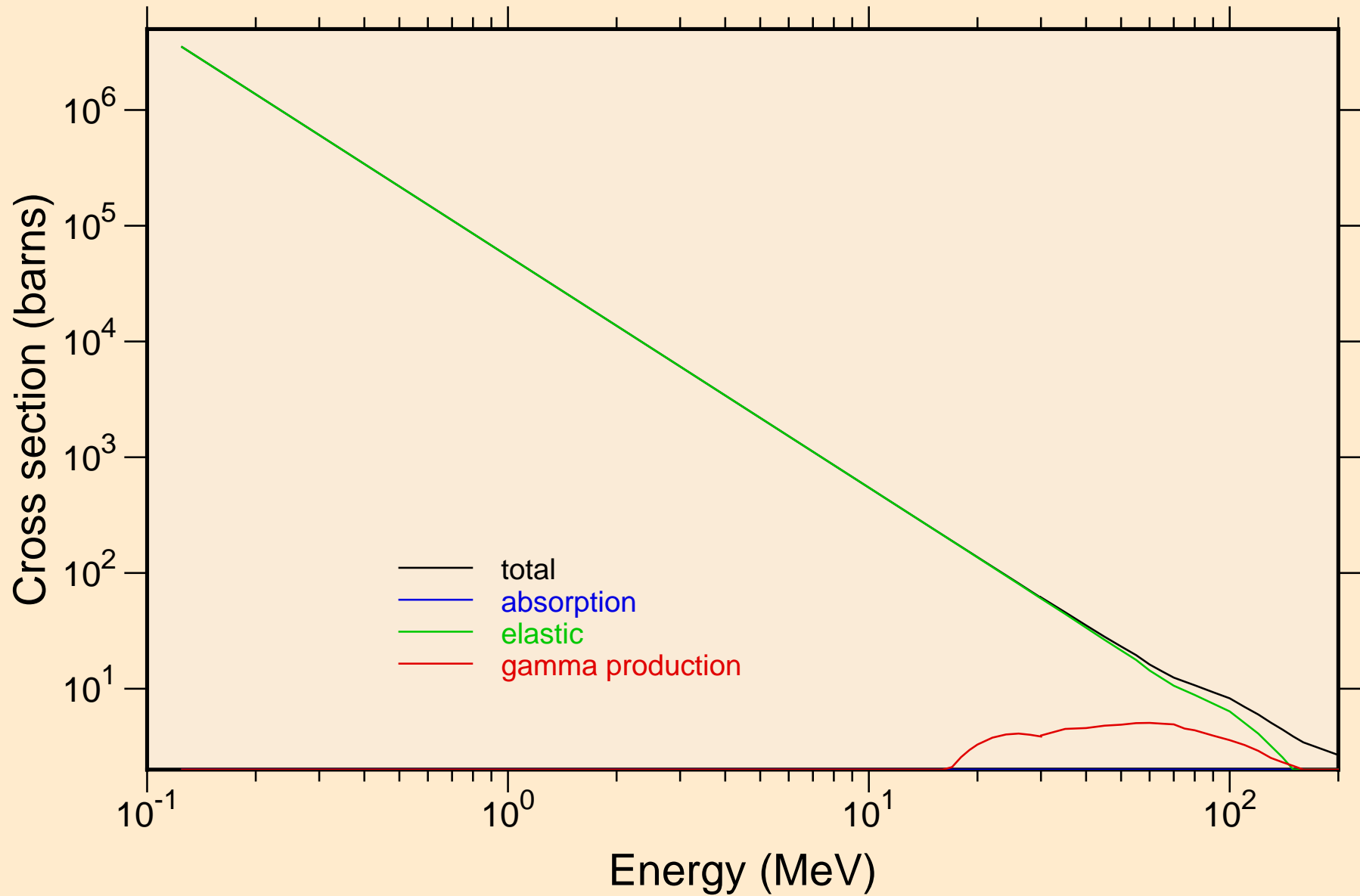
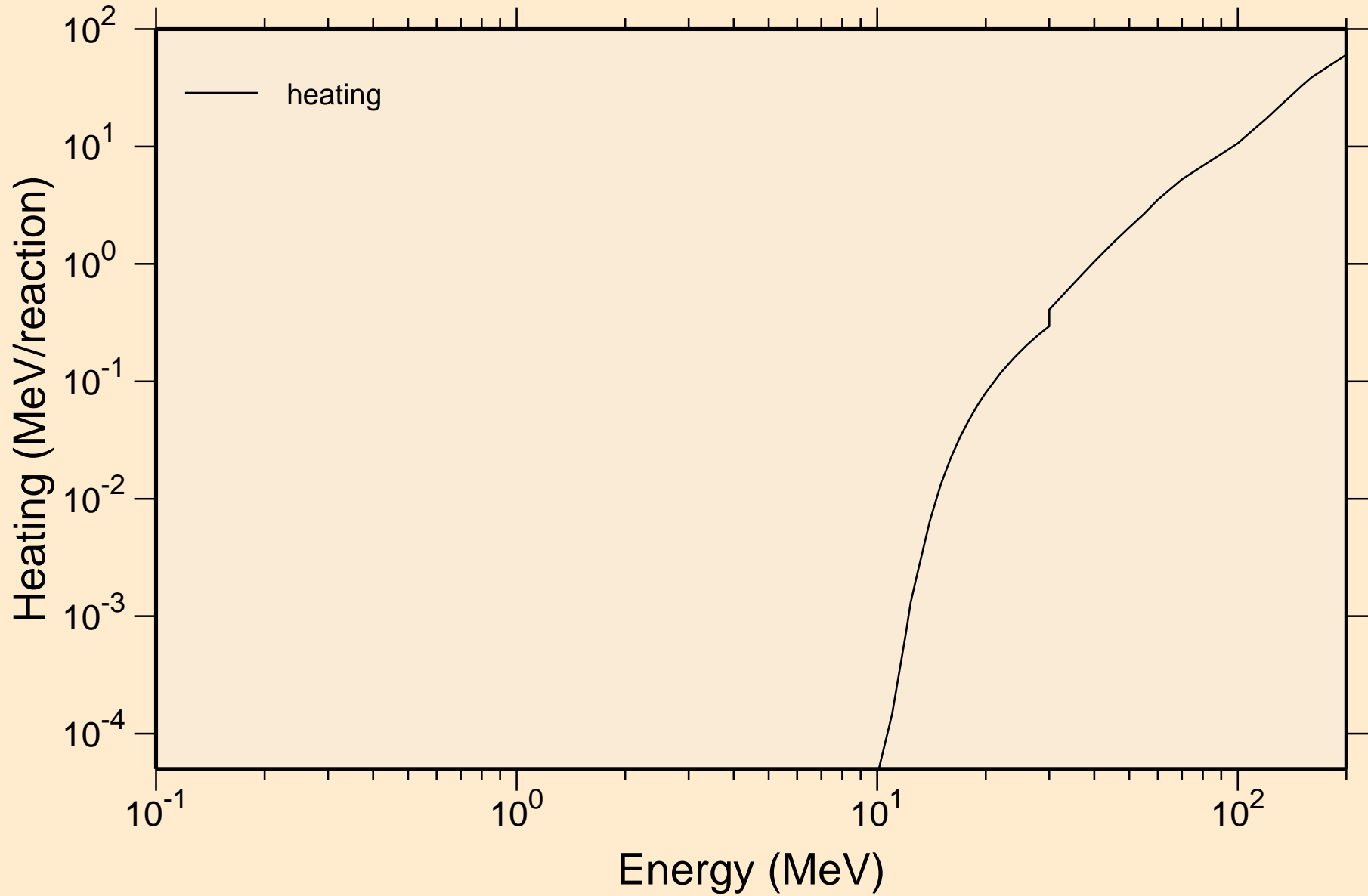


PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



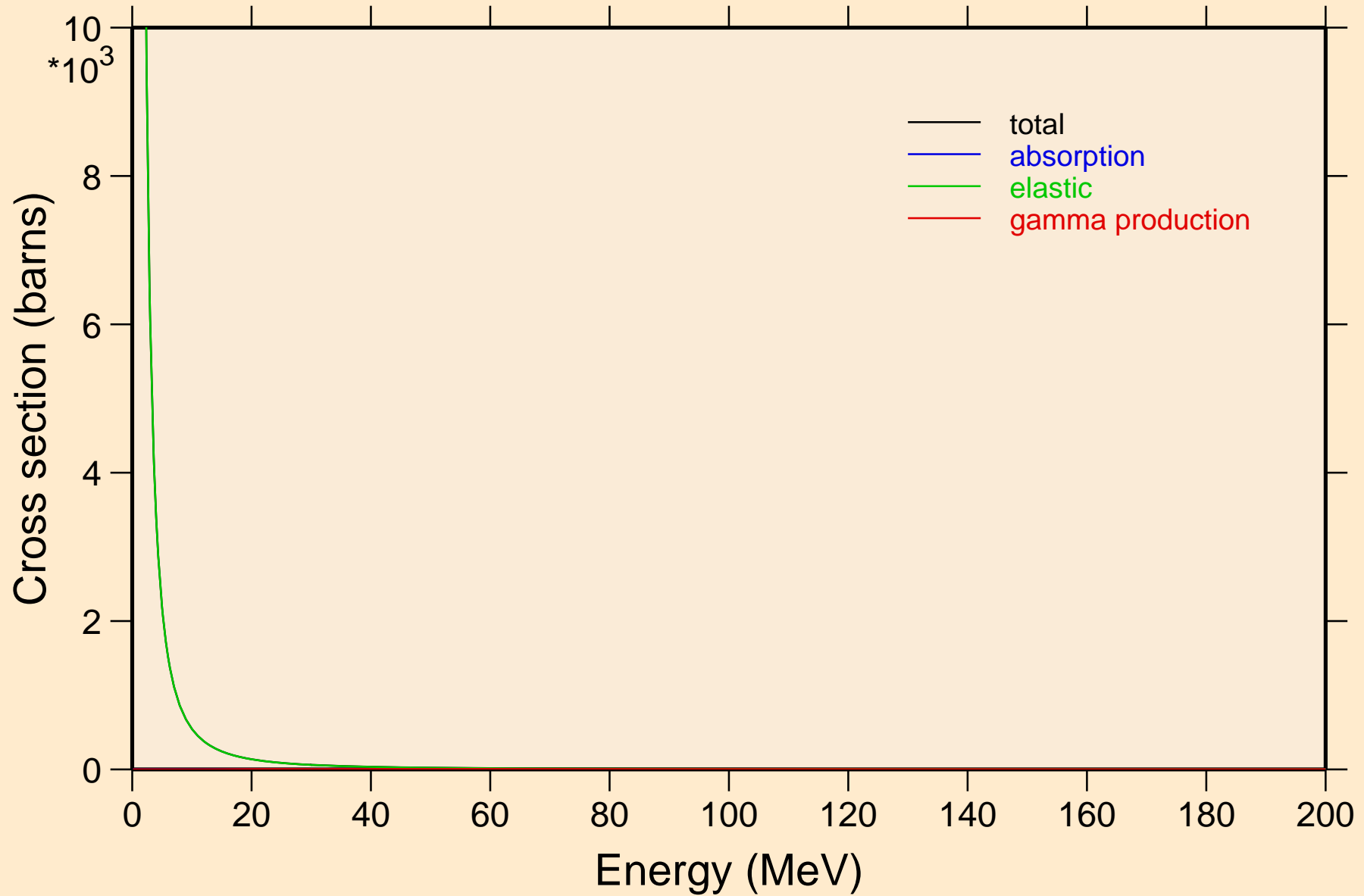
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



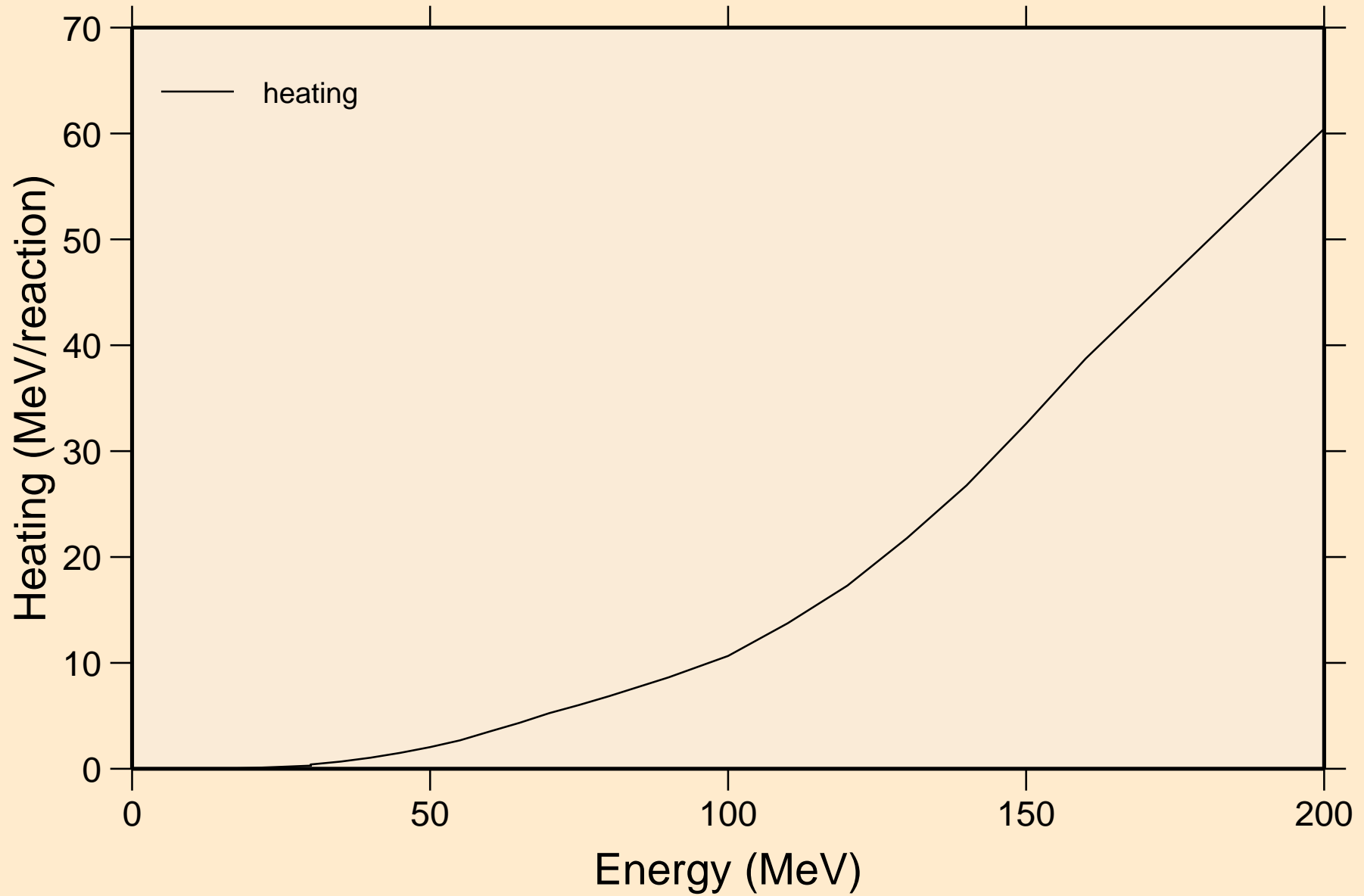
# PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

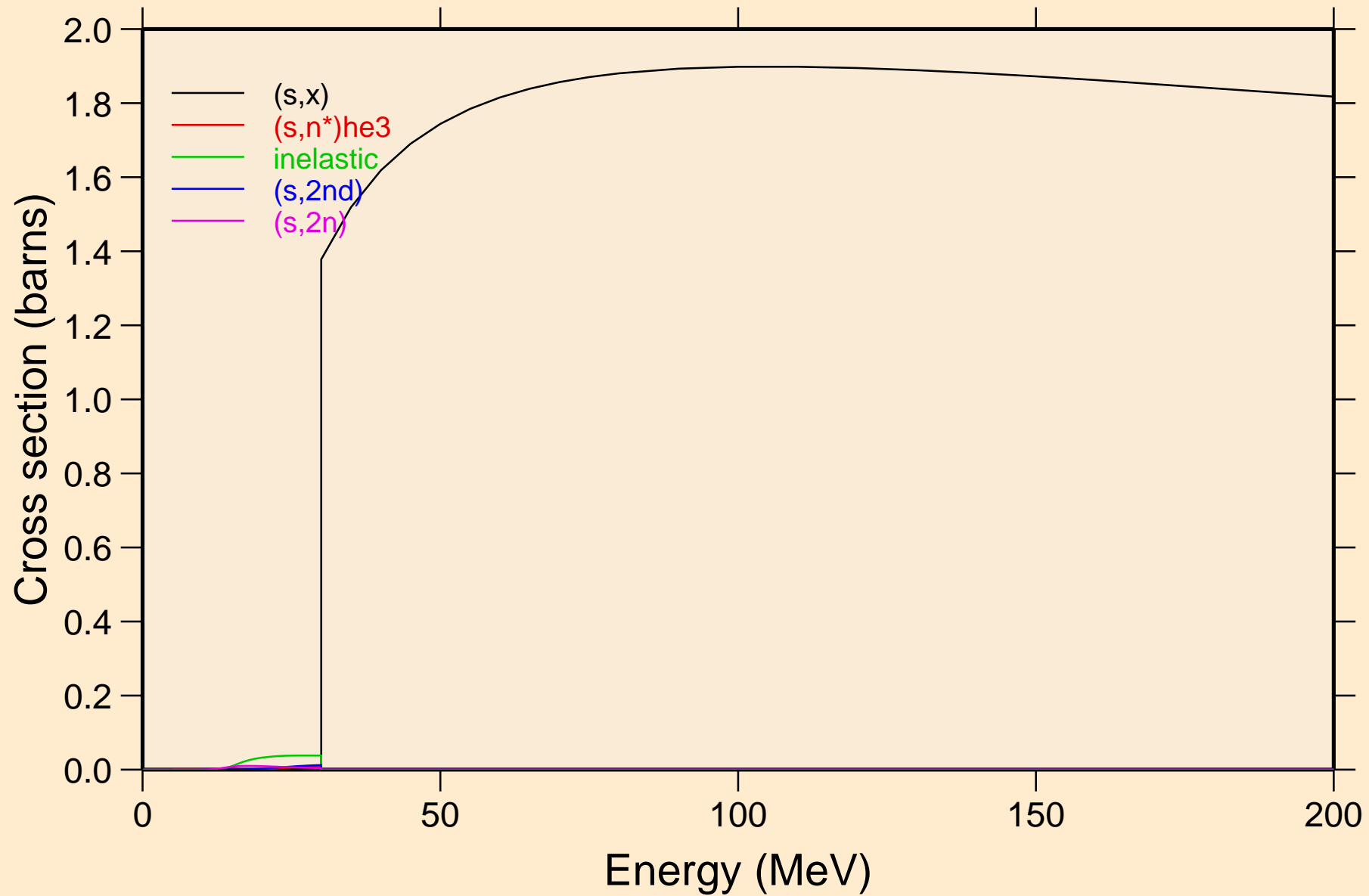


PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K

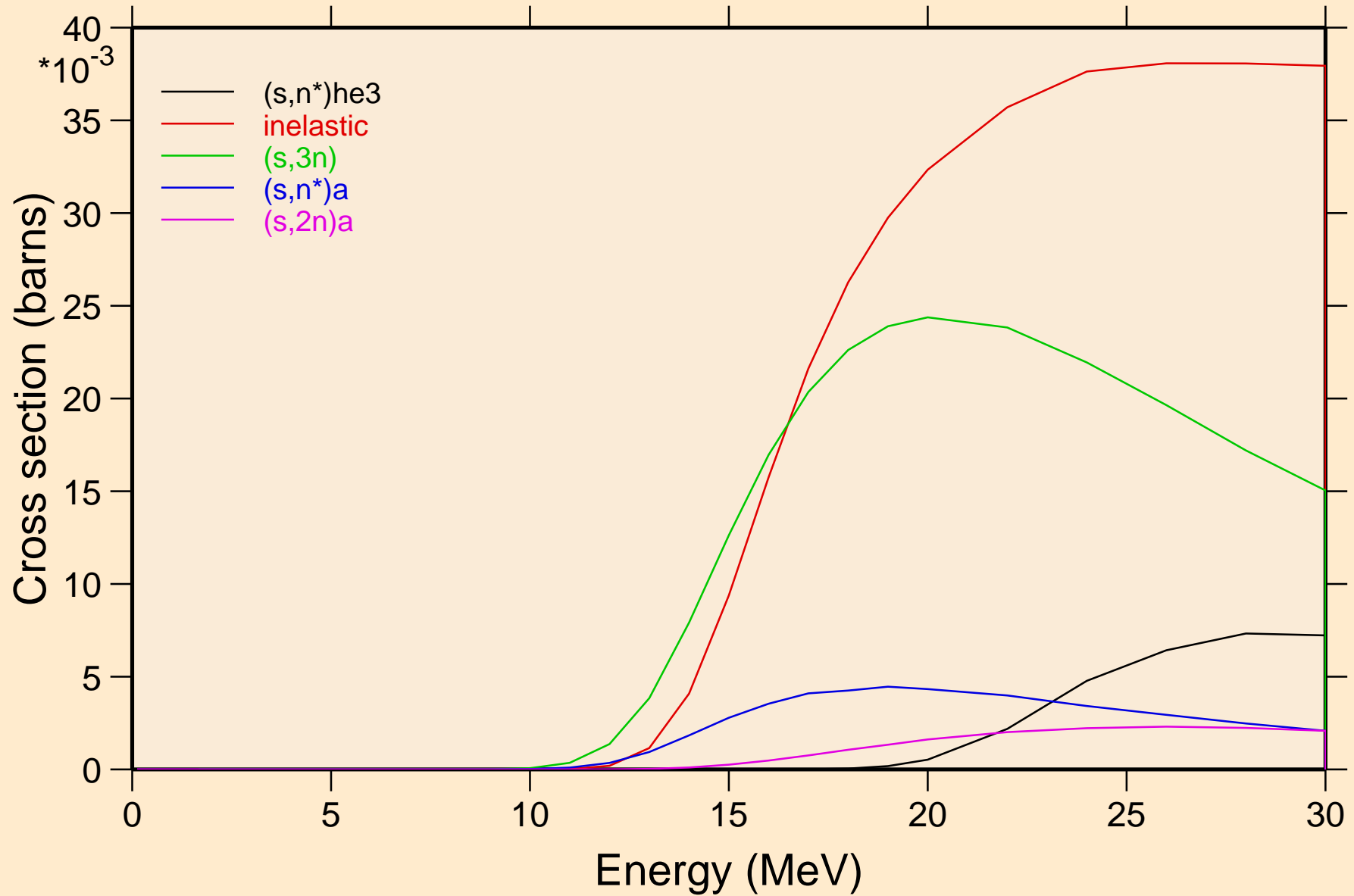
Heating



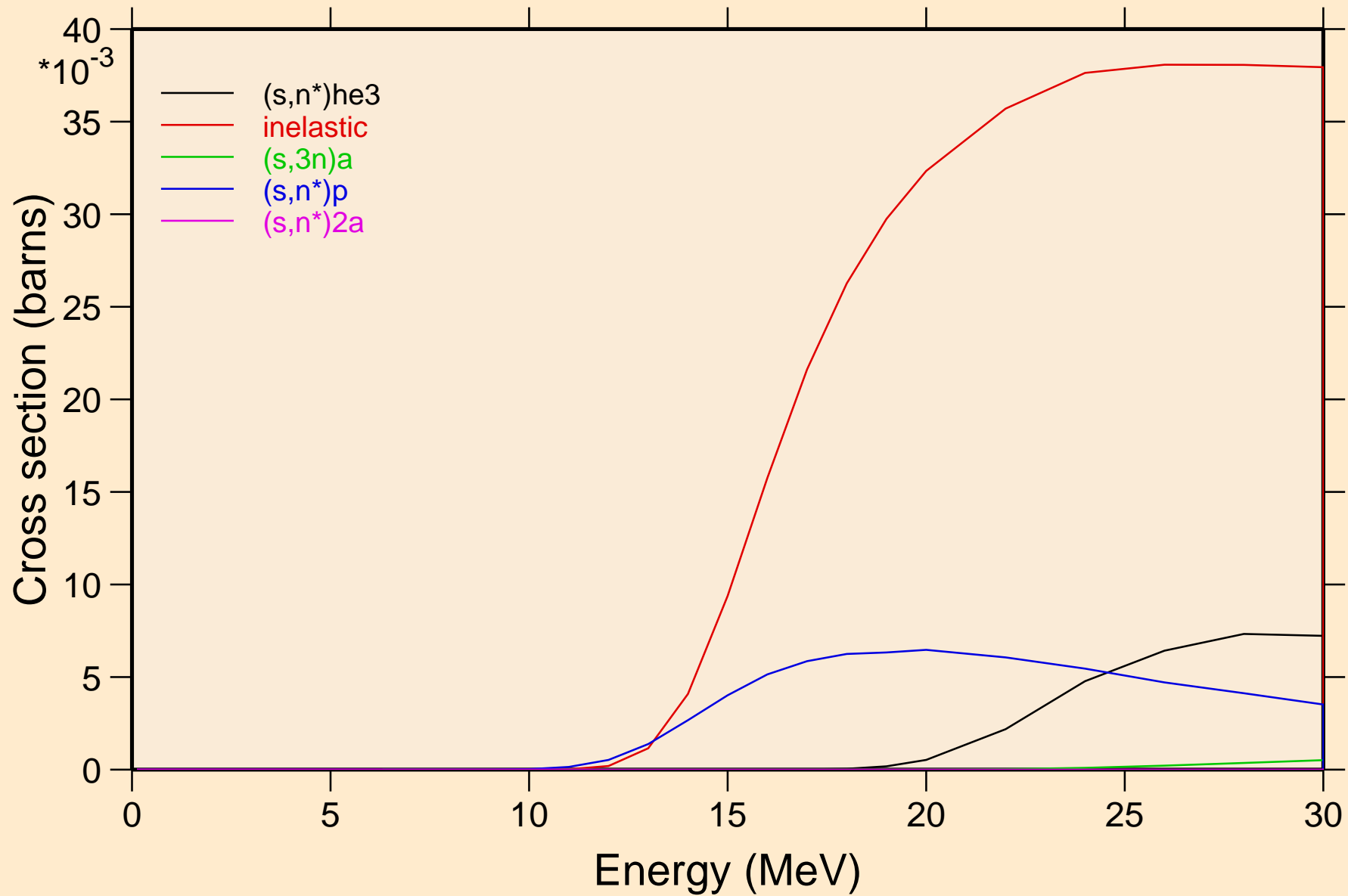
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Threshold reactions



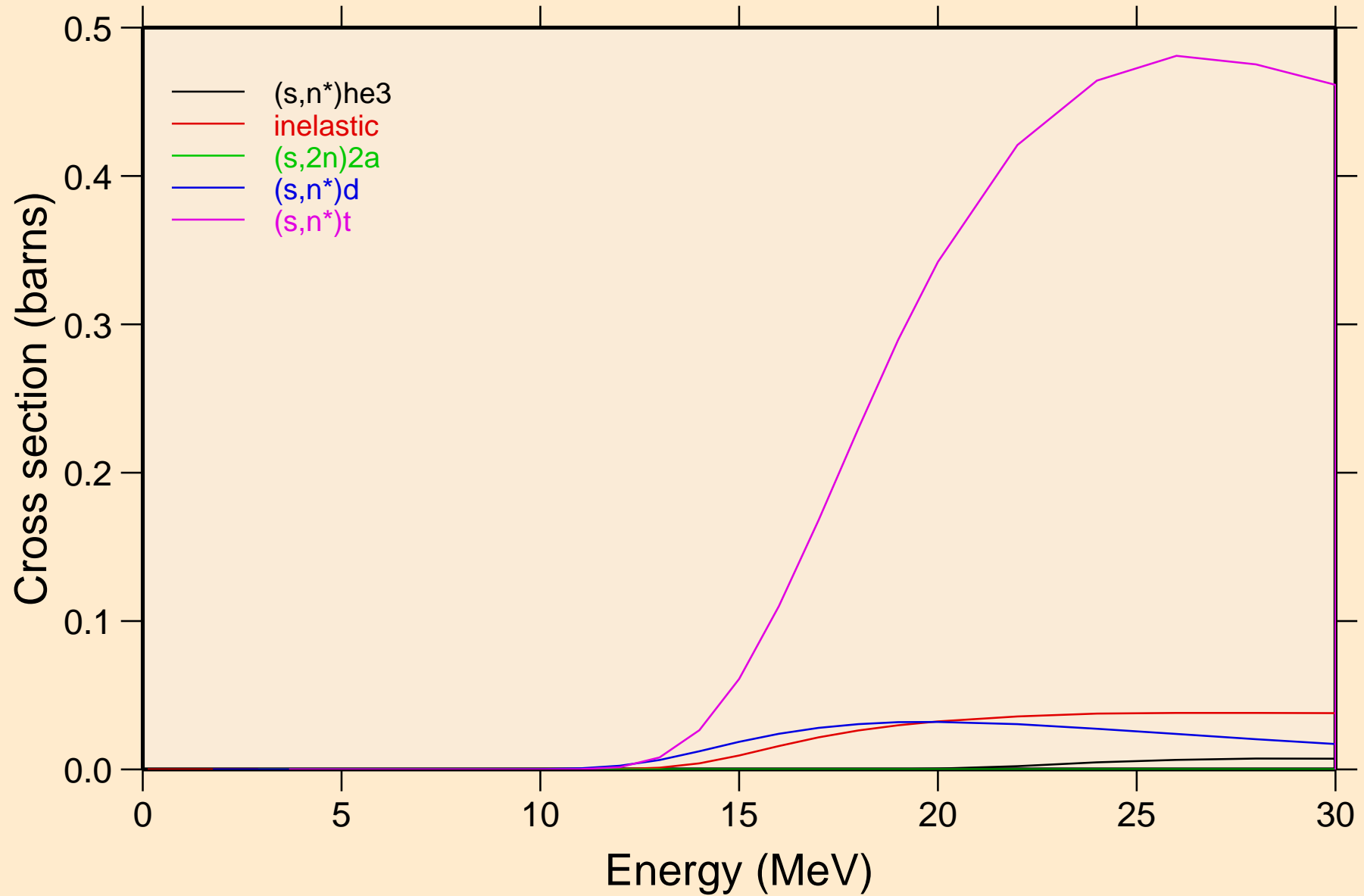
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Threshold reactions



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

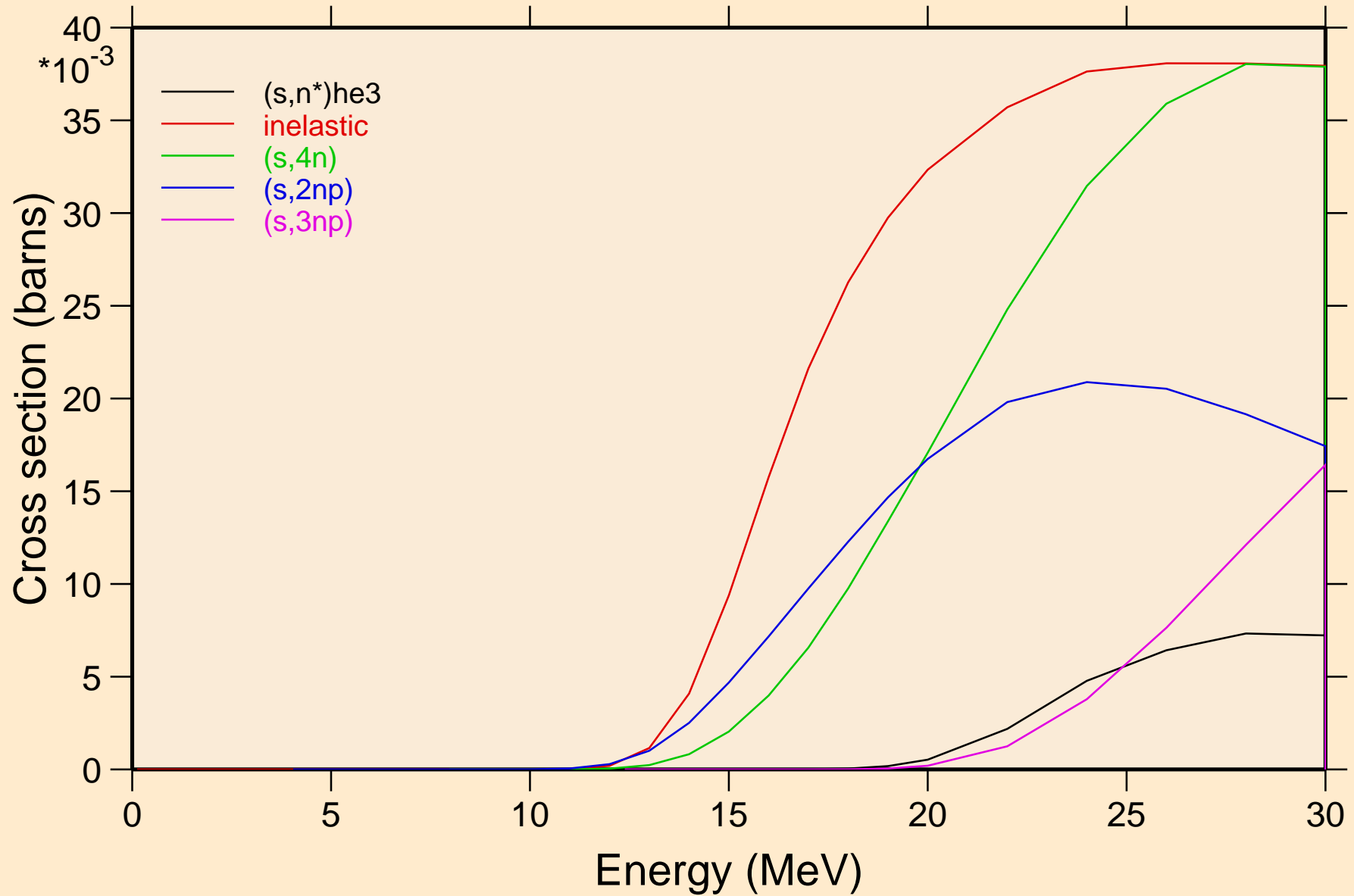


PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

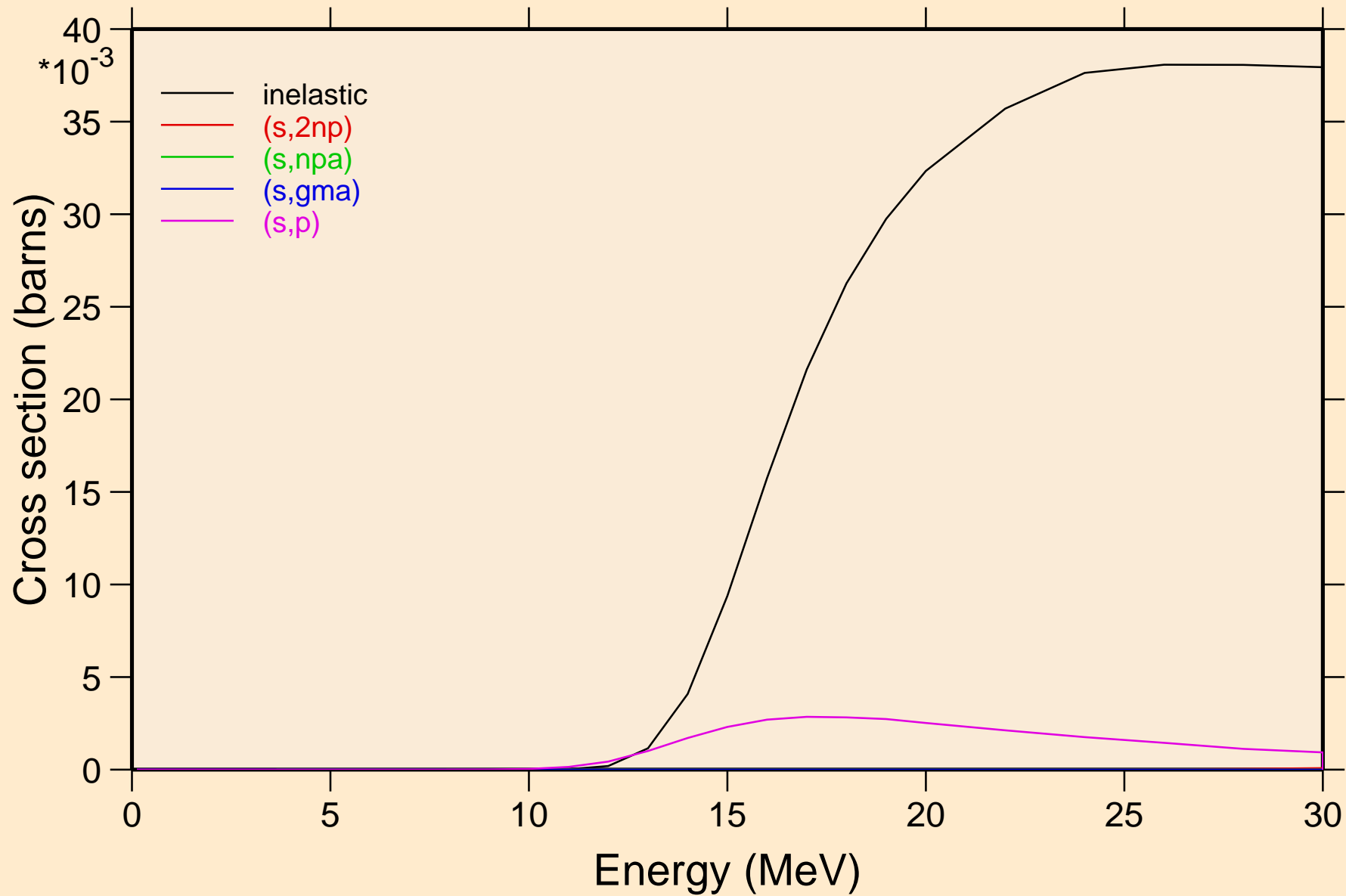




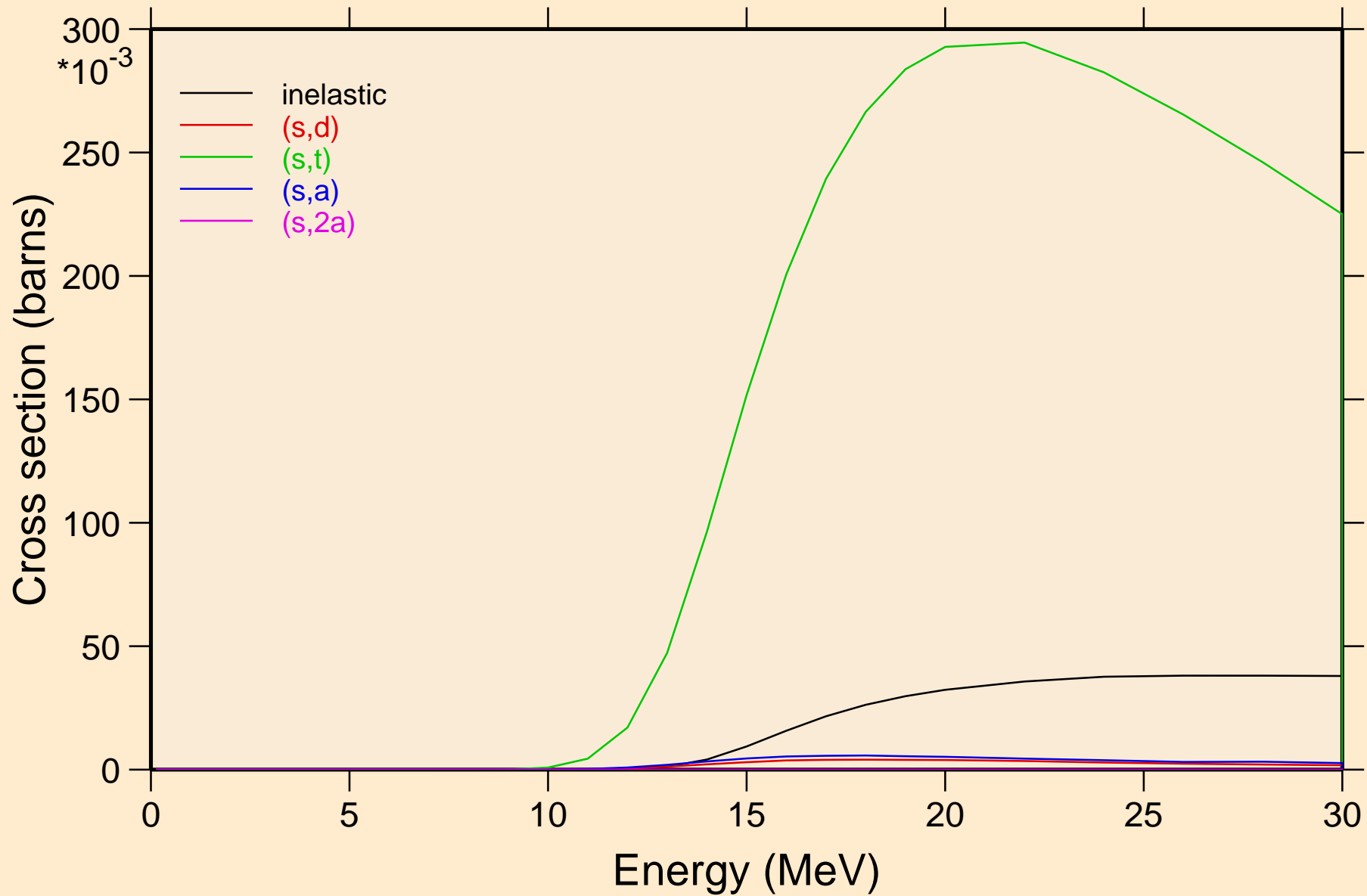
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Threshold reactions



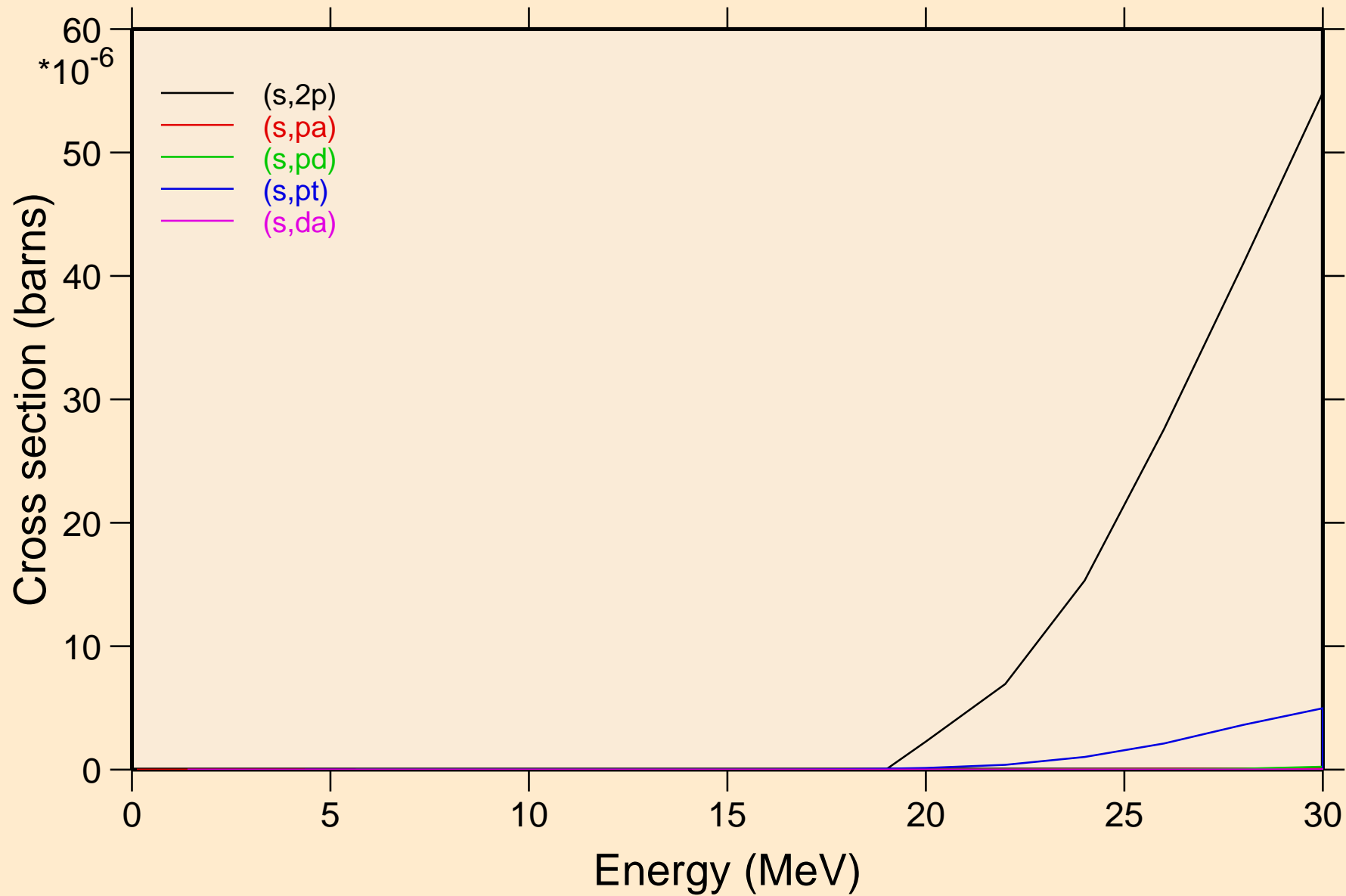
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Threshold reactions



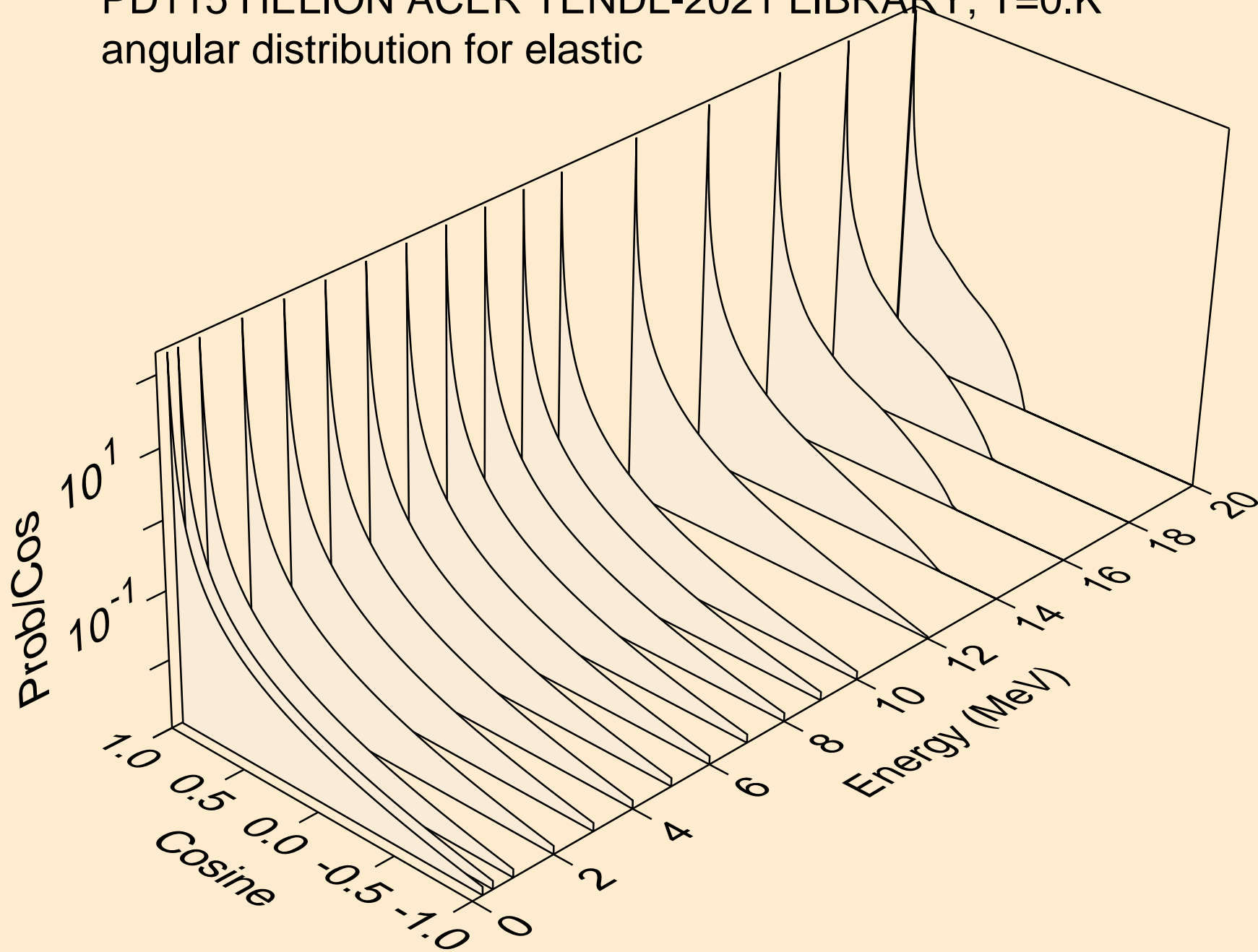
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Threshold reactions



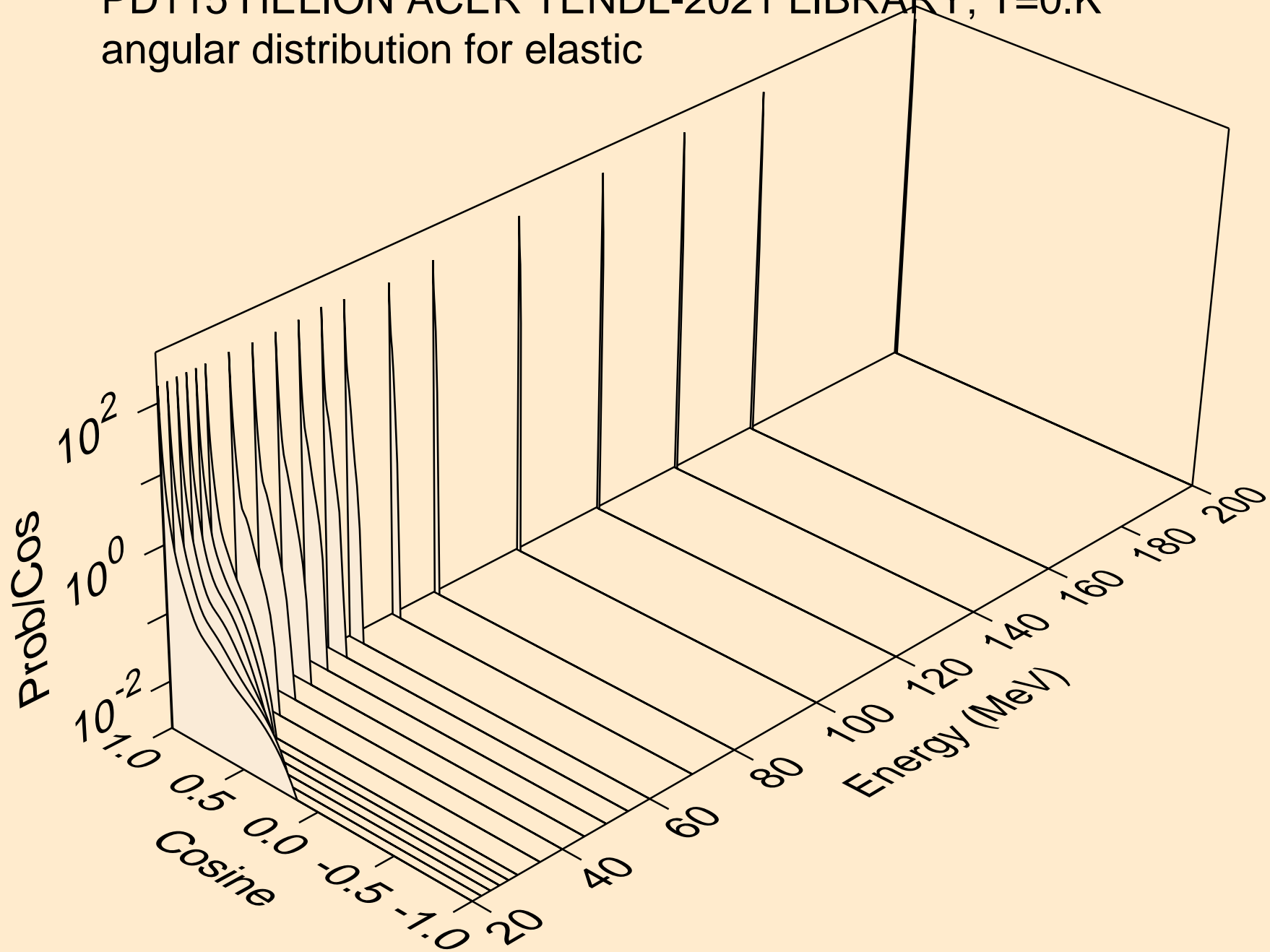
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Threshold reactions



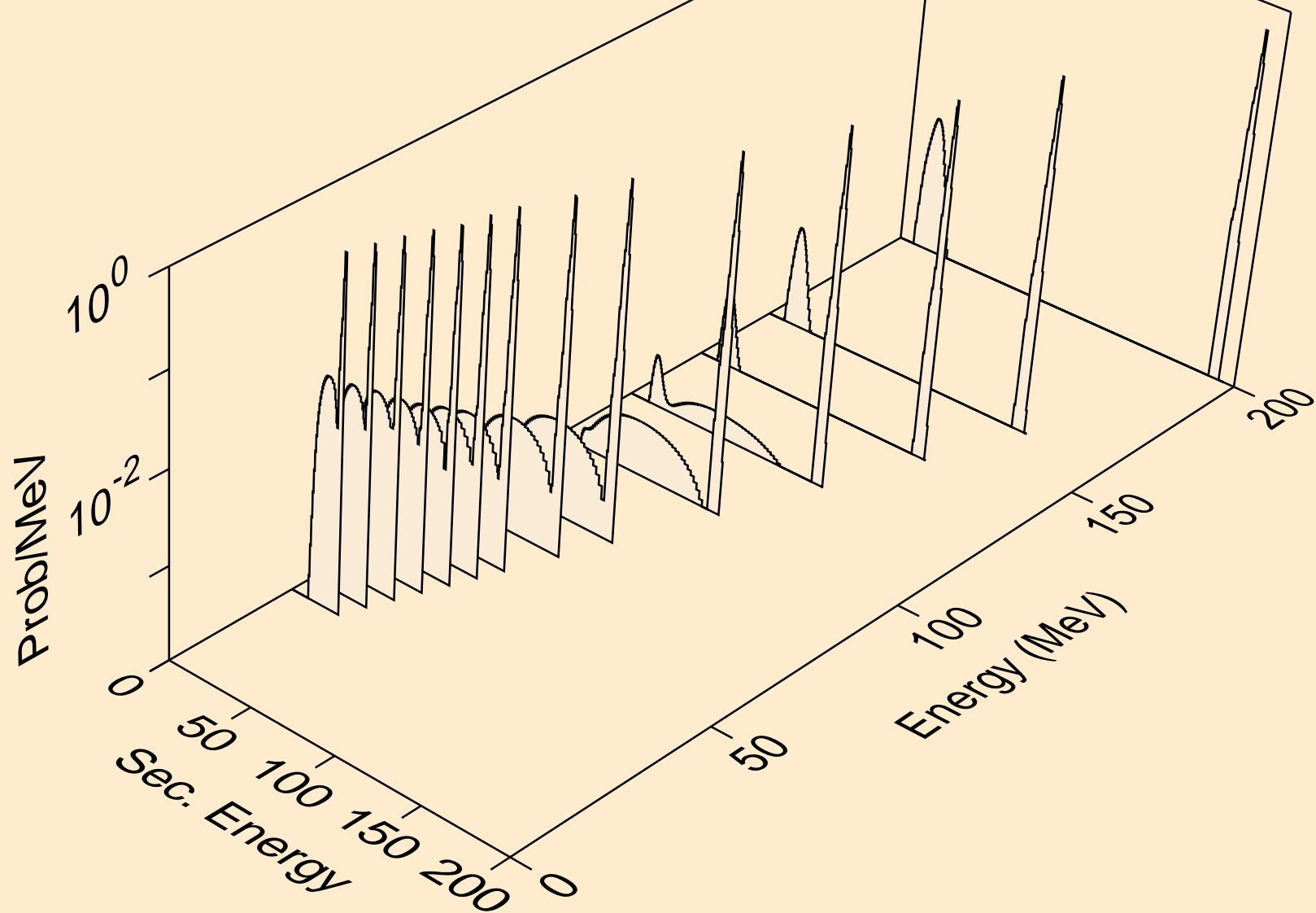
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



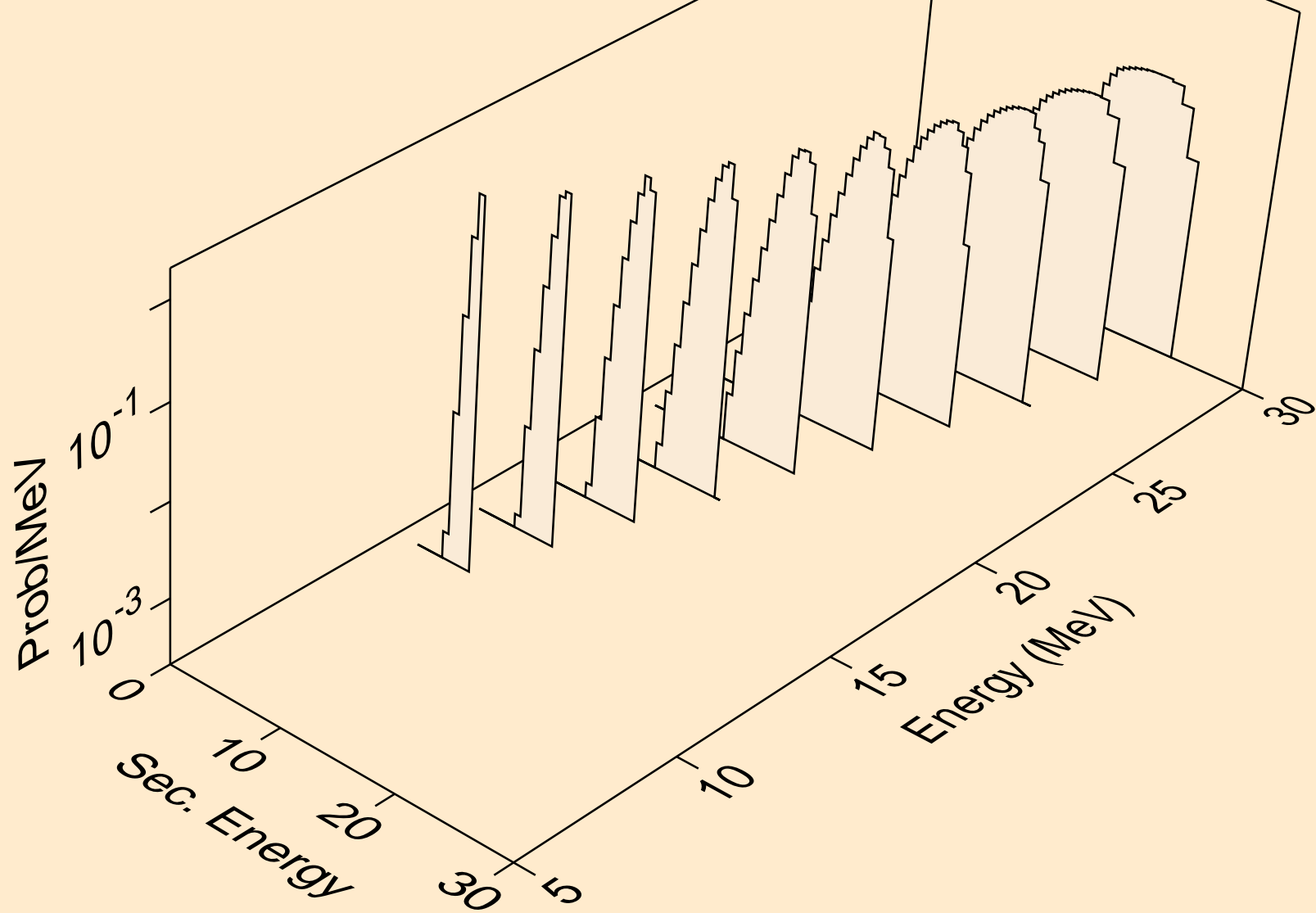
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

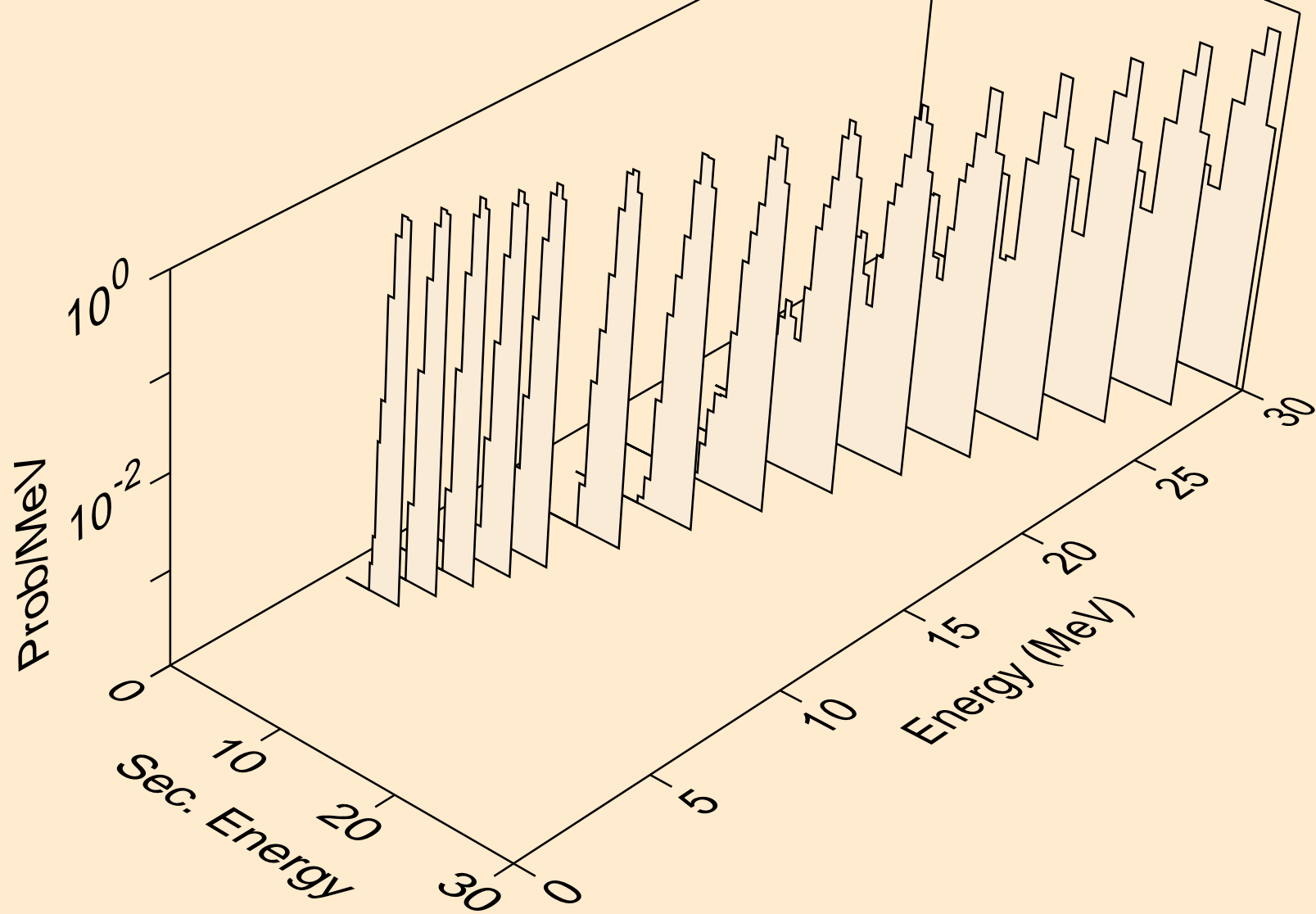


PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

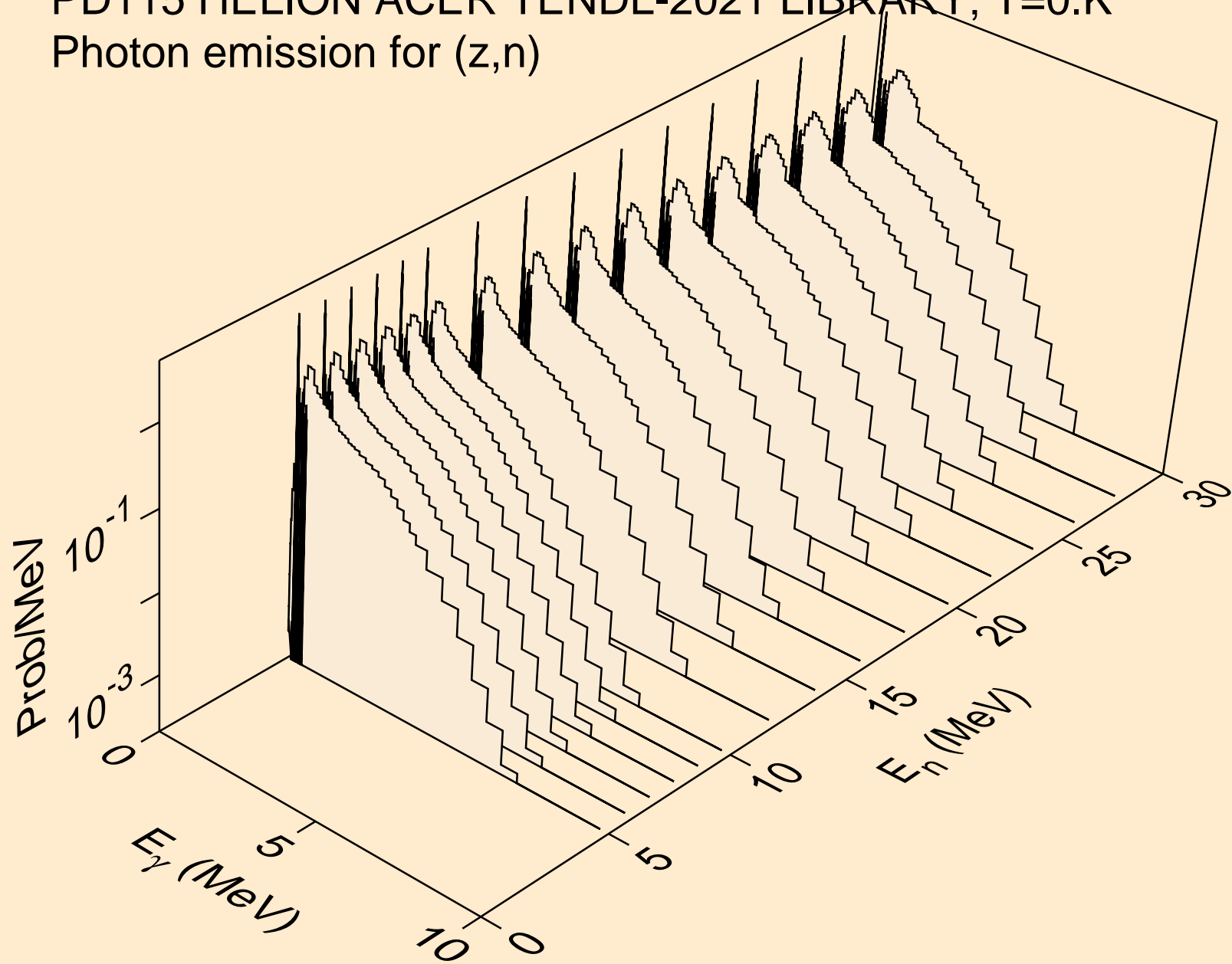




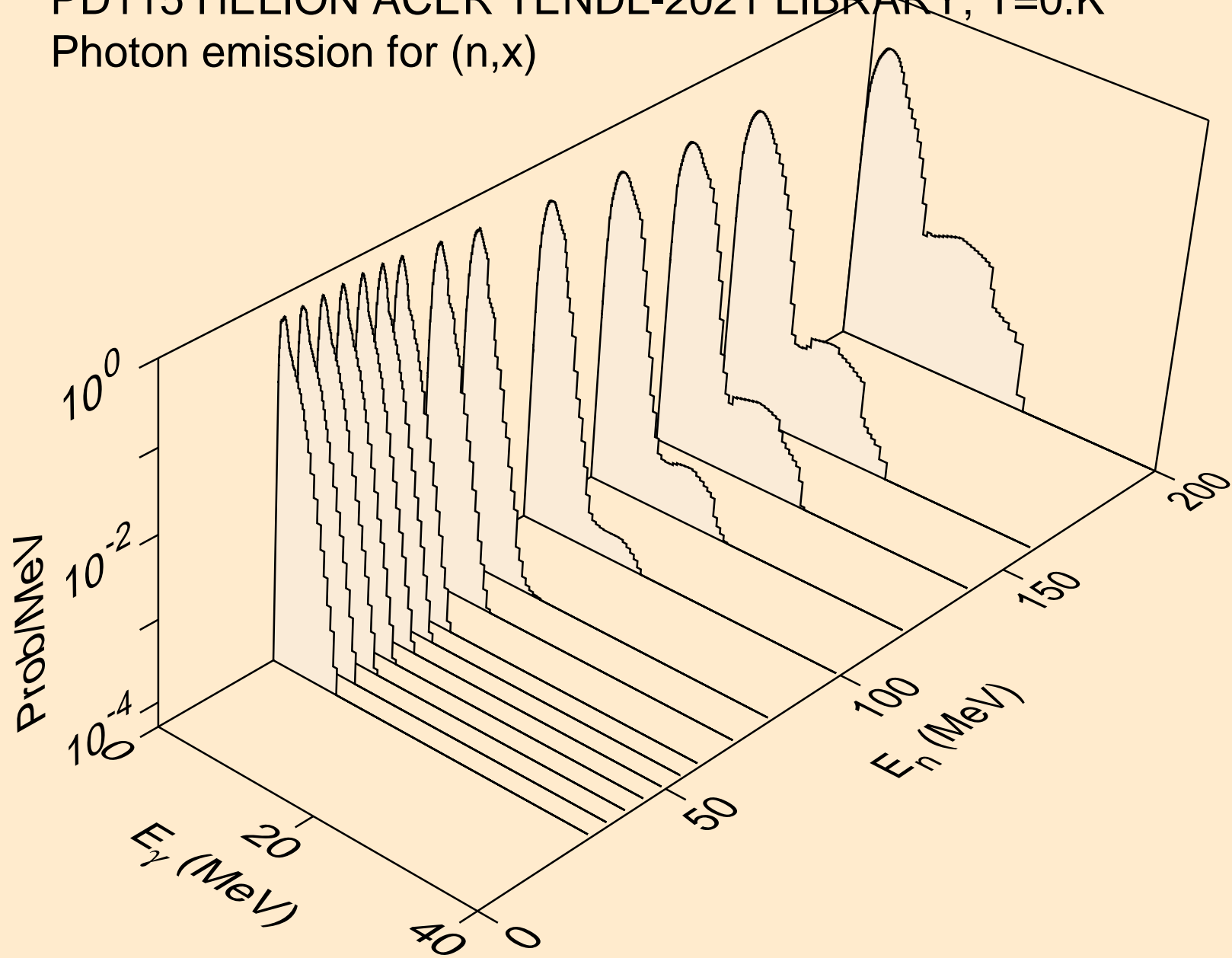
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



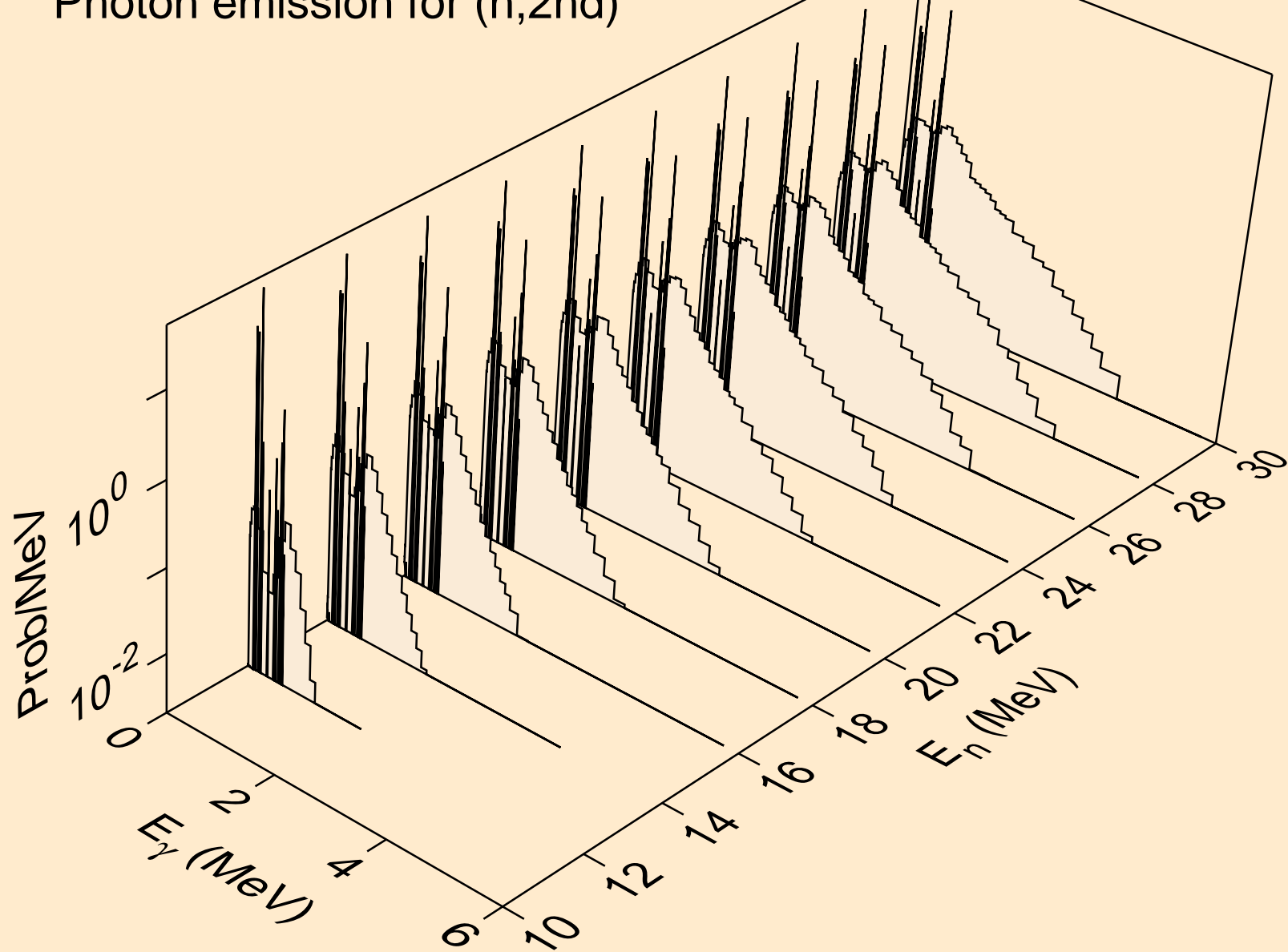
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



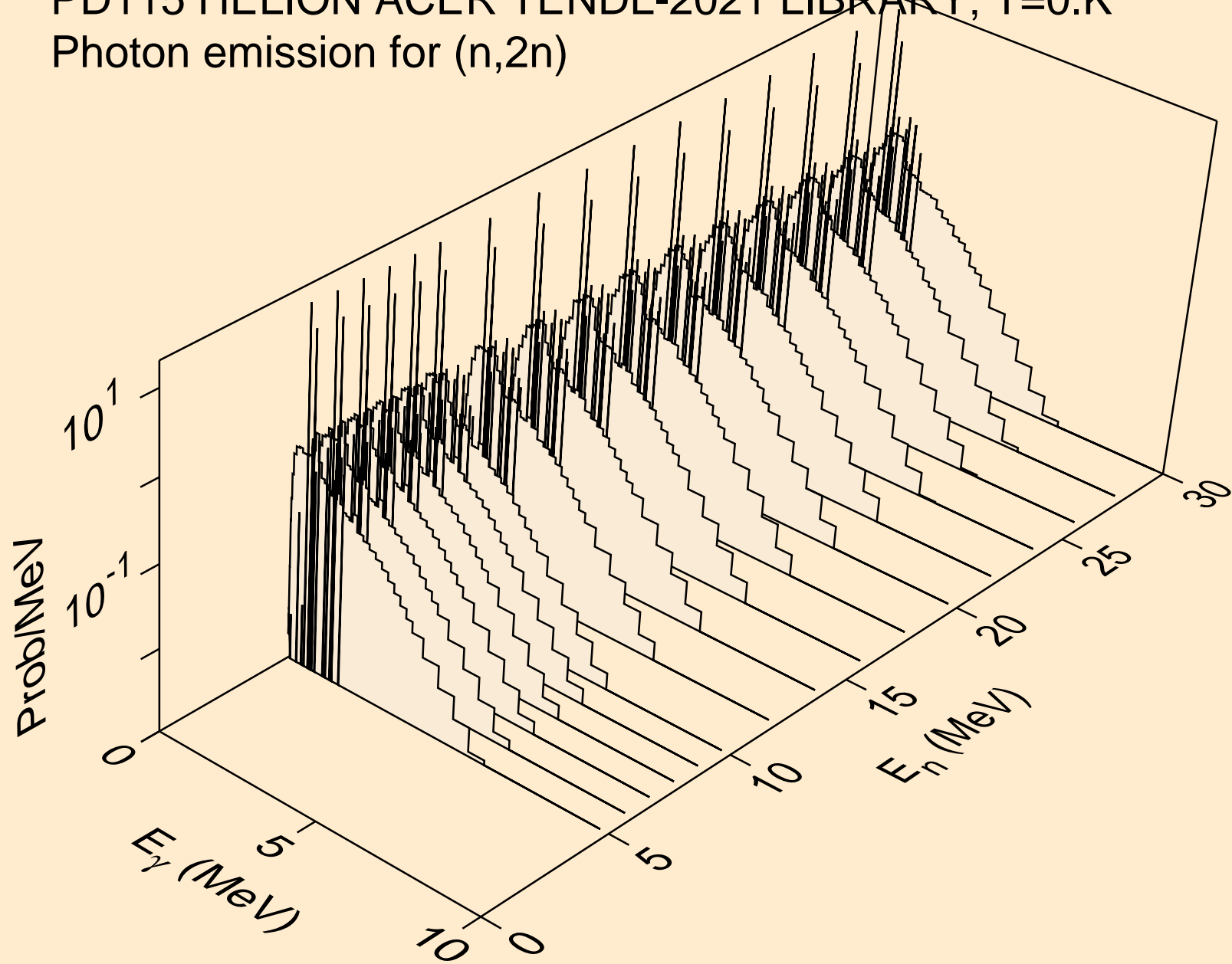
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Photon emission for (n,x)



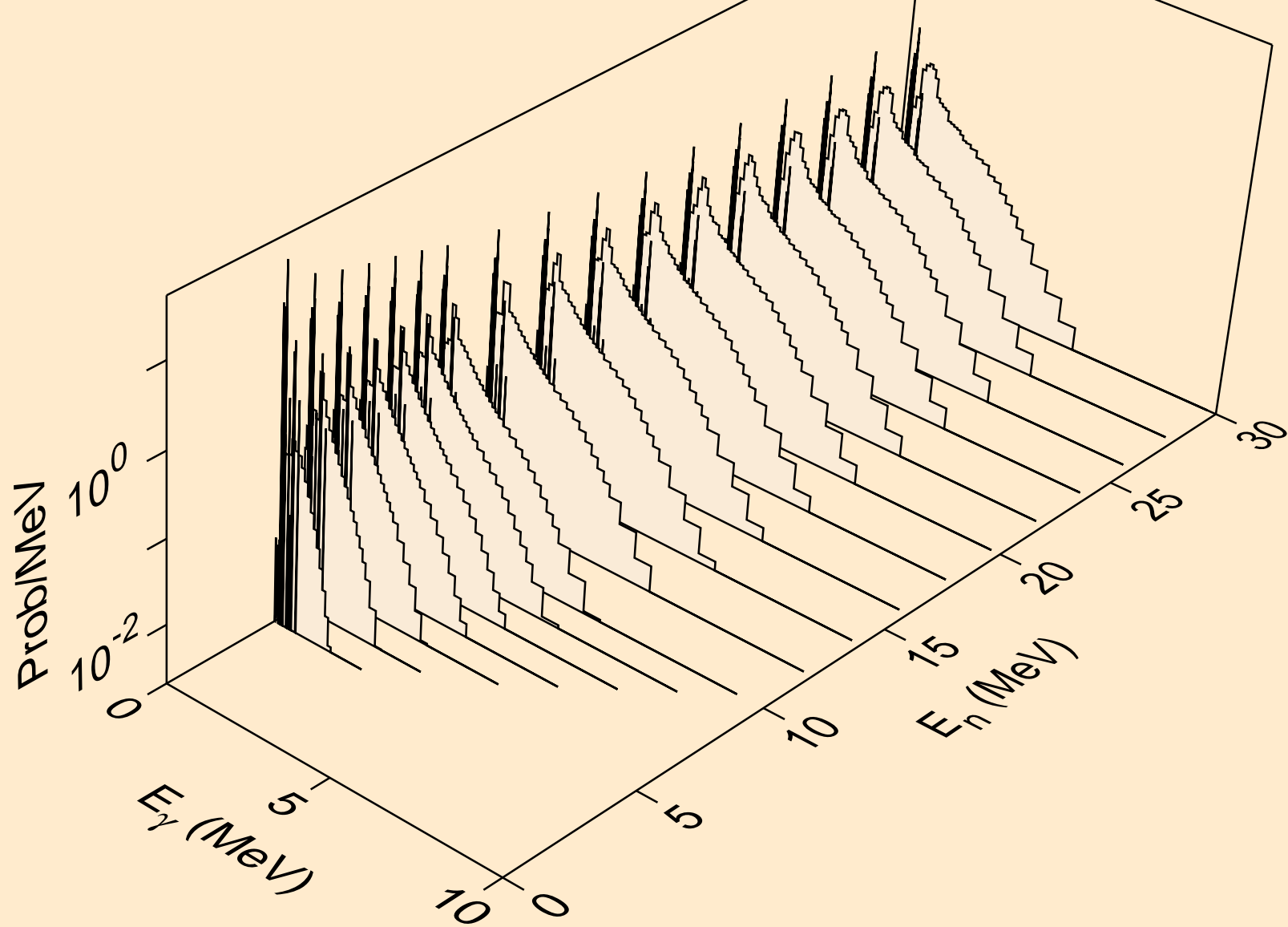
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



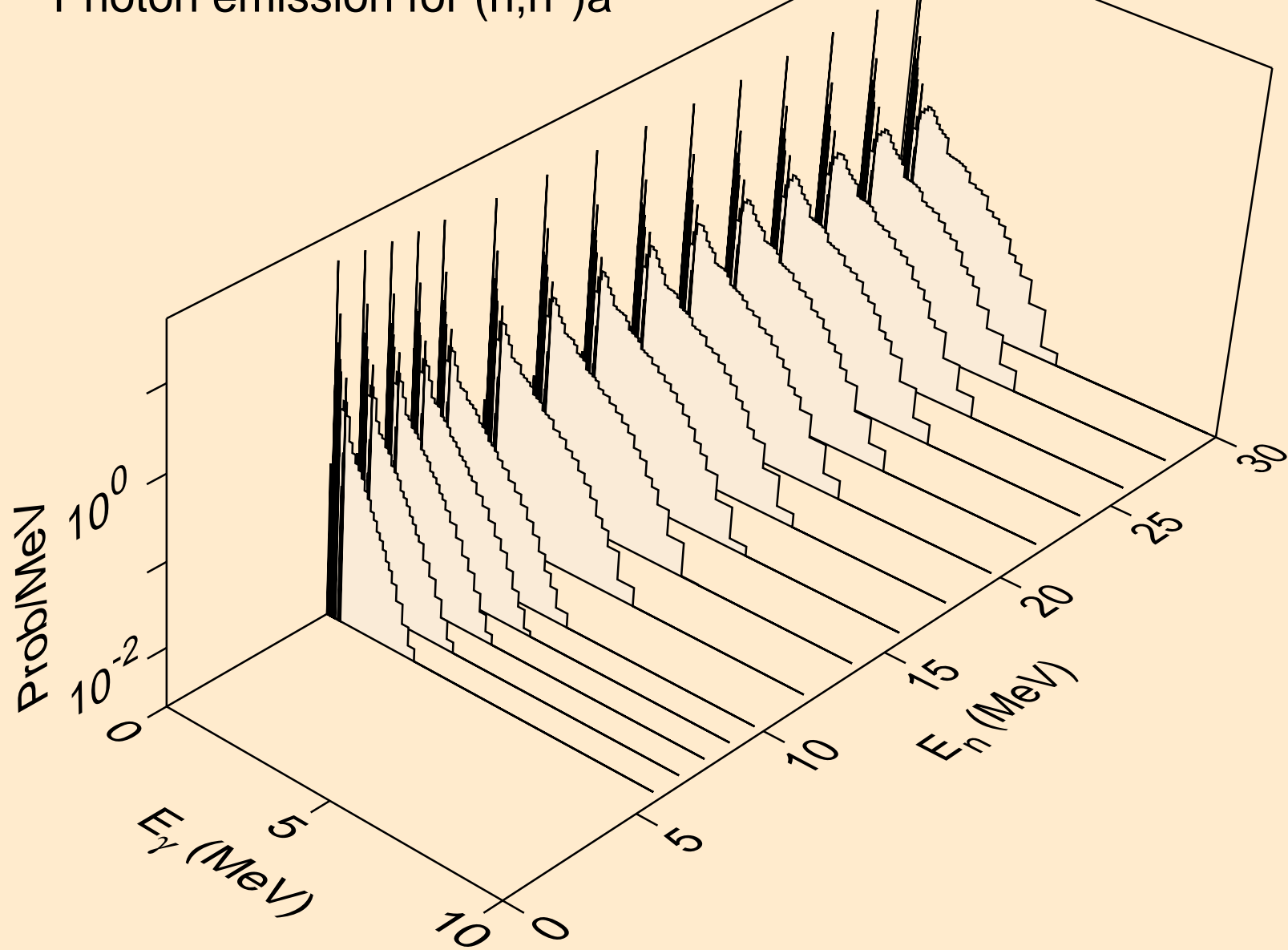
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



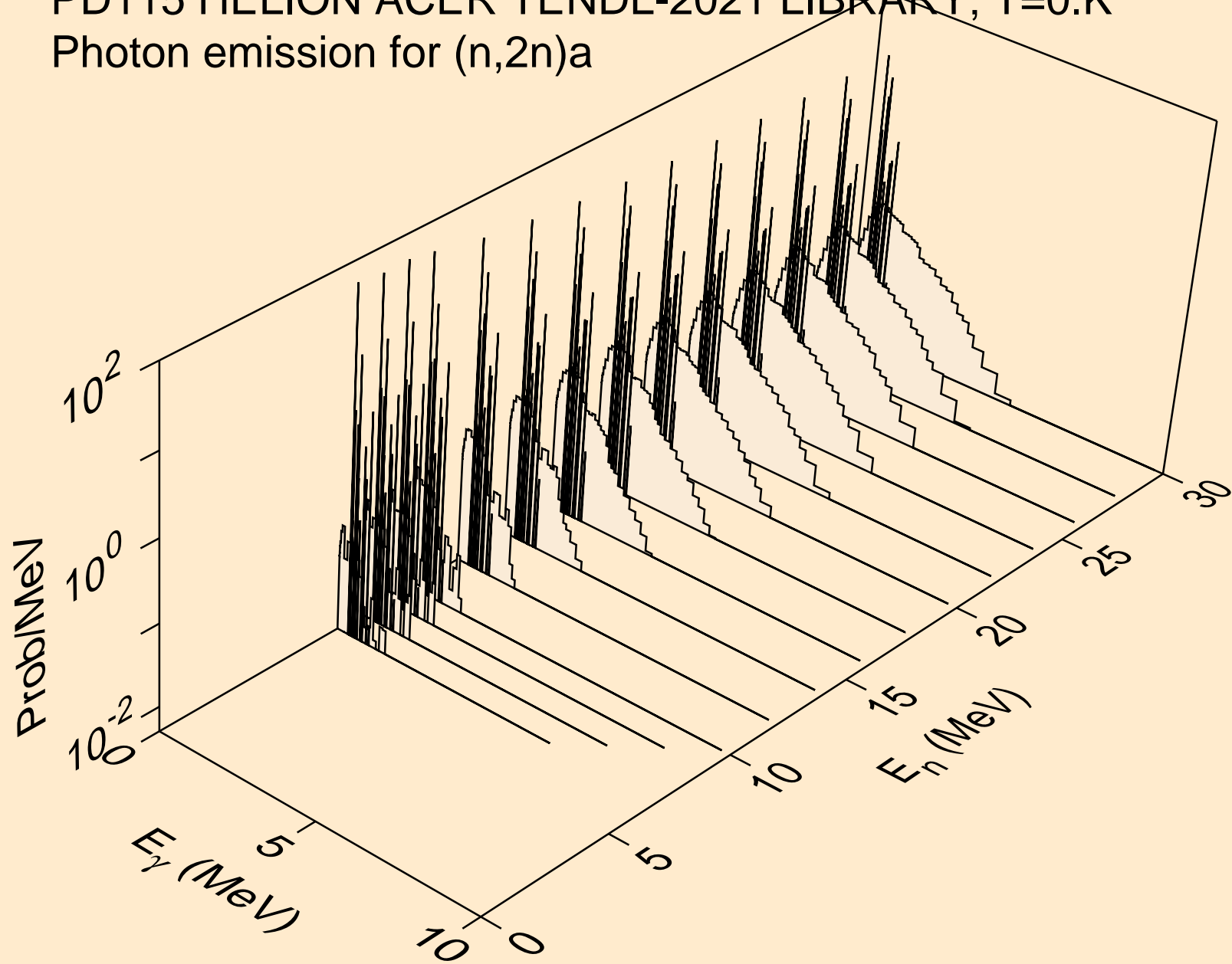
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

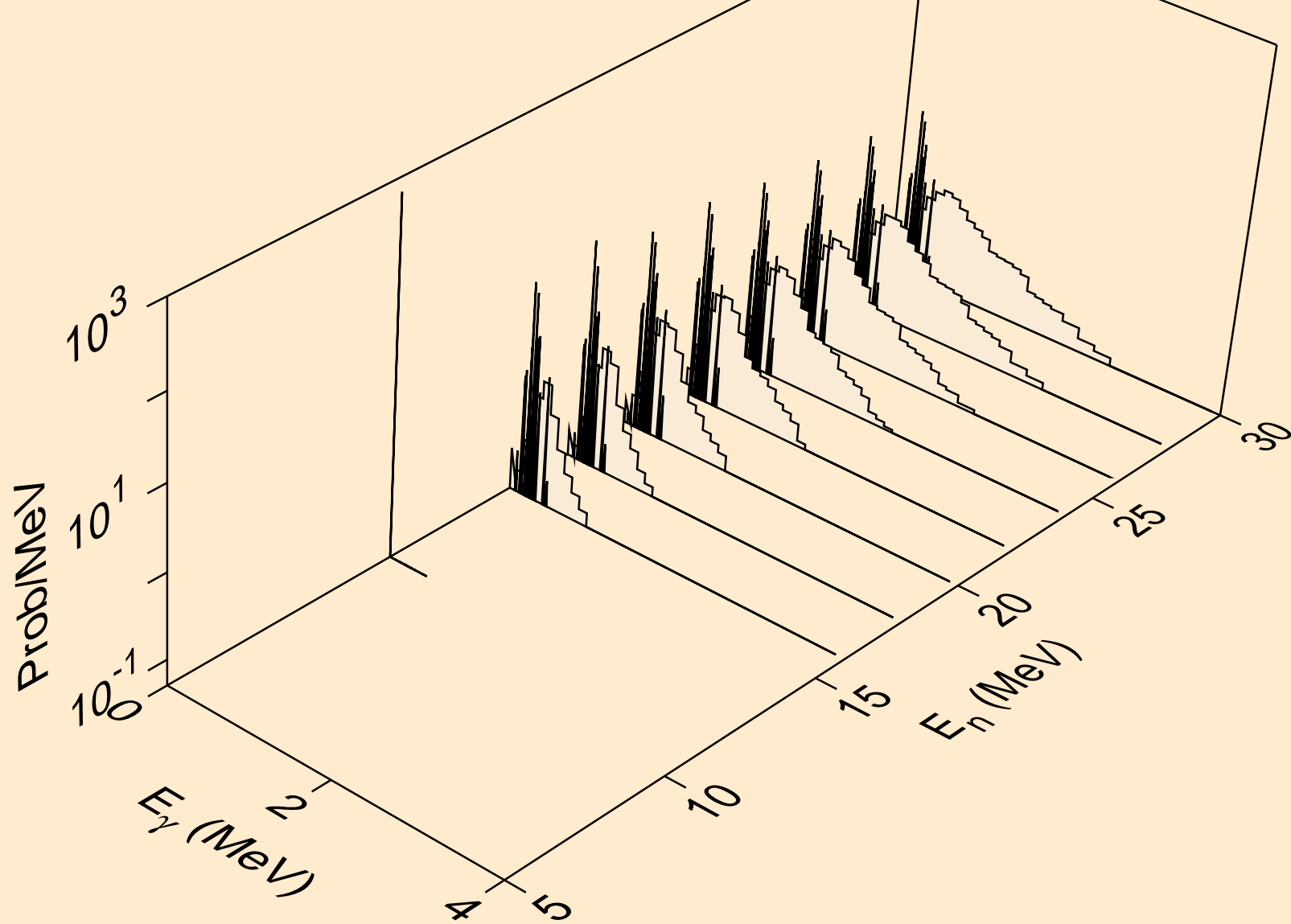


PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

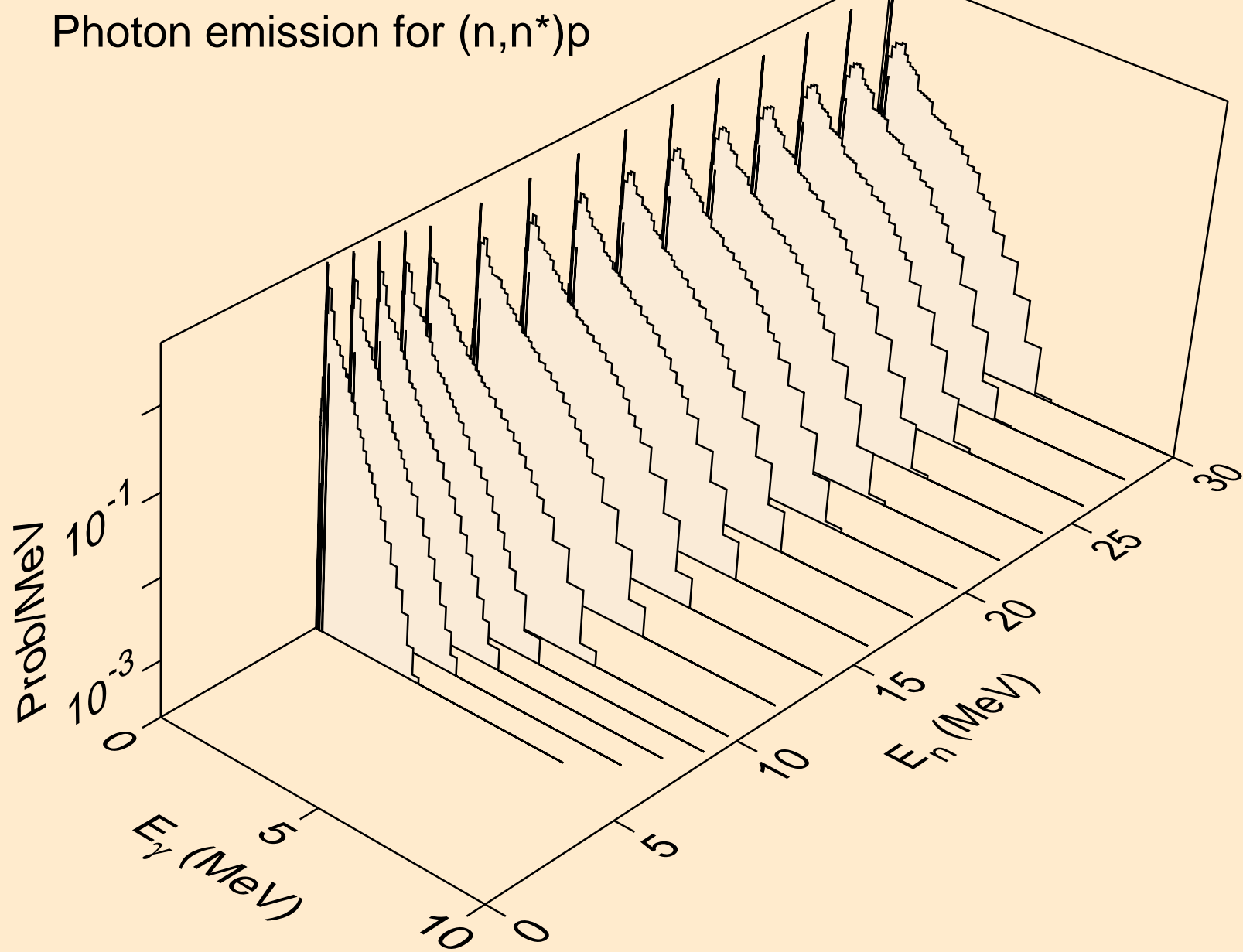




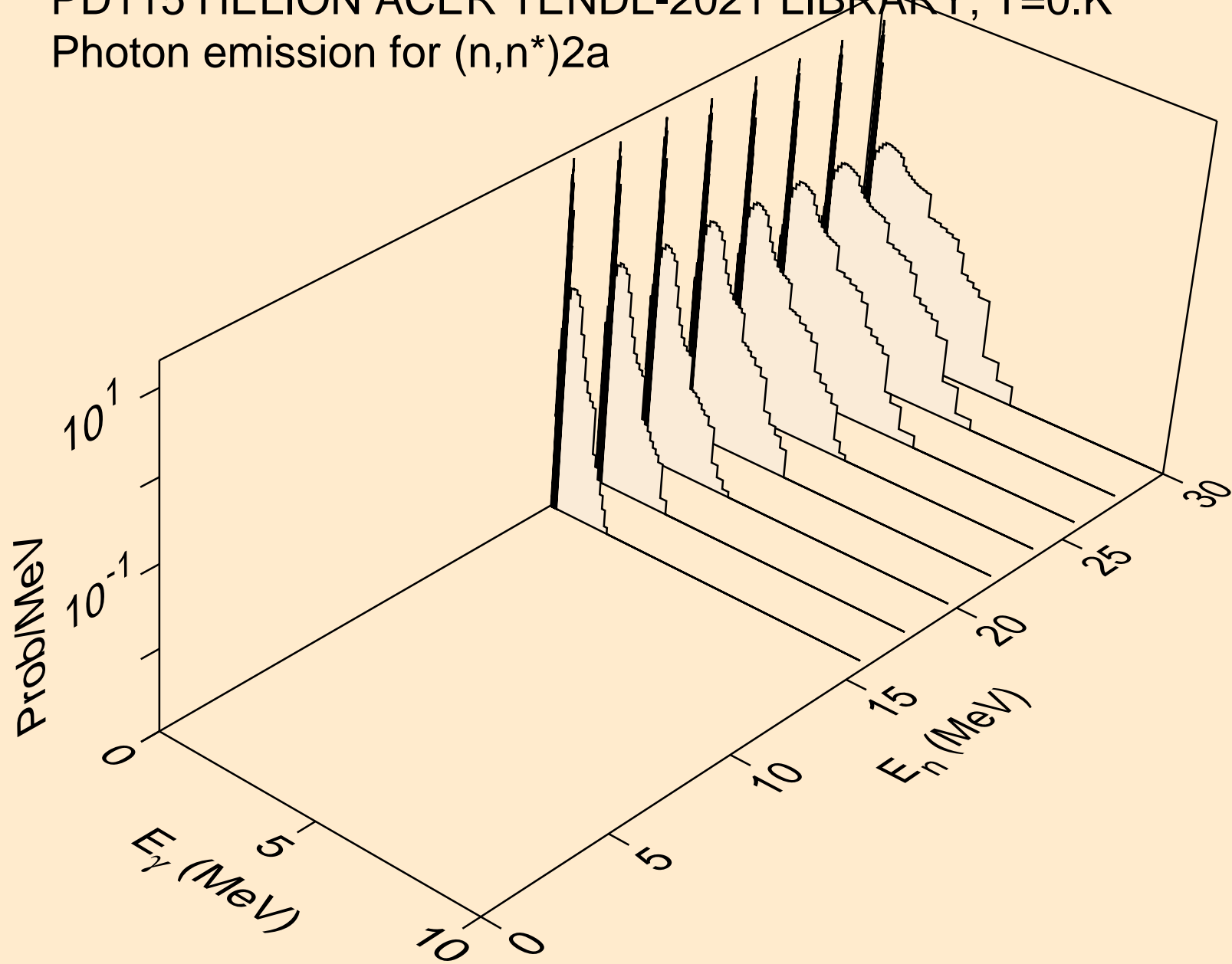
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Photon emission for (n,3n)a



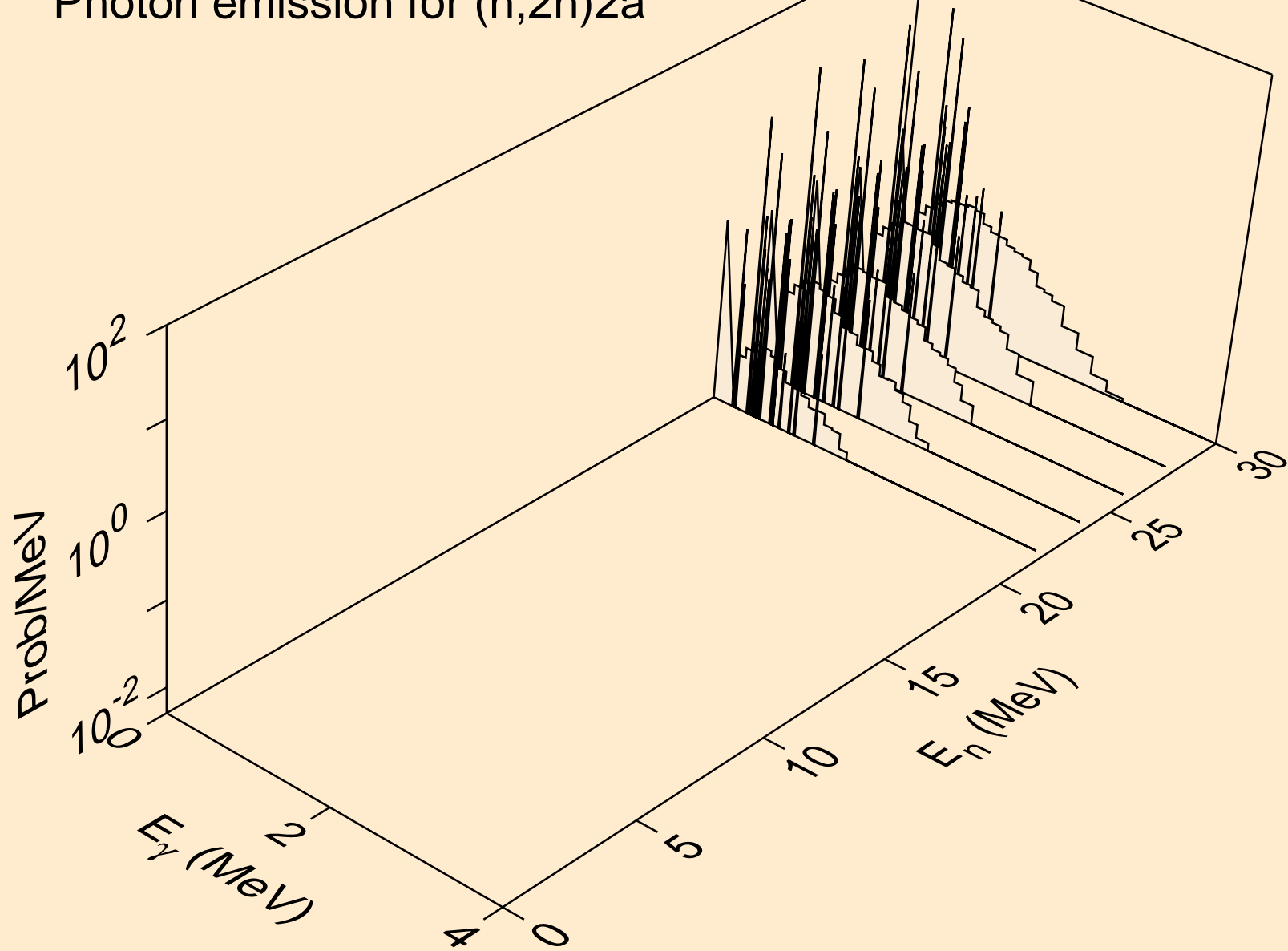
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Photon emission for (n,n\*)p



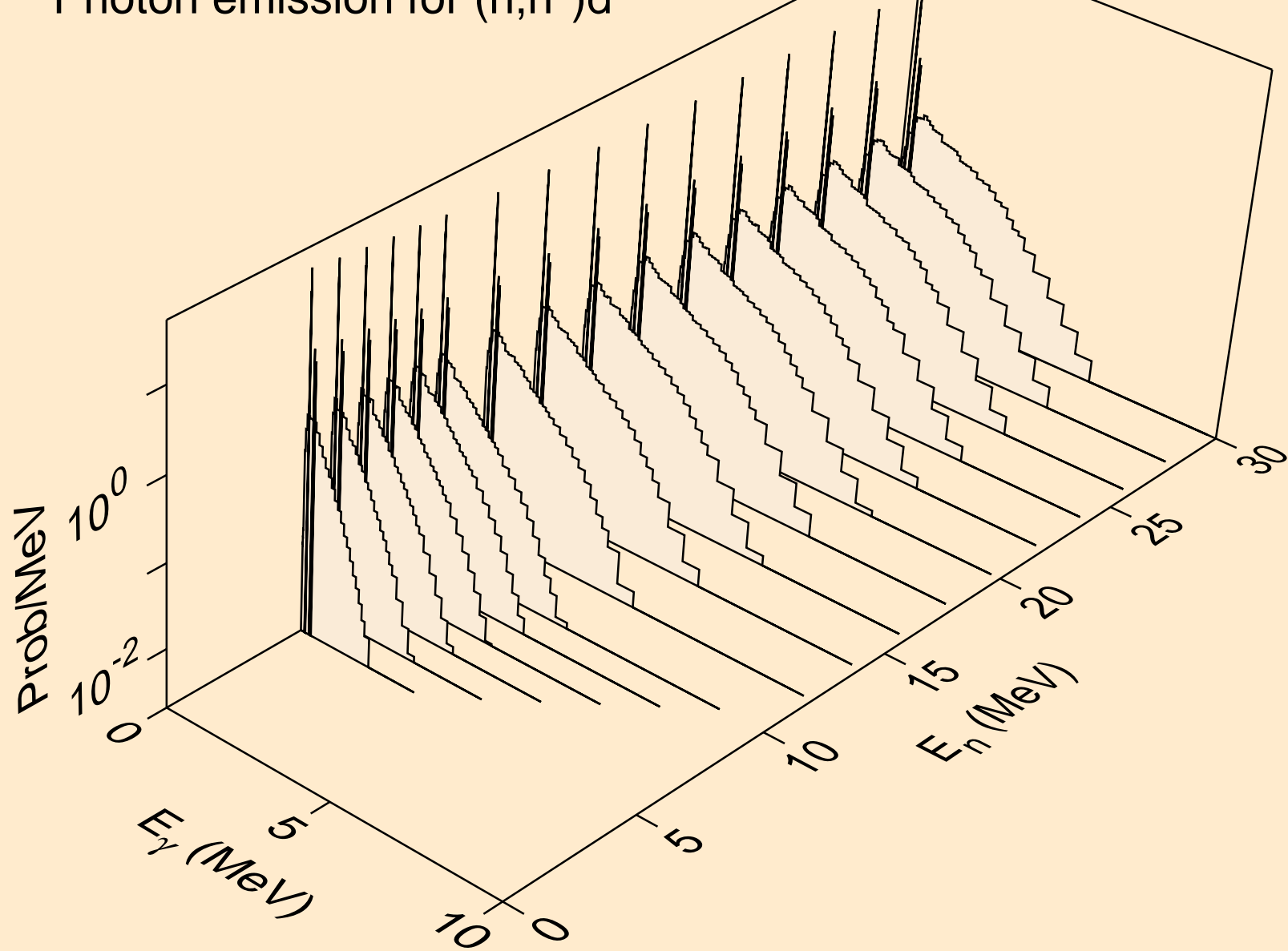
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Photon emission for (n,n\*)2a



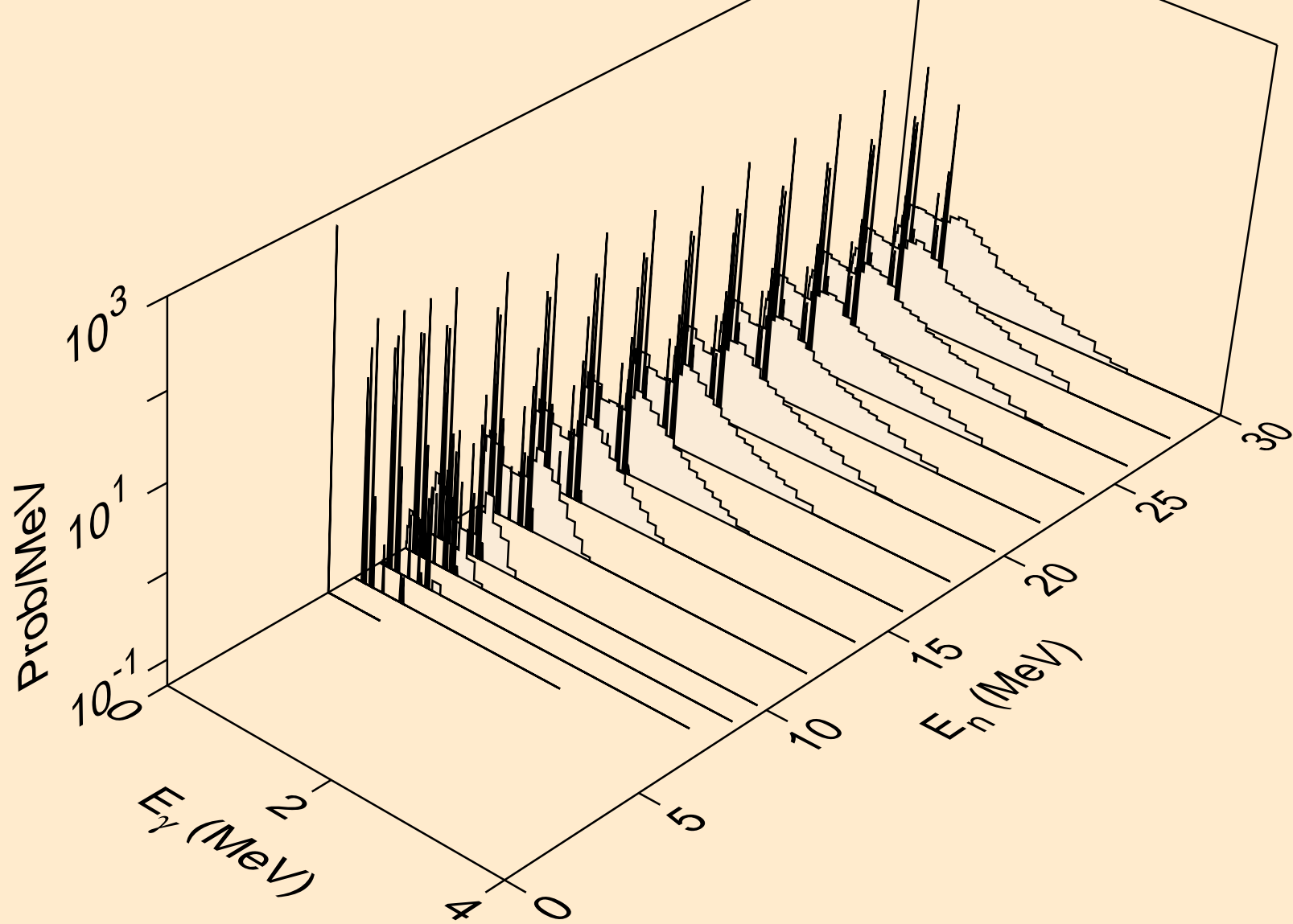
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Photon emission for (n,2n)2a



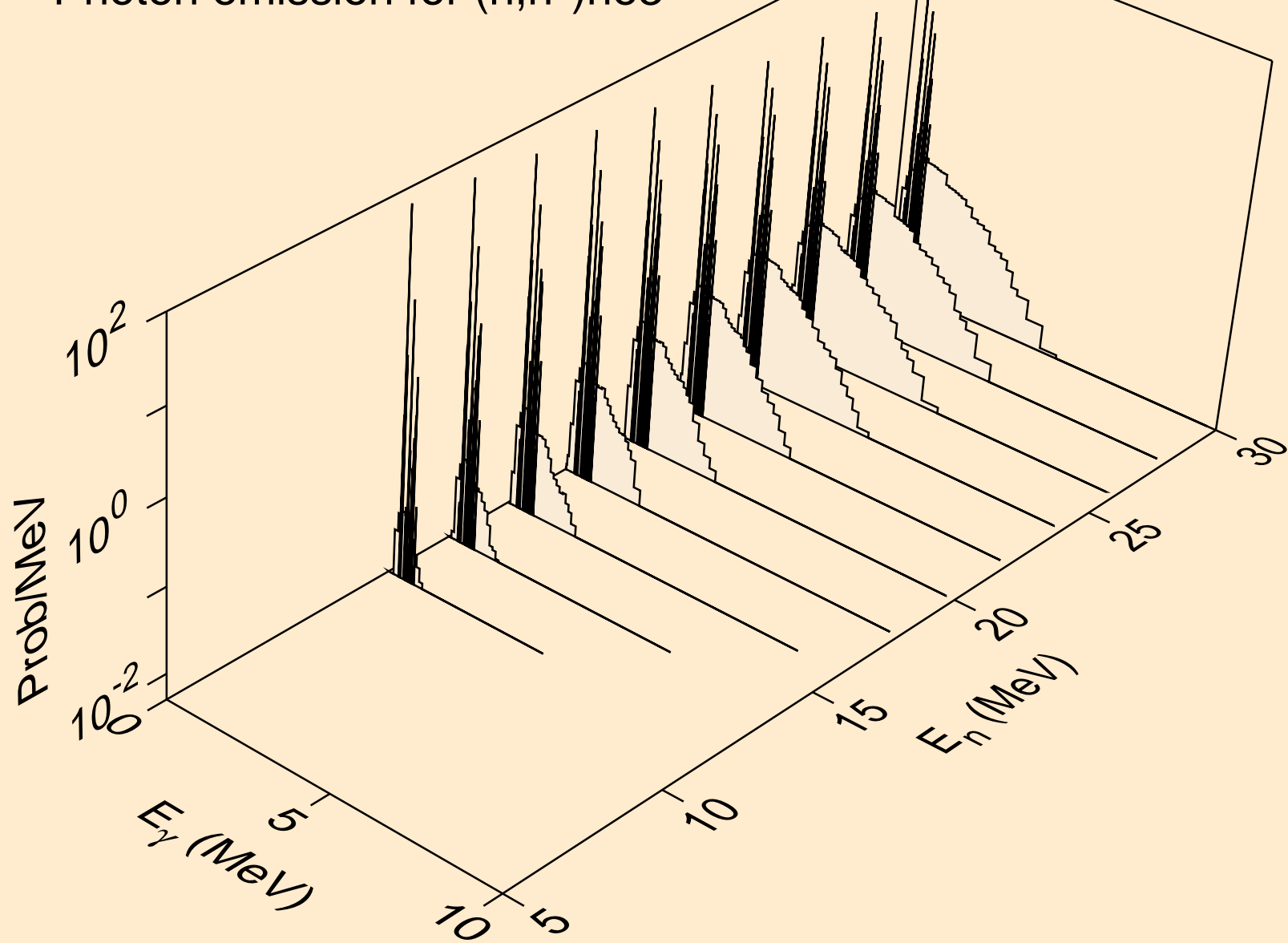
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Photon emission for (n,n\*)d



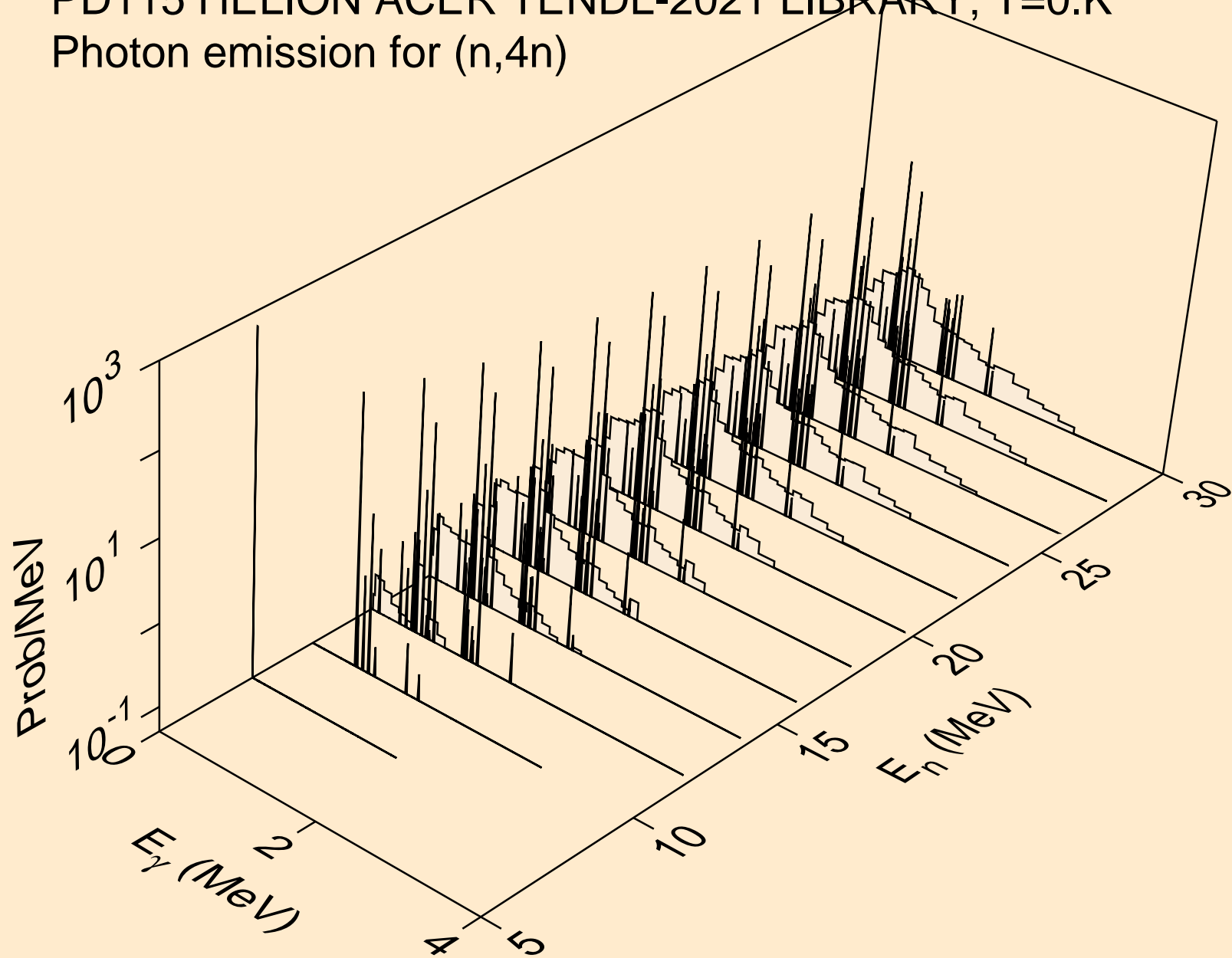
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

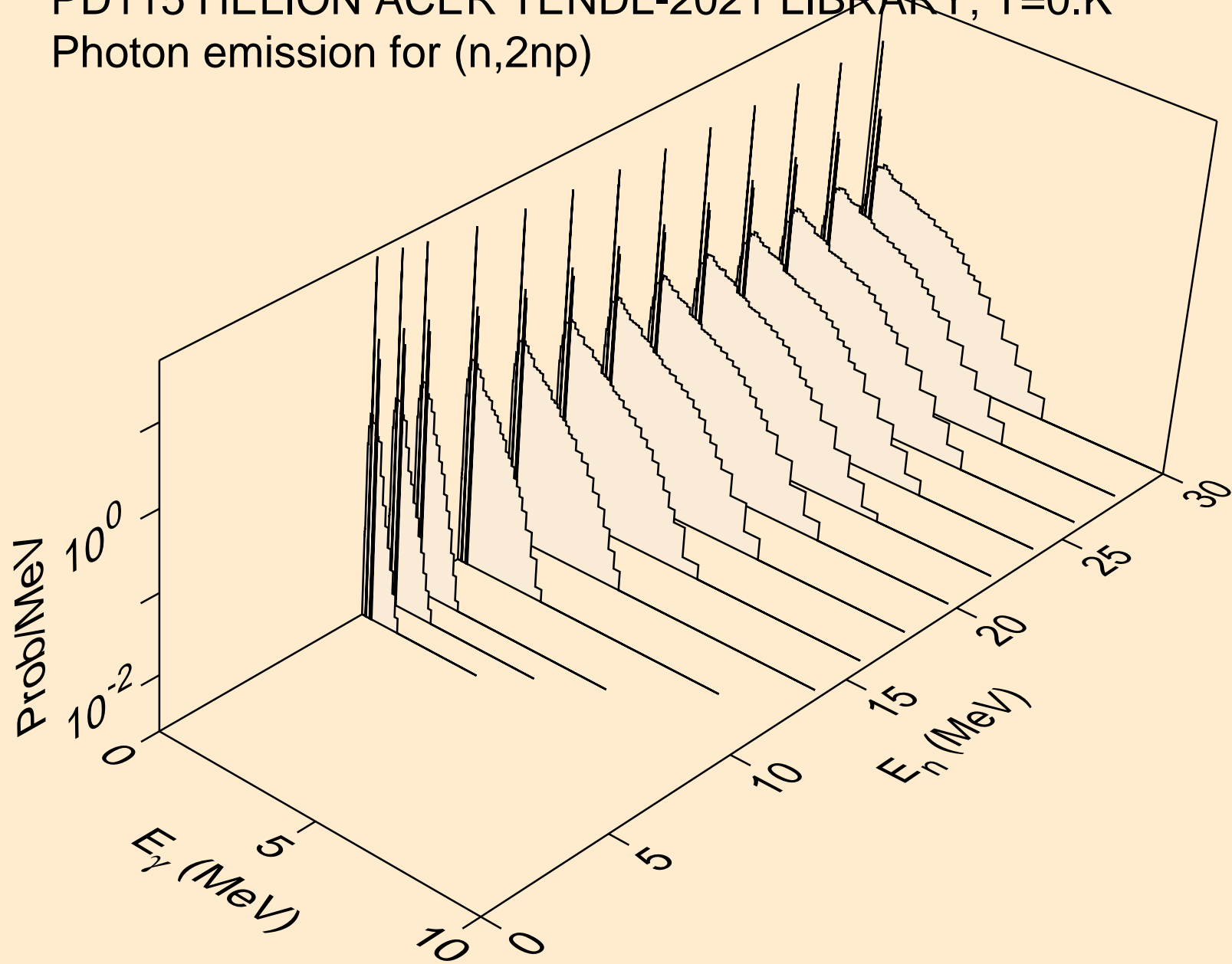


PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

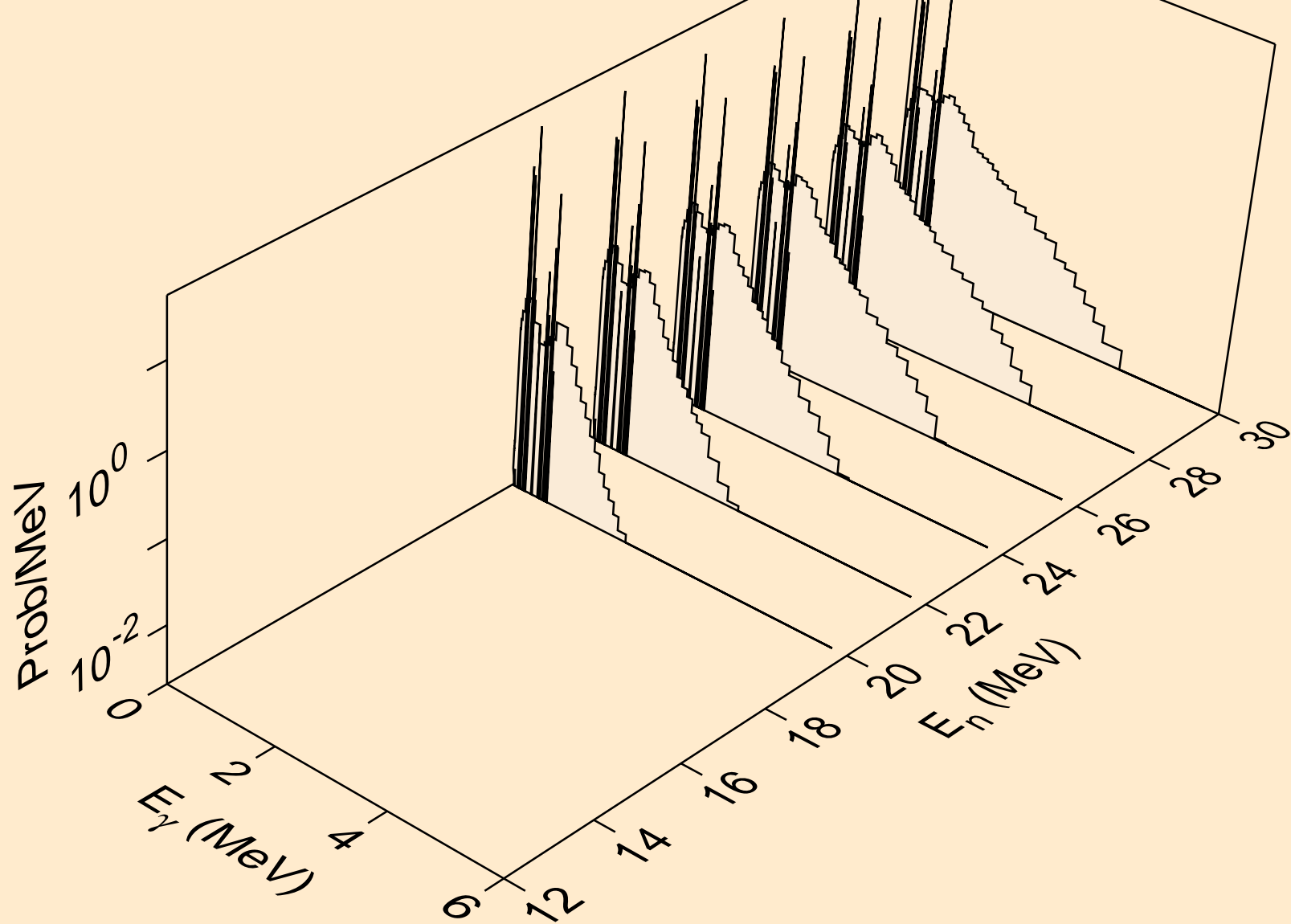




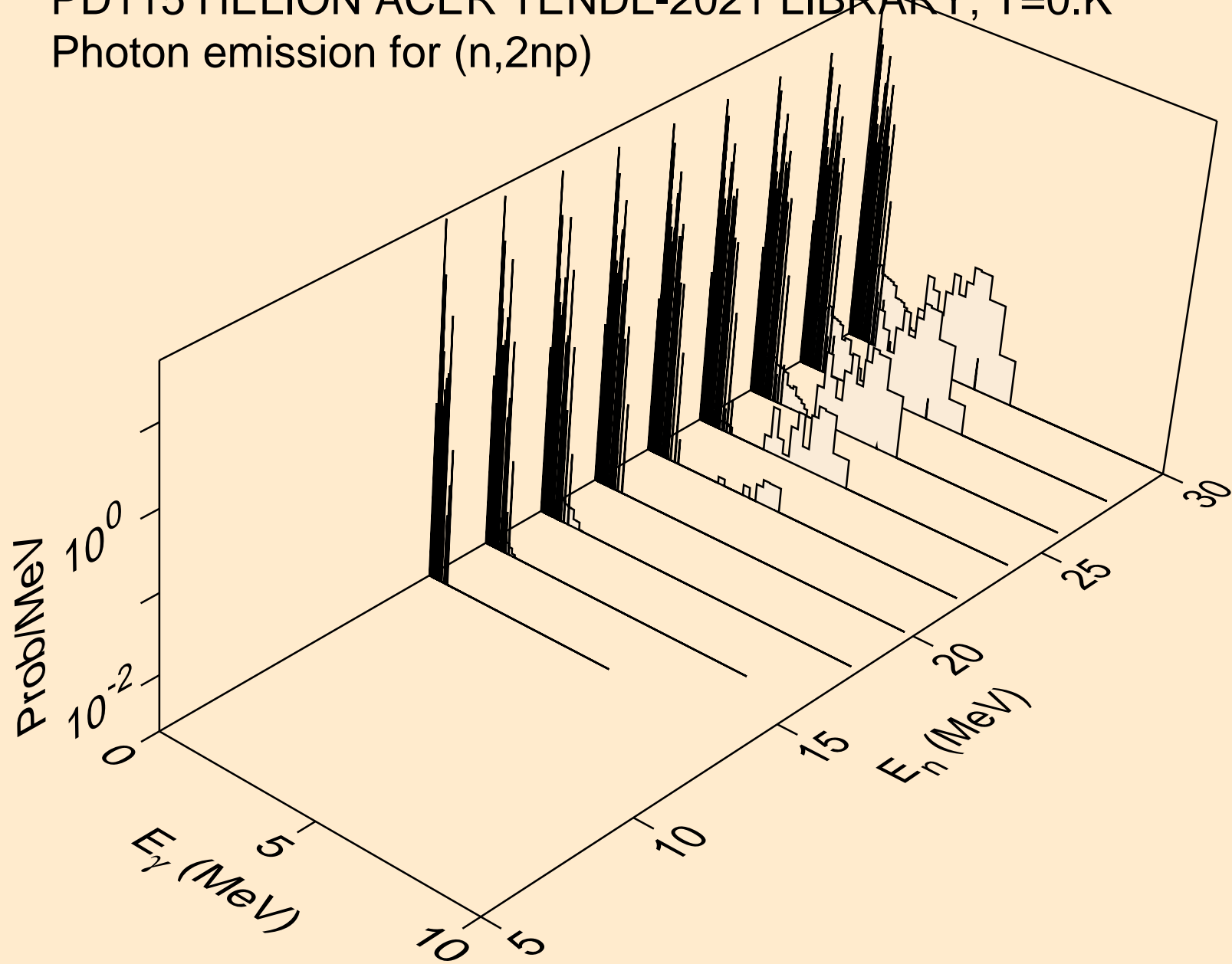
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Photon emission for (n,2np)



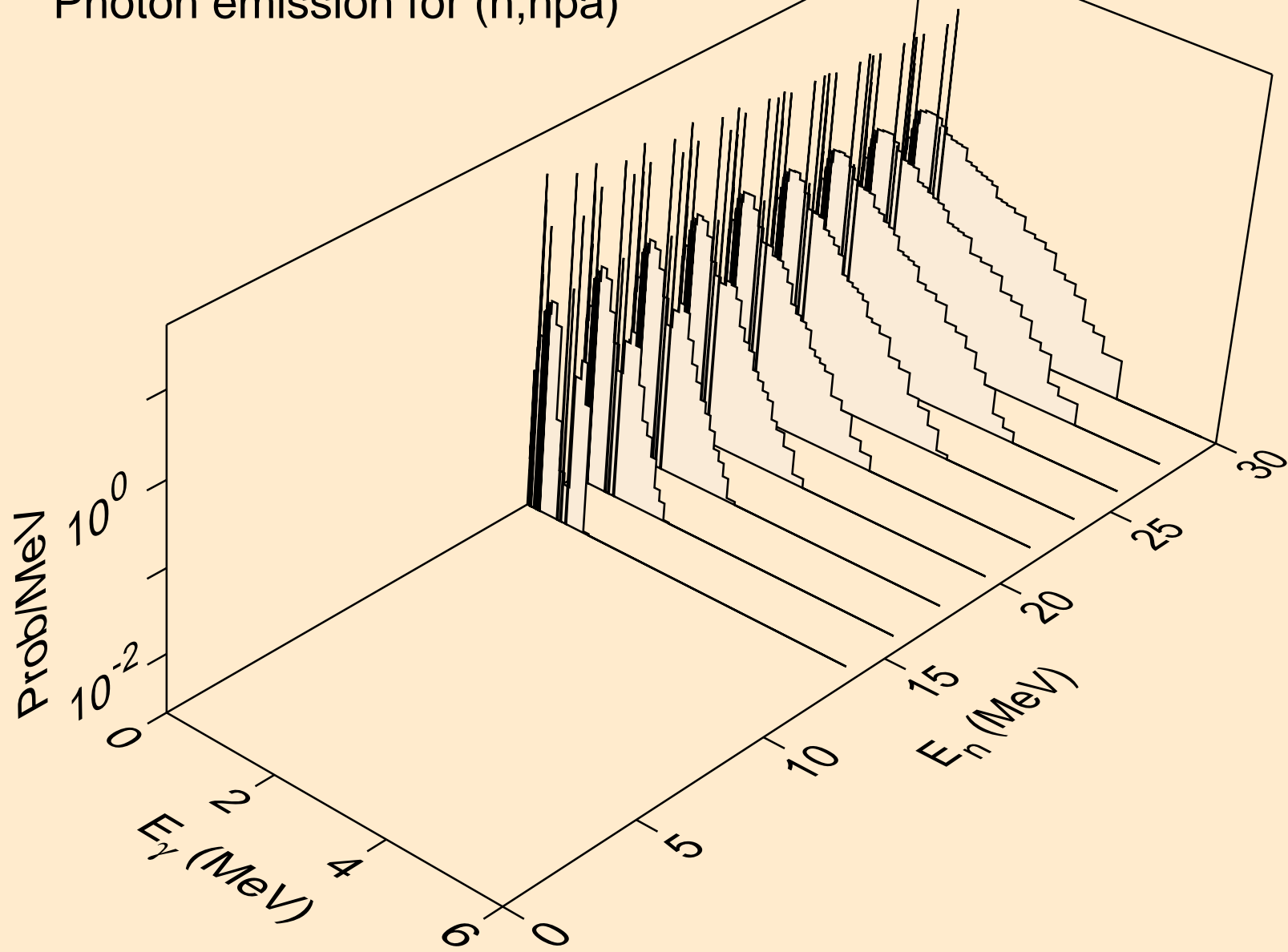
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Photon emission for (n,3np)



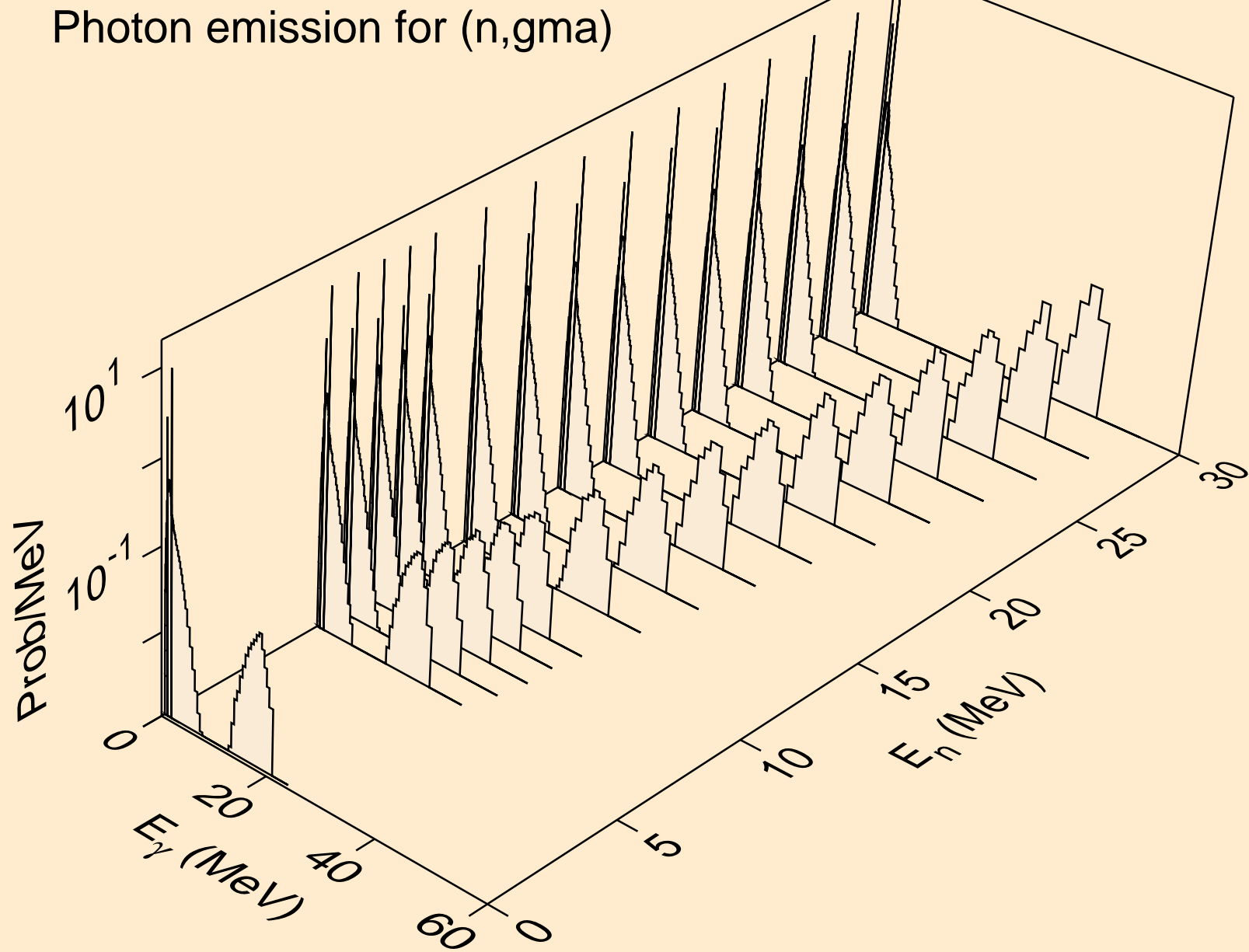
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Photon emission for (n,2np)



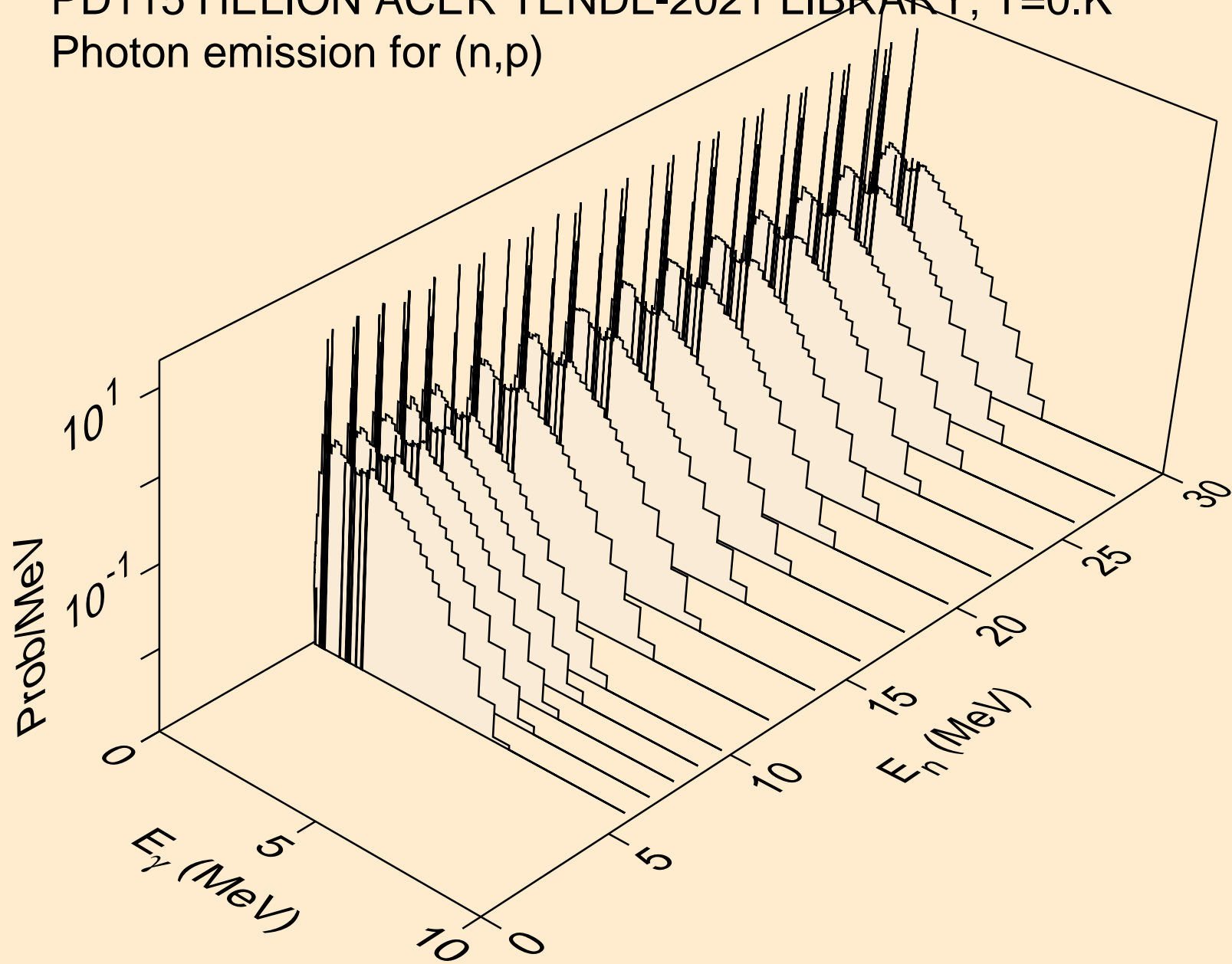
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Photon emission for (n,npa)



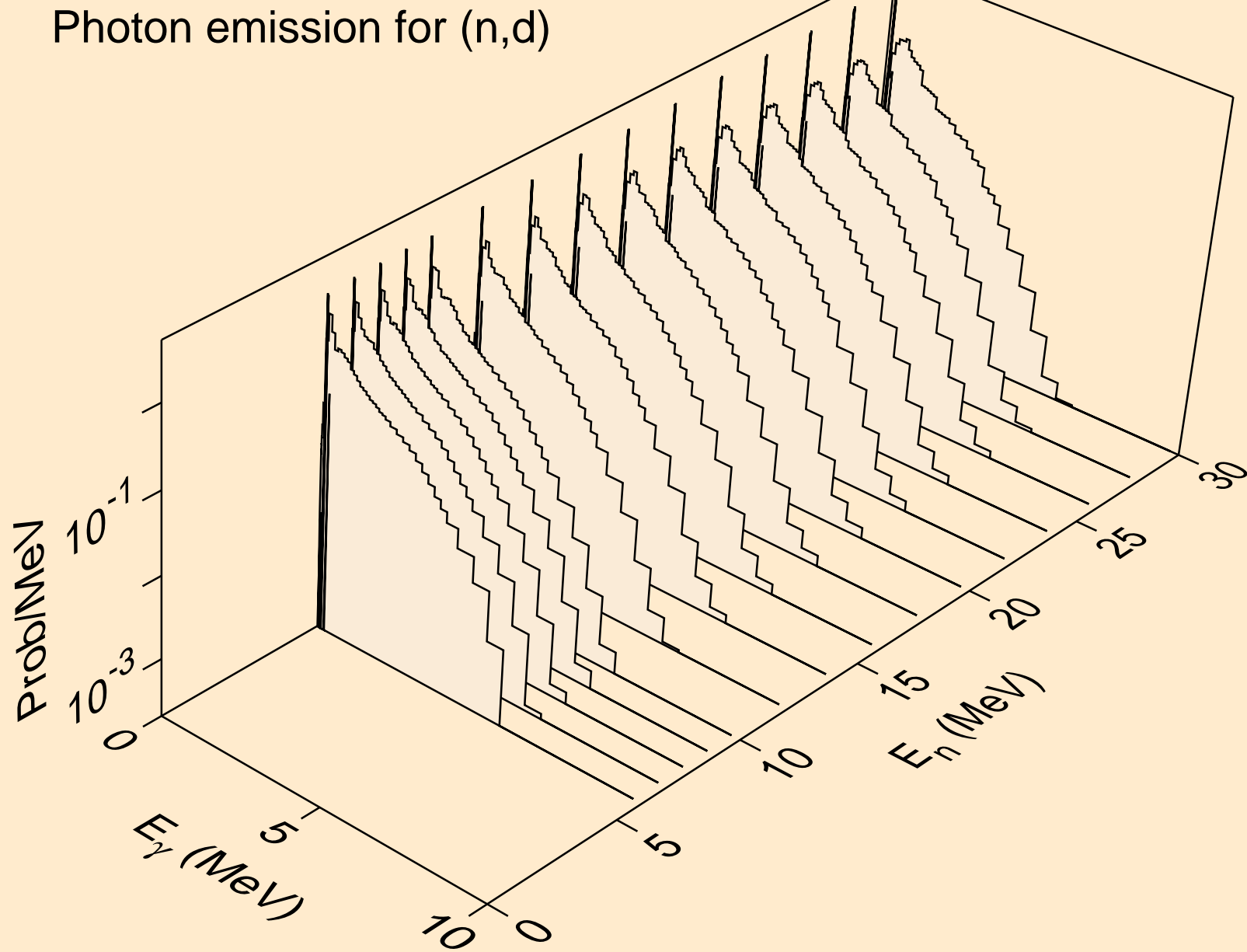
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Photon emission for (n,gma)



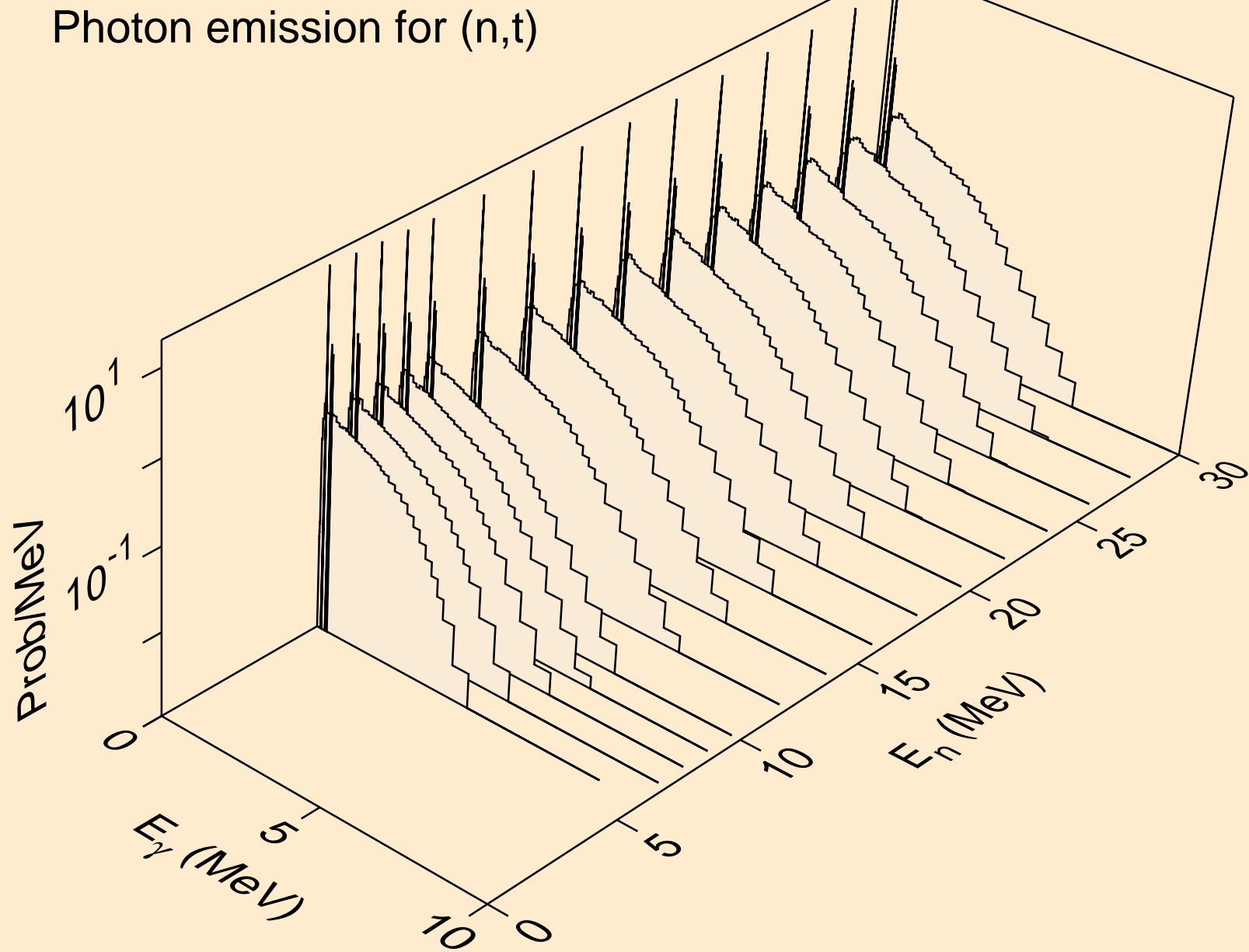
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

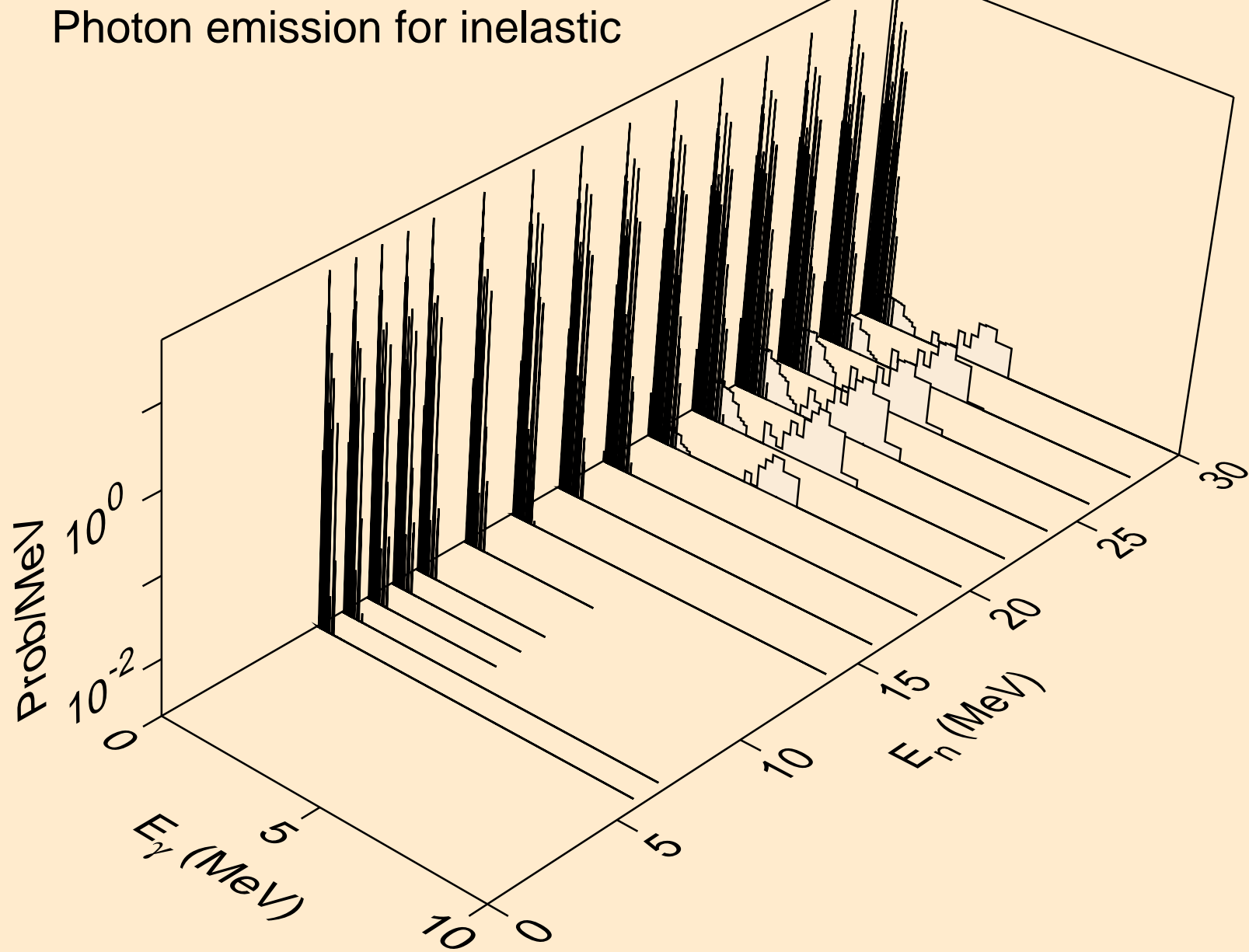


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Photon emission for (n,t)

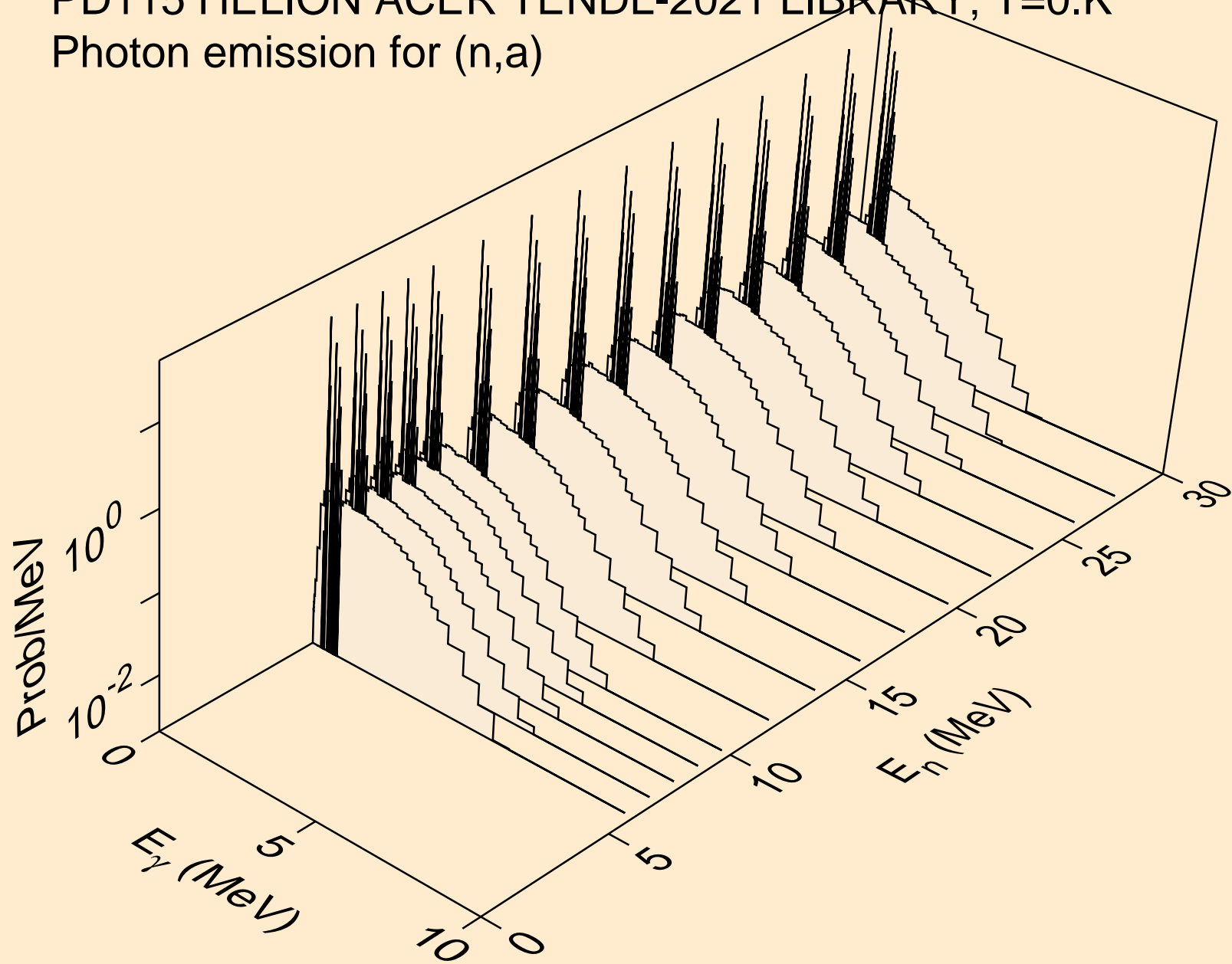




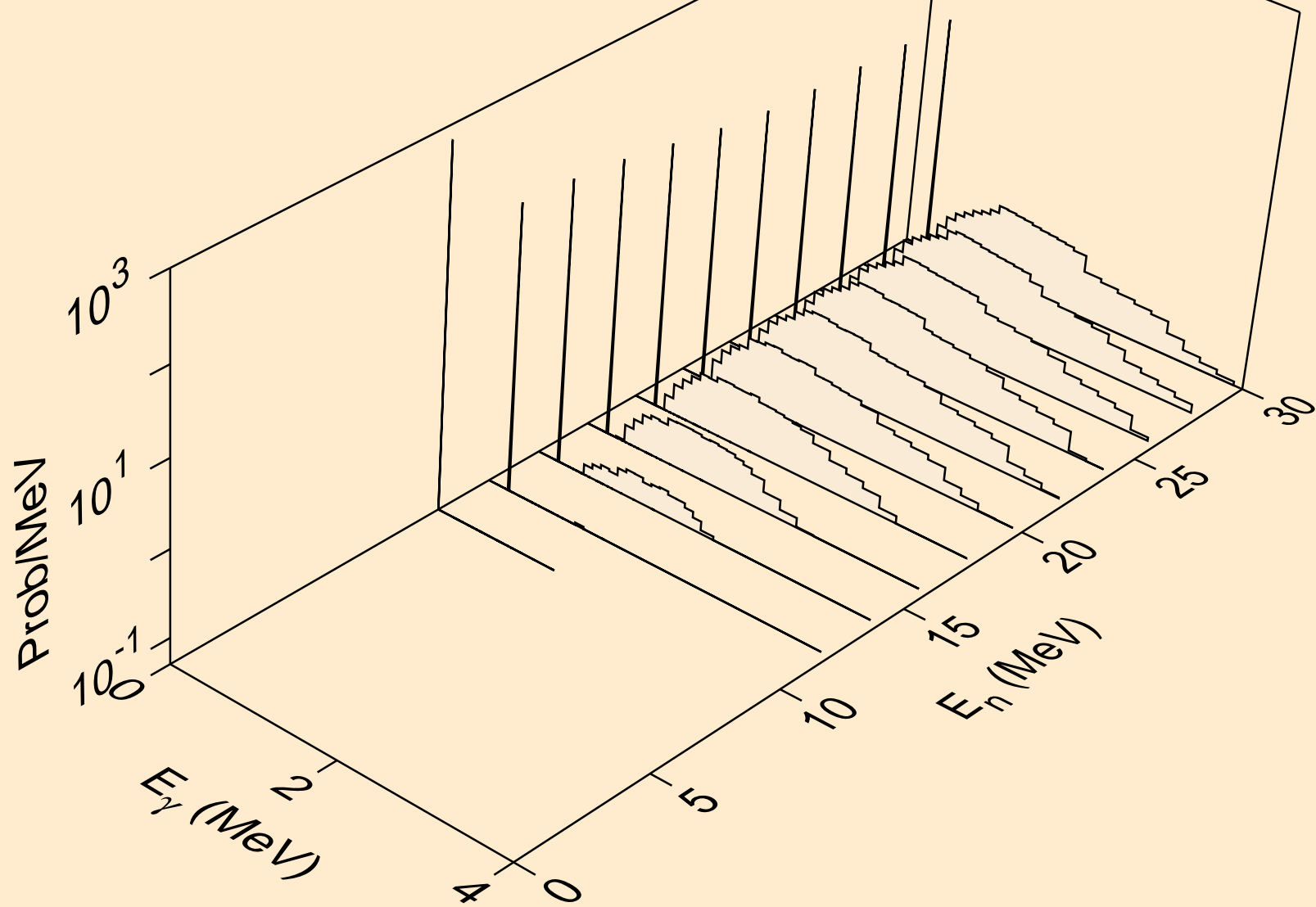
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



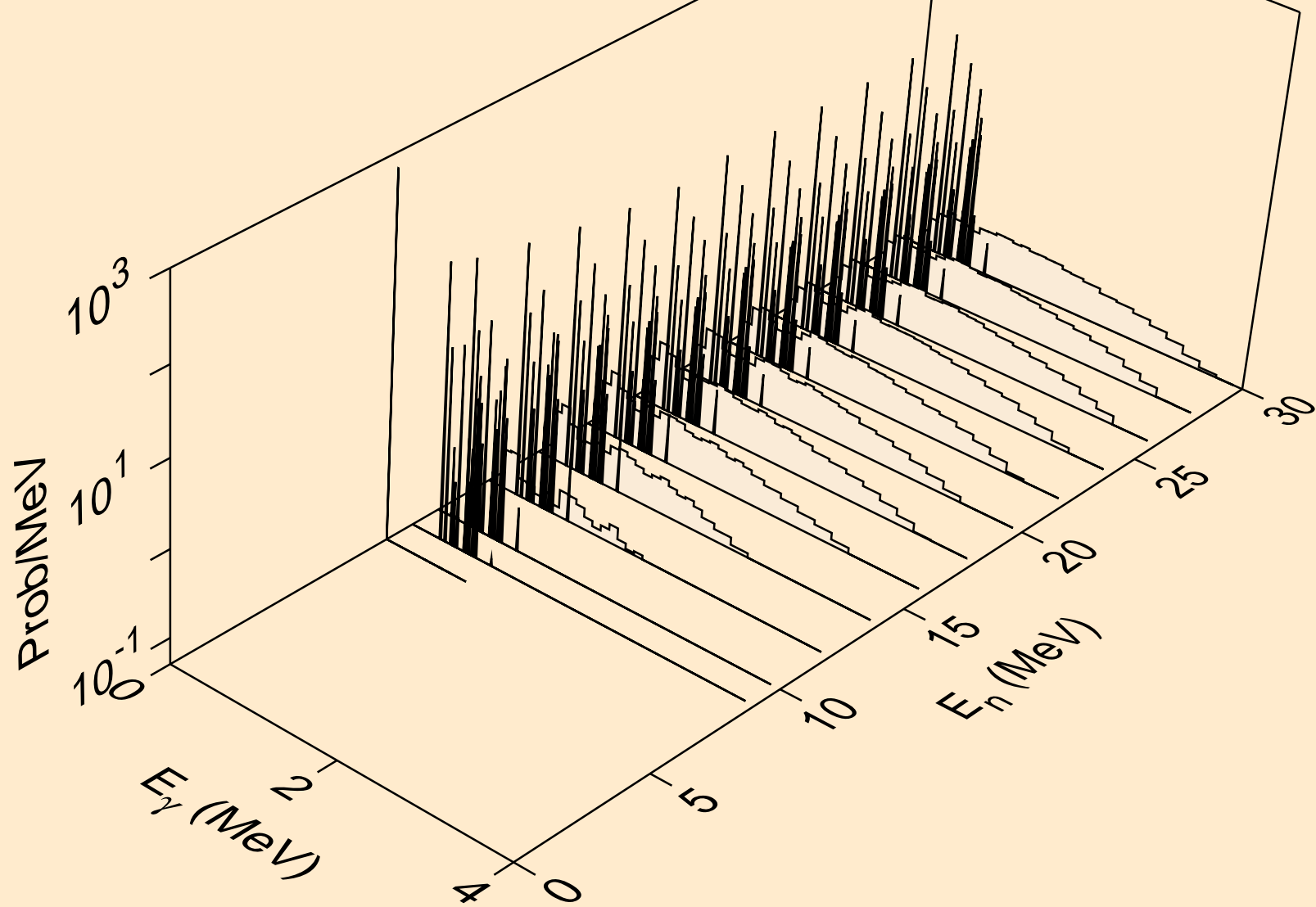
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



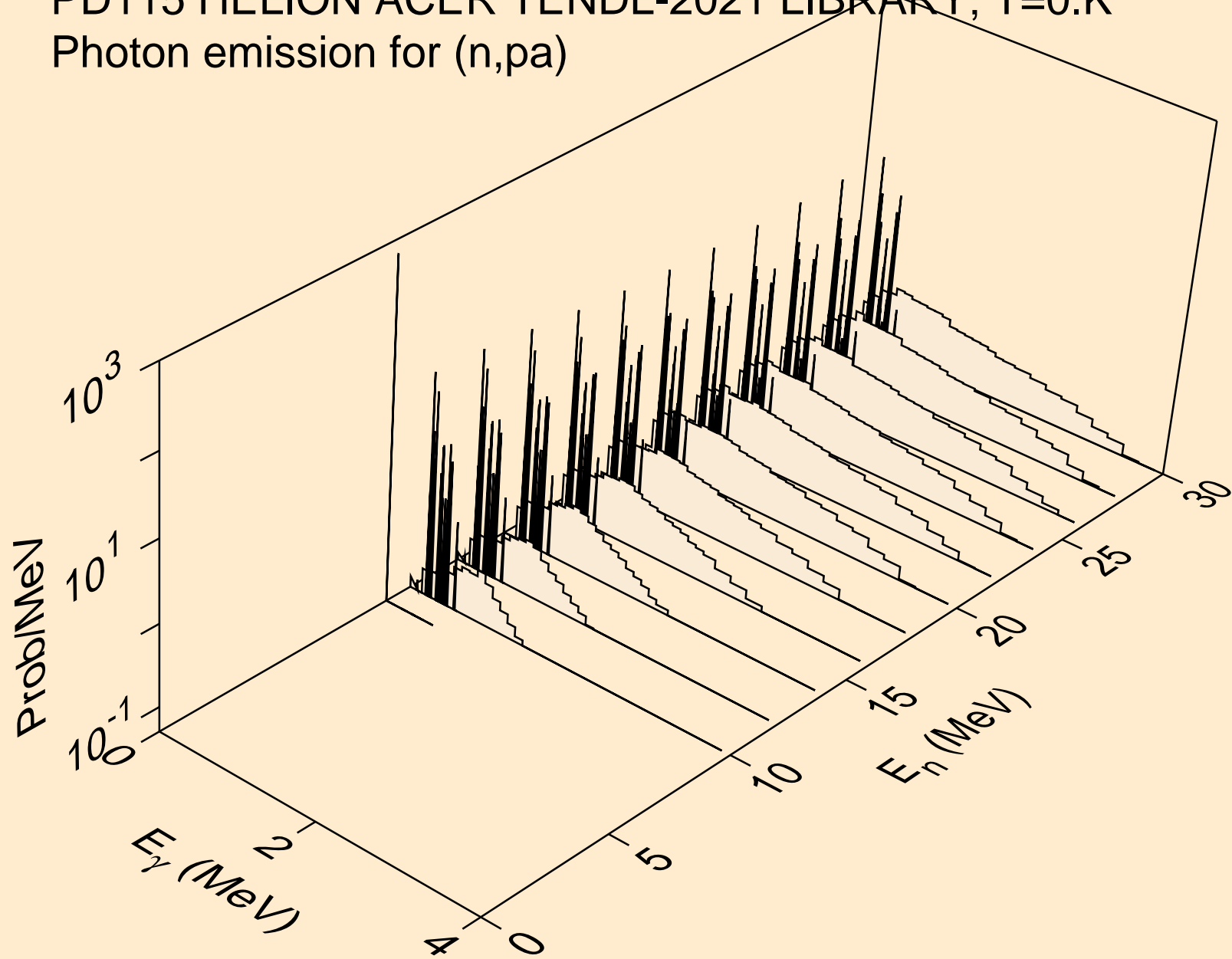
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Photon emission for (n,2a)



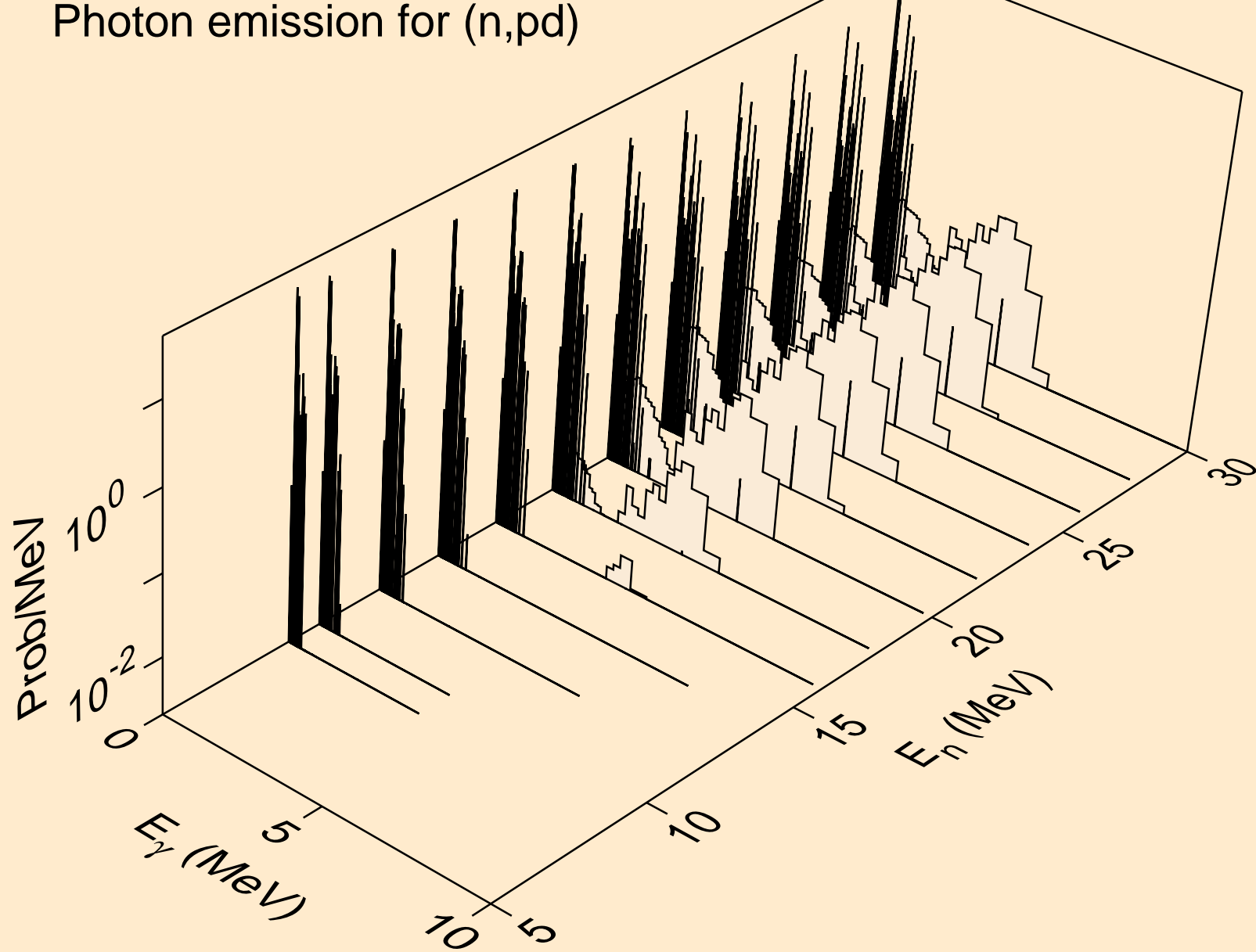
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Photon emission for (n,2p)



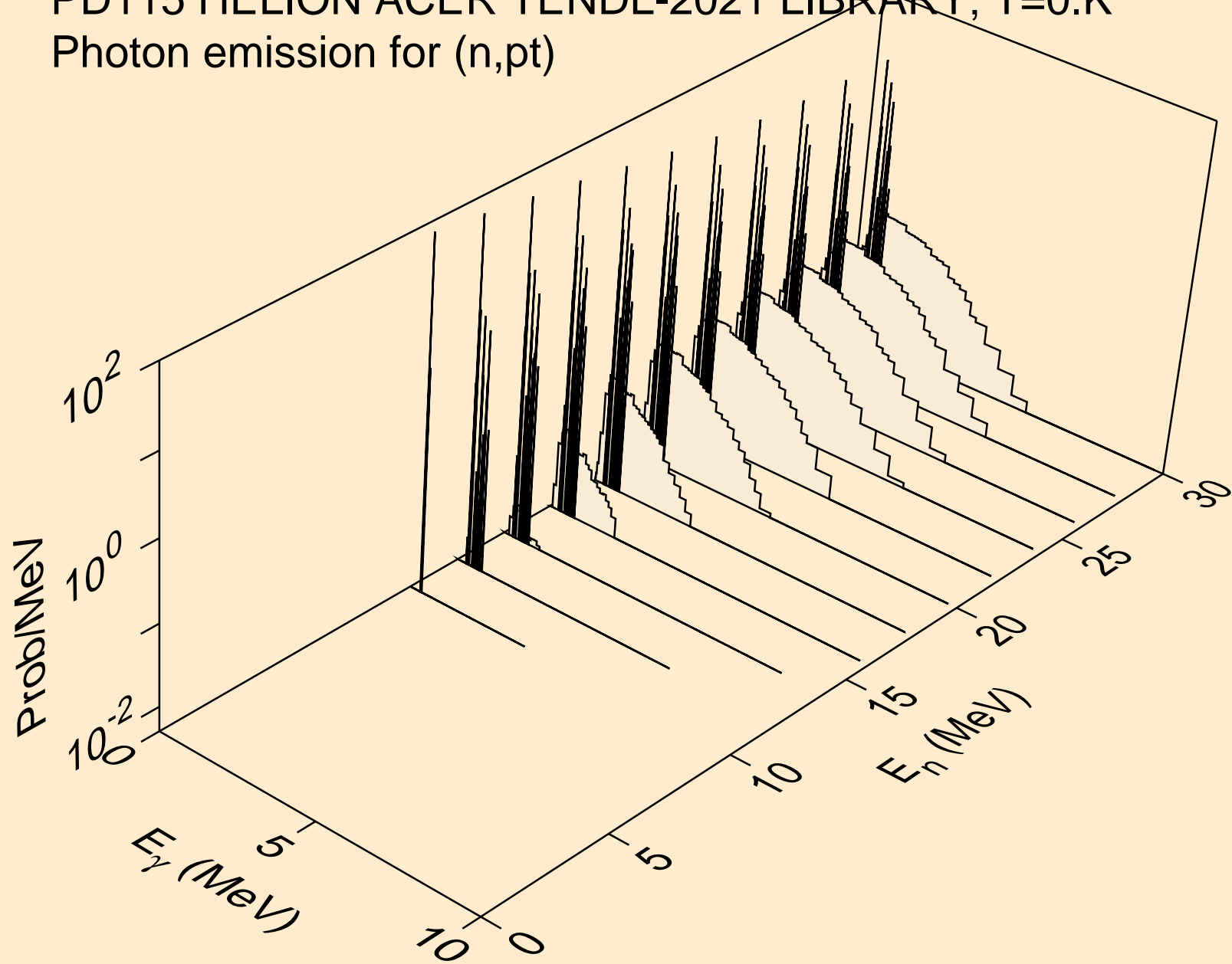
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Photon emission for (n,pa)



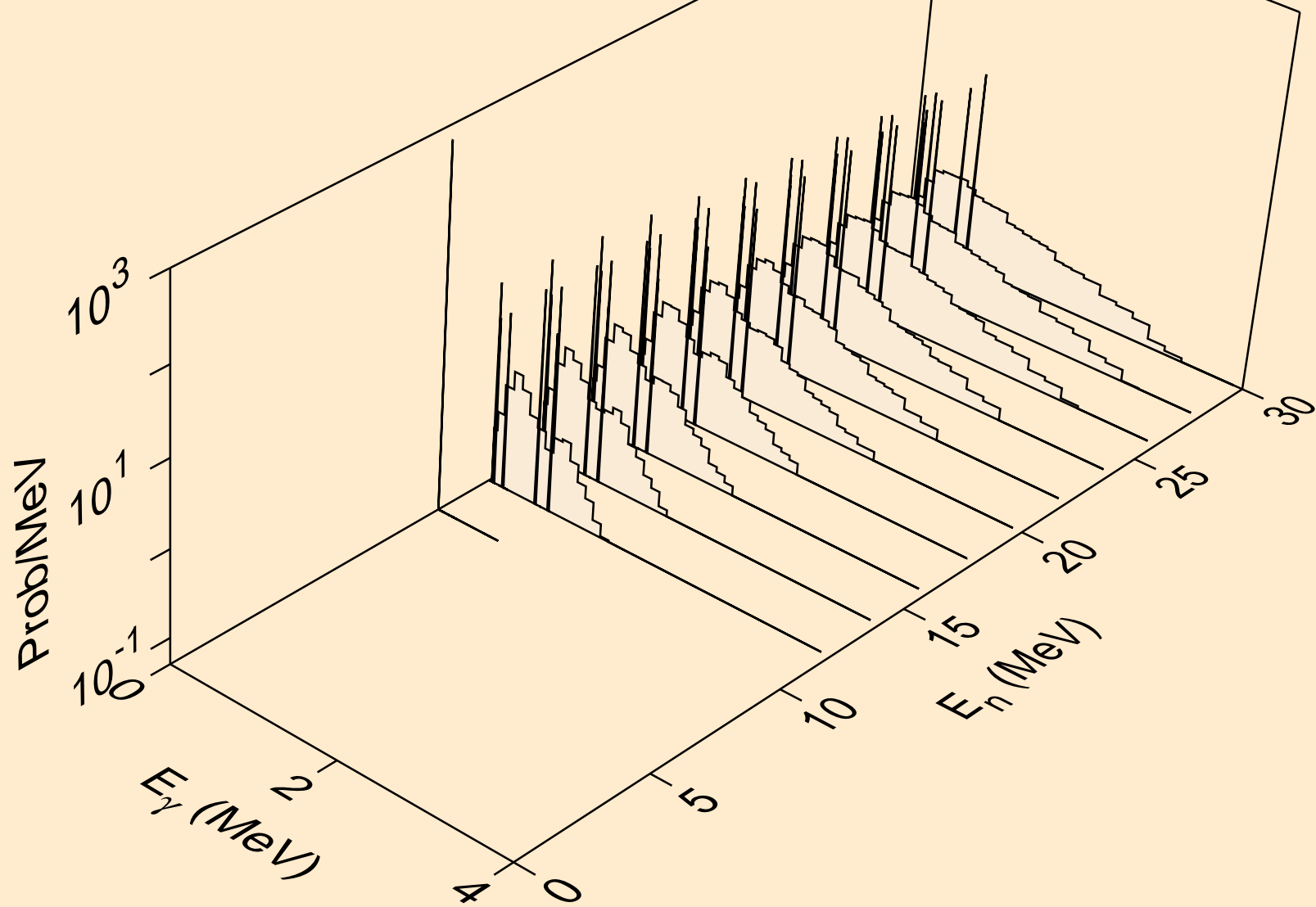
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Photon emission for (n,pd)



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

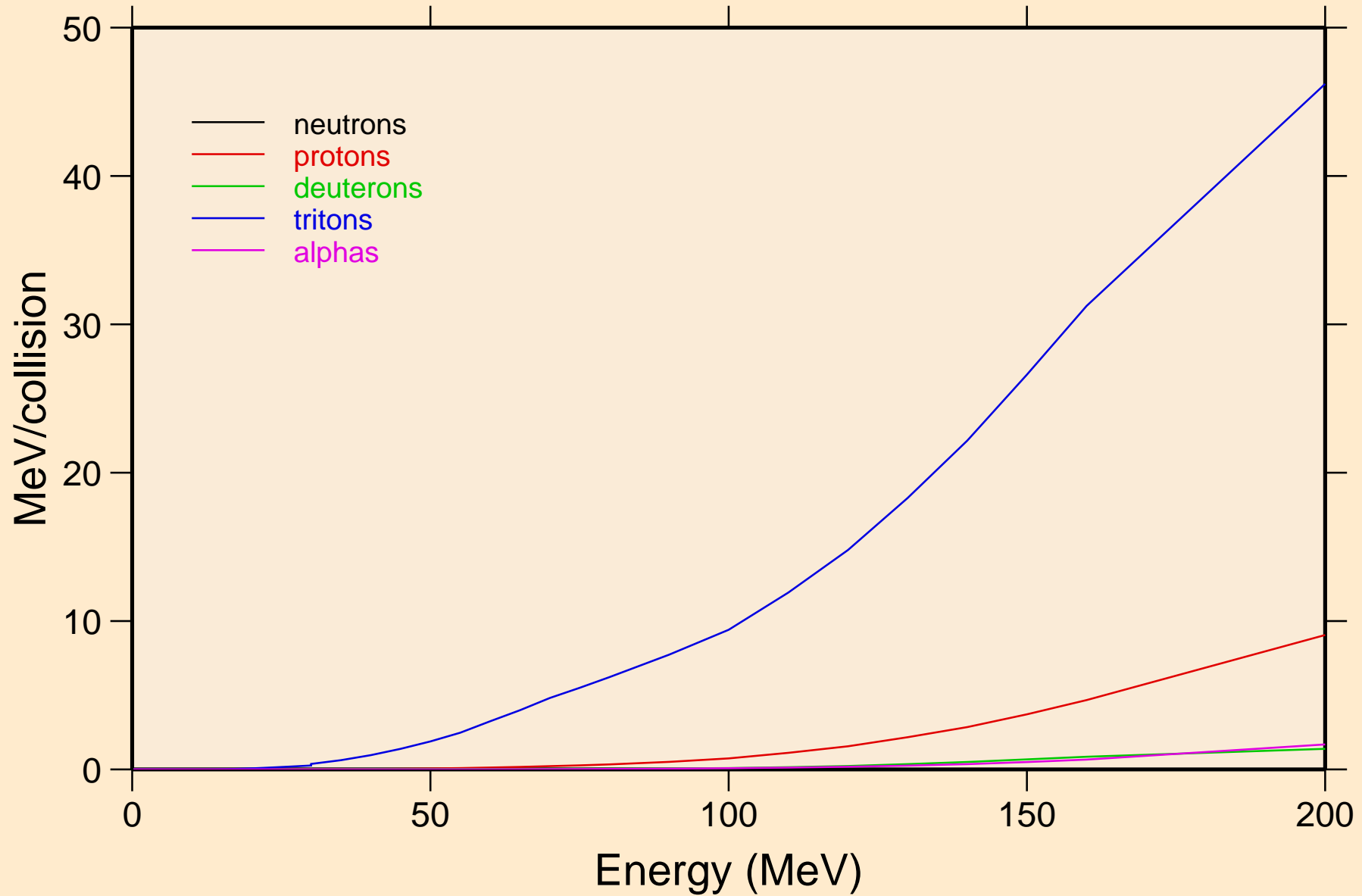


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Photon emission for (n,da)

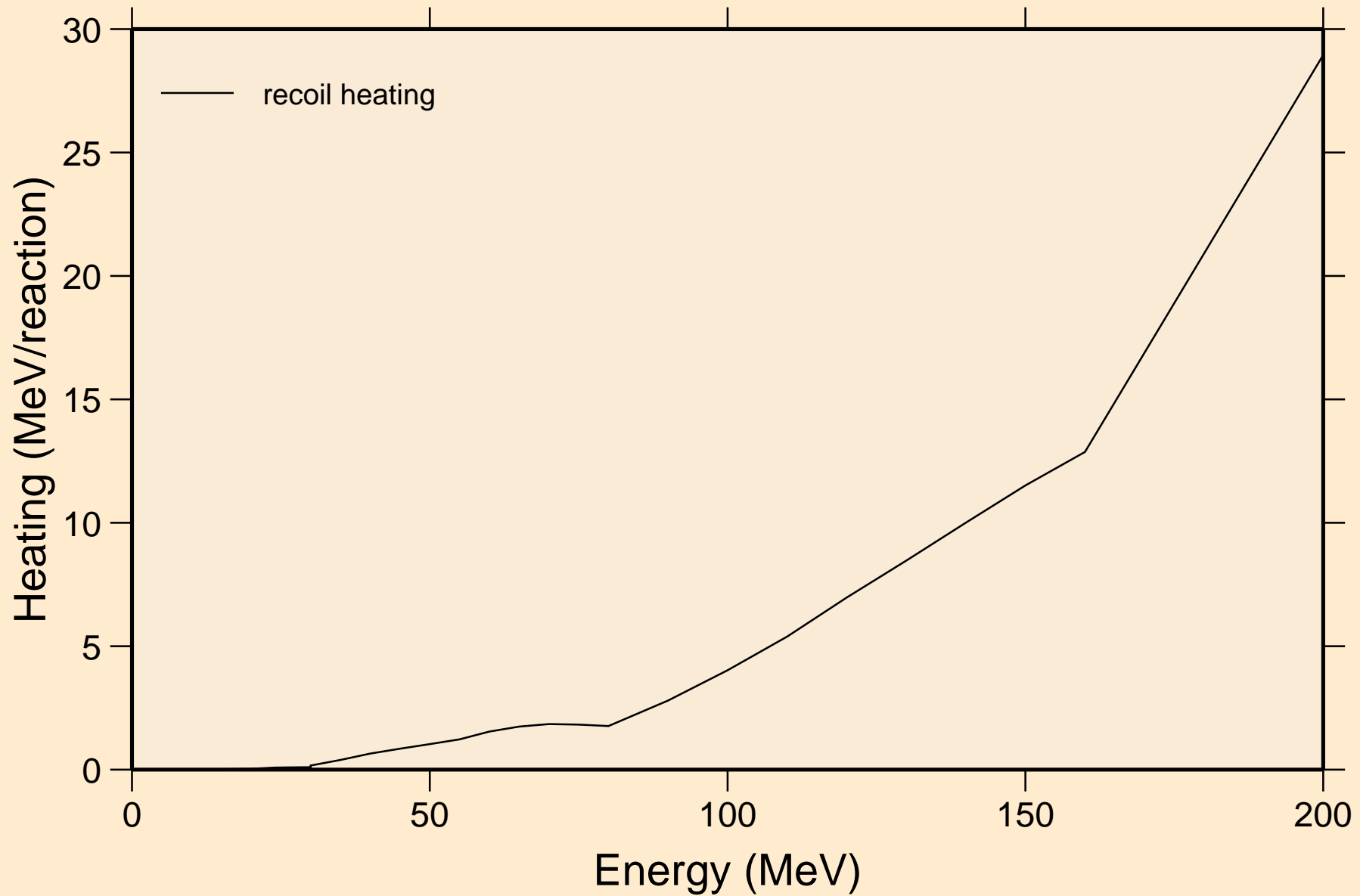




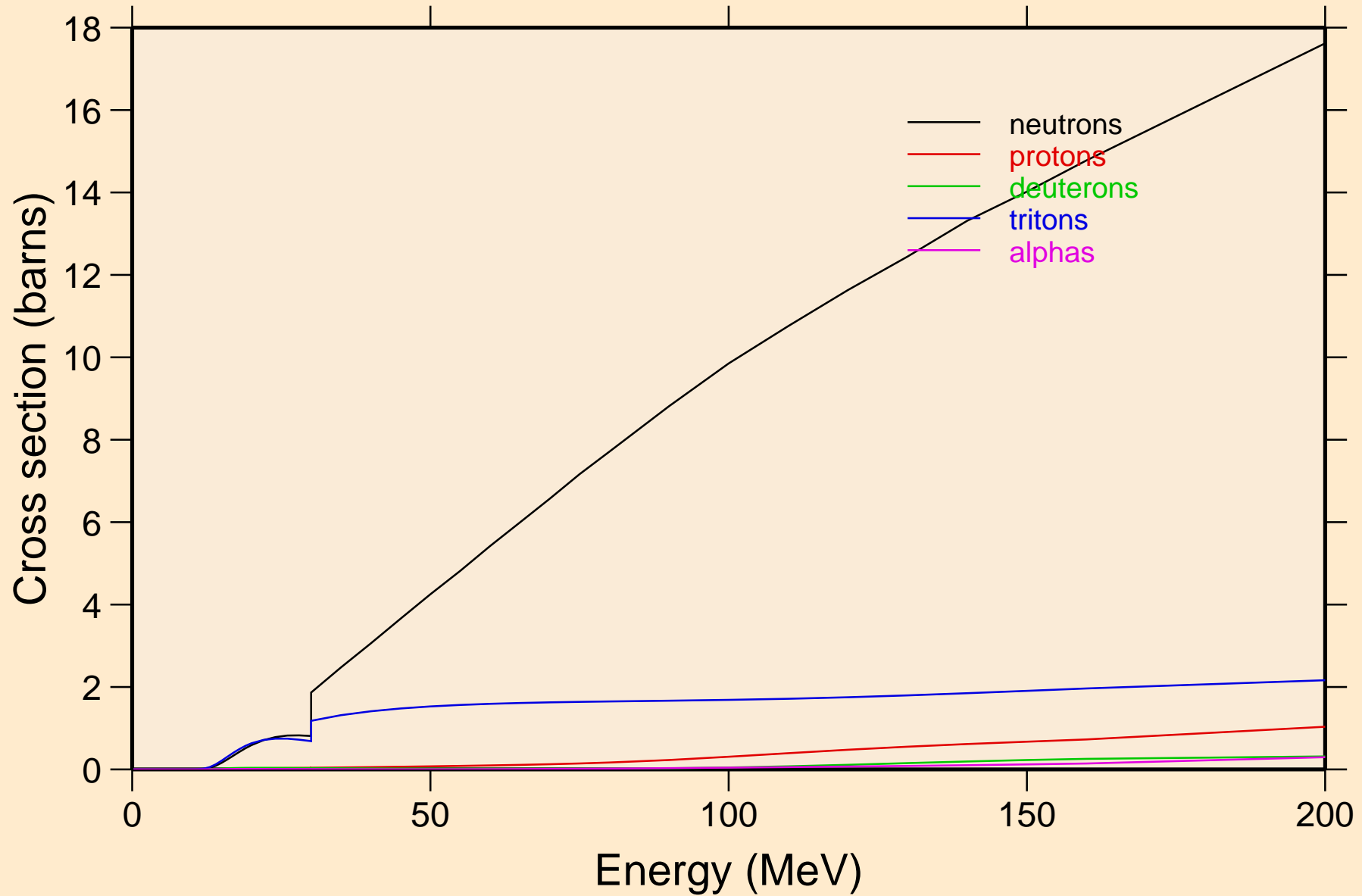
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Particle heating contributions



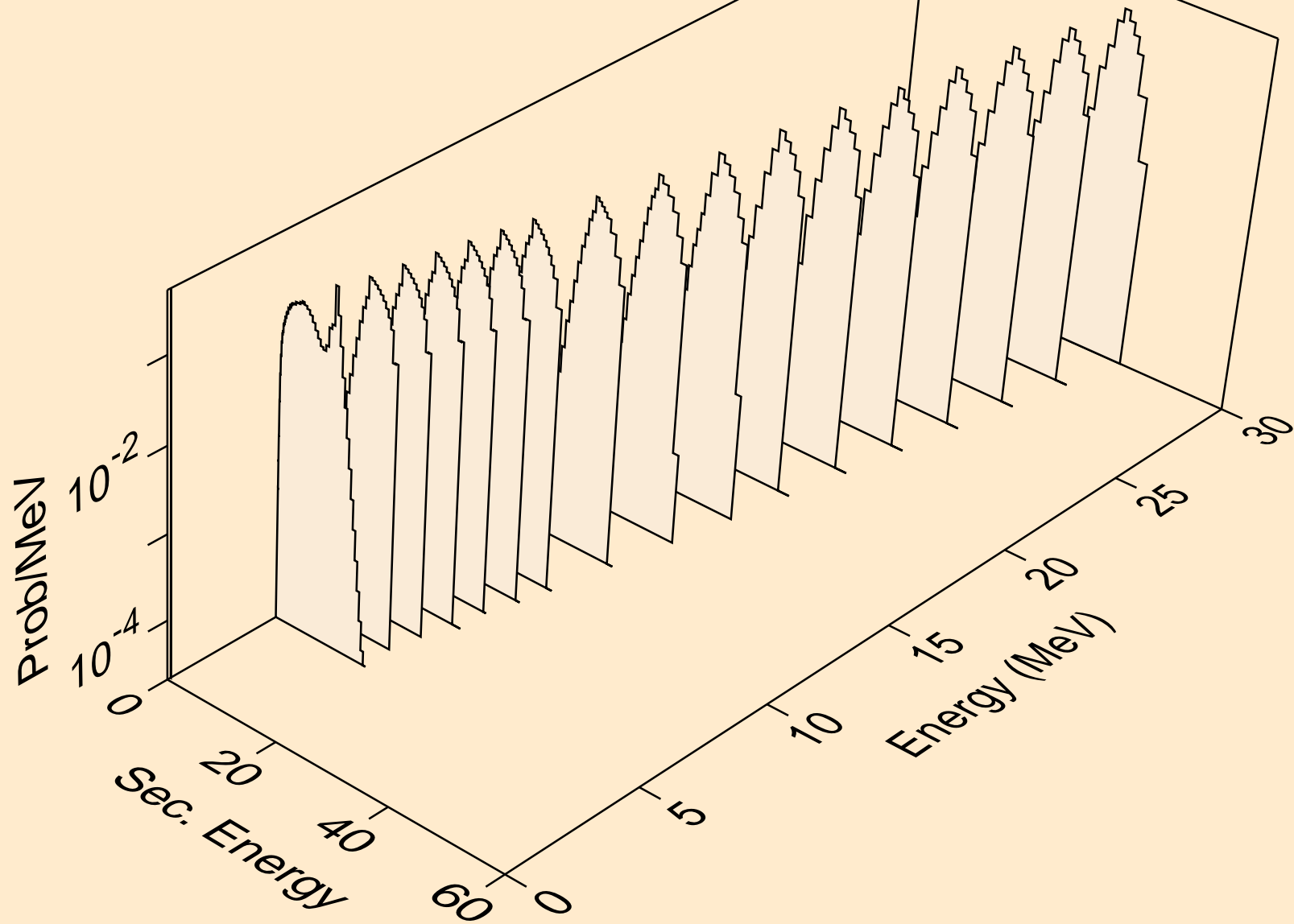
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Recoil Heating



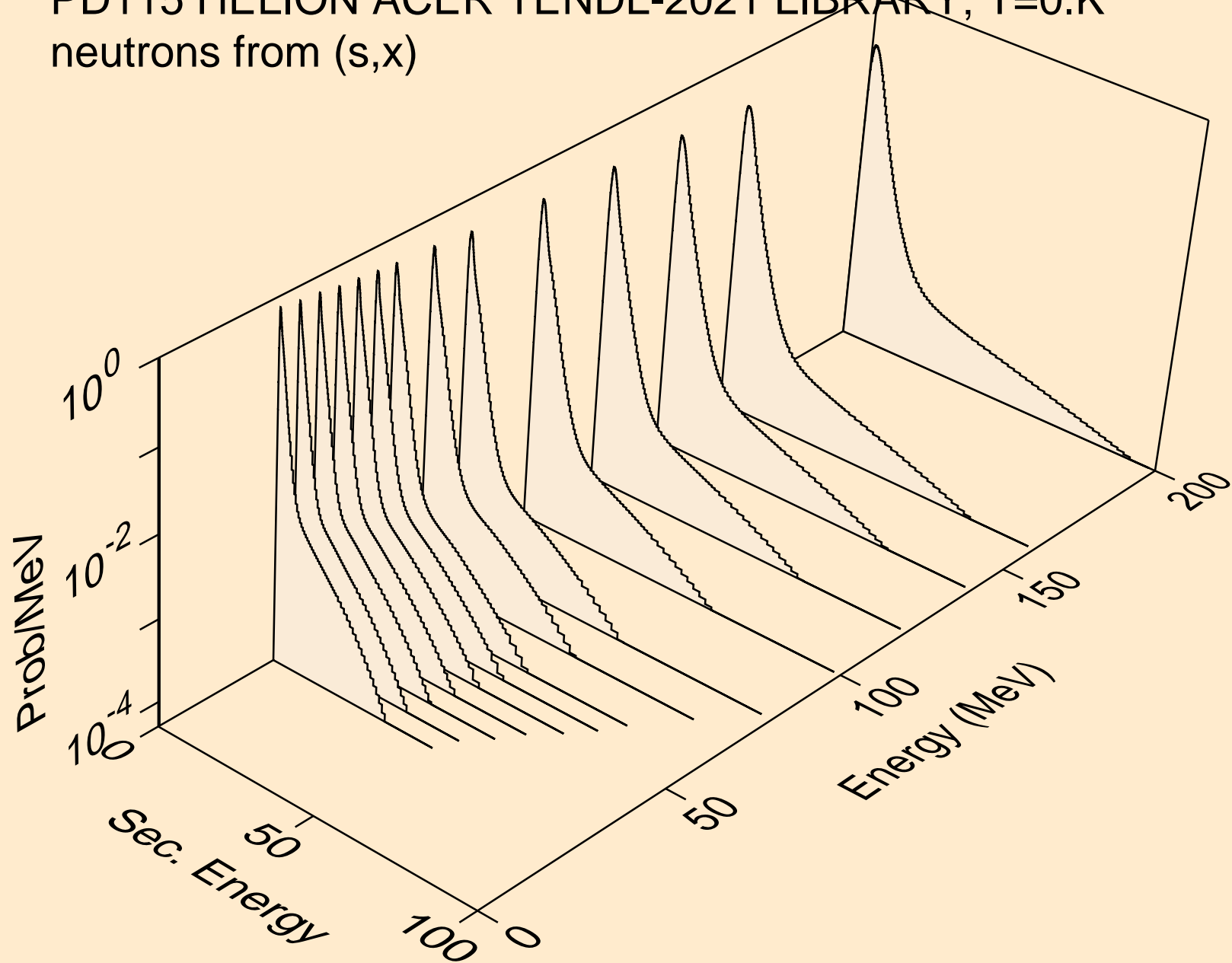
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



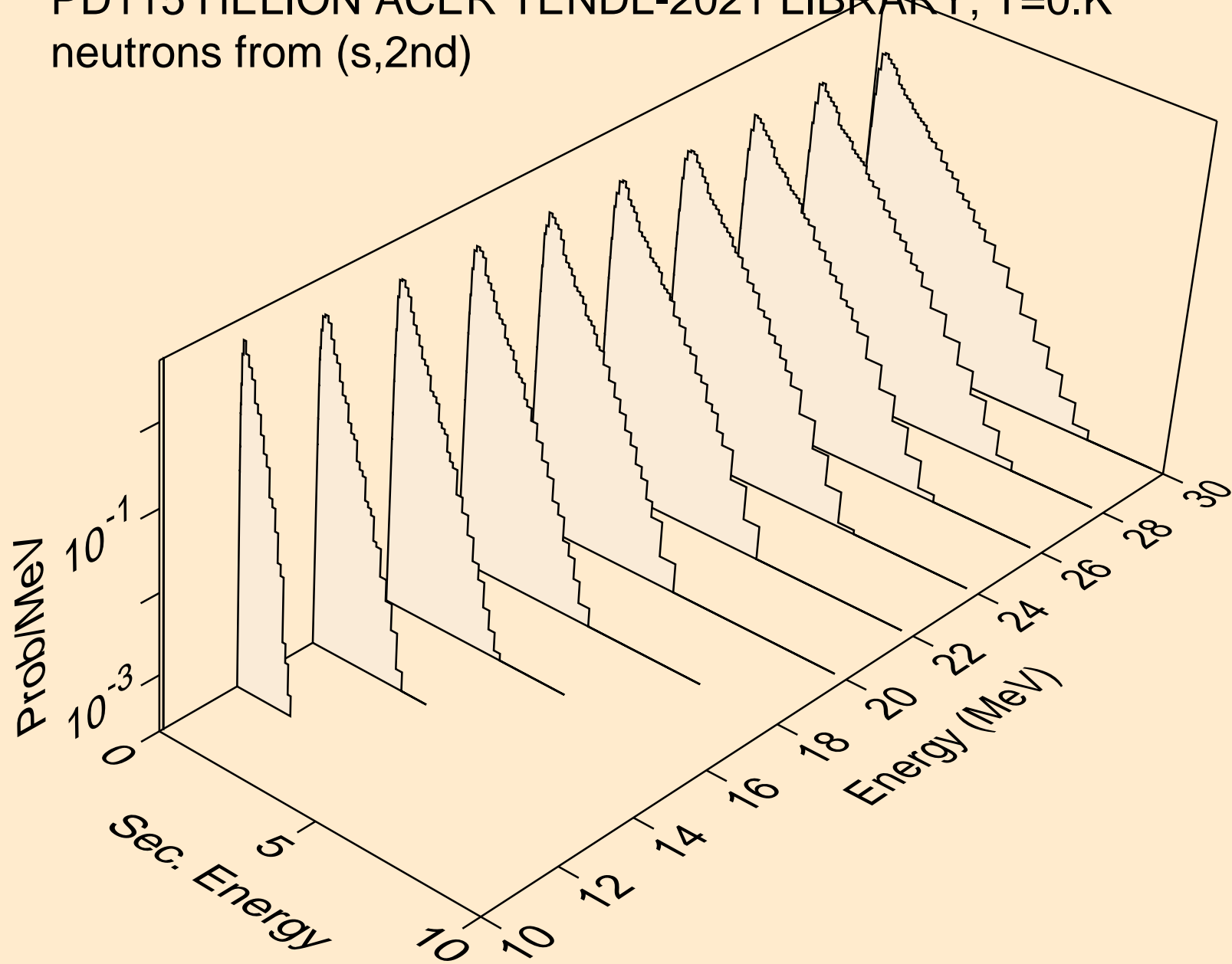
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



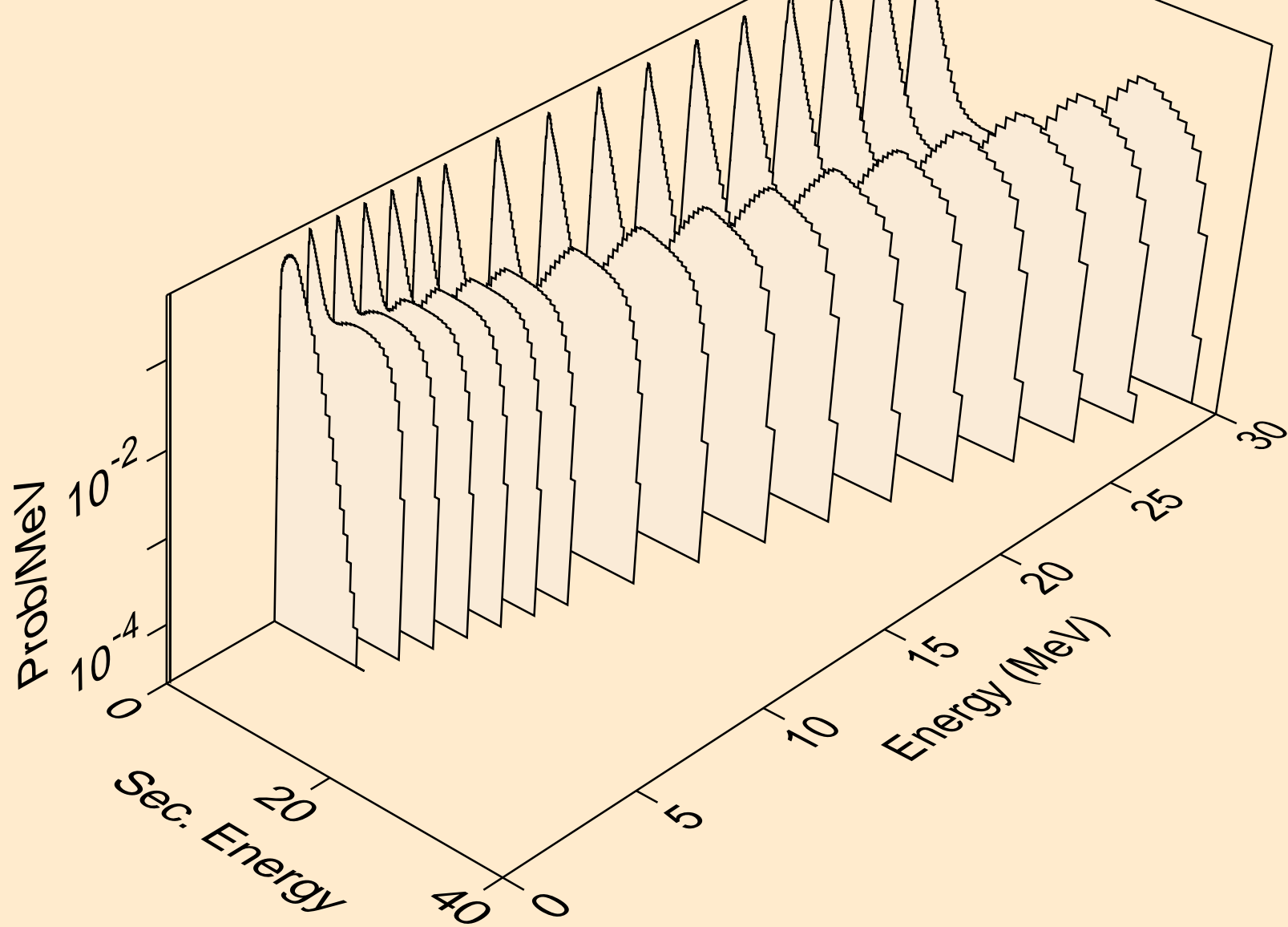
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neutrons from (s,x)



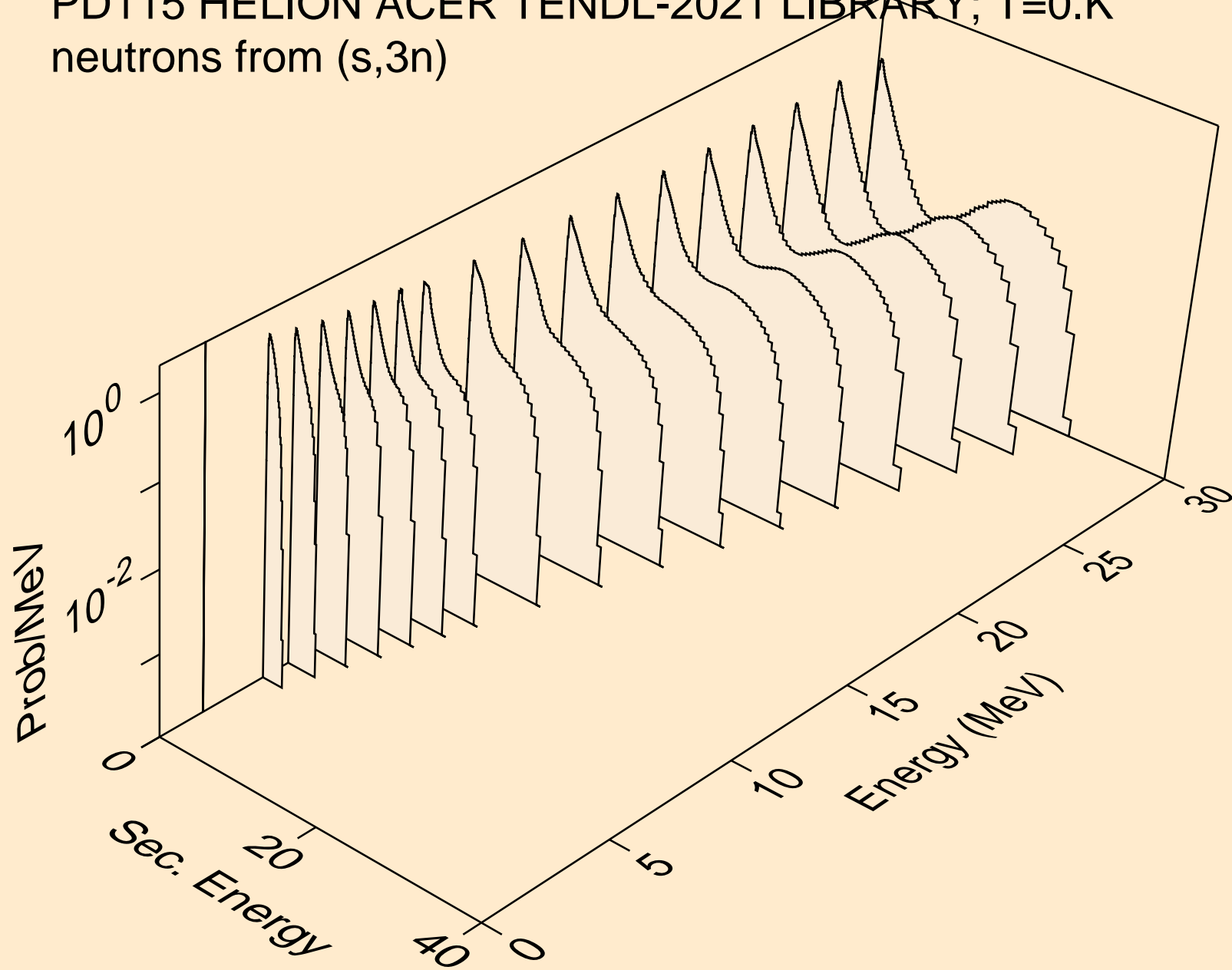
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)

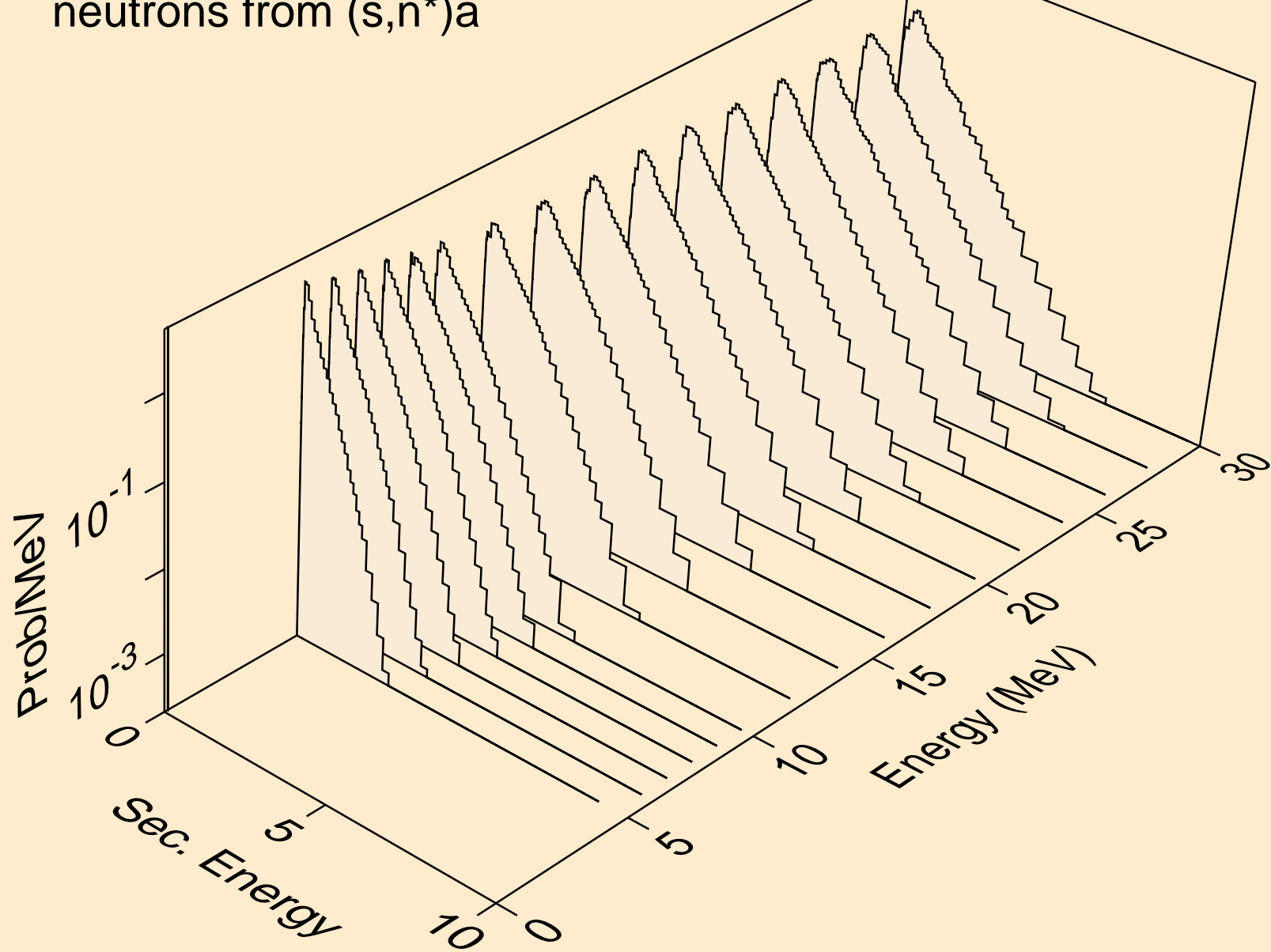


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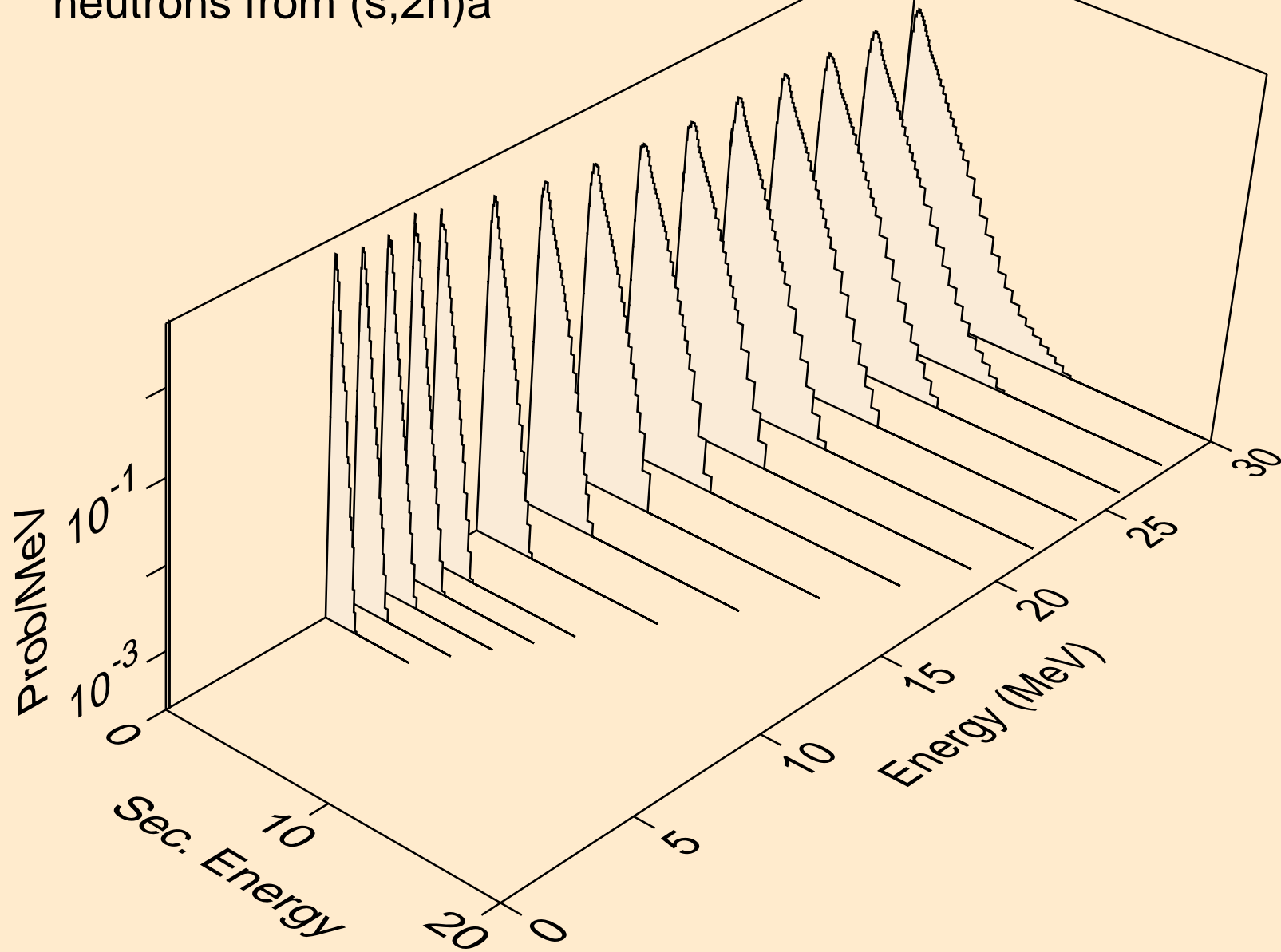




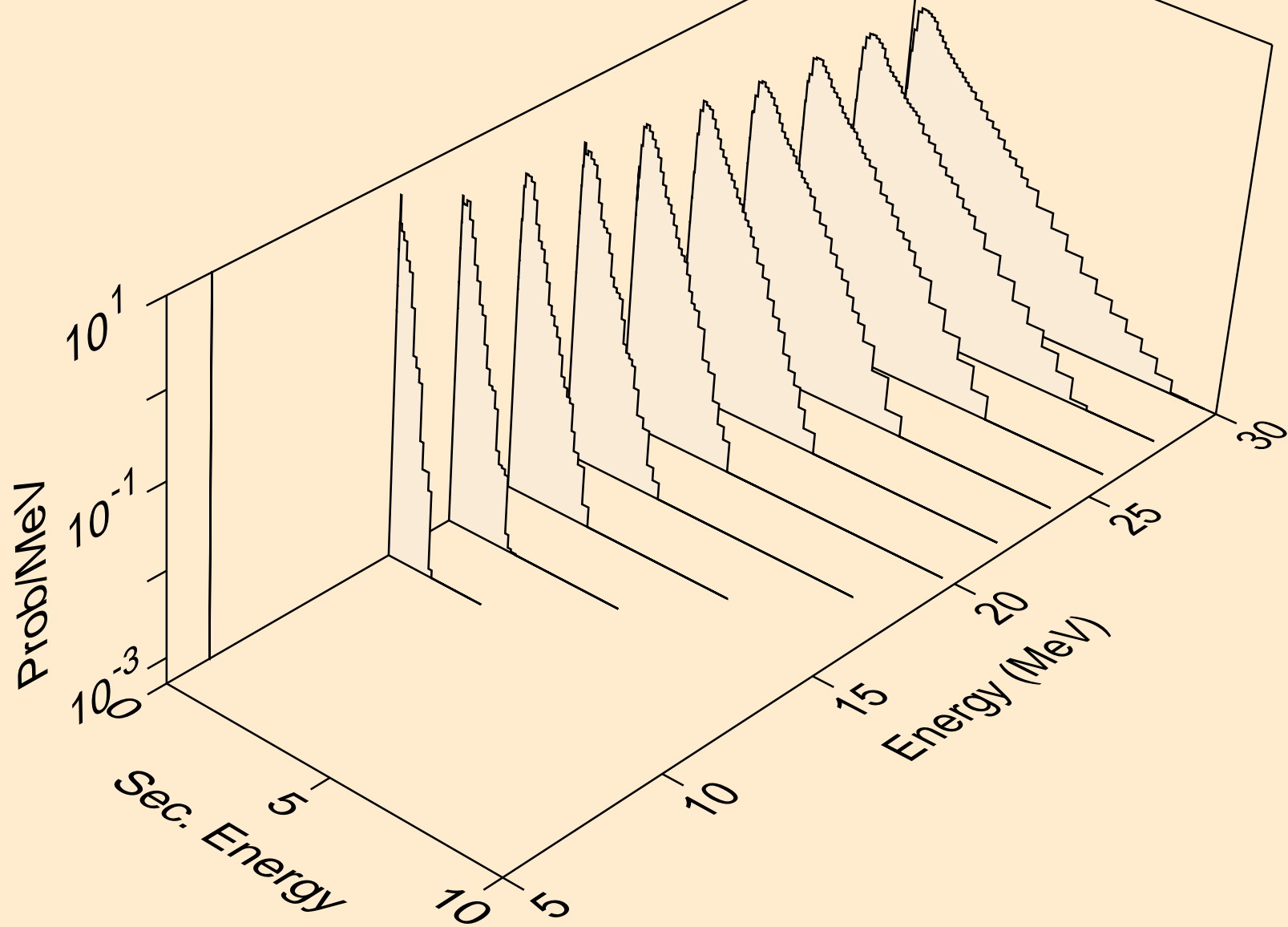
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



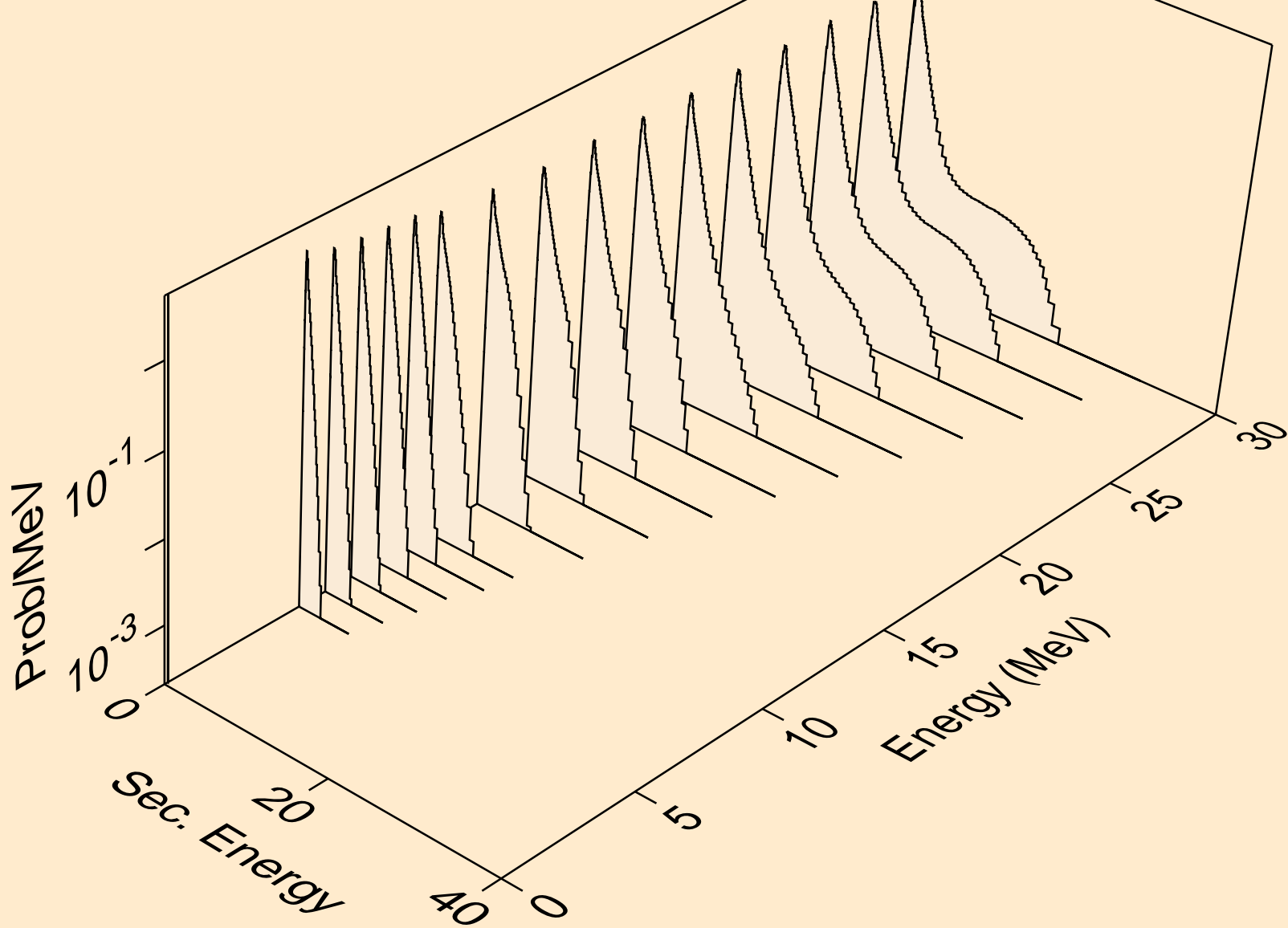
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neutrons from (s,2n)a



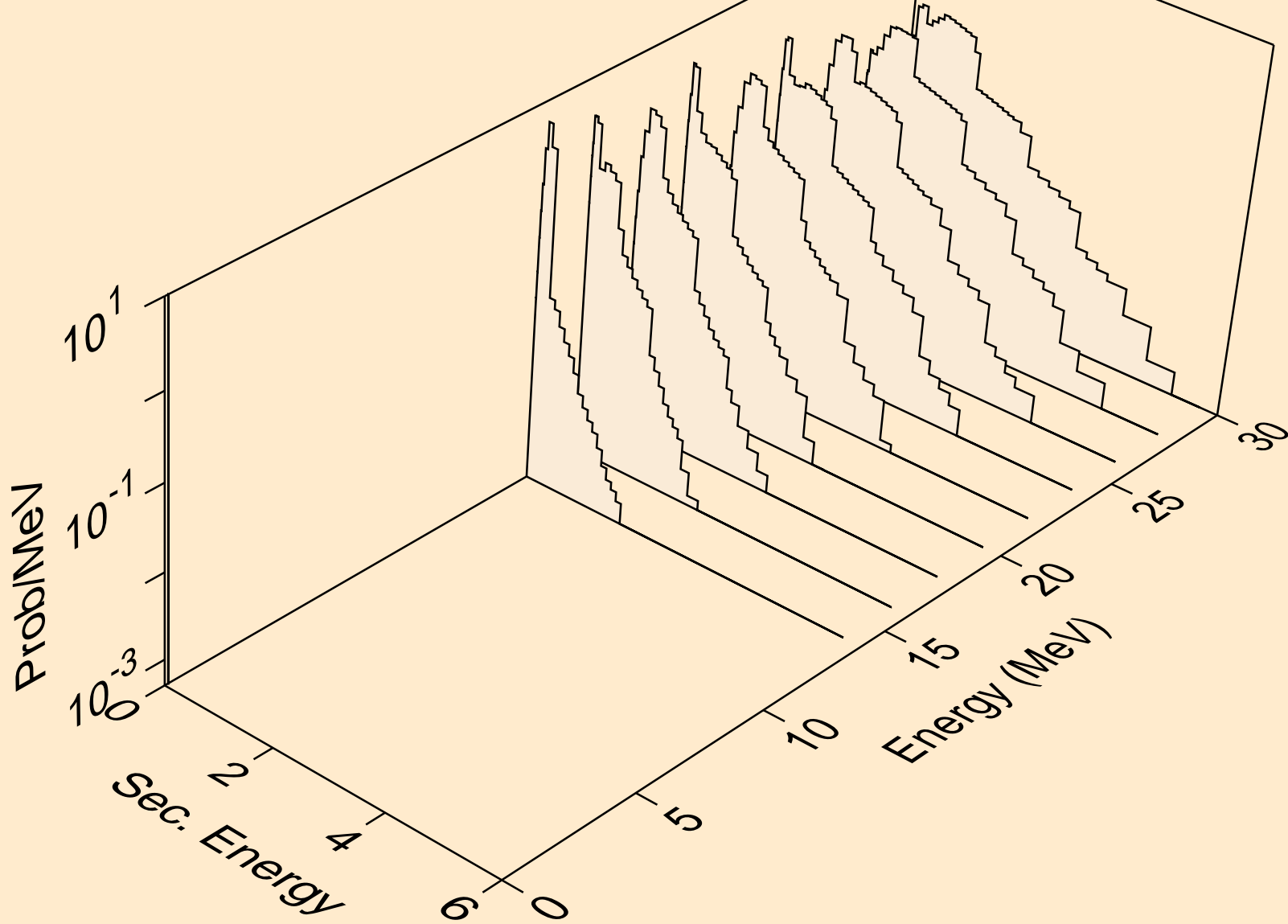
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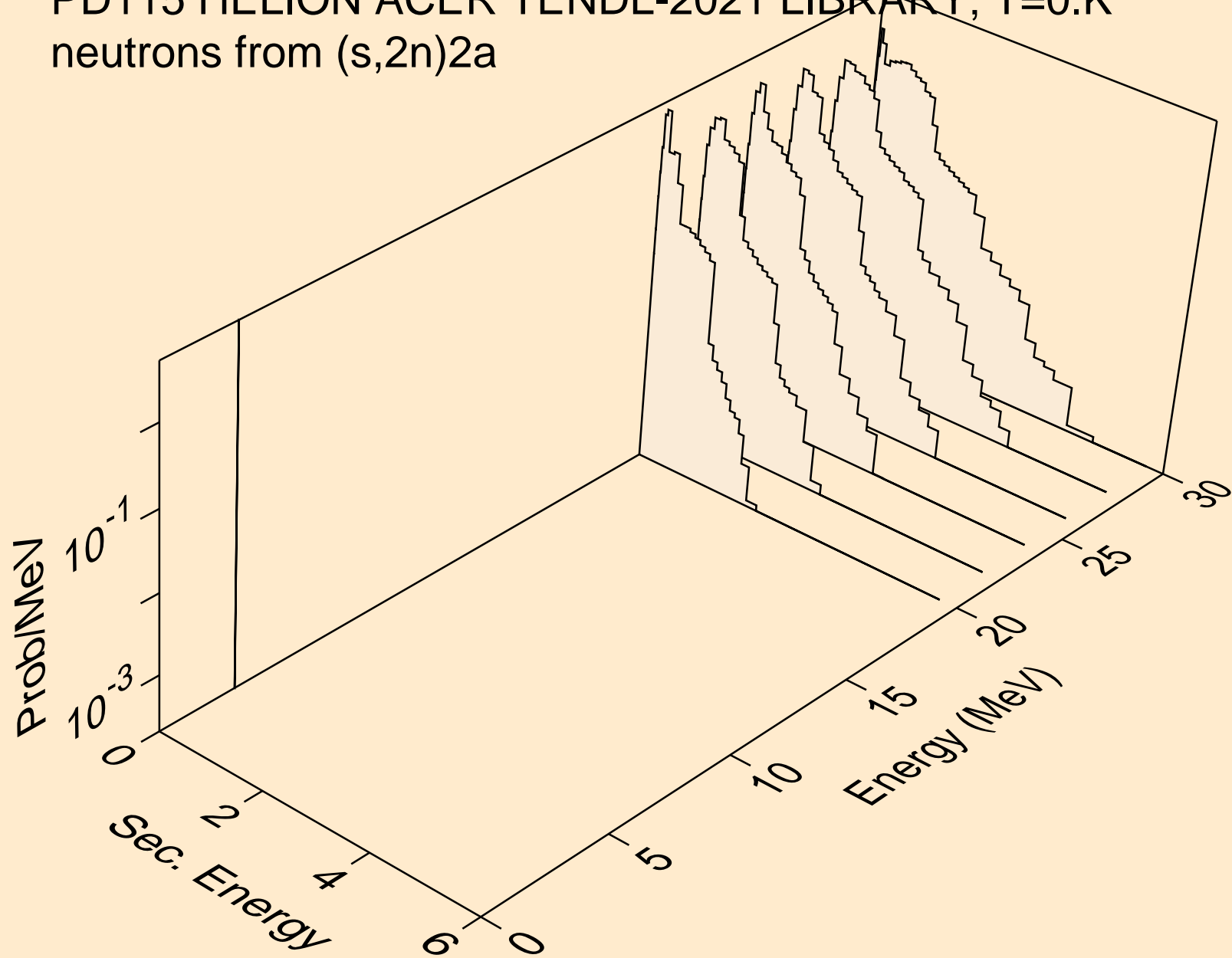
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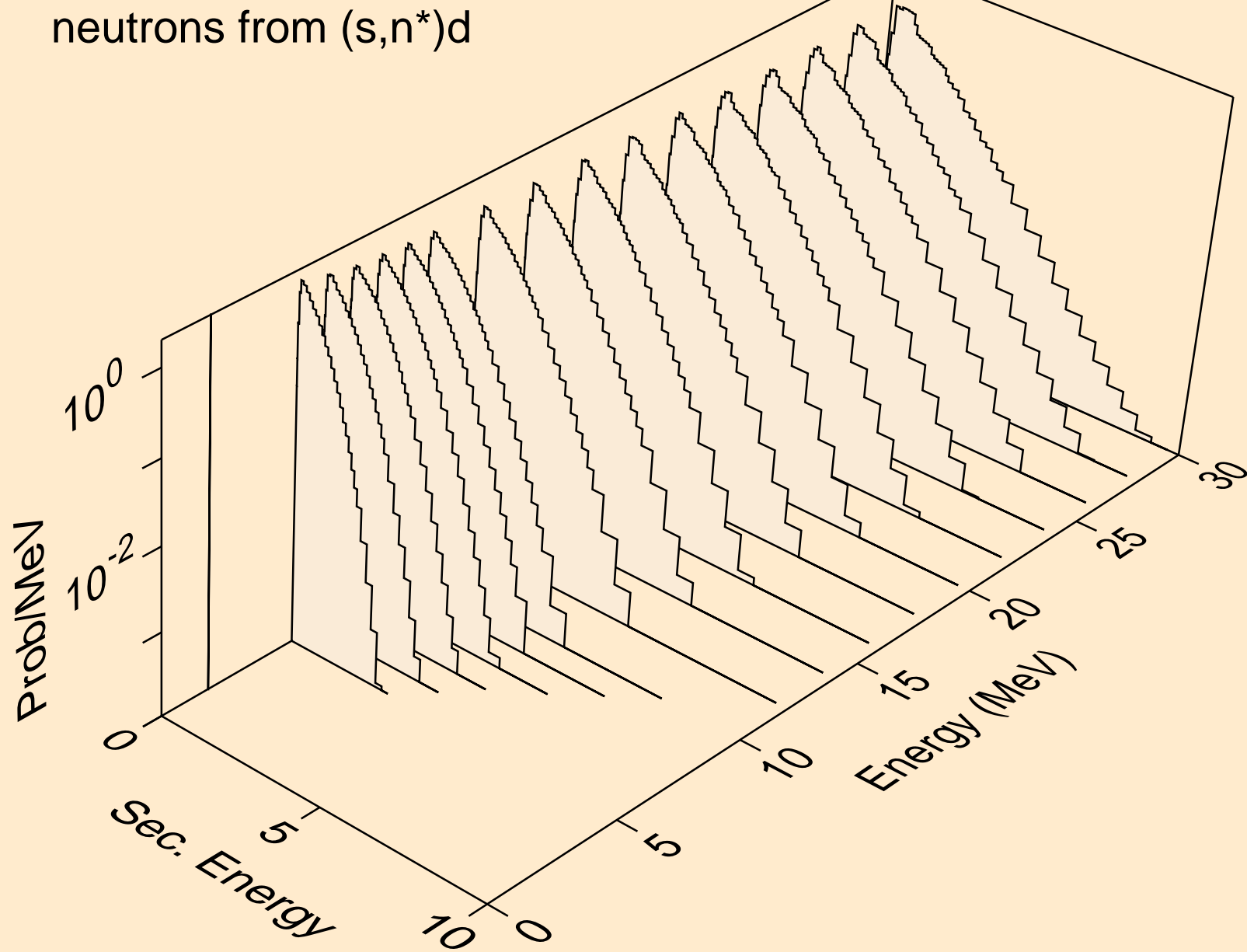
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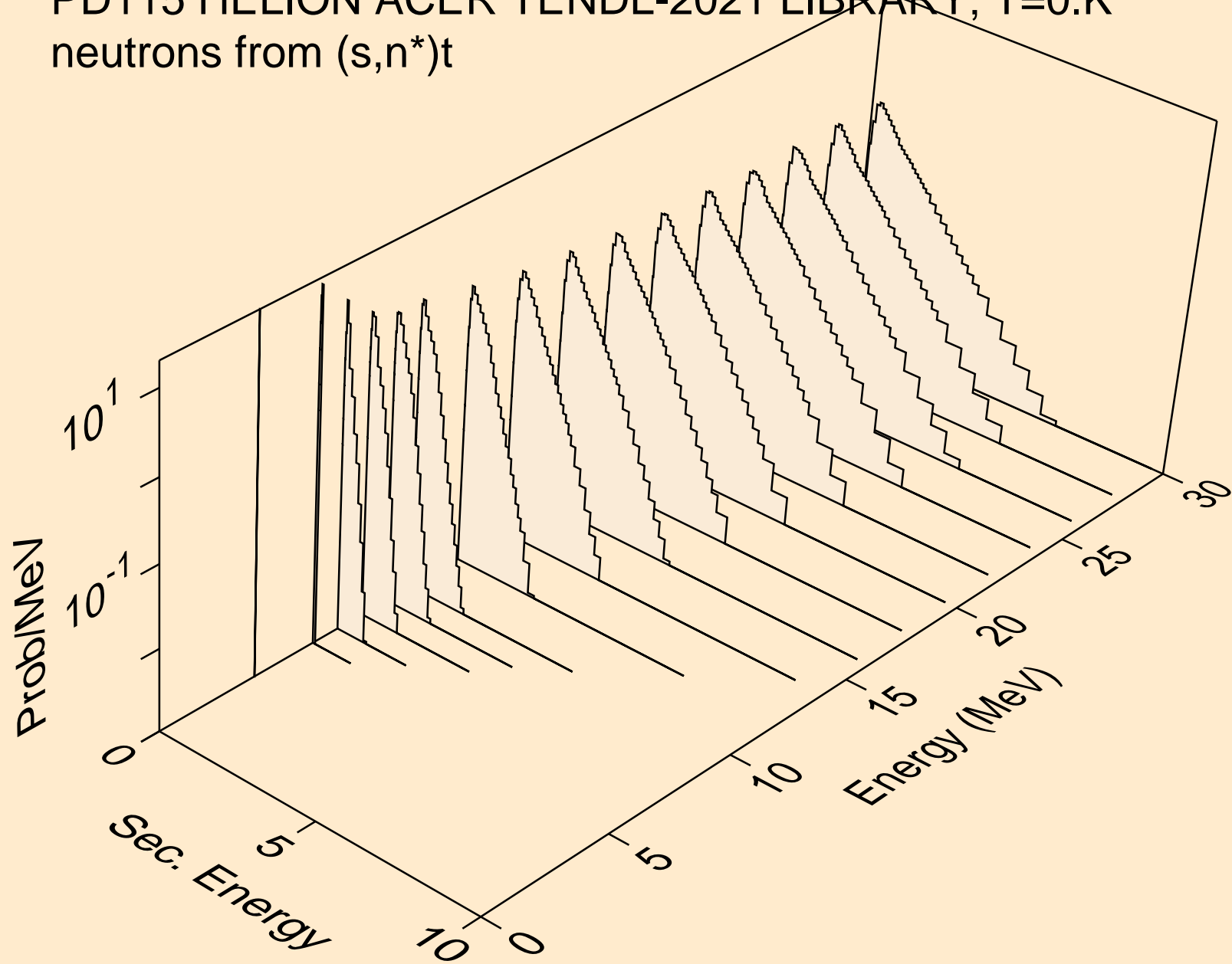
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neutrons from (s,2n)2a



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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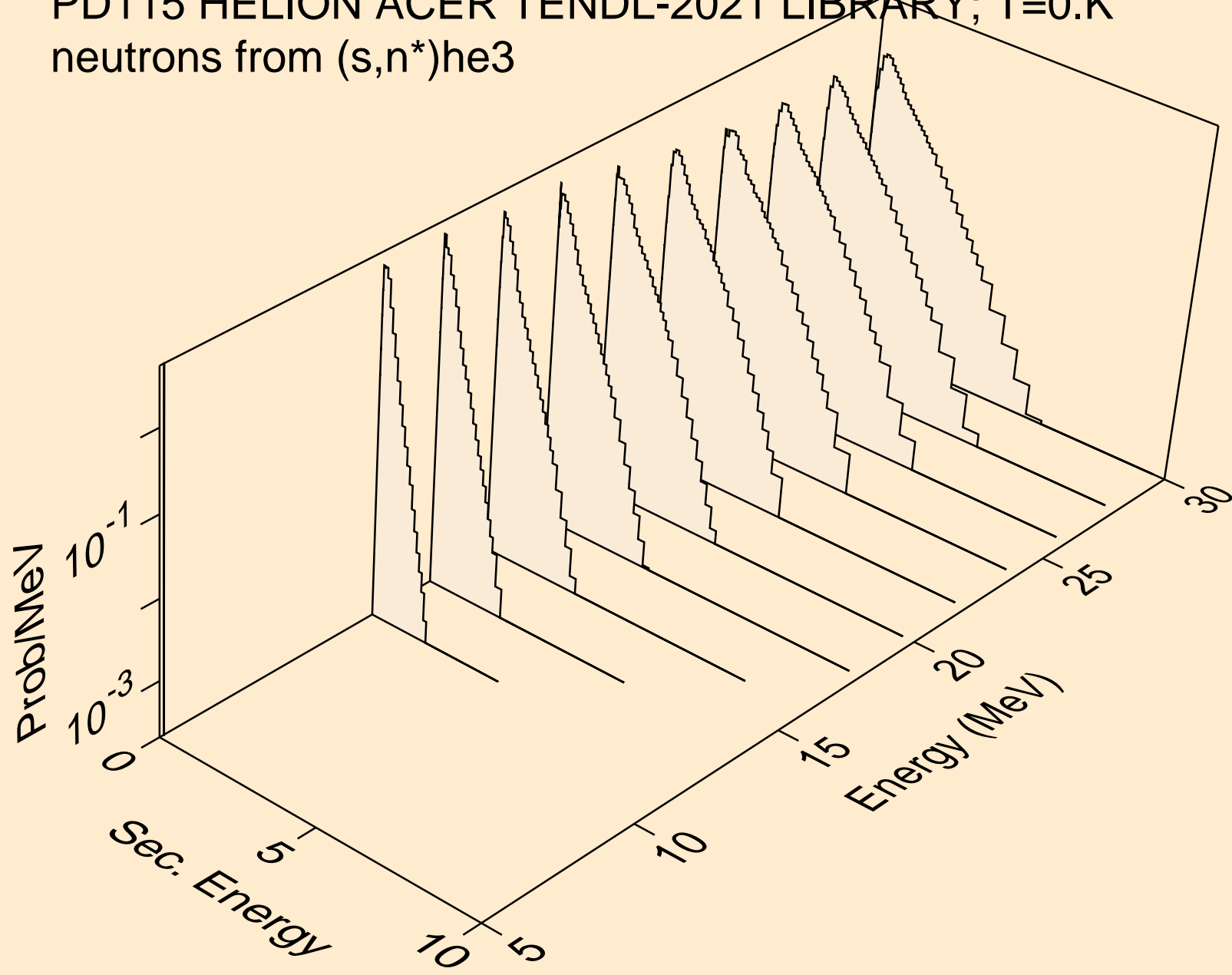


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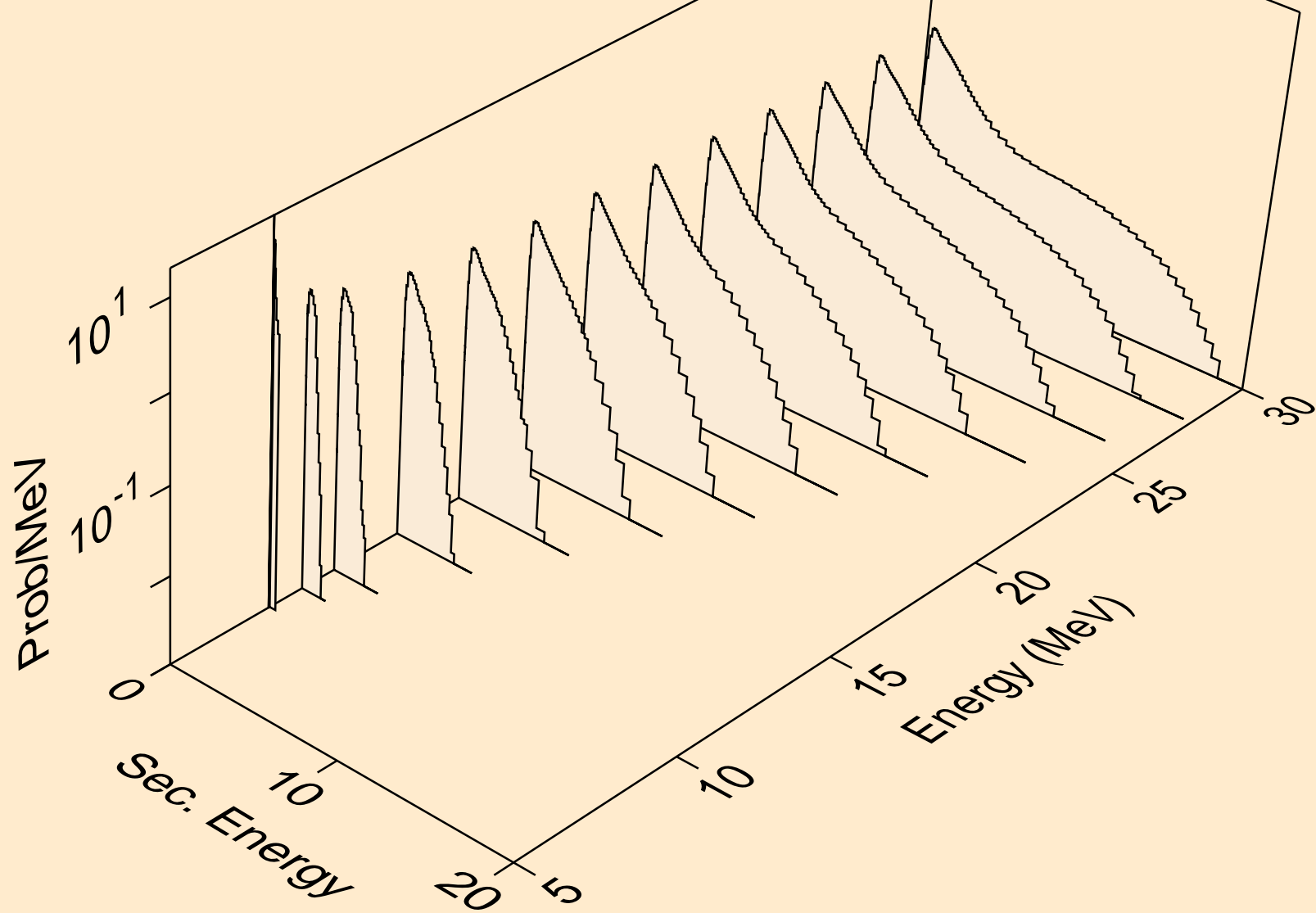




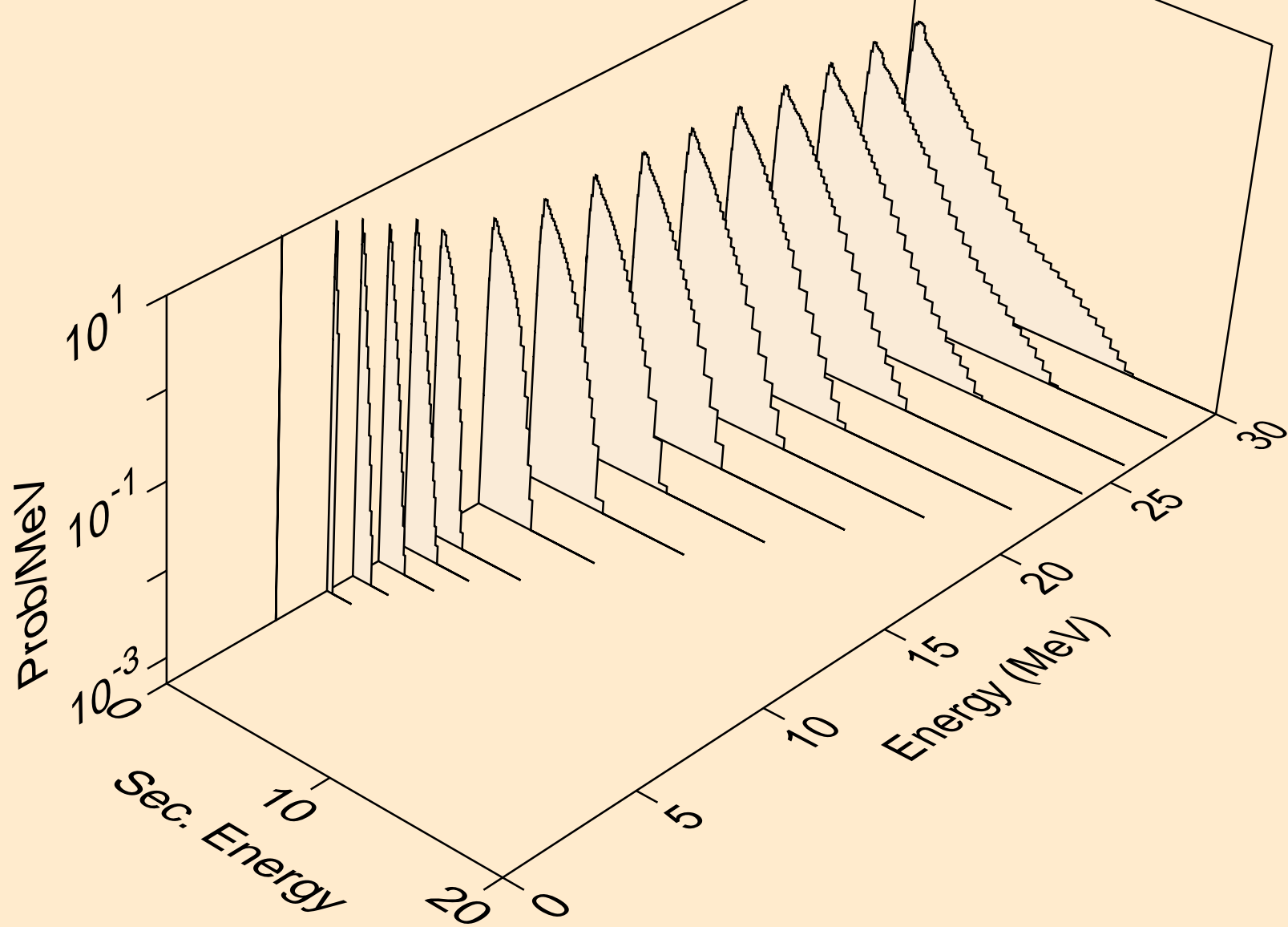
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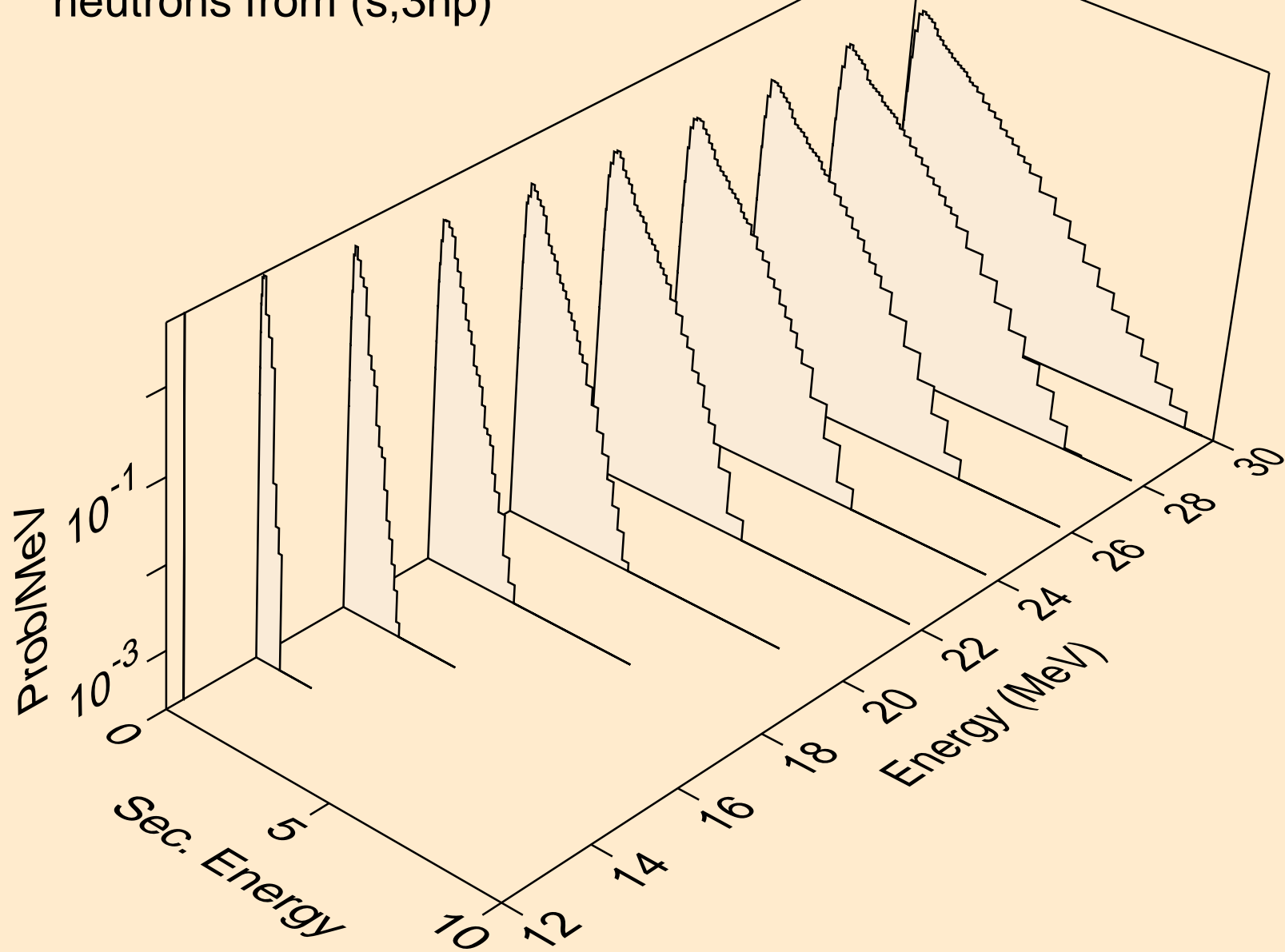
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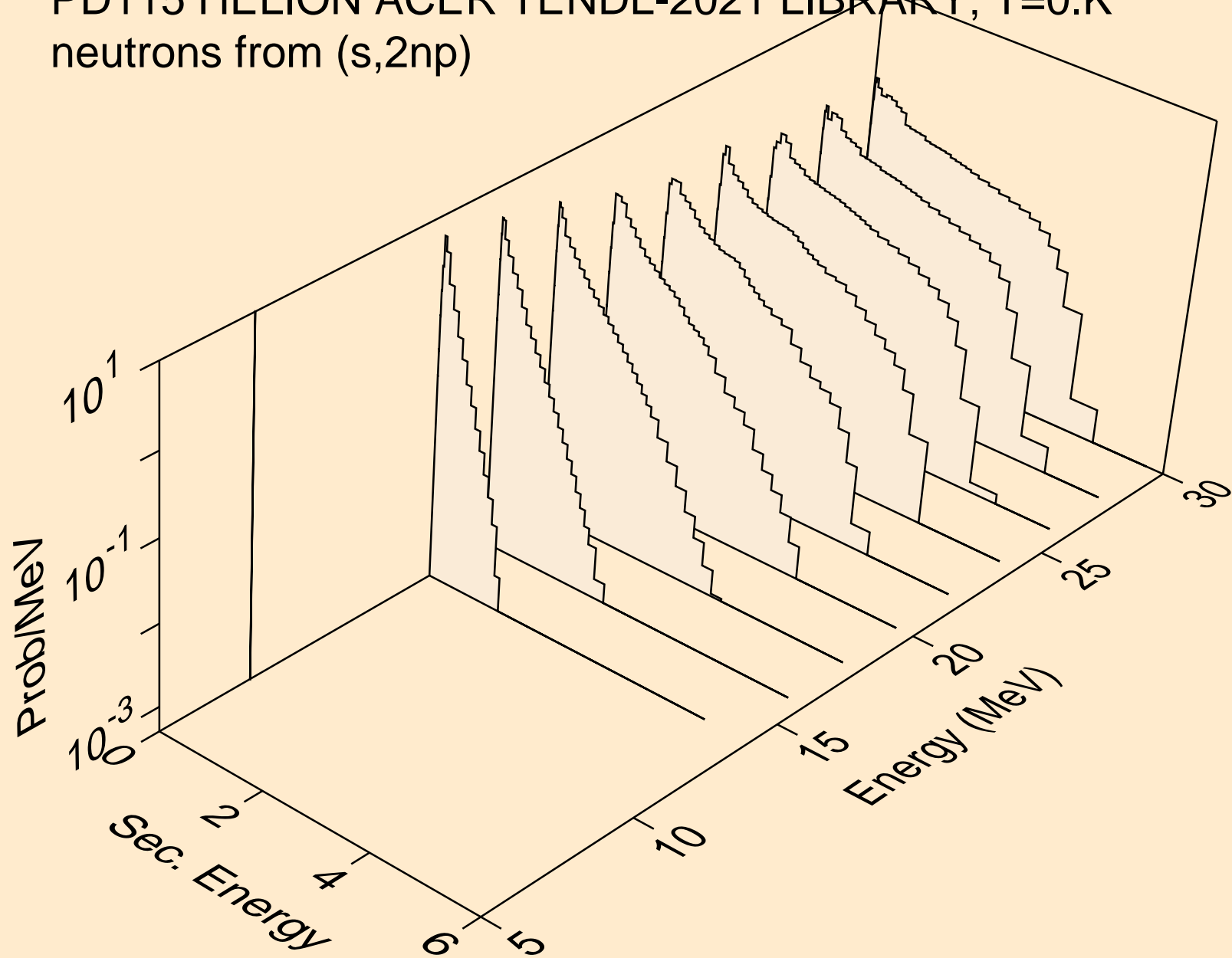
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neutrons from (s,2np)



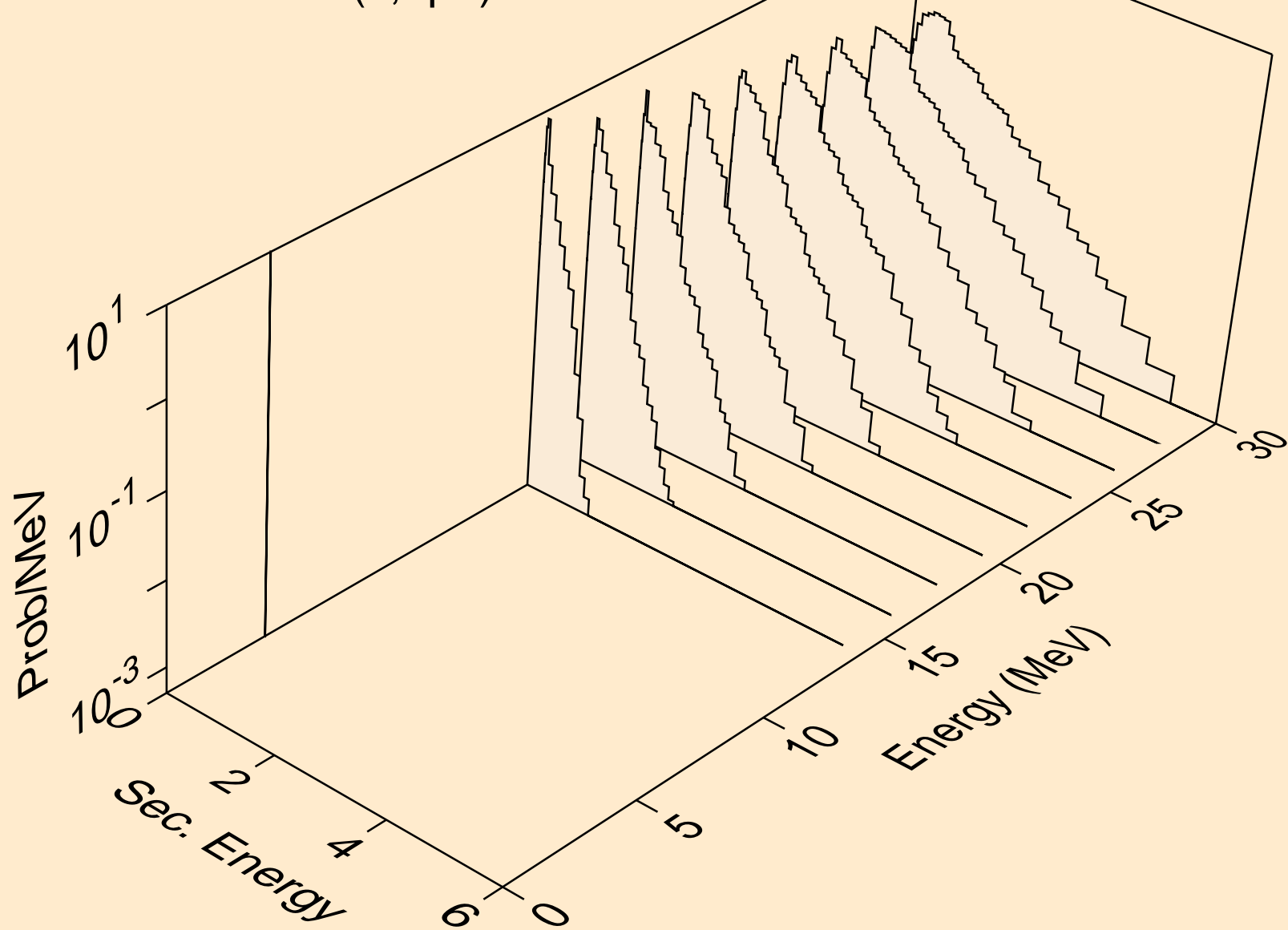
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



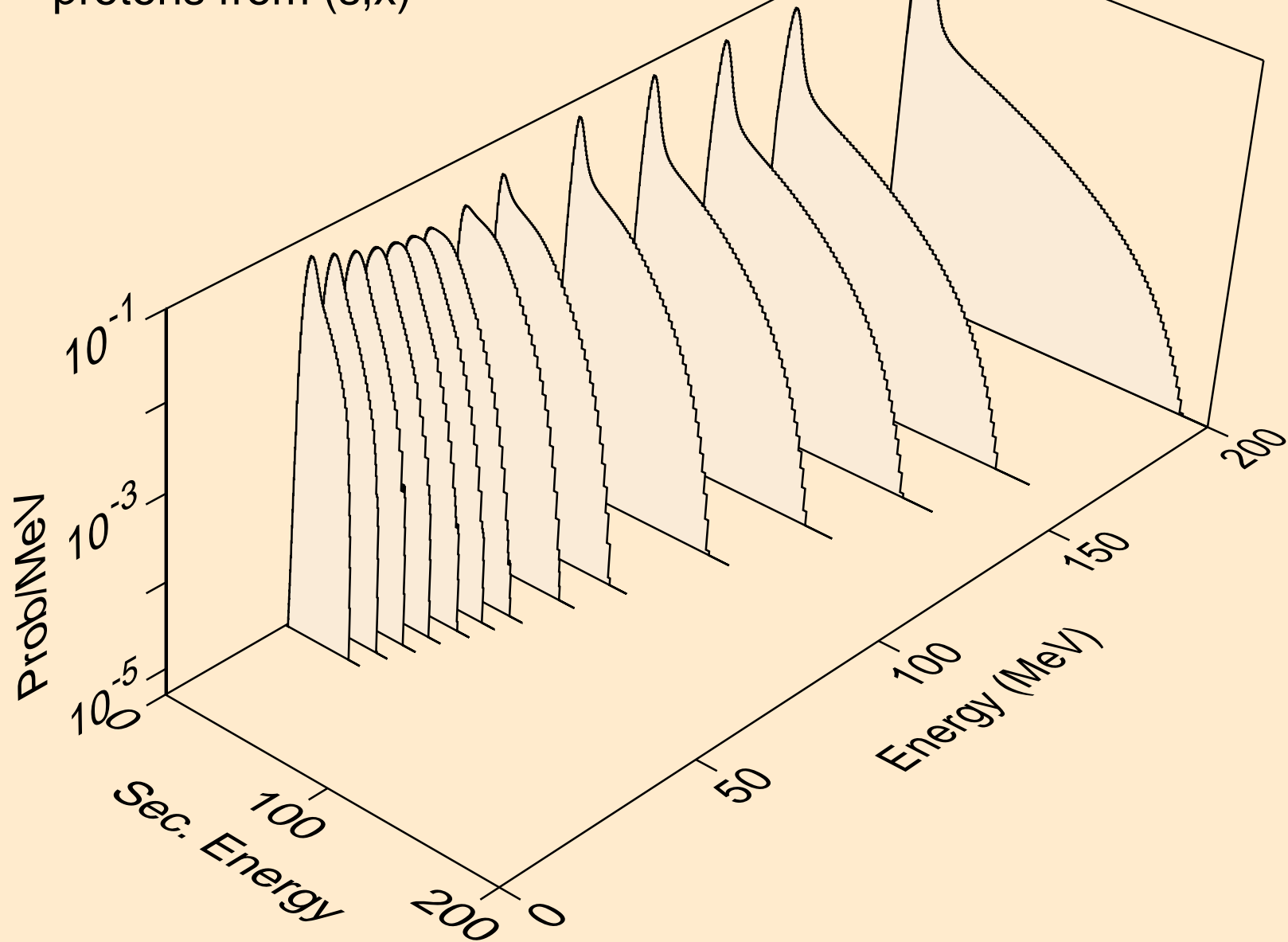
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neutrons from (s,2np)



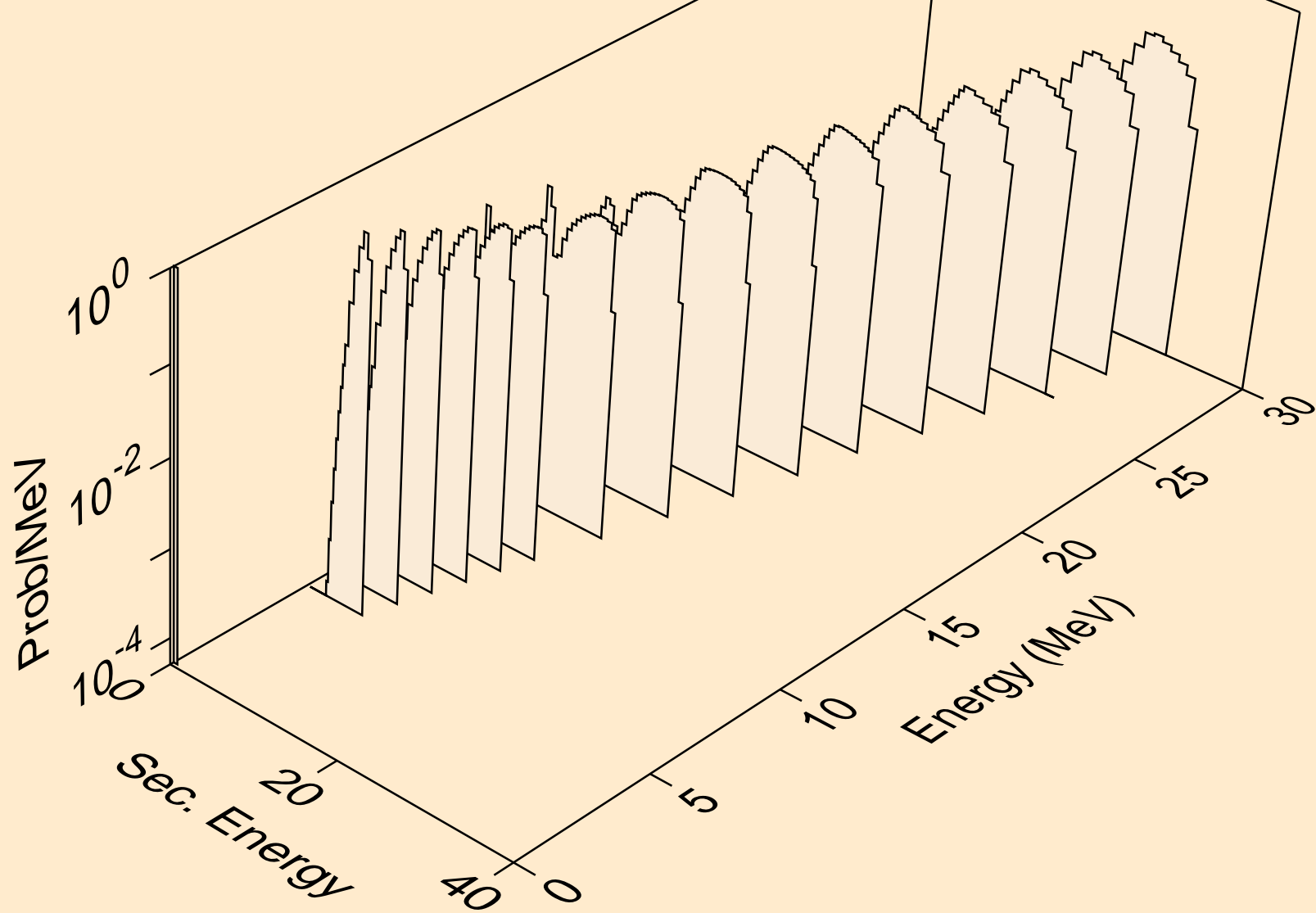
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)

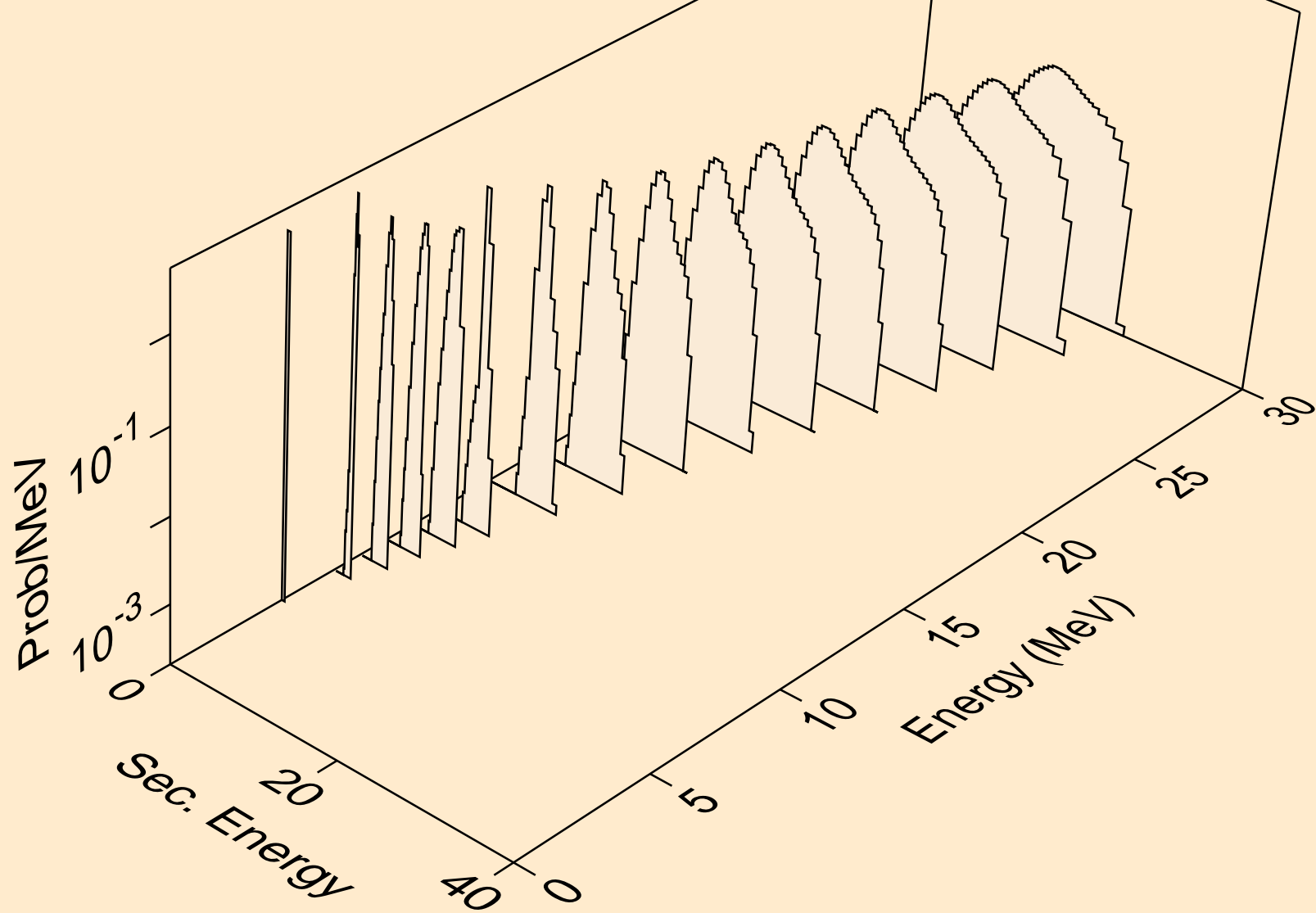


PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p

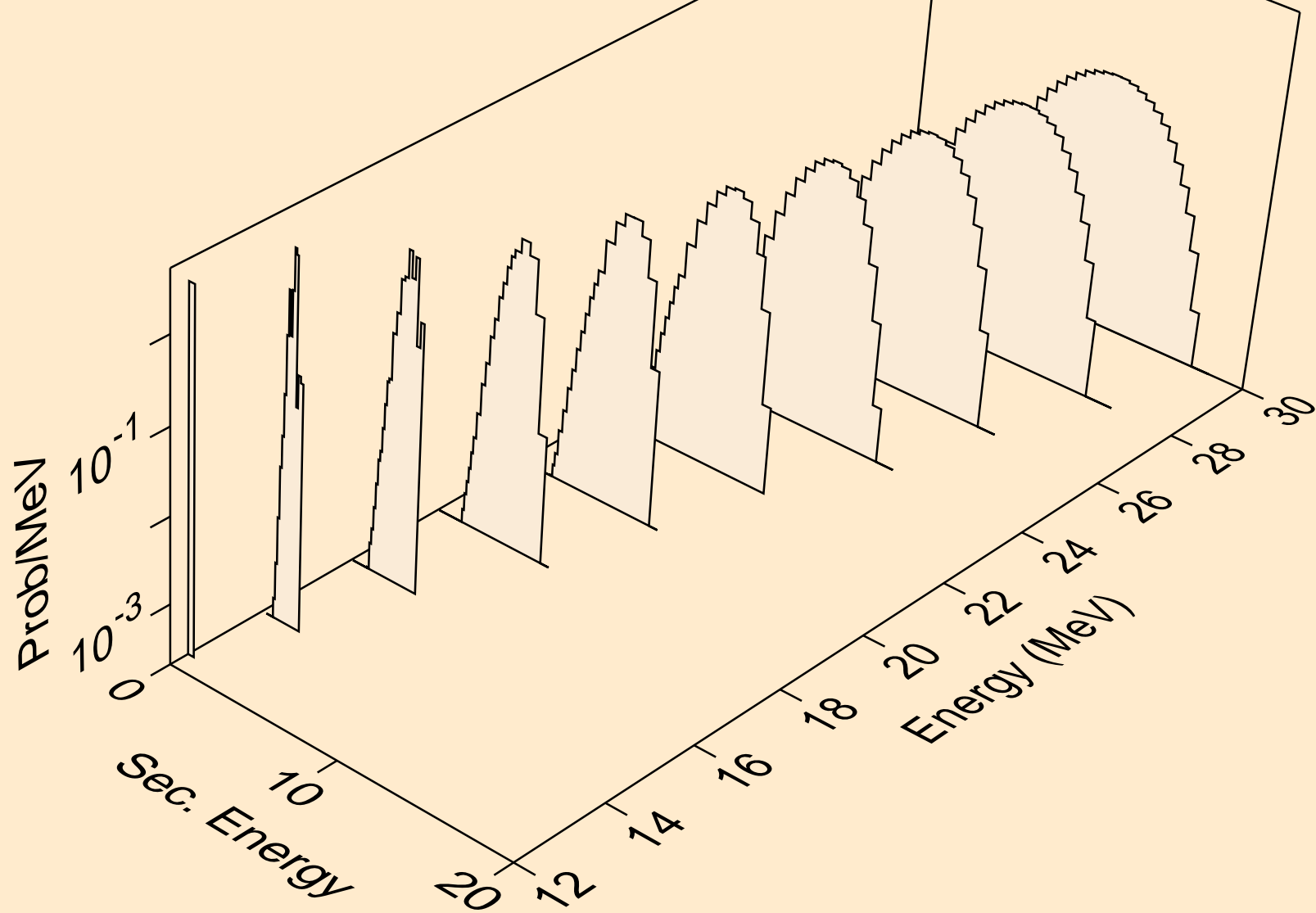




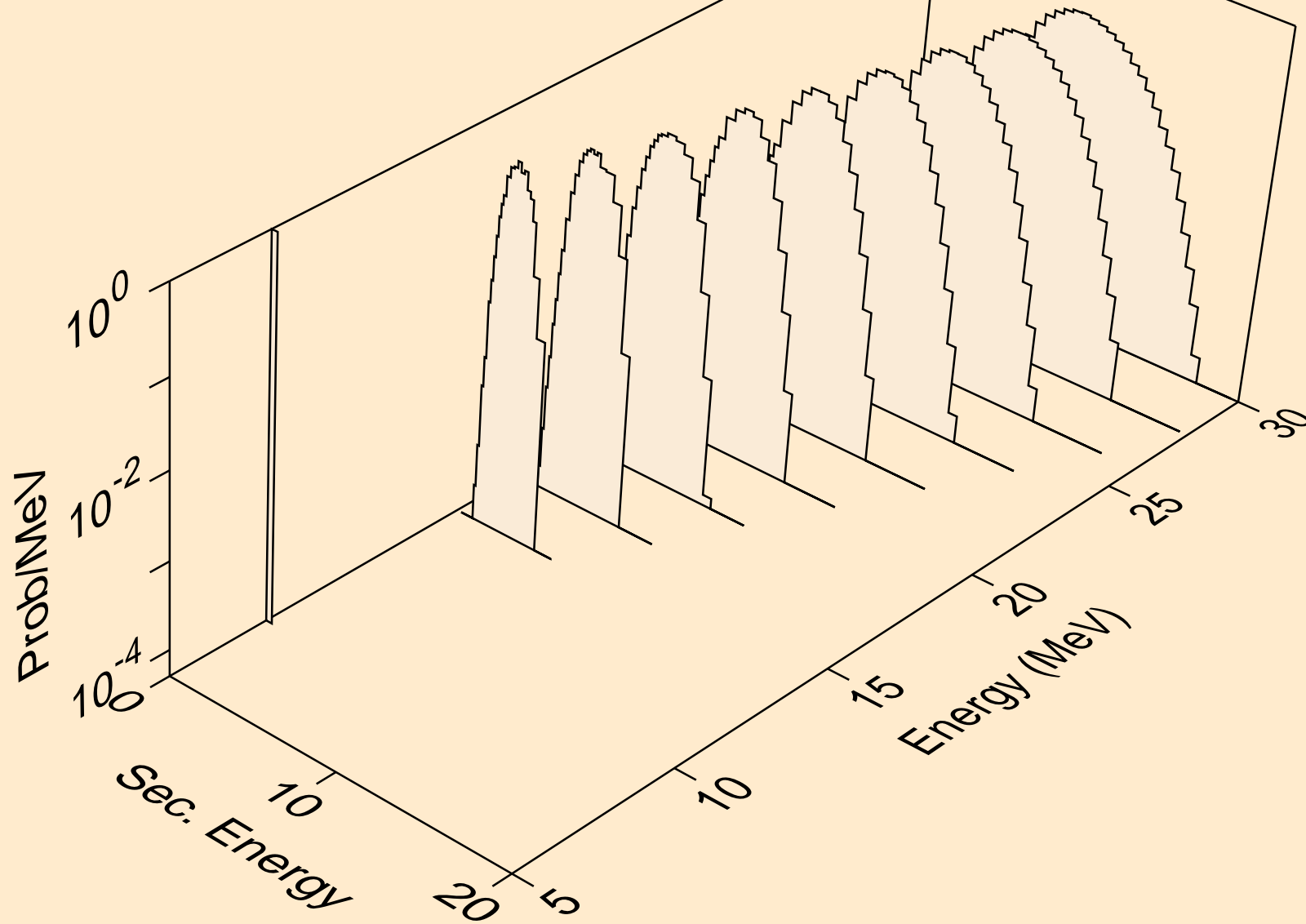
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protons from (s,2np)



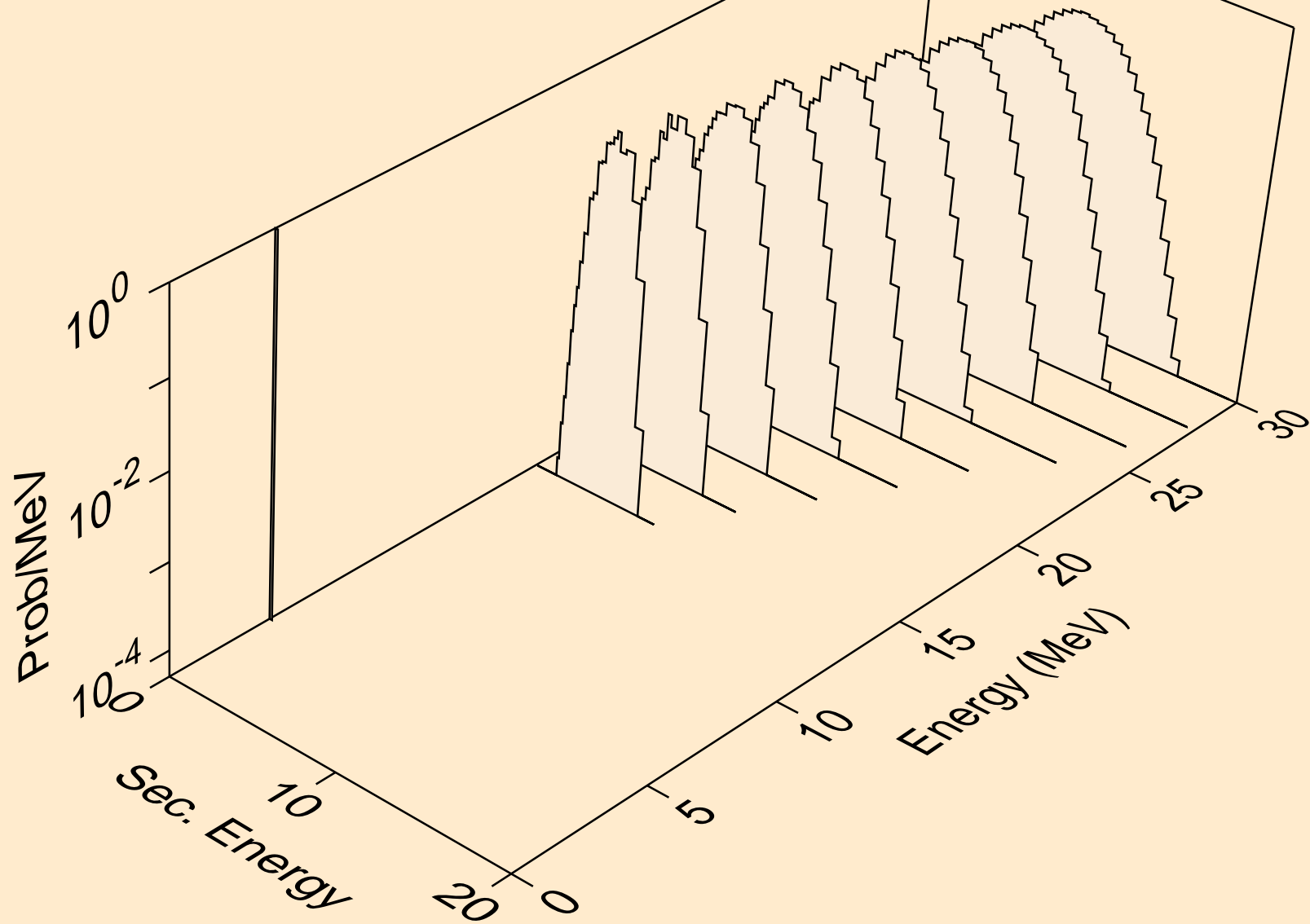
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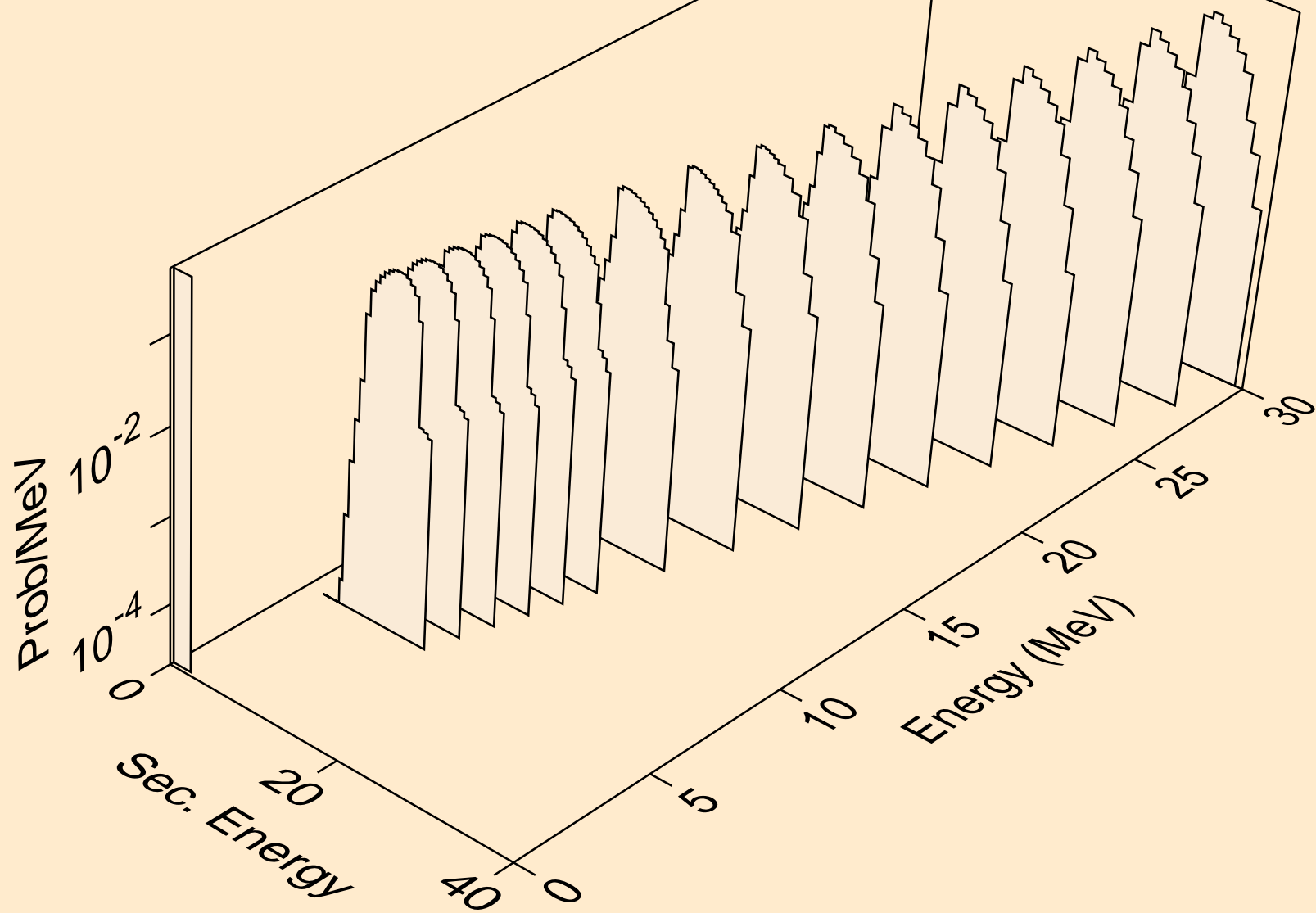
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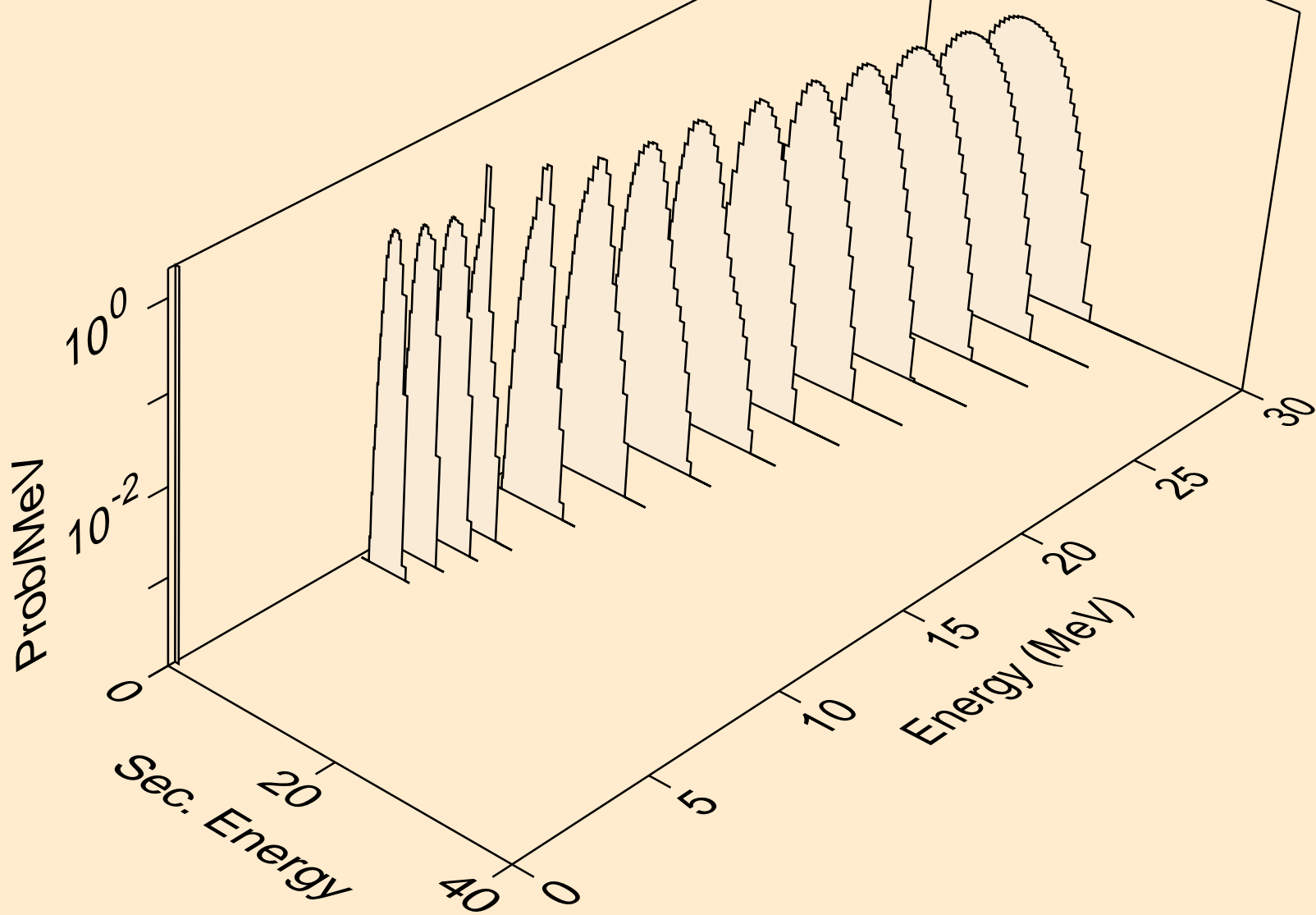
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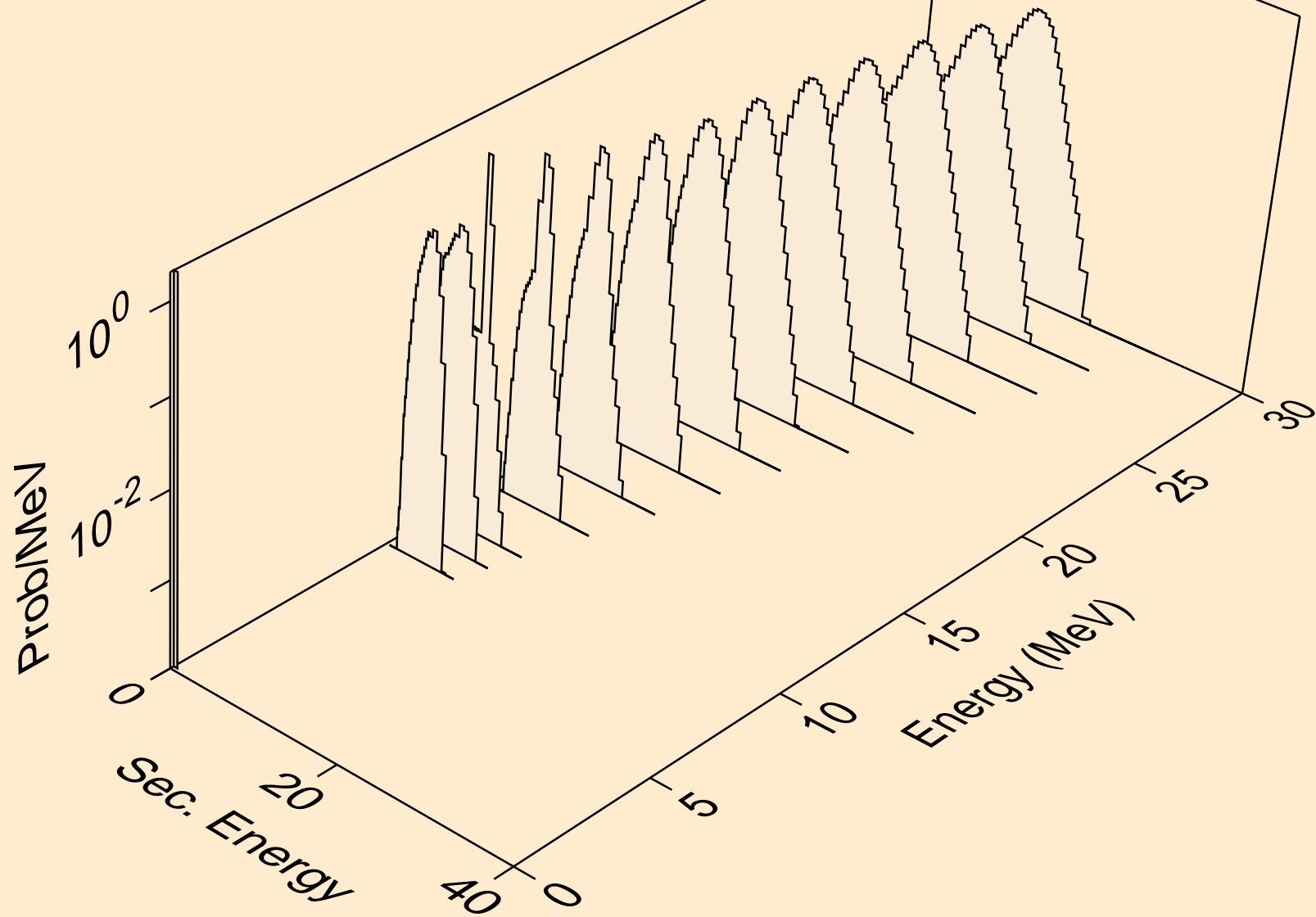
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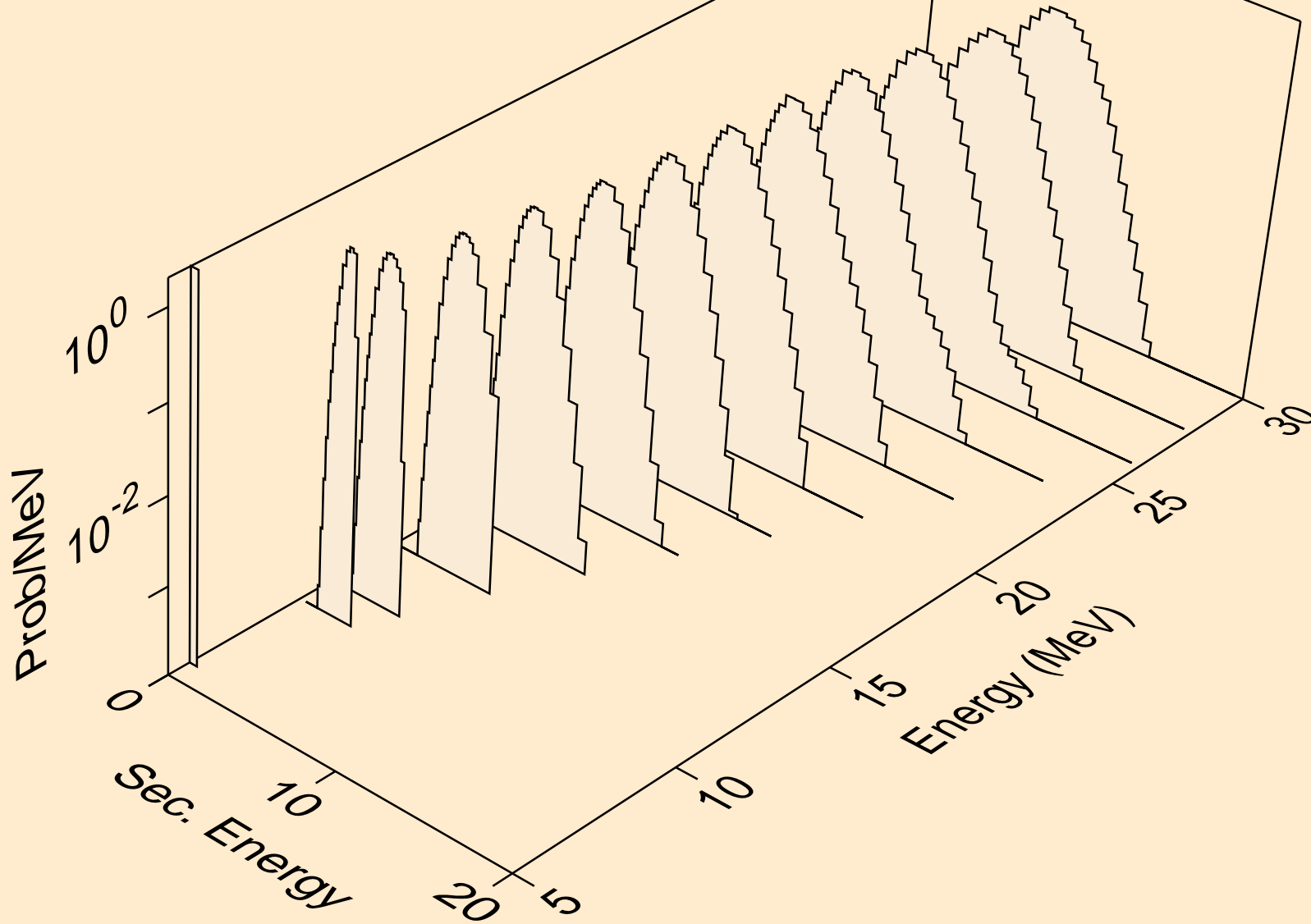
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PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)

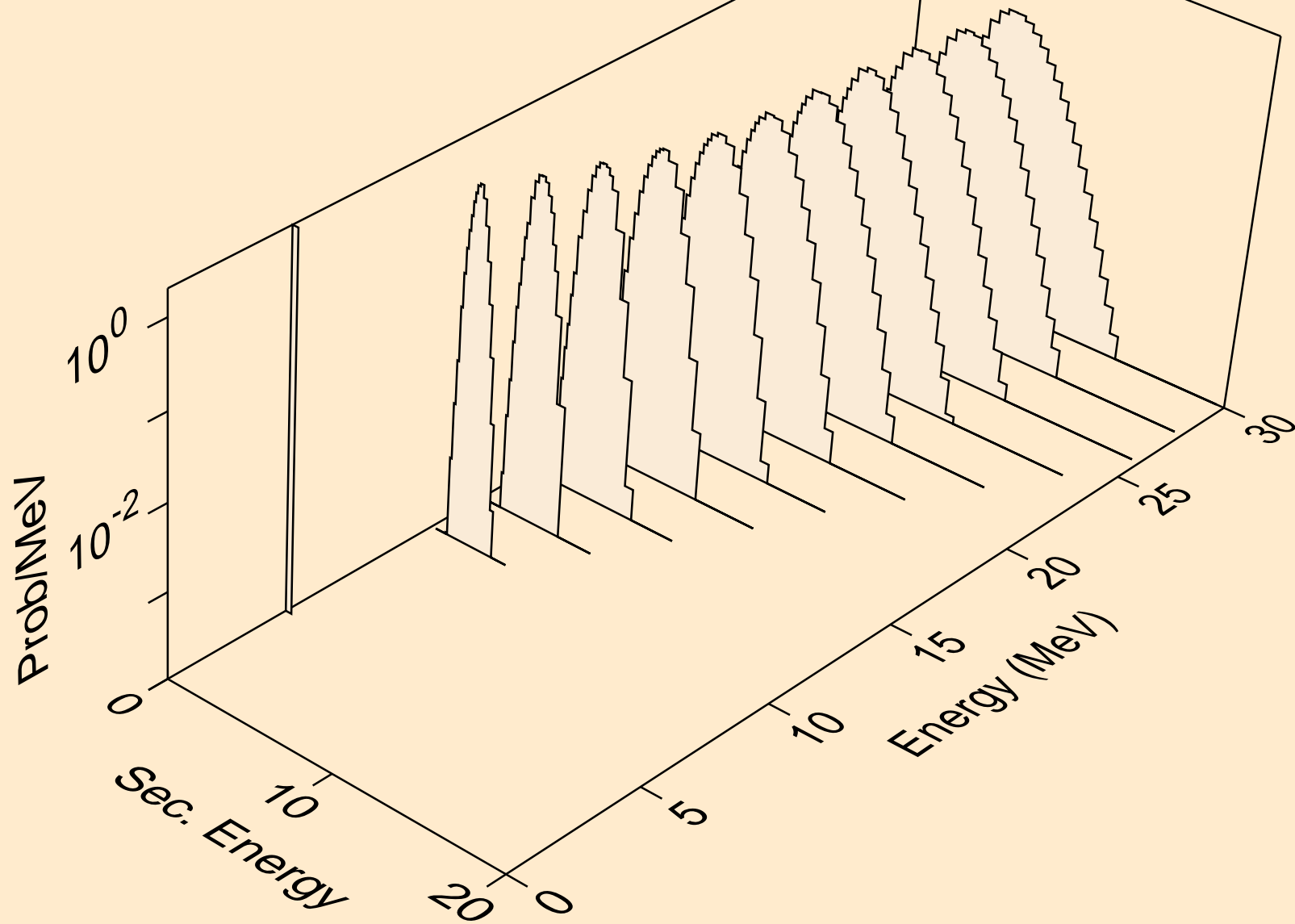


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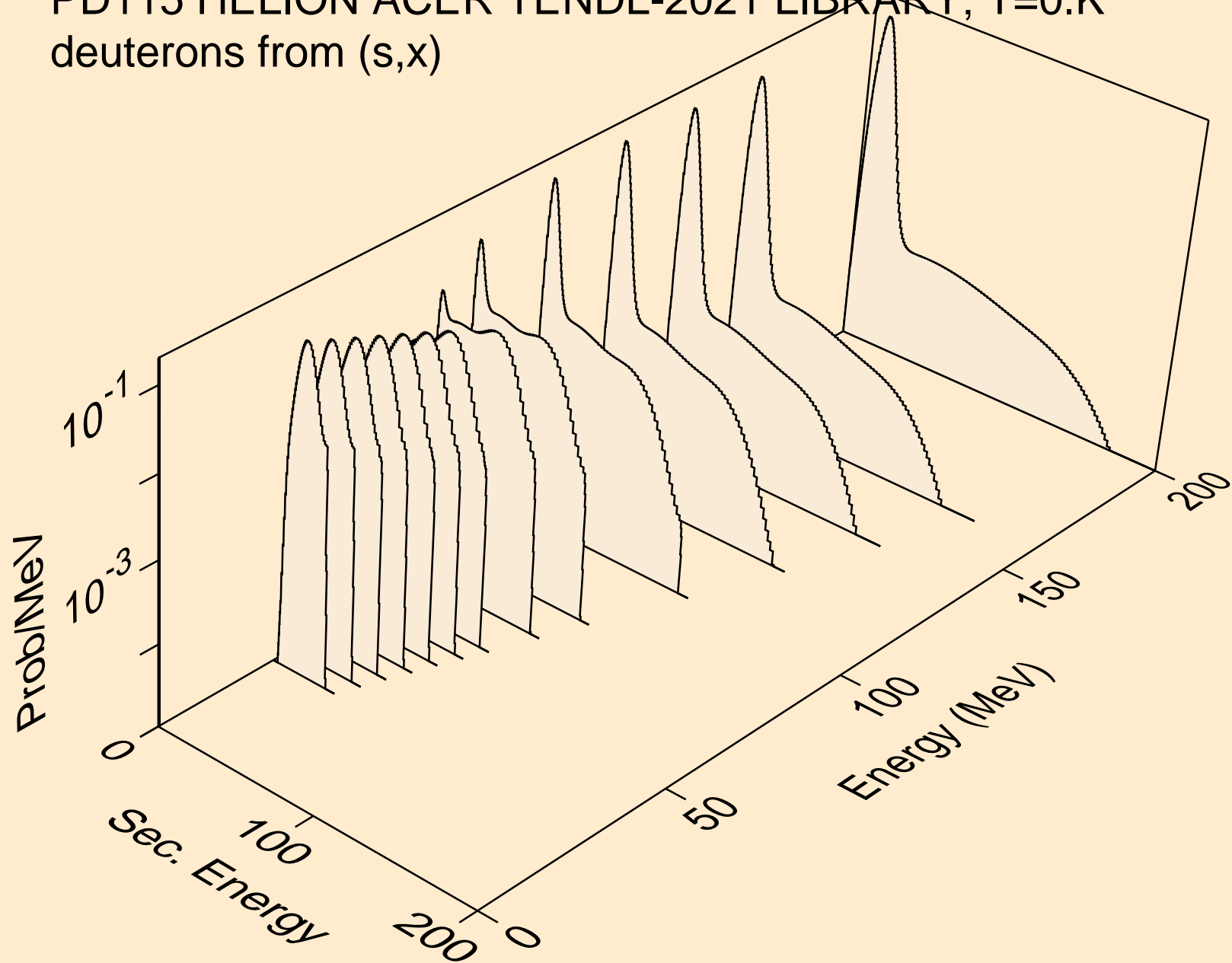




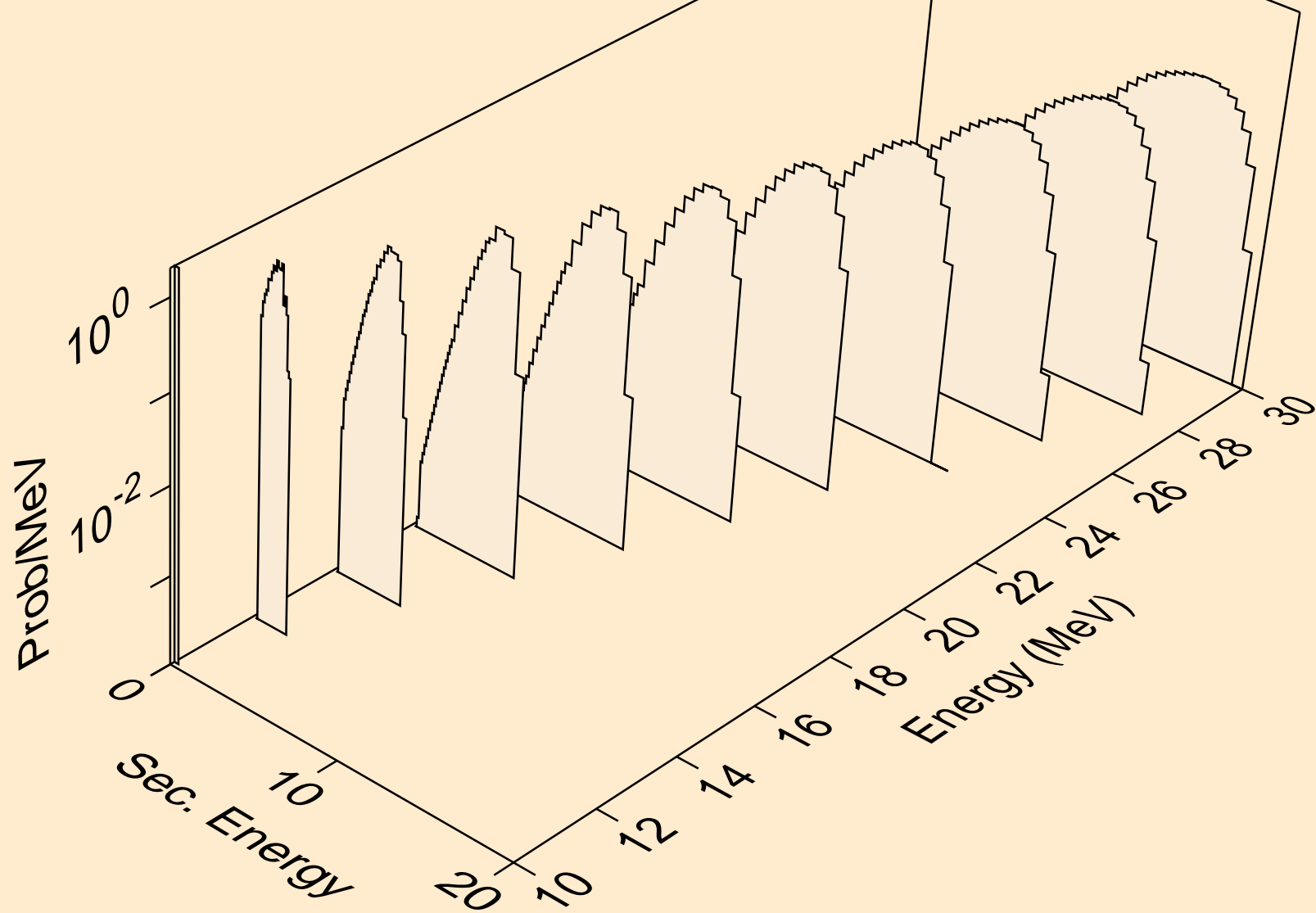
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protons from (s,pt)



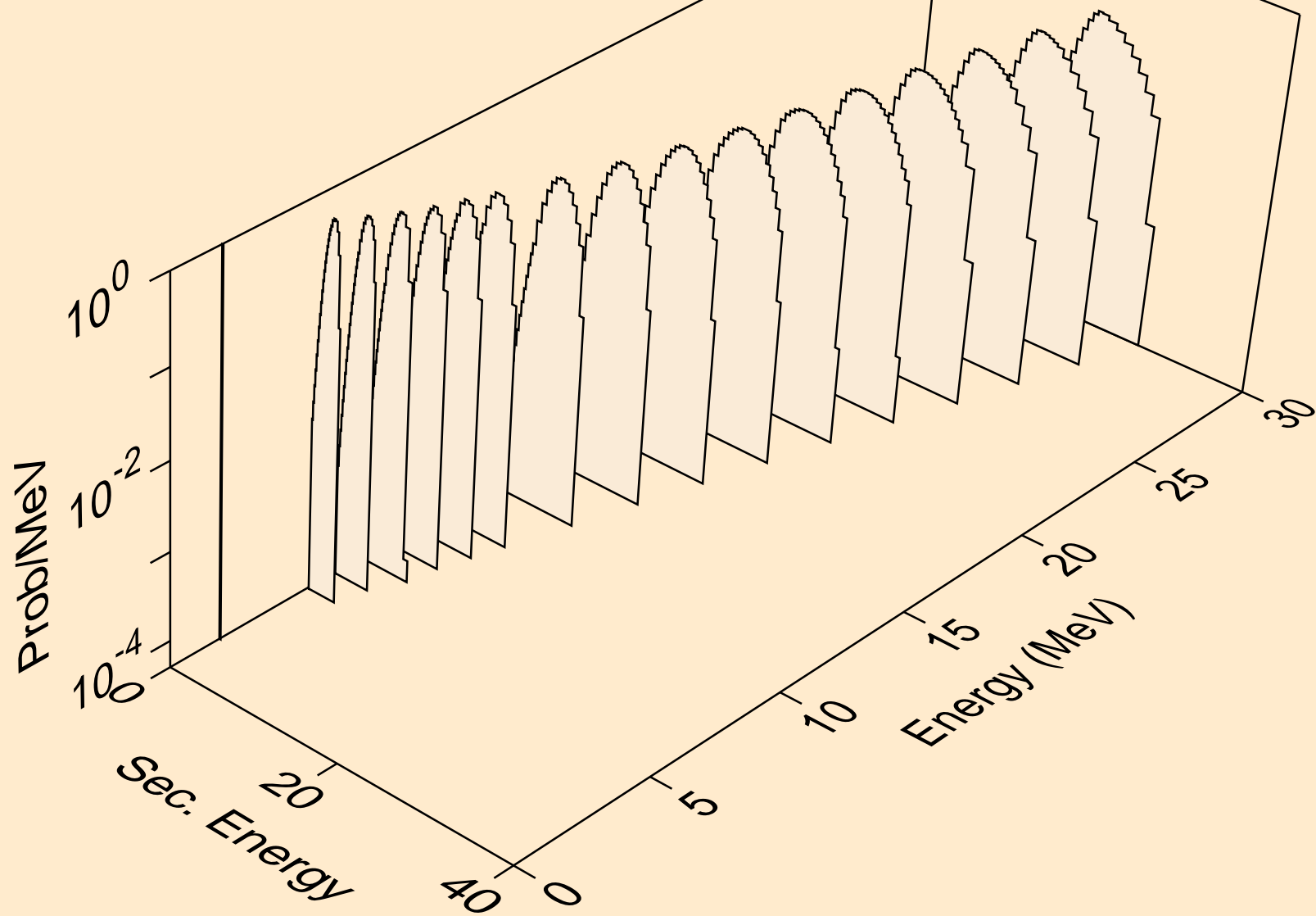
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



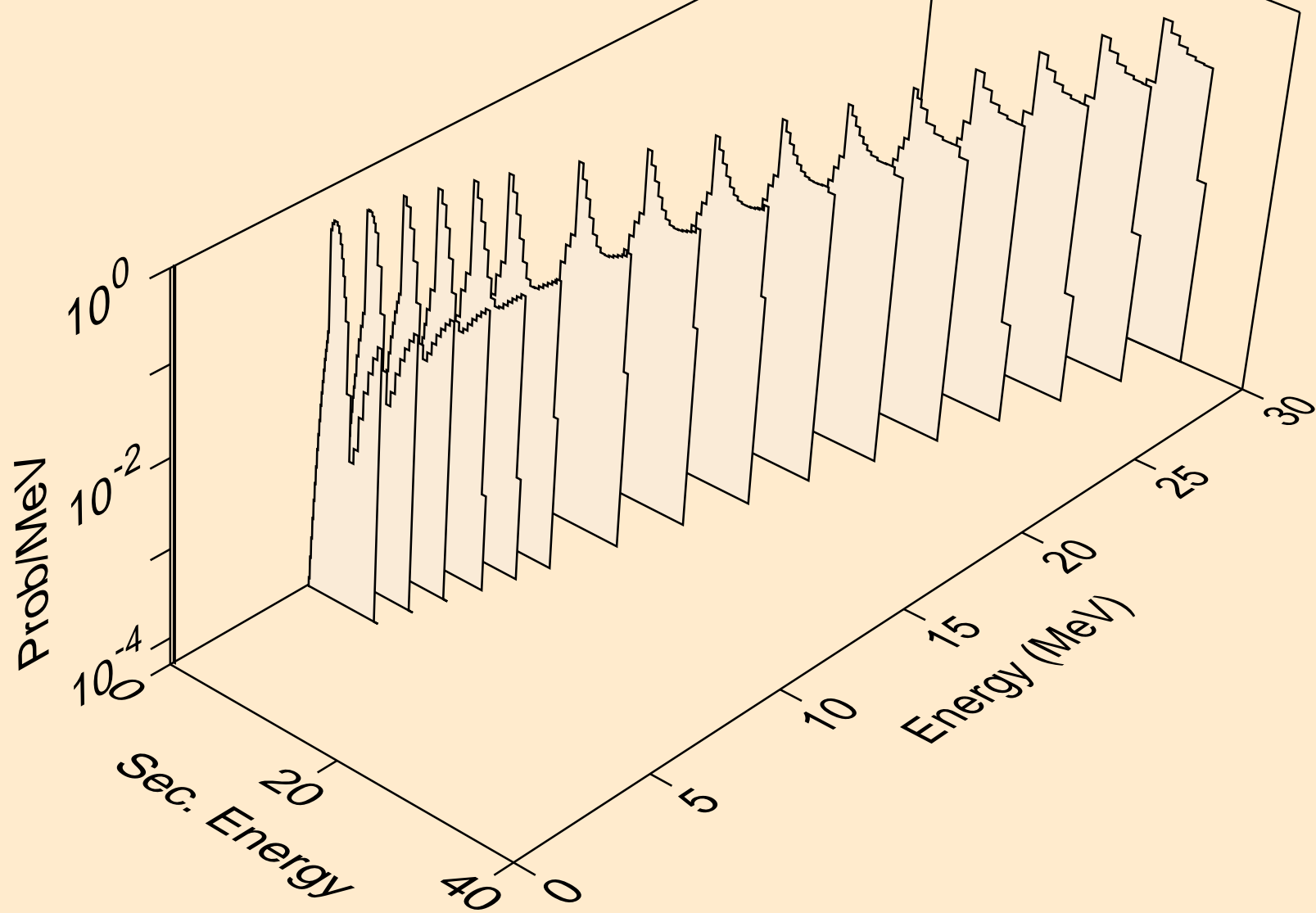
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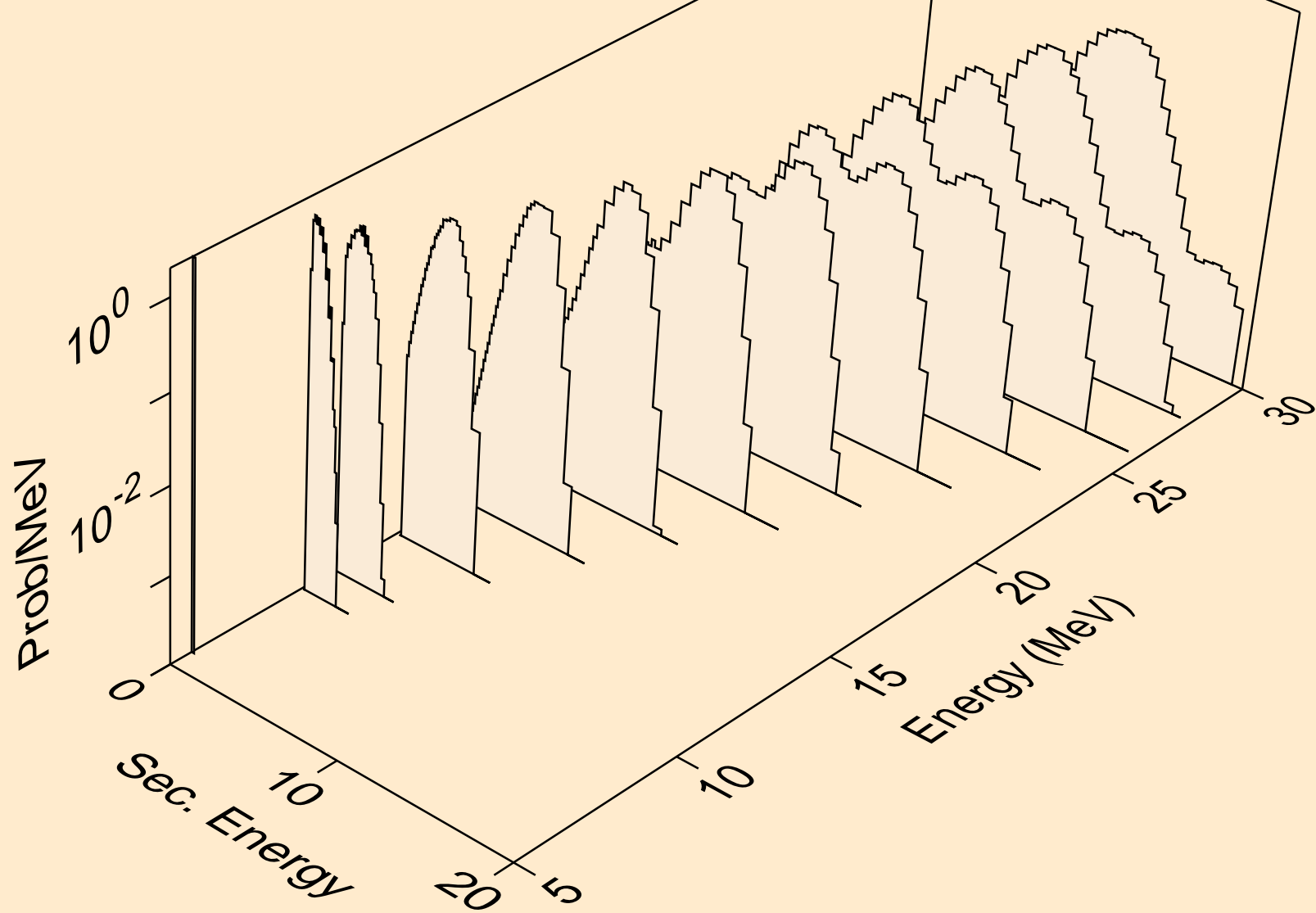
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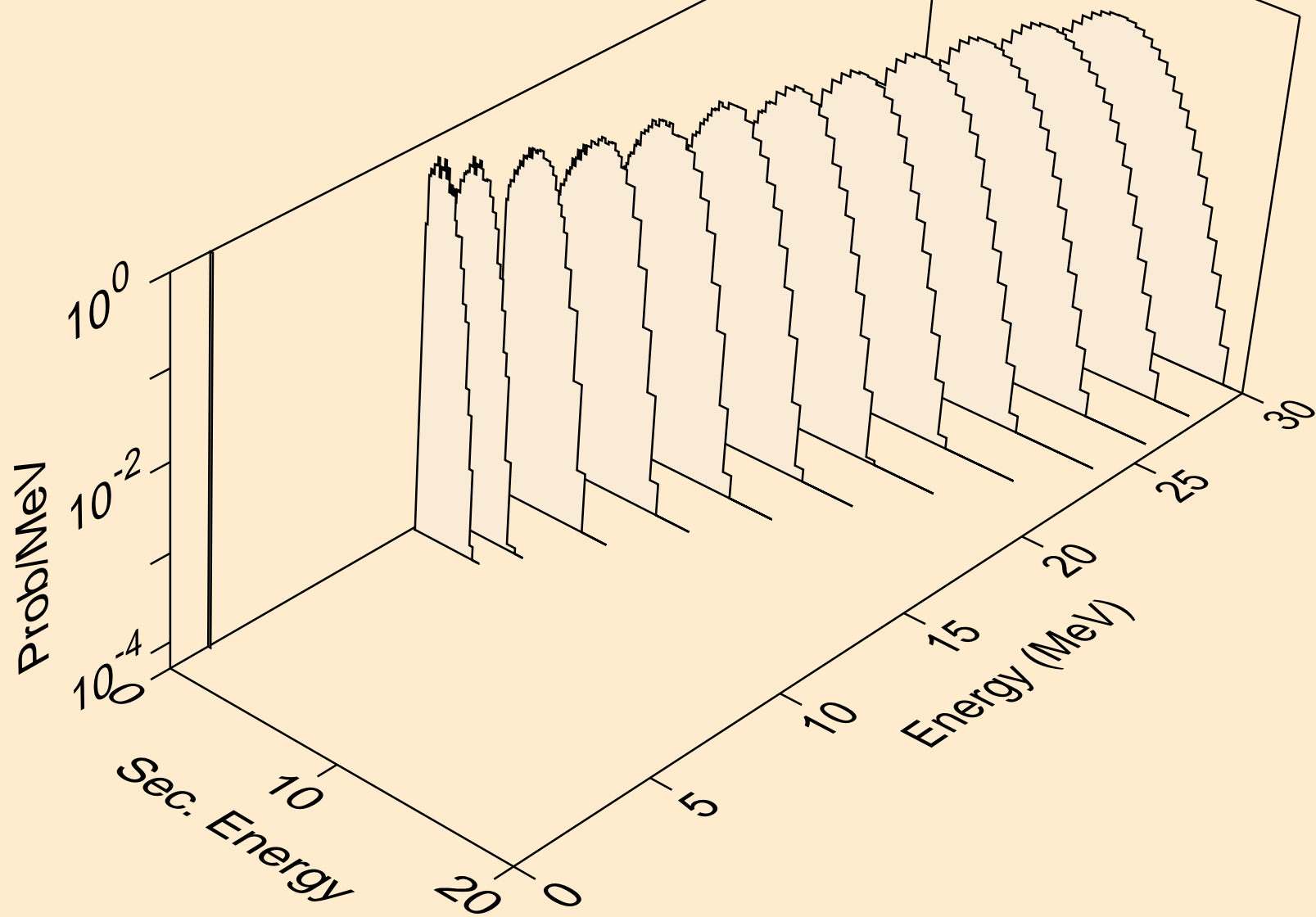
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deuterons from (s,d)



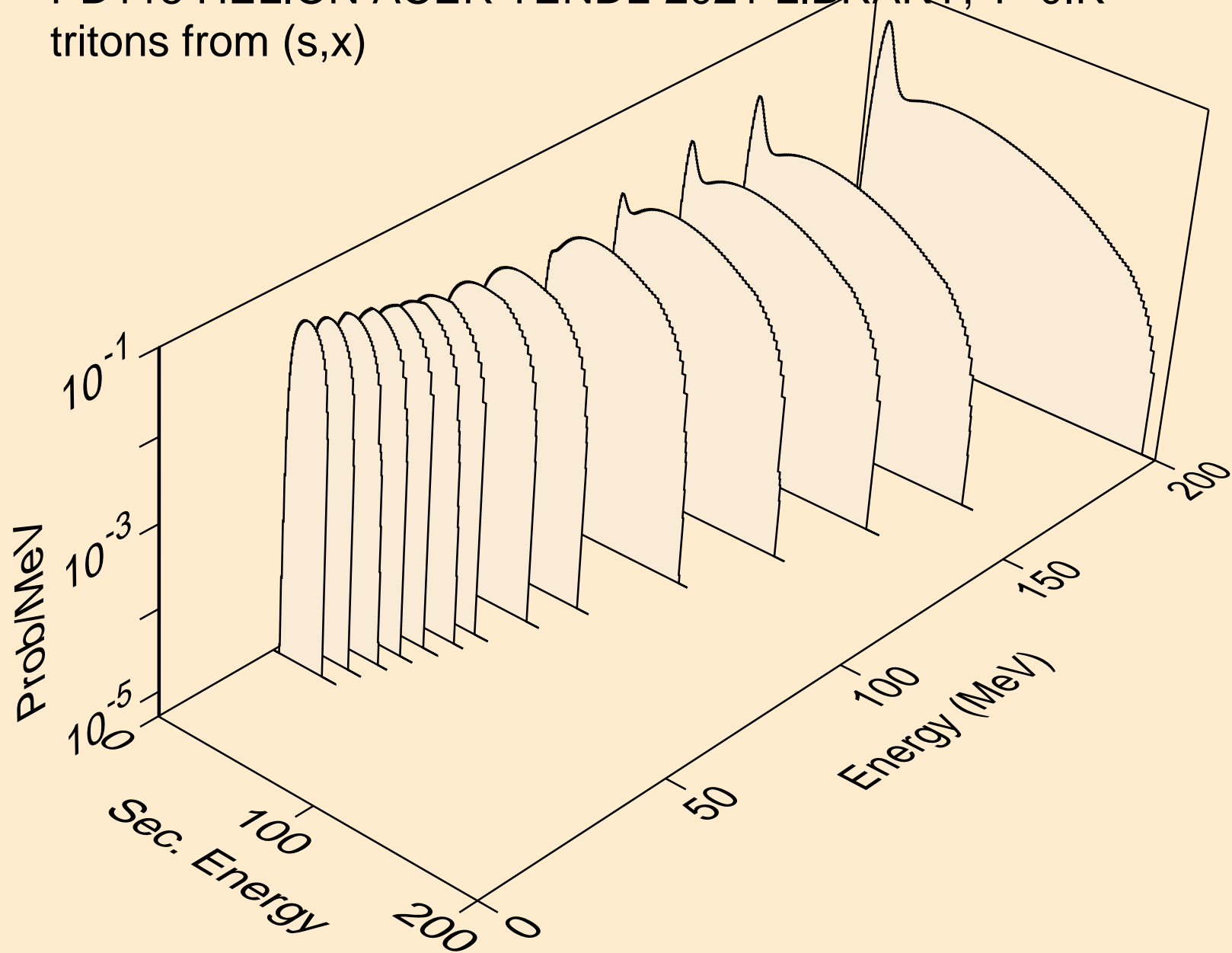
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)

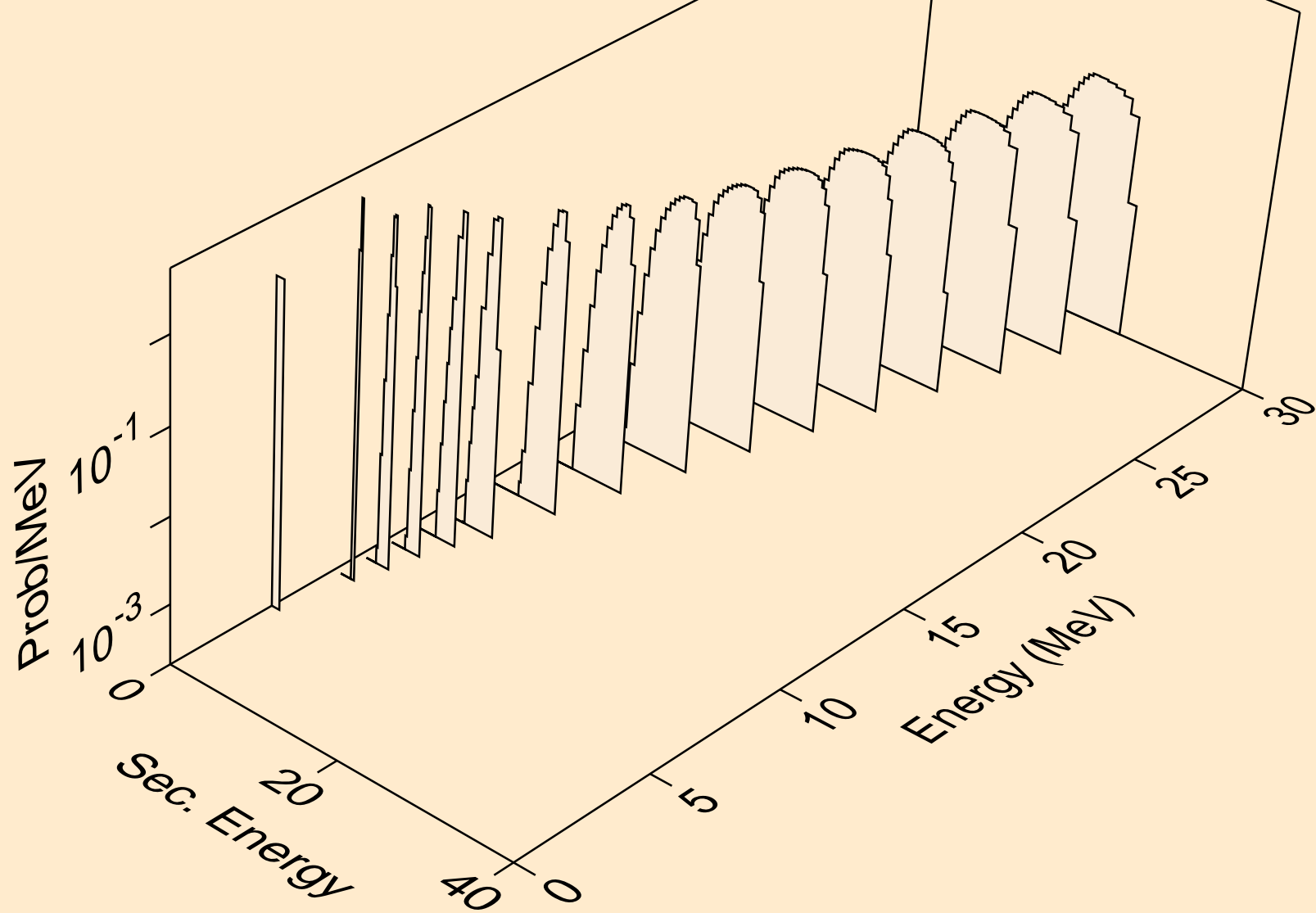


PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)

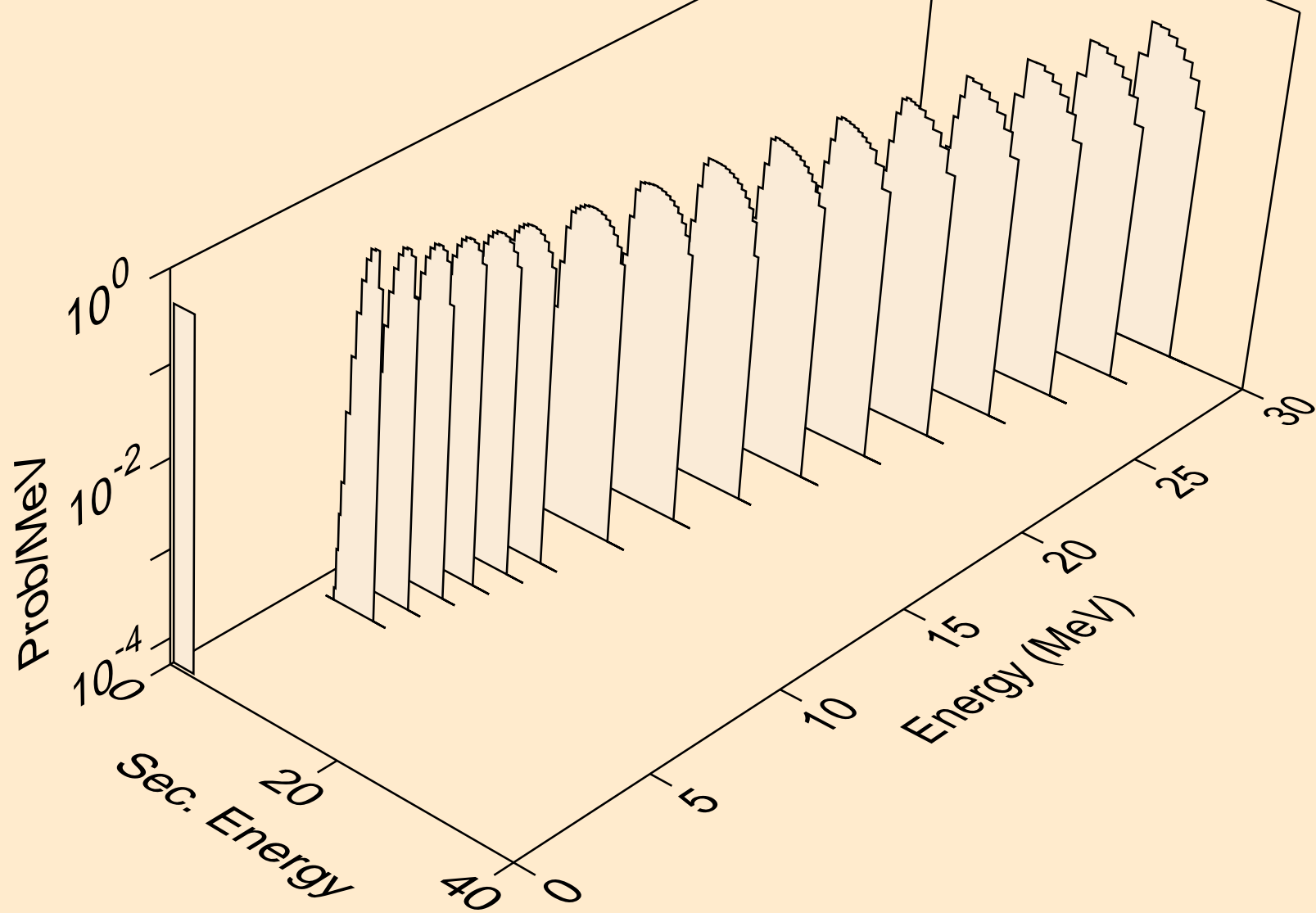




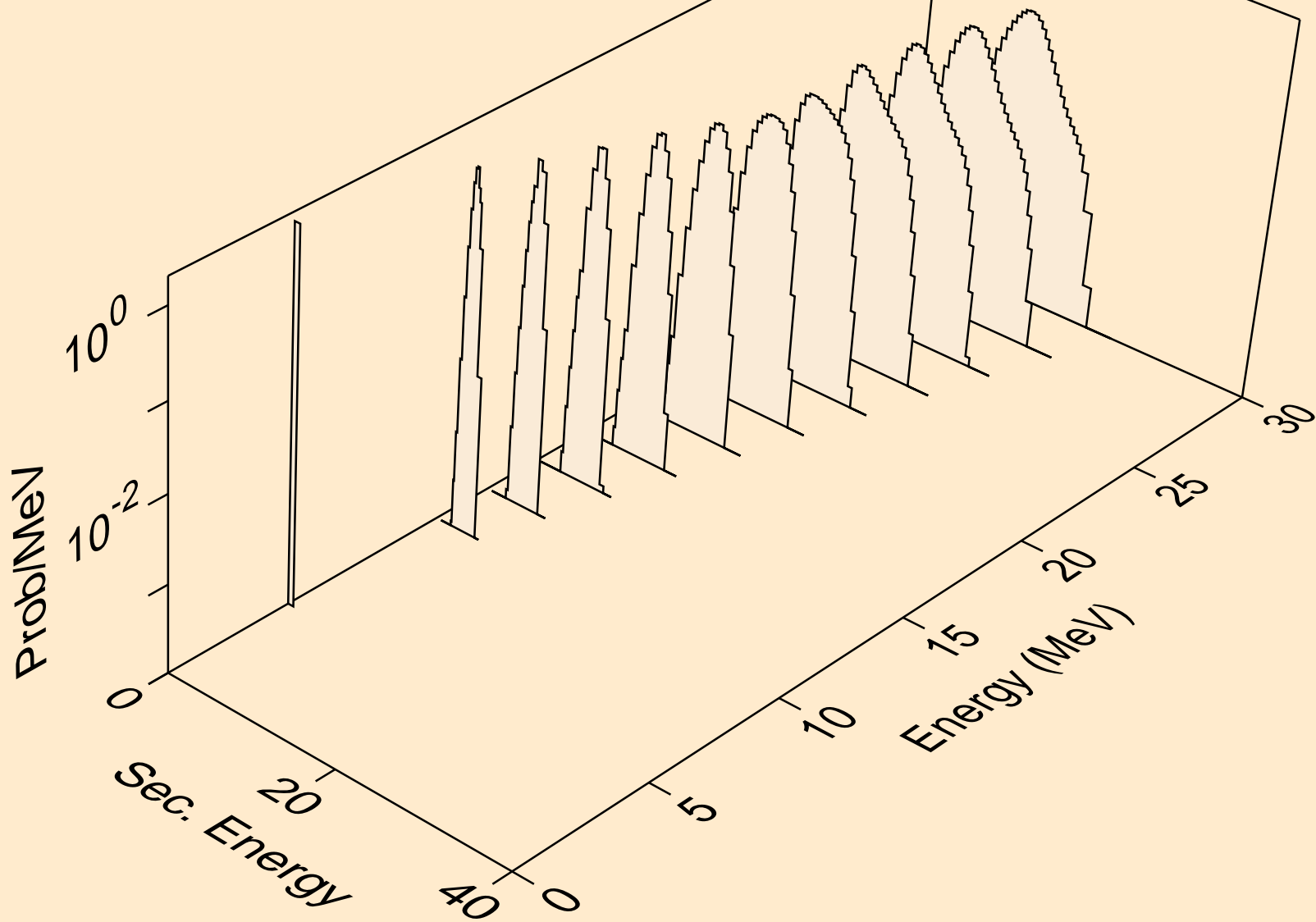
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



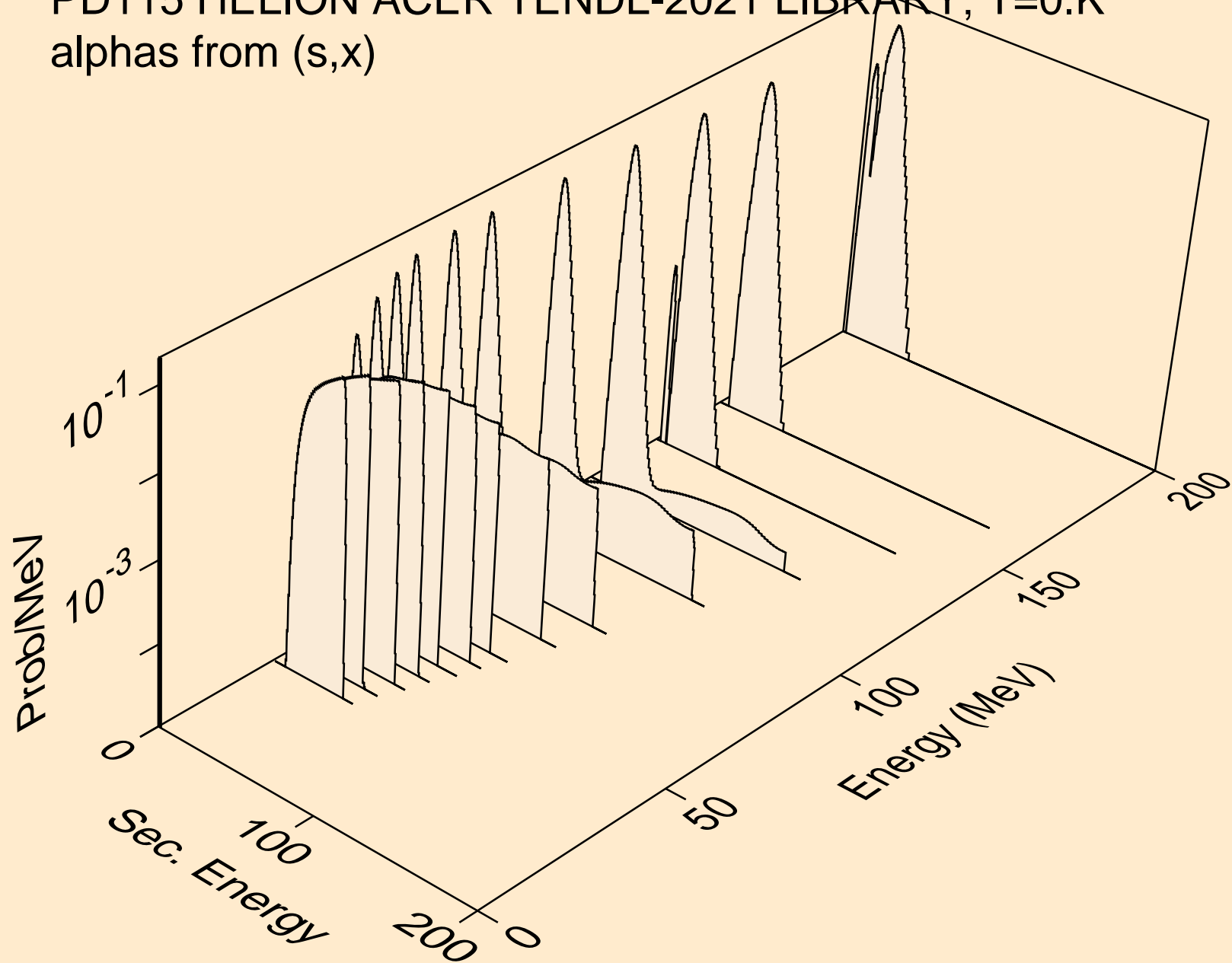
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tritons from (s,t)



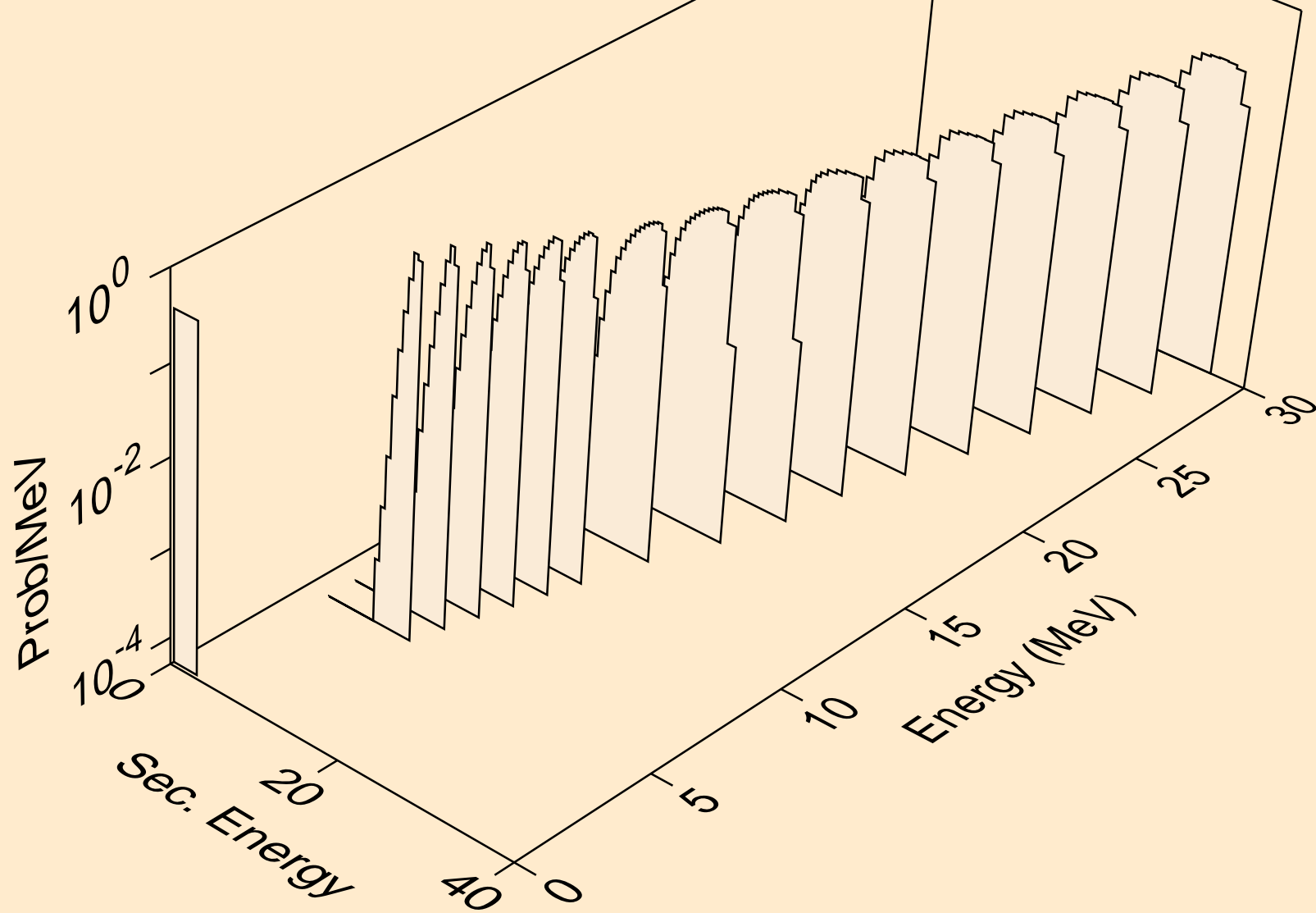
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tritons from (s,pt)



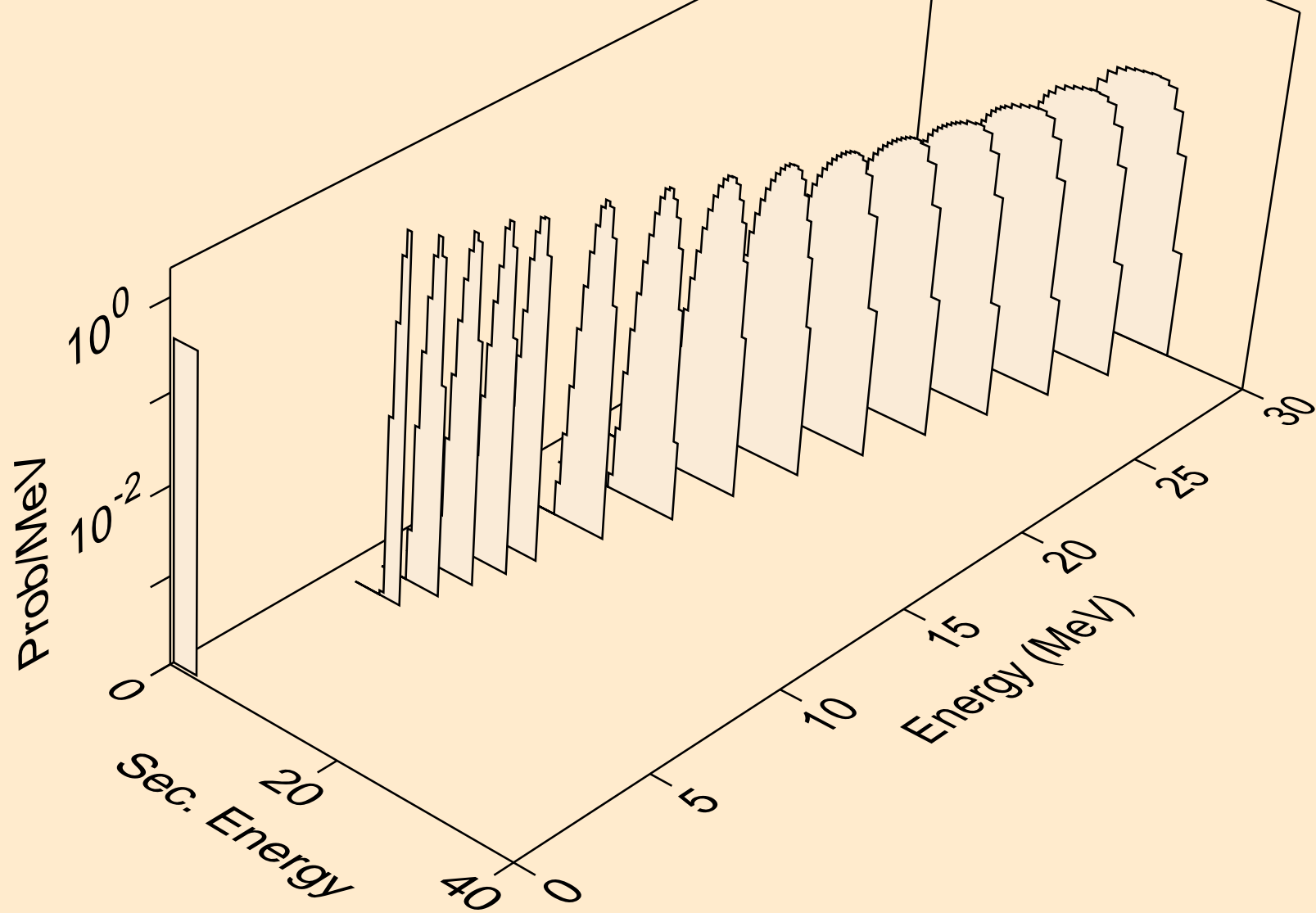
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



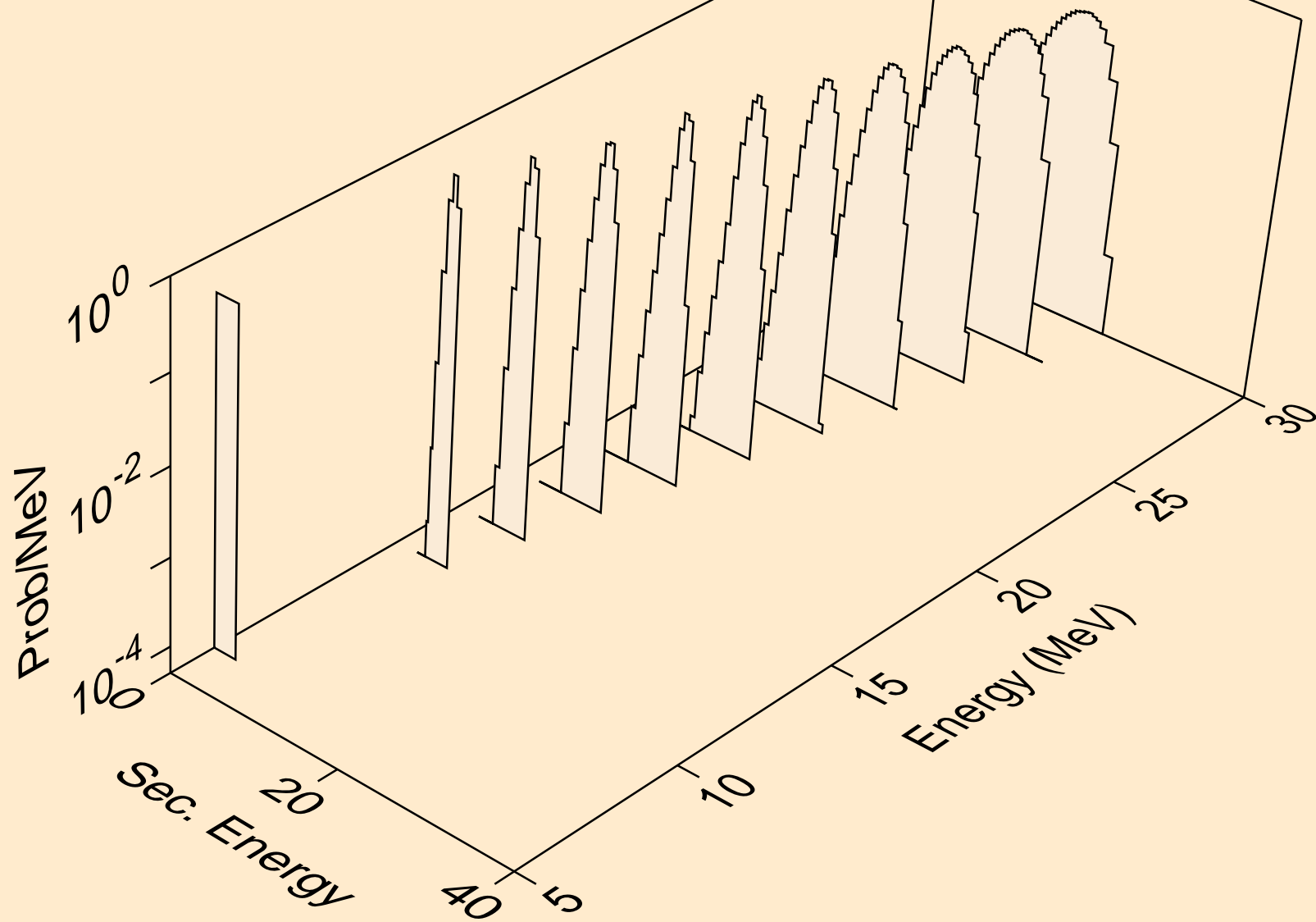
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



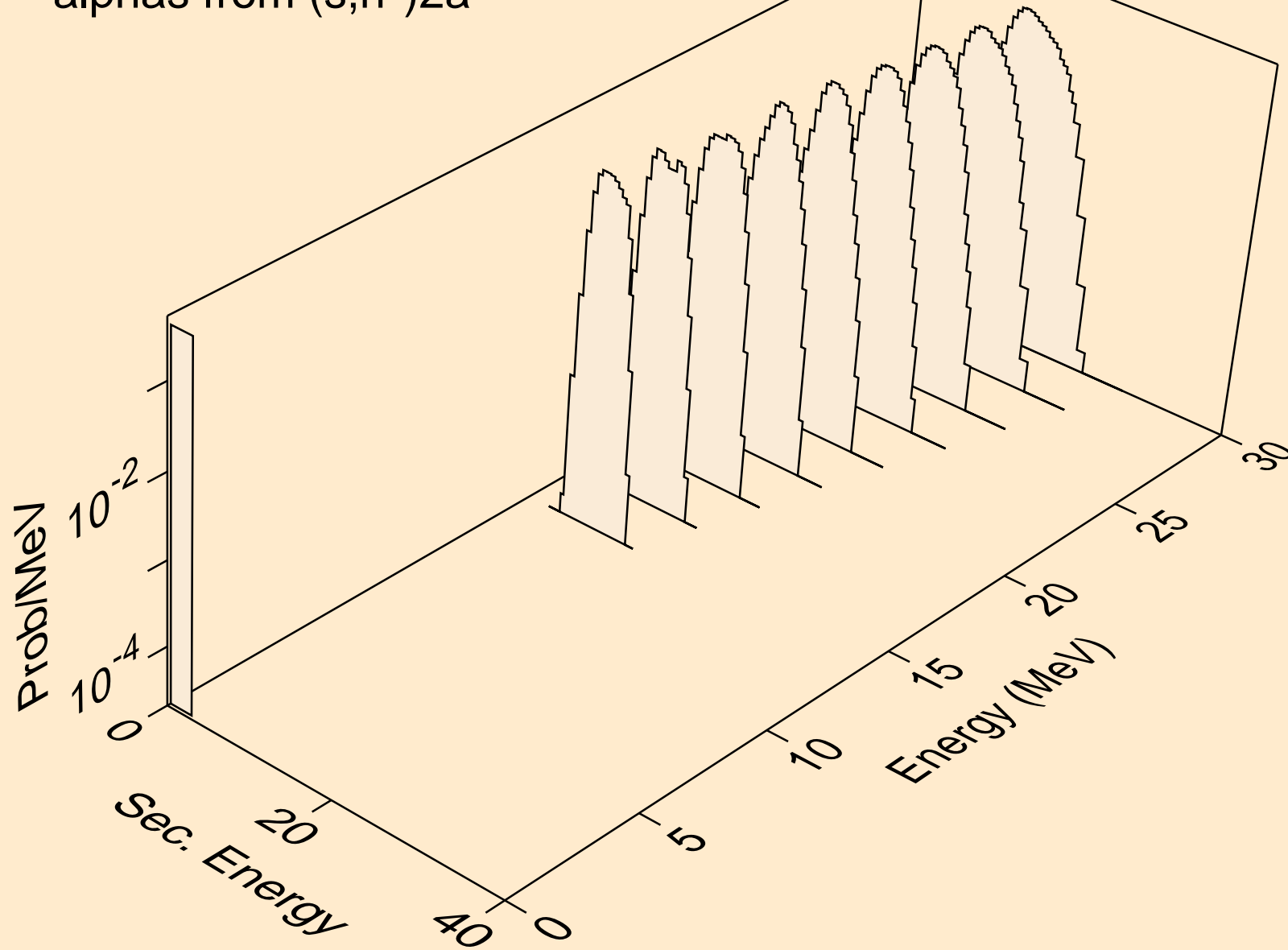
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a

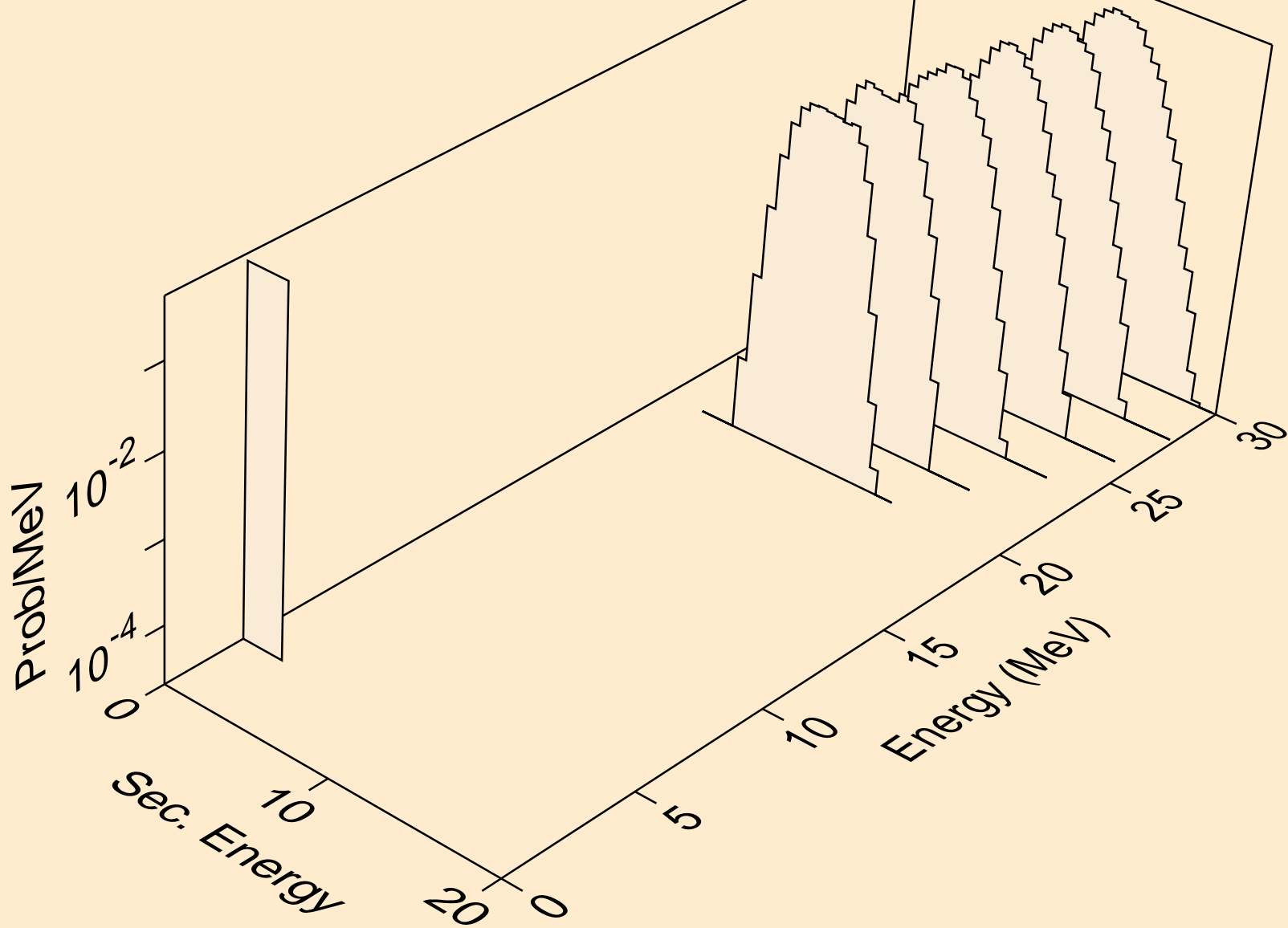


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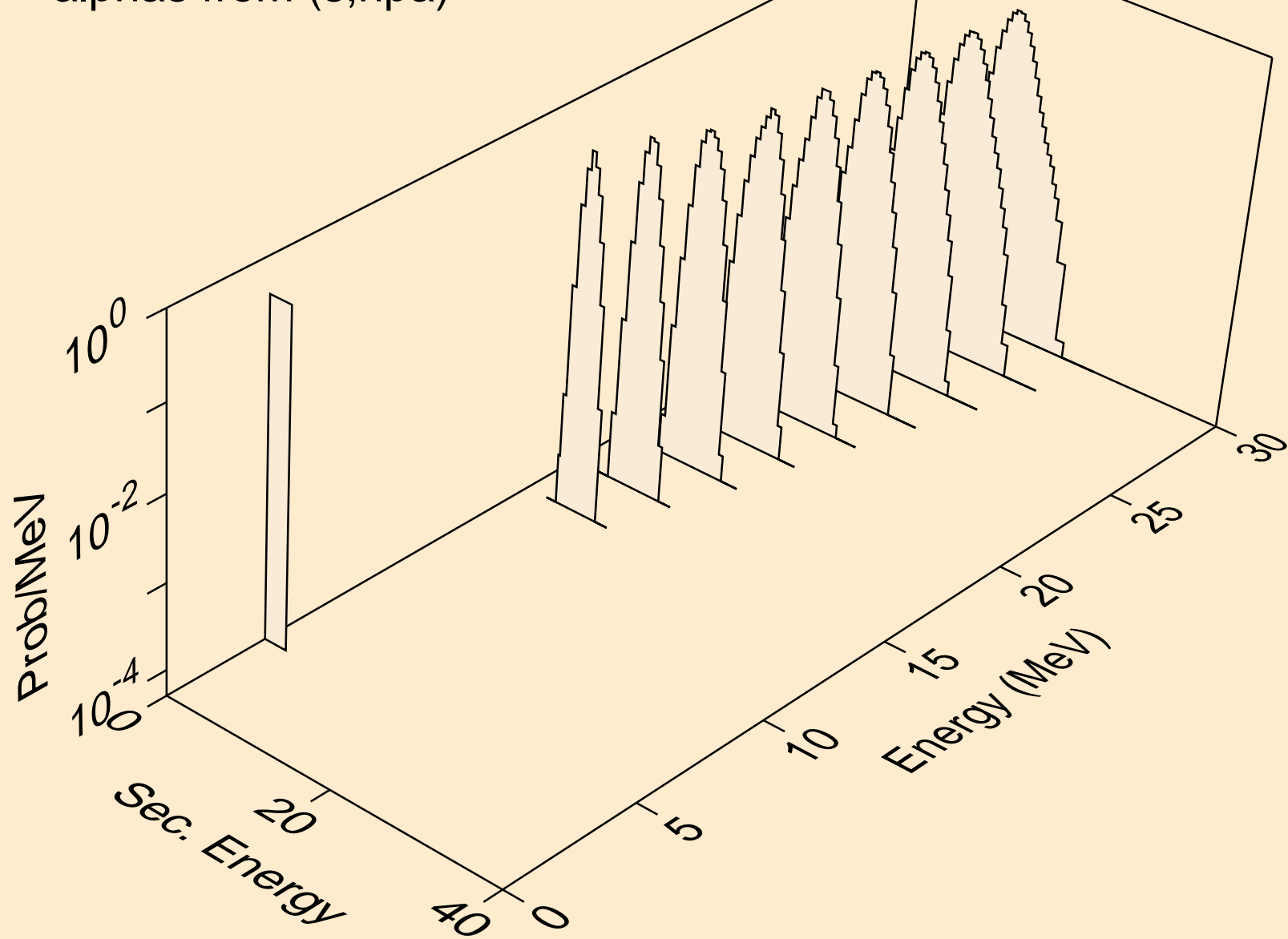




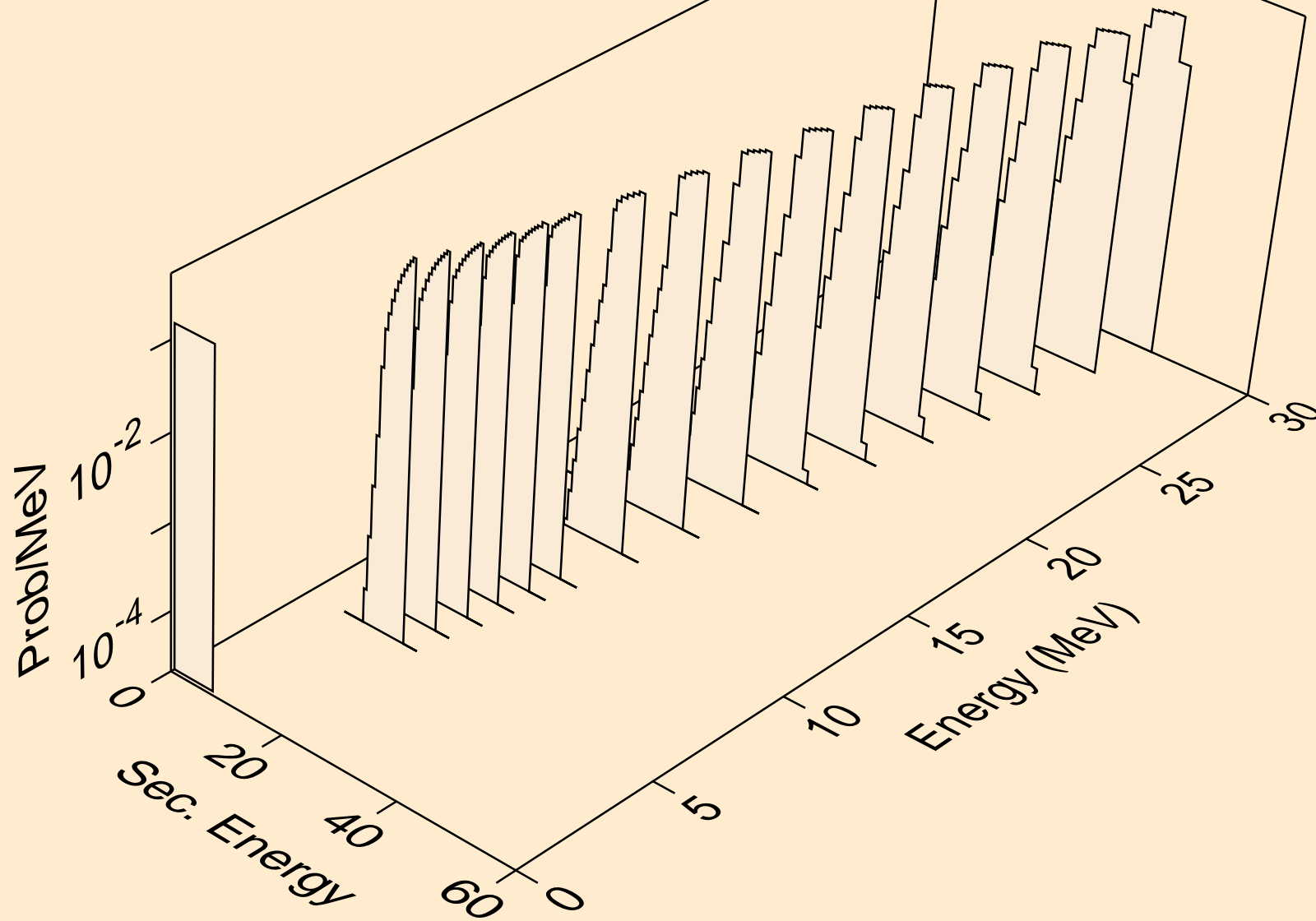
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alphas from (s,2n)2a



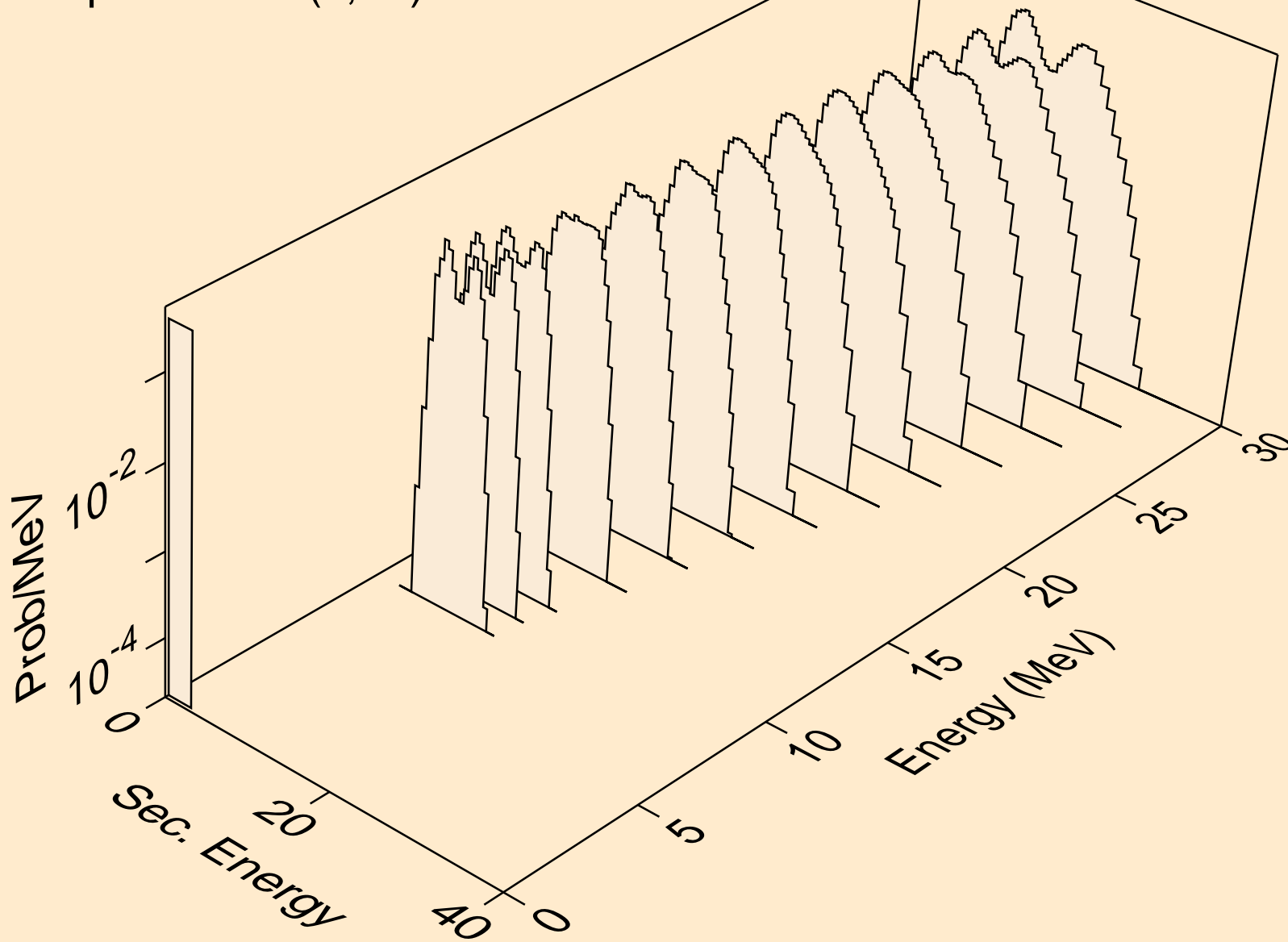
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alphas from (s,npa)



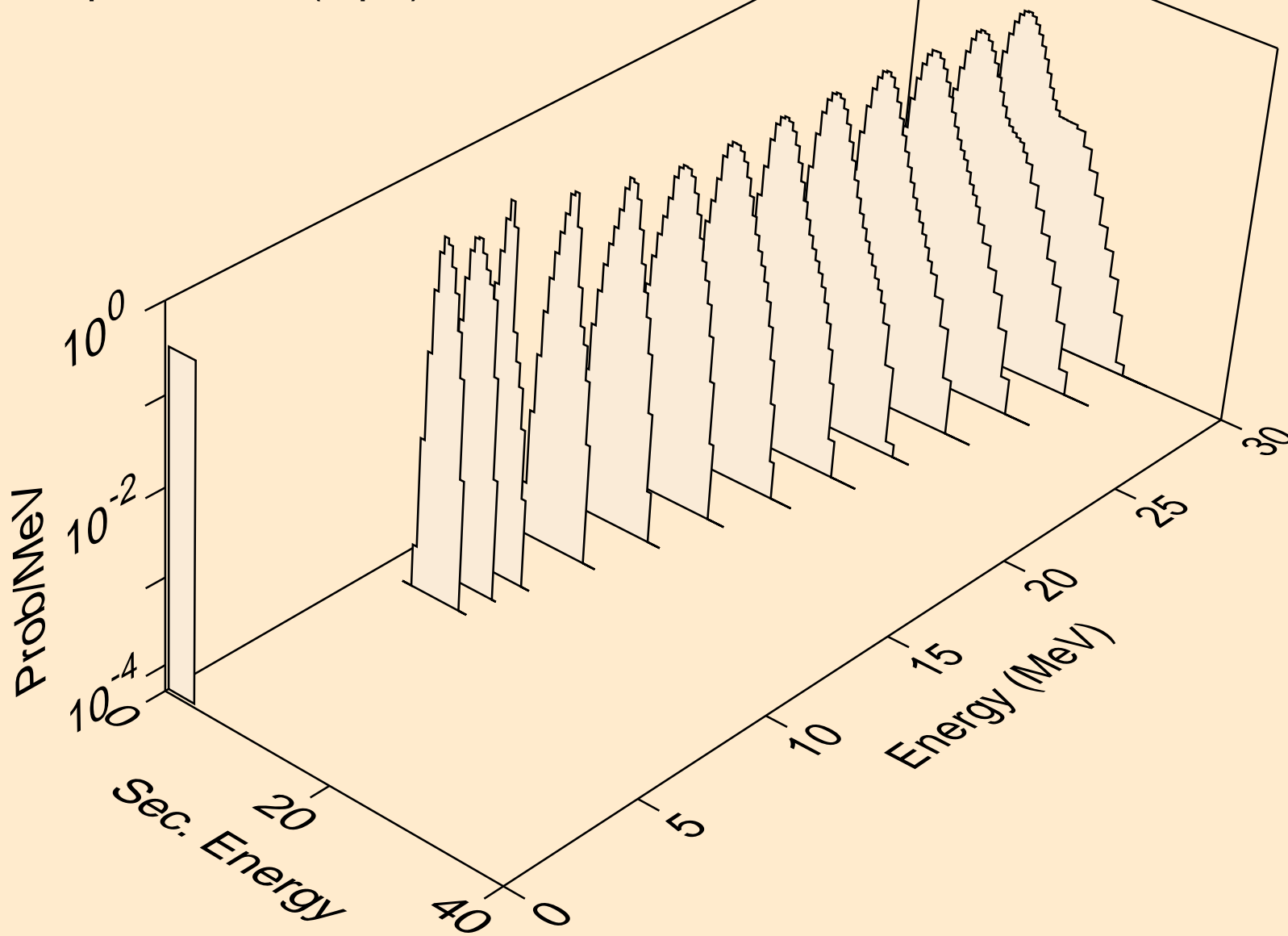
PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



PD115 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

