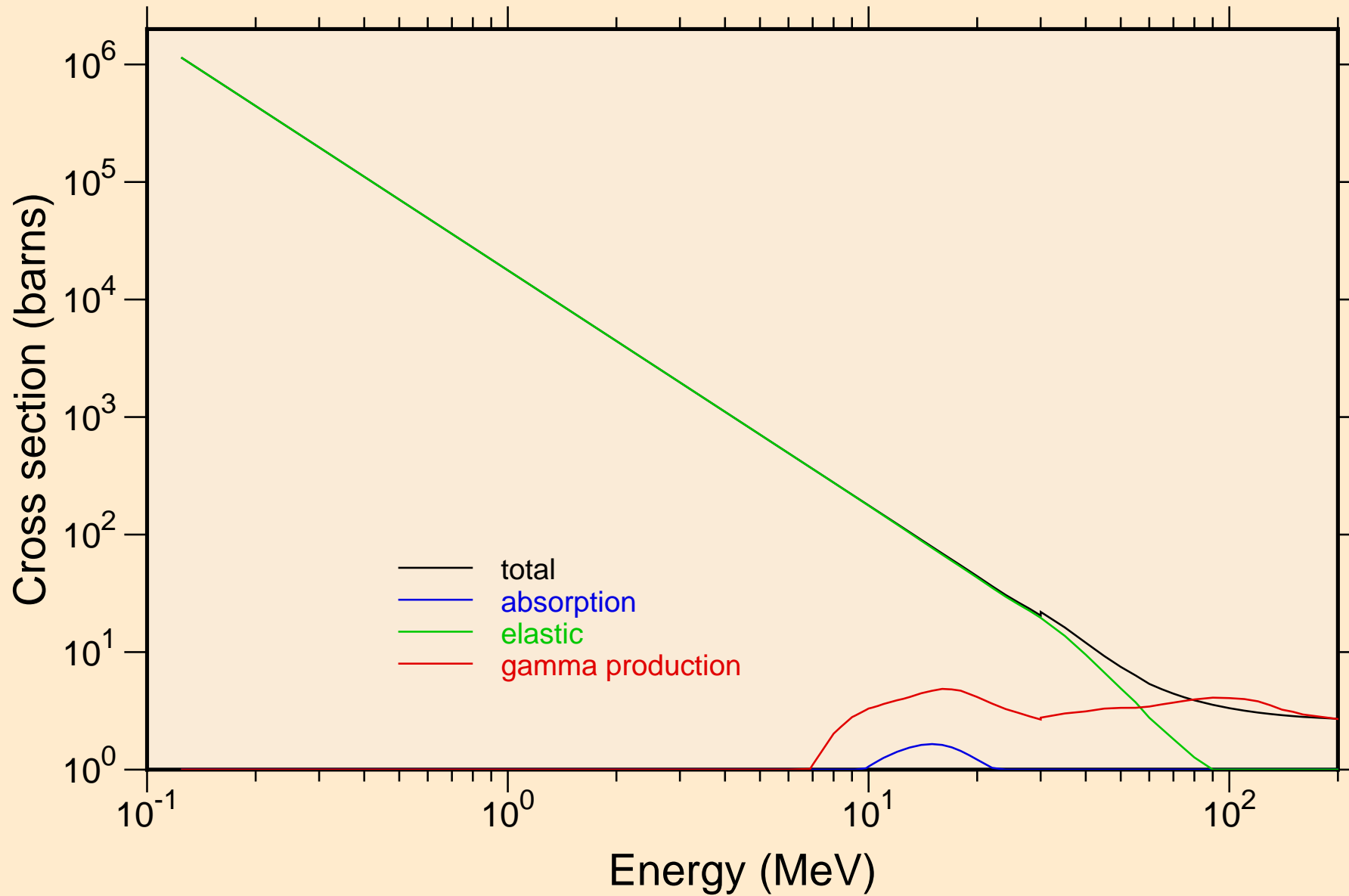


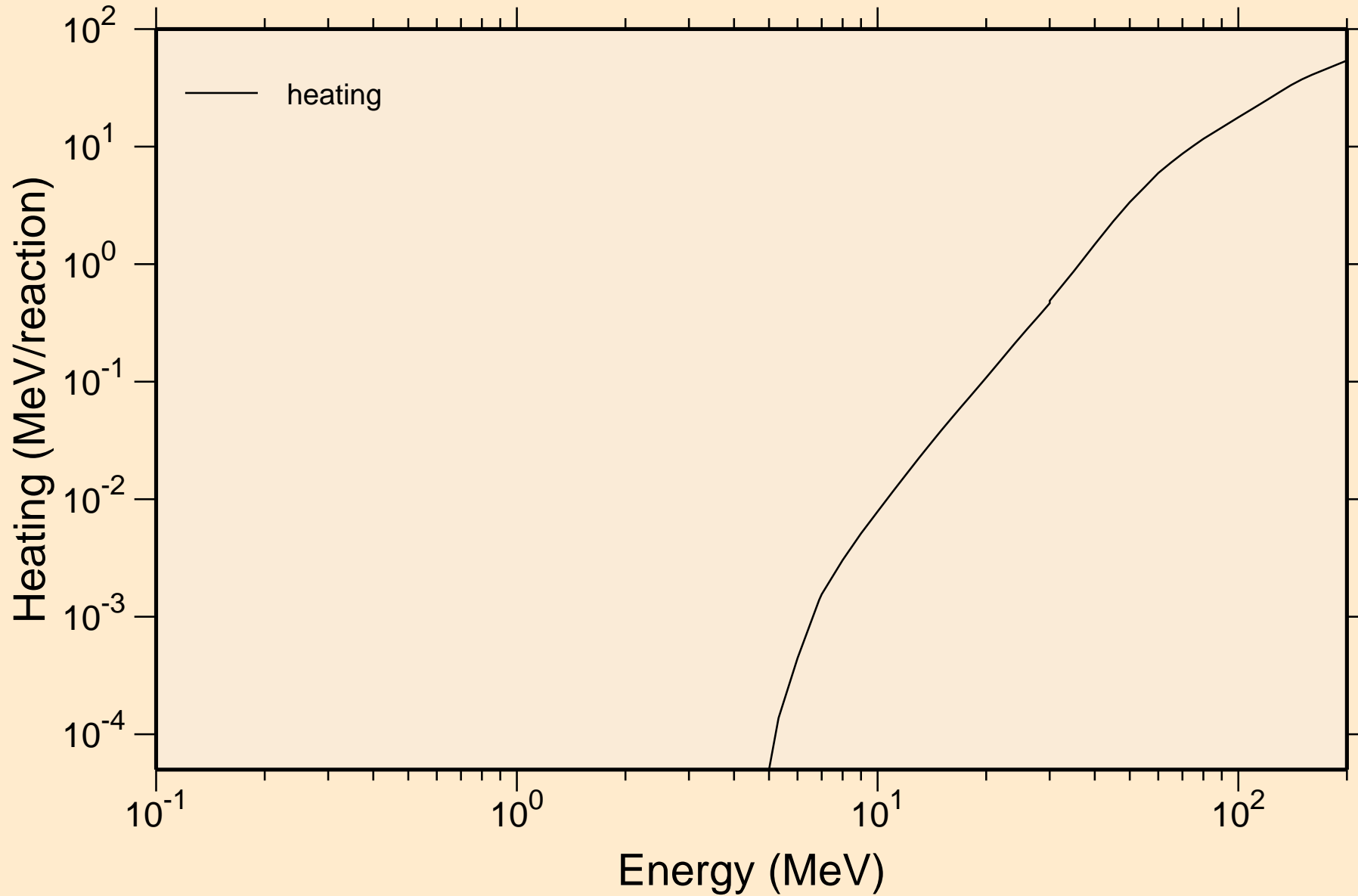
# I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



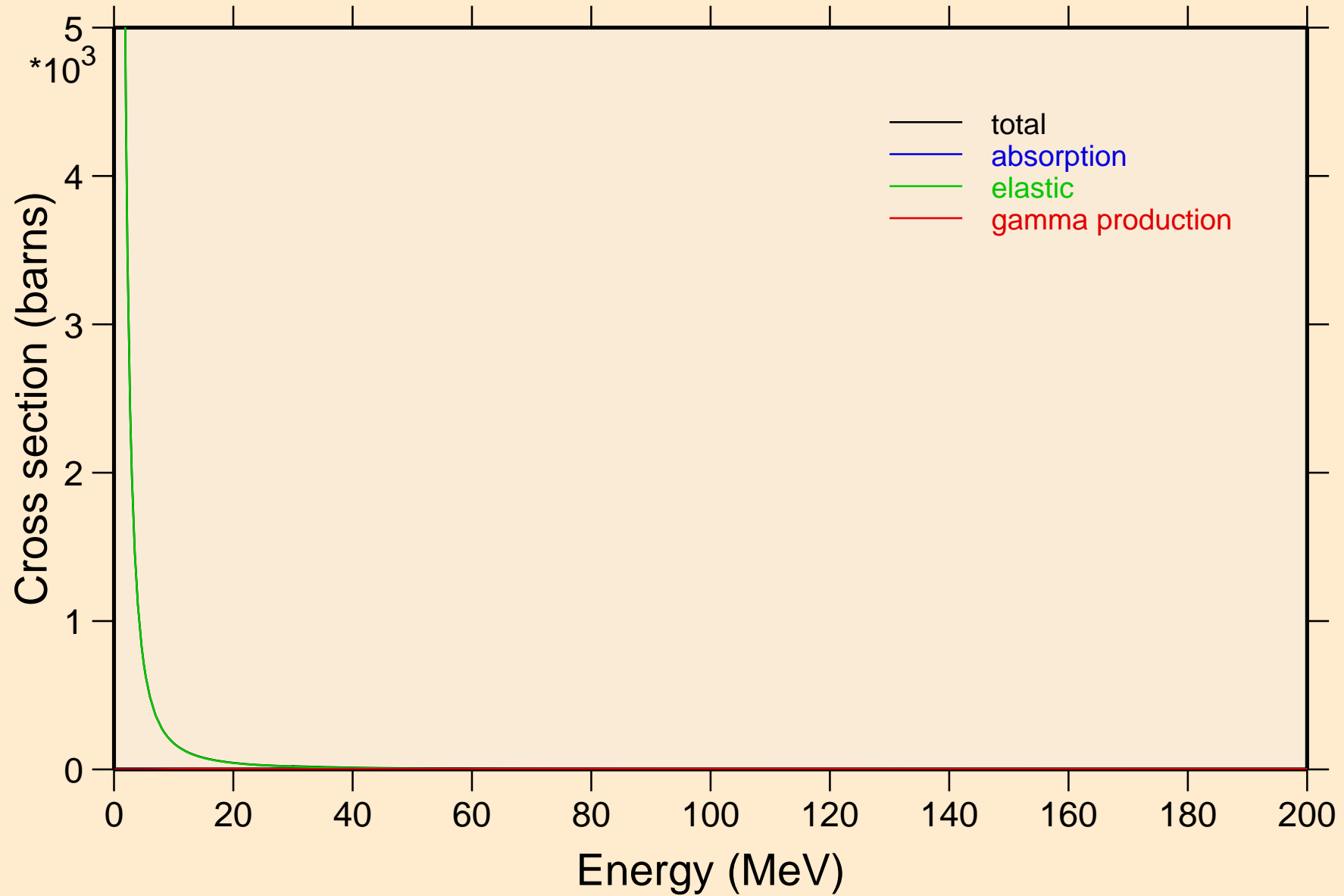
# I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



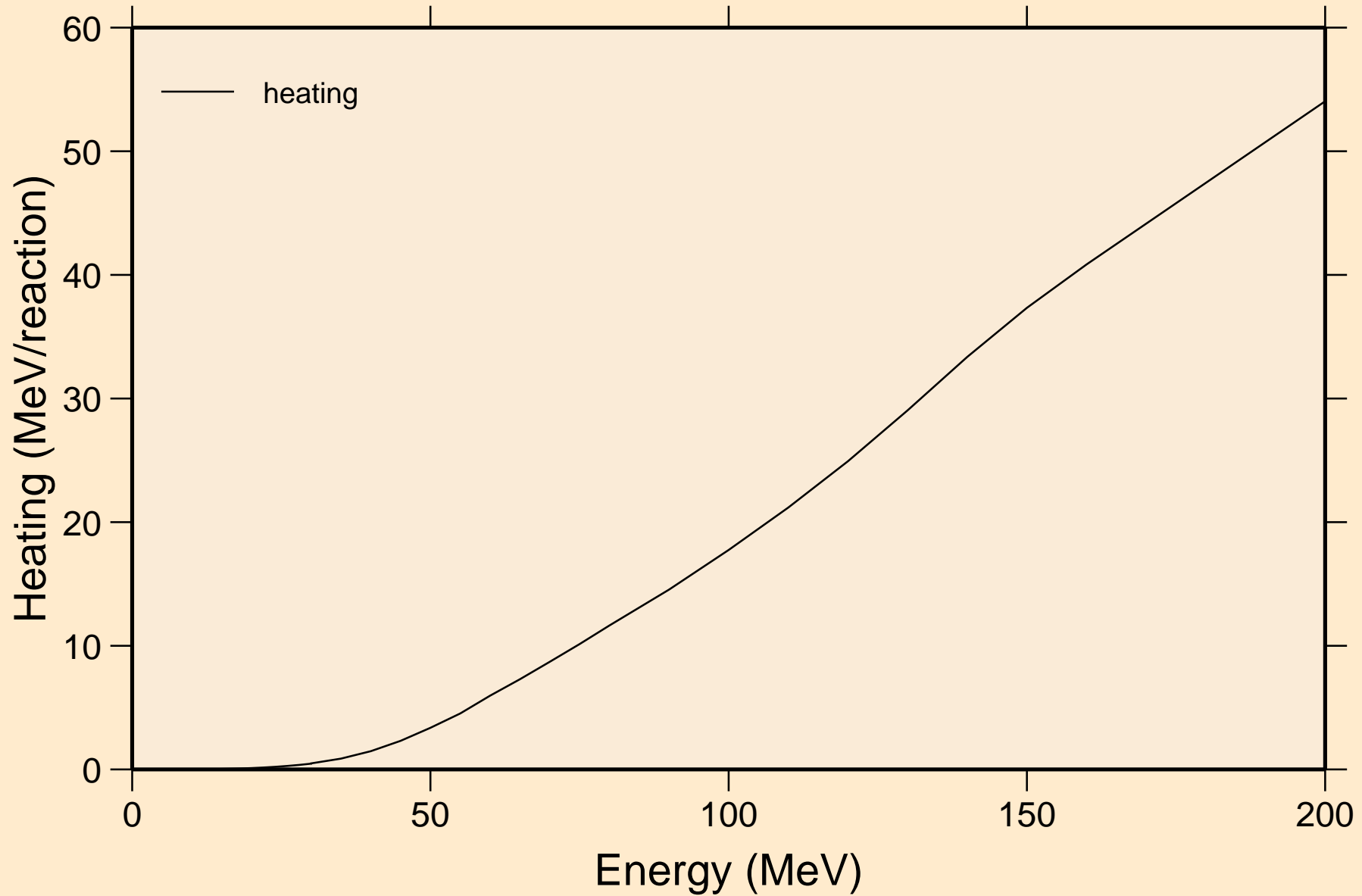
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## Principal cross sections



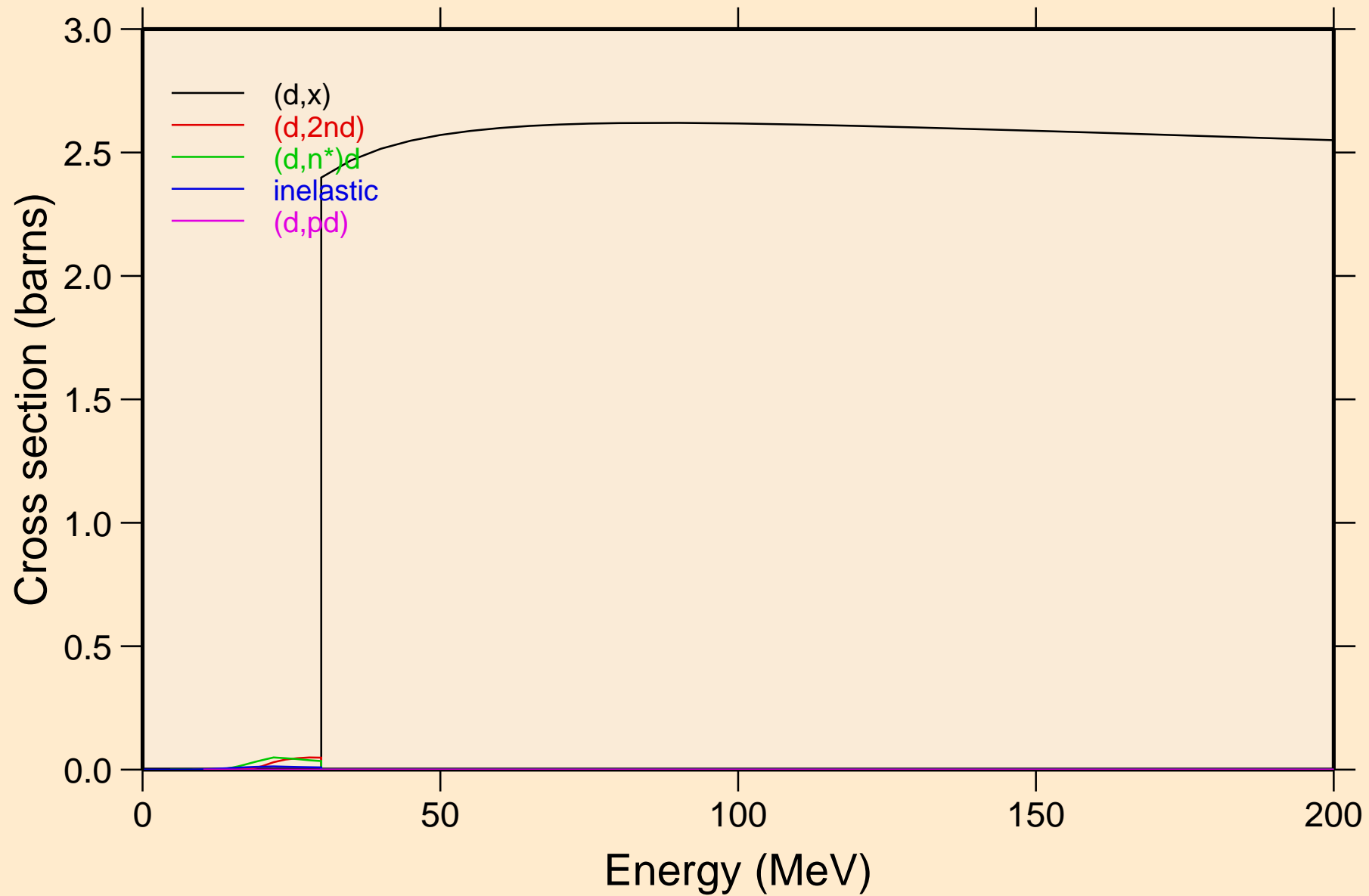
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## Heating

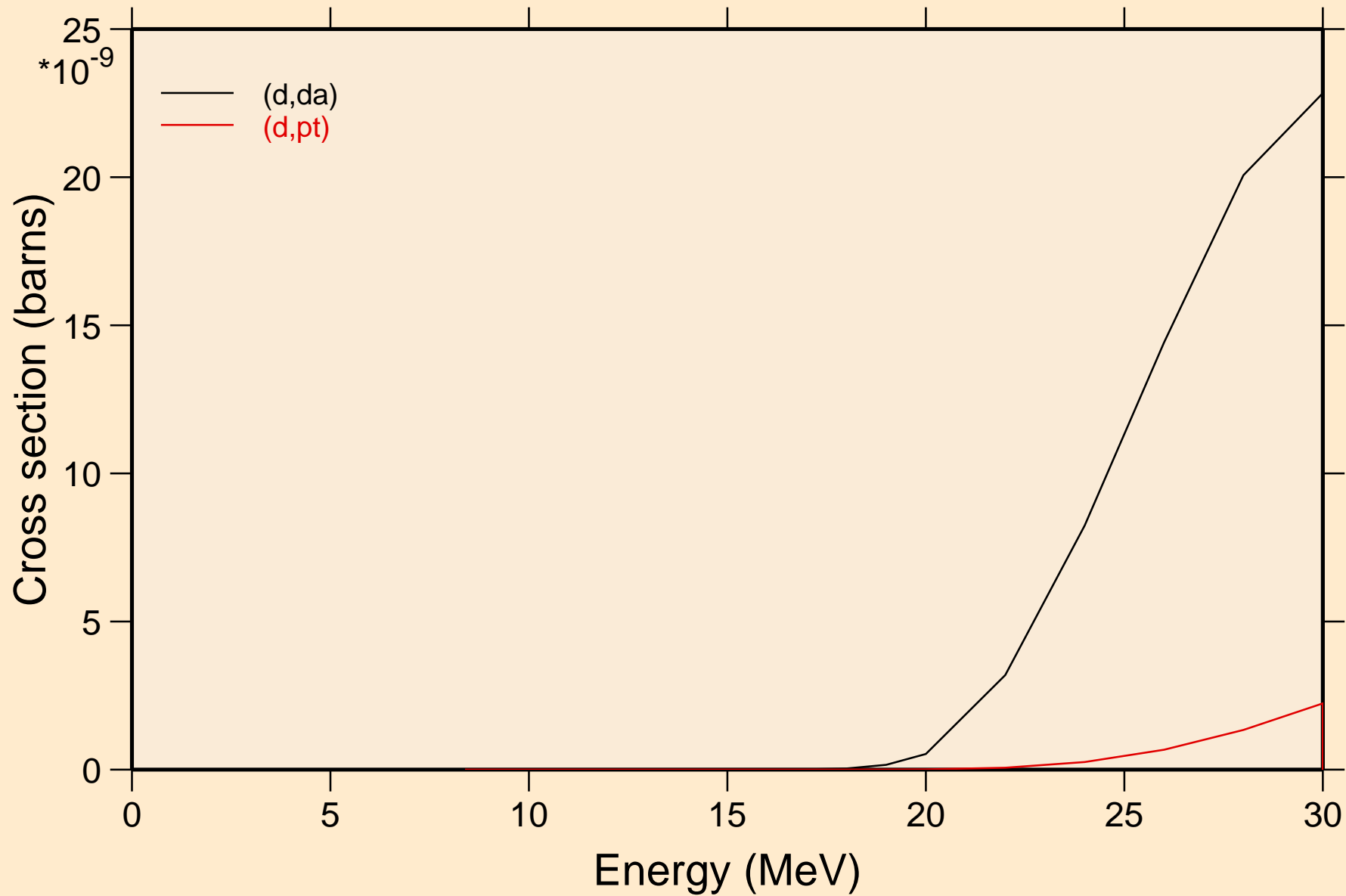


# I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K

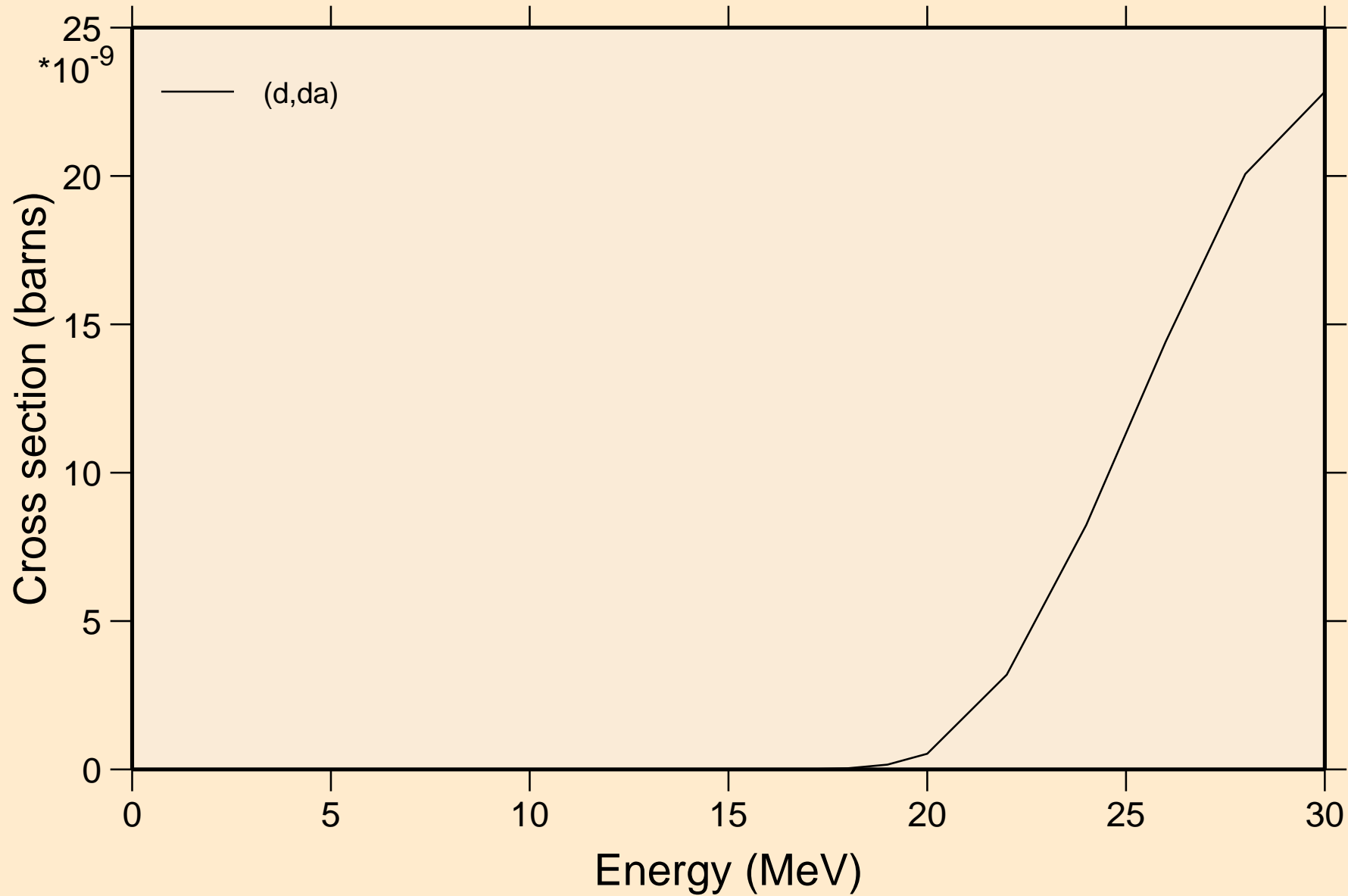
## Threshold reactions



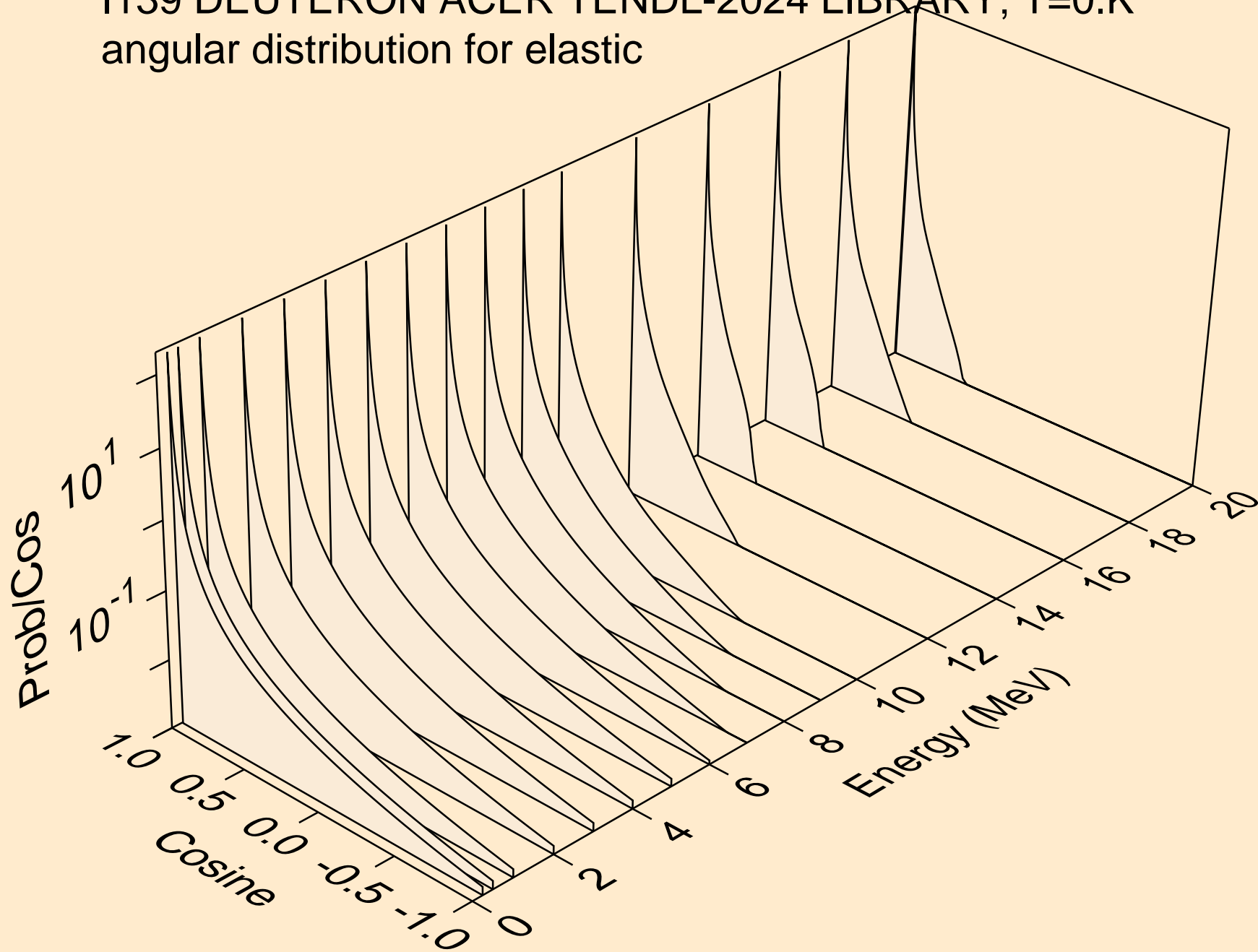
I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



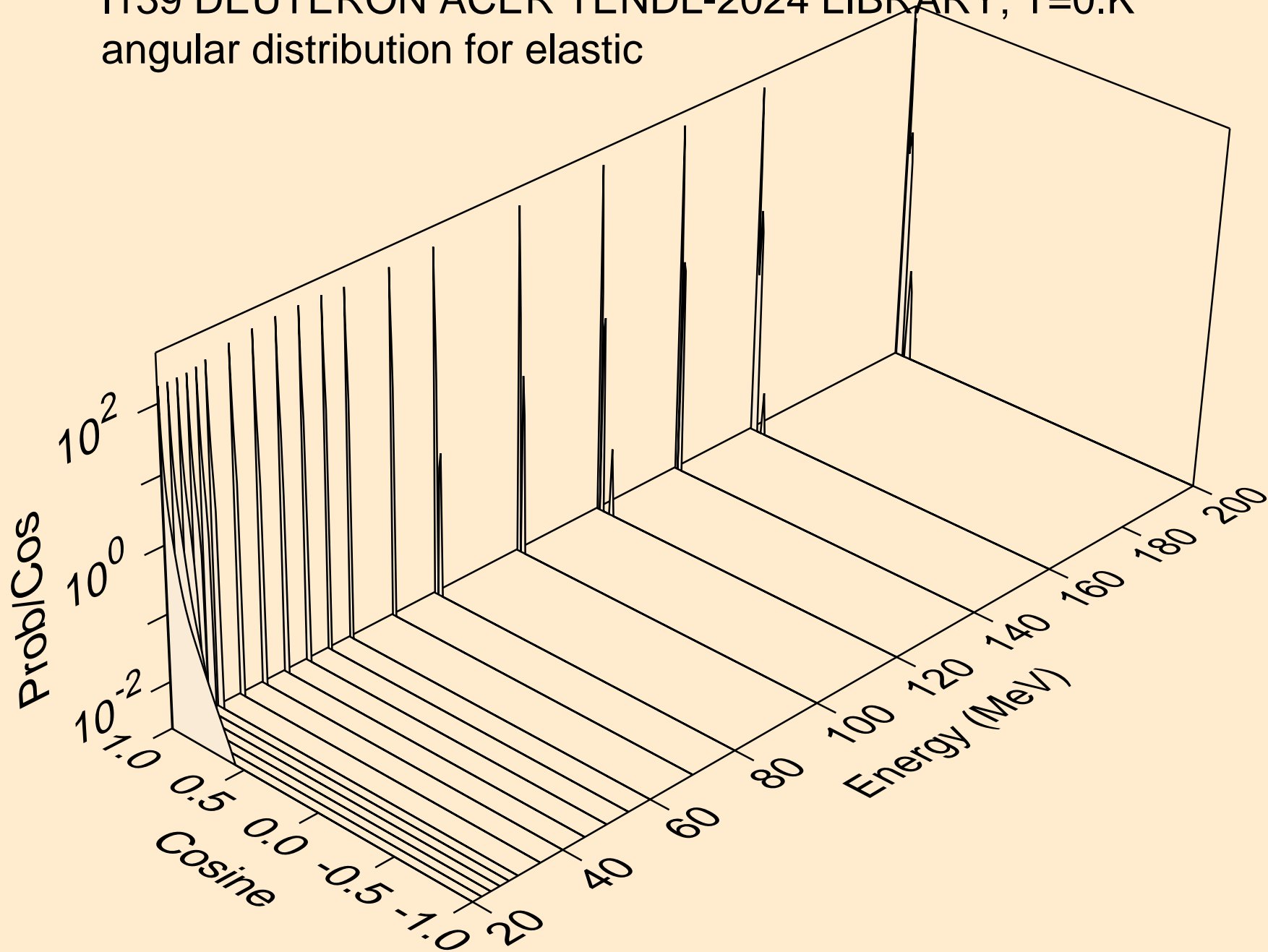
I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



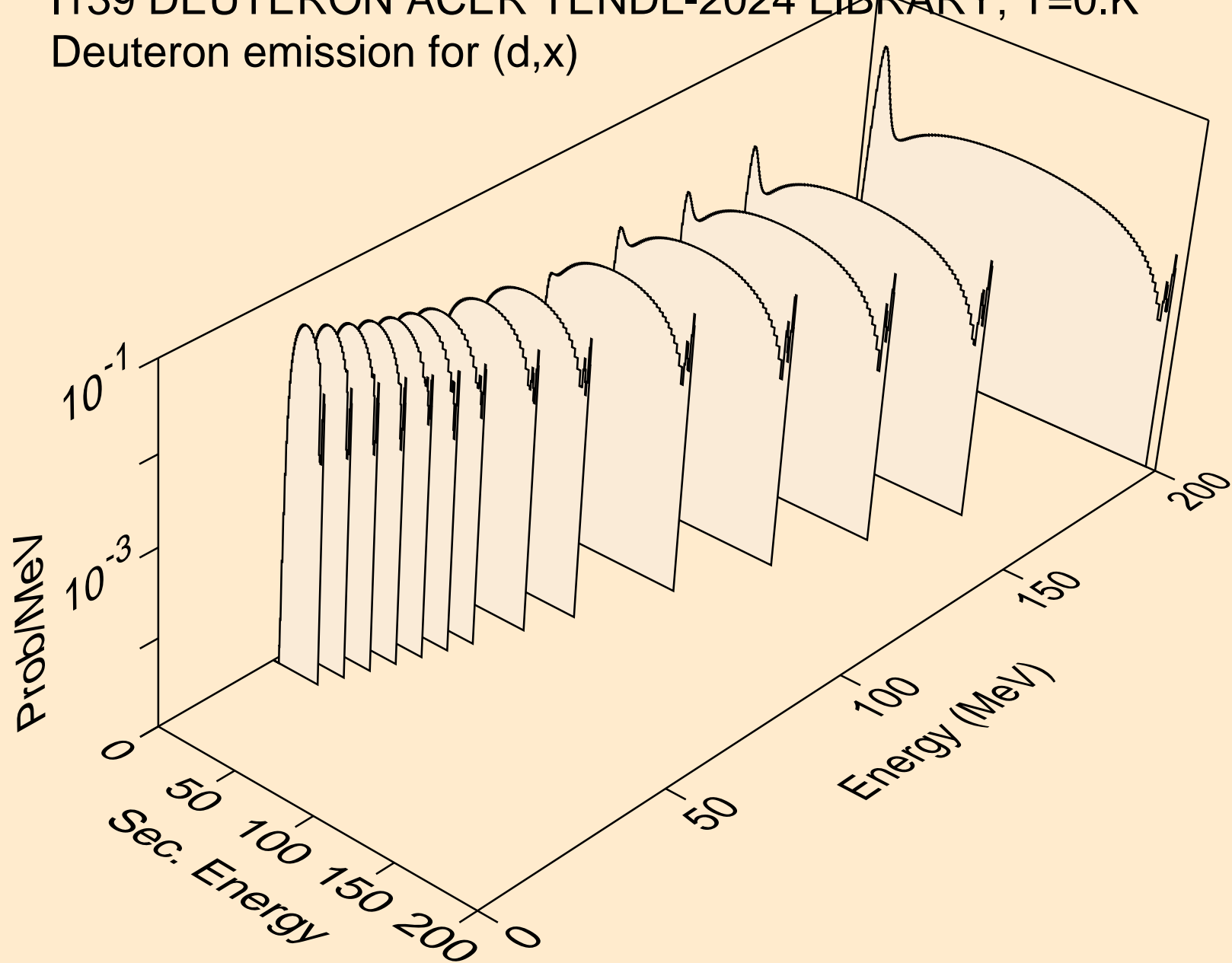
I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



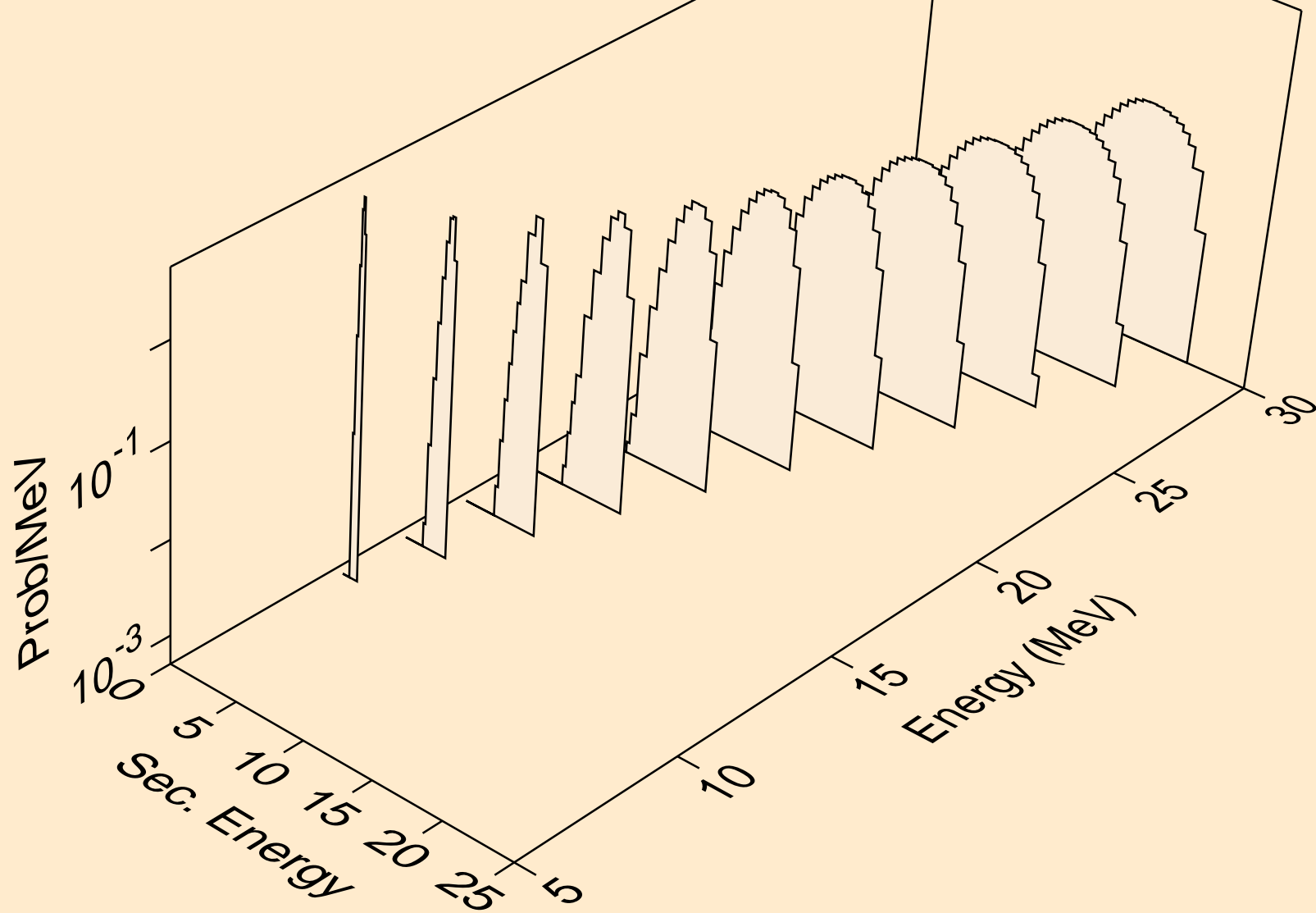
I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



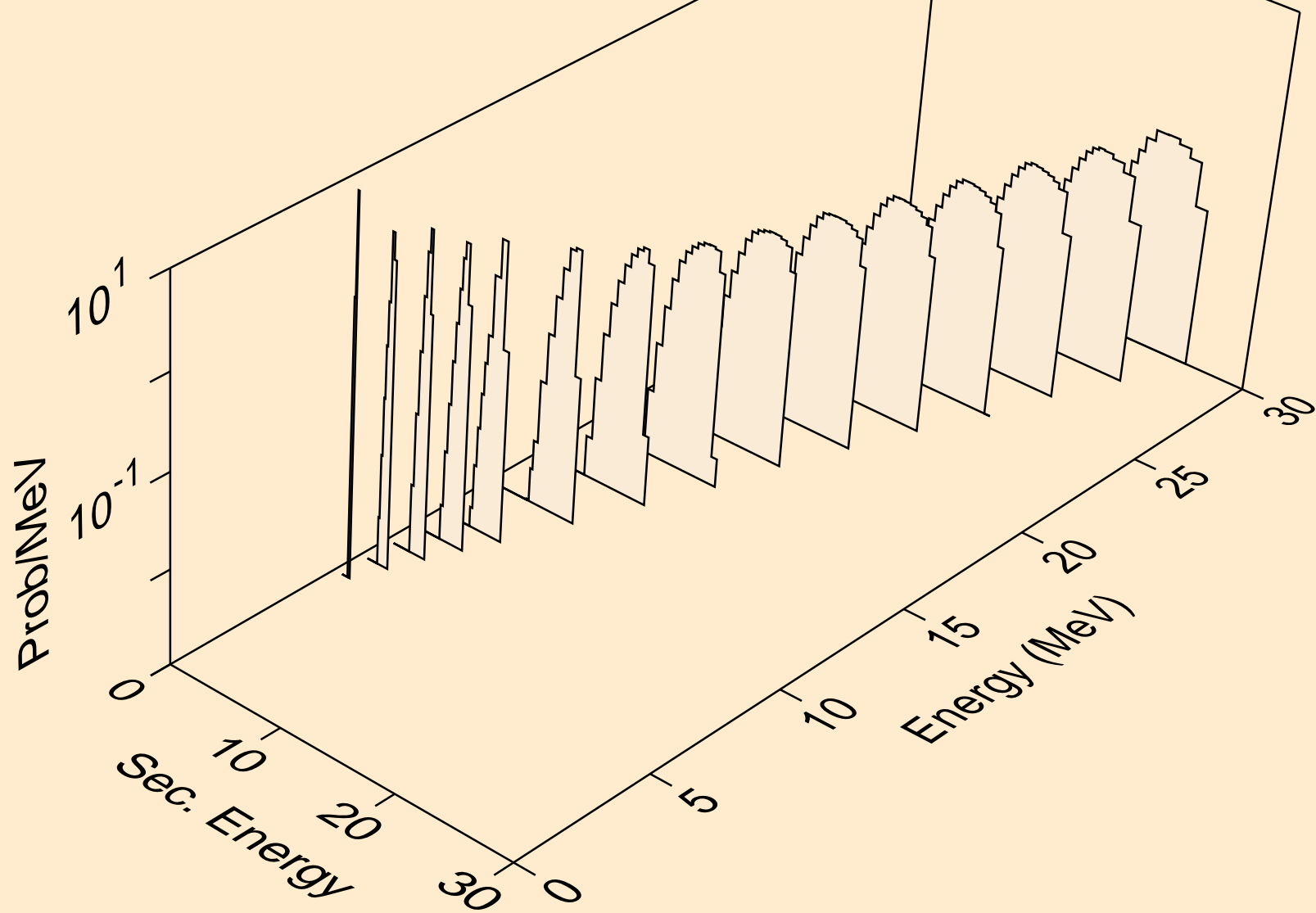
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Deuteron emission for (d,x)



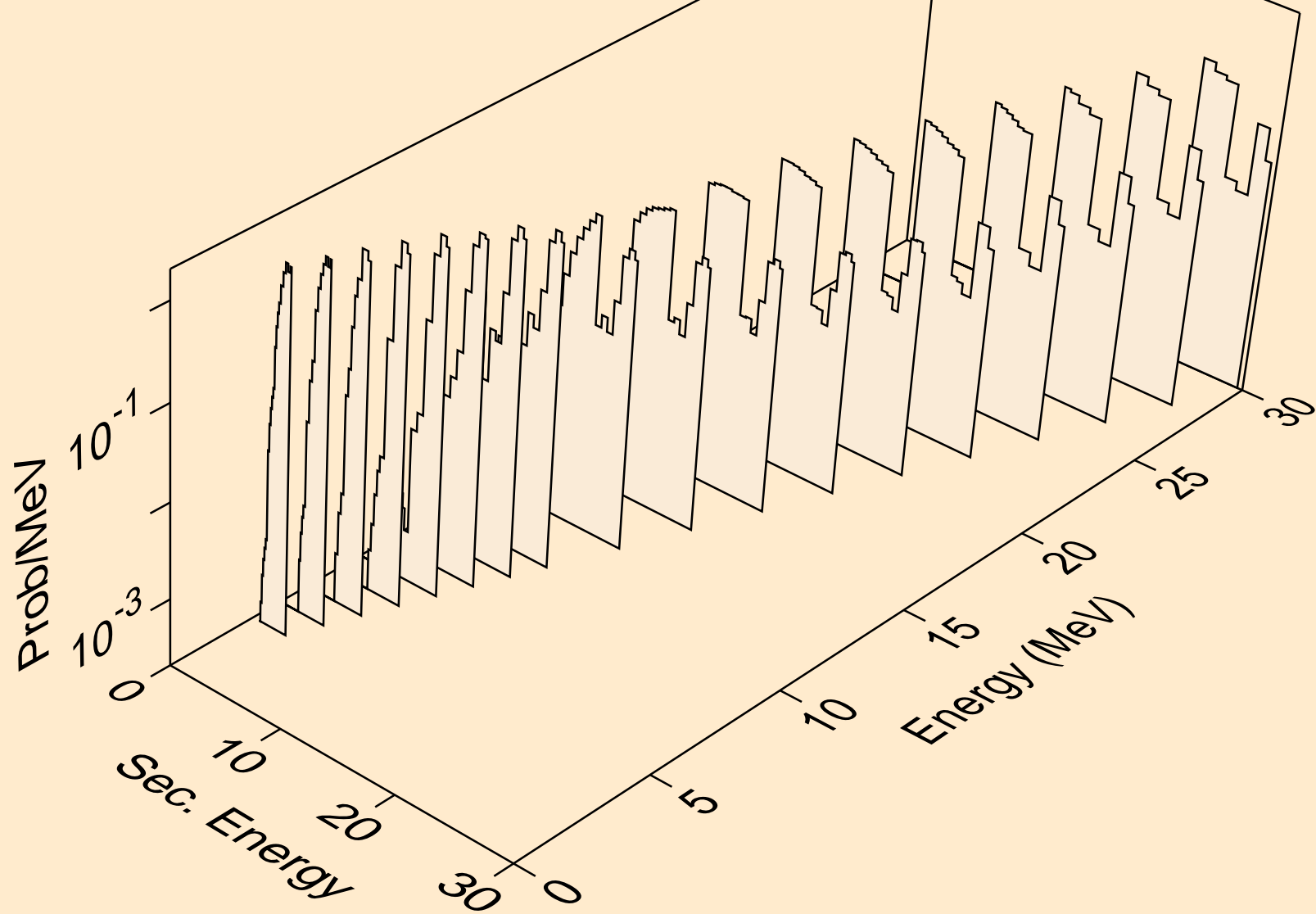
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Deuteron emission for (d,2nd)



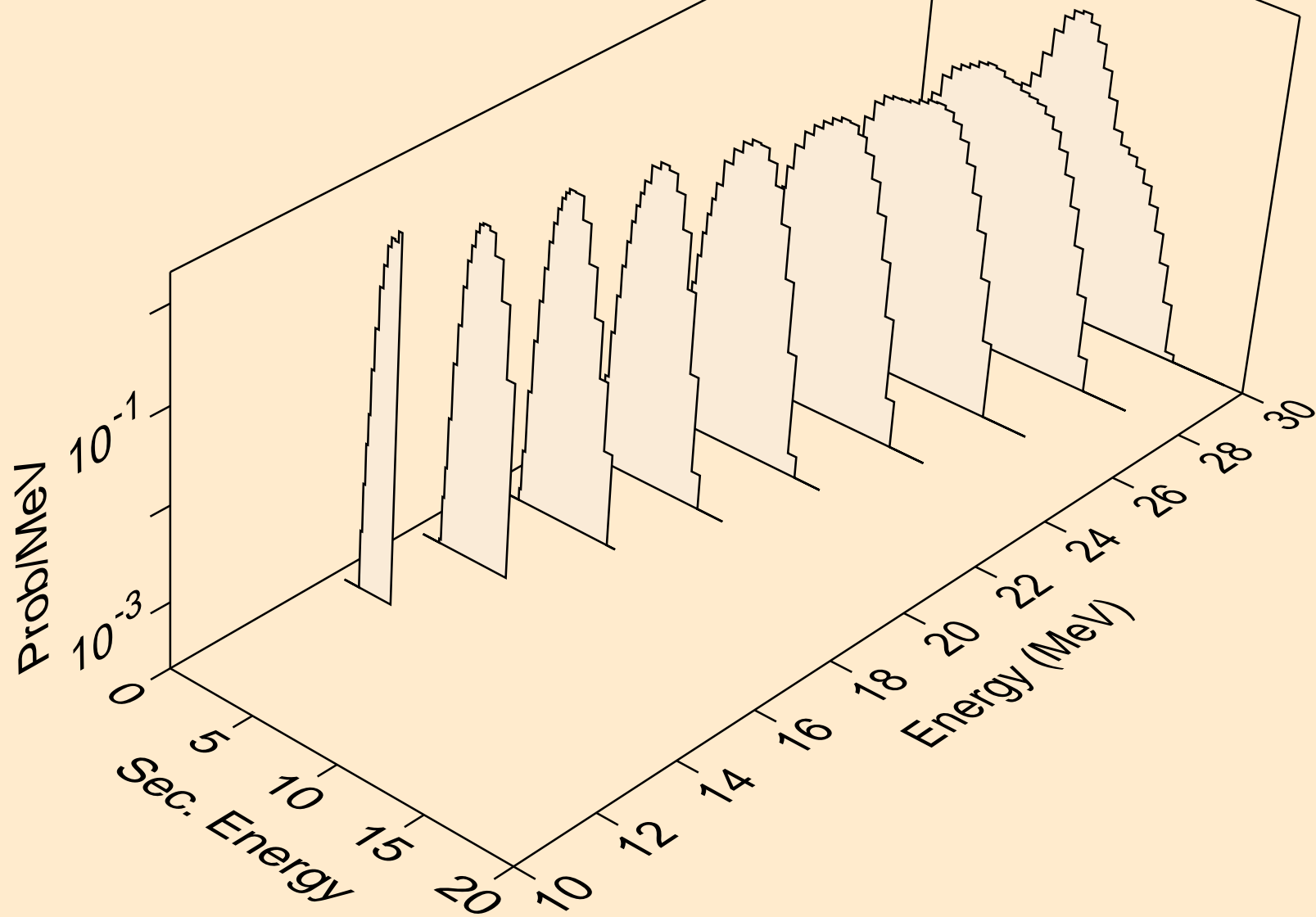
I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Deuteron emission for (d,n\*)d



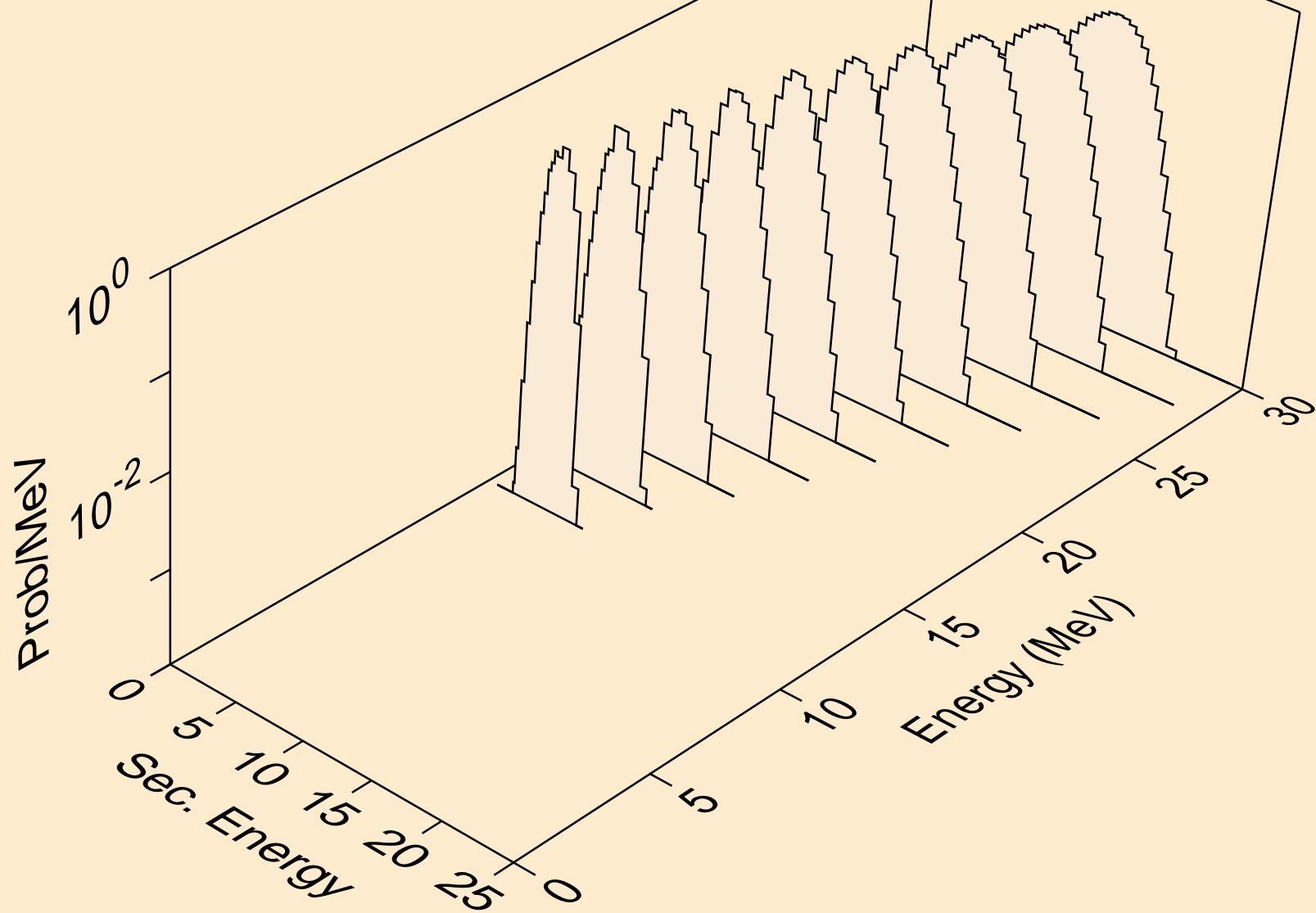
I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Deuteron emission for inelastic



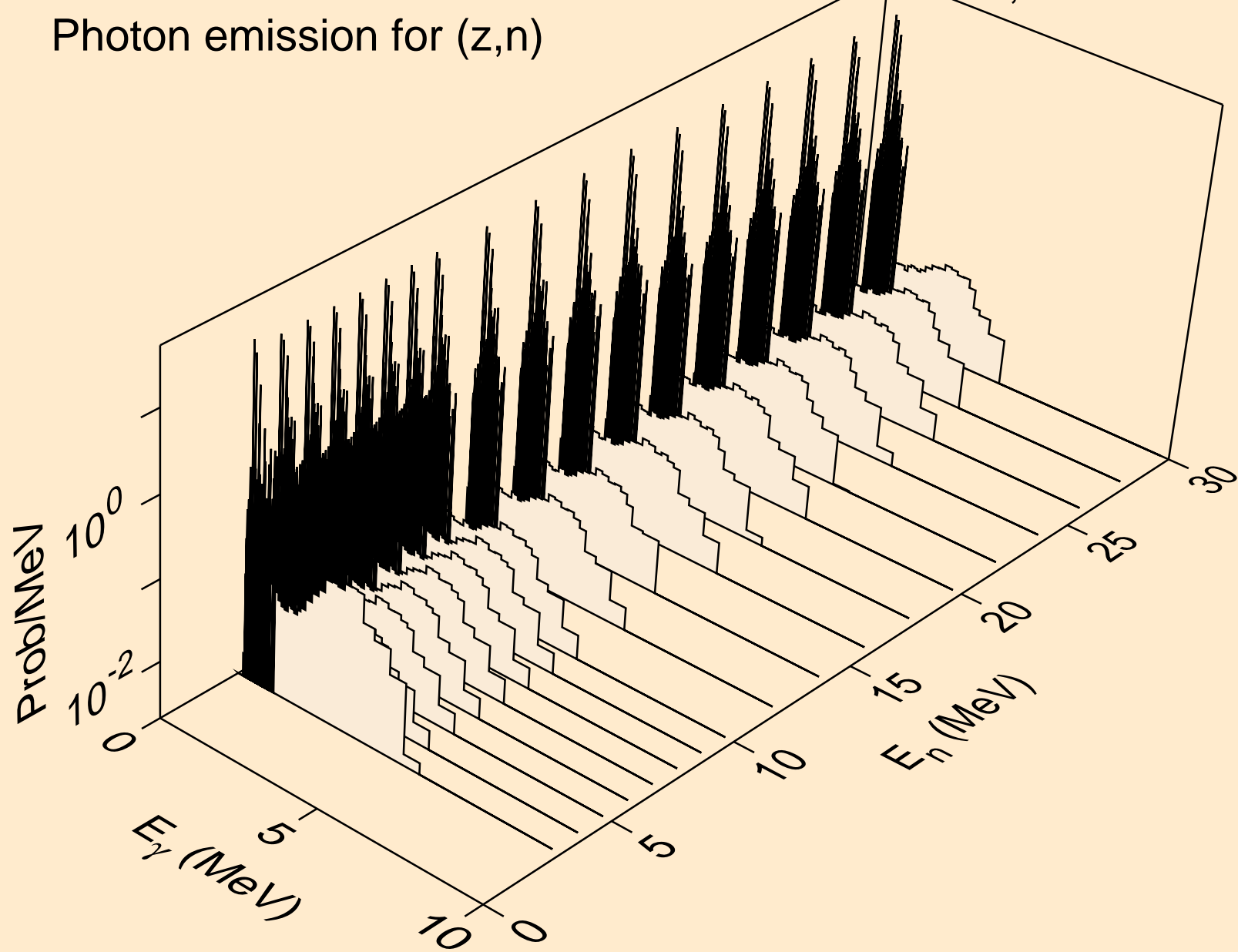
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Deuteron emission for (d,pd)



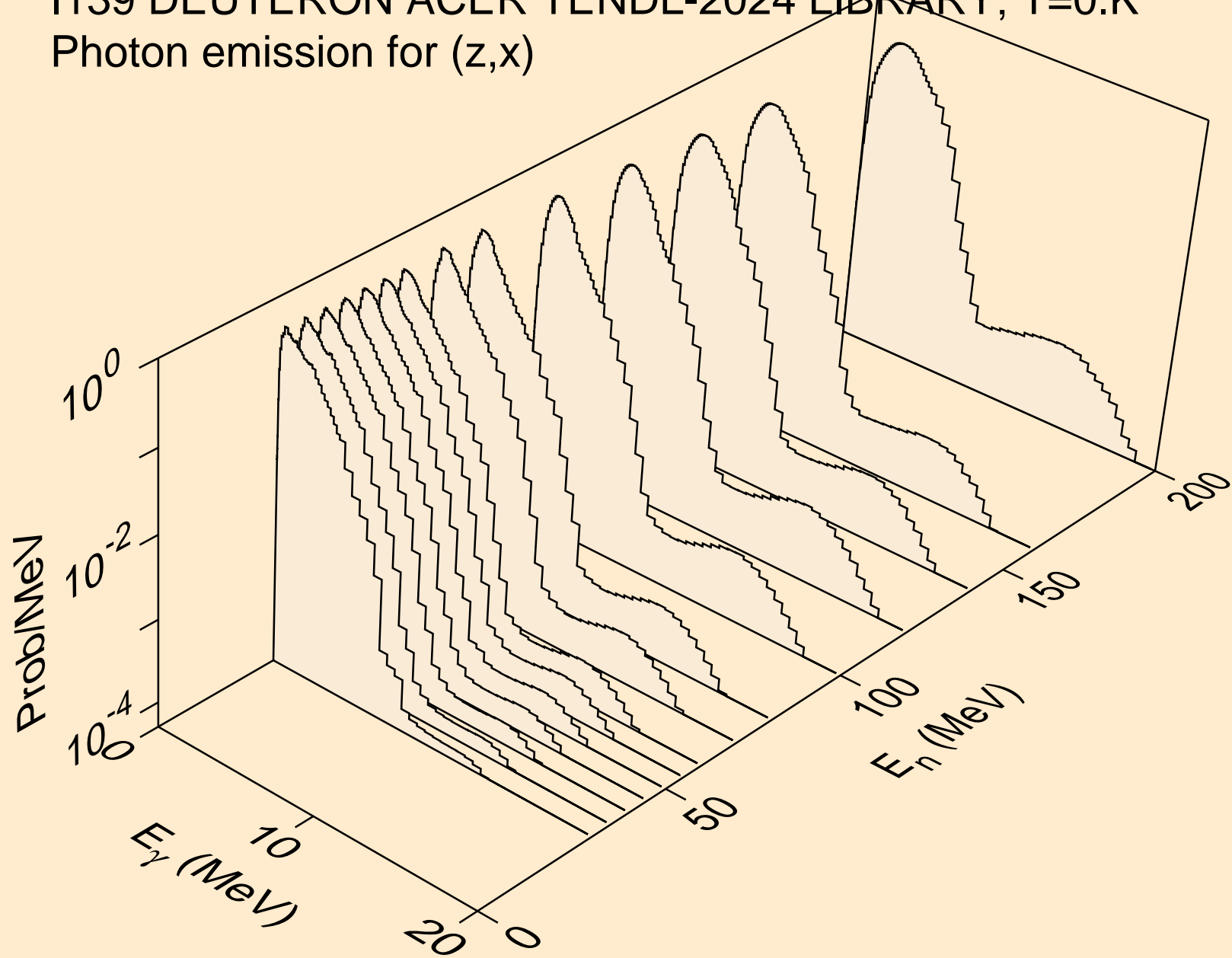
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Deuteron emission for (d,da)



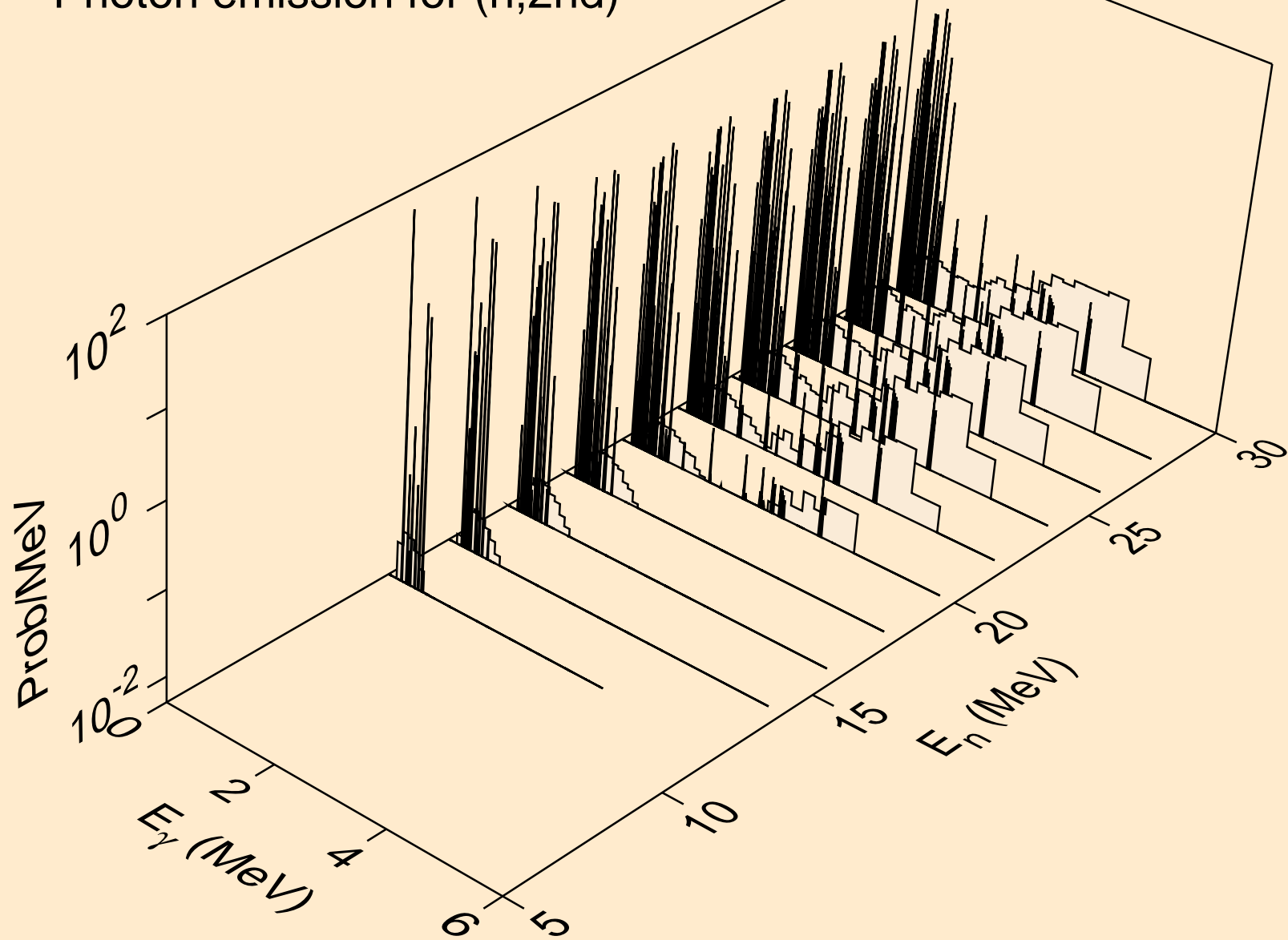
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Photon emission for (z,n)



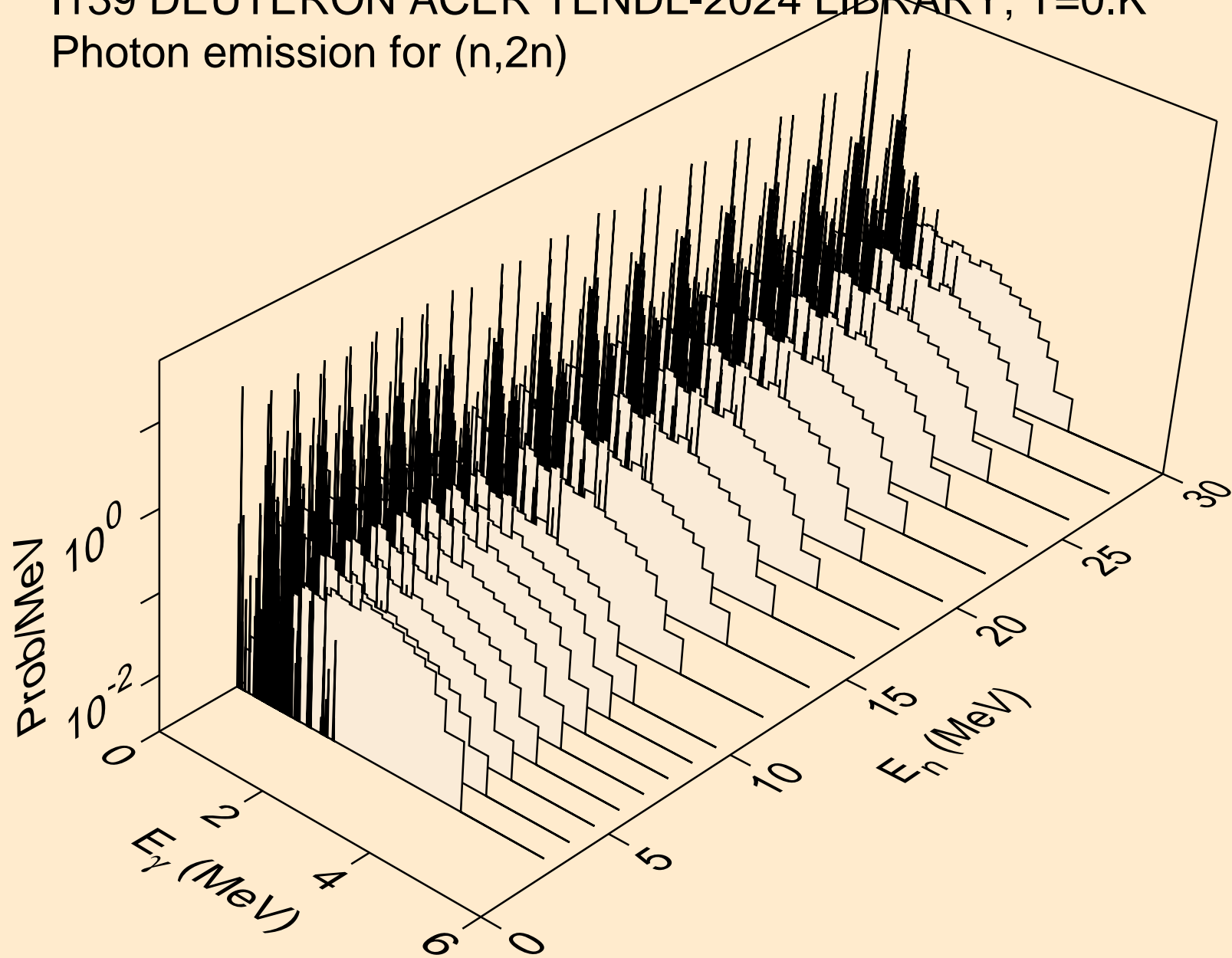
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Photon emission for (z,x)



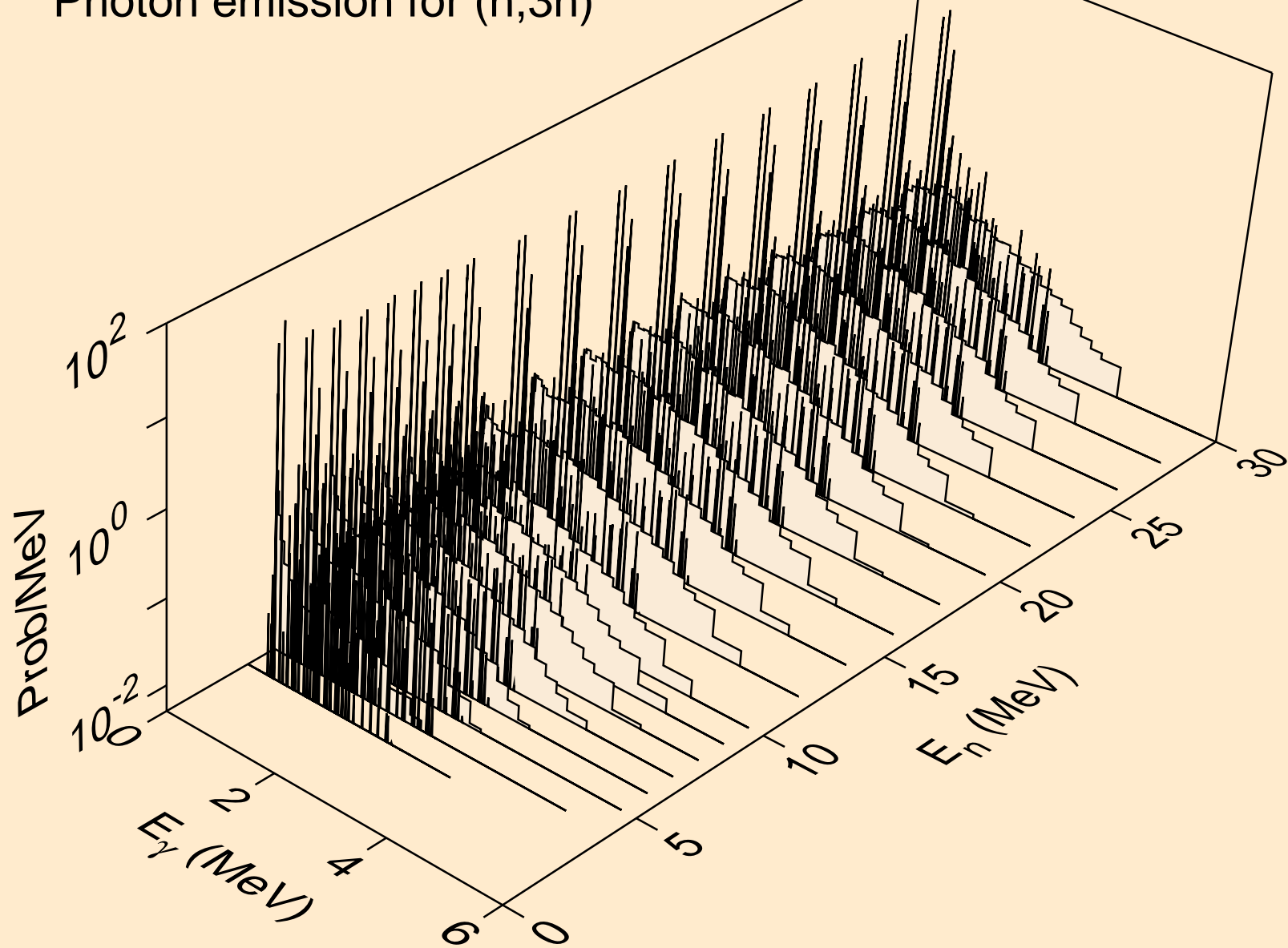
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Photon emission for (n,2nd)



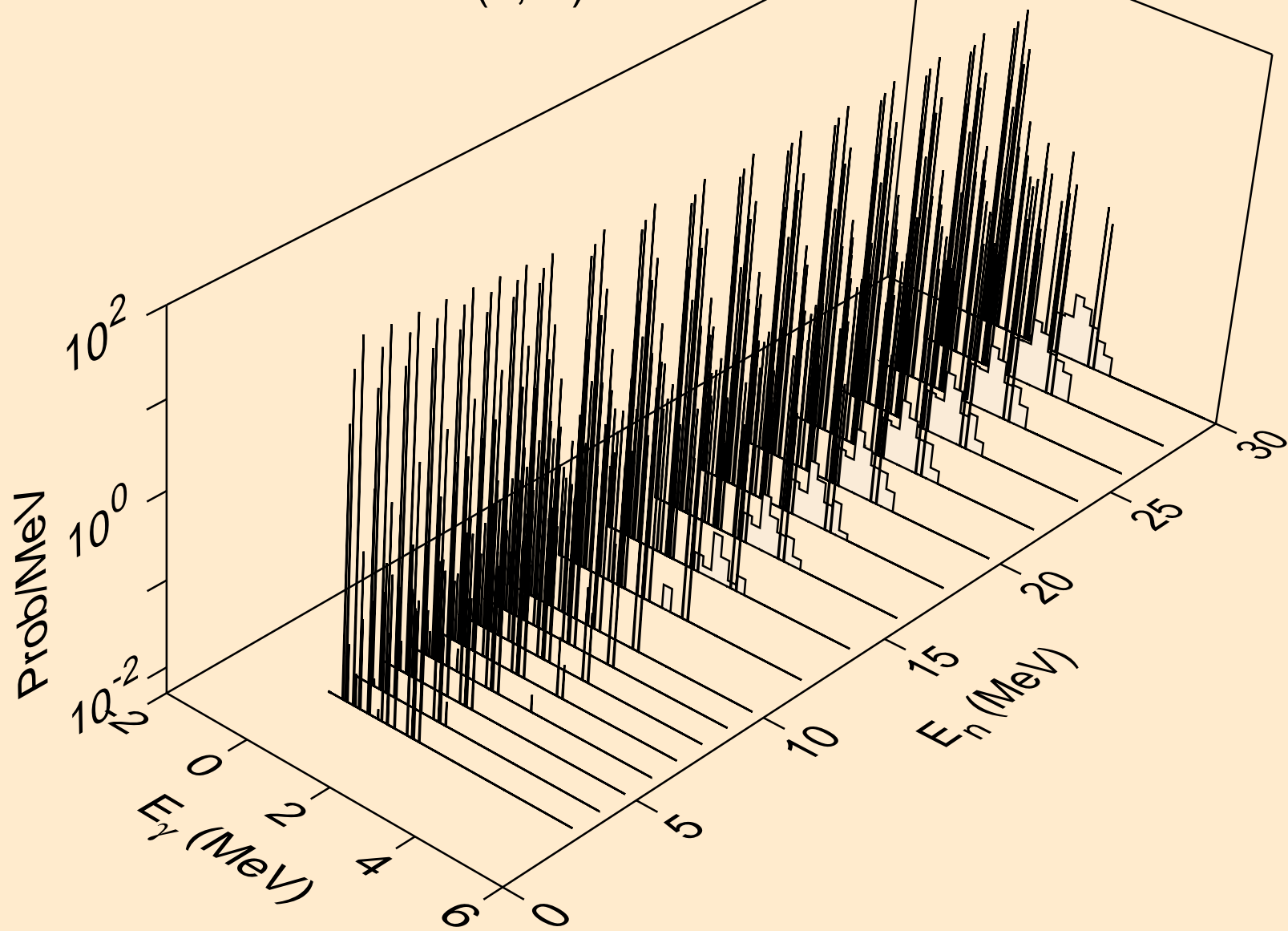
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Photon emission for (n,2n)



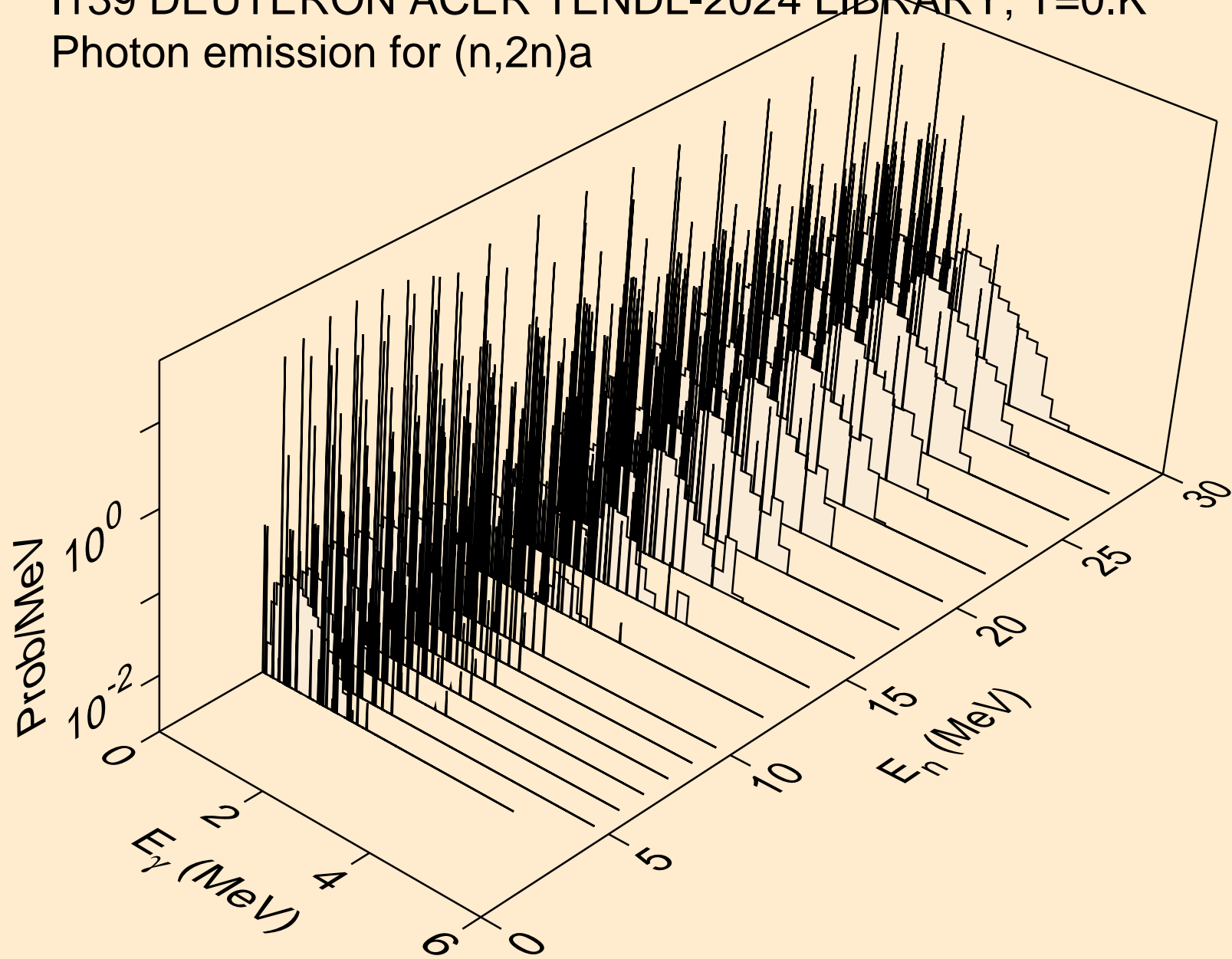
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Photon emission for (n,3n)



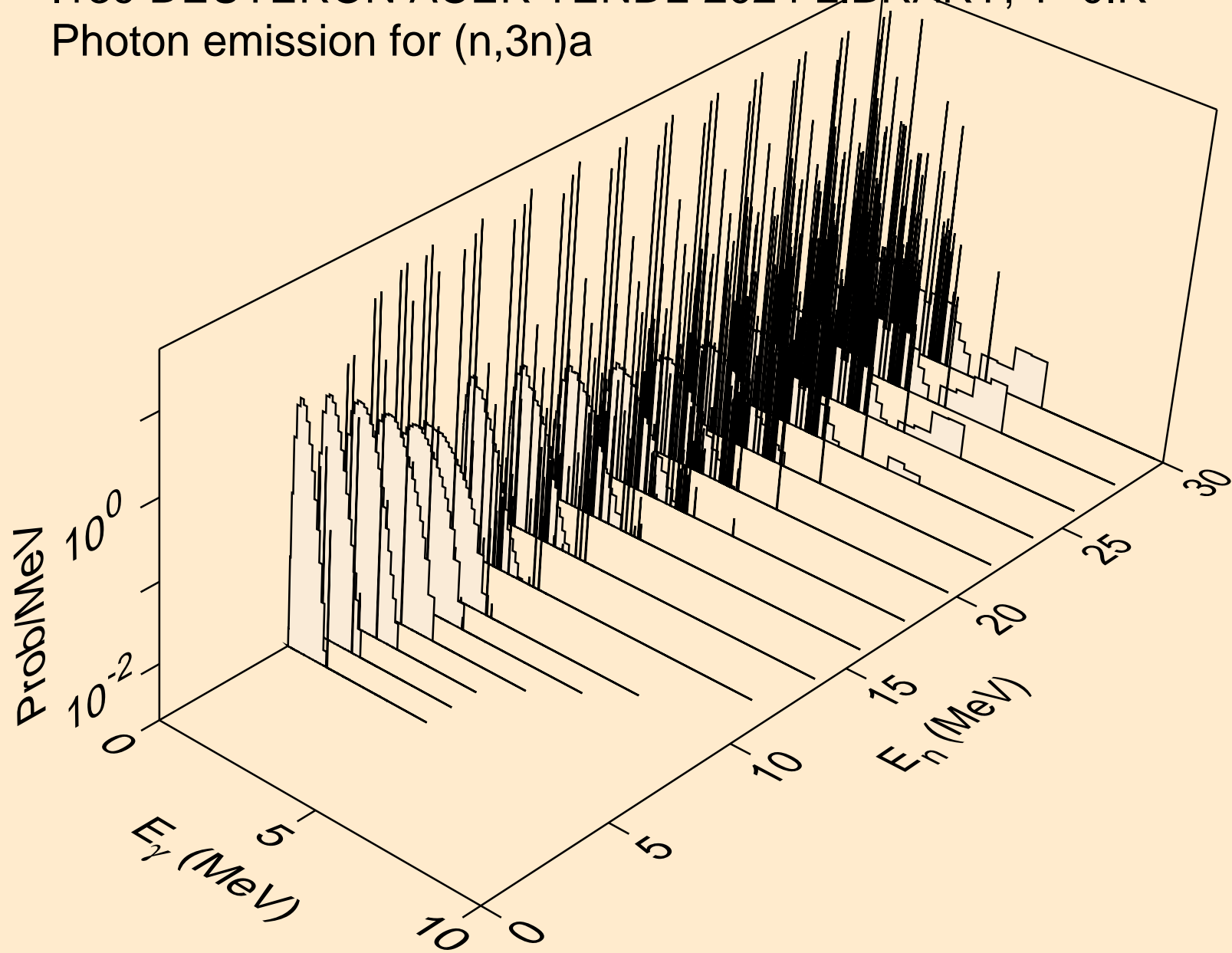
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Photon emission for (n,n\*)a



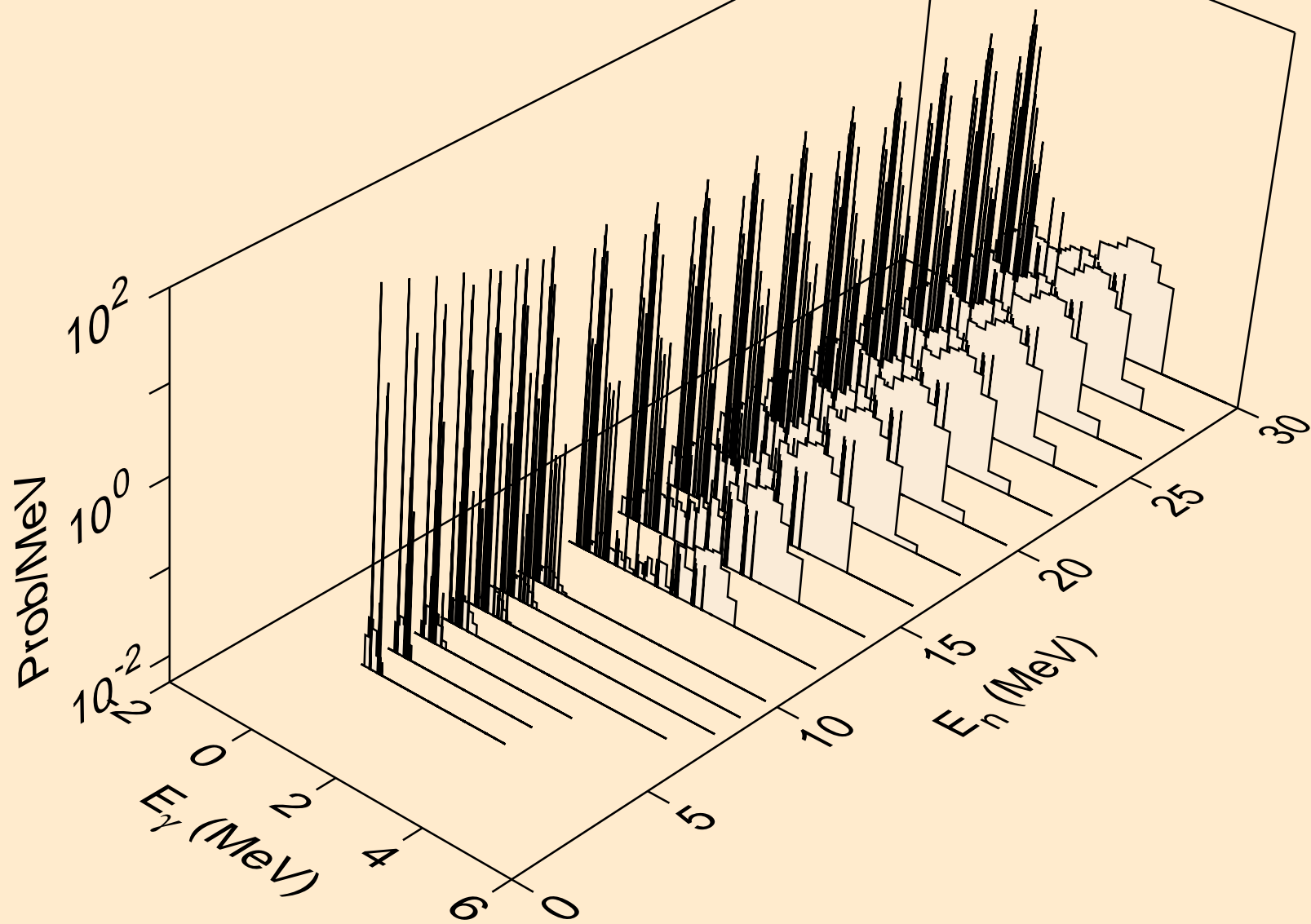
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Photon emission for (n,2n)a



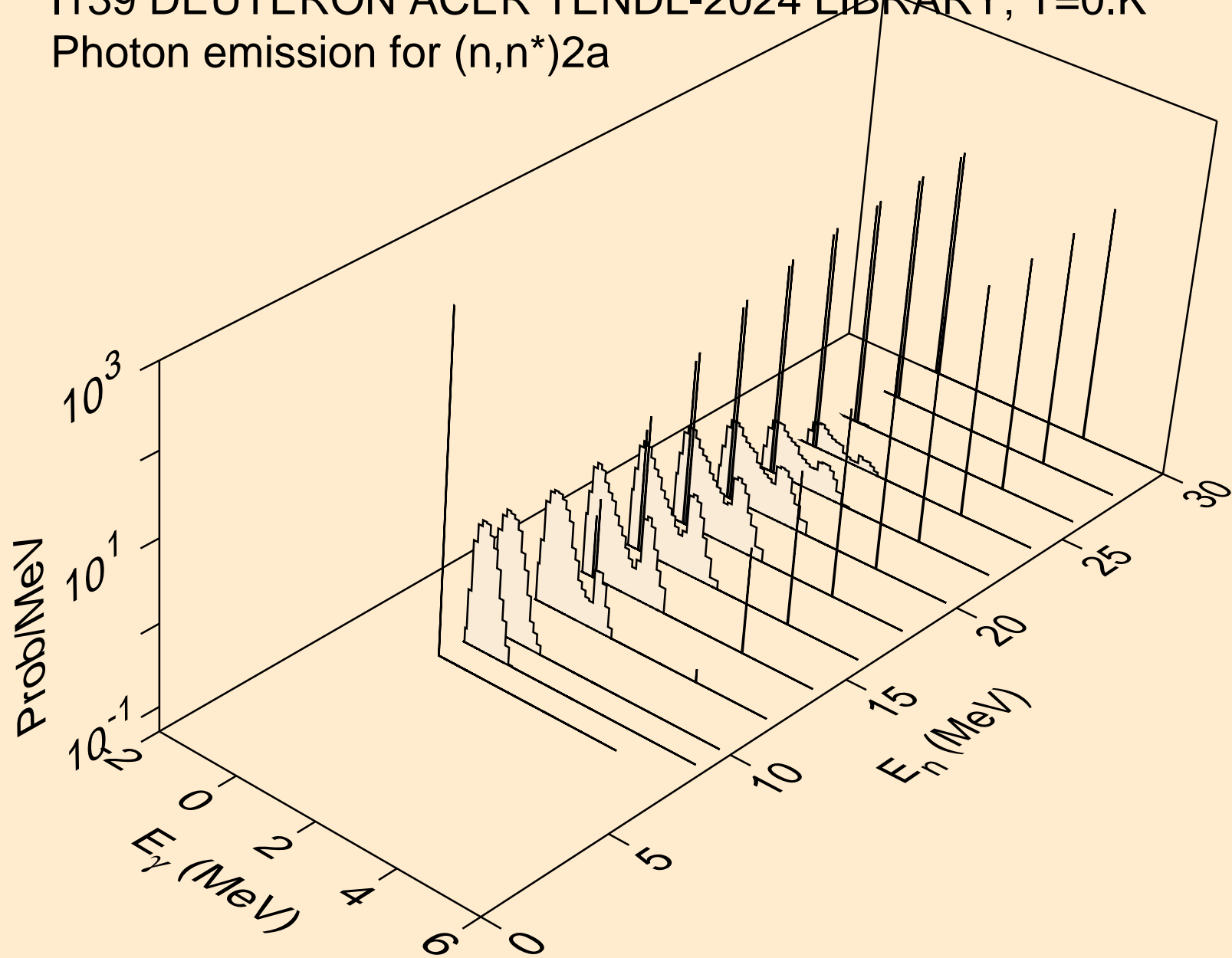
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Photon emission for (n,3n)a



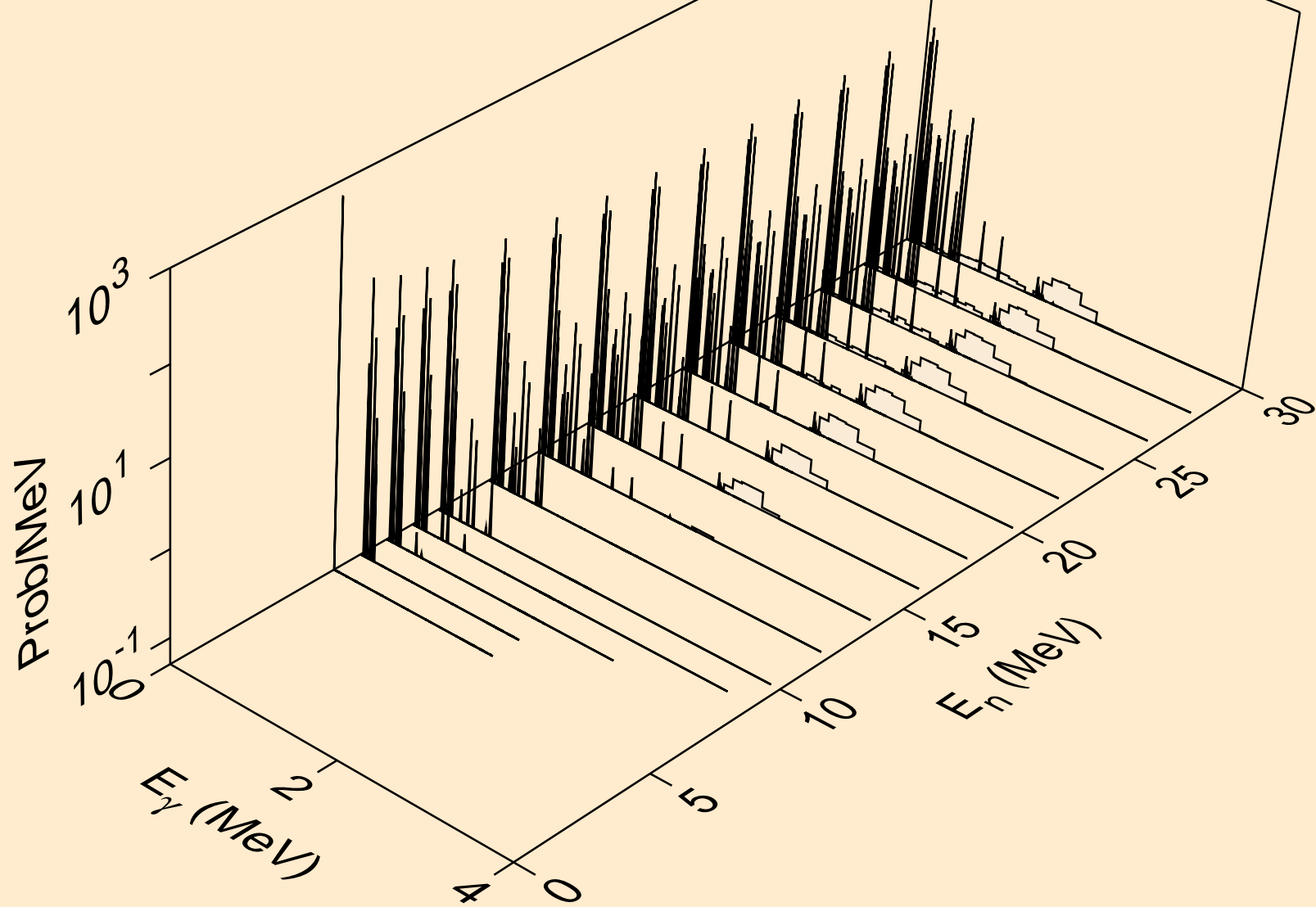
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Photon emission for (n,n\*)p



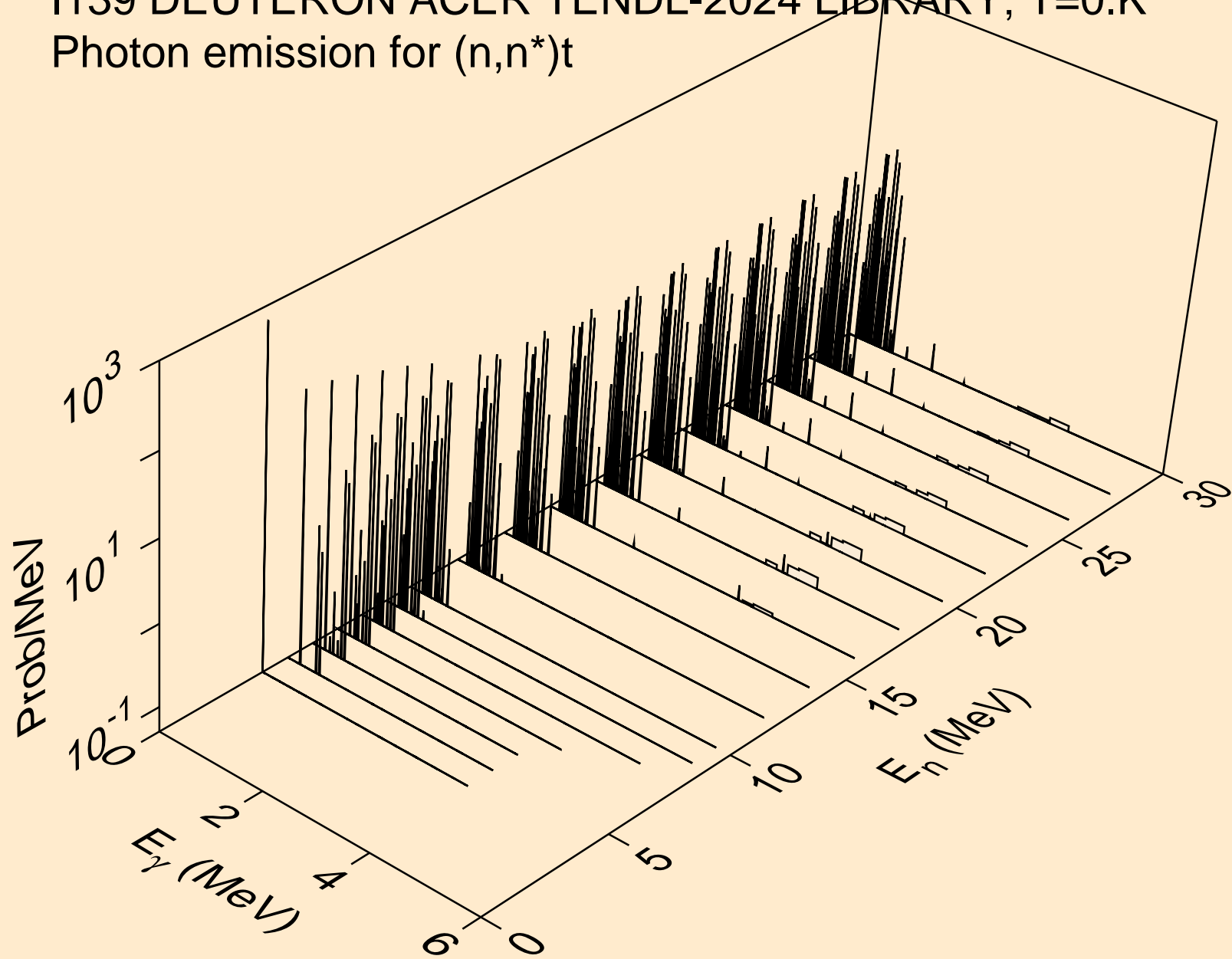
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Photon emission for (n,n\*)2a



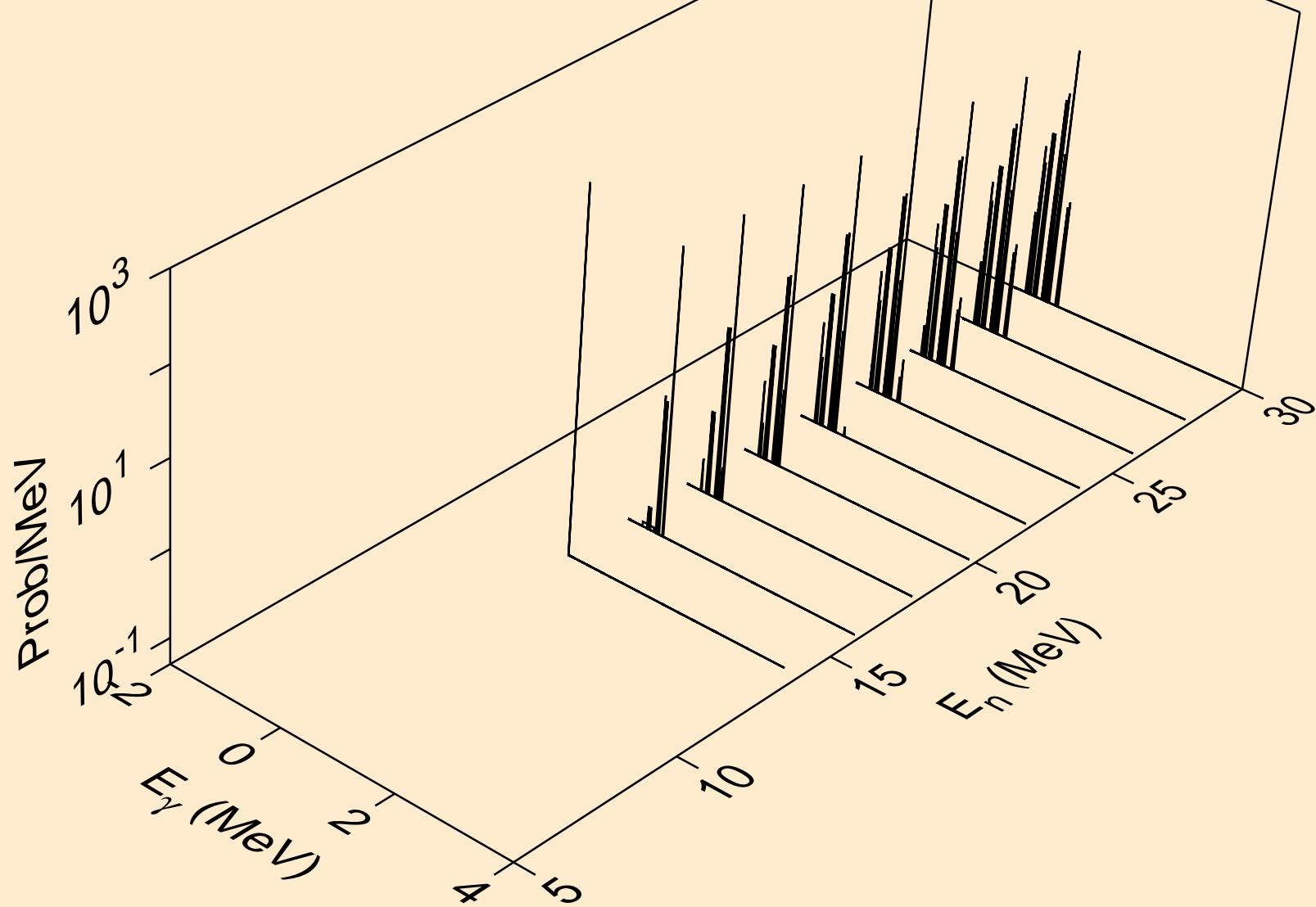
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Photon emission for (n,n\*)d



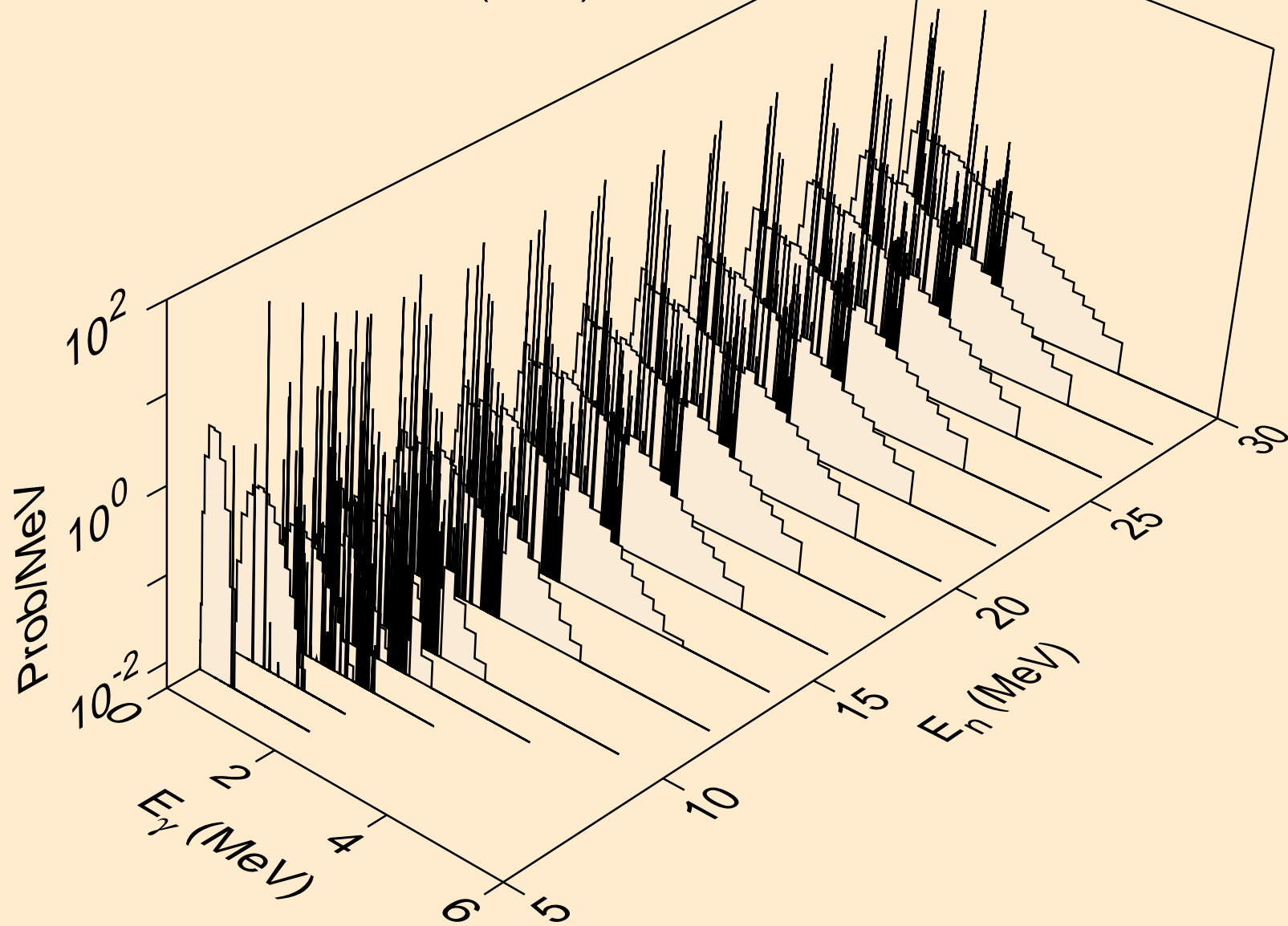
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Photon emission for (n,n\*)t



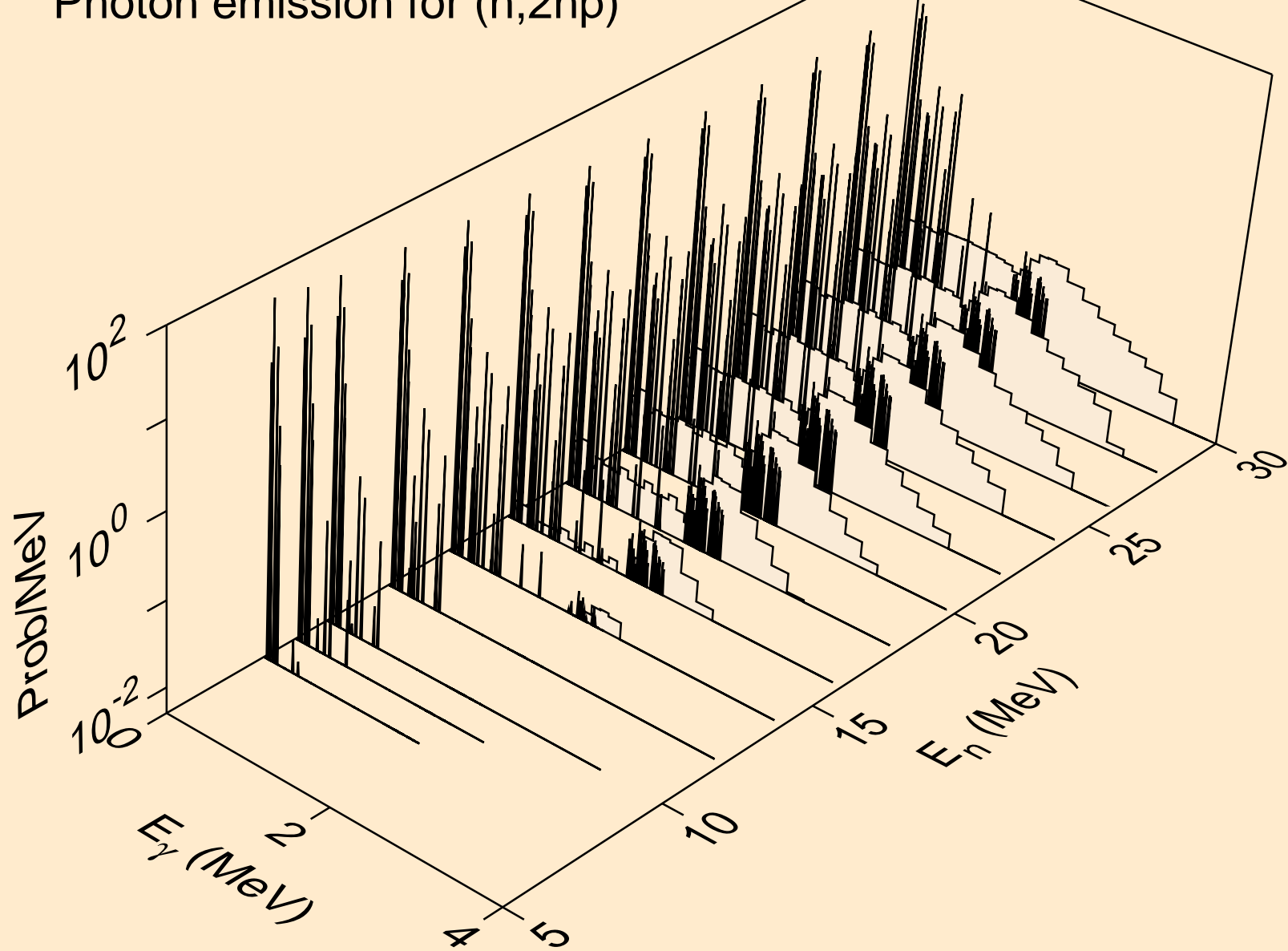
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Photon emission for (n,n\*)he3



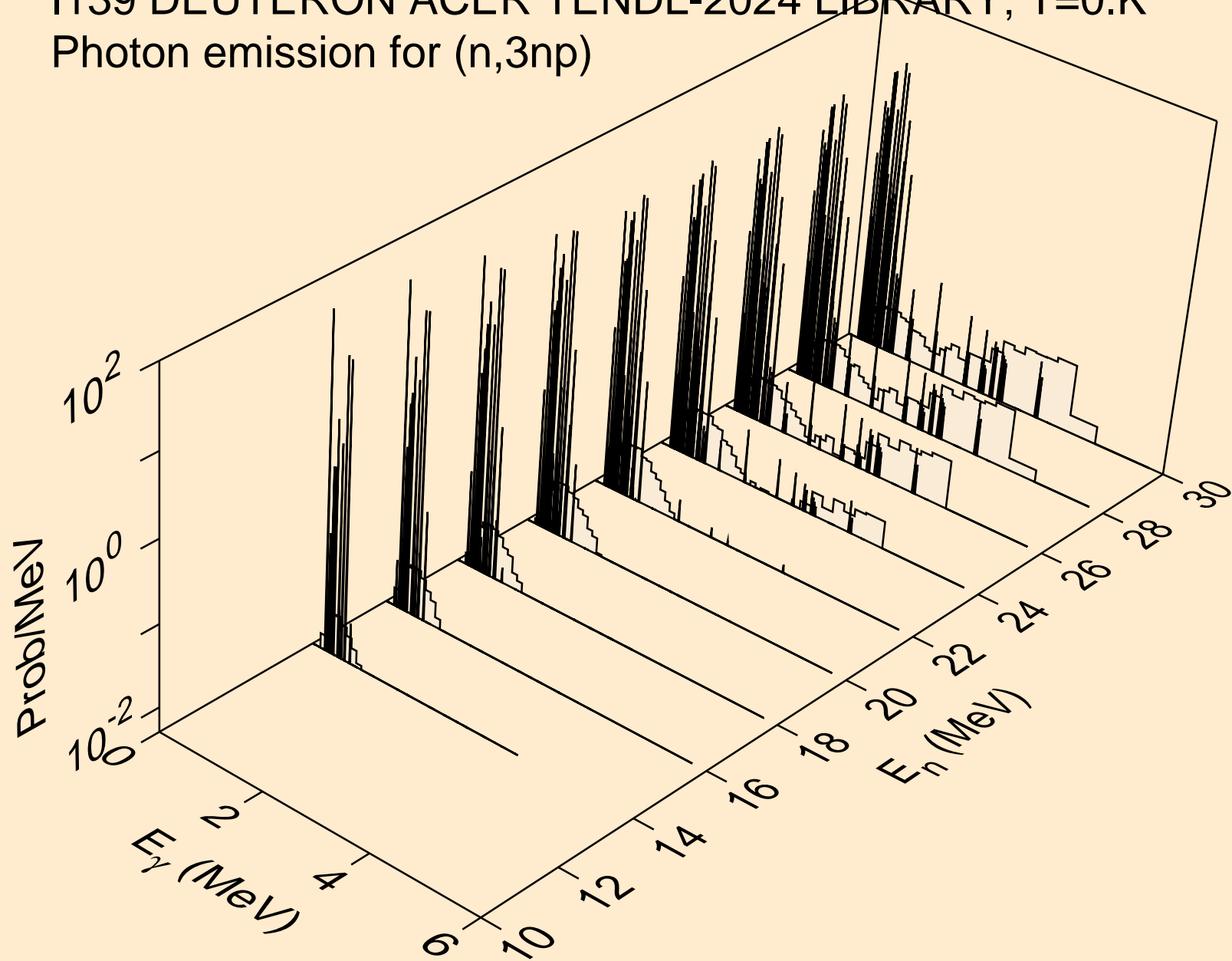
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Photon emission for (n,4n)



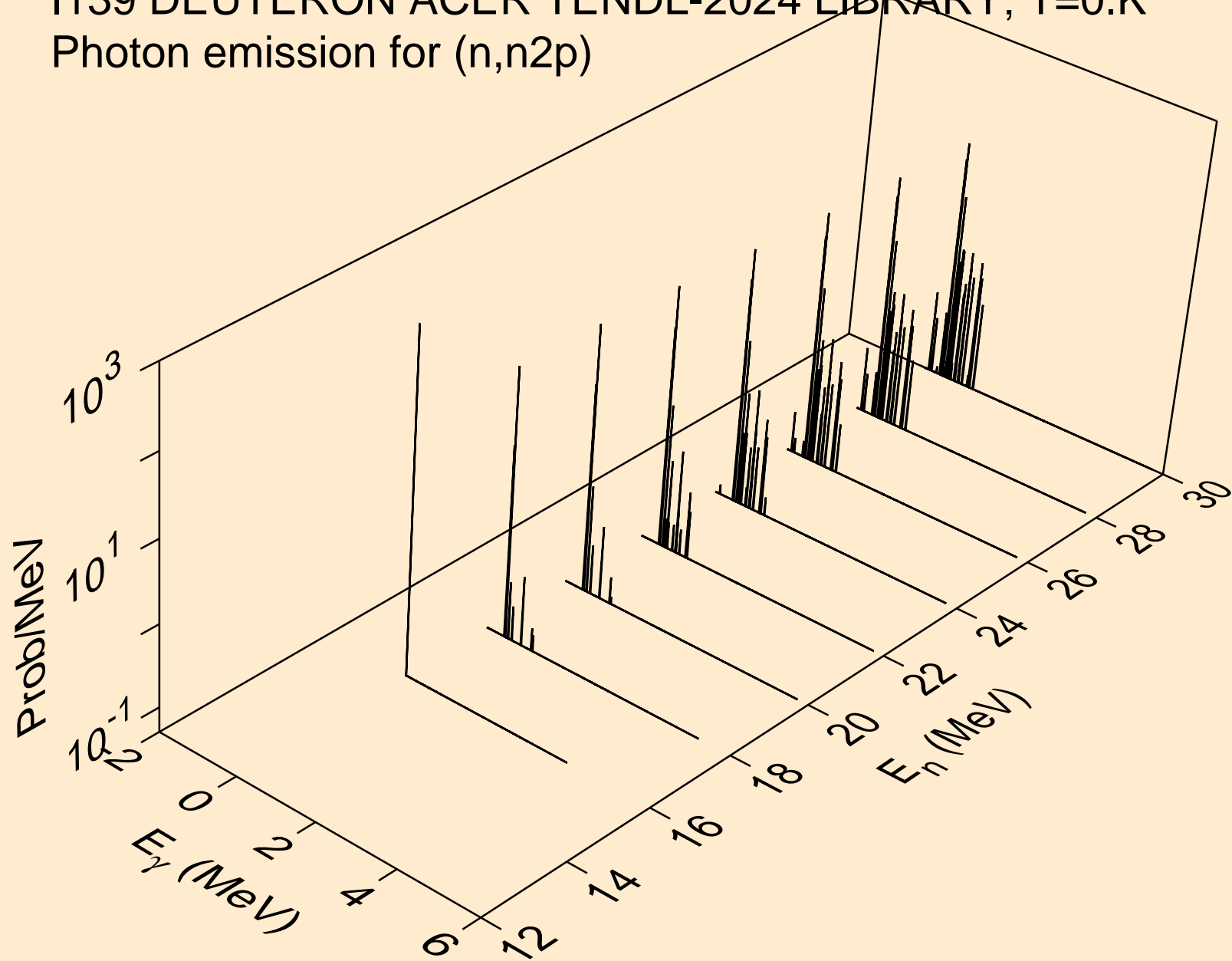
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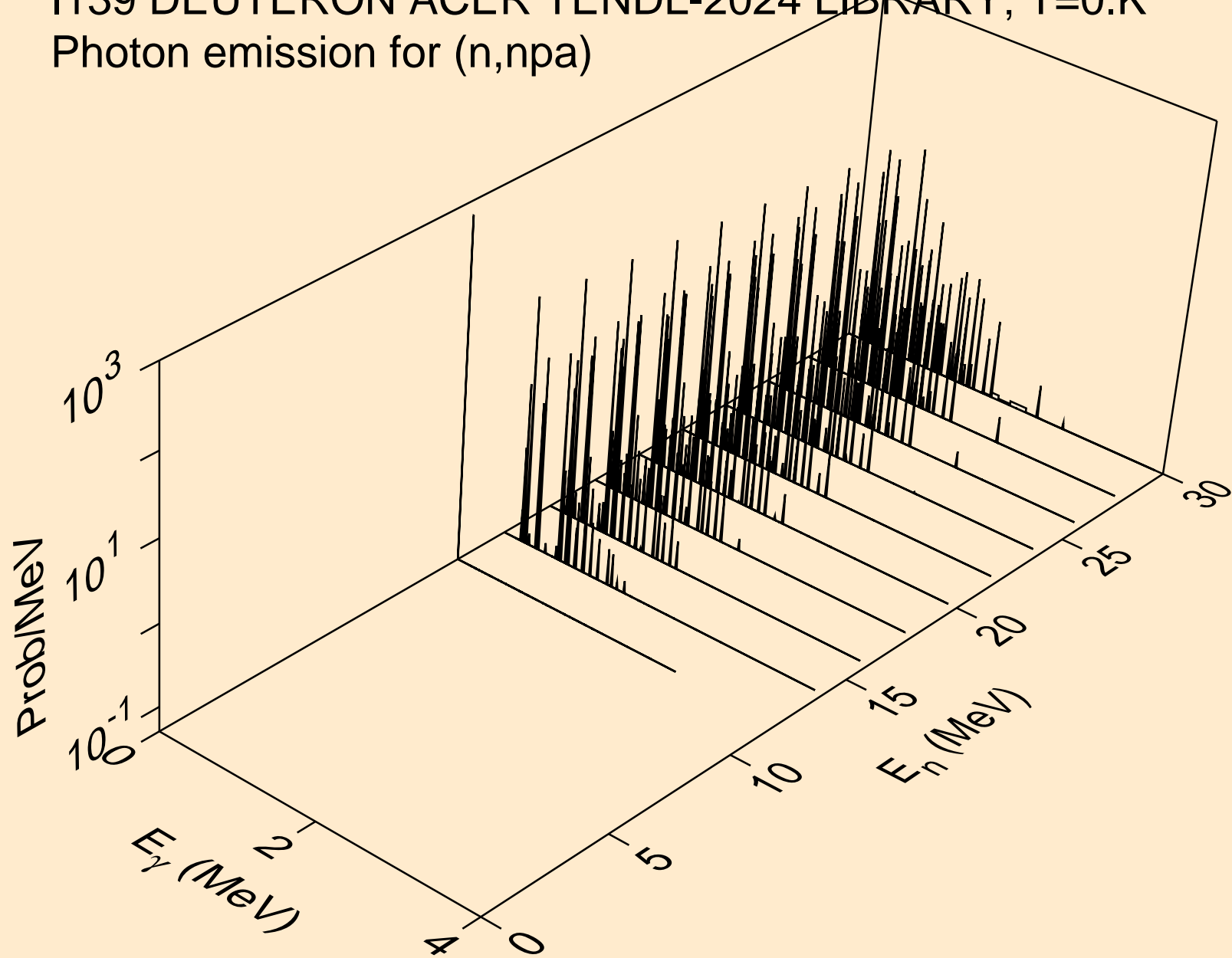
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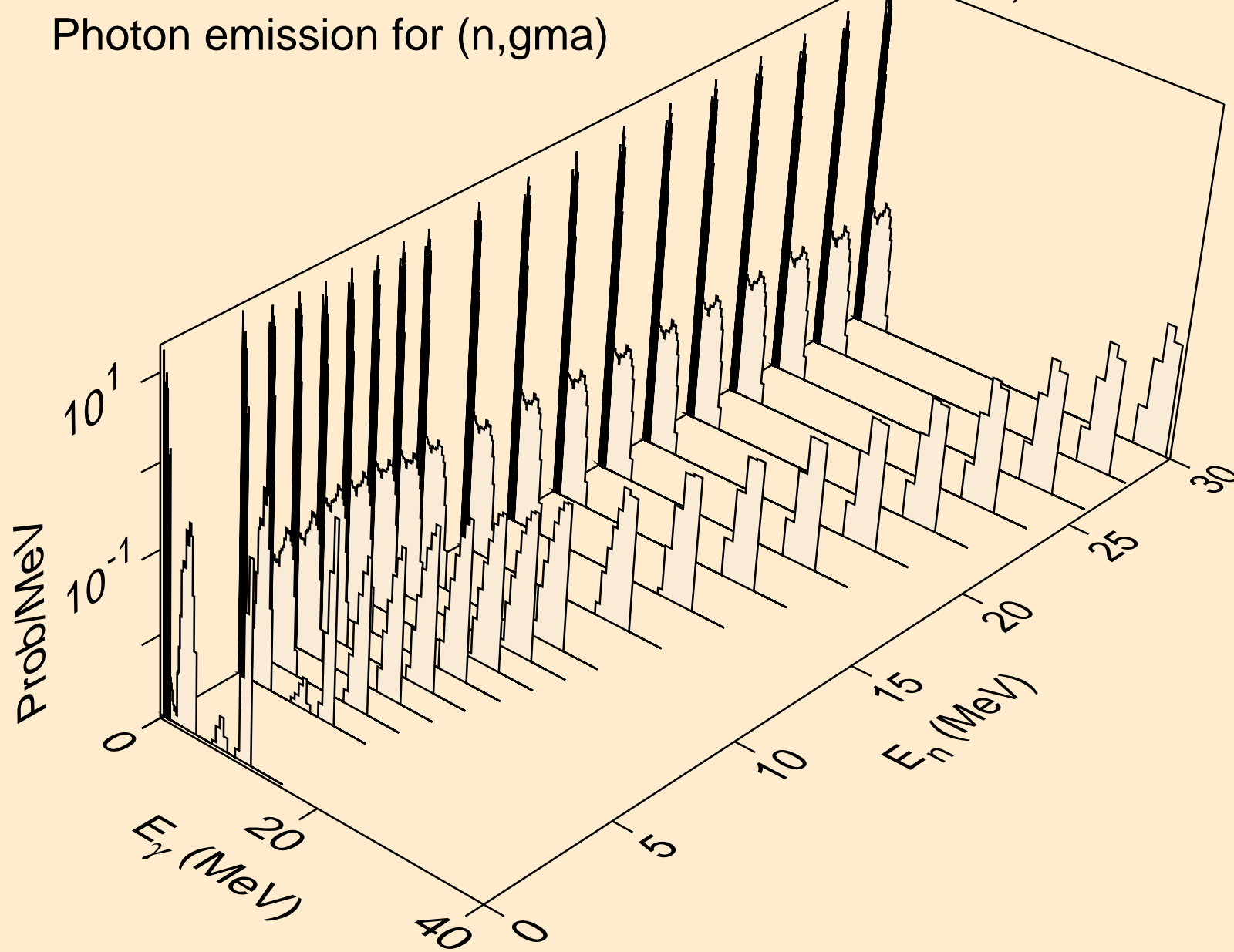
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Photon emission for (n,n2p)



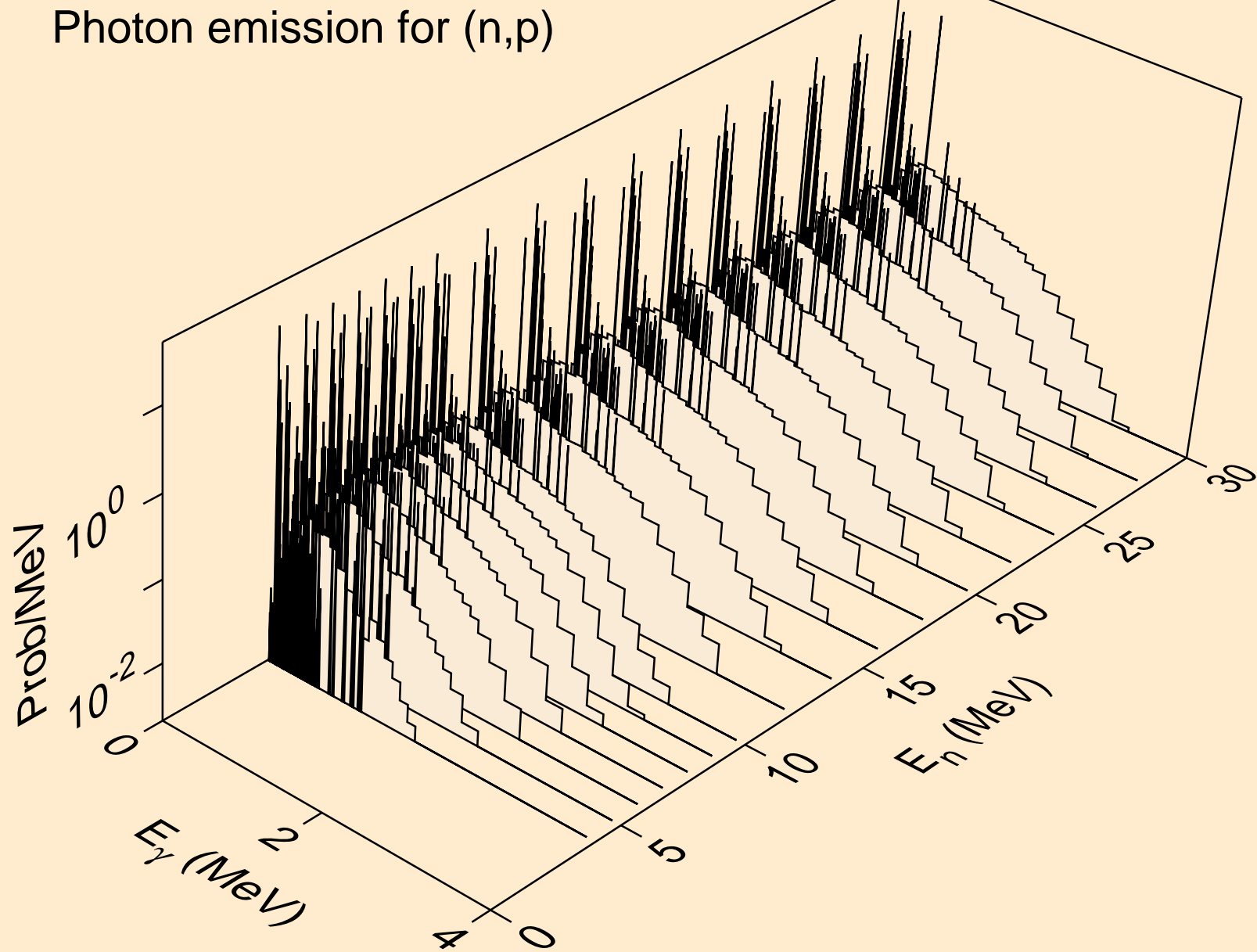
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Photon emission for (n,npa)



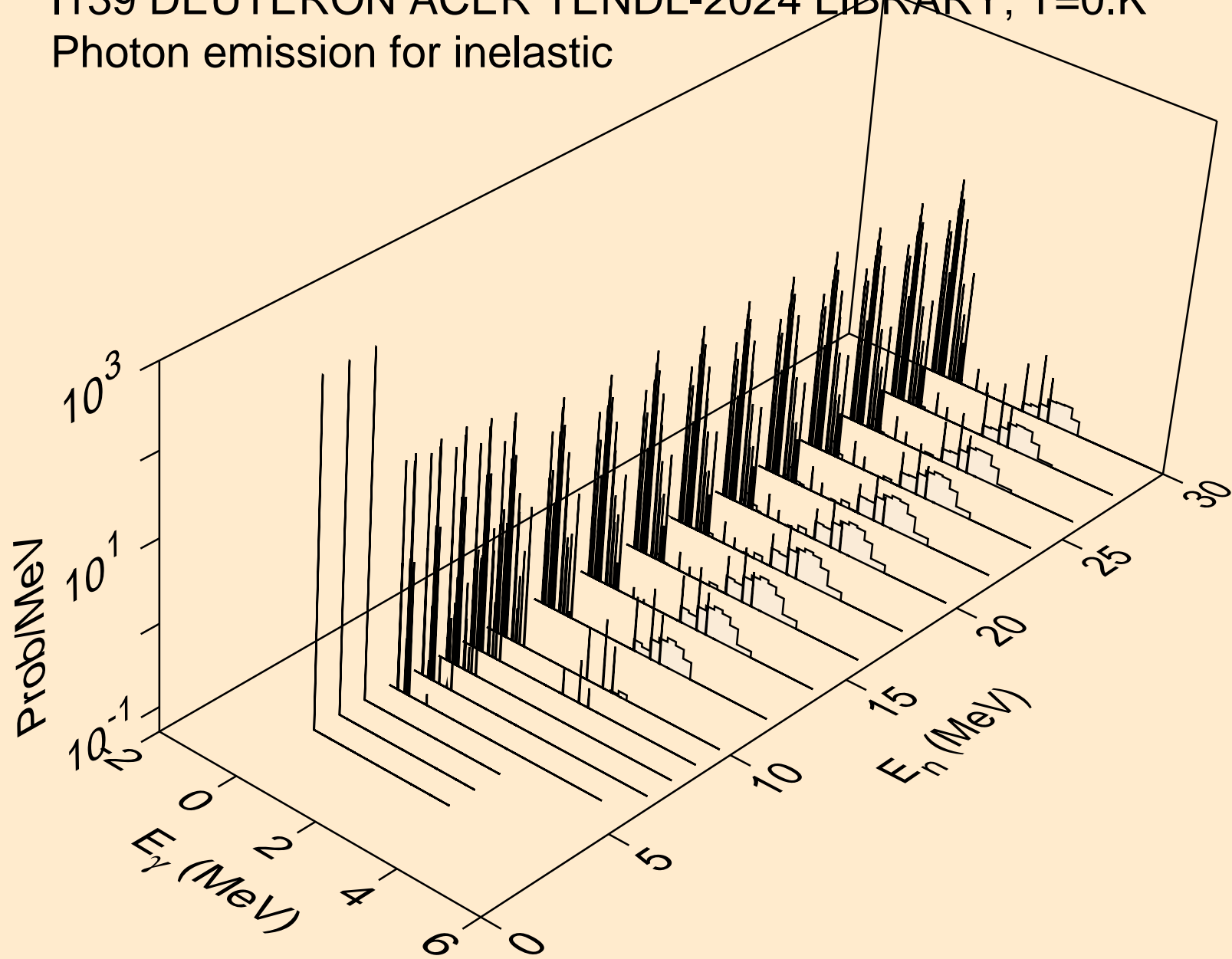
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Photon emission for (n,gma)



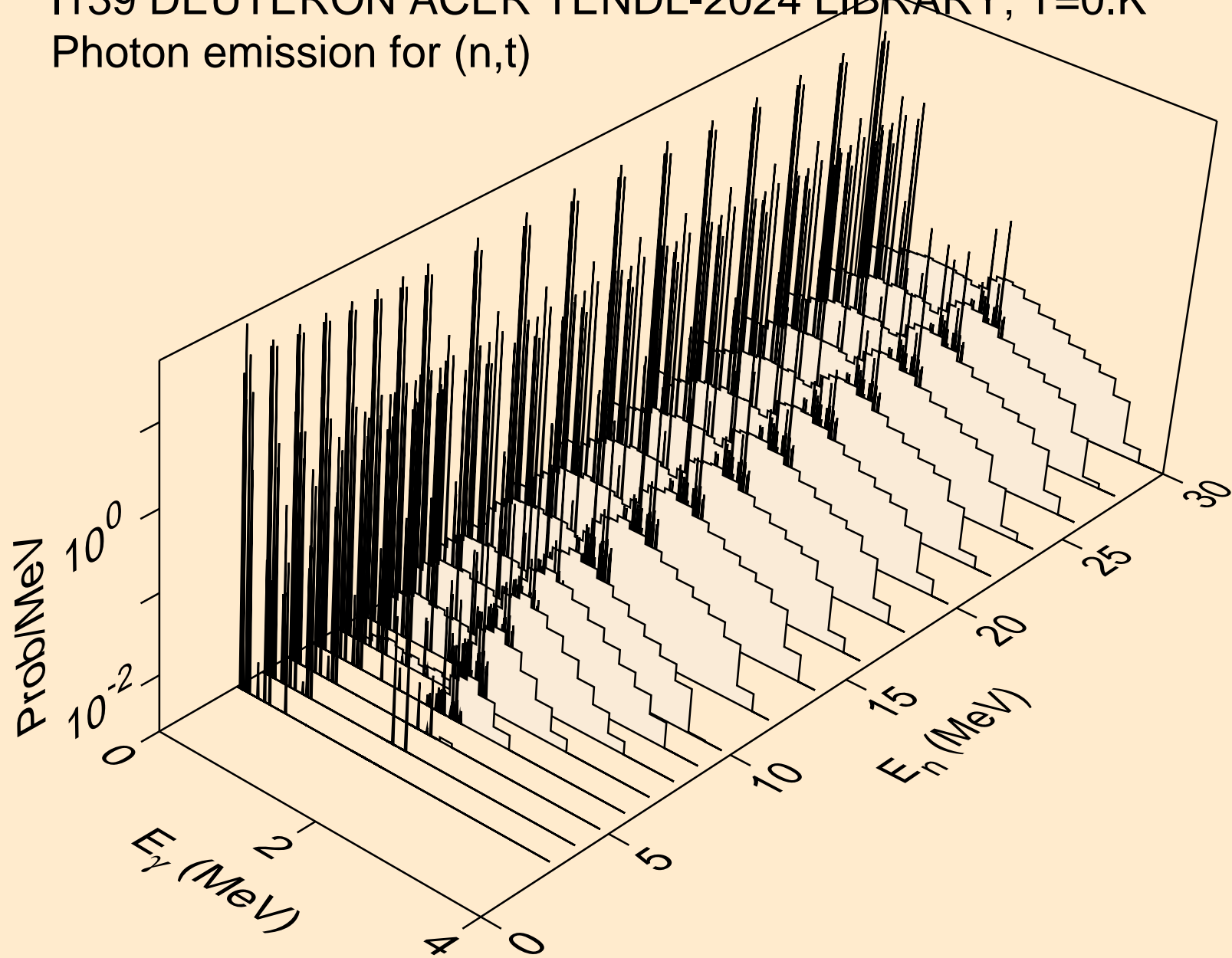
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Photon emission for (n,p)



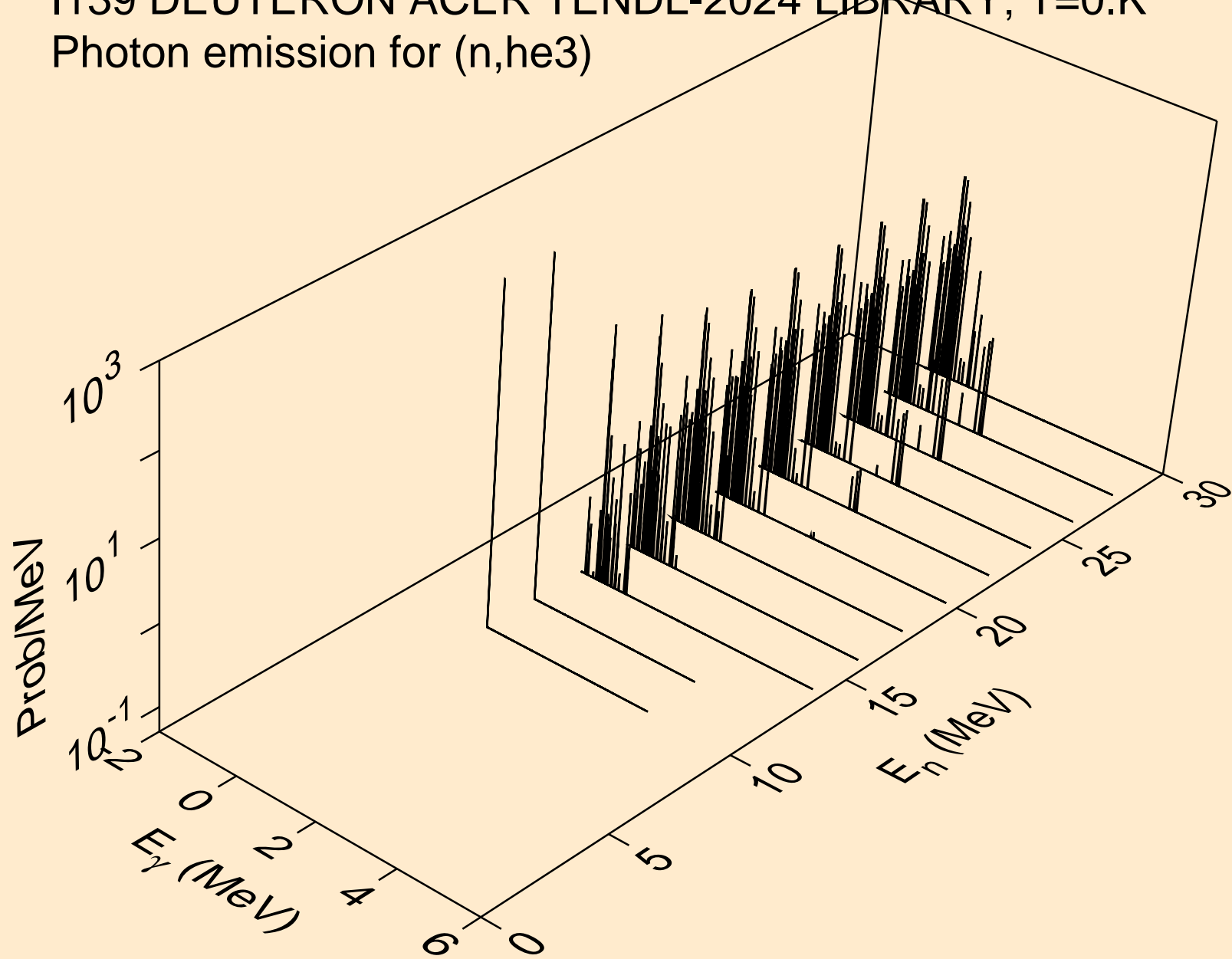
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Photon emission for inelastic



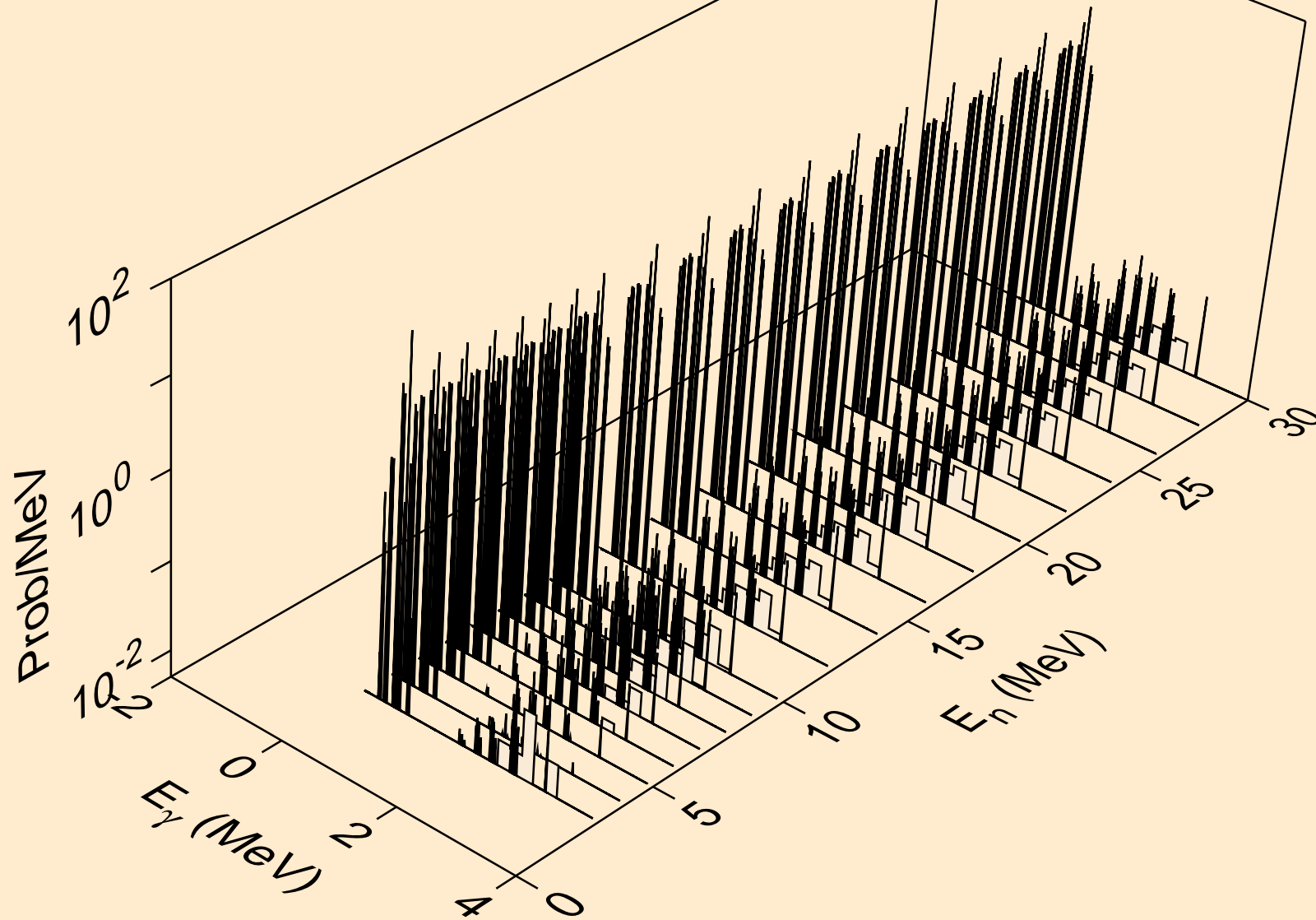
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Photon emission for (n,t)



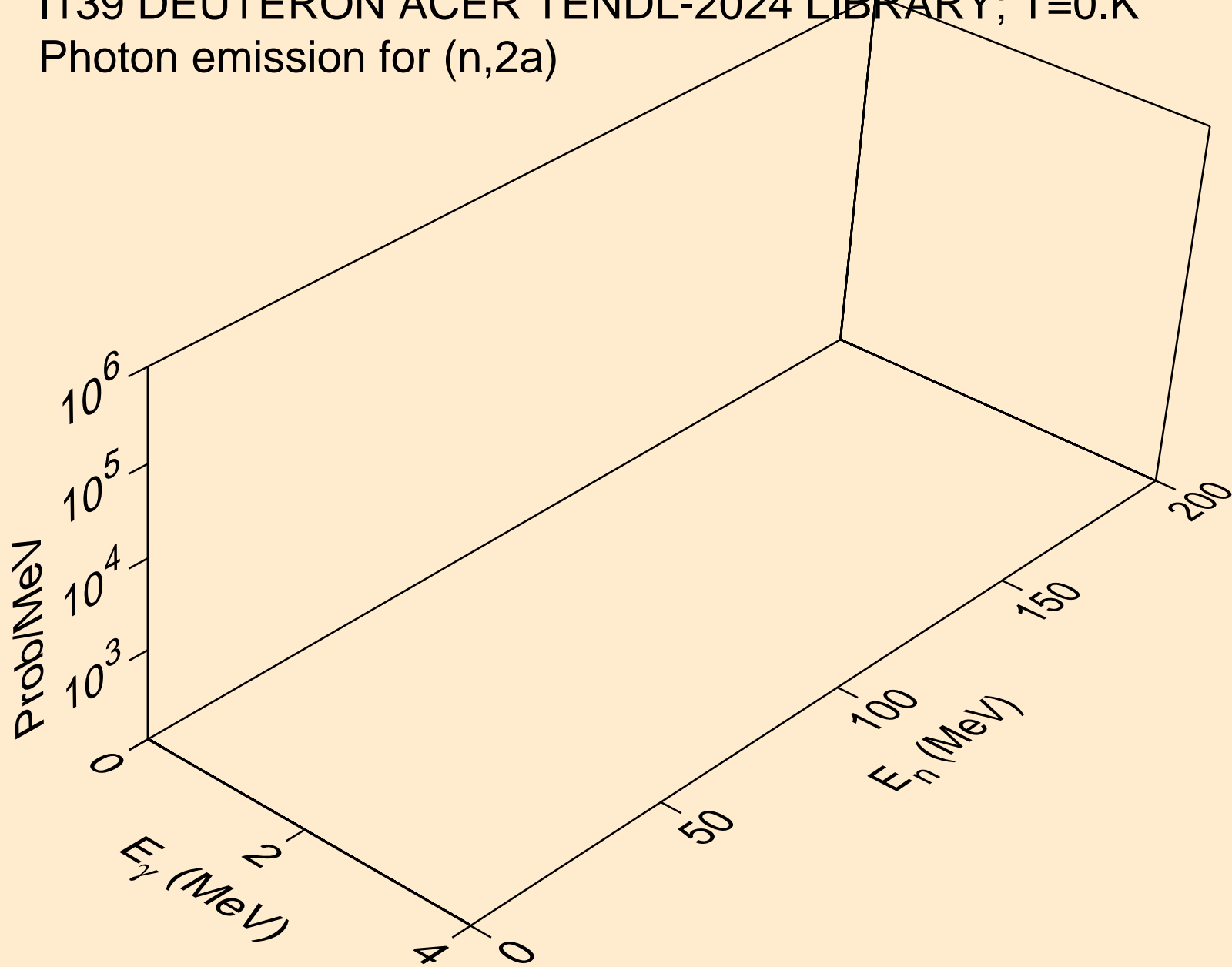
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Photon emission for (n,he3)



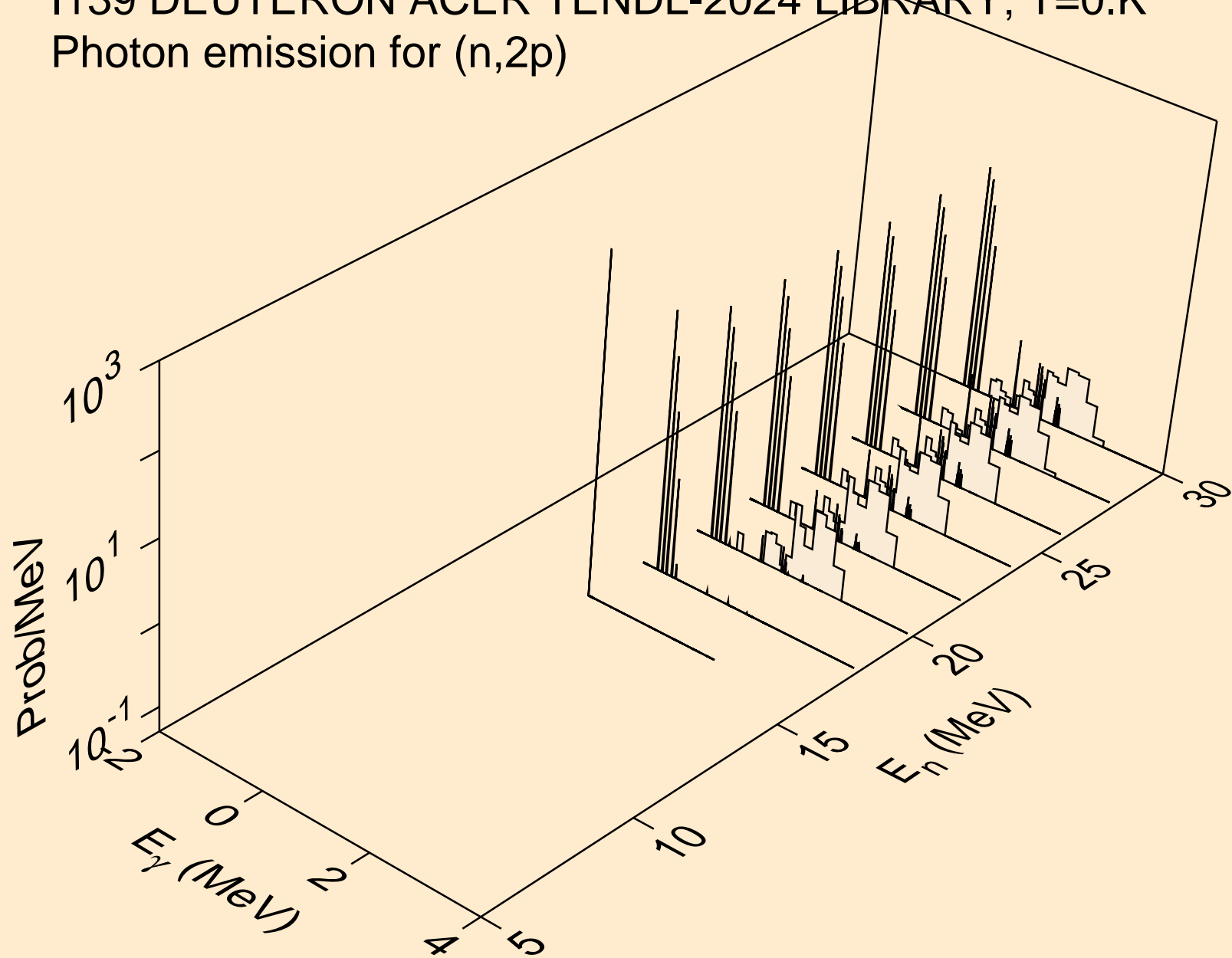
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Photon emission for (n,a)



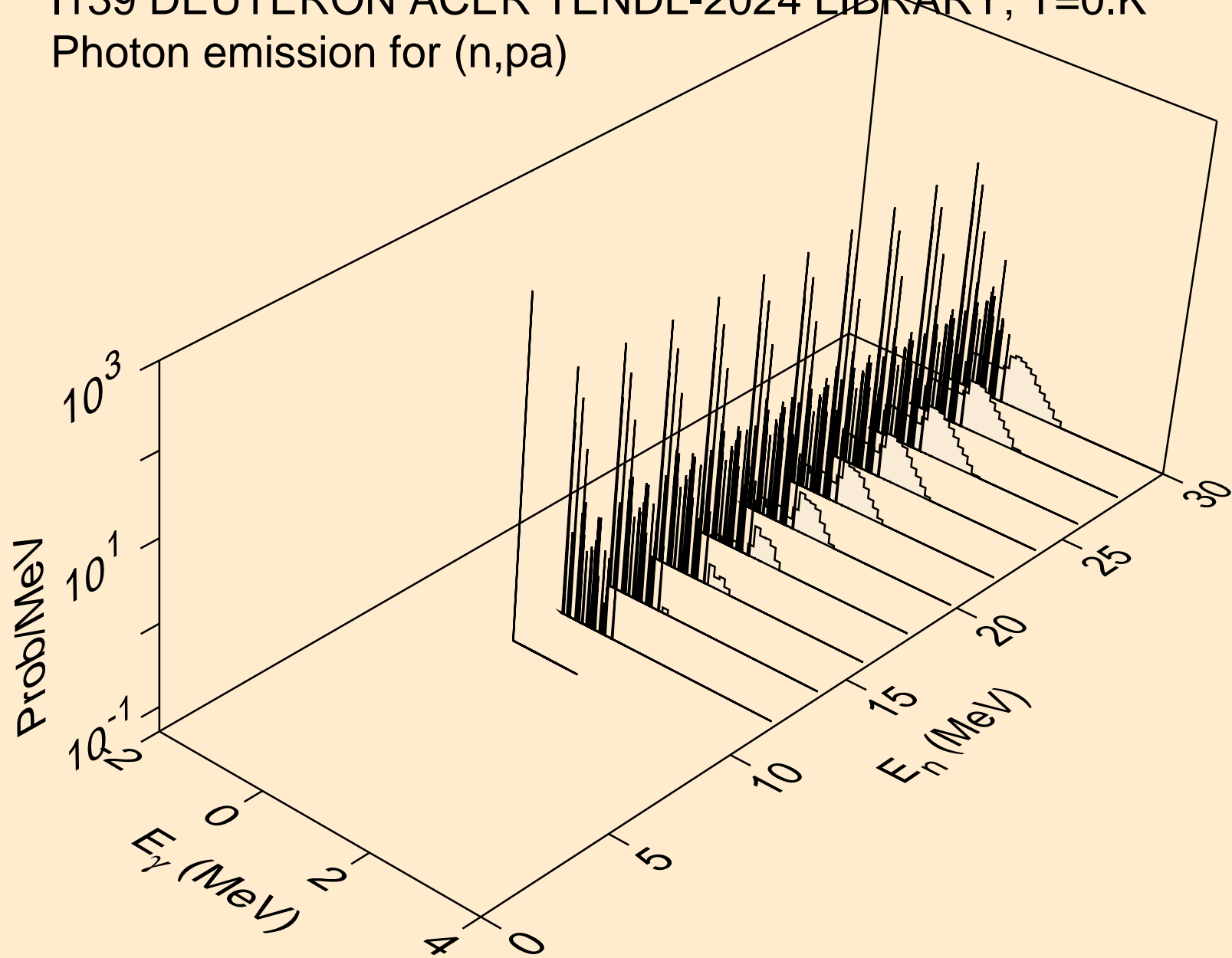
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Photon emission for (n,2a)



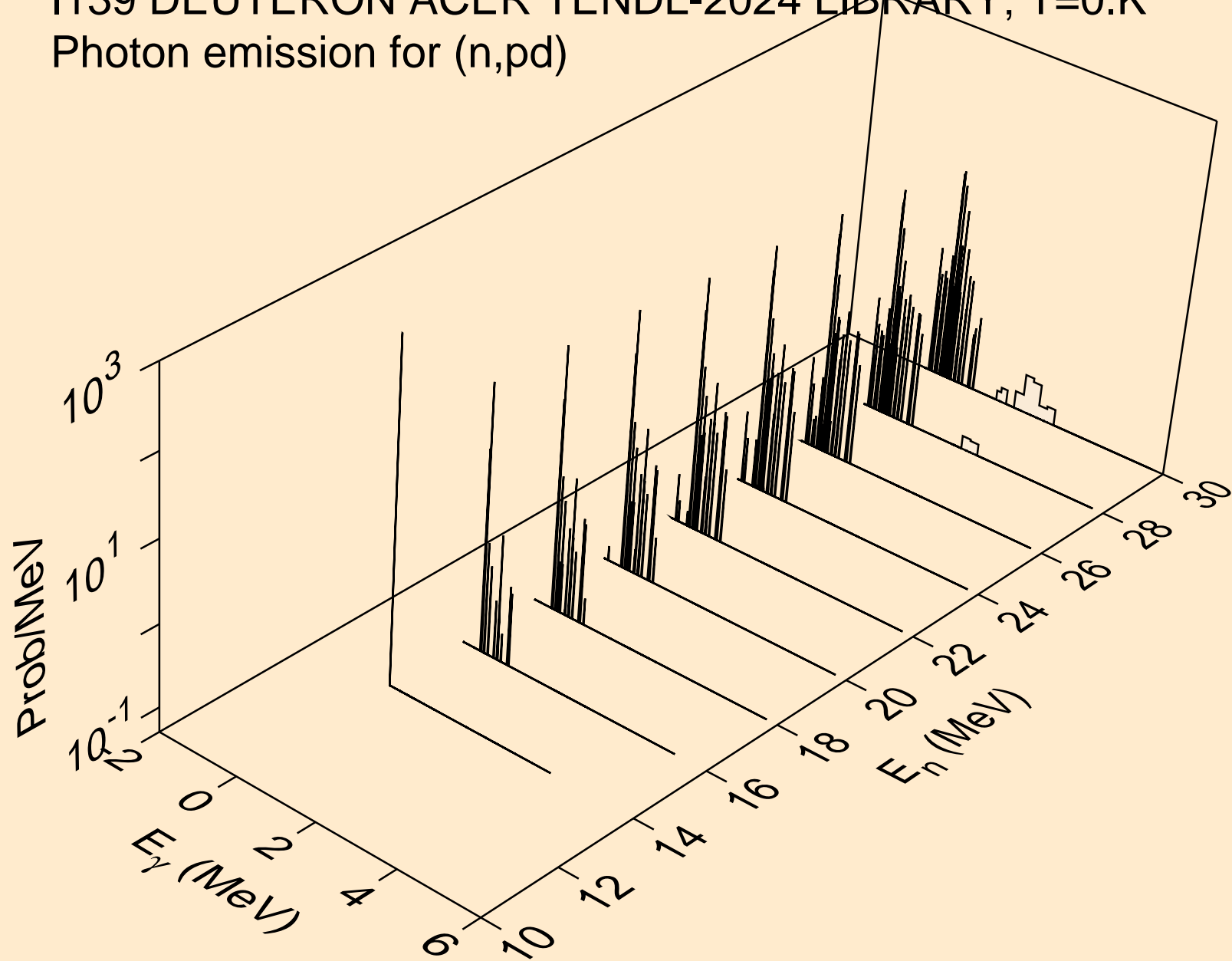
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Photon emission for (n,2p)



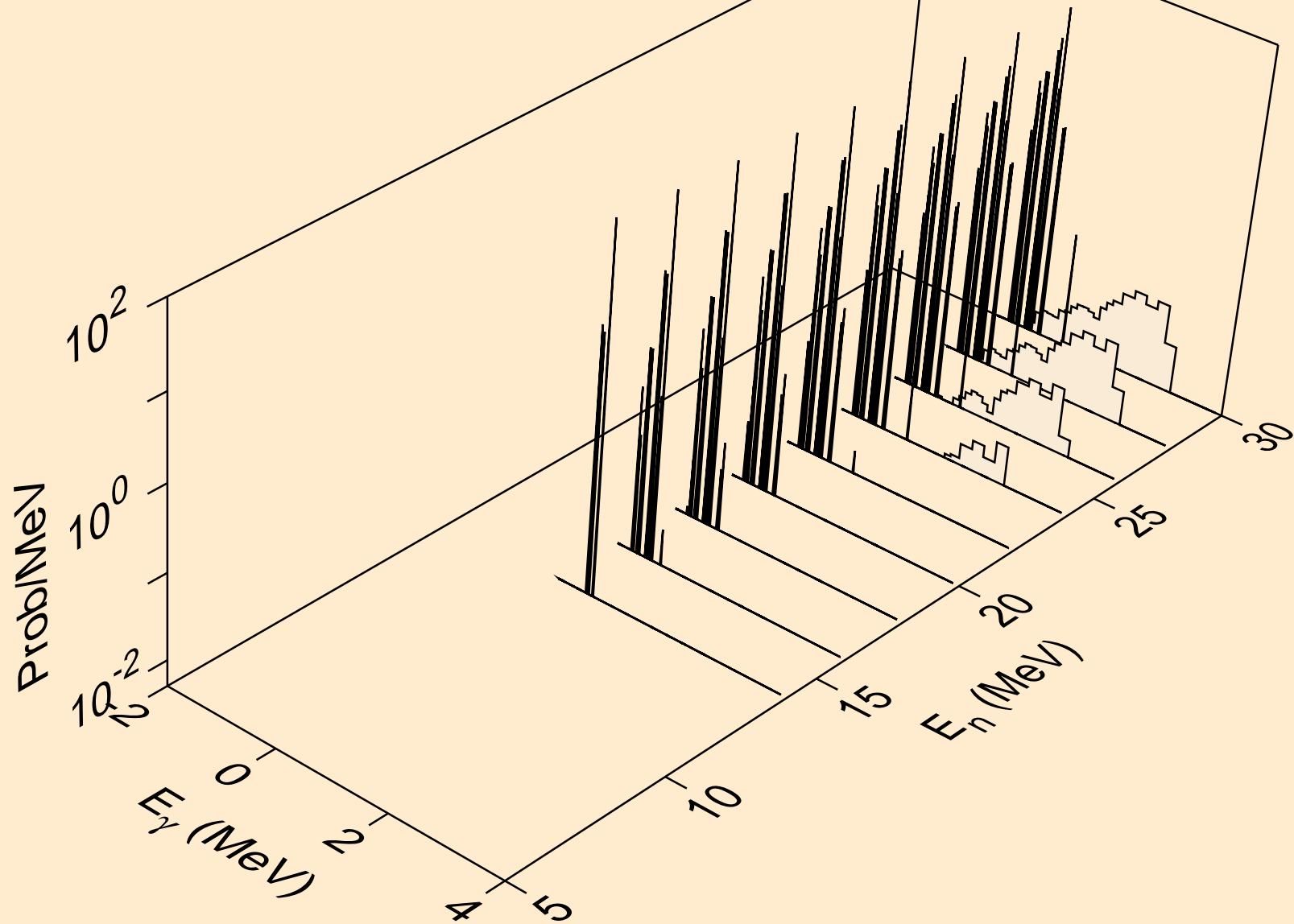
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Photon emission for (n,p)



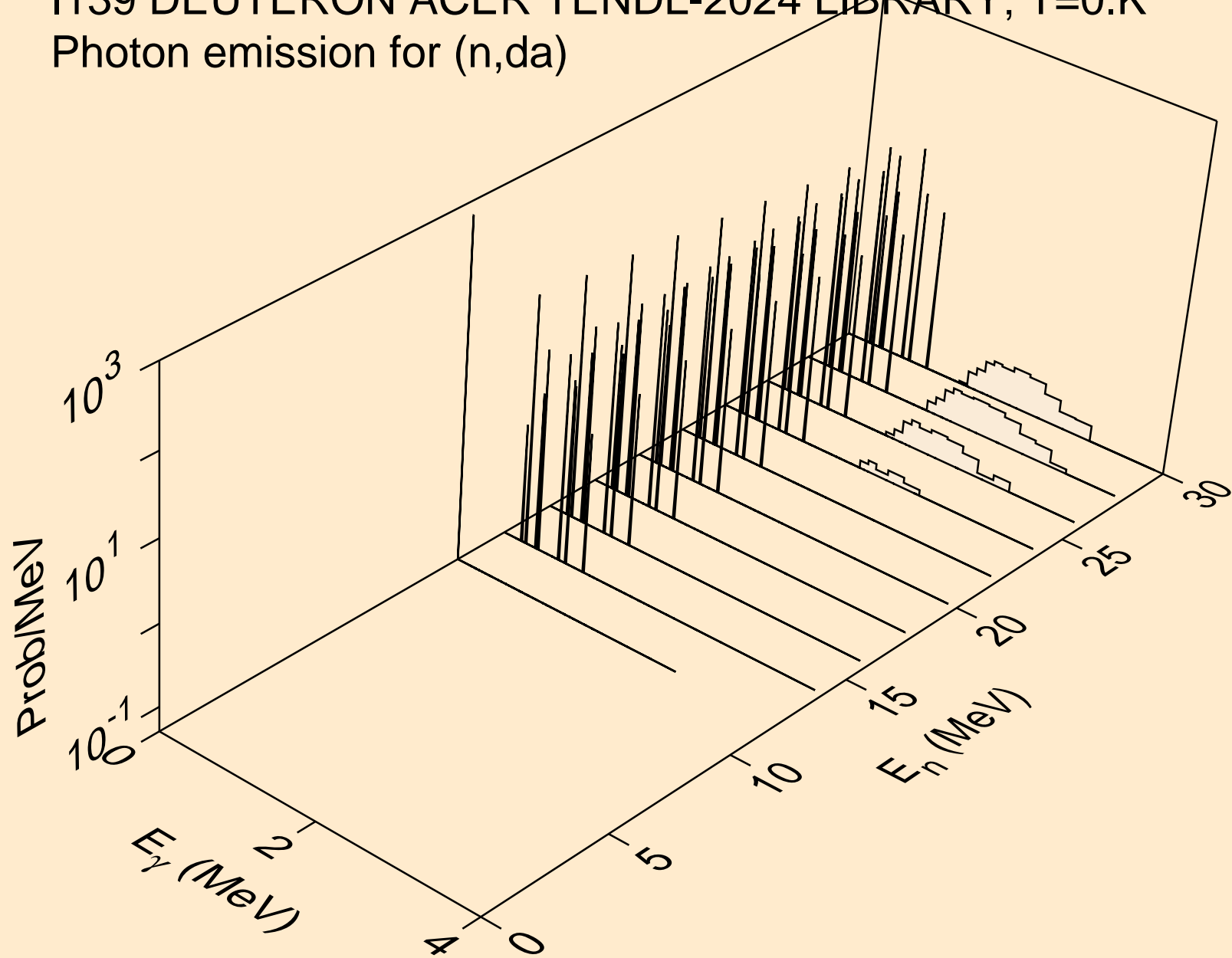
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Photon emission for (n,pd)



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Photon emission for (n,pt)

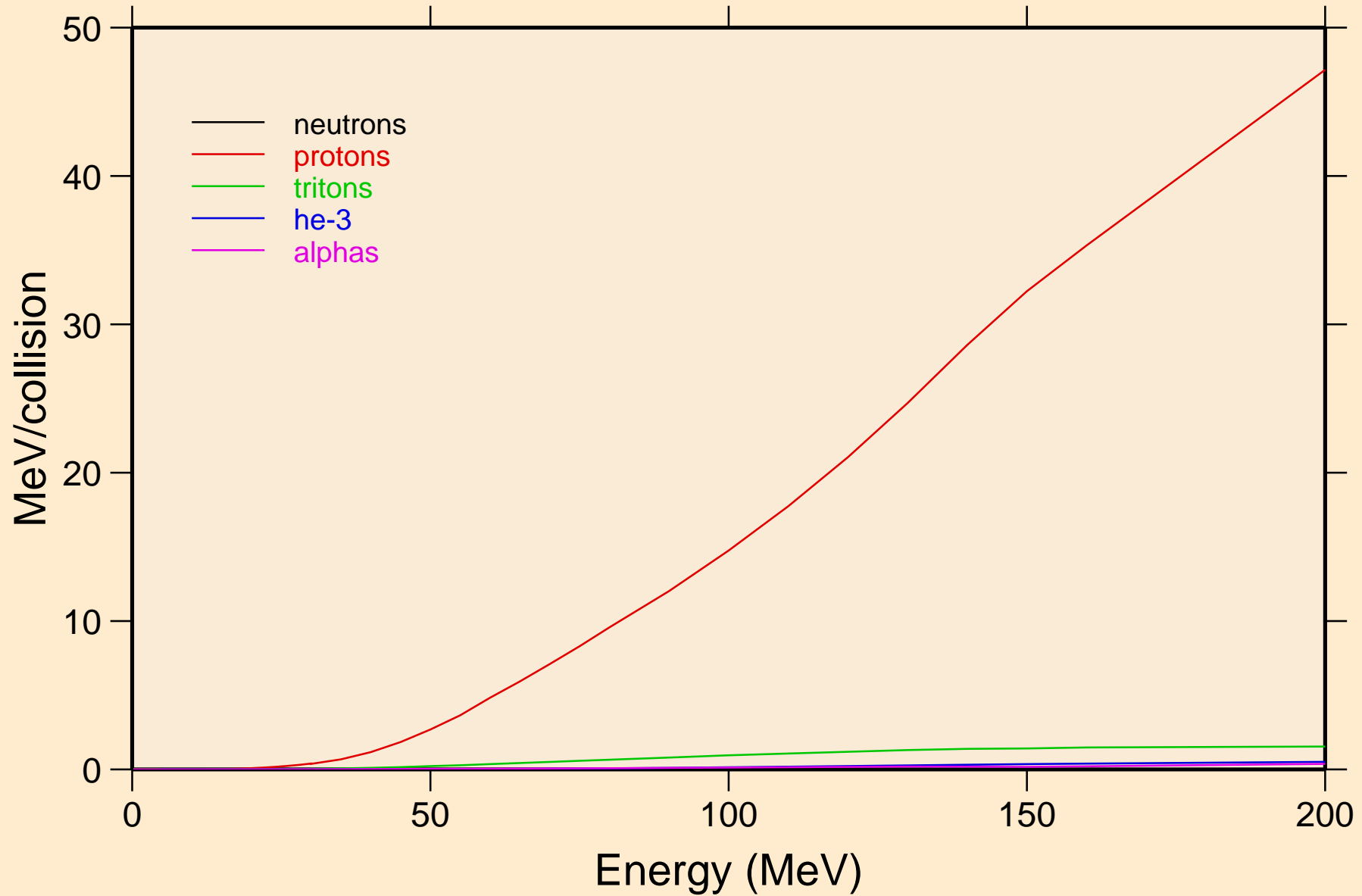


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Photon emission for (n,da)

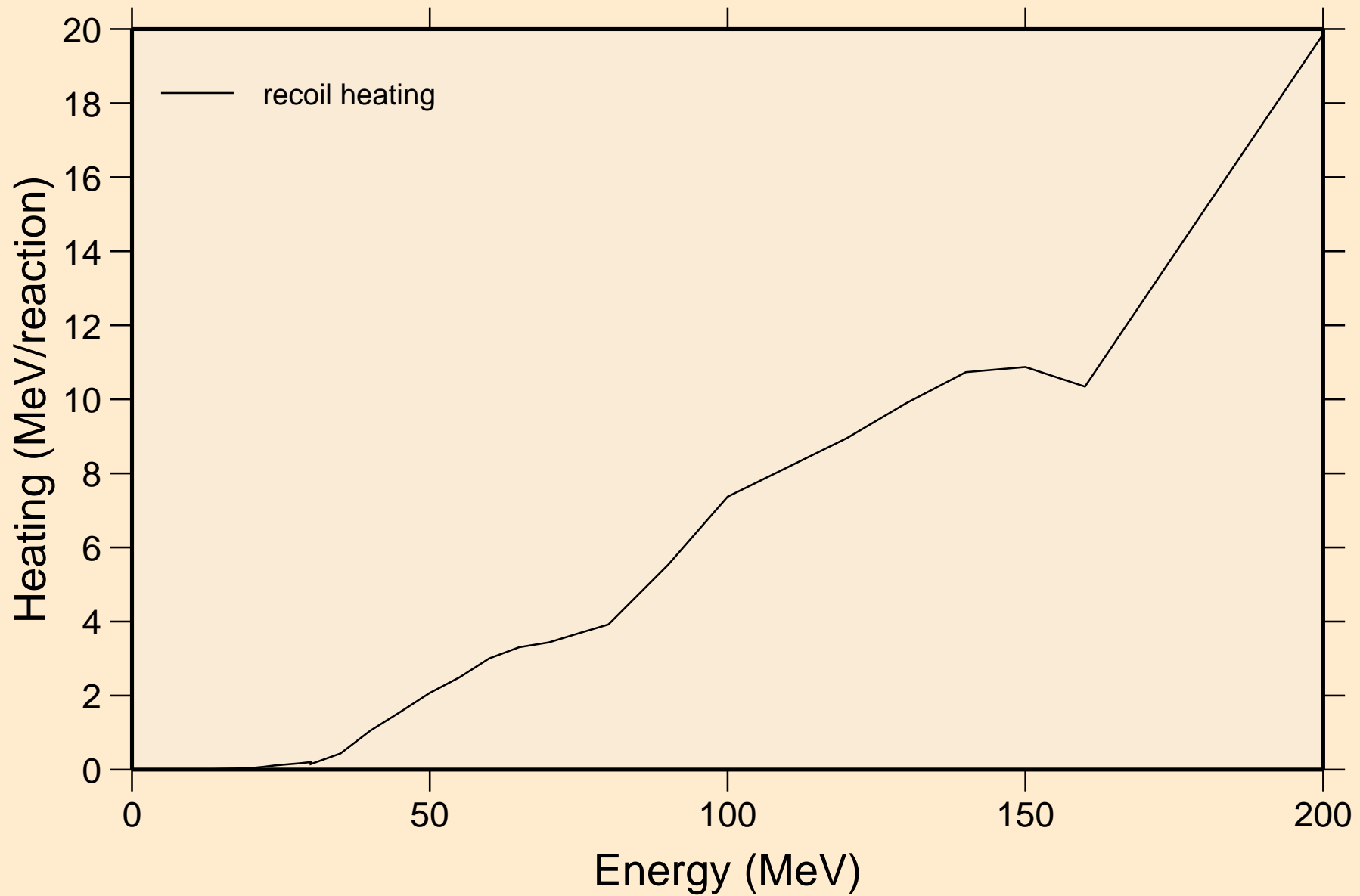


# I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

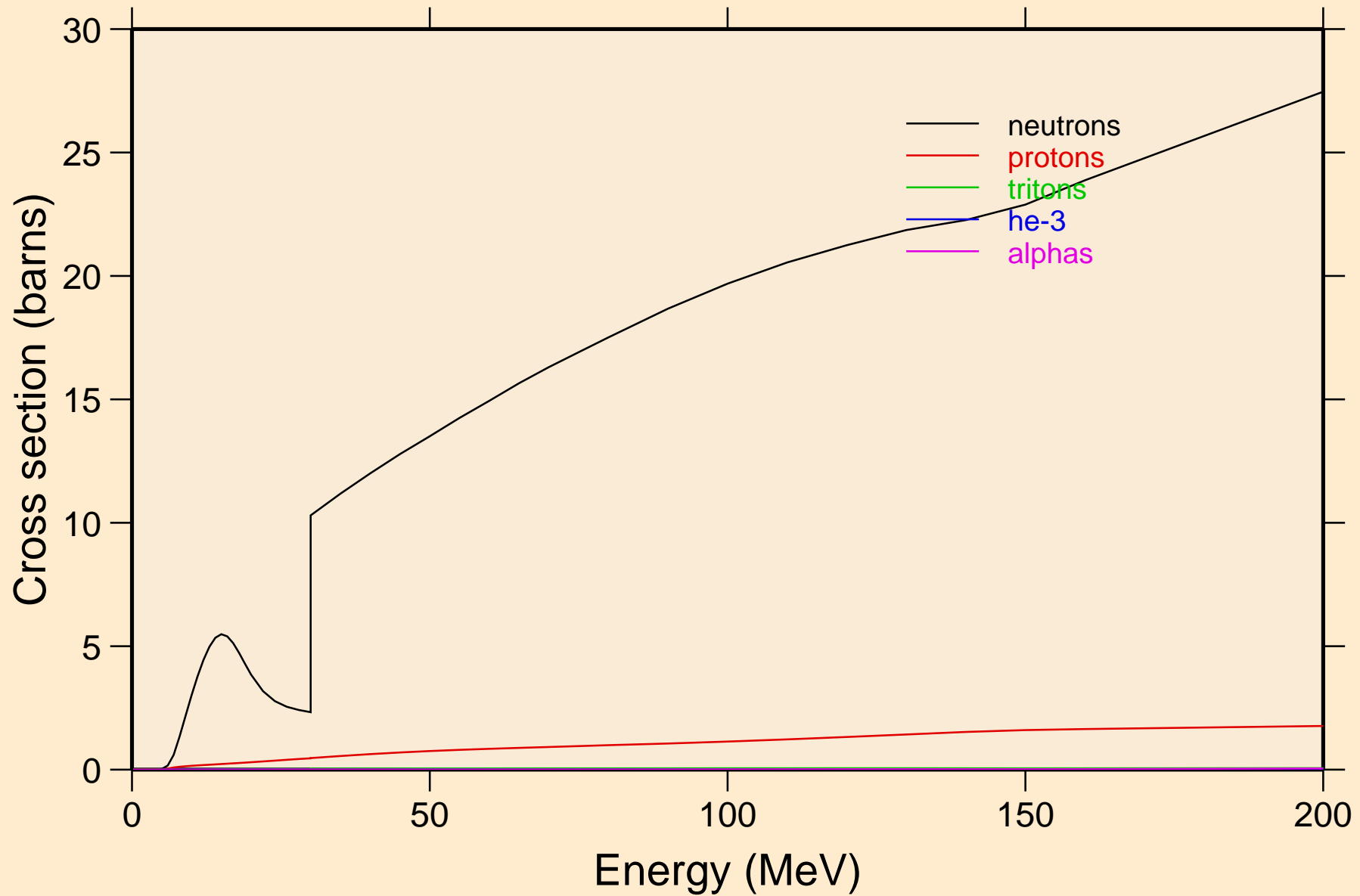


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Recoil Heating

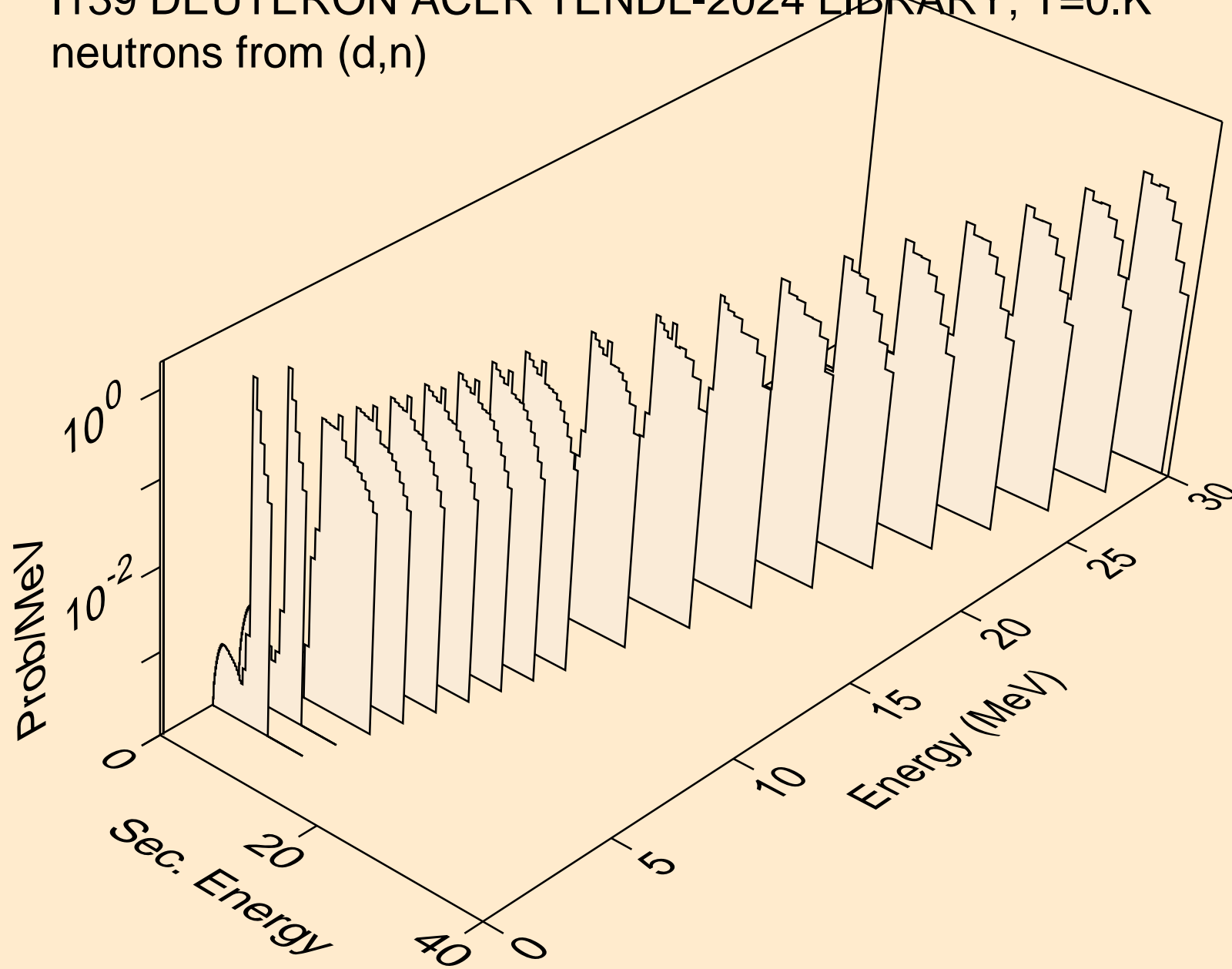


# I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K

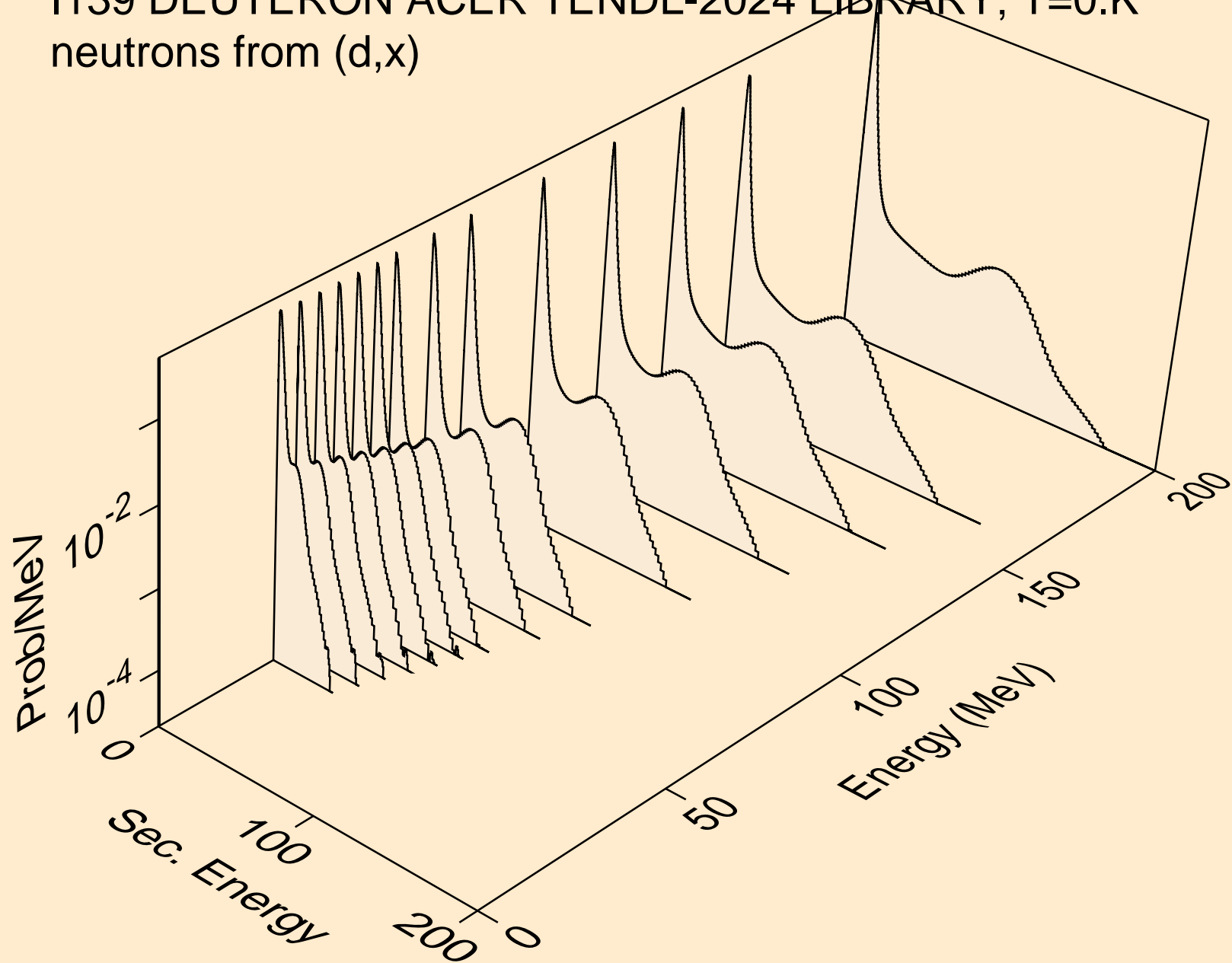
## Particle production cross sections



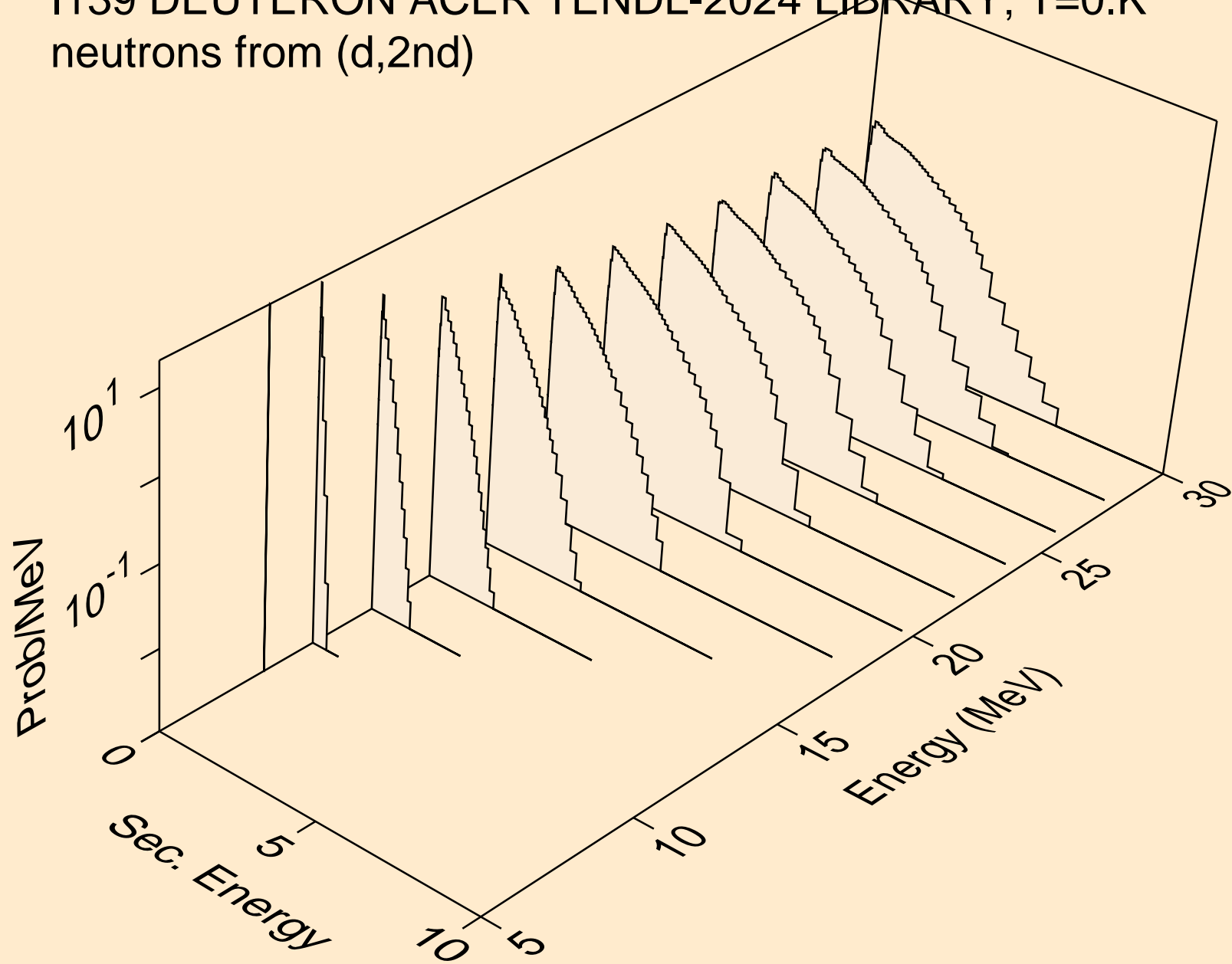
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neutrons from (d,n)



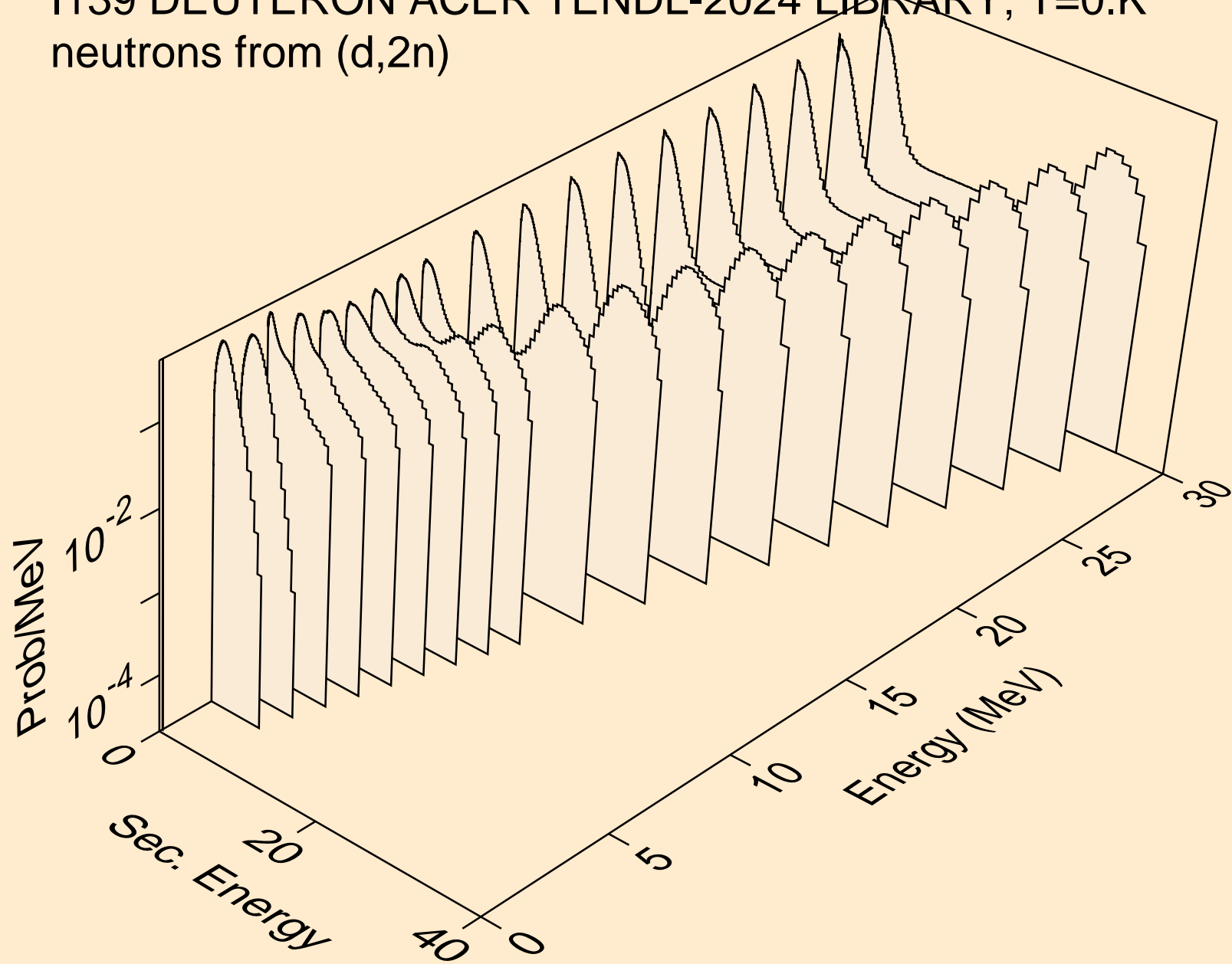
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neutrons from (d,x)



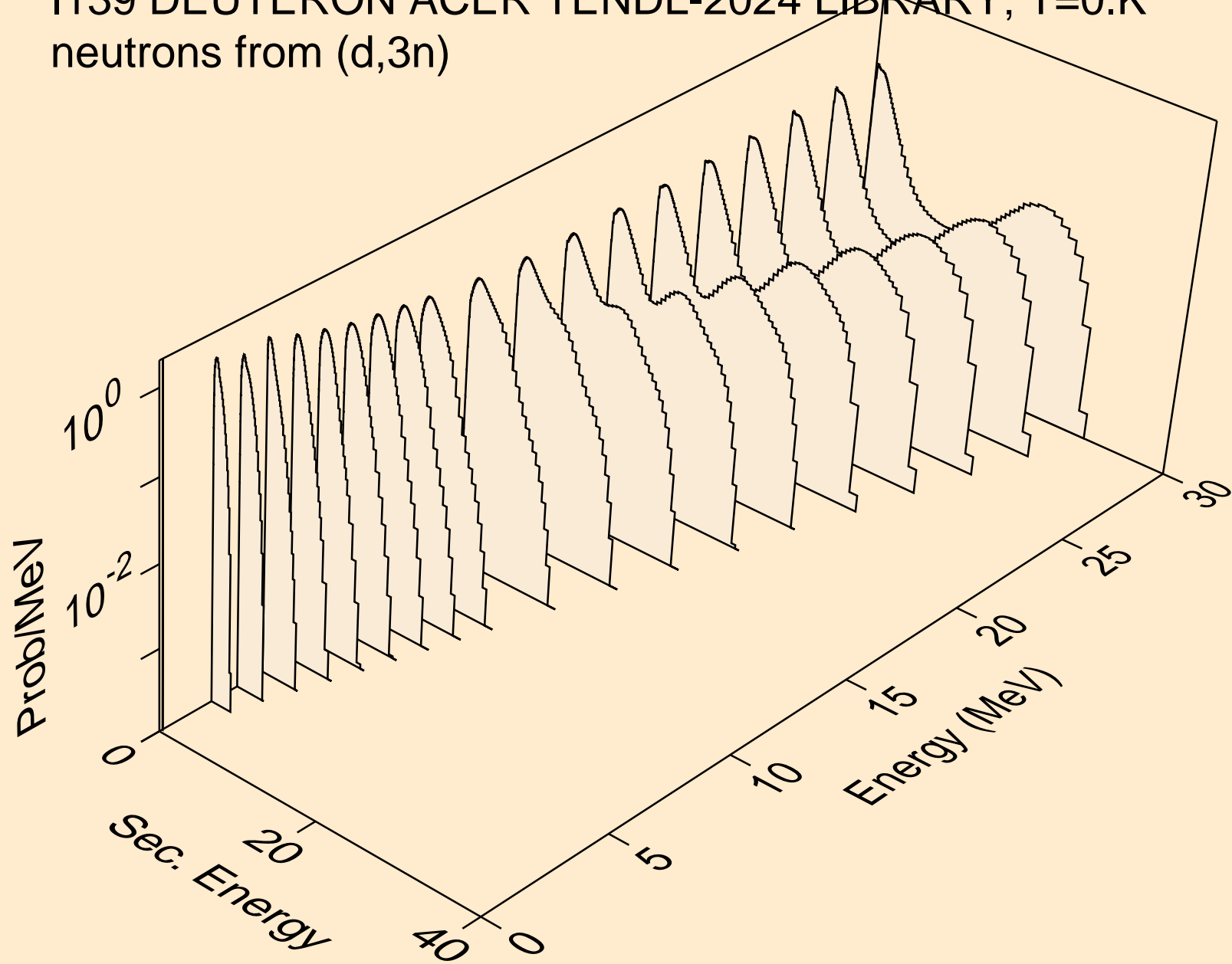
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neutrons from (d,2nd)



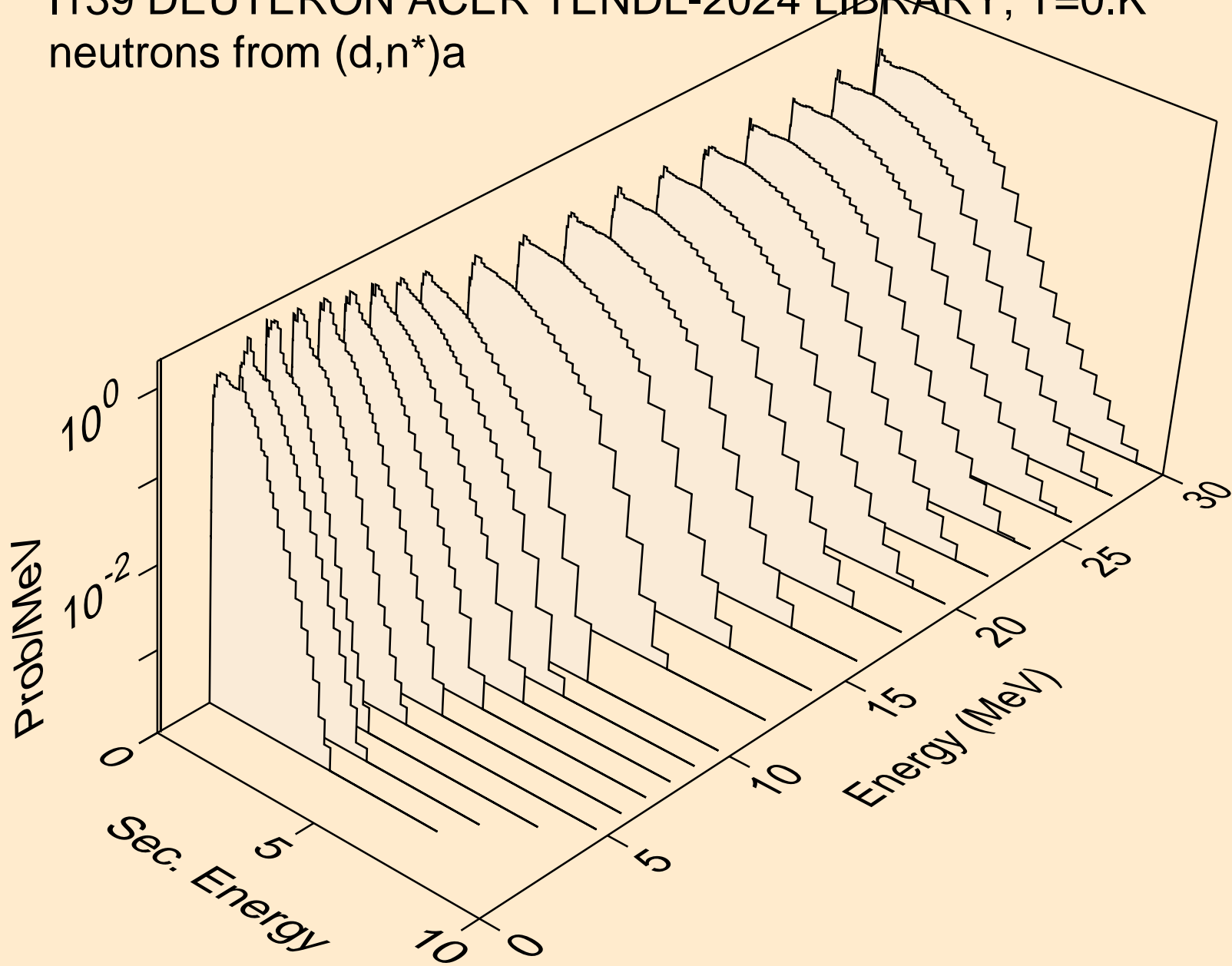
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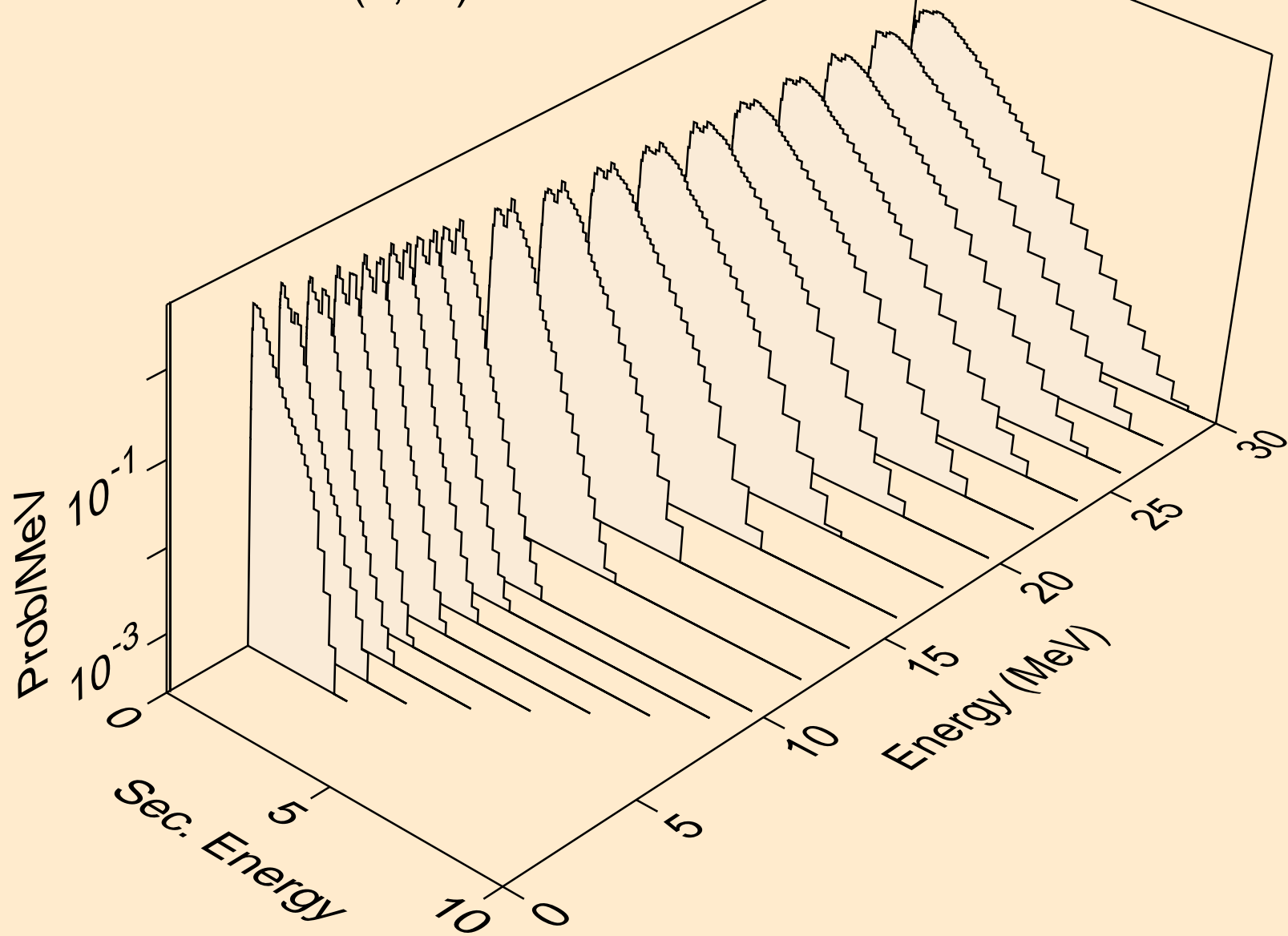
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neutrons from (d,3n)



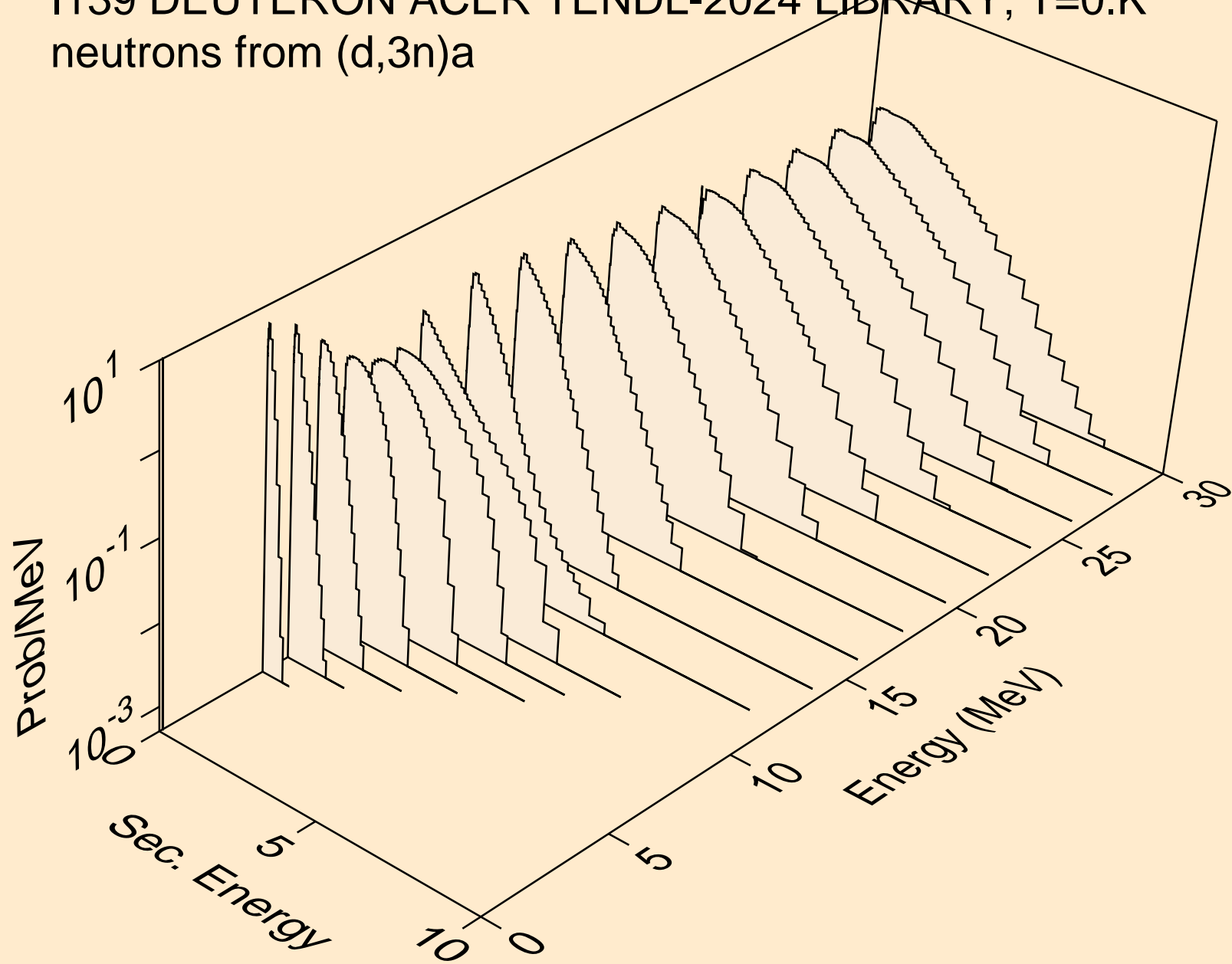
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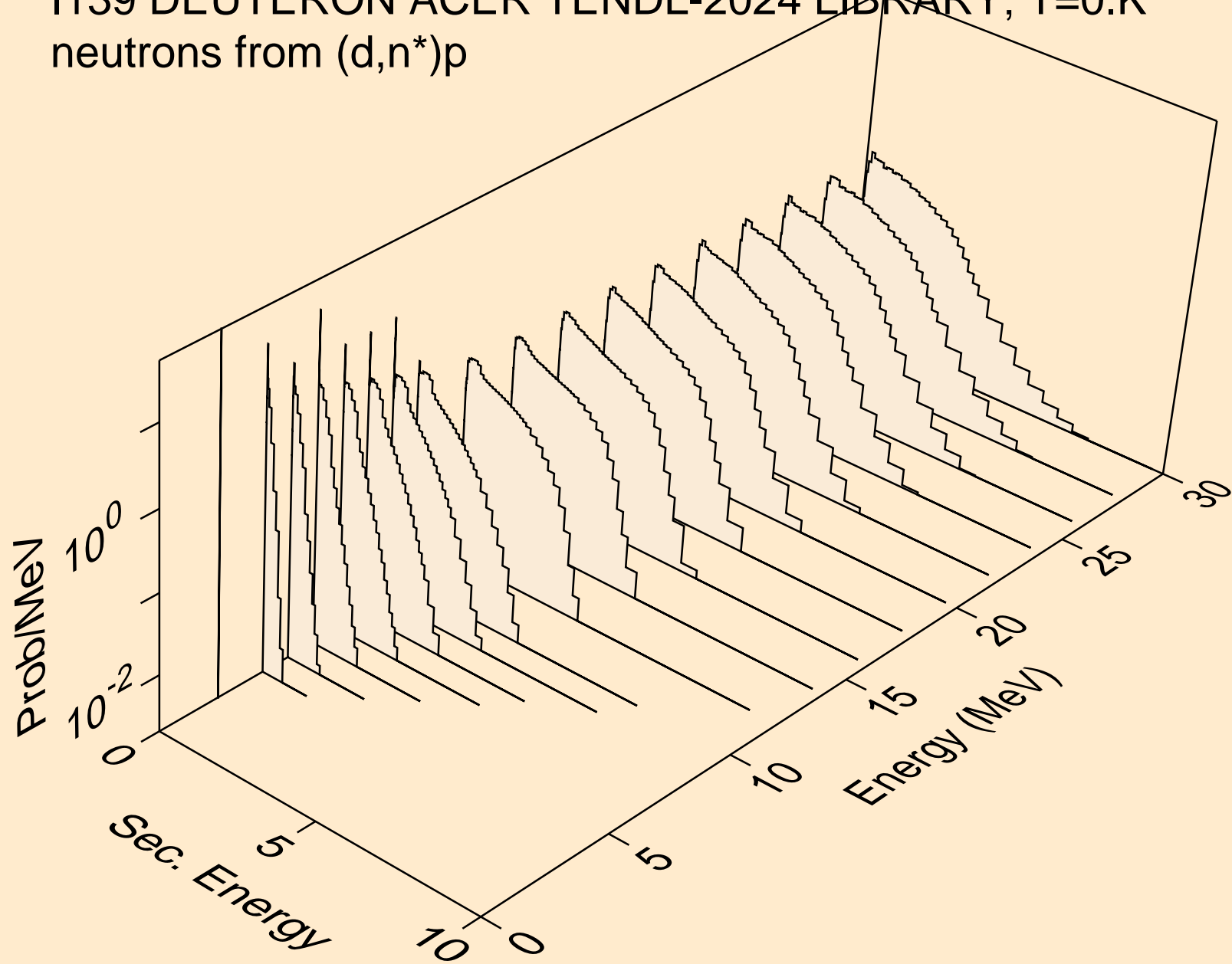
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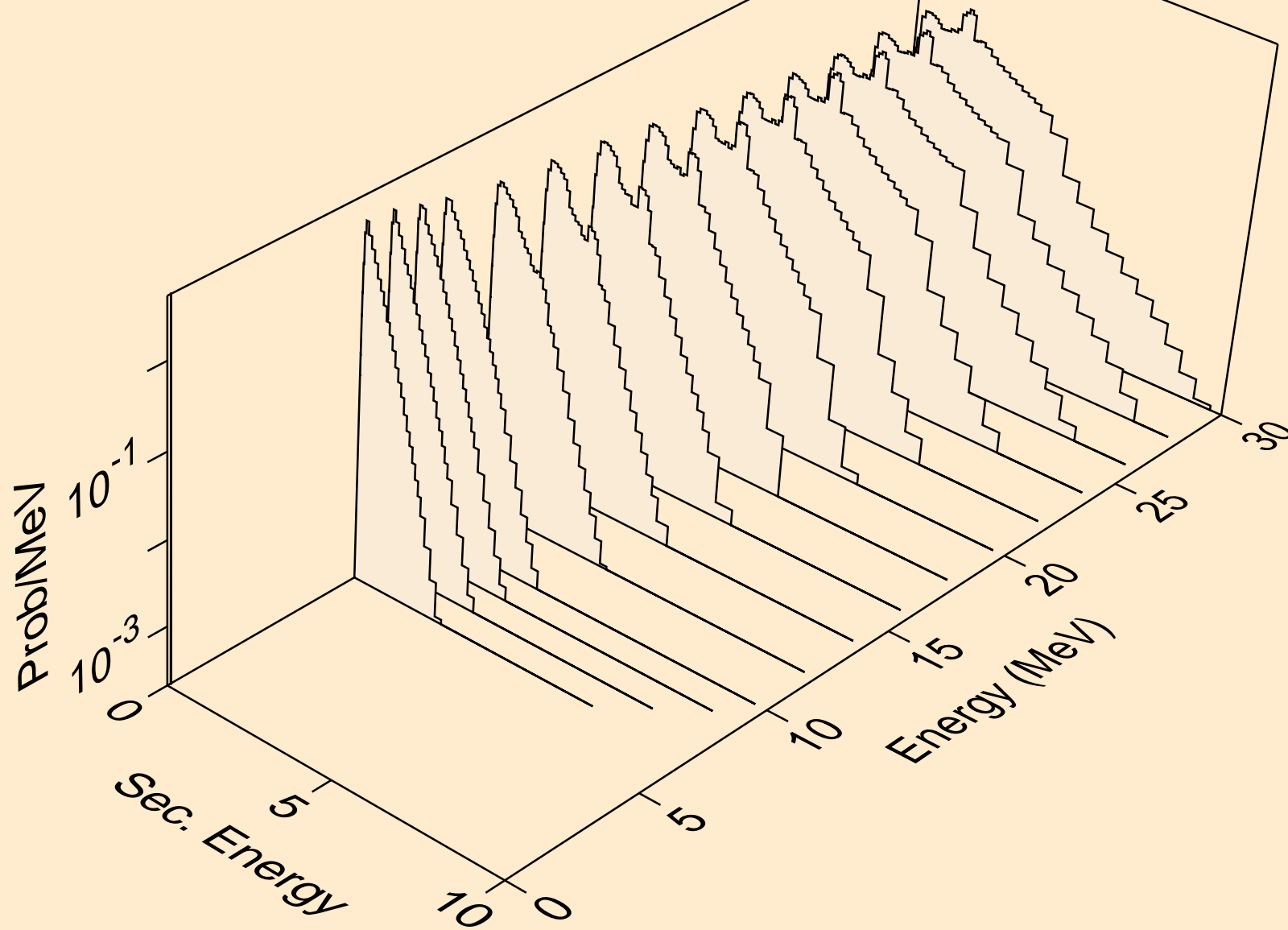
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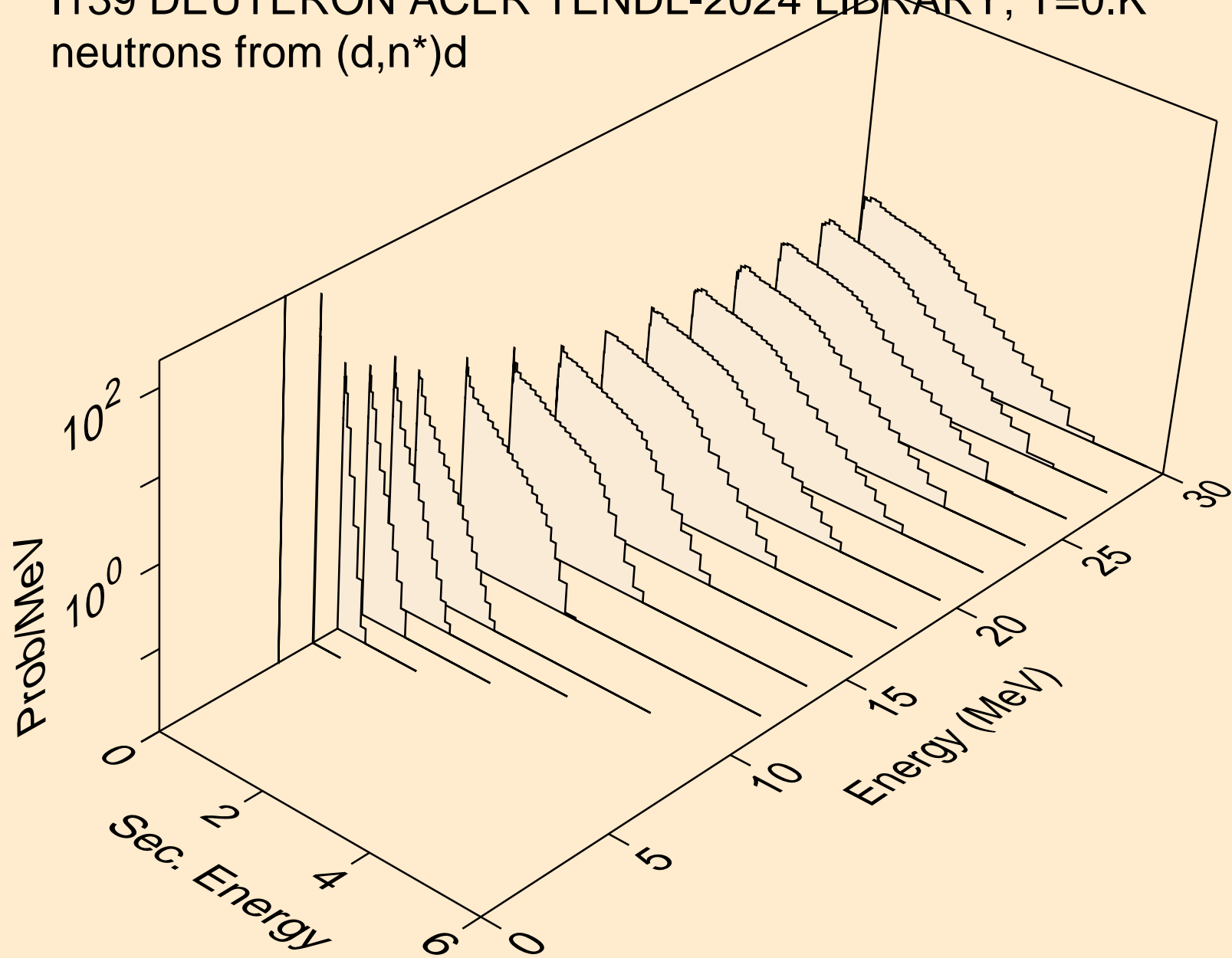
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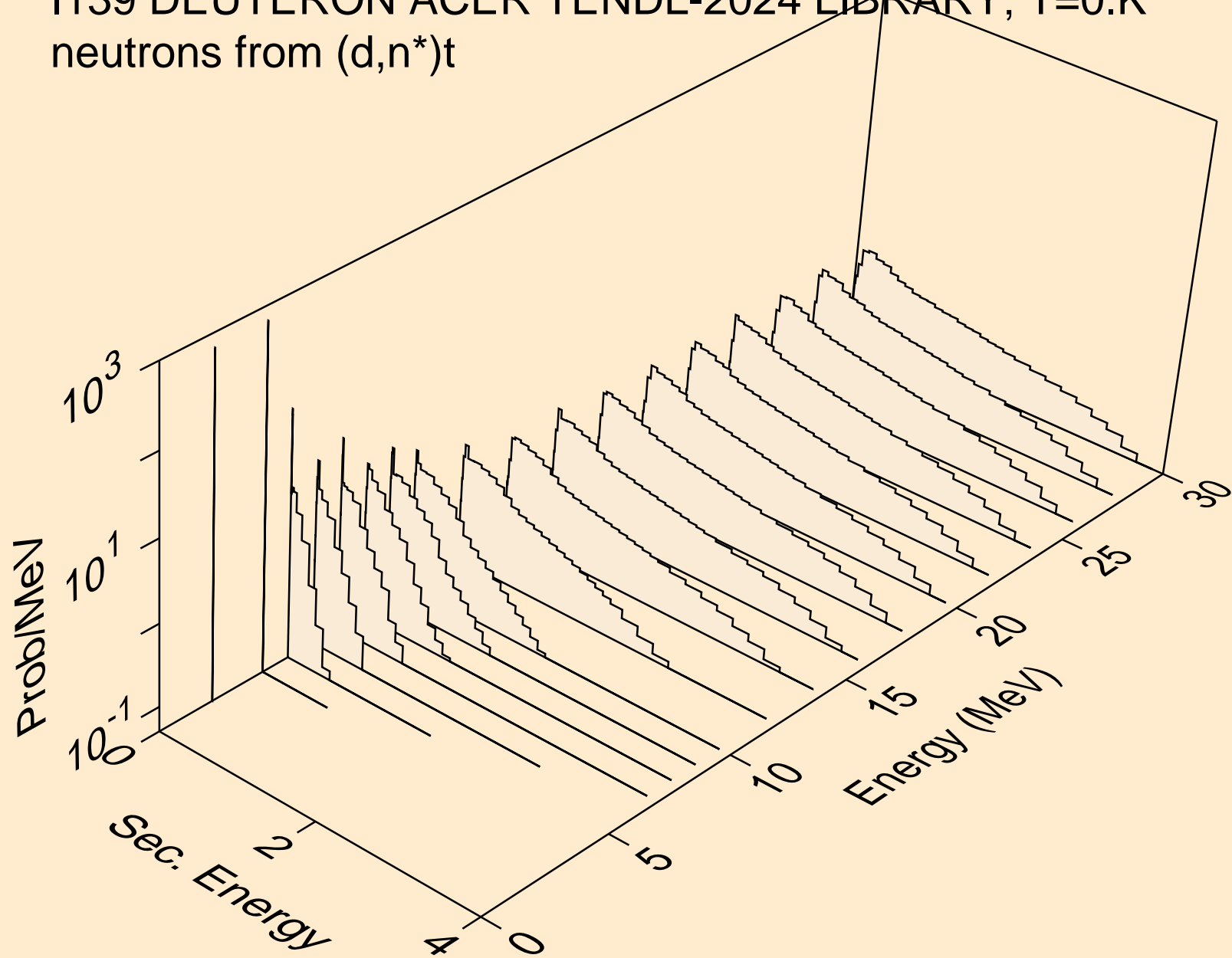
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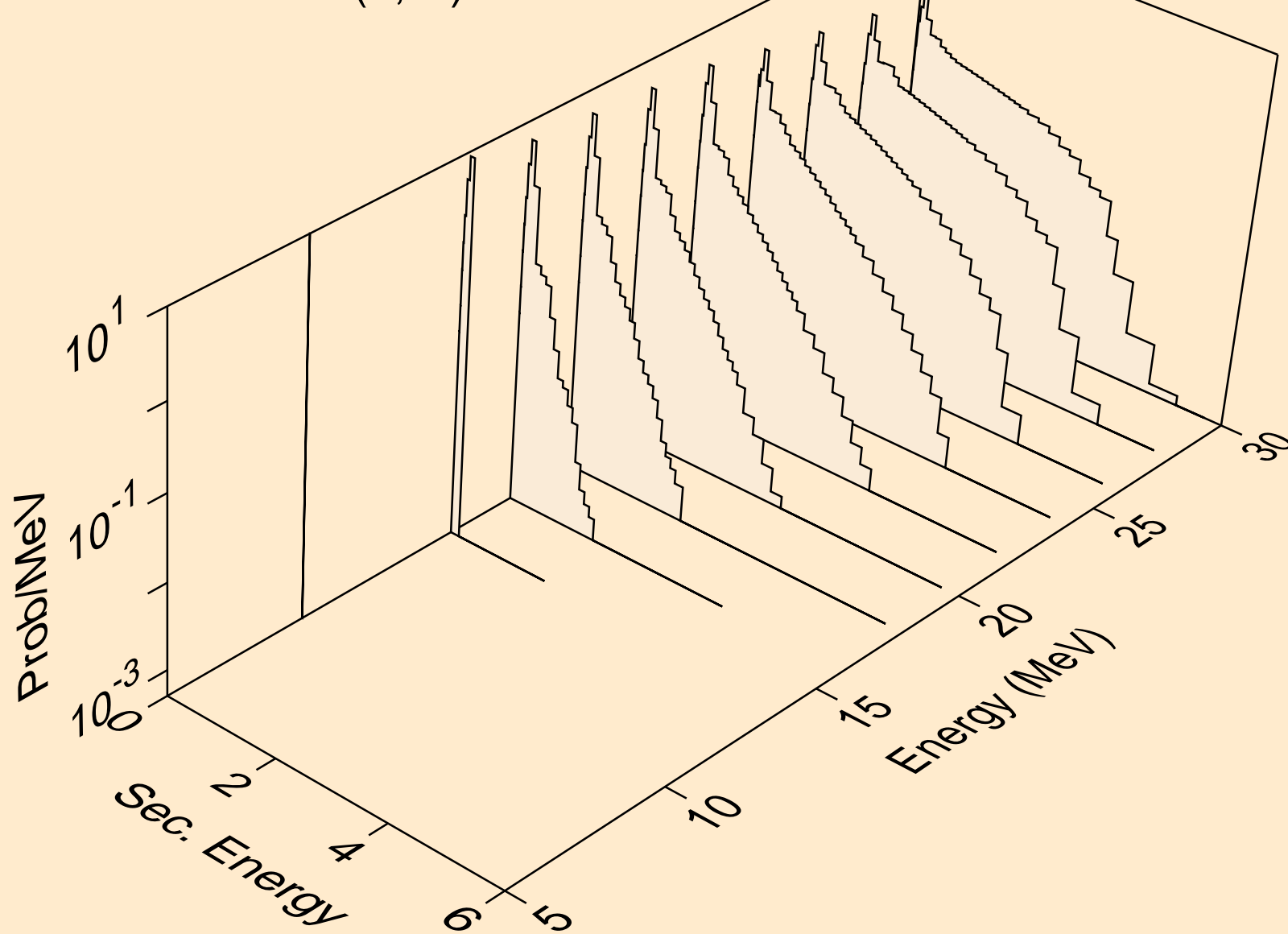
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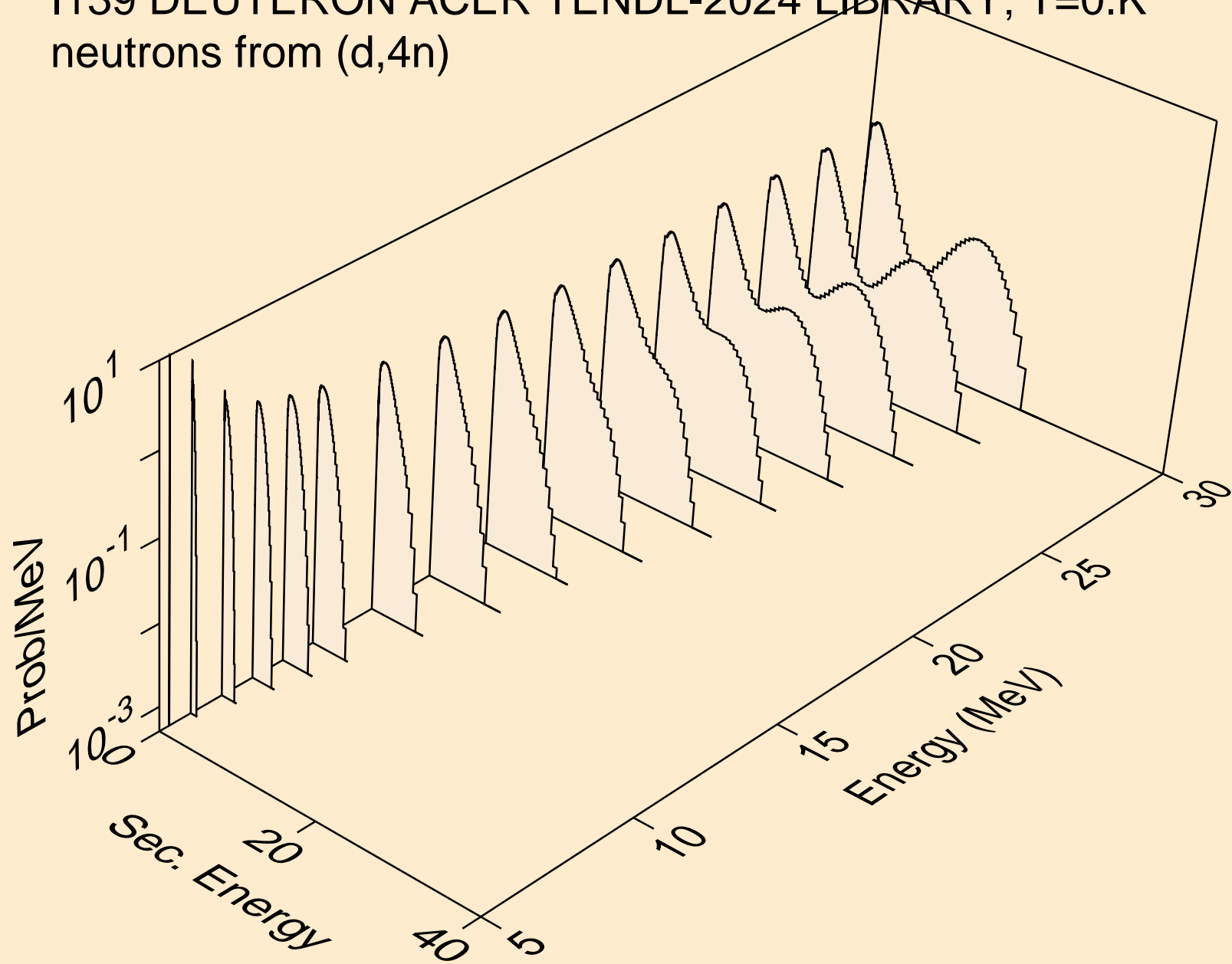
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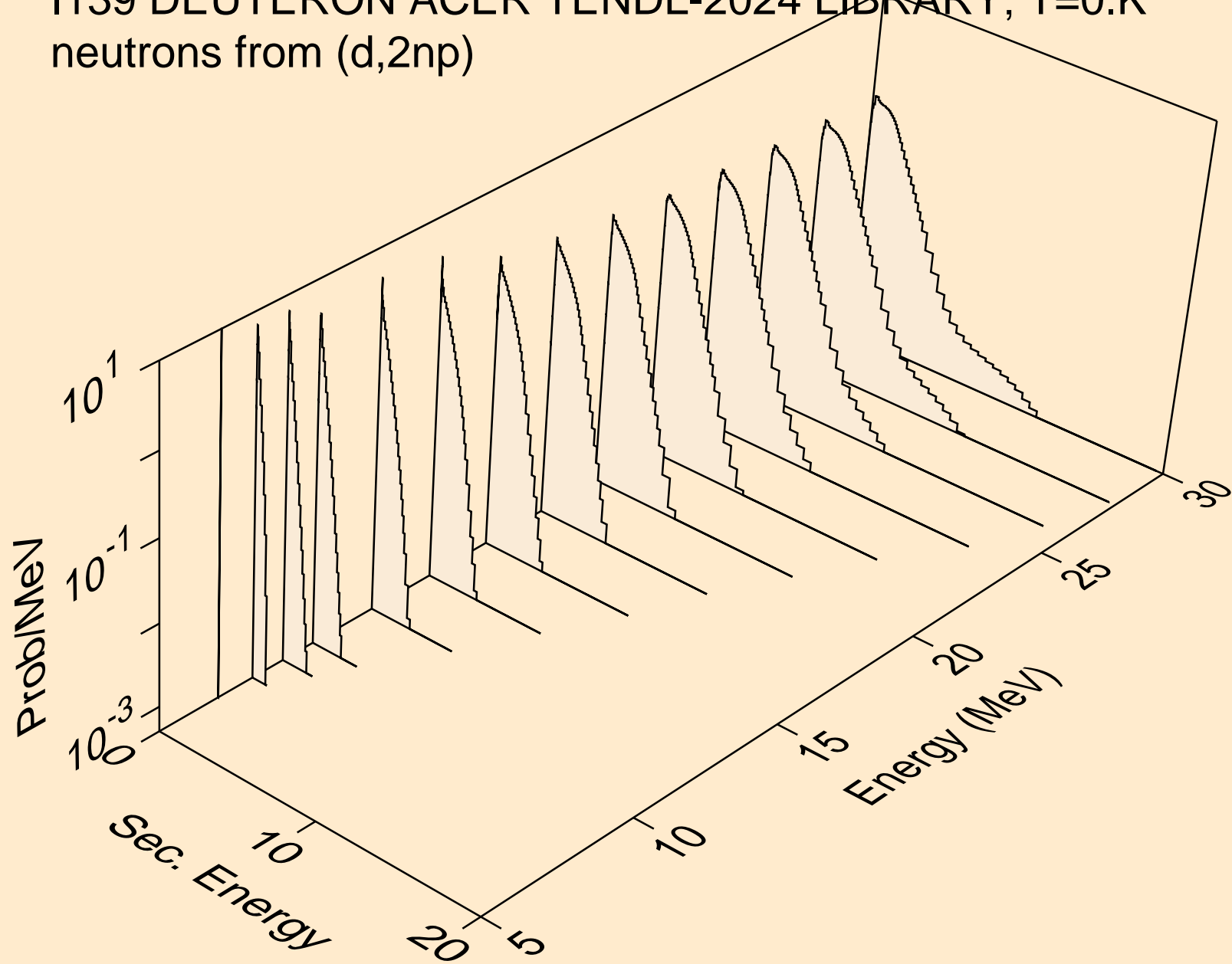
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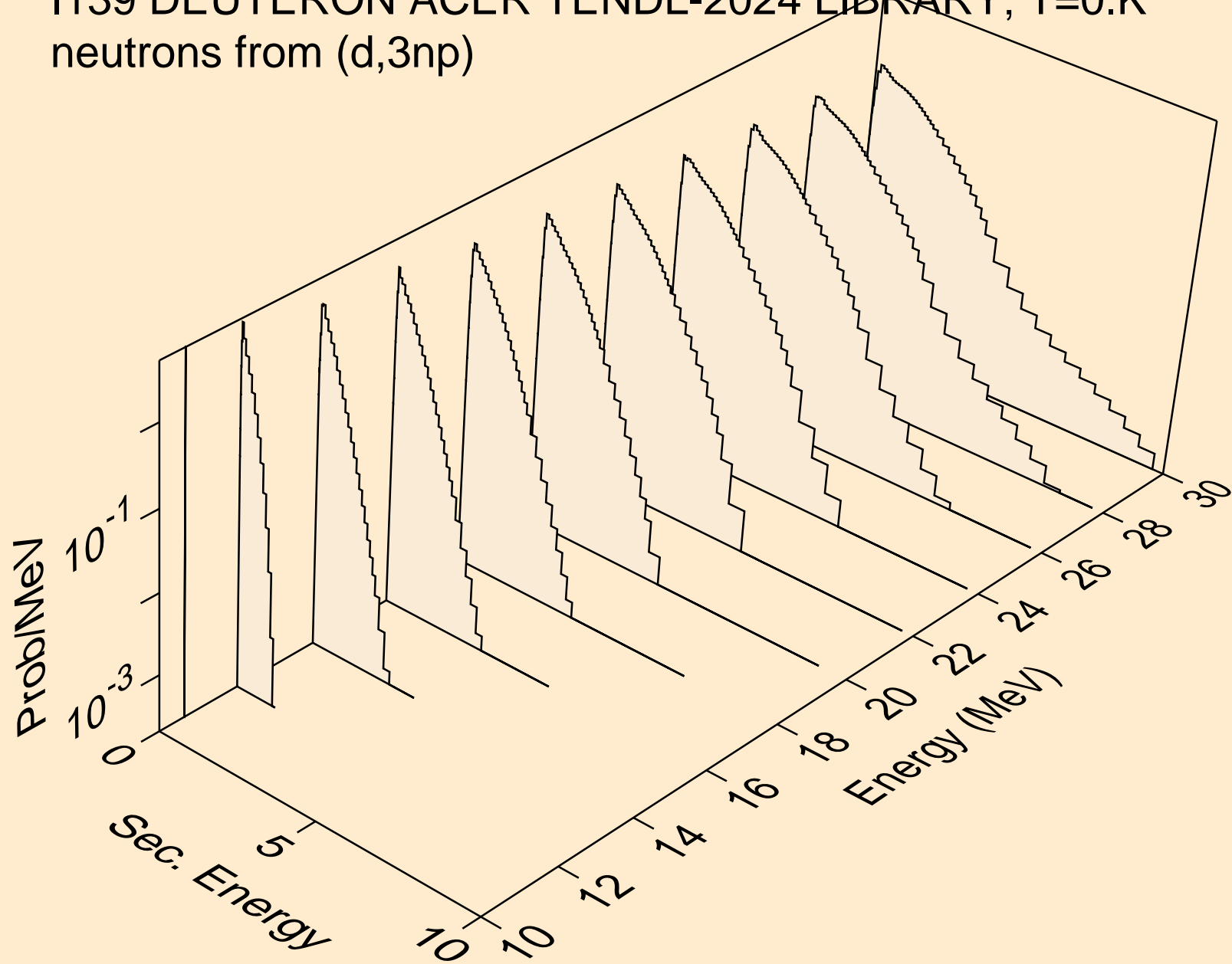
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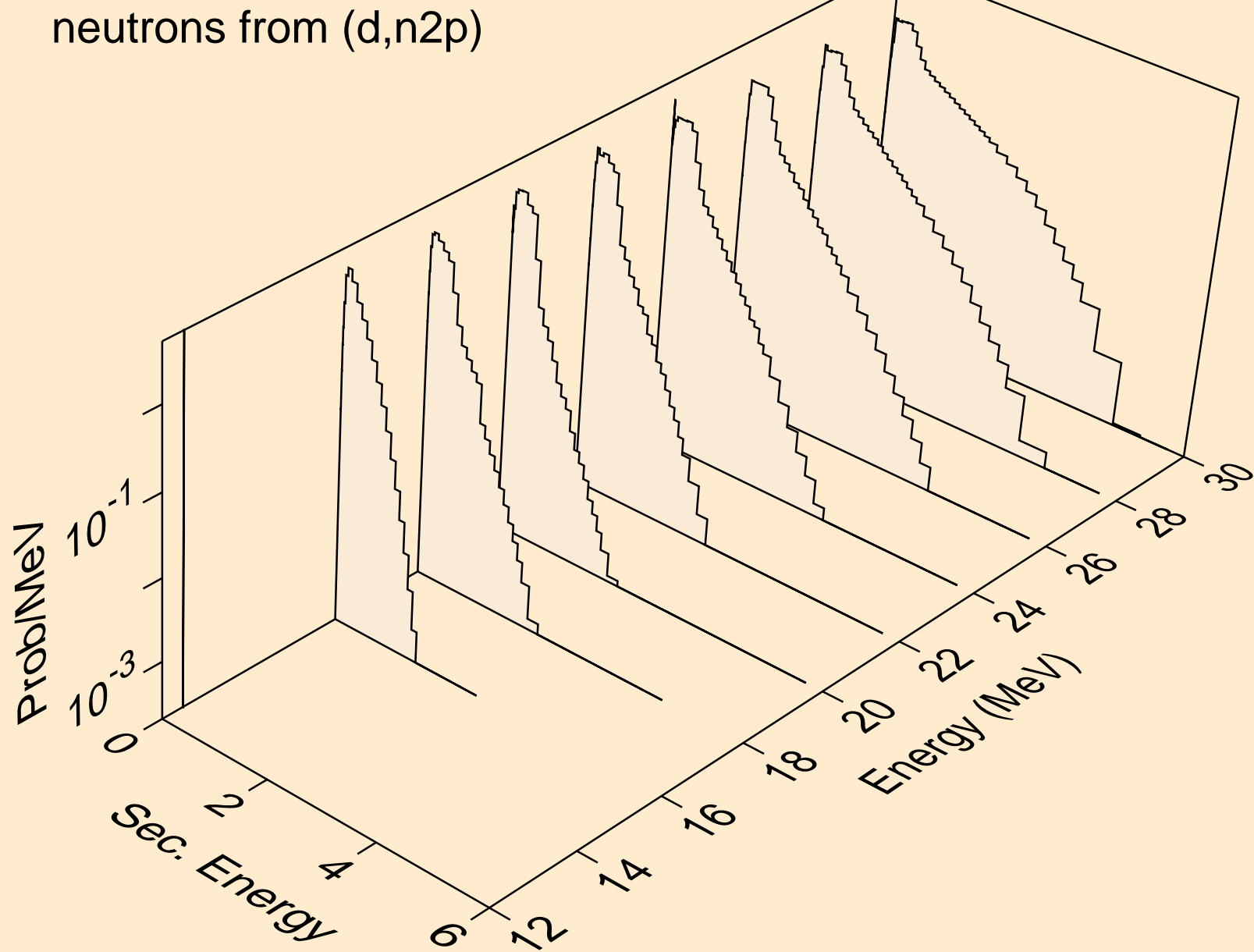
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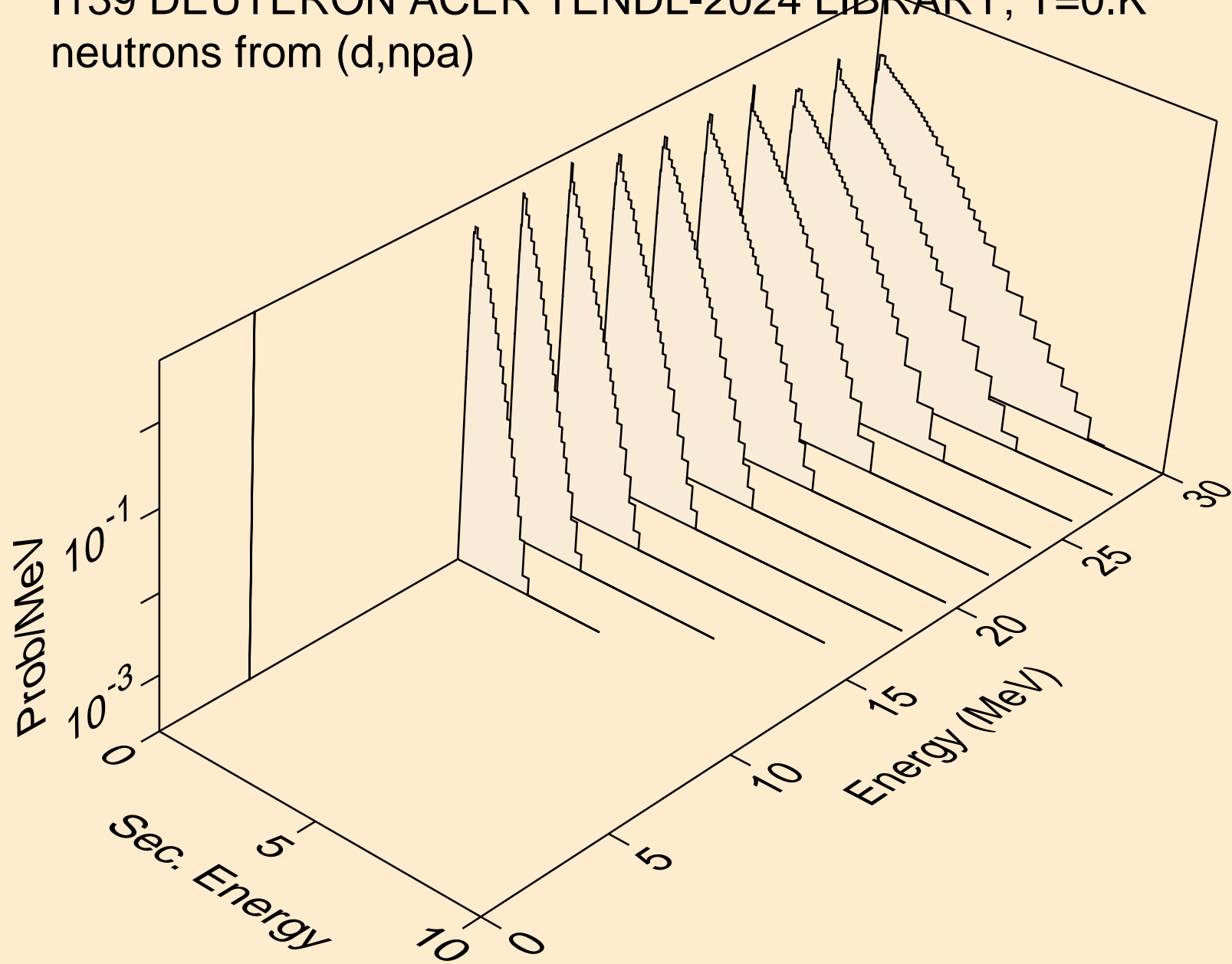
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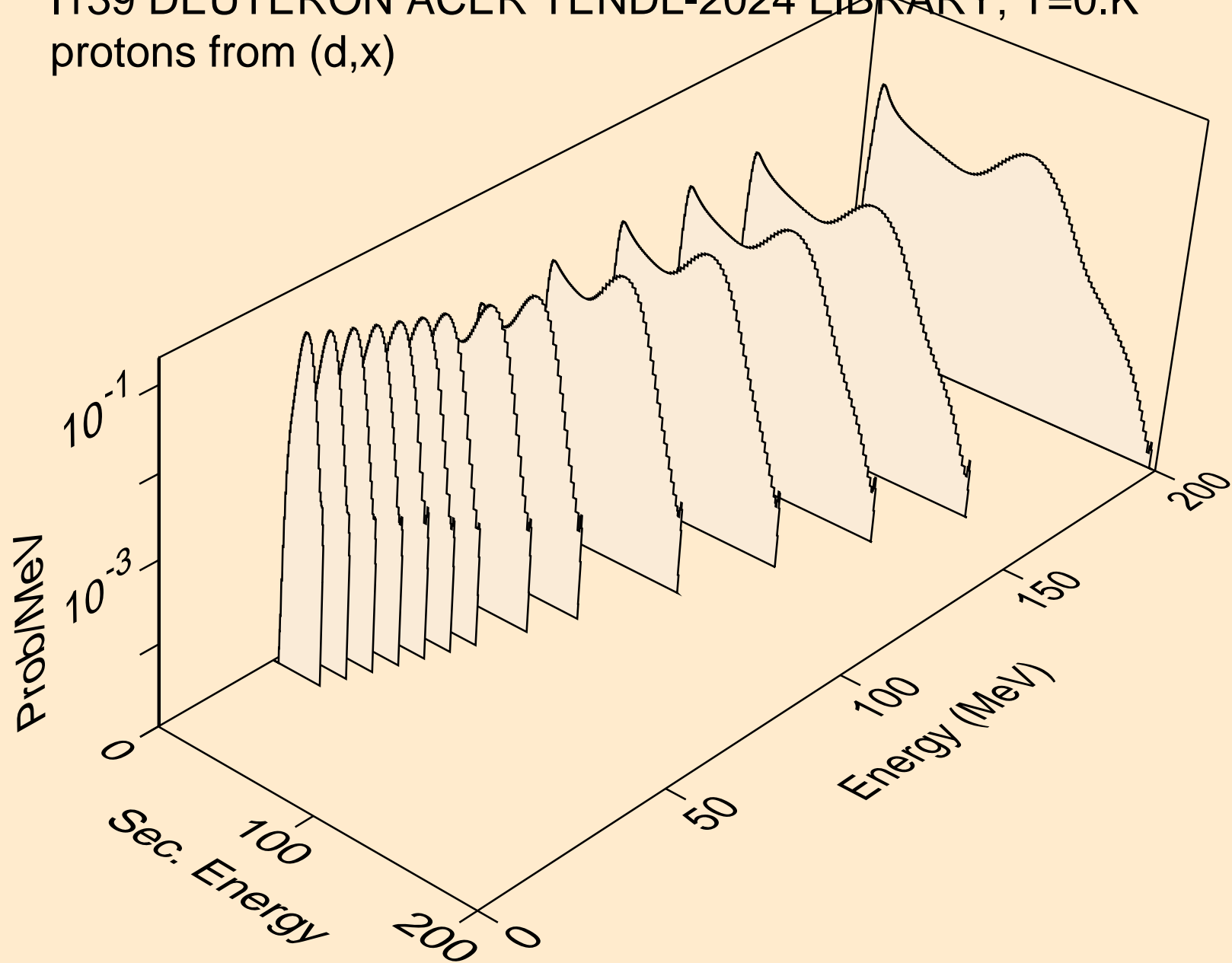
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neutrons from (d,n2p)



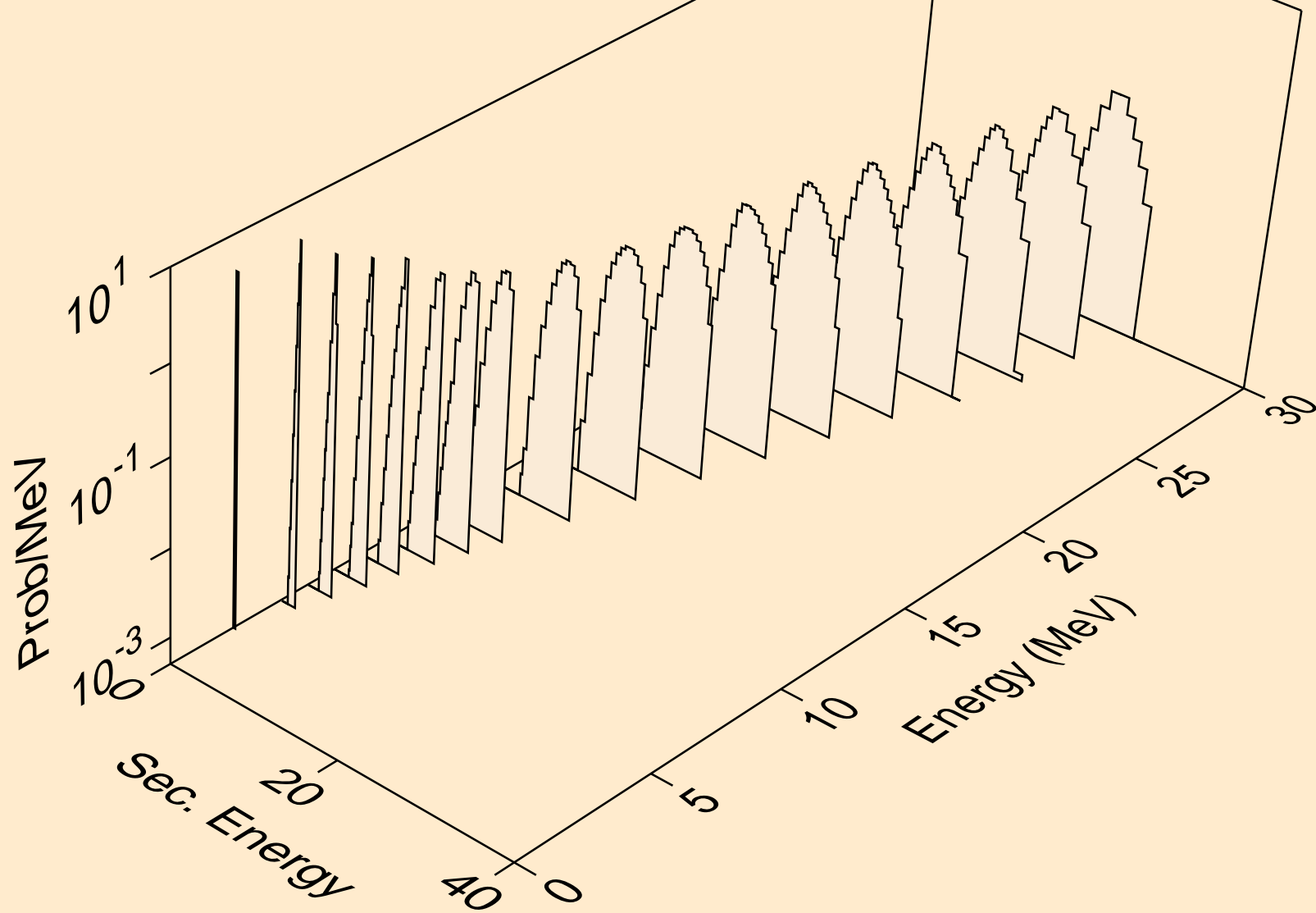
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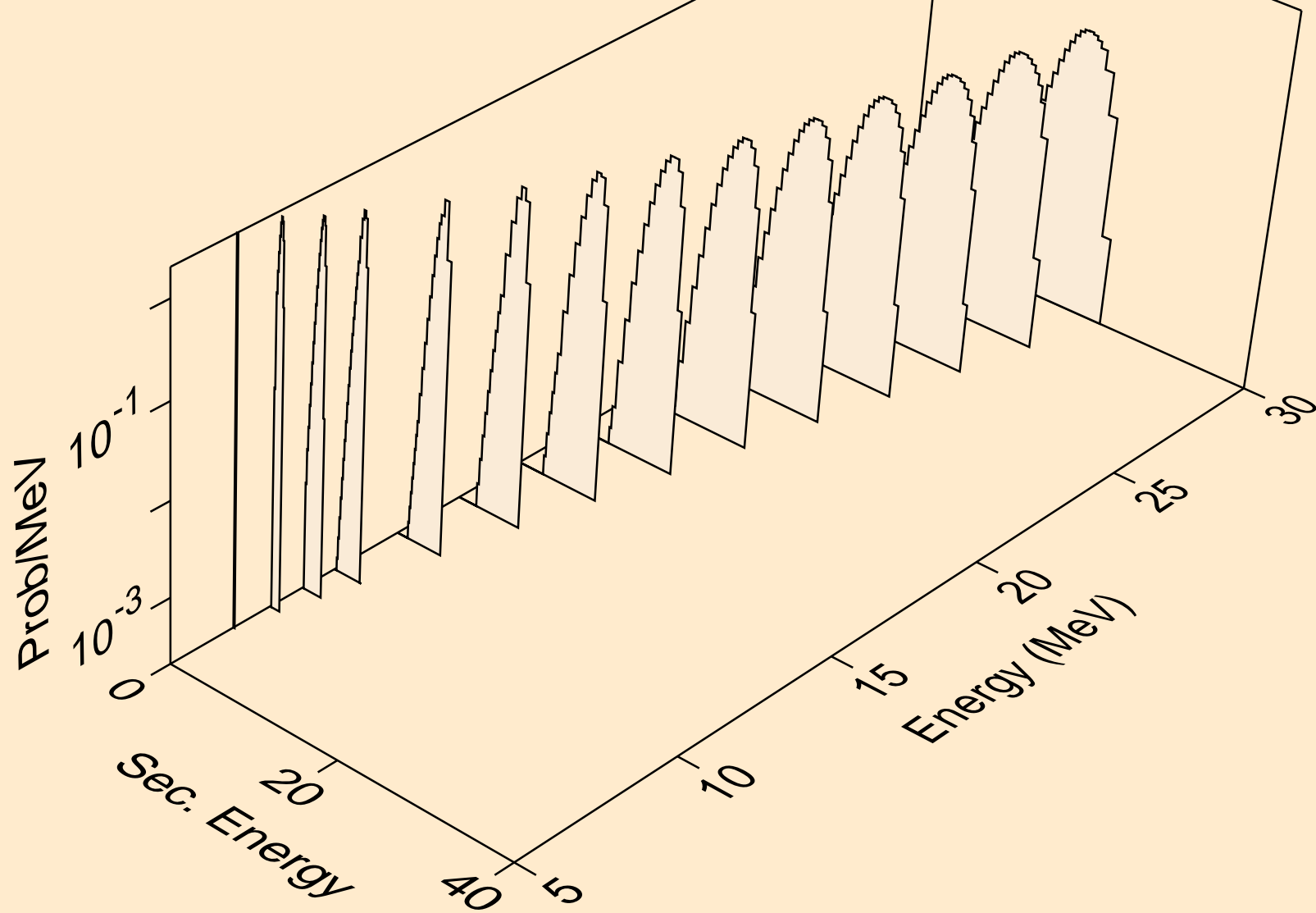
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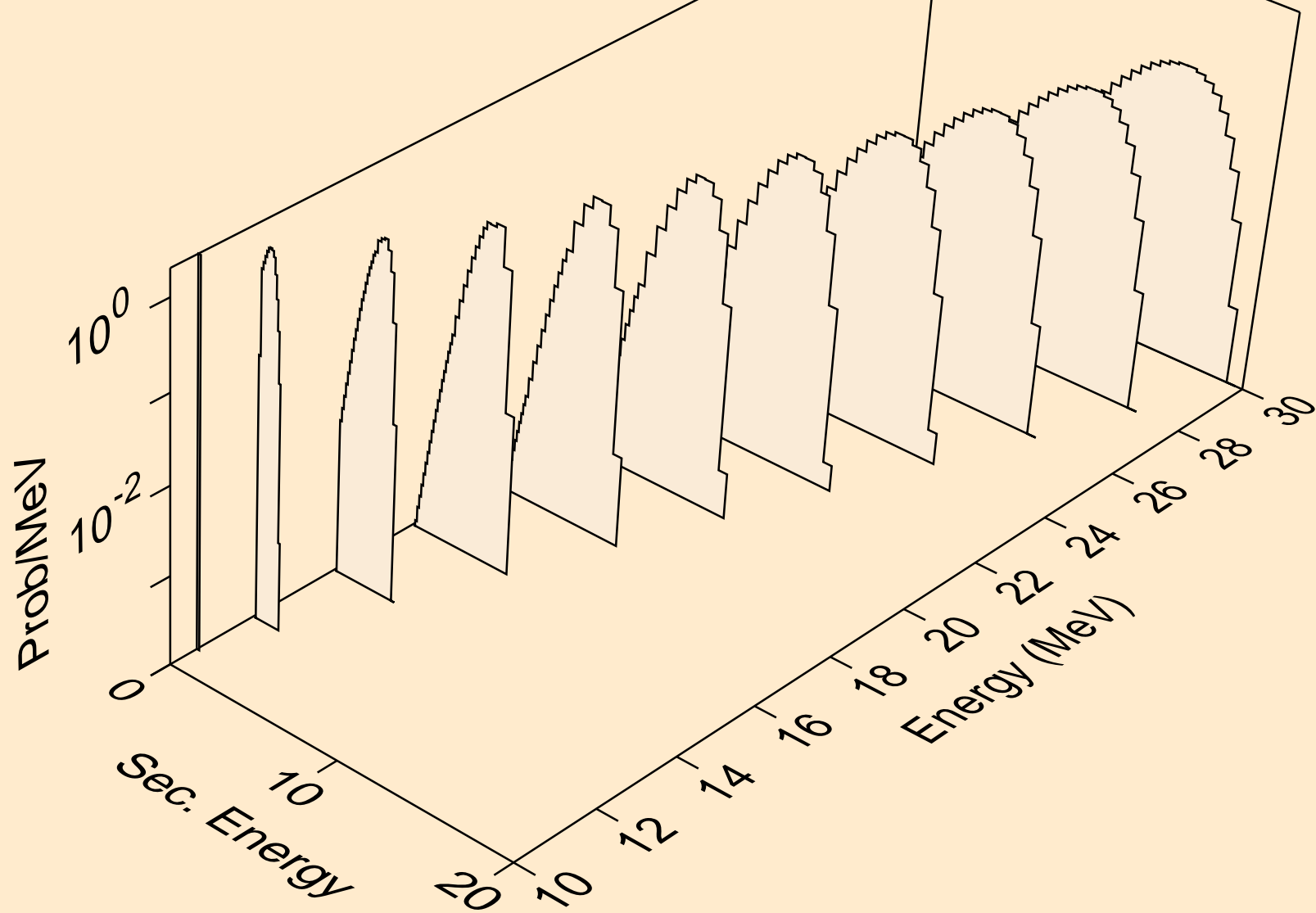
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protons from (d,n\*)p



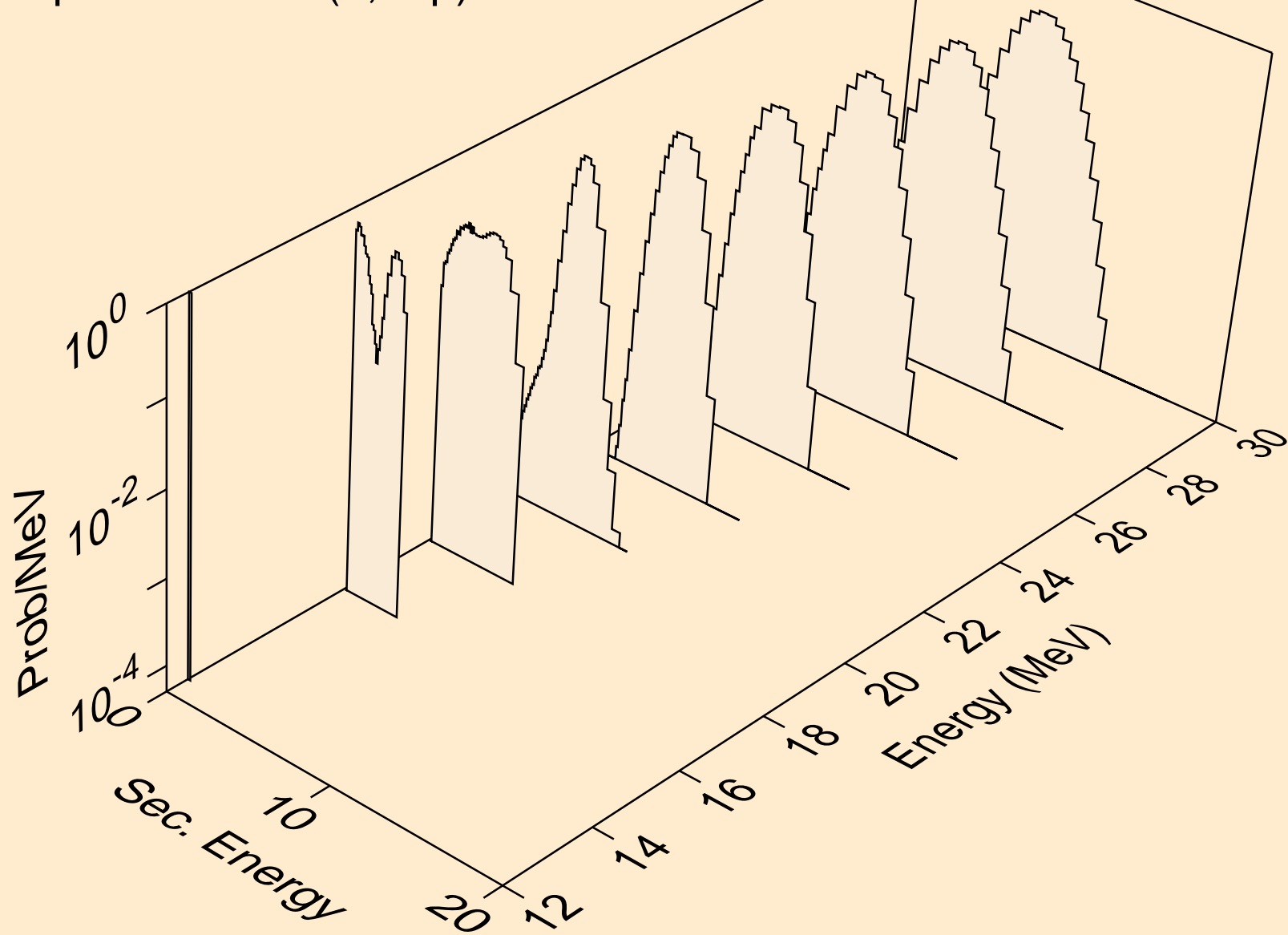
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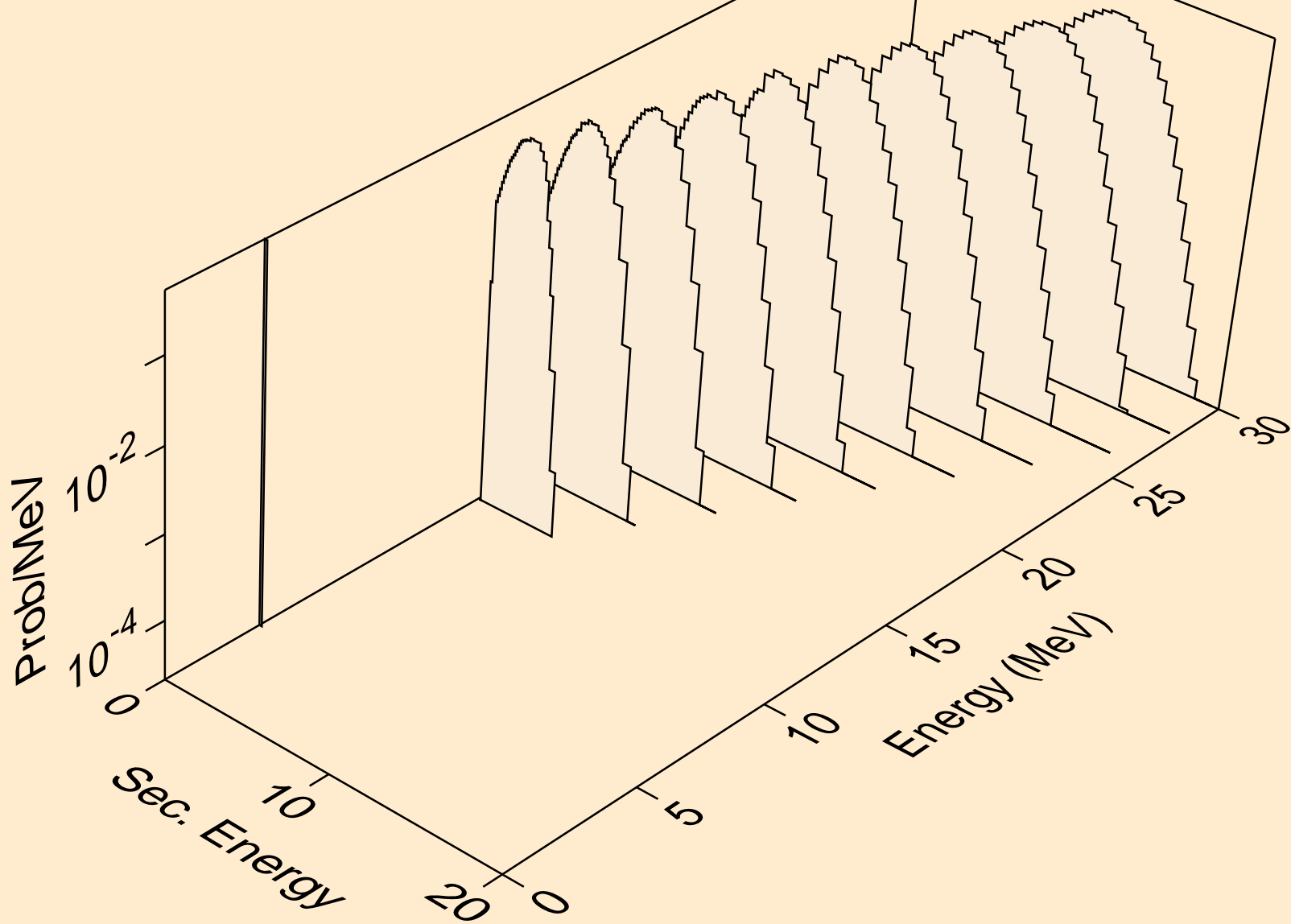
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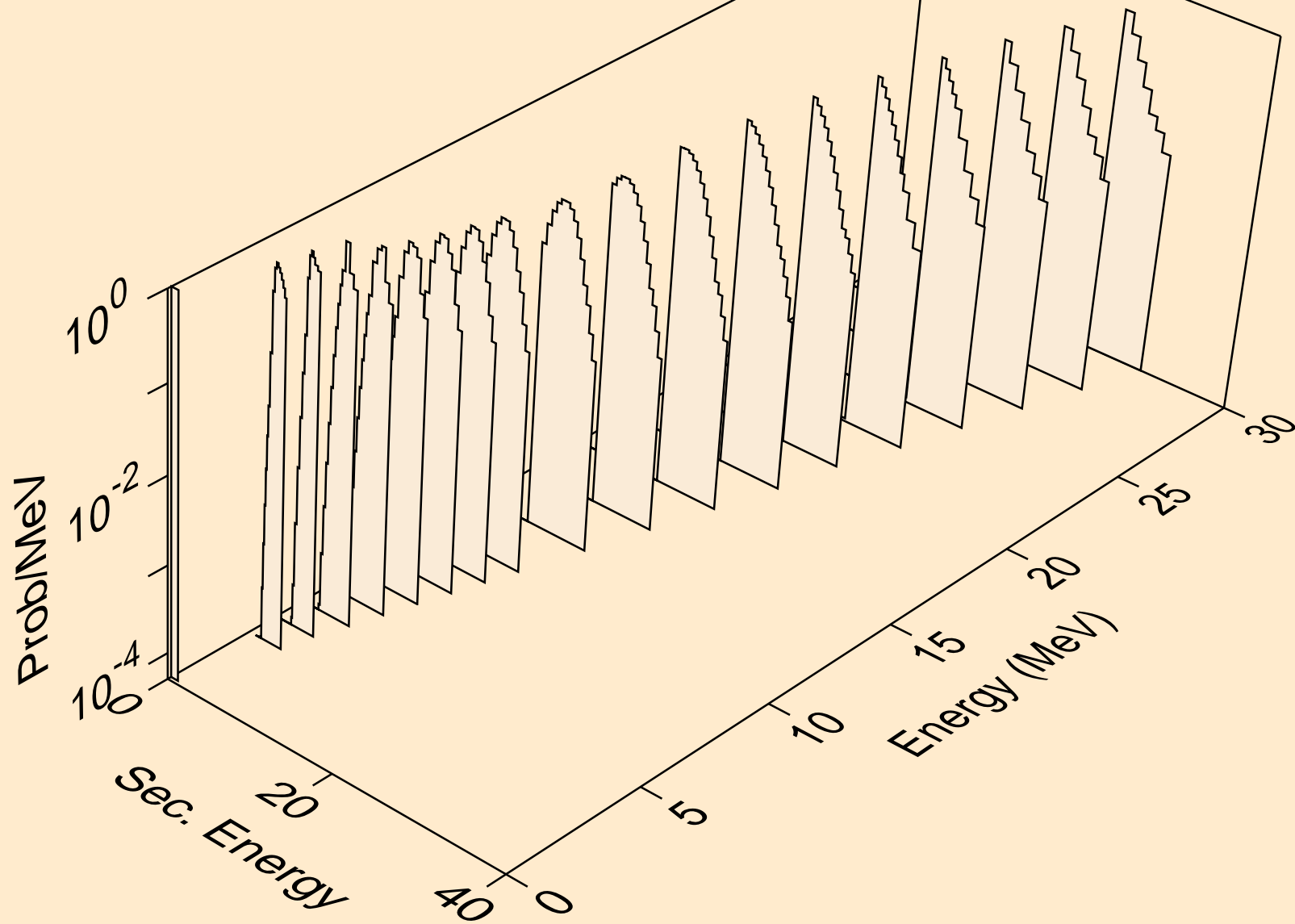
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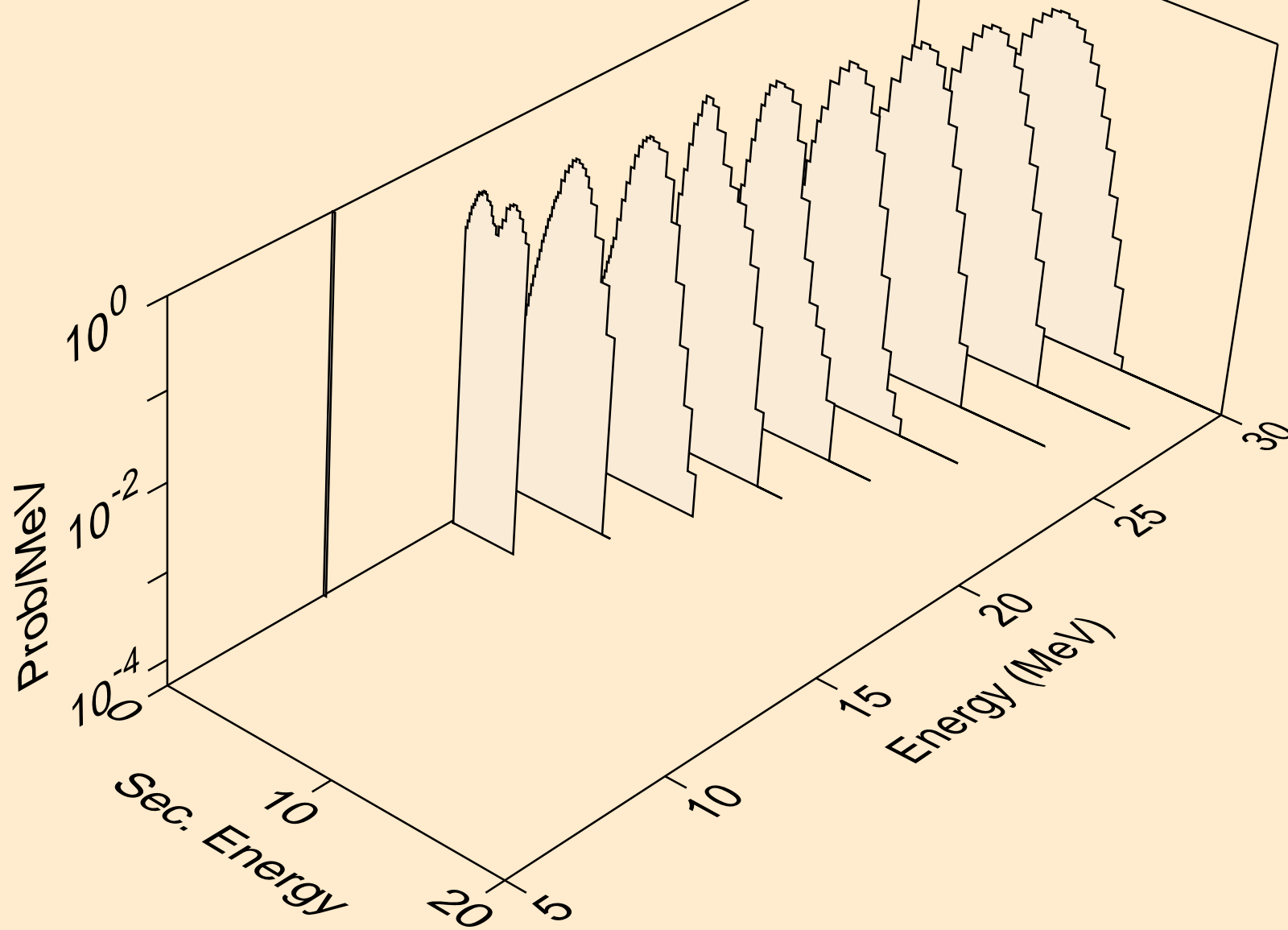
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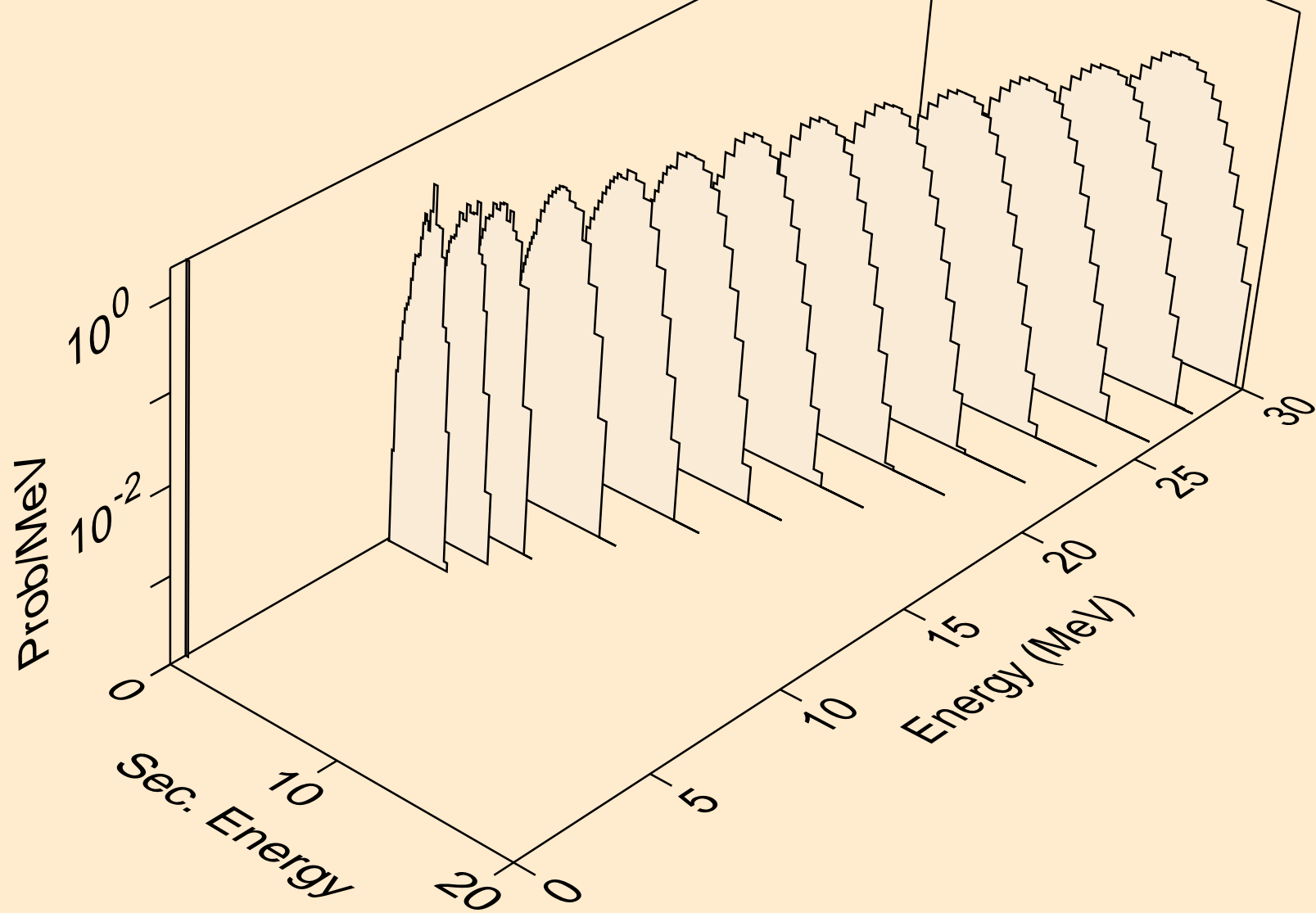
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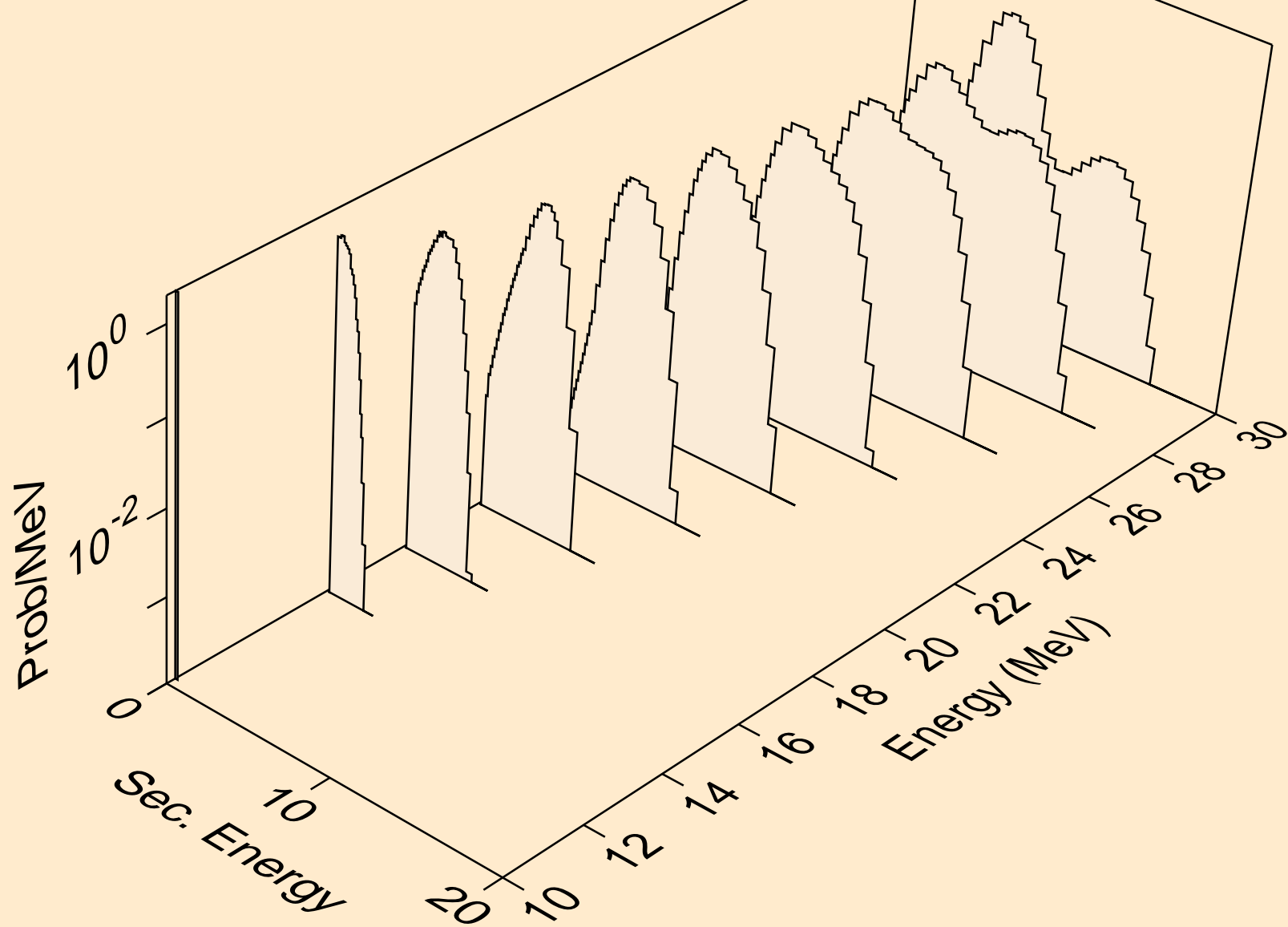
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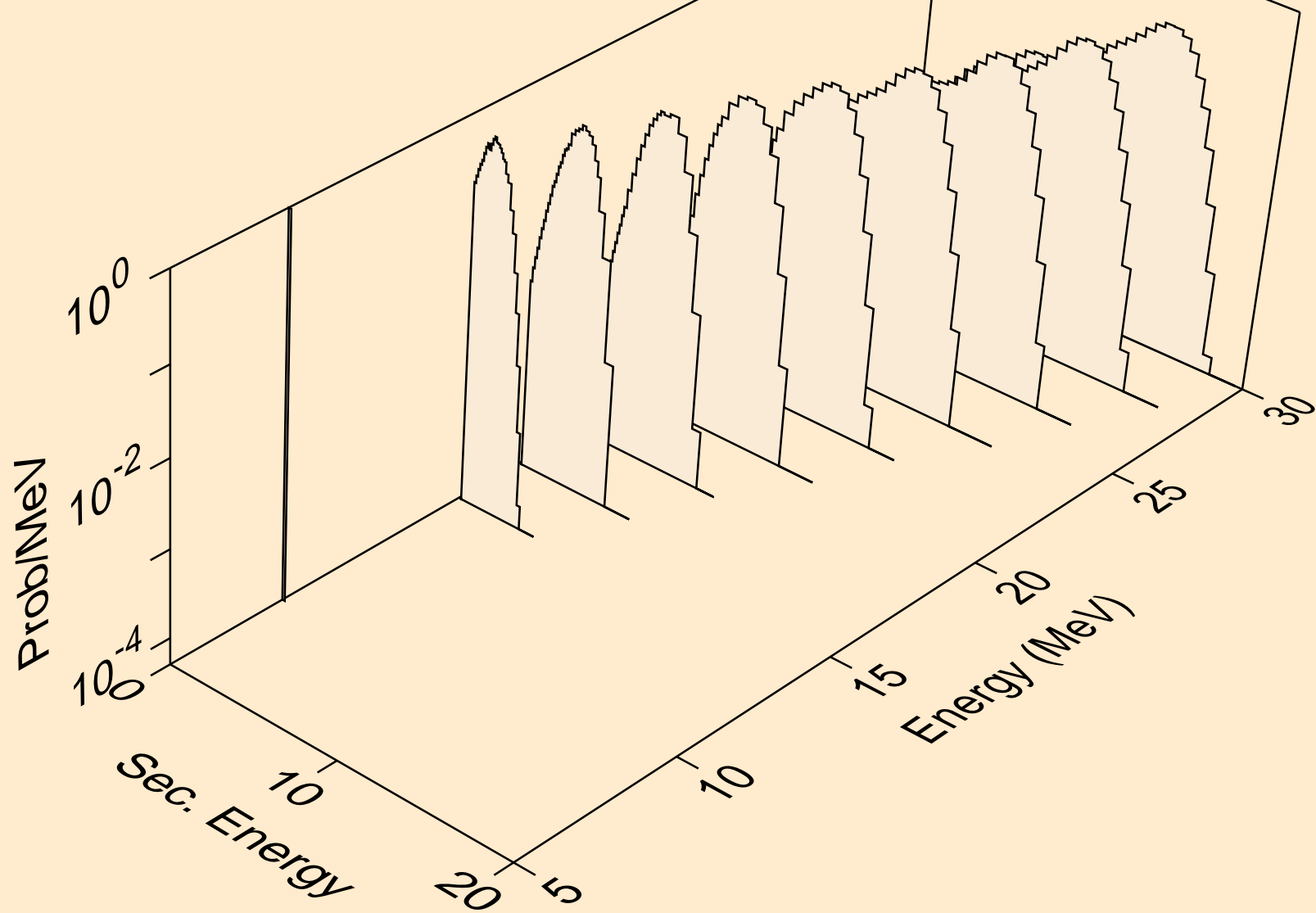
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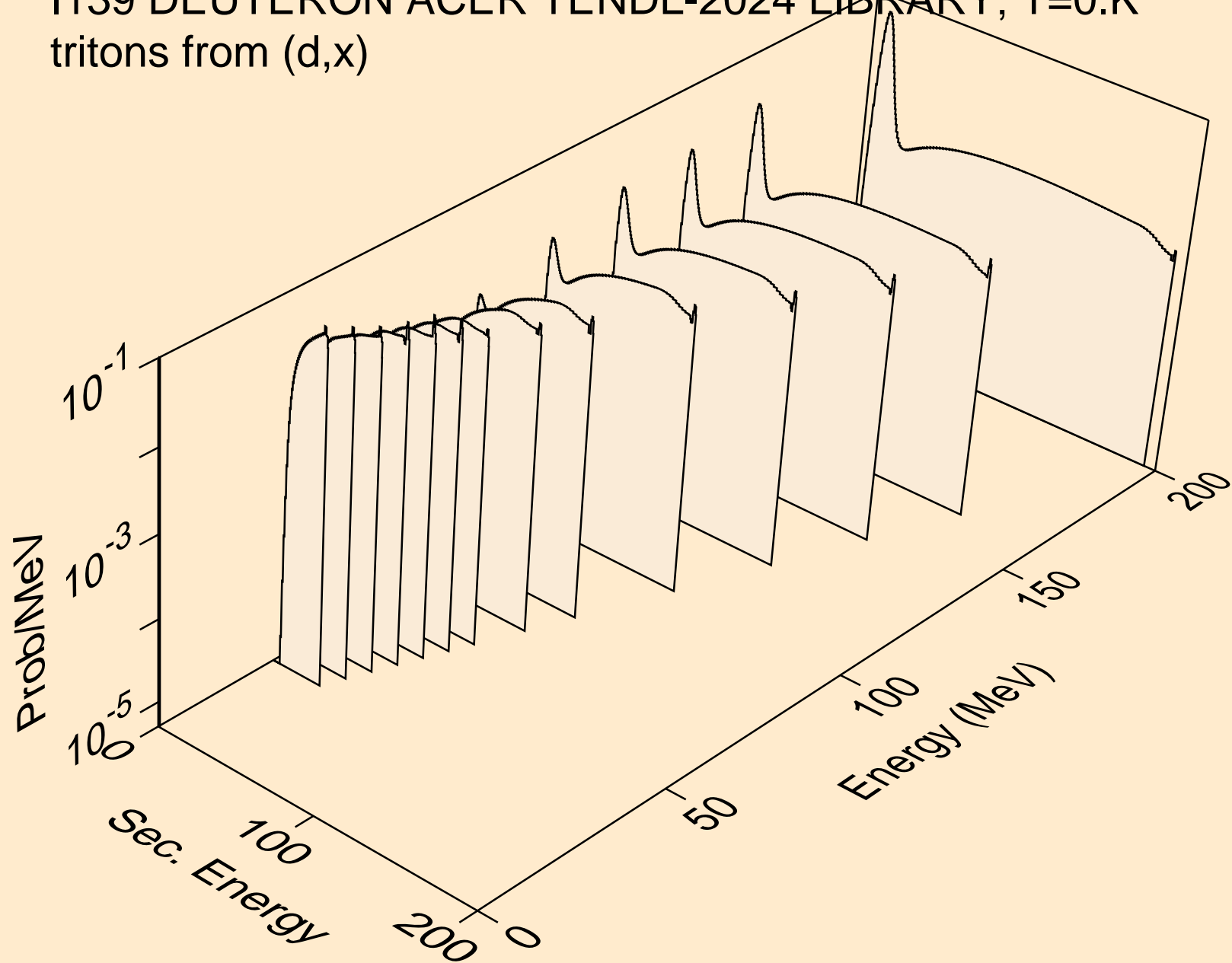
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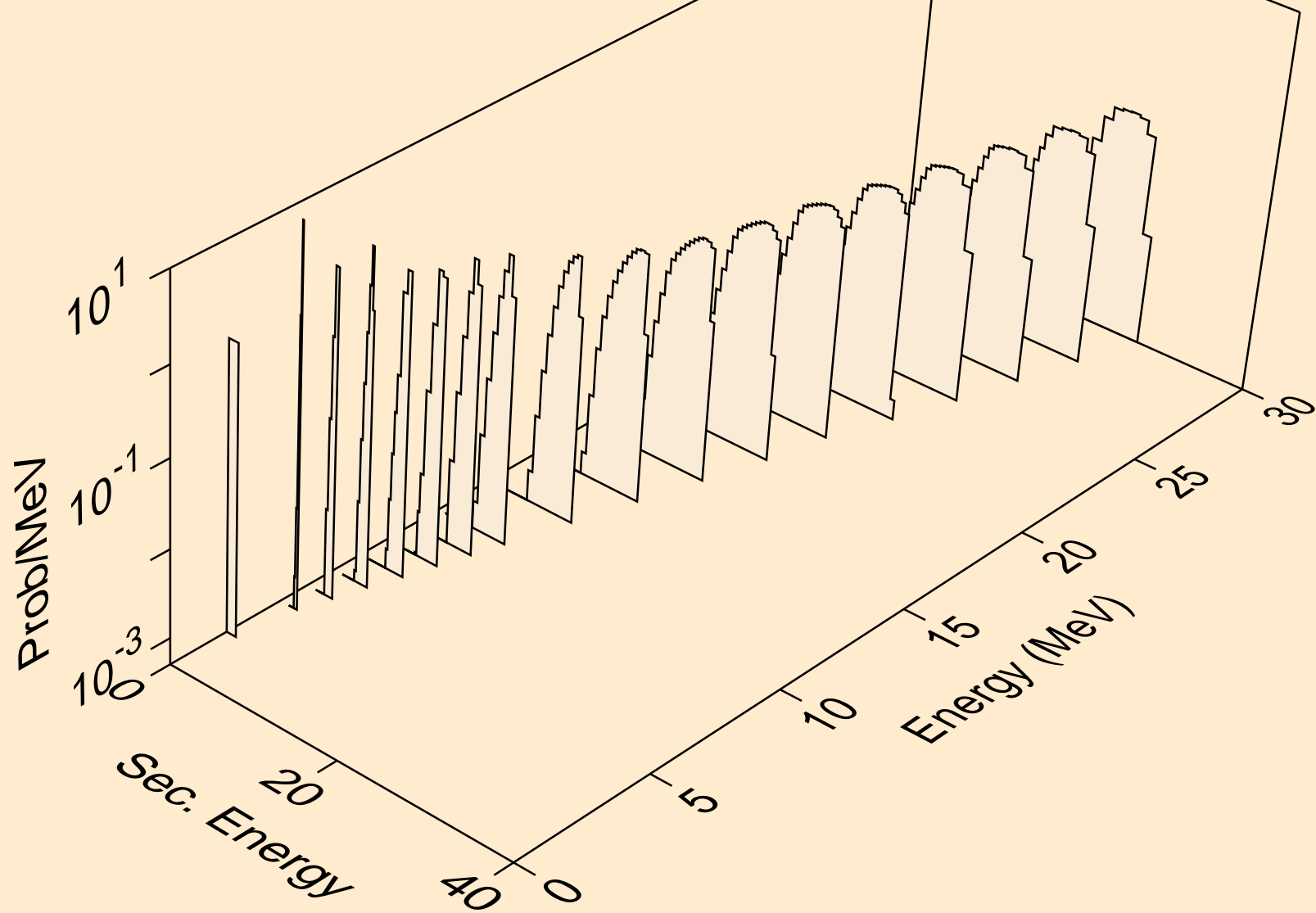
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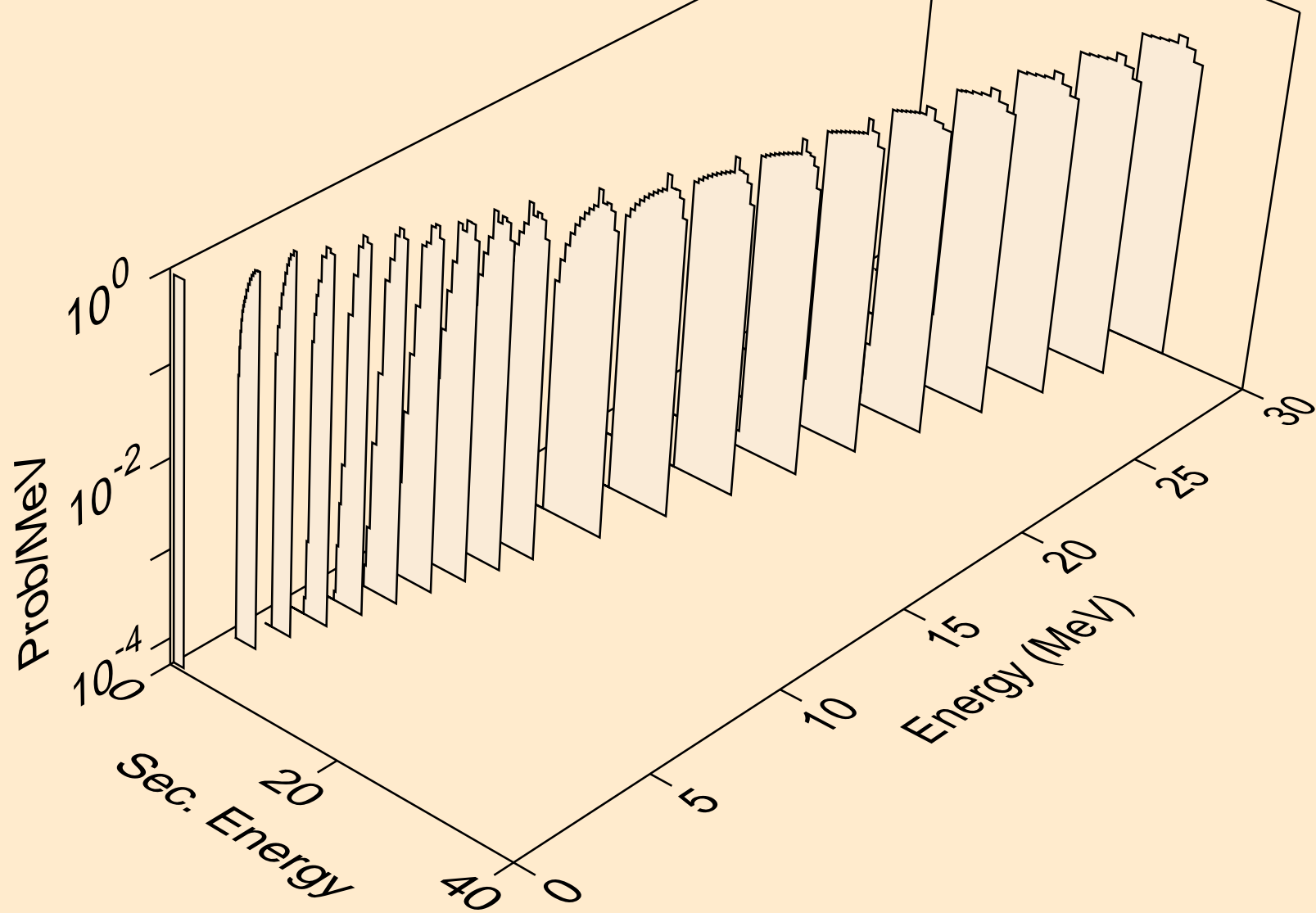
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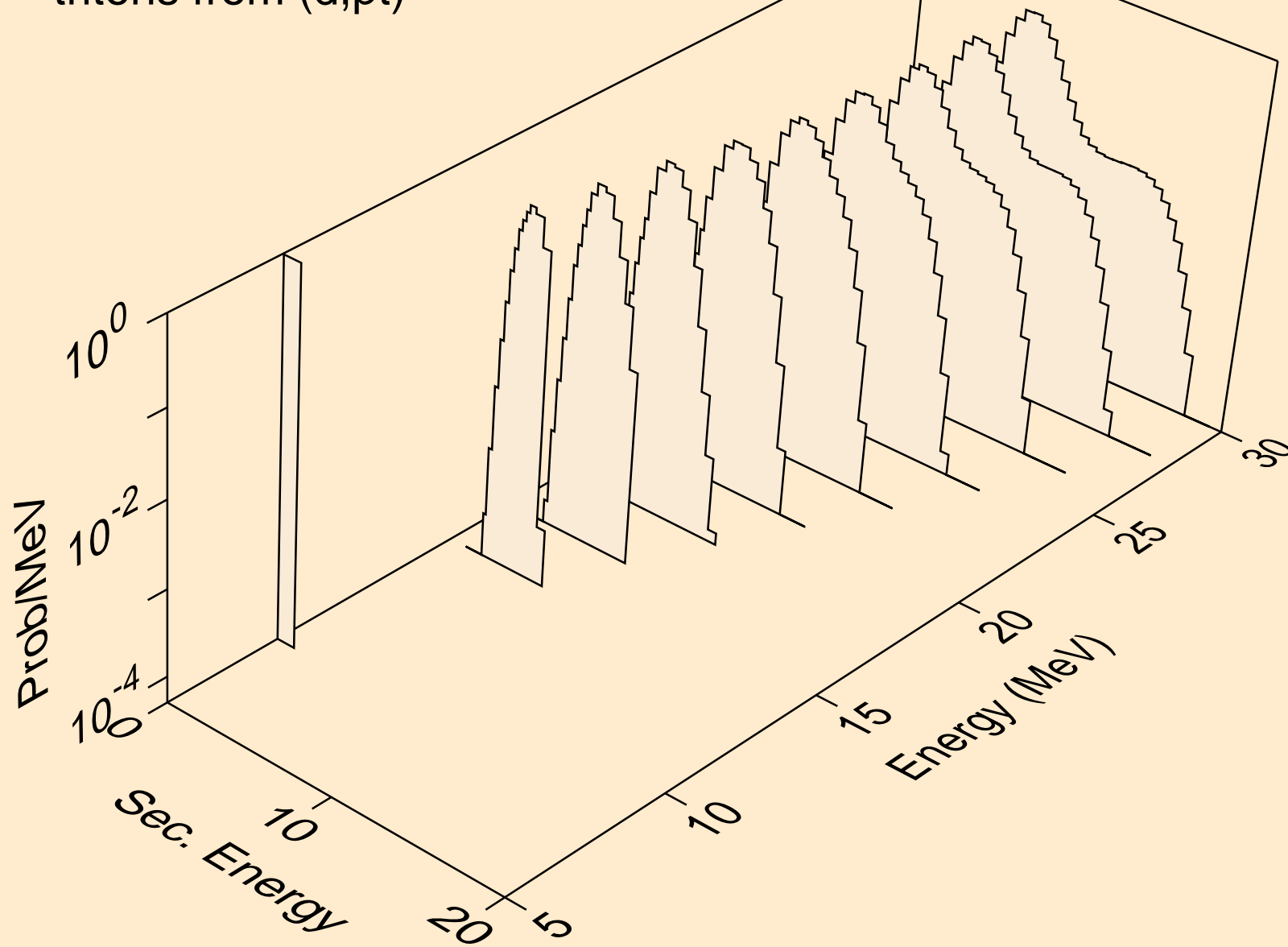
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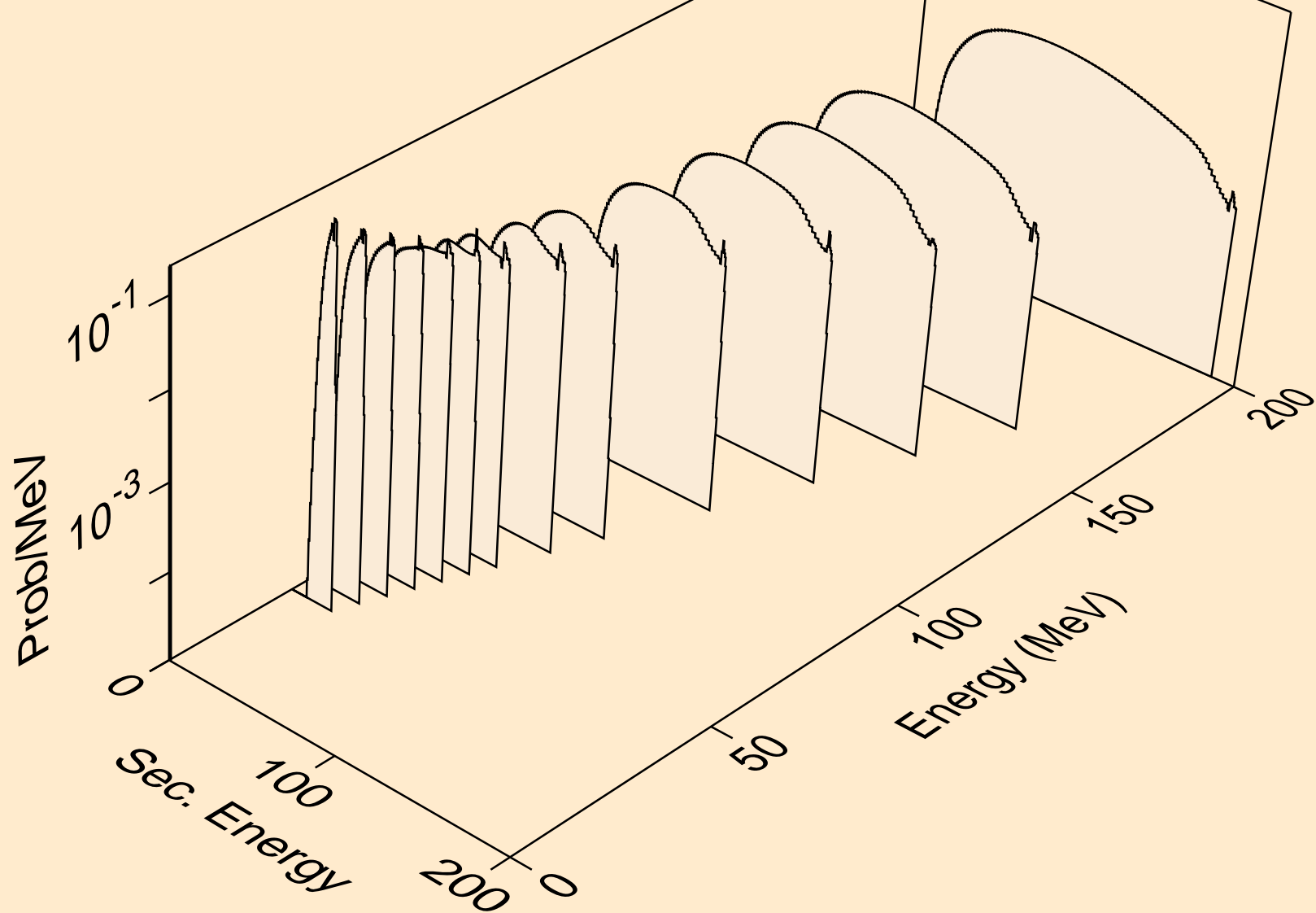
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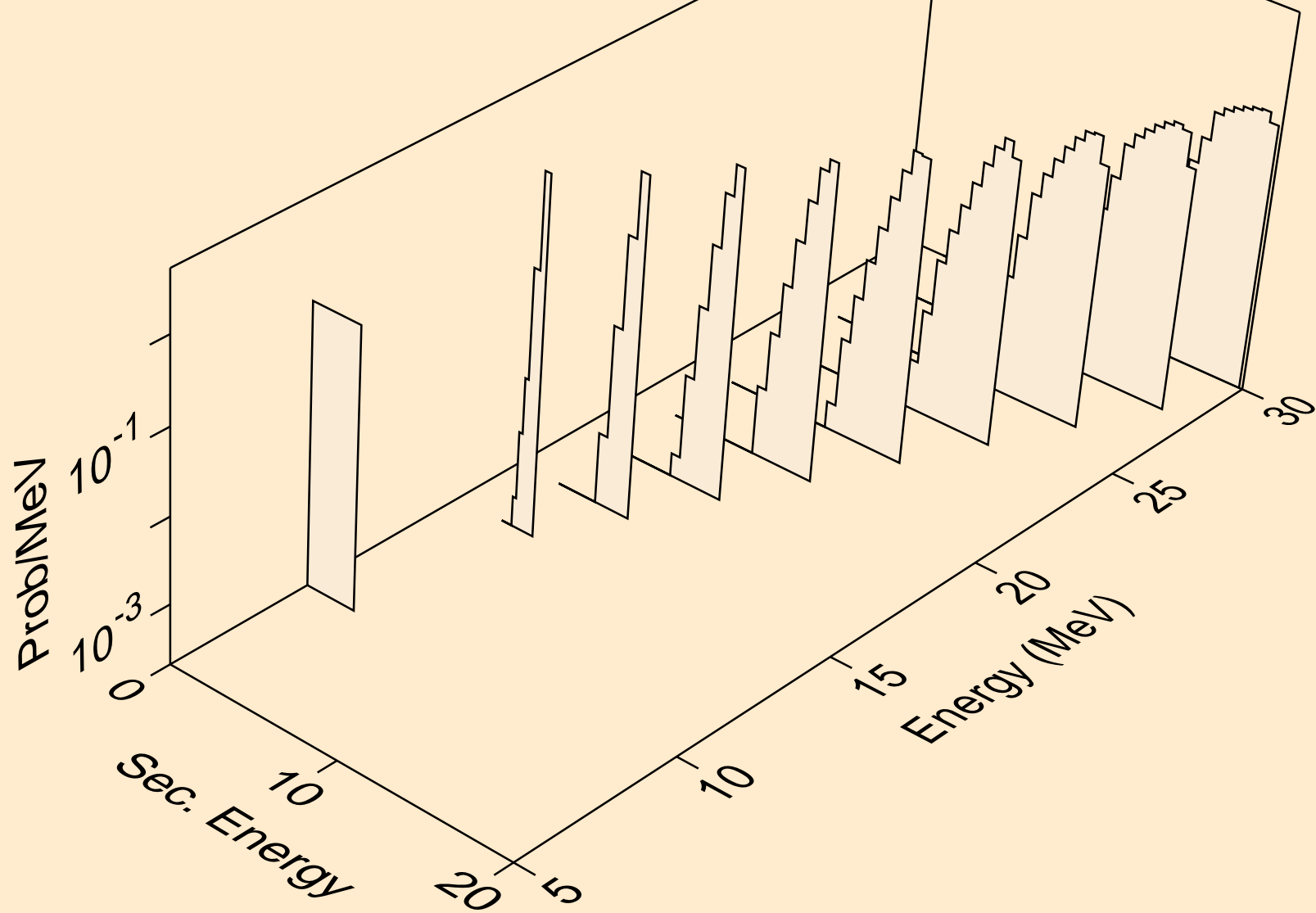
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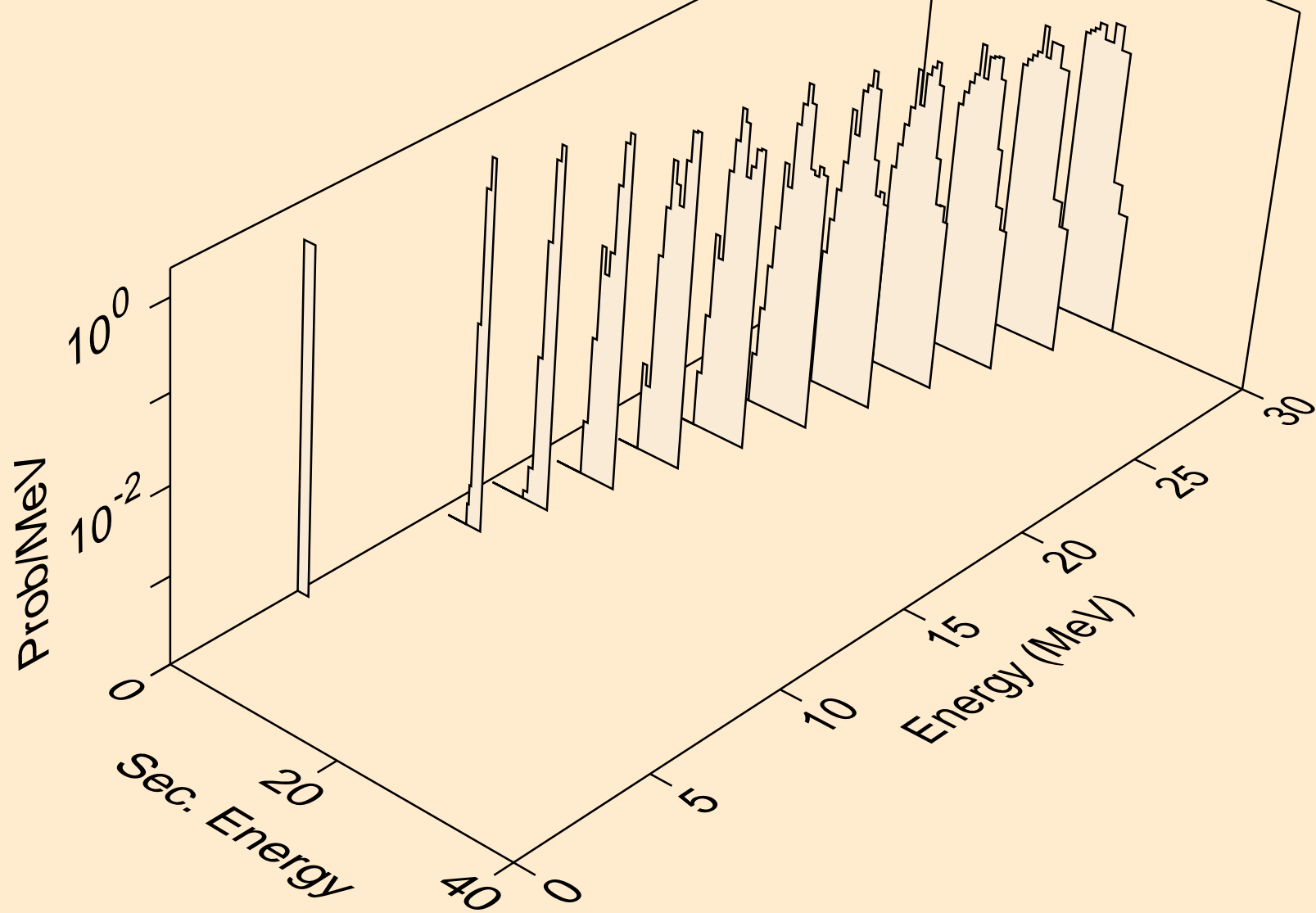
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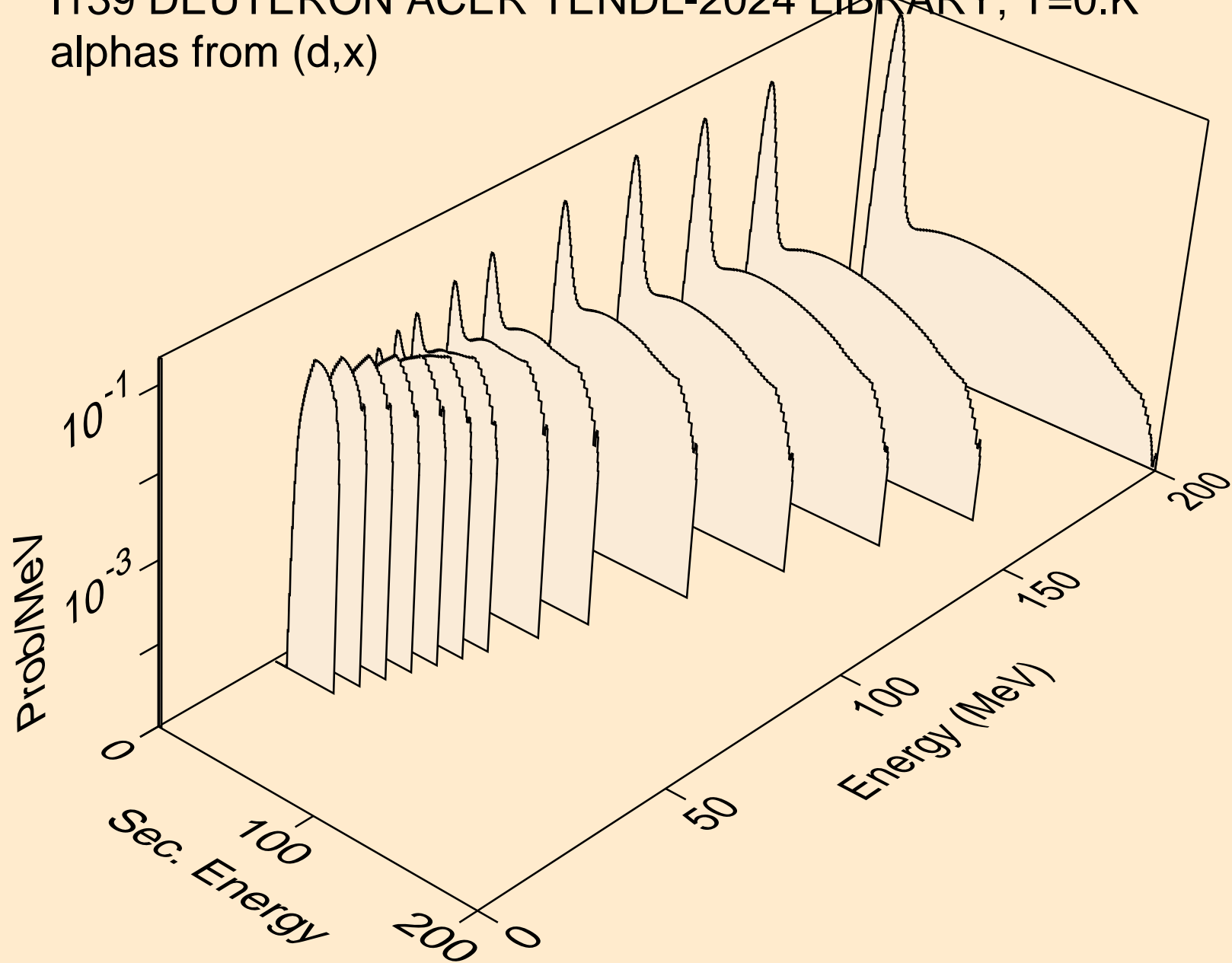
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he3s from (d,n\*)he3



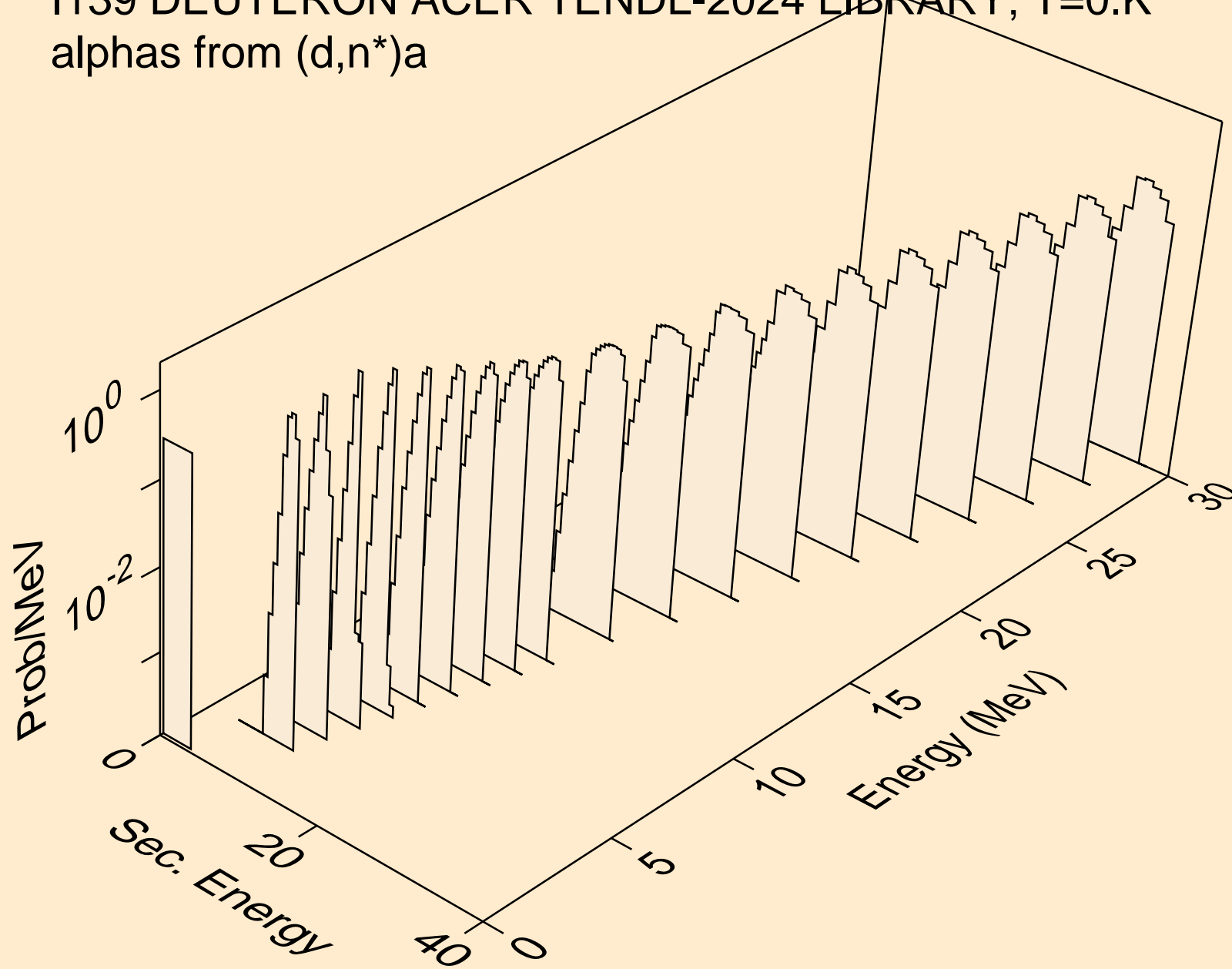
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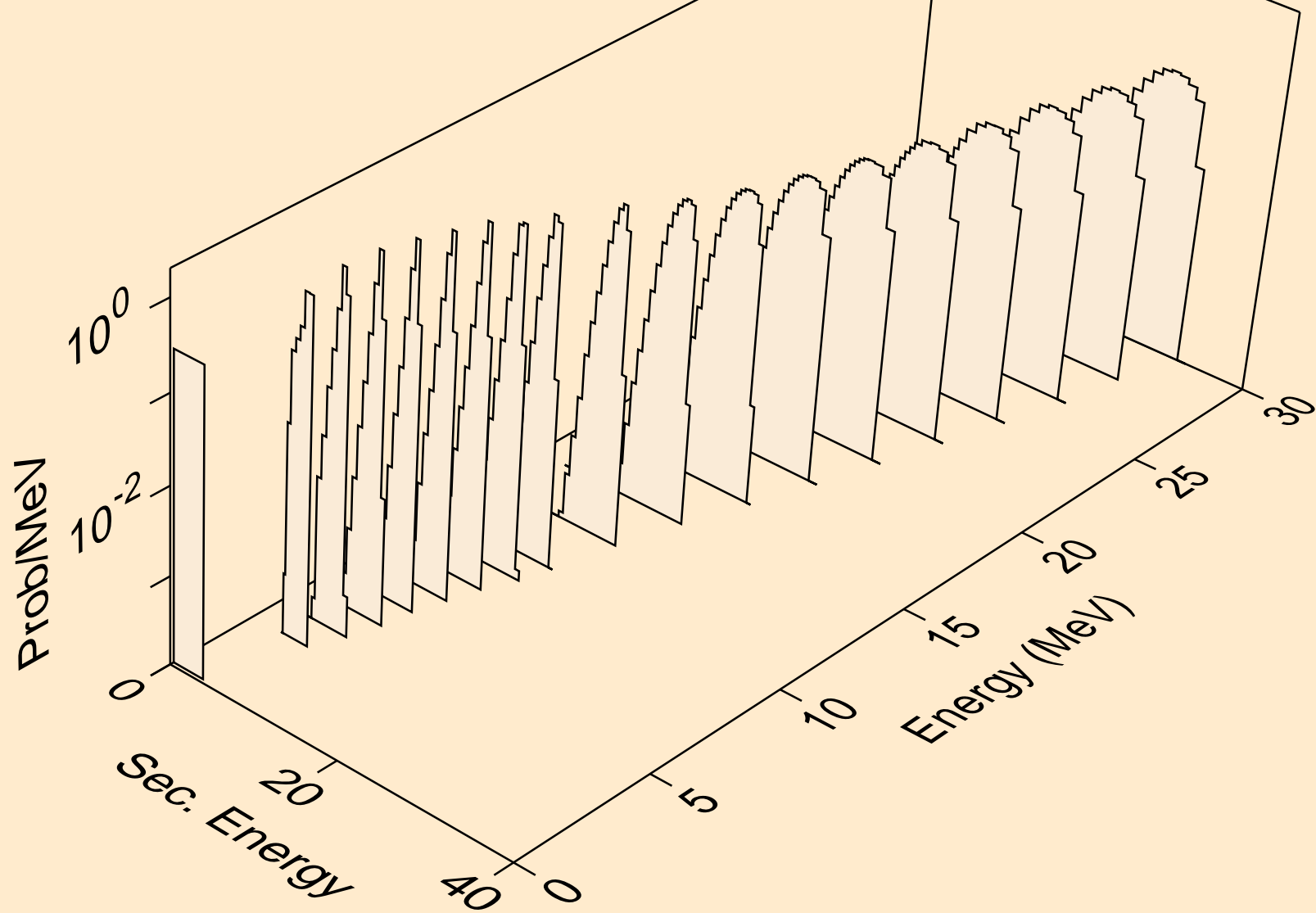
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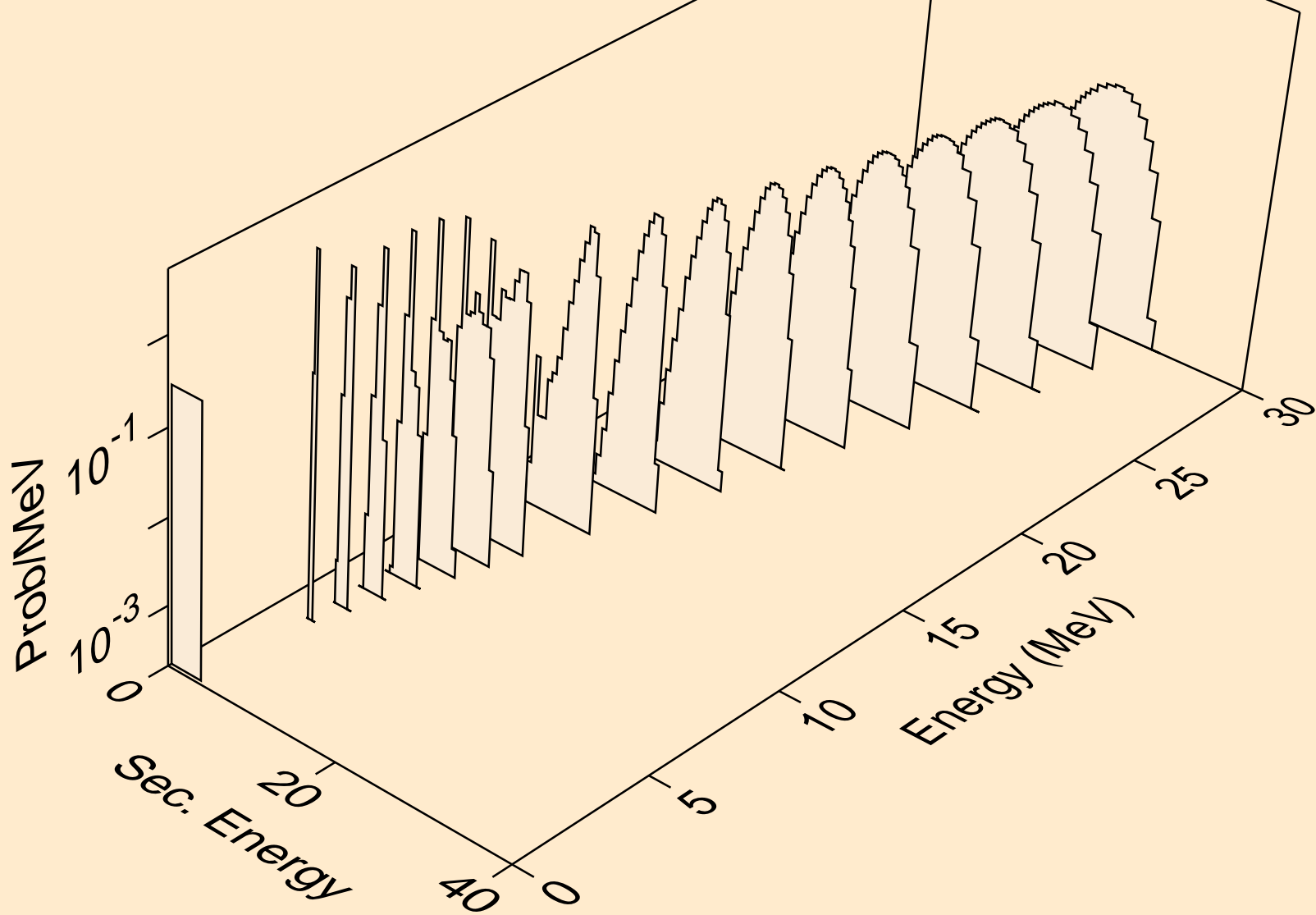
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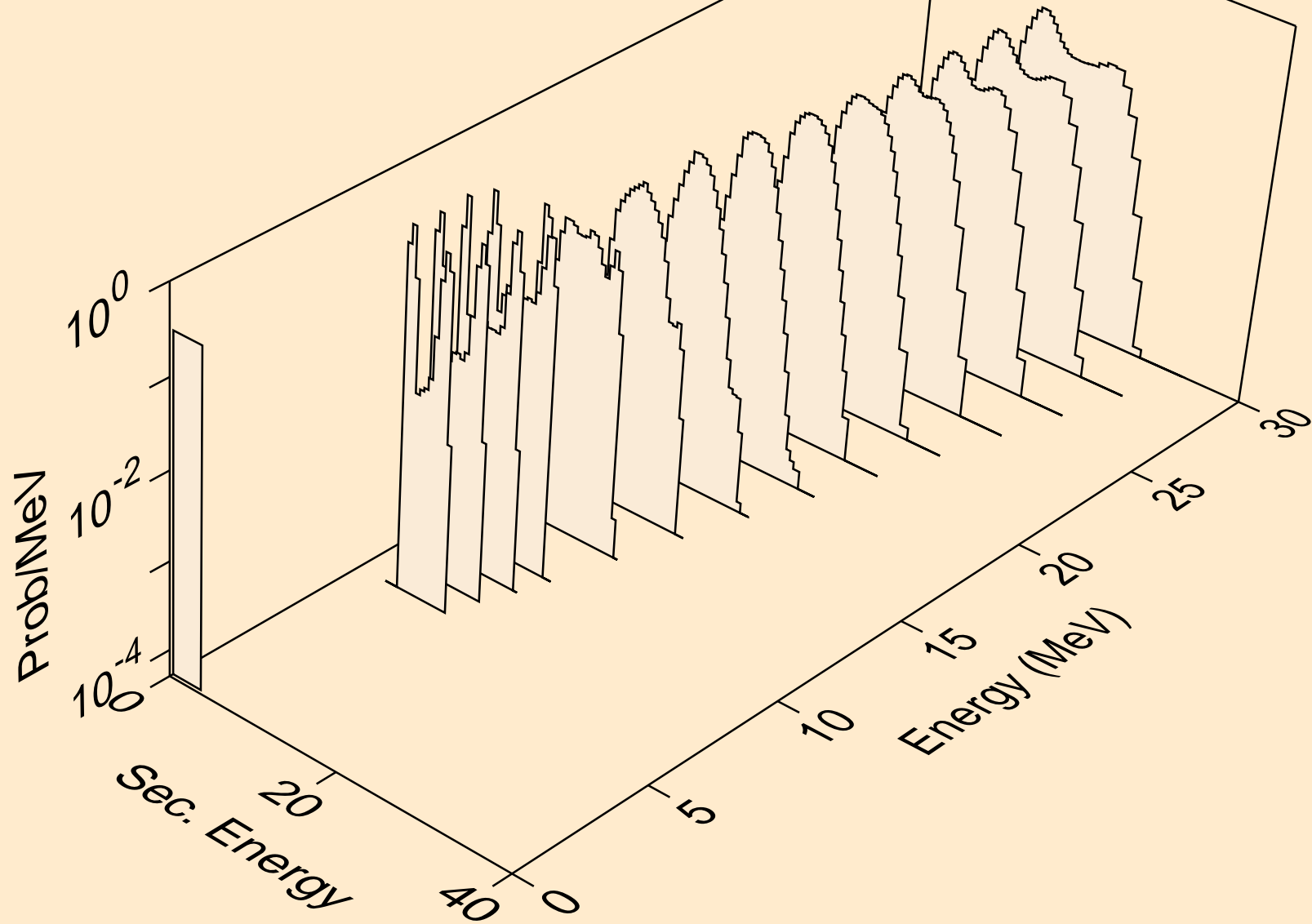
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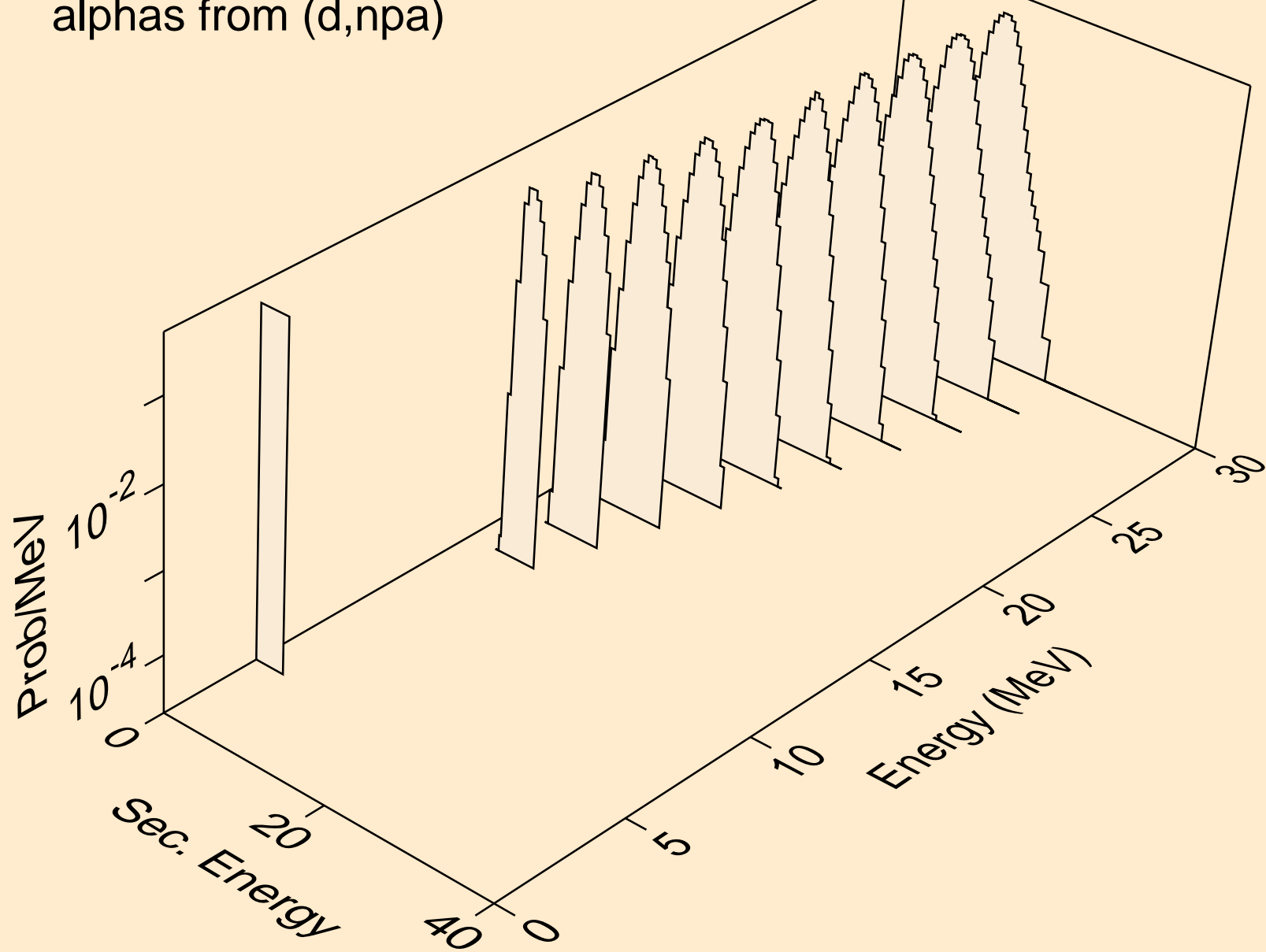
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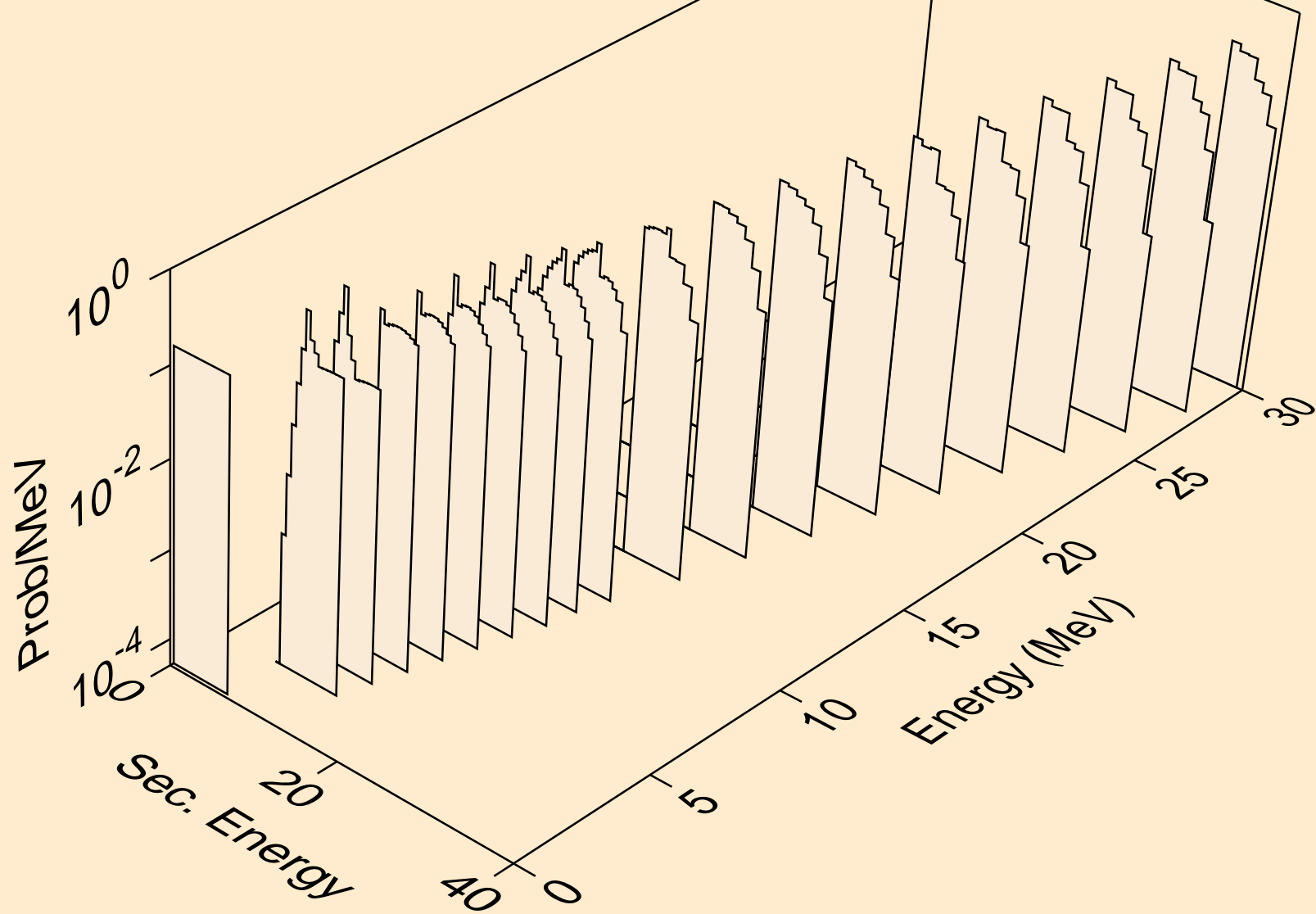
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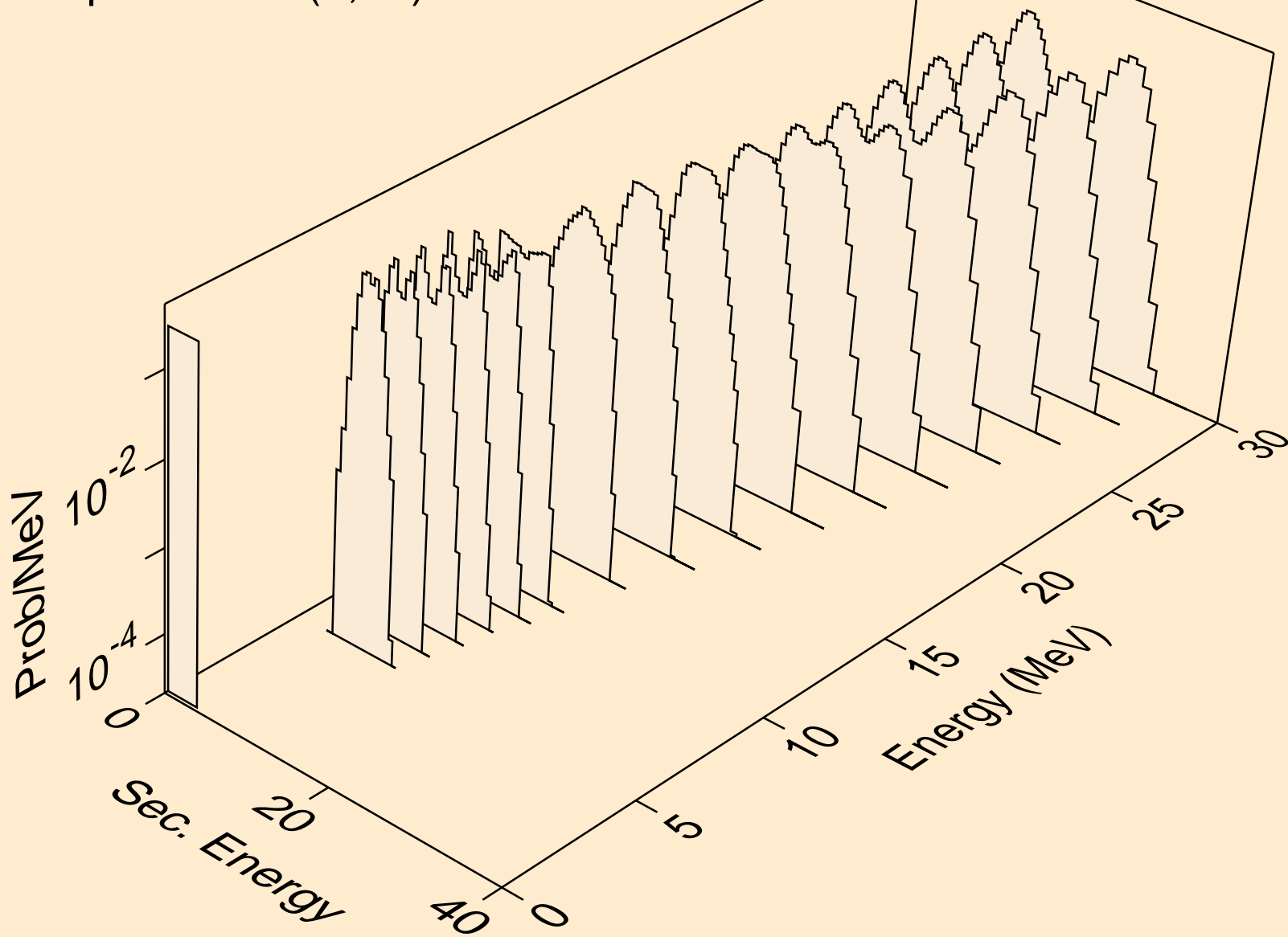
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alphas from (d,npa)



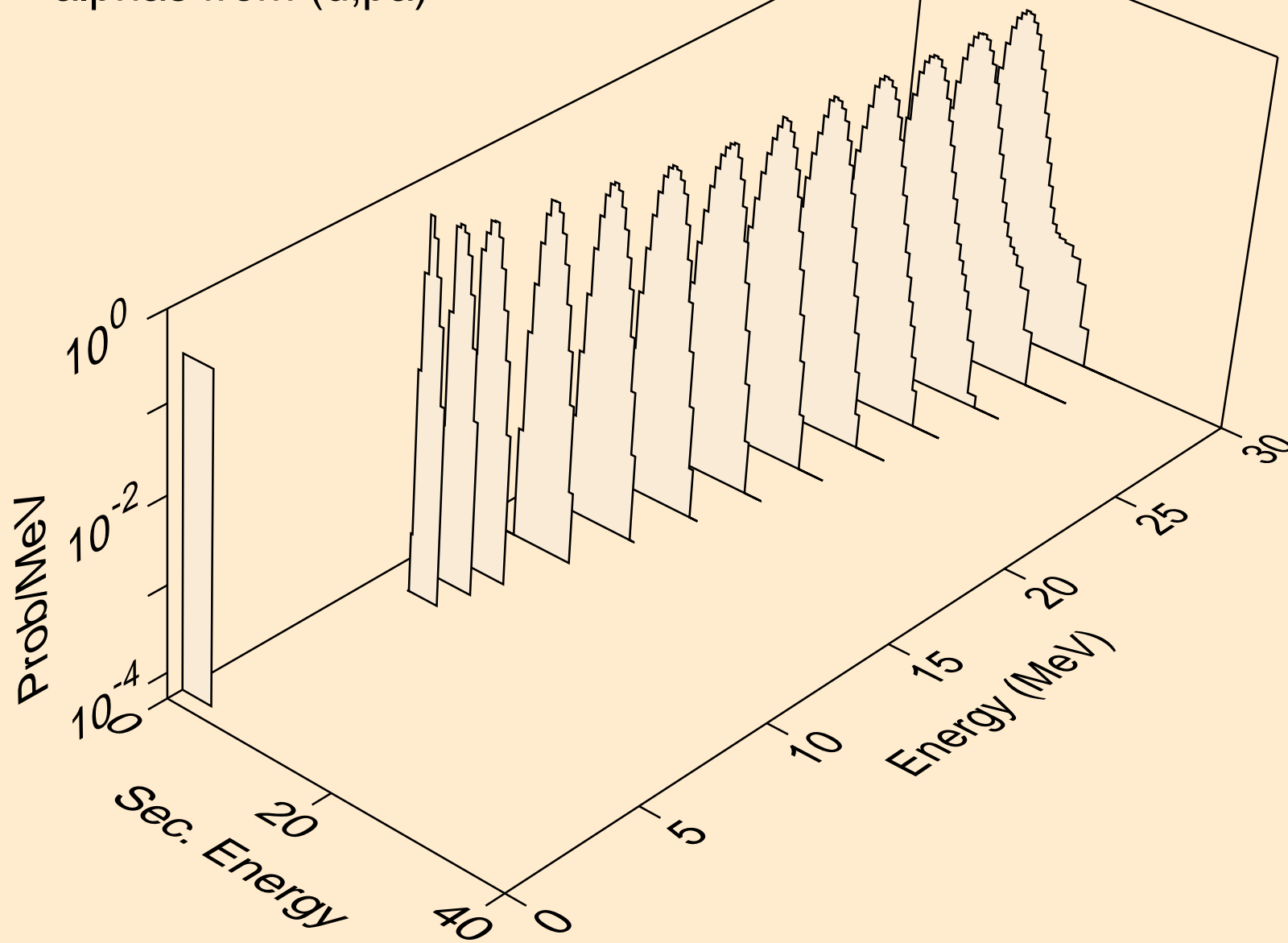
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alphas from (d,a)



I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,2a)



I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,pa)



I139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,da)

