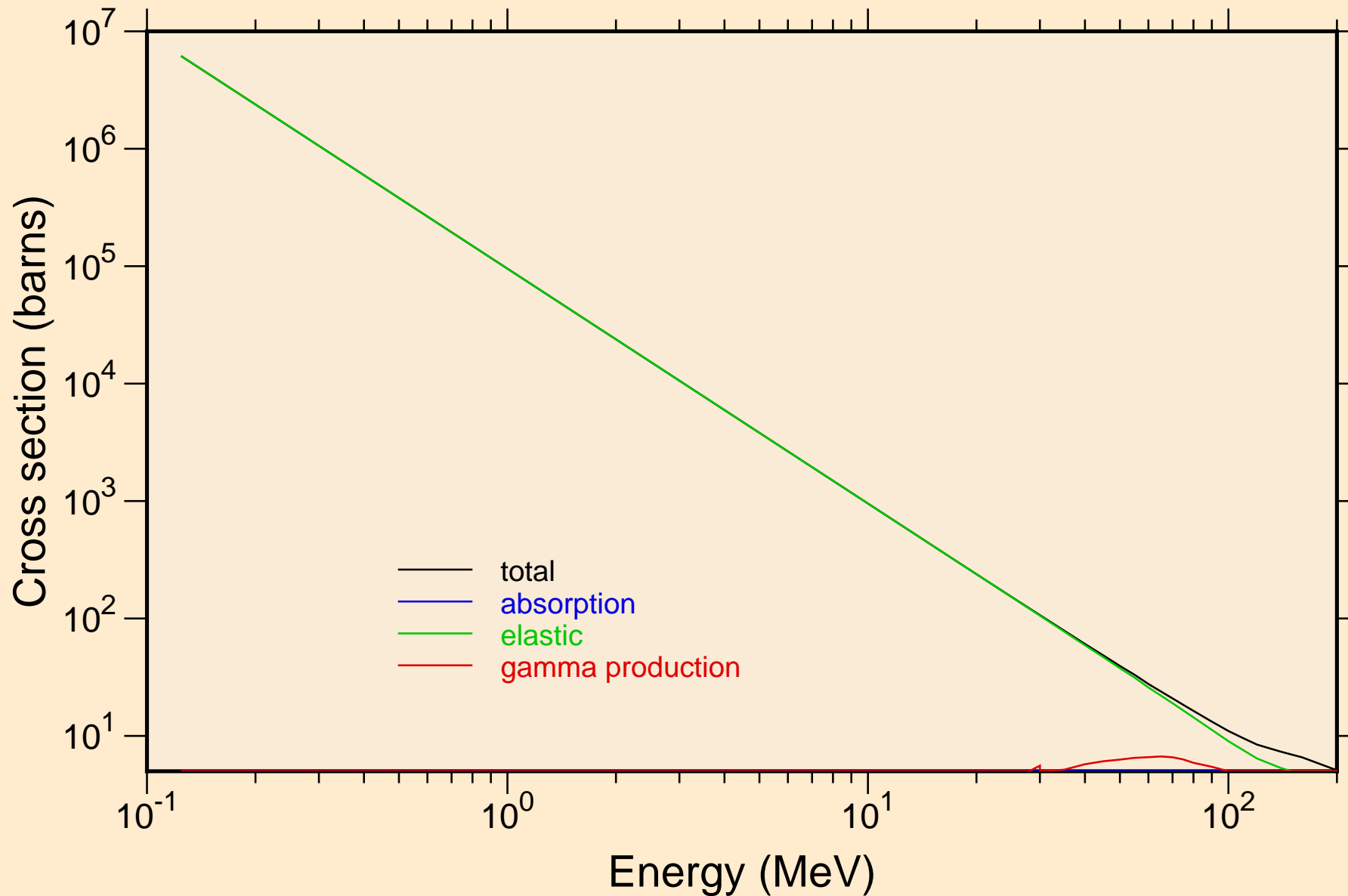
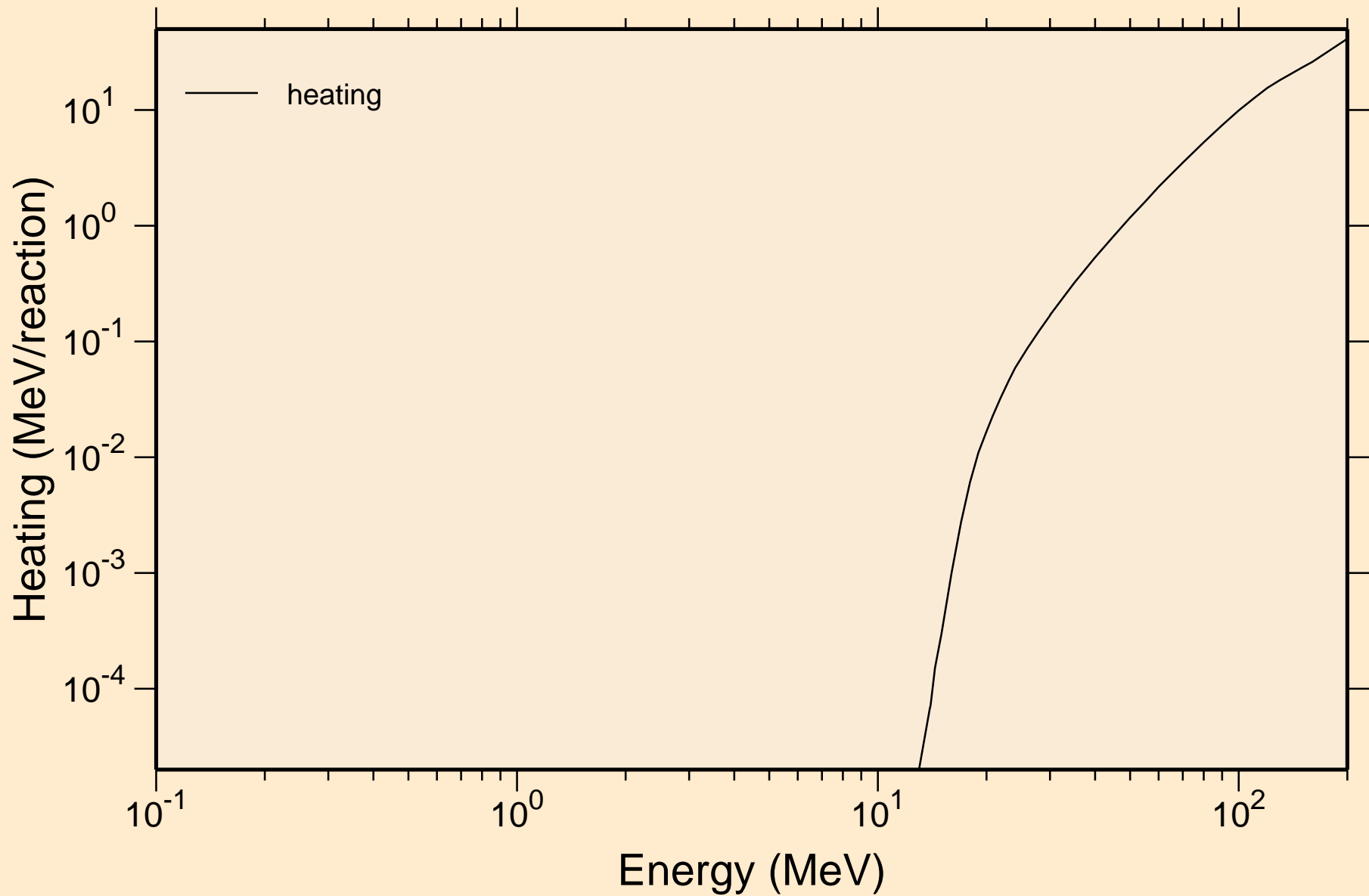


PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

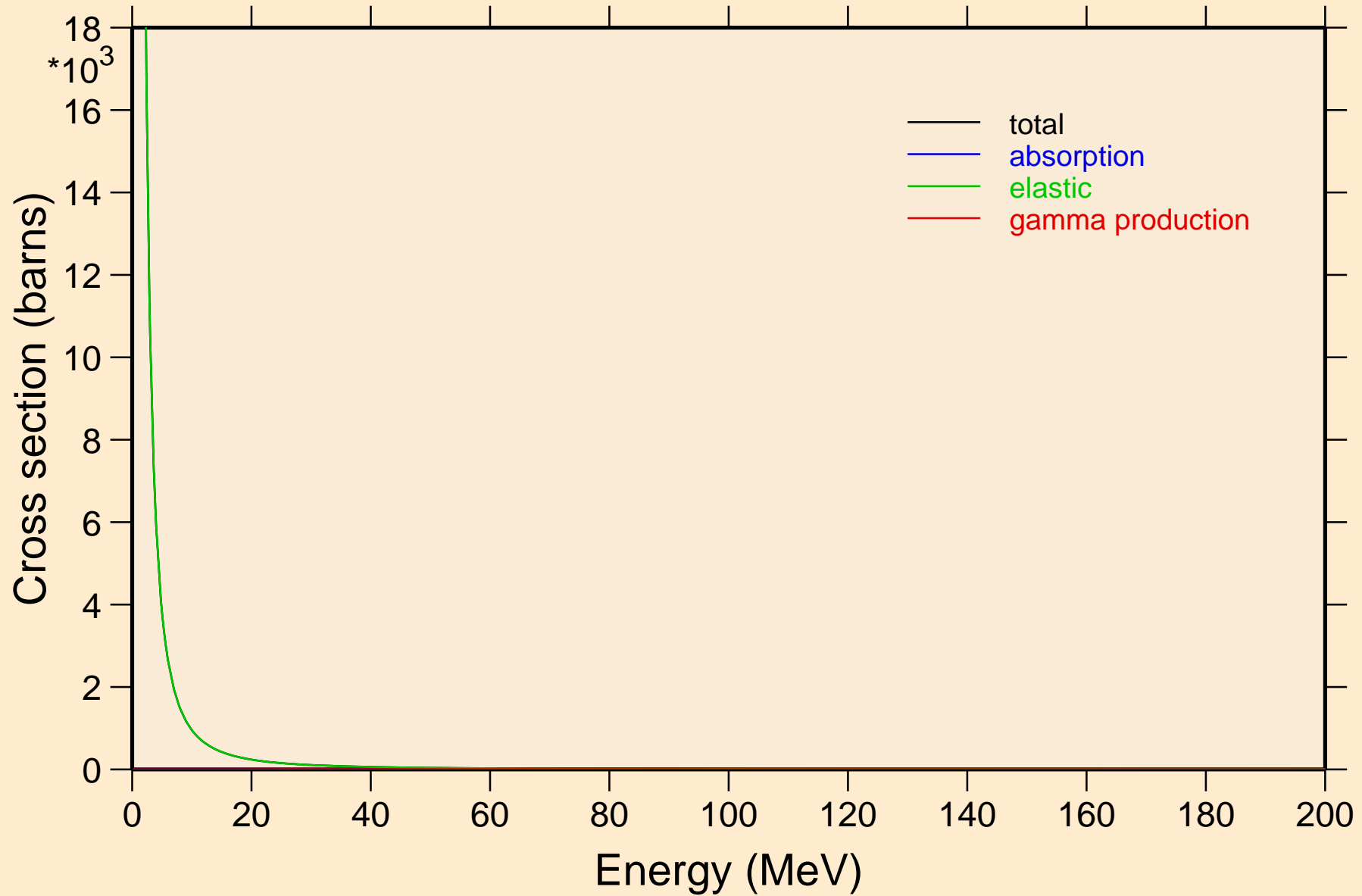


PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Heating



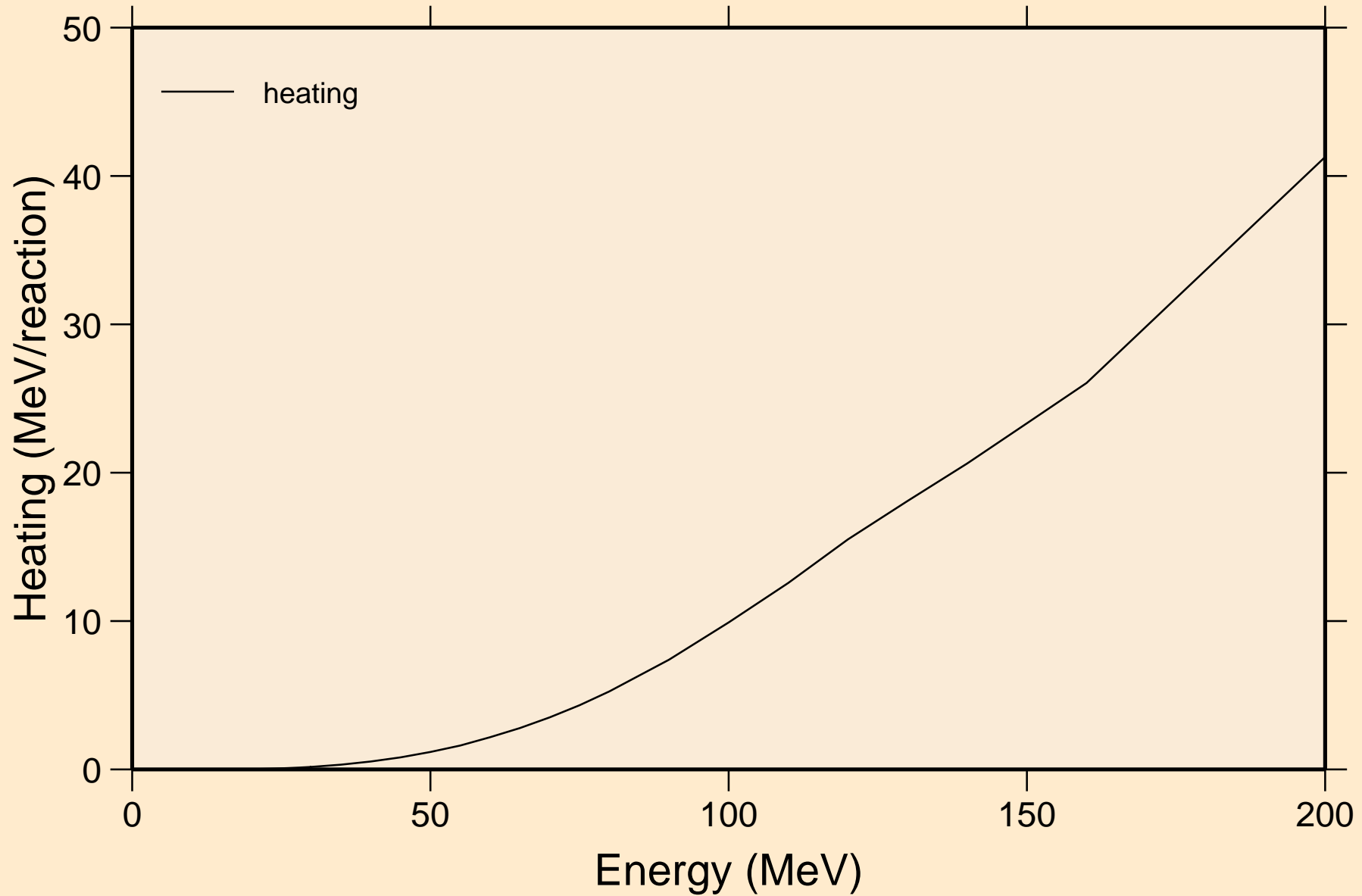
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## Principal cross sections

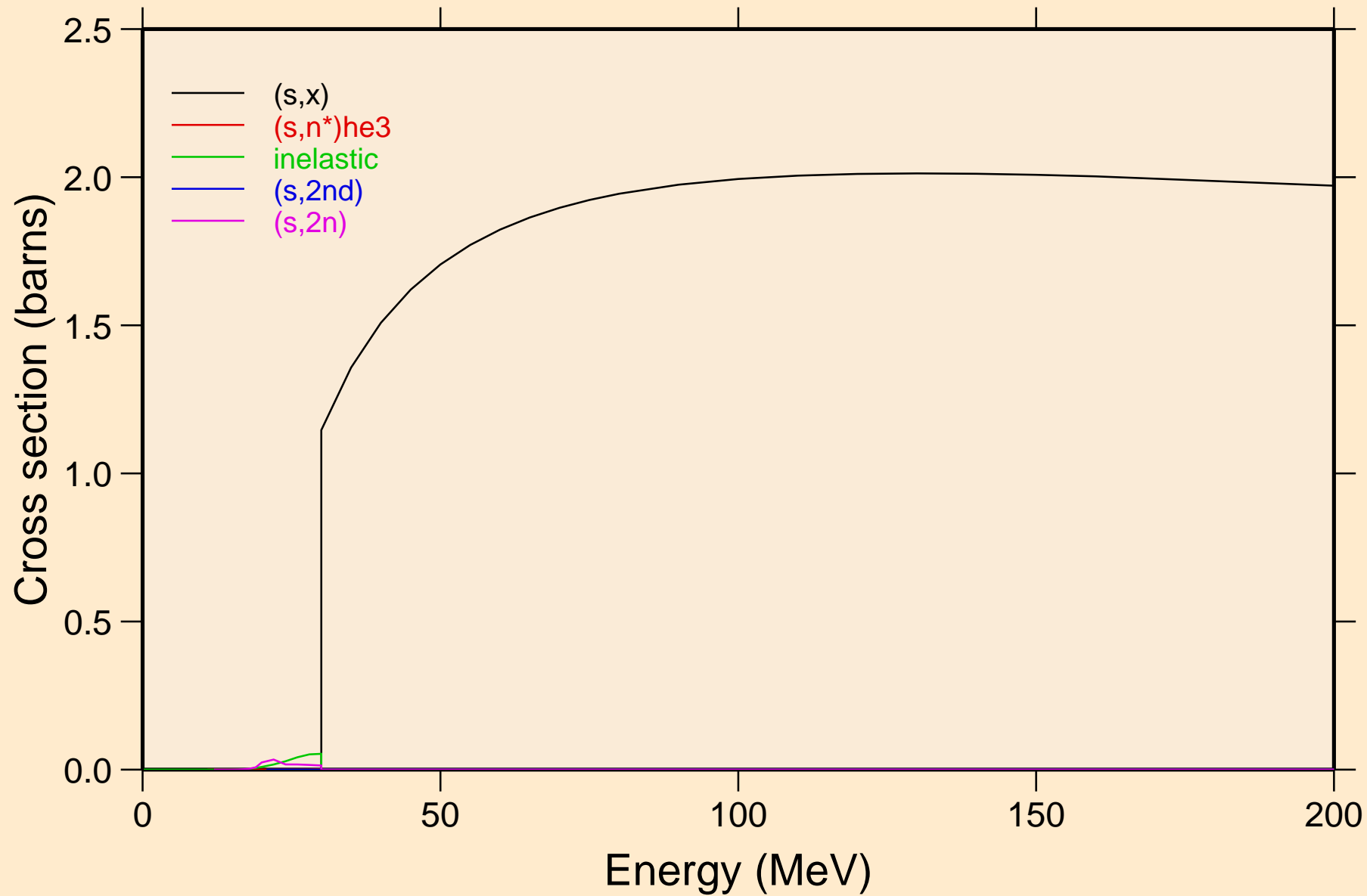


PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K

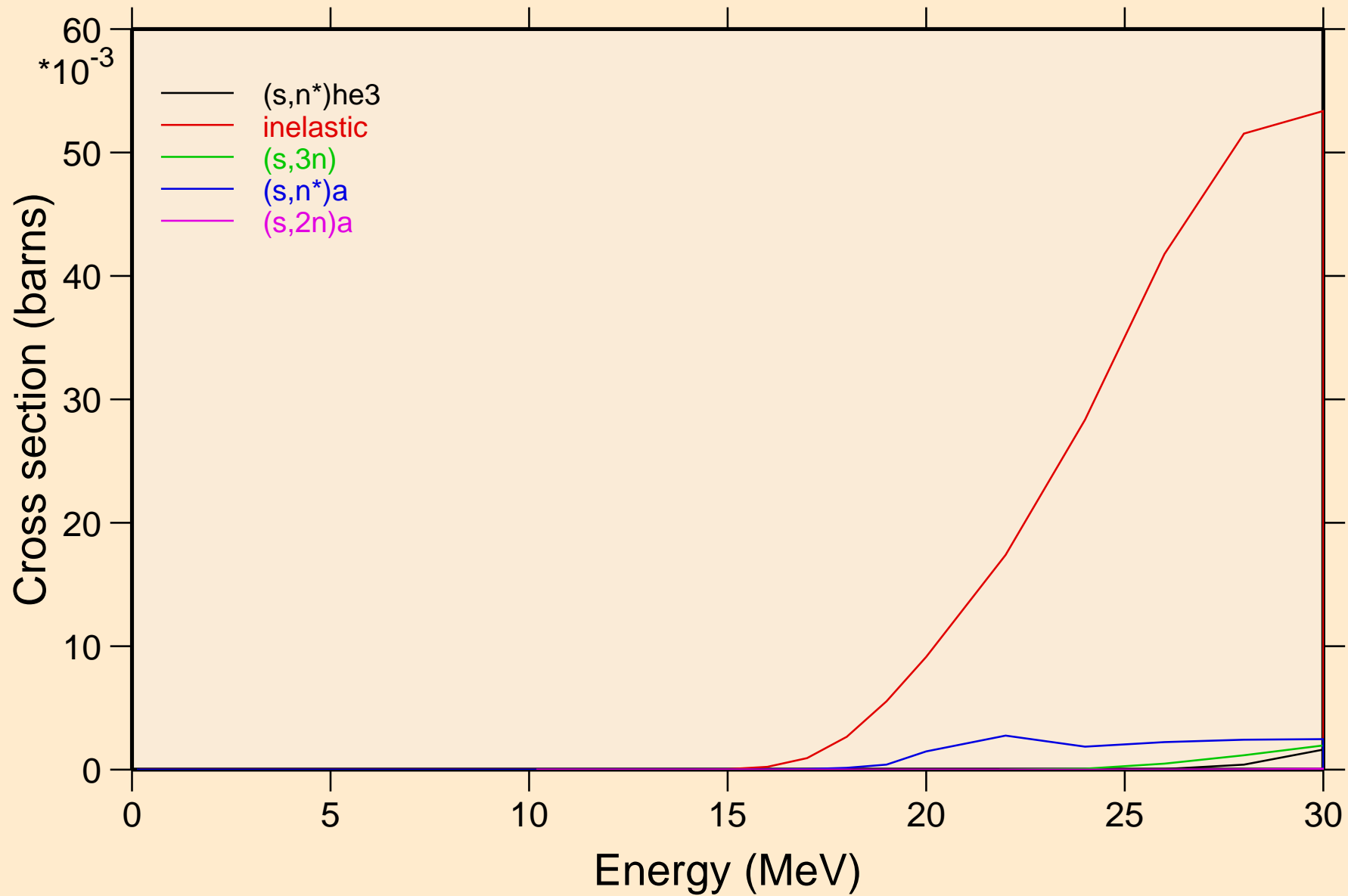
Heating



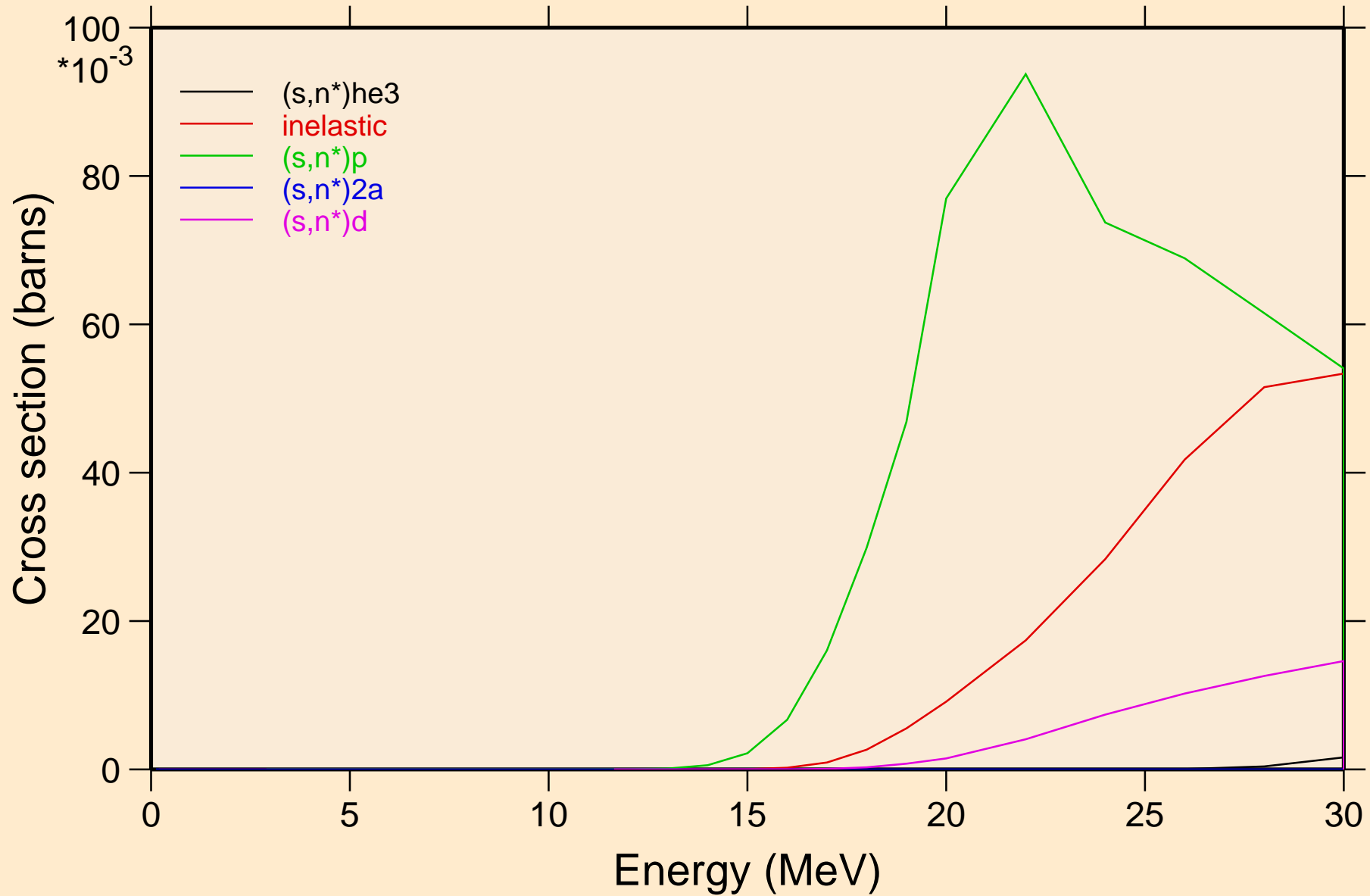
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



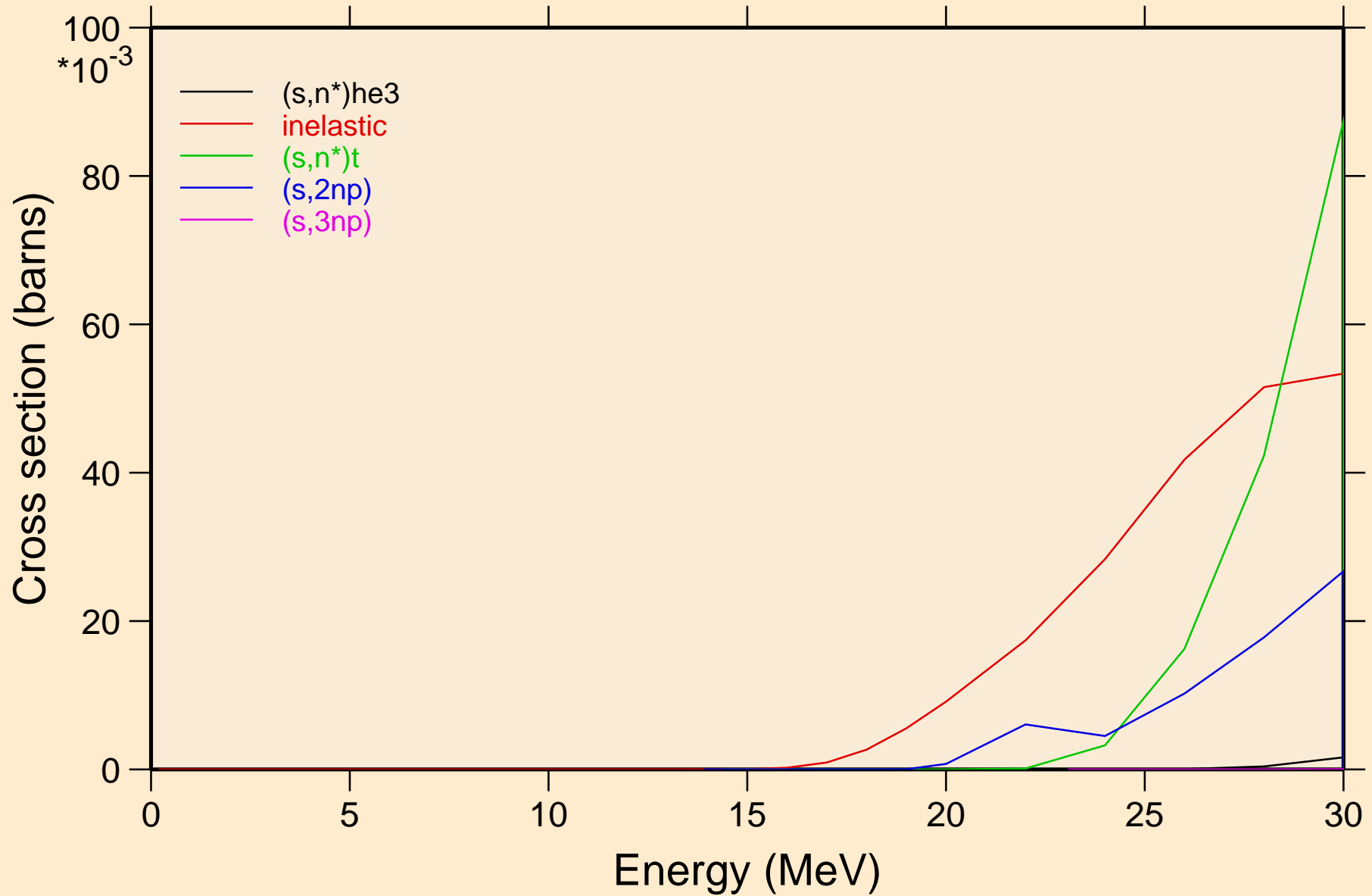
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

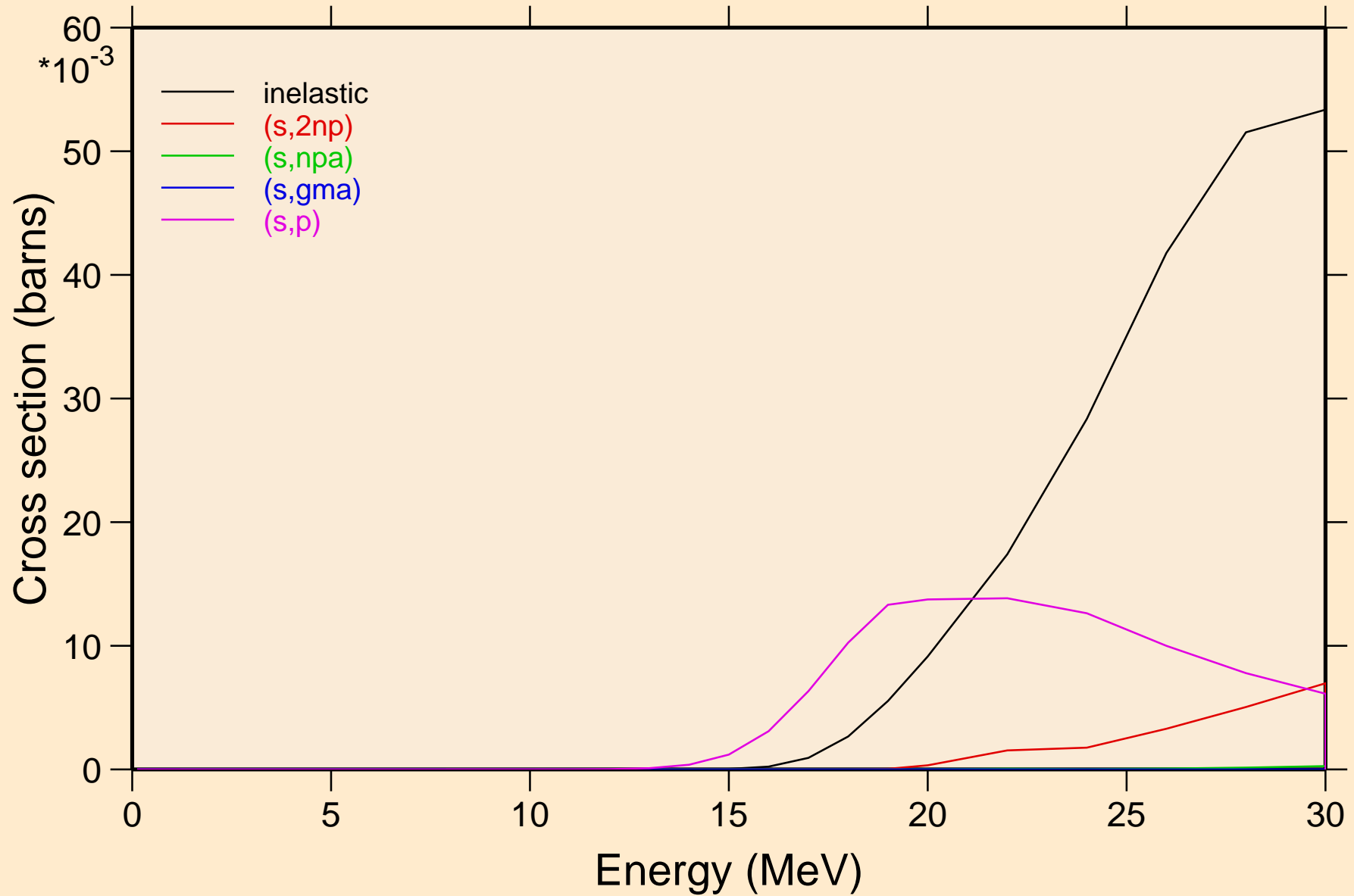


PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

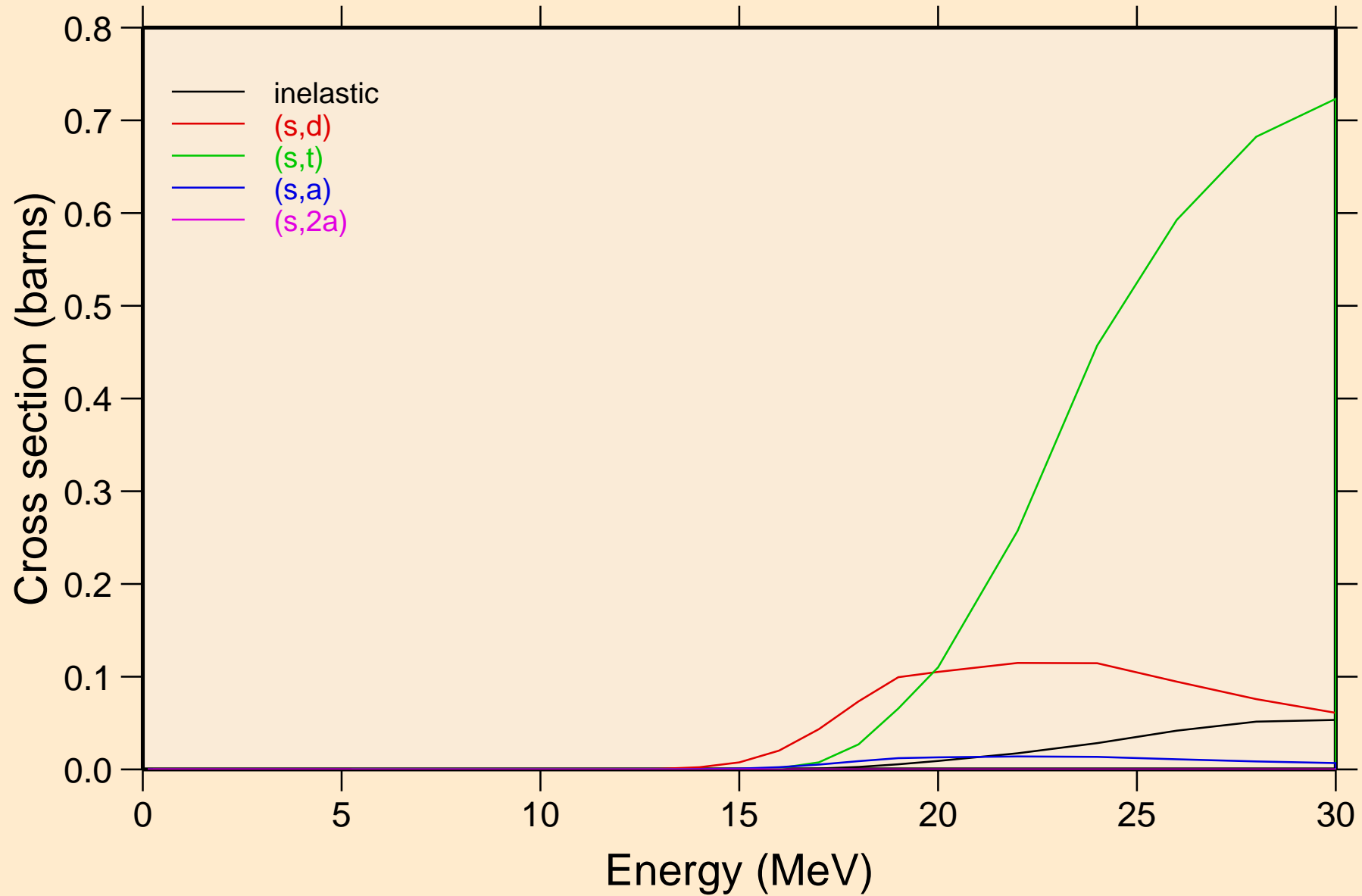




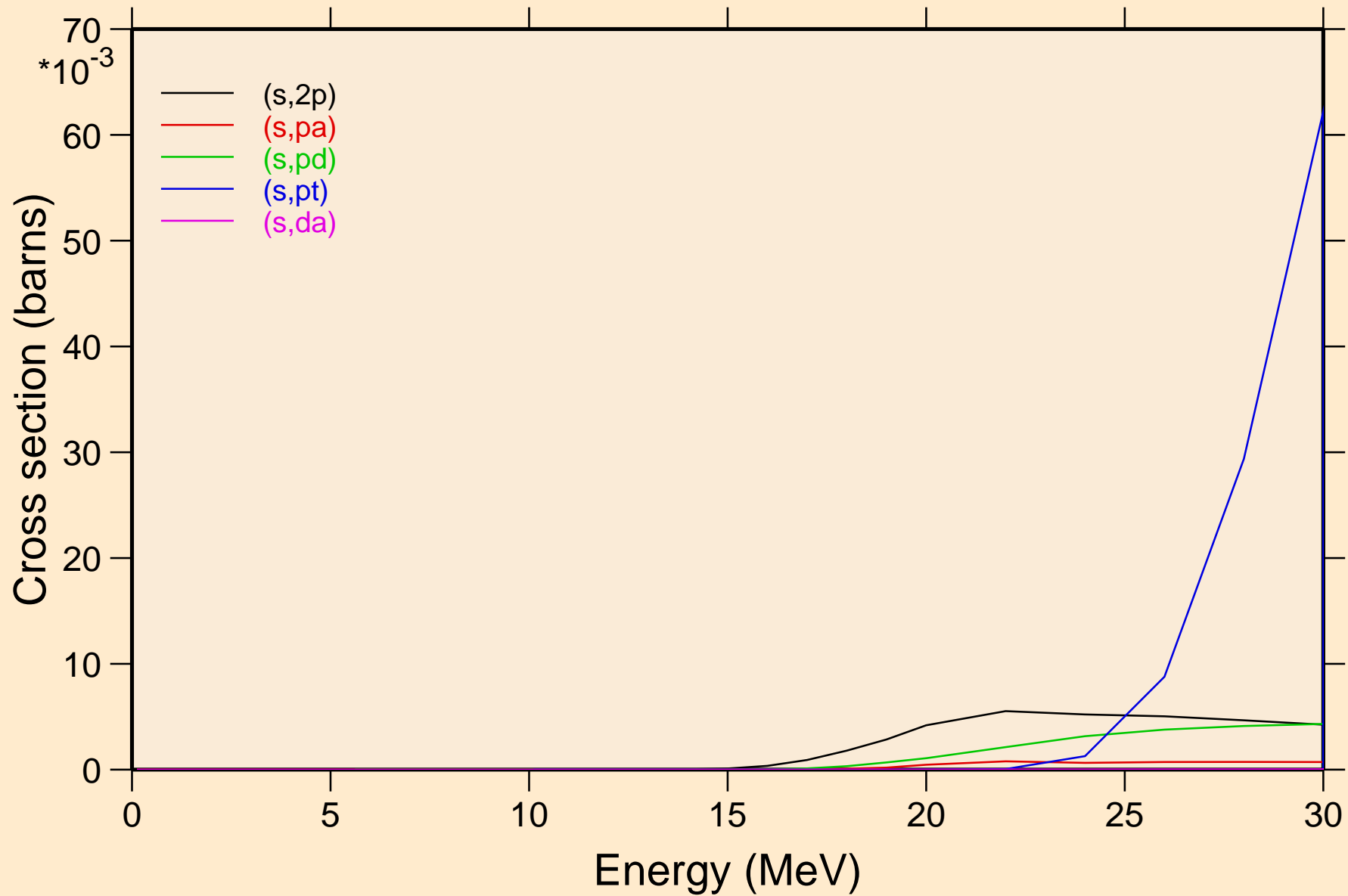
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Threshold reactions



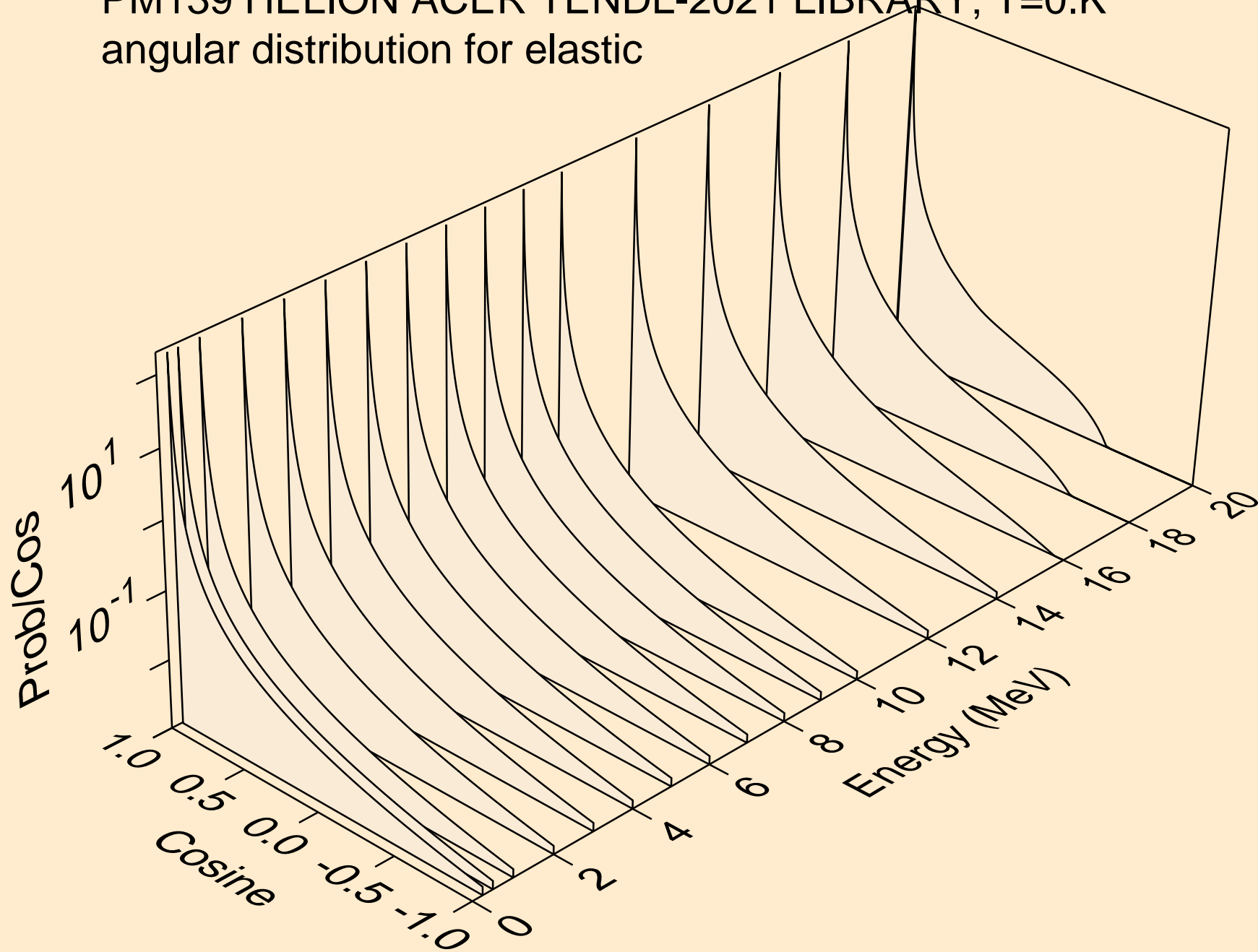
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



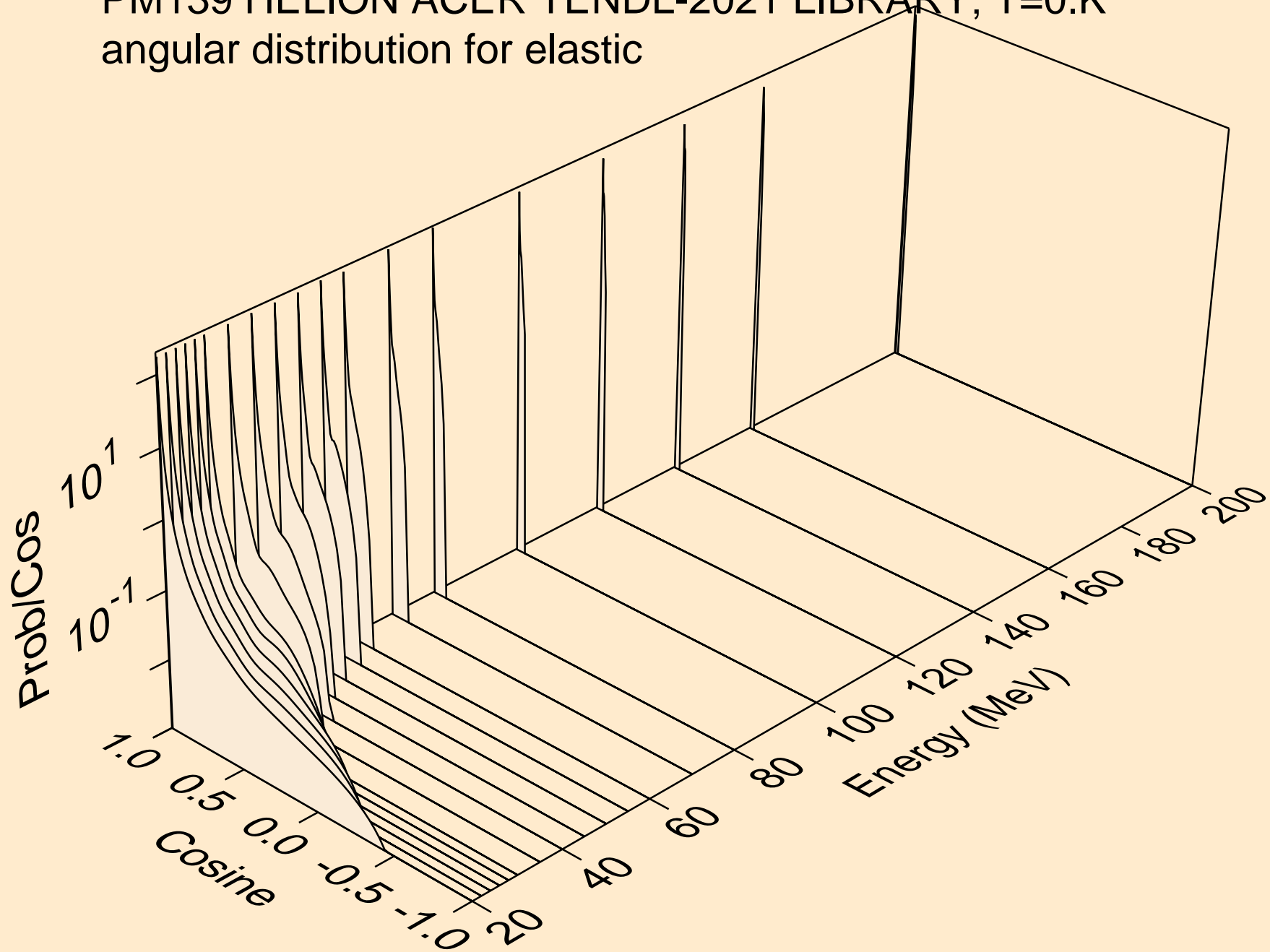
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Threshold reactions



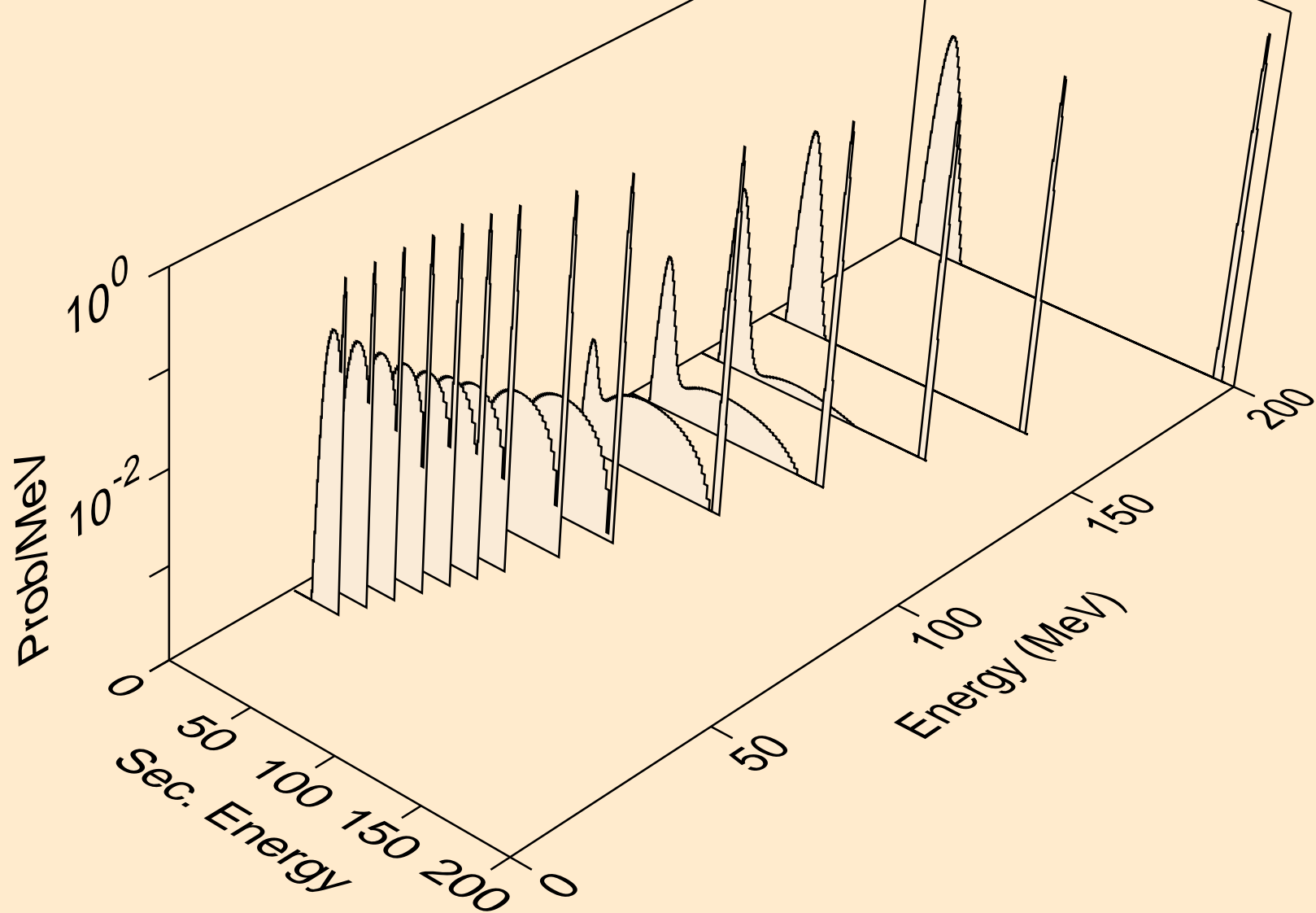
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



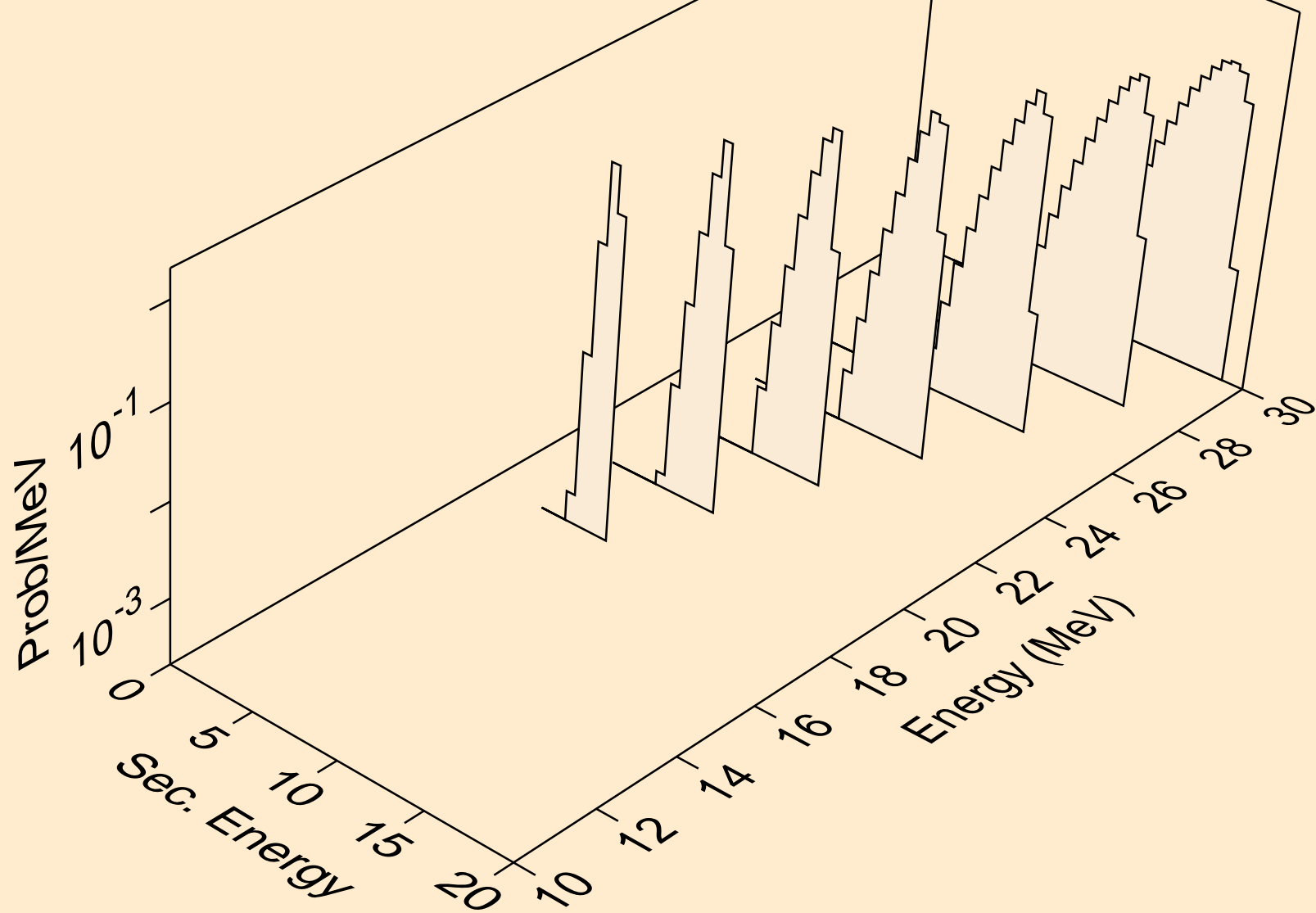
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angular distribution for elastic



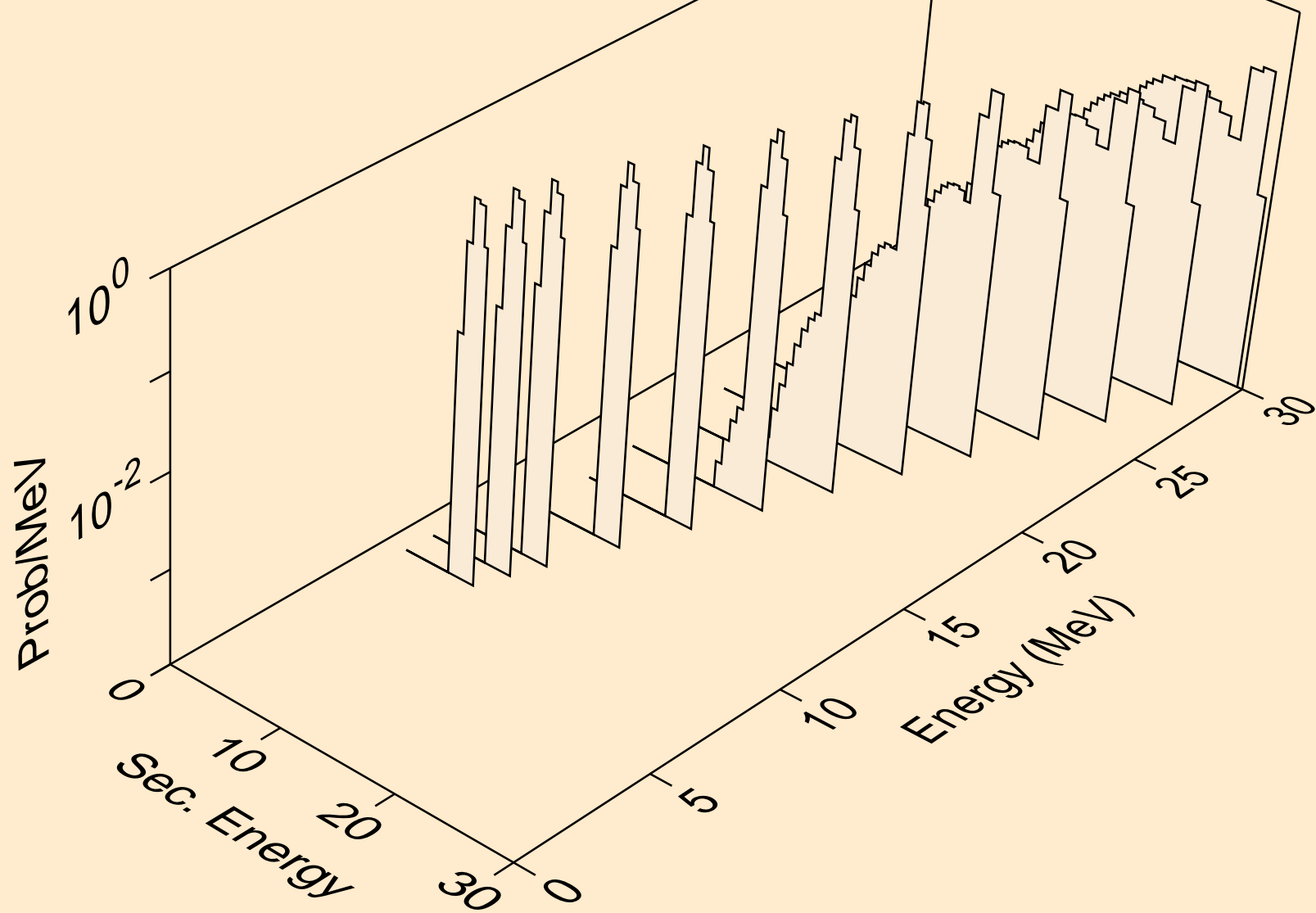
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

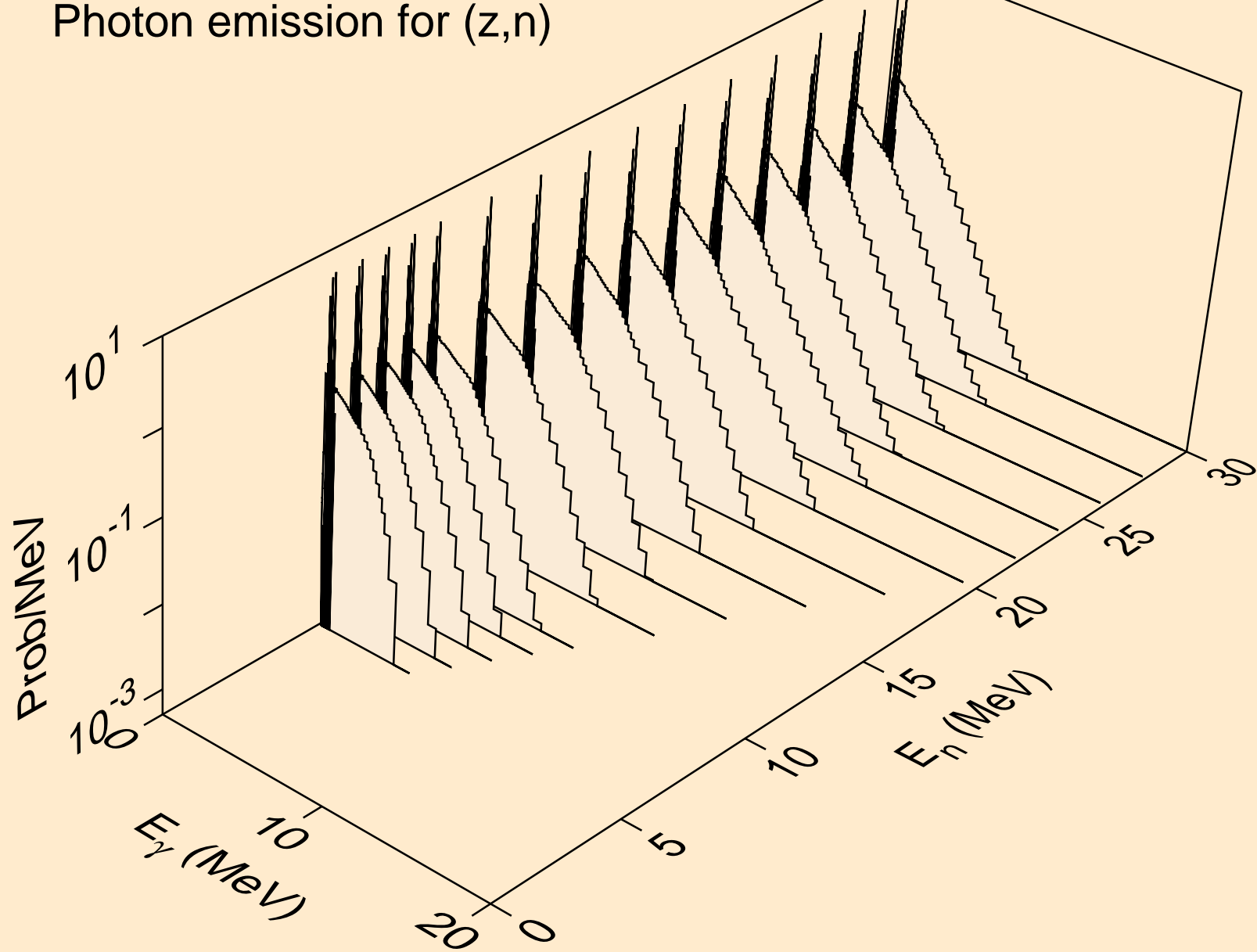


PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

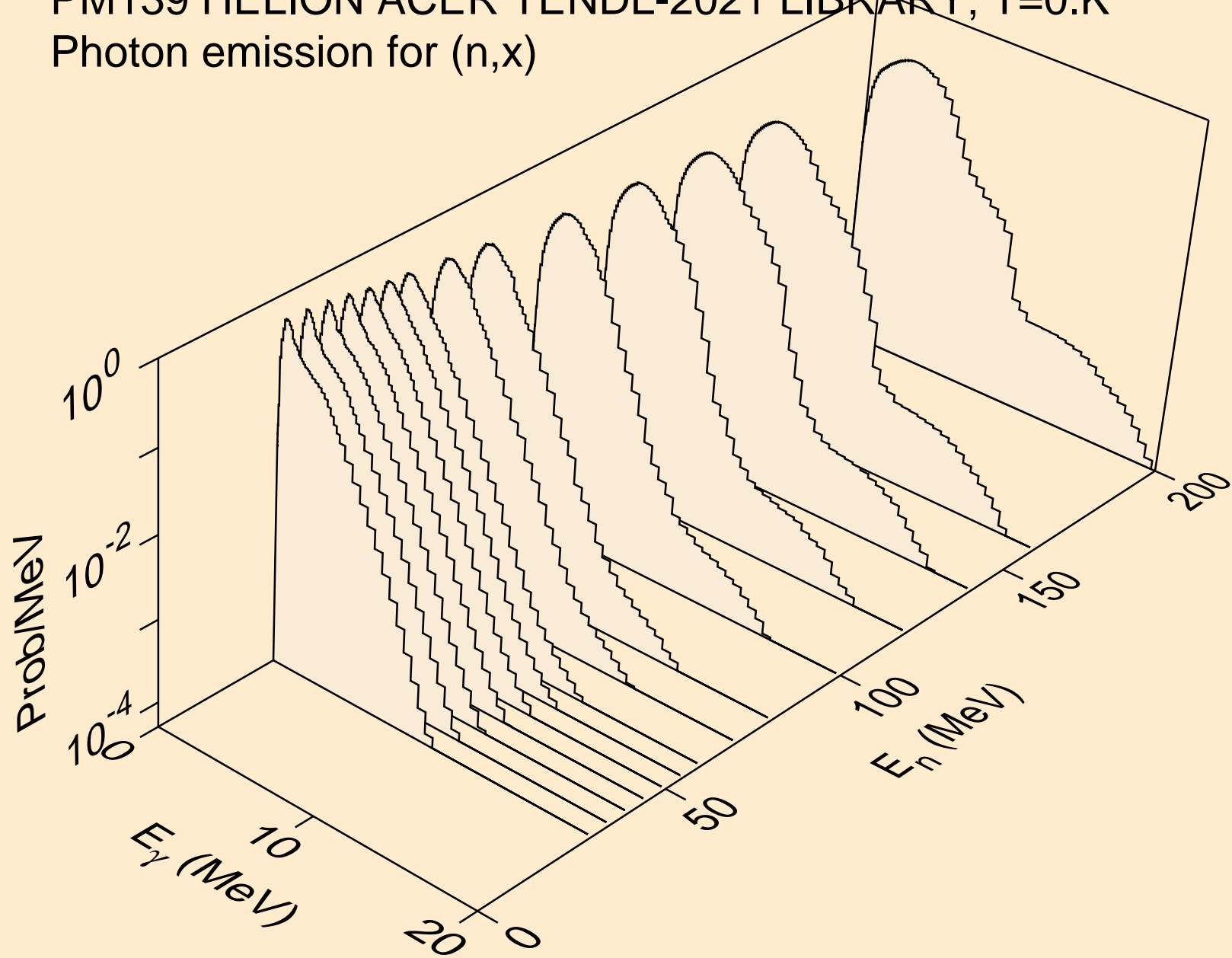




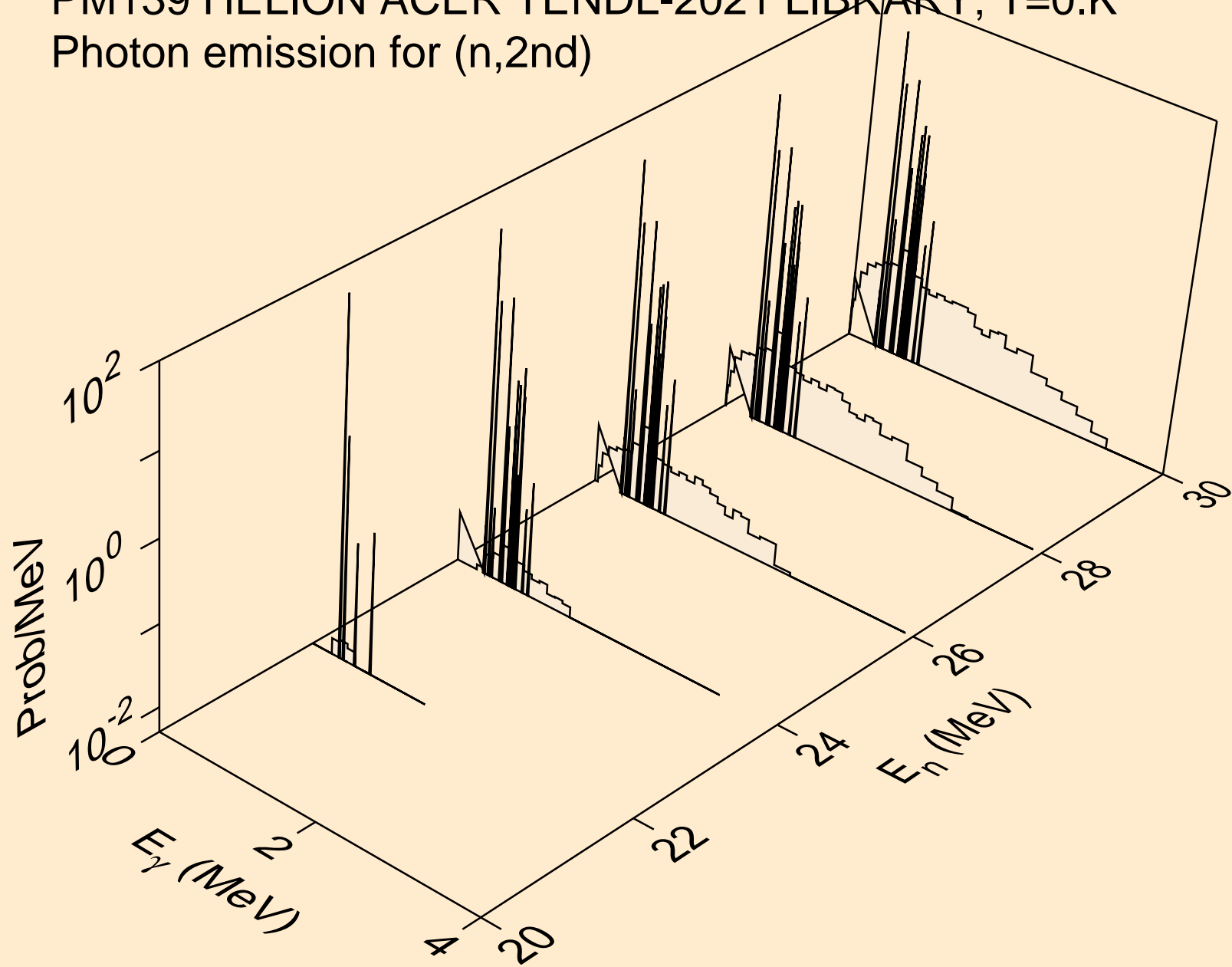
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



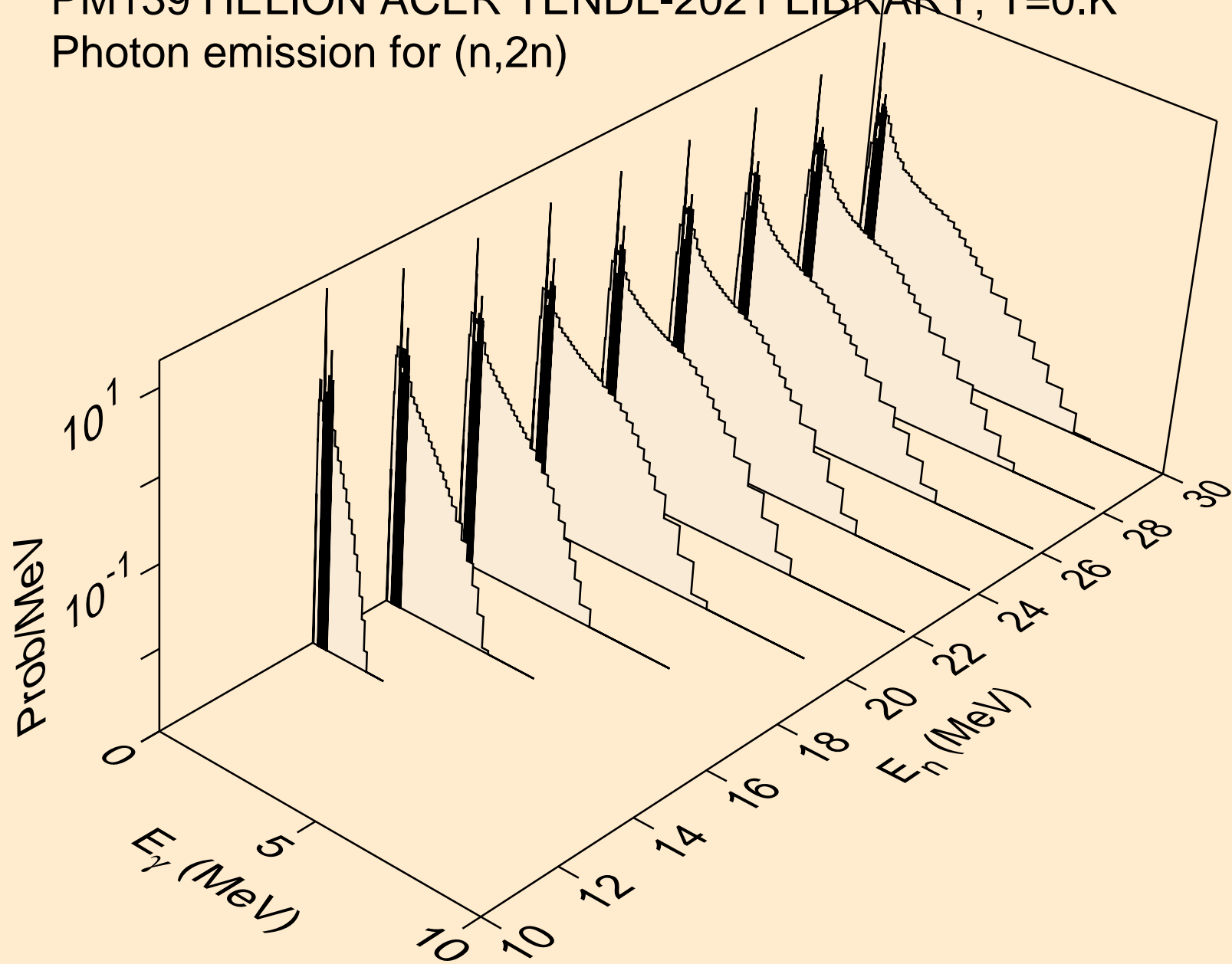
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



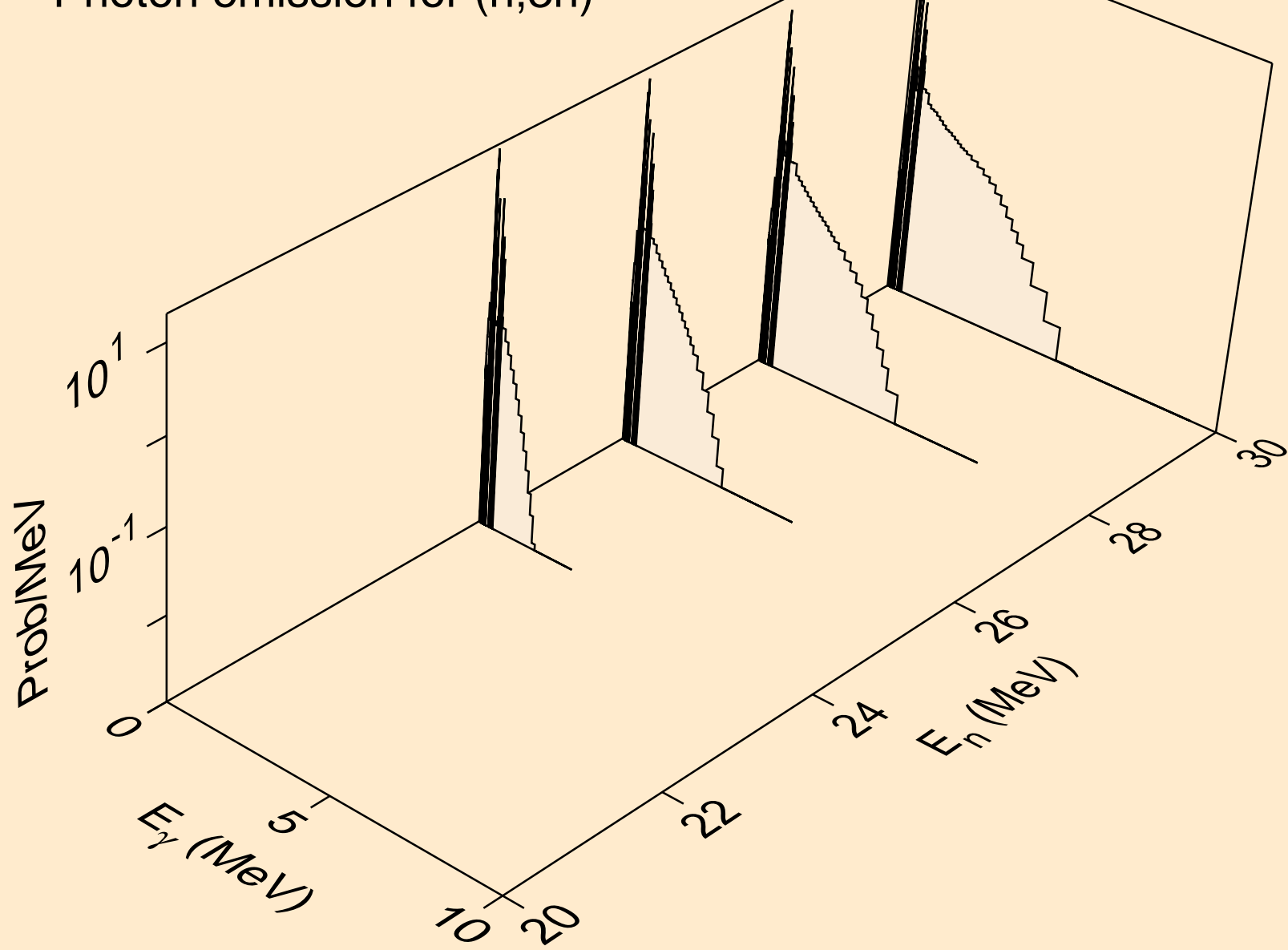
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



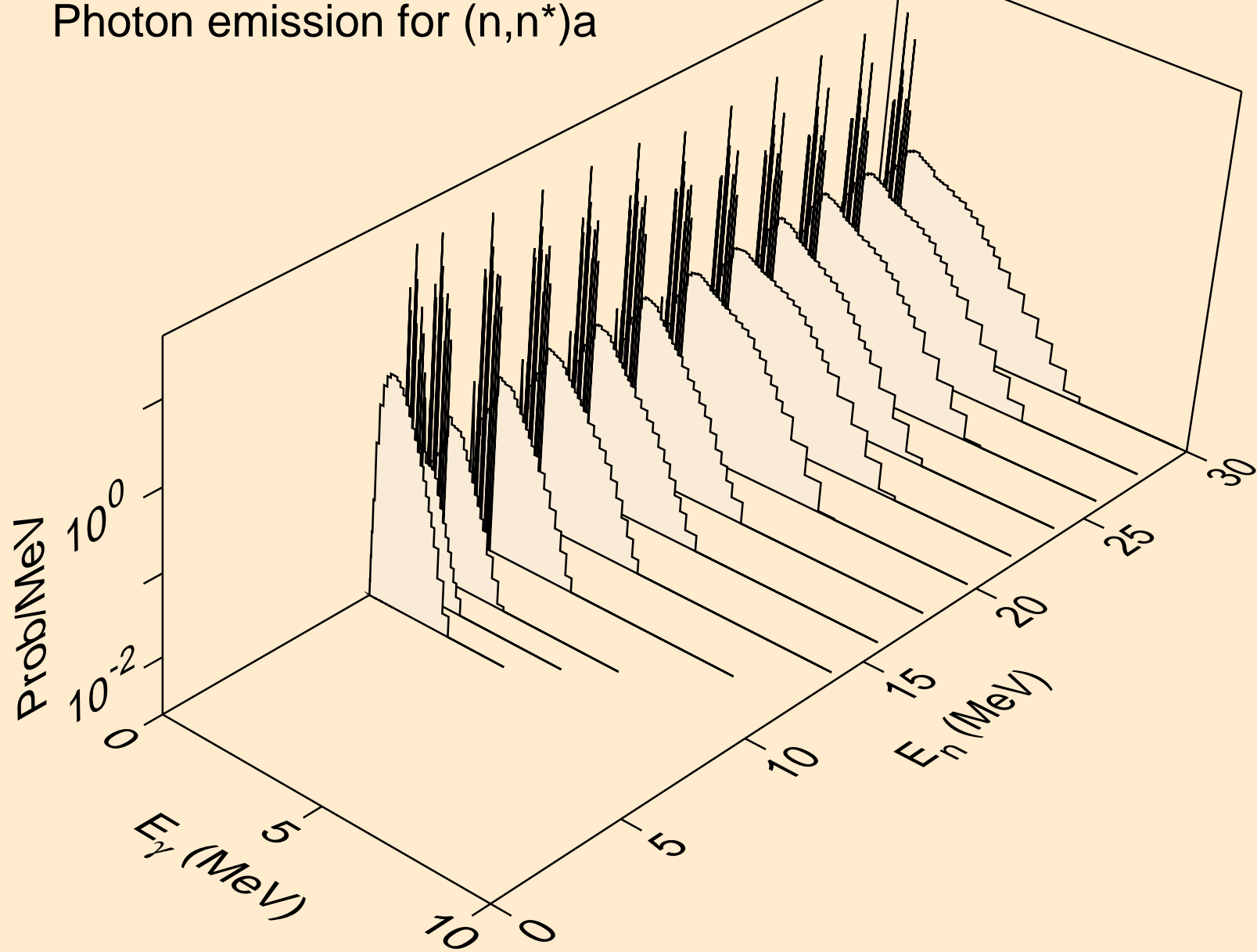
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Photon emission for (n,2n)



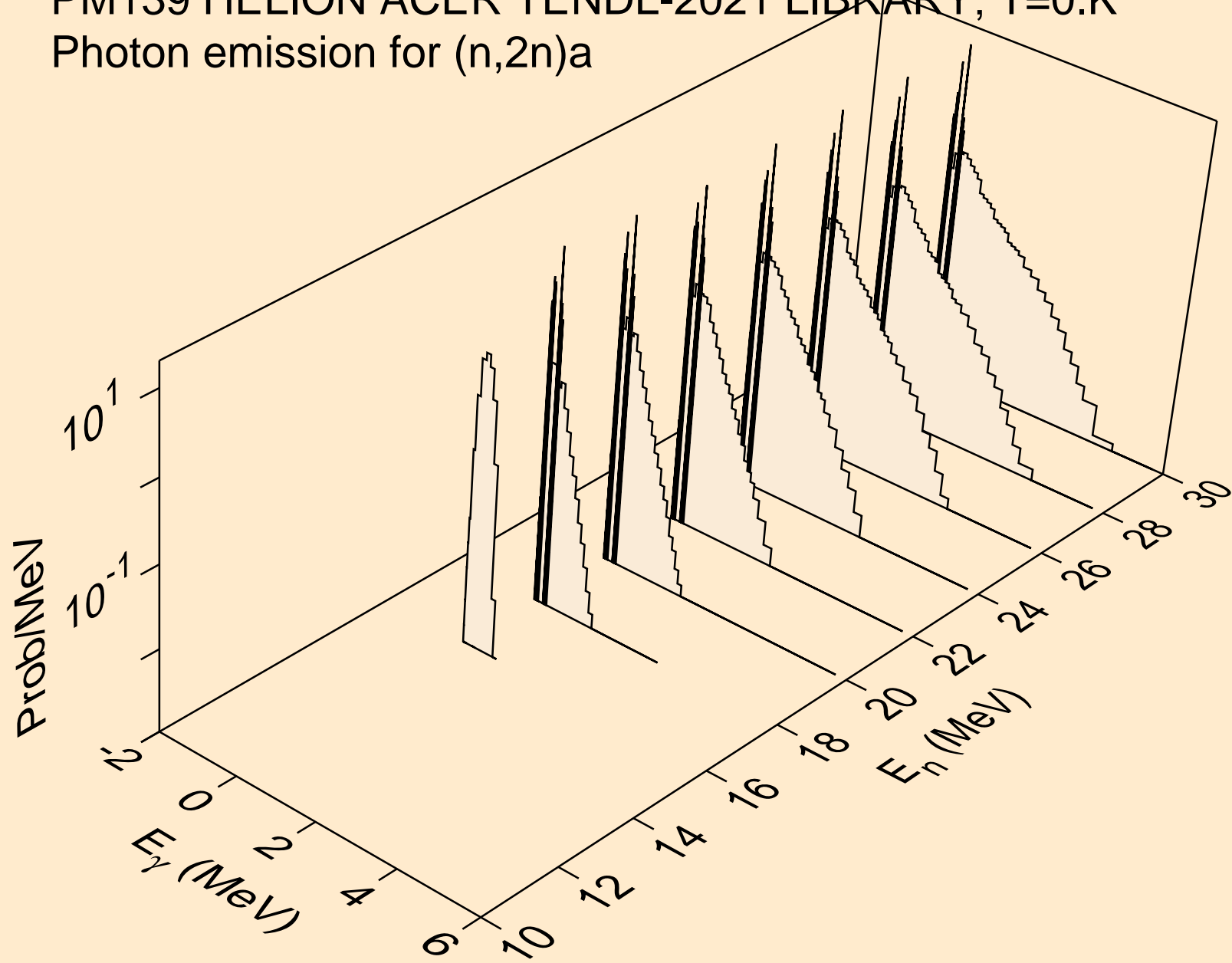
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



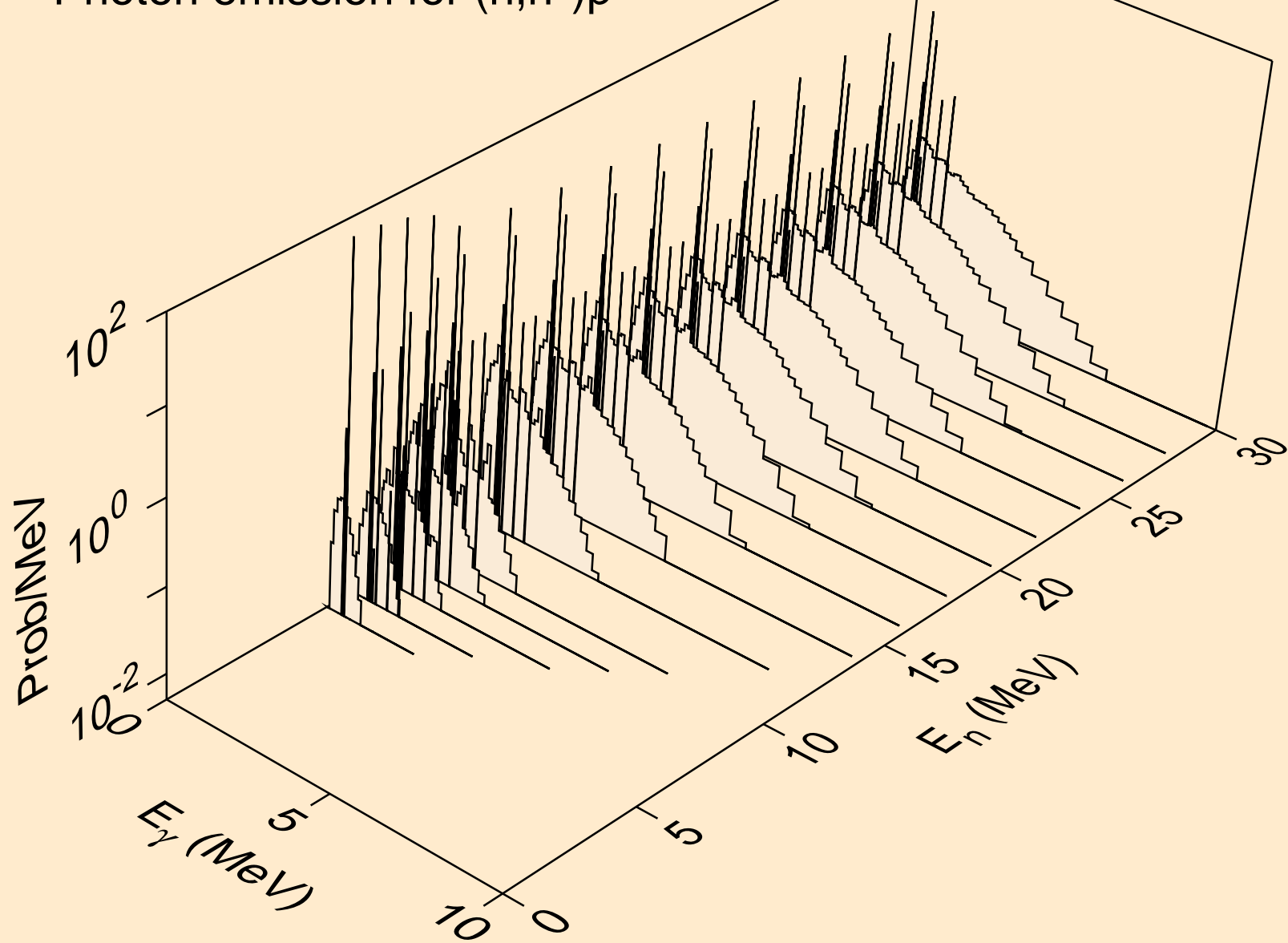
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

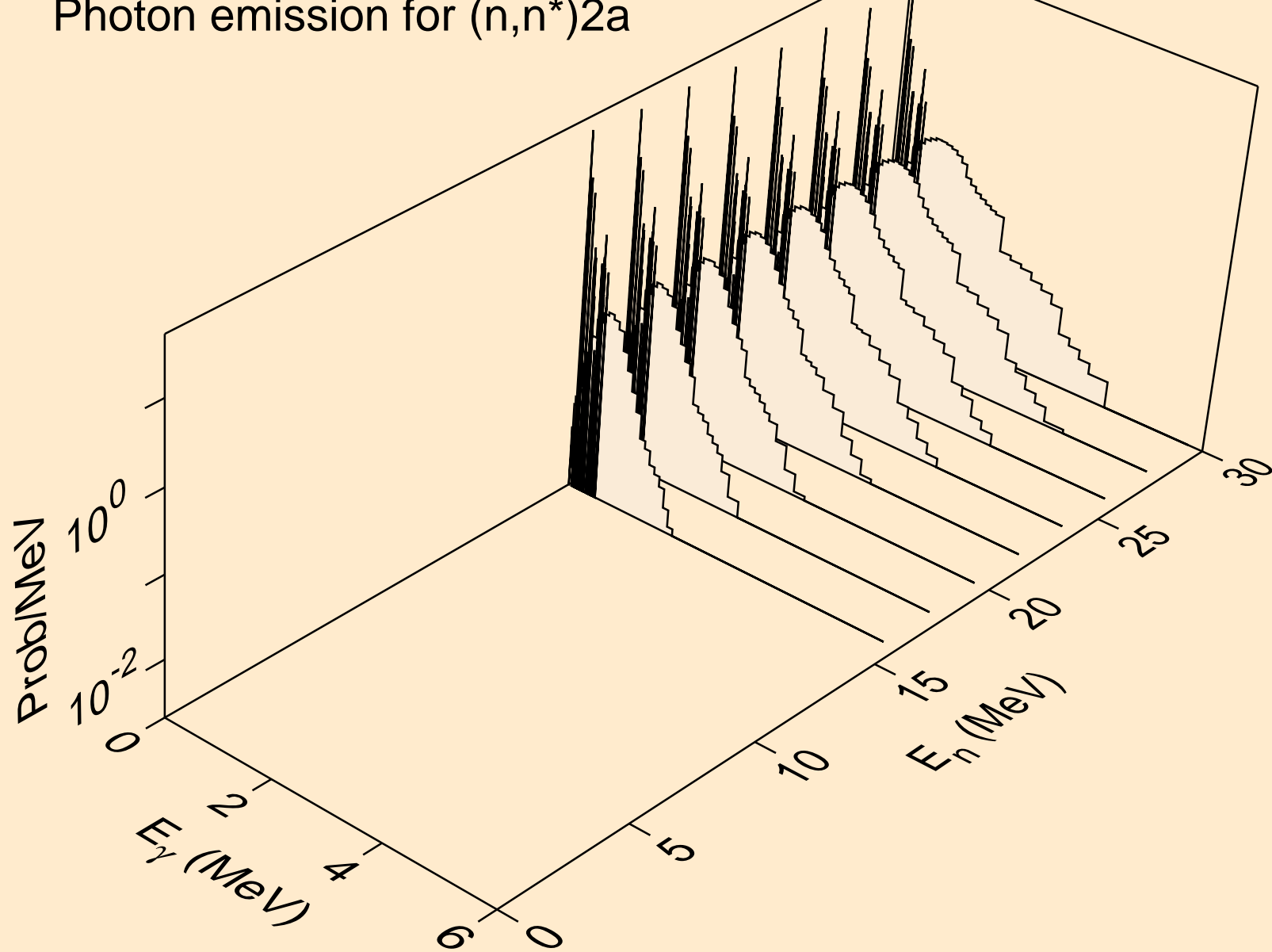


PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

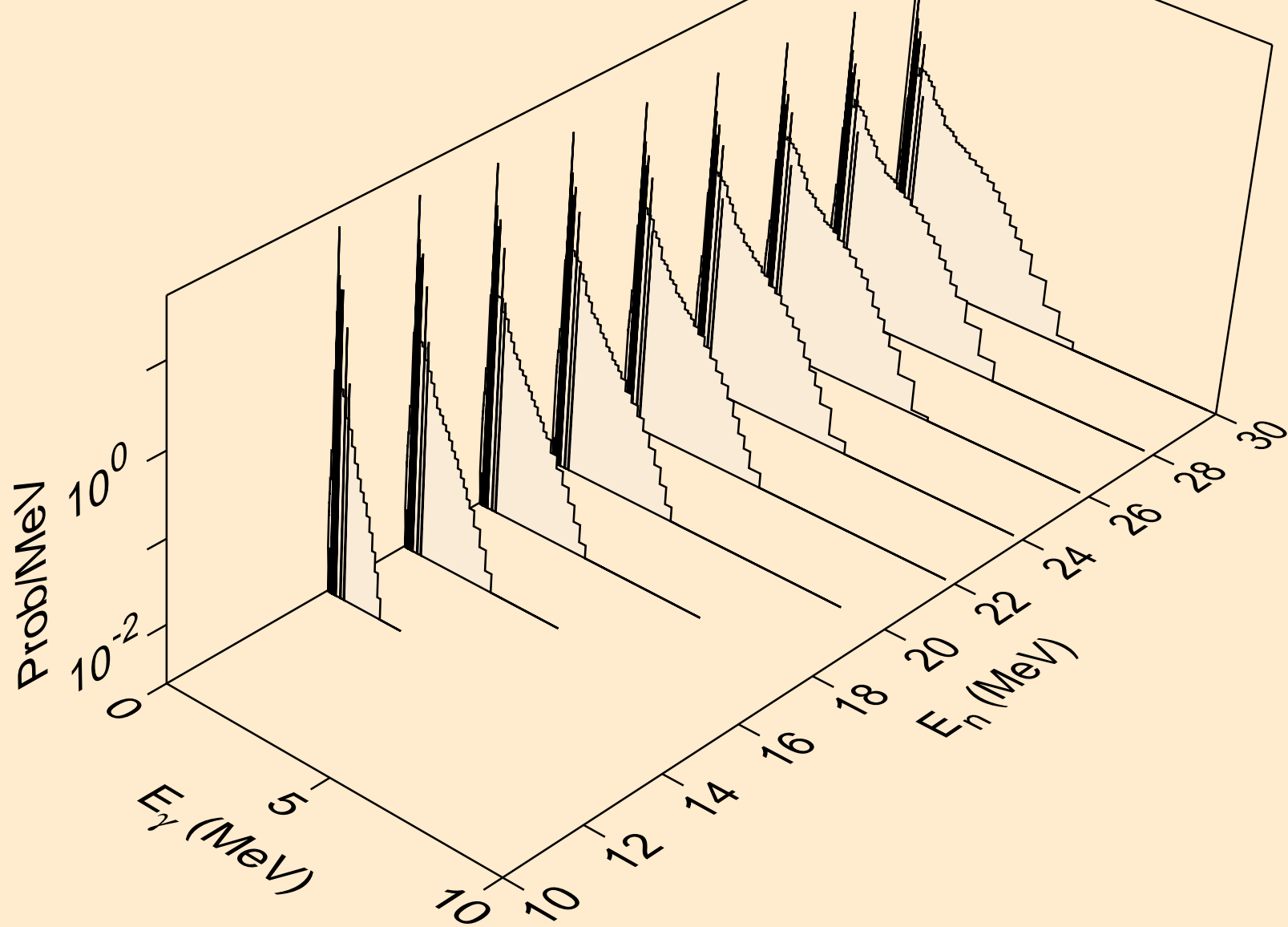




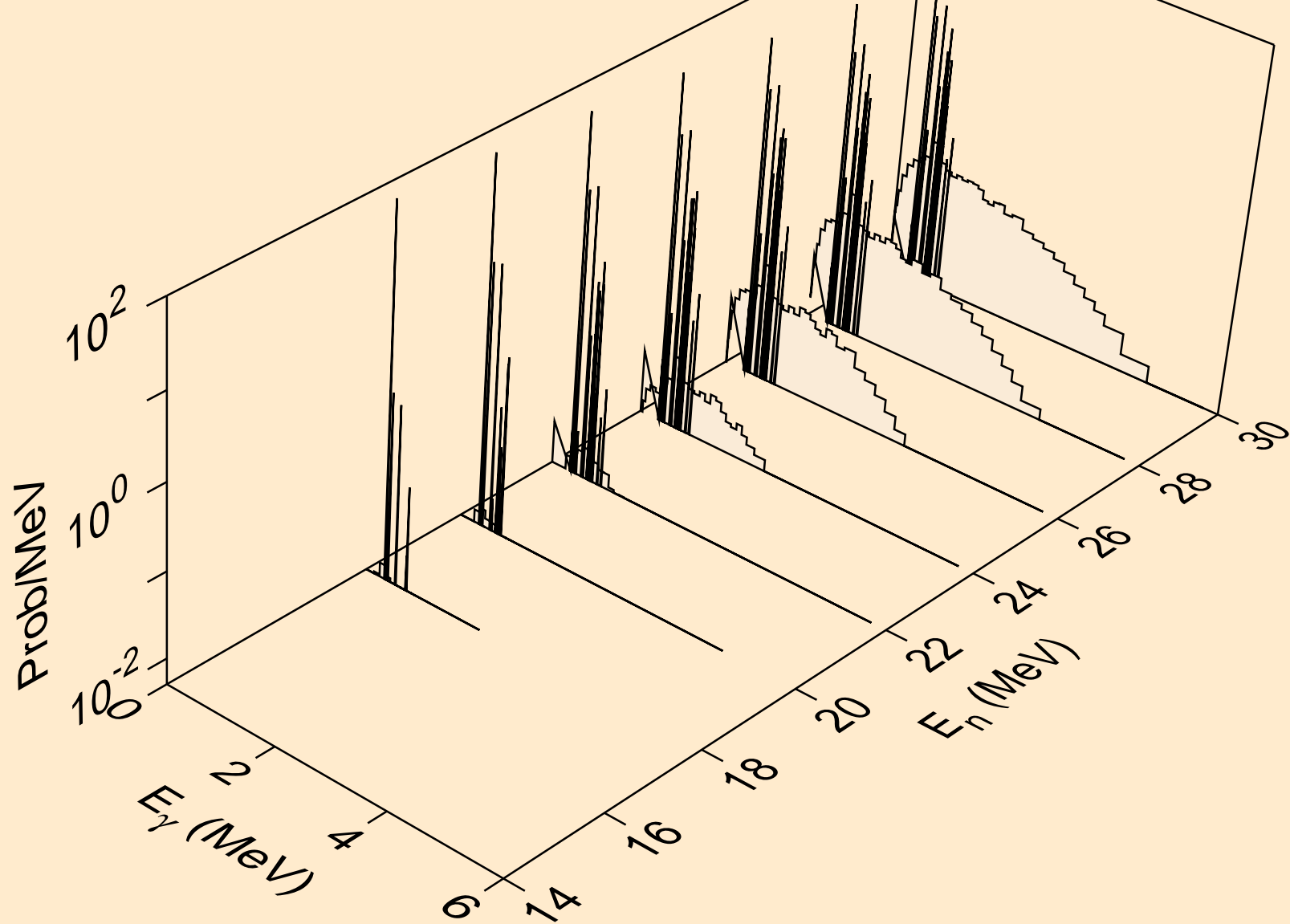
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



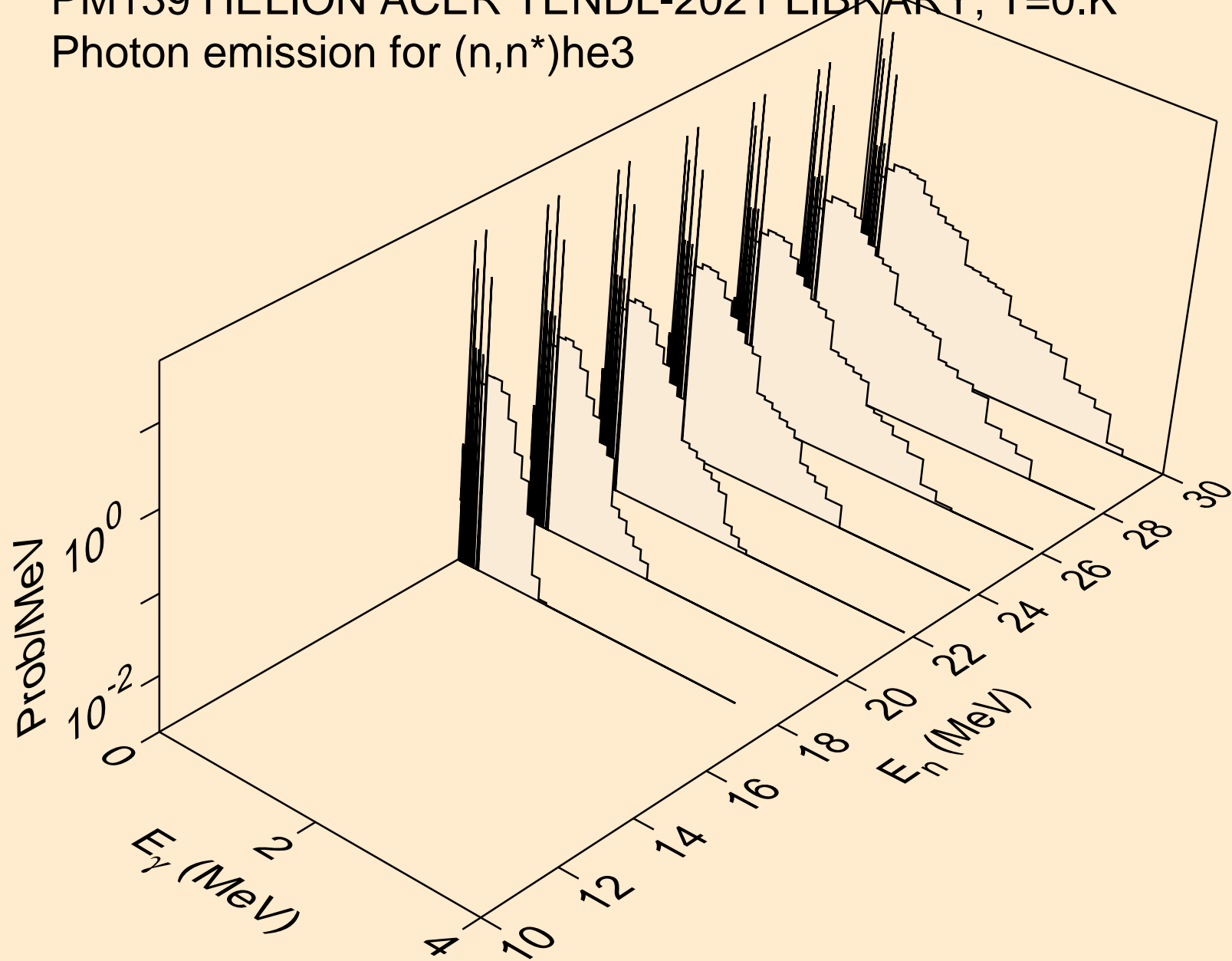
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



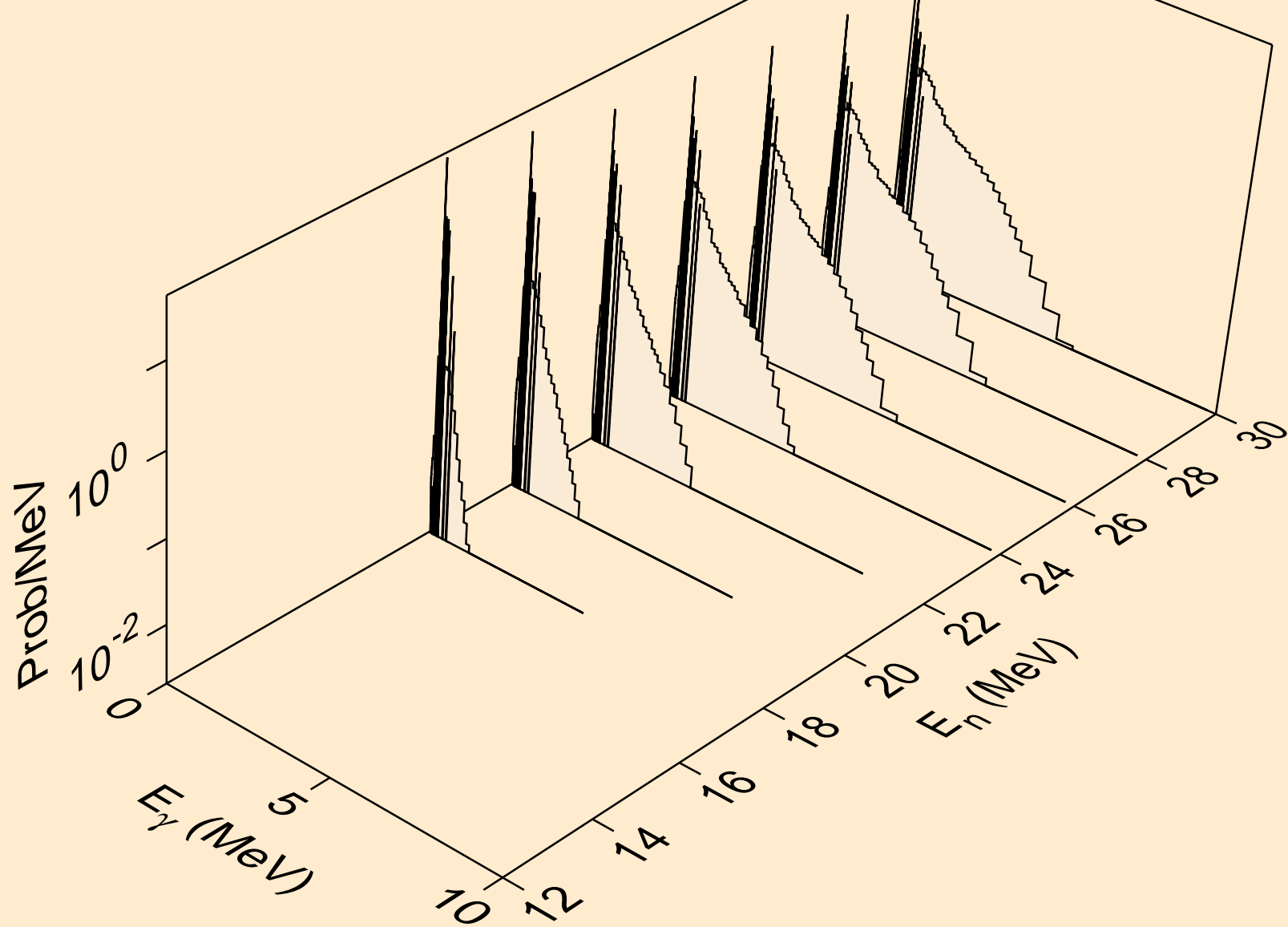
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



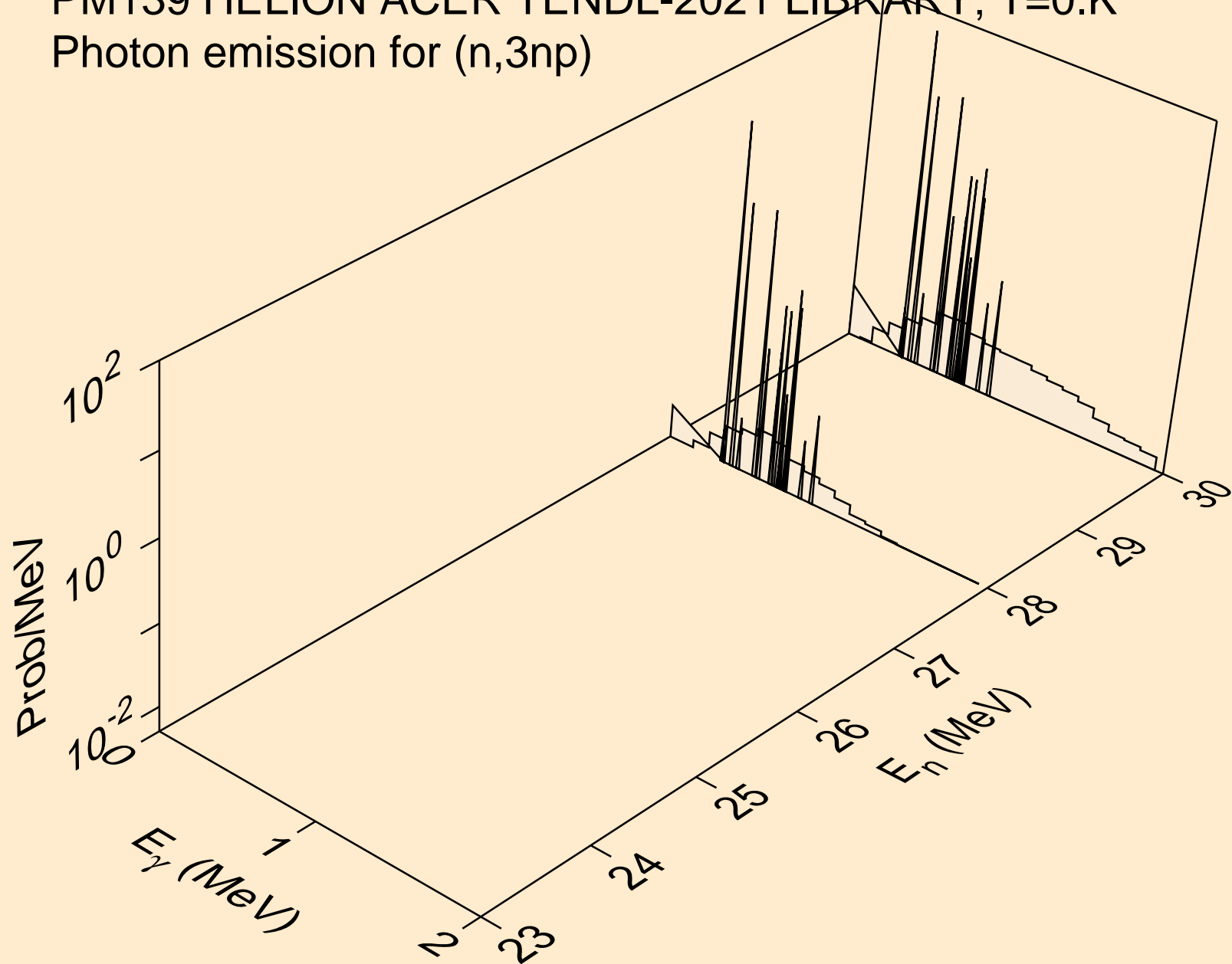
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



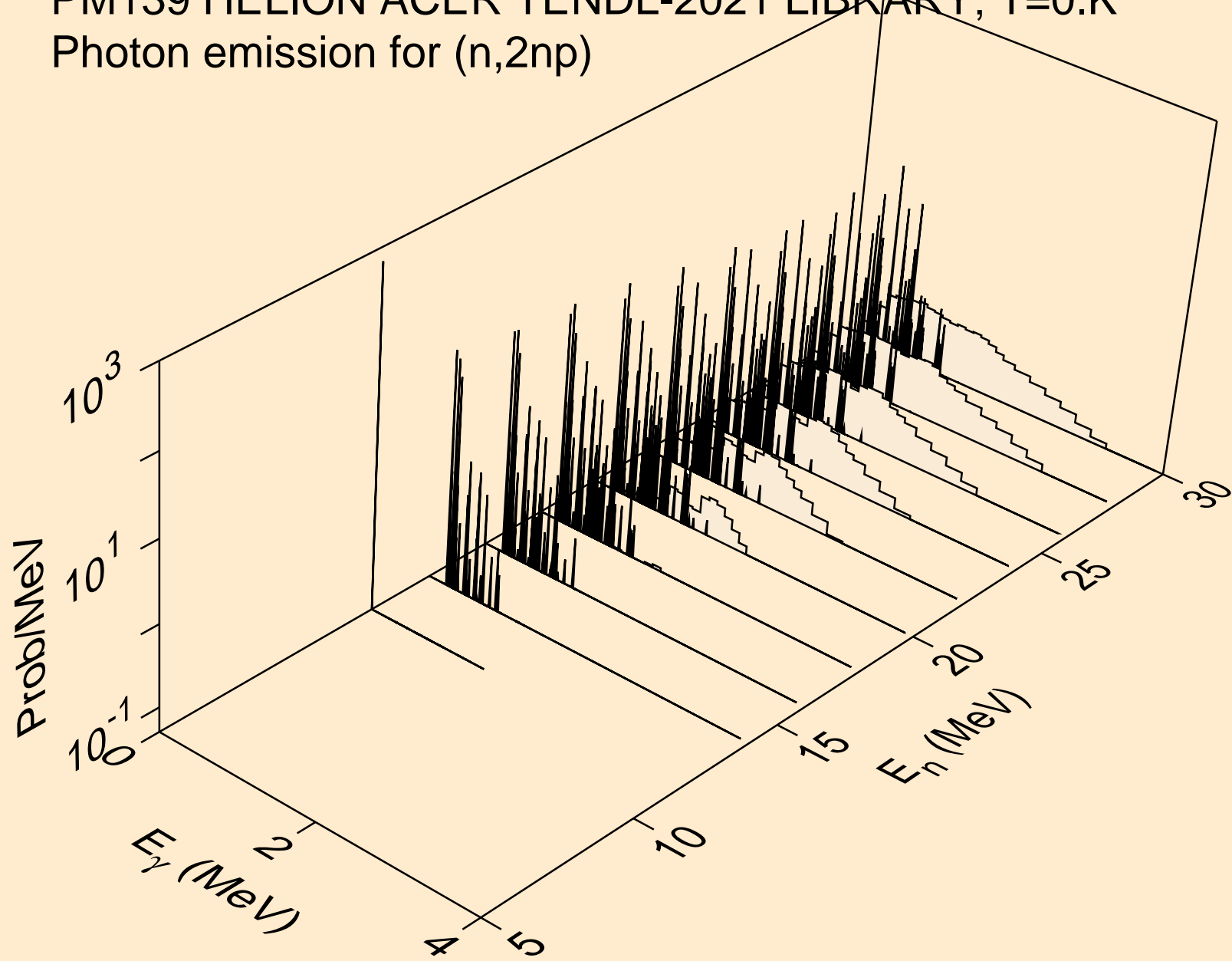
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



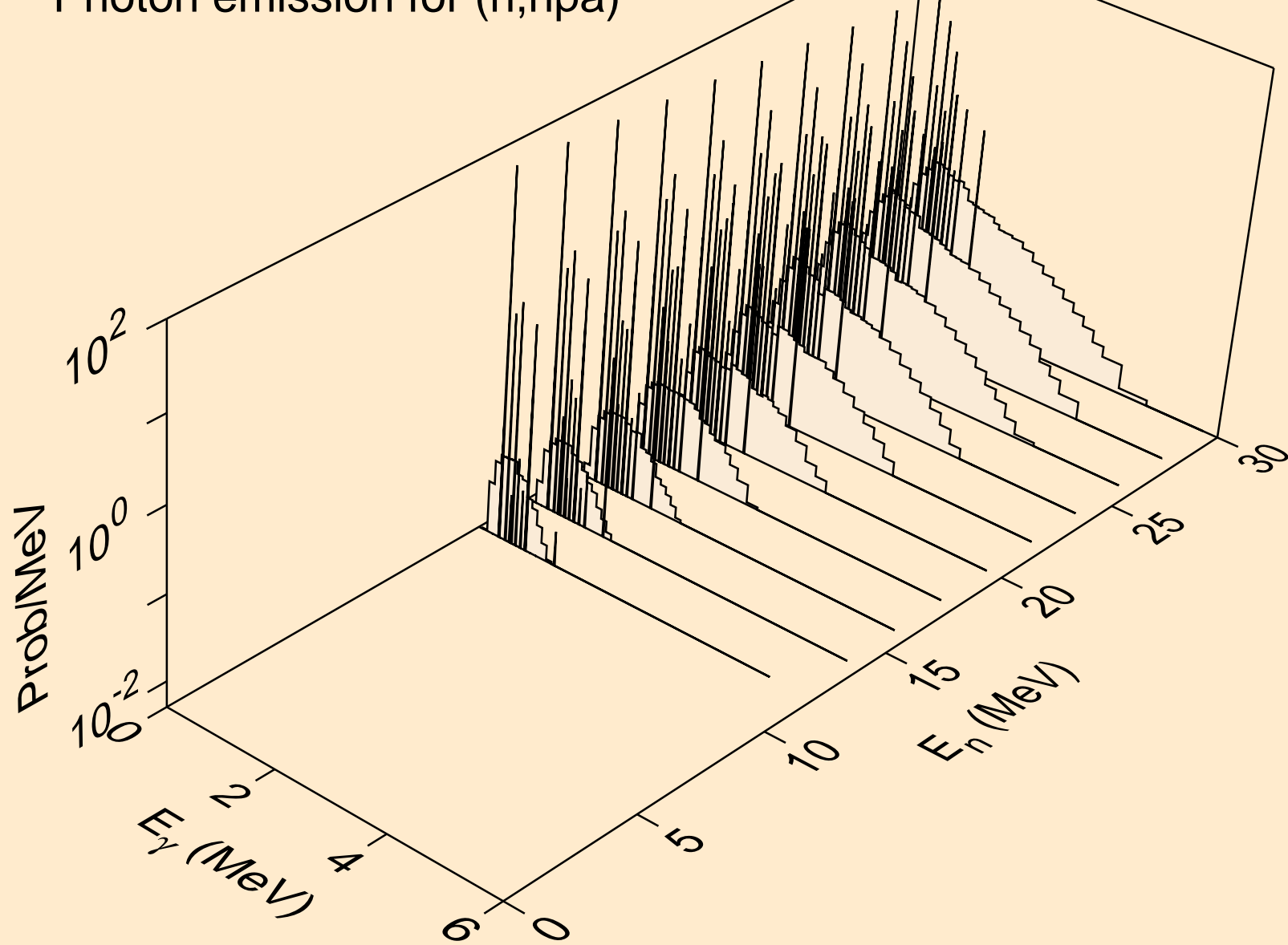
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

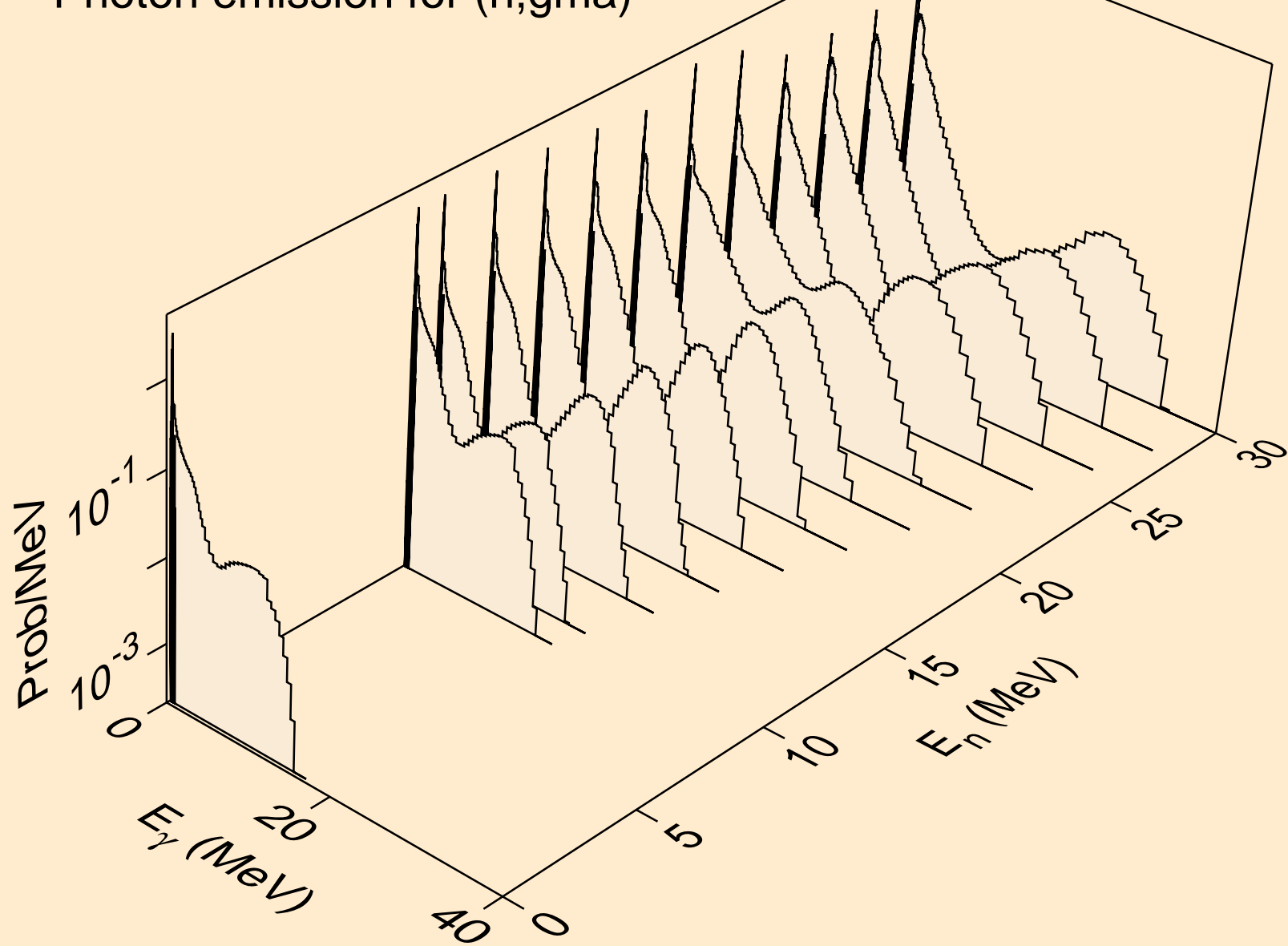


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Photon emission for (n,npa)

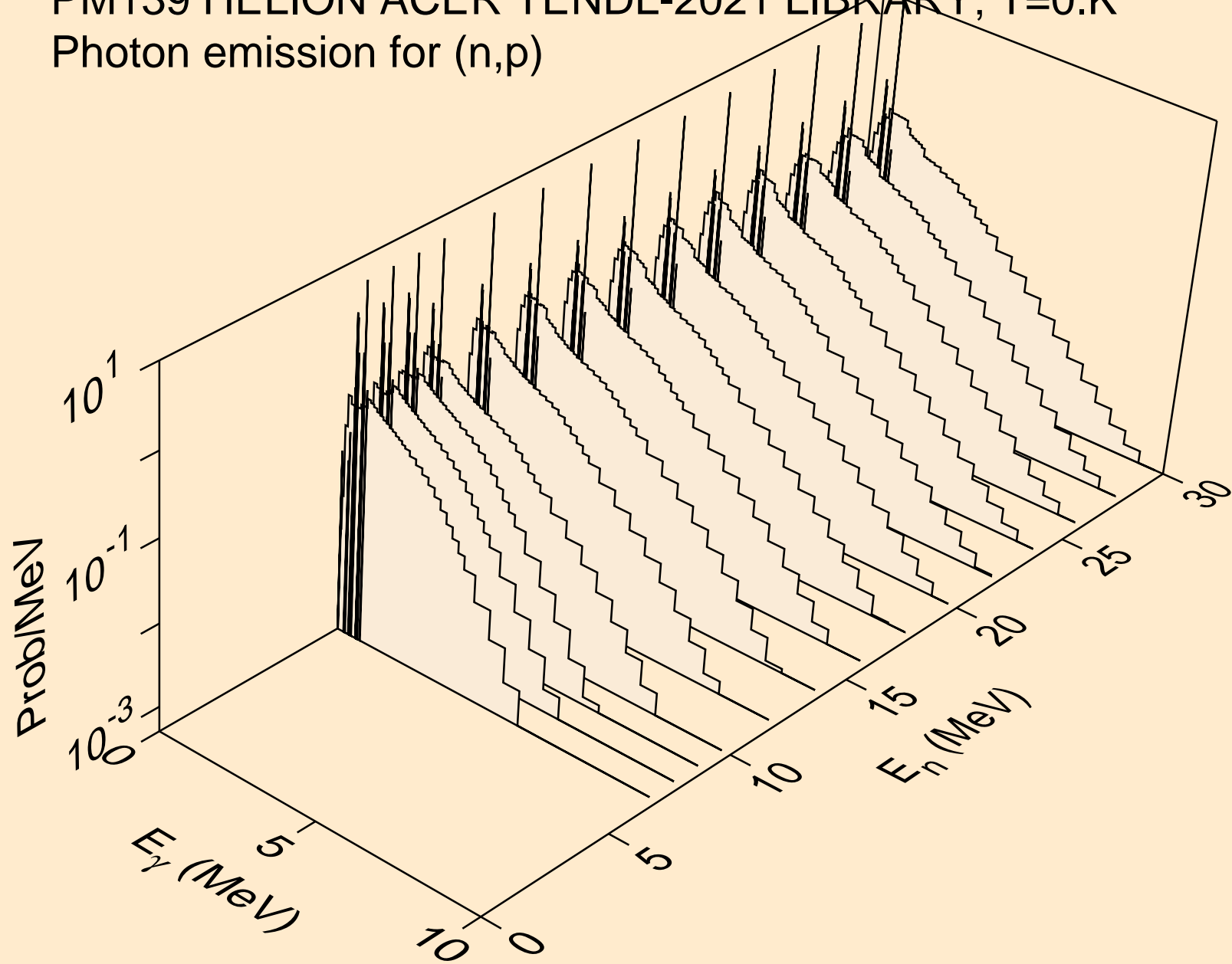




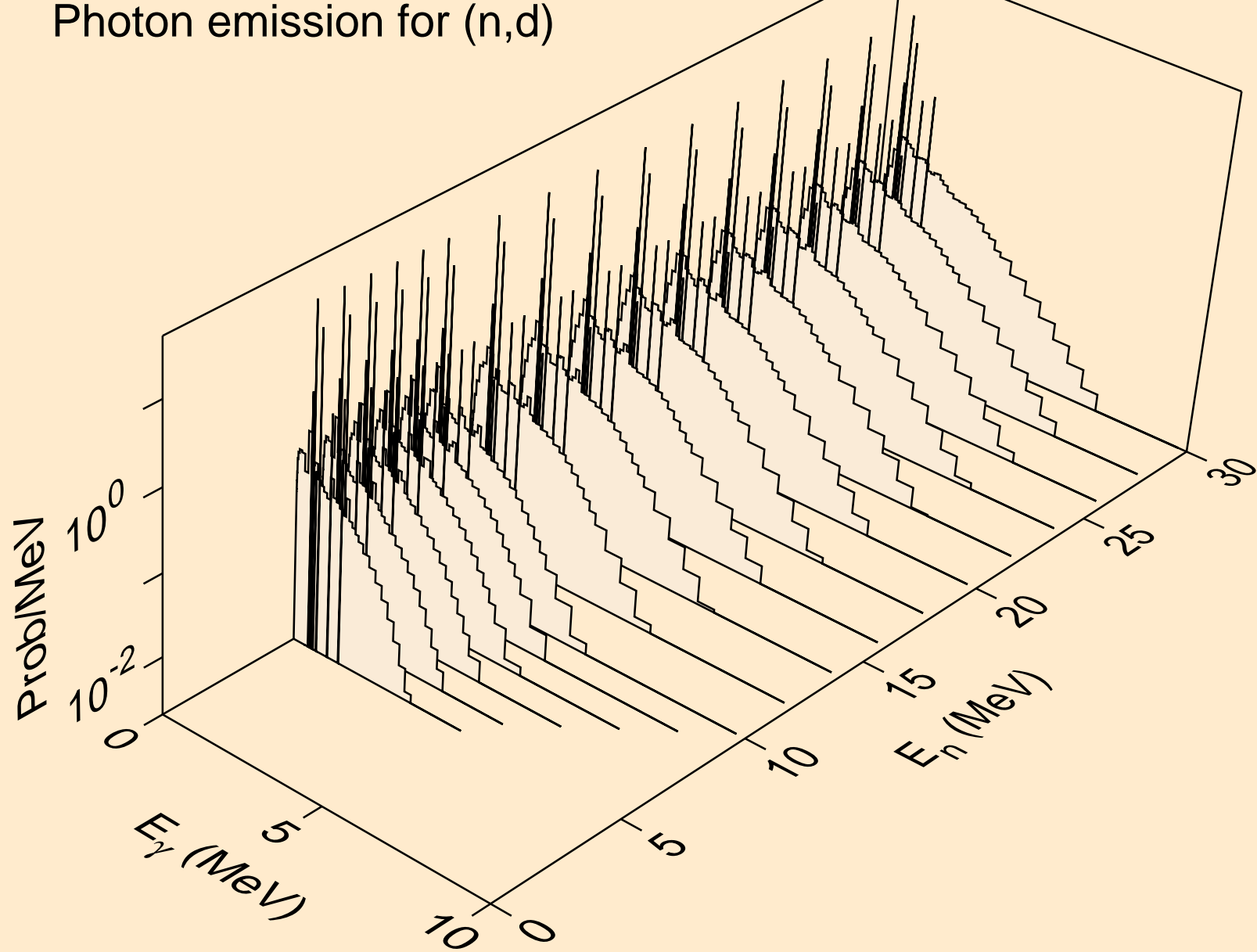
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Photon emission for (n,gma)



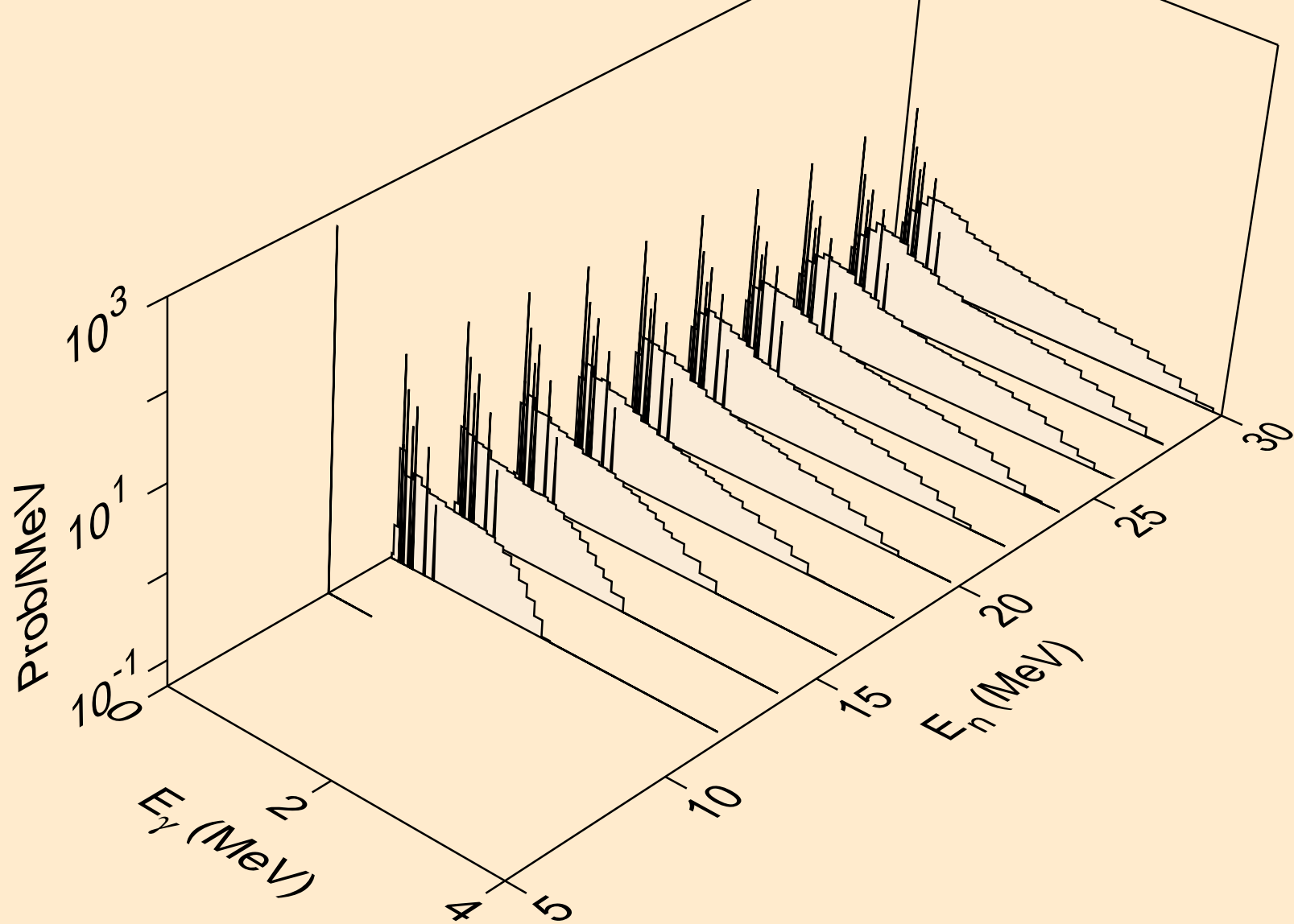
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Photon emission for (n,p)



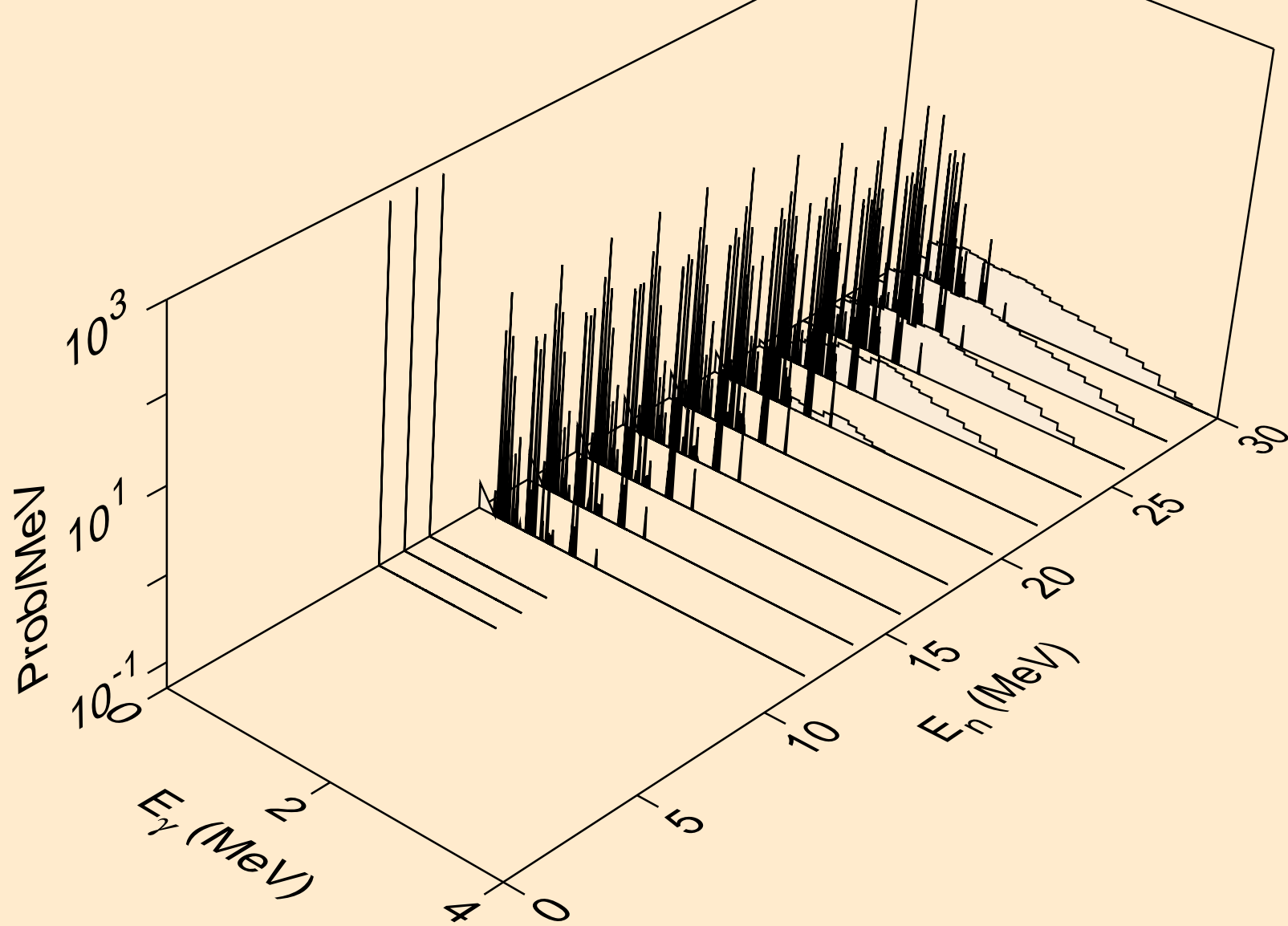
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



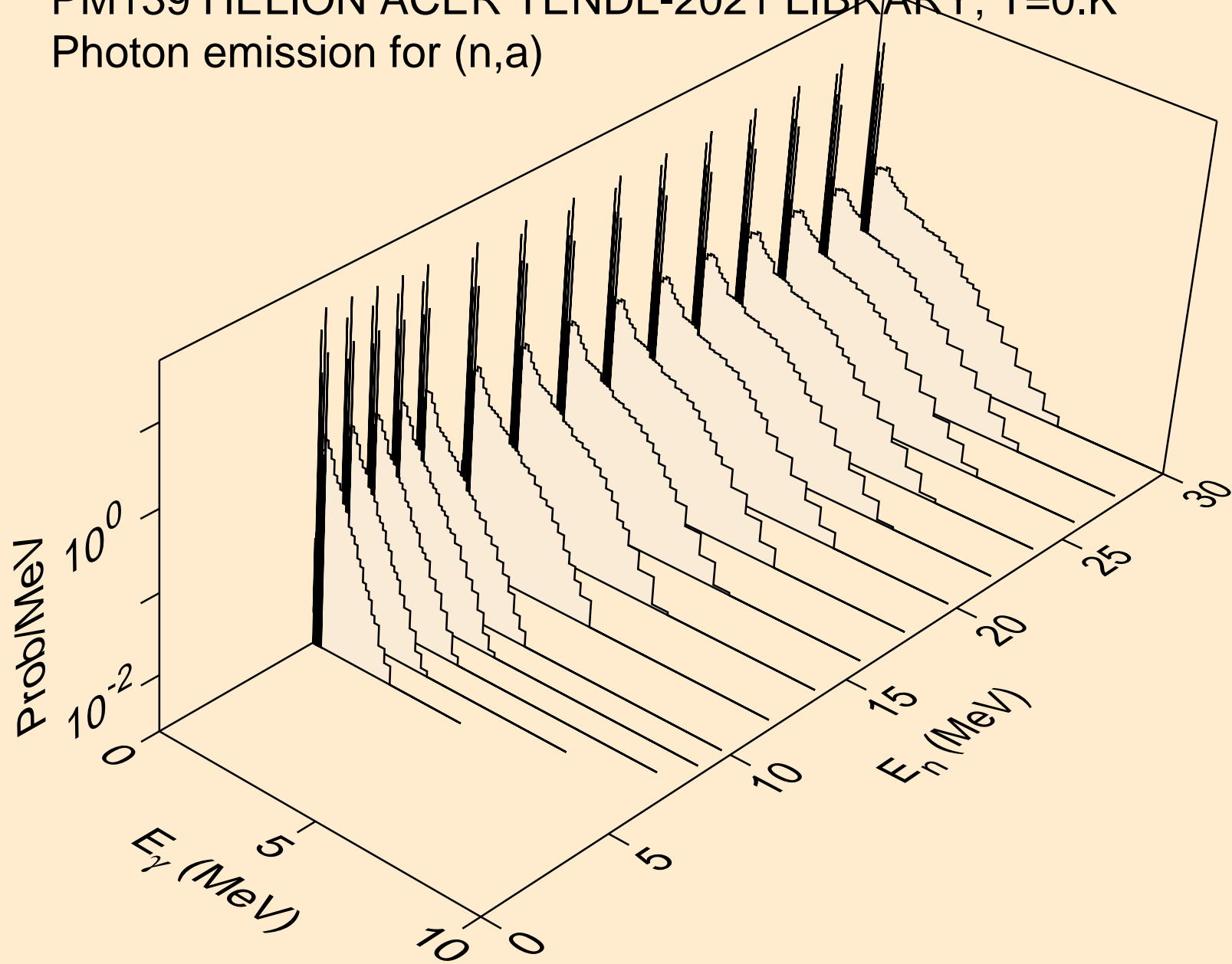
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



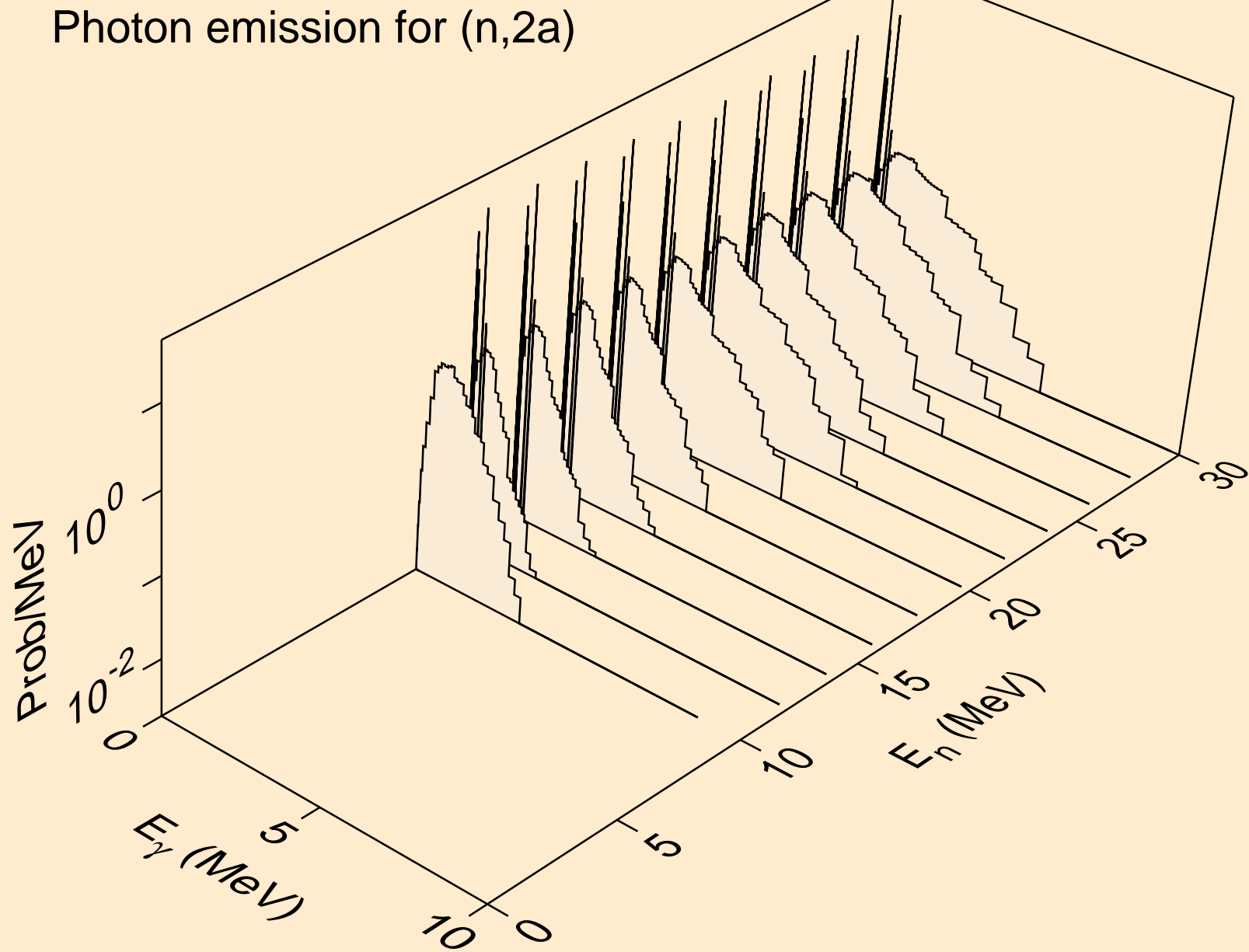
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



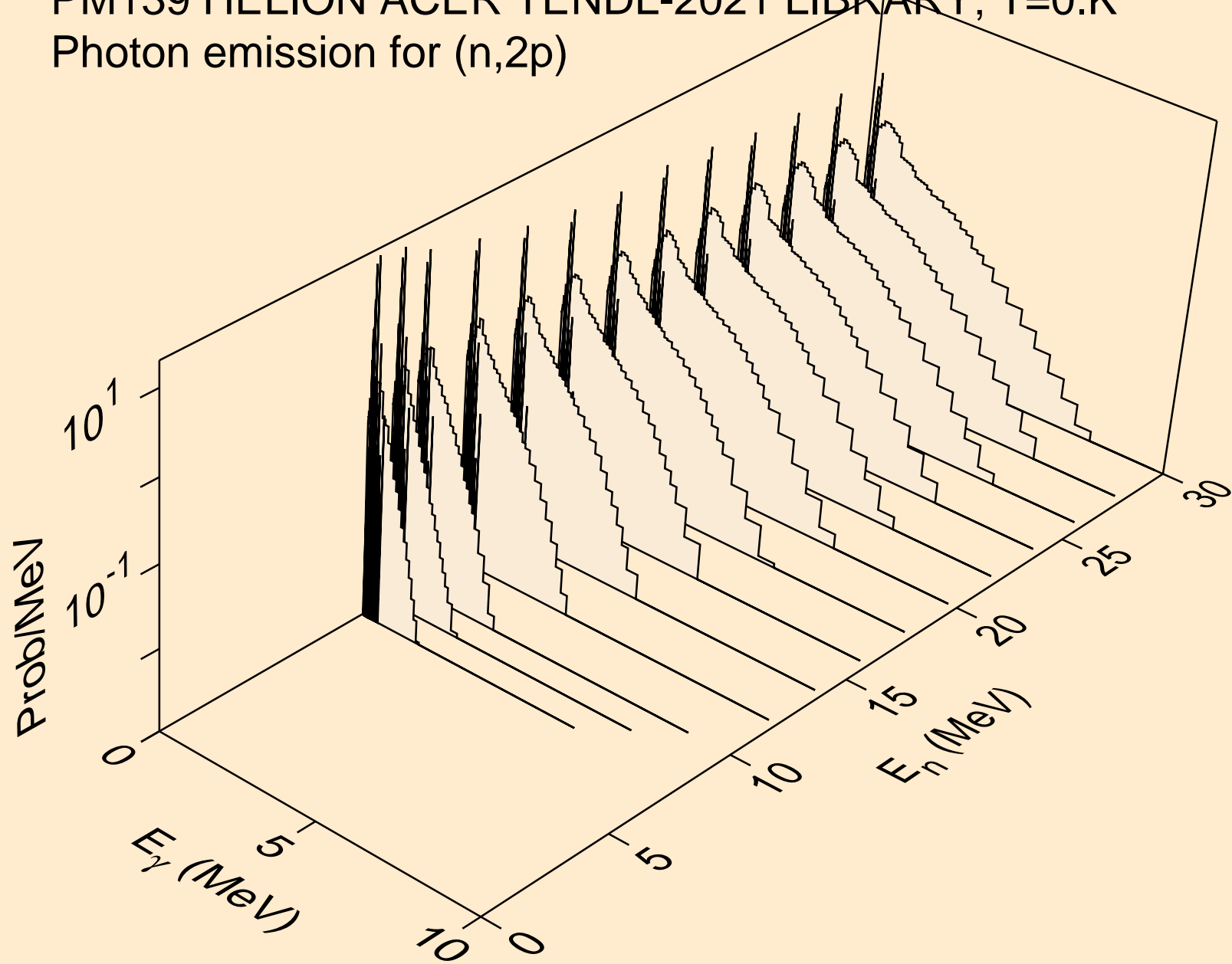
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

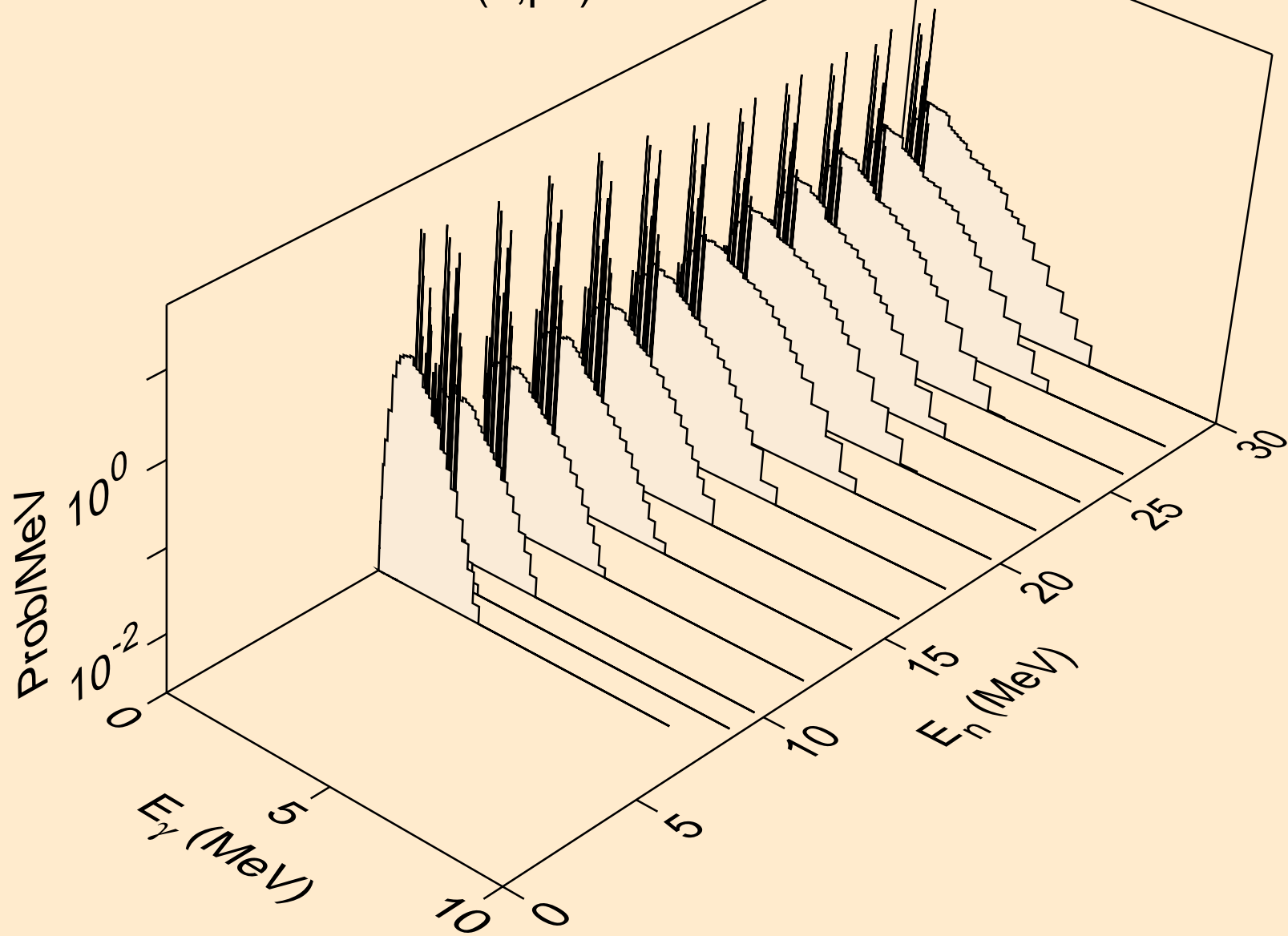


PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

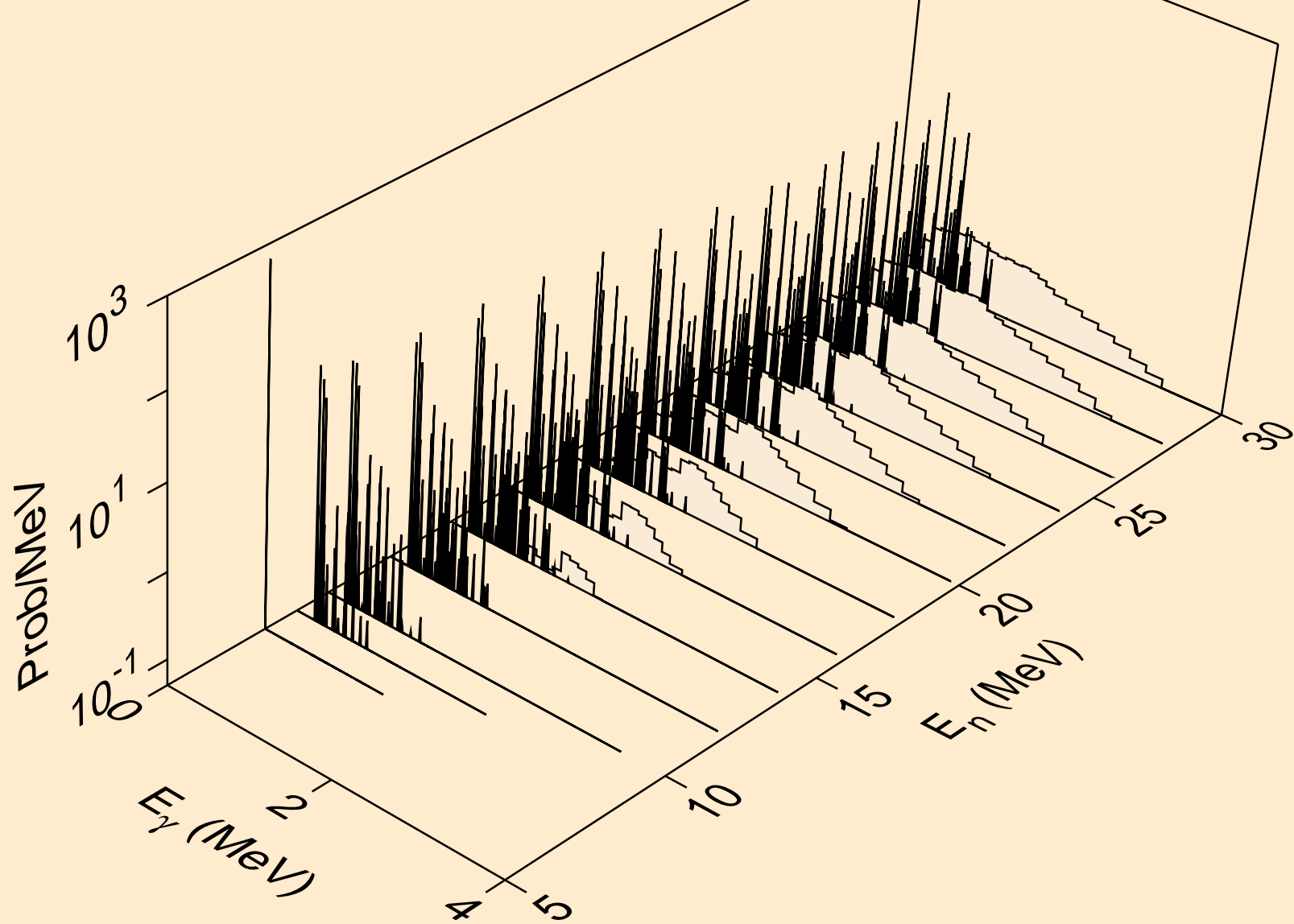




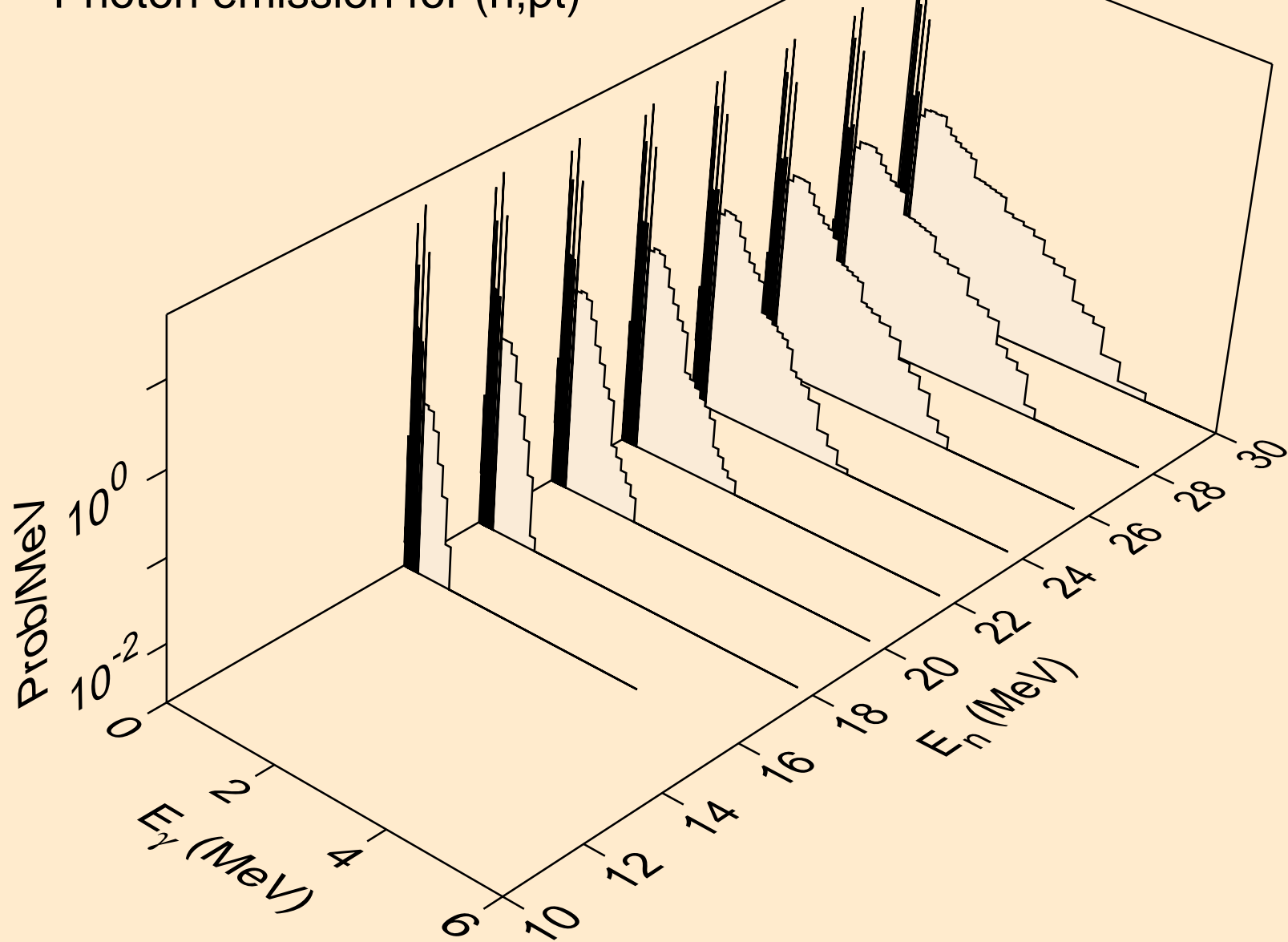
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Photon emission for (n,p)



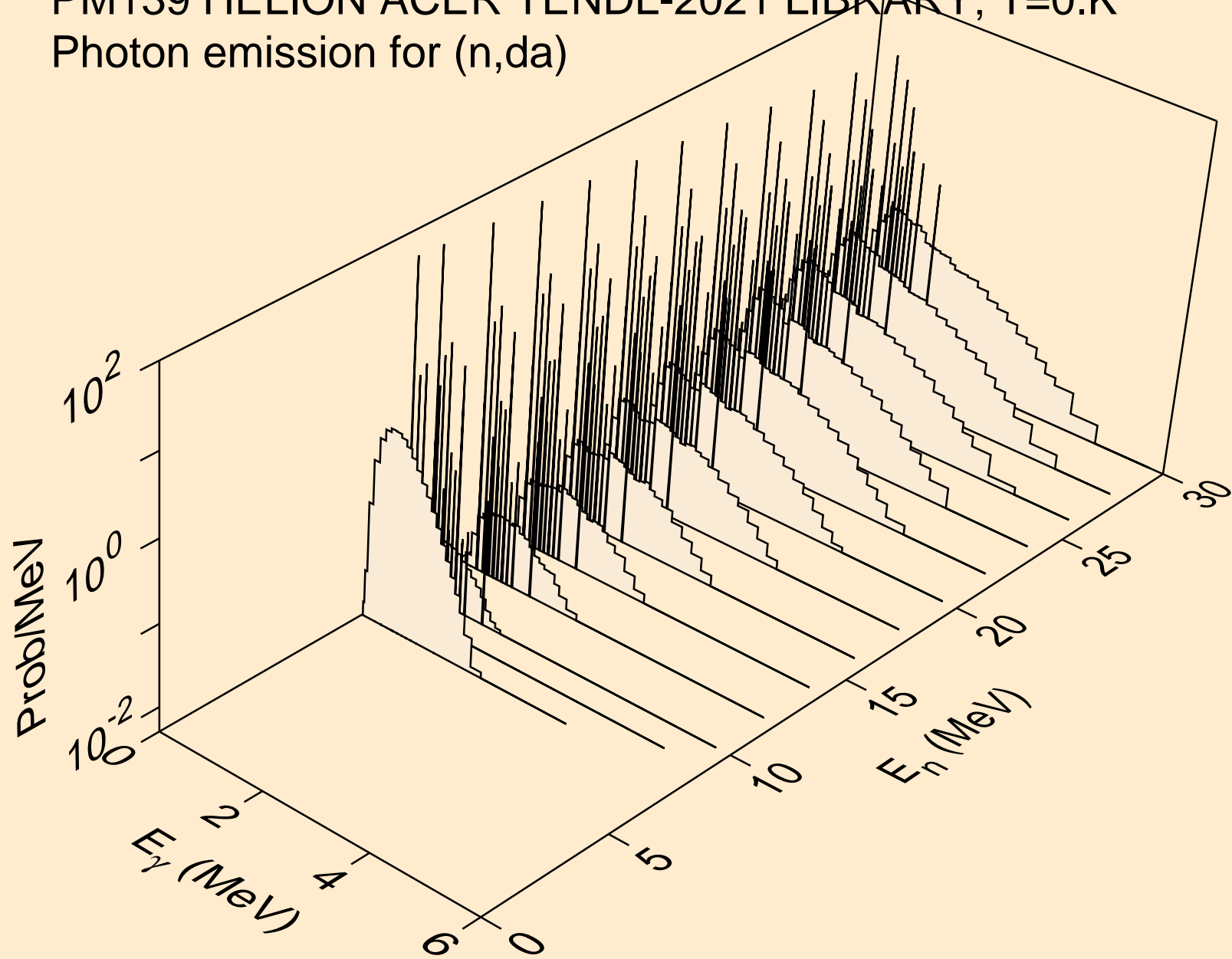
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Photon emission for (n,pd)



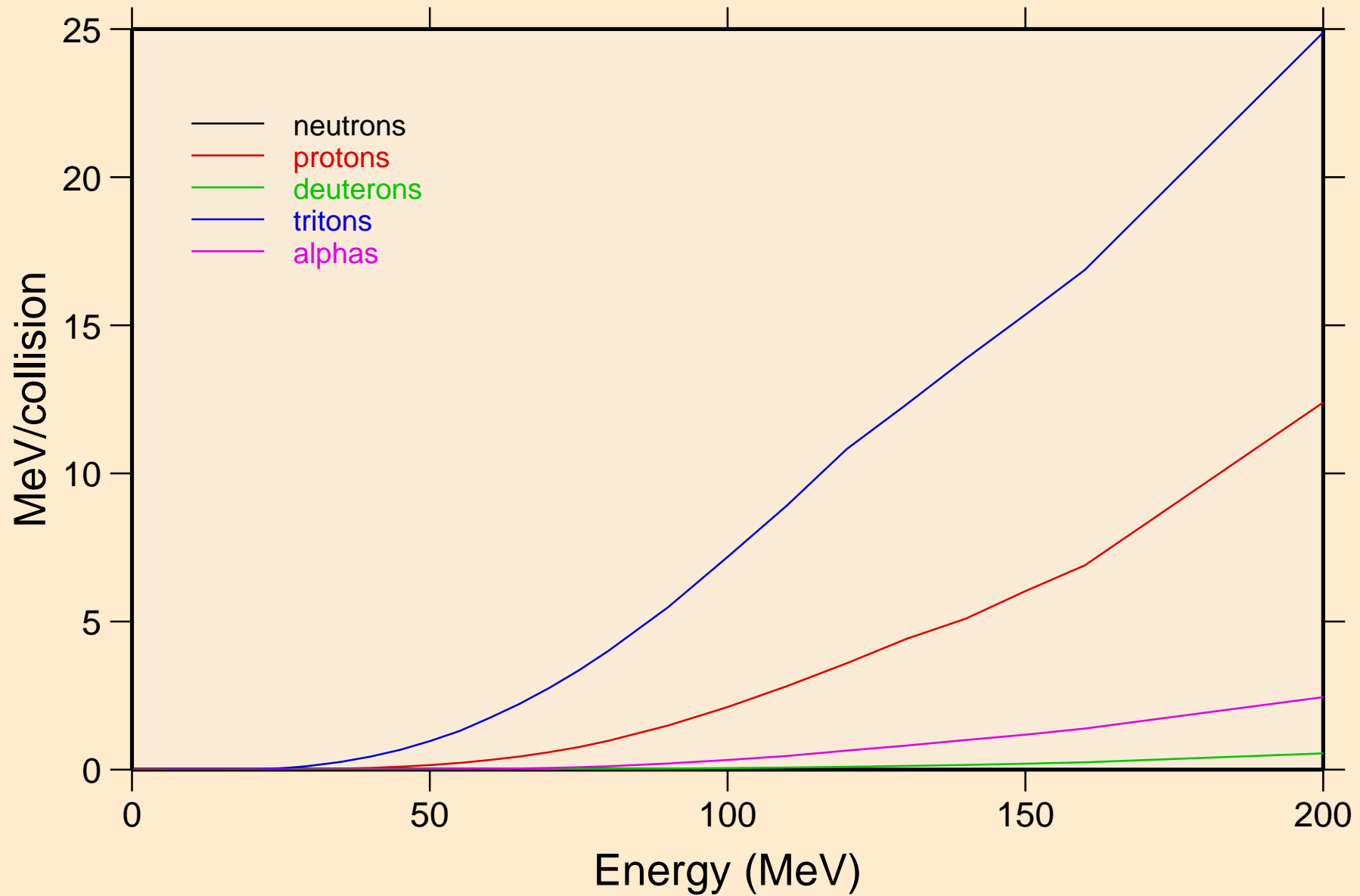
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Photon emission for (n,pt)



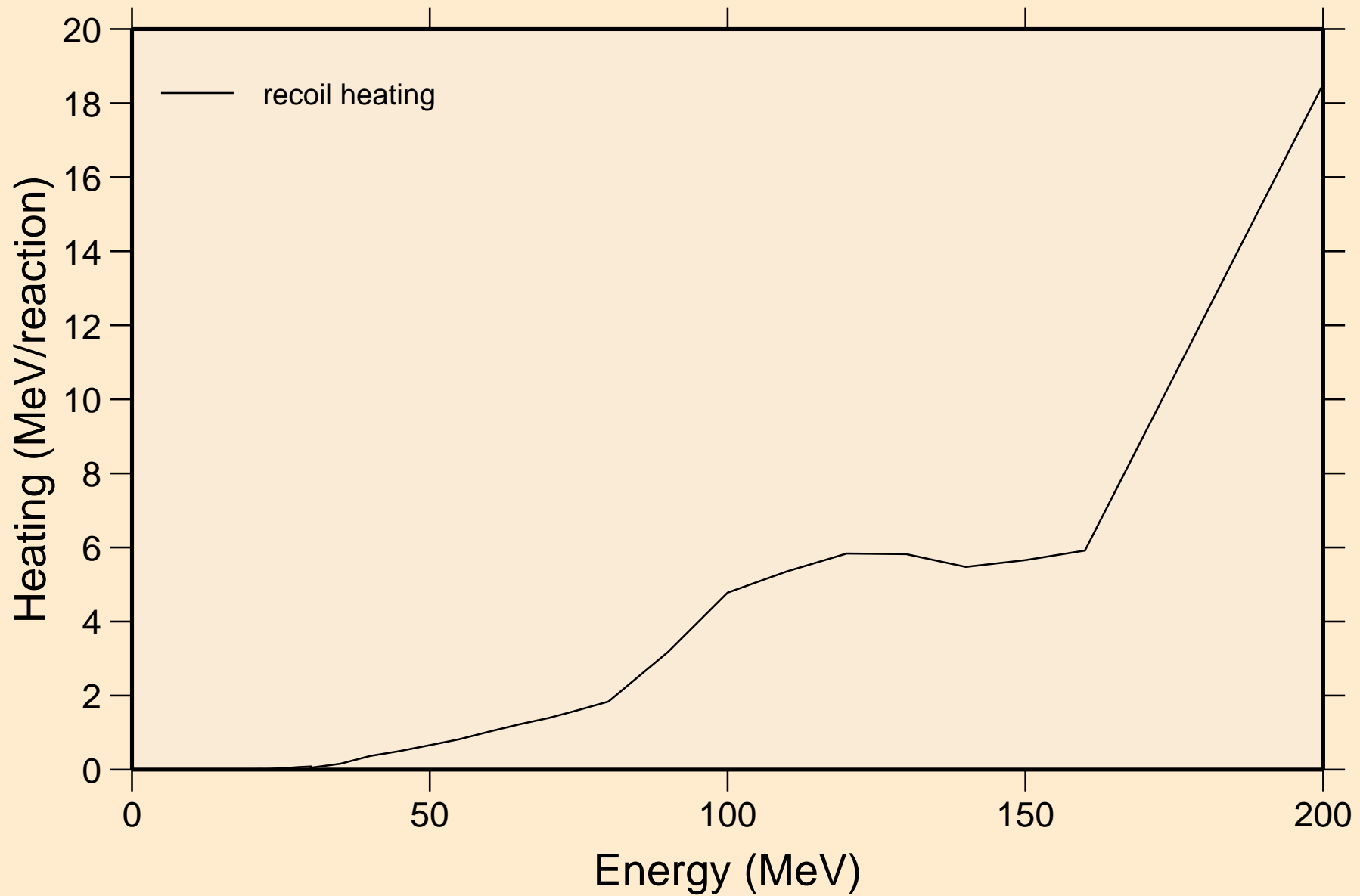
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Photon emission for (n,da)



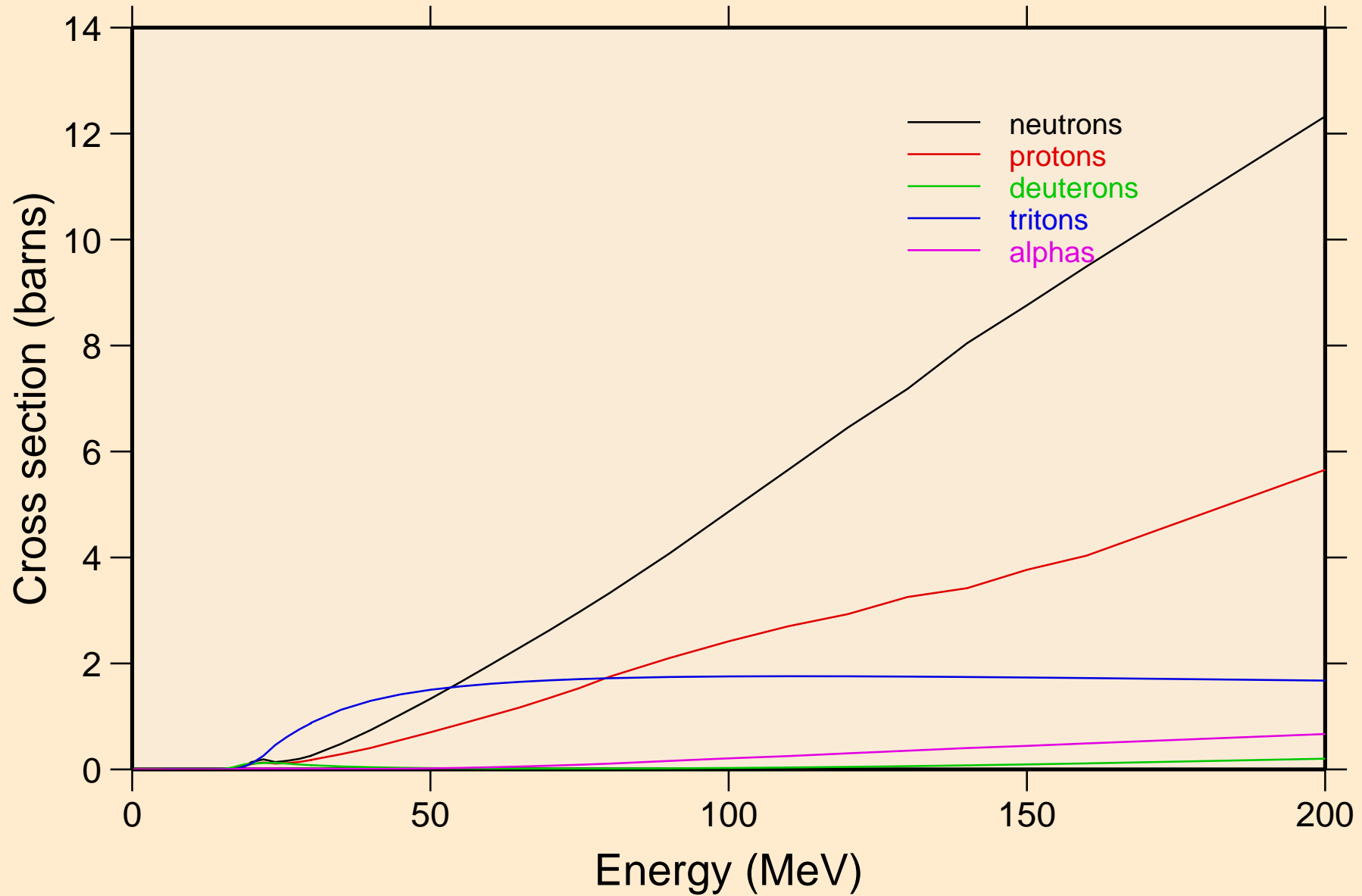
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



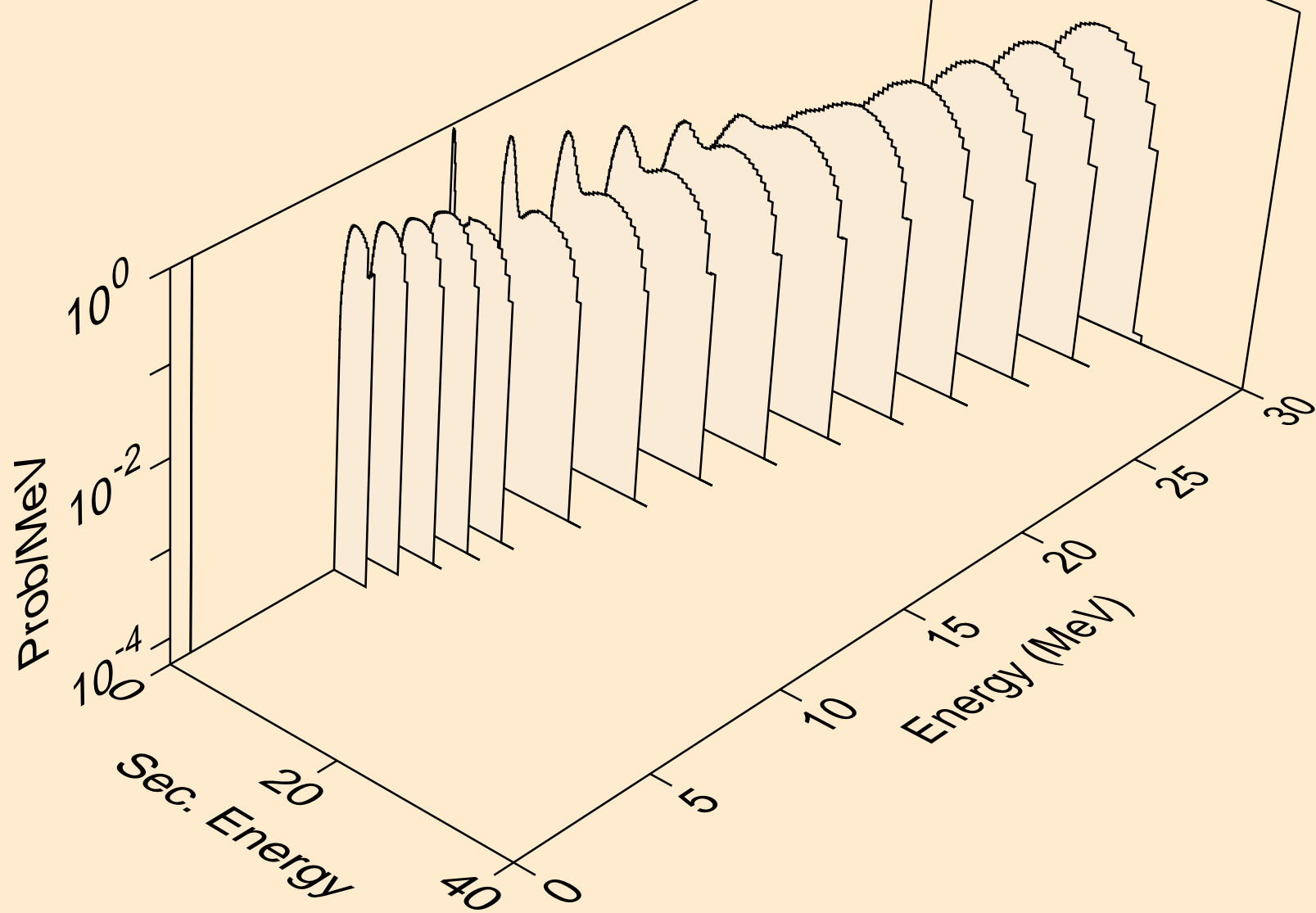
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

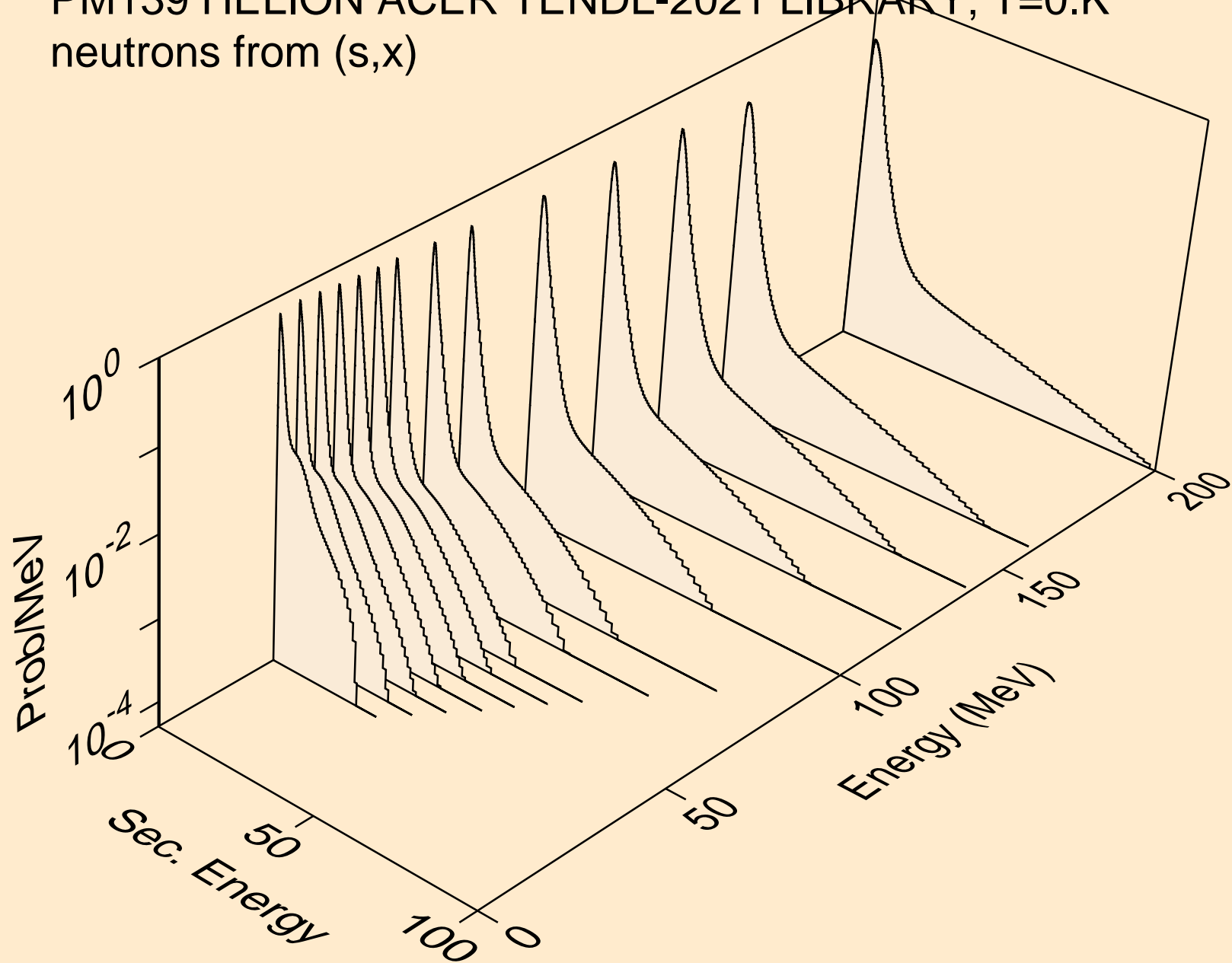


PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

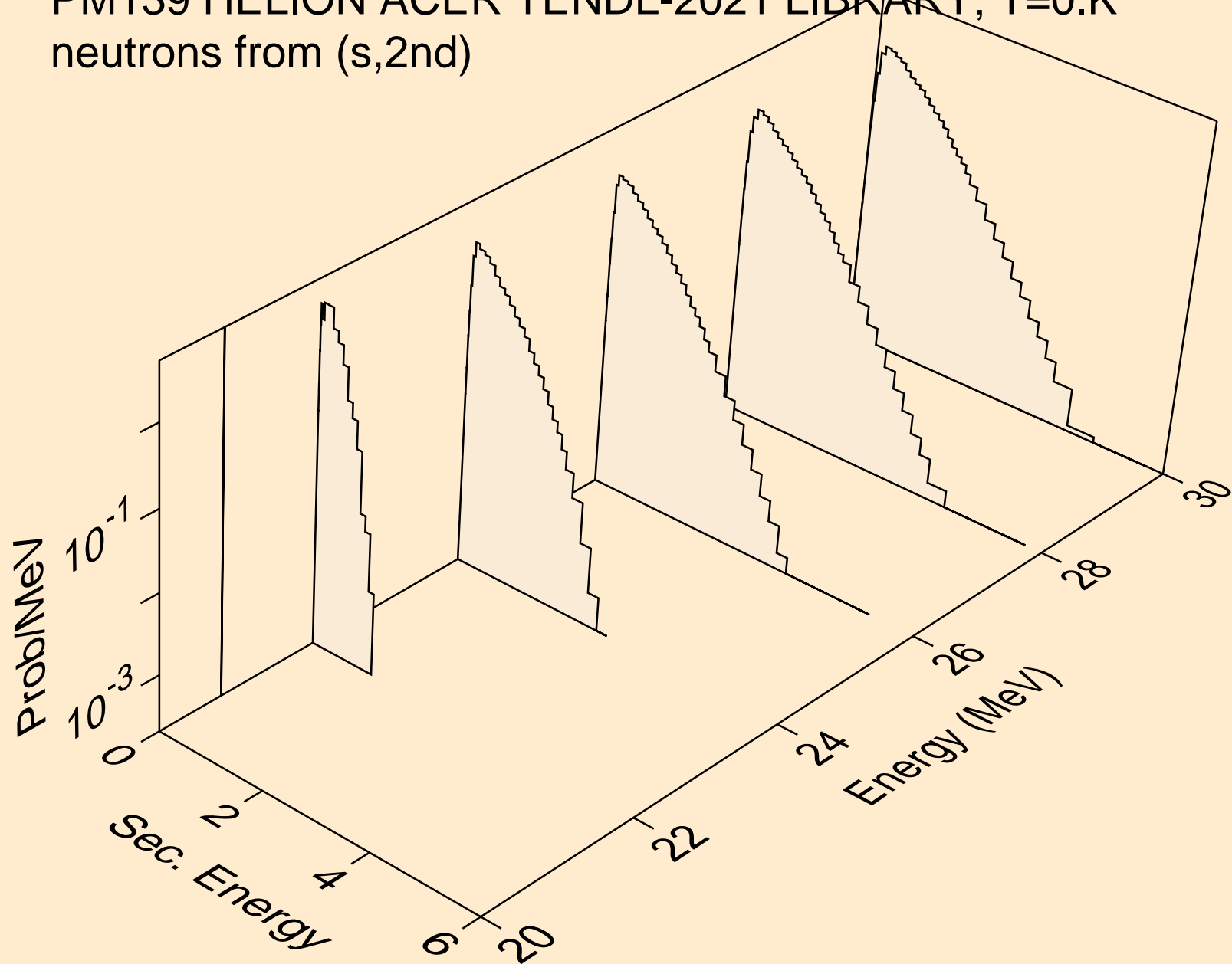




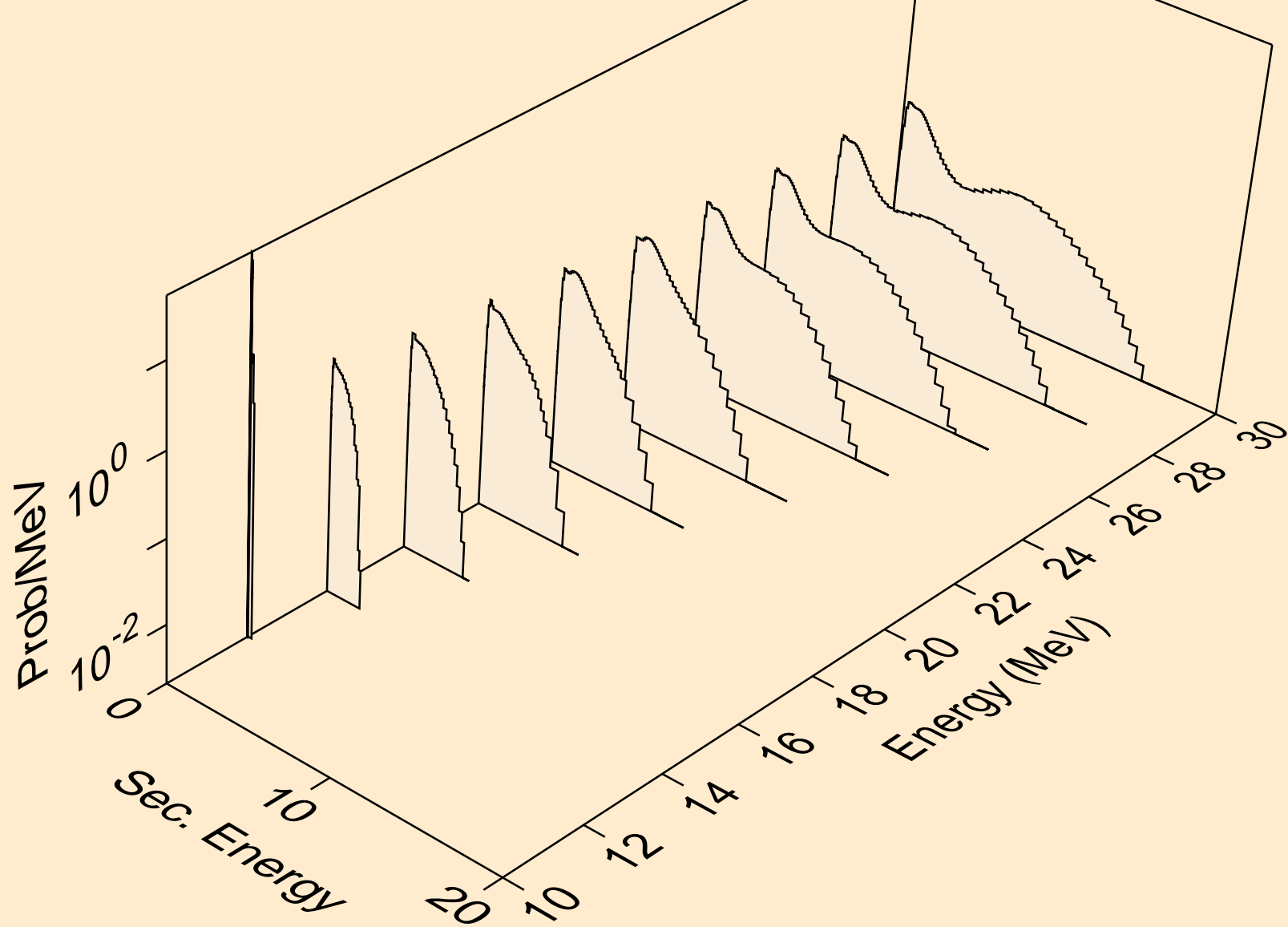
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



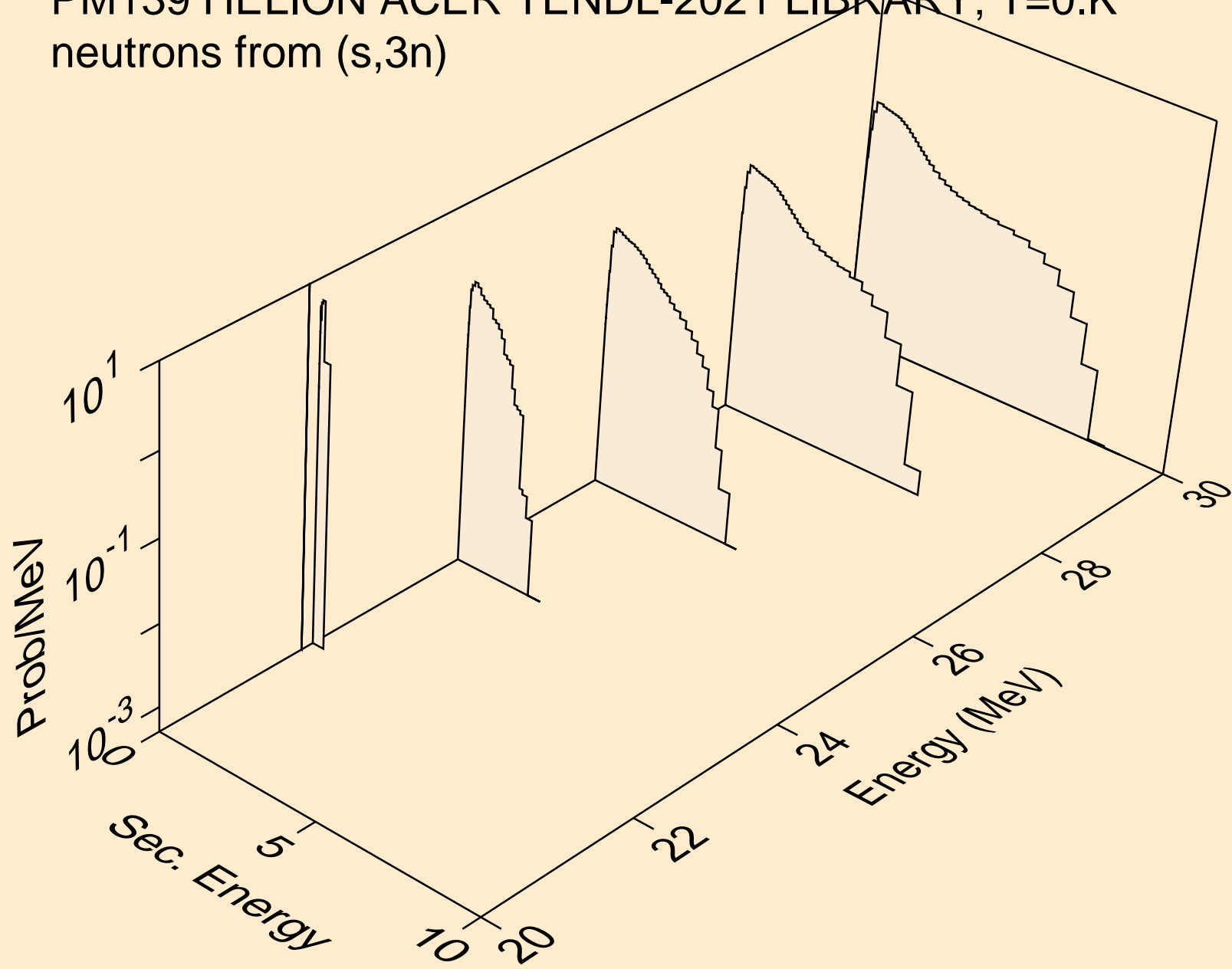
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neutrons from (s,2nd)



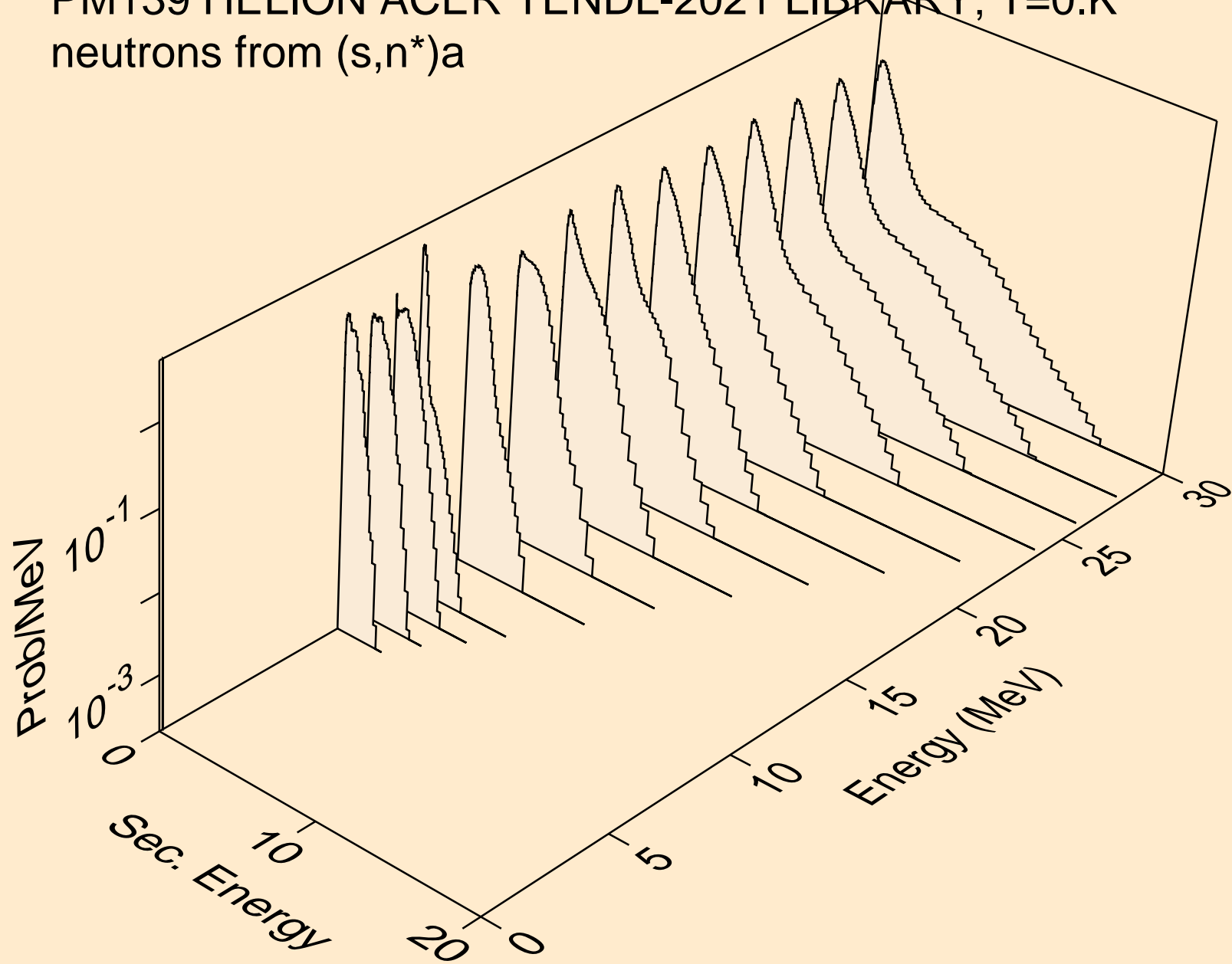
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neutrons from (s,2n)



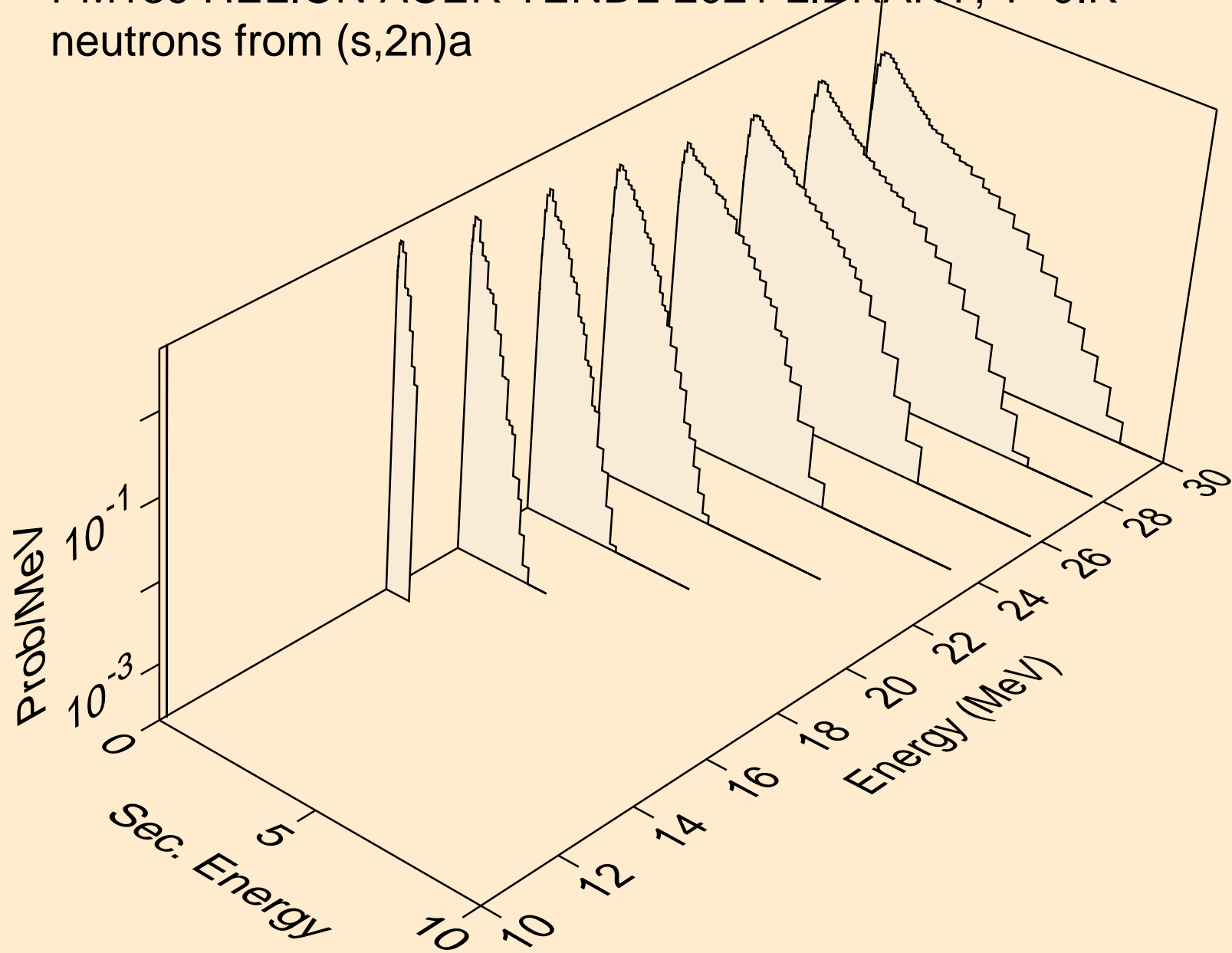
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



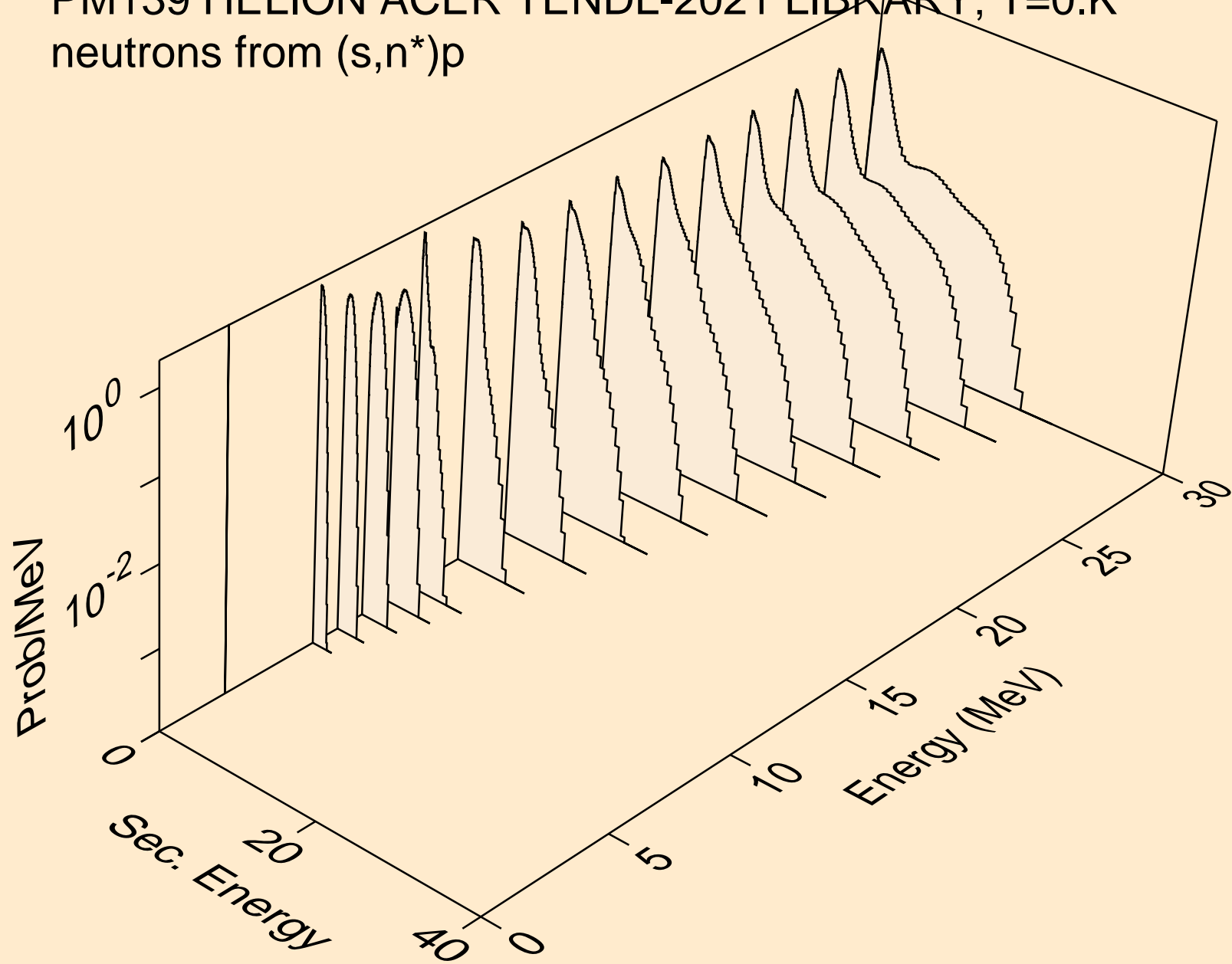
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



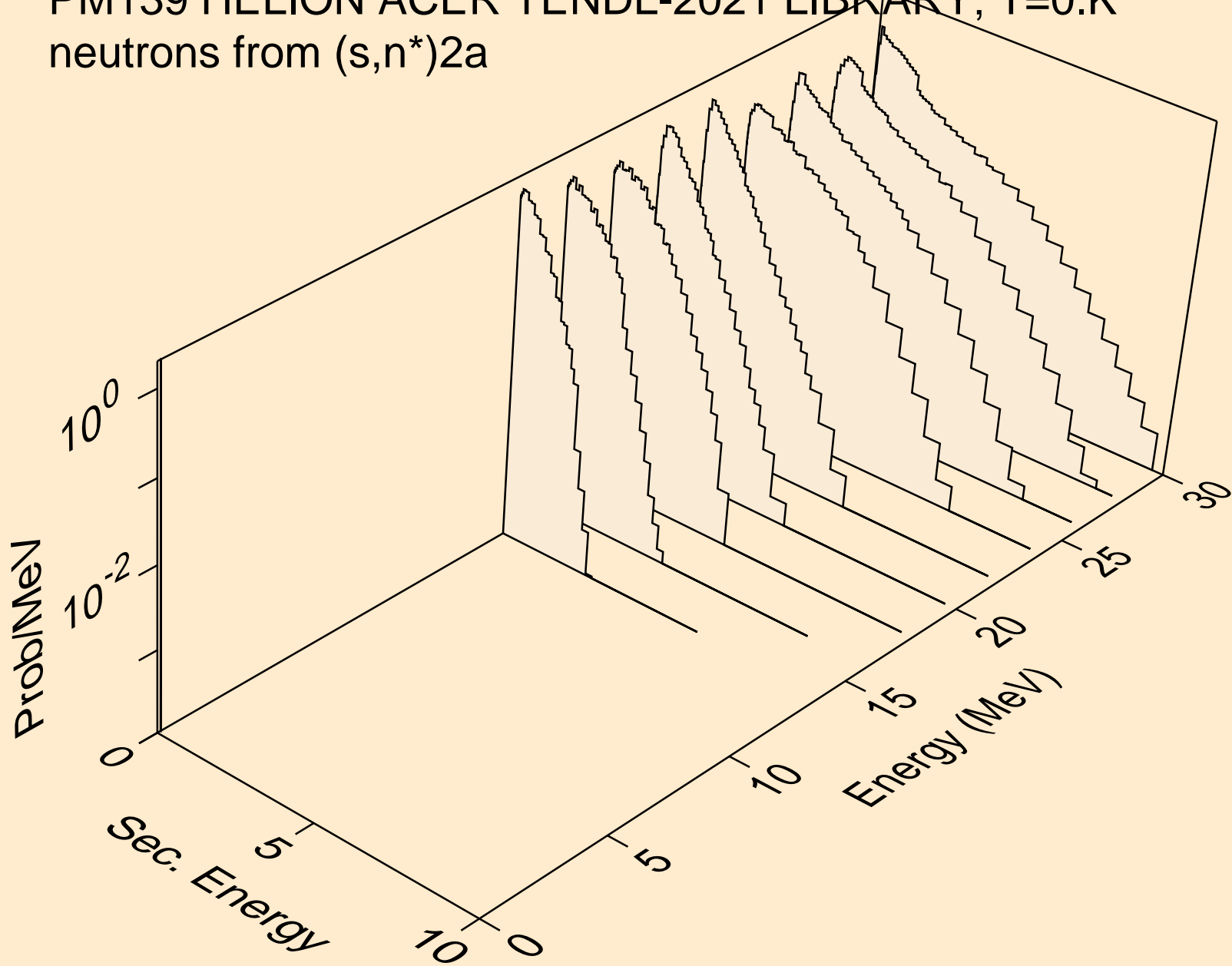
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

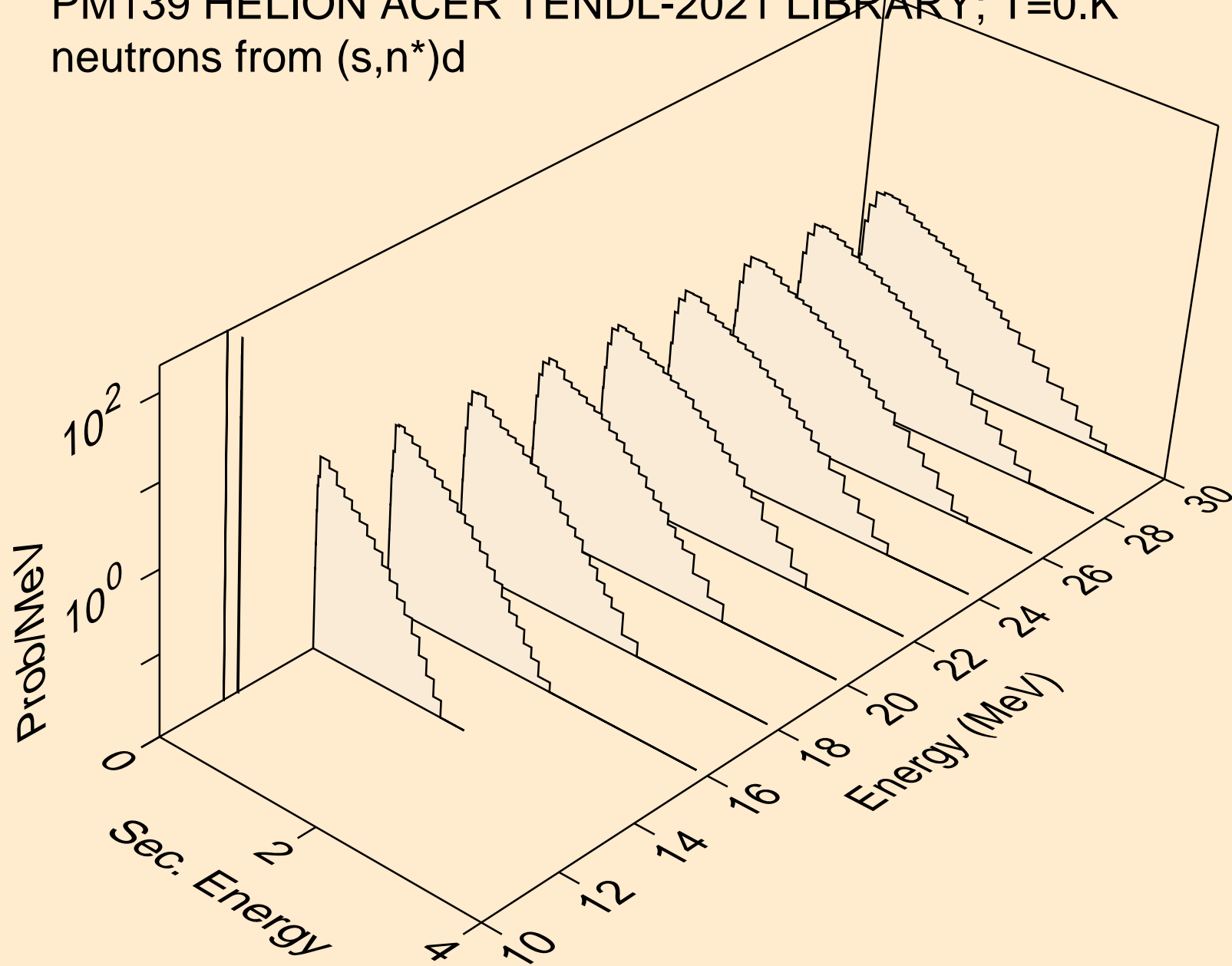


PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

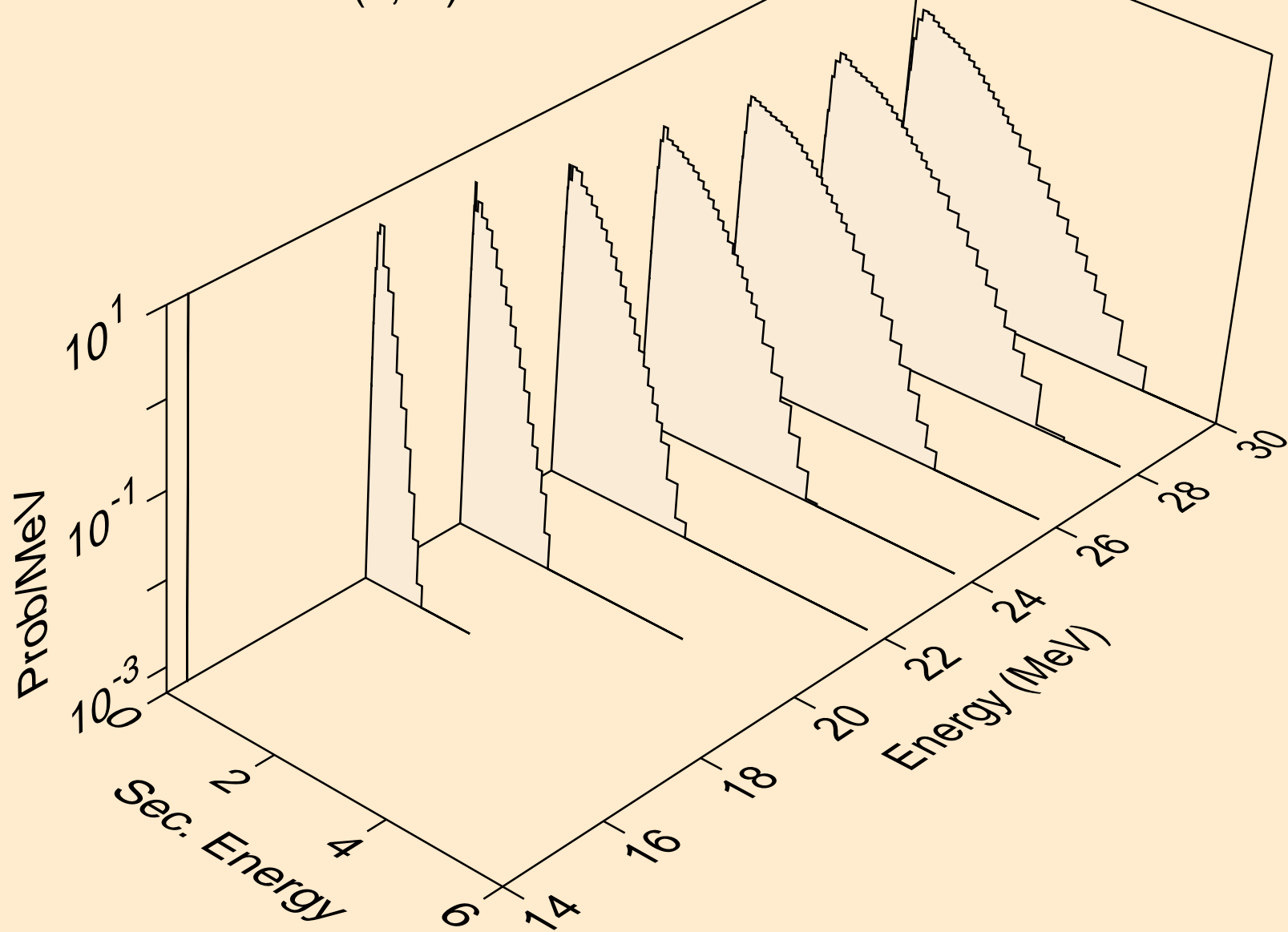




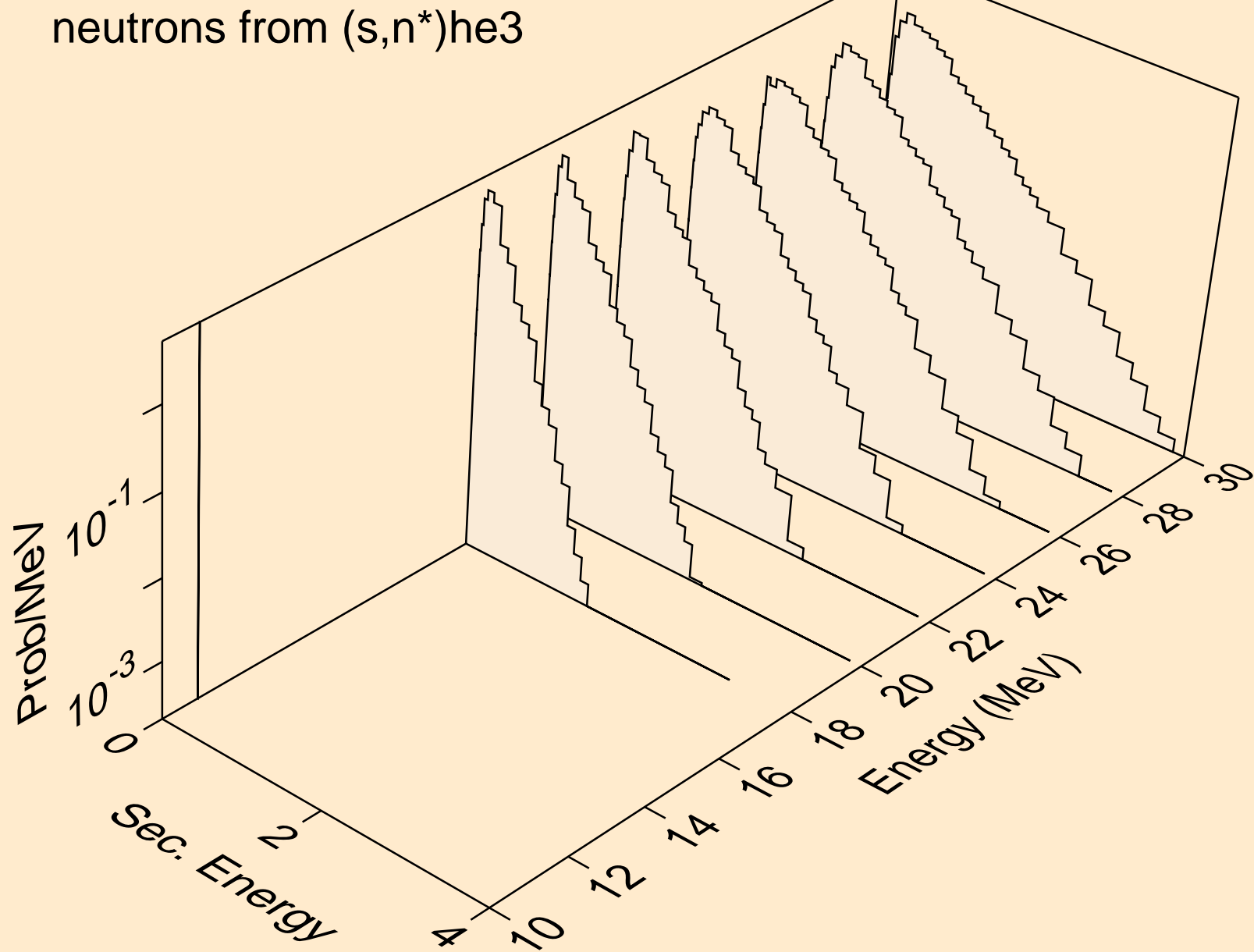
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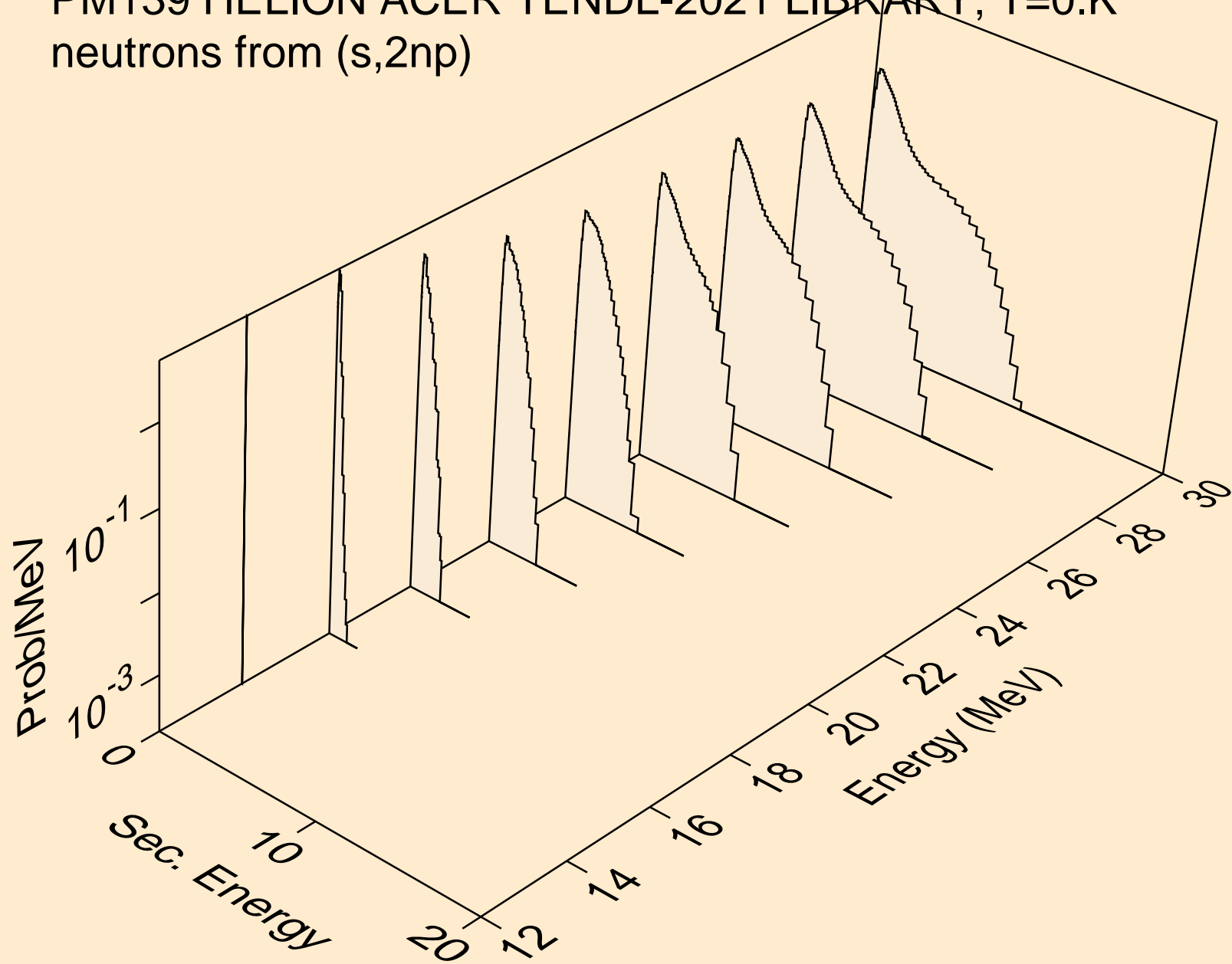
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neutrons from (s,n\*)t



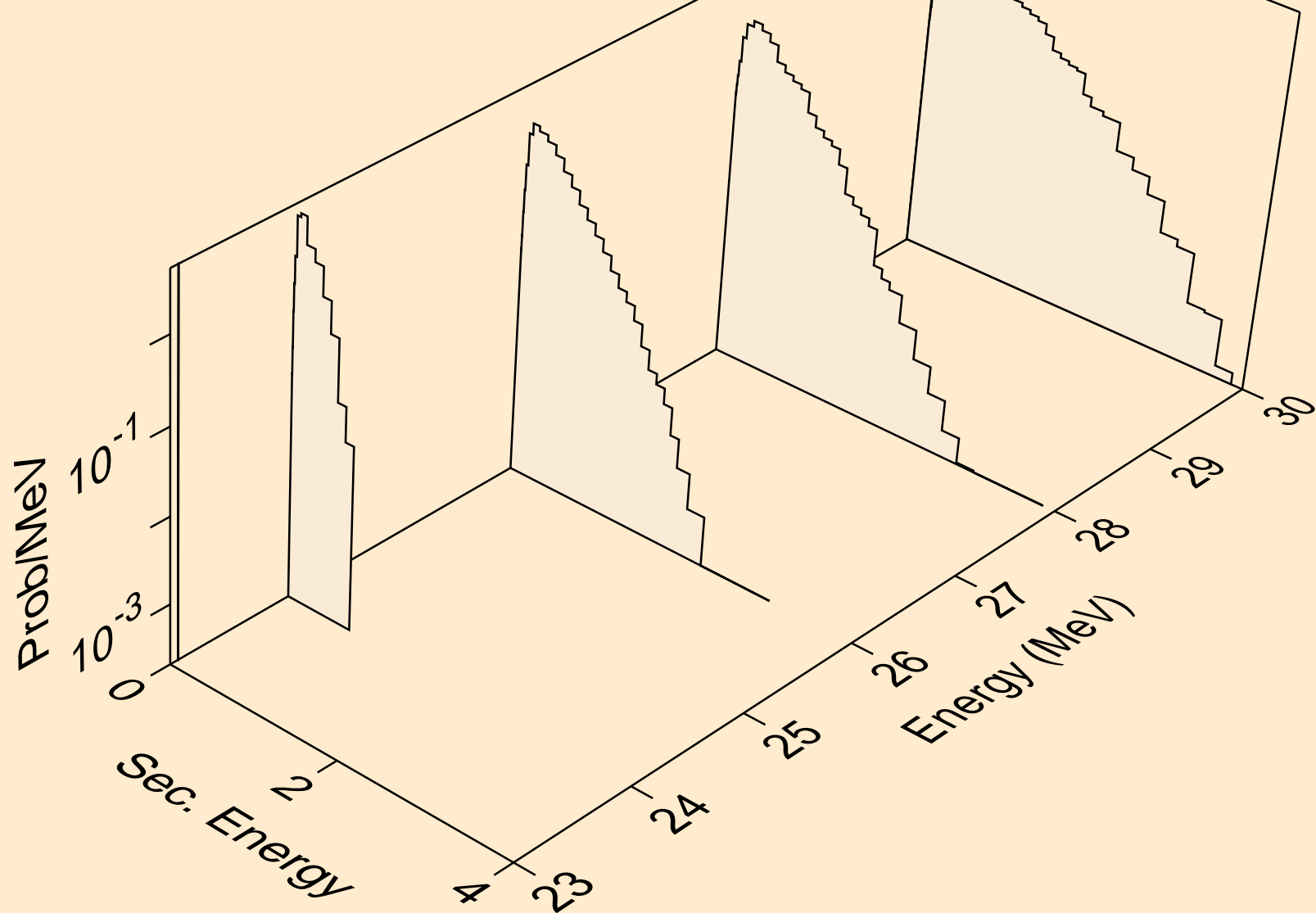
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



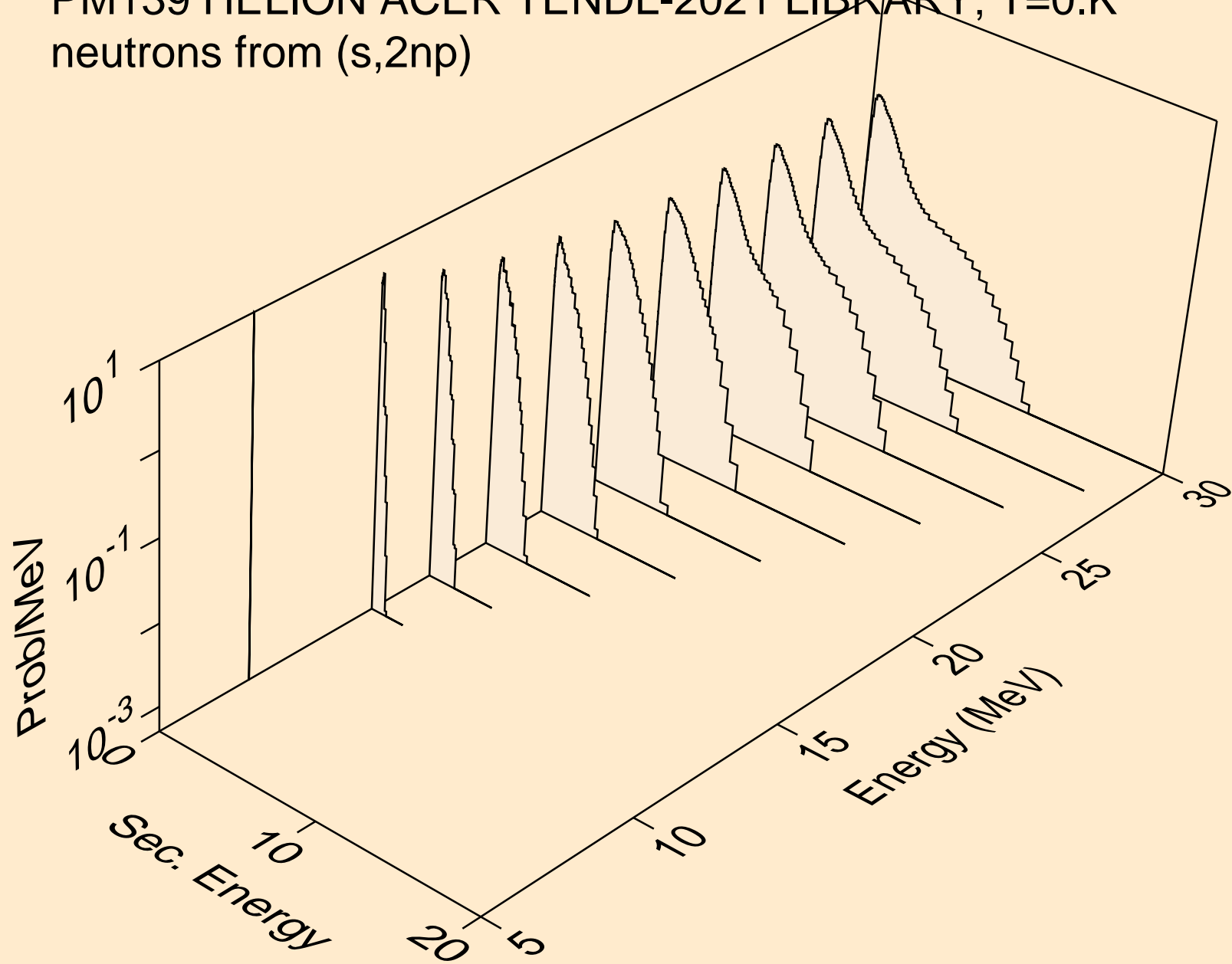
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neutrons from (s,2np)



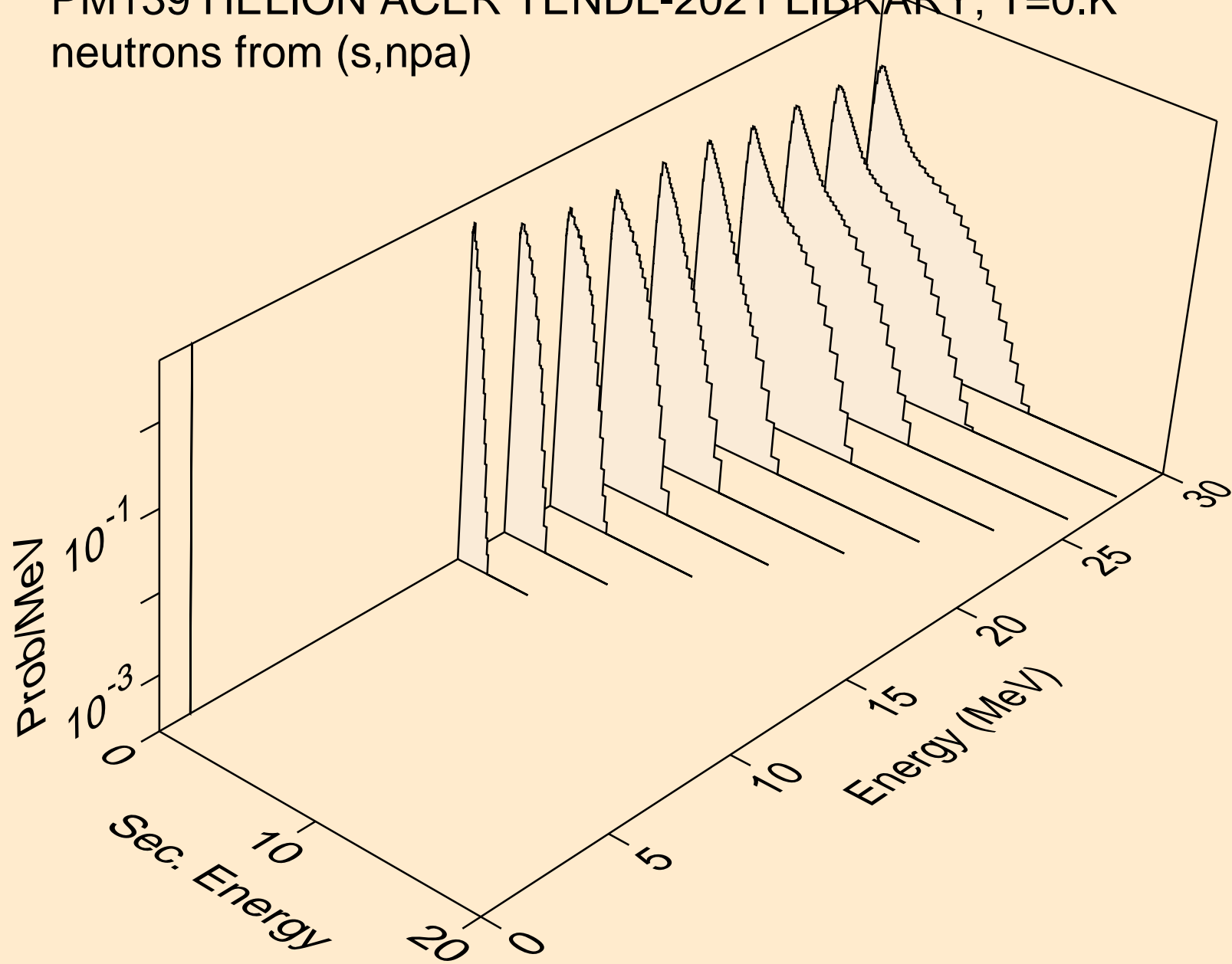
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neutrons from (s,3np)



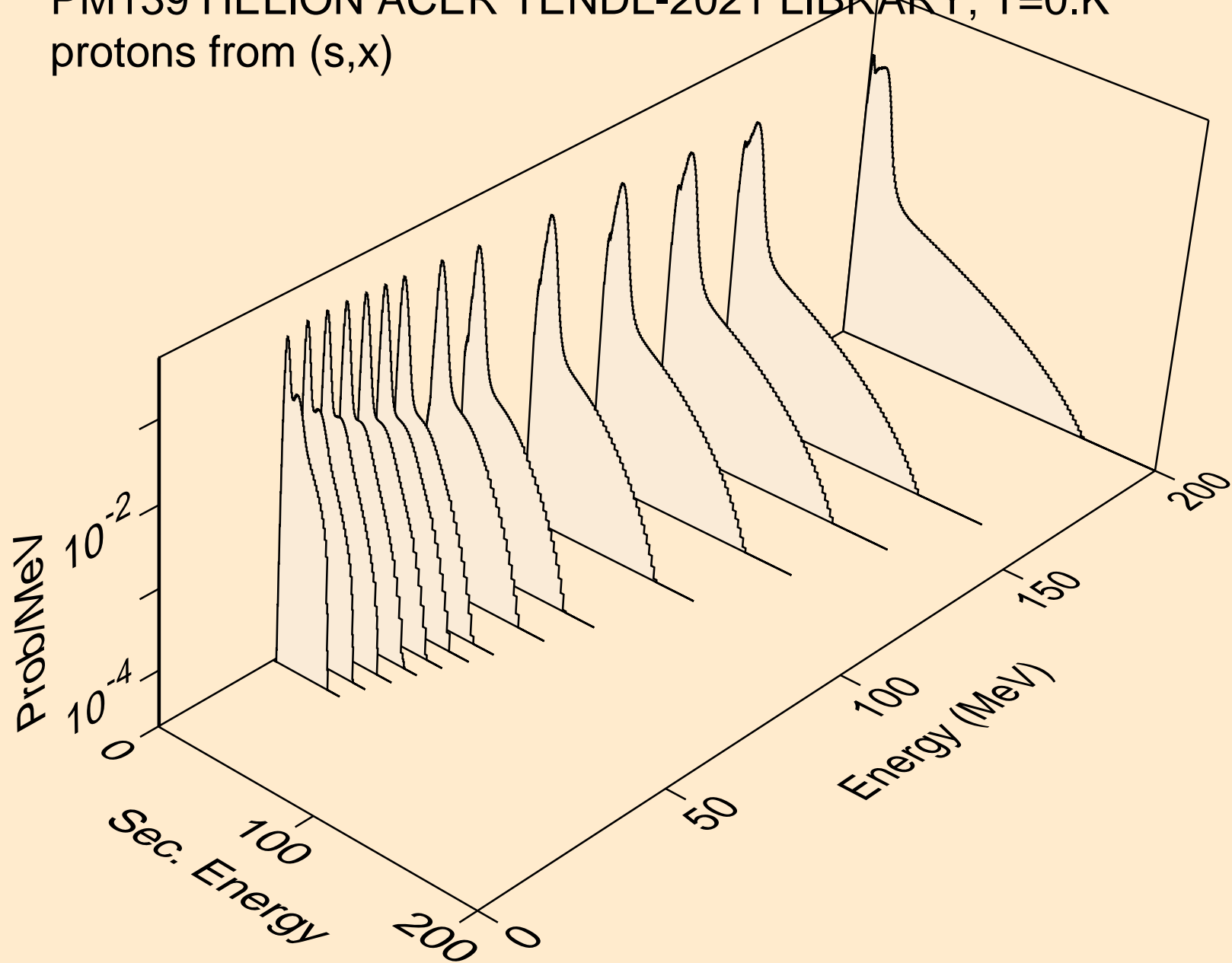
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)

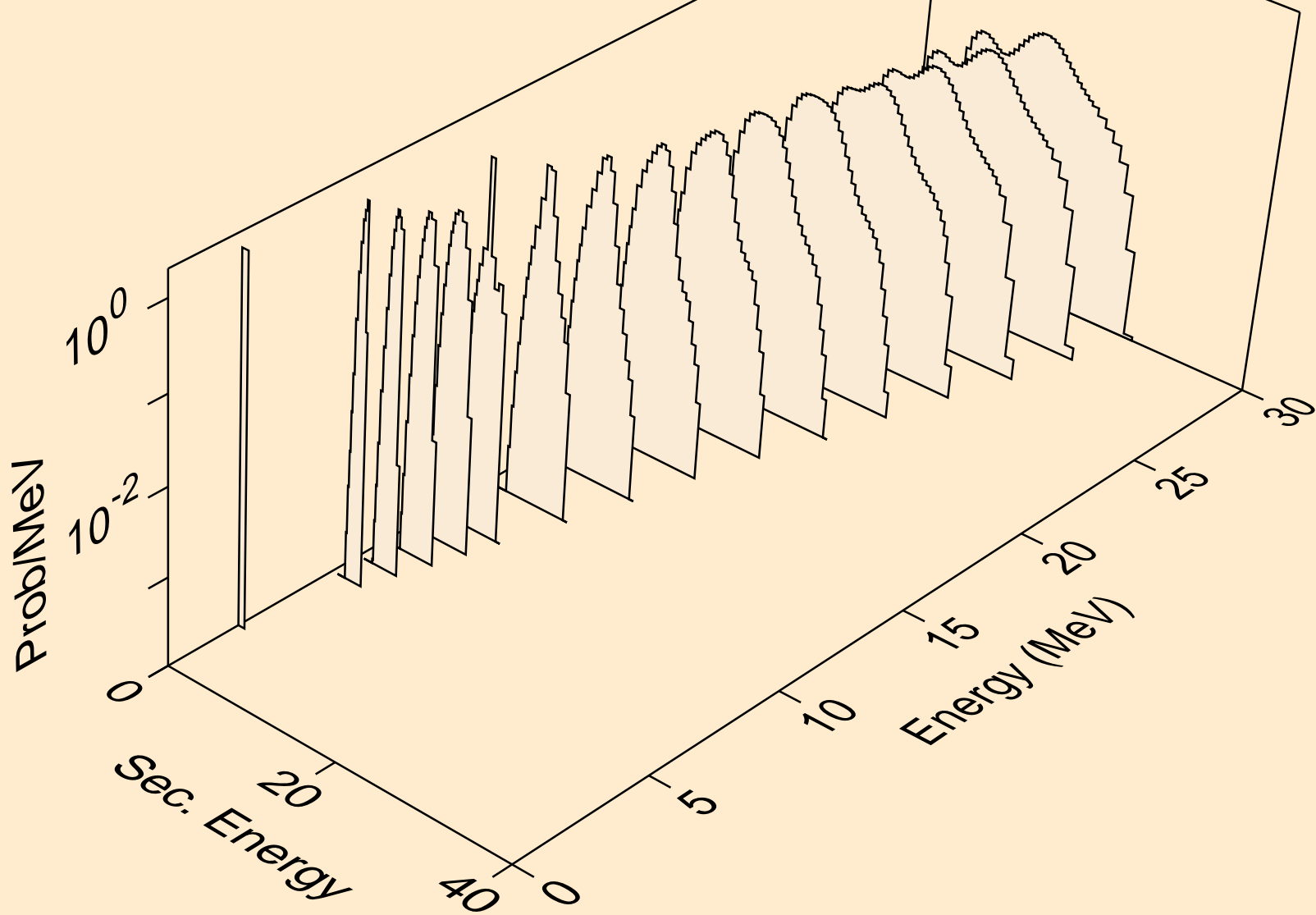


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protons from (s,x)

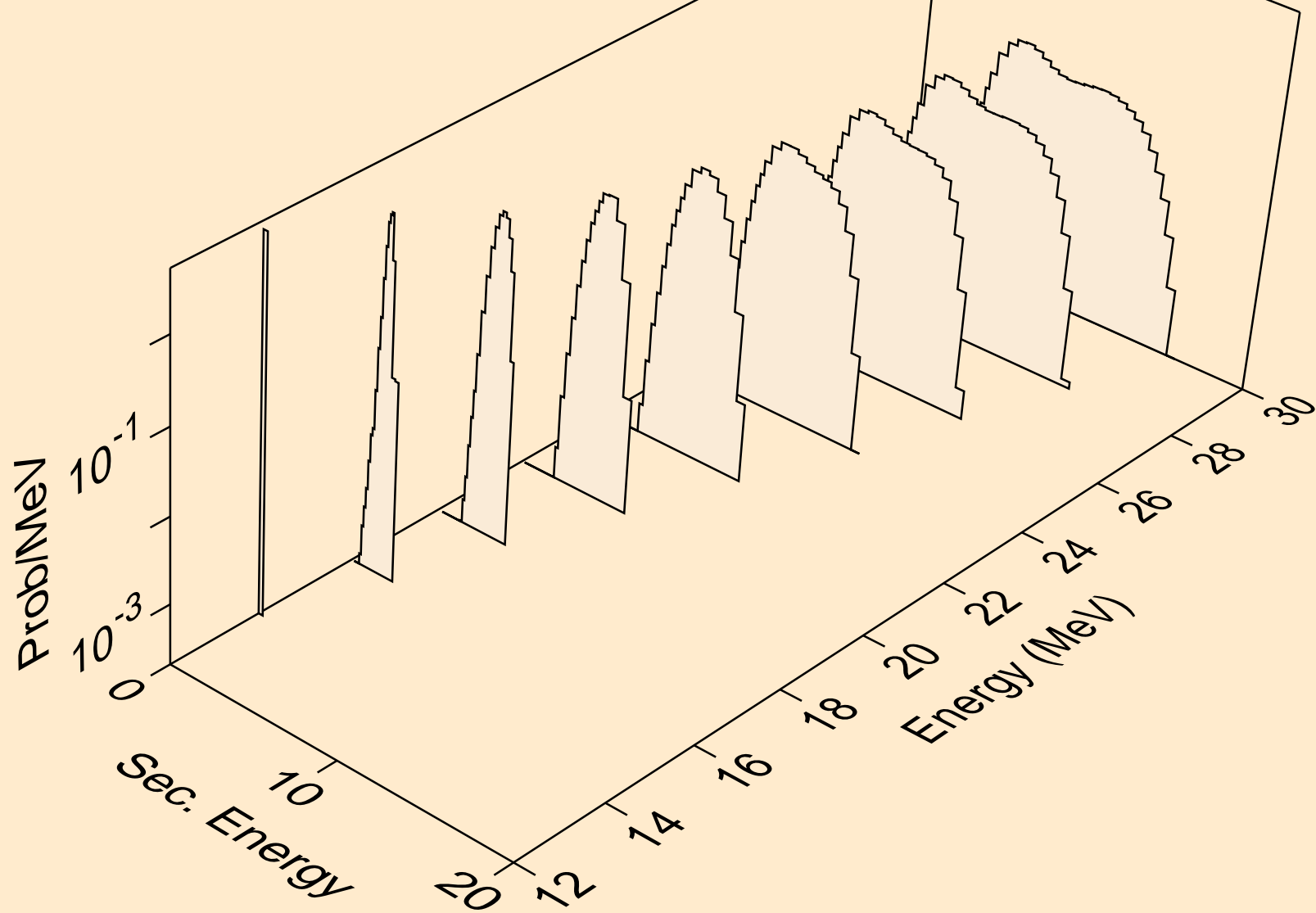




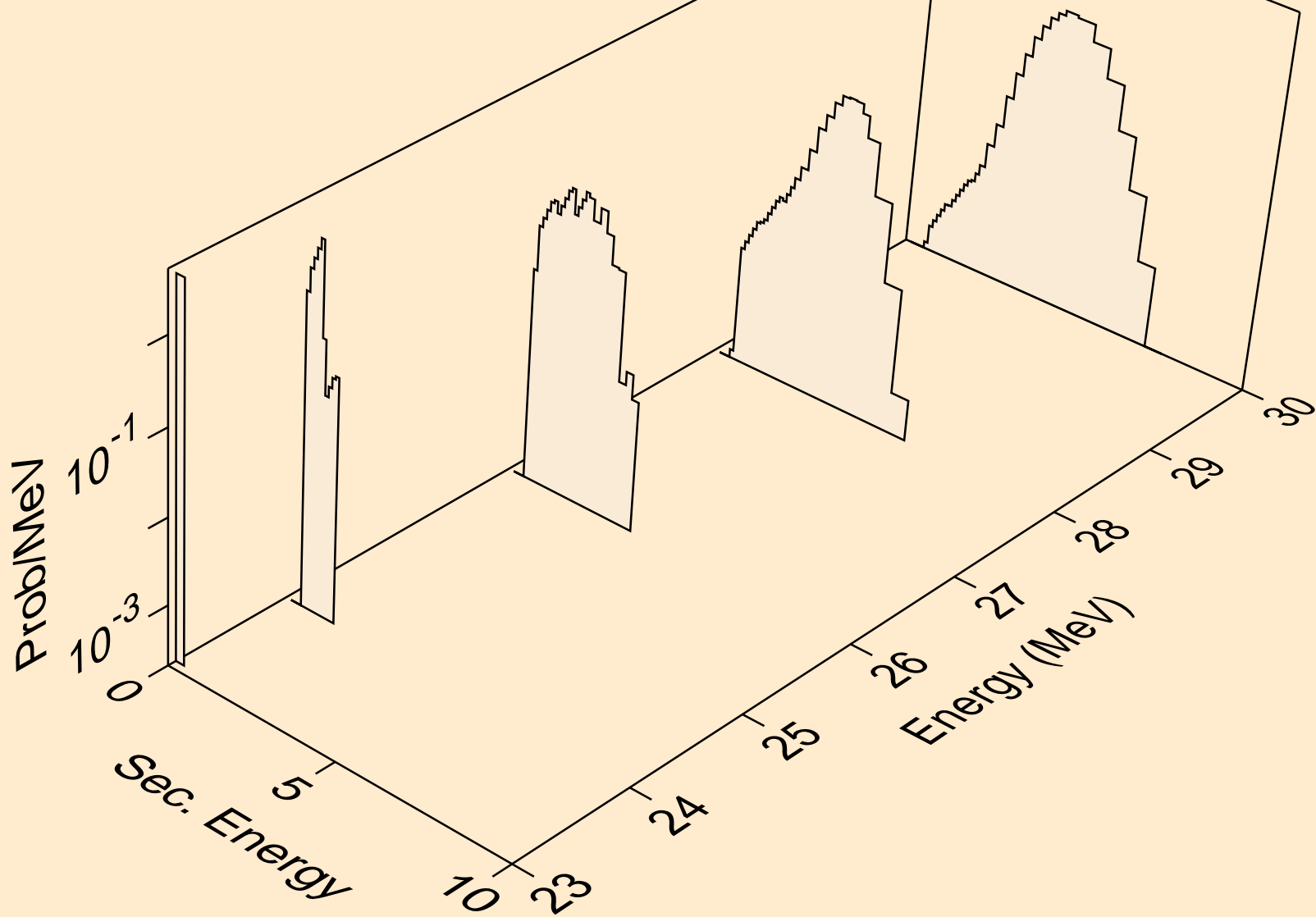
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protons from (s,n\*)p



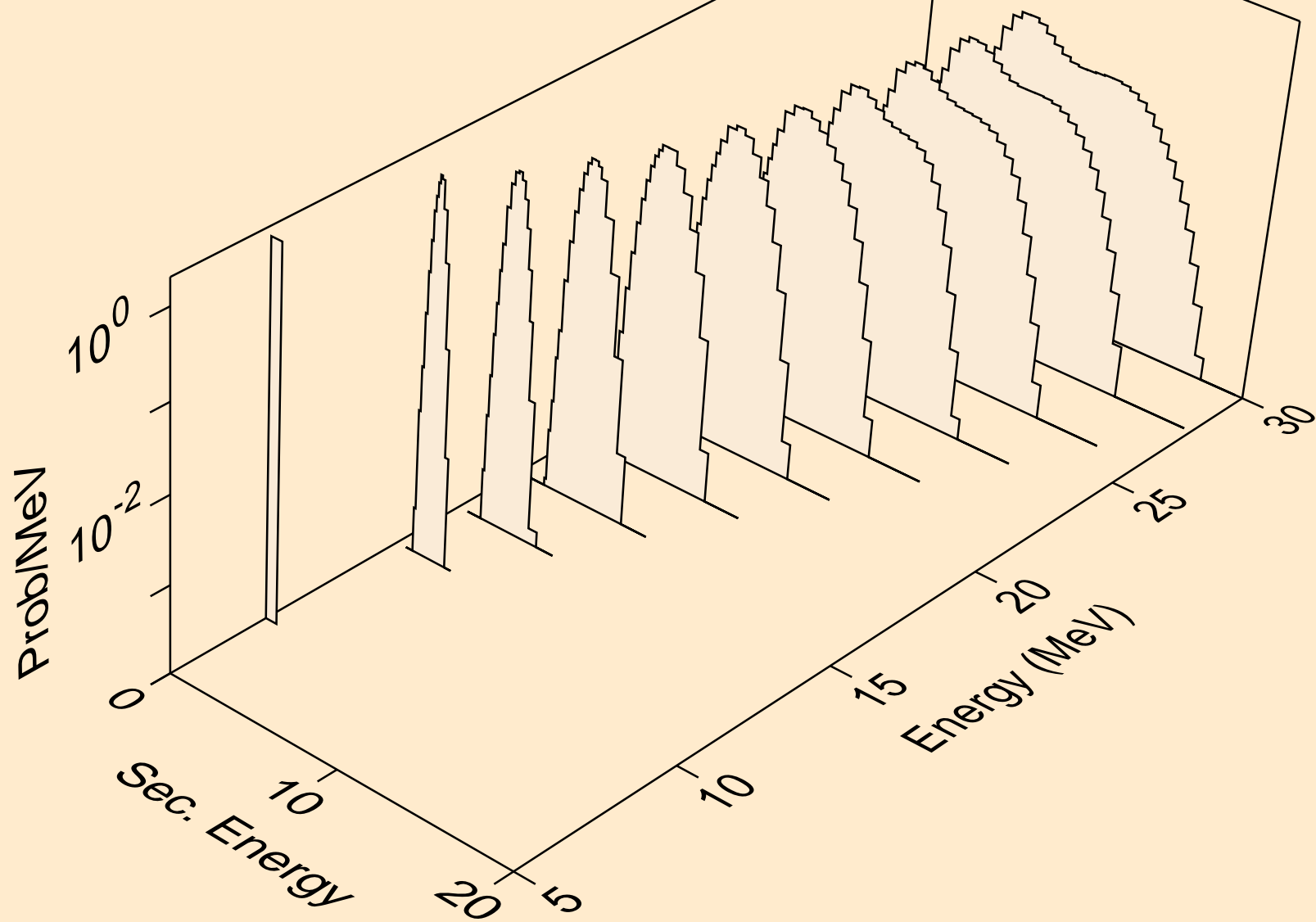
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protons from (s,2np)



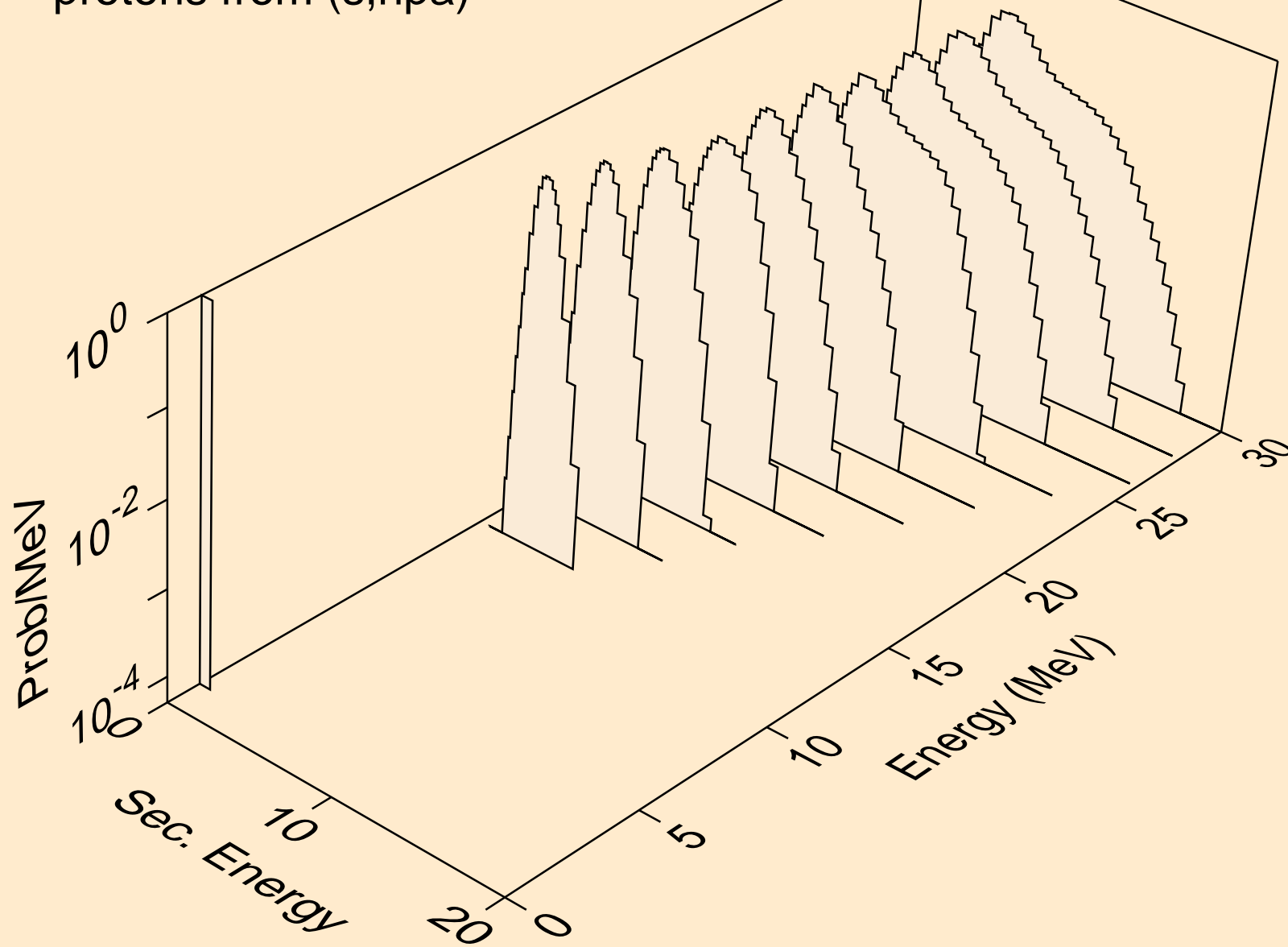
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protons from (s,3np)



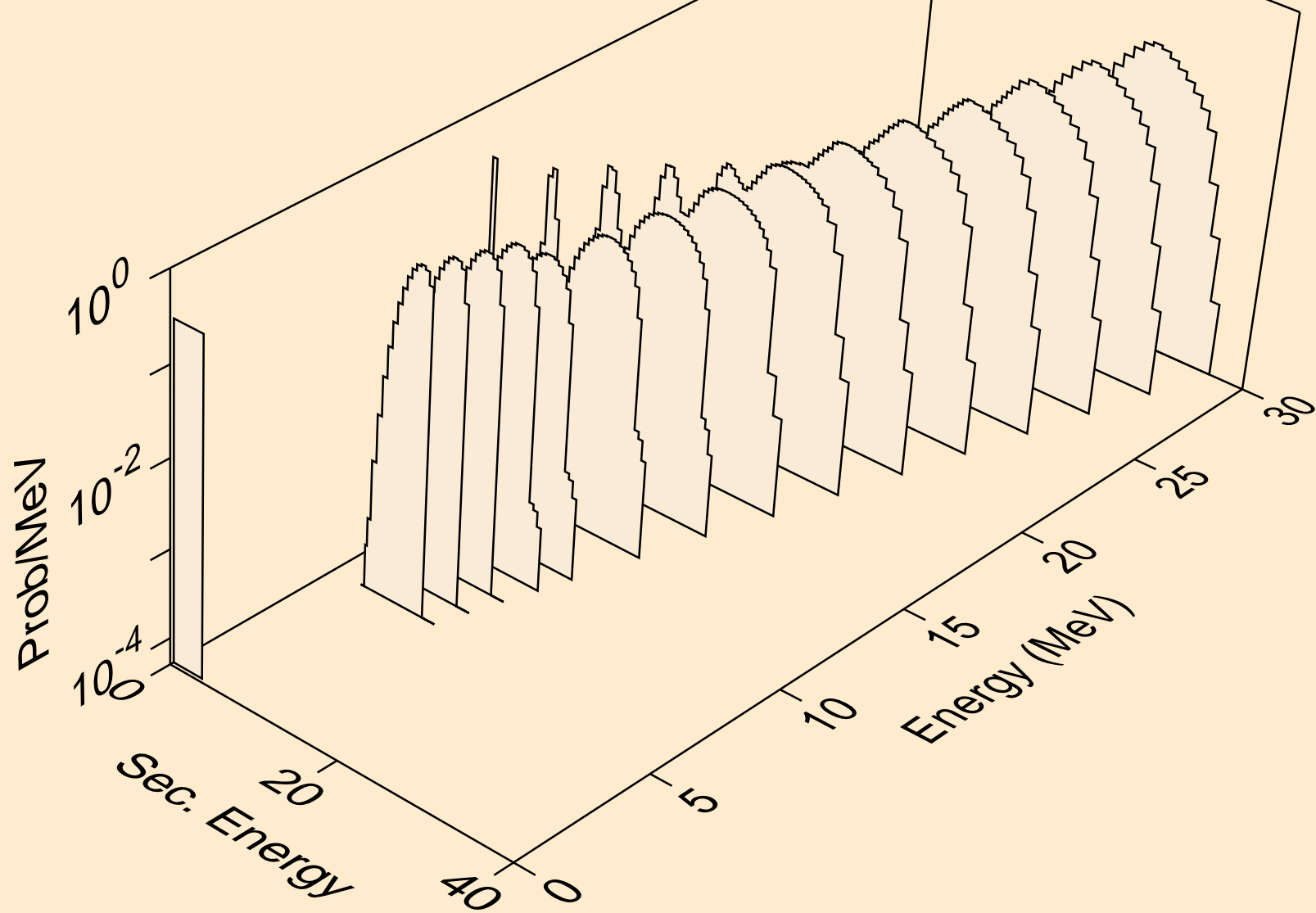
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



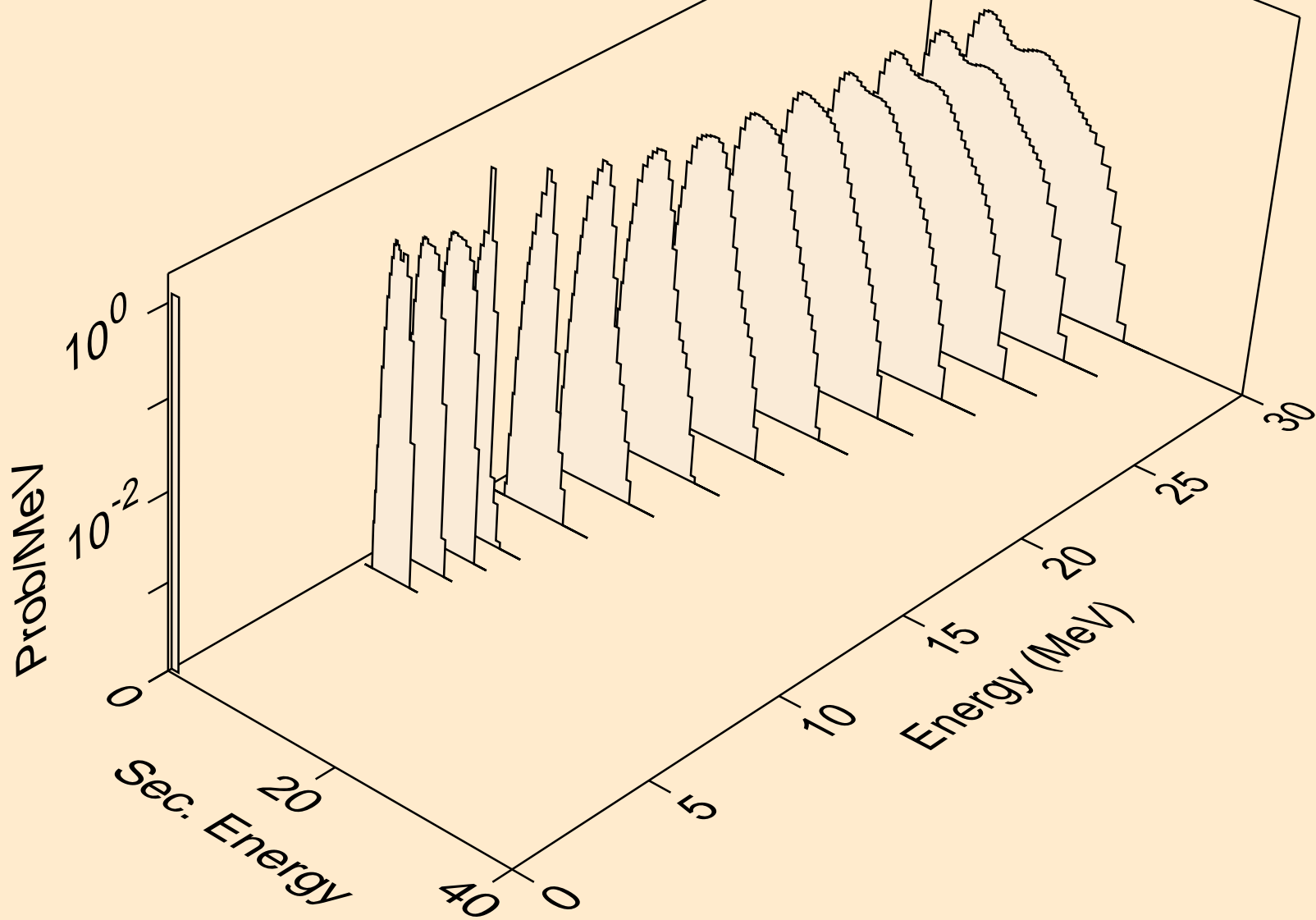
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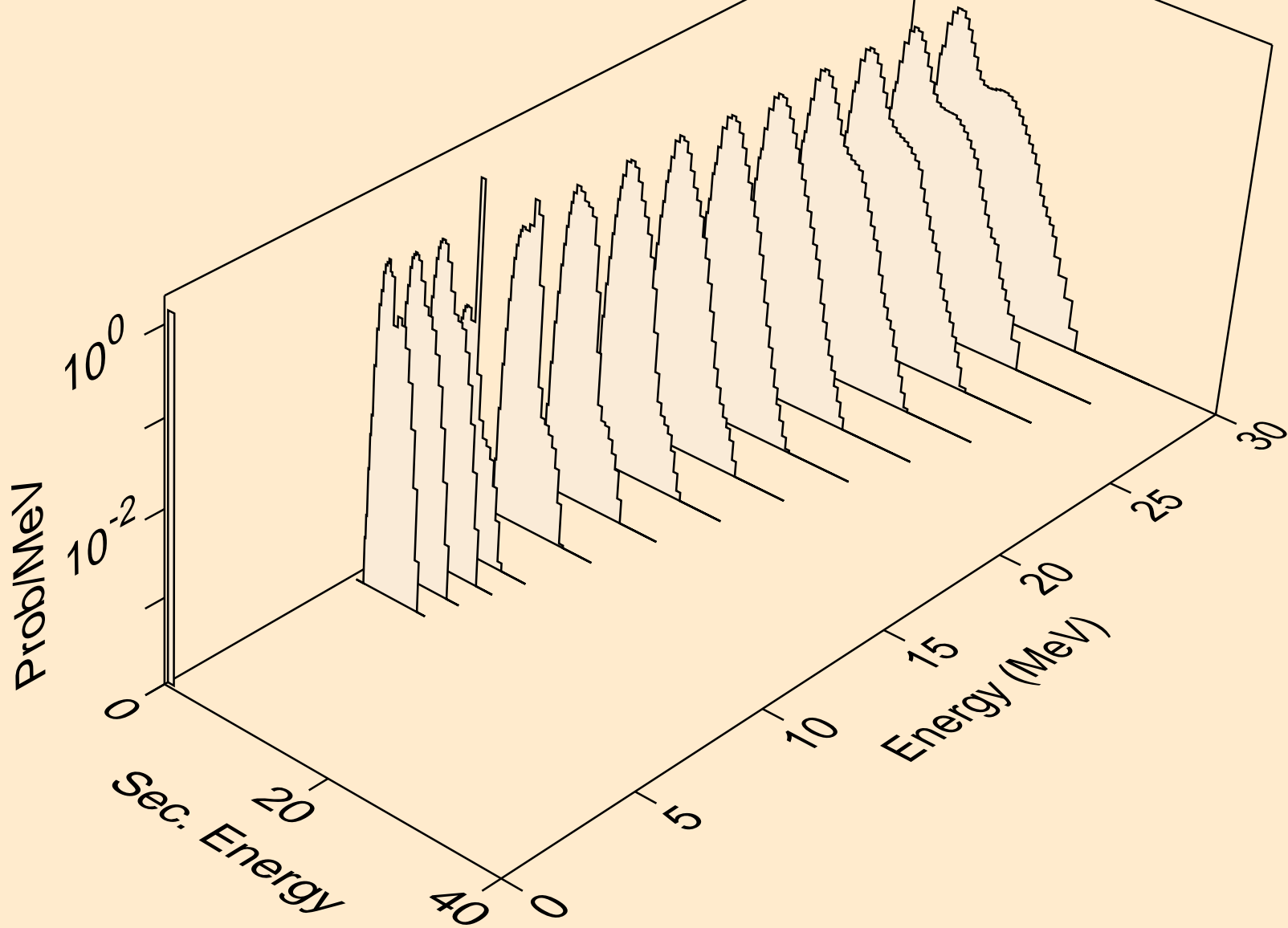
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)

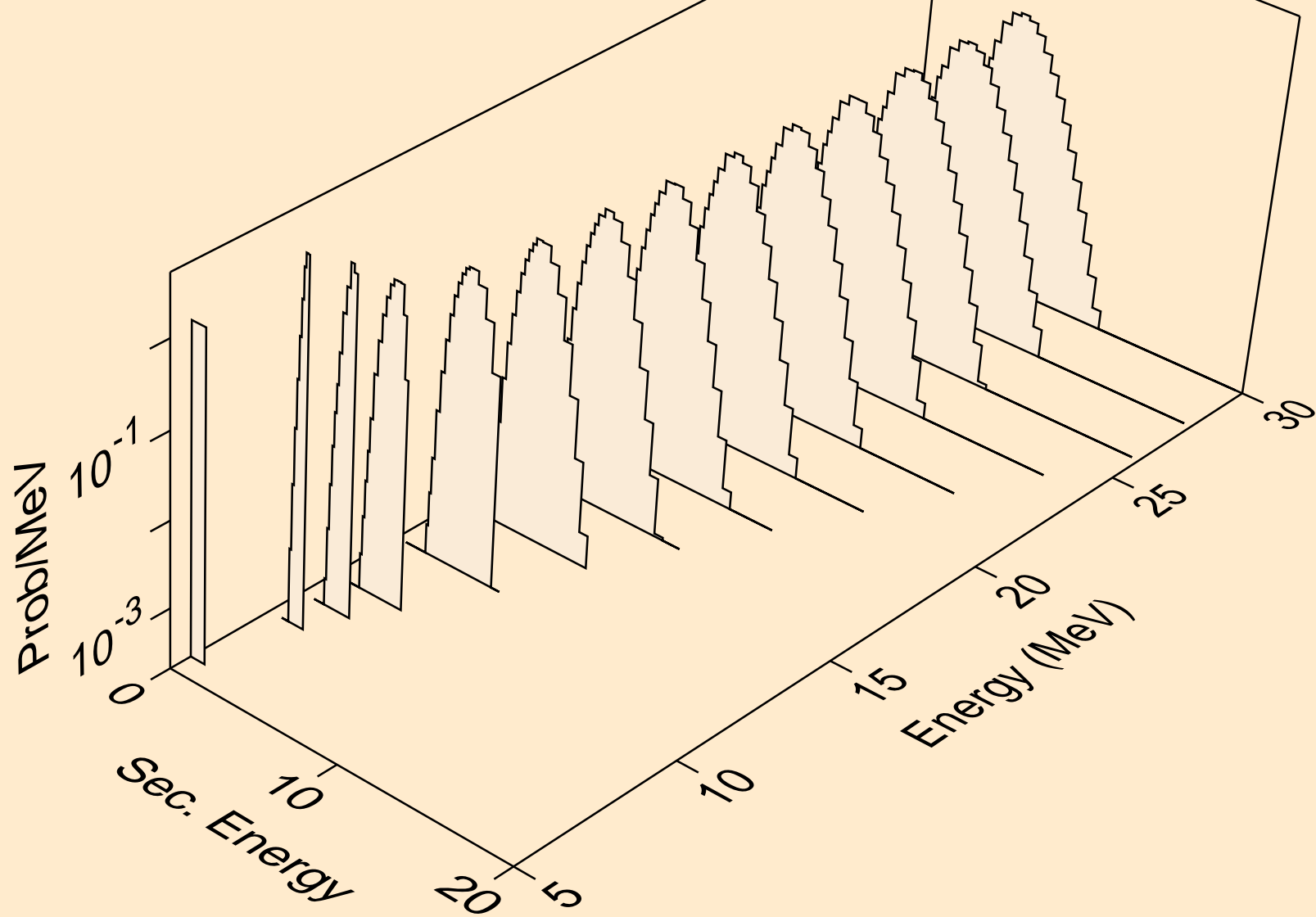


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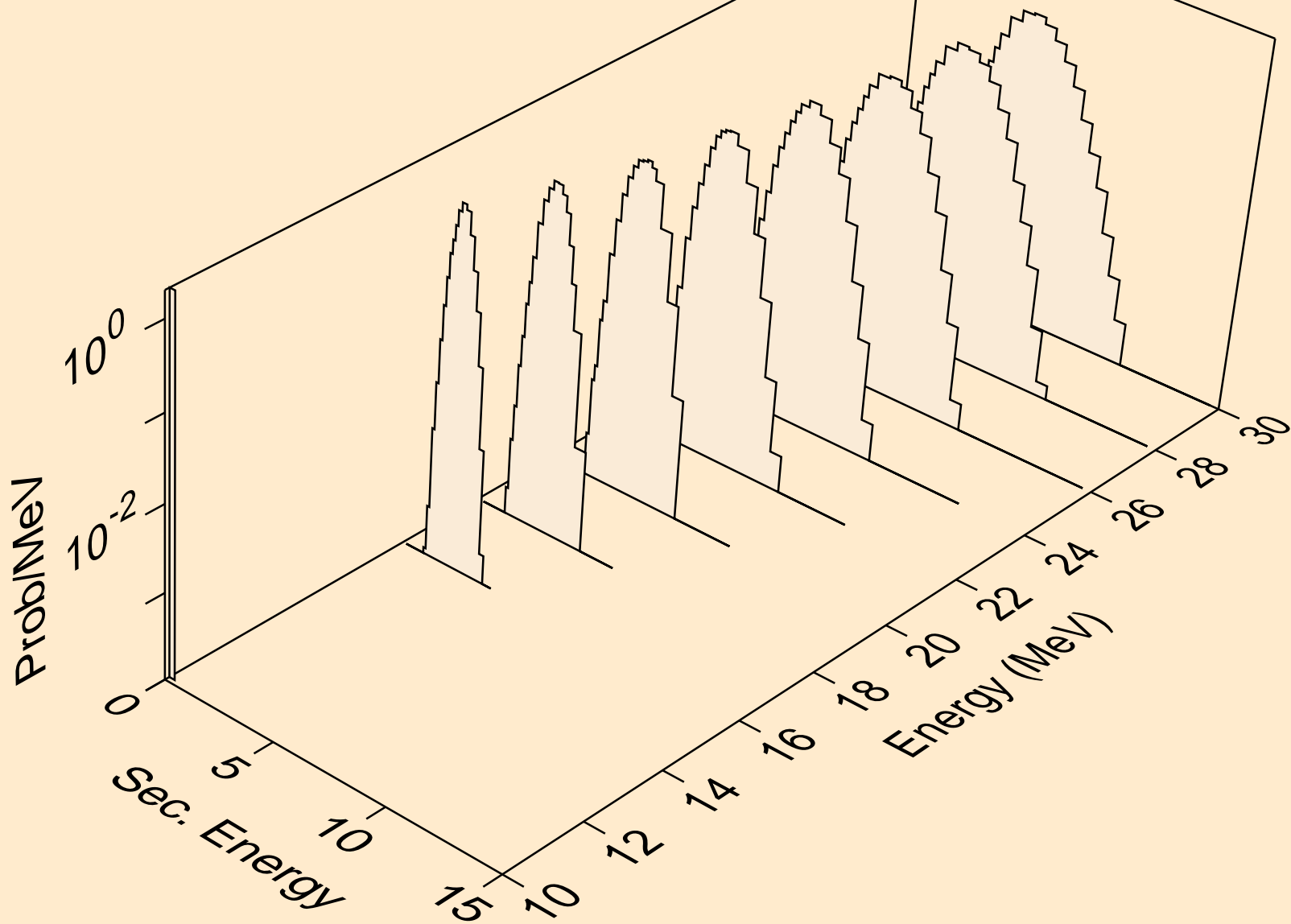




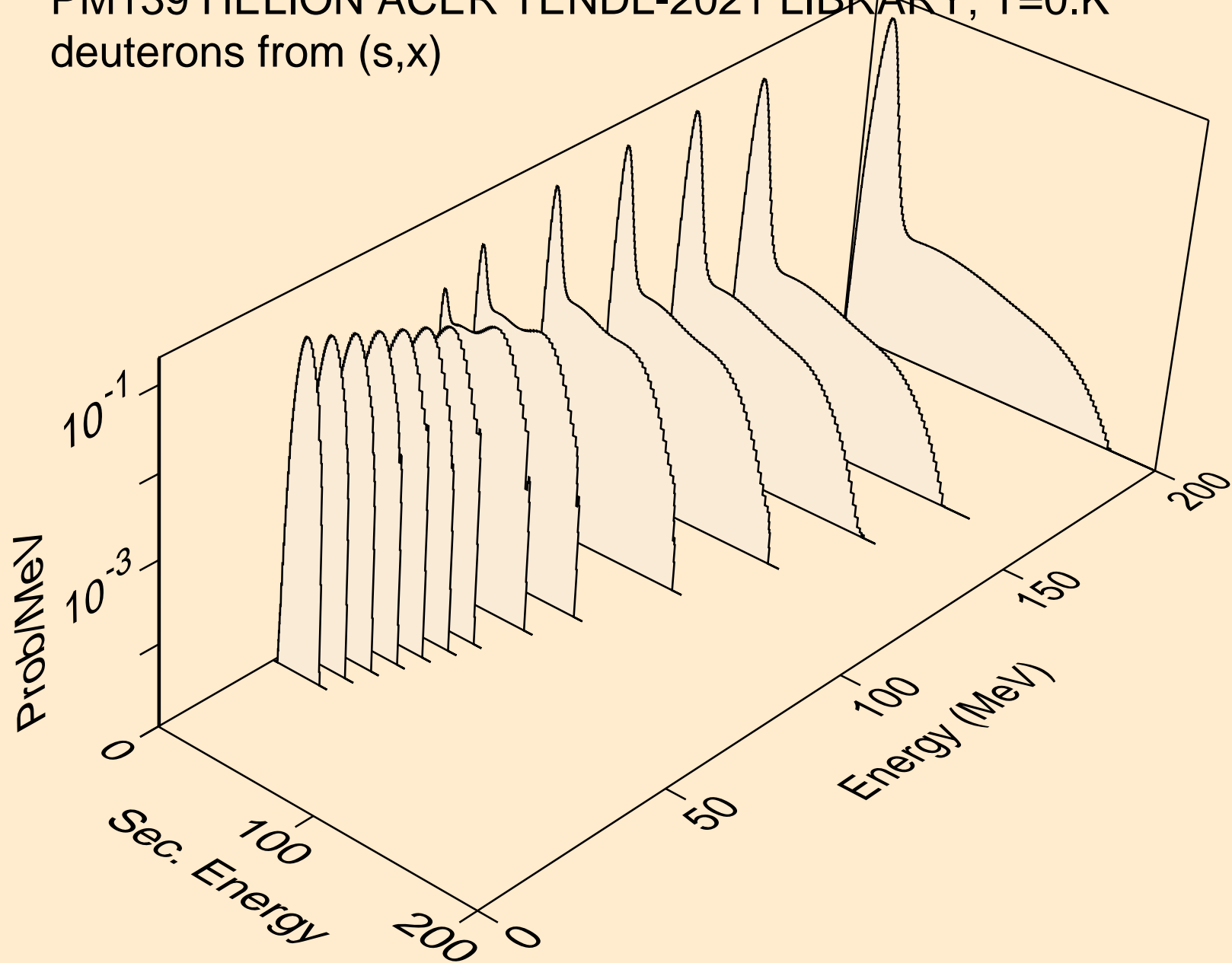
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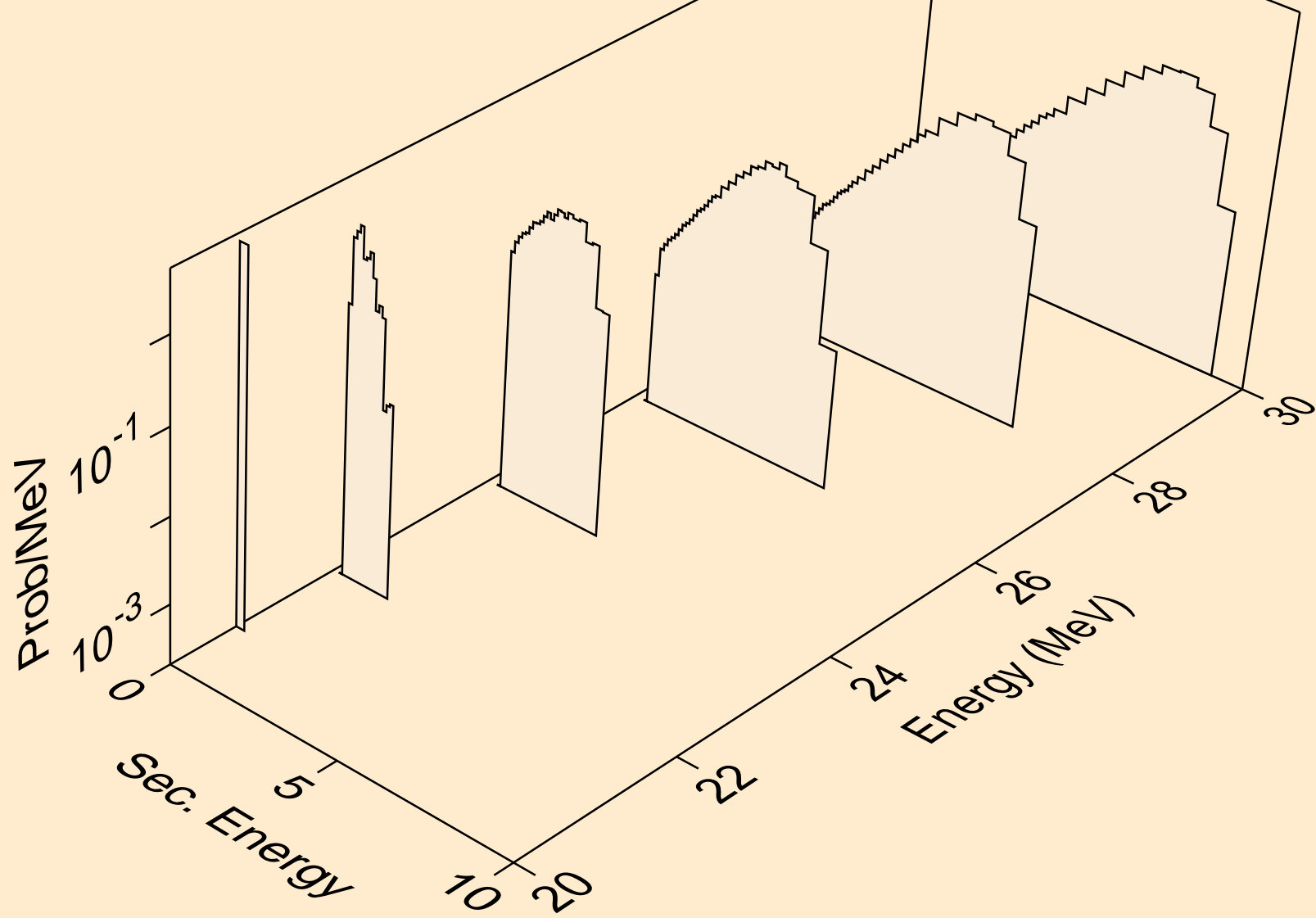
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protons from (s,pt)



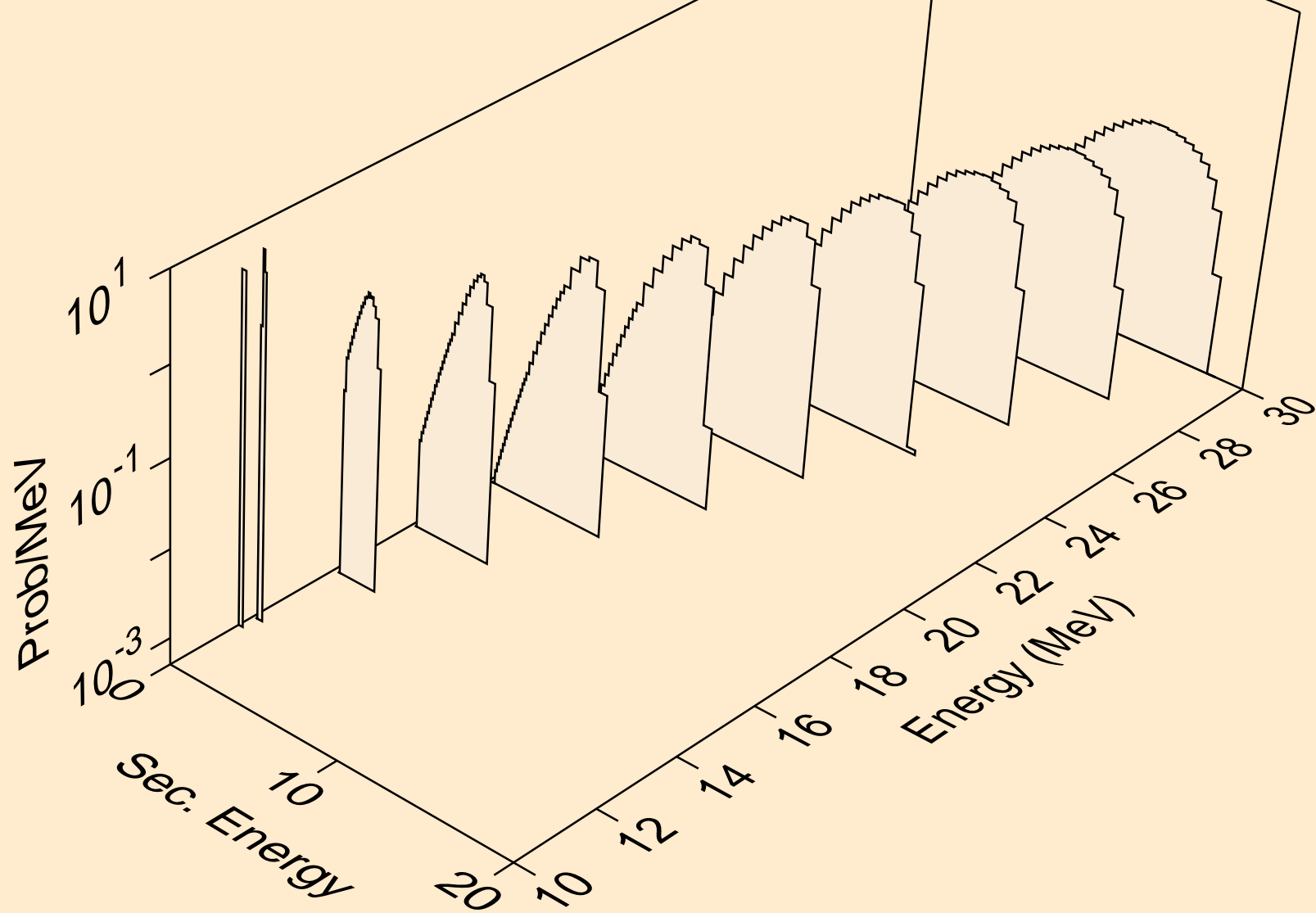
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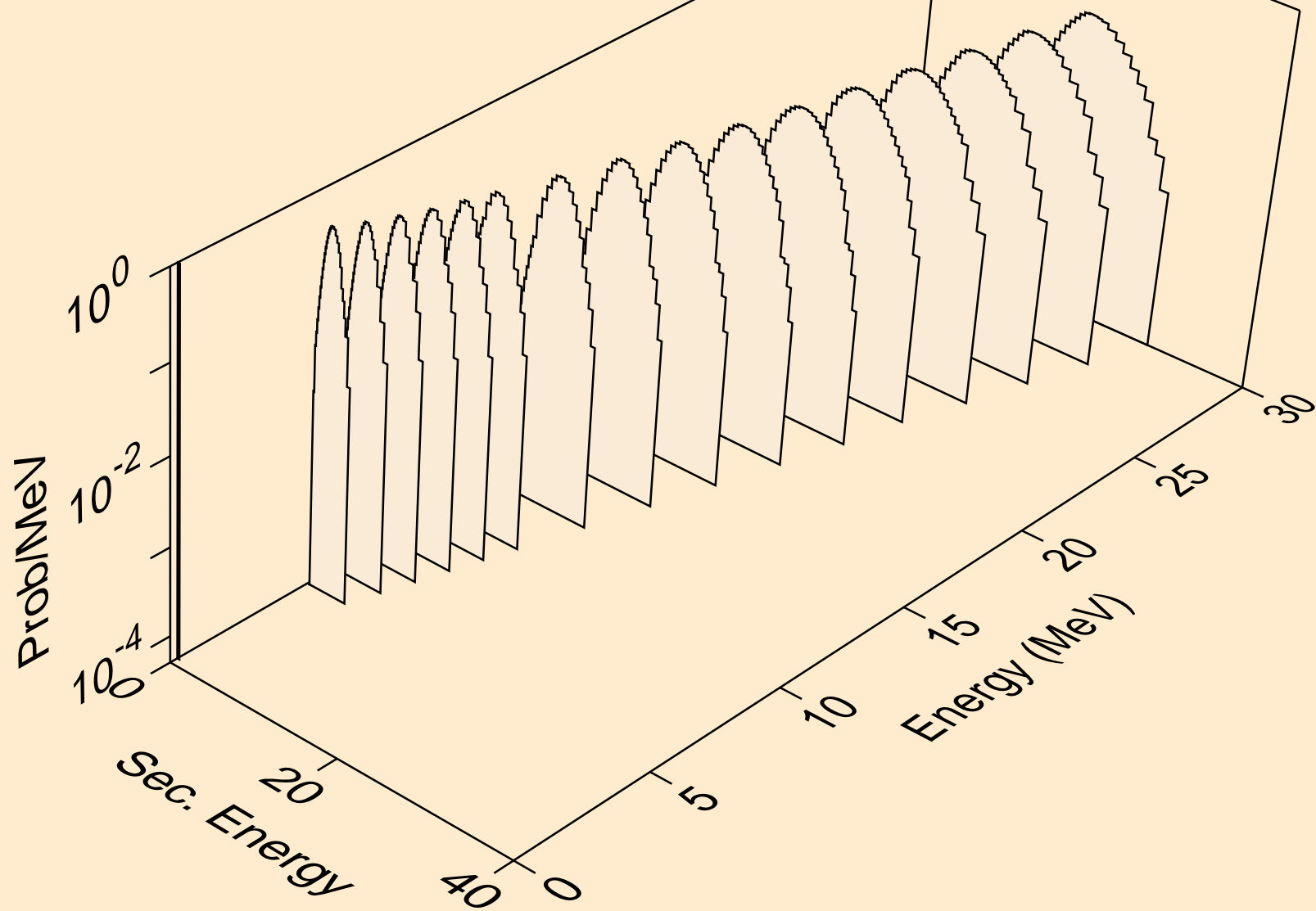
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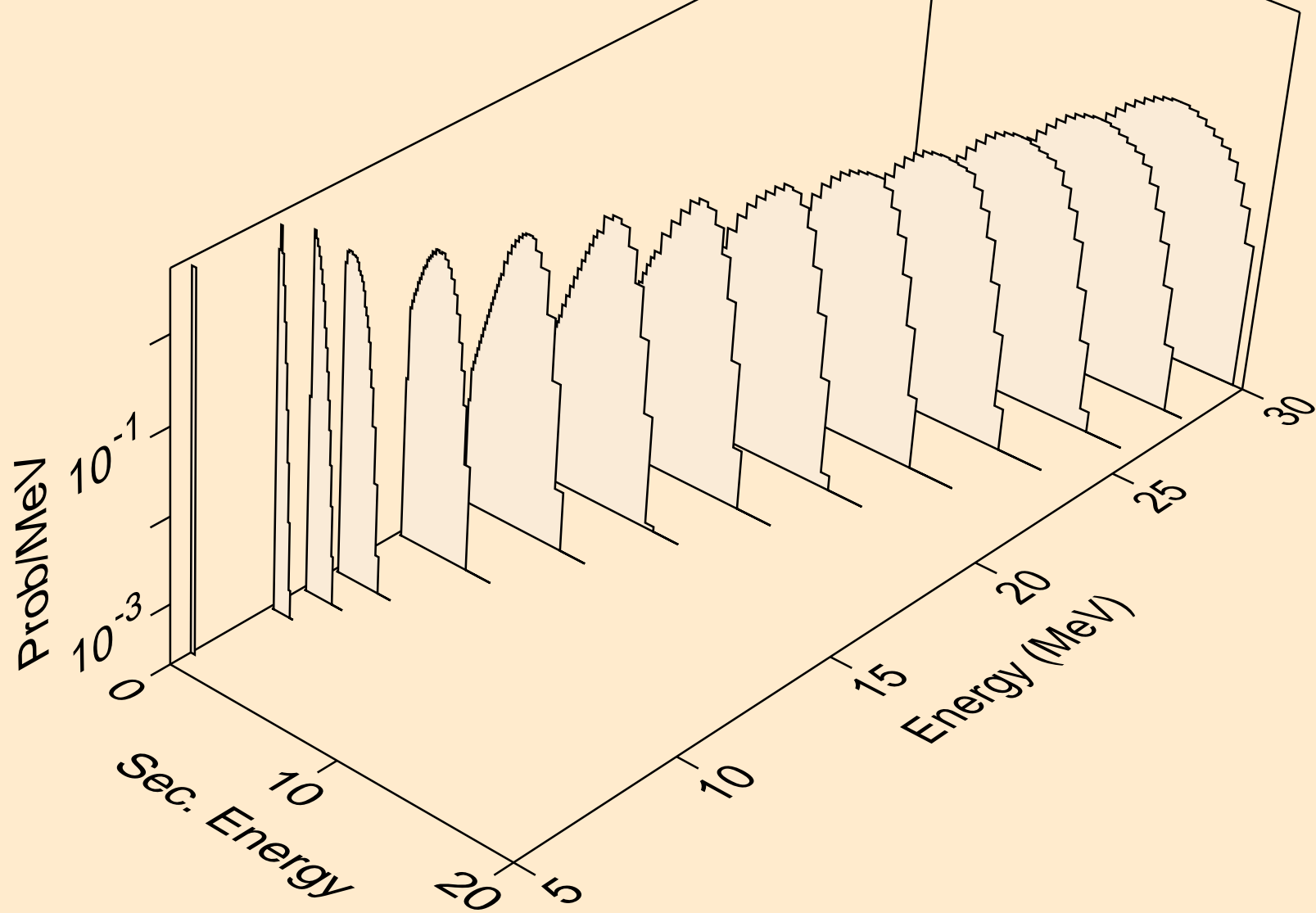
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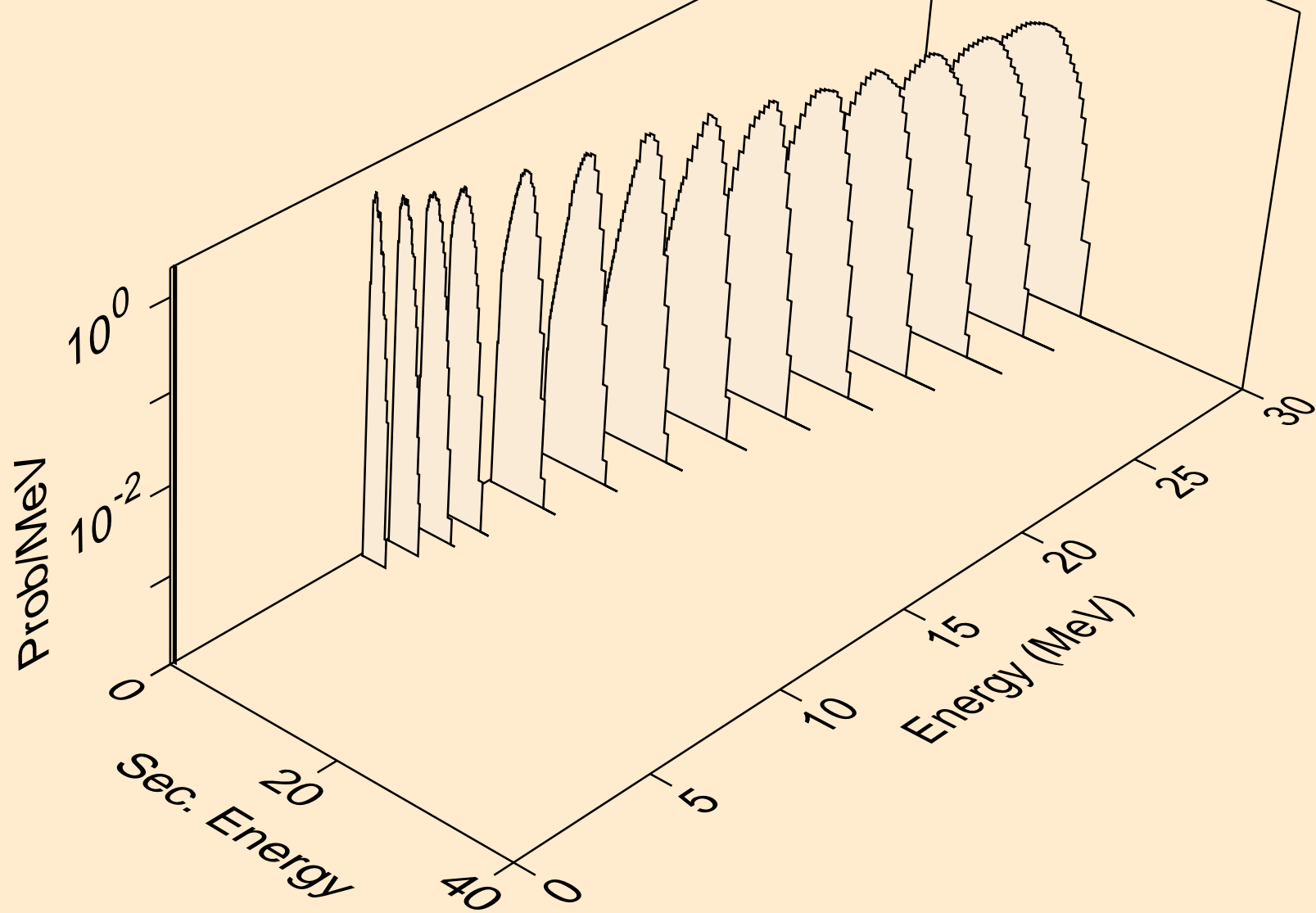
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PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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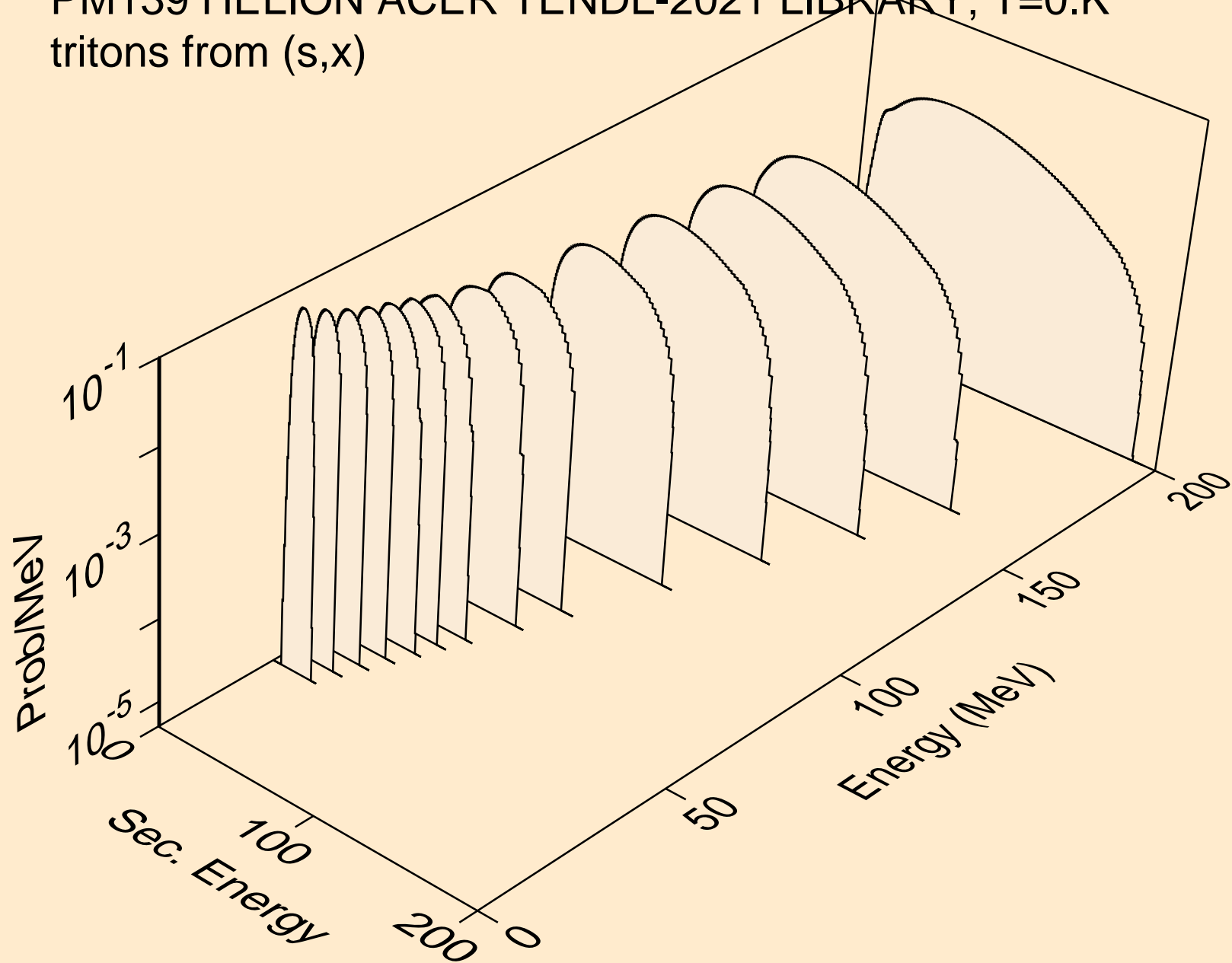


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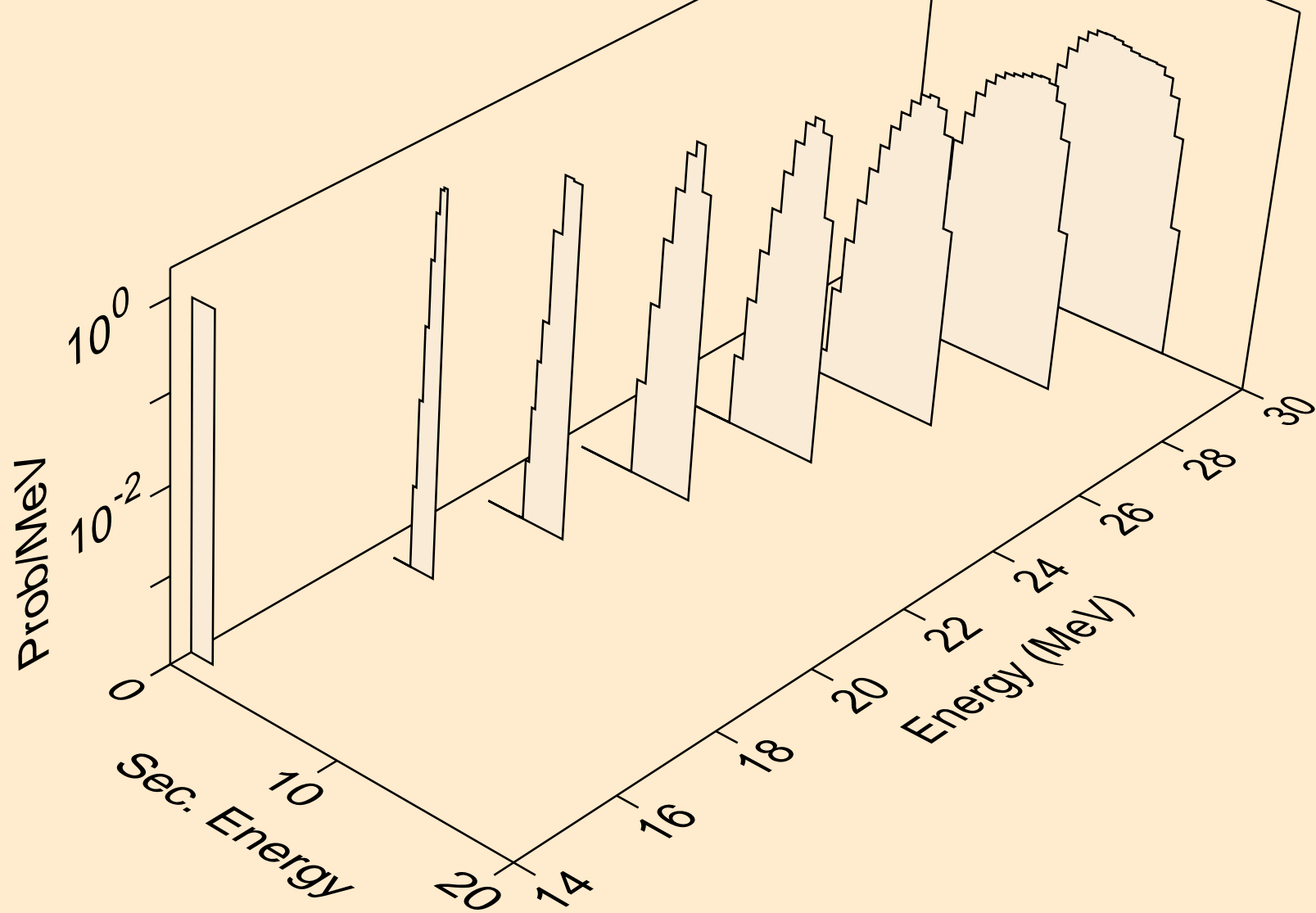




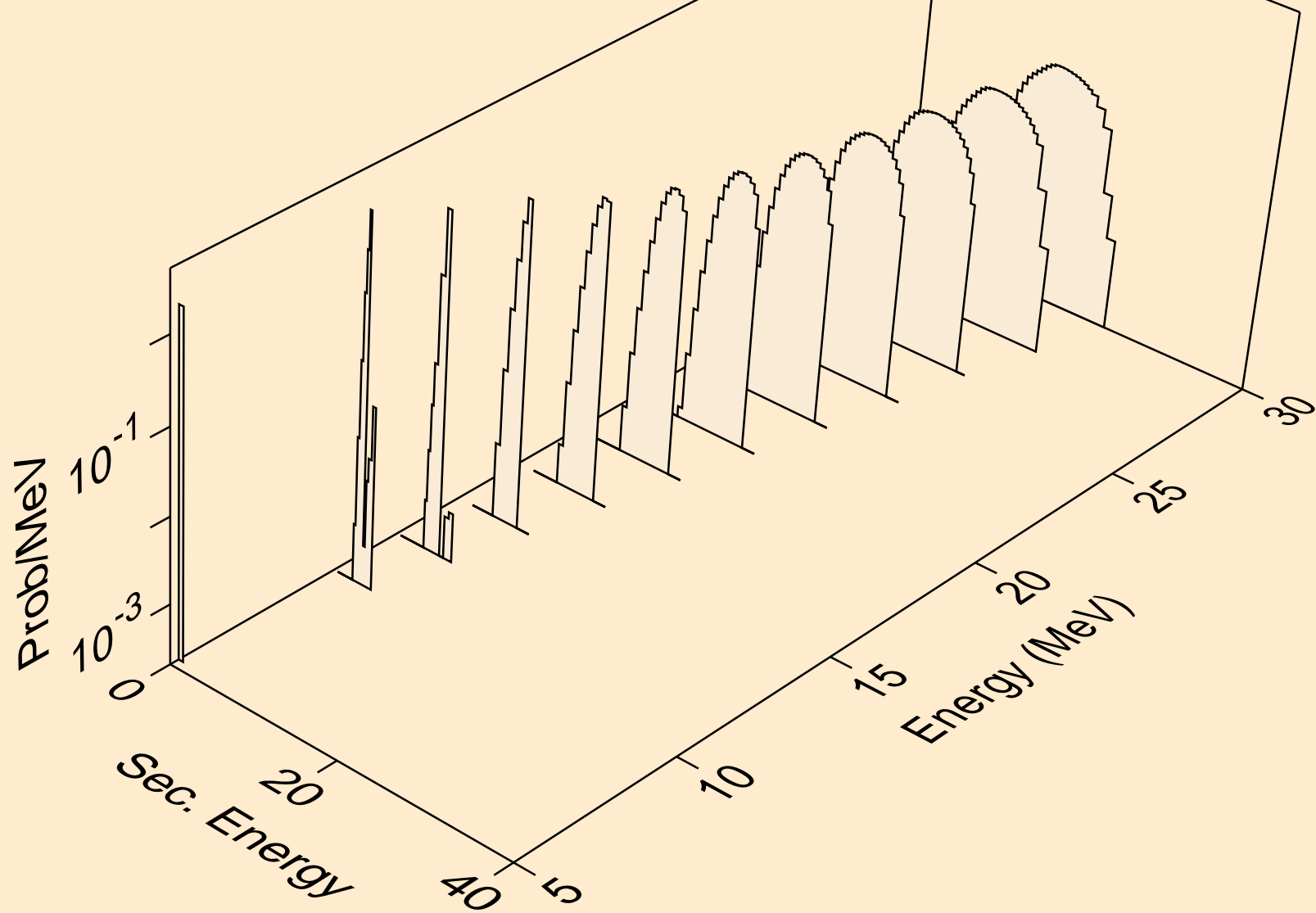
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tritons from (s,x)



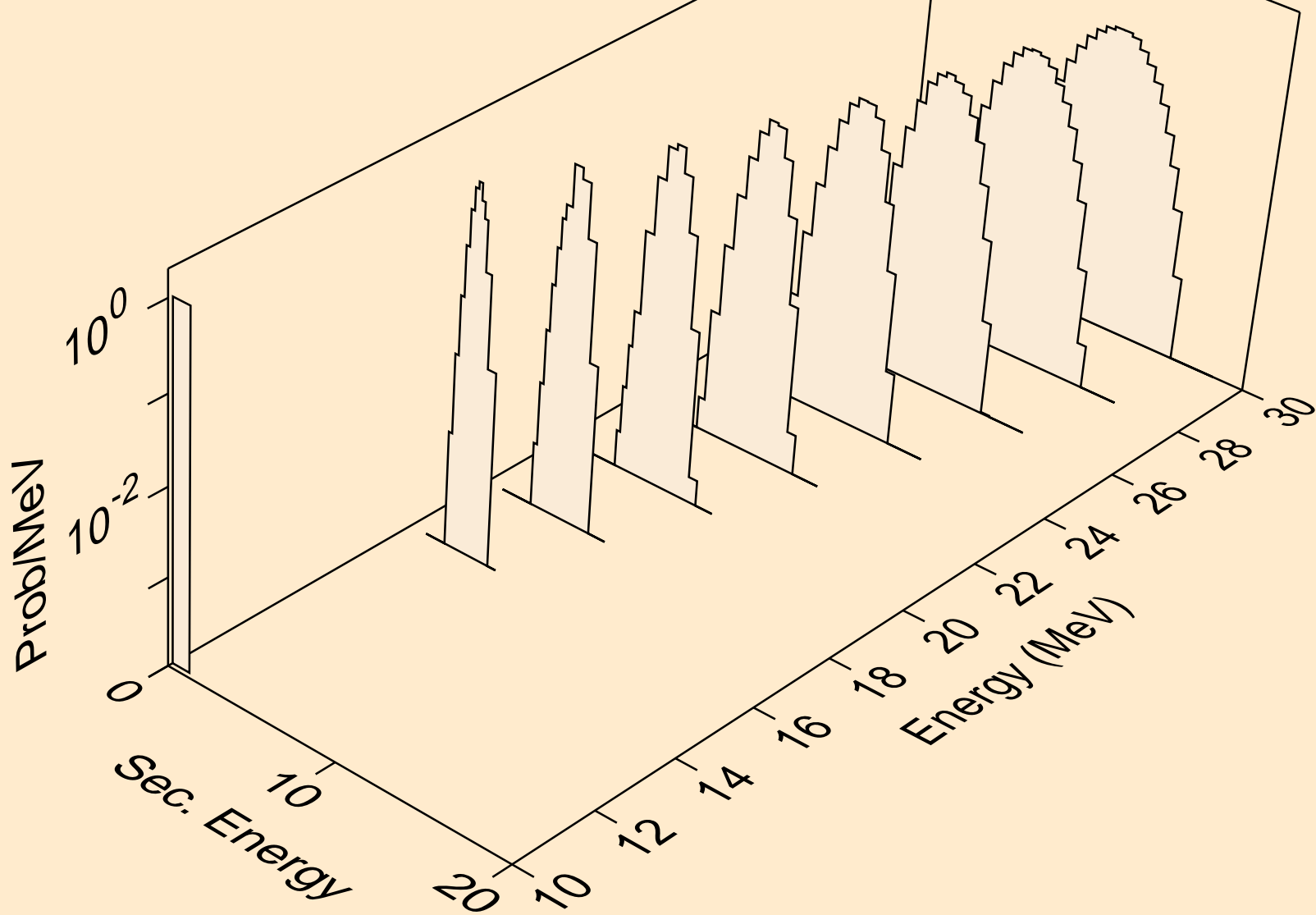
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tritons from (s,n\*)t



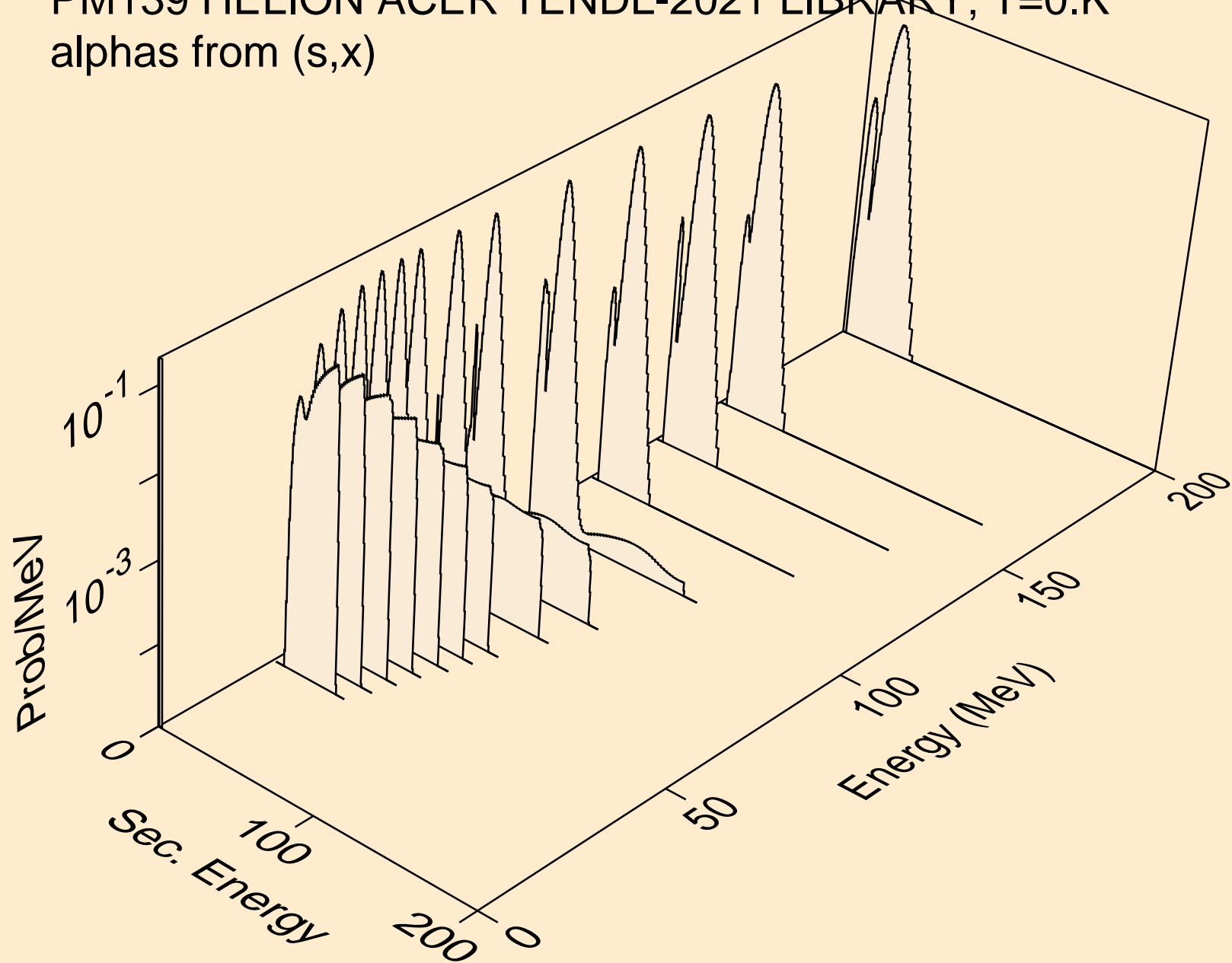
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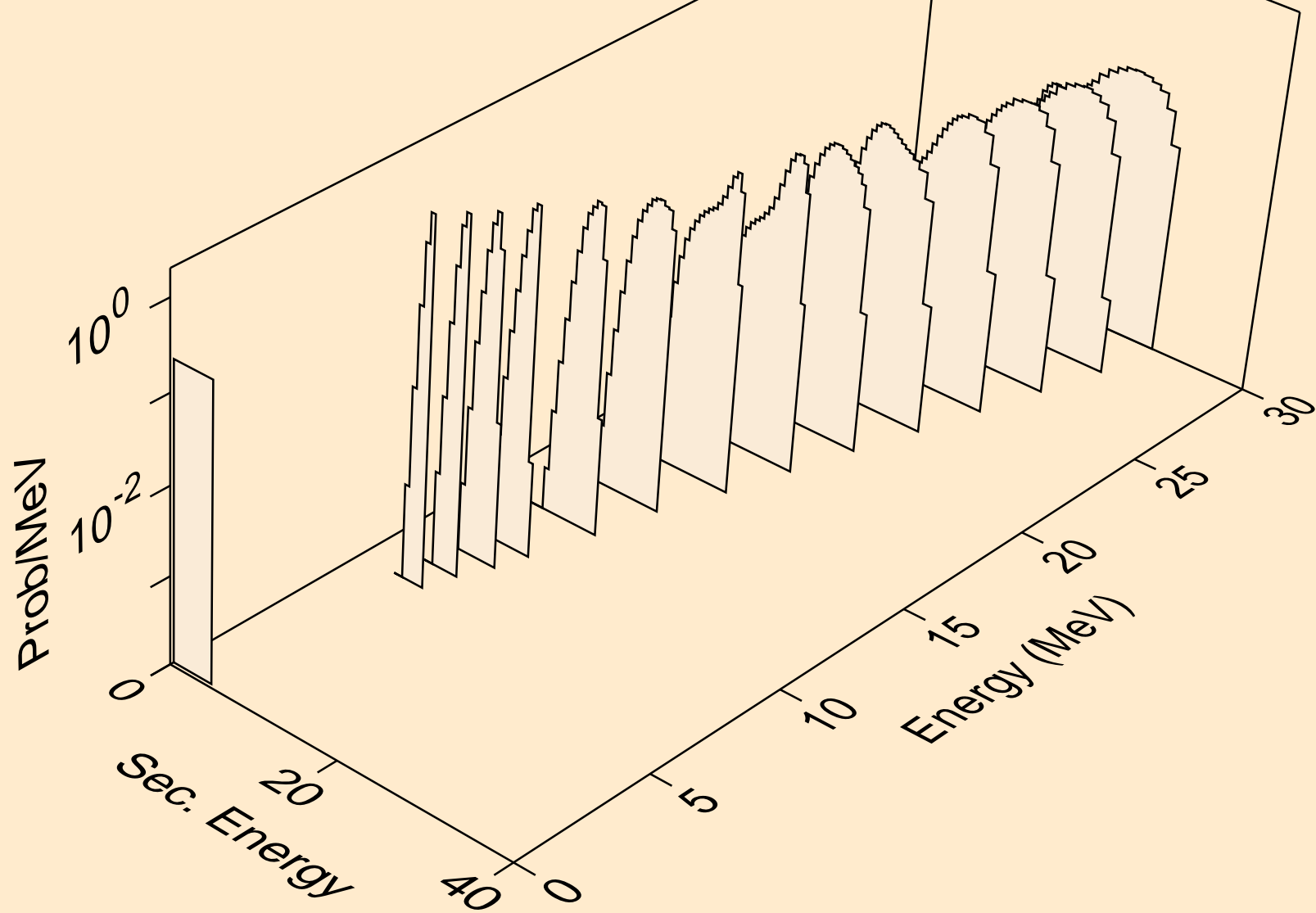
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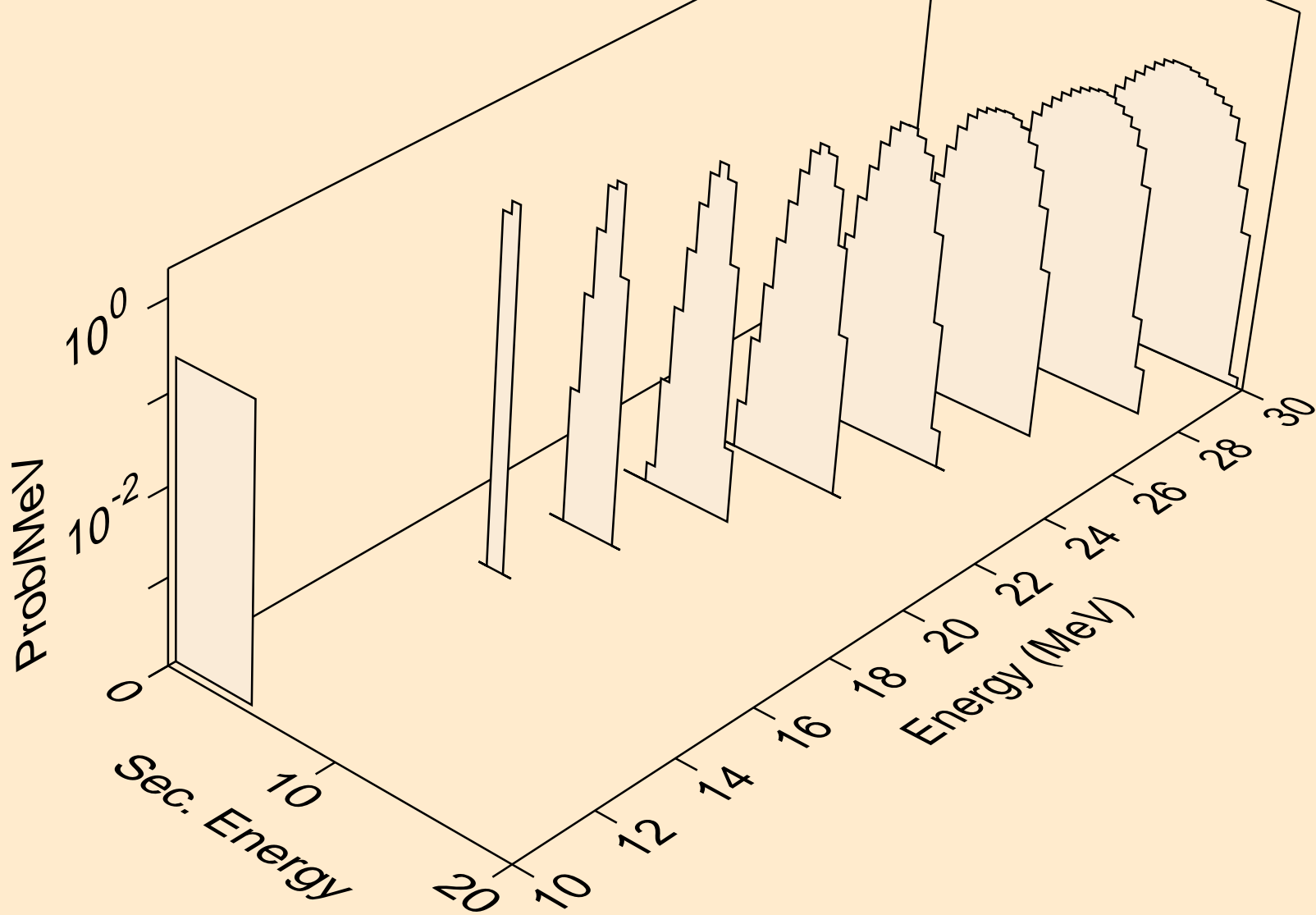
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



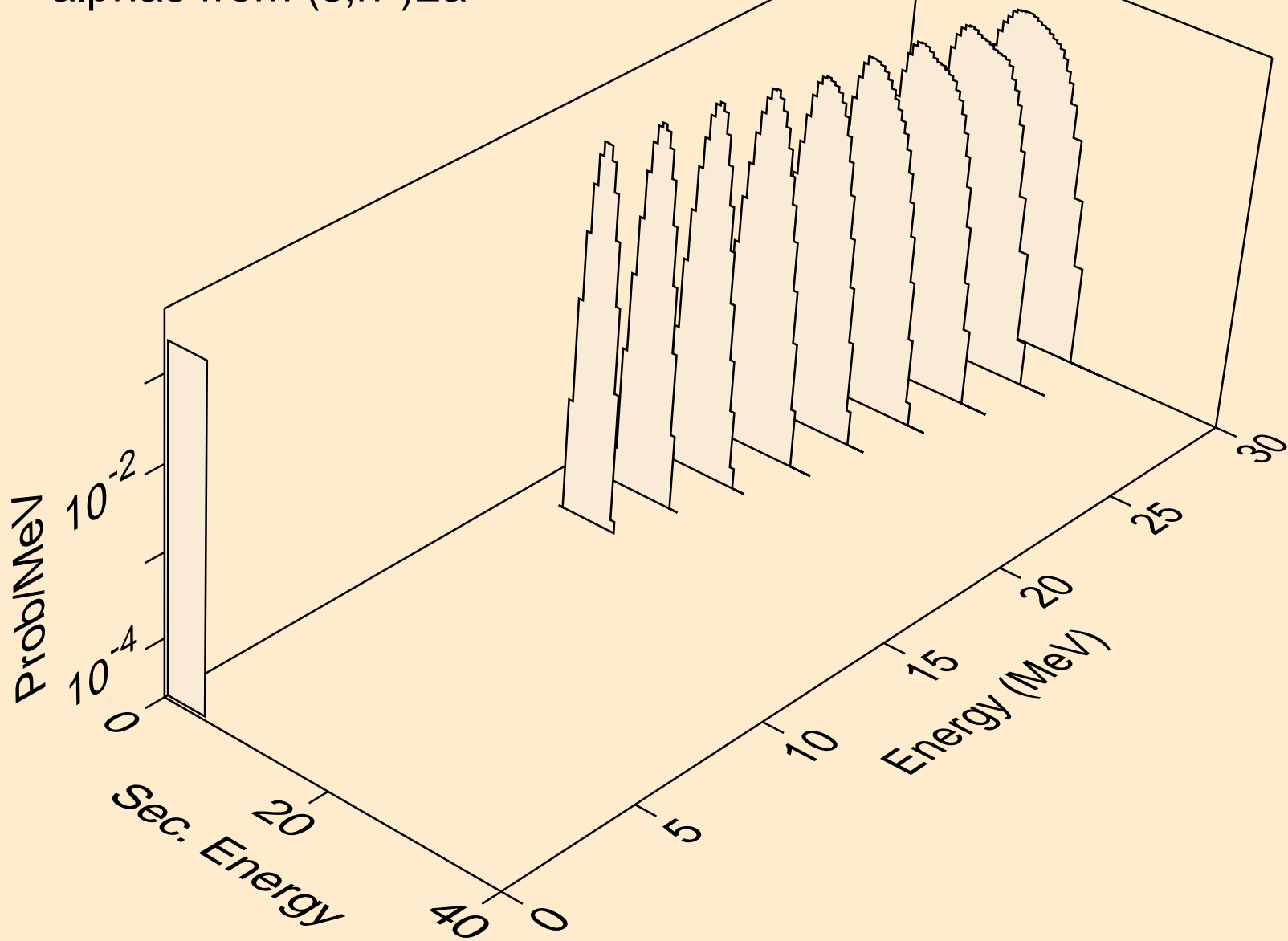
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a

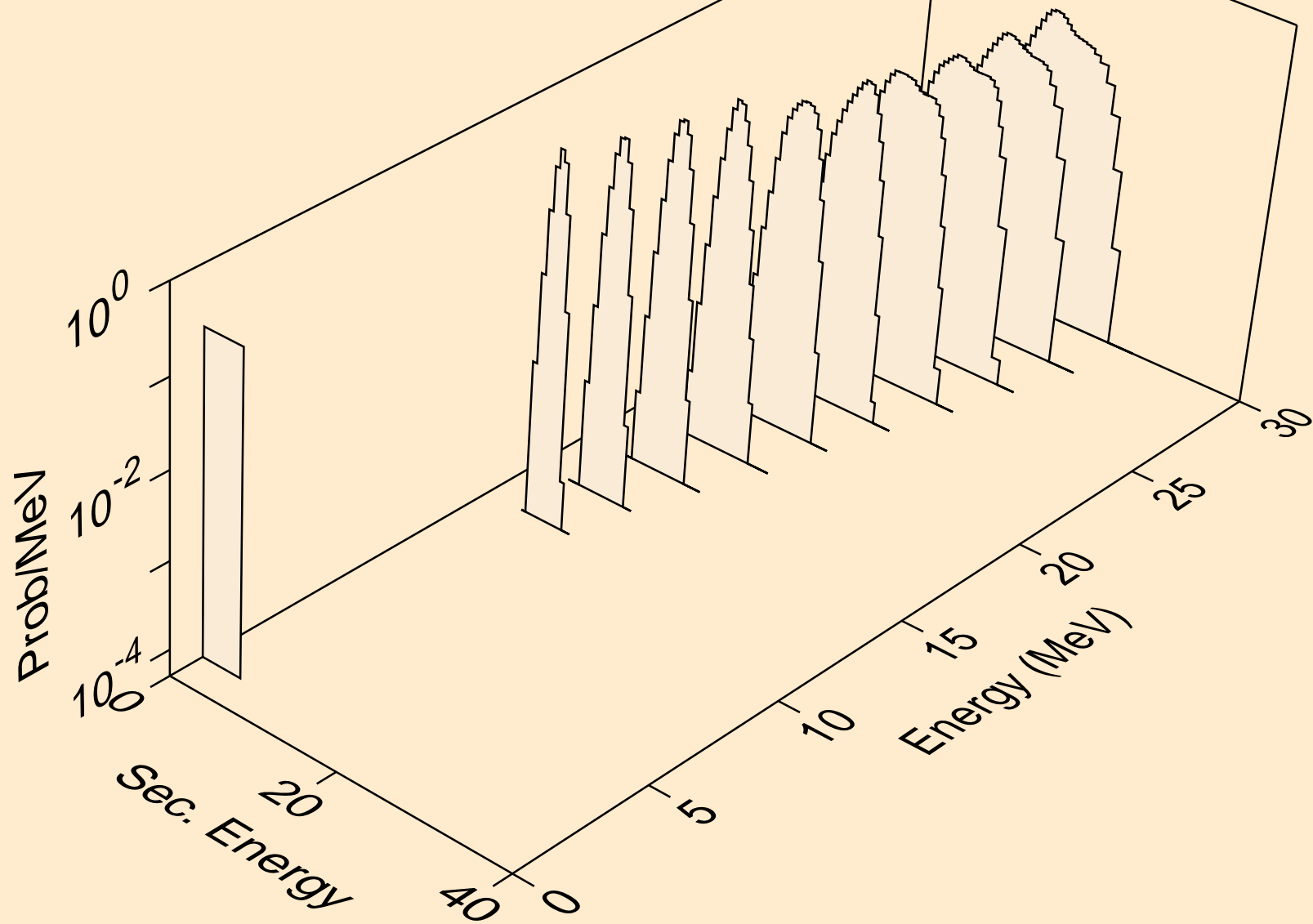


PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a

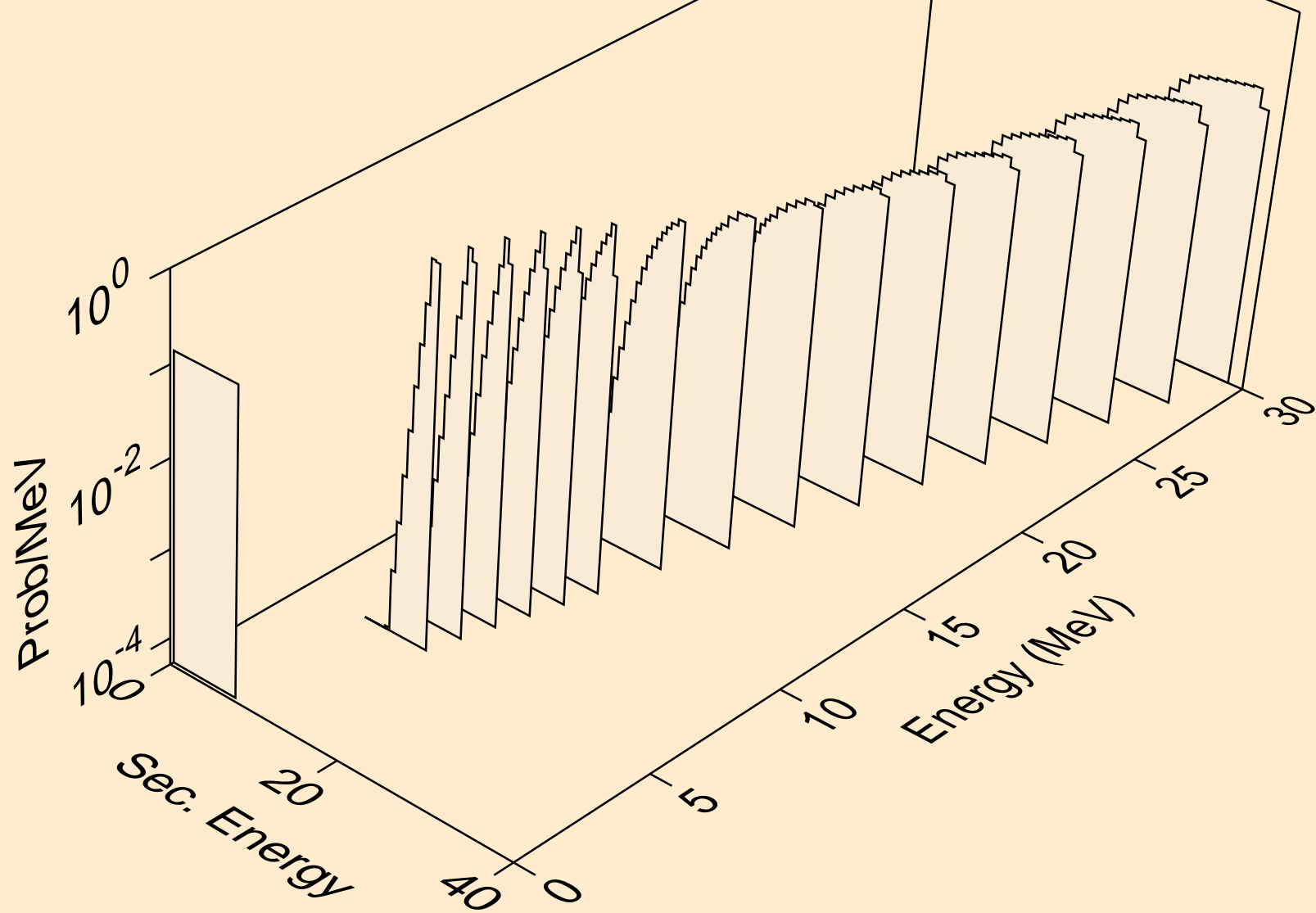




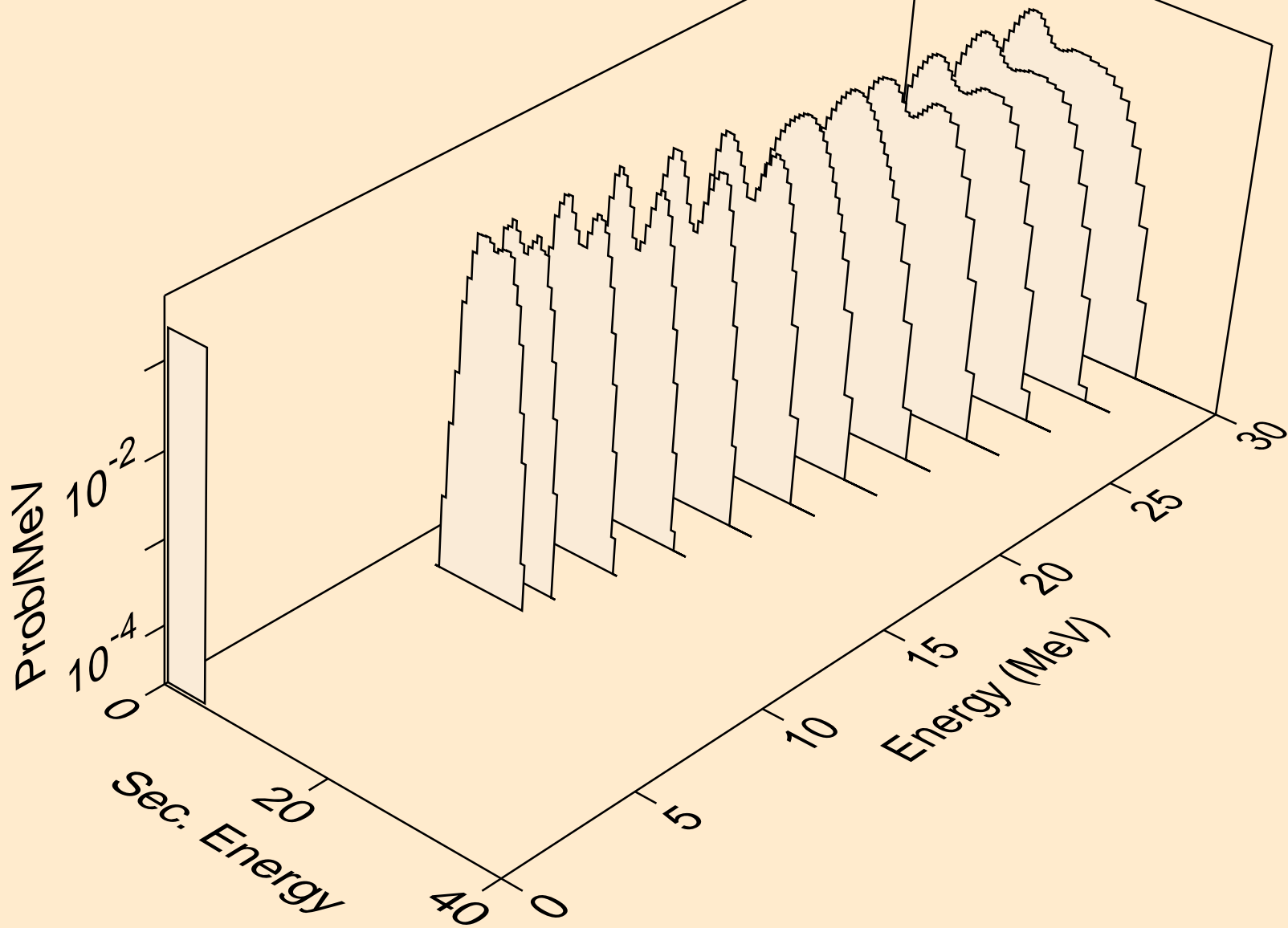
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alphas from (s,npa)



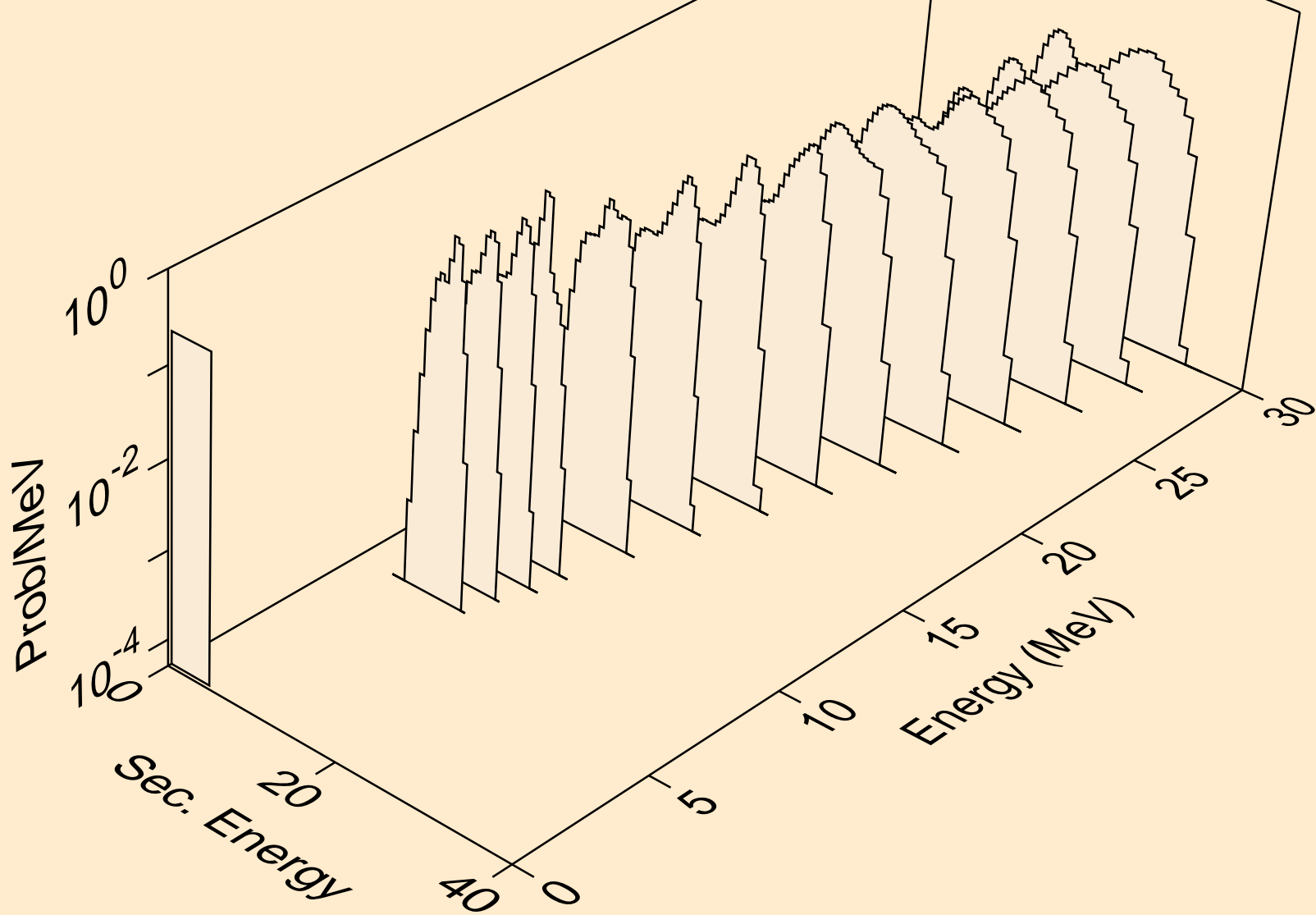
PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



PM139 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

