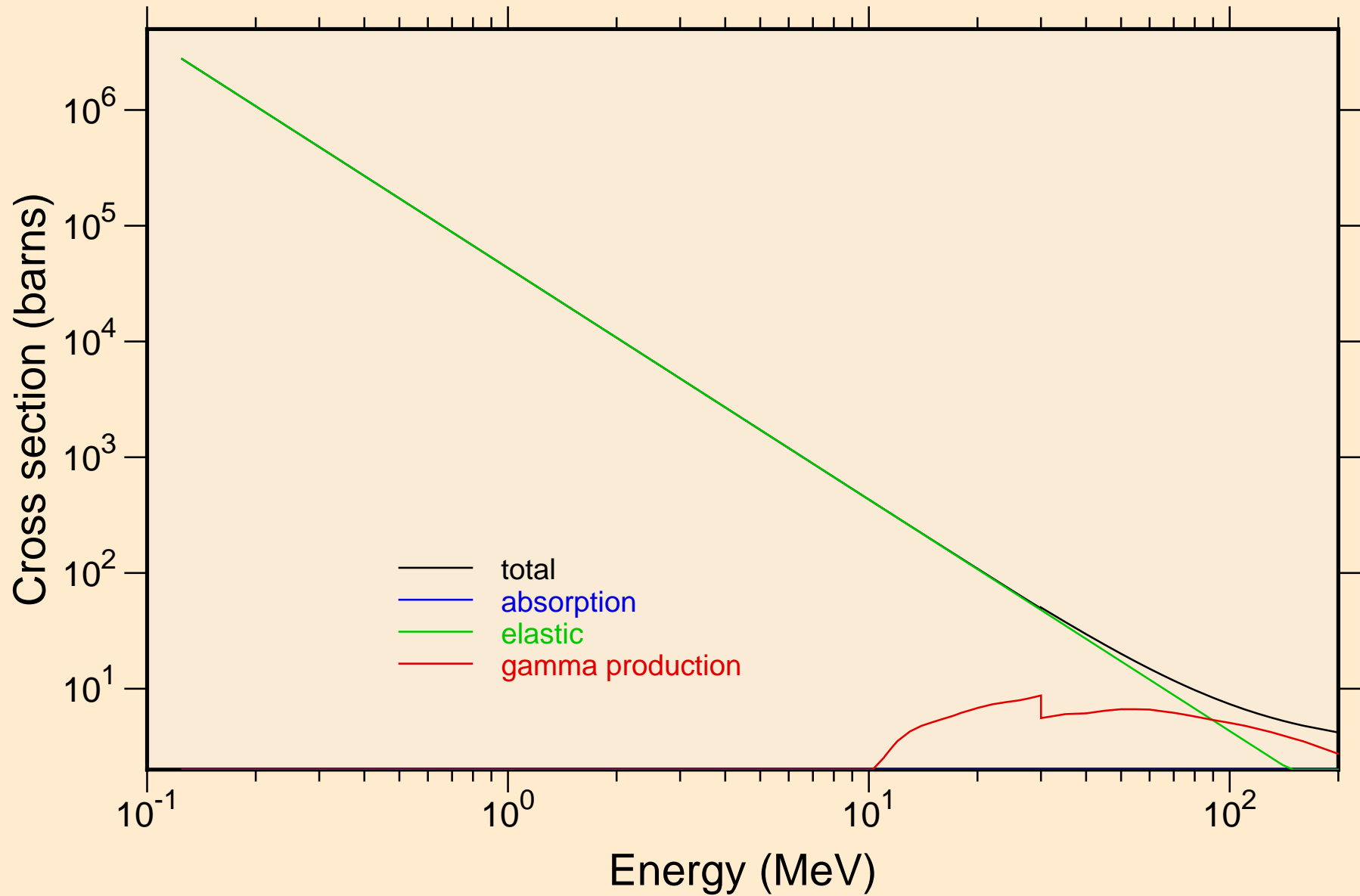
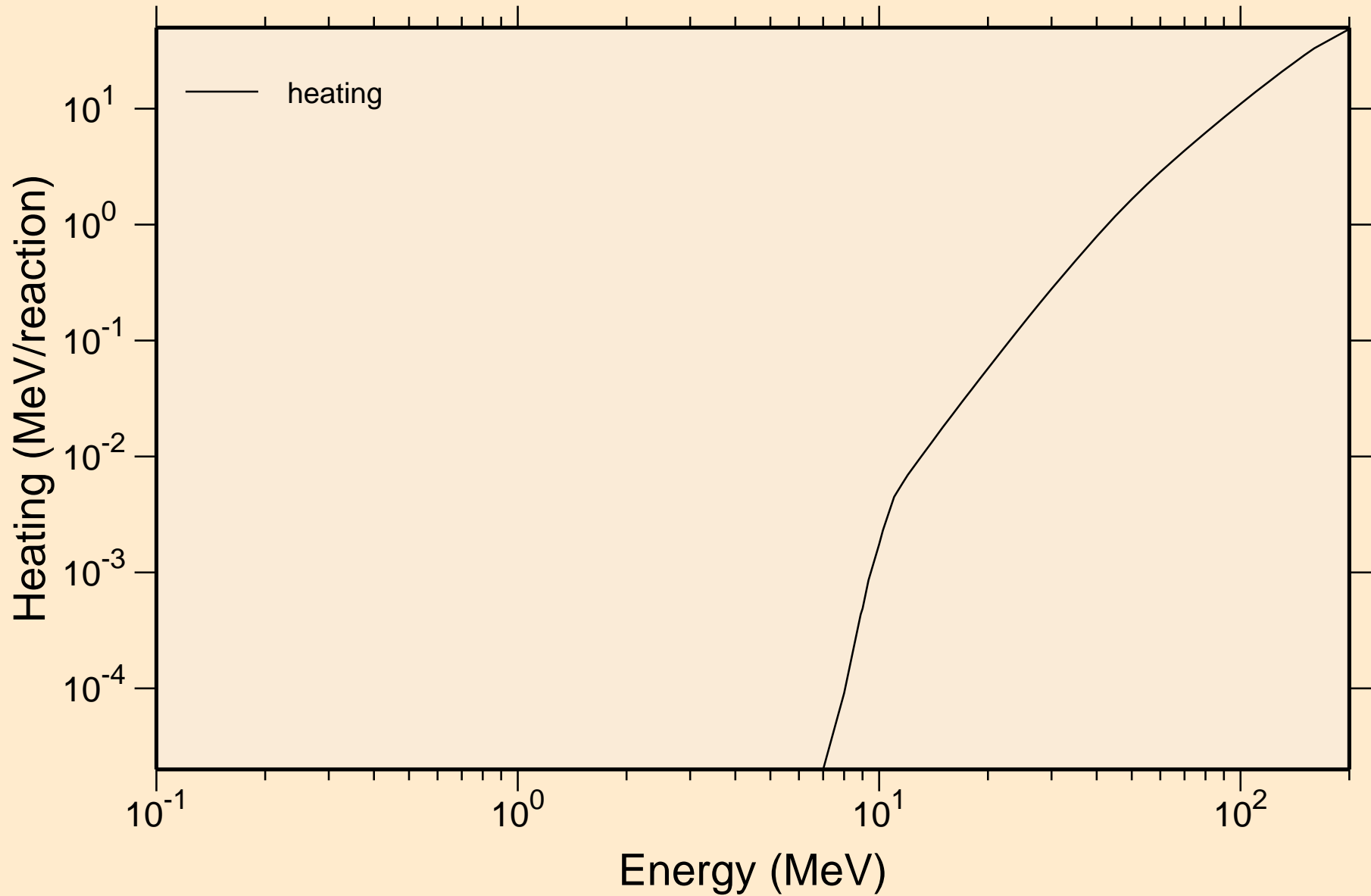


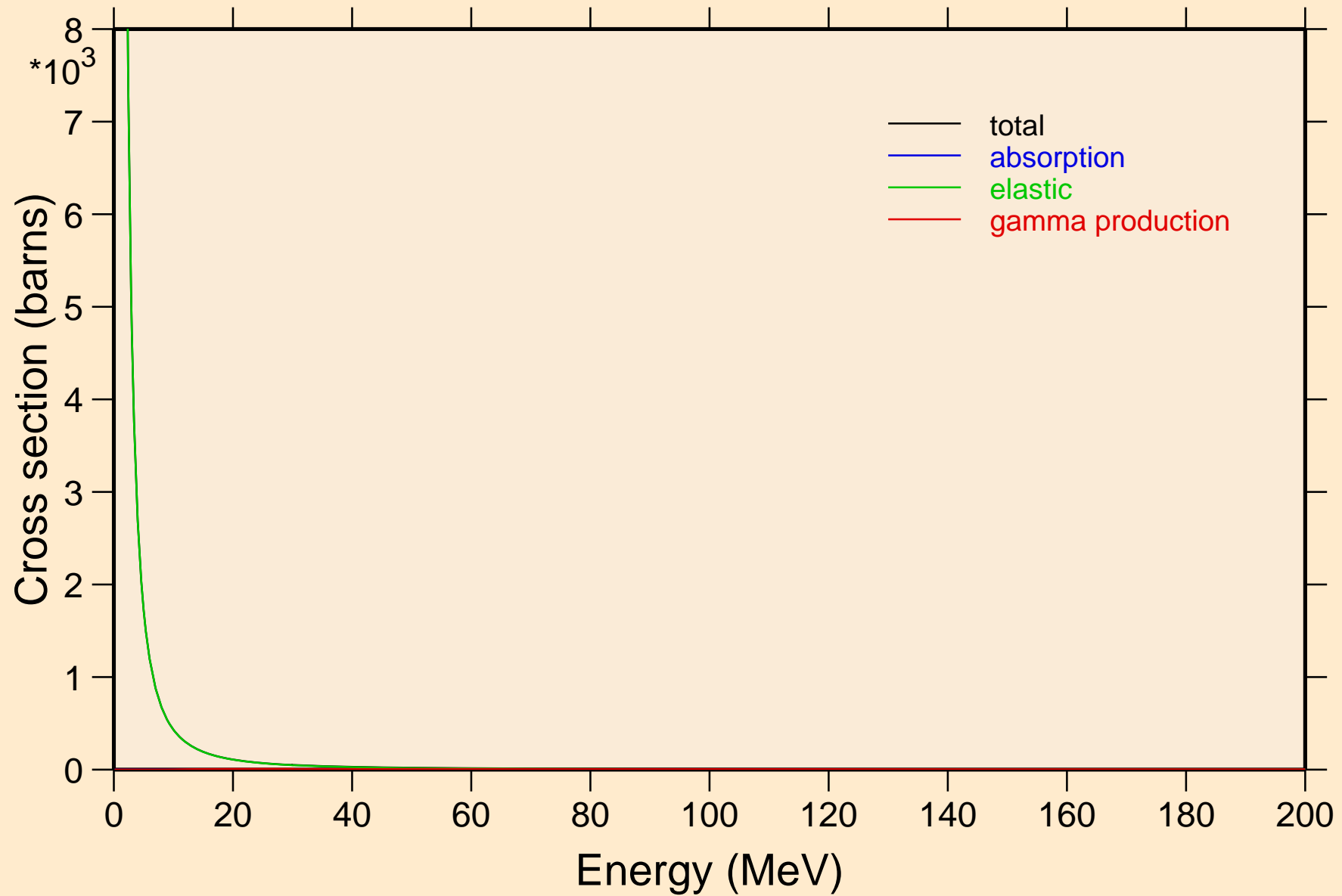
BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

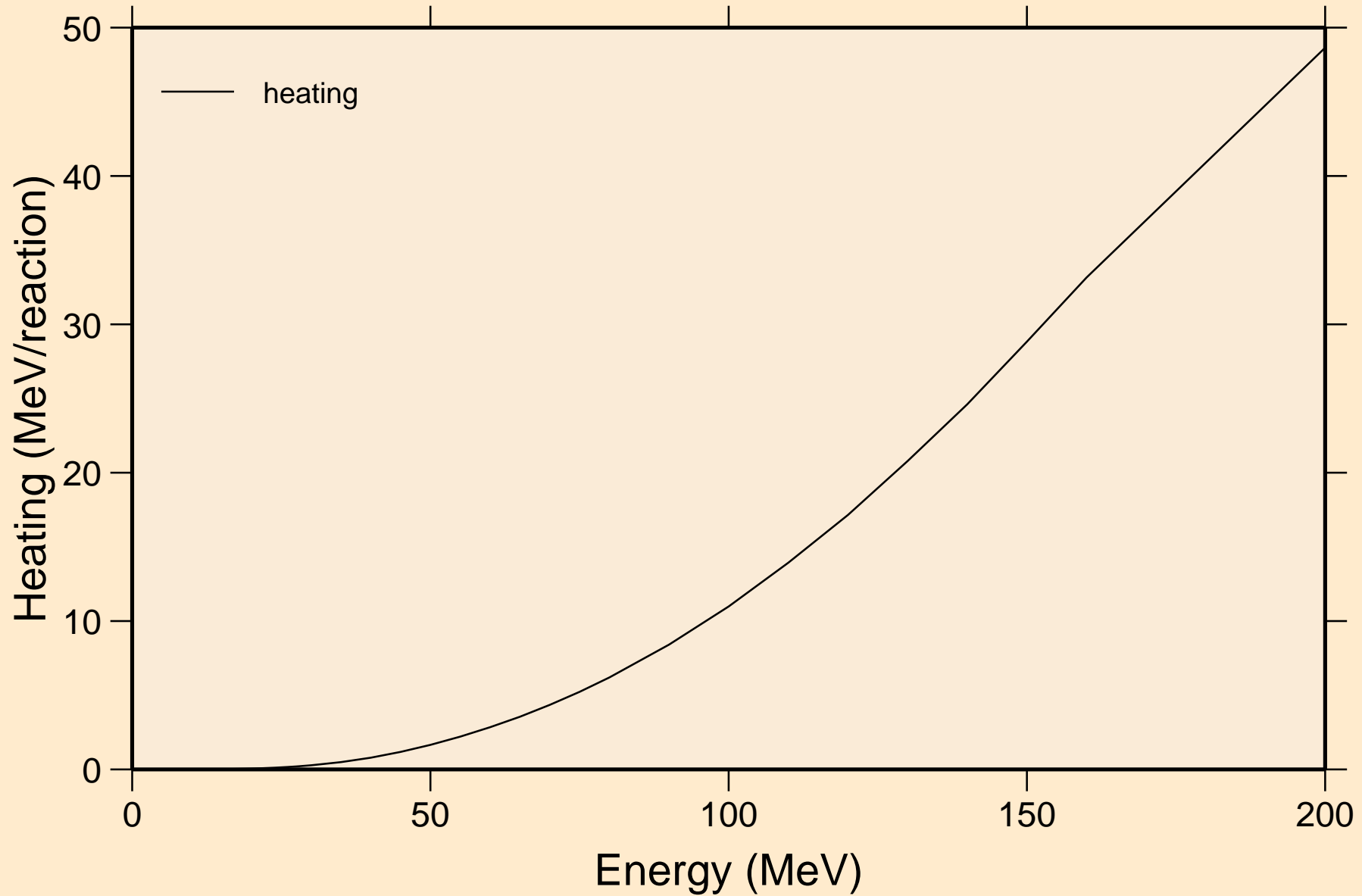


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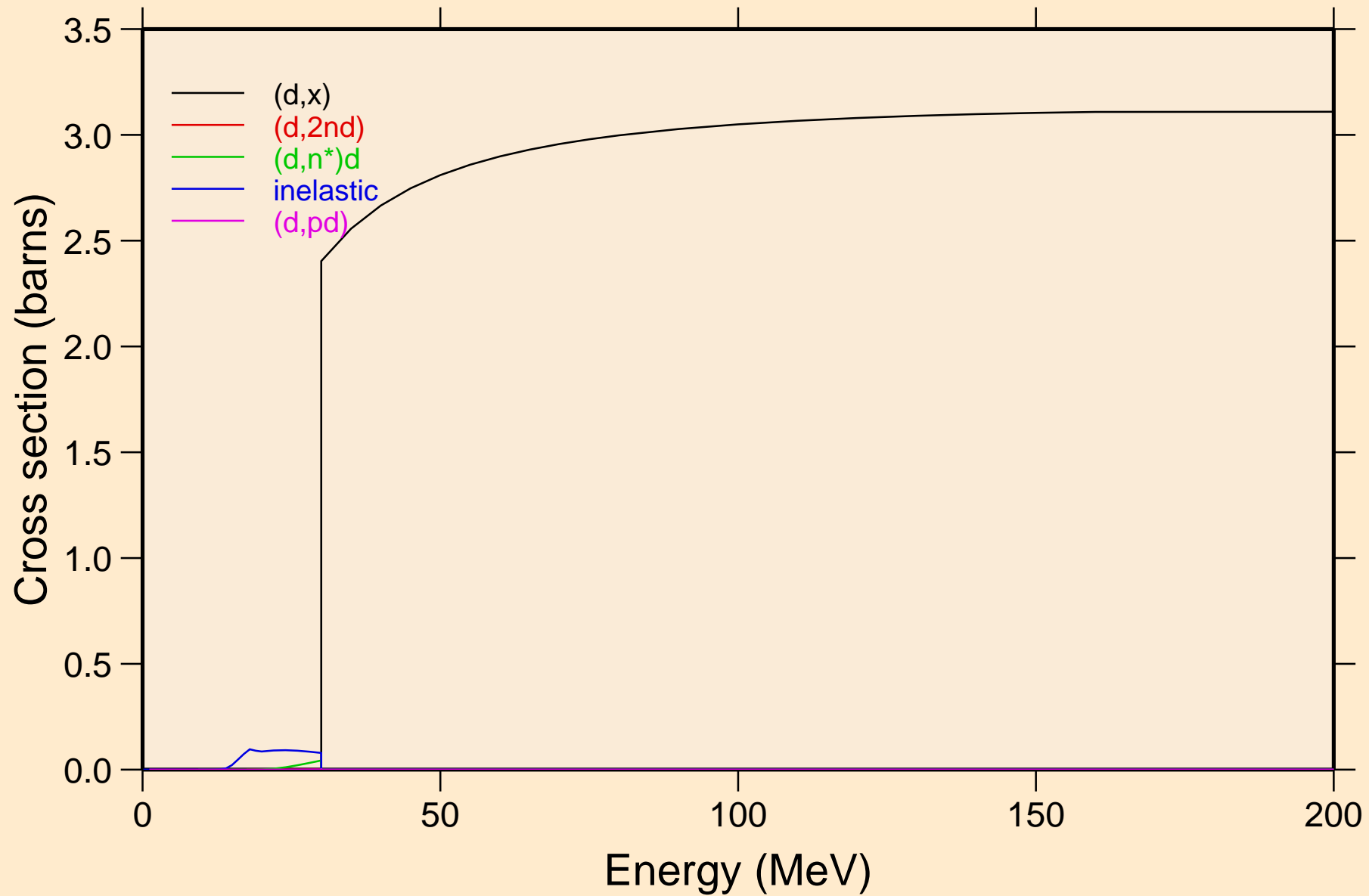


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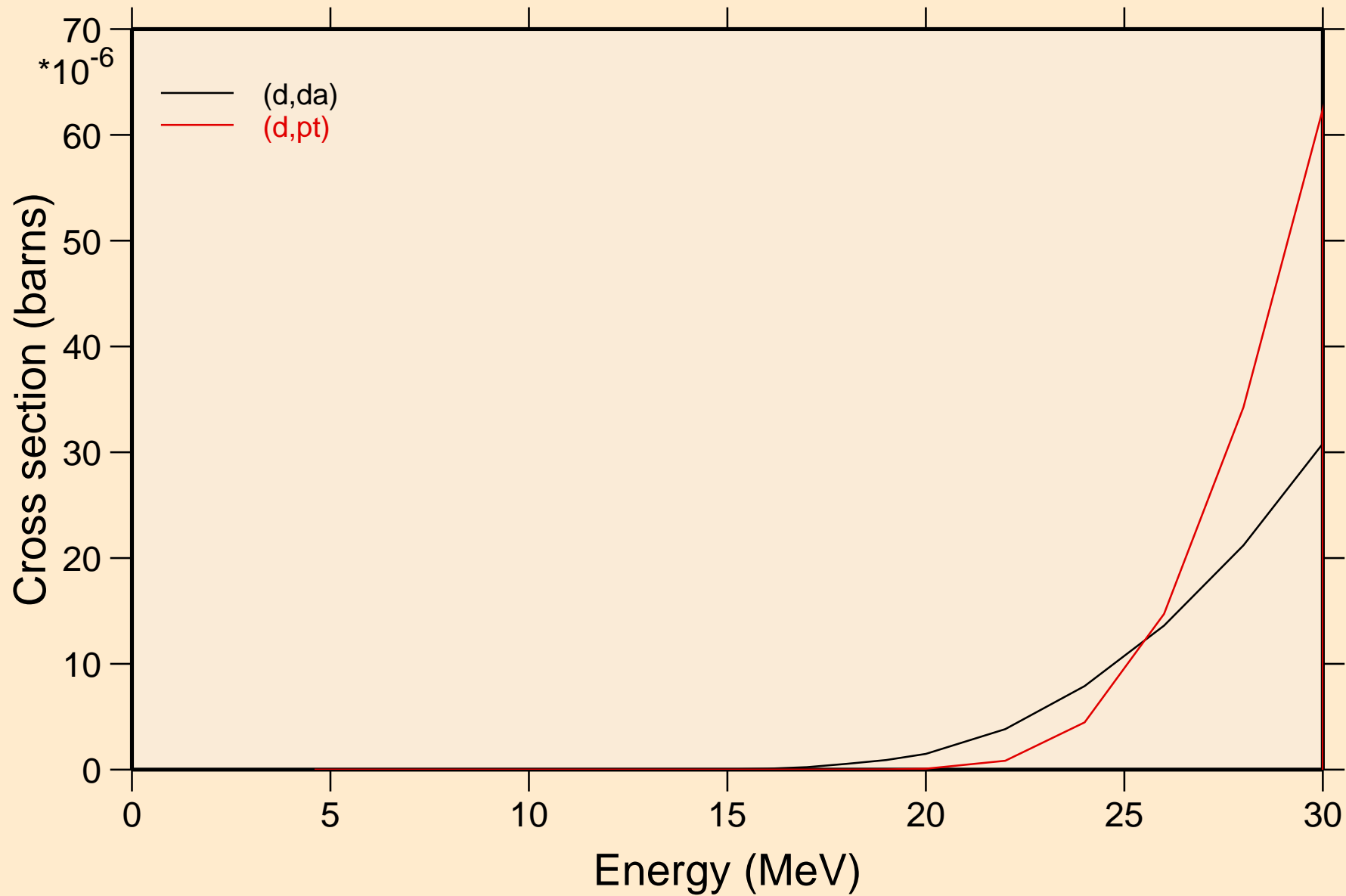
## Heating



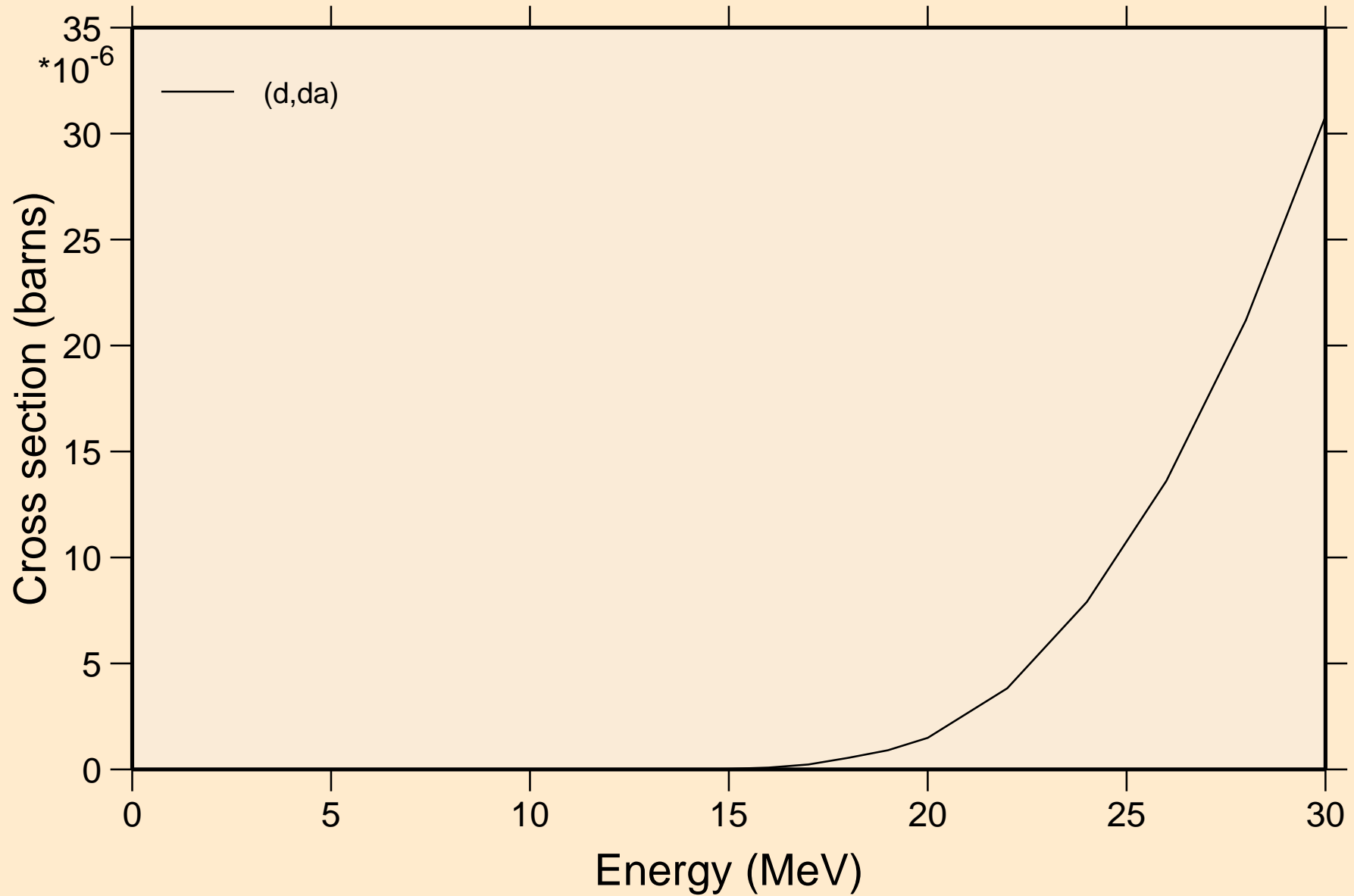
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Threshold reactions



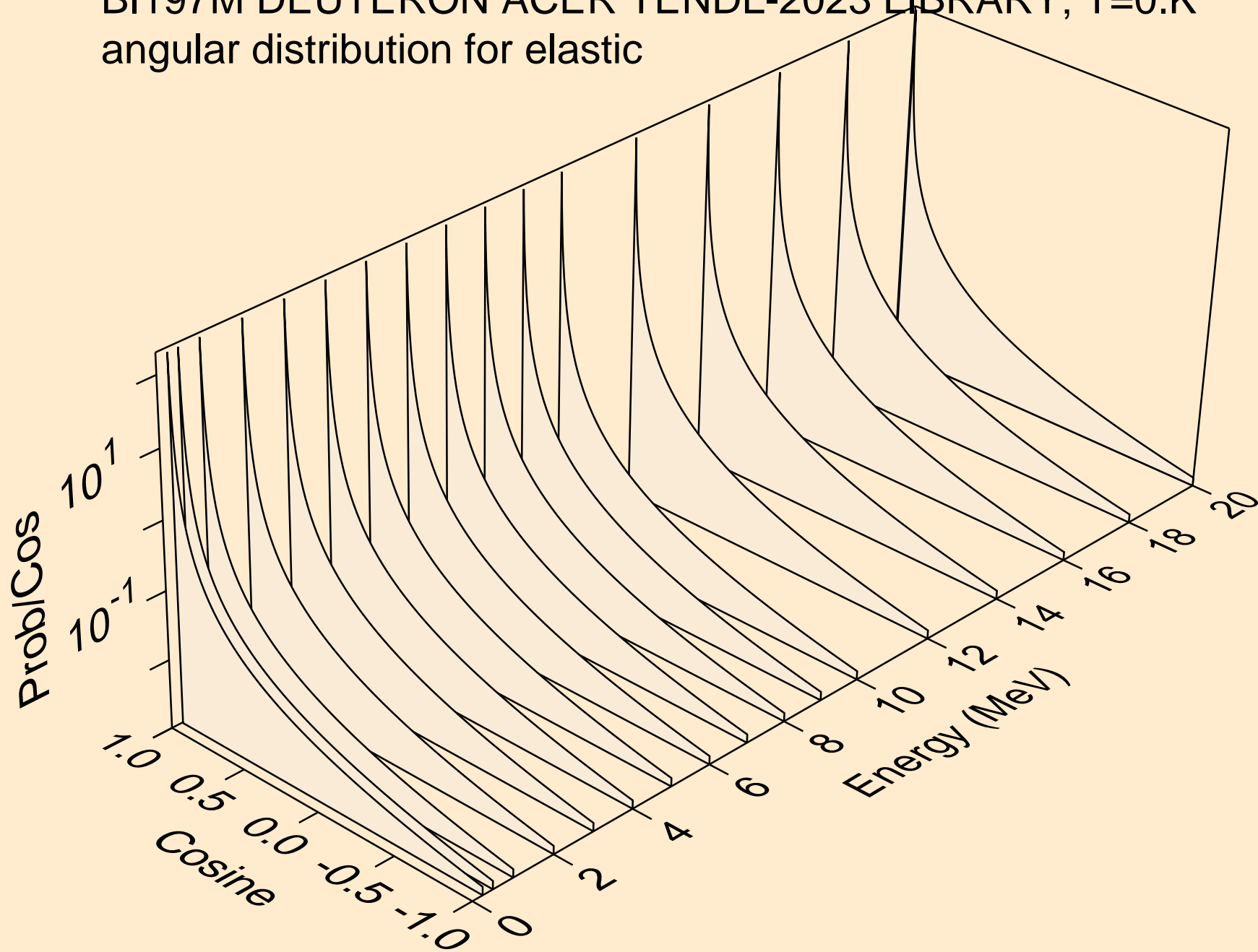
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Threshold reactions



BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

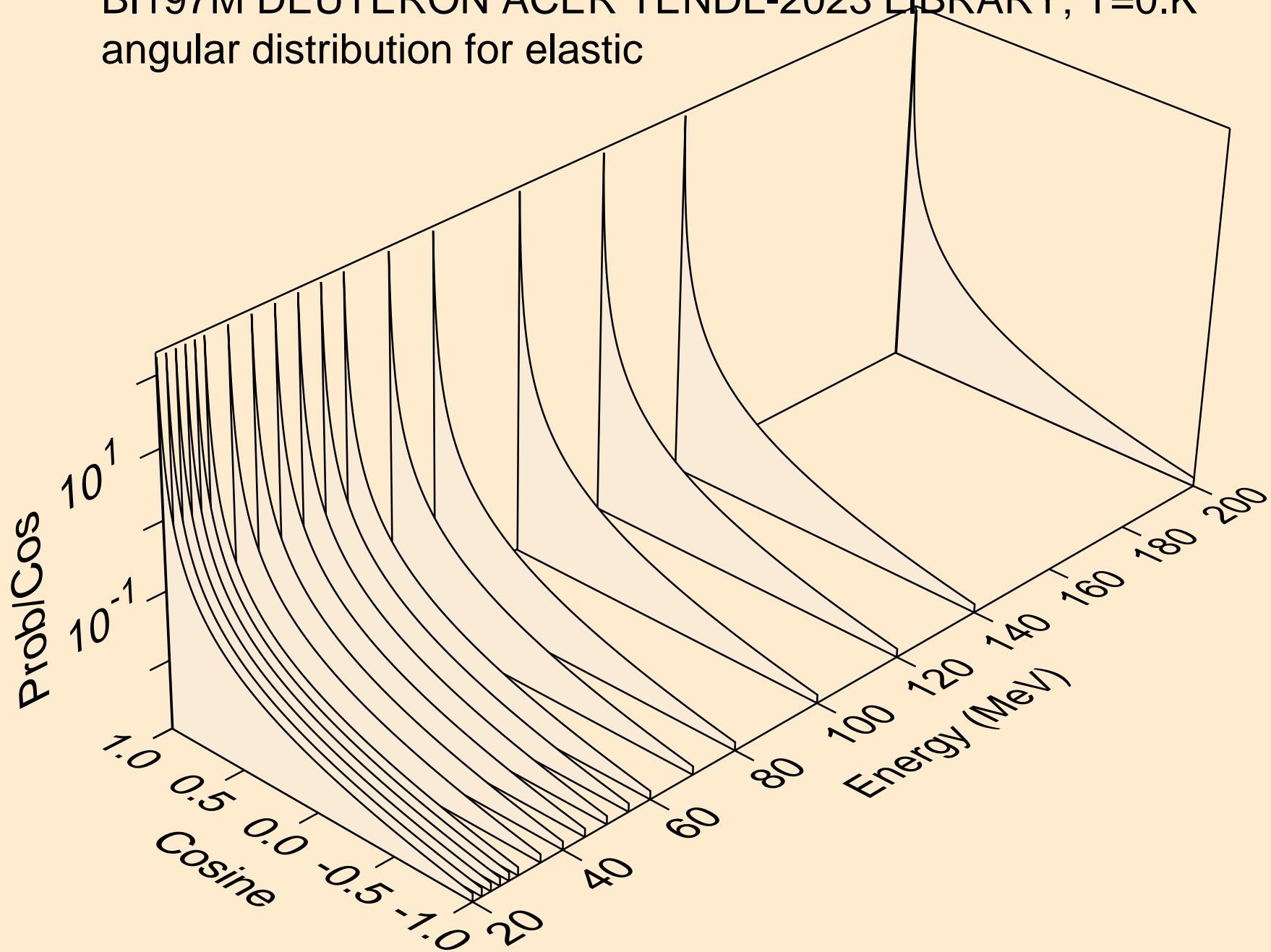


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angular distribution for elastic

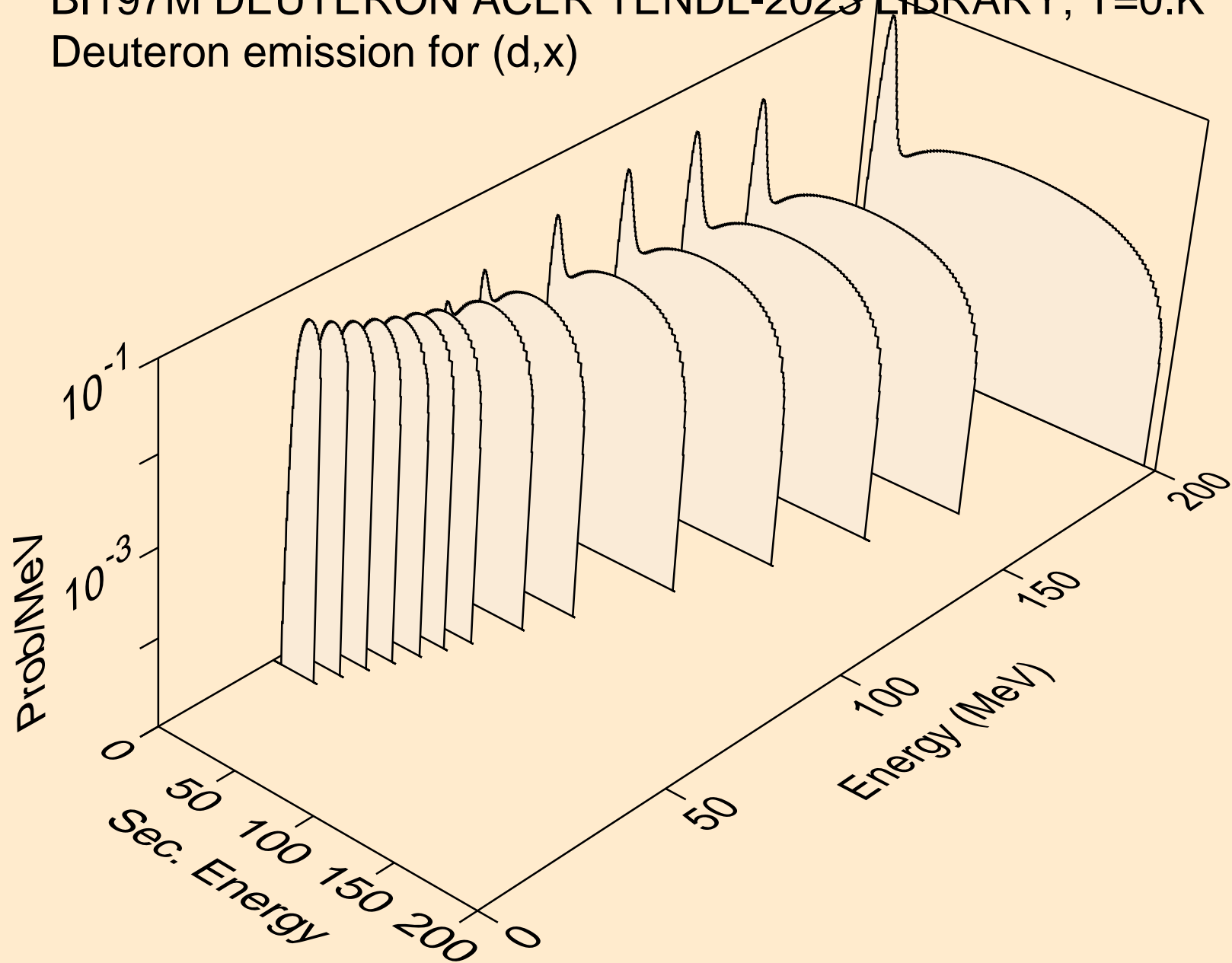




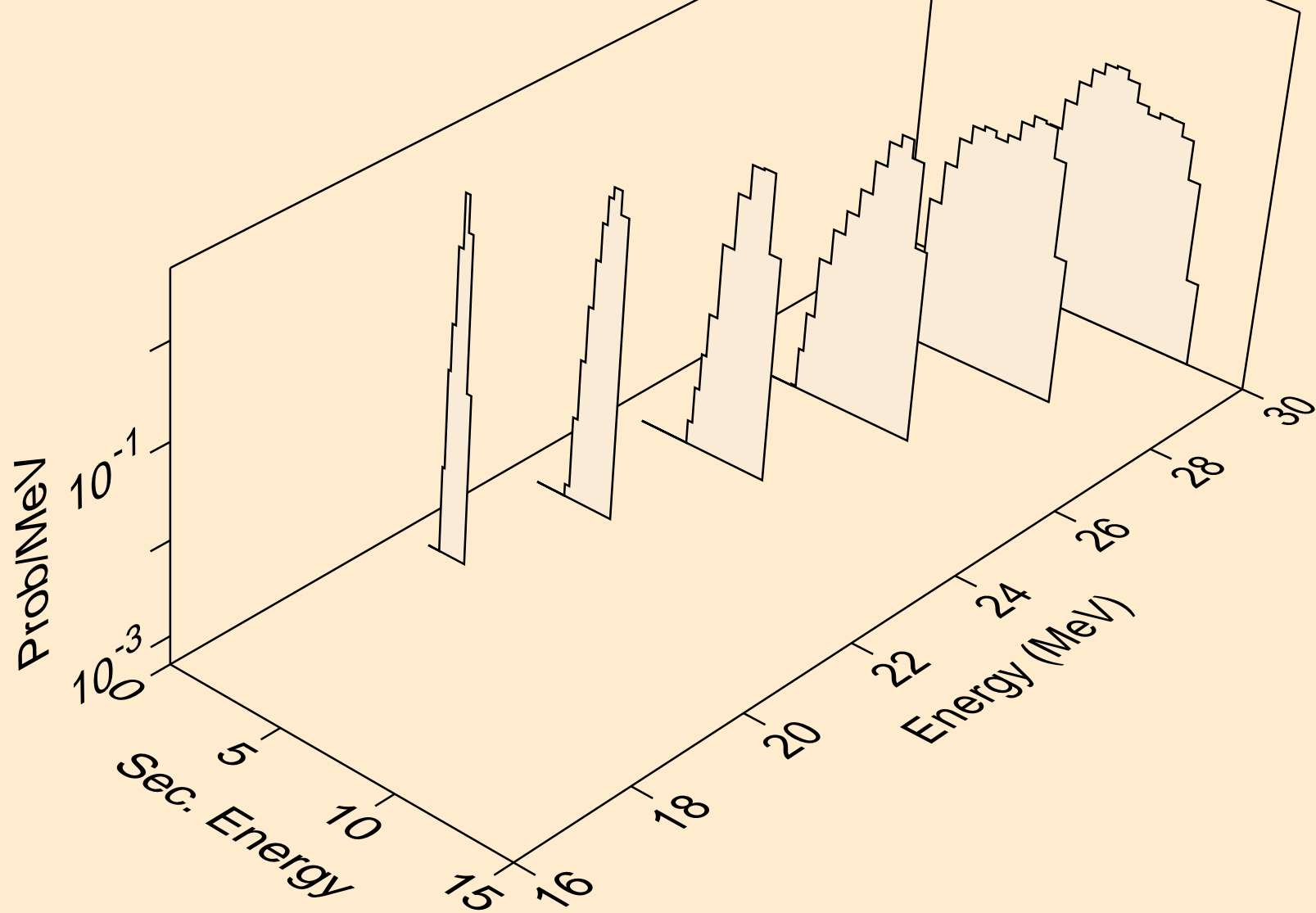
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angular distribution for elastic



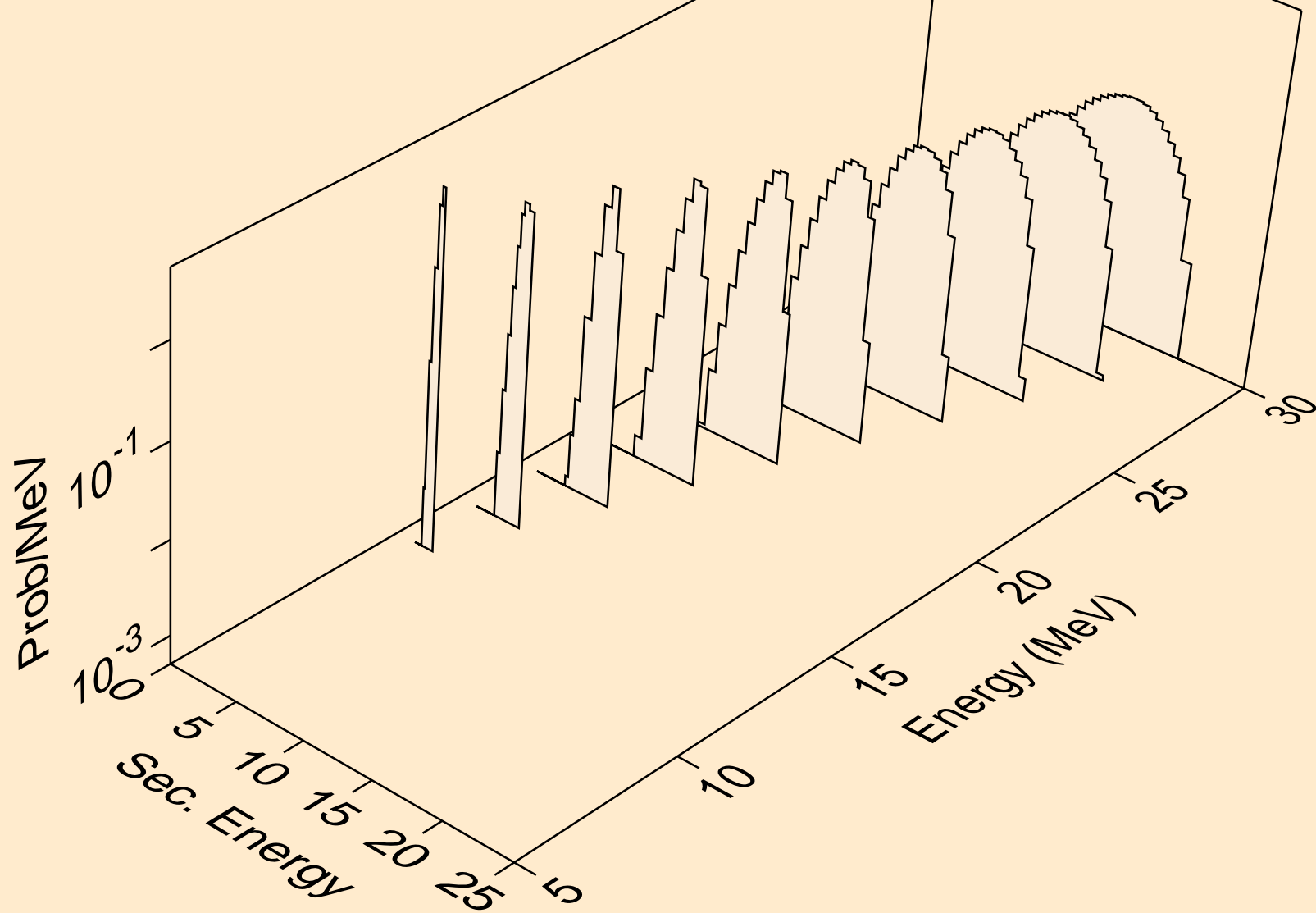
BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,x)



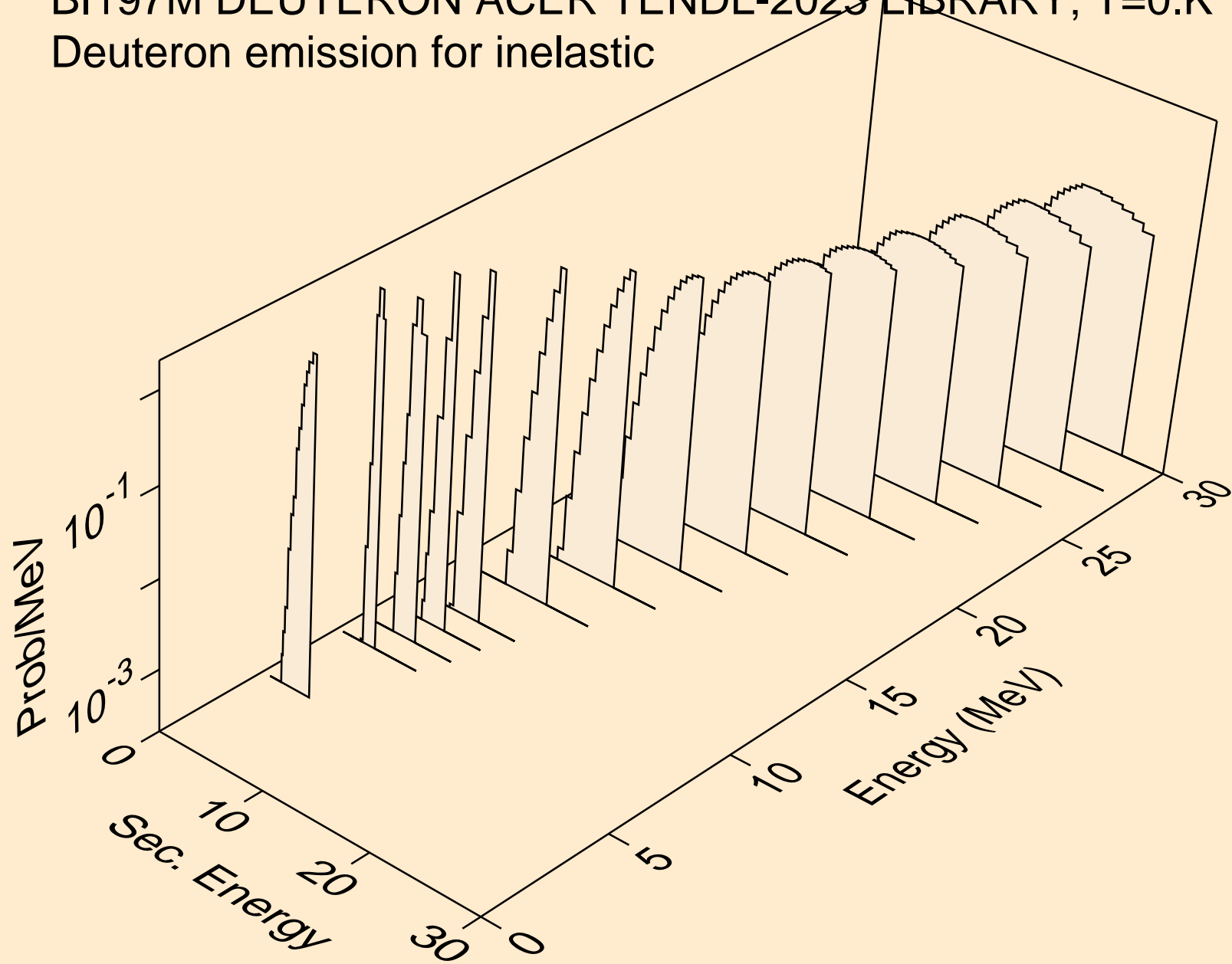
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Deuteron emission for (d,2nd)



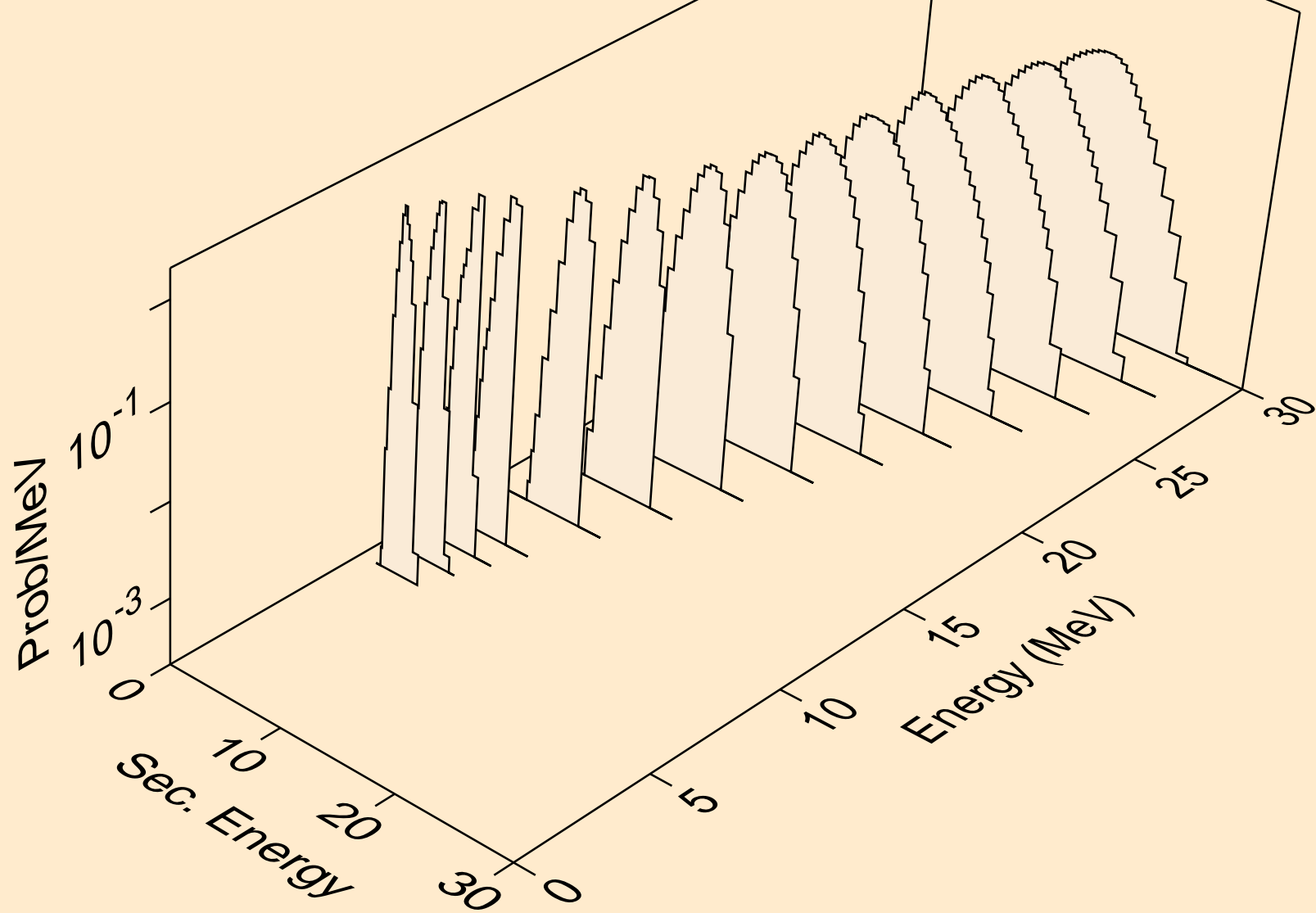
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Deuteron emission for (d,n\*)d



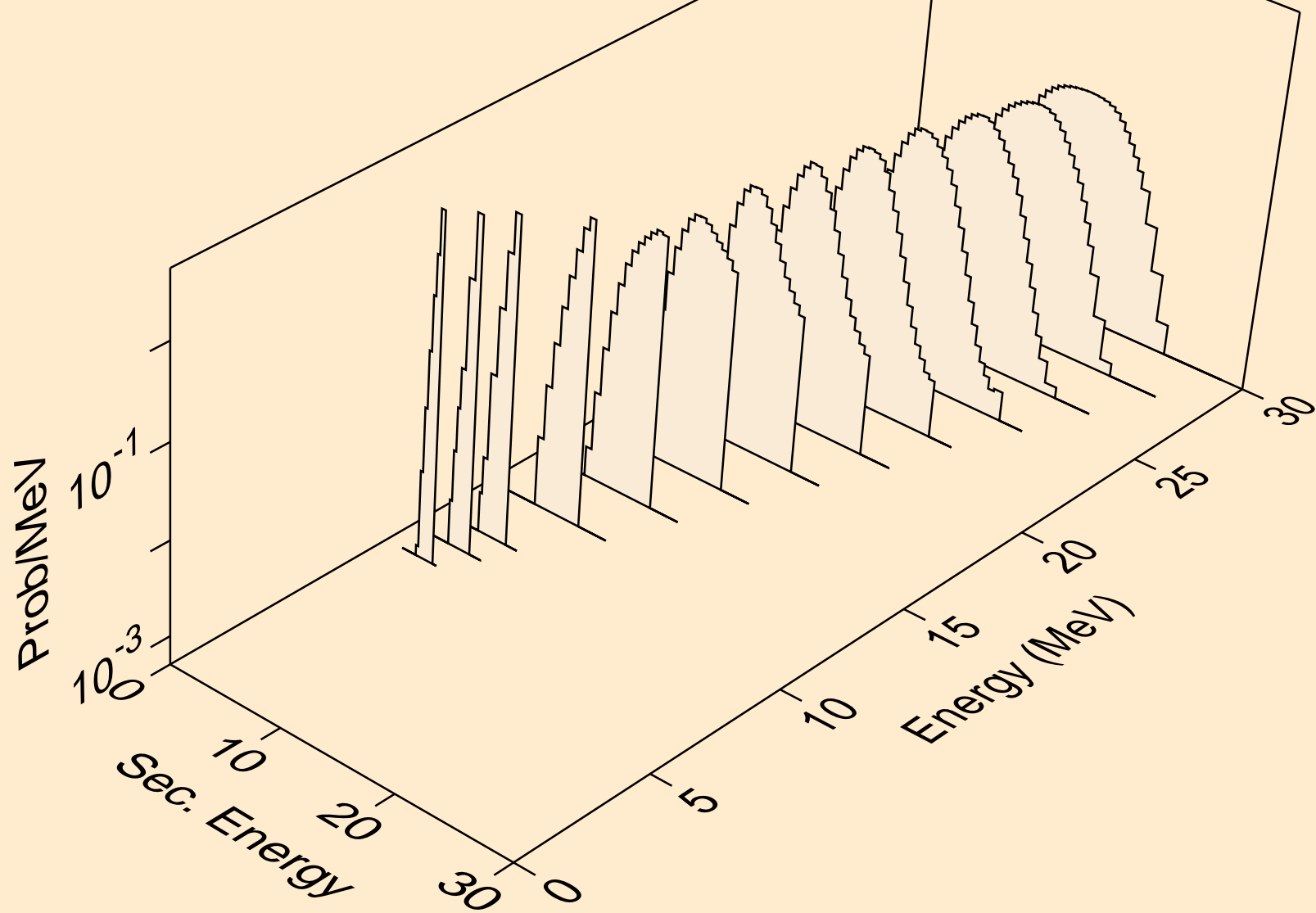
BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



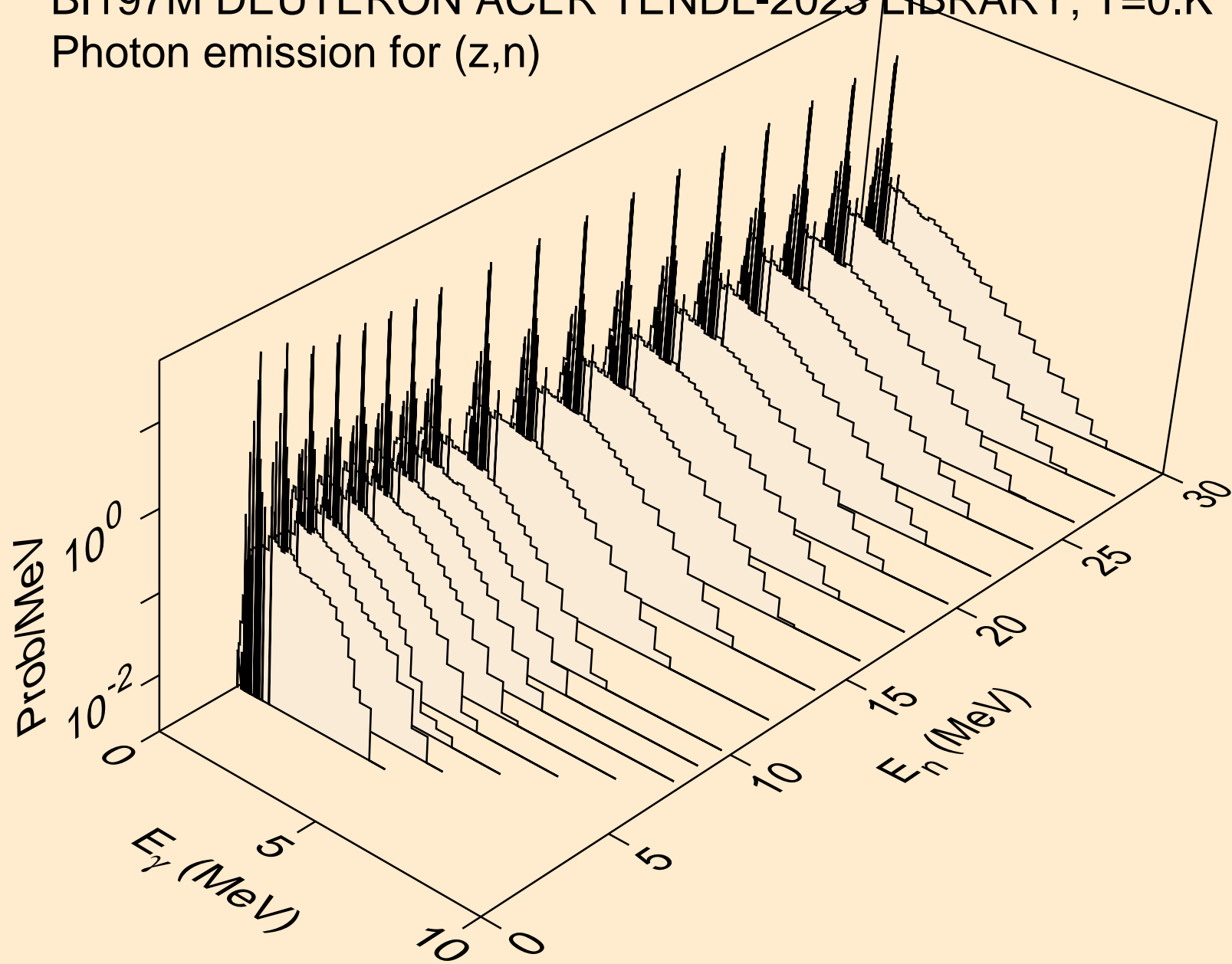
BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)



BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,da)

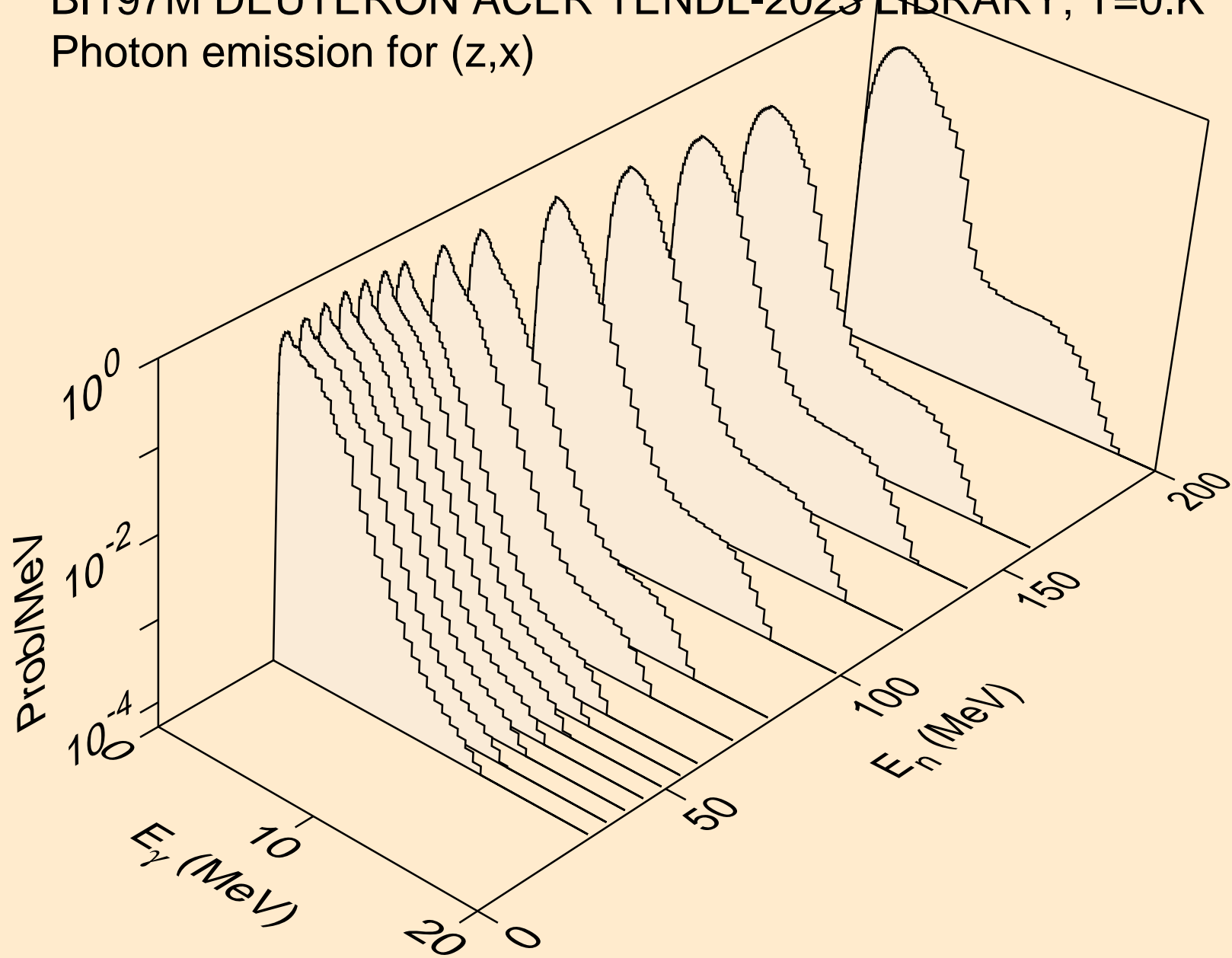


BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

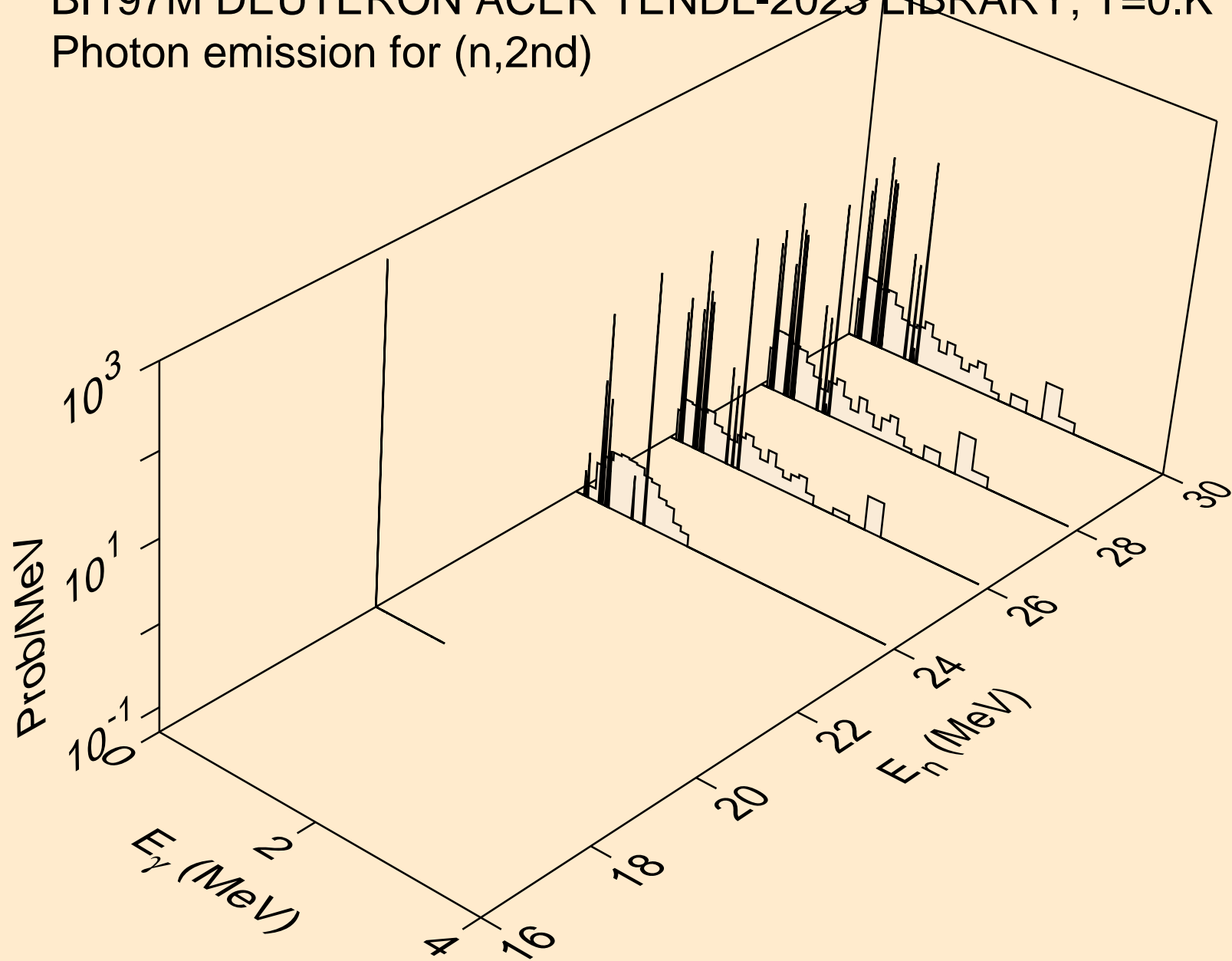




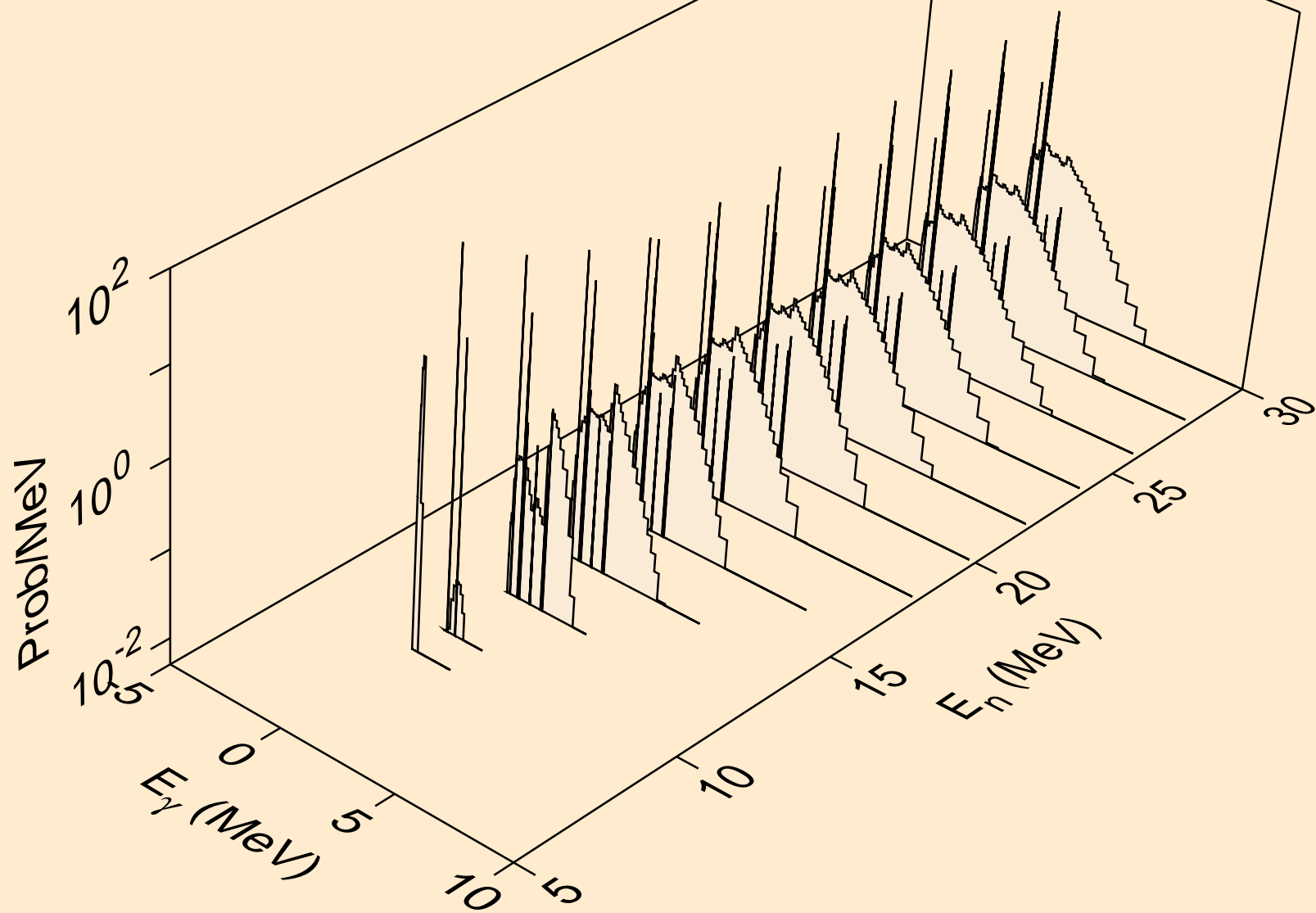
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Photon emission for (z,x)



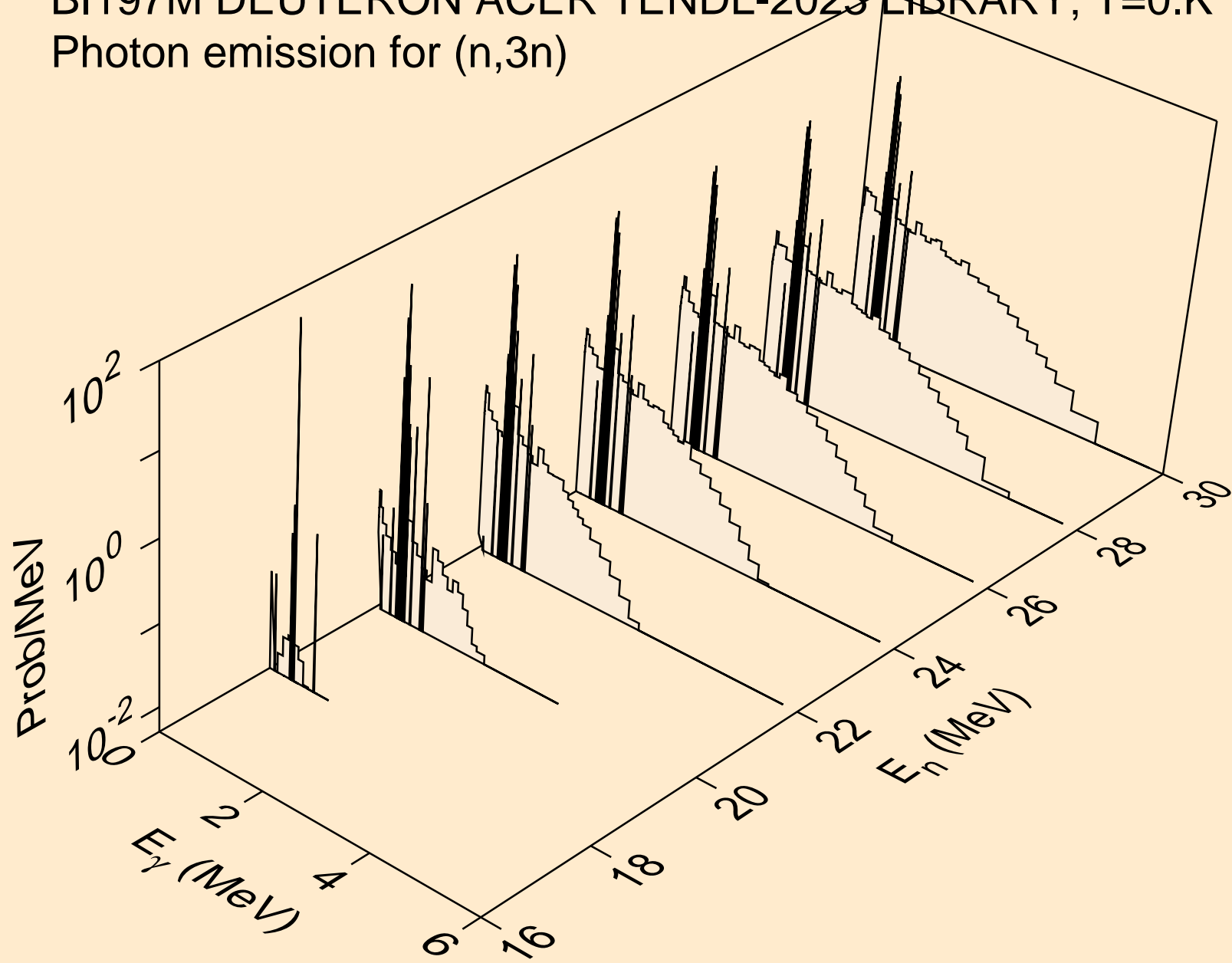
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Photon emission for (n,2nd)



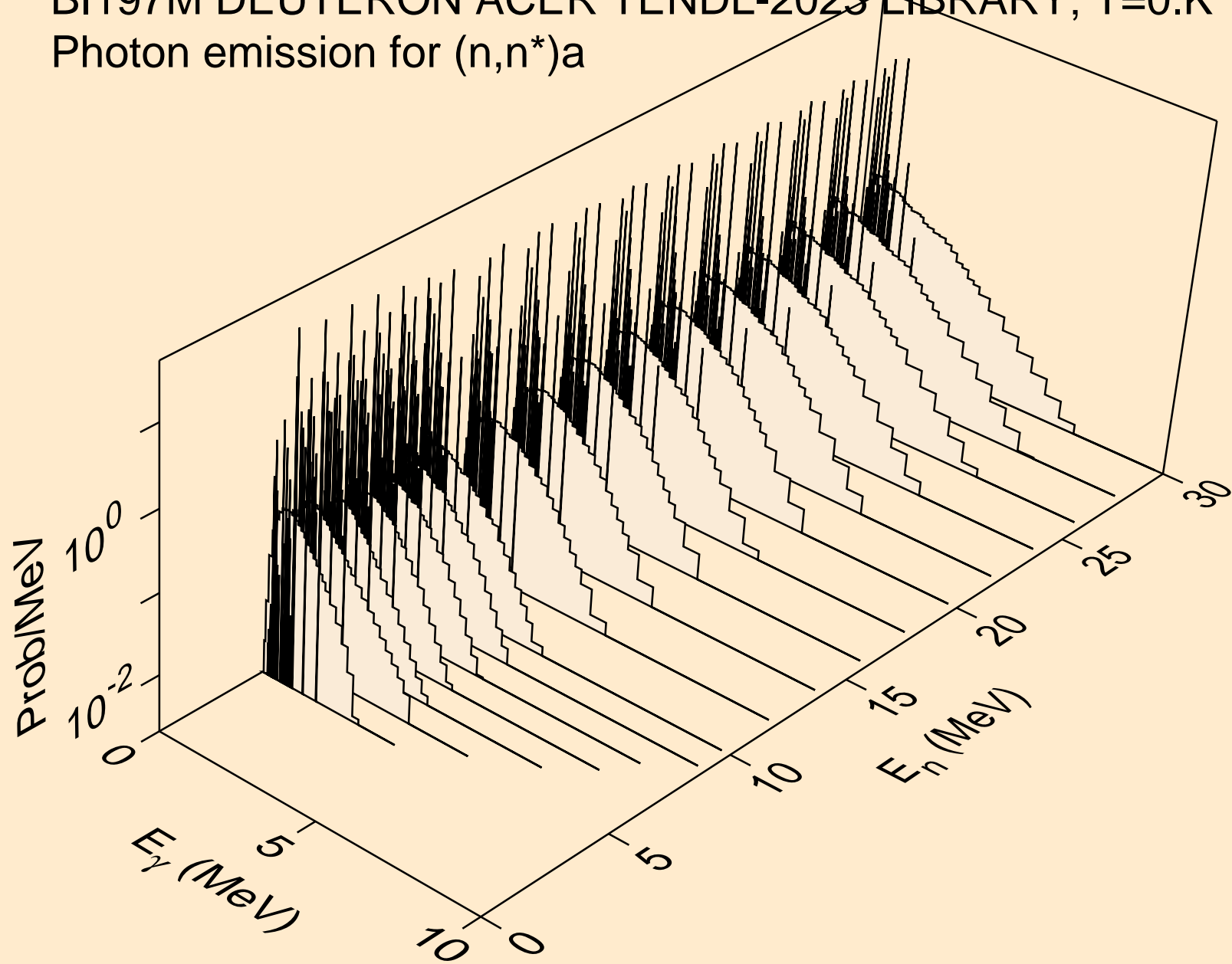
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Photon emission for (n,2n)



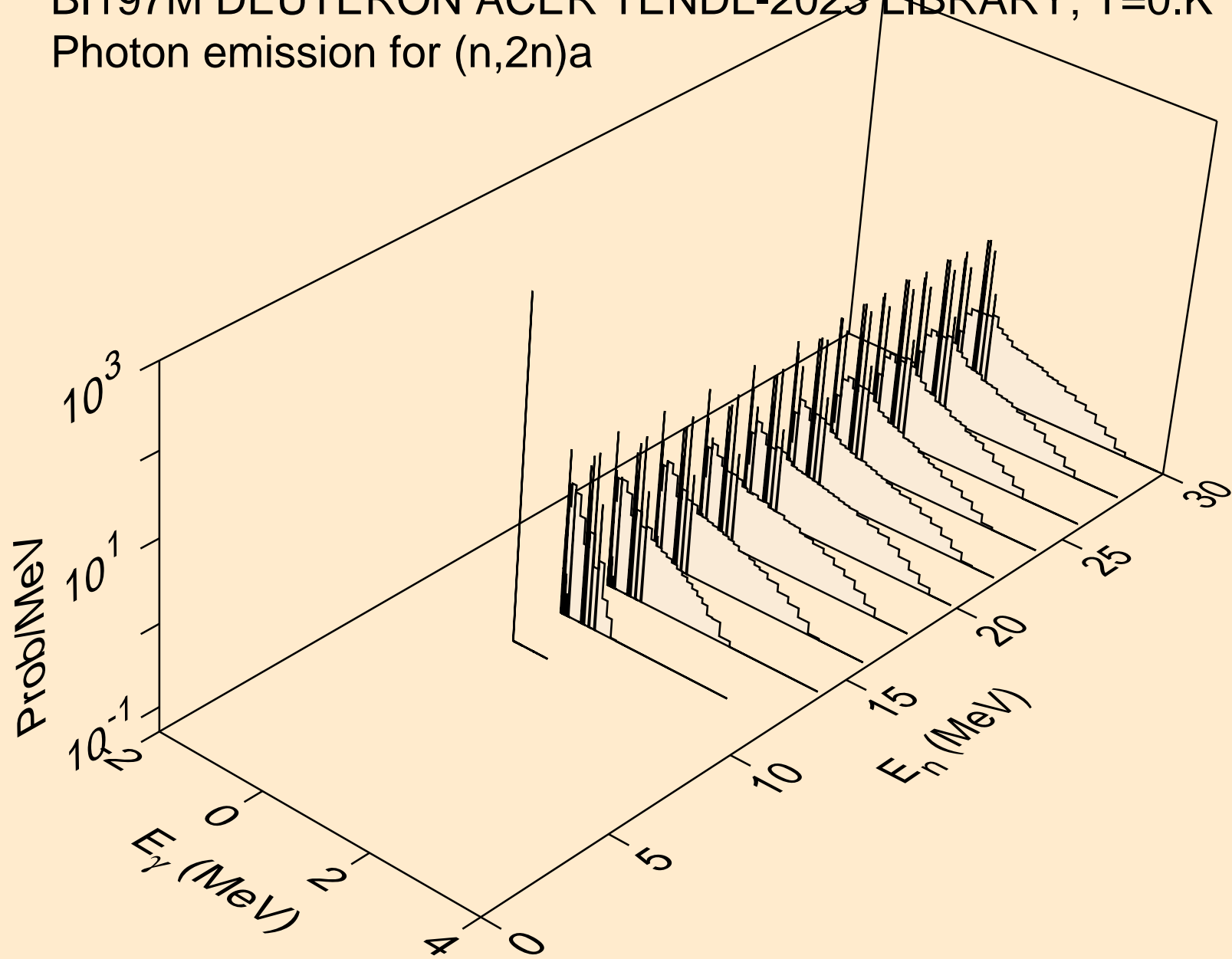
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Photon emission for (n,3n)



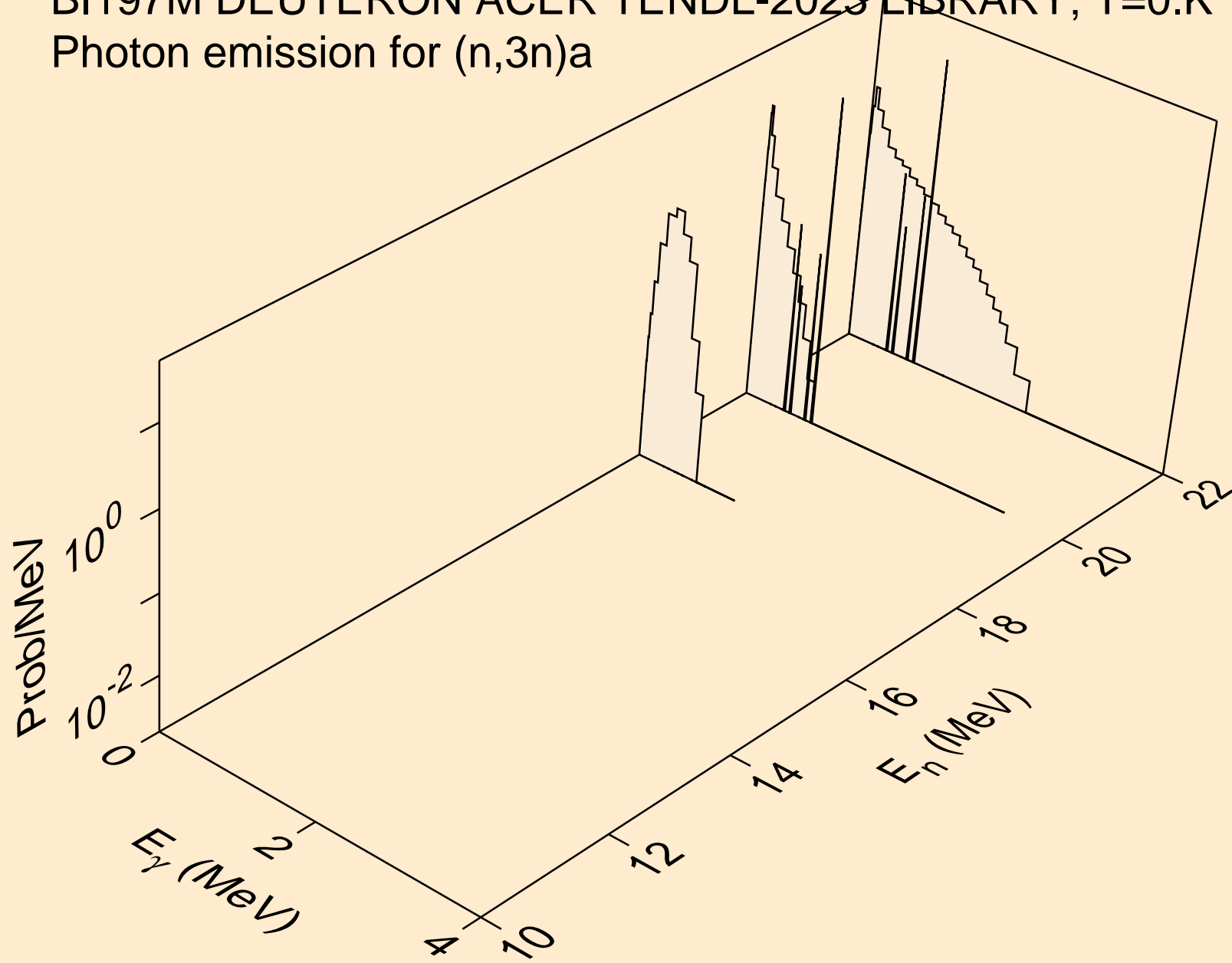
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Photon emission for (n,n\*)a



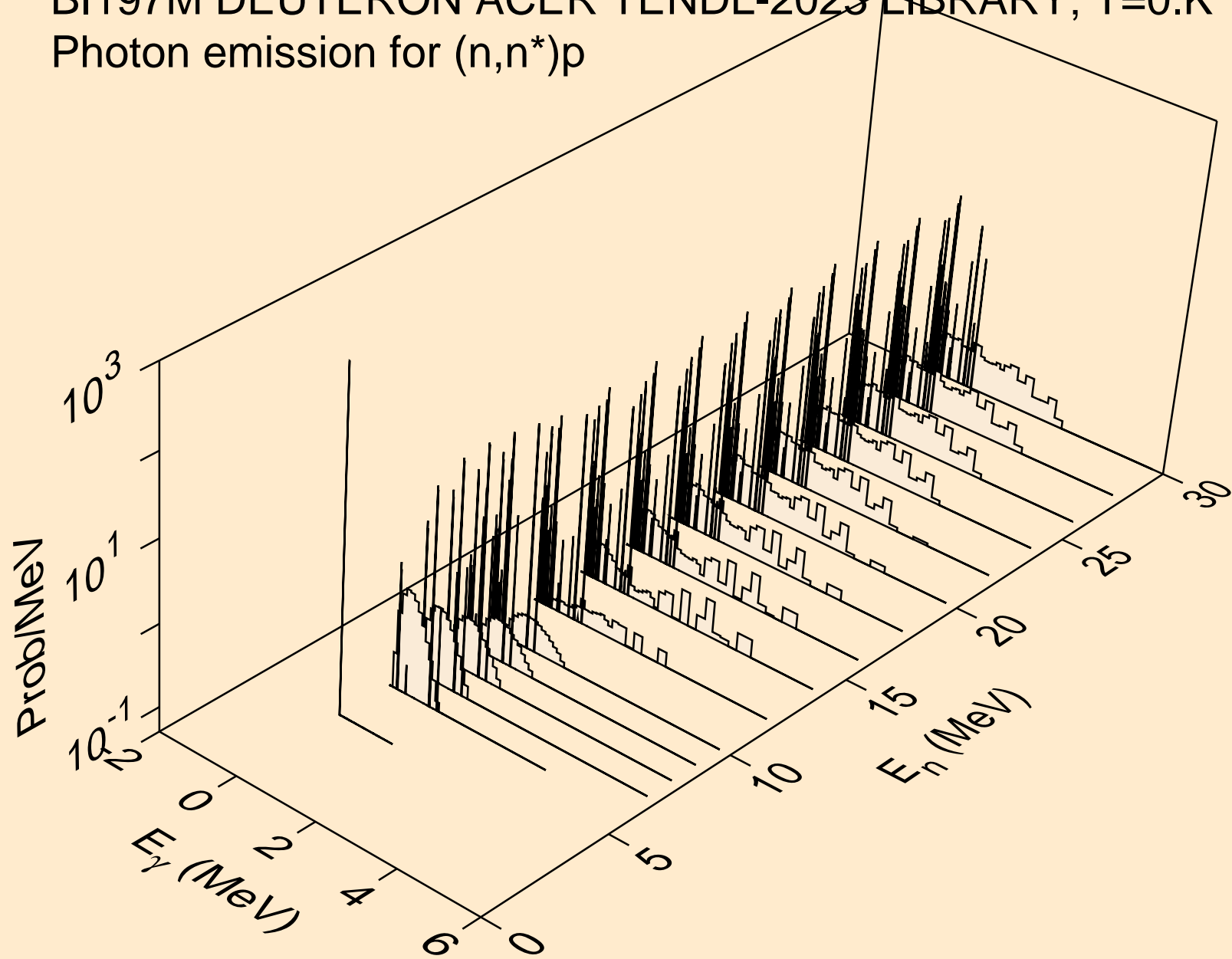
BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$



BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

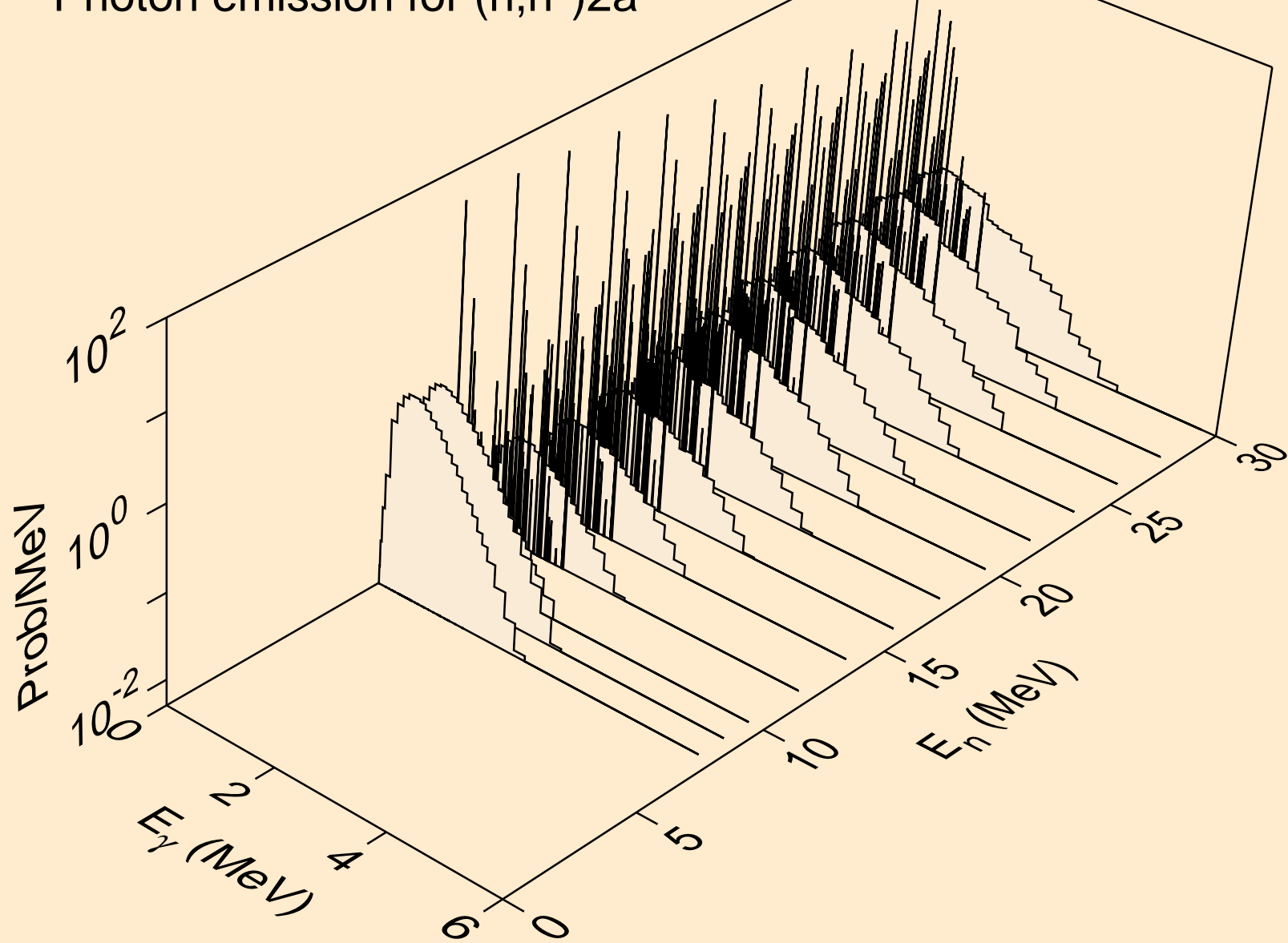


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Photon emission for (n,n\*)p

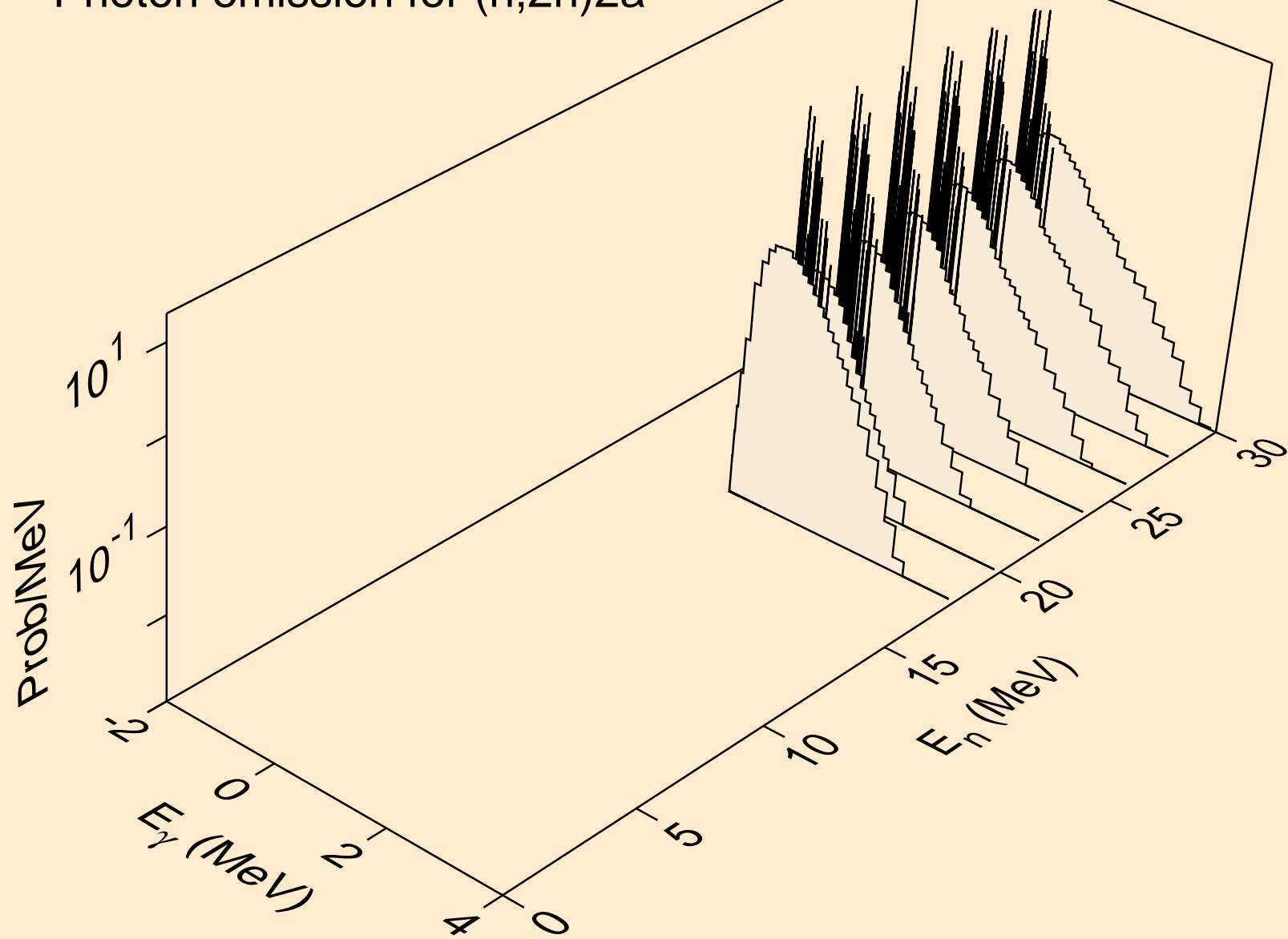




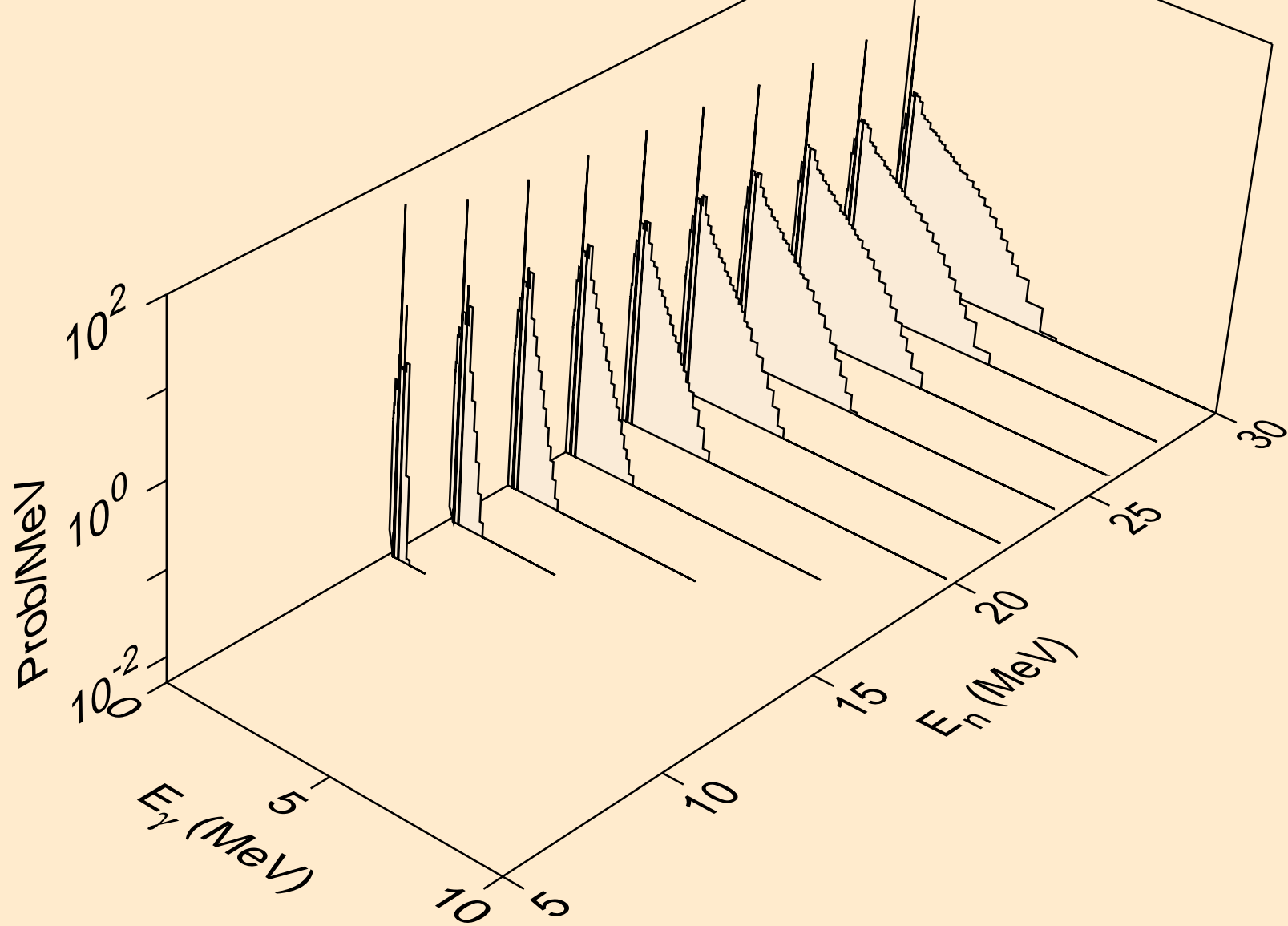
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Photon emission for (n,n\*)2a



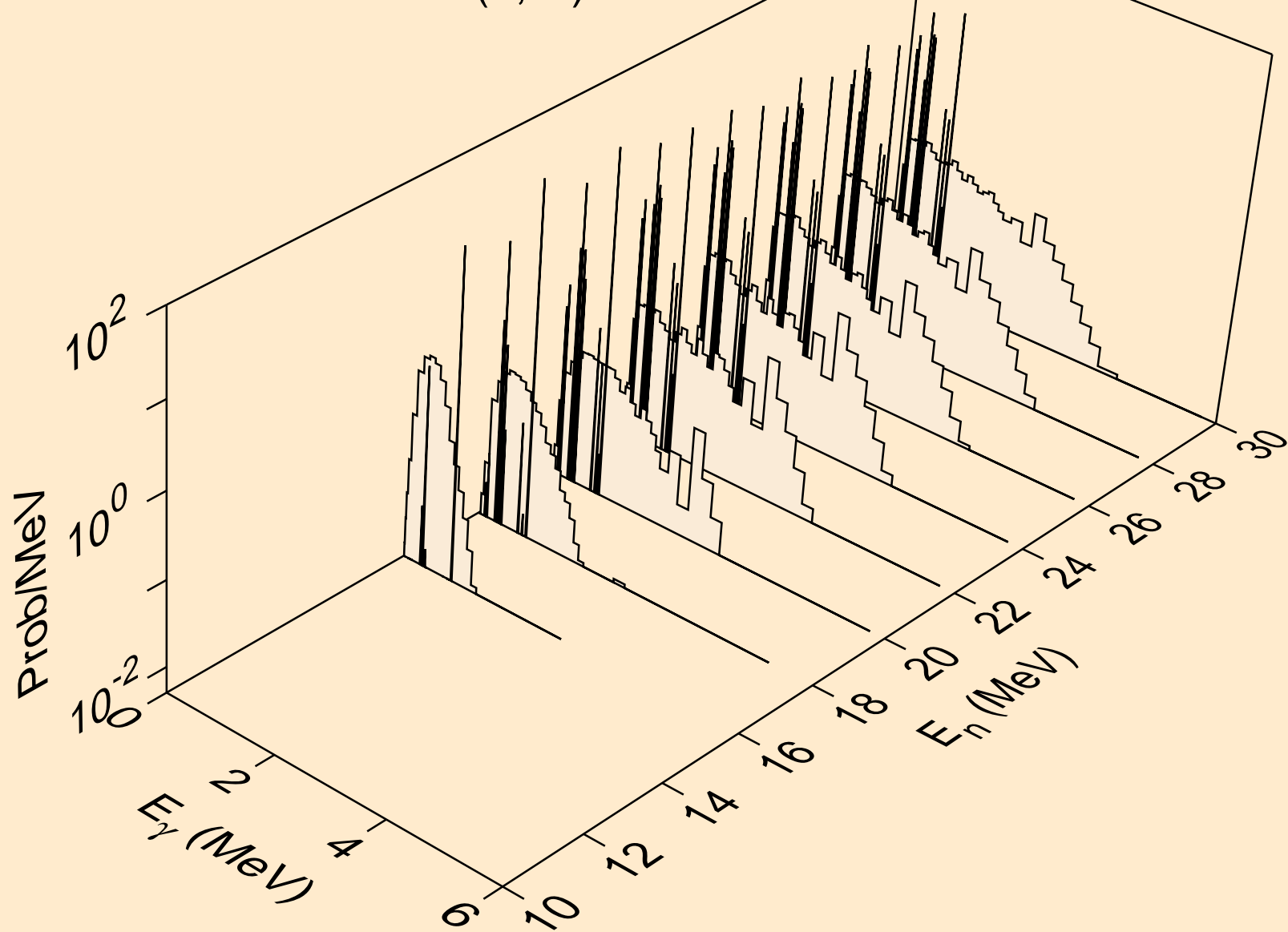
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Photon emission for (n,2n)2a



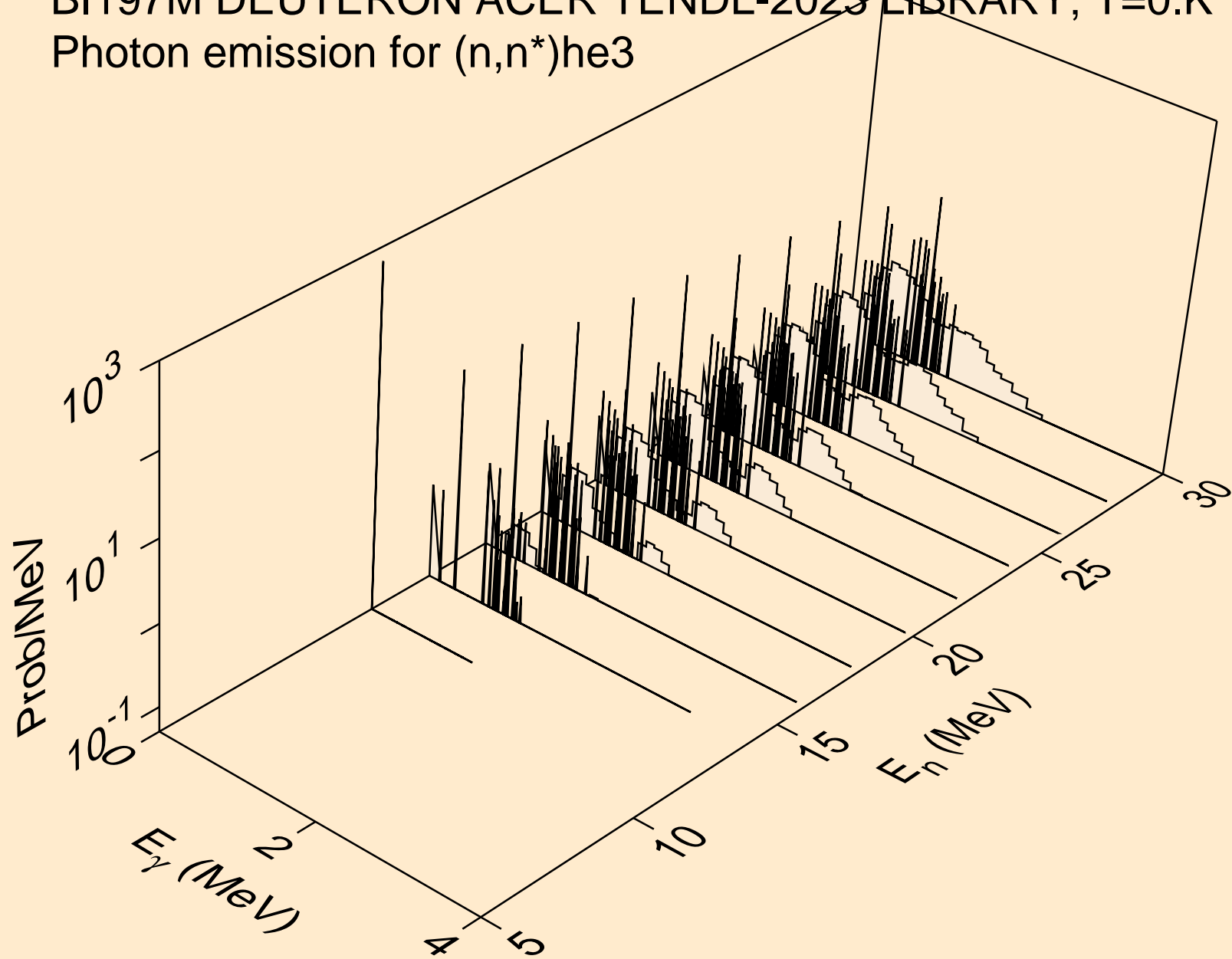
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Photon emission for (n,n\*)d



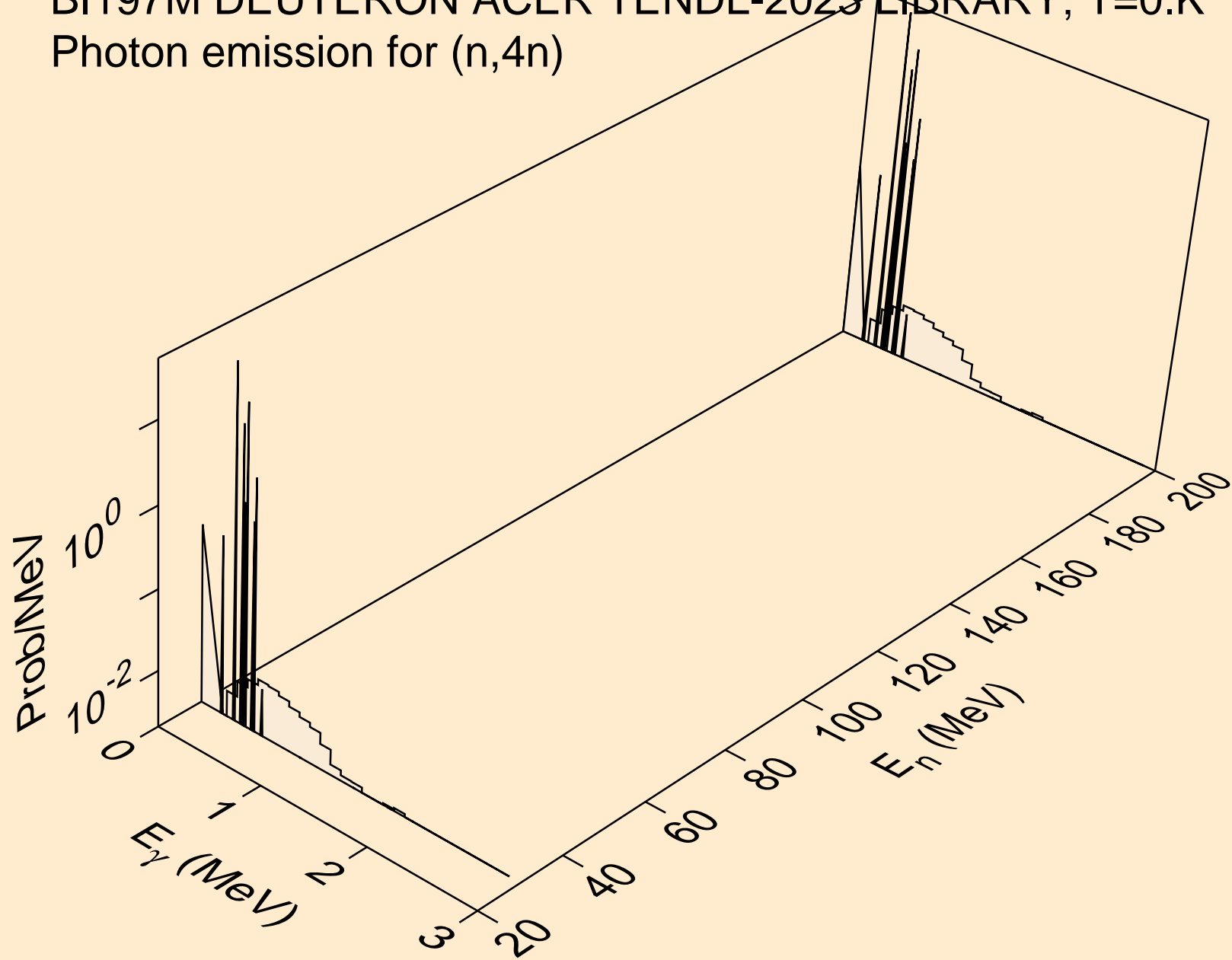
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Photon emission for (n,n\*)t



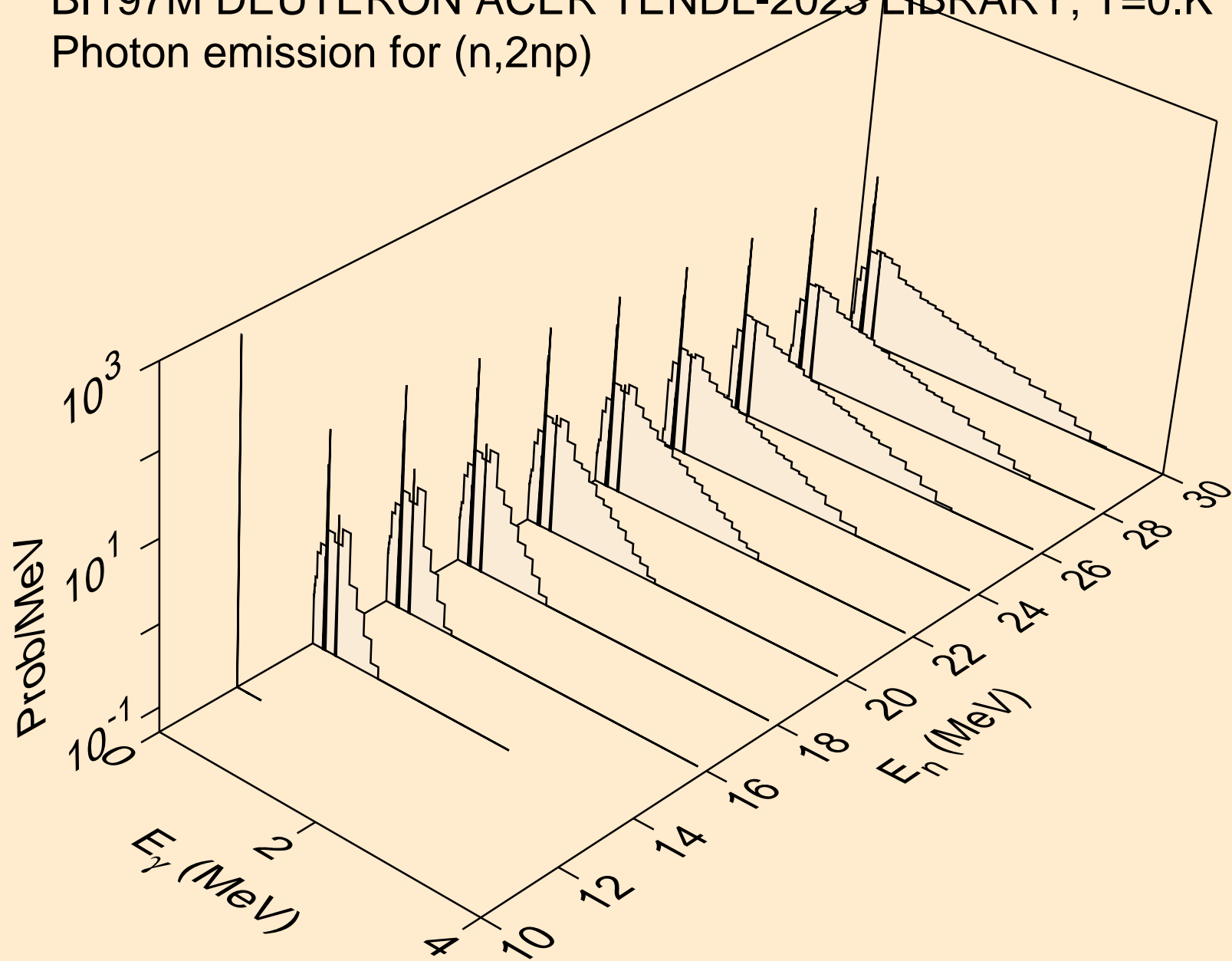
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Photon emission for (n,n\*)he3



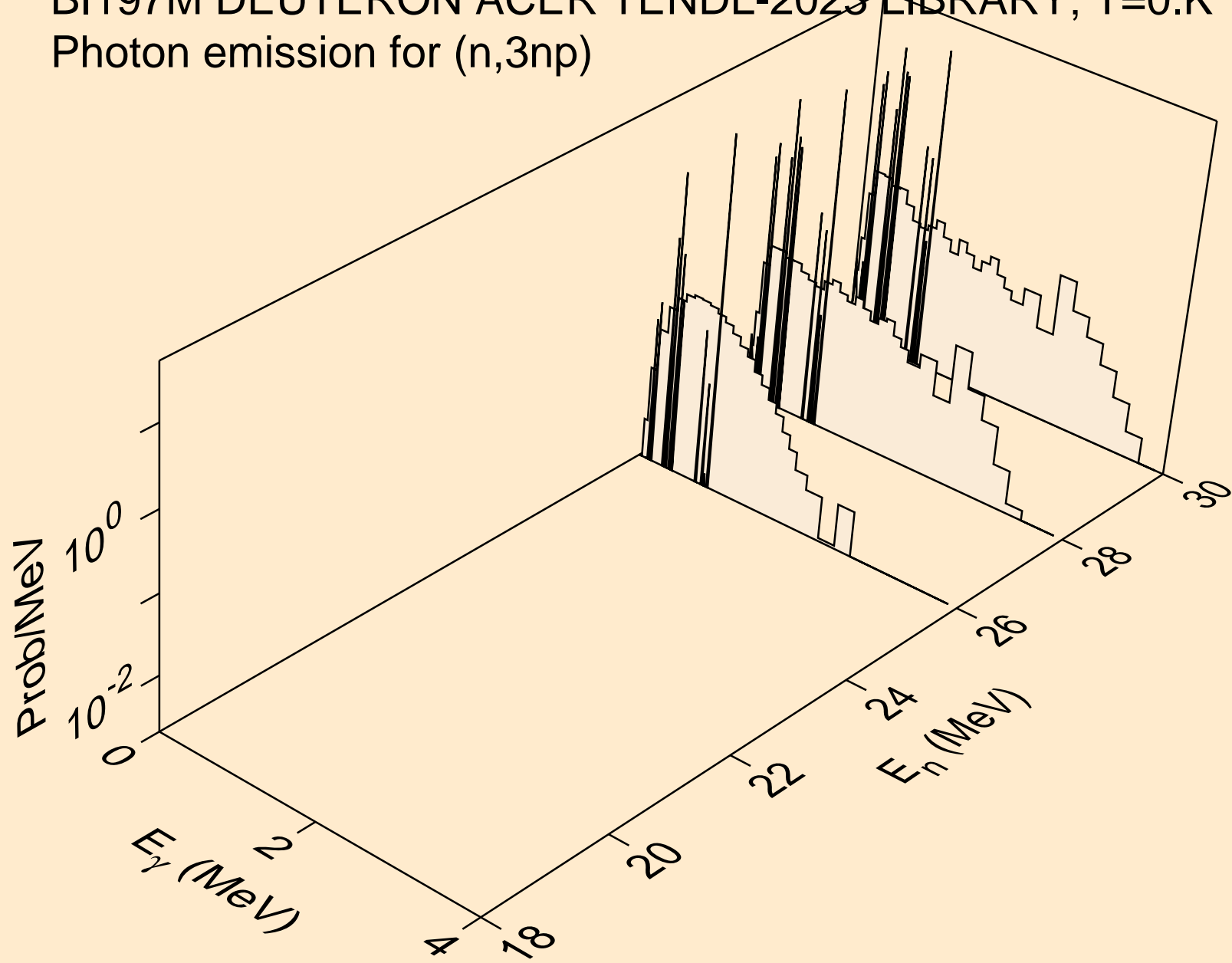
BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

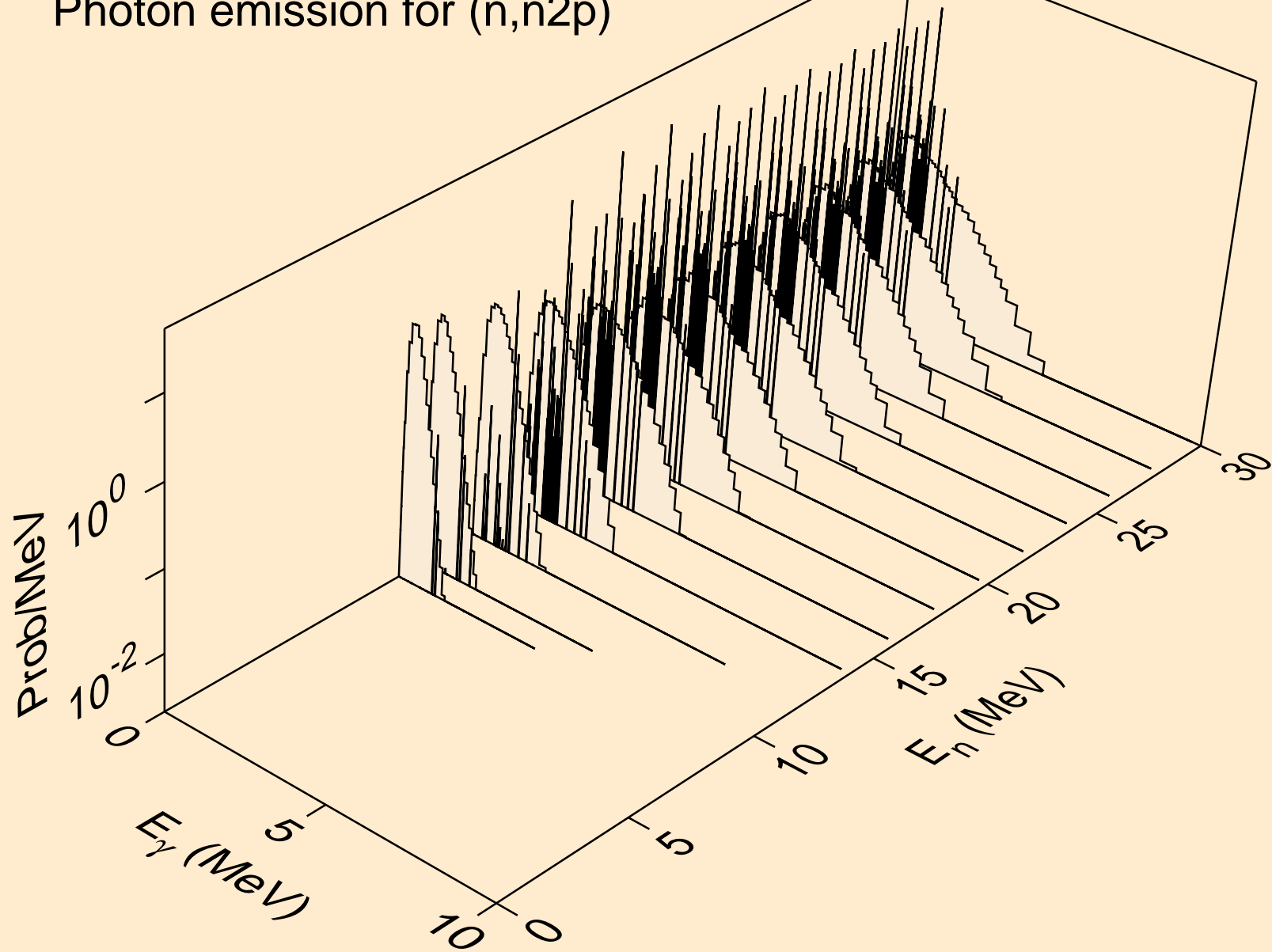


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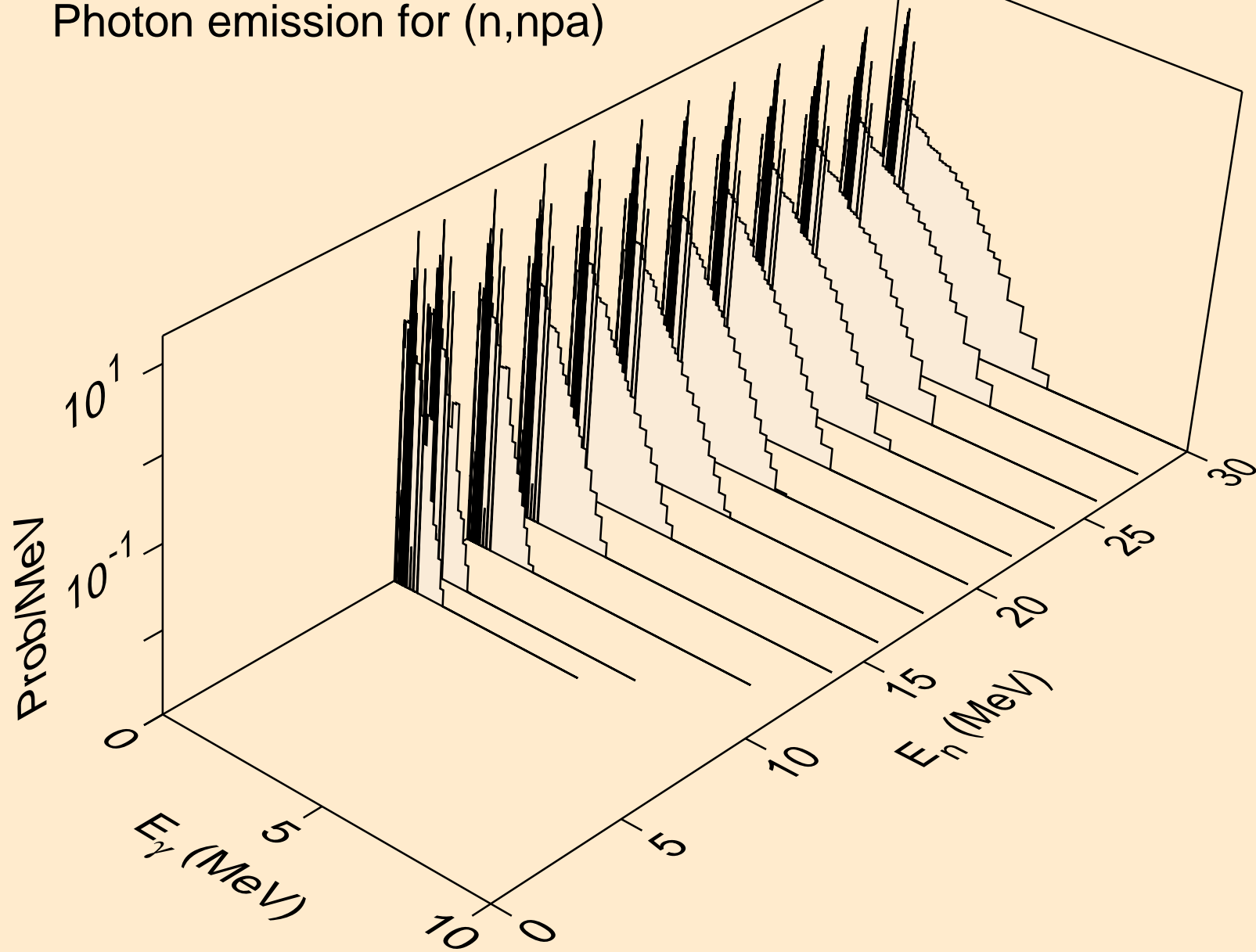




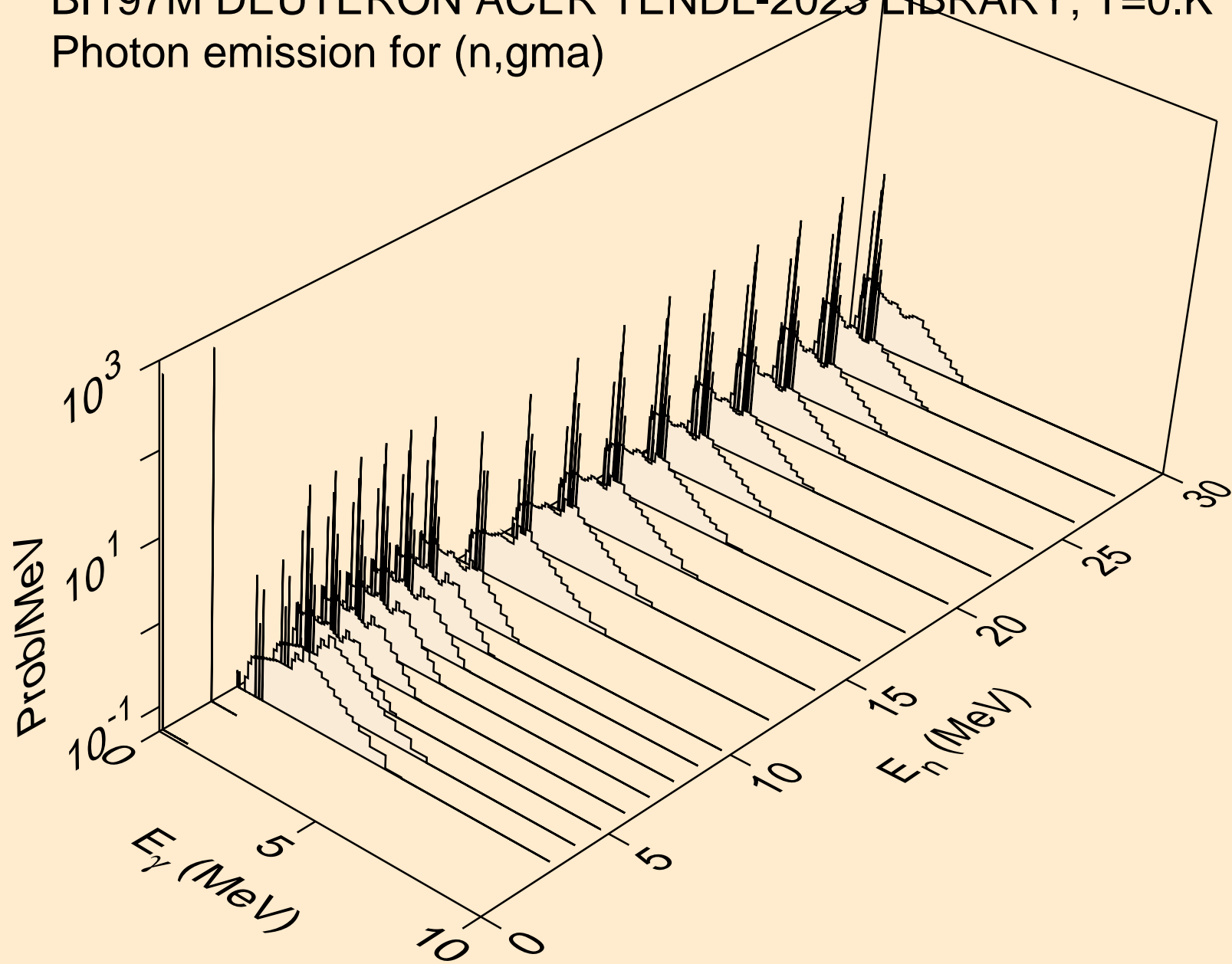
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Photon emission for (n,n2p)



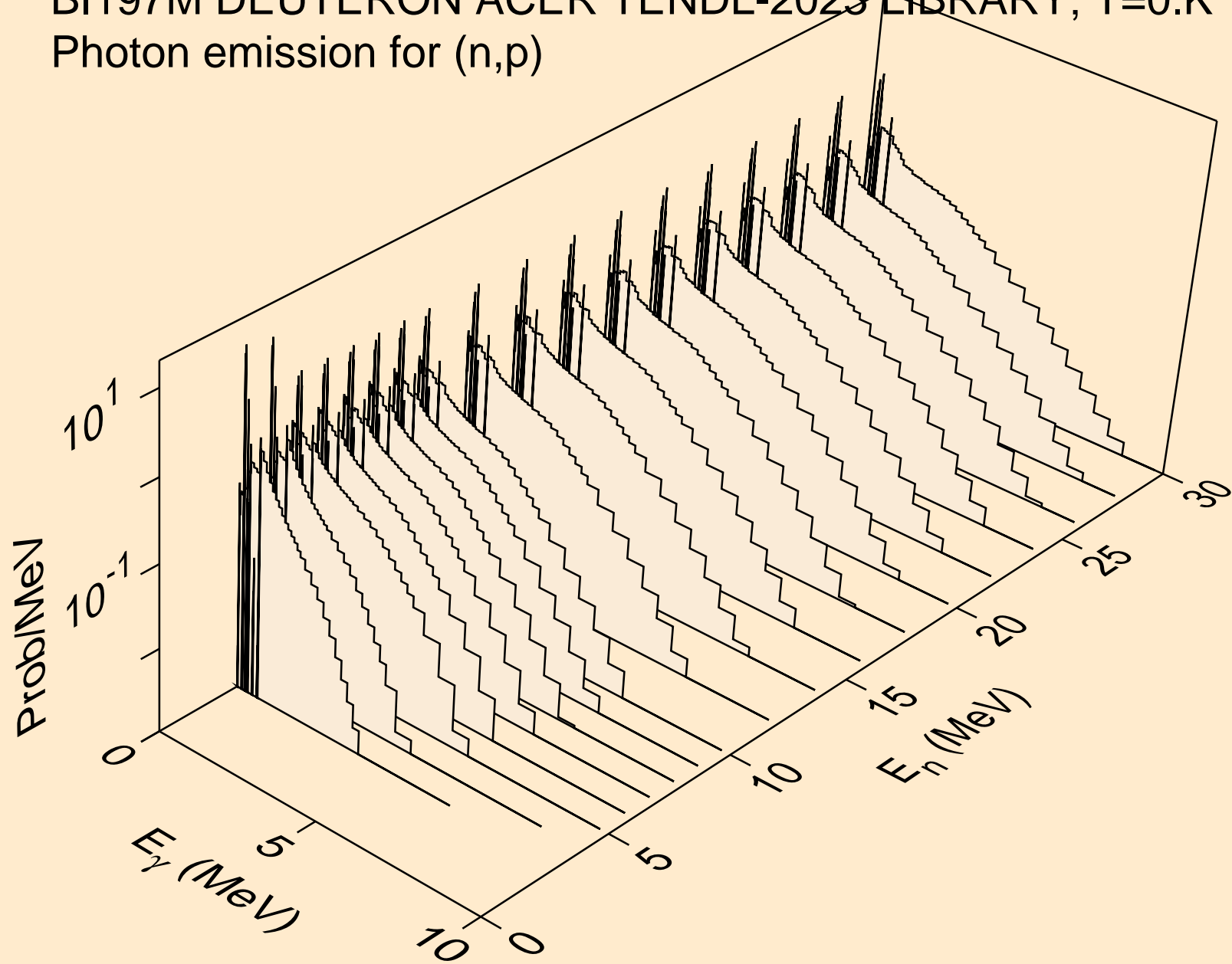
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Photon emission for (n,npa)



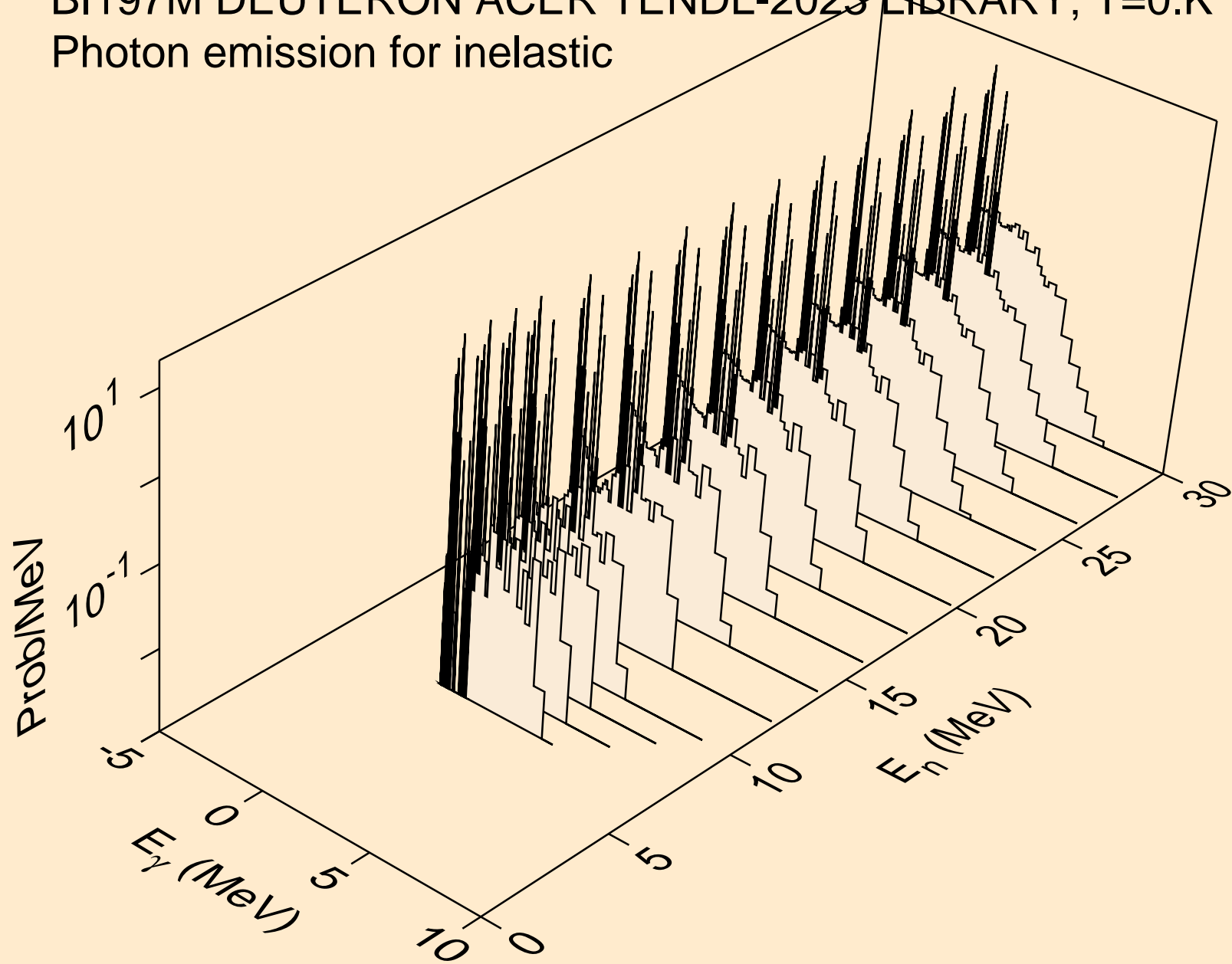
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Photon emission for (n,gma)



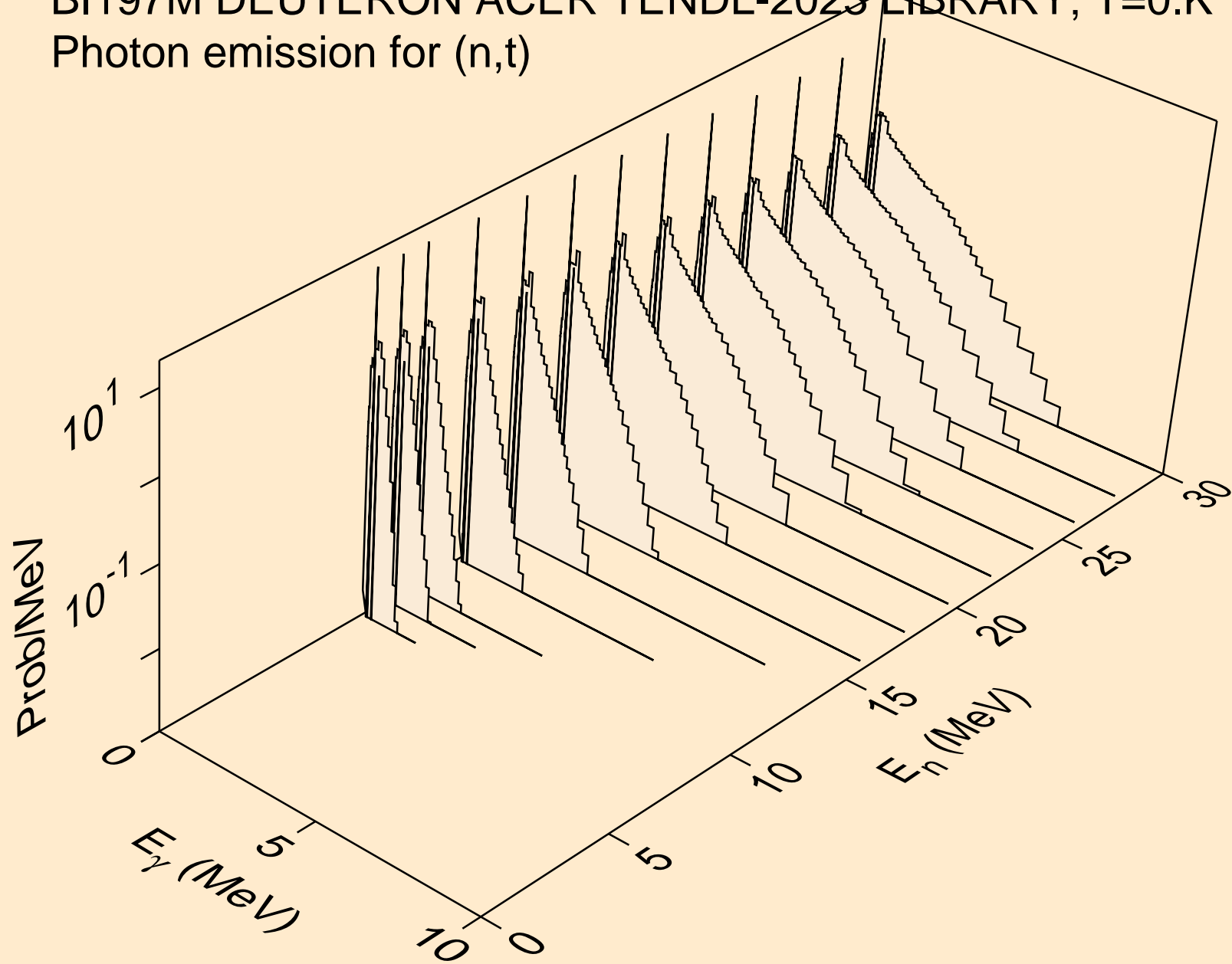
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Photon emission for (n,p)



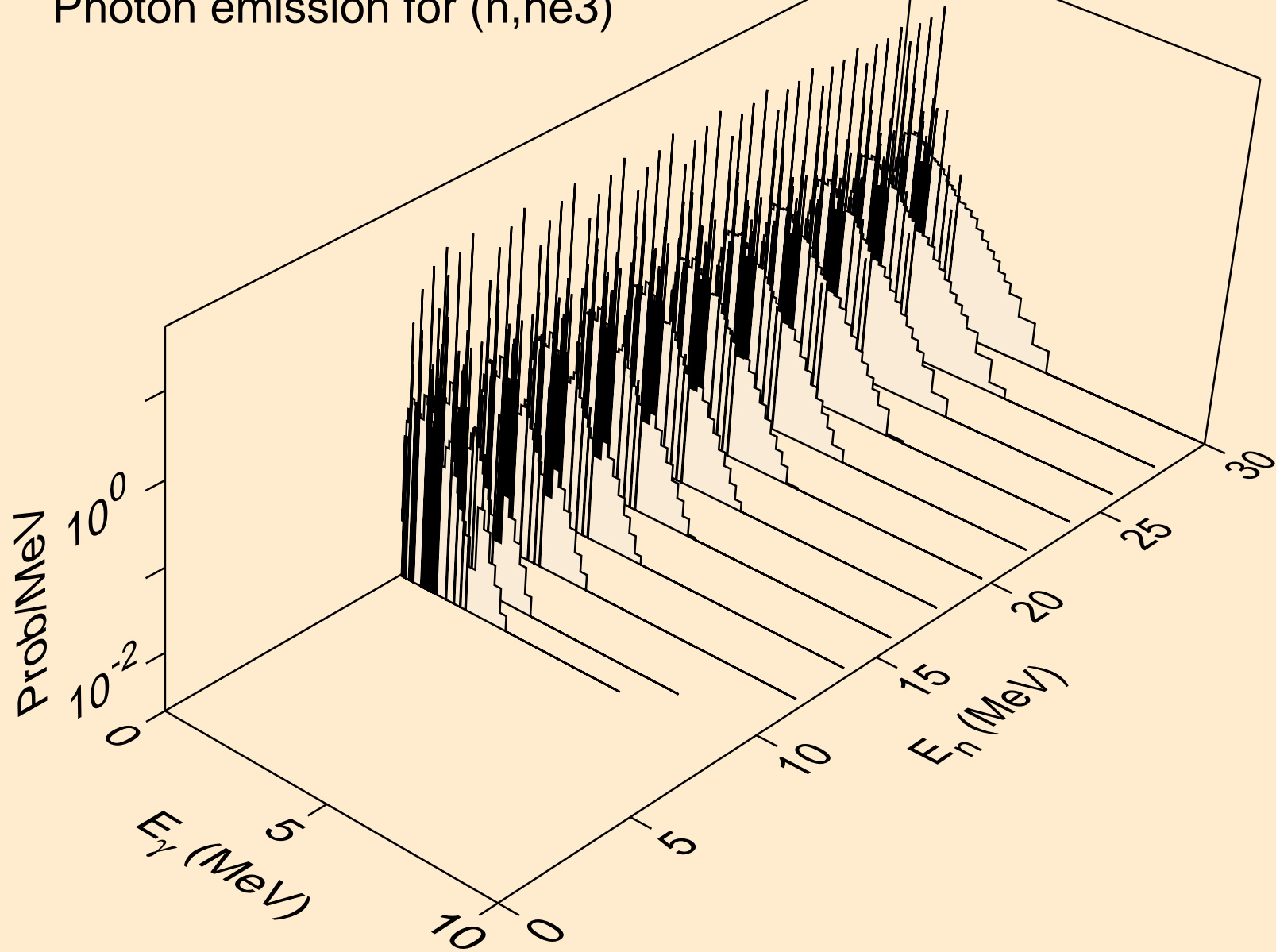
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Photon emission for inelastic



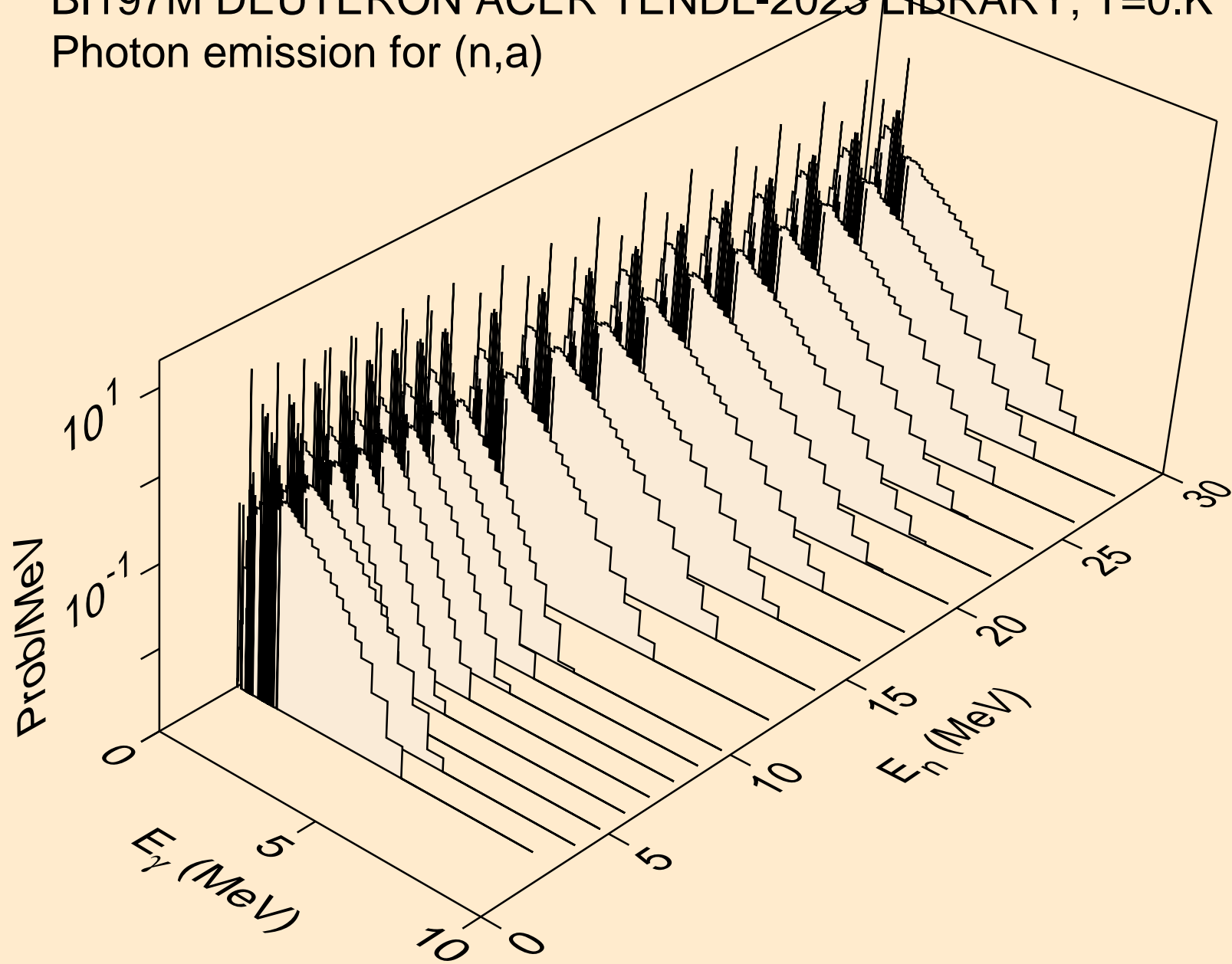
BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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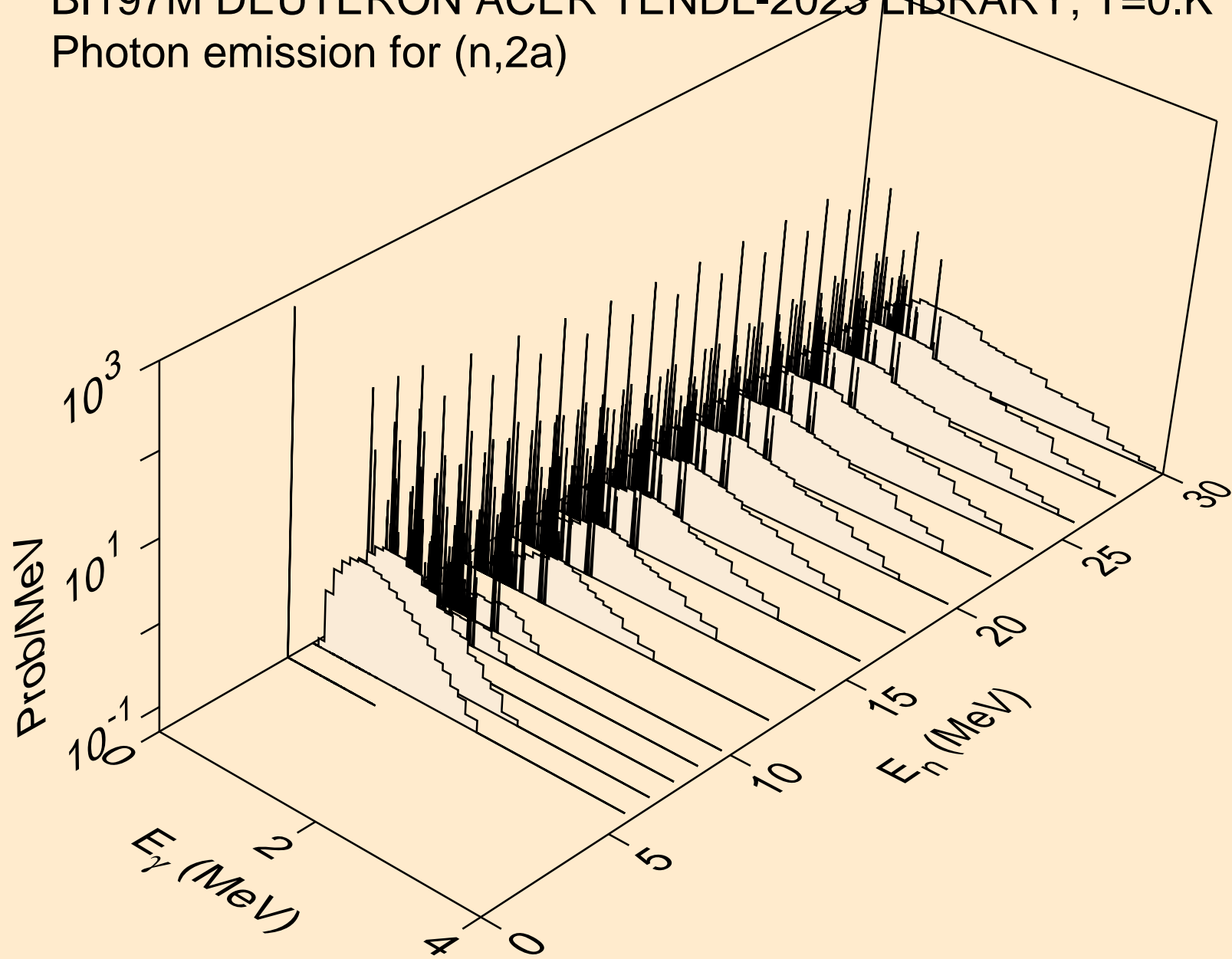


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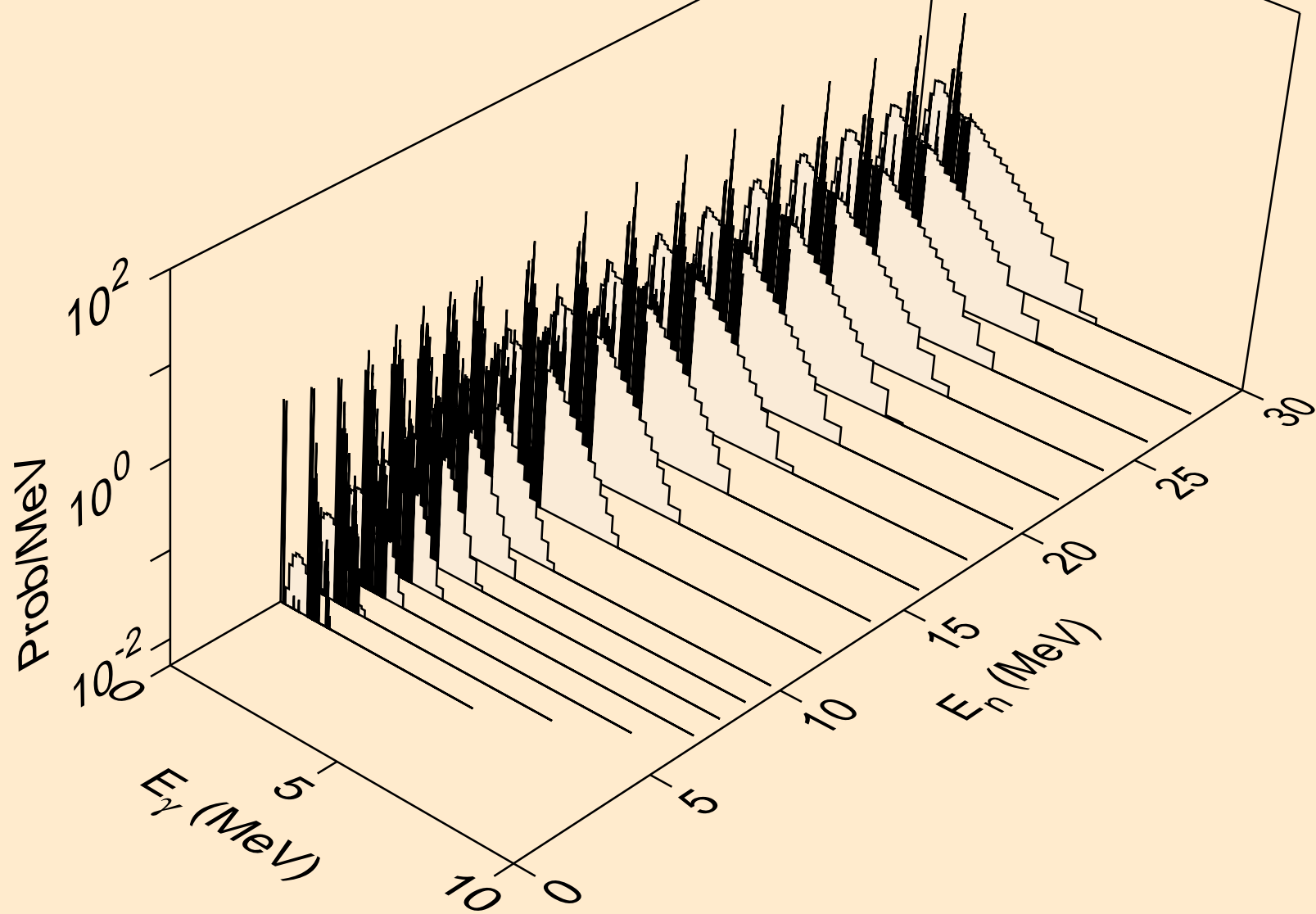




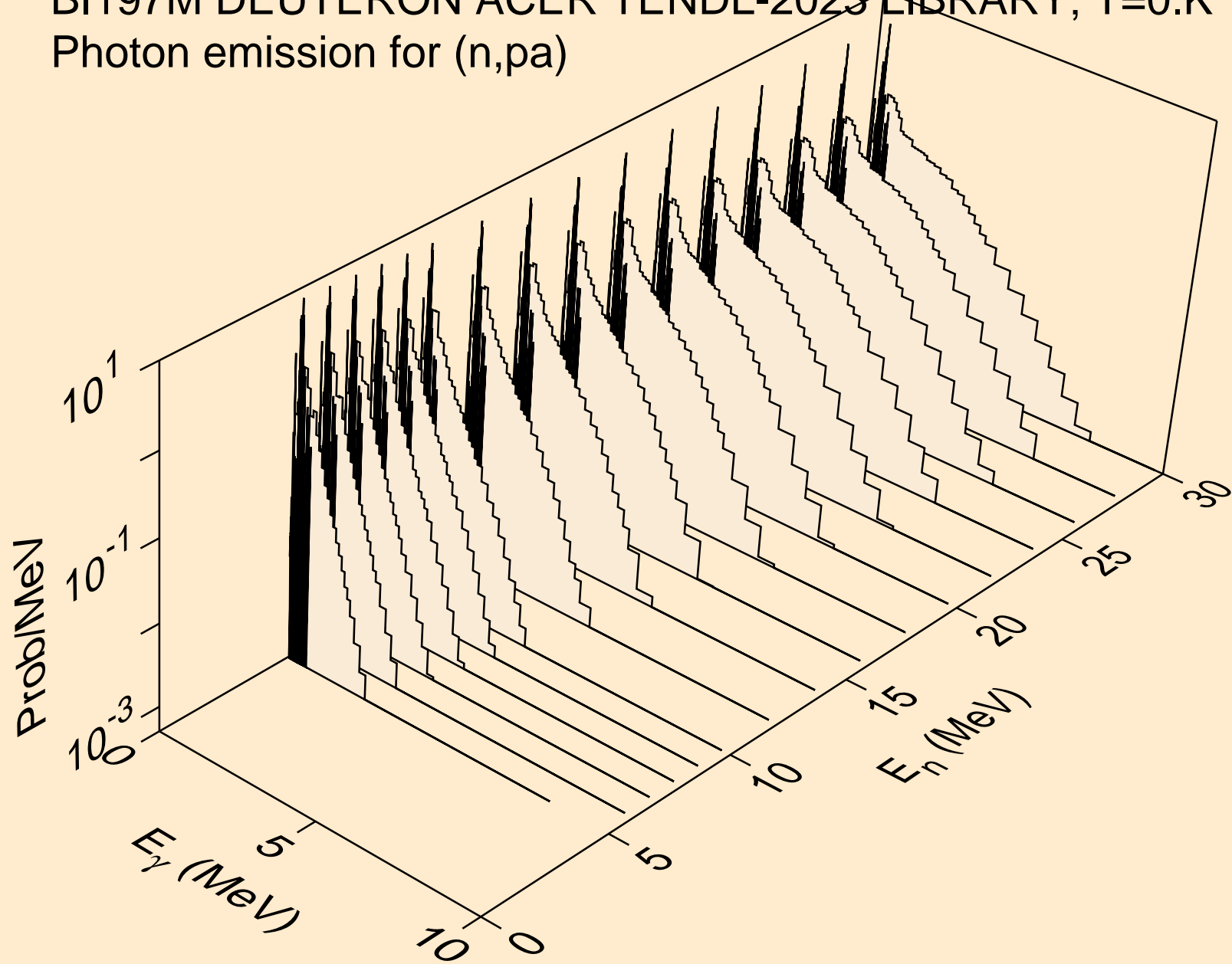
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Photon emission for (n,2a)



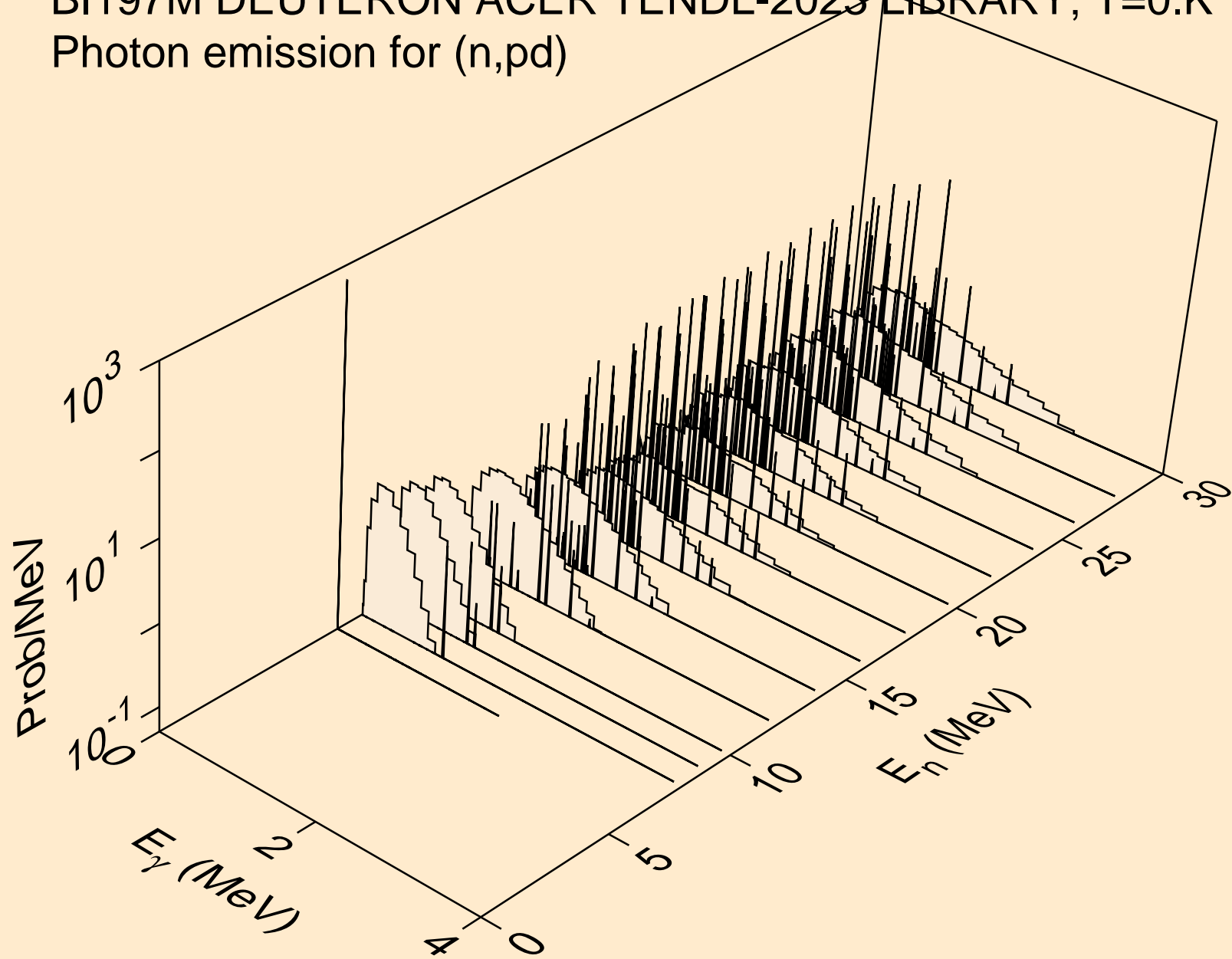
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Photon emission for (n,2p)



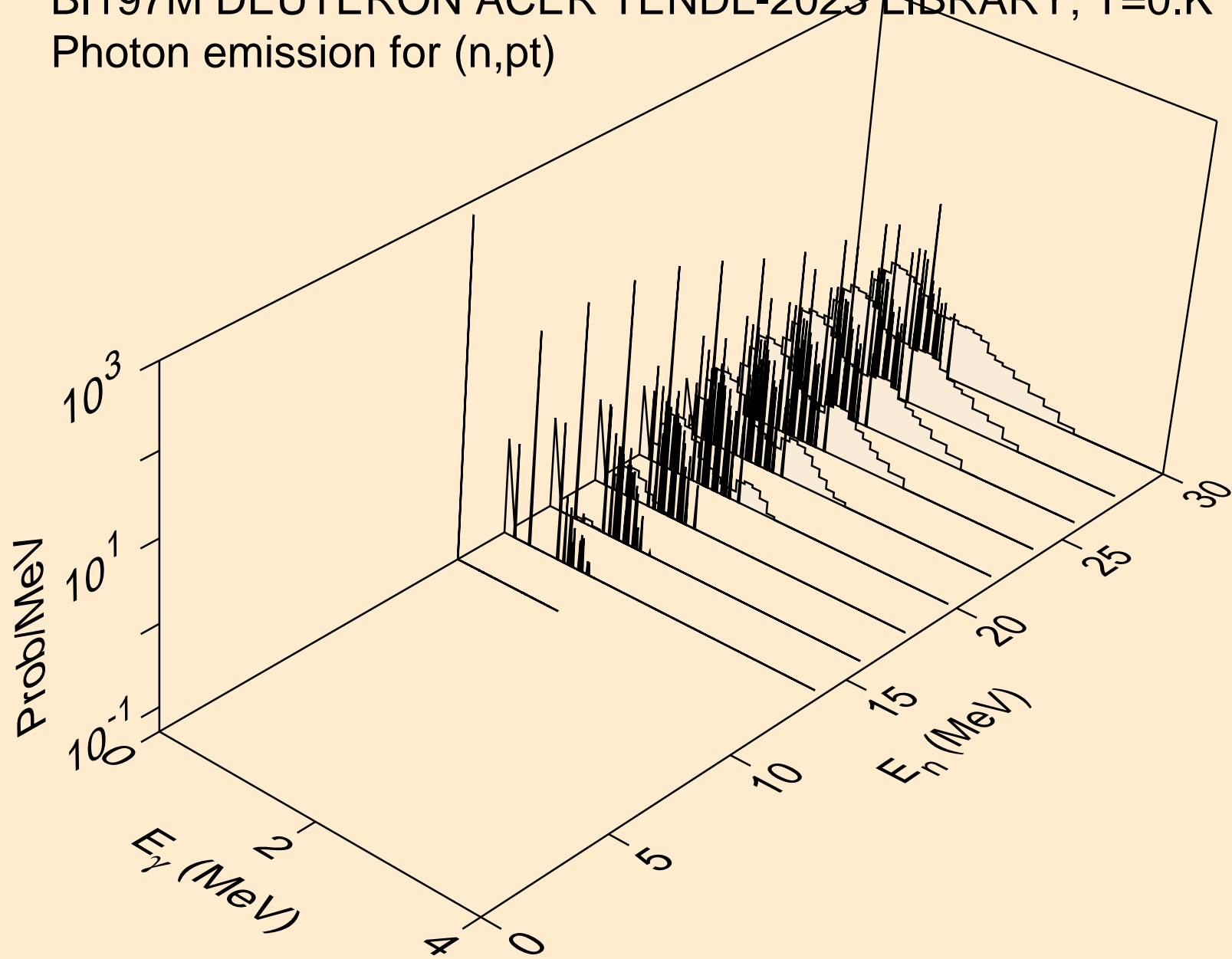
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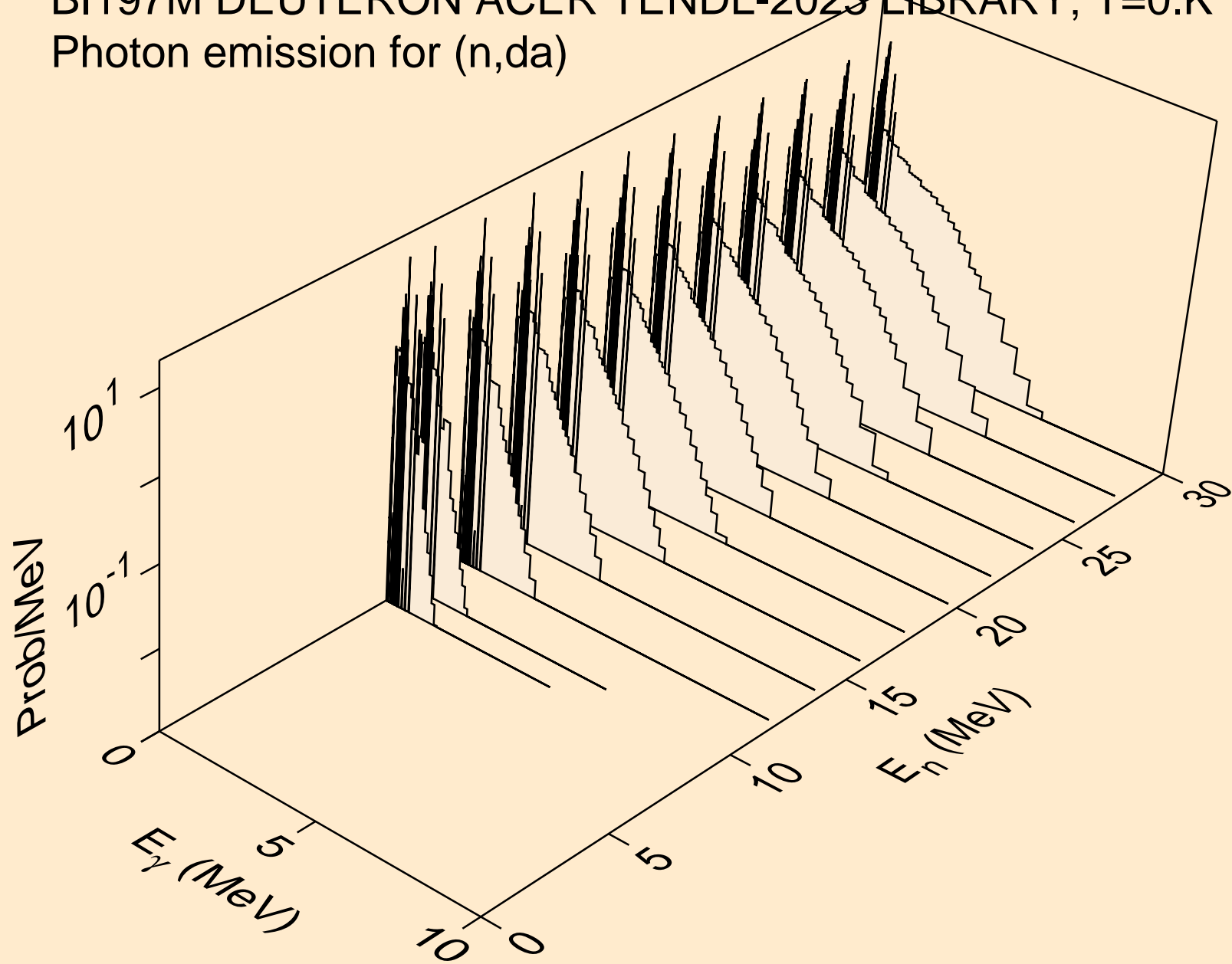
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Photon emission for (n,pd)



BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

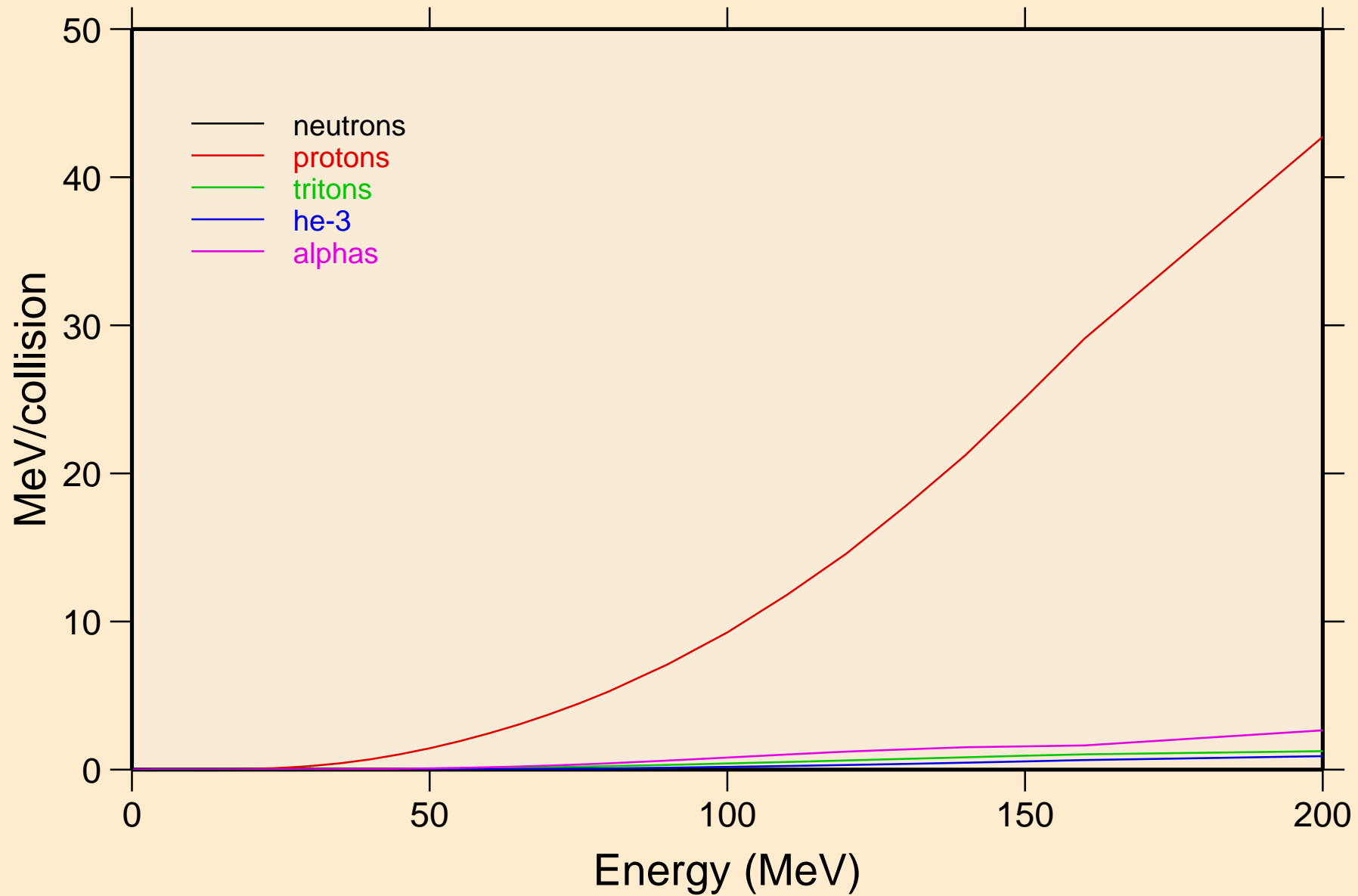


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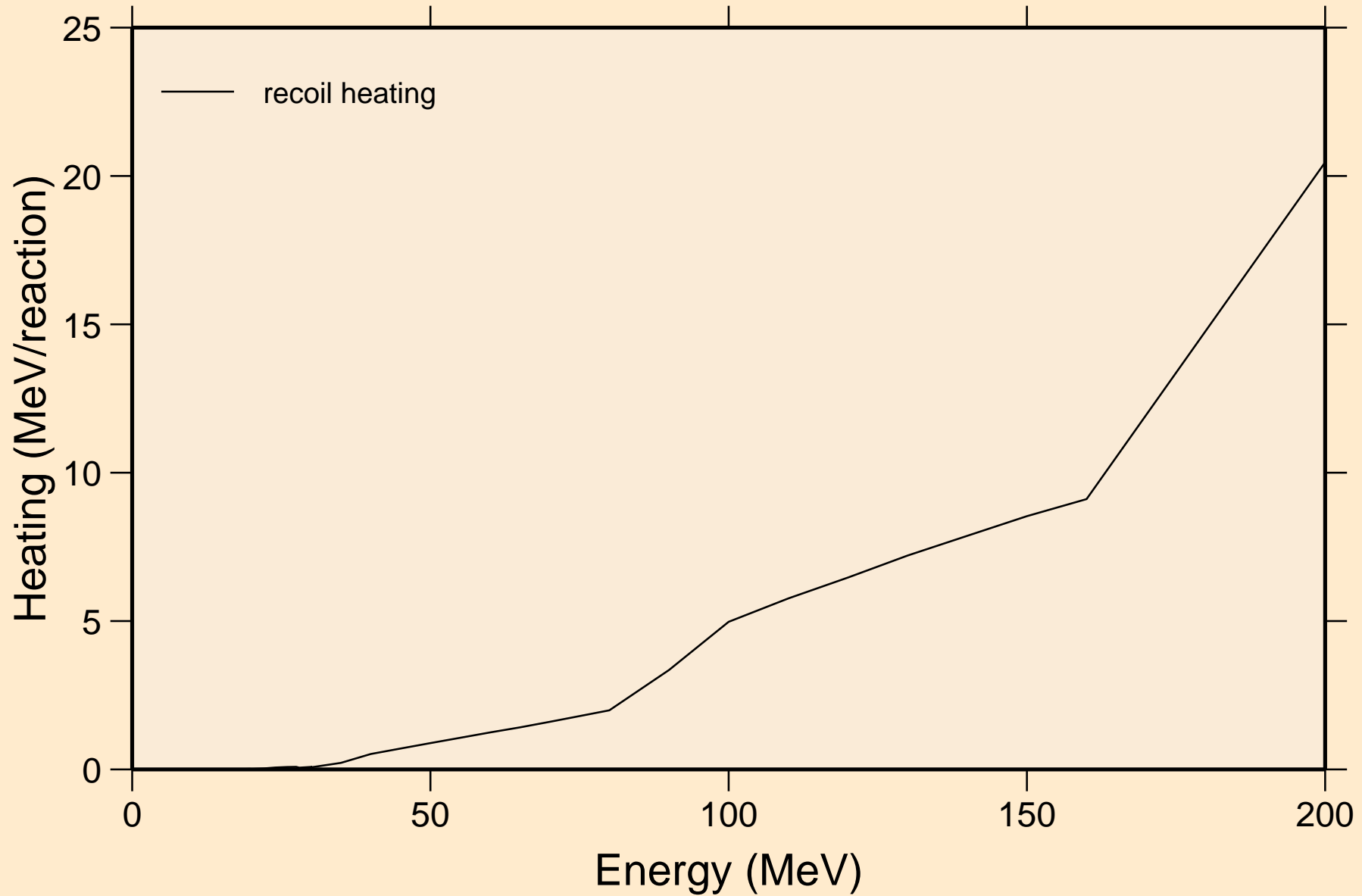


# BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

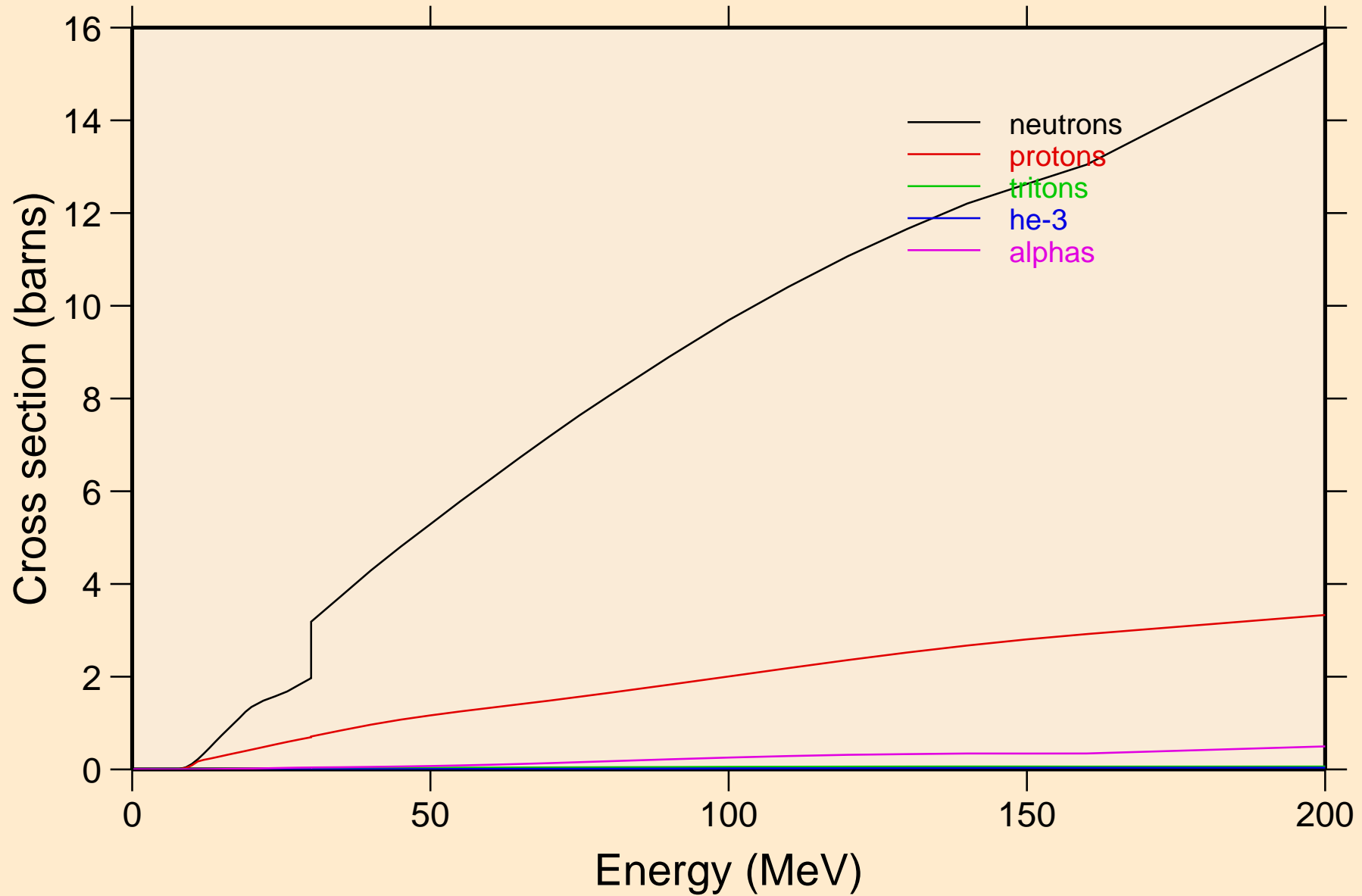


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Recoil Heating

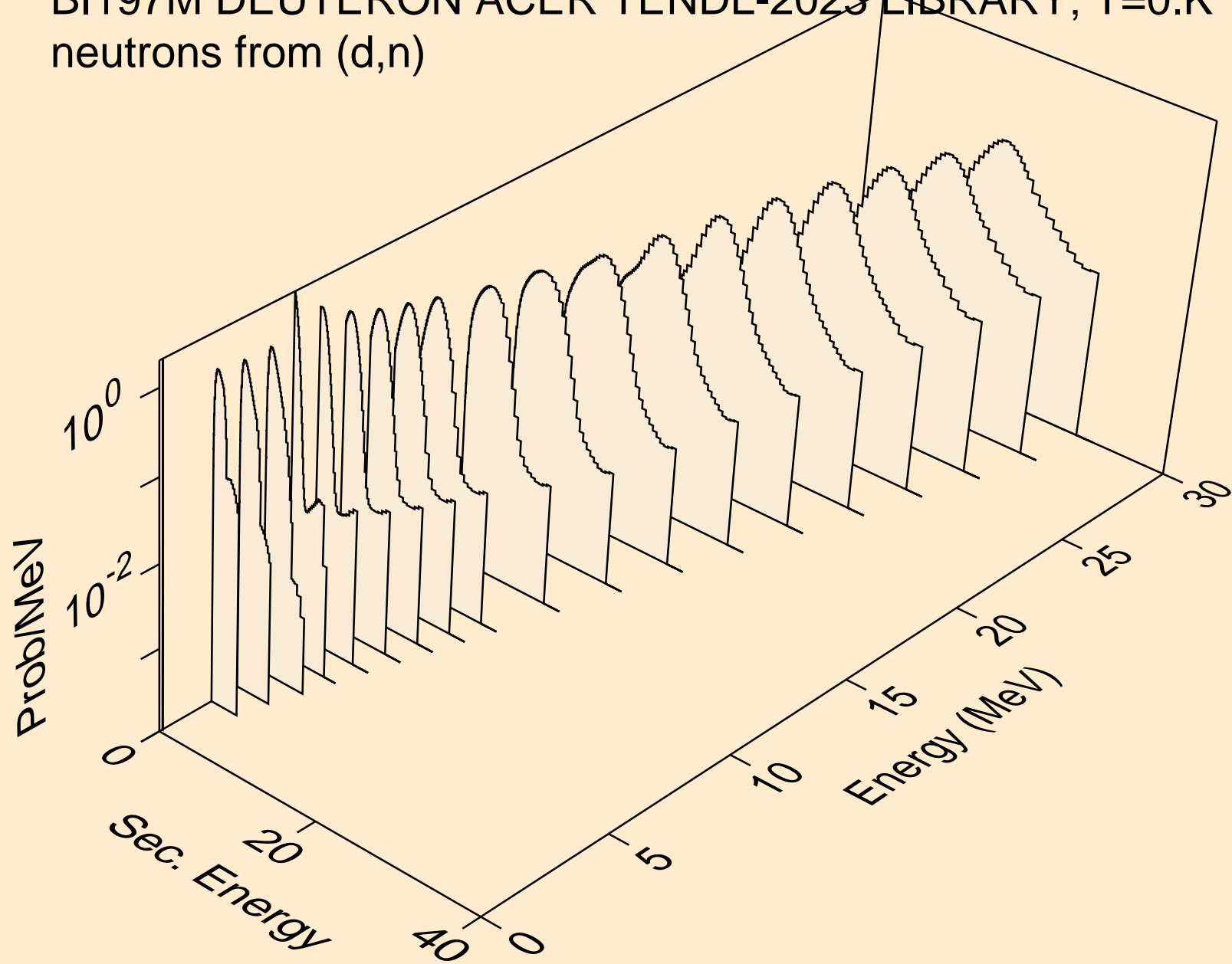




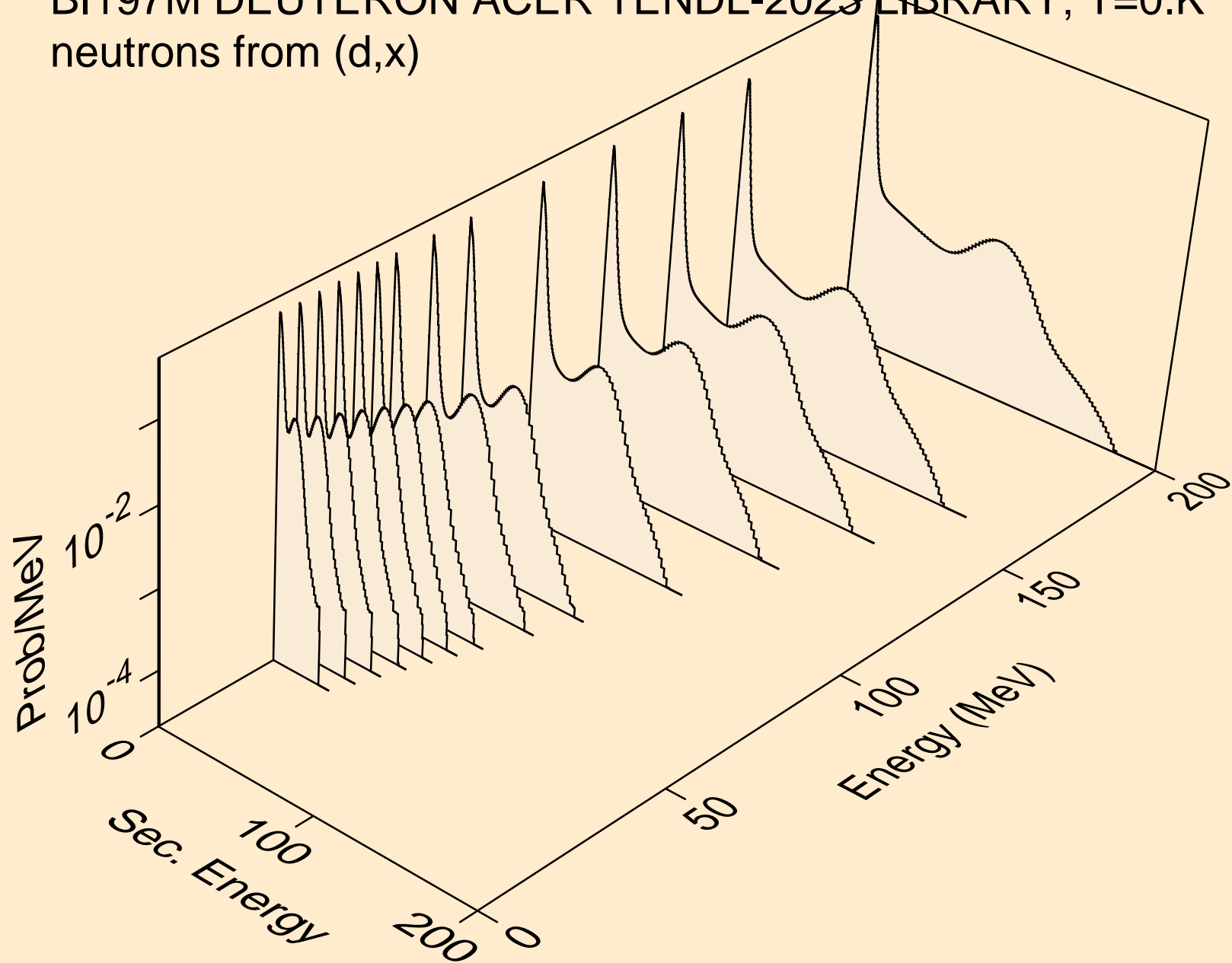
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Particle production cross sections



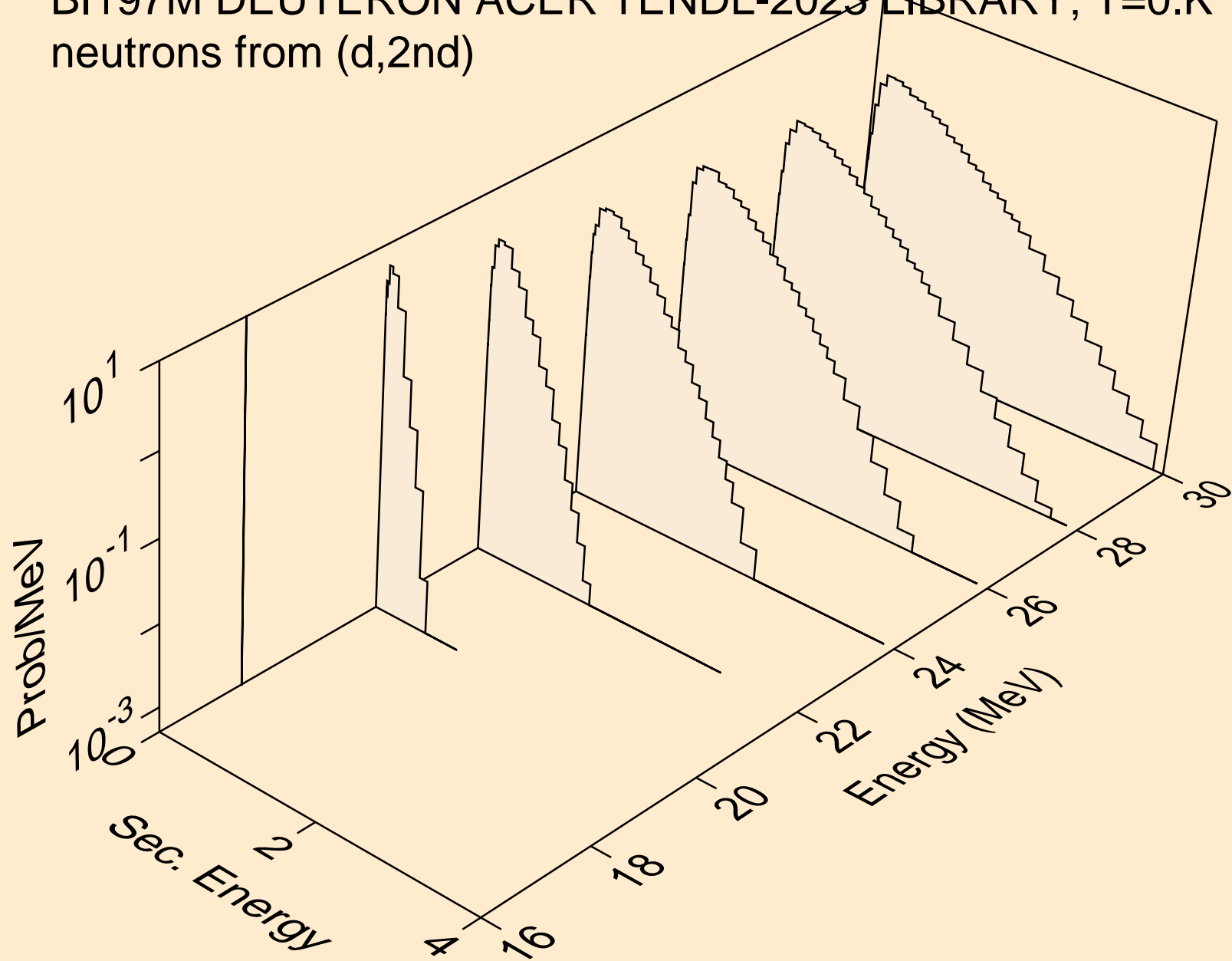
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neutrons from (d,n)



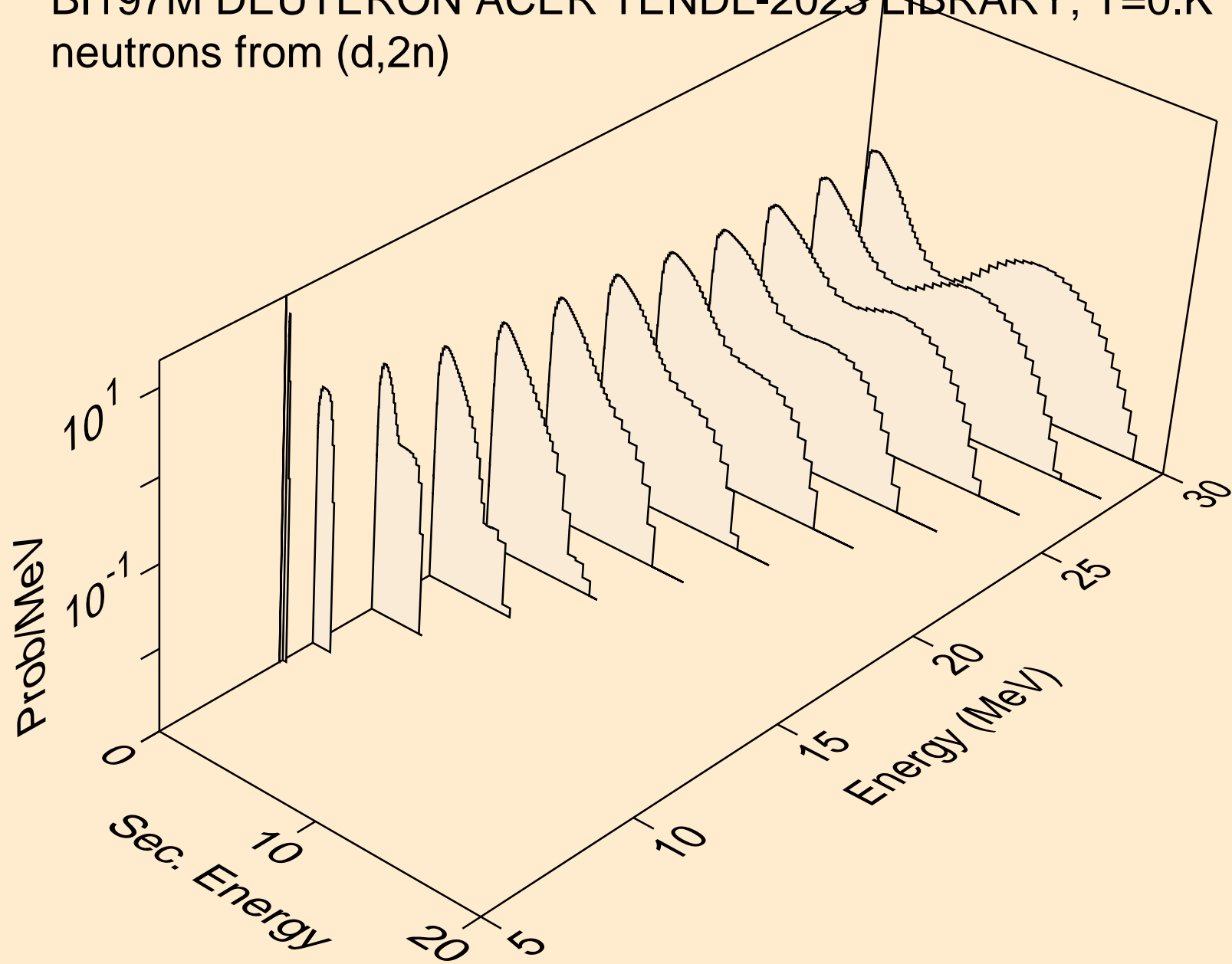
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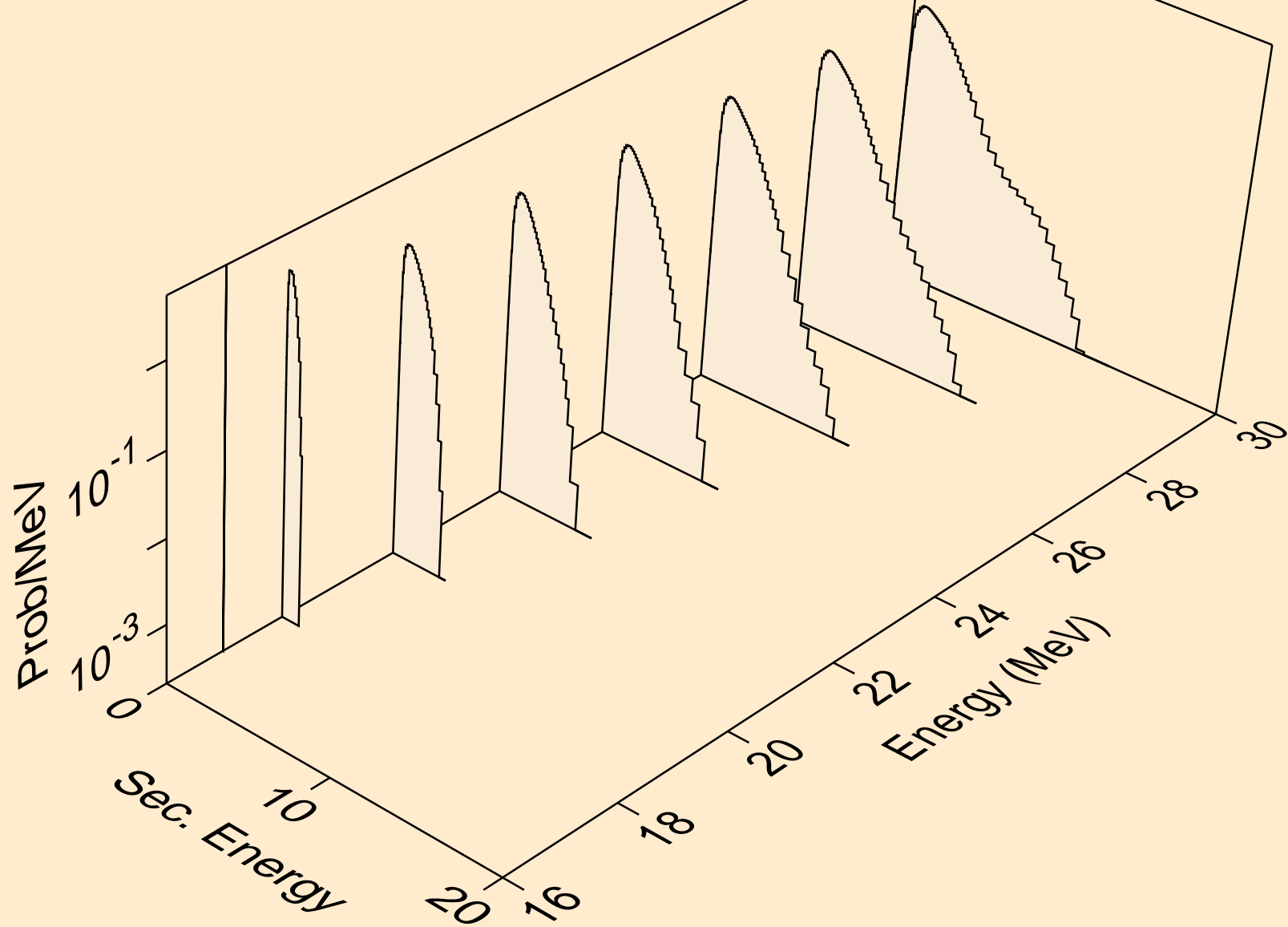
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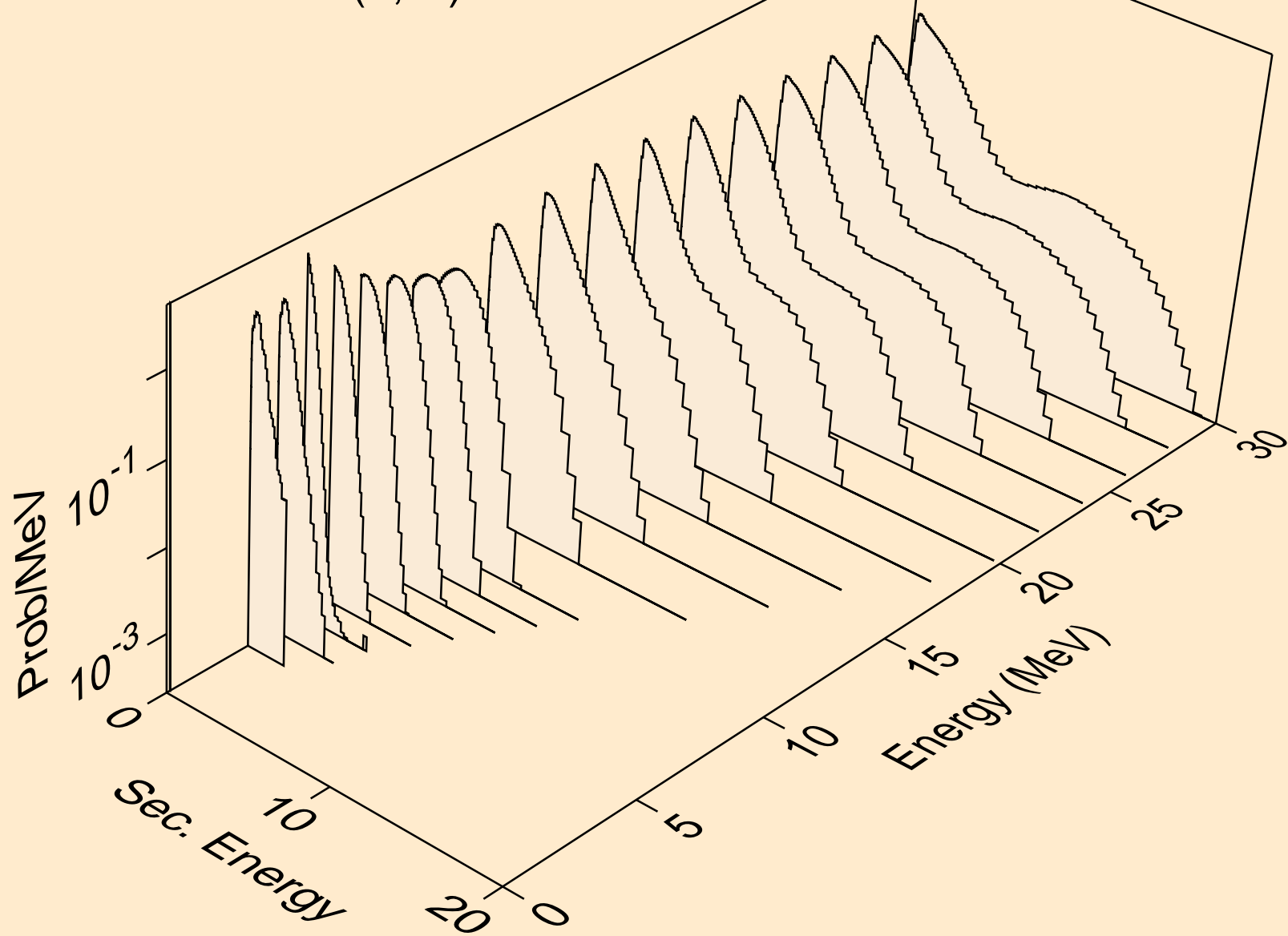
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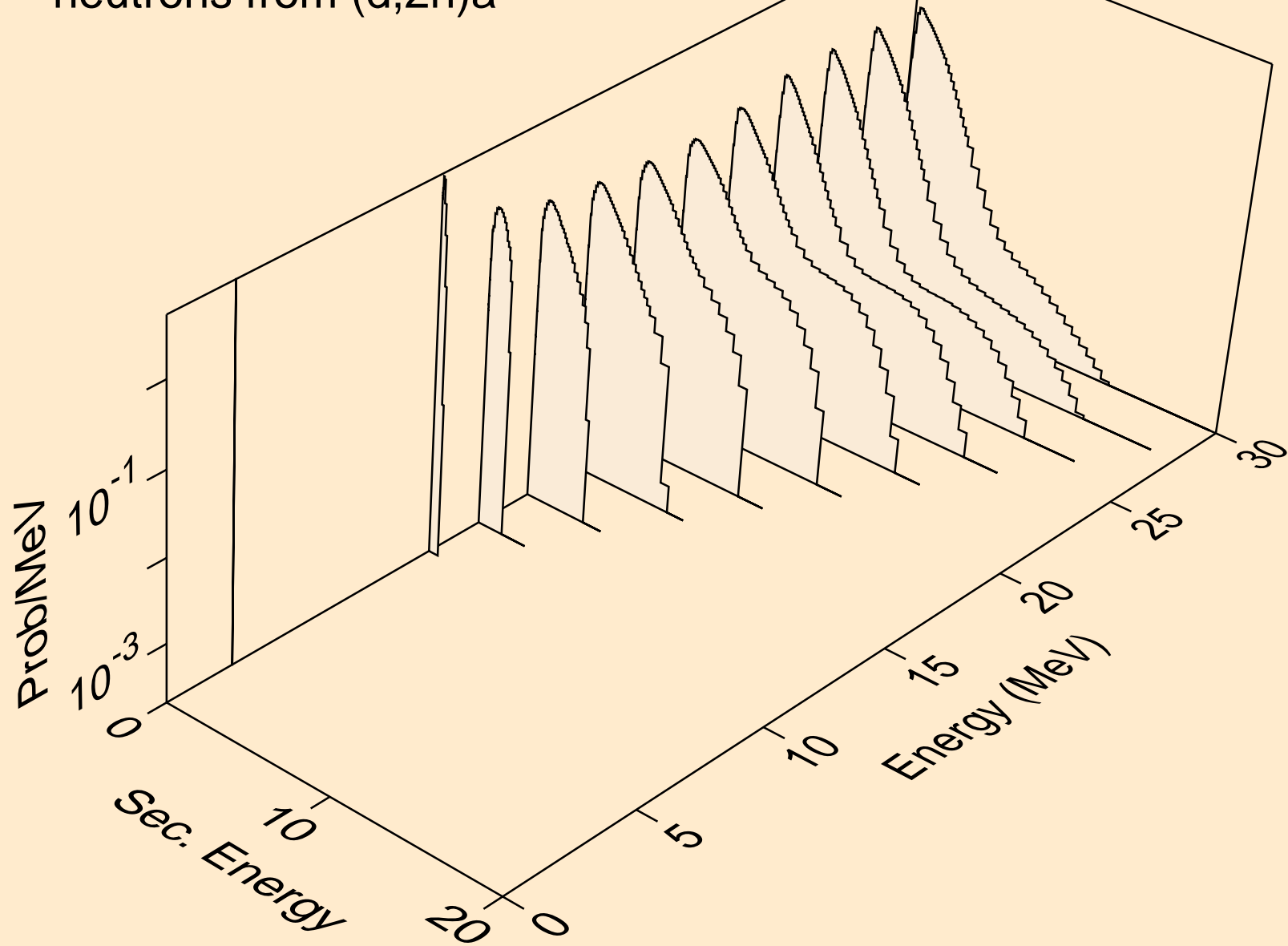
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neutrons from (d,3n)



BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)a

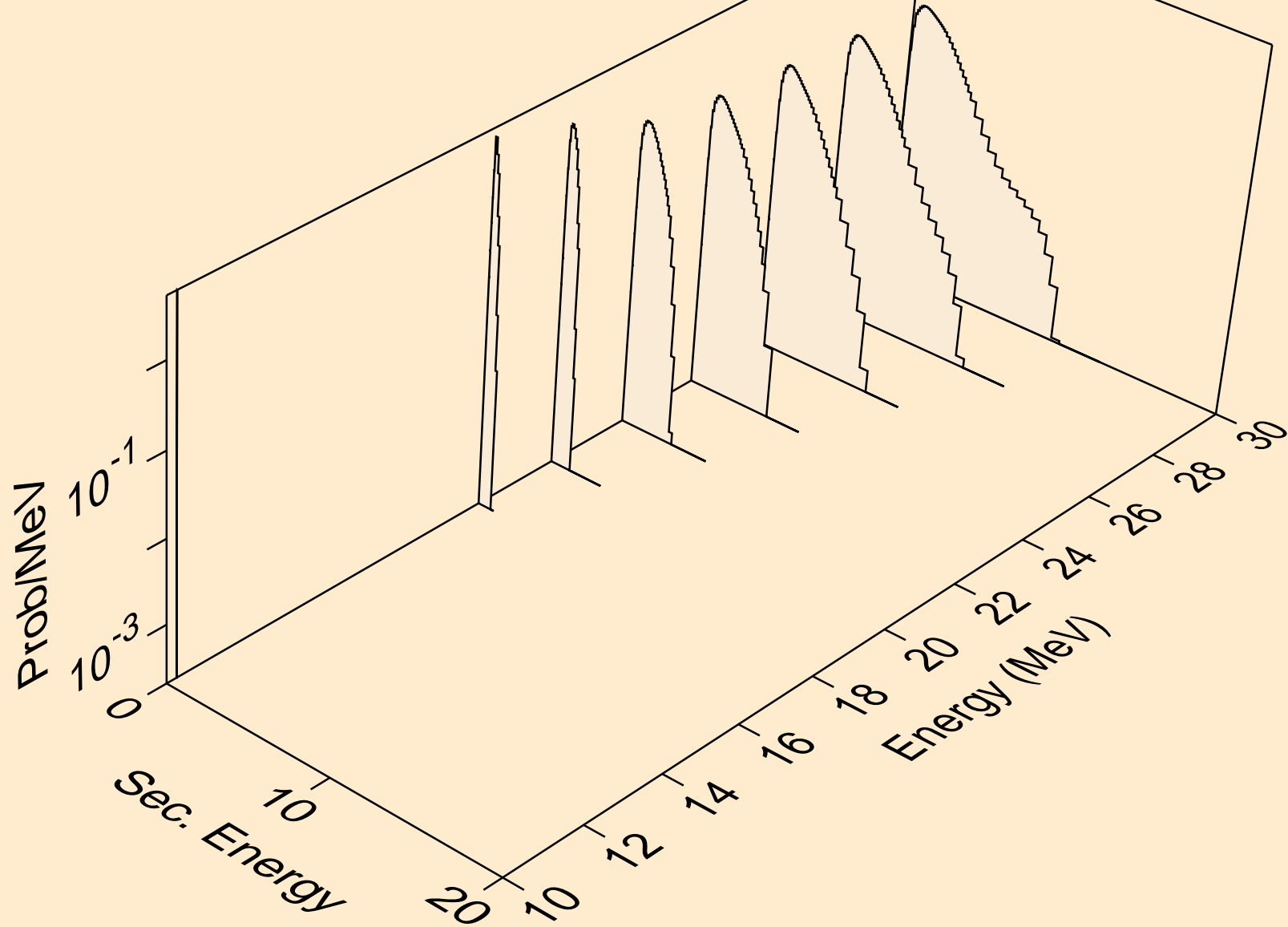


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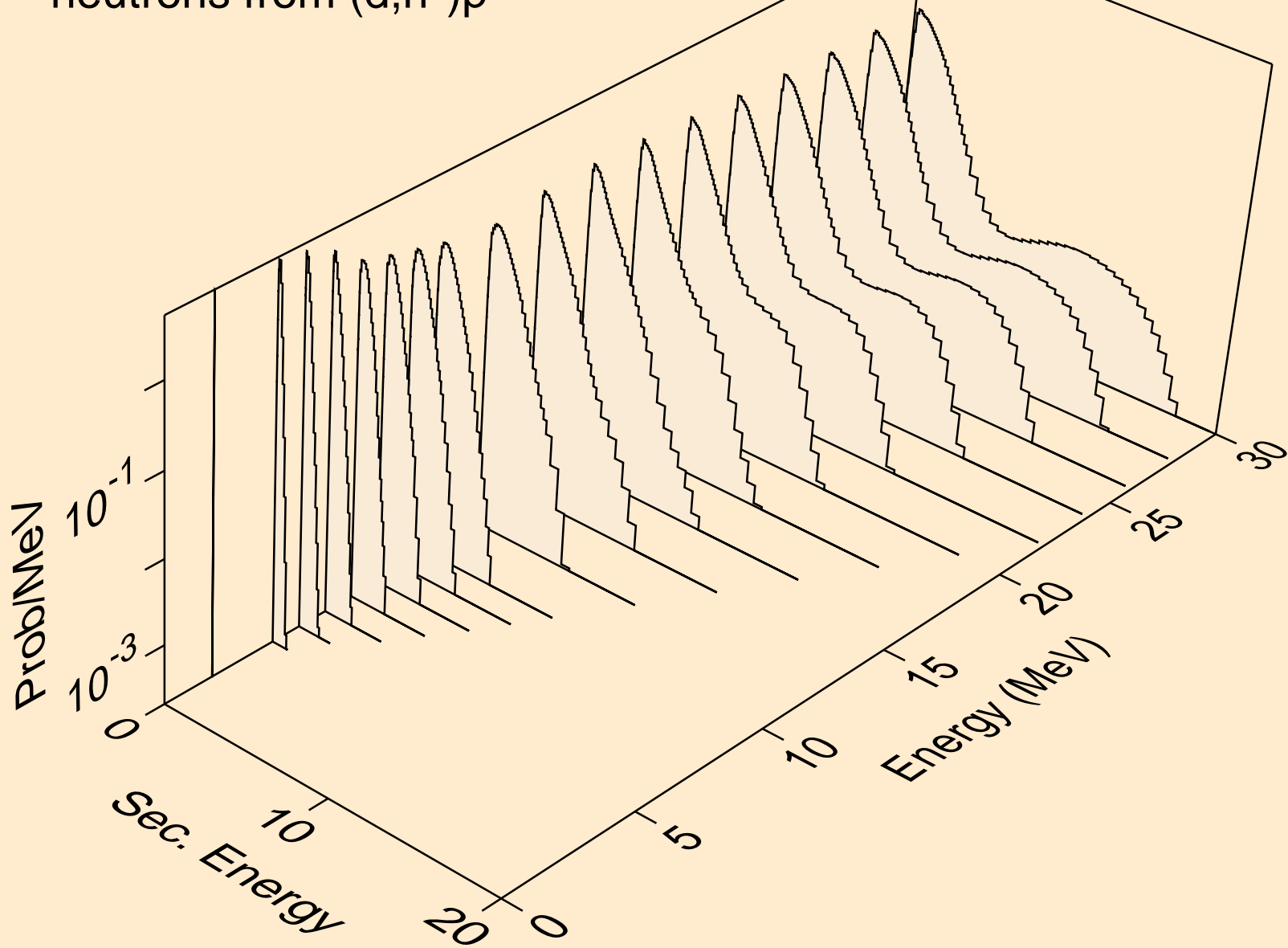




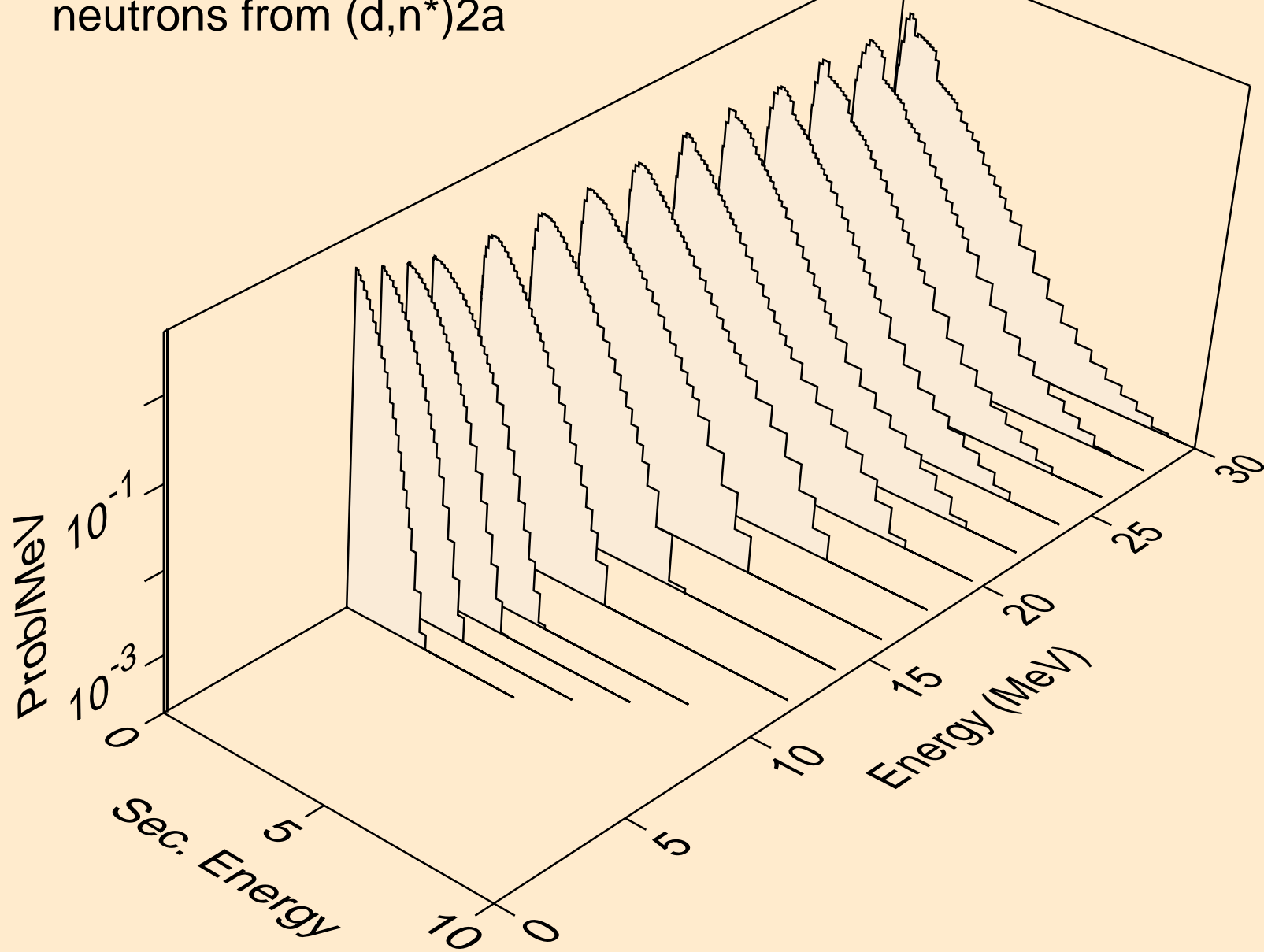
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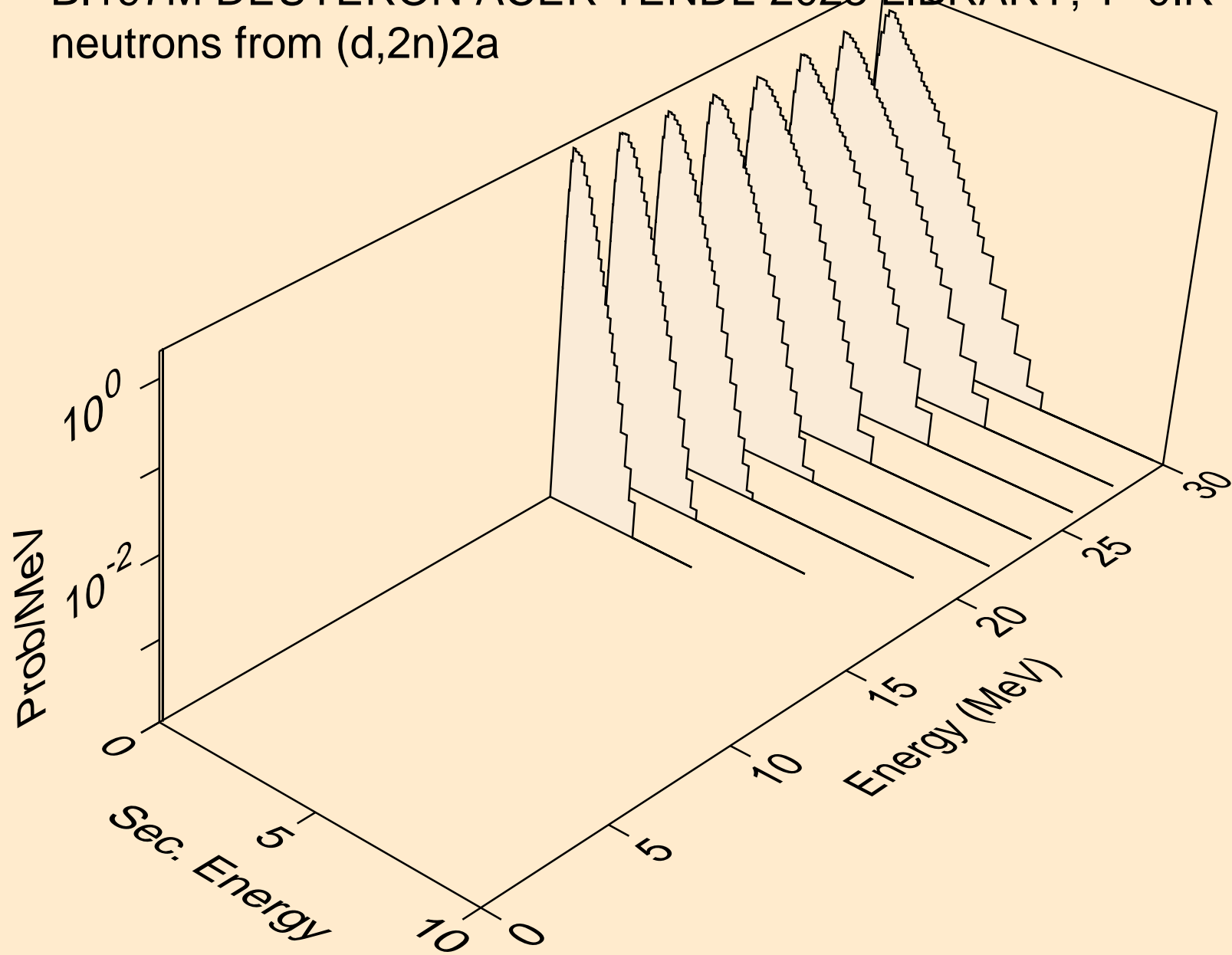
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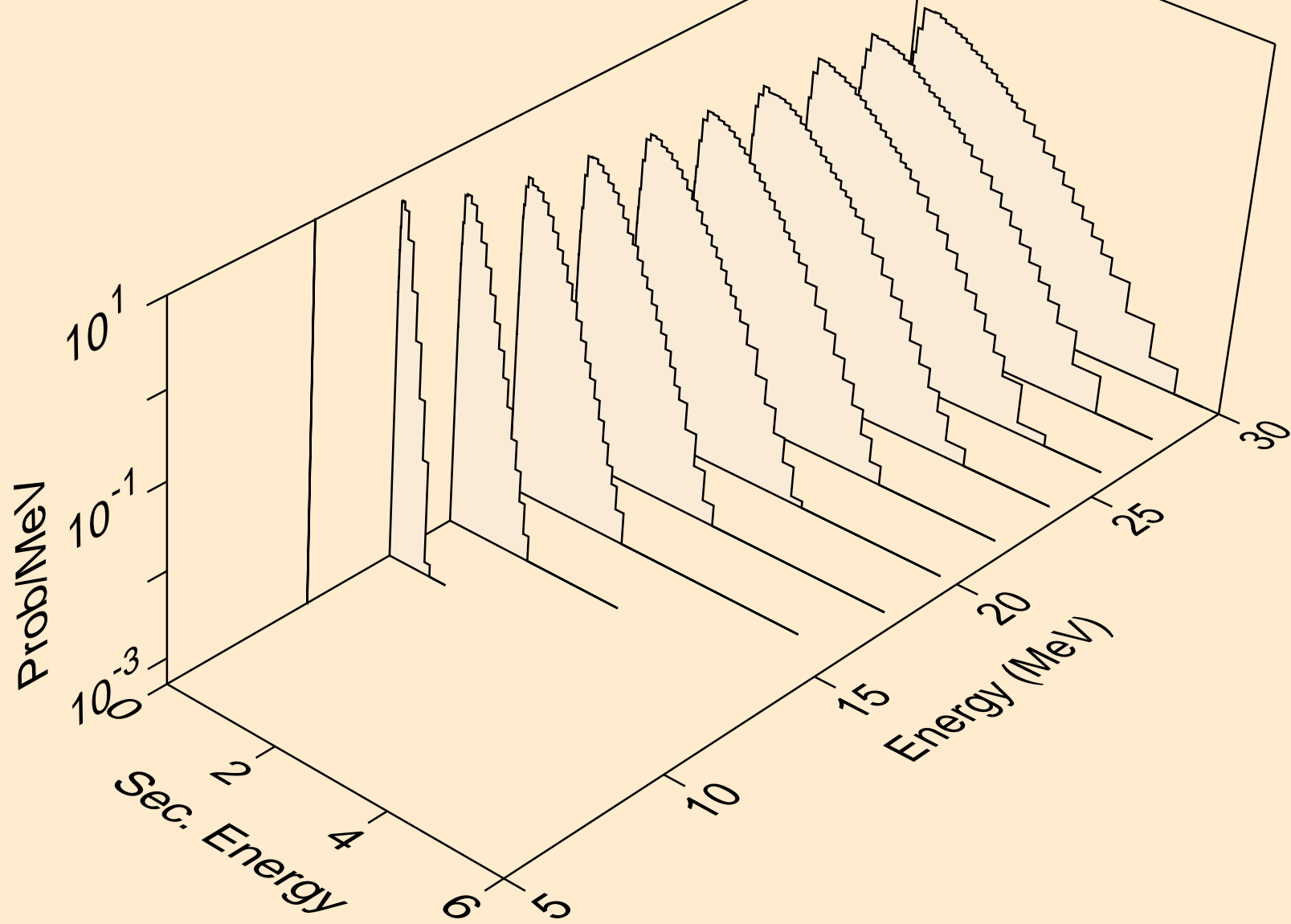
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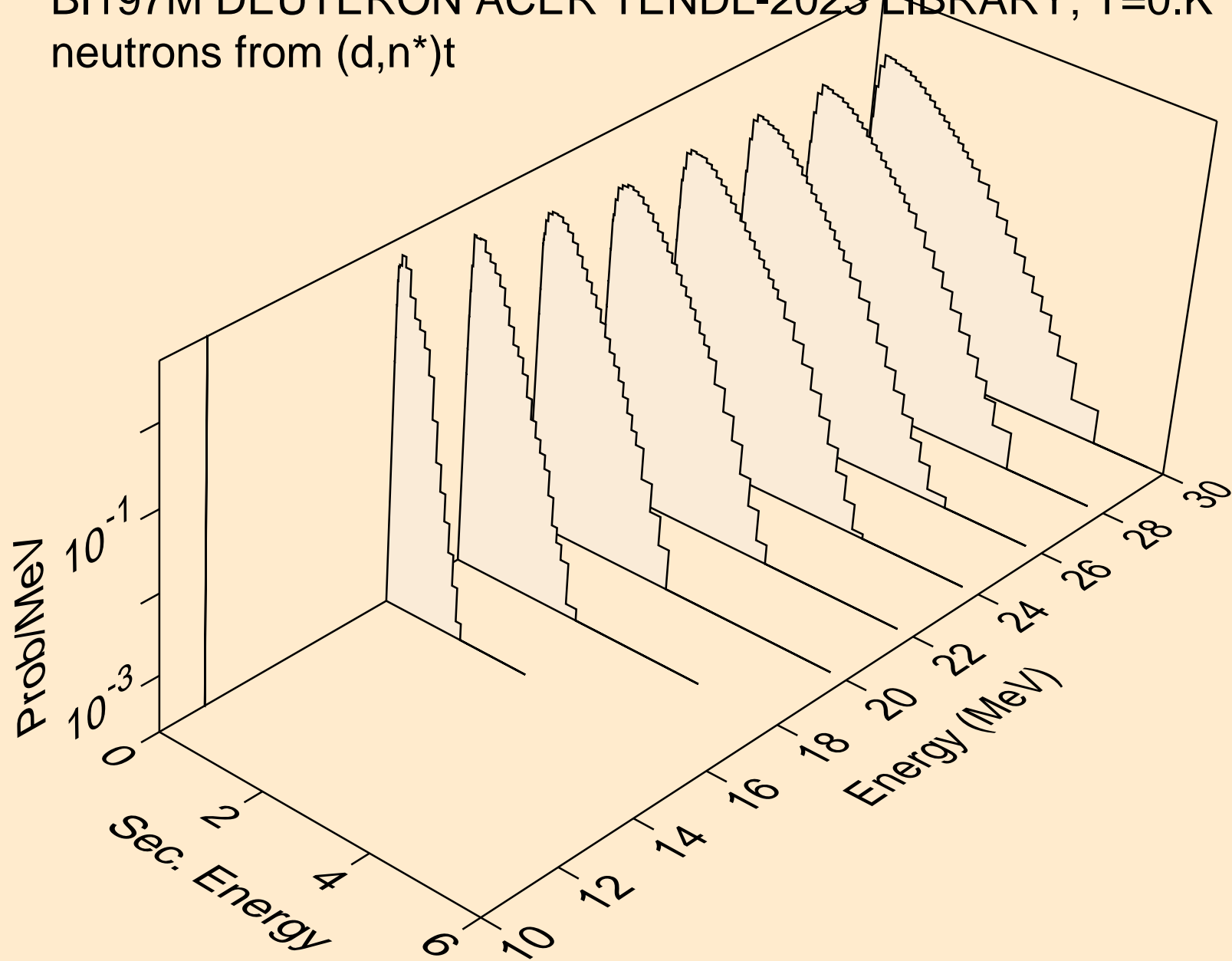
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neutrons from (d,2n)2a



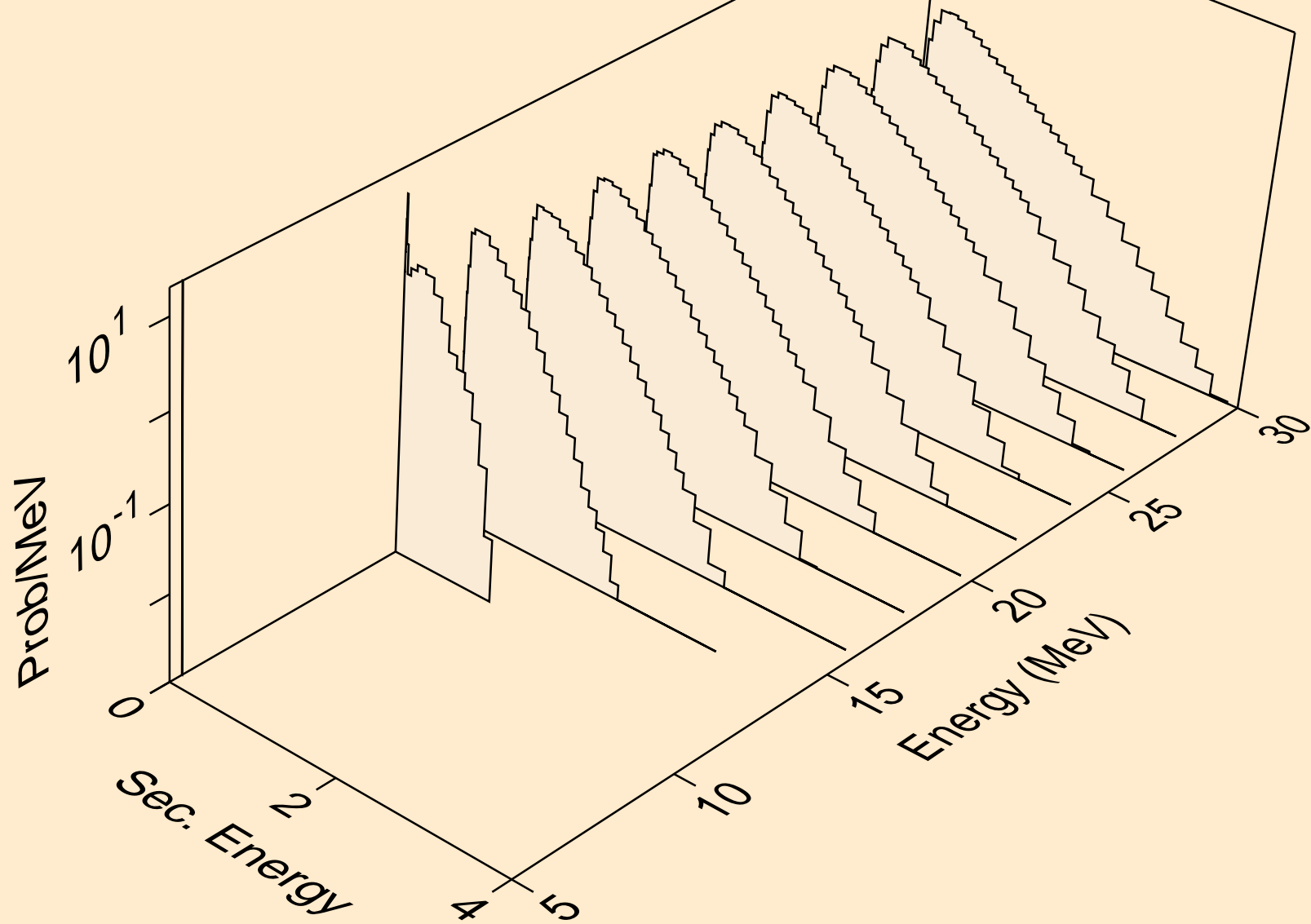
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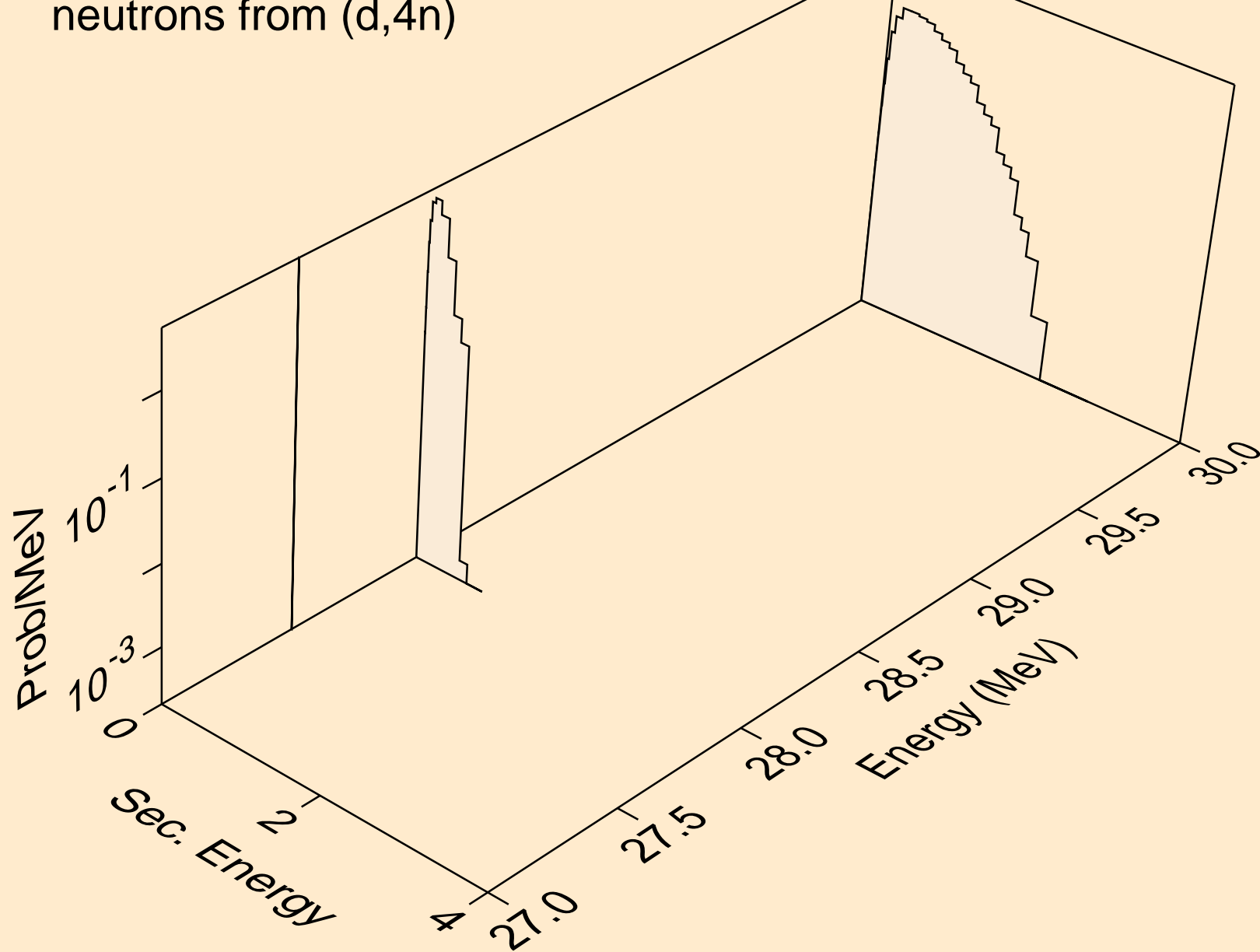
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BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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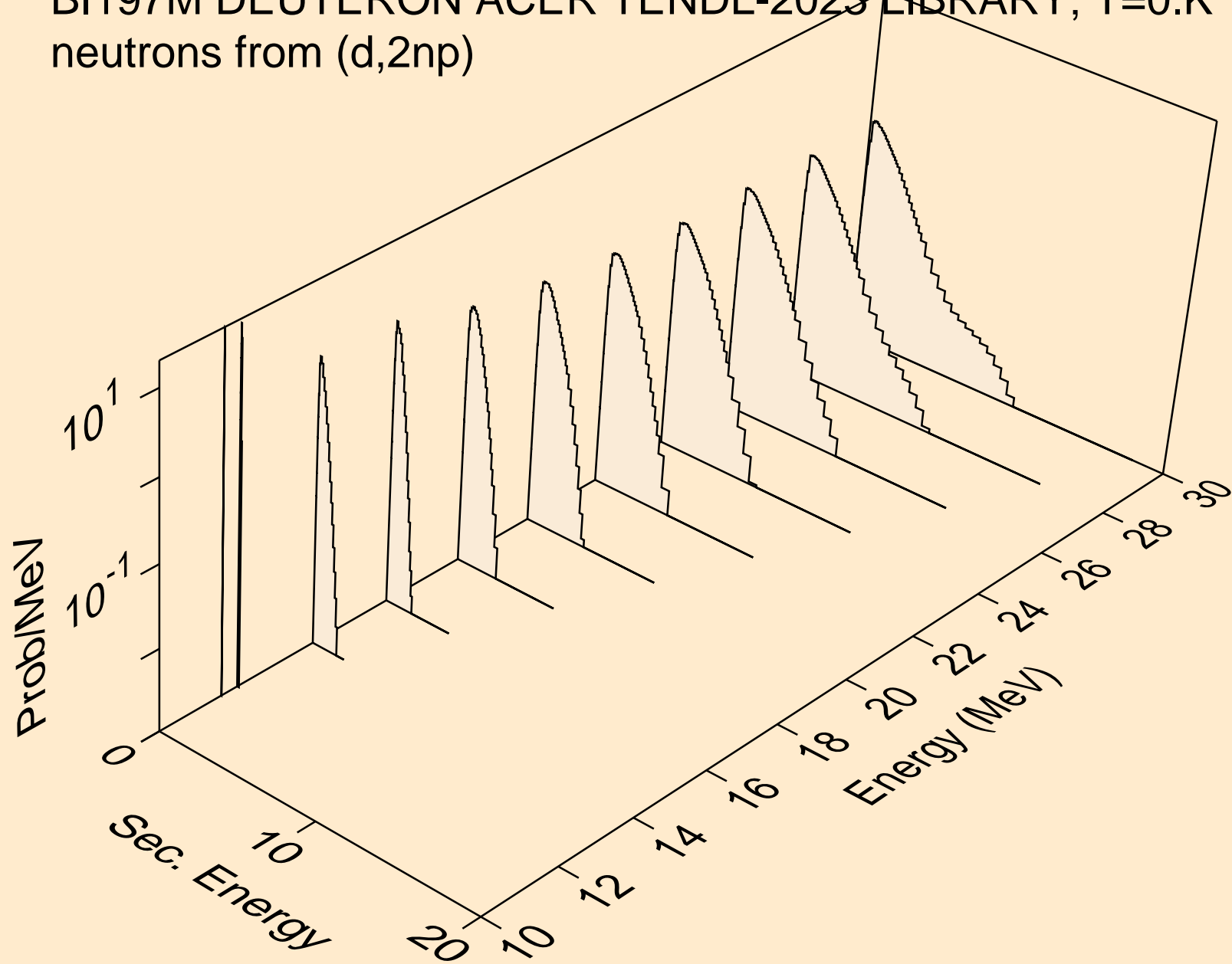


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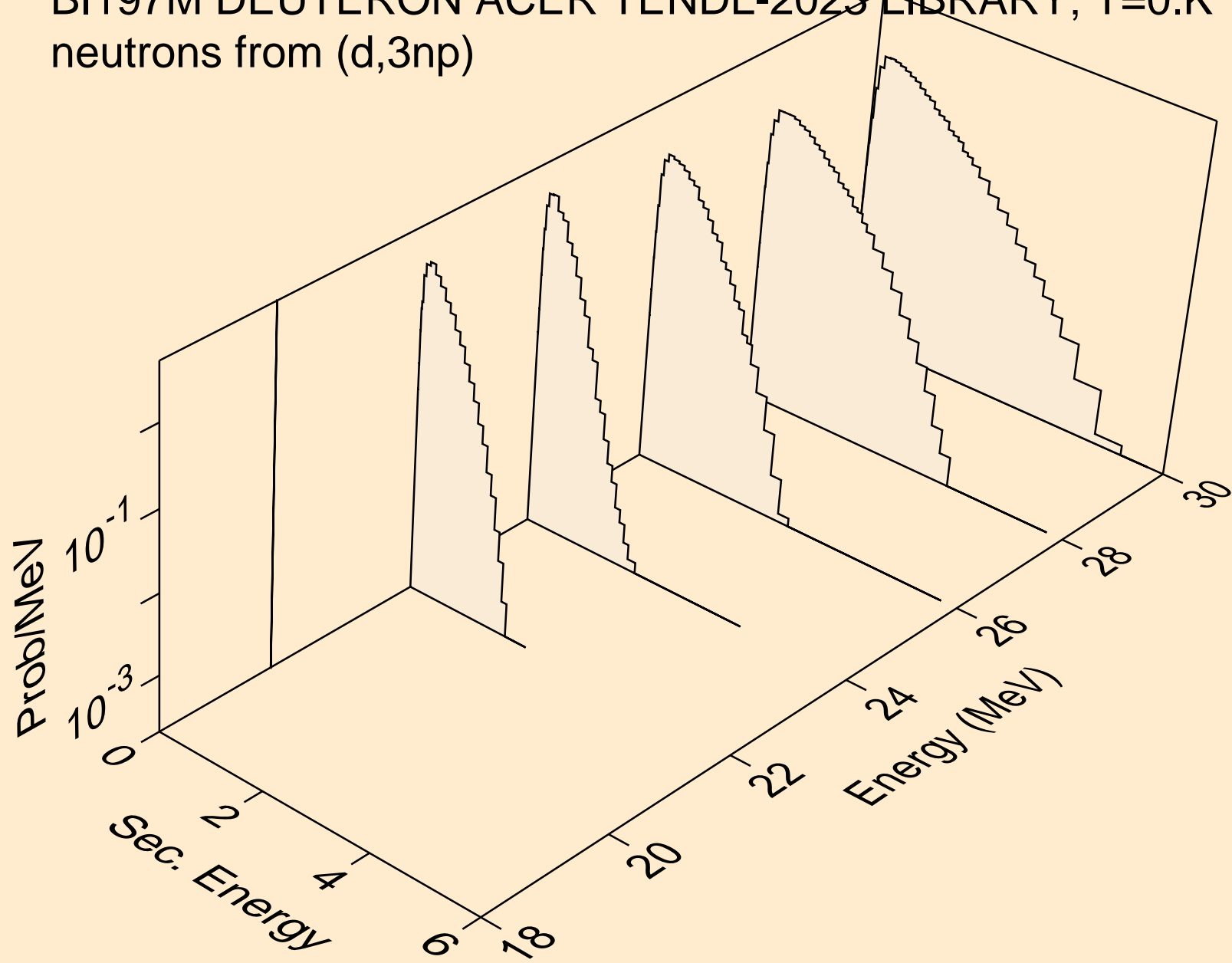




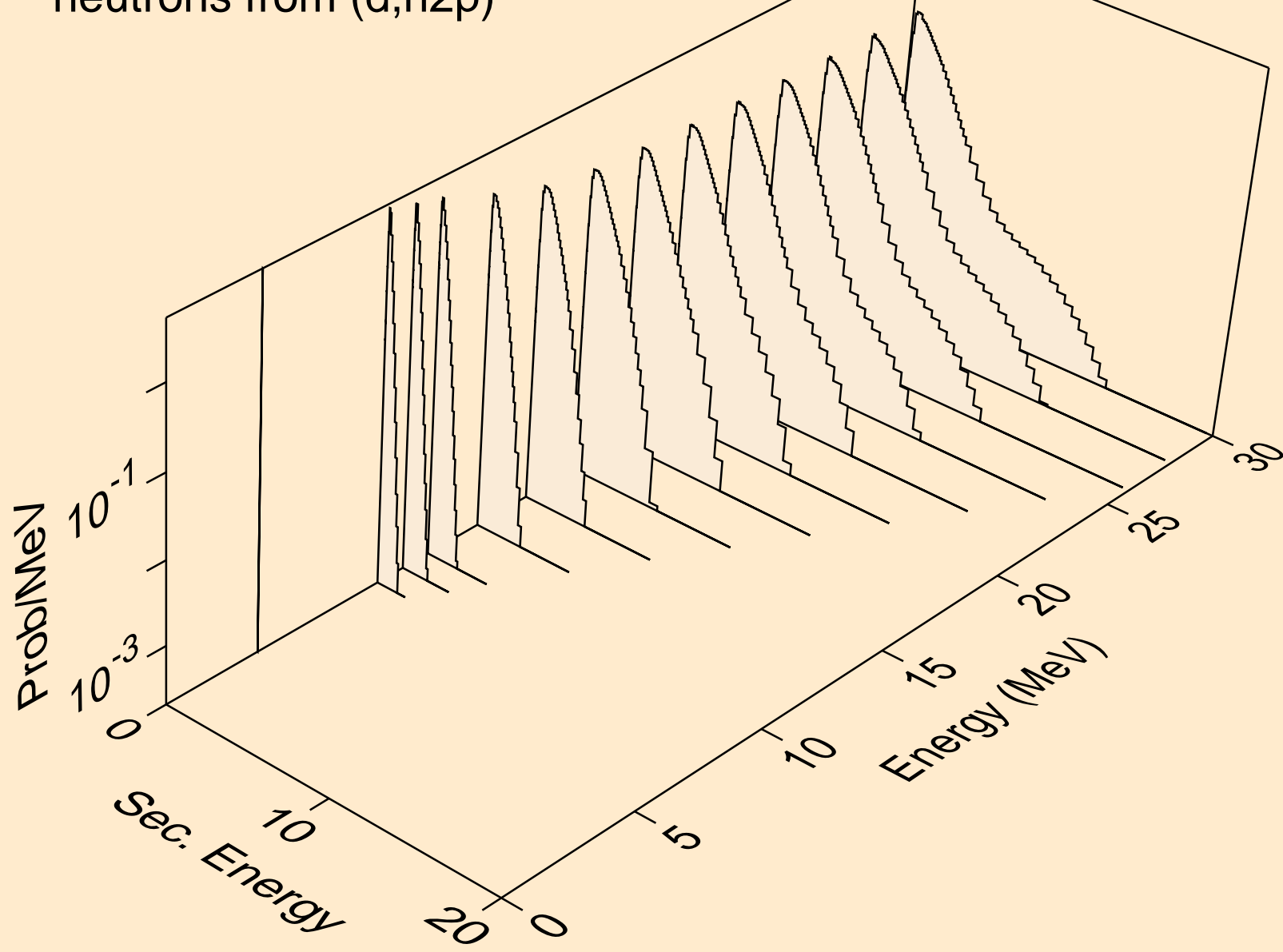
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neutrons from (d,2np)



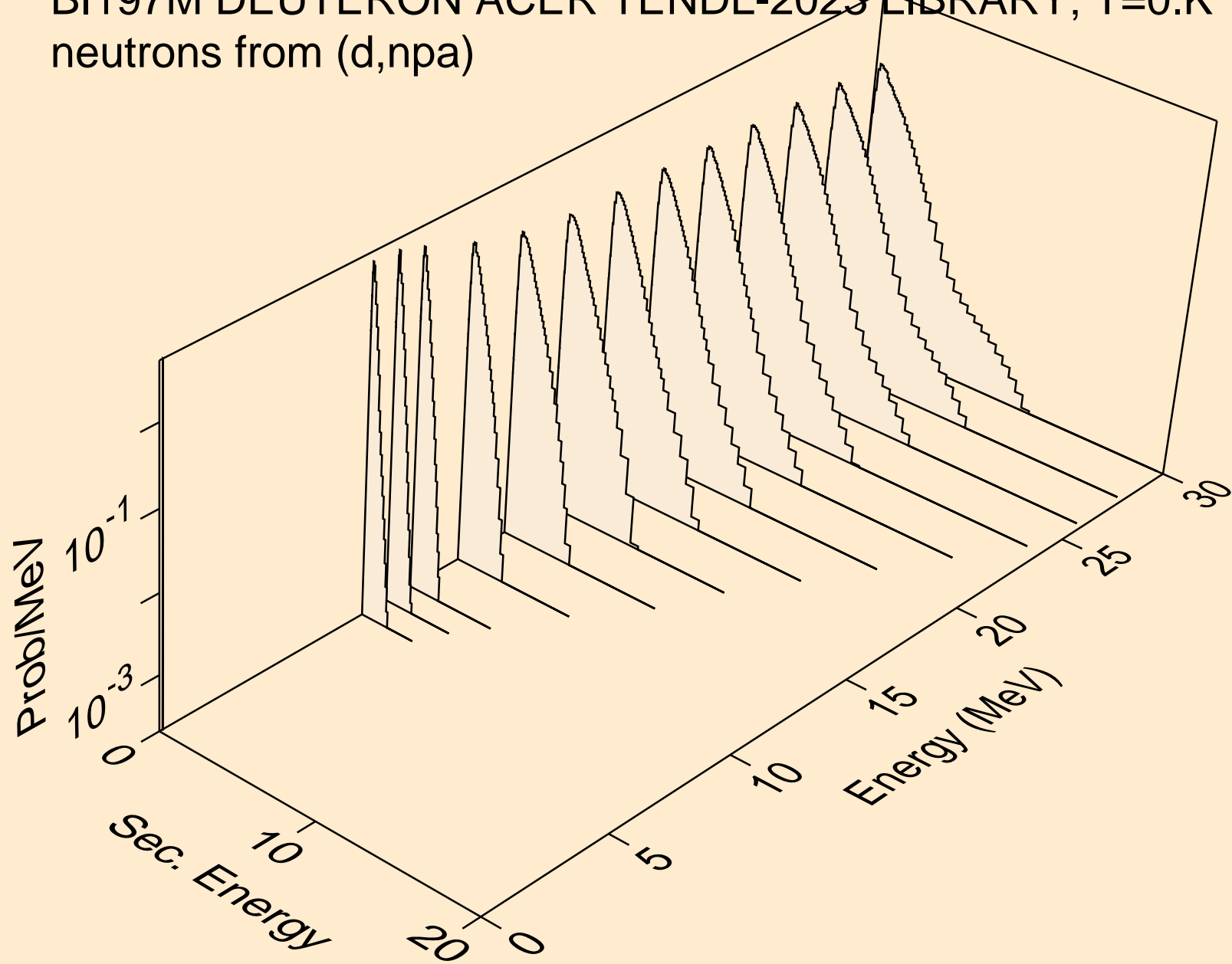
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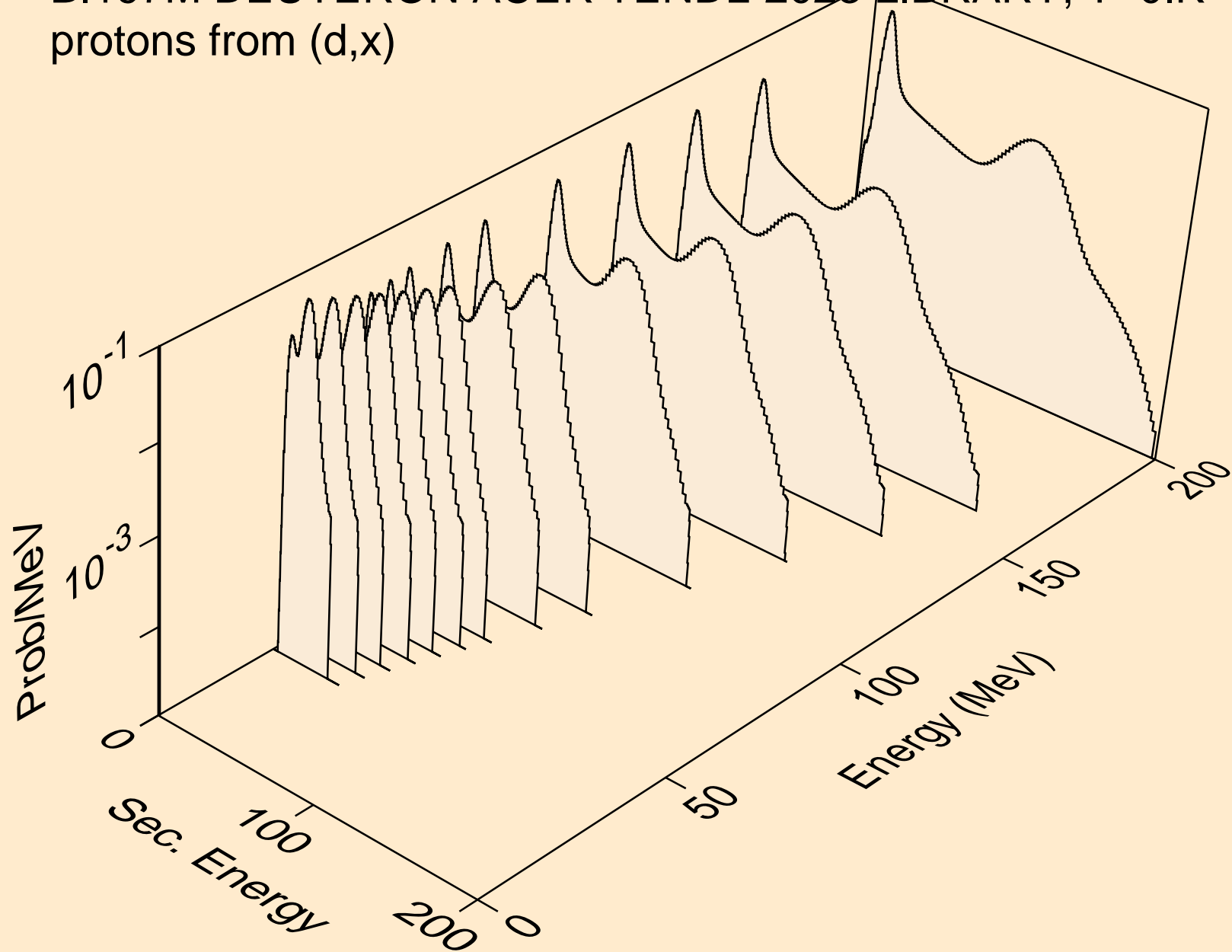
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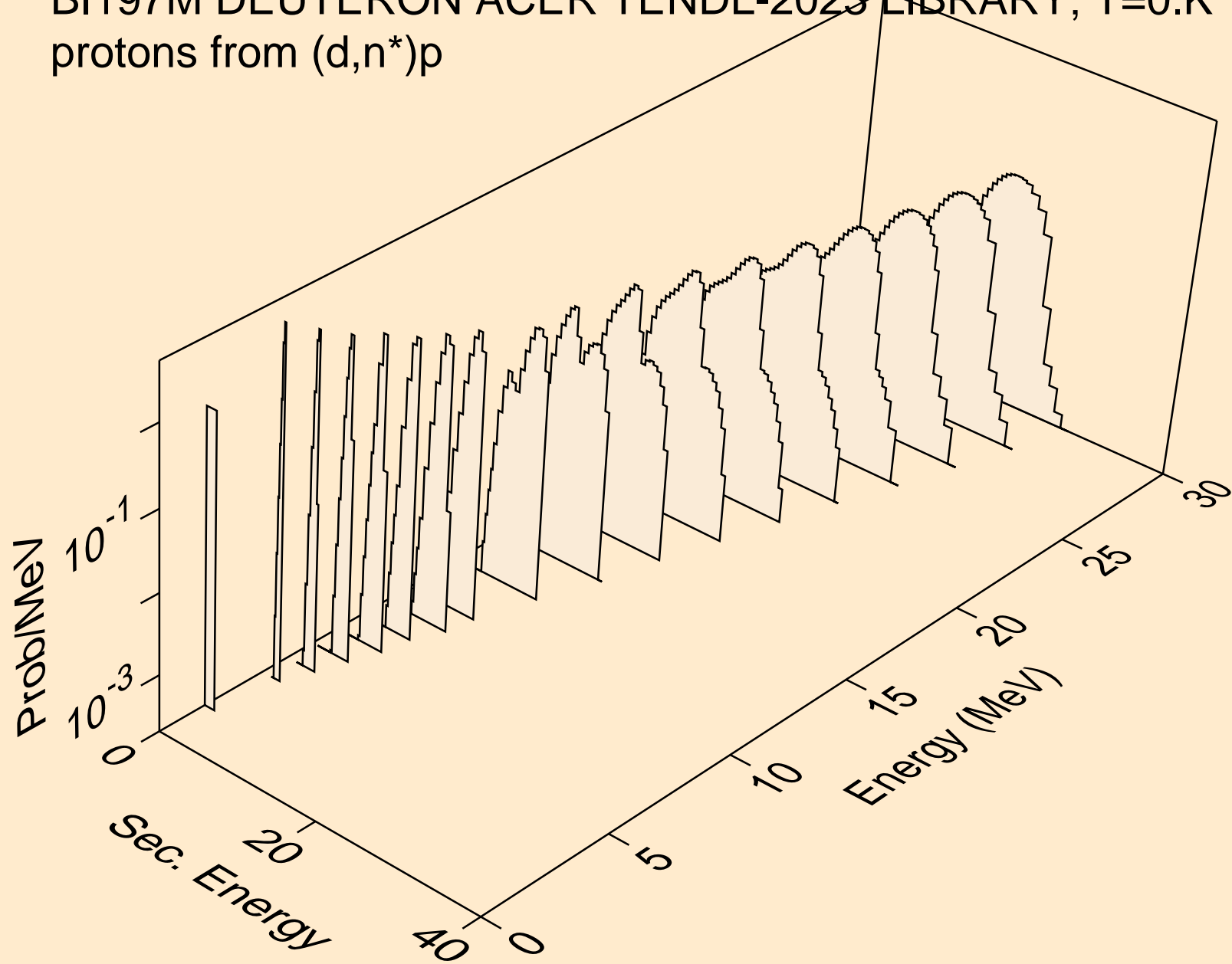
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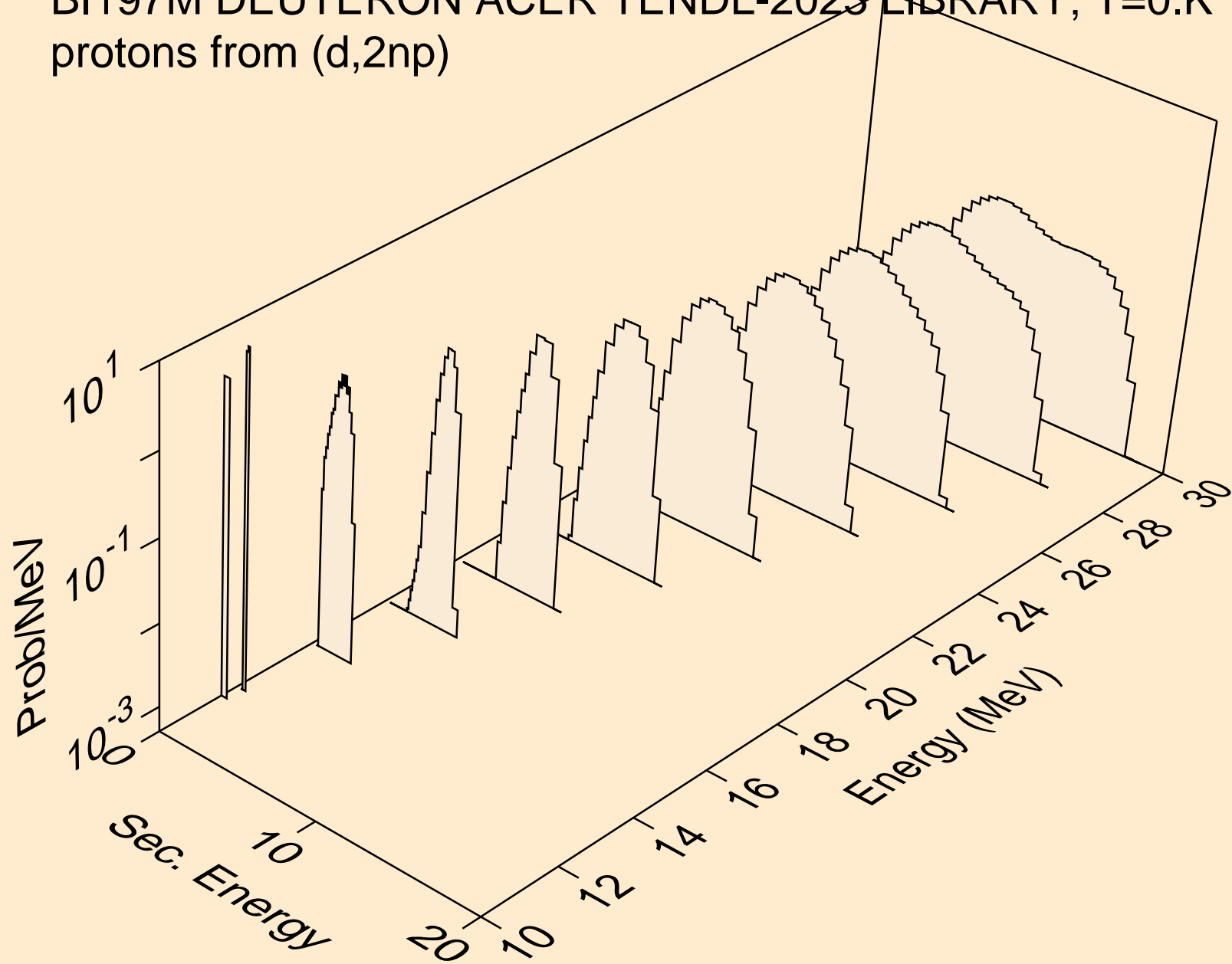
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protons from (d,x)



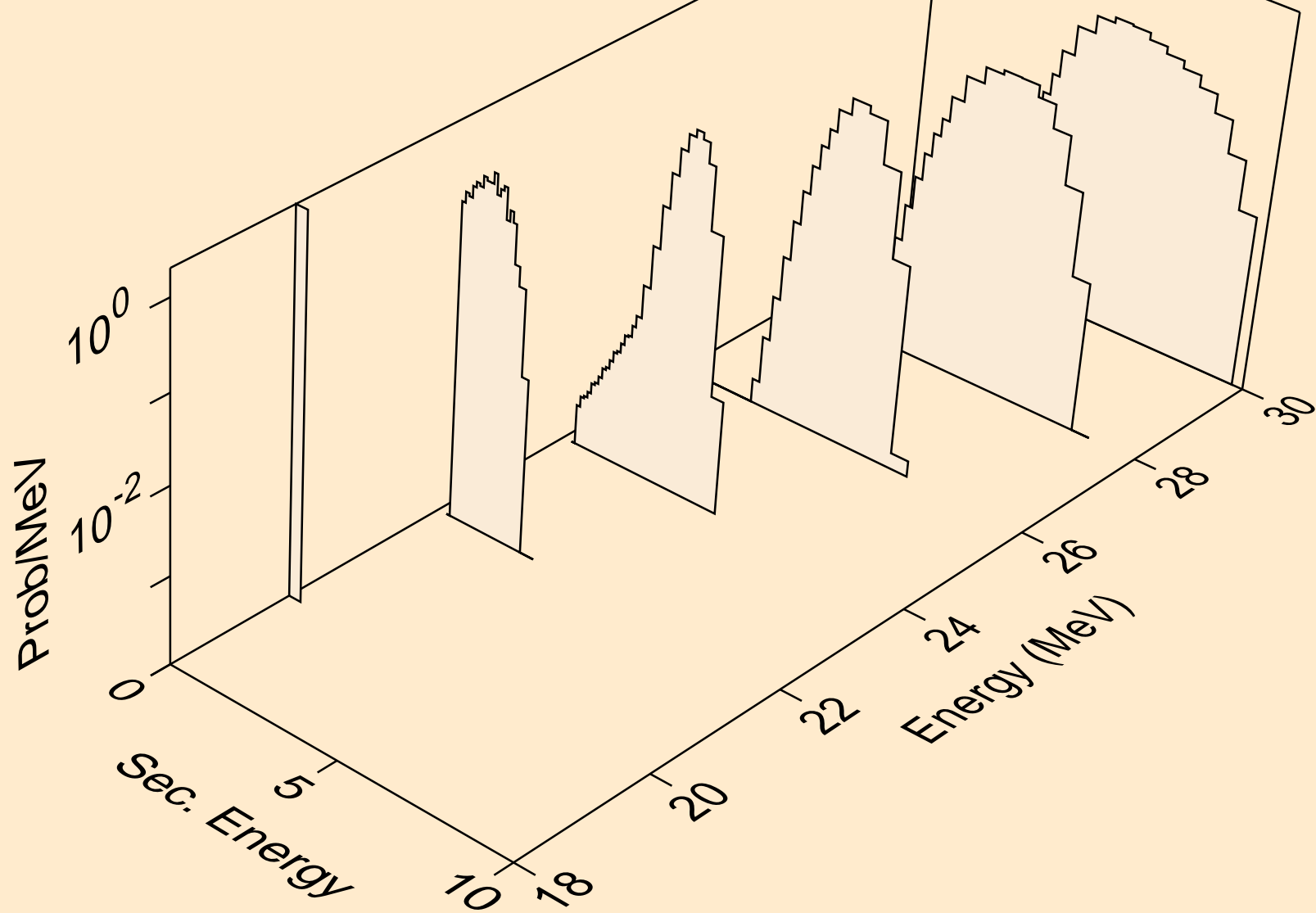
BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n\*)p



BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,2np)

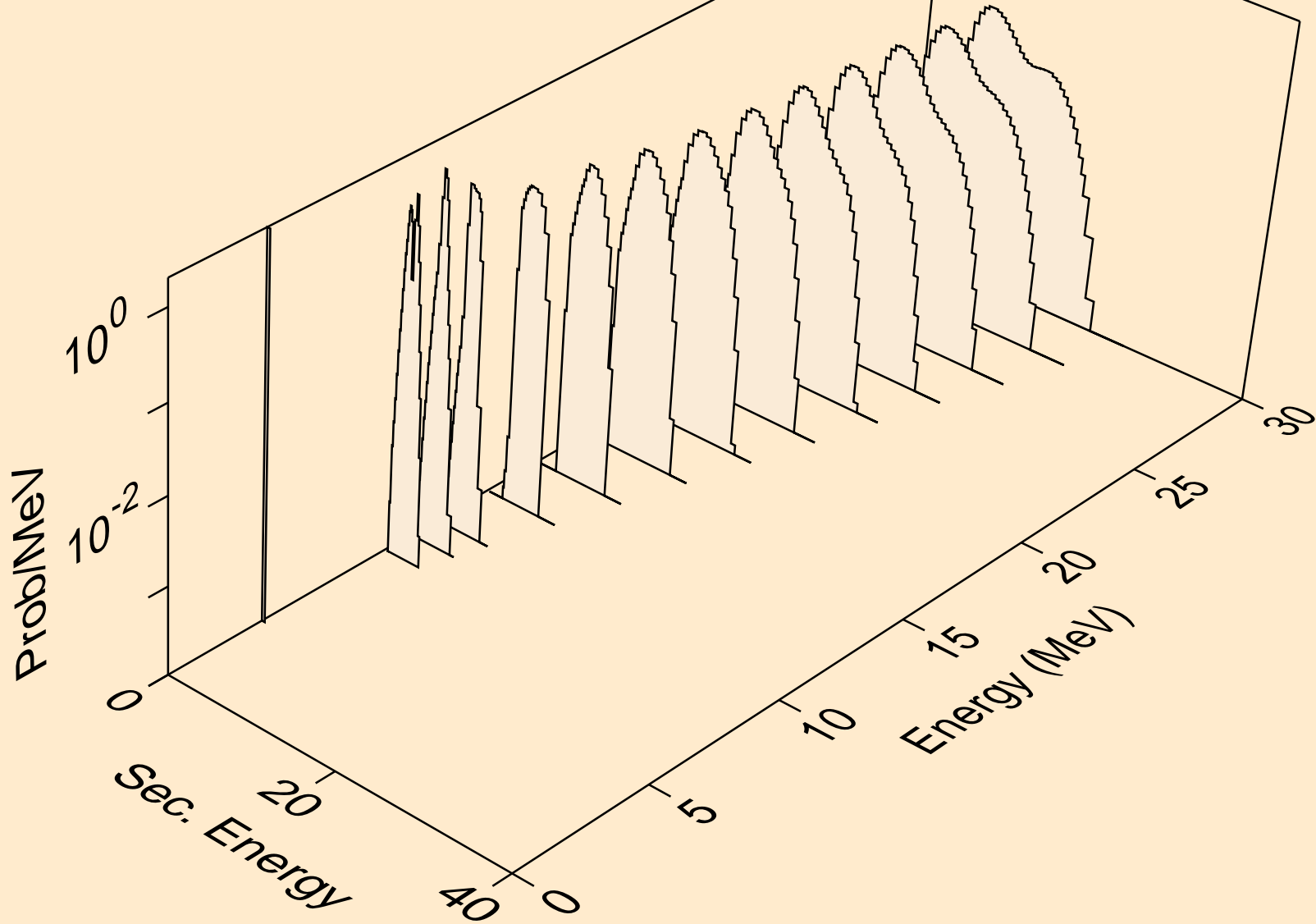


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protons from (d,3np)

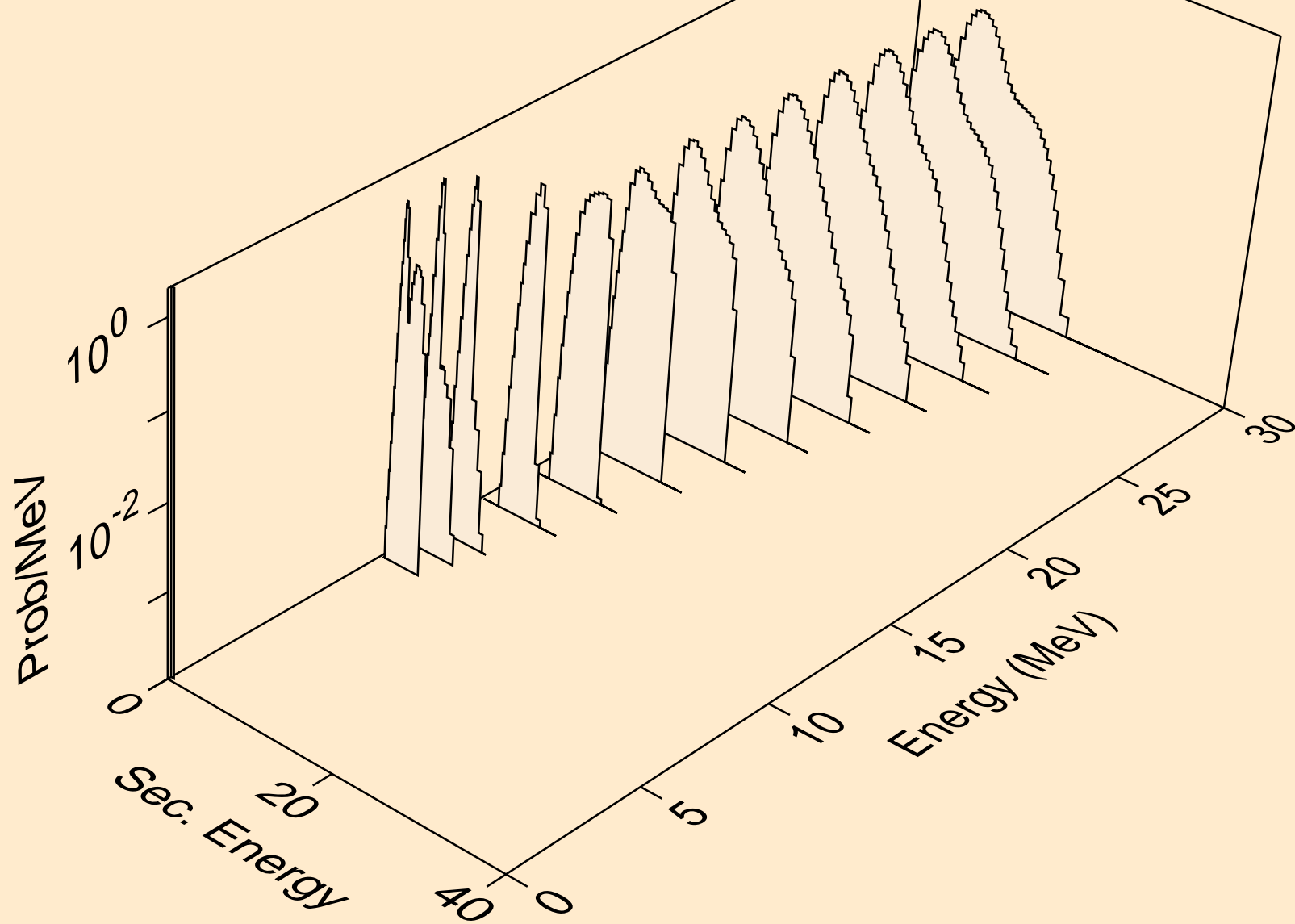




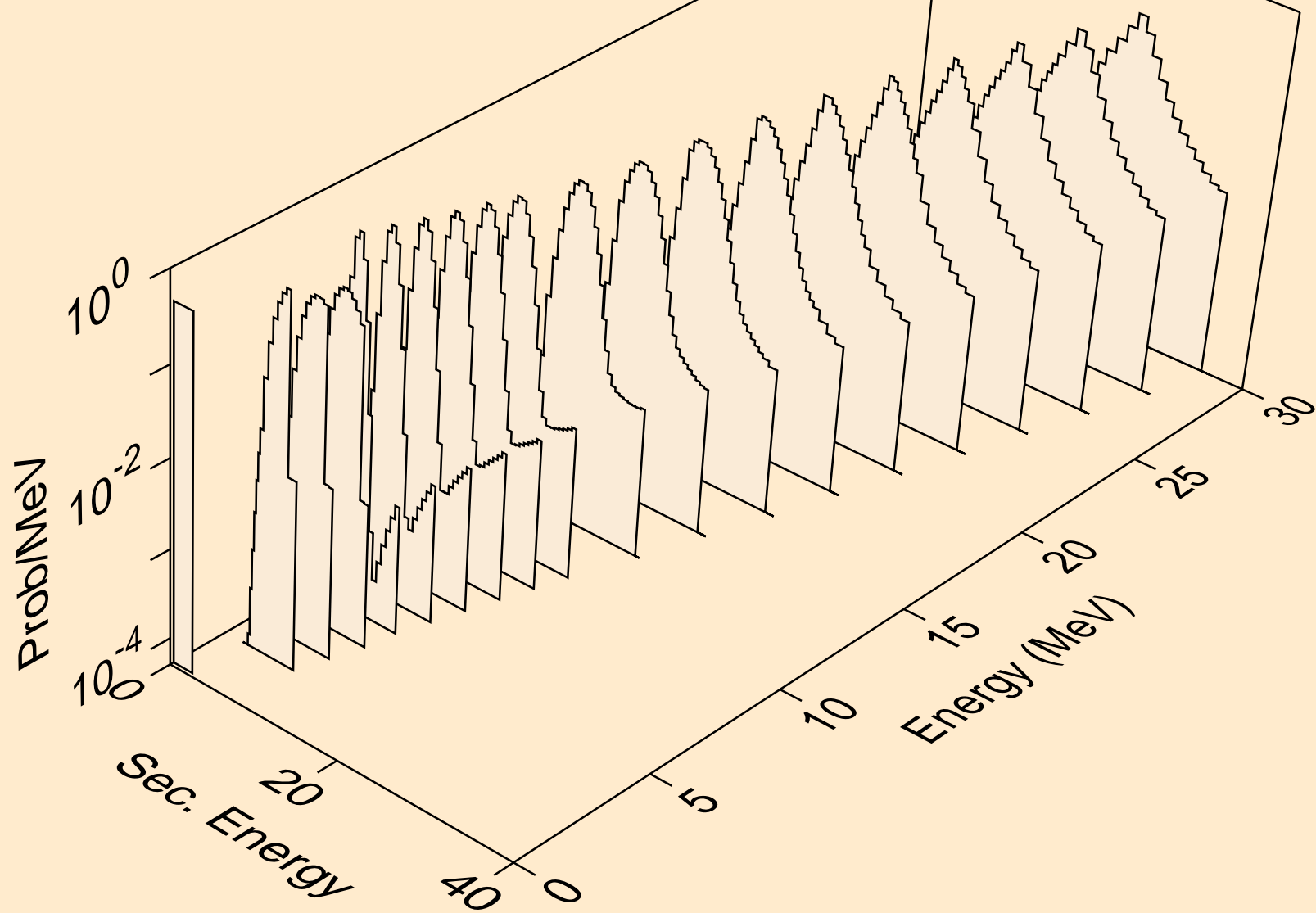
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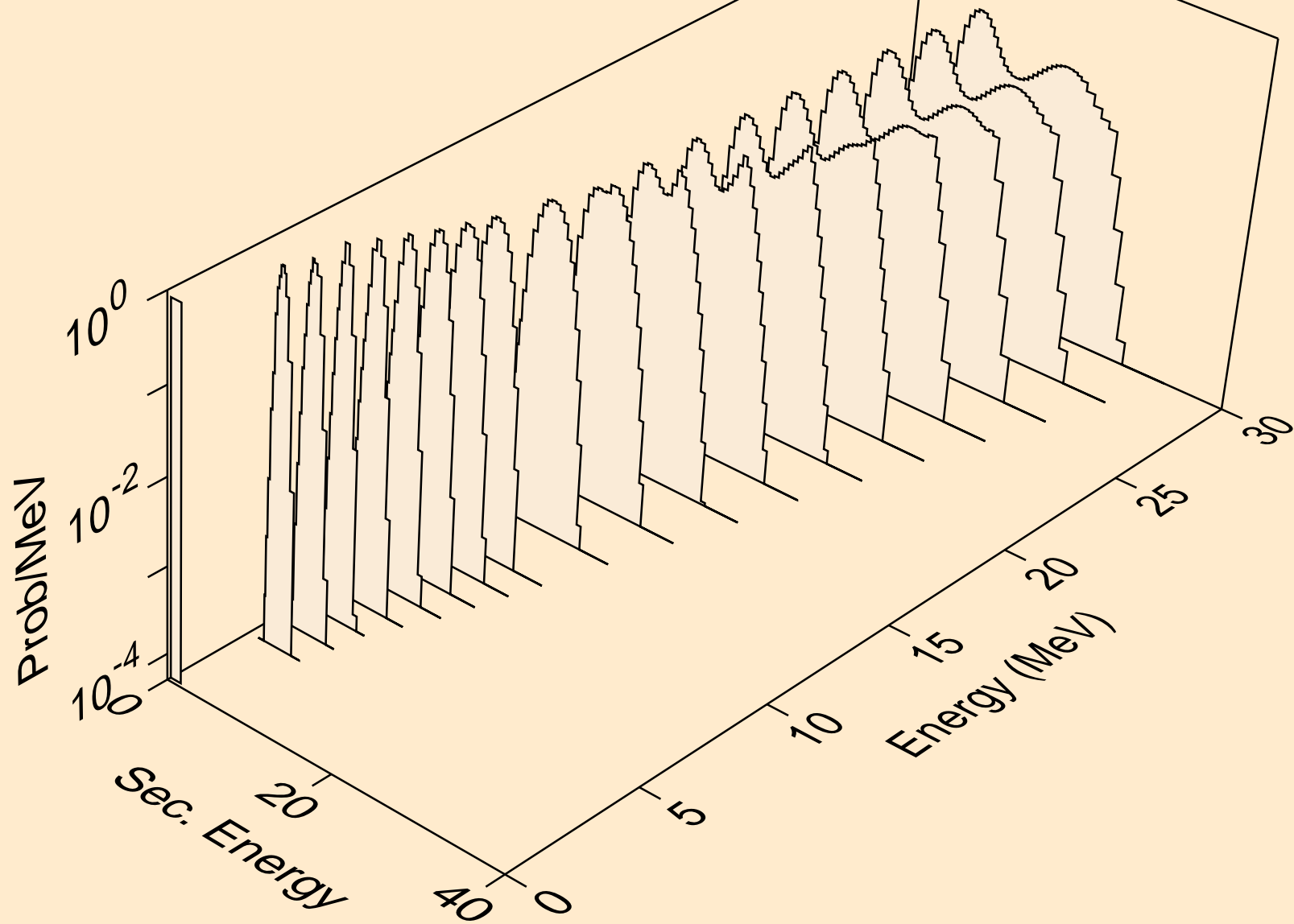
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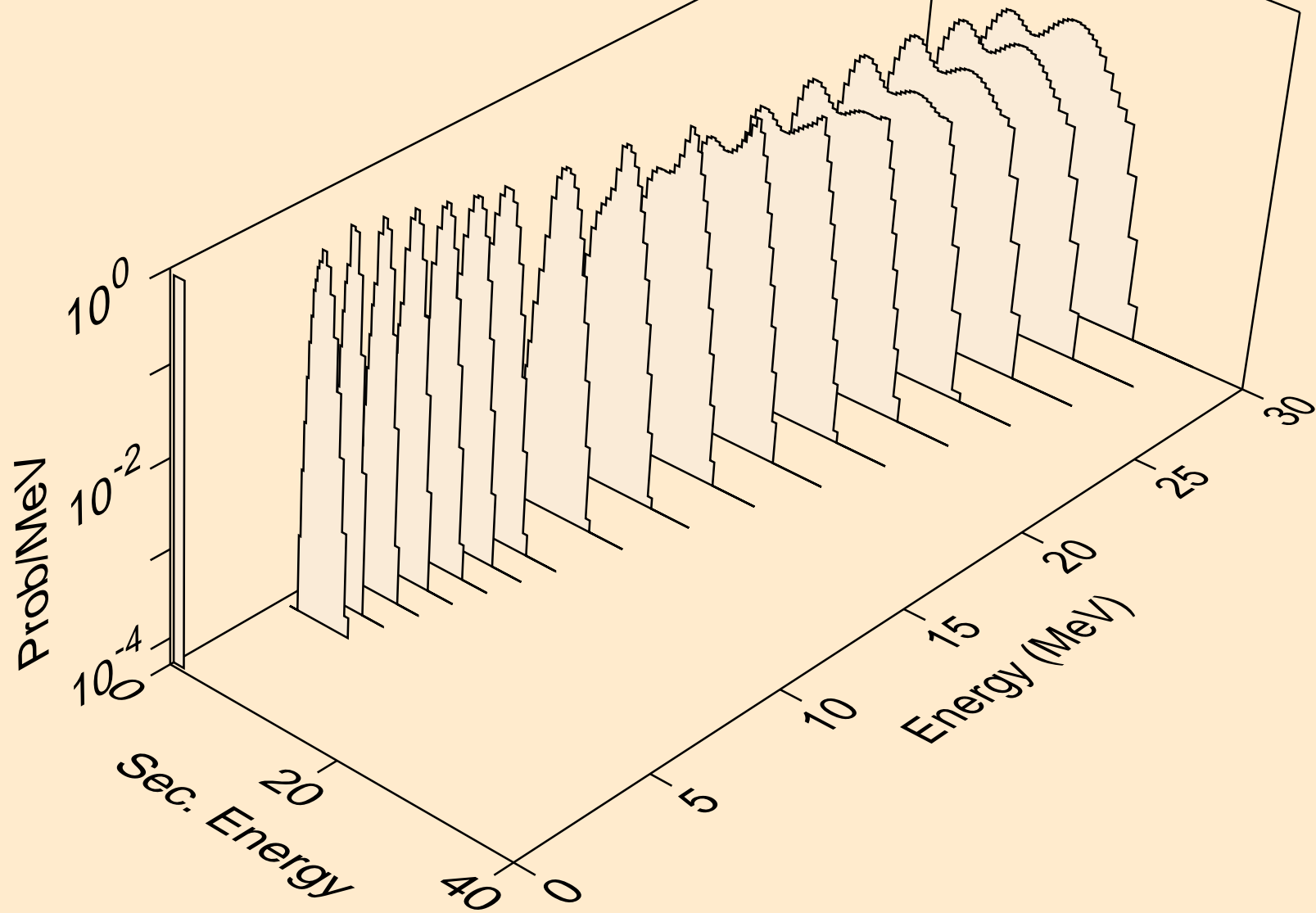
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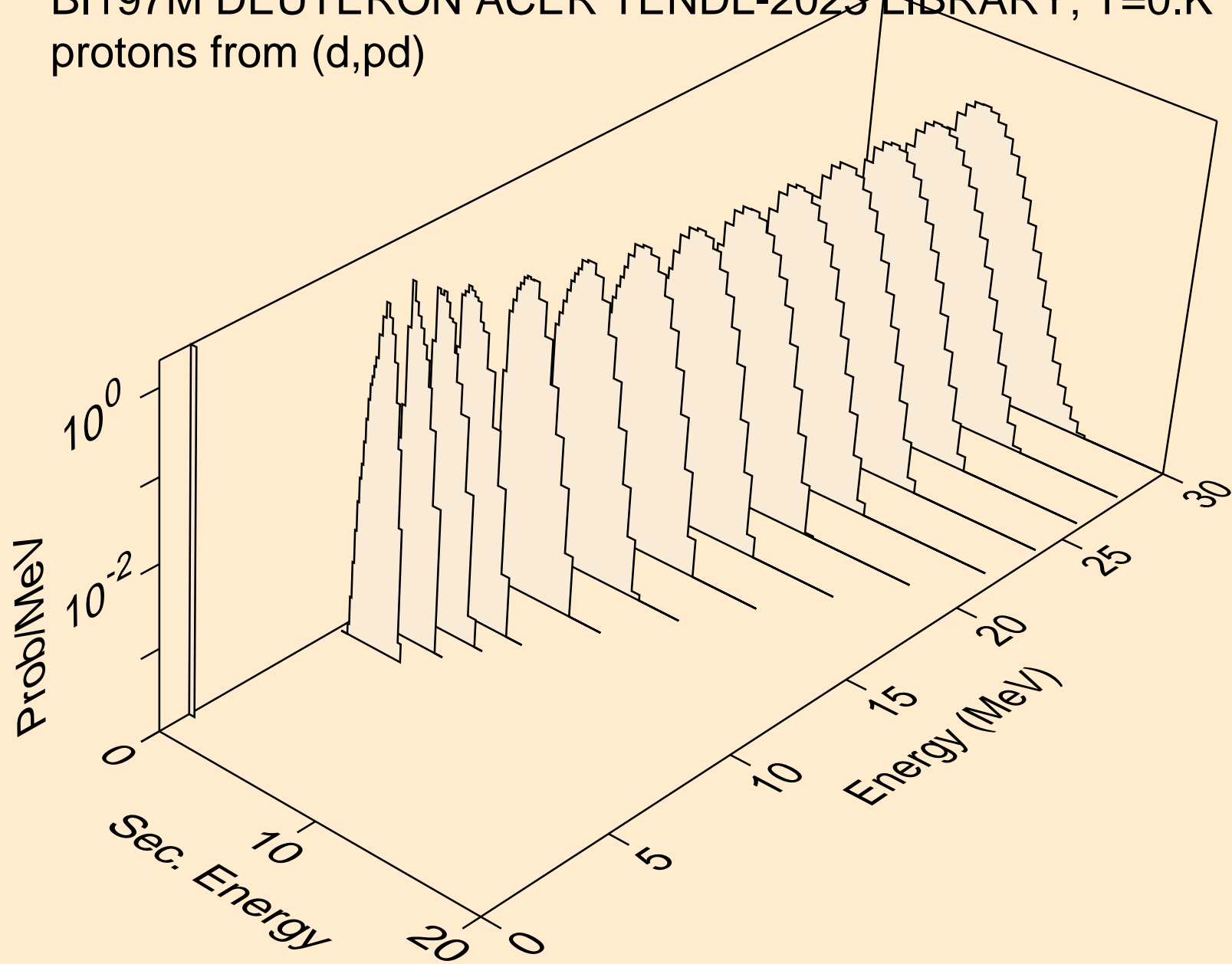
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protons from (d,2p)



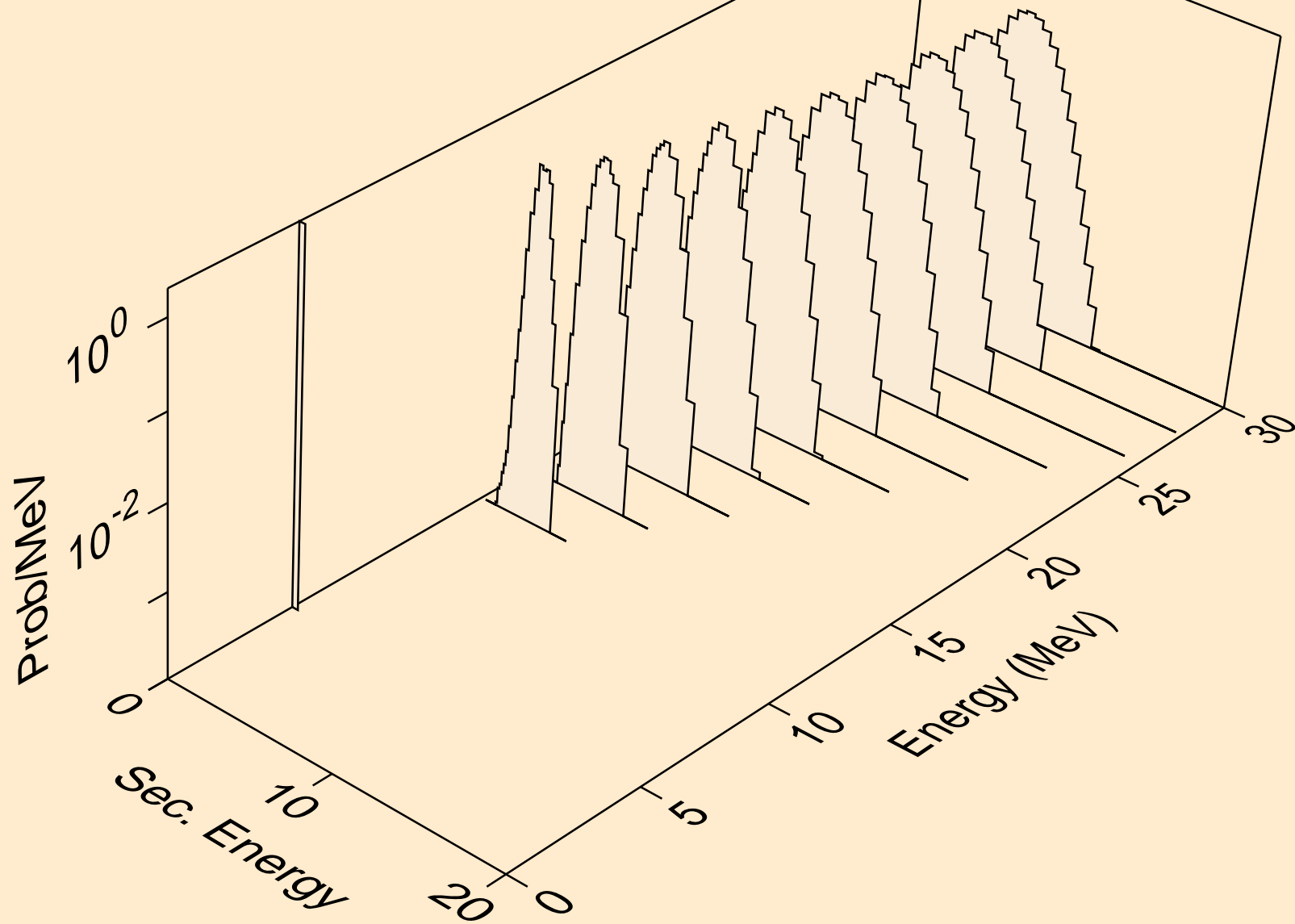
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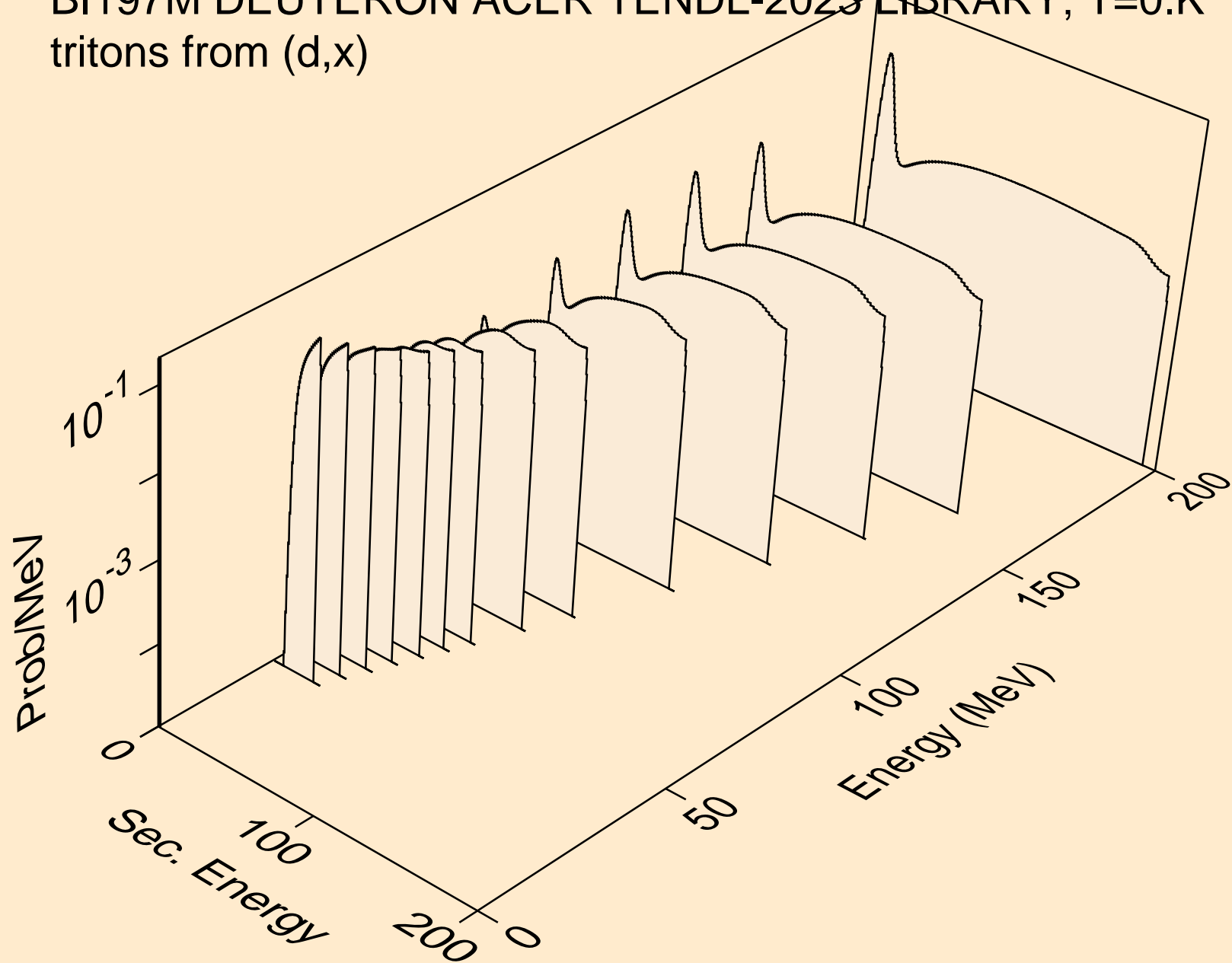
BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pd)



BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pt)

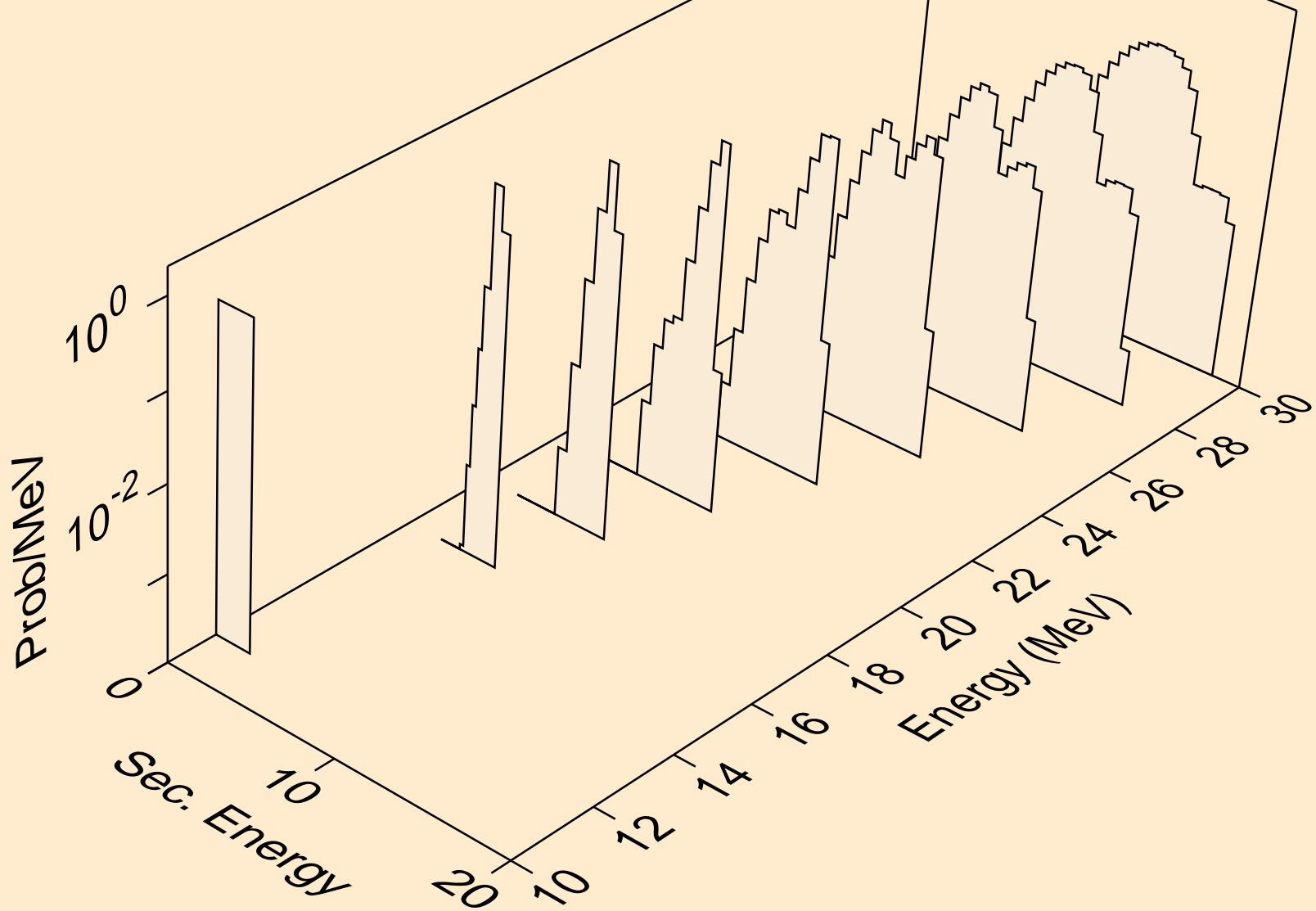


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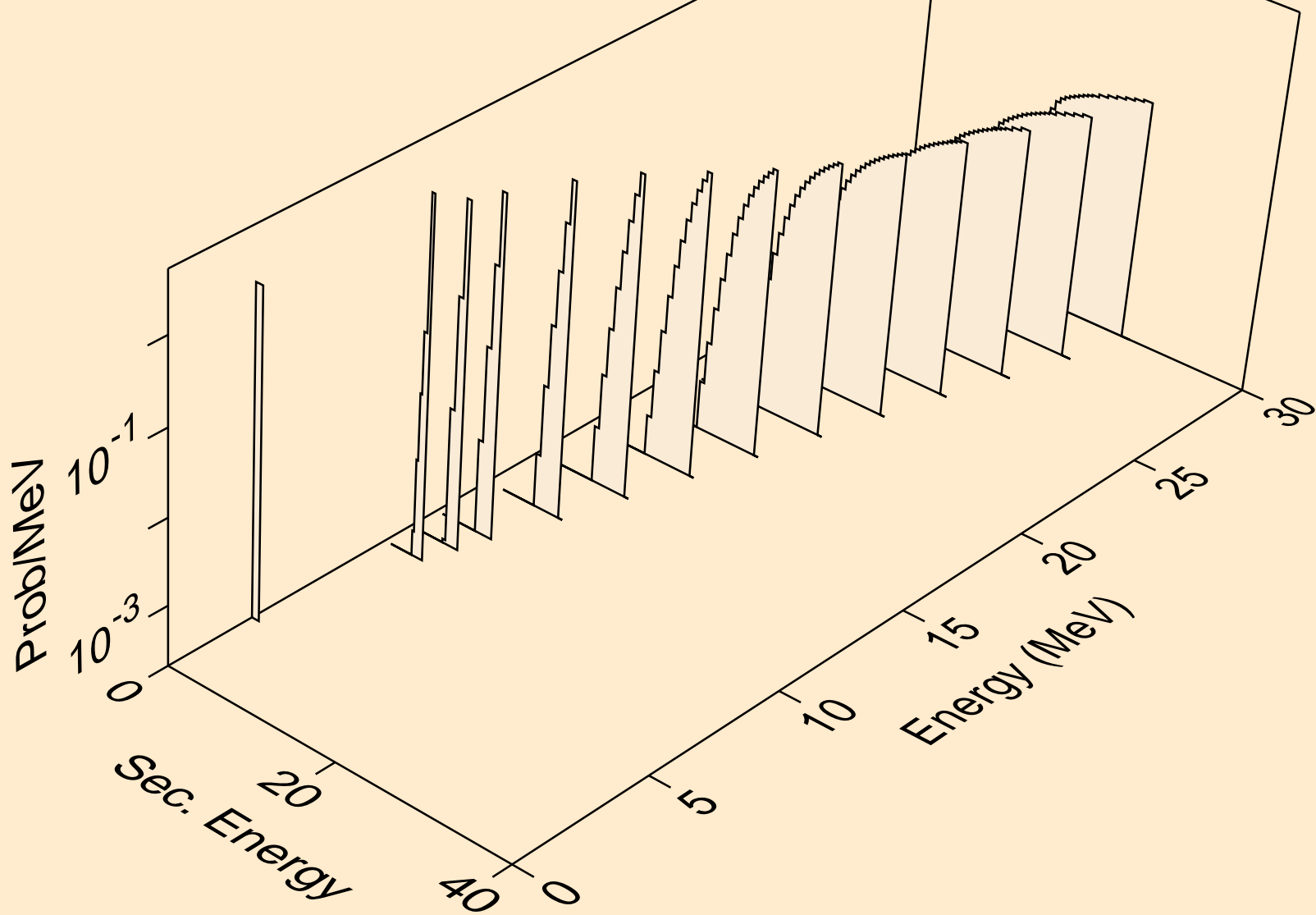




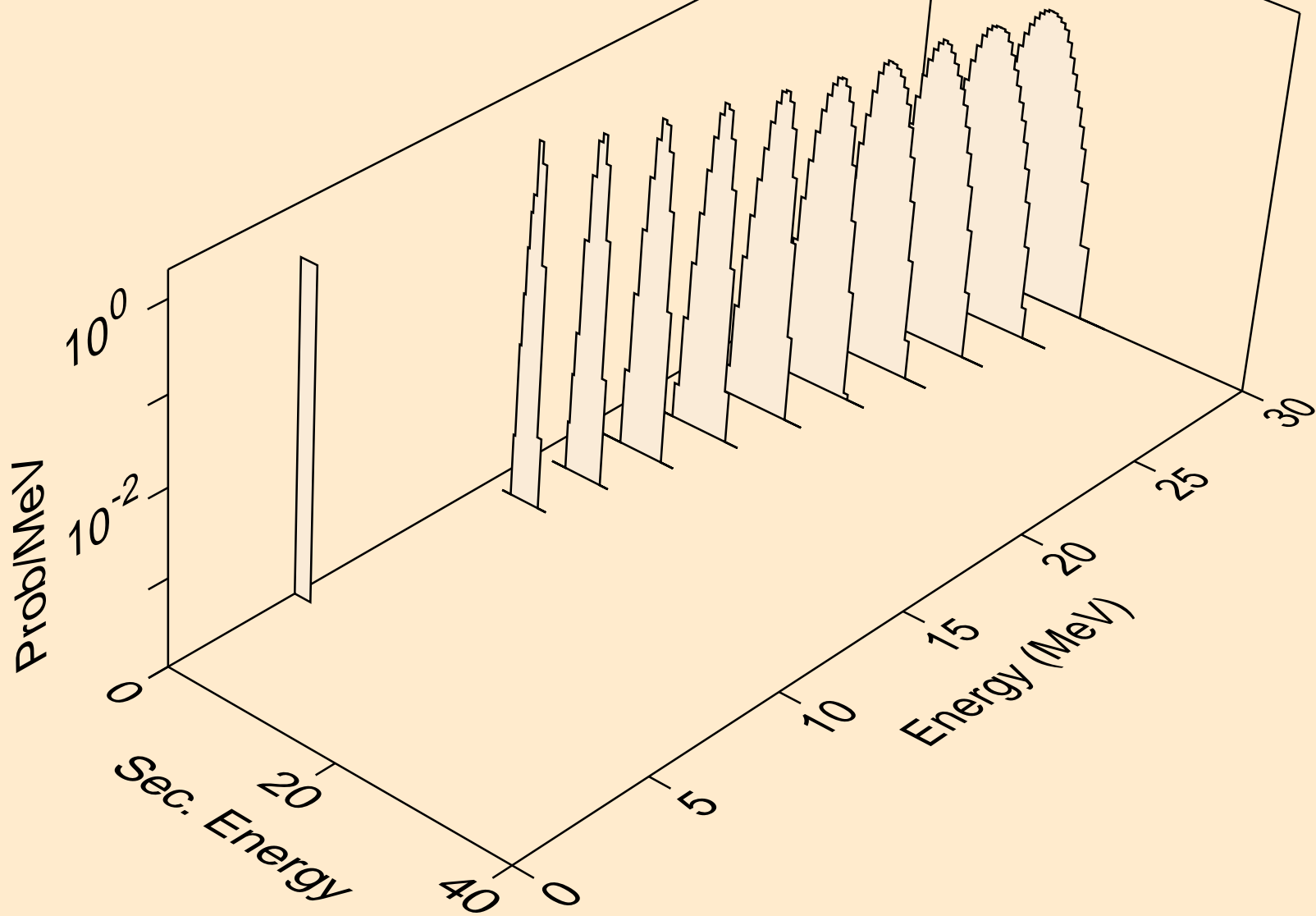
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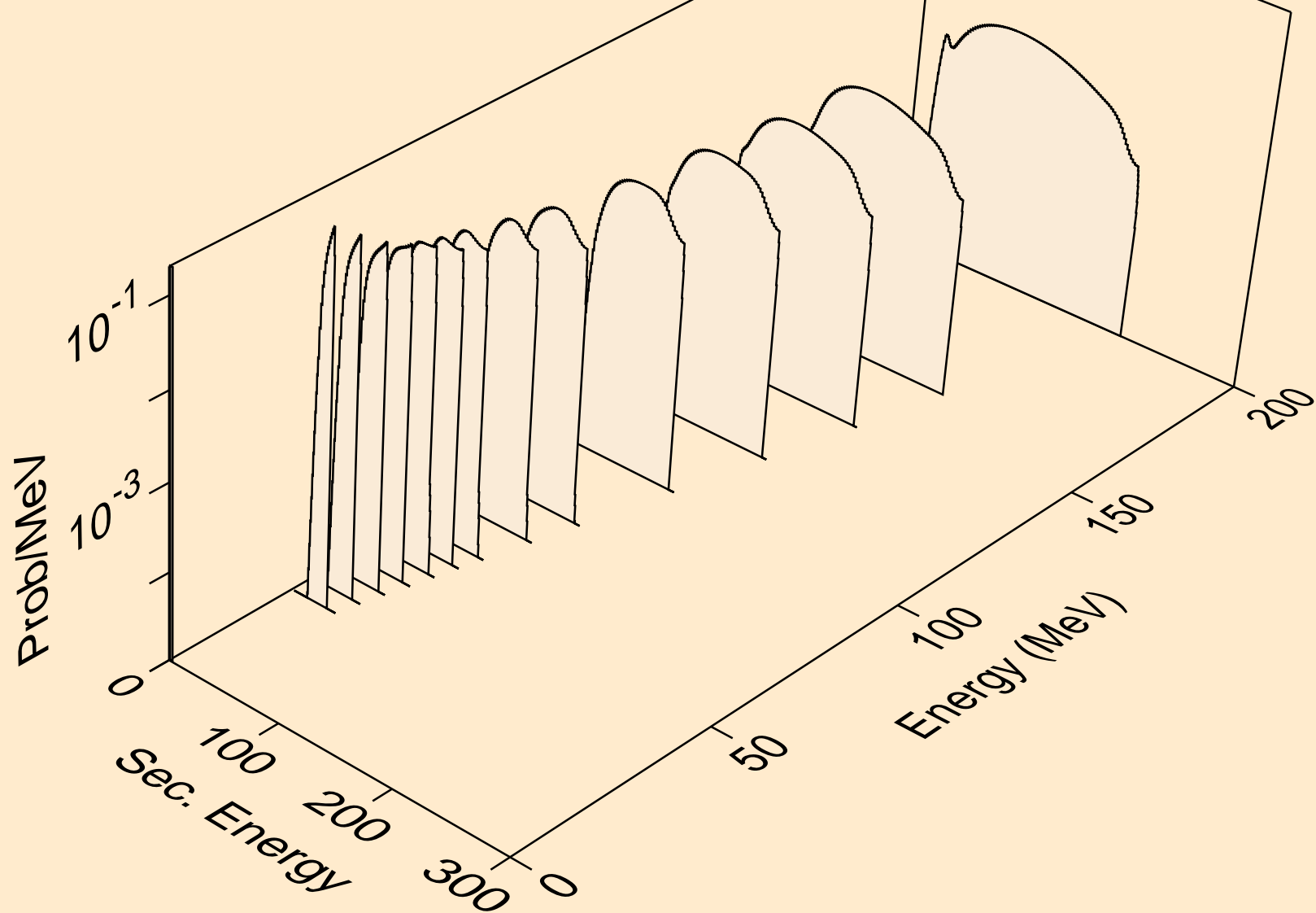
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tritons from (d,t)



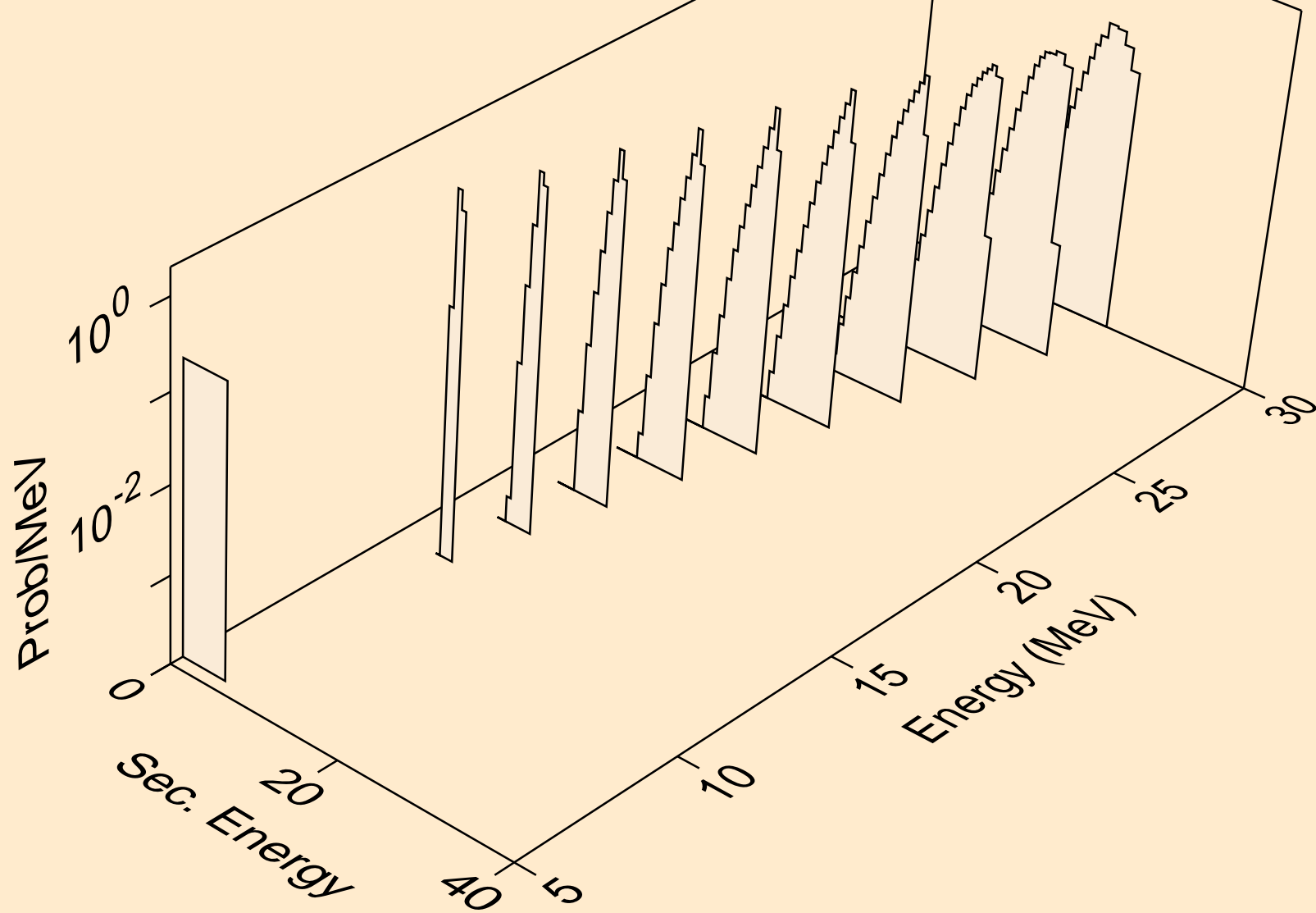
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tritons from (d,pt)



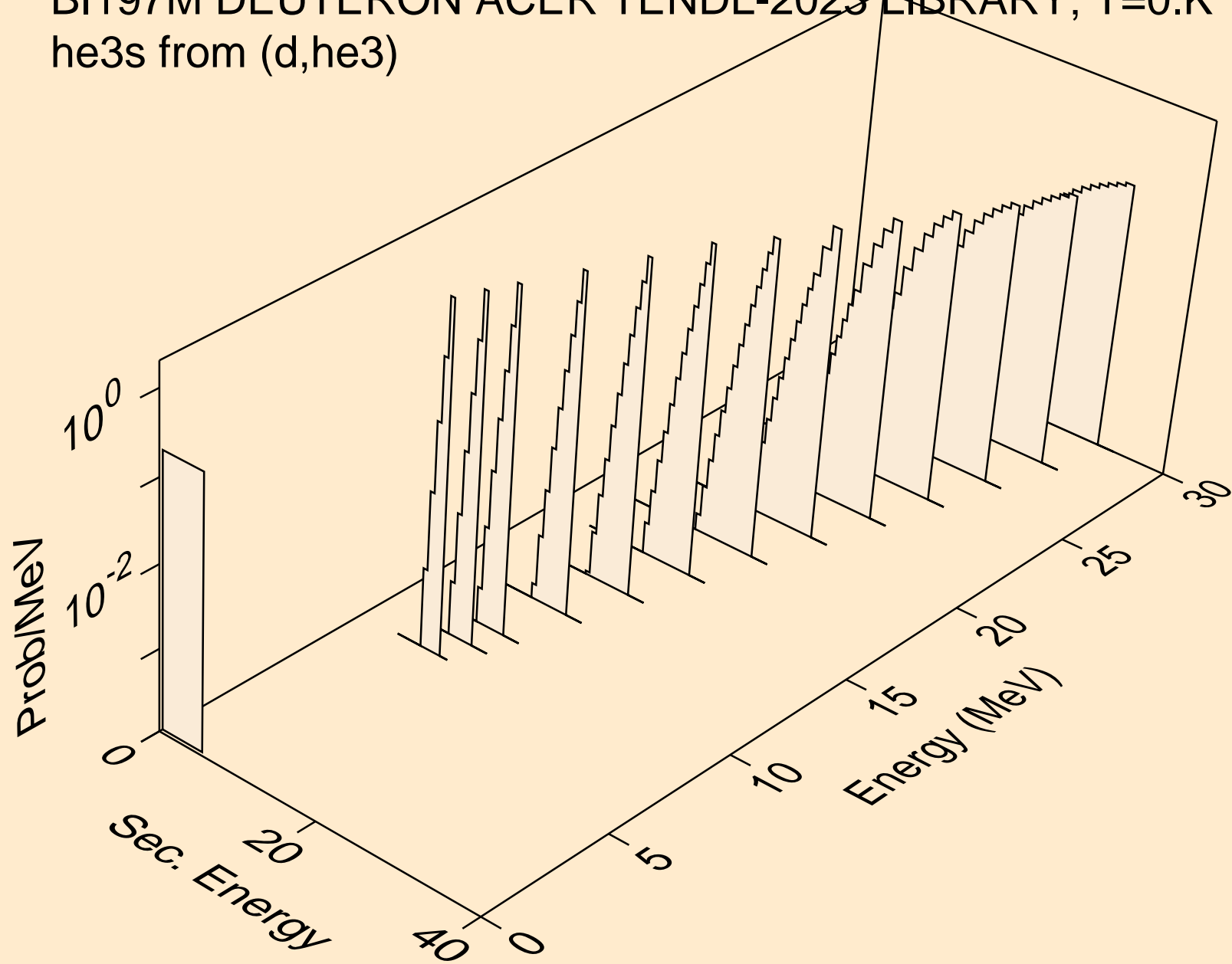
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he3s from (d,x)



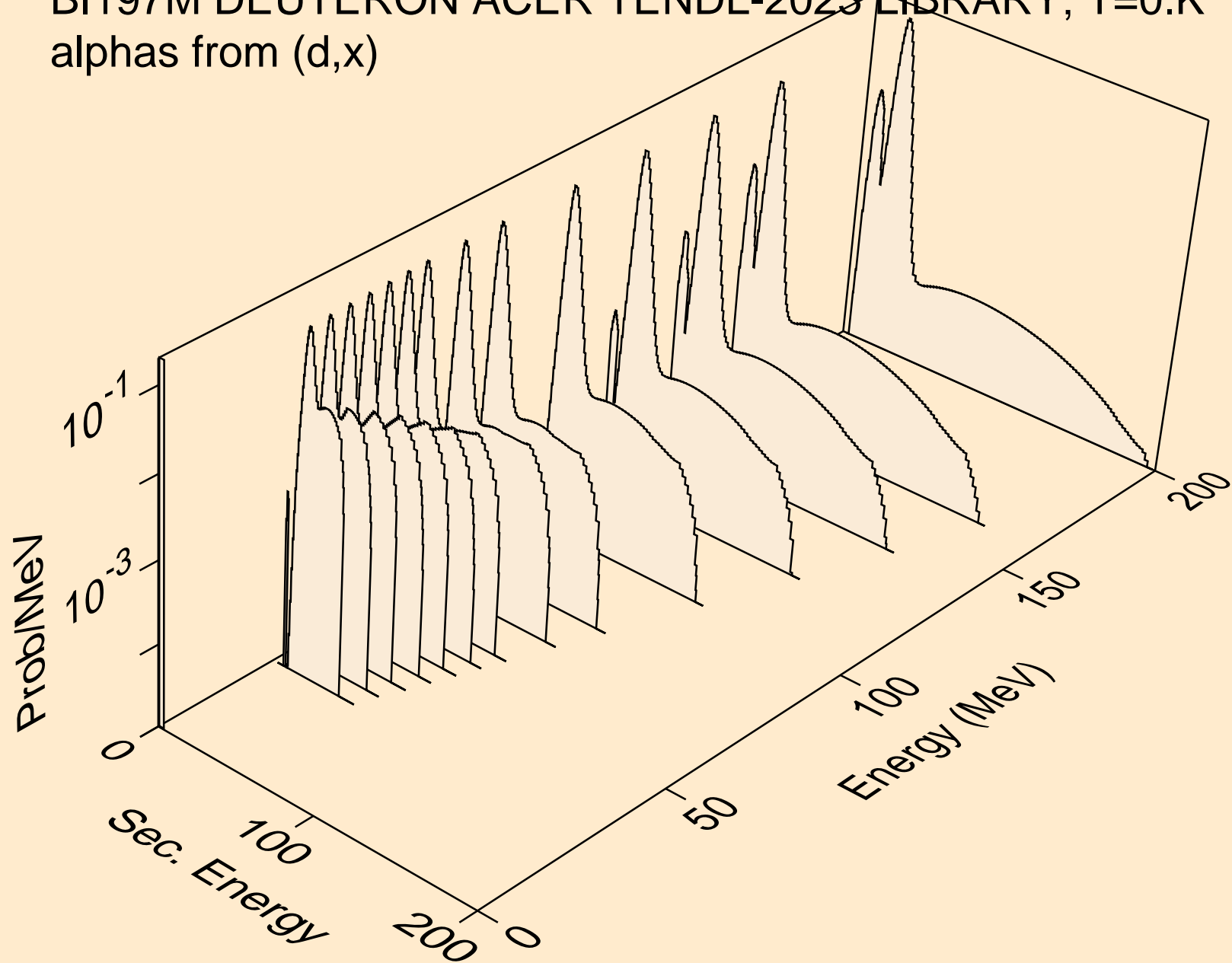
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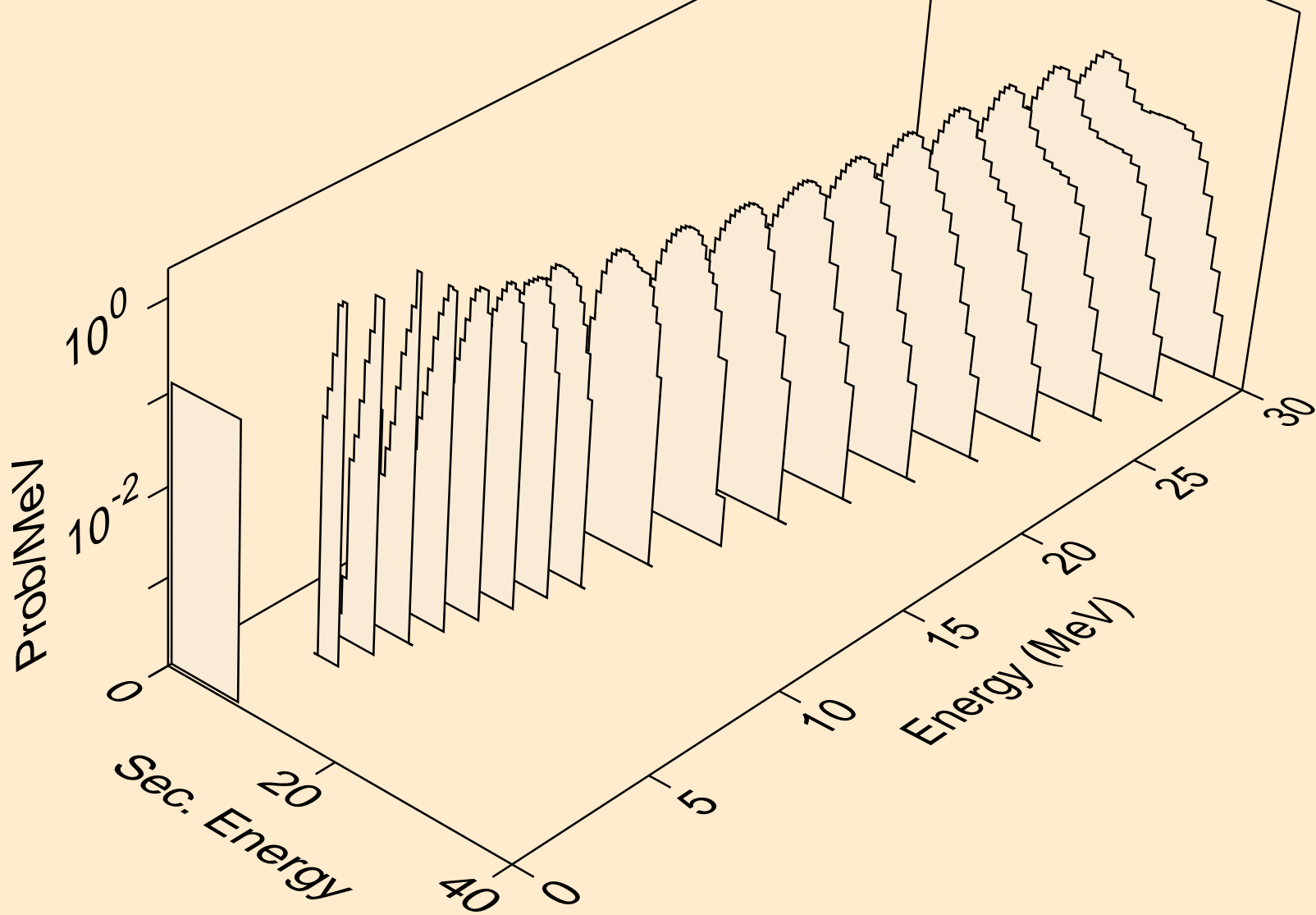
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BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,x)

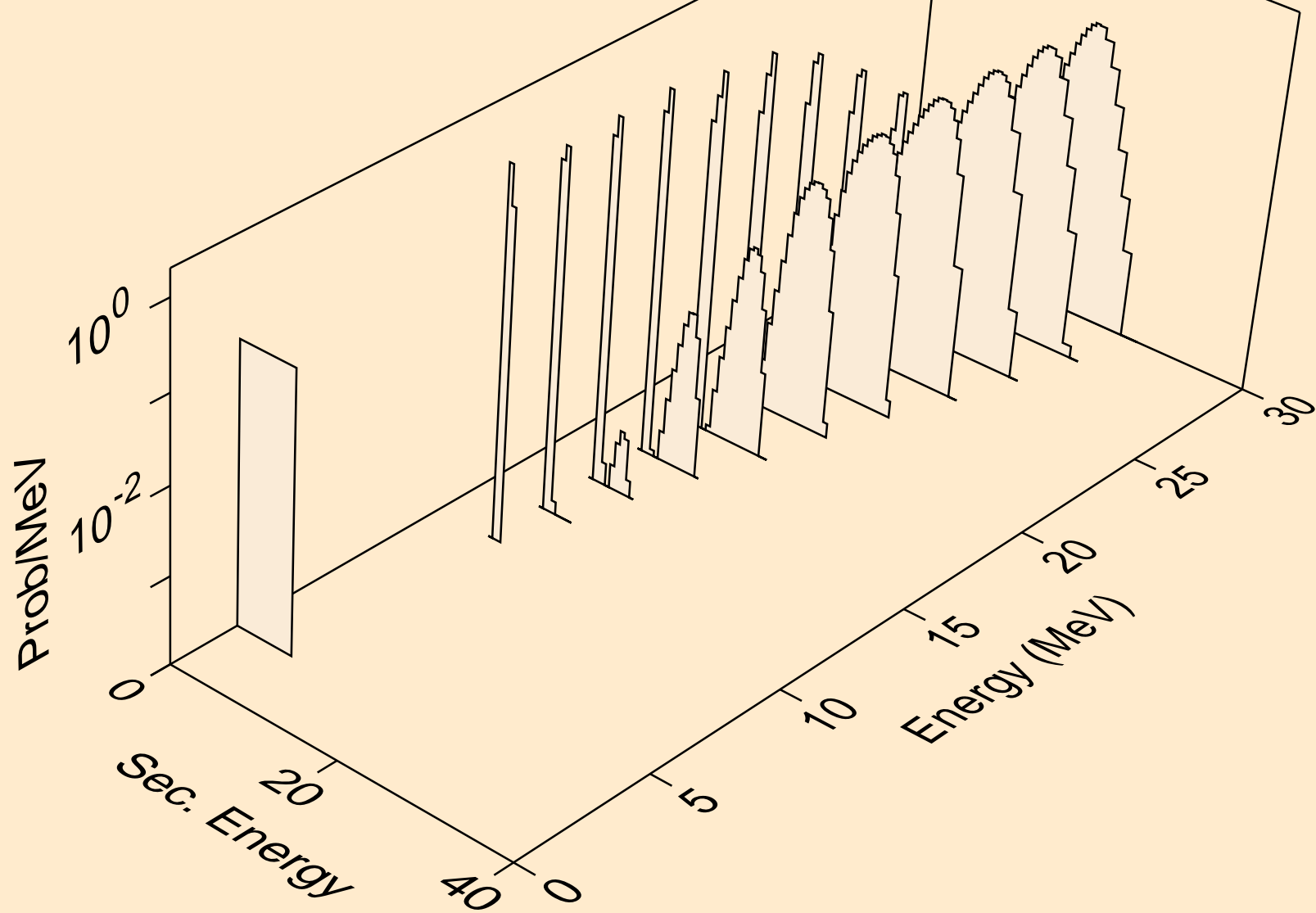


BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a

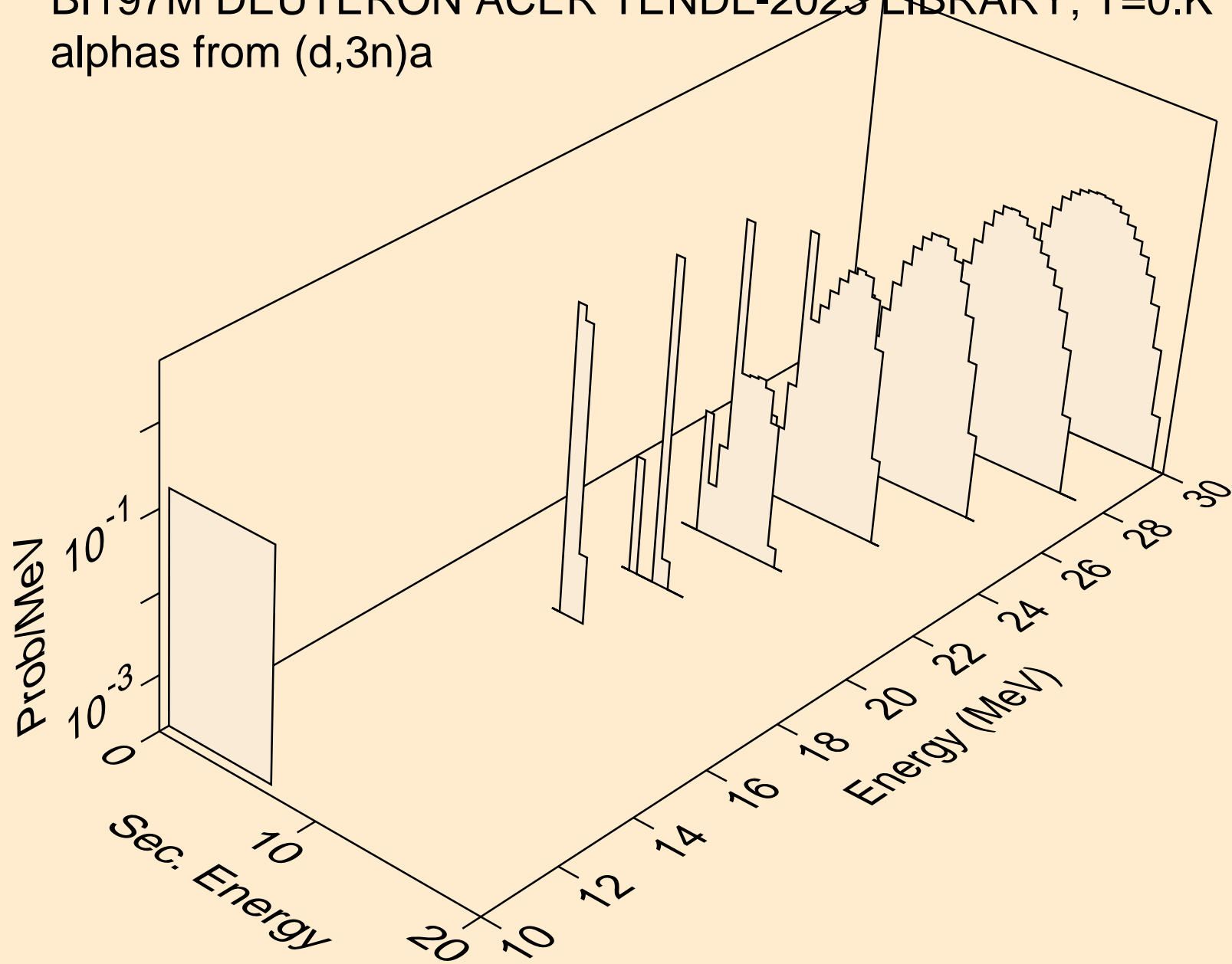




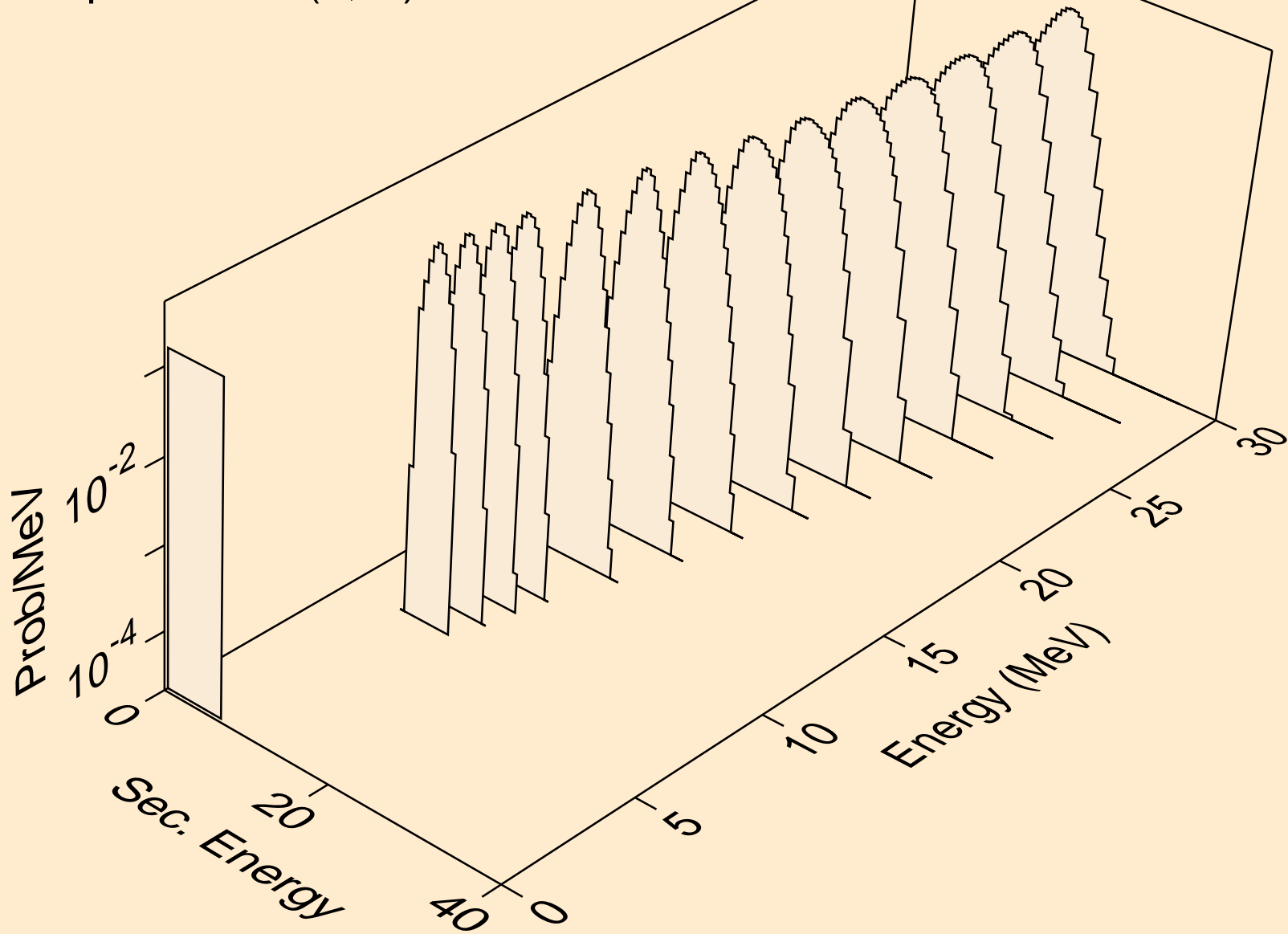
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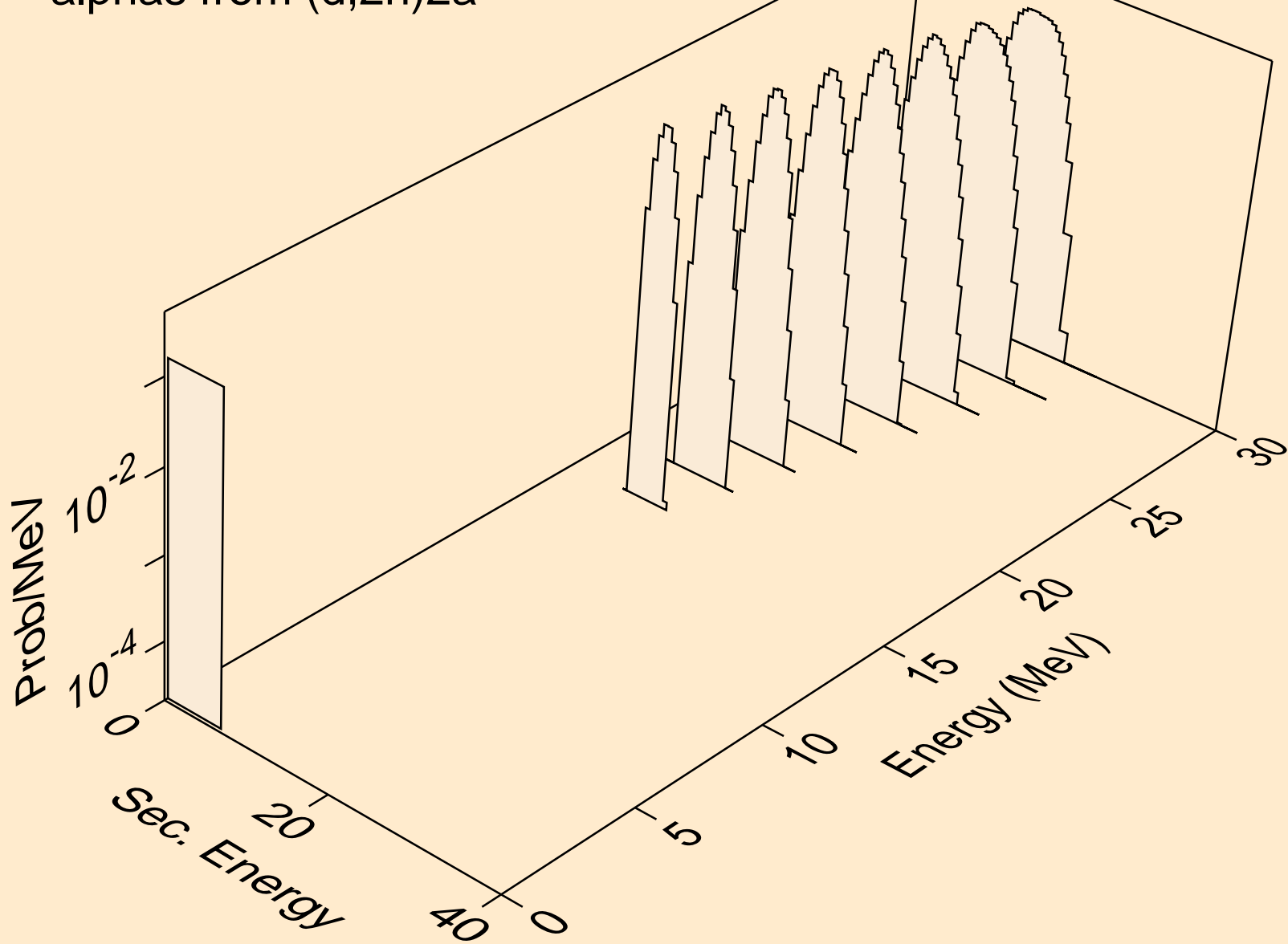
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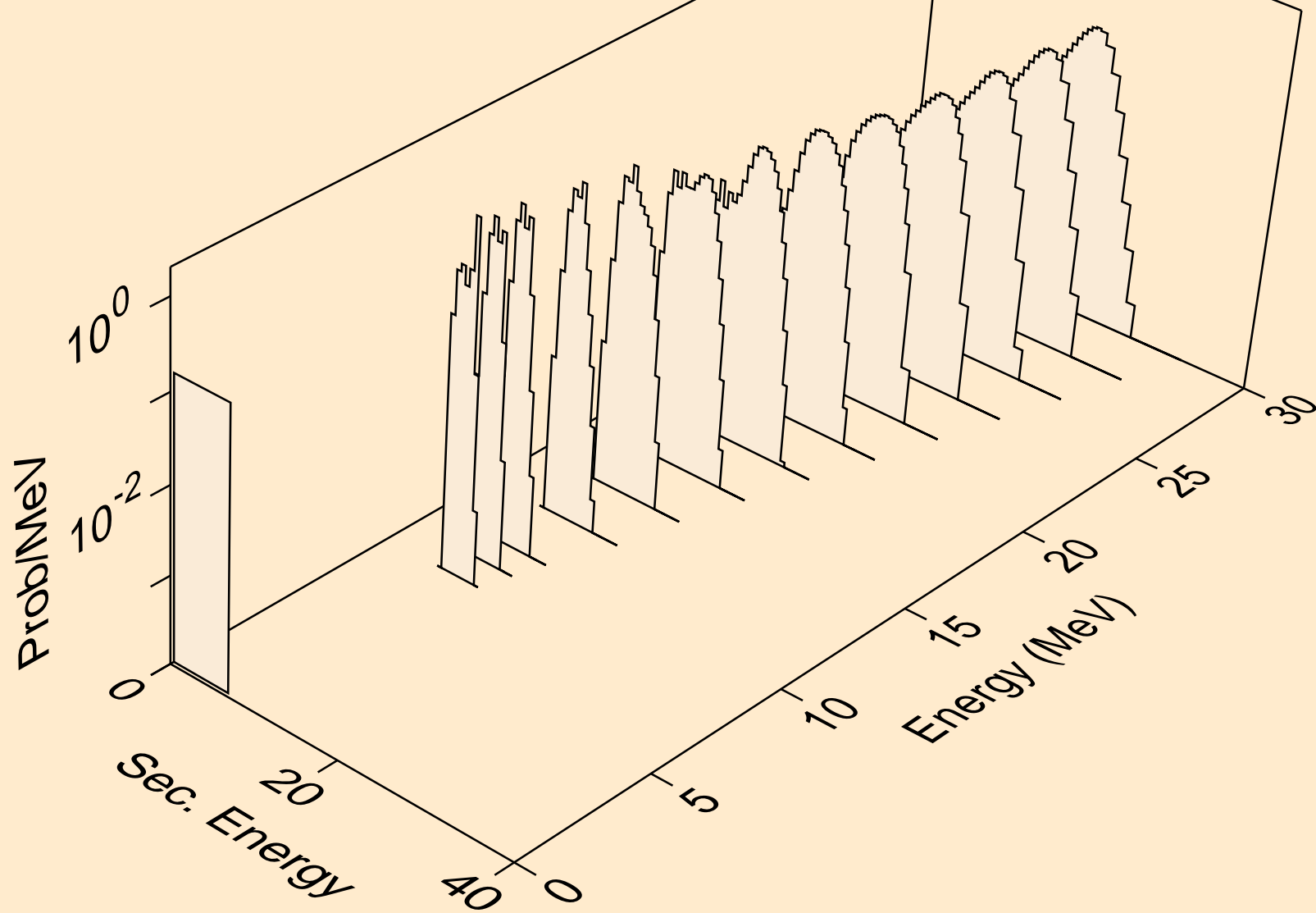
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alphas from (d,n\*)2a



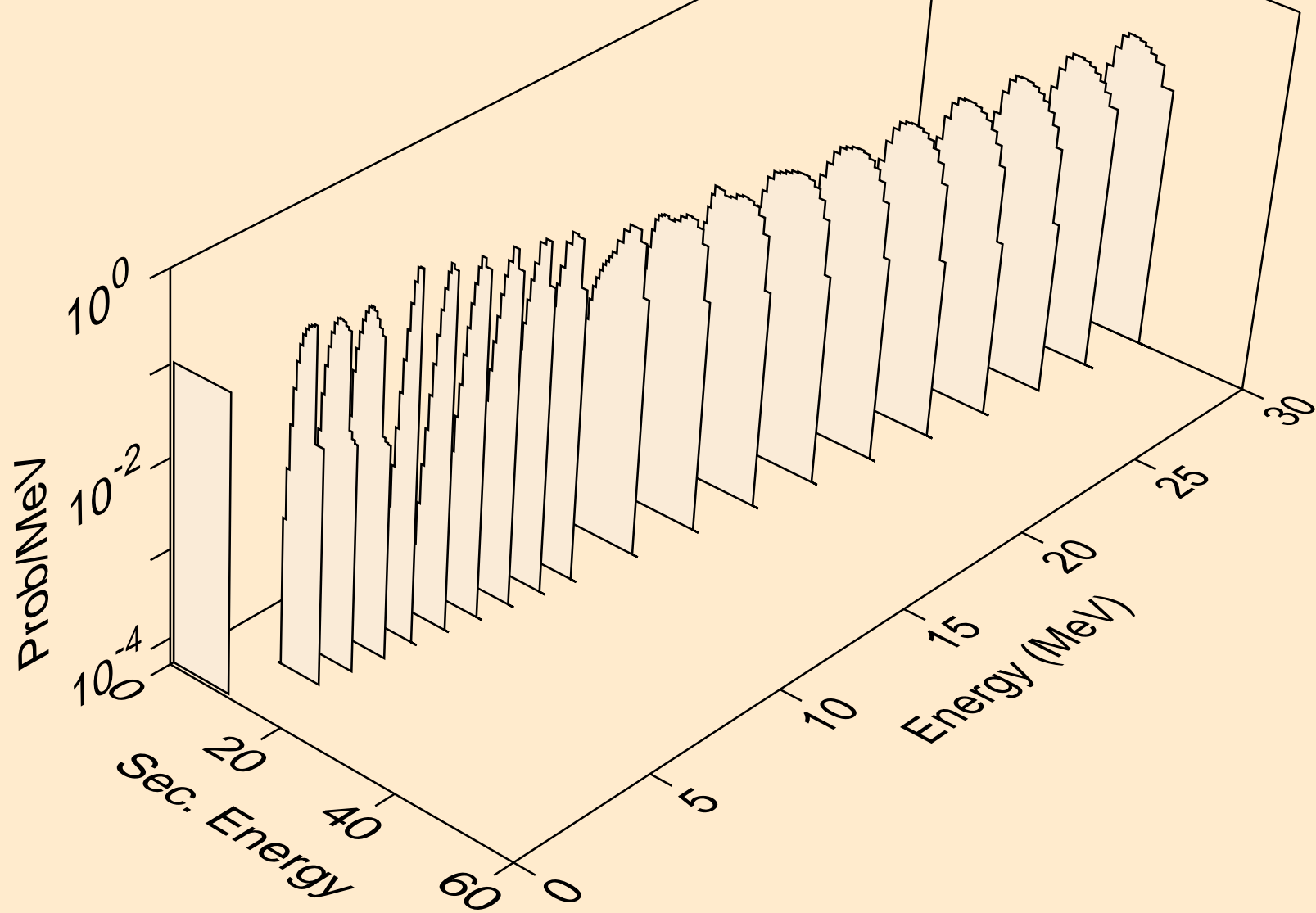
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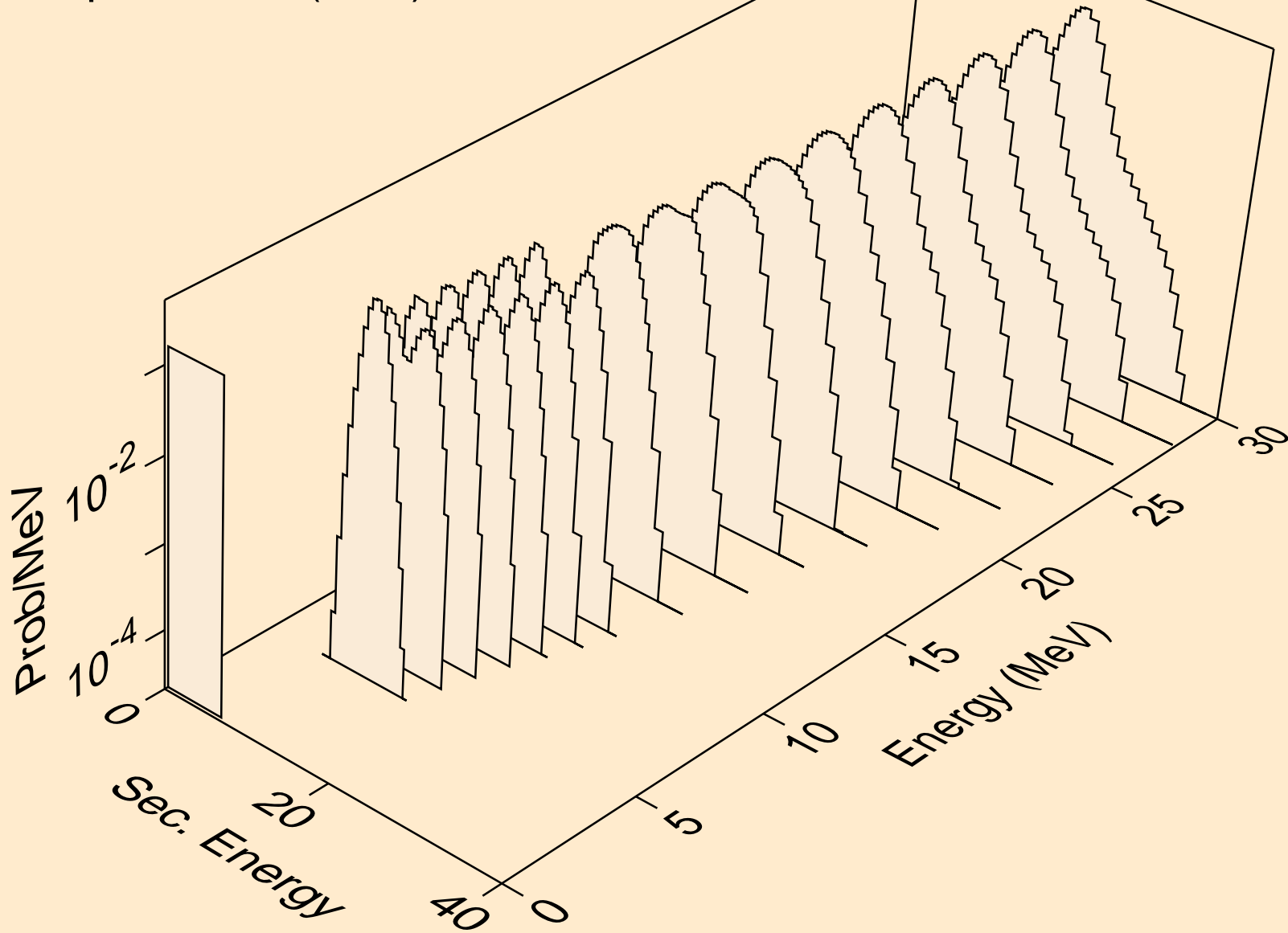
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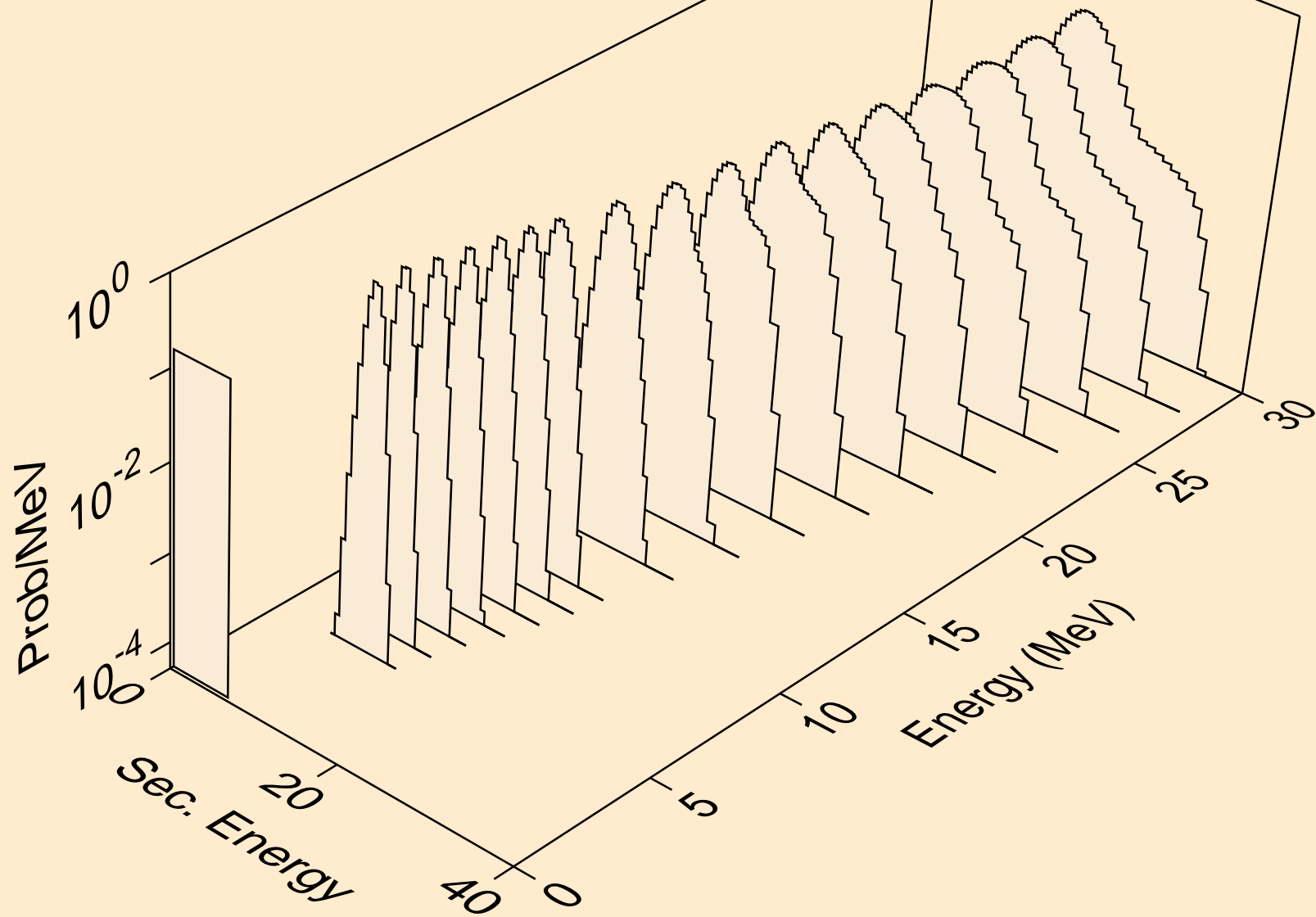
BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,a)



BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2a)



BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)





BI197M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

