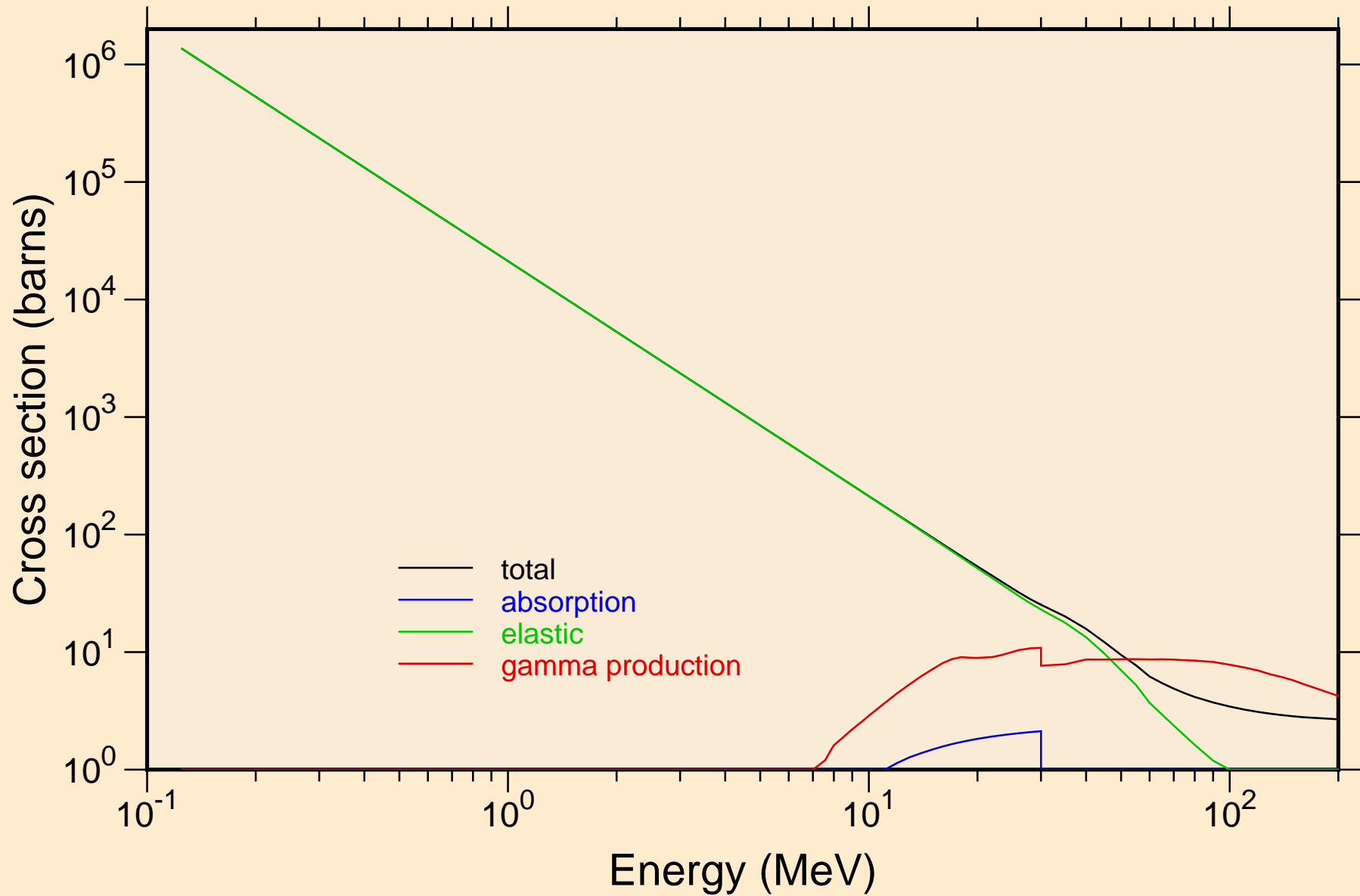
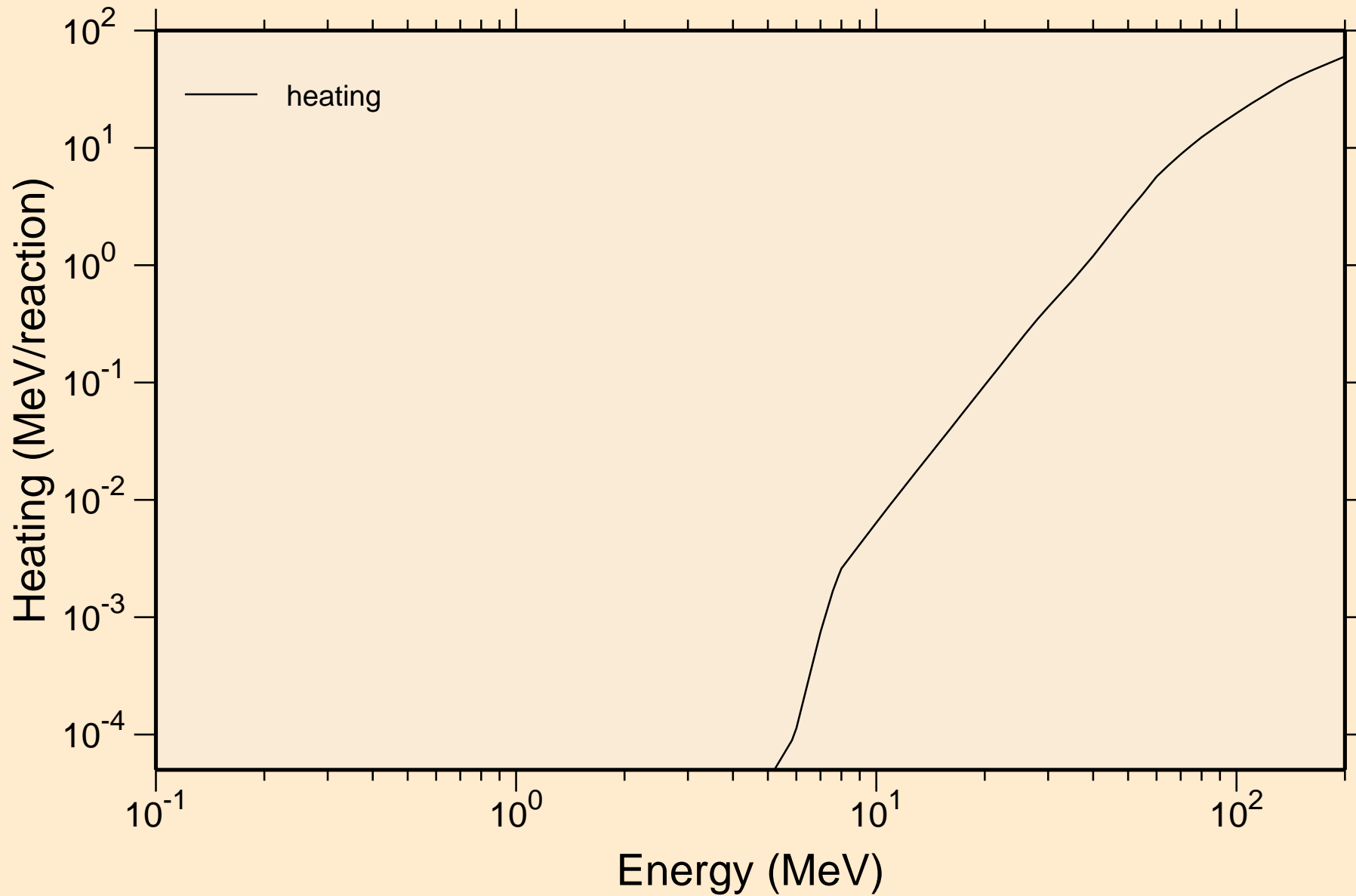


# CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

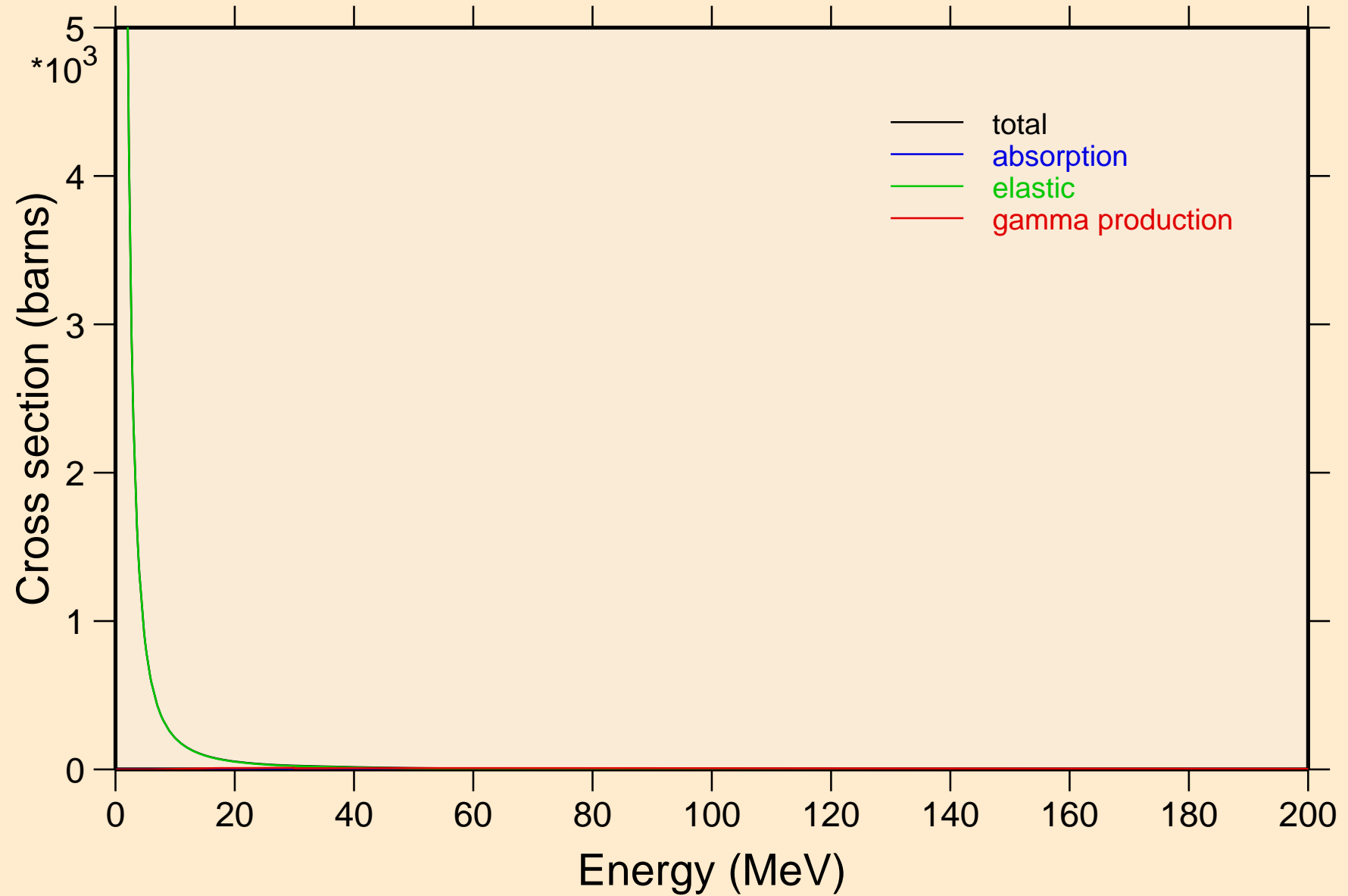


CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



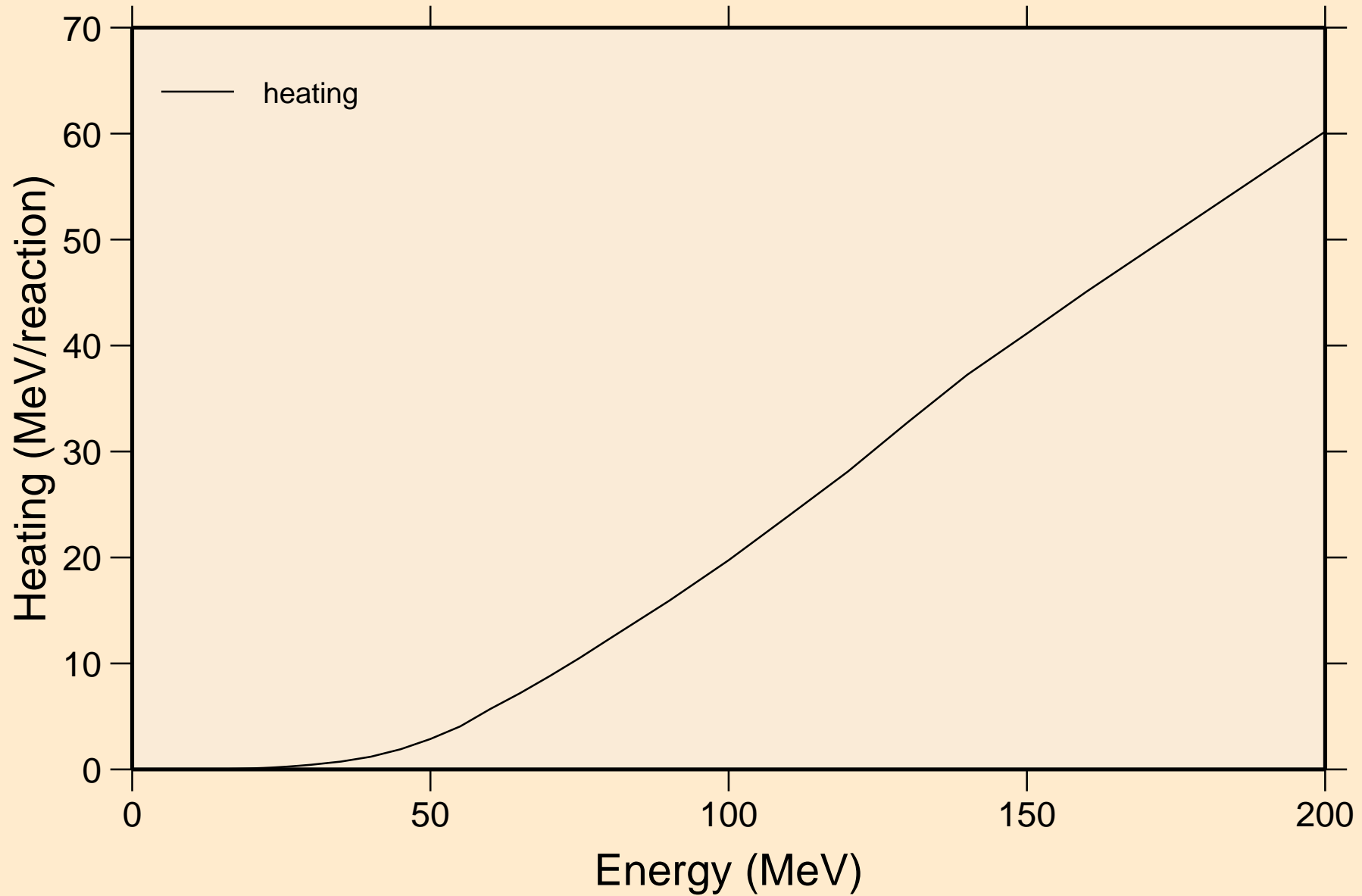
# CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



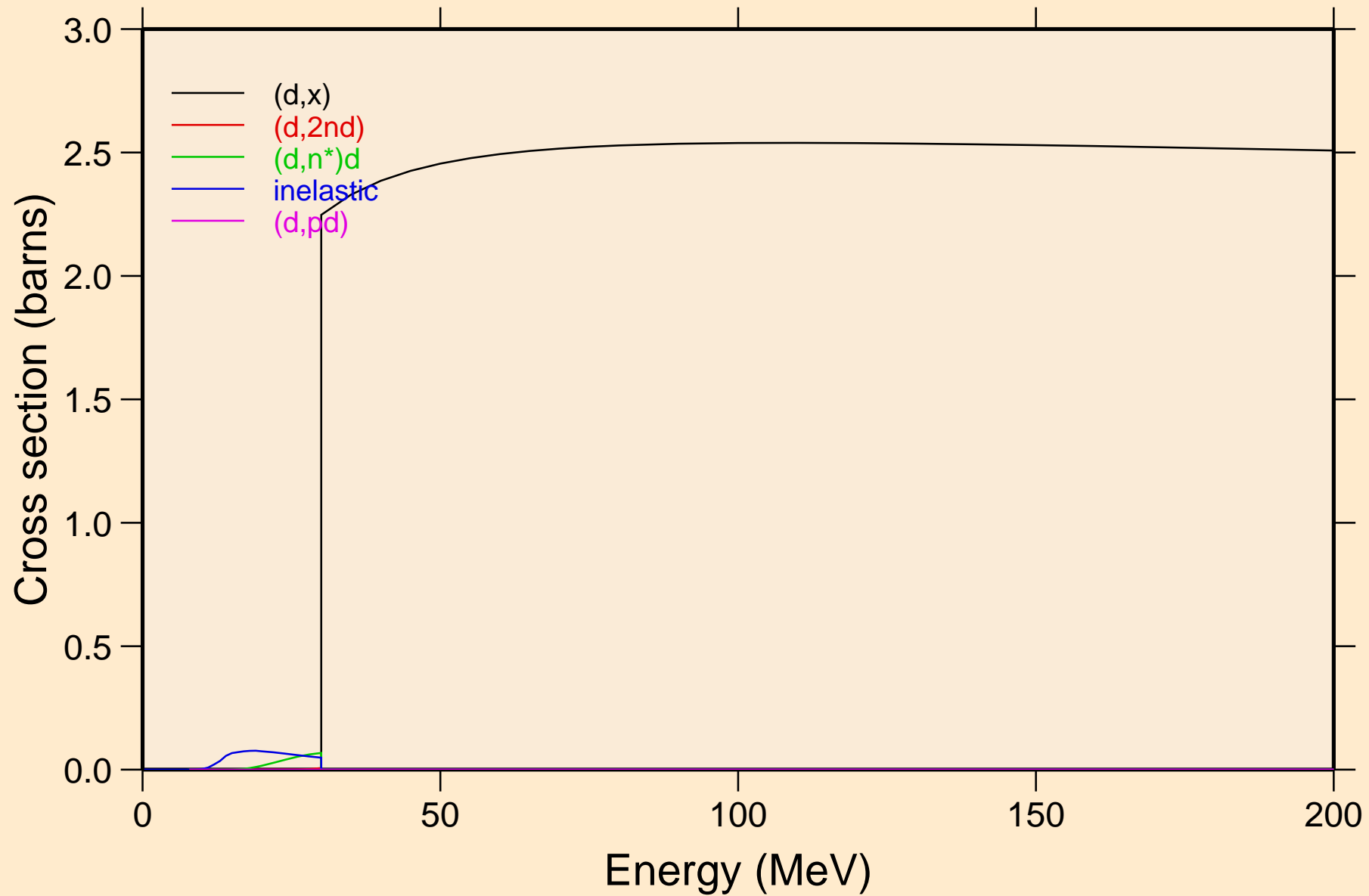
# CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

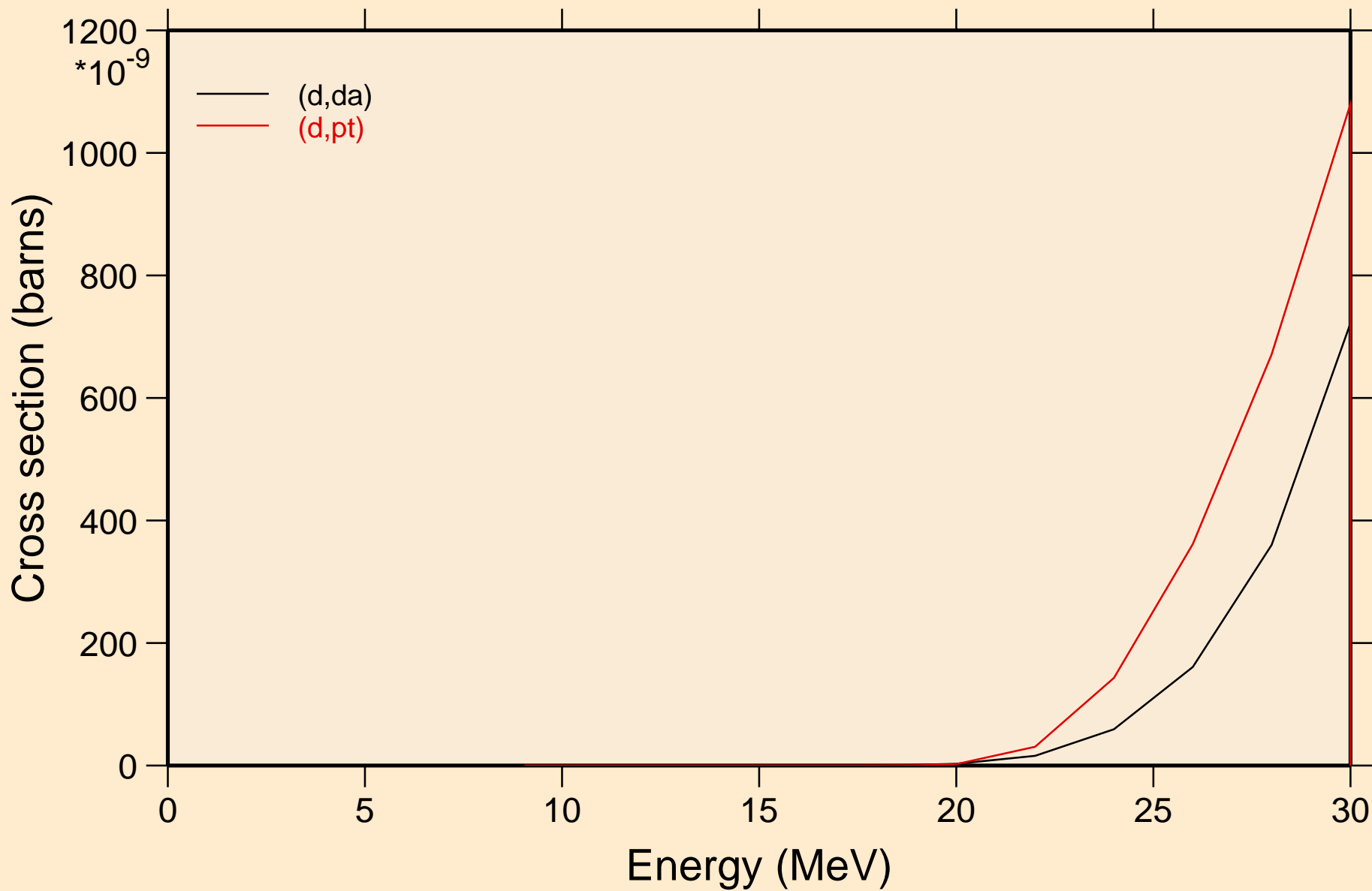


# CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

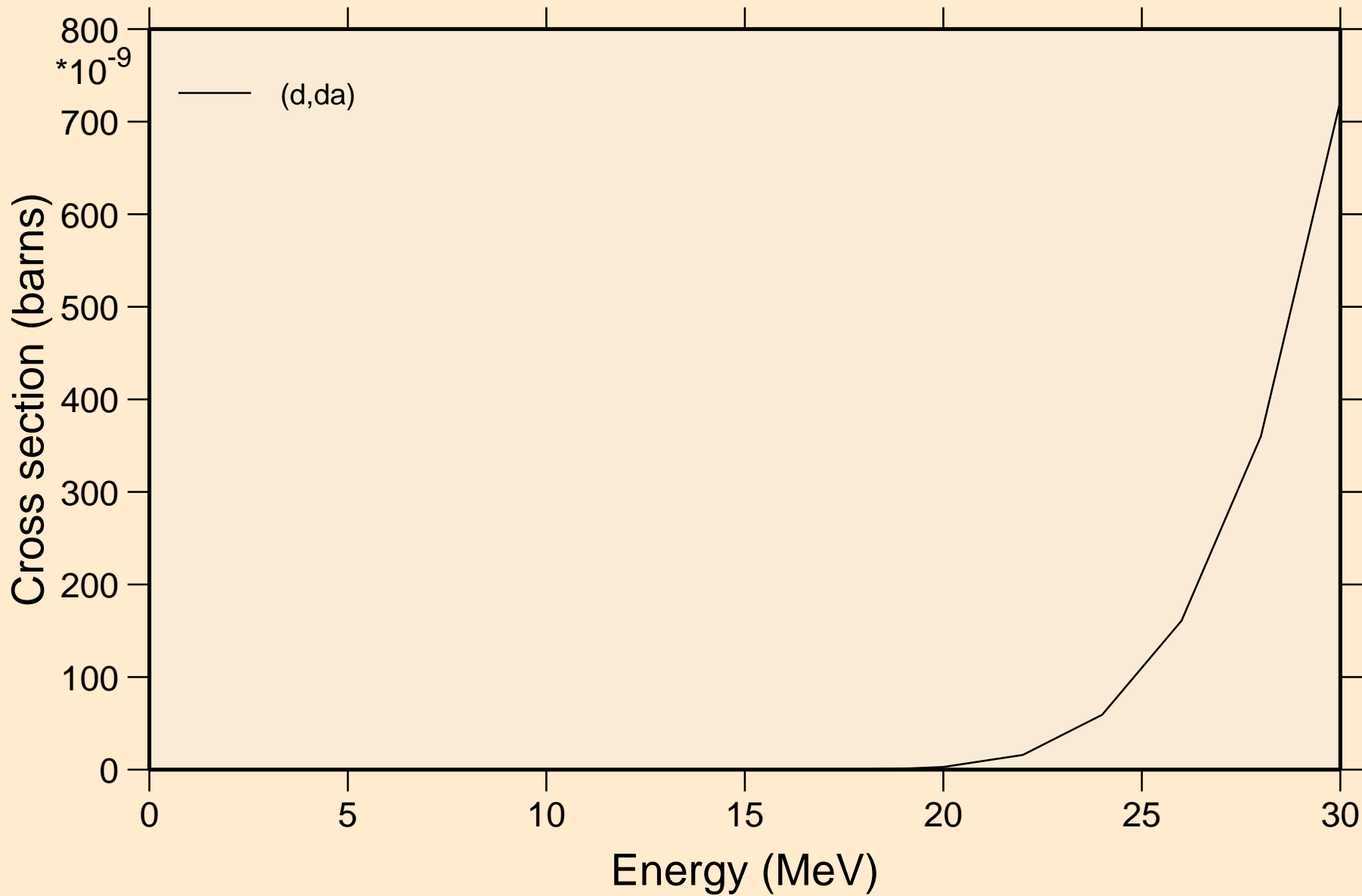
## Threshold reactions



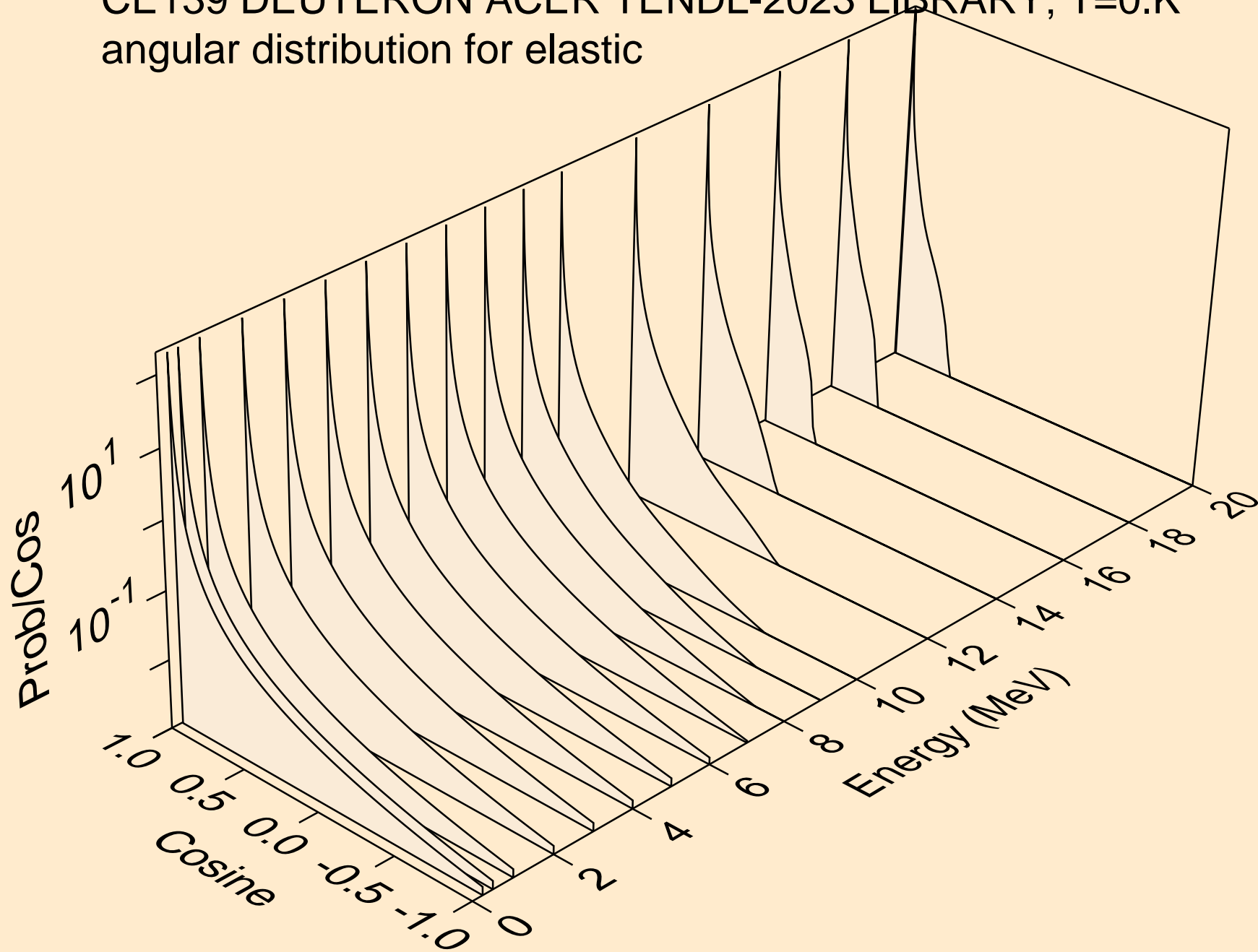
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

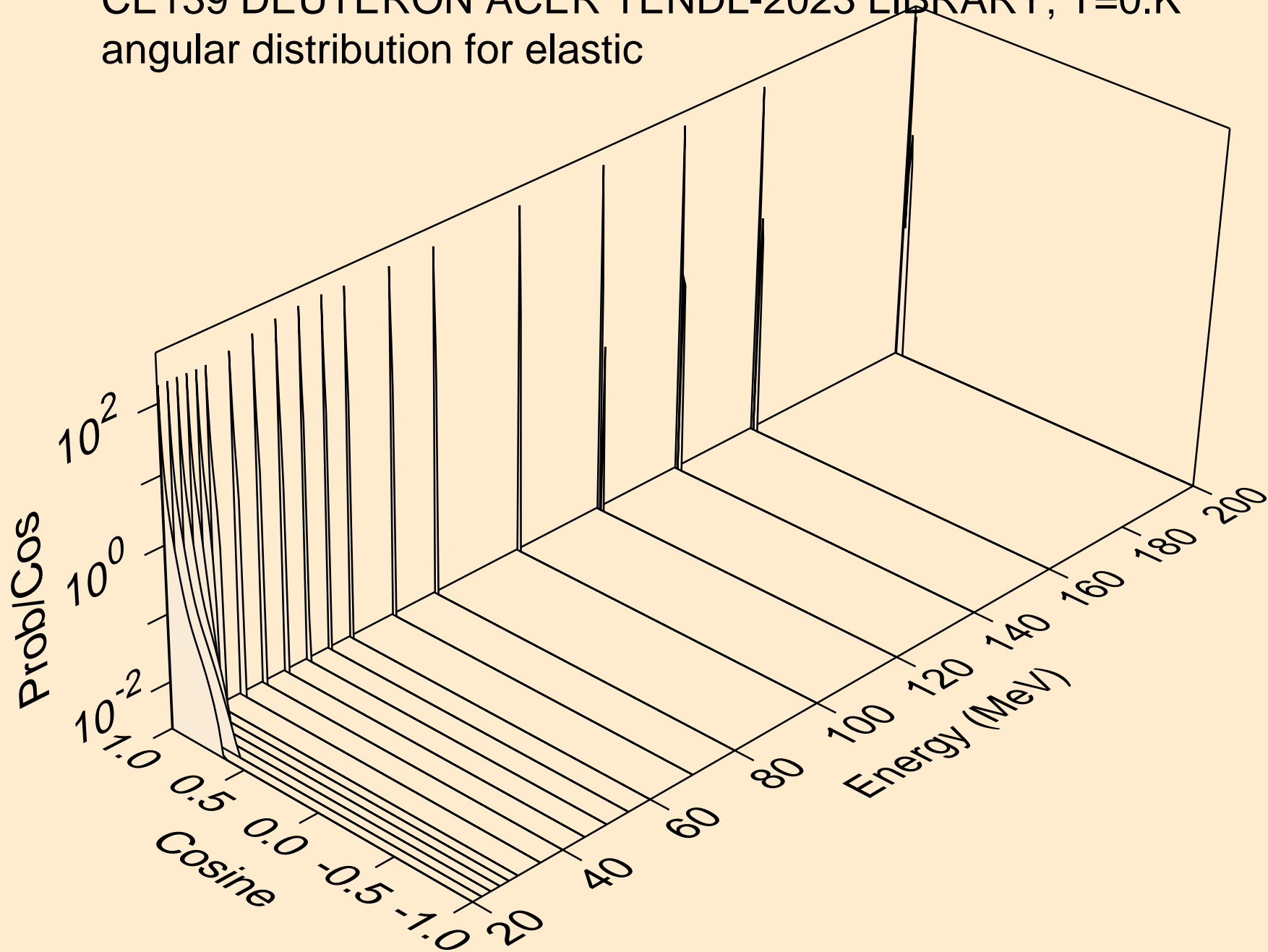


CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

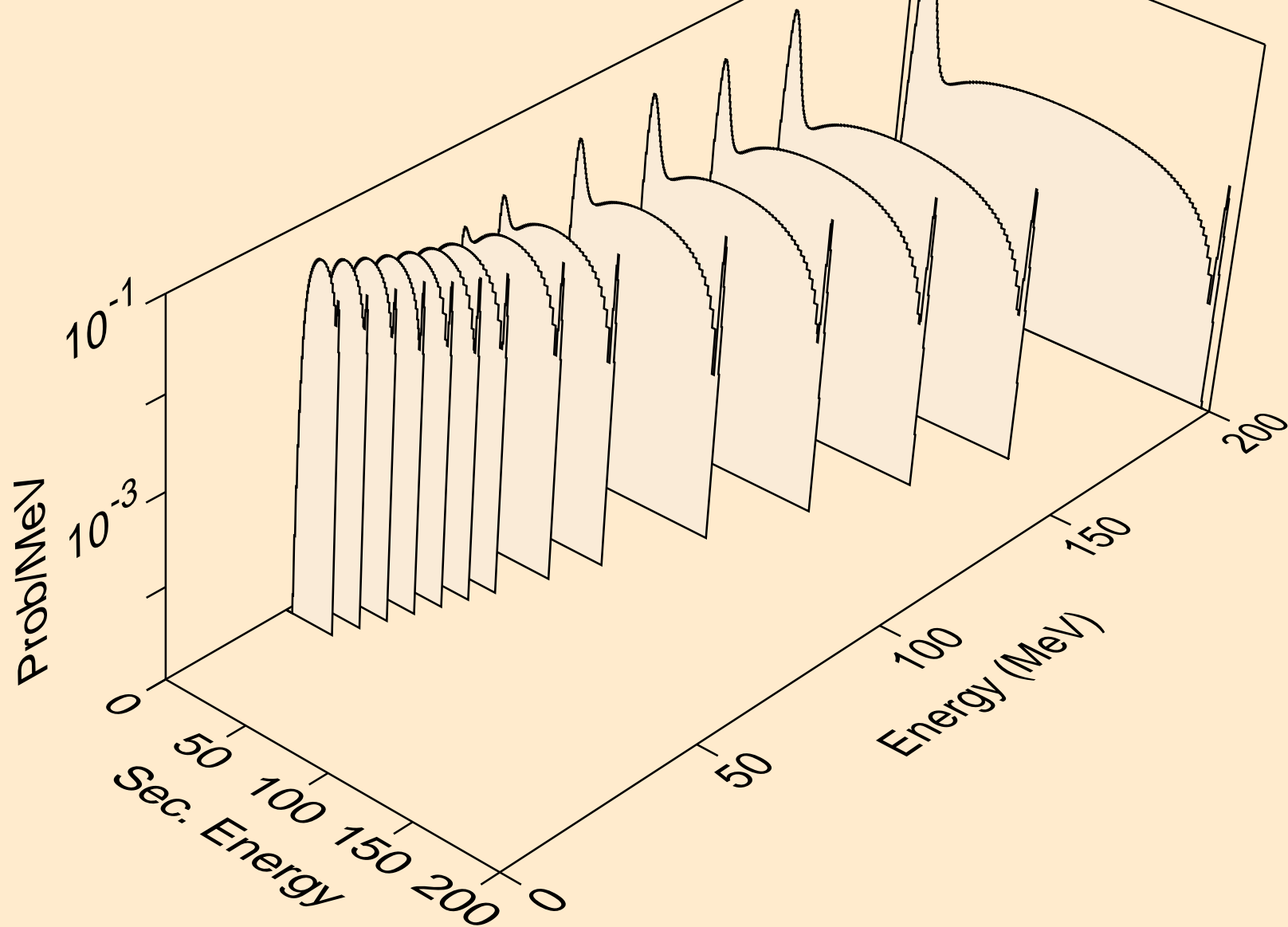




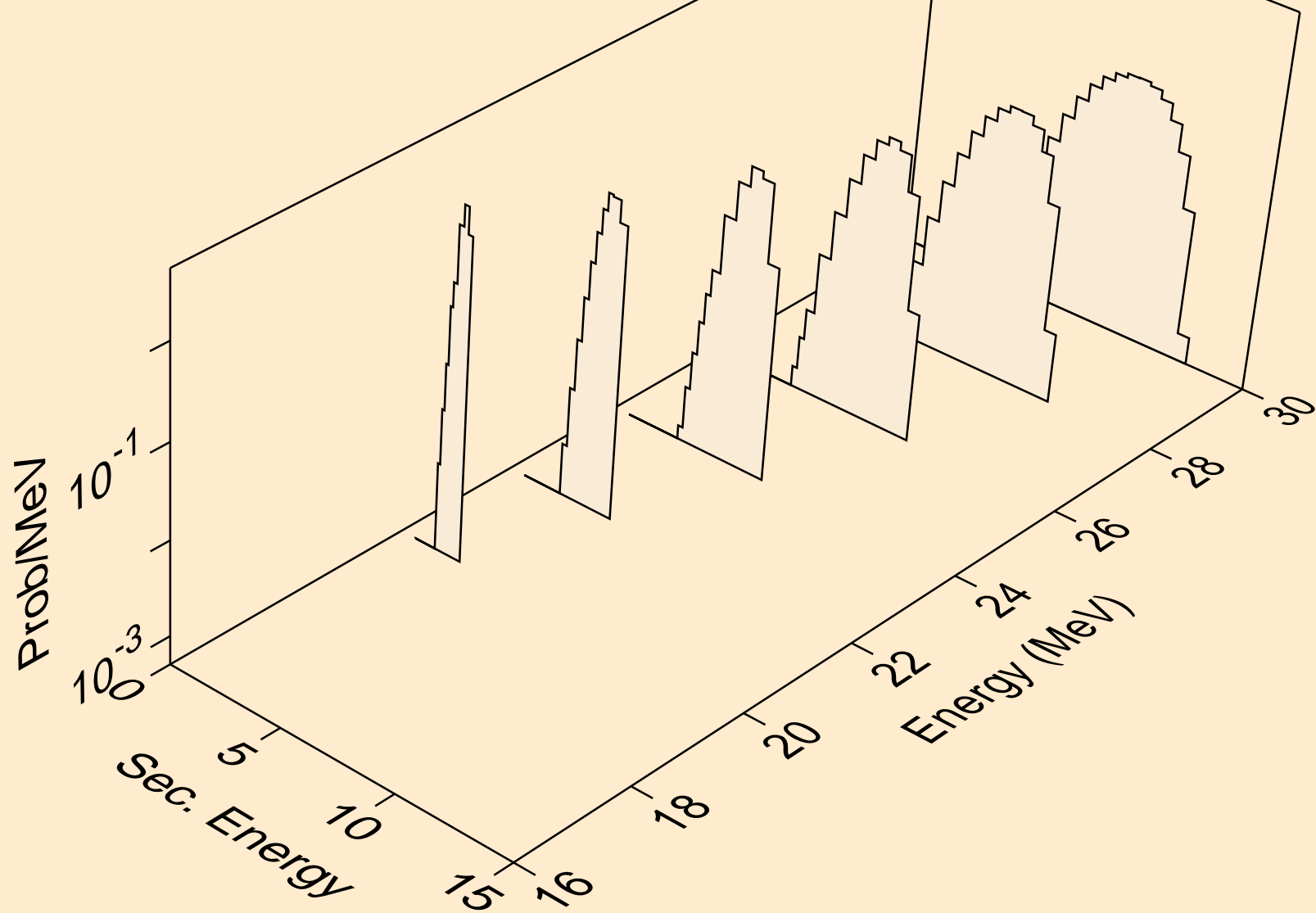
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



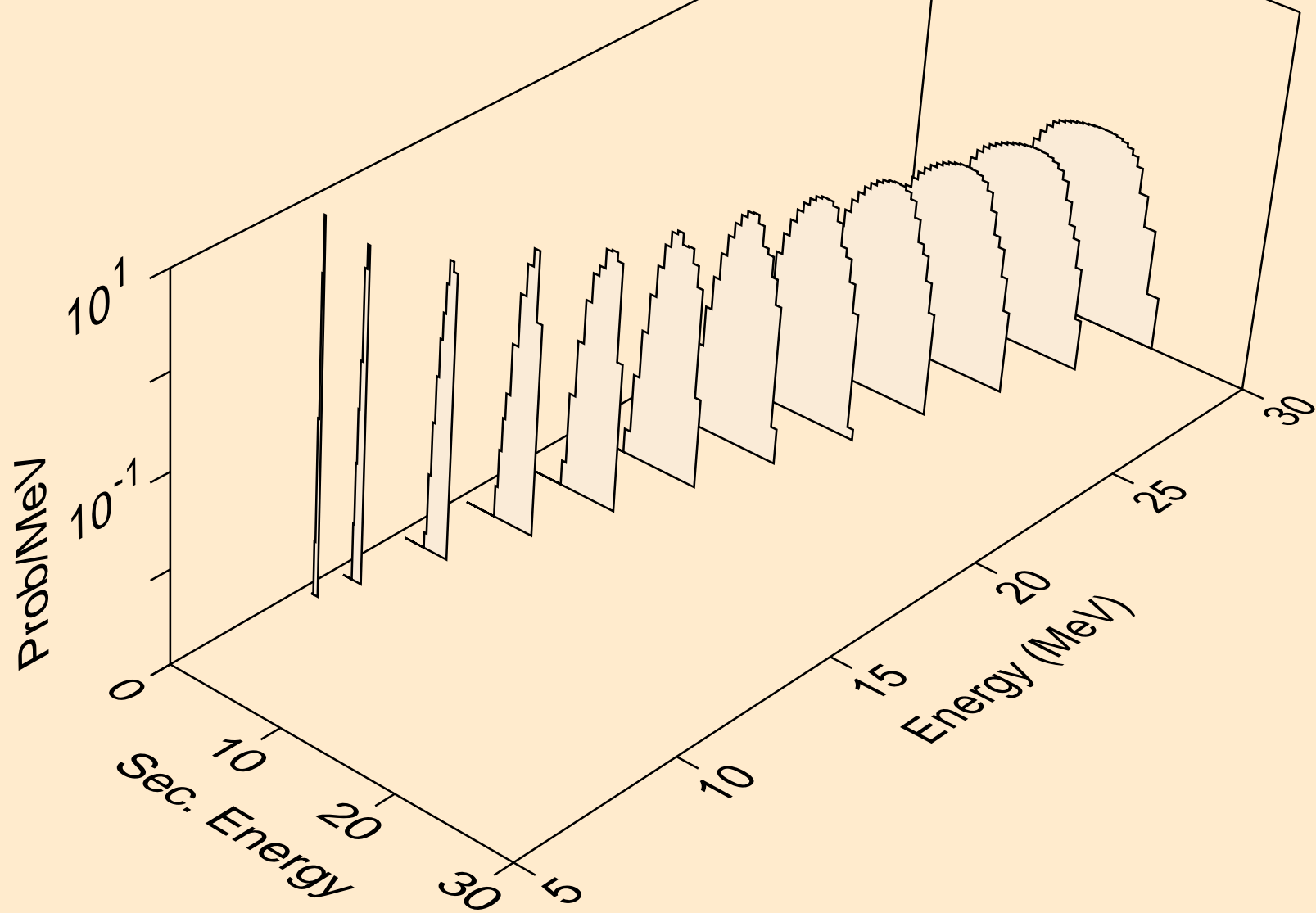
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,x)



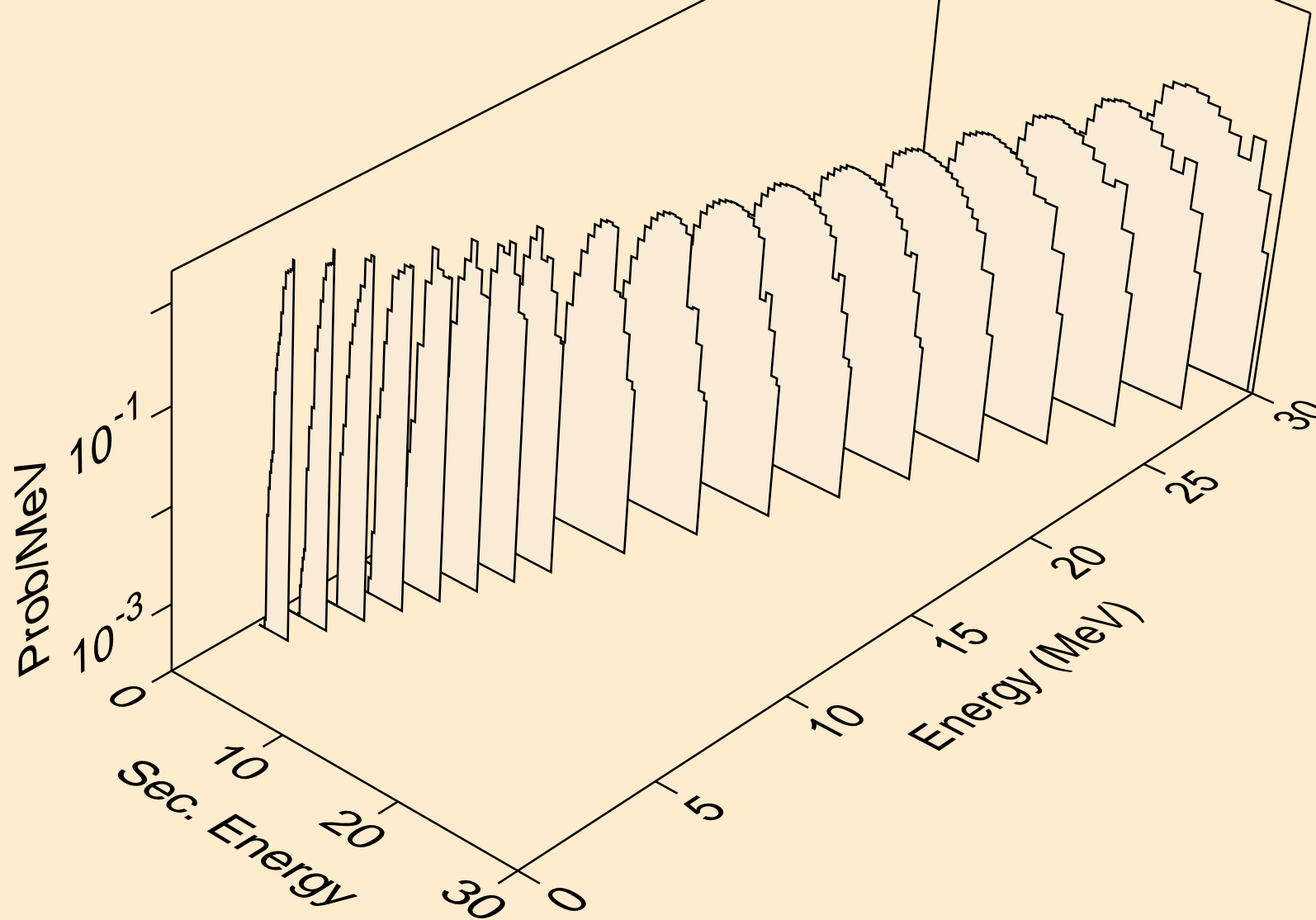
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,2nd)



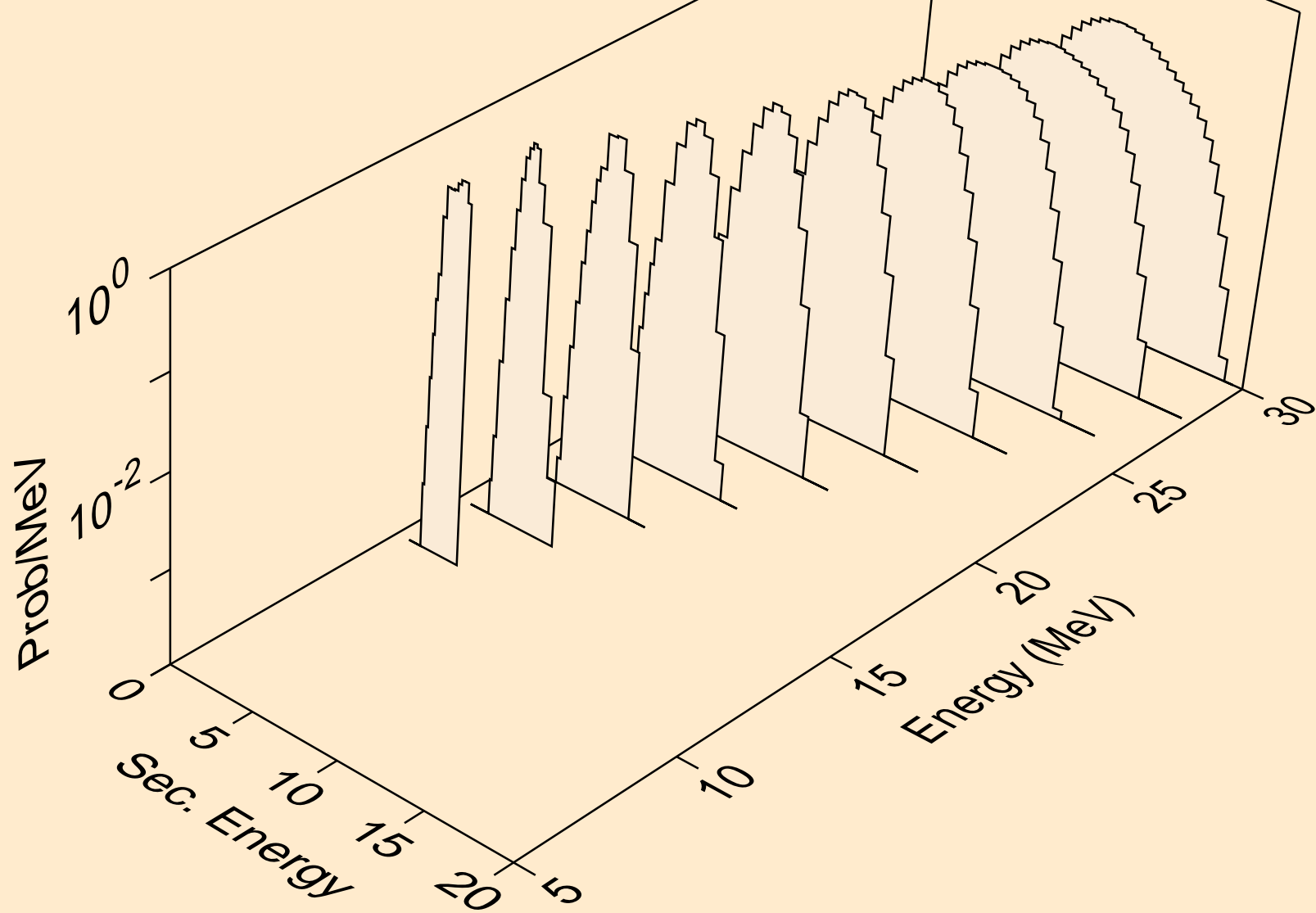
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,n\*)d



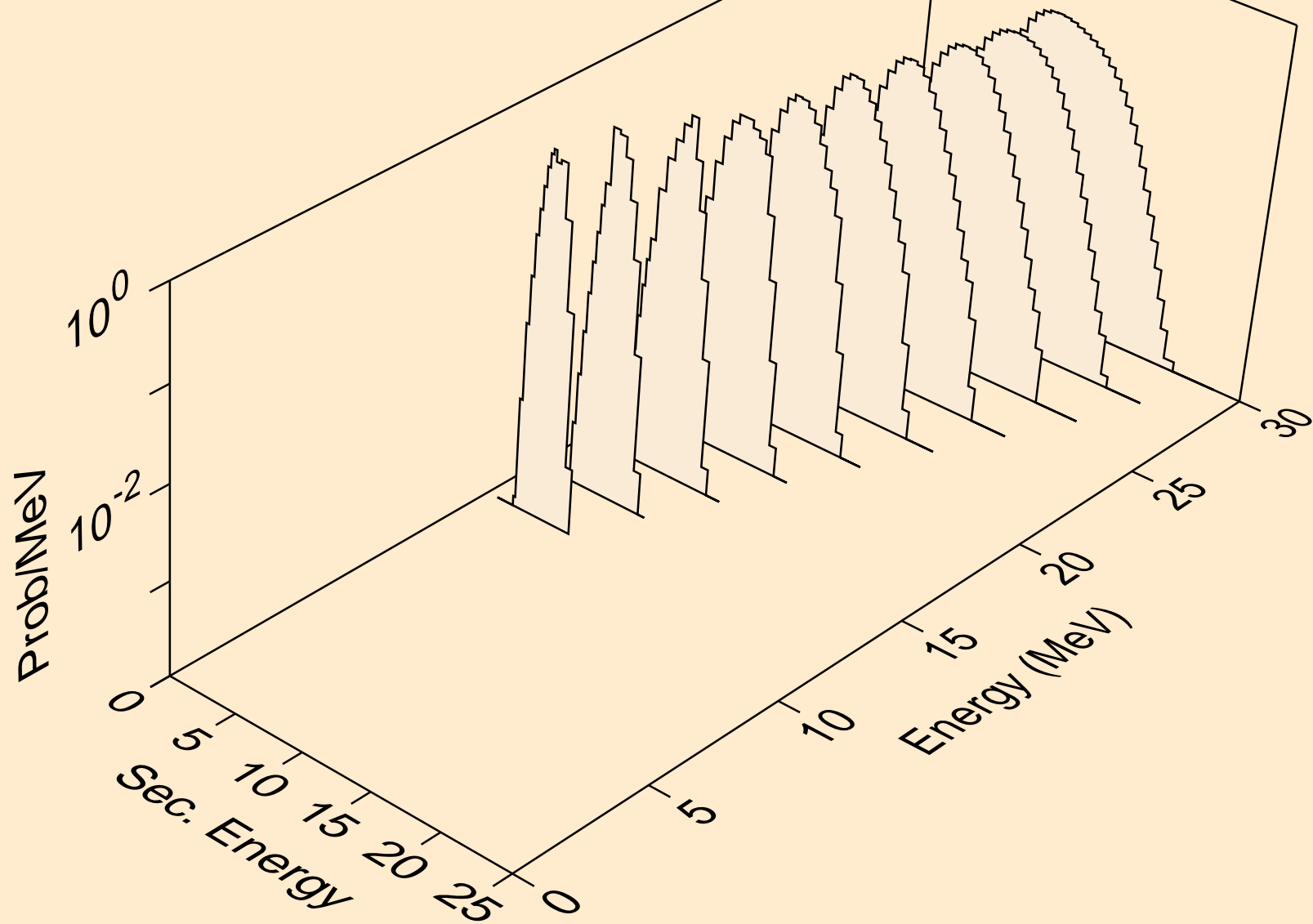
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



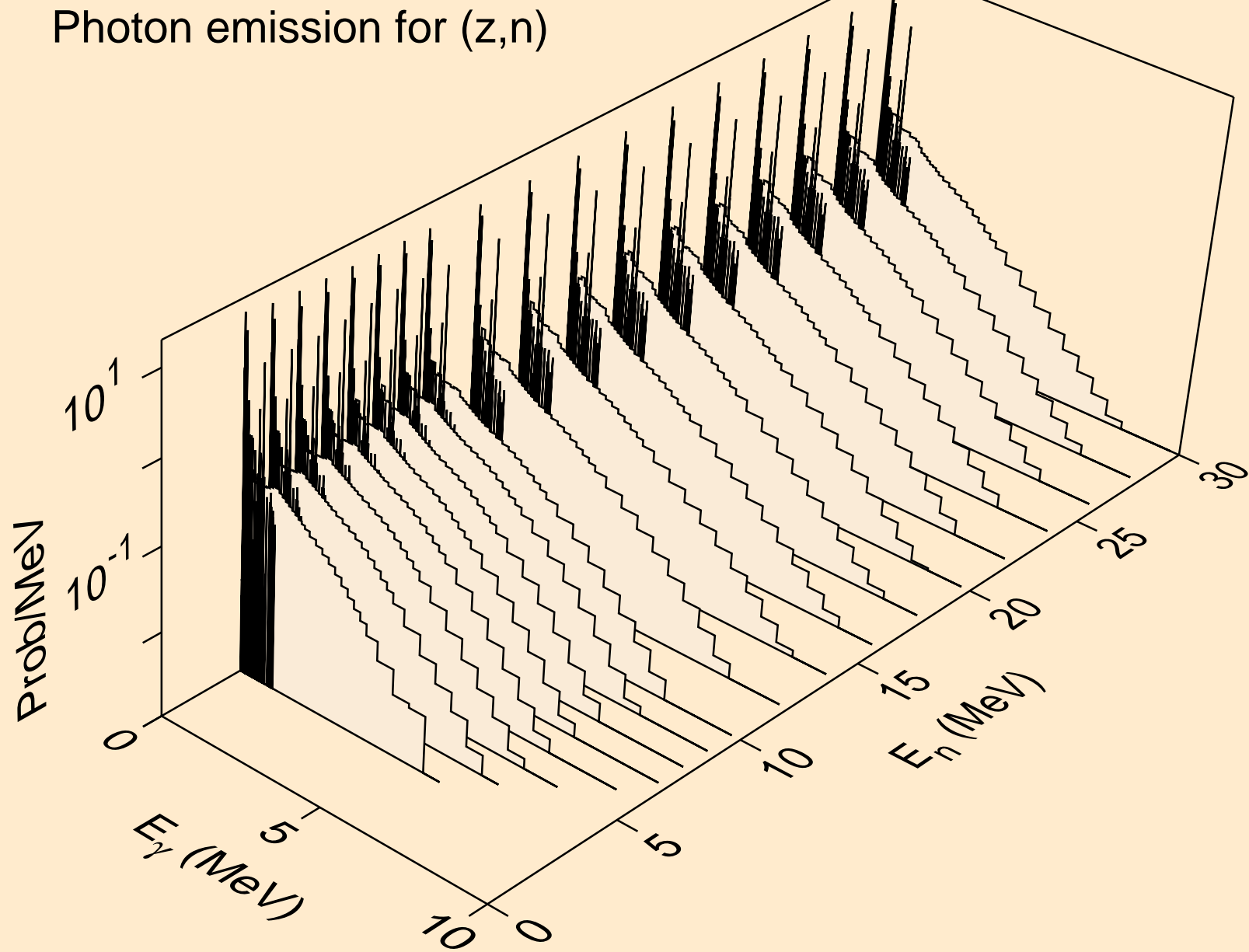
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,da)

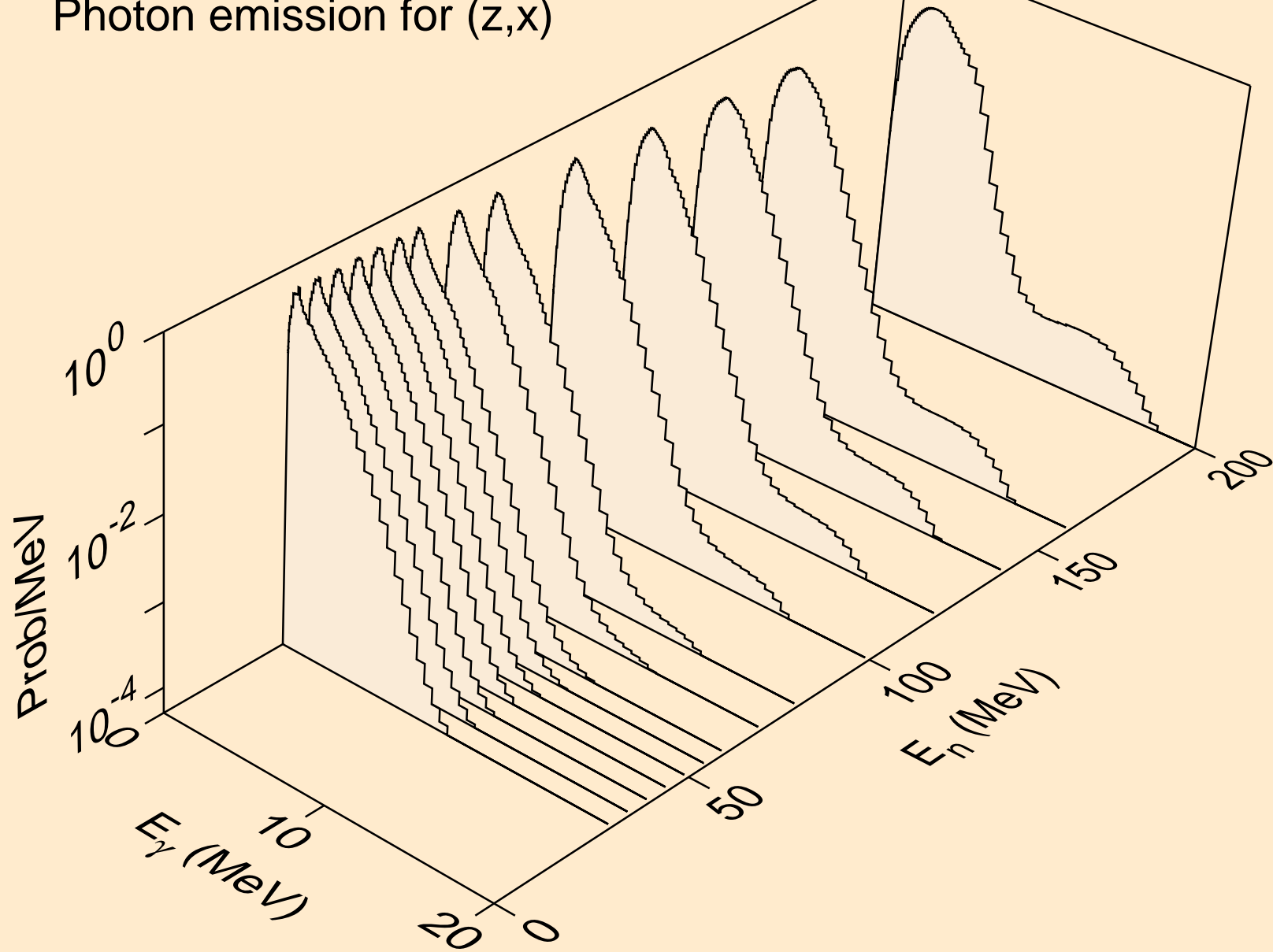


CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

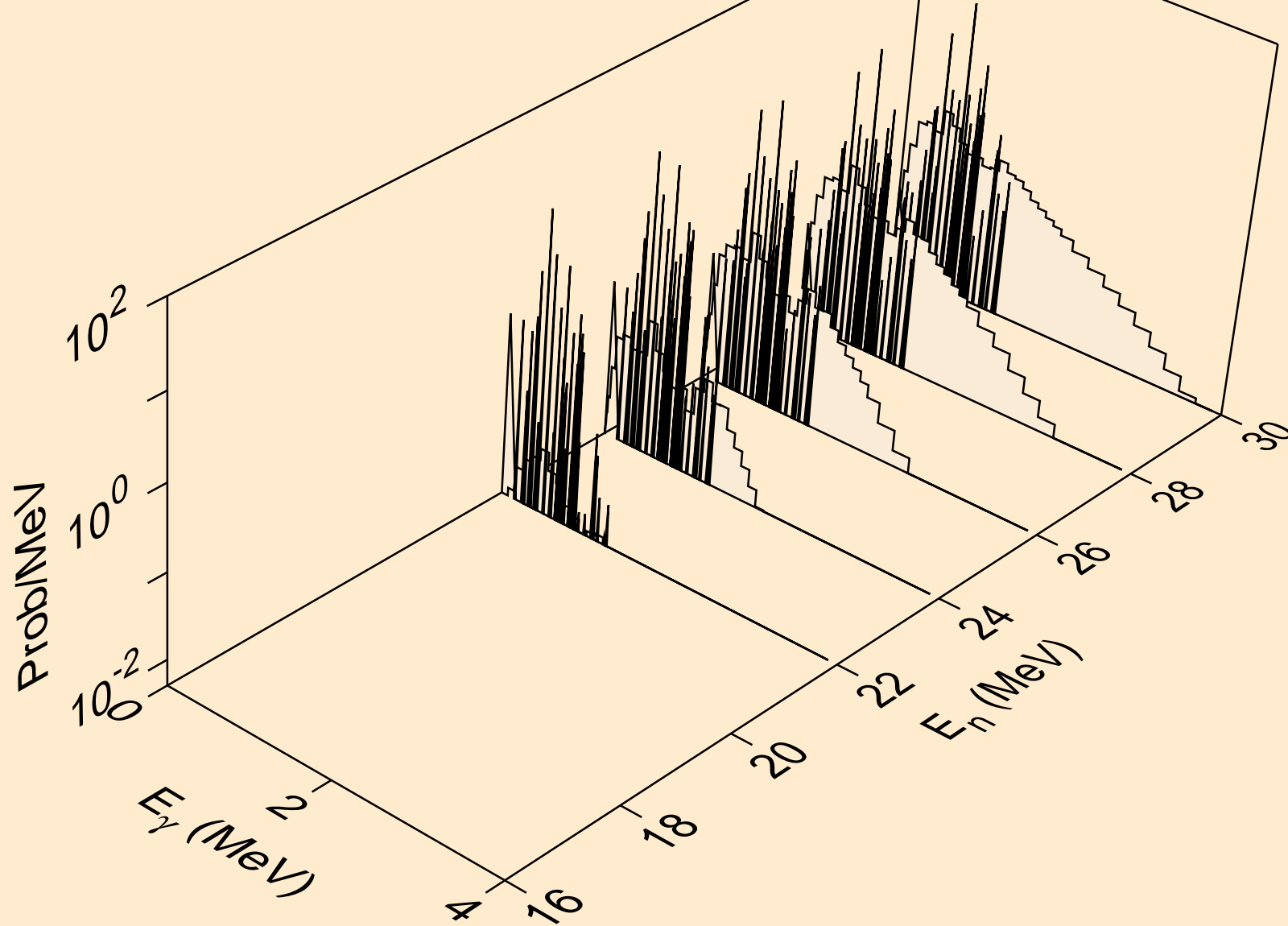




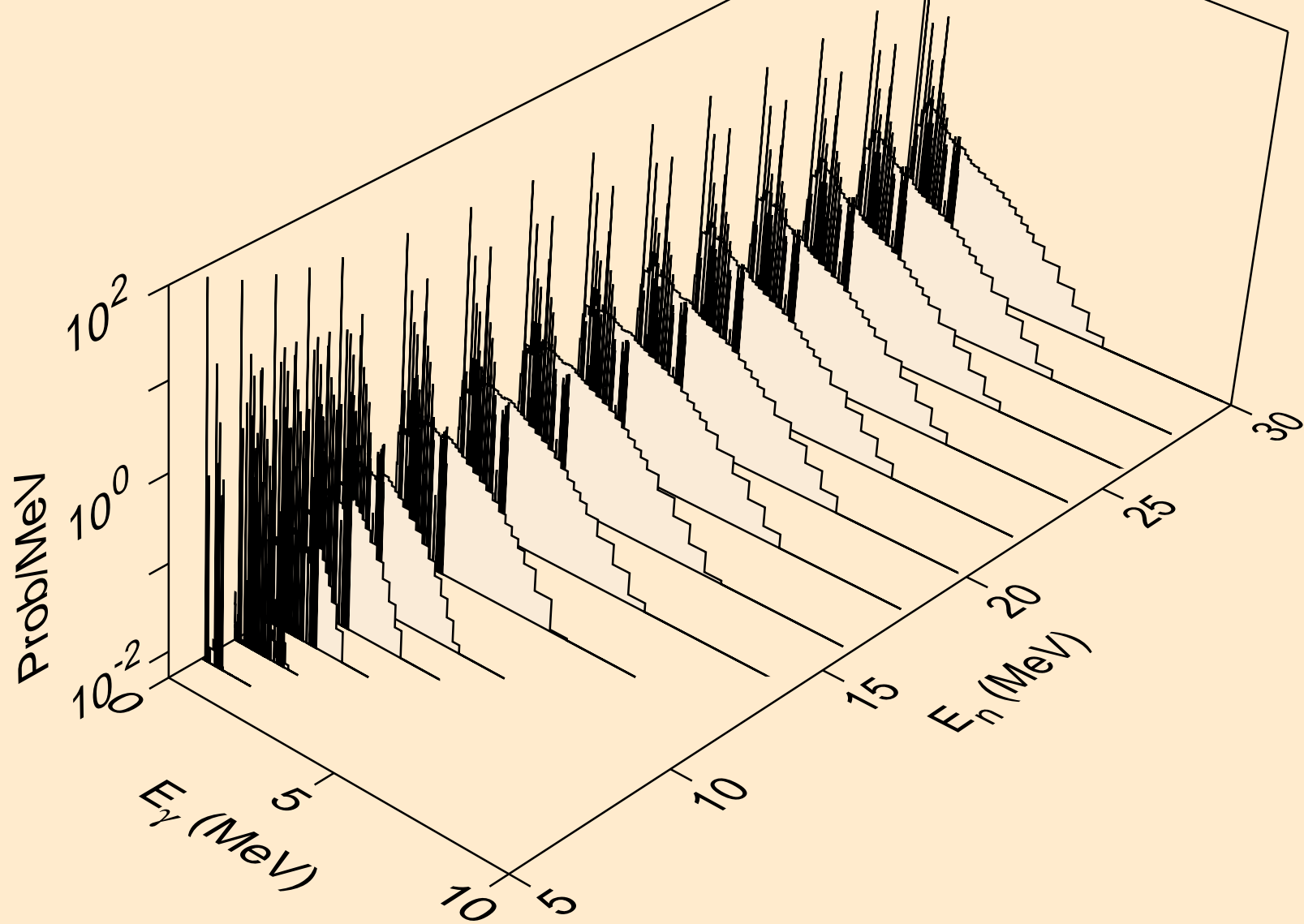
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Photon emission for (z,x)



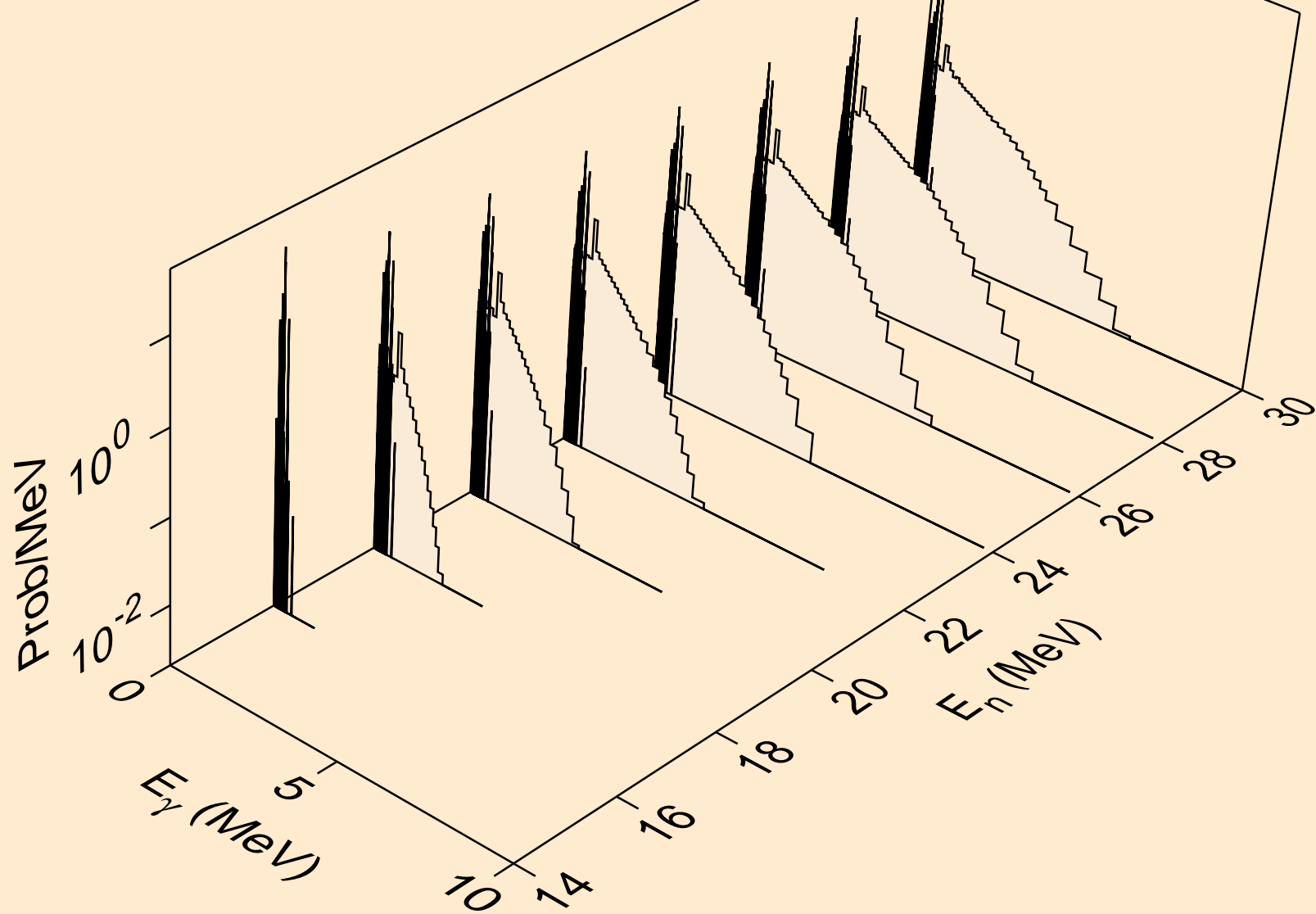
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



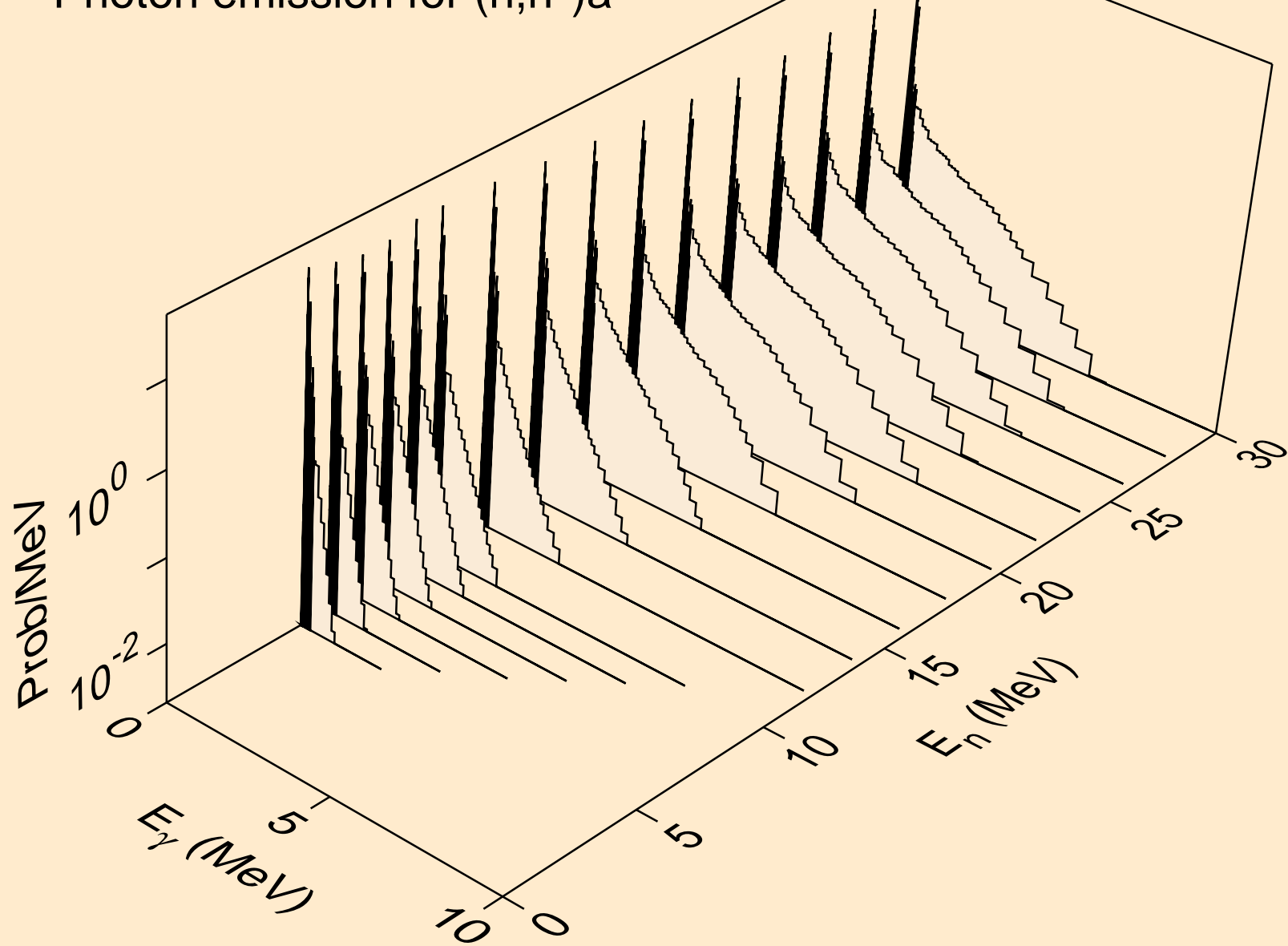
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



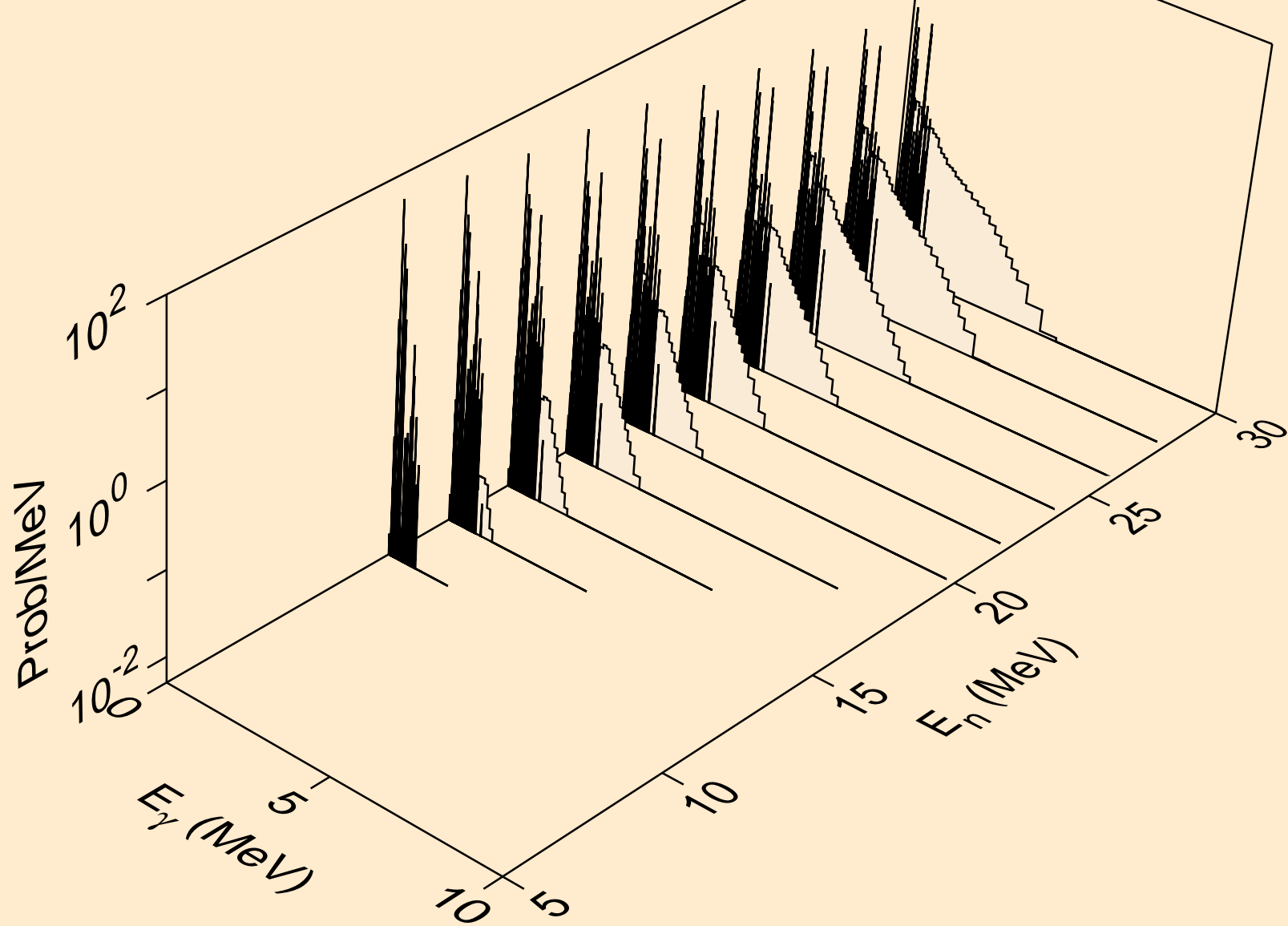
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



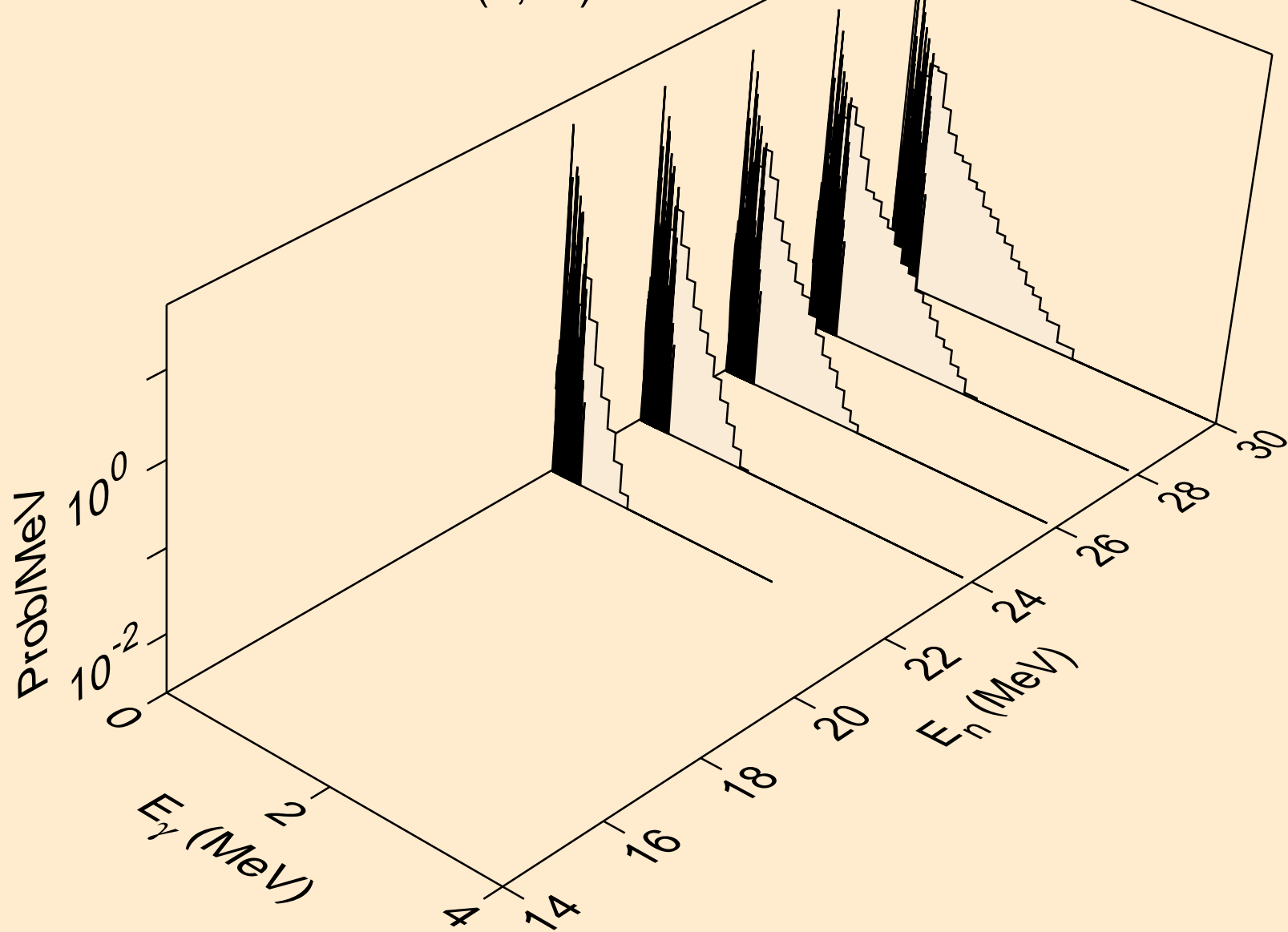
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



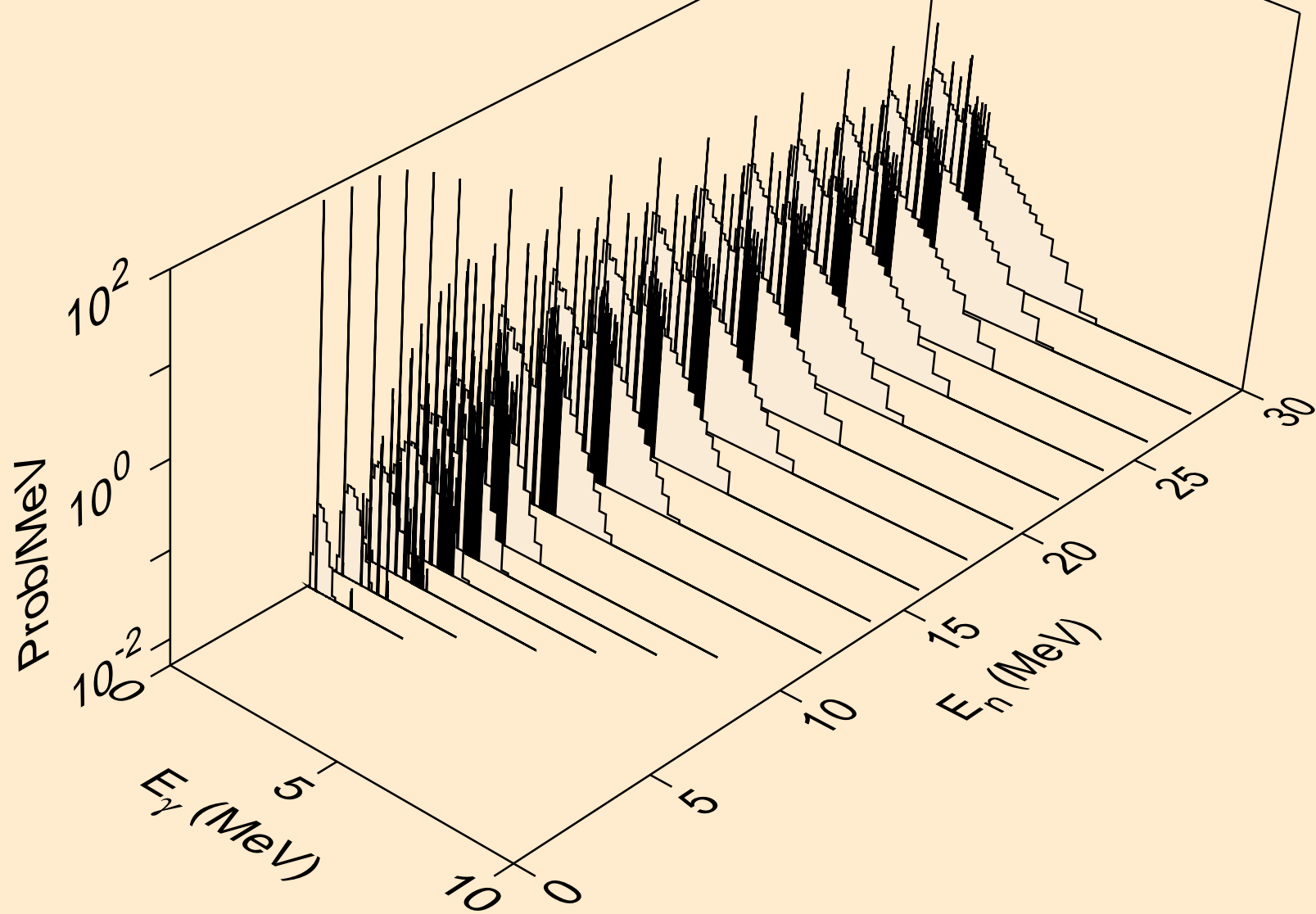
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

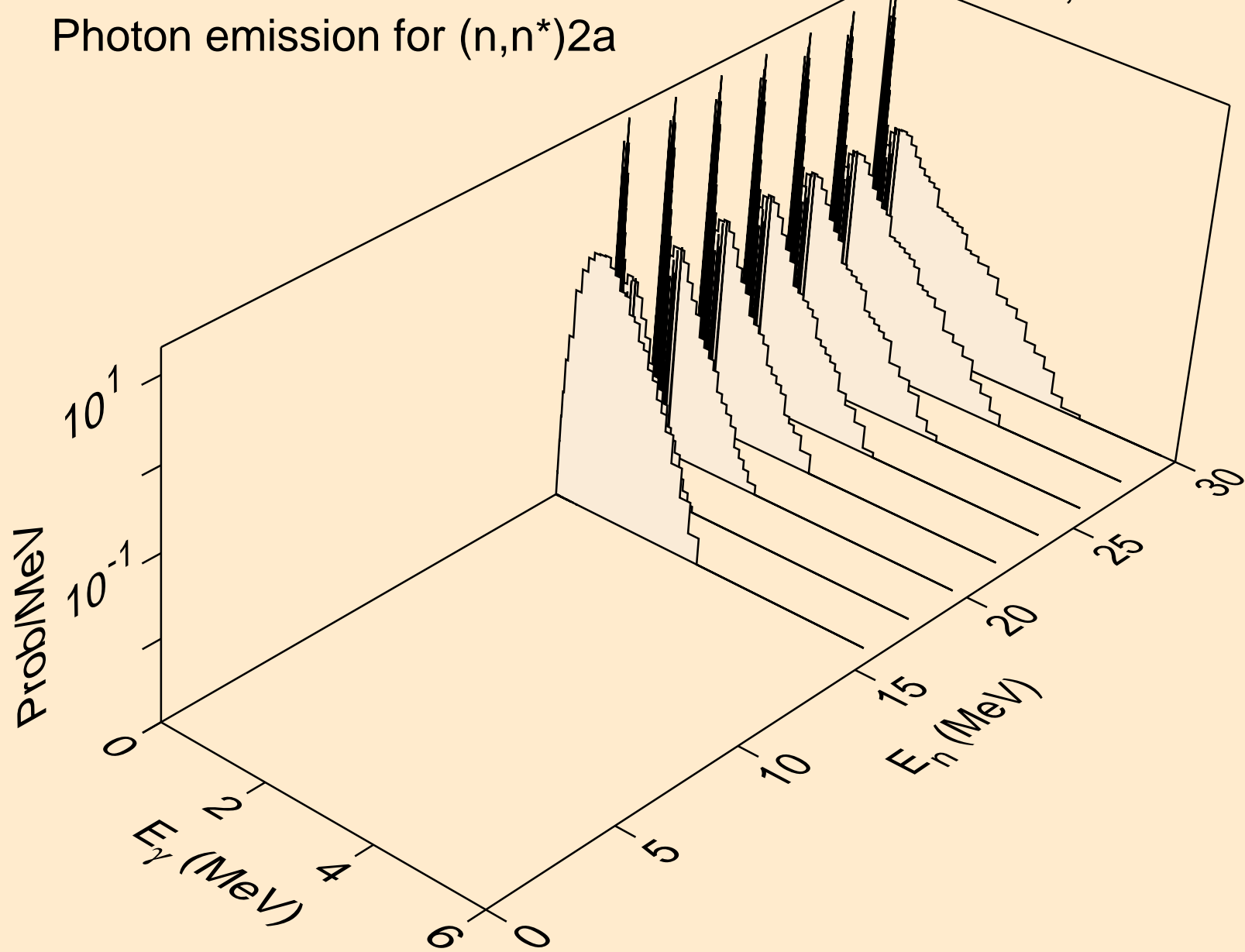


CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

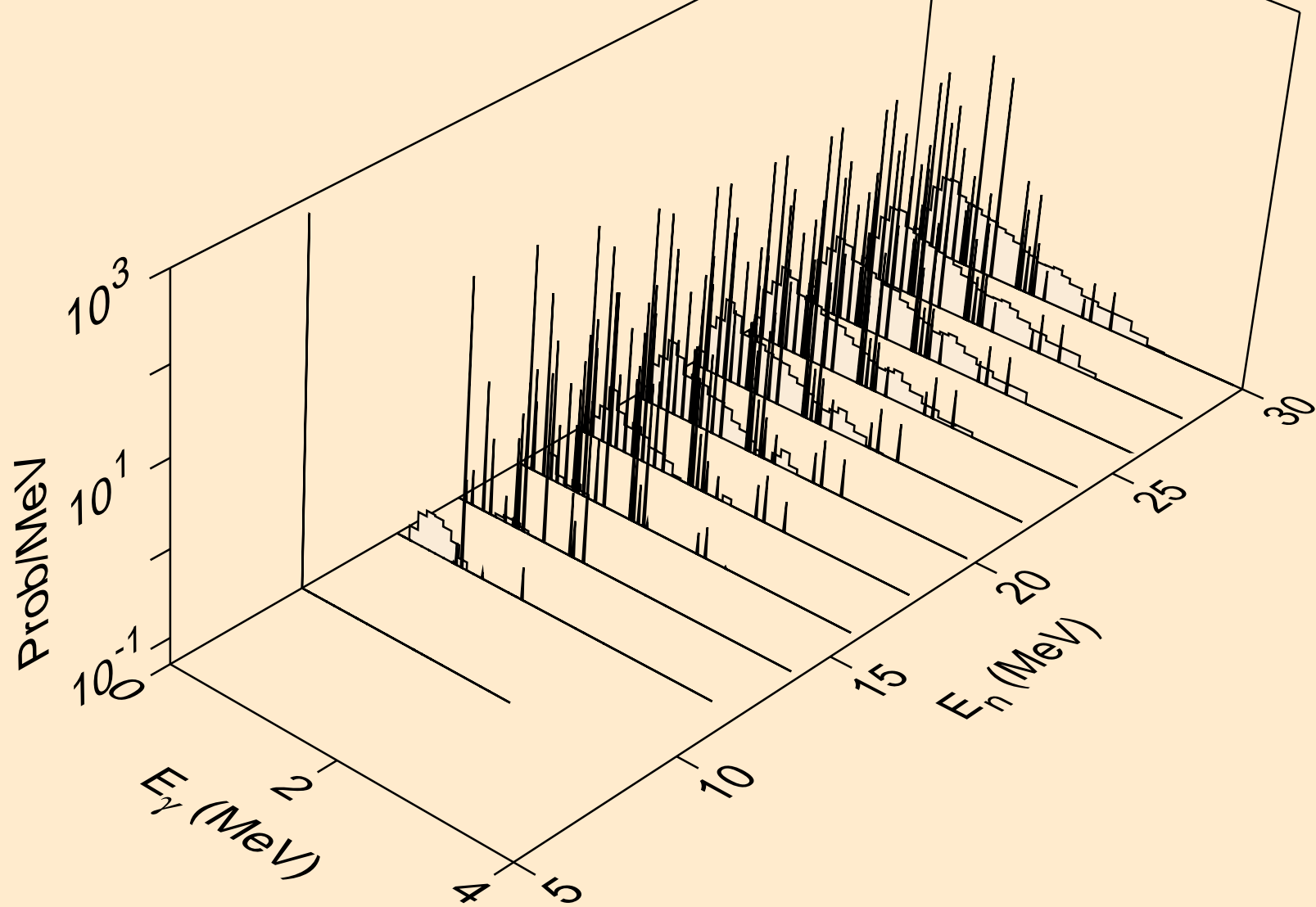




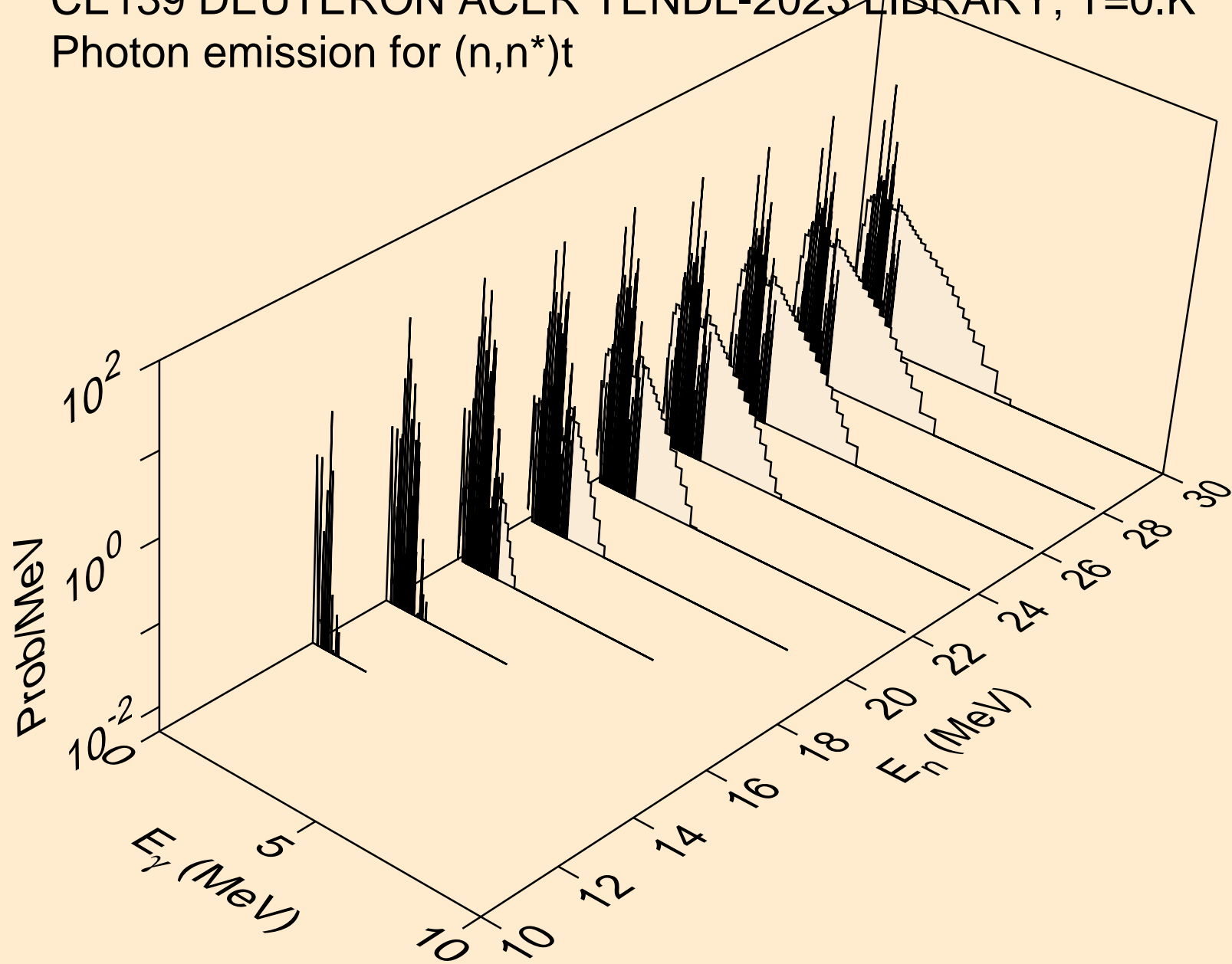
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Photon emission for (n,n\*)2a



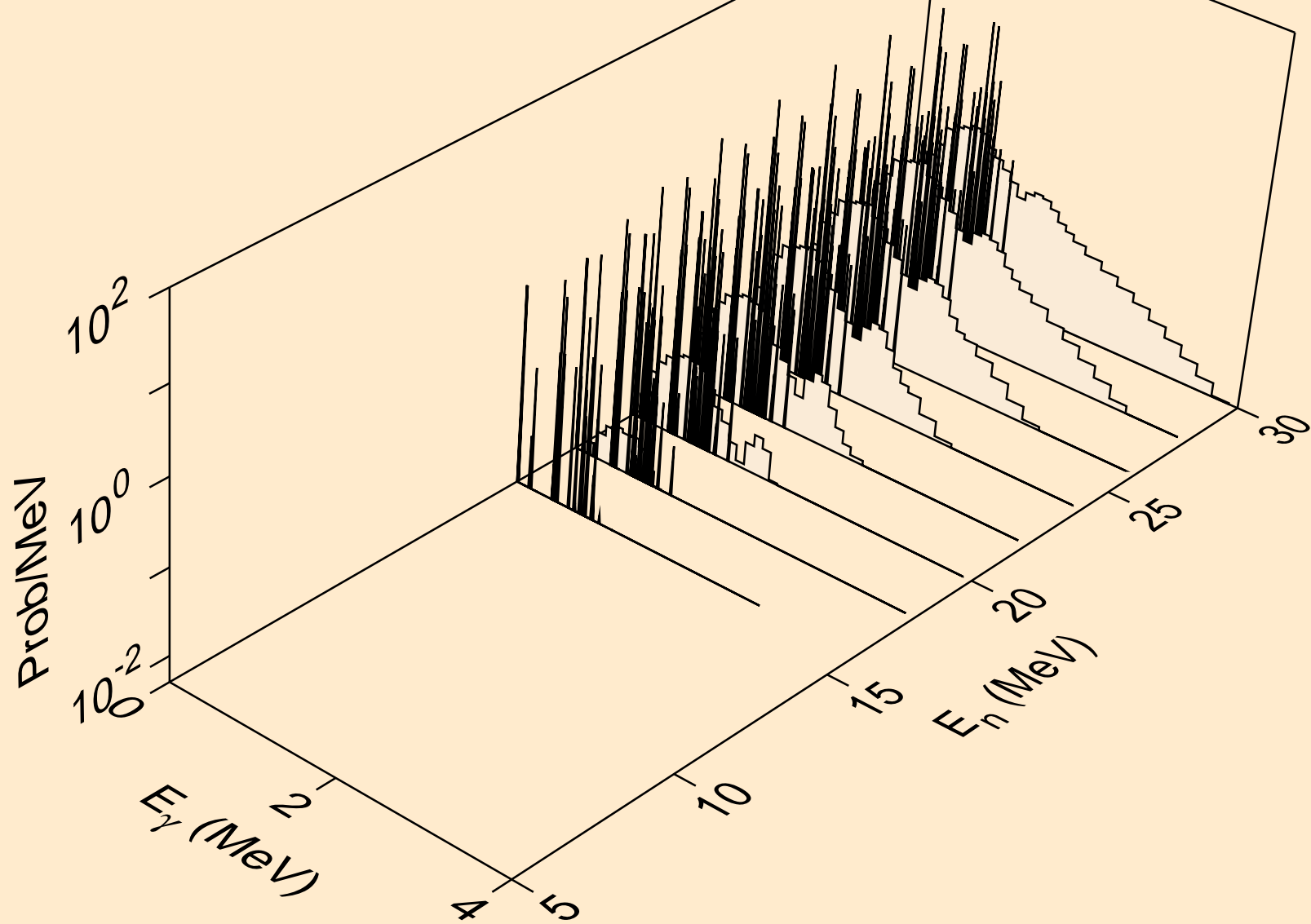
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Photon emission for (n,n\*)d



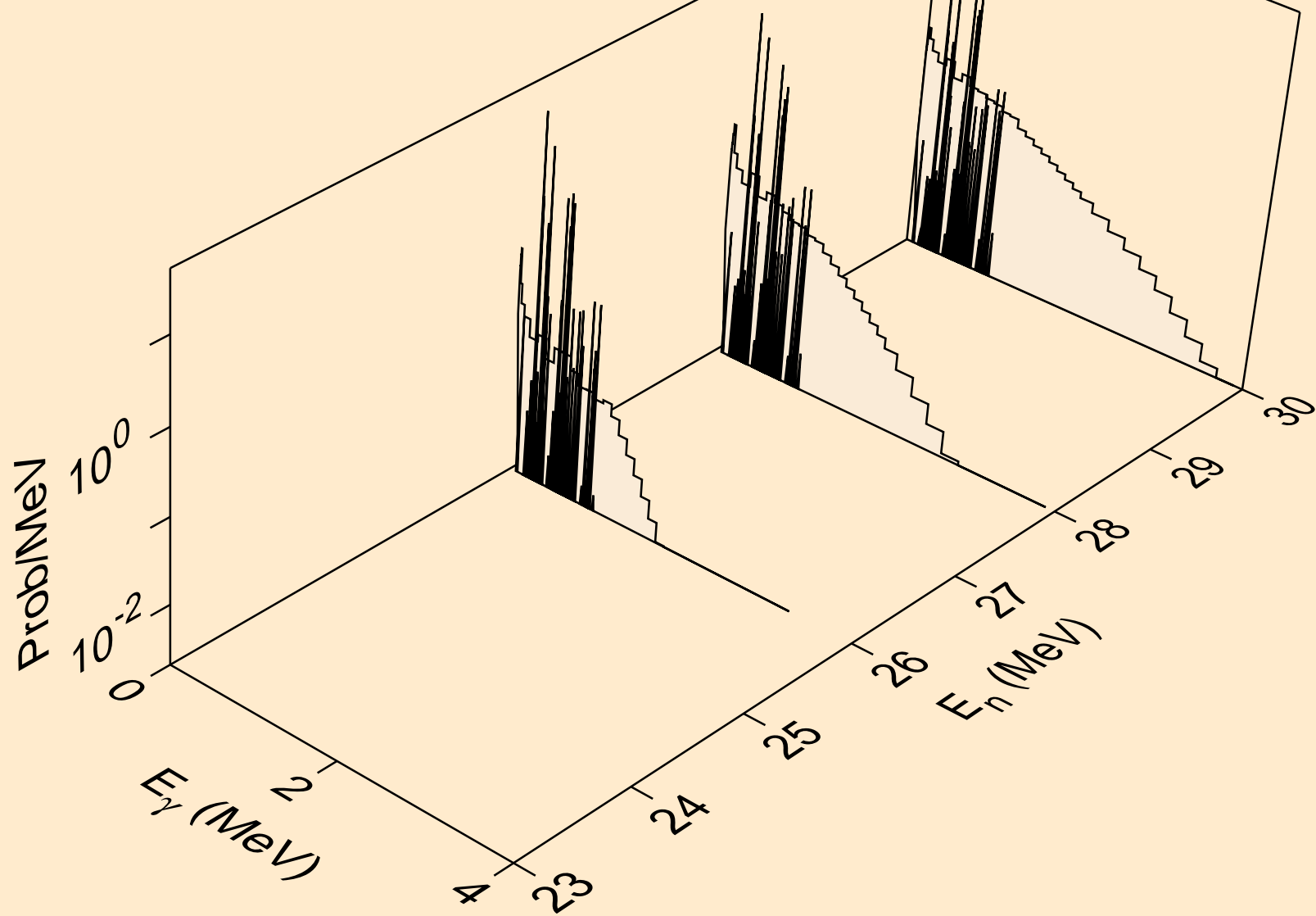
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



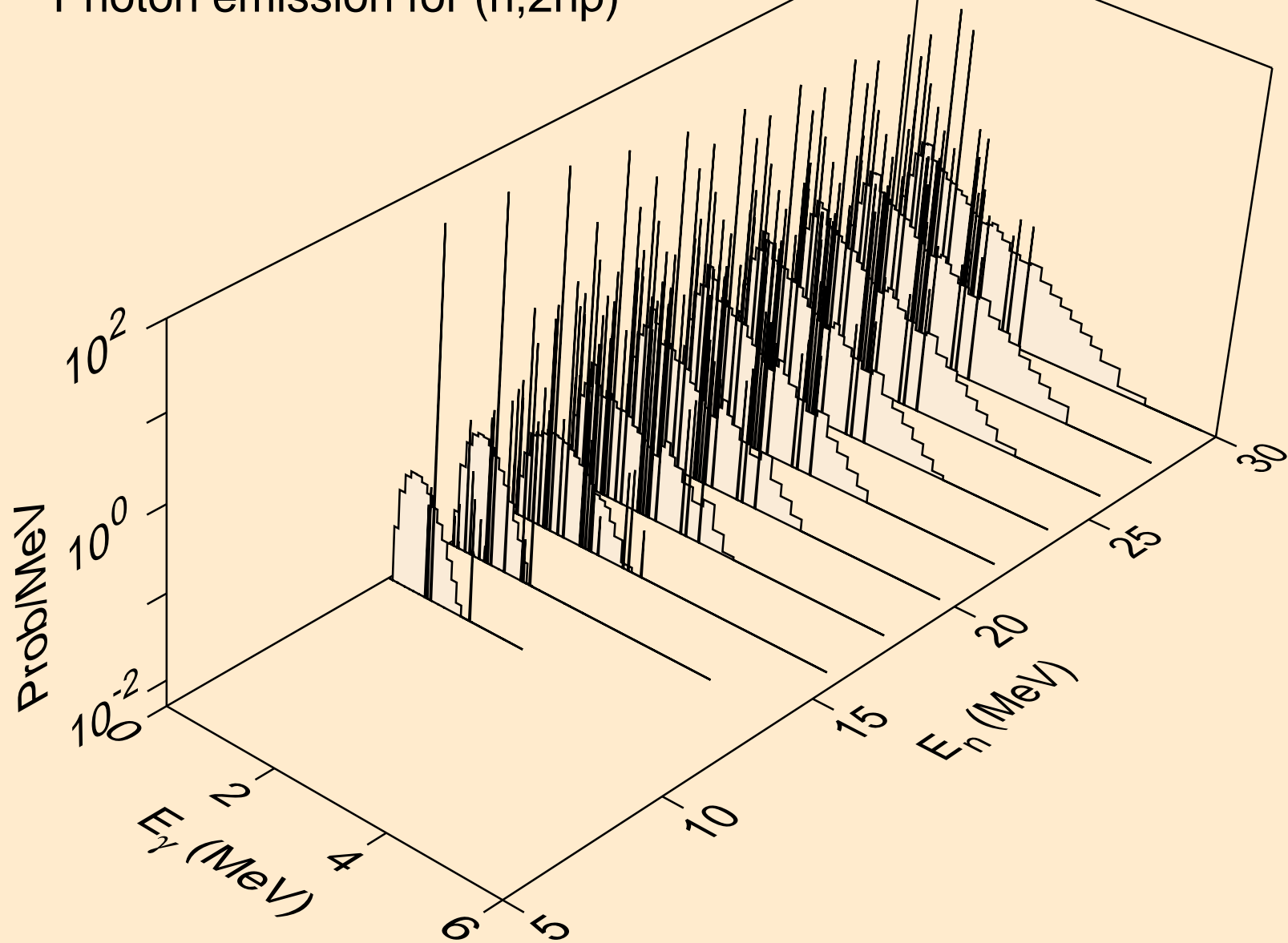
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



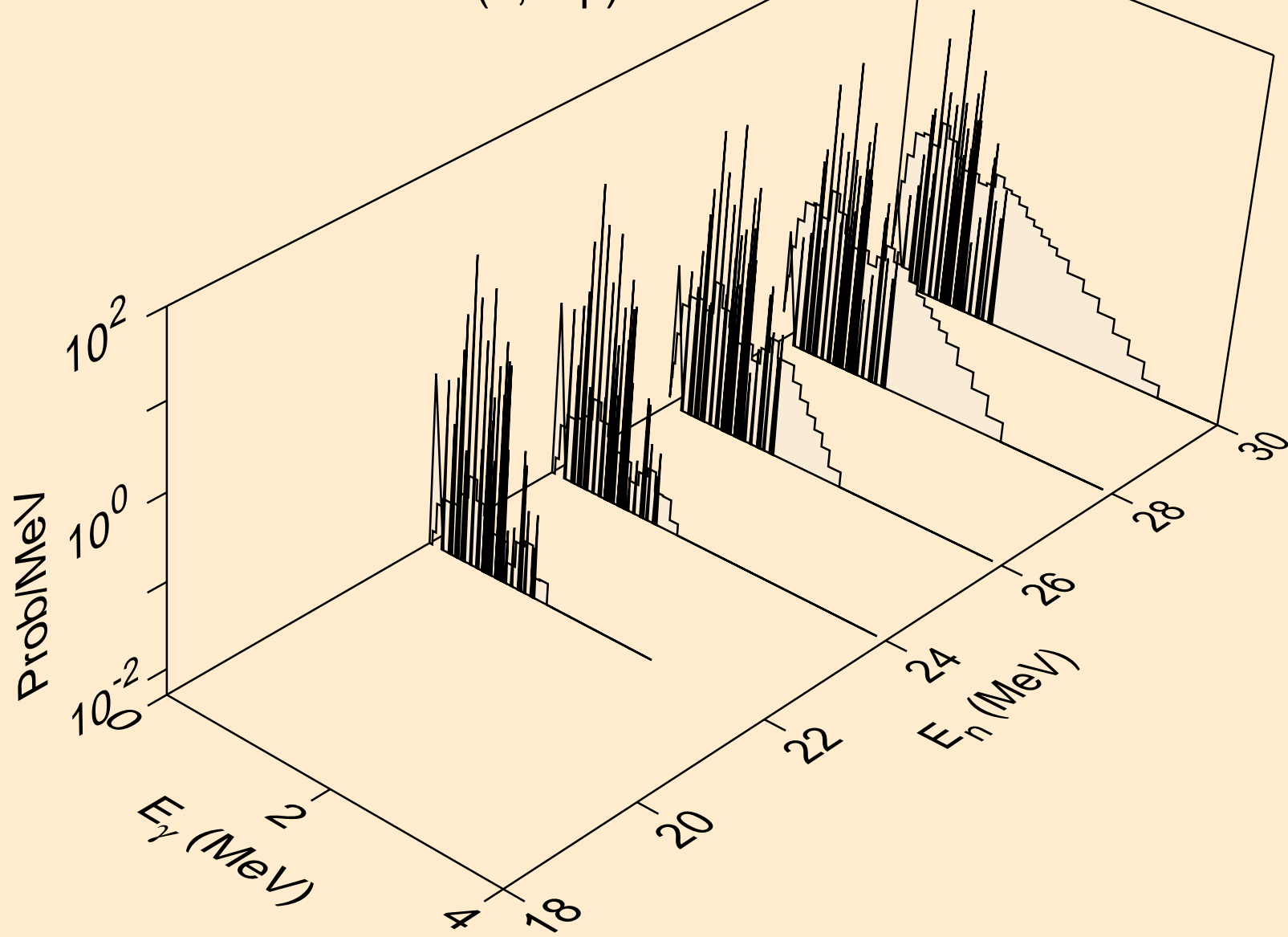
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



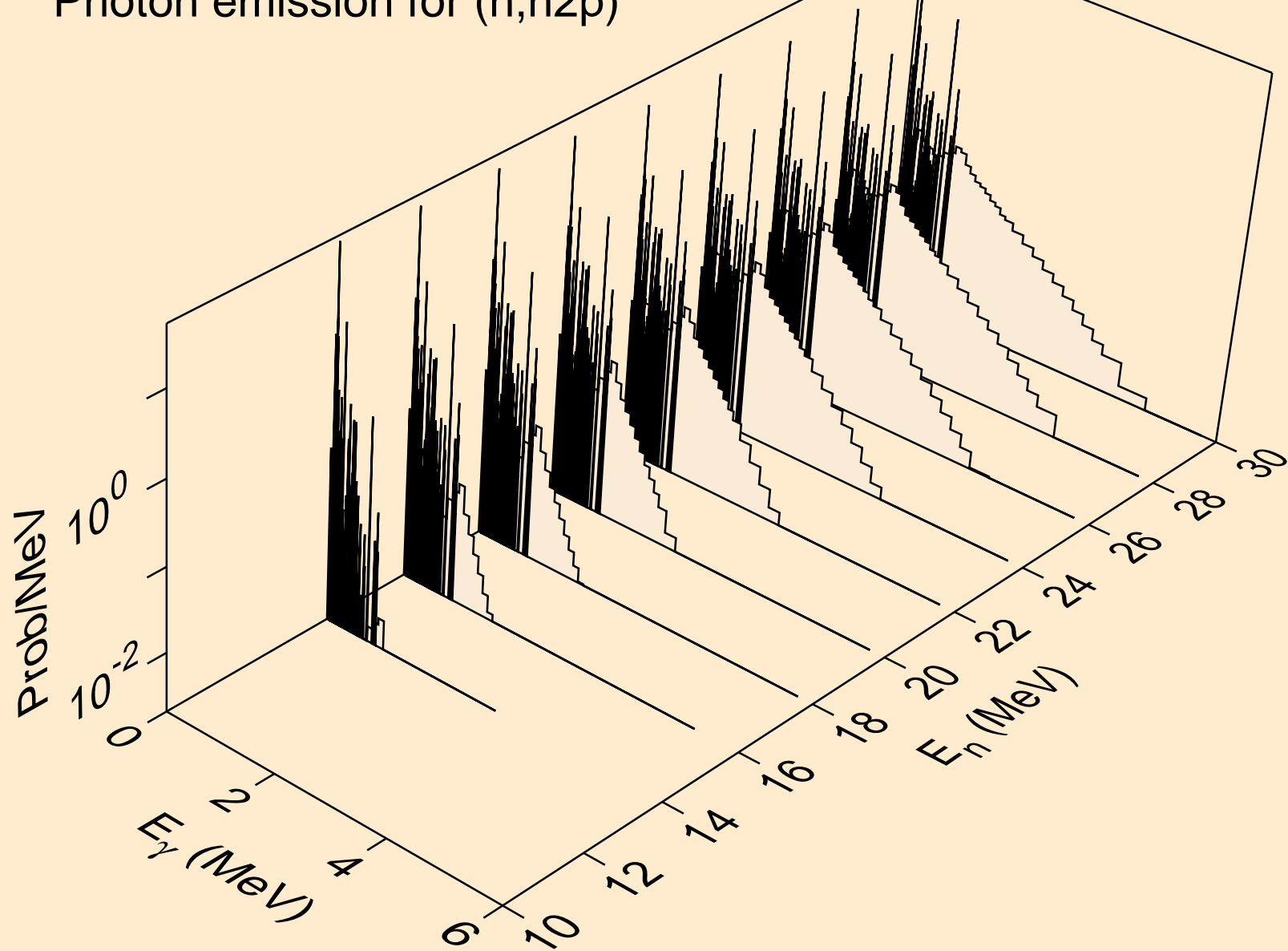
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

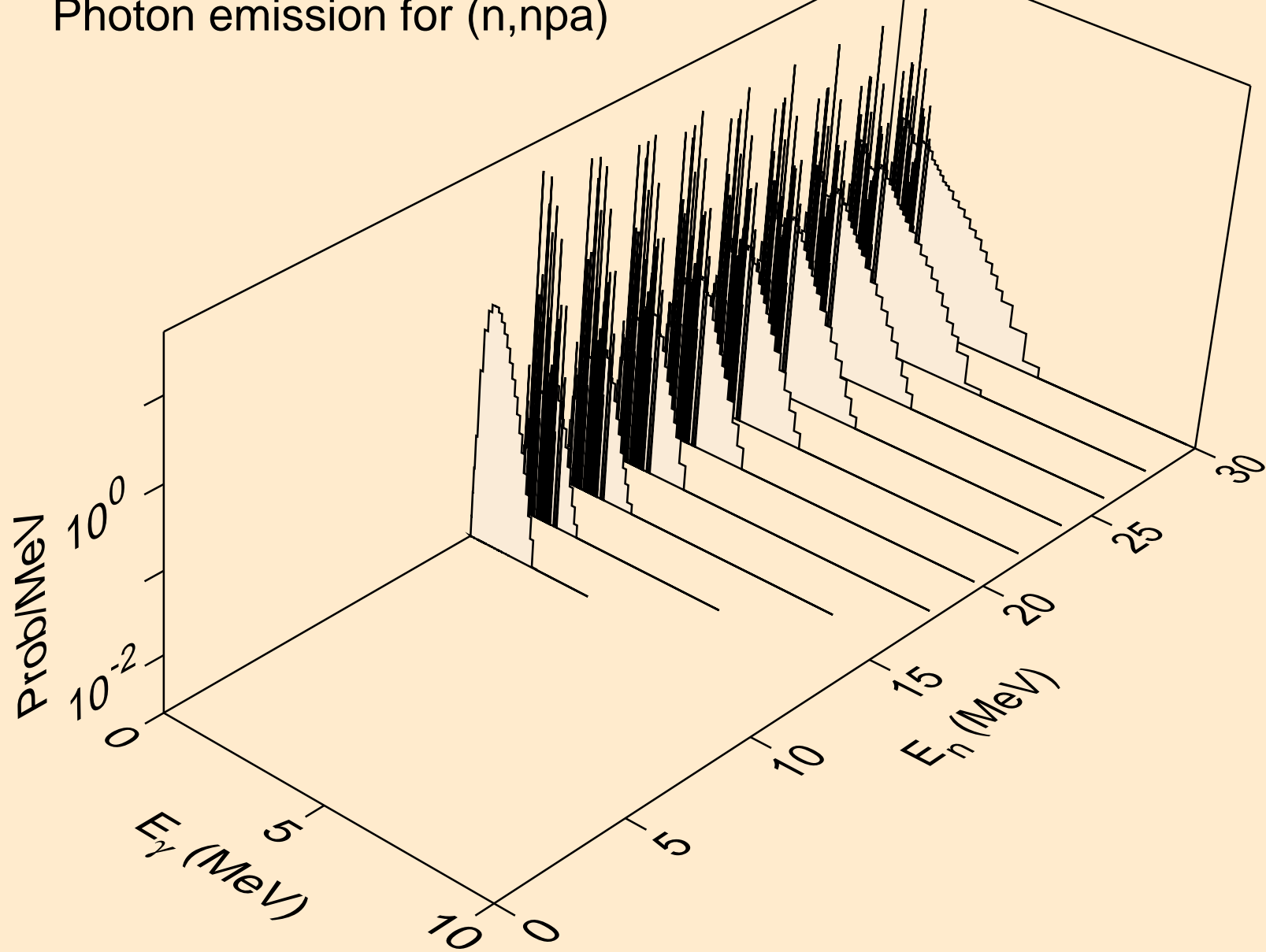


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Photon emission for (n,n2p)

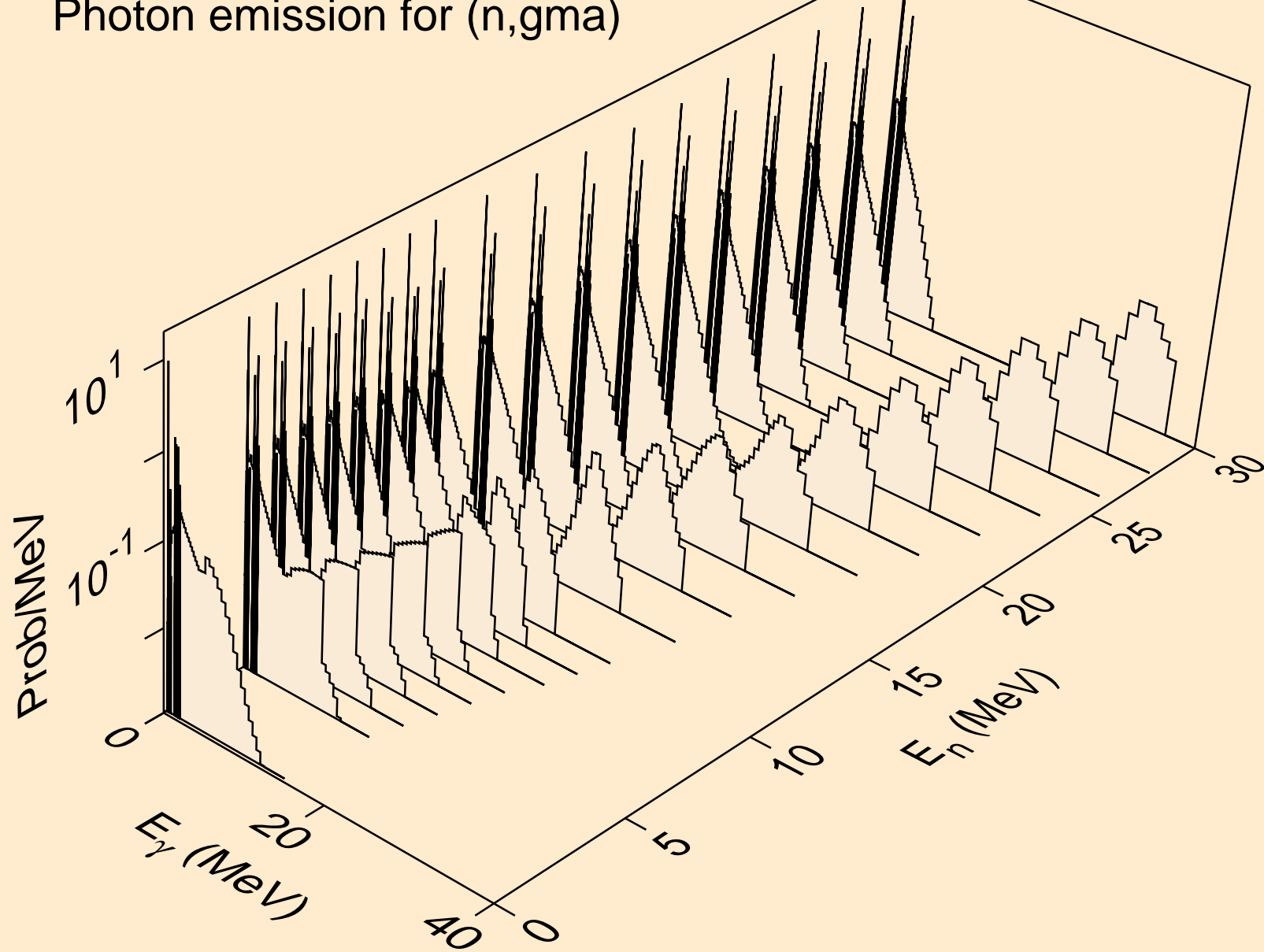




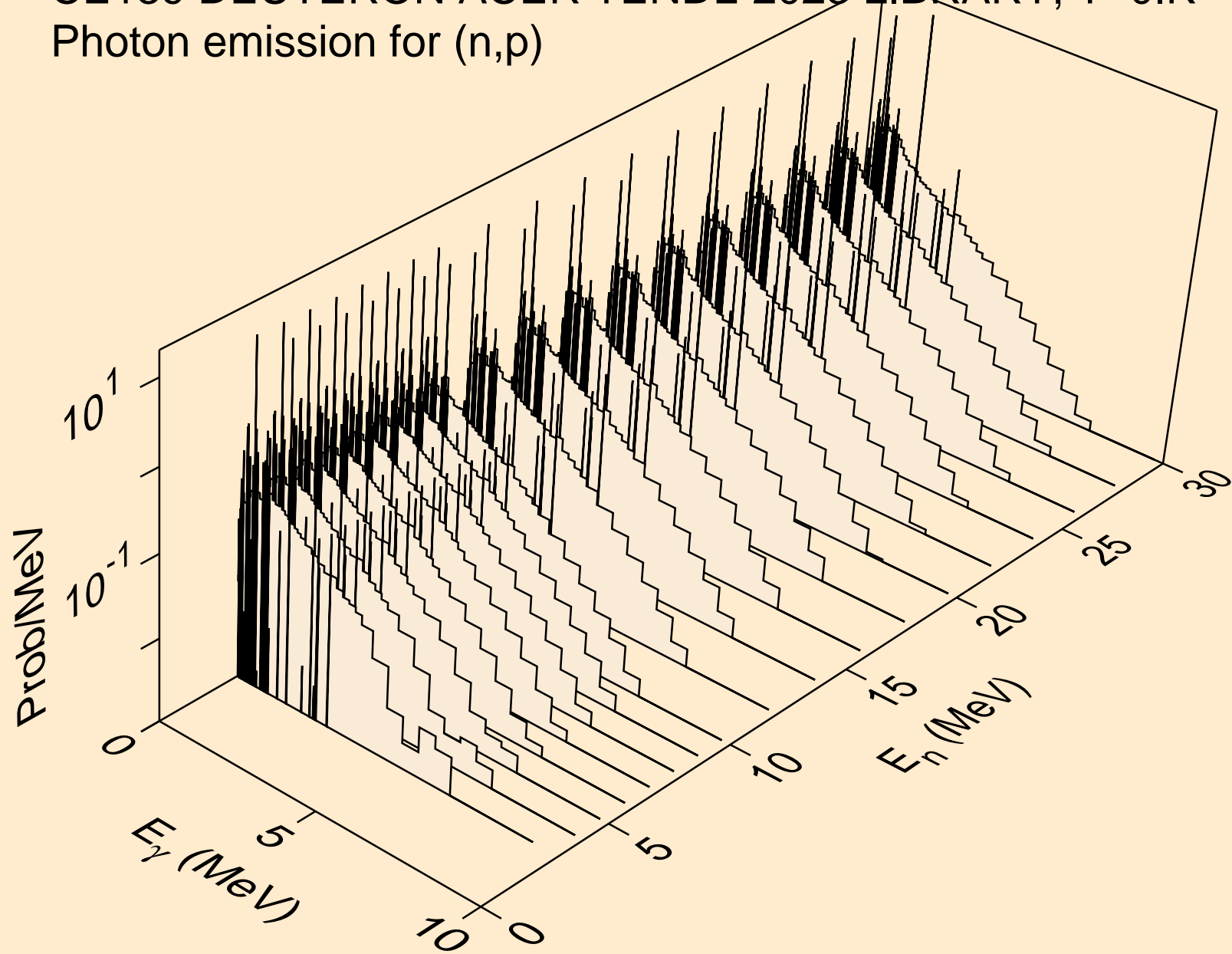
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Photon emission for (n,npa)



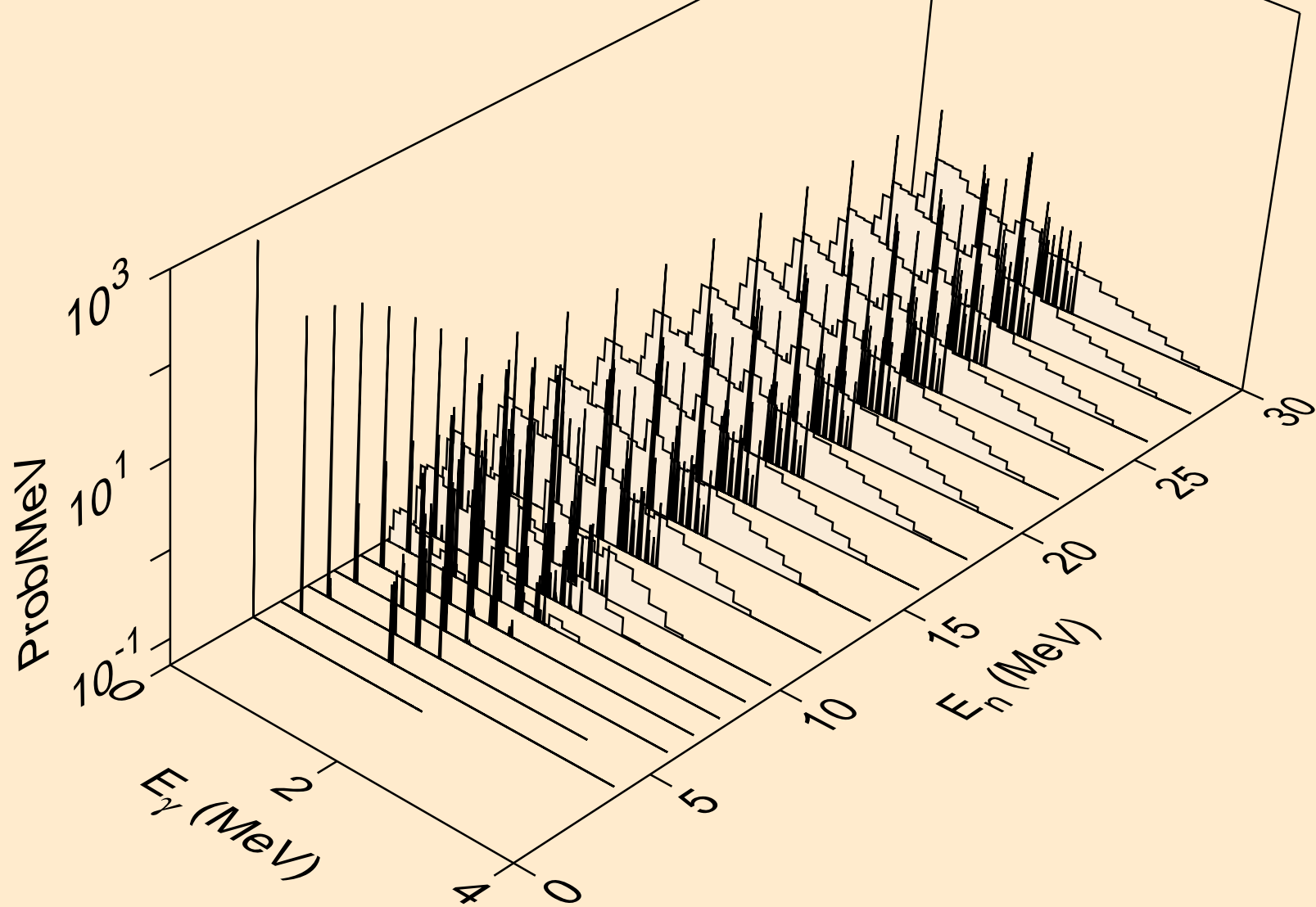
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Photon emission for (n,gma)



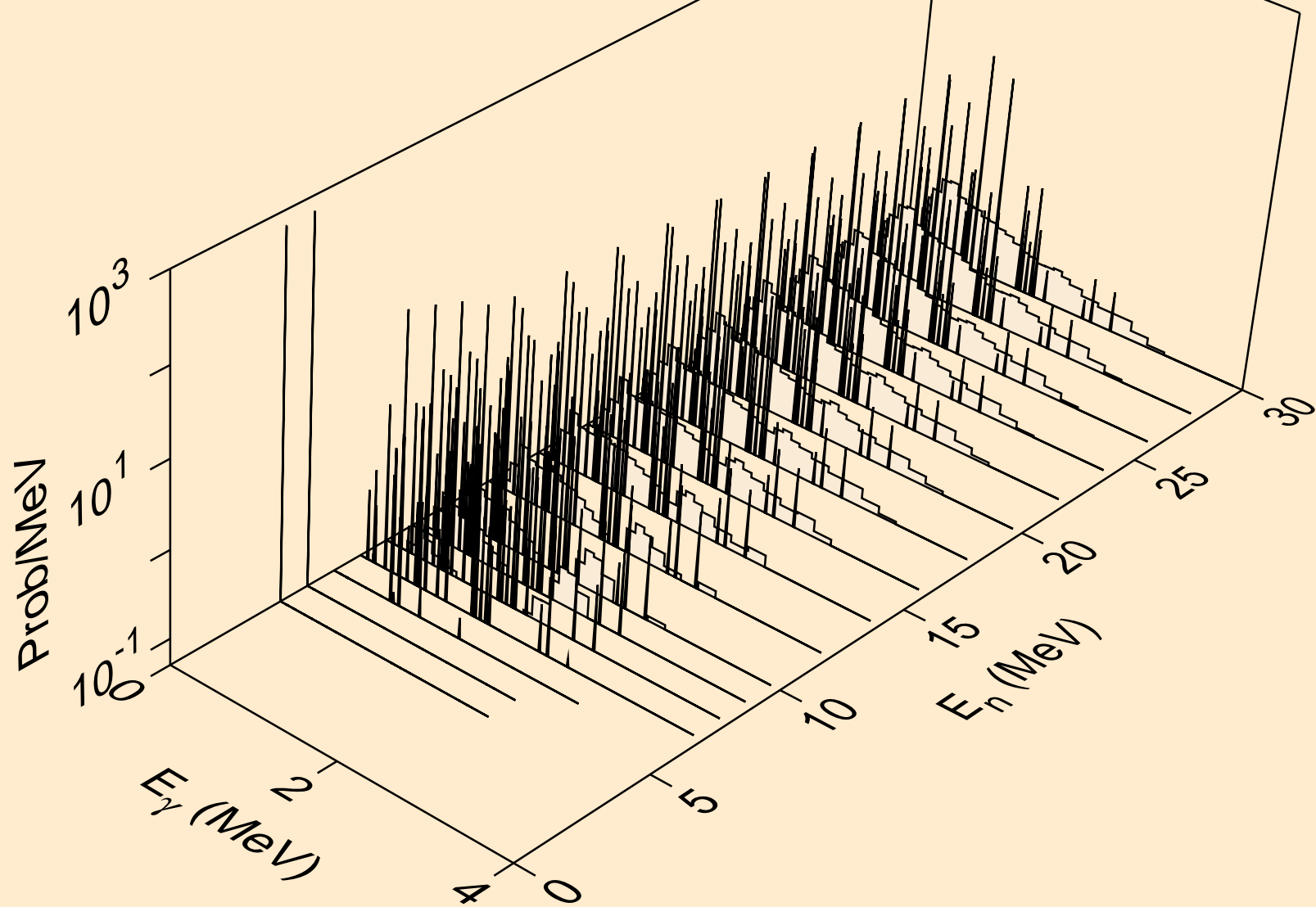
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Photon emission for (n,p)



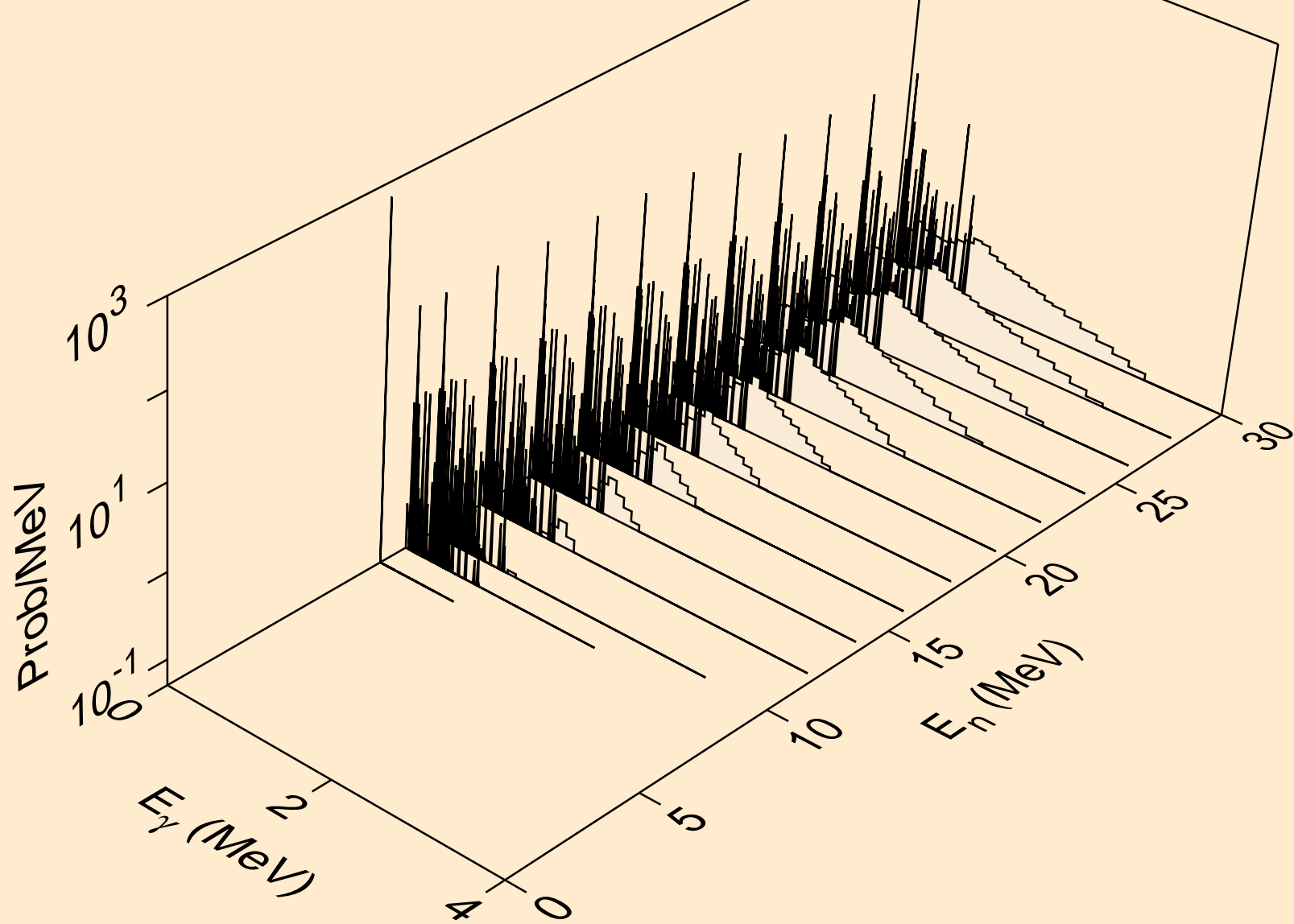
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



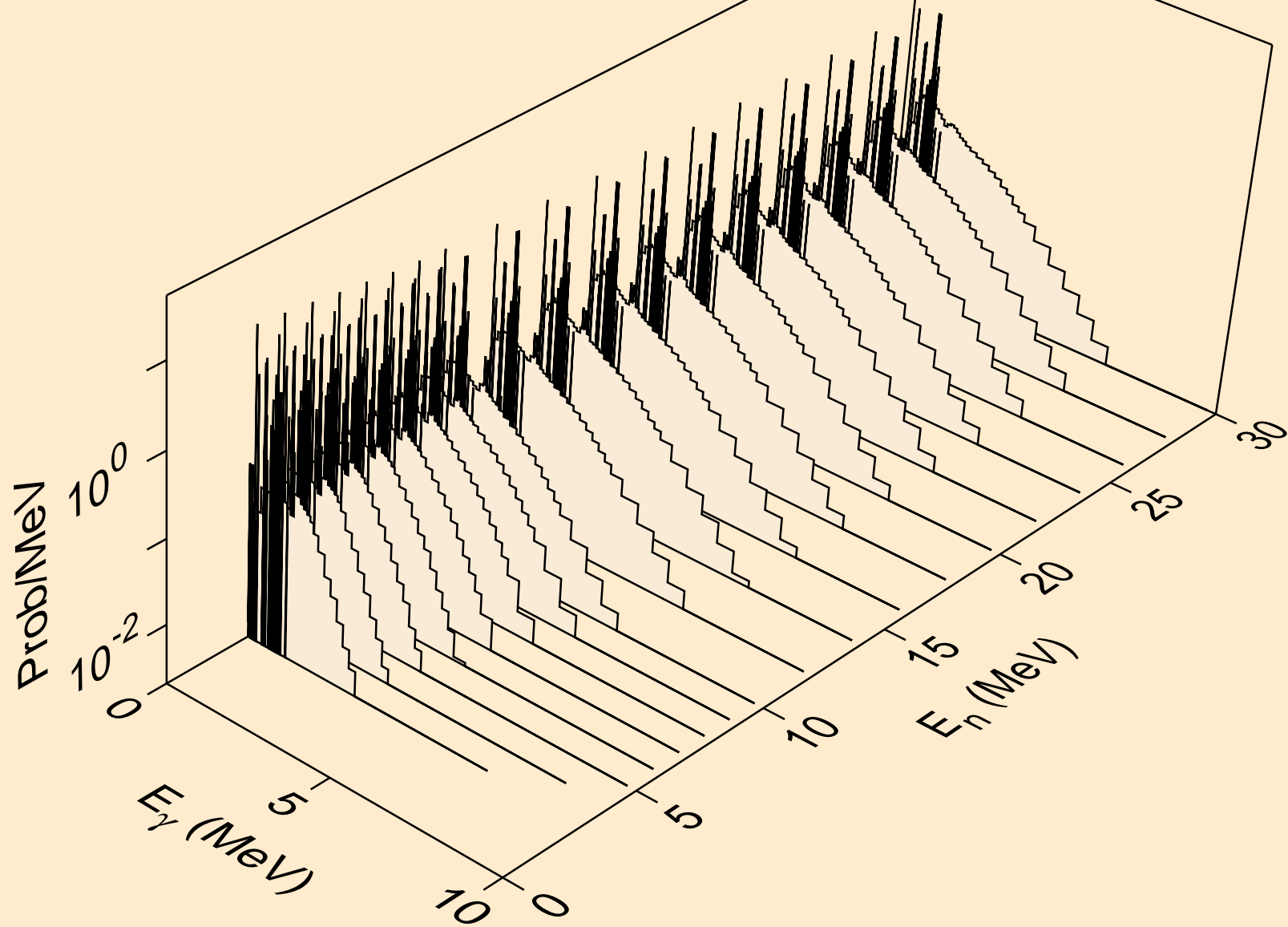
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Photon emission for (n,t)



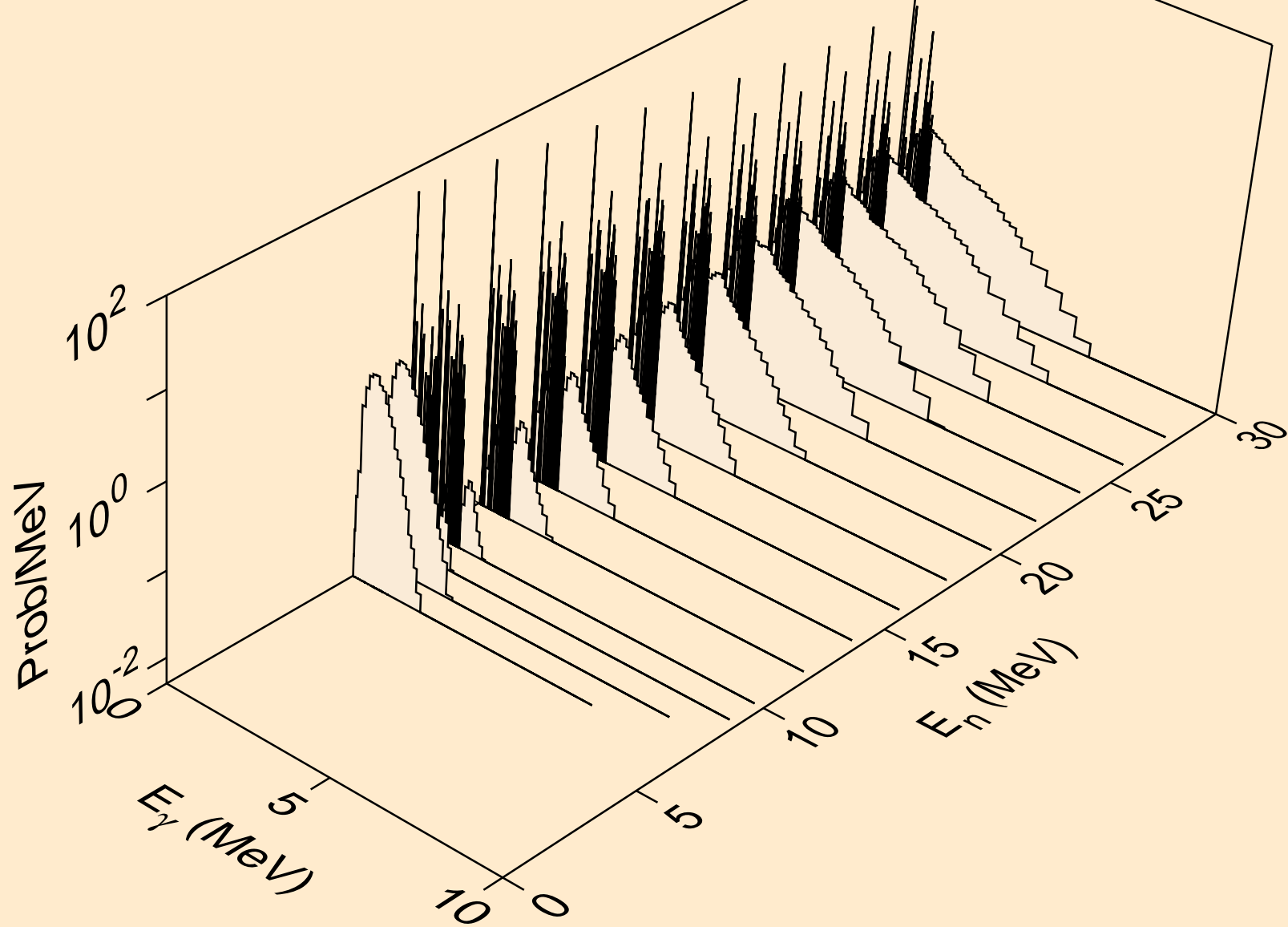
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

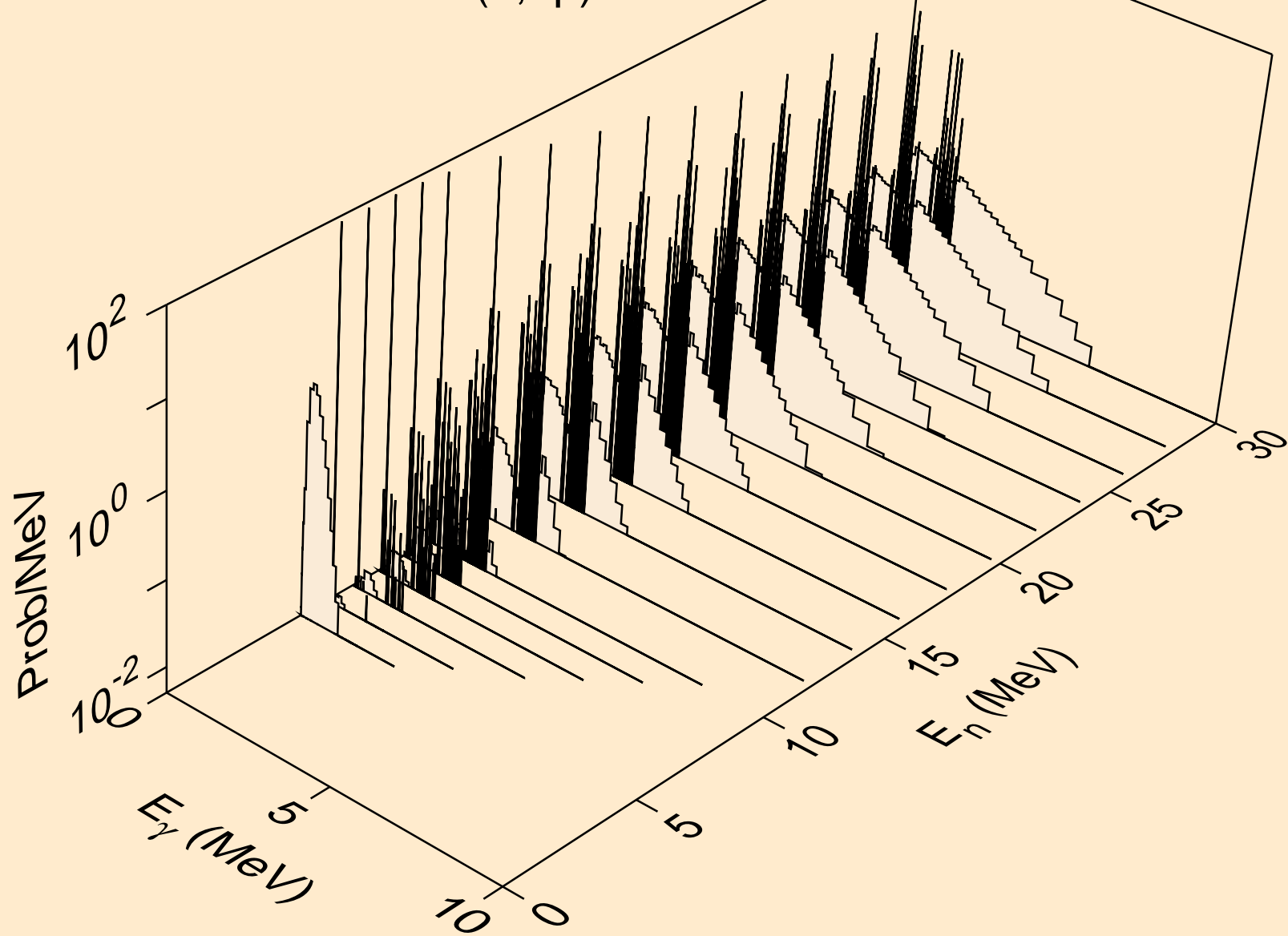


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Photon emission for (n,2a)

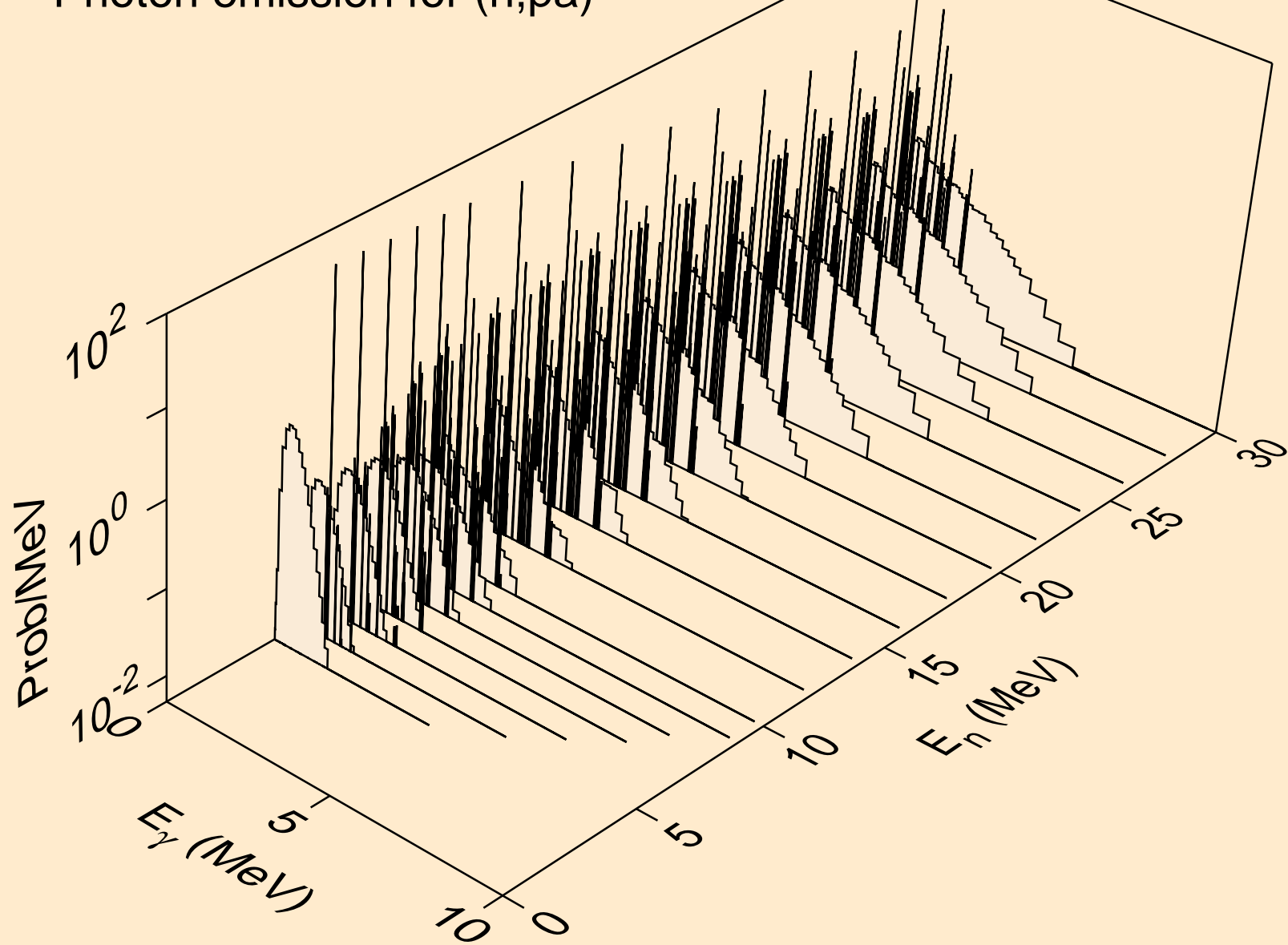




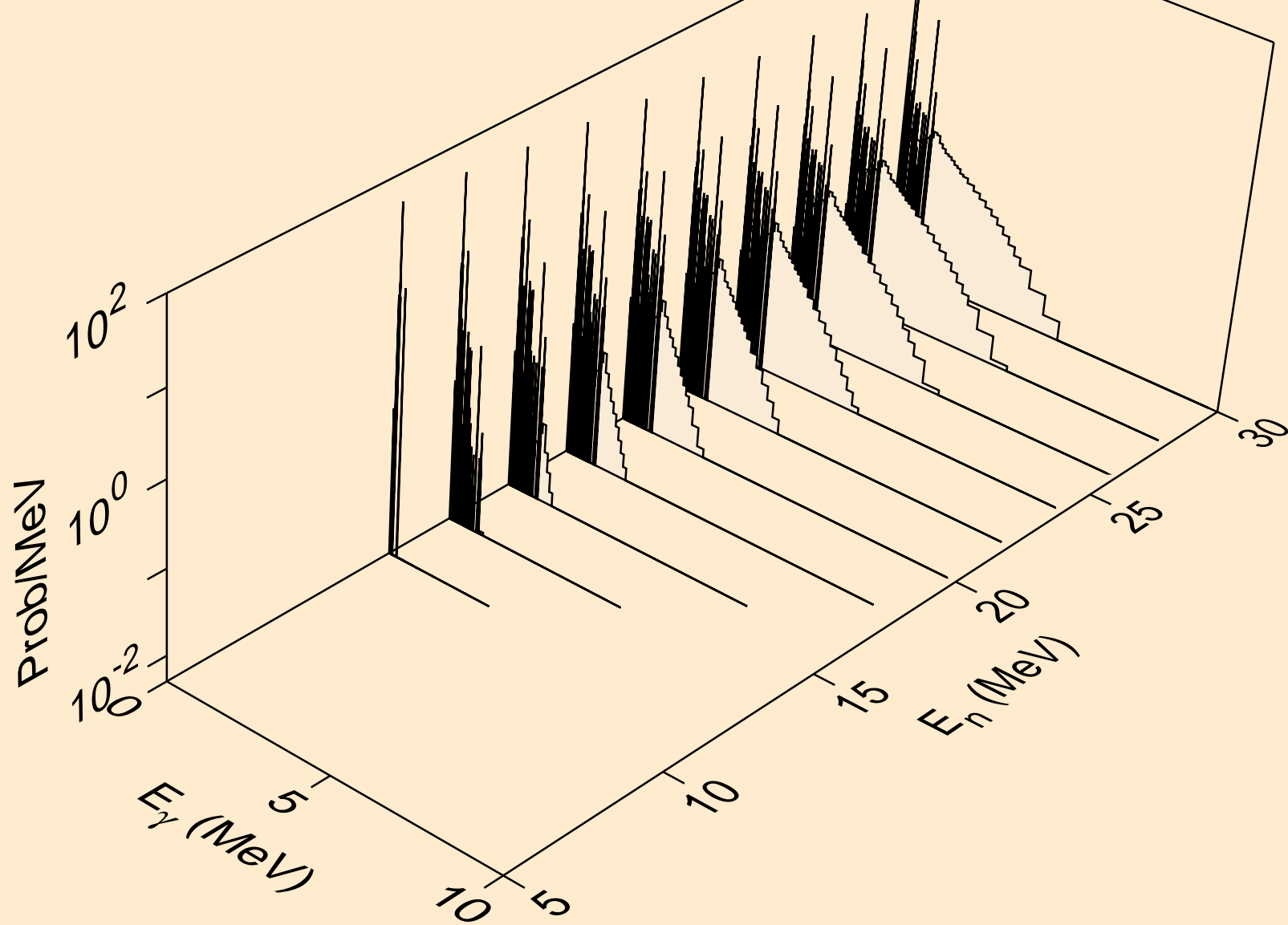
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Photon emission for (n,2p)



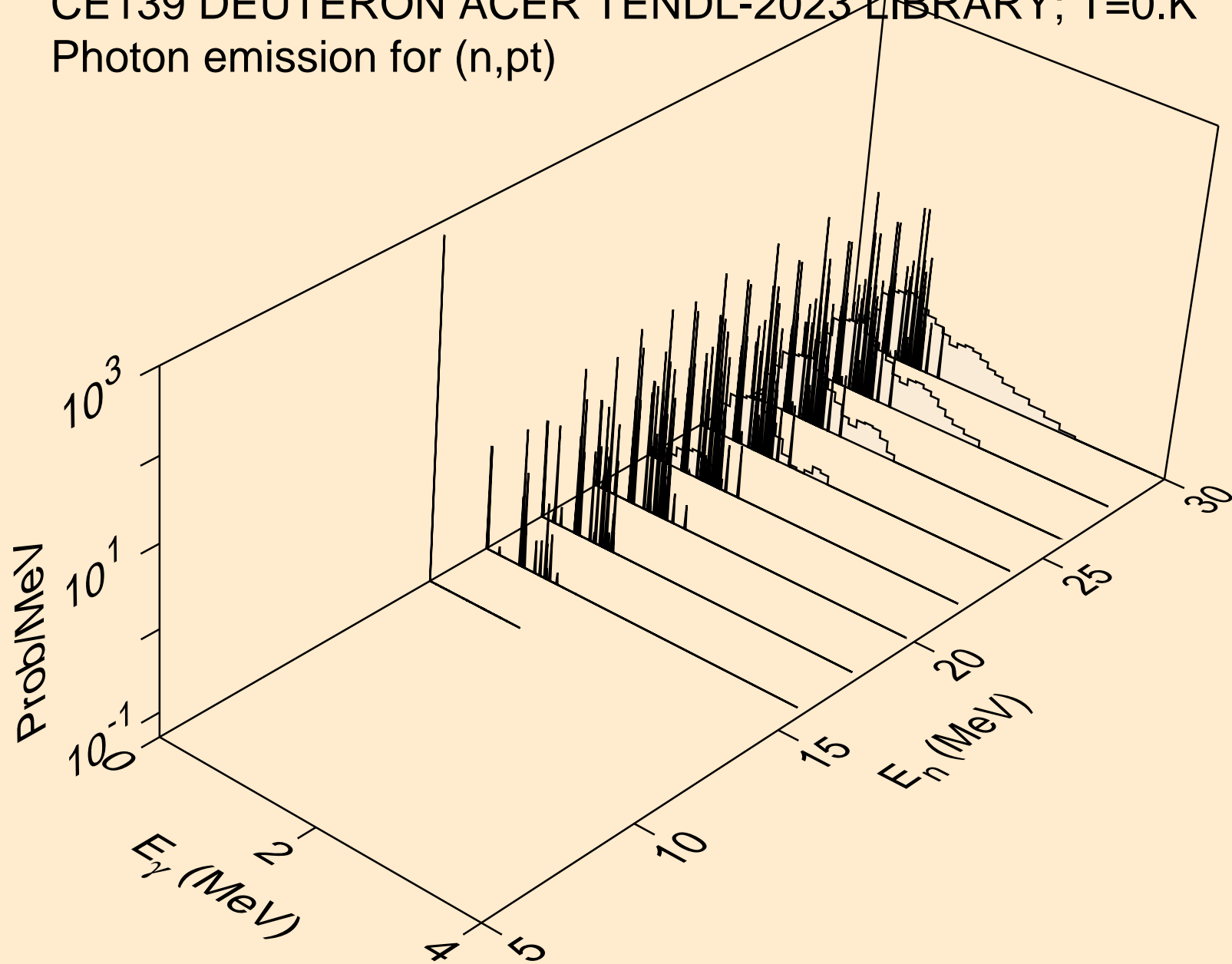
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Photon emission for (n,p)



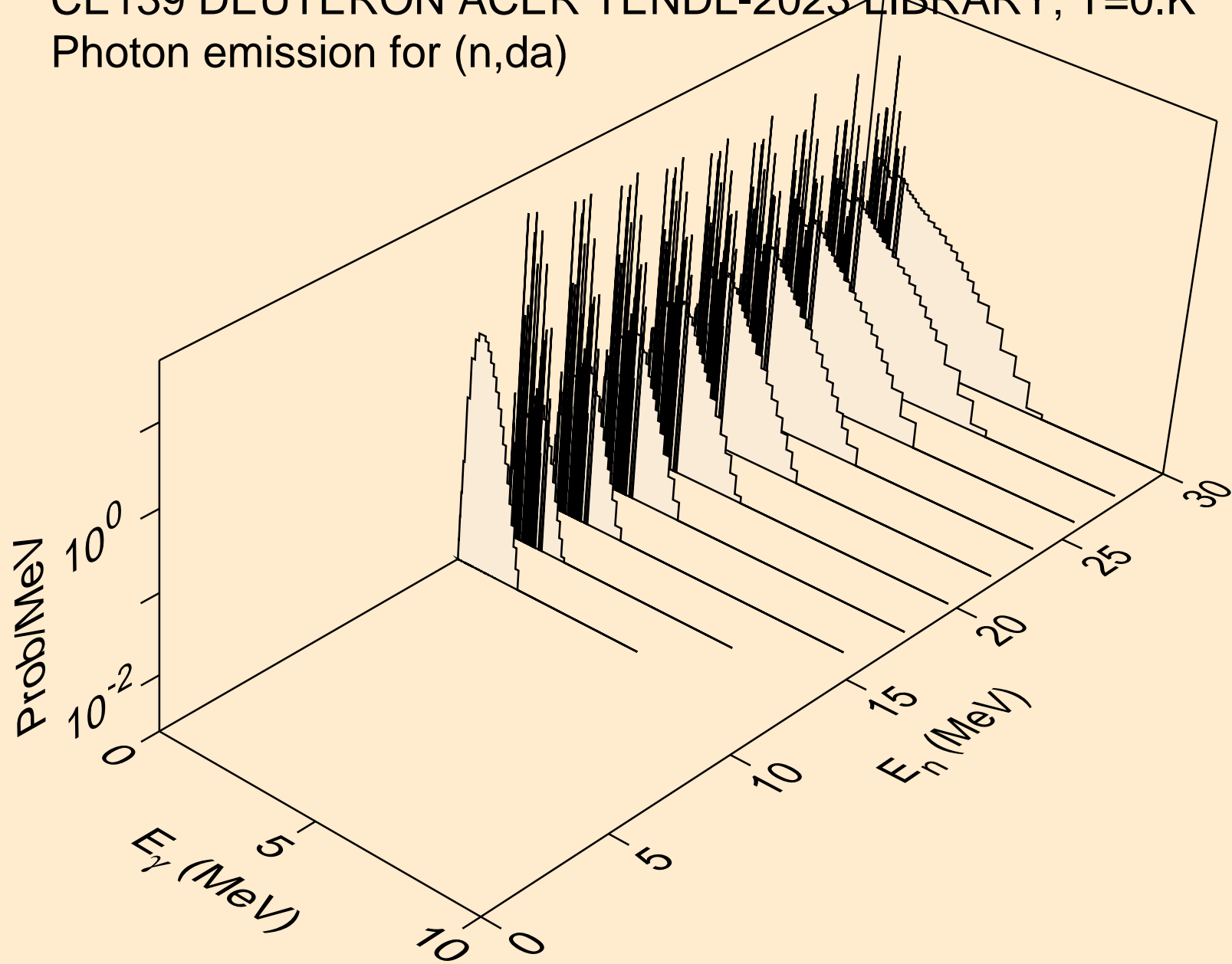
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

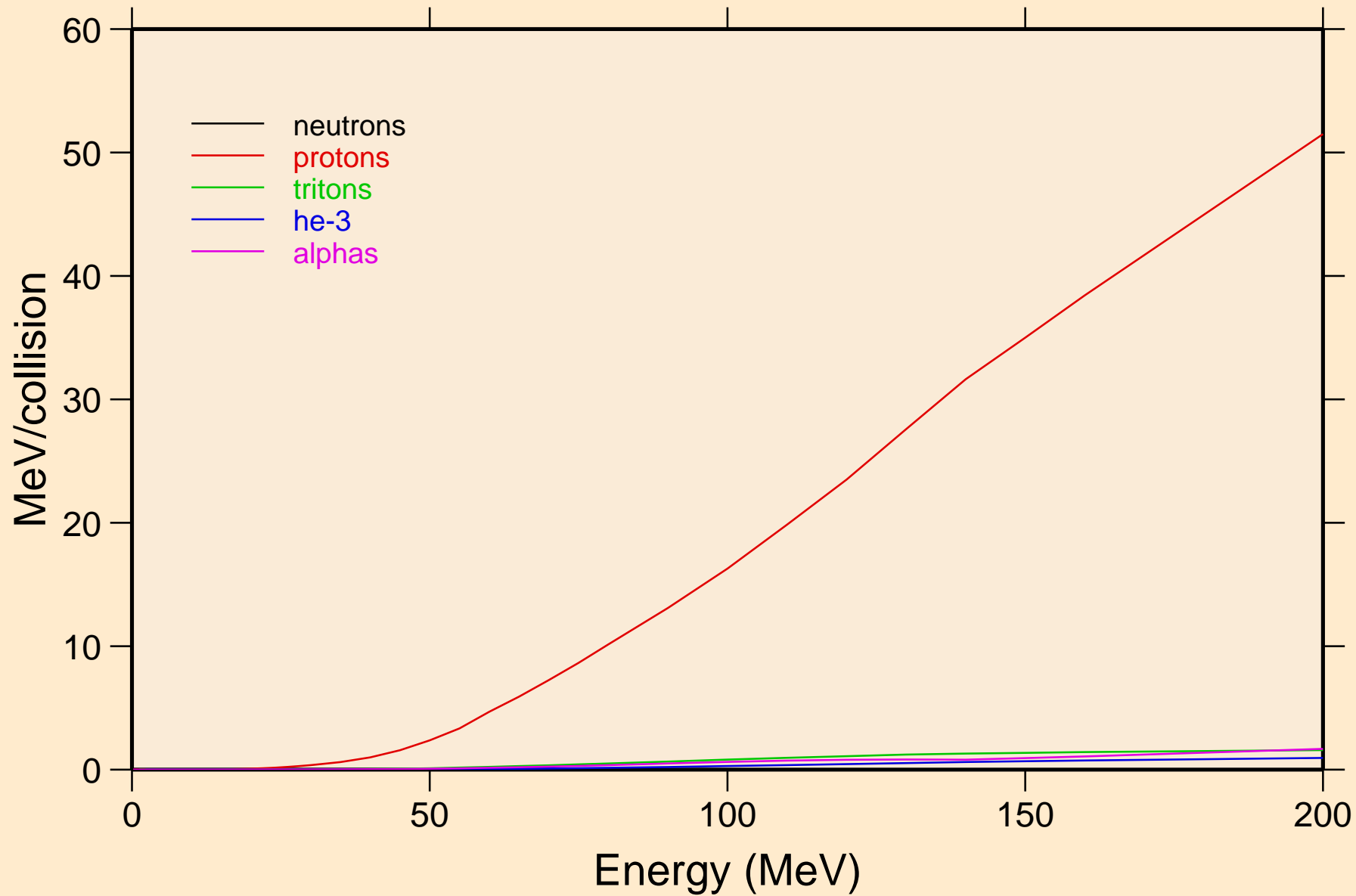


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Photon emission for (n,da)

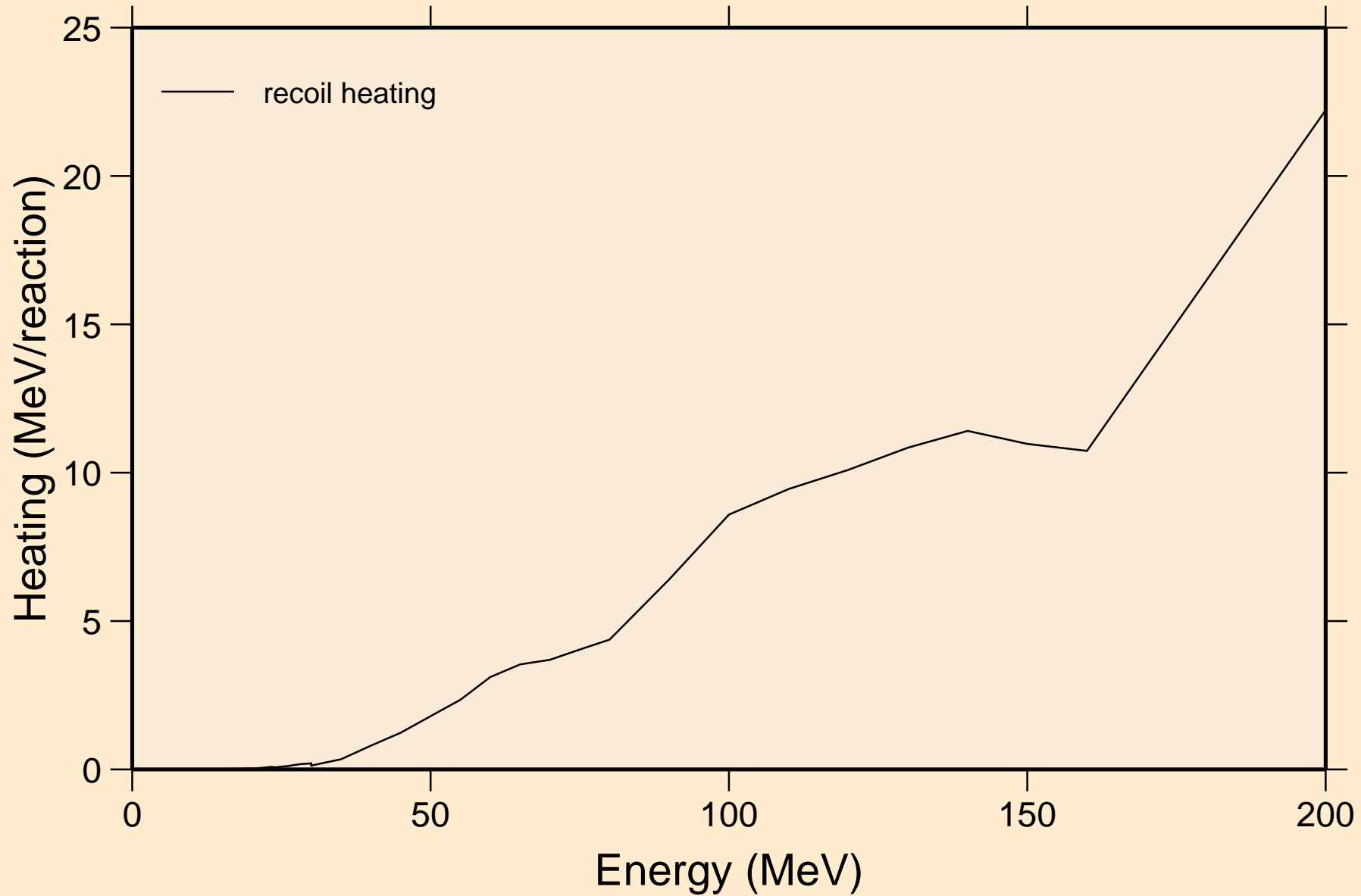


# CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

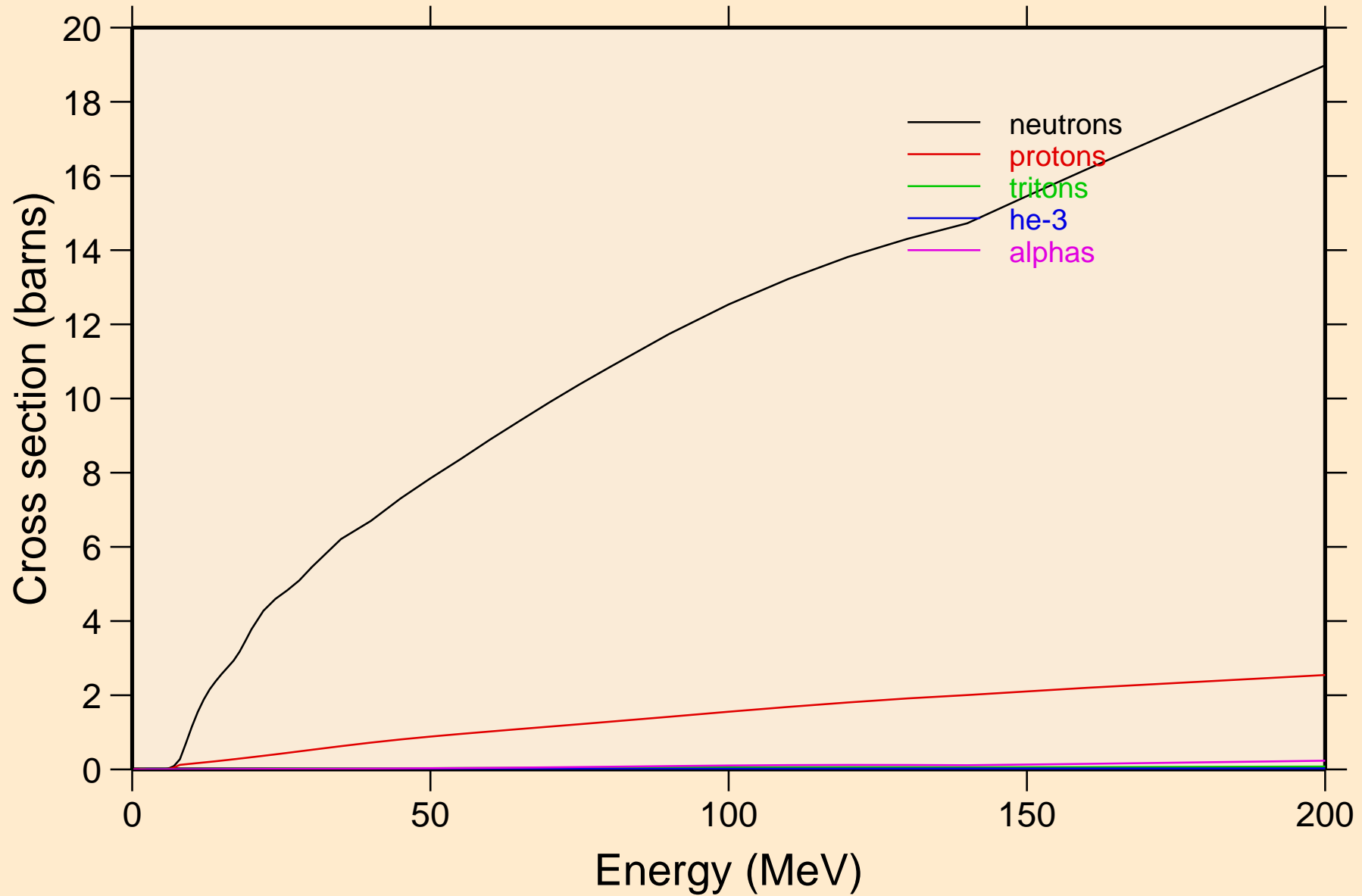
## Particle heating contributions



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

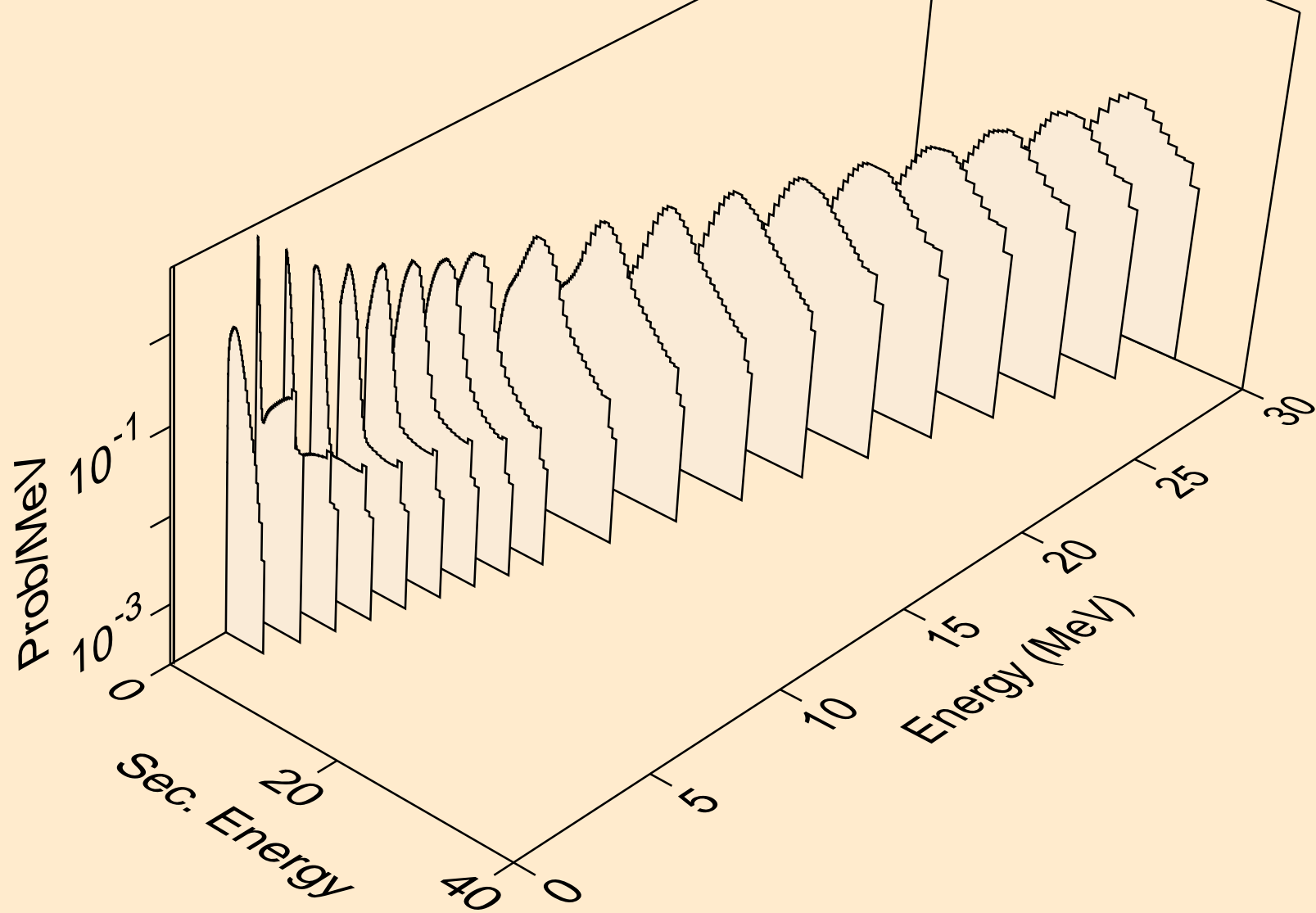


CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

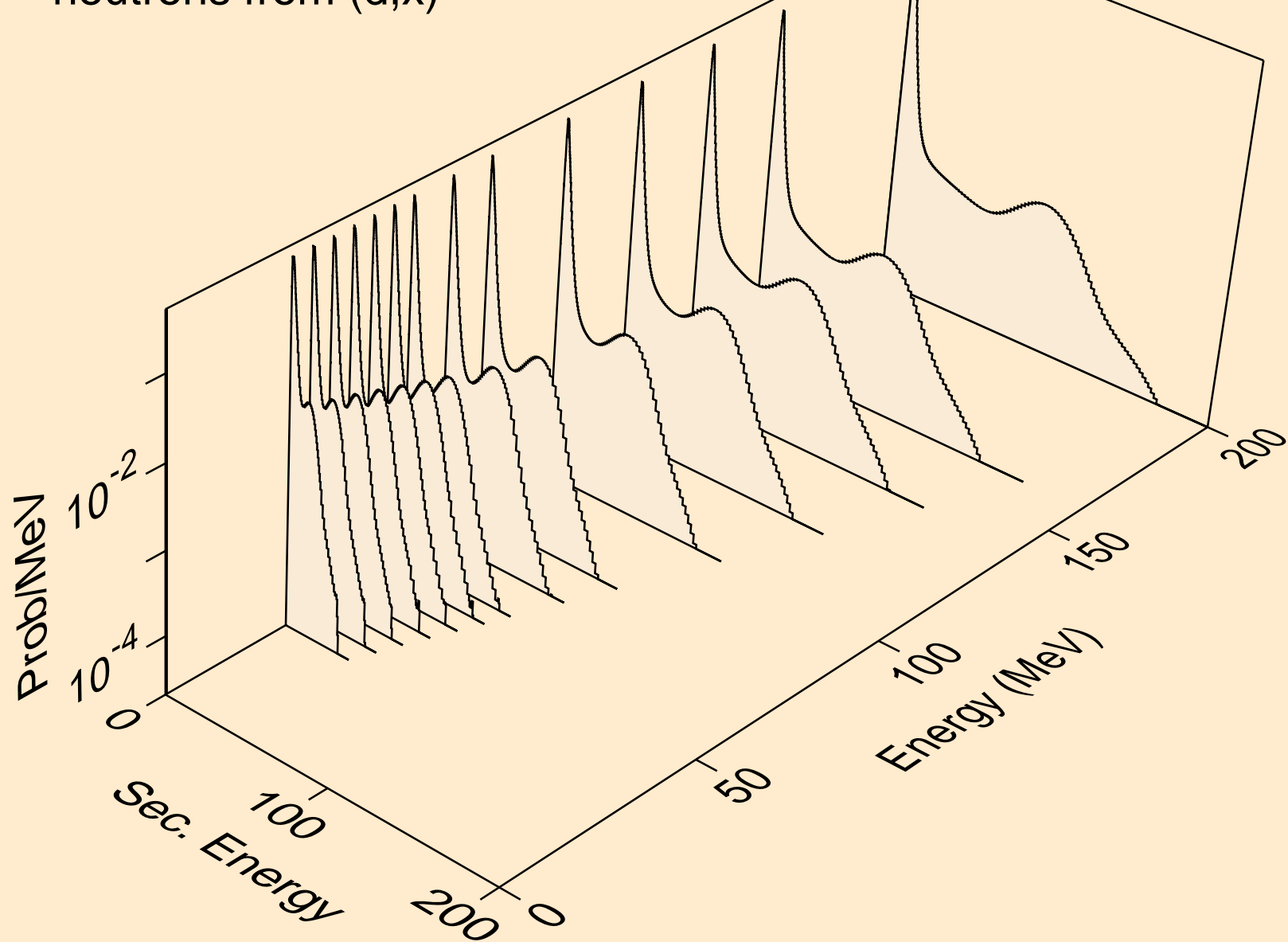




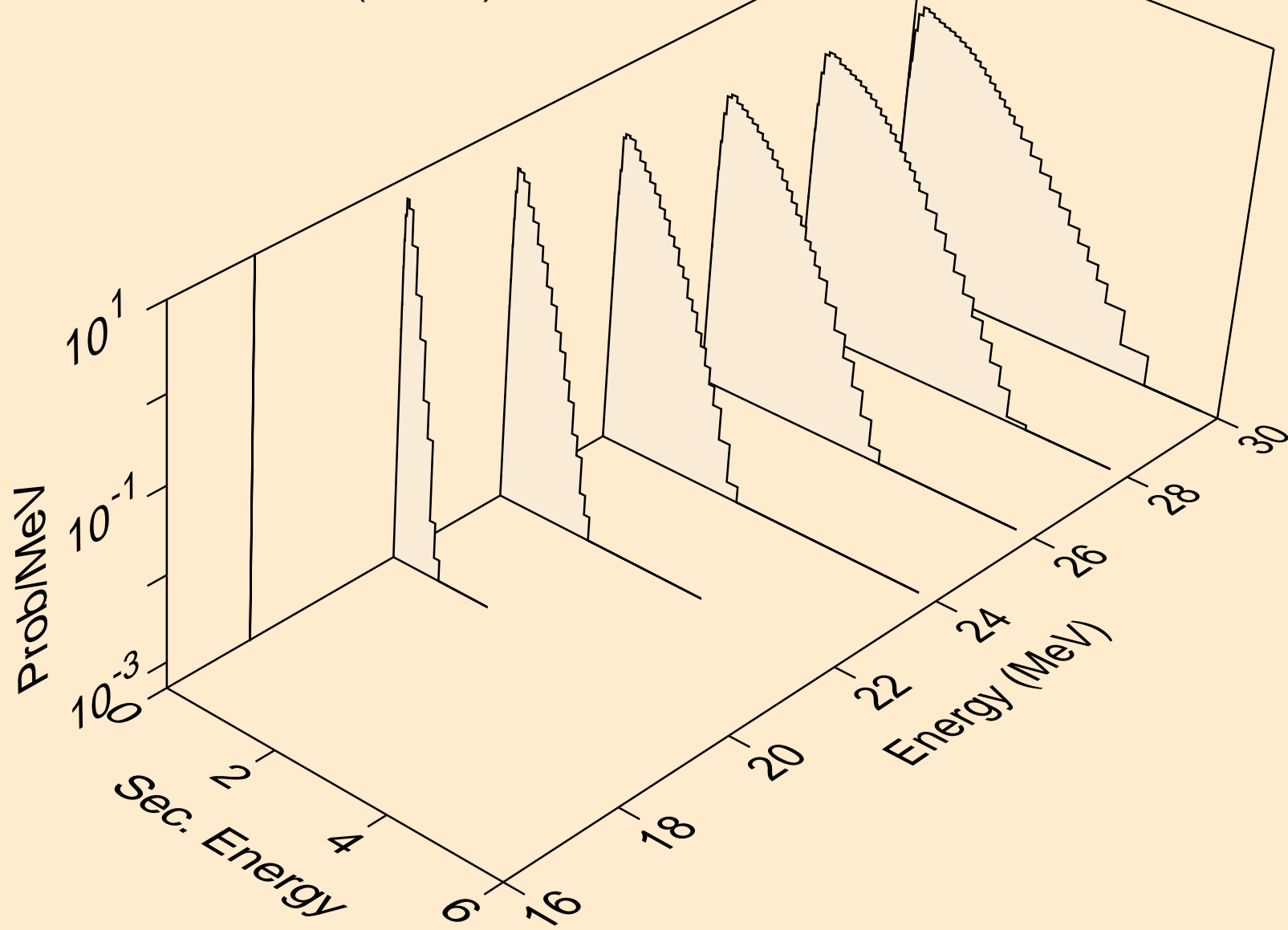
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n)



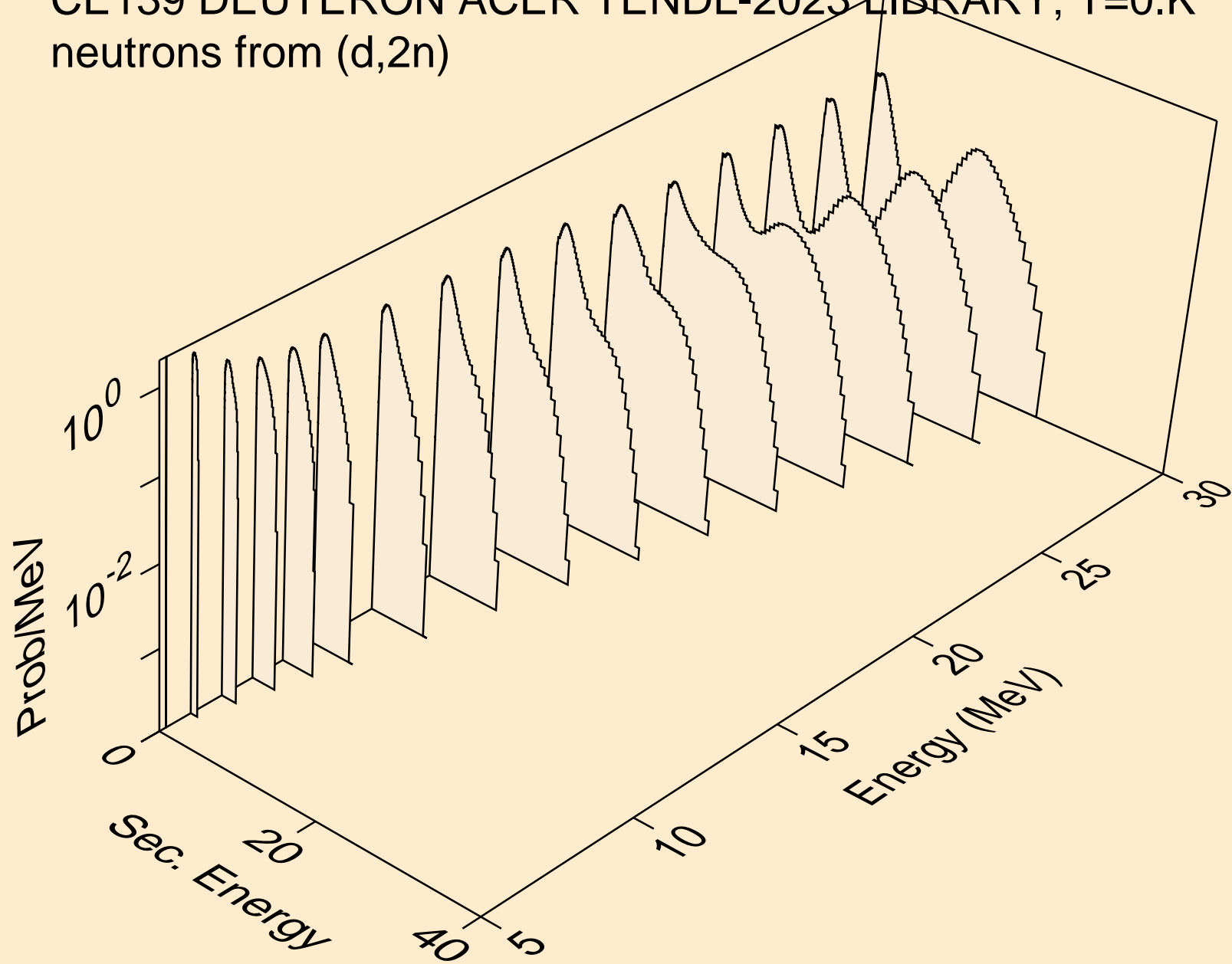
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neutrons from (d,x)



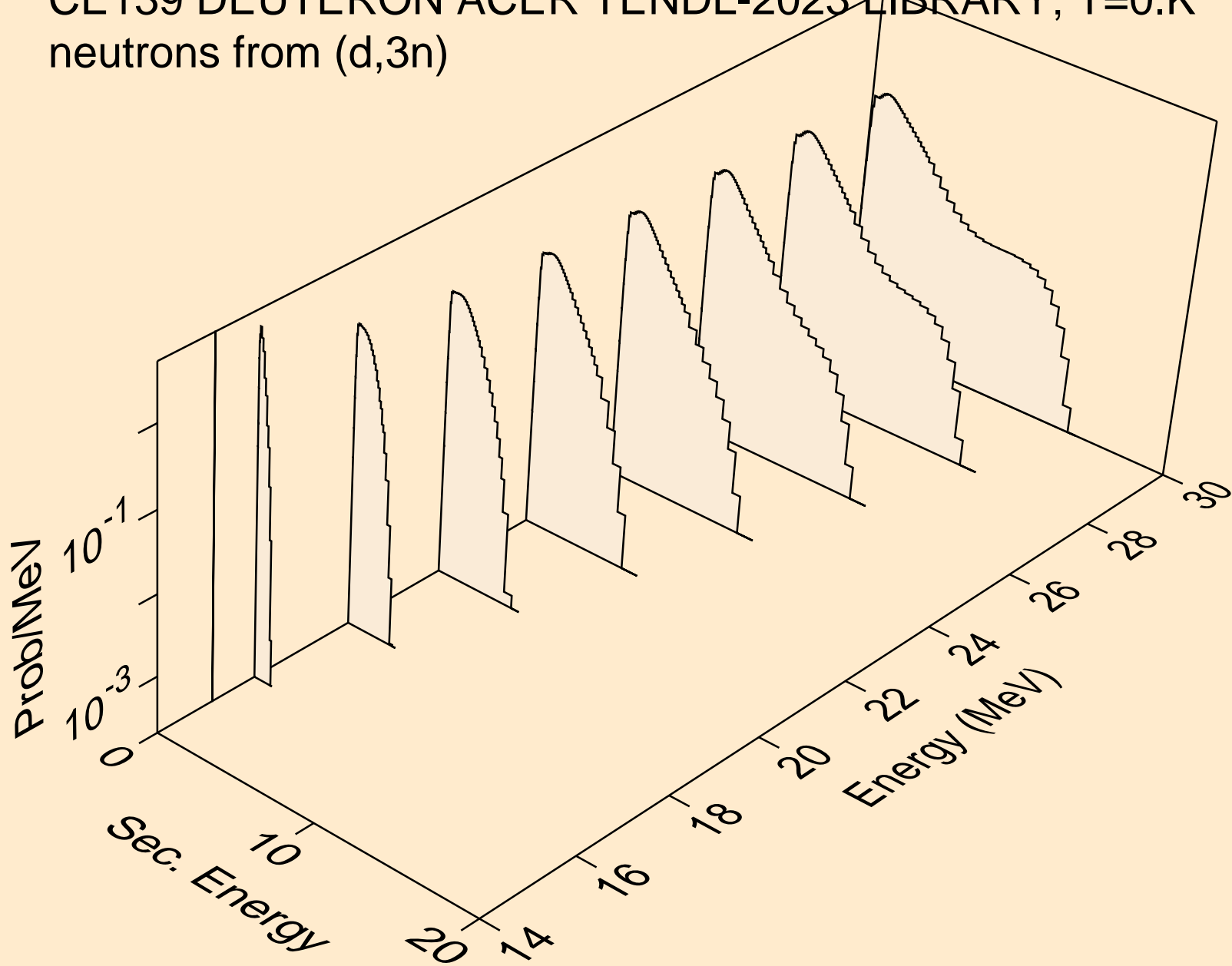
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neutrons from (d,2nd)



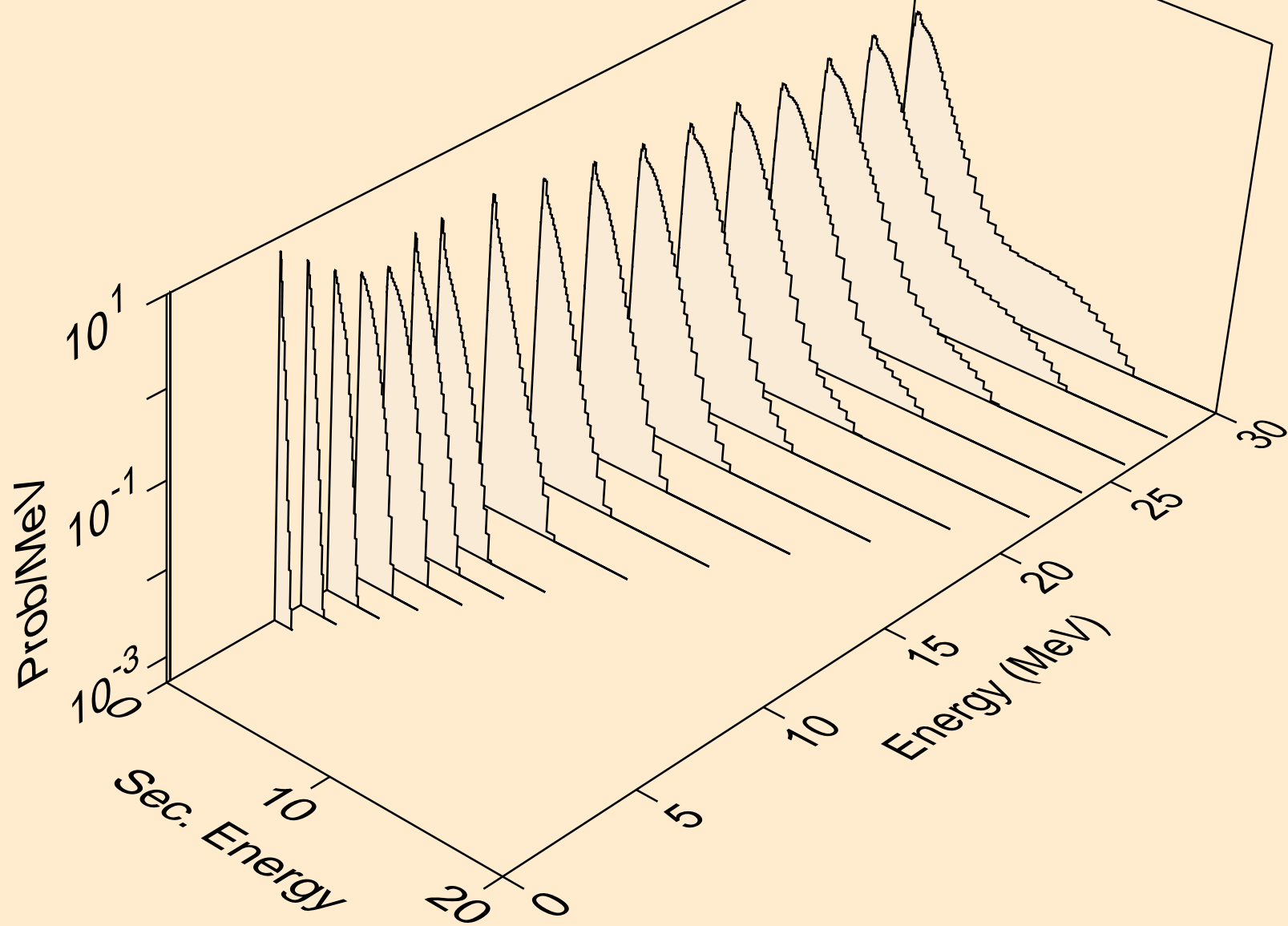
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neutrons from (d,2n)



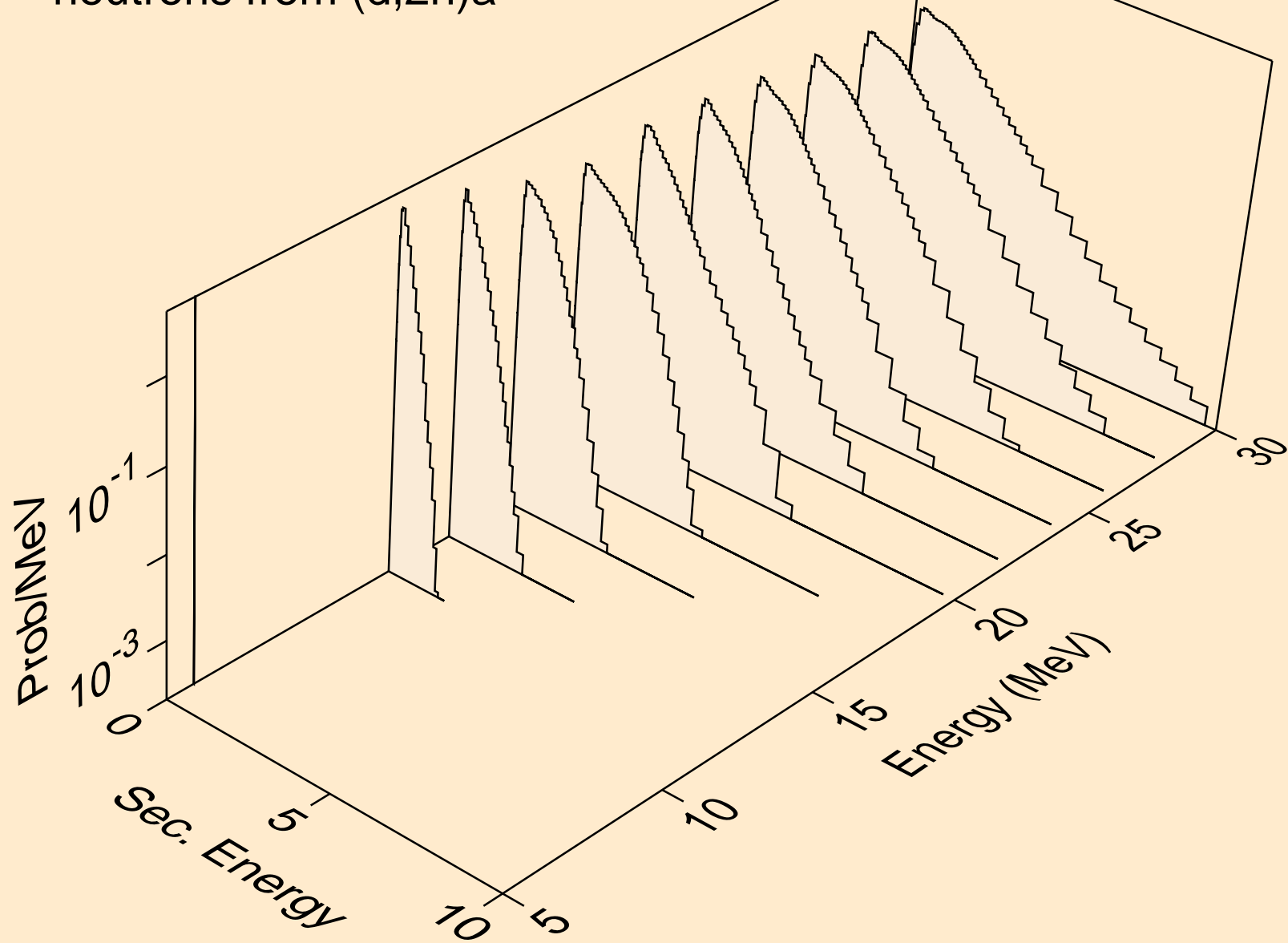
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3n)



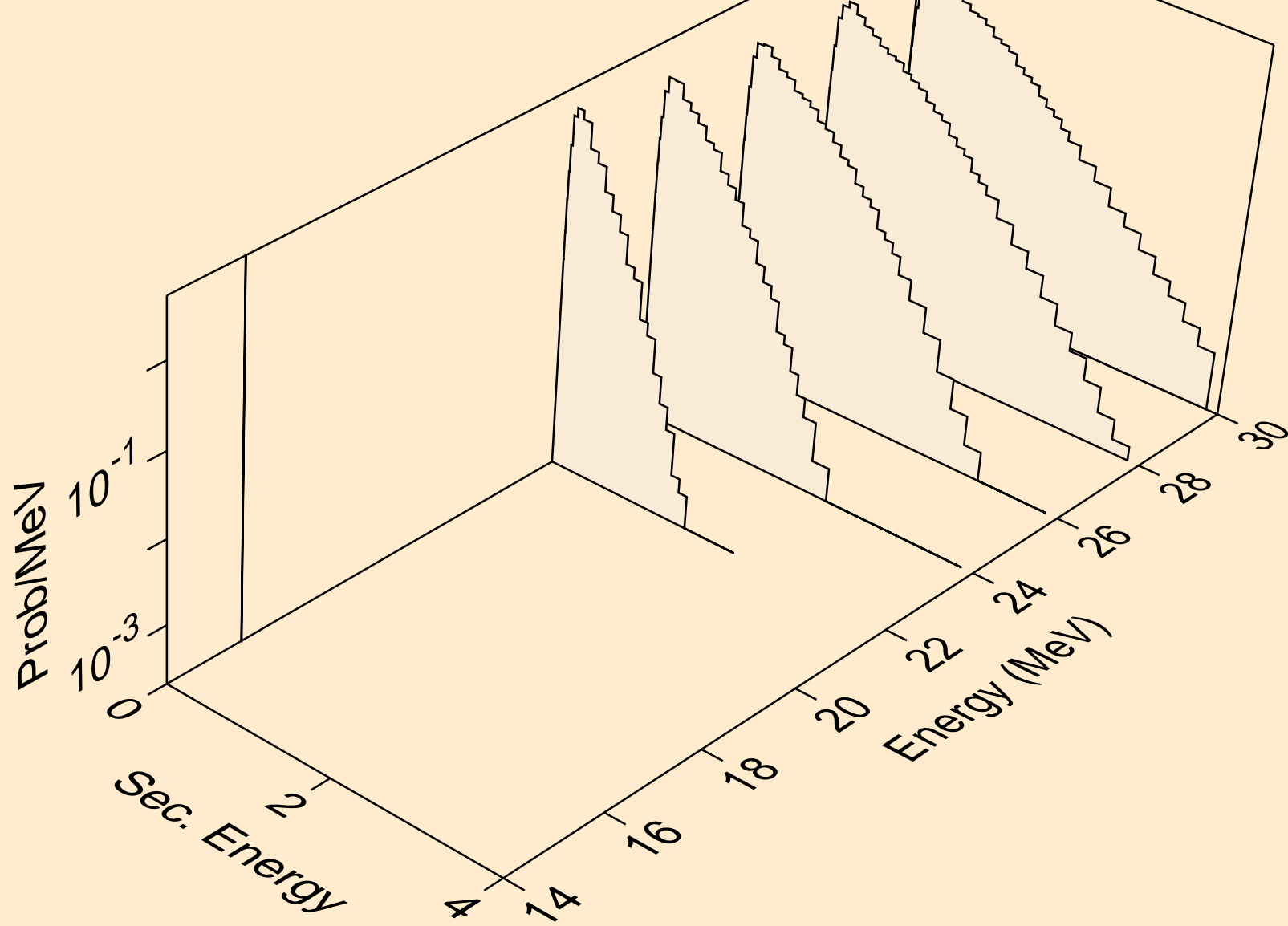
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)a



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2n)a

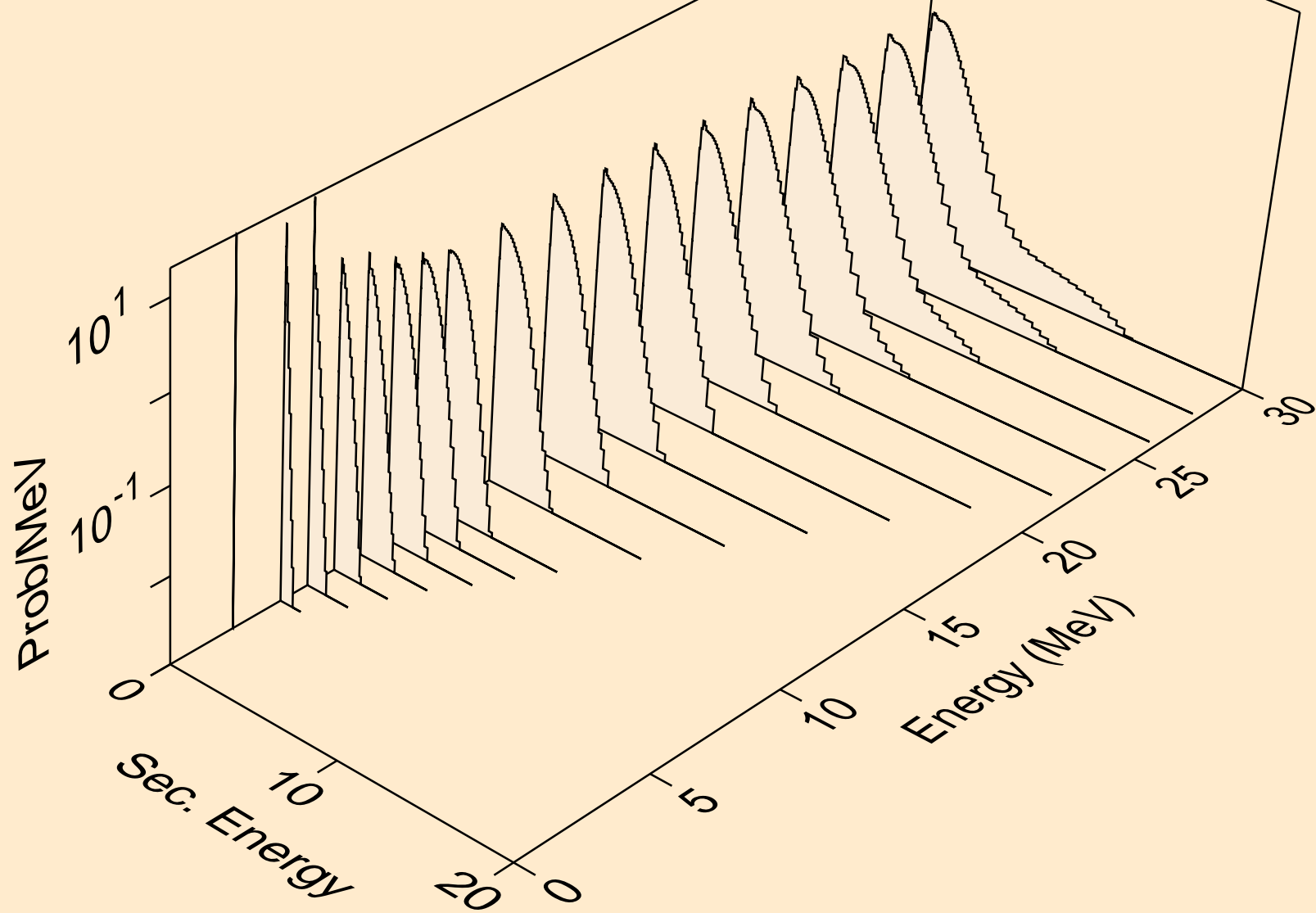


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neutrons from (d,3n)a

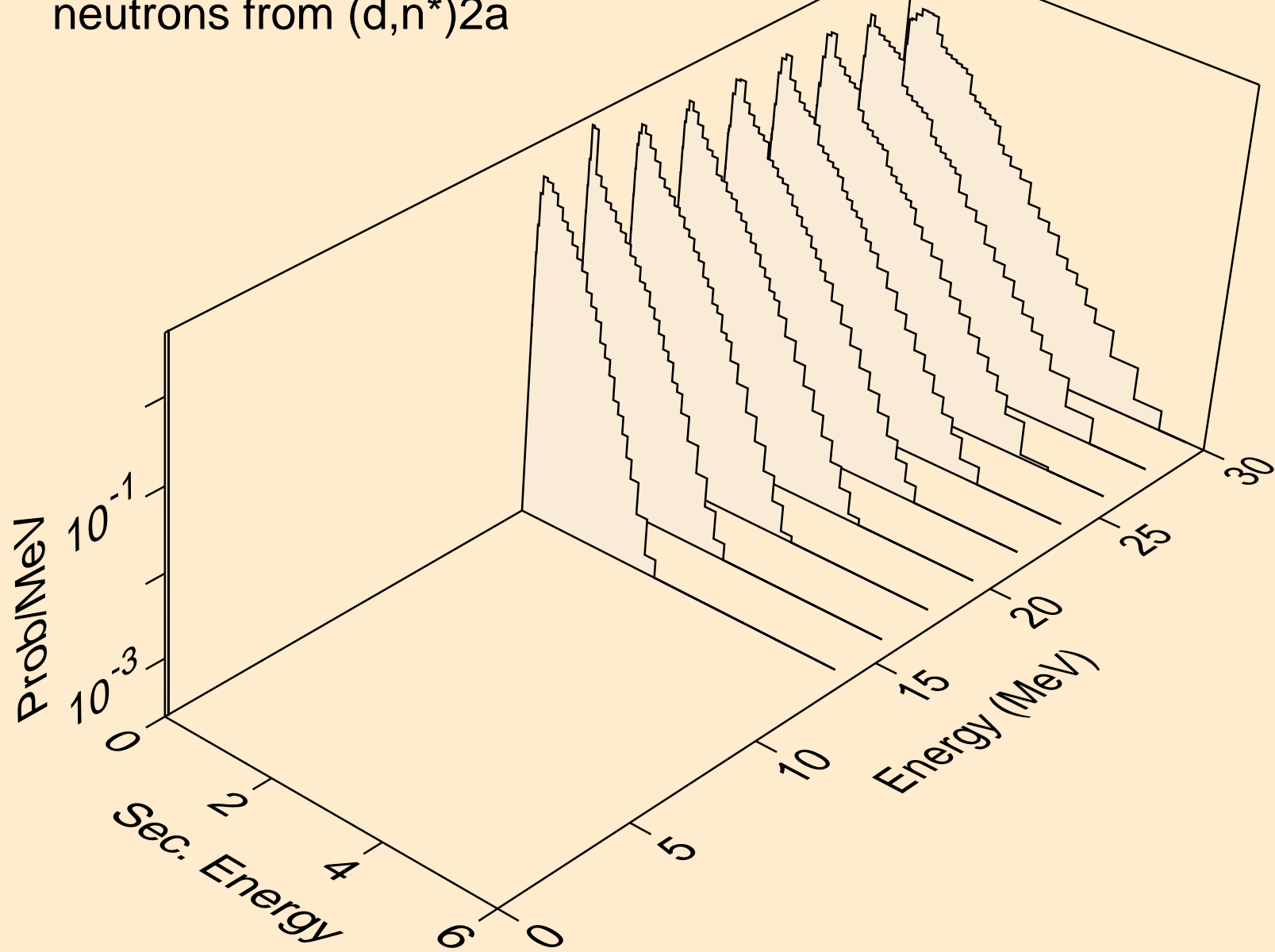




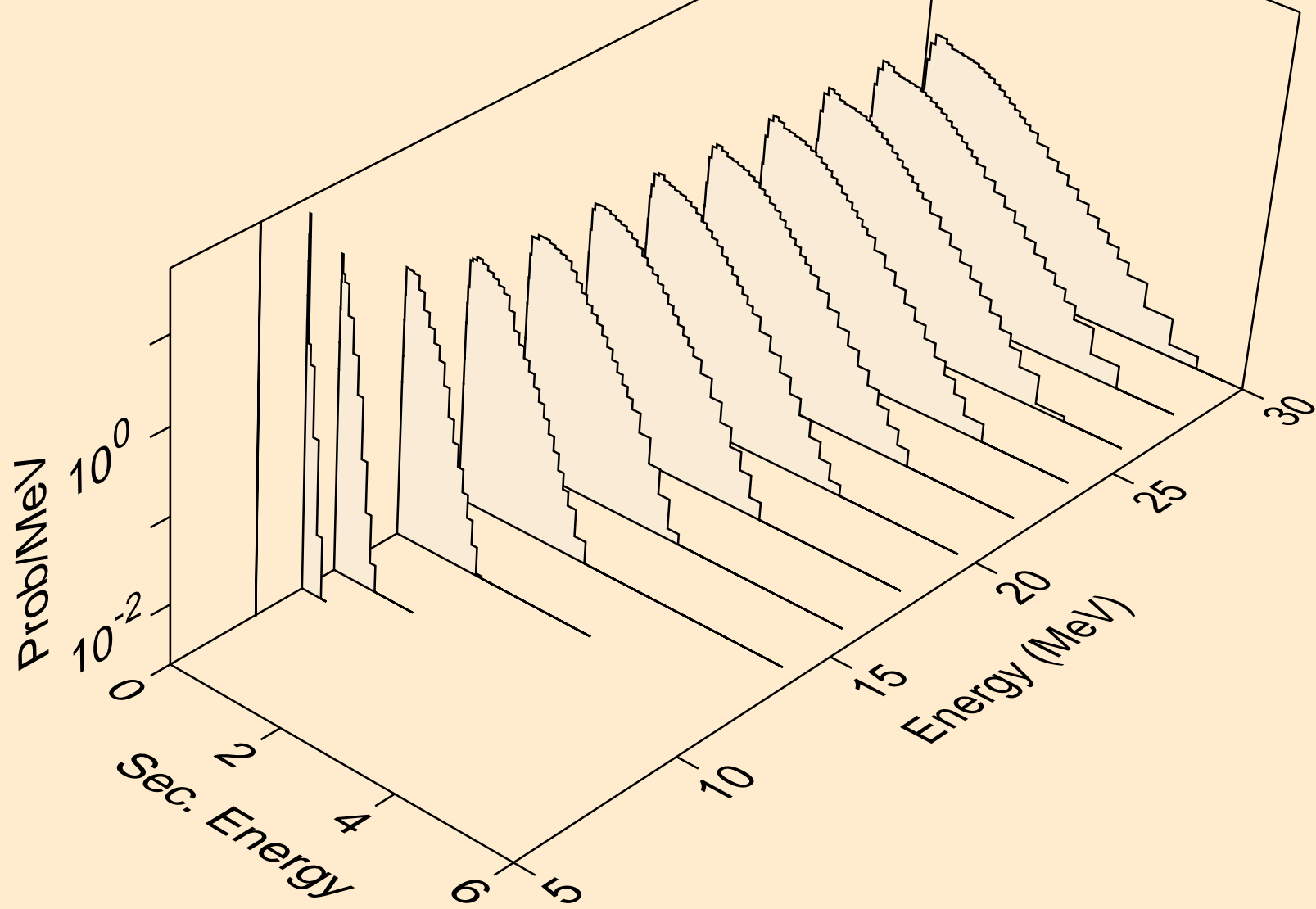
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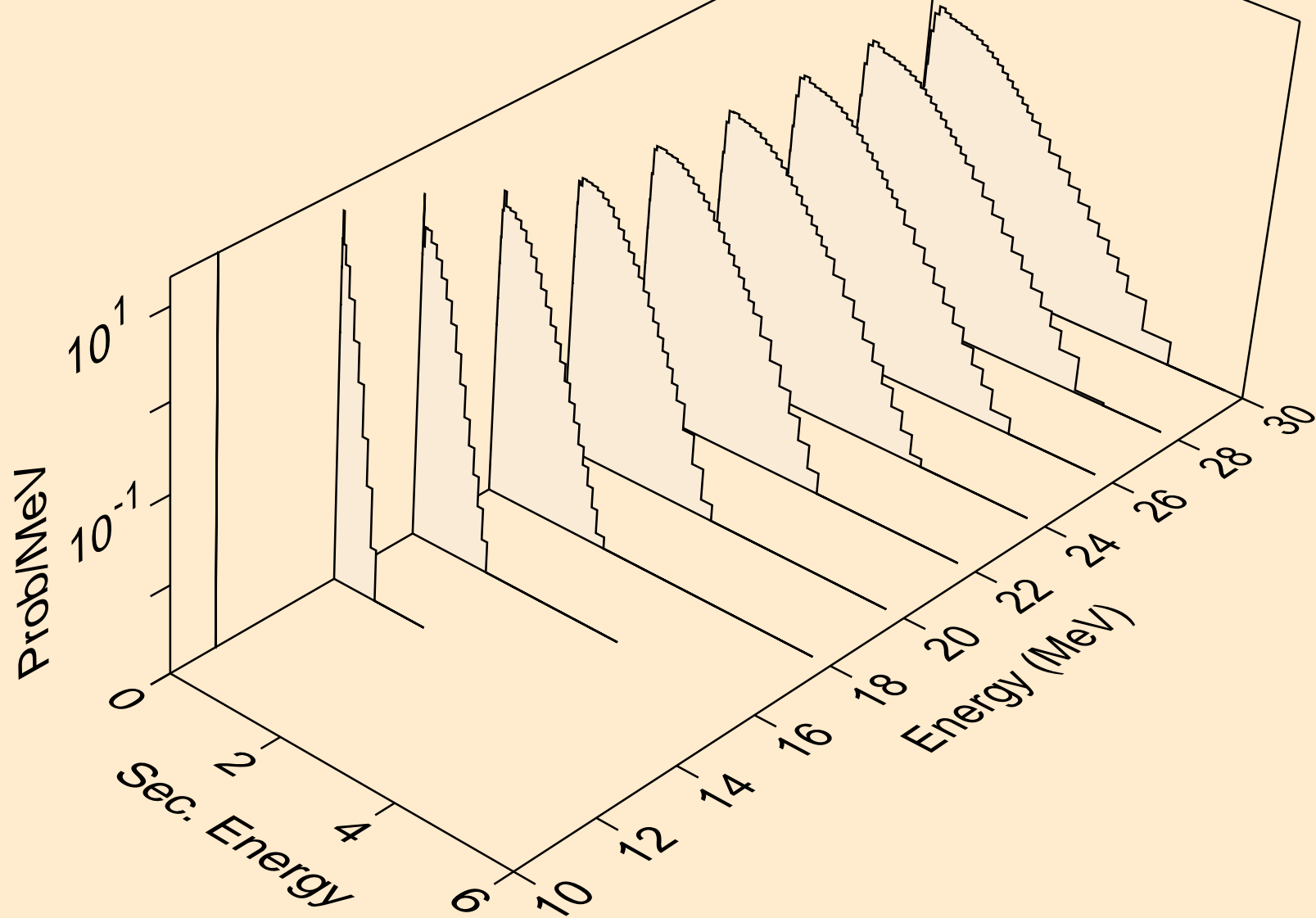
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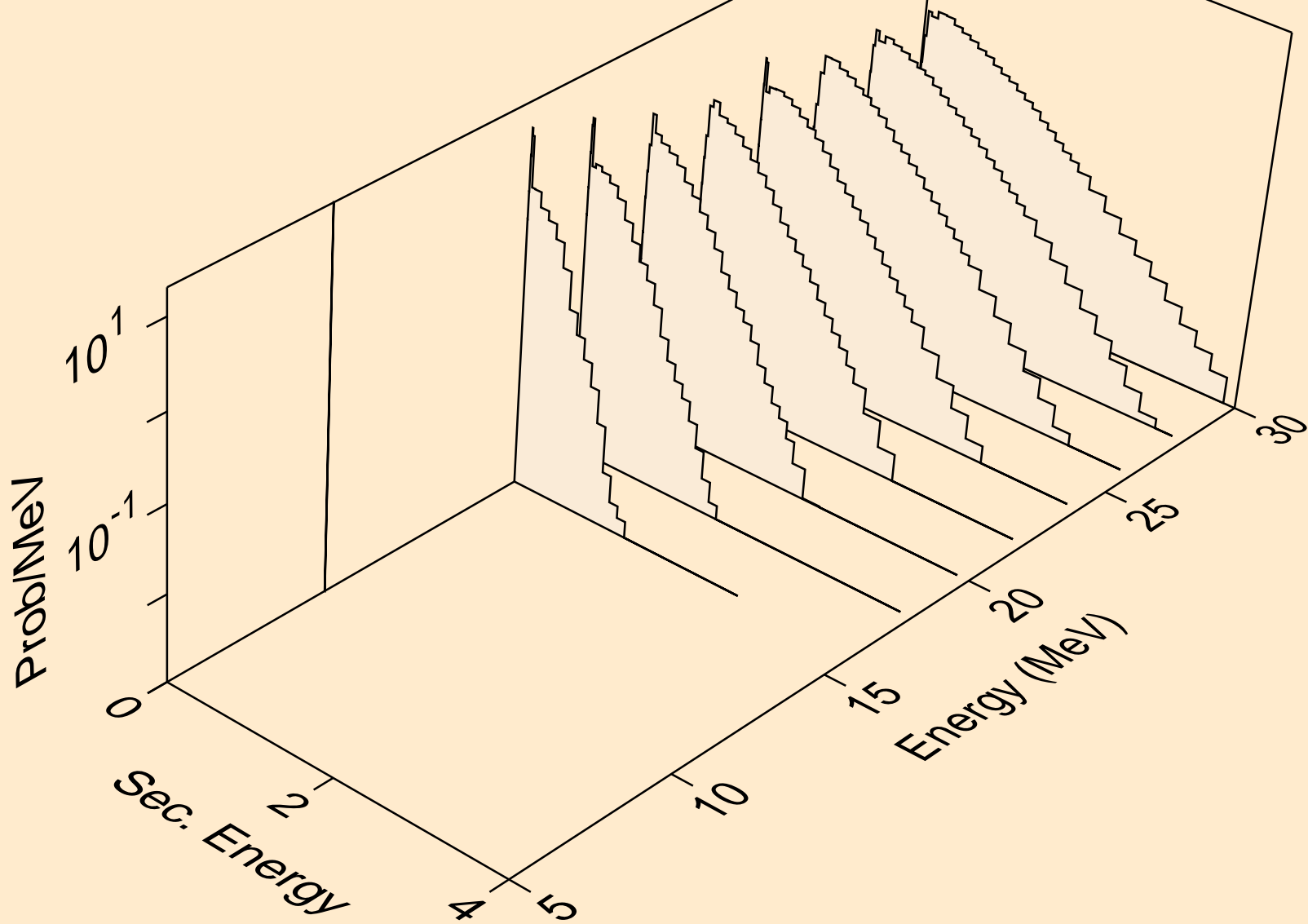
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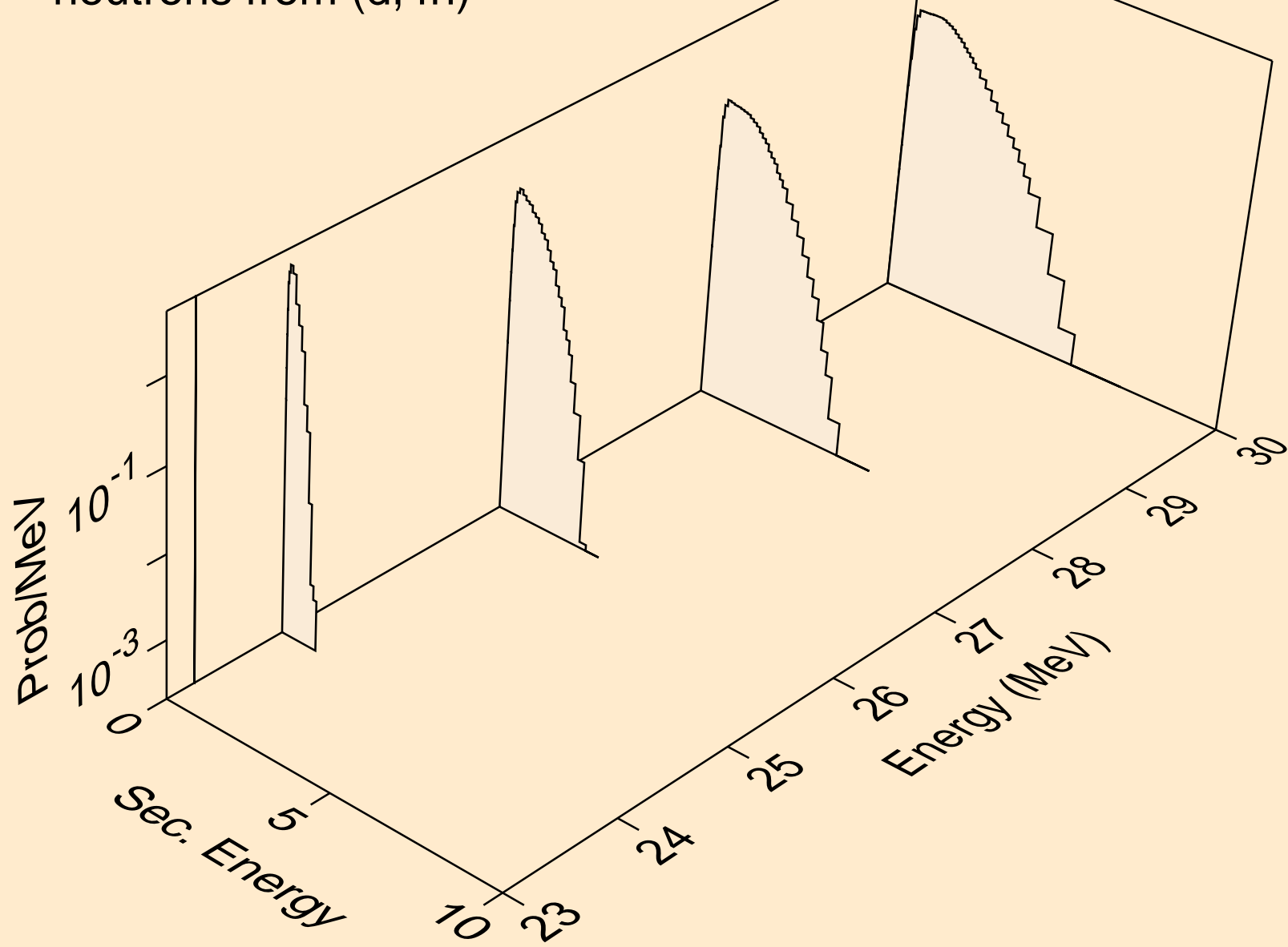
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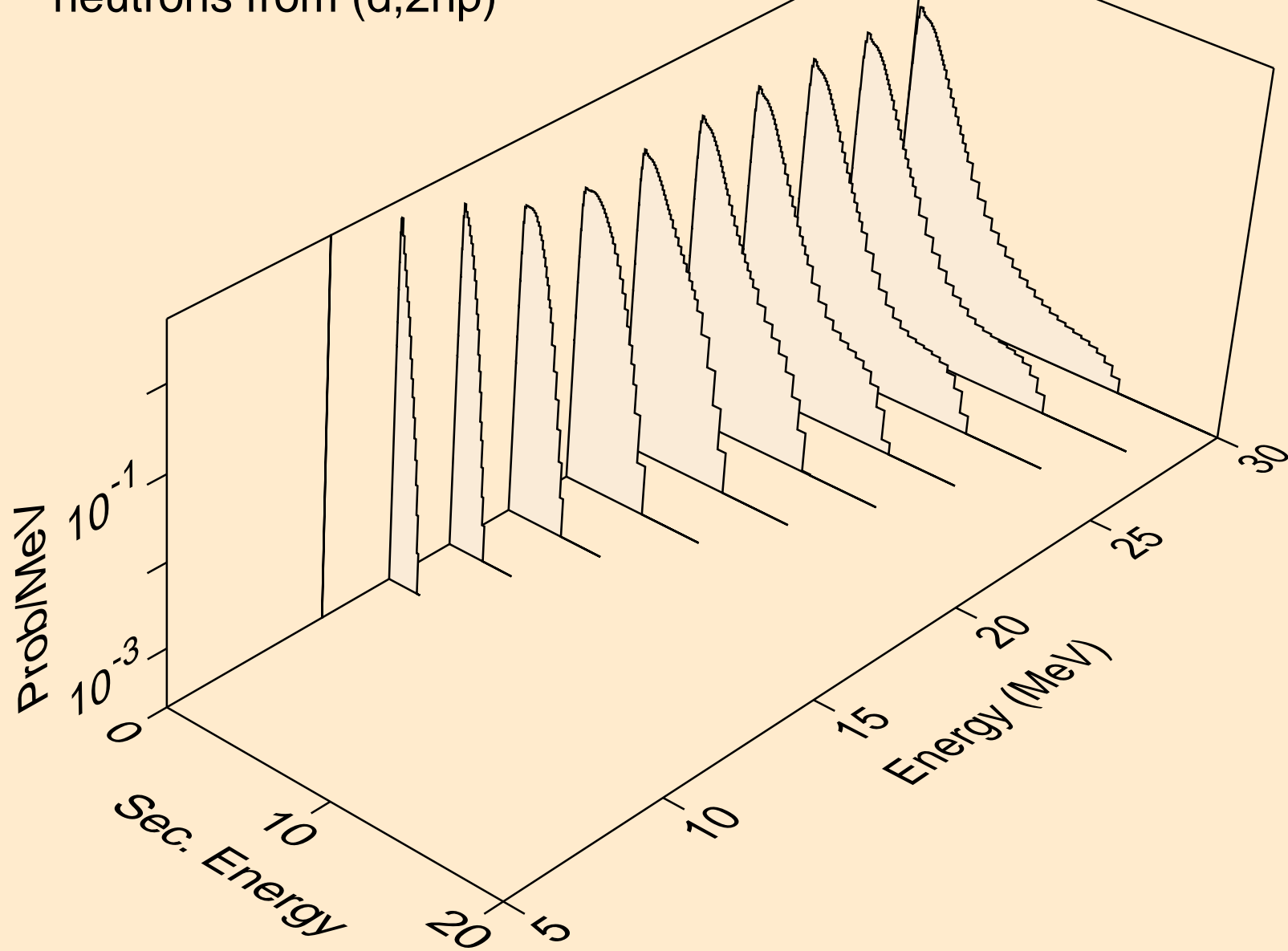
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)he3



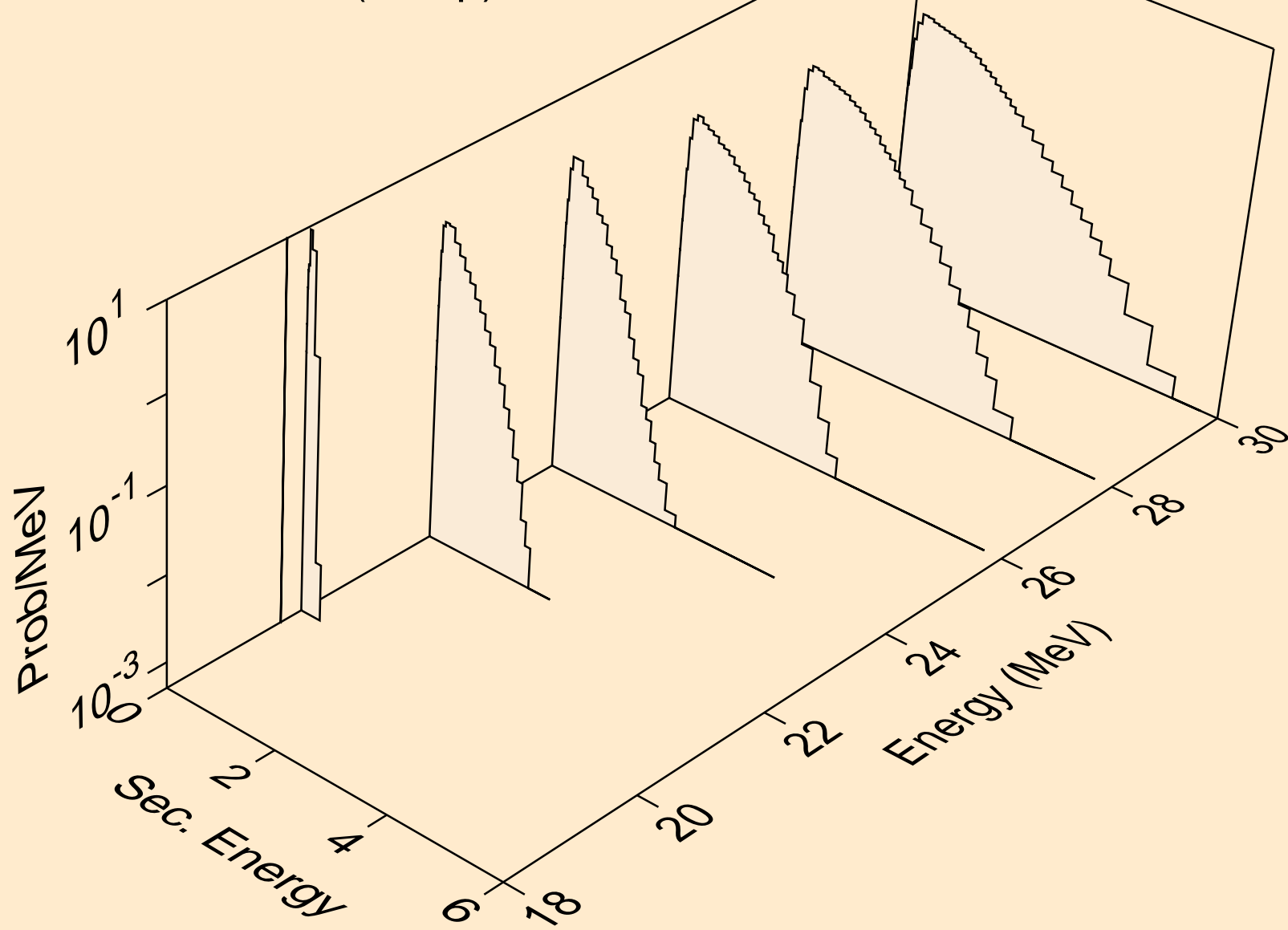
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,4n)



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2np)

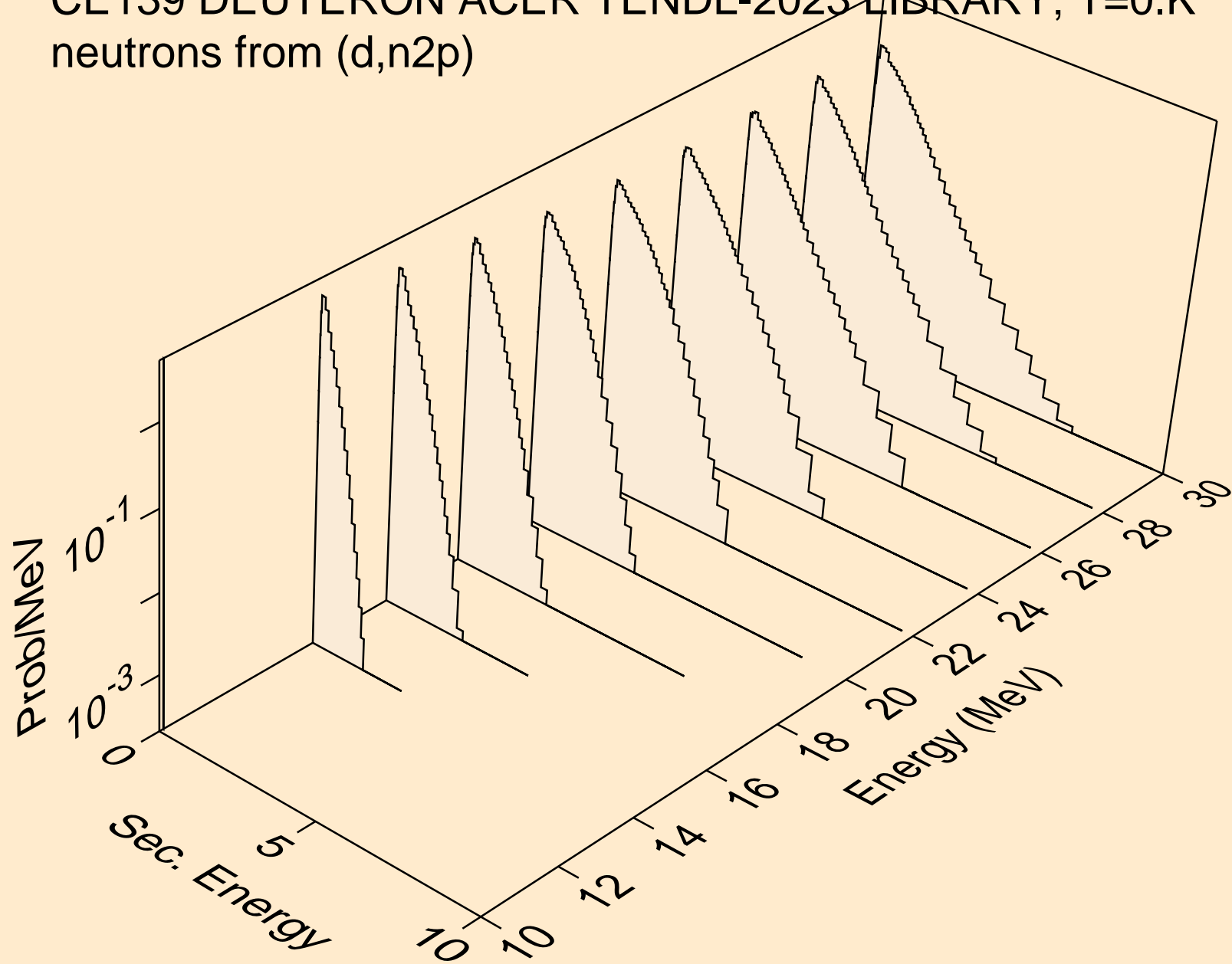


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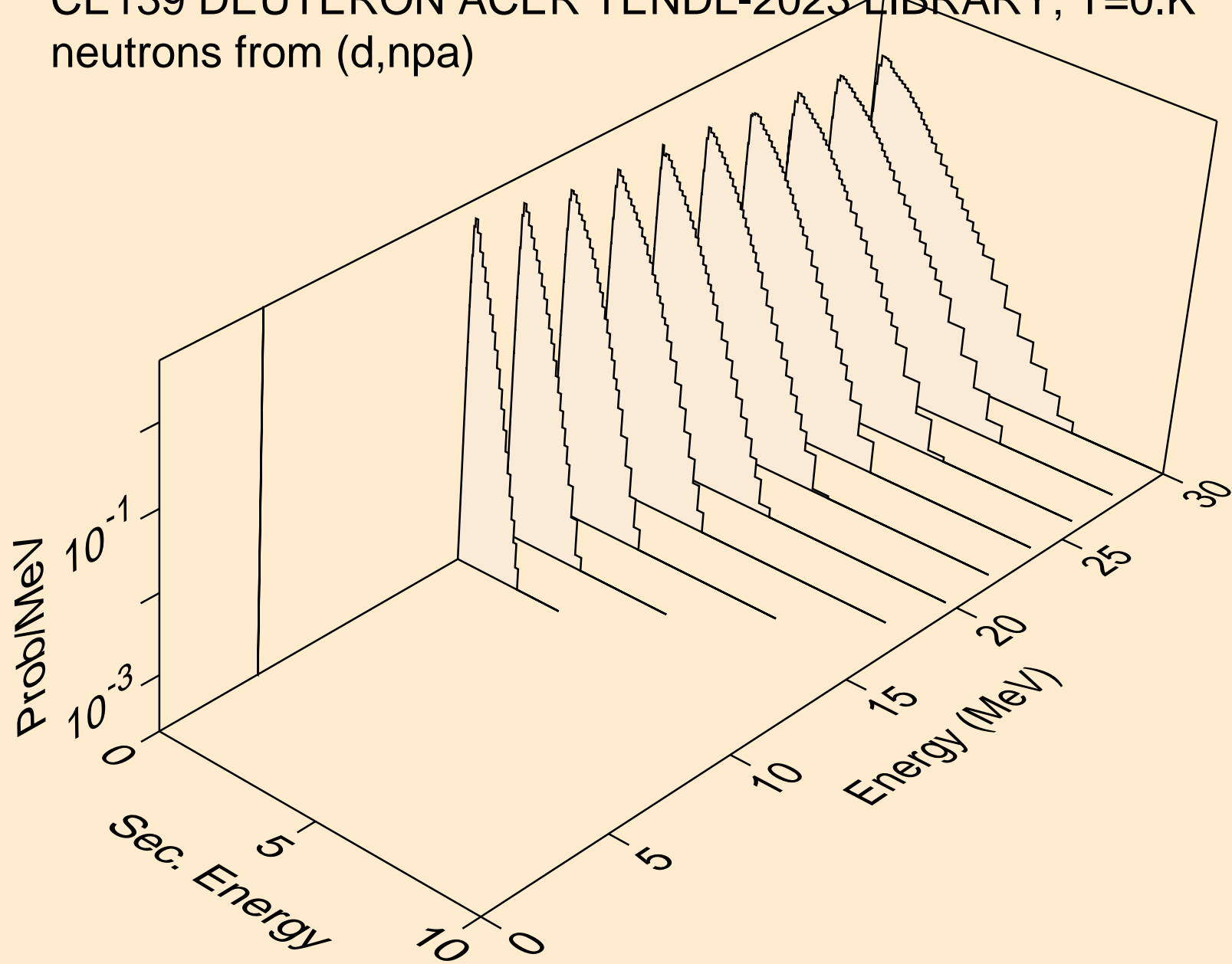




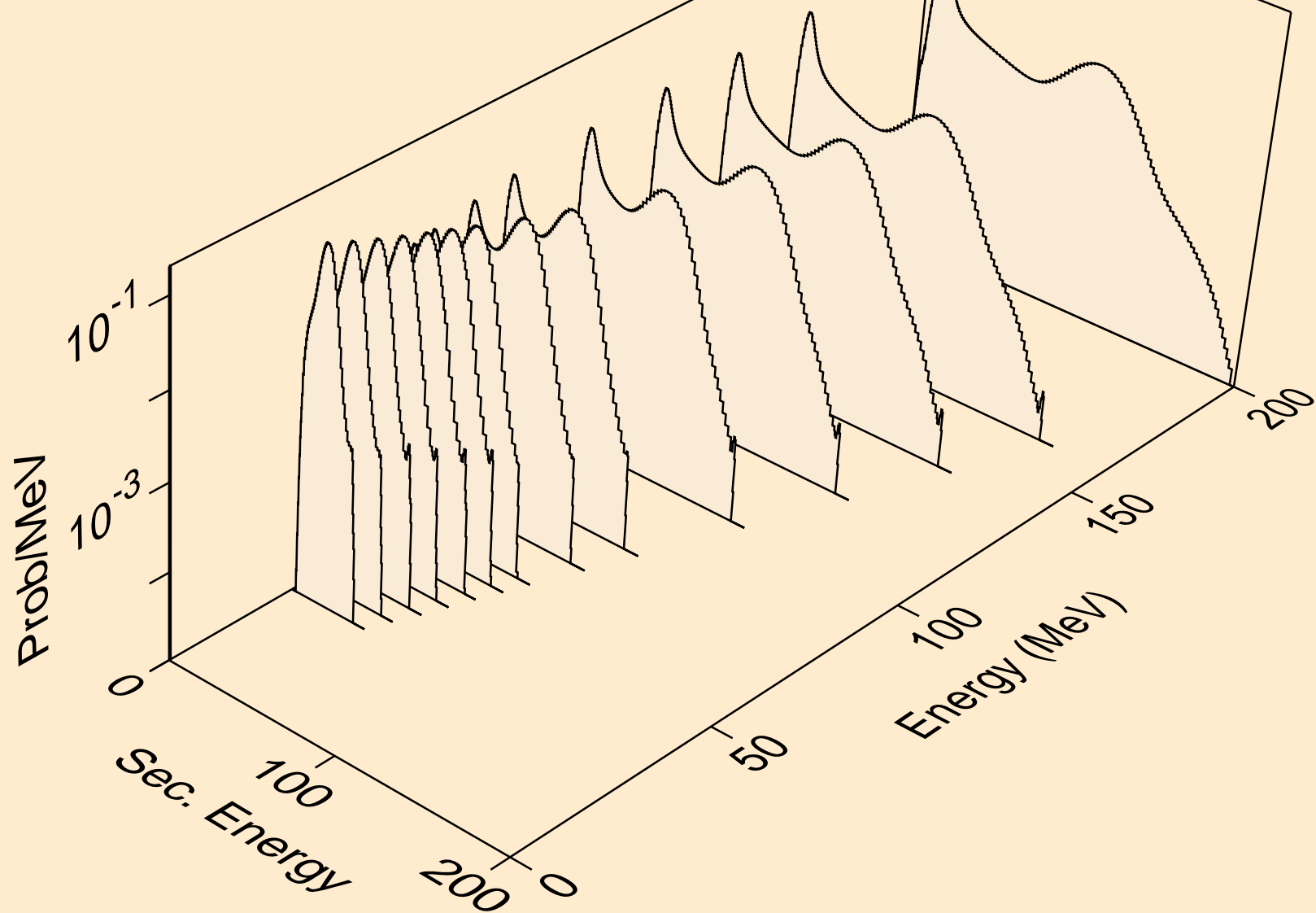
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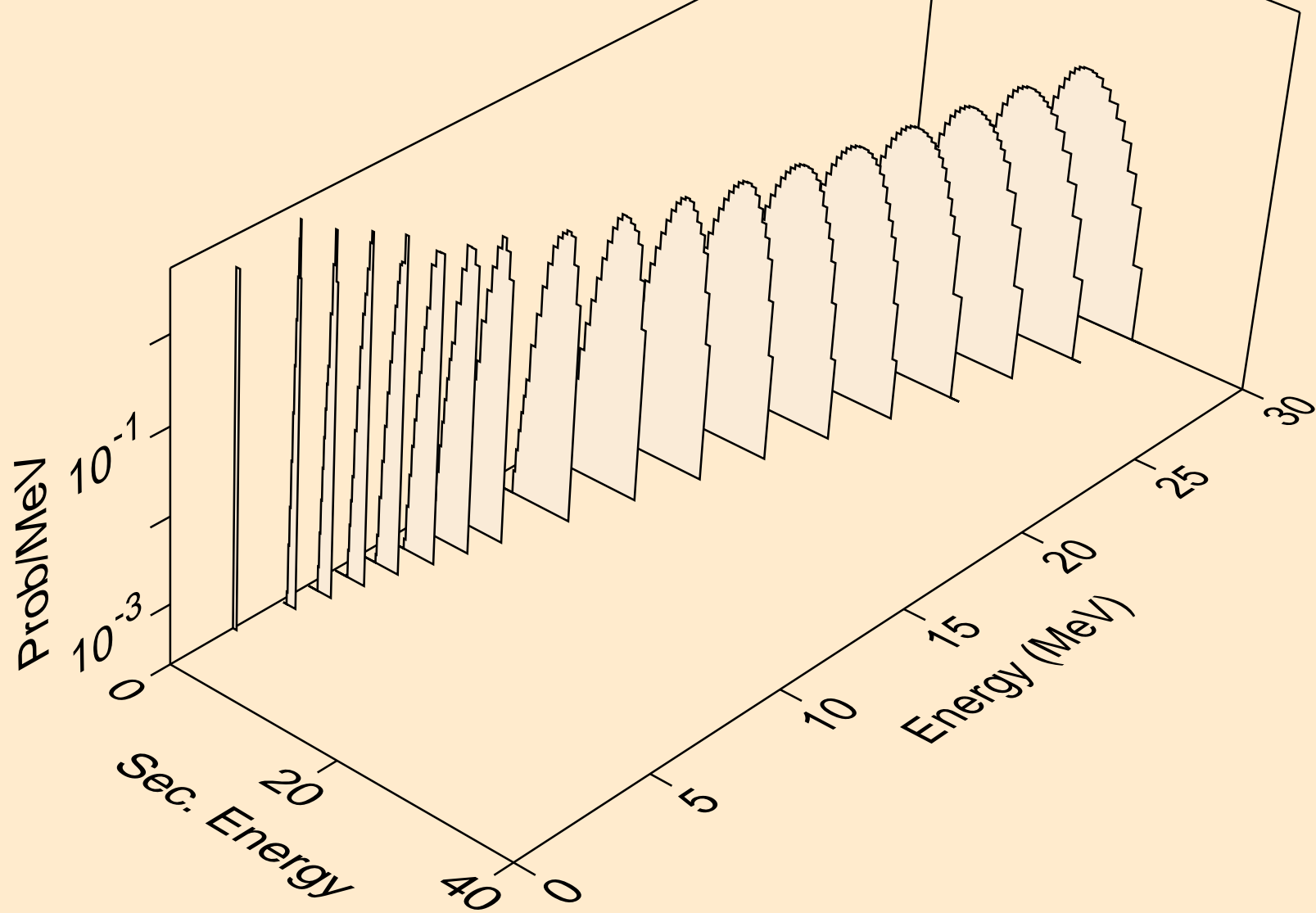
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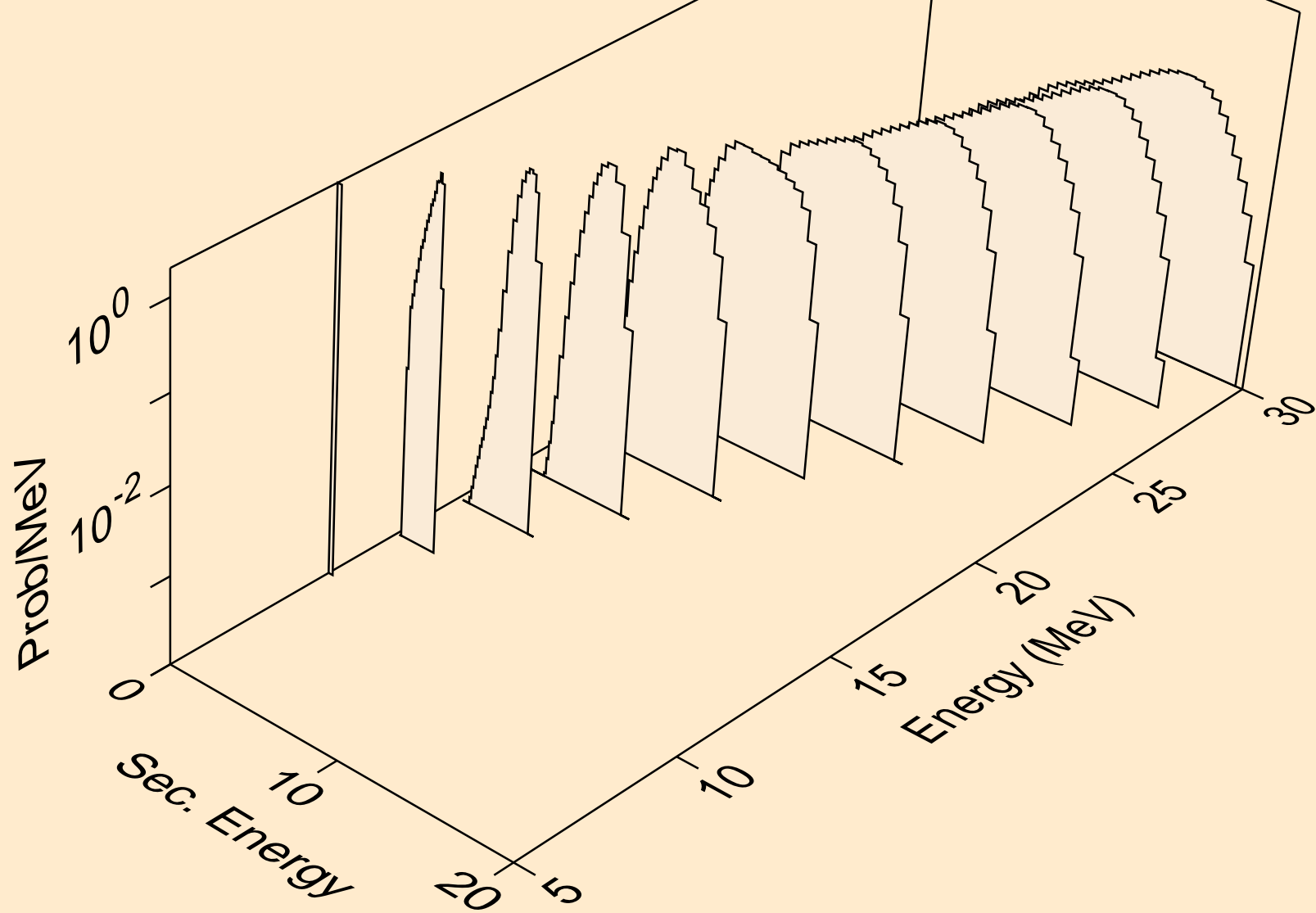
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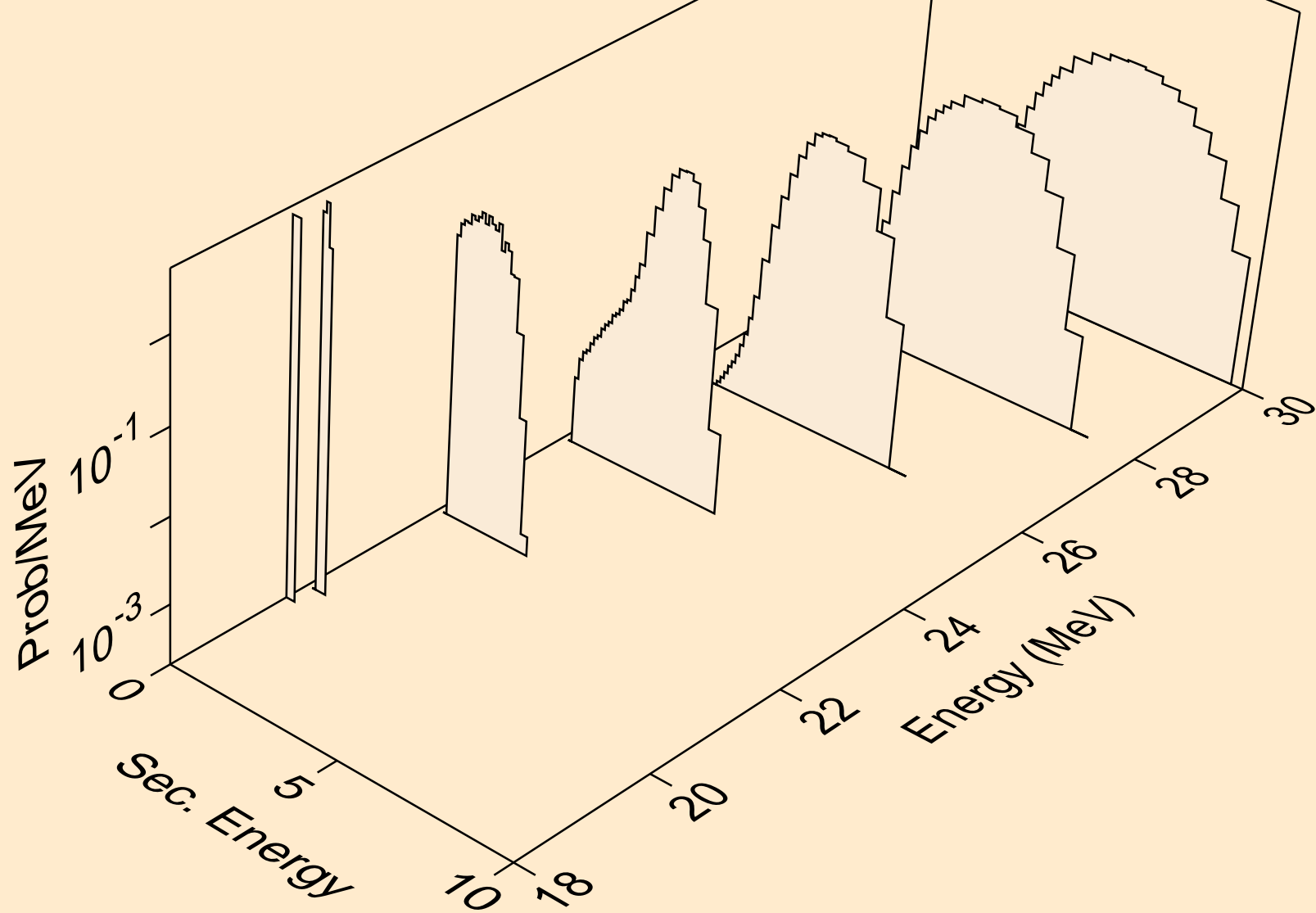
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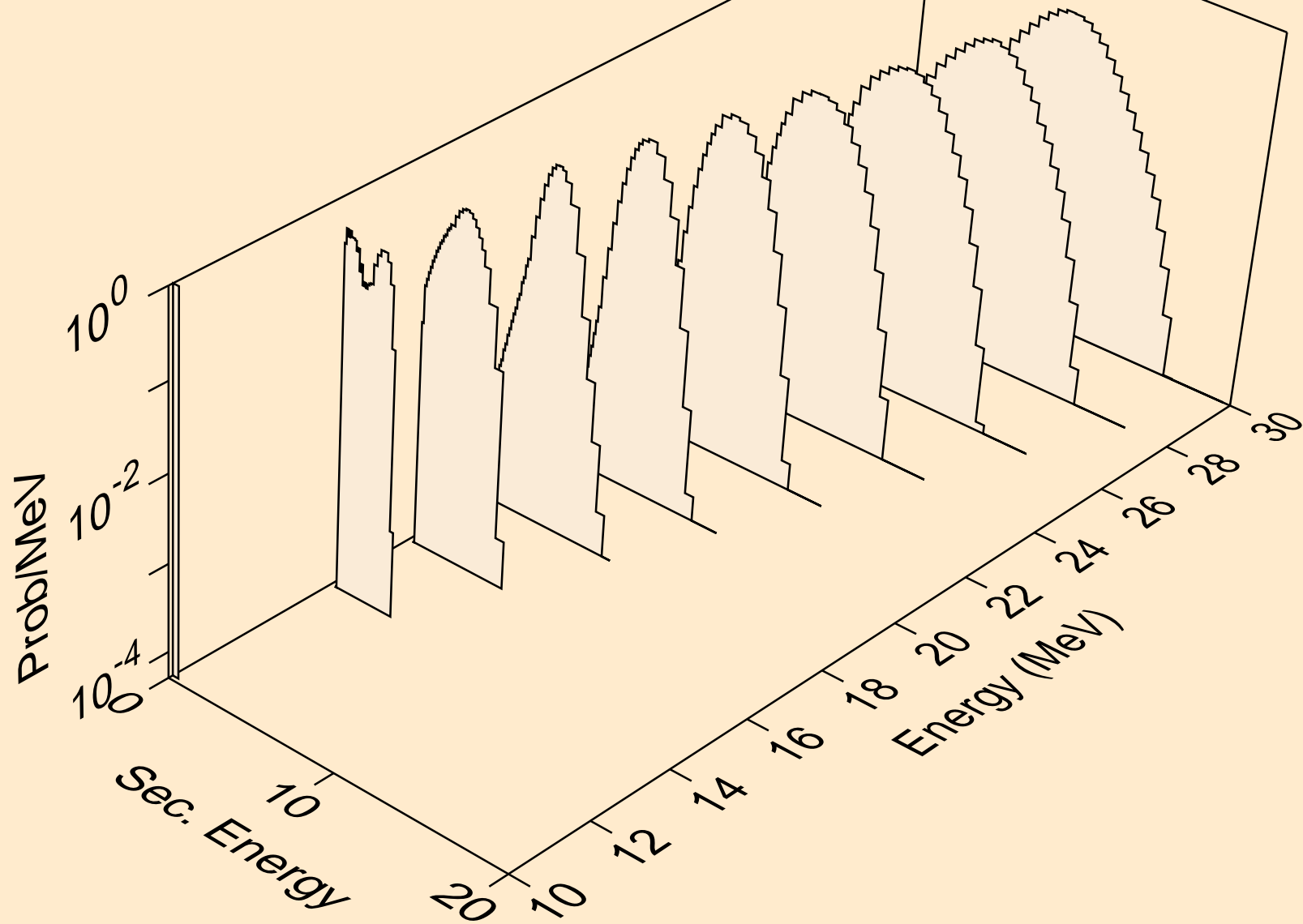
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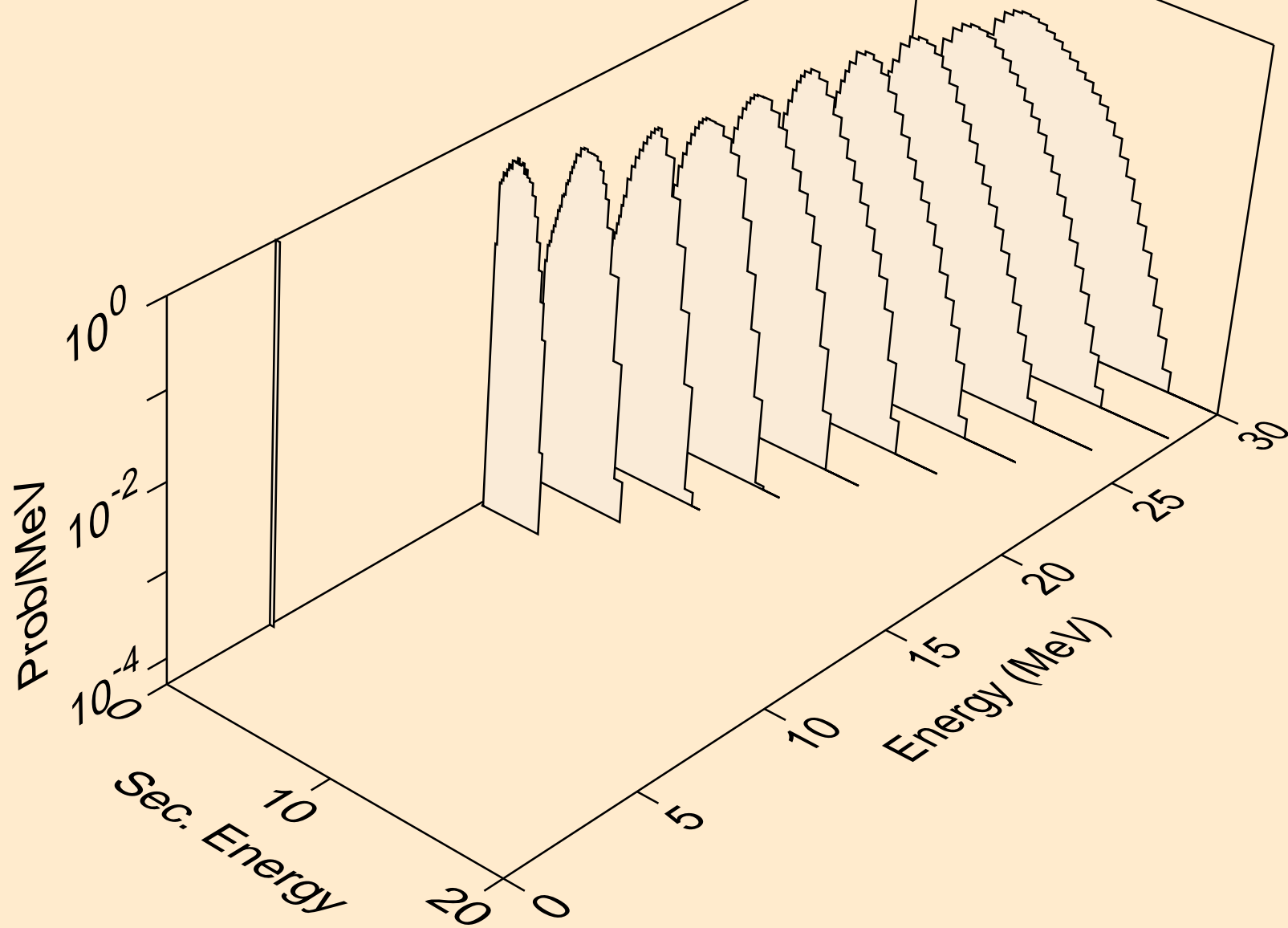
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CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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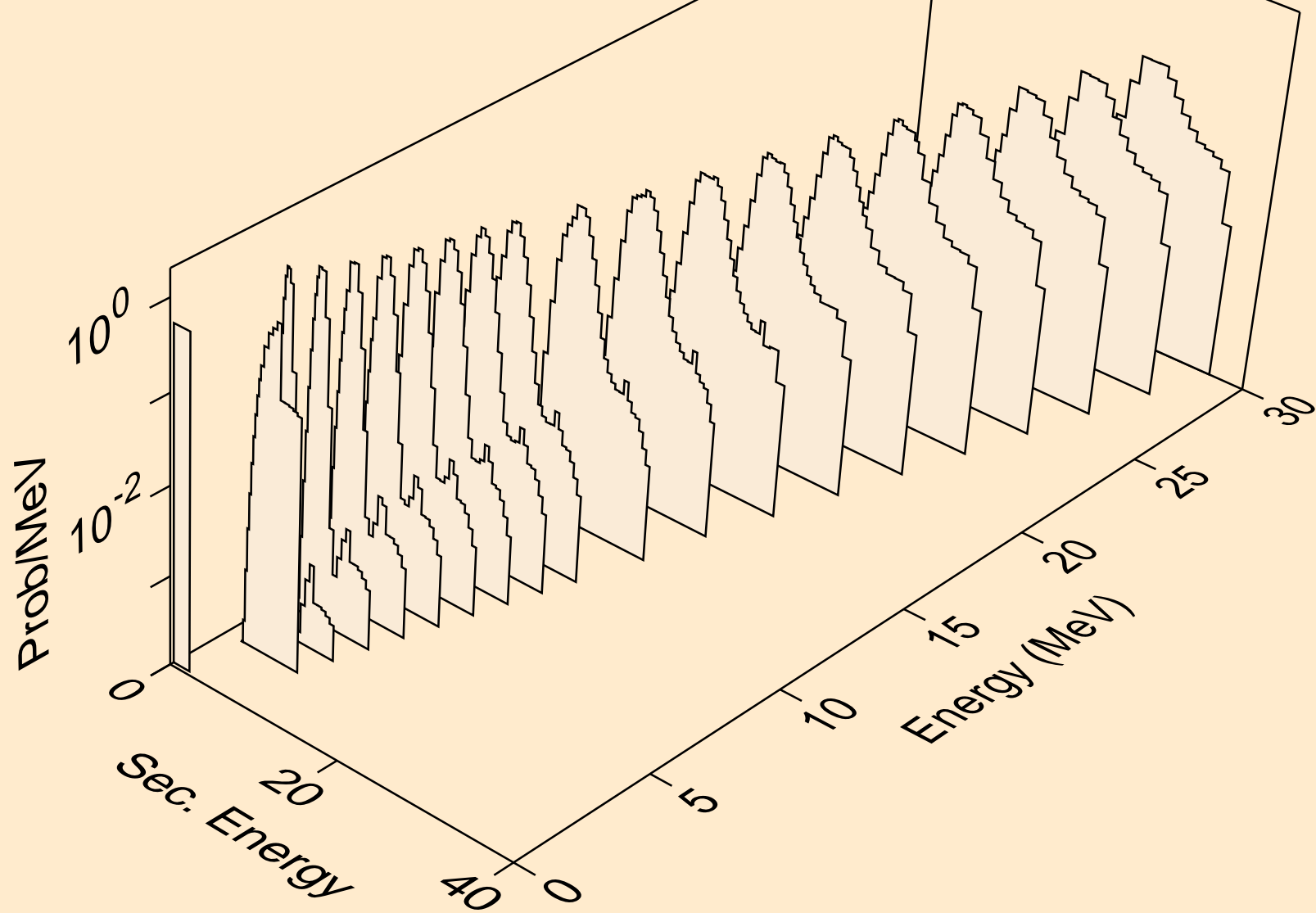


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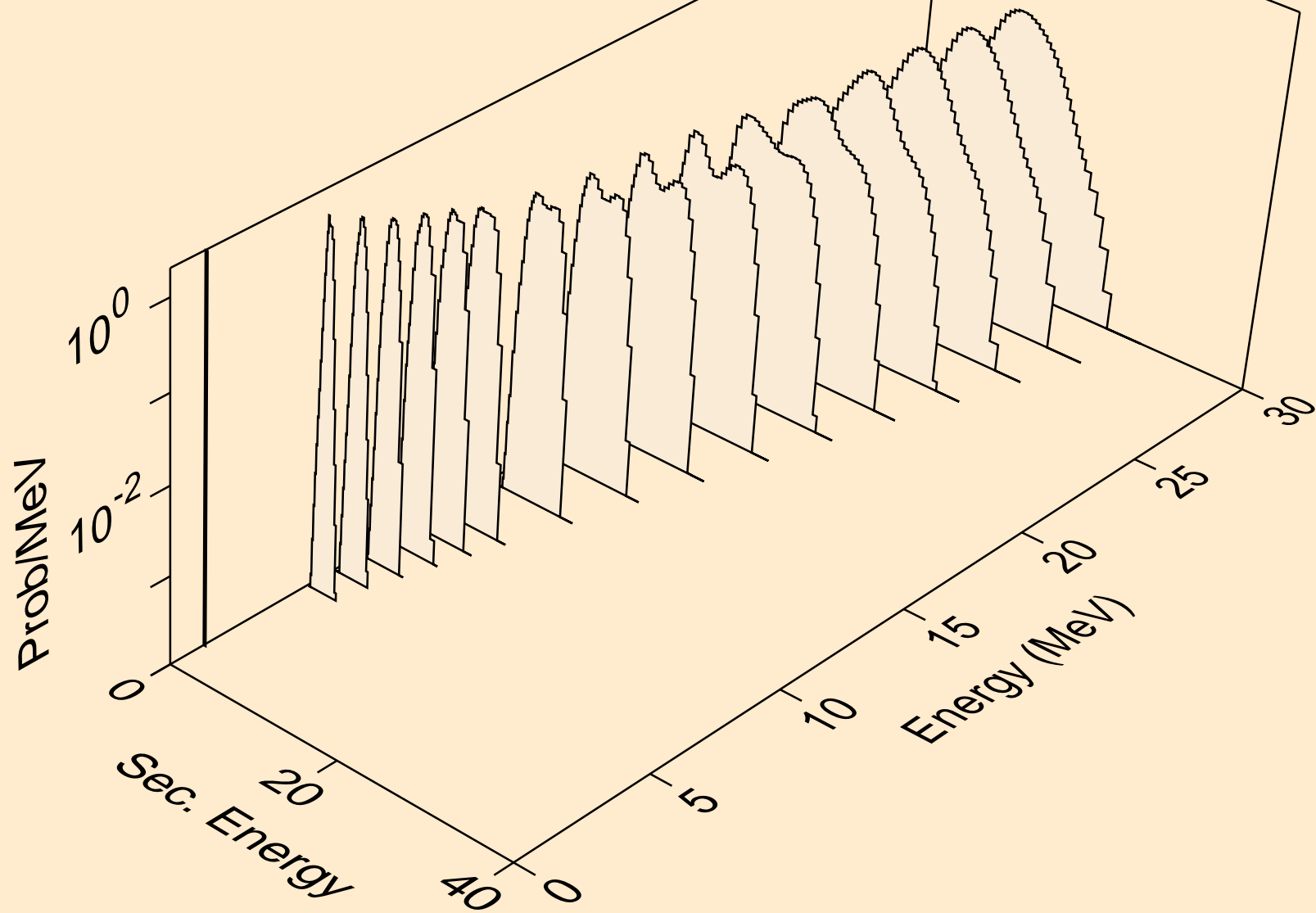




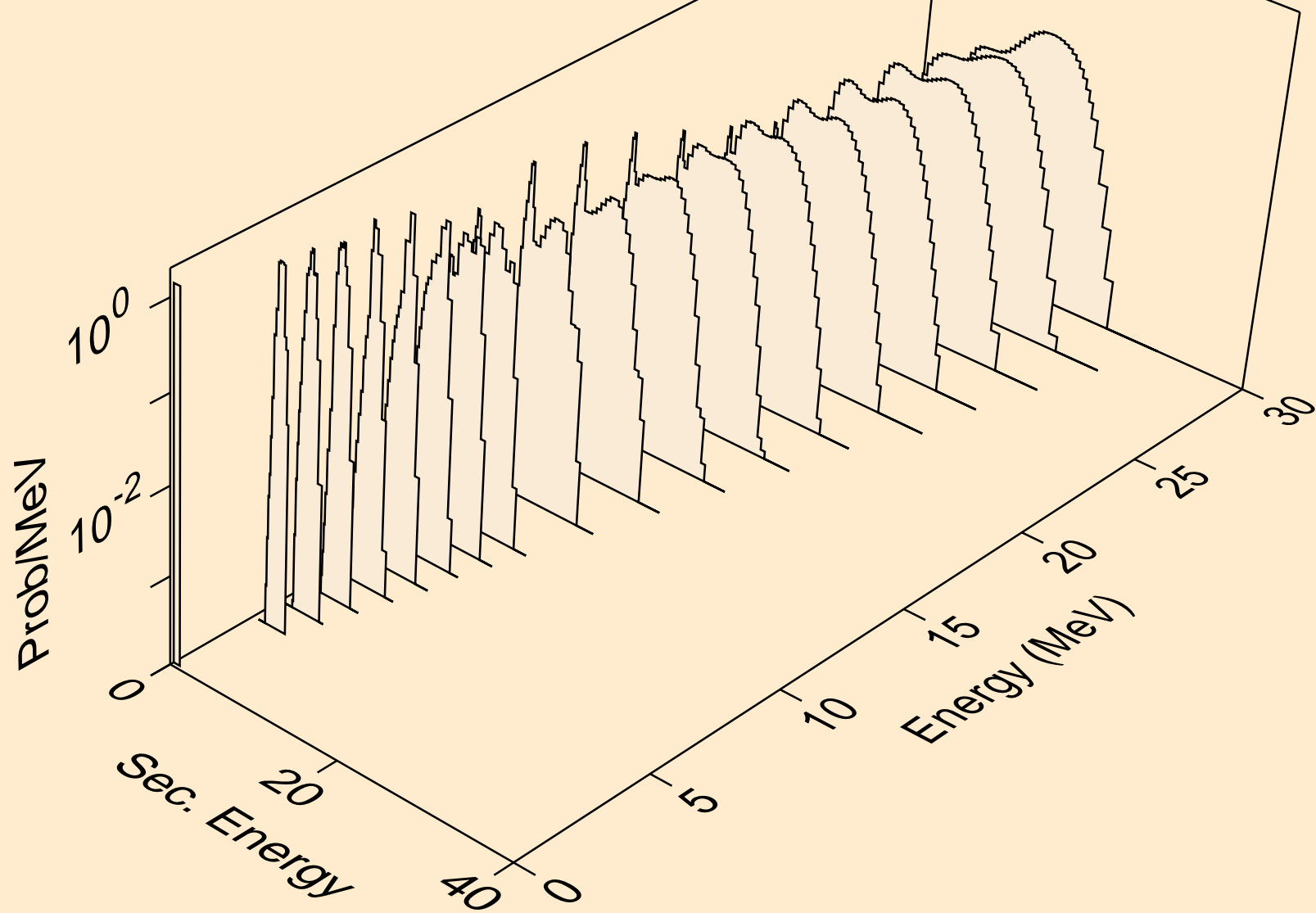
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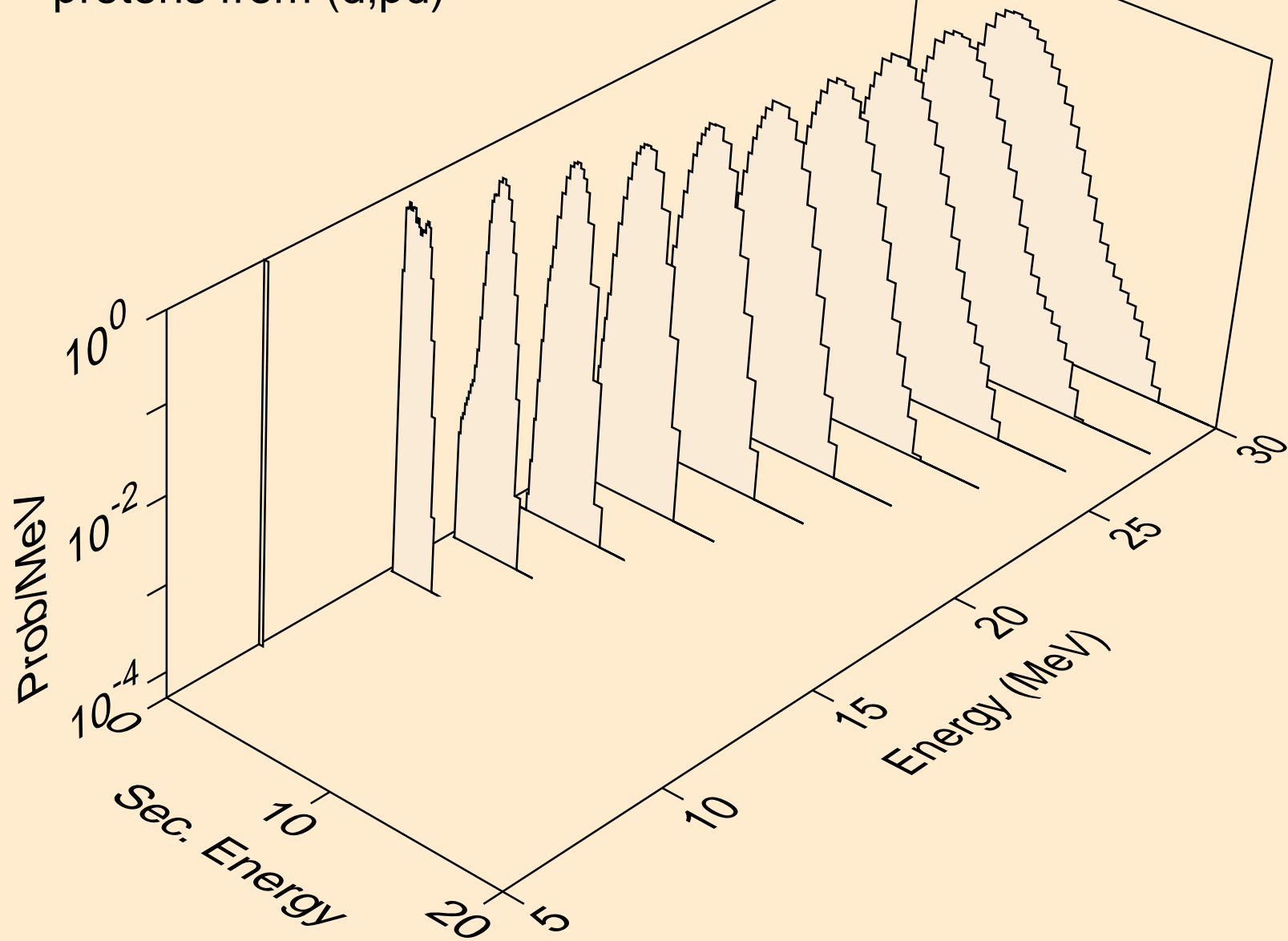
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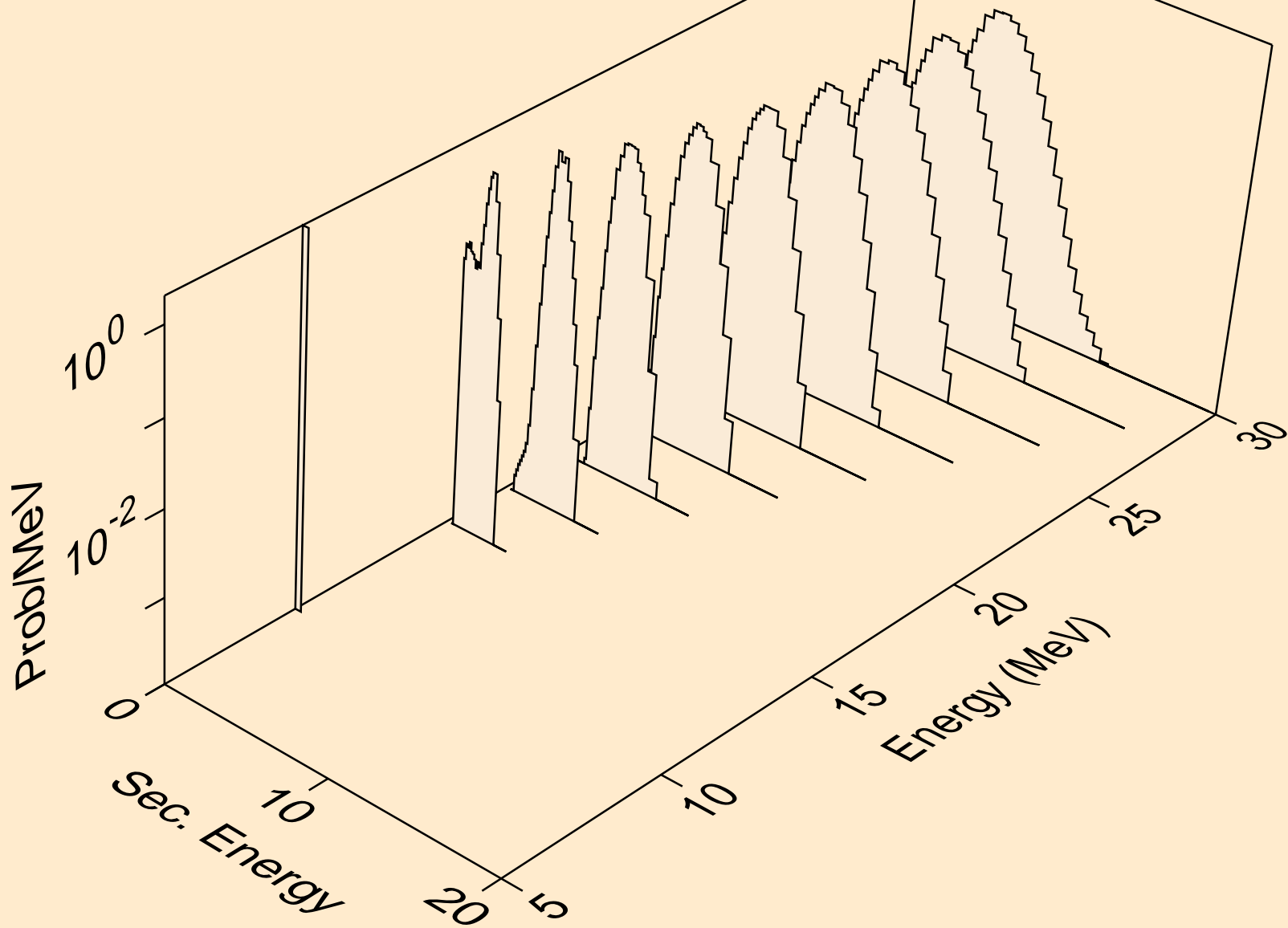
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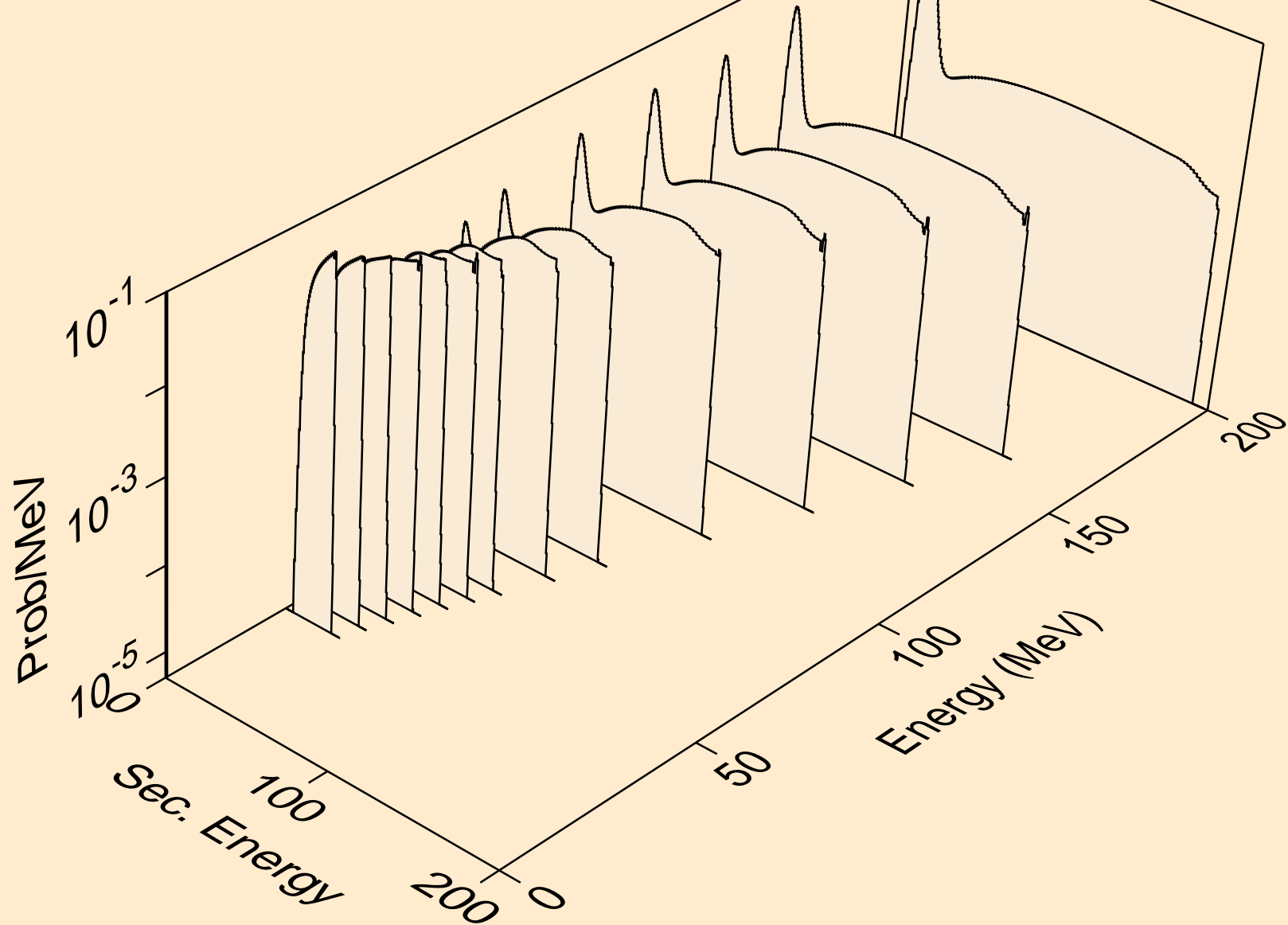
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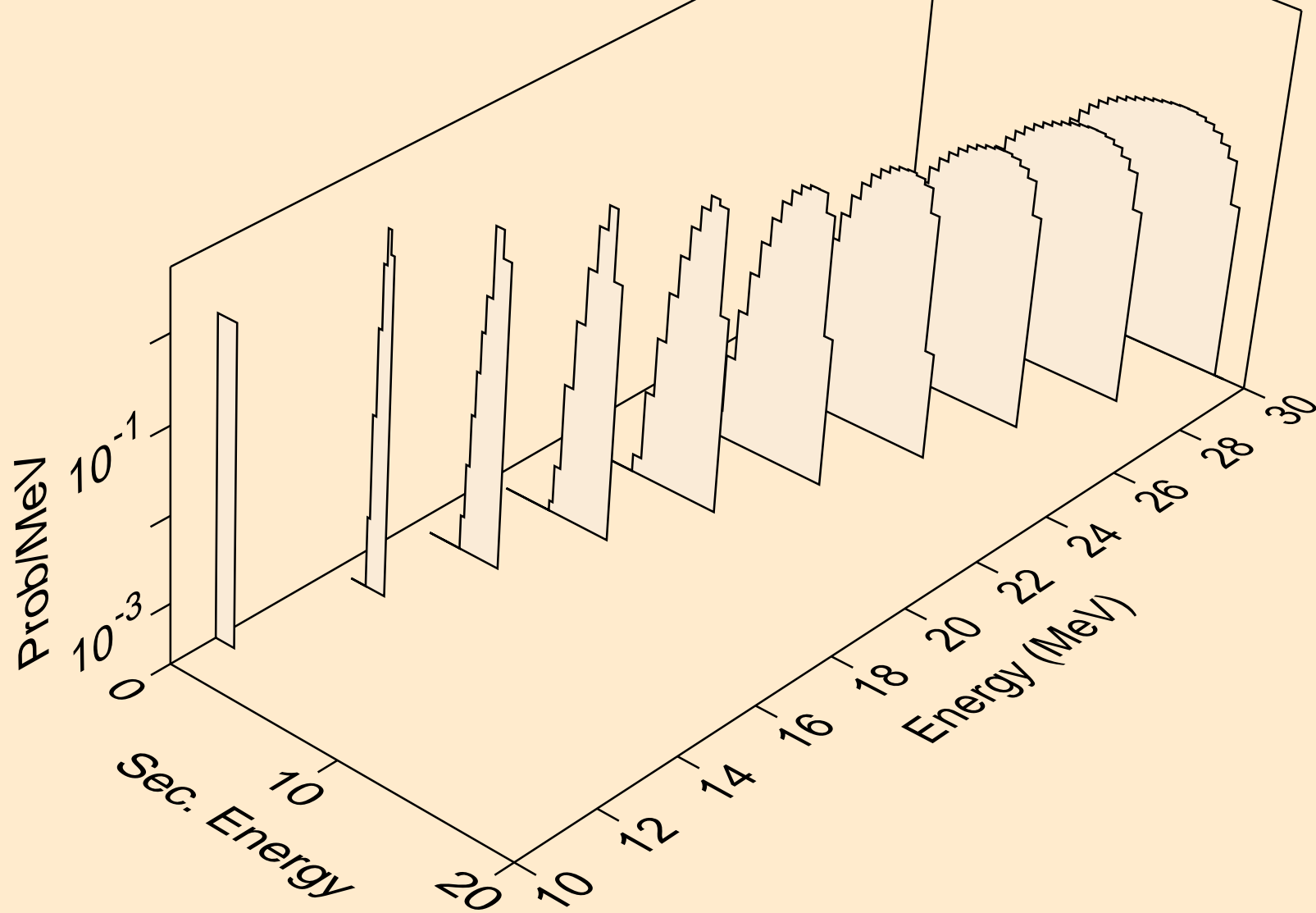
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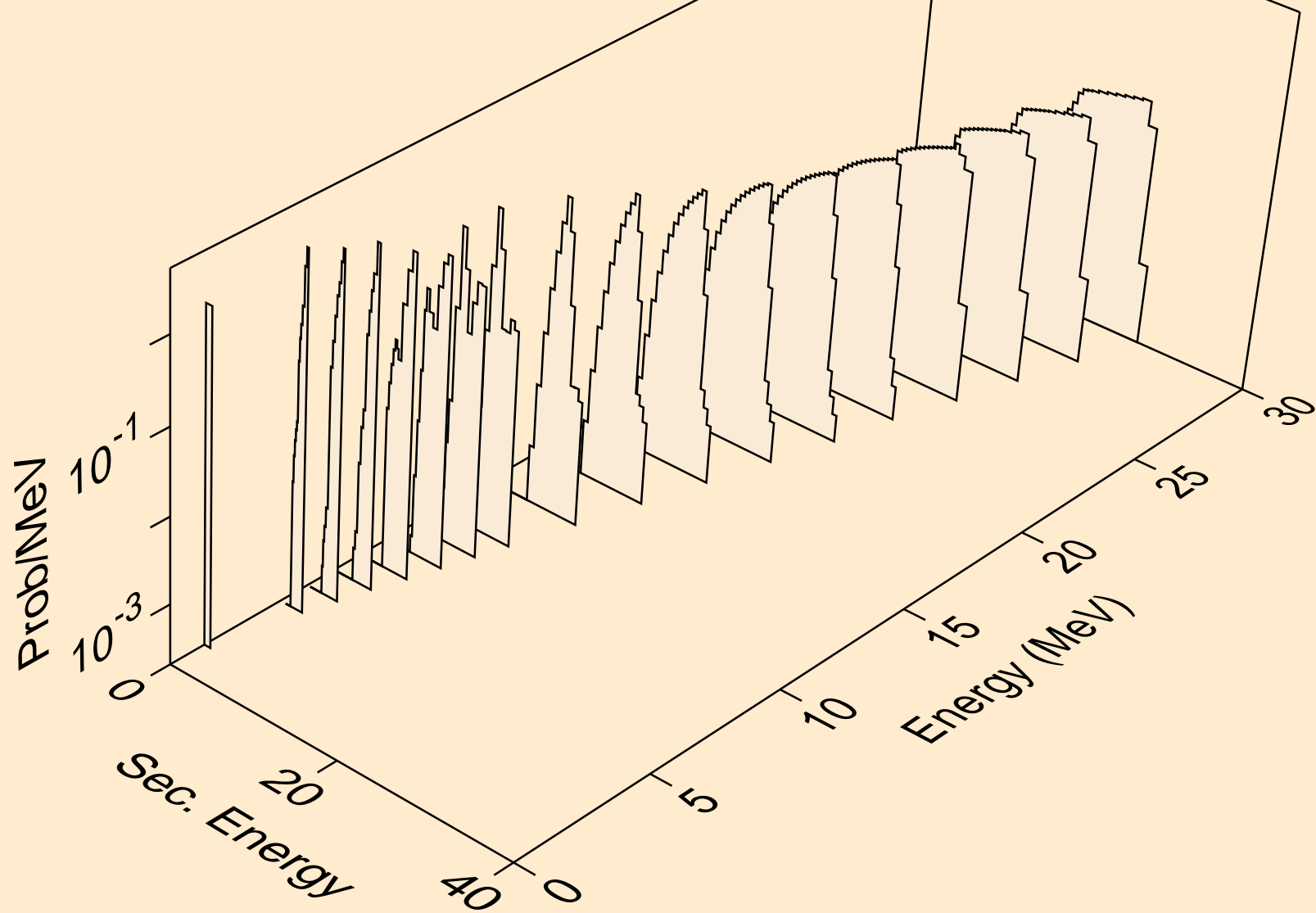
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tritons from (d,x)



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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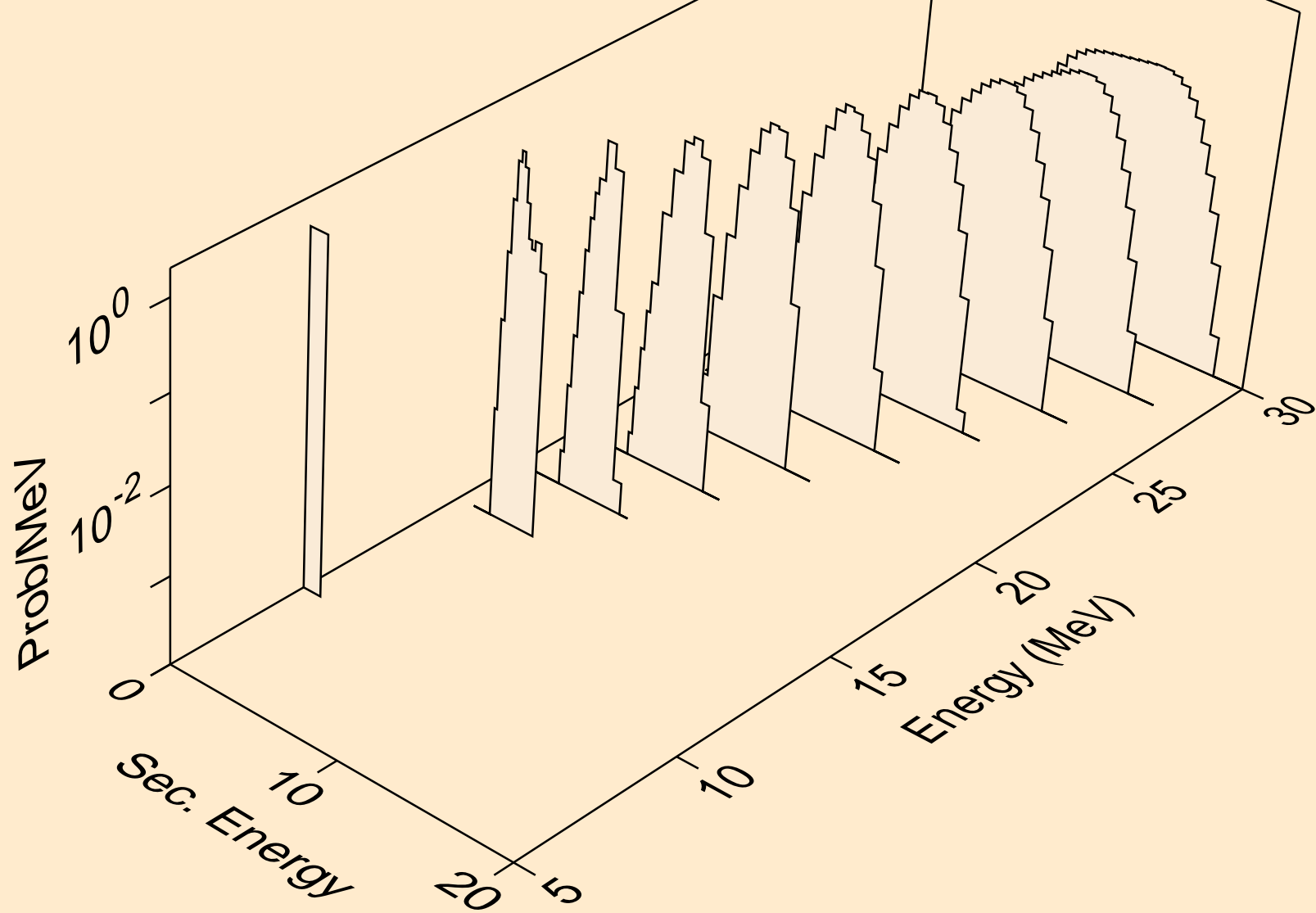


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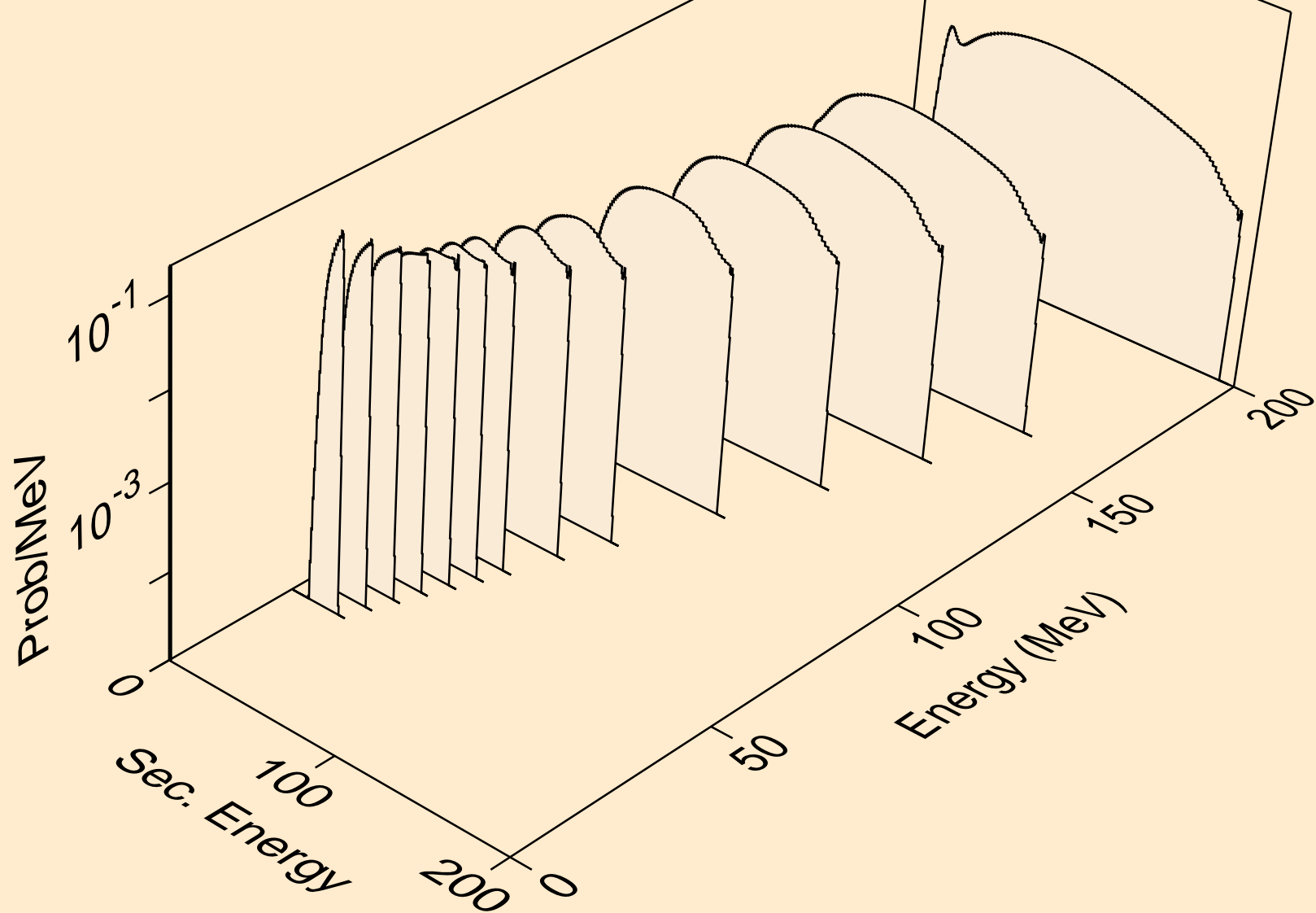




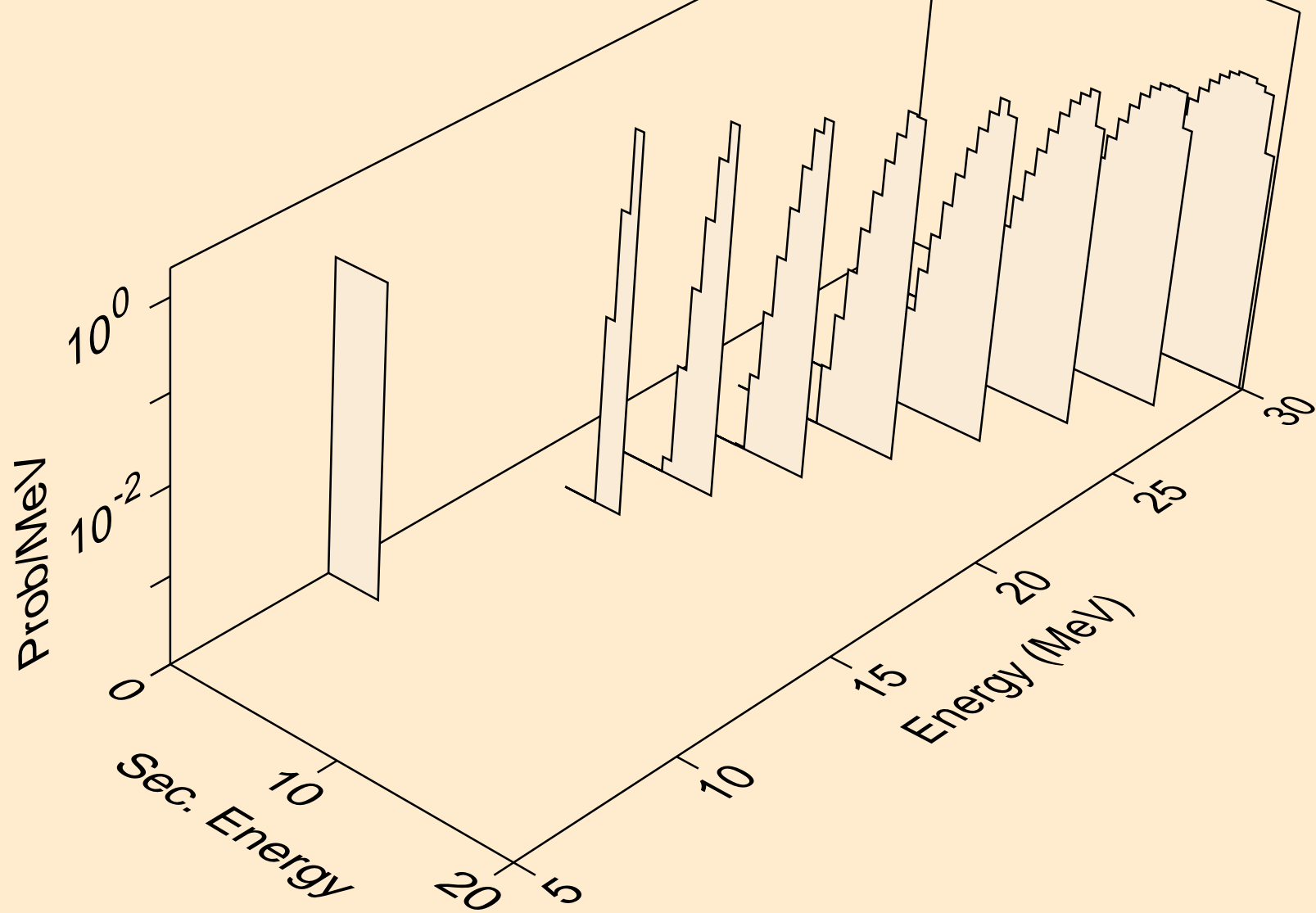
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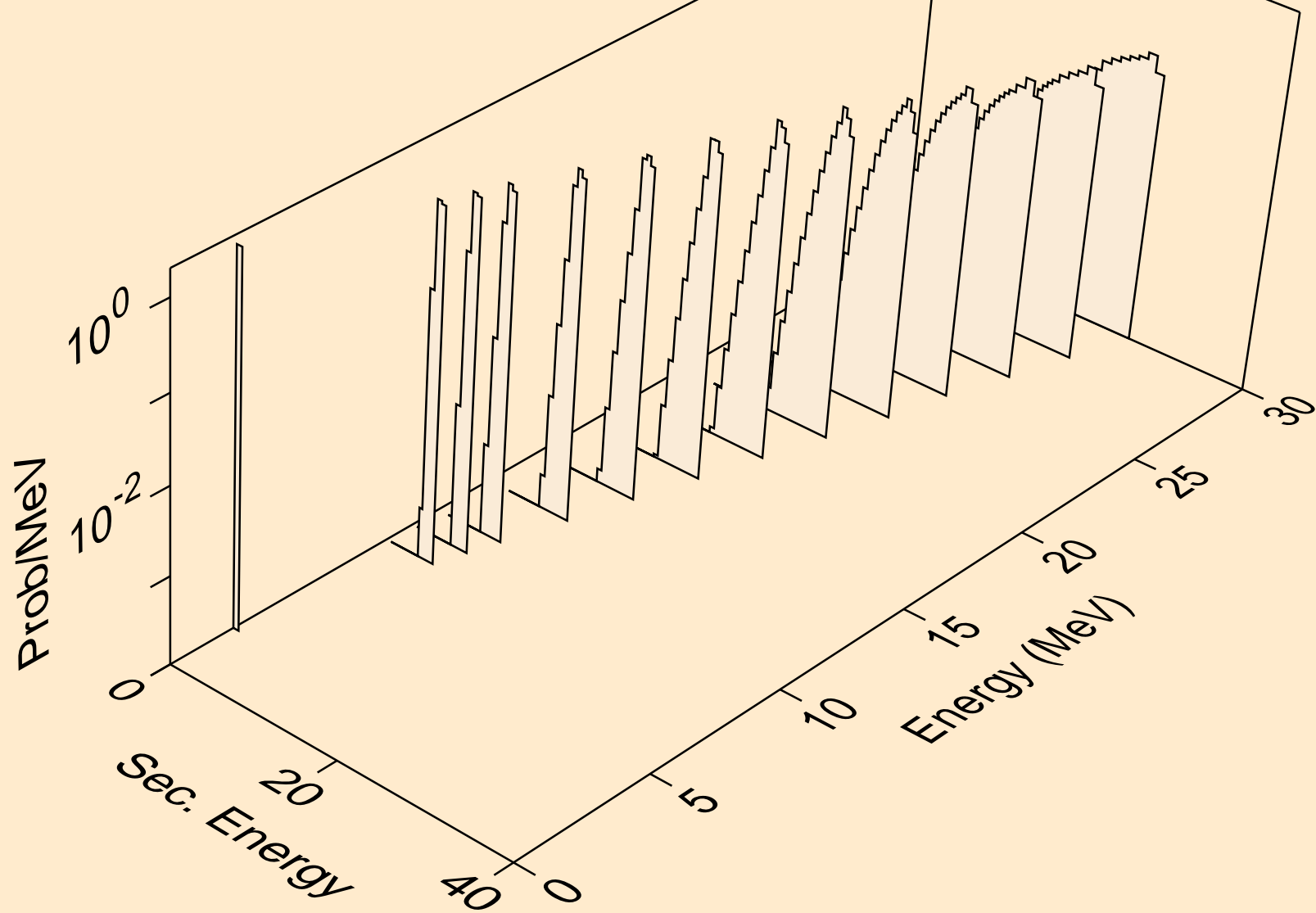
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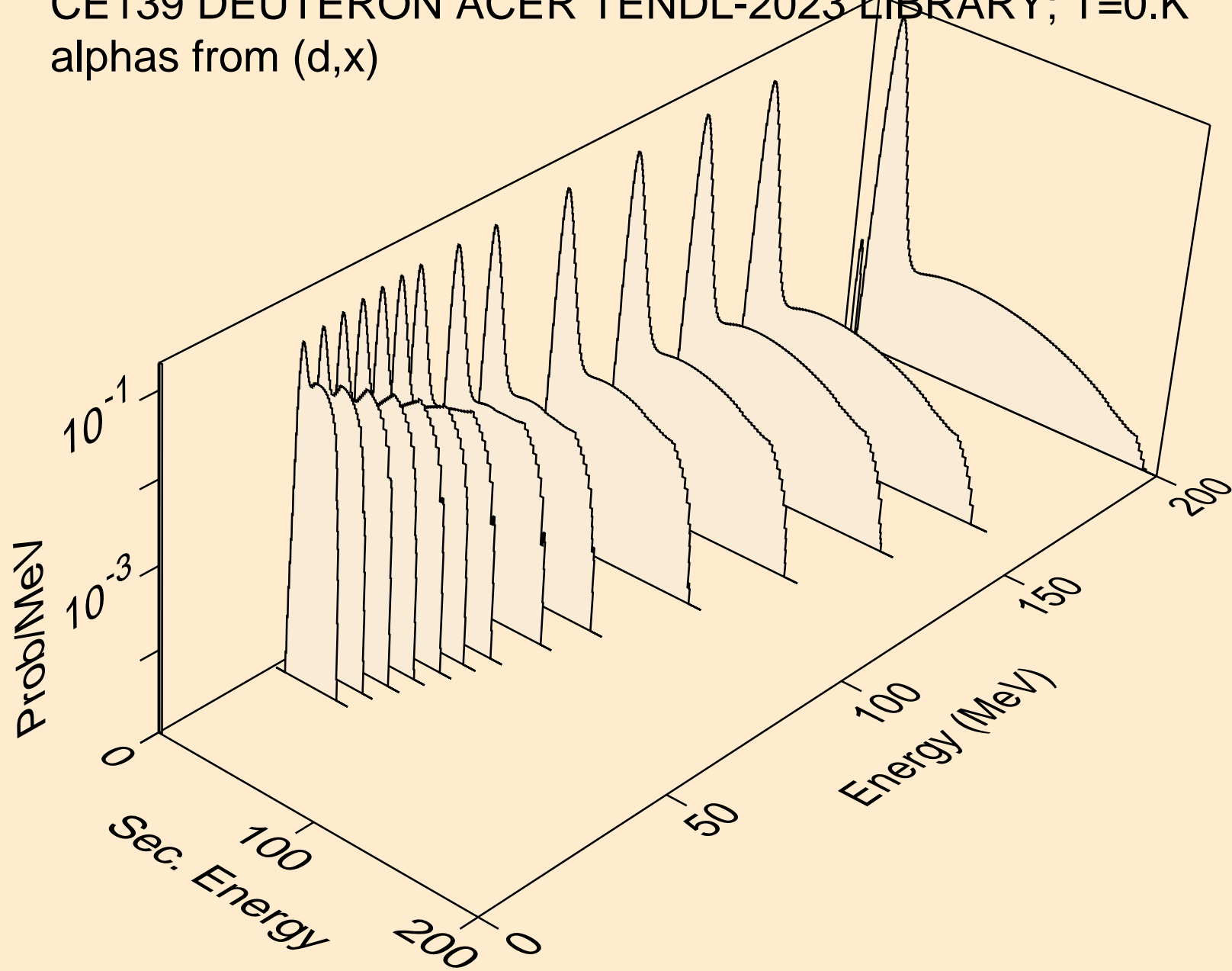
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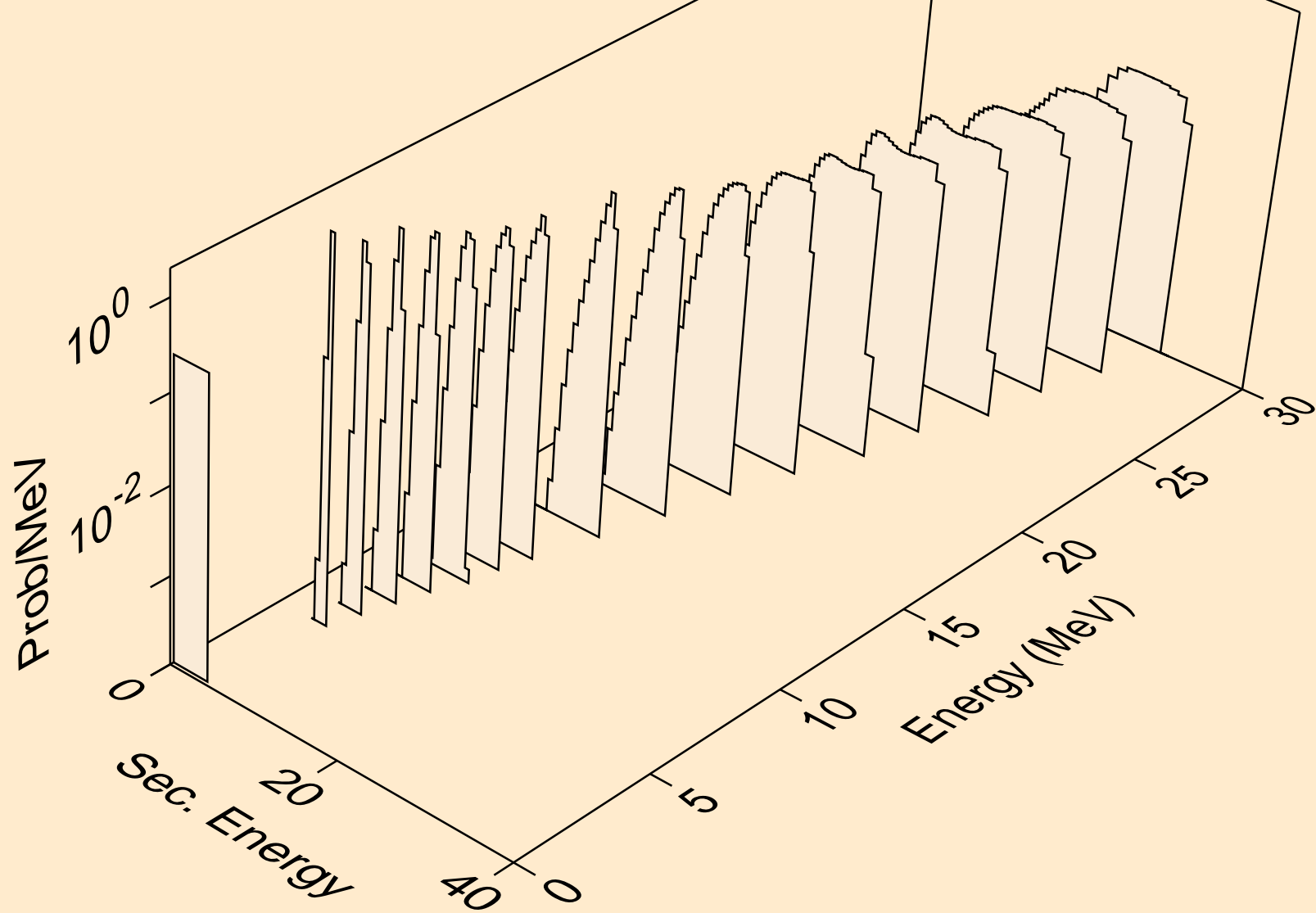
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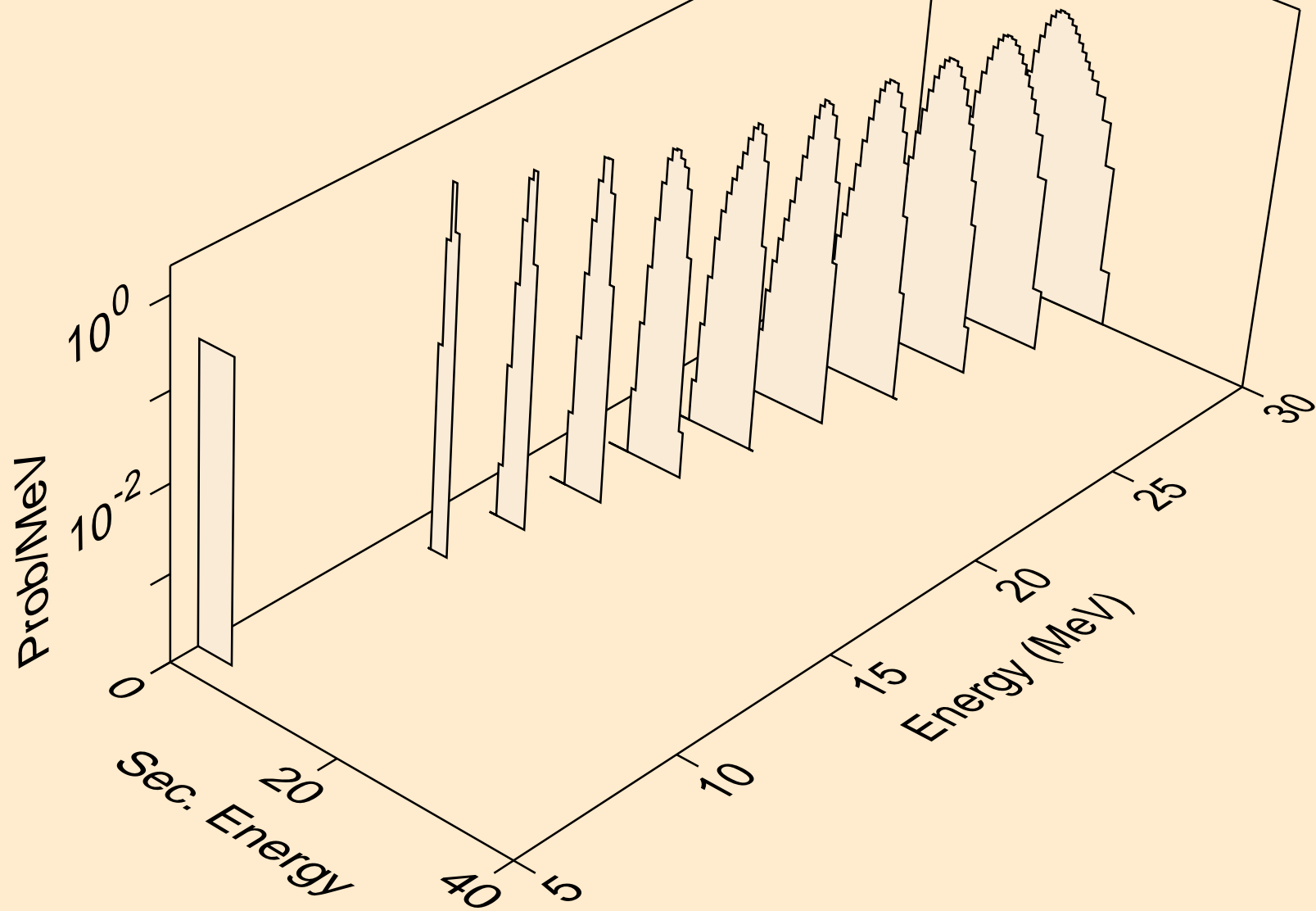
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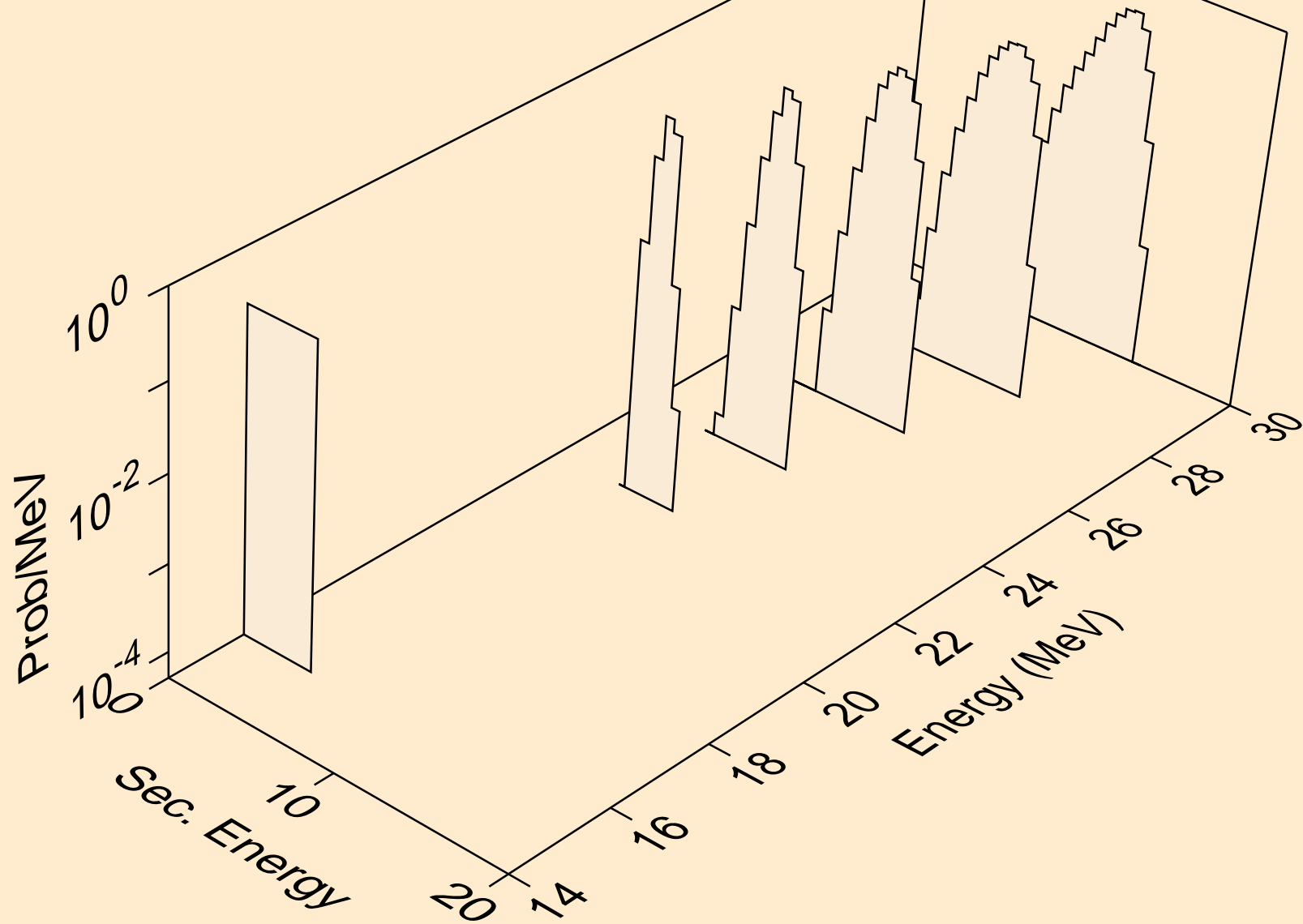
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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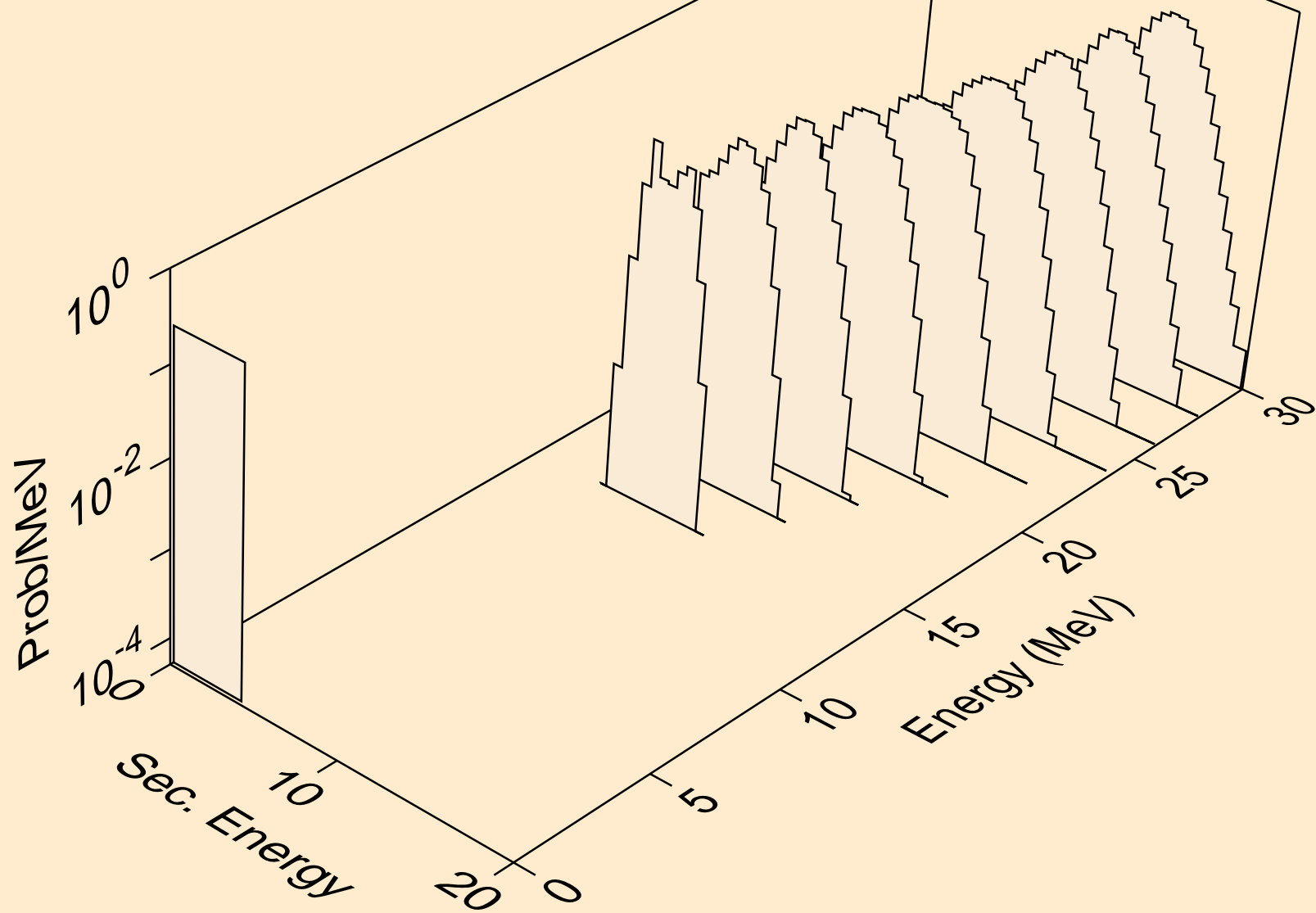


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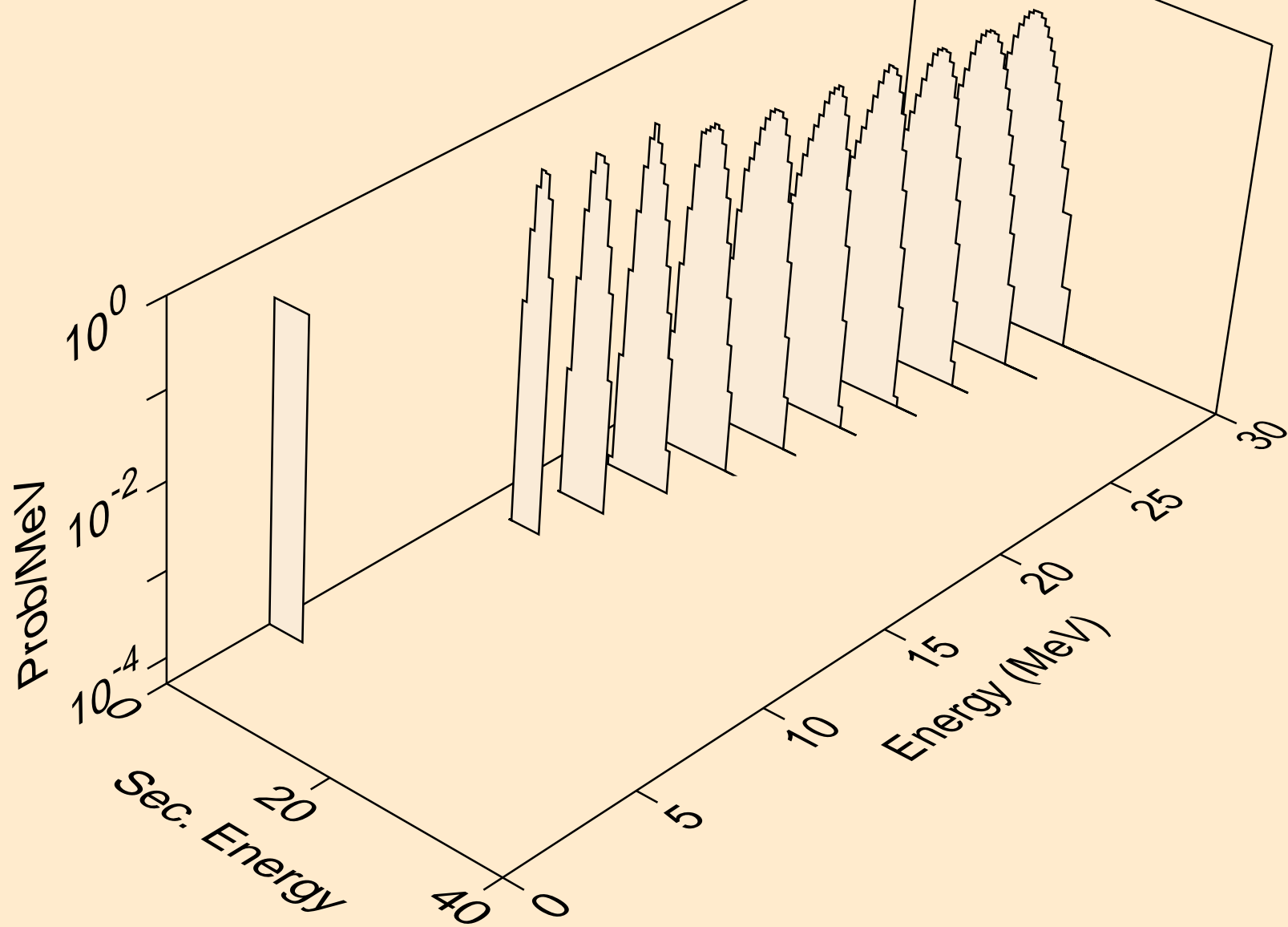




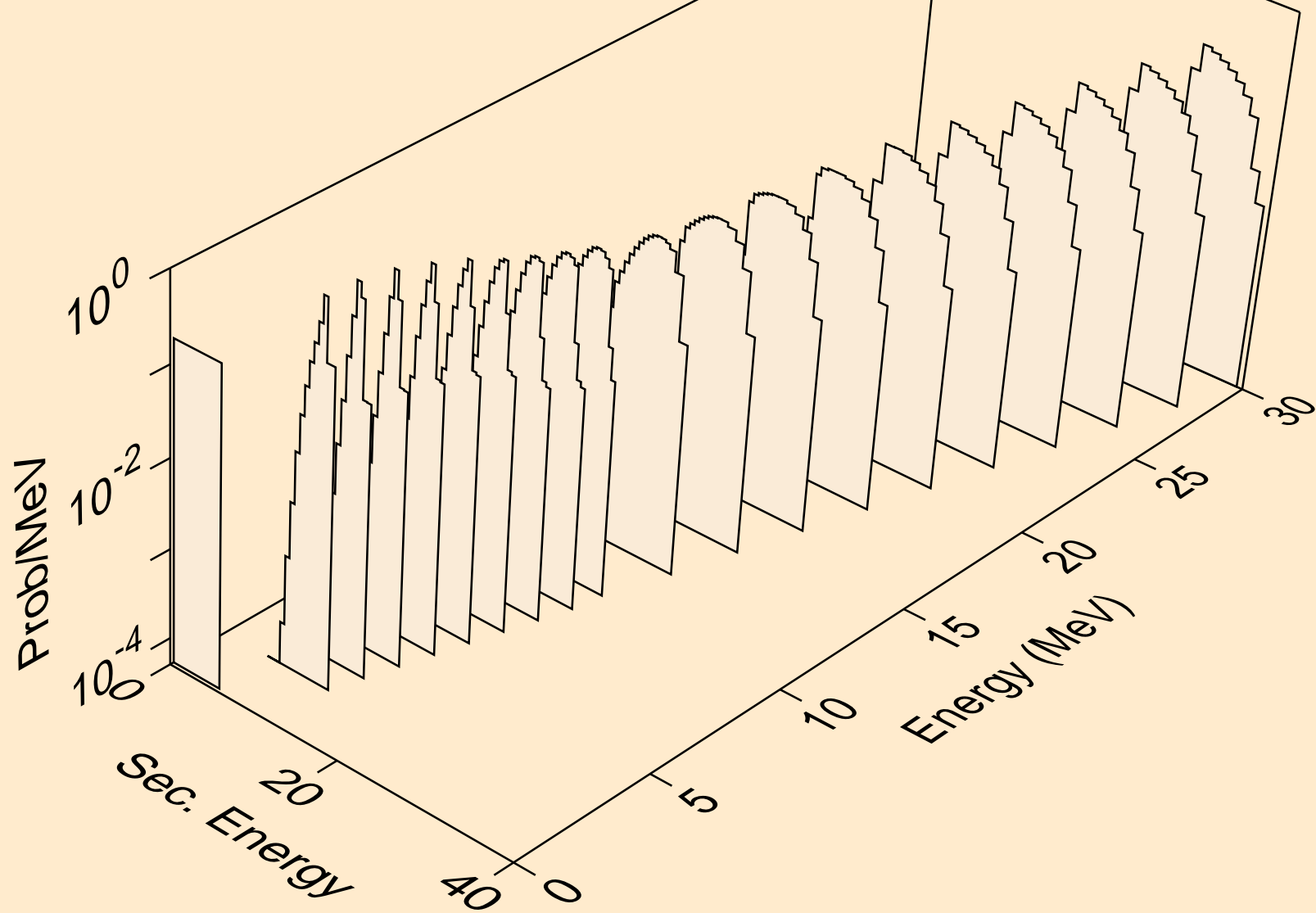
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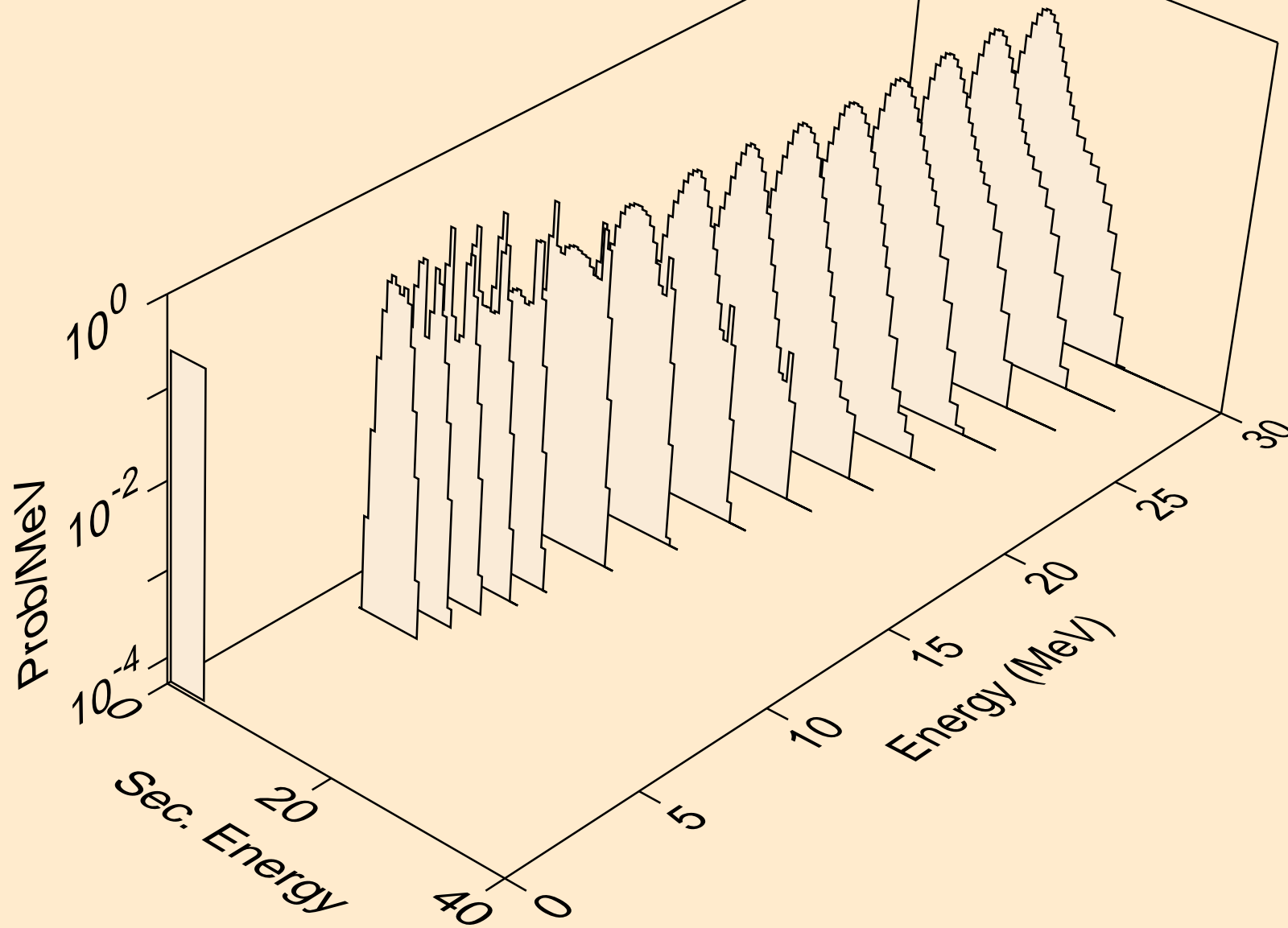
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alphas from (d,npa)



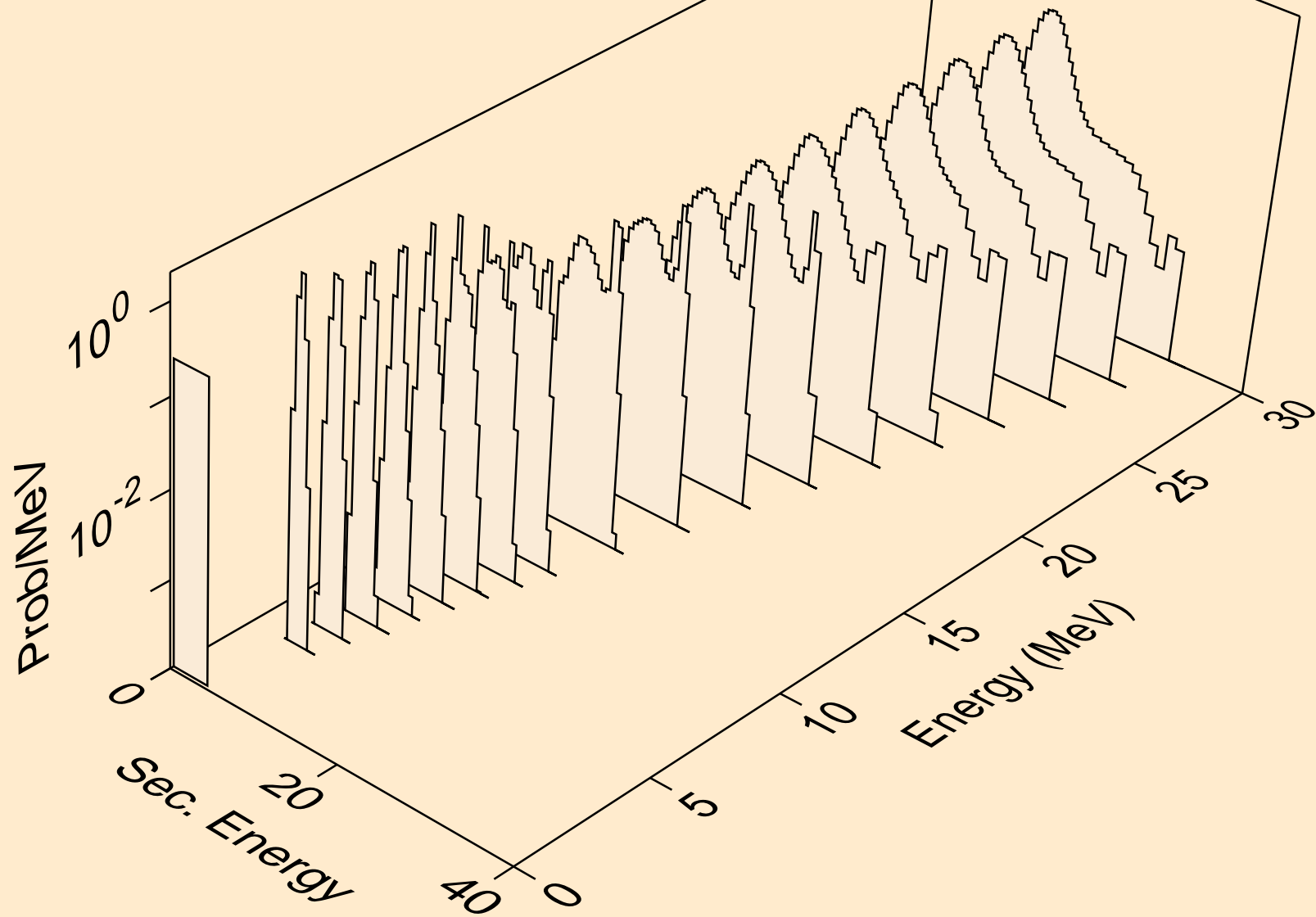
CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,a)



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2a)



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)



CE139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

