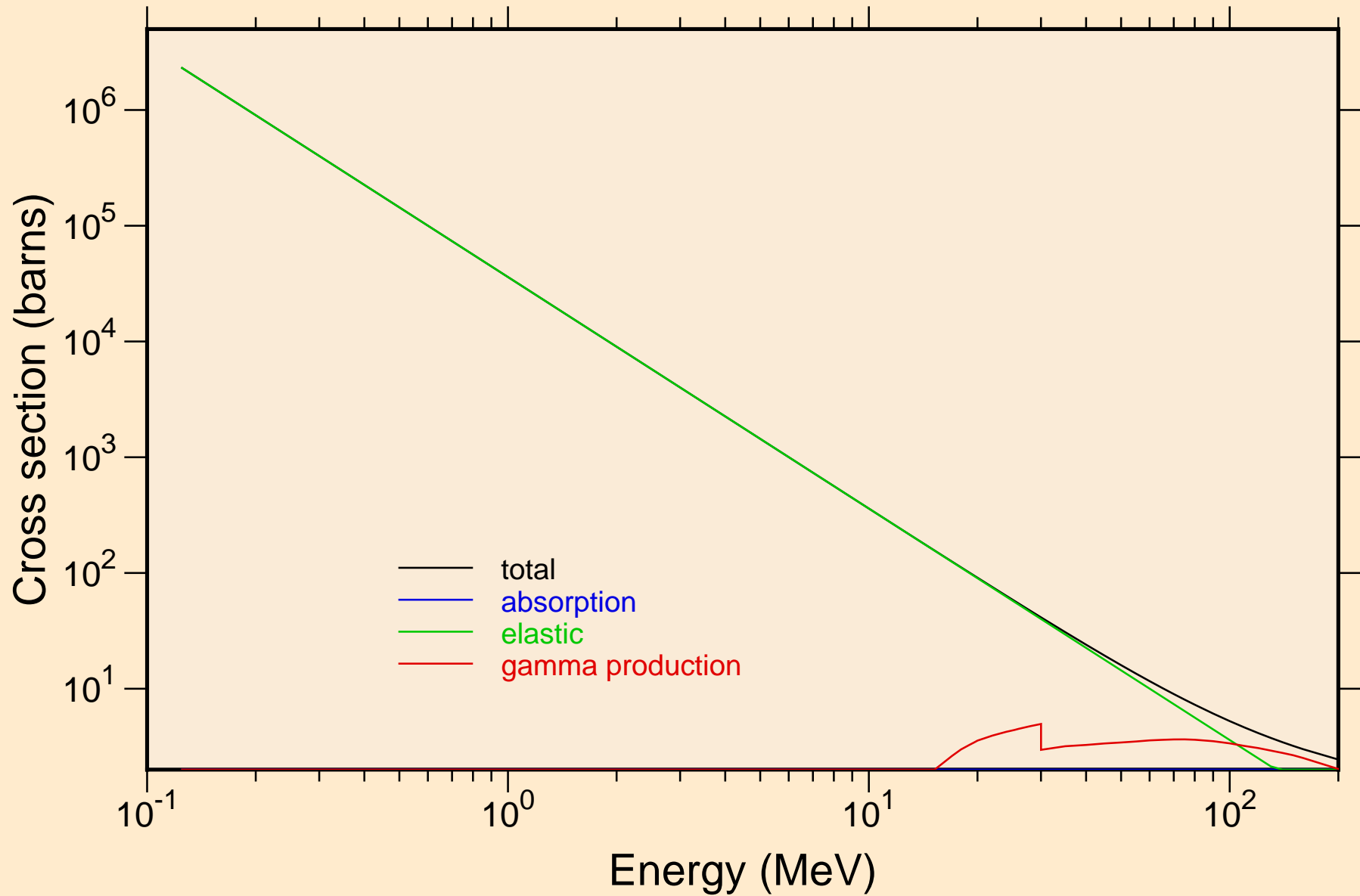
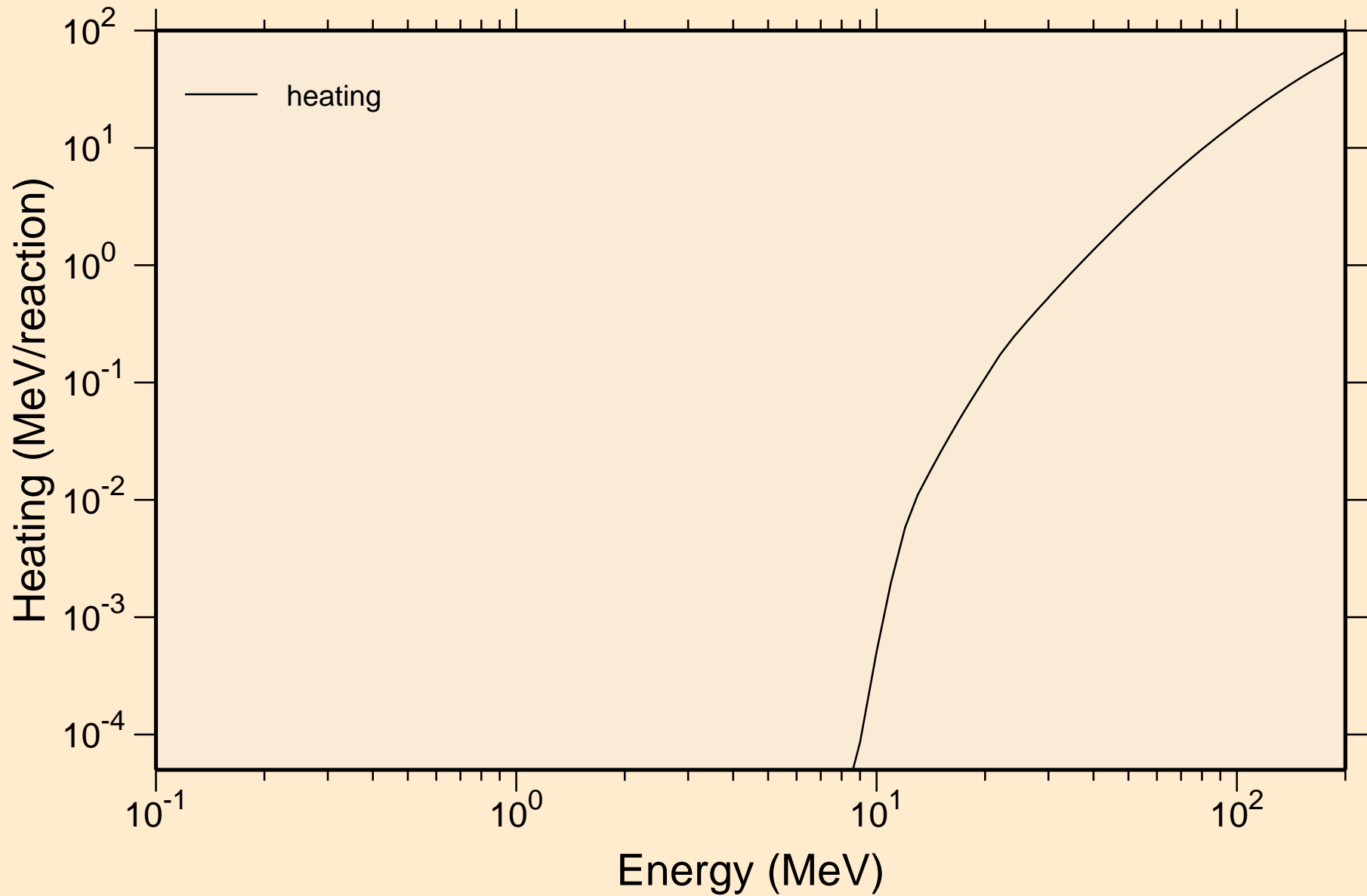


RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



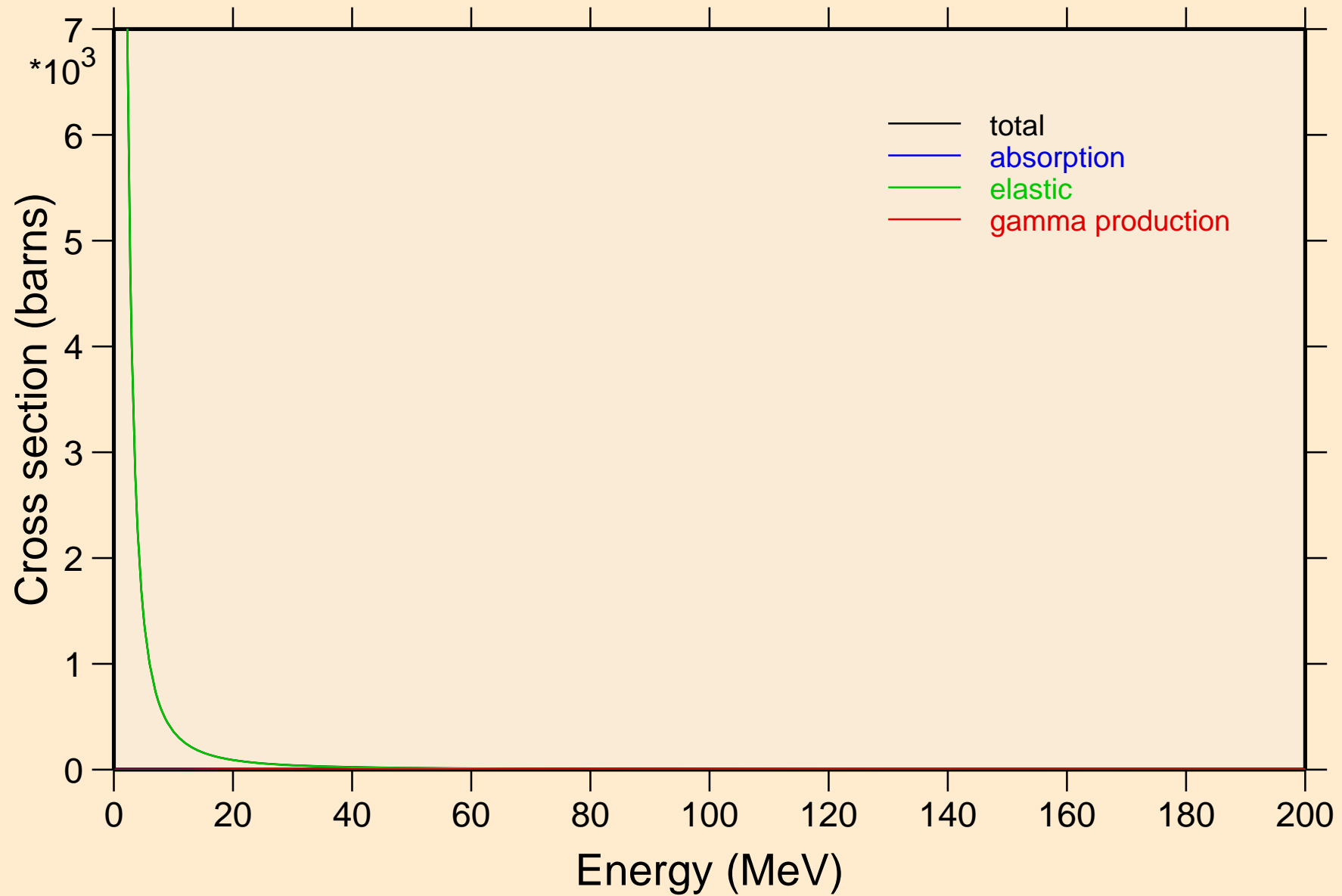
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Heating



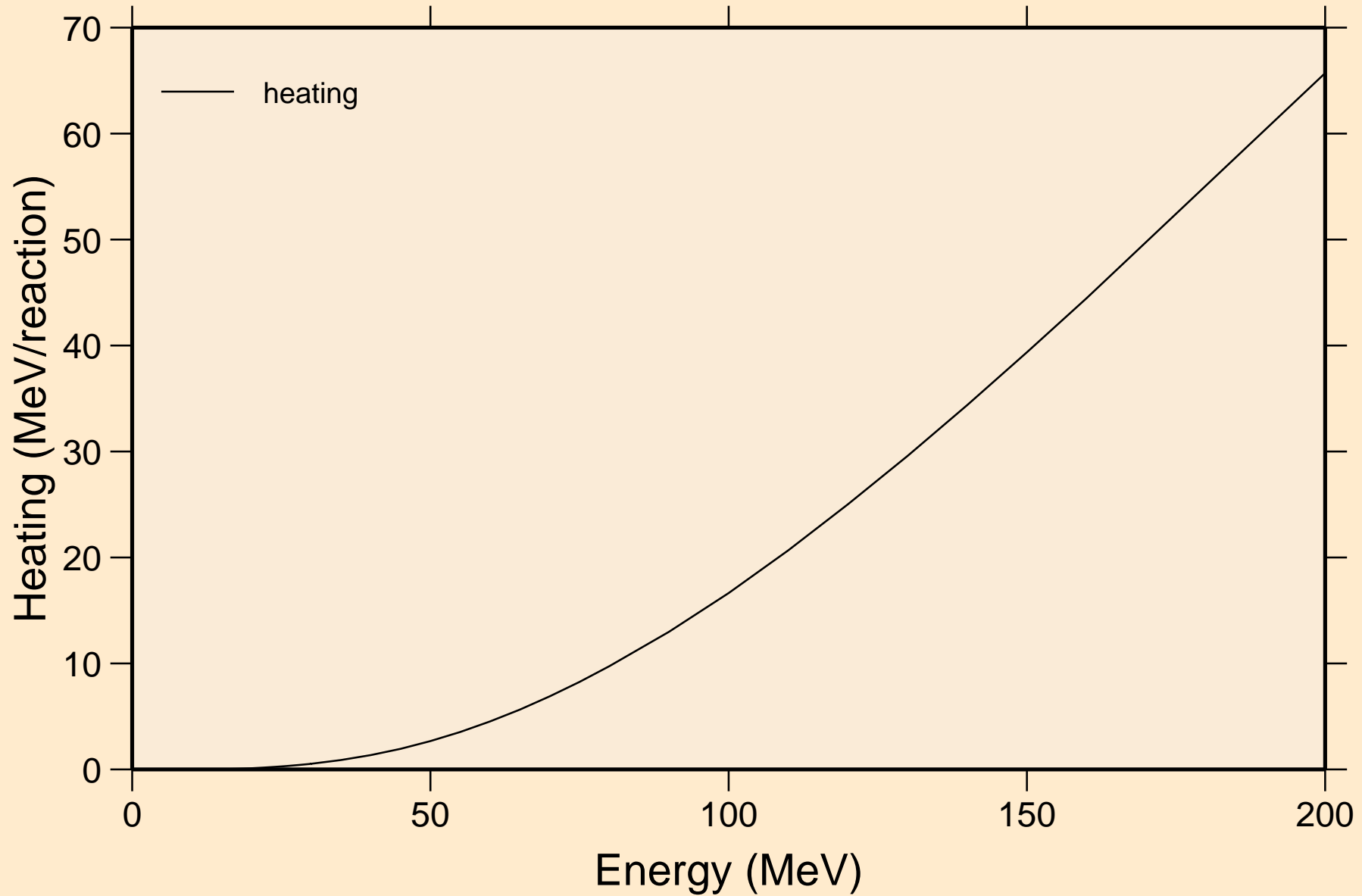
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## Principal cross sections

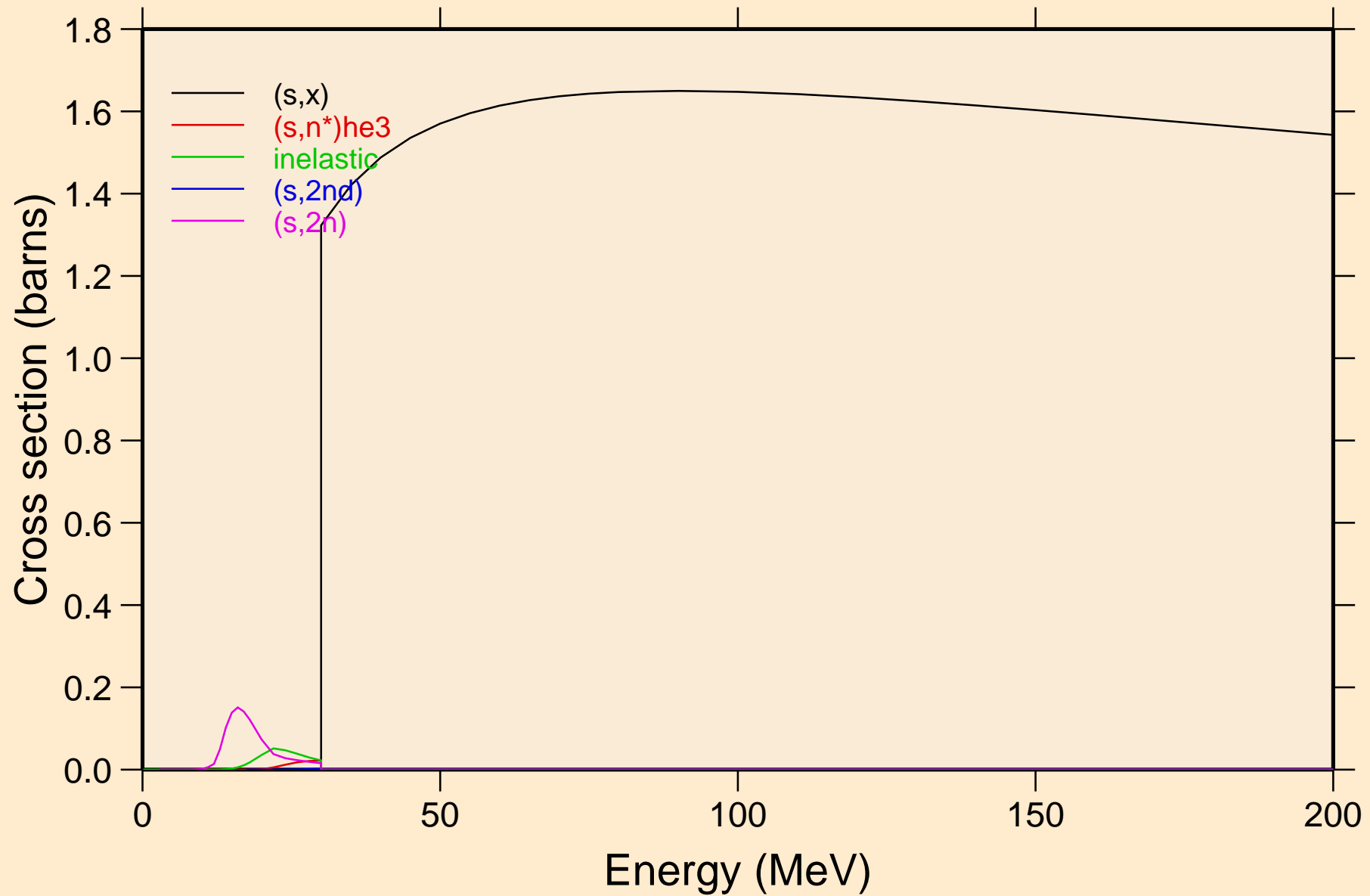


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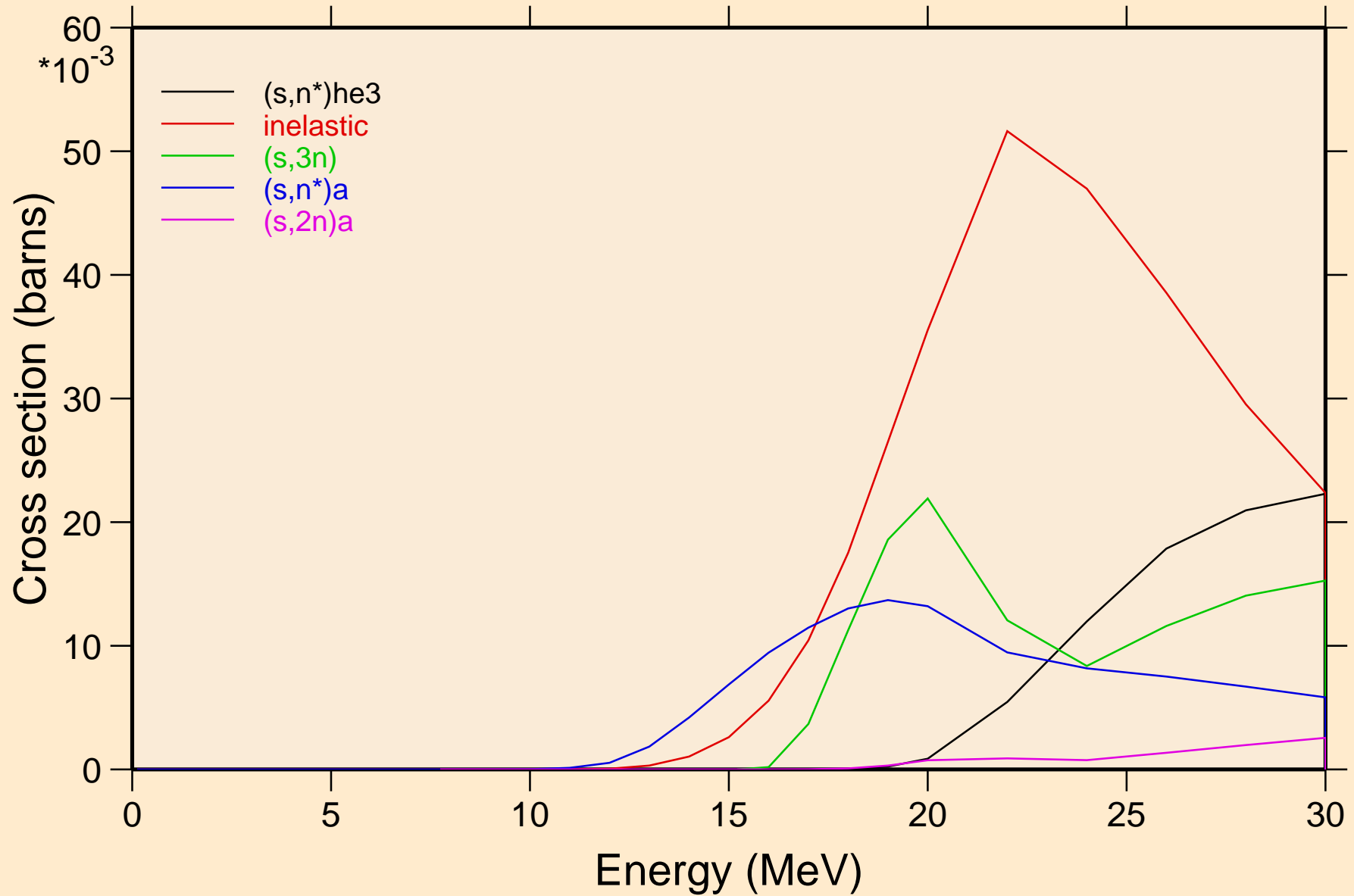
## Heating



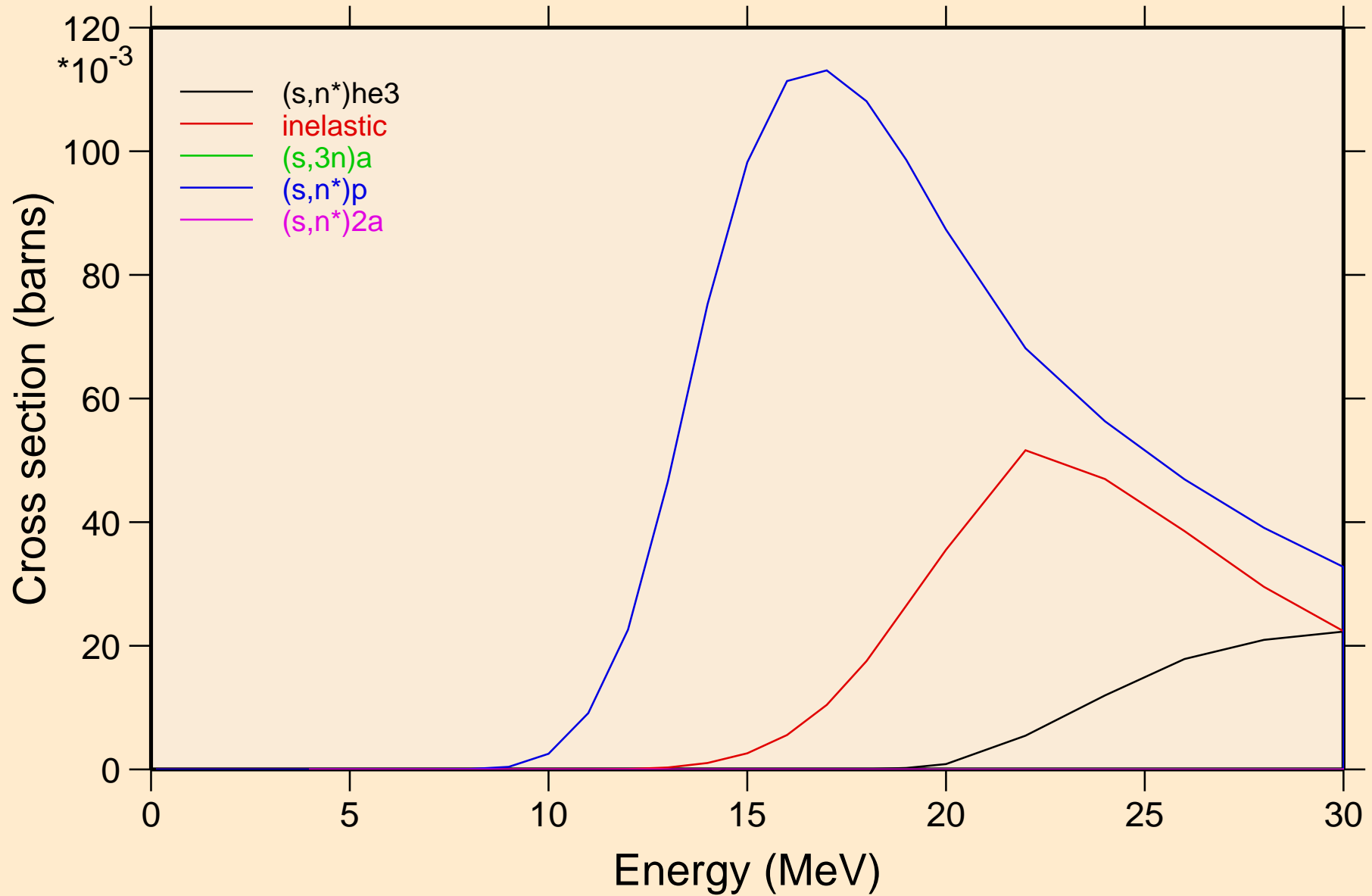
RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



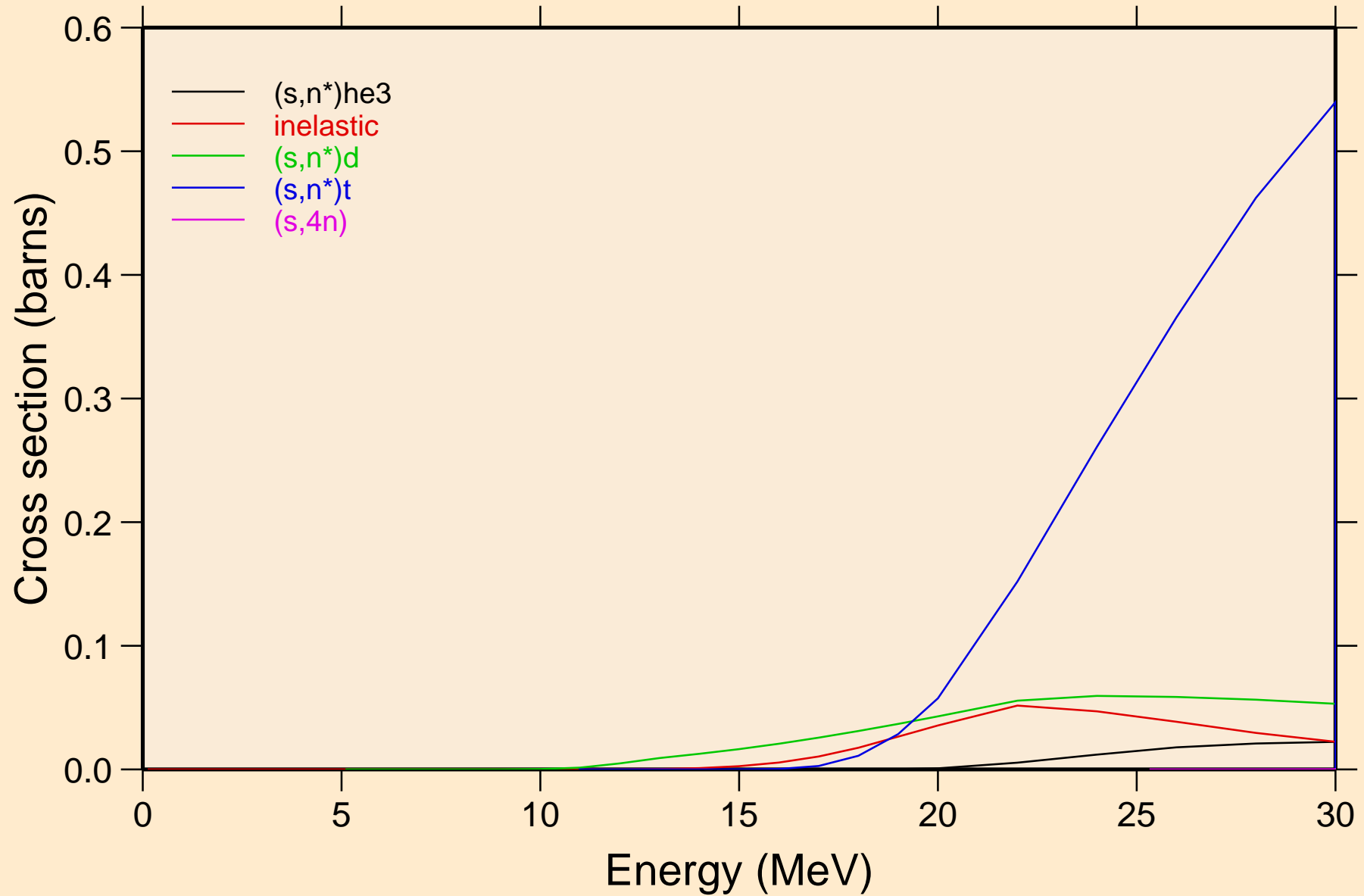
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Threshold reactions



RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

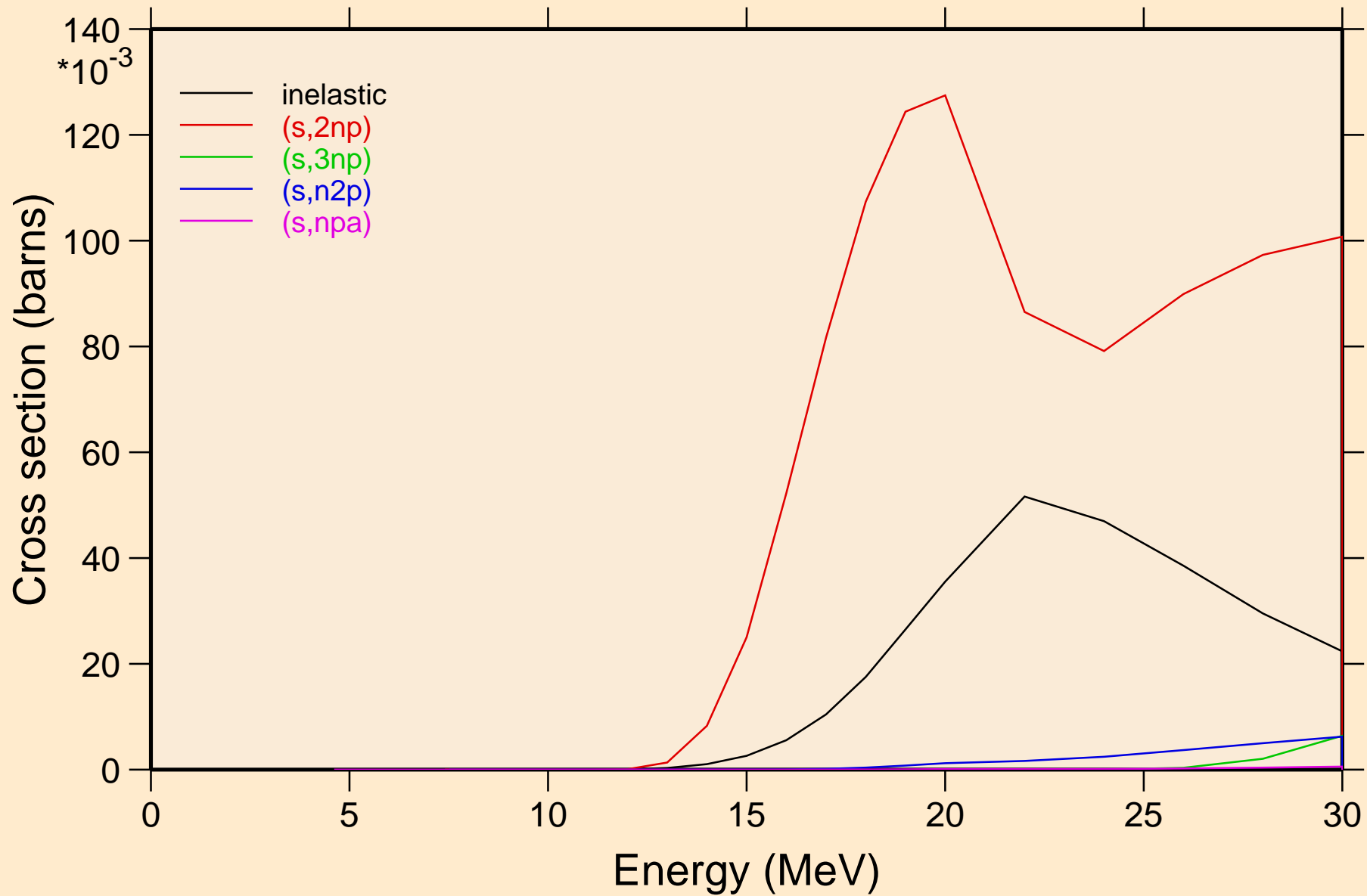


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Threshold reactions

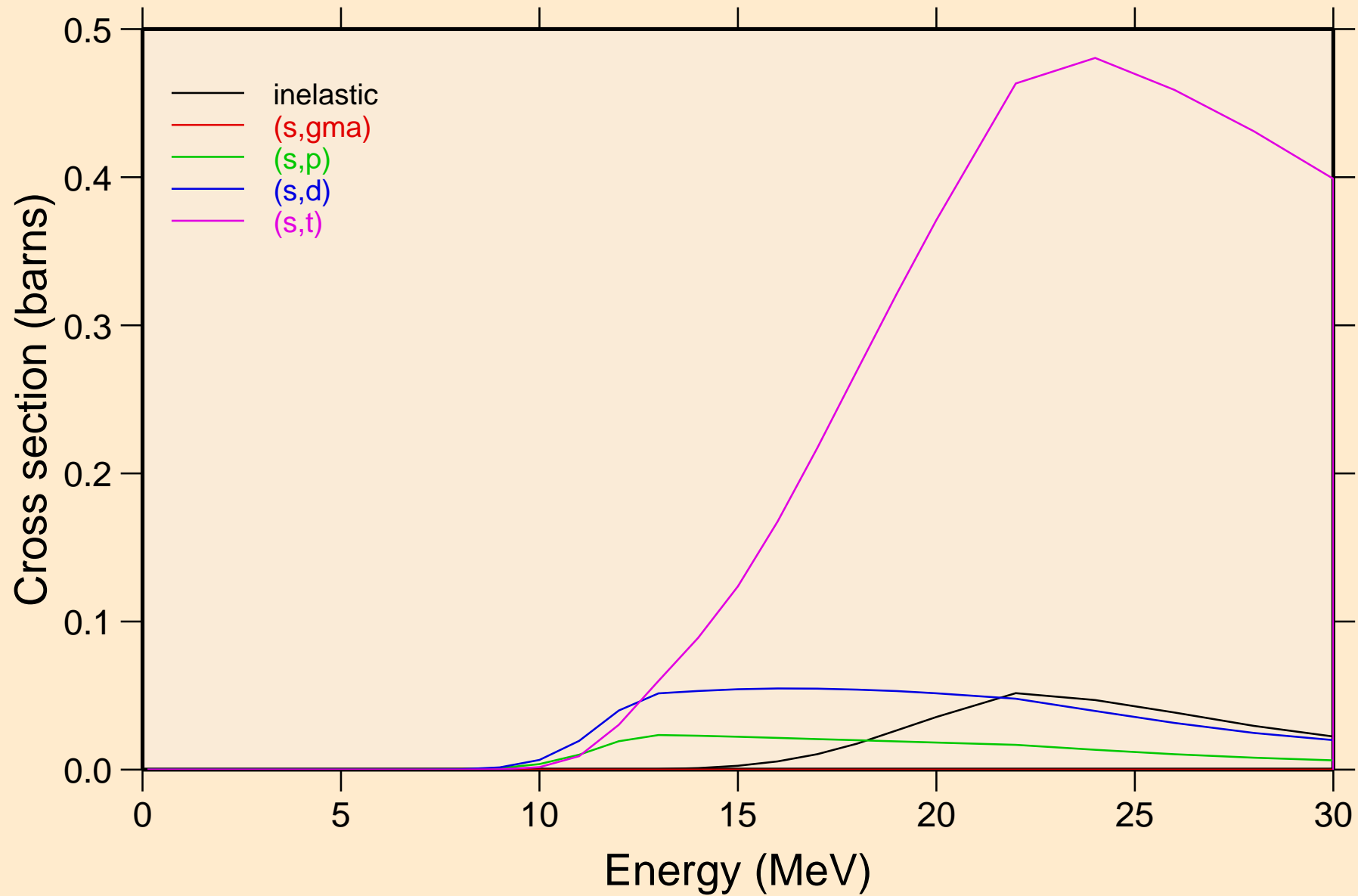




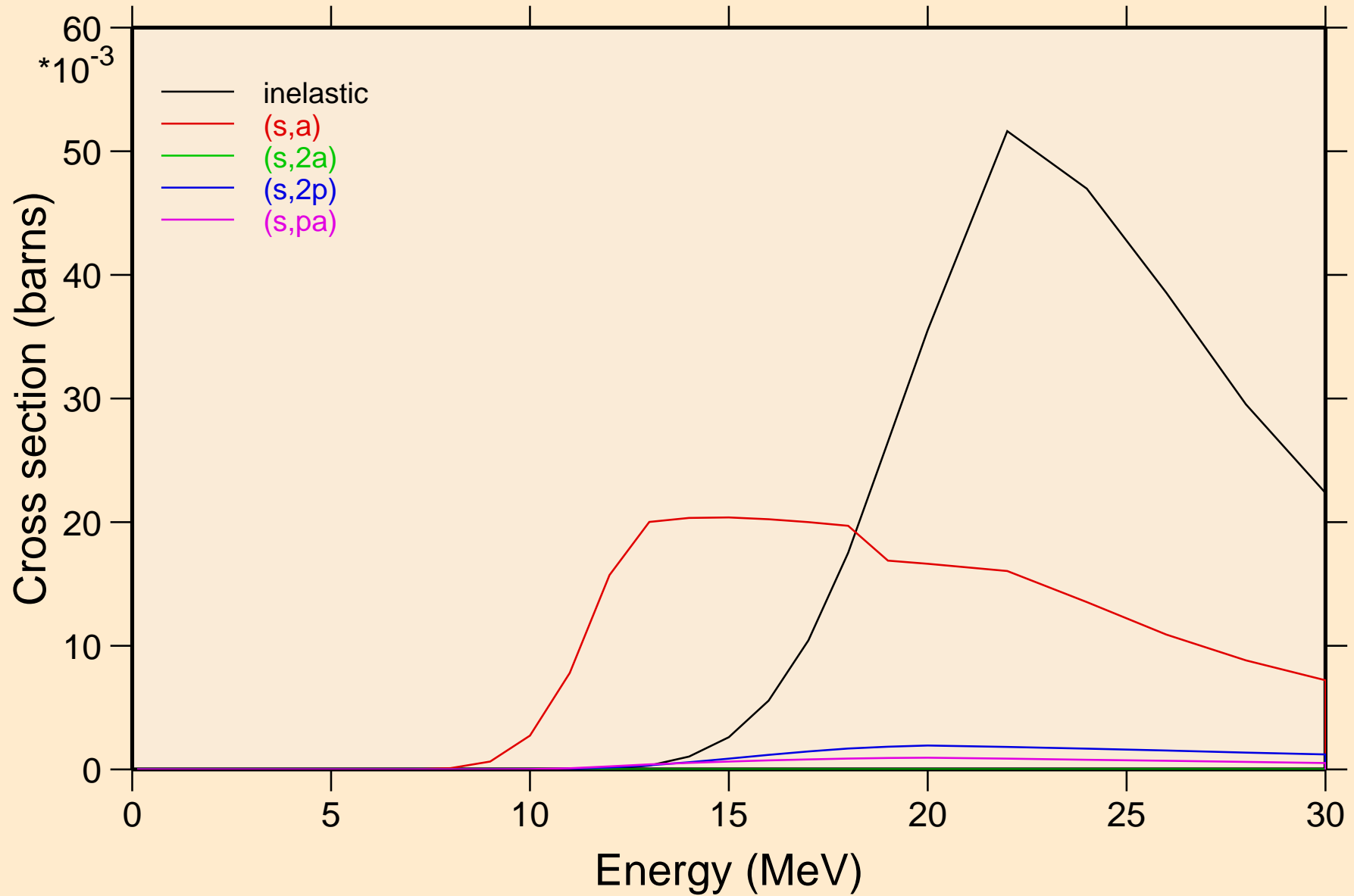
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Threshold reactions



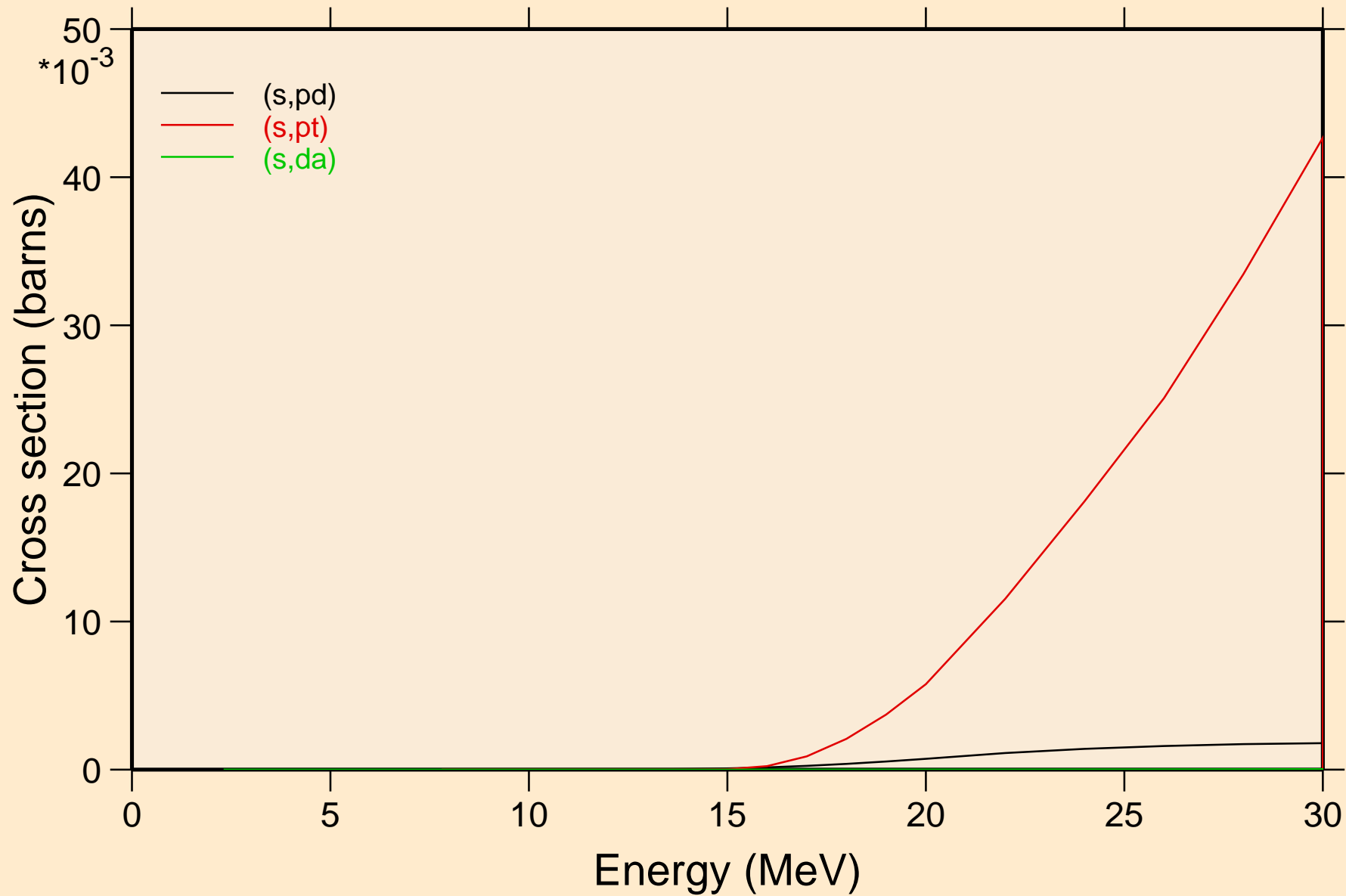
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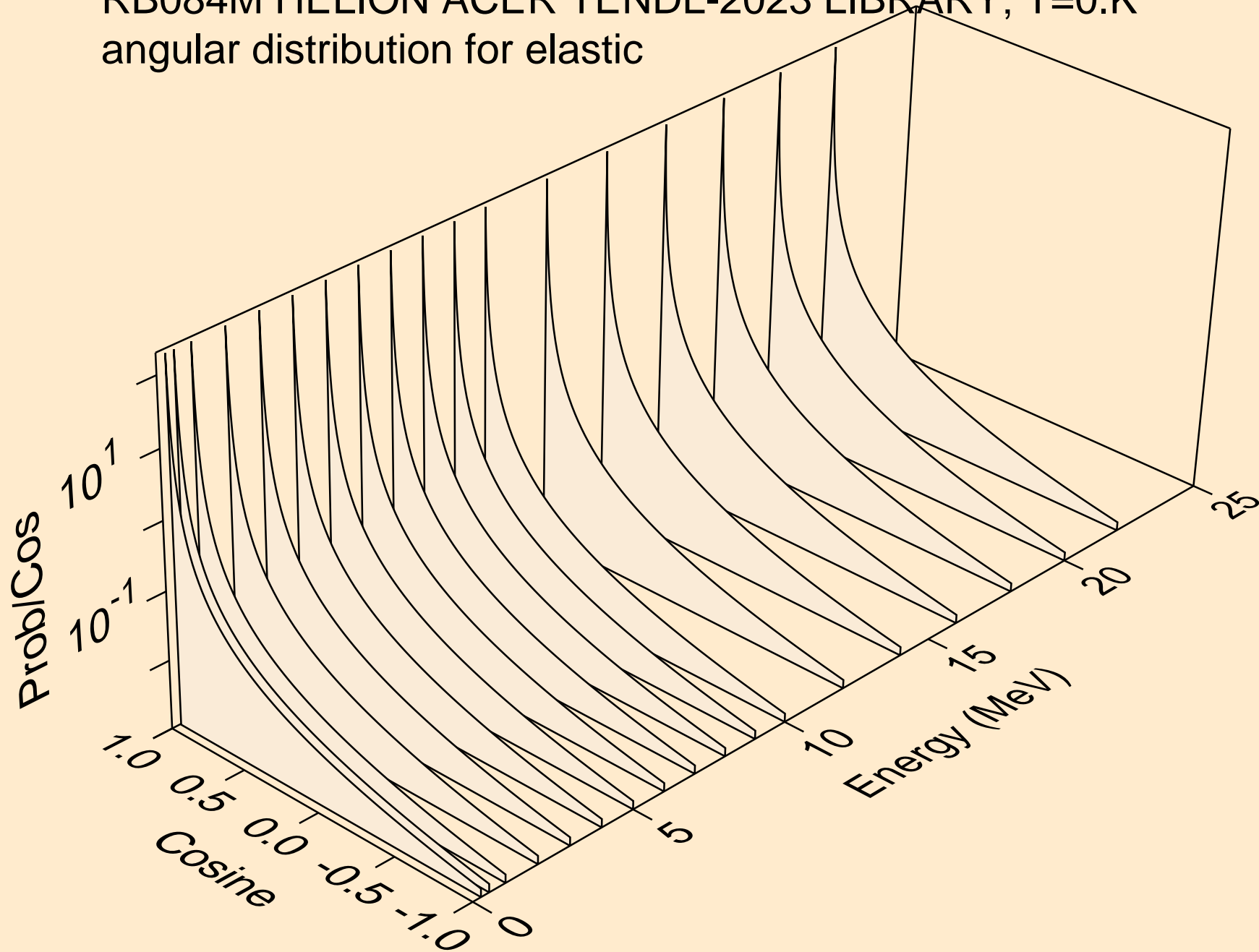
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Threshold reactions



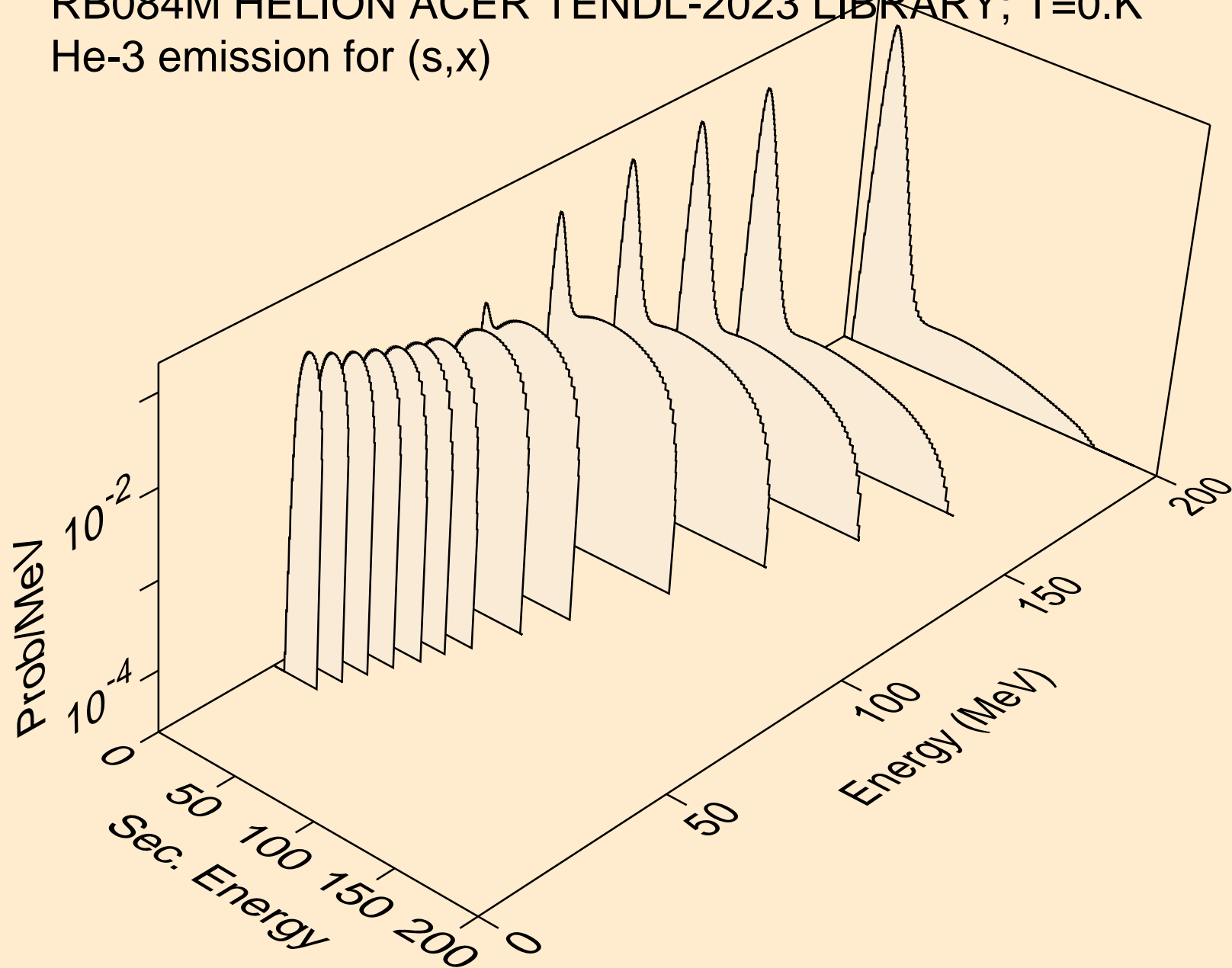
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Threshold reactions



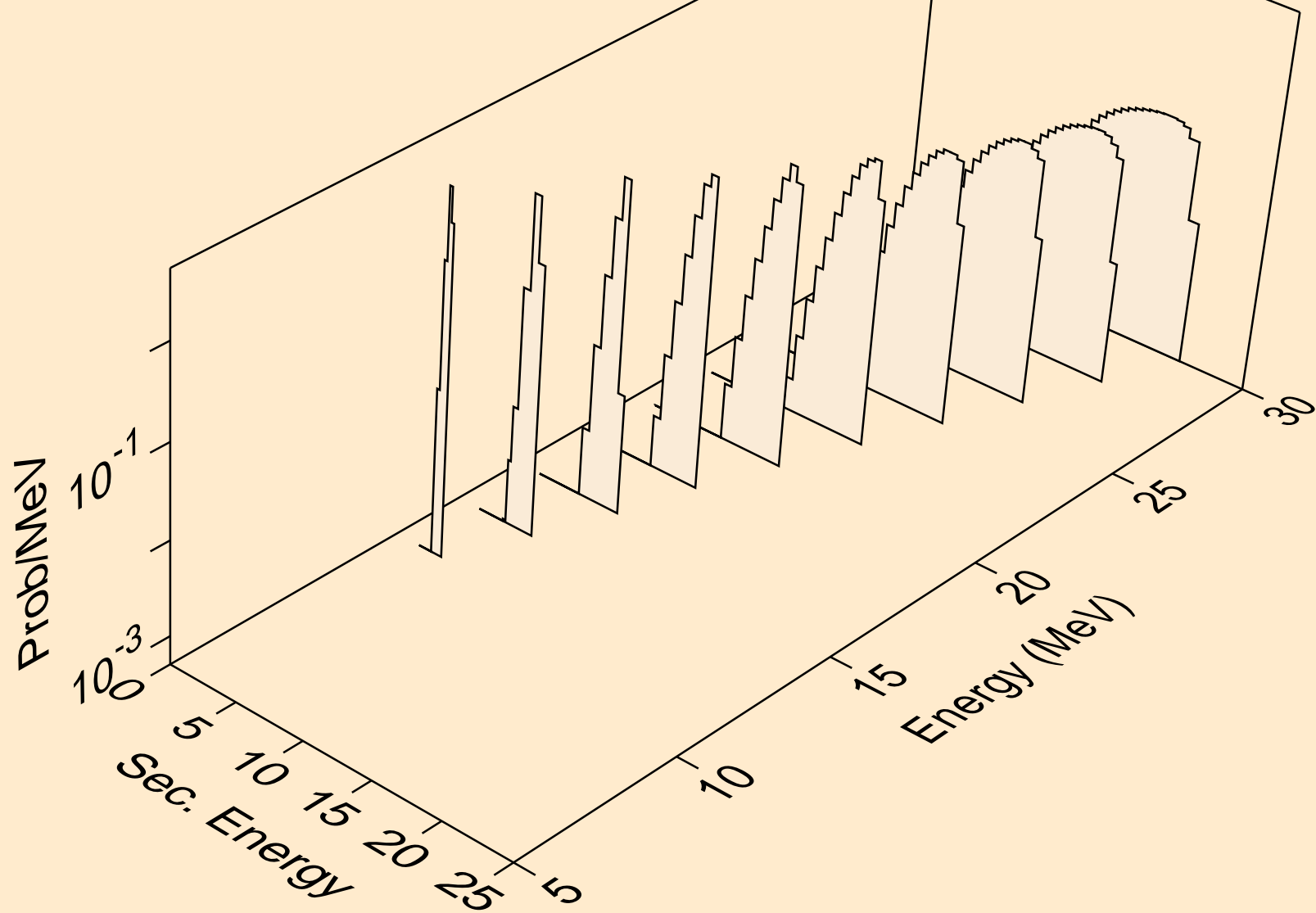
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angular distribution for elastic



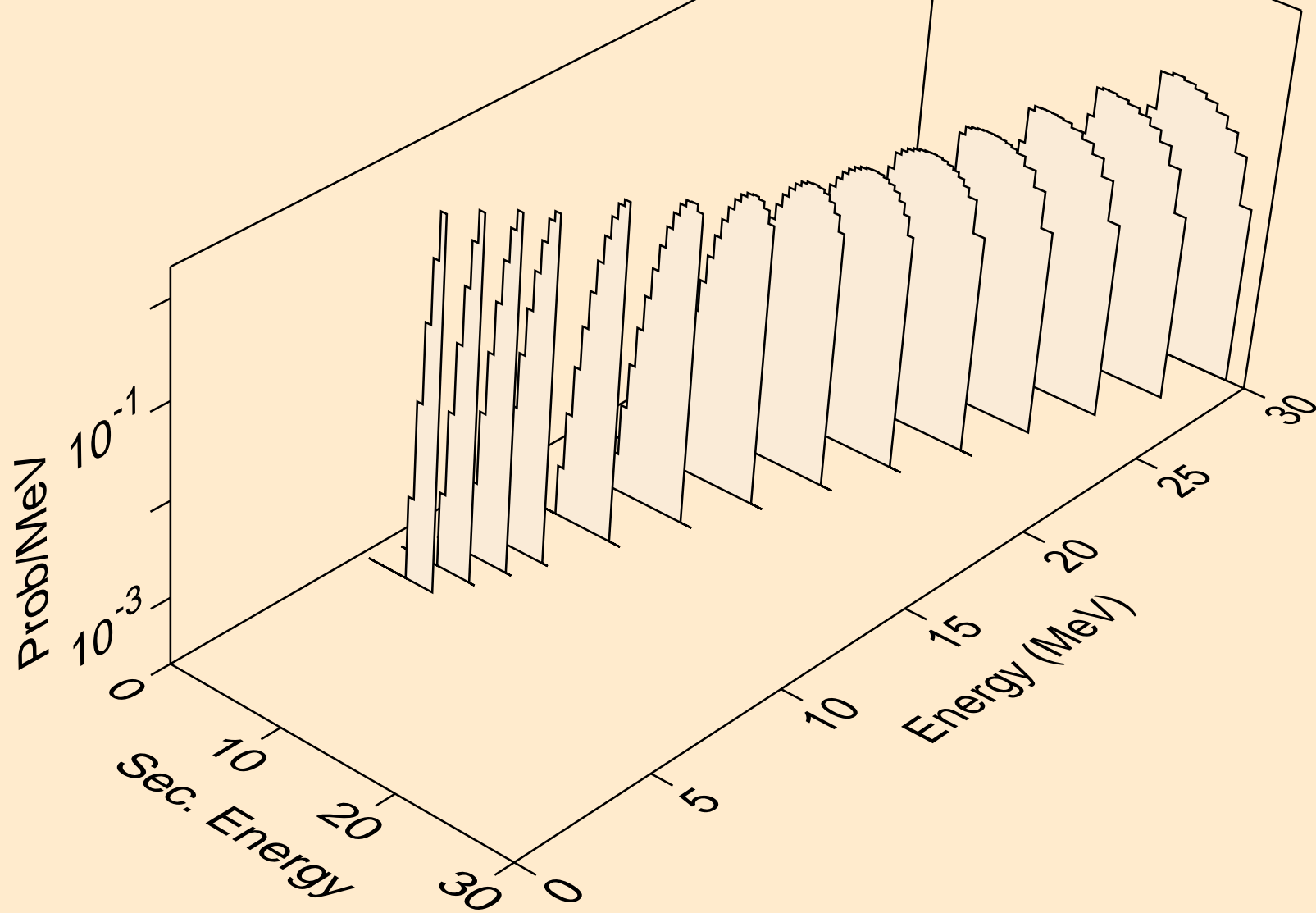
RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

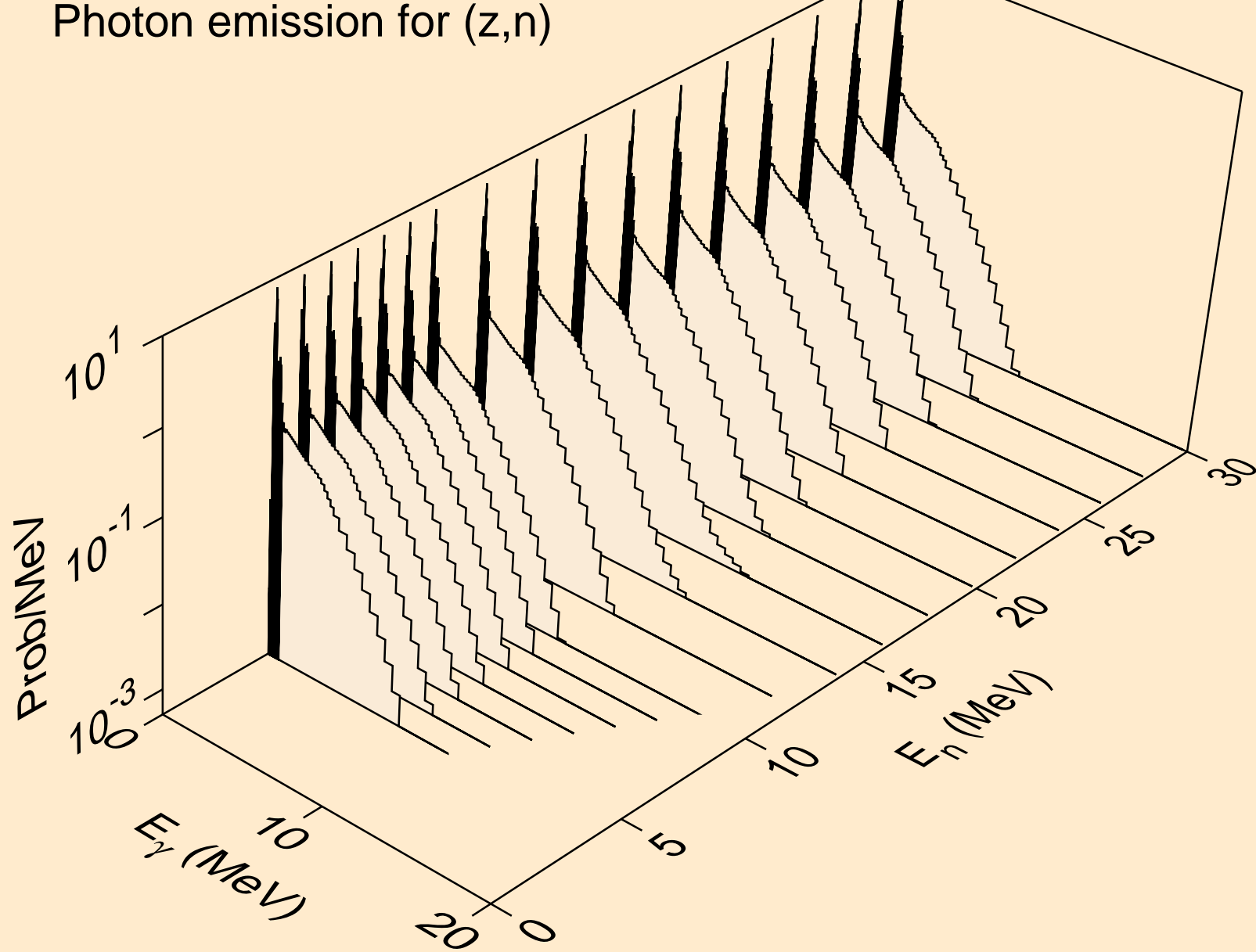


RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

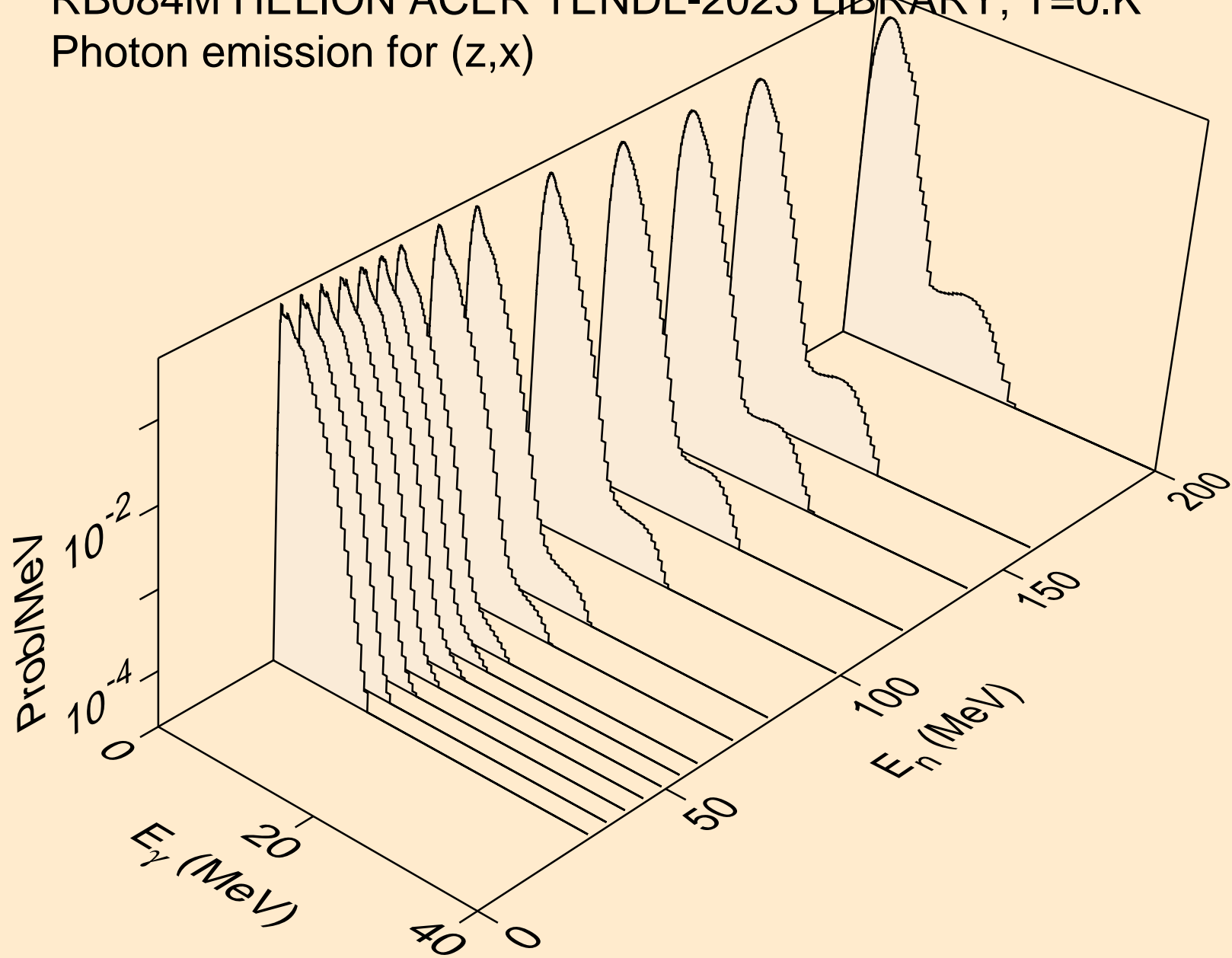




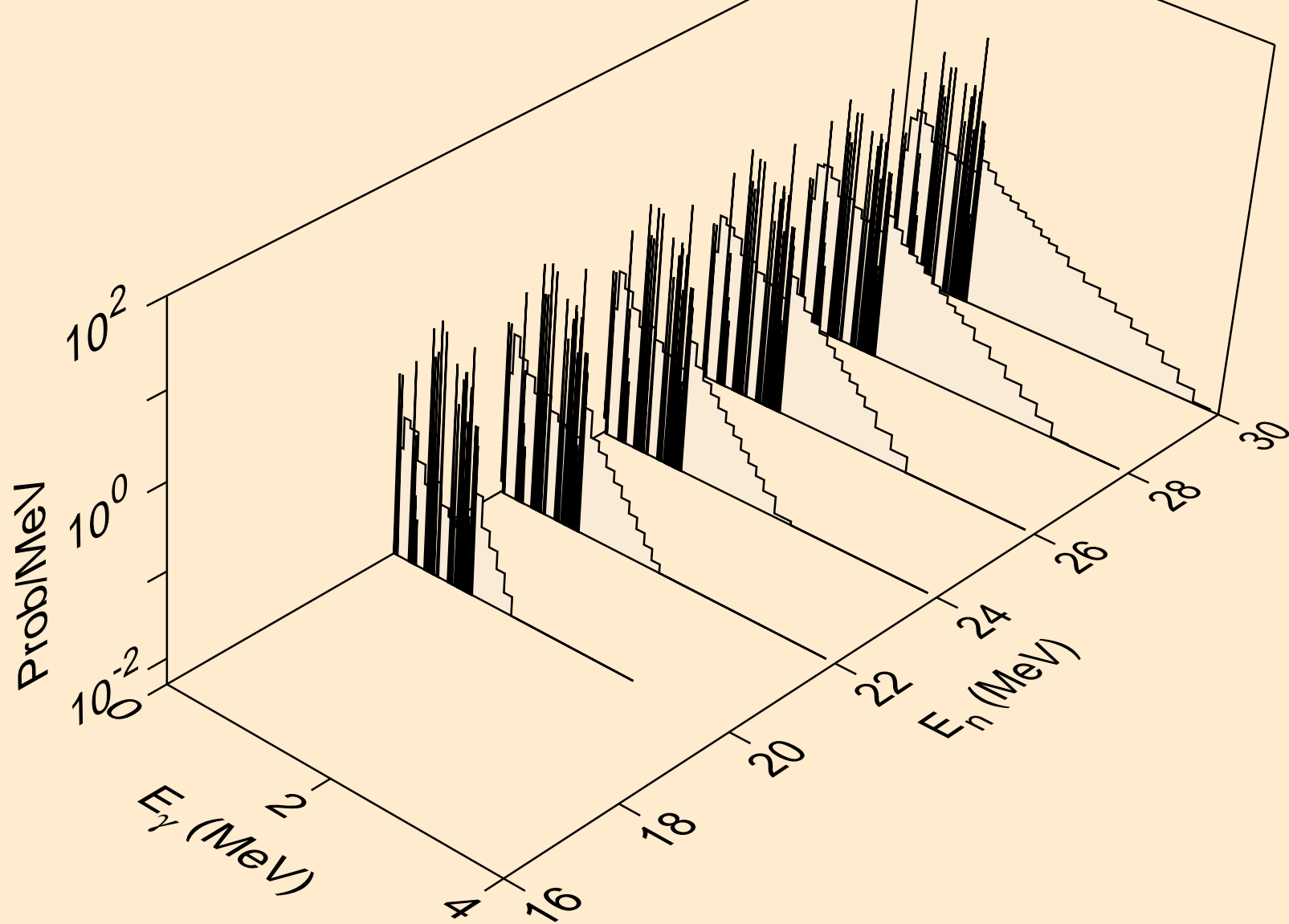
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Photon emission for (z,n)



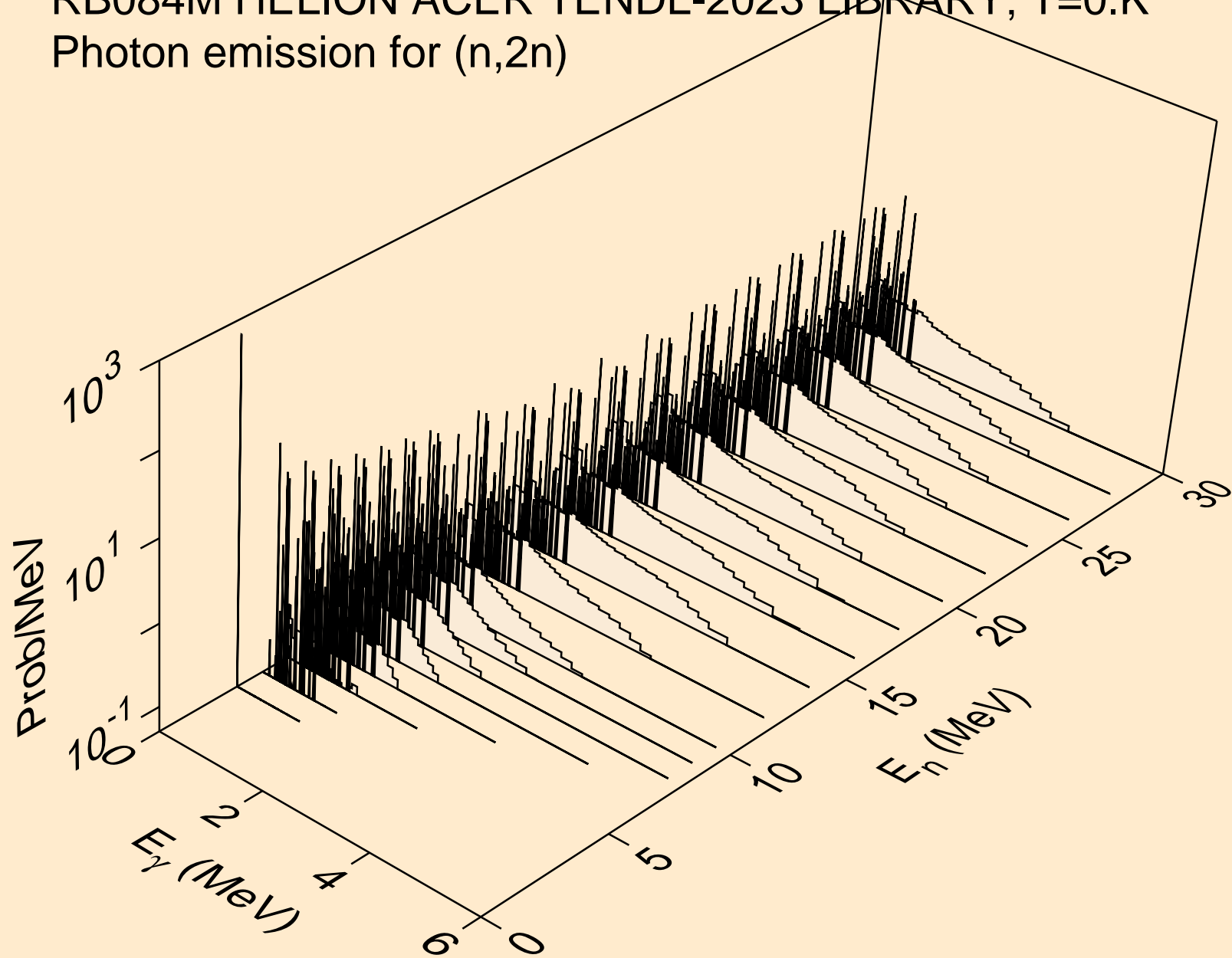
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Photon emission for (z,x)



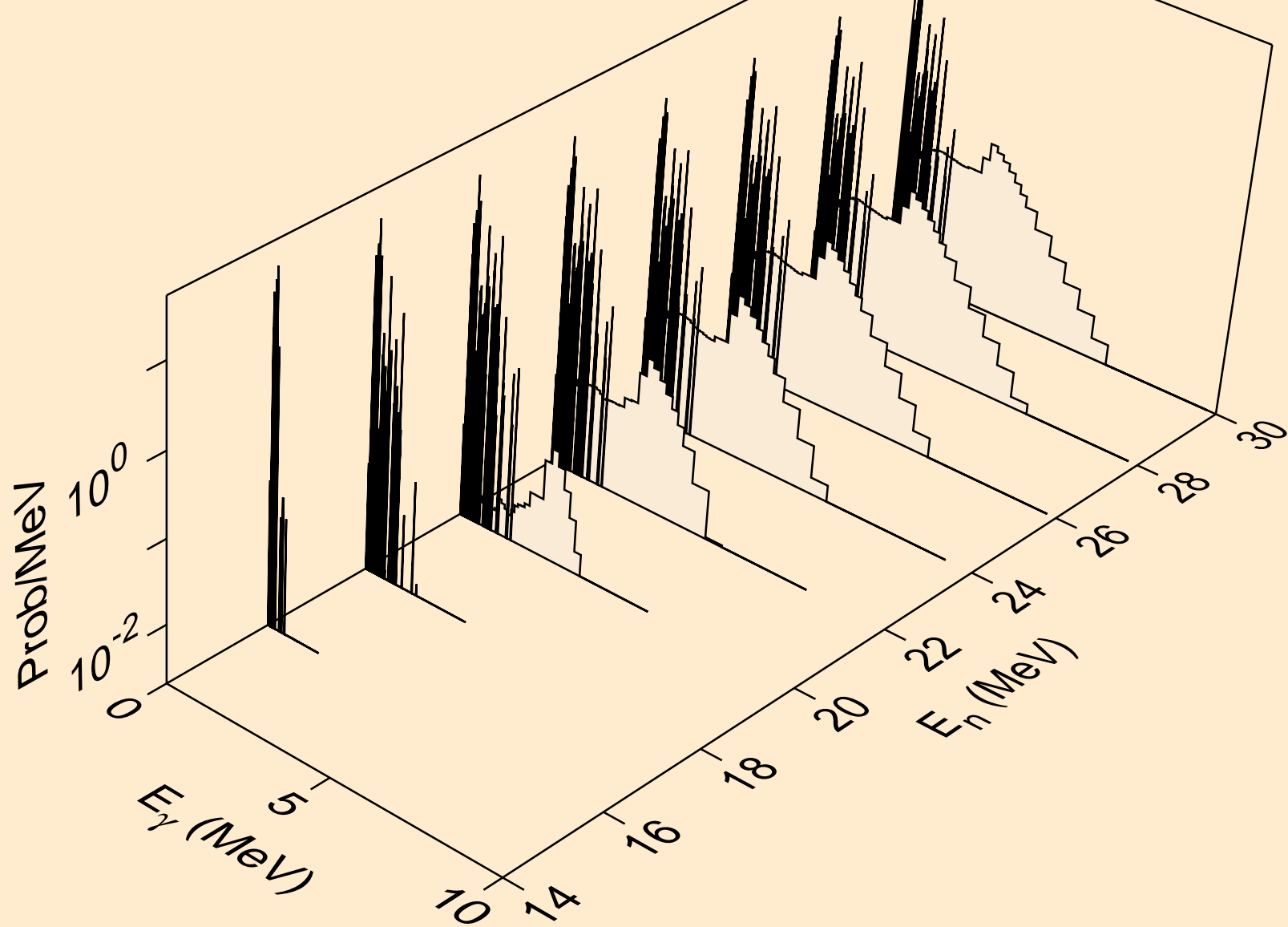
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Photon emission for (n,2nd)



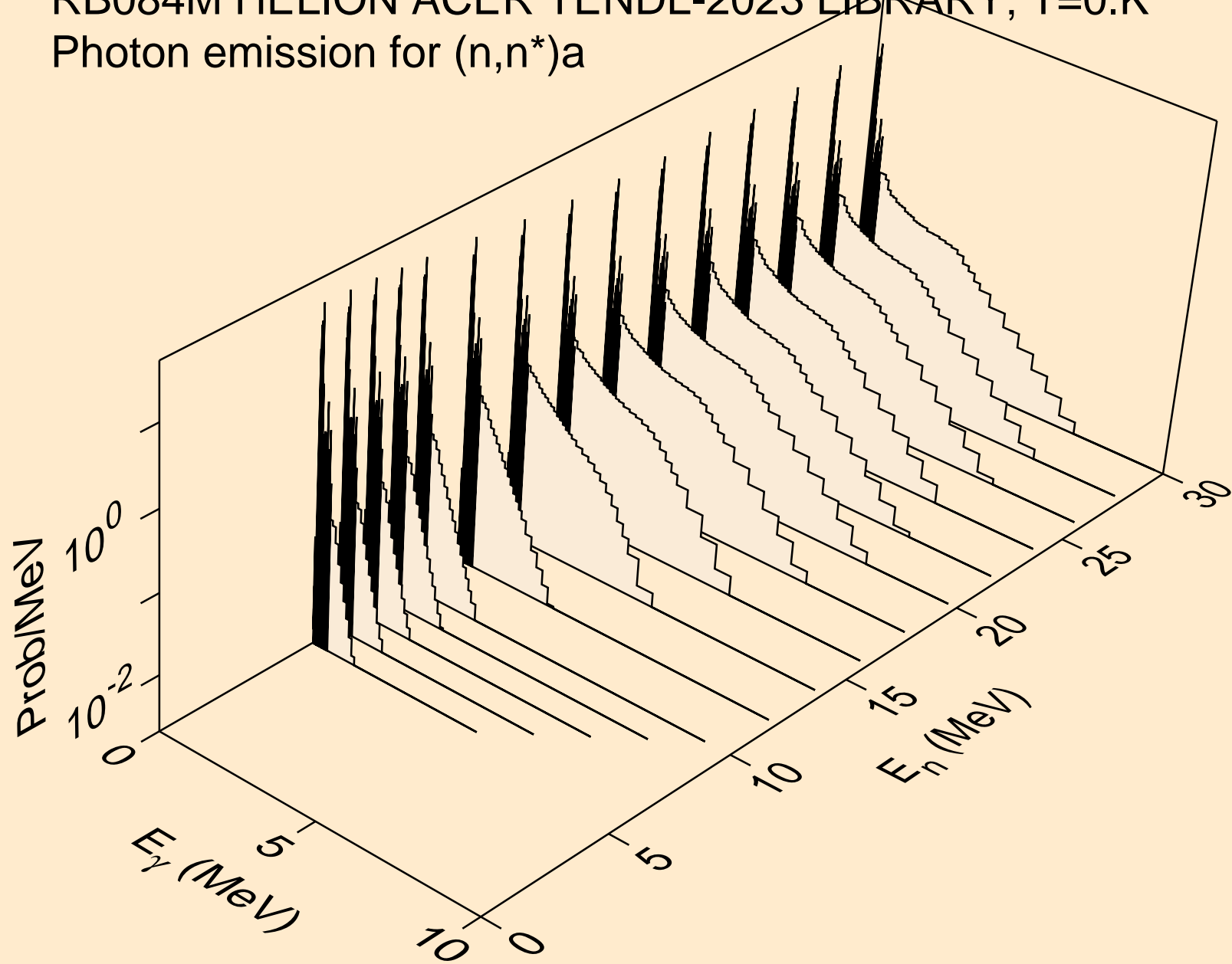
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Photon emission for (n,2n)



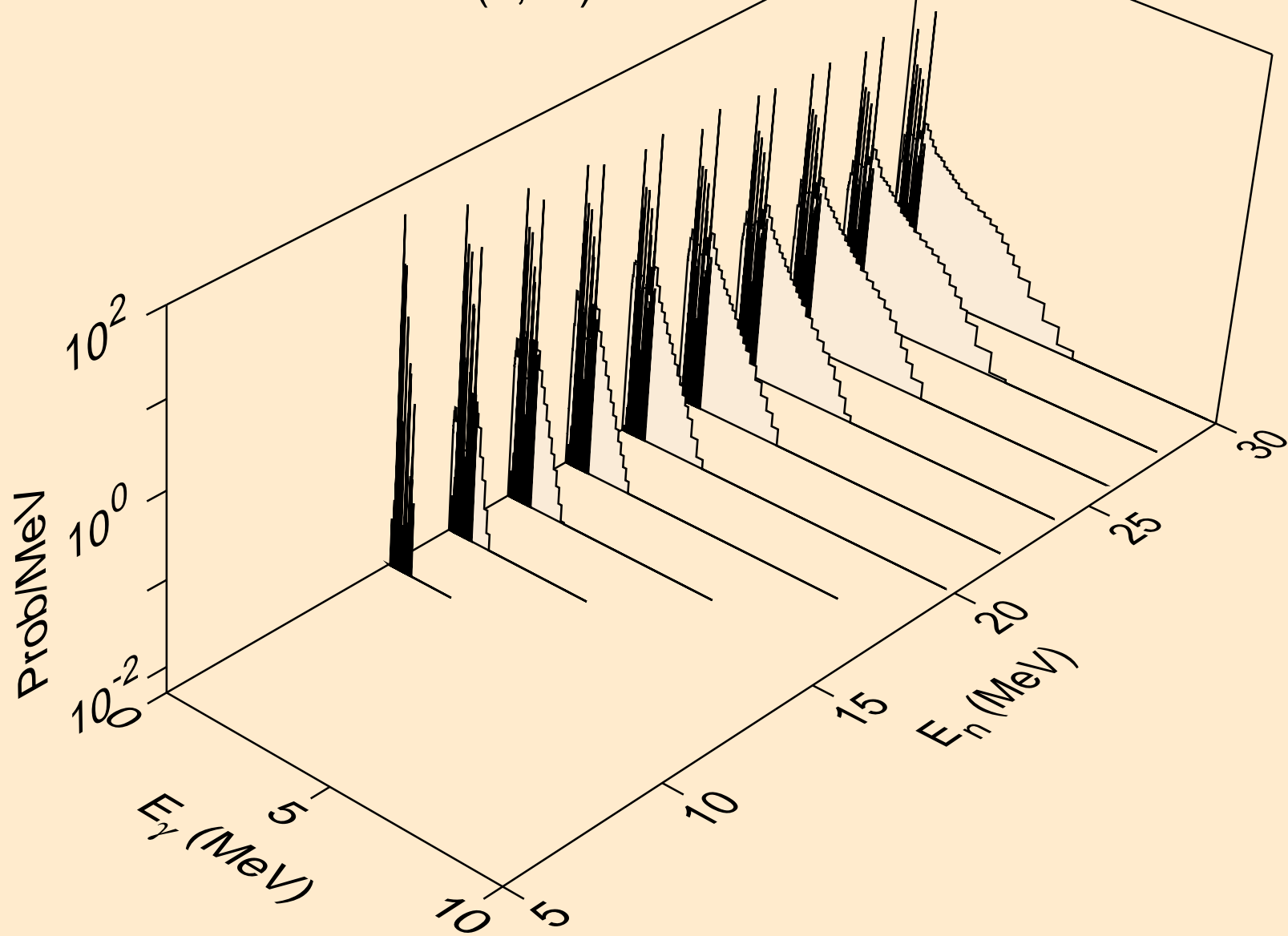
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Photon emission for (n,3n)



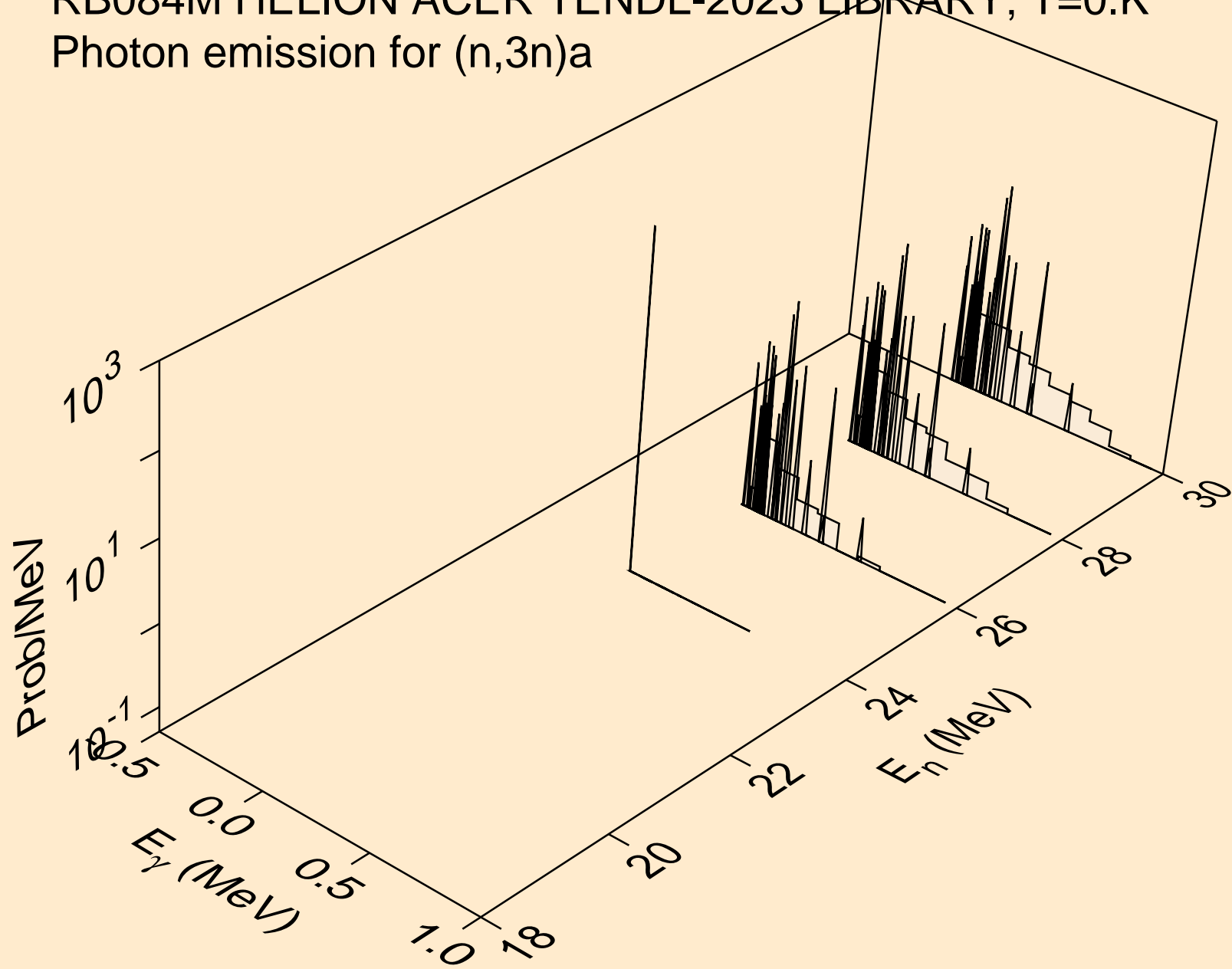
RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

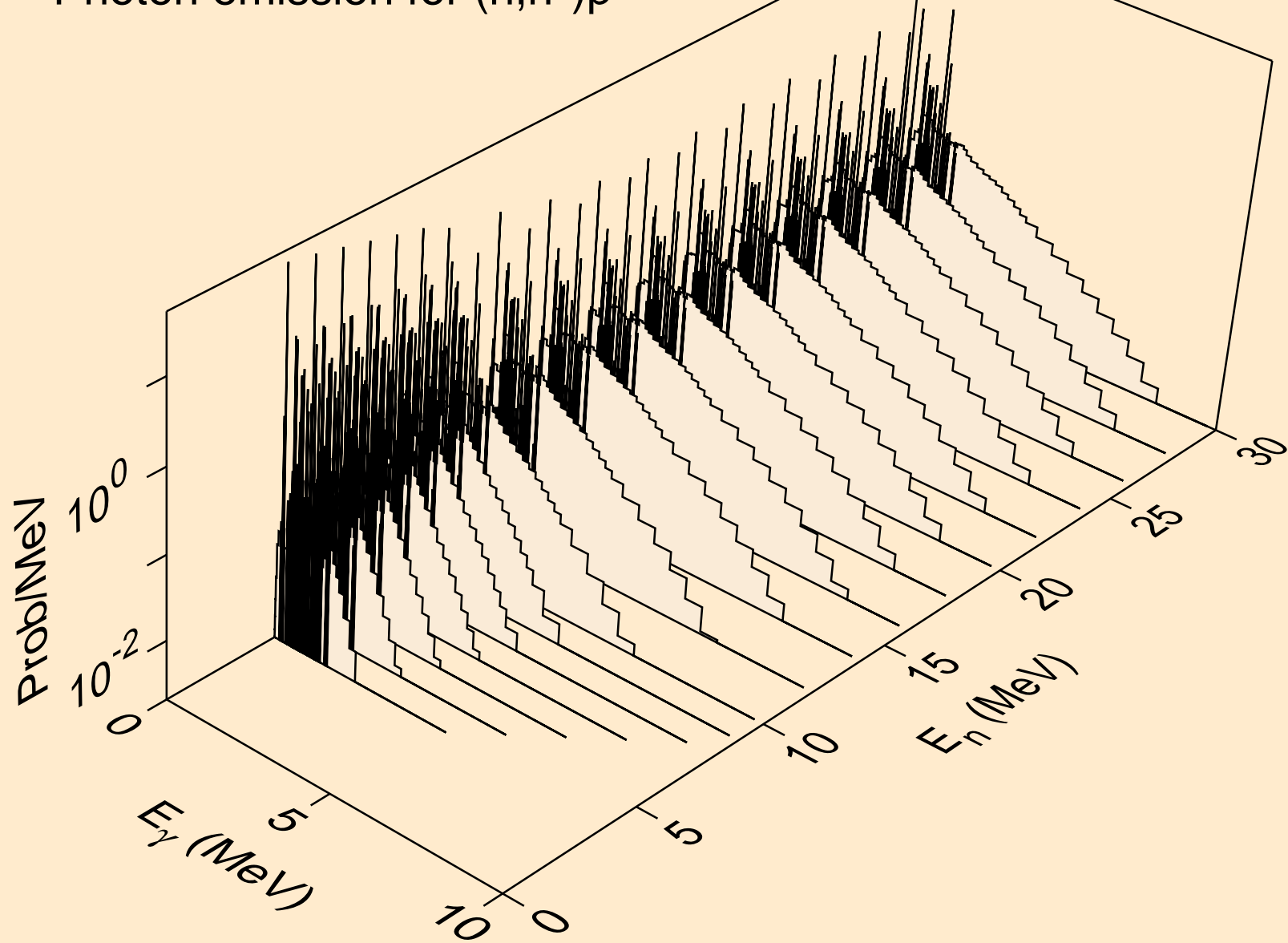


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Photon emission for (n,3n)a

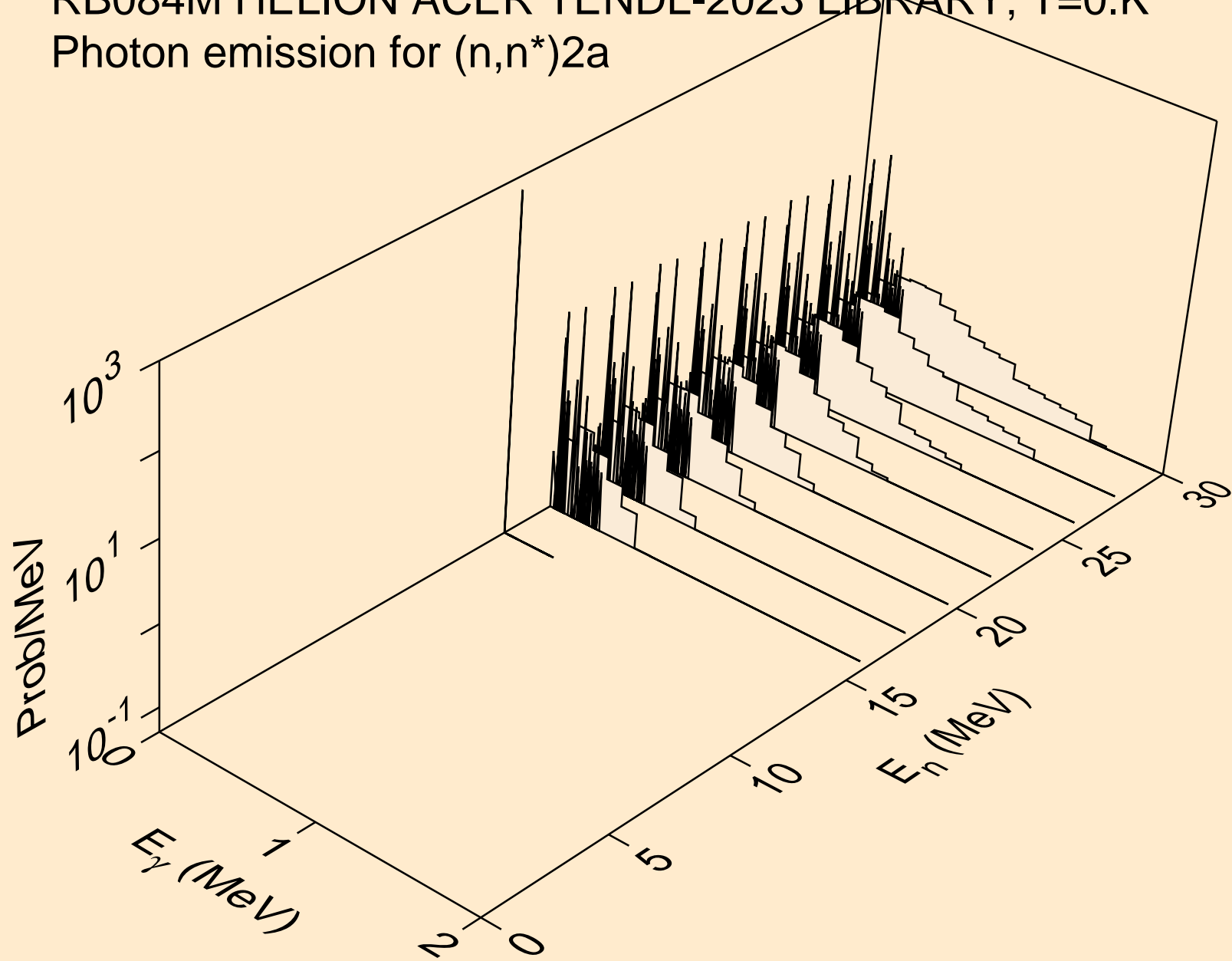




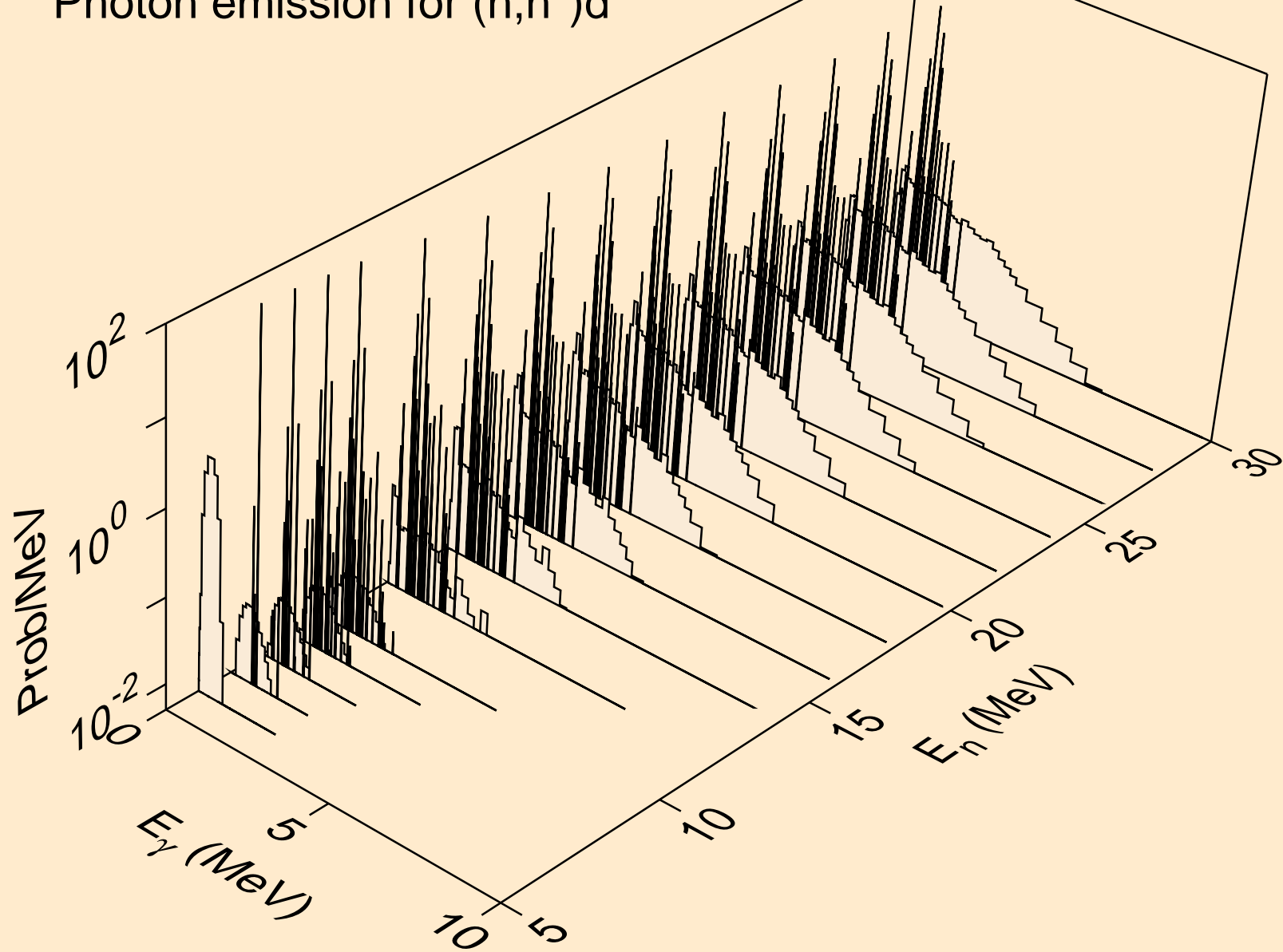
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Photon emission for (n,n\*)p



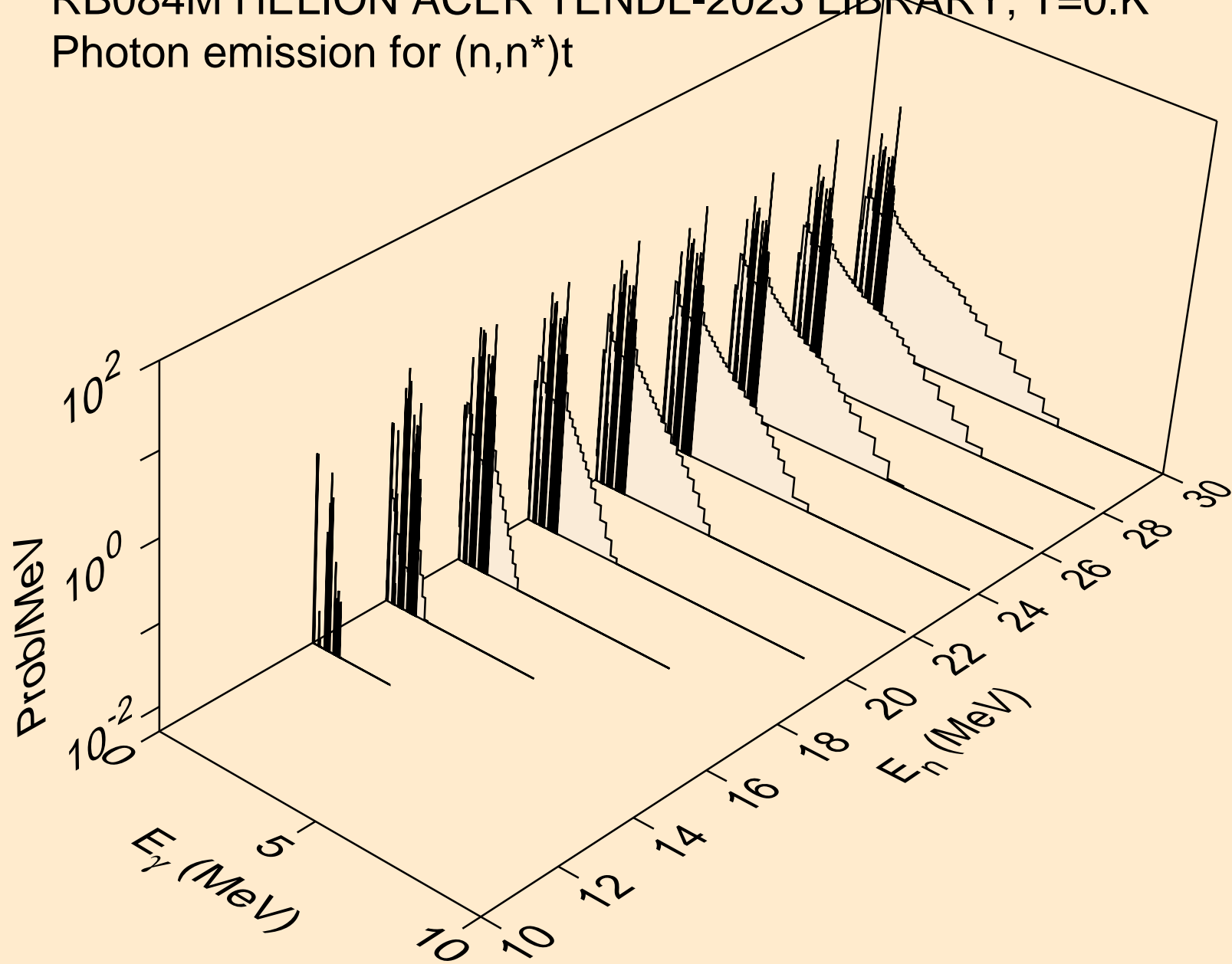
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Photon emission for (n,n\*)2a



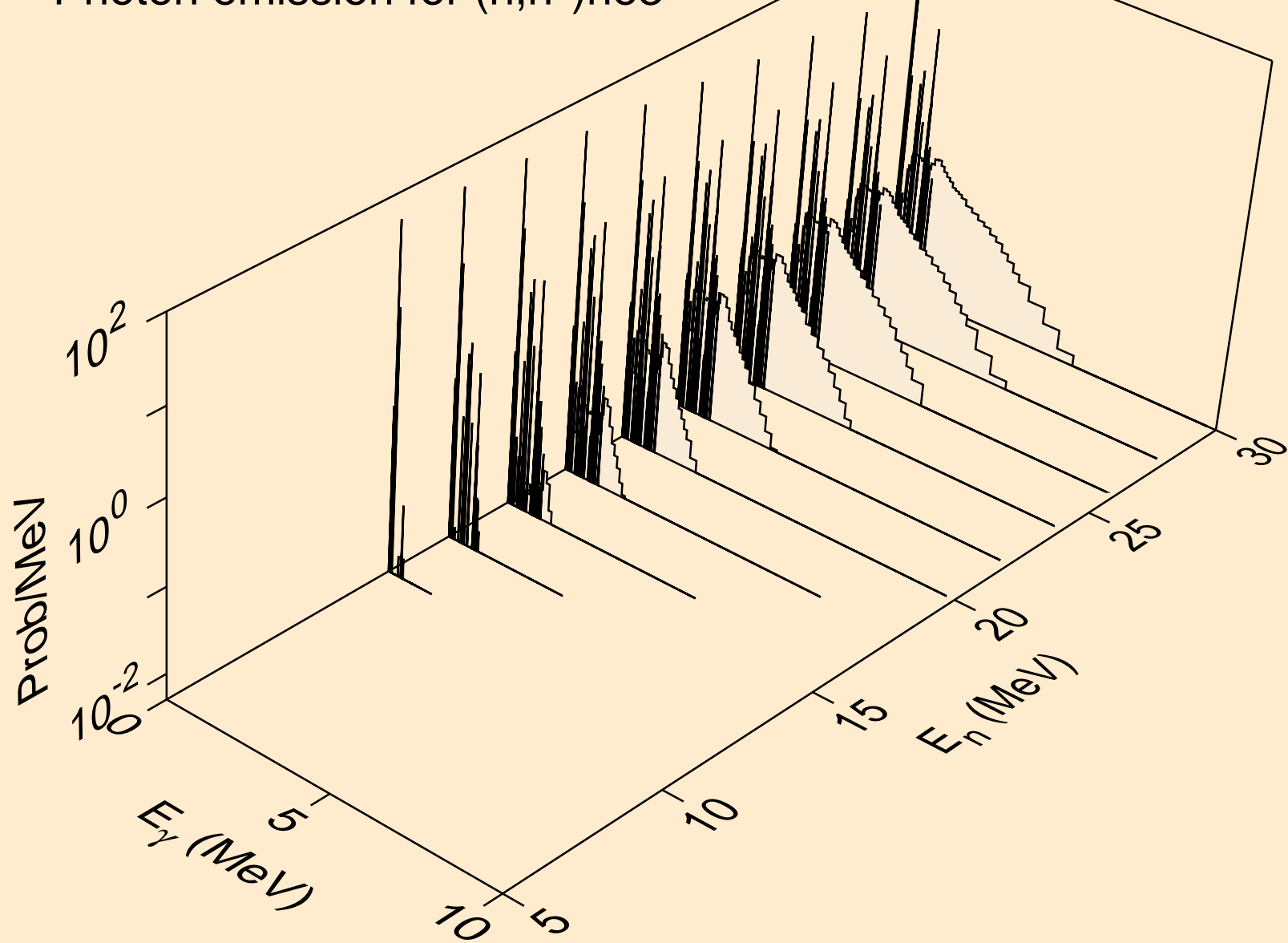
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Photon emission for (n,n\*)d



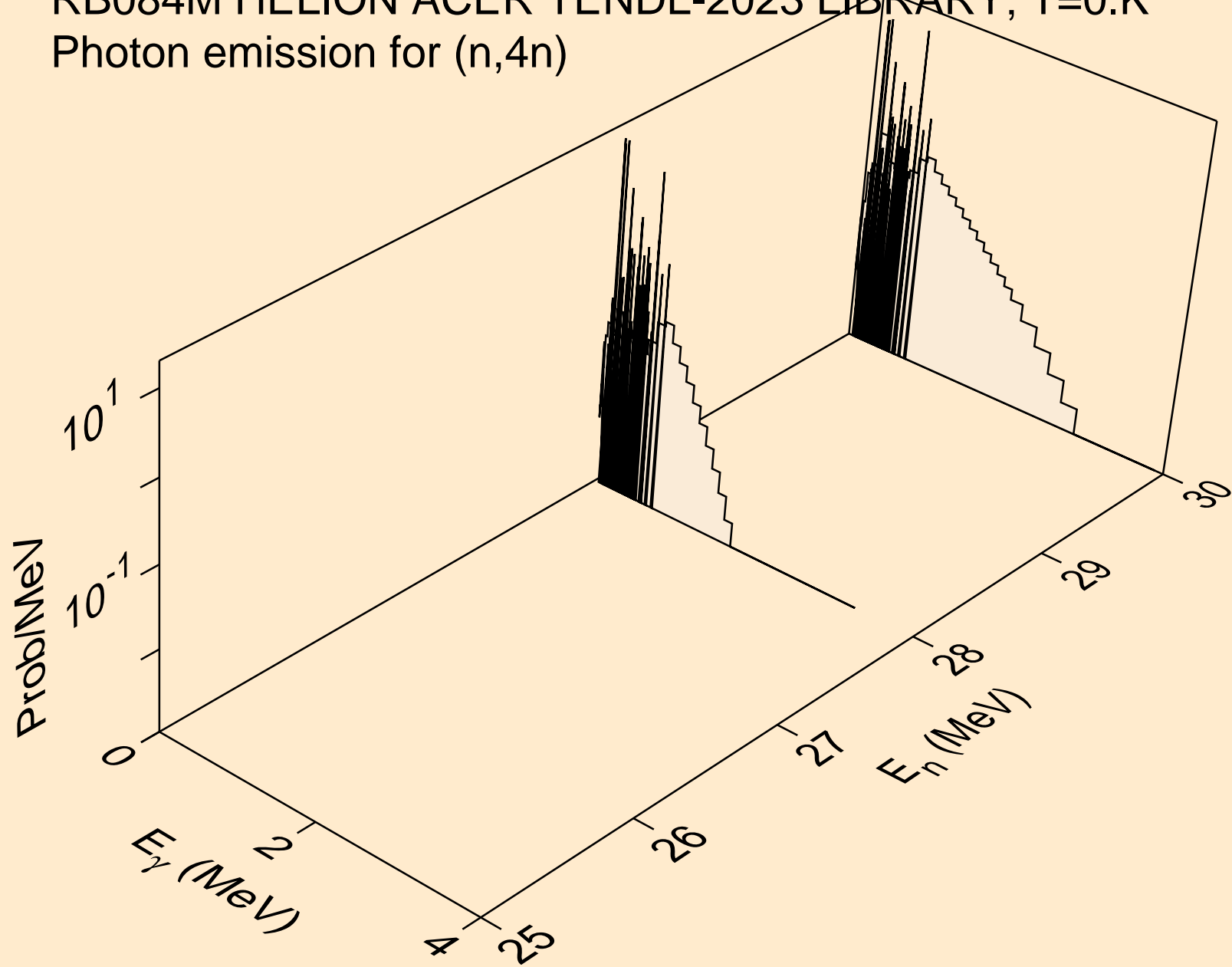
RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



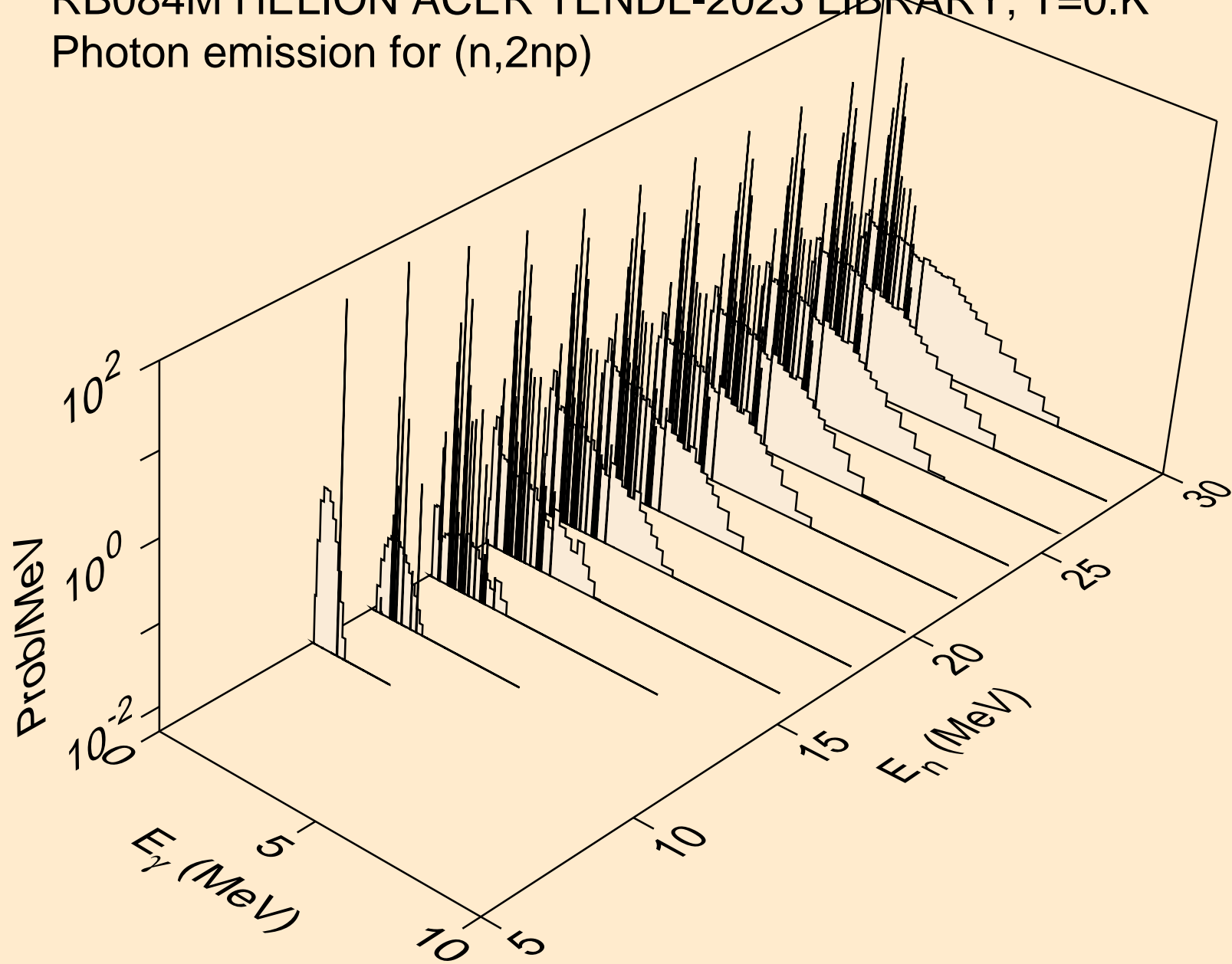
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Photon emission for (n,n\*)he3



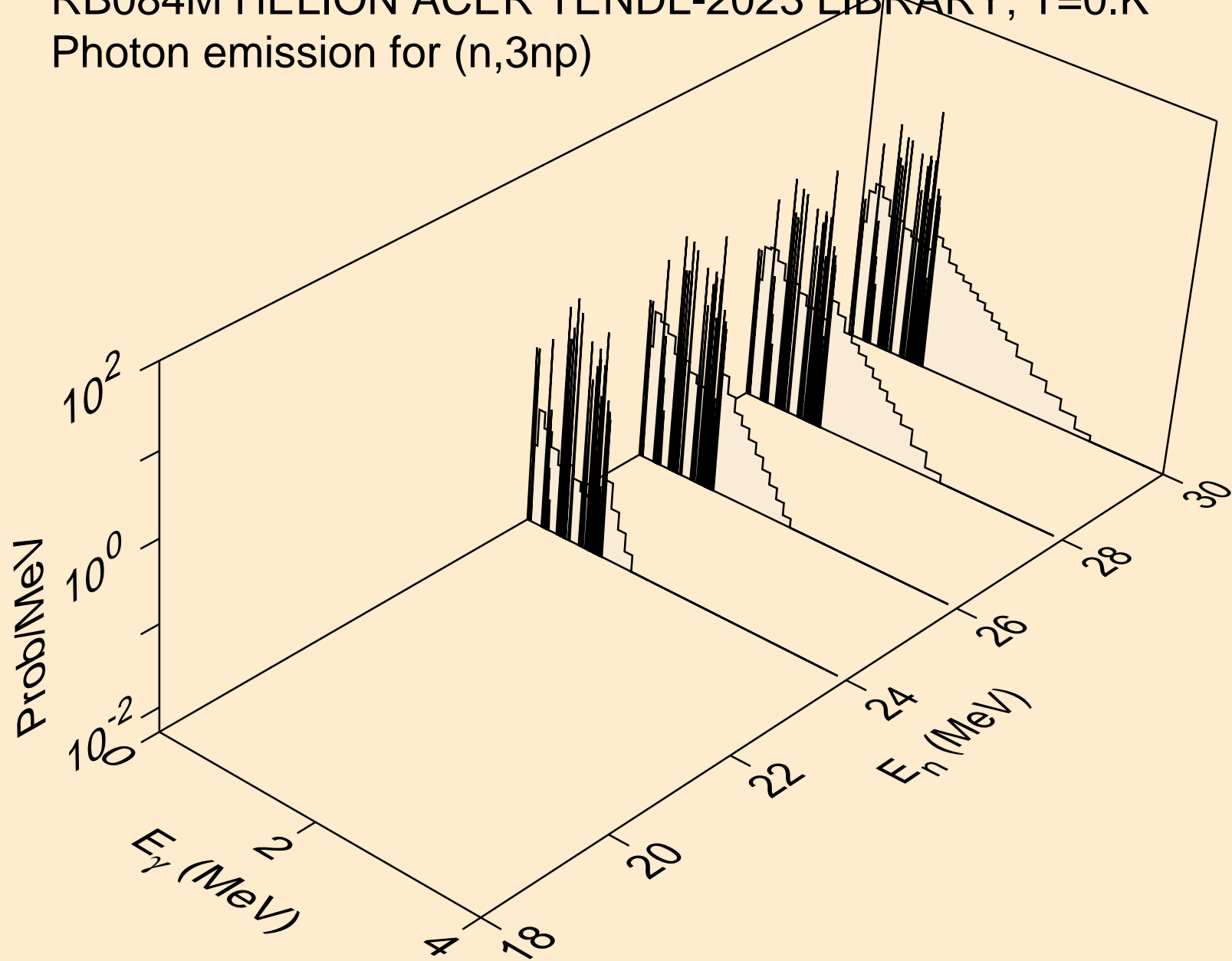
RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

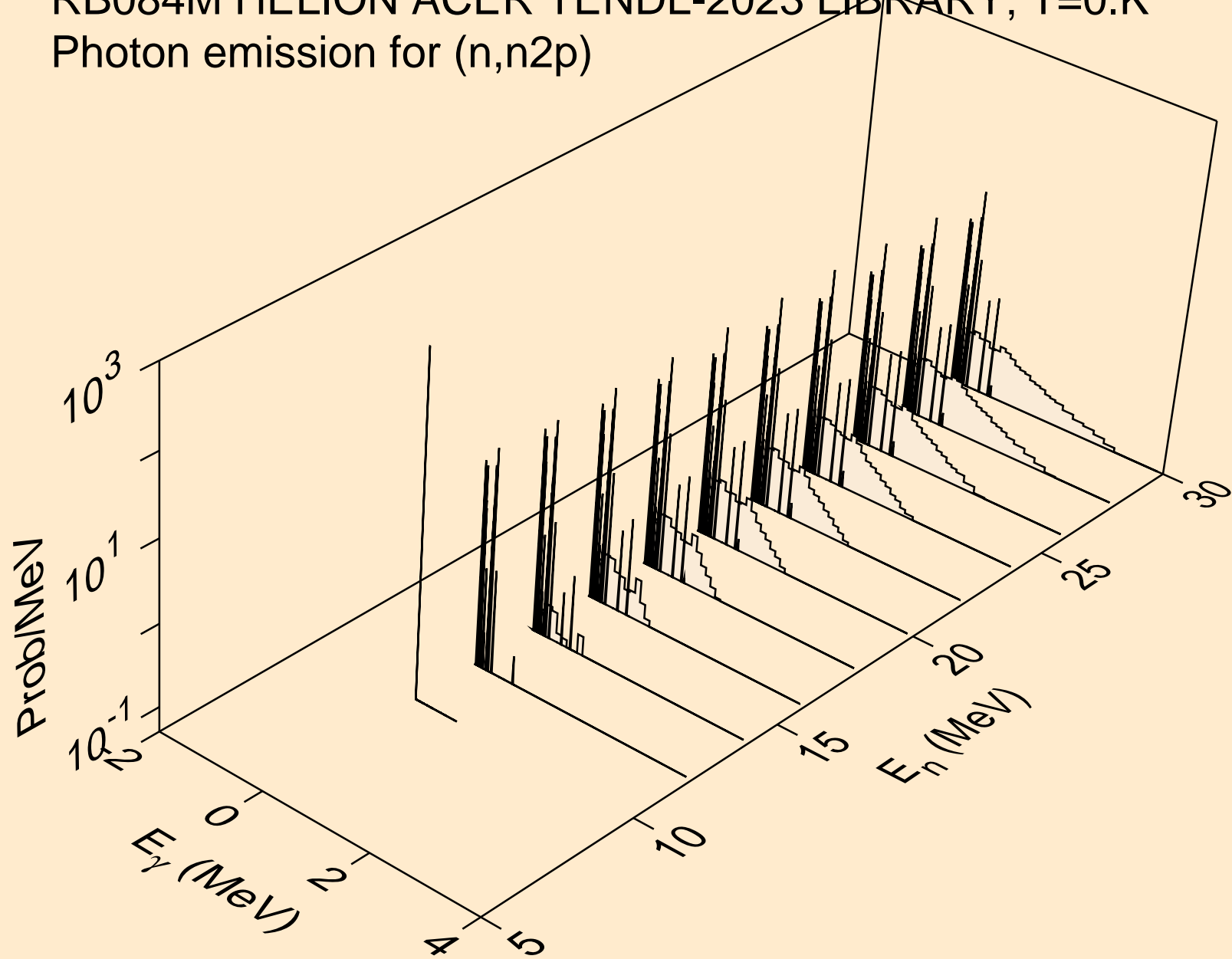


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Photon emission for (n,3np)

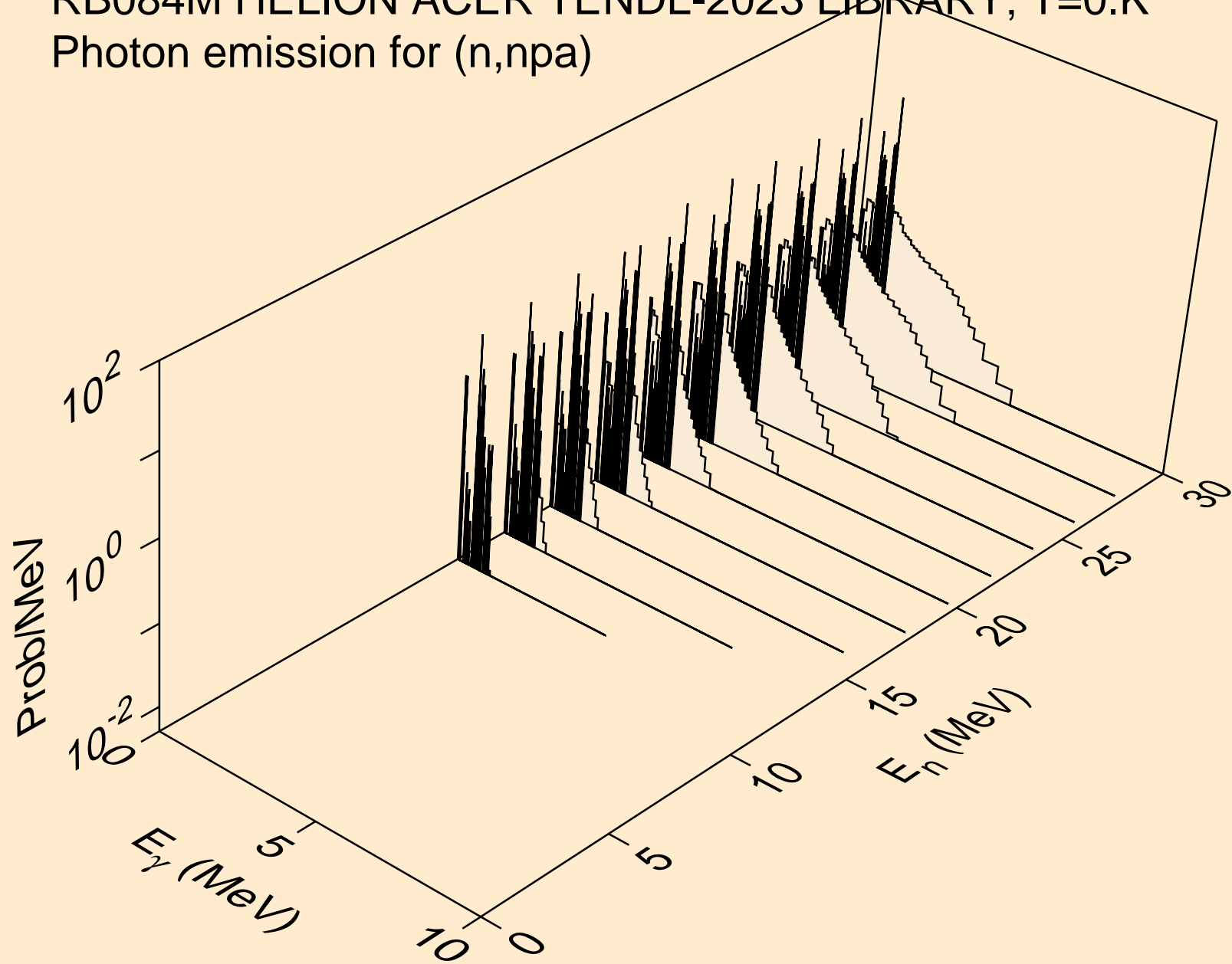




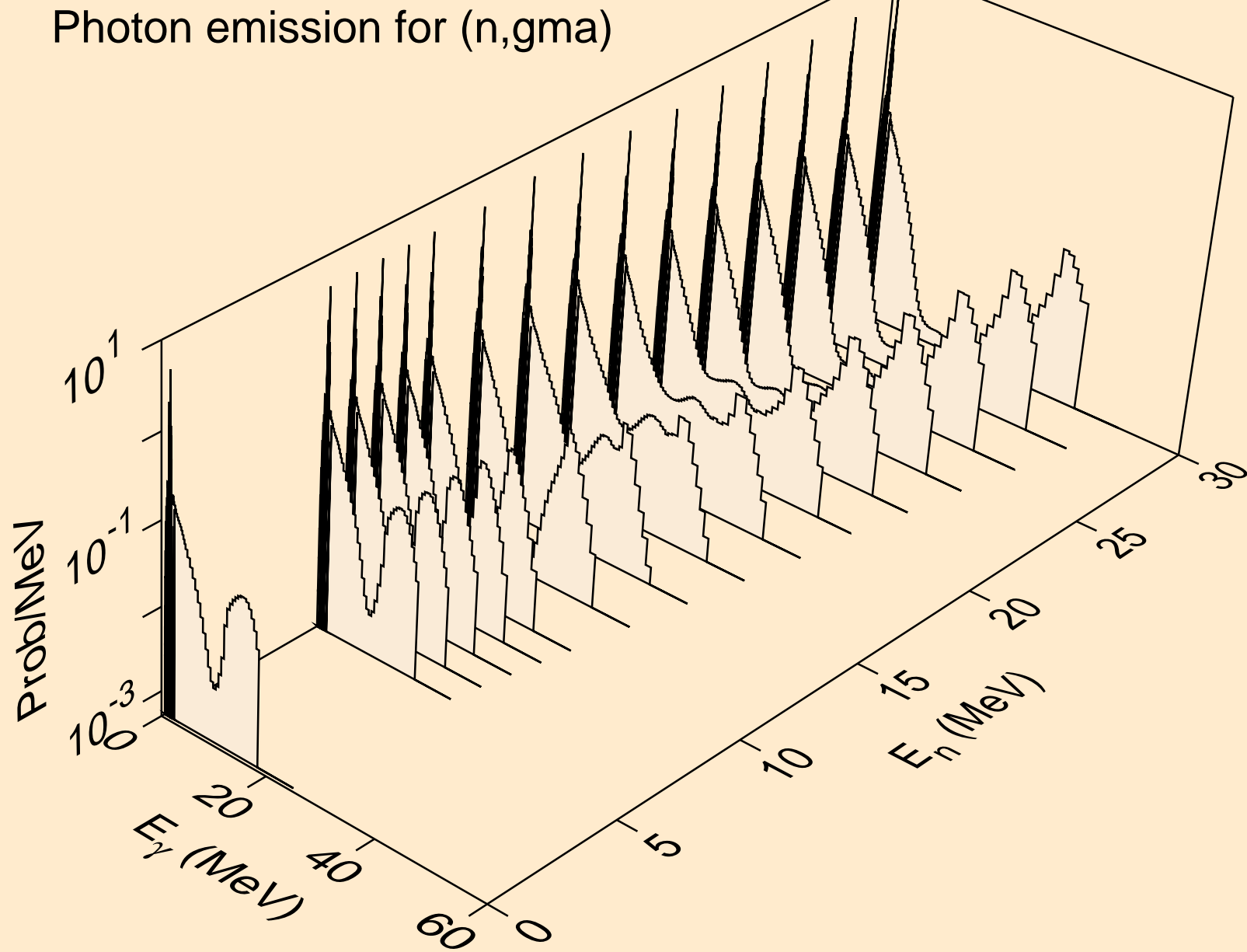
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Photon emission for (n,n2p)



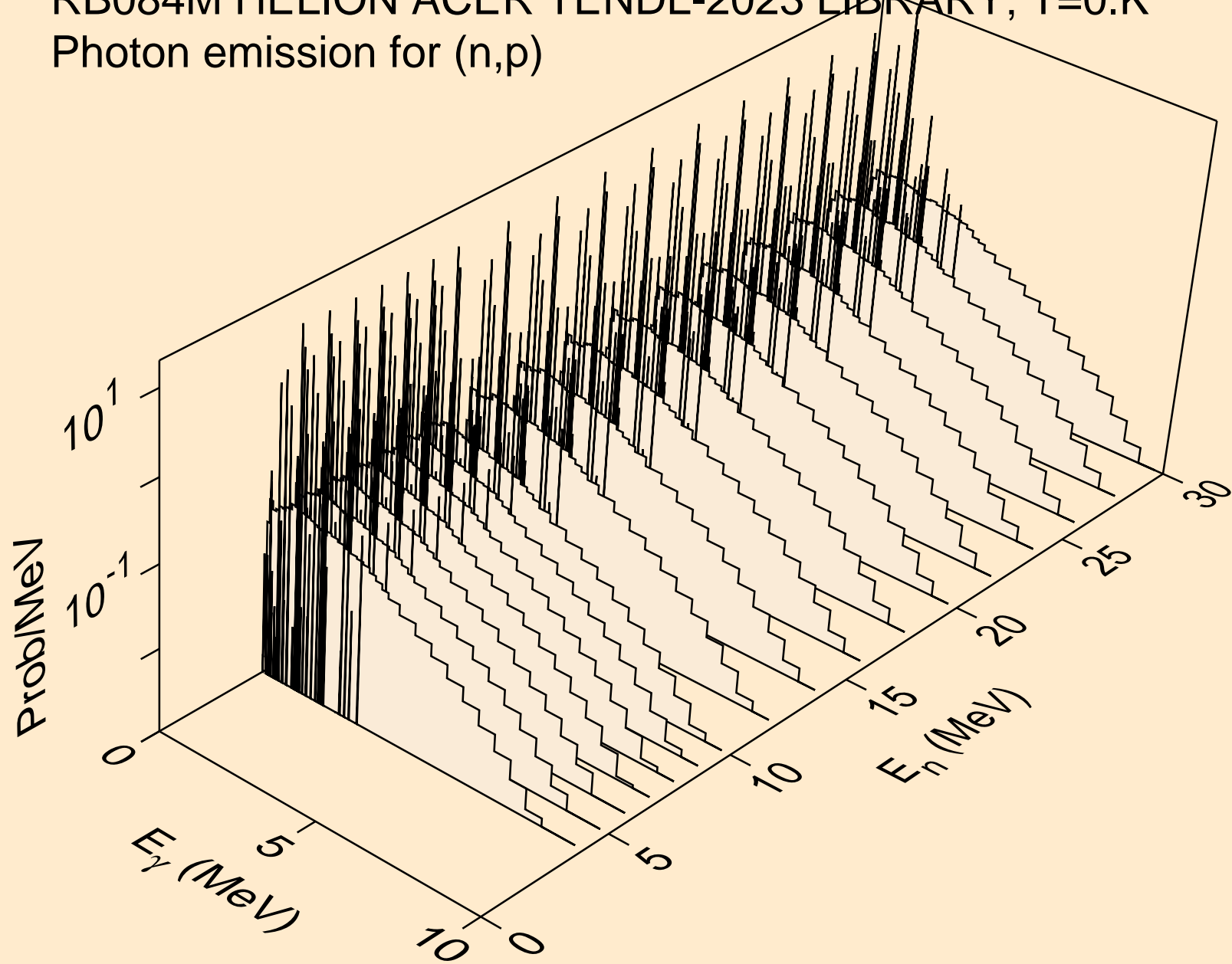
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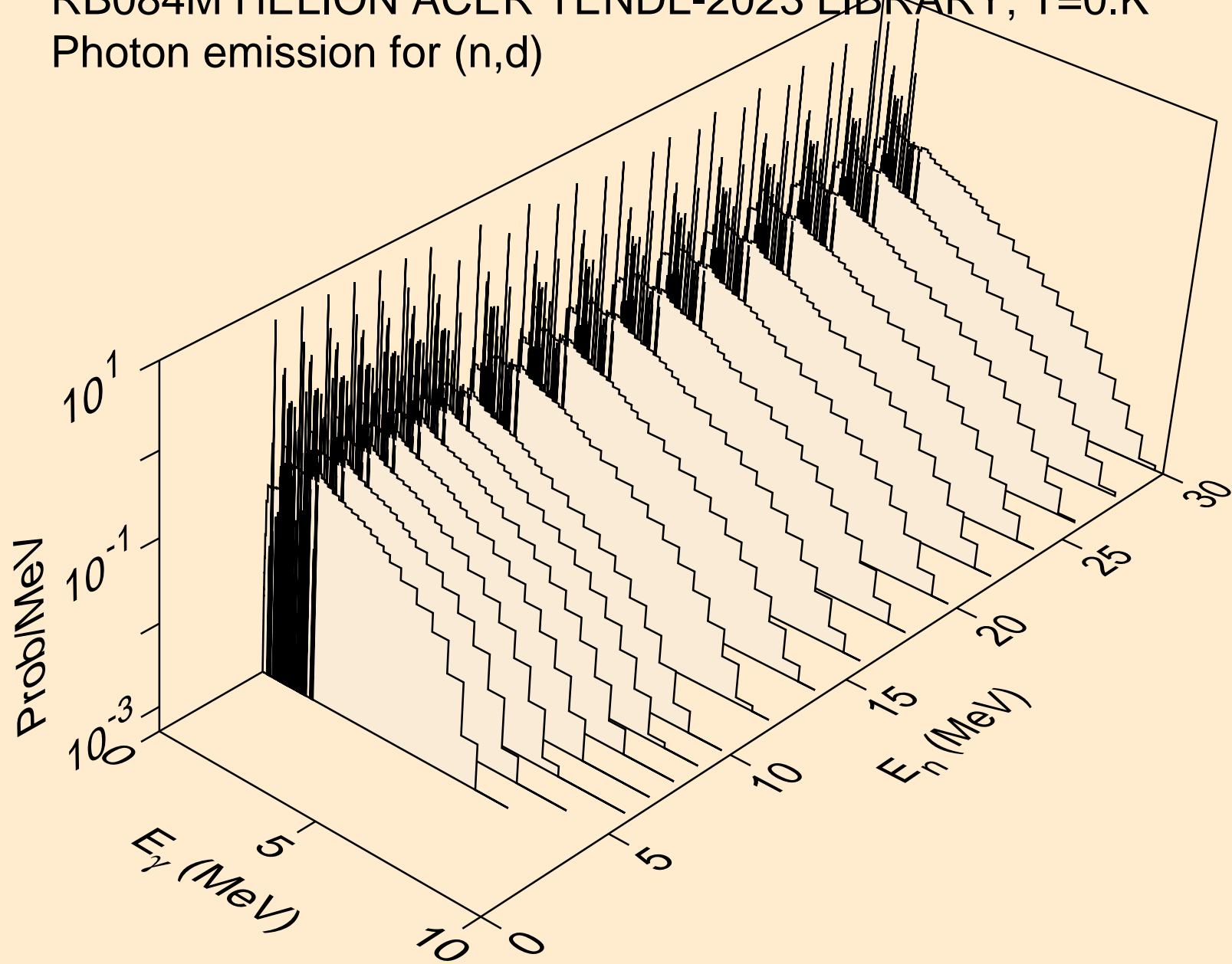
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Photon emission for (n,gma)



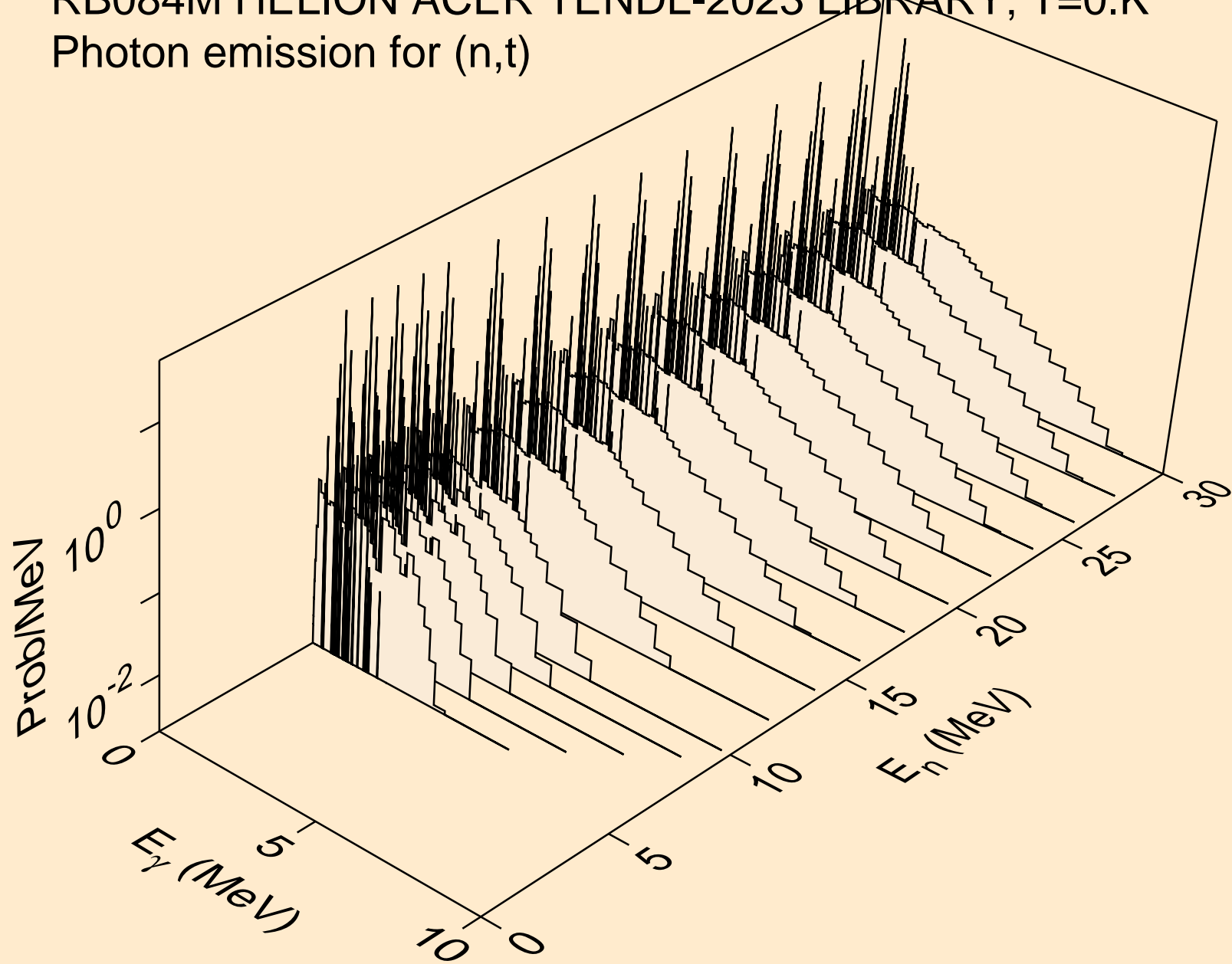
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Photon emission for (n,p)



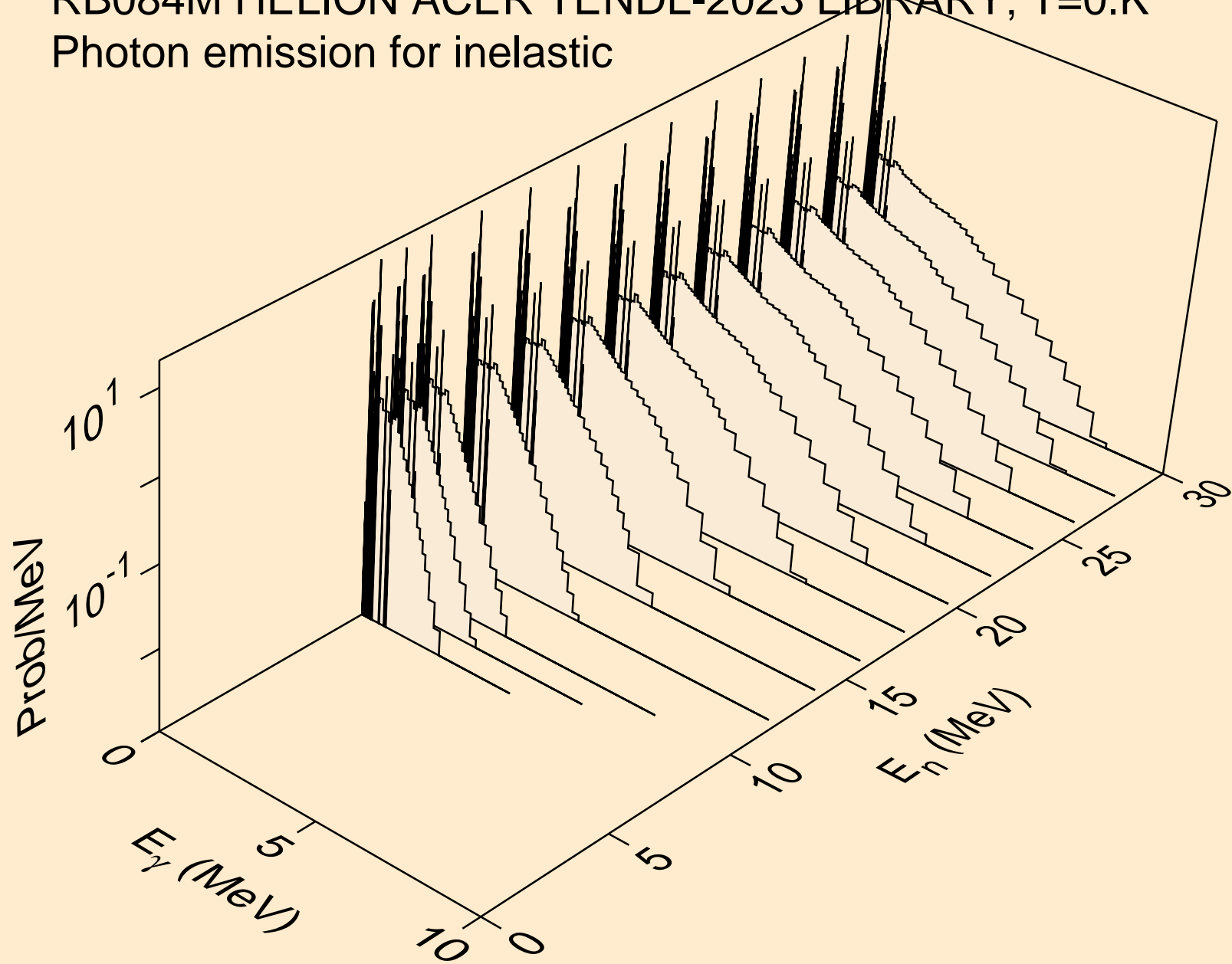
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Photon emission for (n,d)



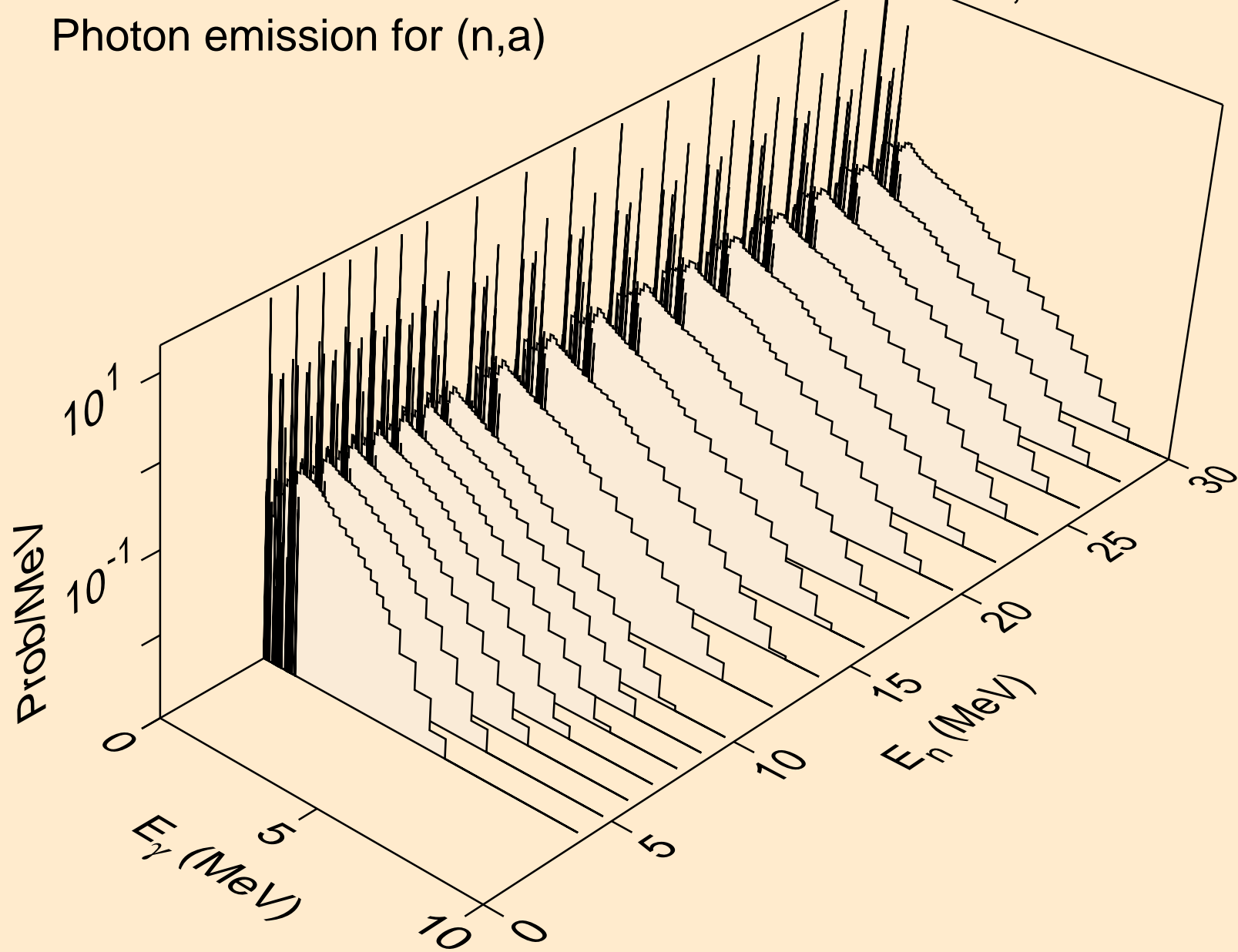
RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

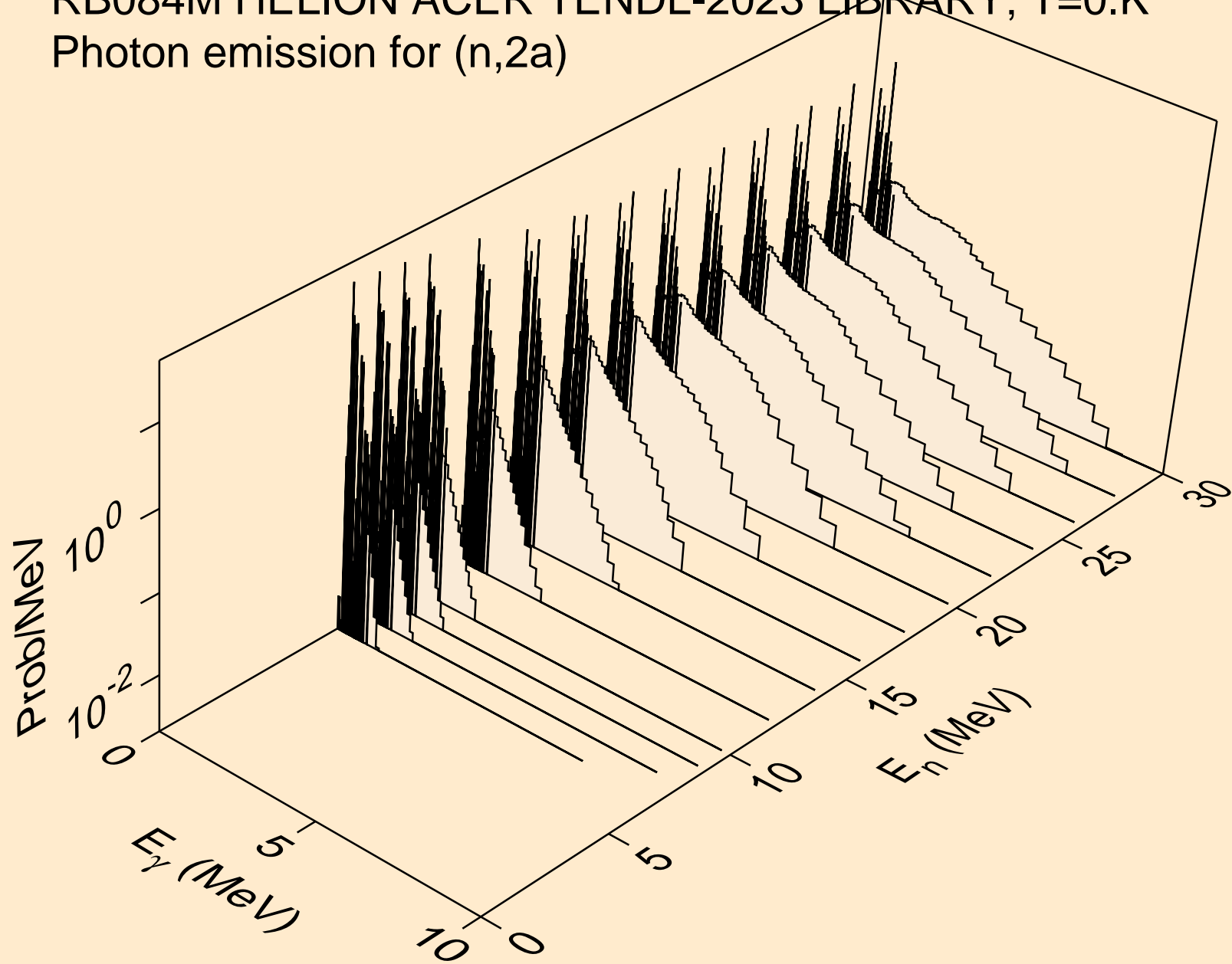


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Photon emission for (n,a)

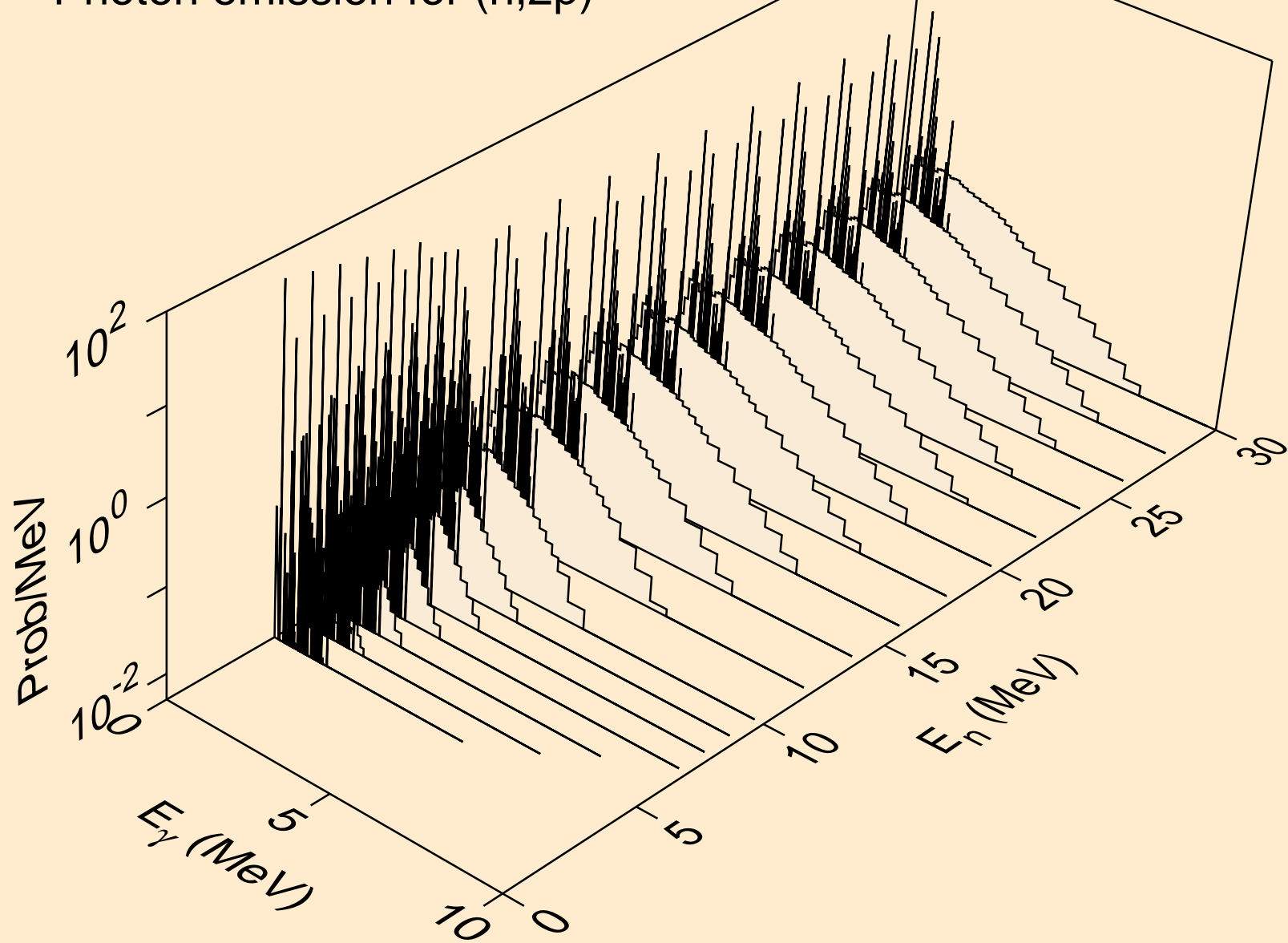




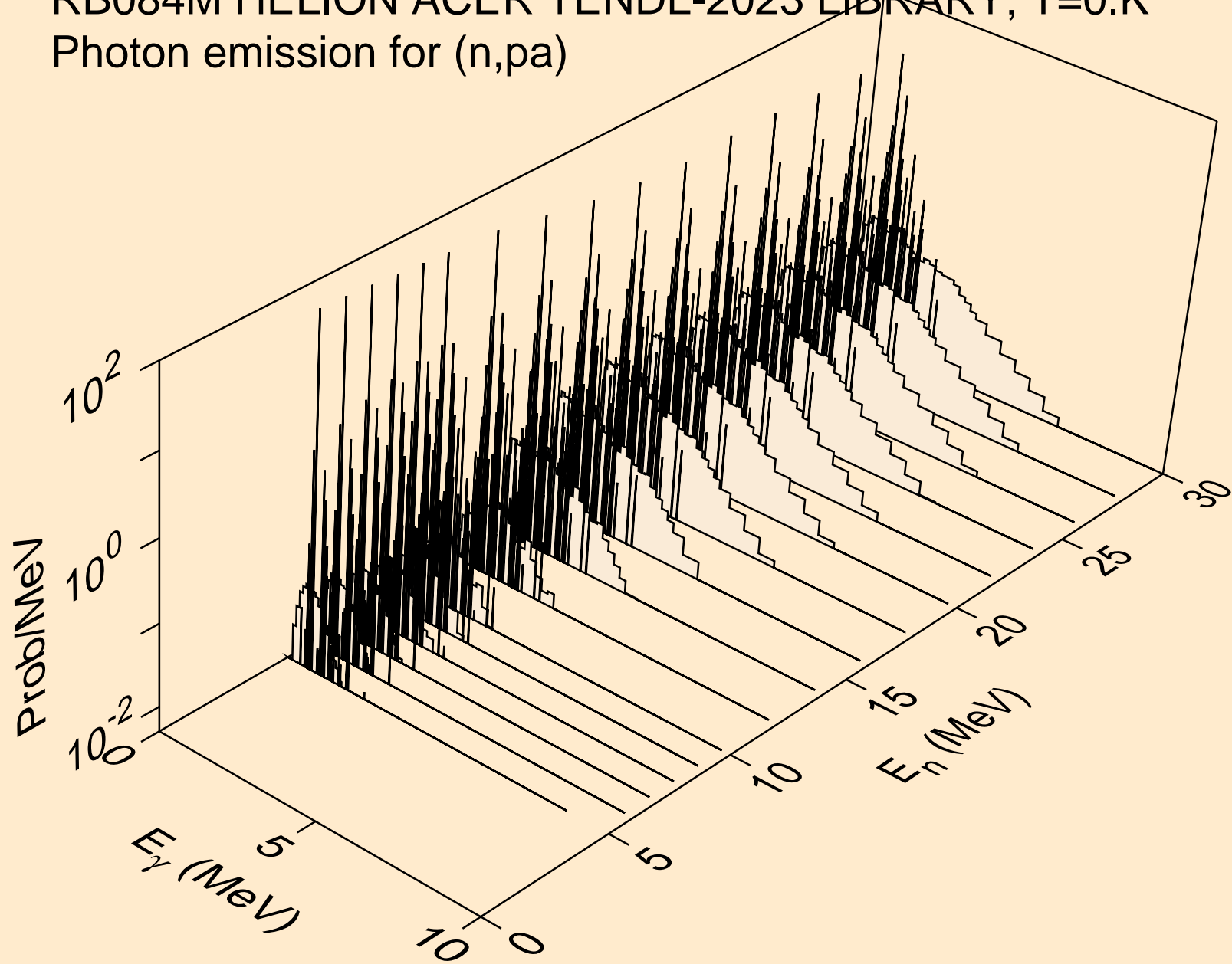
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Photon emission for (n,2a)



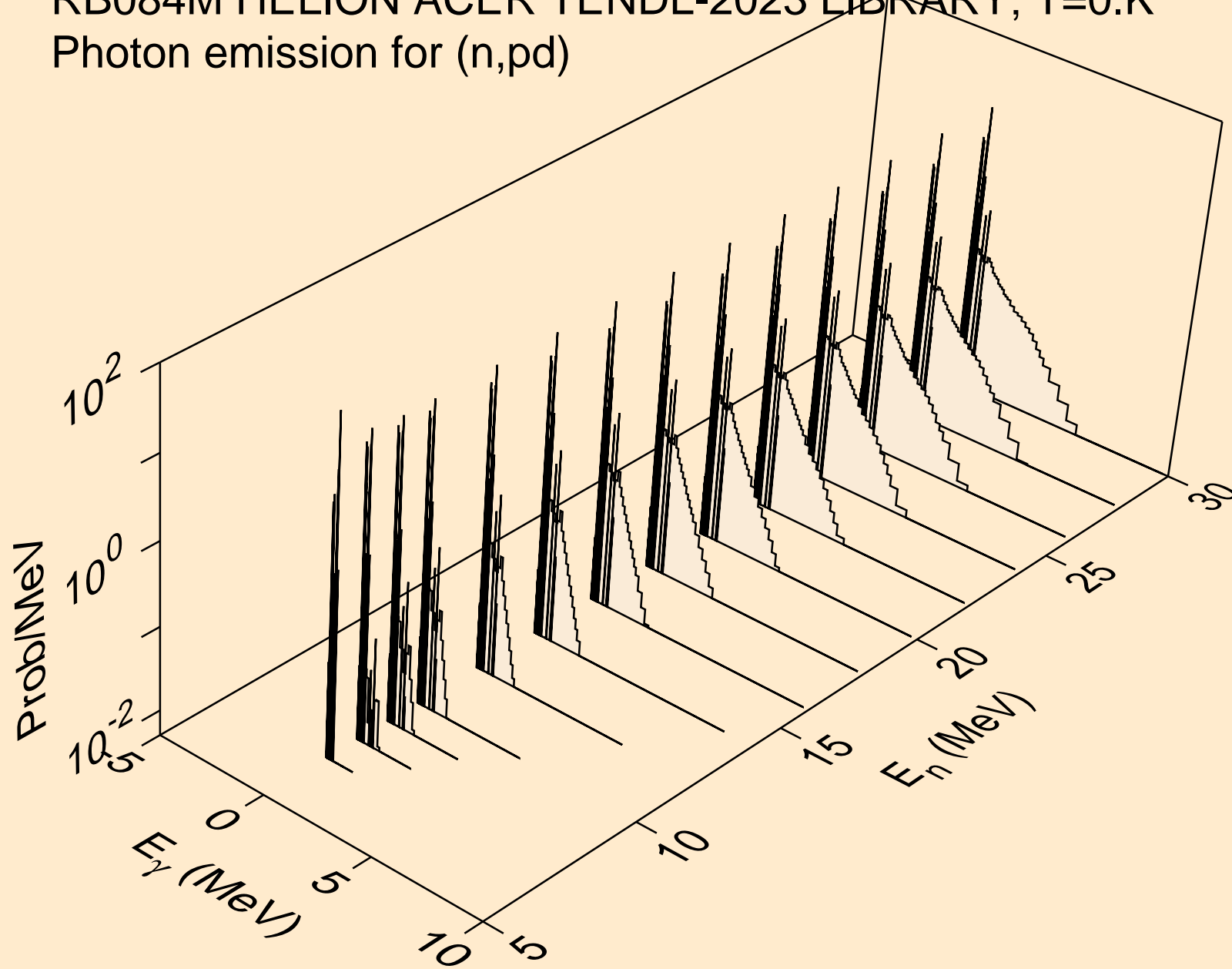
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Photon emission for (n,2p)



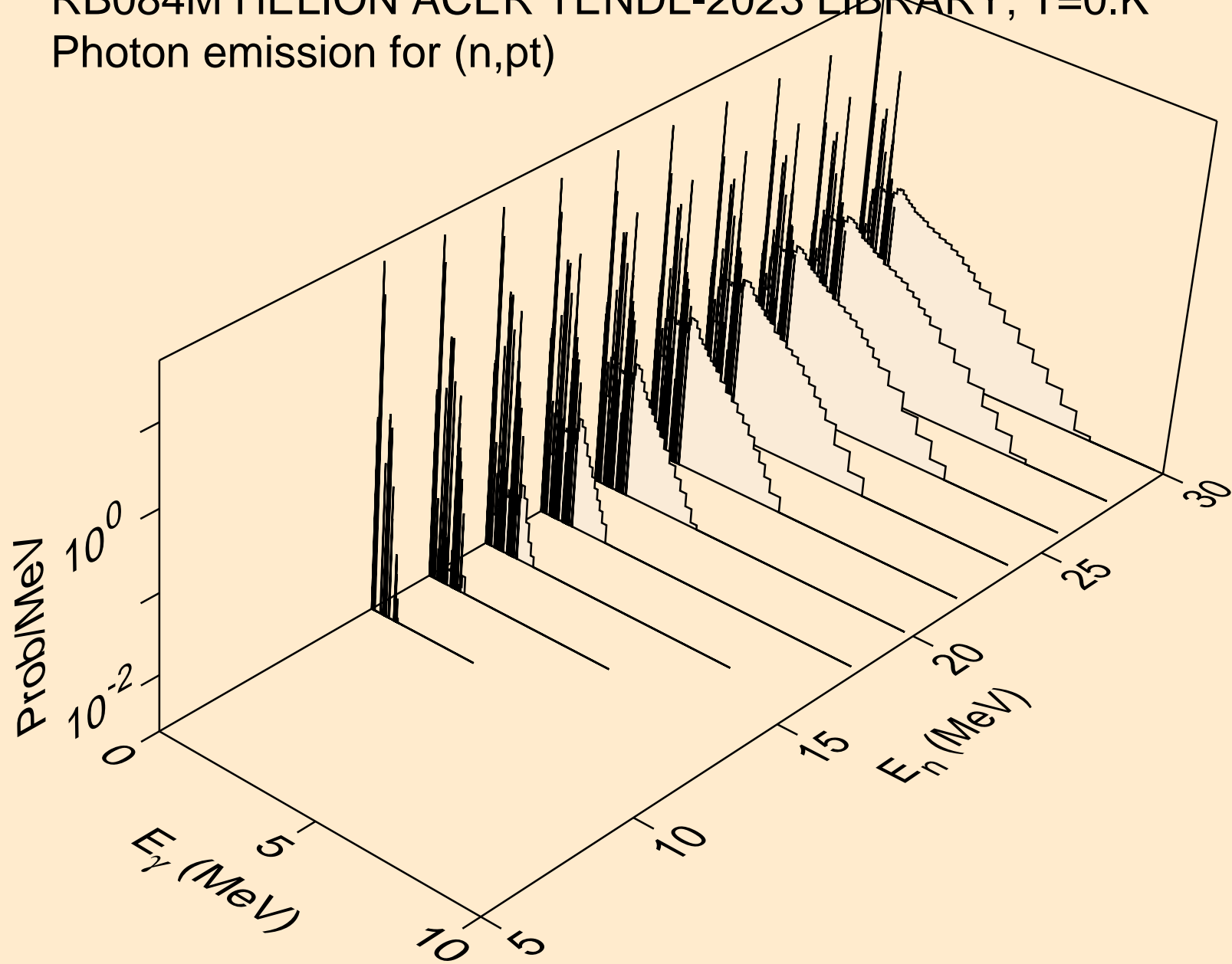
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Photon emission for (n,pa)



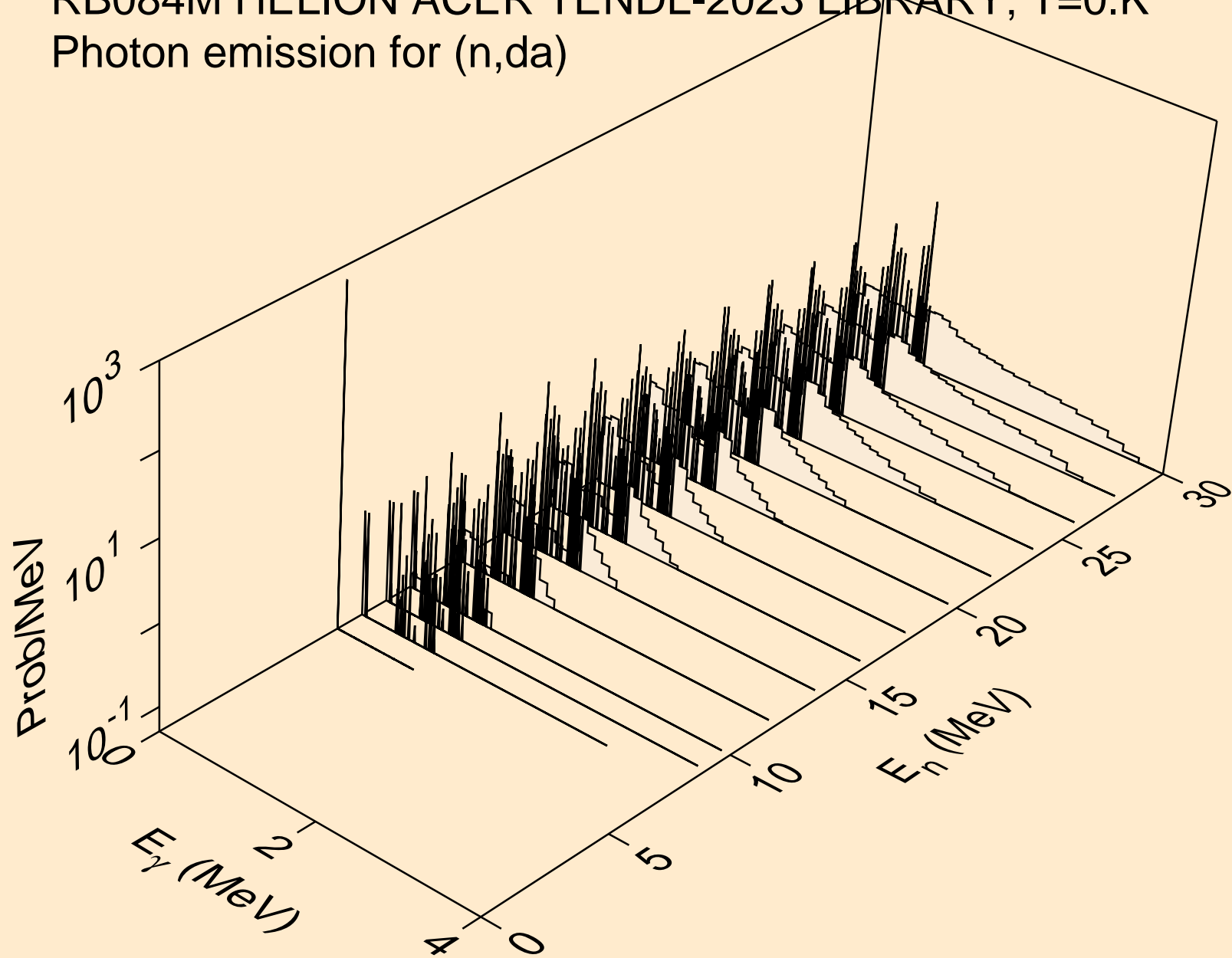
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Photon emission for (n,pd)



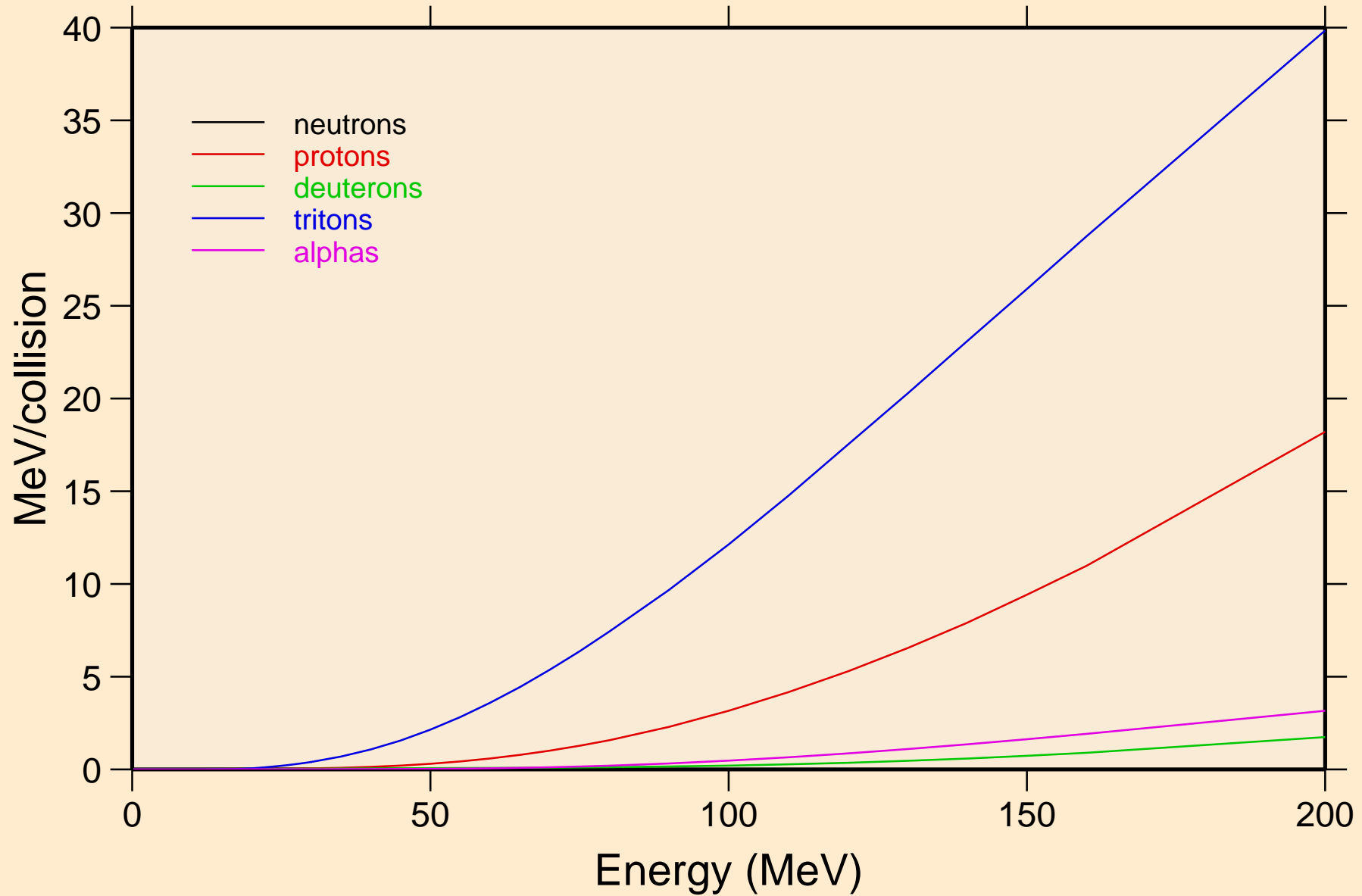
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Photon emission for (n,pt)



RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

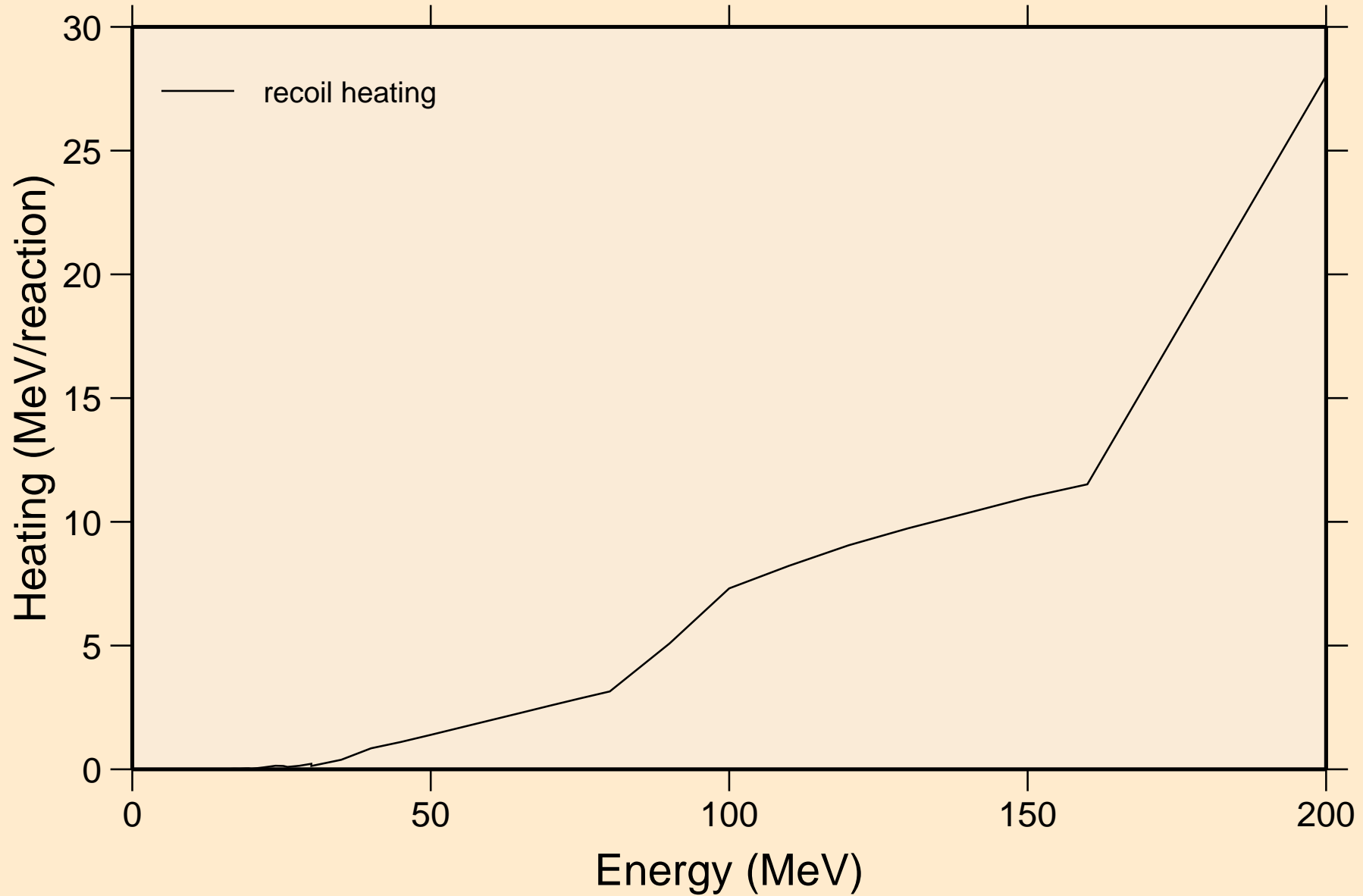


RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



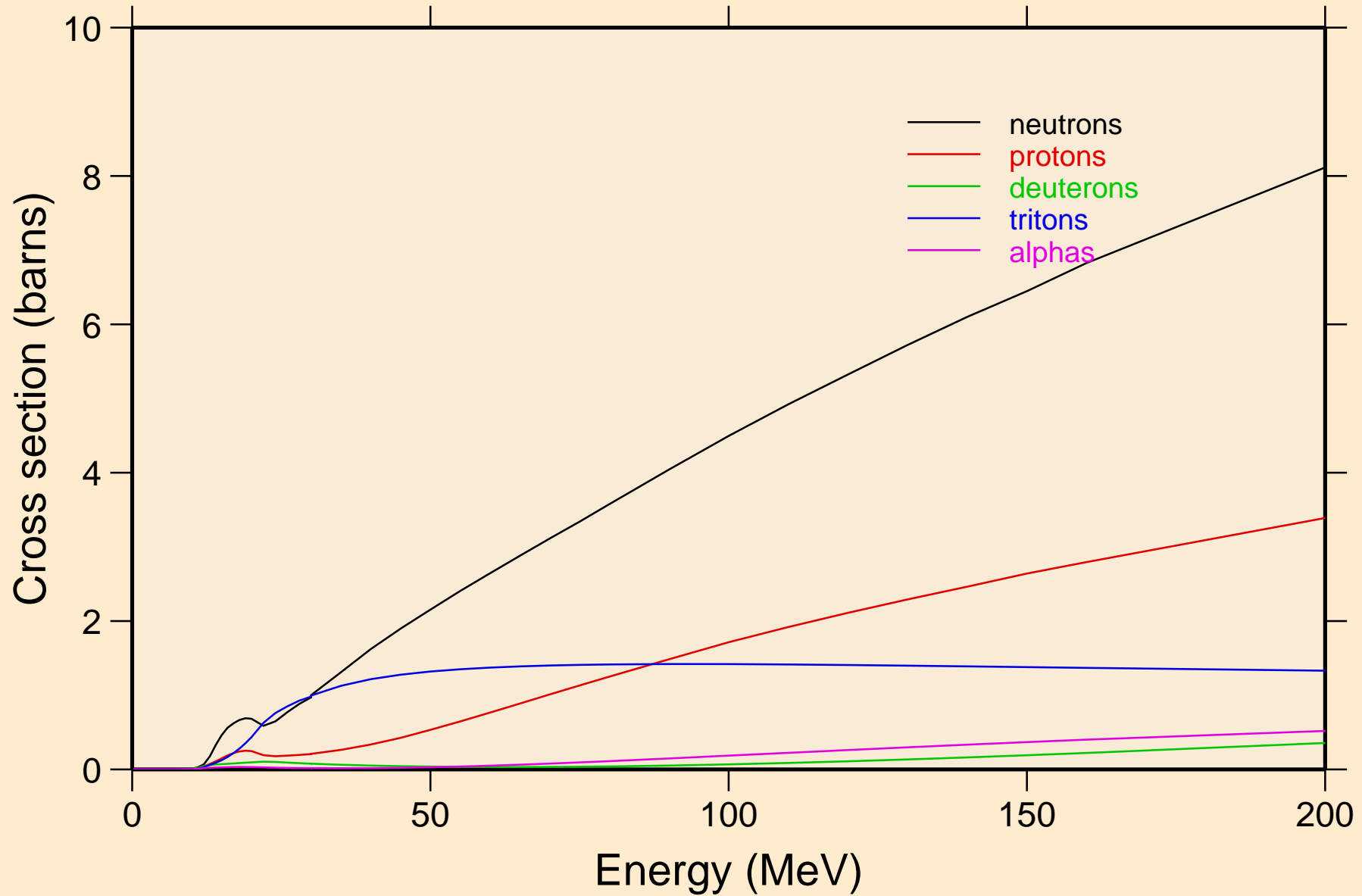
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### Recoil Heating

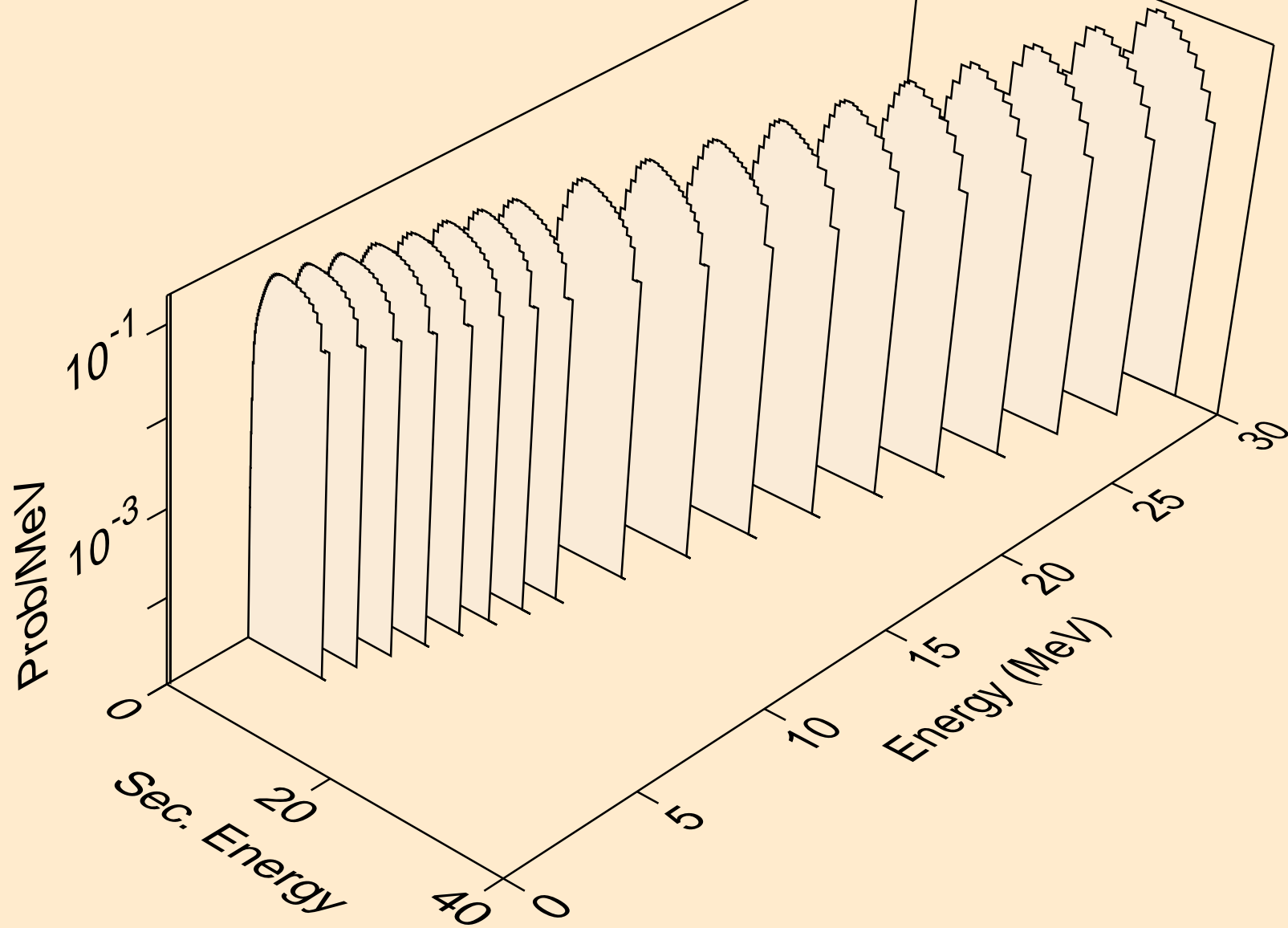




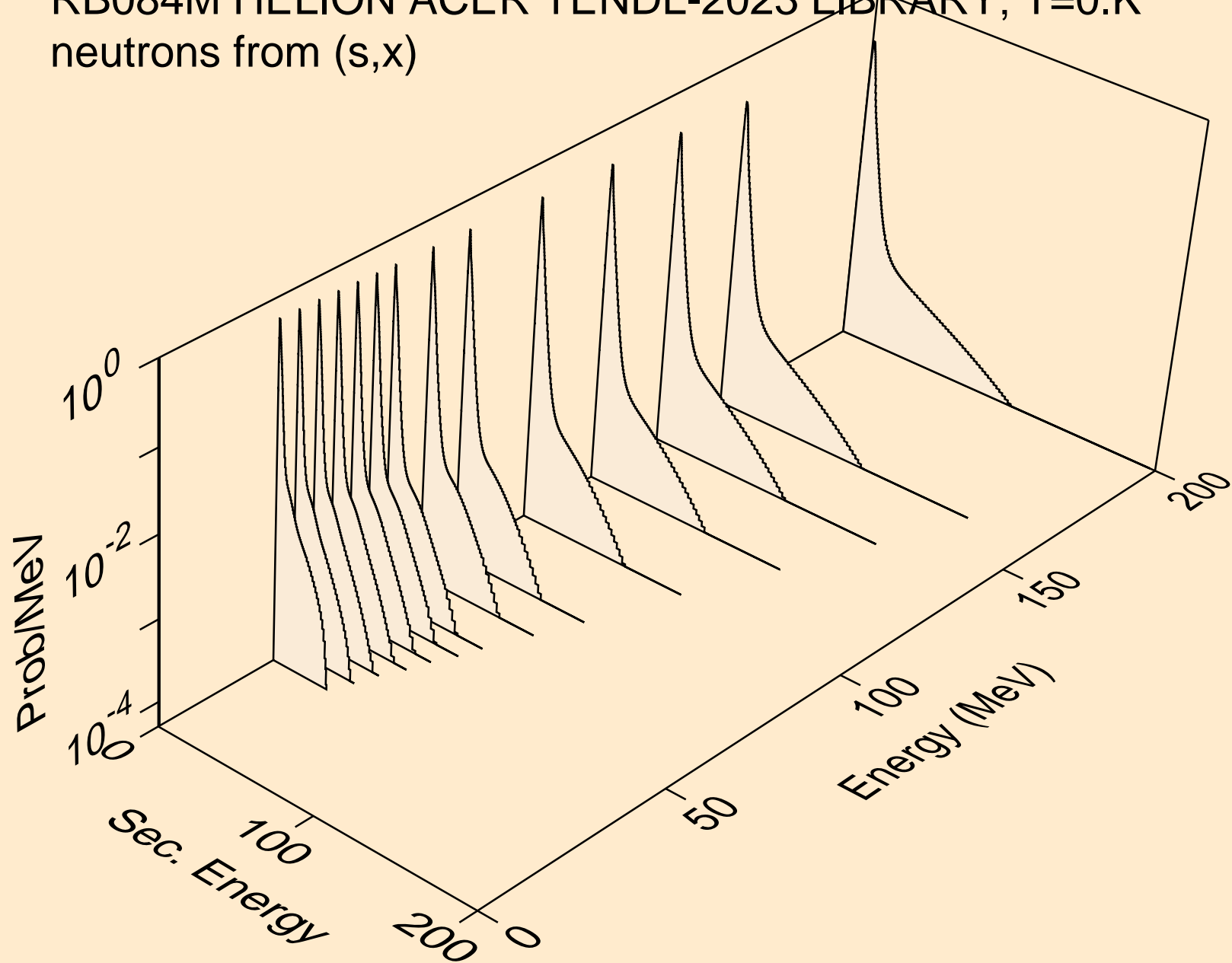
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Particle production cross sections



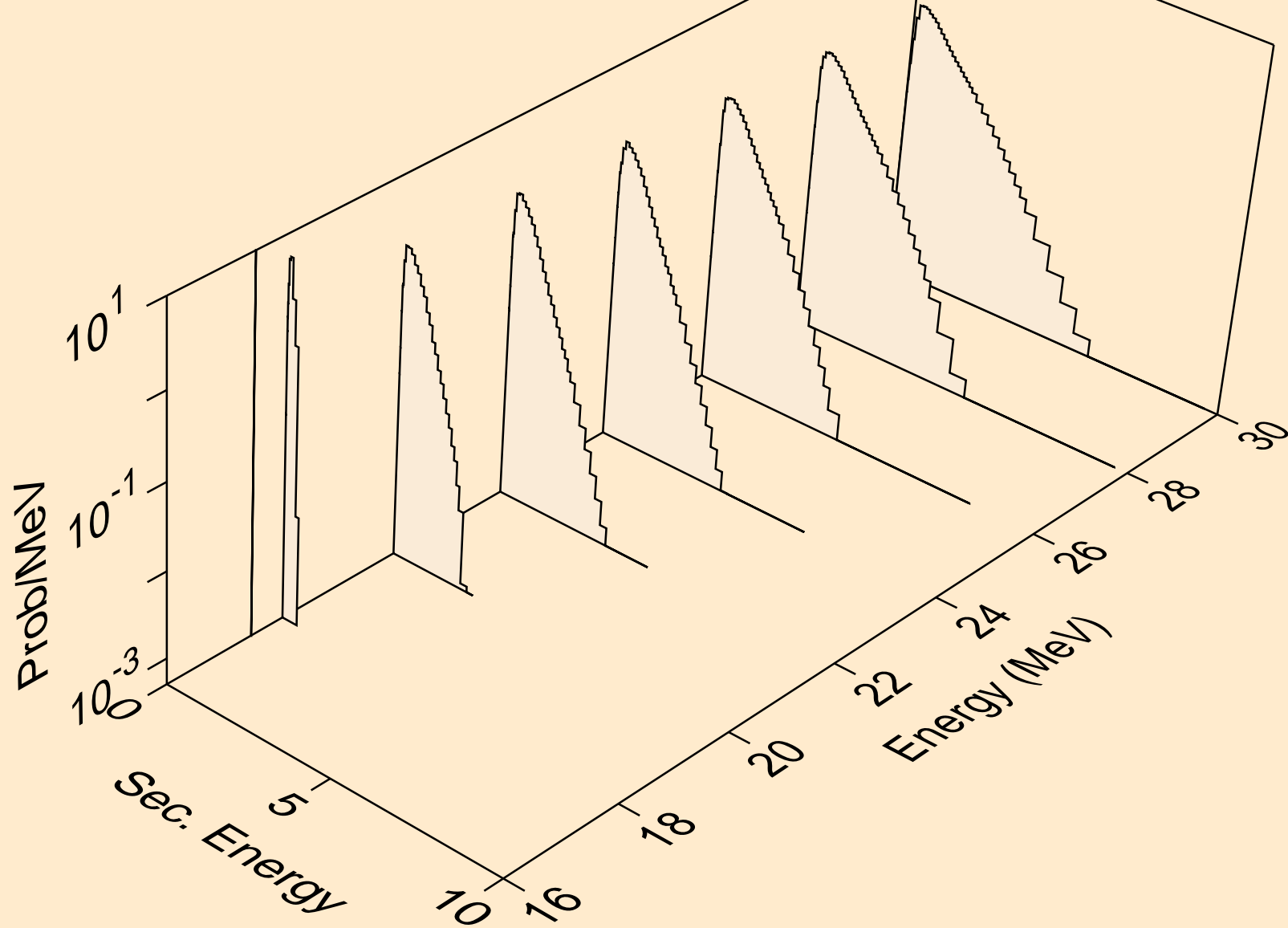
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neutrons from (s,n)



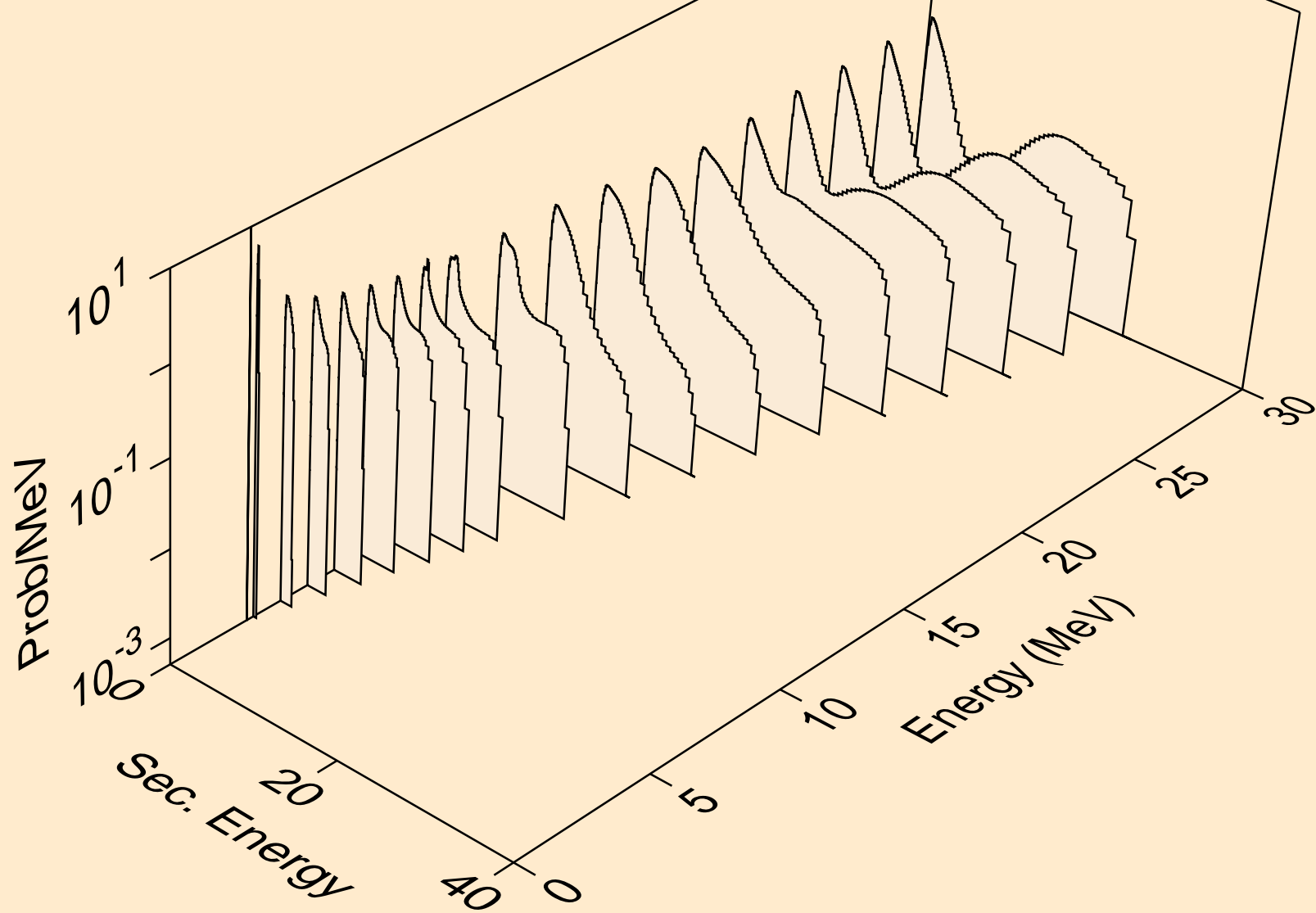
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neutrons from (s,x)



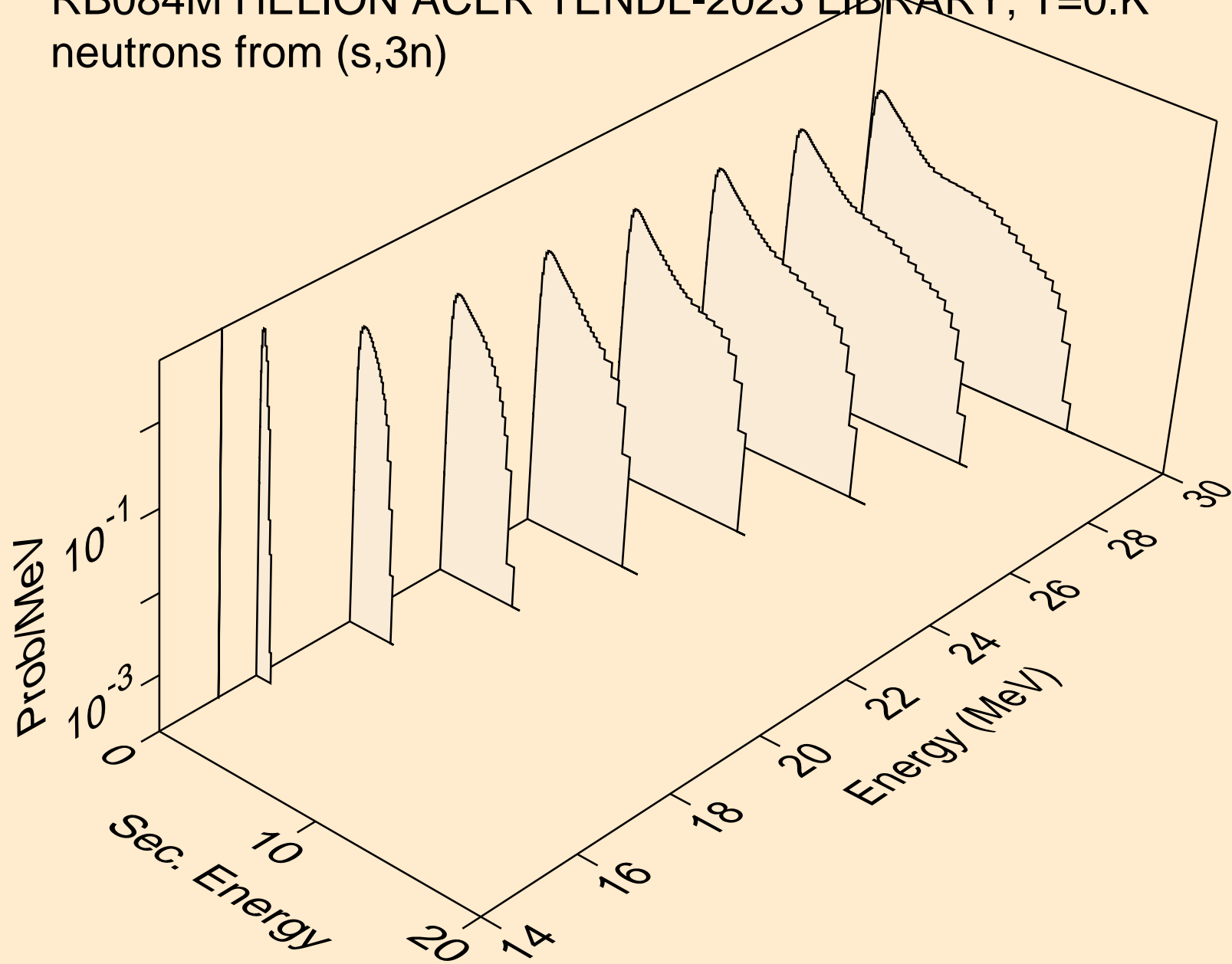
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neutrons from (s,2nd)



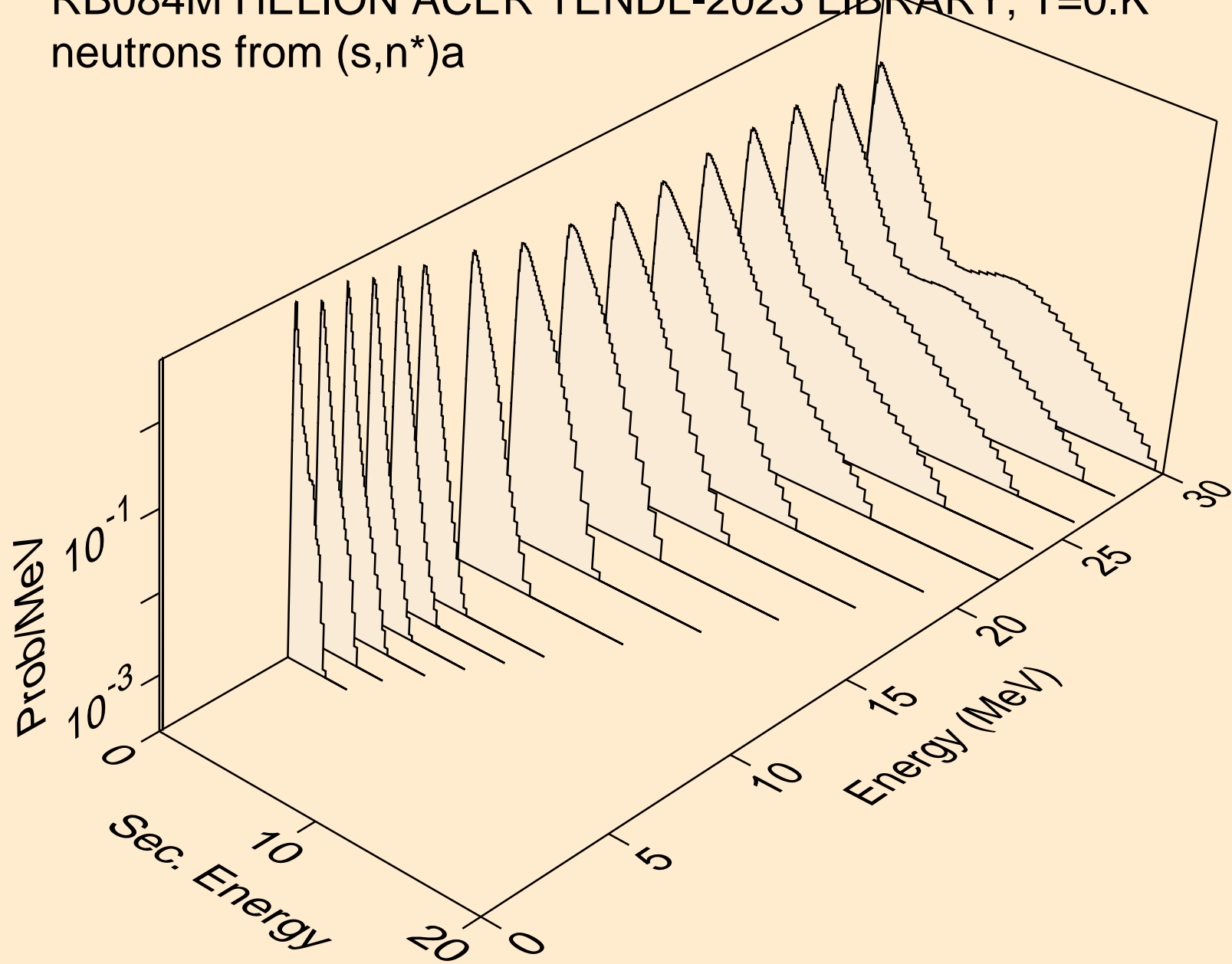
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neutrons from (s,2n)



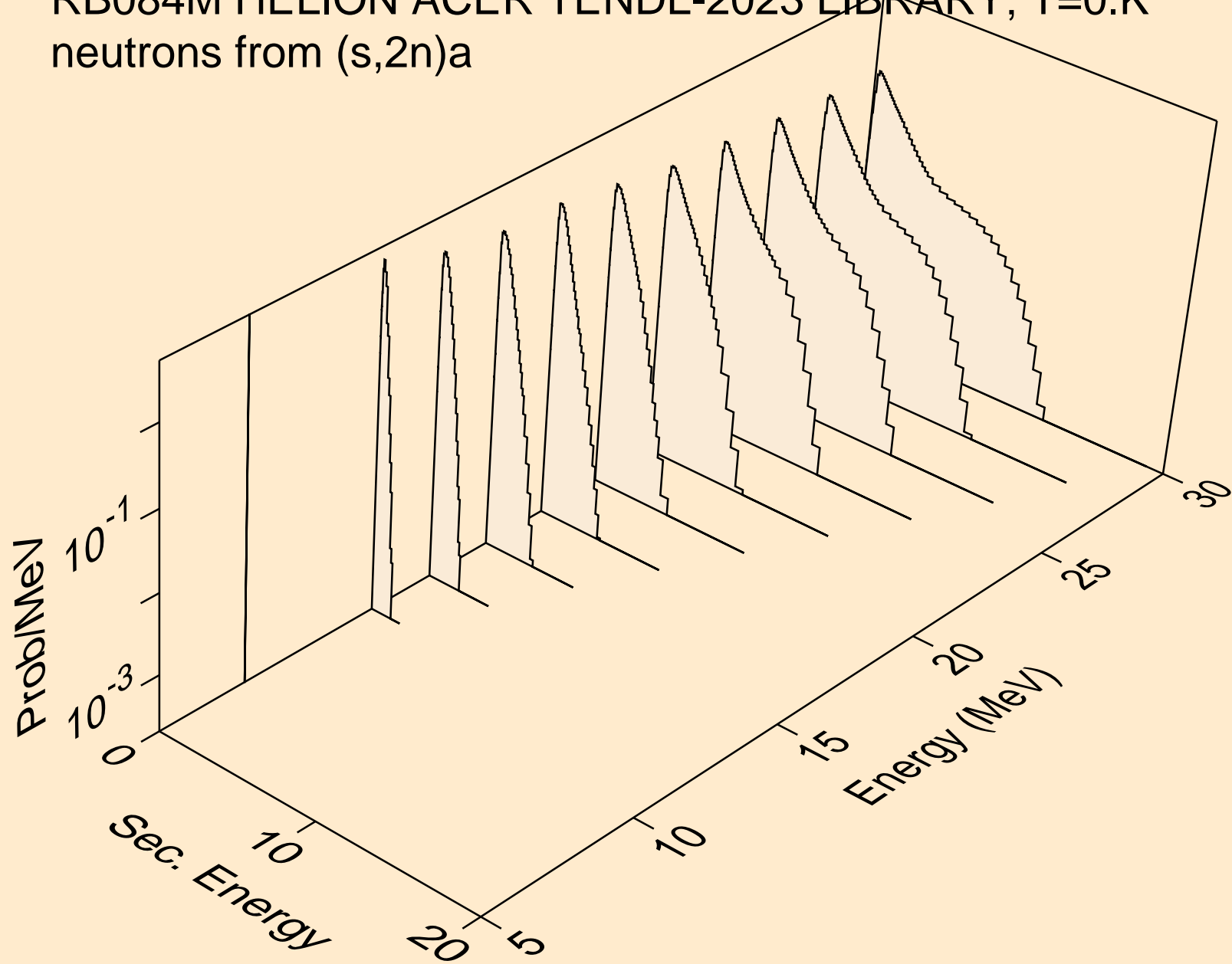
RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

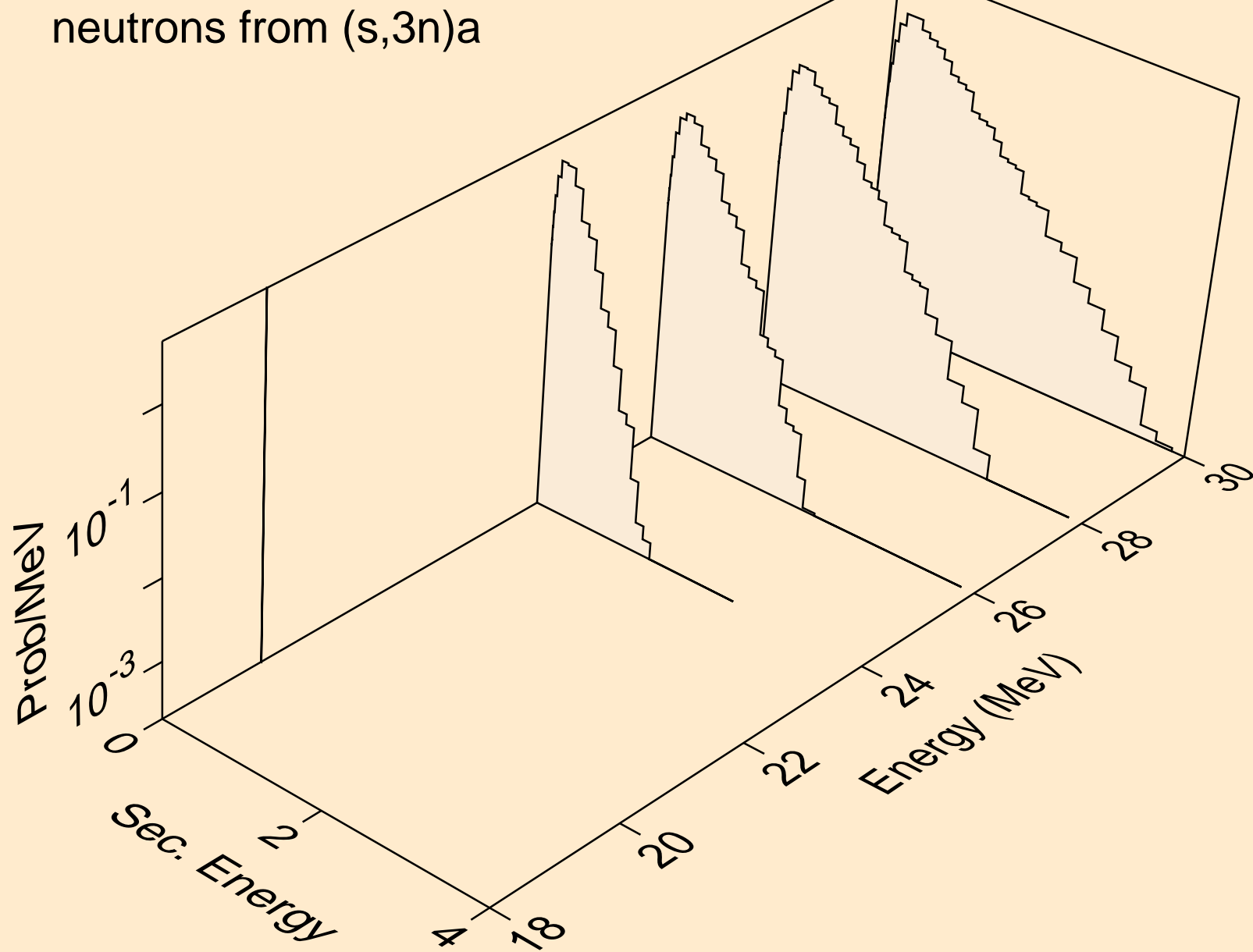


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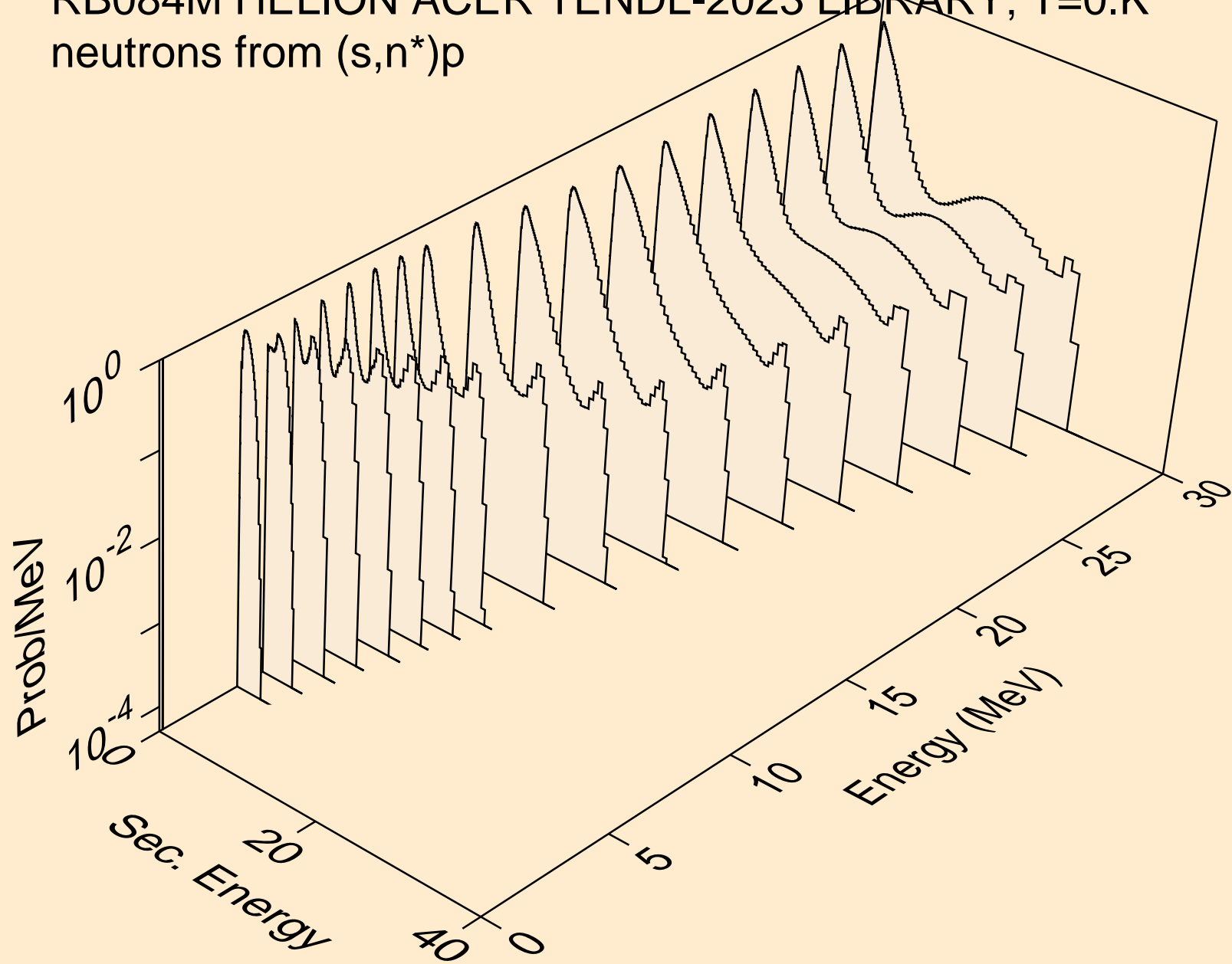




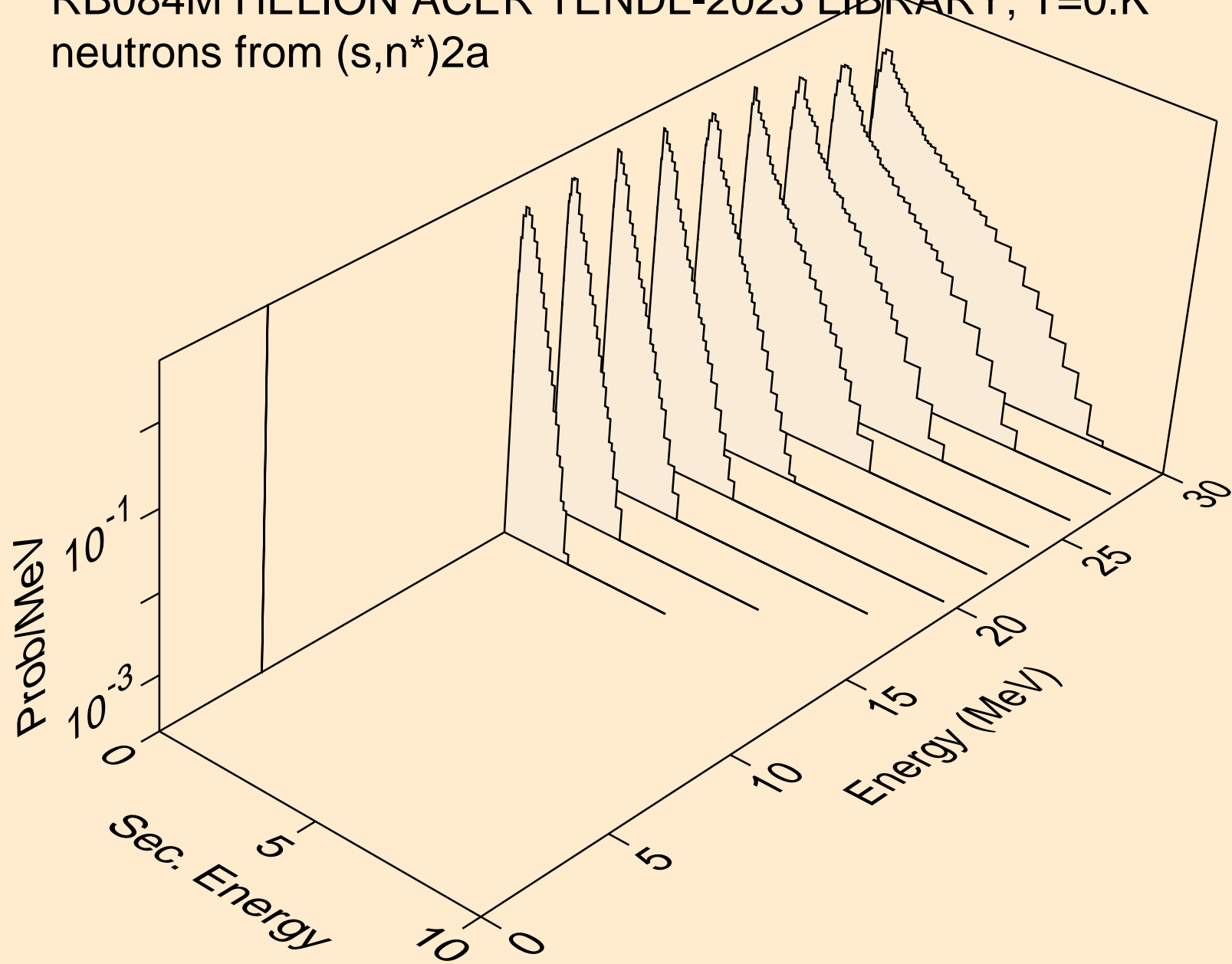
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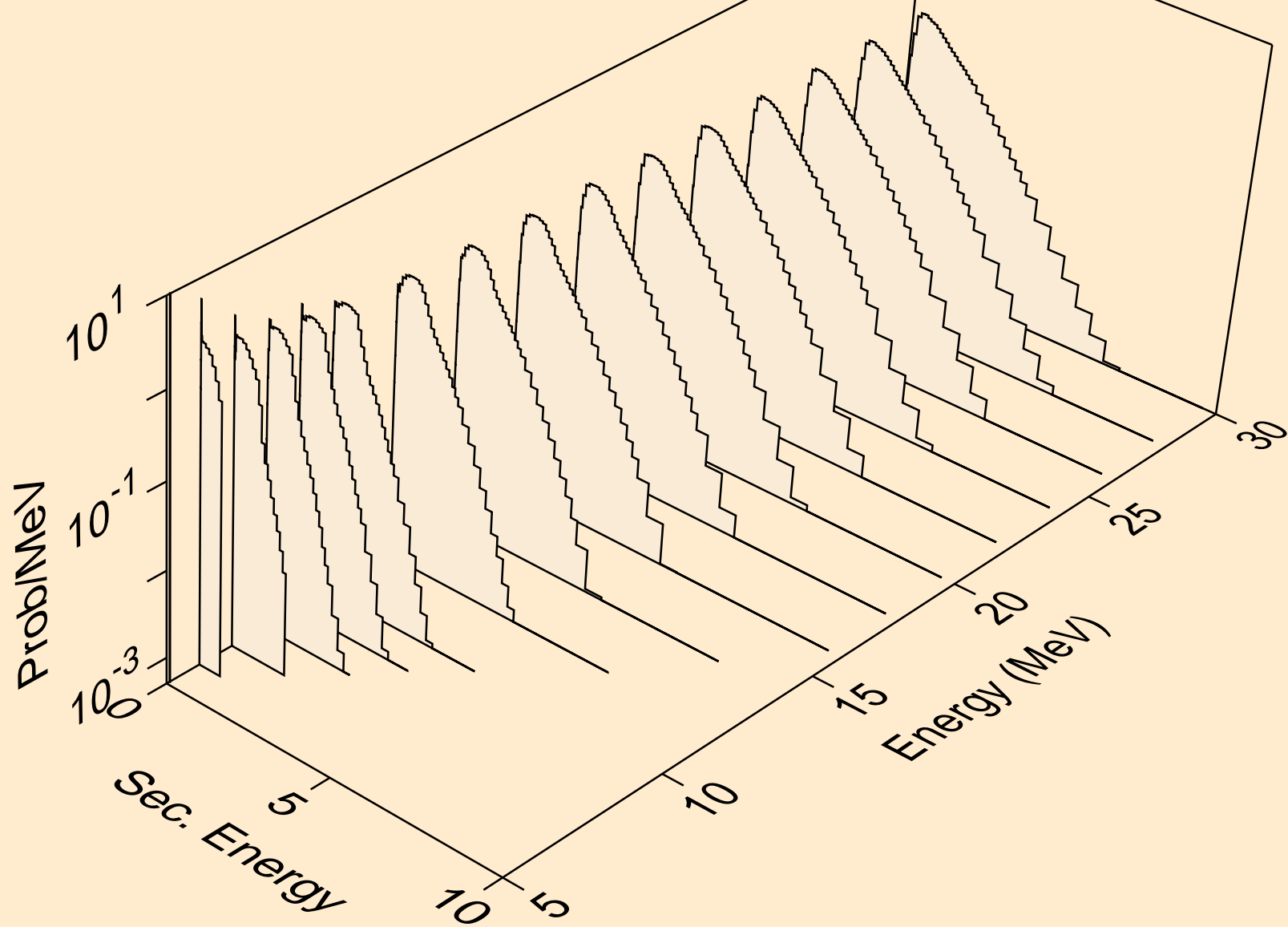
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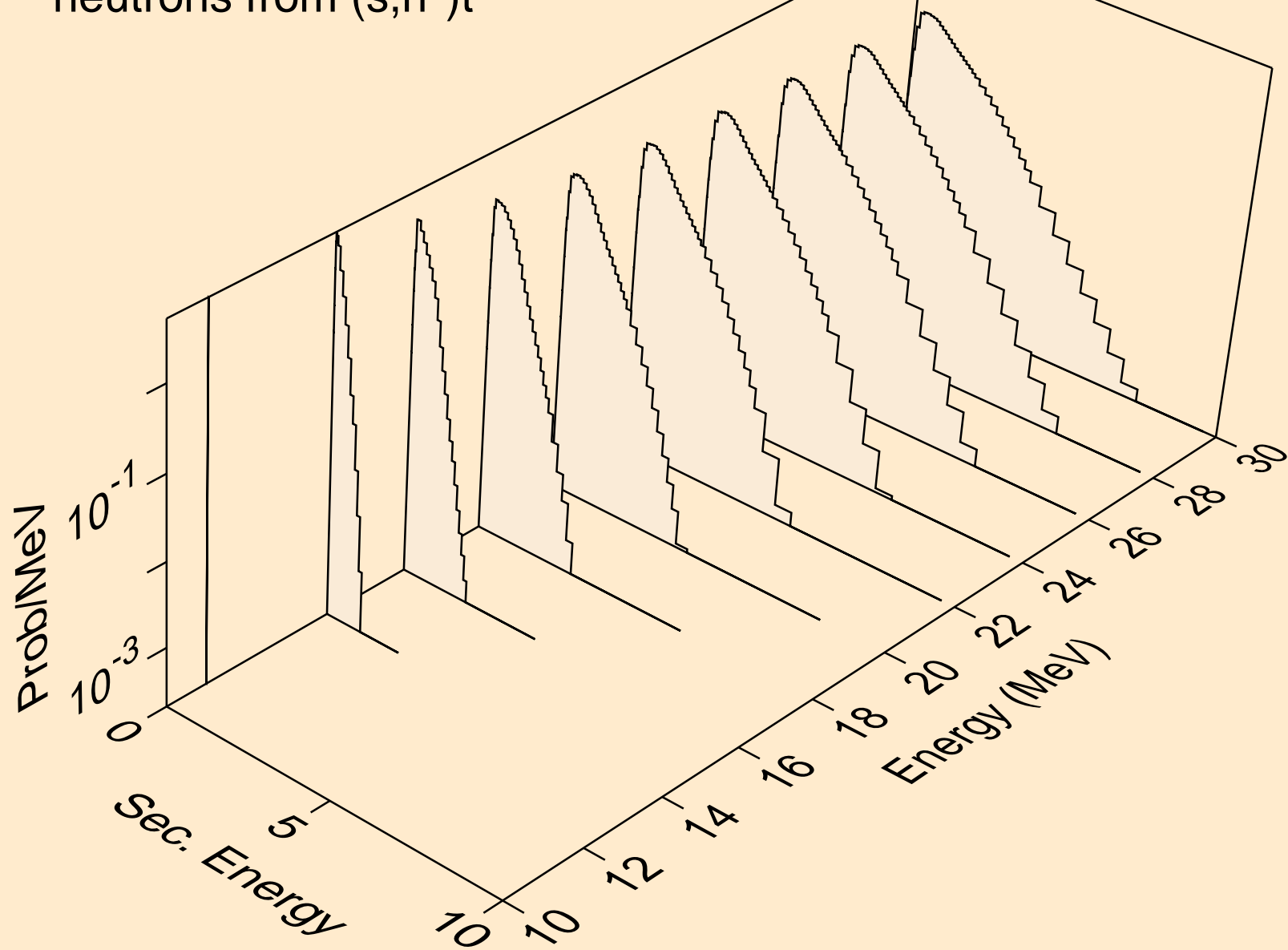
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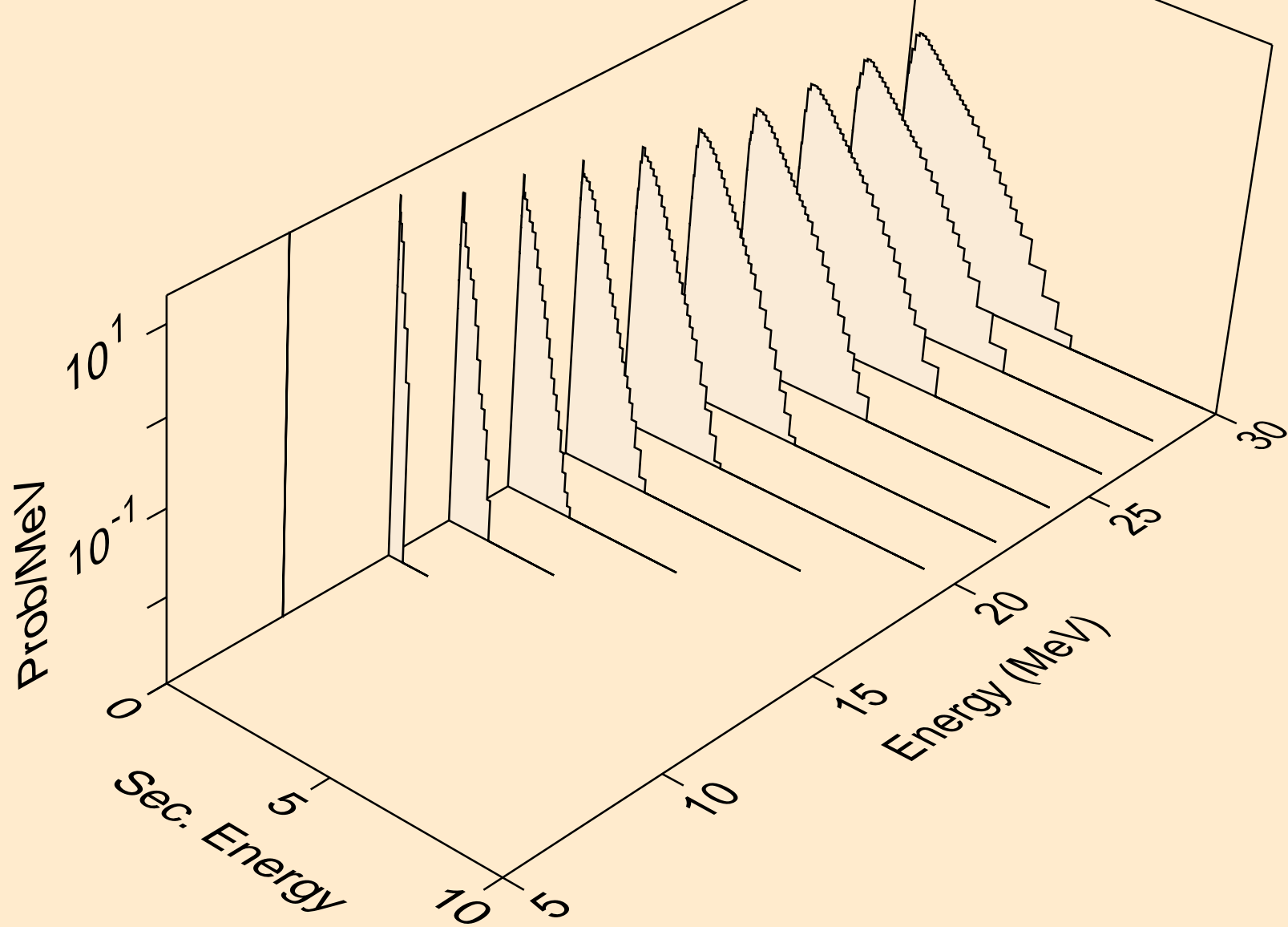
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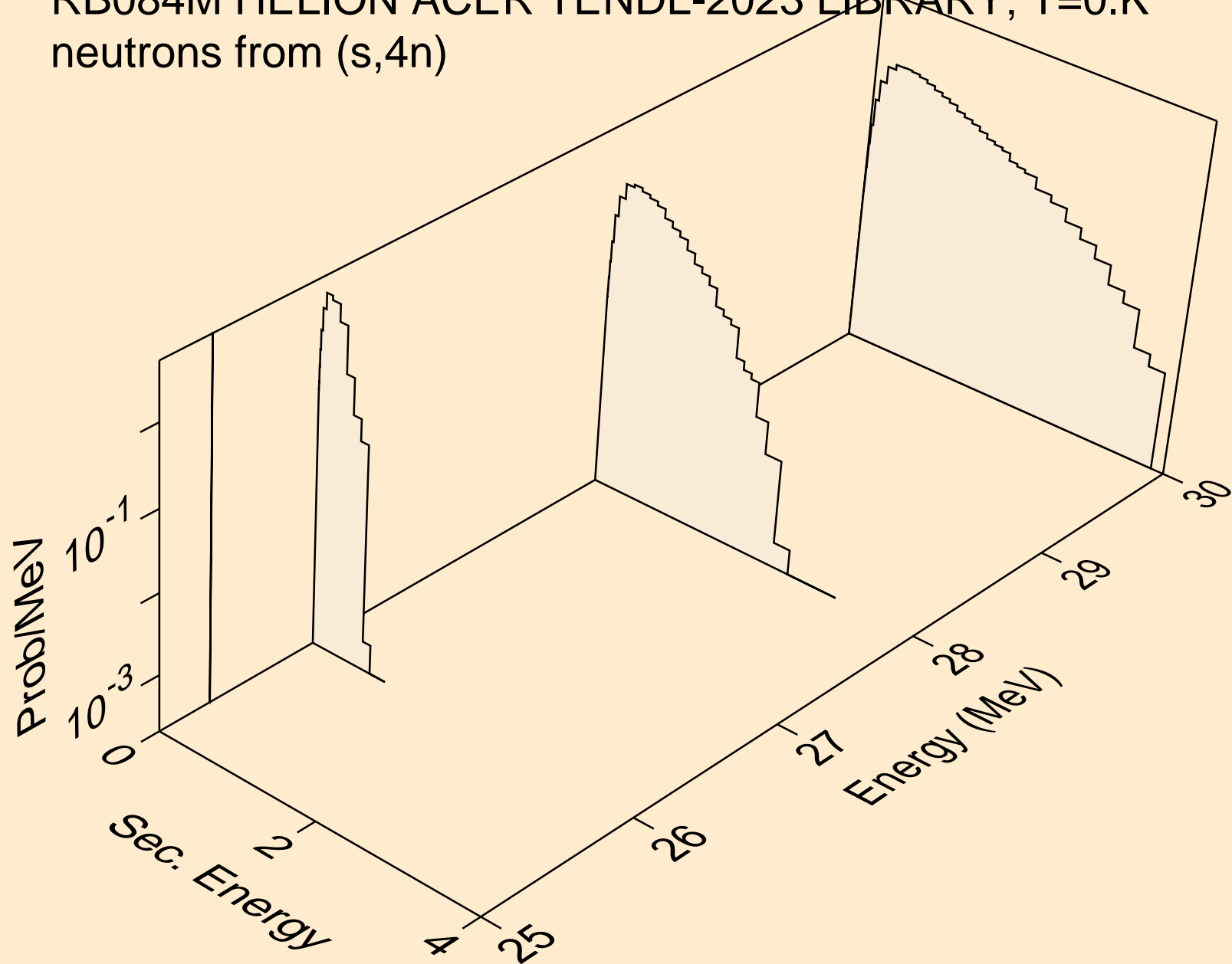
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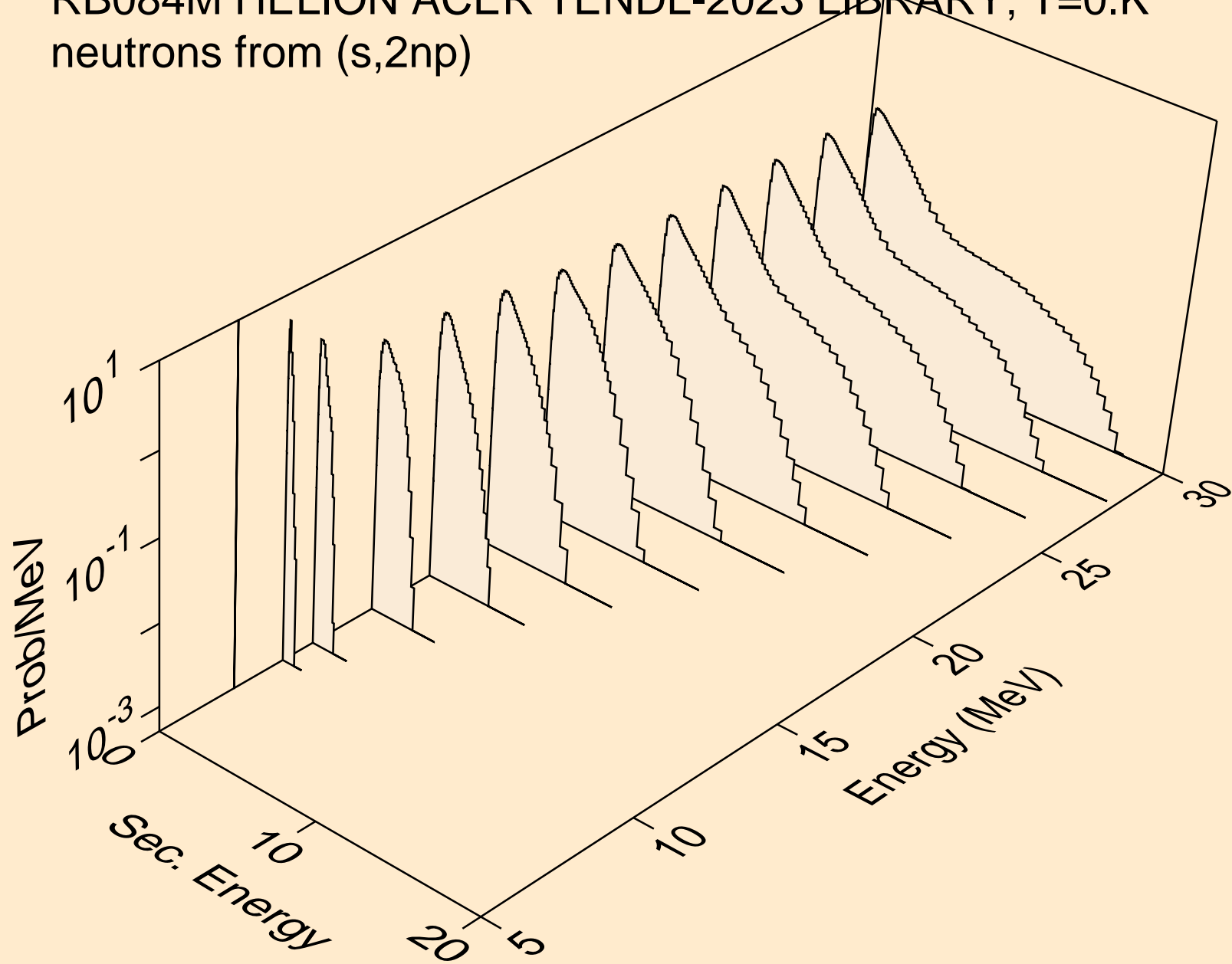
RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)

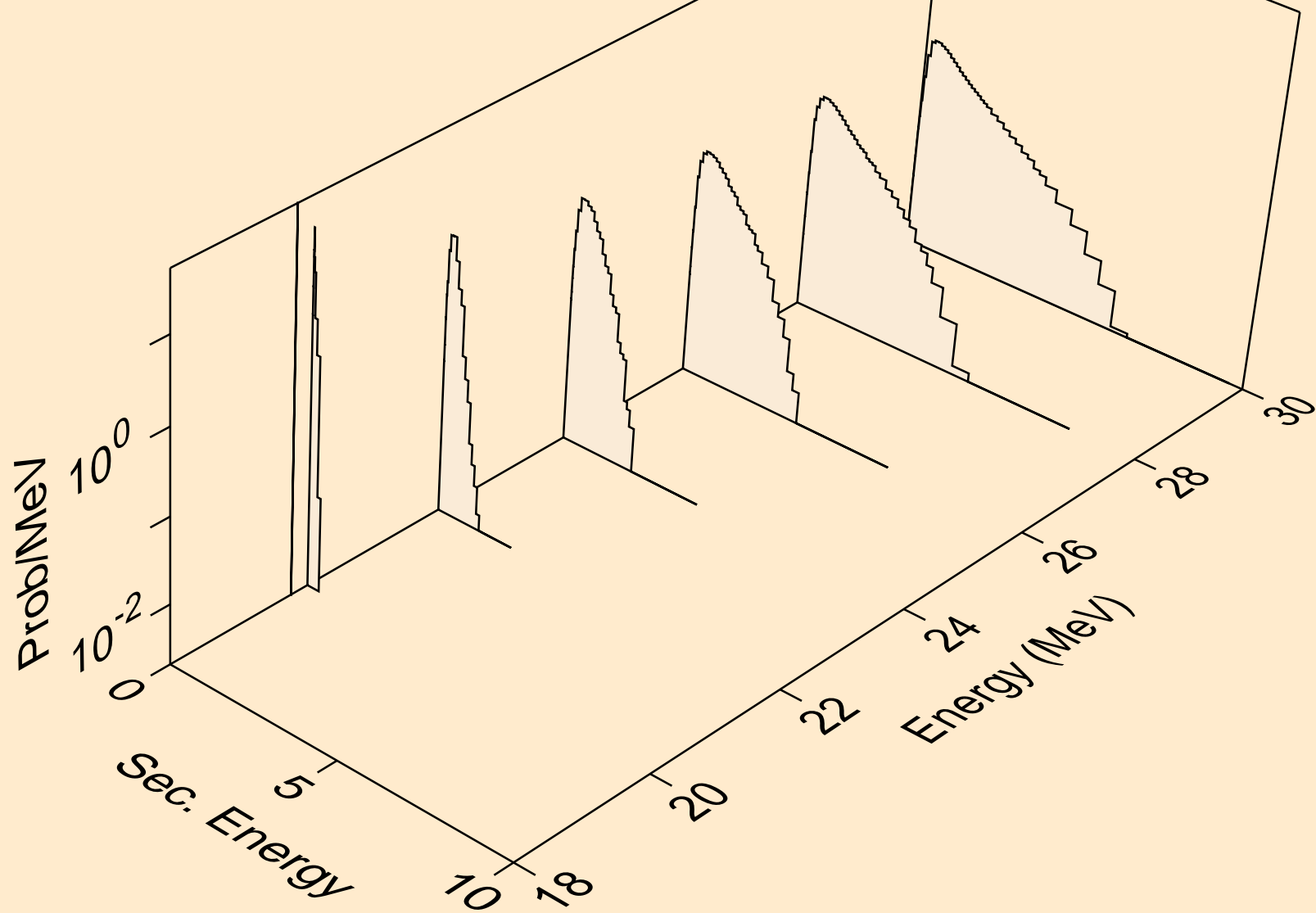


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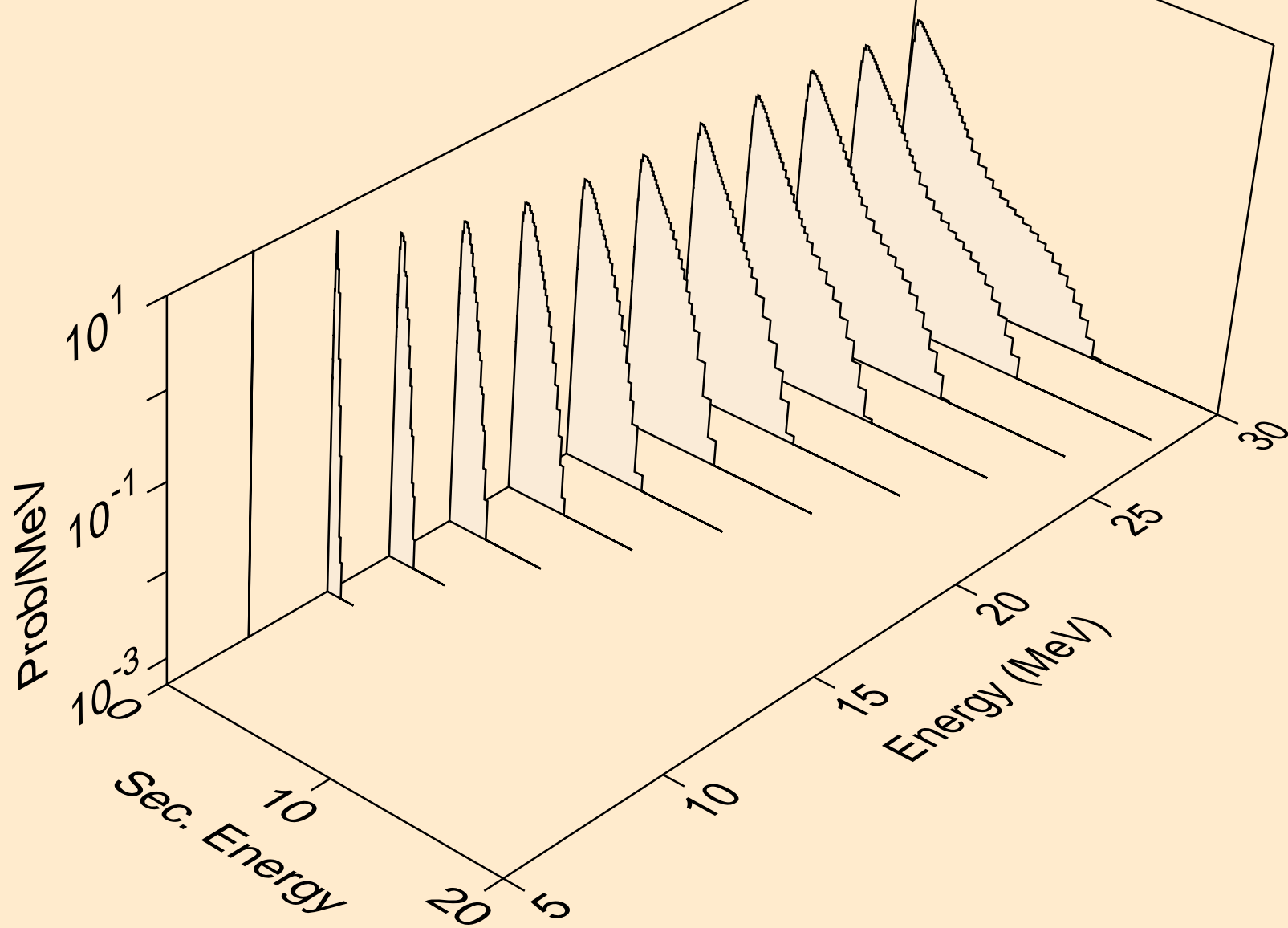




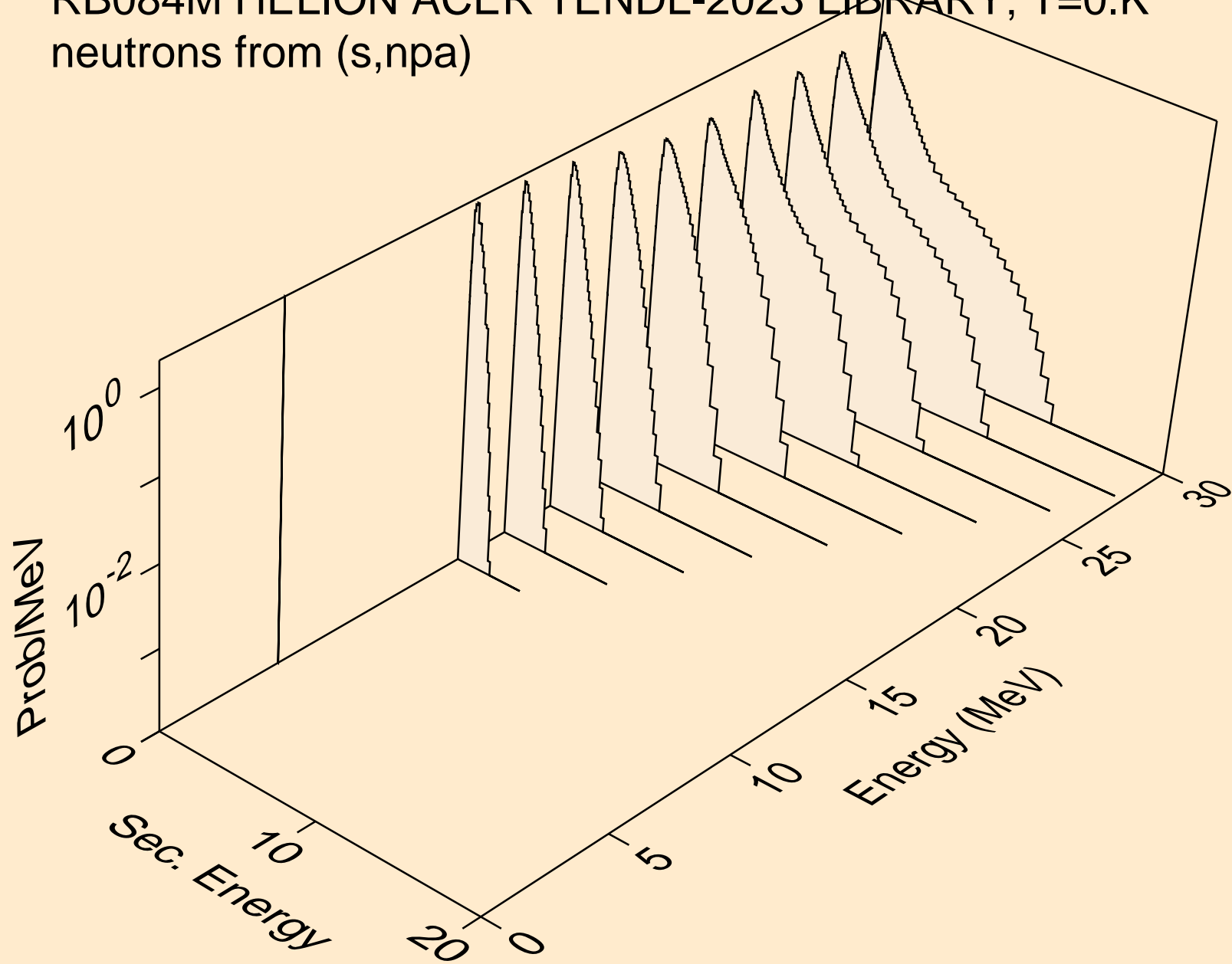
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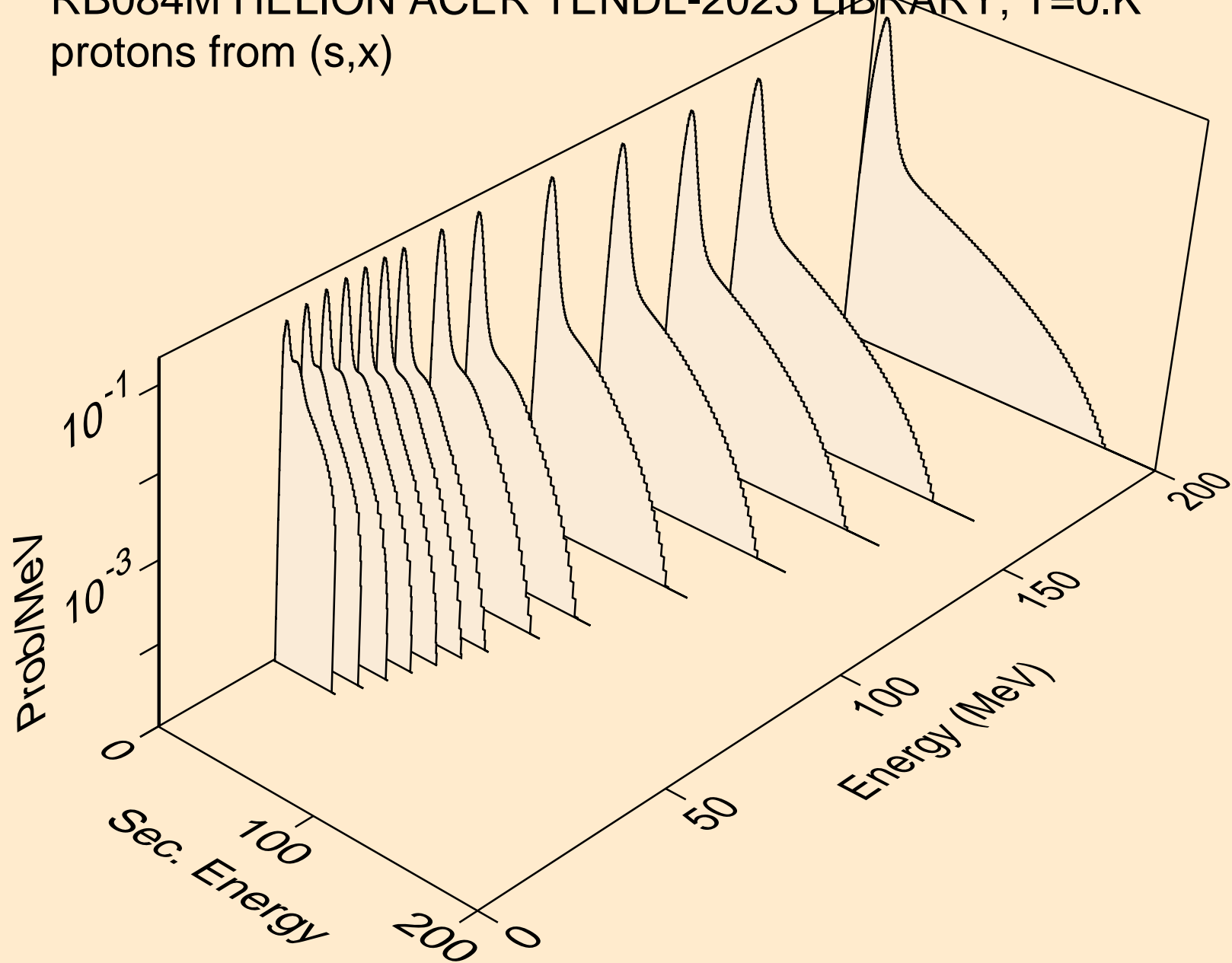
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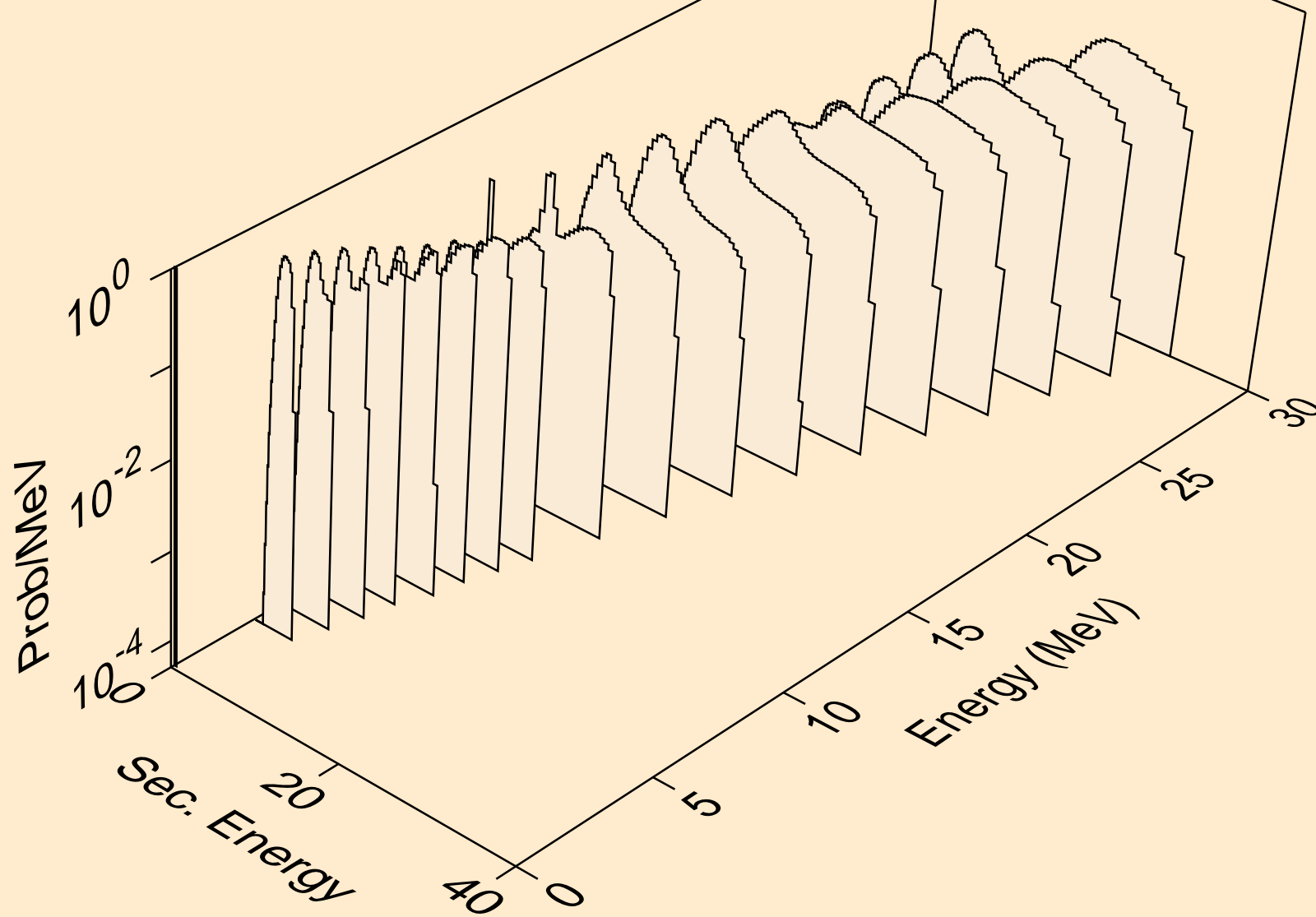
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neutrons from (s,npa)



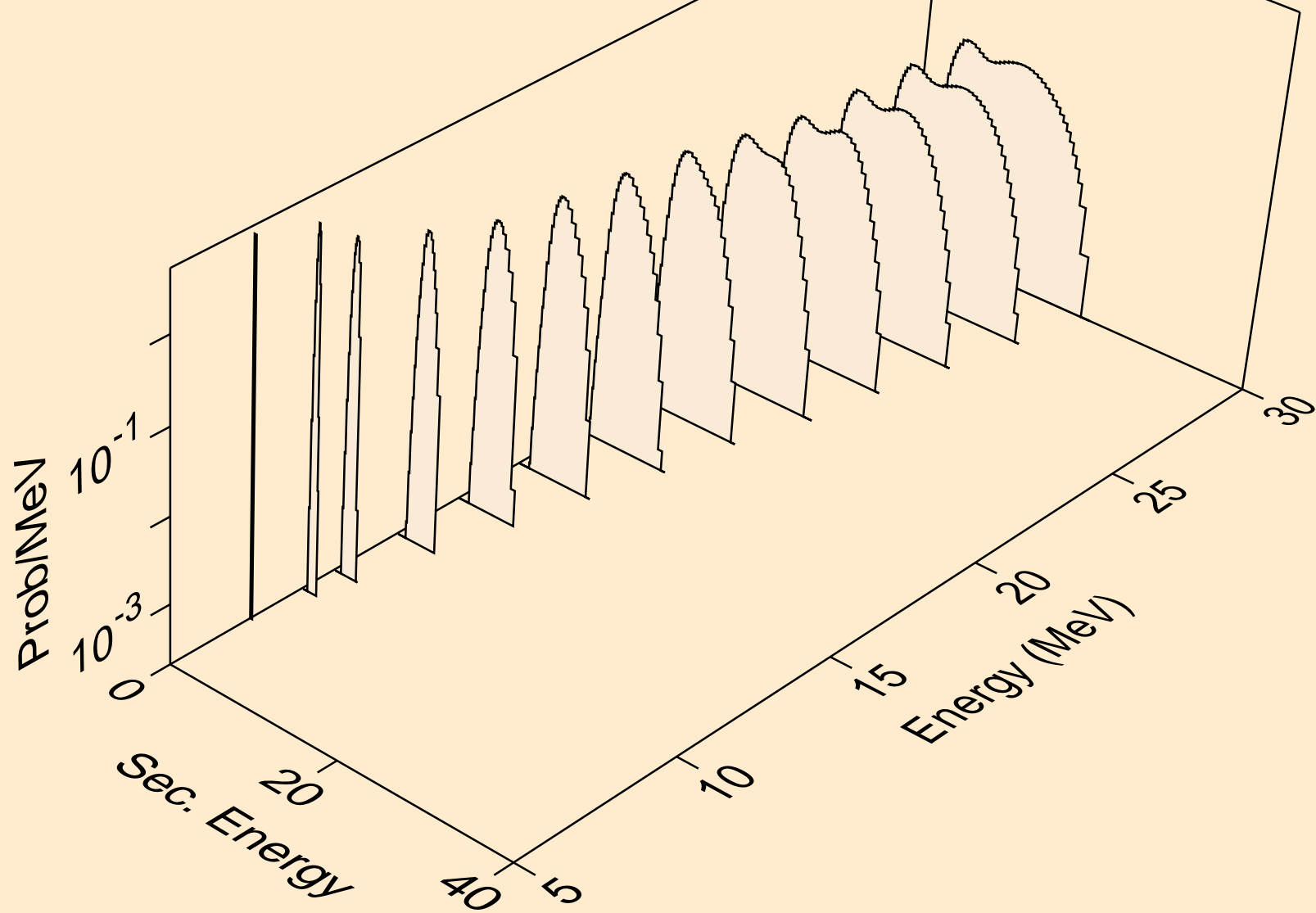
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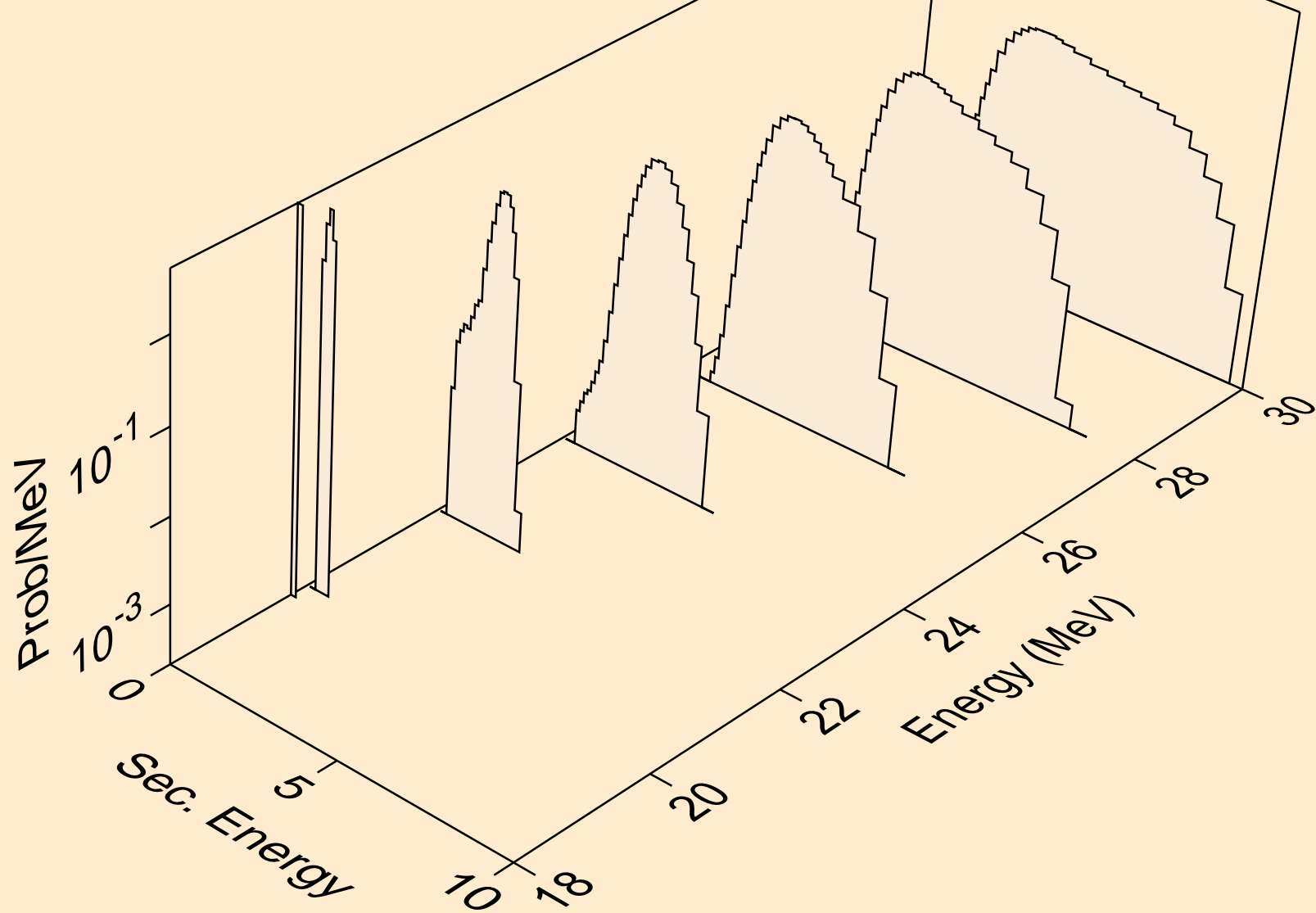
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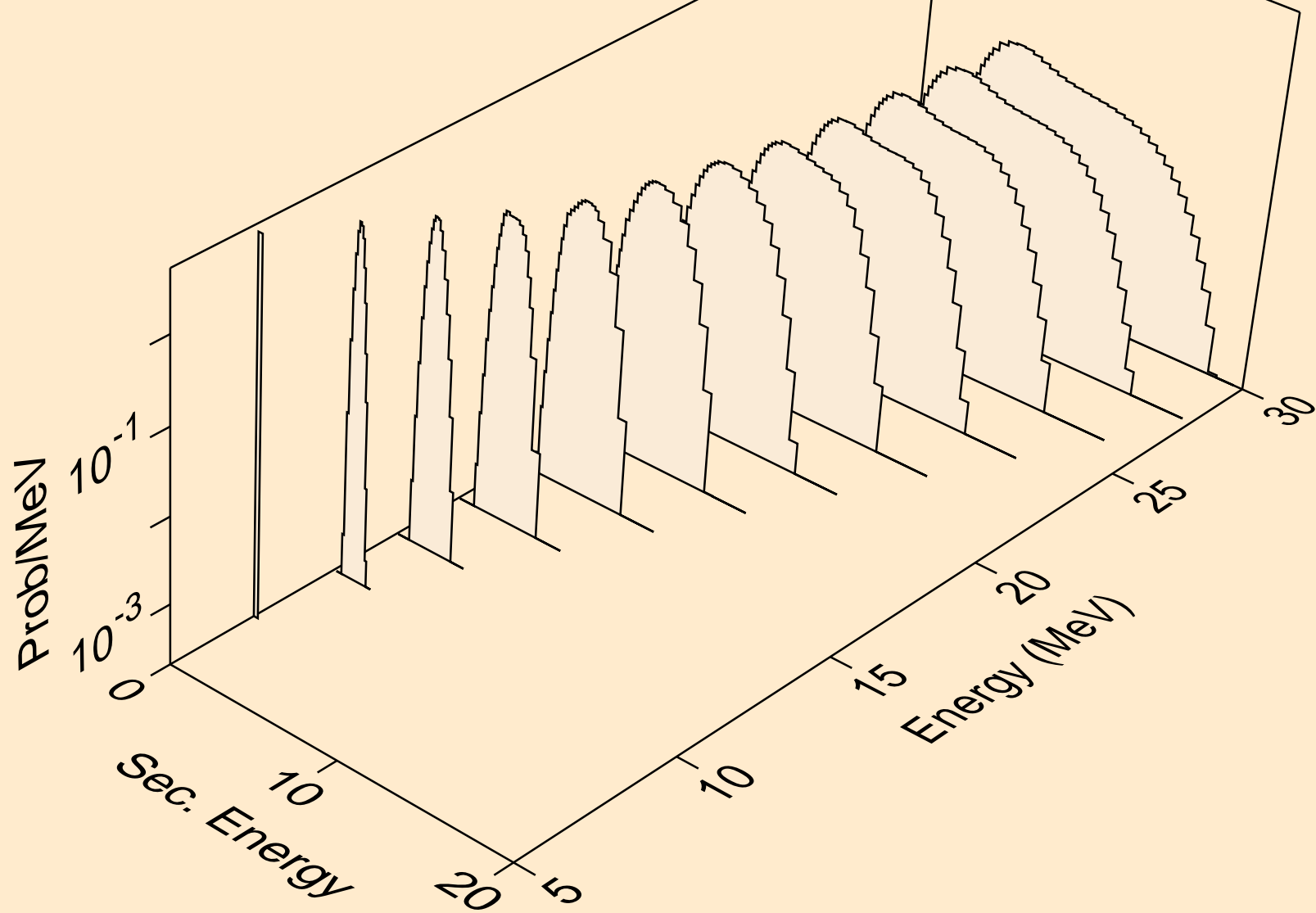
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protons from (s,2np)



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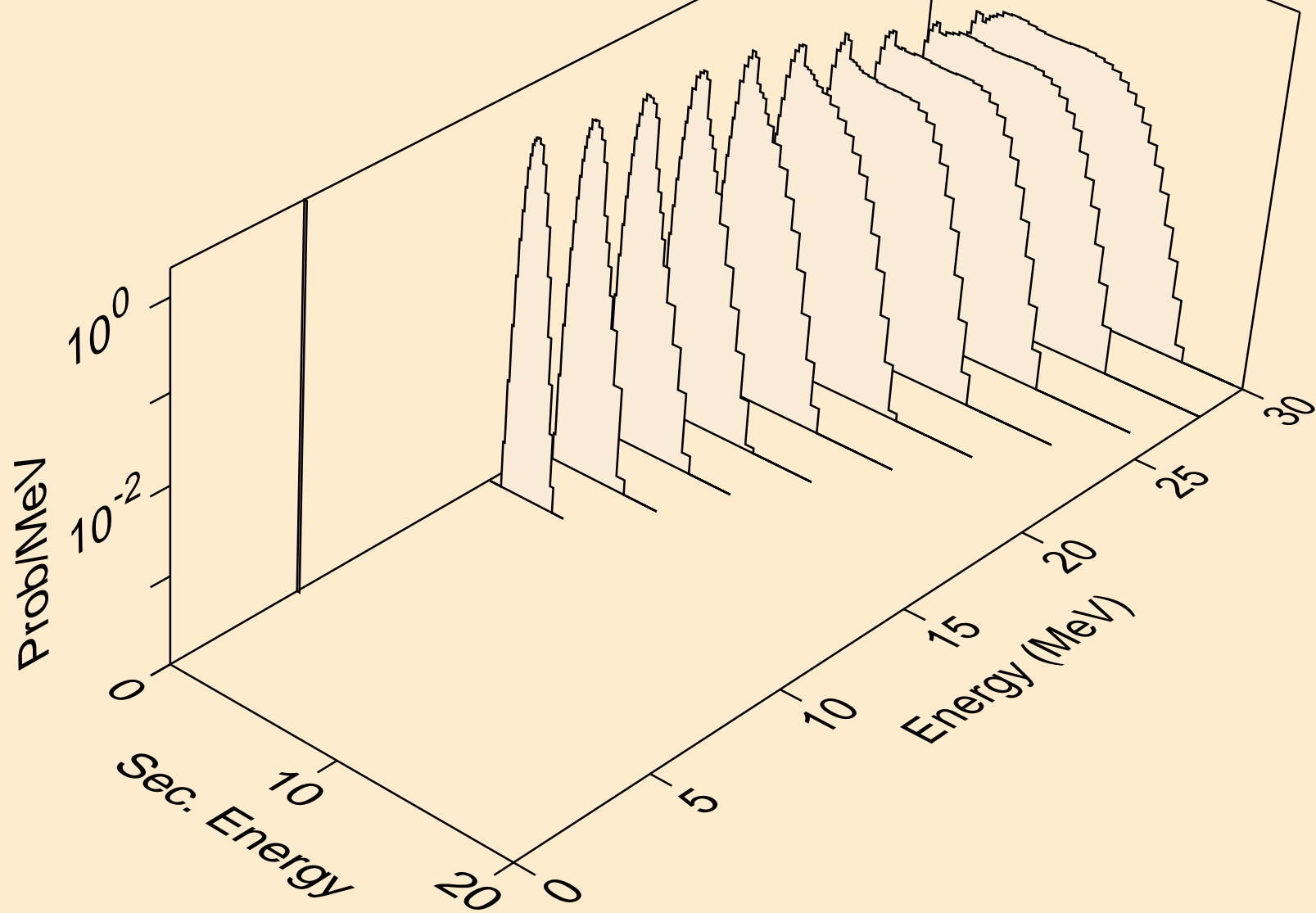


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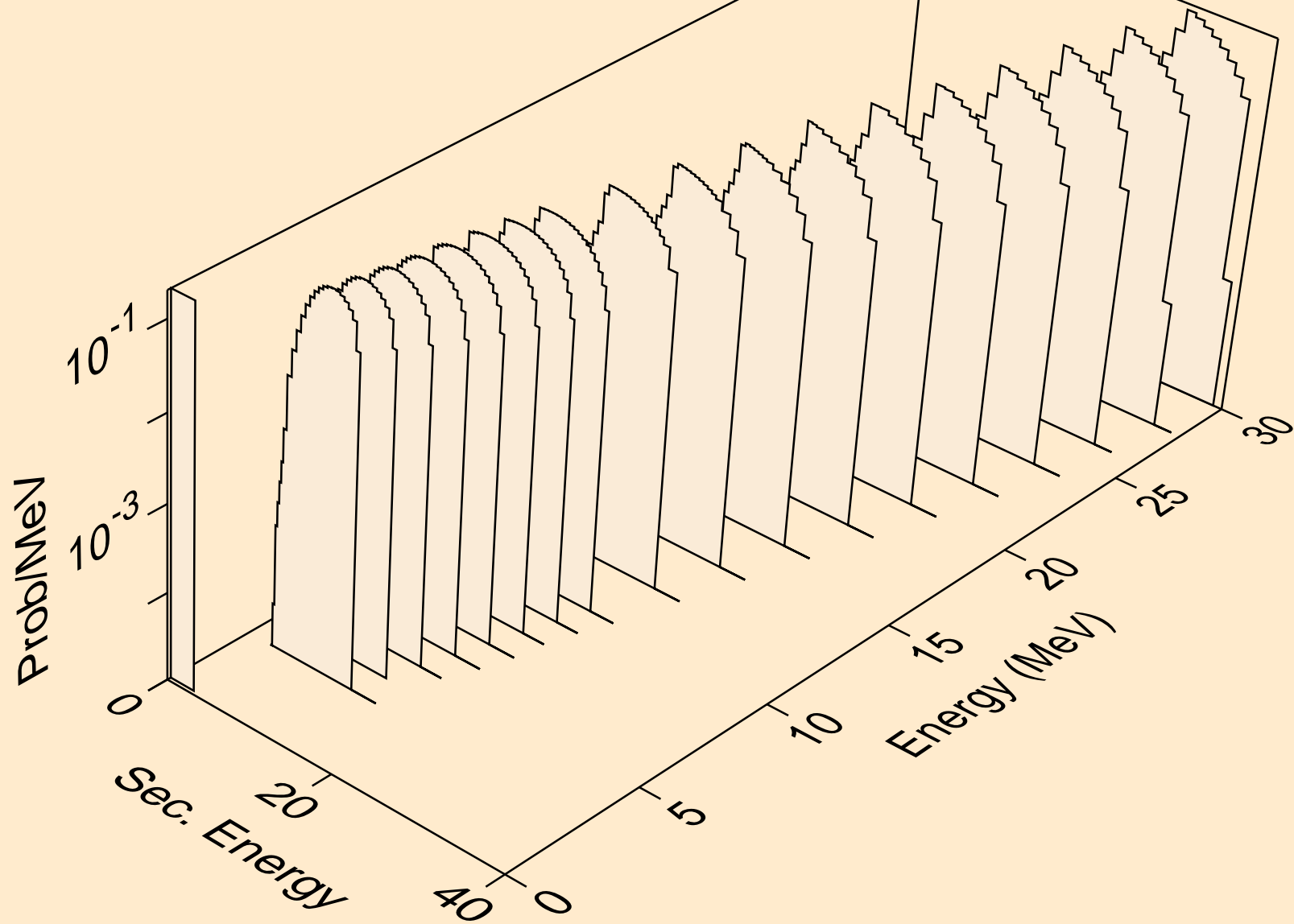




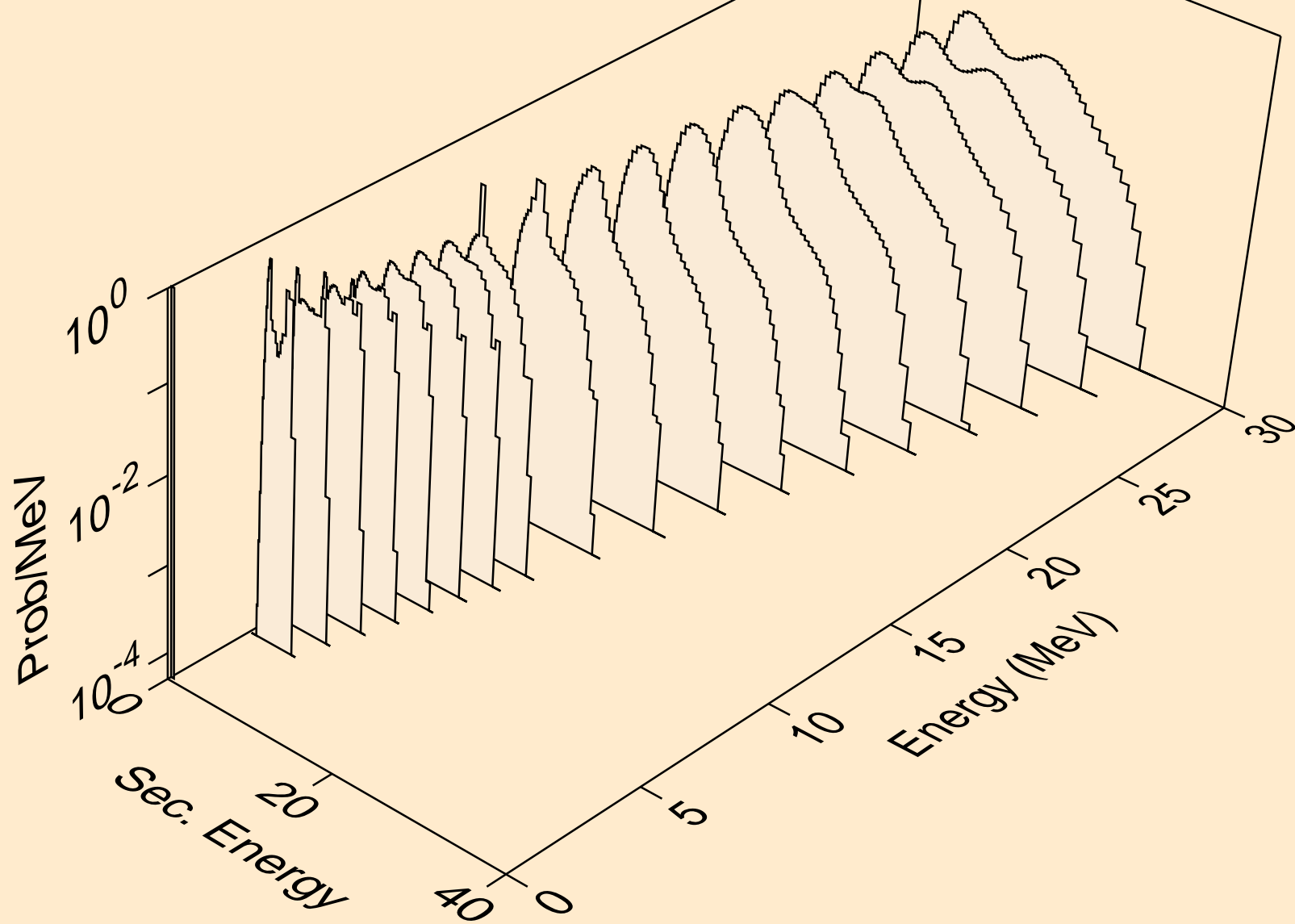
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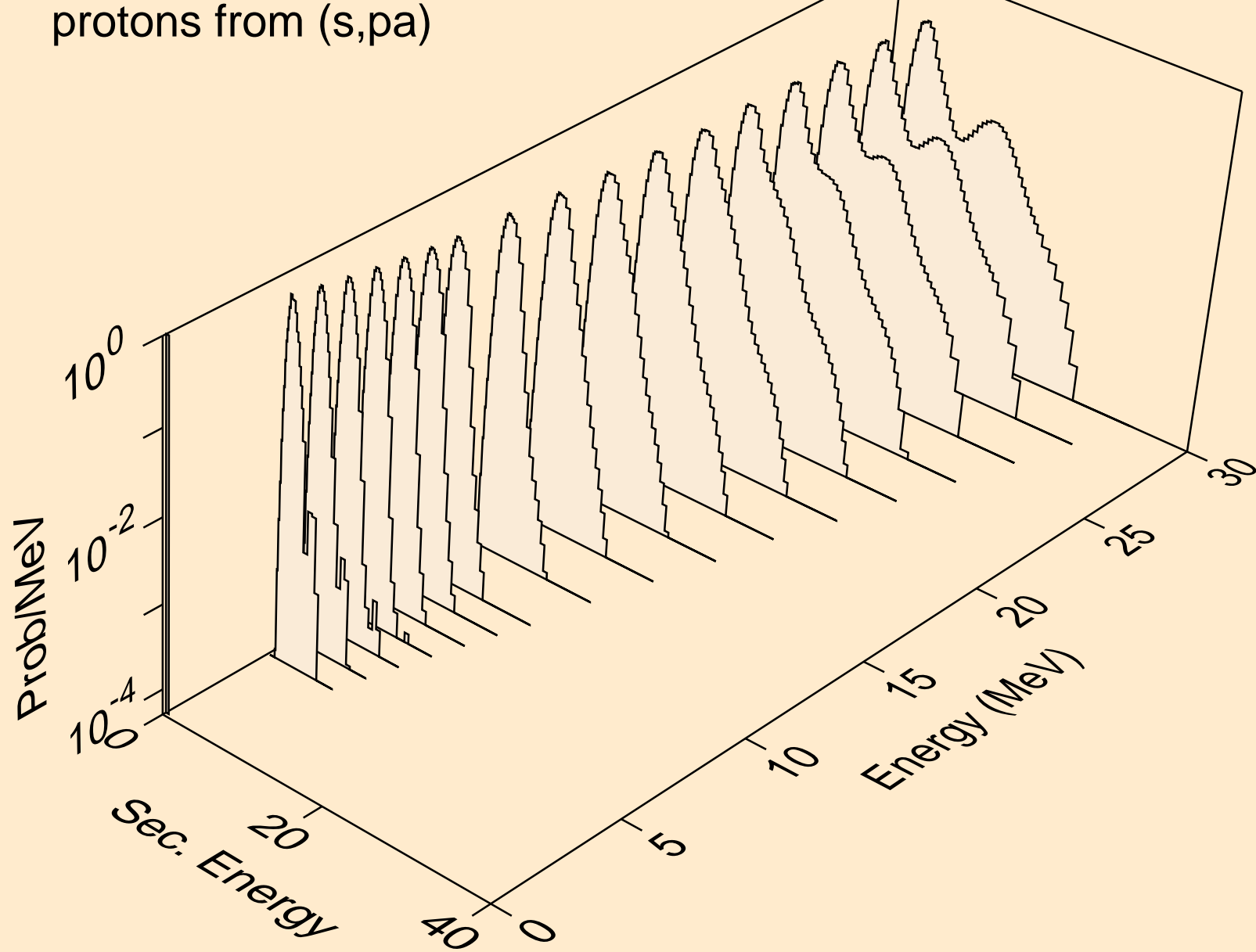
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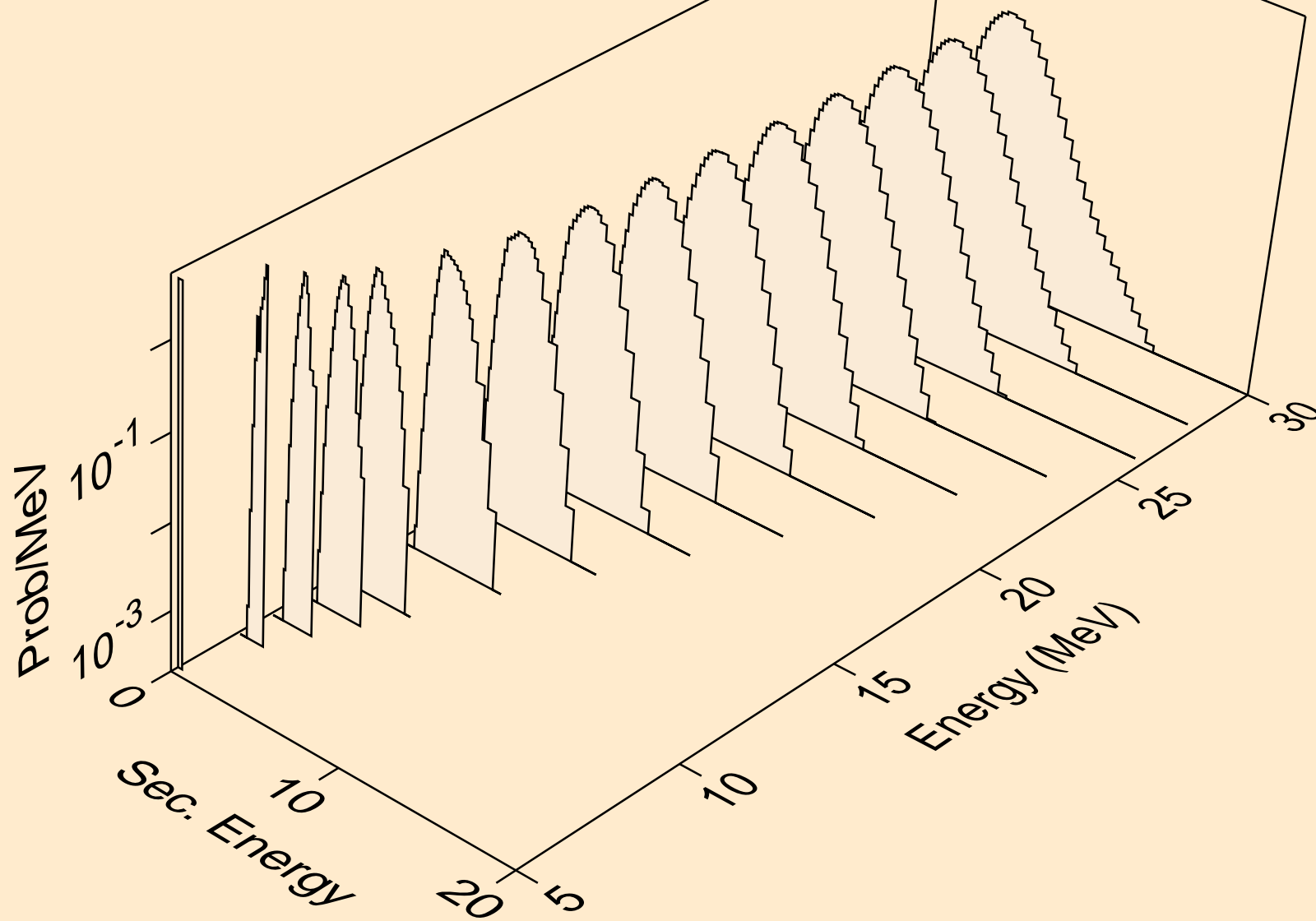
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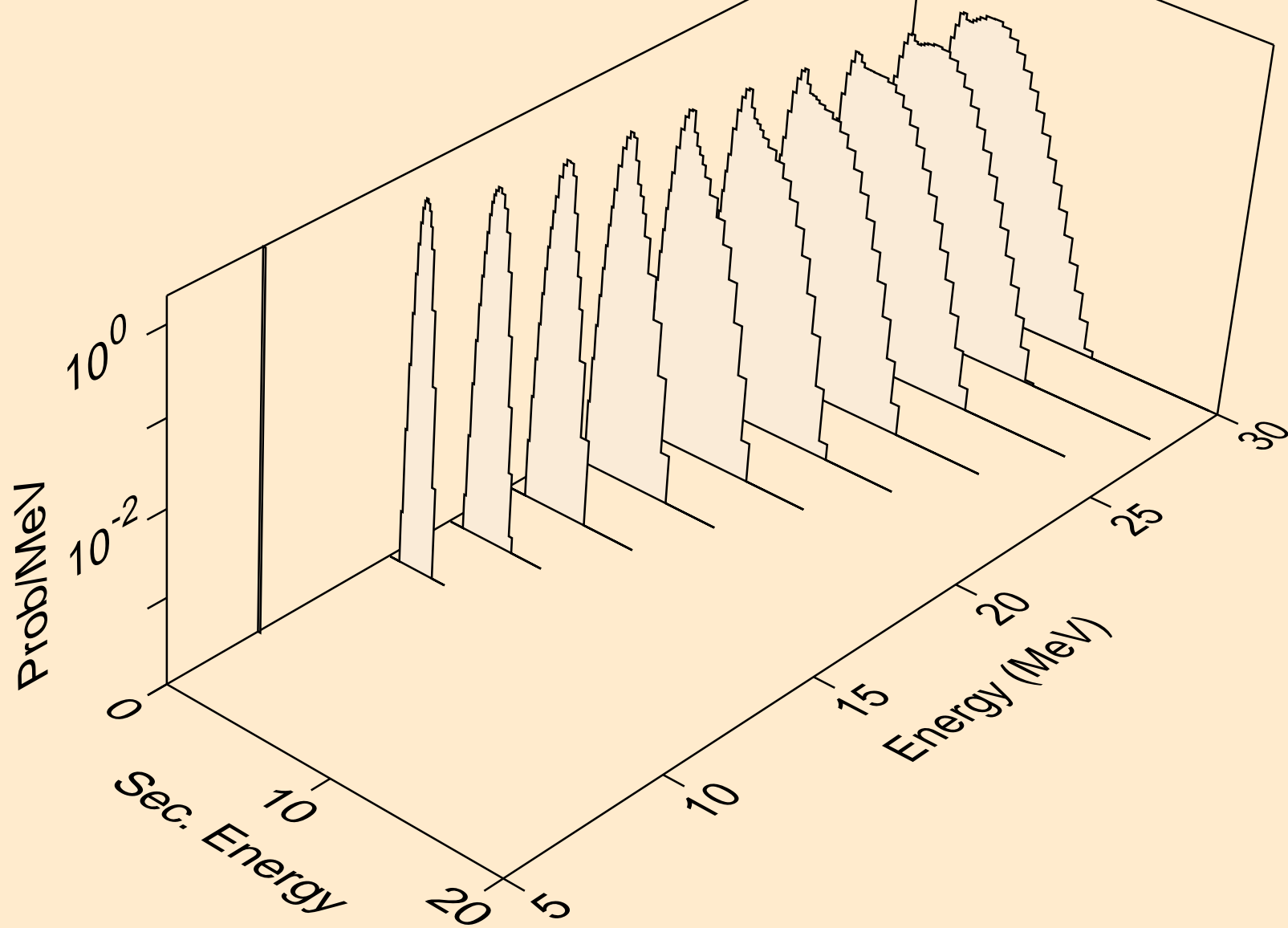
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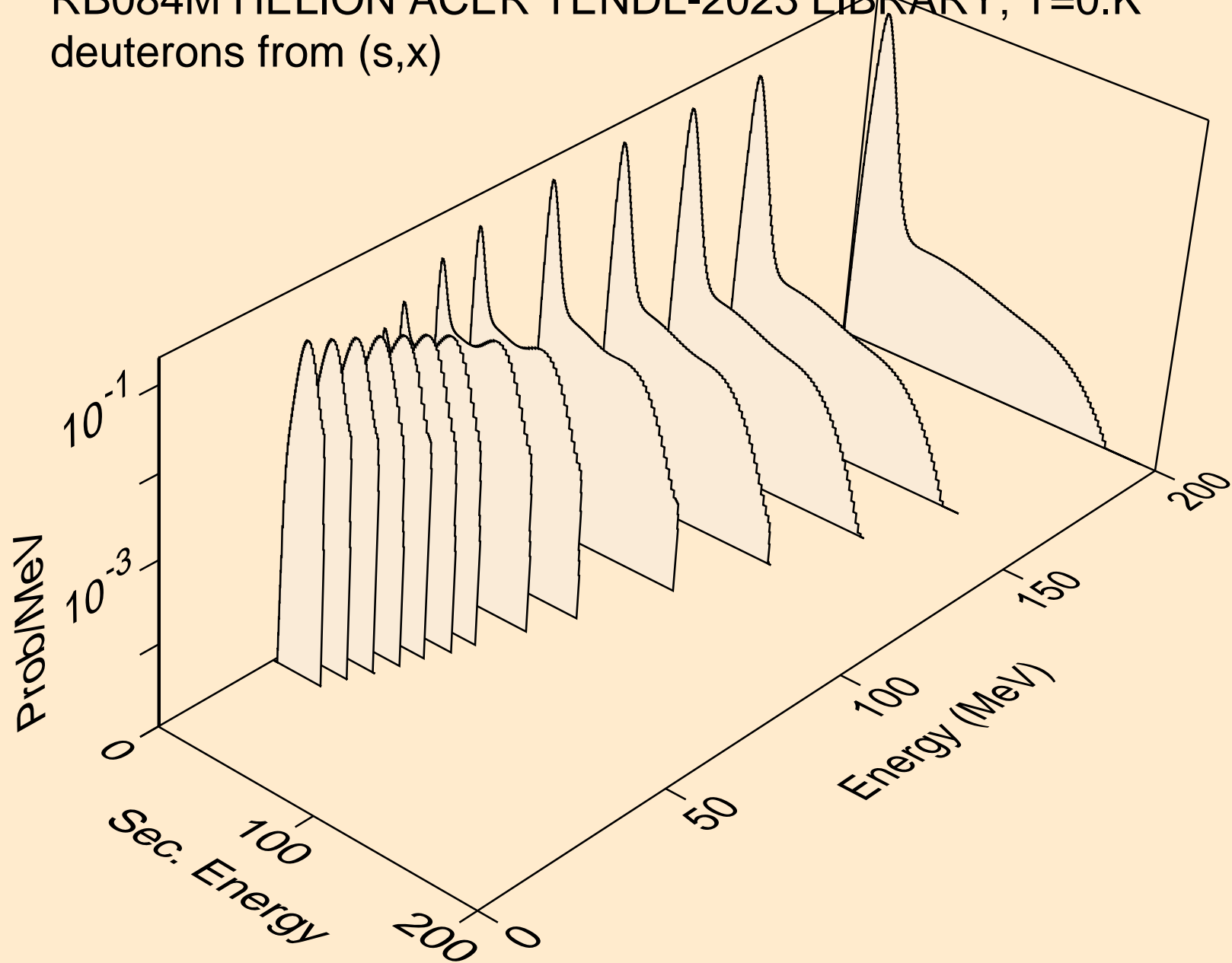
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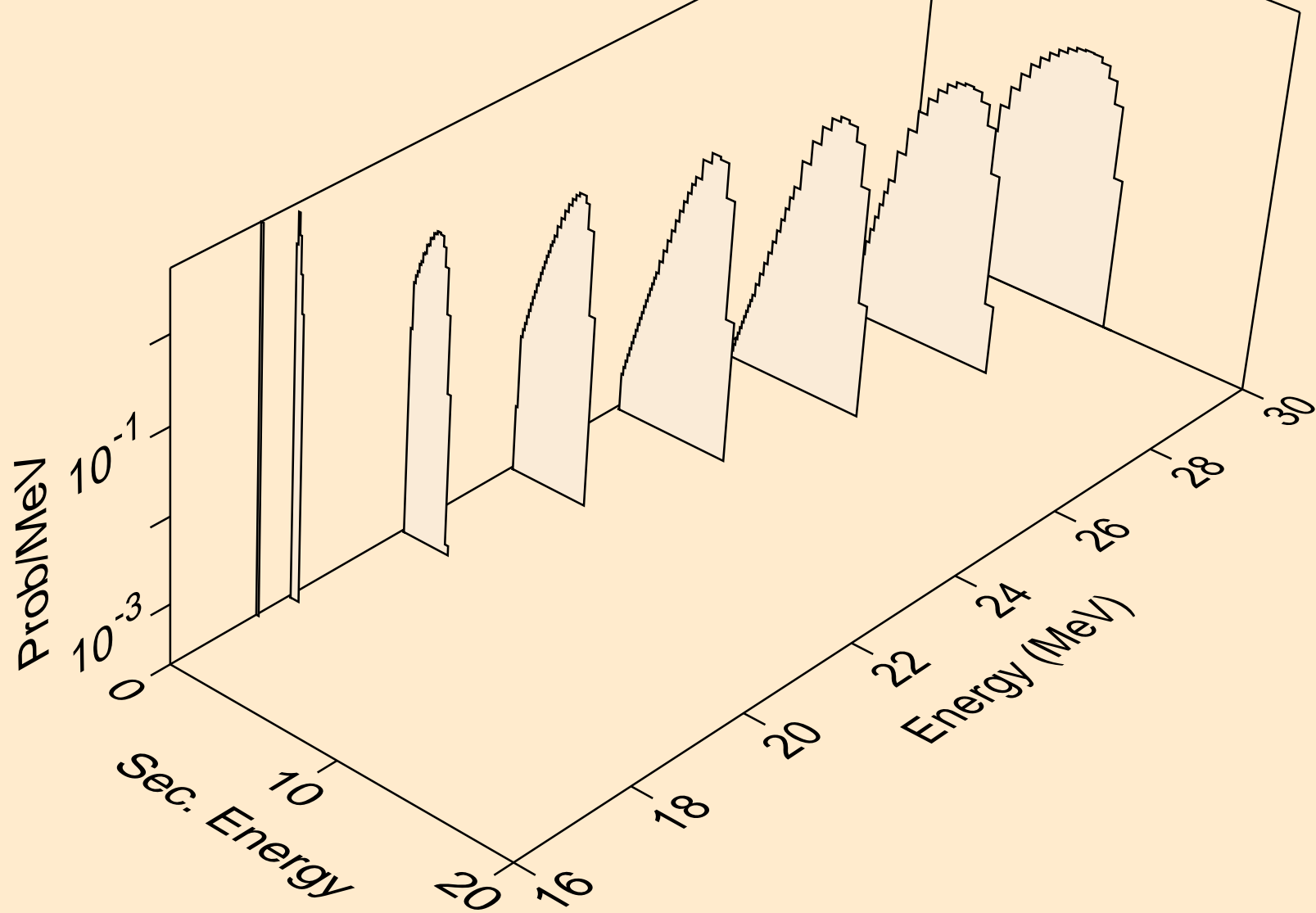
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RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
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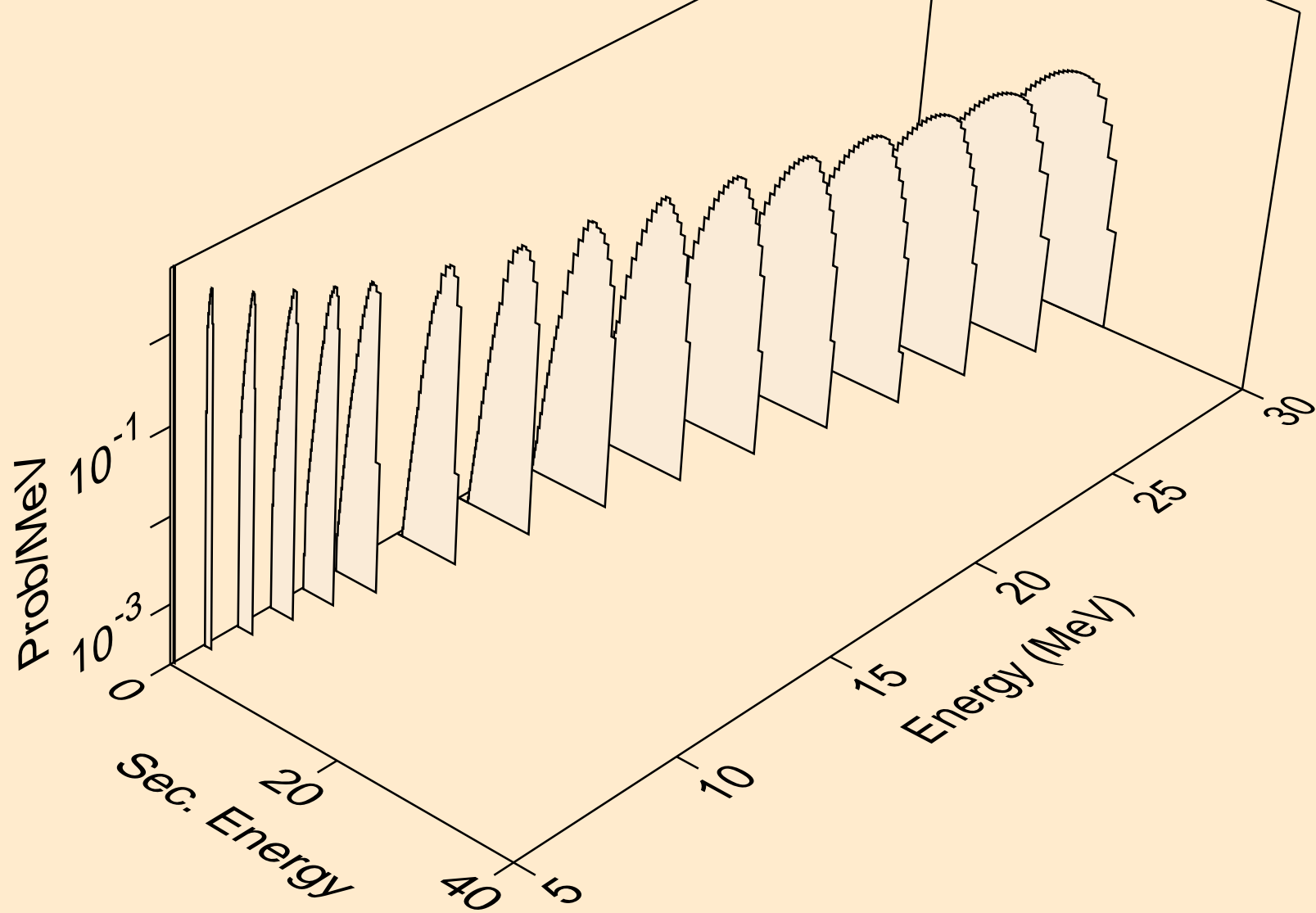


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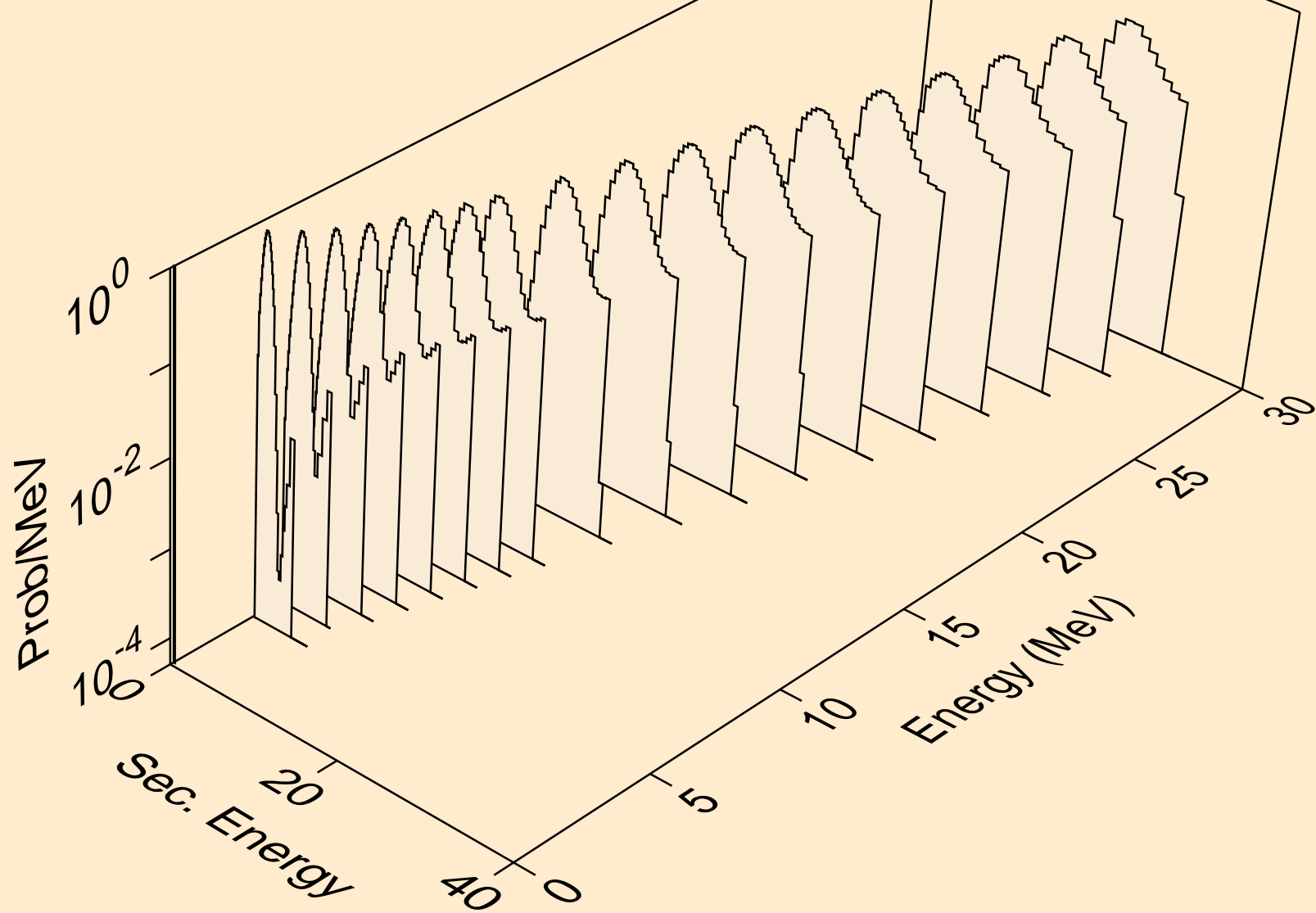




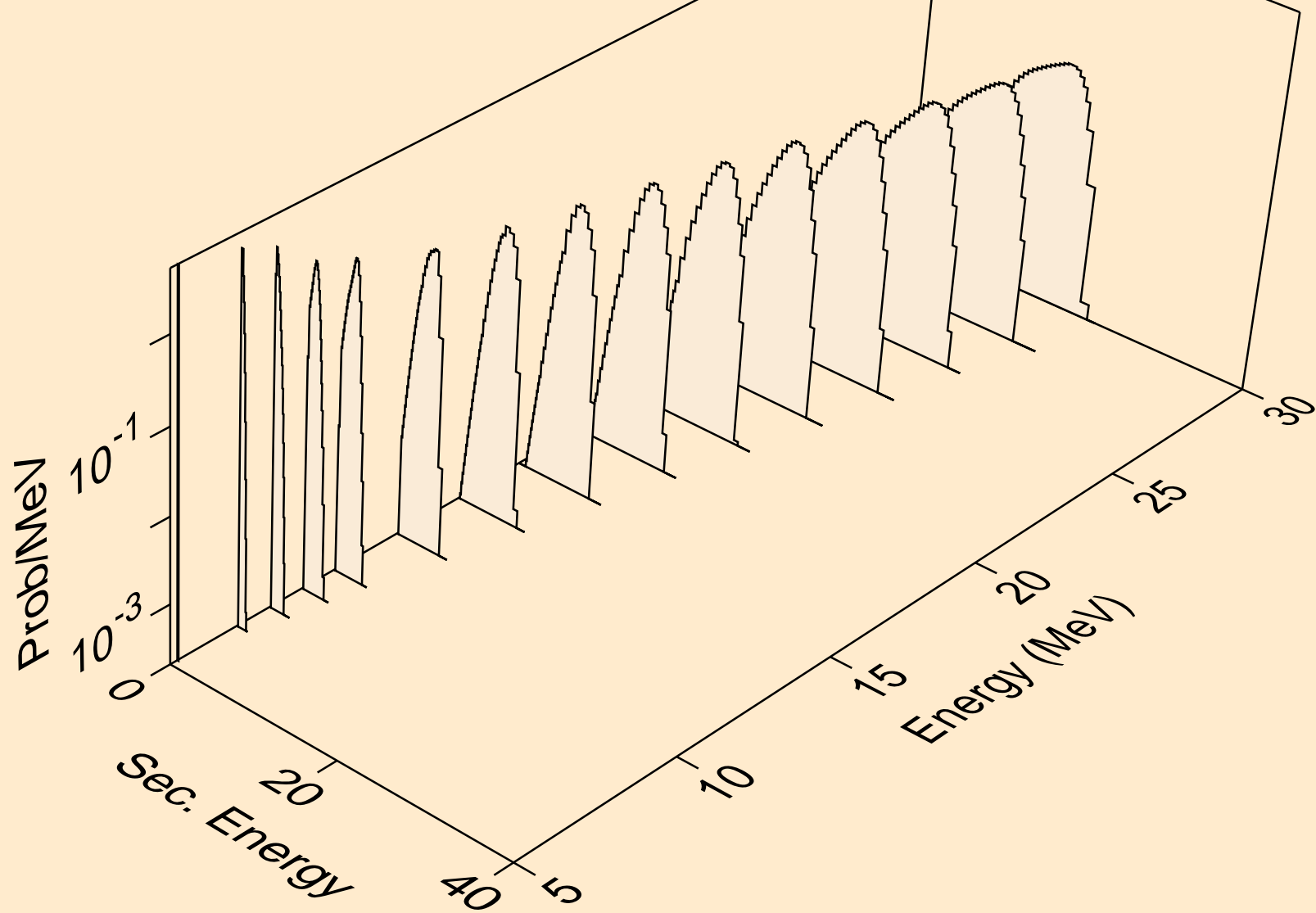
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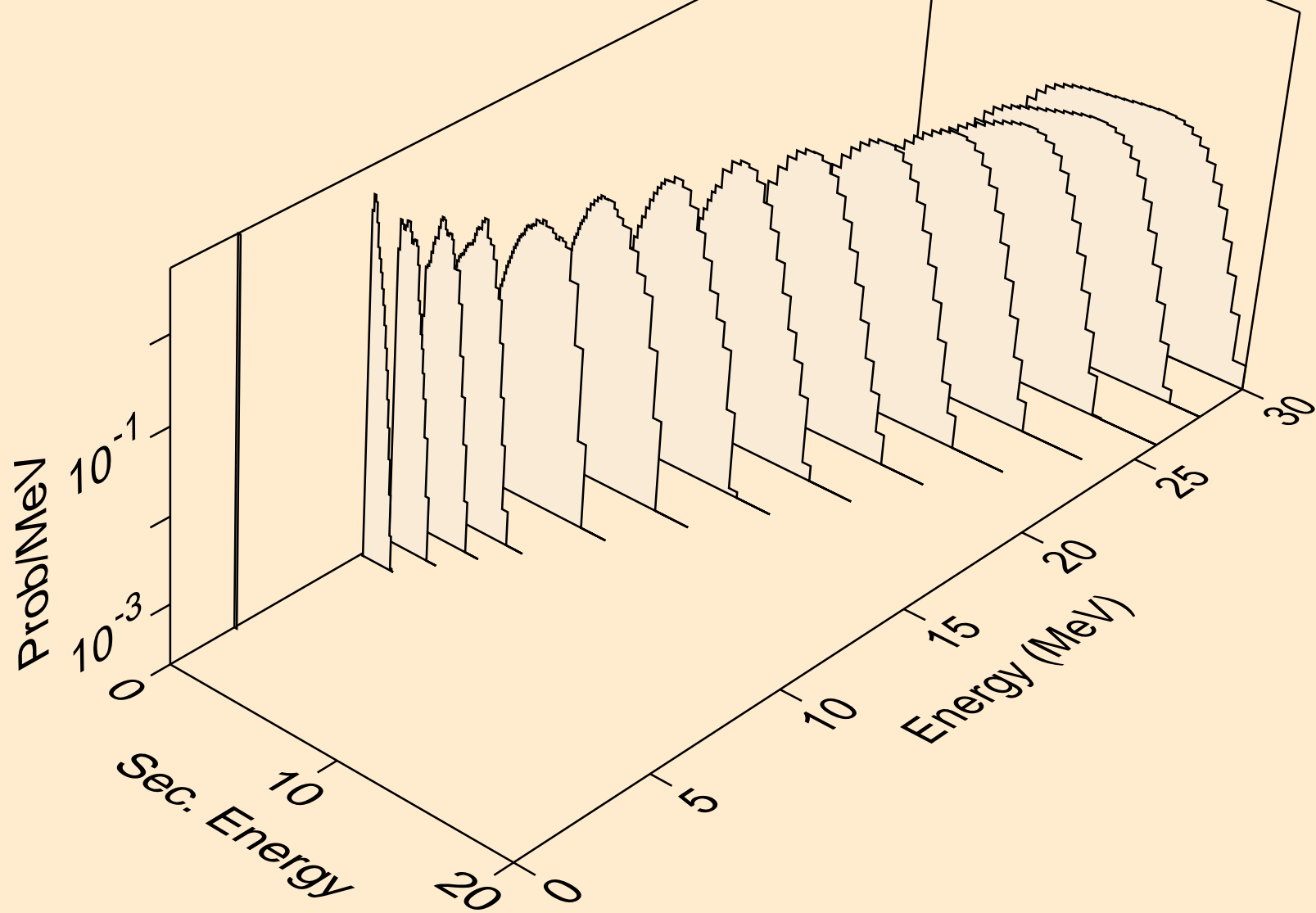
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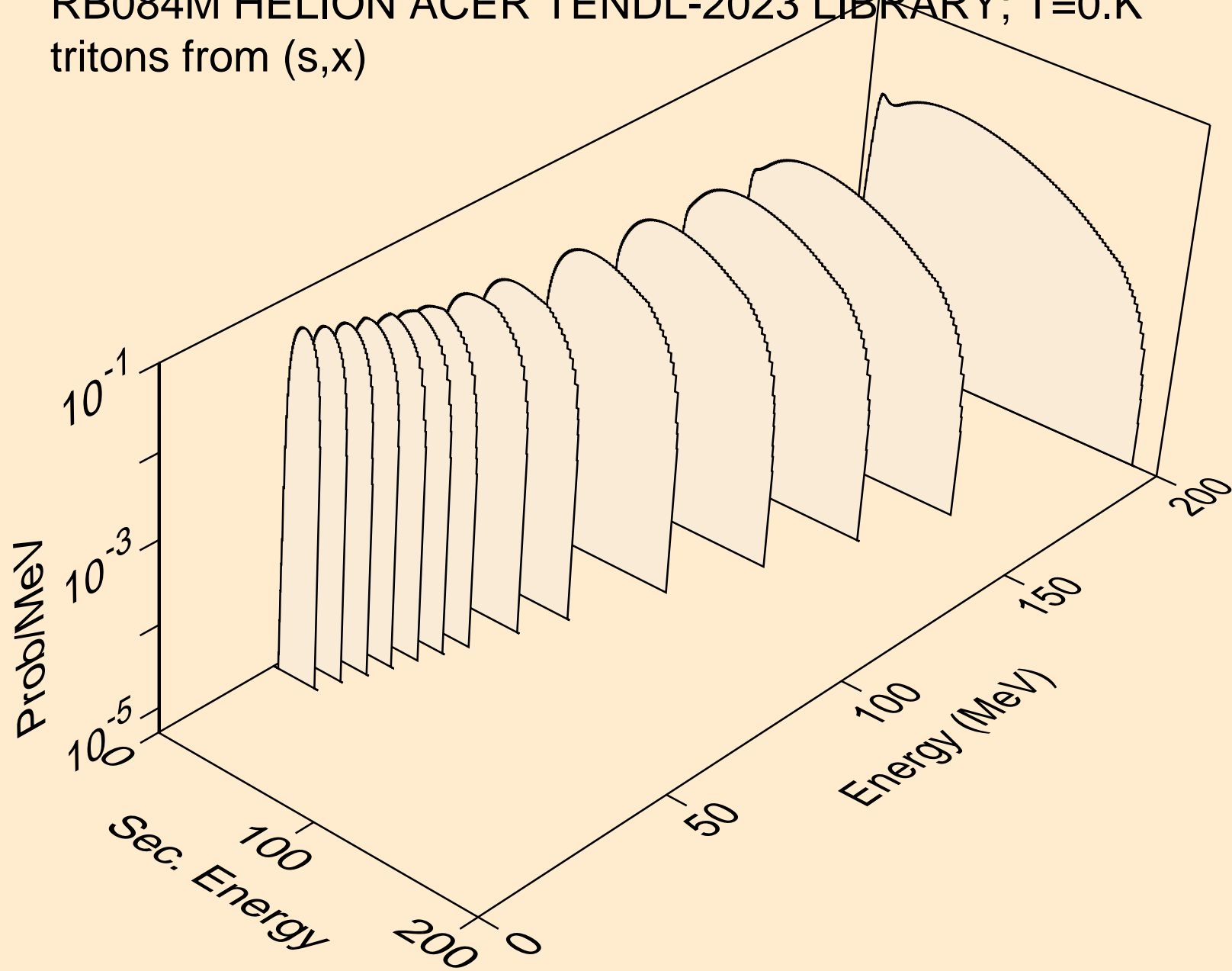
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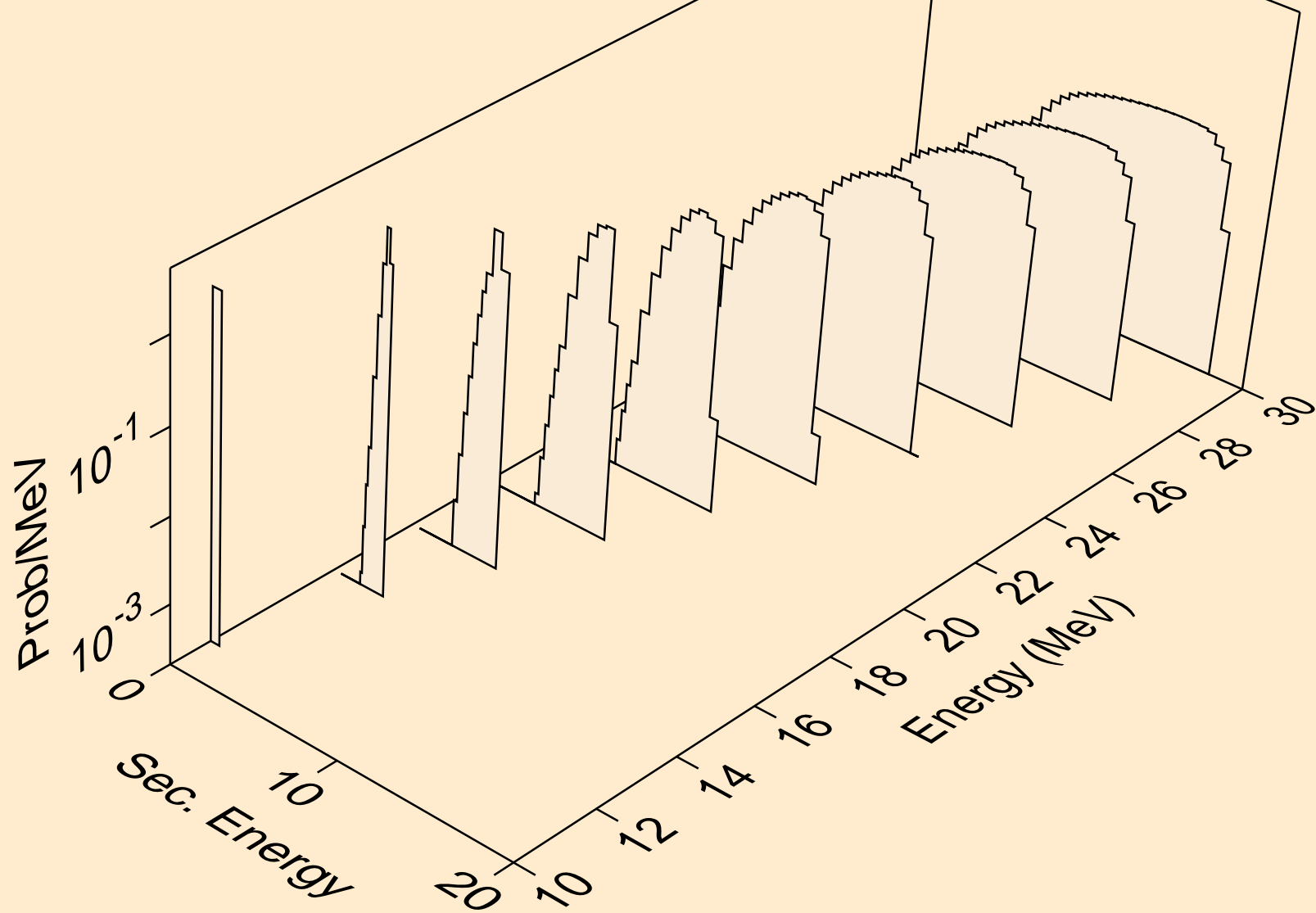
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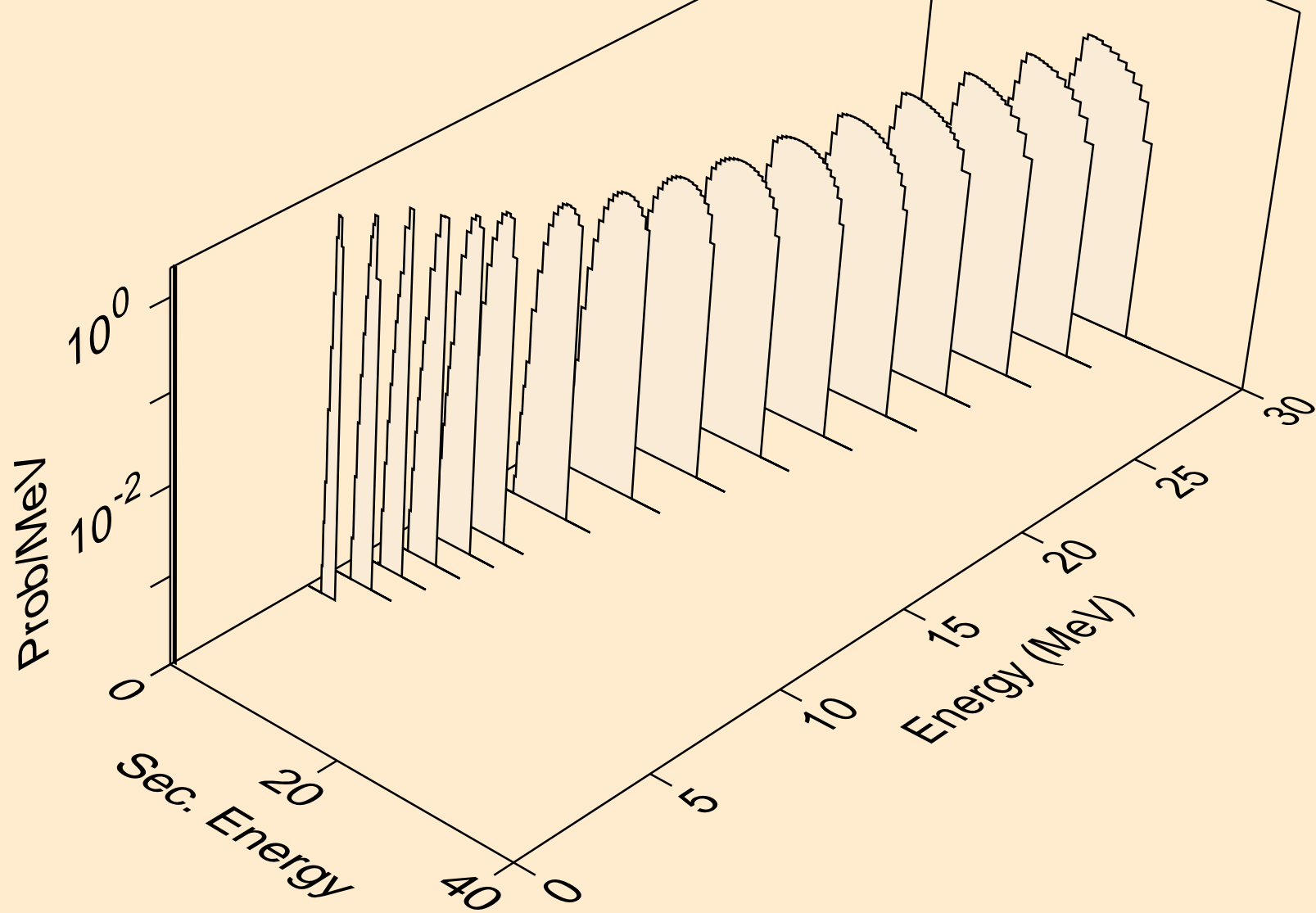
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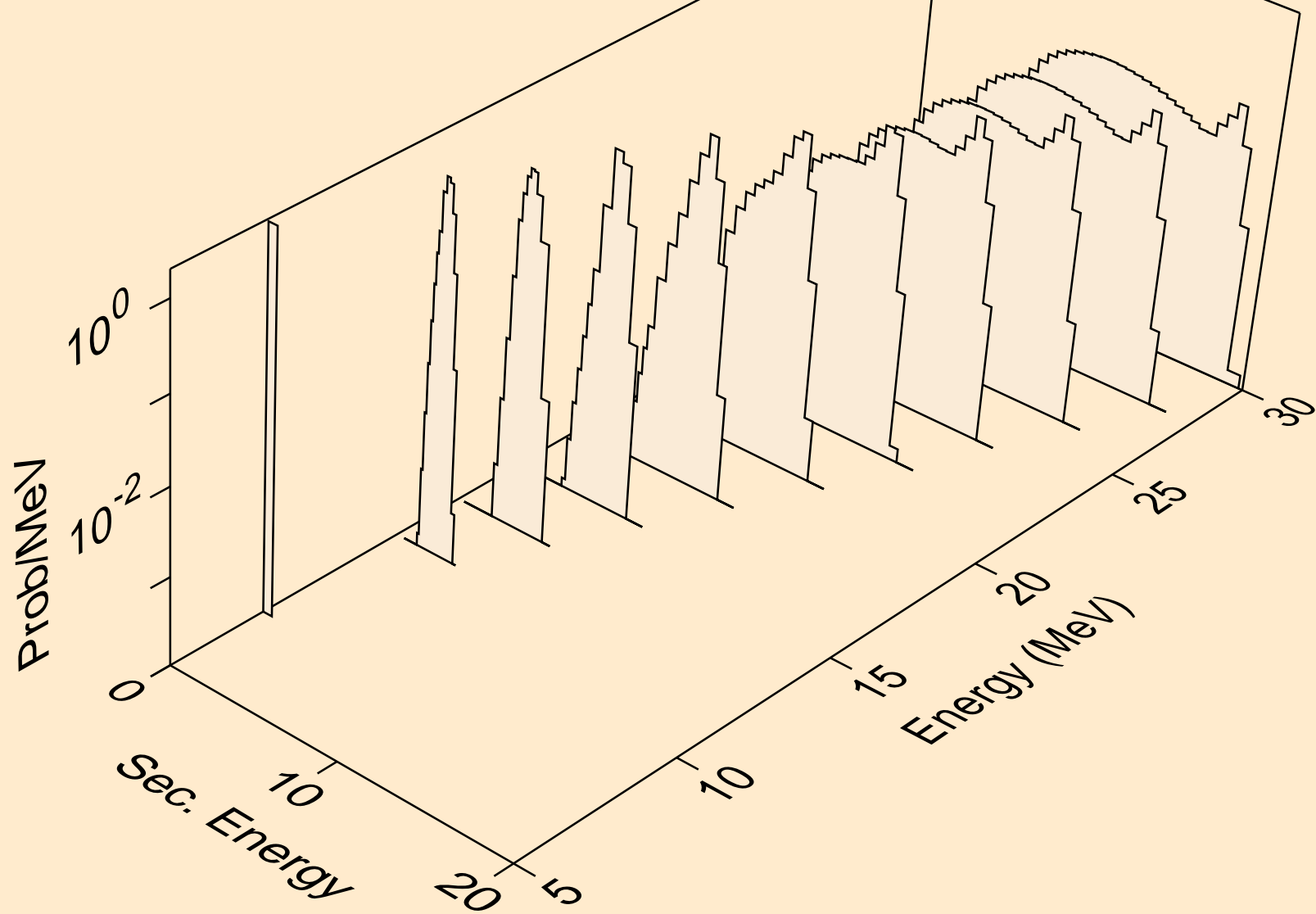
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tritons from (s,n\*)t



RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
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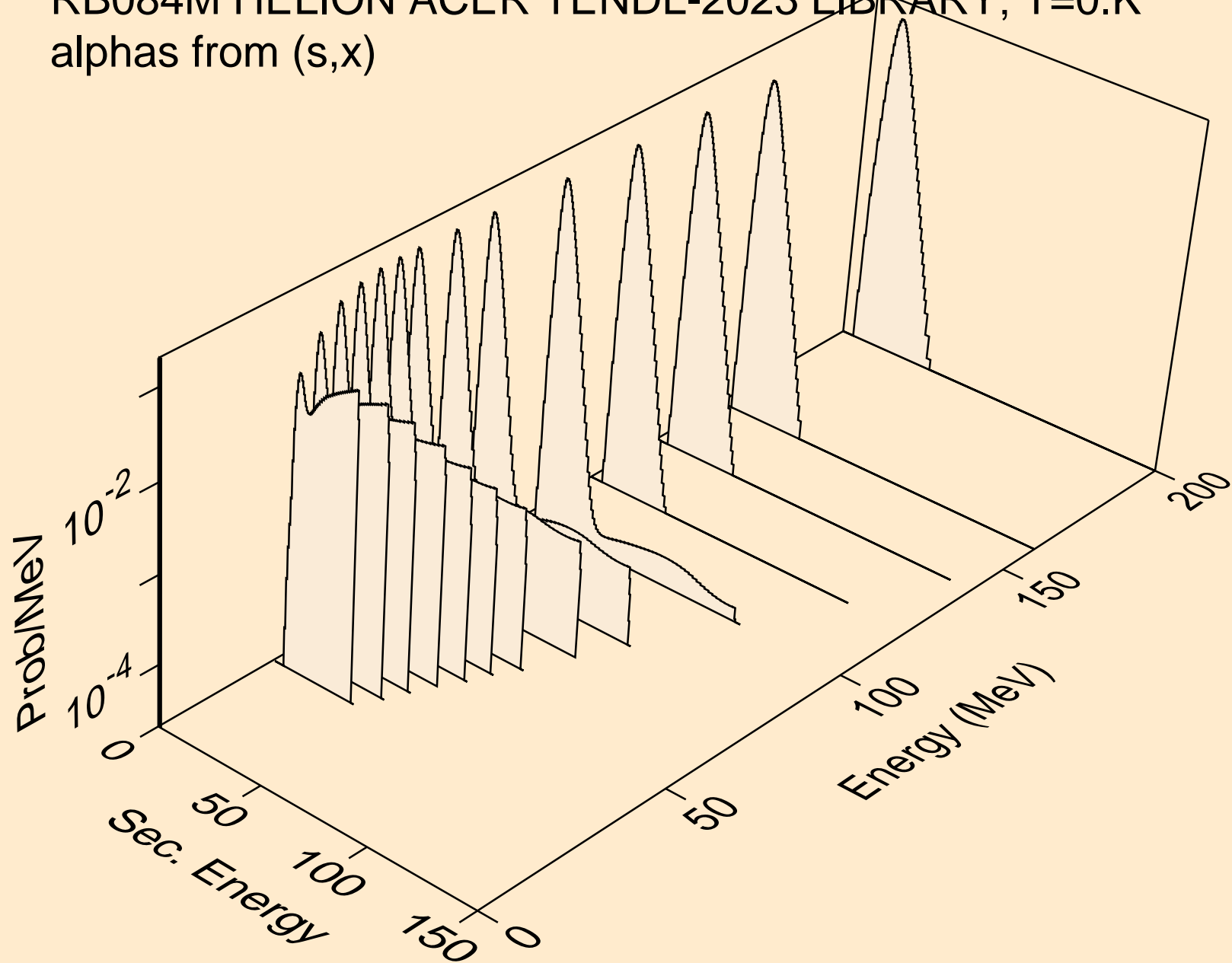


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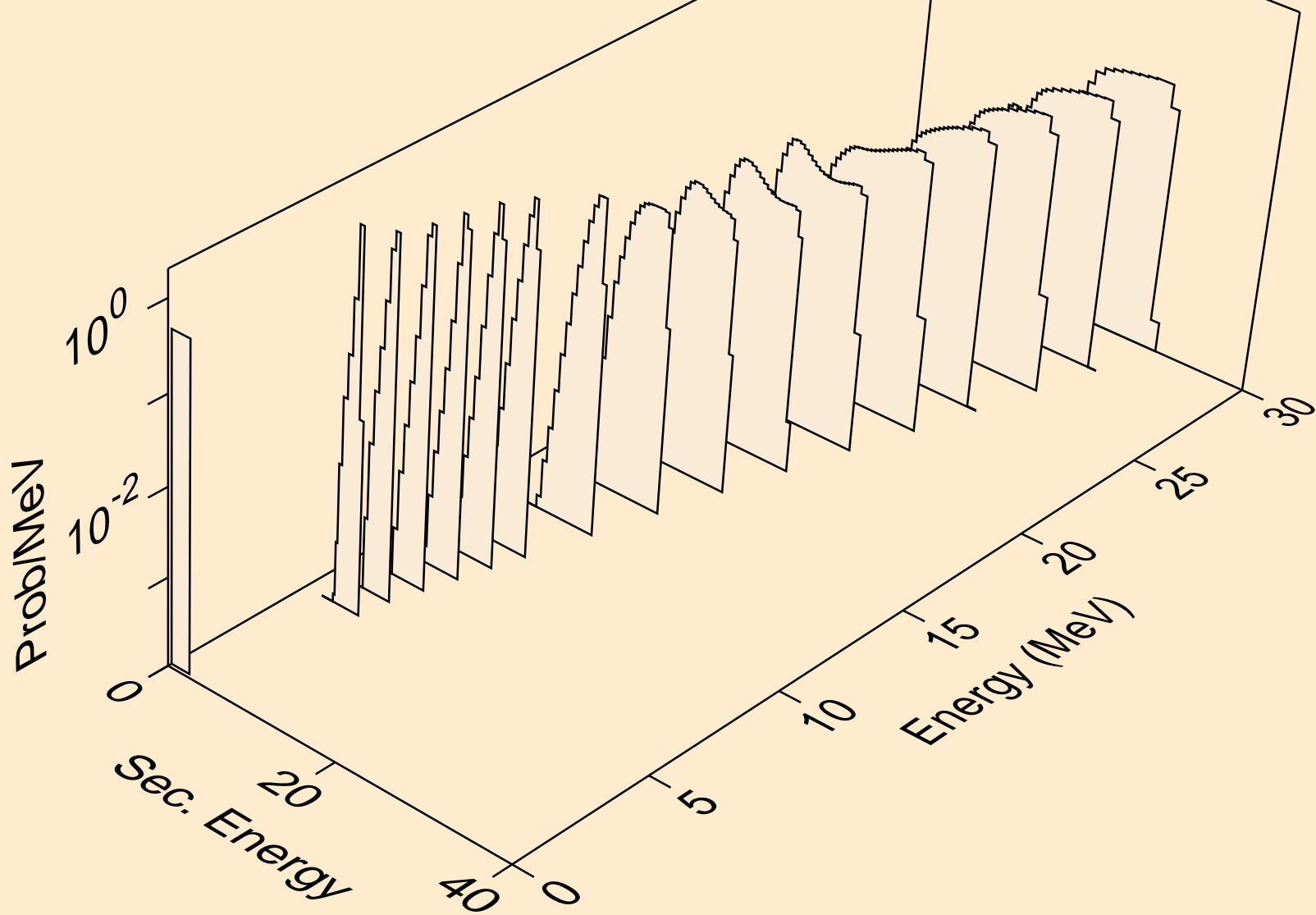




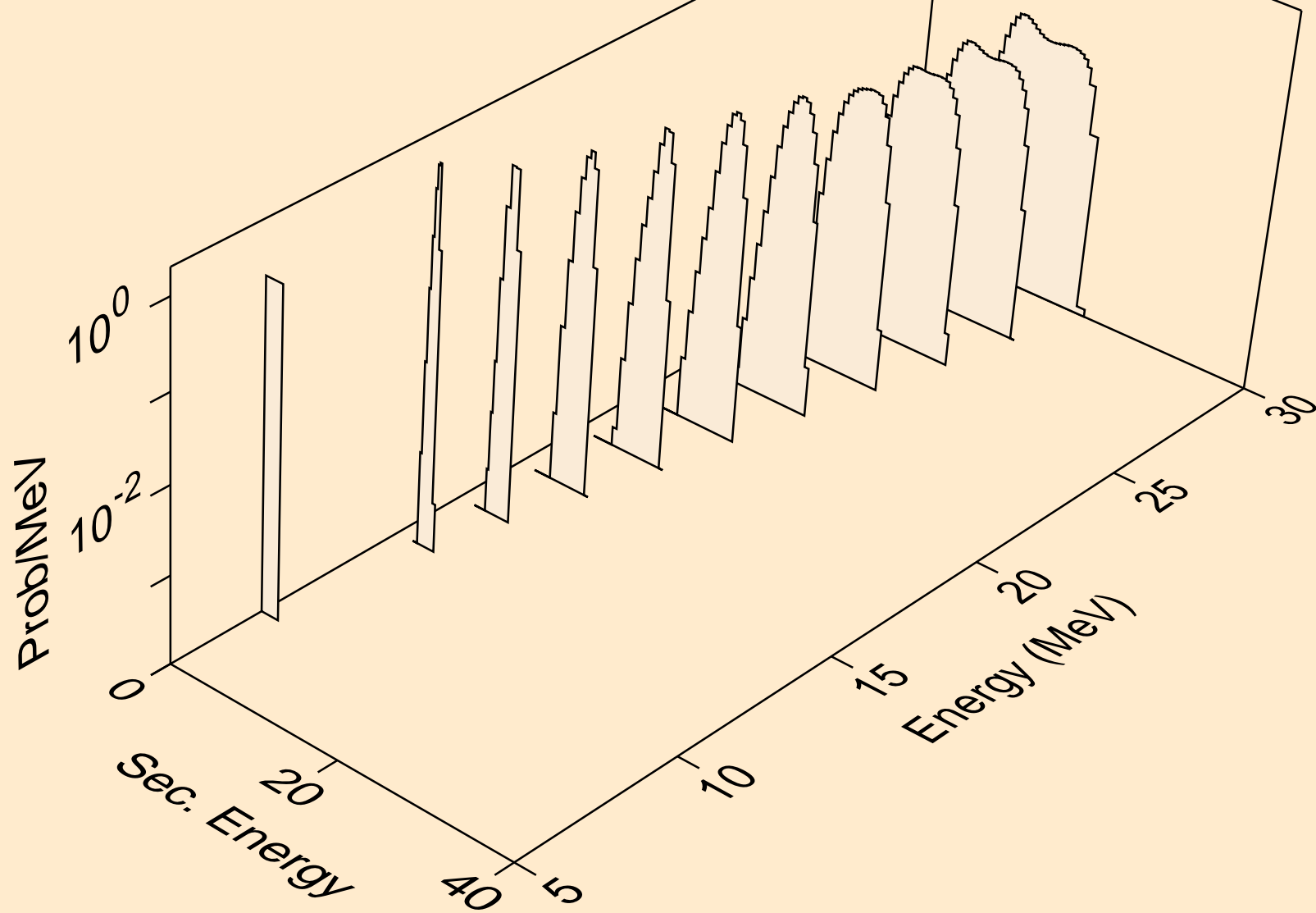
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alphas from (s,x)



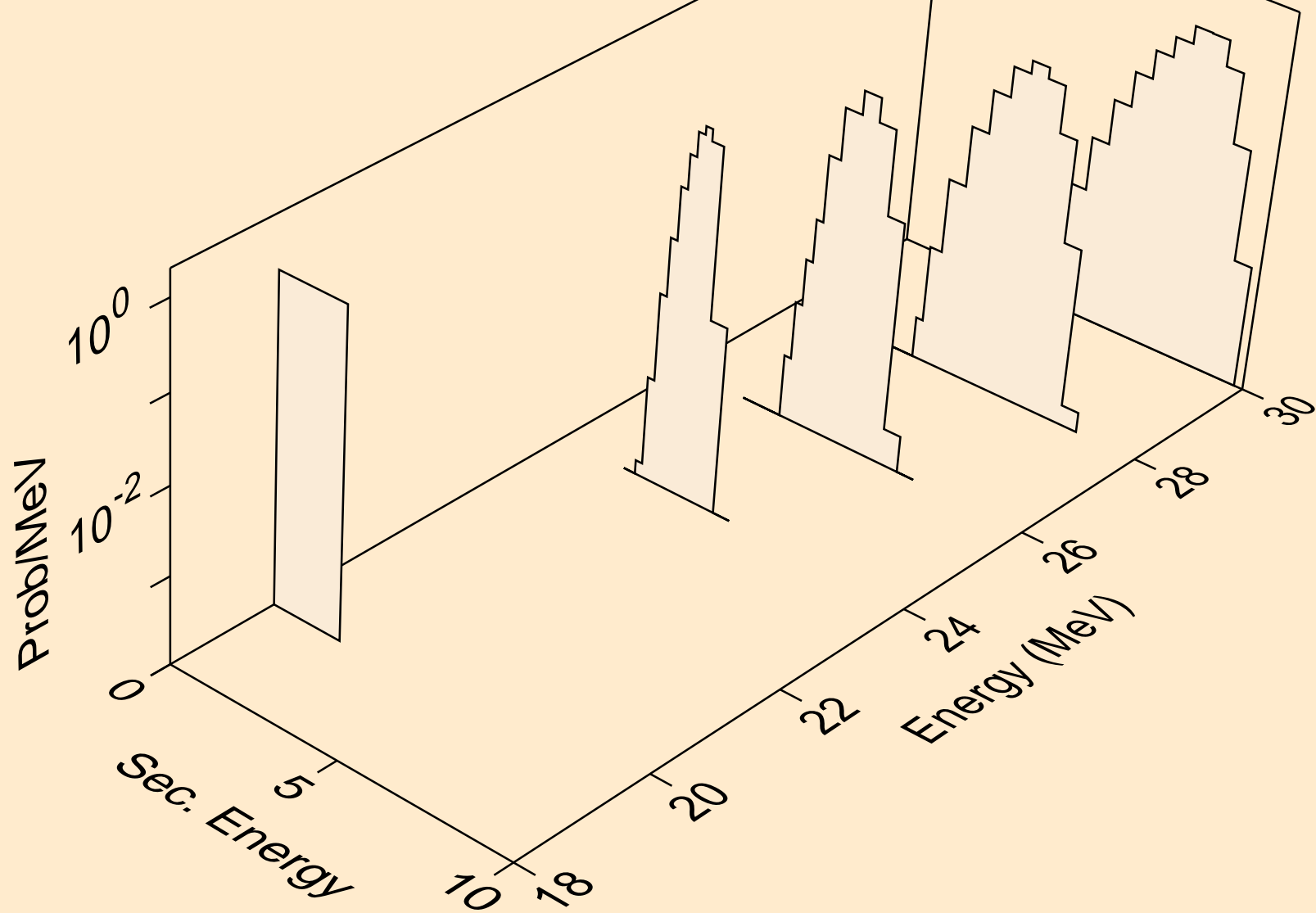
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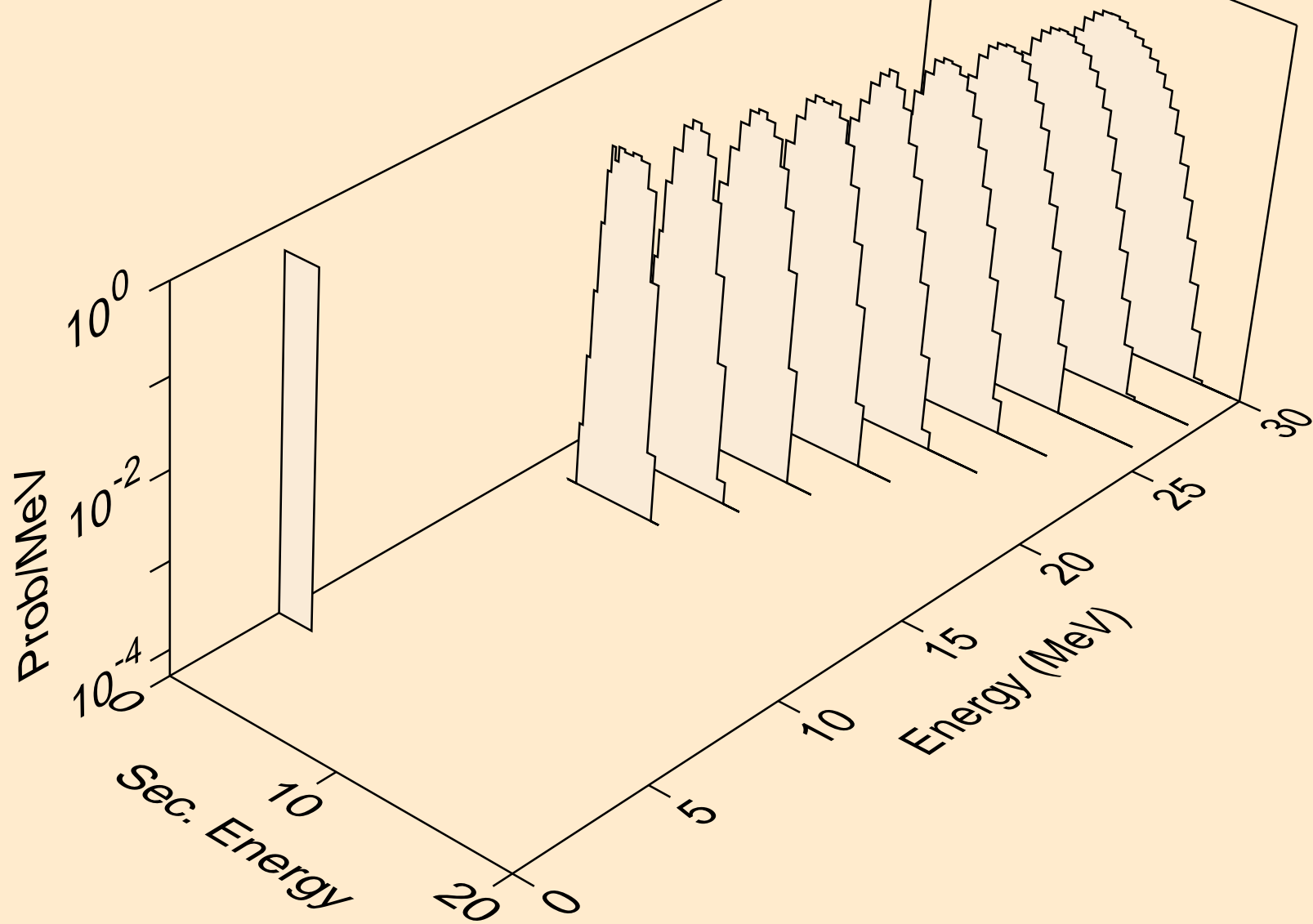
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alphas from (s,2n)a



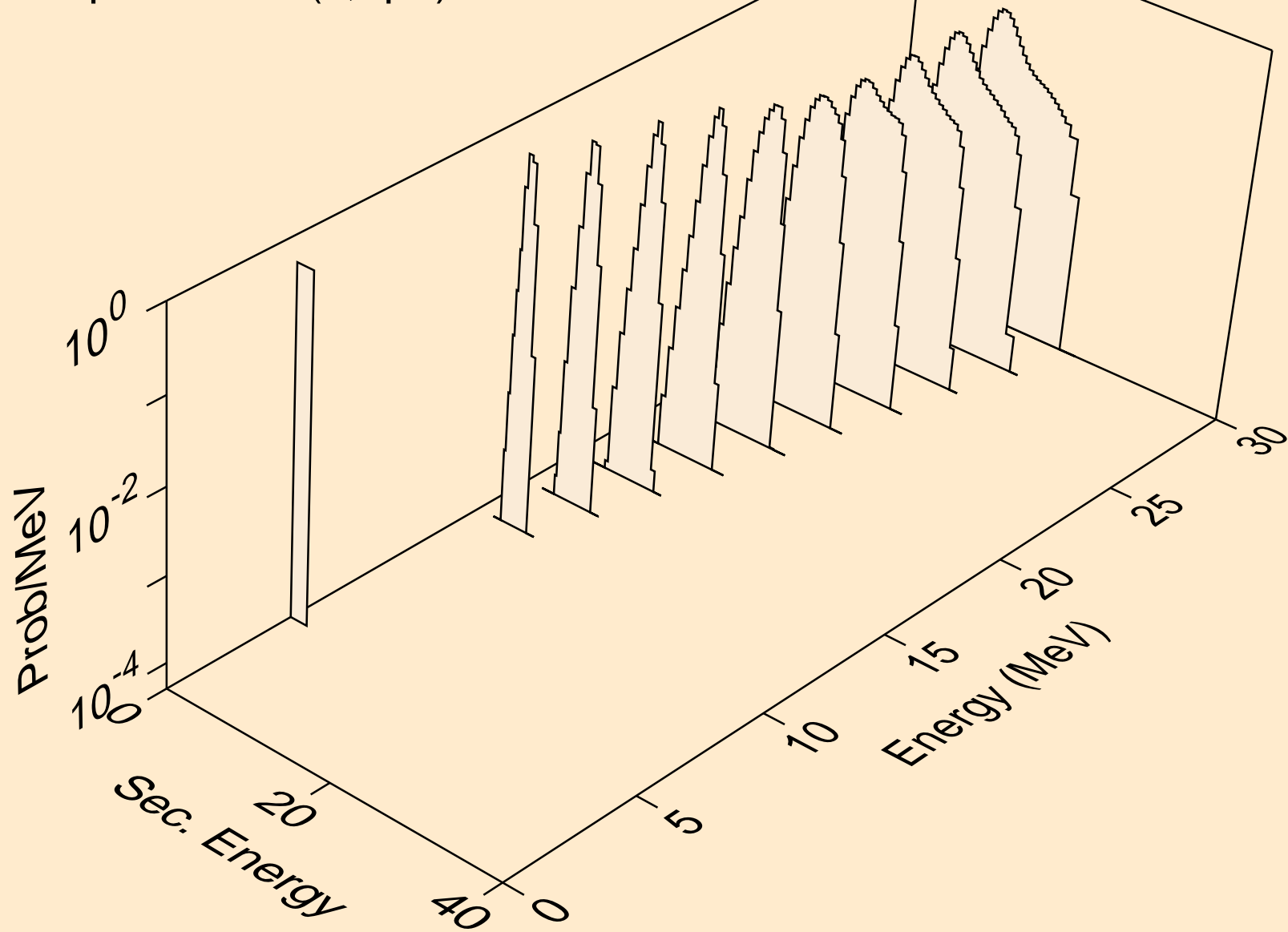
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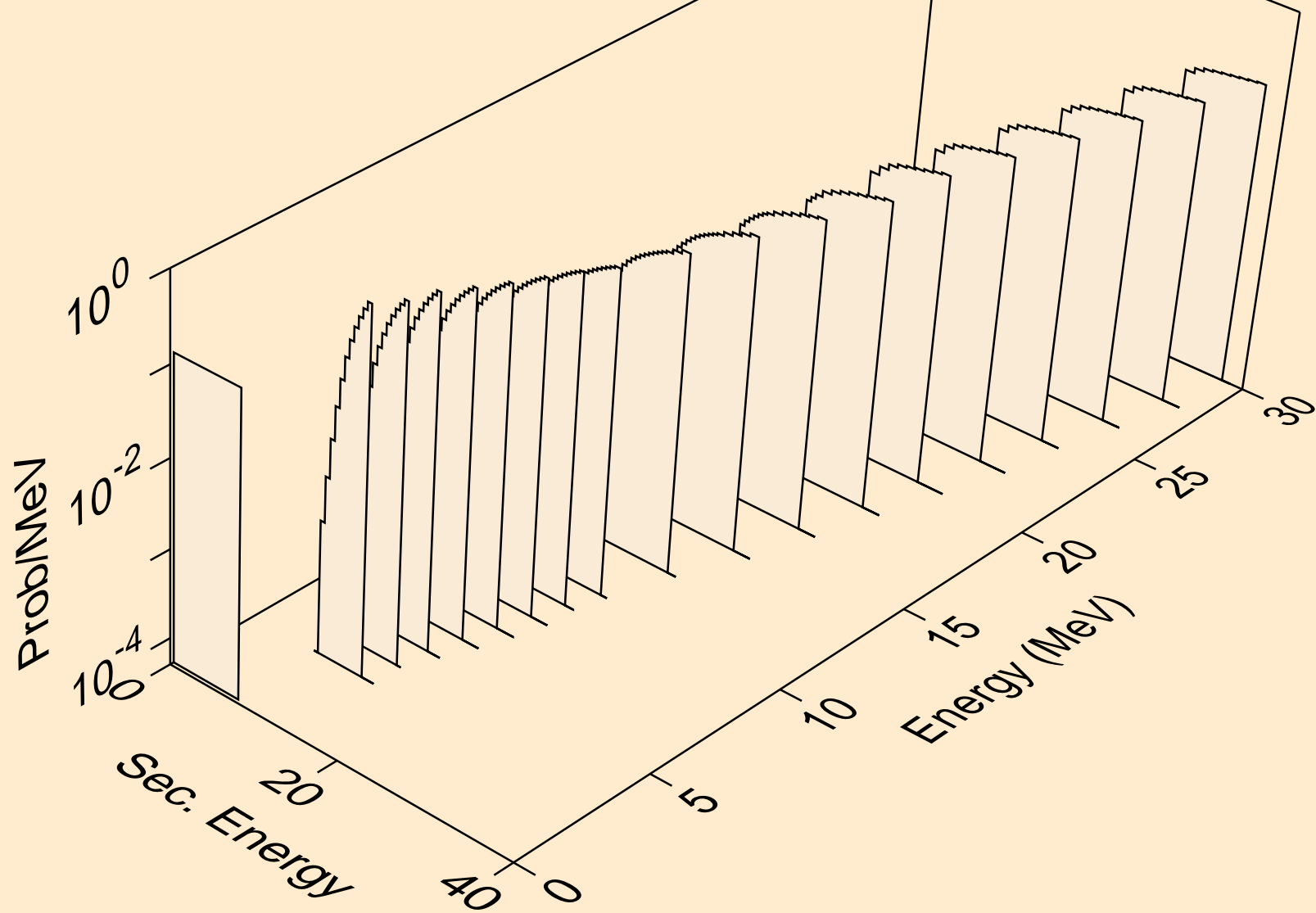
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alphas from (s,n\*)2a



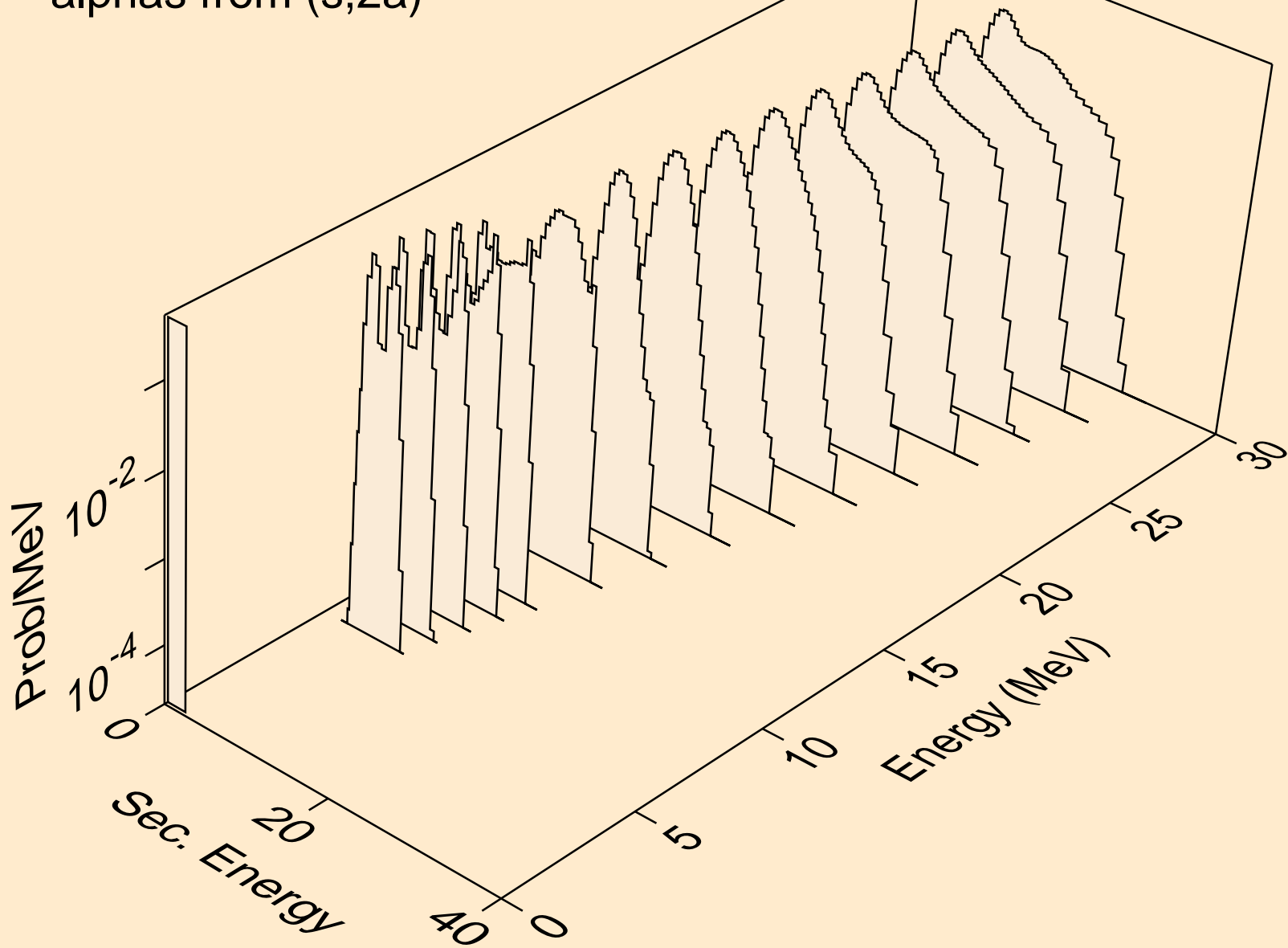
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alphas from (s,npa)



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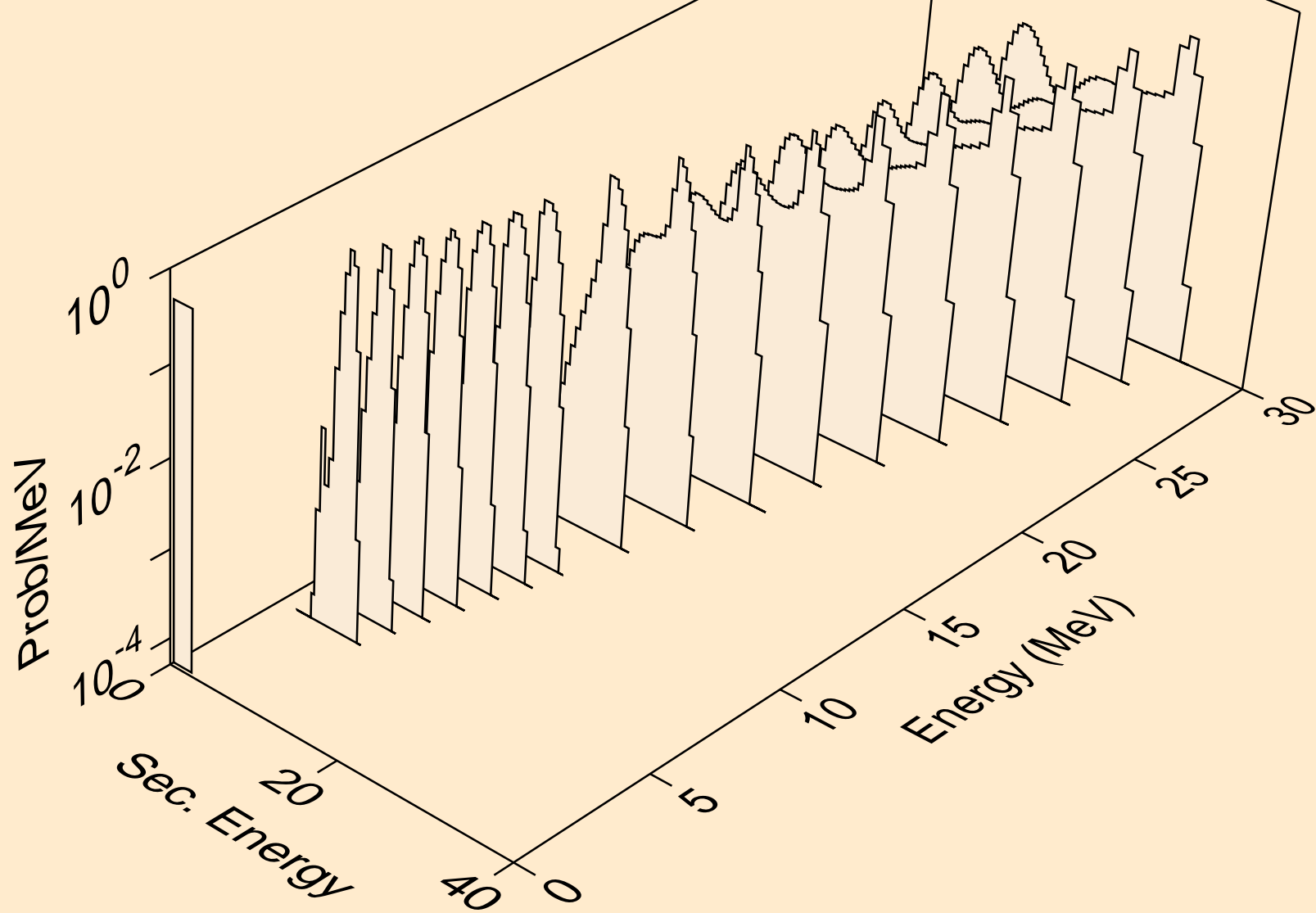


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alphas from (s,2a)





RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



RB084M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

