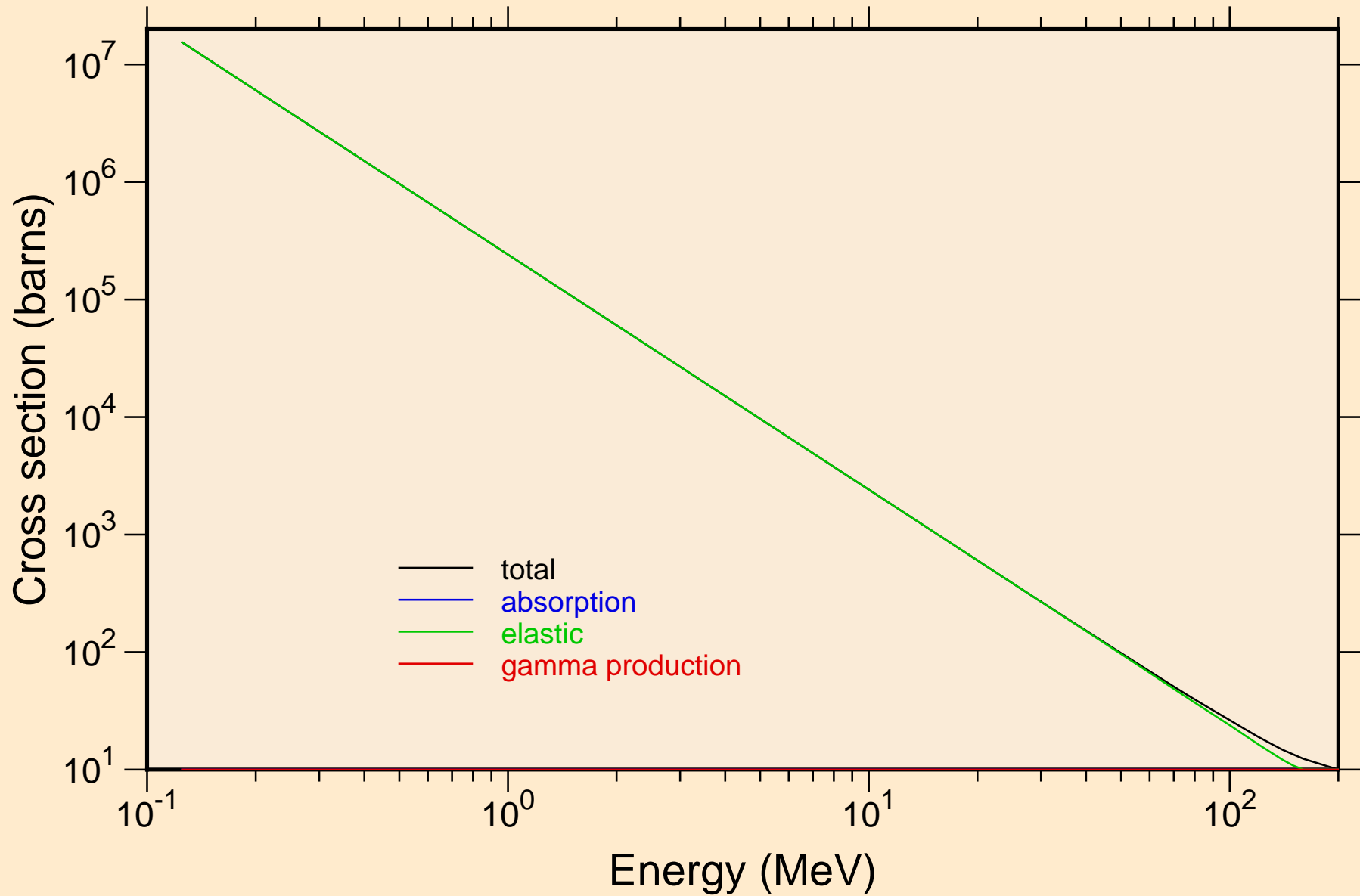
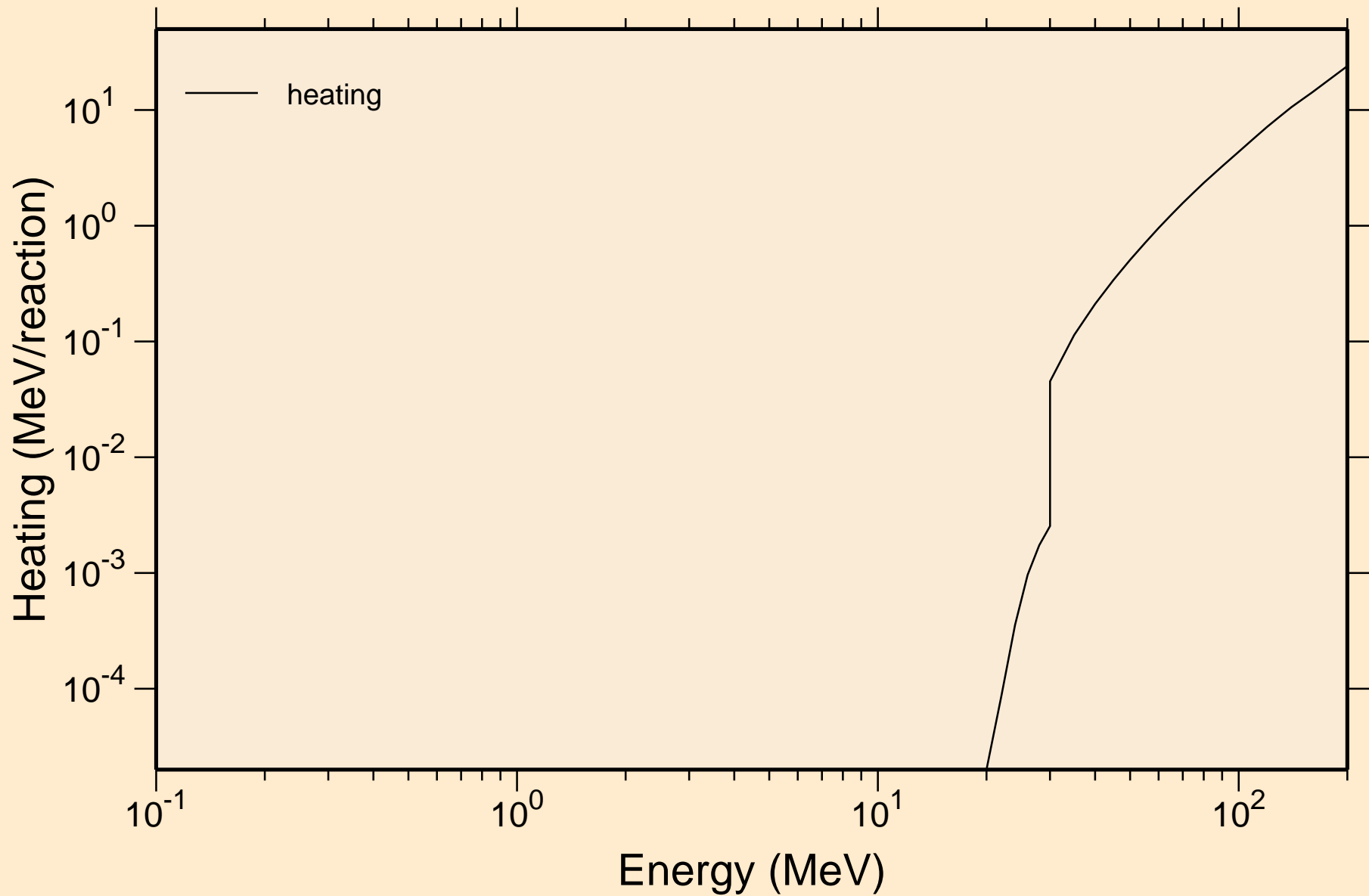


CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



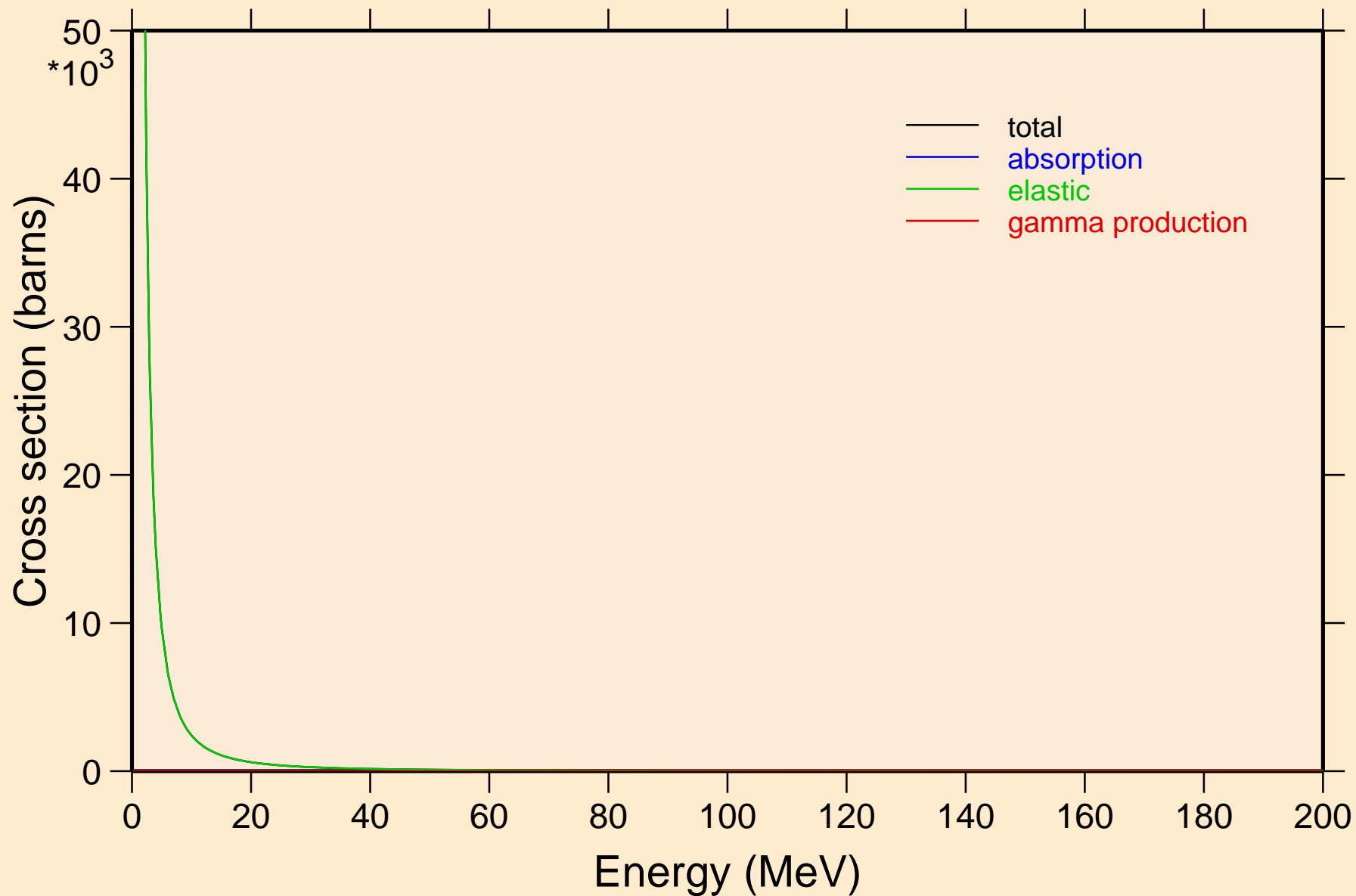
# CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Heating



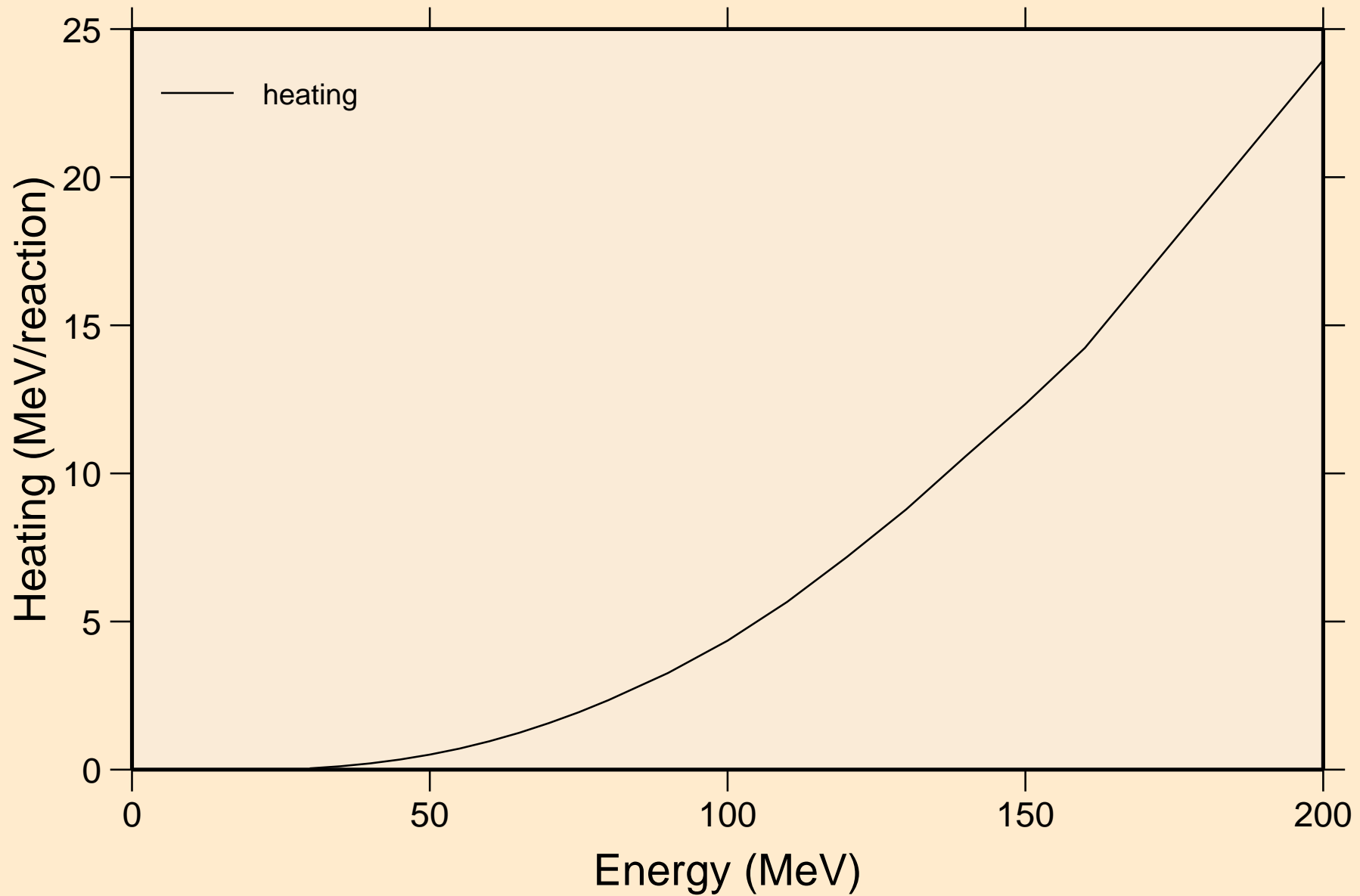
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## Principal cross sections

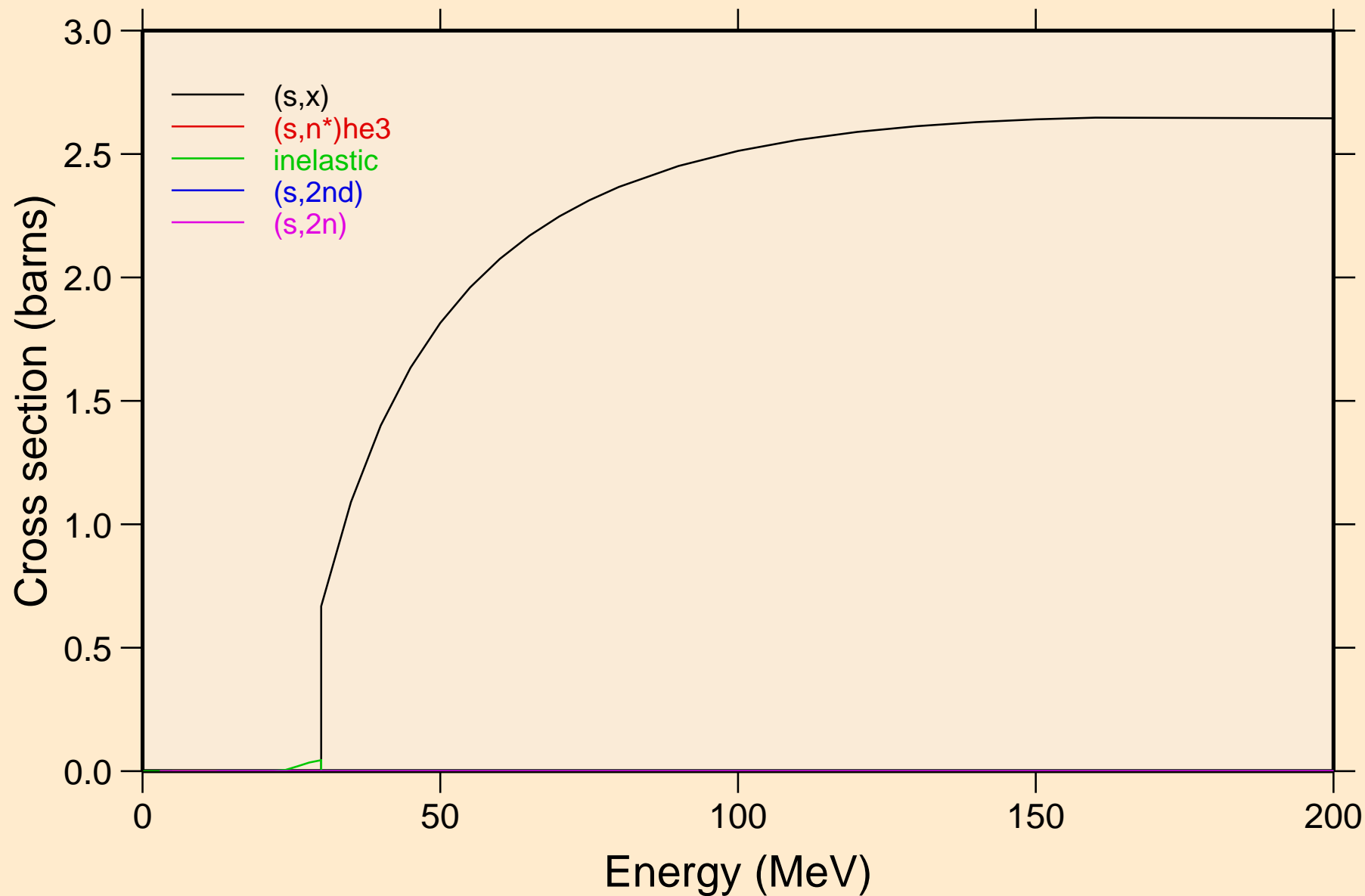


CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K

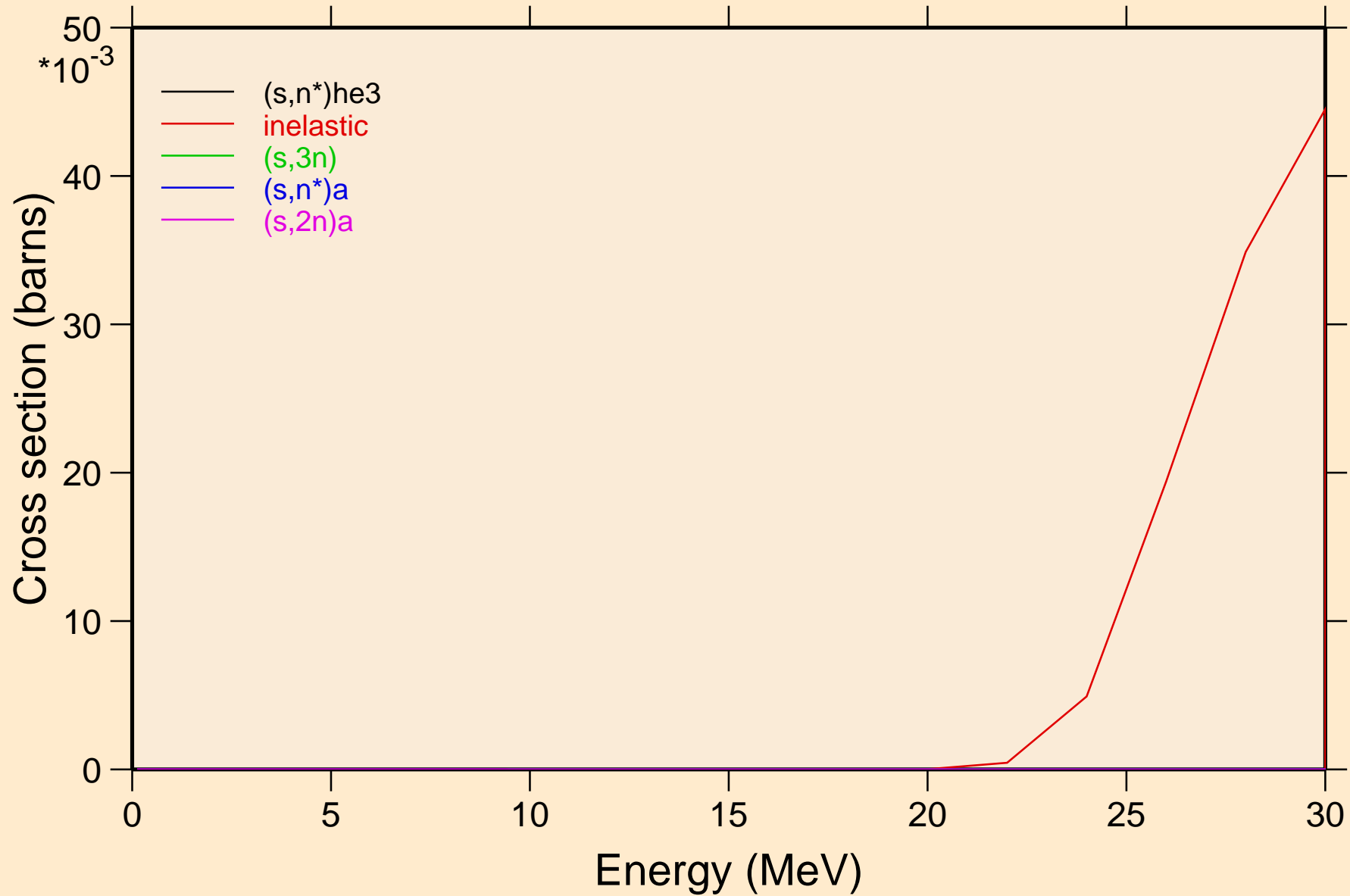
Heating



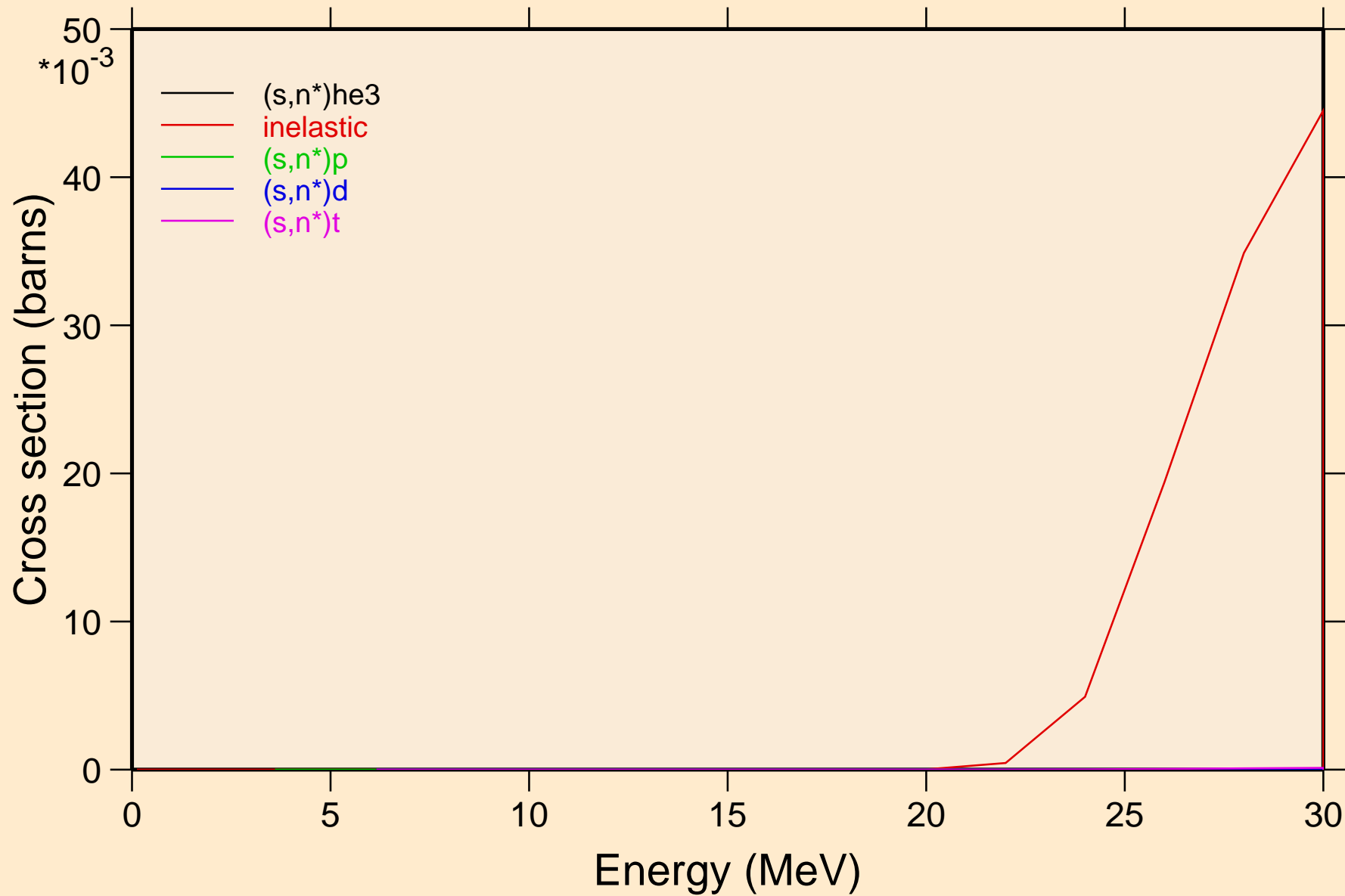
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



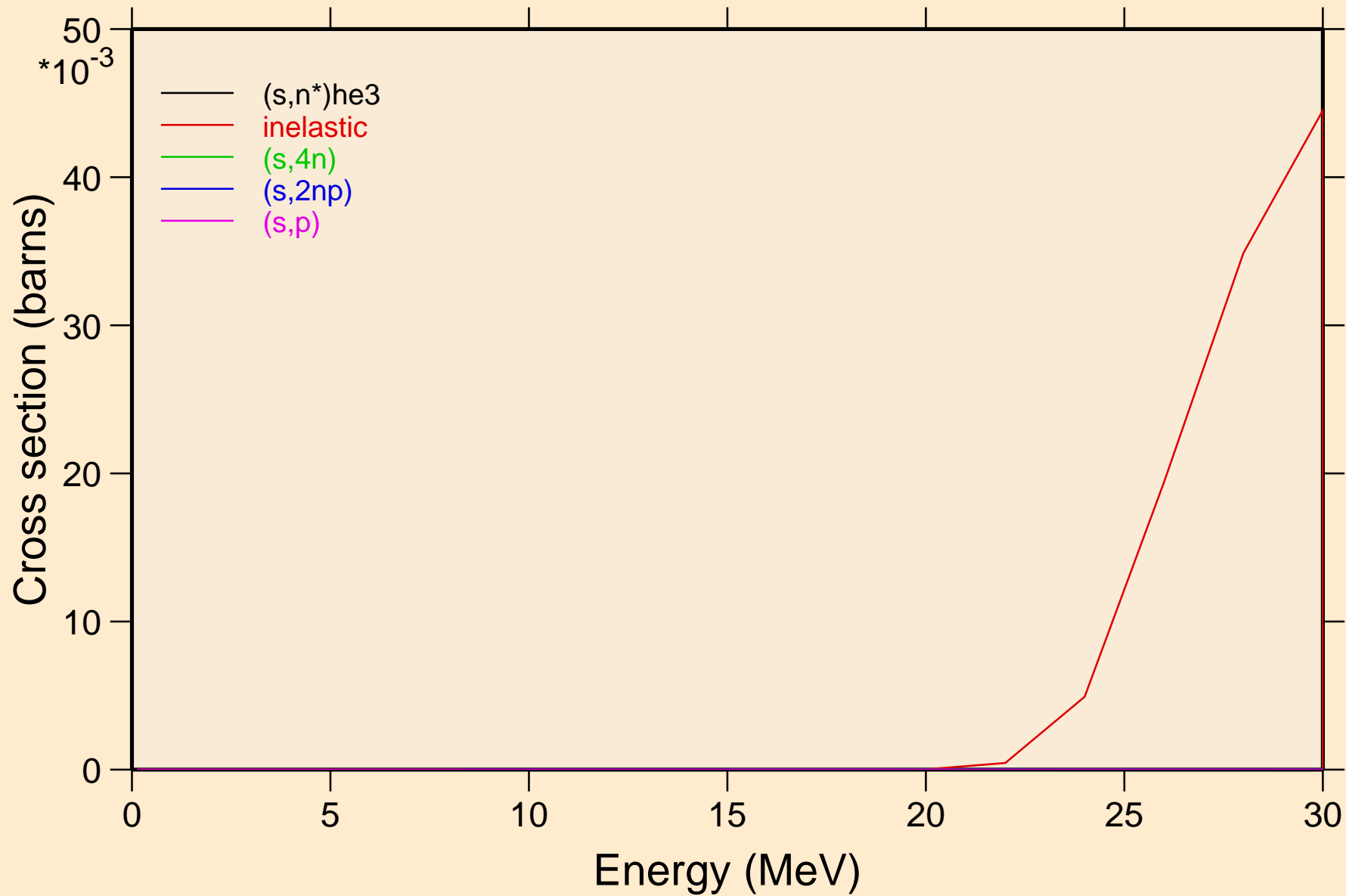
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



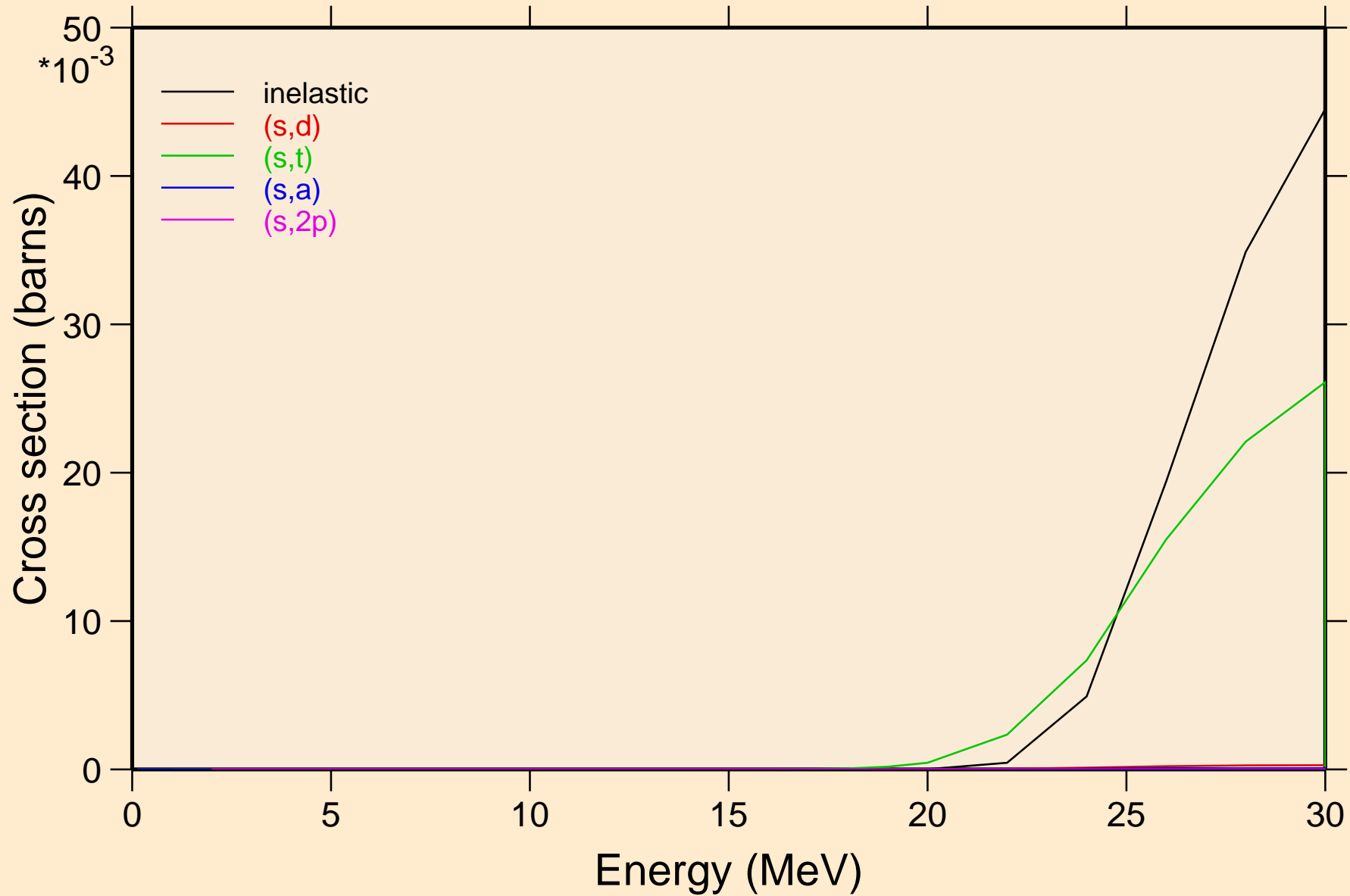
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



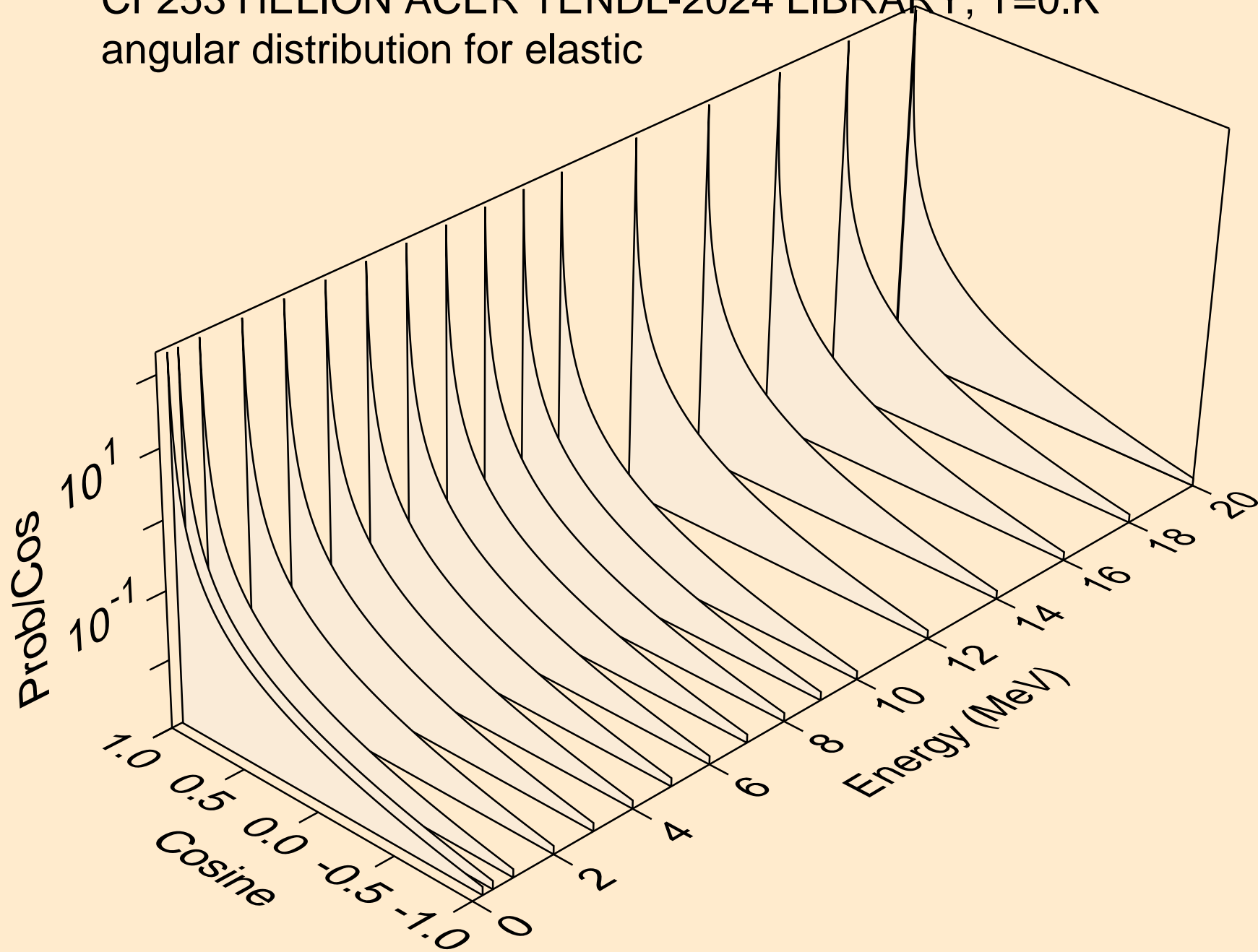
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



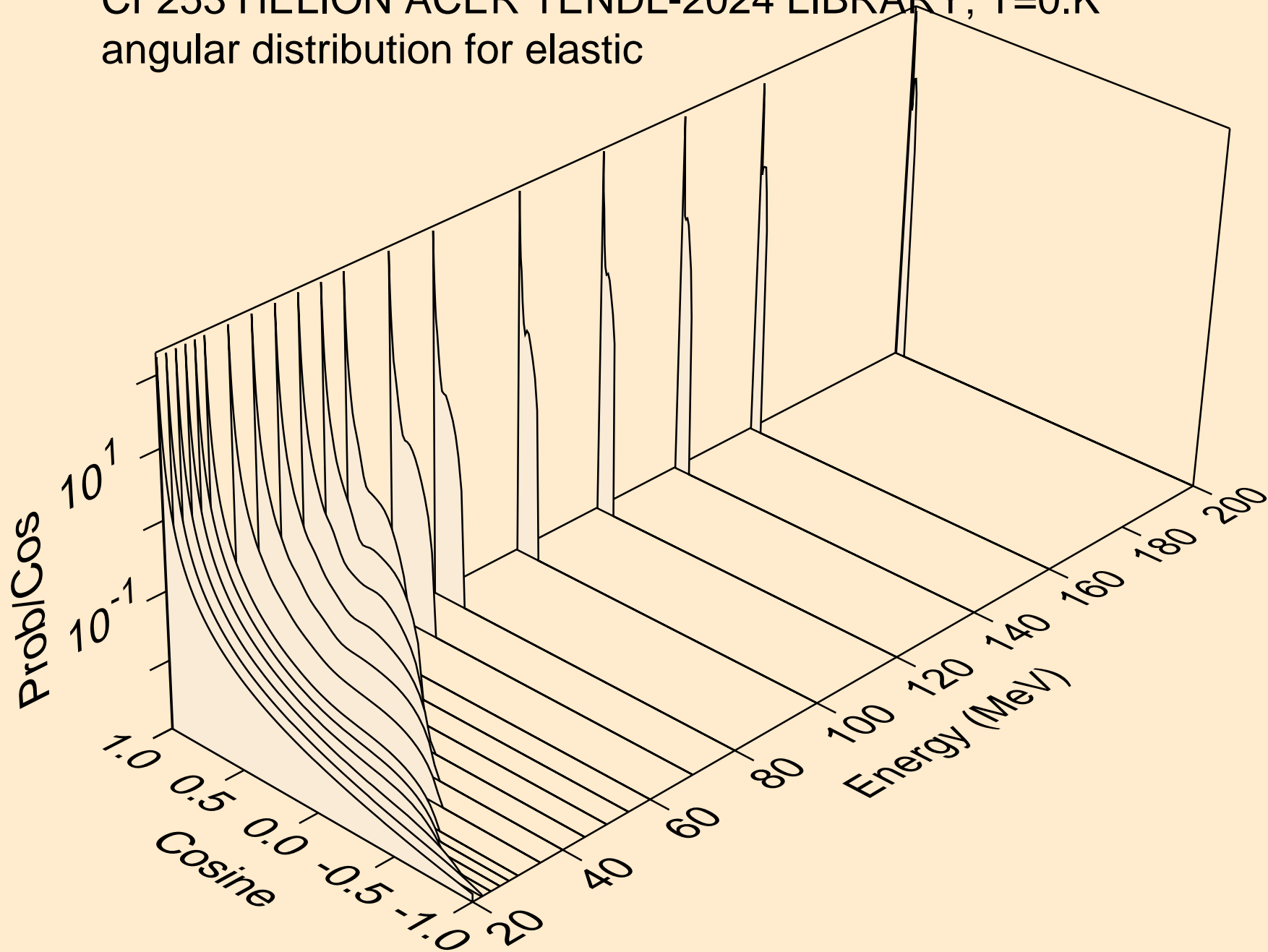
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Threshold reactions



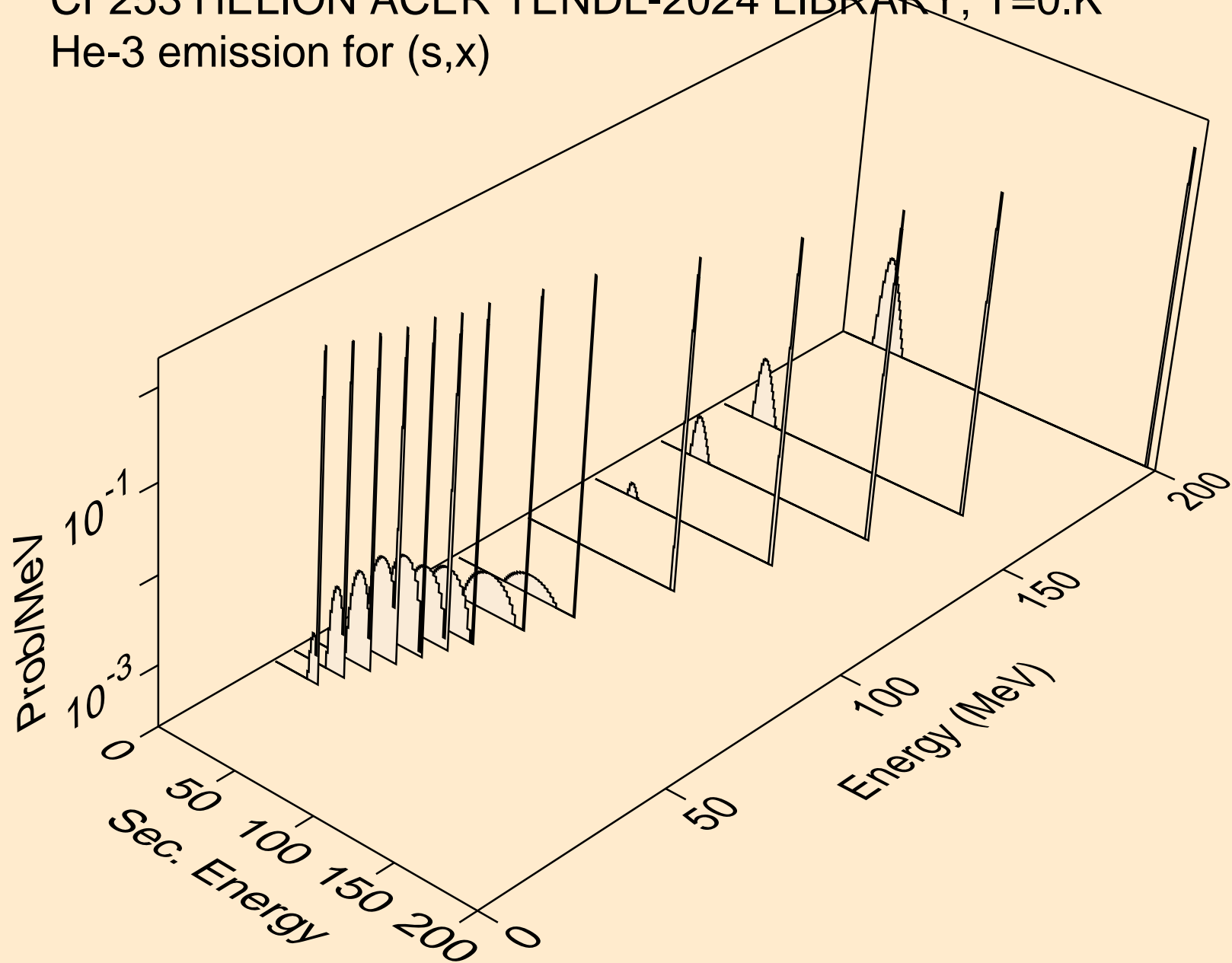
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



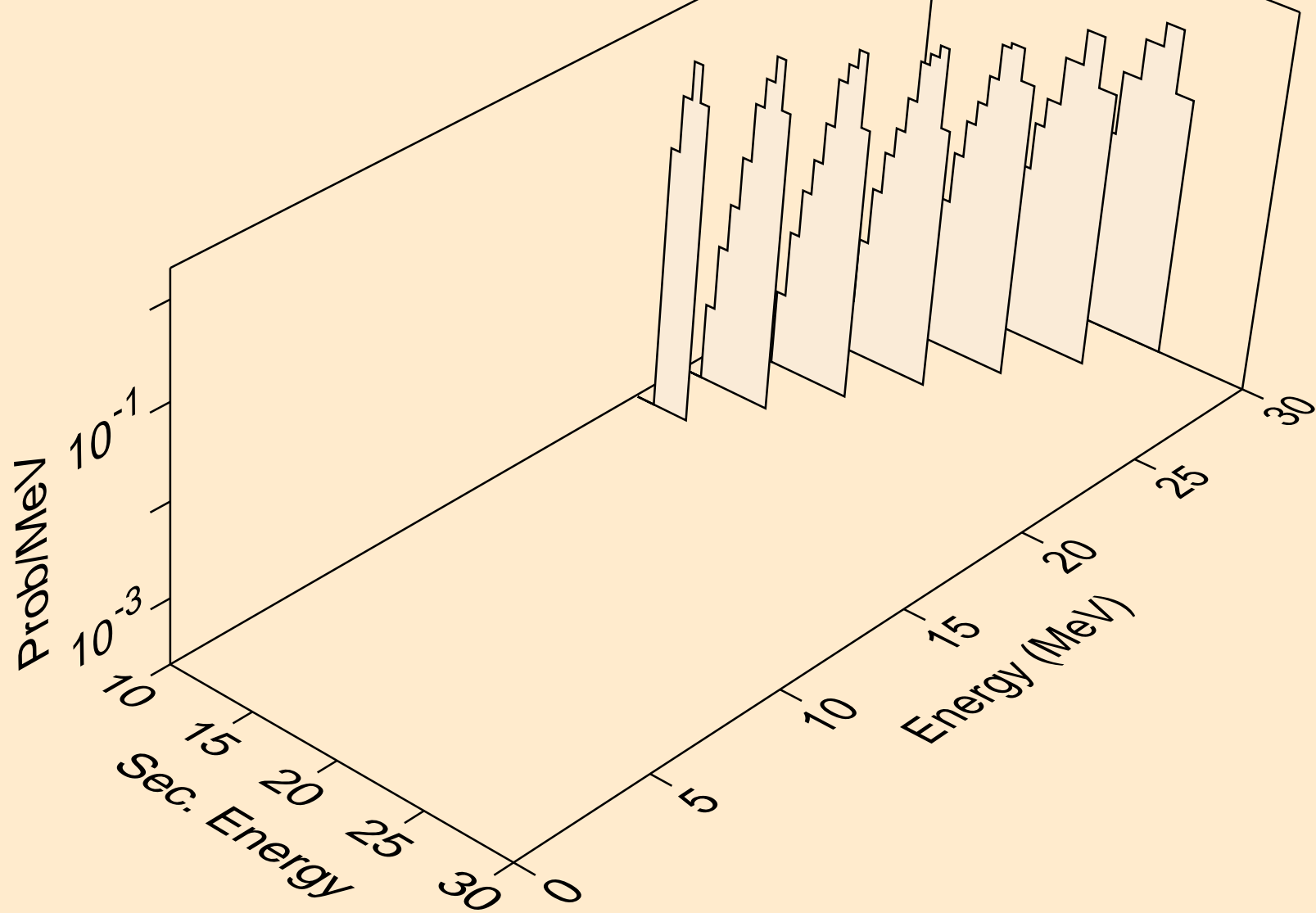
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angular distribution for elastic



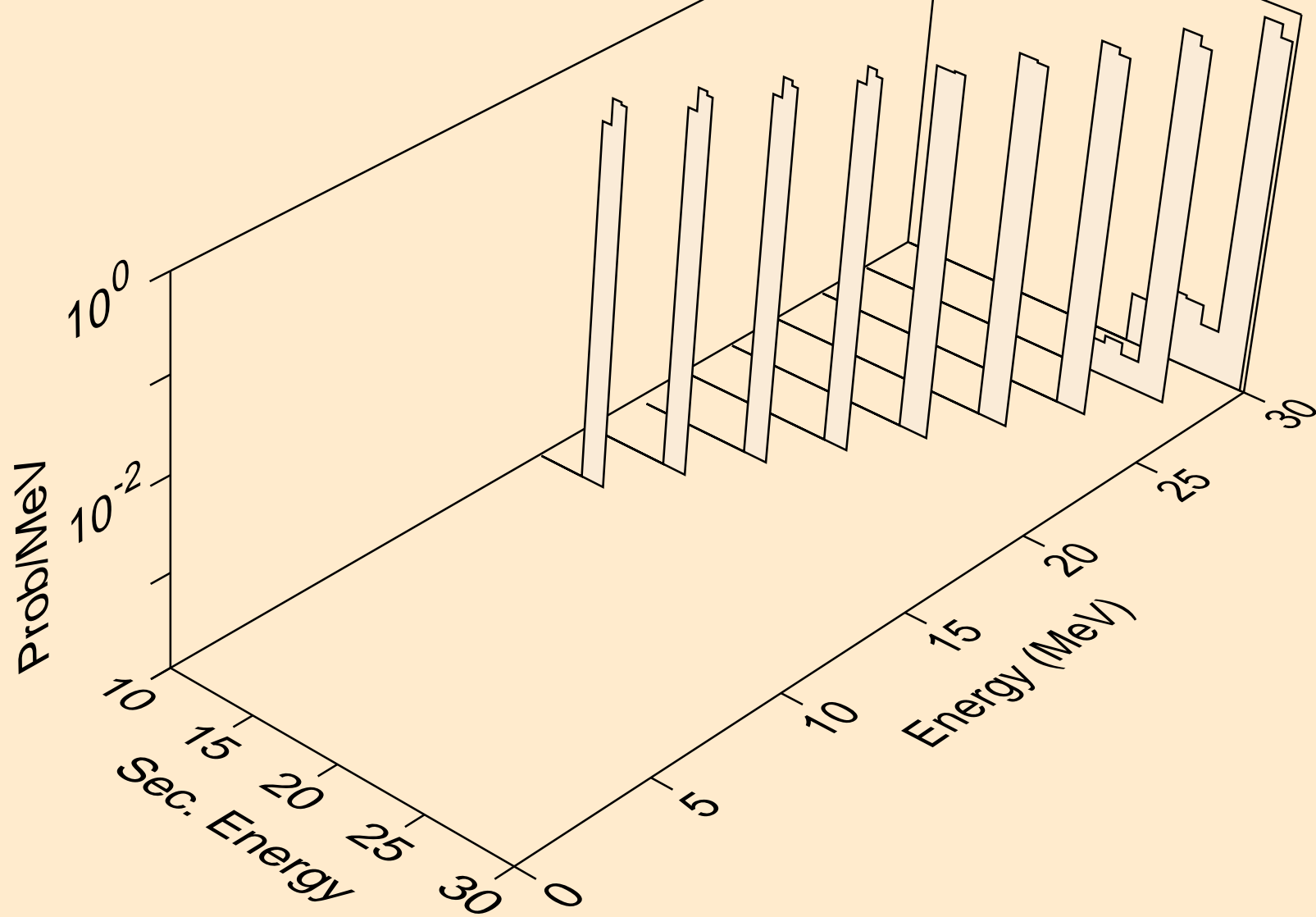
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



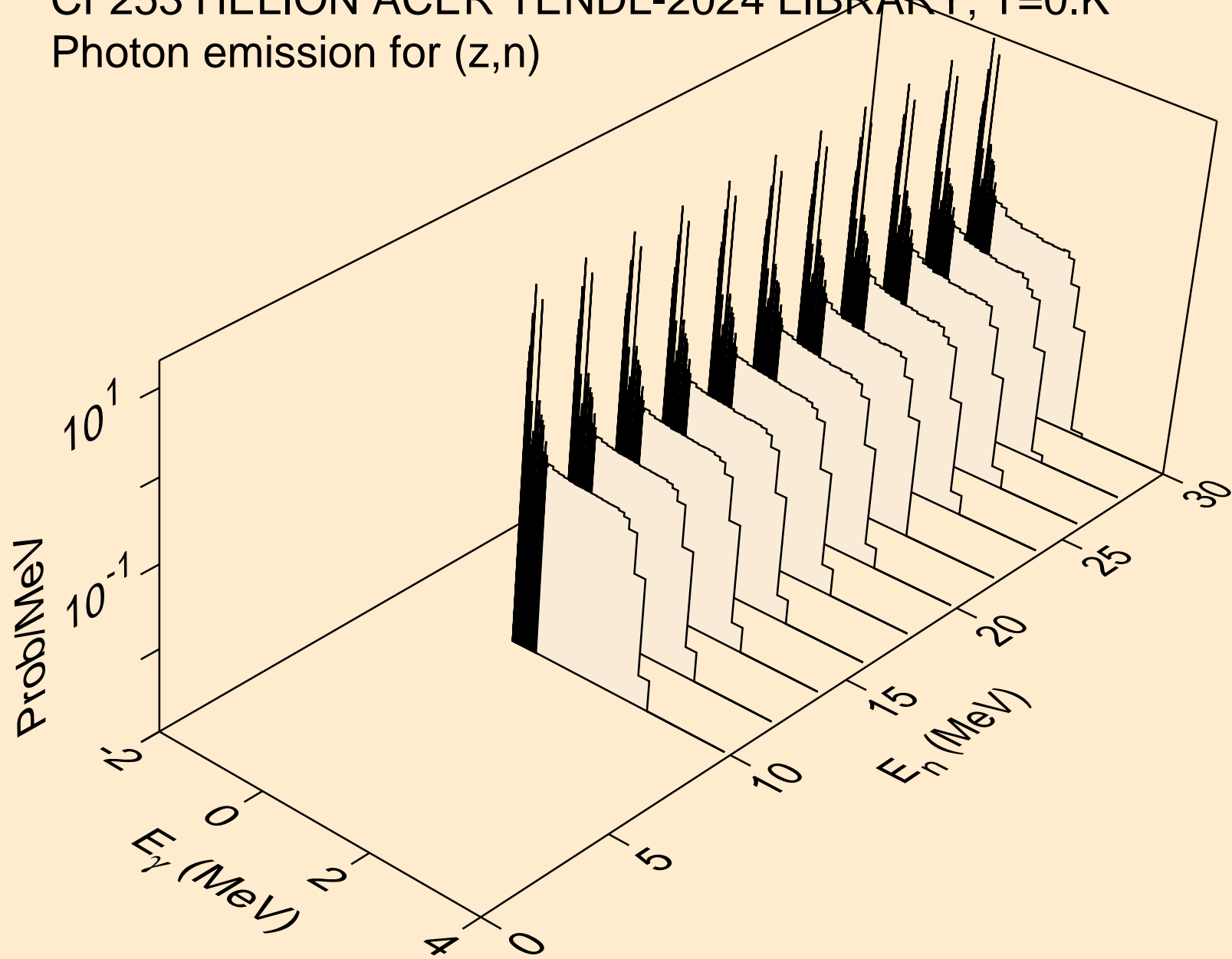
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



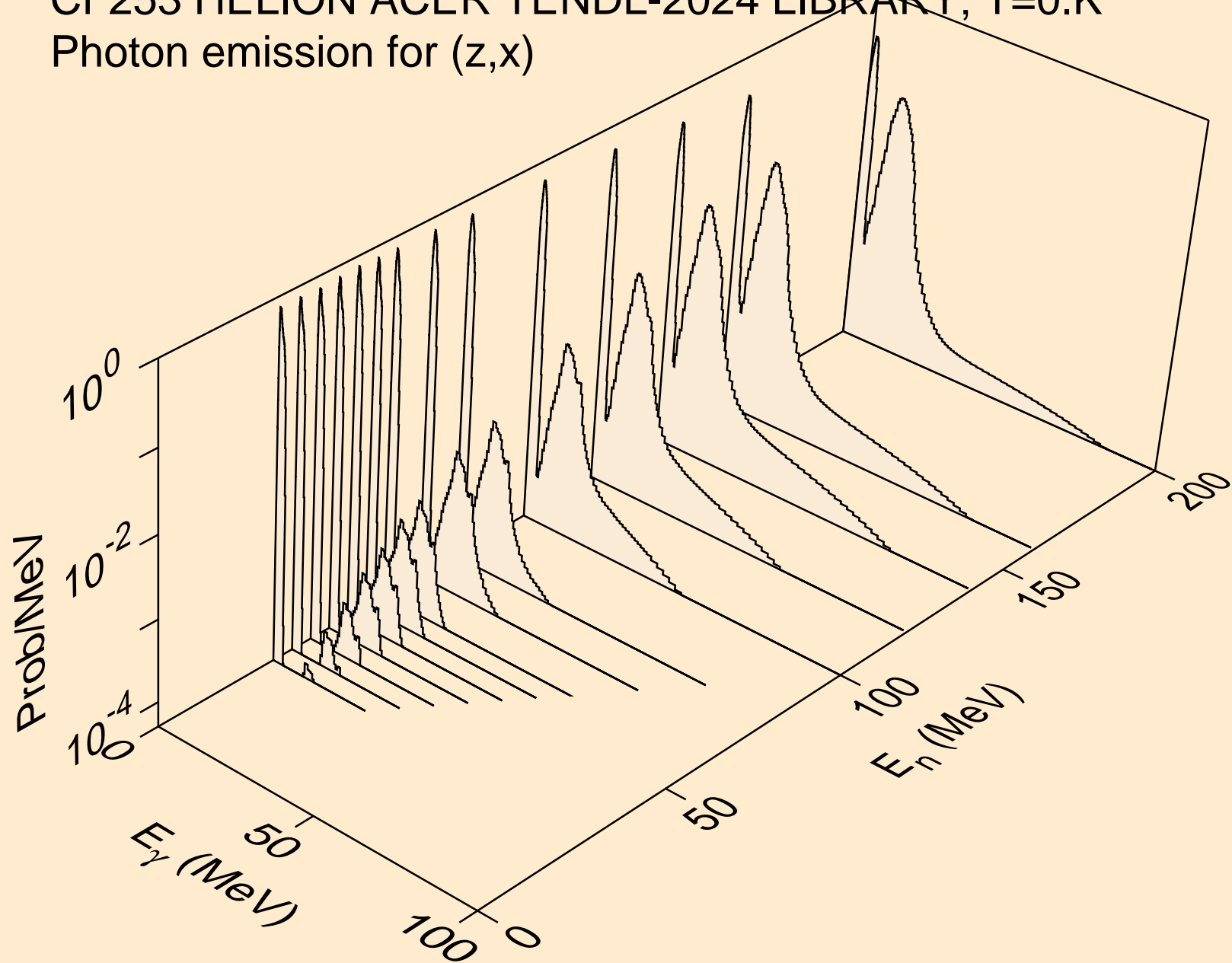
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



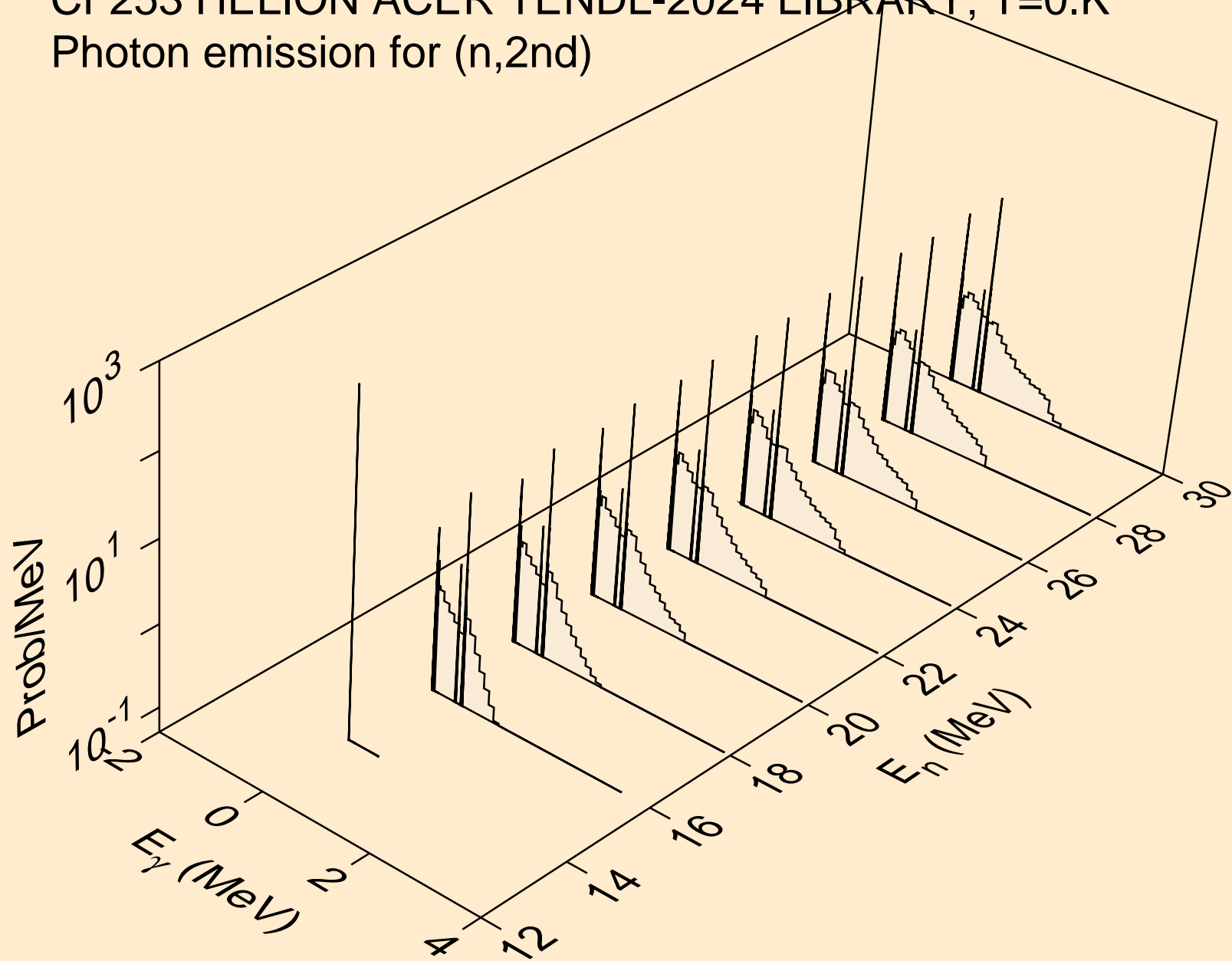
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Photon emission for (z,n)



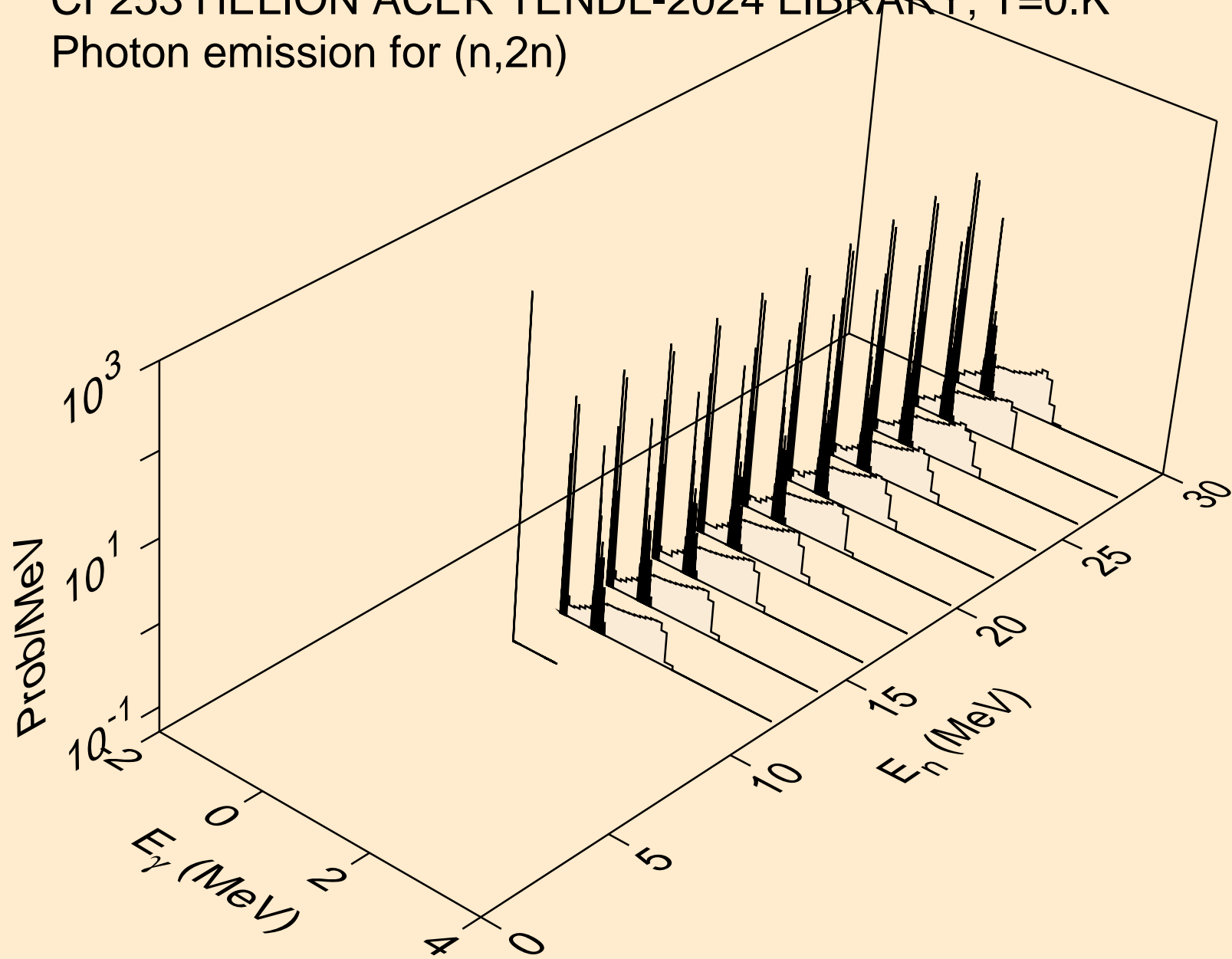
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Photon emission for (z,x)



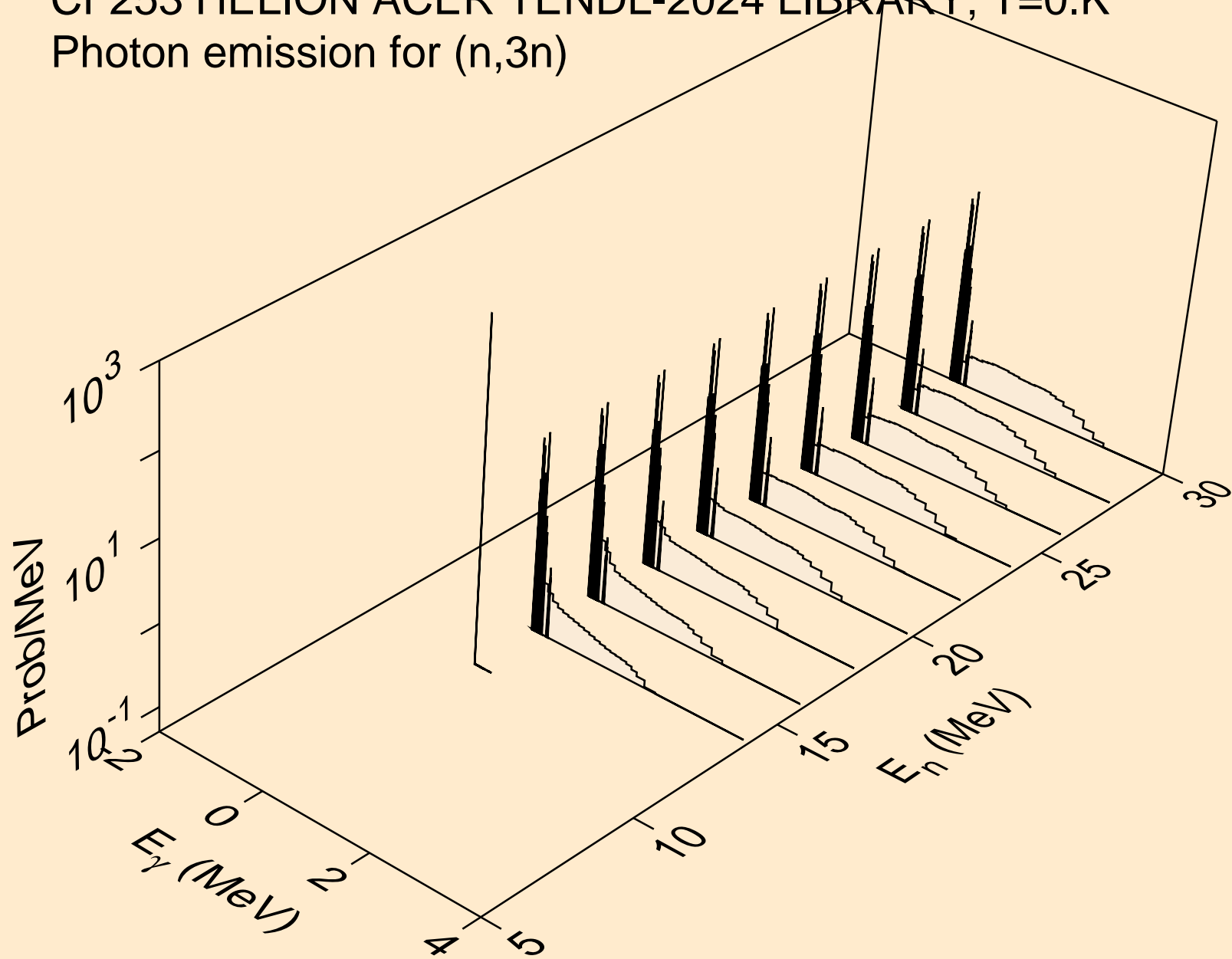
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Photon emission for (n,2nd)



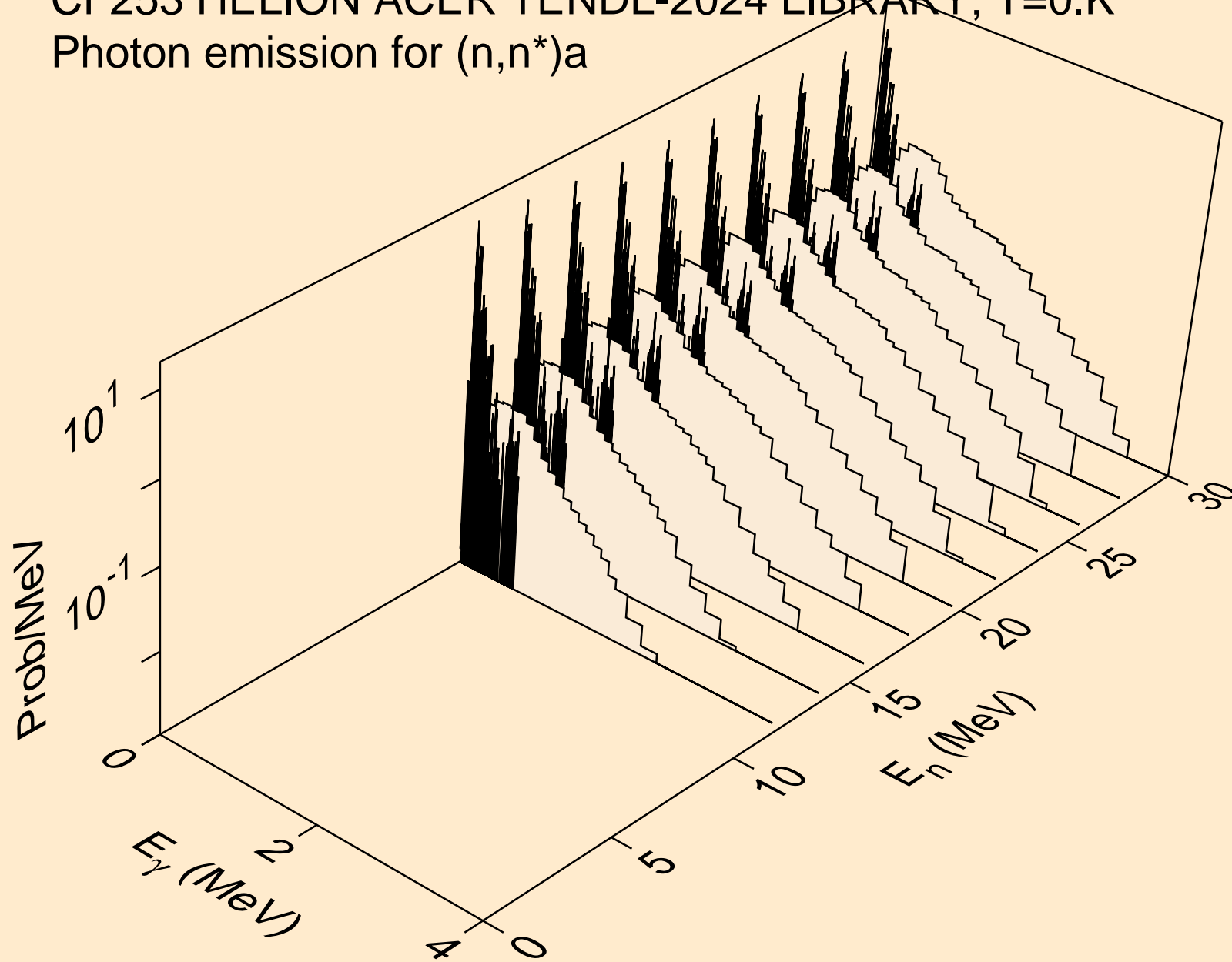
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Photon emission for (n,2n)



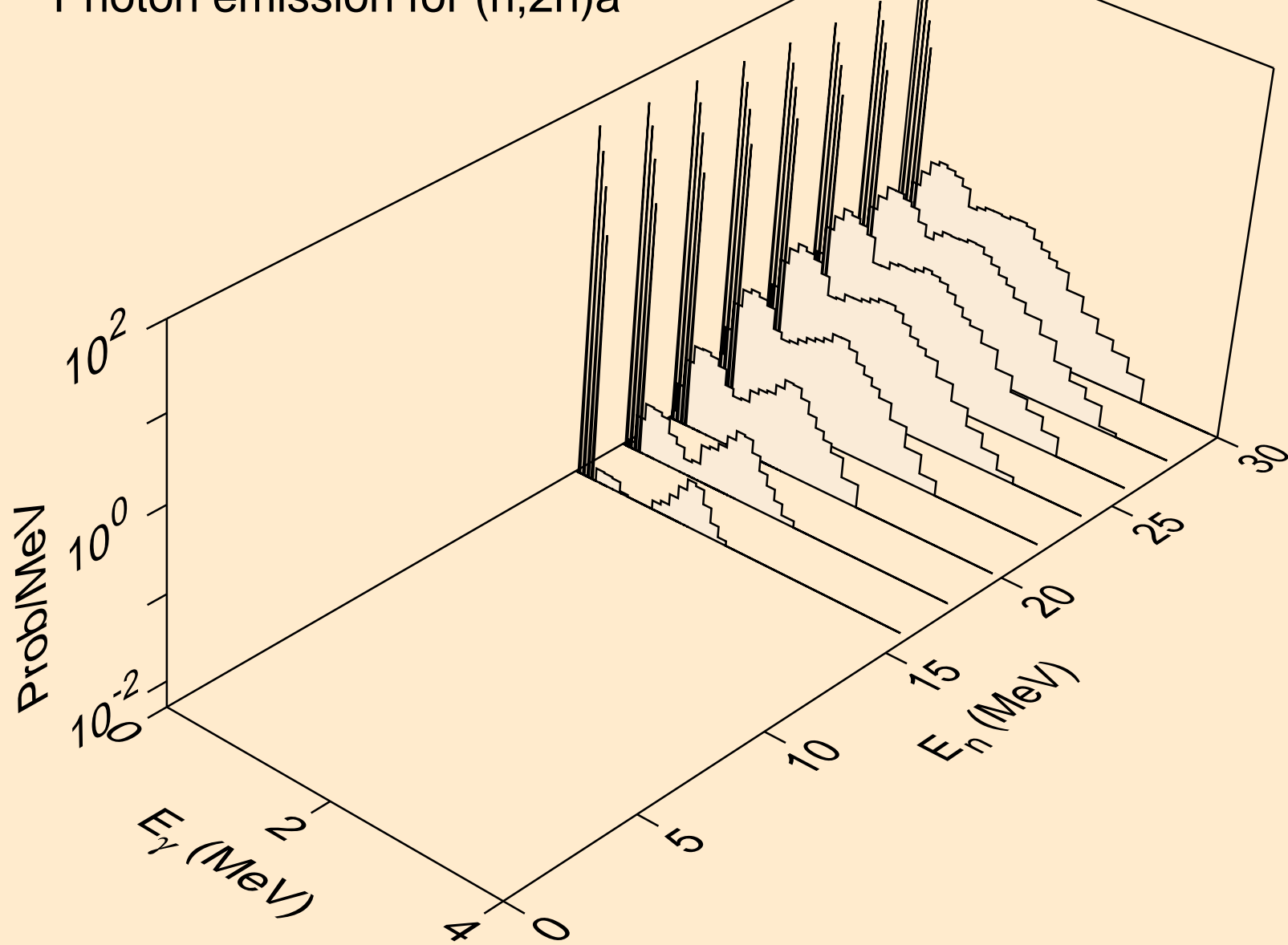
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



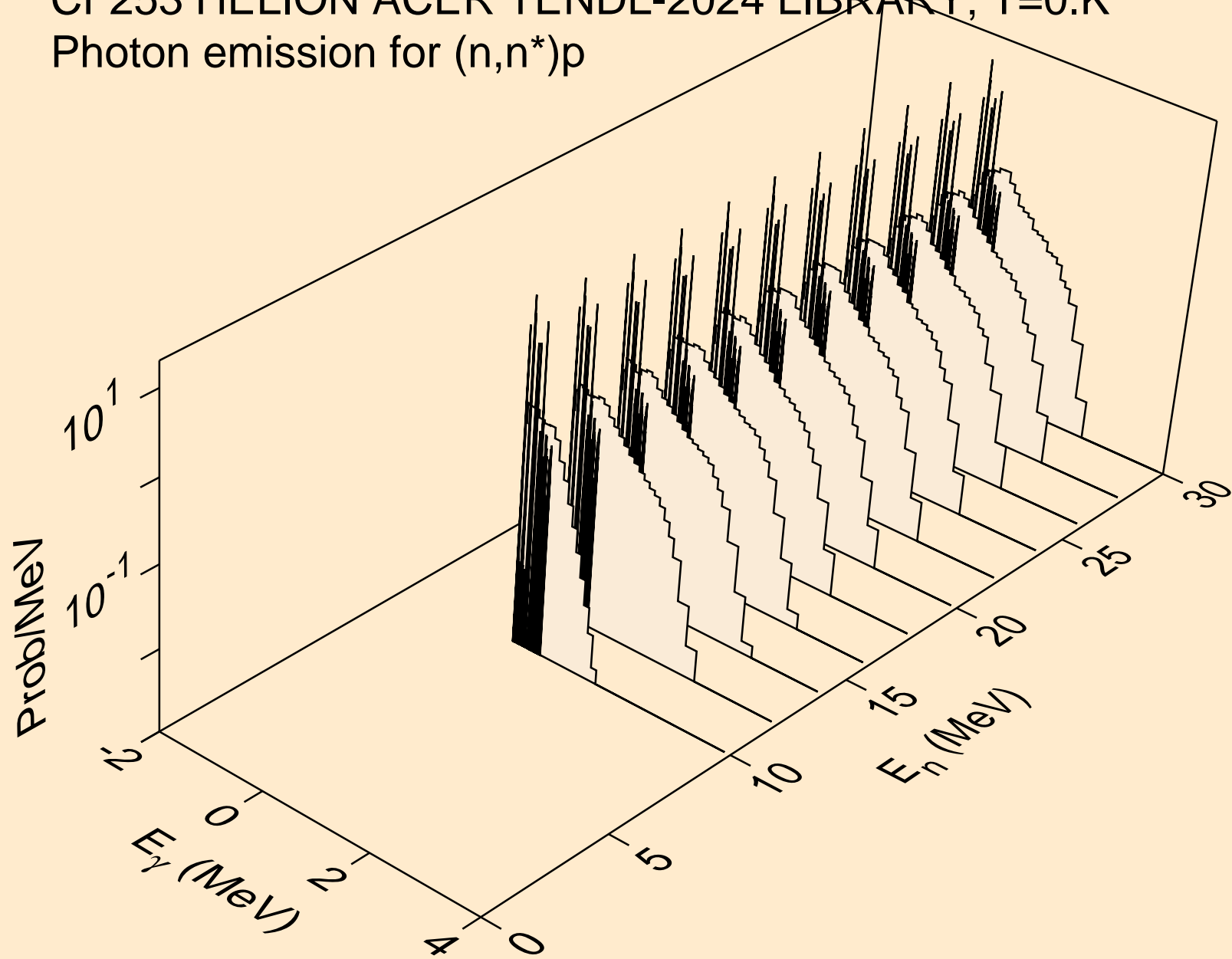
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



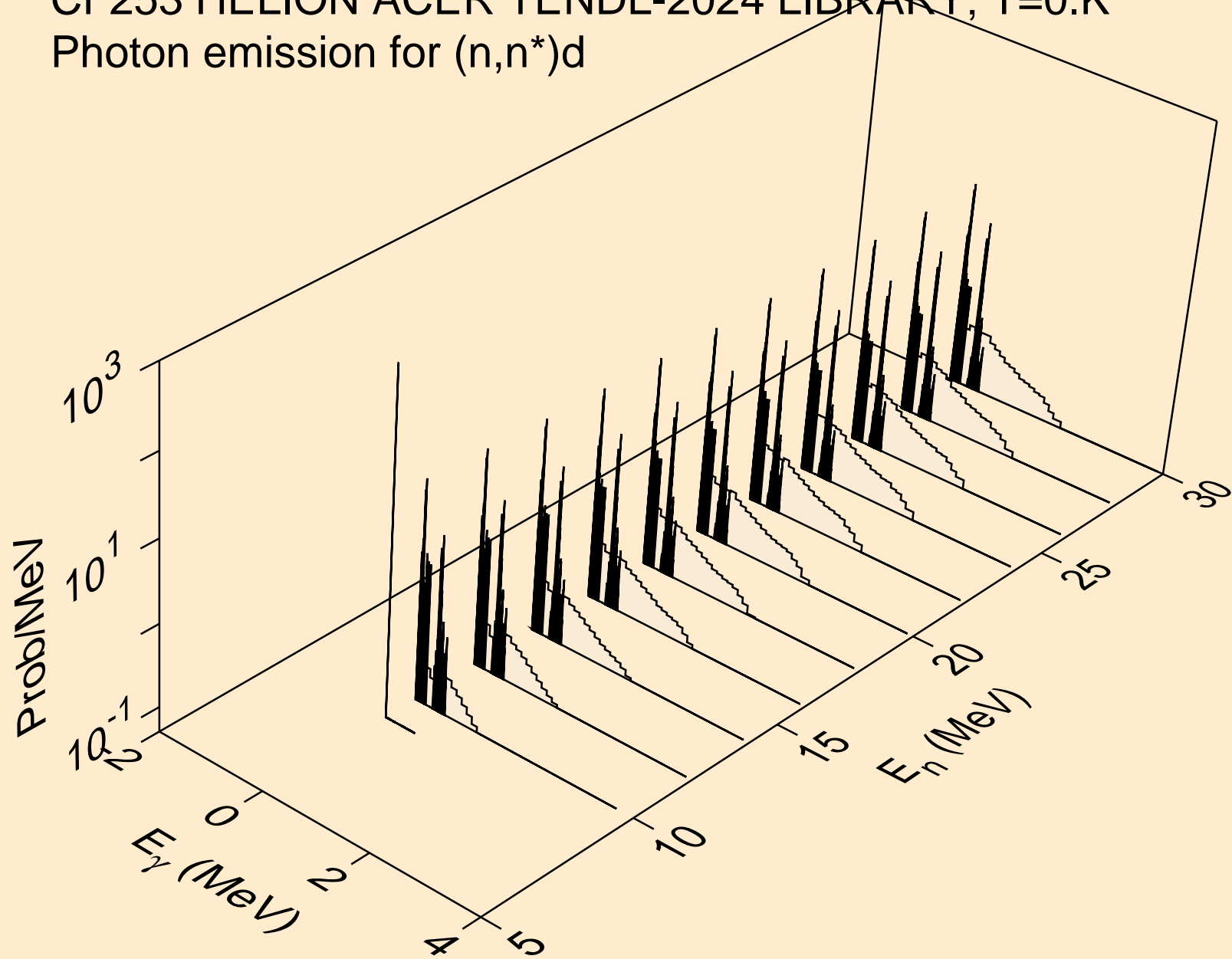
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Photon emission for (n,2n)a



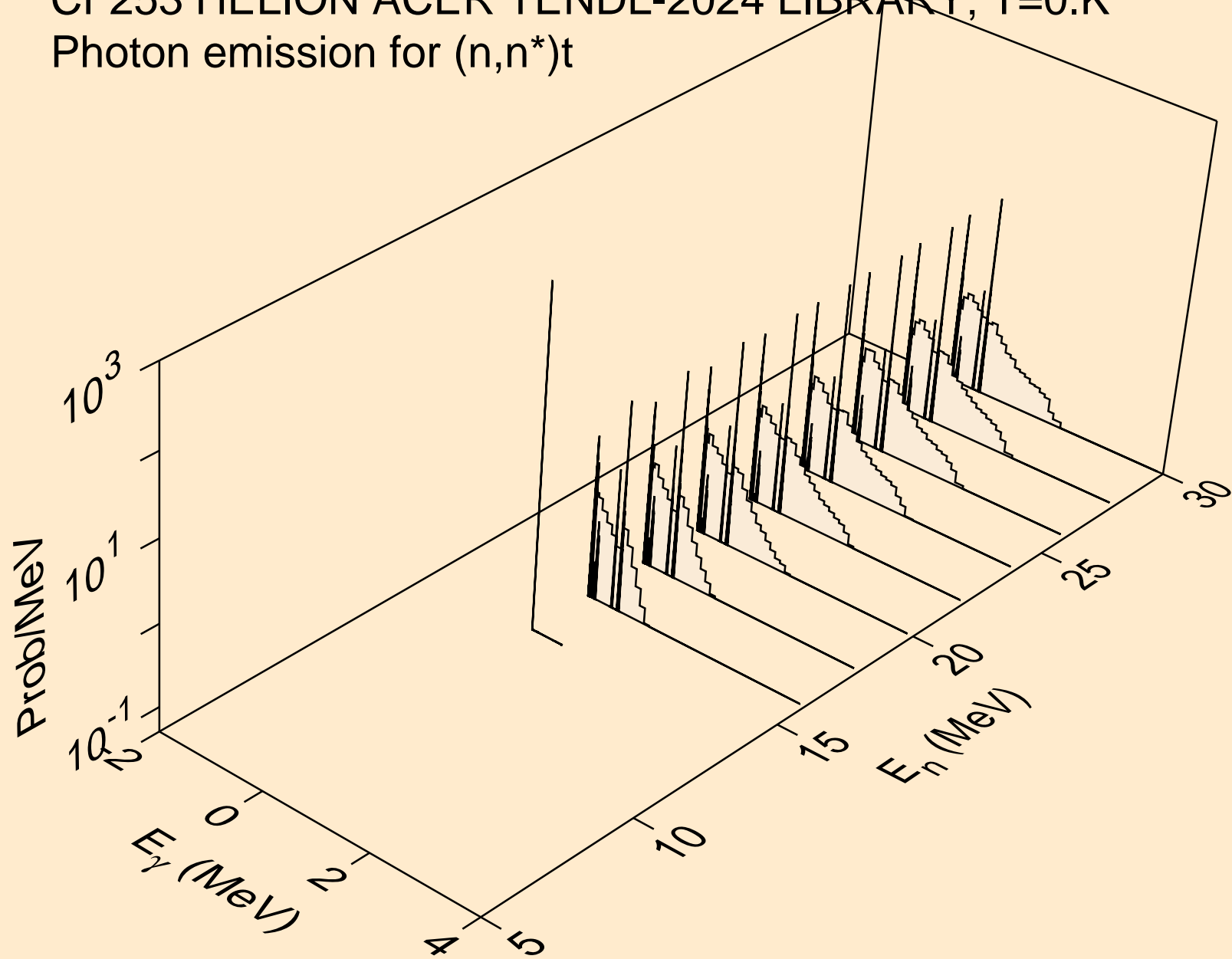
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



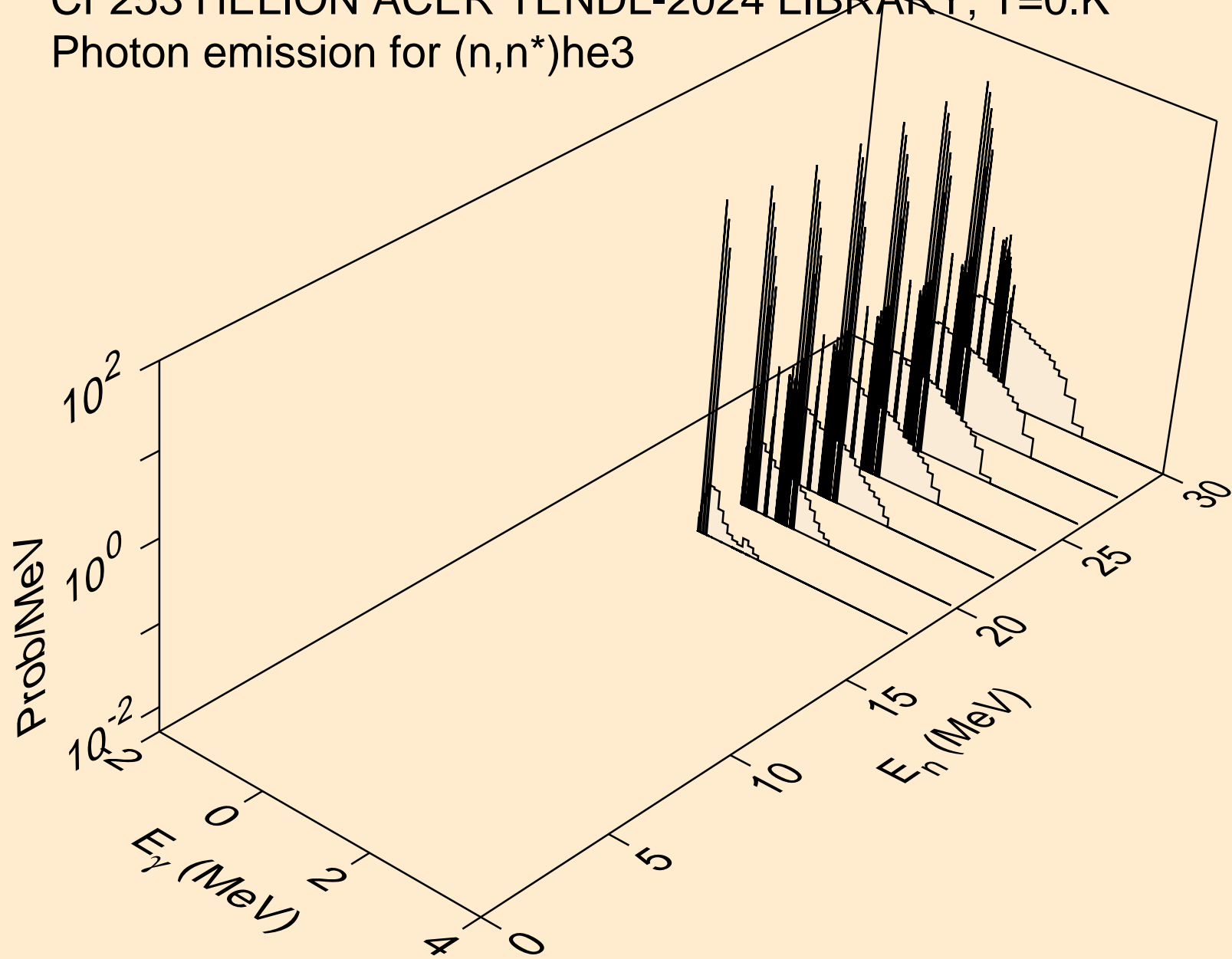
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



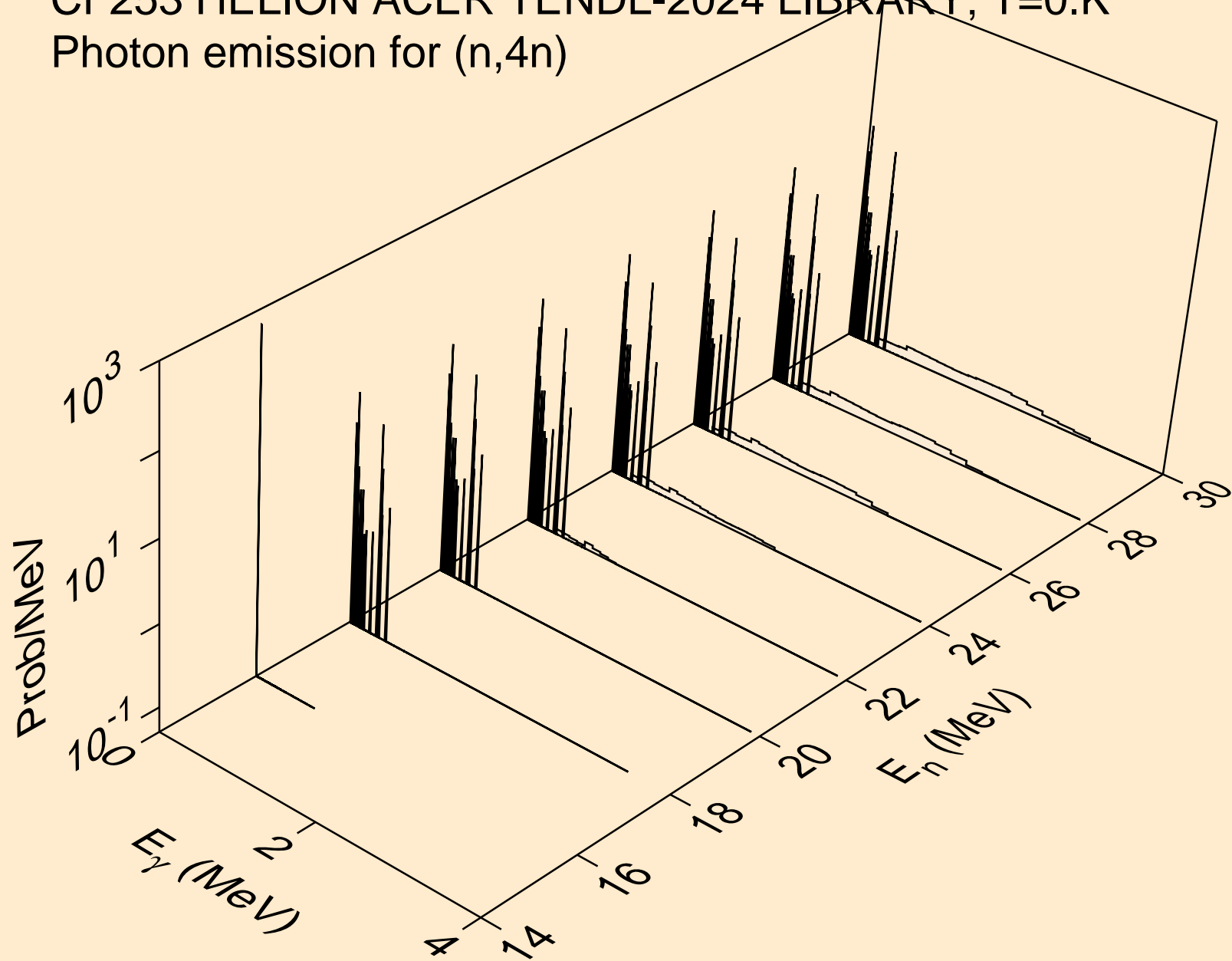
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Photon emission for (n,n\*)t



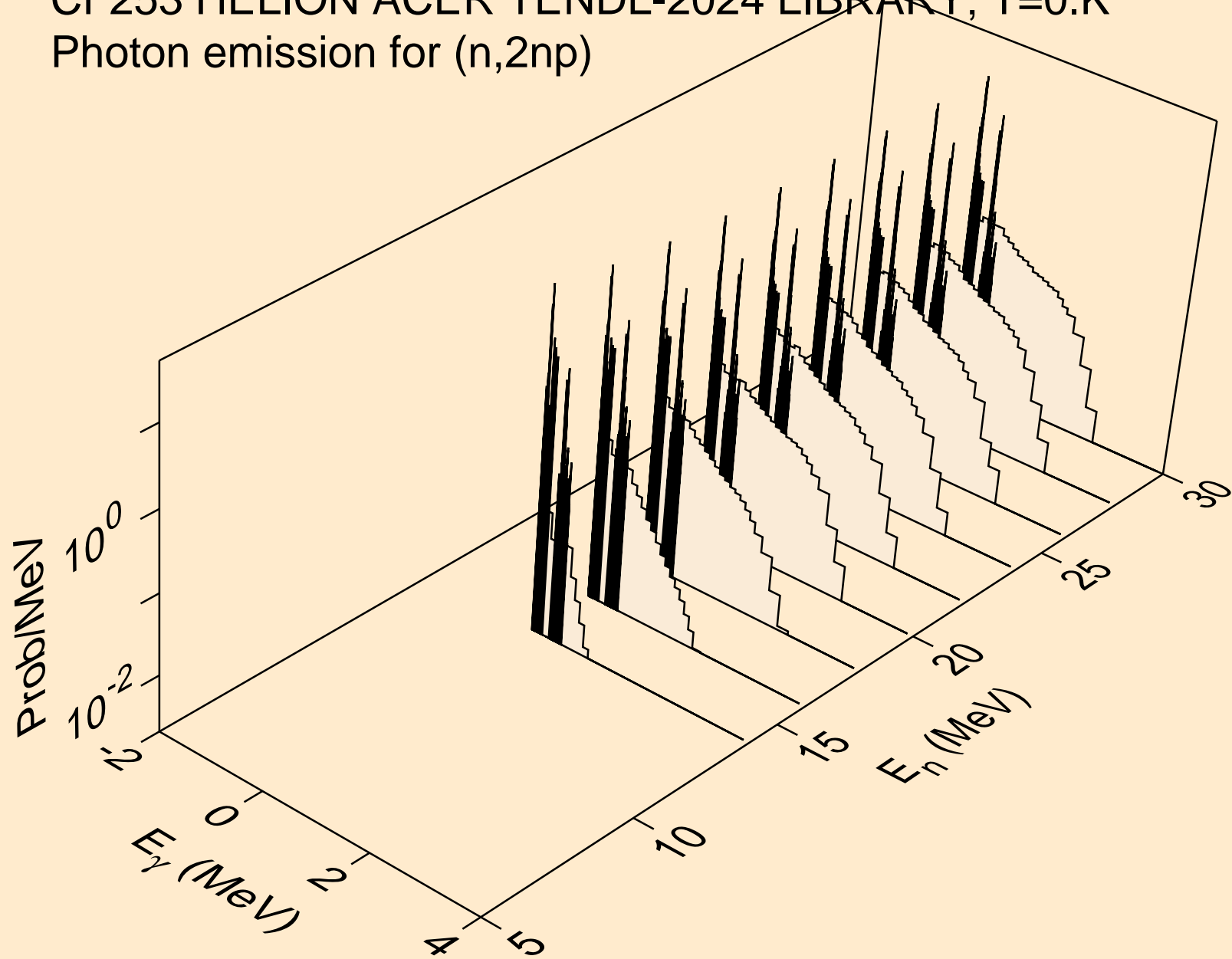
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



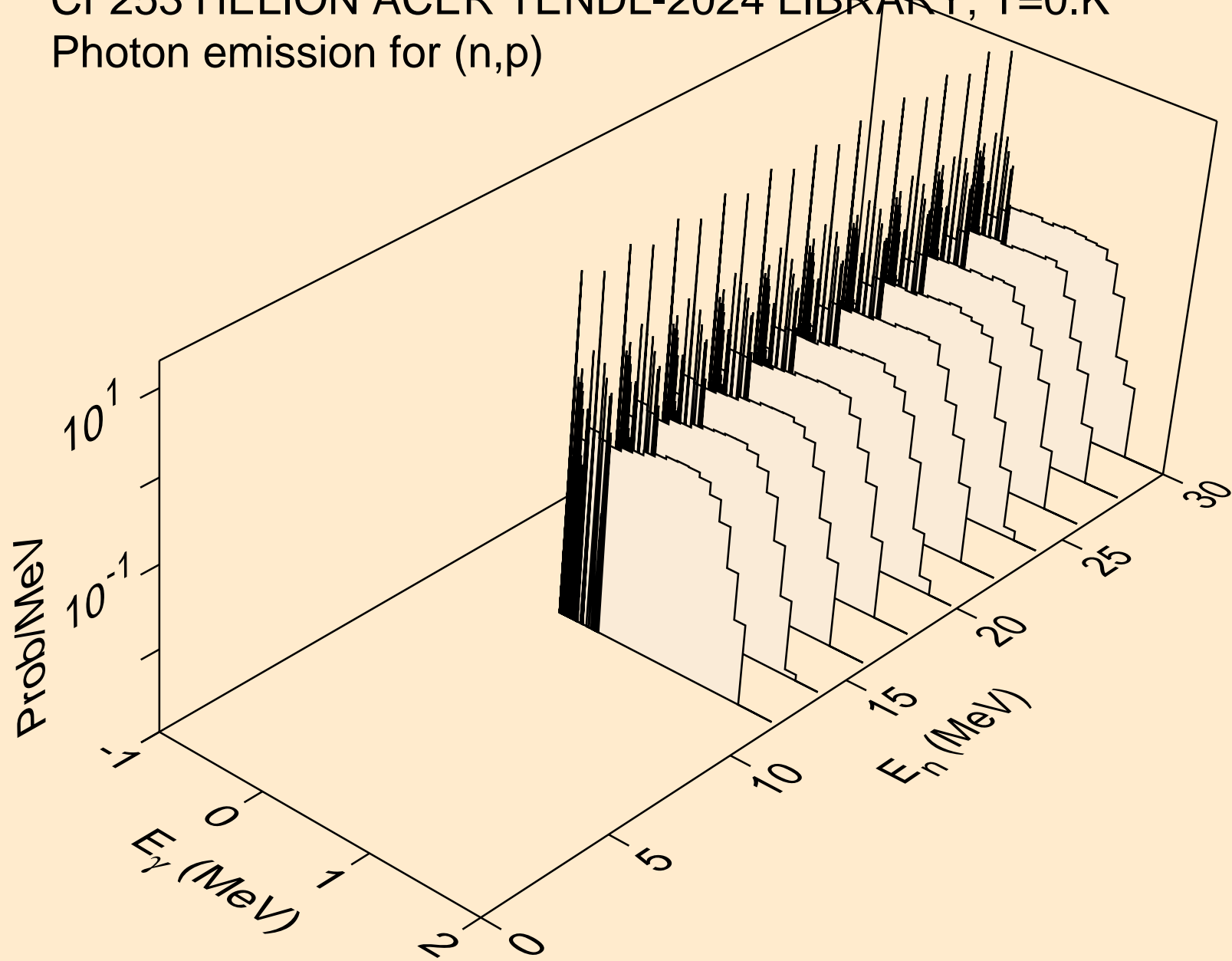
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



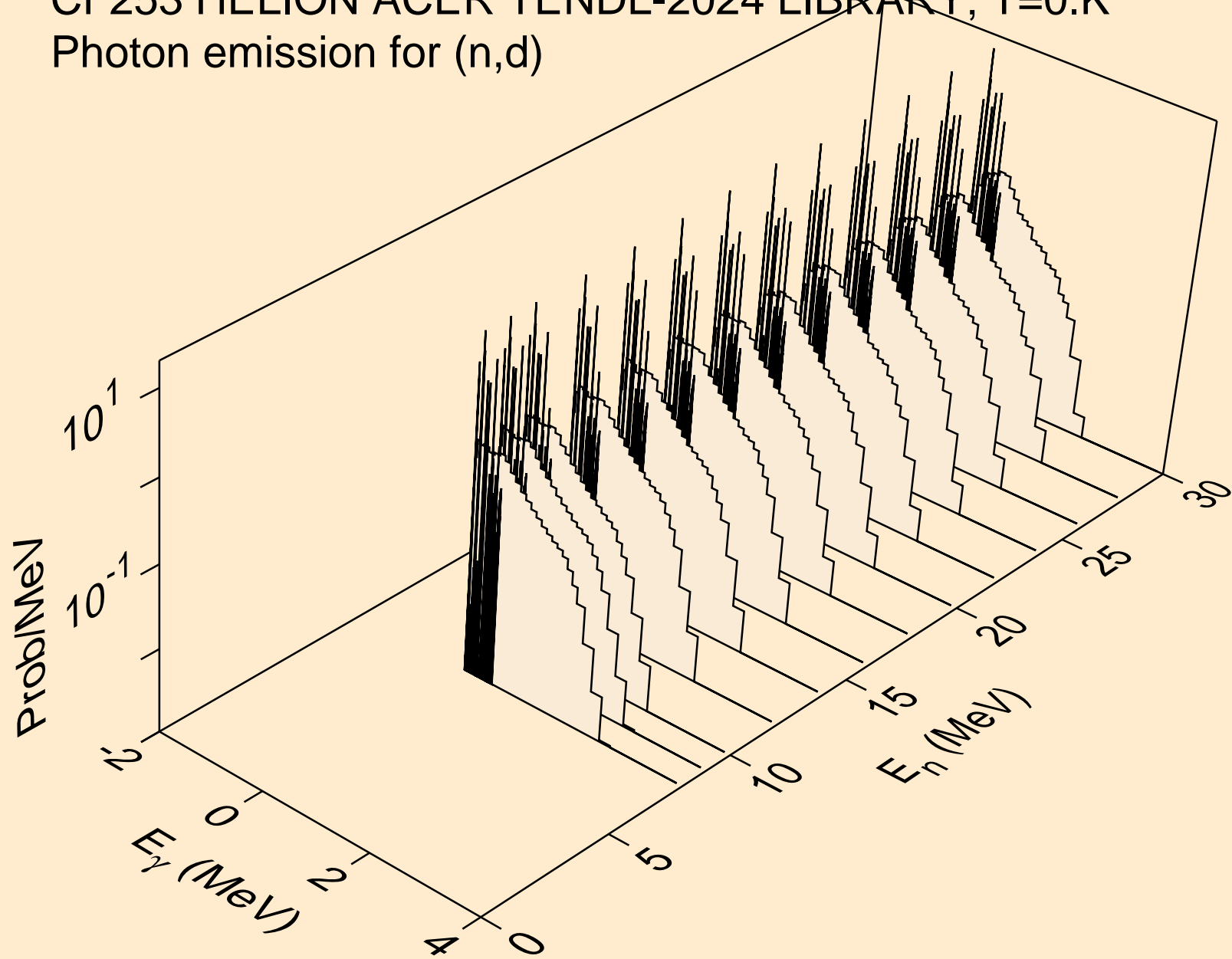
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Photon emission for (n,2np)



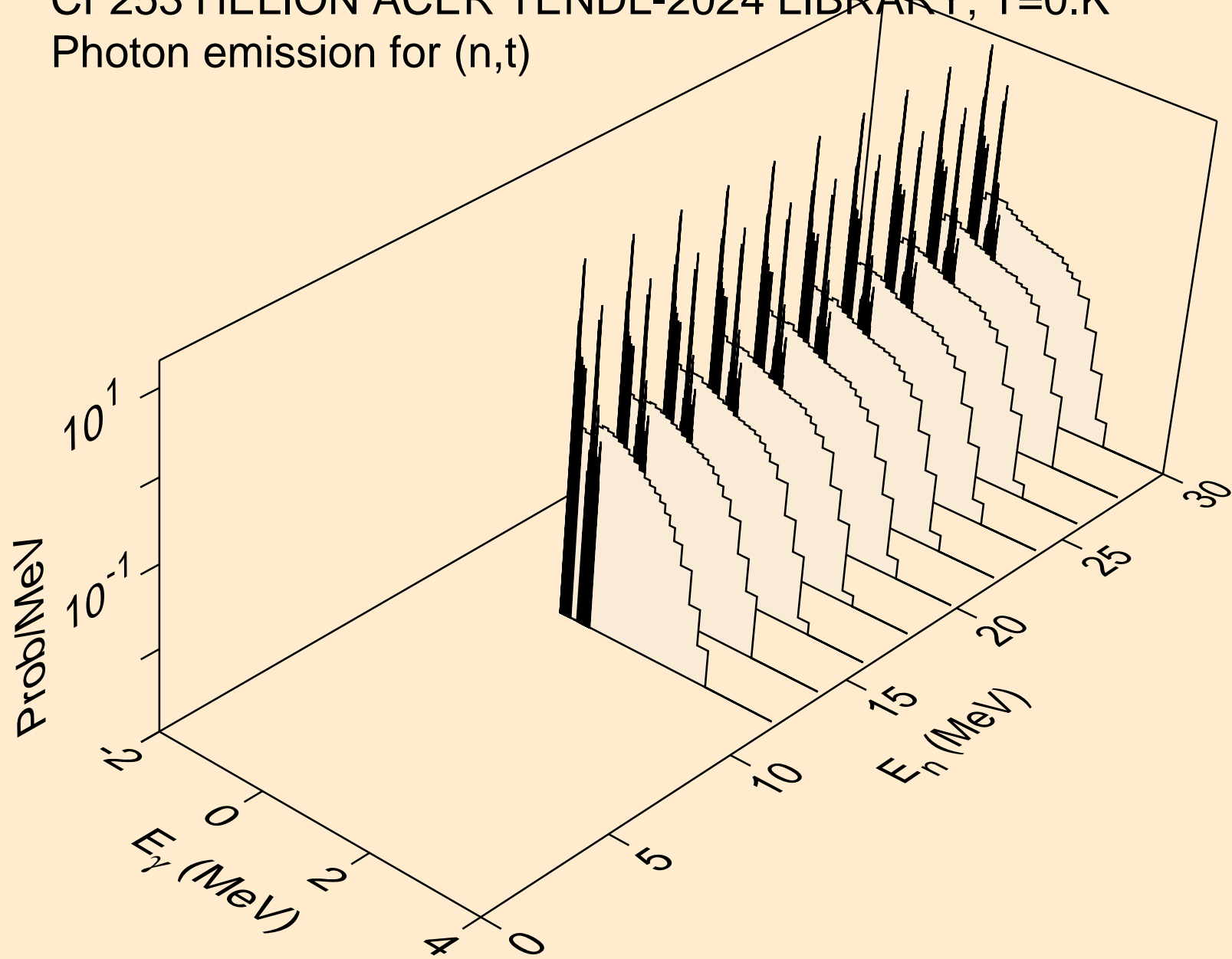
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Photon emission for (n,p)



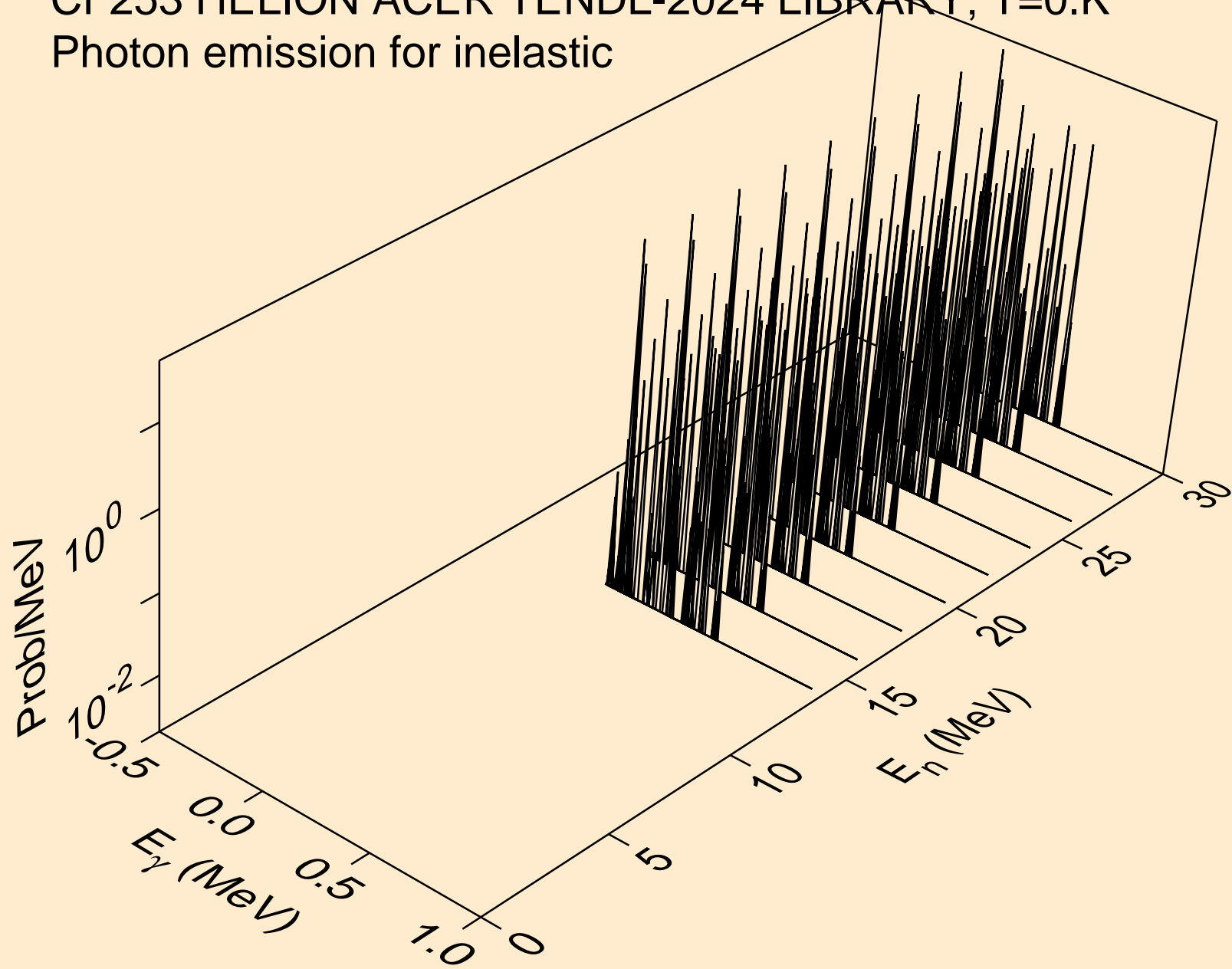
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Photon emission for (n,d)



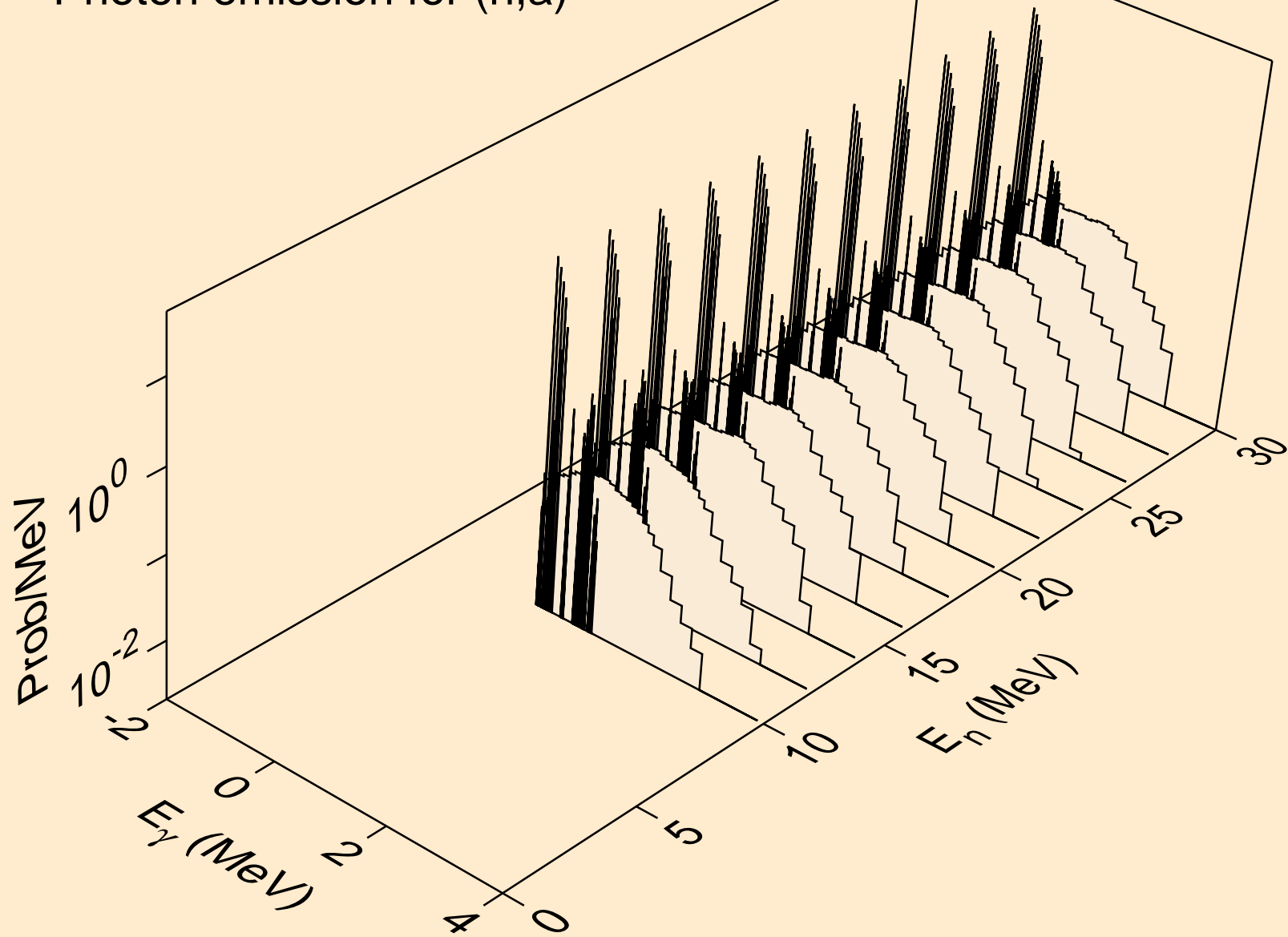
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Photon emission for (n,t)



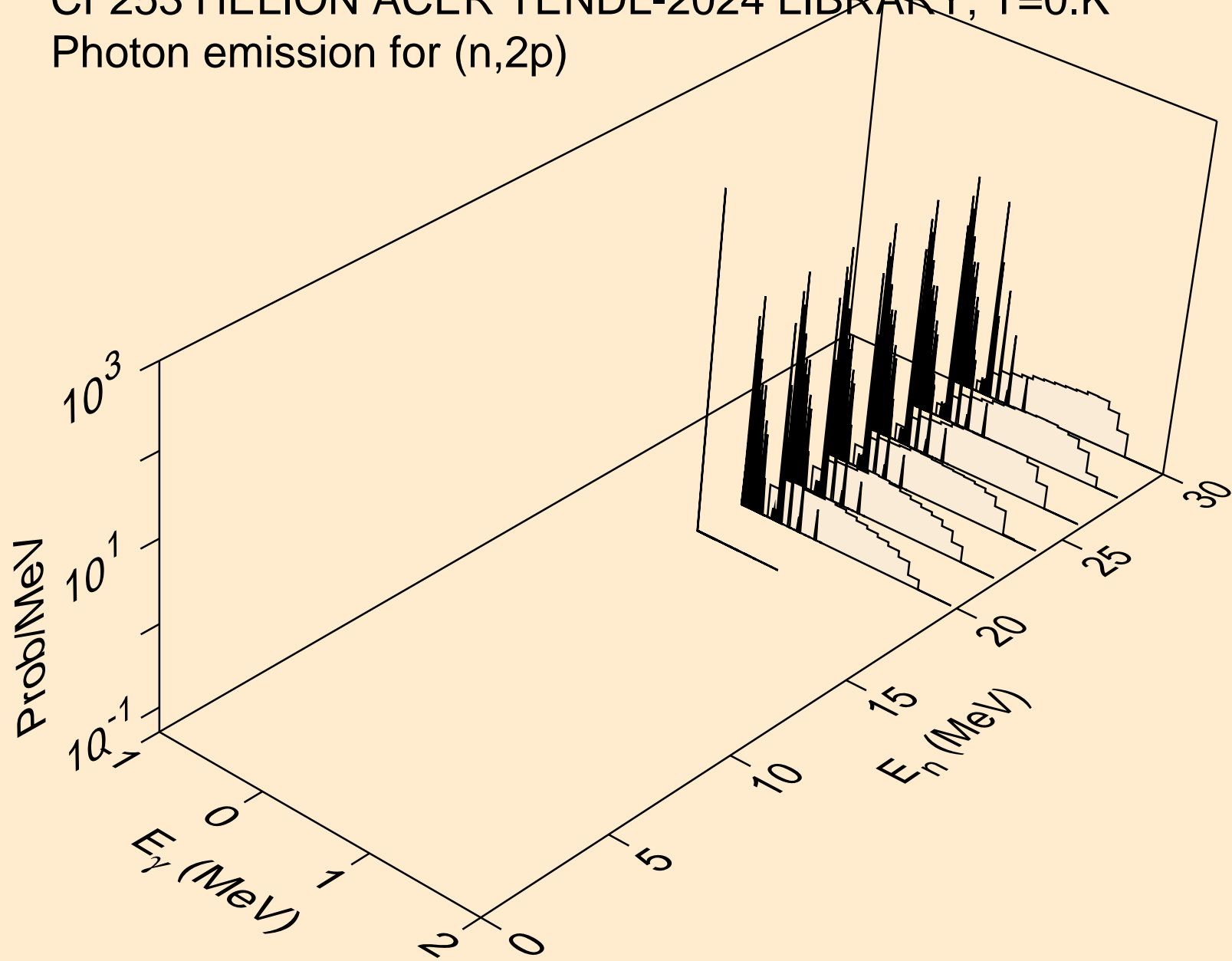
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

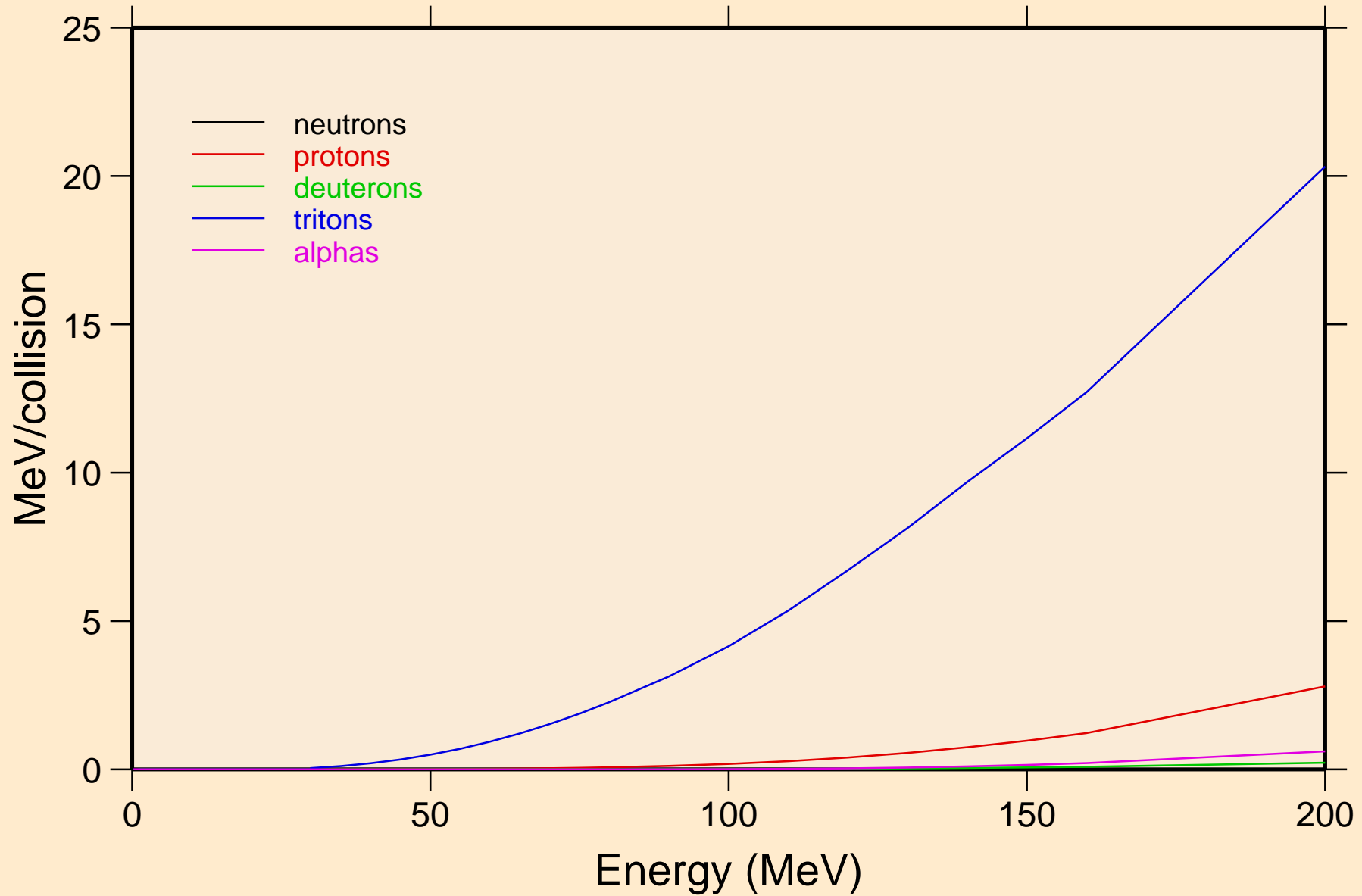


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Photon emission for (n,2p)

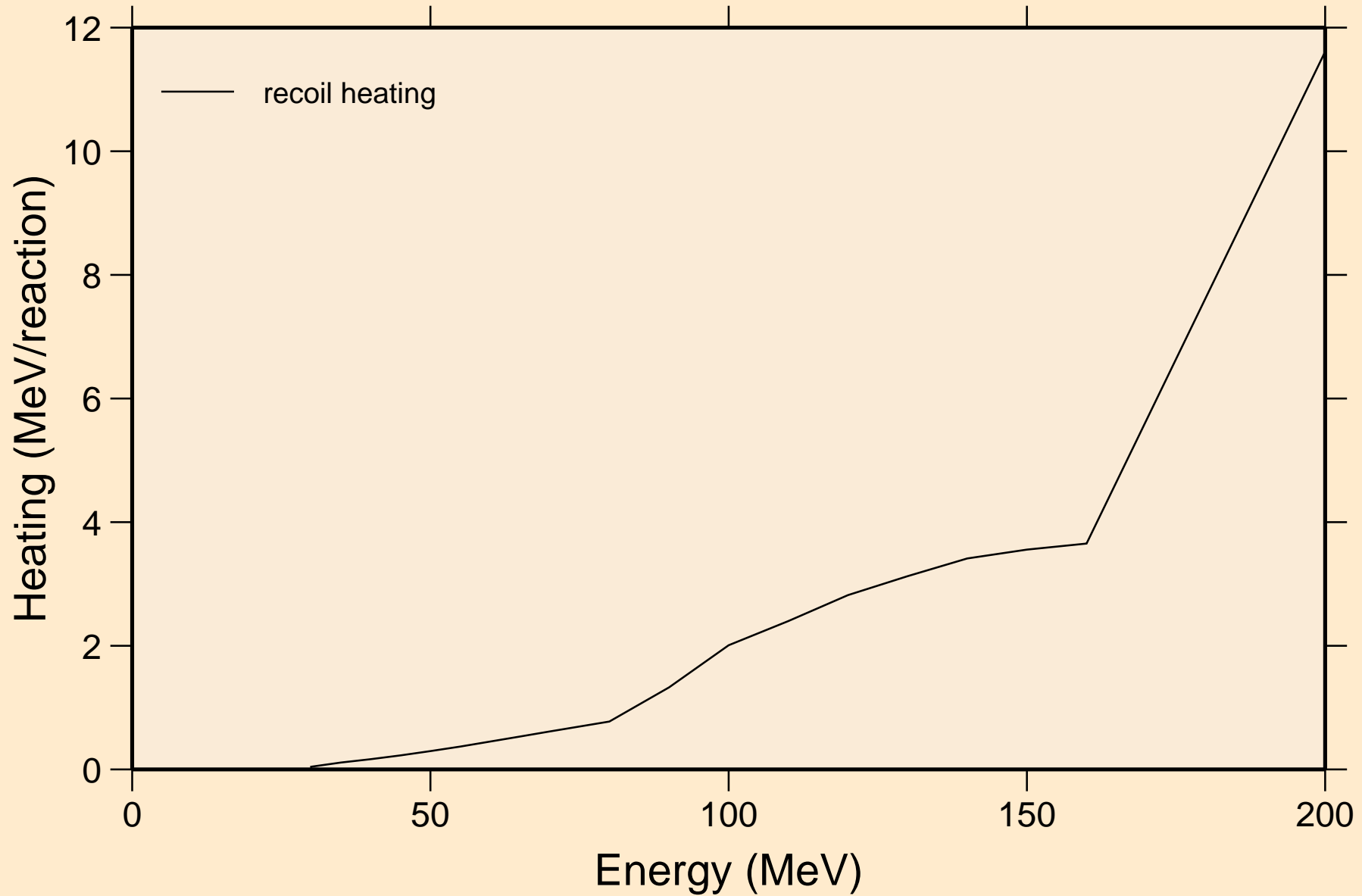


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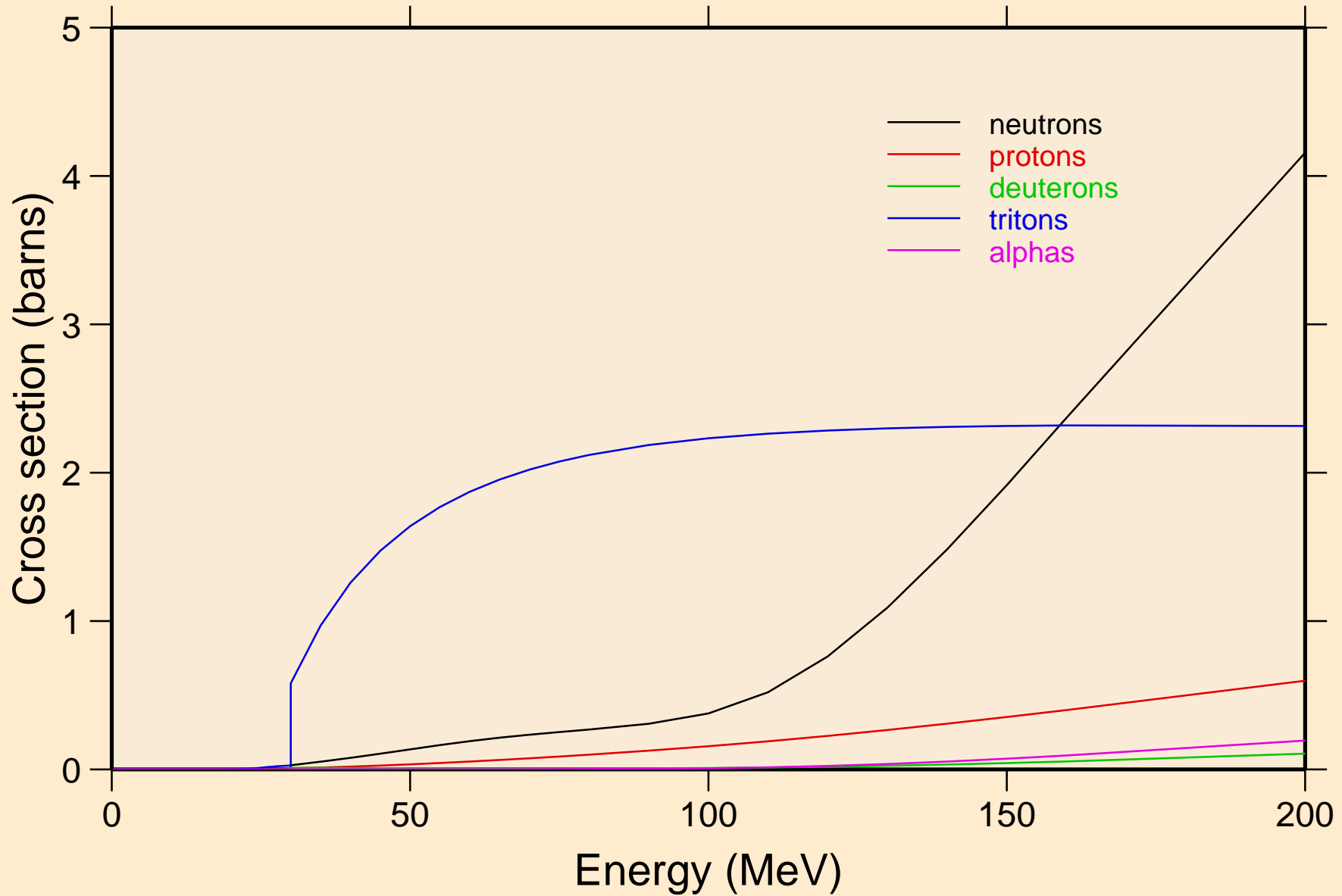
## Particle heating contributions



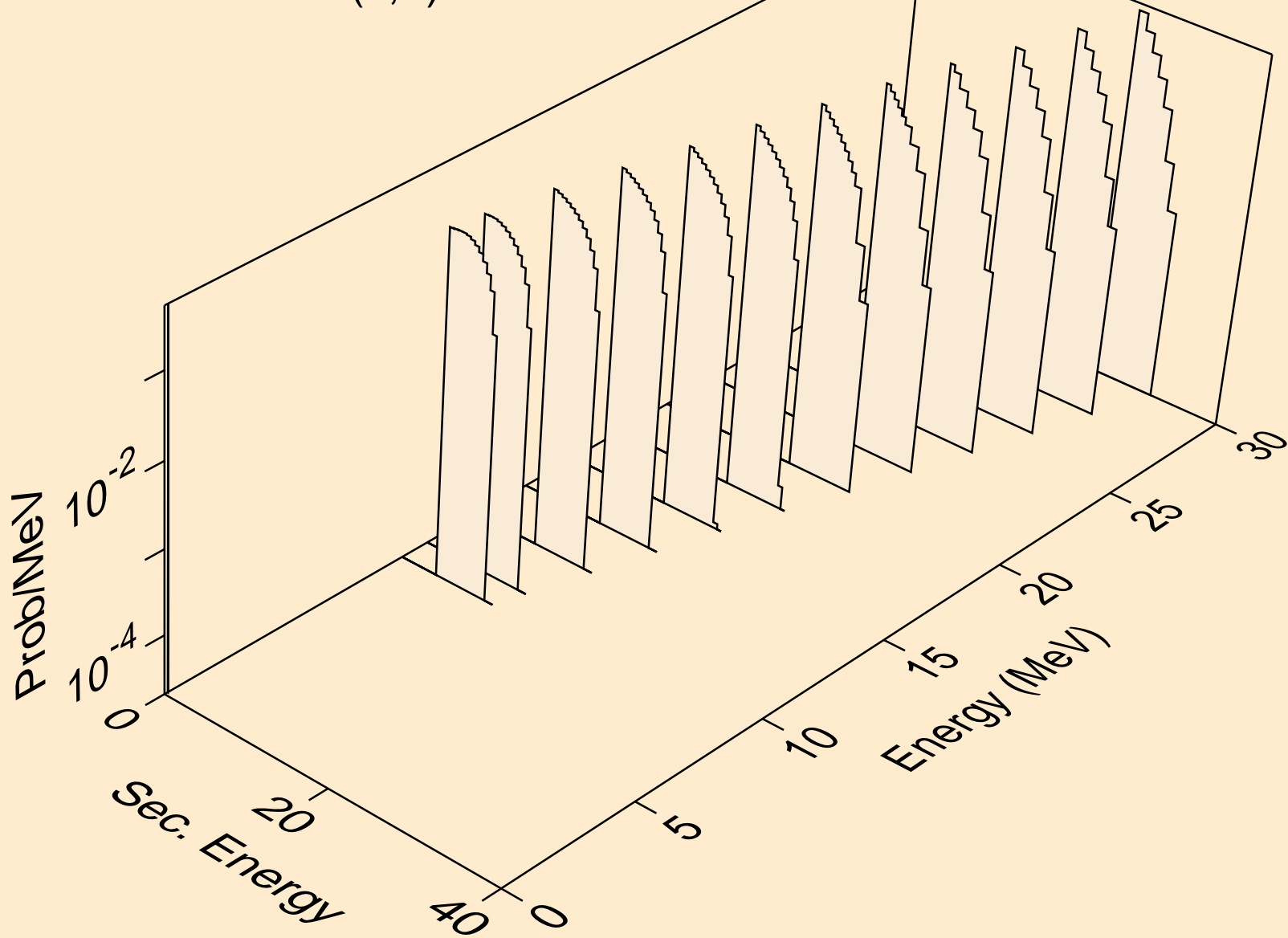
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Recoil Heating



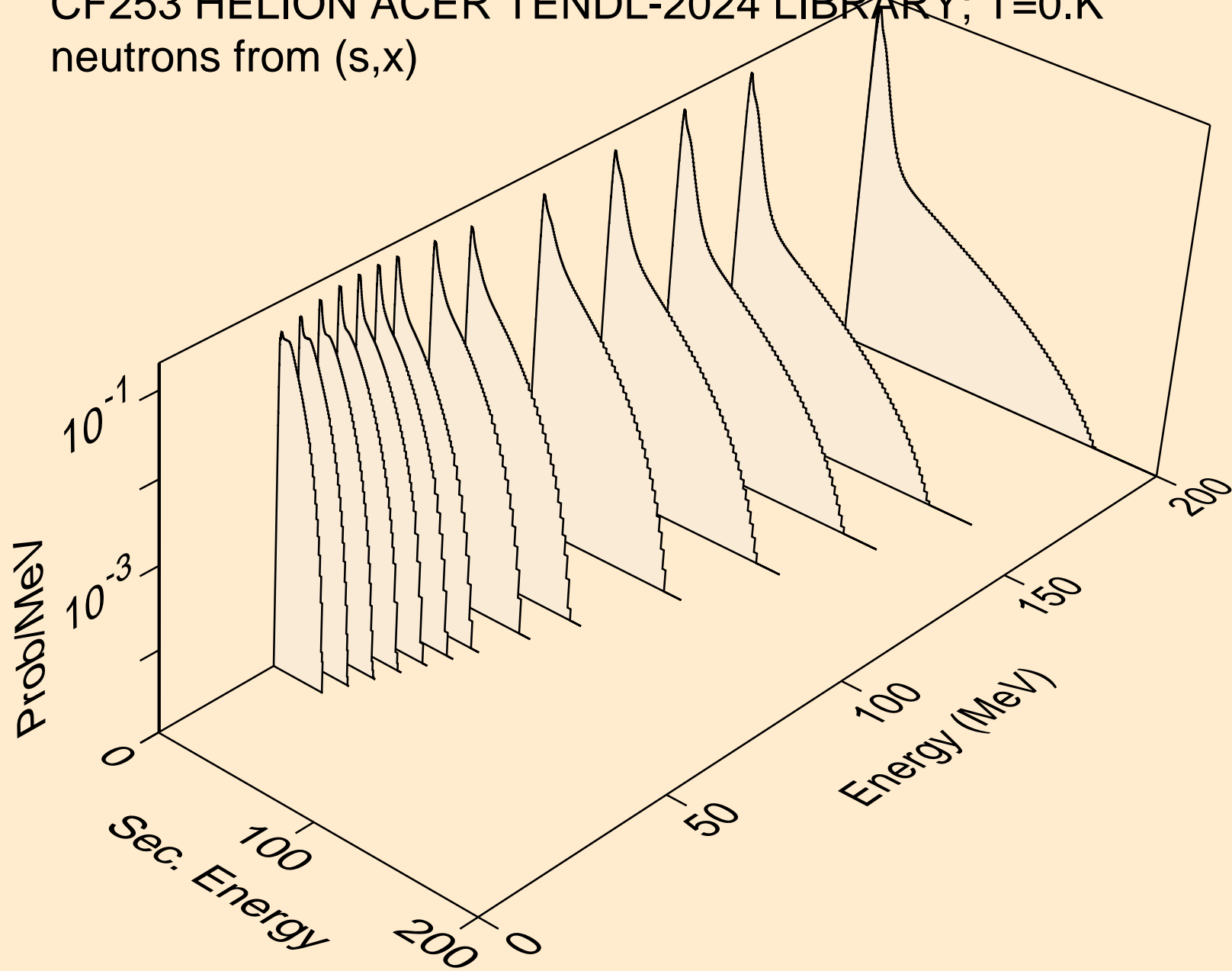
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



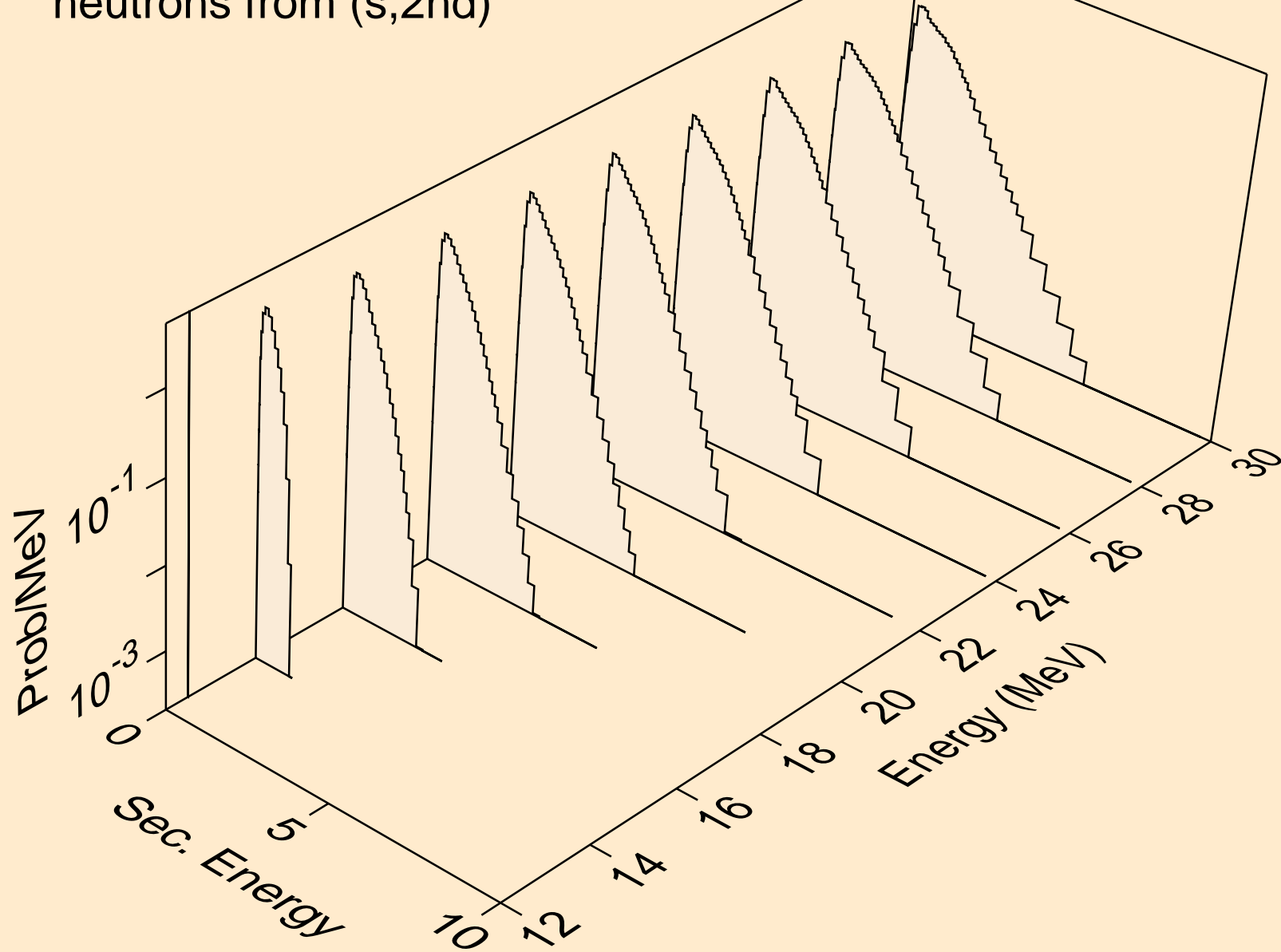
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



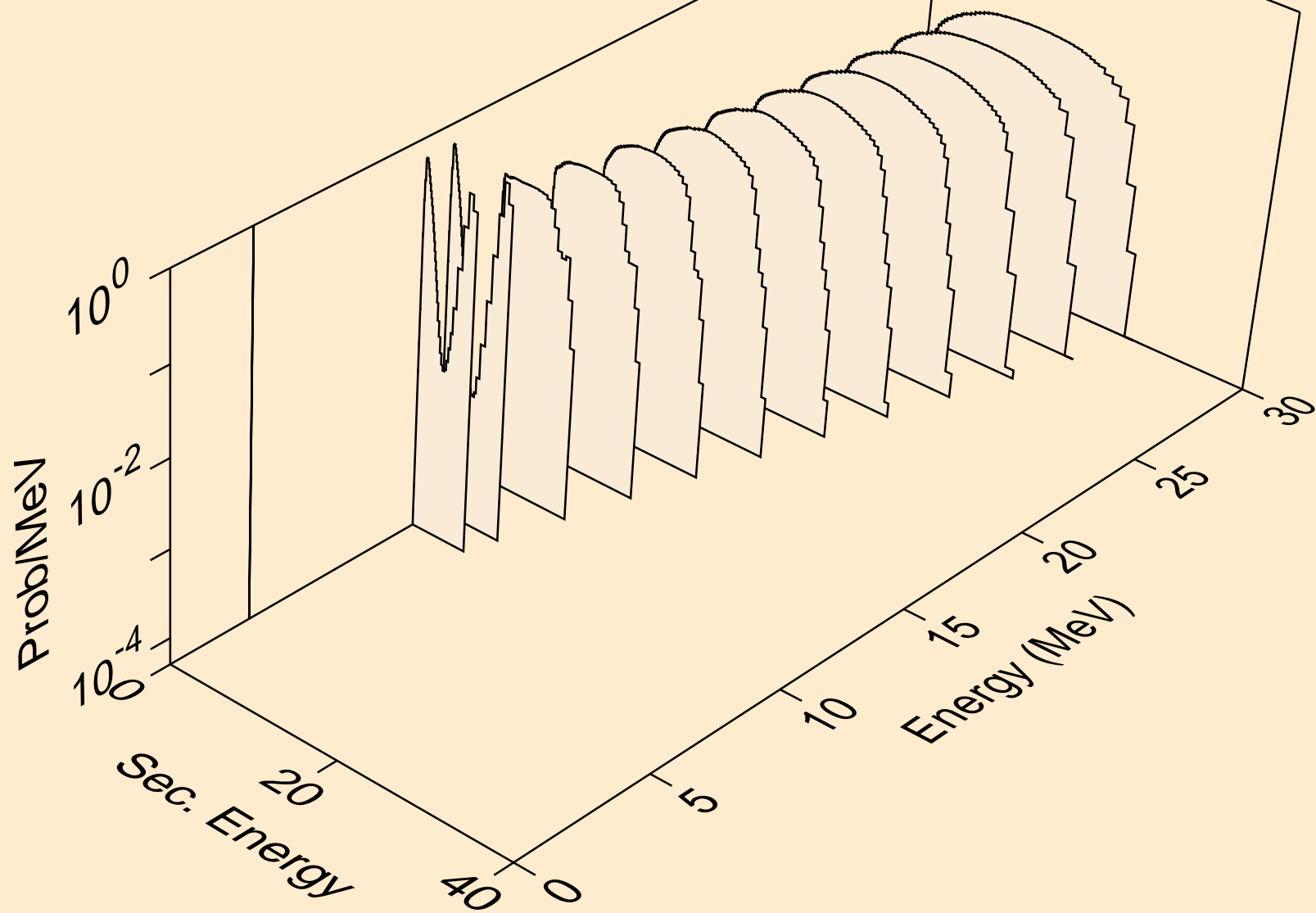
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
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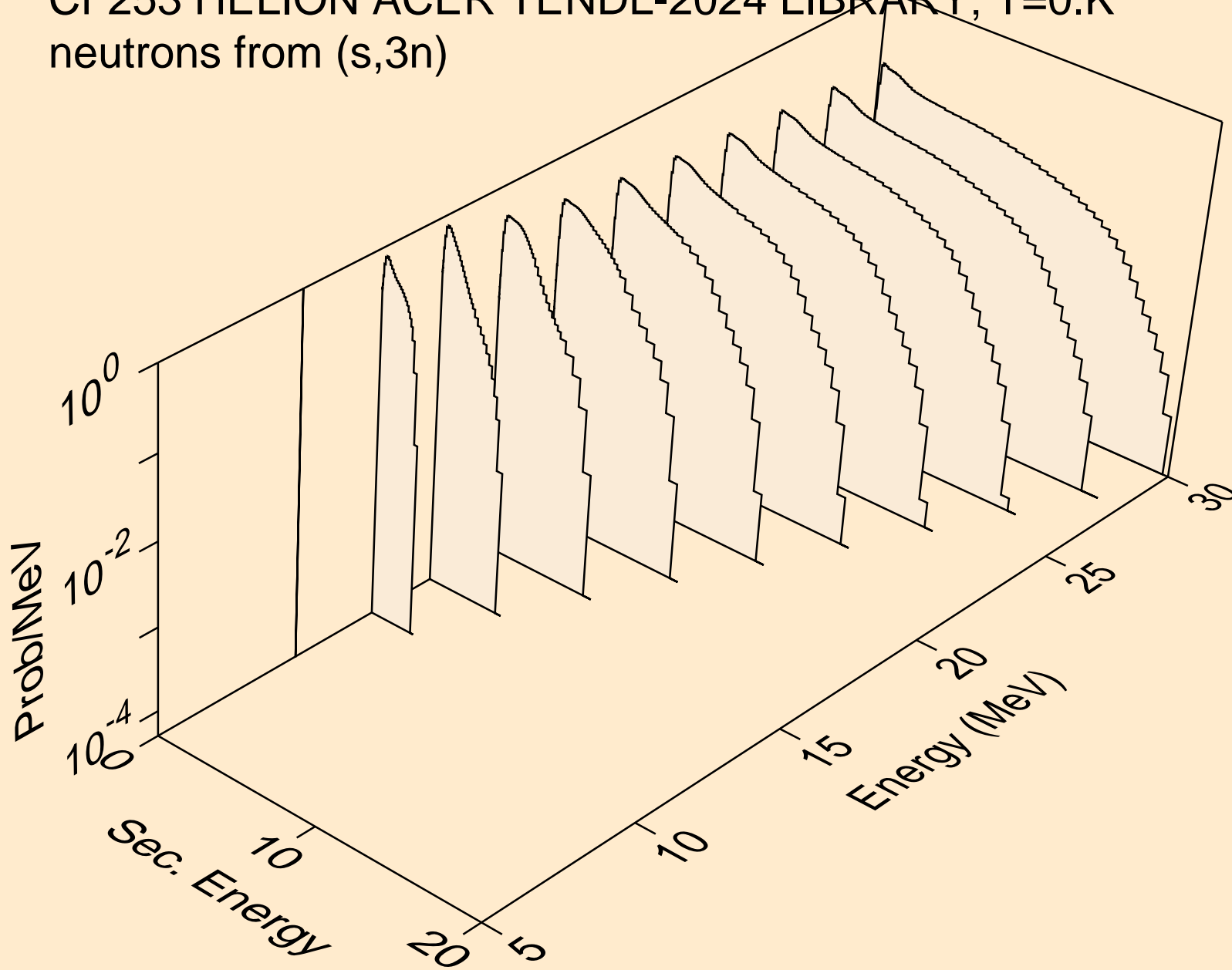
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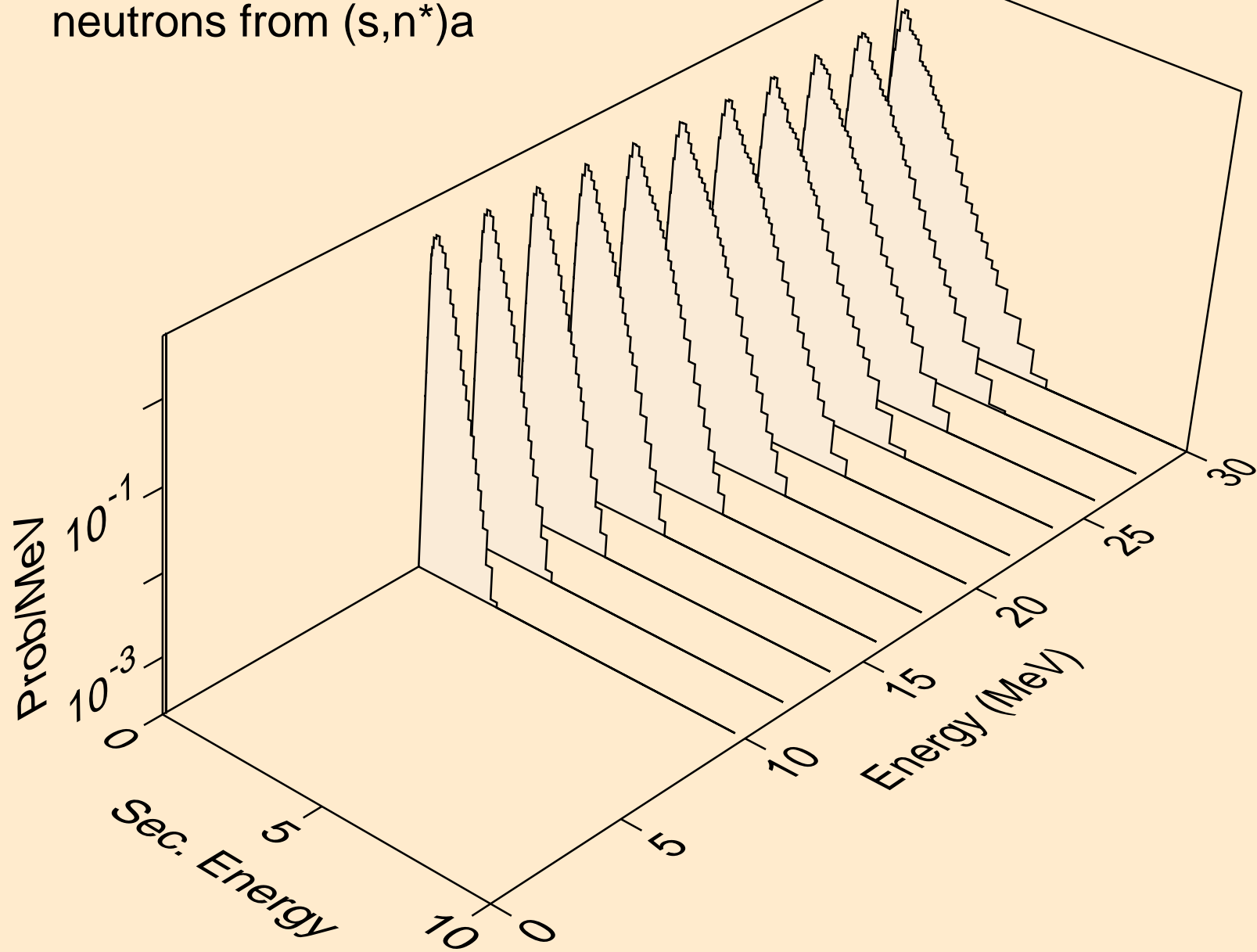
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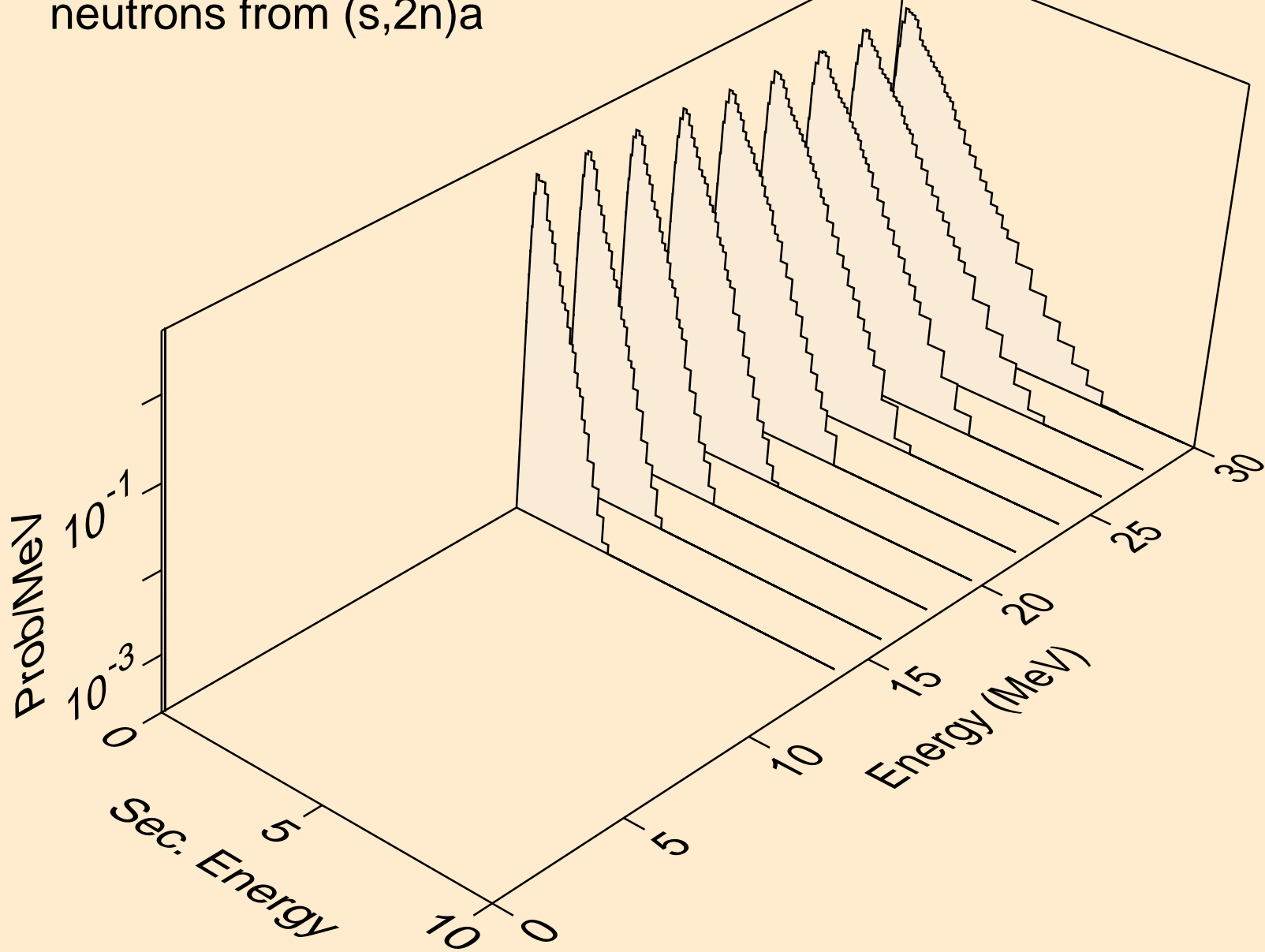
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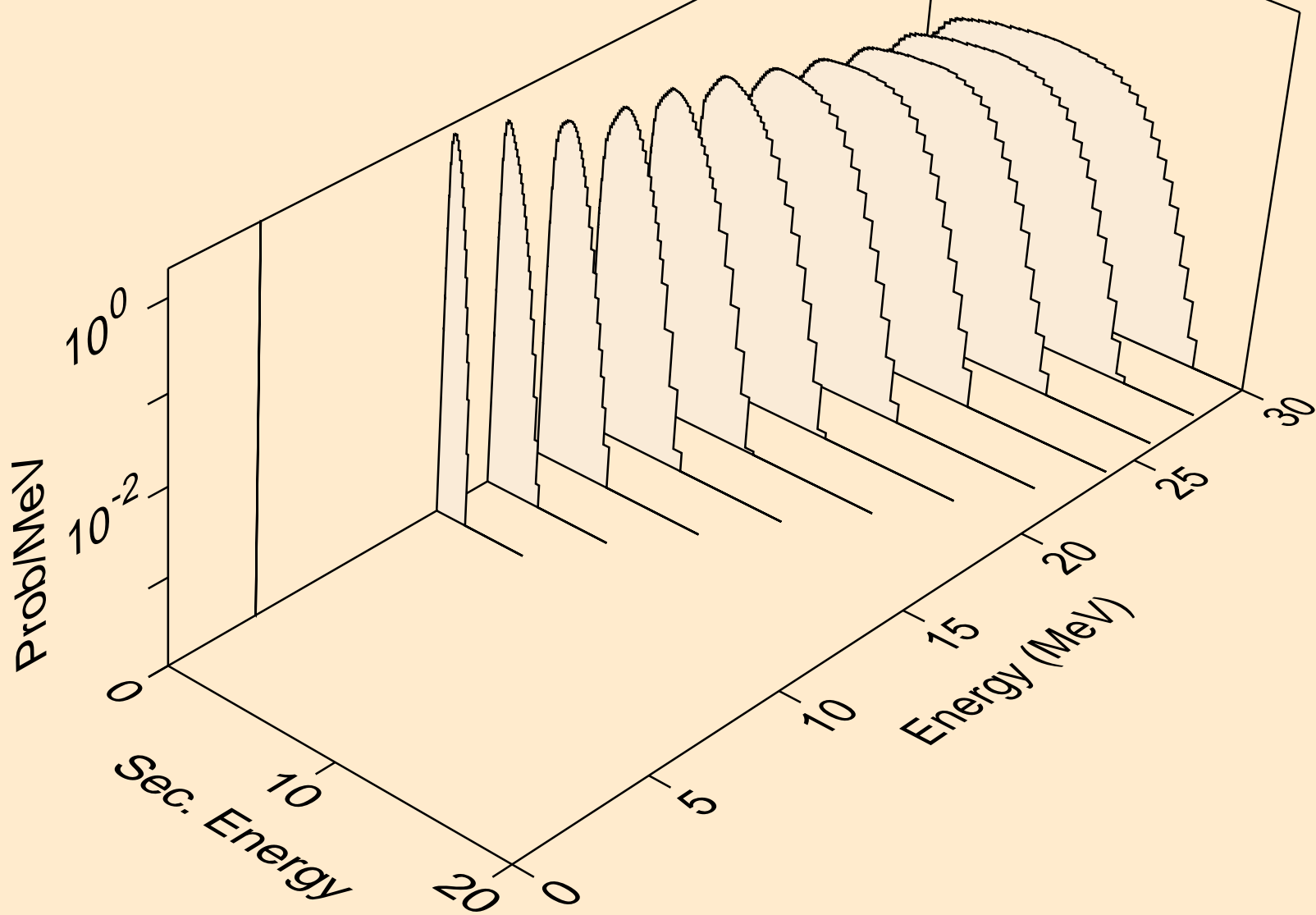
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neutrons from (s,n\*)a



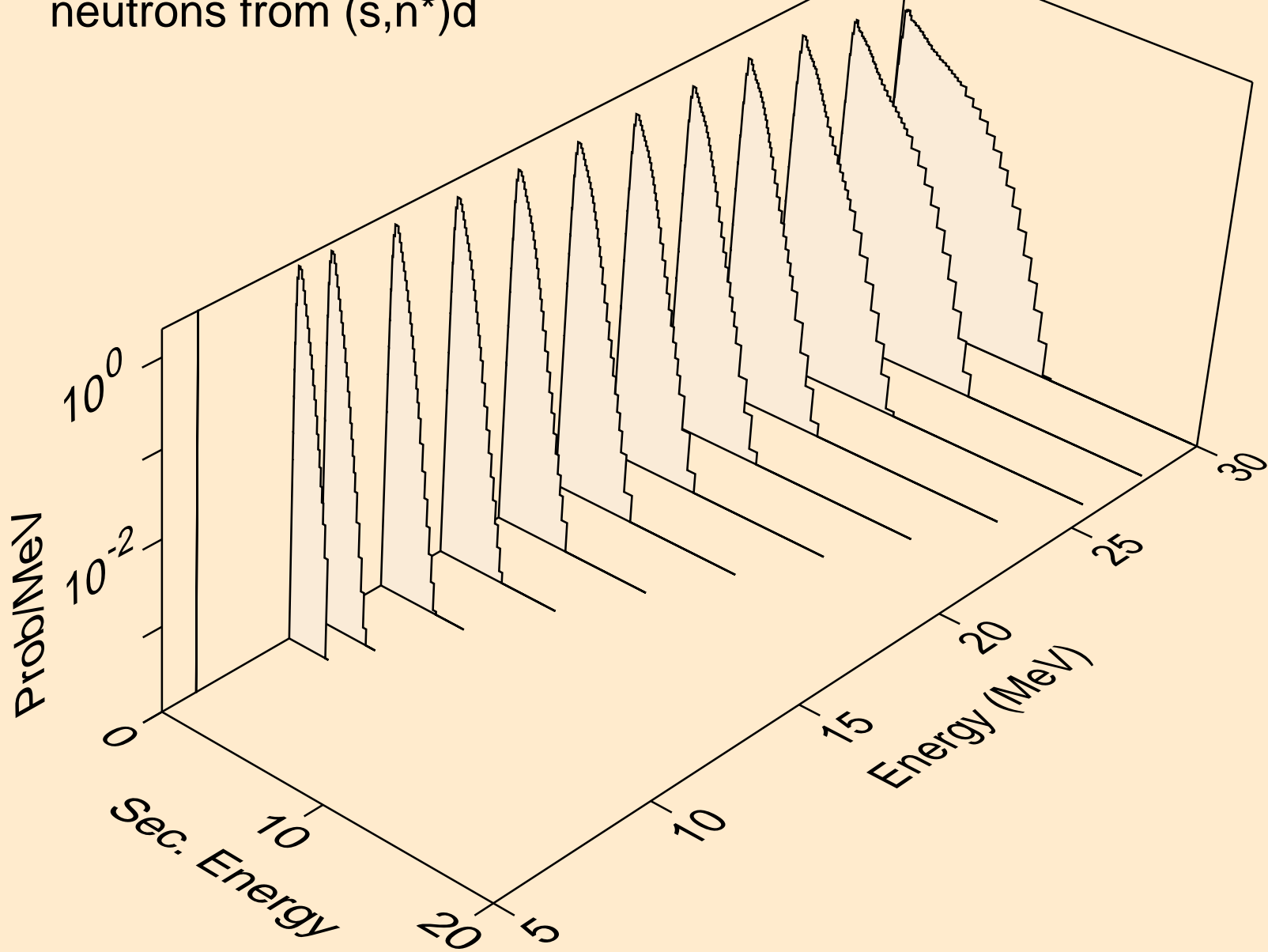
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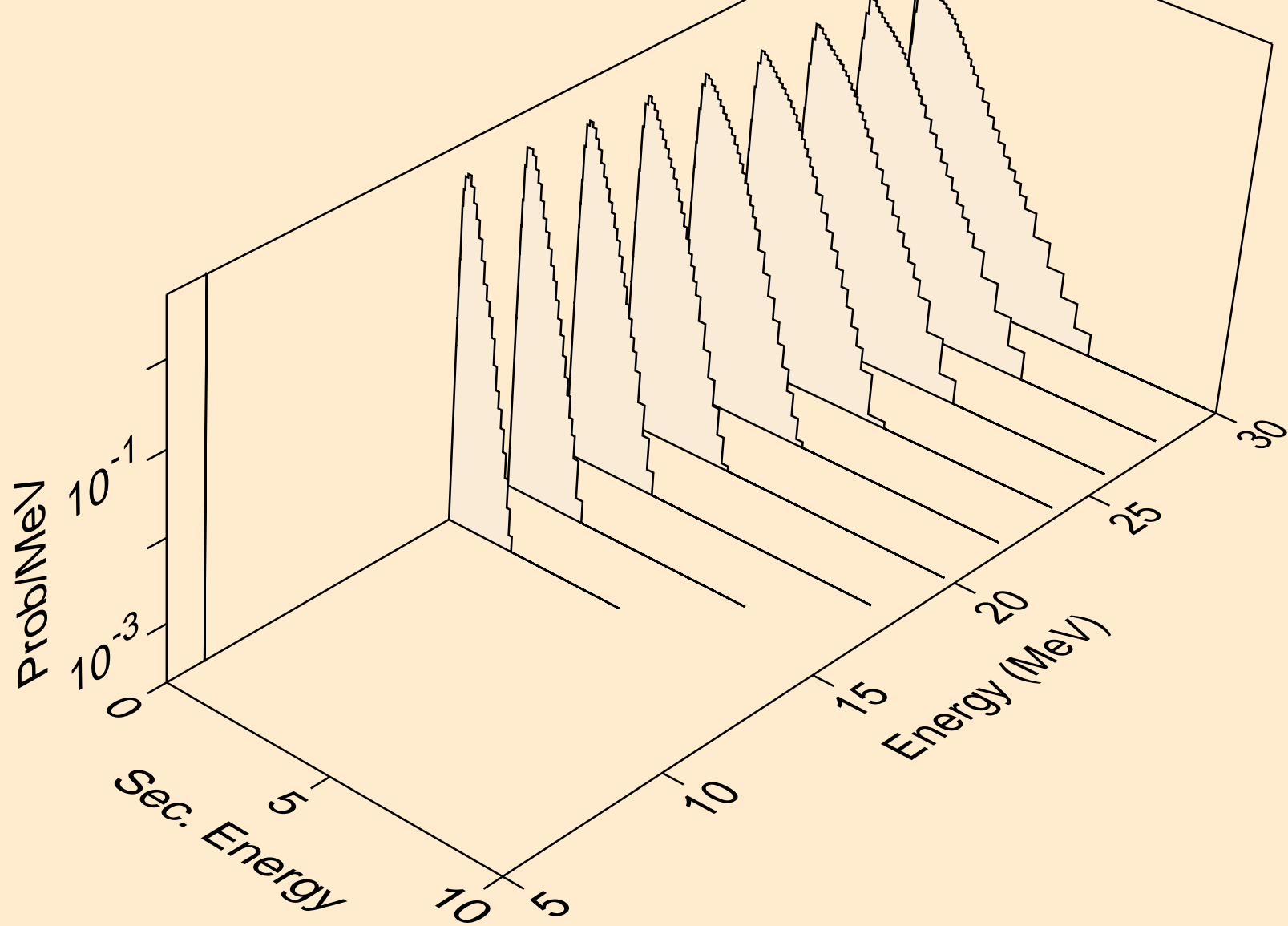
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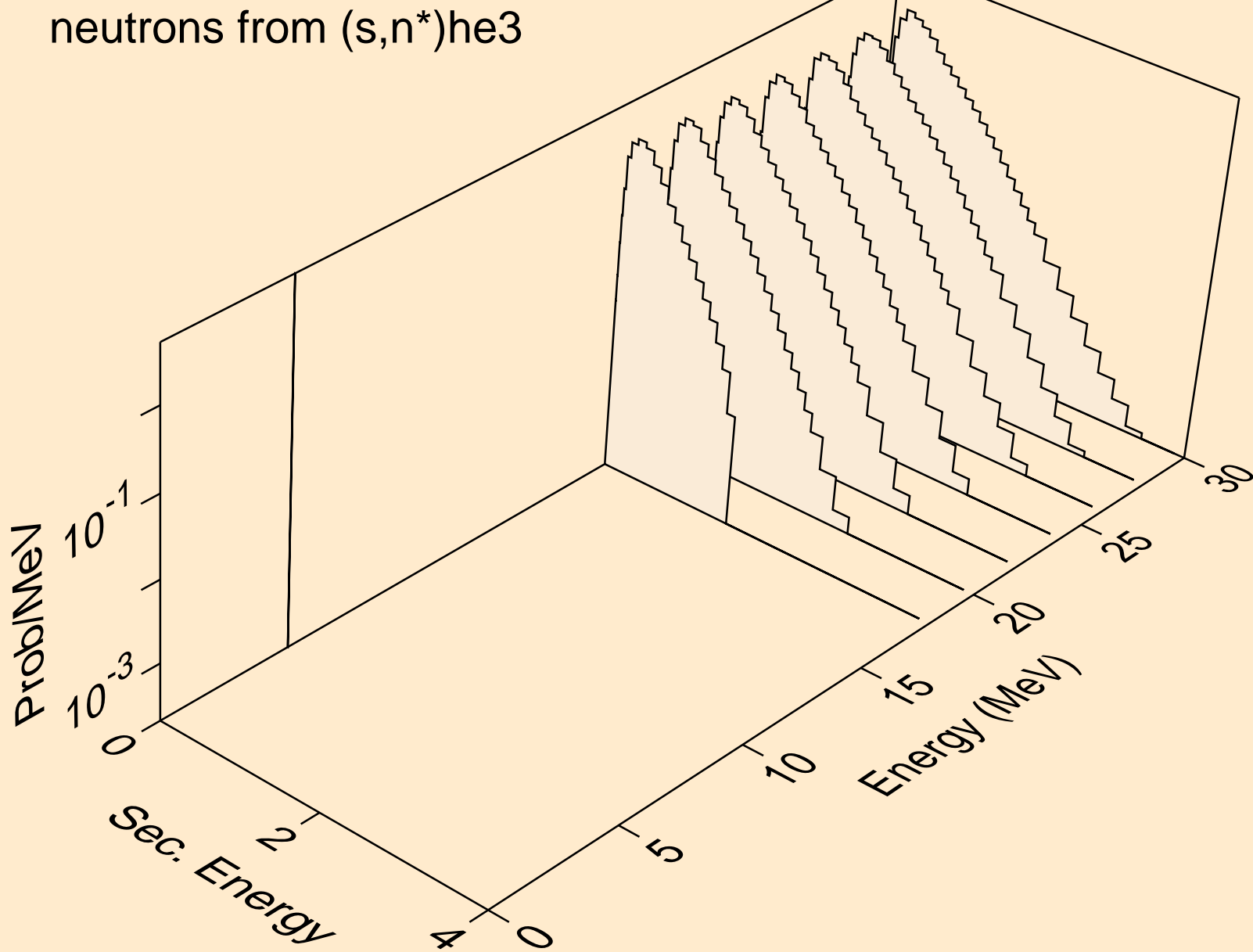
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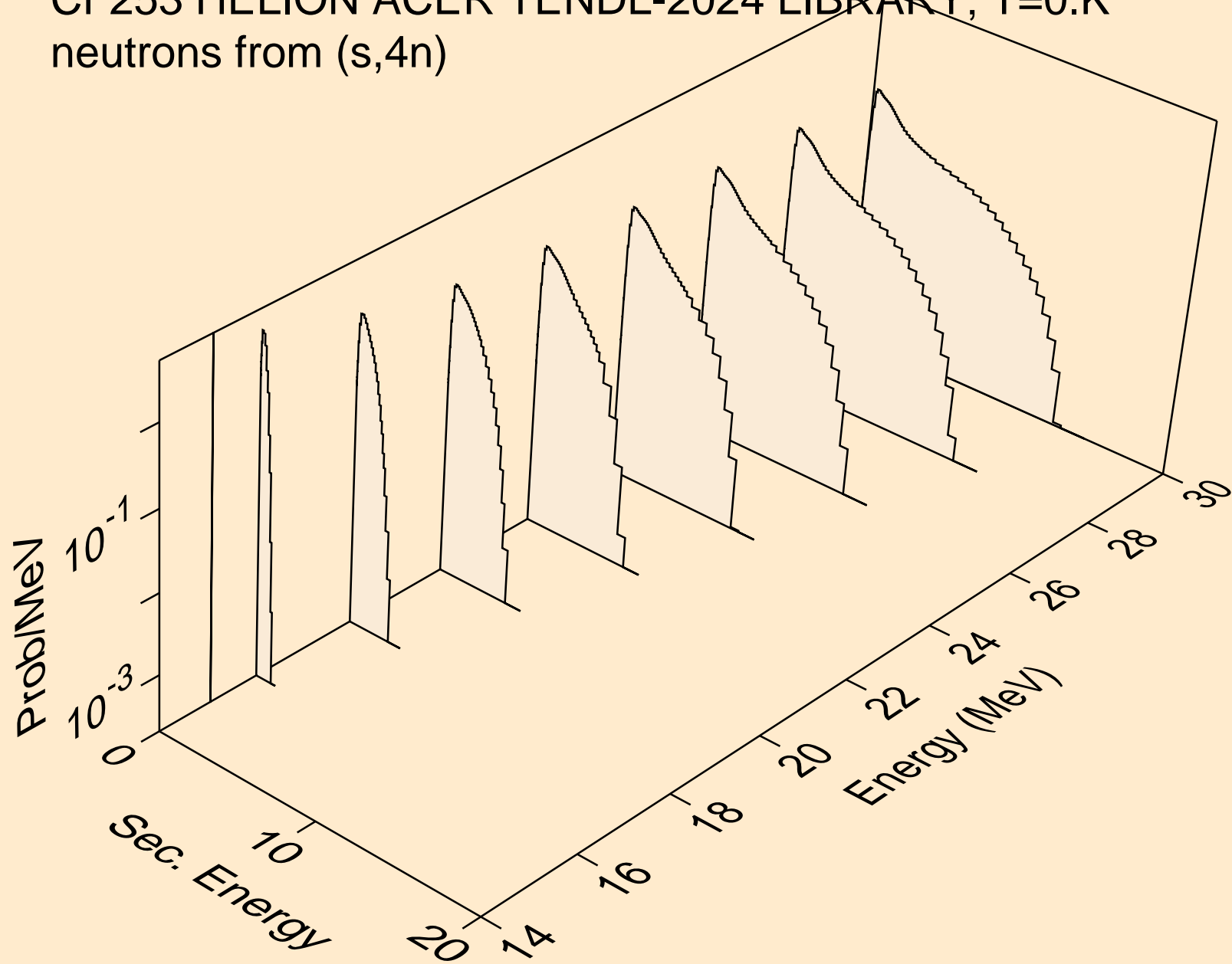
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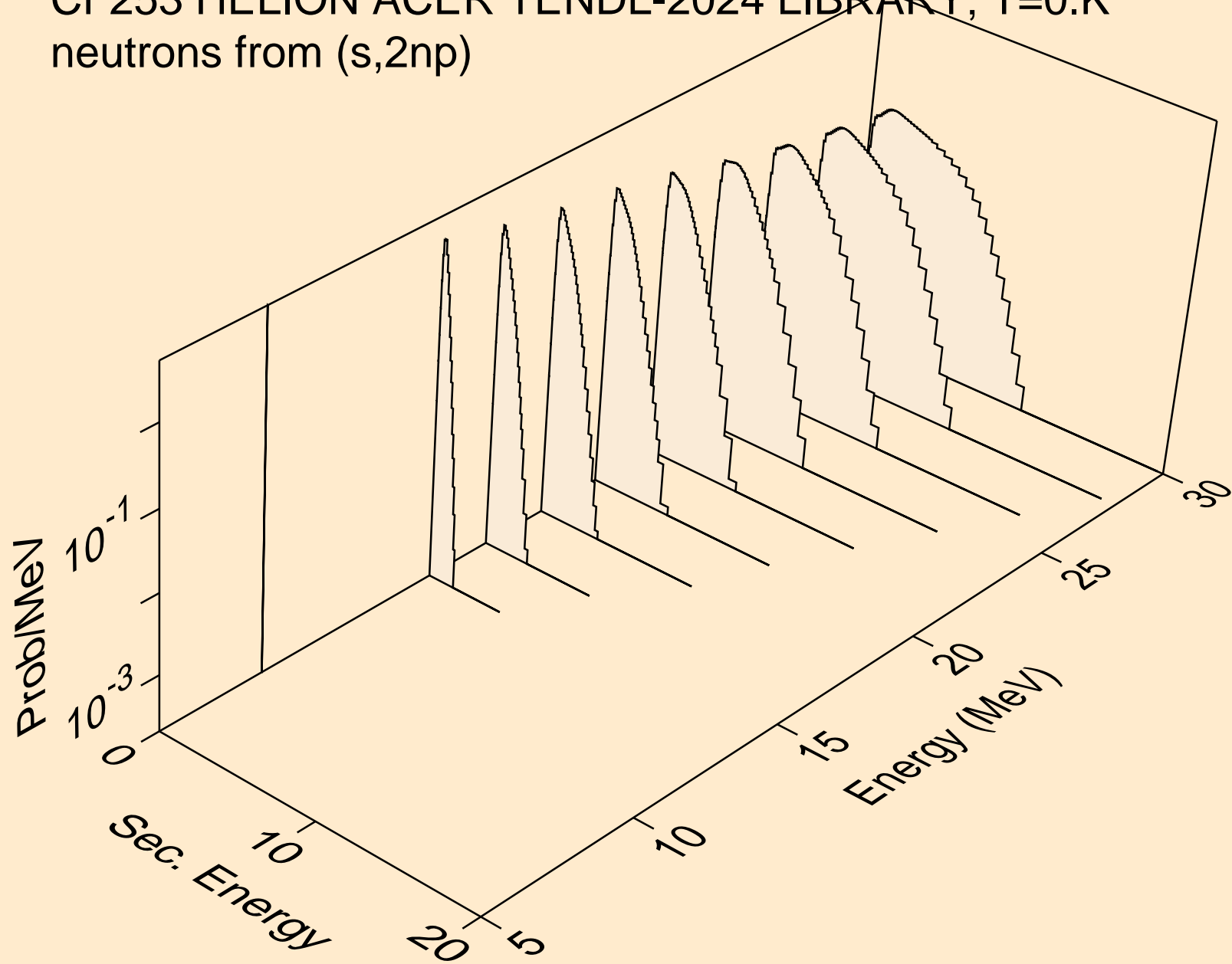
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neutrons from (s,n\*)he3



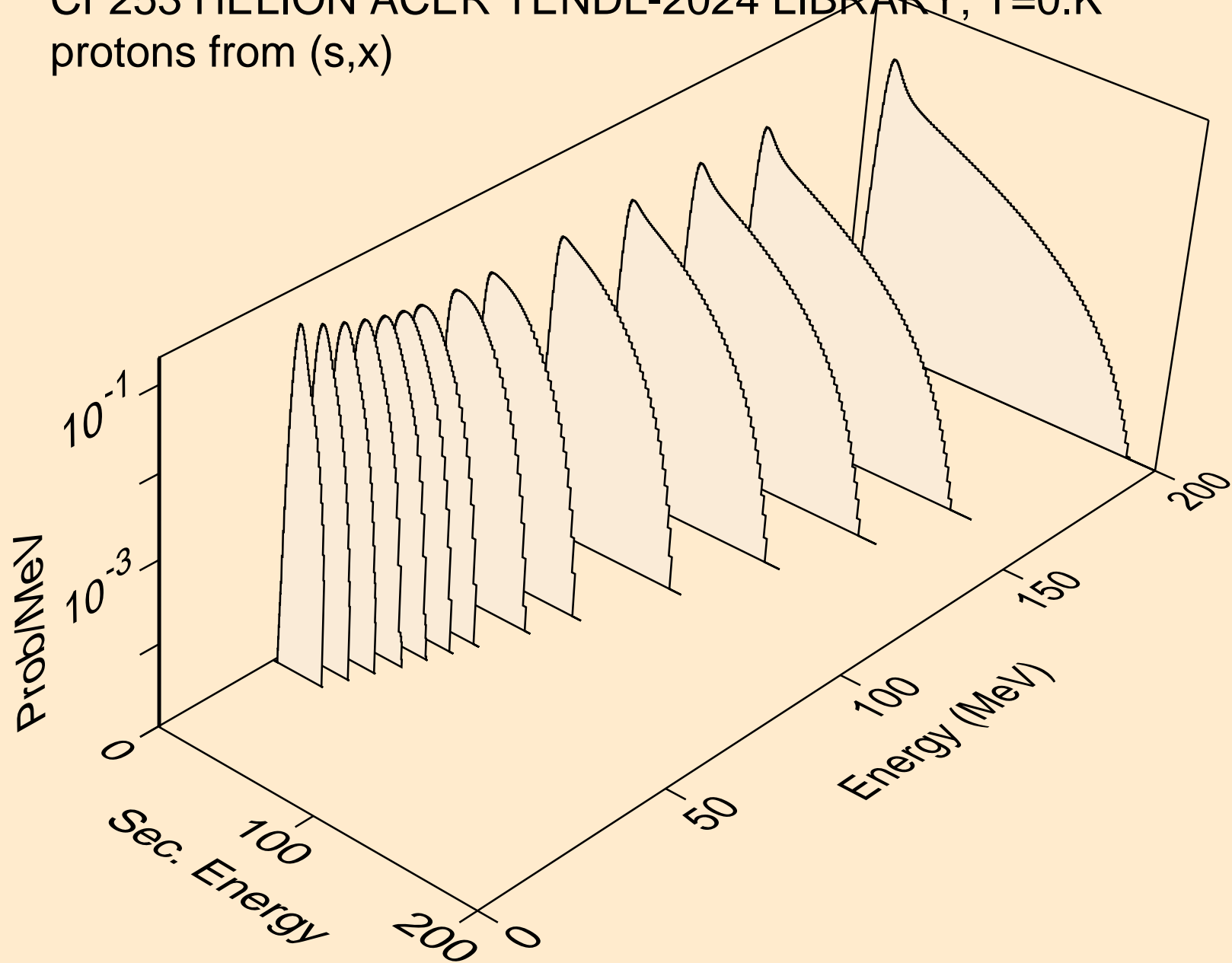
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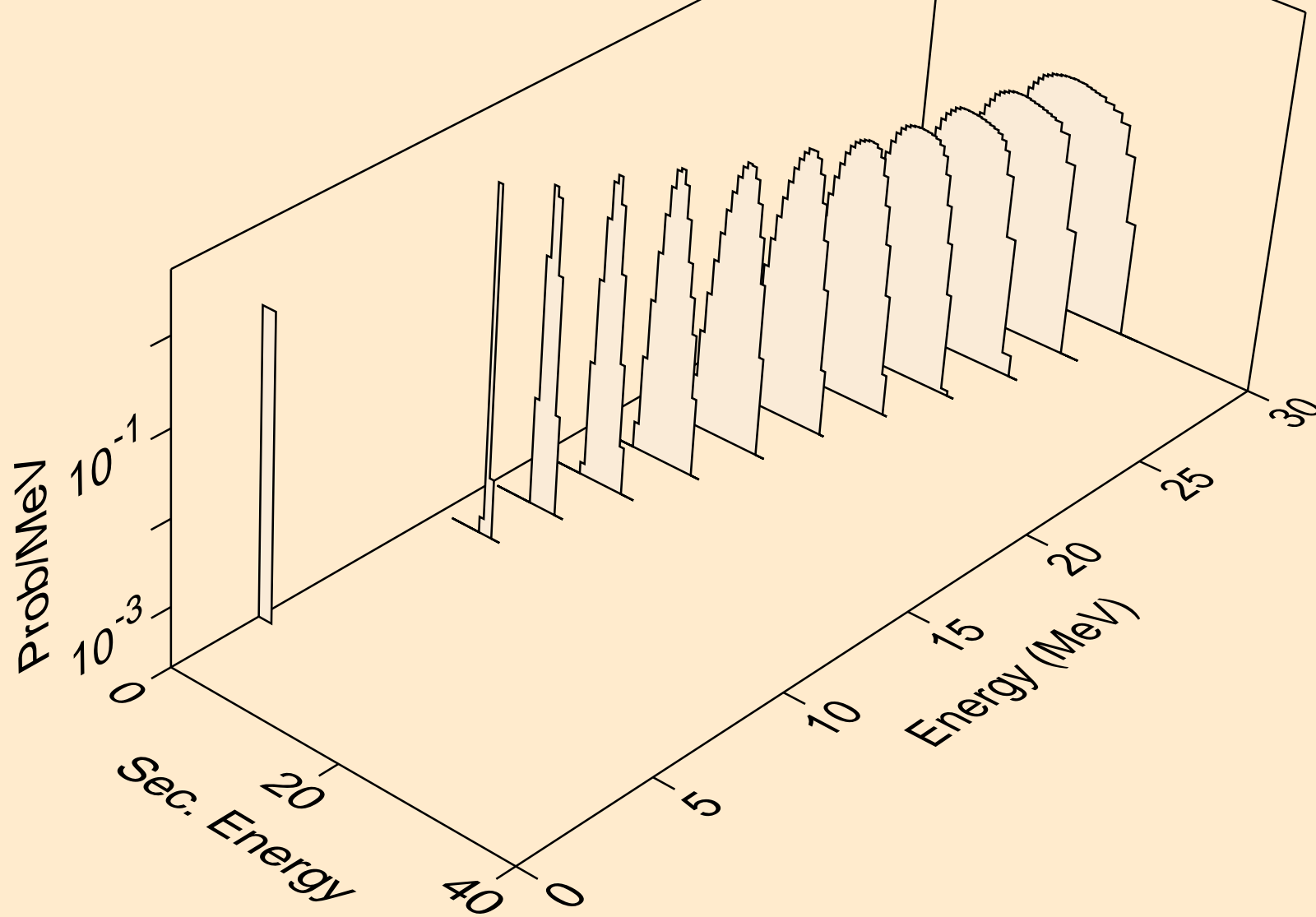
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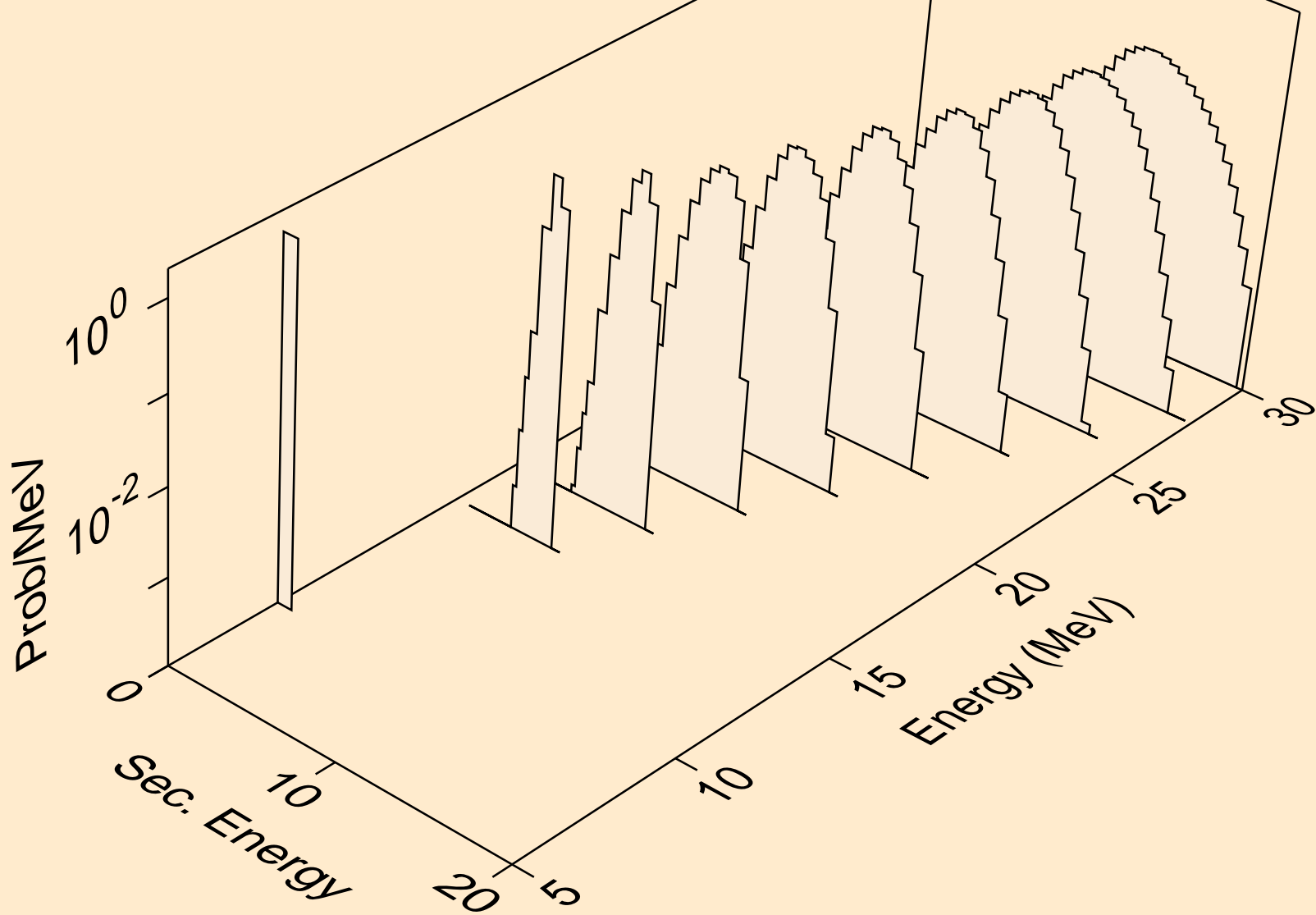
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protons from (s,x)



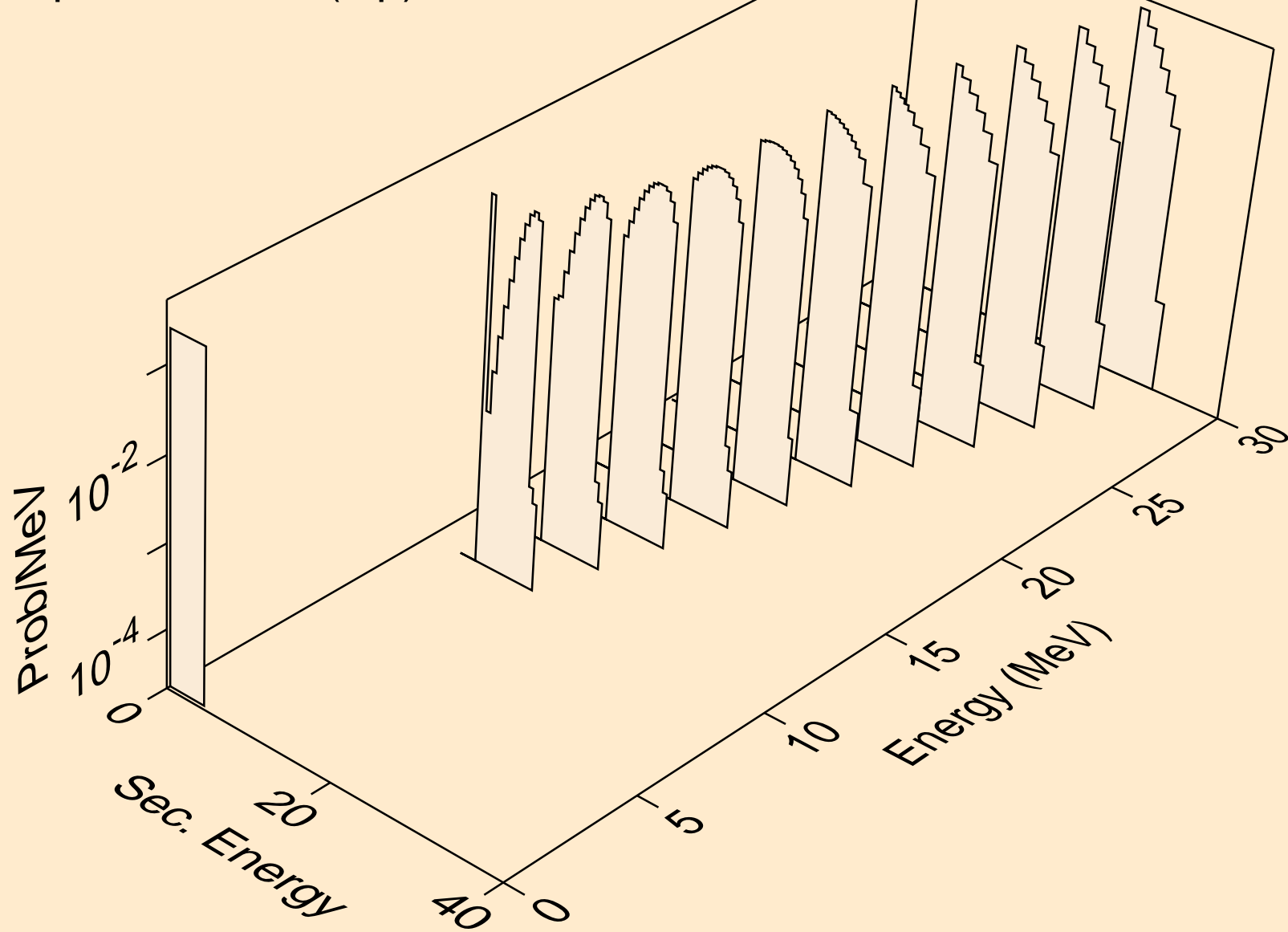
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protons from (s,n\*)p



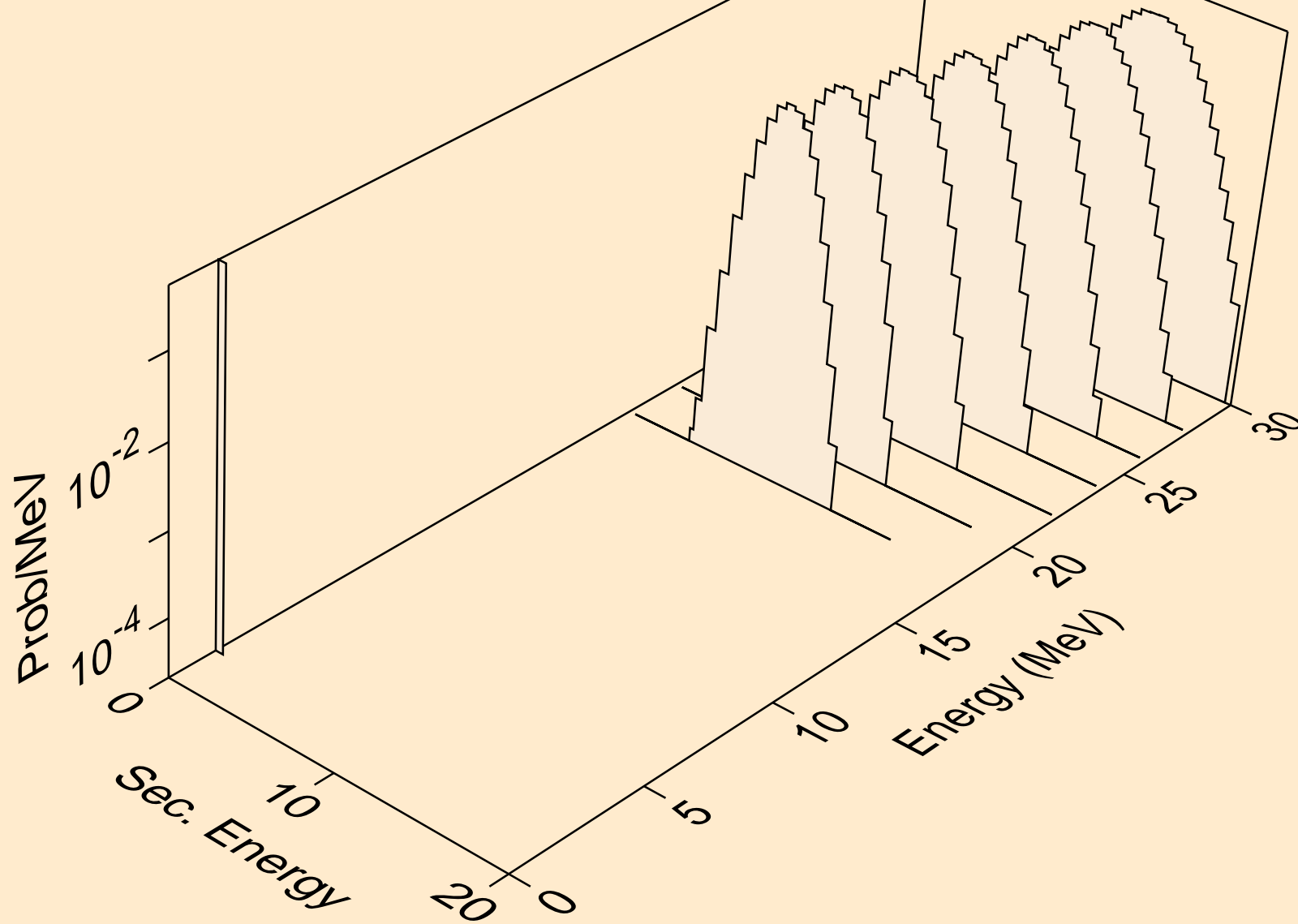
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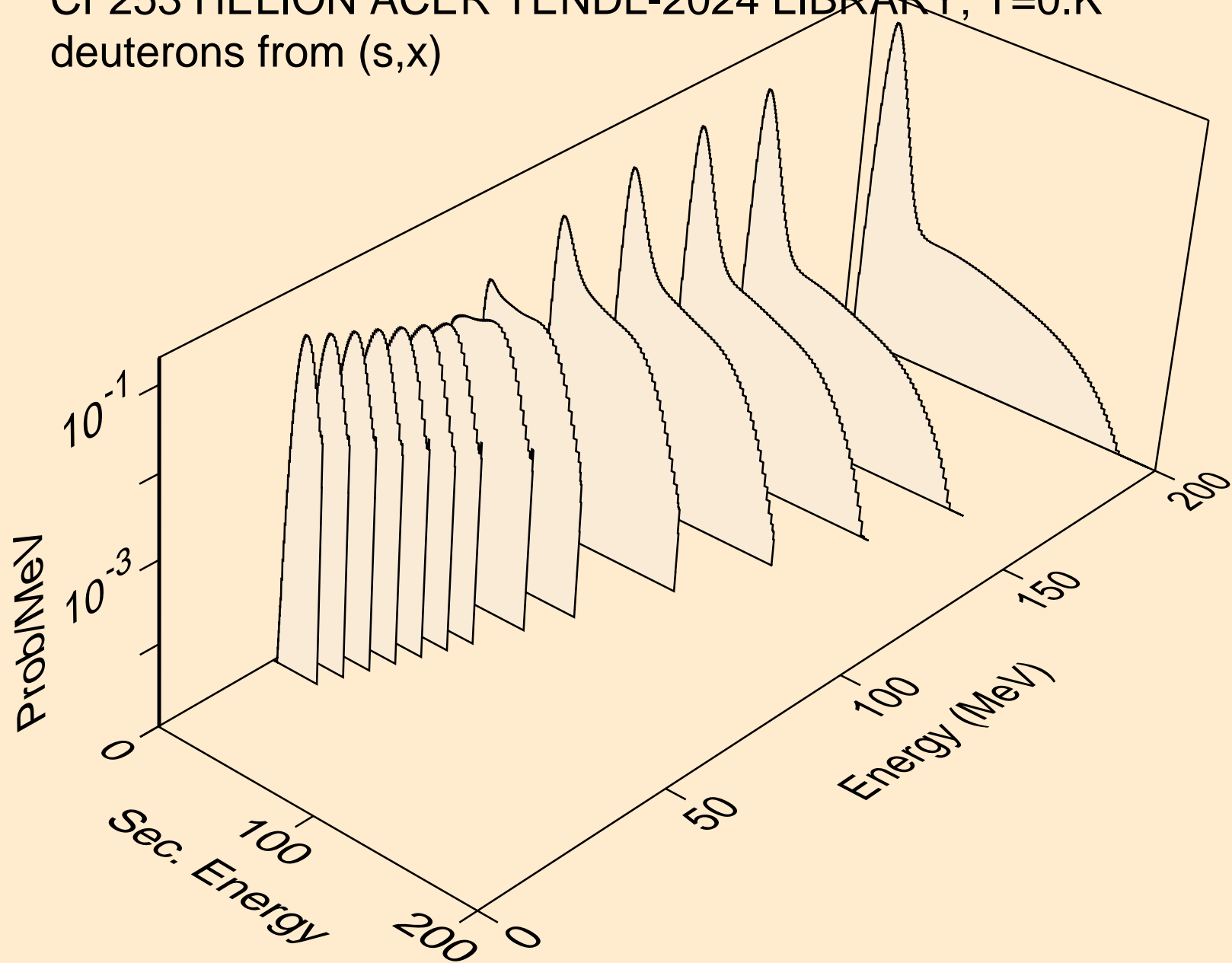
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protons from (s,p)



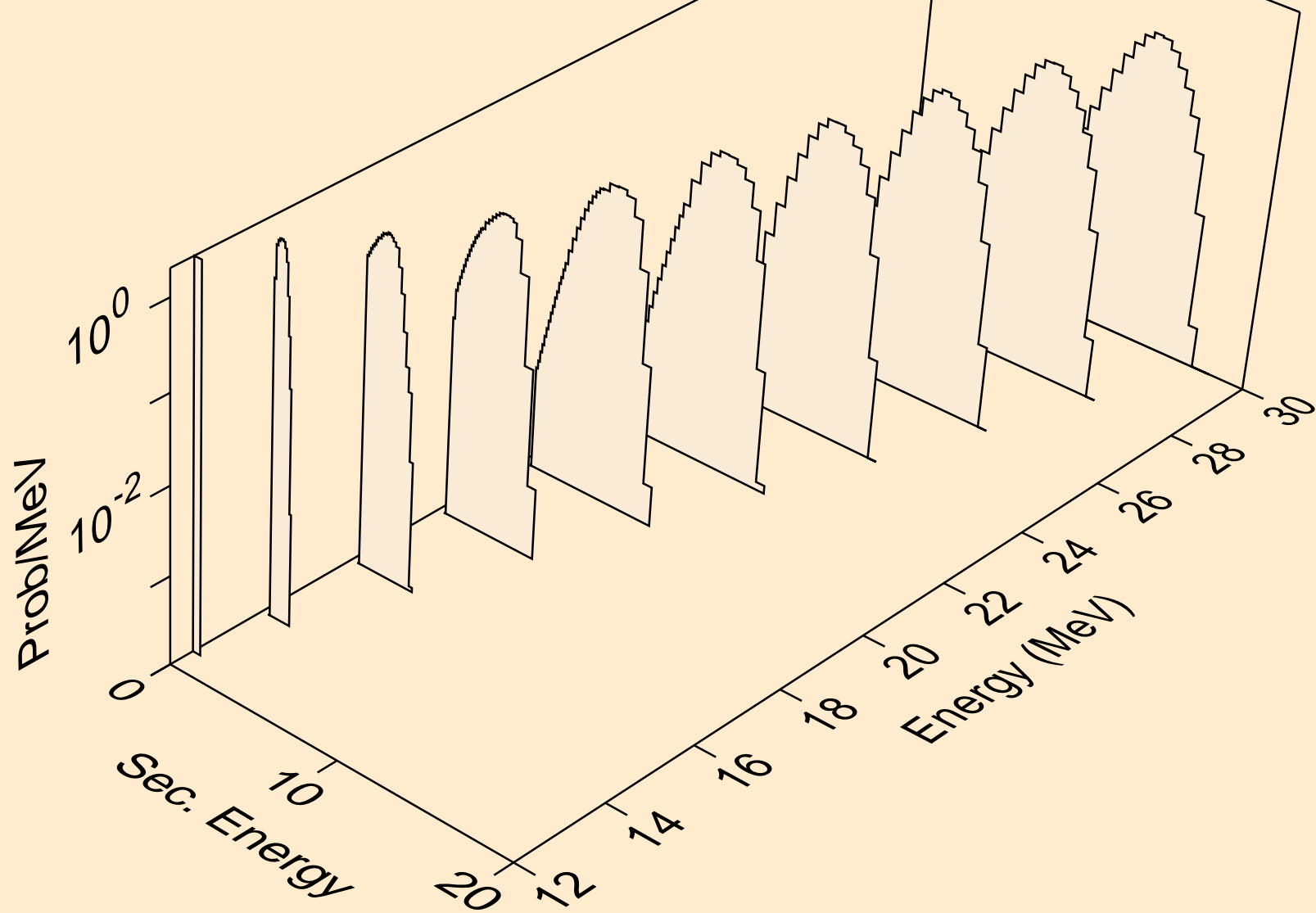
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protons from (s,2p)



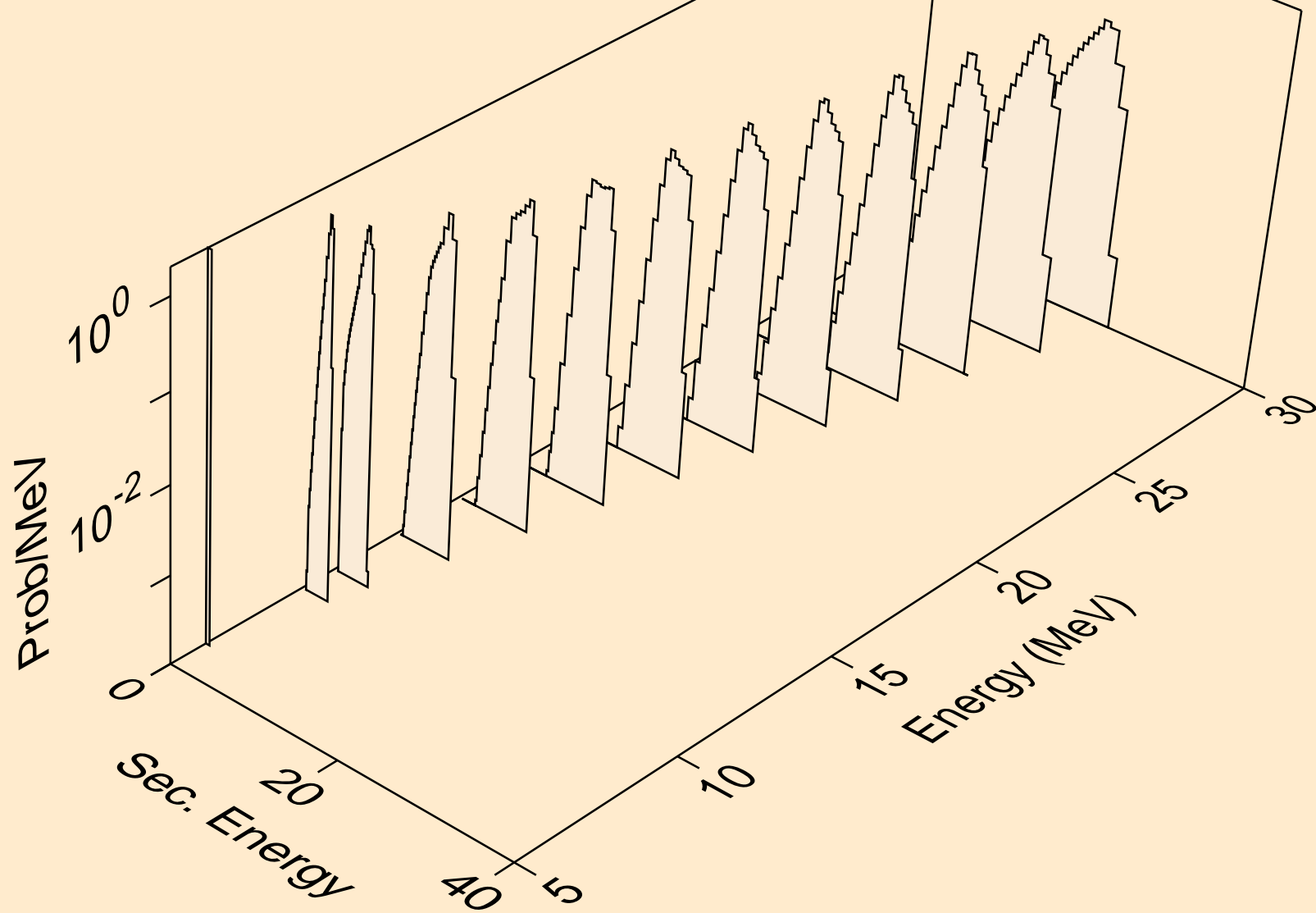
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
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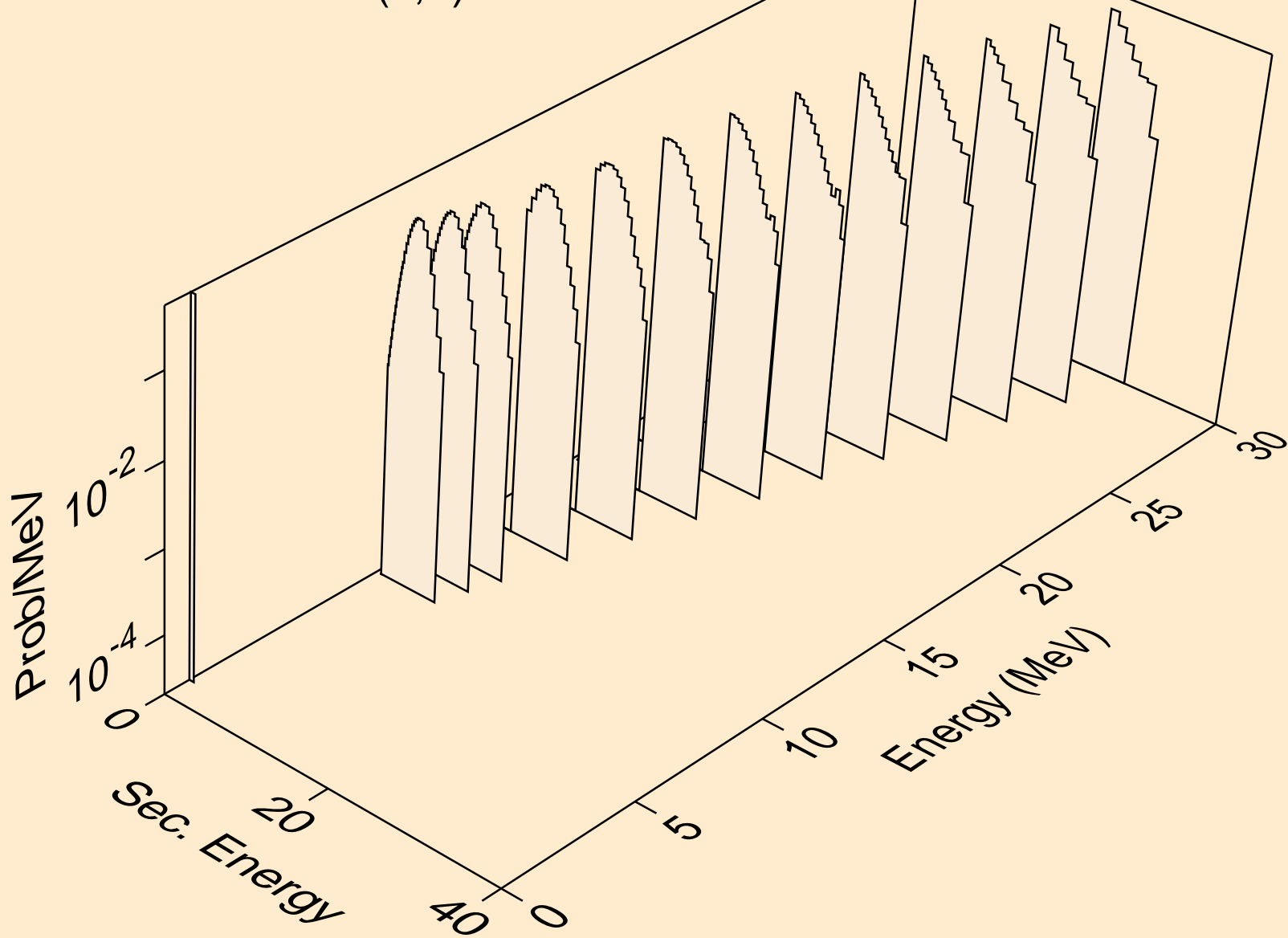
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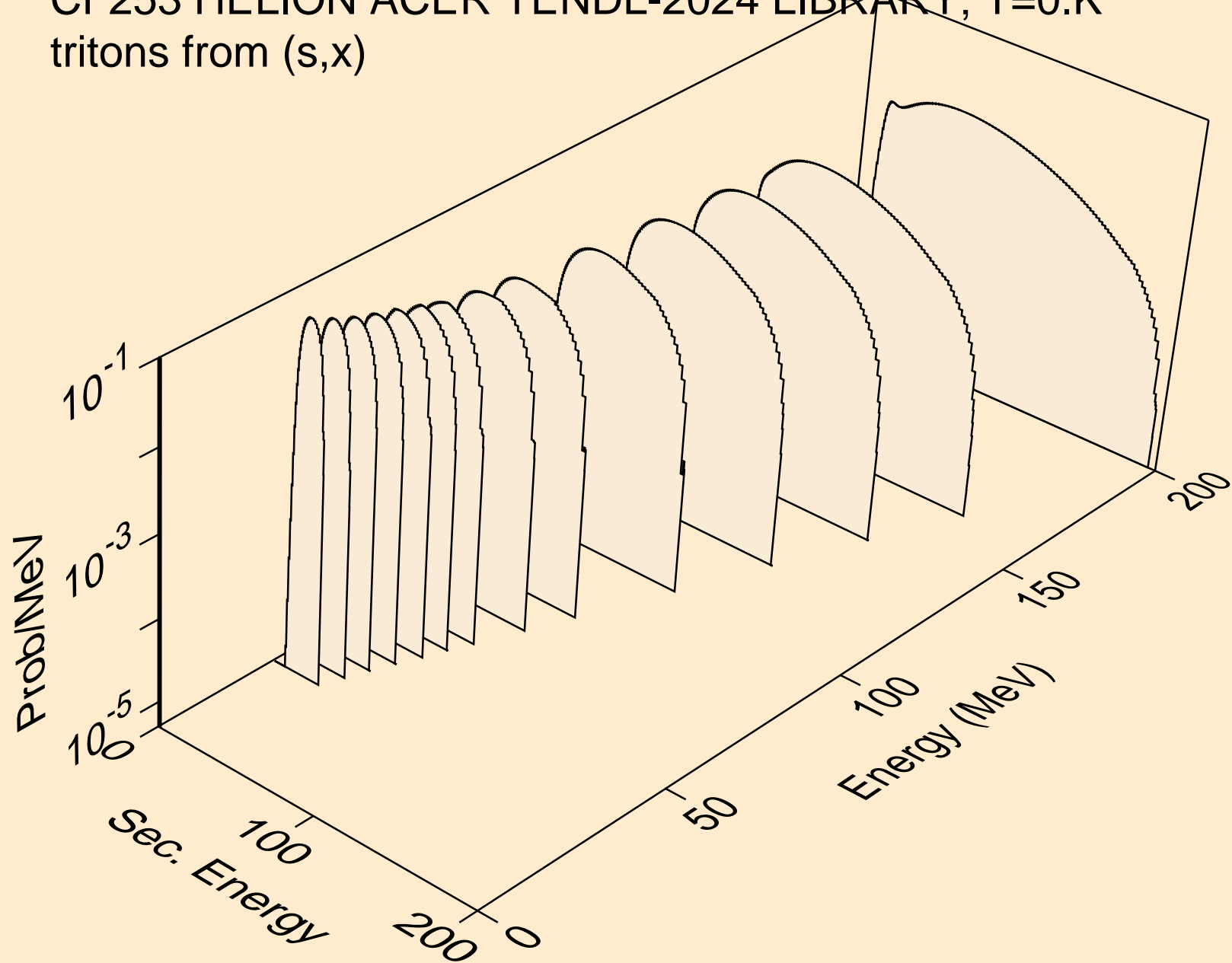
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
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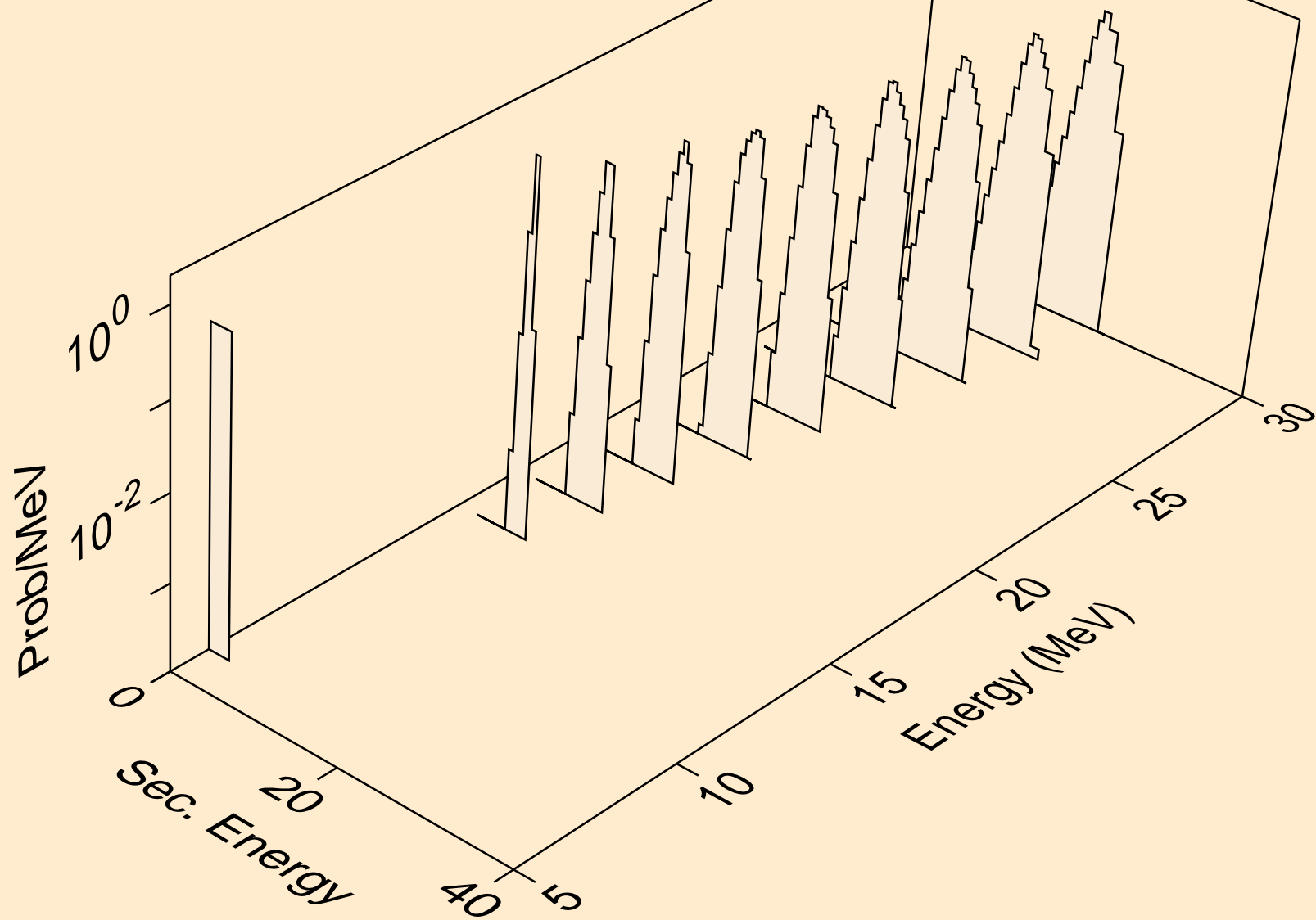
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deuterons from (s,d)



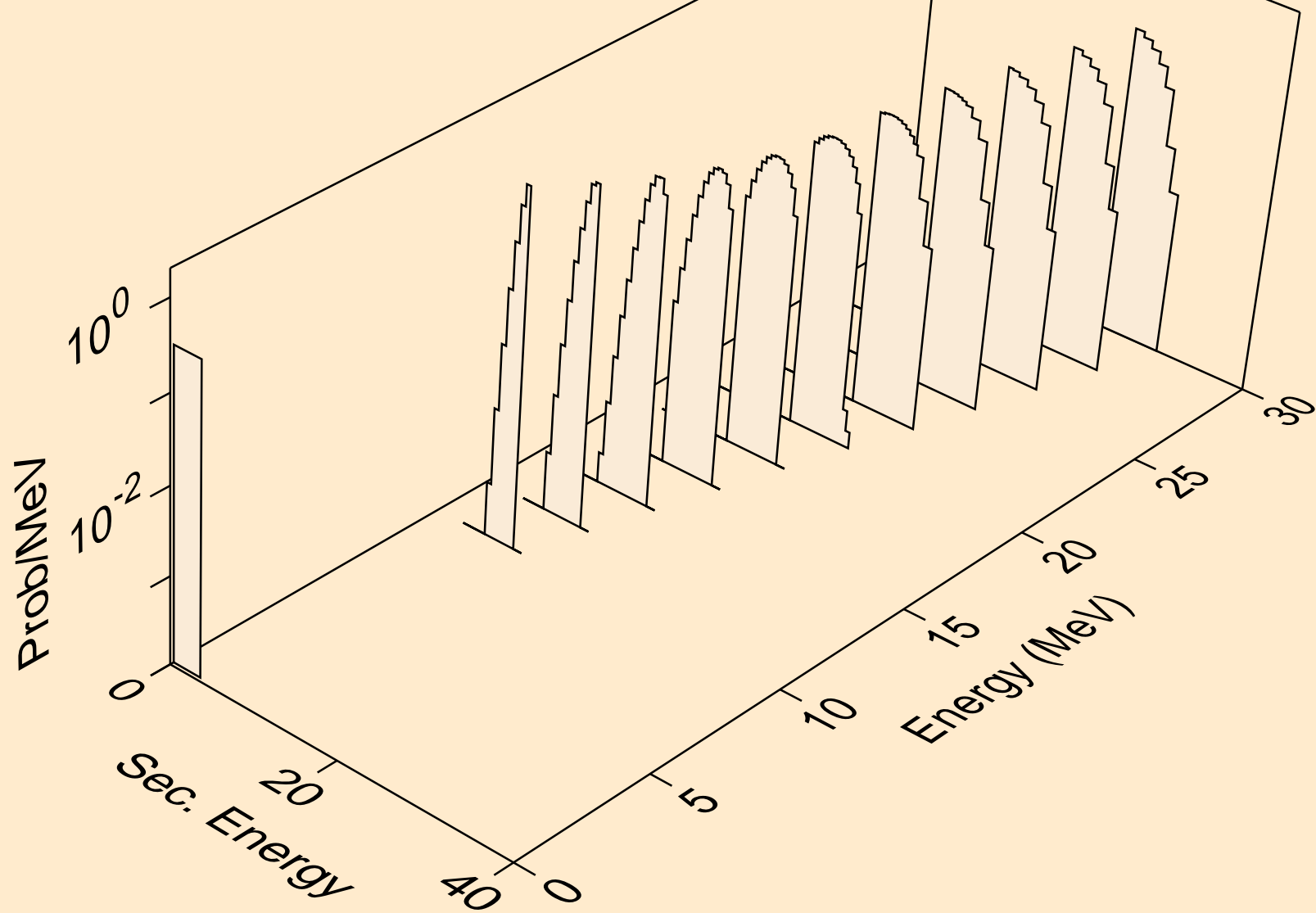
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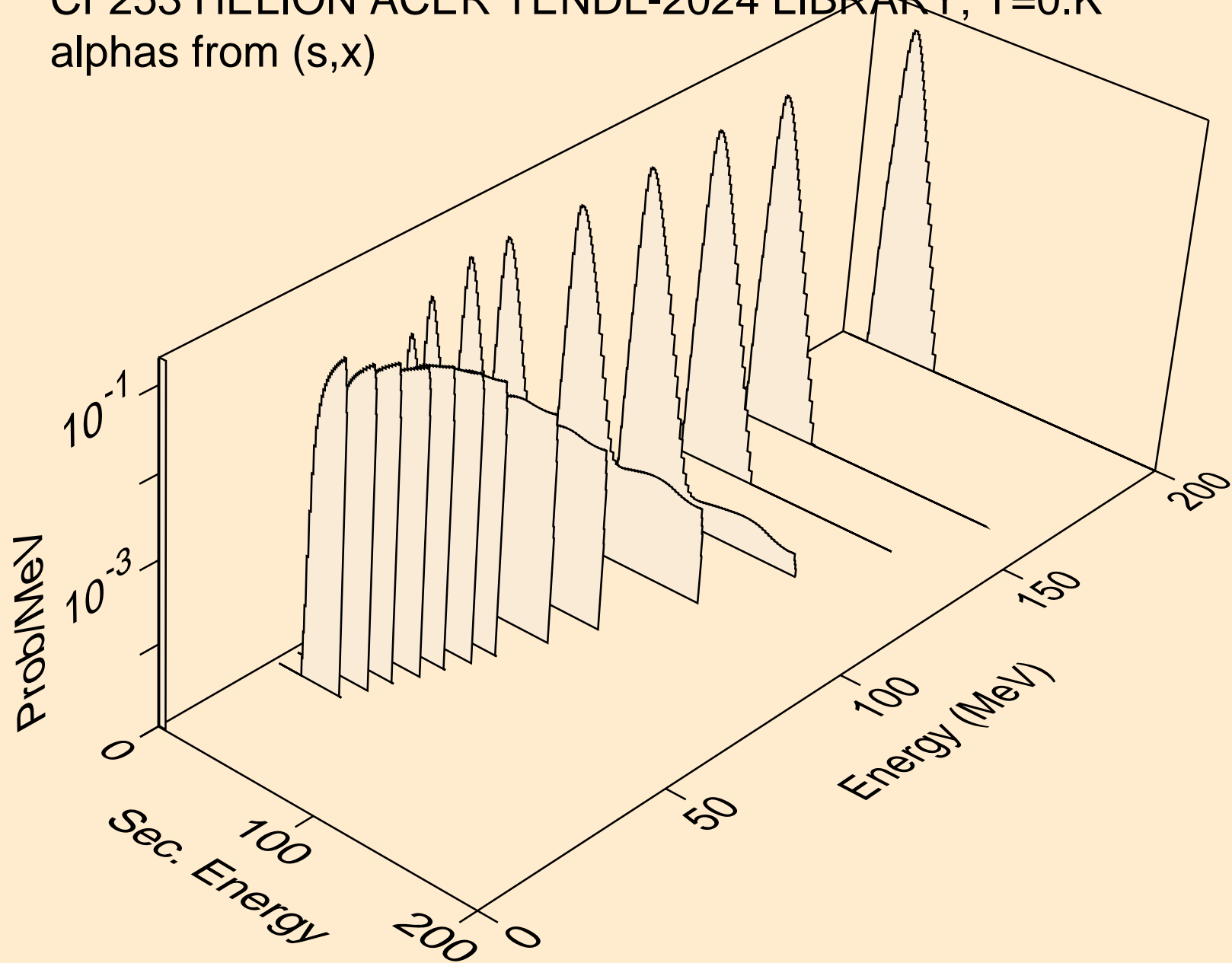
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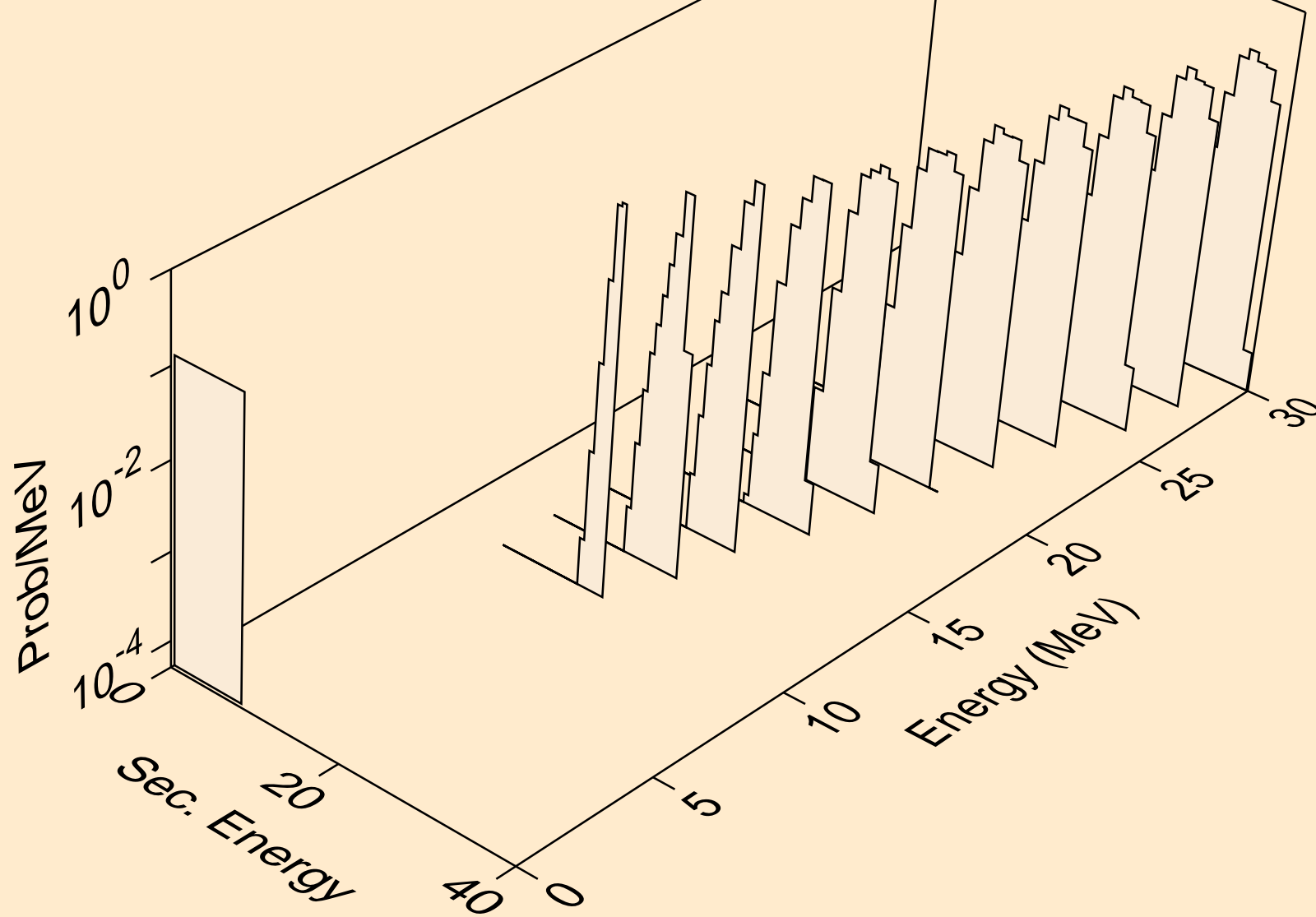
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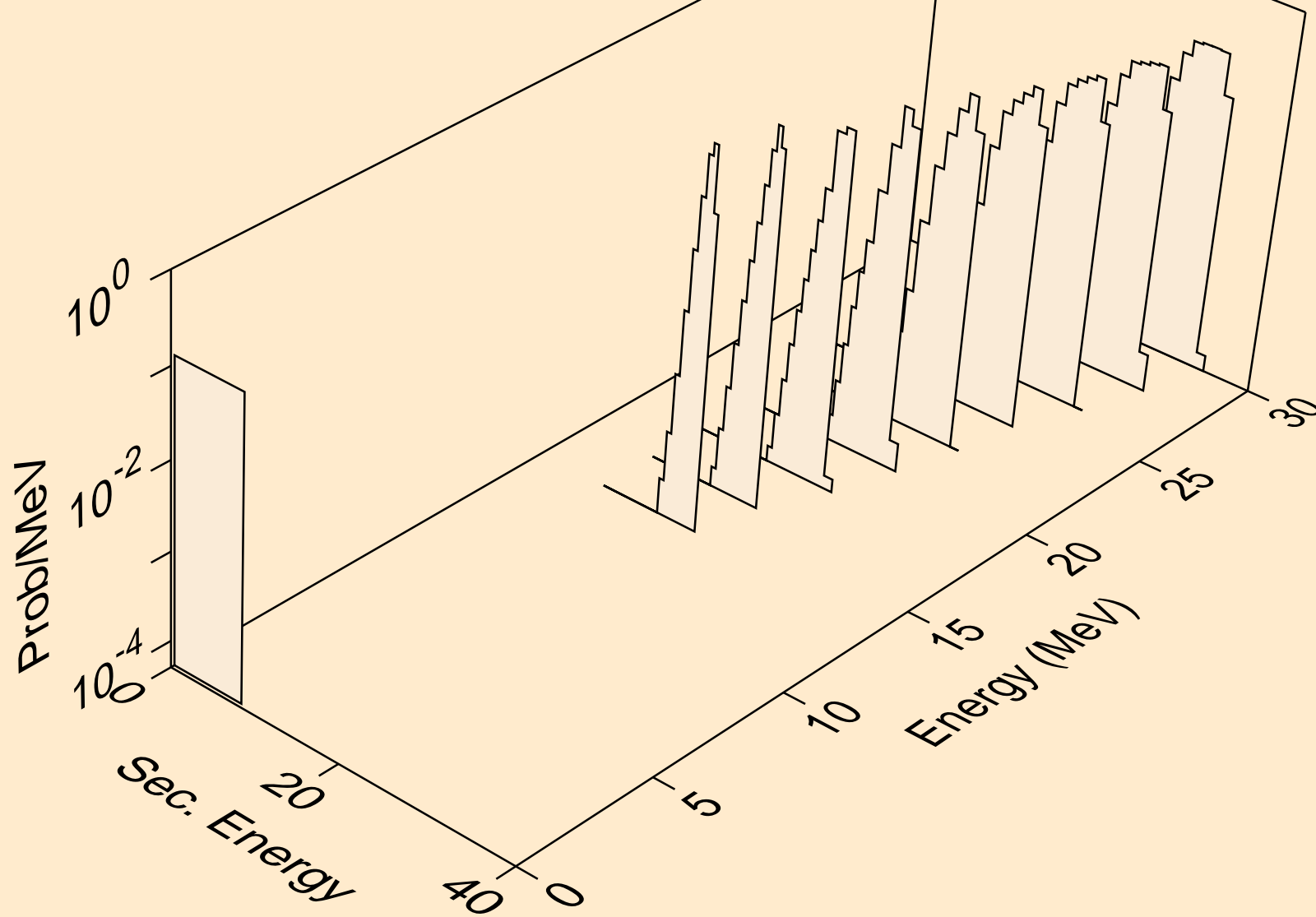
CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



CF253 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)

