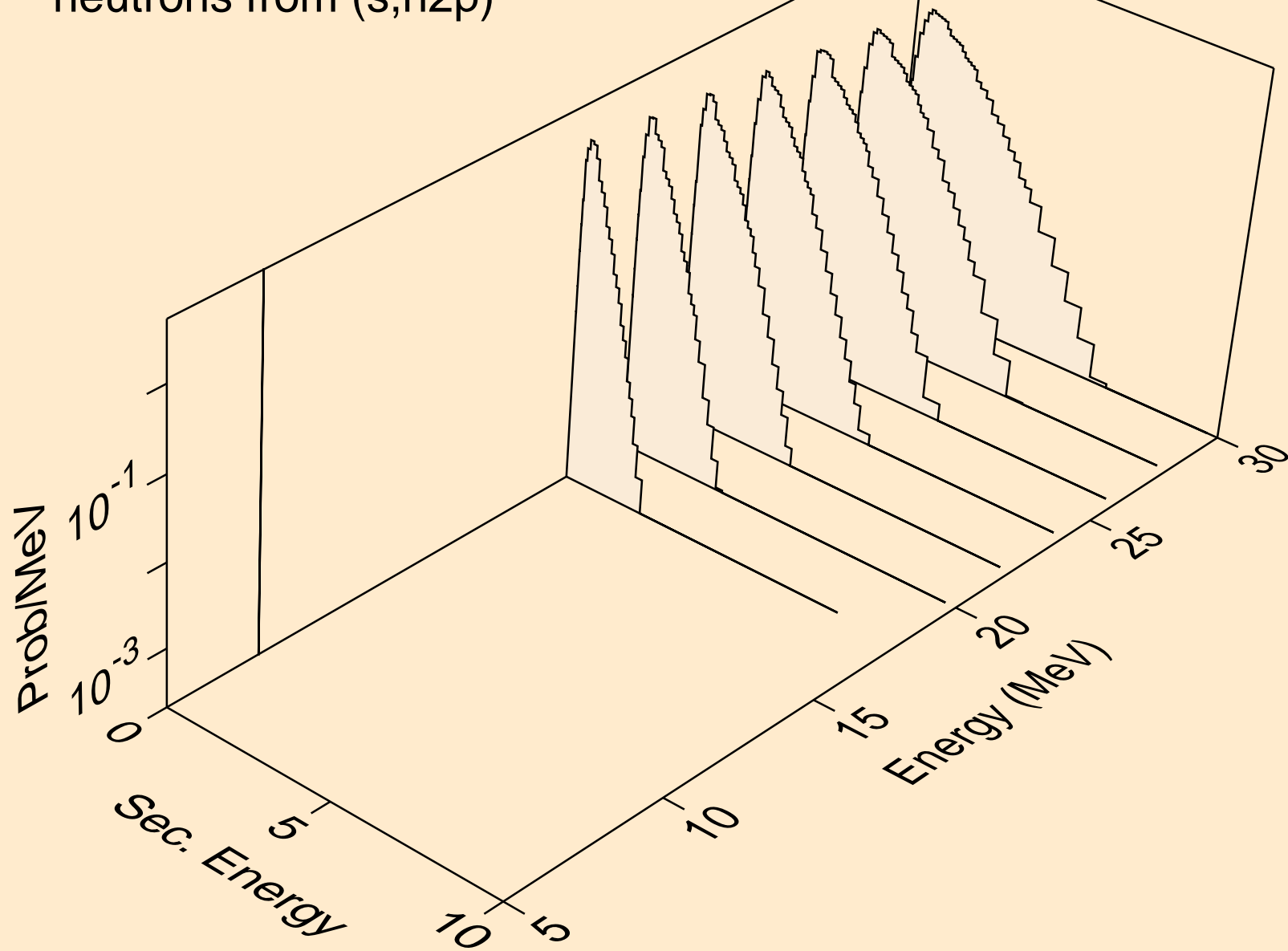
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



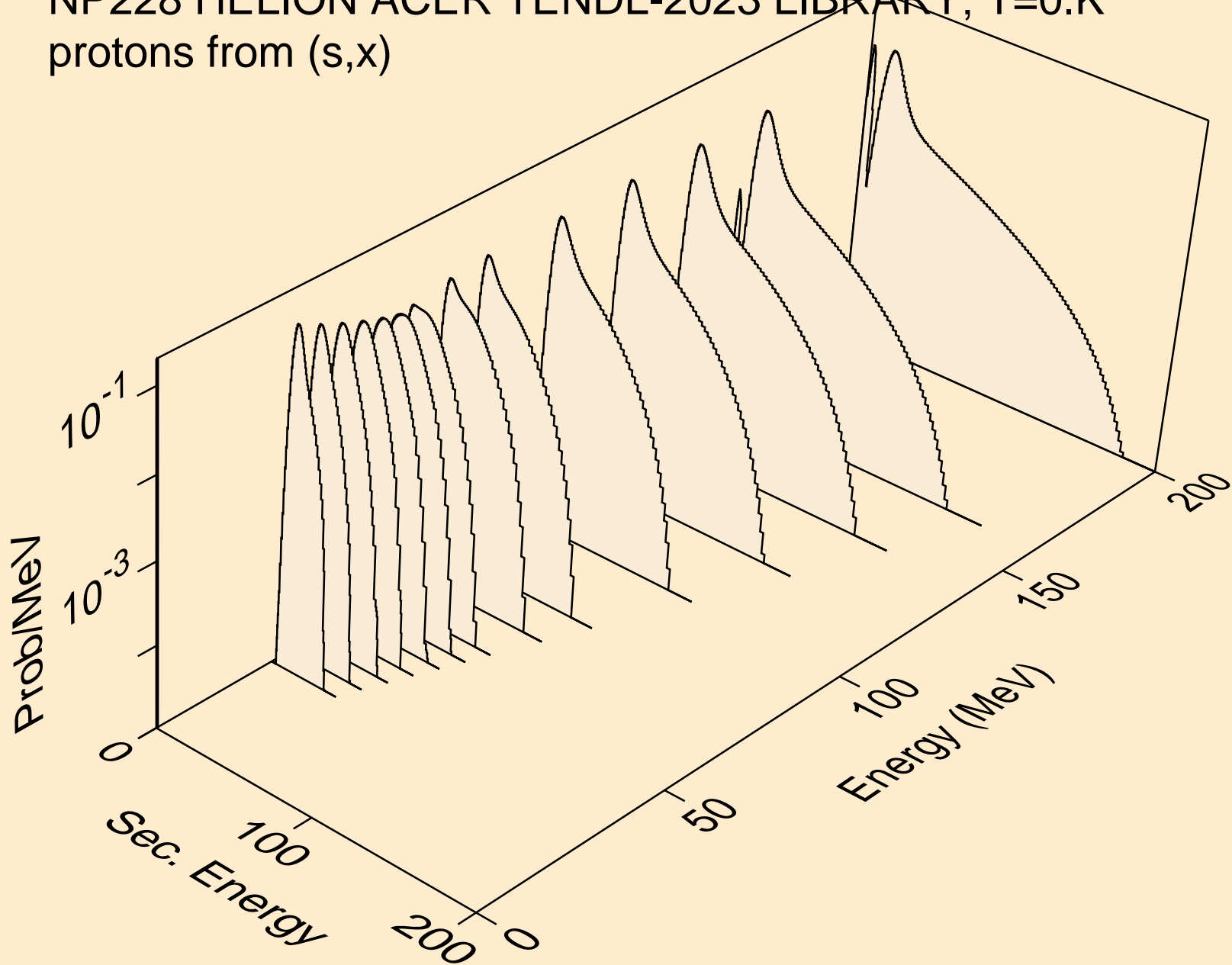
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



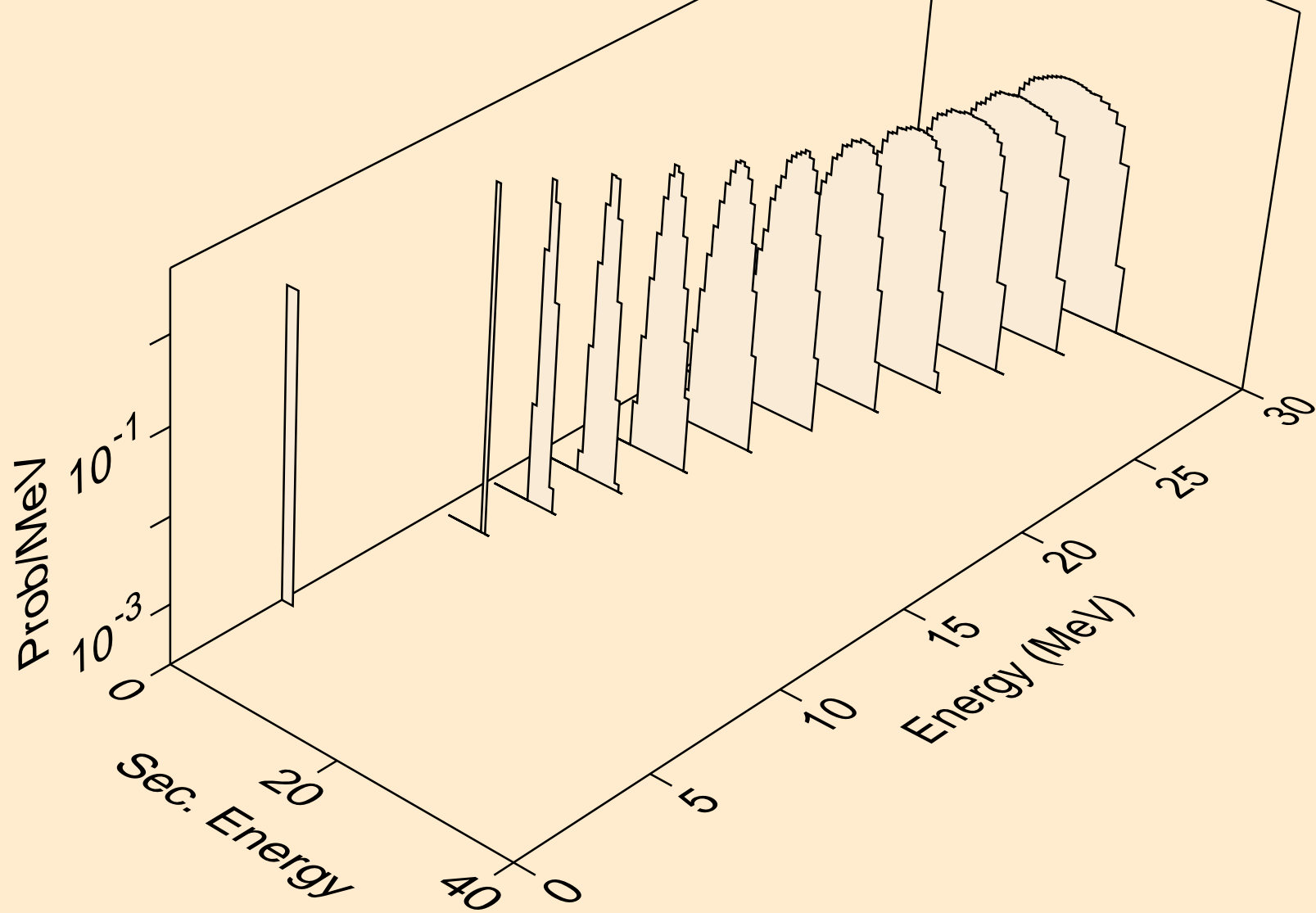
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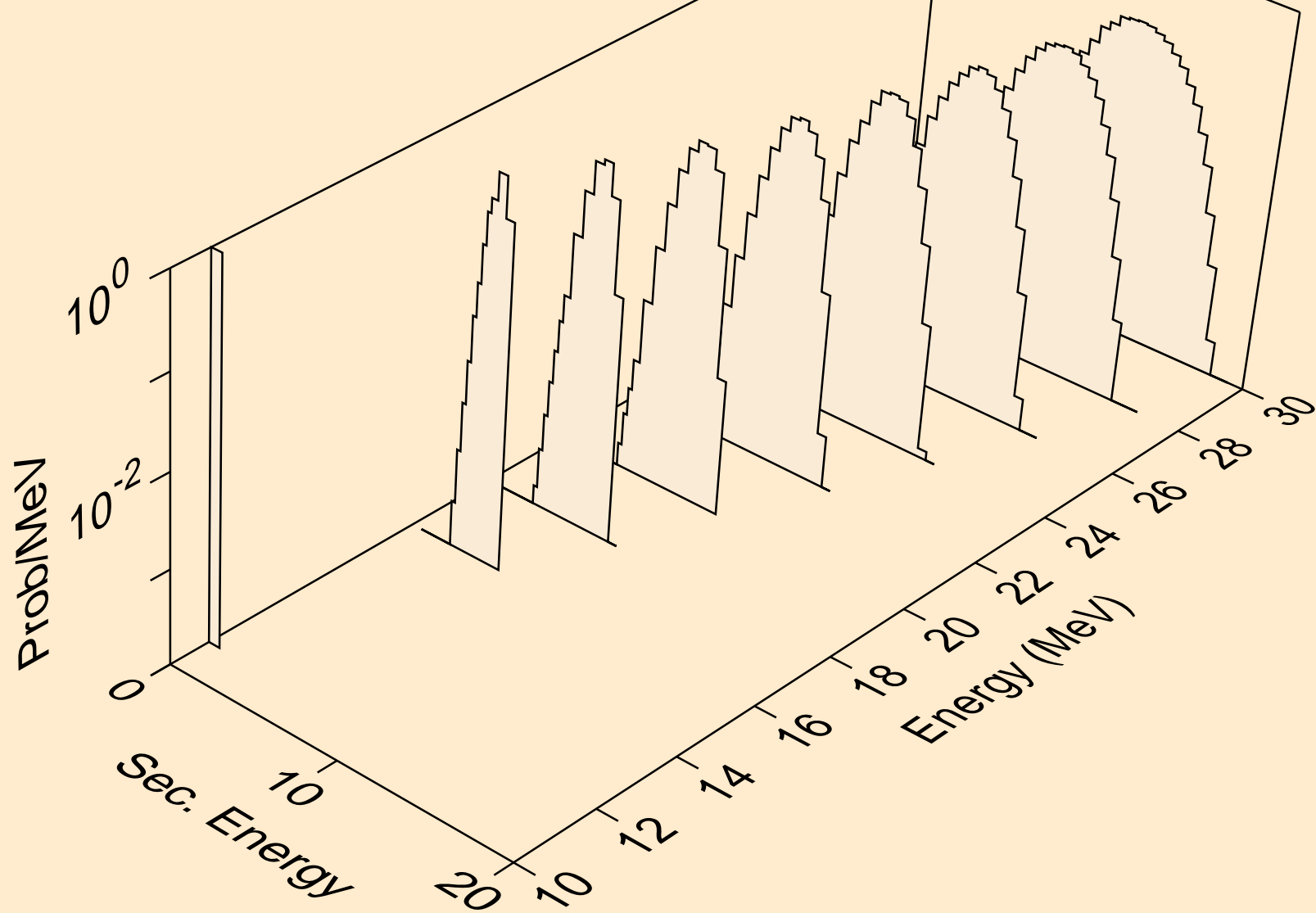
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protons from (s,x)



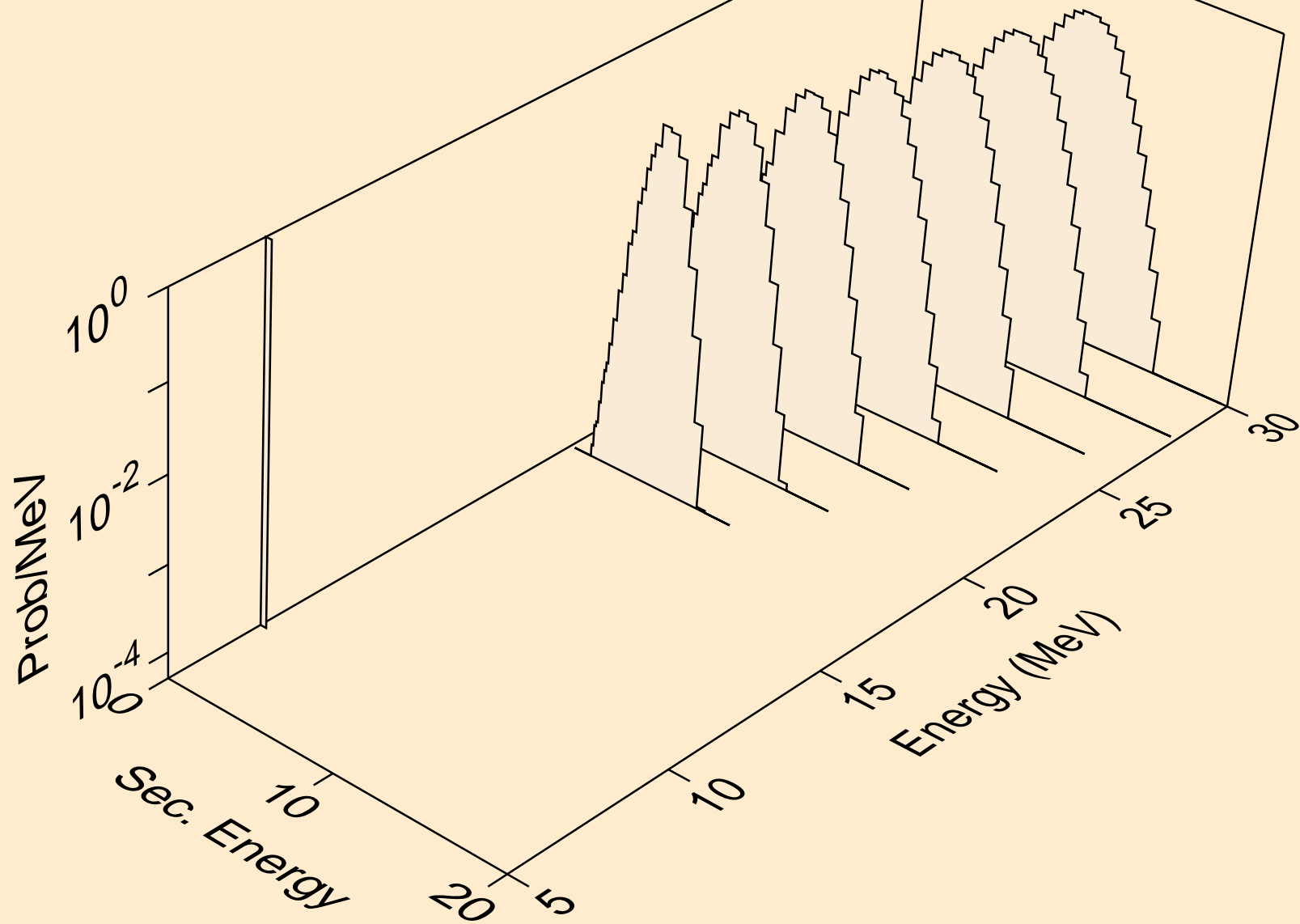
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)

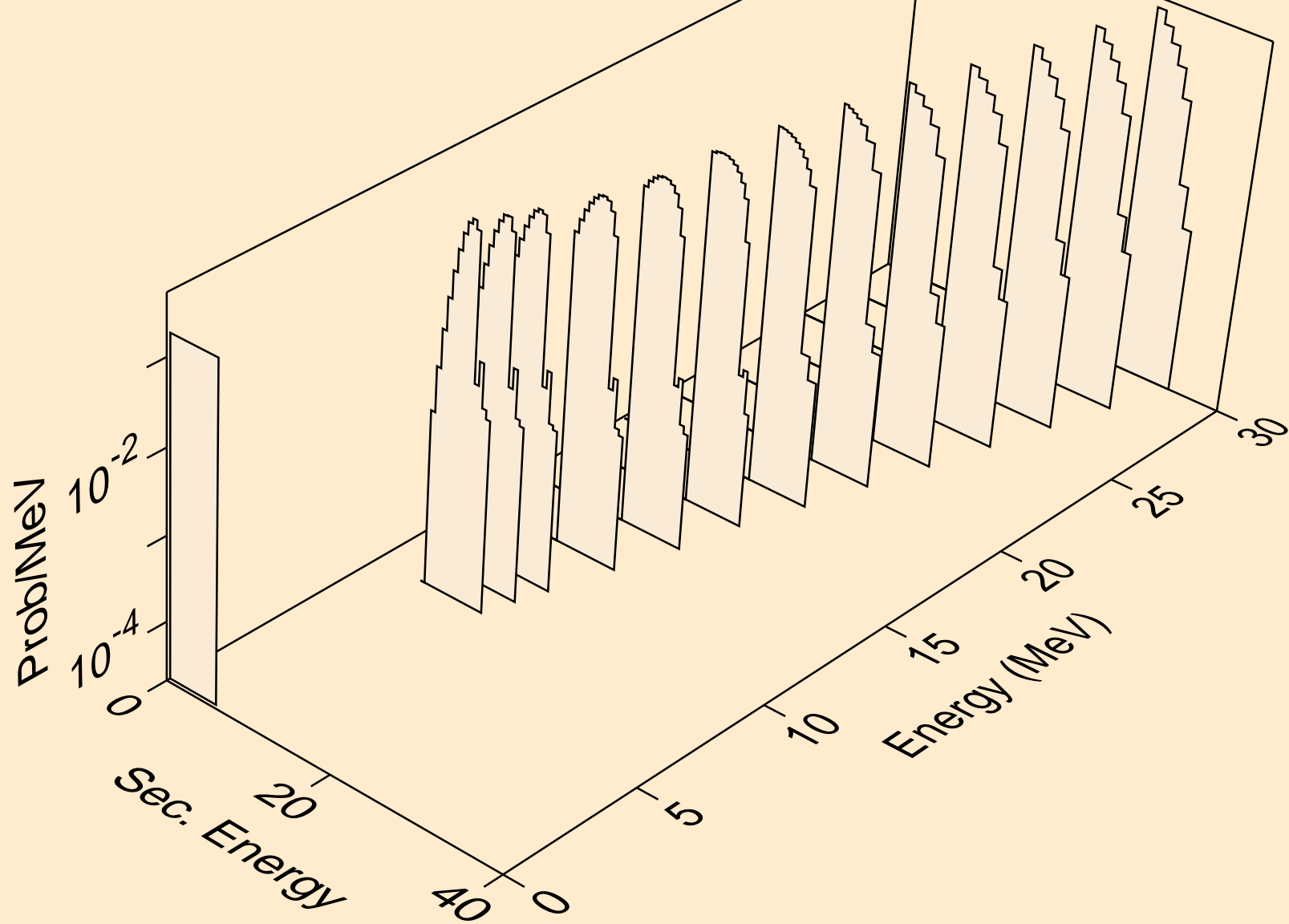


NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)

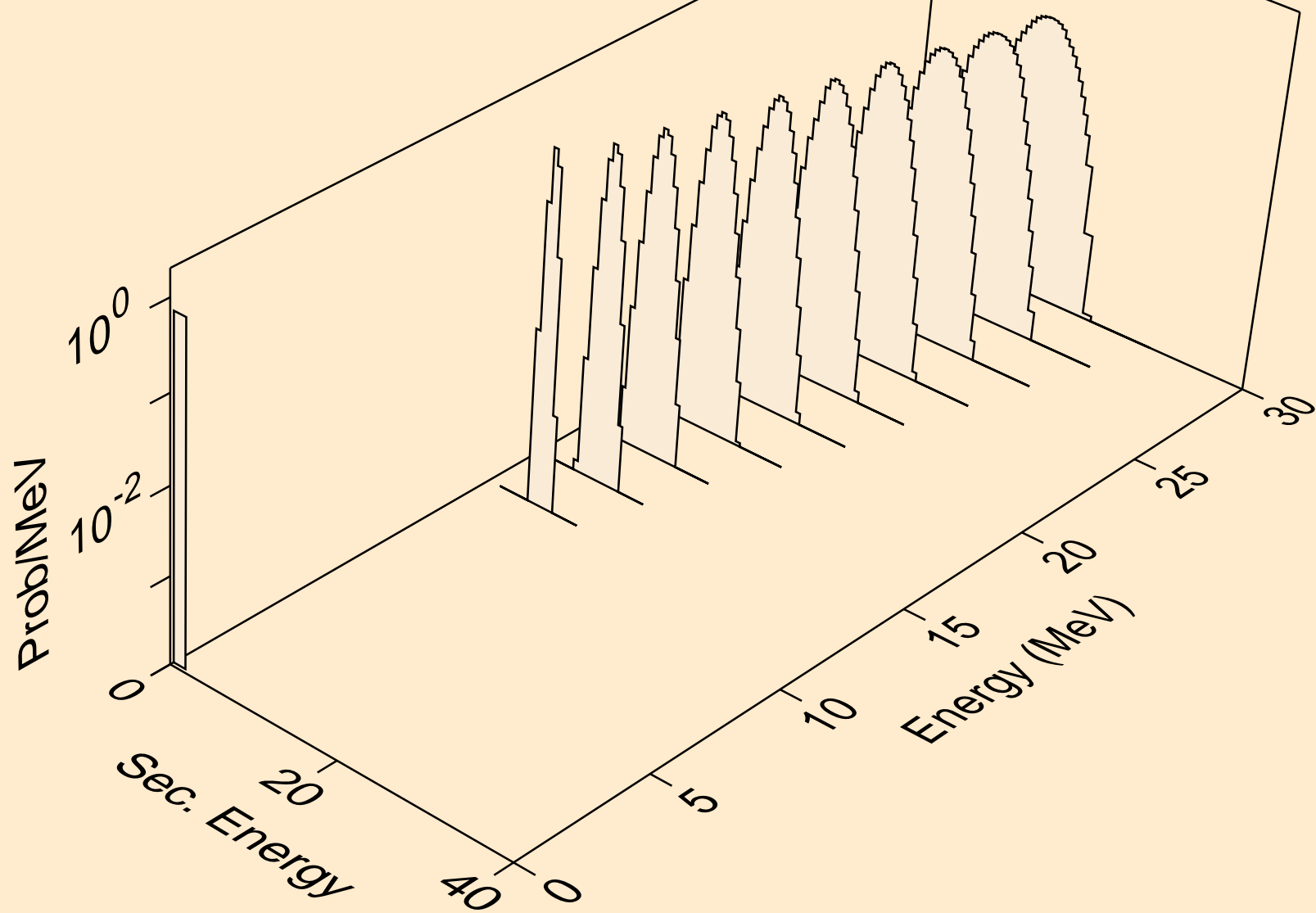




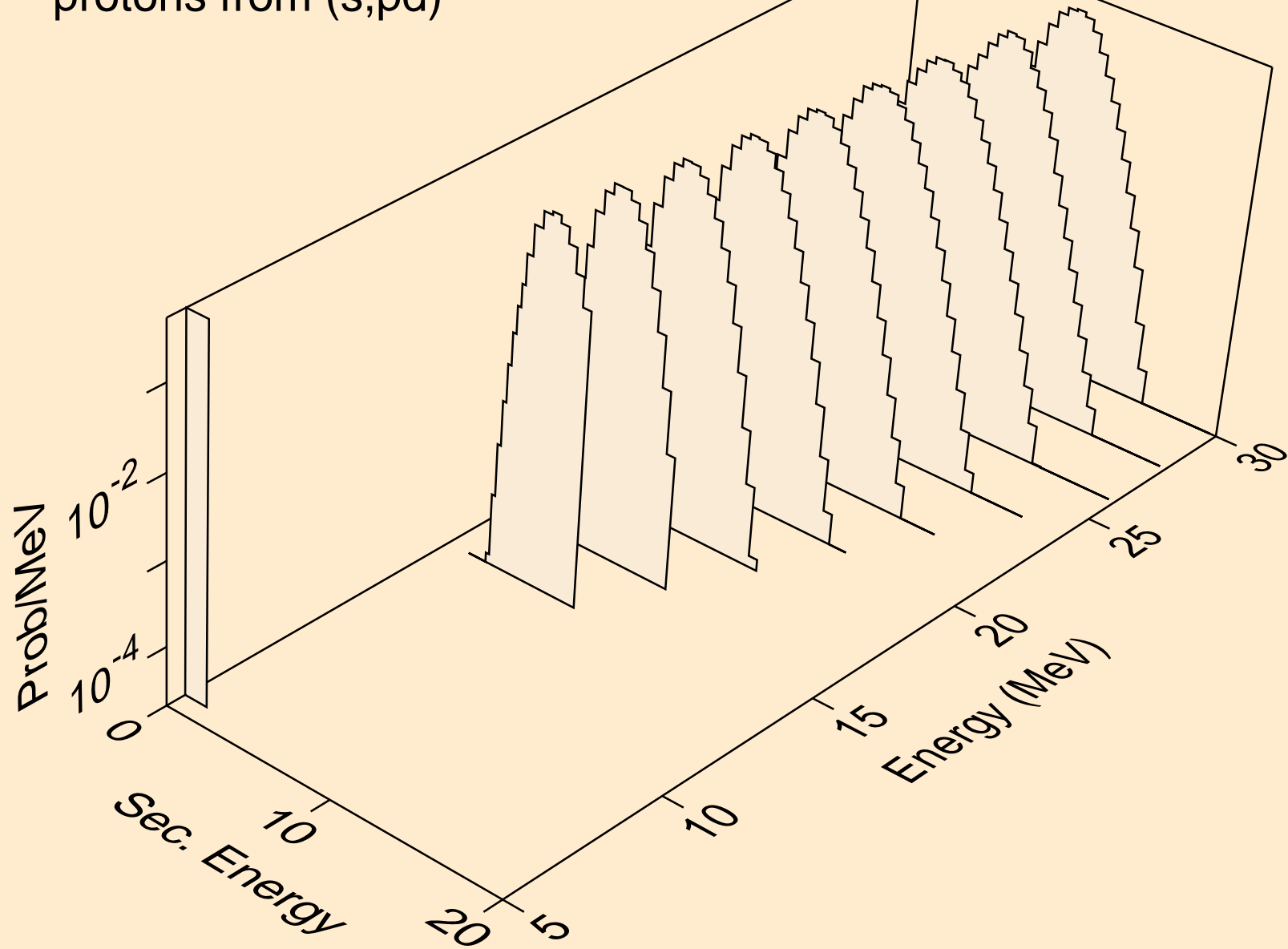
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



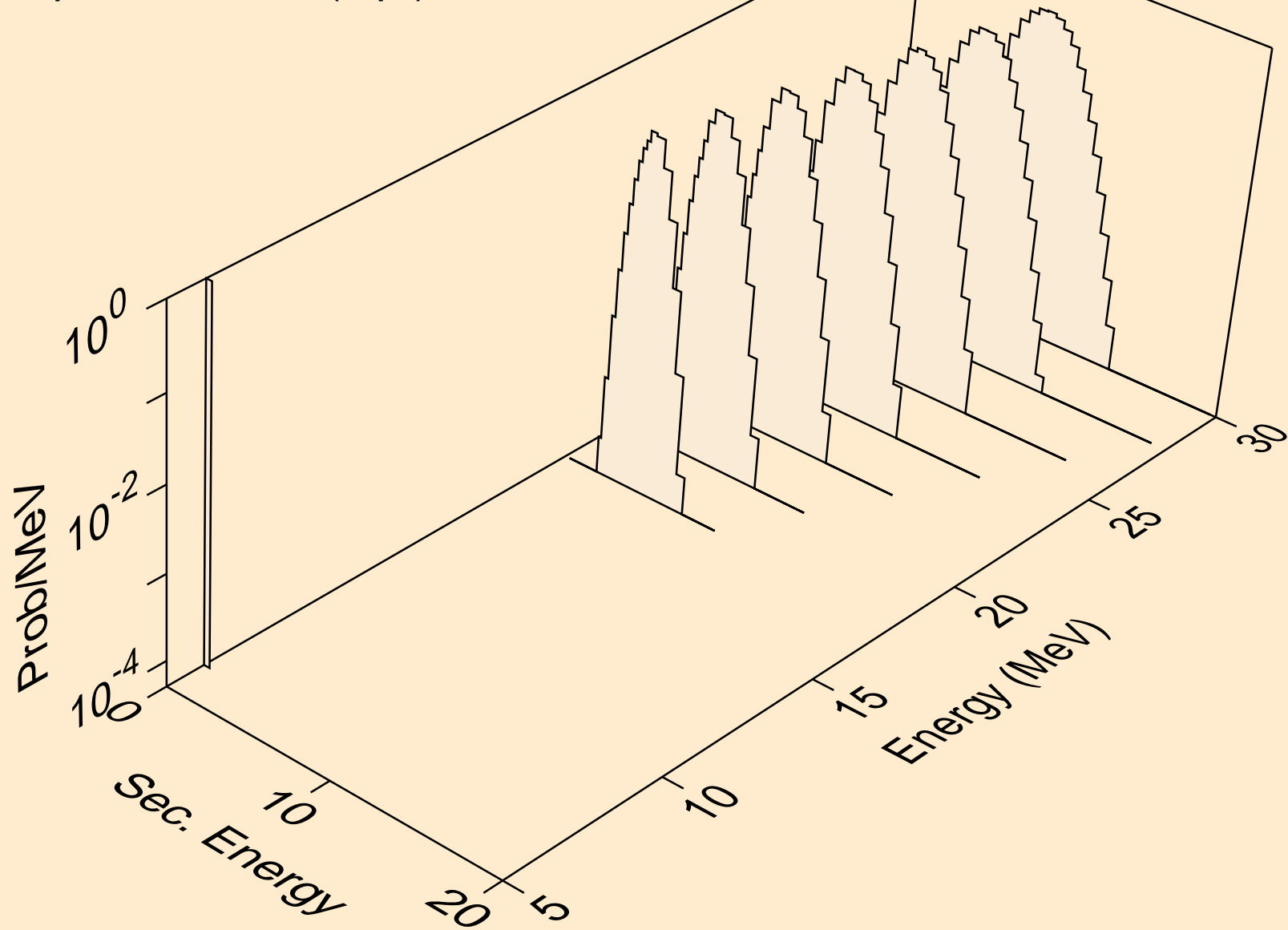
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protons from (s,2p)



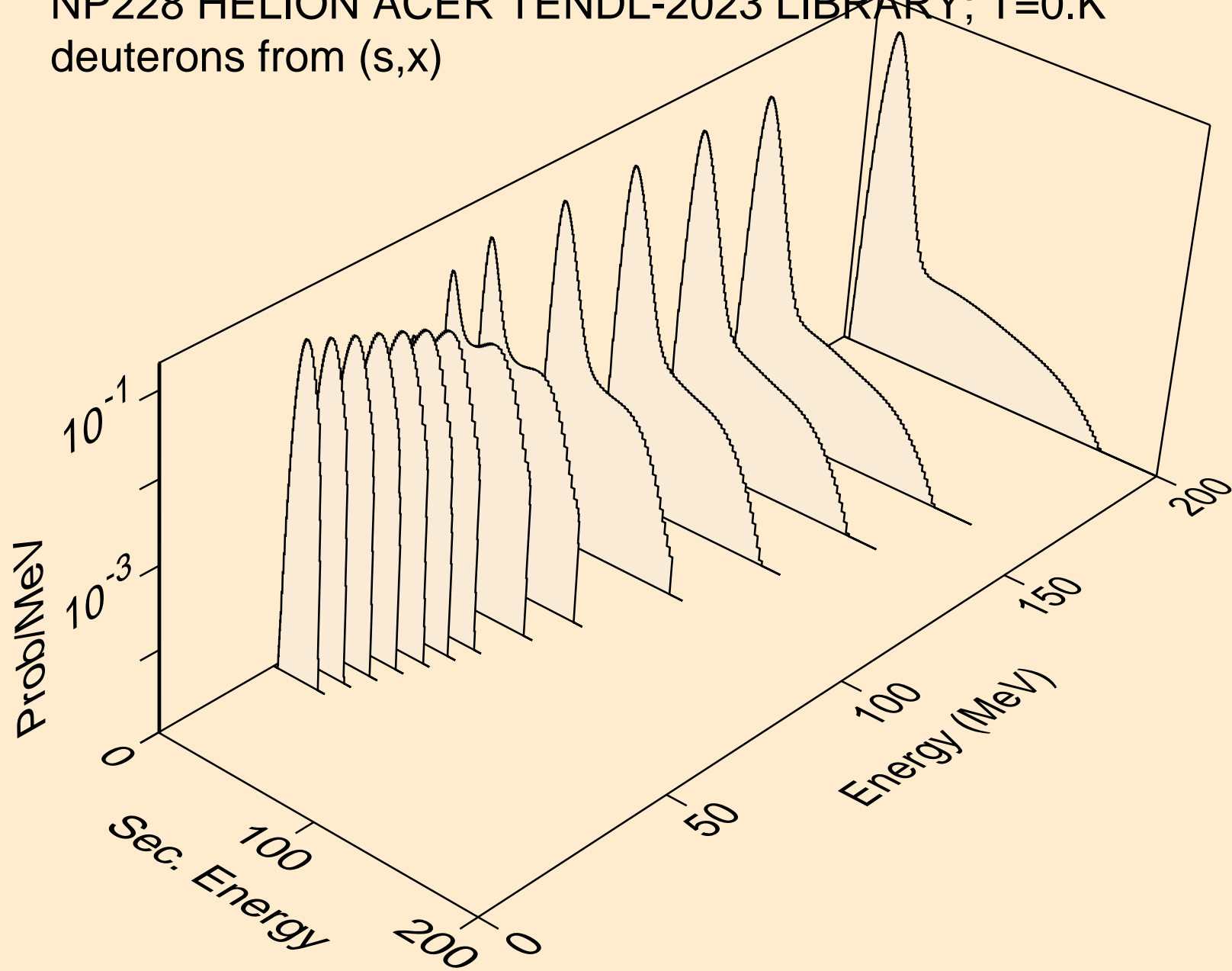
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



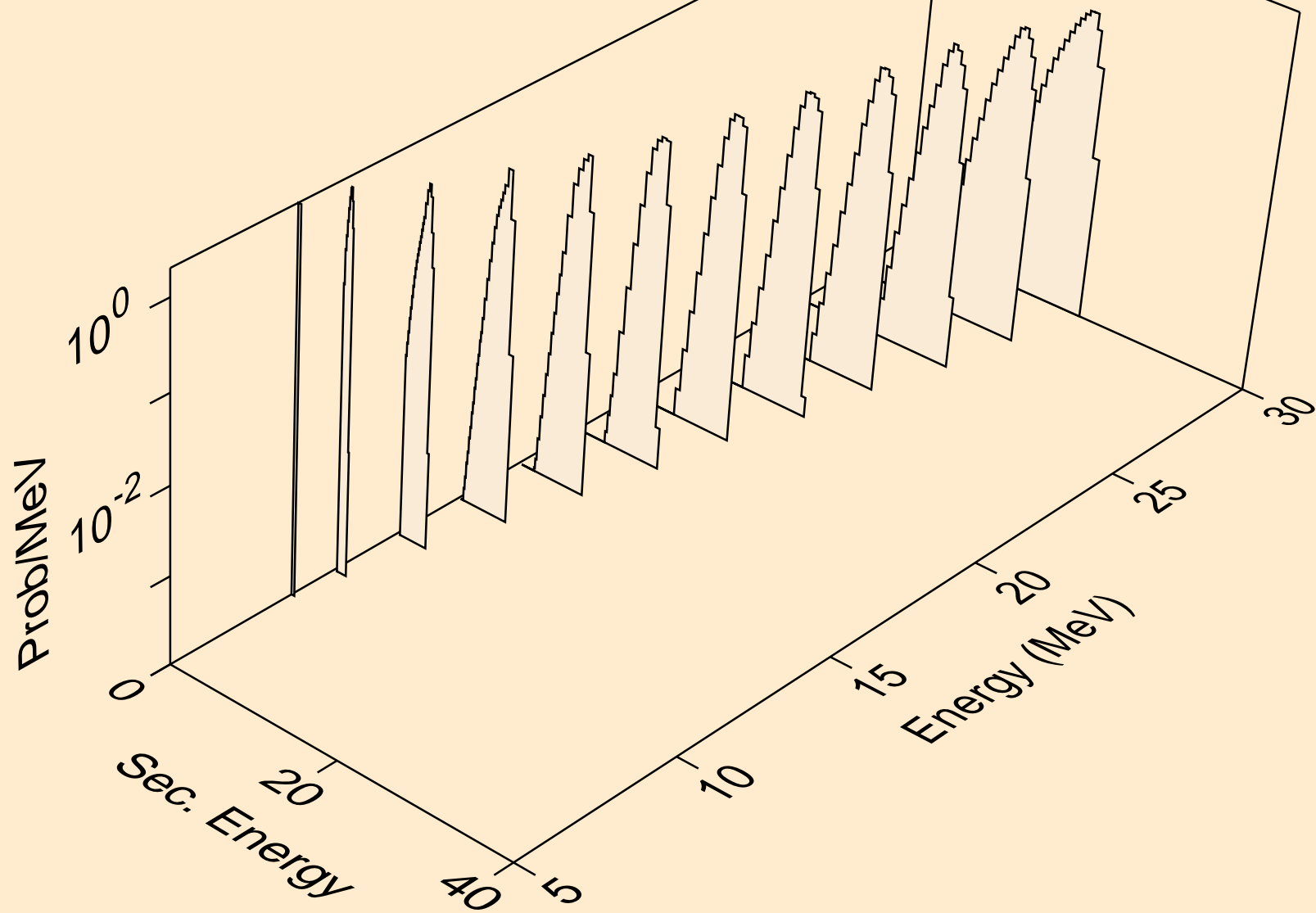
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



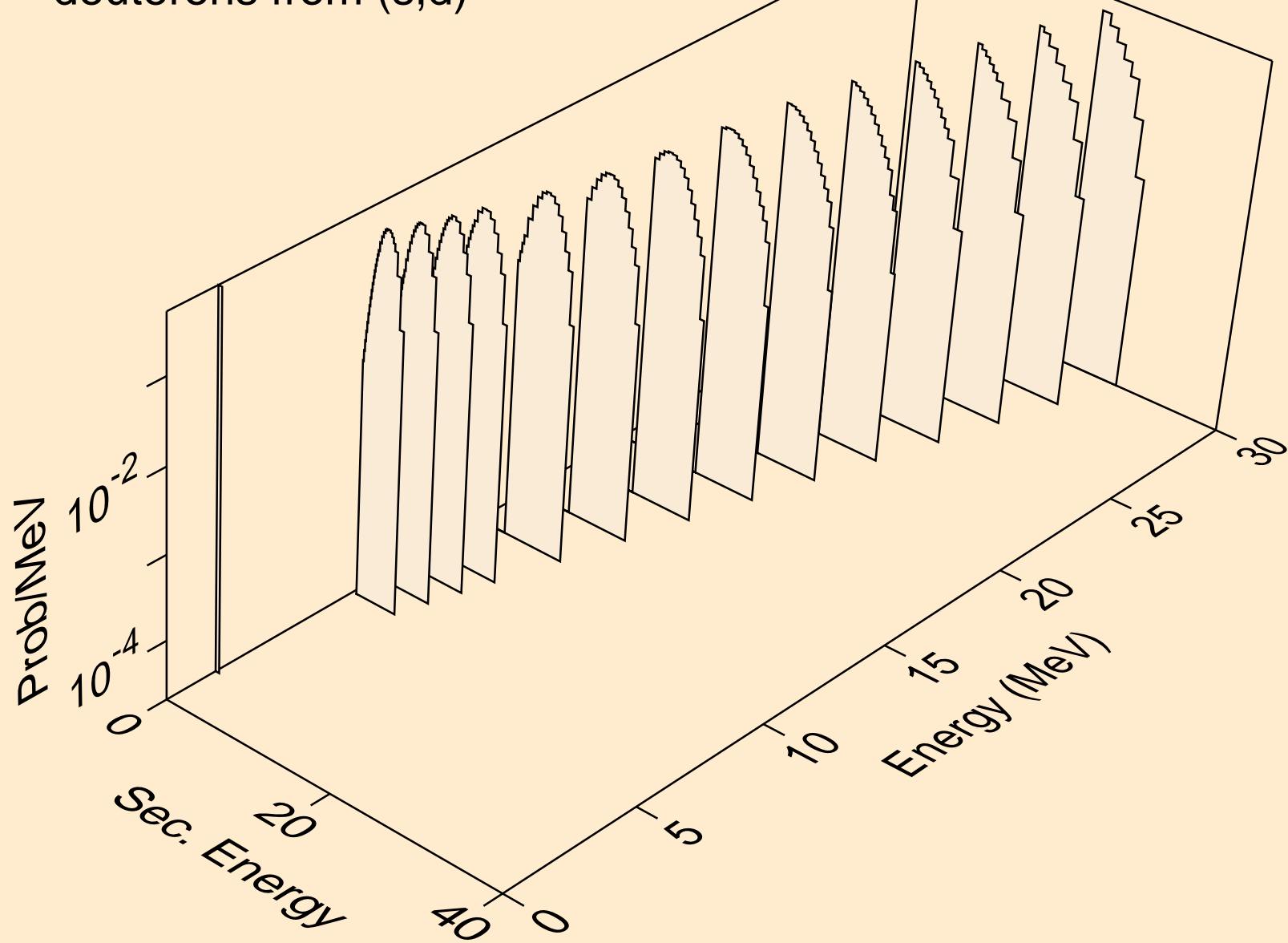
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



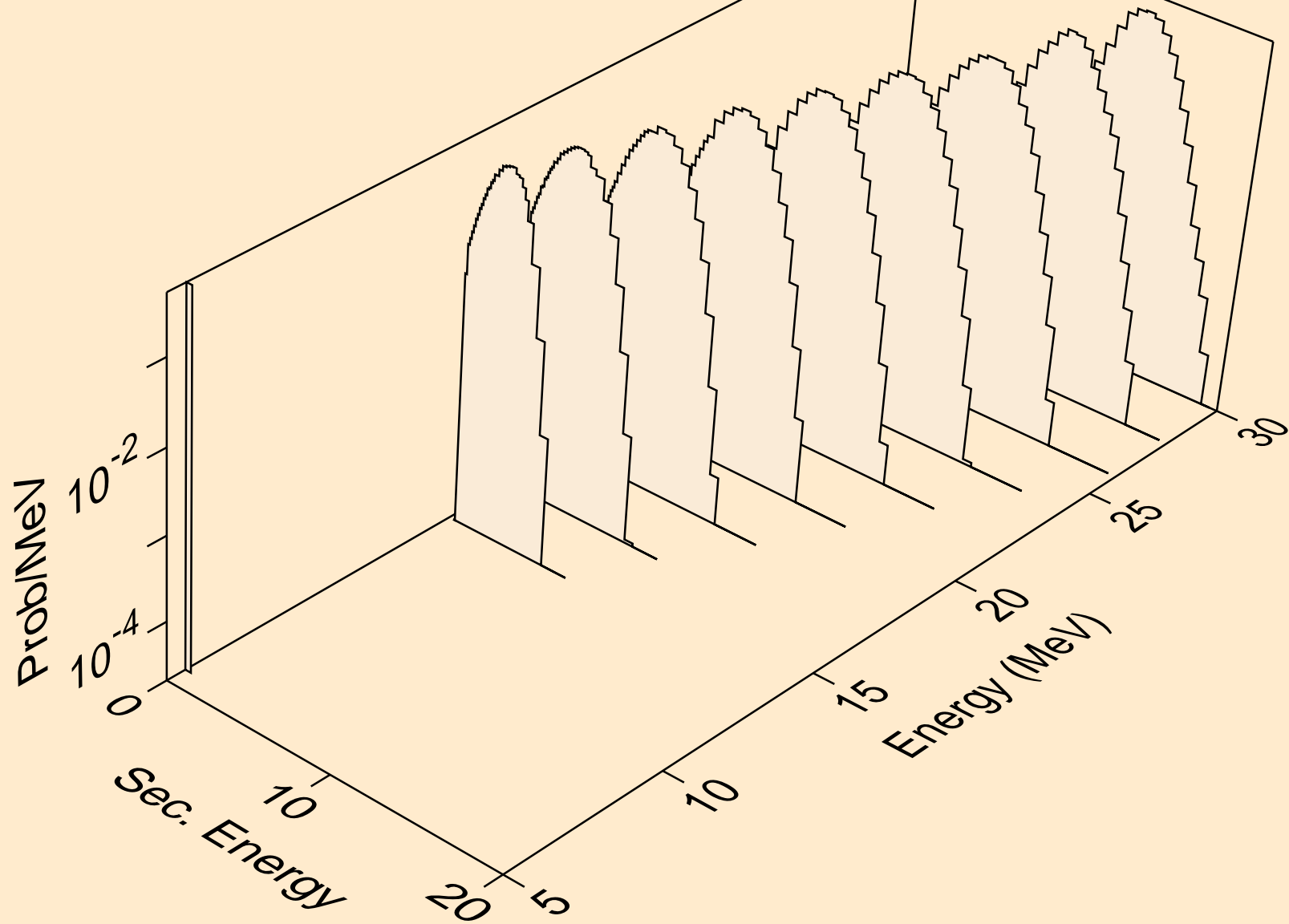
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)

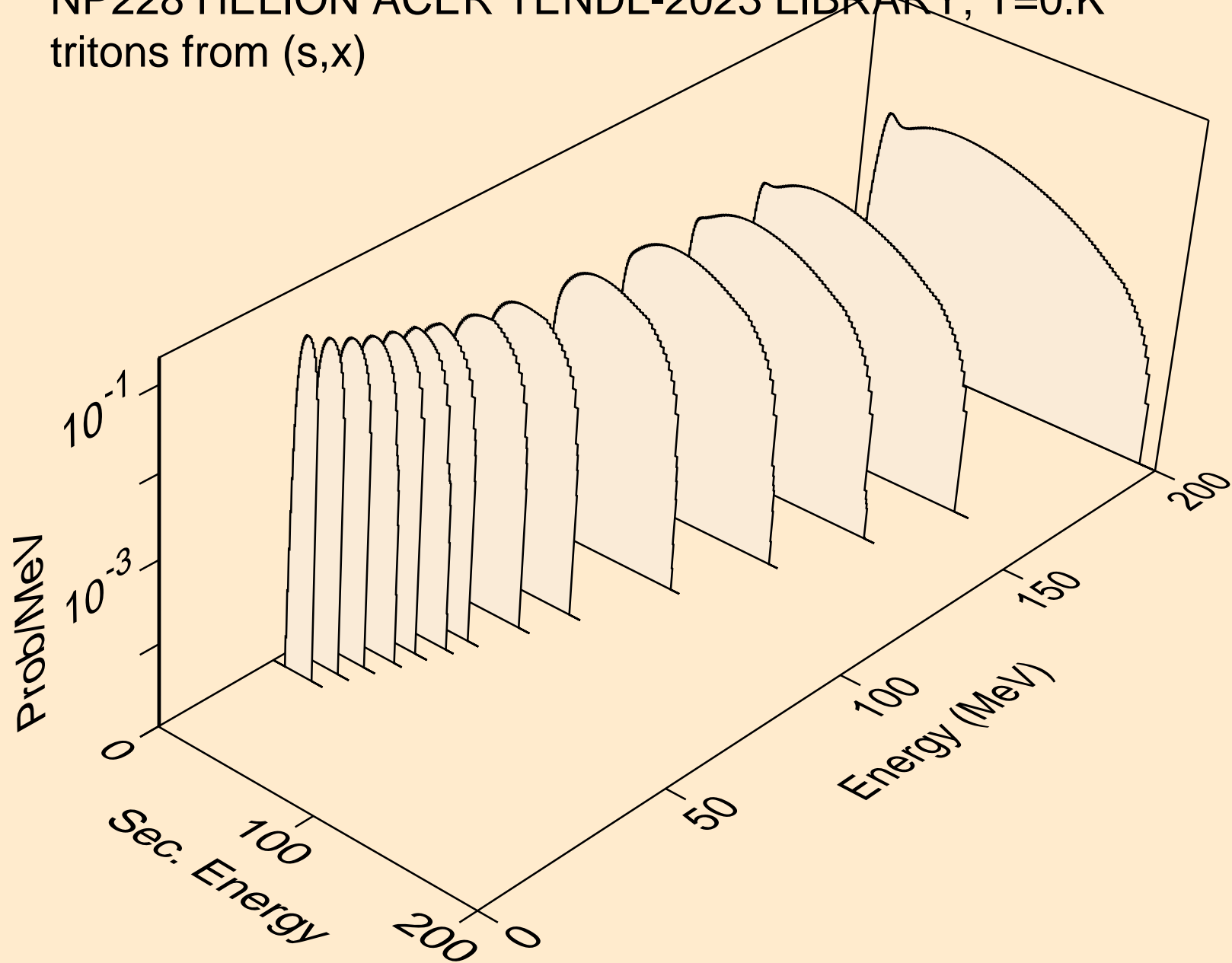


NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)

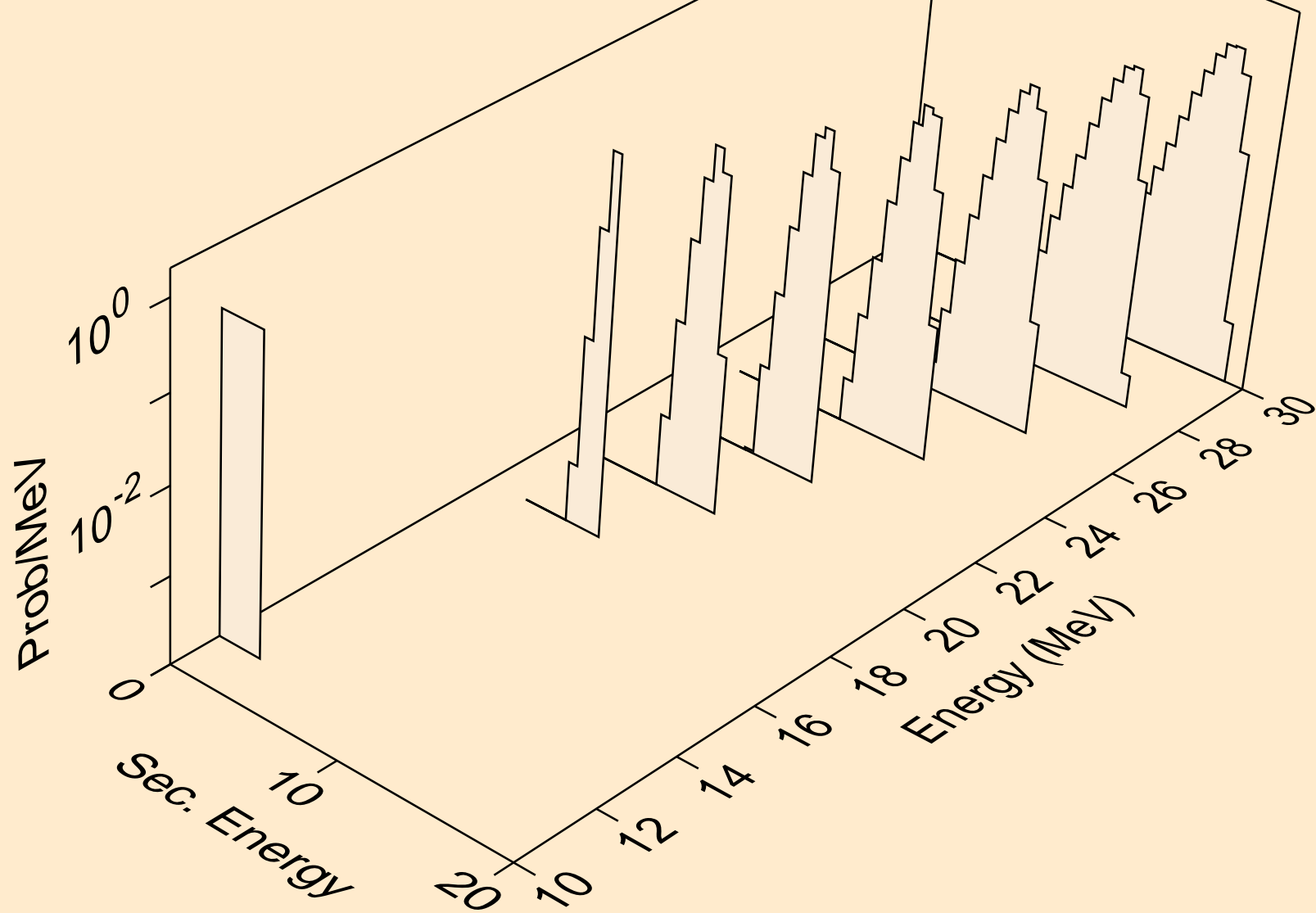




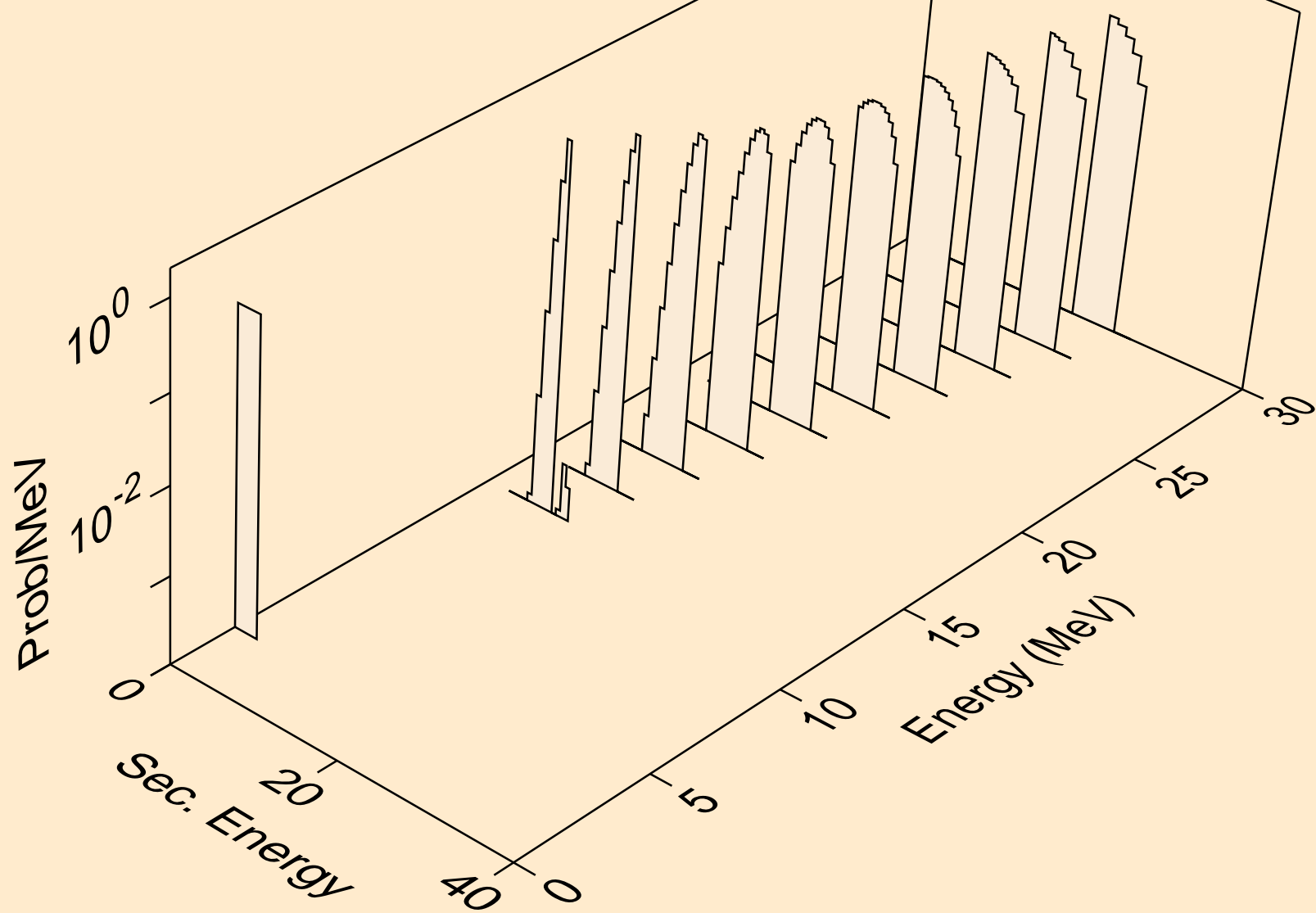
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



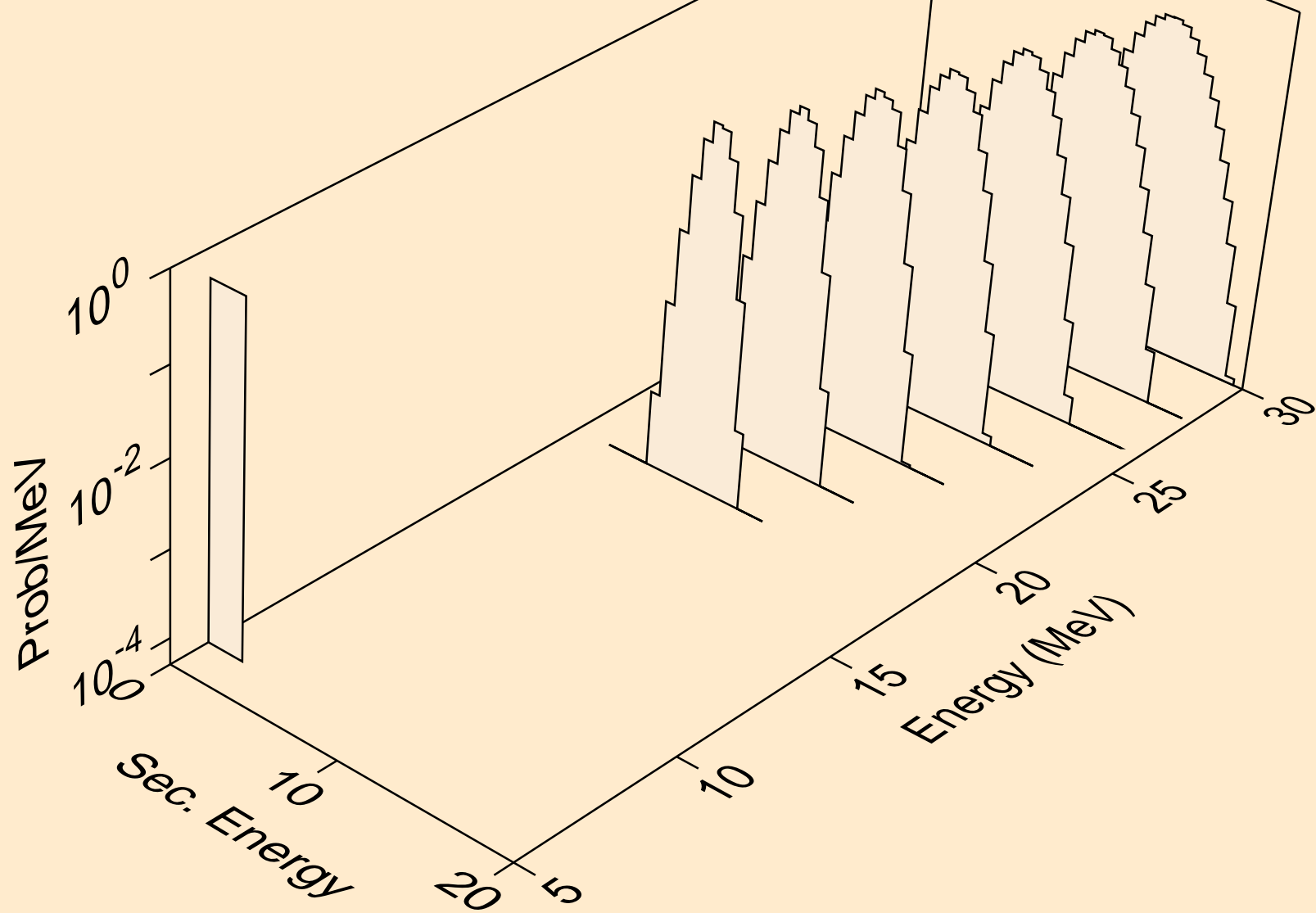
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tritons from (s,n\*)t



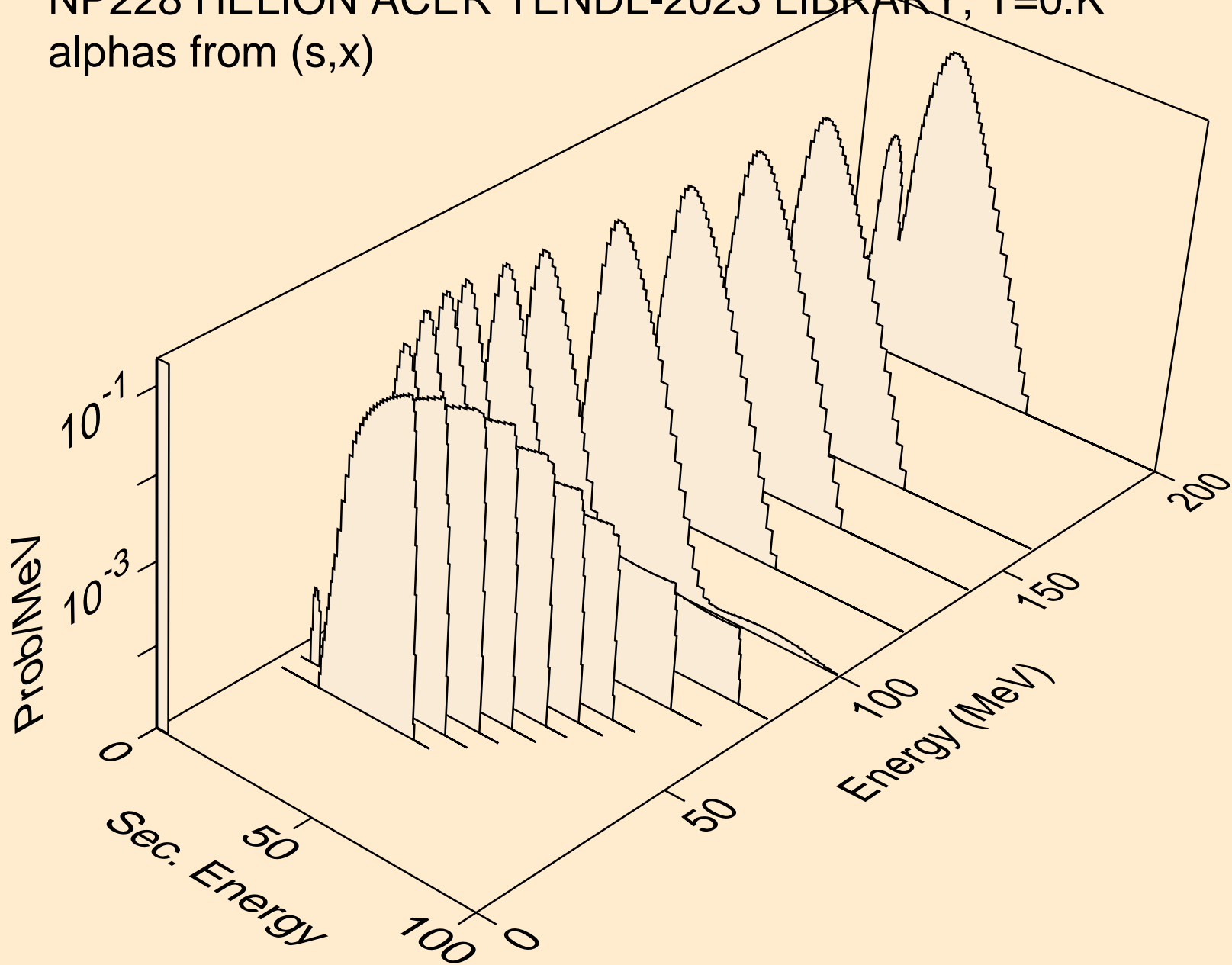
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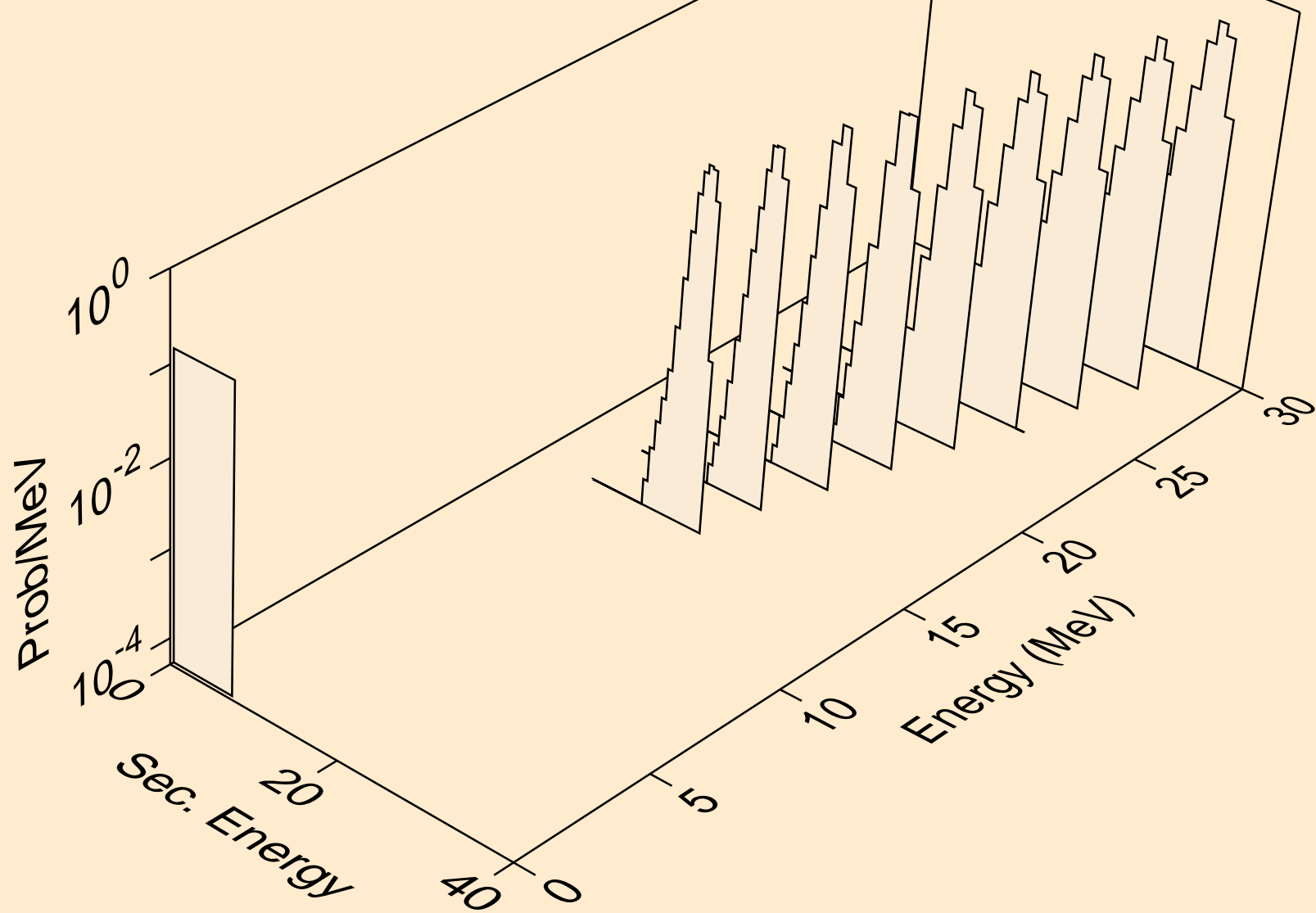
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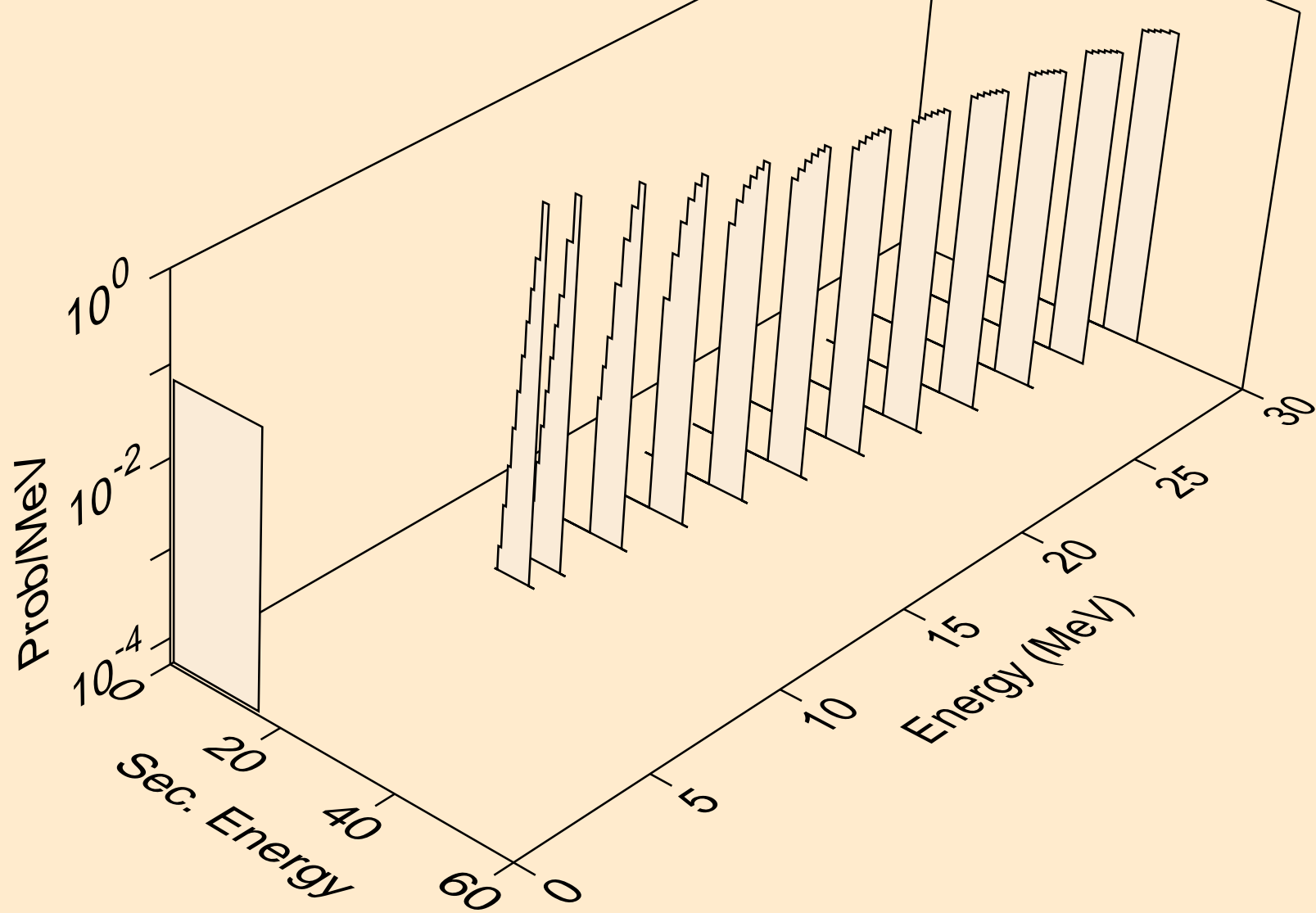
NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



NP228 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)

