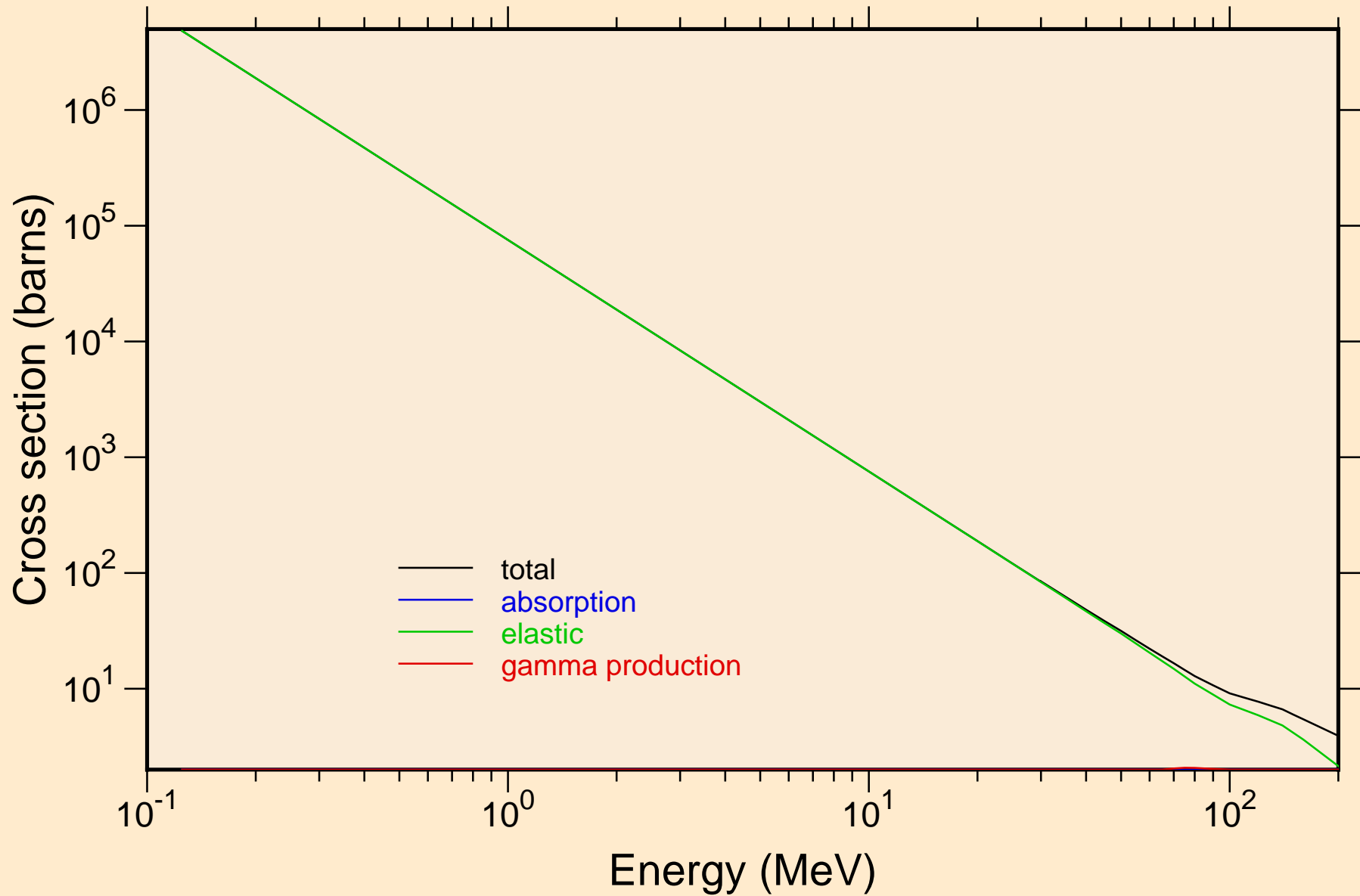
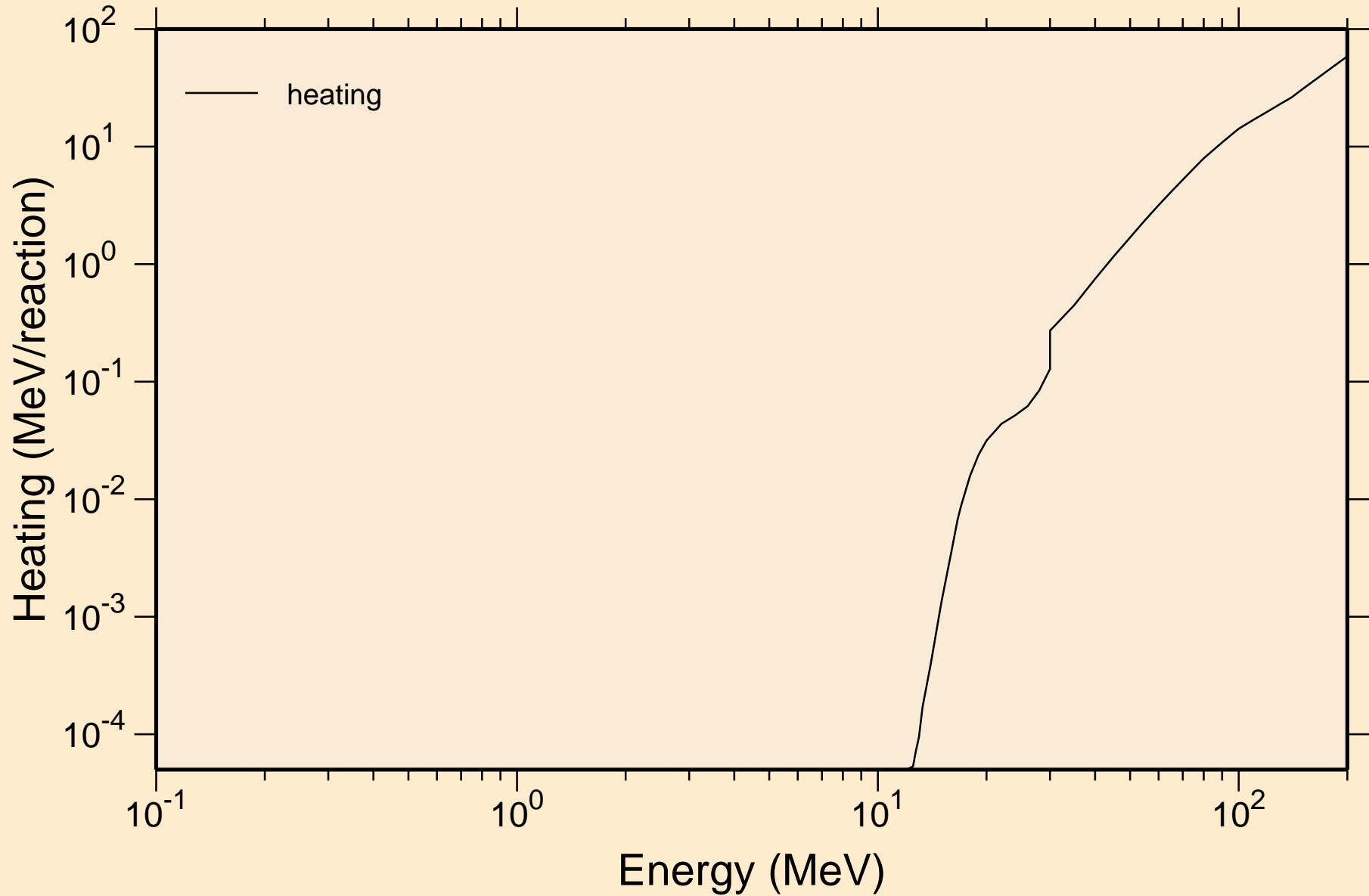


XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



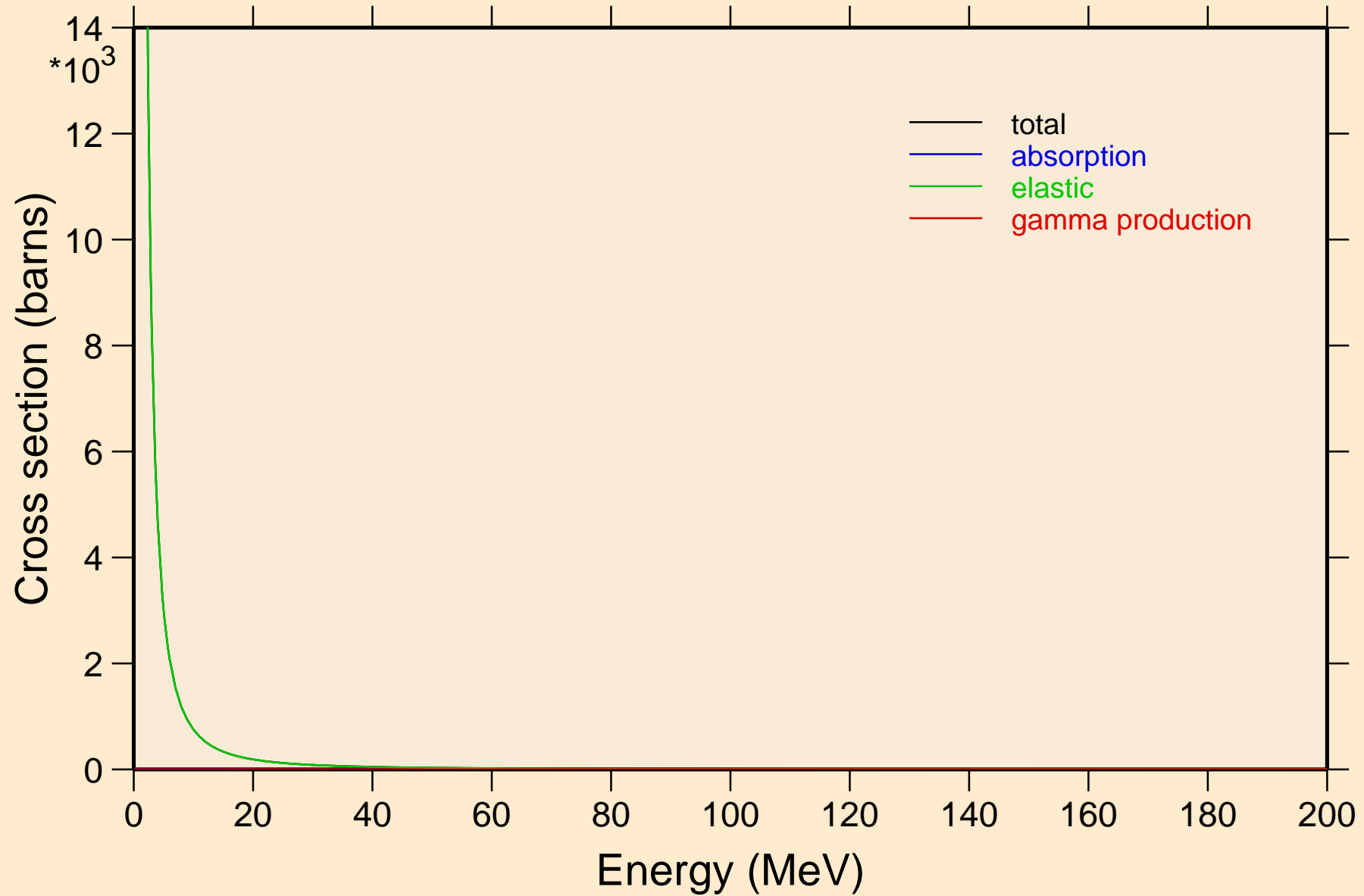
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Heating



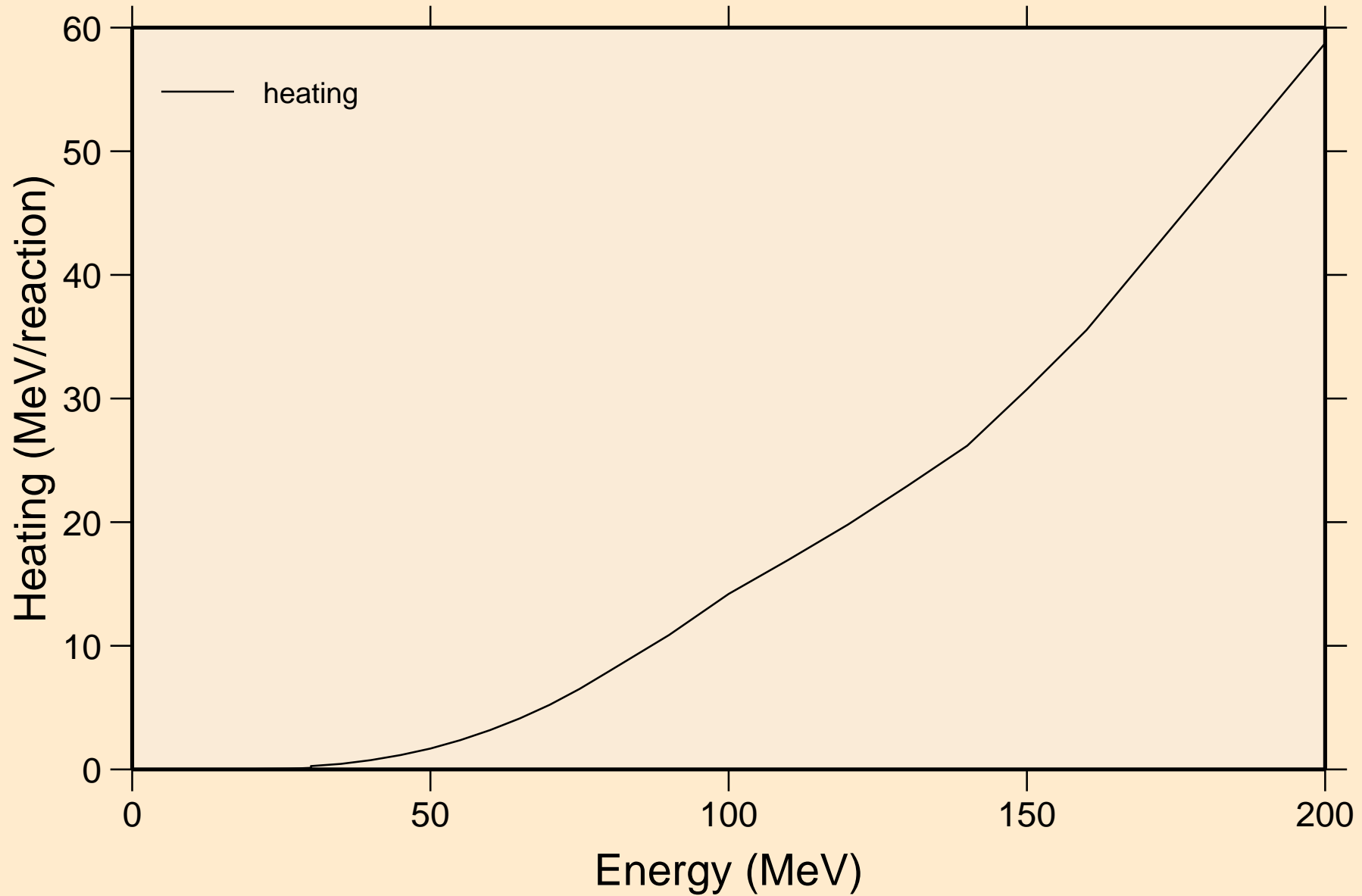
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## Principal cross sections

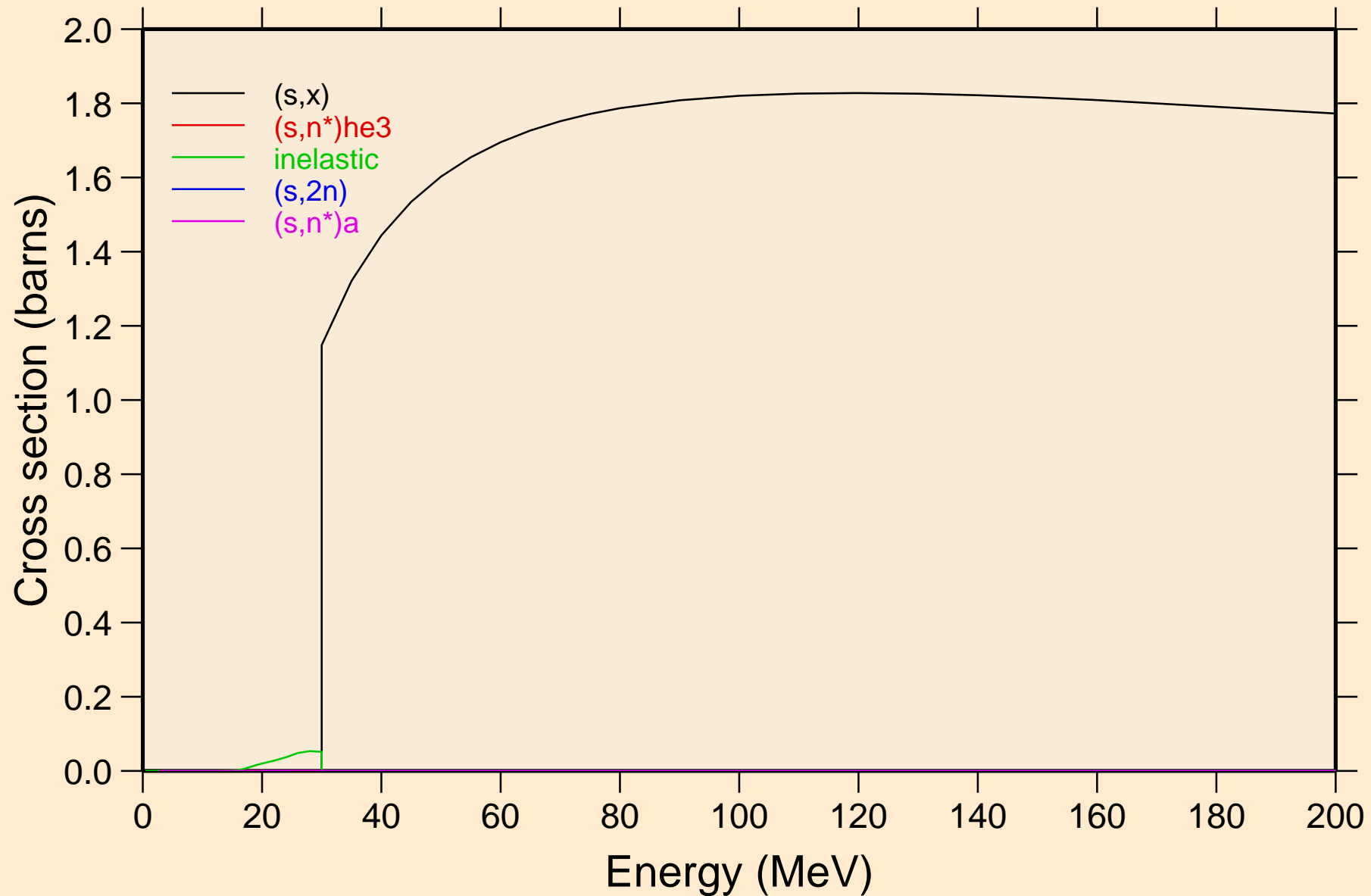


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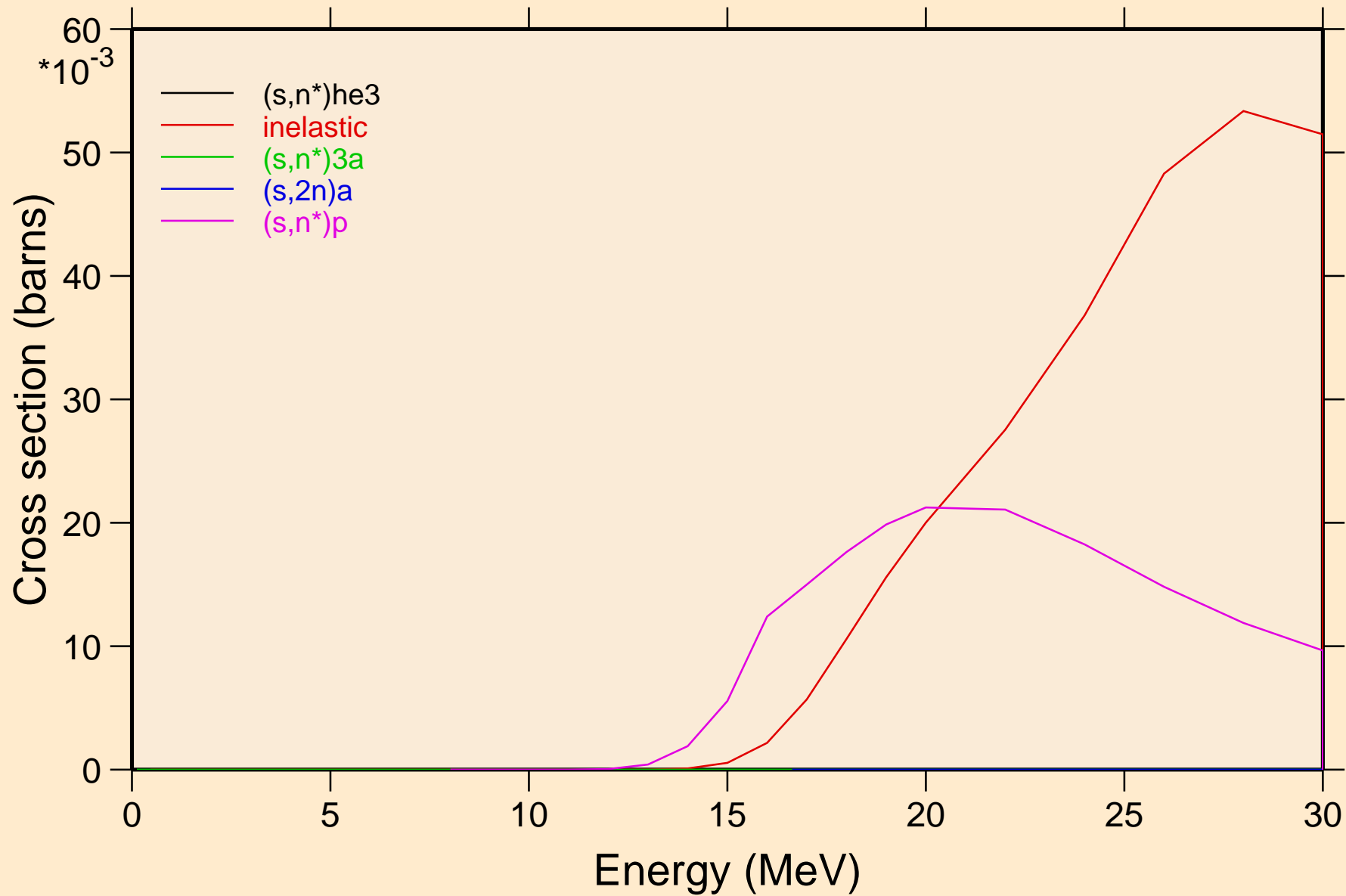
Heating



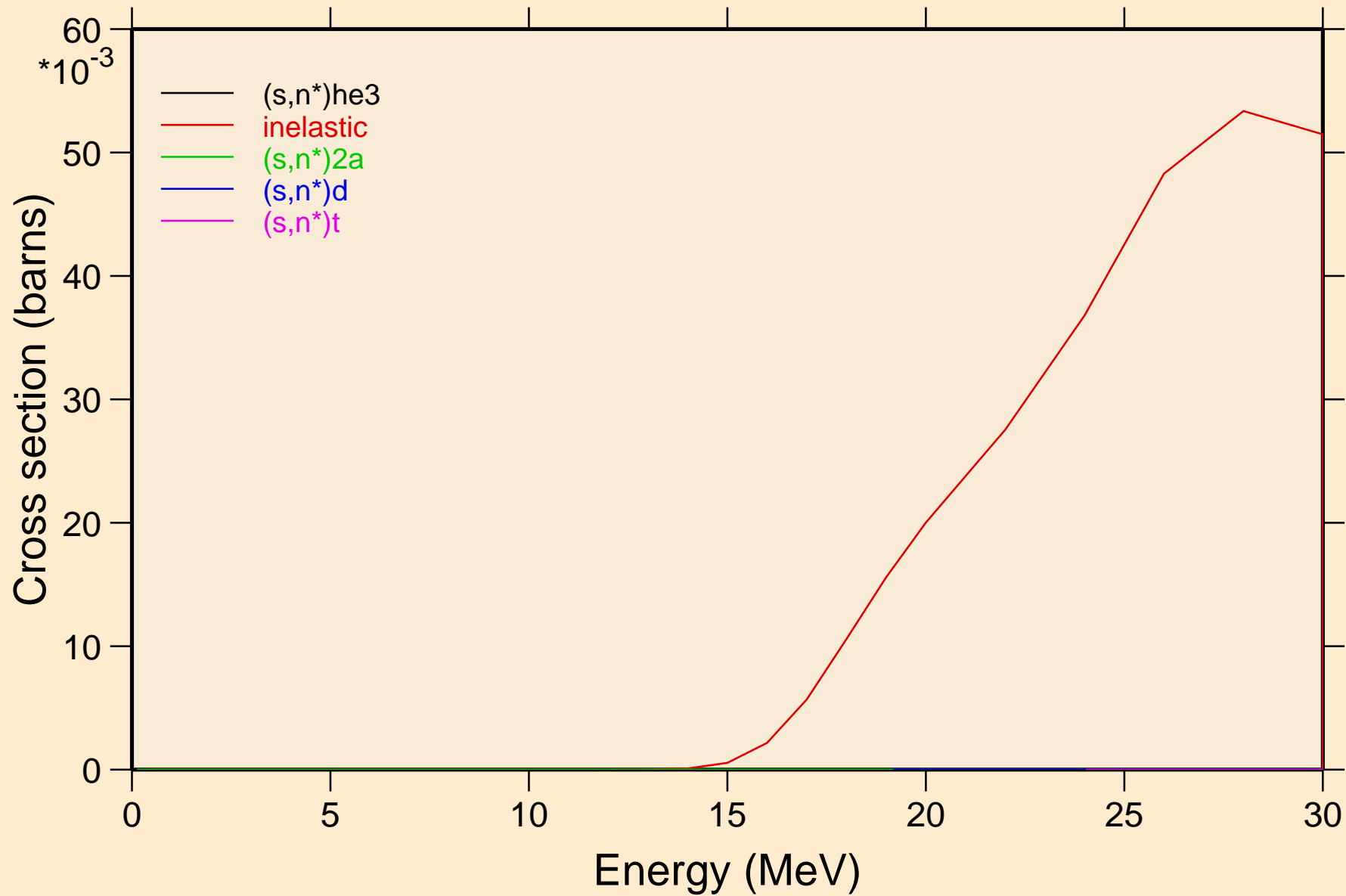
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Threshold reactions



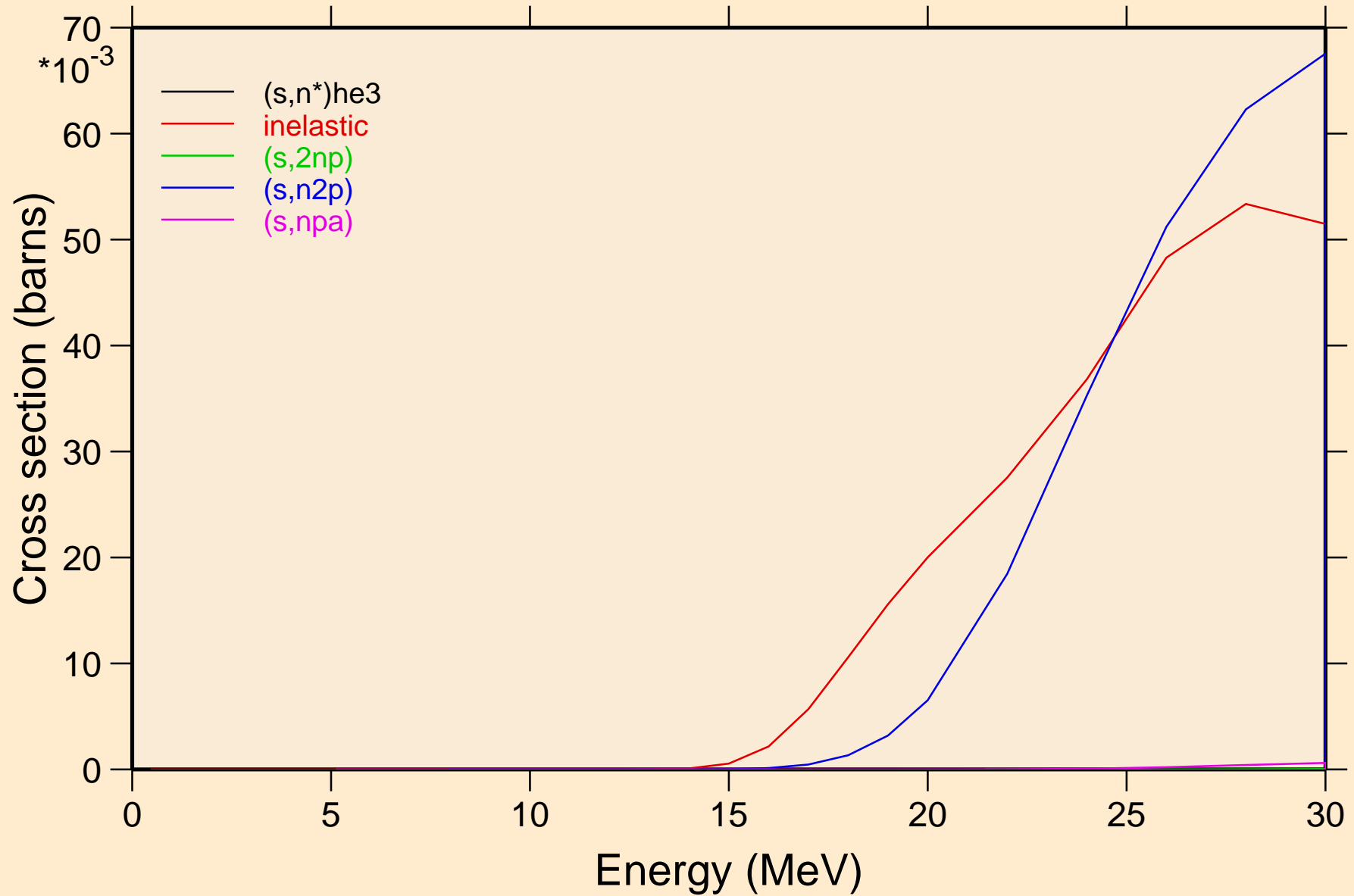
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Threshold reactions



XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



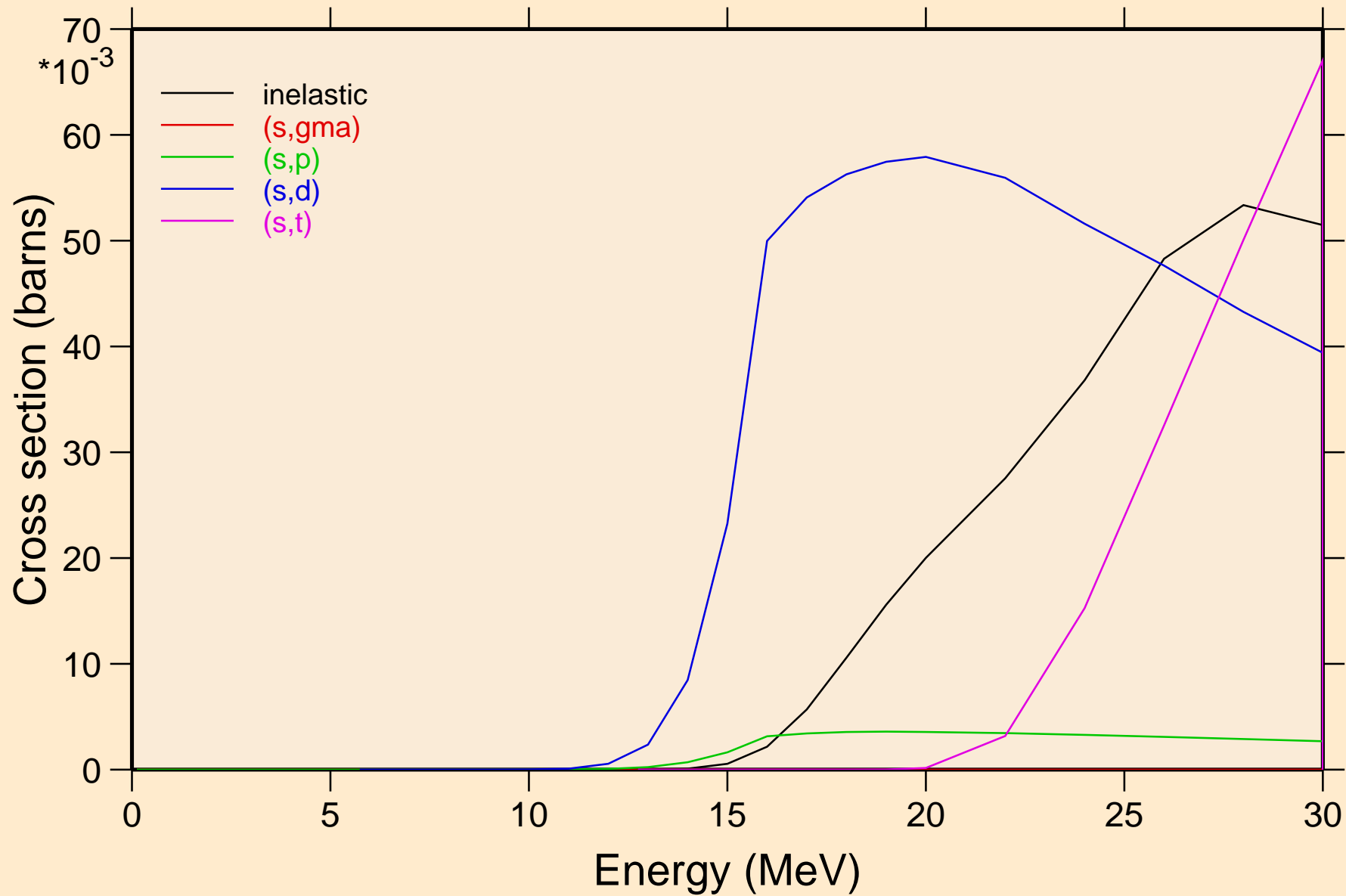
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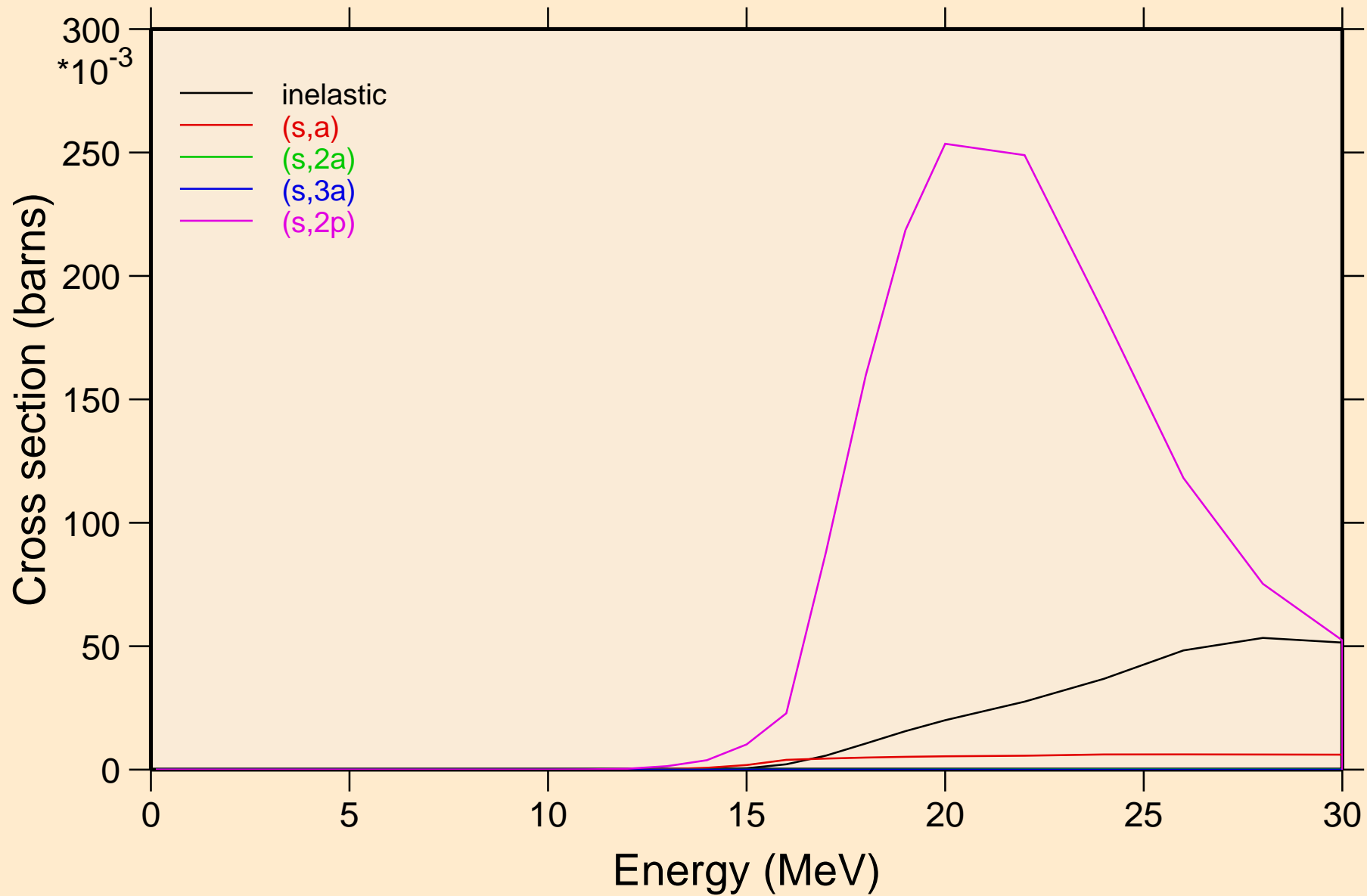


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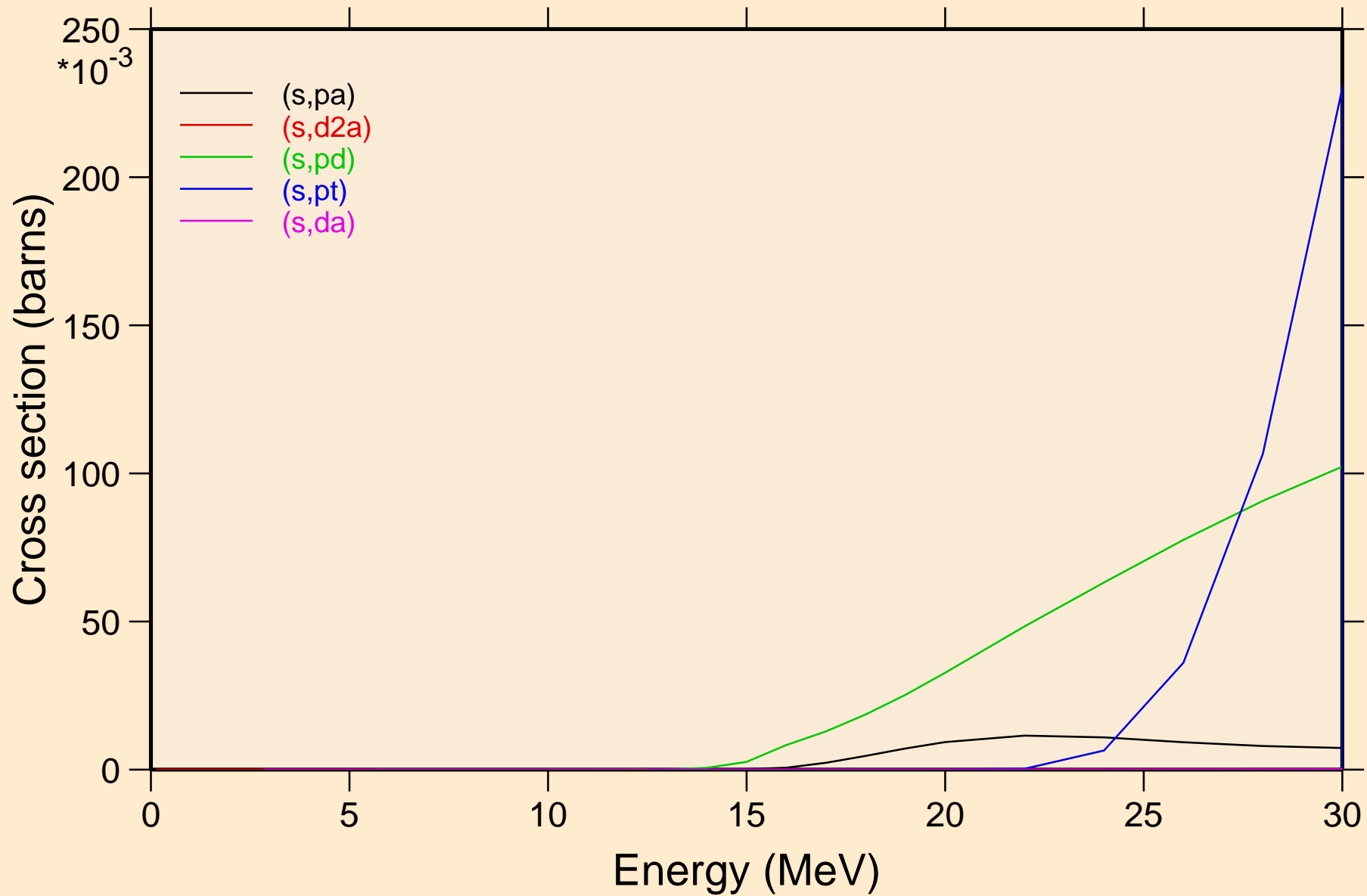
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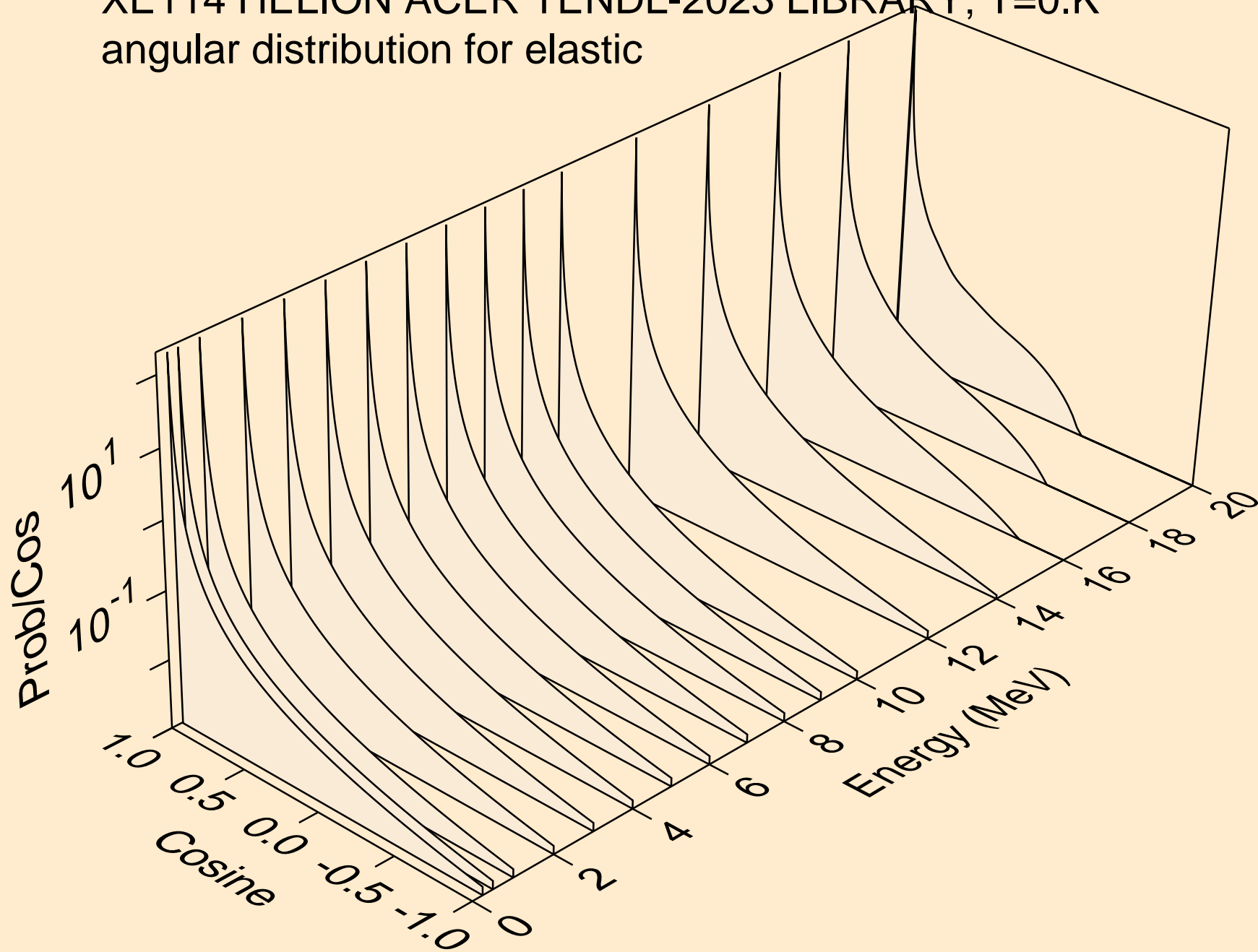
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Threshold reactions



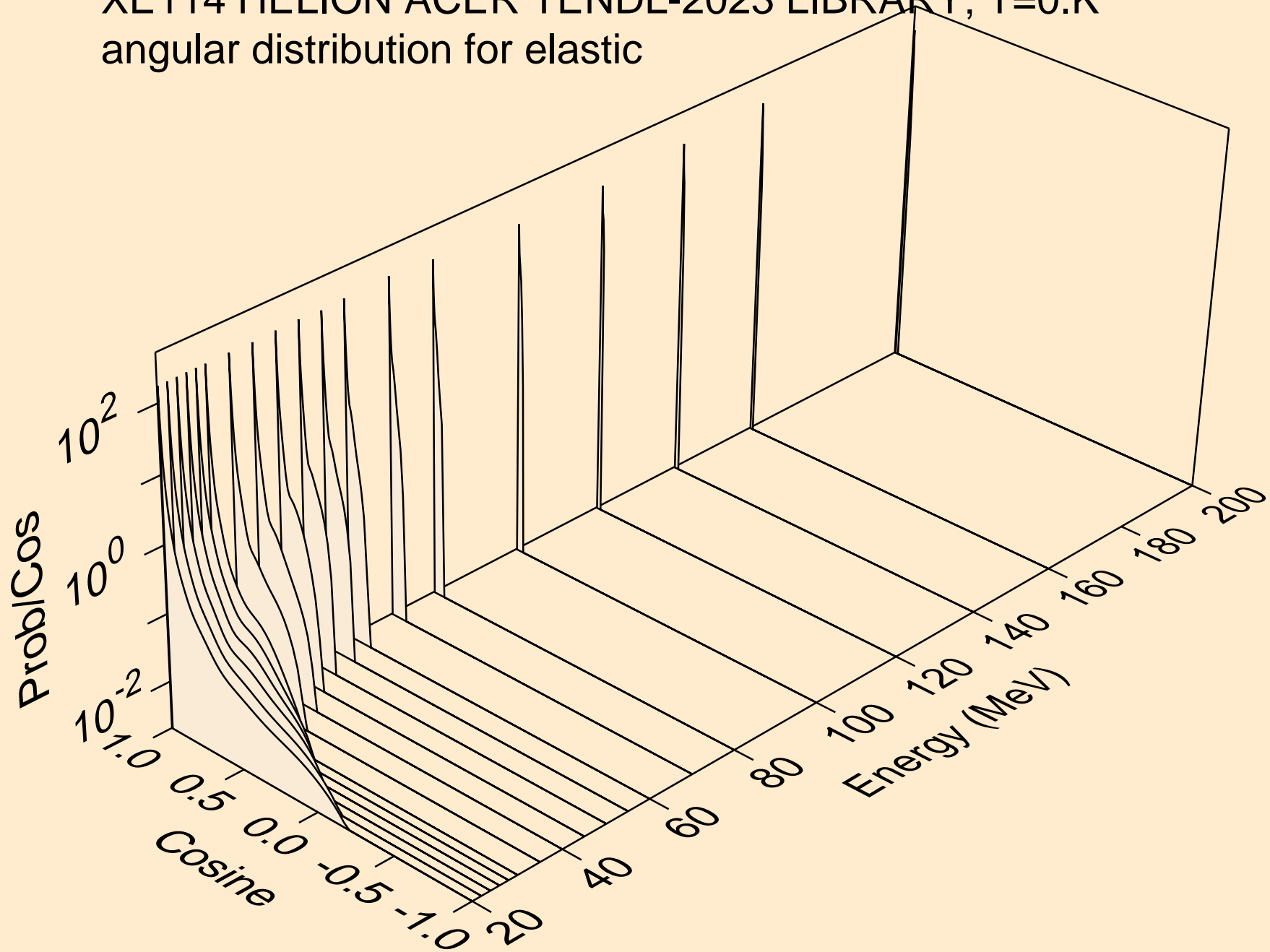
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Threshold reactions



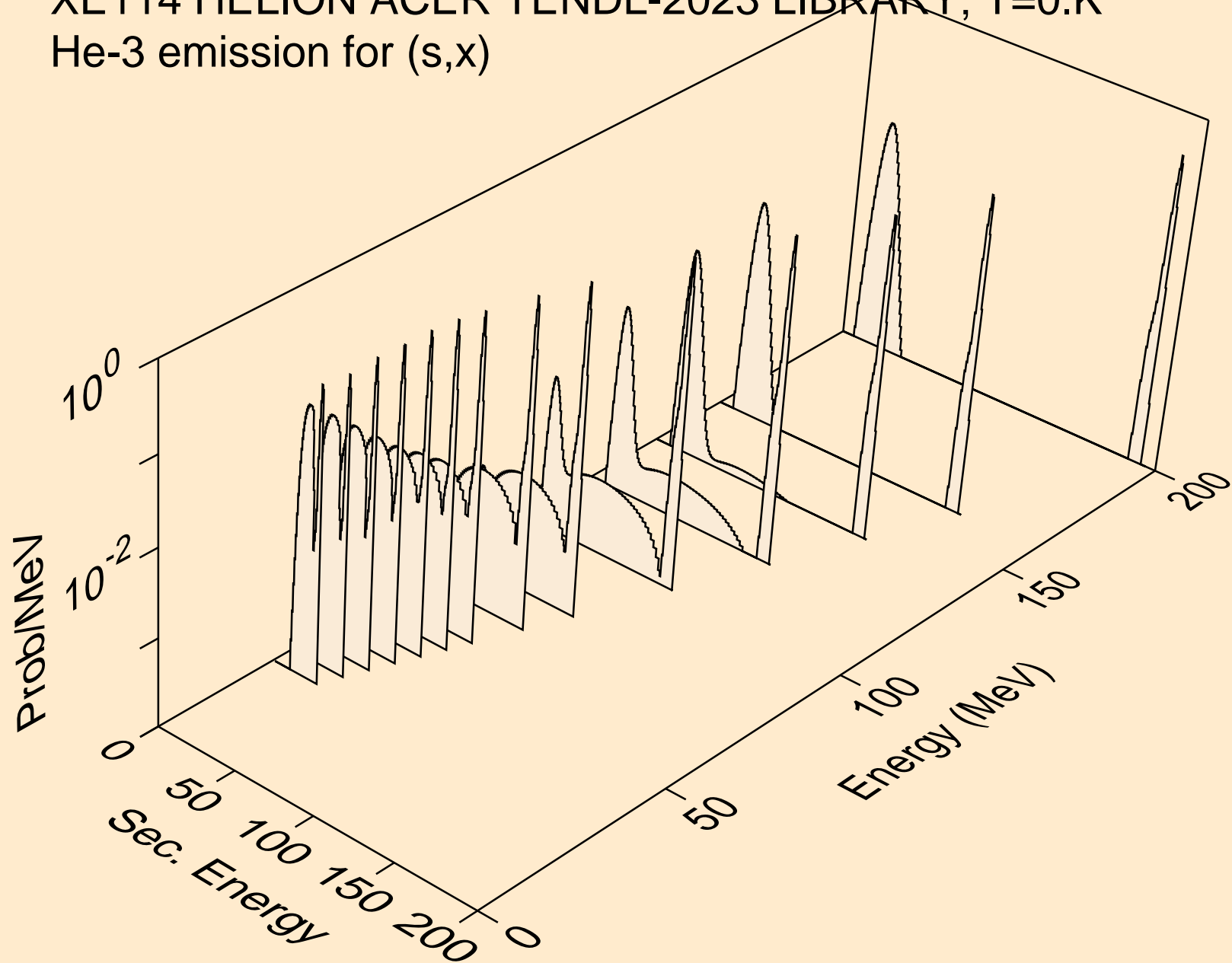
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angular distribution for elastic



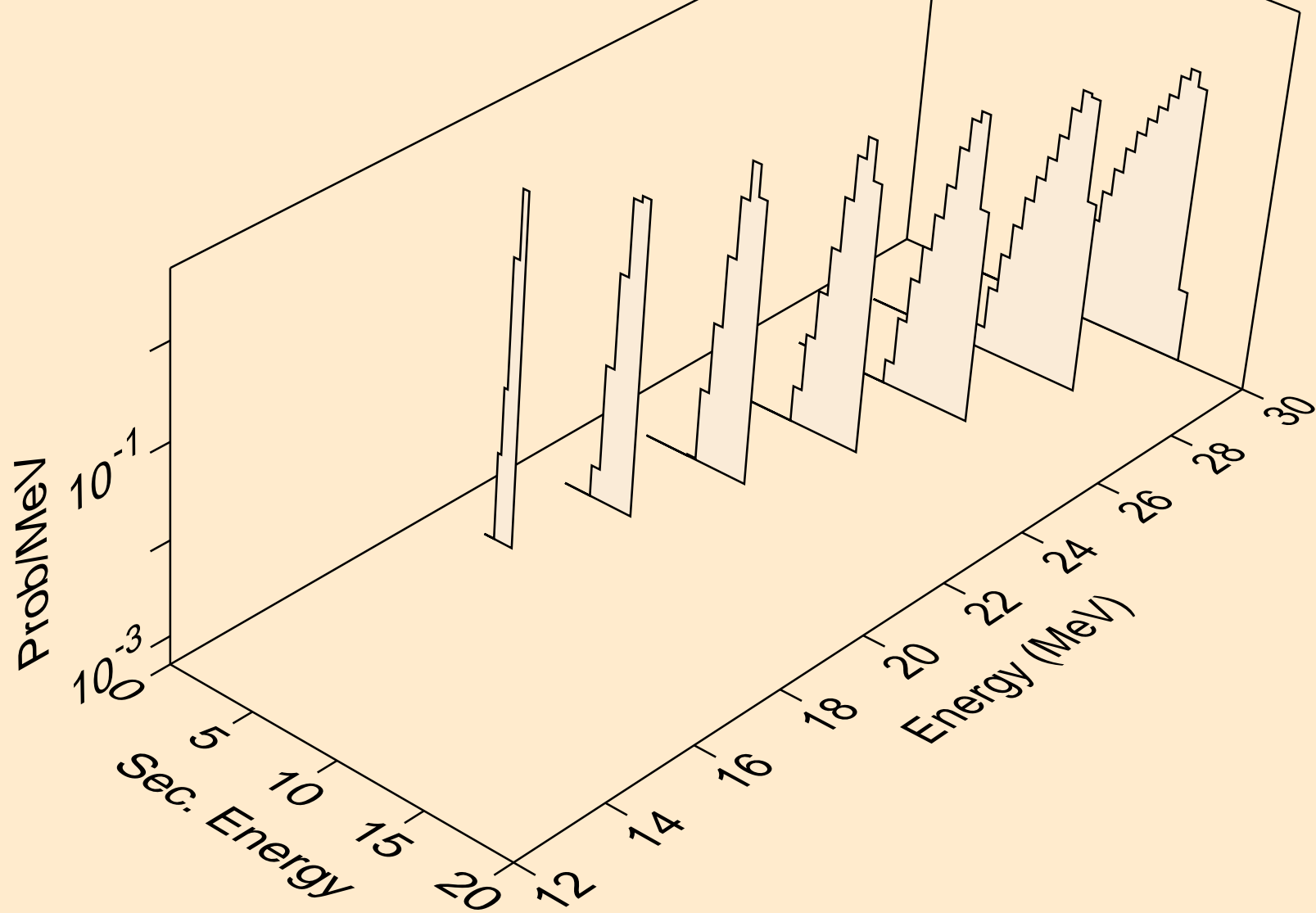
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angular distribution for elastic



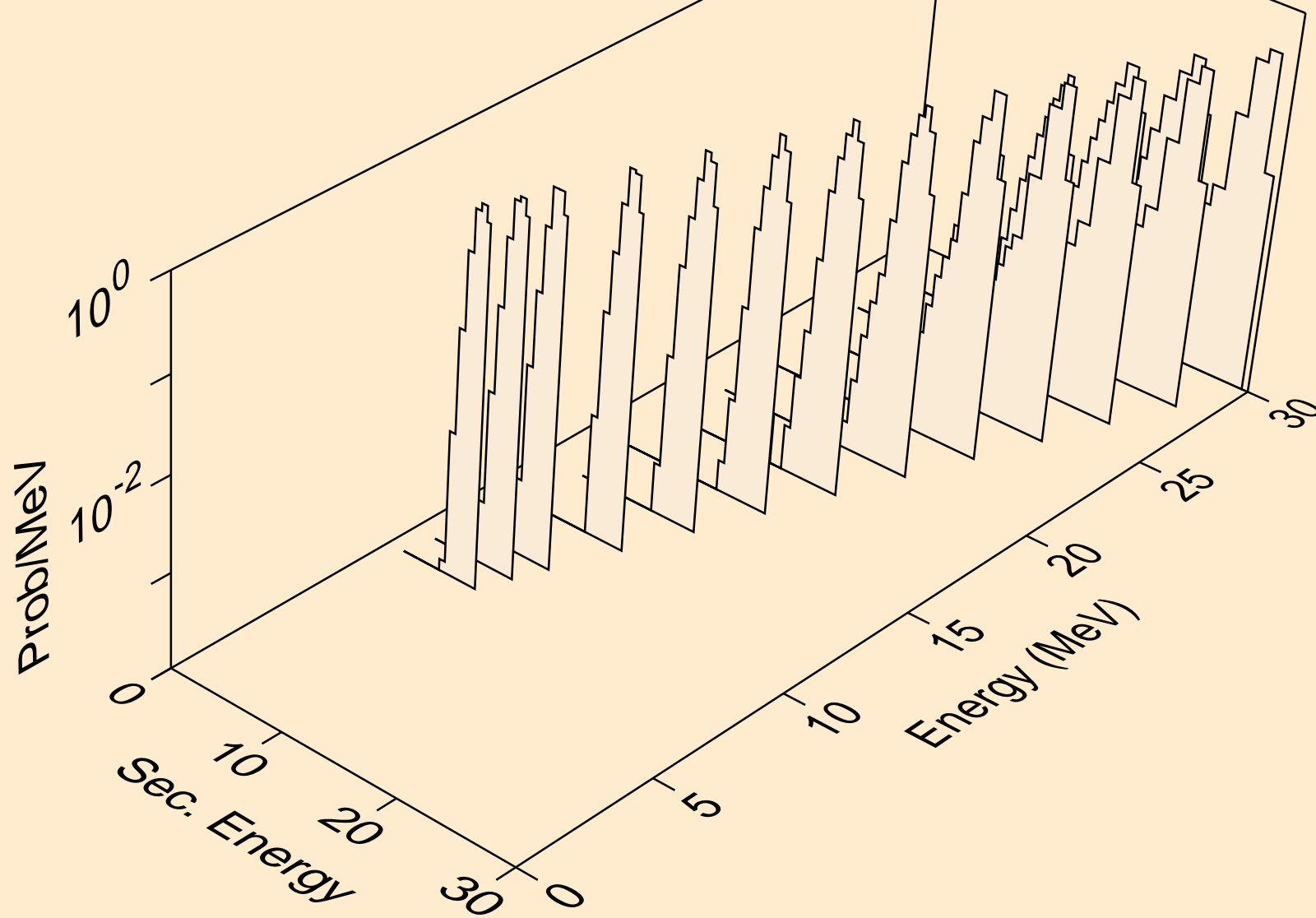
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

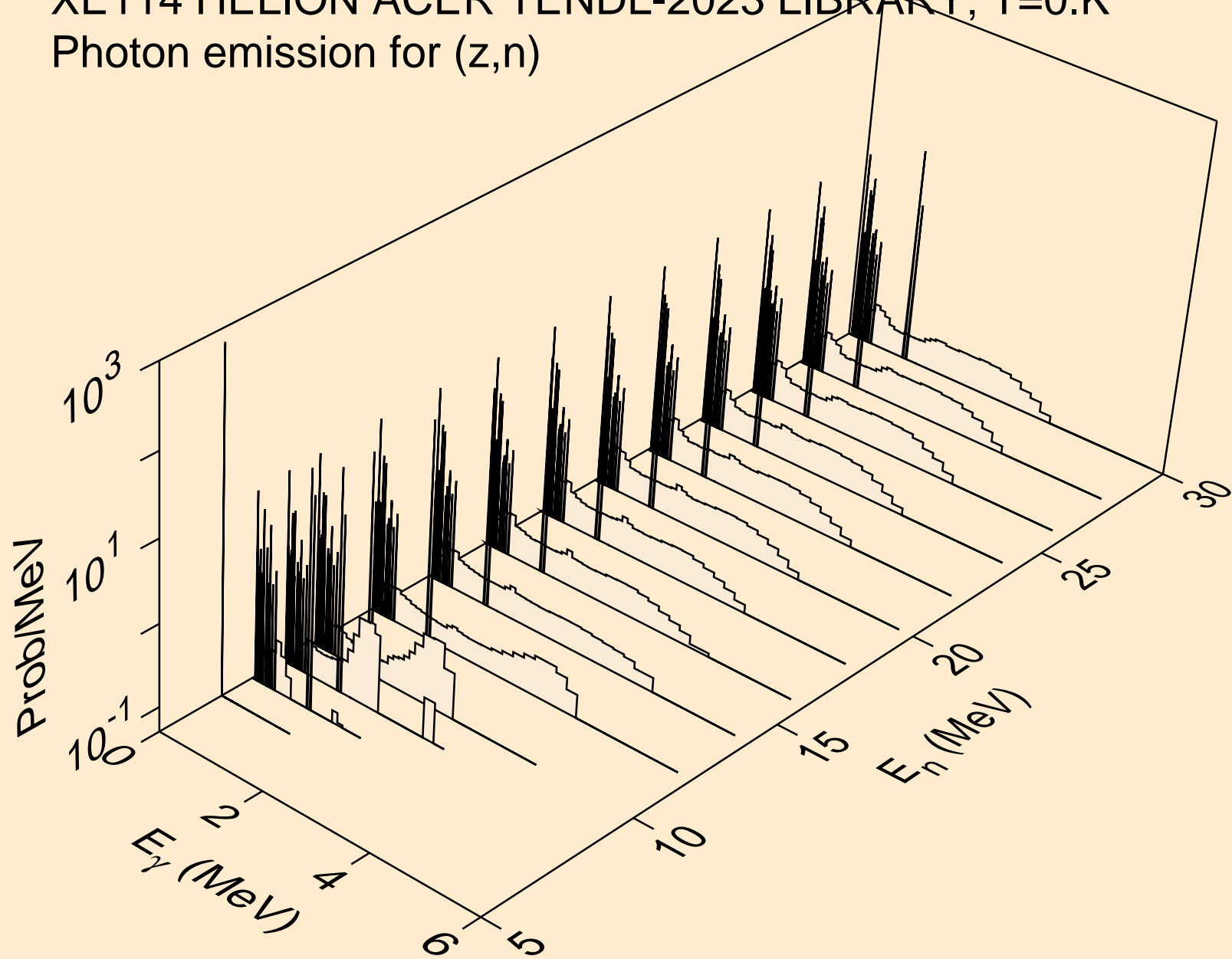


XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

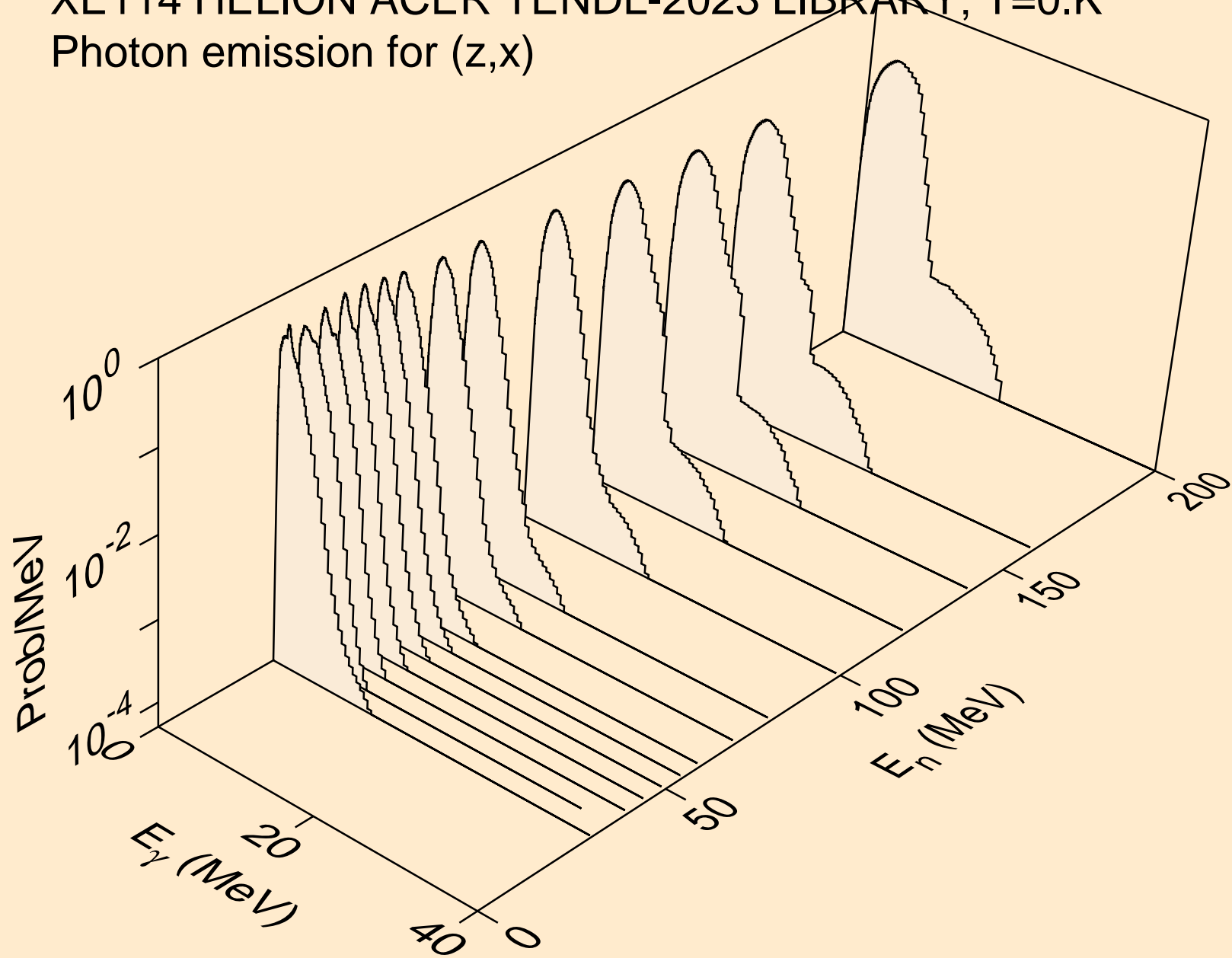




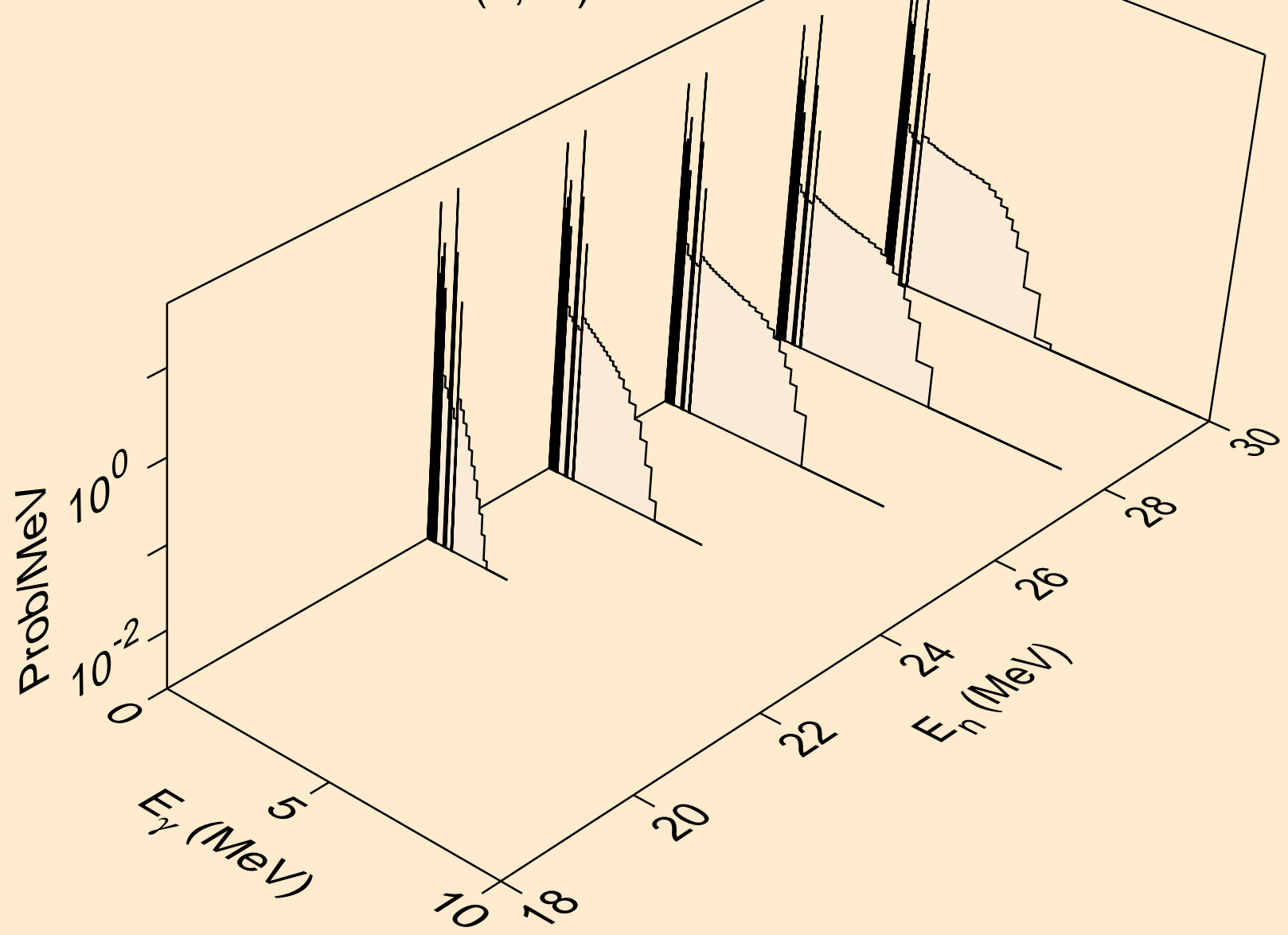
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Photon emission for (z,n)



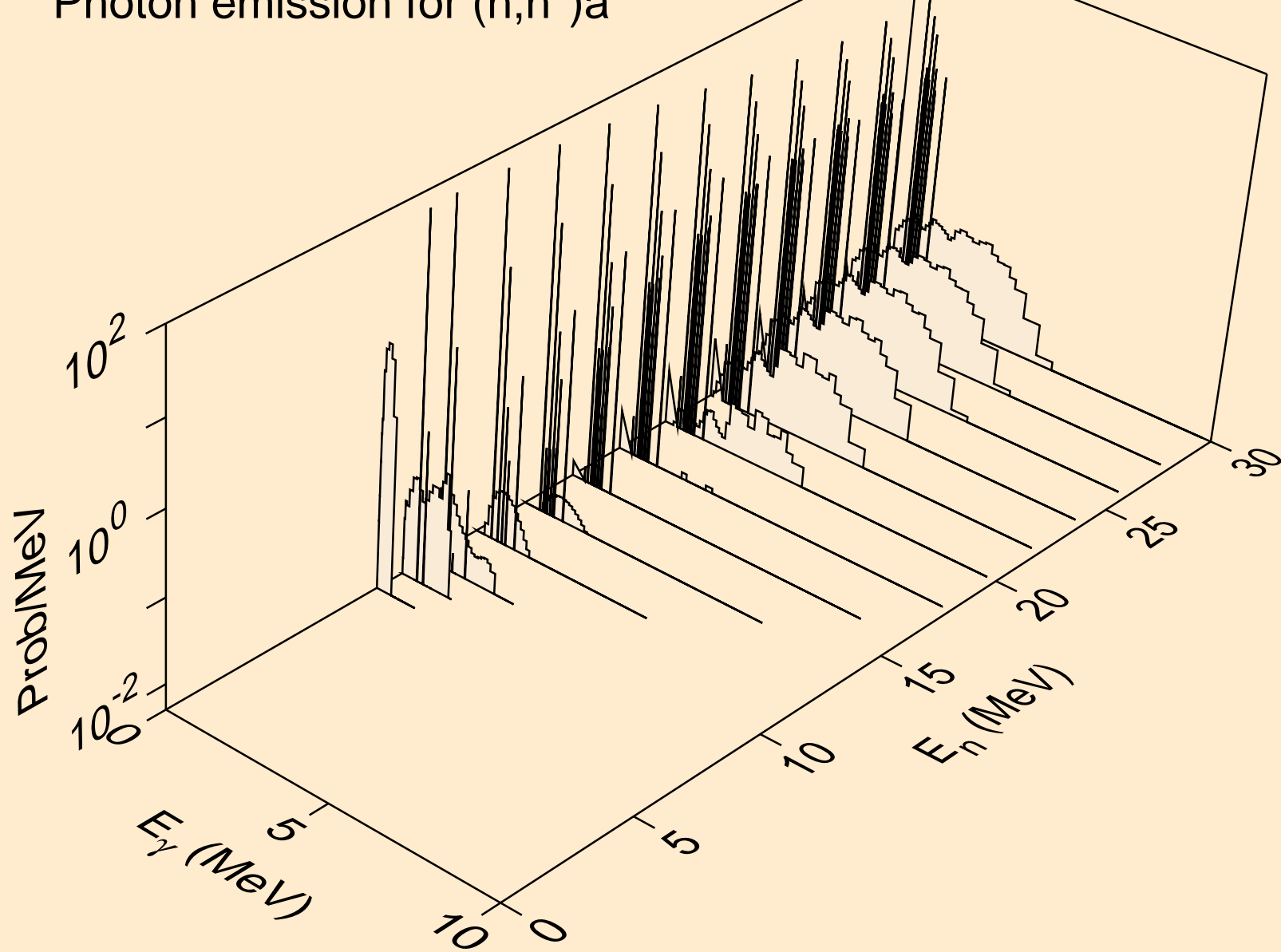
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Photon emission for (z,x)



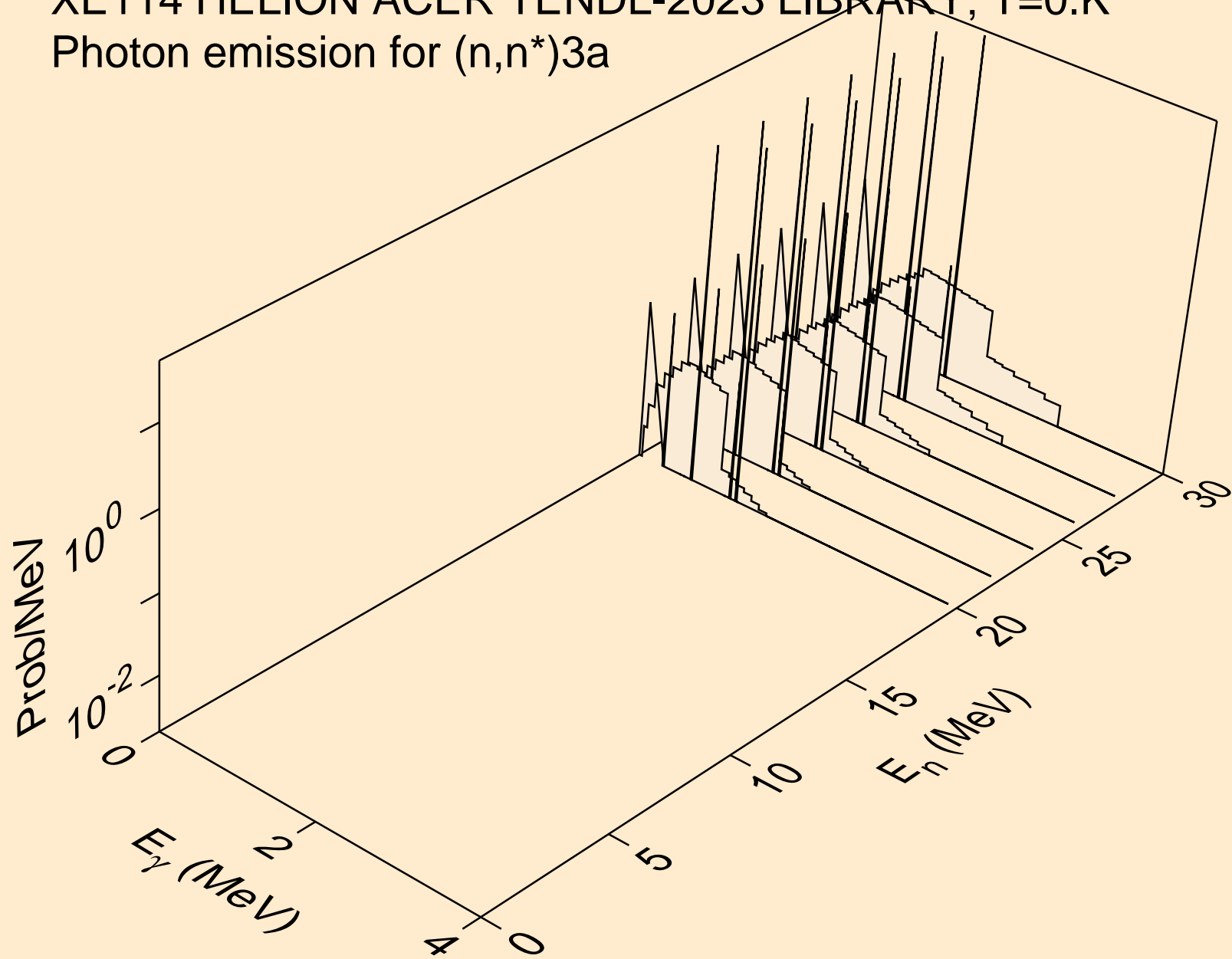
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Photon emission for (n,2n)



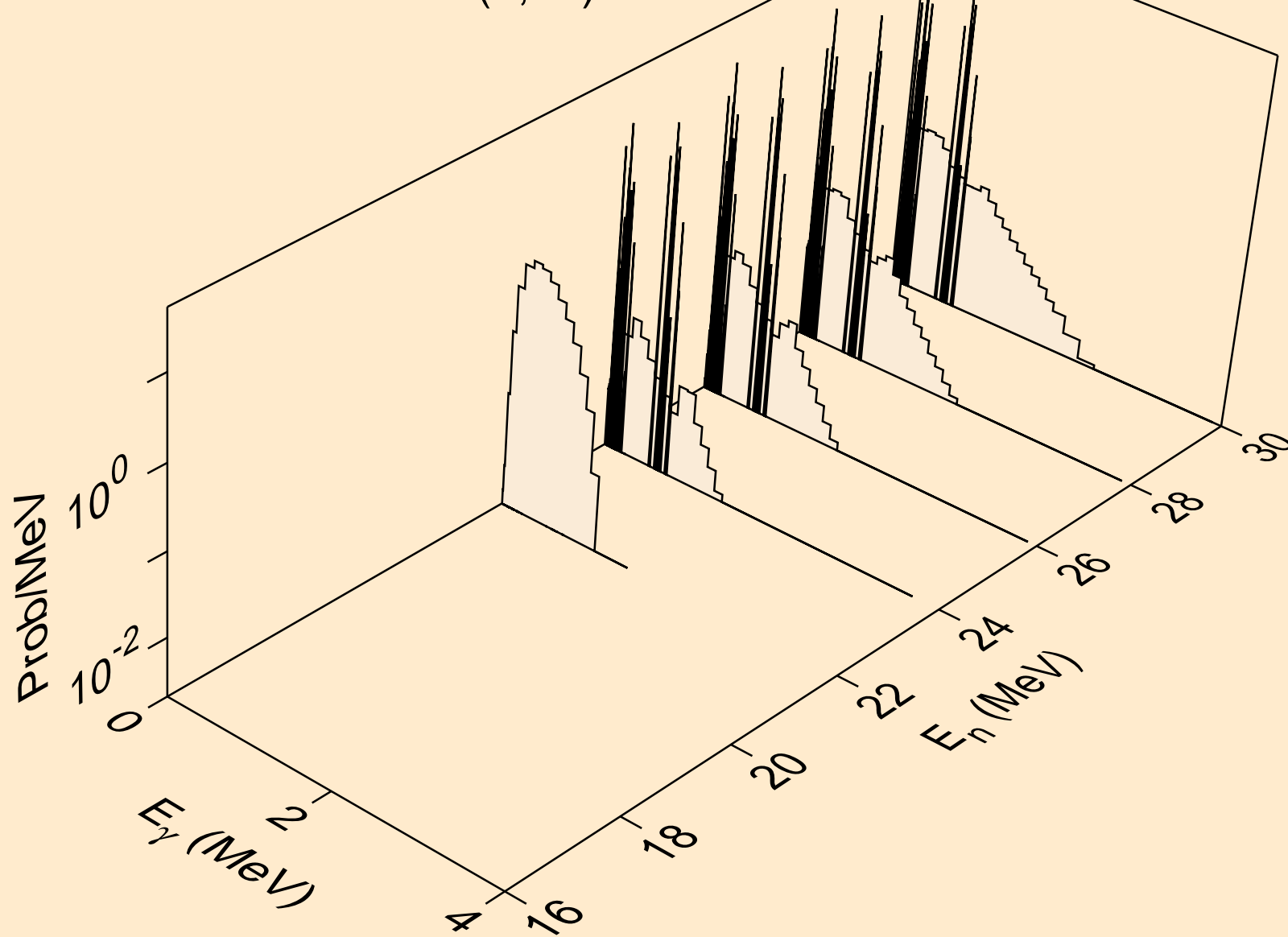
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



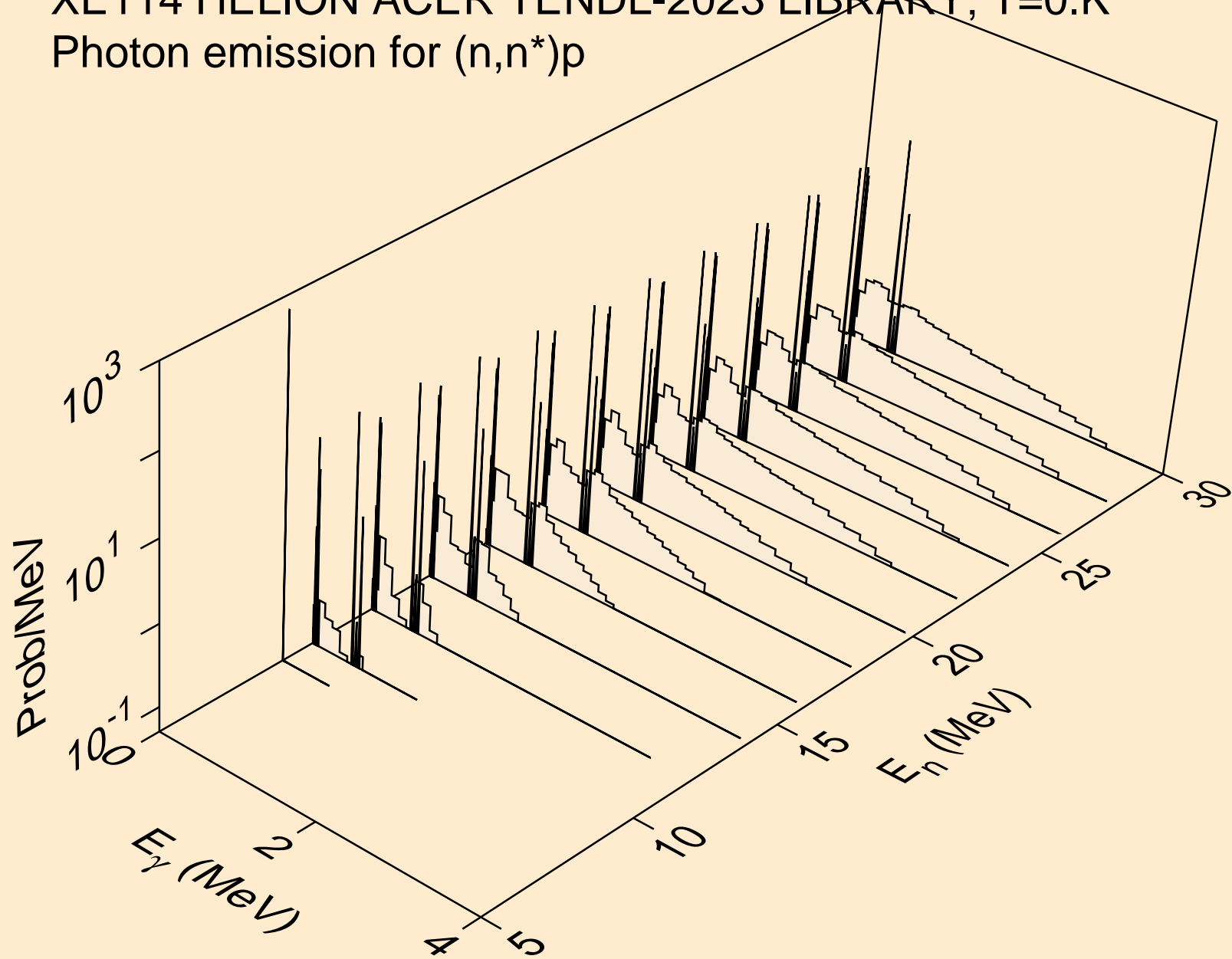
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a



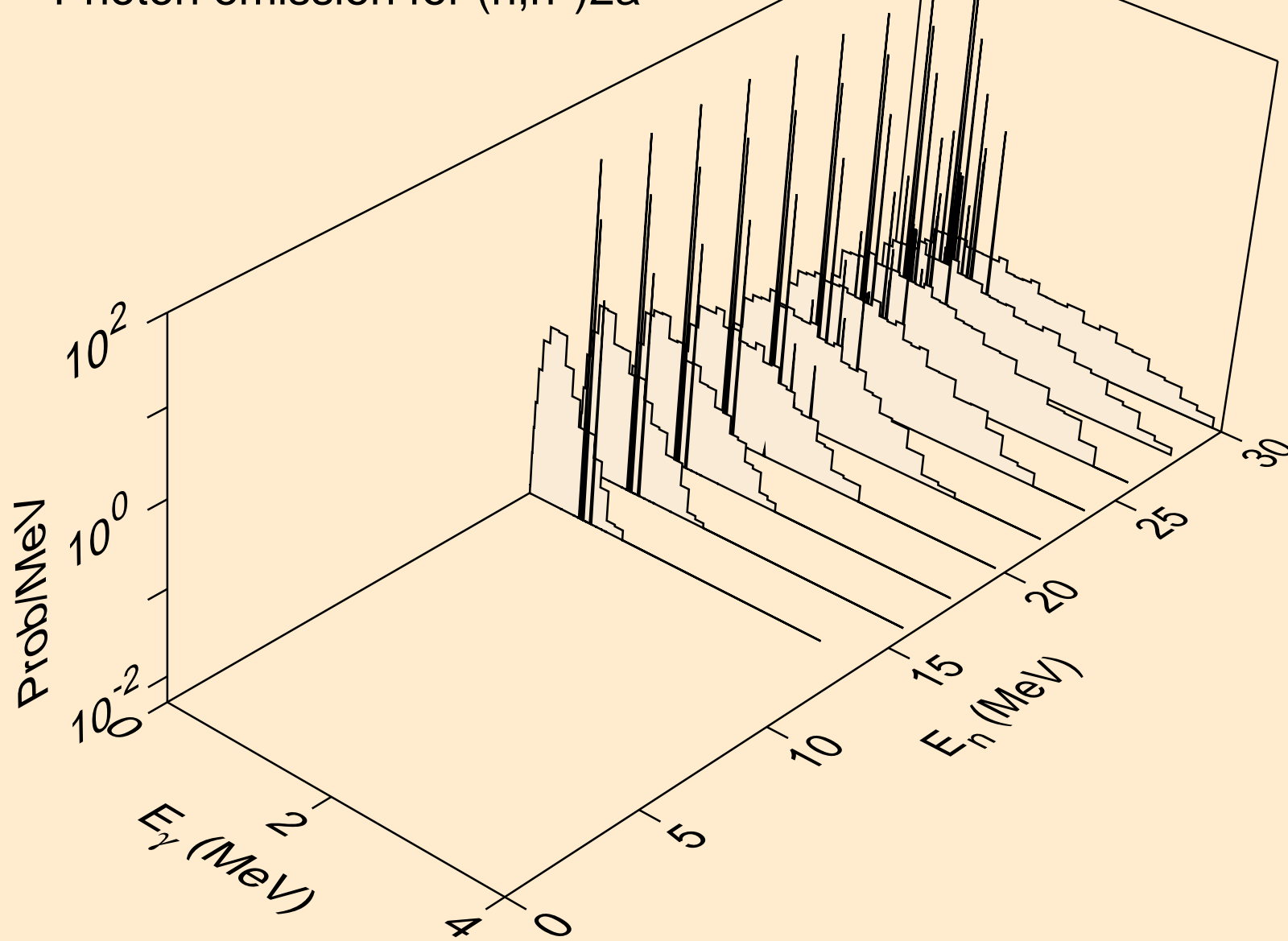
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

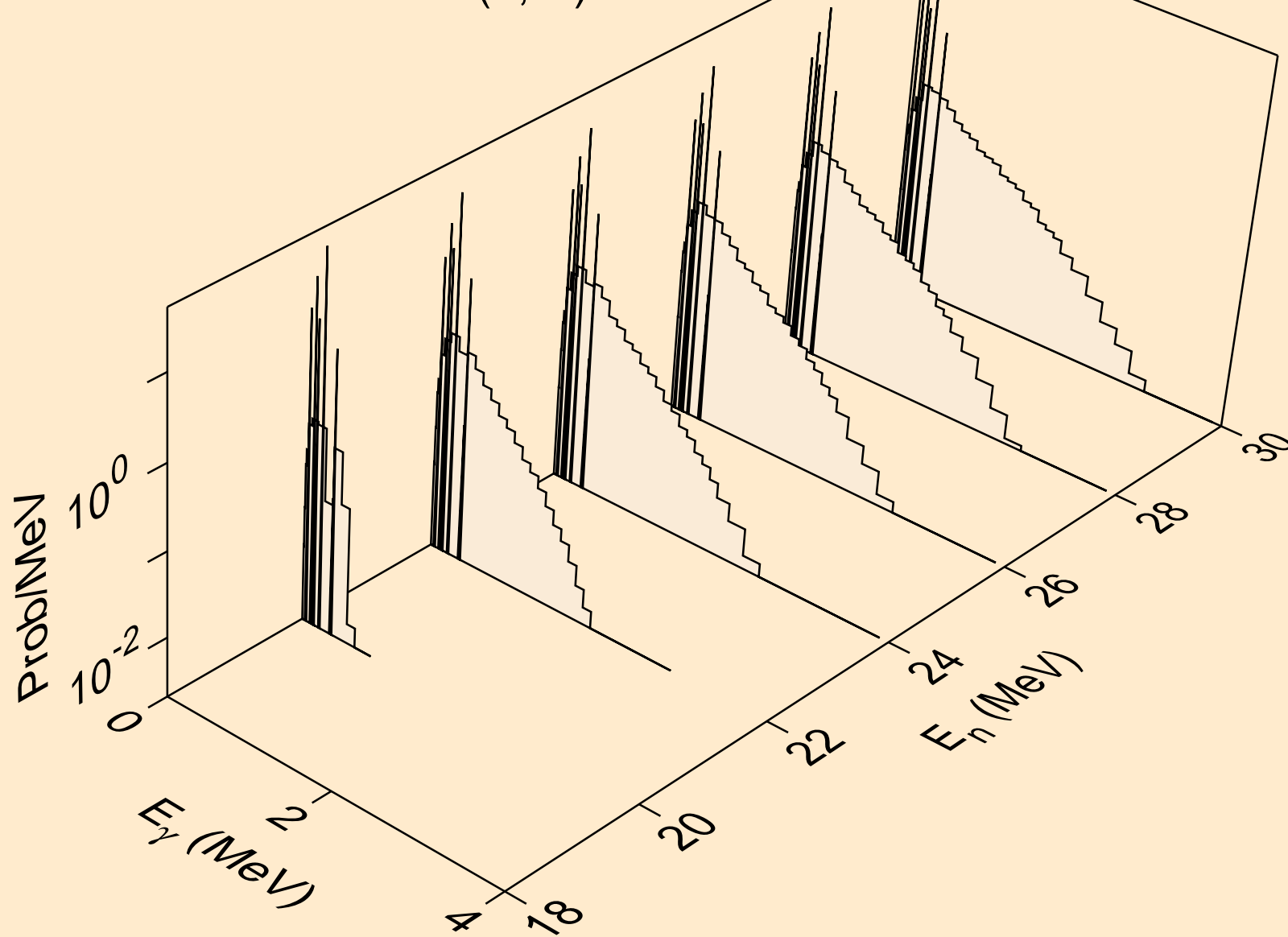


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Photon emission for (n,n\*)2a

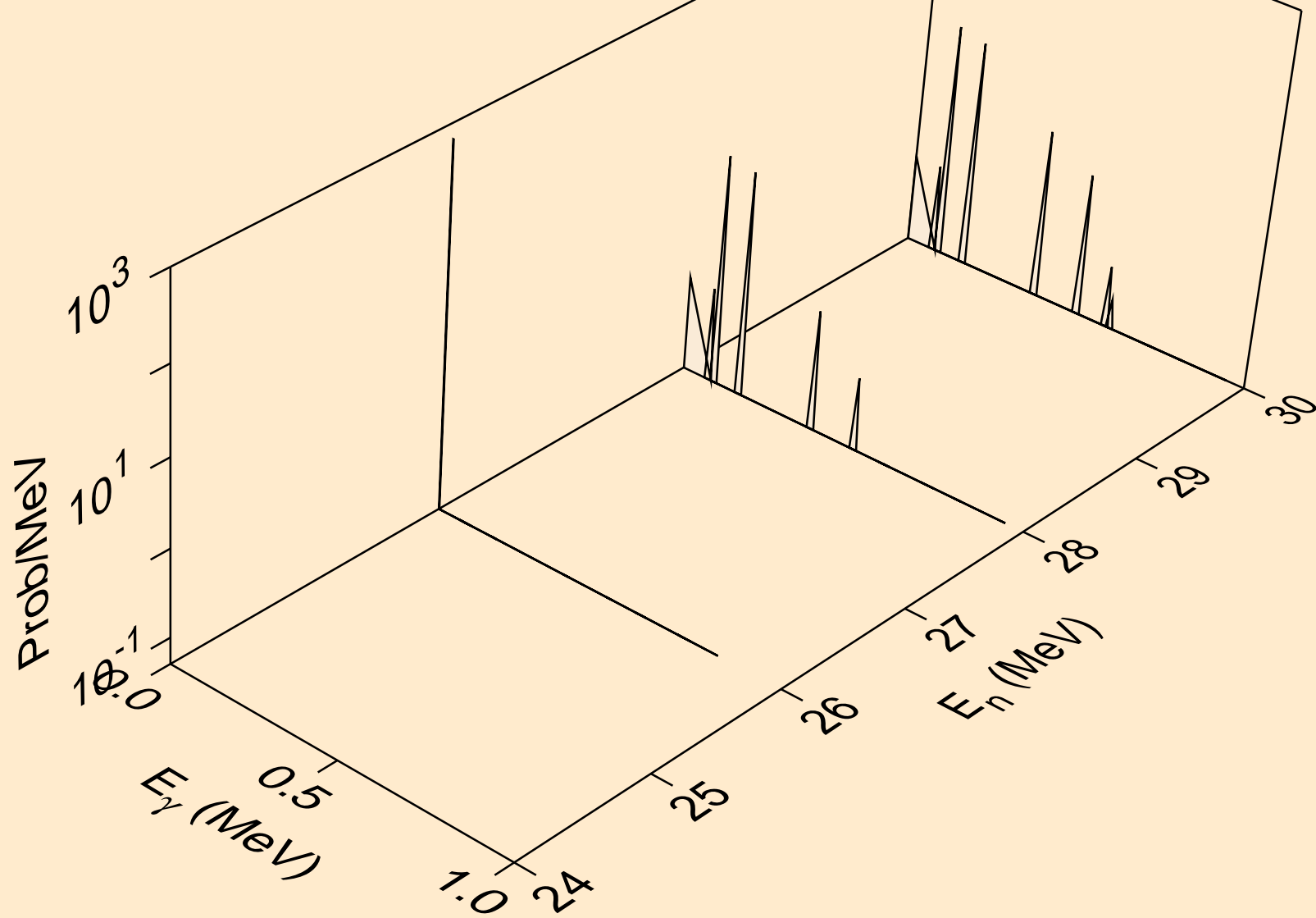




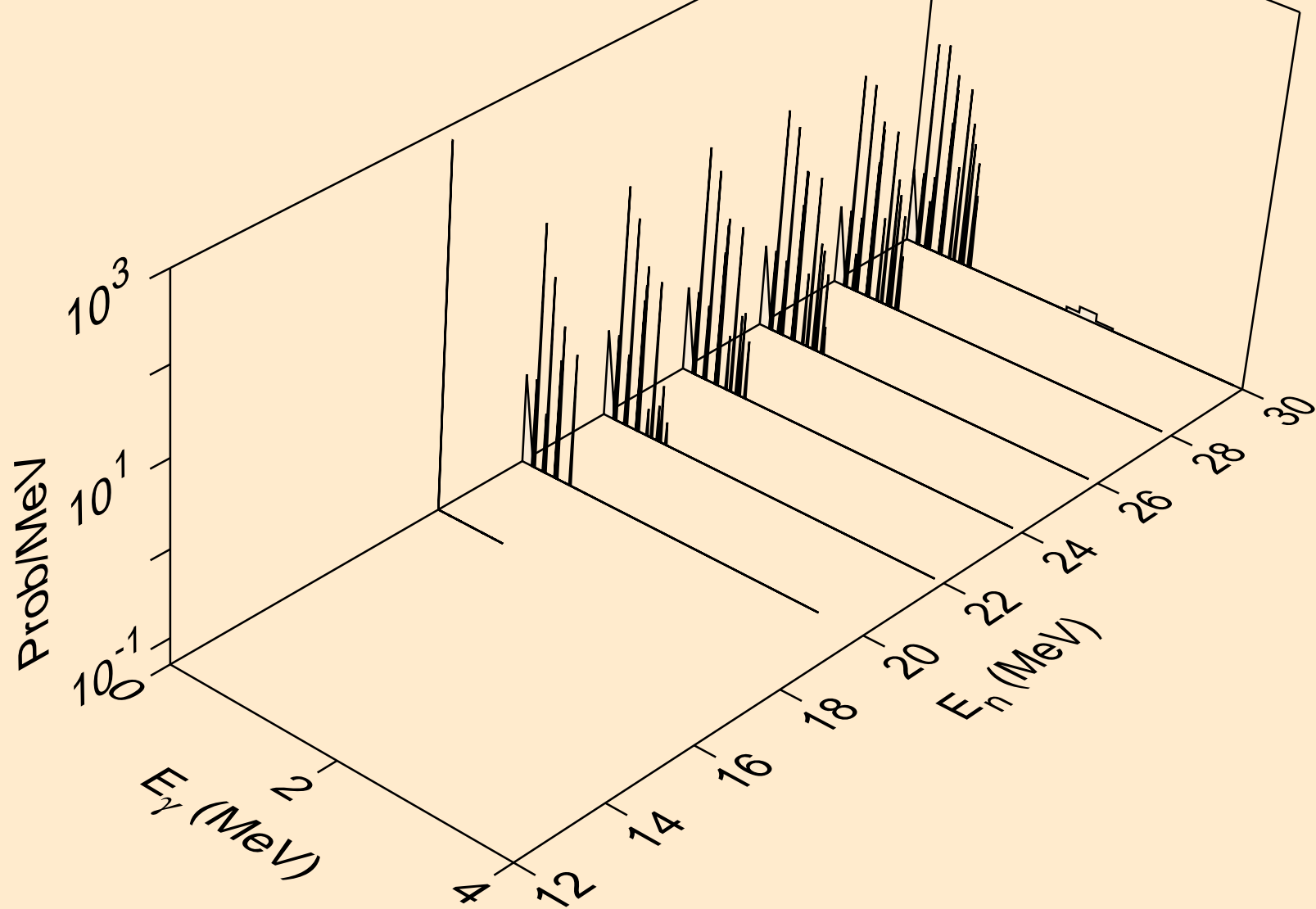
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Photon emission for (n,n\*)d



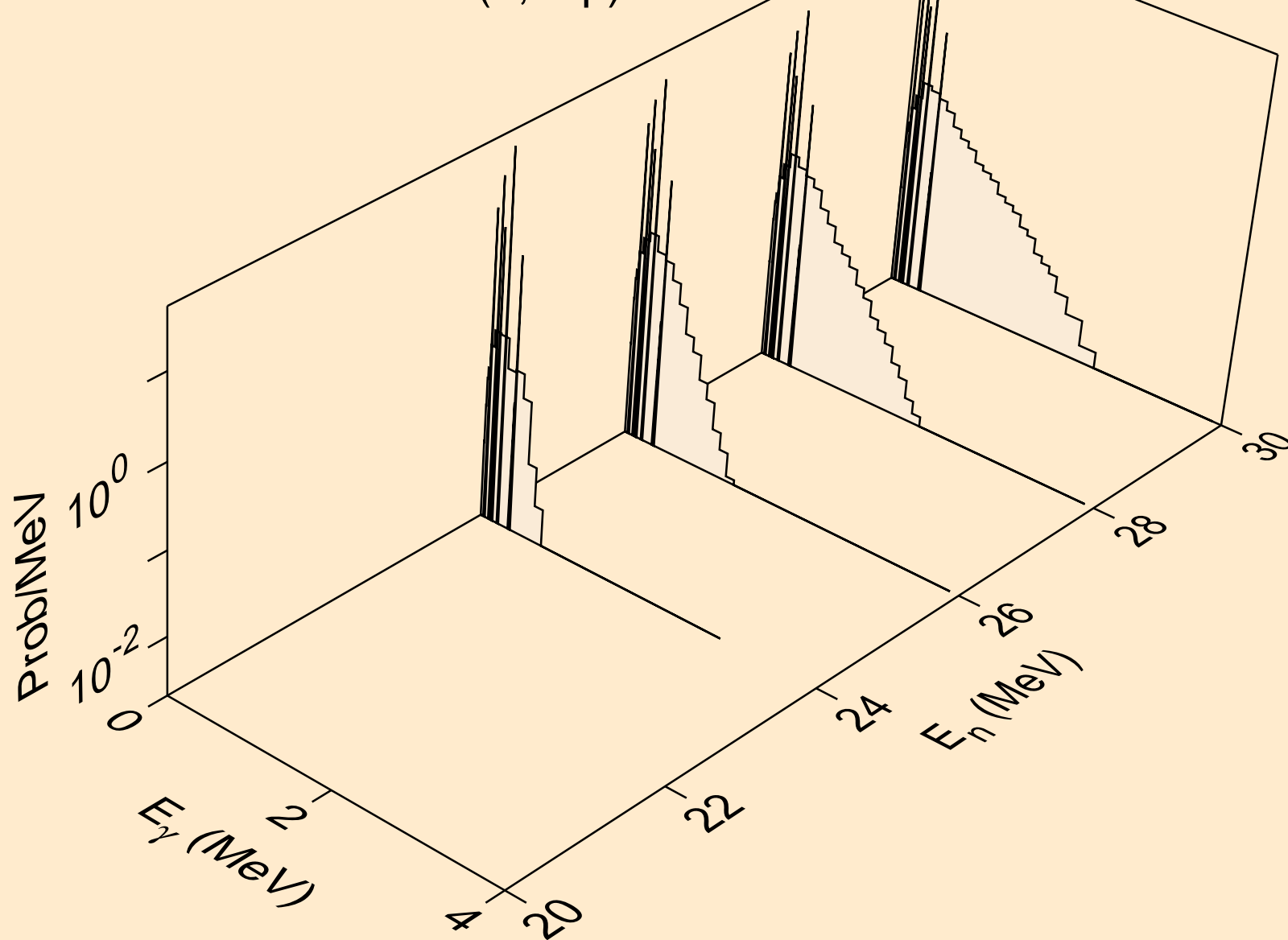
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Photon emission for (n,n\*)t



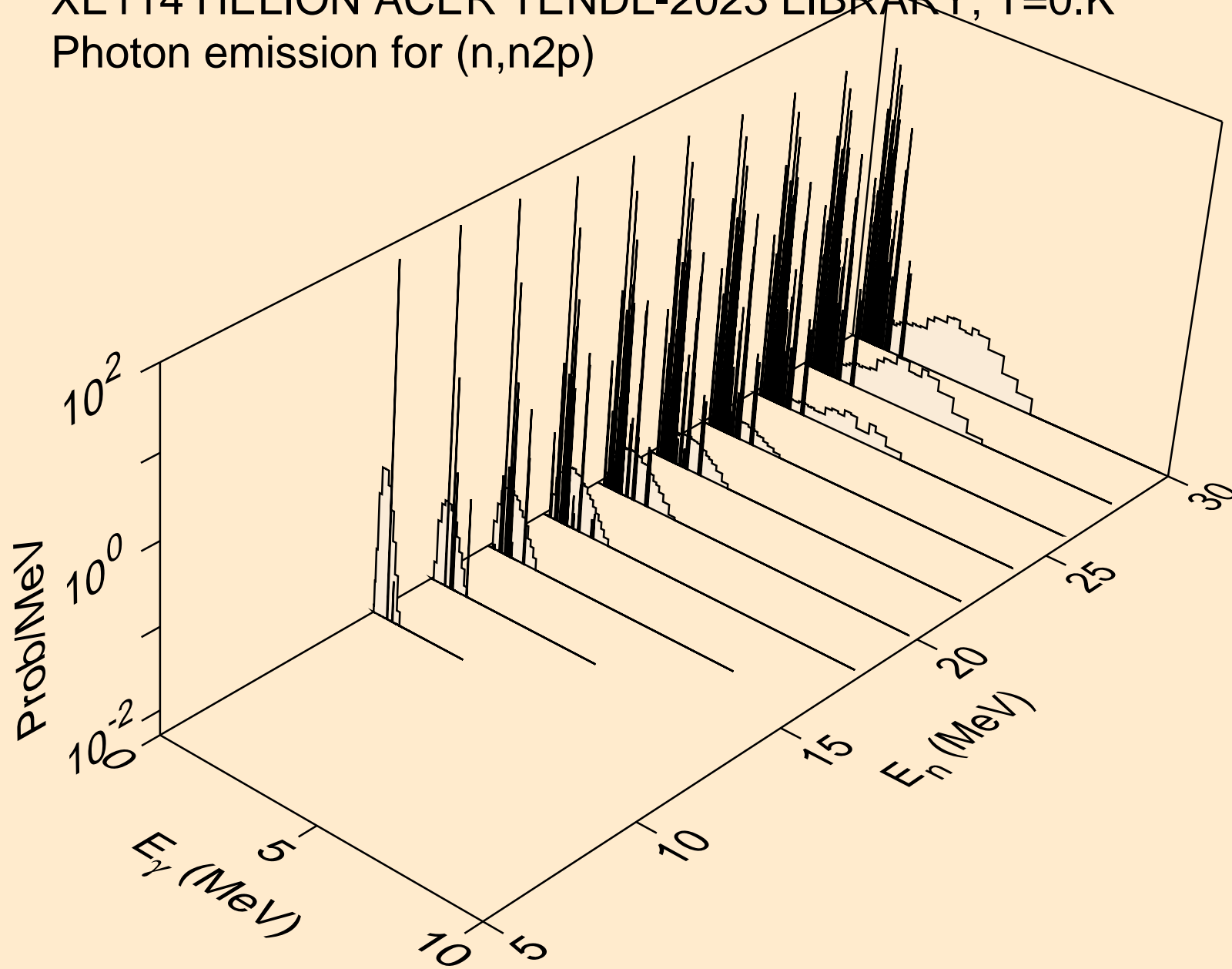
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



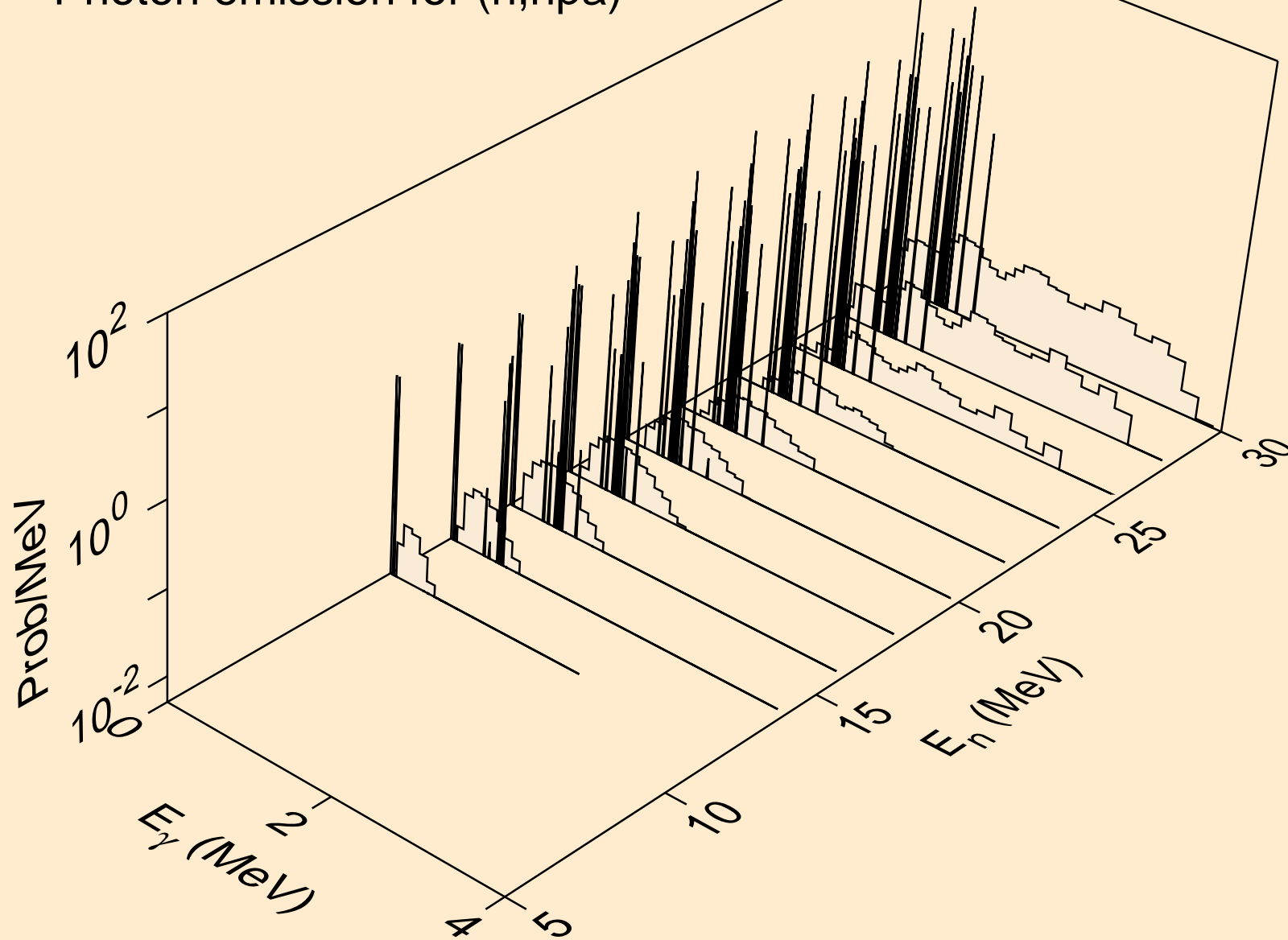
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Photon emission for (n,2np)



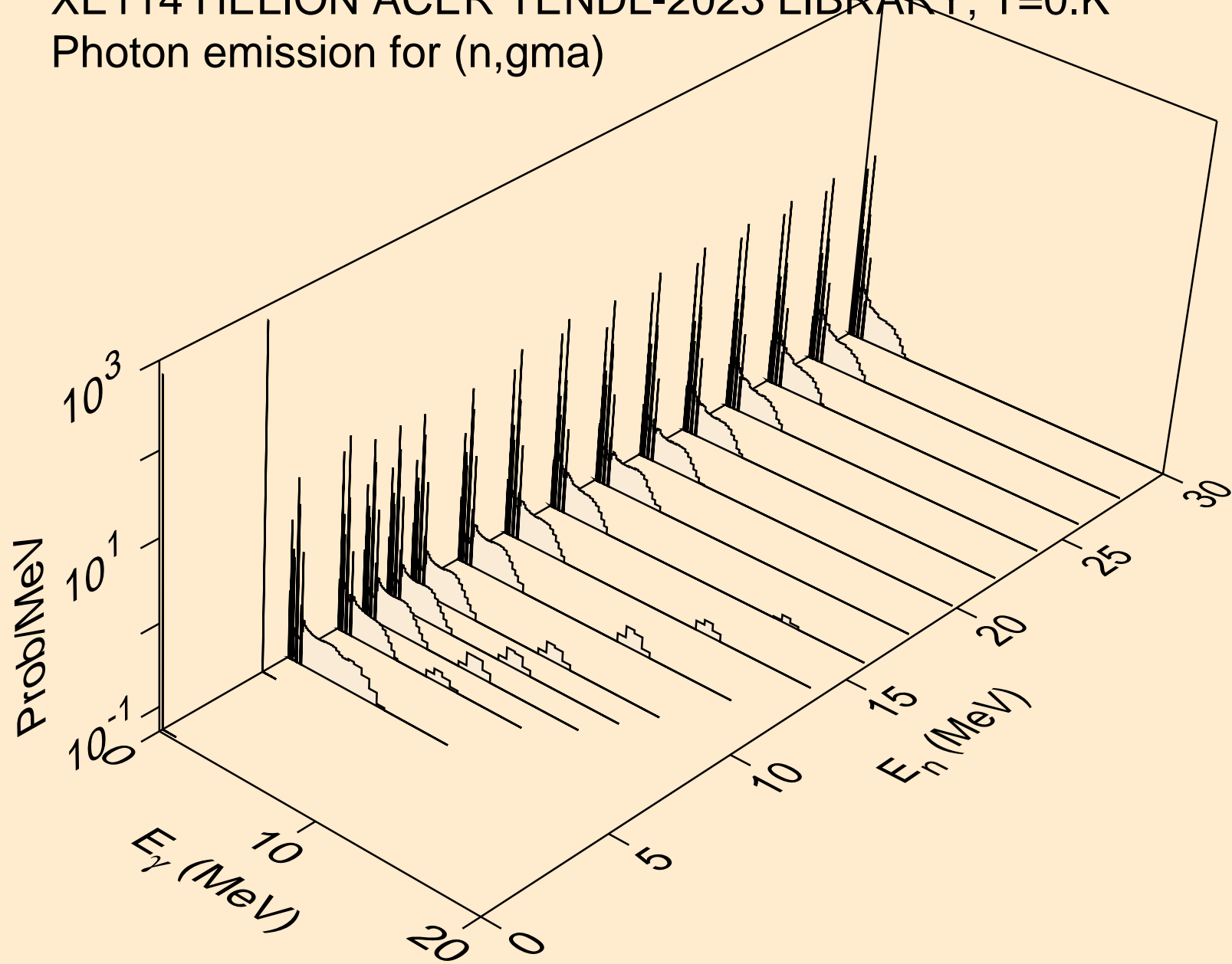
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Photon emission for (n,n2p)



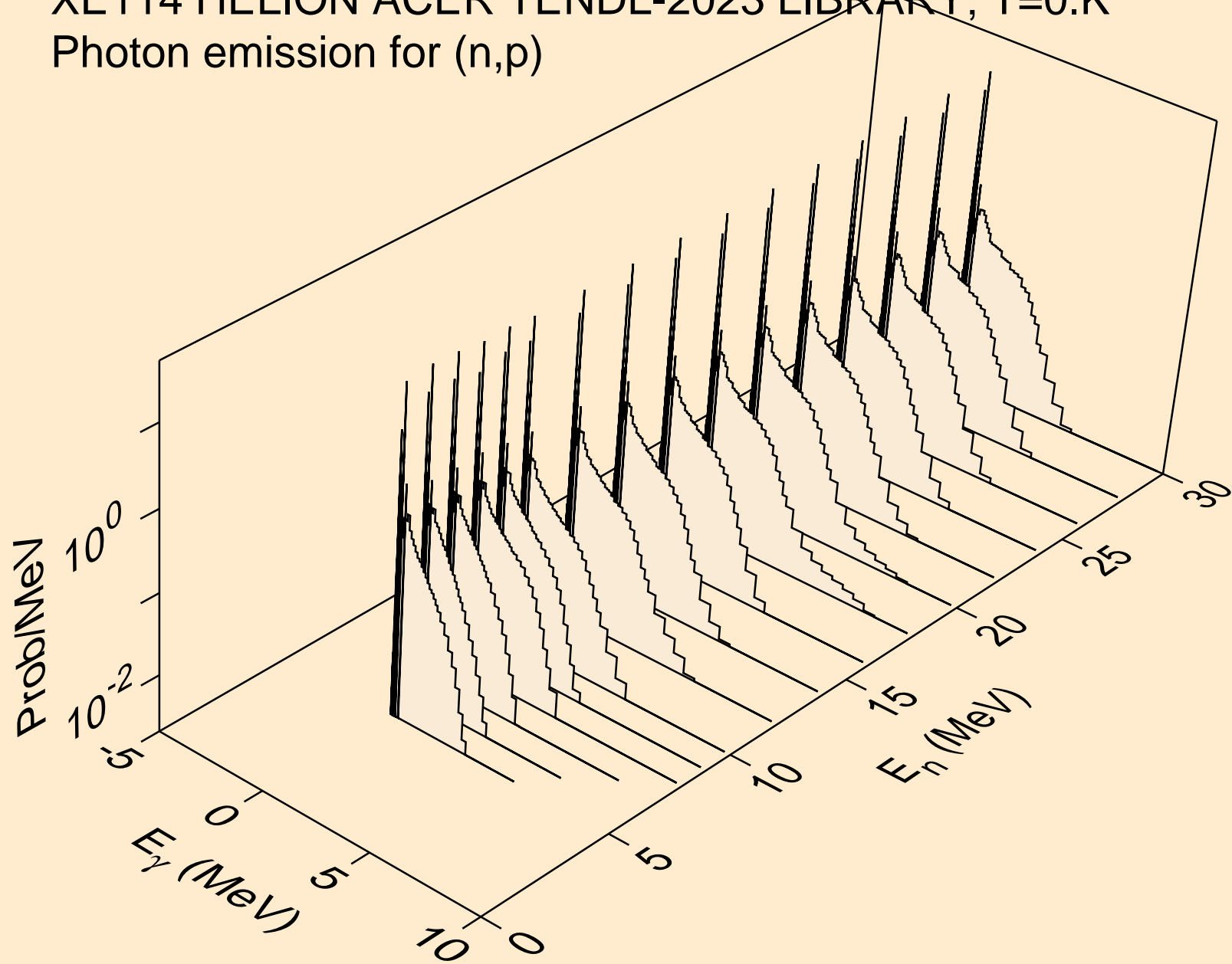
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

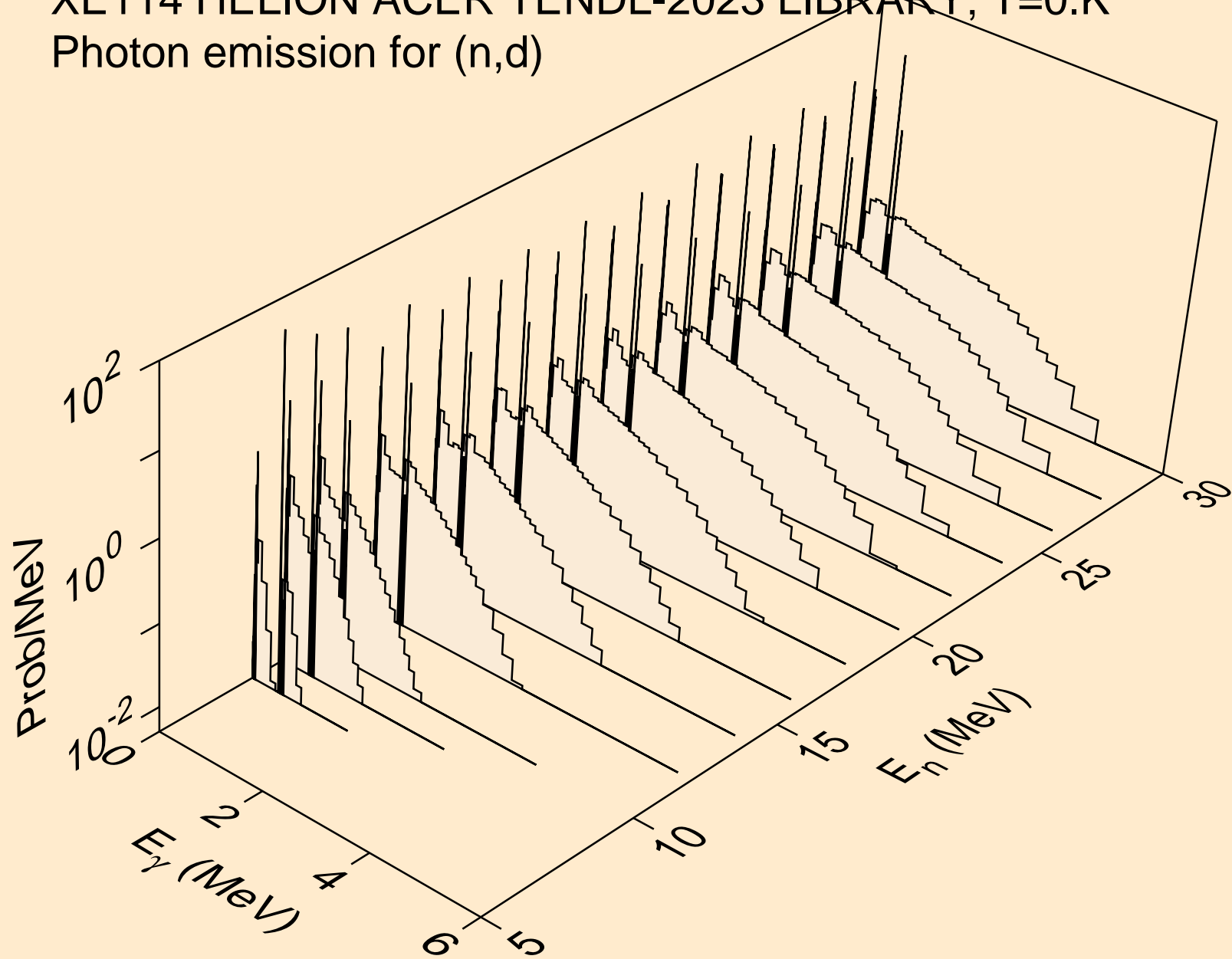


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Photon emission for (n,p)

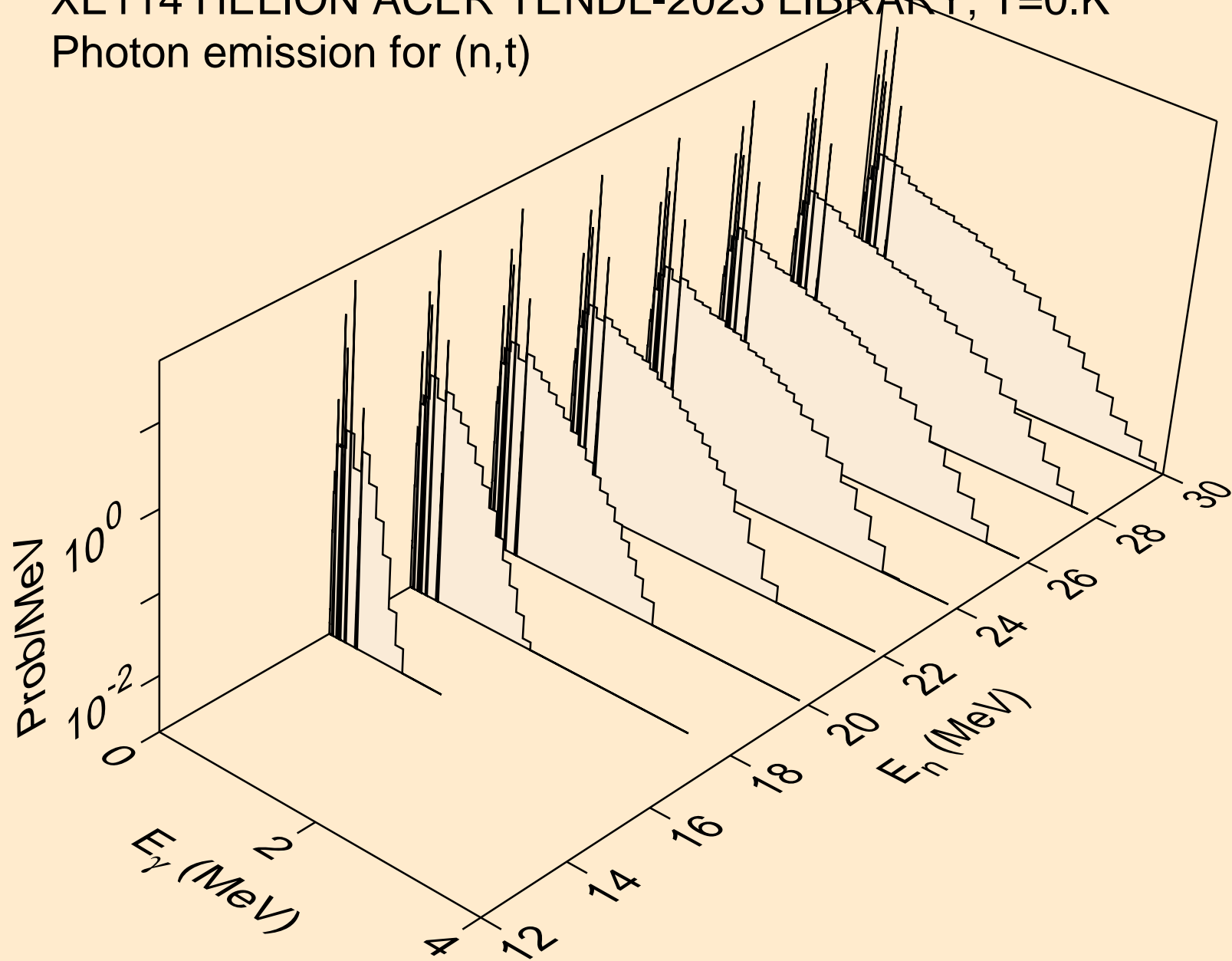




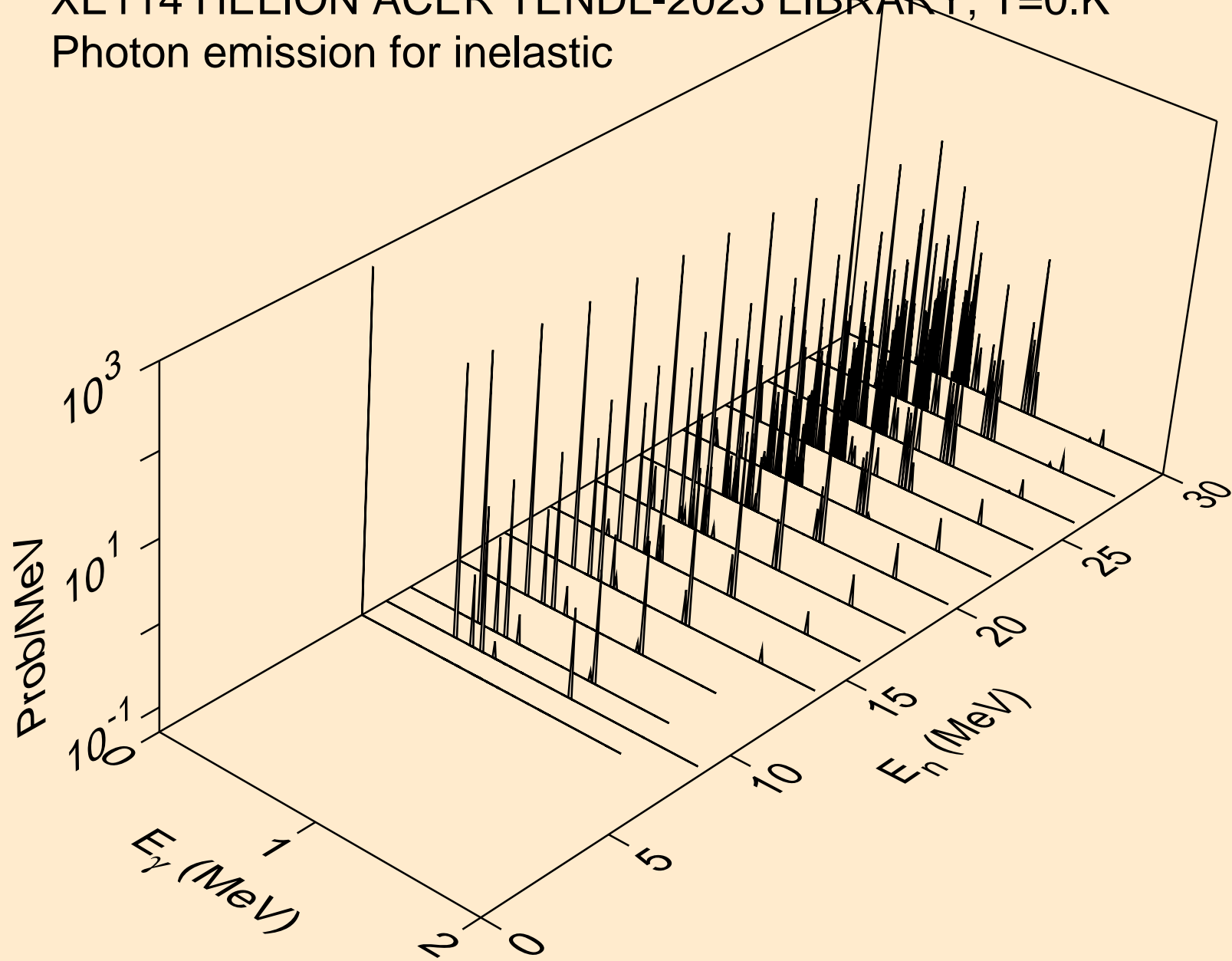
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Photon emission for (n,d)



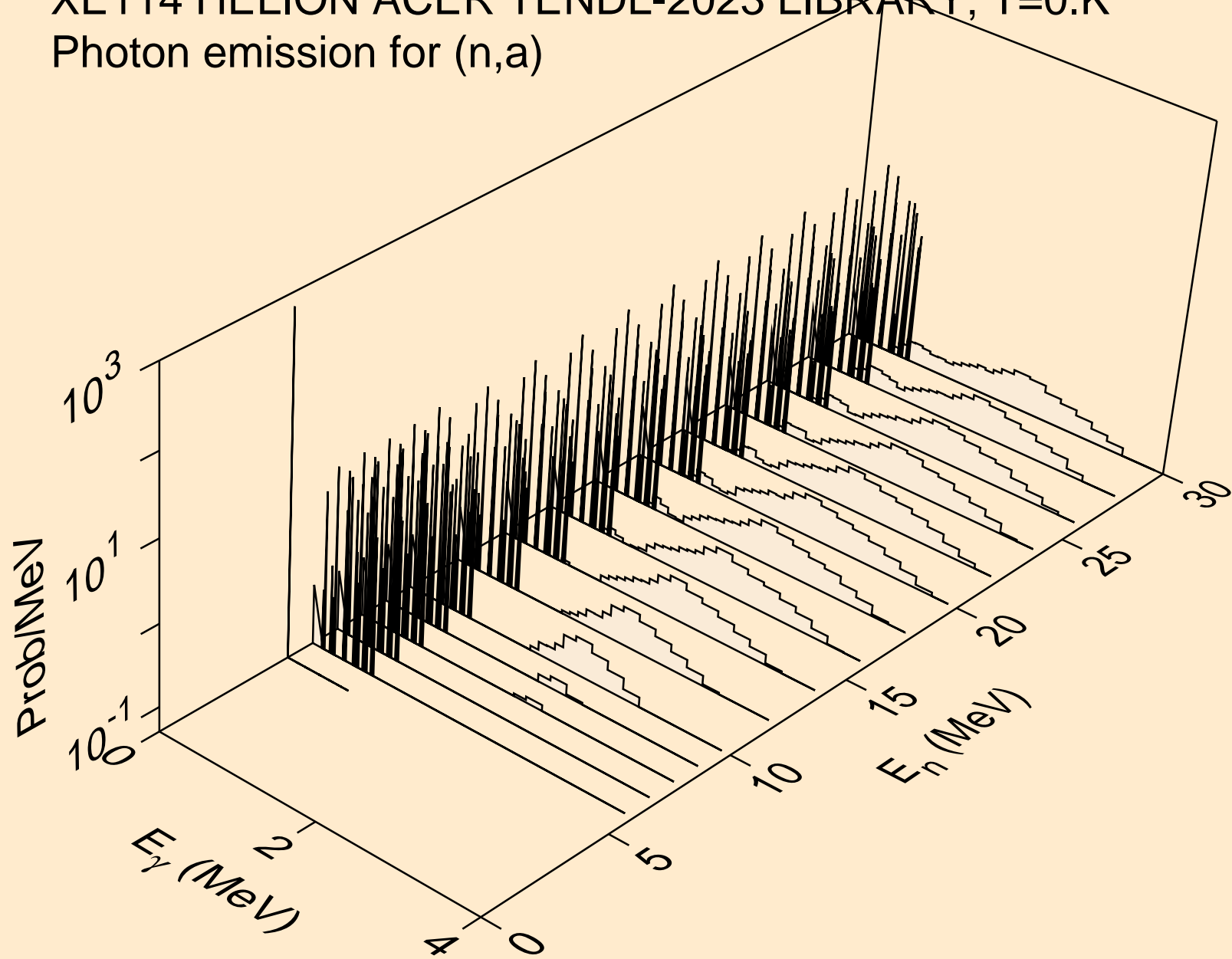
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Photon emission for (n,t)



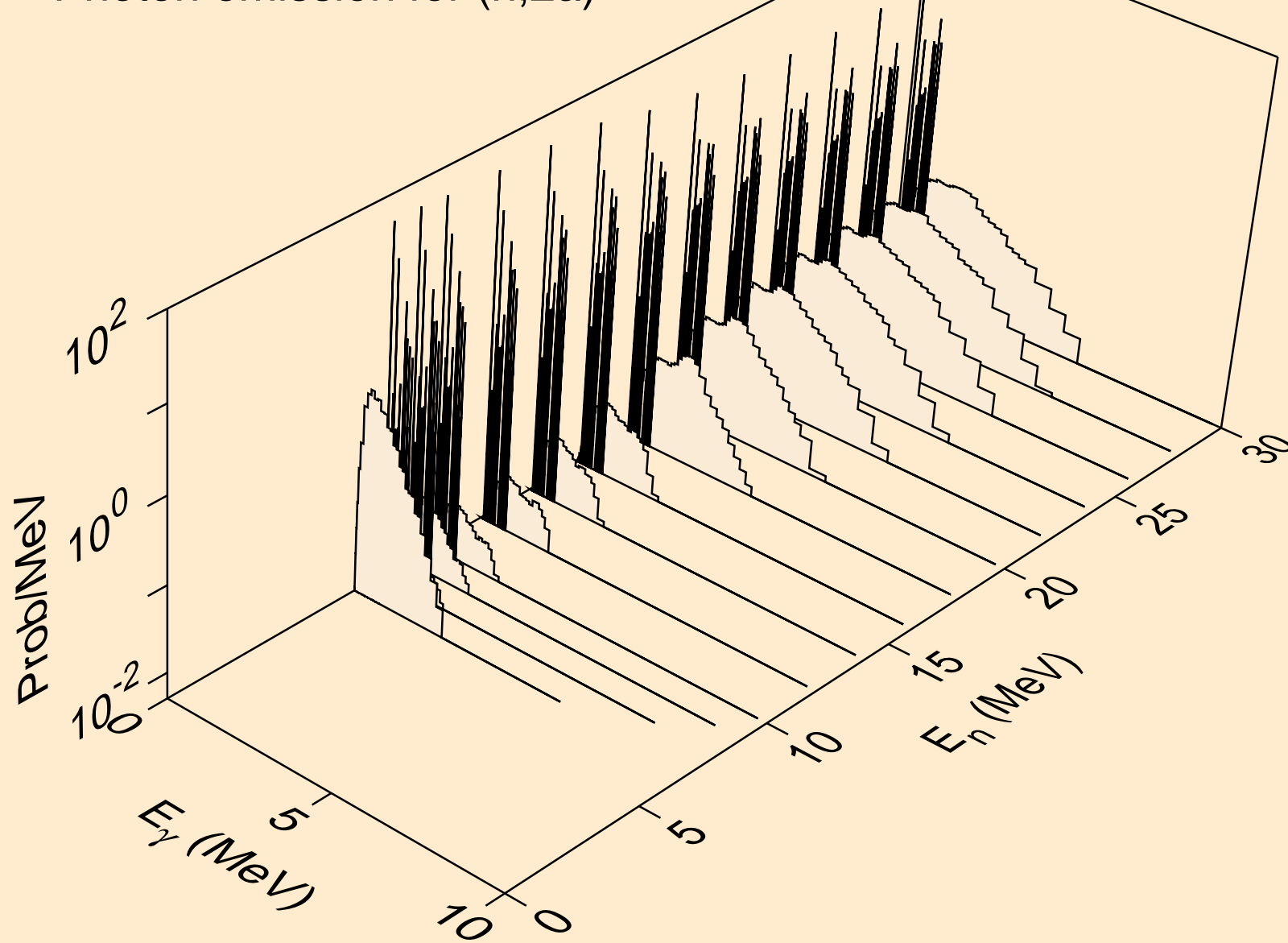
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Photon emission for inelastic



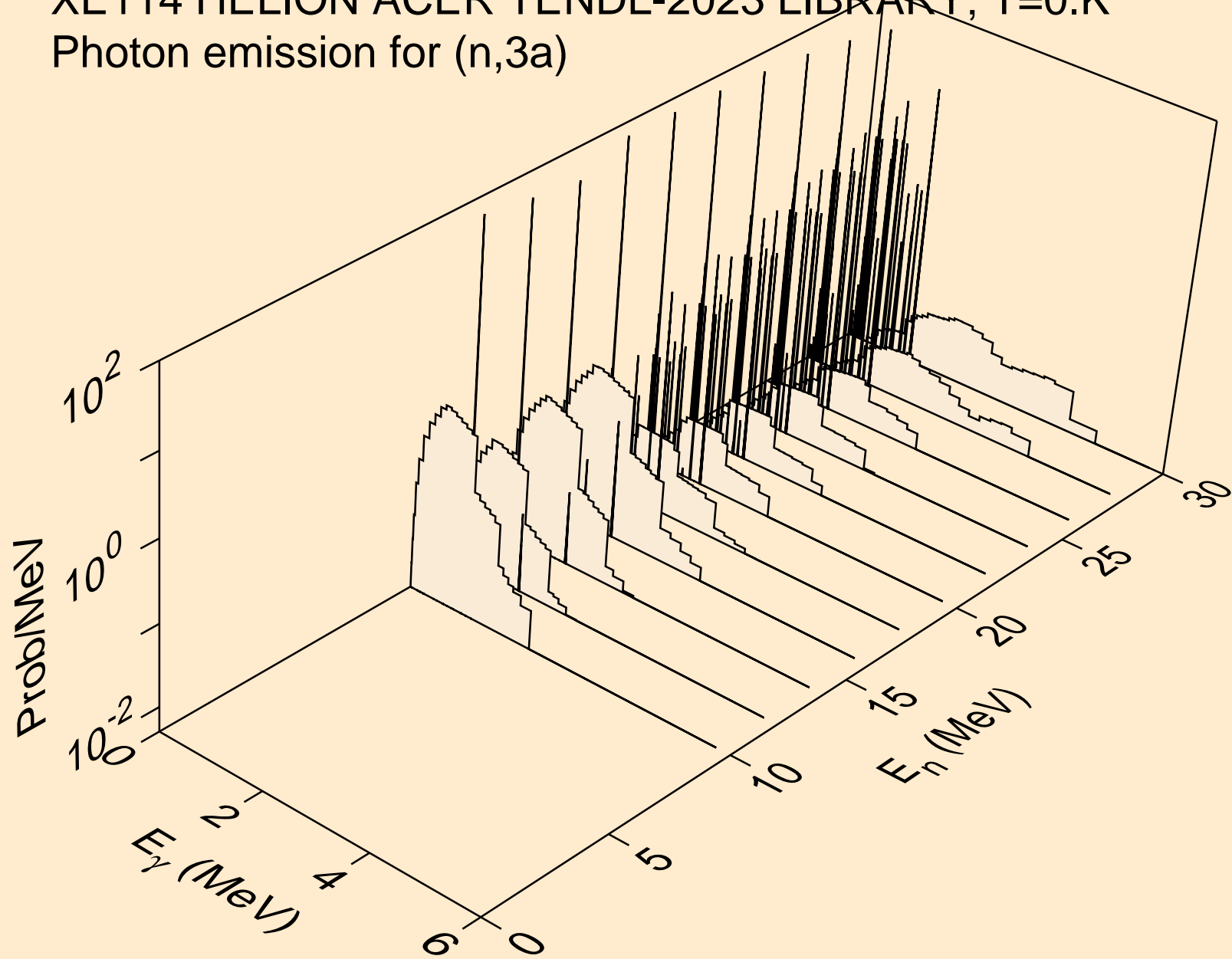
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Photon emission for (n,a)



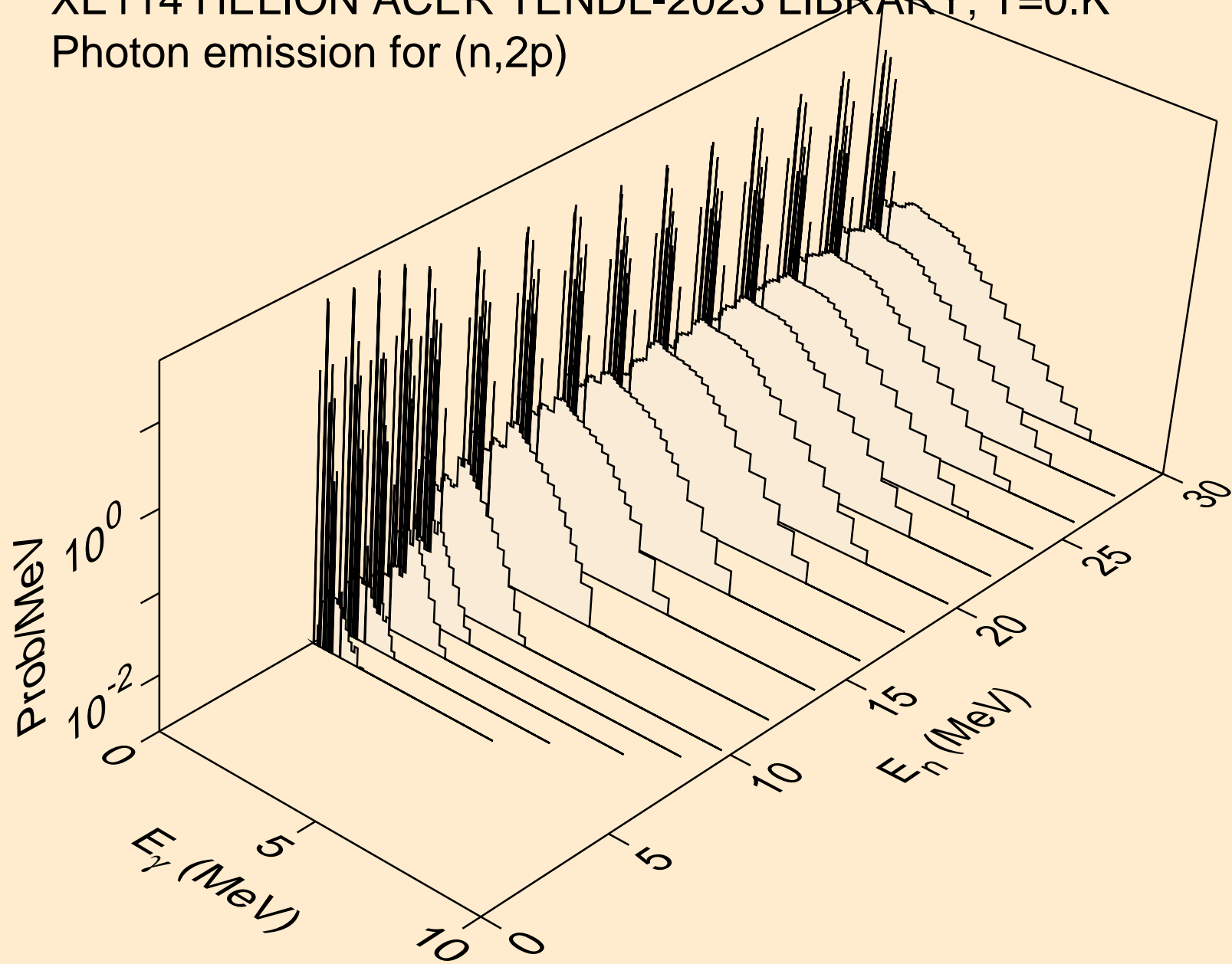
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Photon emission for (n,2a)



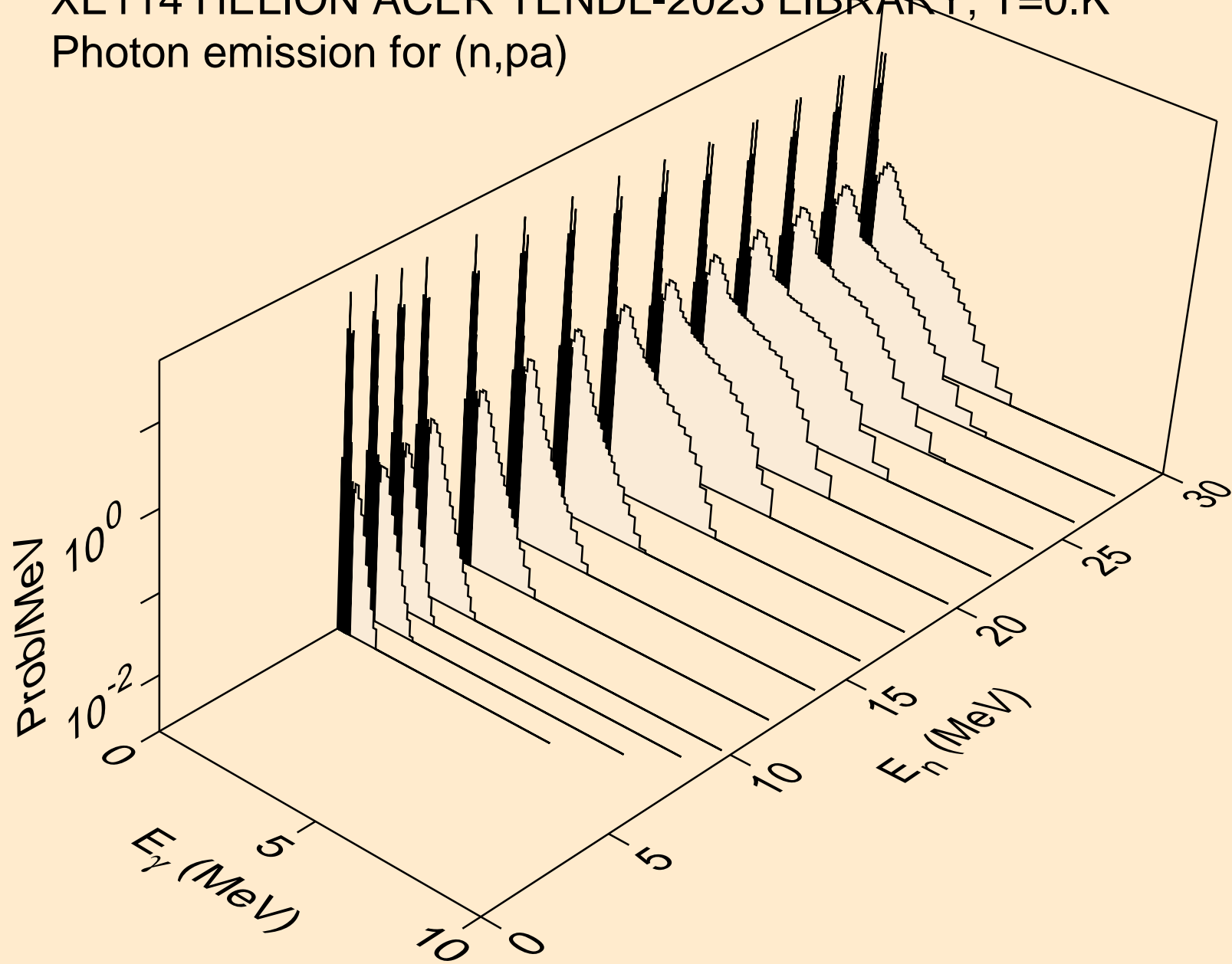
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

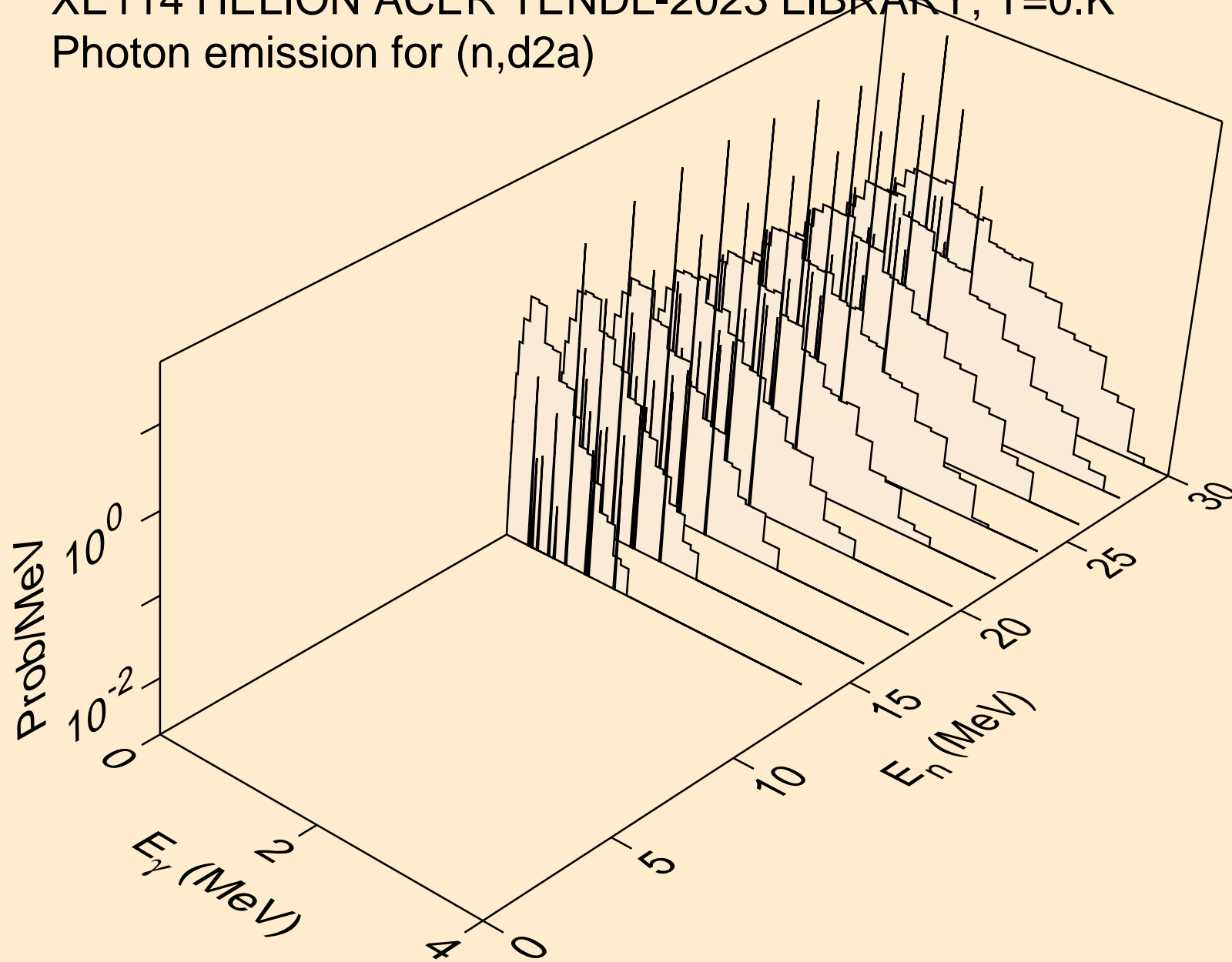


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Photon emission for (n,pa)

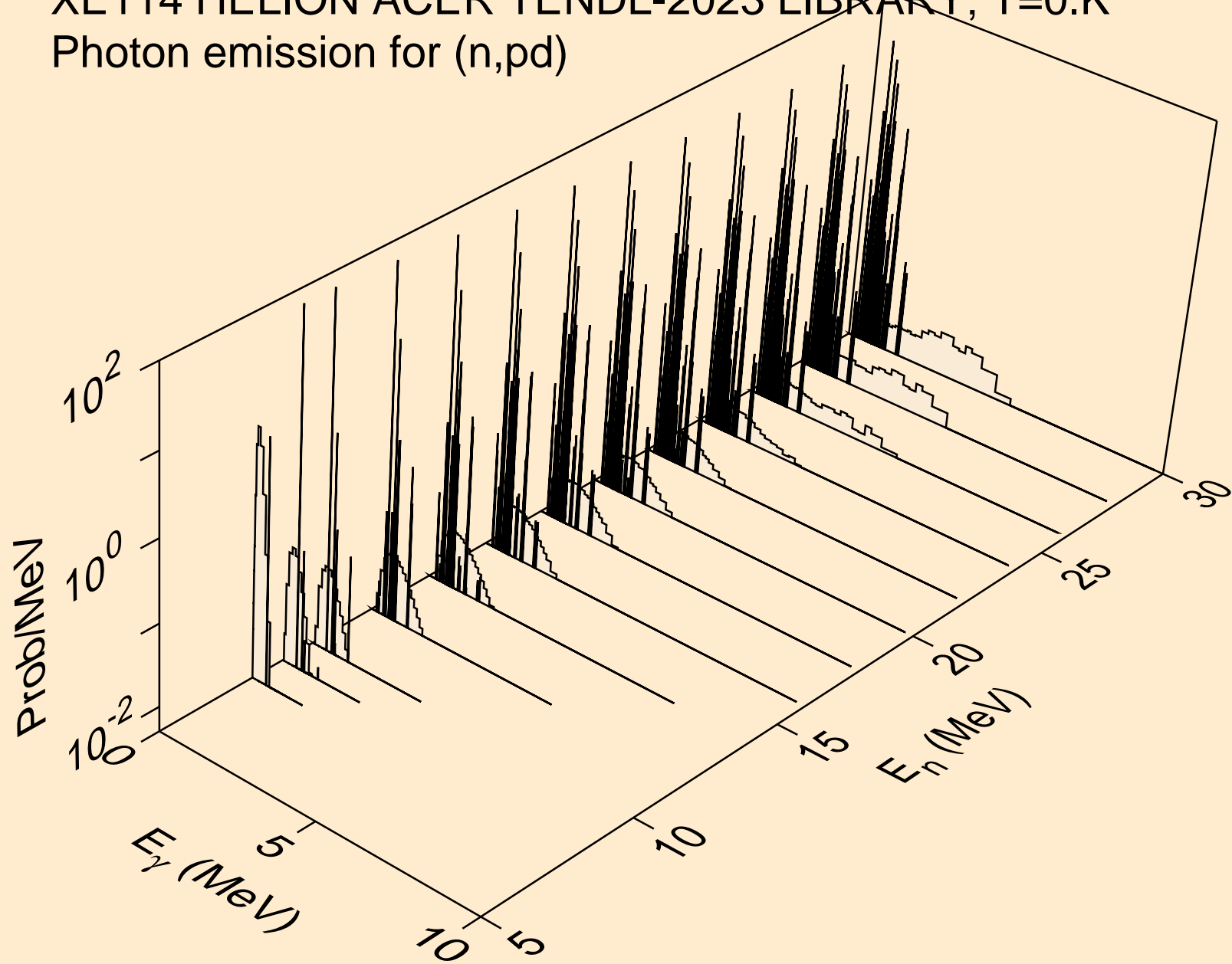




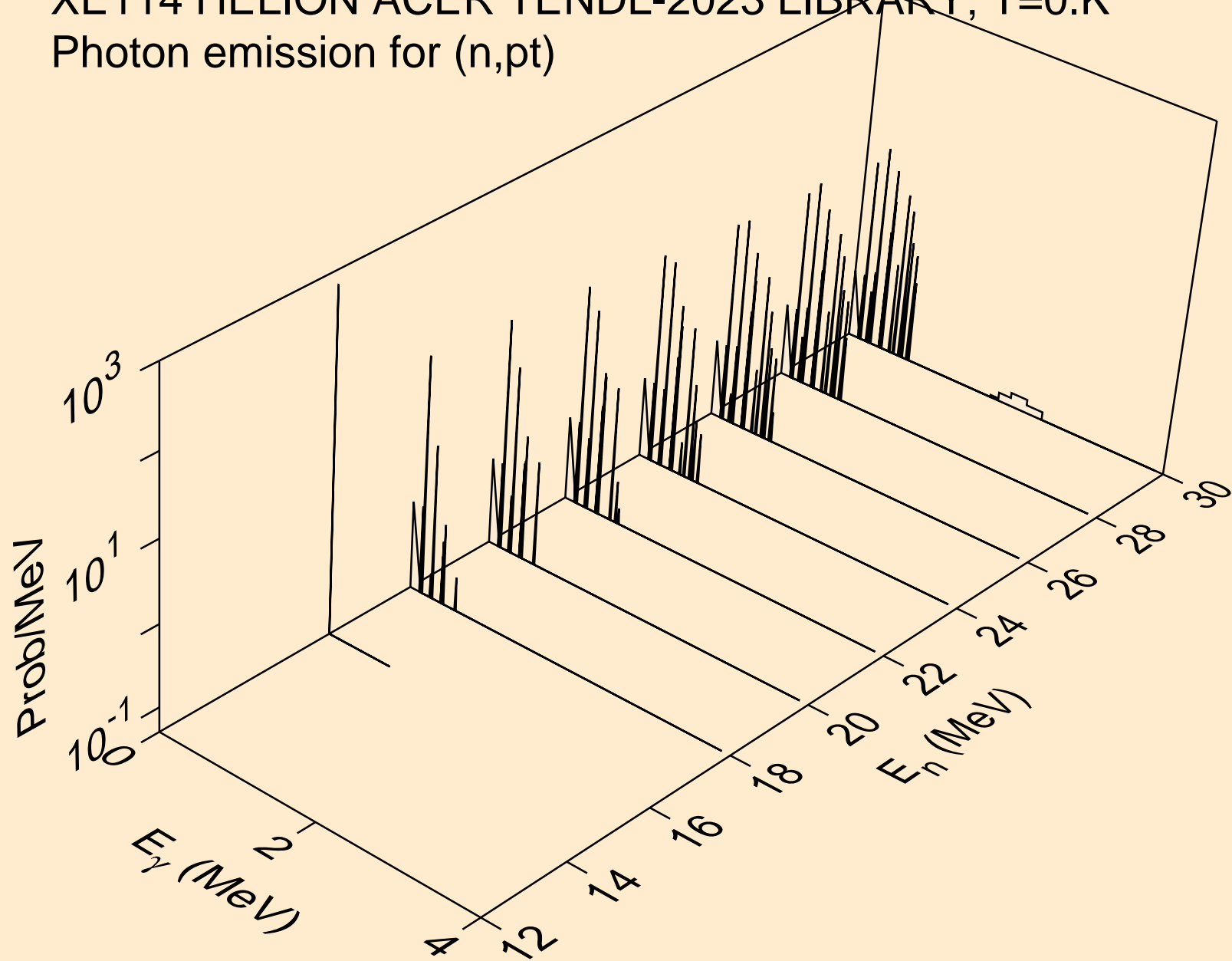
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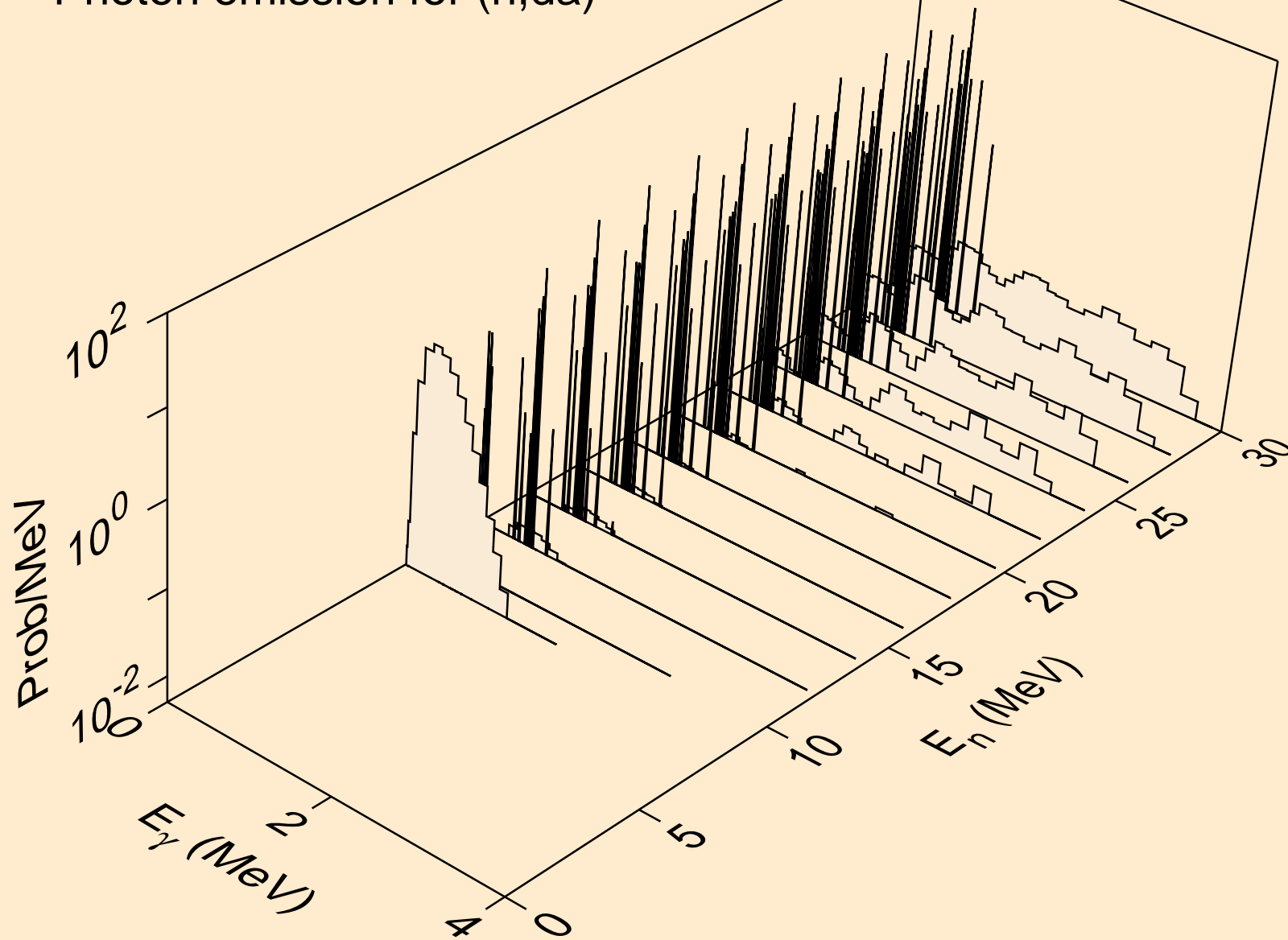
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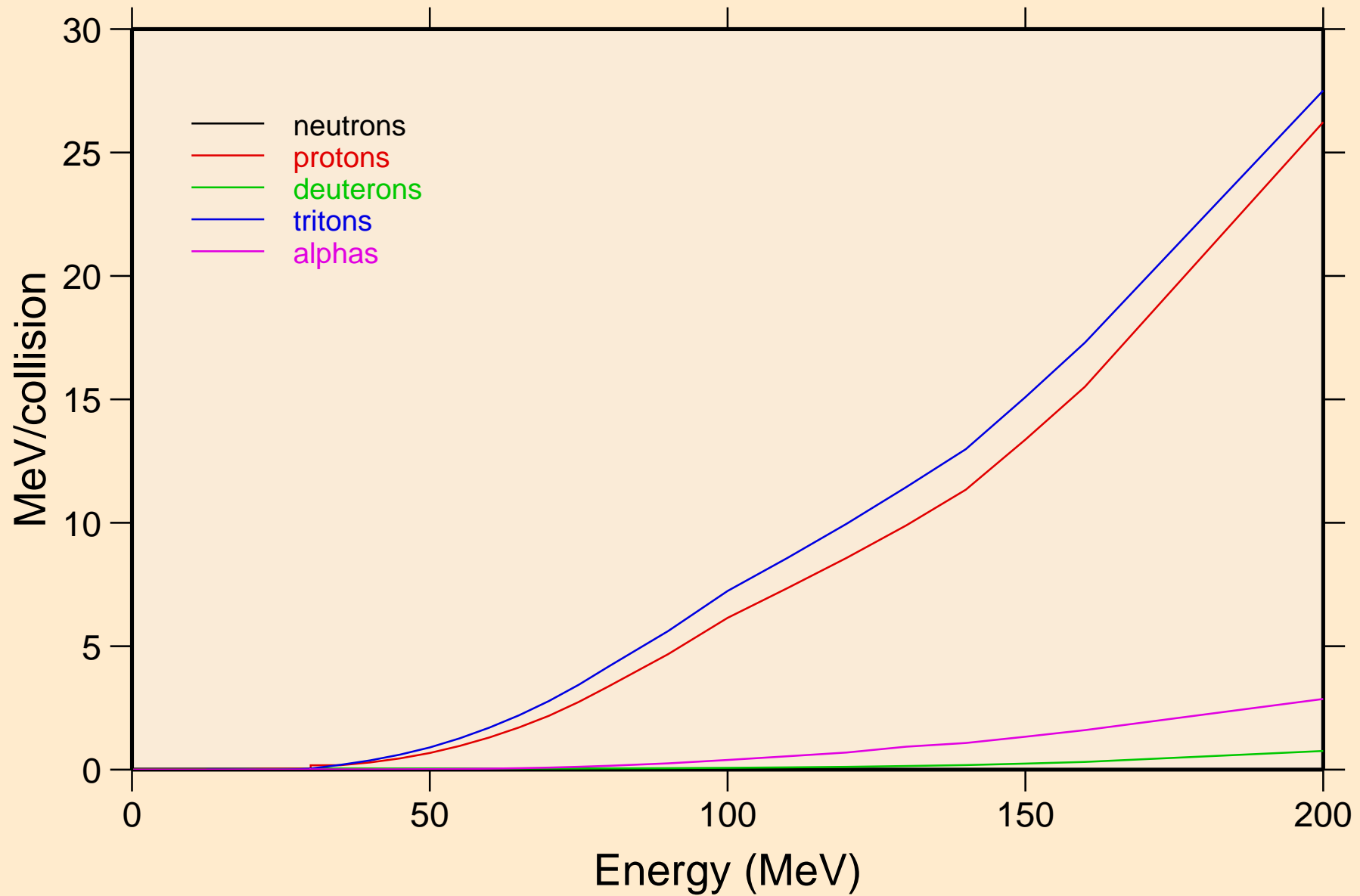
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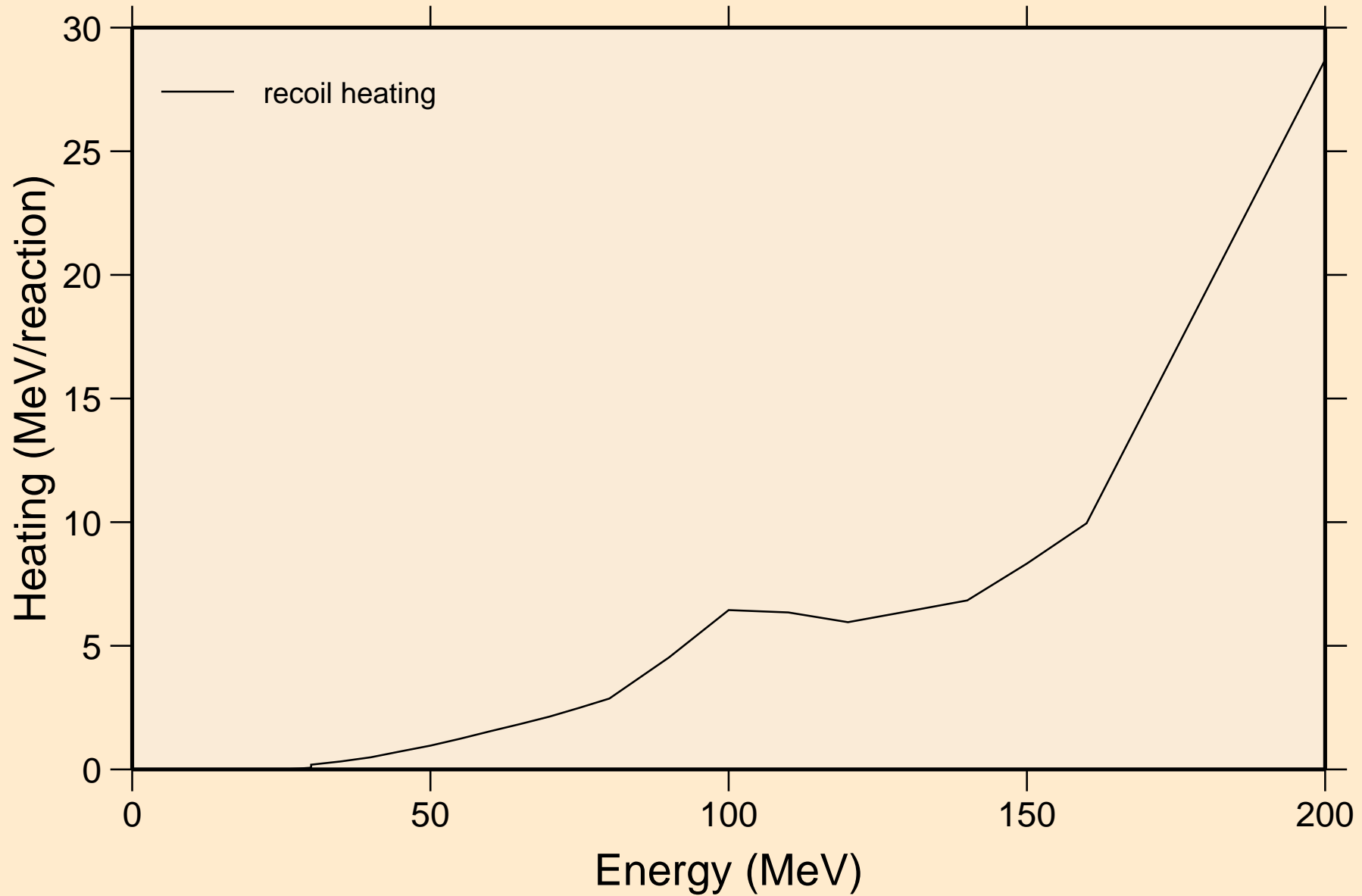
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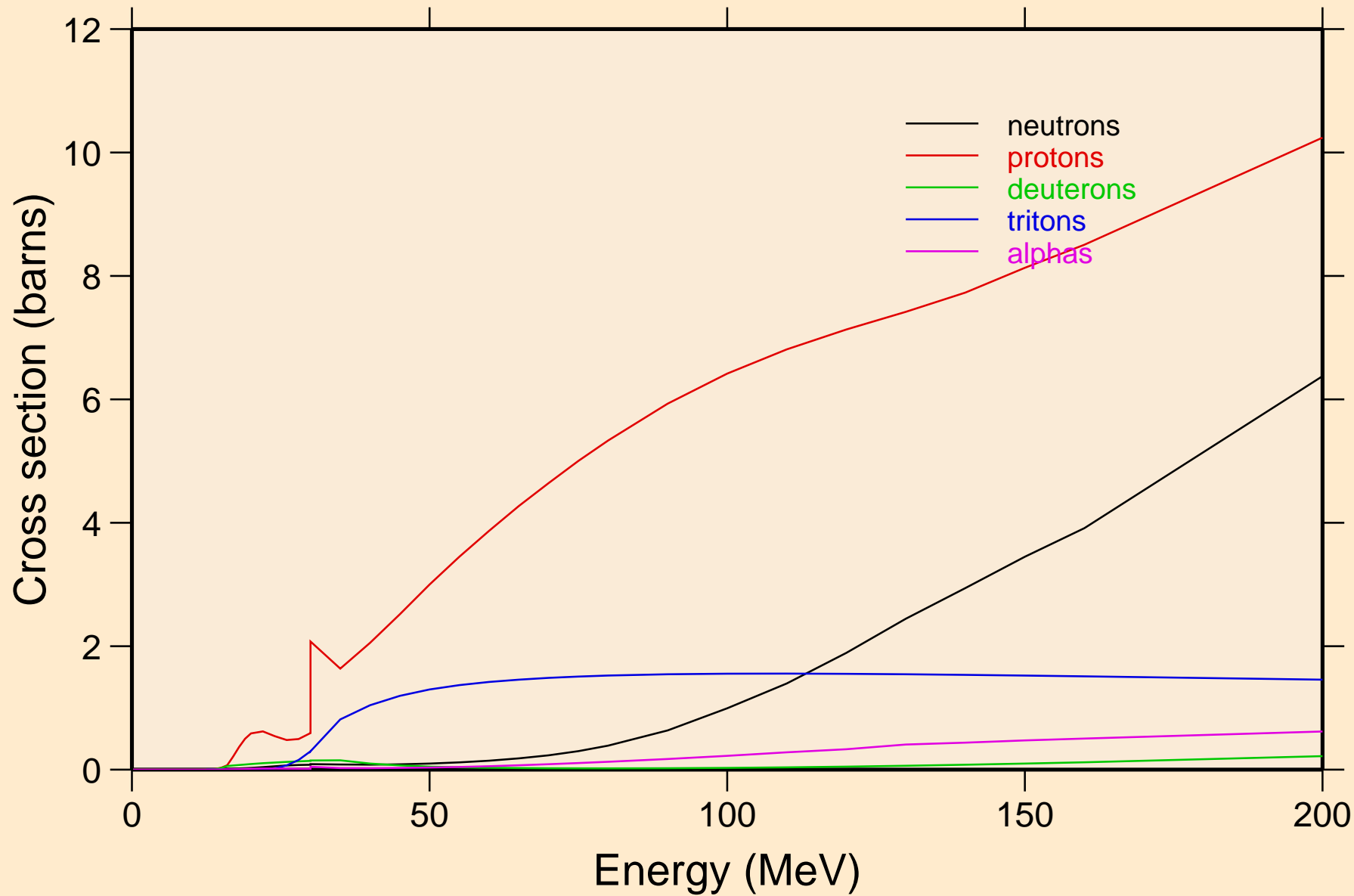
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Particle heating contributions



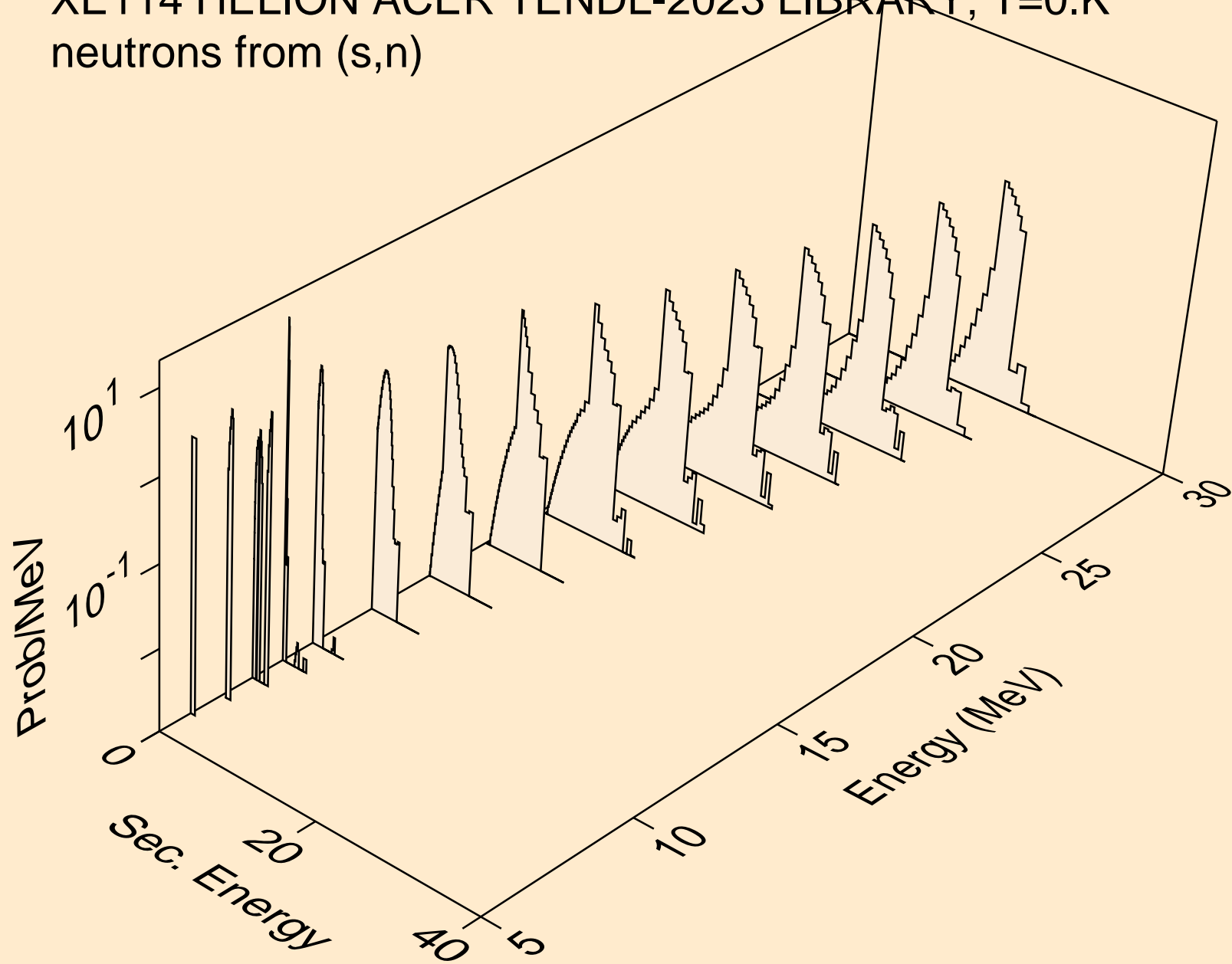
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

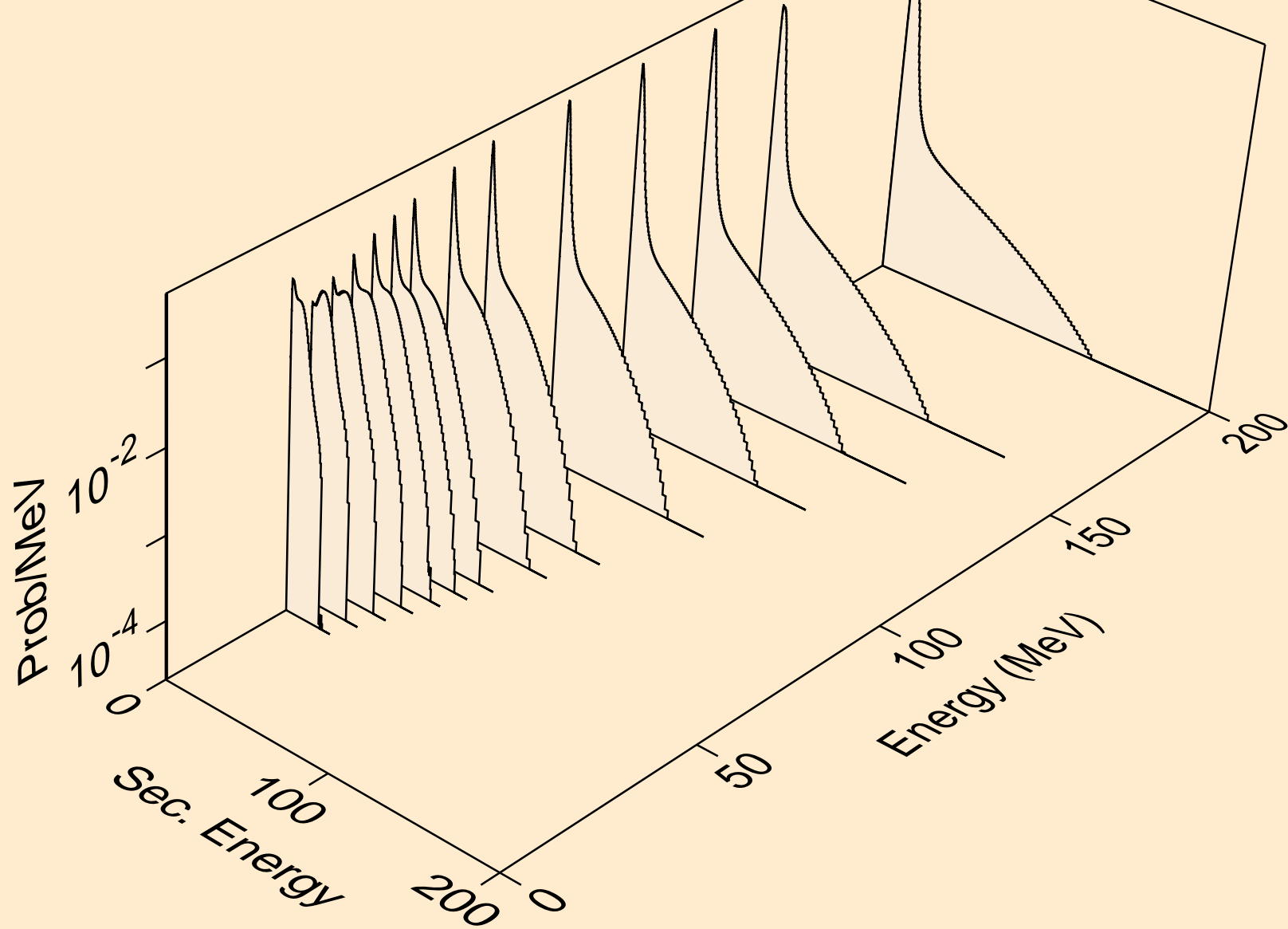


XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)

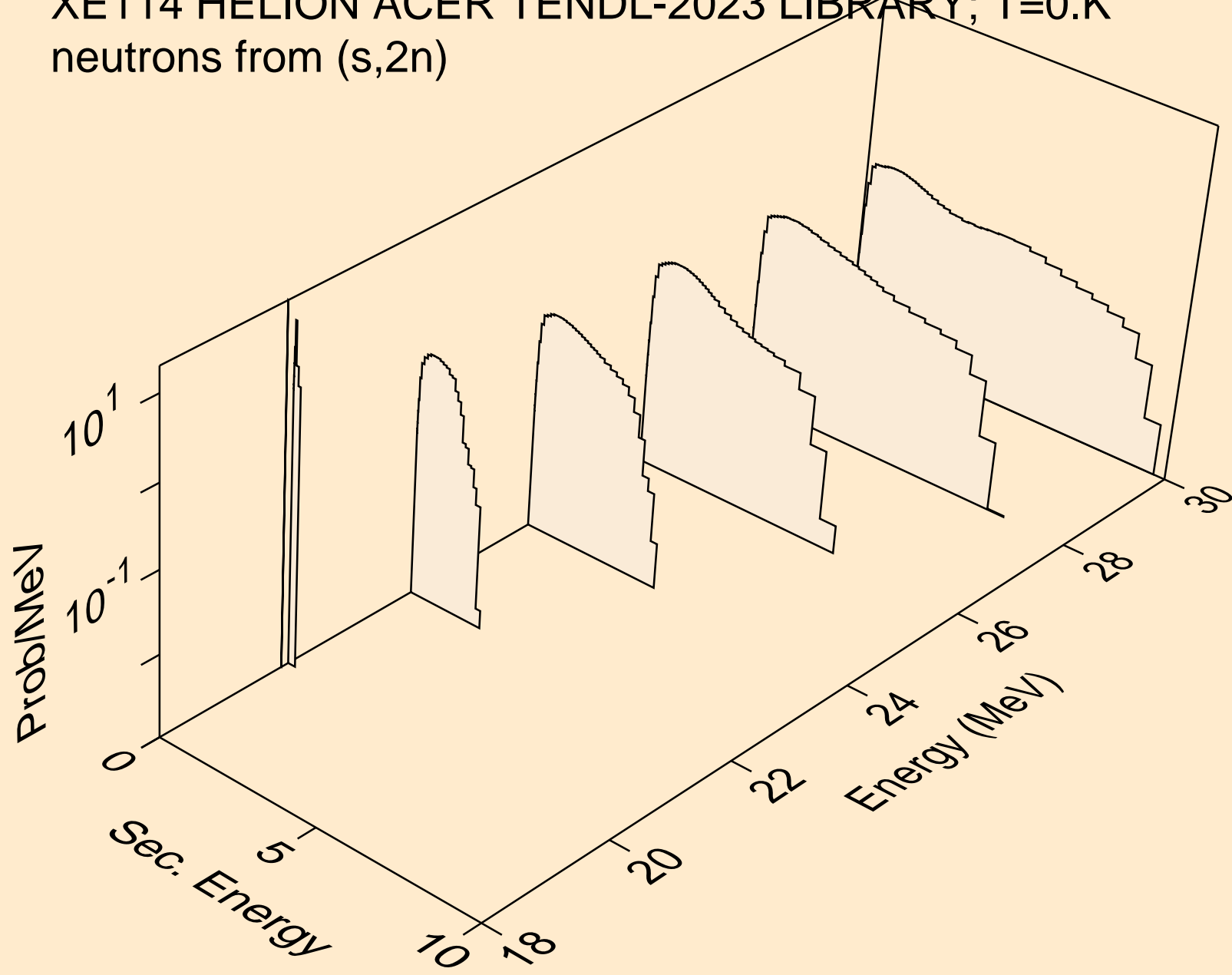




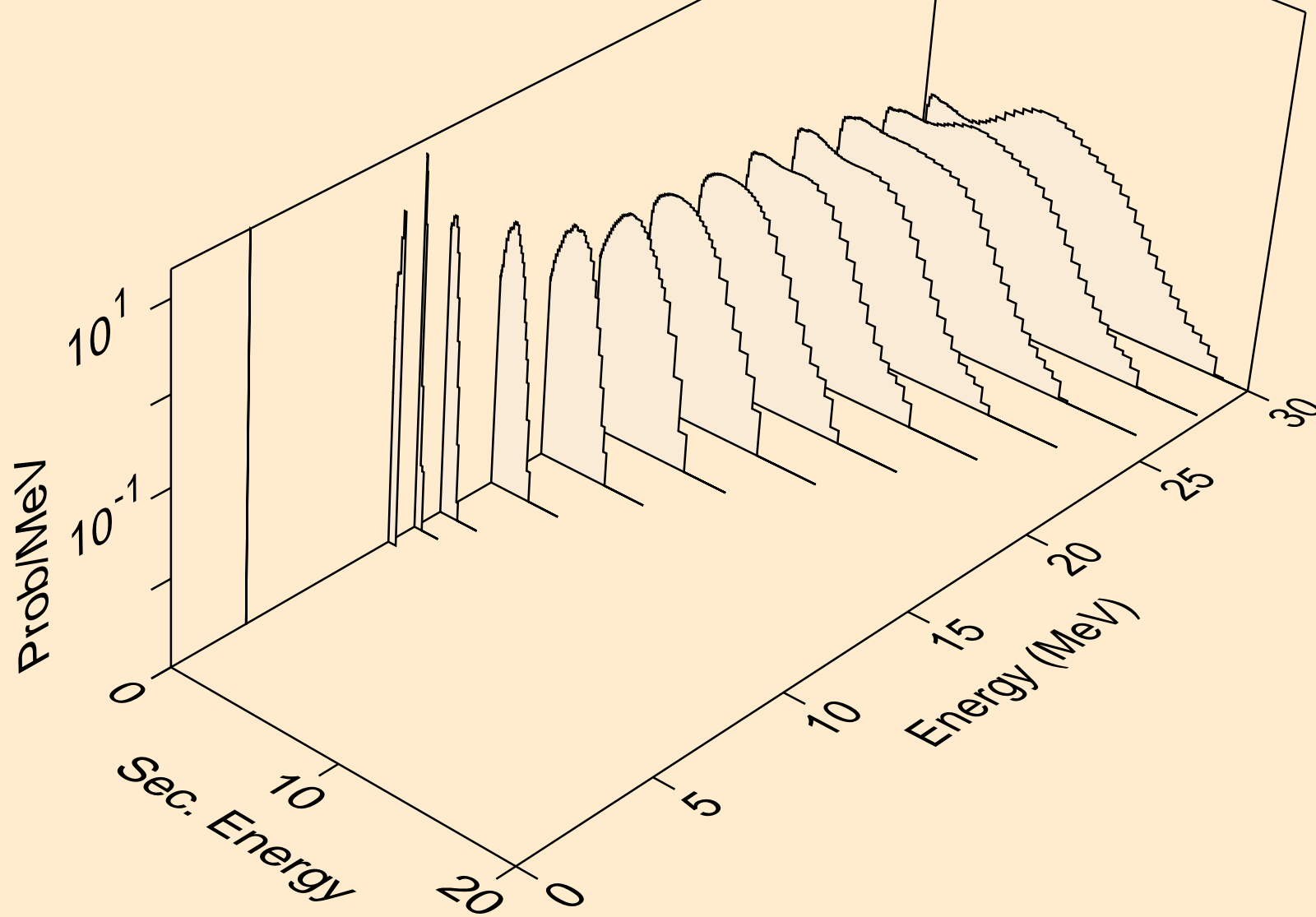
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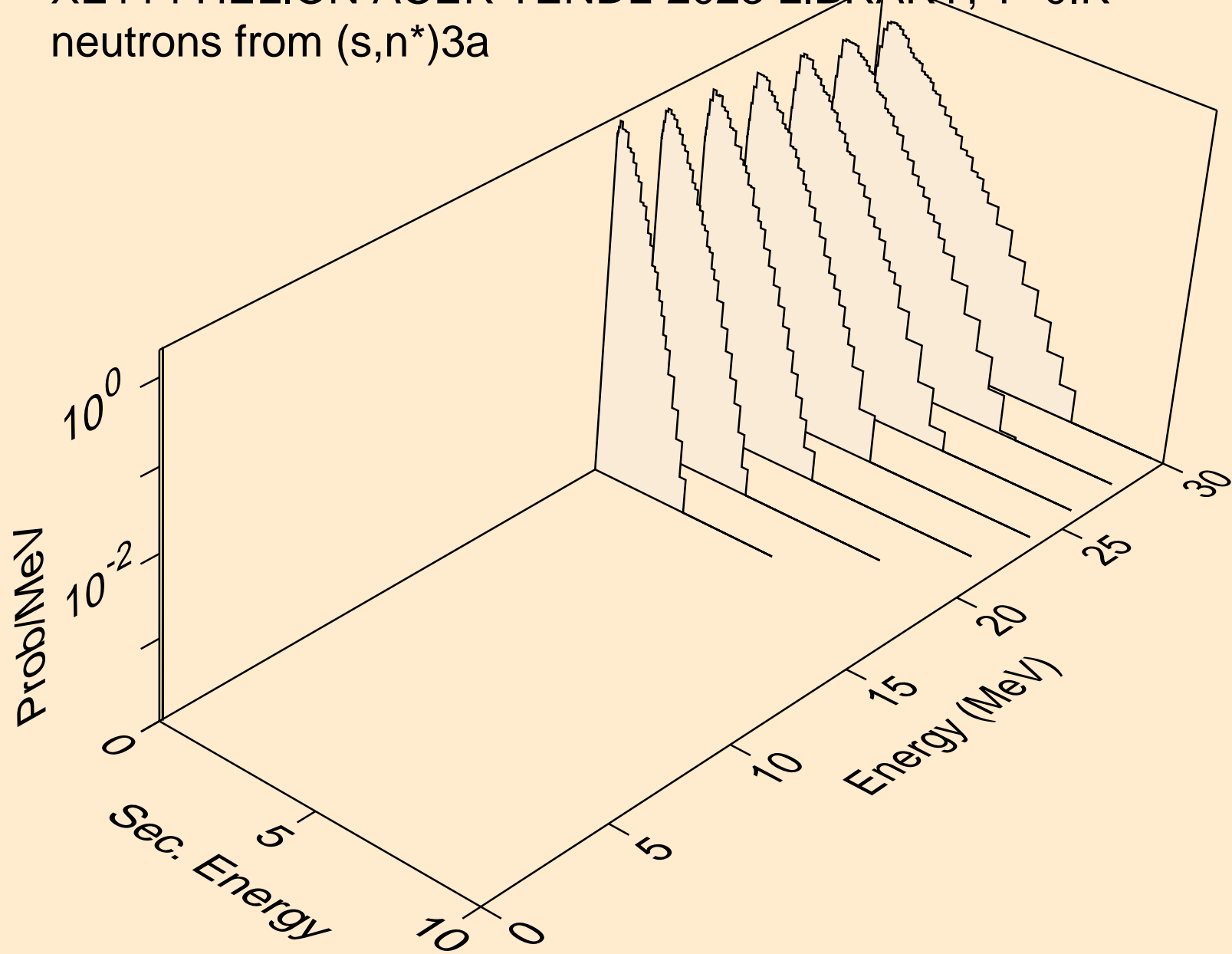
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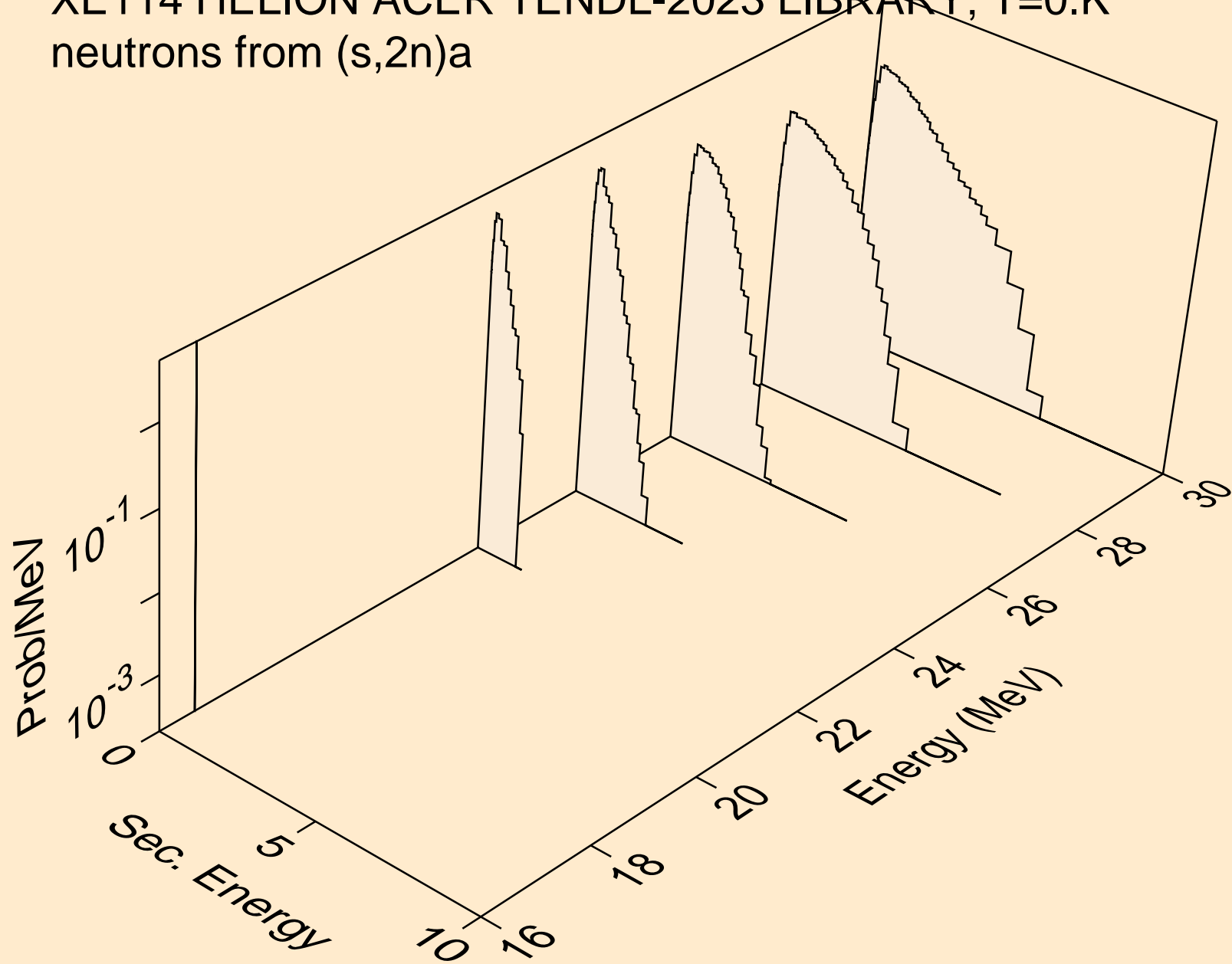
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neutrons from (s,n\*)a



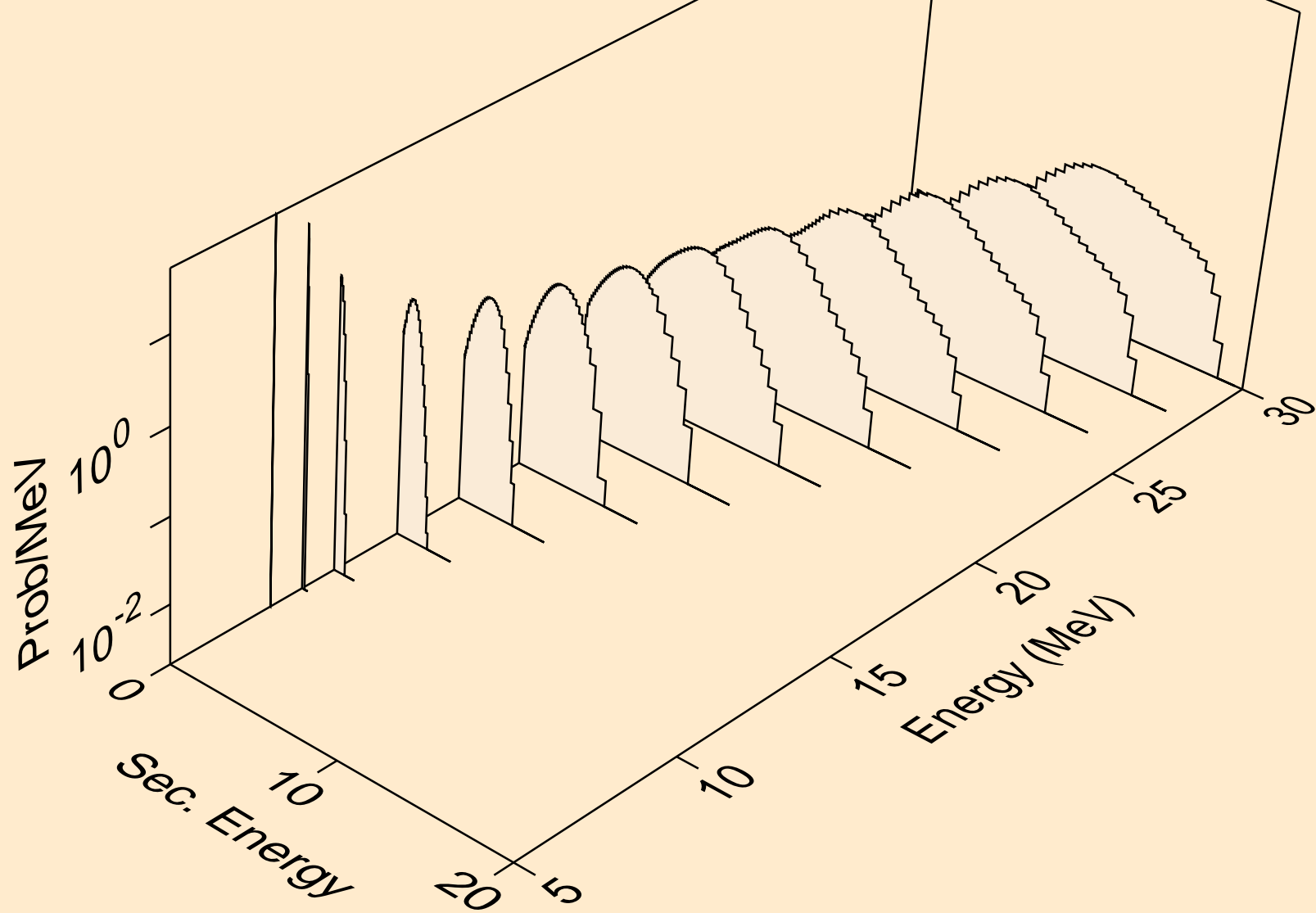
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neutrons from (s,n\*)3a



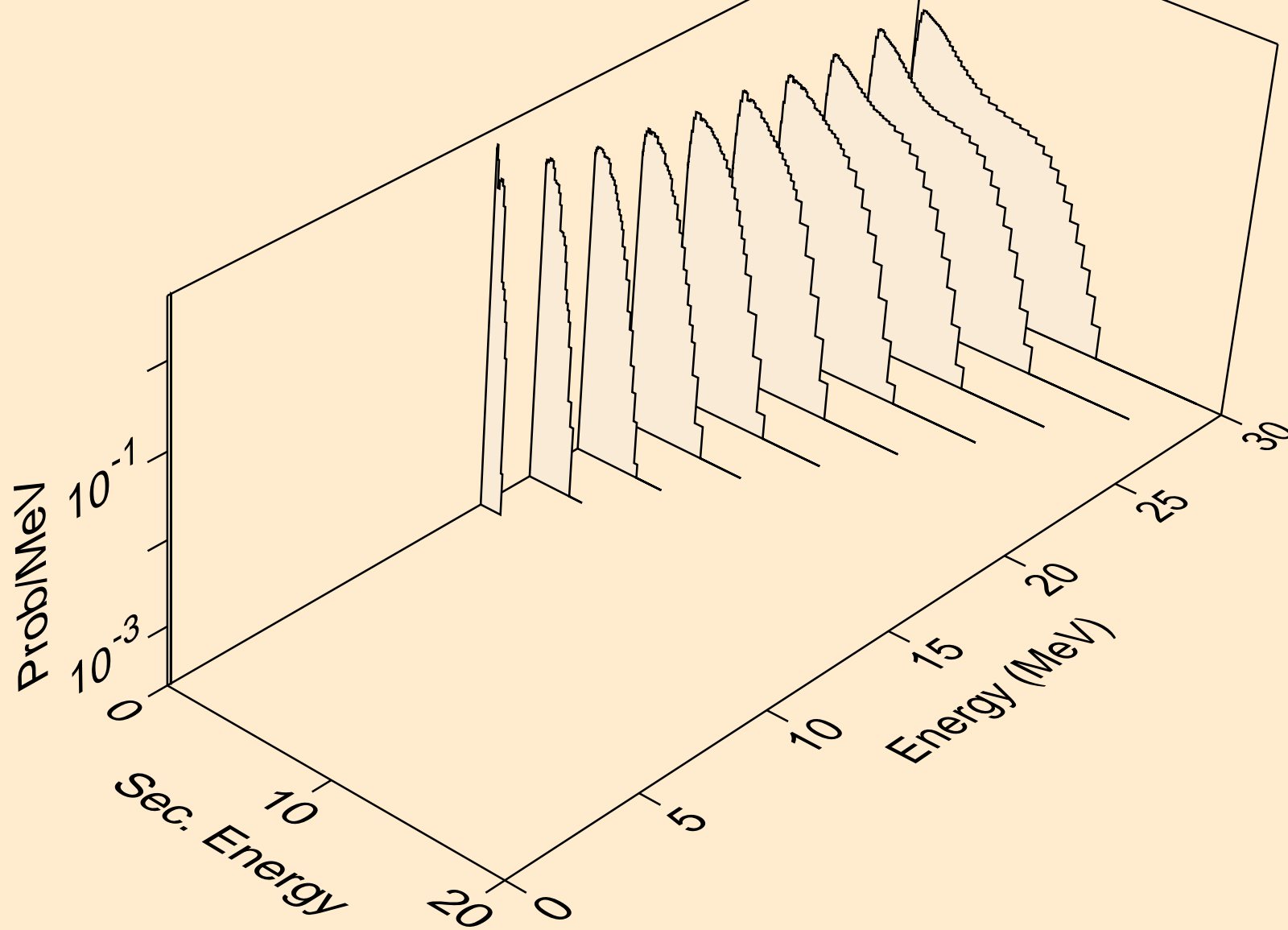
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neutrons from (s,2n)a



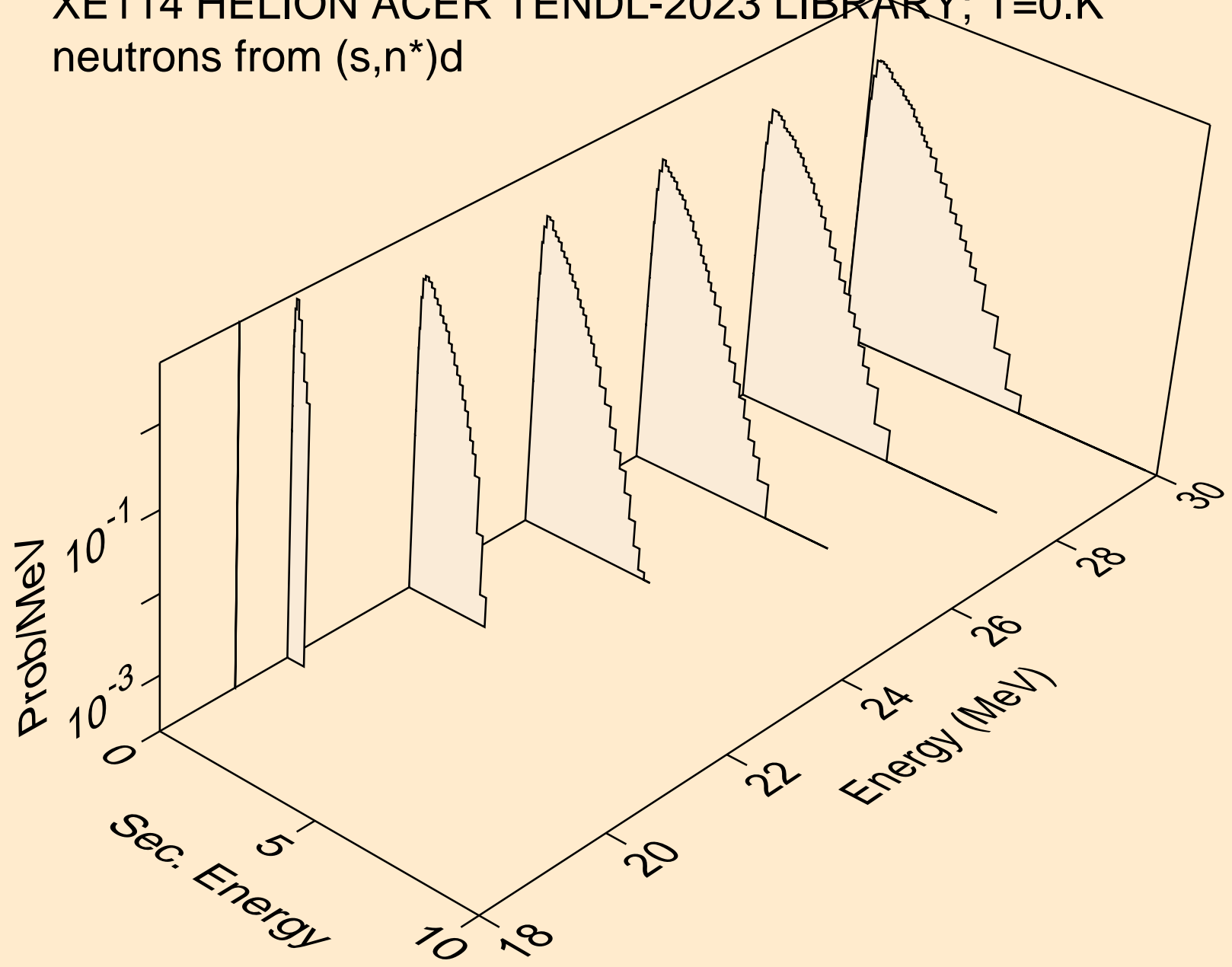
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



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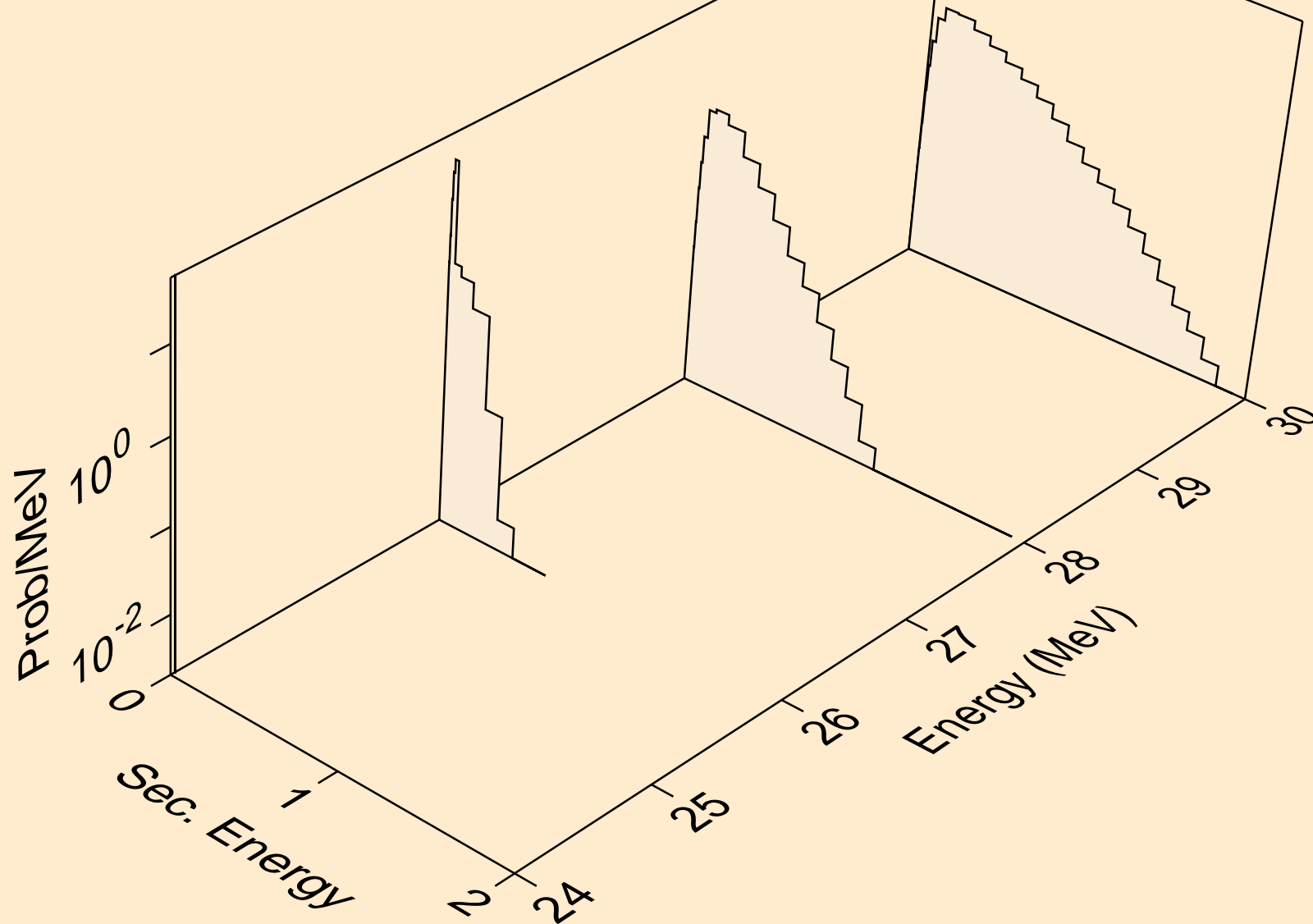


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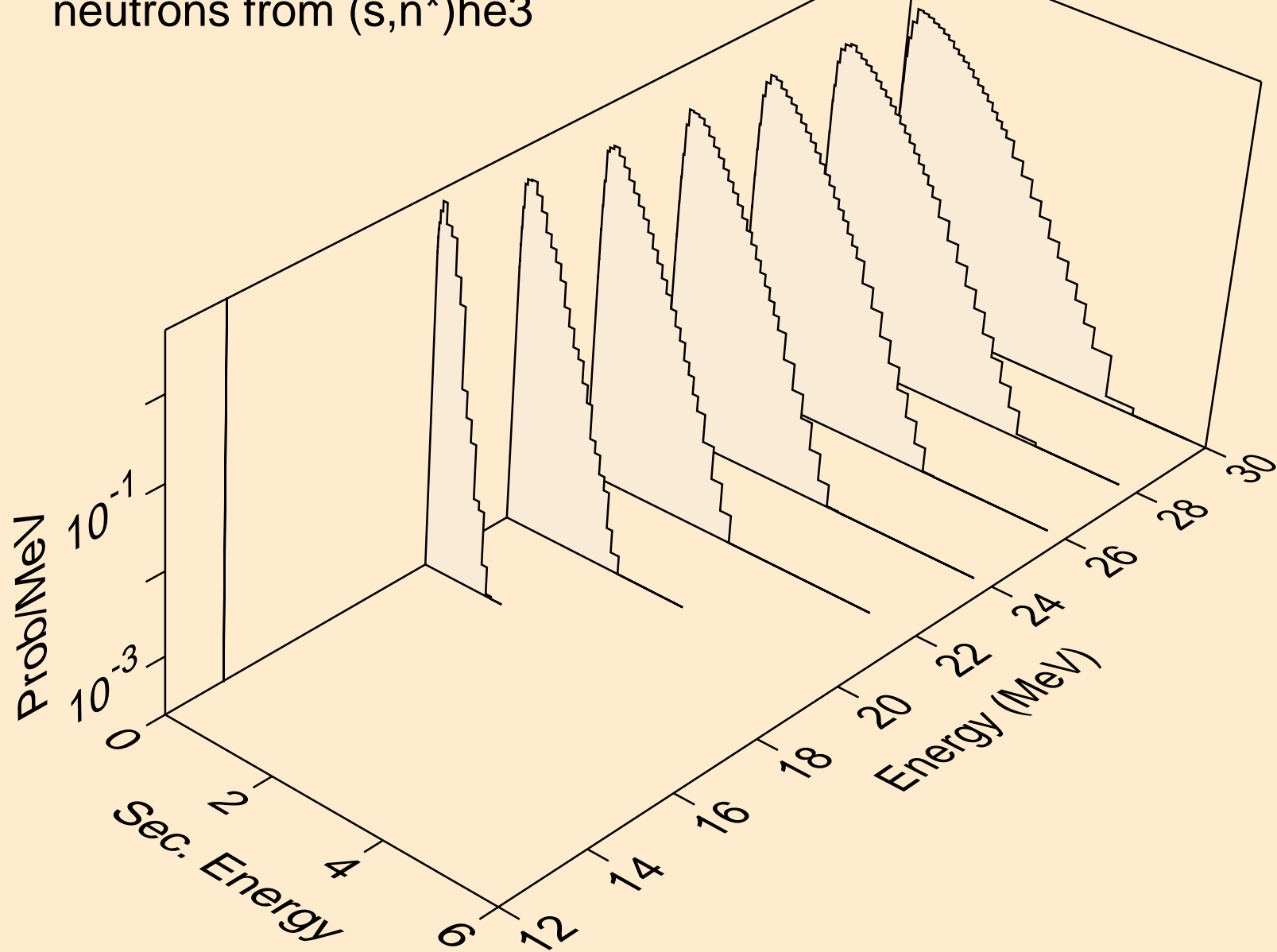




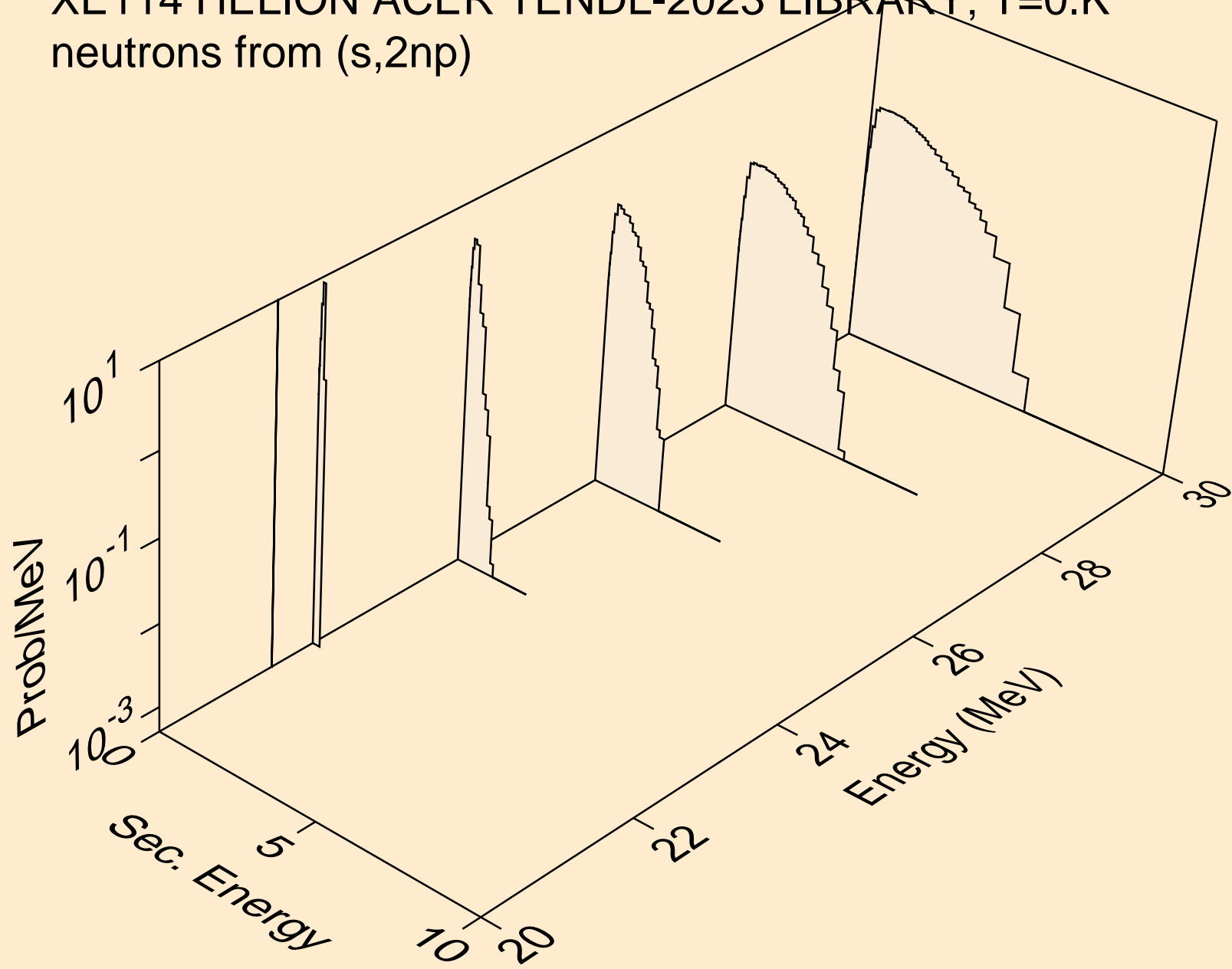
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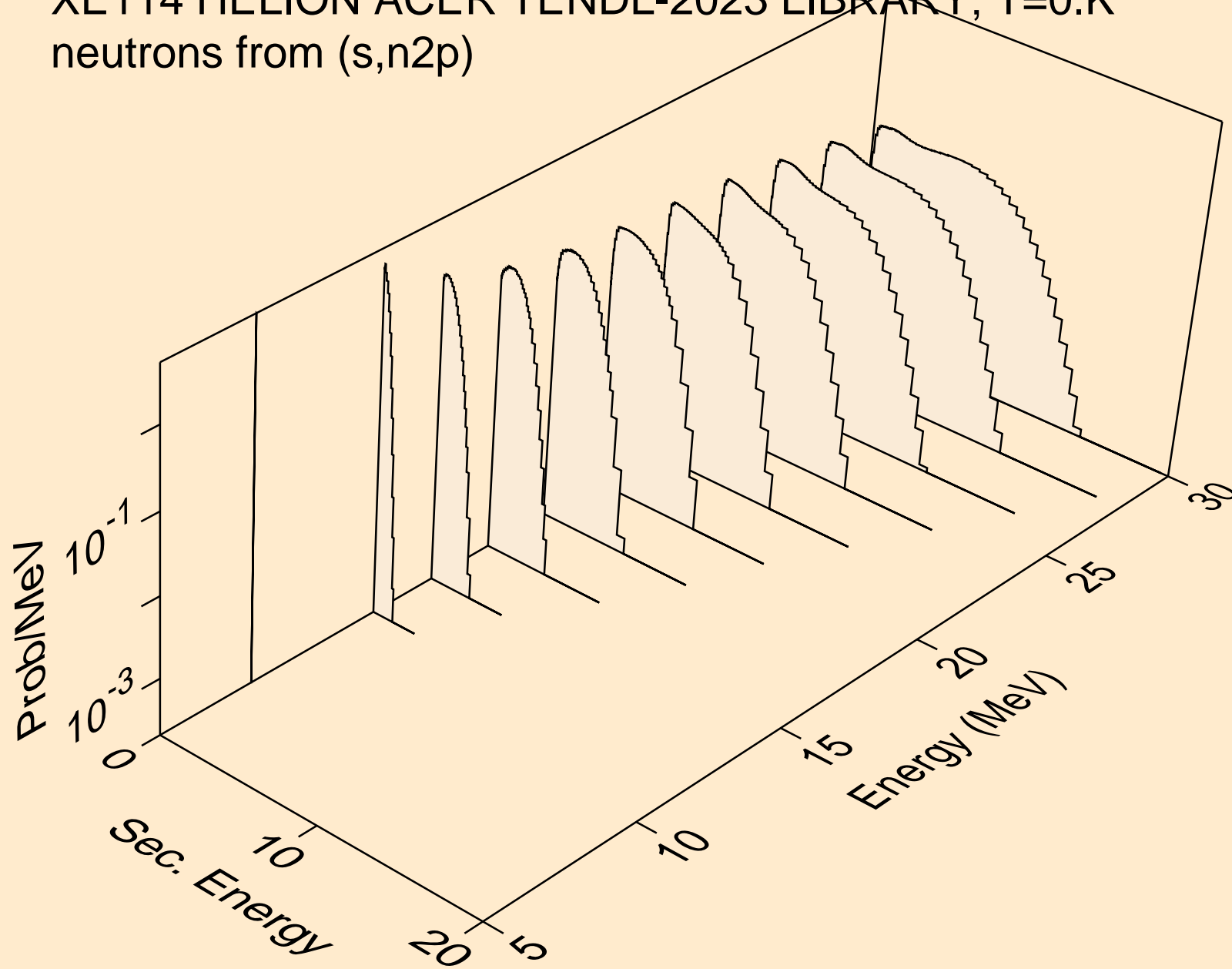
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neutrons from (s,n\*)he3



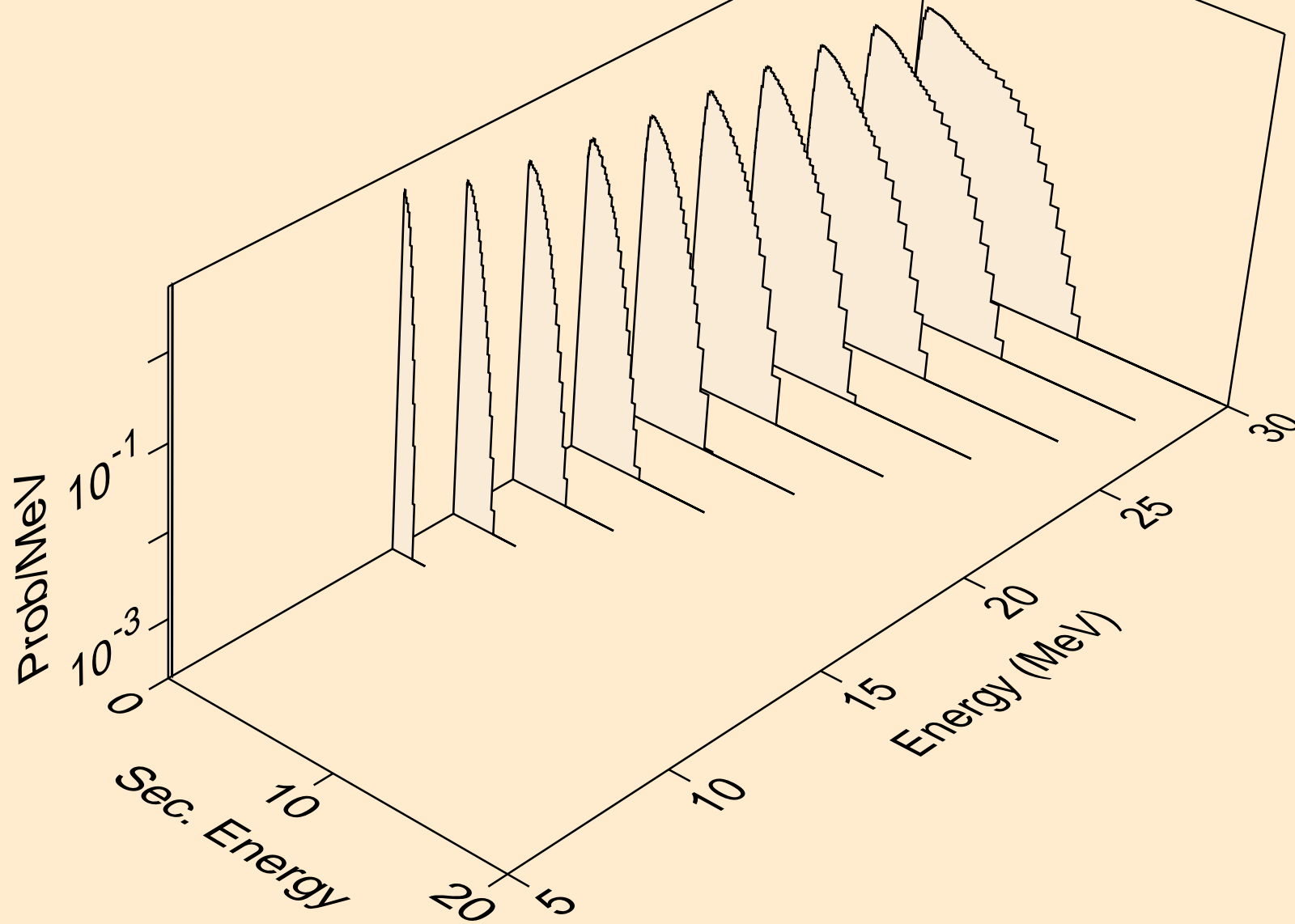
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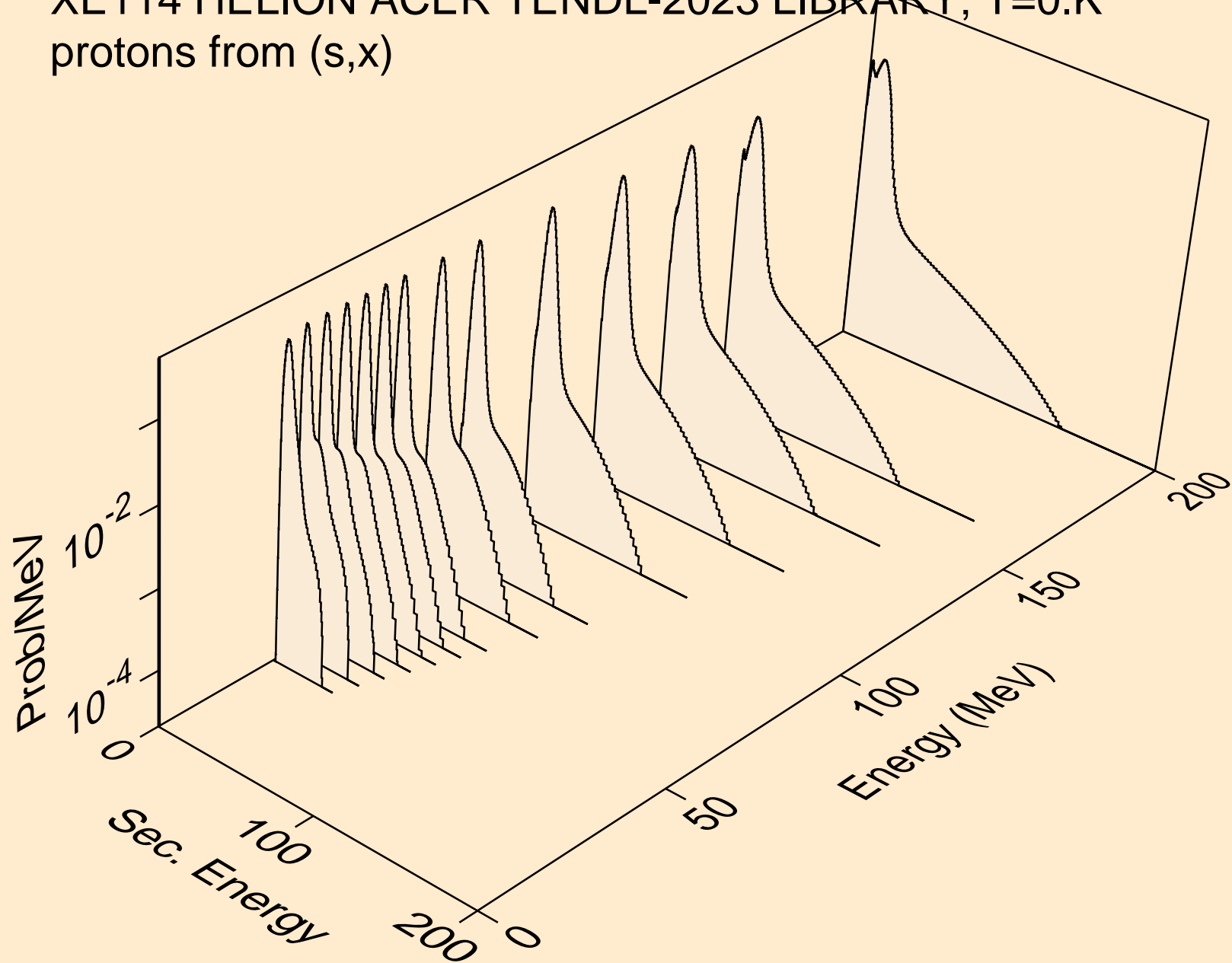
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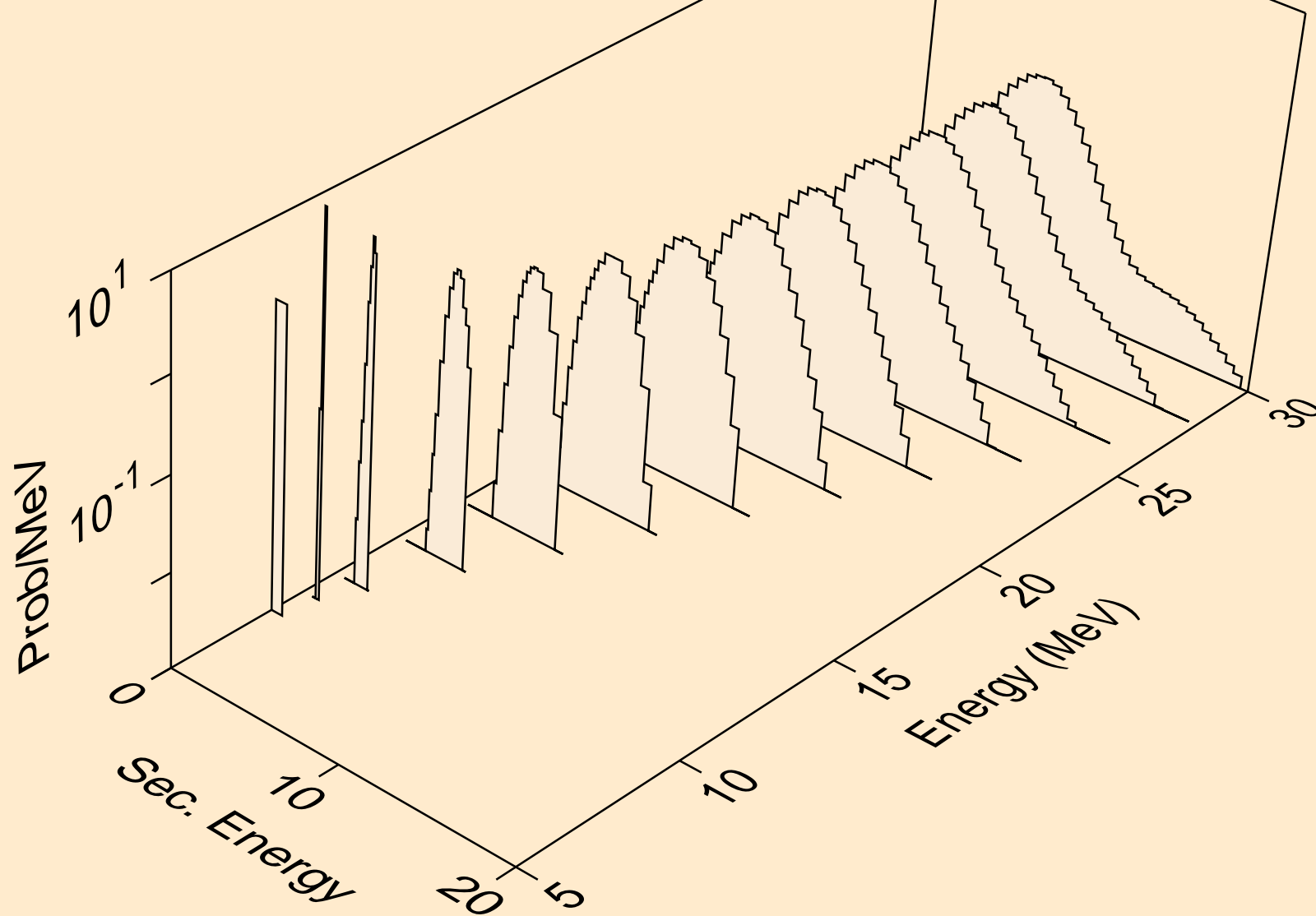
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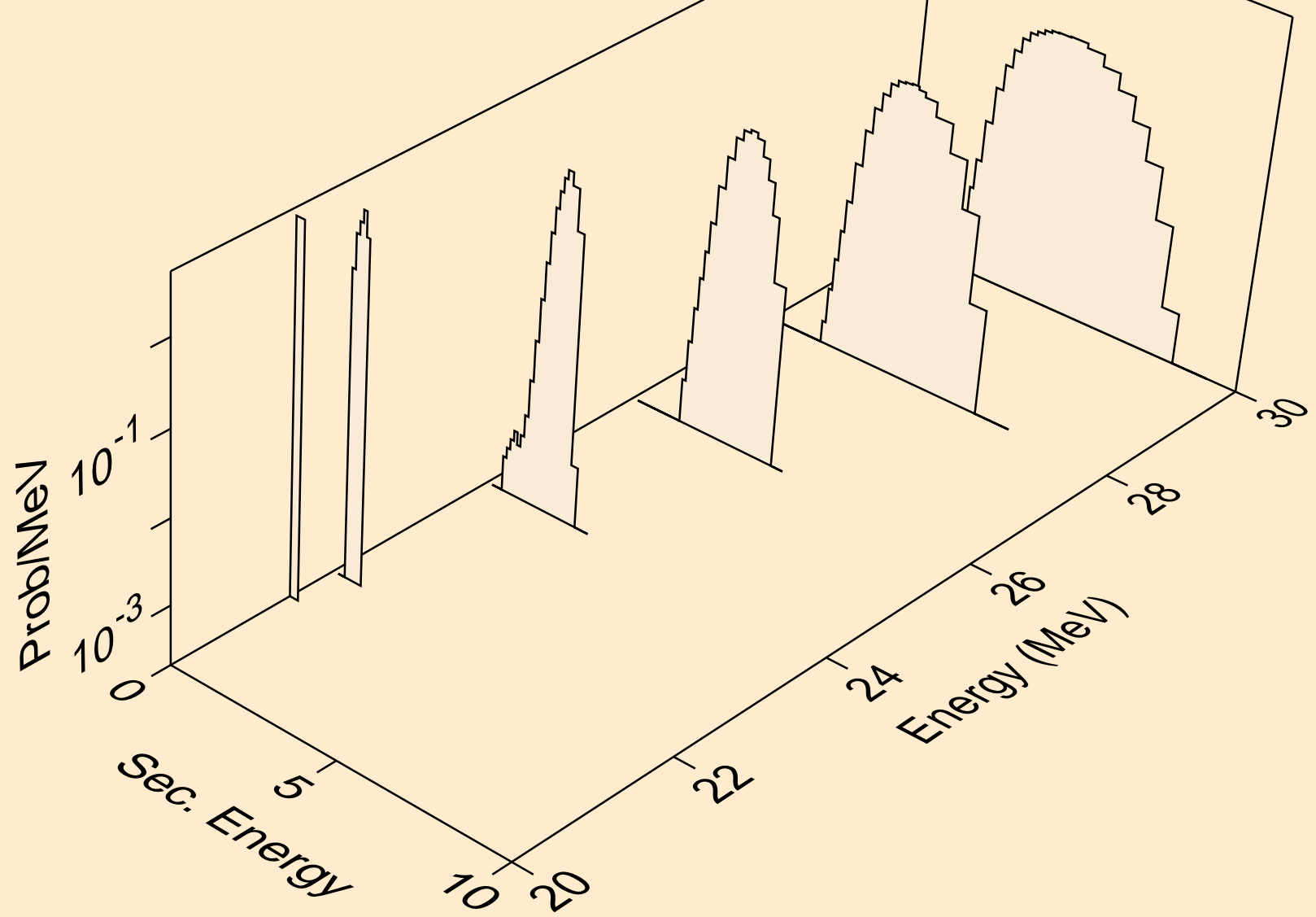
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protons from (s,x)



XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p

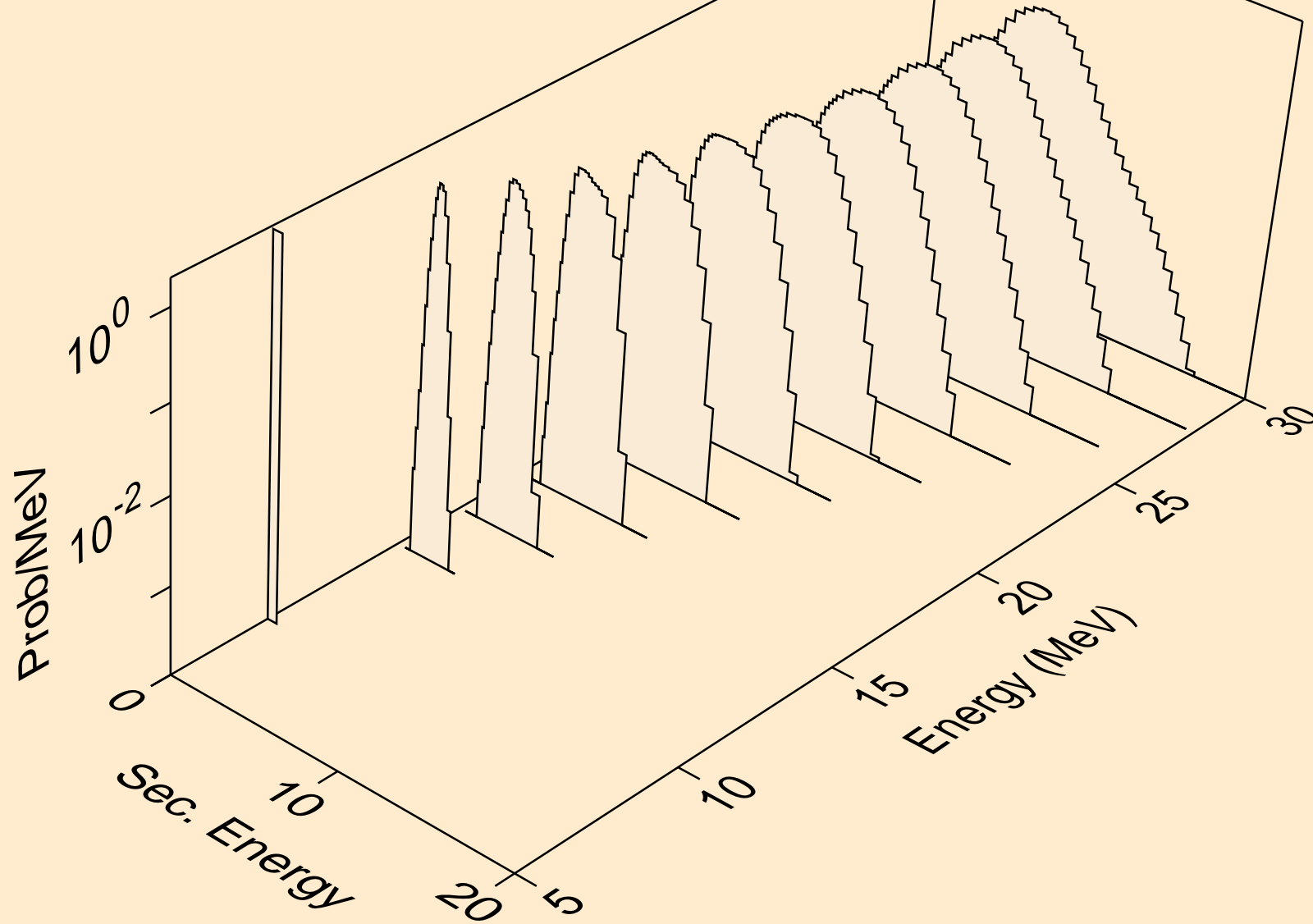


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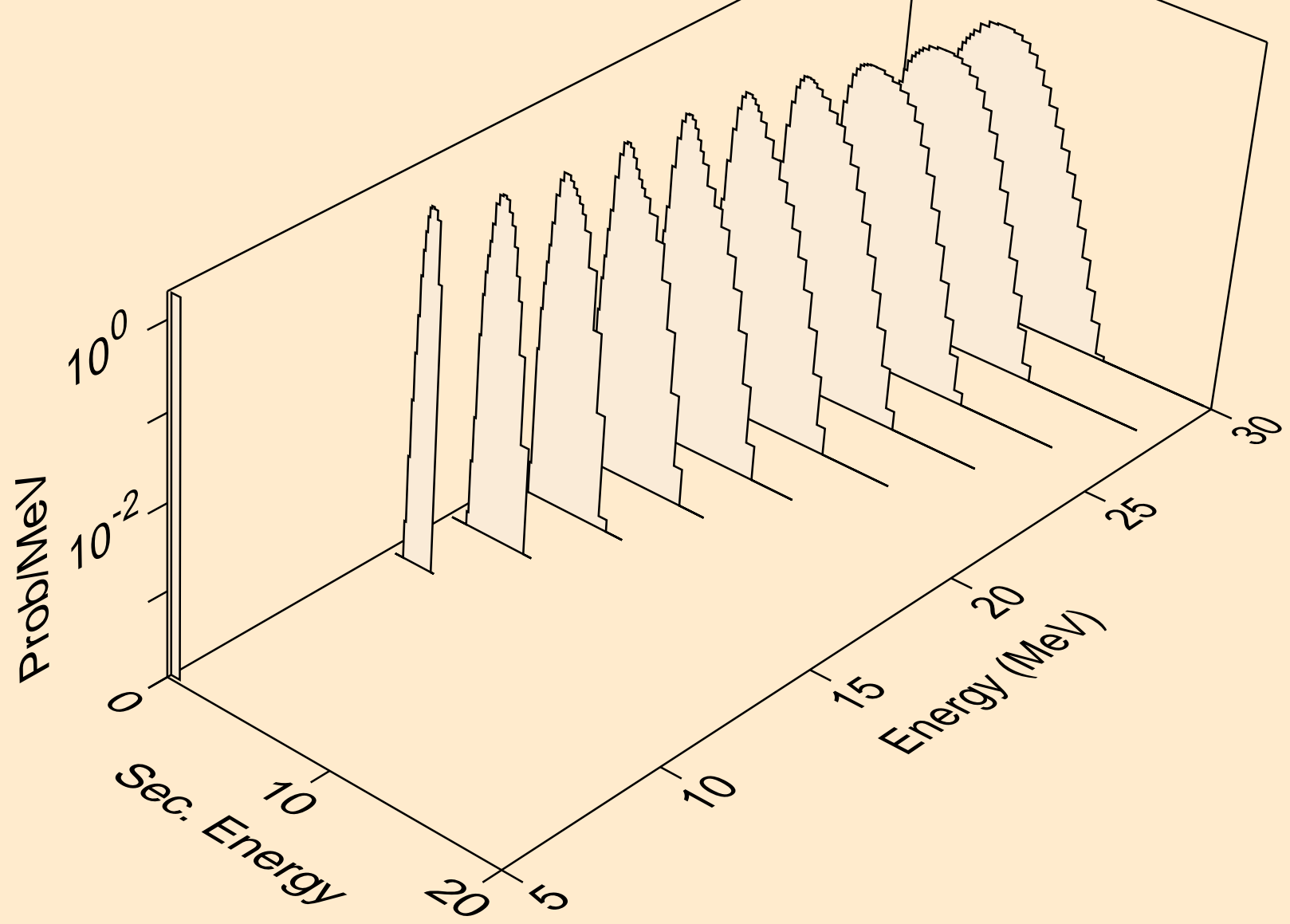




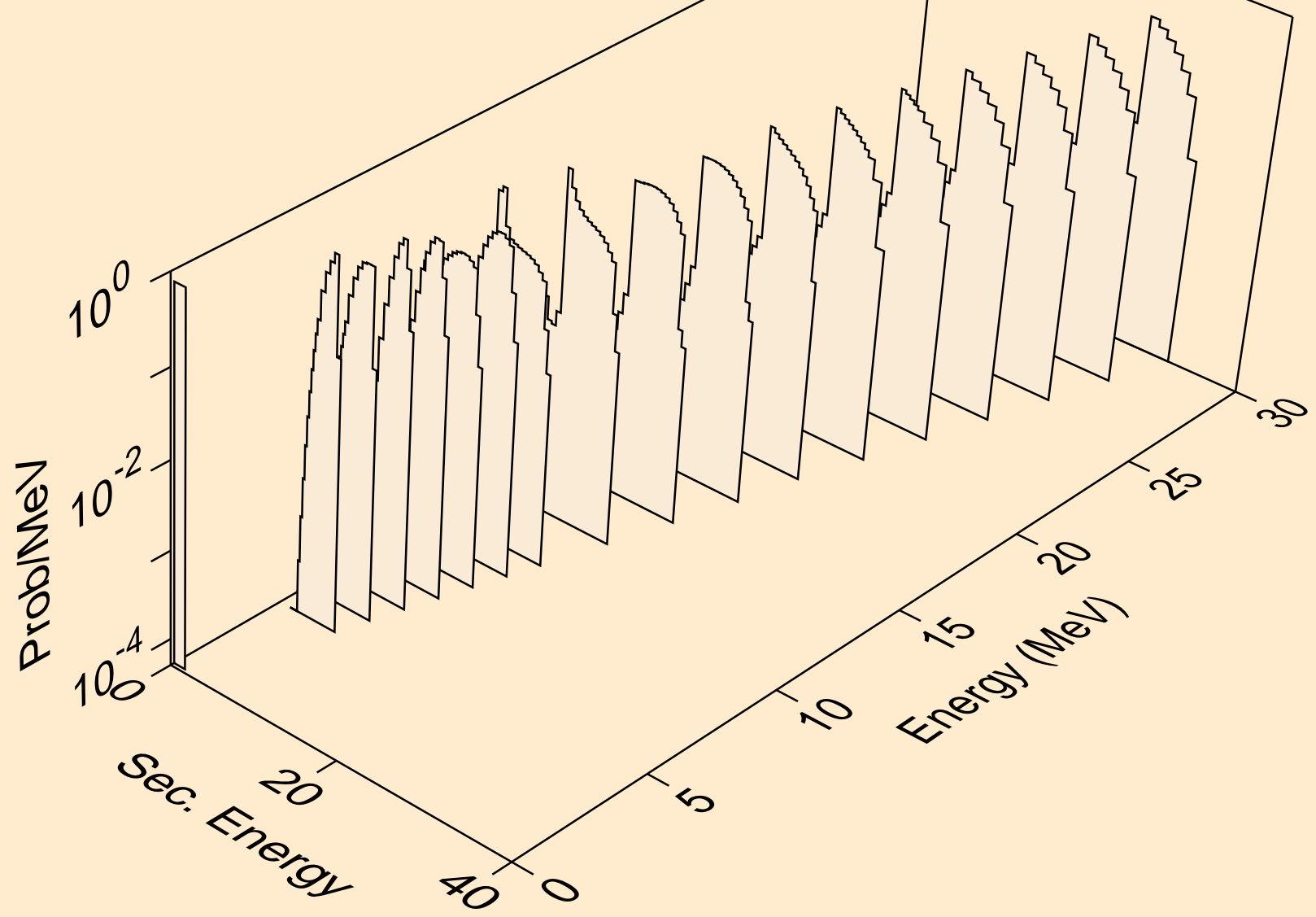
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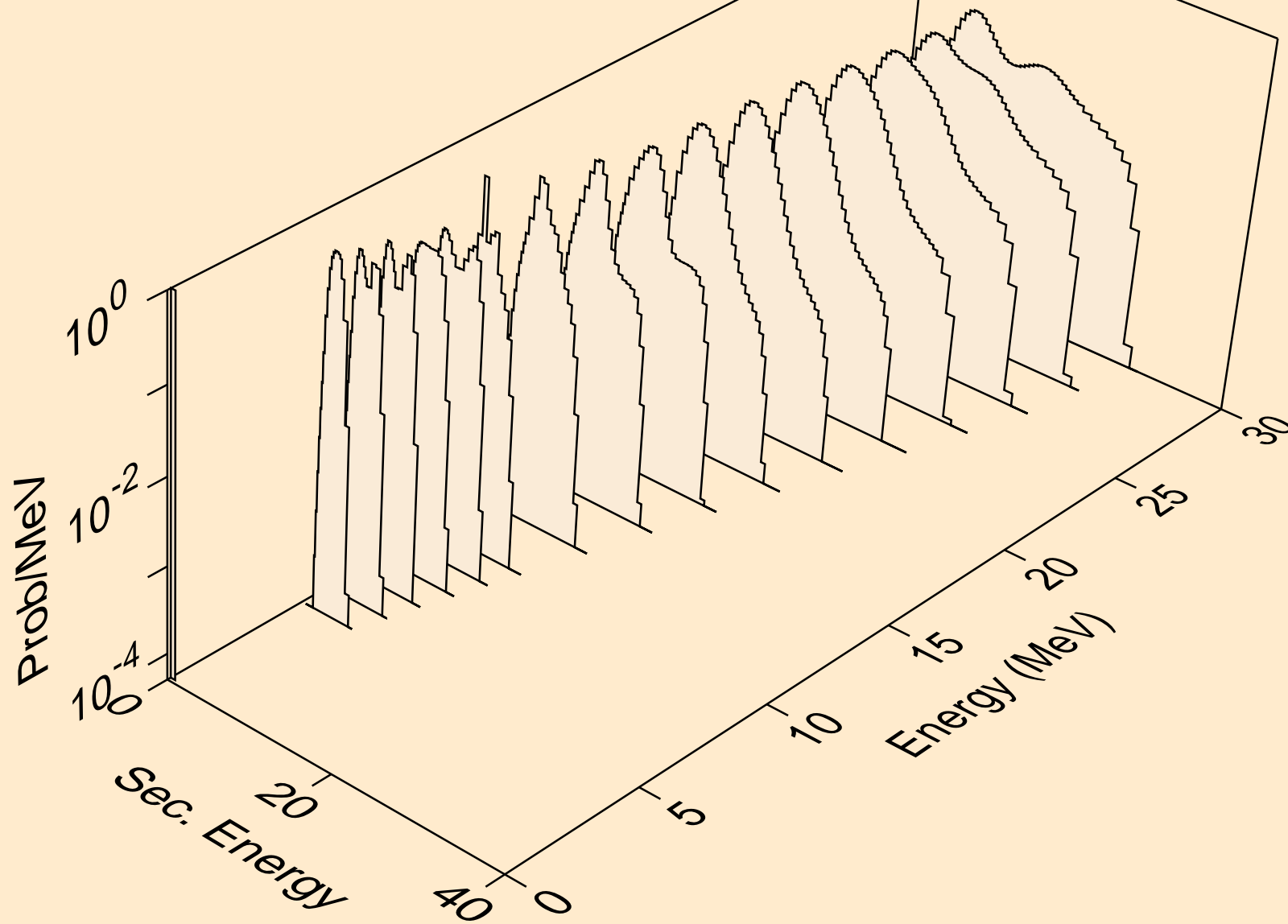
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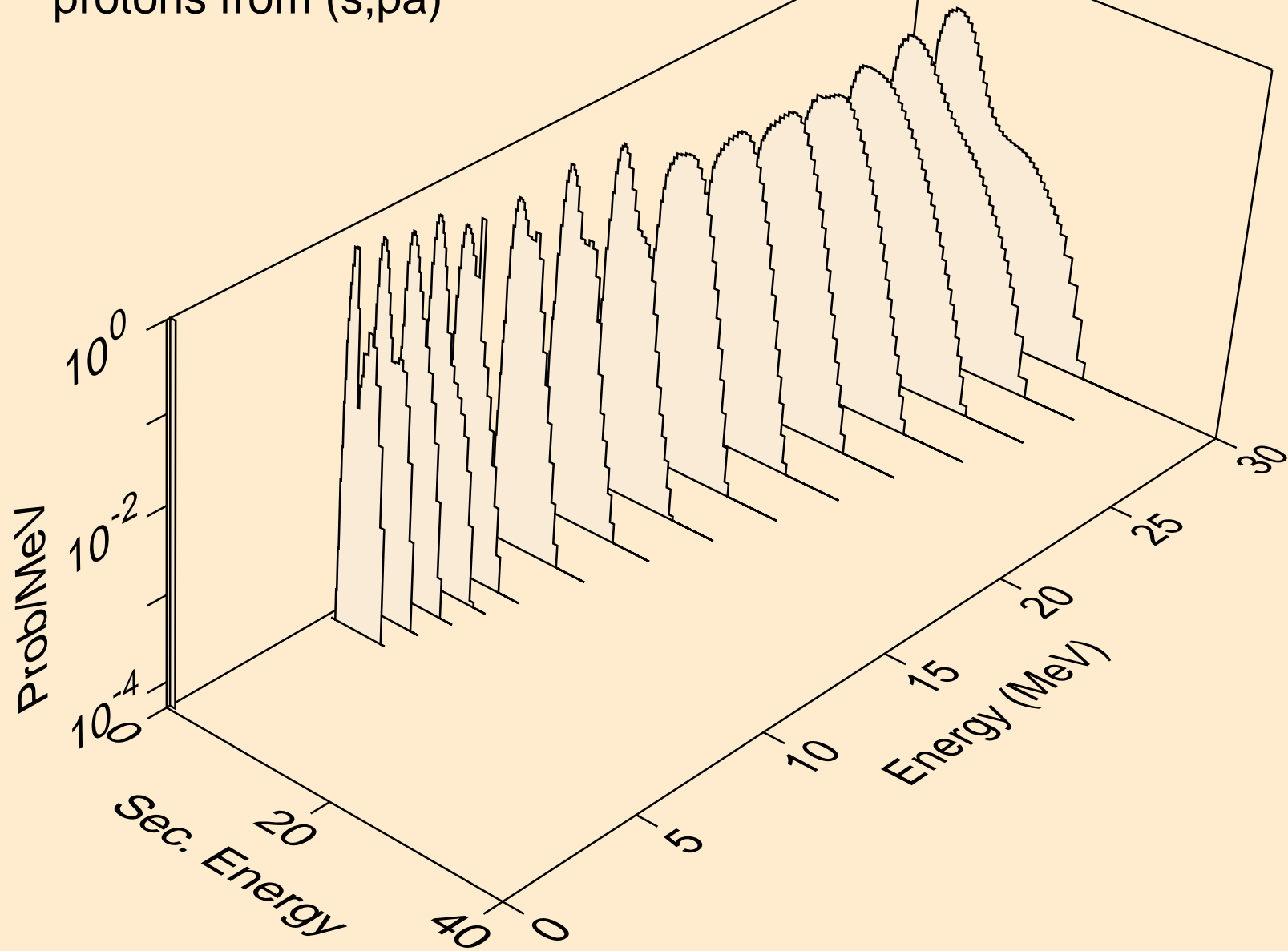
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protons from (s,p)



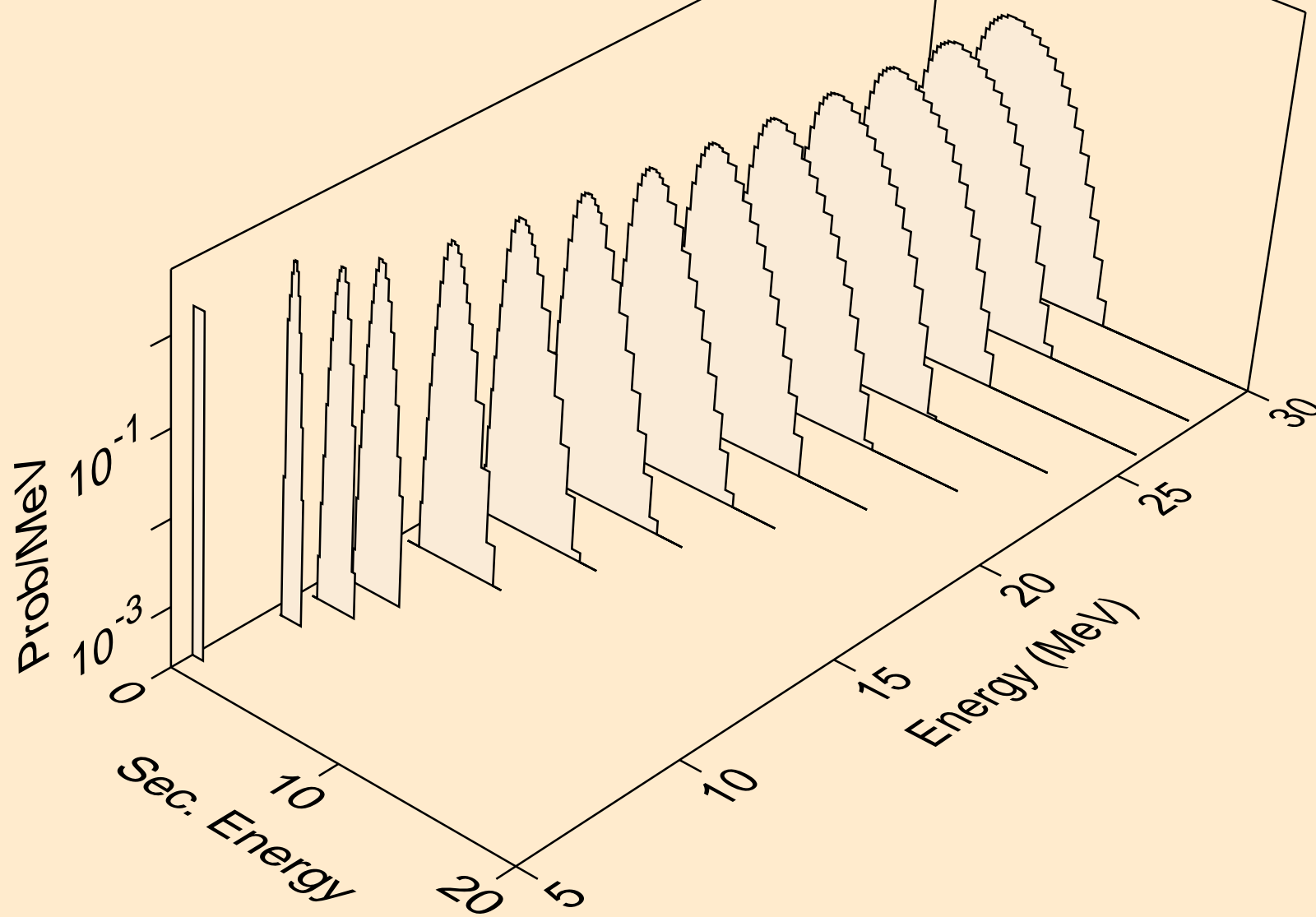
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protons from (s,2p)



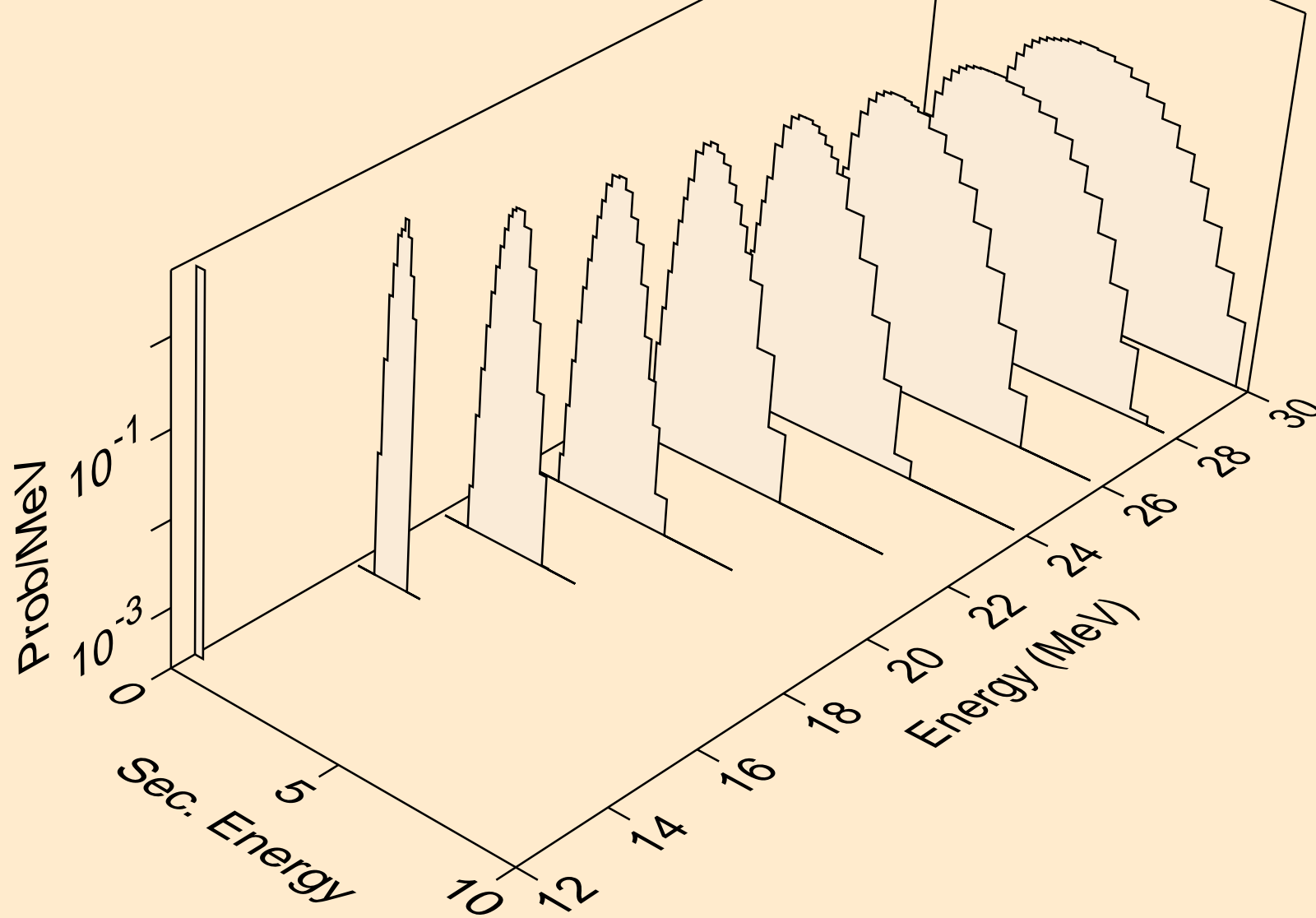
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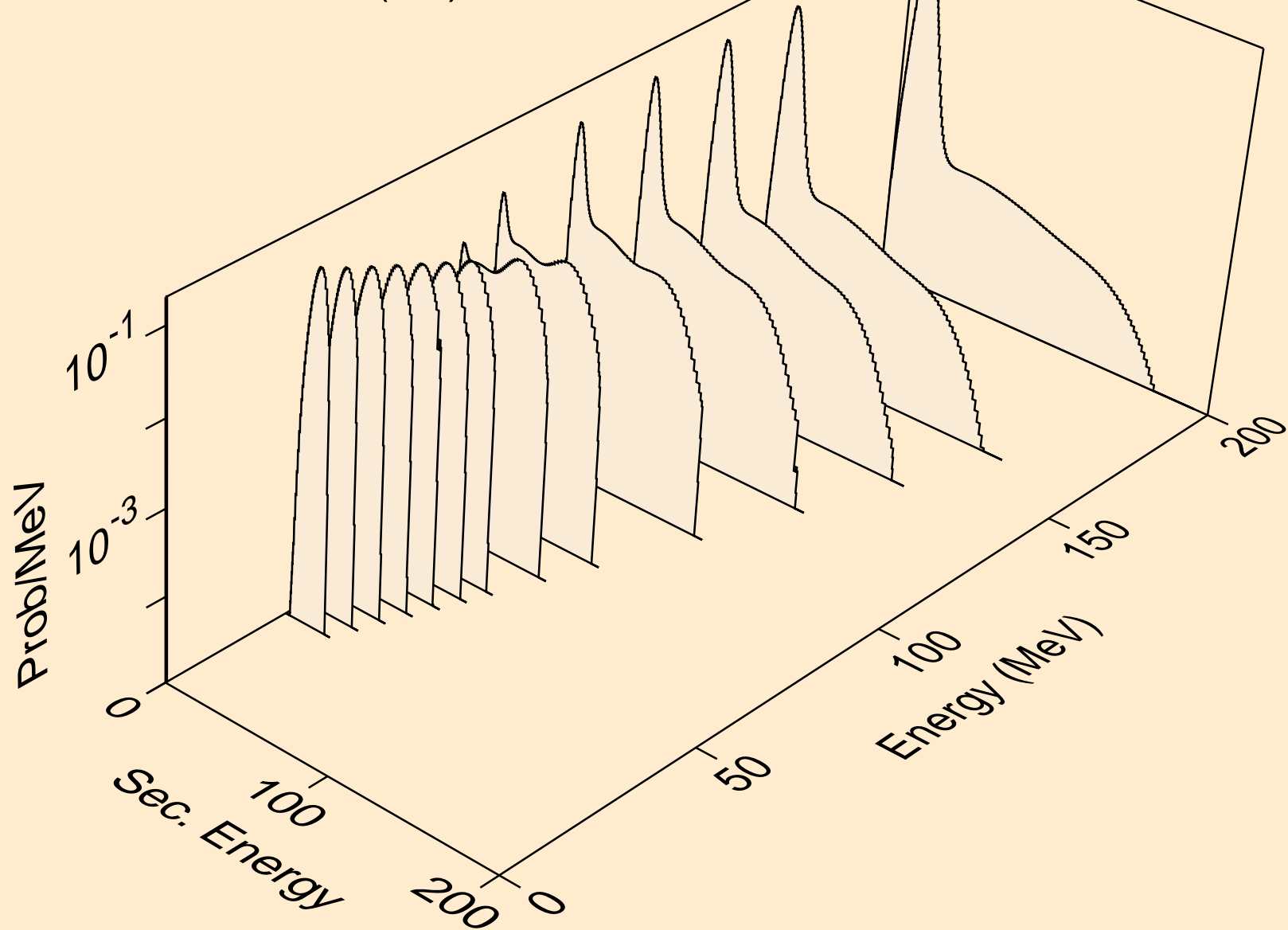
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

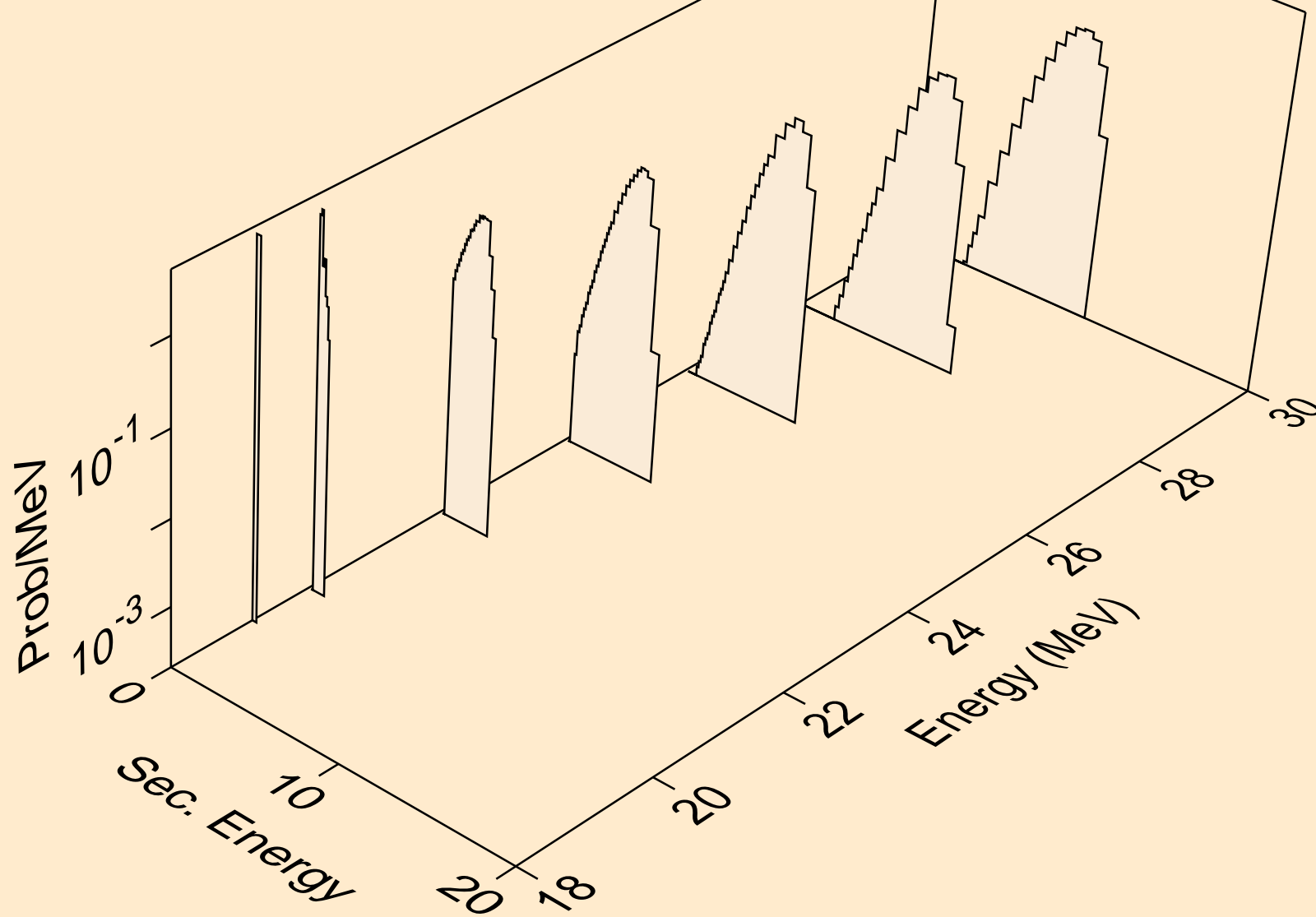


XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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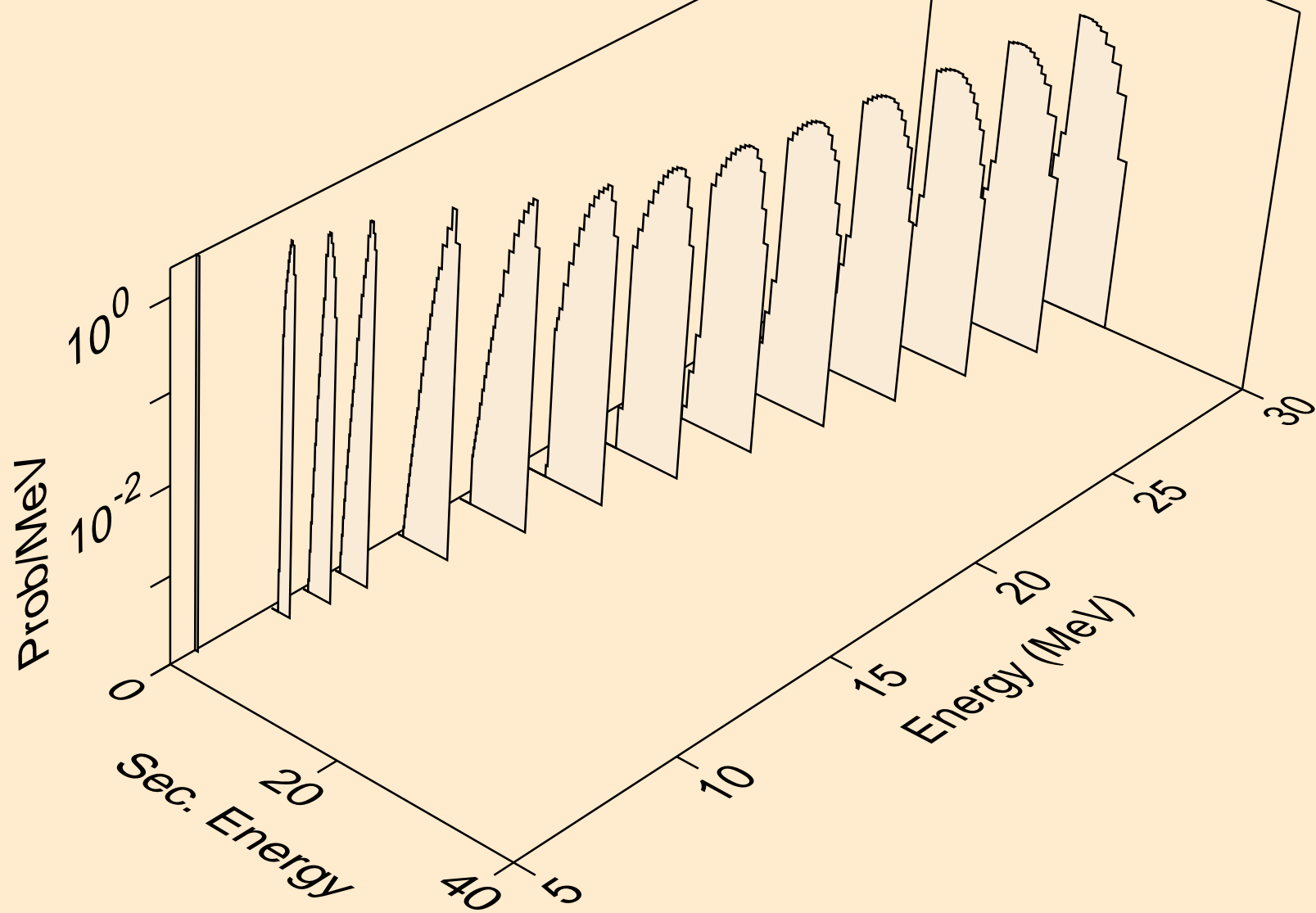




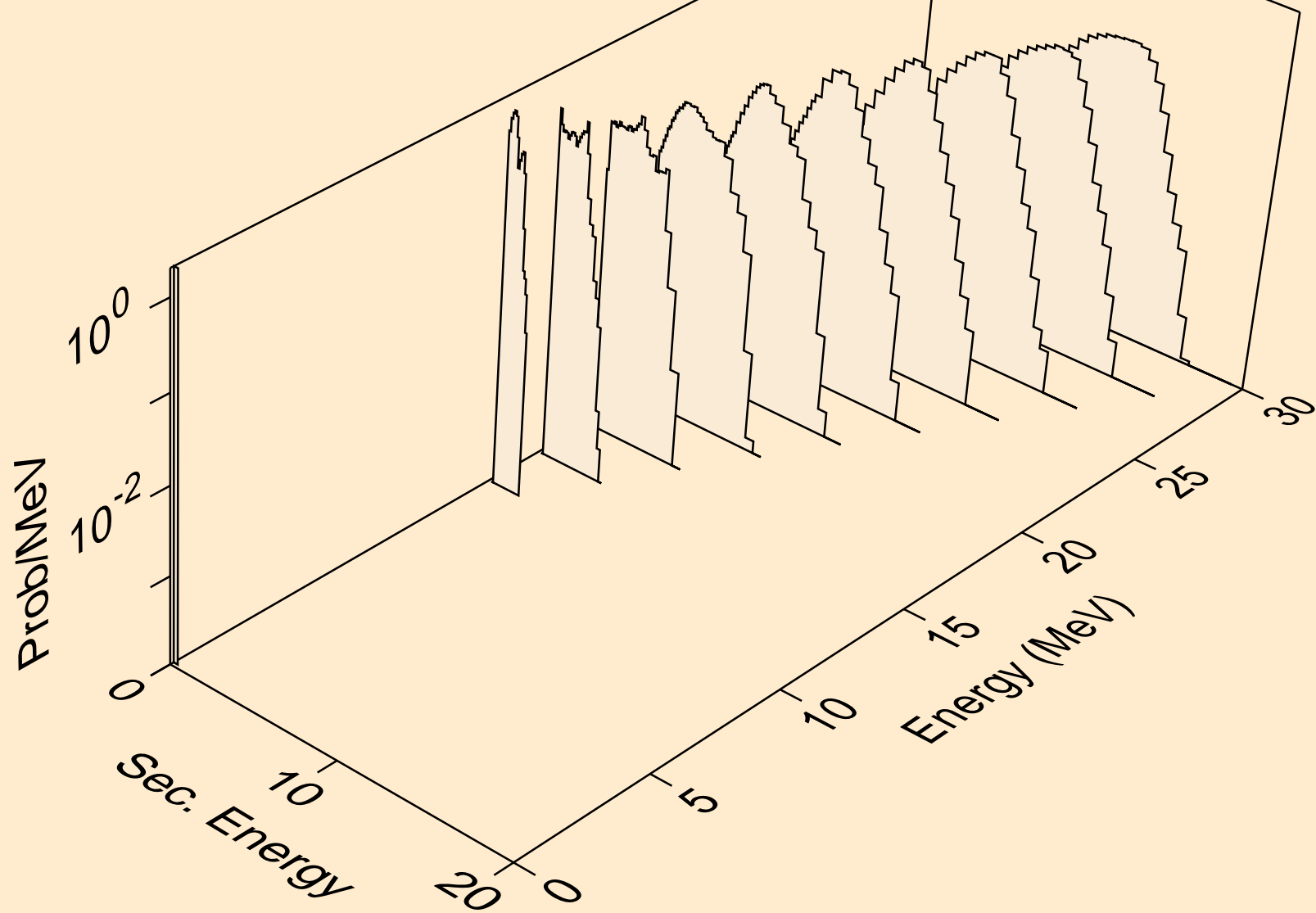
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deuterons from (s,n\*)d



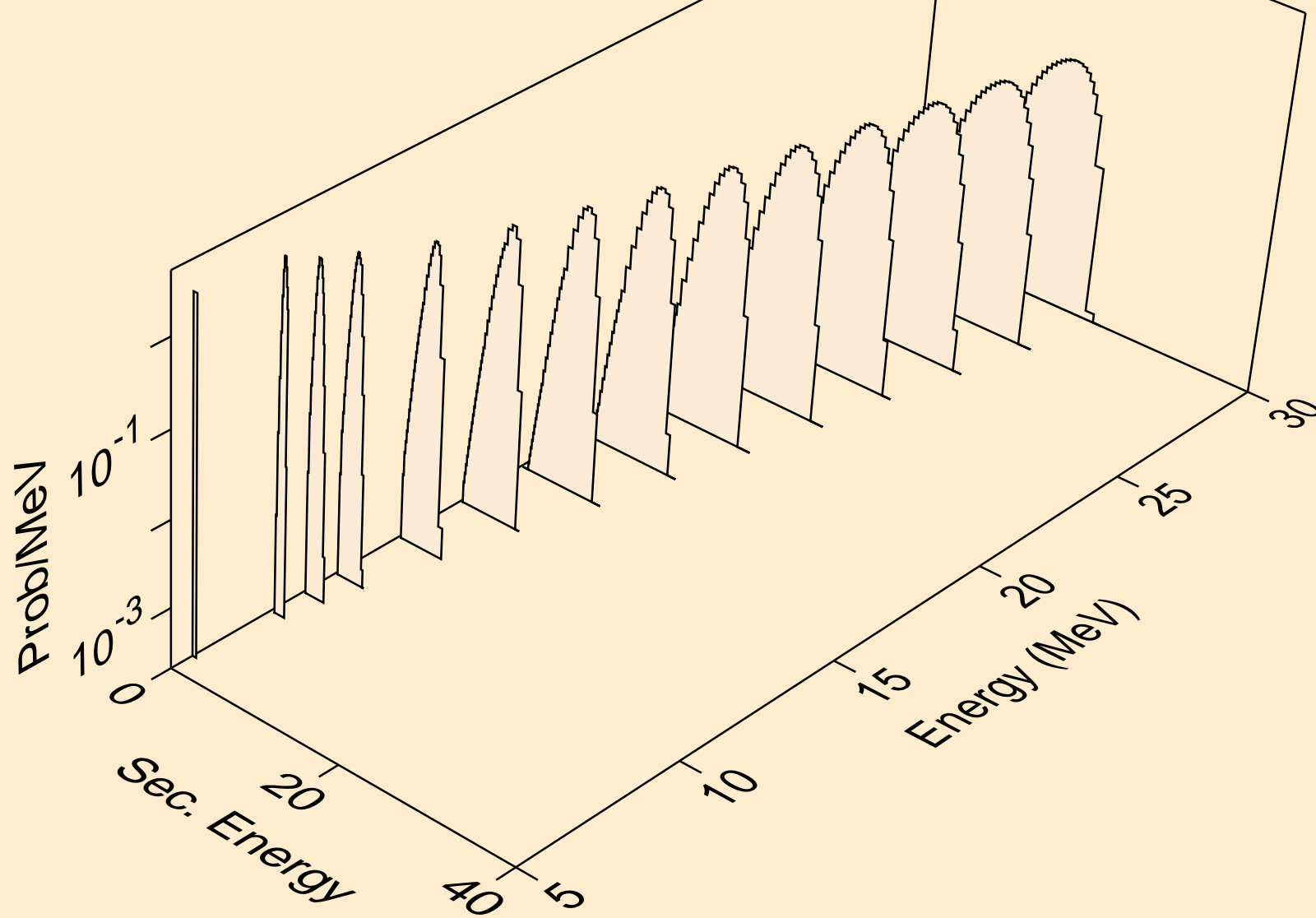
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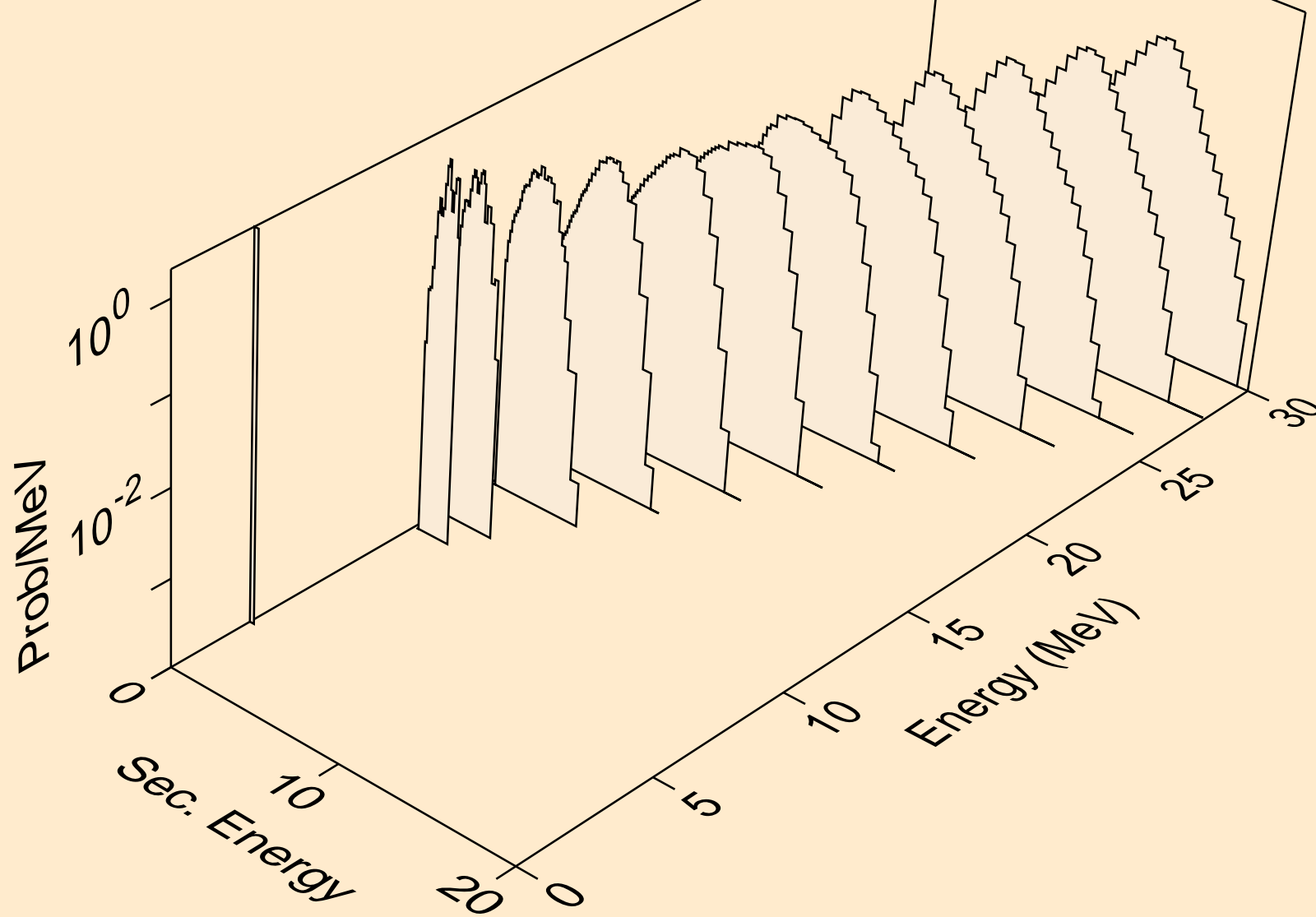
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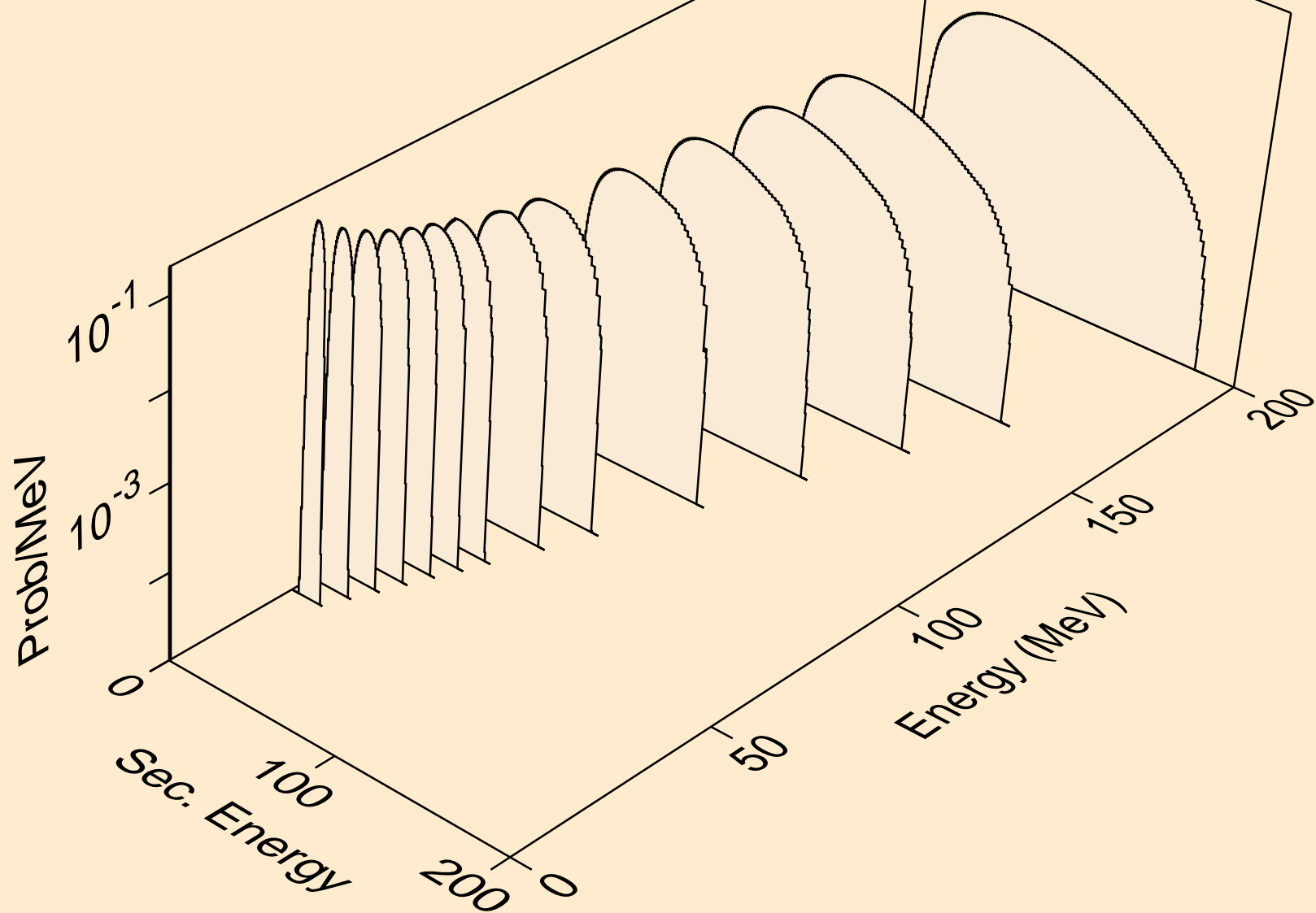
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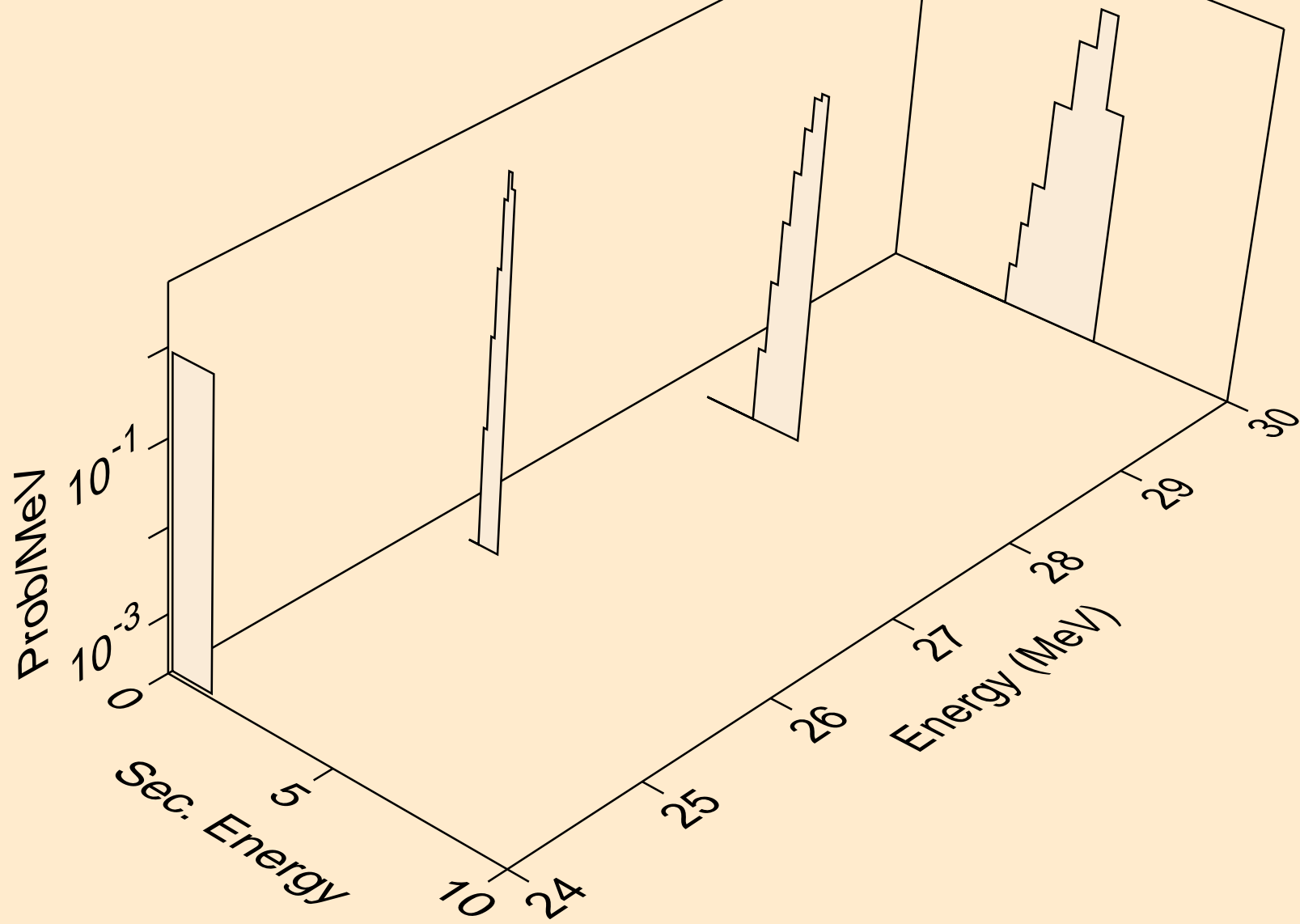
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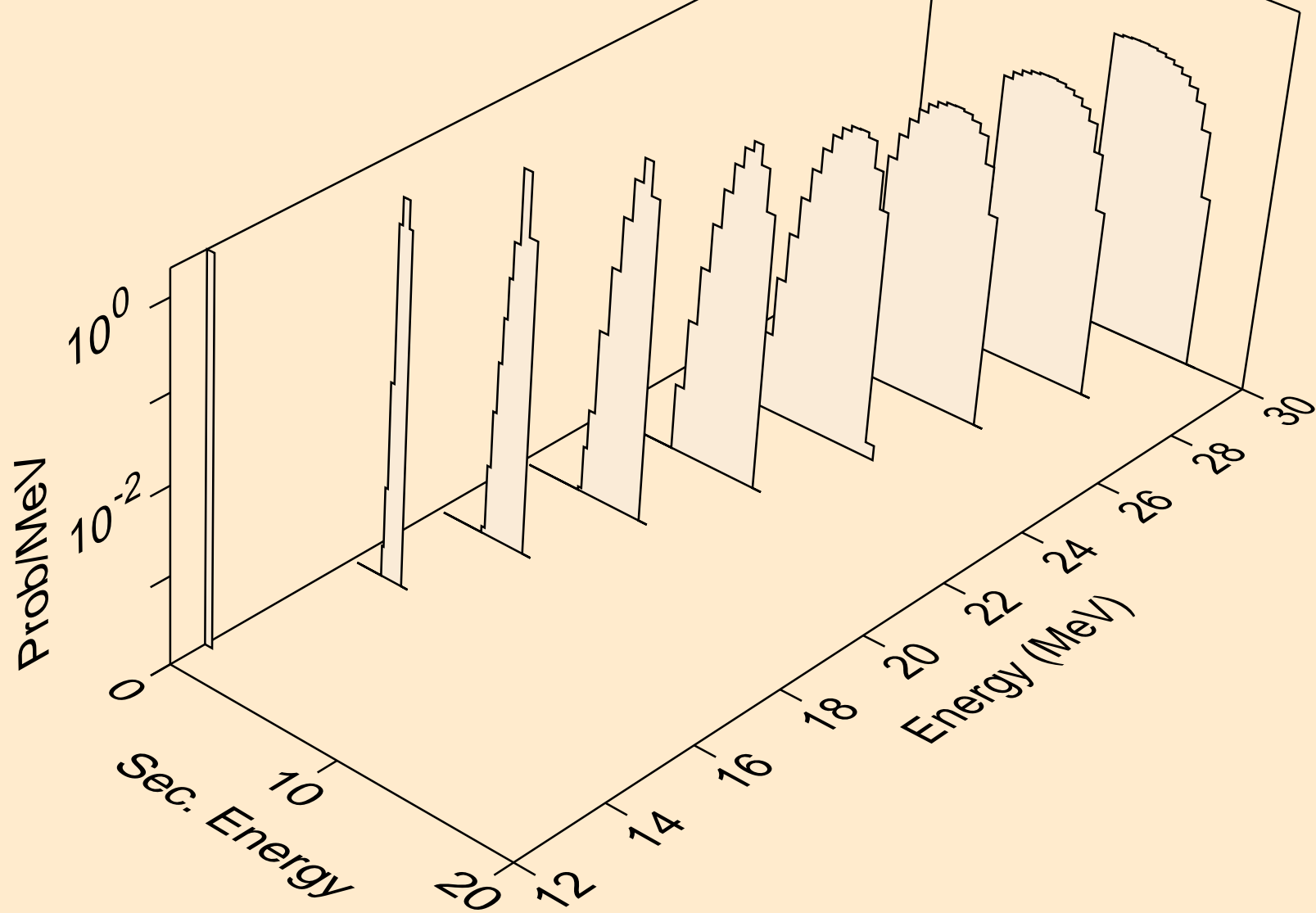
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

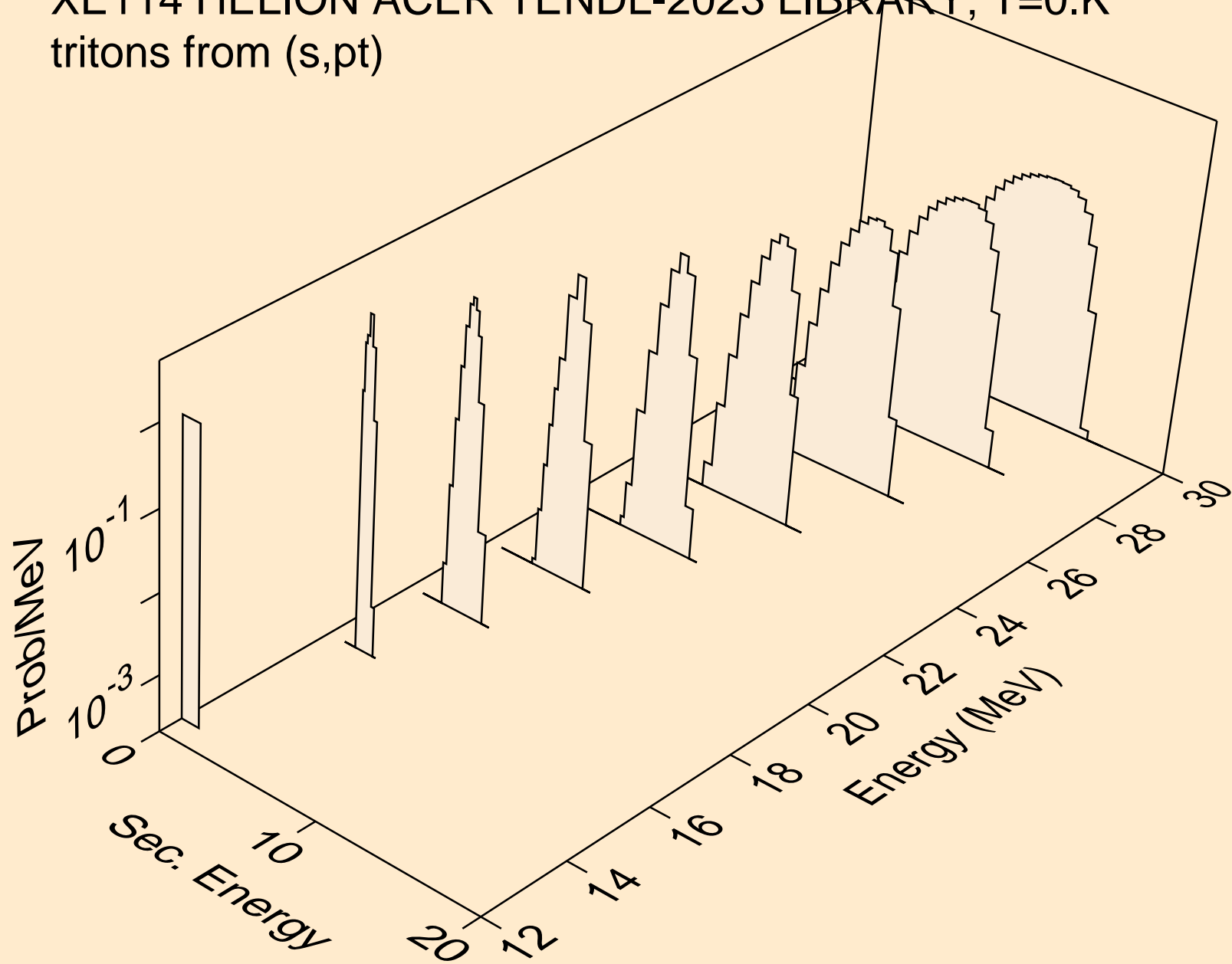


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tritons from (s,t)

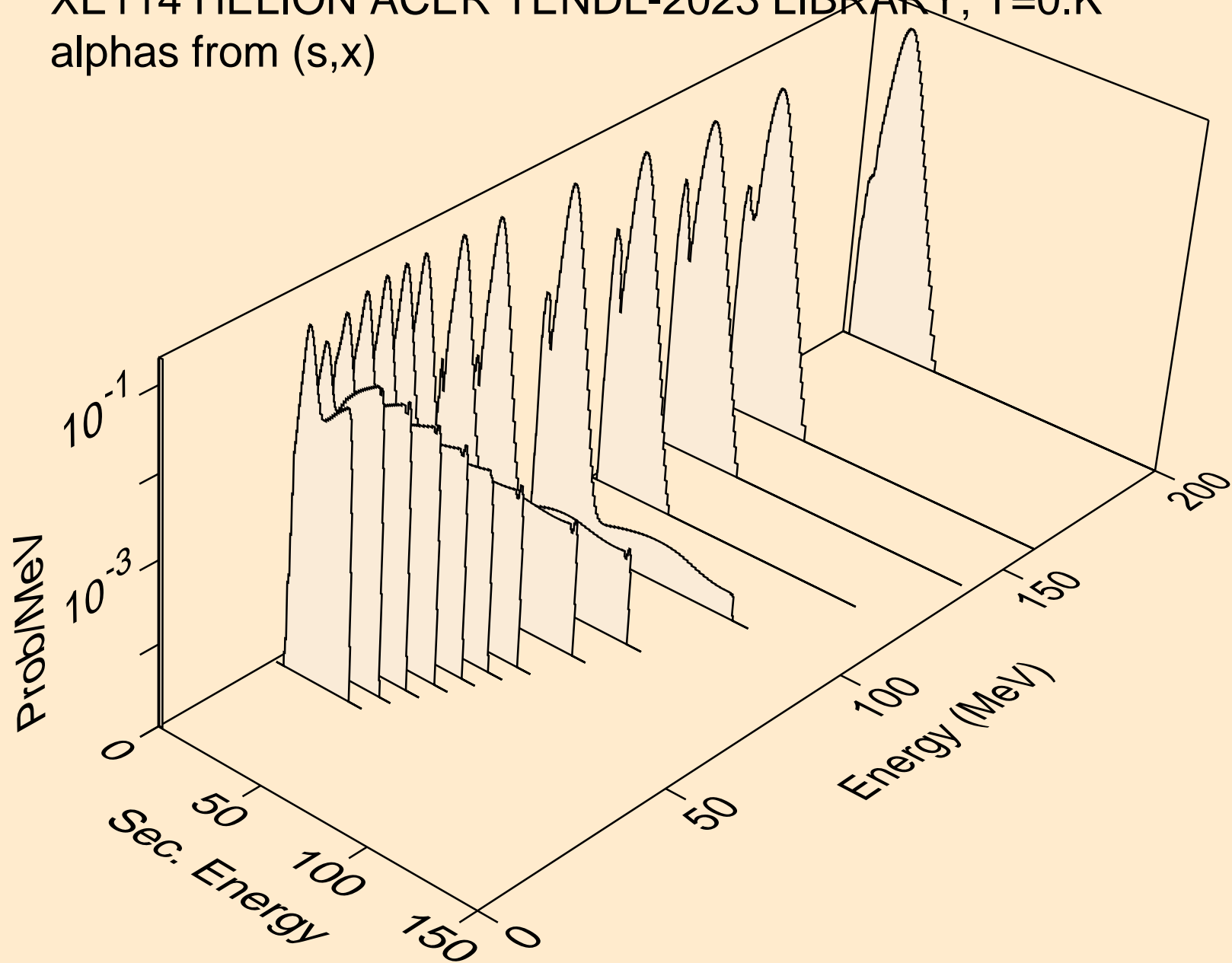




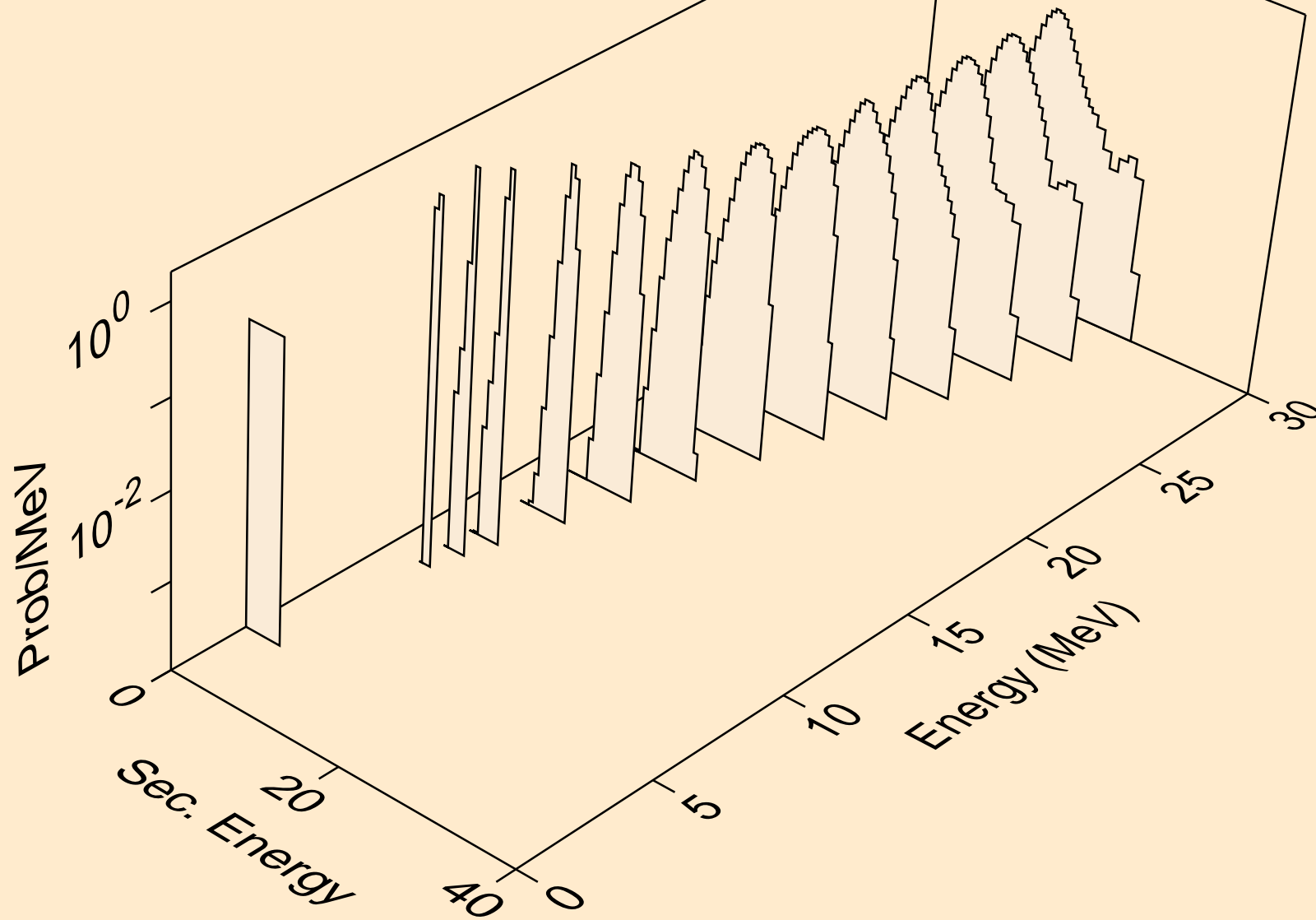
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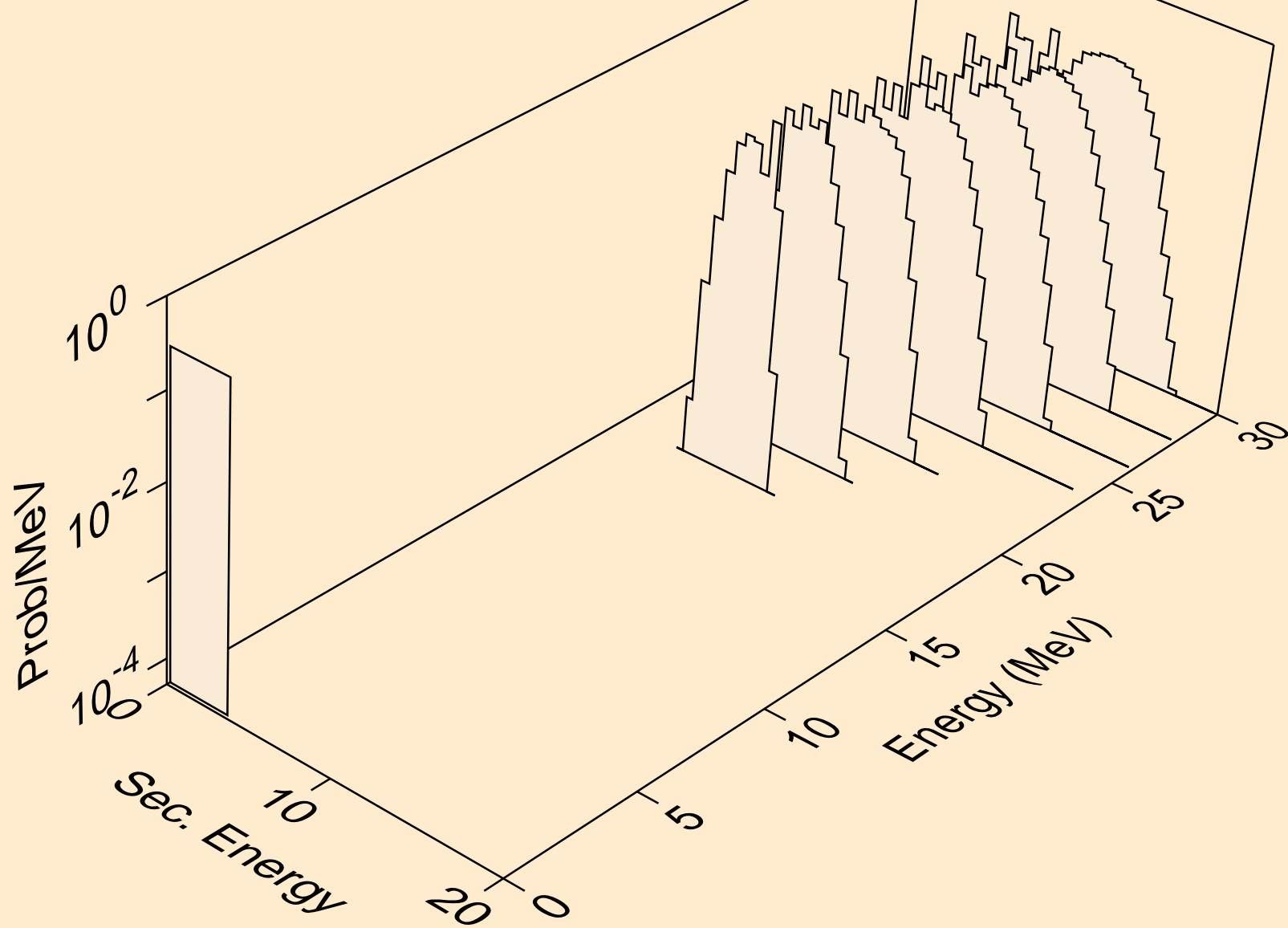
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alphas from (s,x)



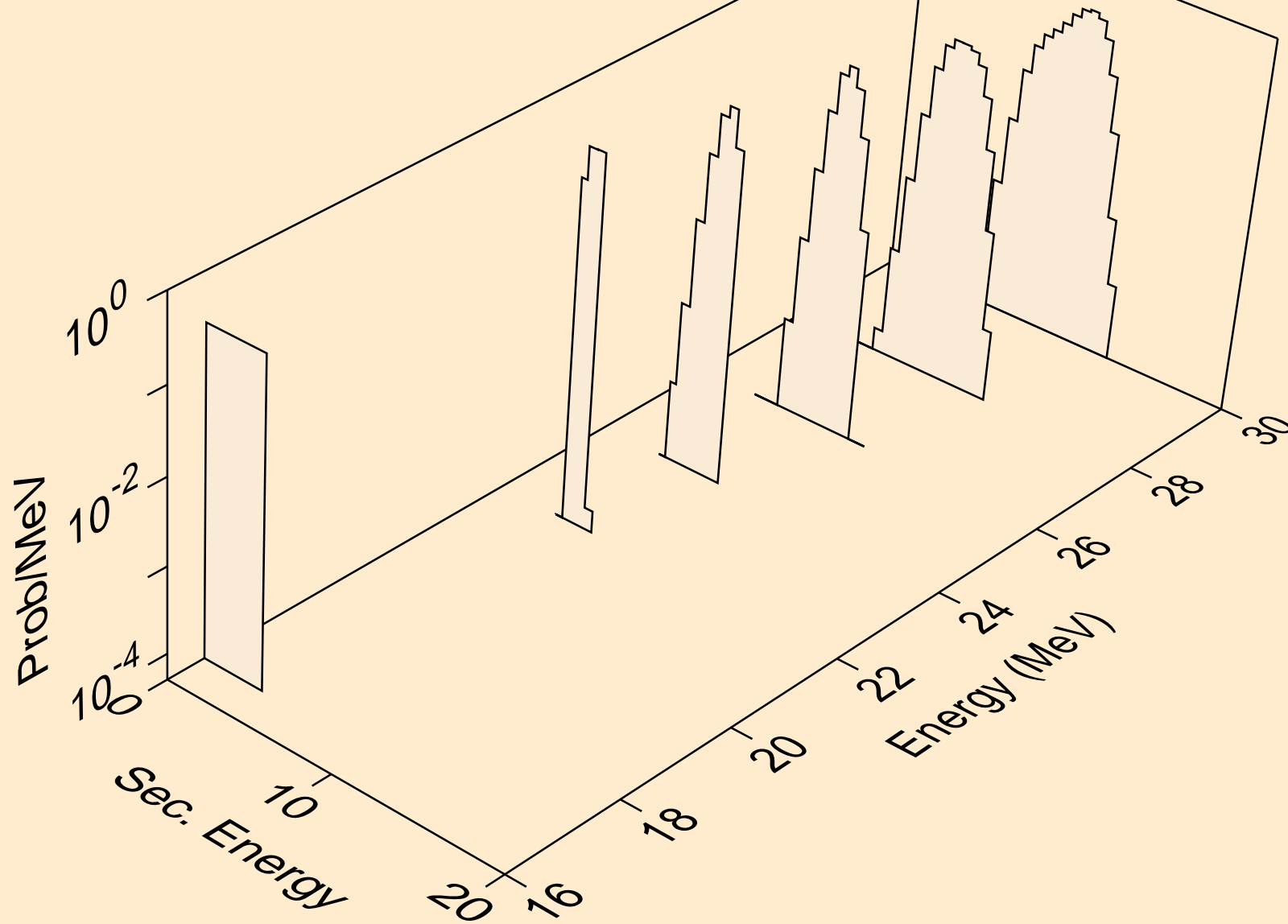
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alphas from (s,n\*)a



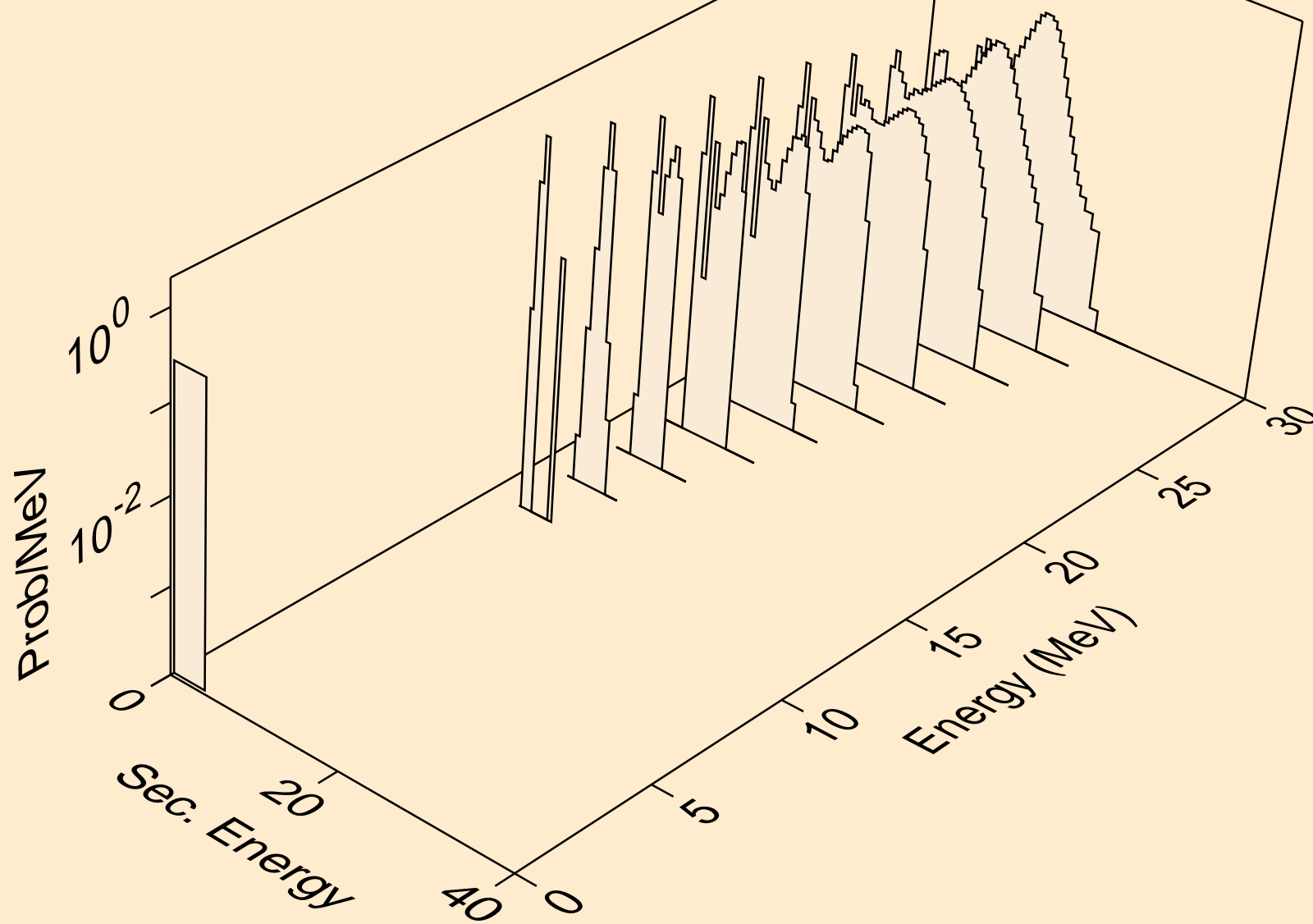
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)3a



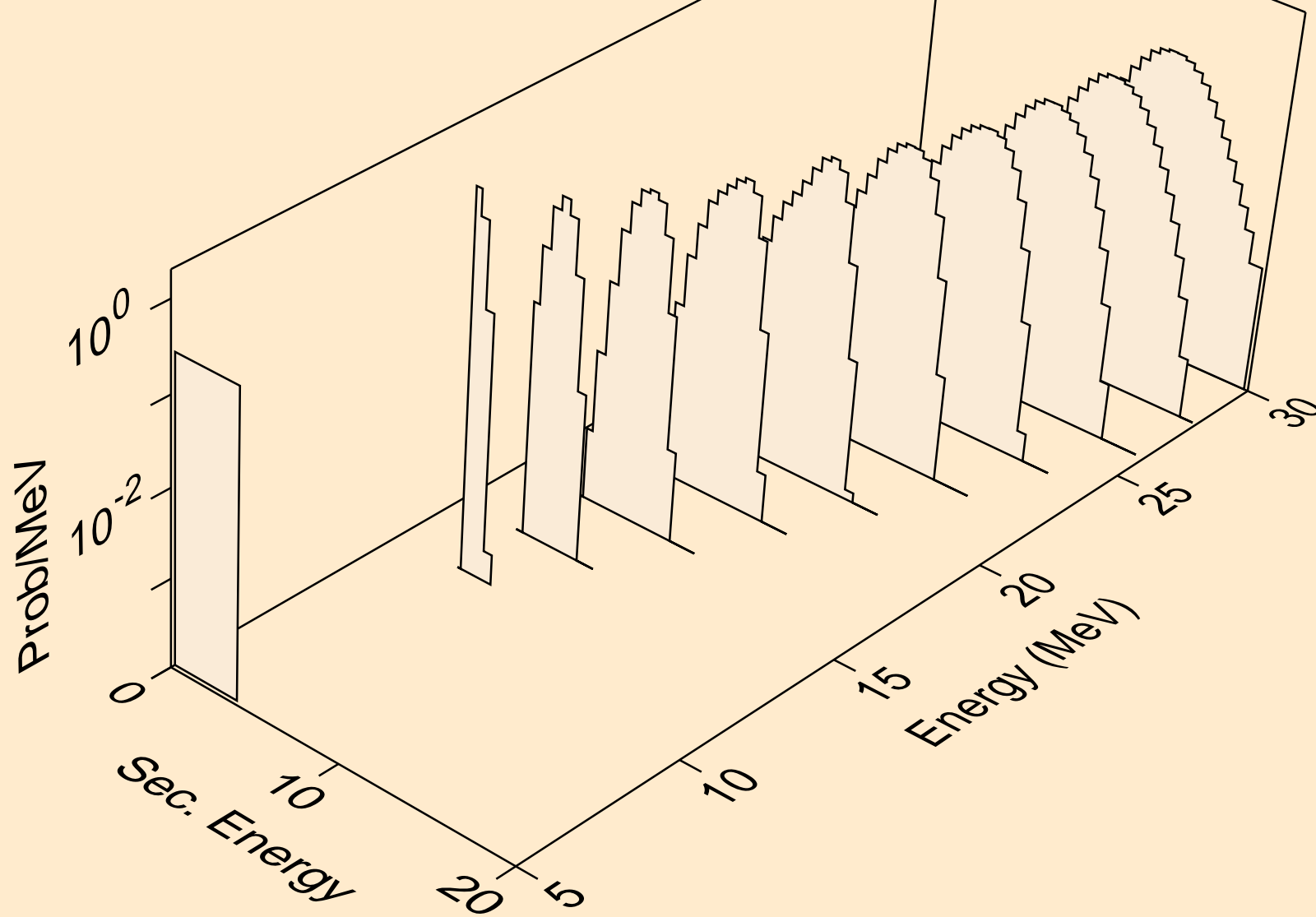
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



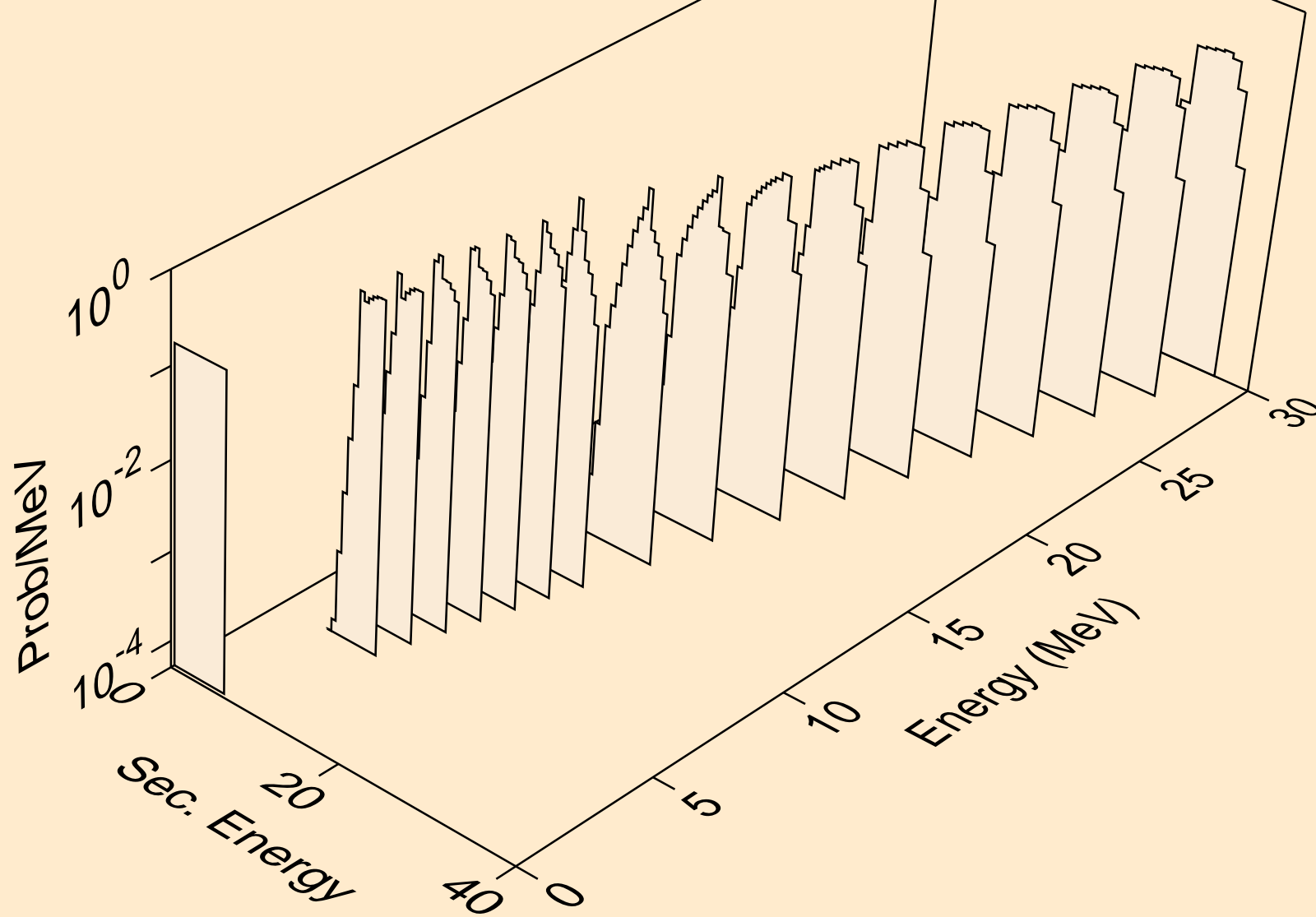
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)

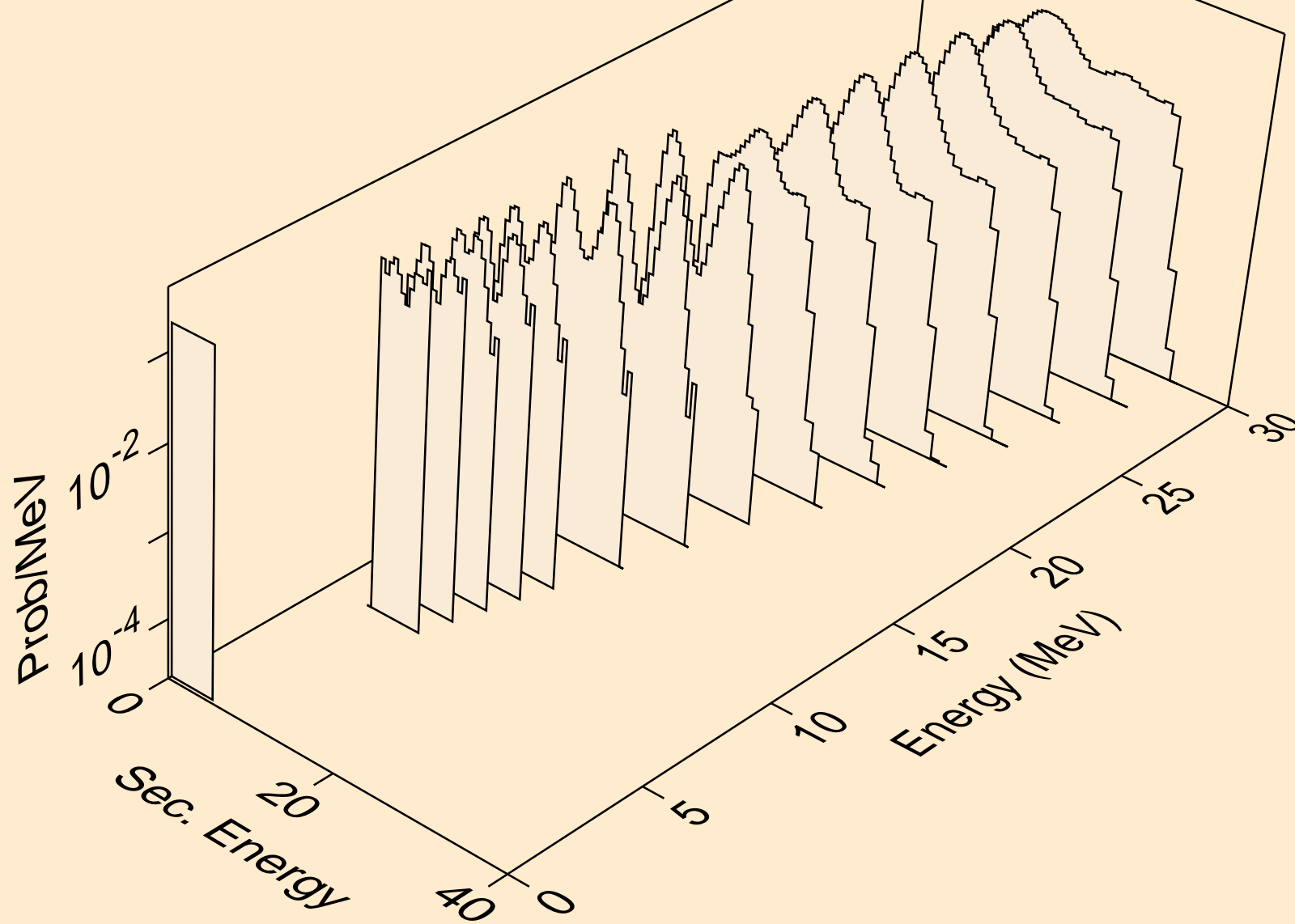


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alphas from (s,a)

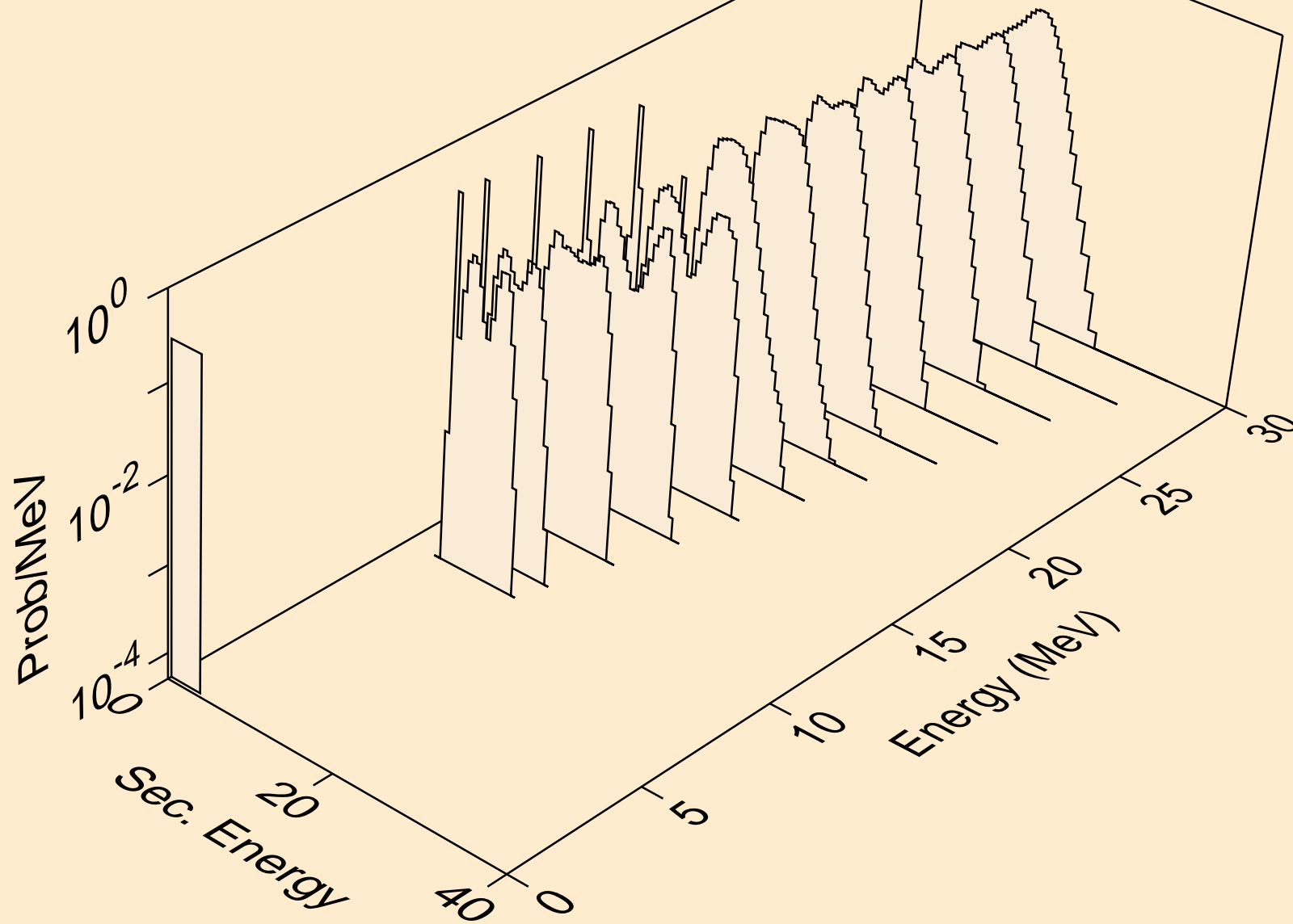




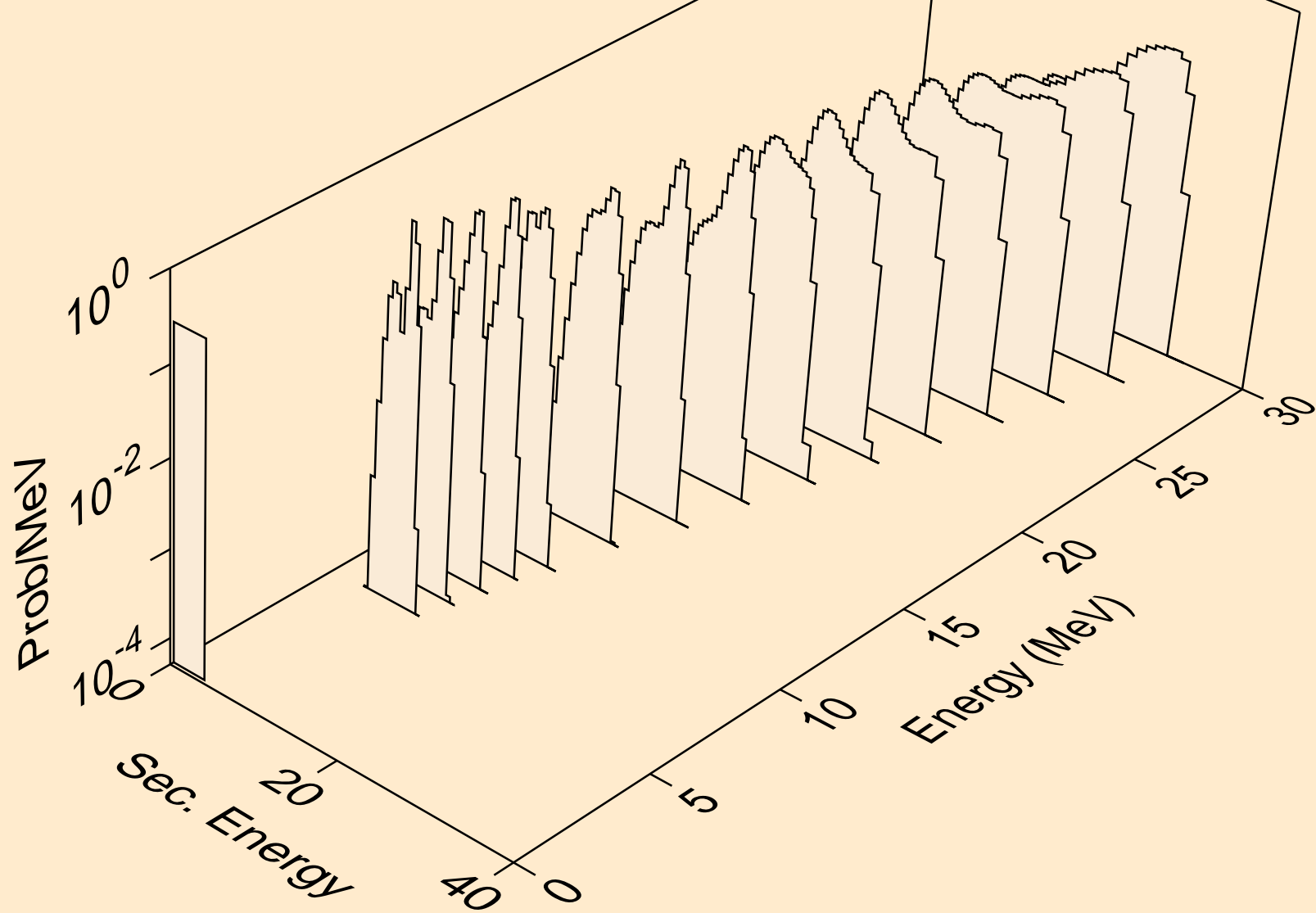
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alphas from (s,2a)



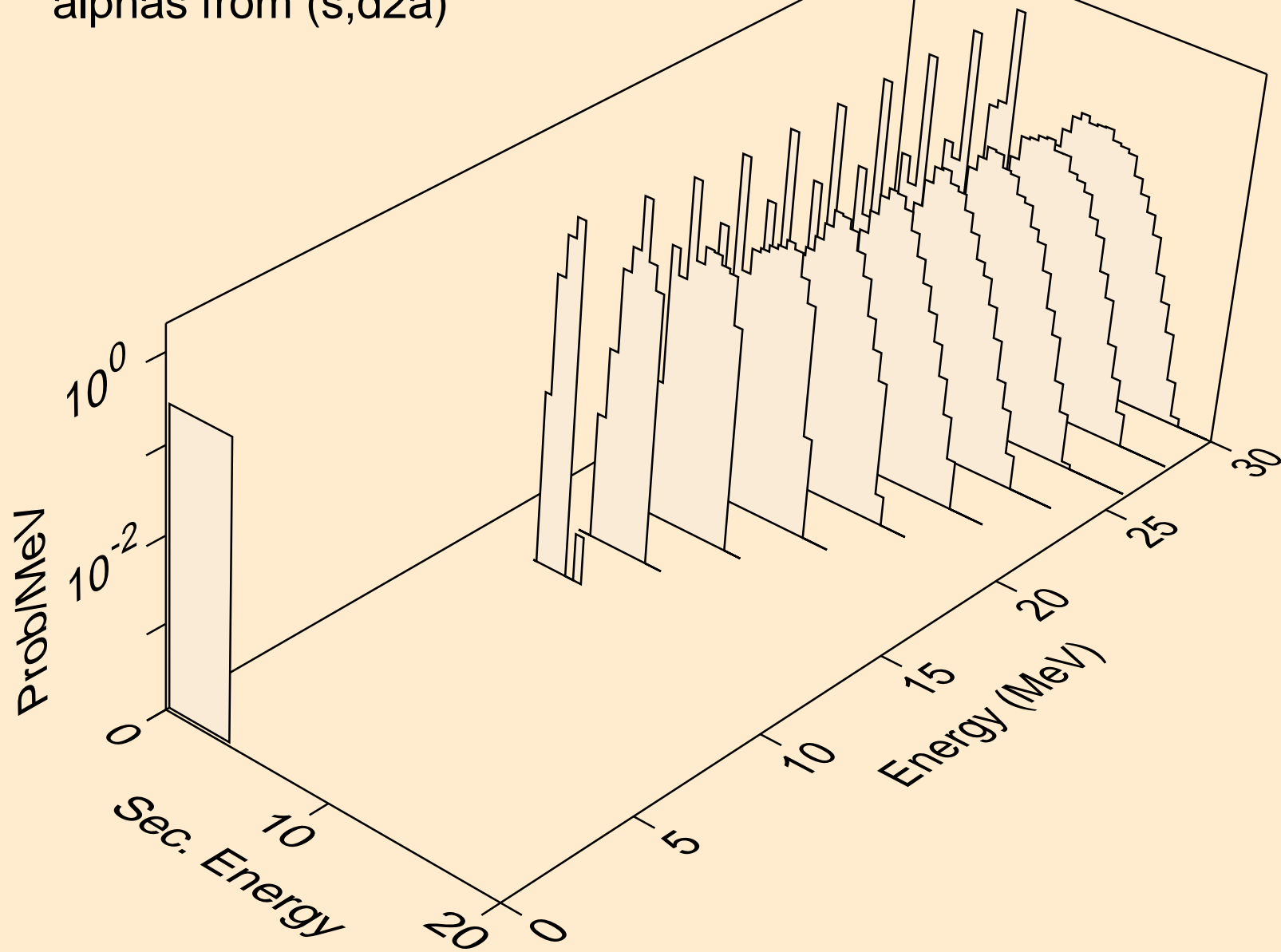
XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3a)



XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,d2a)



XE114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

