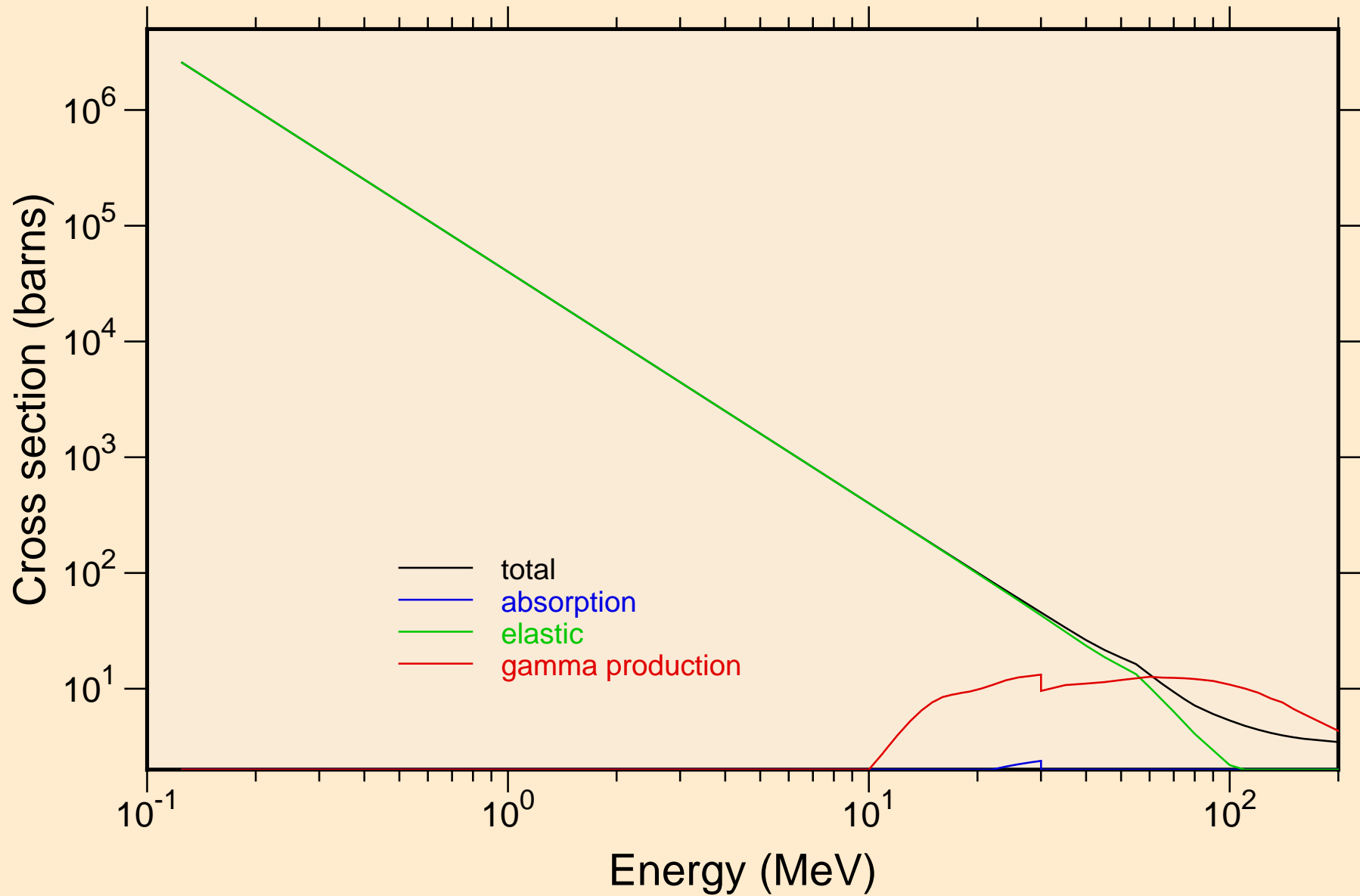


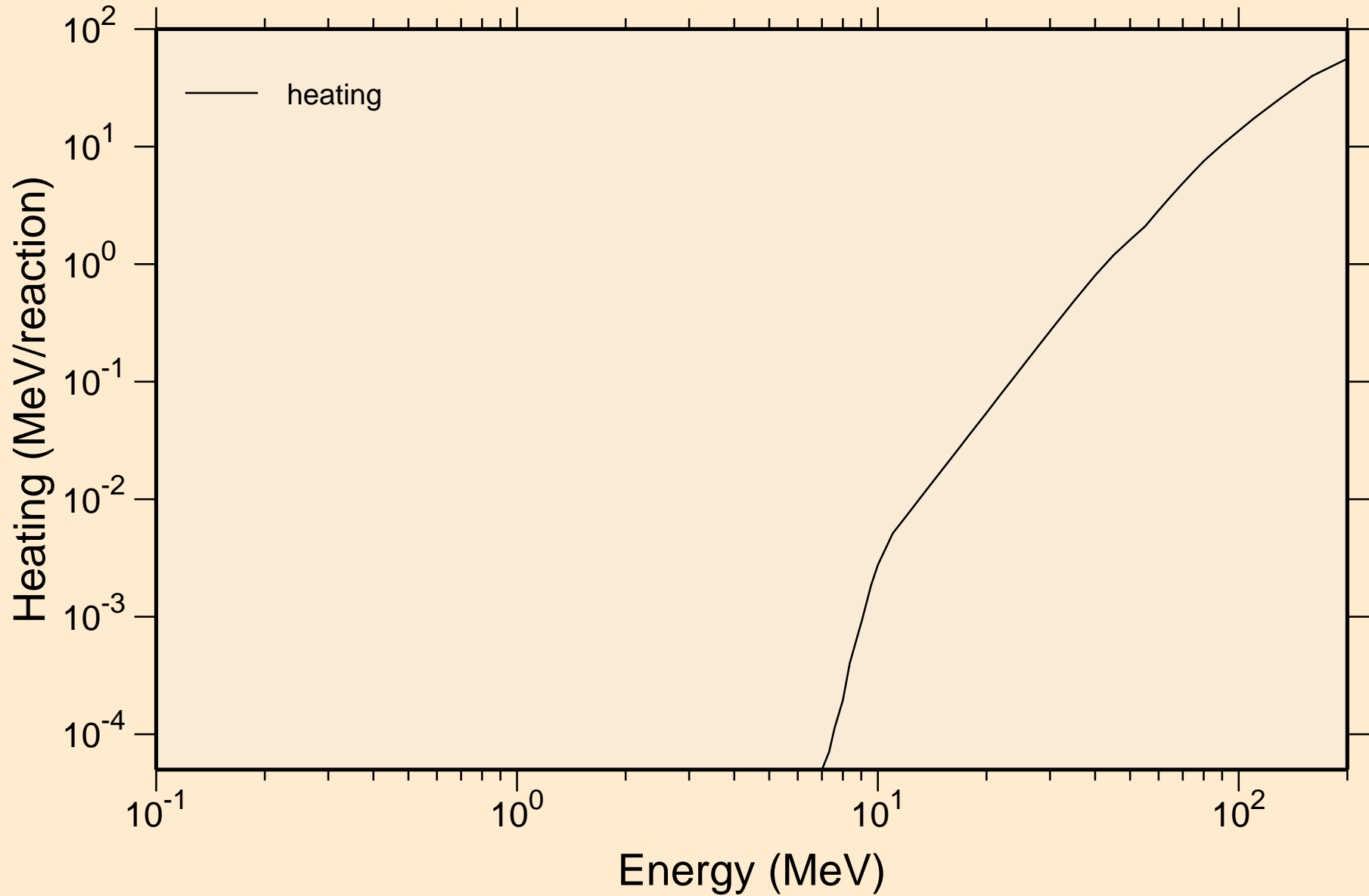
# HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



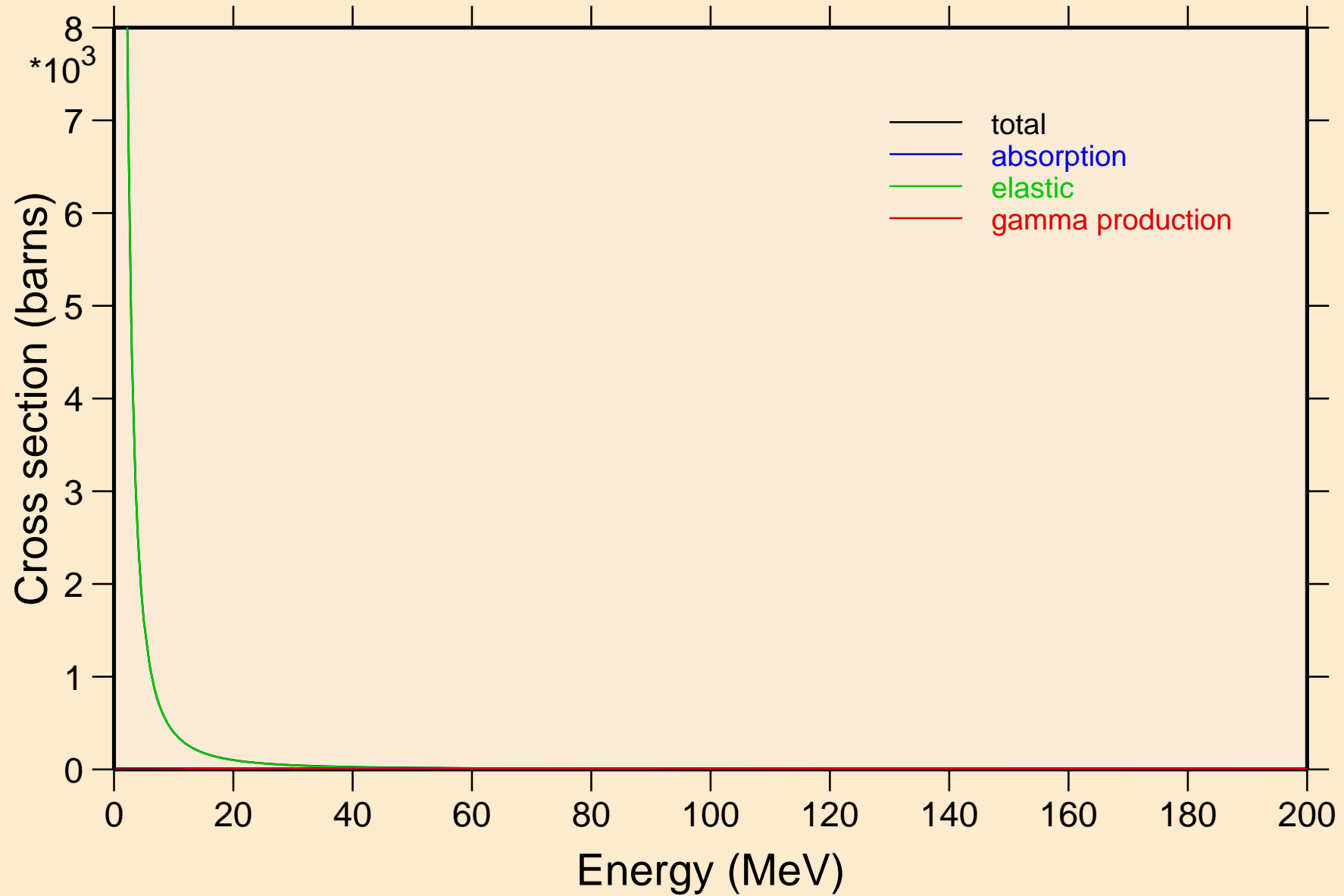
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## Heating



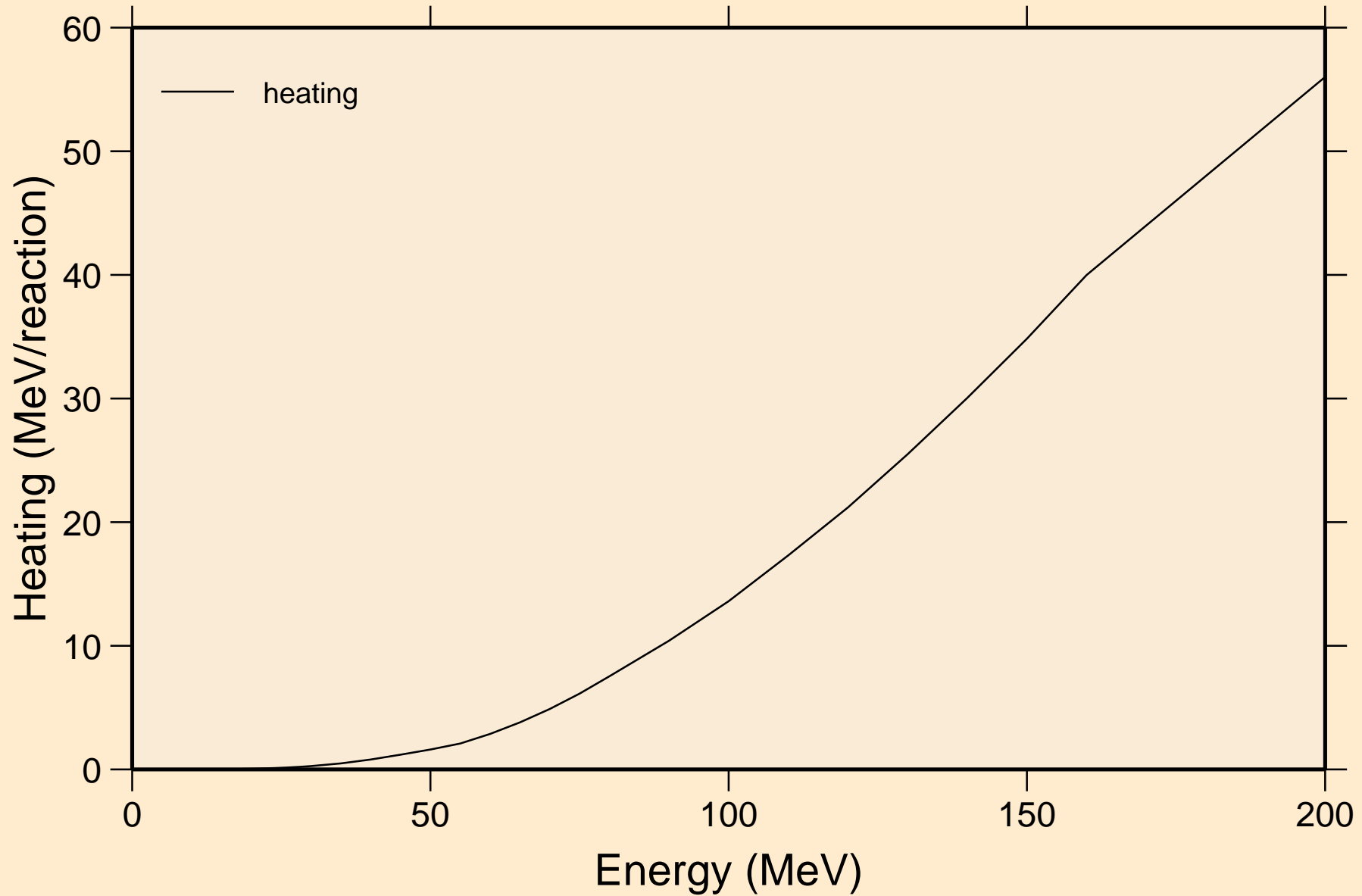
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## Principal cross sections



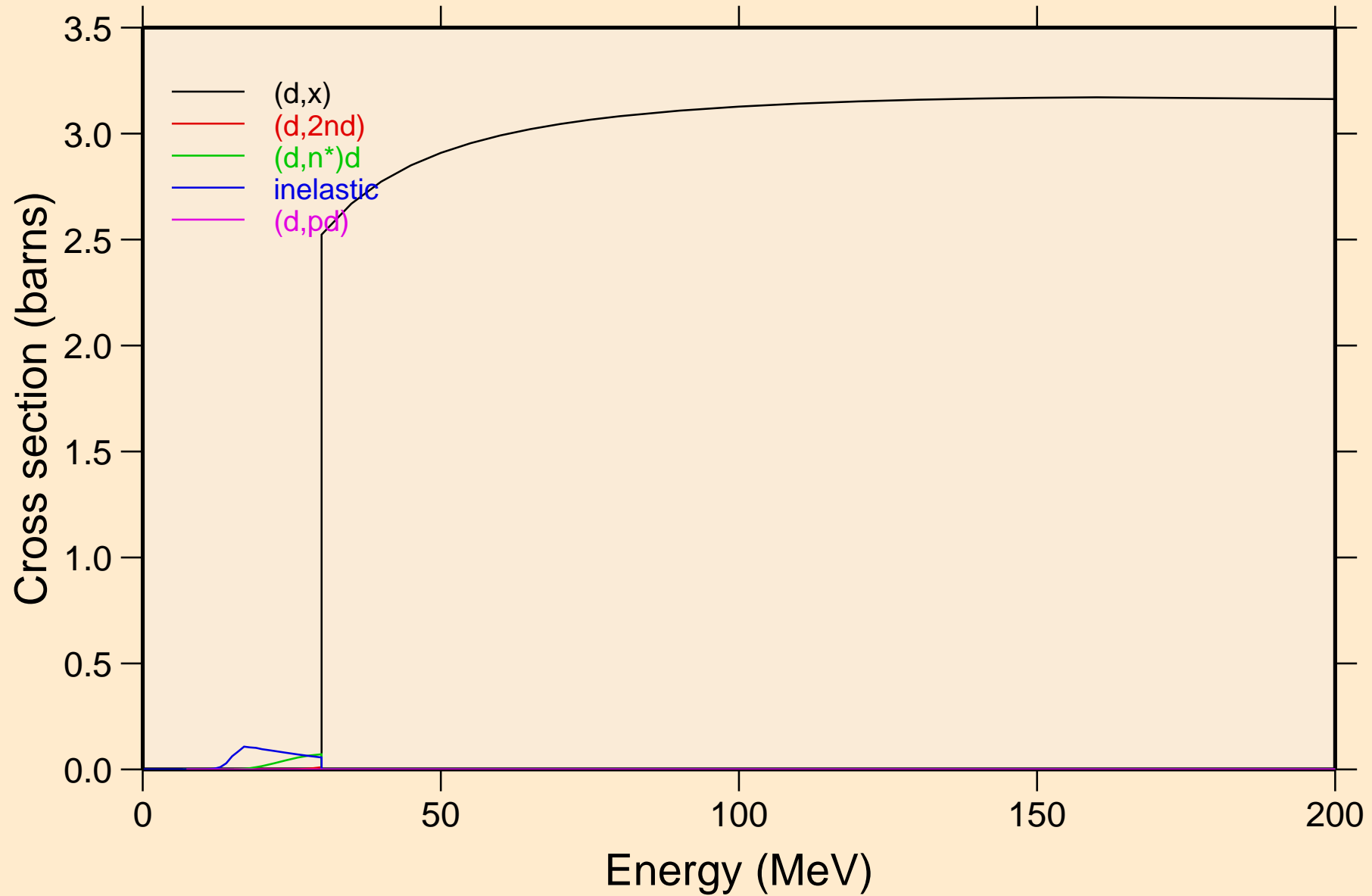
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## Heating



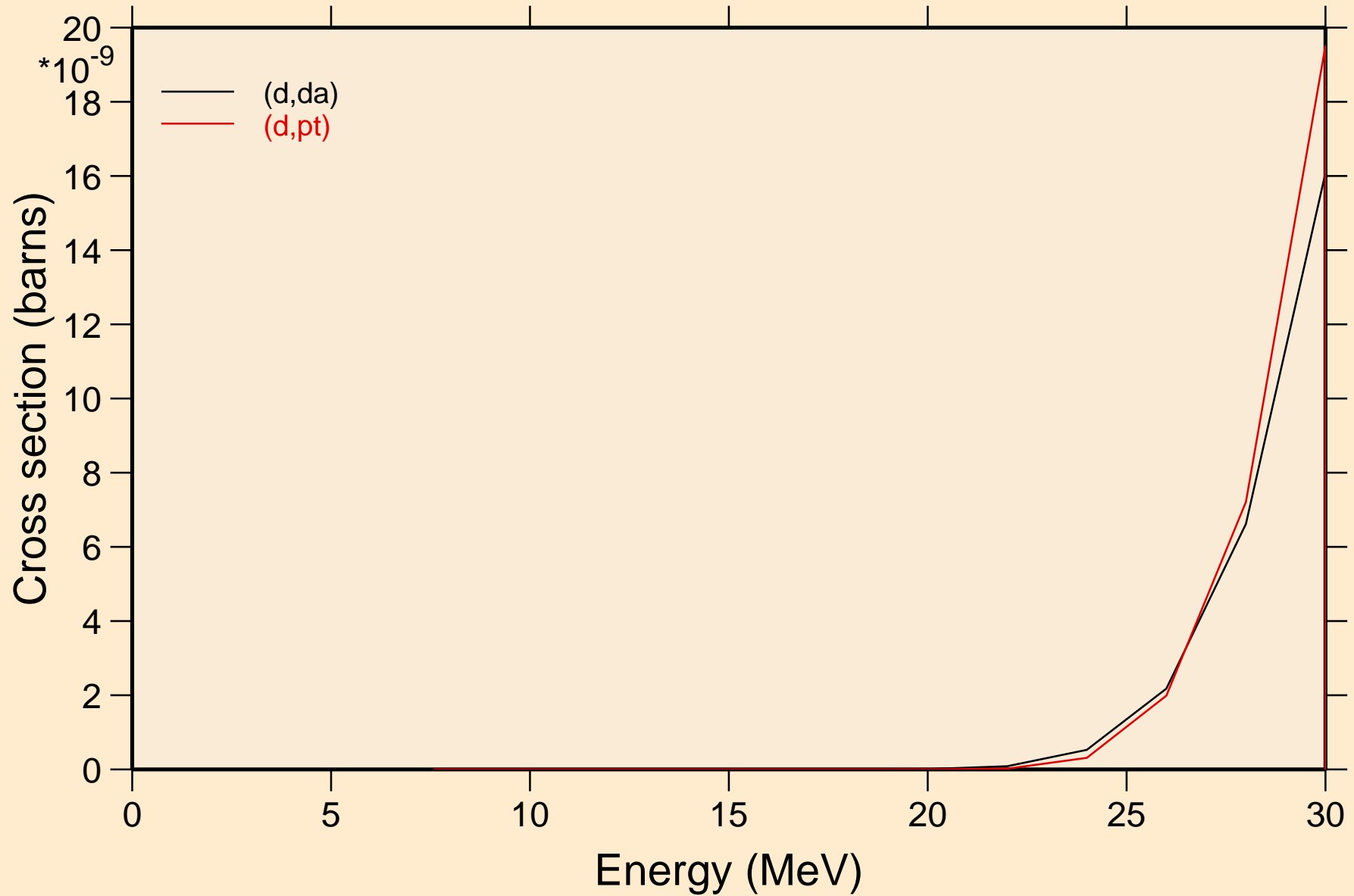
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## Threshold reactions

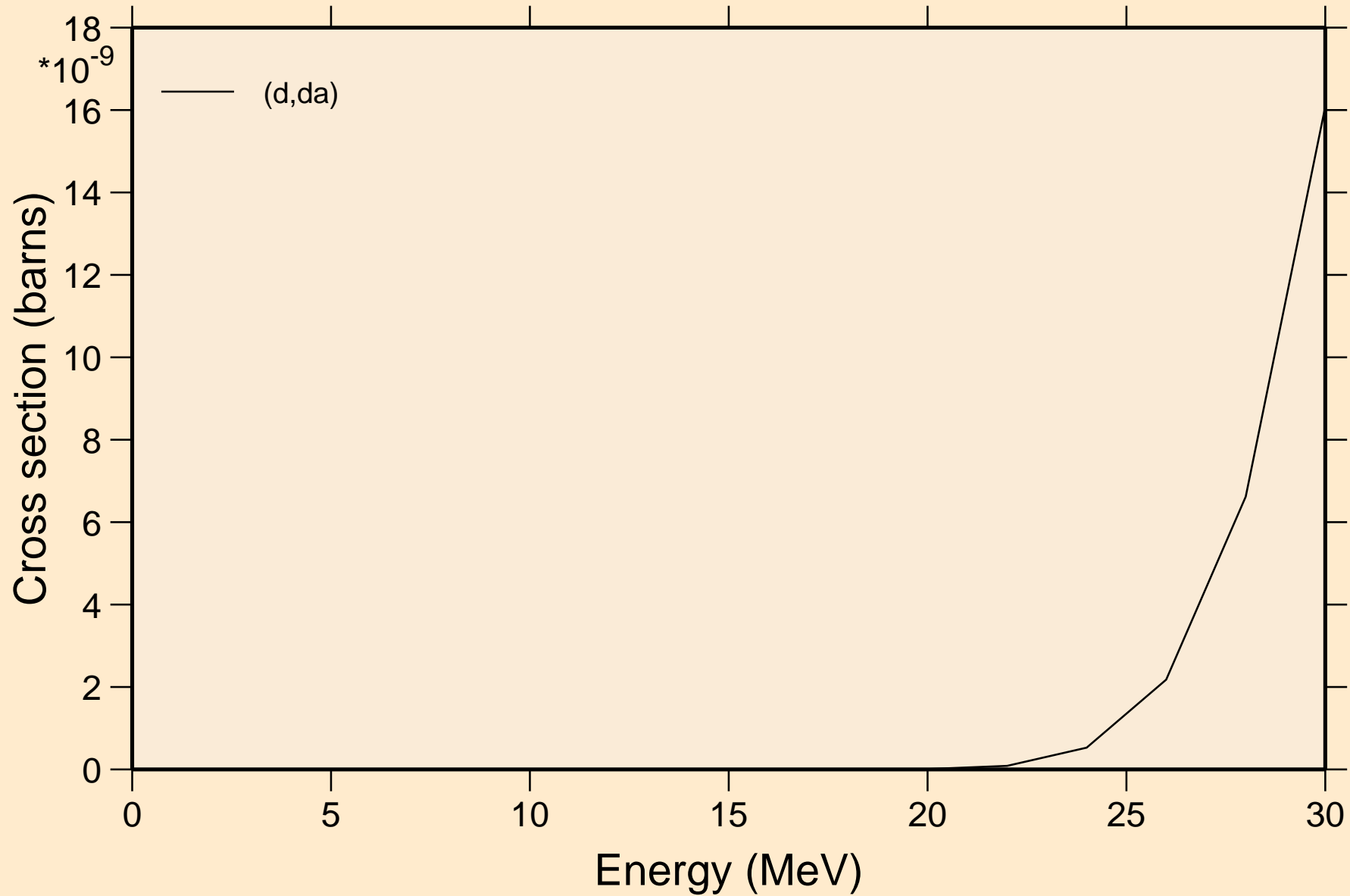


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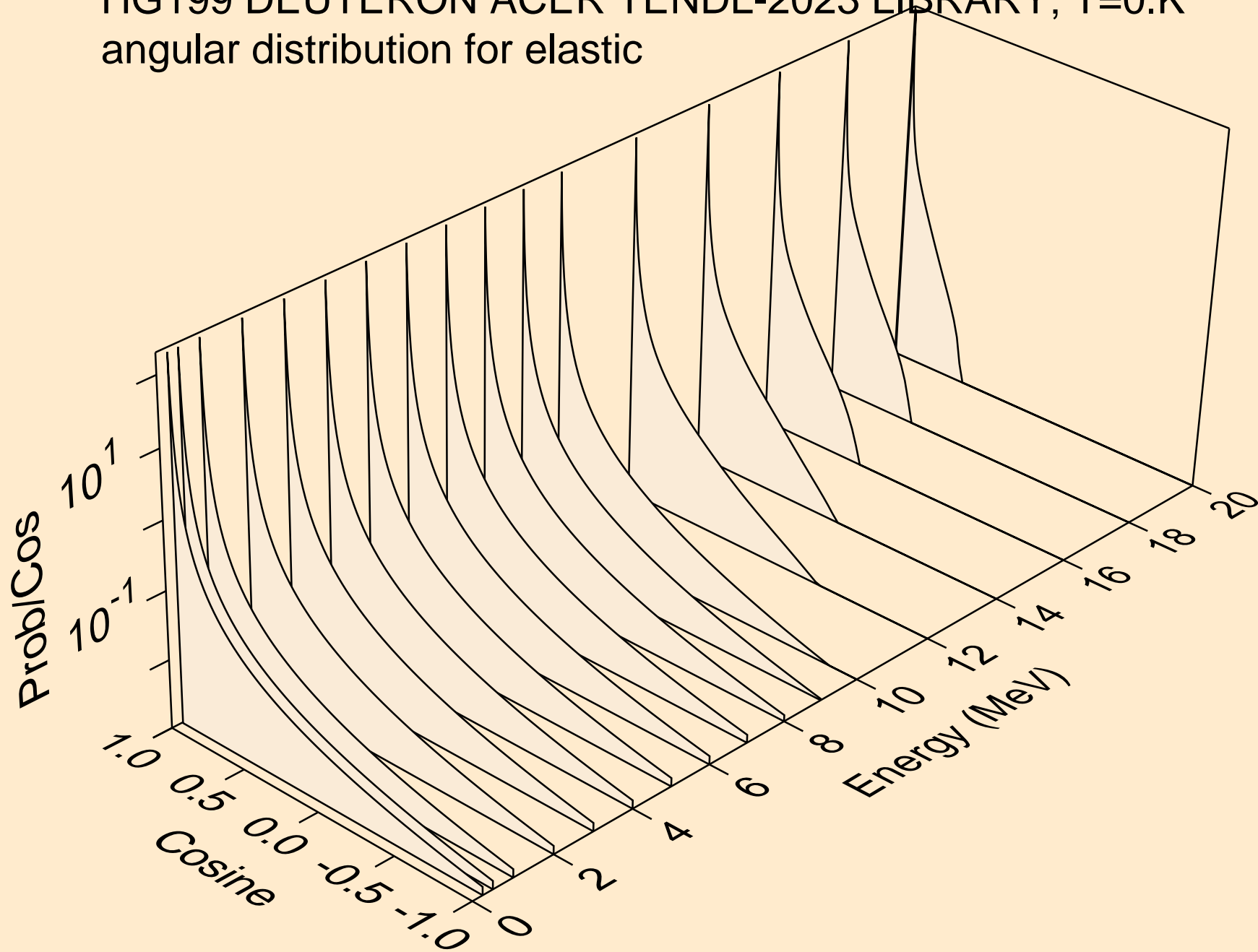
## Threshold reactions



HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

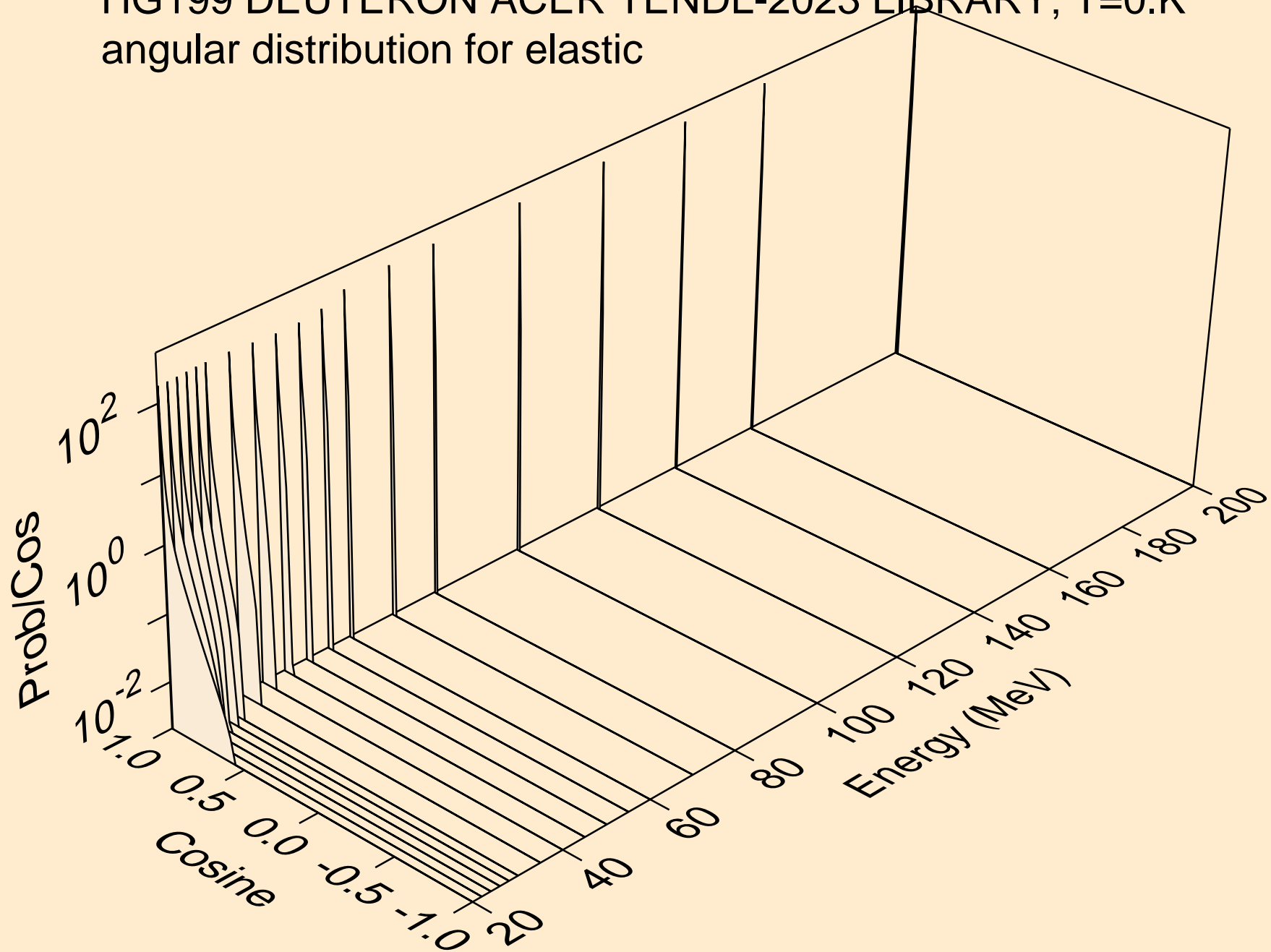


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angular distribution for elastic

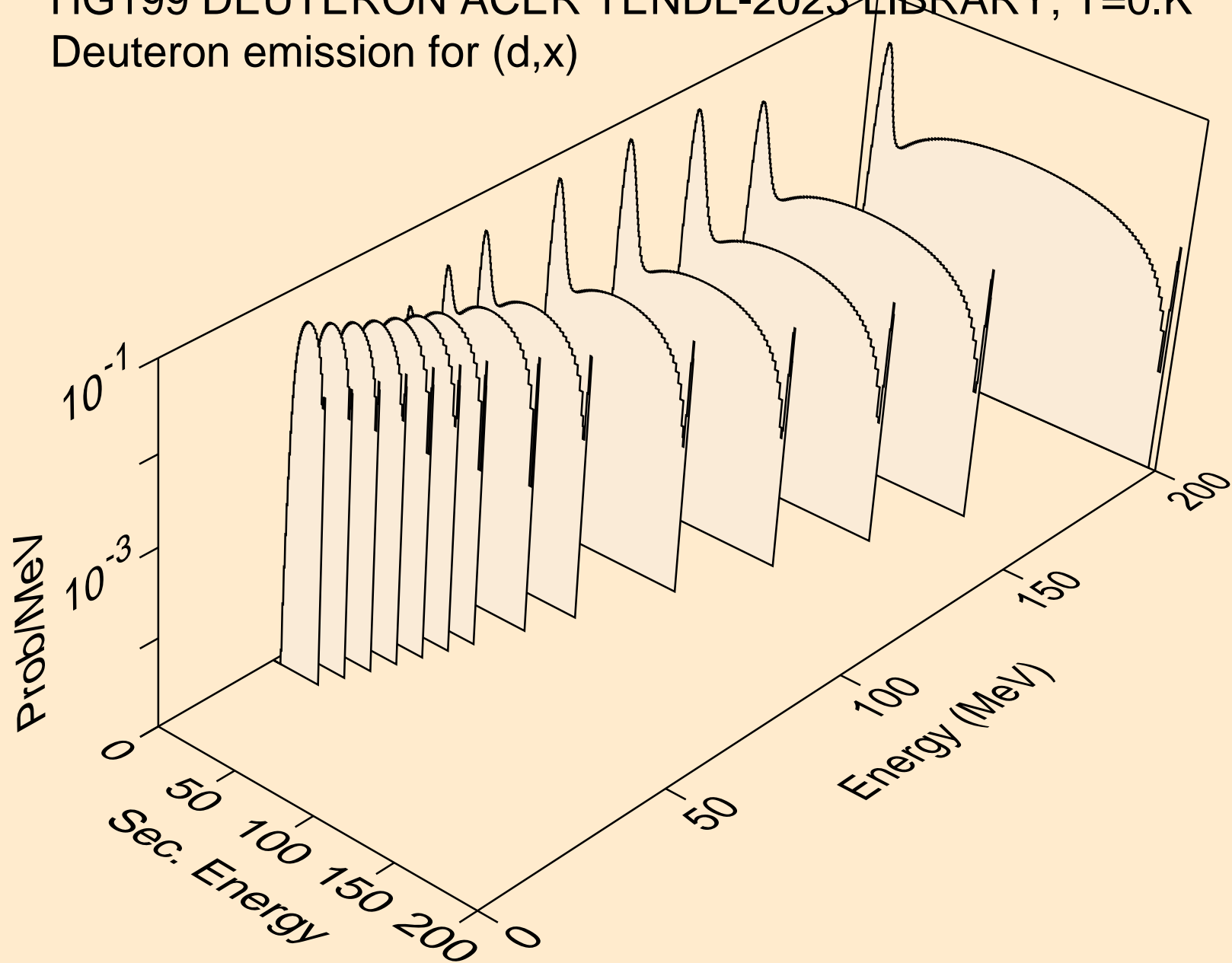




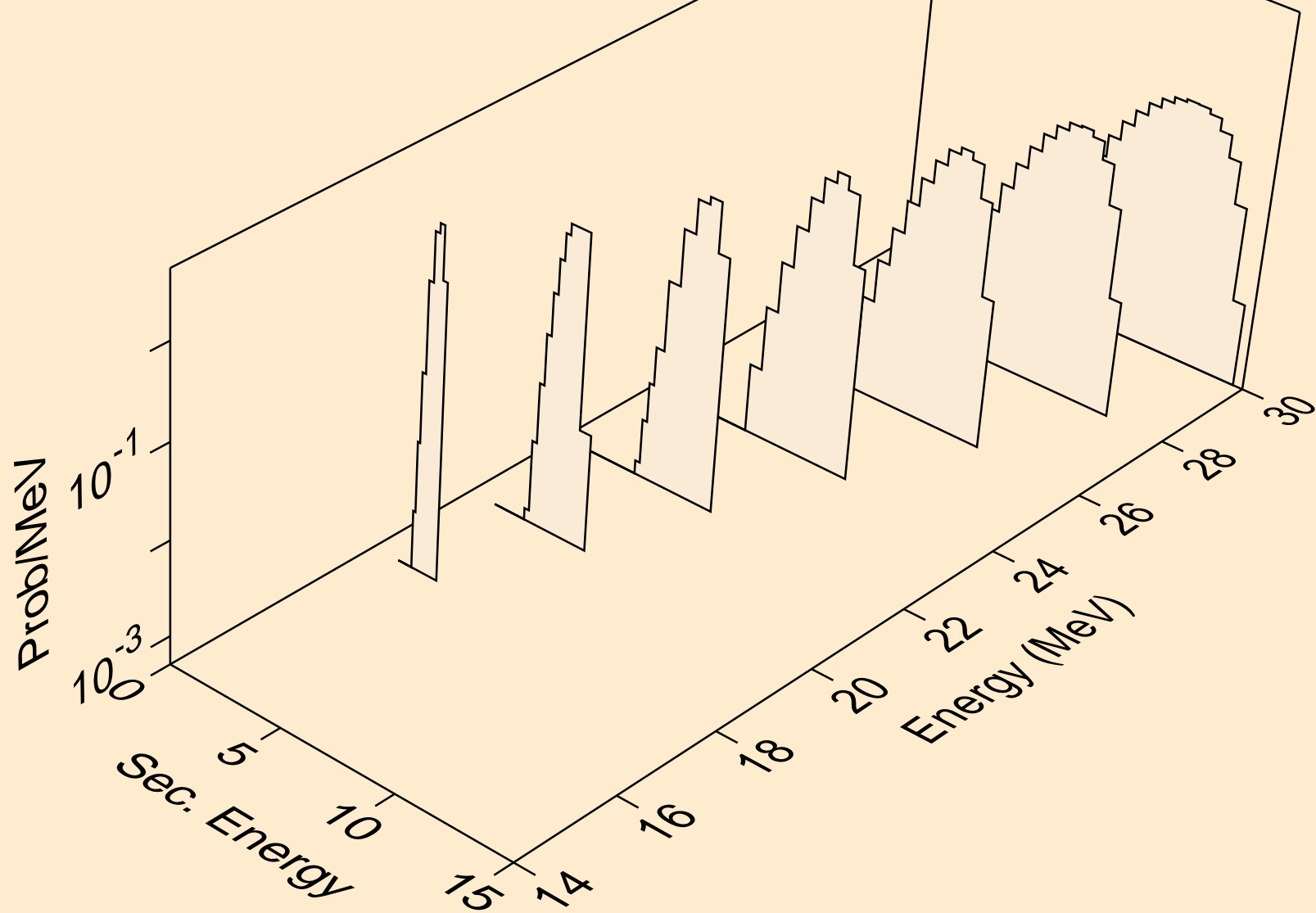
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angular distribution for elastic



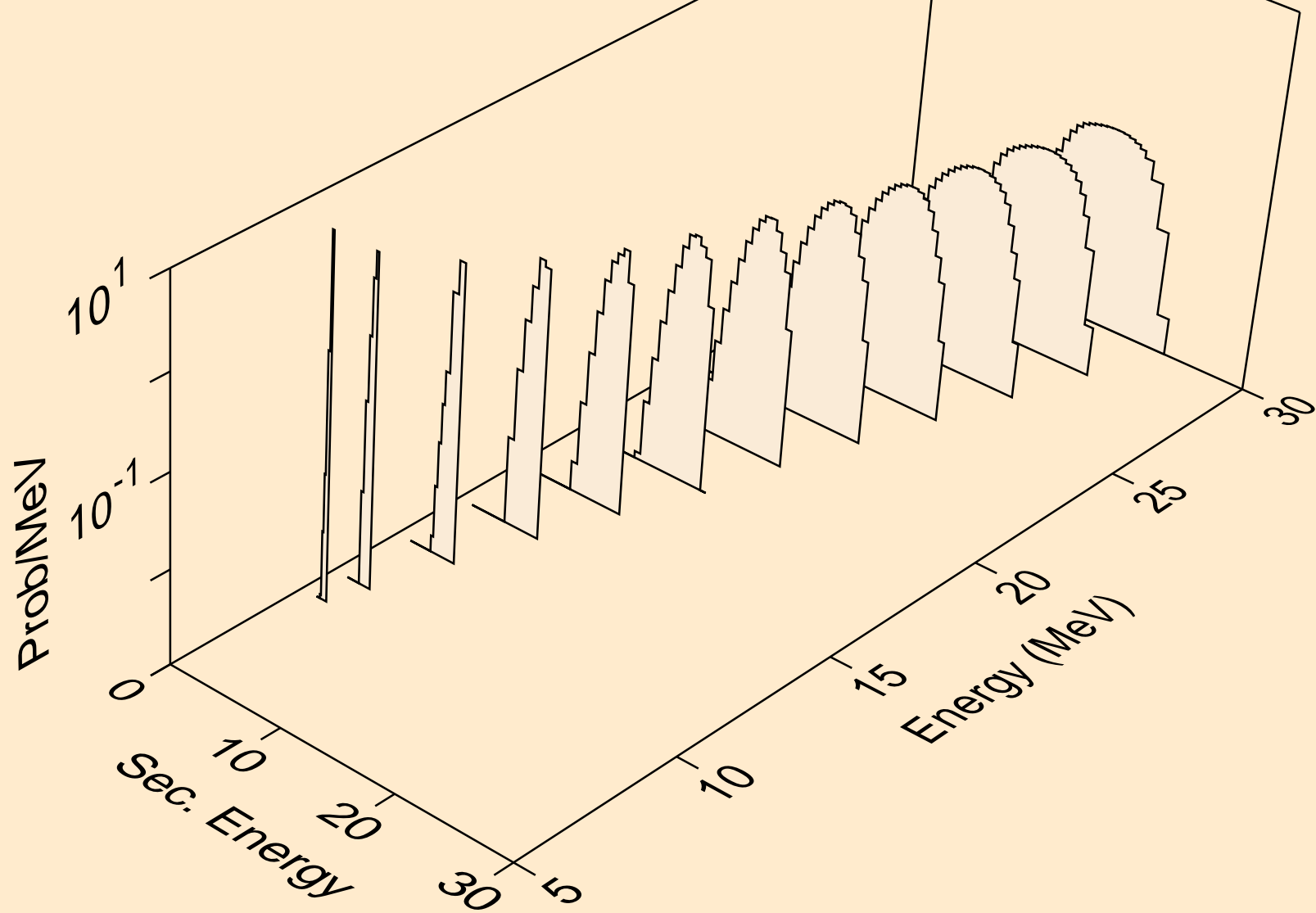
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Deuteron emission for (d,x)



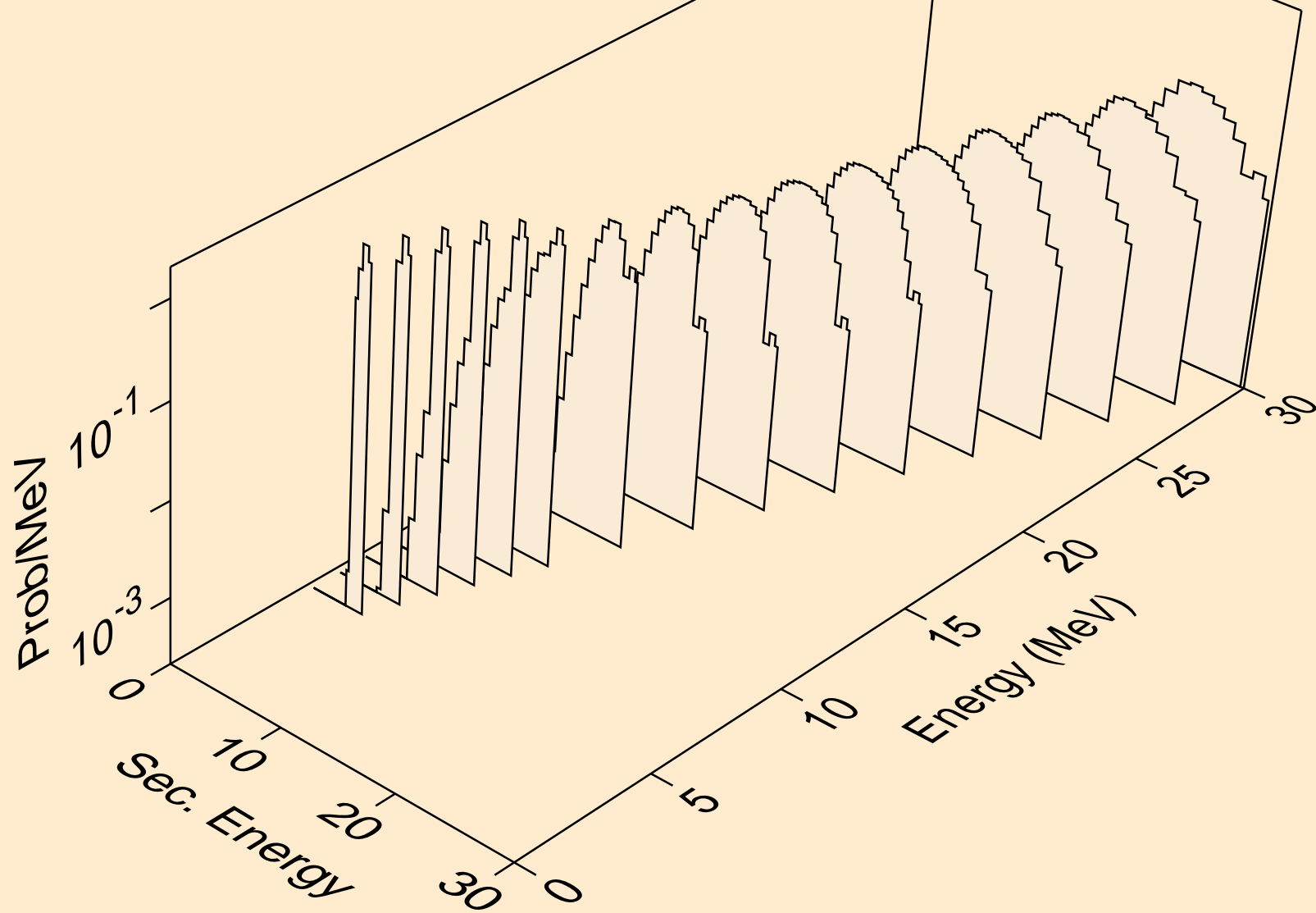
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Deuteron emission for (d,2nd)



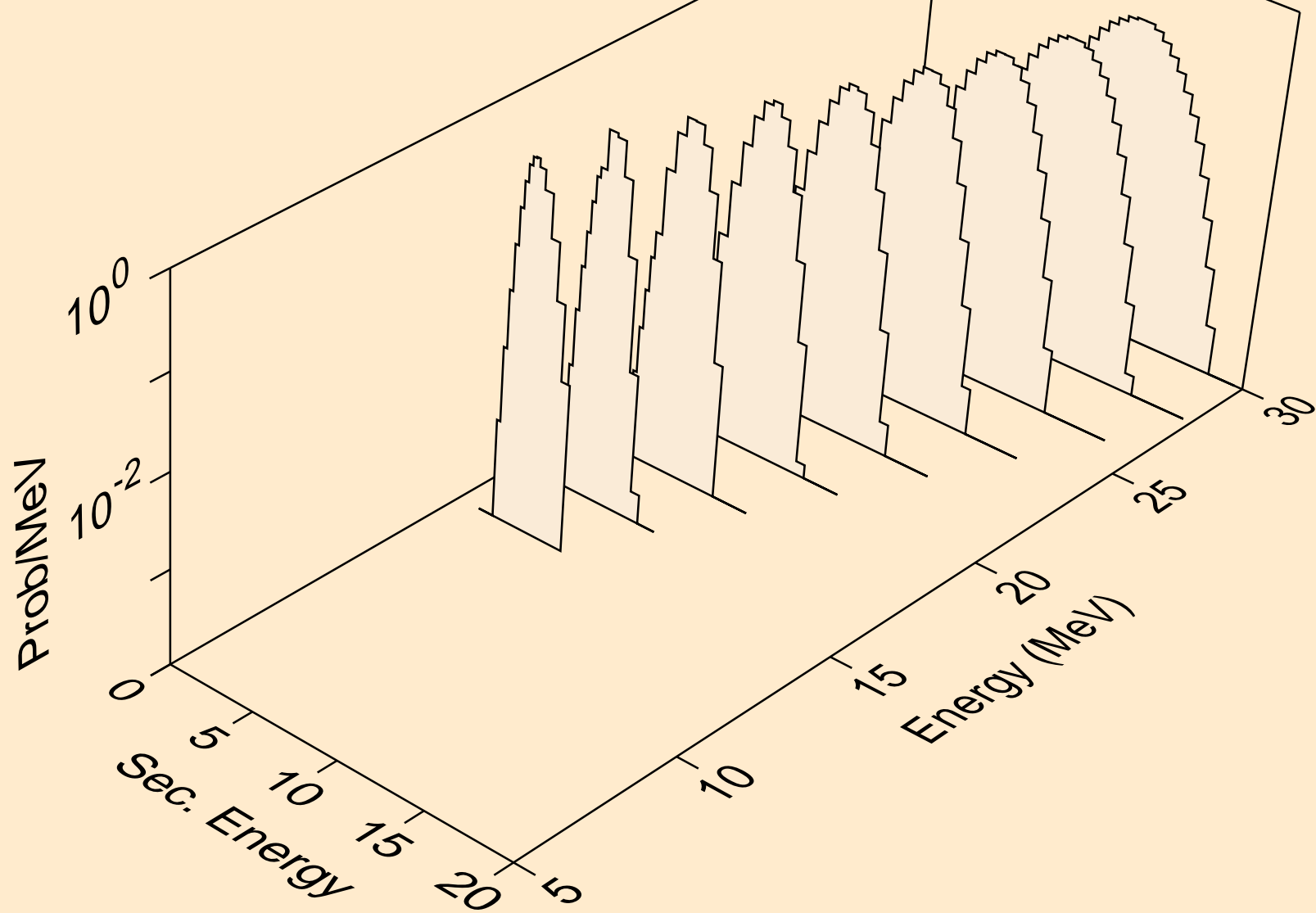
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Deuteron emission for (d,n\*)d



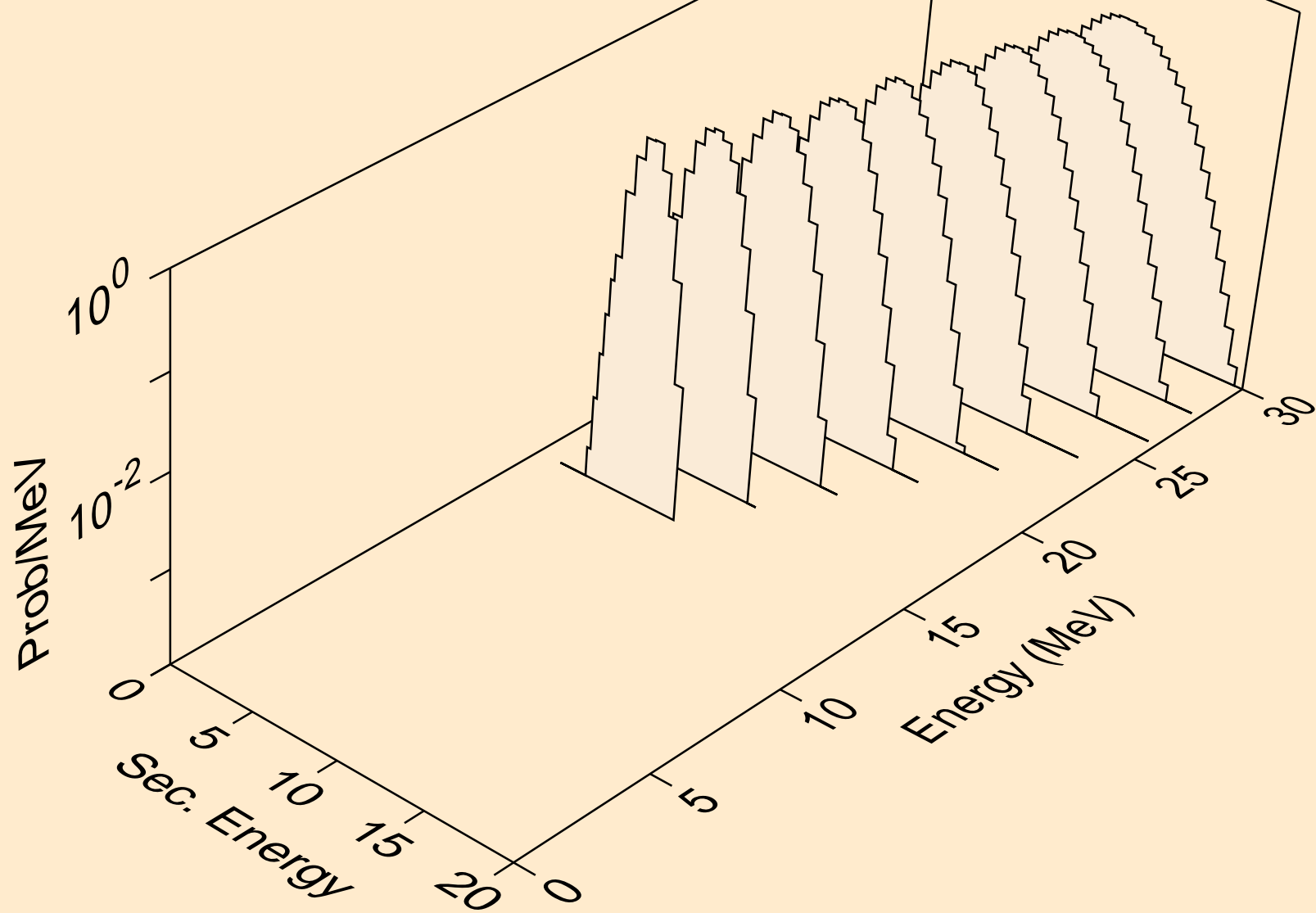
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Deuteron emission for inelastic



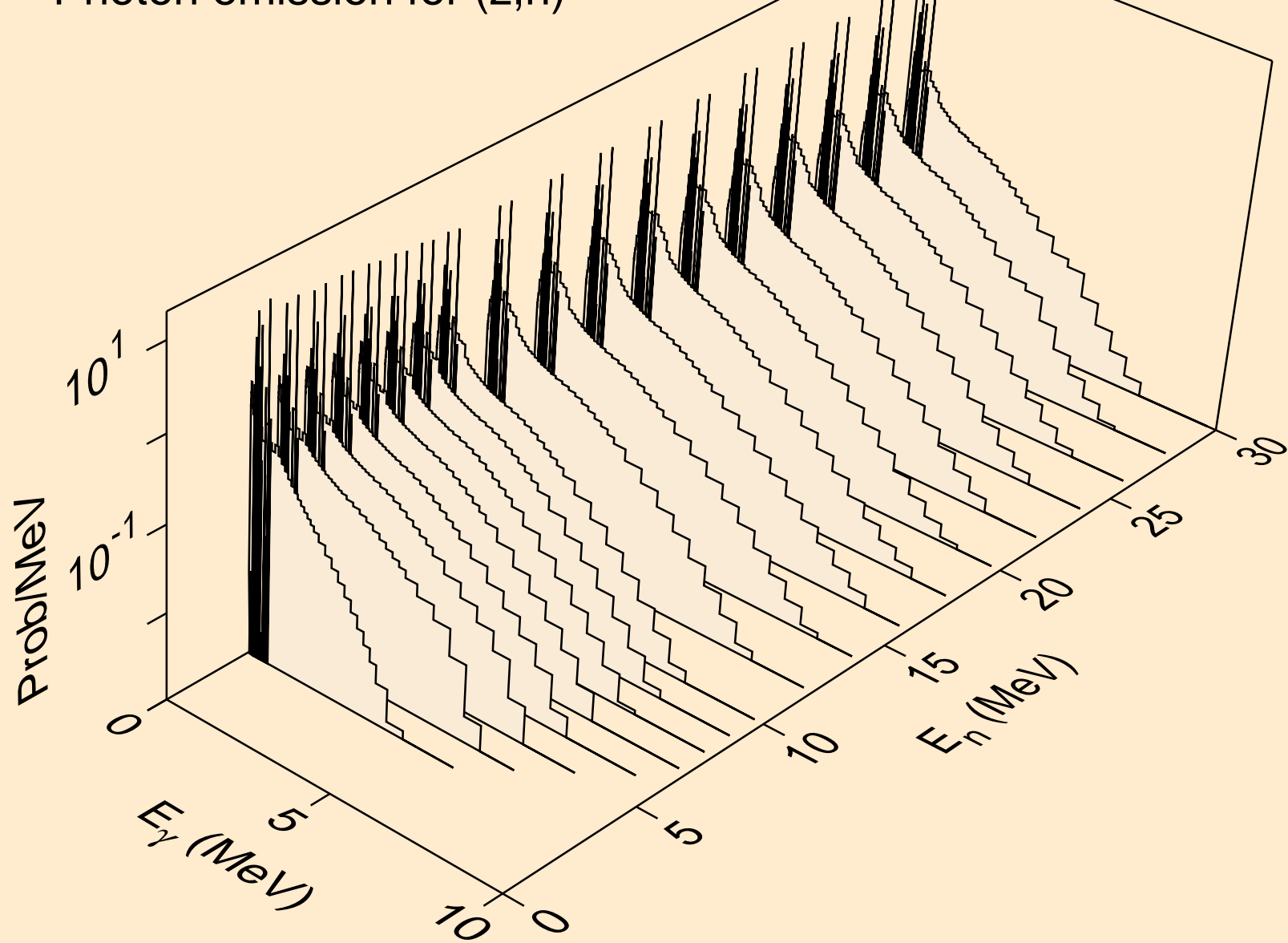
HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)



HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,da)

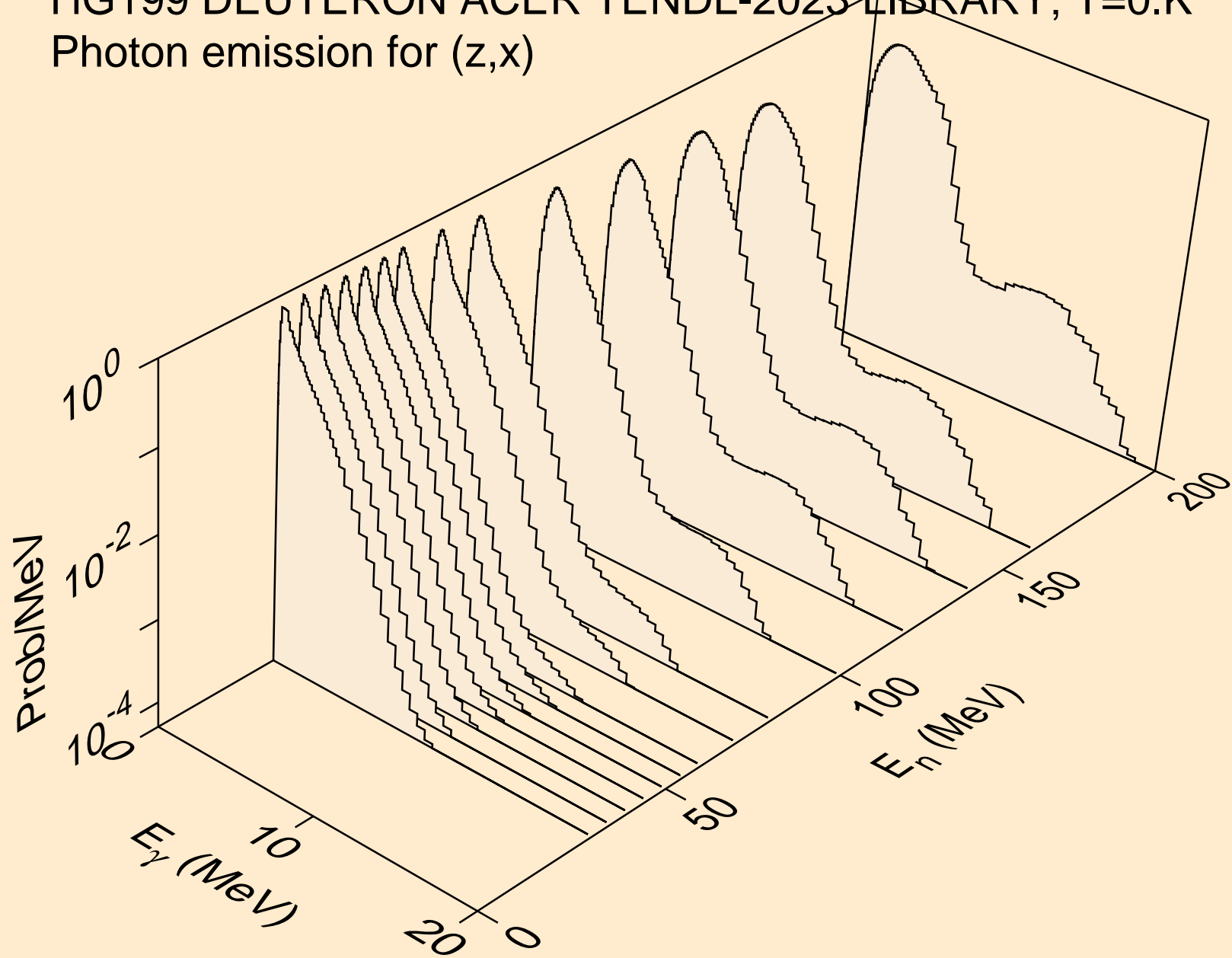


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Photon emission for (z,n)

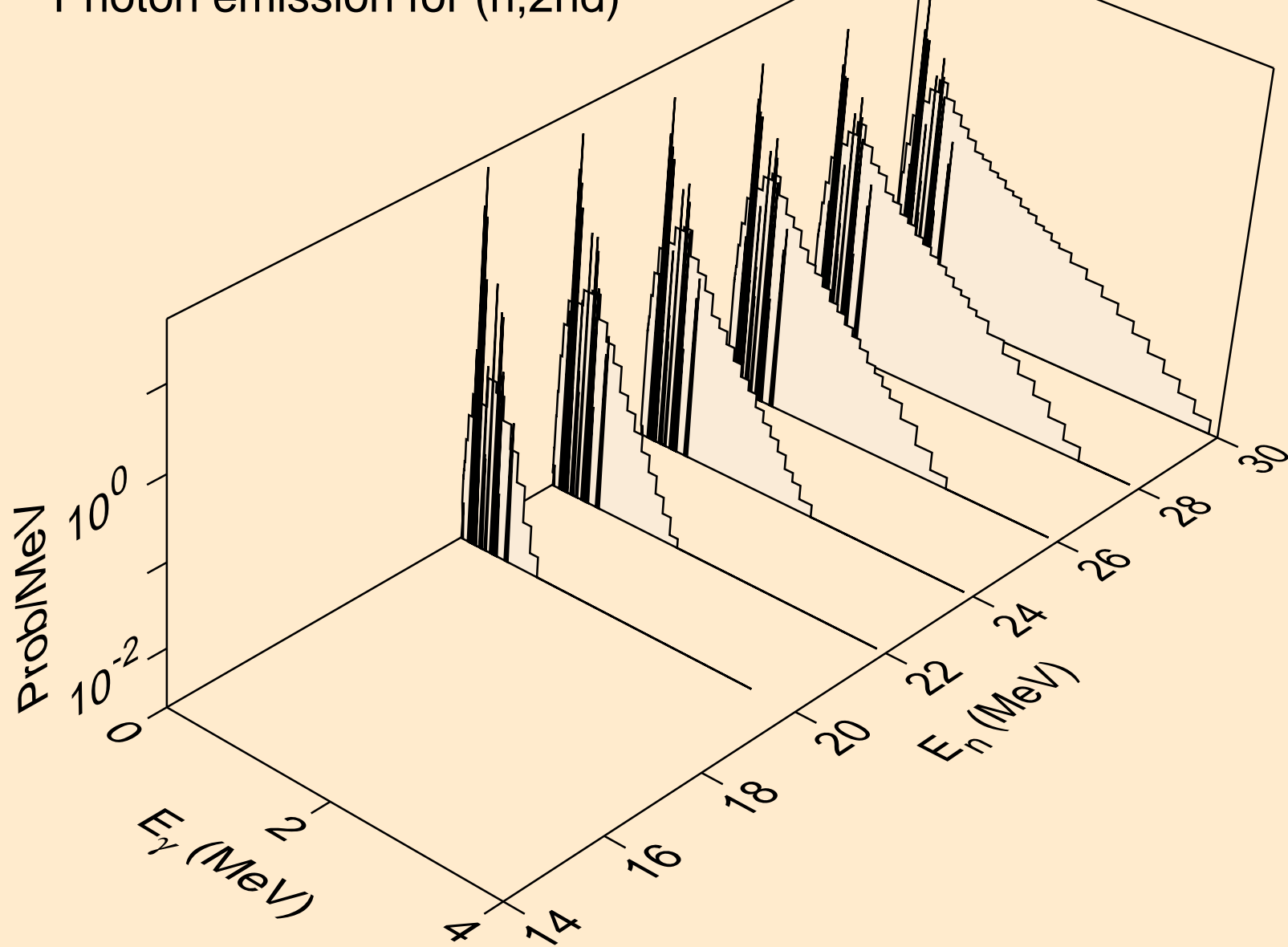




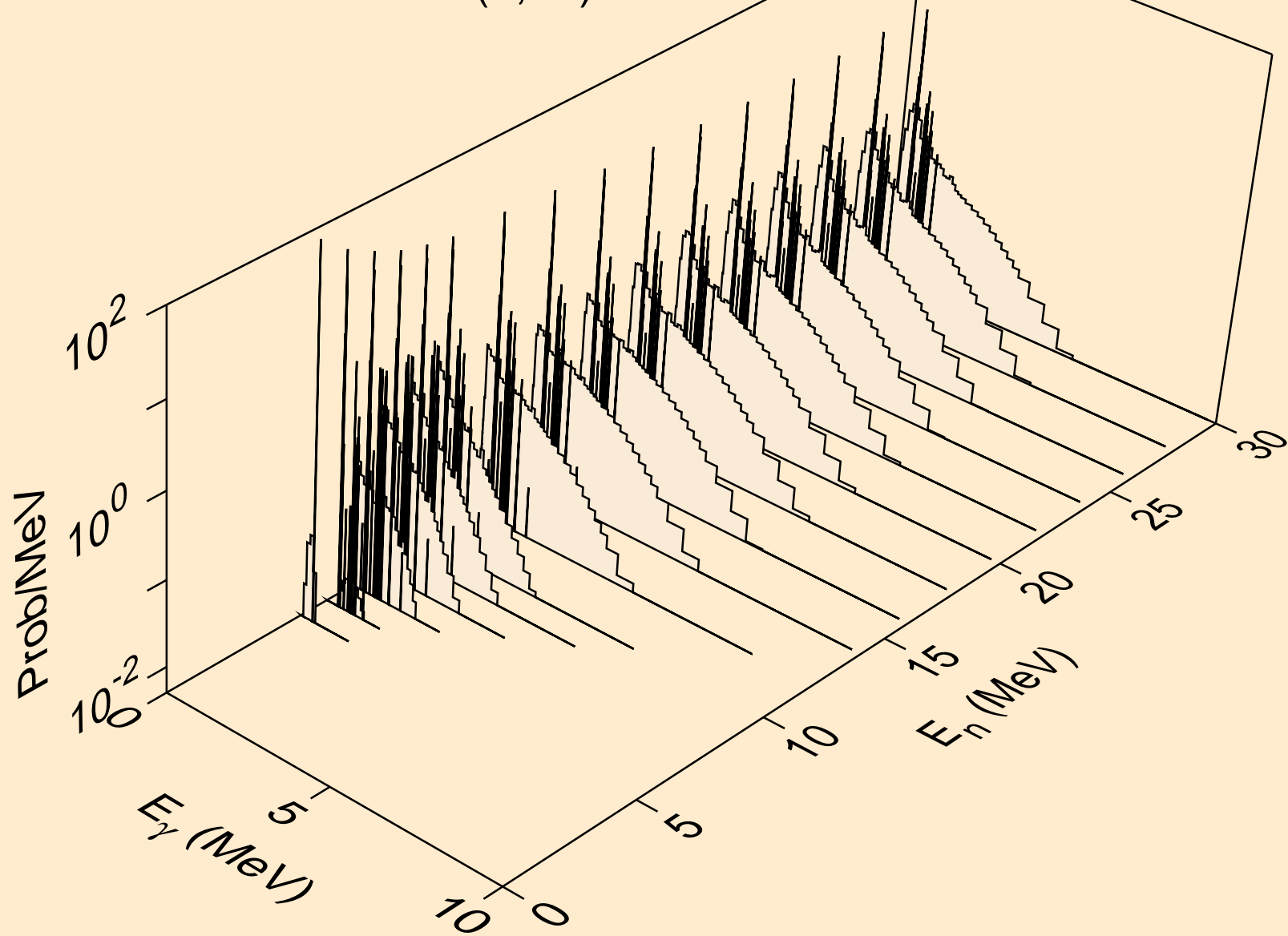
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Photon emission for (z,x)



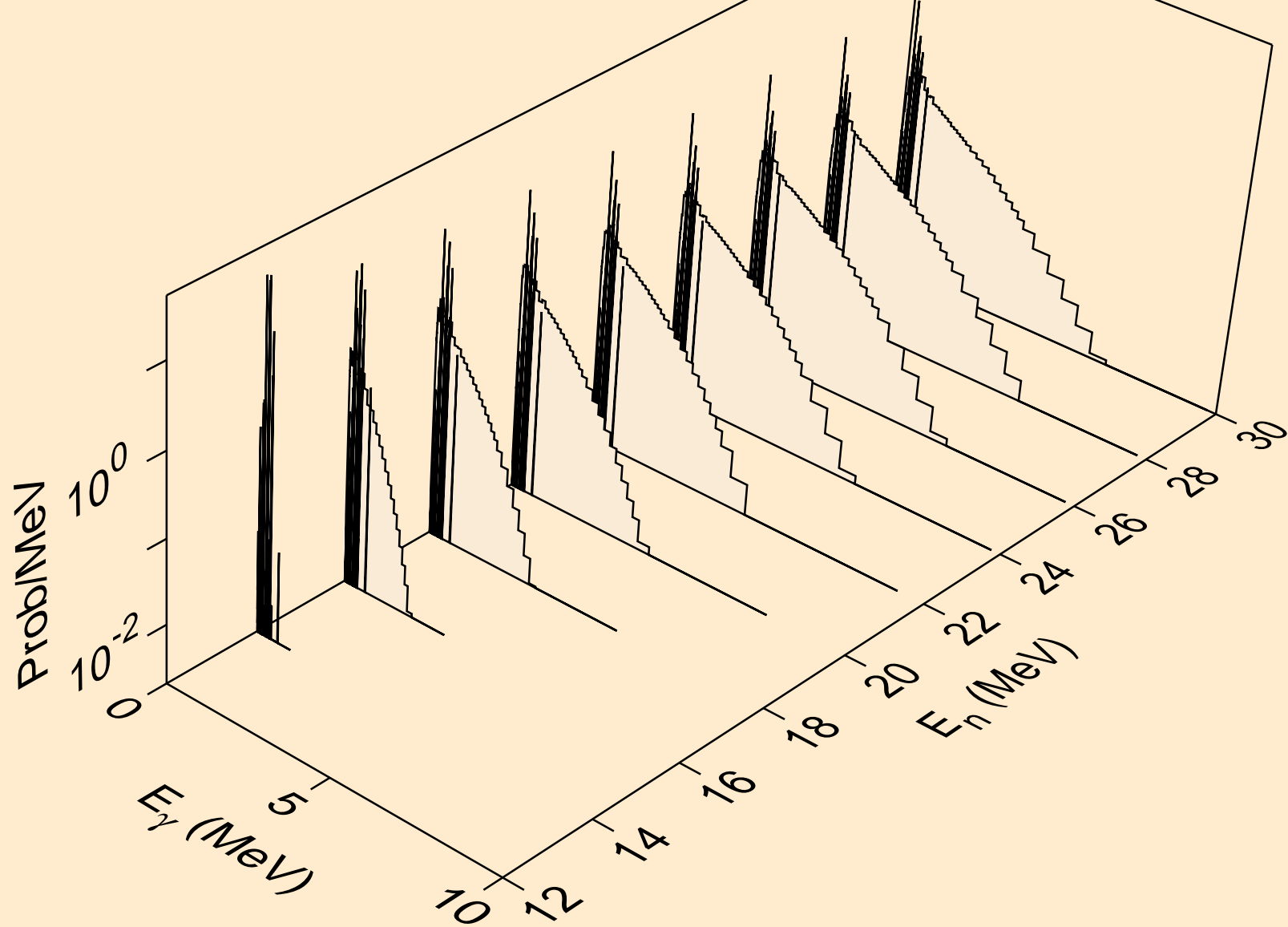
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Photon emission for (n,2nd)



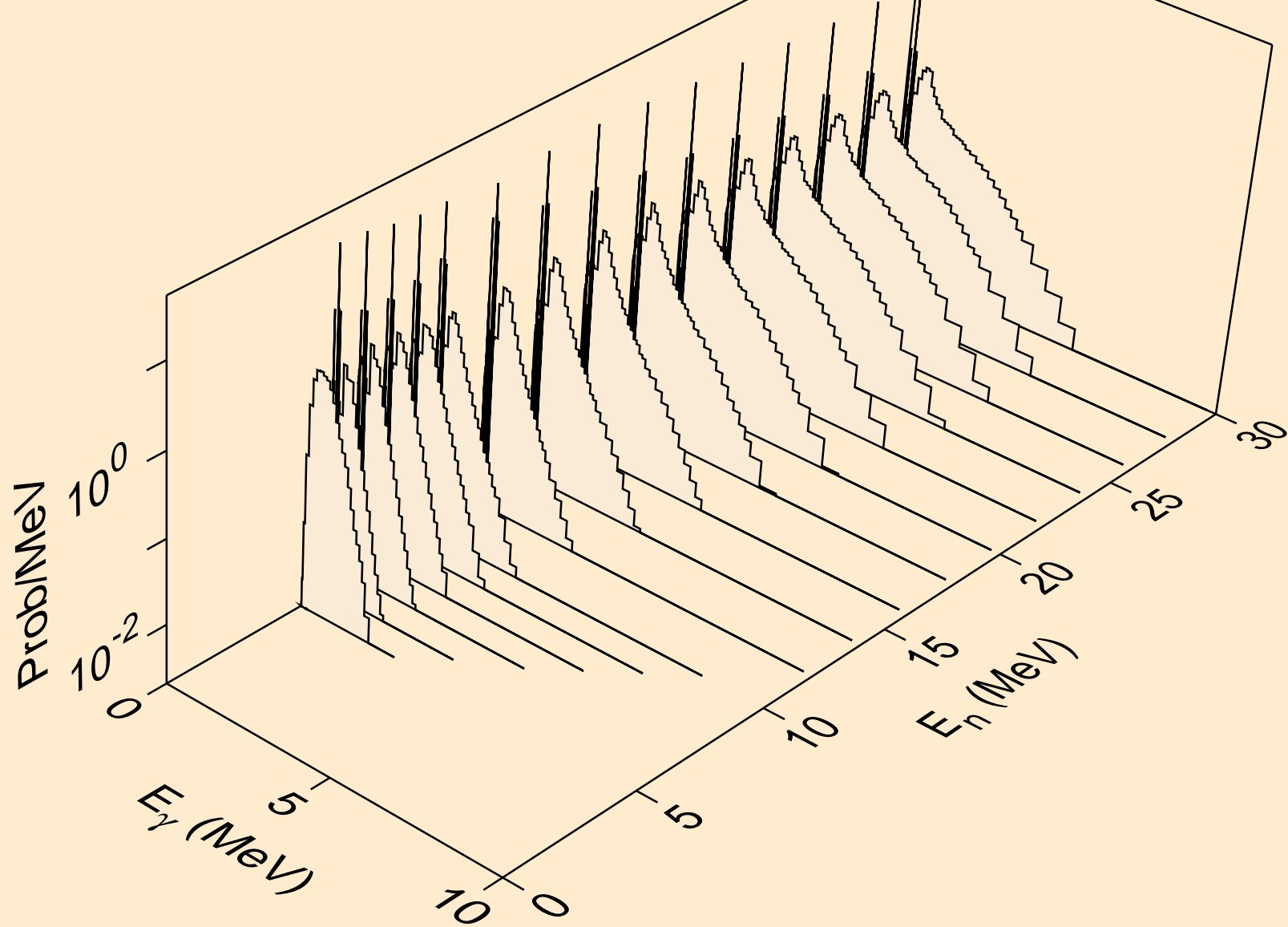
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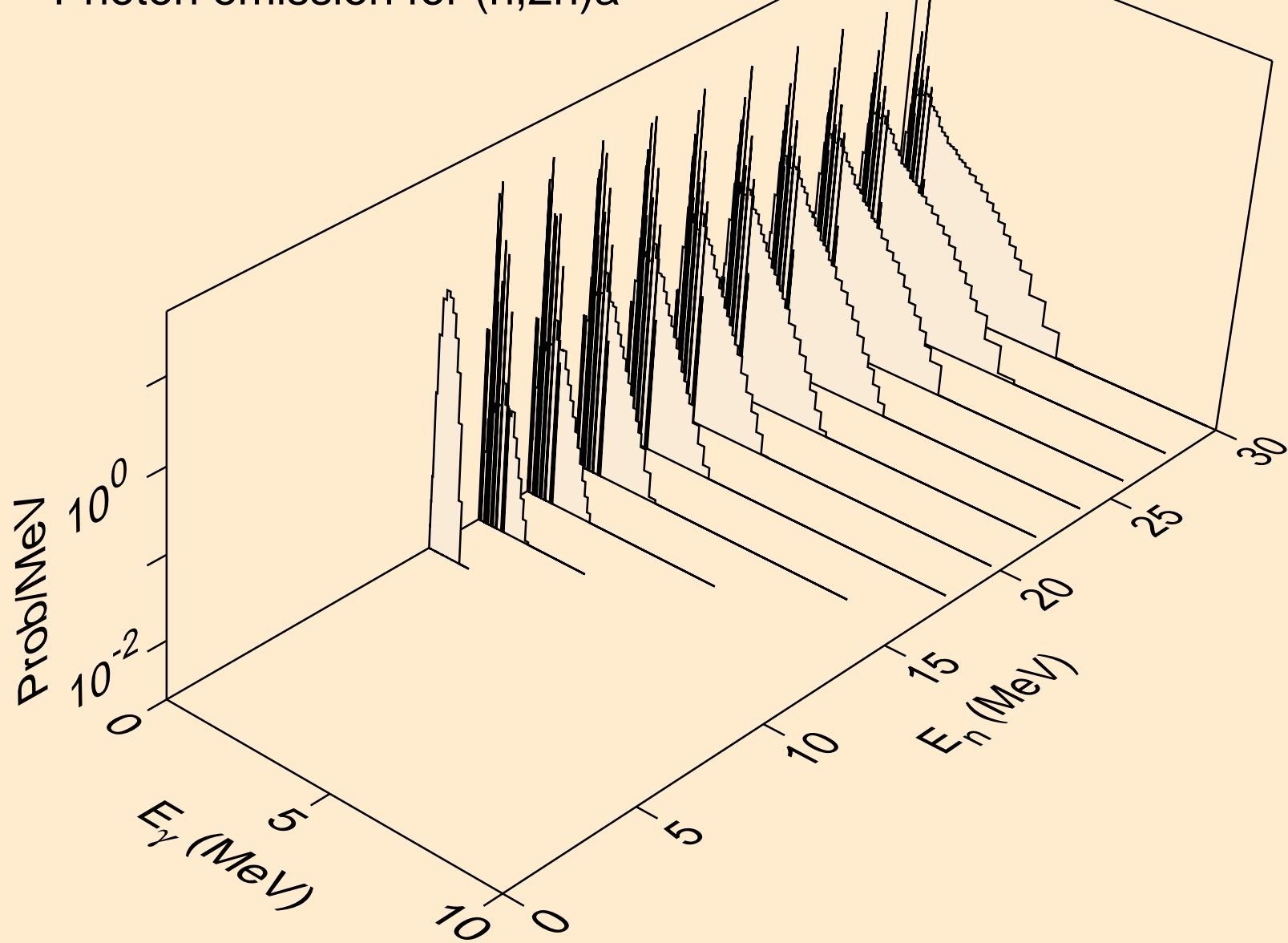
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Photon emission for (n,3n)



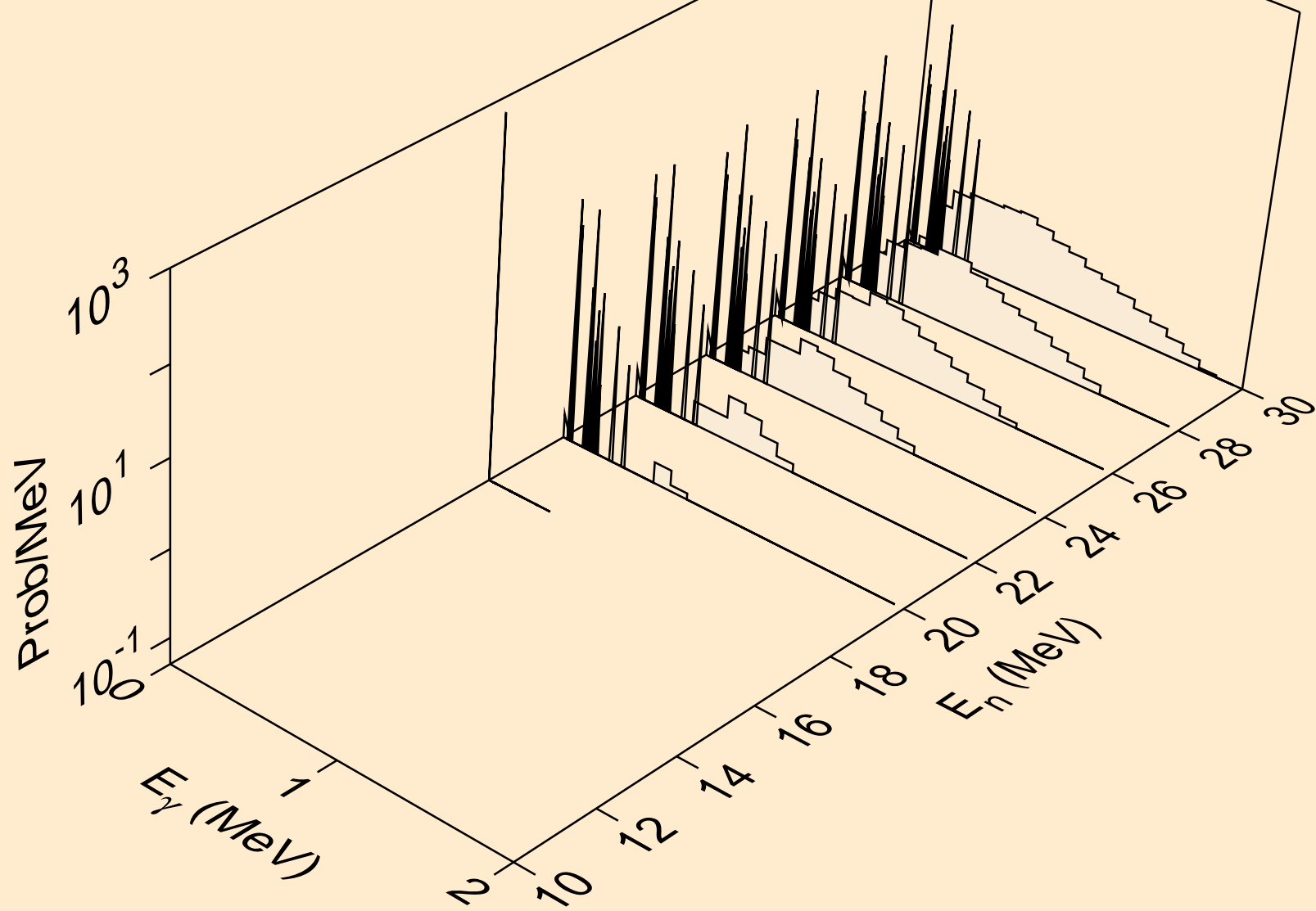
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Photon emission for (n,n\*)a



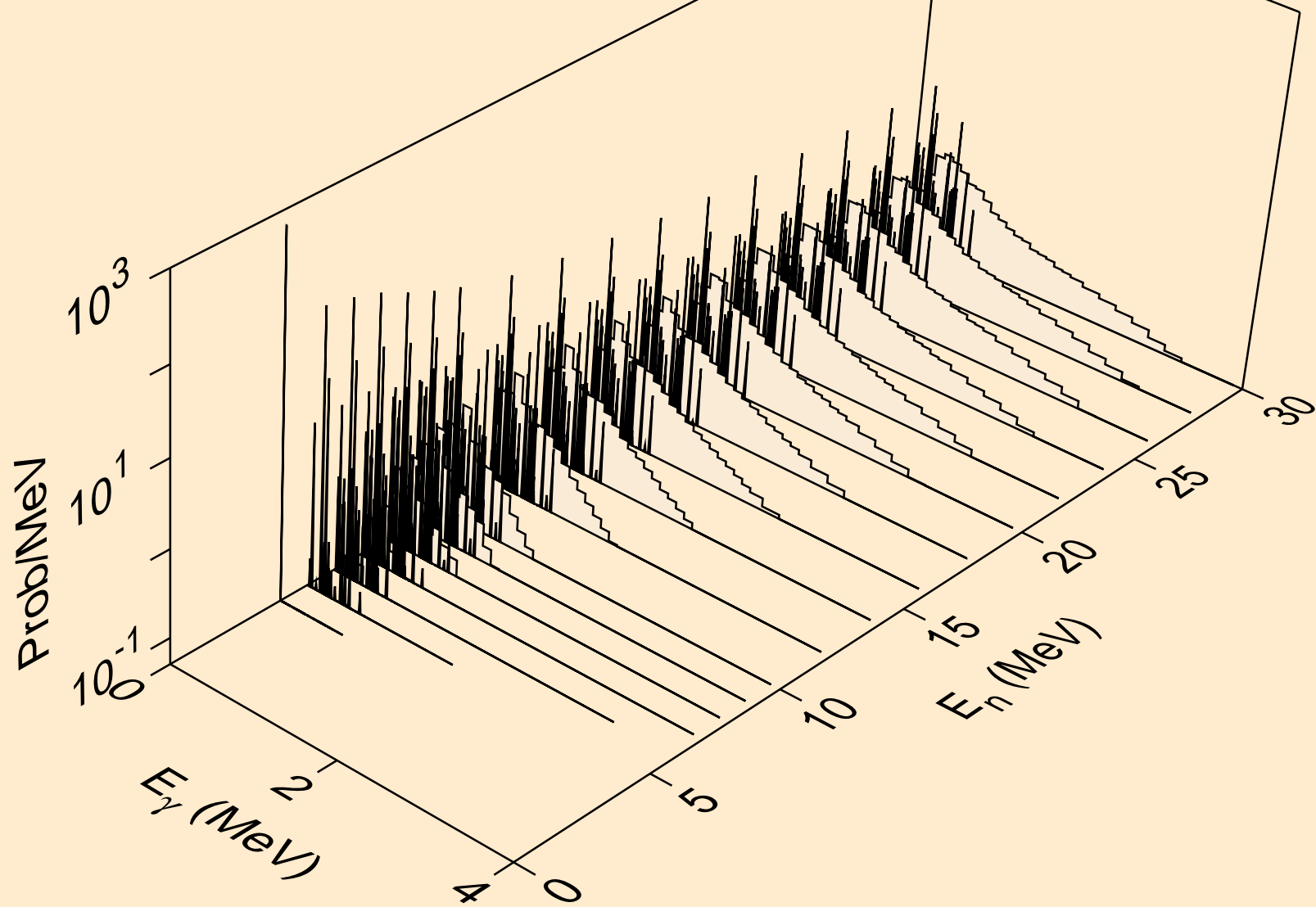
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Photon emission for (n,2n)a



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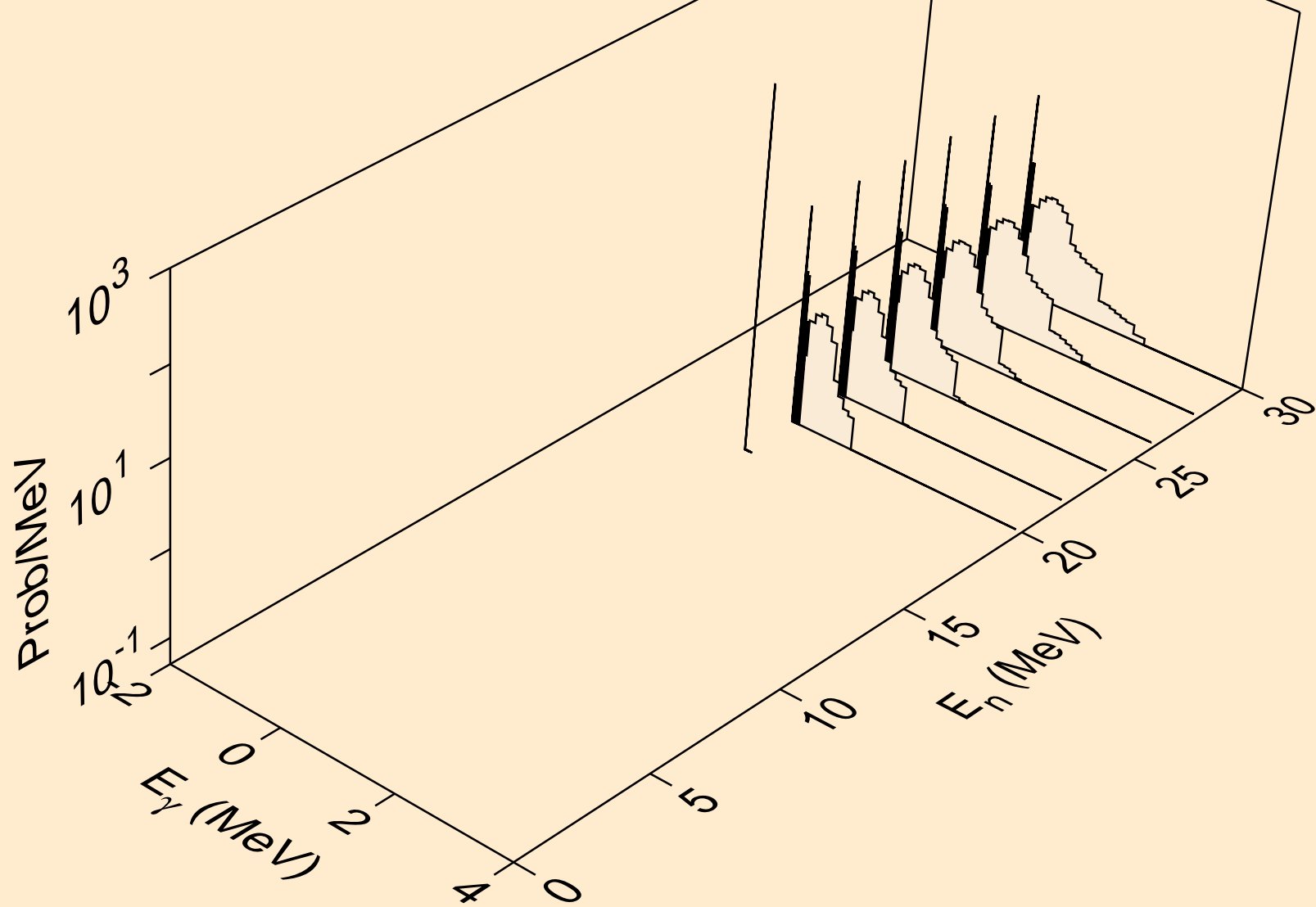


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Photon emission for (n,n\*)p

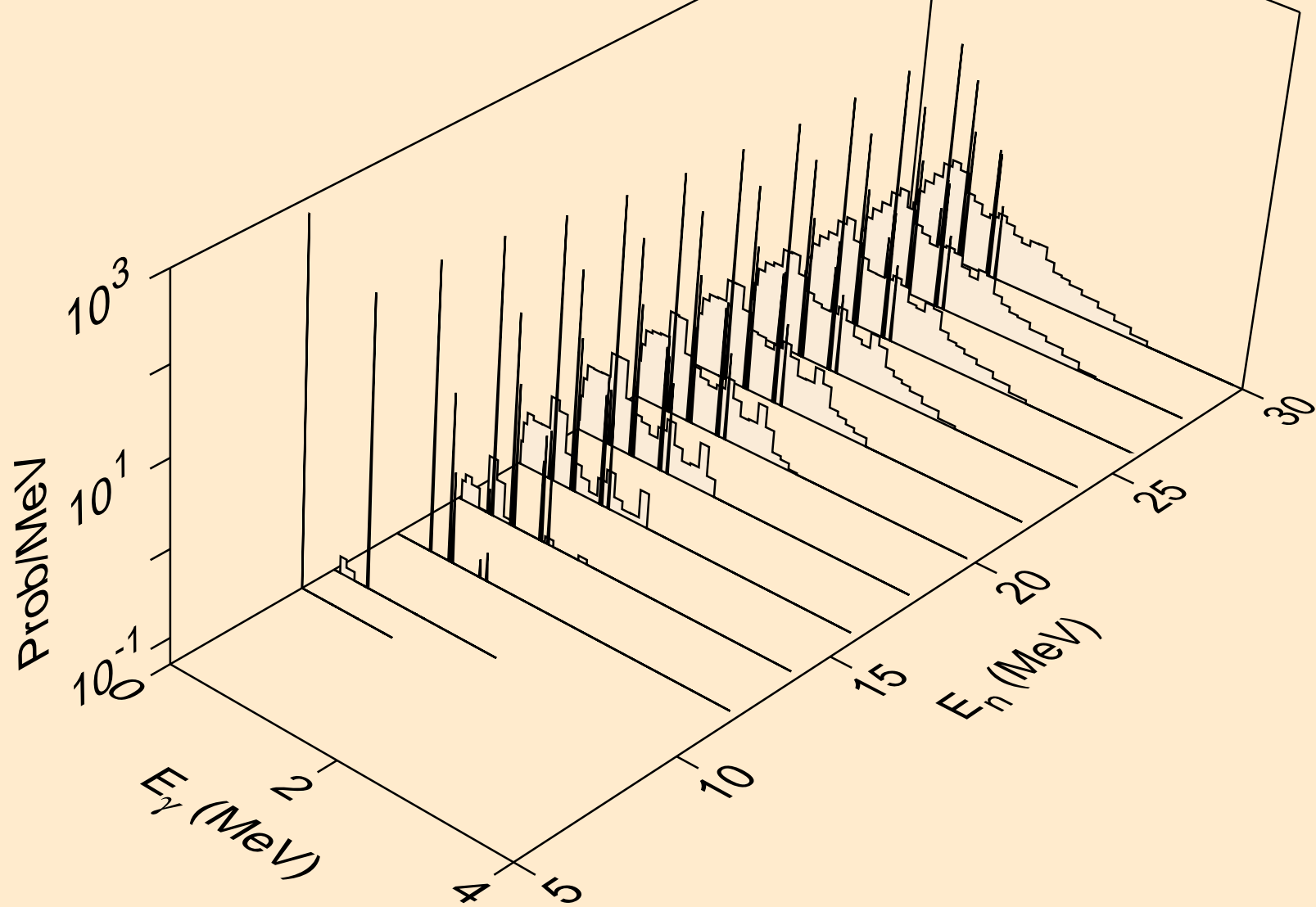




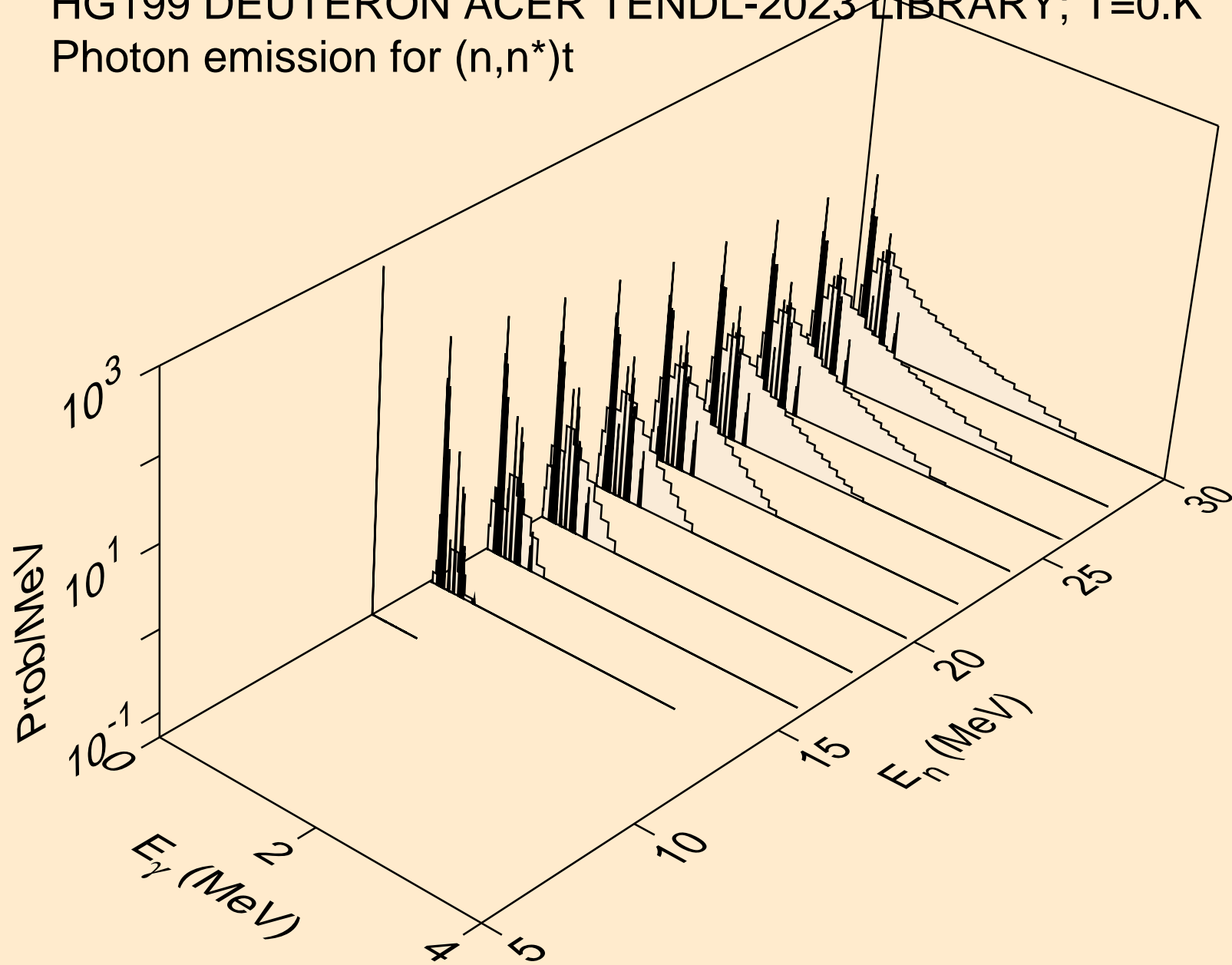
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Photon emission for (n,n\*)2a



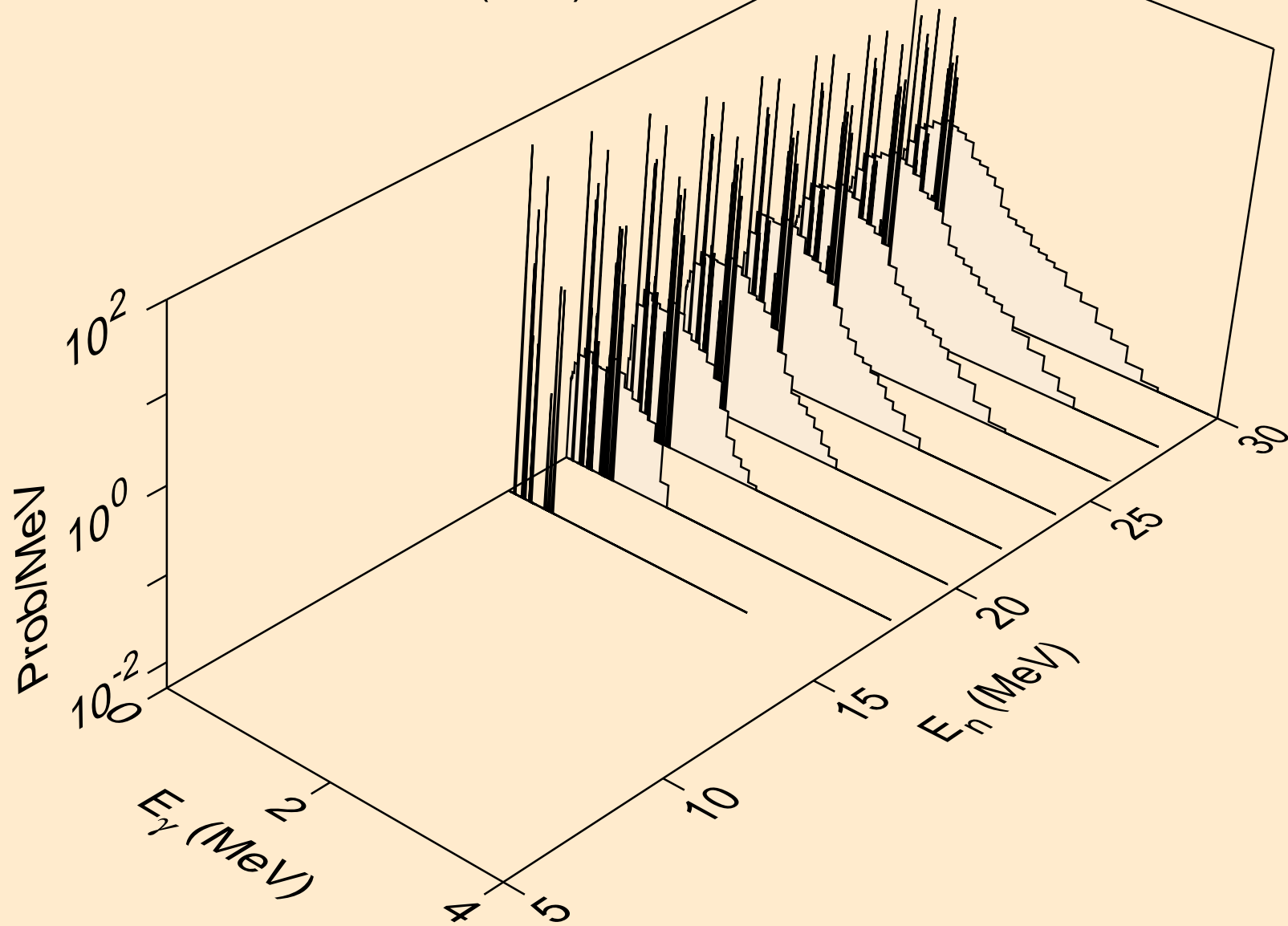
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Photon emission for (n,n\*)d



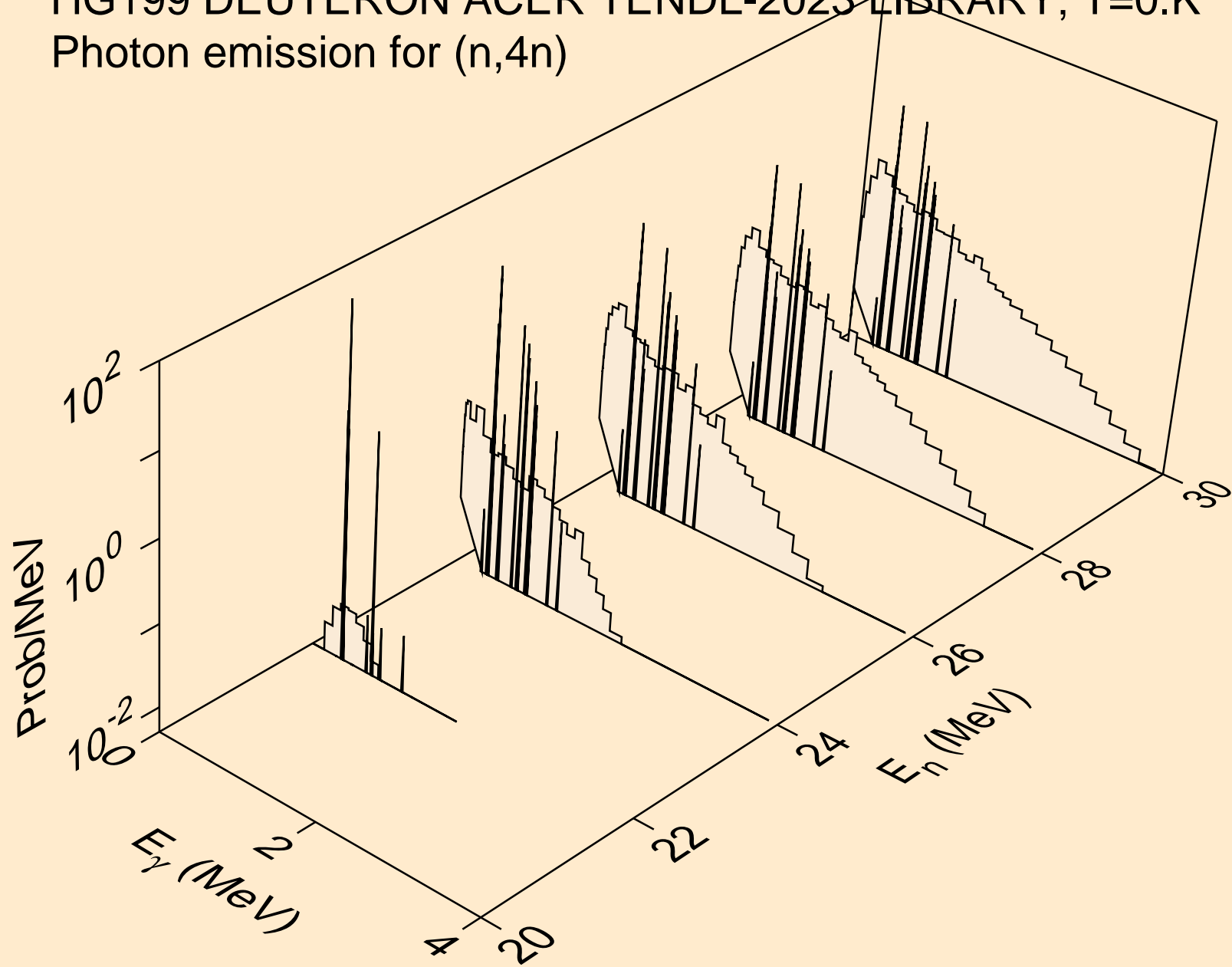
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Photon emission for (n,n\*)t



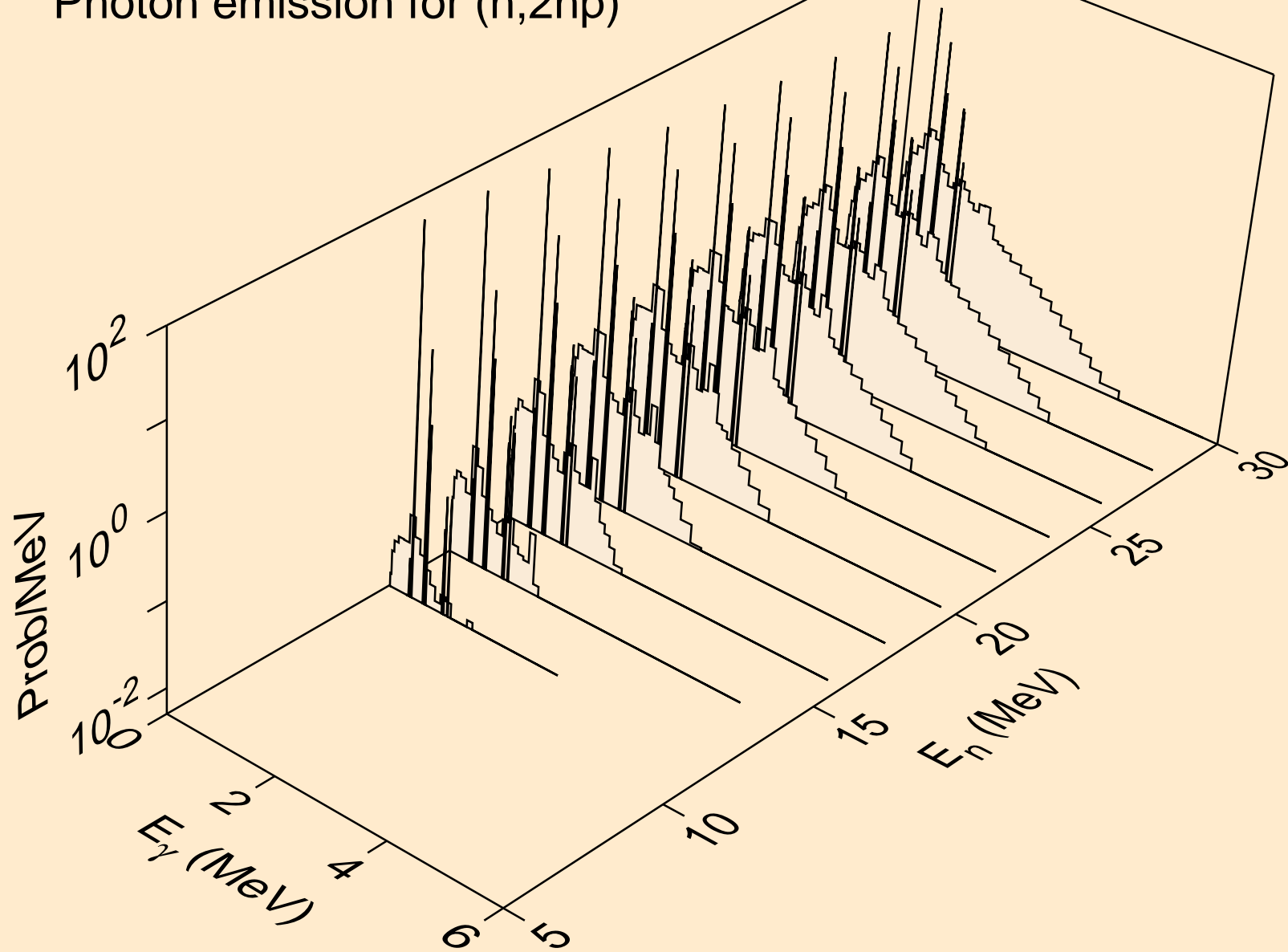
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Photon emission for (n,n\*)he3



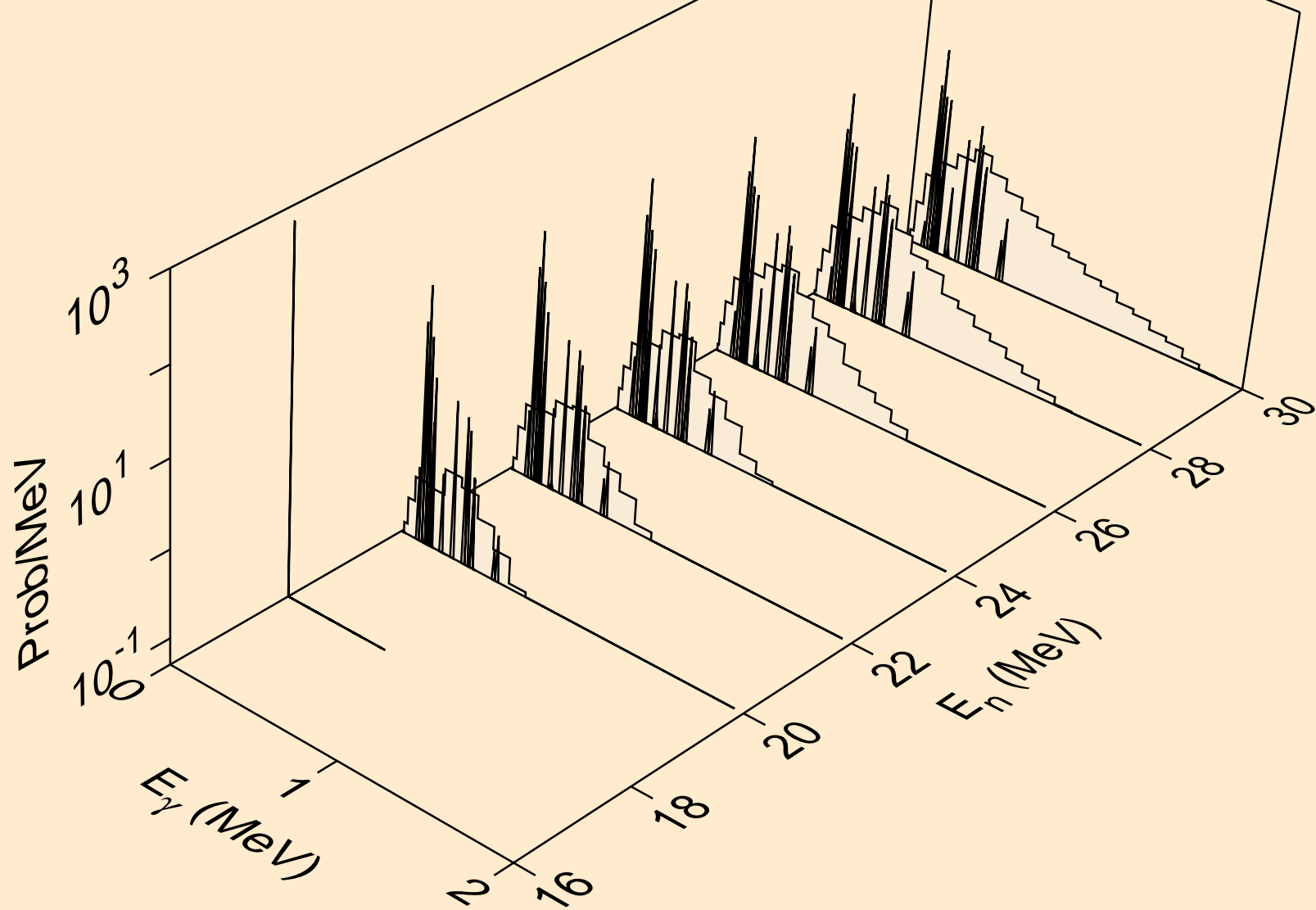
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Photon emission for (n,4n)



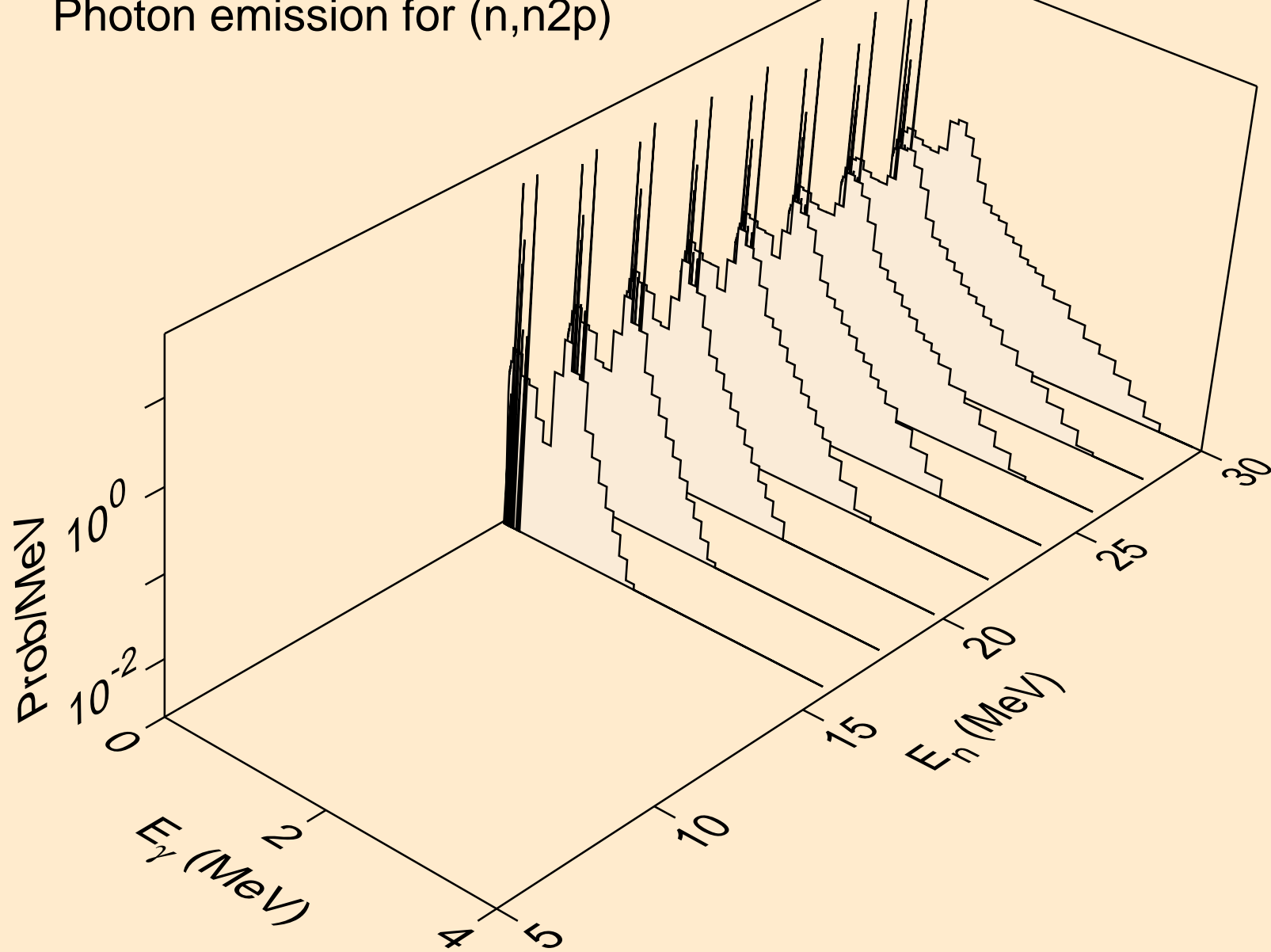
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Photon emission for (n,2np)



HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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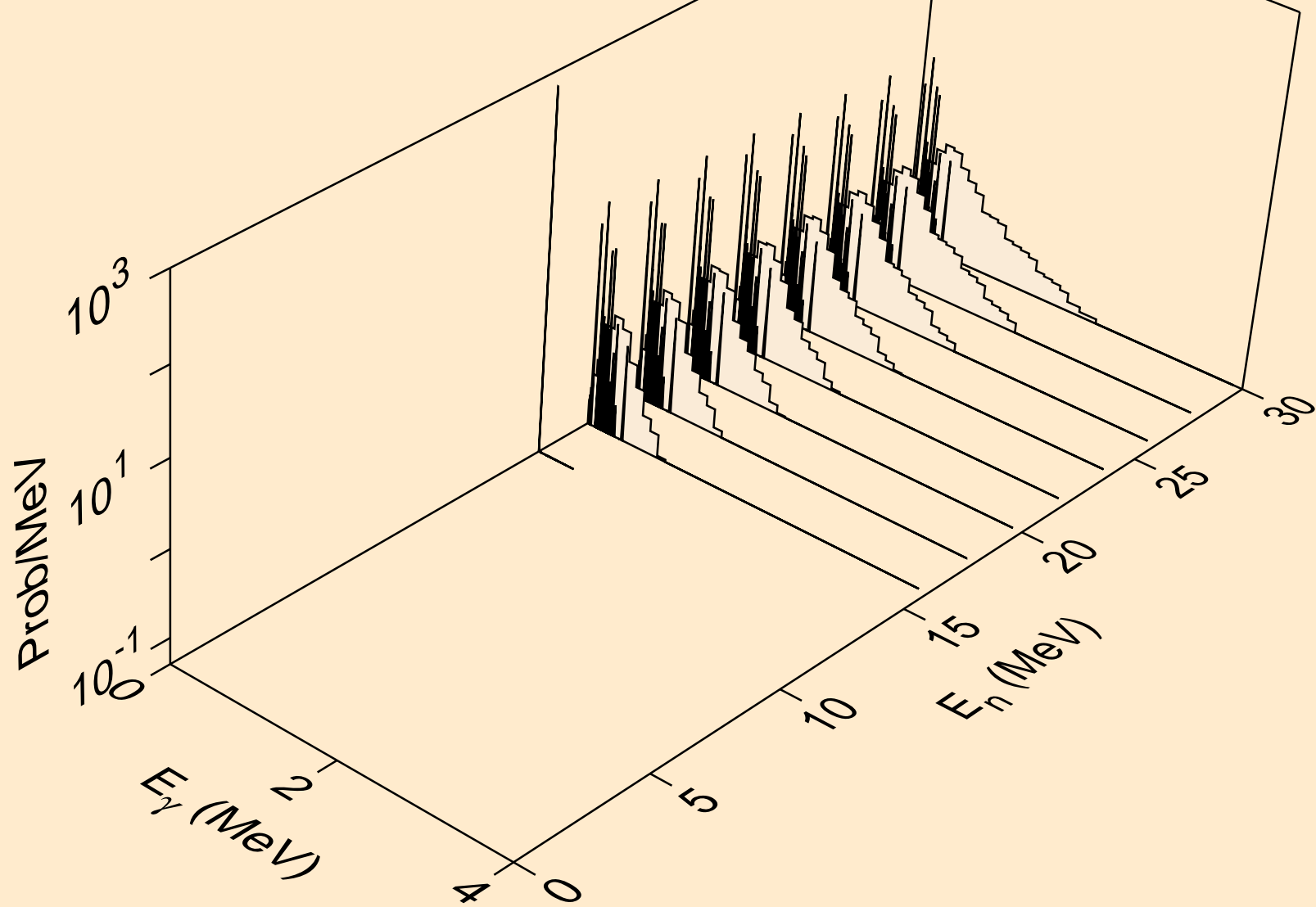


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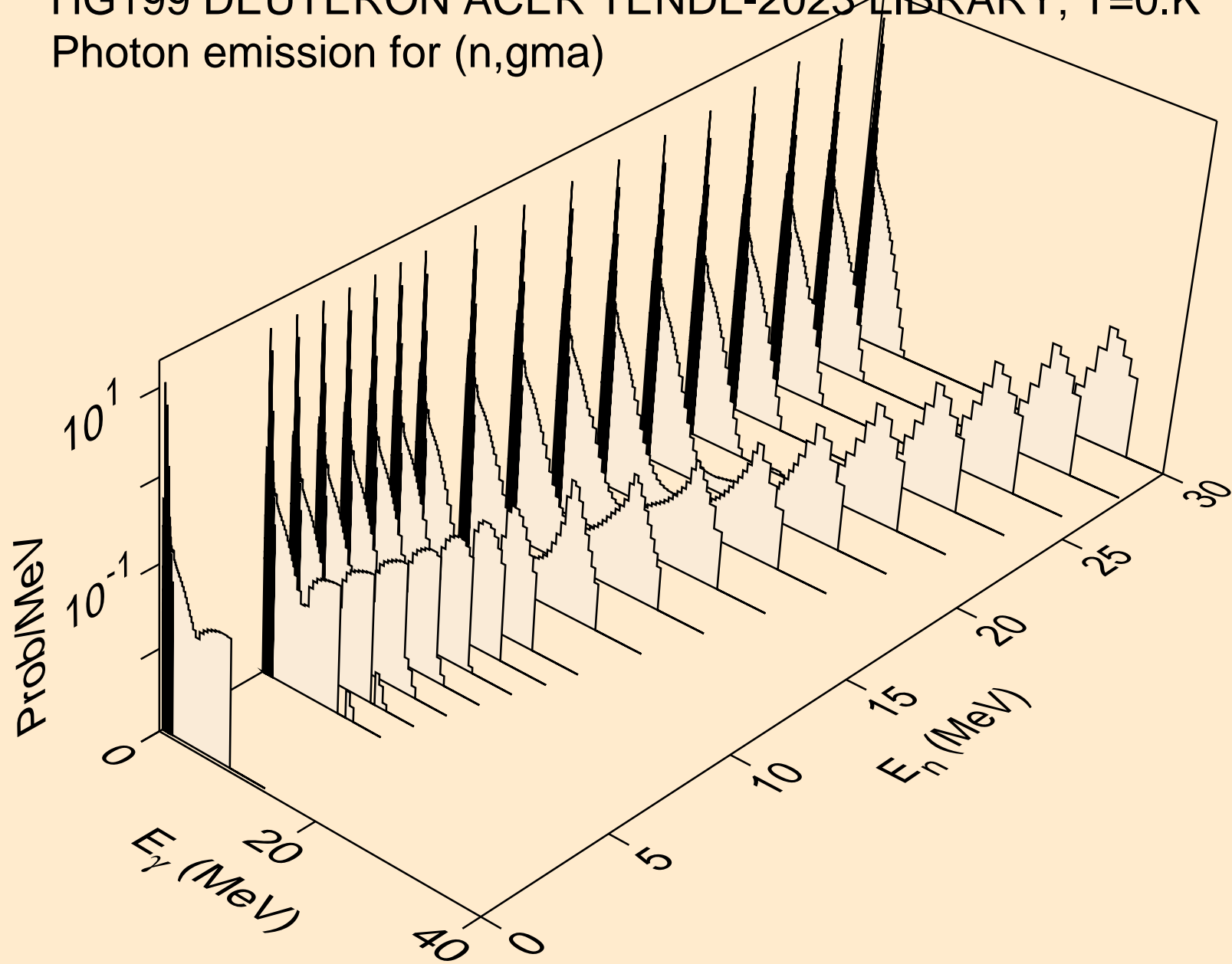




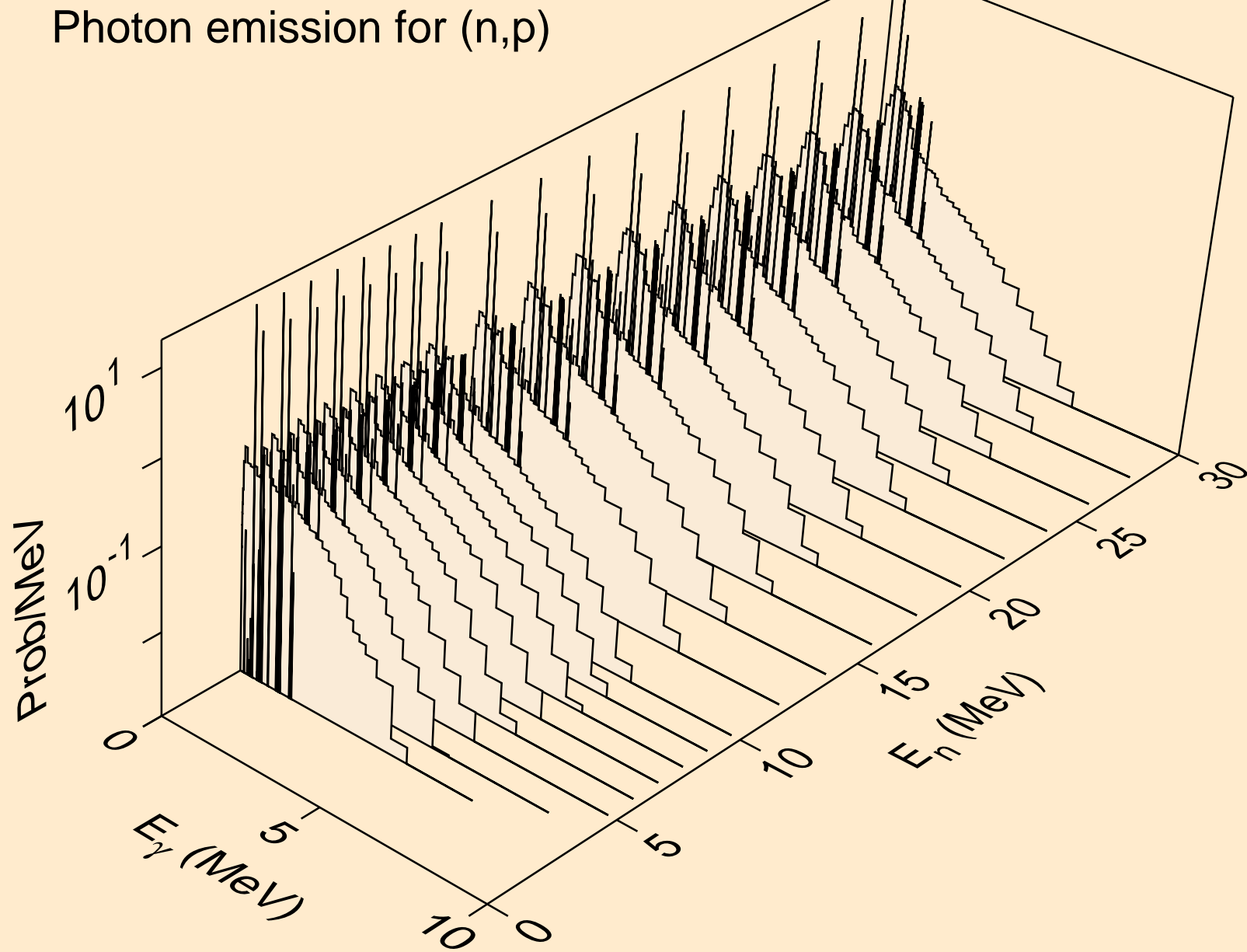
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Photon emission for (n,npa)



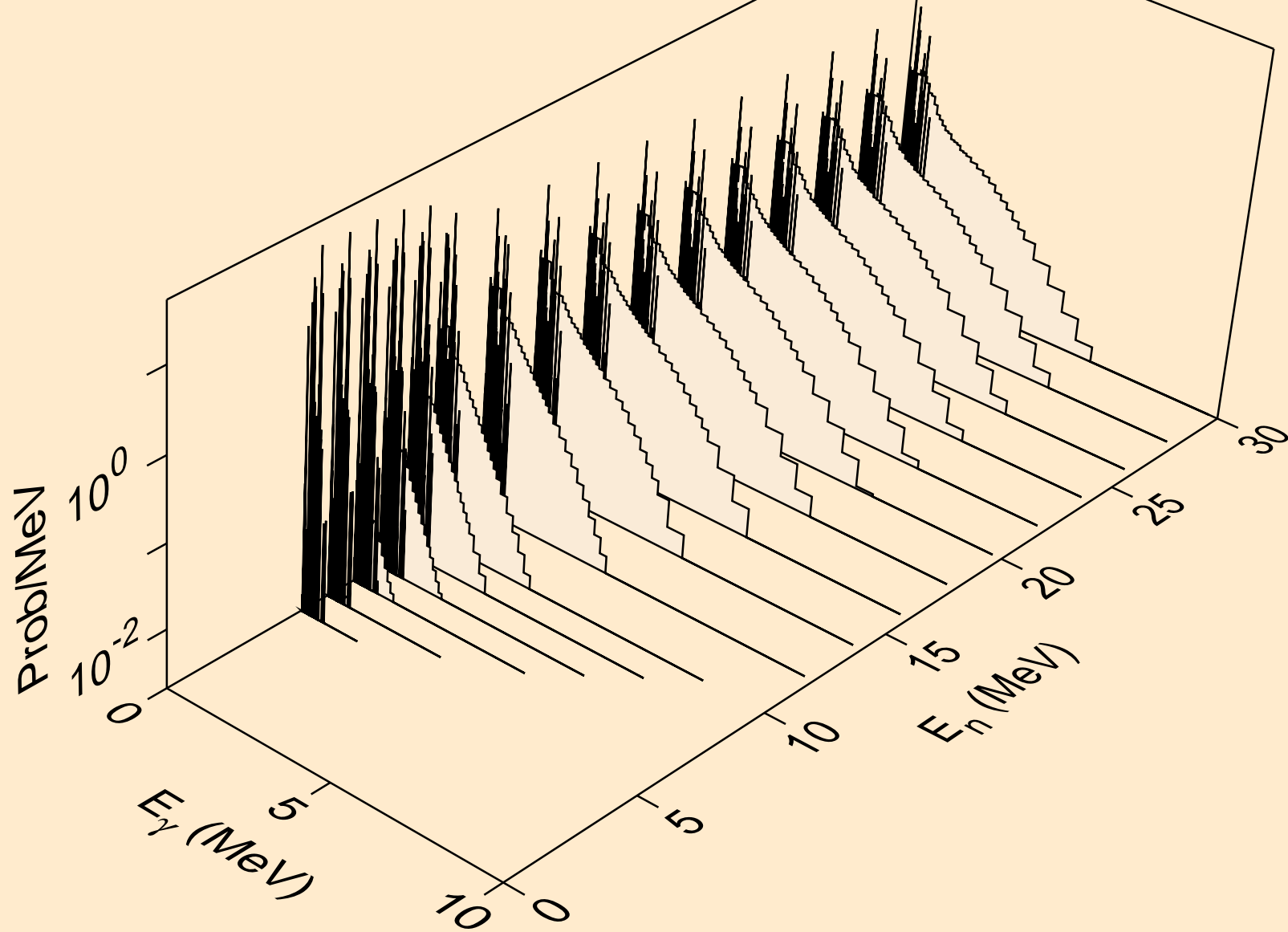
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Photon emission for (n,gma)



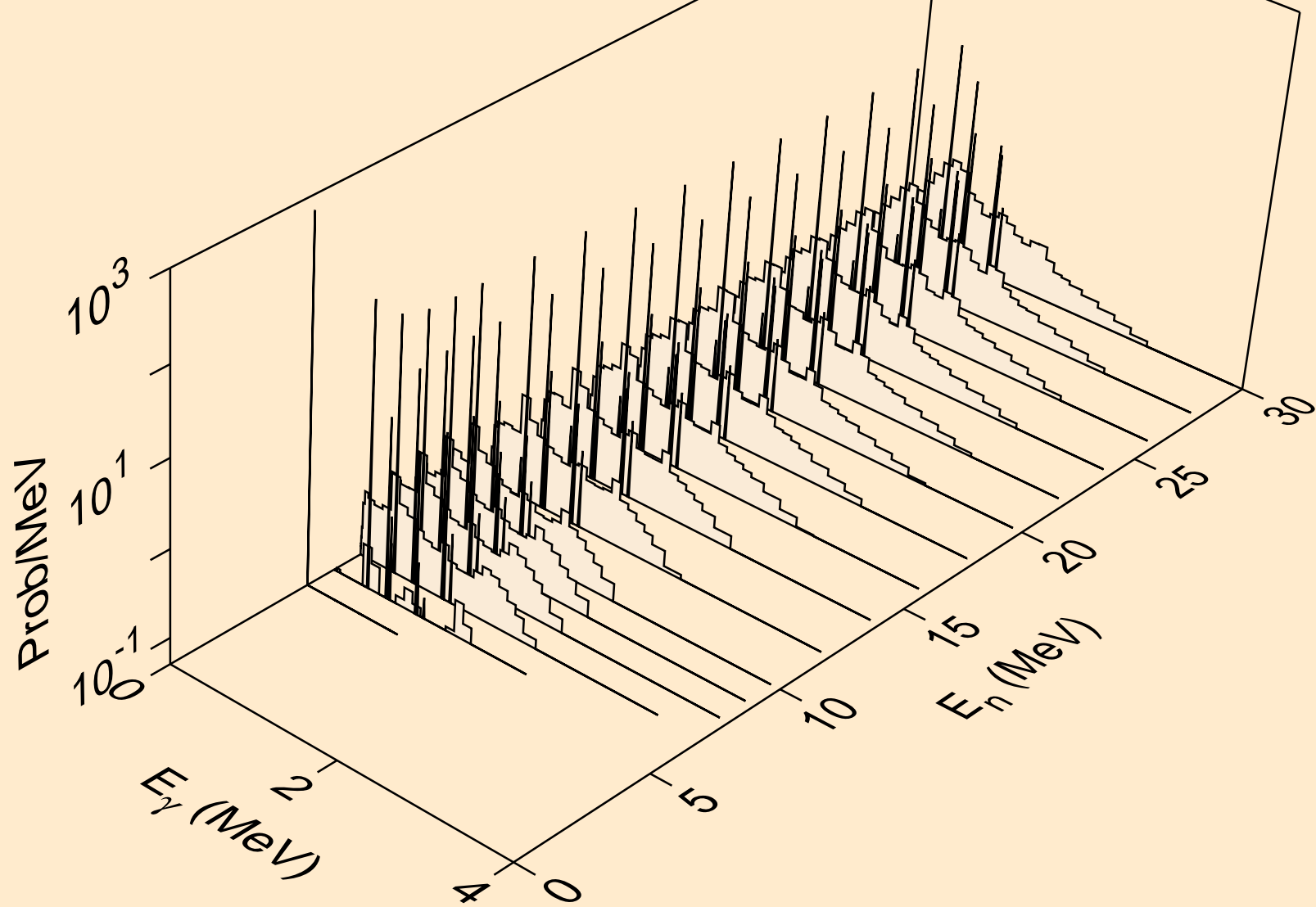
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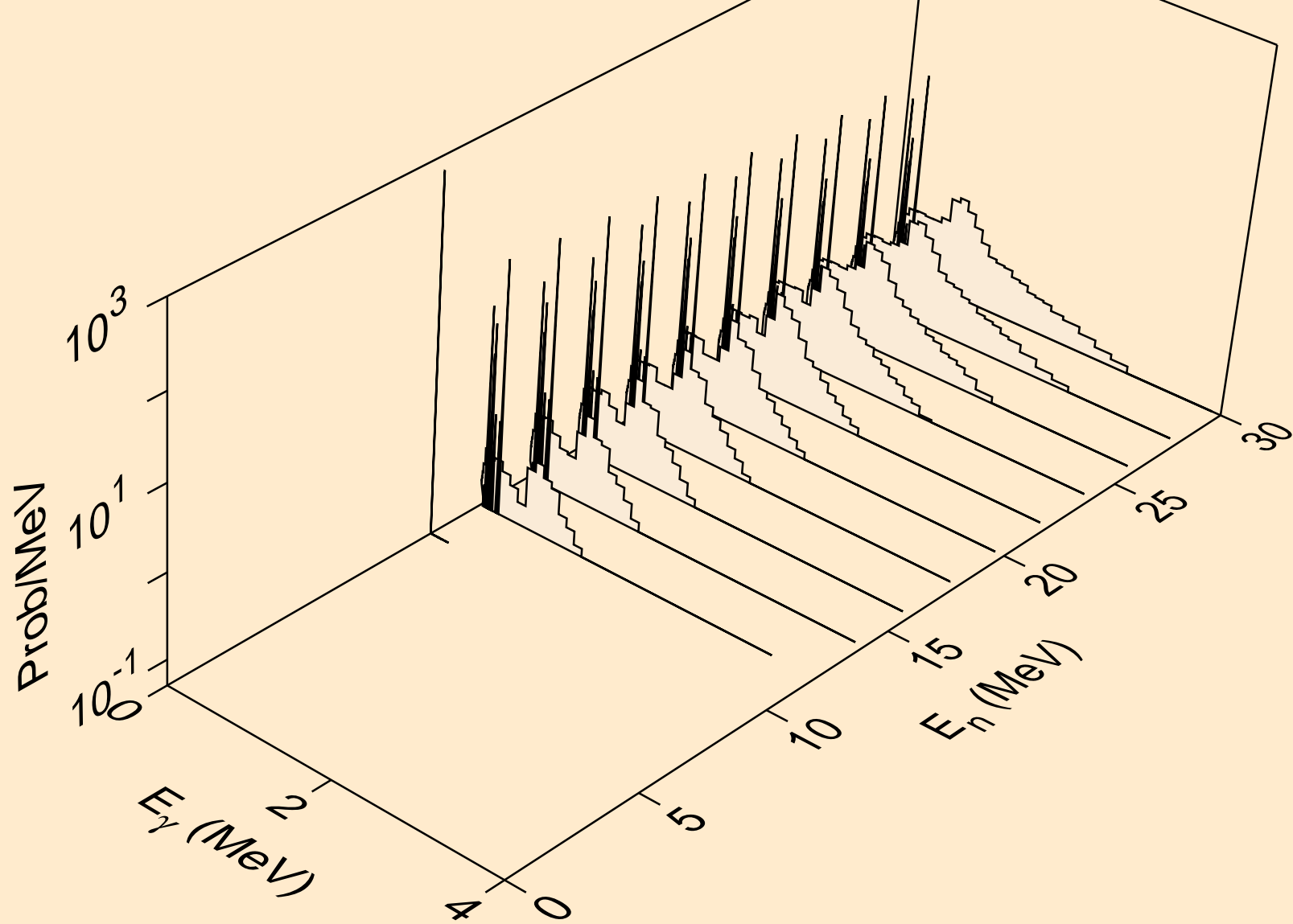
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Photon emission for inelastic



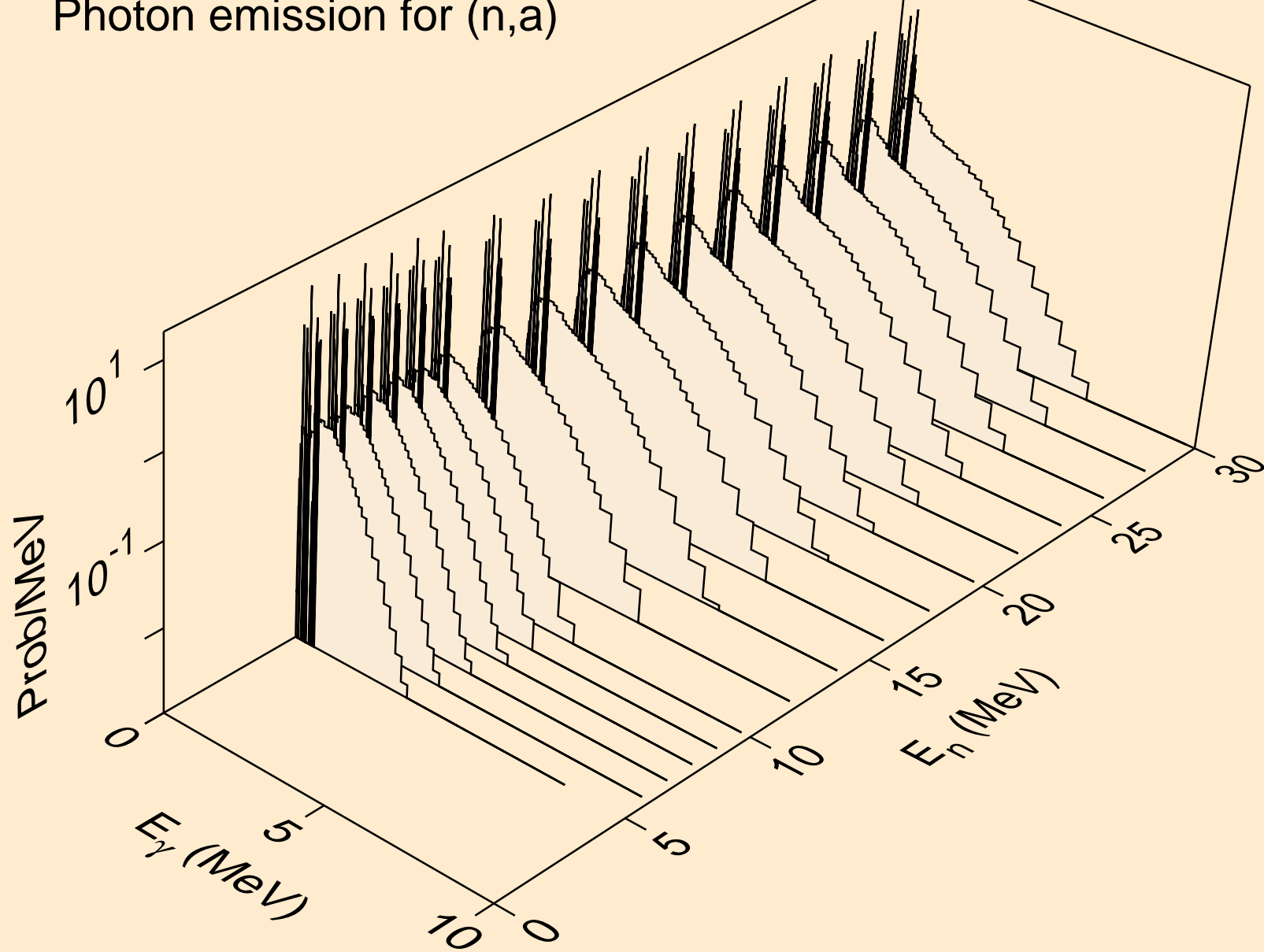
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Photon emission for (n,t)



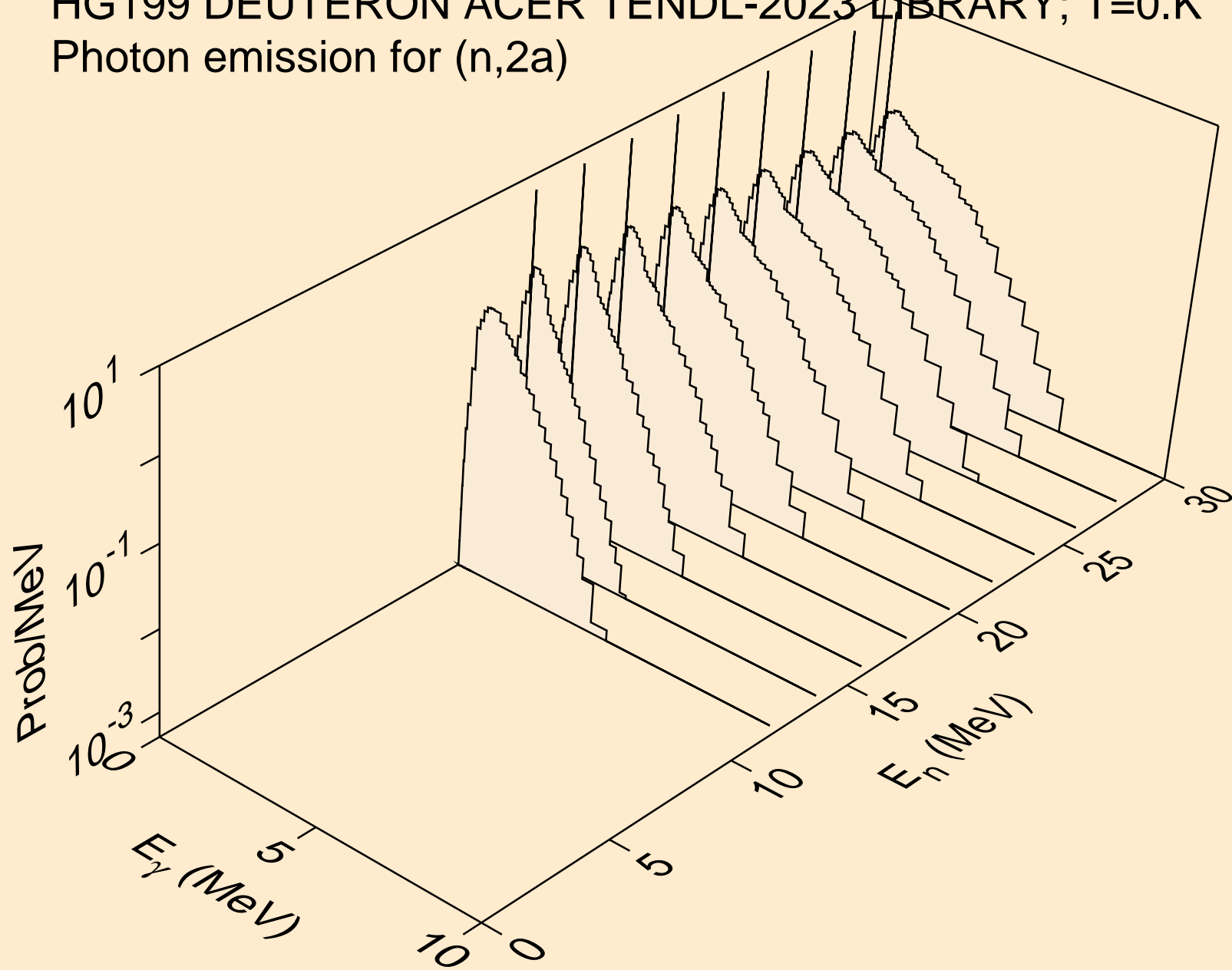
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Photon emission for (n,he3)



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Photon emission for (n,a)

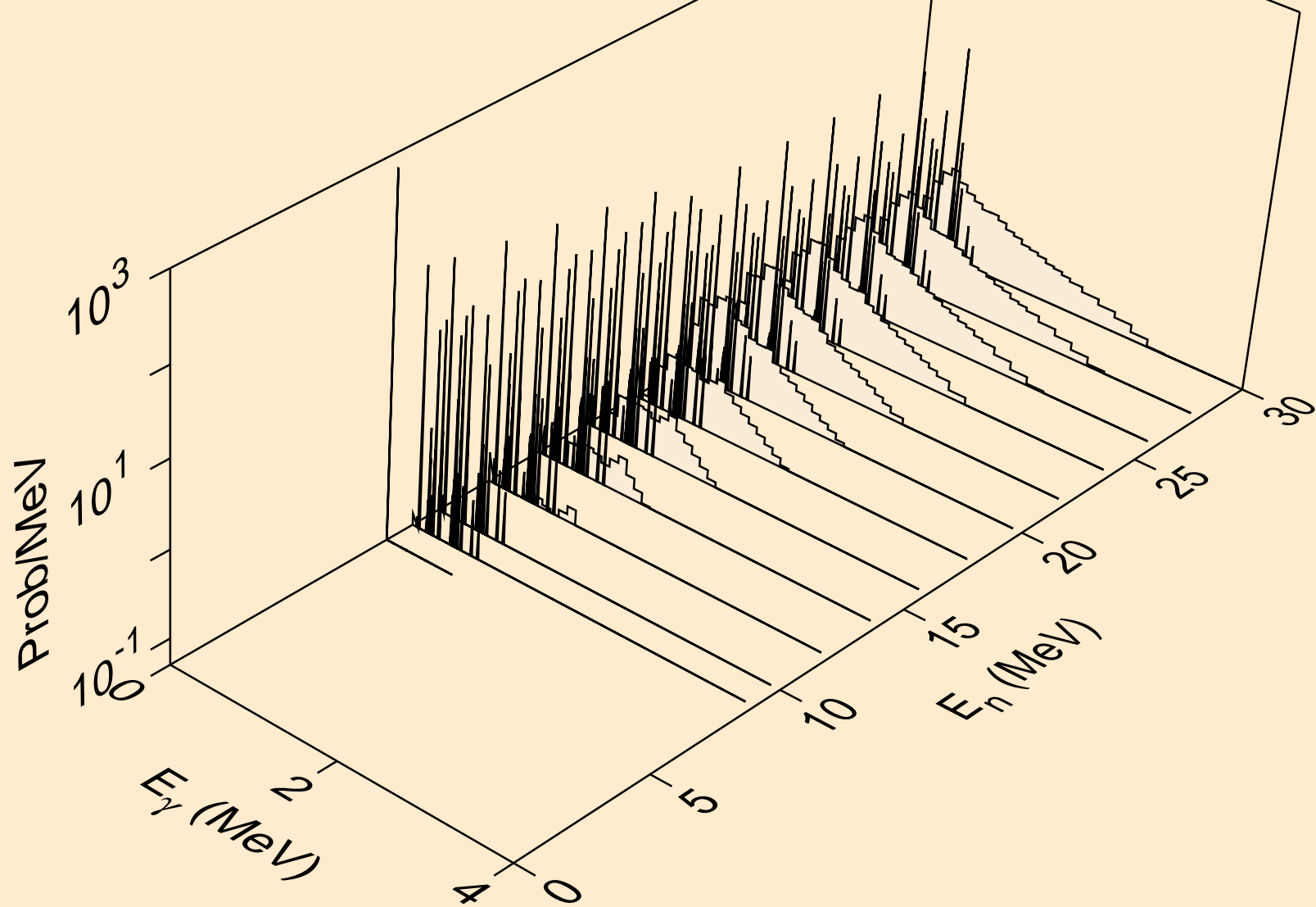


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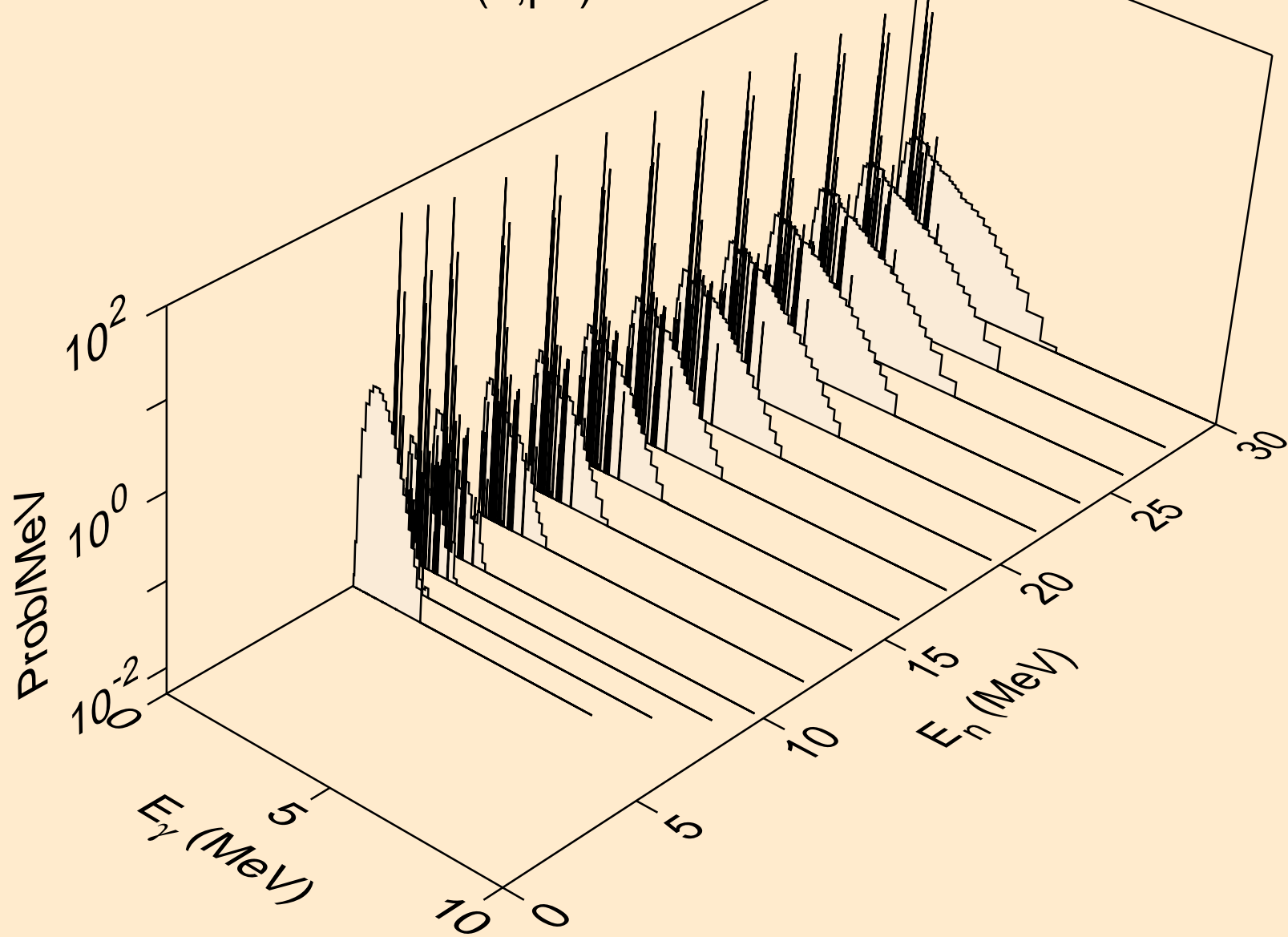




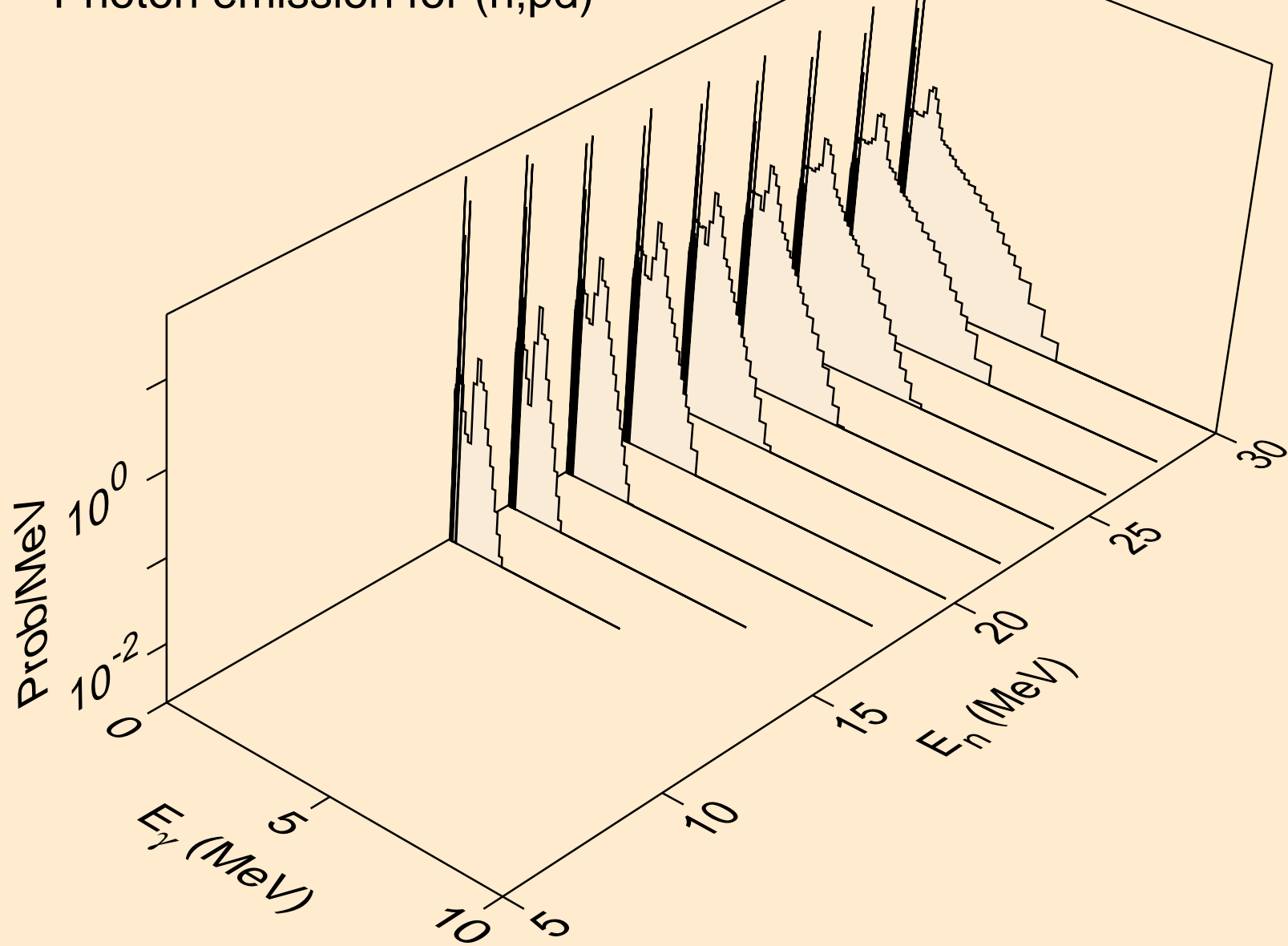
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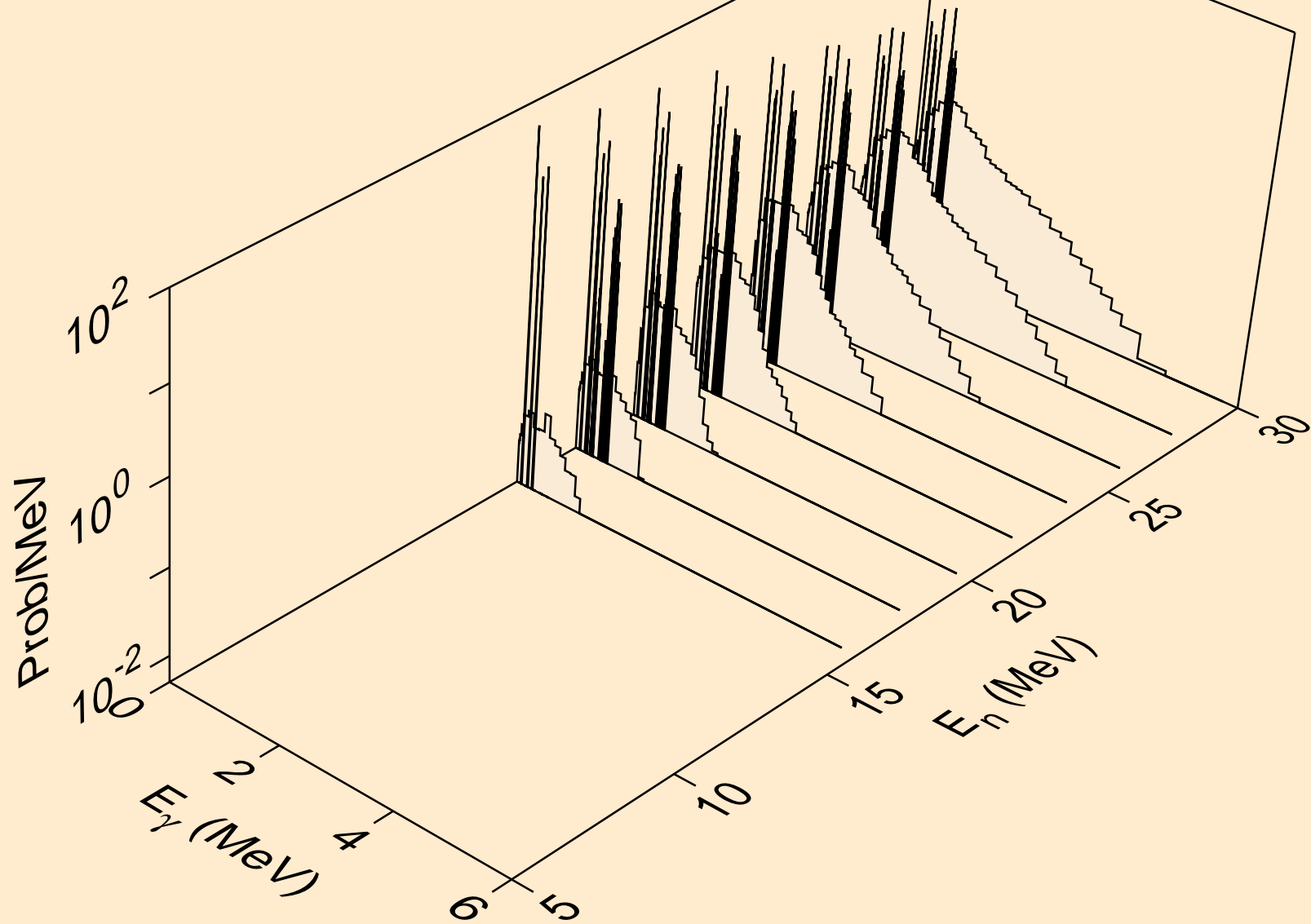
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Photon emission for (n,p)



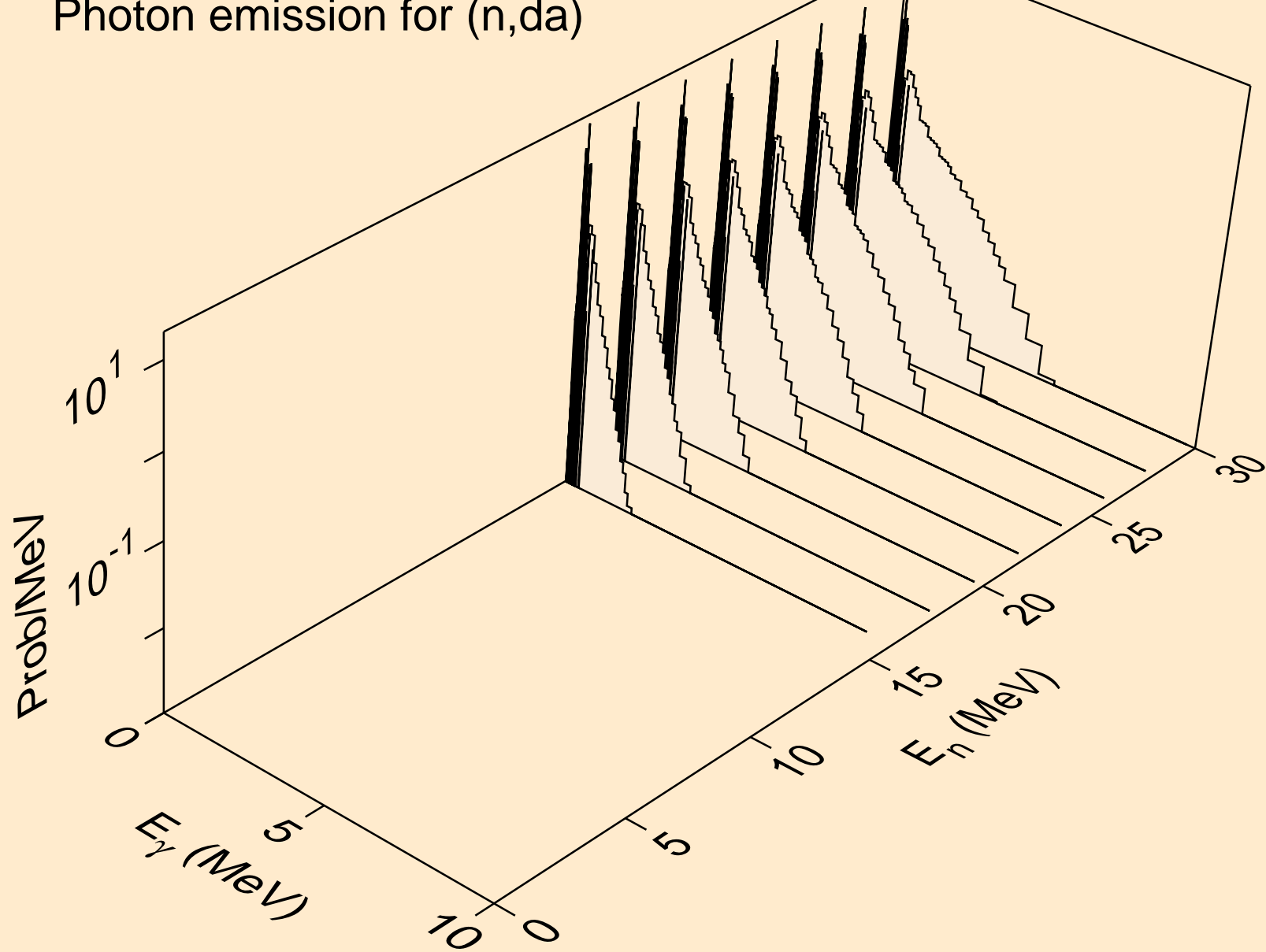
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Photon emission for (n,pd)



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Photon emission for (n,pt)

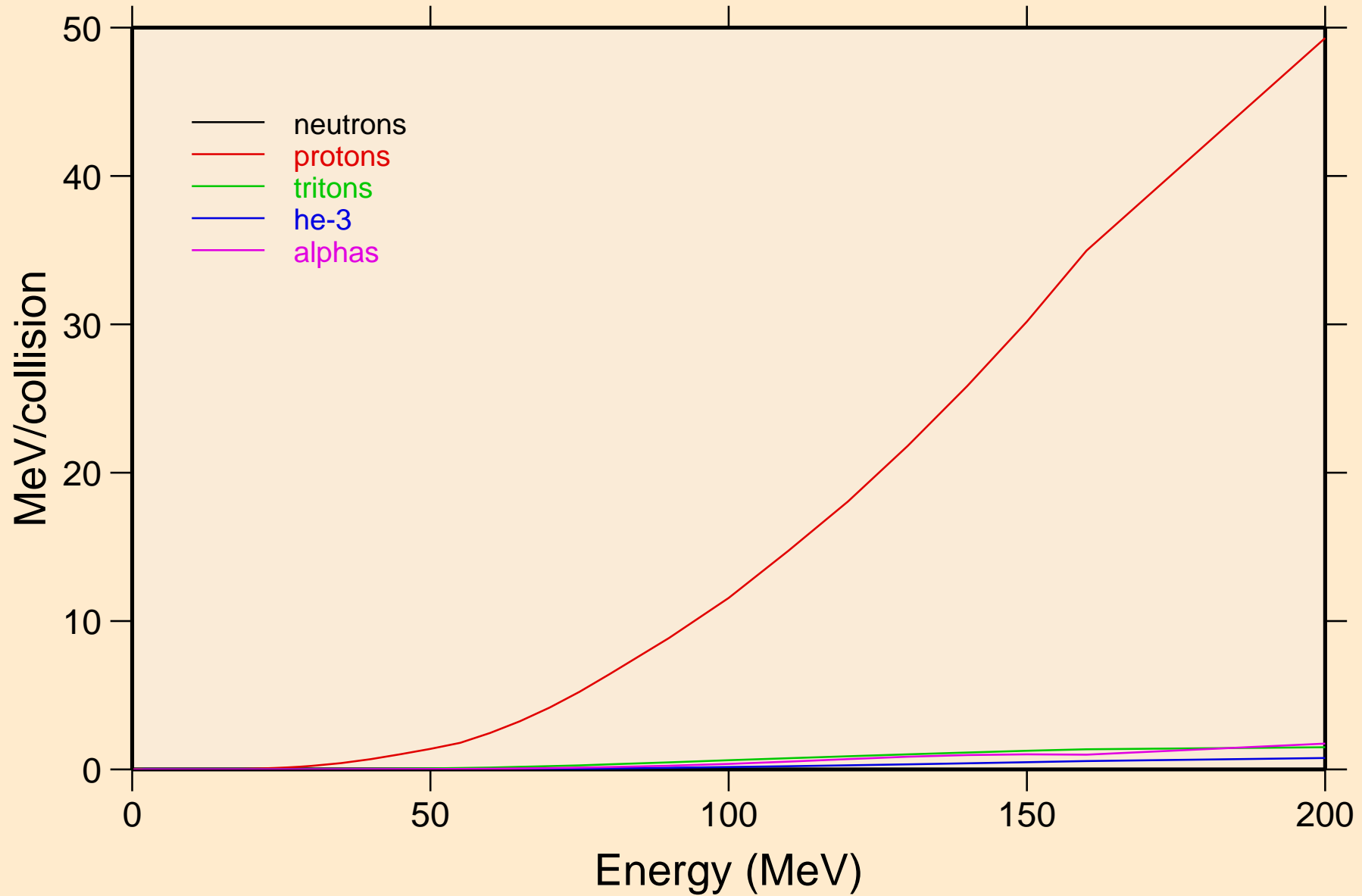


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Photon emission for (n,da)

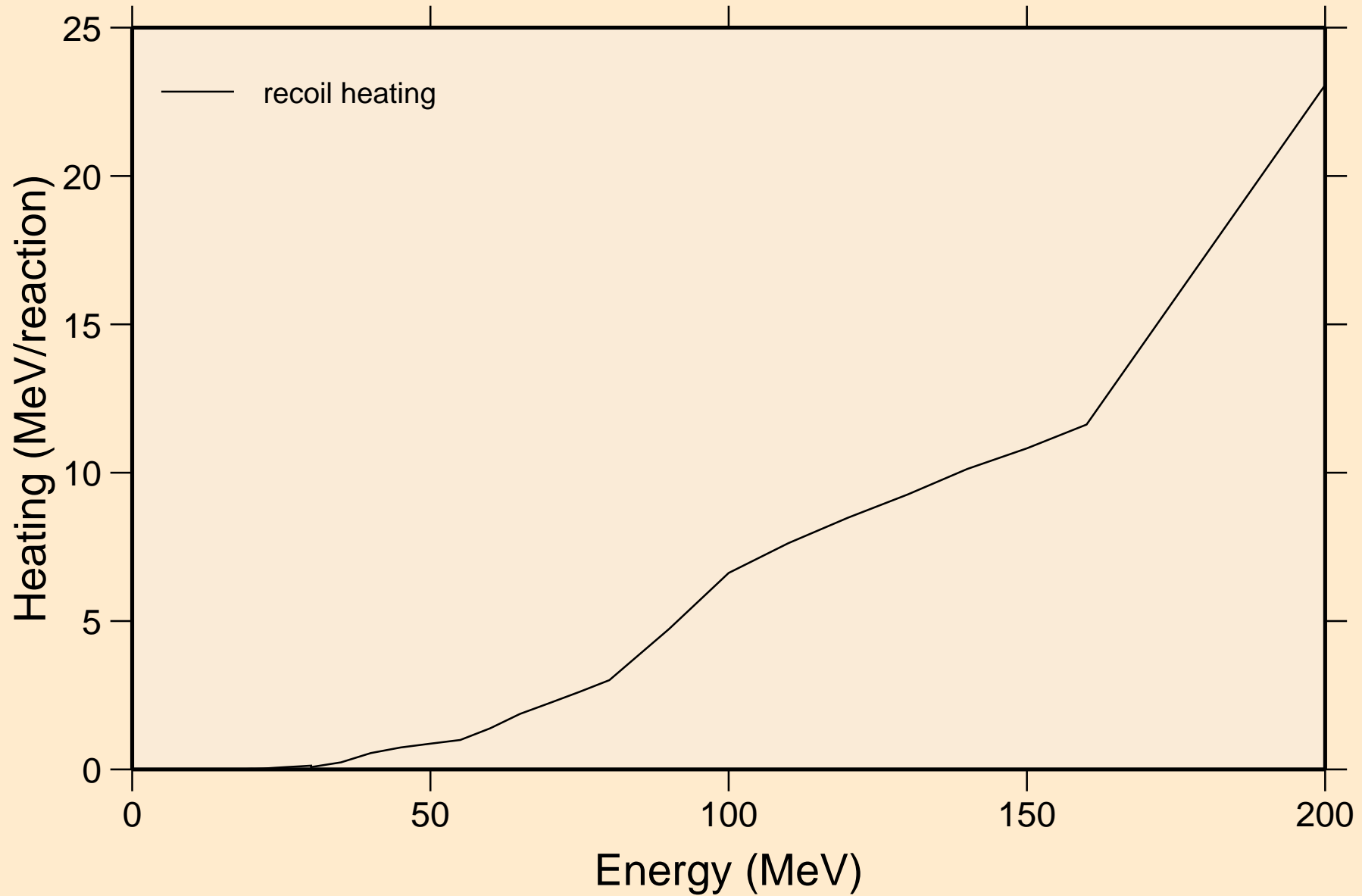


# HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

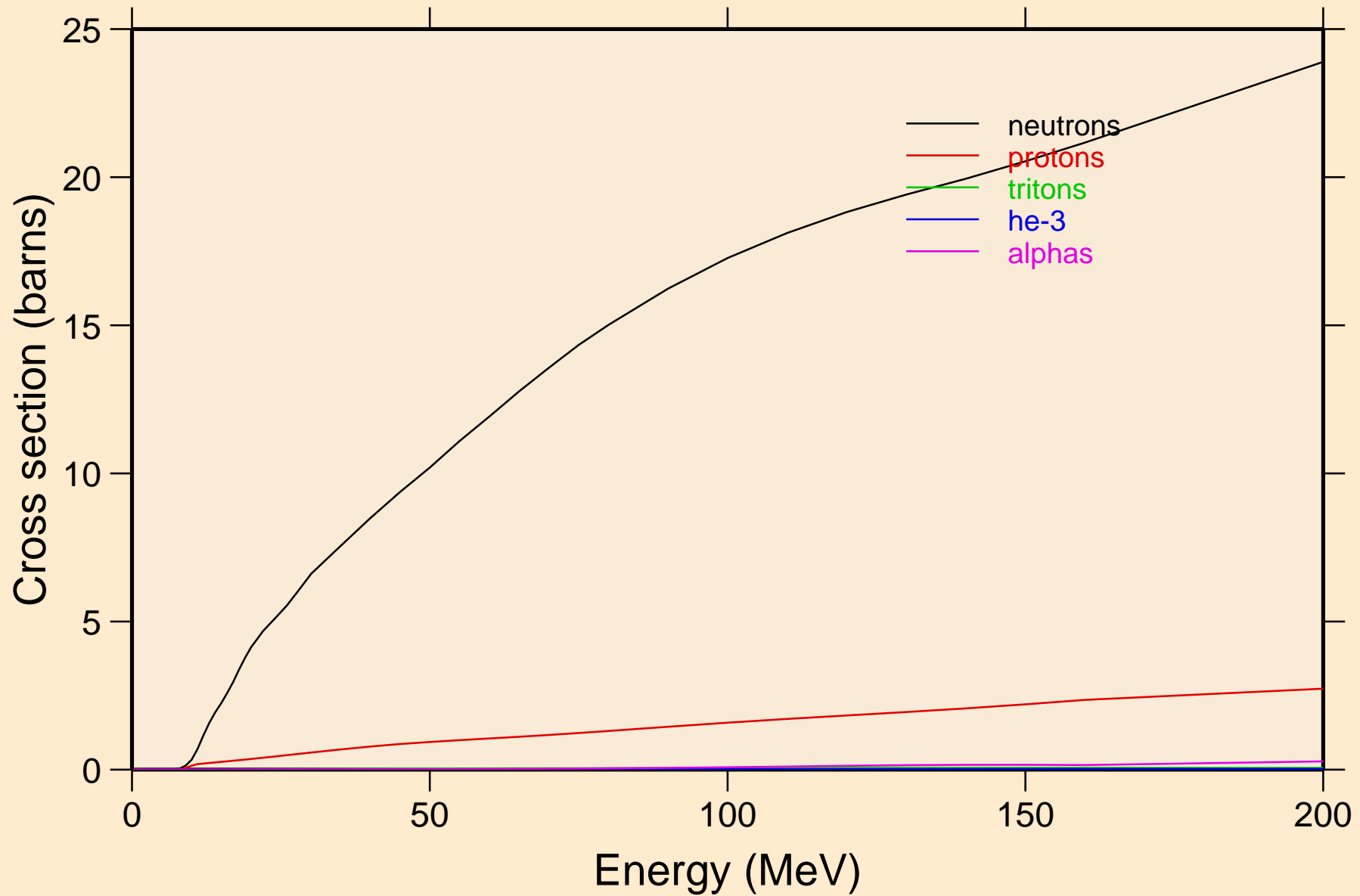


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Recoil Heating



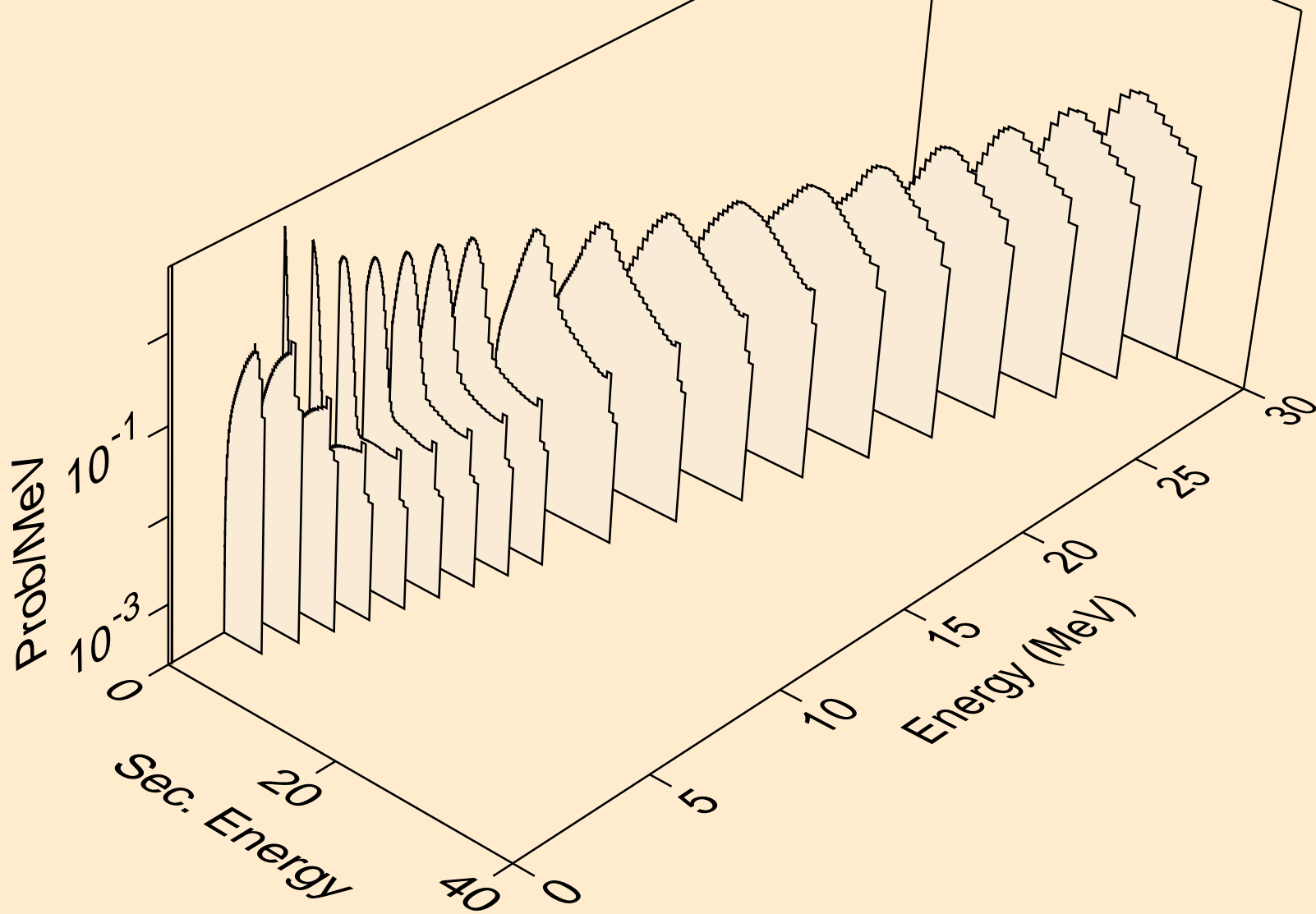
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## Particle production cross sections

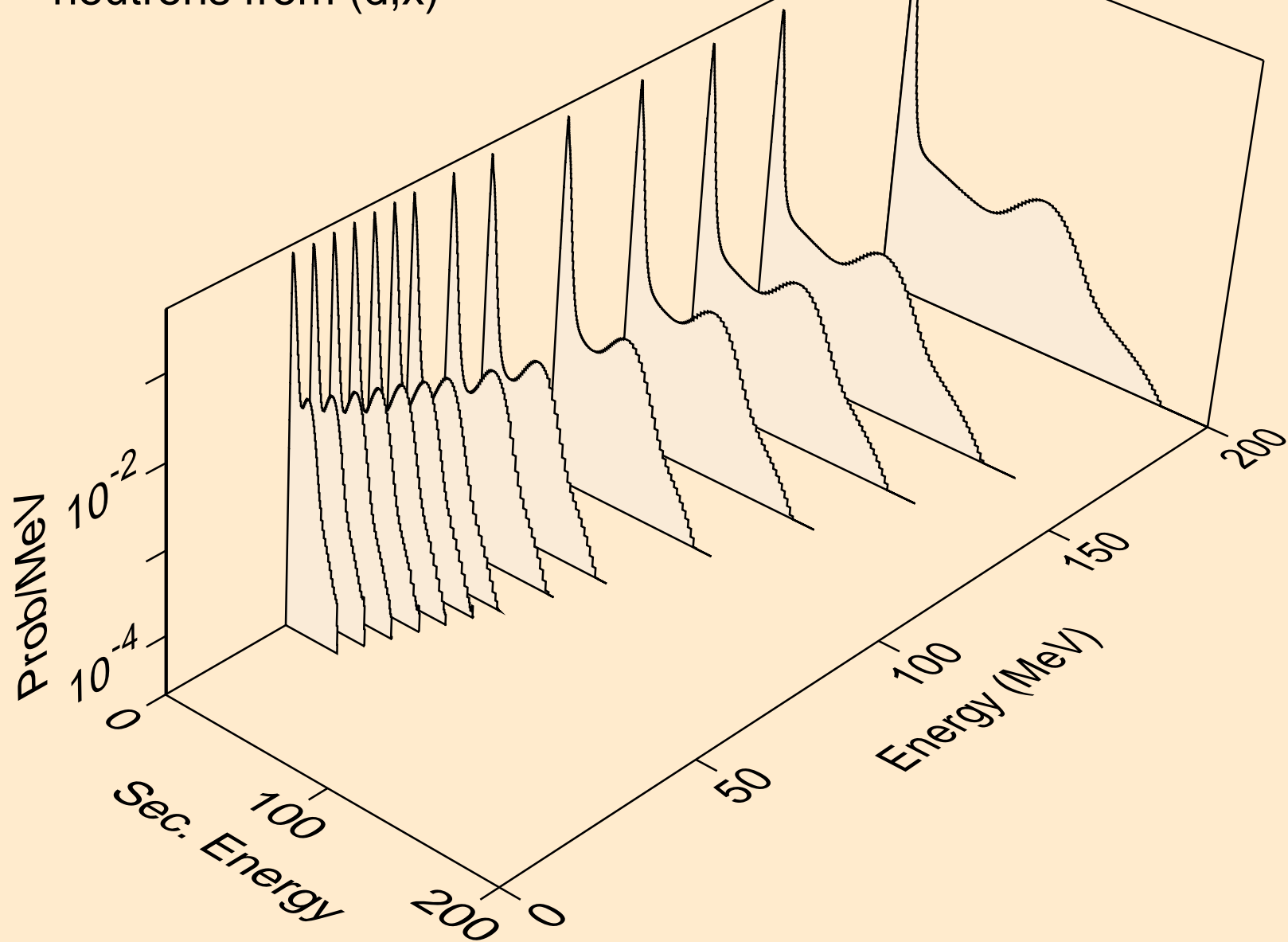




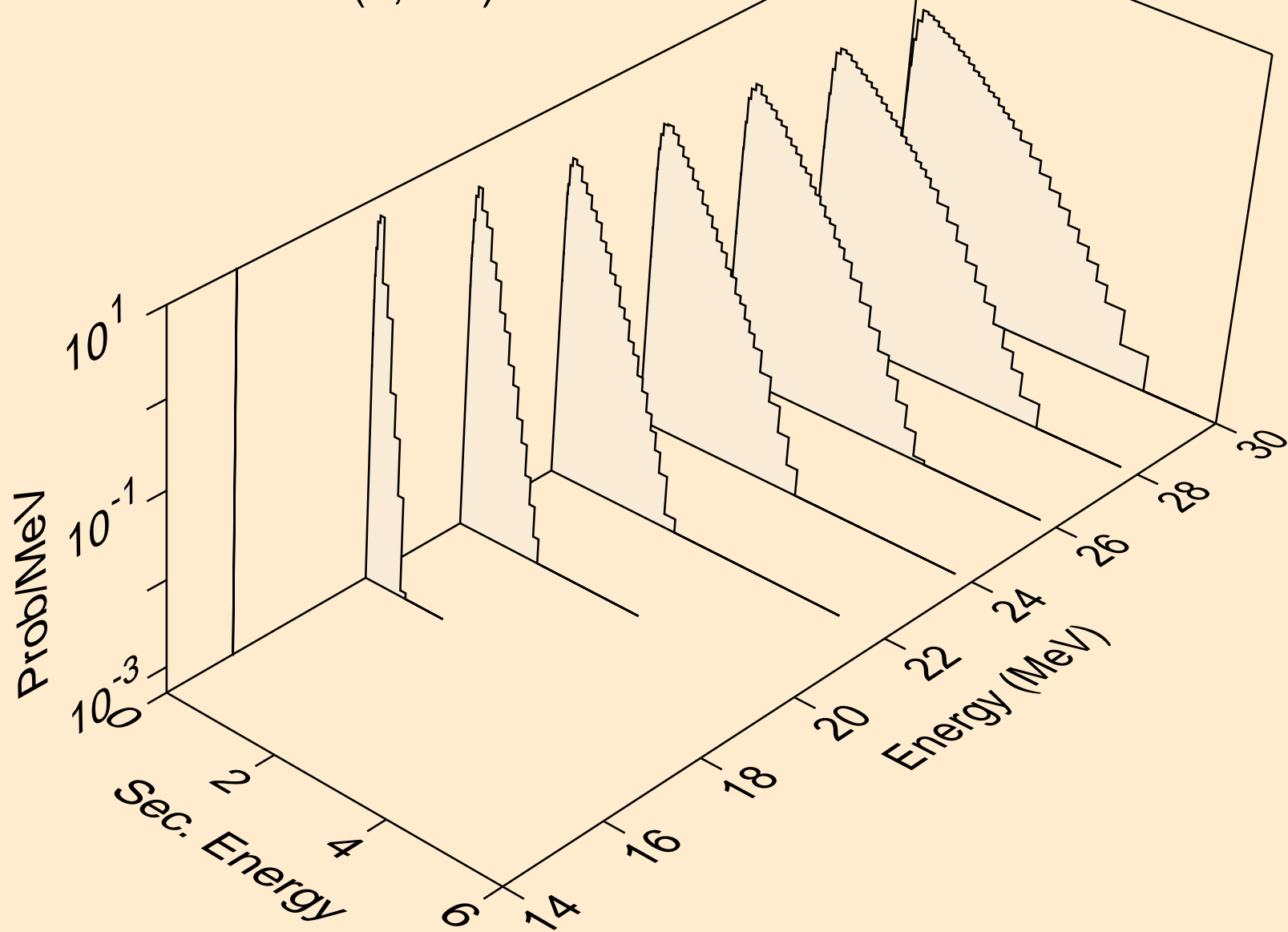
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neutrons from (d,n)



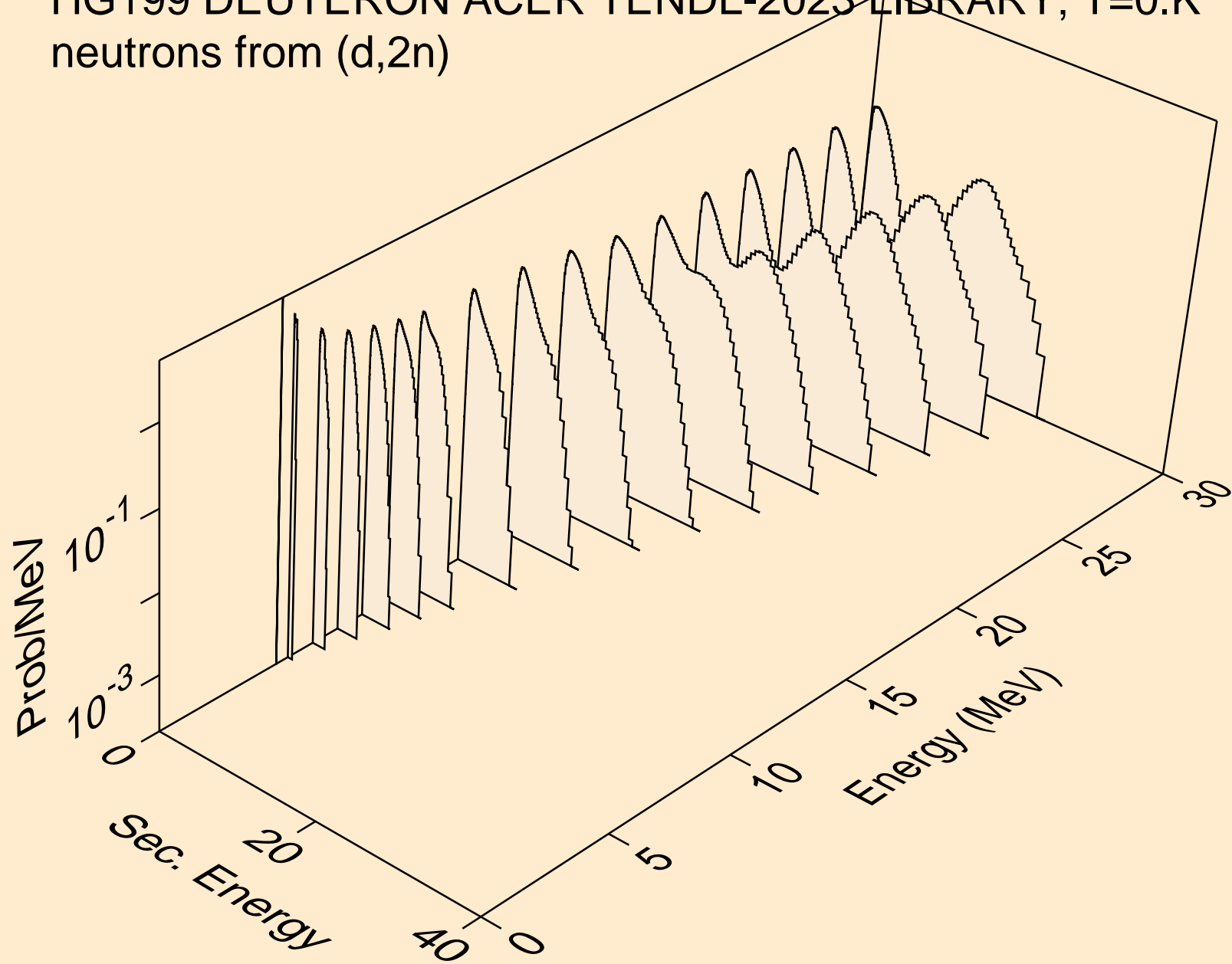
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neutrons from (d,x)



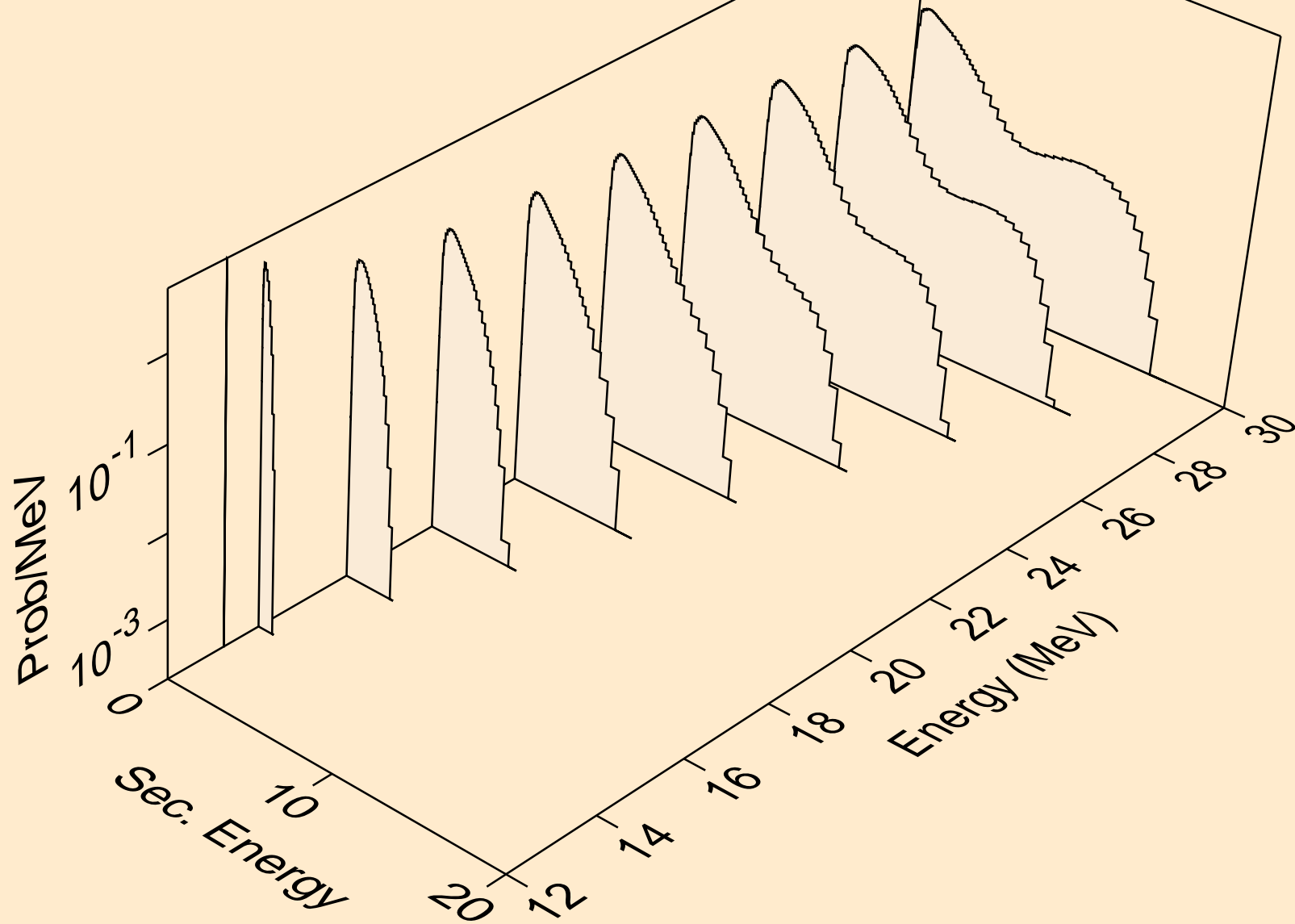
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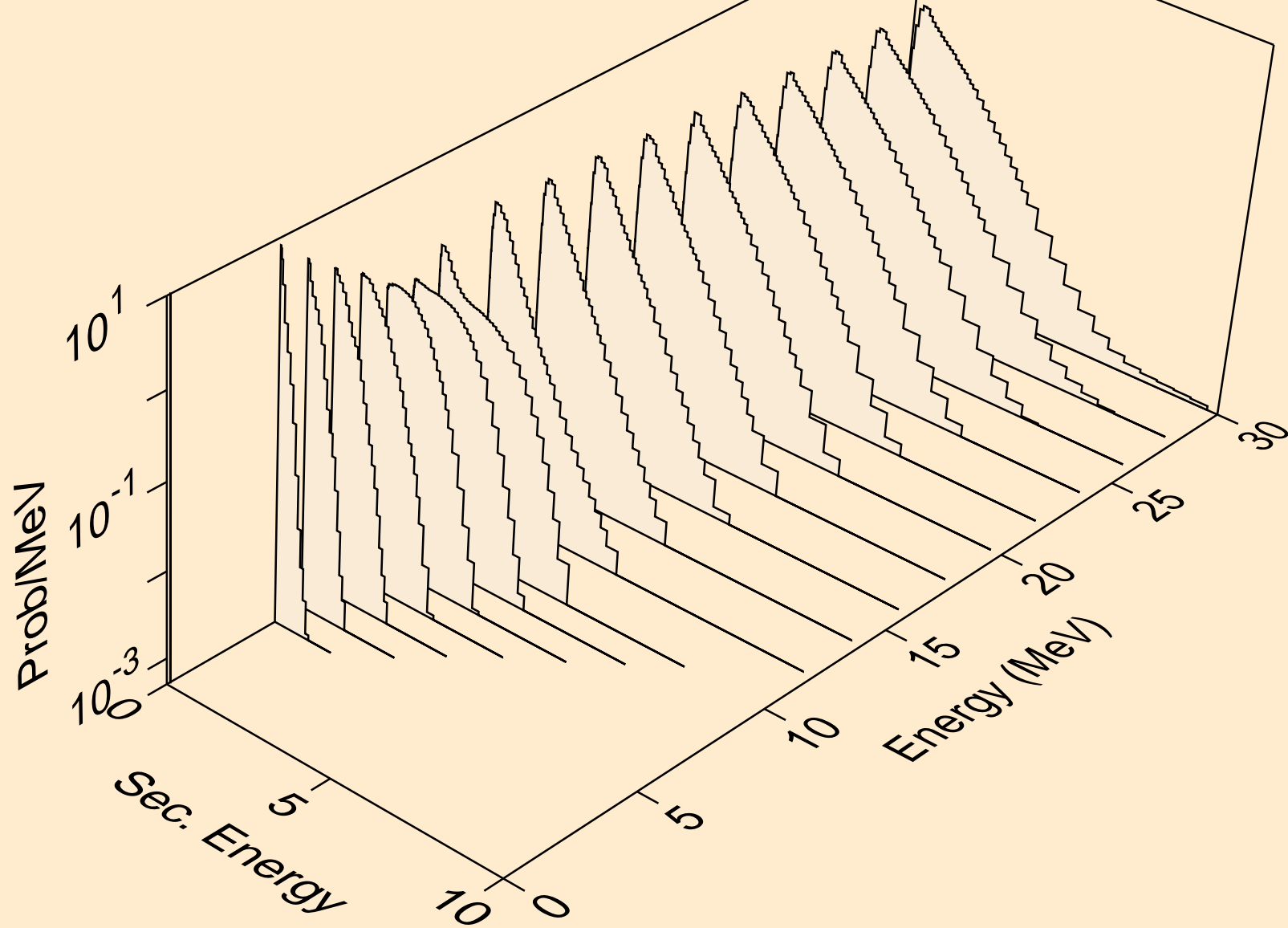
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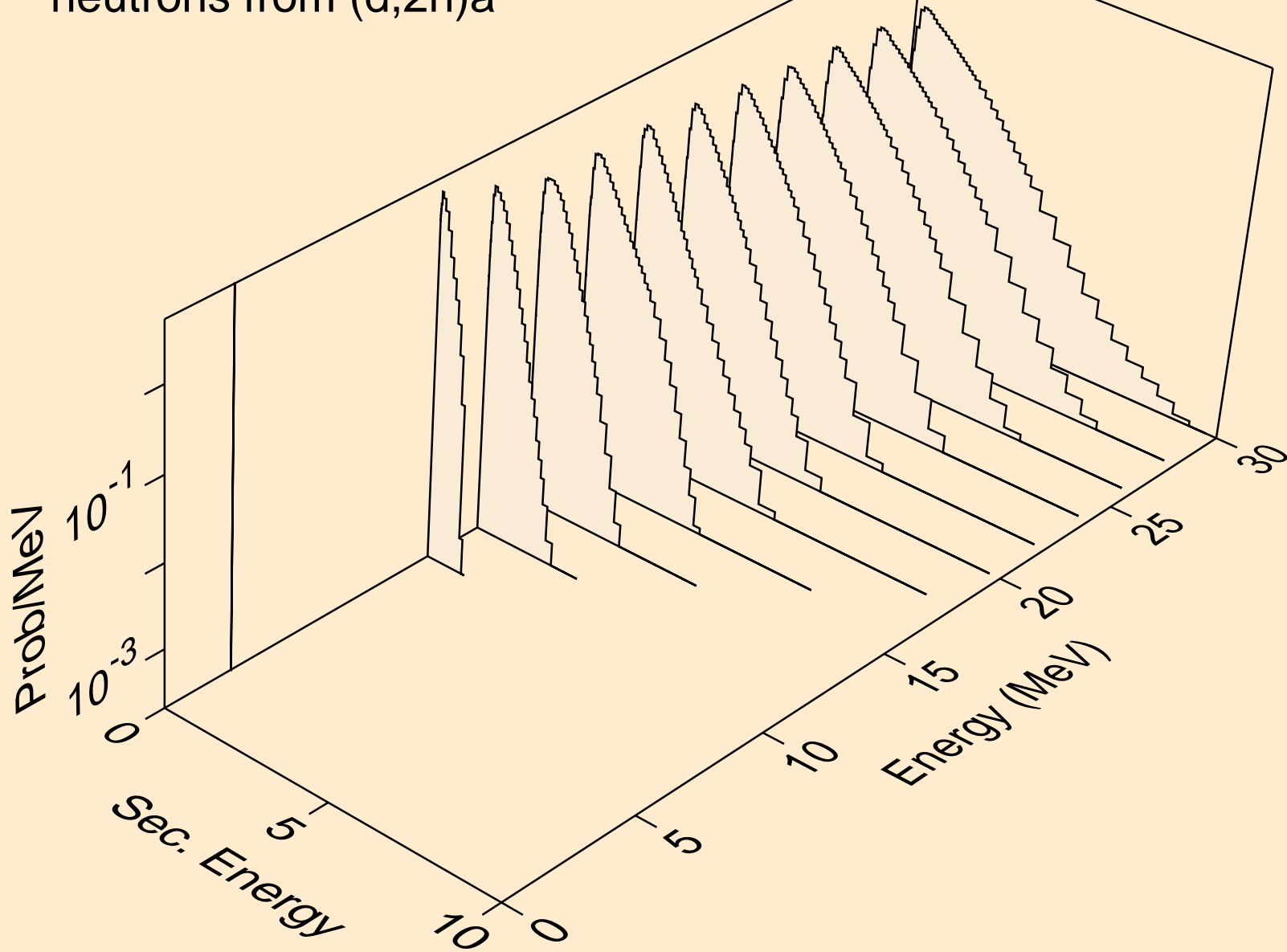
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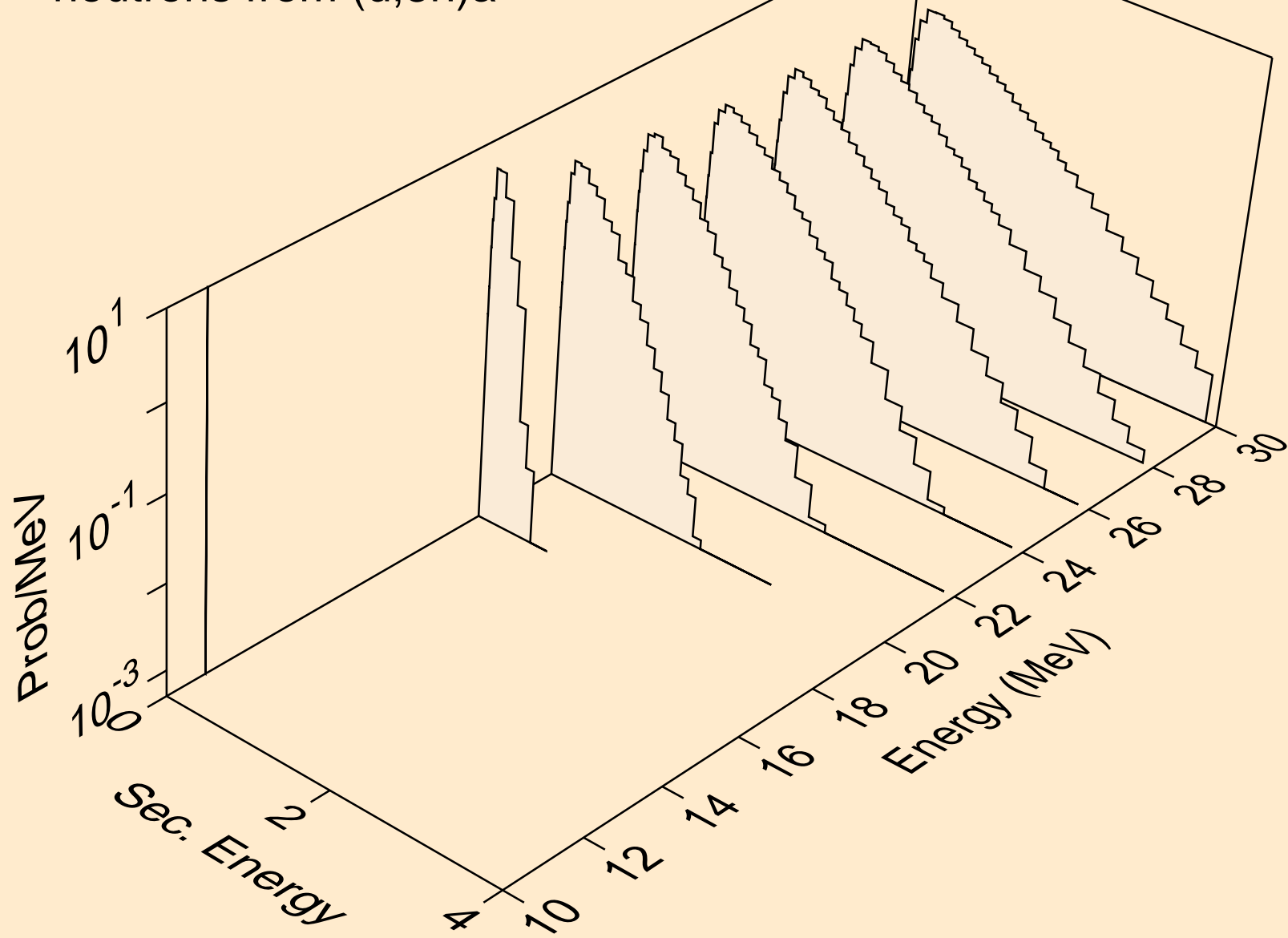
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neutrons from (d,n\*)a



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neutrons from (d,2n)a

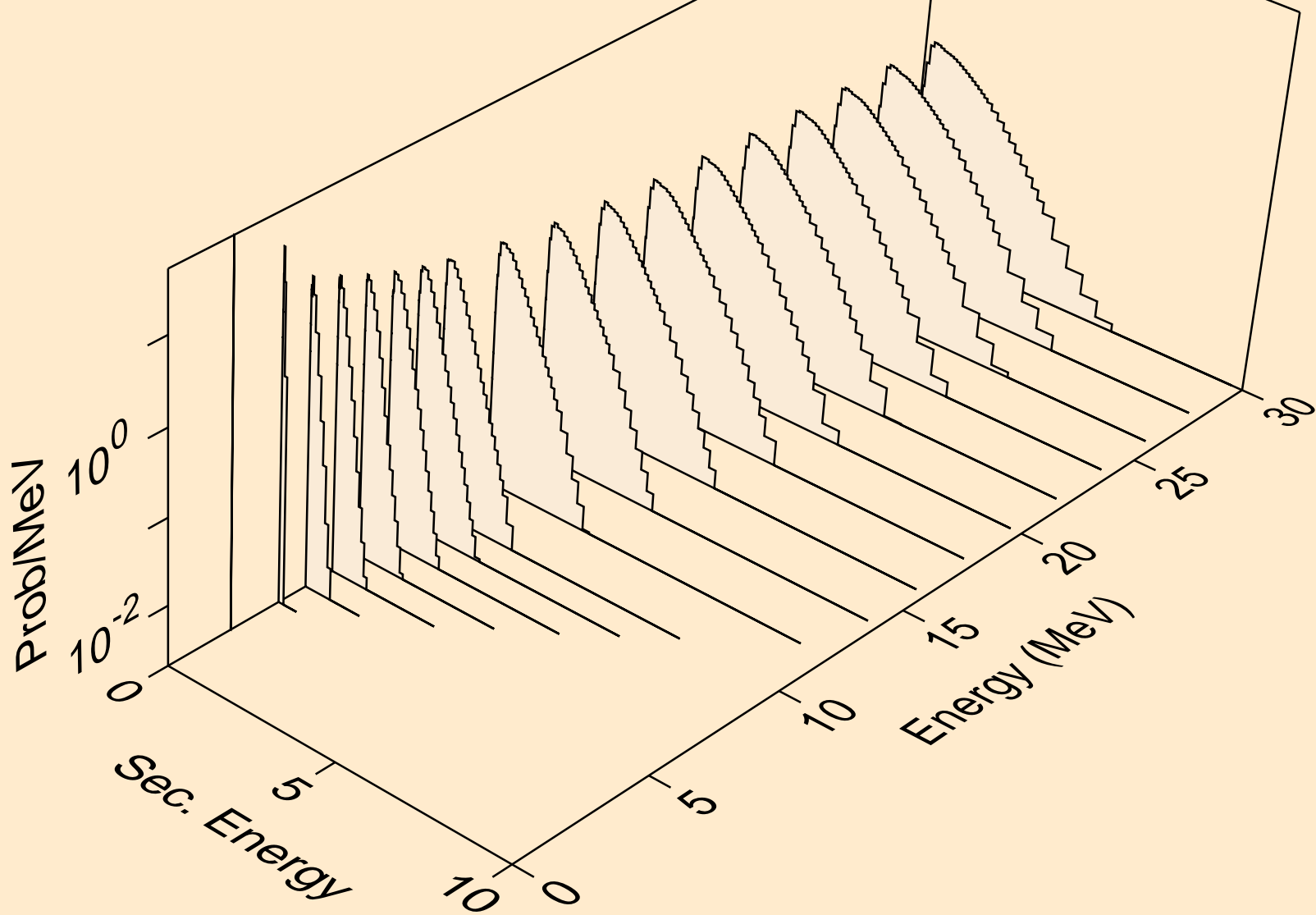


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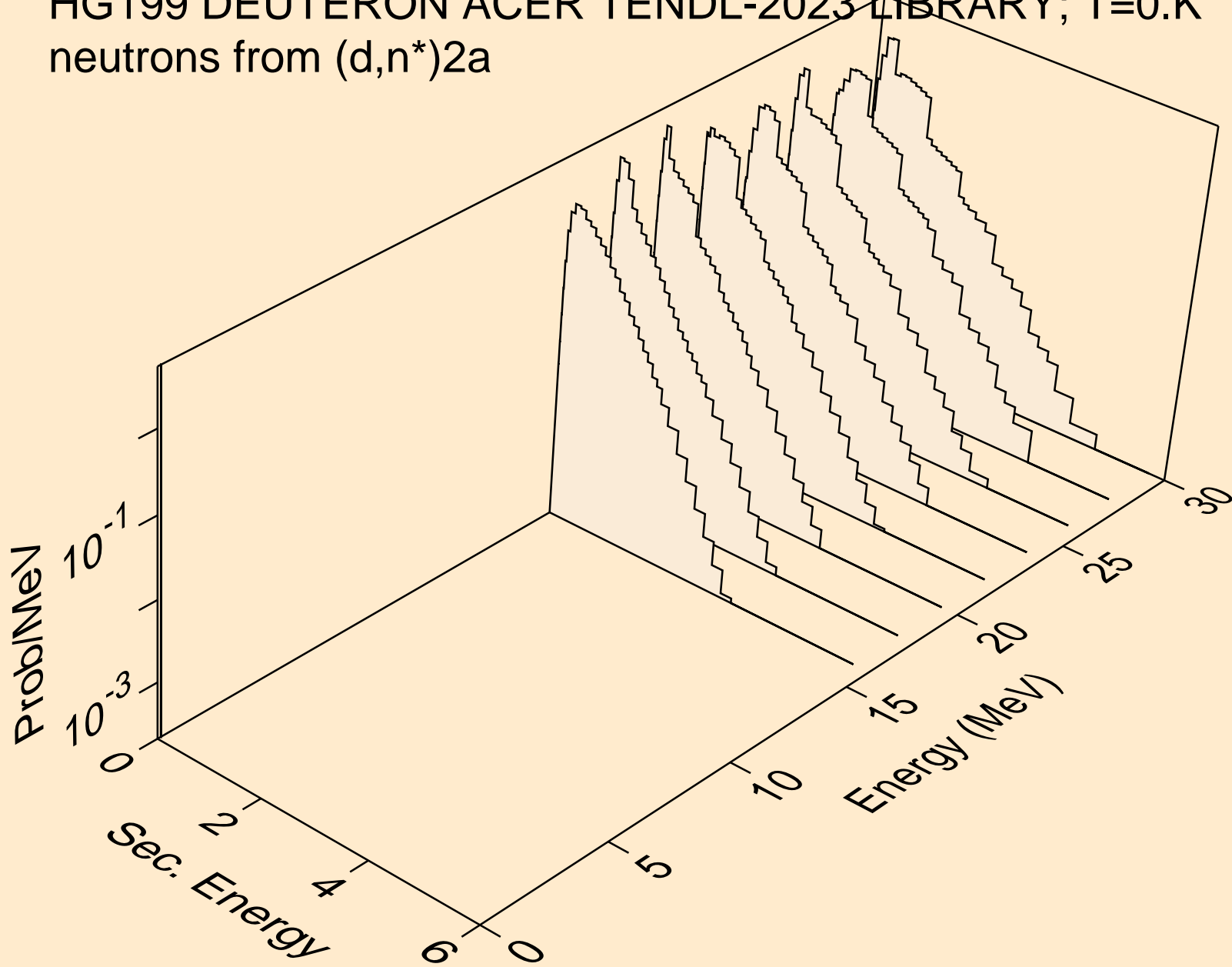




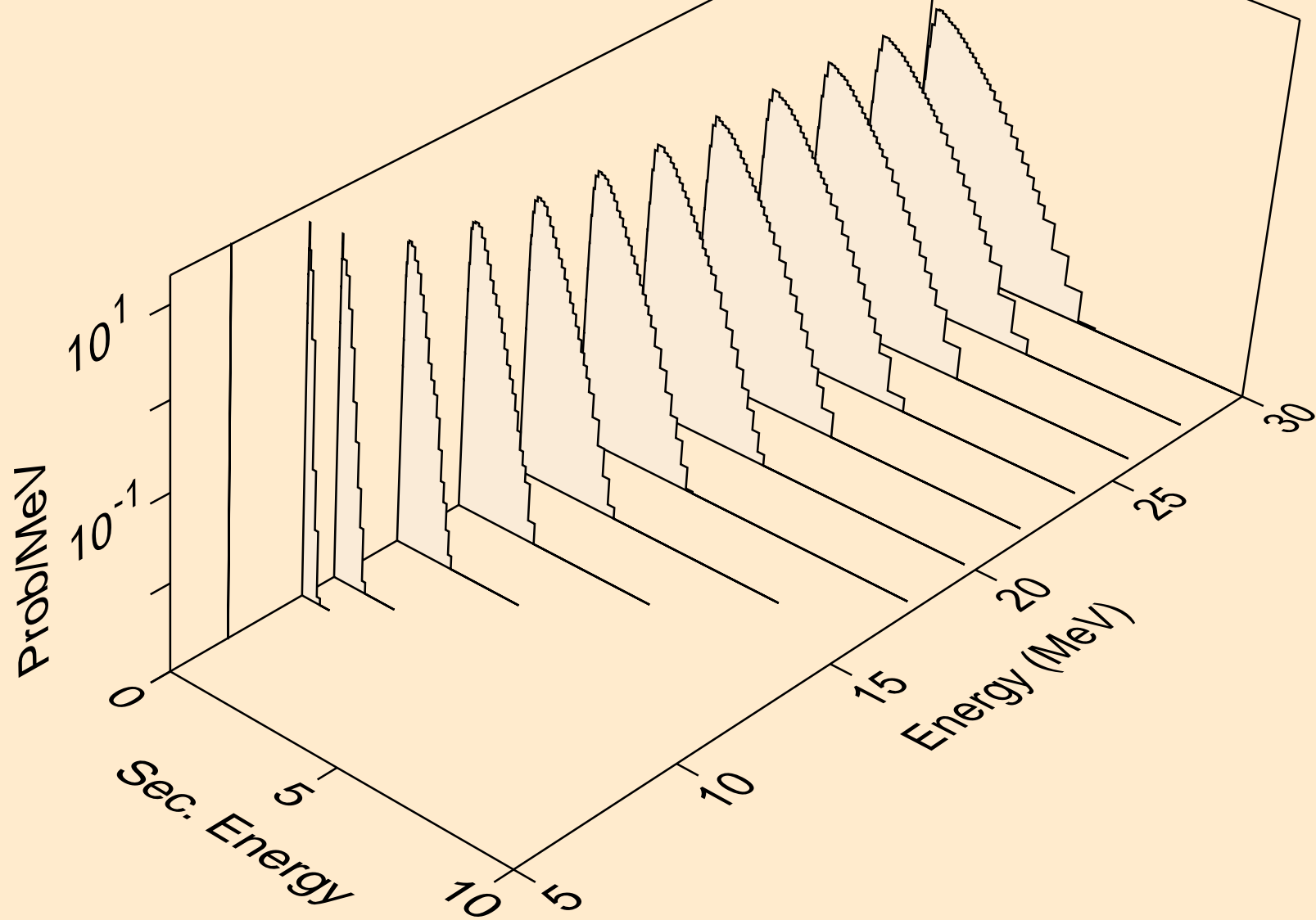
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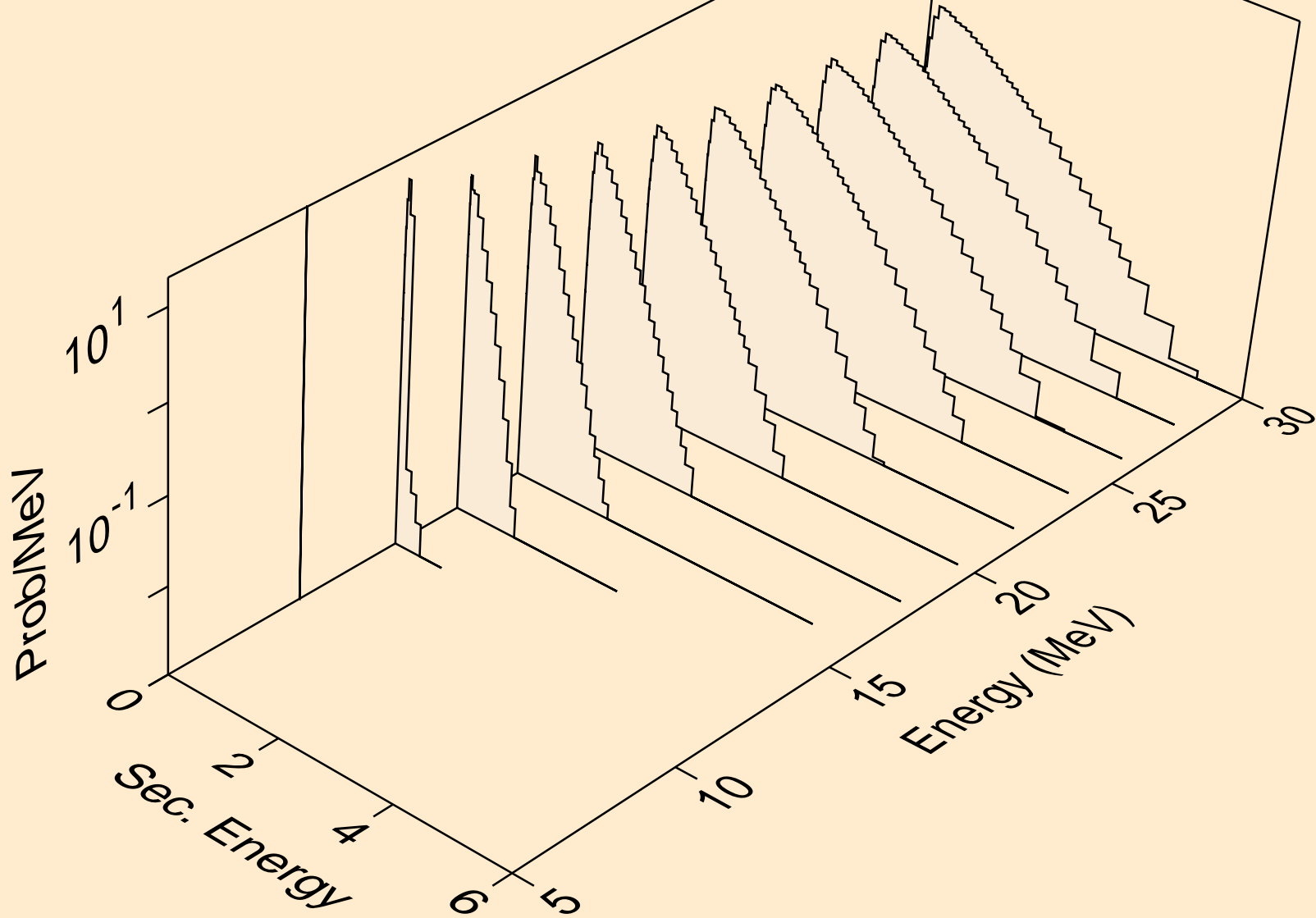
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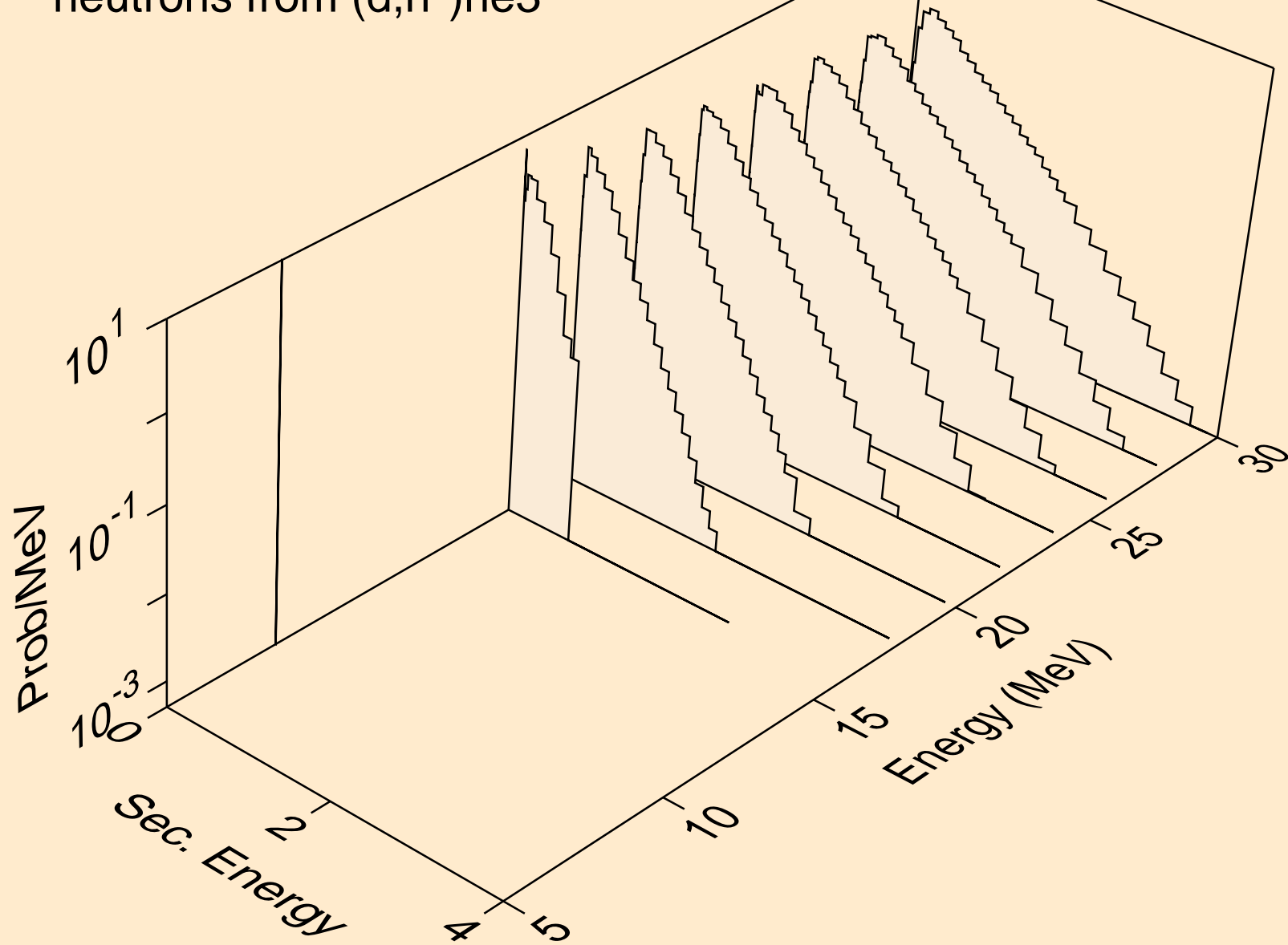
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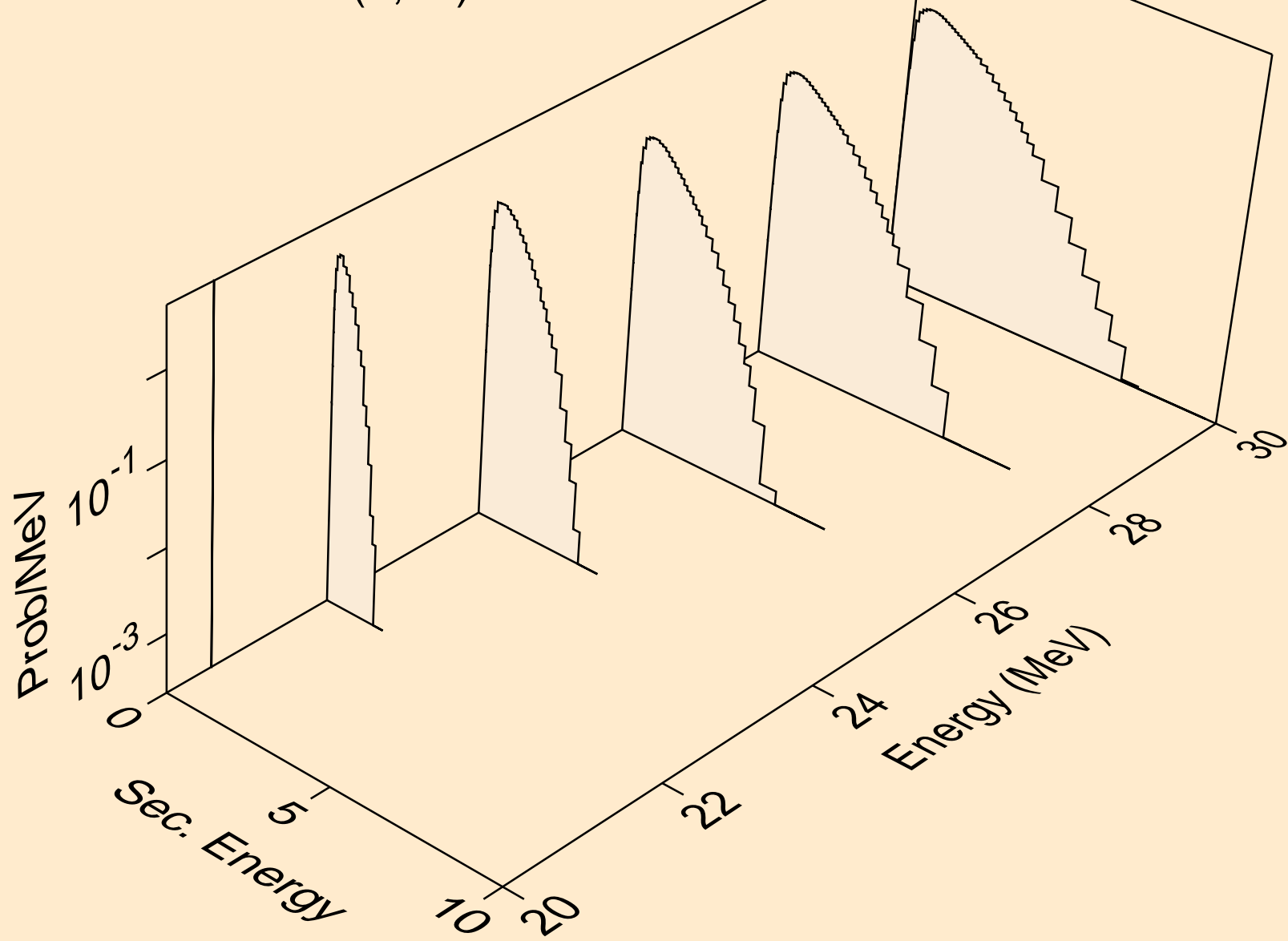
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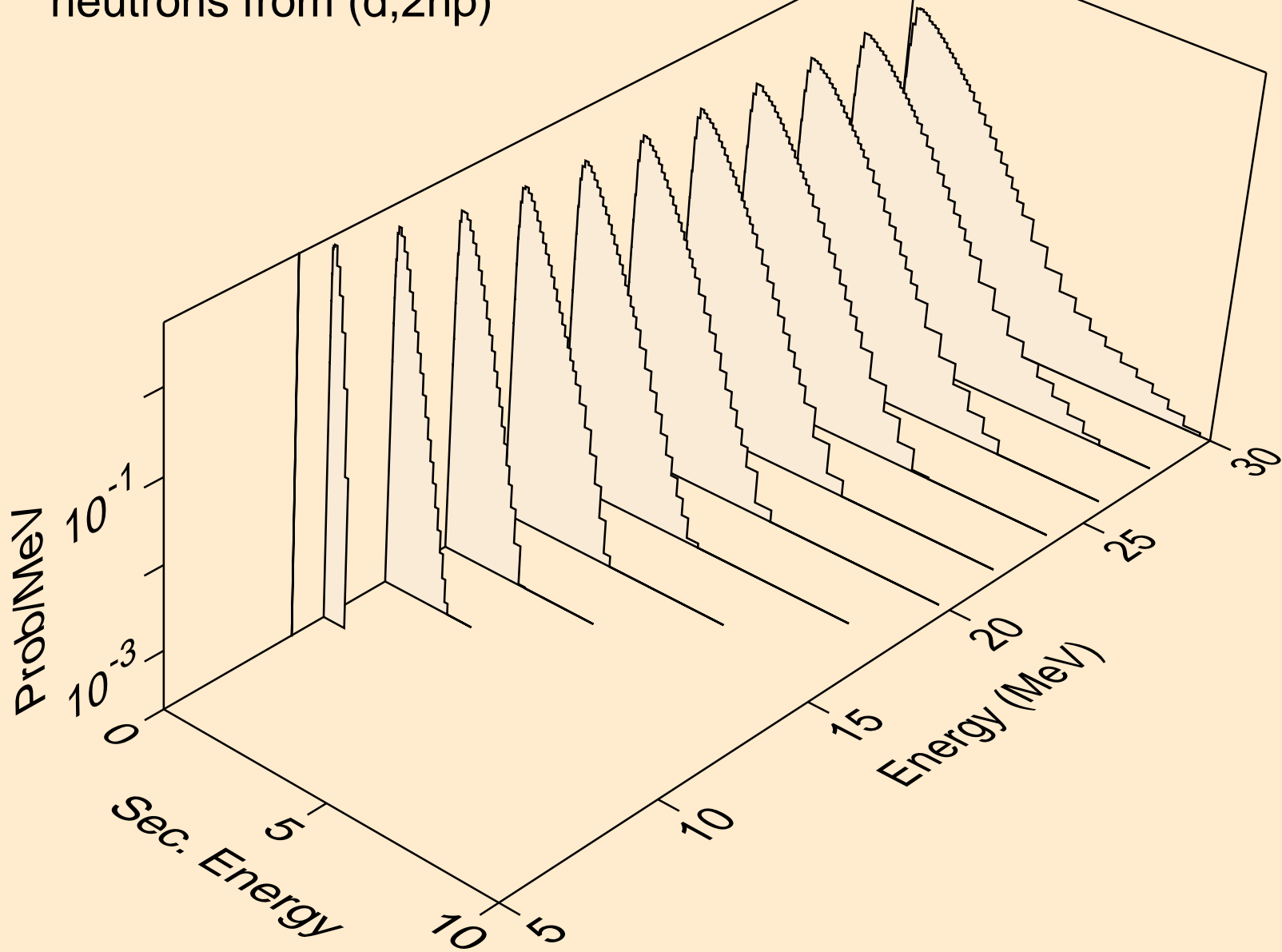
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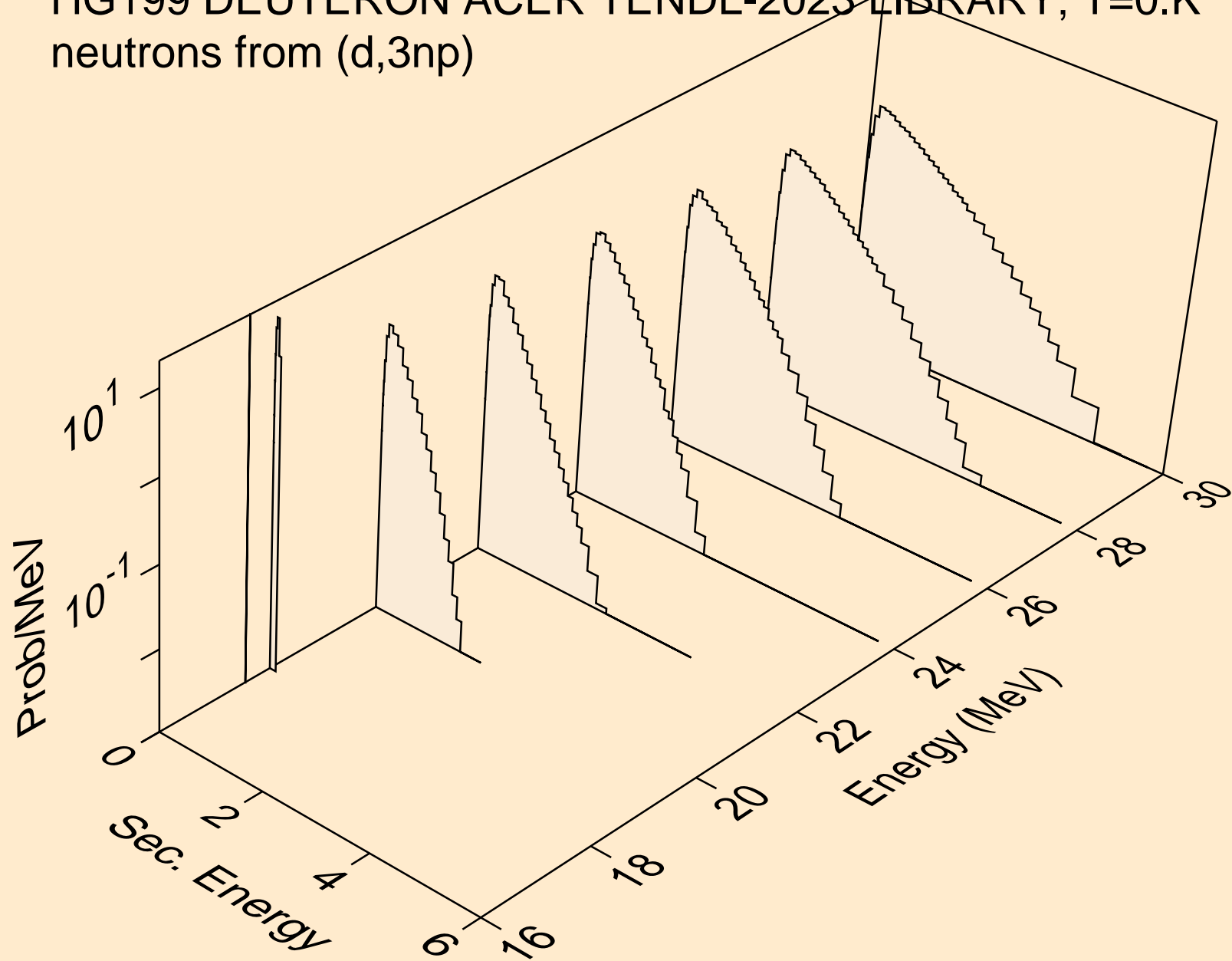
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neutrons from (d,4n)



HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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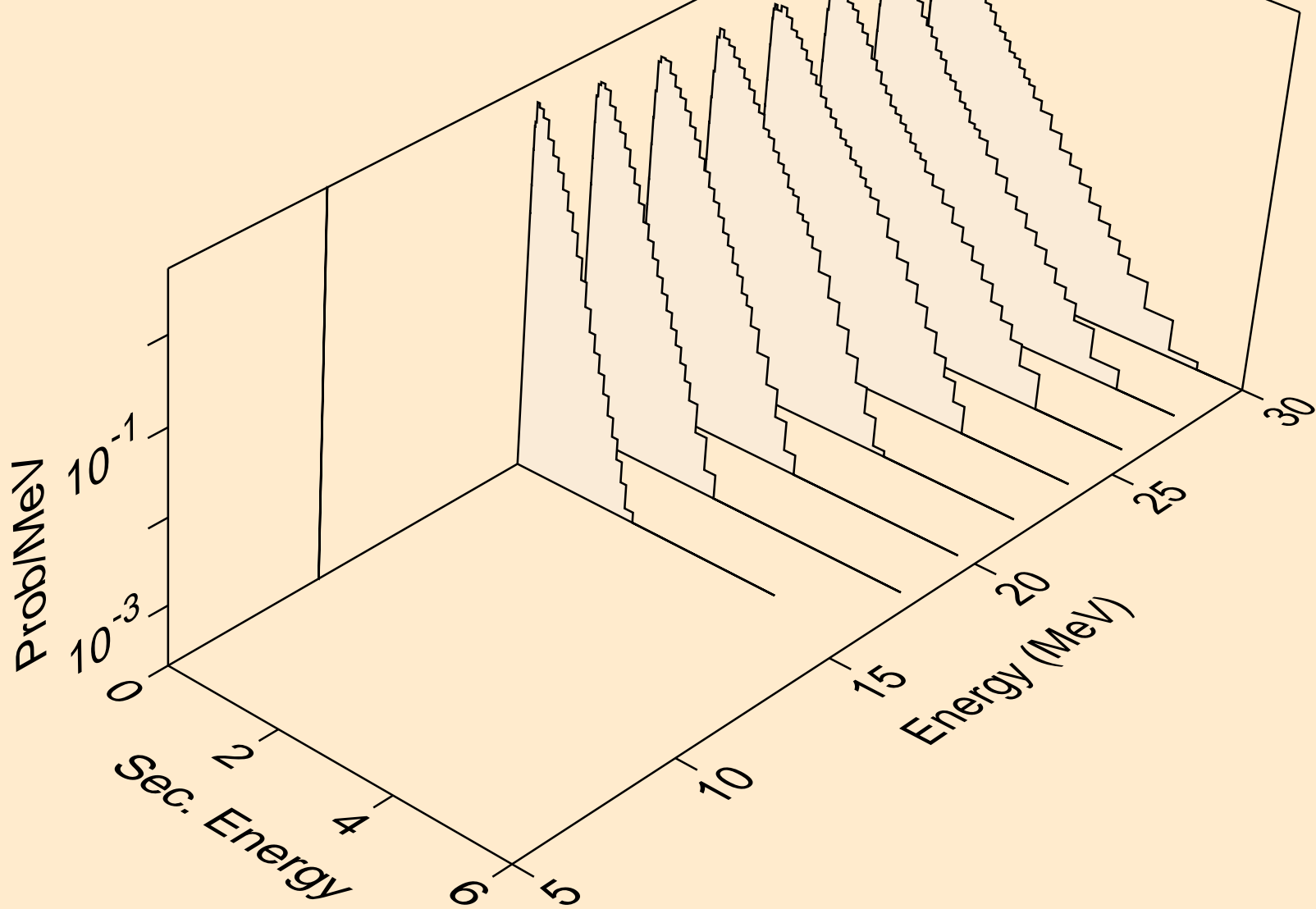


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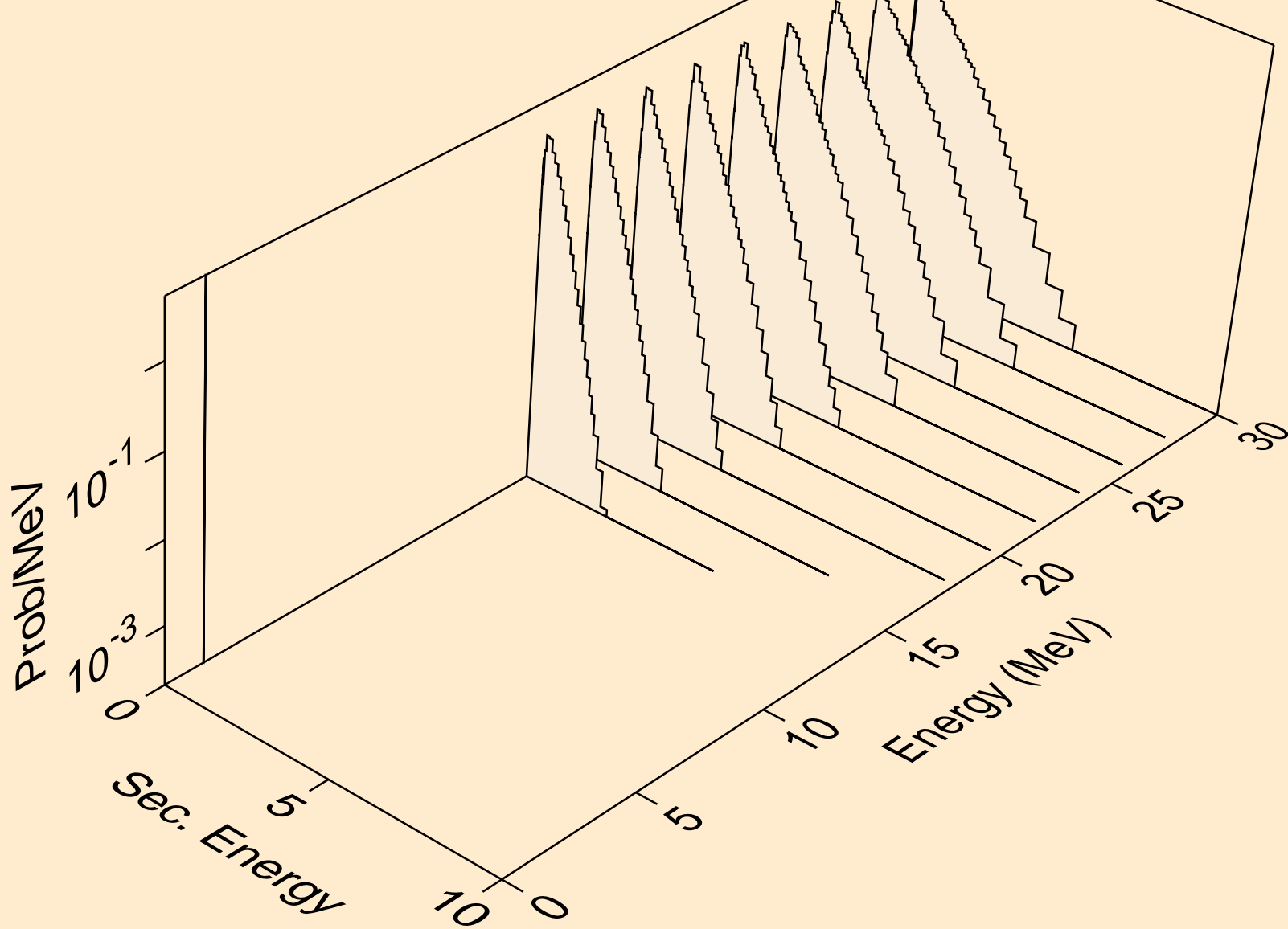




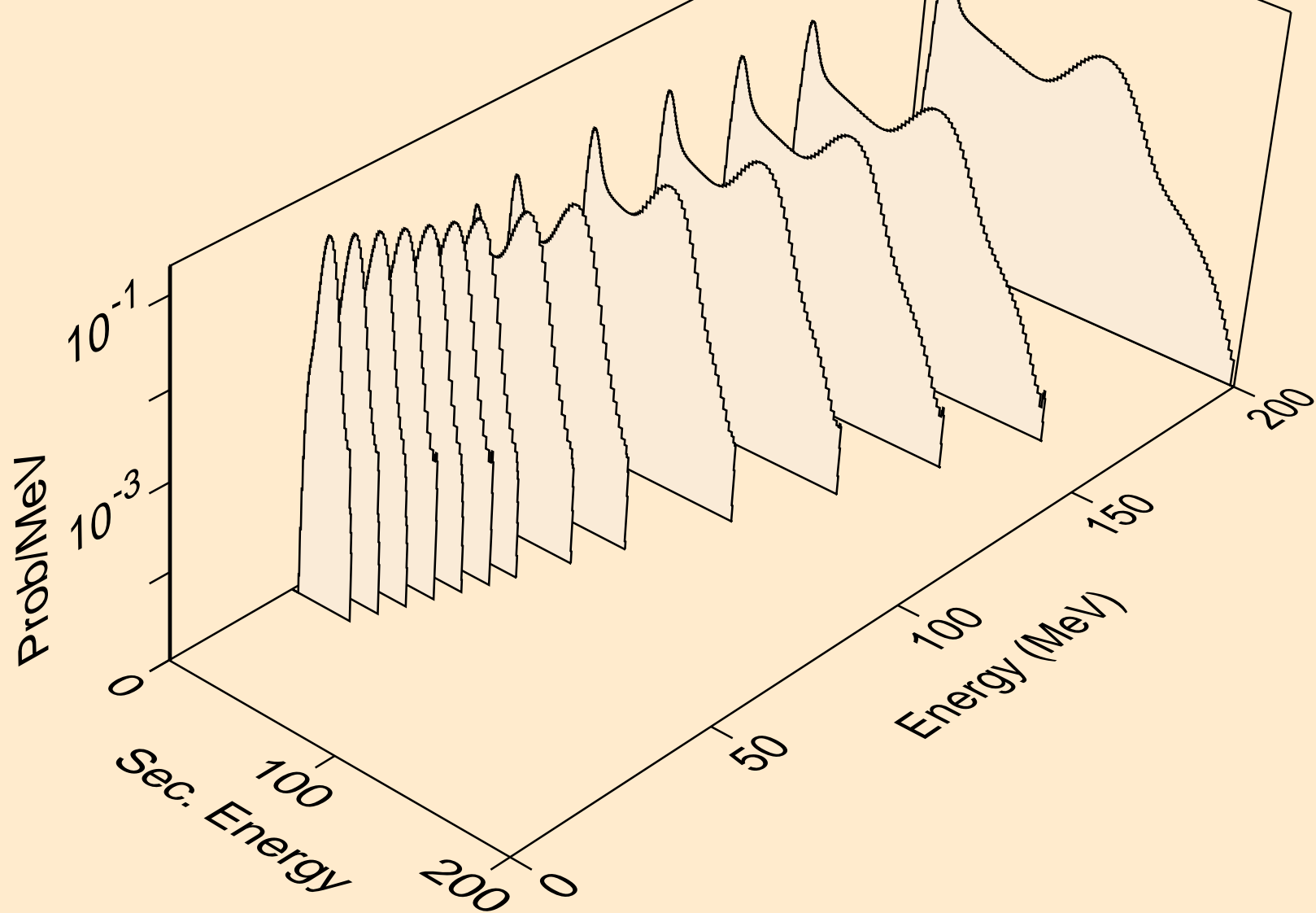
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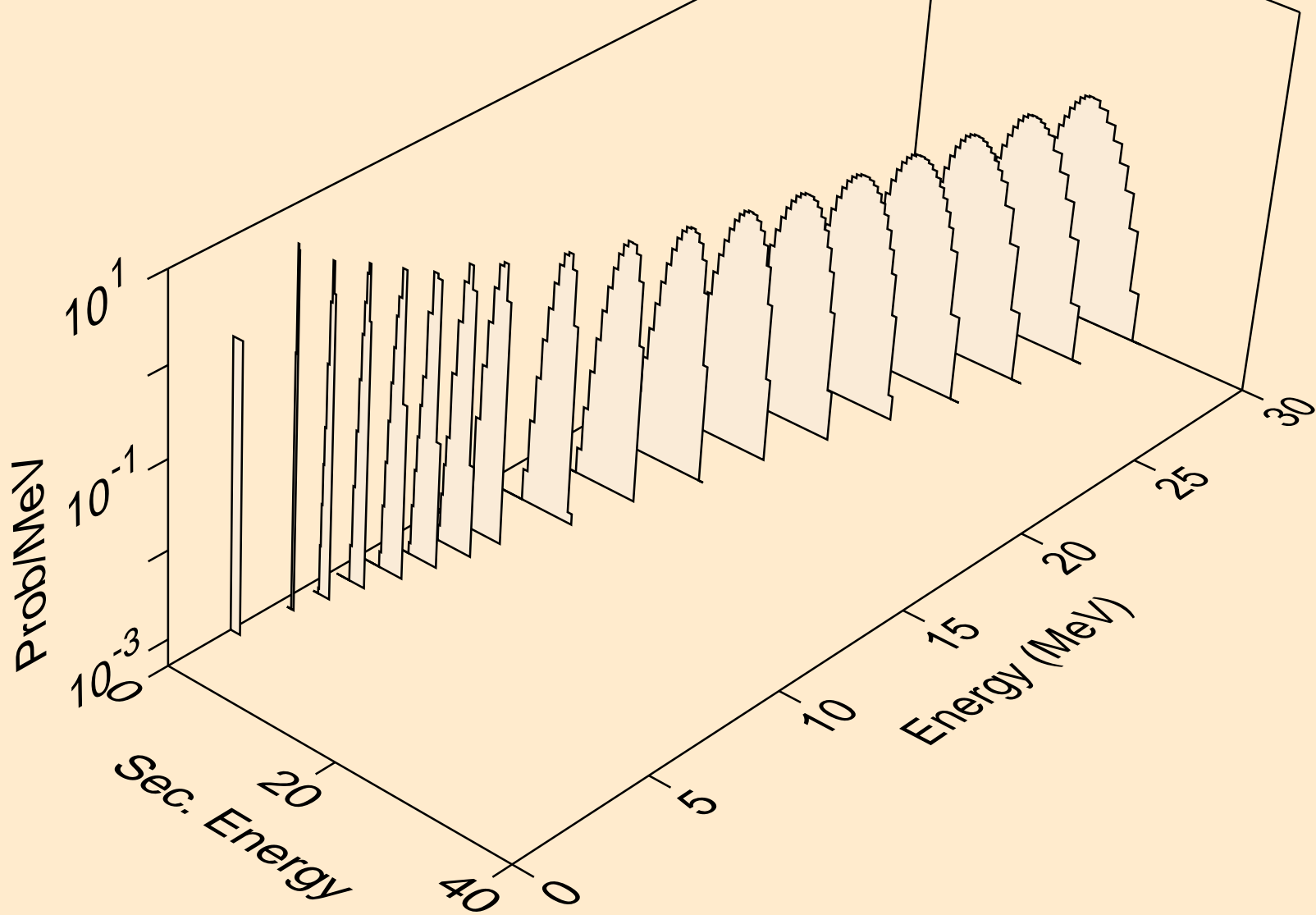
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neutrons from (d,npa)



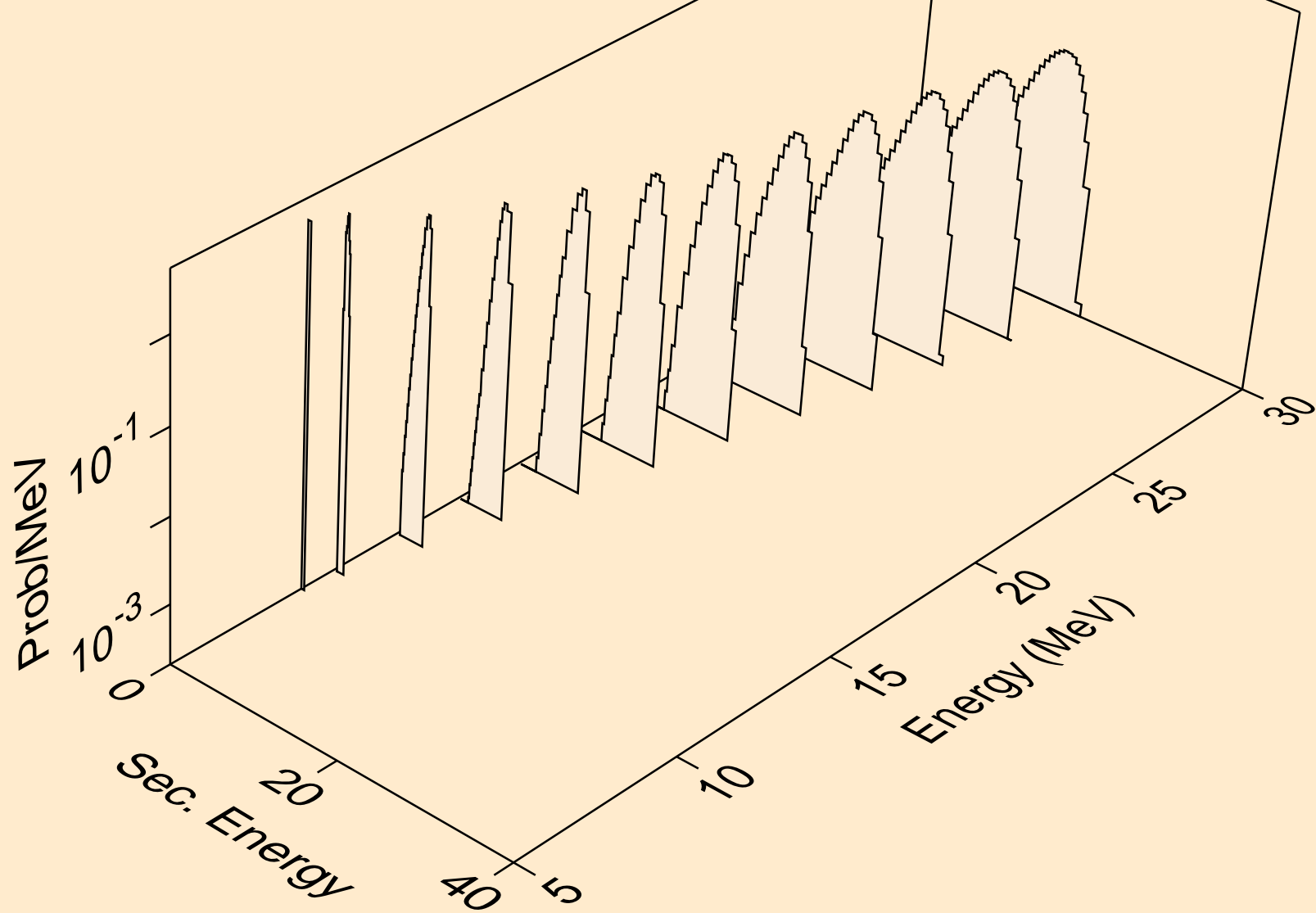
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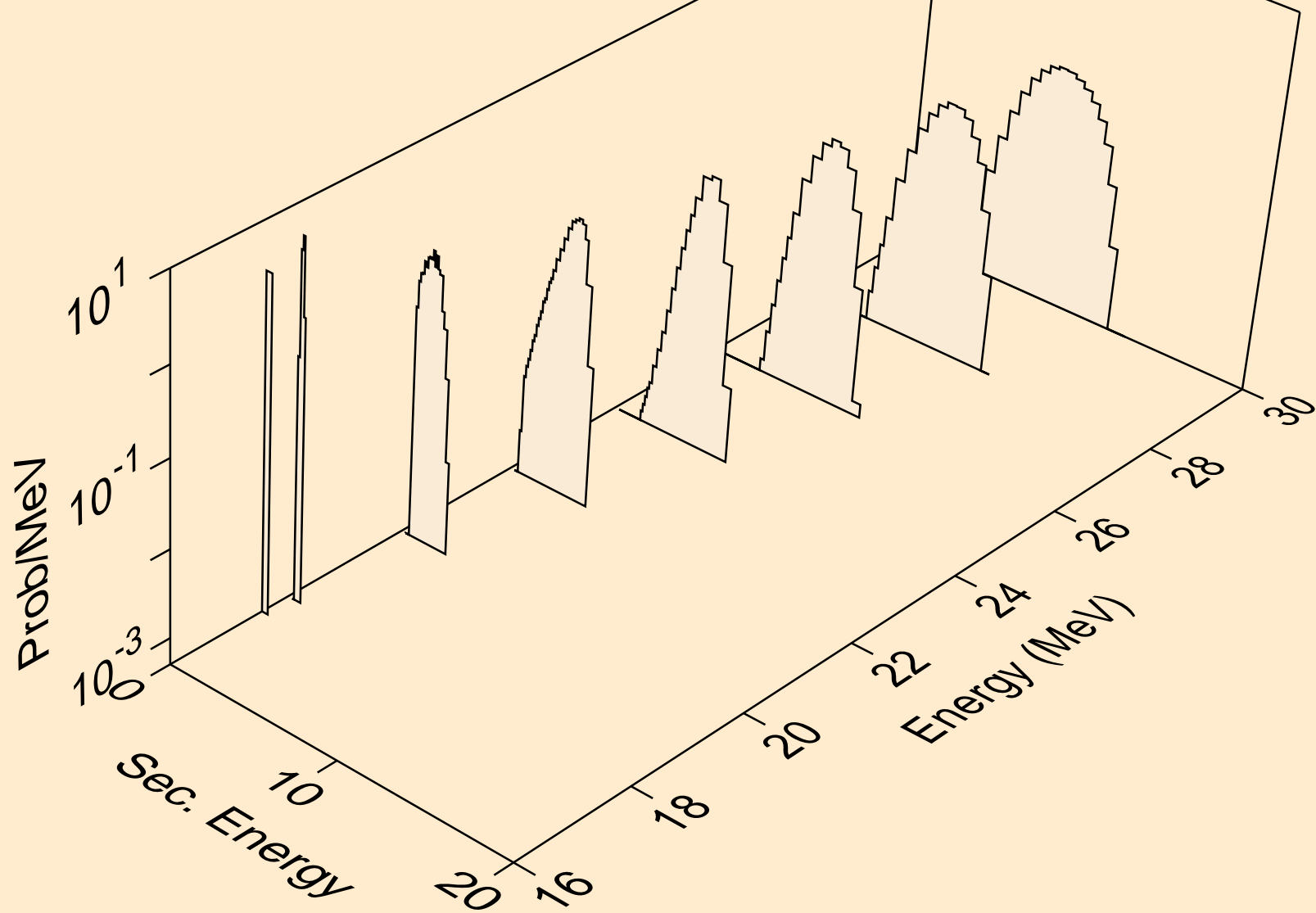
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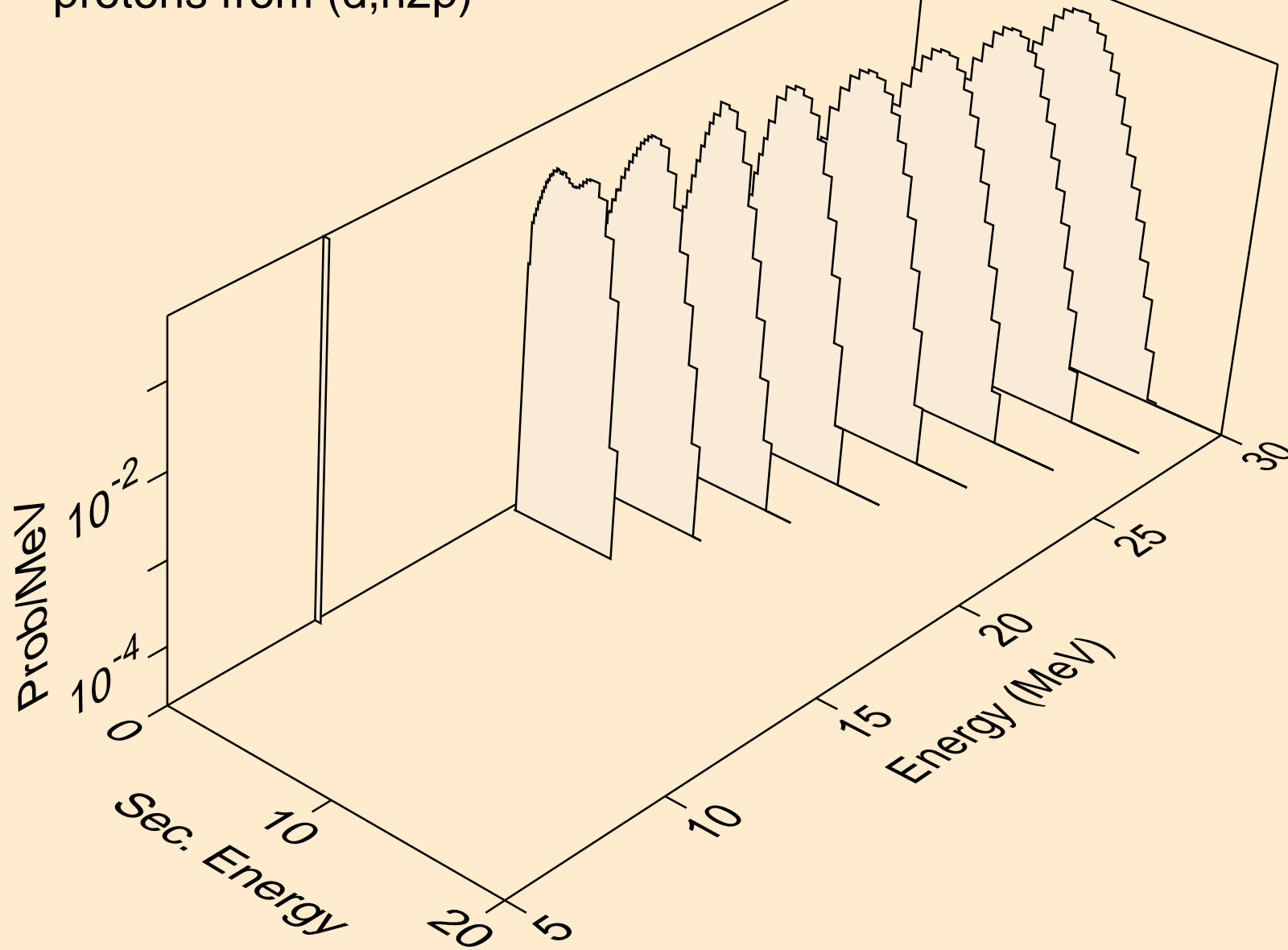
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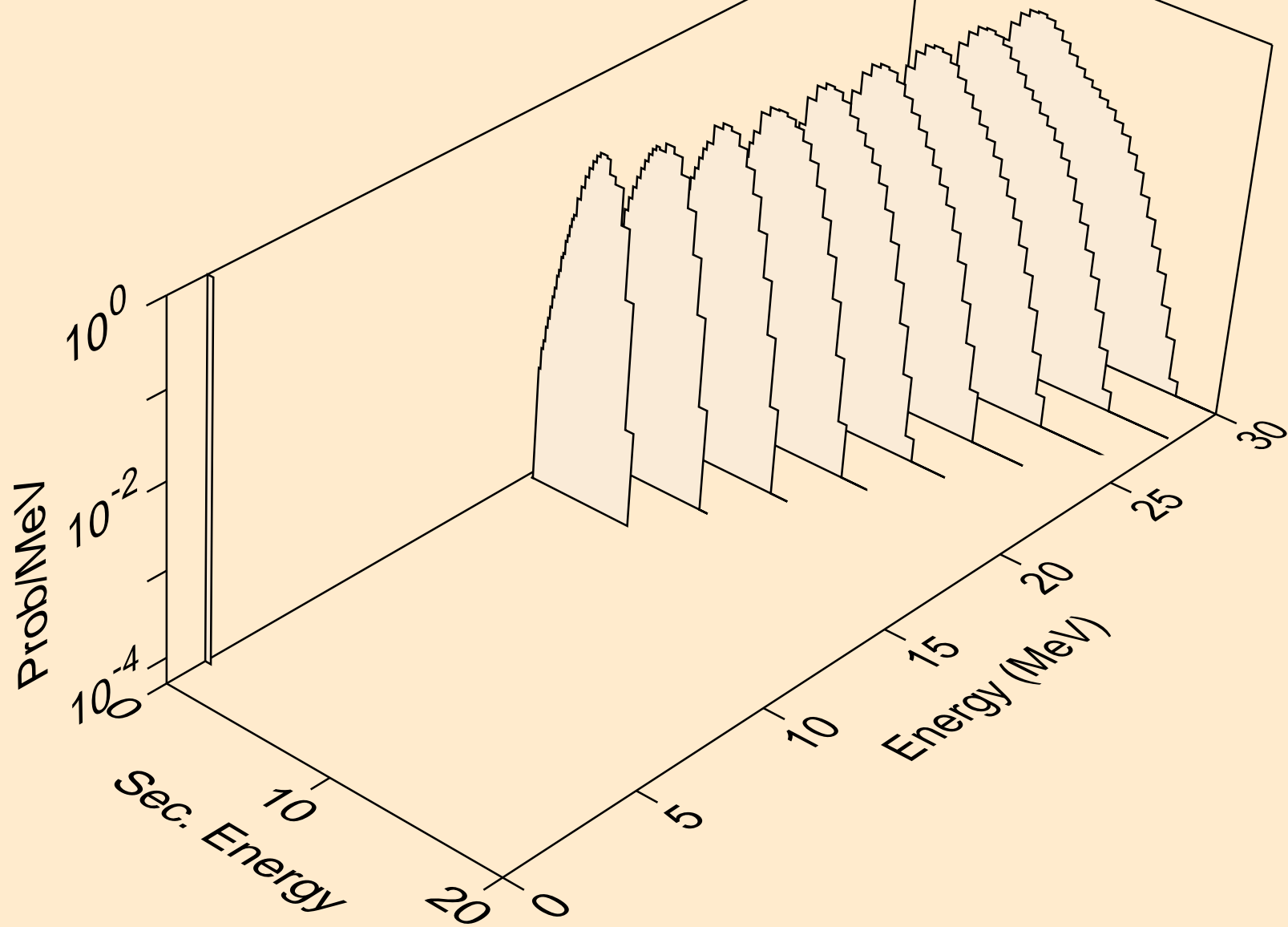
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protons from (d,3np)



HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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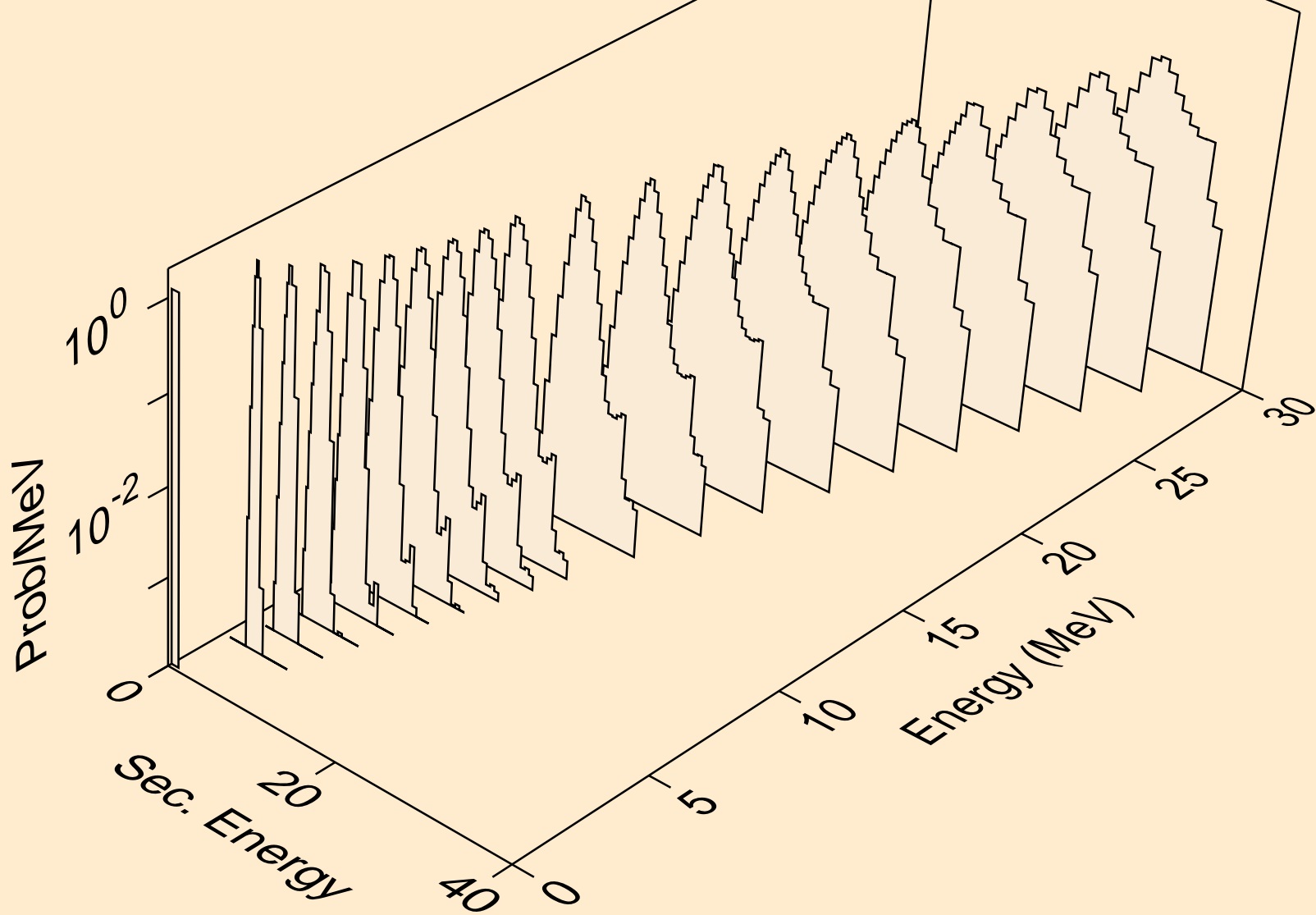


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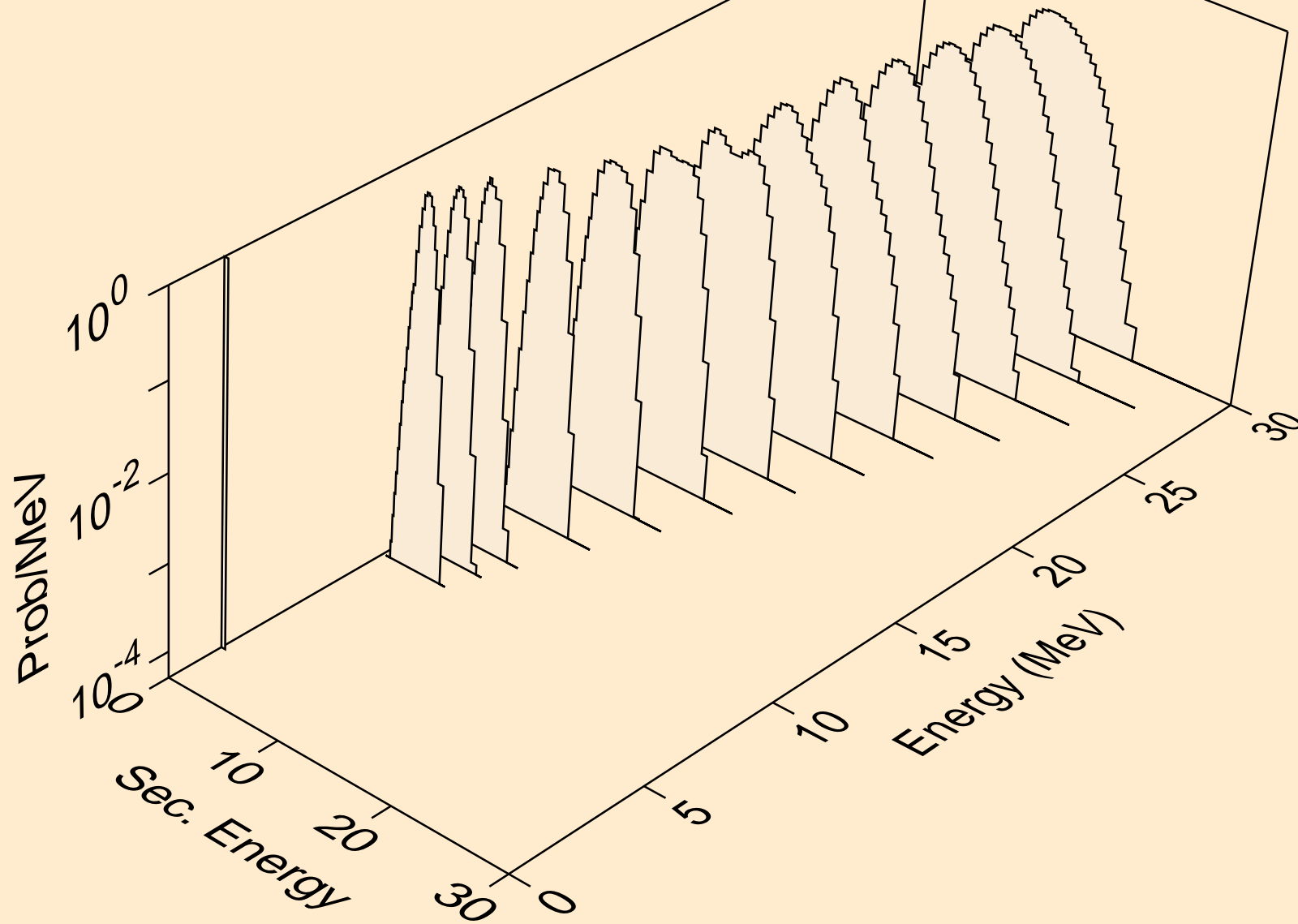




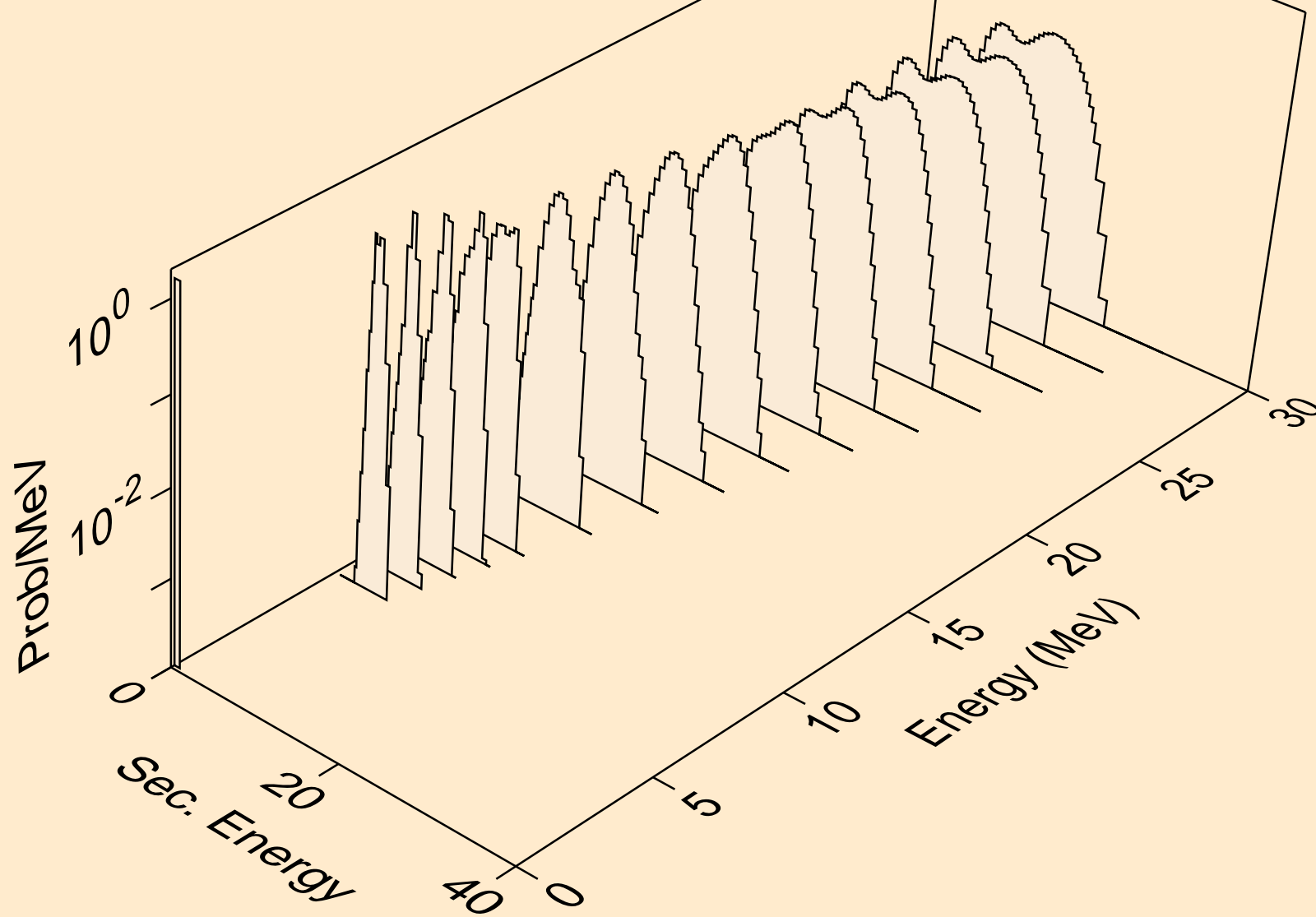
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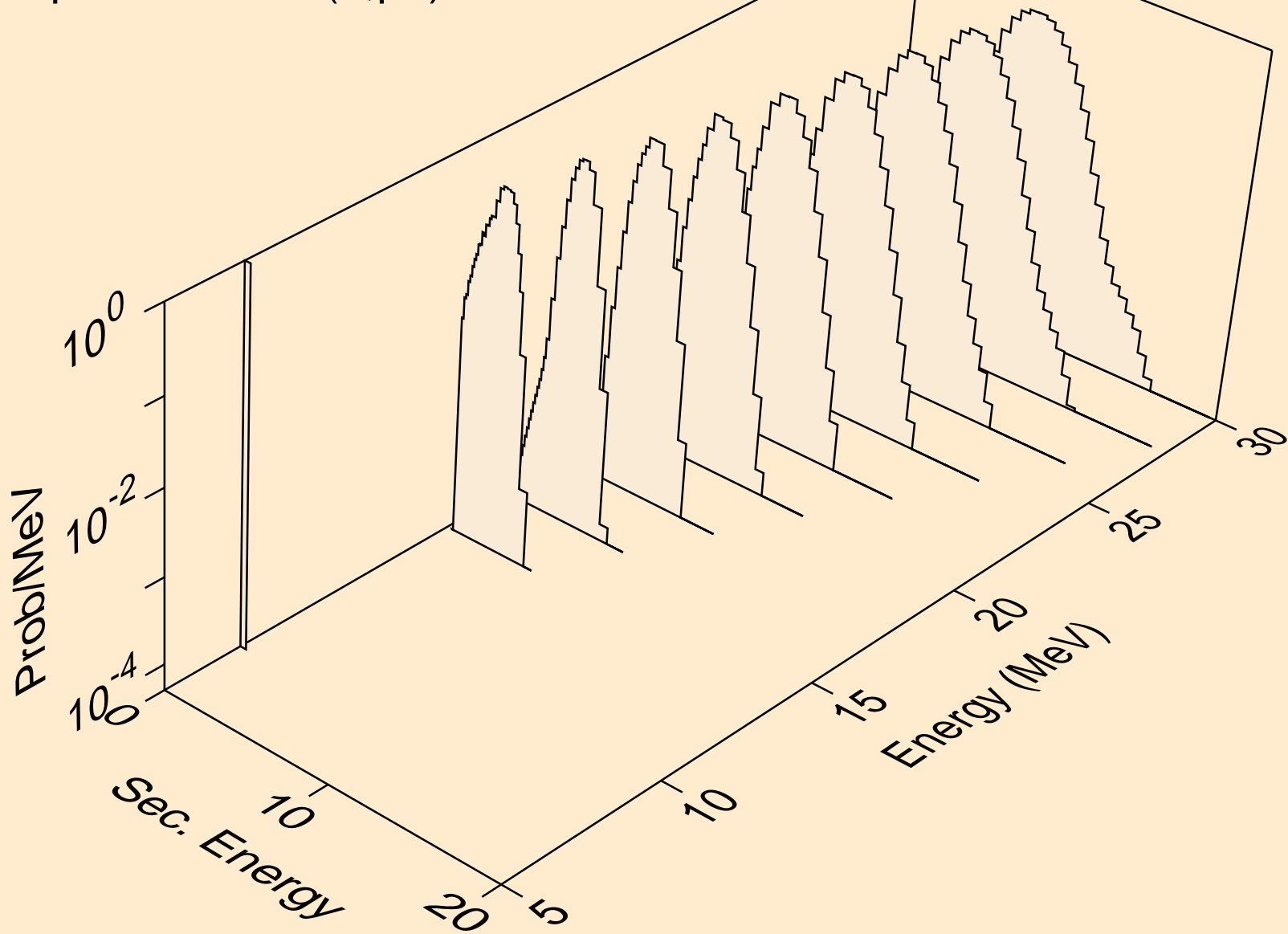
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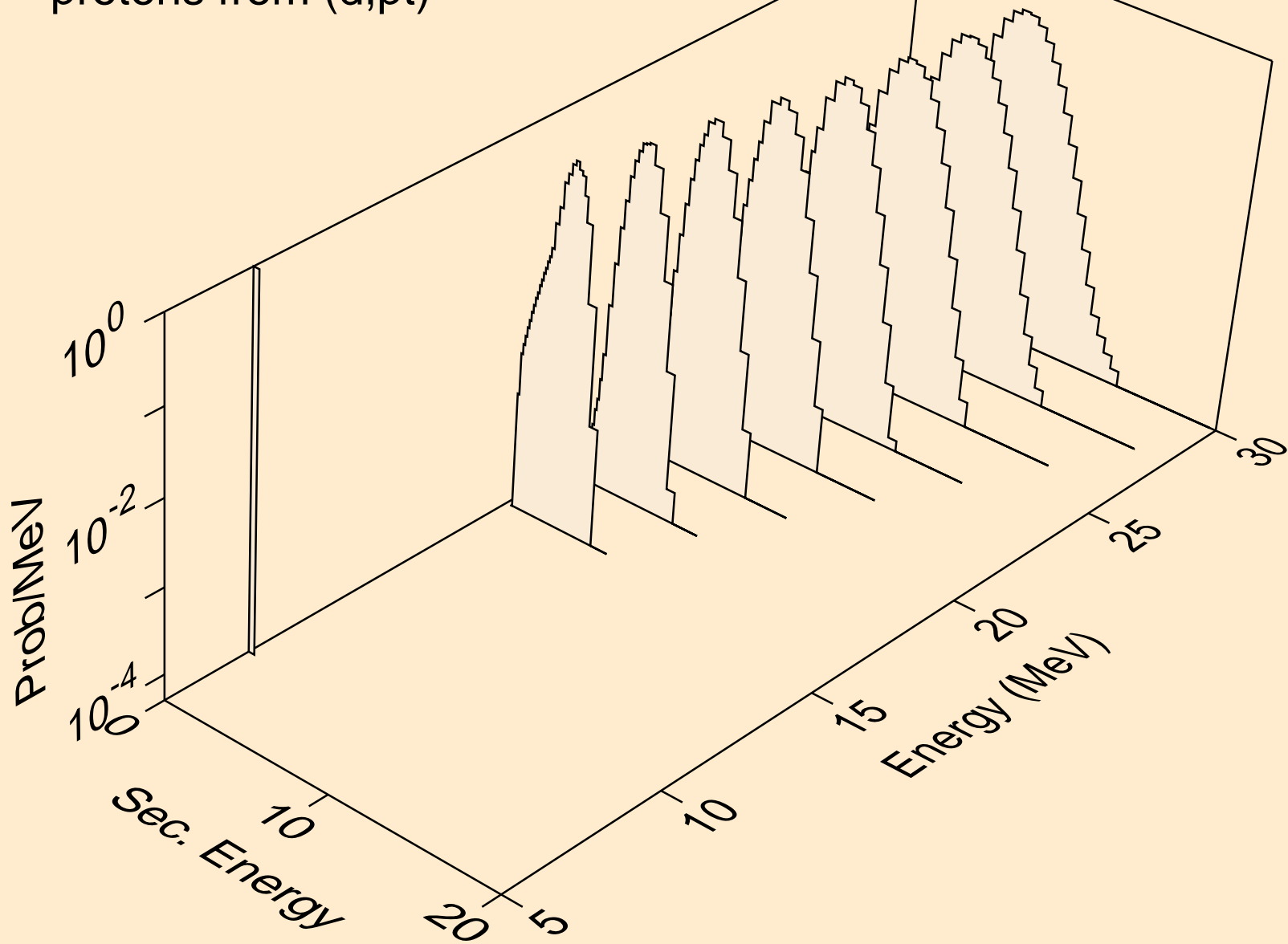
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protons from (d,pa)



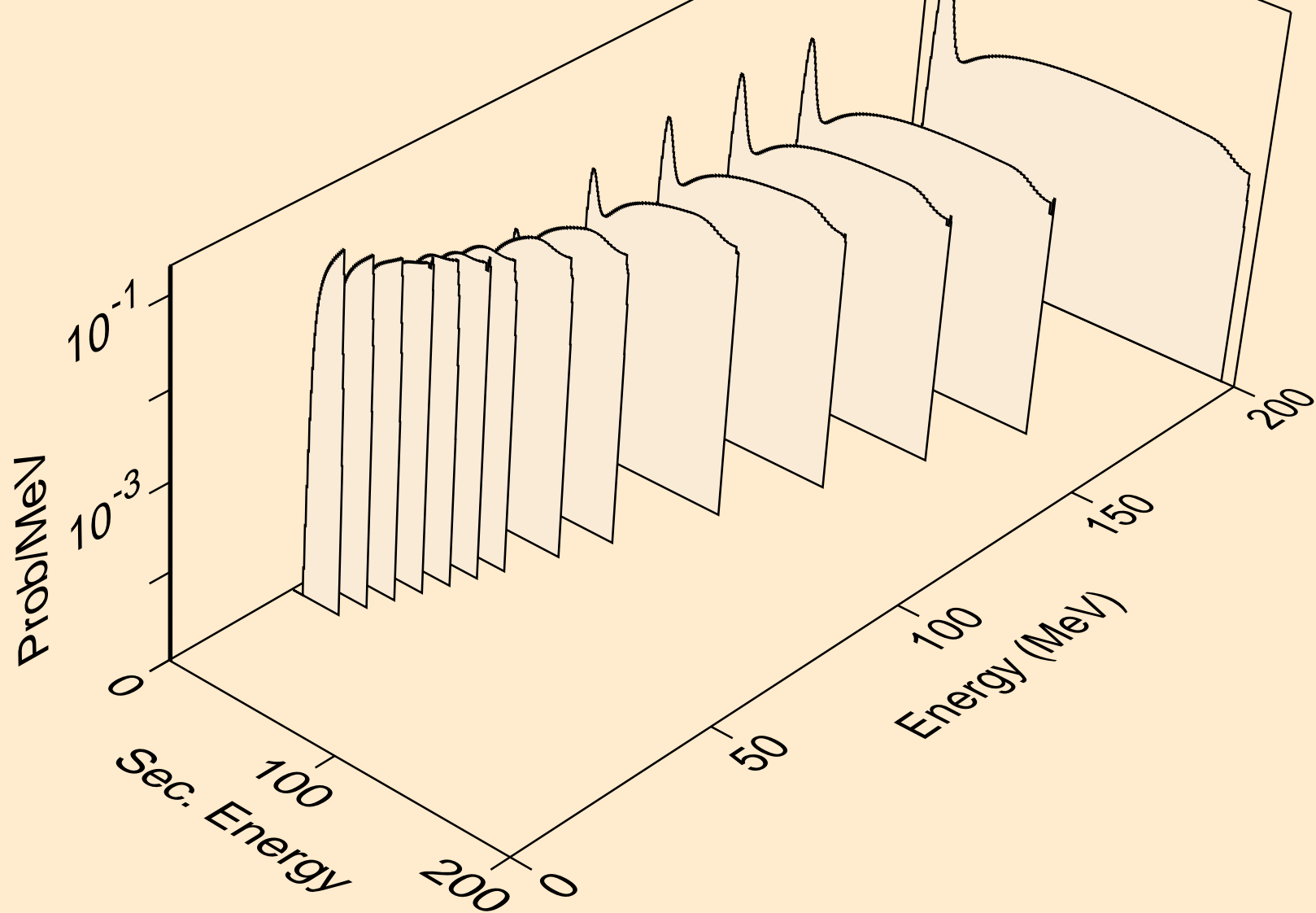
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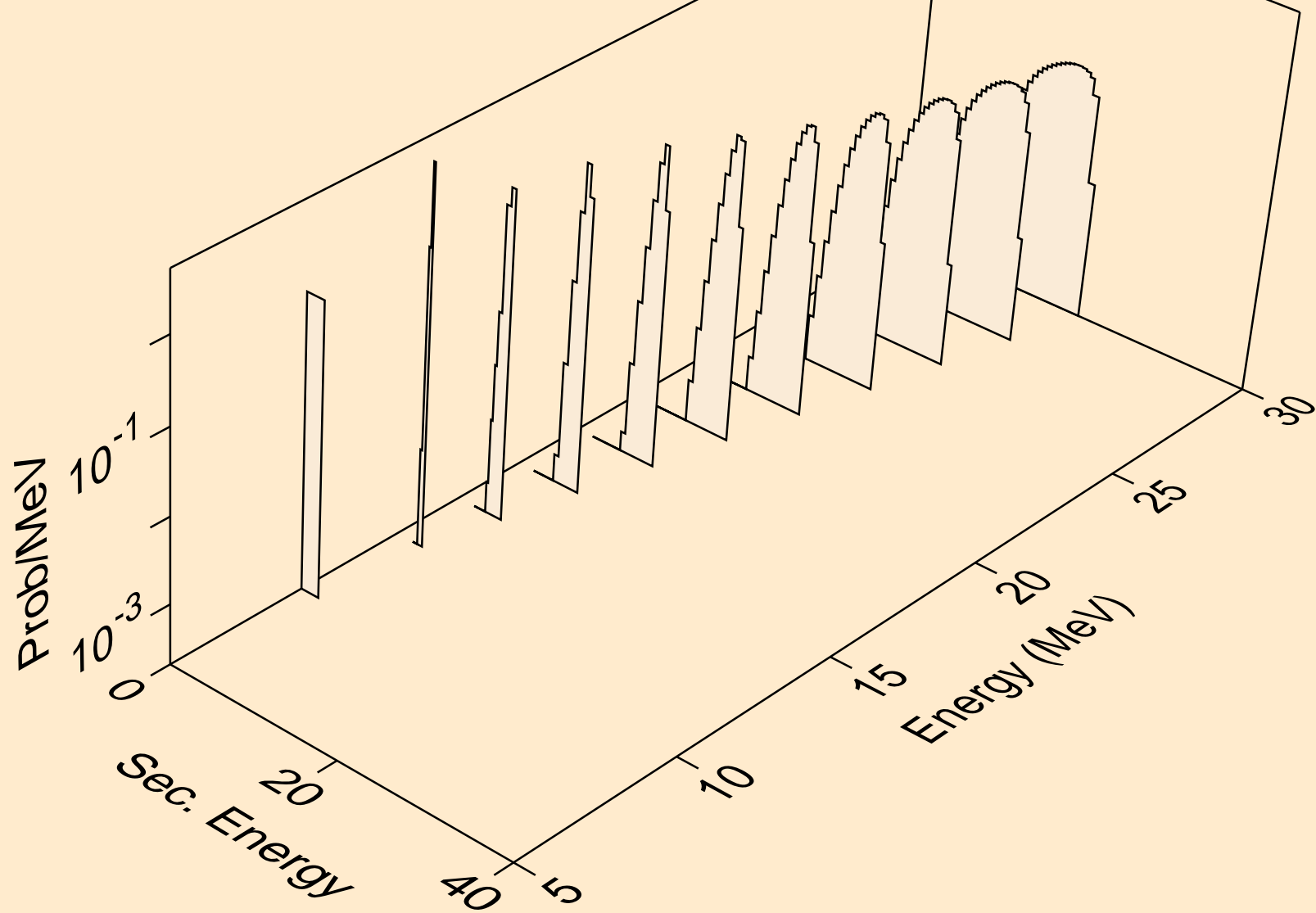
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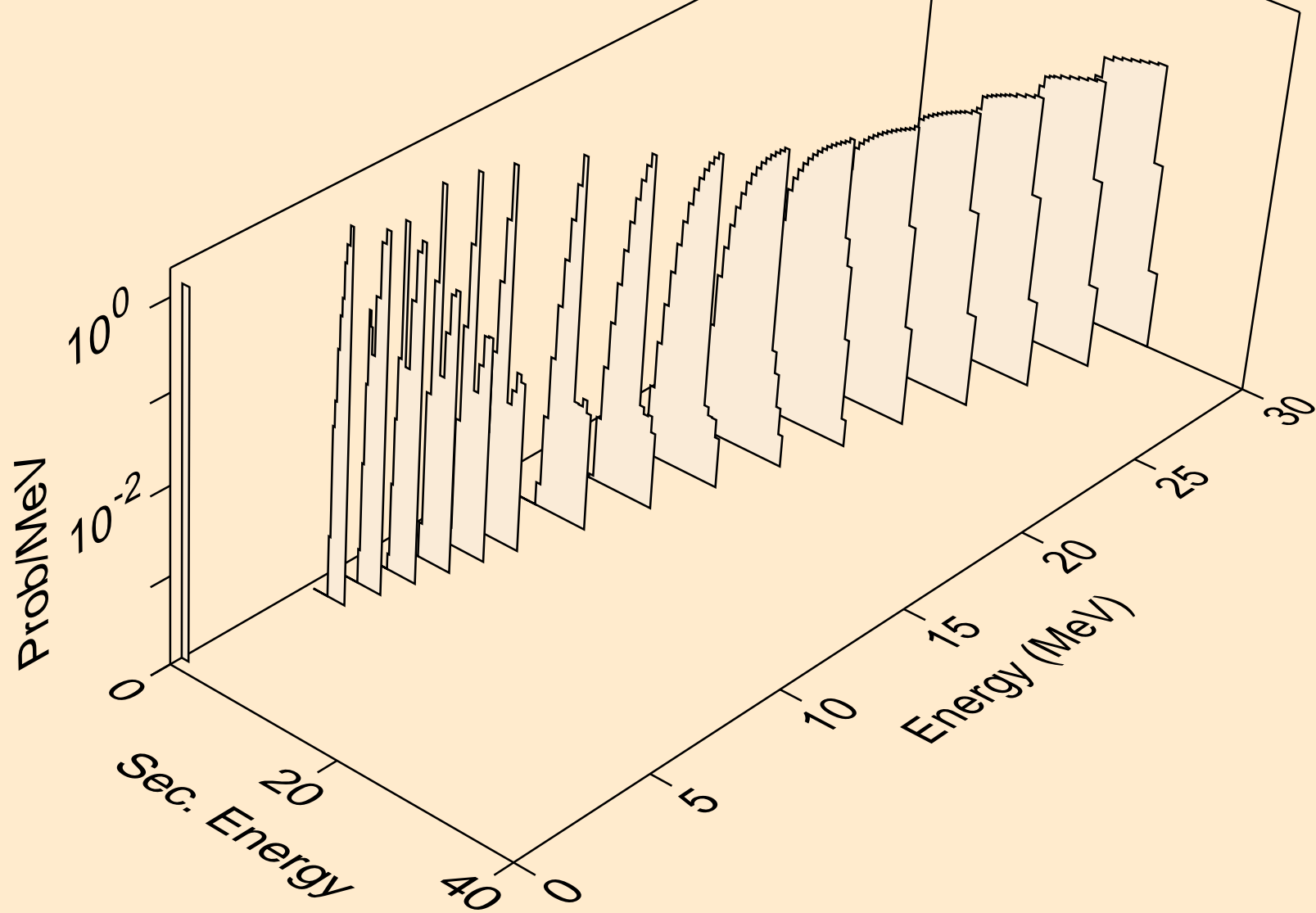
HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,x)



HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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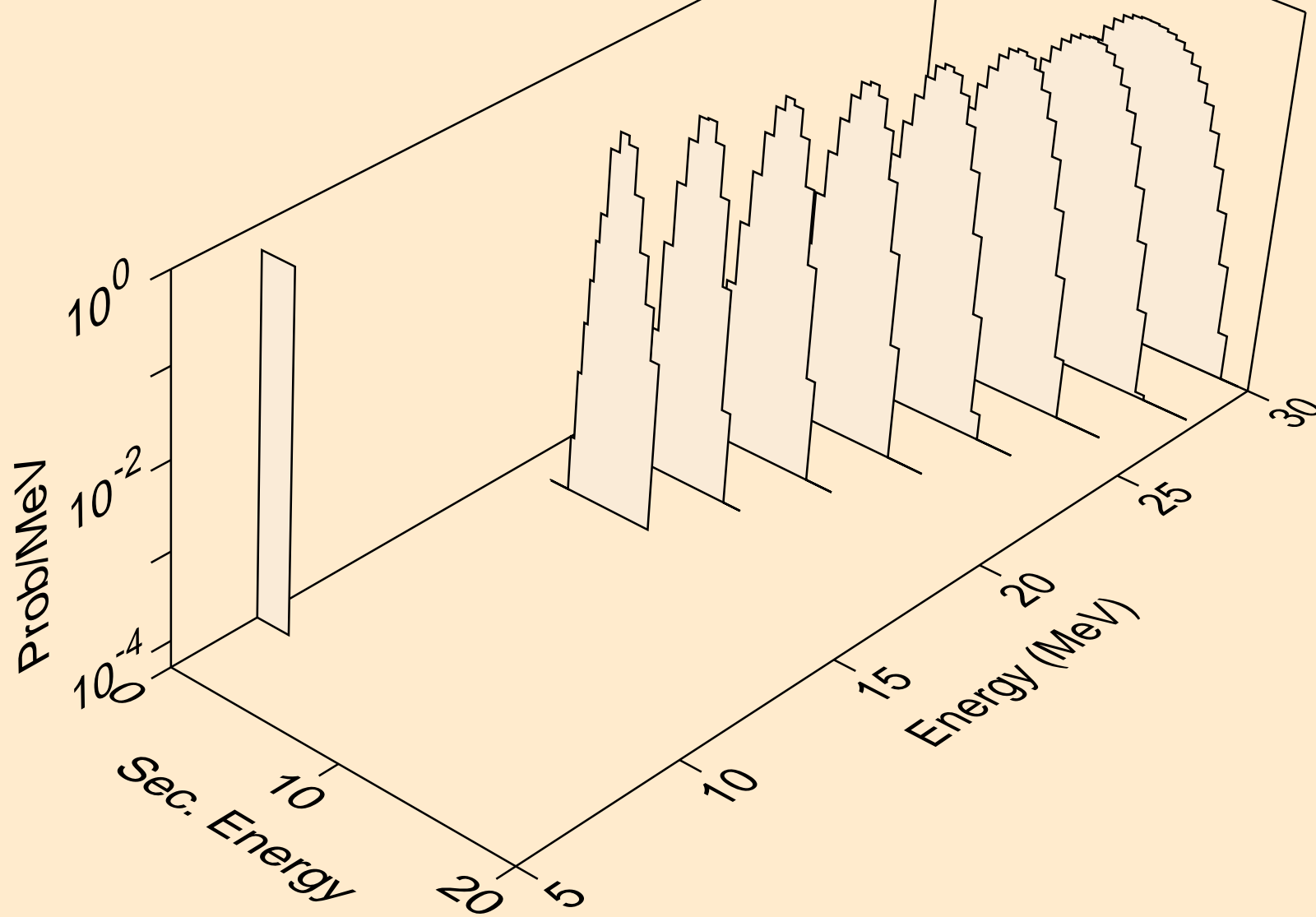


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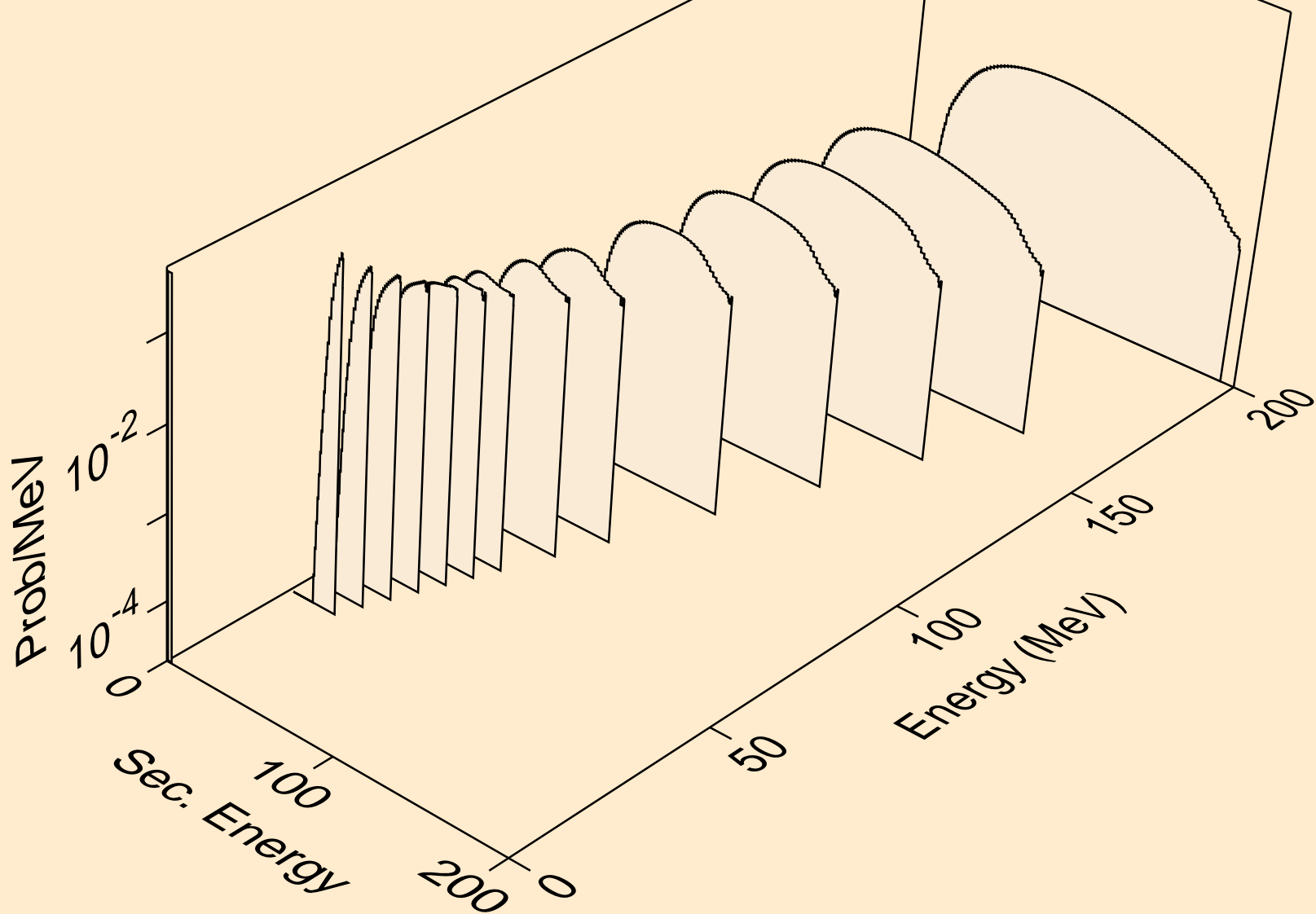




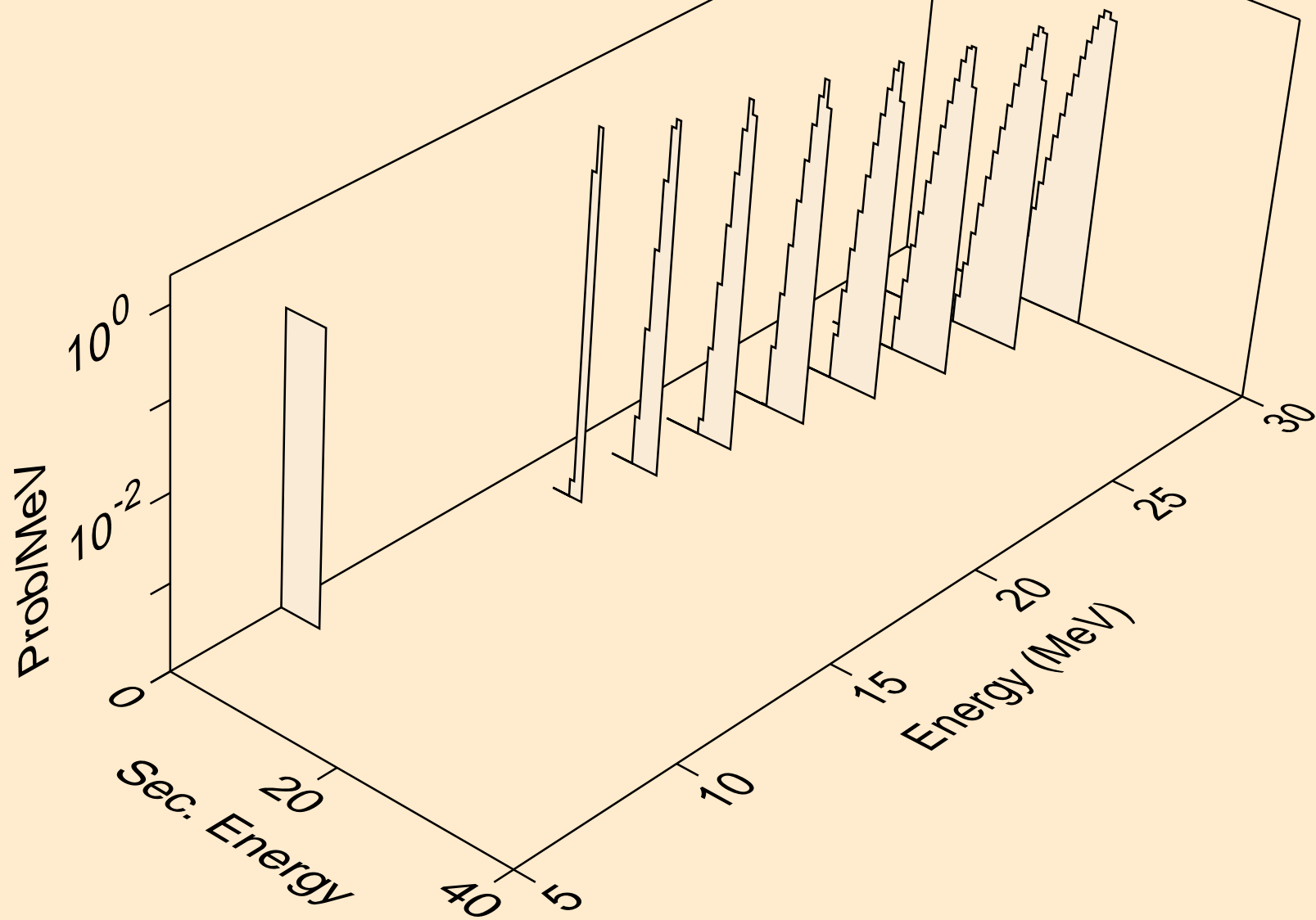
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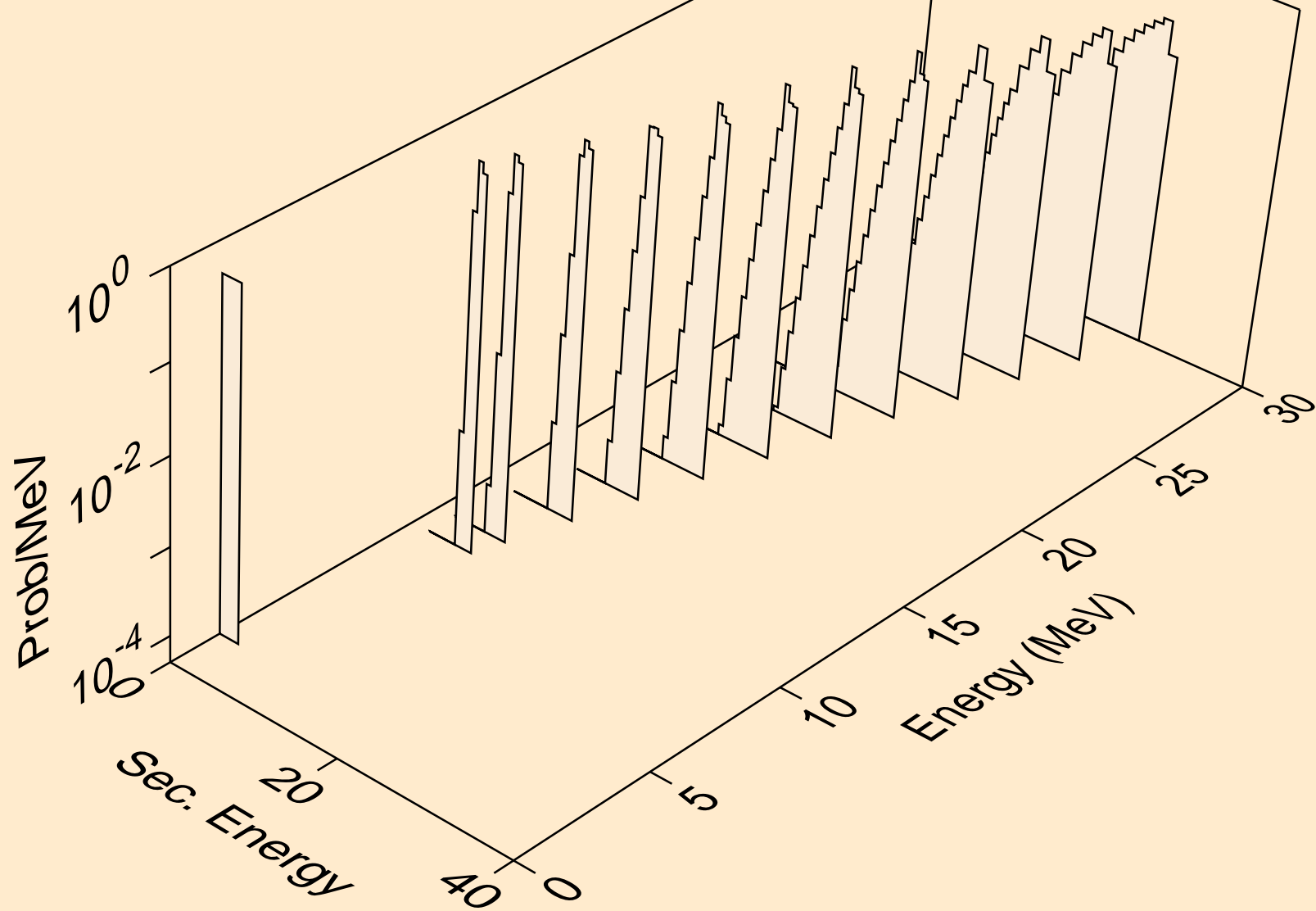
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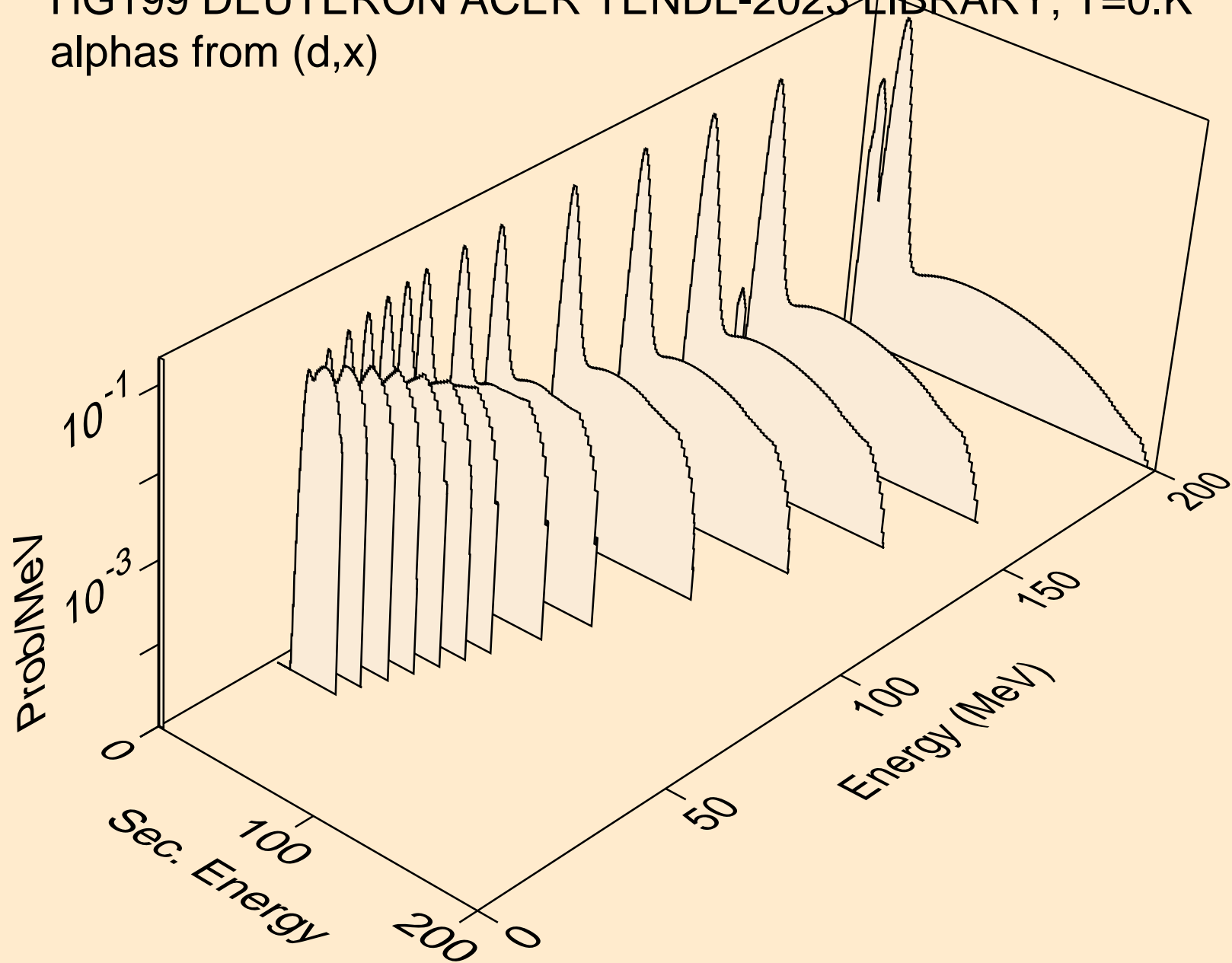
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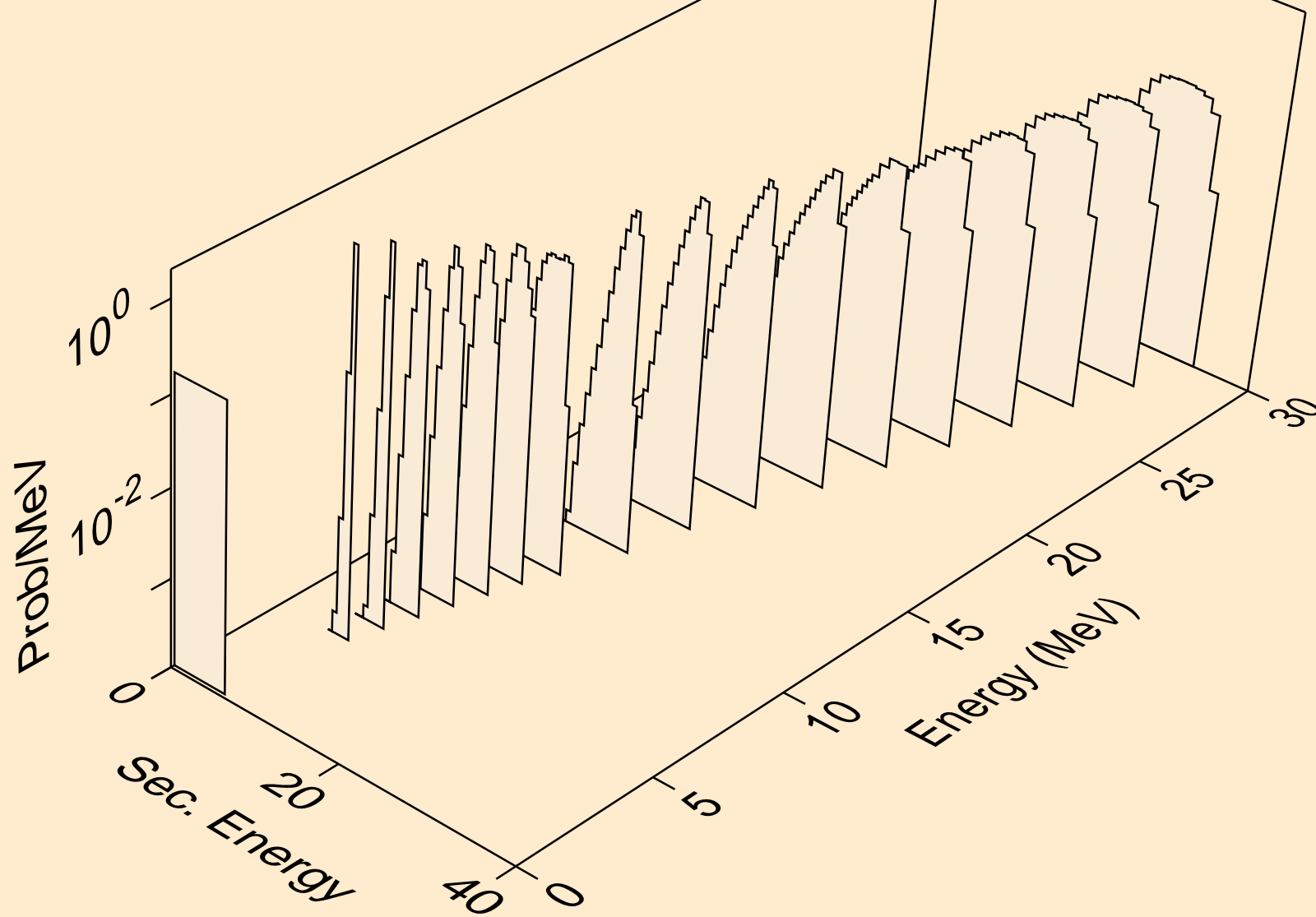
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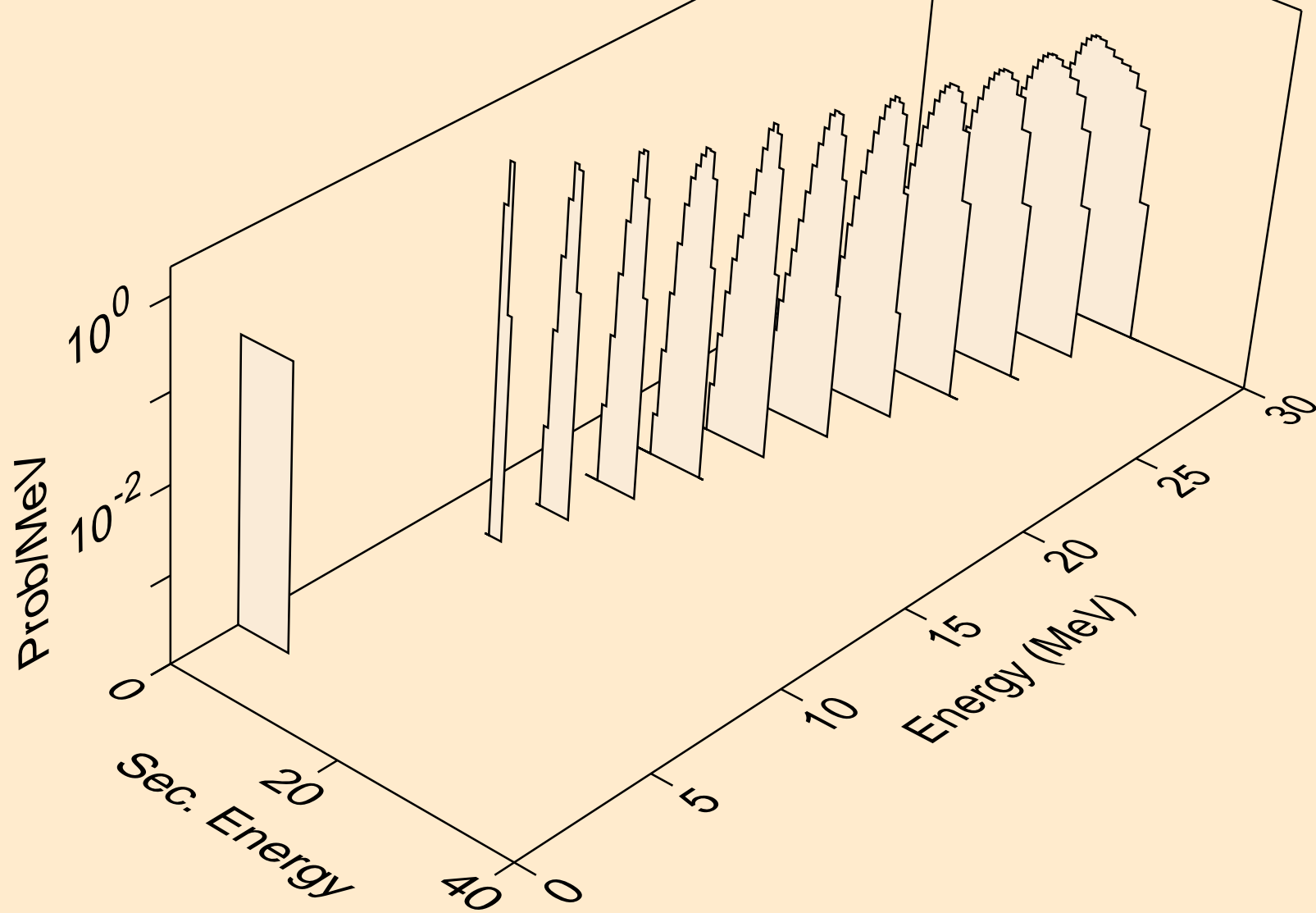
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alphas from (d,x)



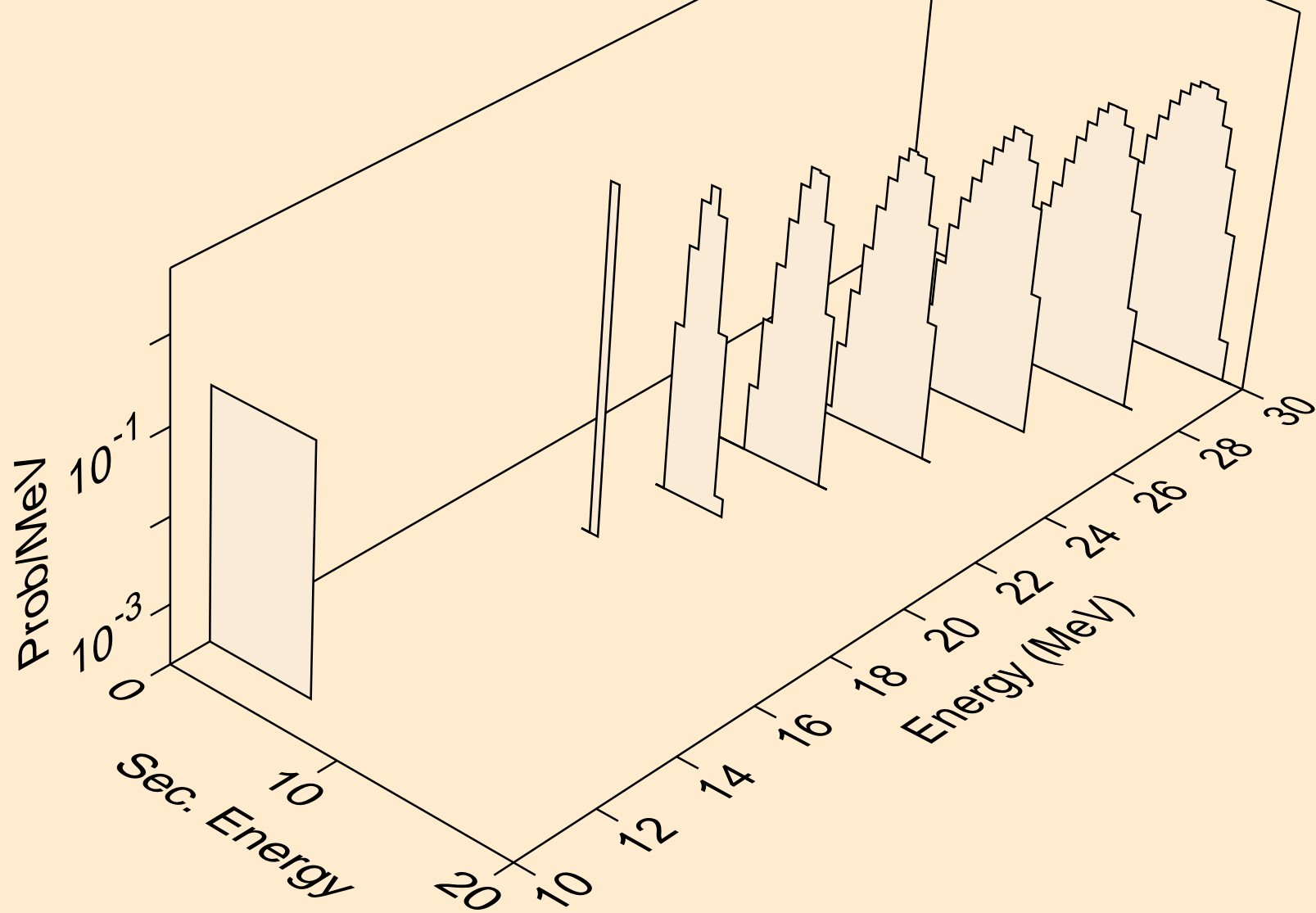
HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a



HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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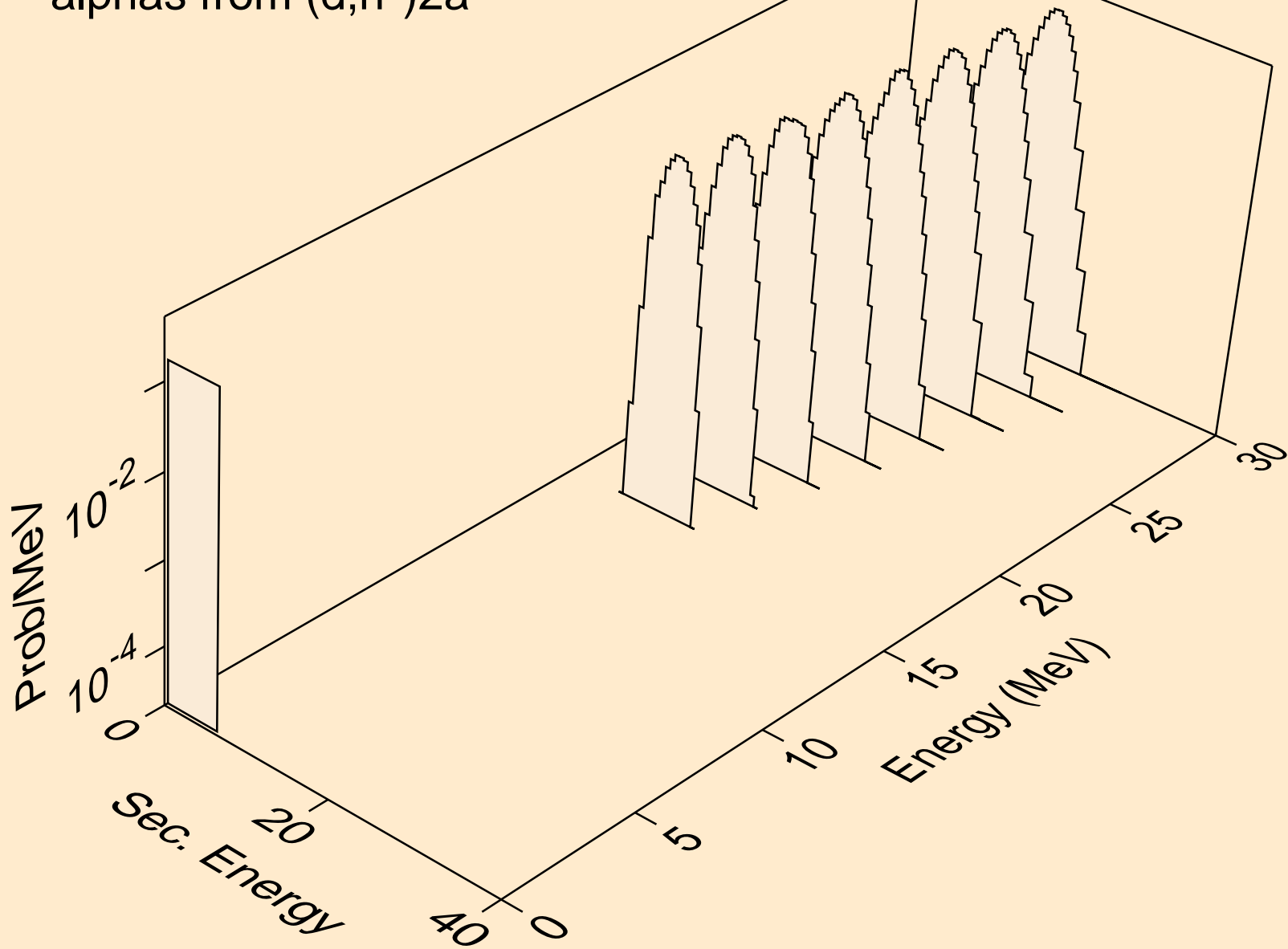


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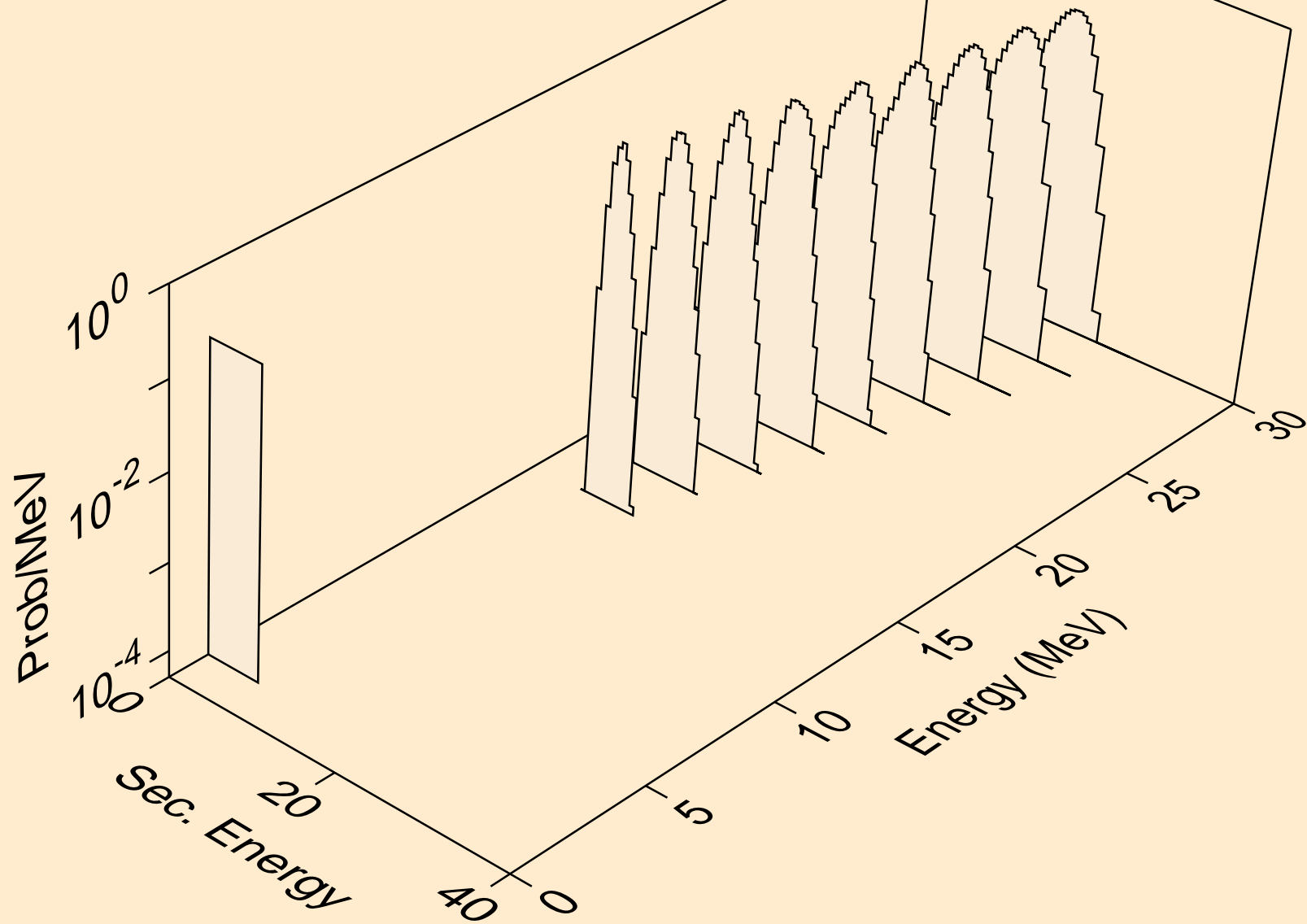




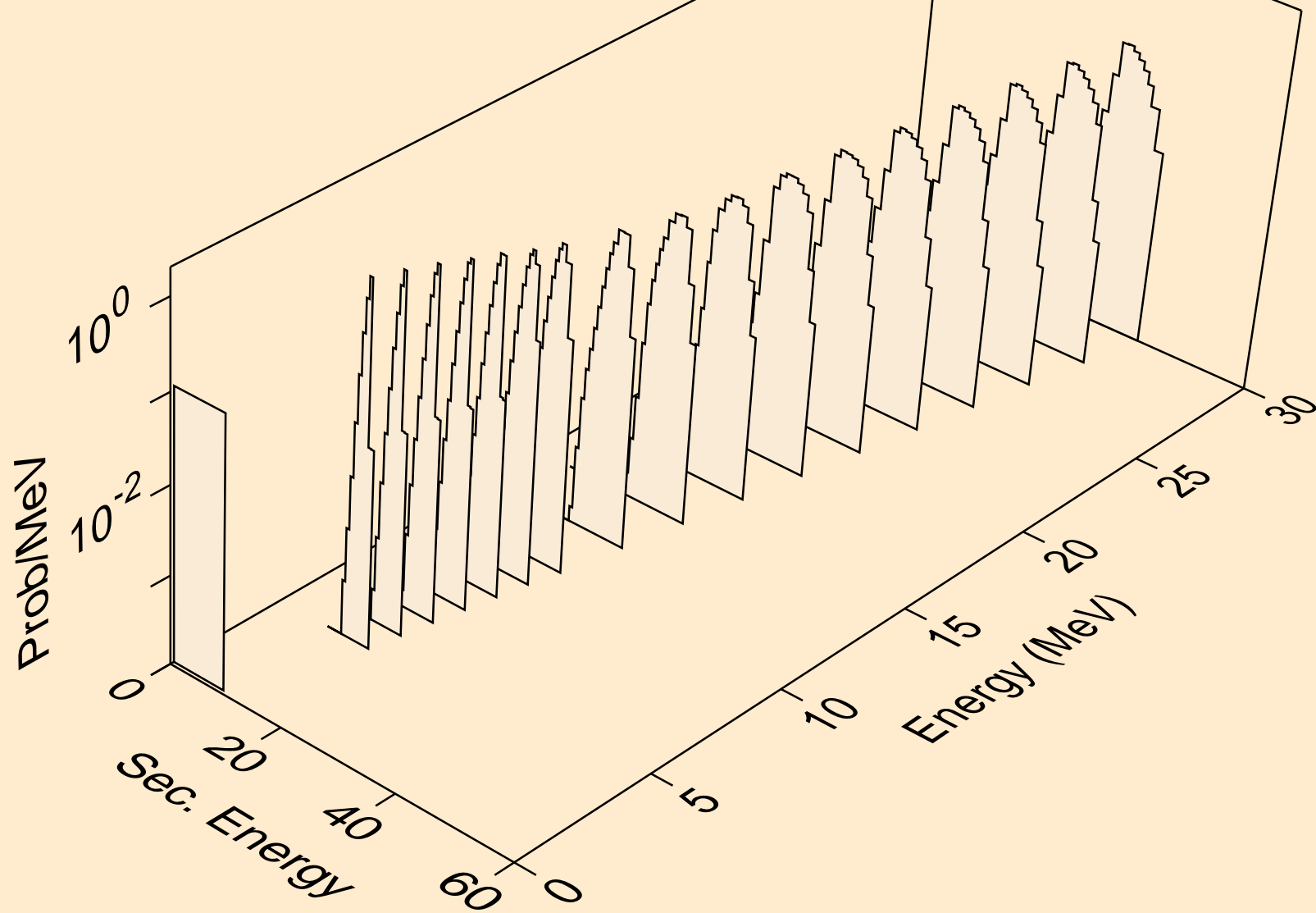
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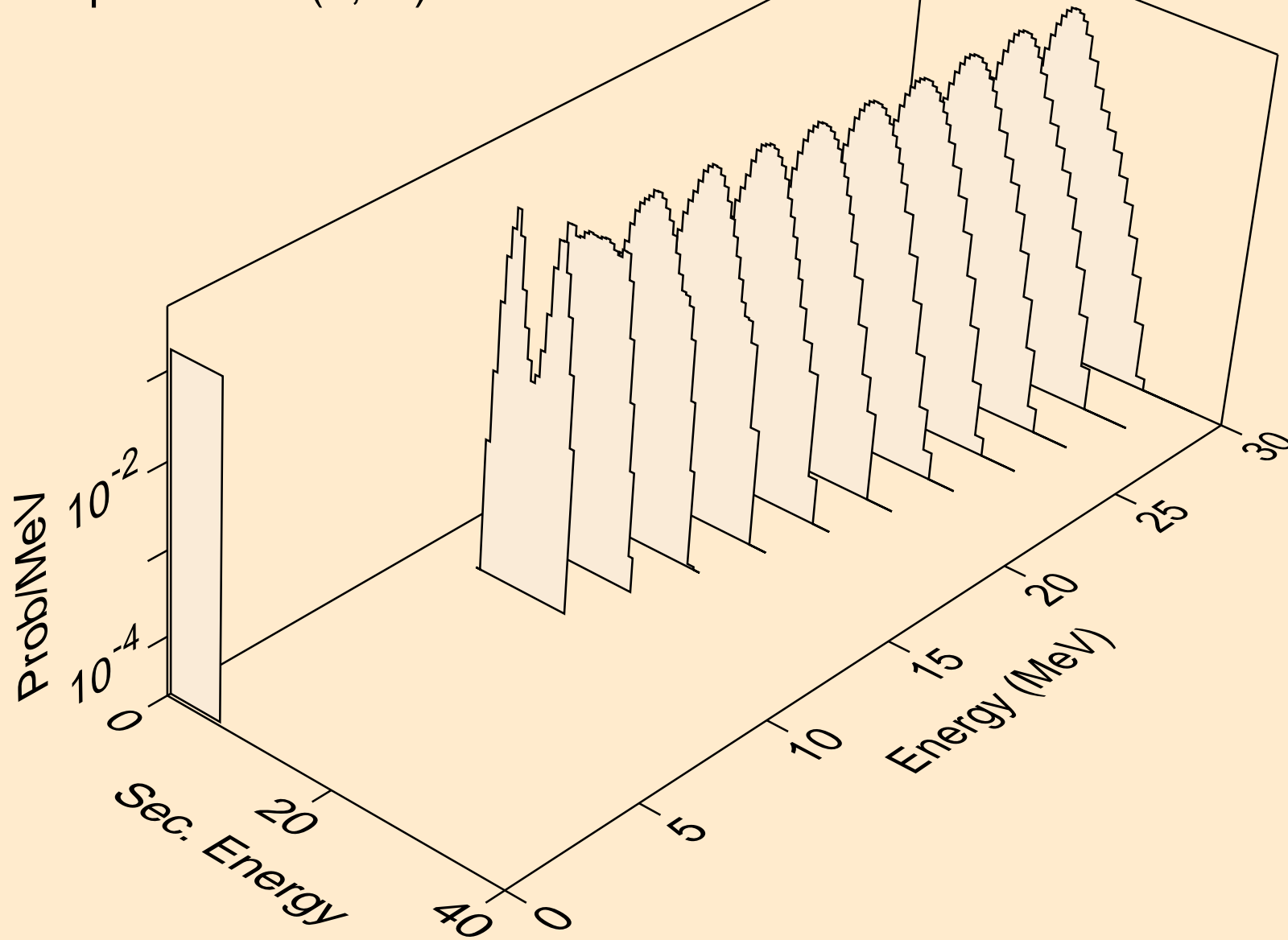
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alphas from (d,npa)



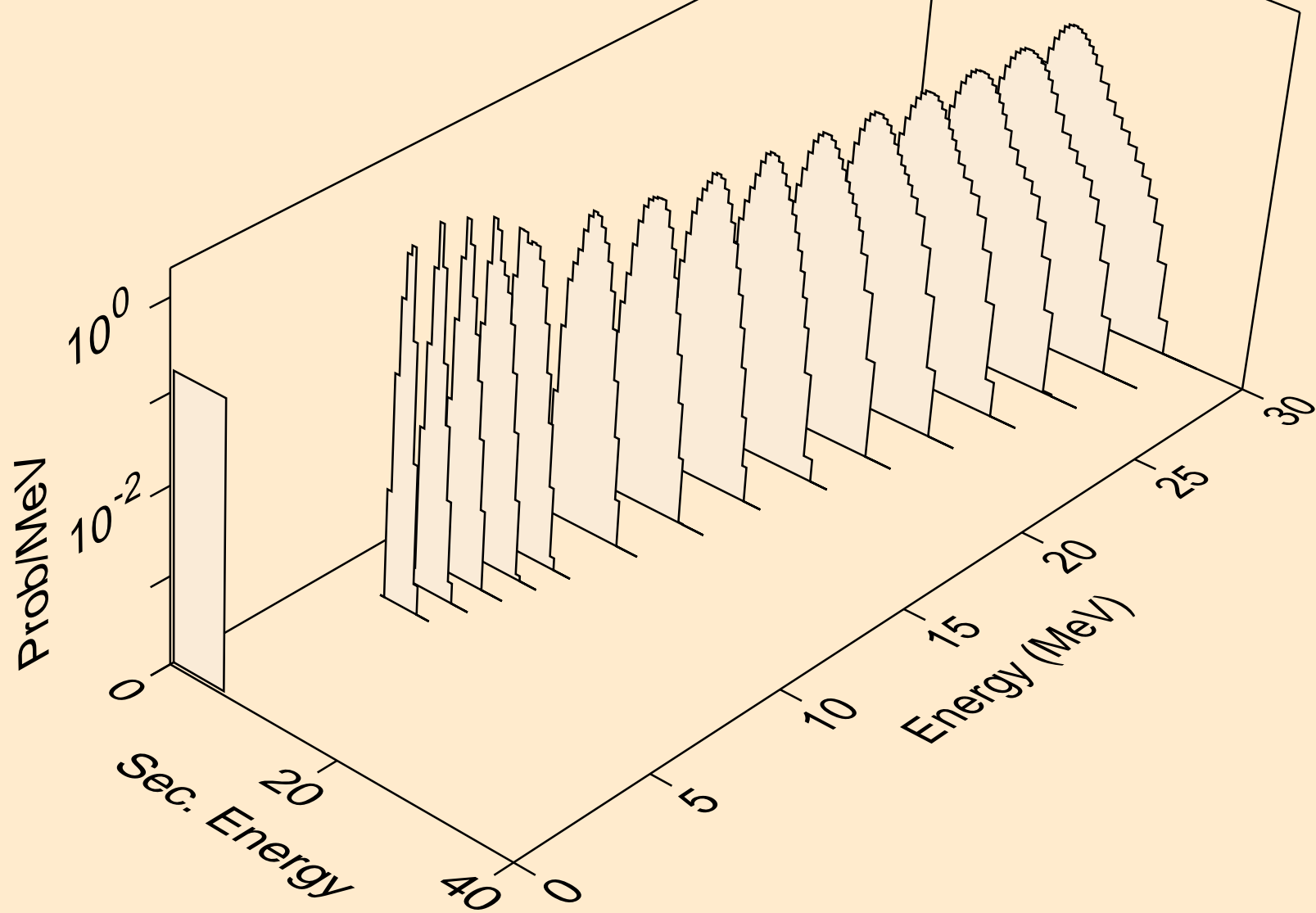
HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,a)



HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2a)



HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)



HG199 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

