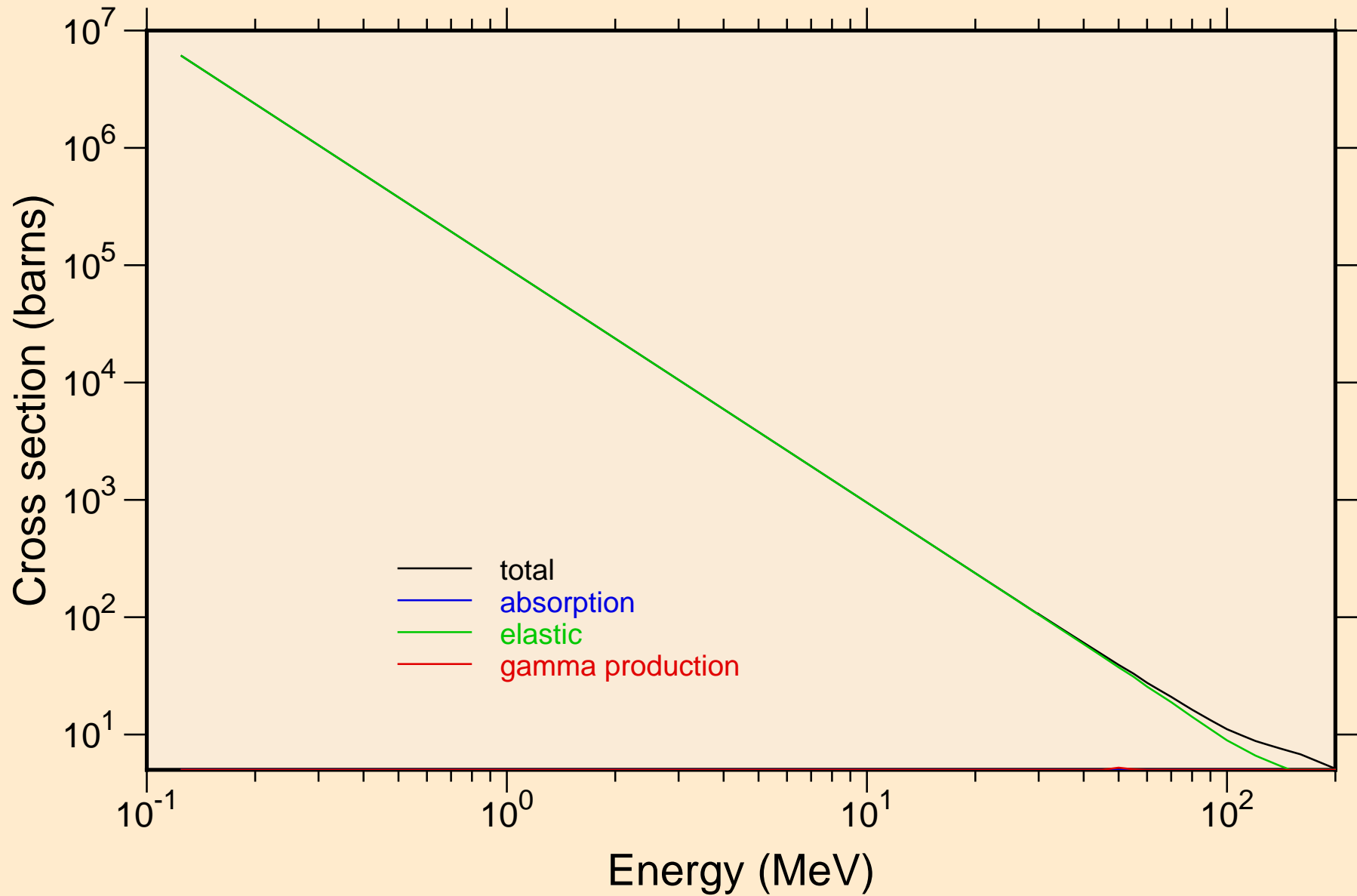
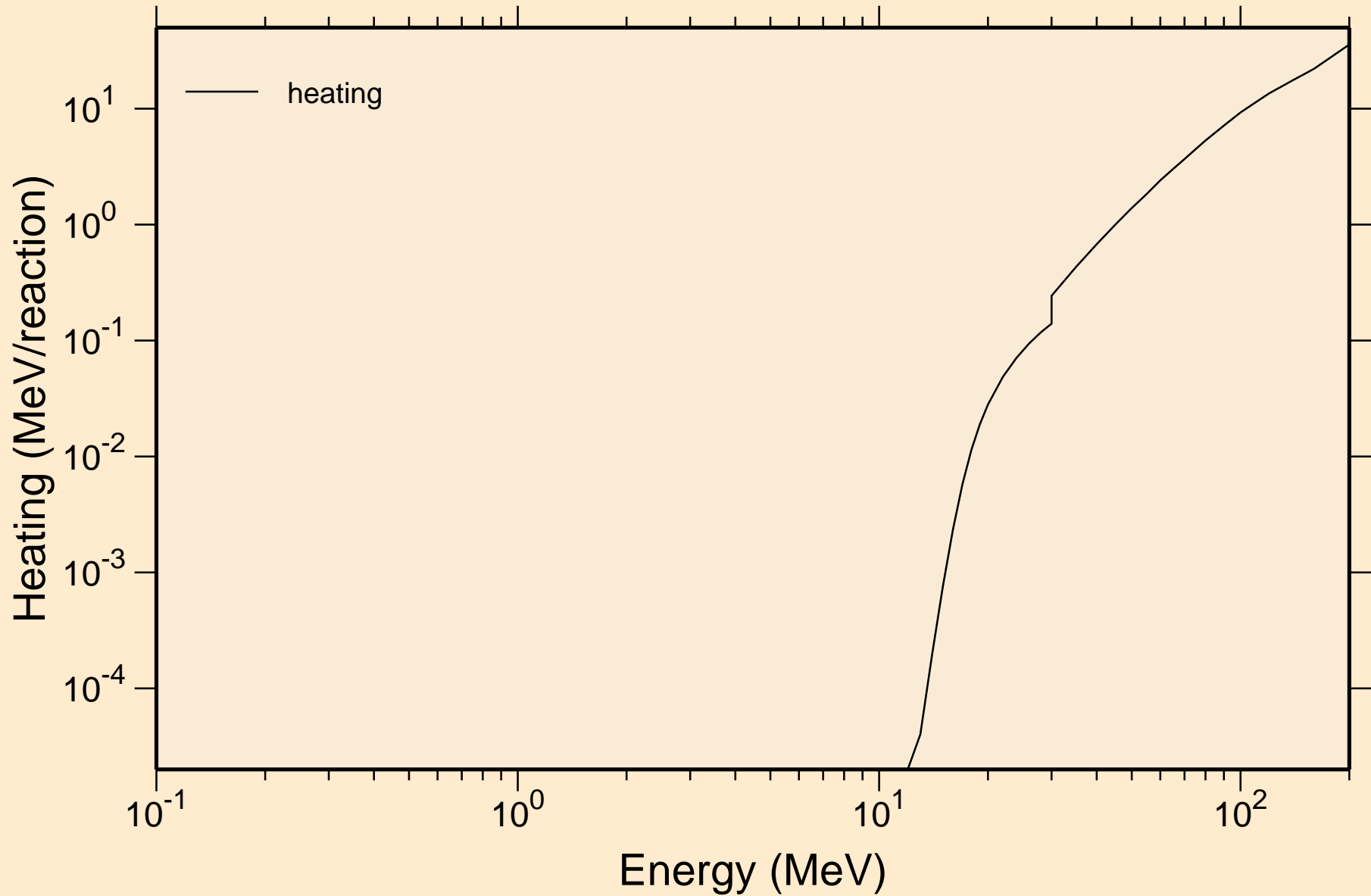


PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



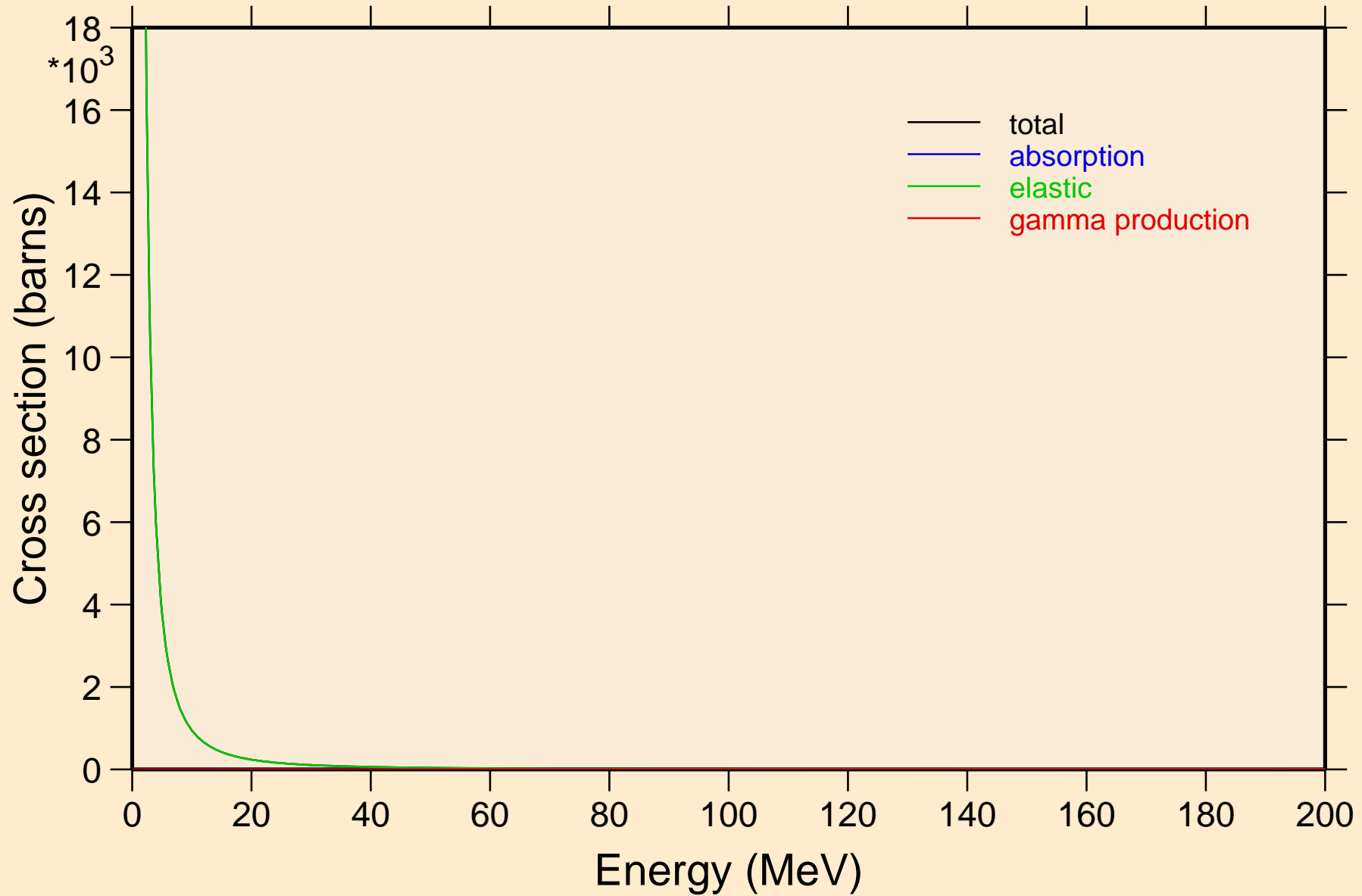
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Heating



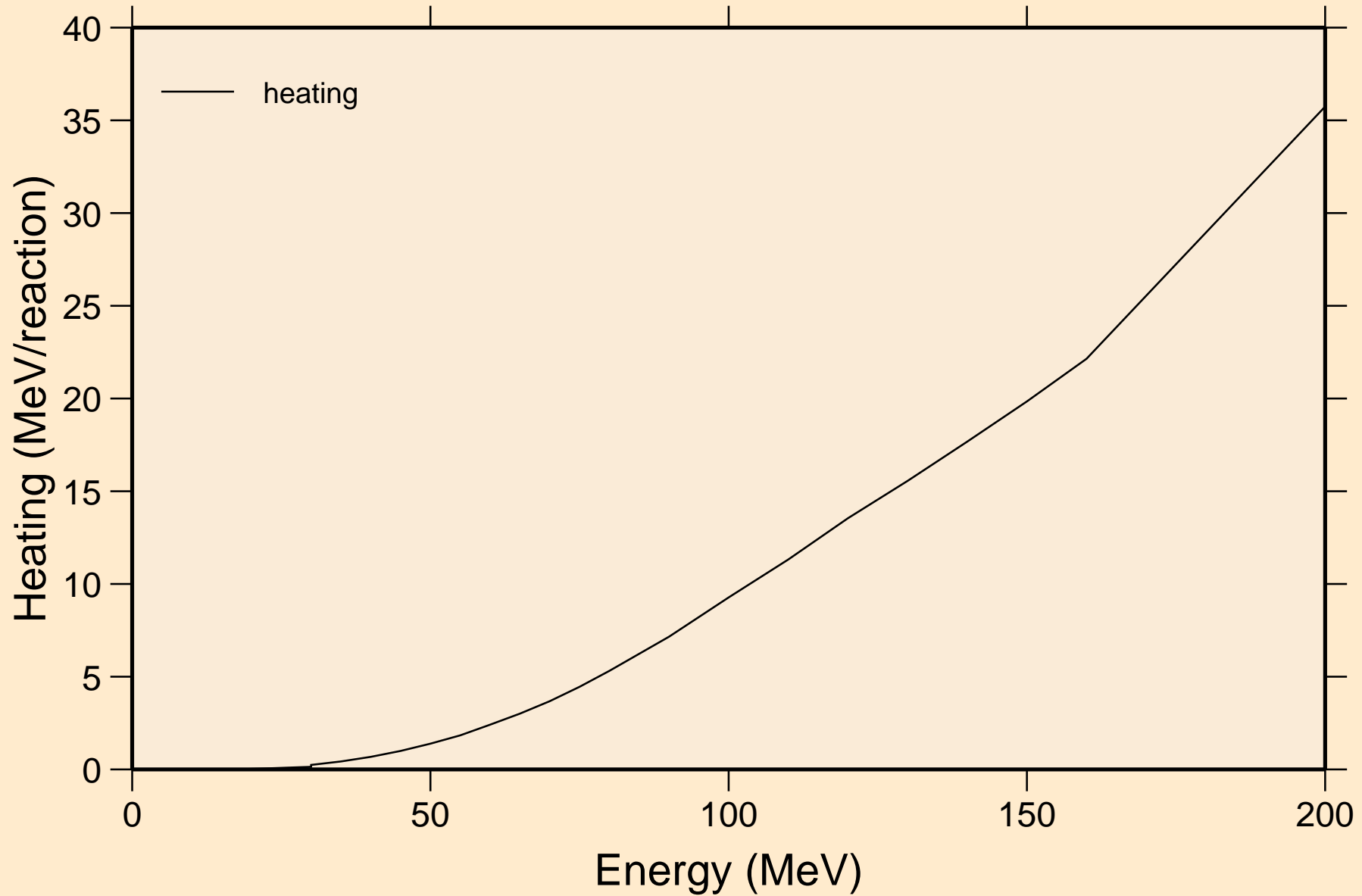
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## Principal cross sections

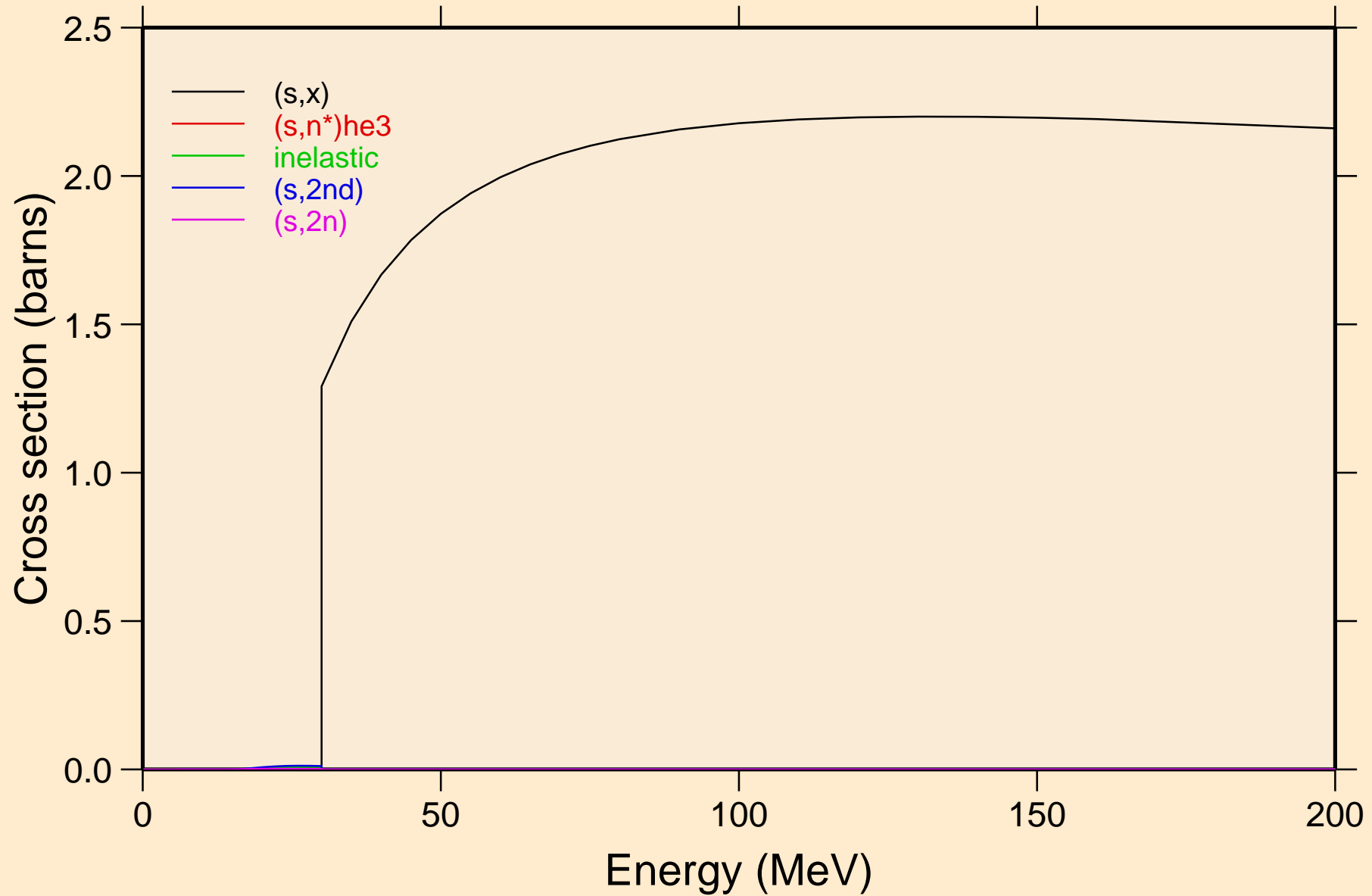


PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K

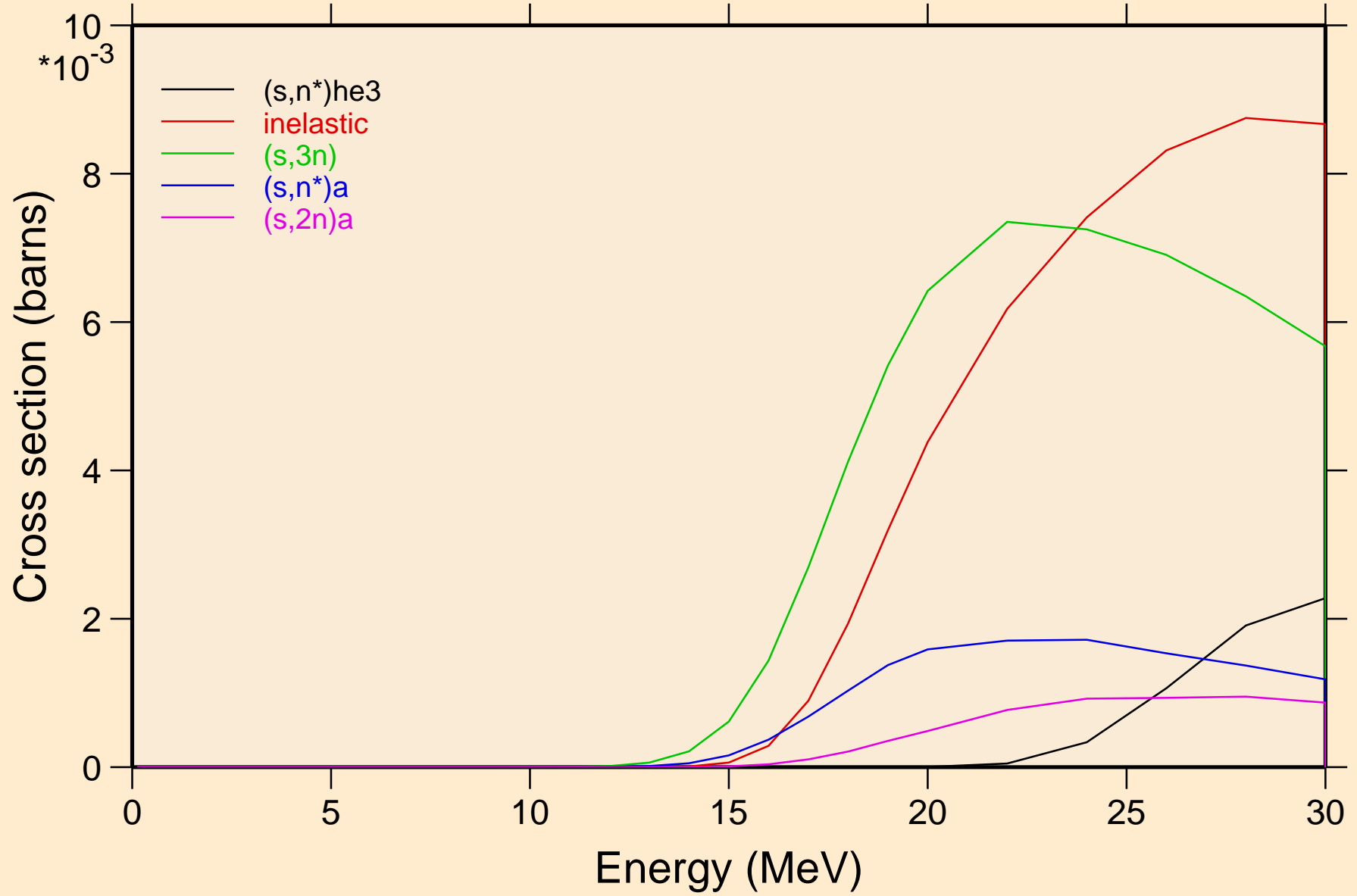
Heating



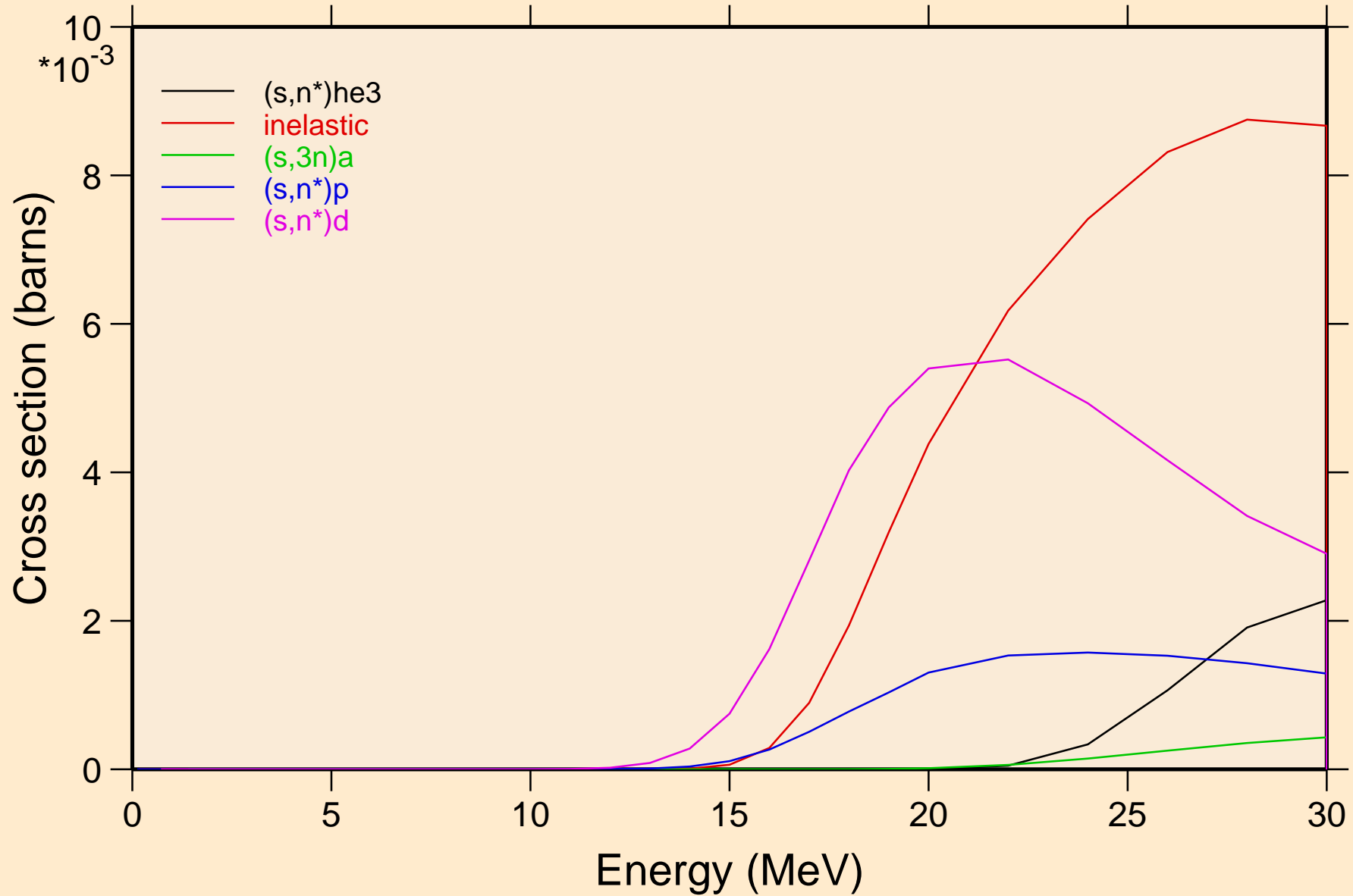
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Threshold reactions



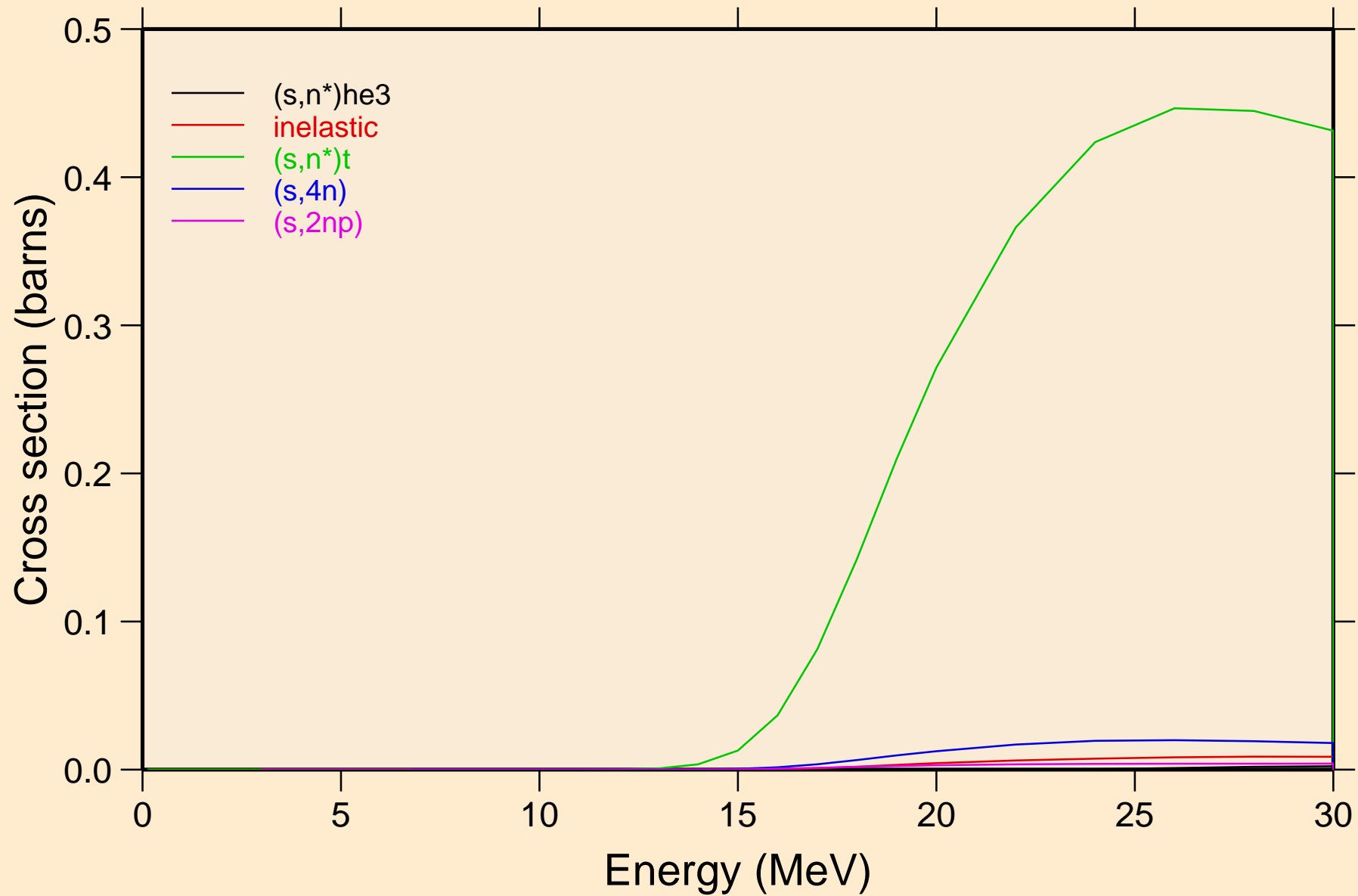
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Threshold reactions



PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

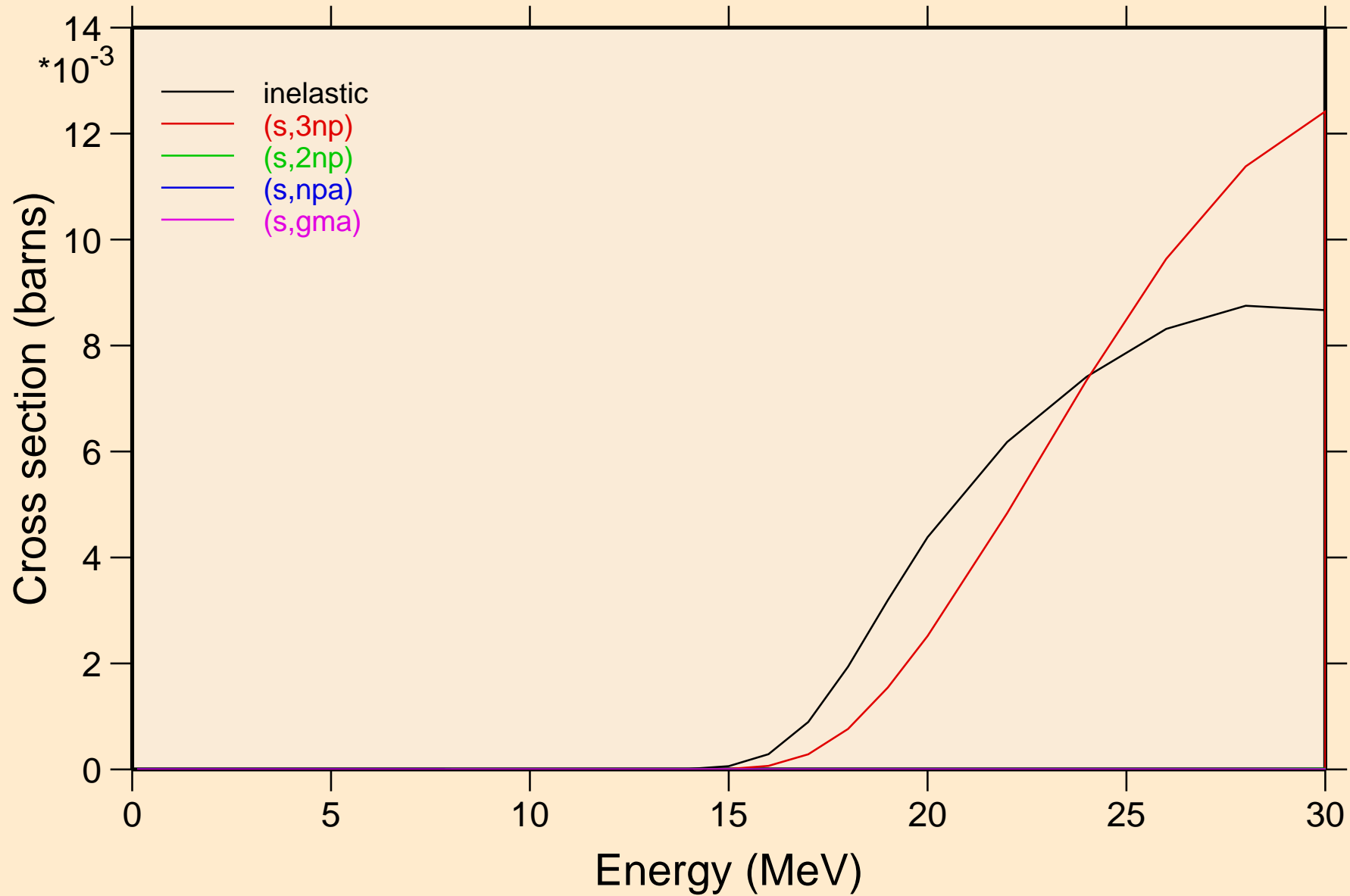


PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

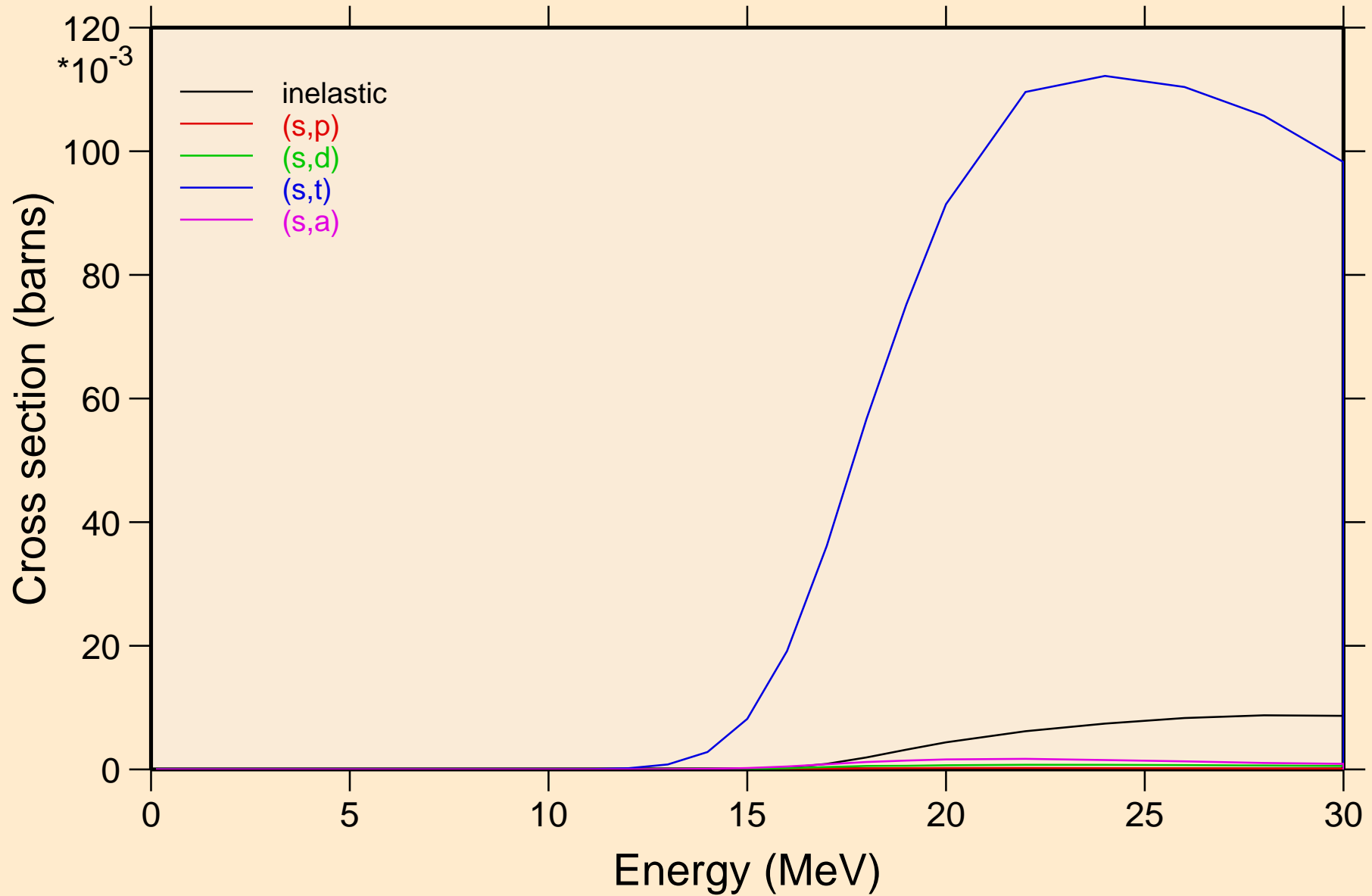




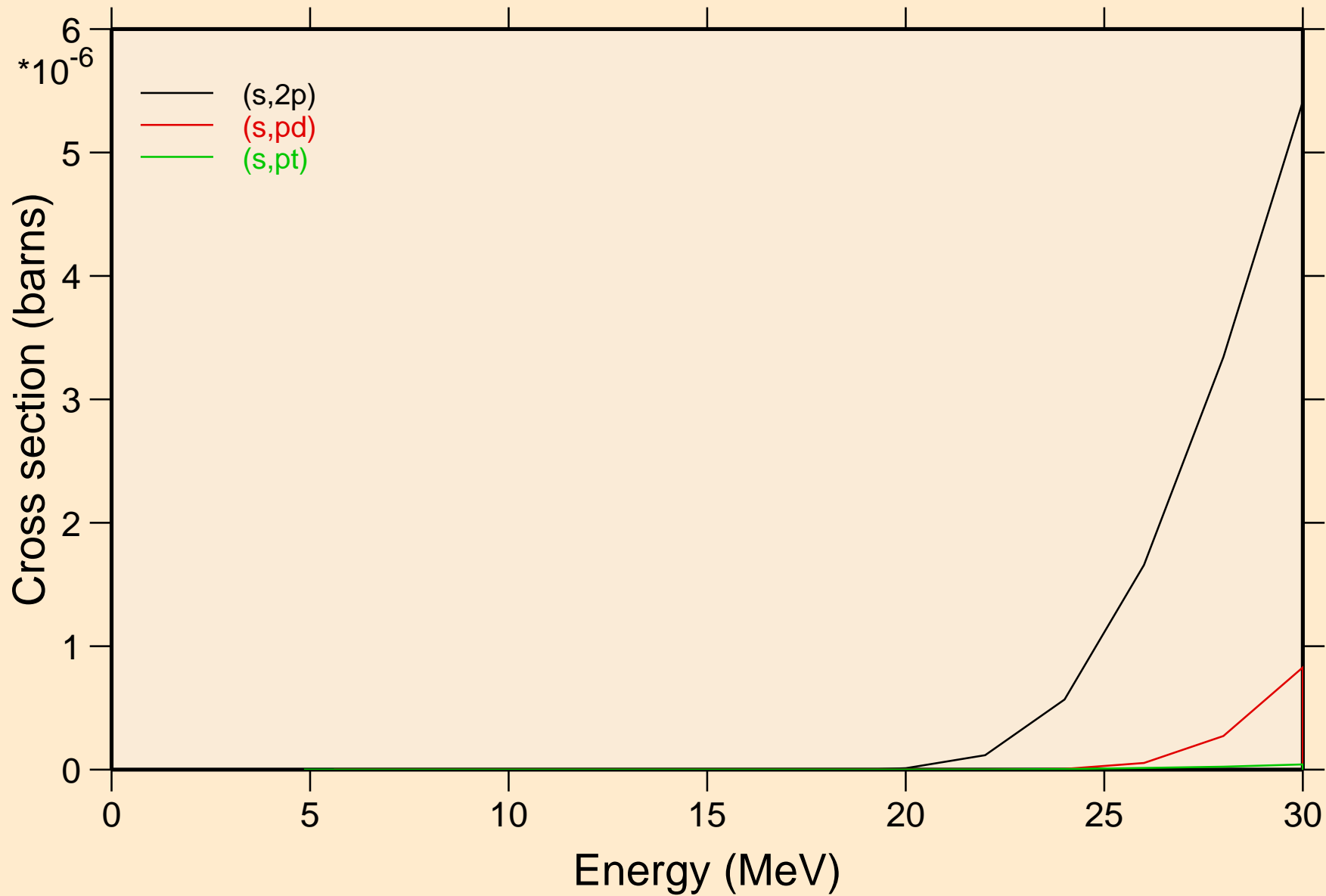
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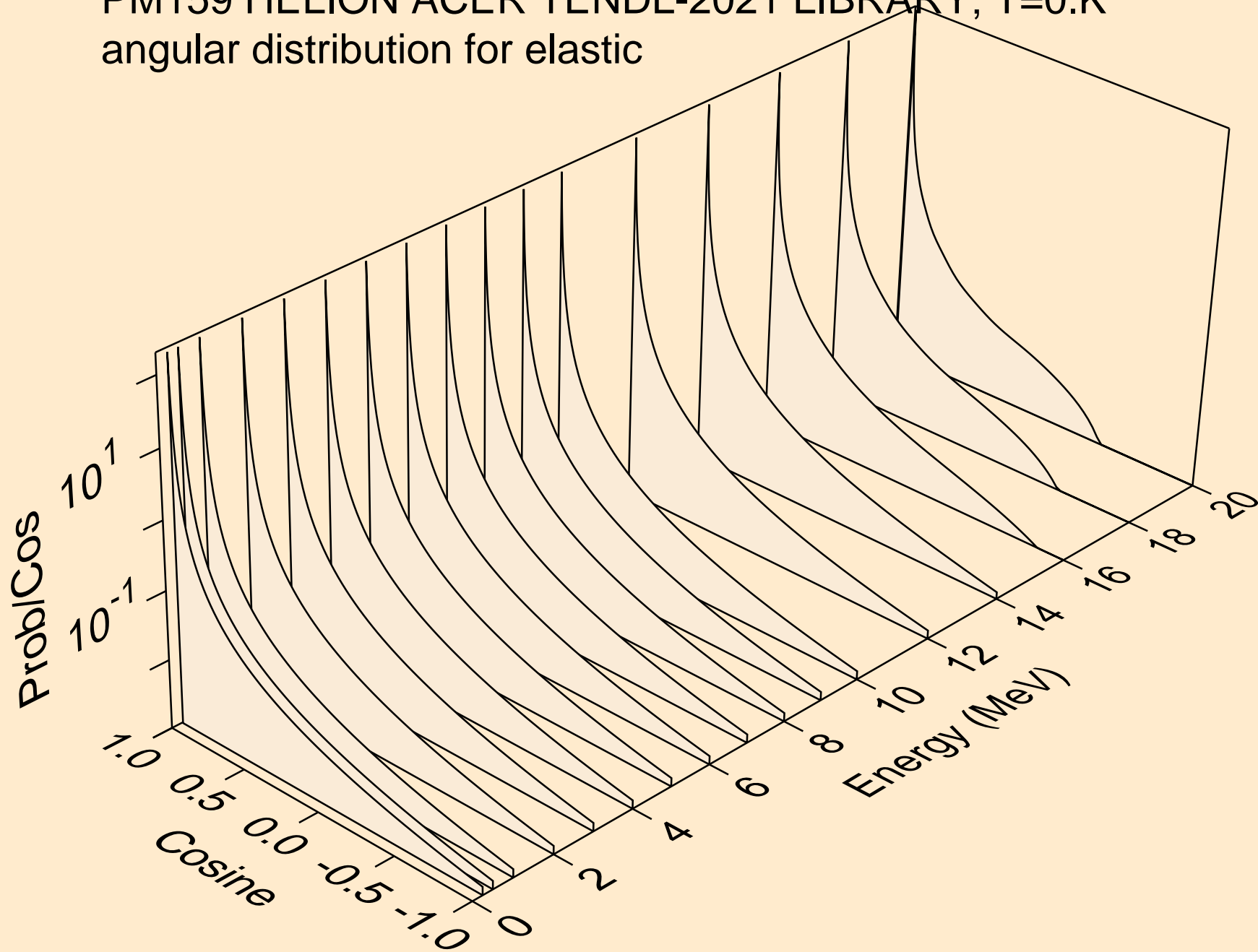
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Threshold reactions



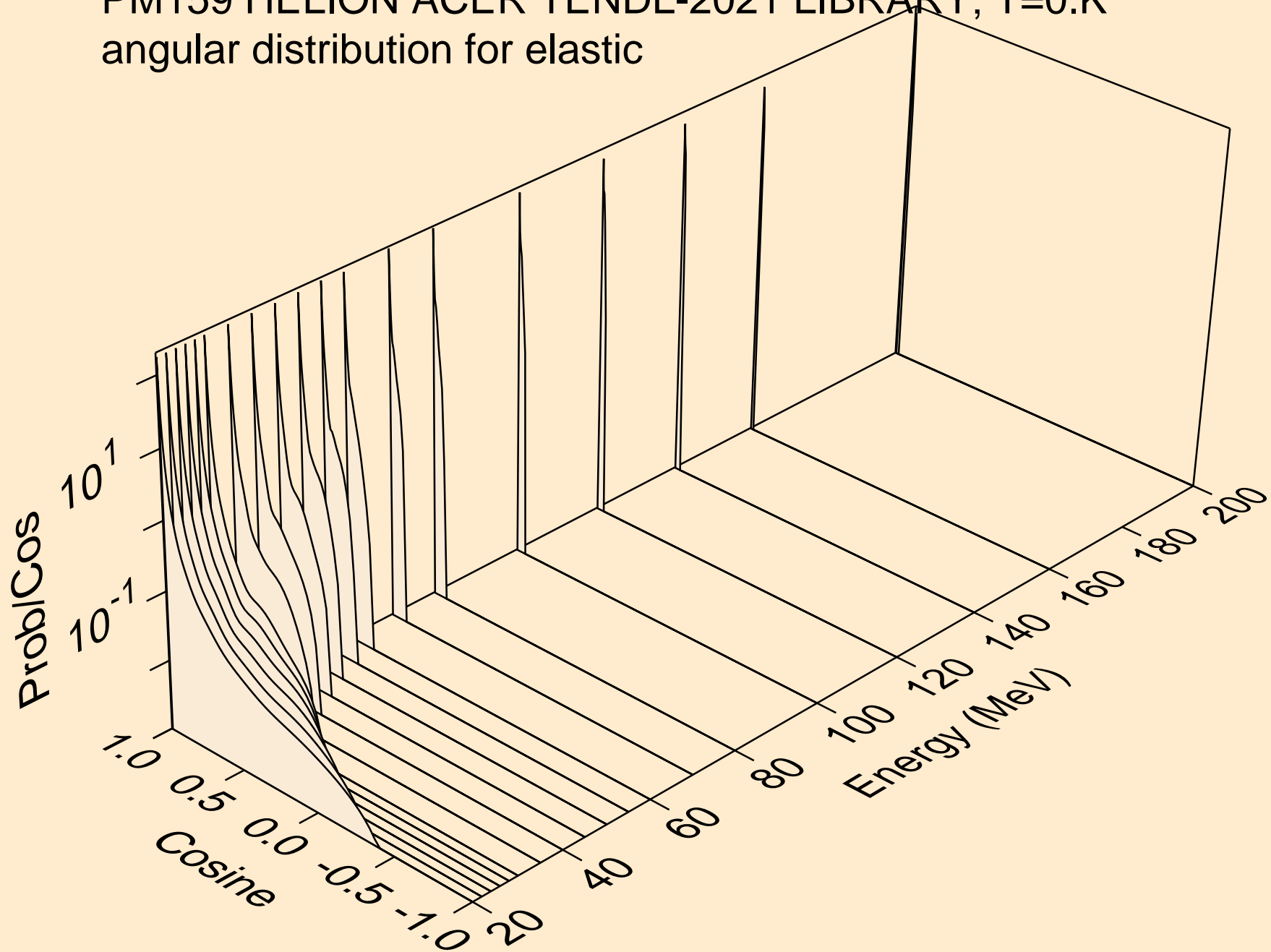
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Threshold reactions



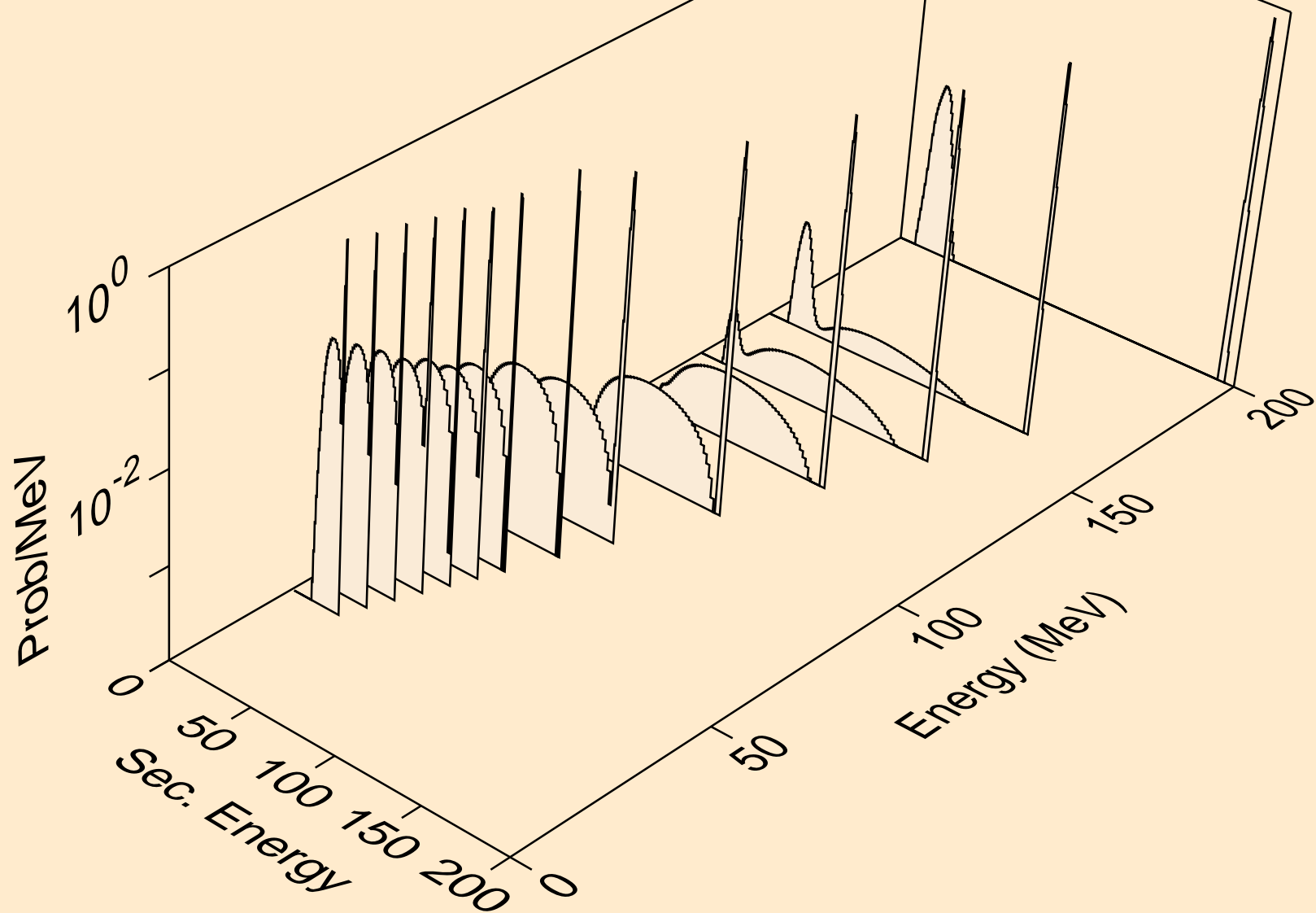
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



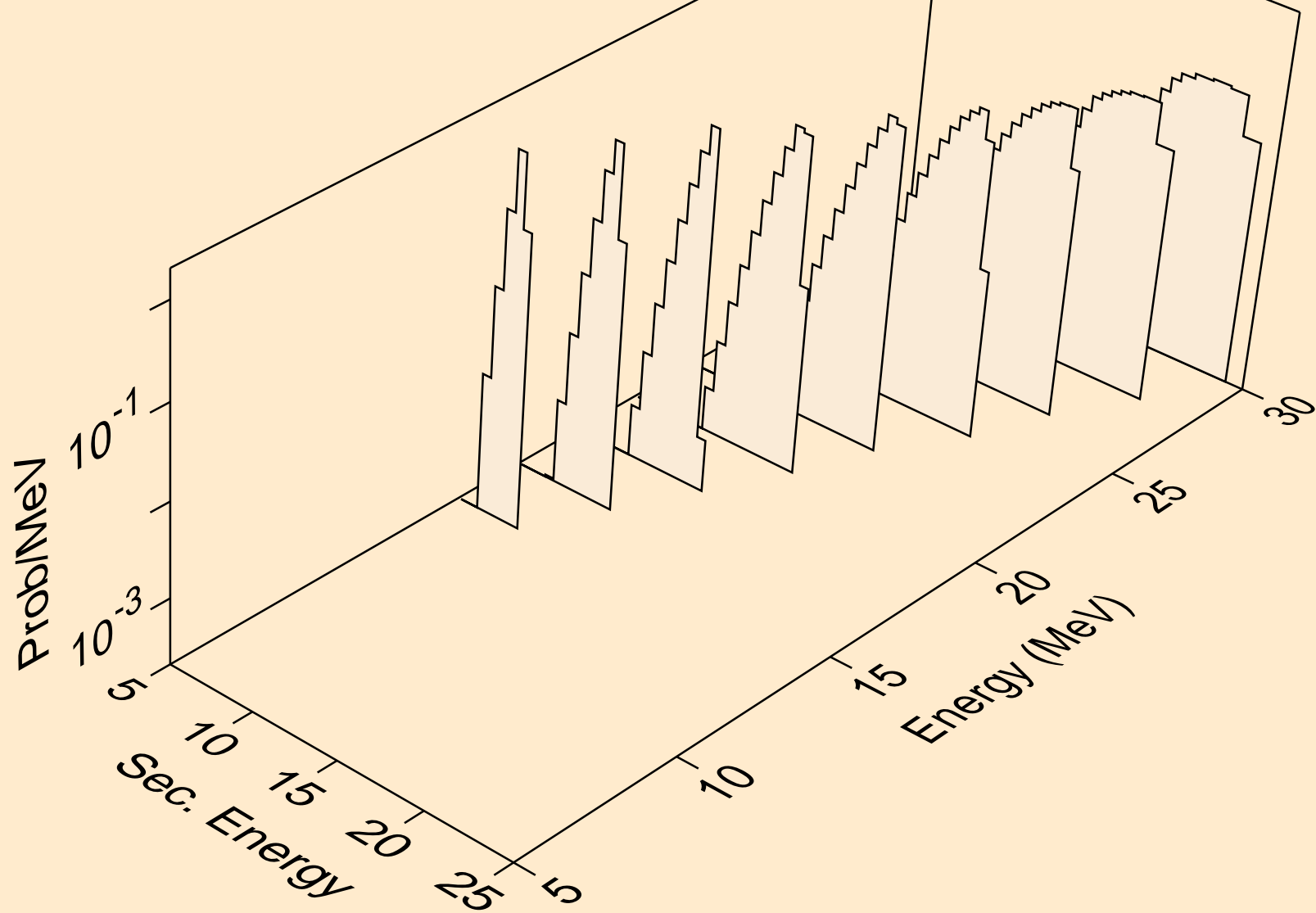
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angular distribution for elastic



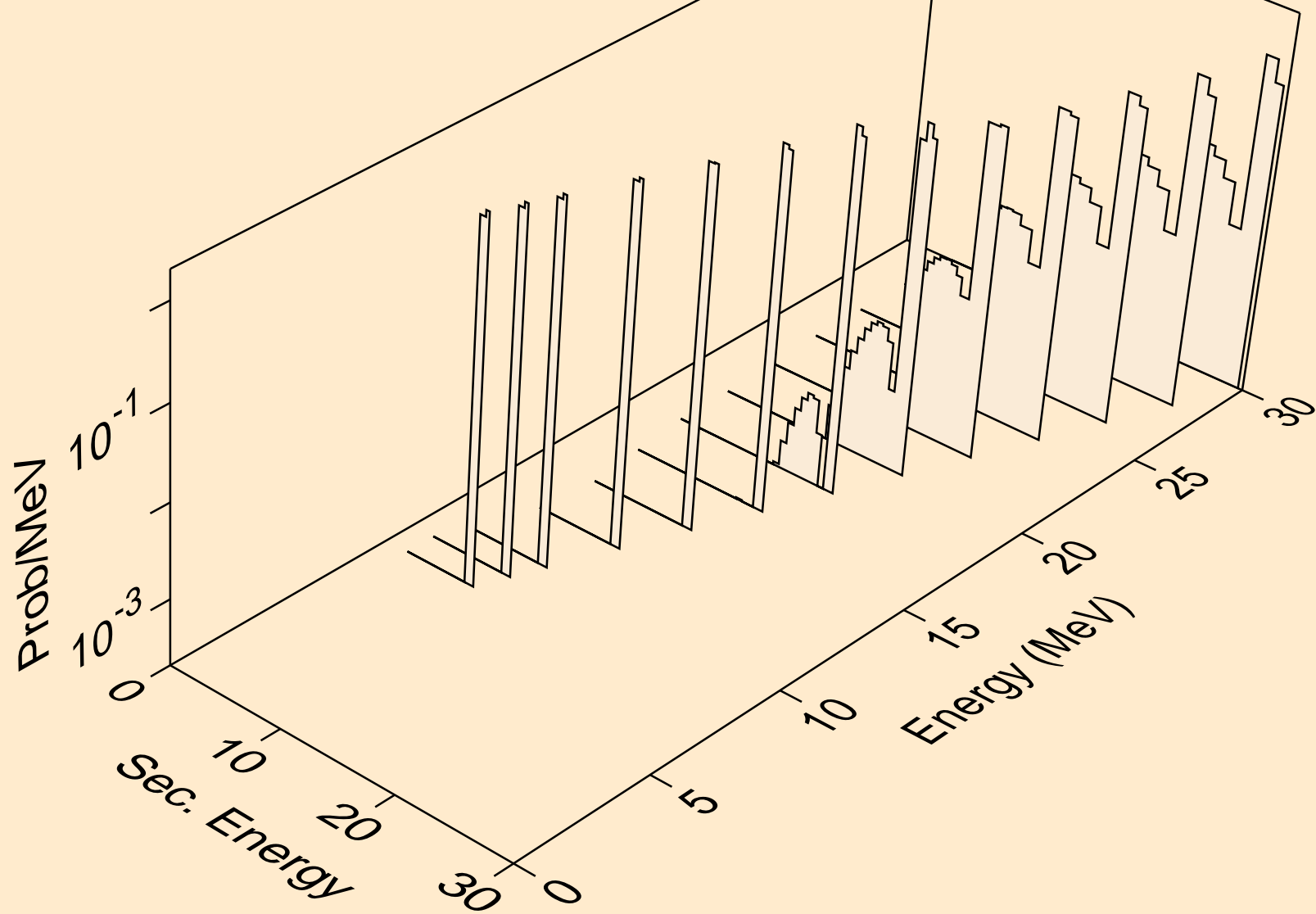
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

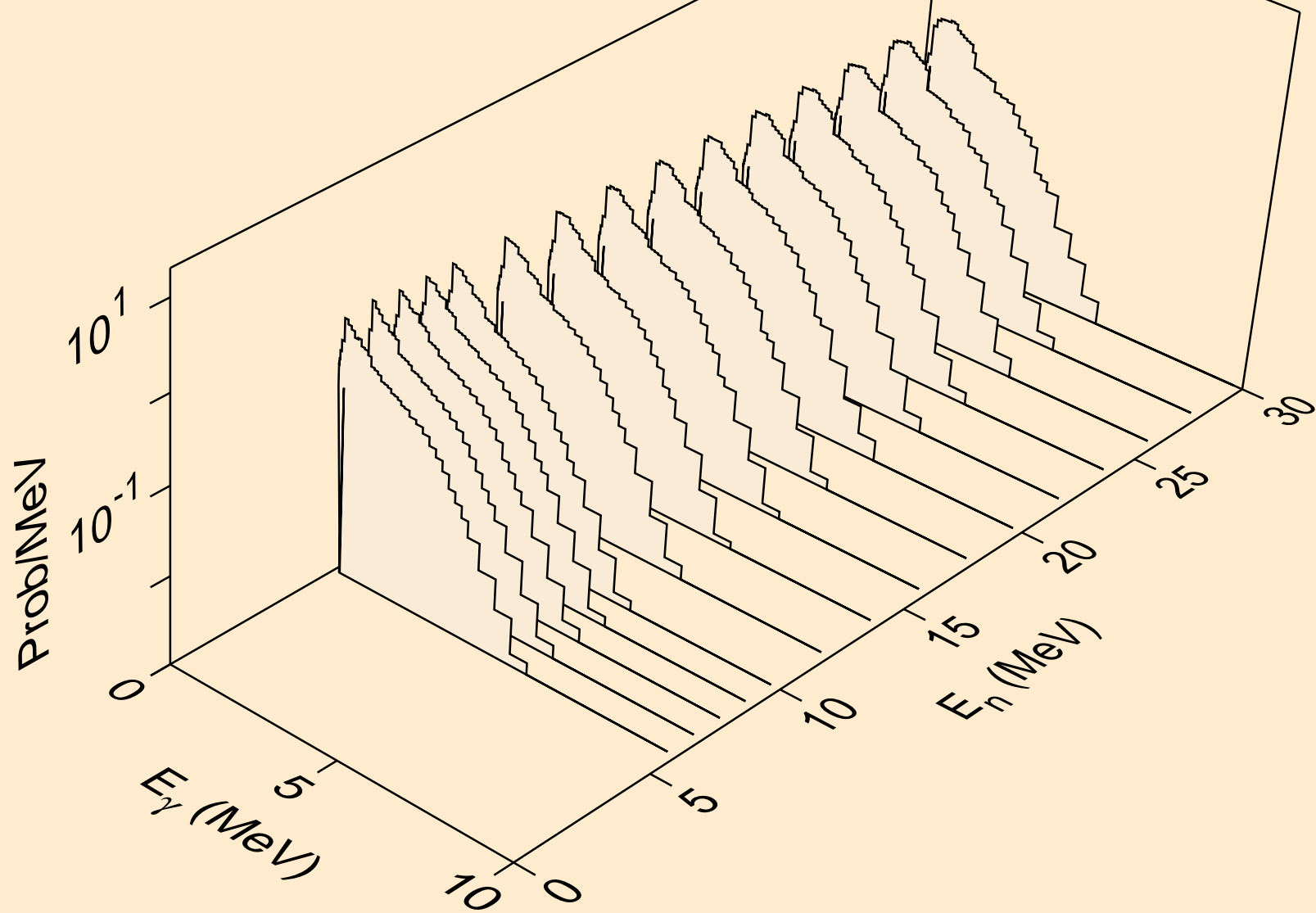


PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

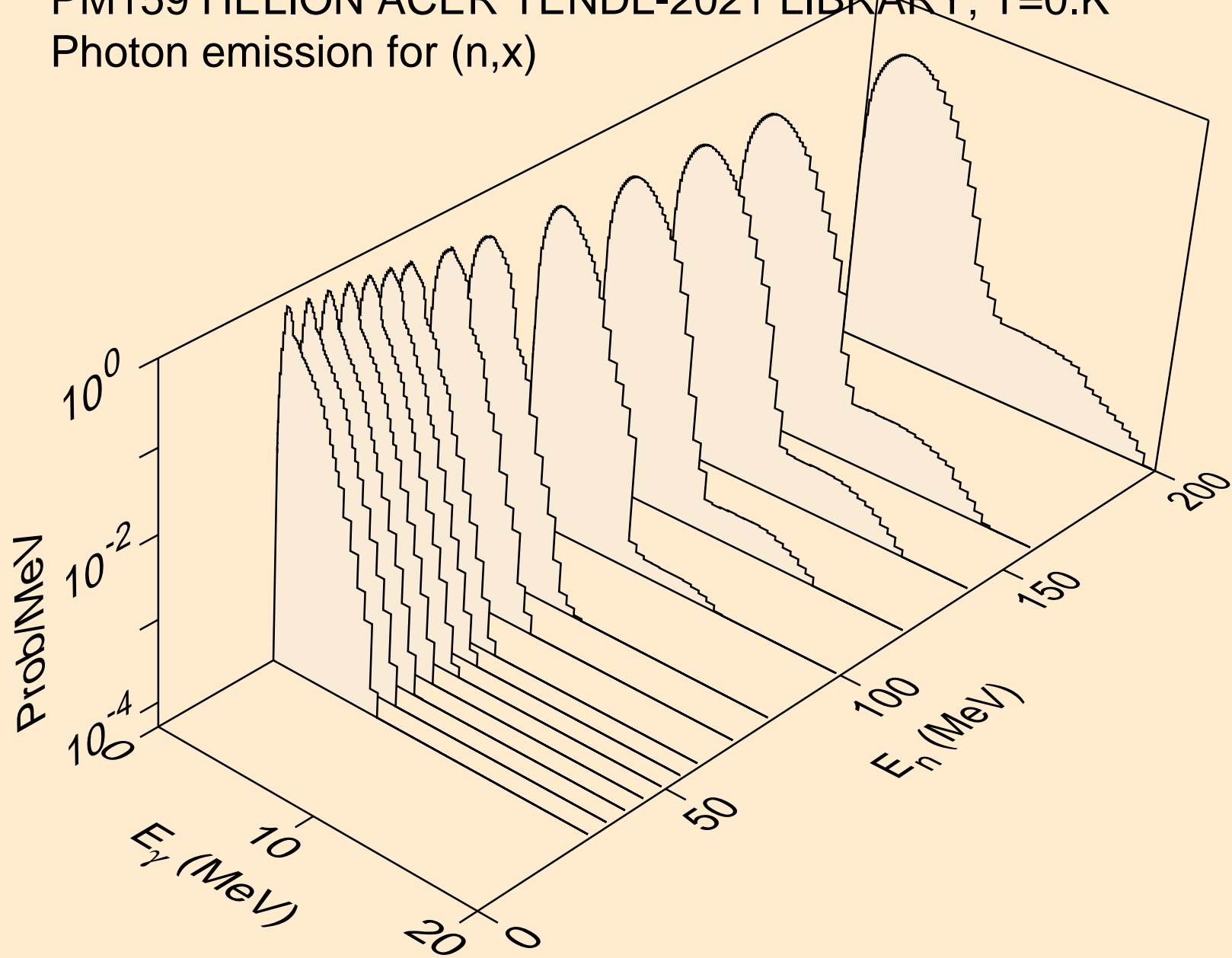




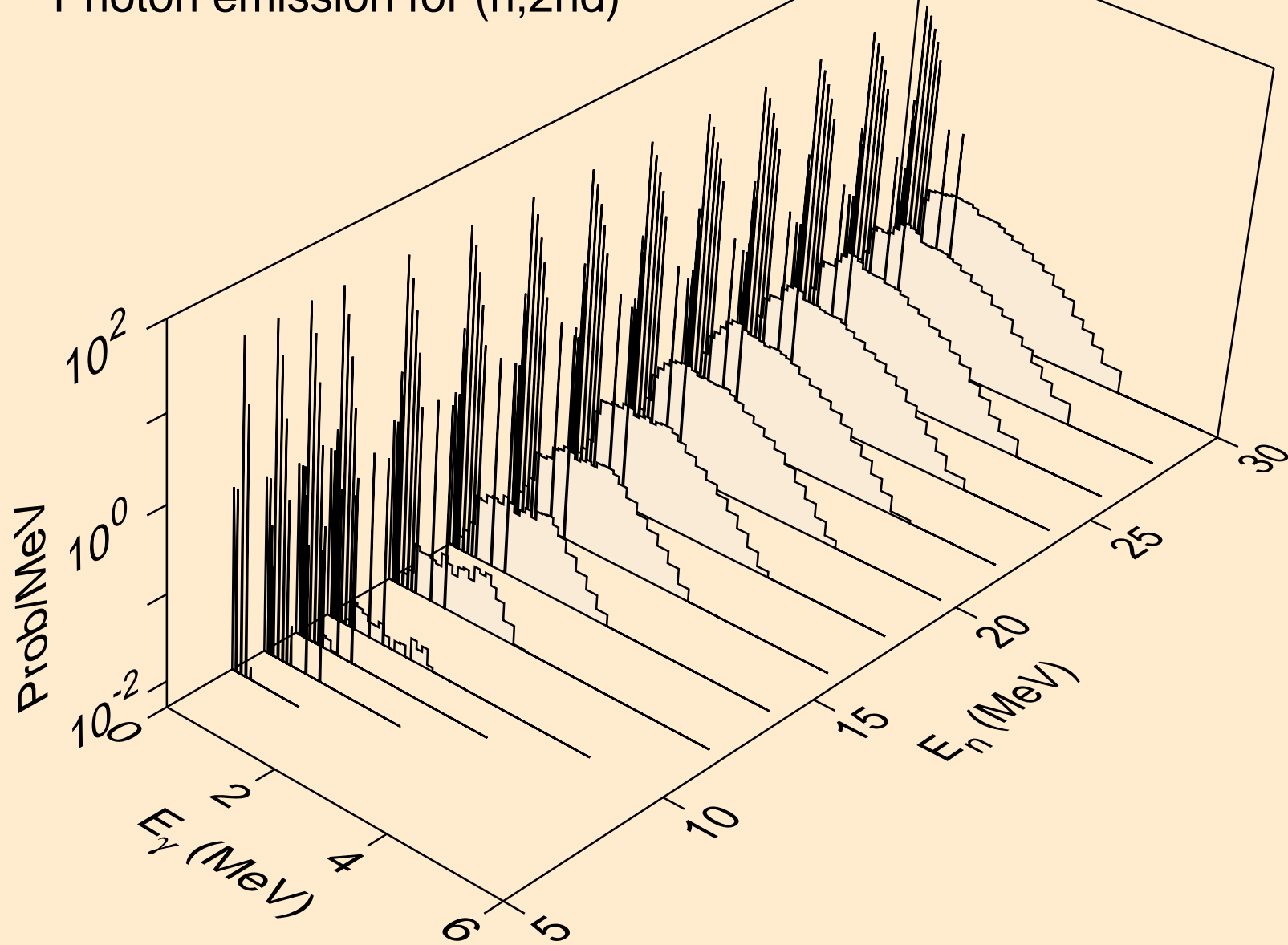
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



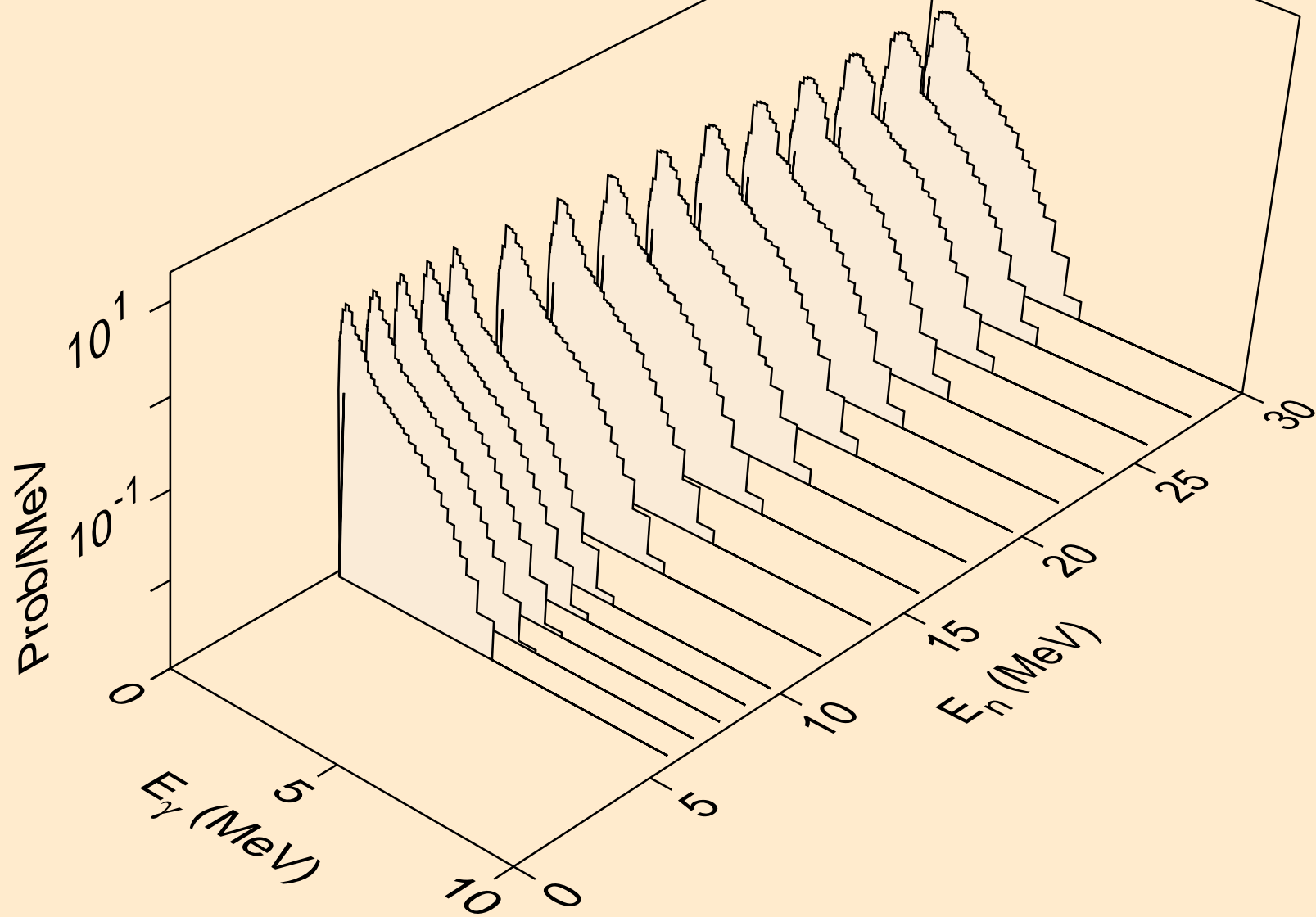
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Photon emission for (n,x)



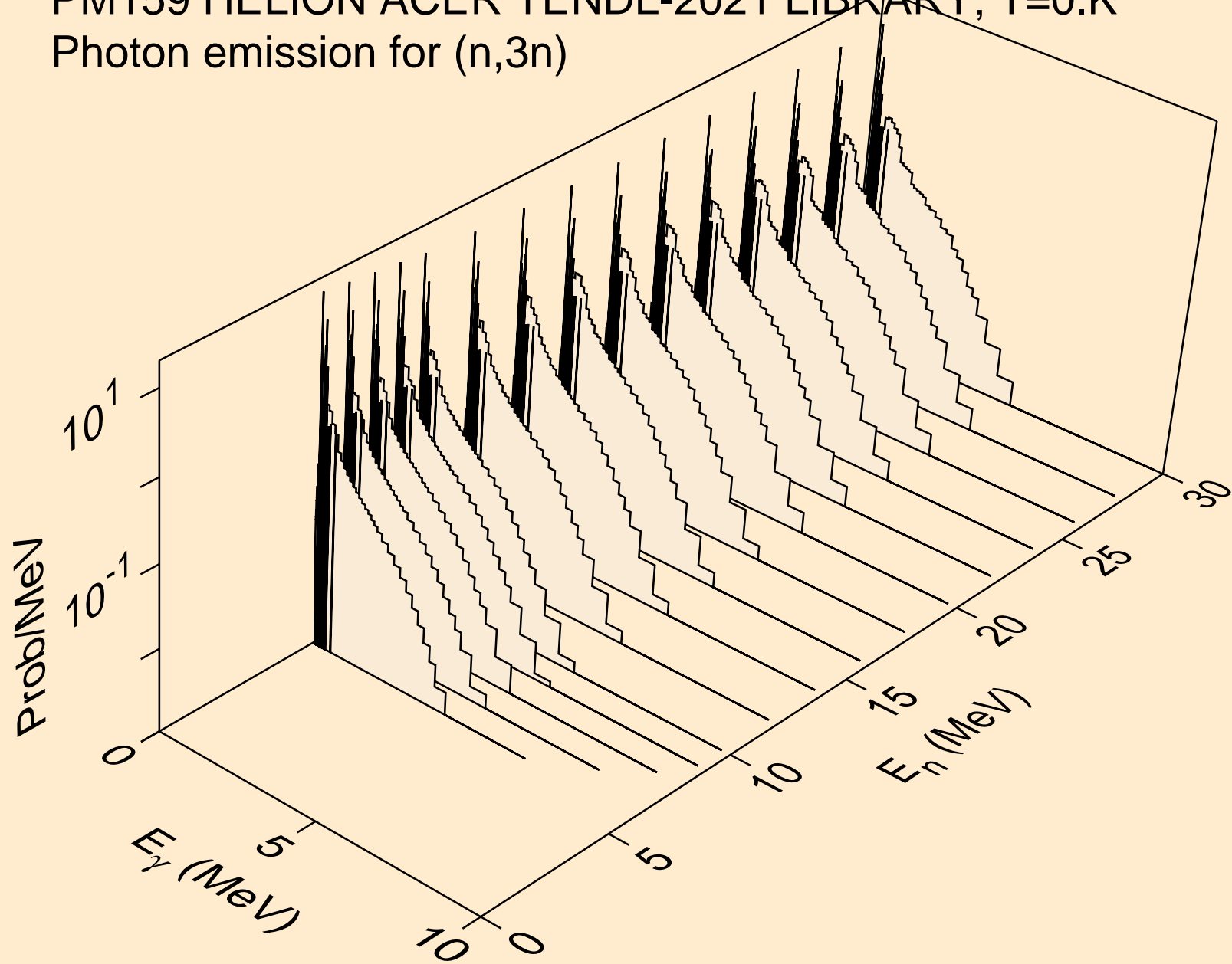
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Photon emission for (n,2nd)



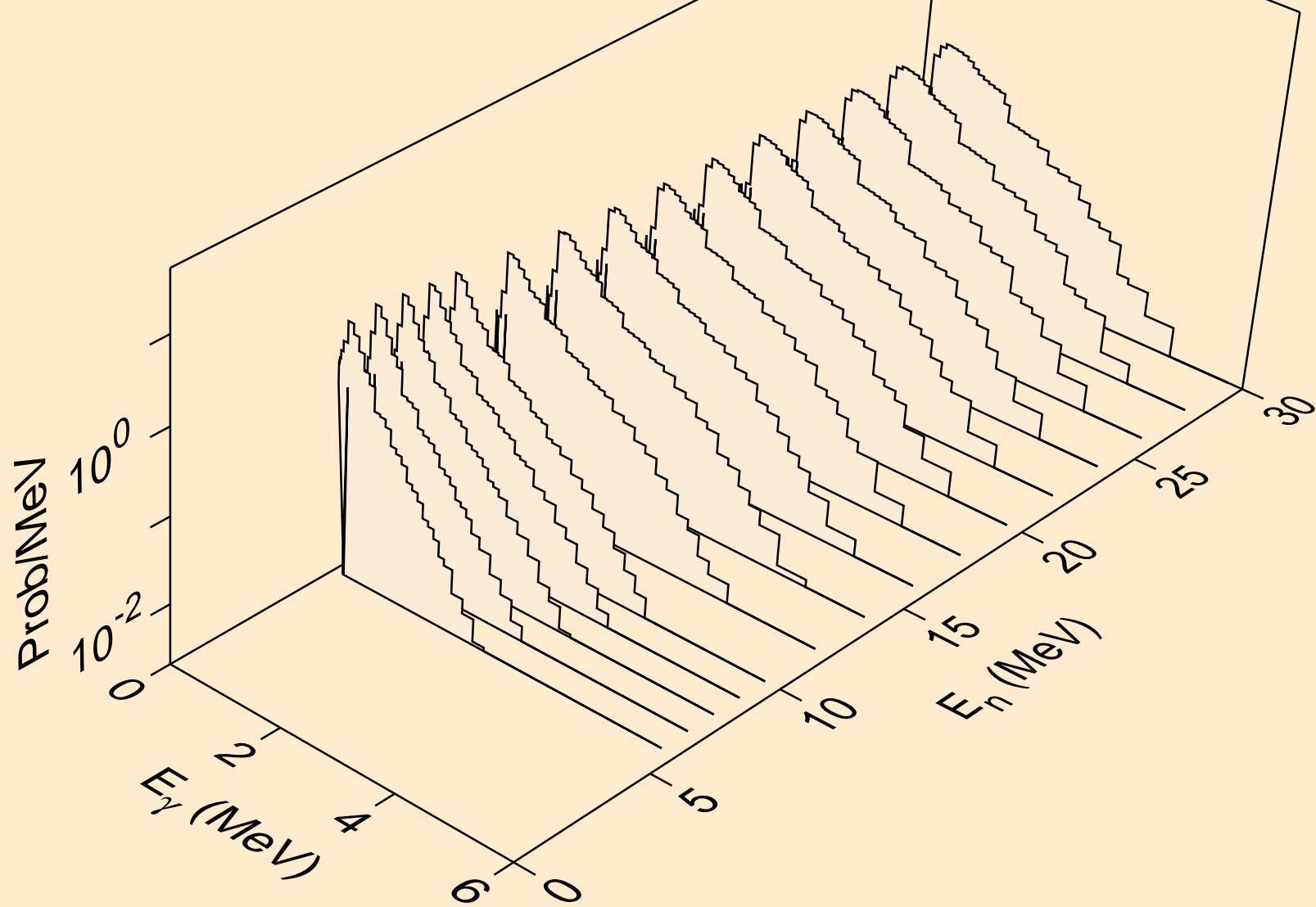
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



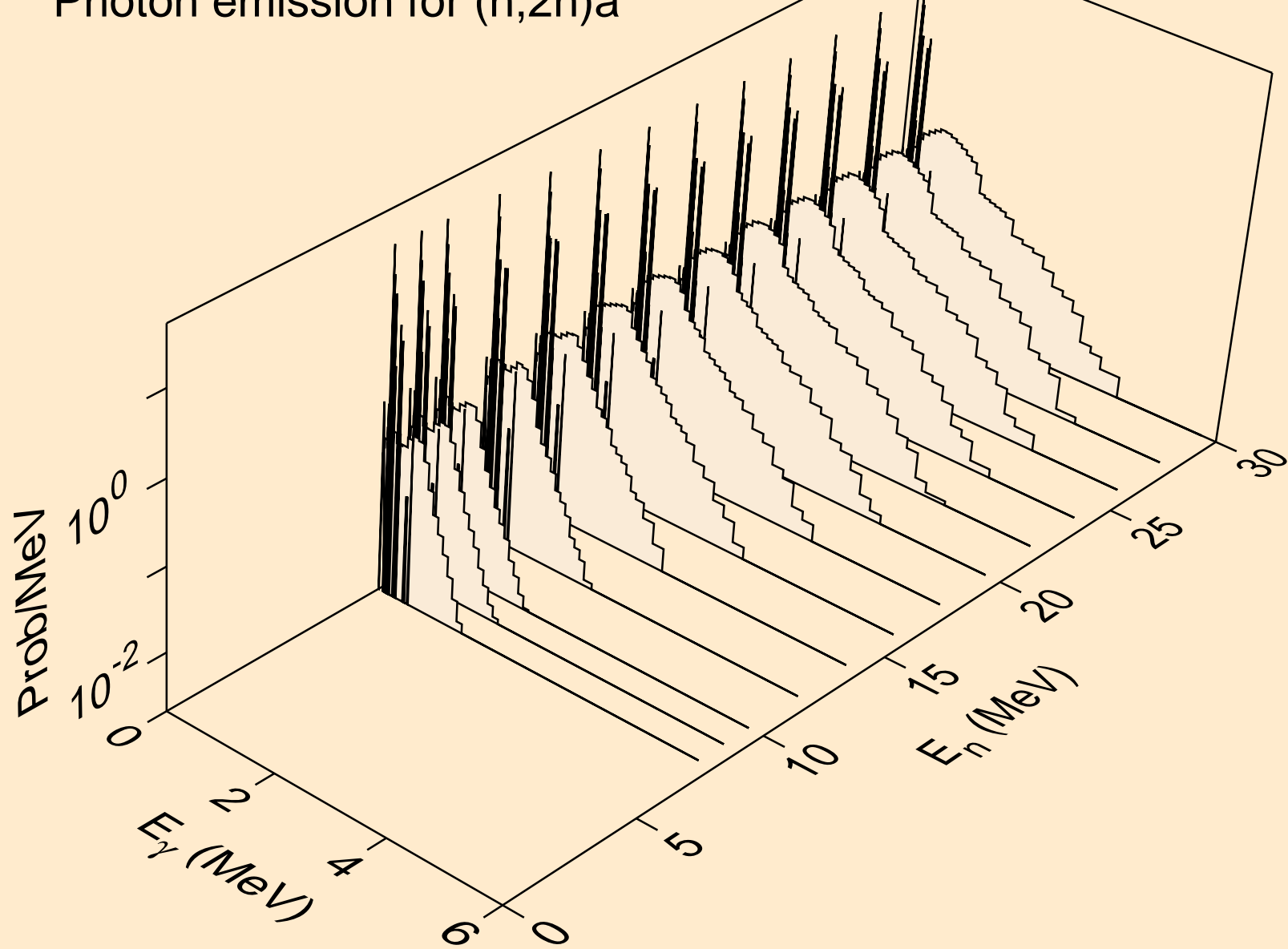
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Photon emission for (n,3n)



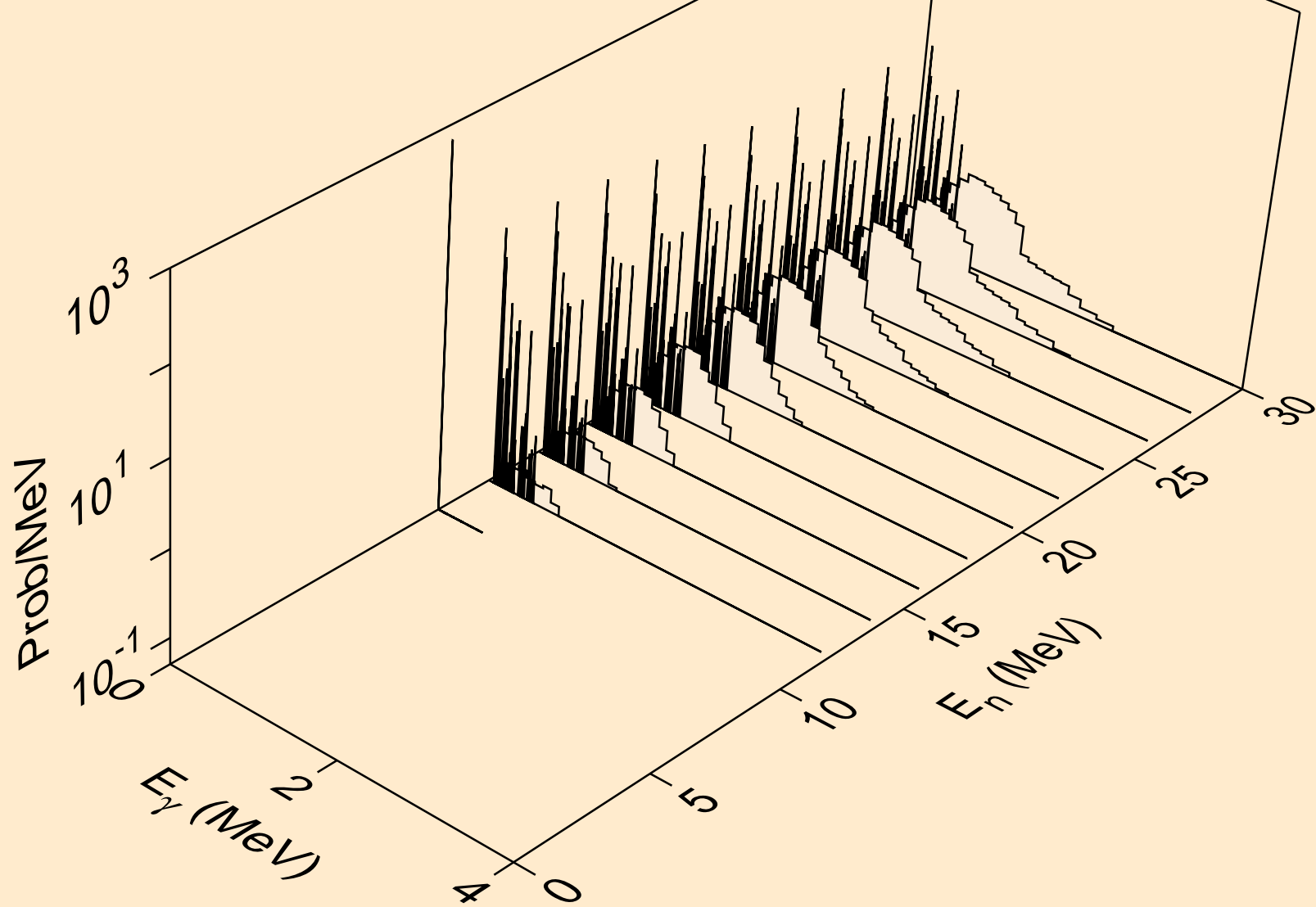
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

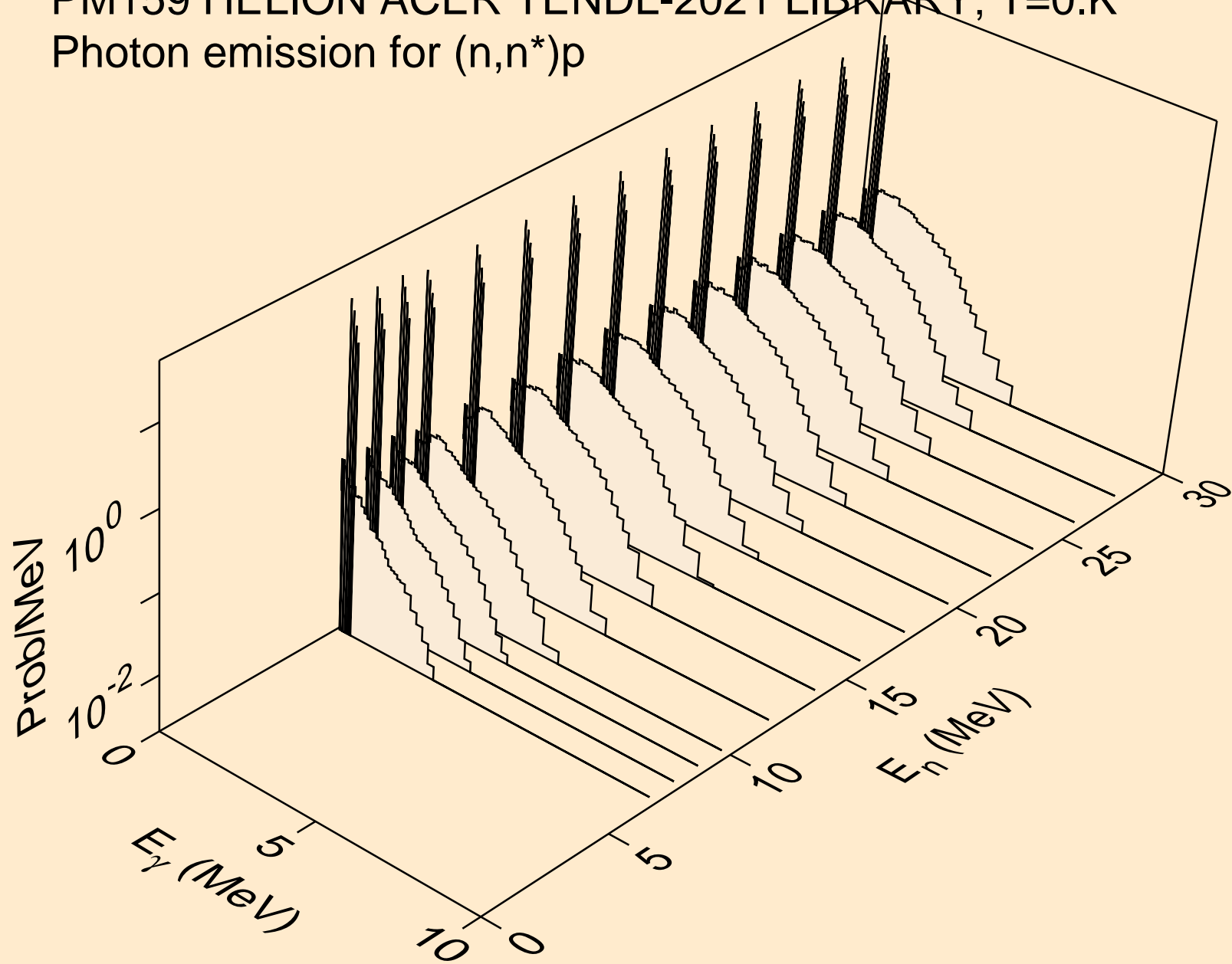


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Photon emission for (n,3n)a

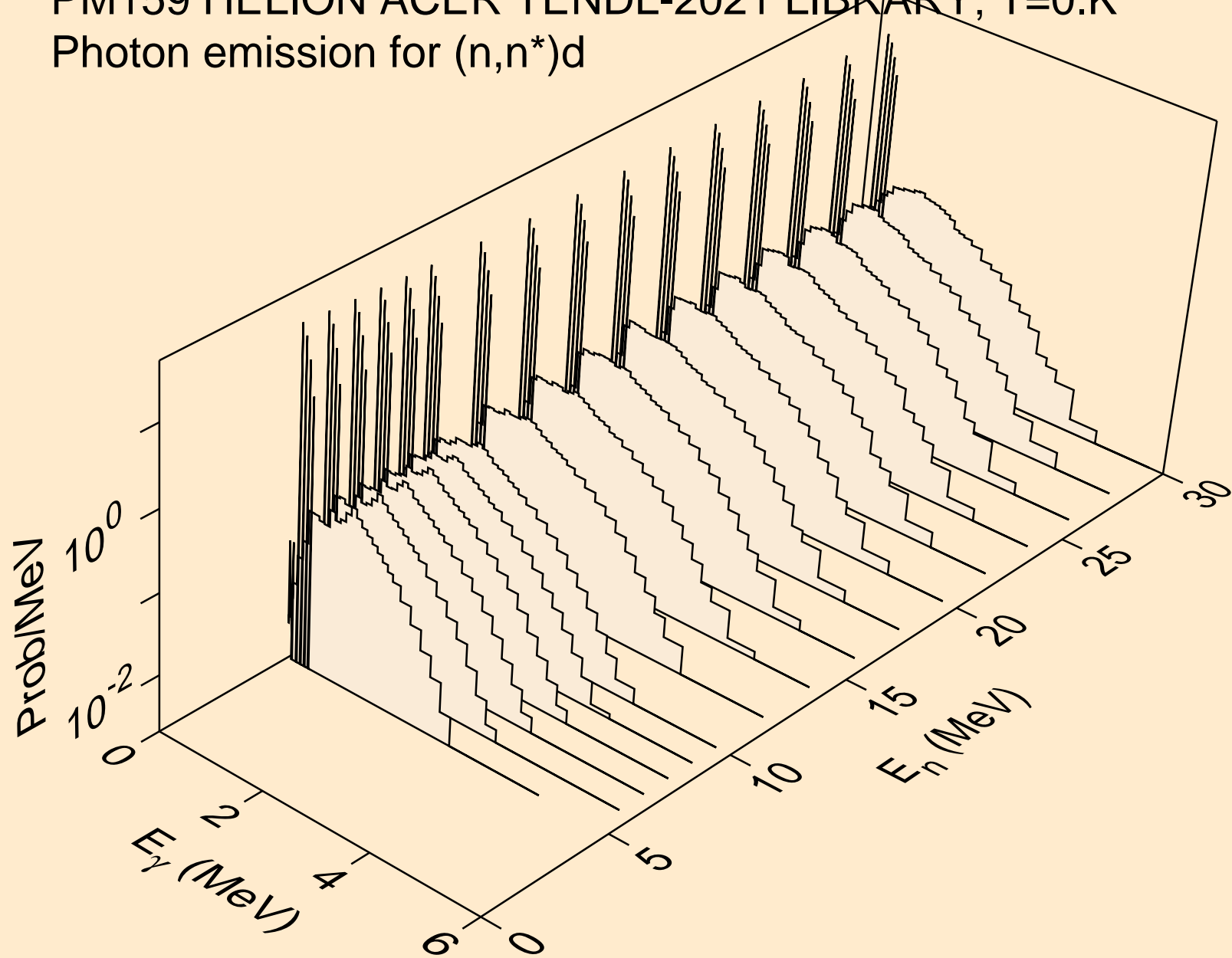




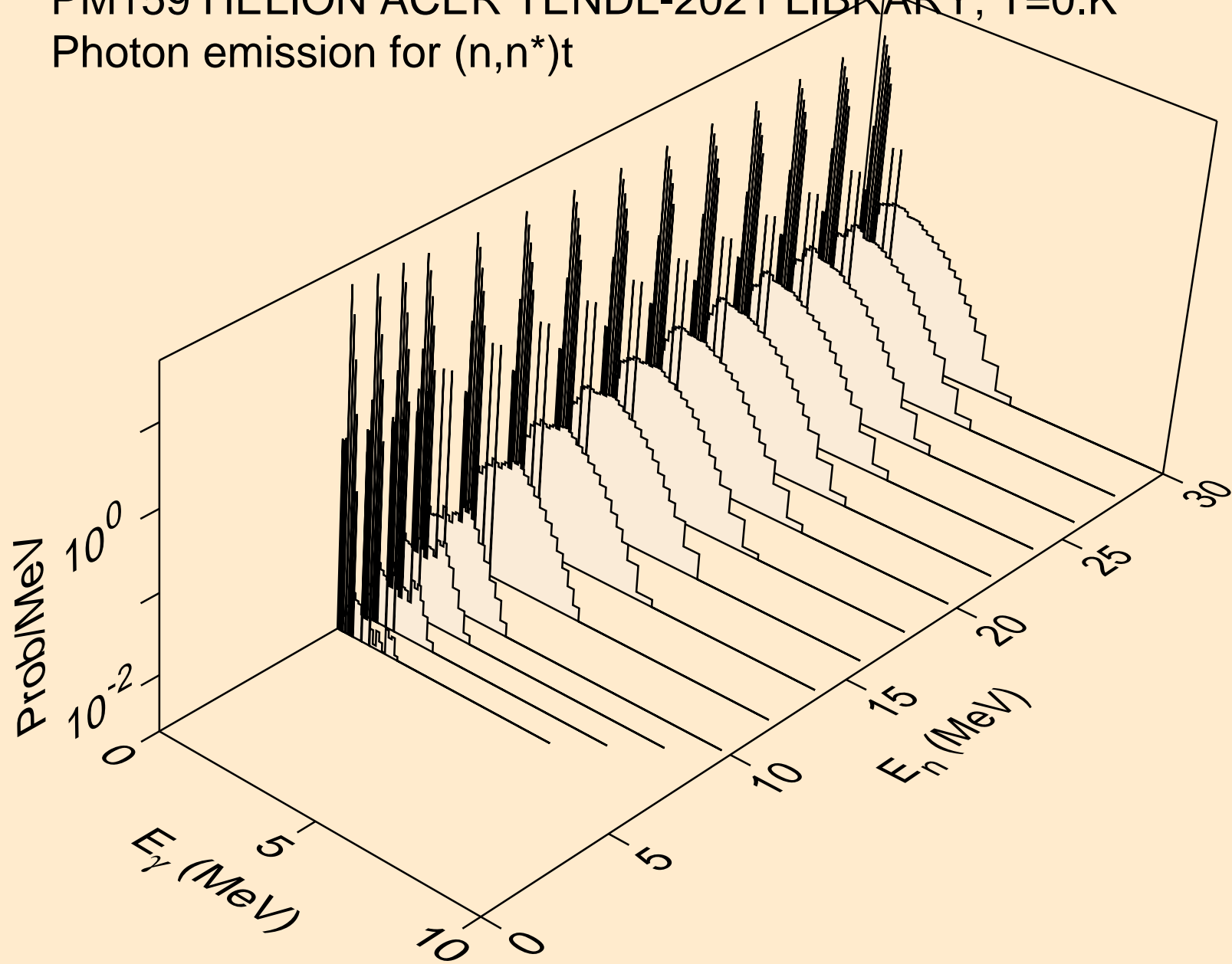
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Photon emission for (n,n\*)p



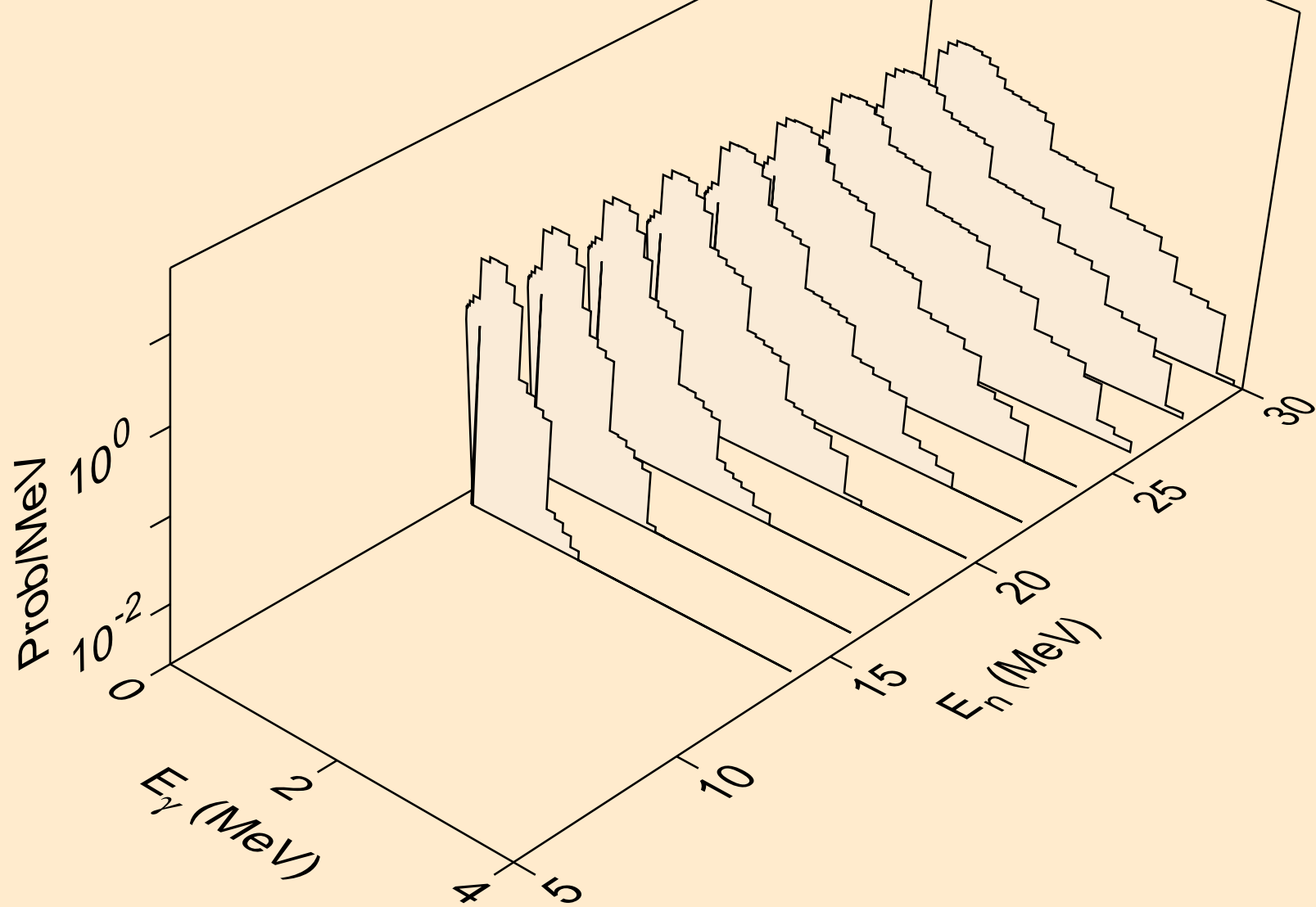
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Photon emission for (n,n\*)d



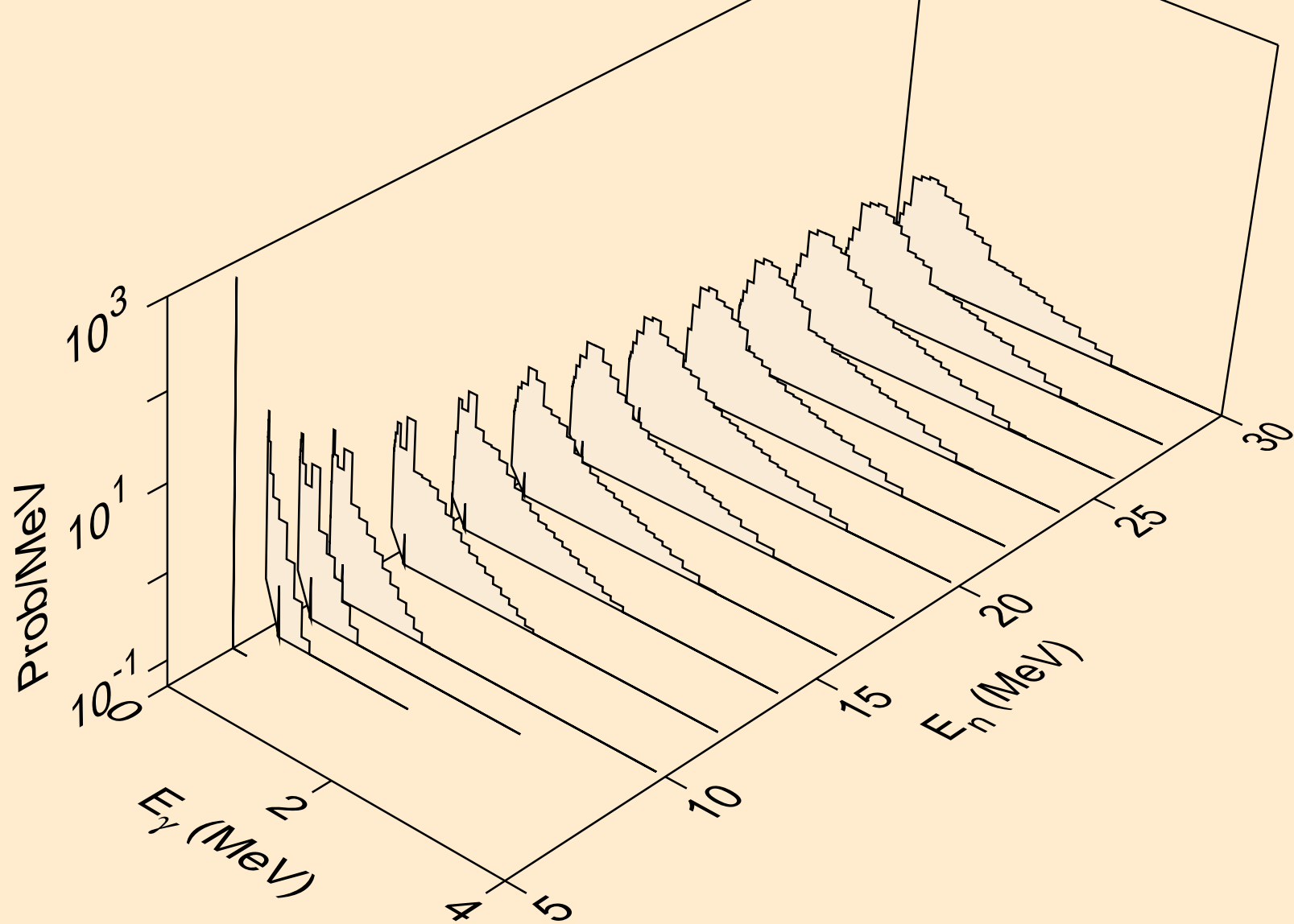
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



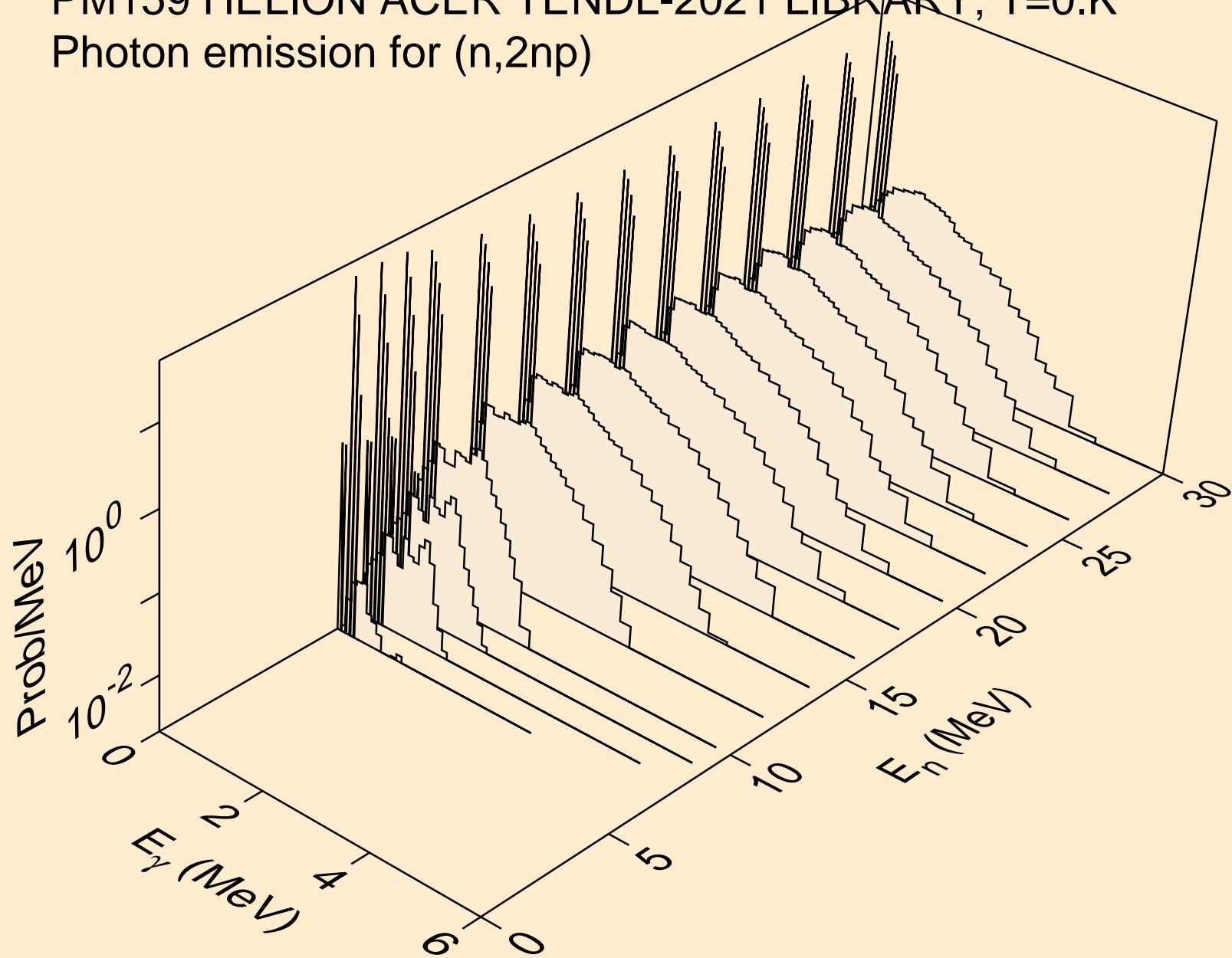
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



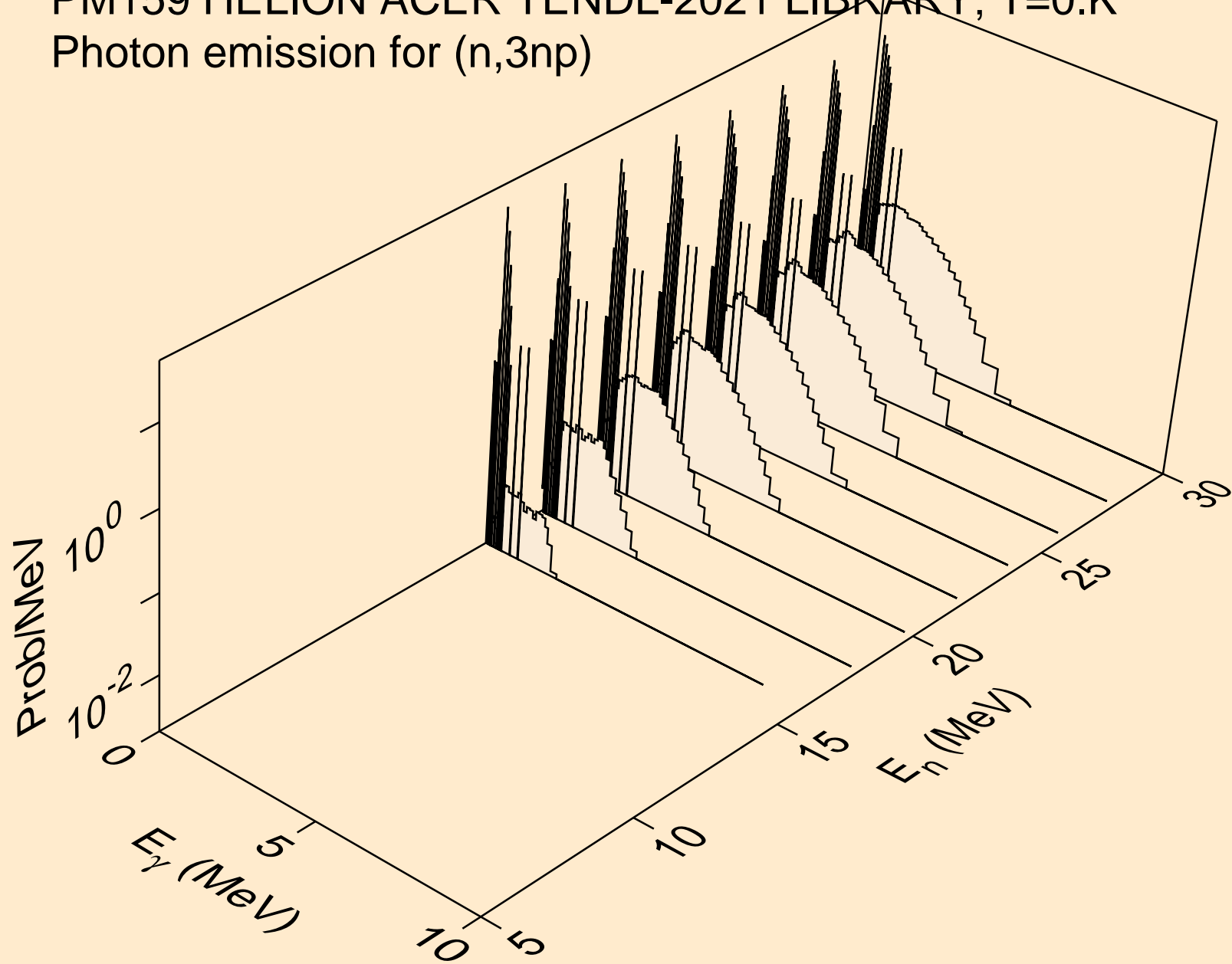
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Photon emission for (n,4n)



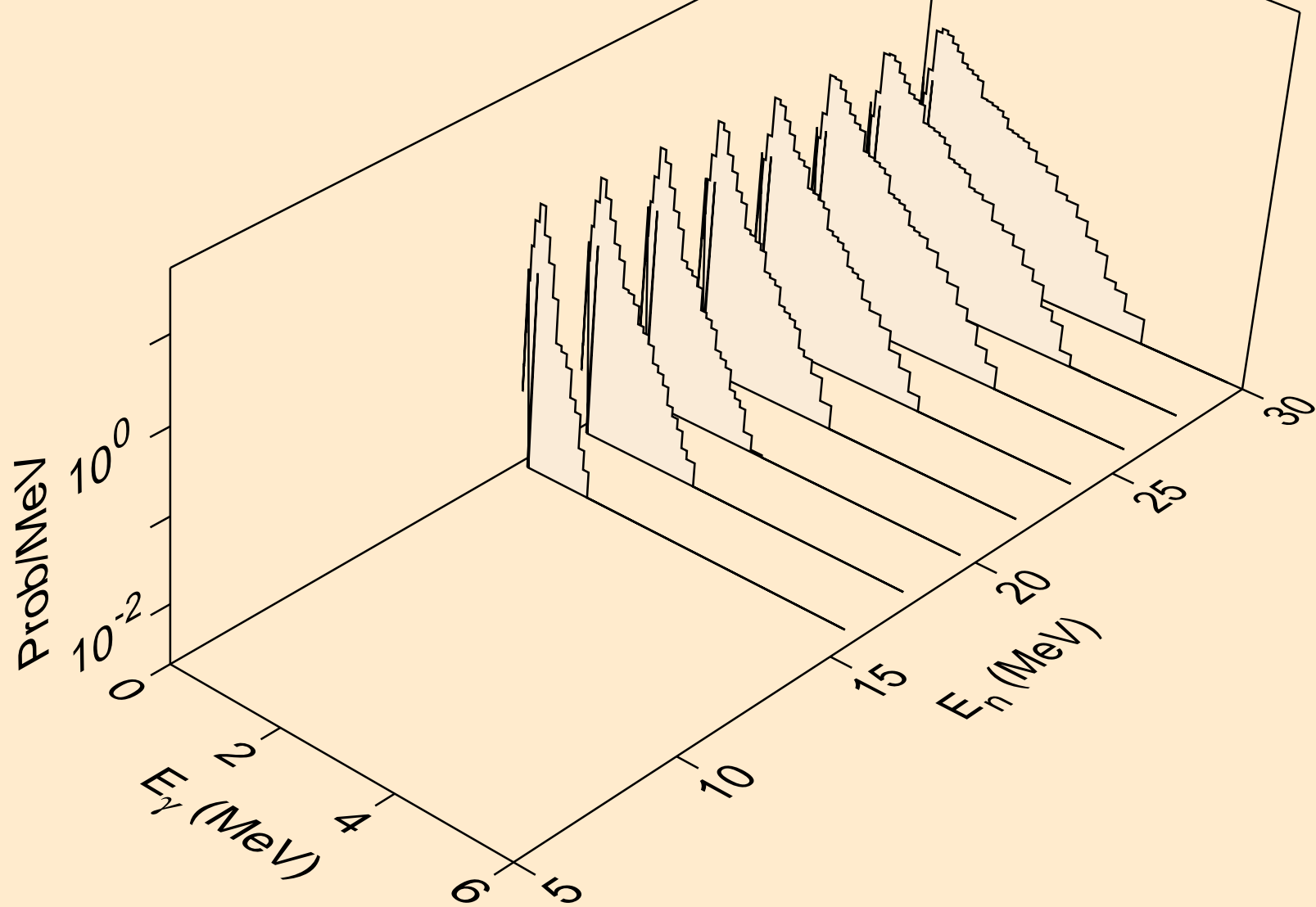
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

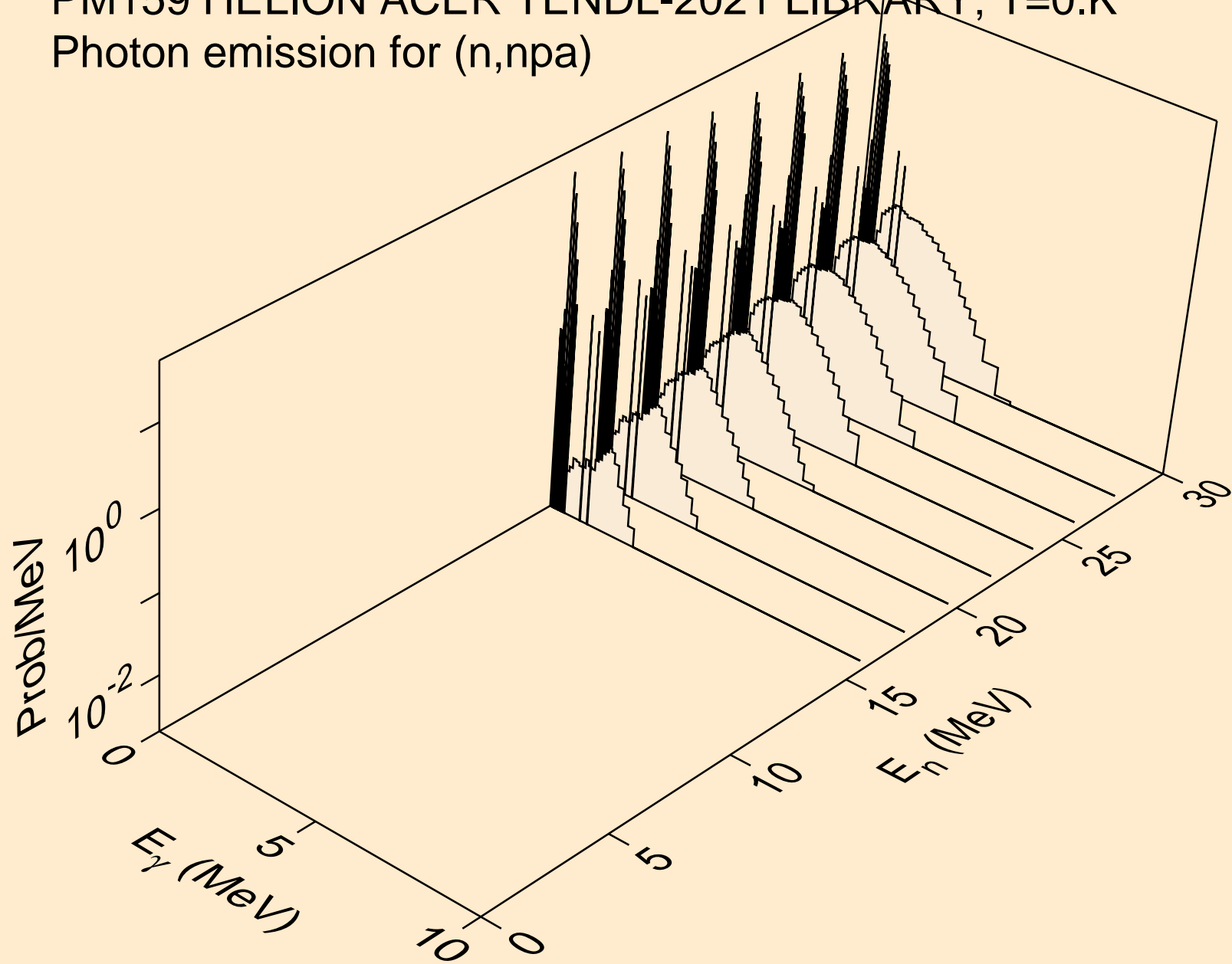


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Photon emission for (n,2np)

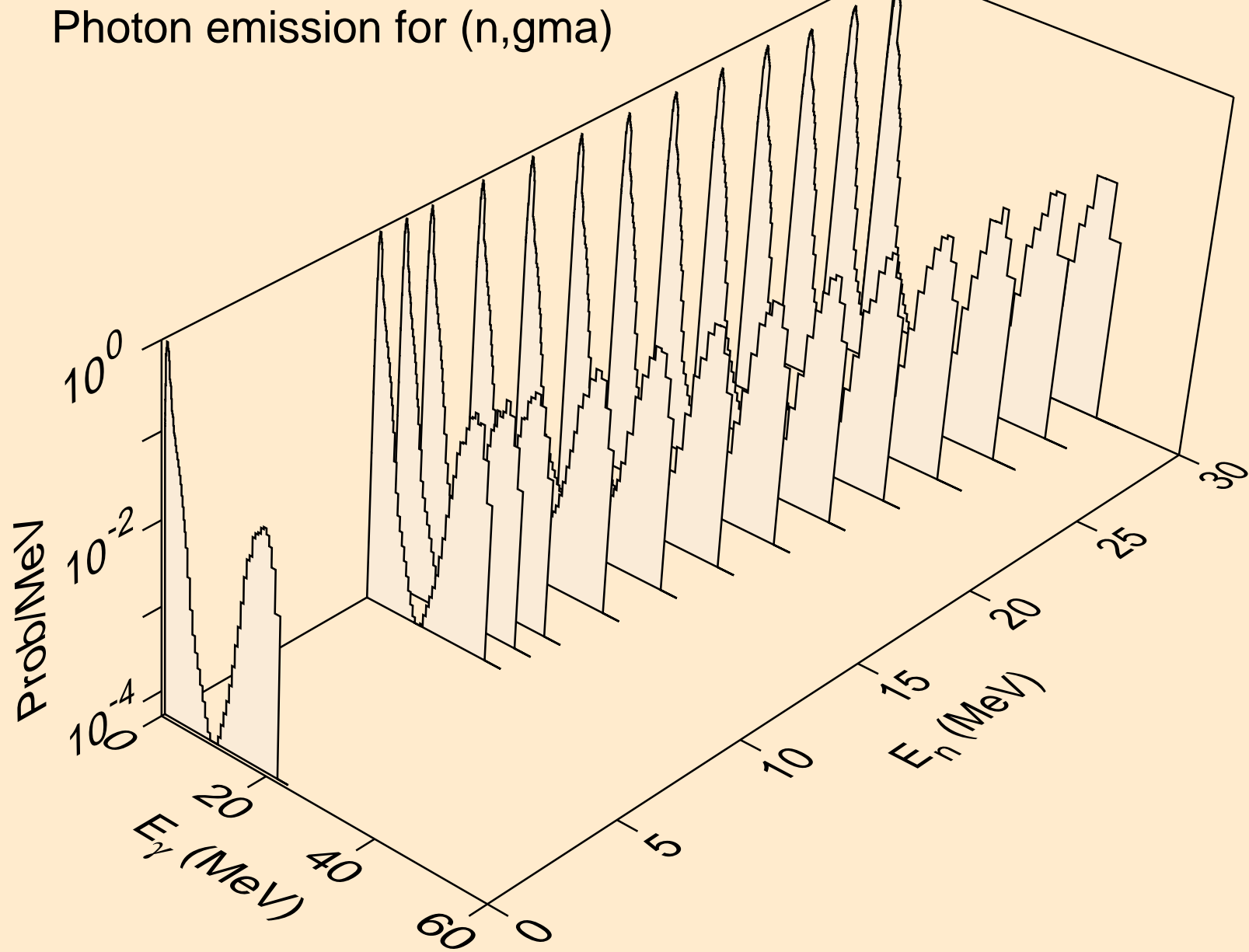




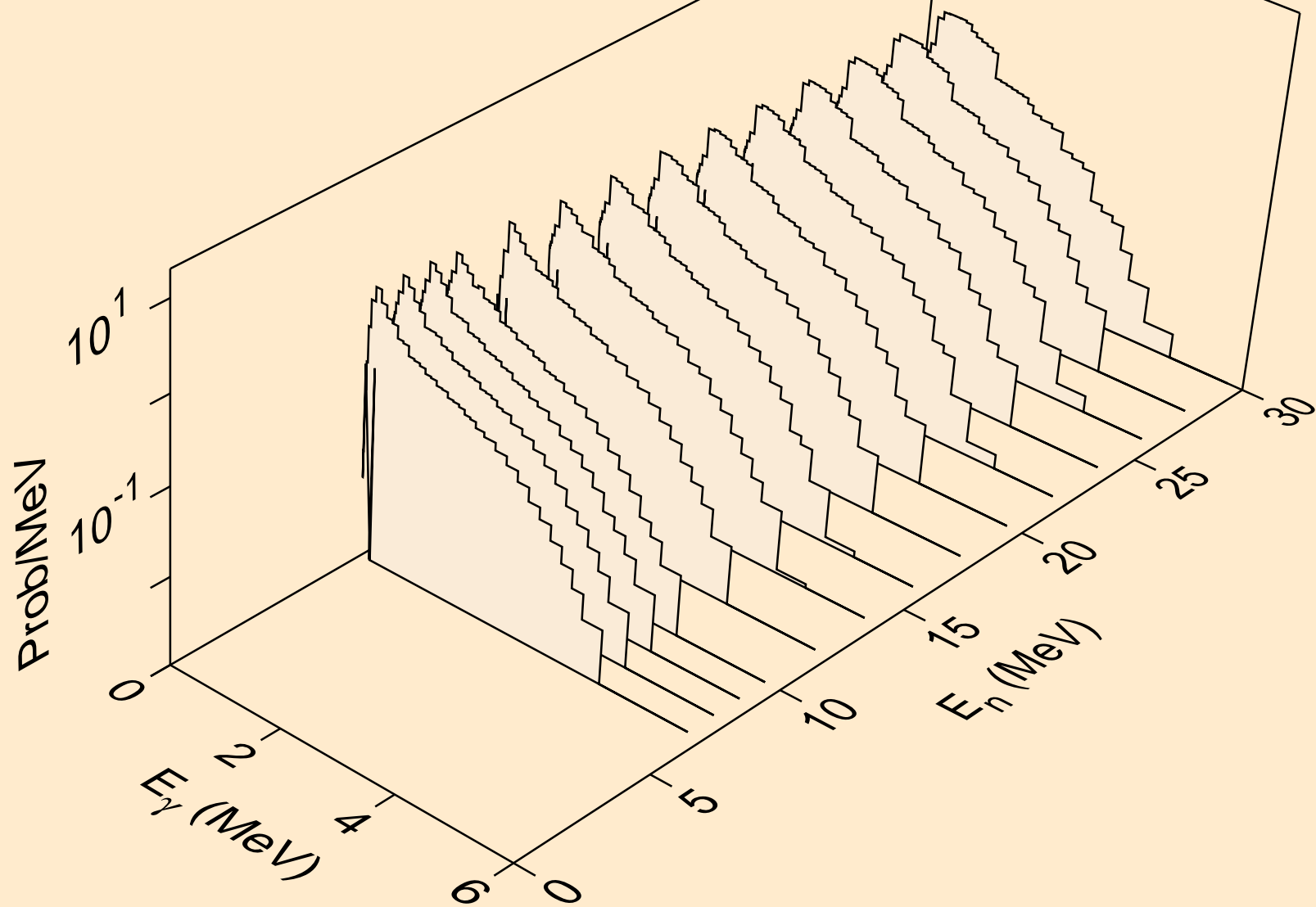
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Photon emission for (n,npa)



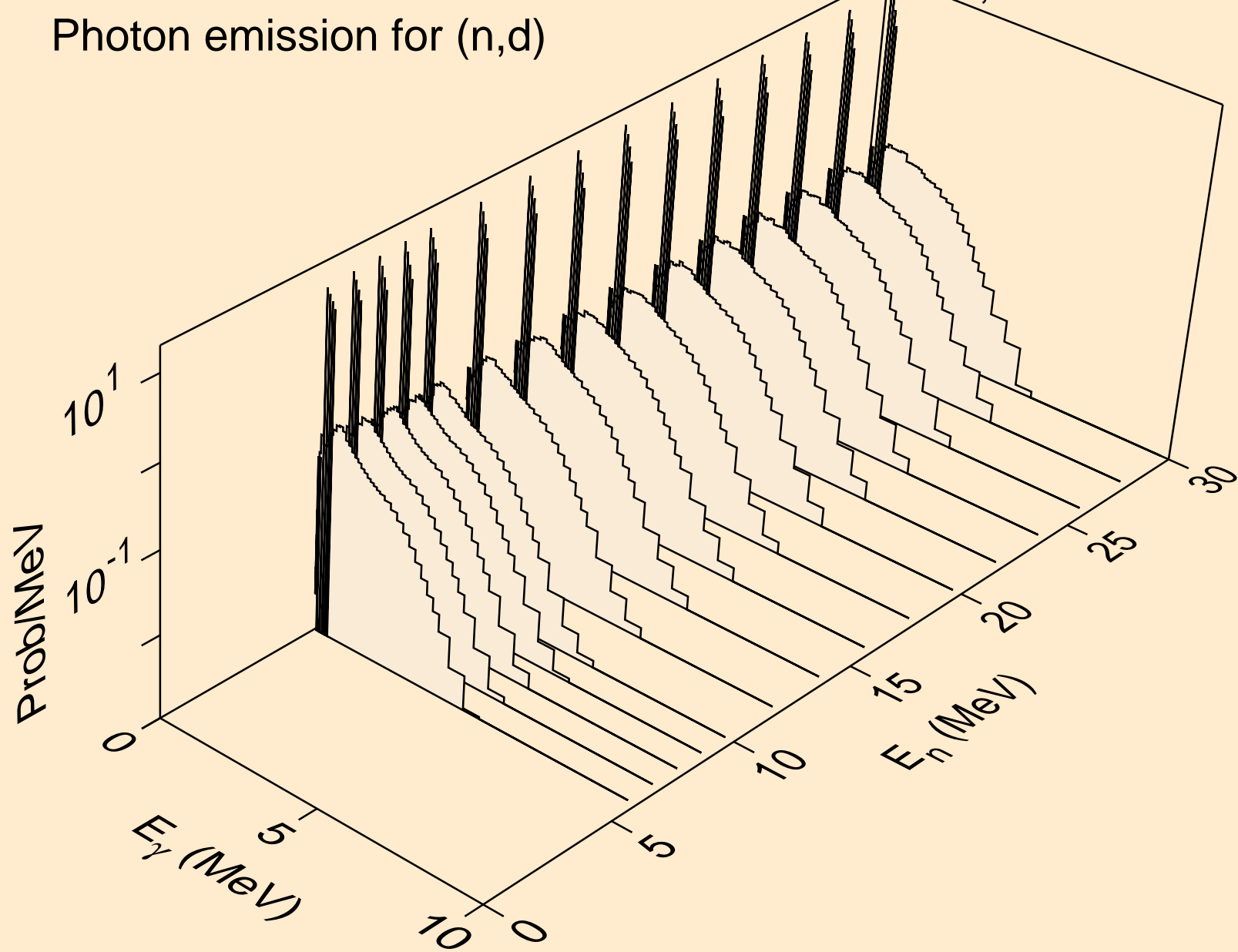
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Photon emission for (n,gma)



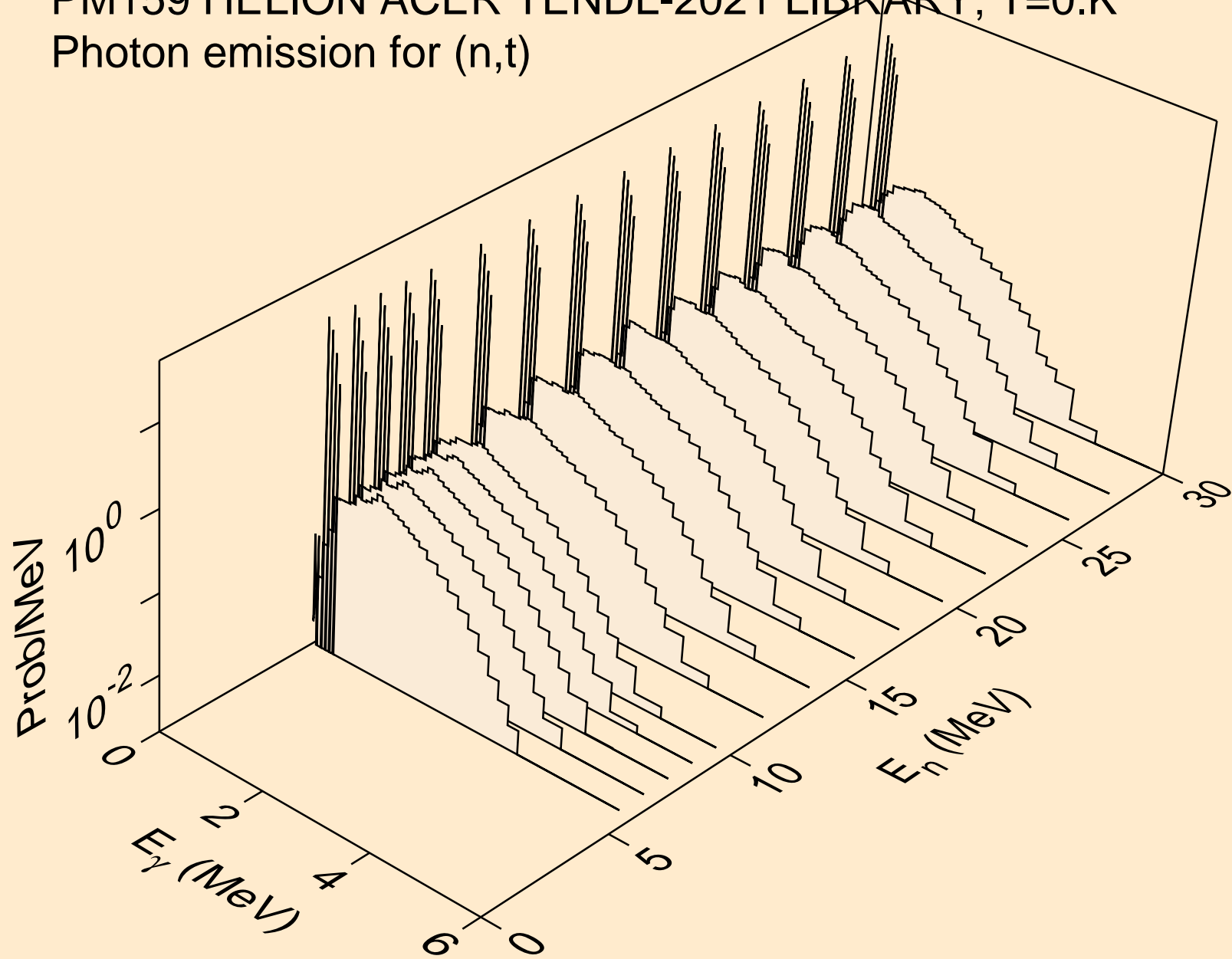
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Photon emission for (n,p)



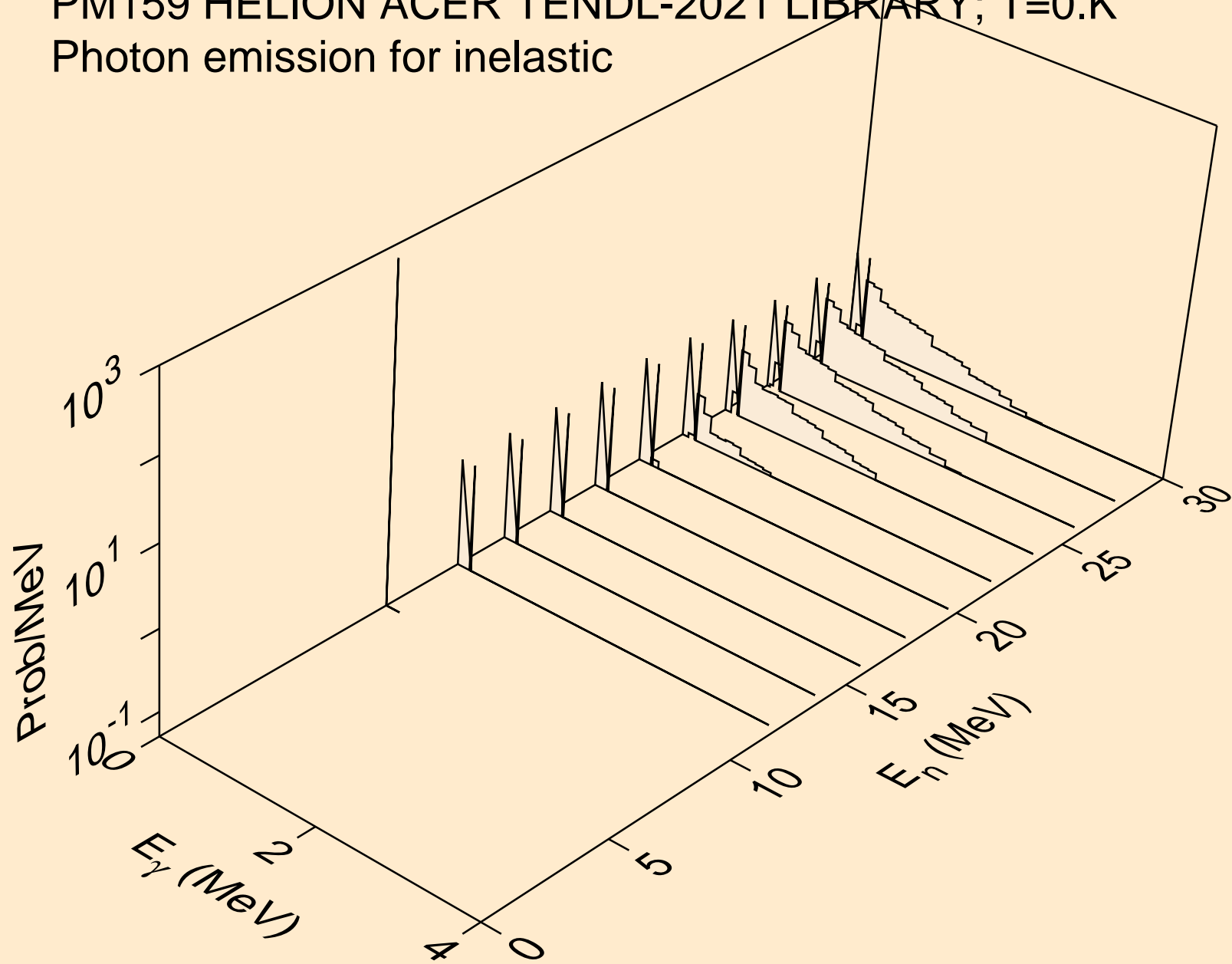
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Photon emission for (n,d)



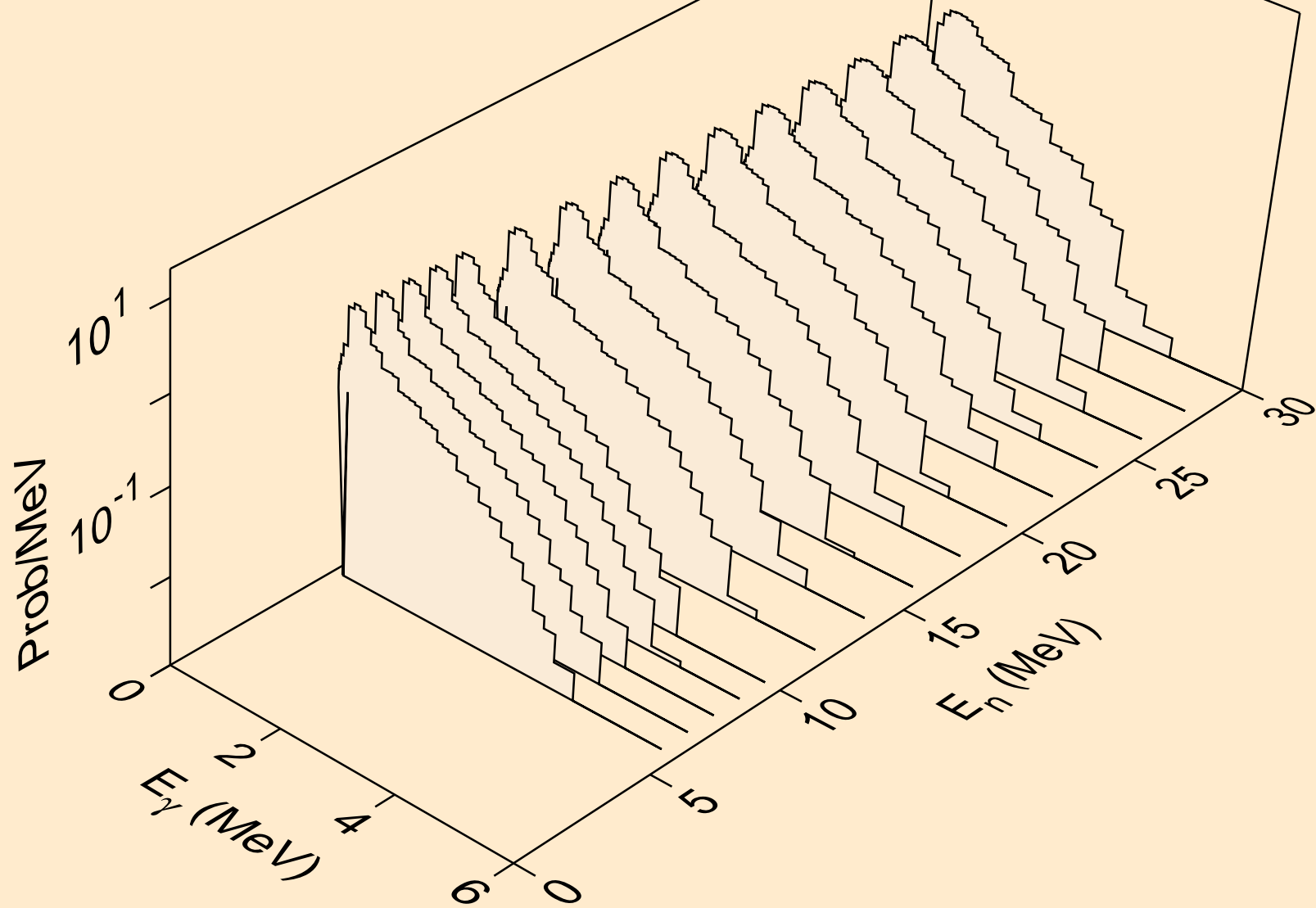
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Photon emission for (n,t)



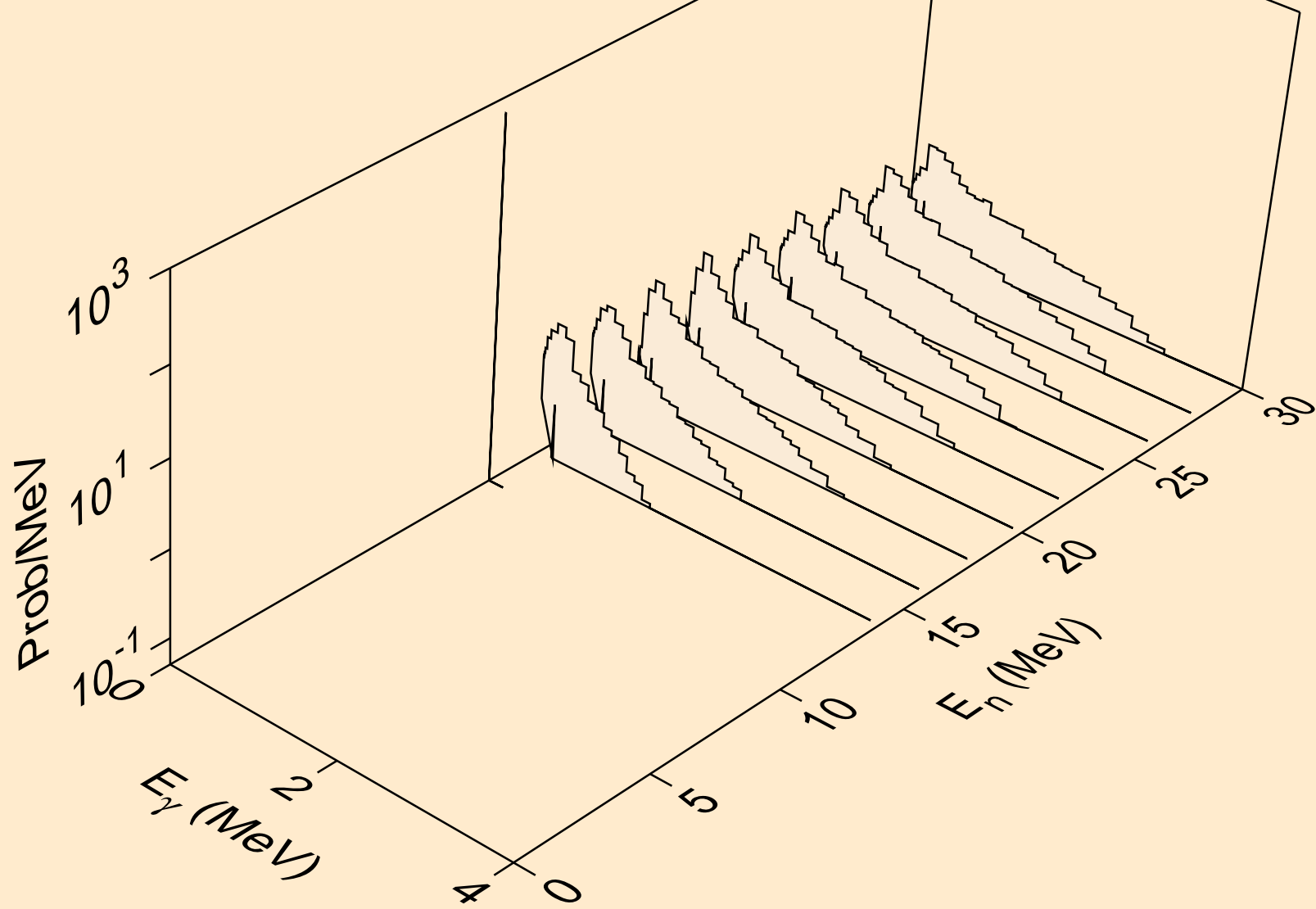
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

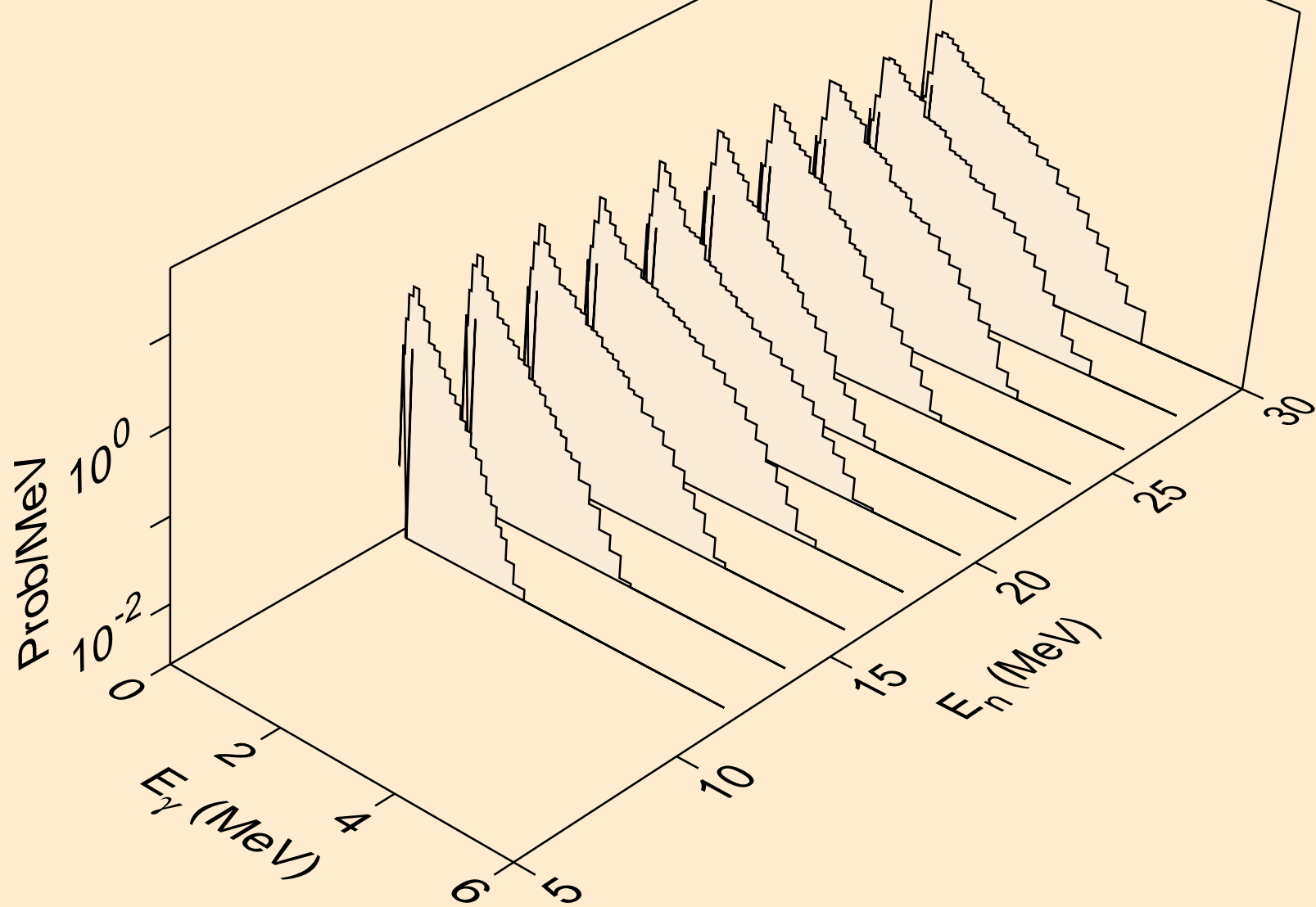


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Photon emission for (n,2p)

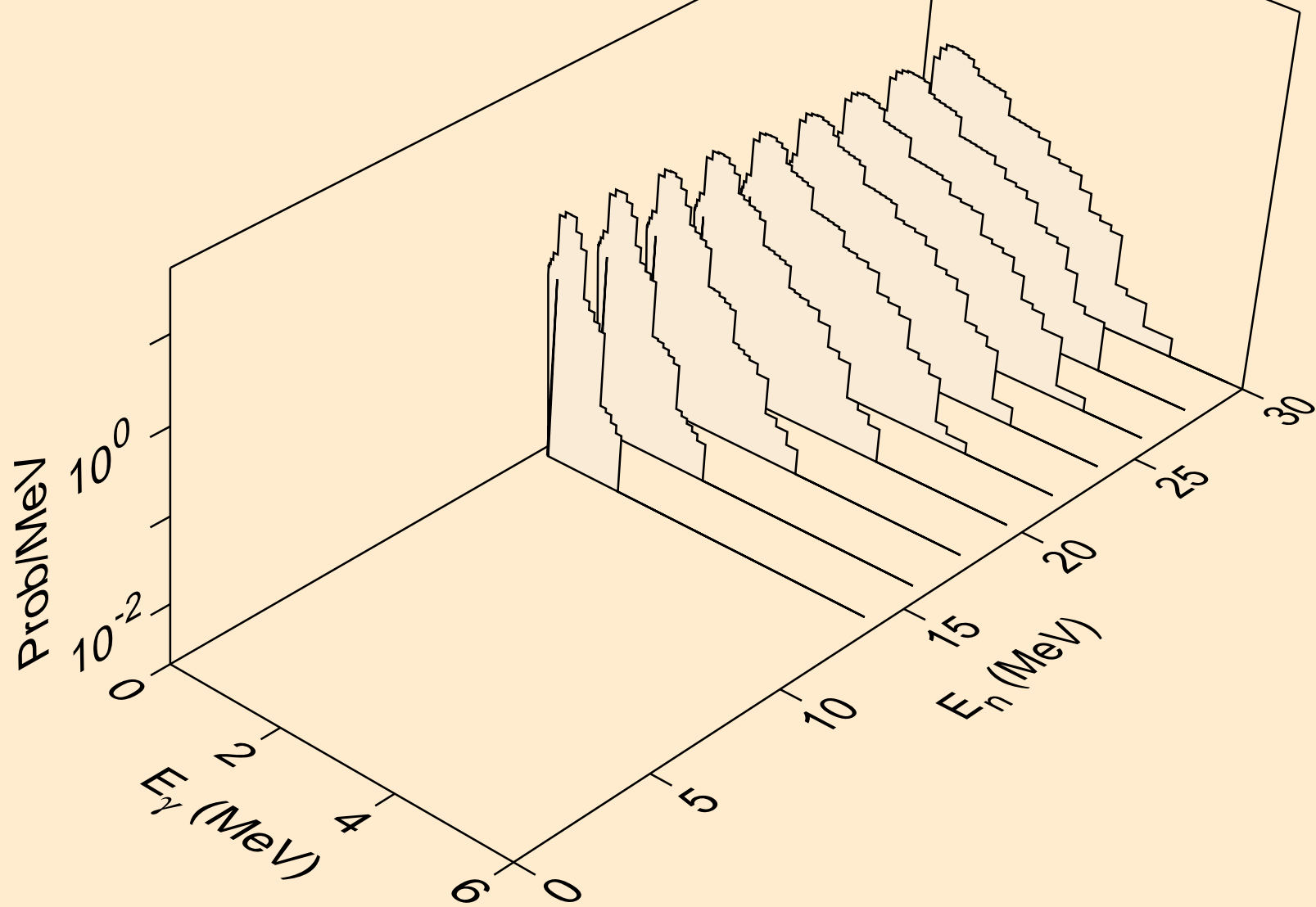




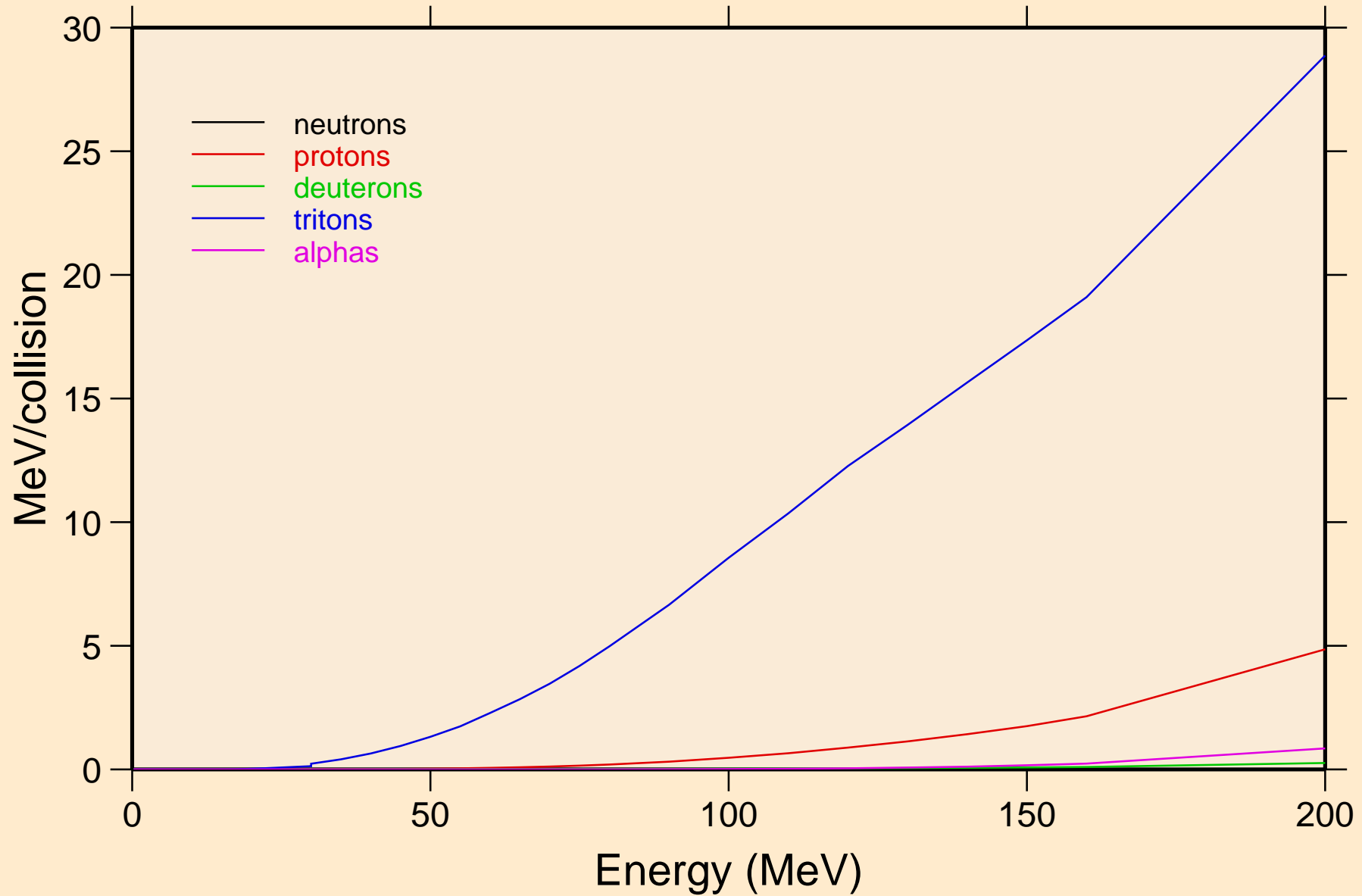
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Photon emission for (n,pd)



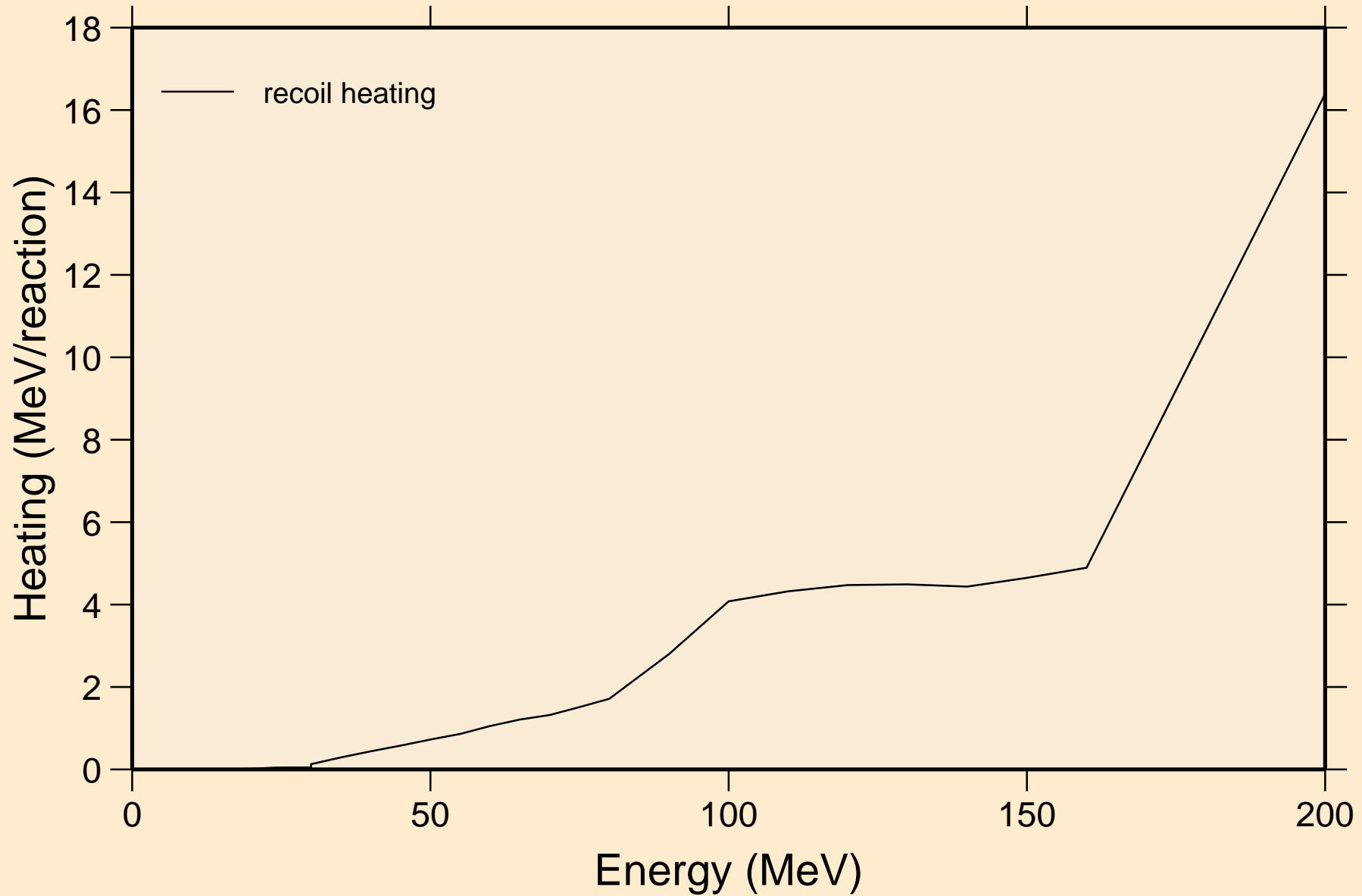
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Photon emission for (n,pt)



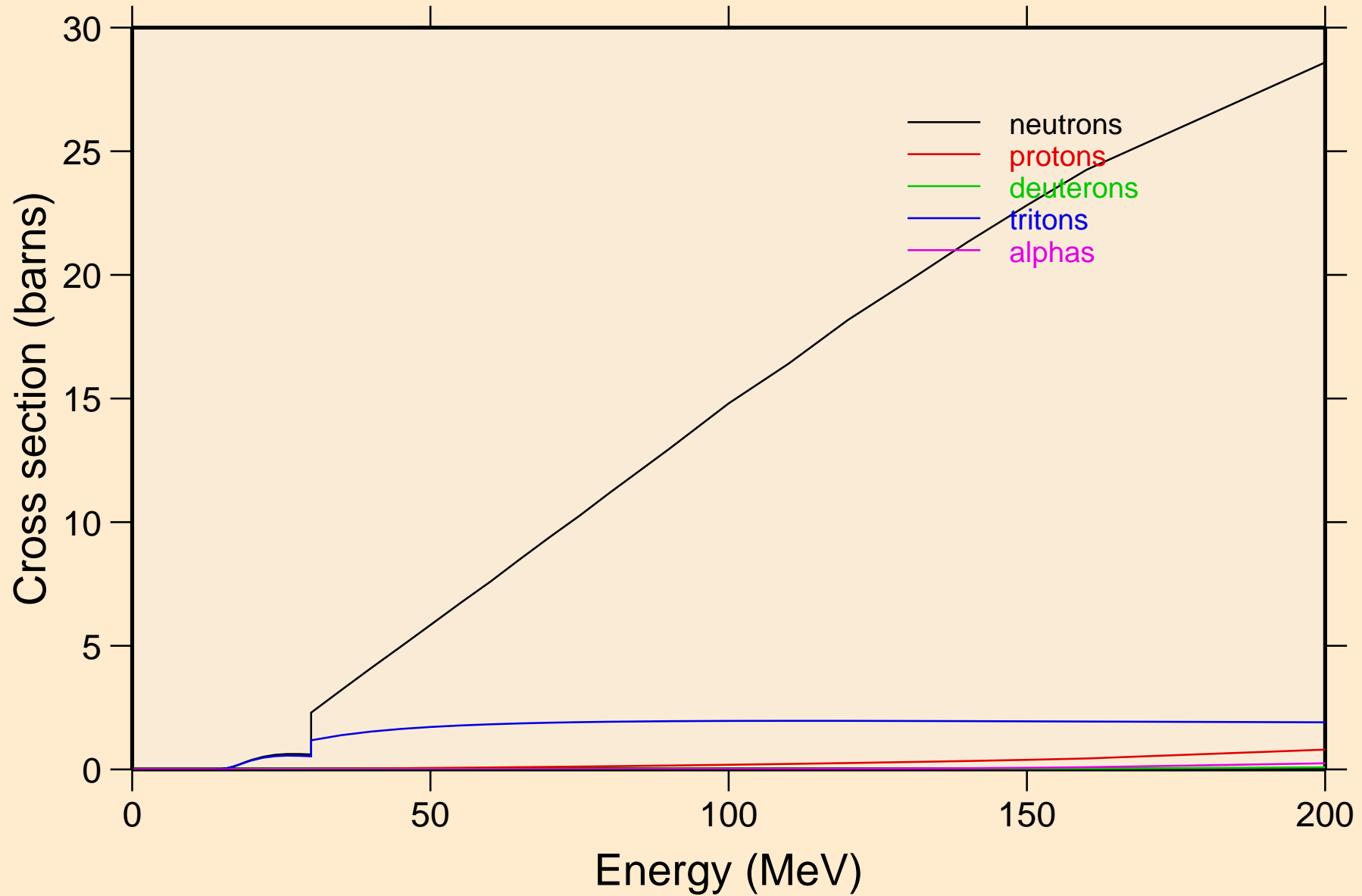
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



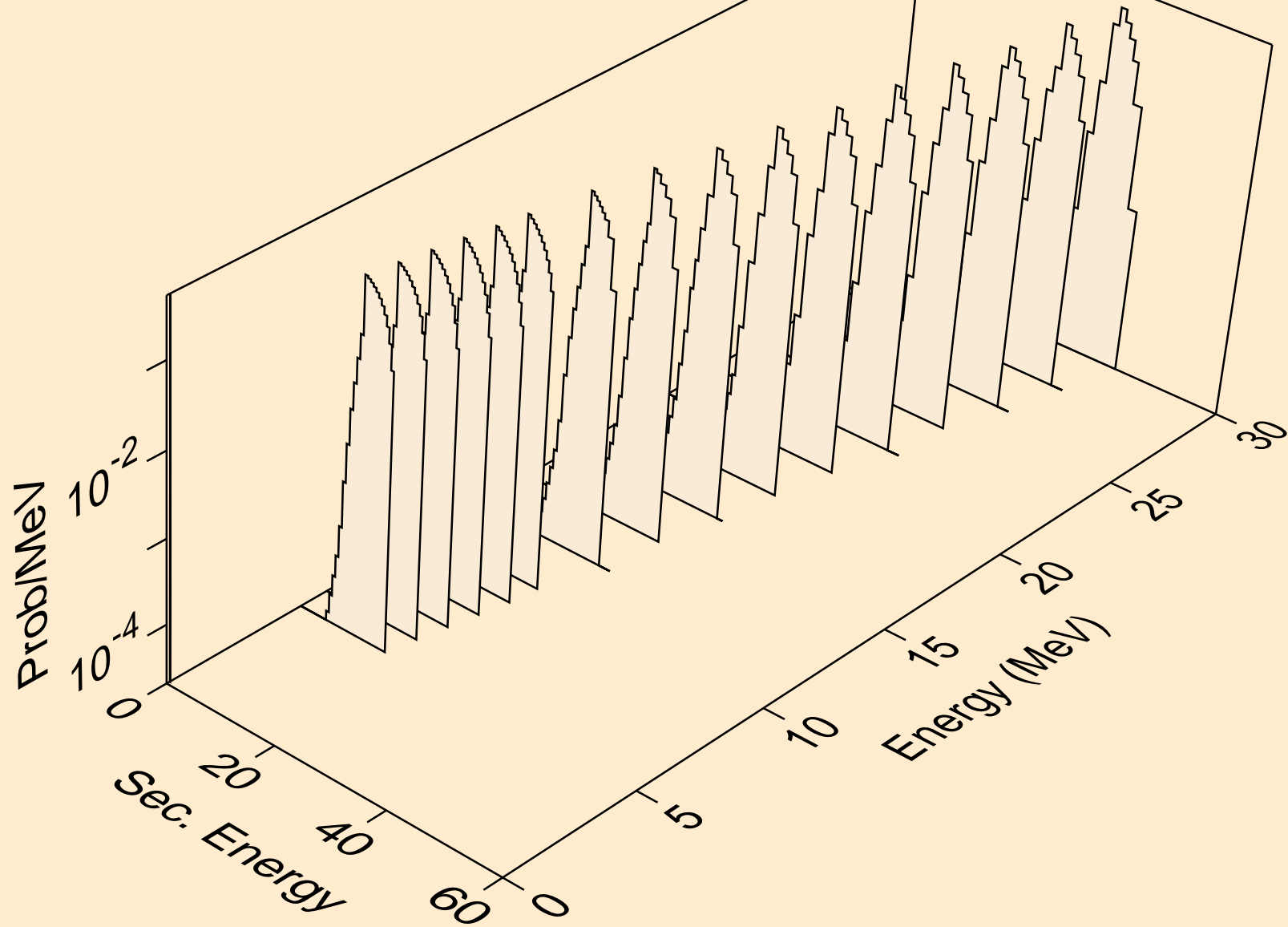
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Recoil Heating



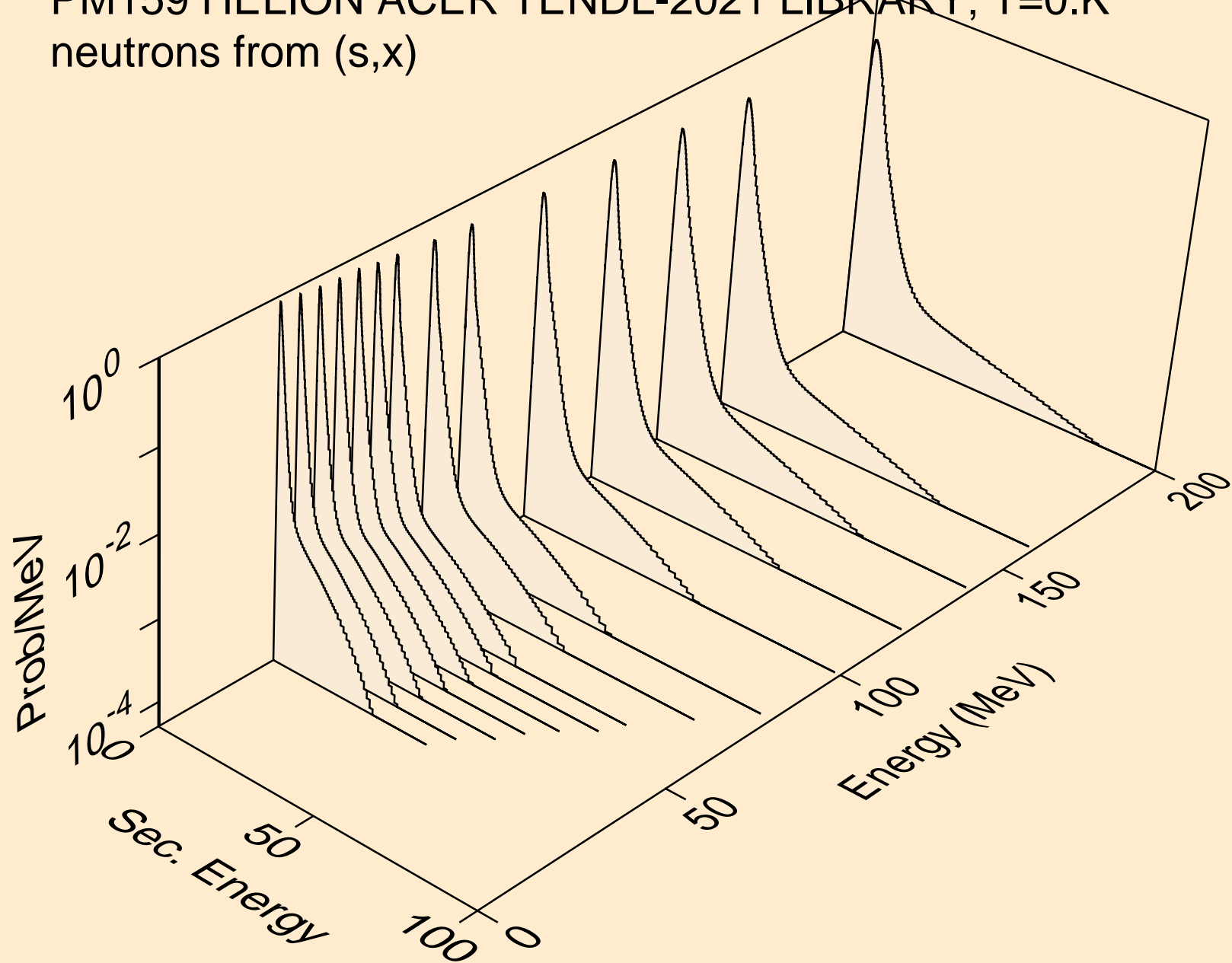
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Particle production cross sections



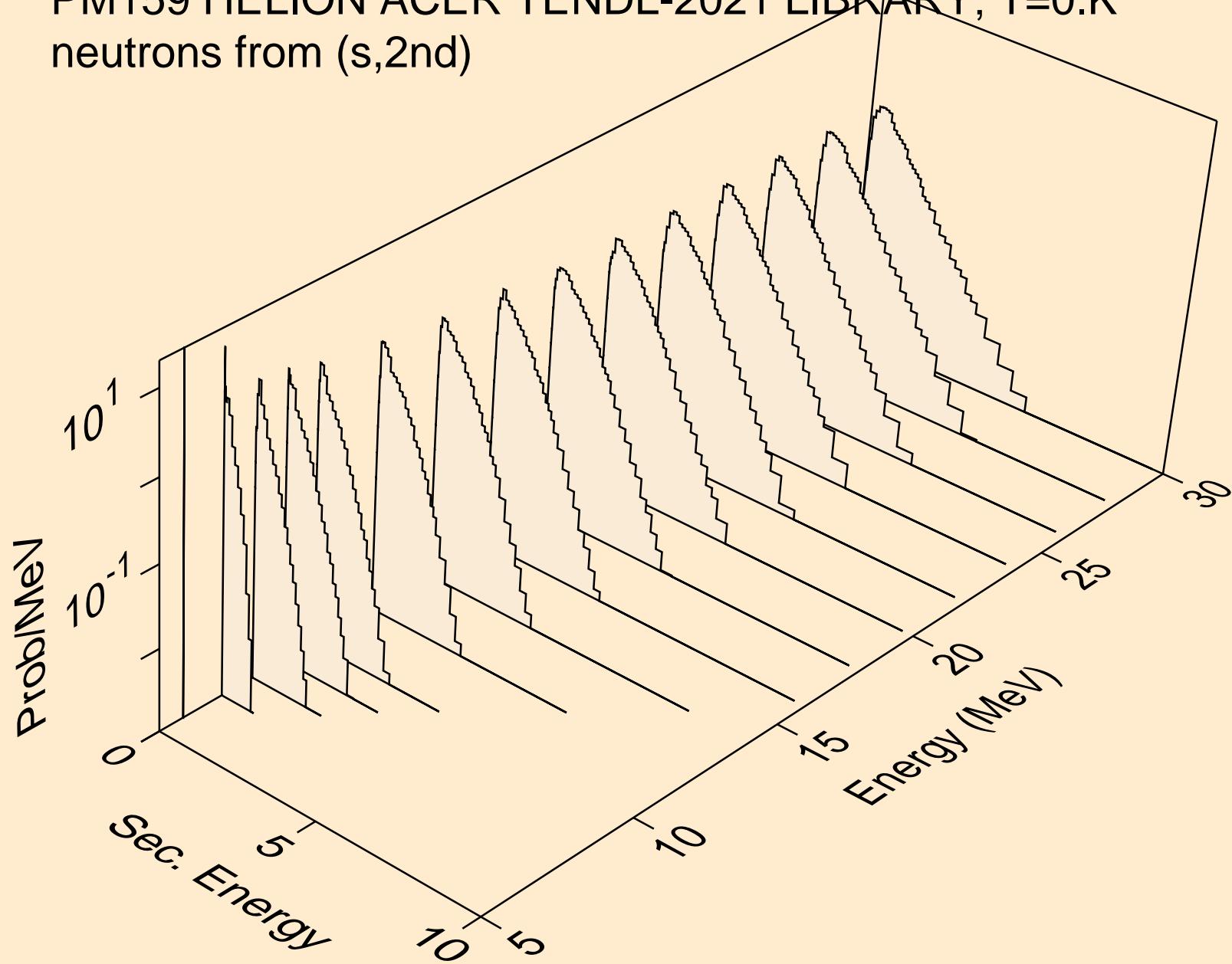
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)

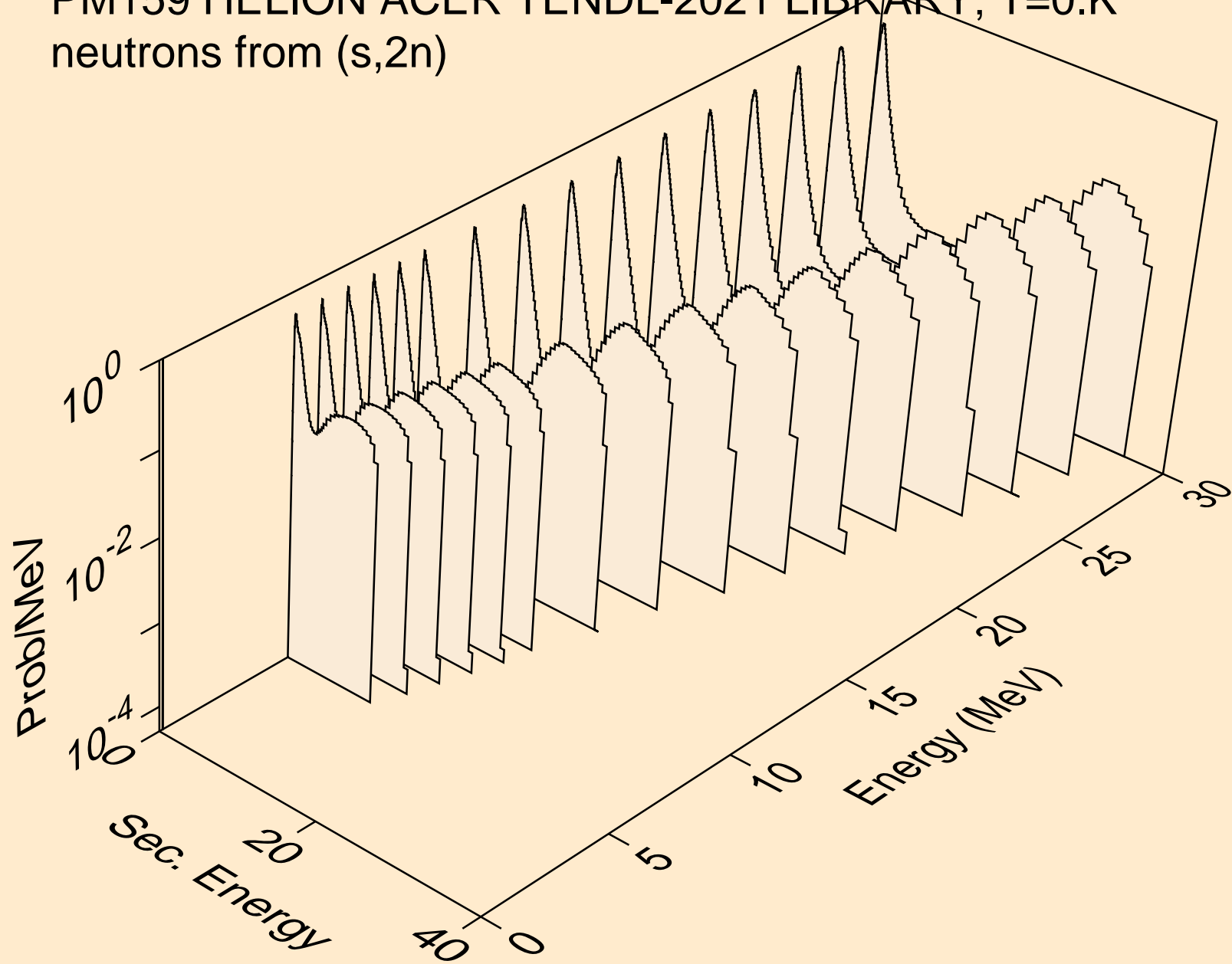


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neutrons from (s,2nd)

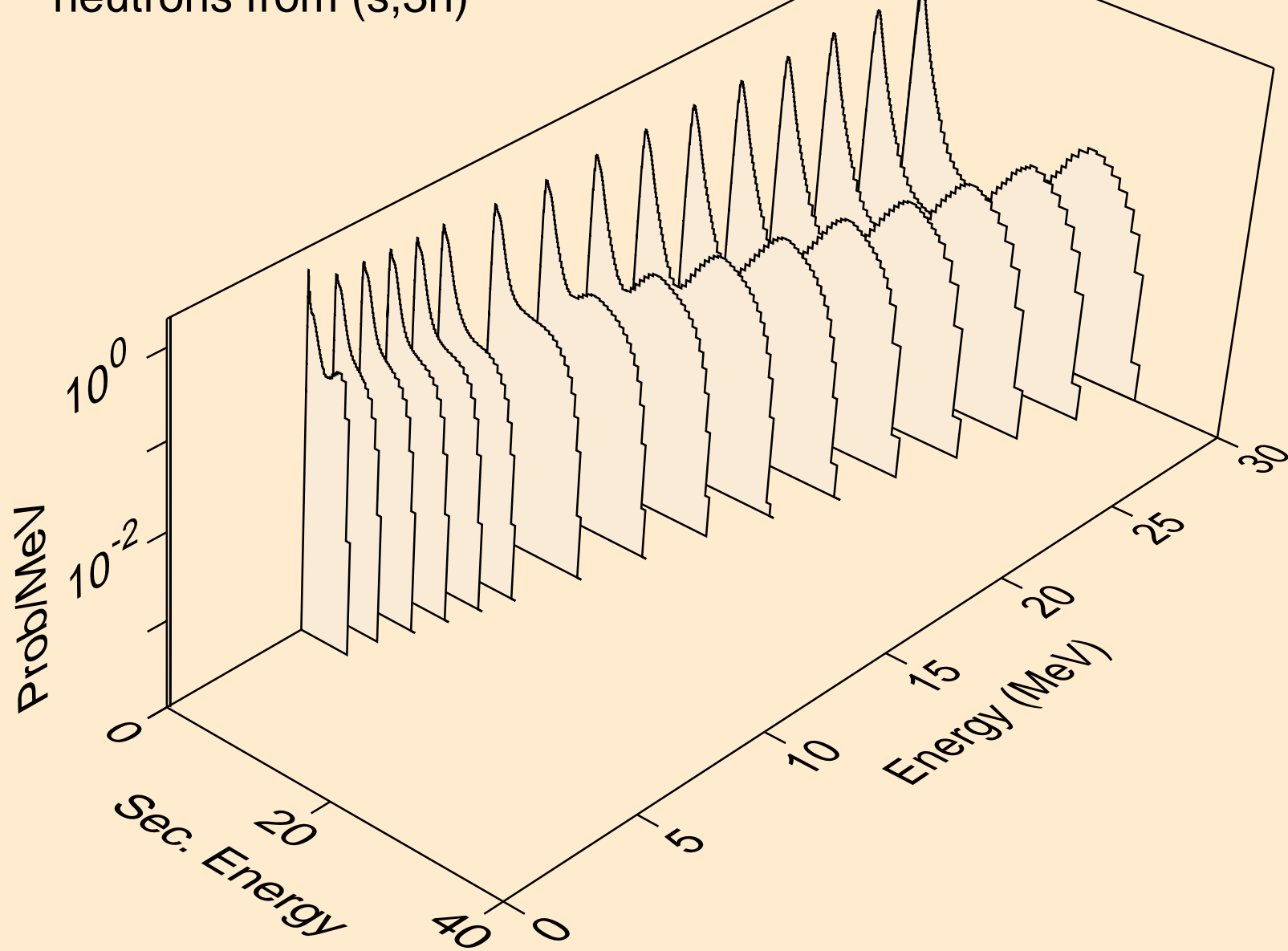




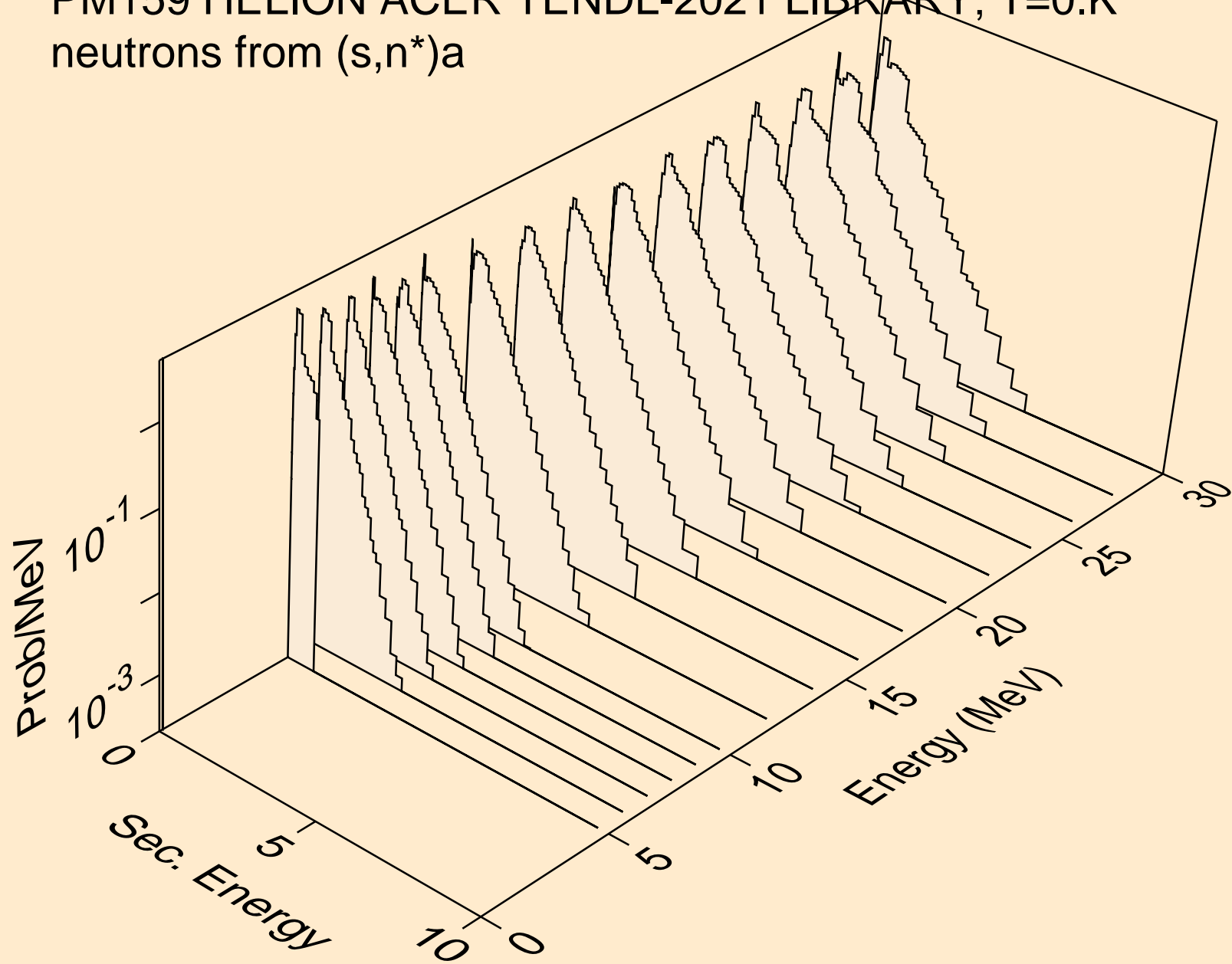
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neutrons from (s,2n)



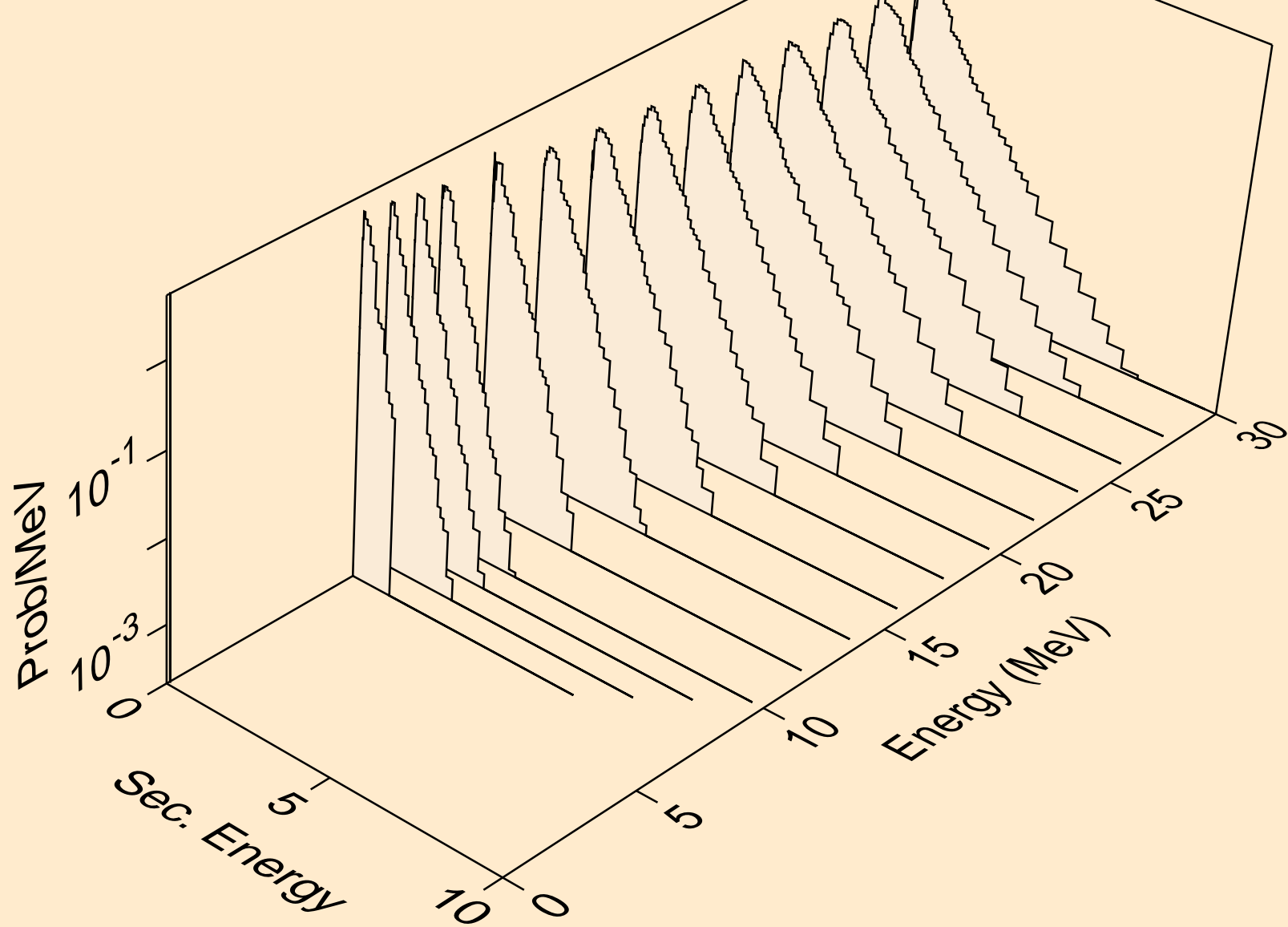
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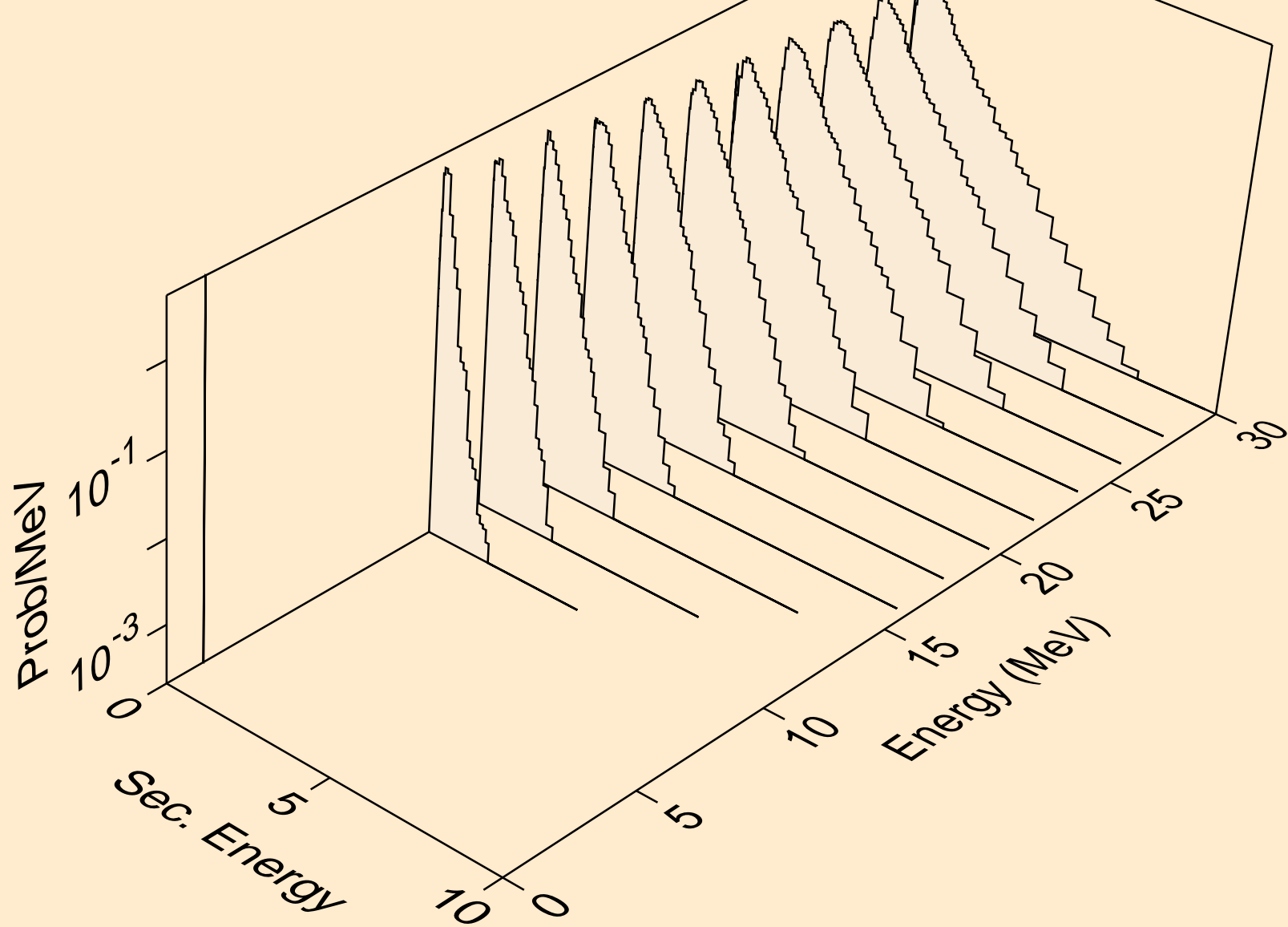
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neutrons from (s,n\*)a



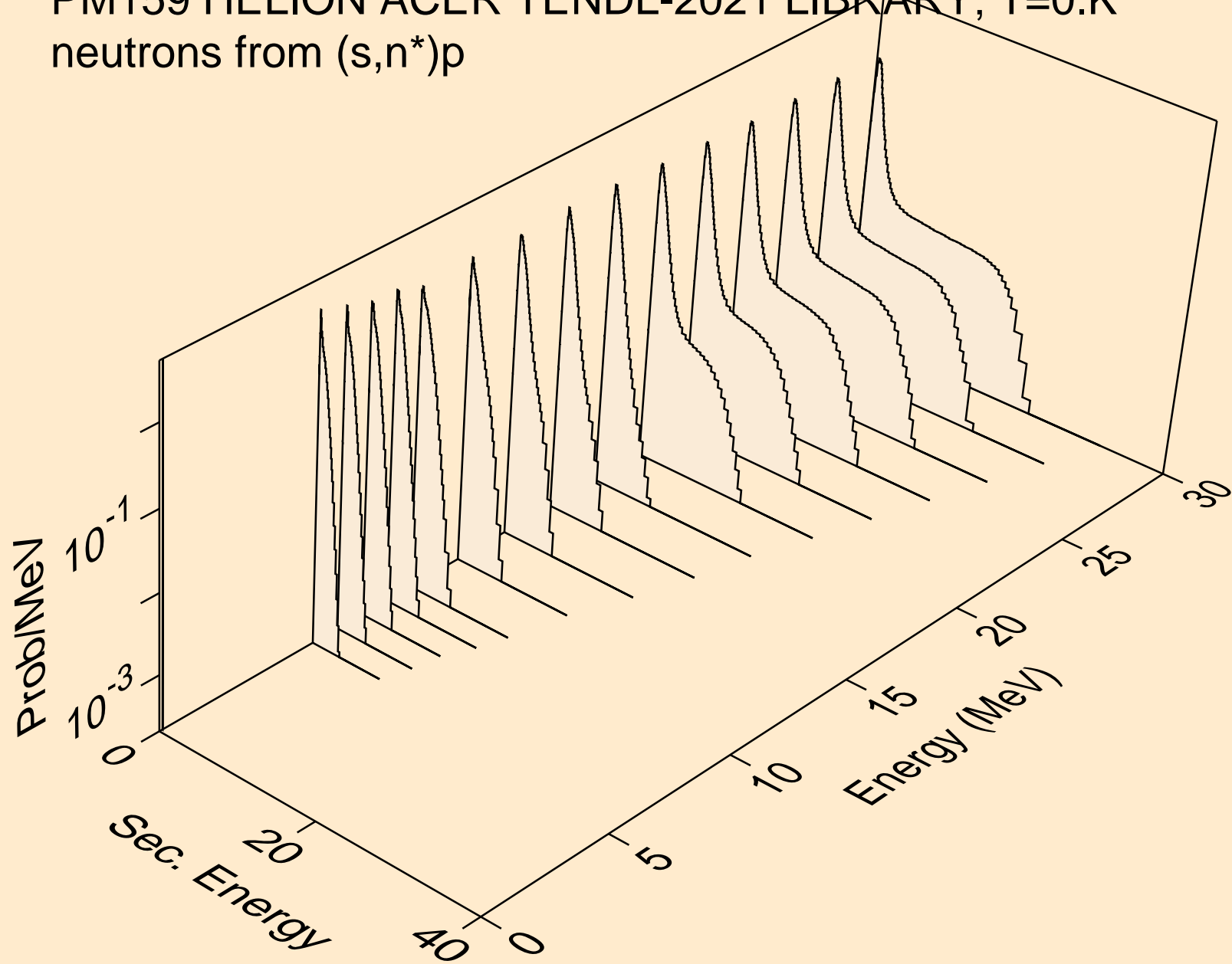
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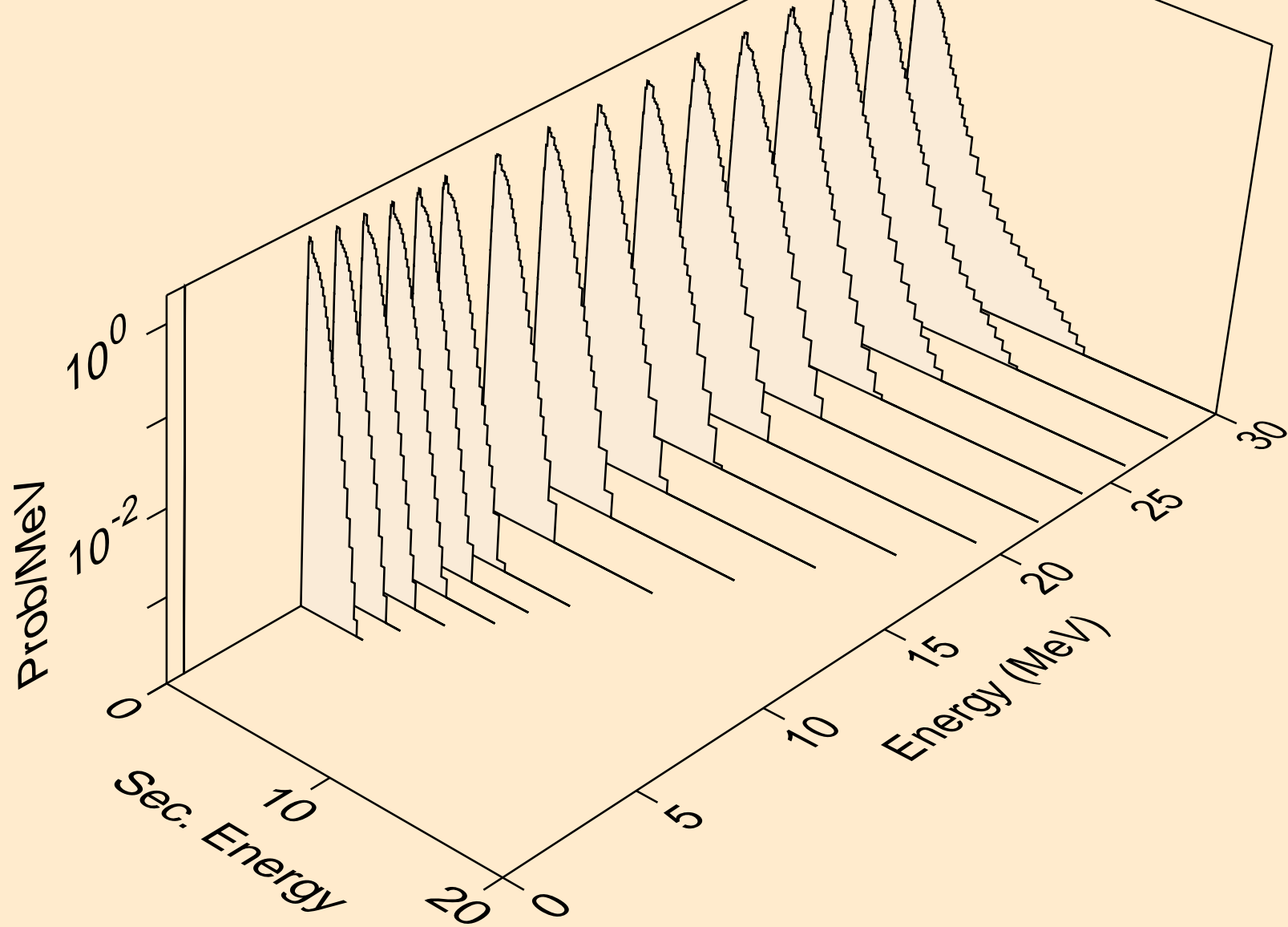
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neutrons from (s,3n)a



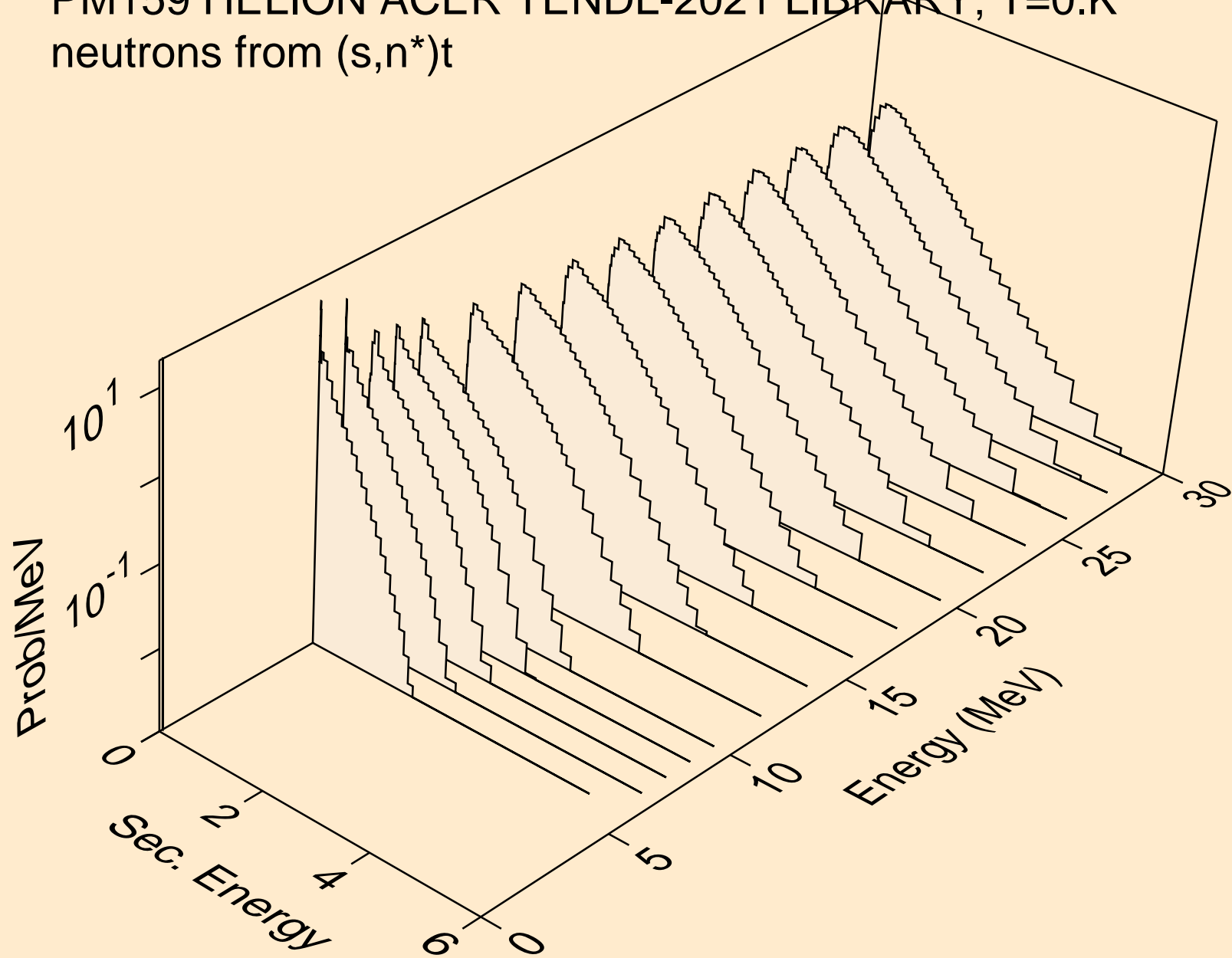
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d

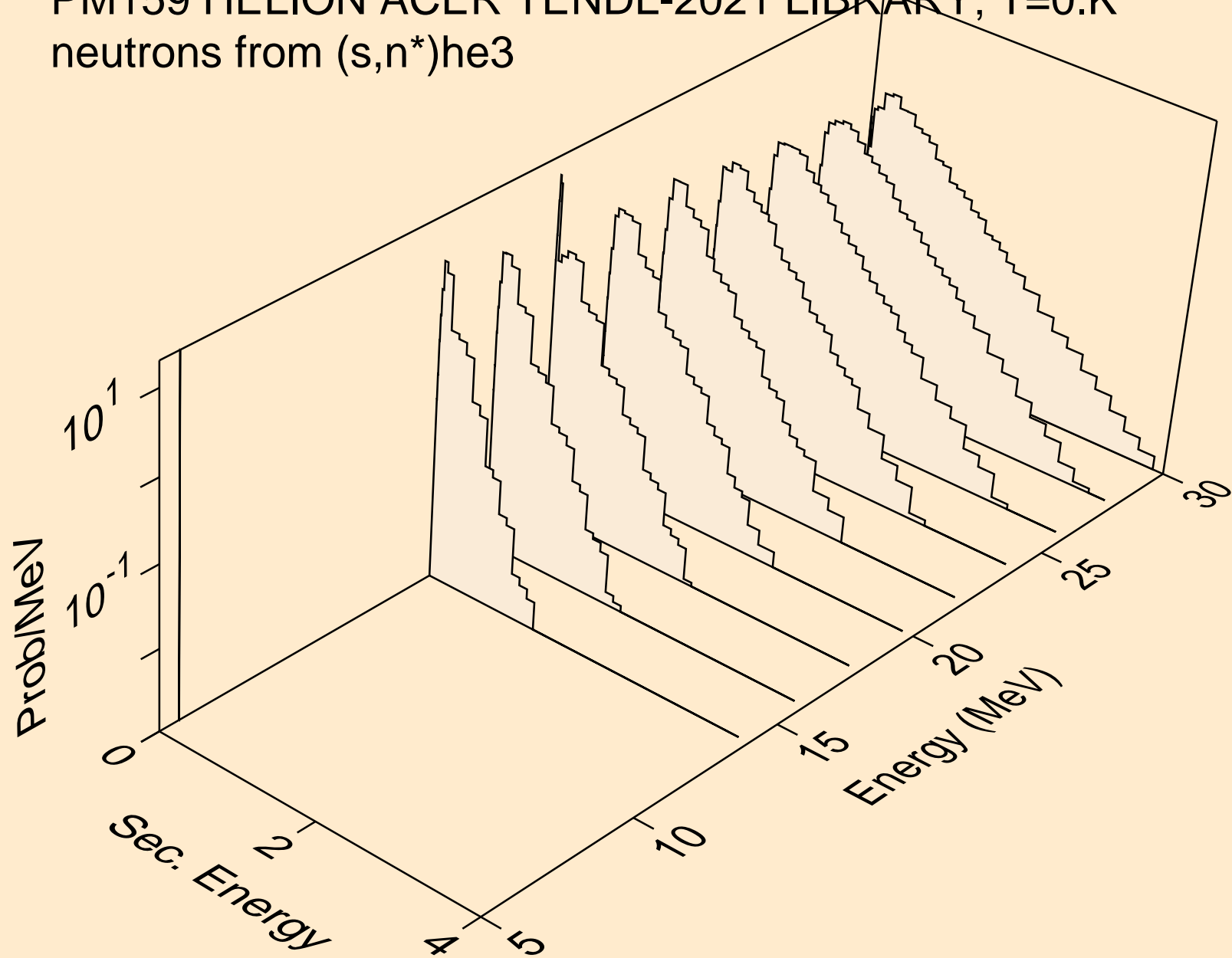


PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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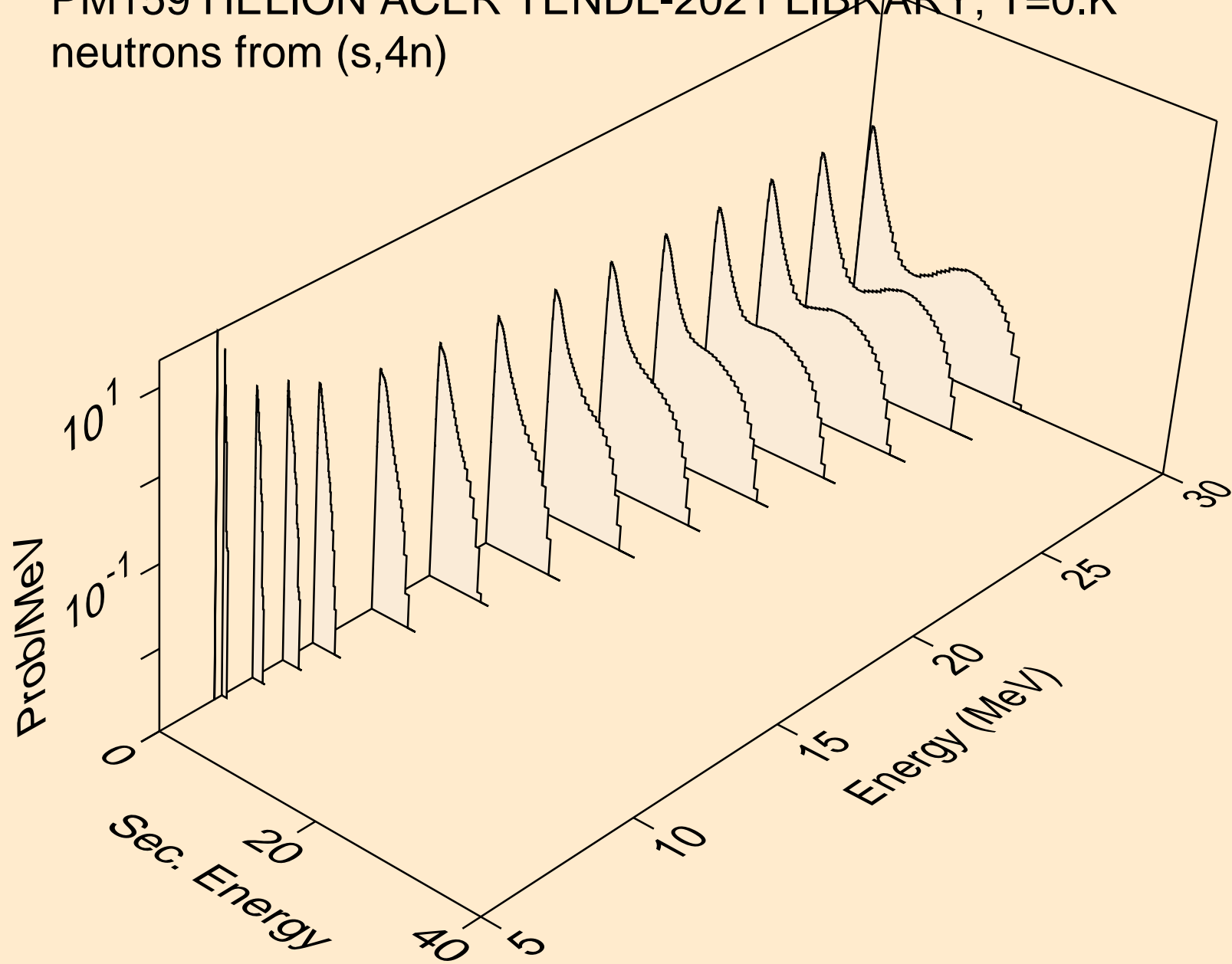




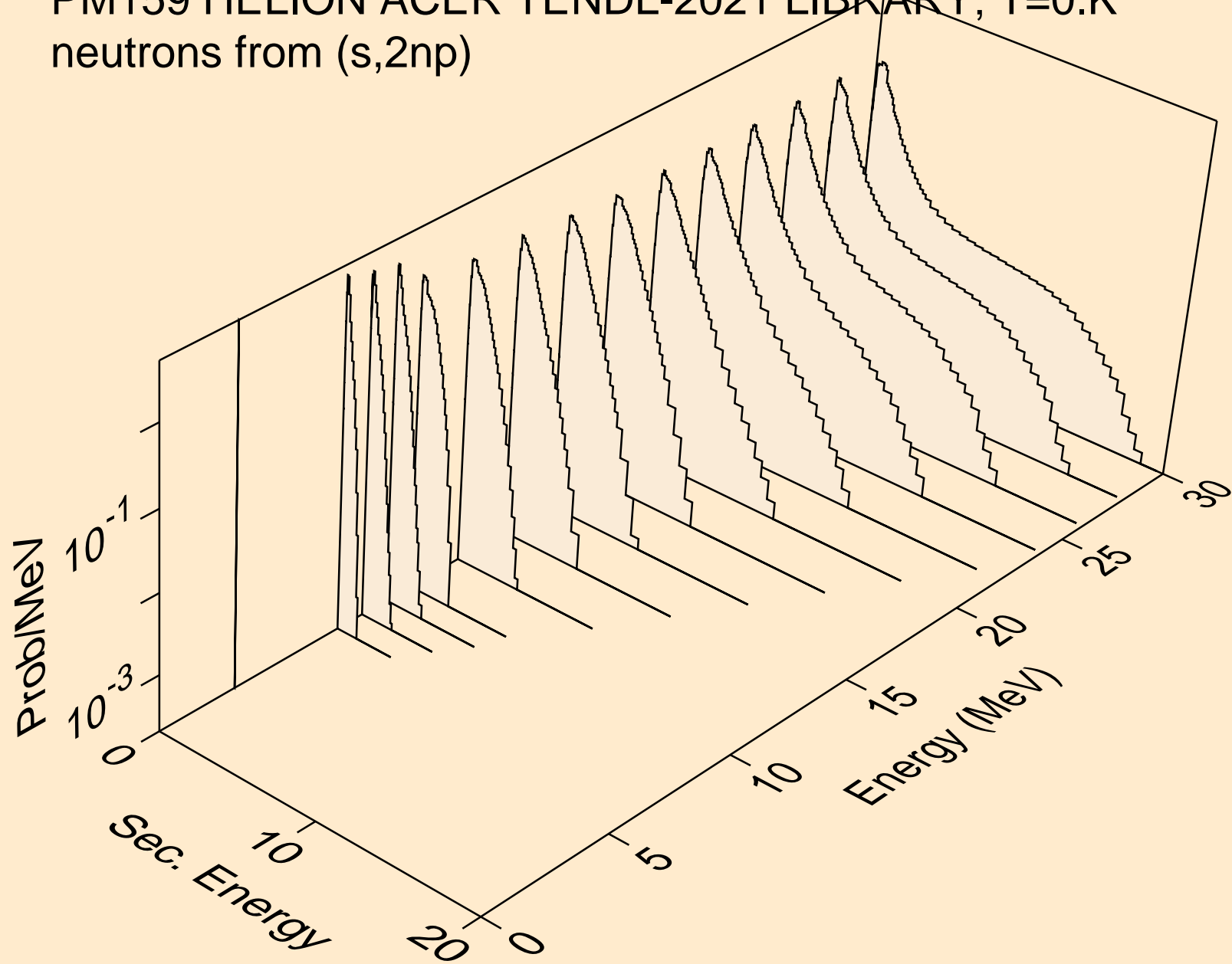
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neutrons from (s,n\*)he3



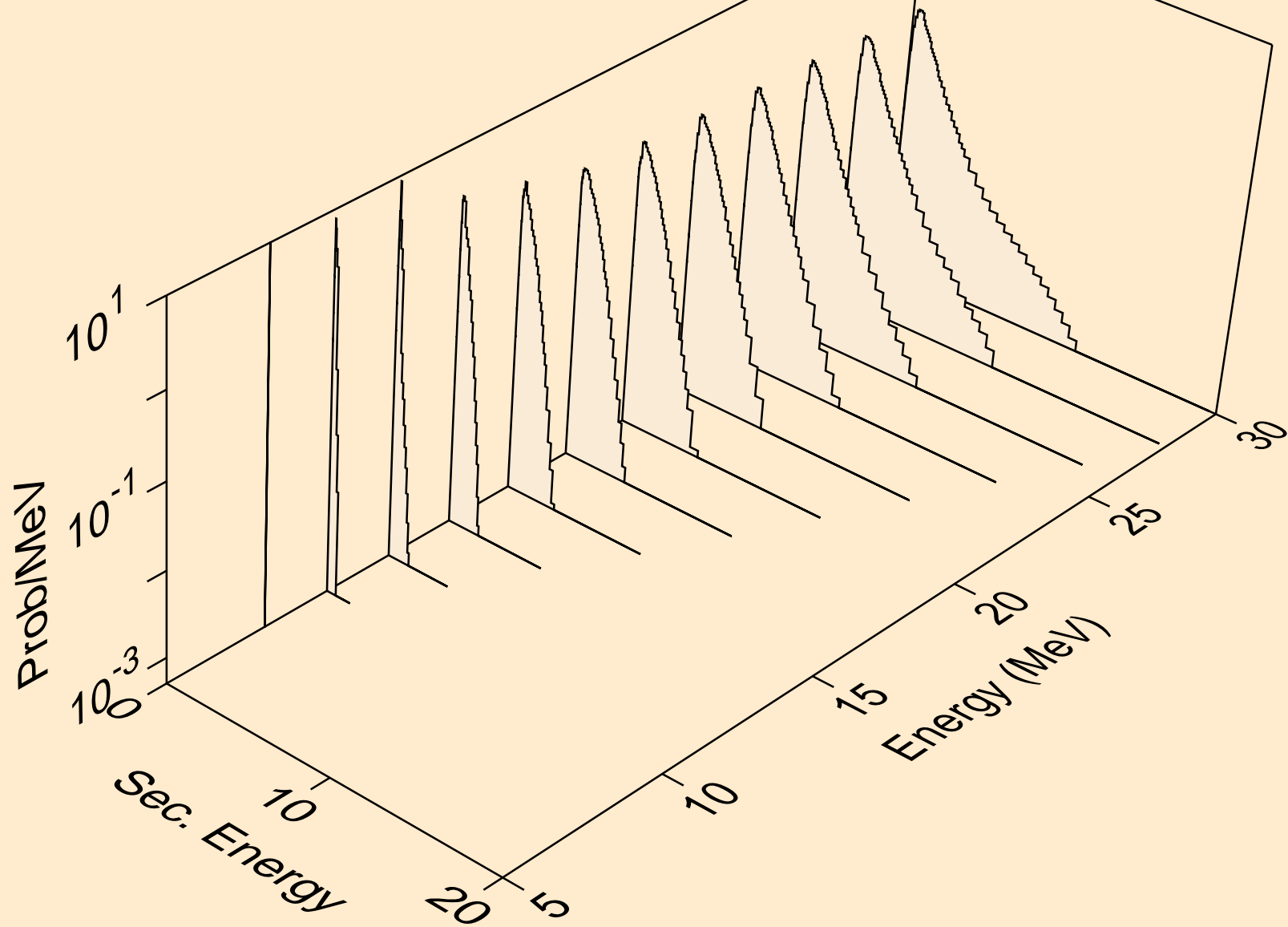
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)



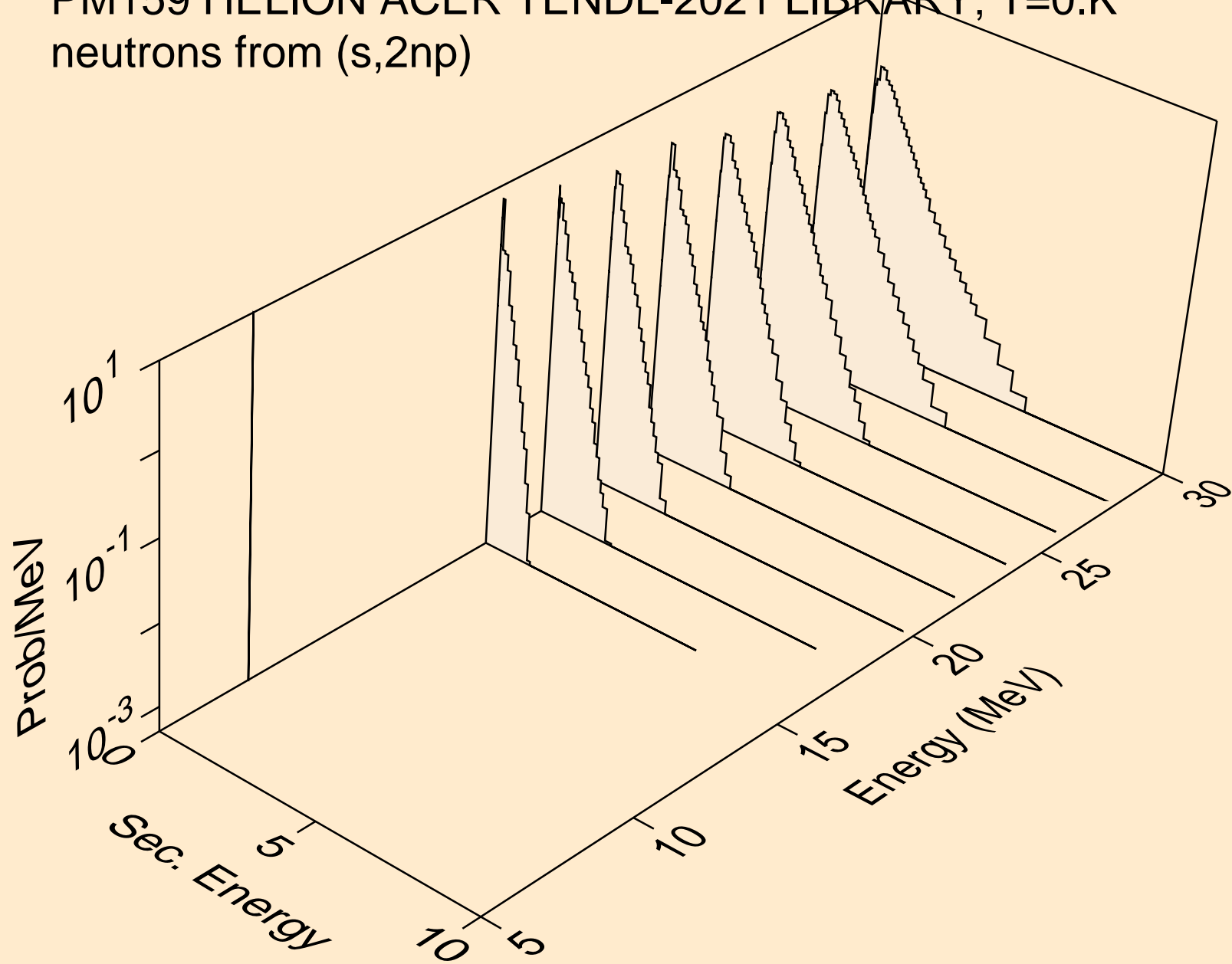
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neutrons from (s,2np)



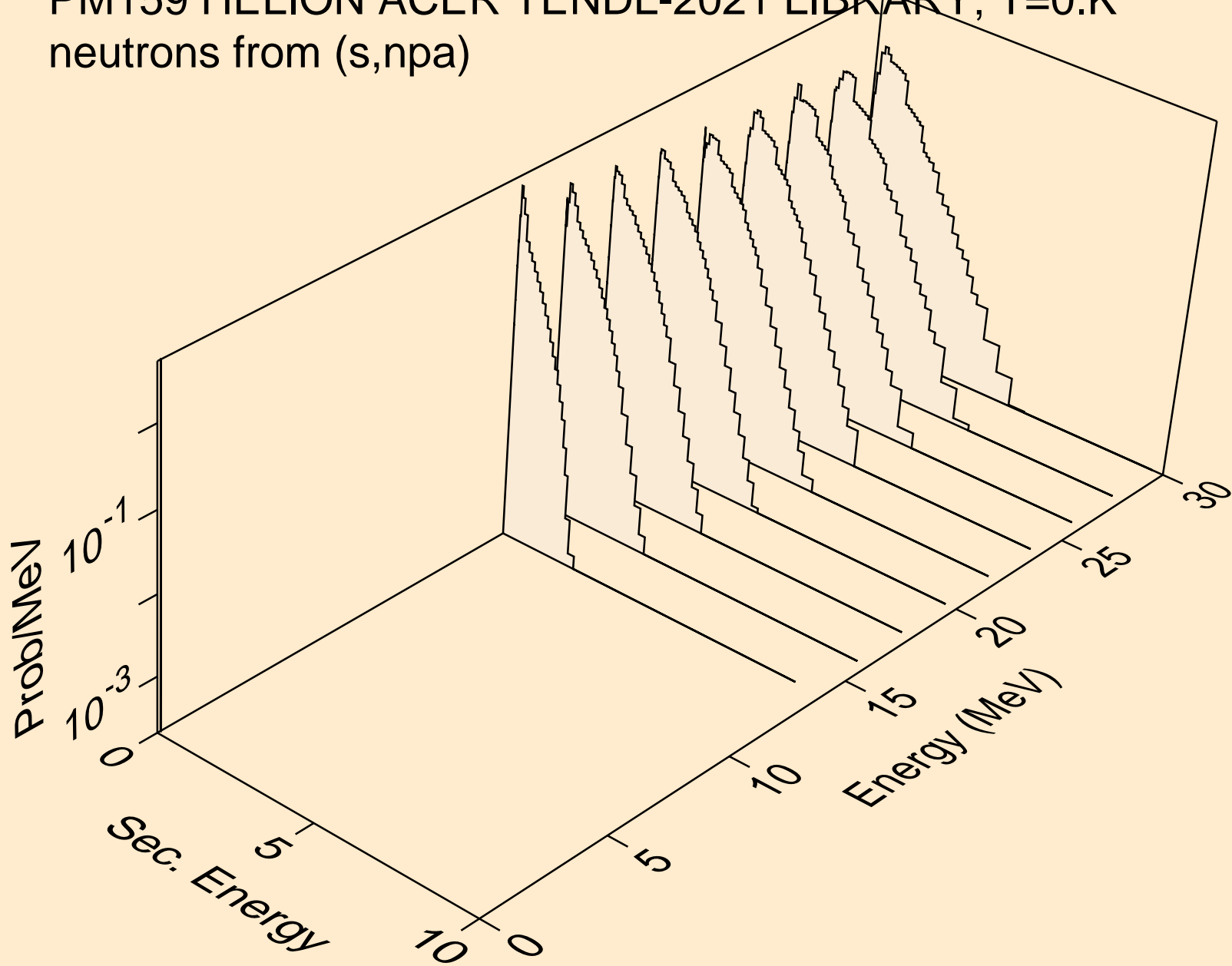
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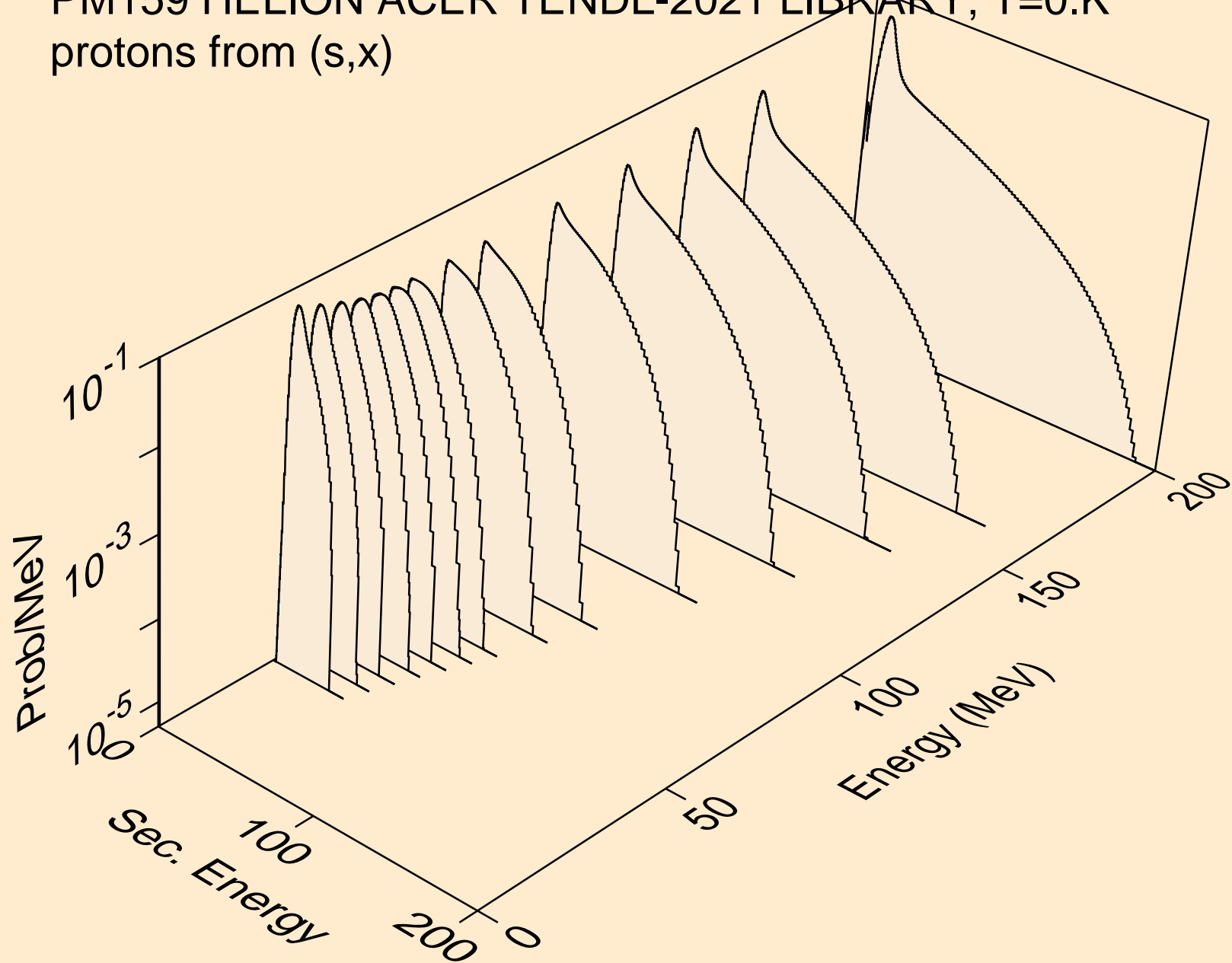
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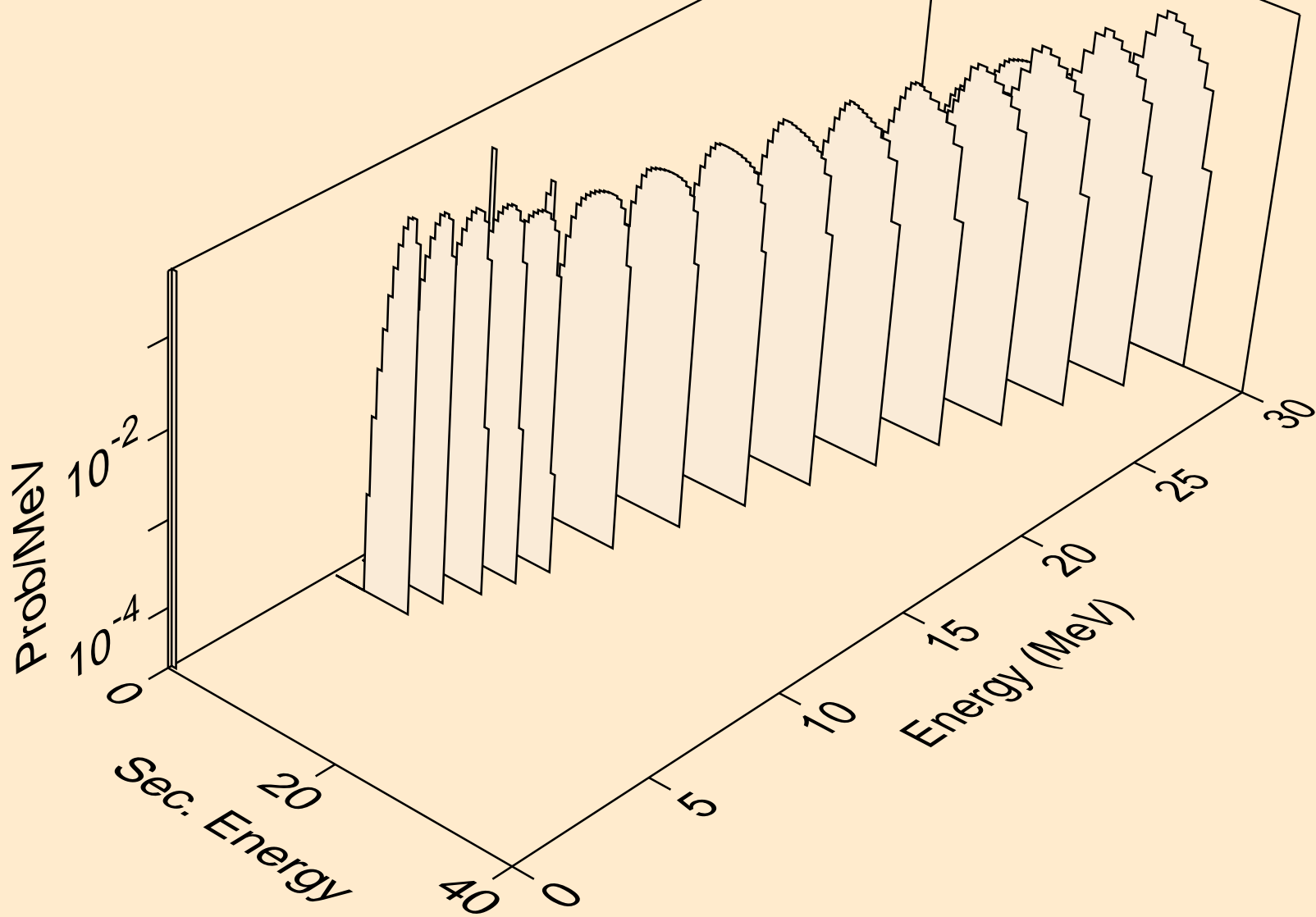
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)

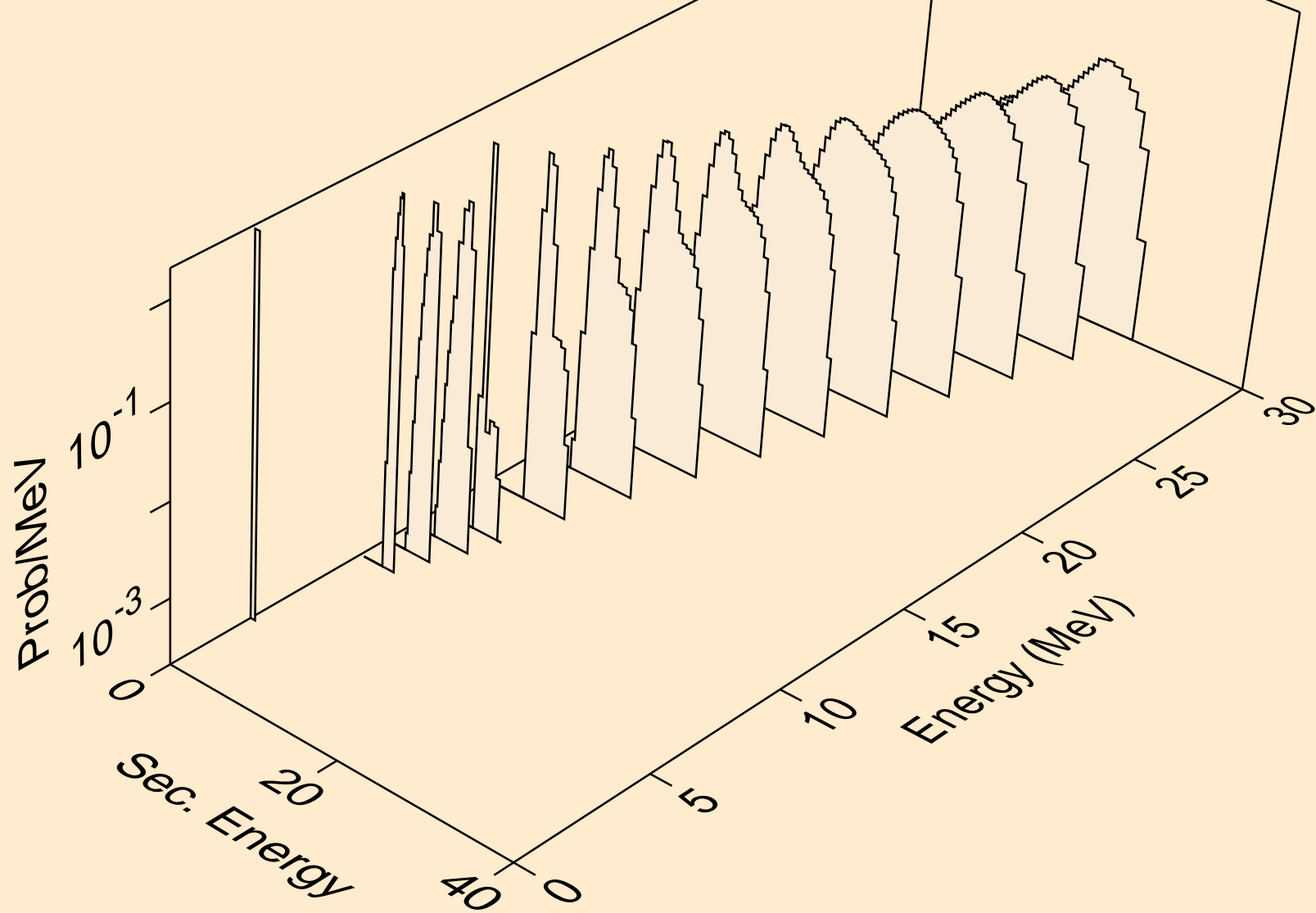


PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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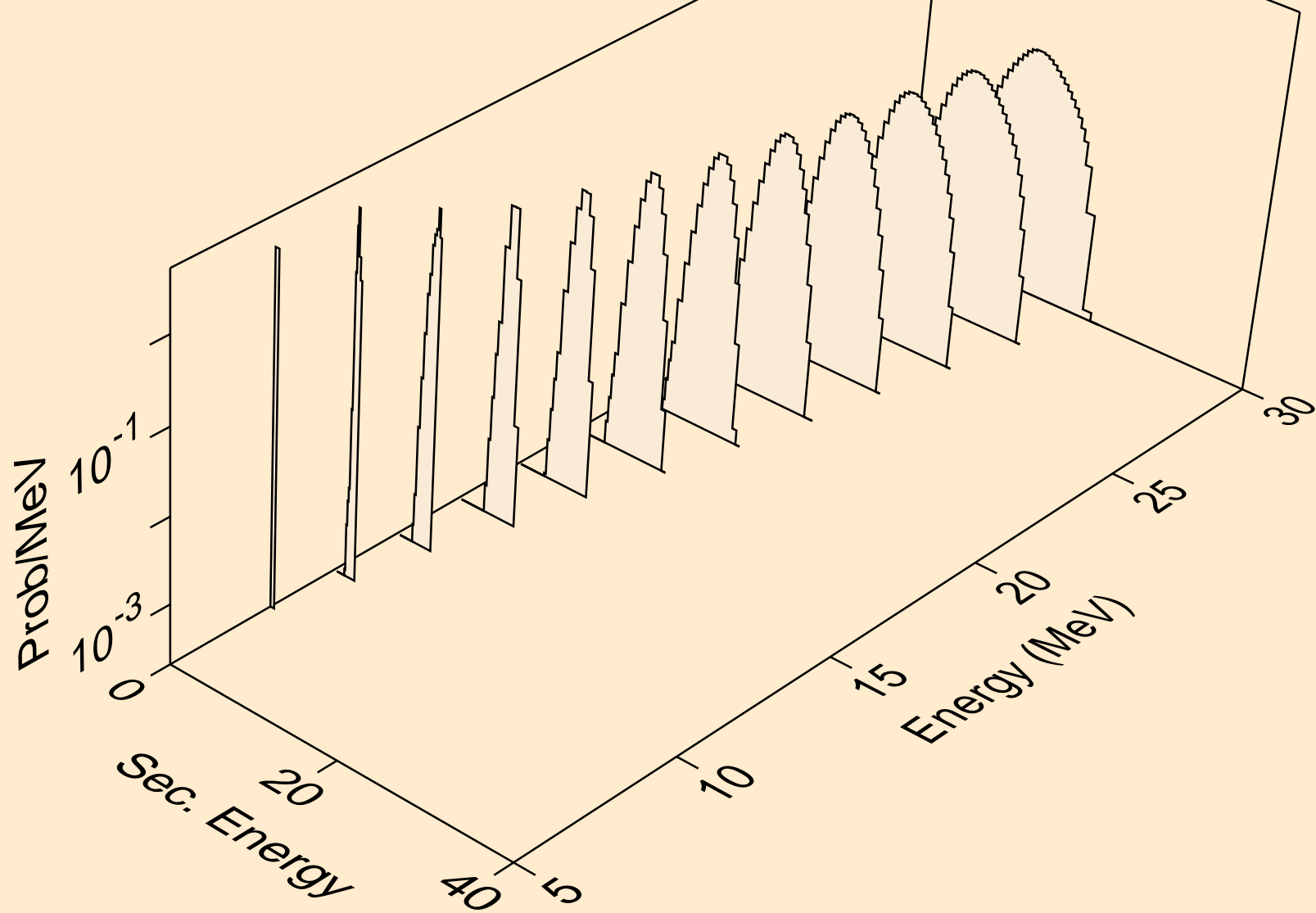




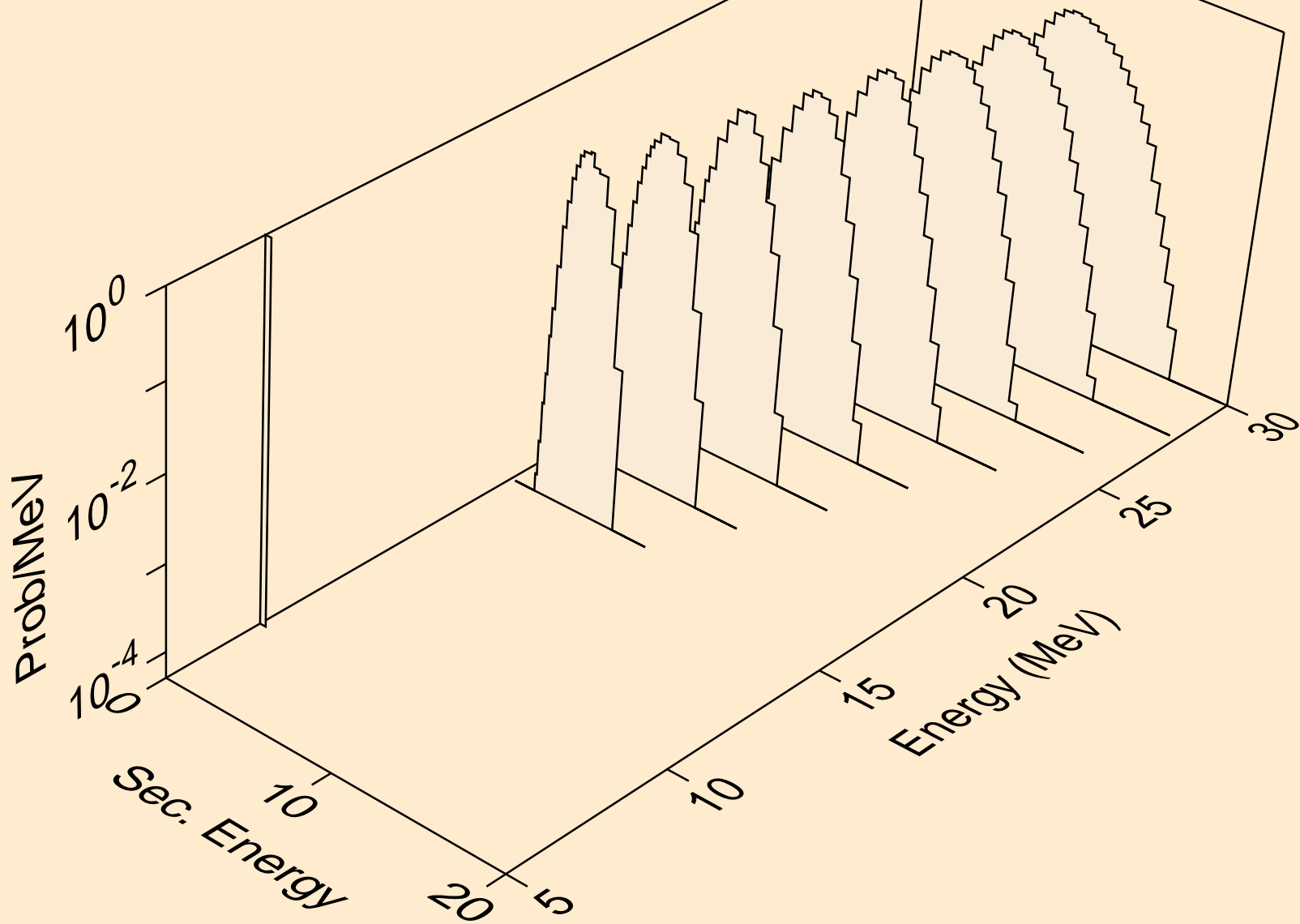
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protons from (s,2np)



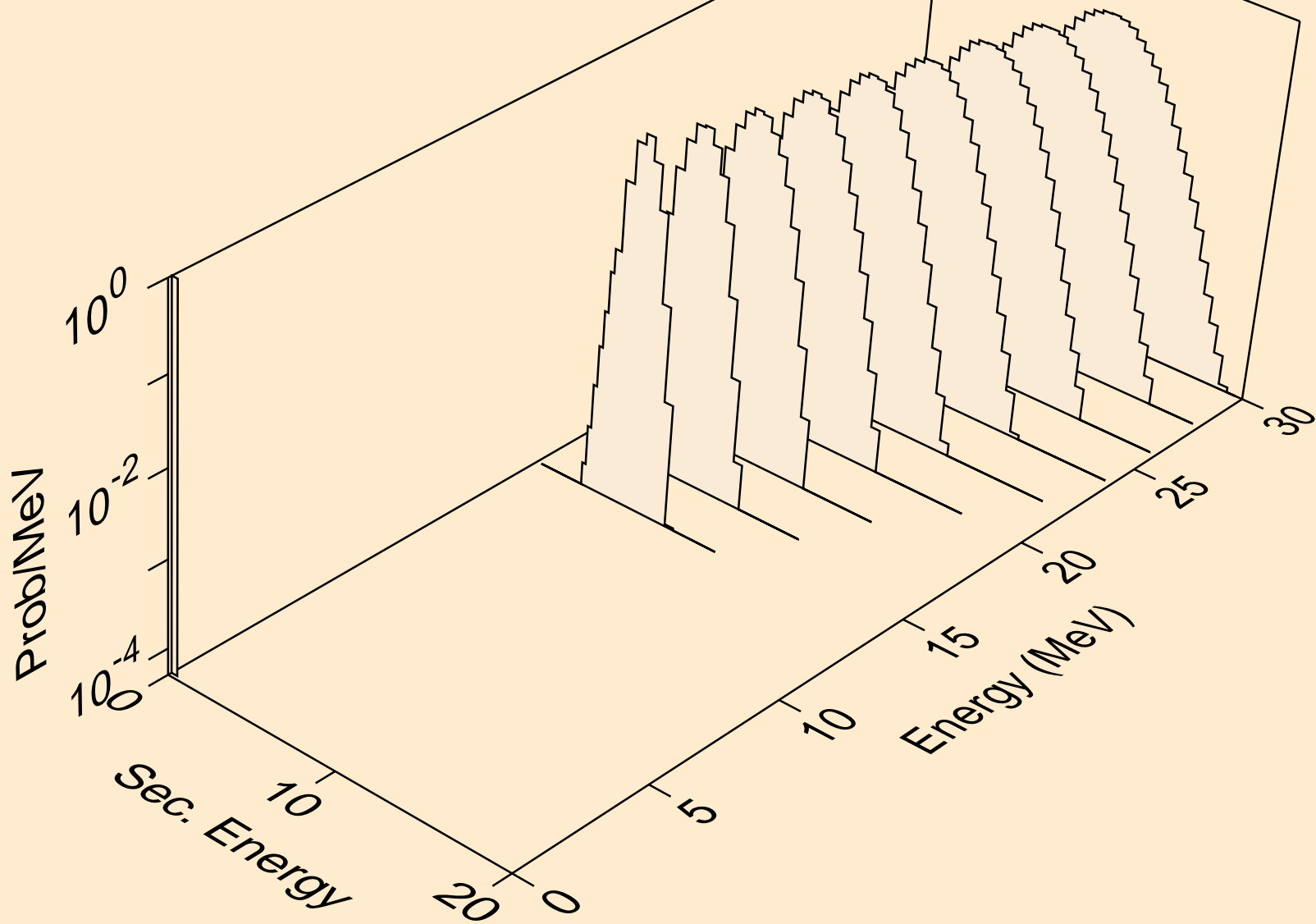
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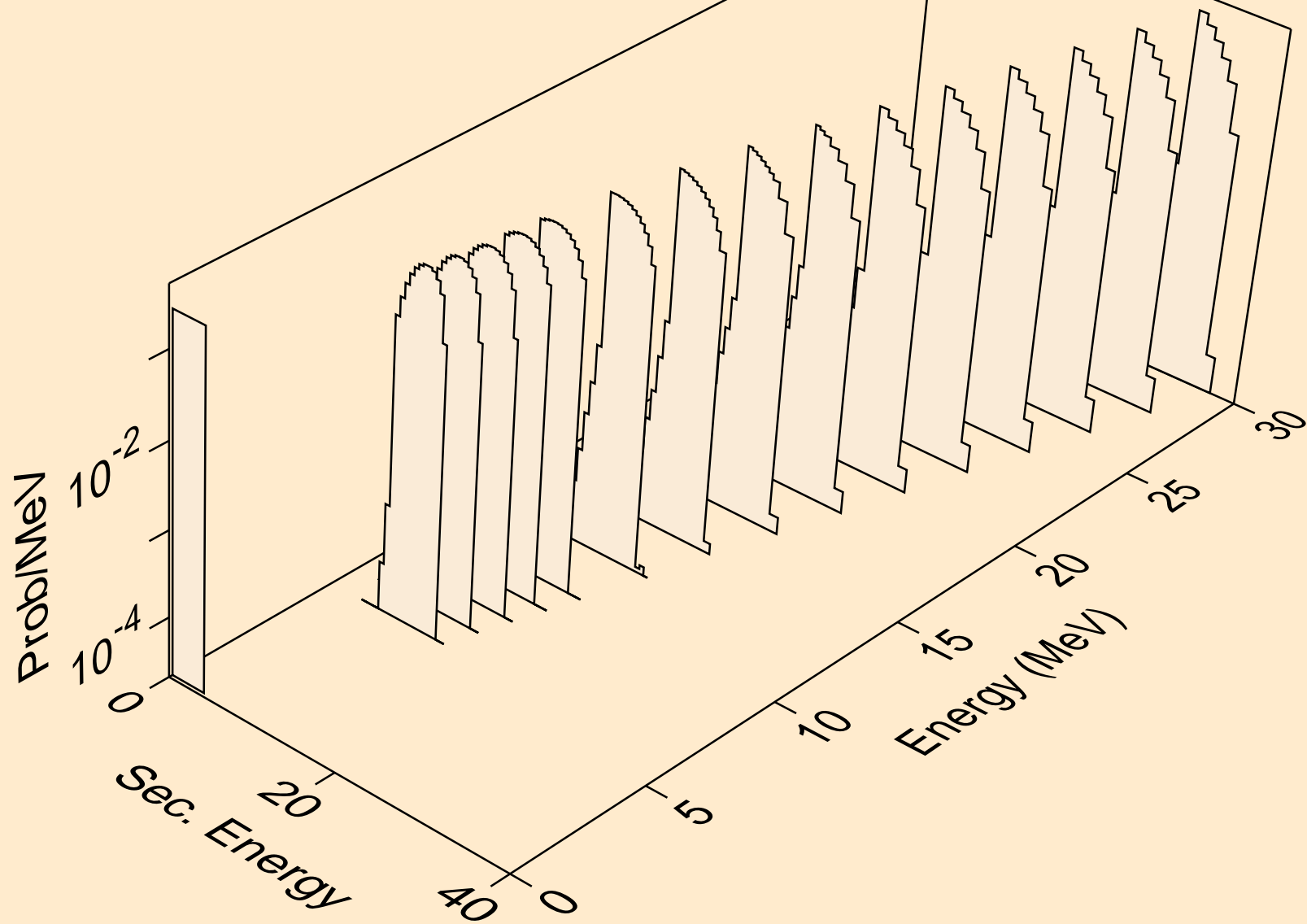
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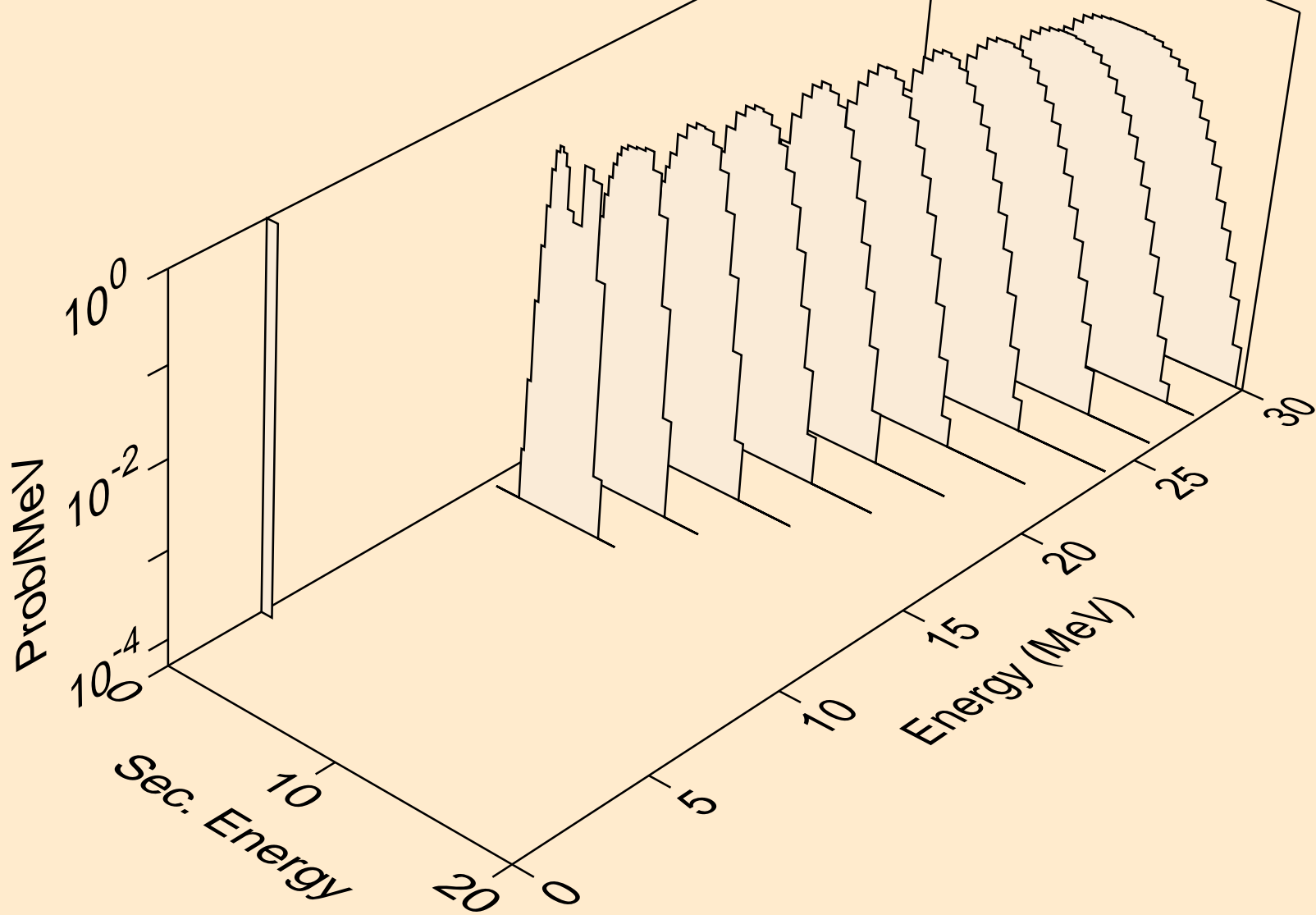
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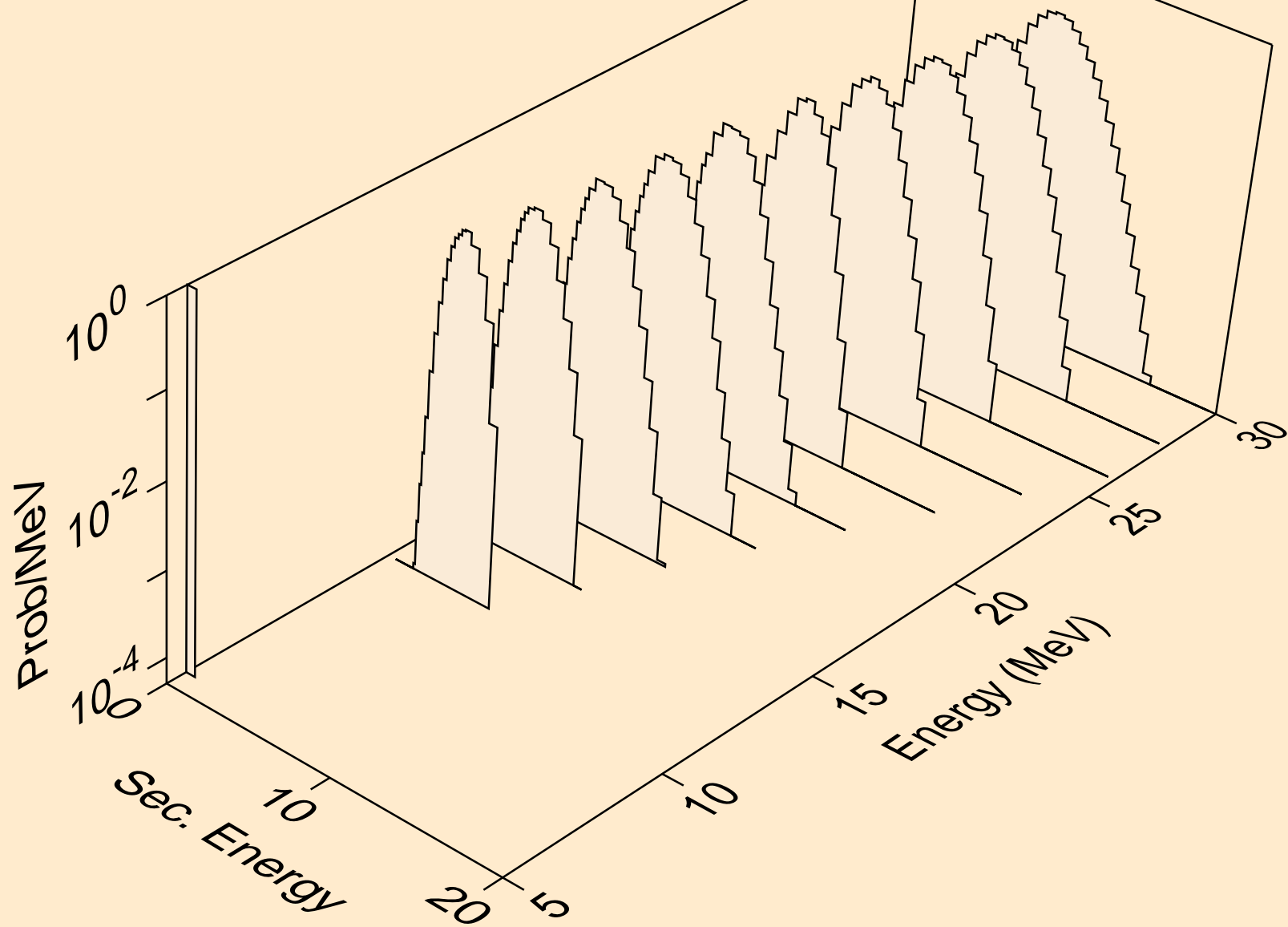
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protons from (s,p)



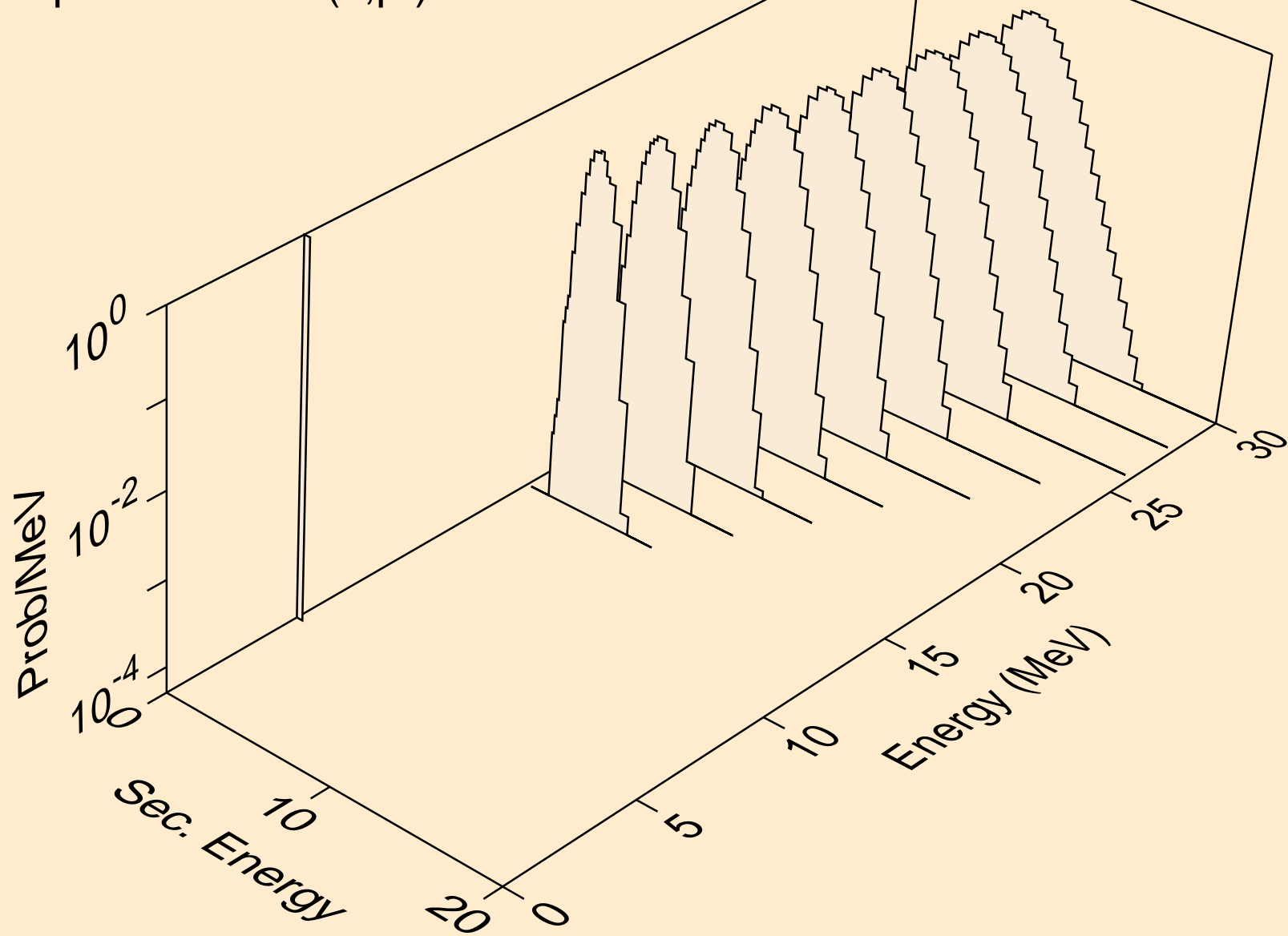
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)

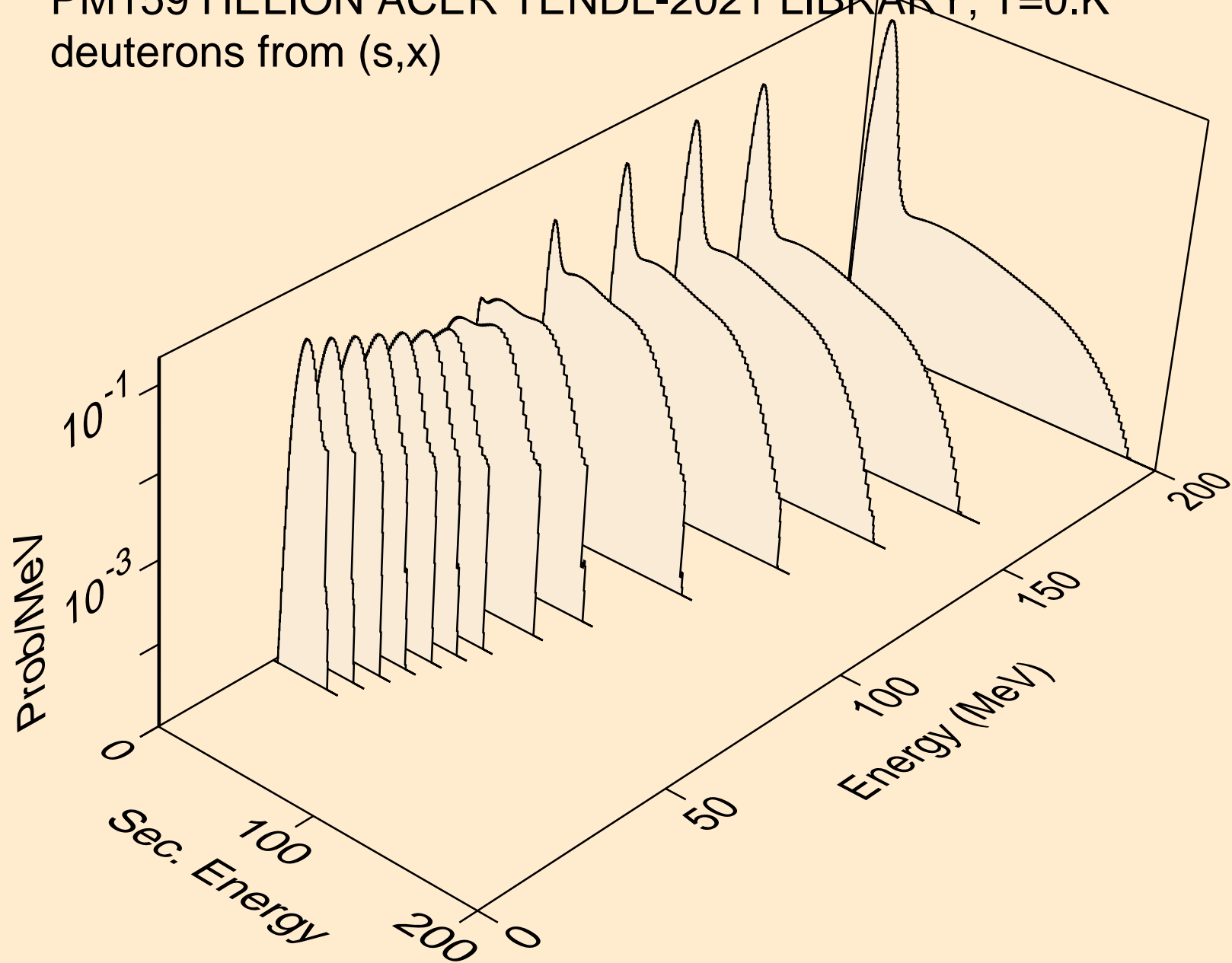


PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

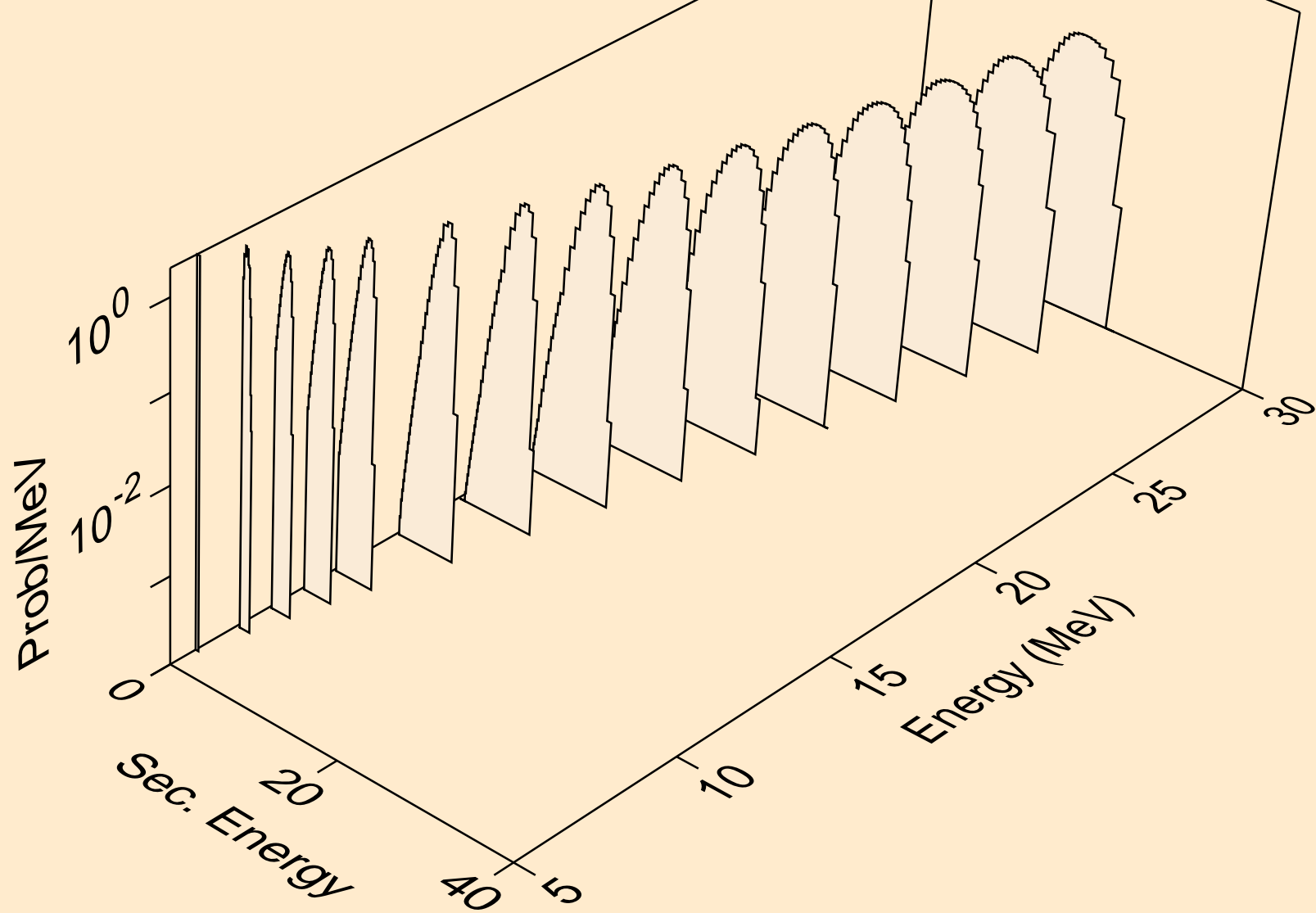




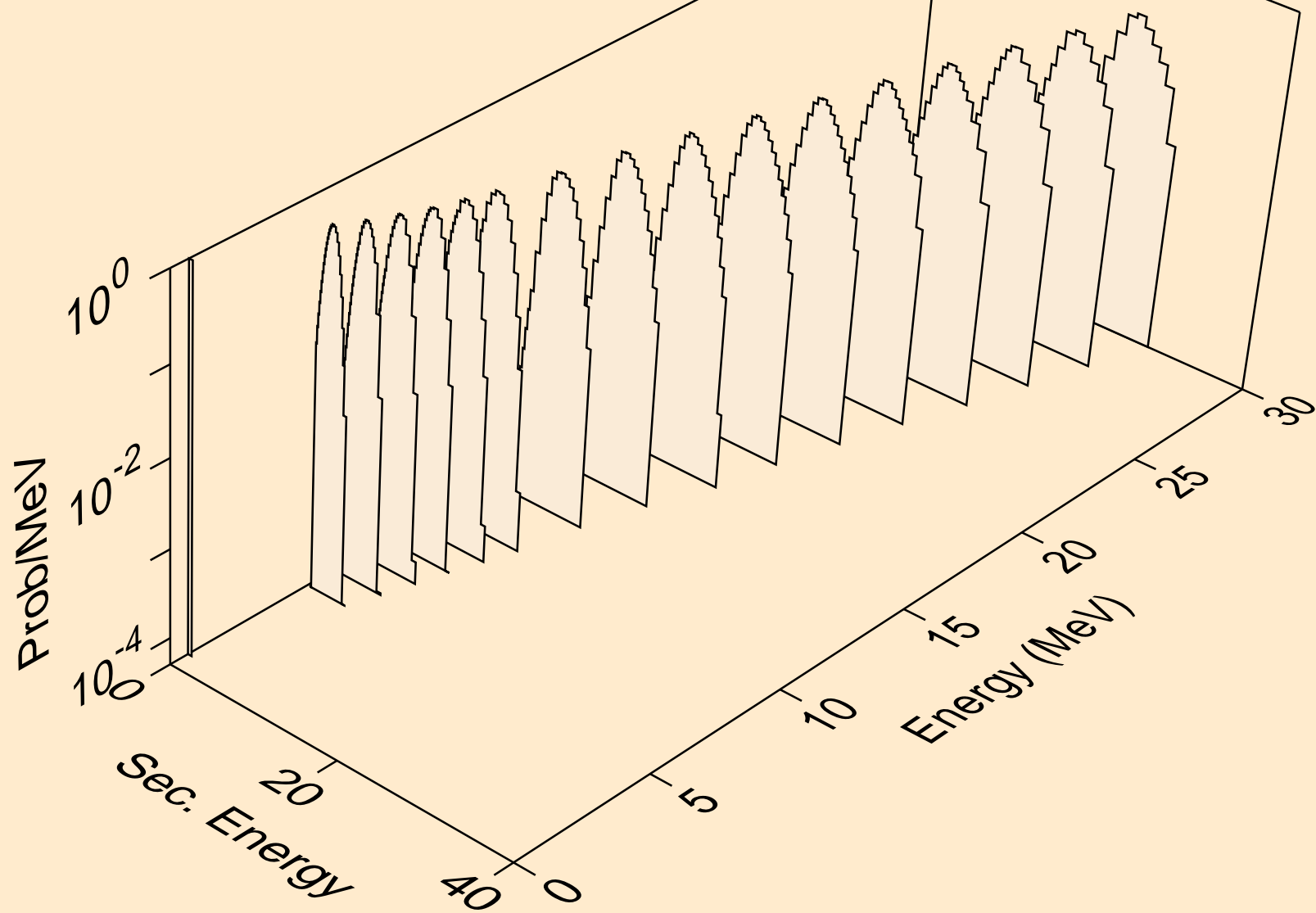
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deuterons from (s,x)



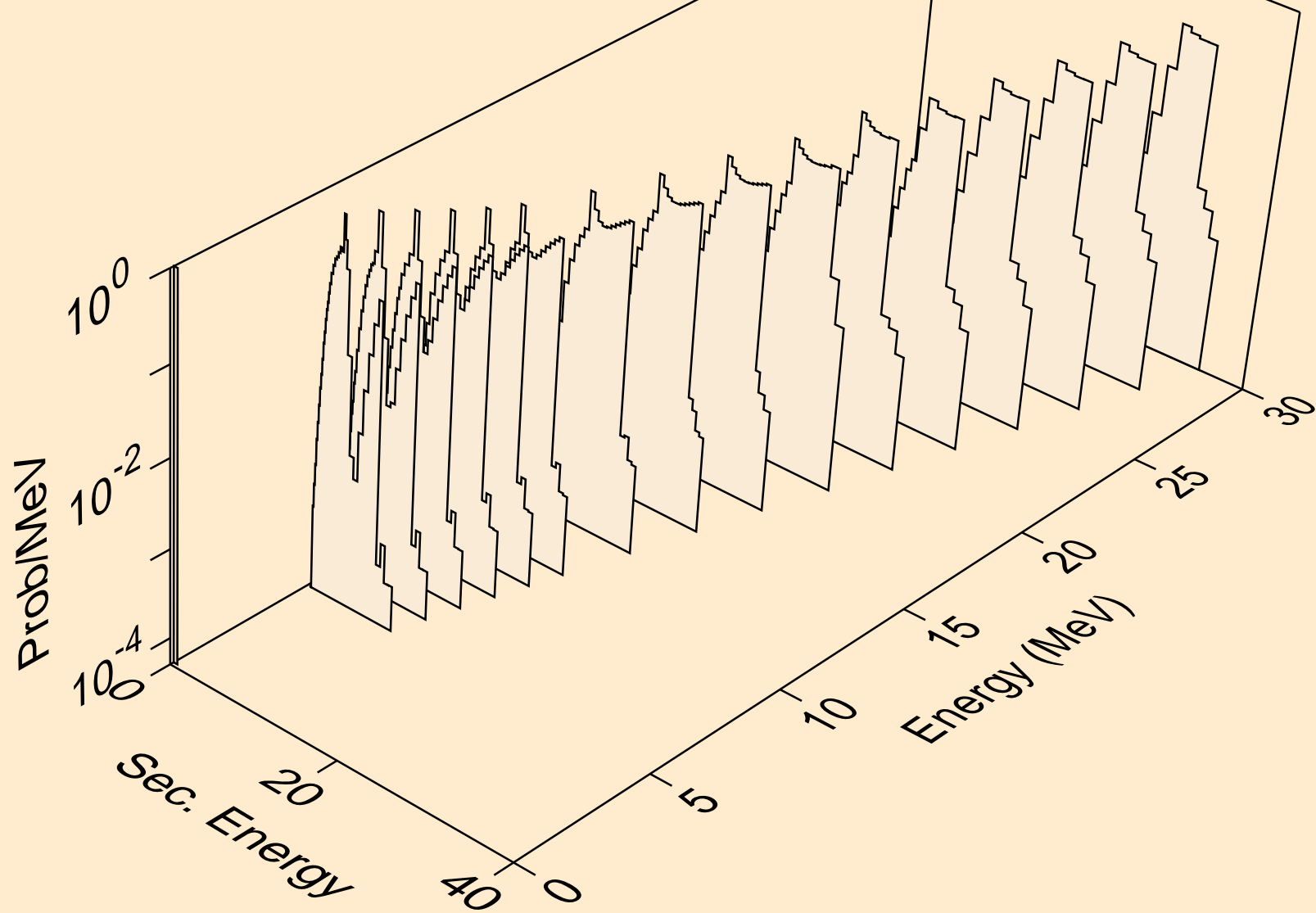
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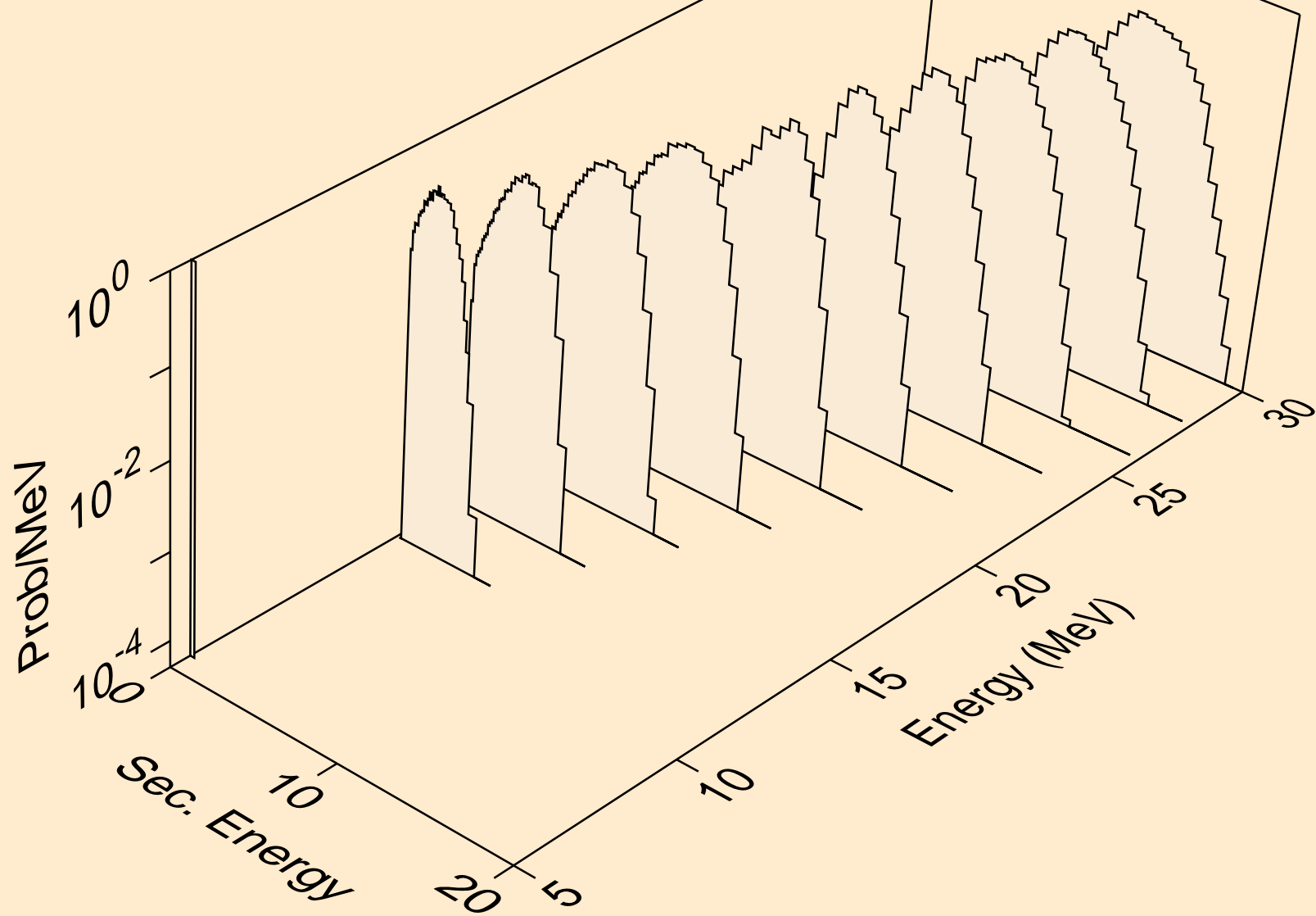
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deuterons from (s,n\*)d



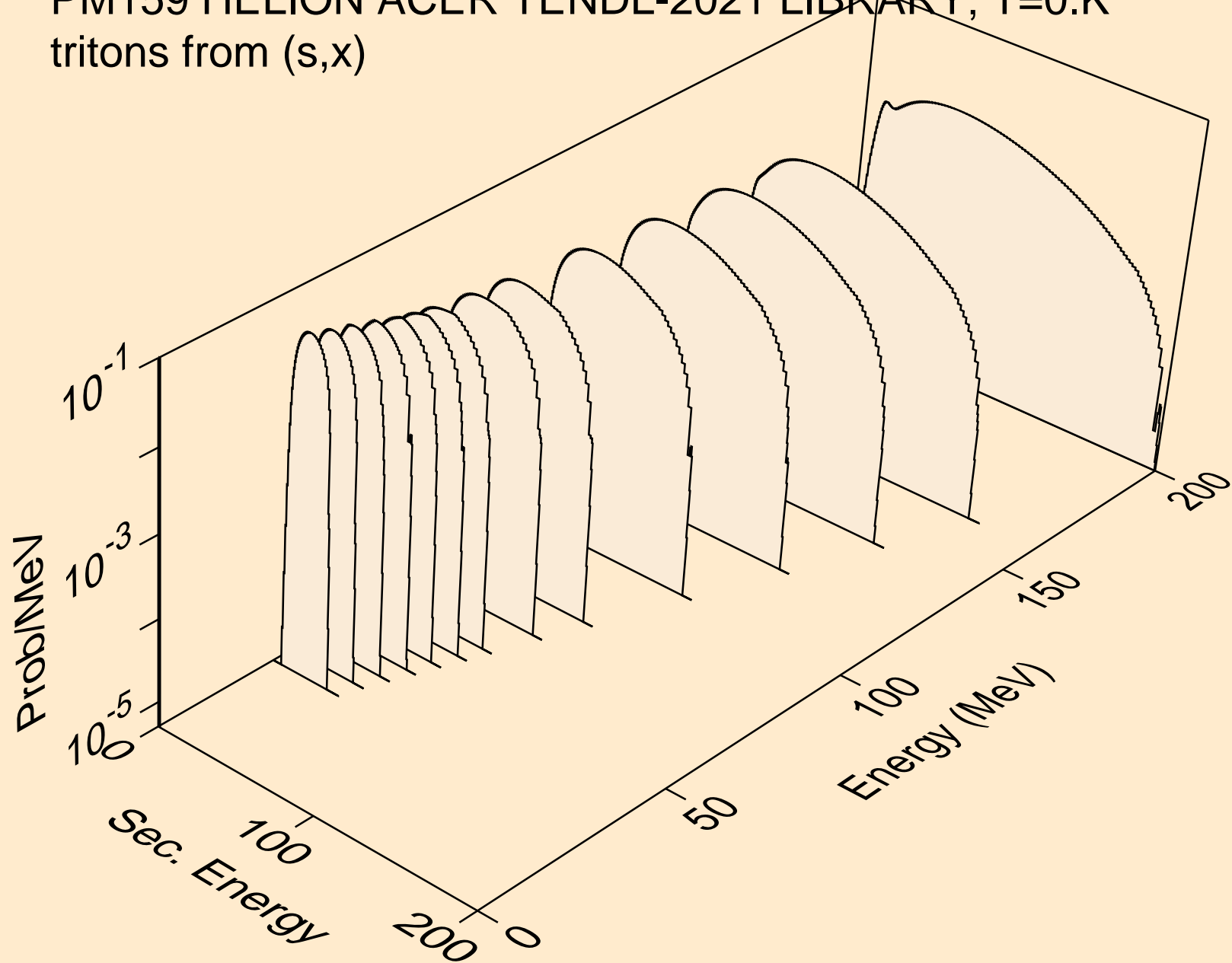
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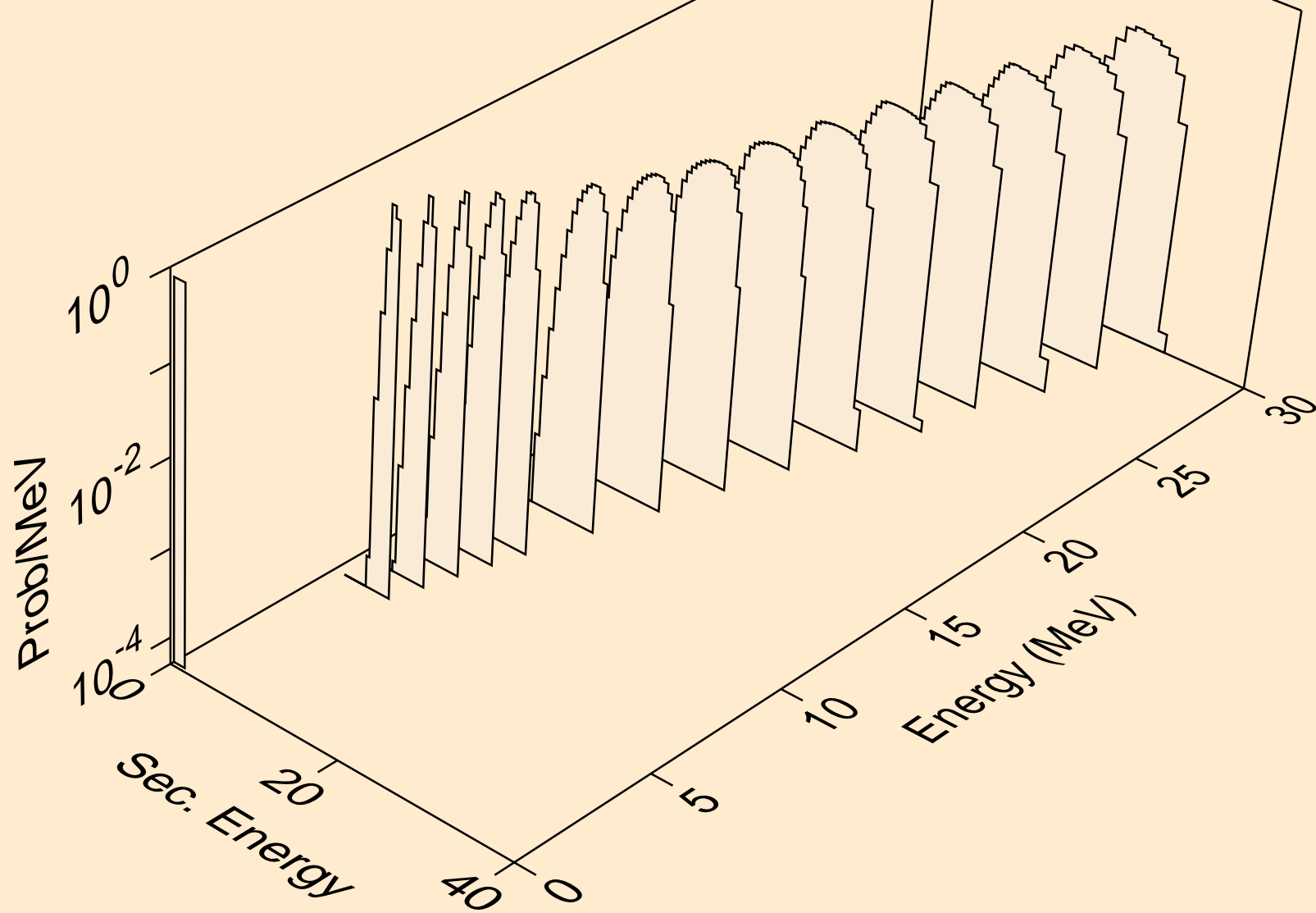
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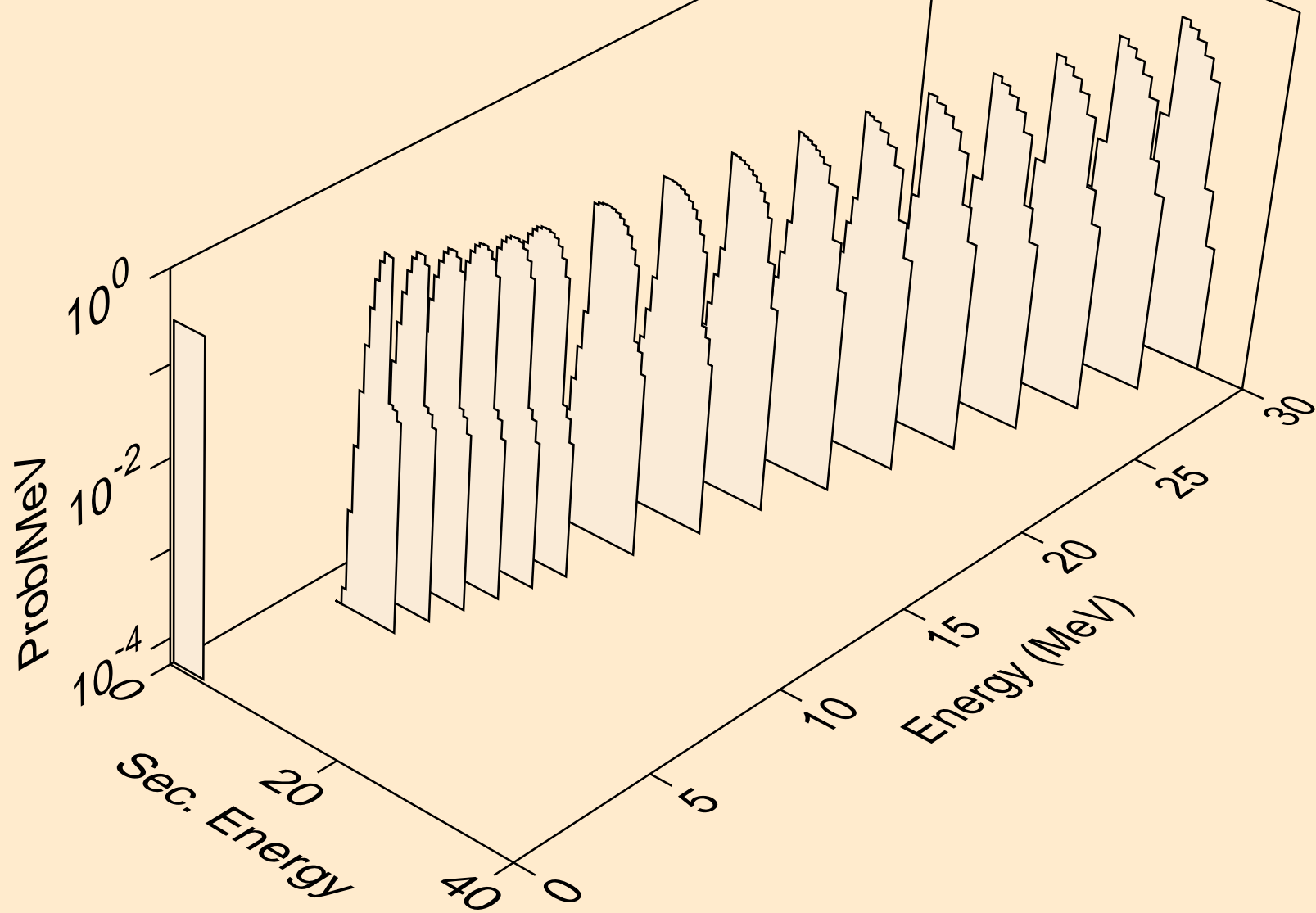
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

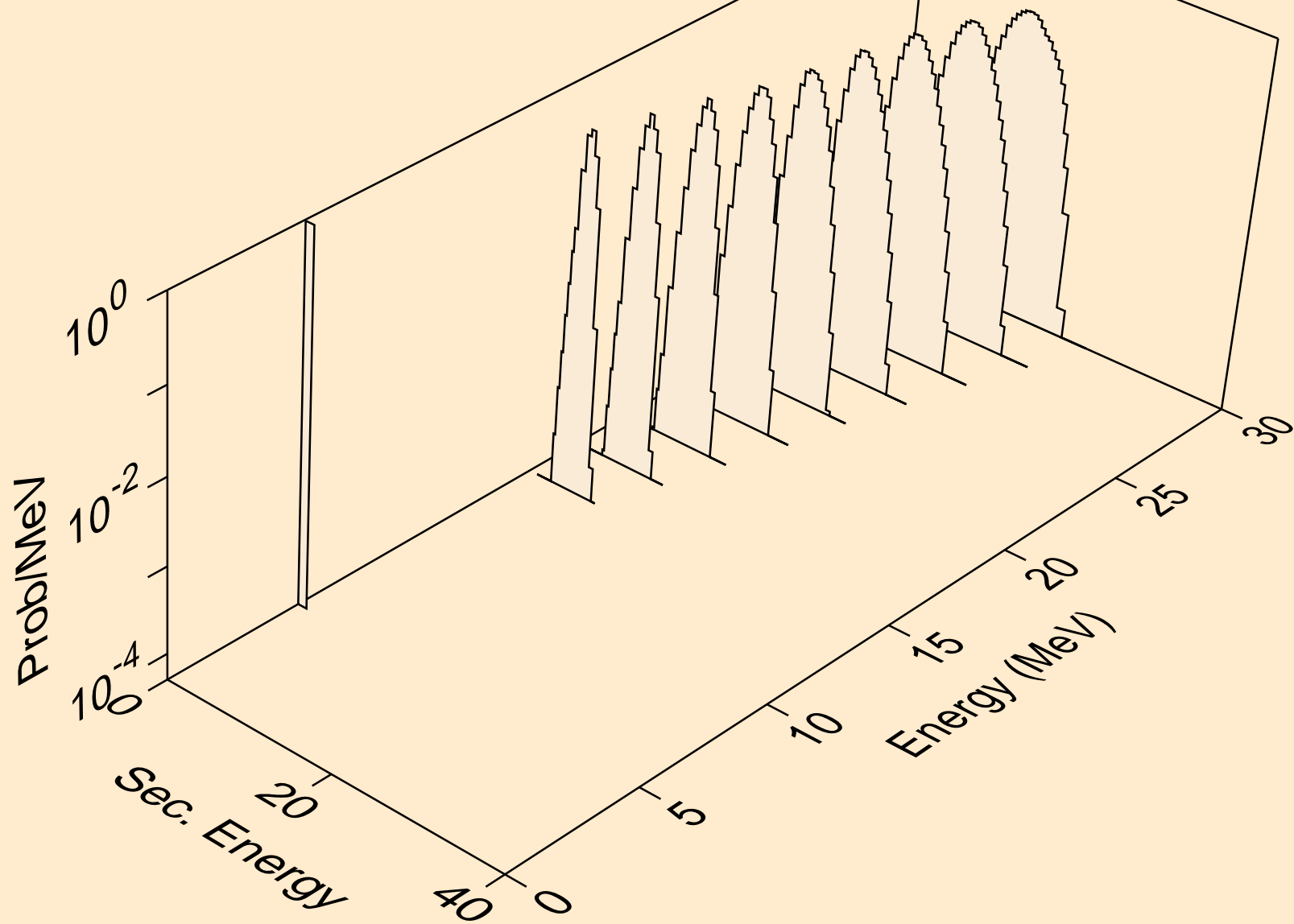


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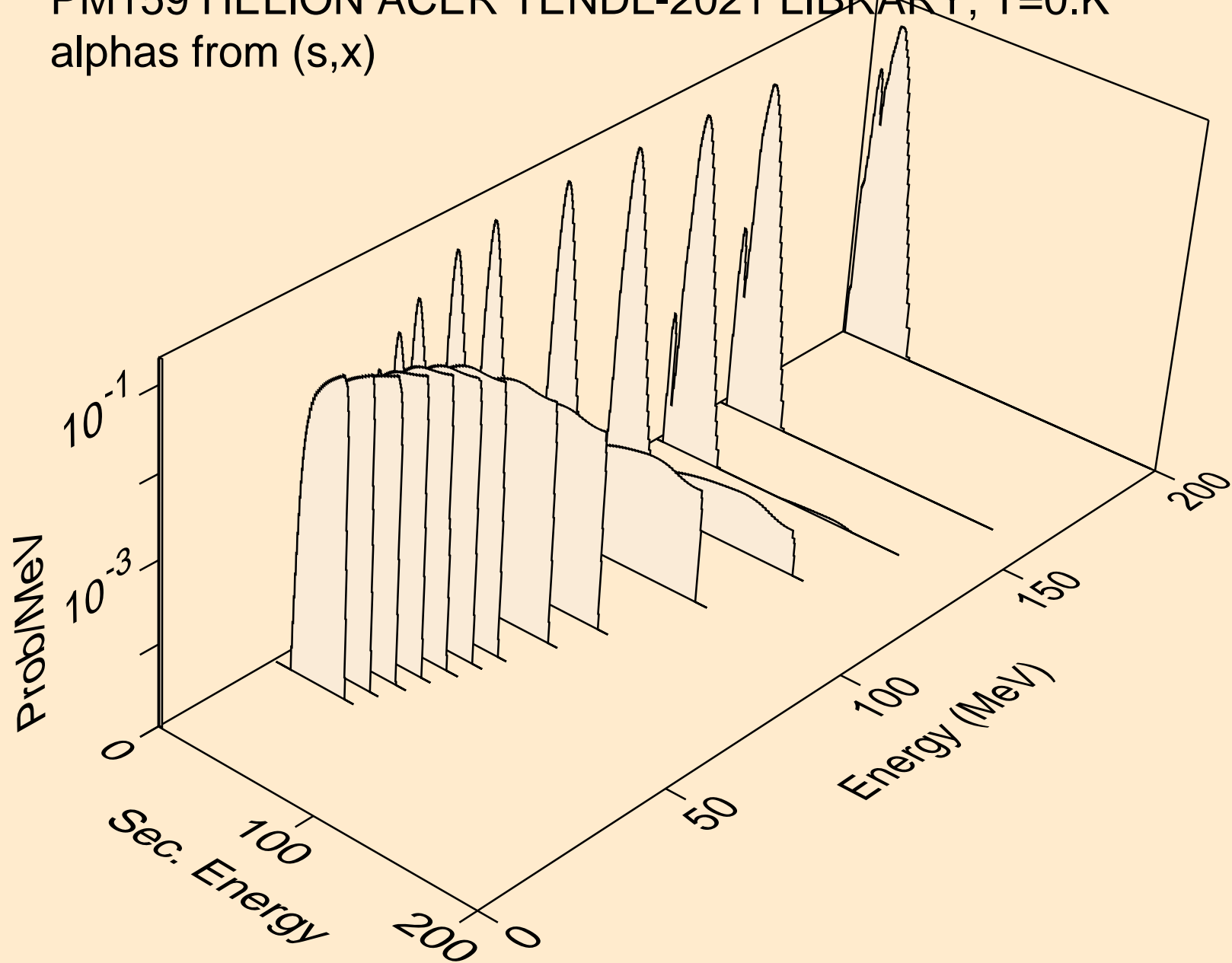




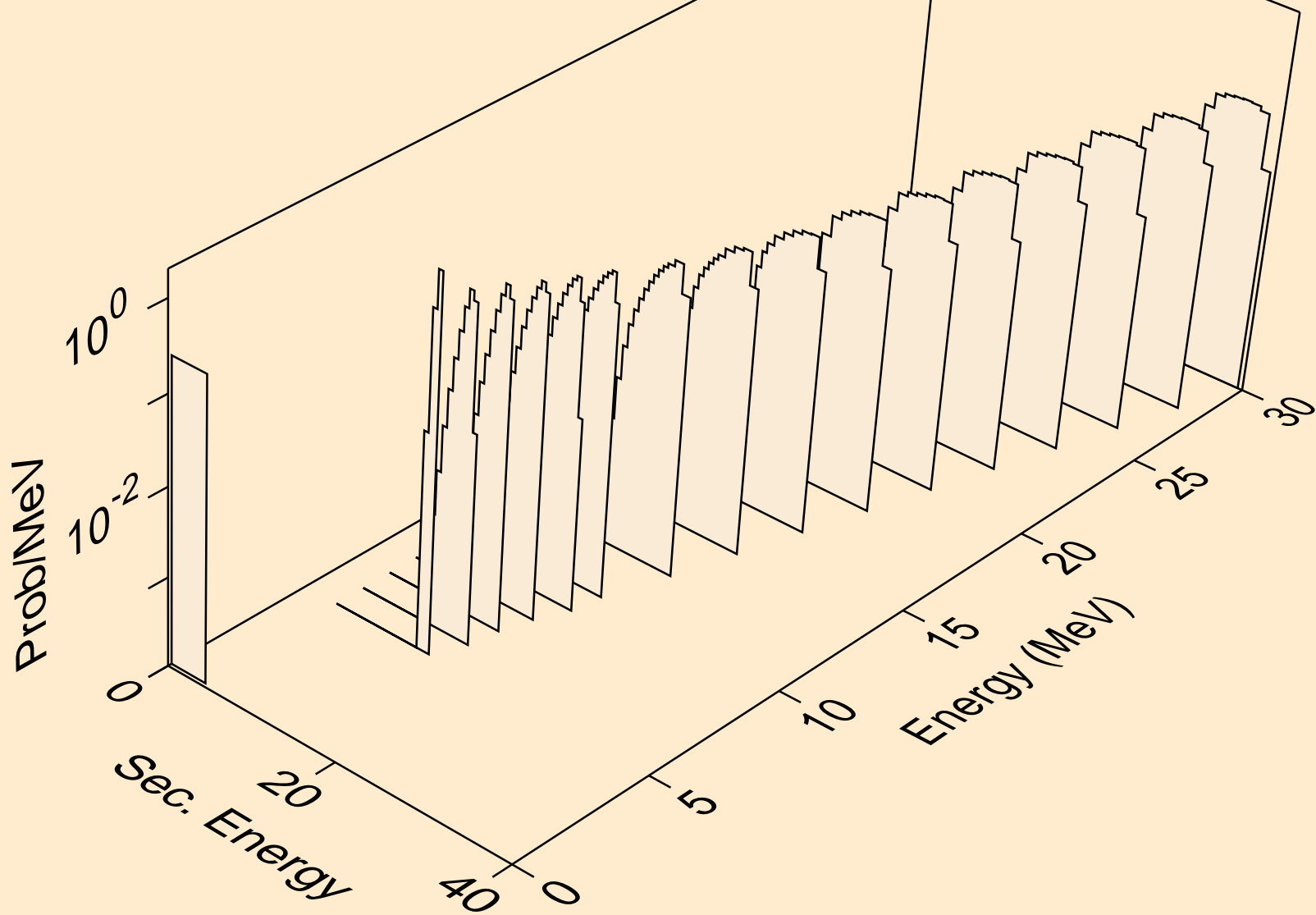
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tritons from (s,pt)



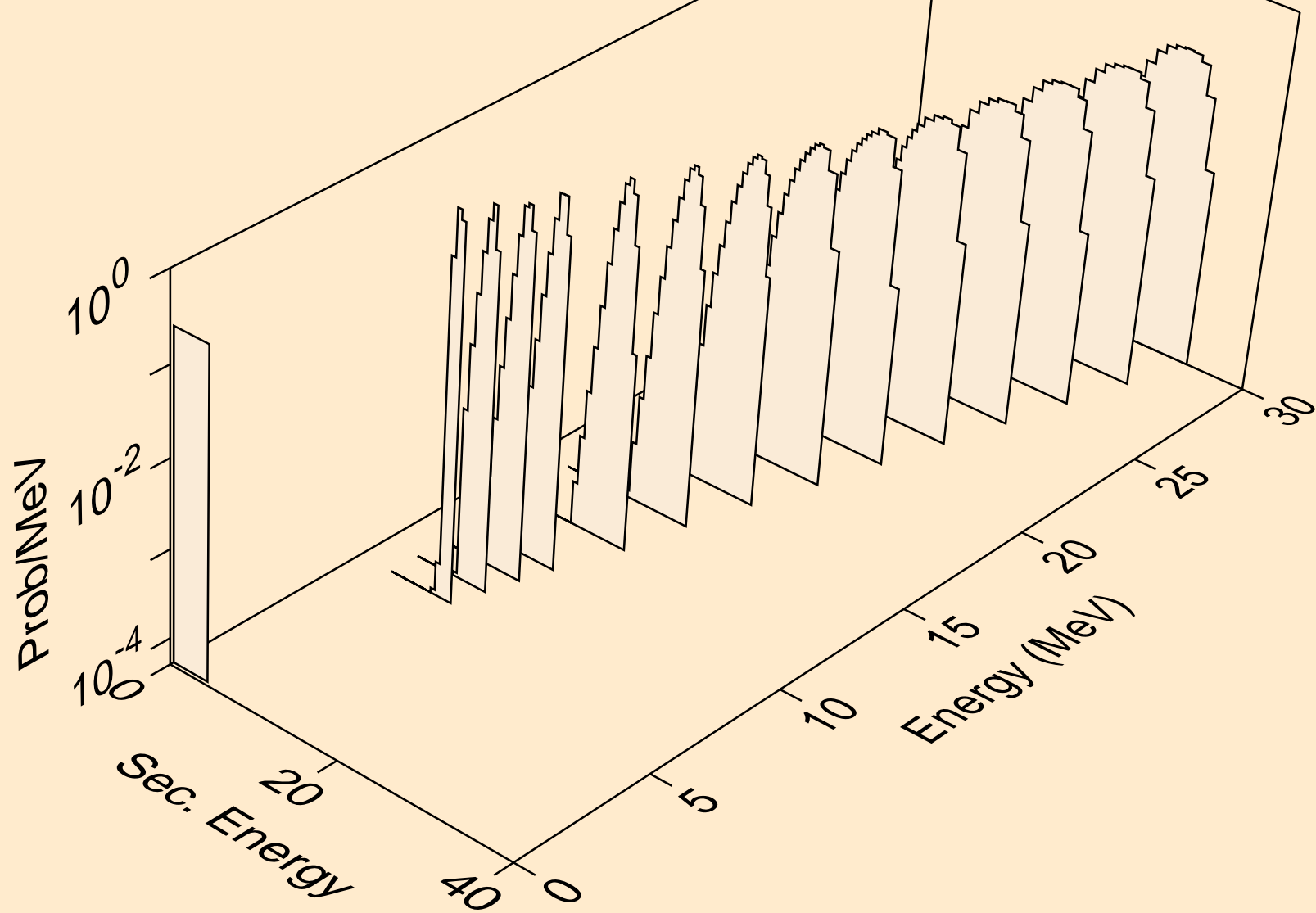
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



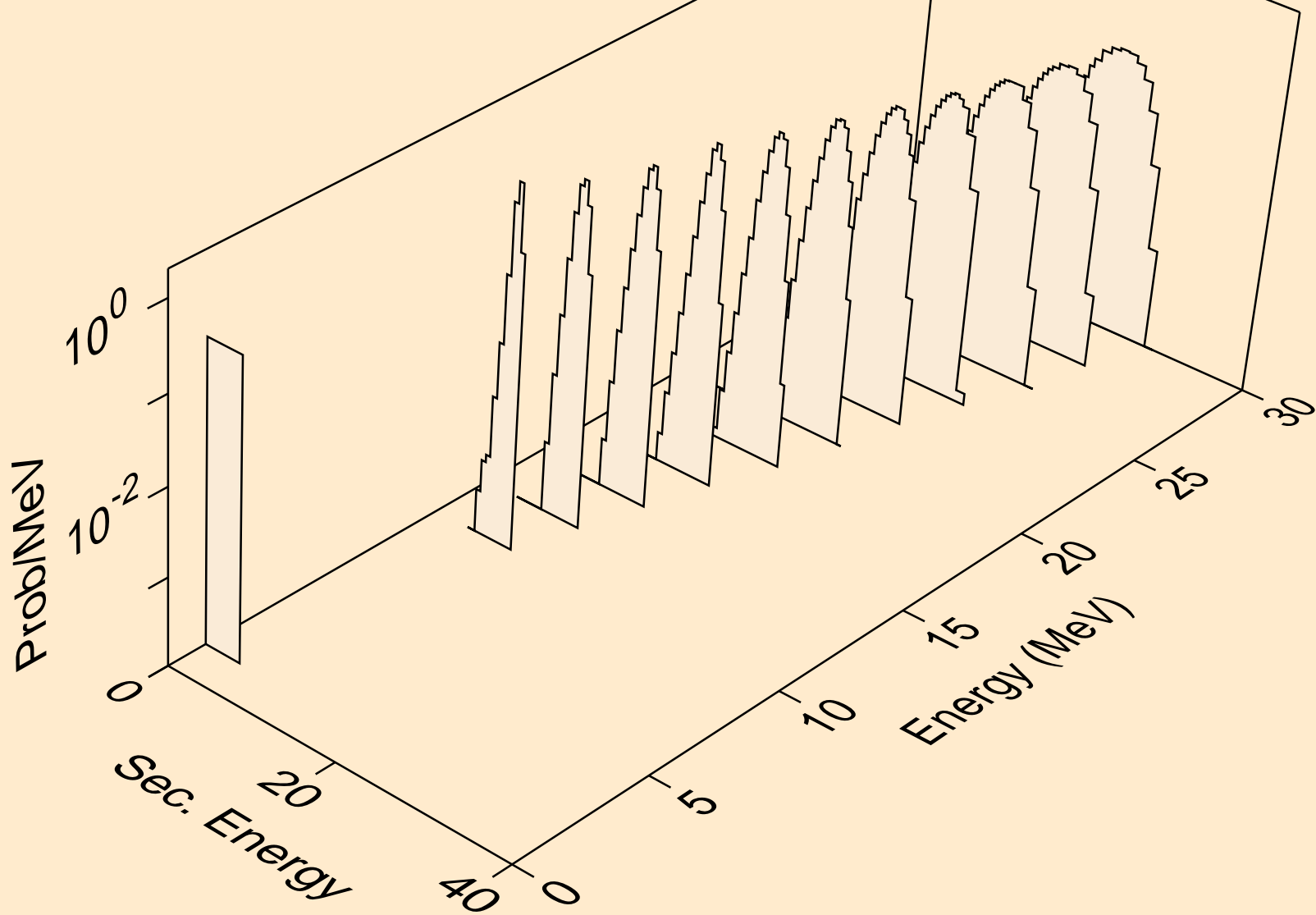
PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



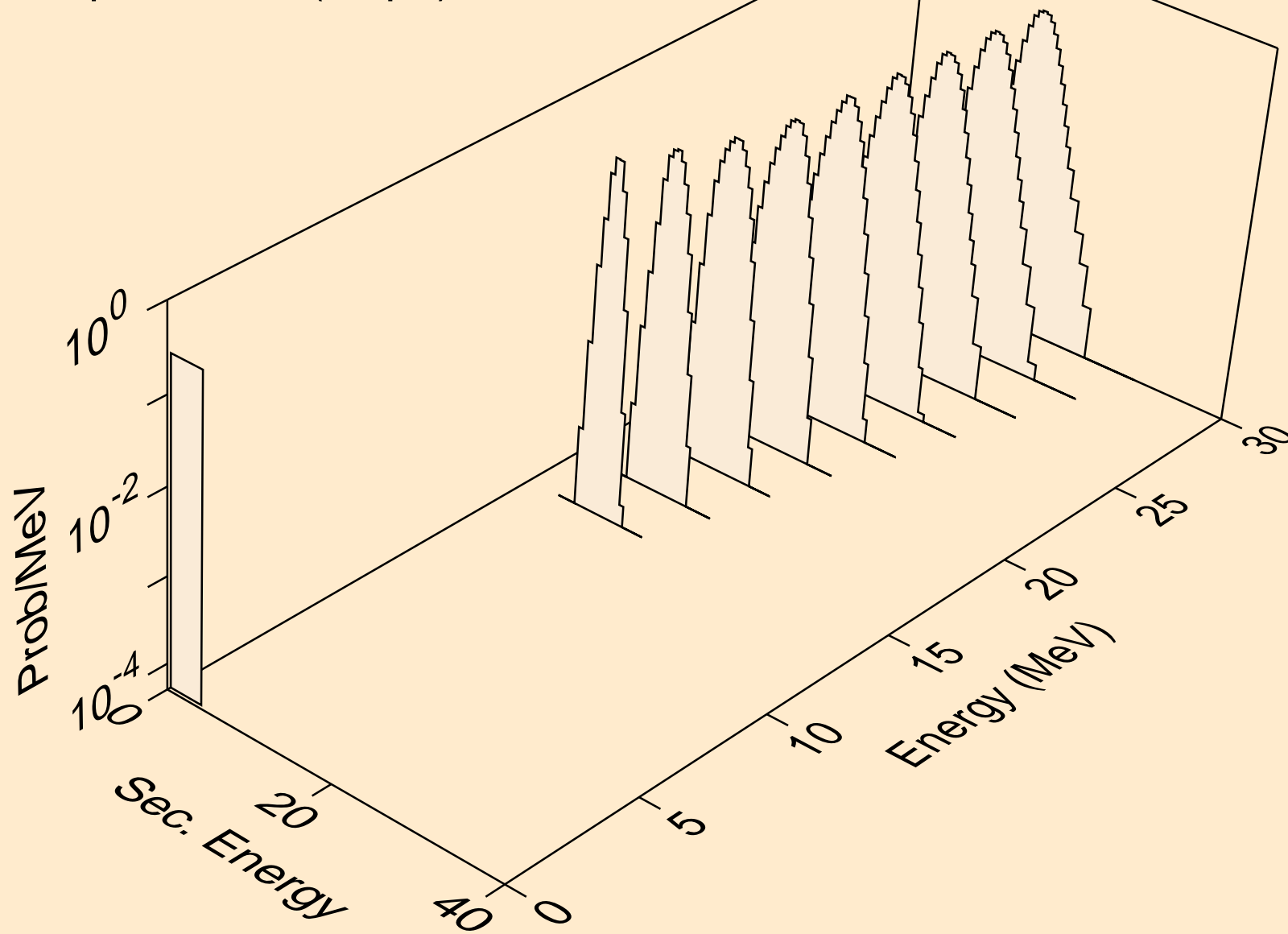
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alphas from (s,2n)a



PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



PM159 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

