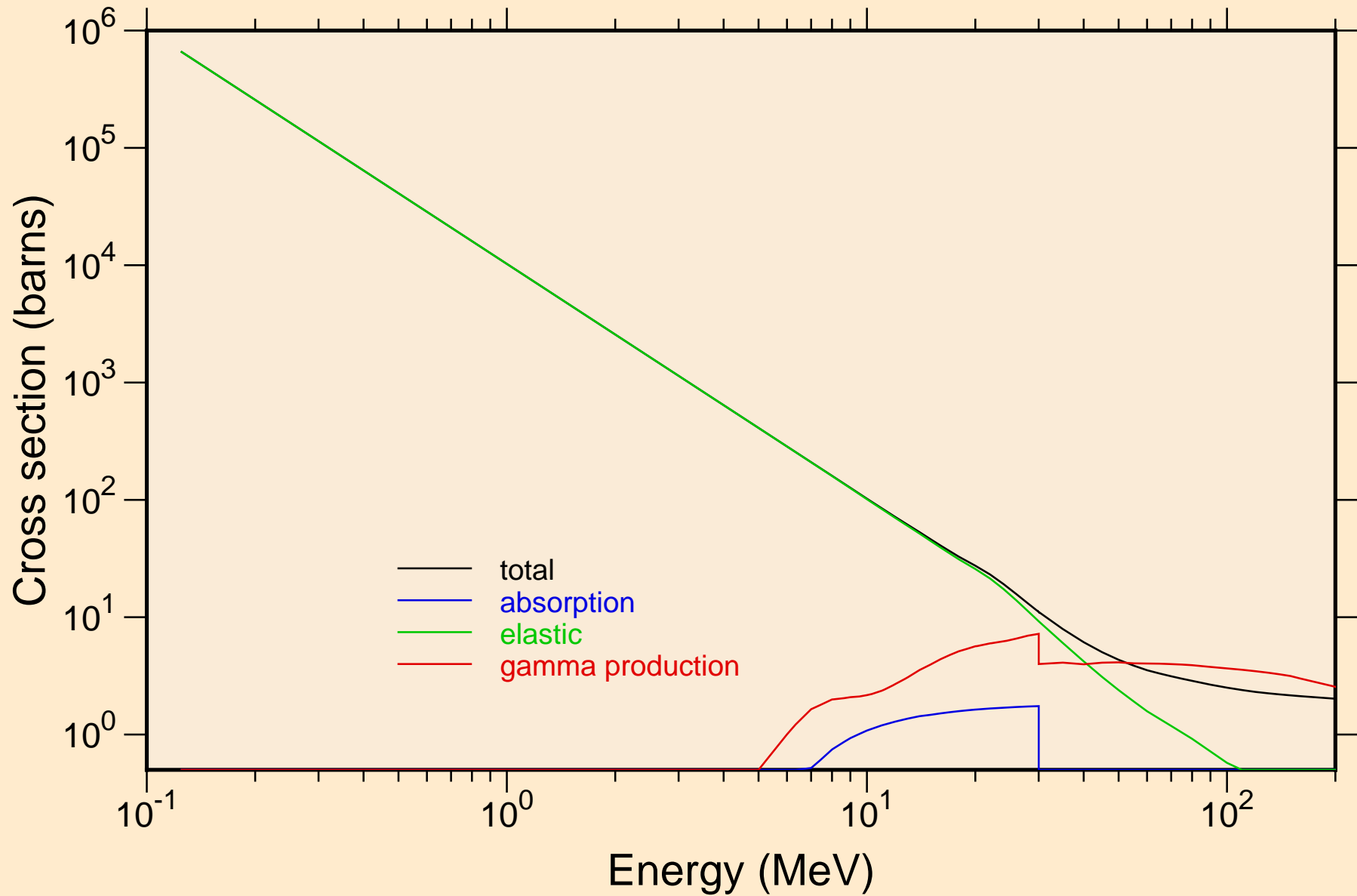


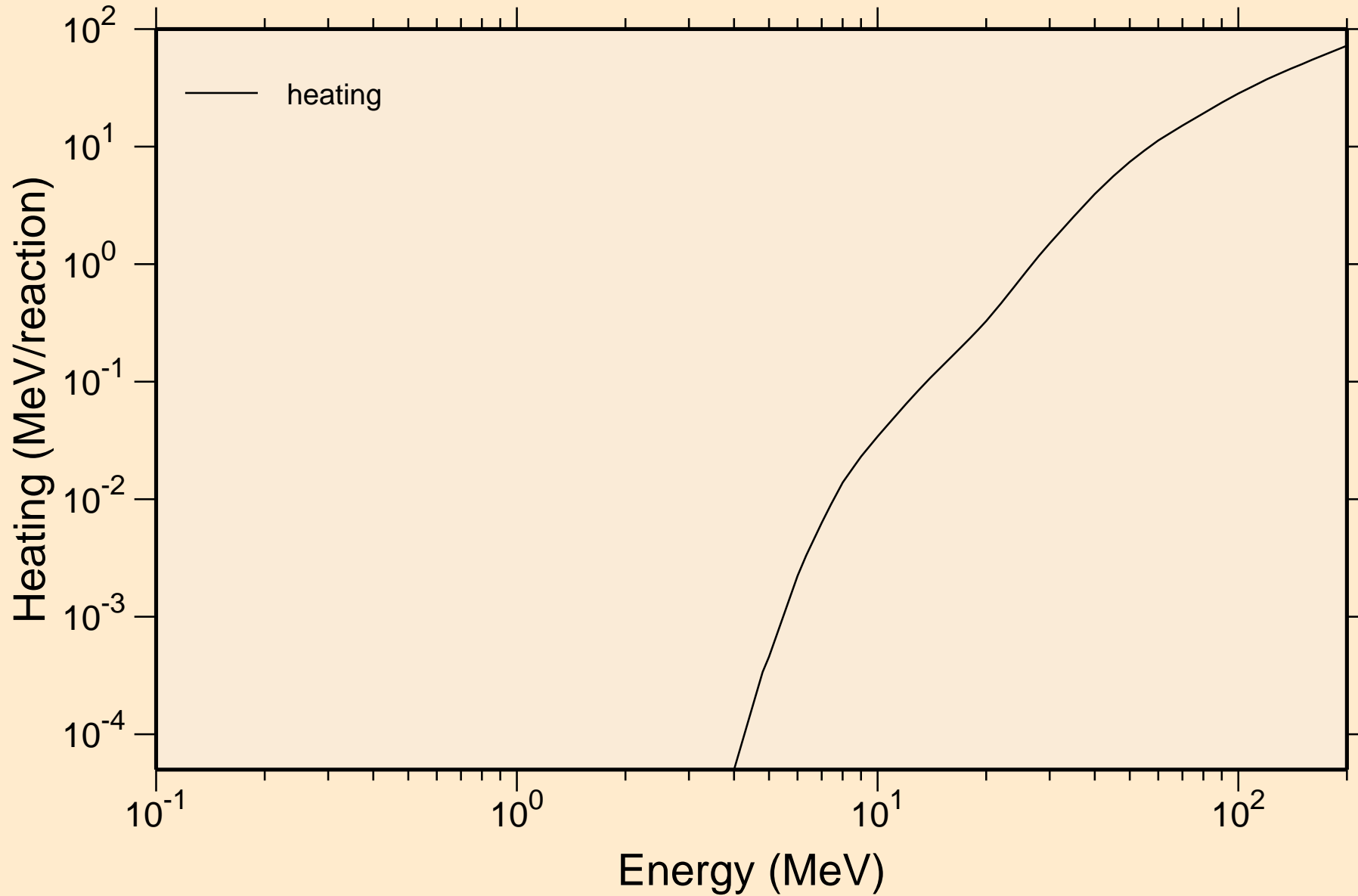
# ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



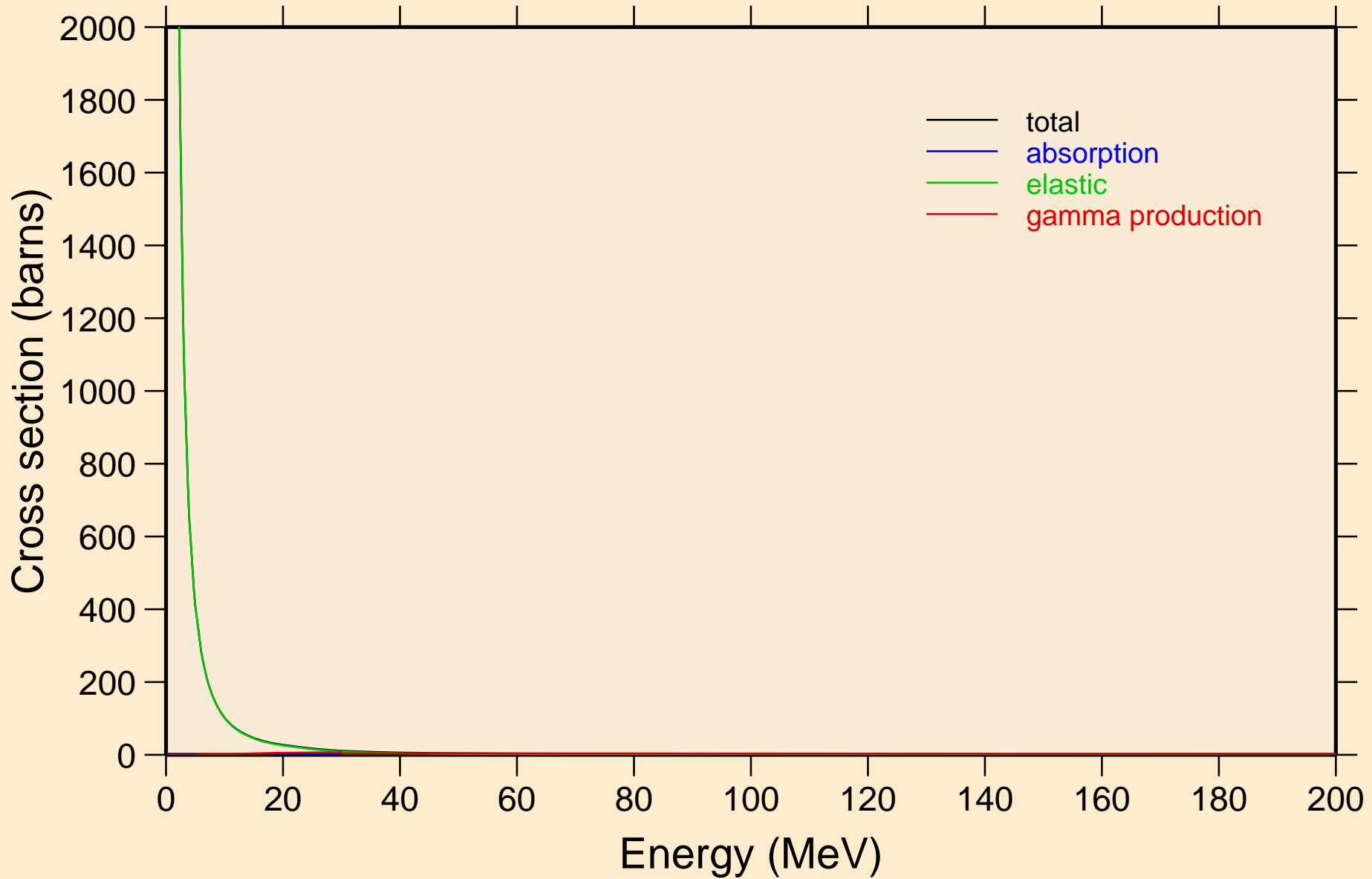
# ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



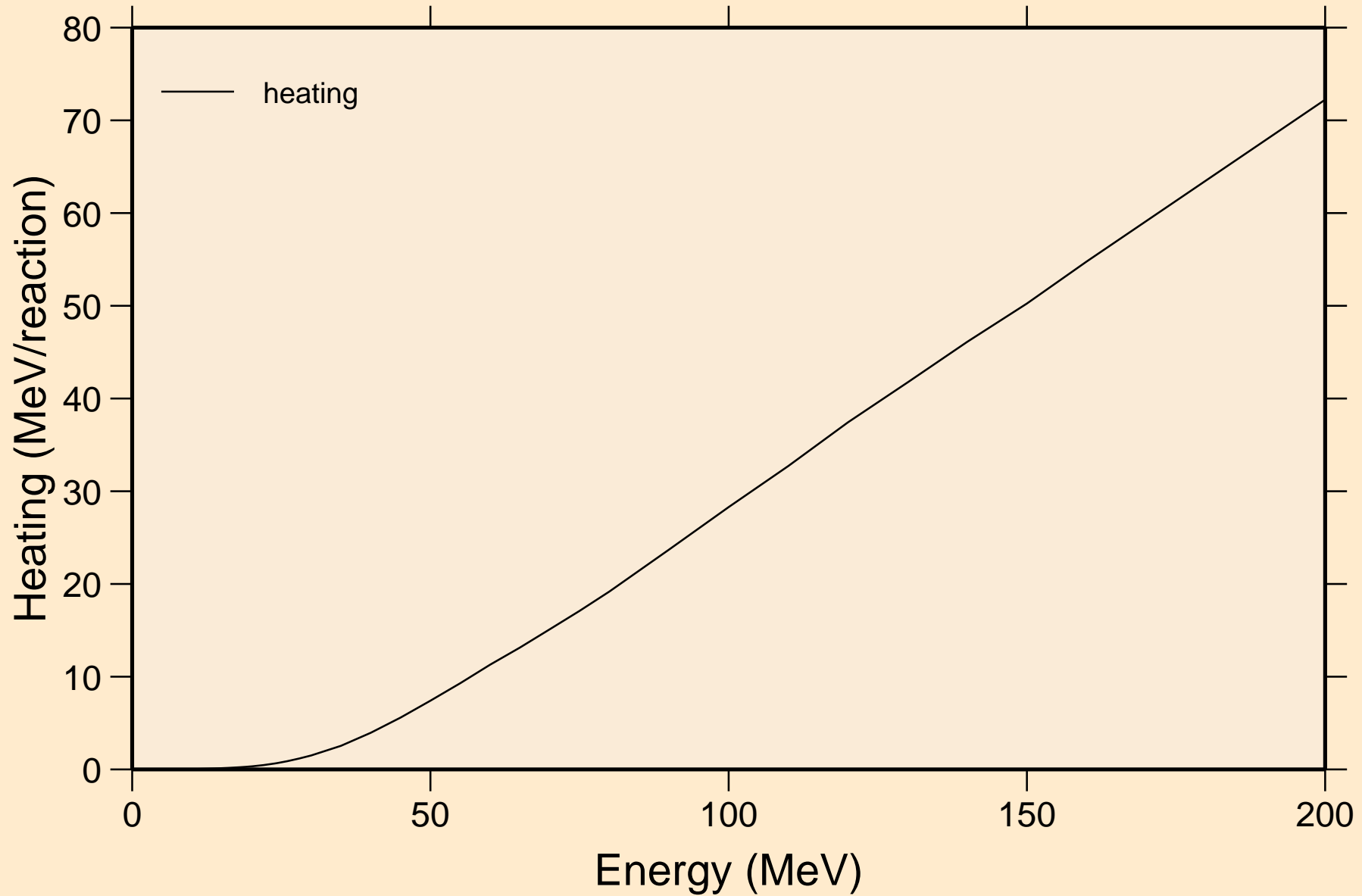
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## Principal cross sections



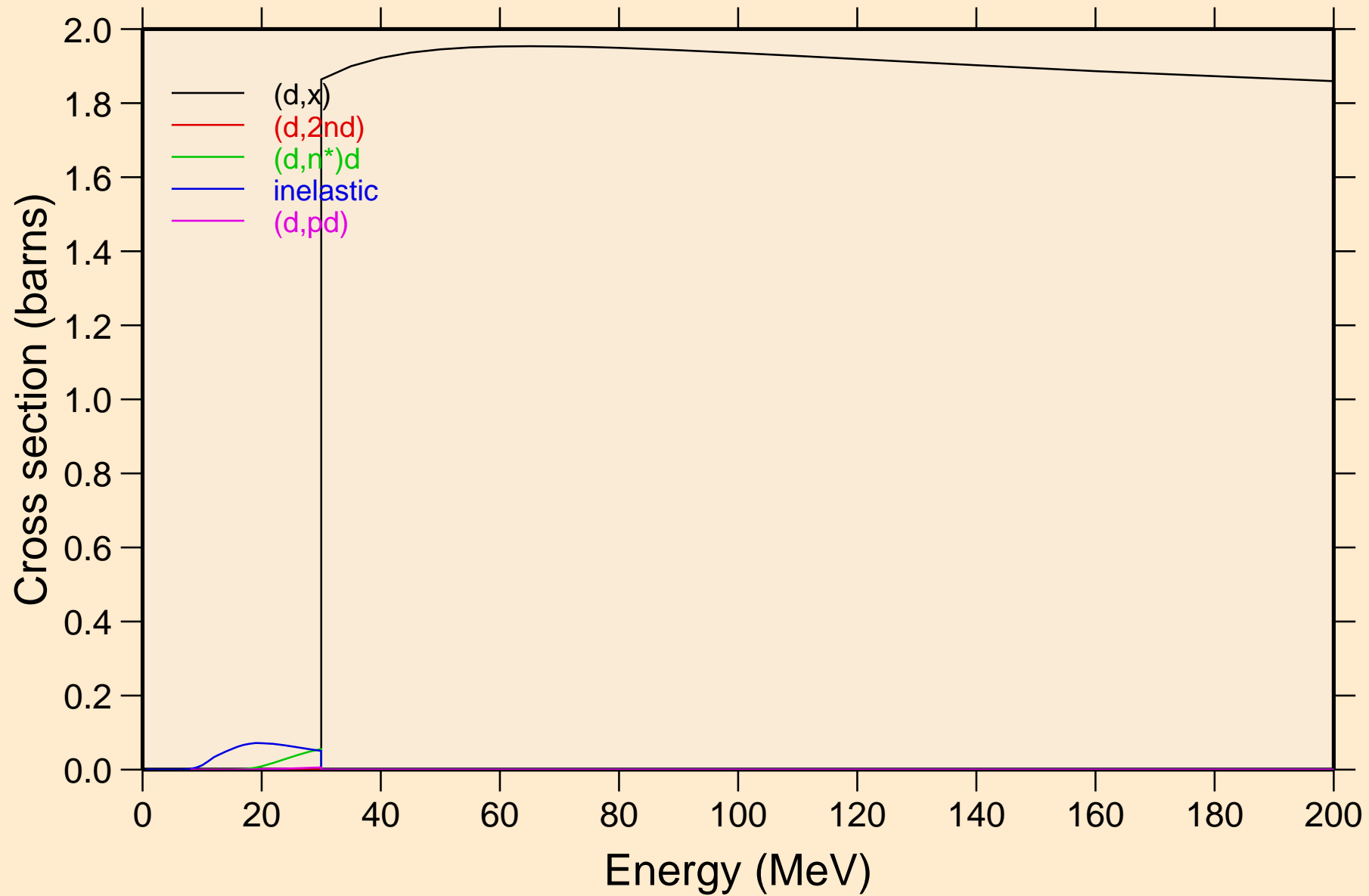
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Heating

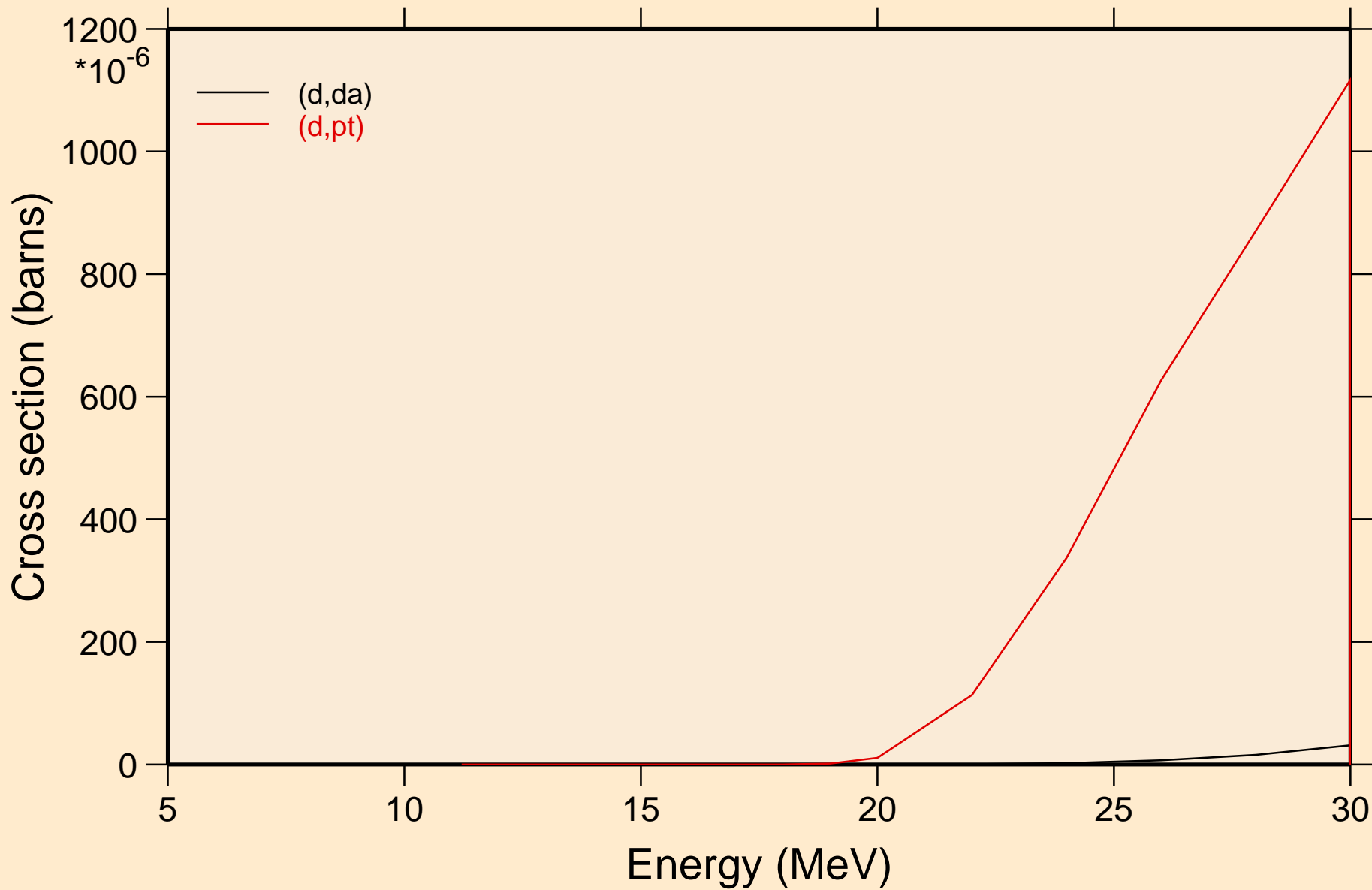


# ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

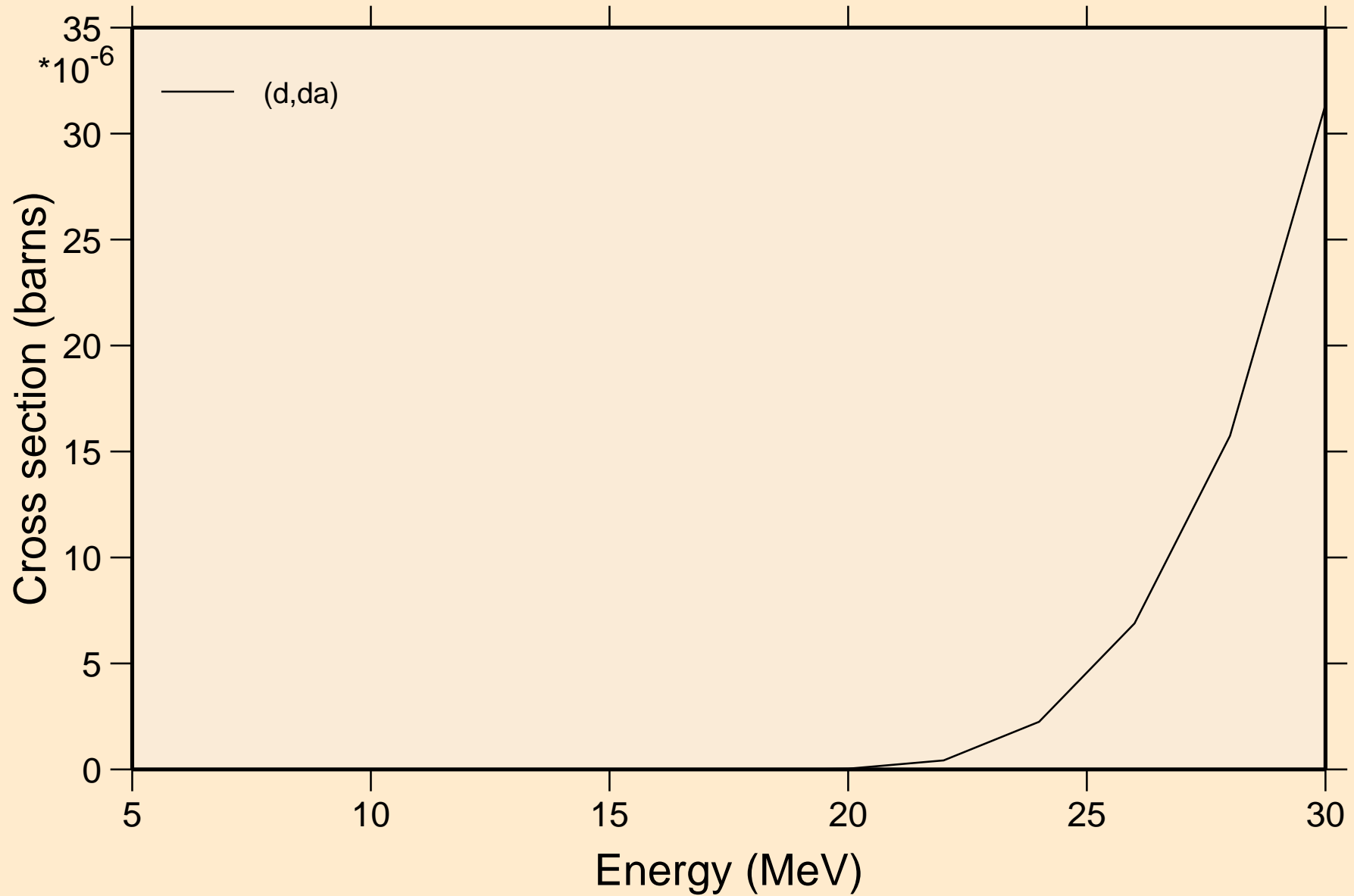
## Threshold reactions



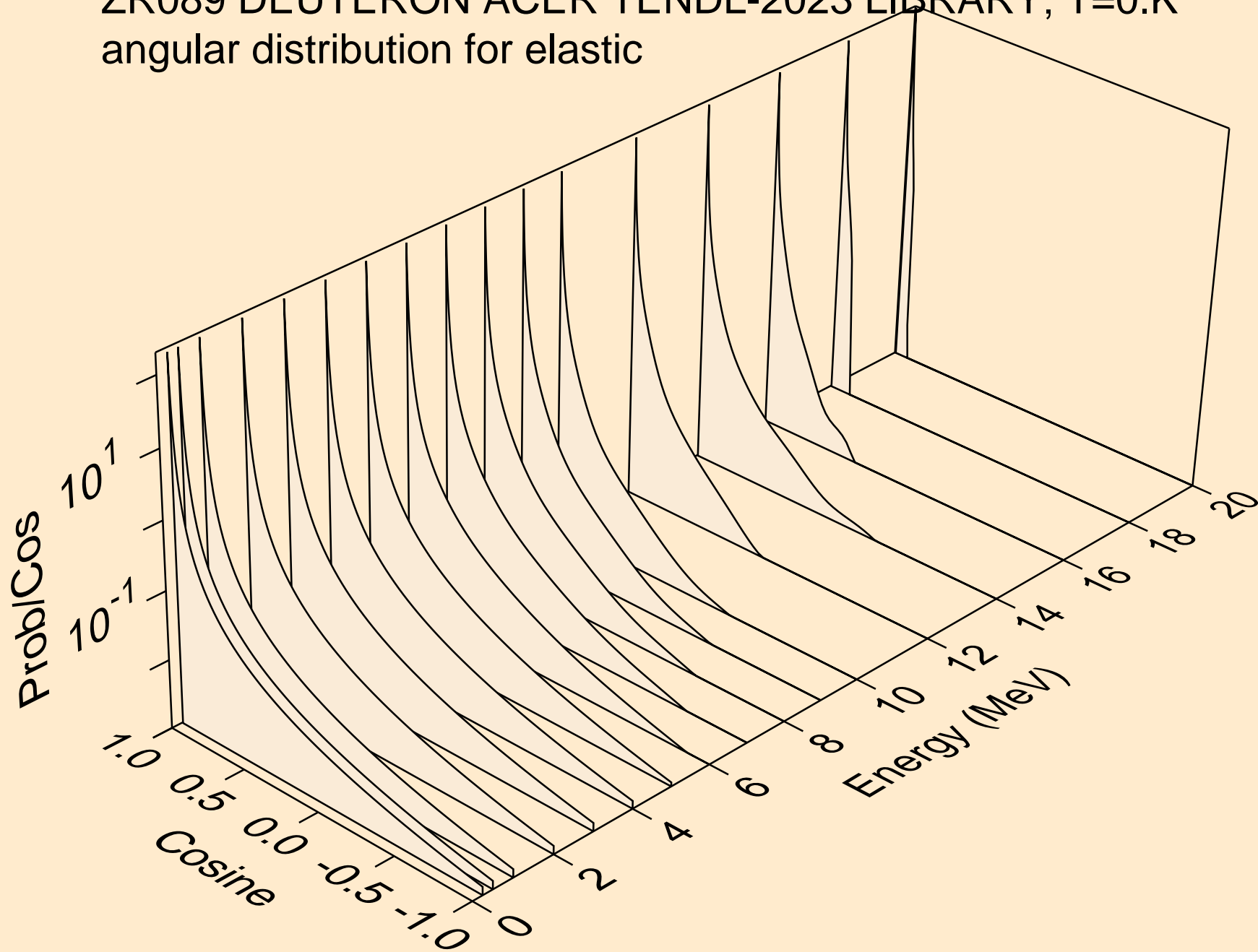
ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

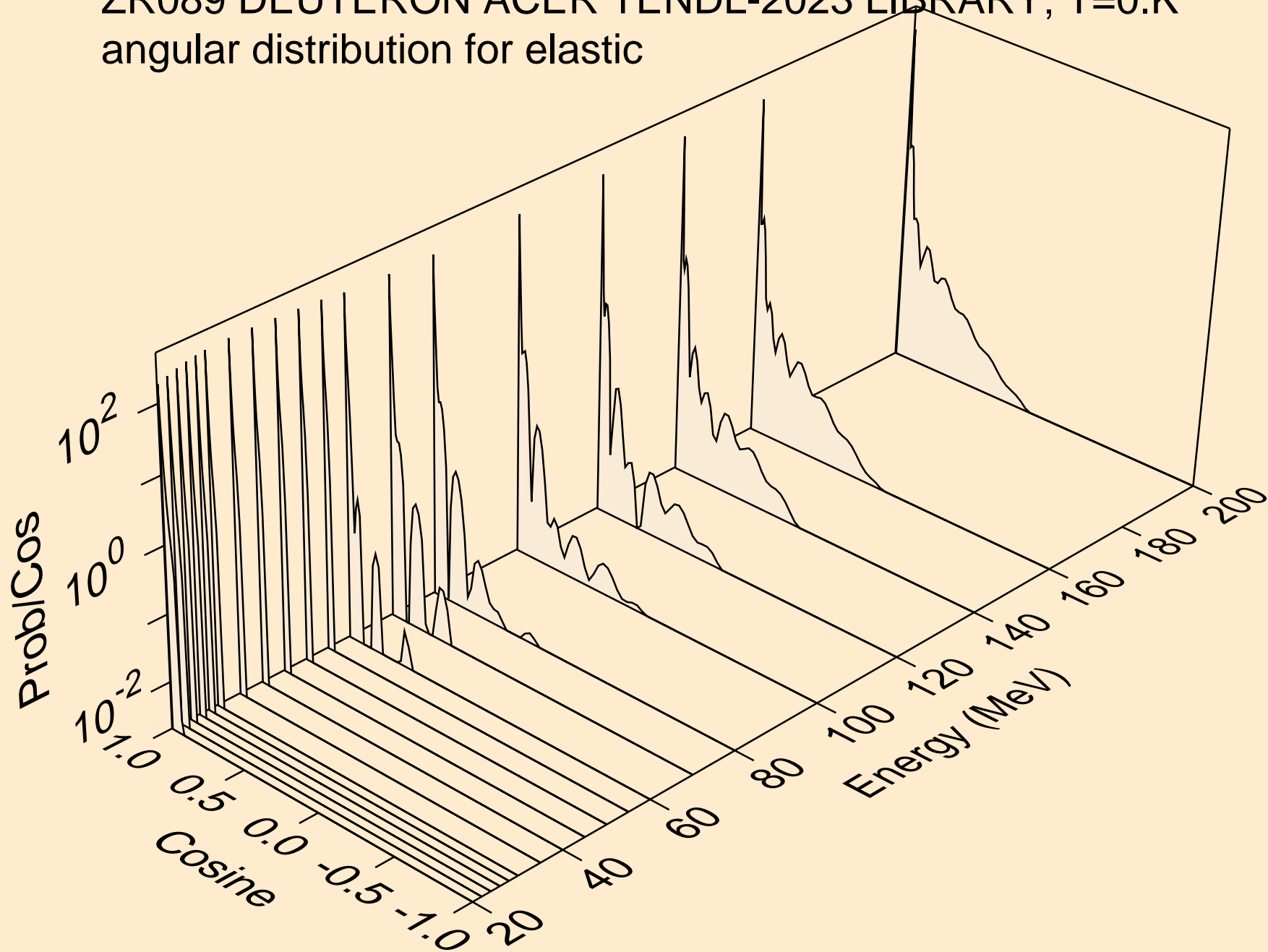


ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

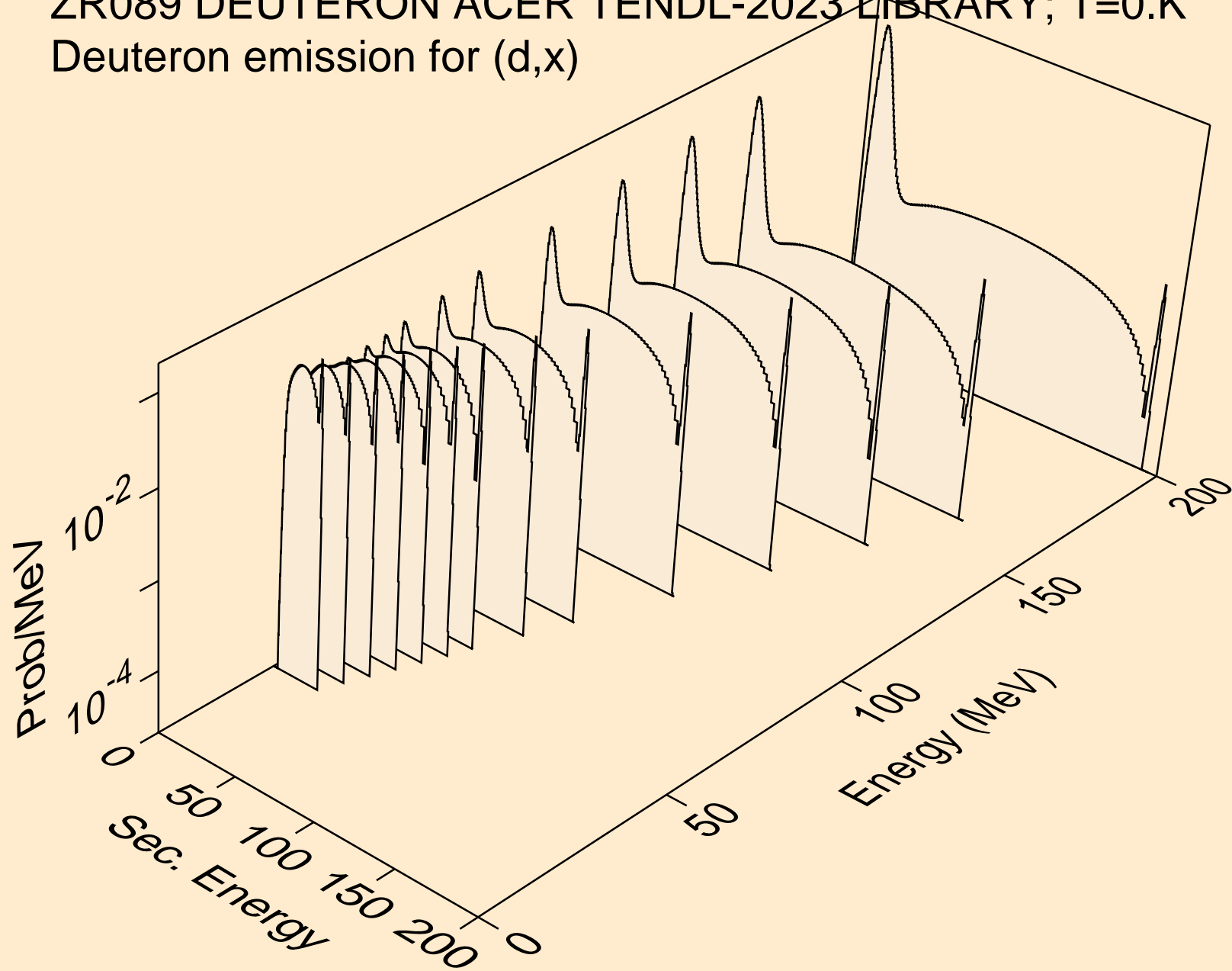




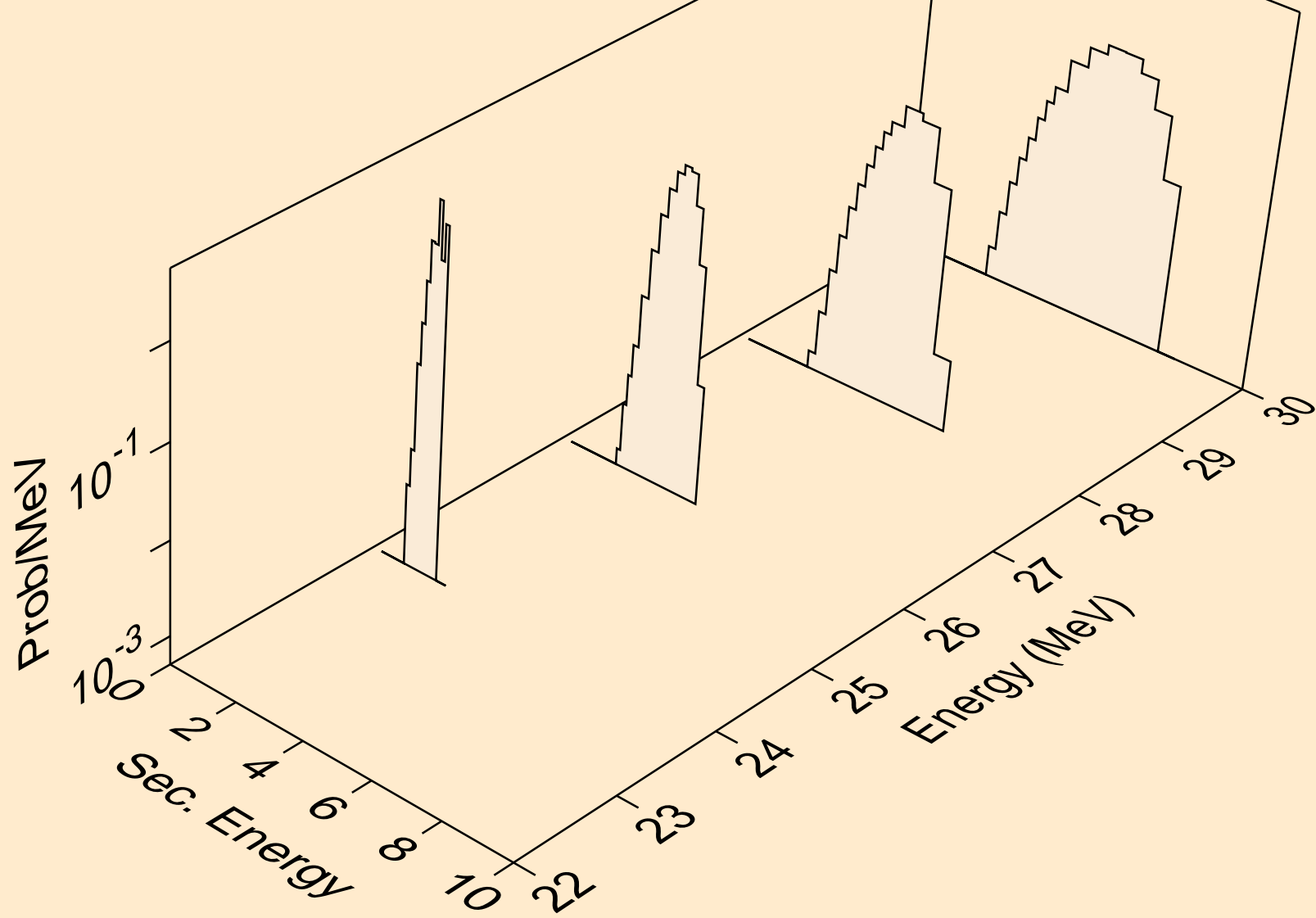
ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



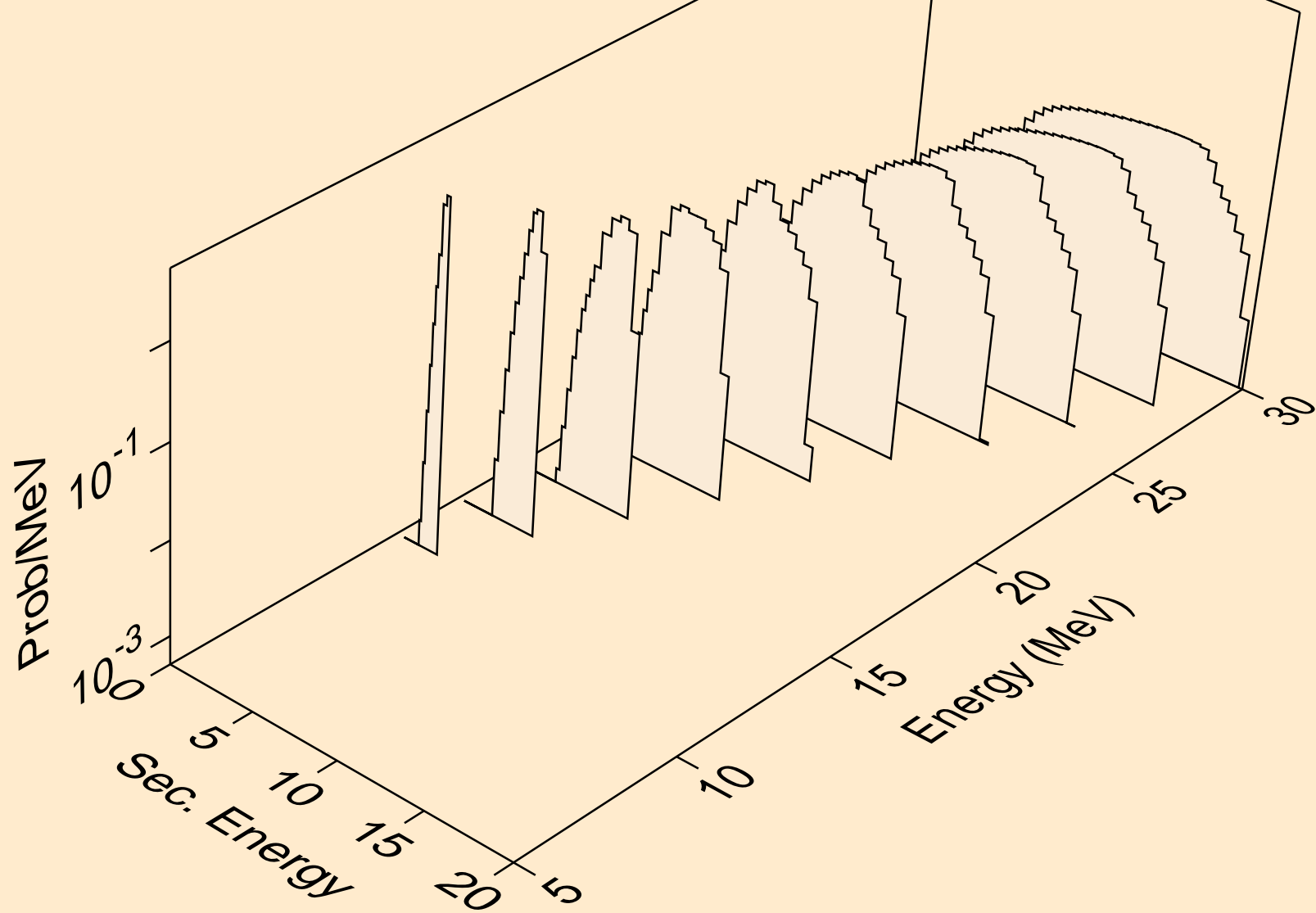
ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,x)



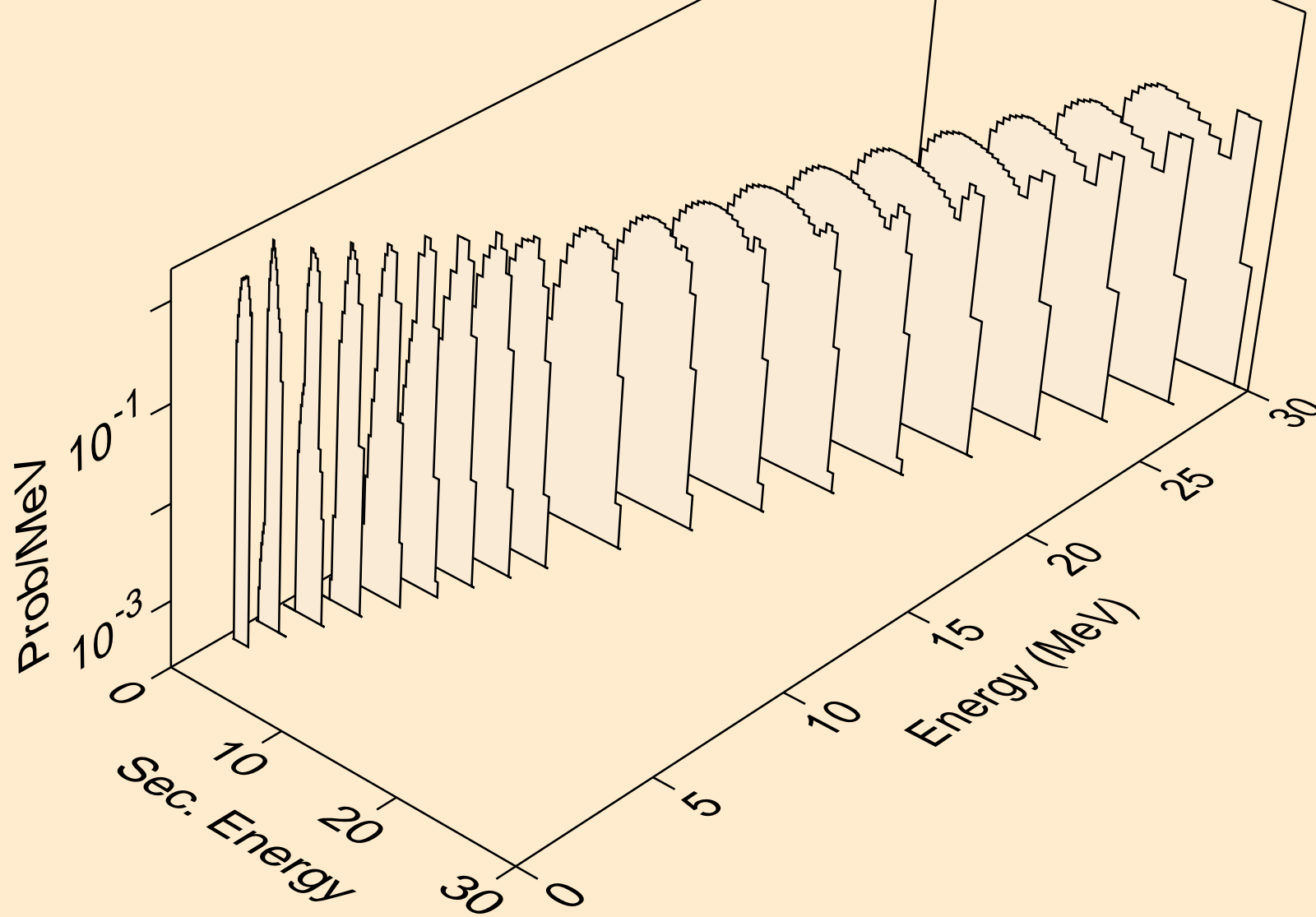
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Deuteron emission for (d,2nd)



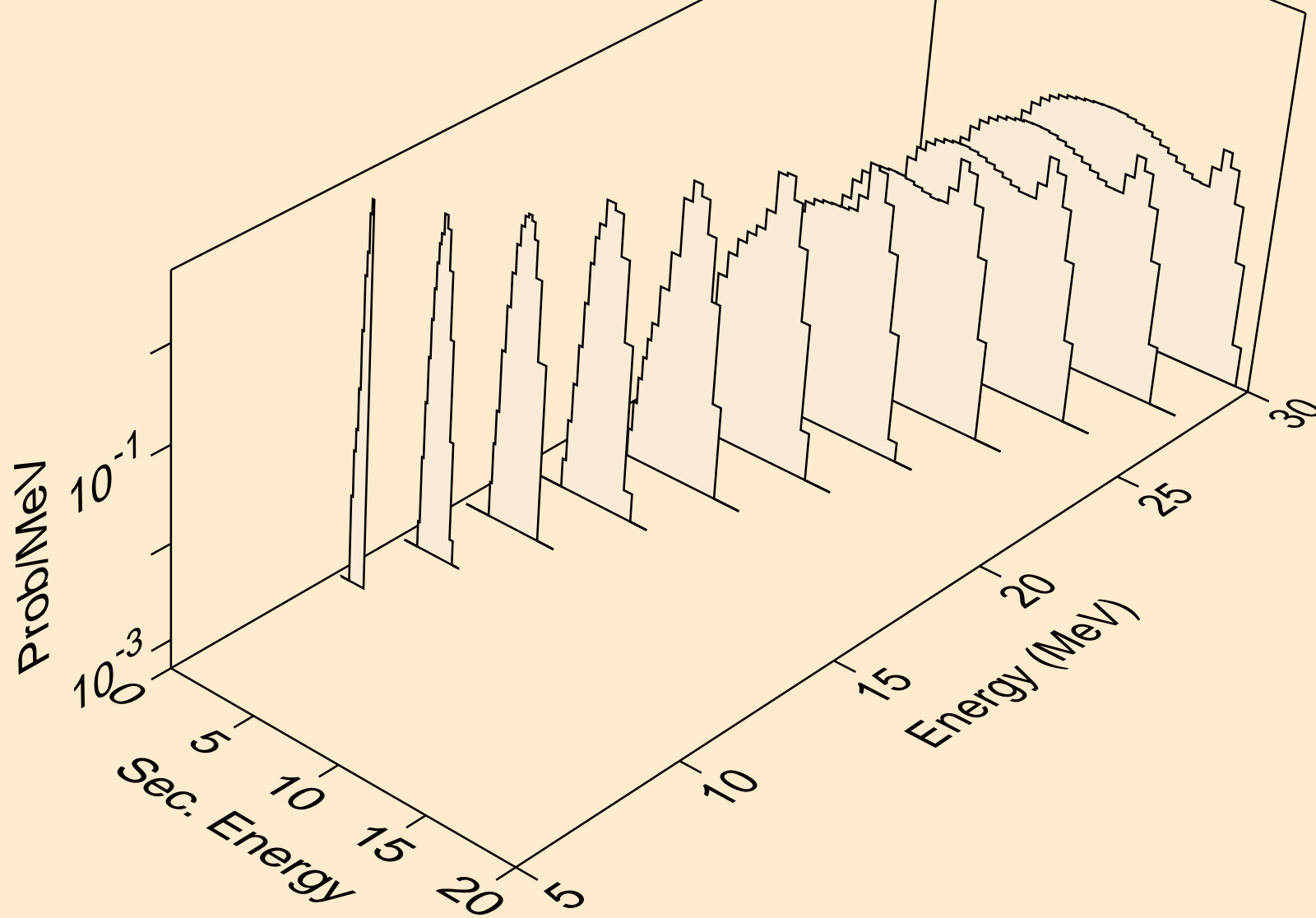
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Deuteron emission for (d,n\*)d



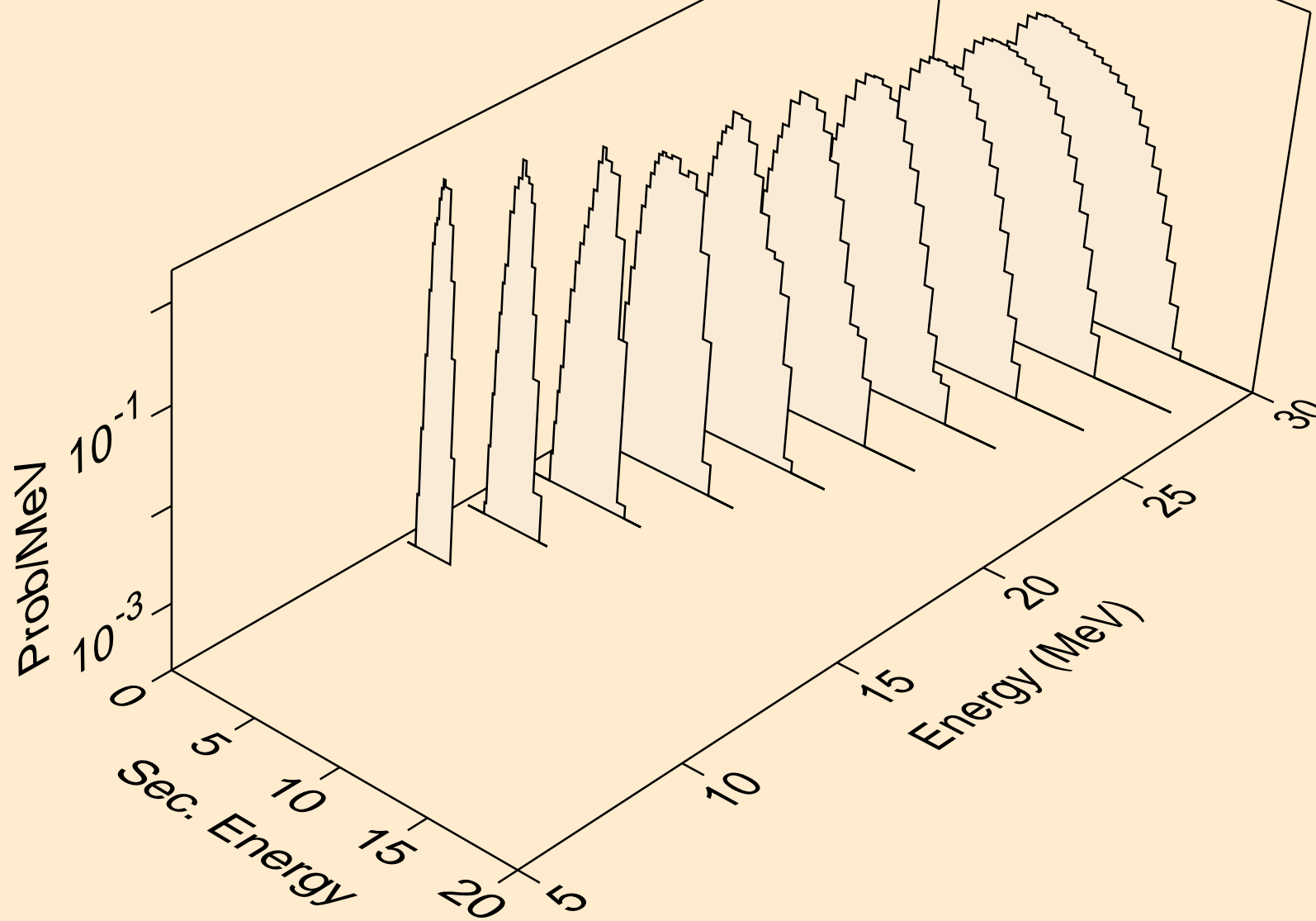
ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



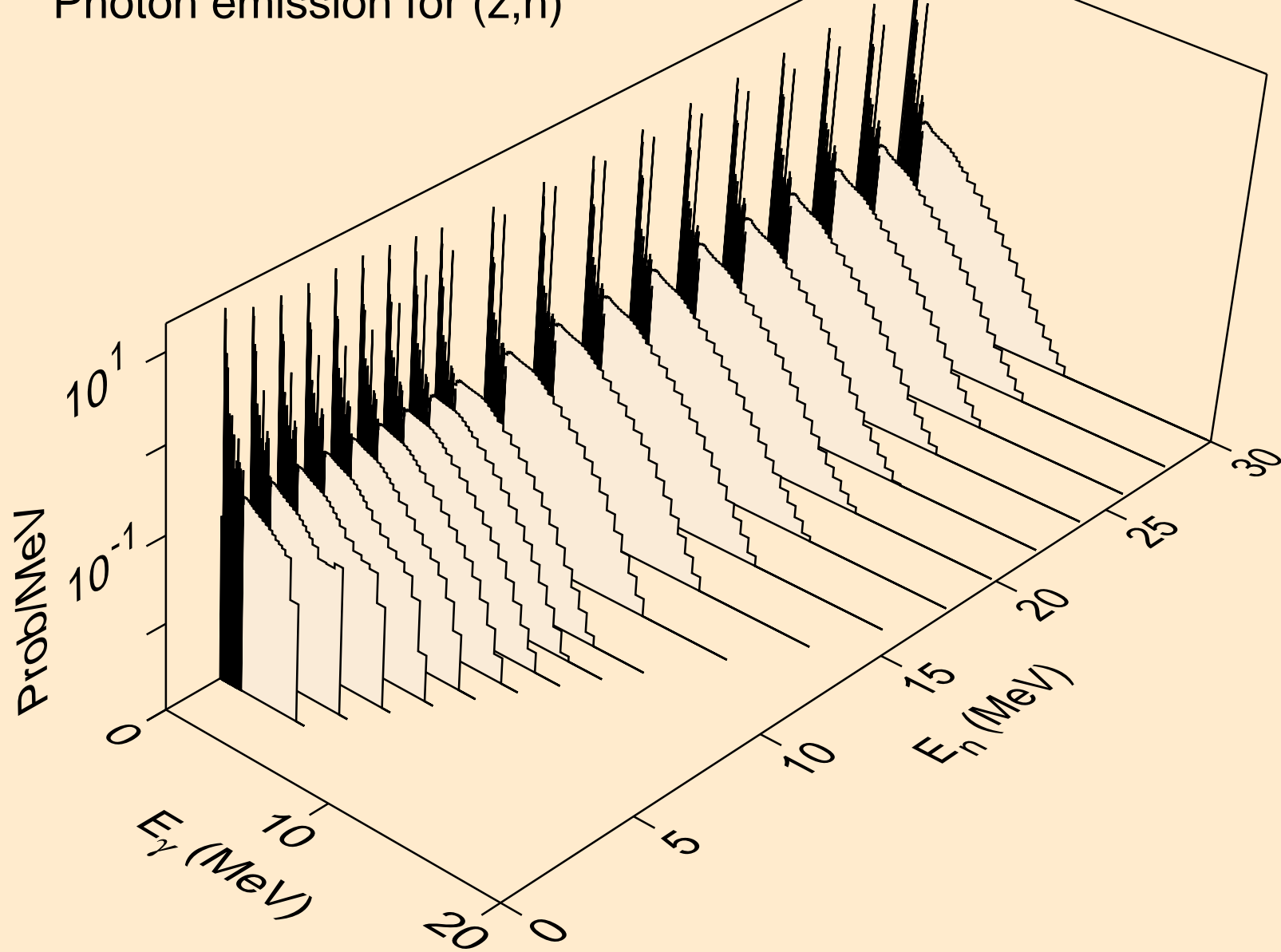
ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)



ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,da)

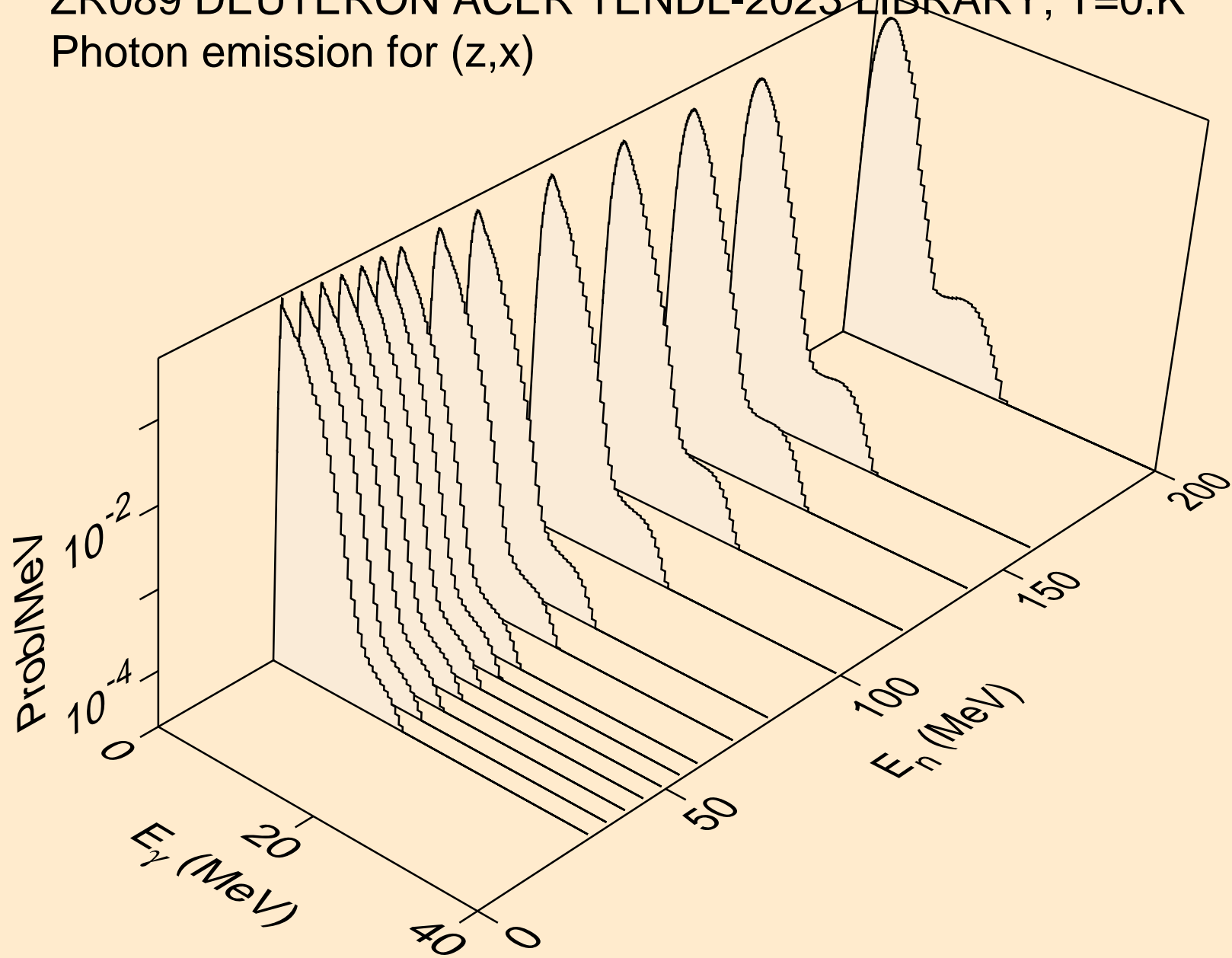


ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

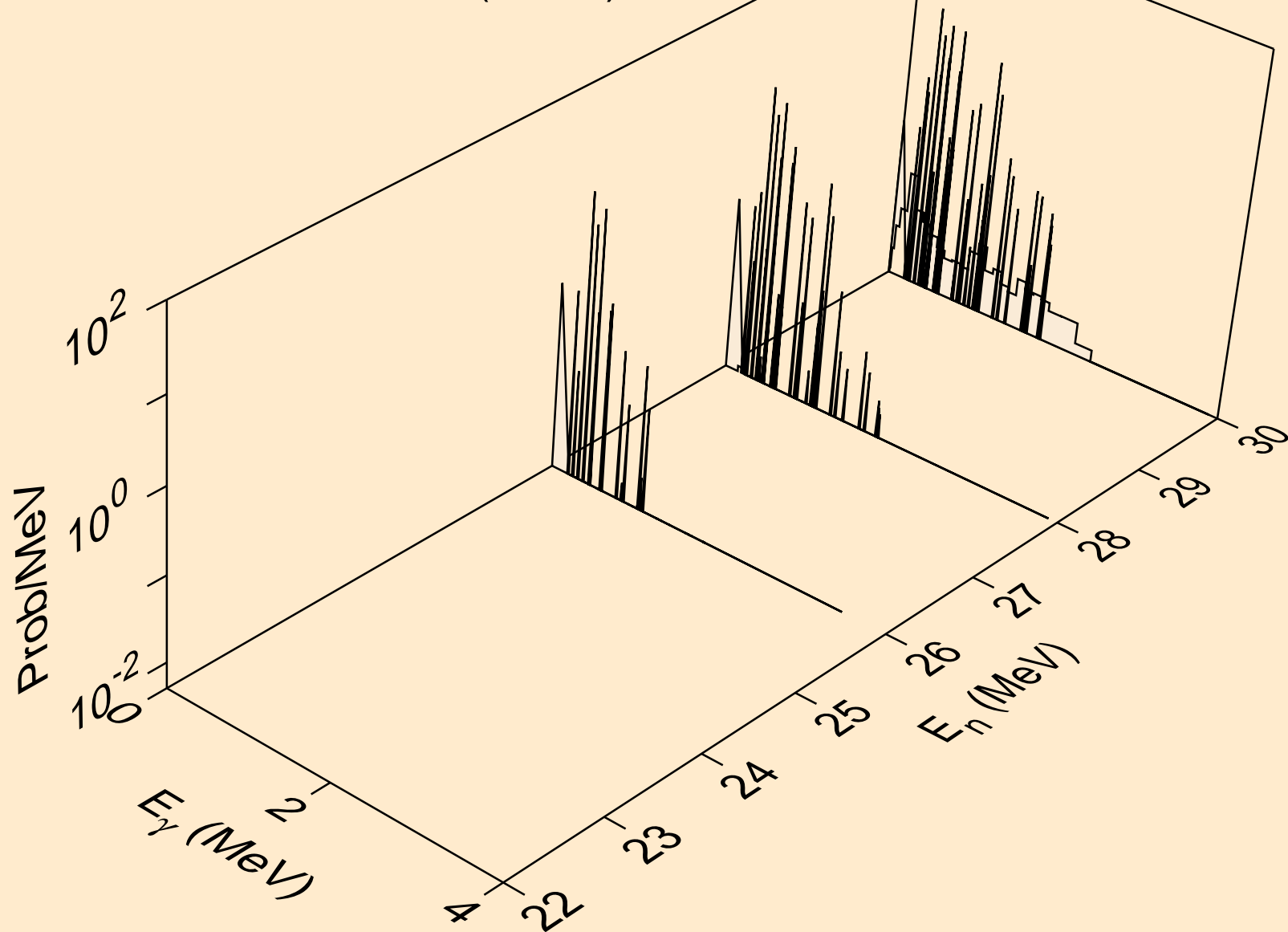




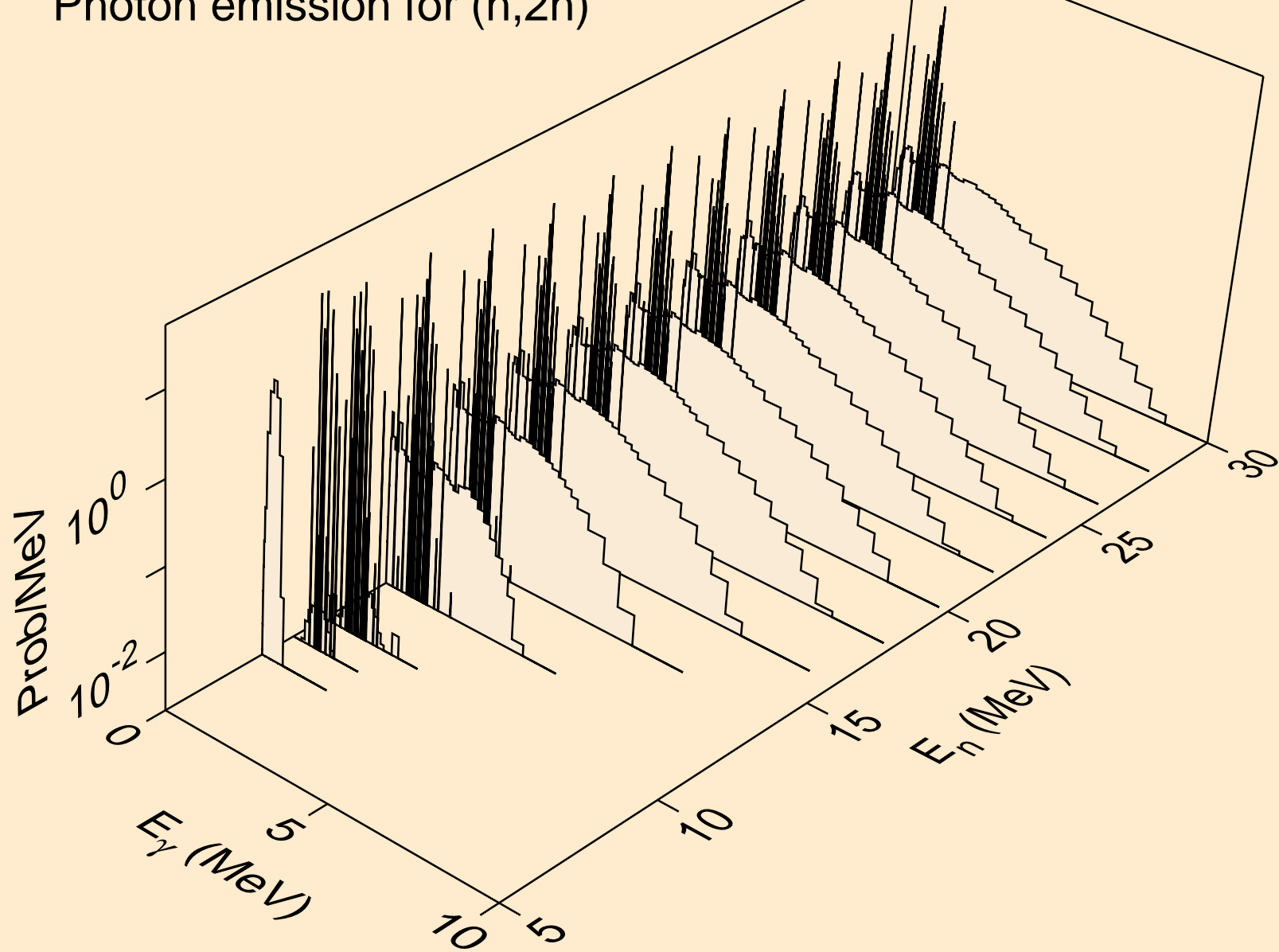
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Photon emission for (z,x)



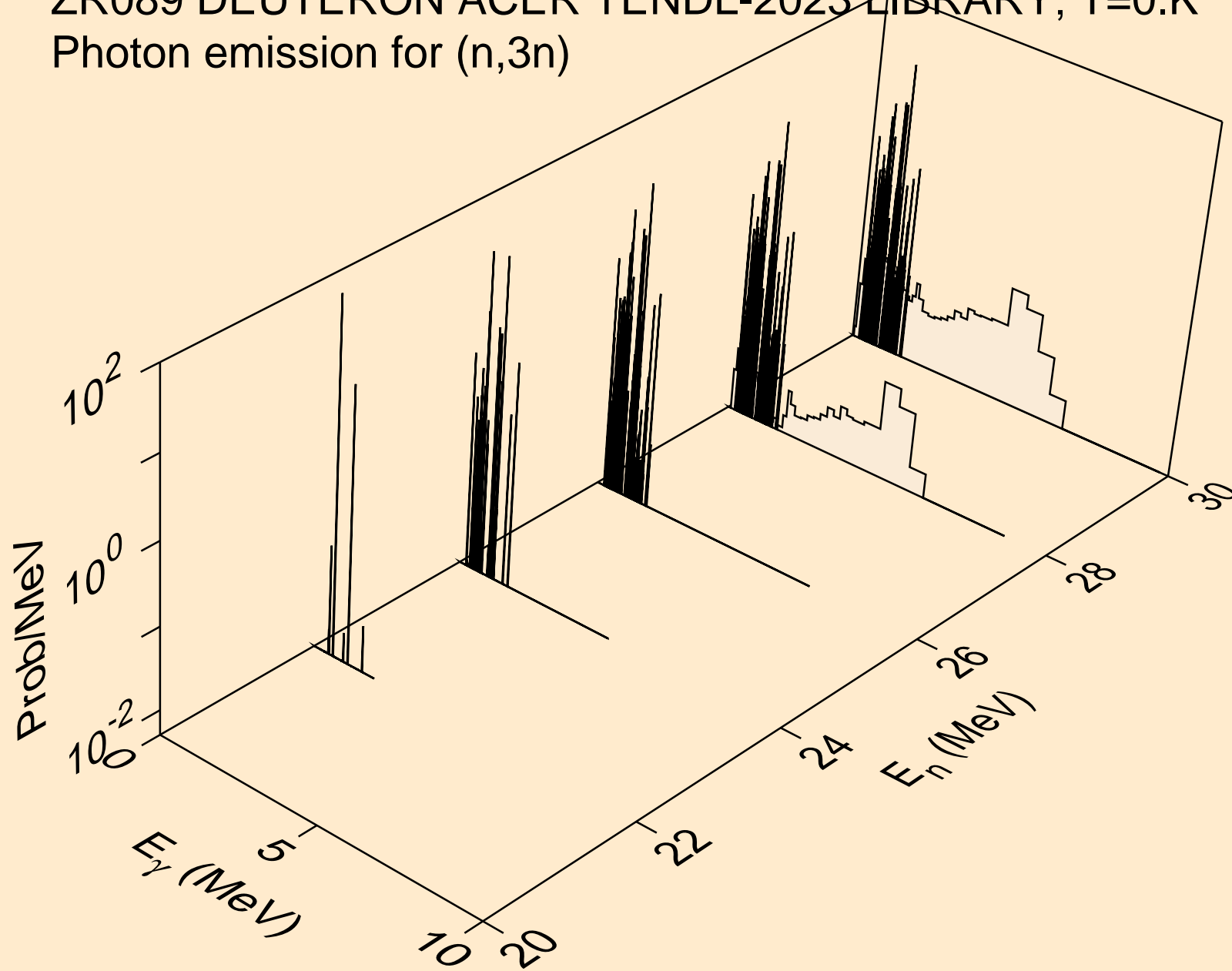
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Photon emission for (n,2nd)



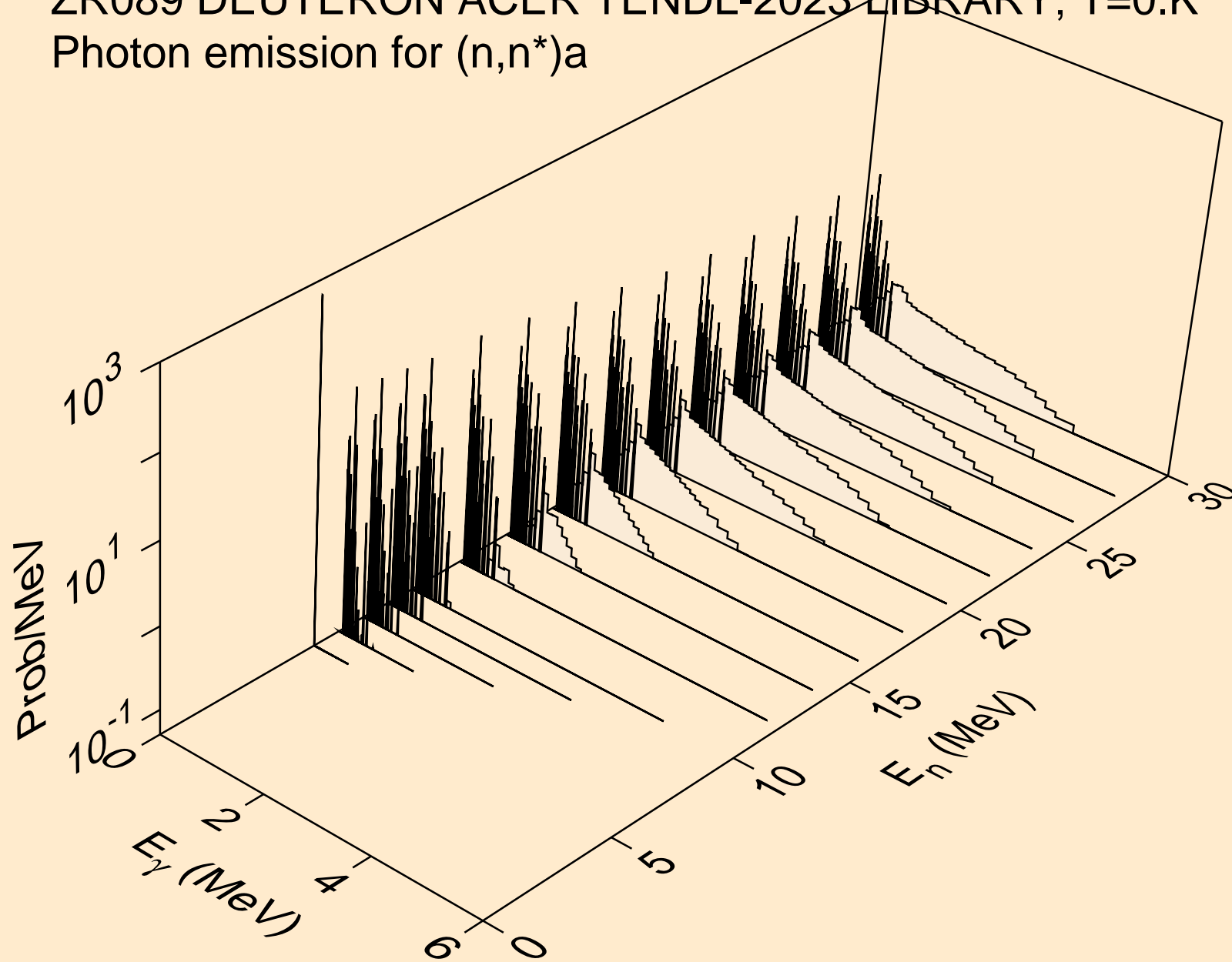
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Photon emission for (n,2n)



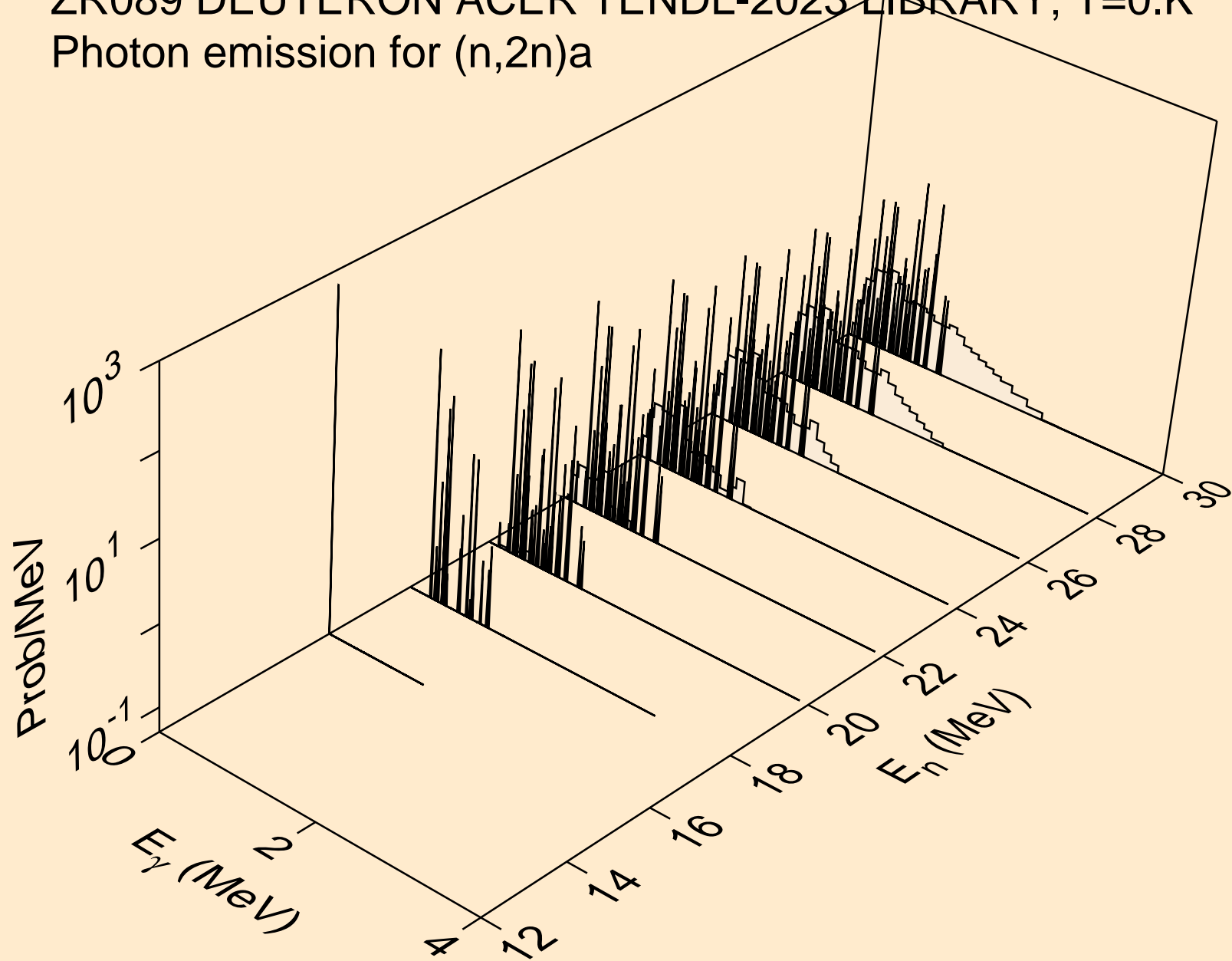
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Photon emission for (n,3n)



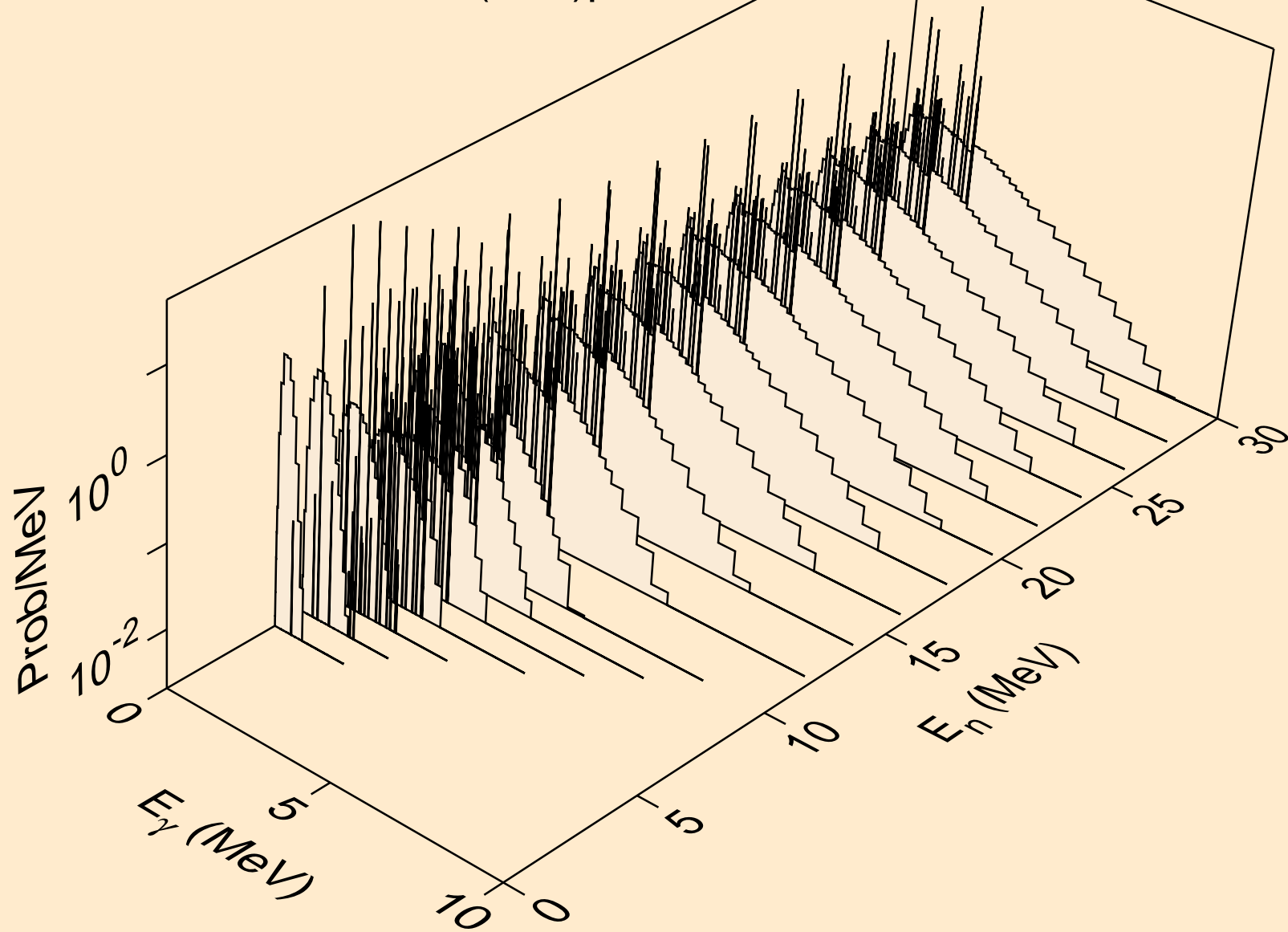
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Photon emission for (n,n\*)a



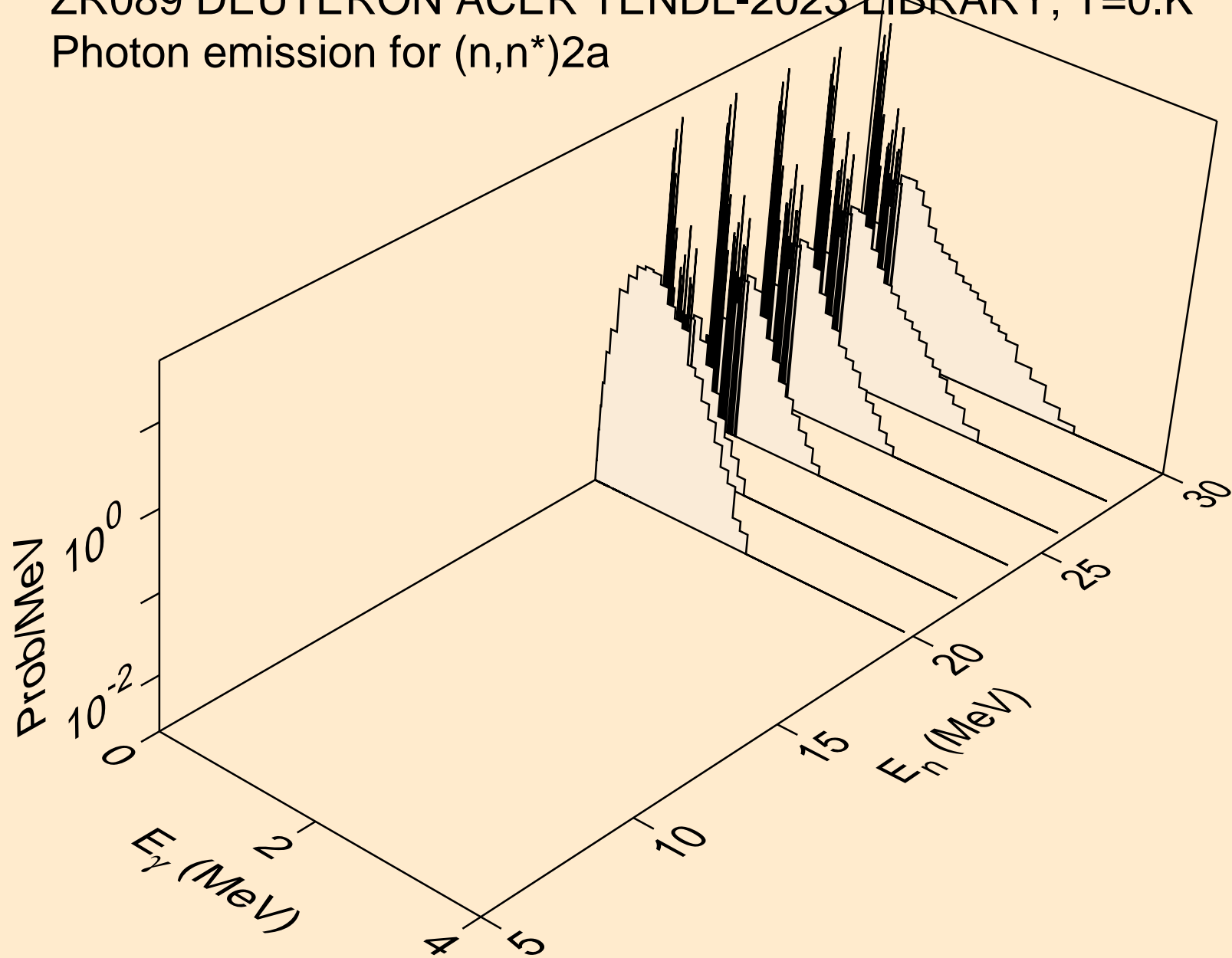
ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

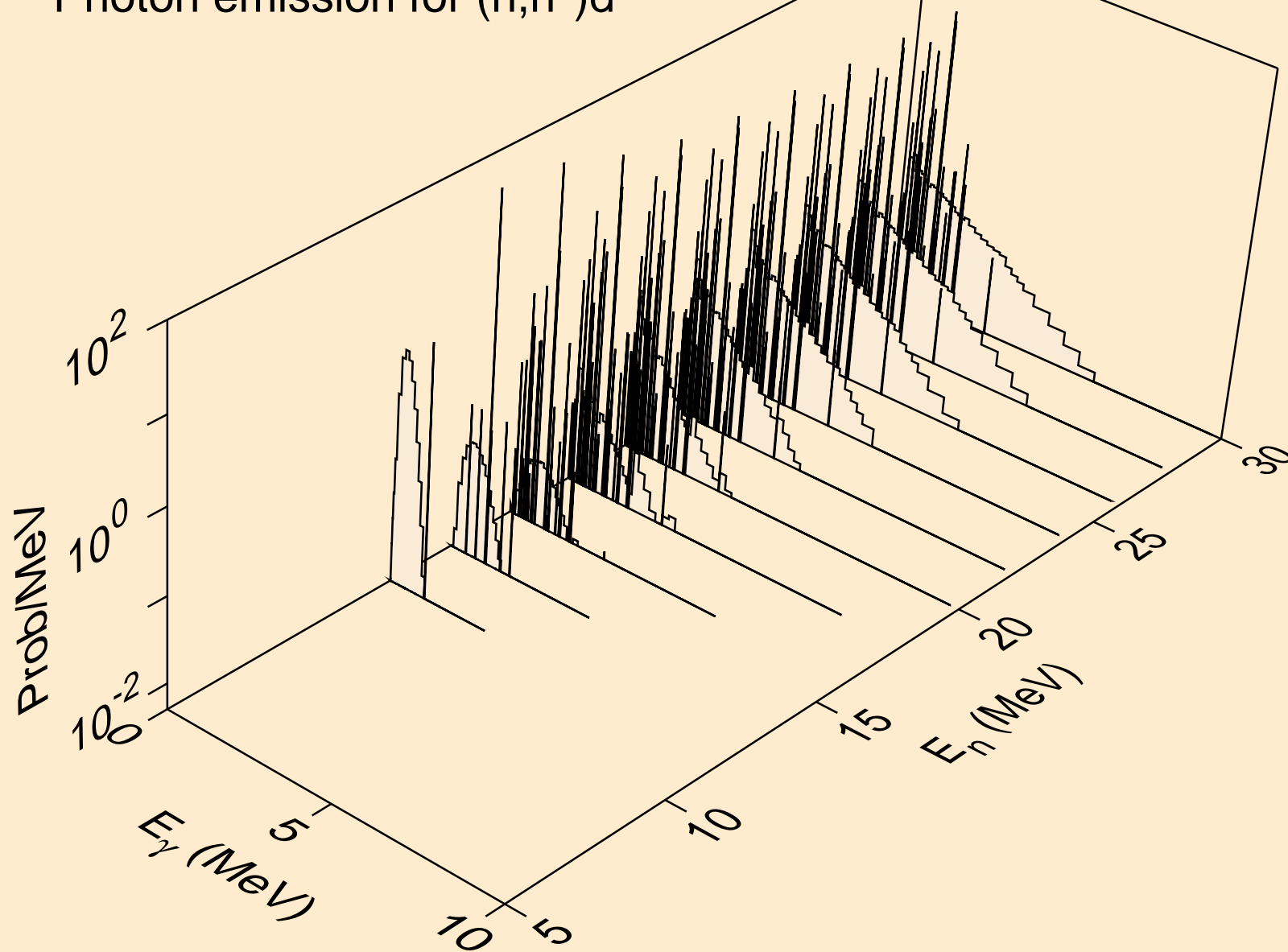


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Photon emission for (n,n\*)2a

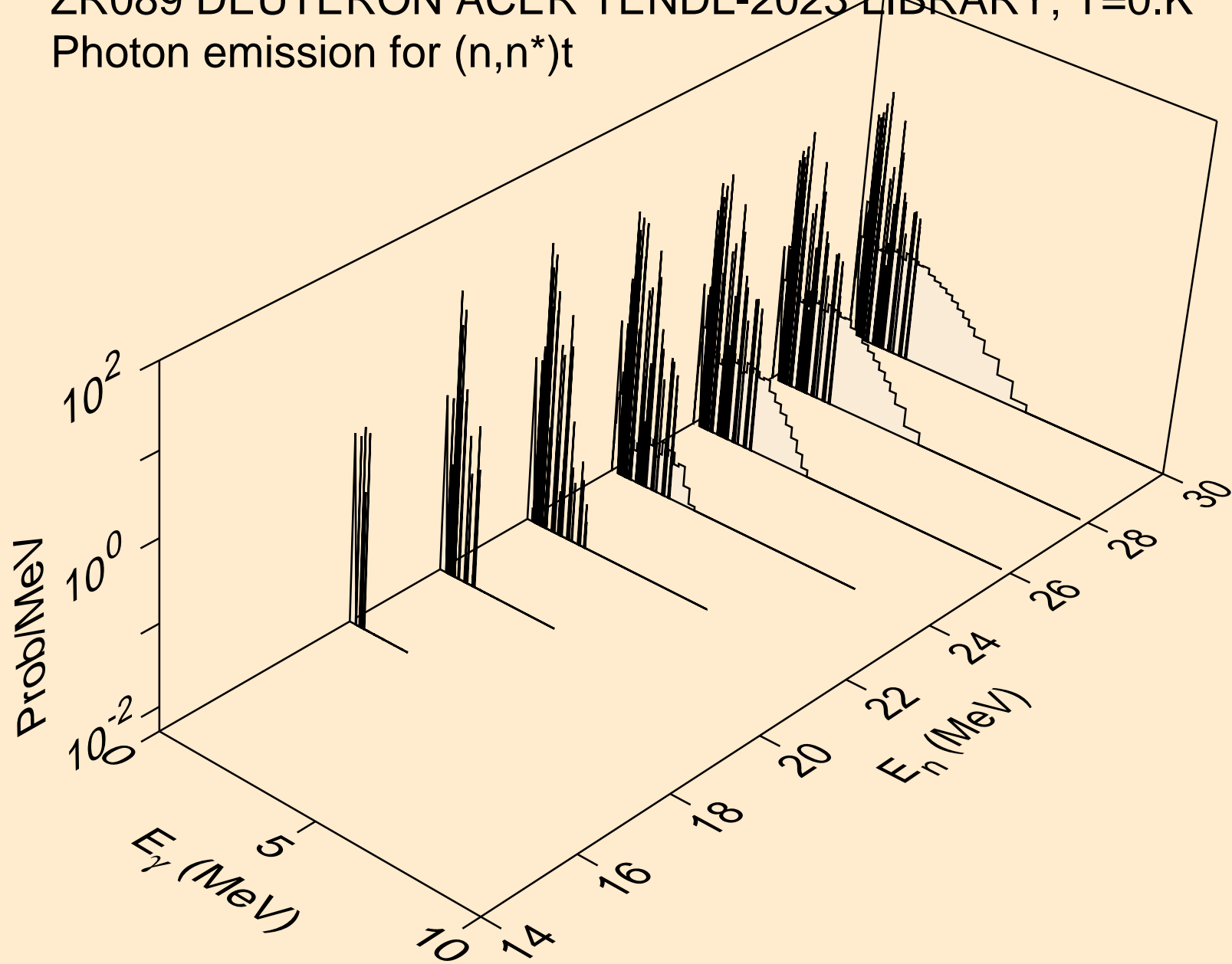




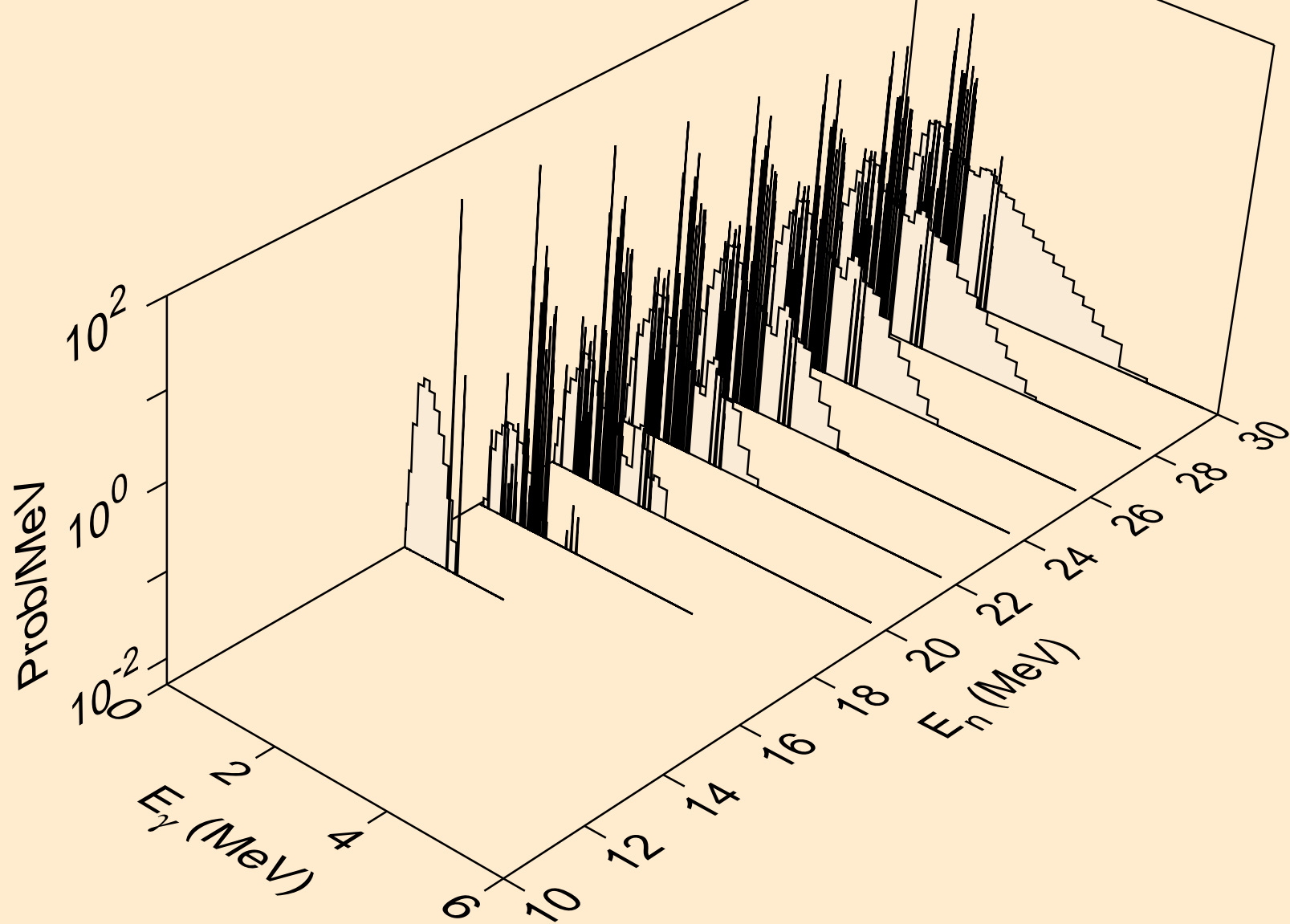
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Photon emission for (n,n\*)d



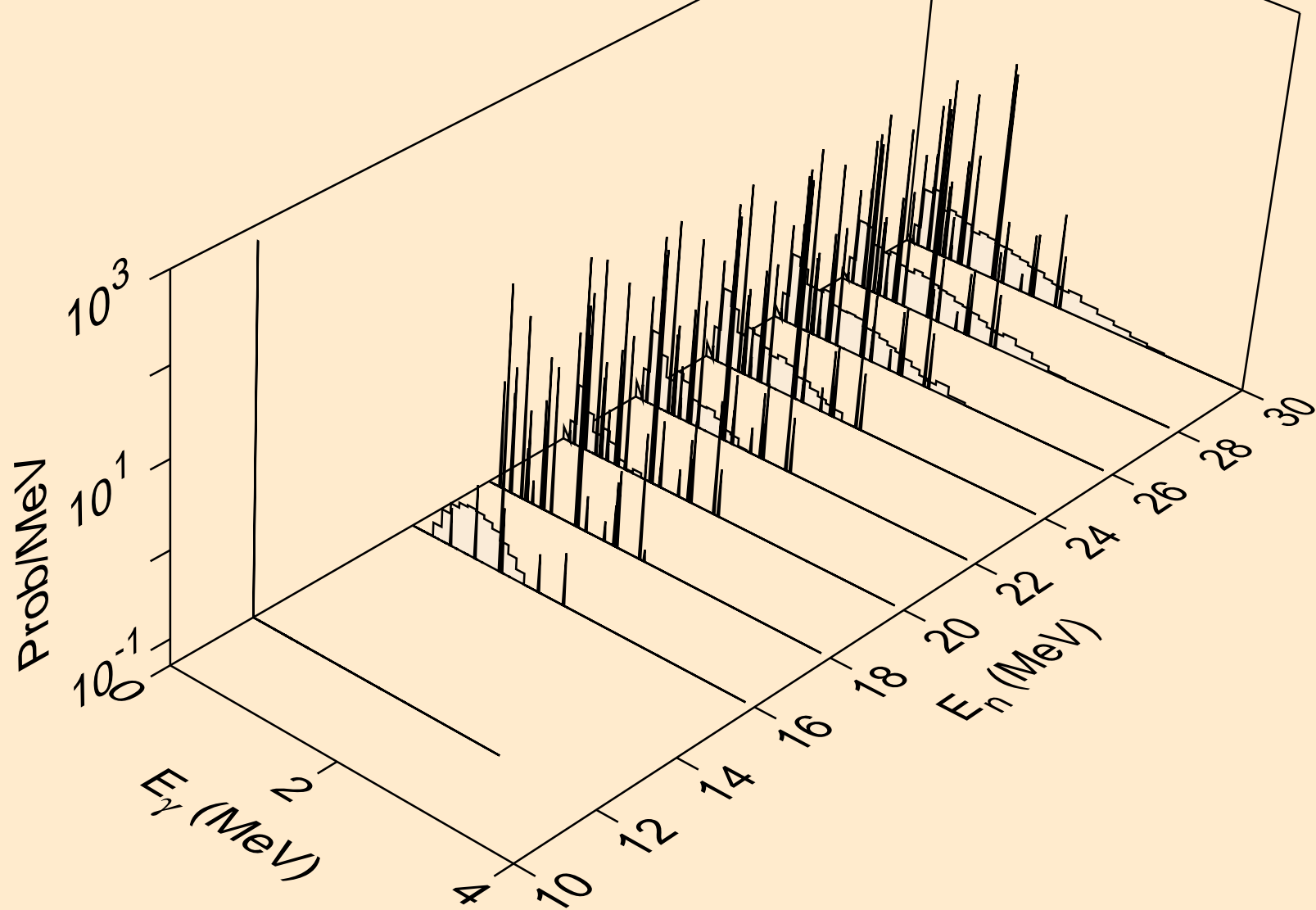
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Photon emission for (n,n\*)t



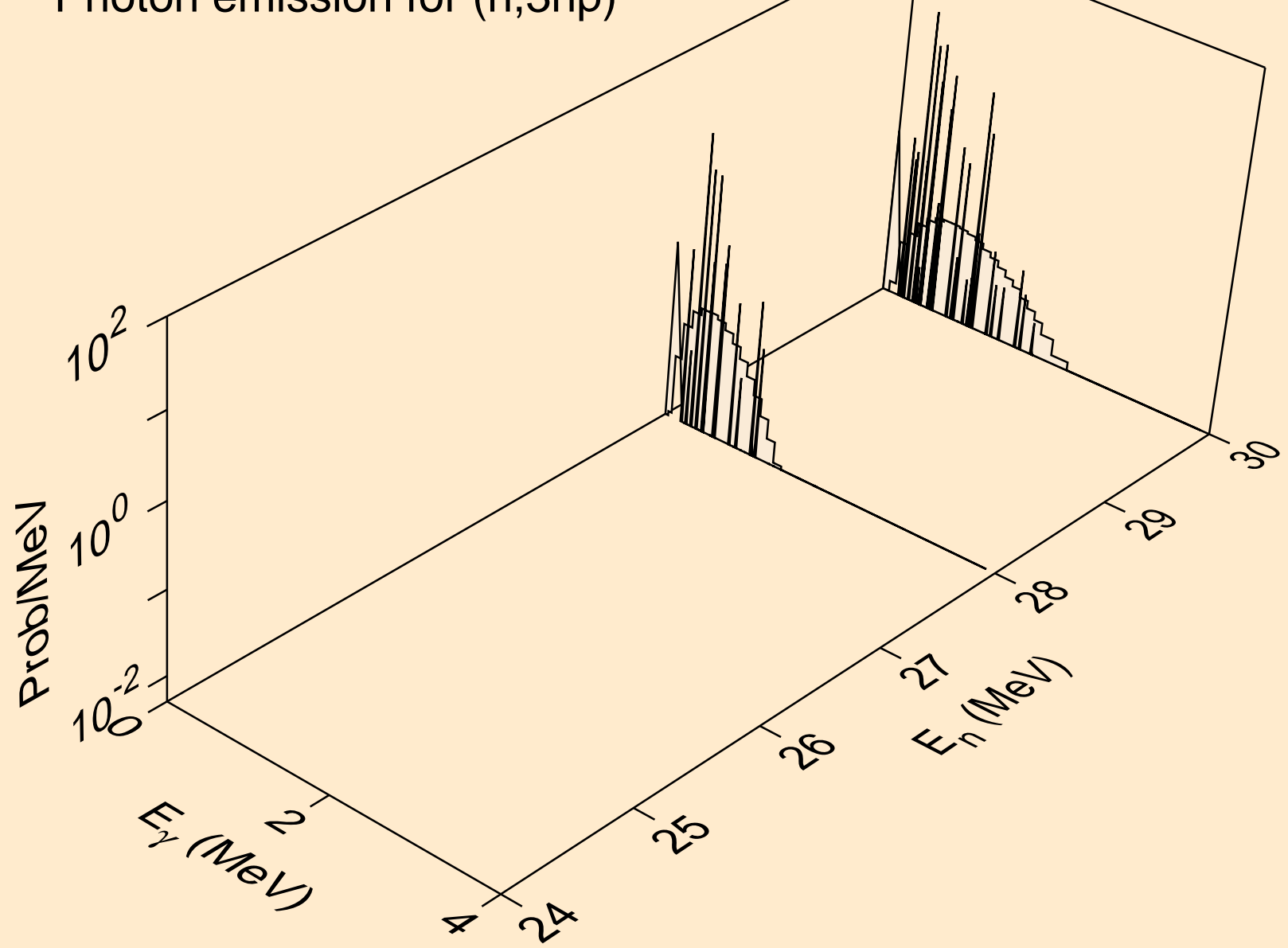
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Photon emission for (n,n\*)he3



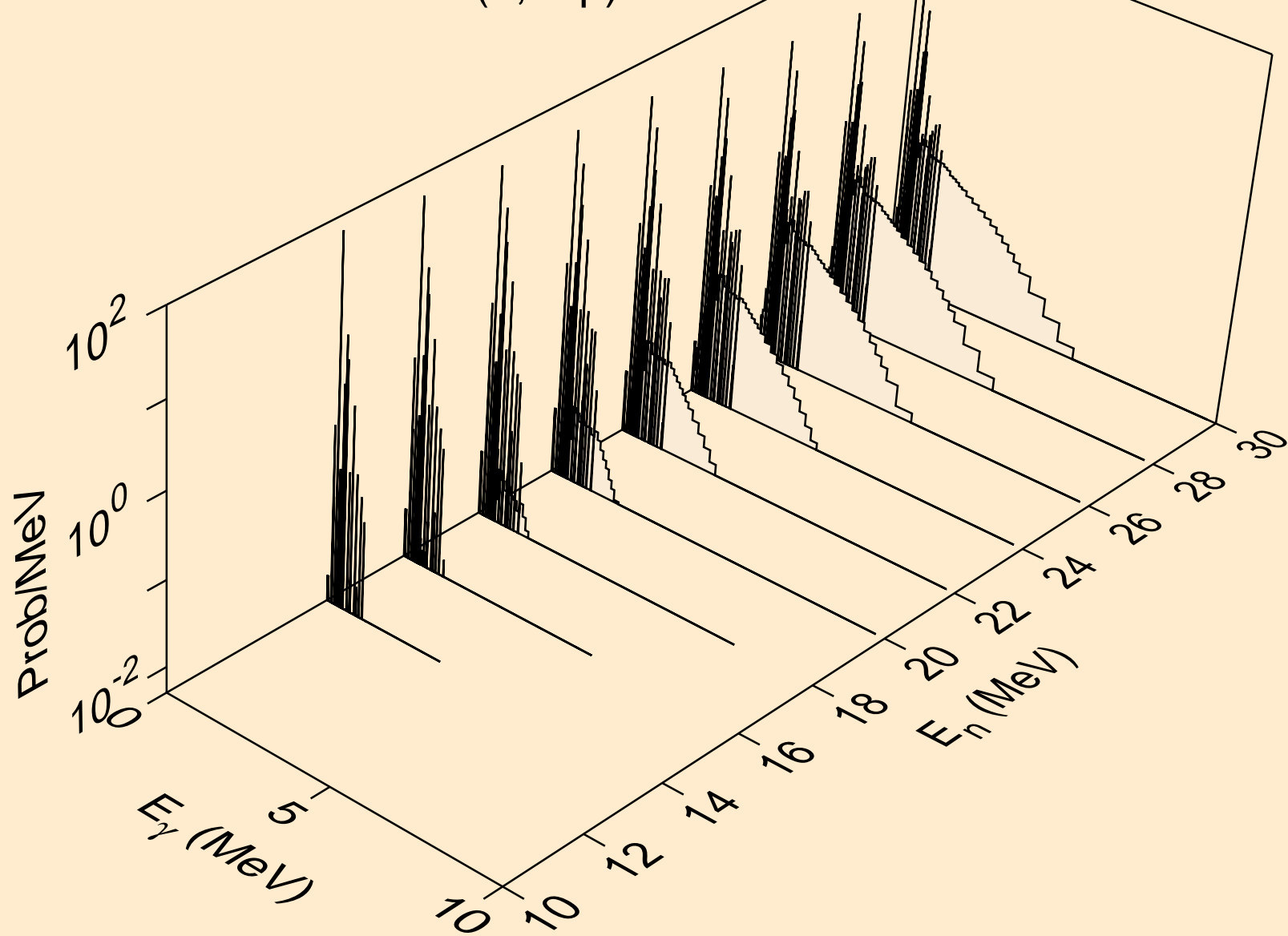
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Photon emission for (n,2np)



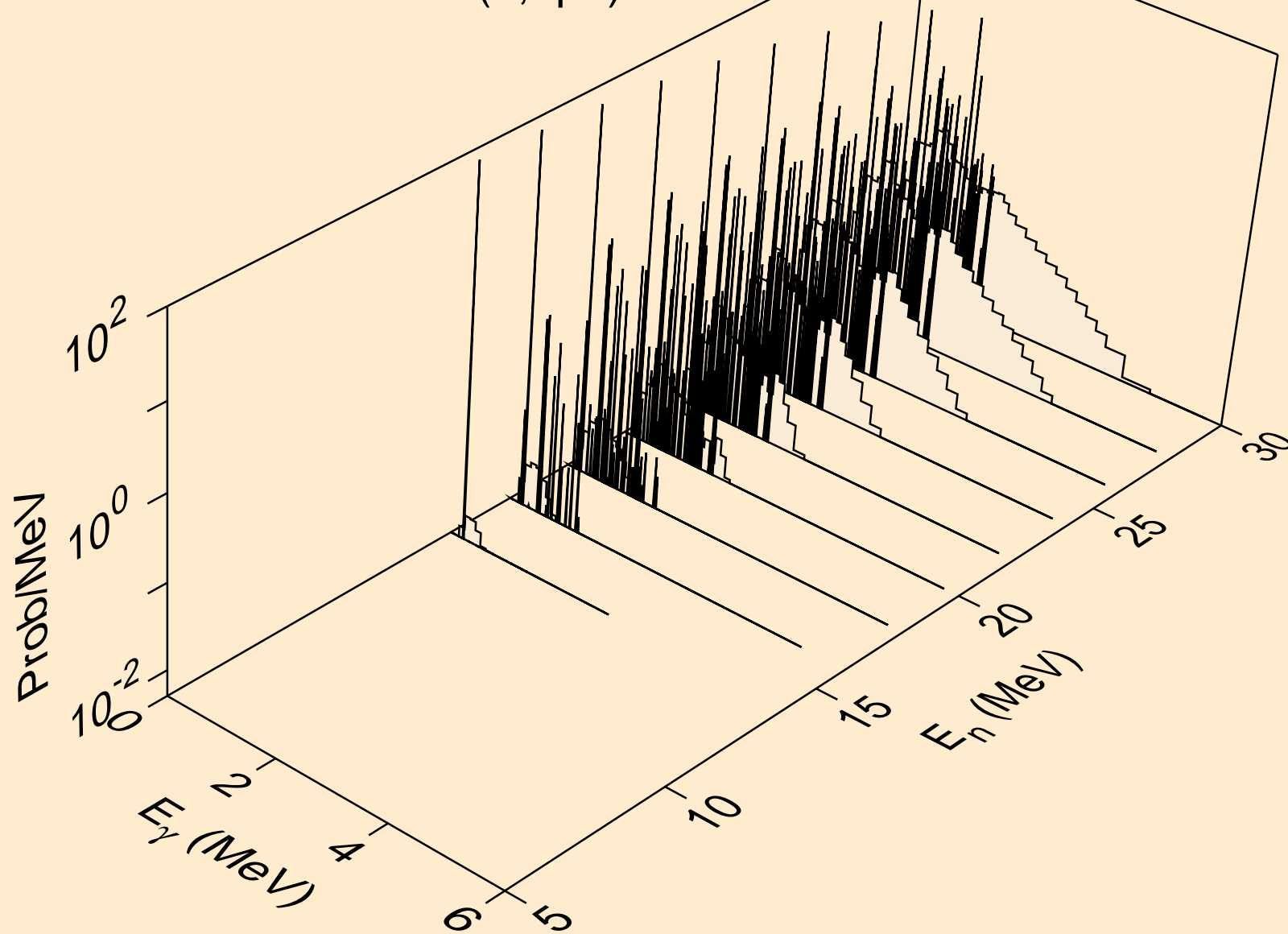
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Photon emission for (n,3np)



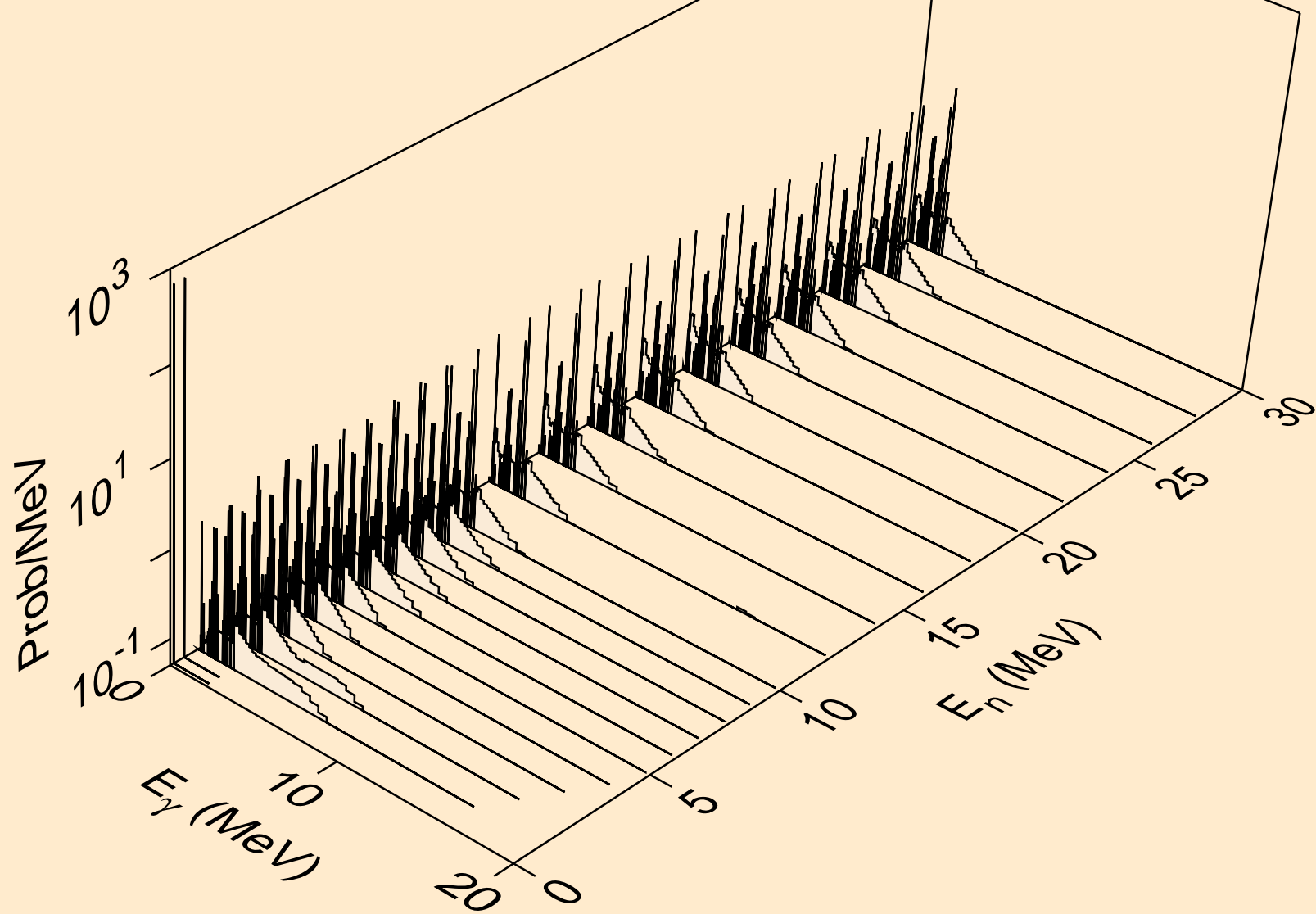
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Photon emission for (n,n2p)



ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

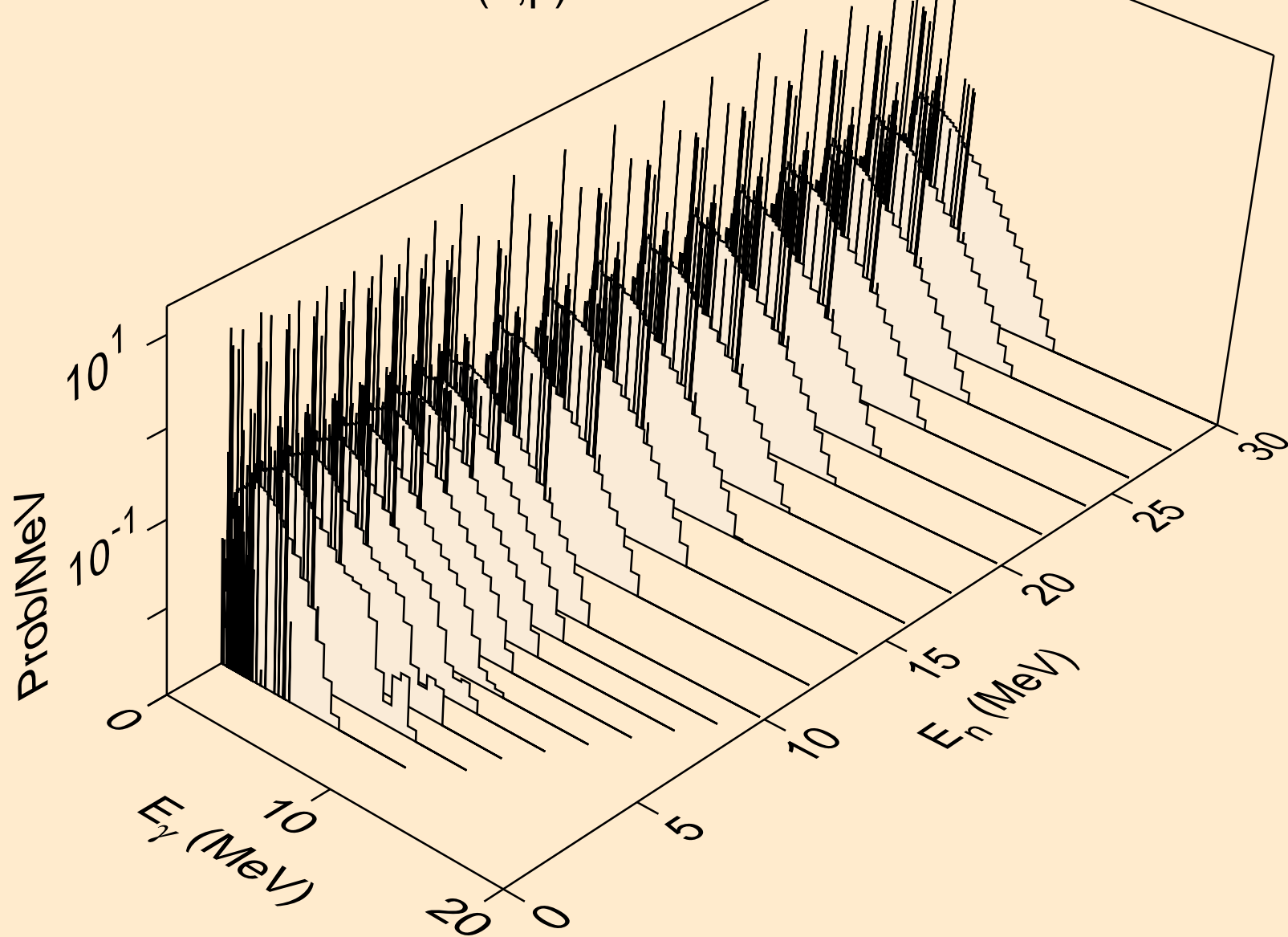


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Photon emission for (n,gma)

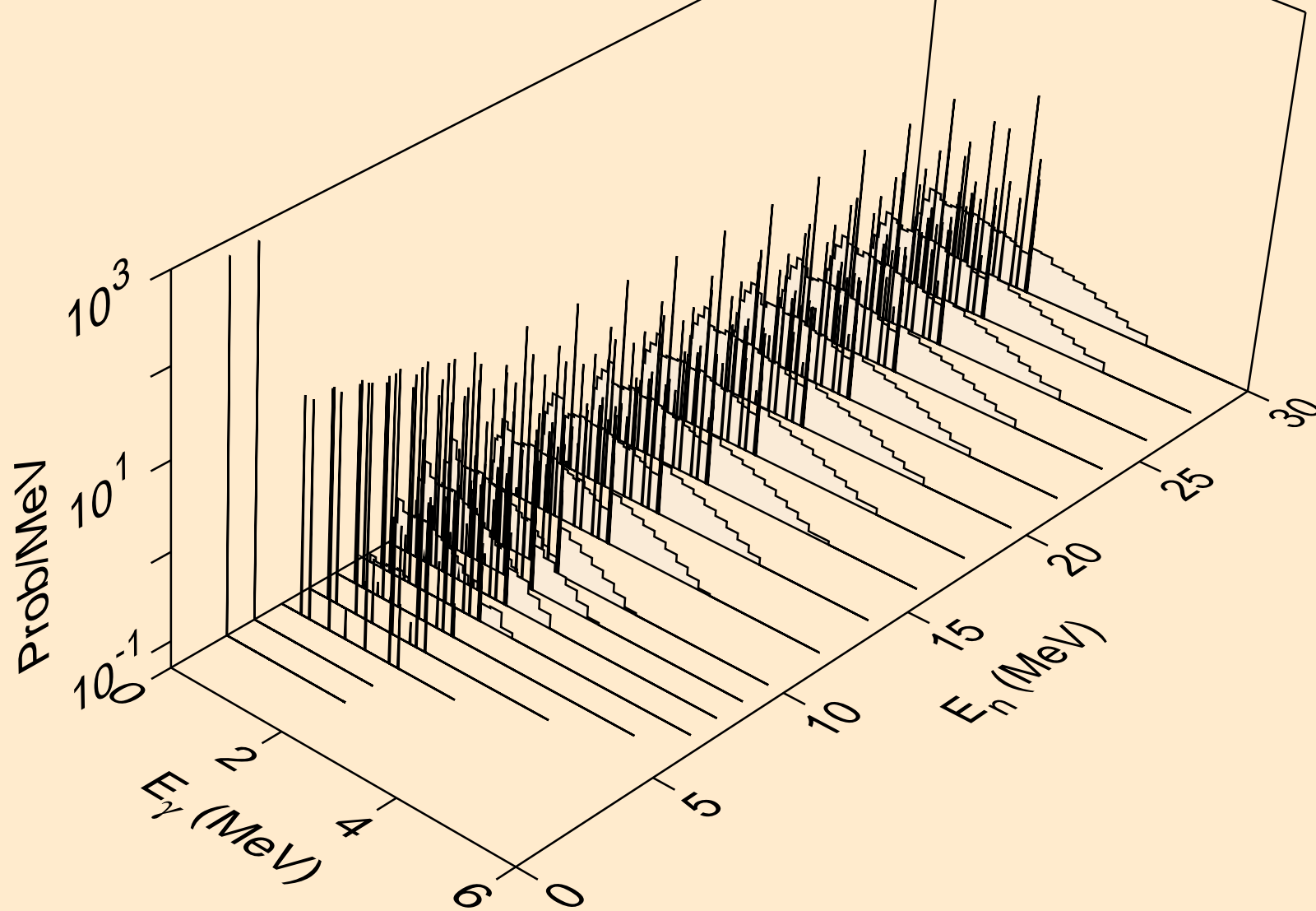




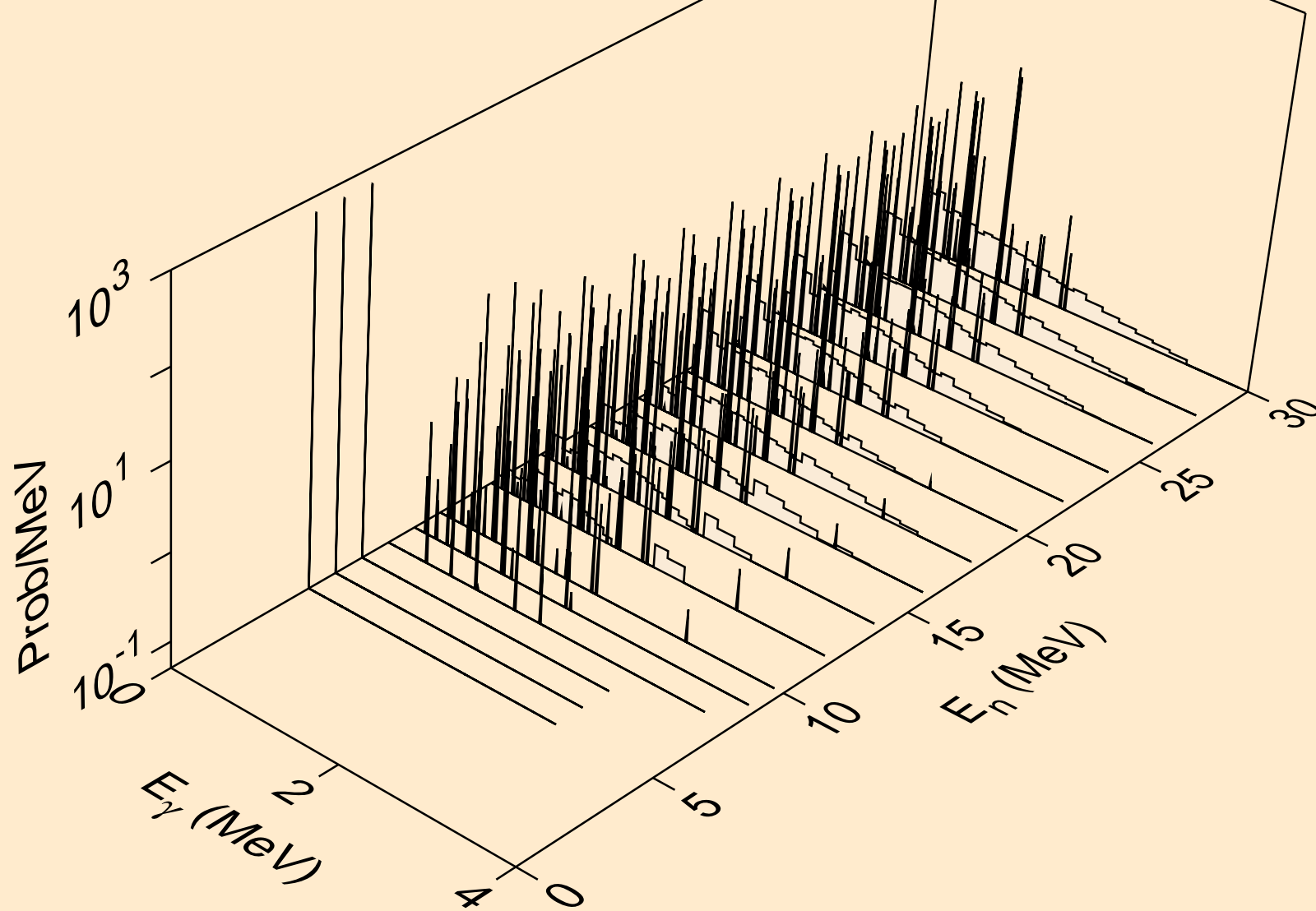
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Photon emission for (n,p)



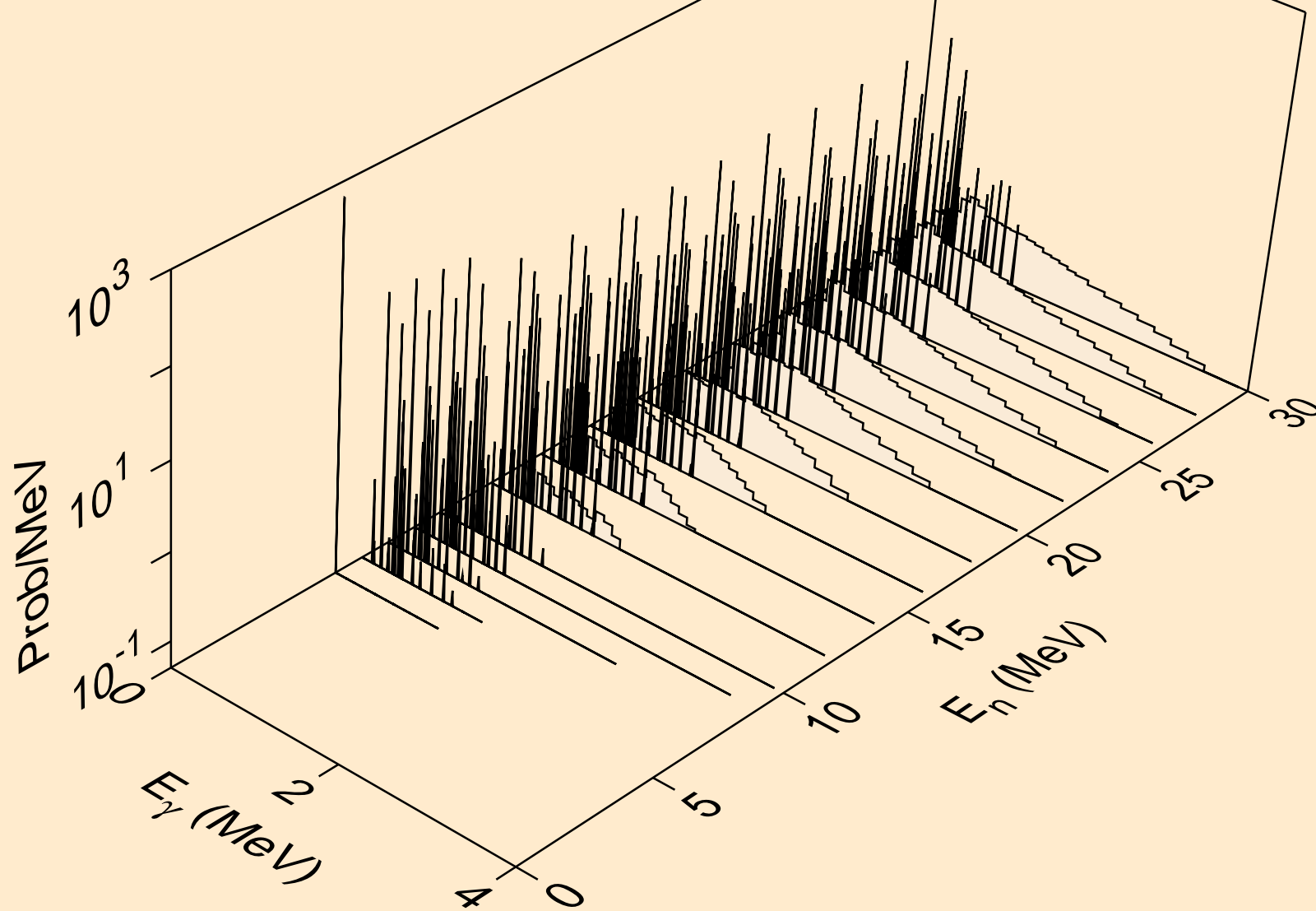
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Photon emission for inelastic



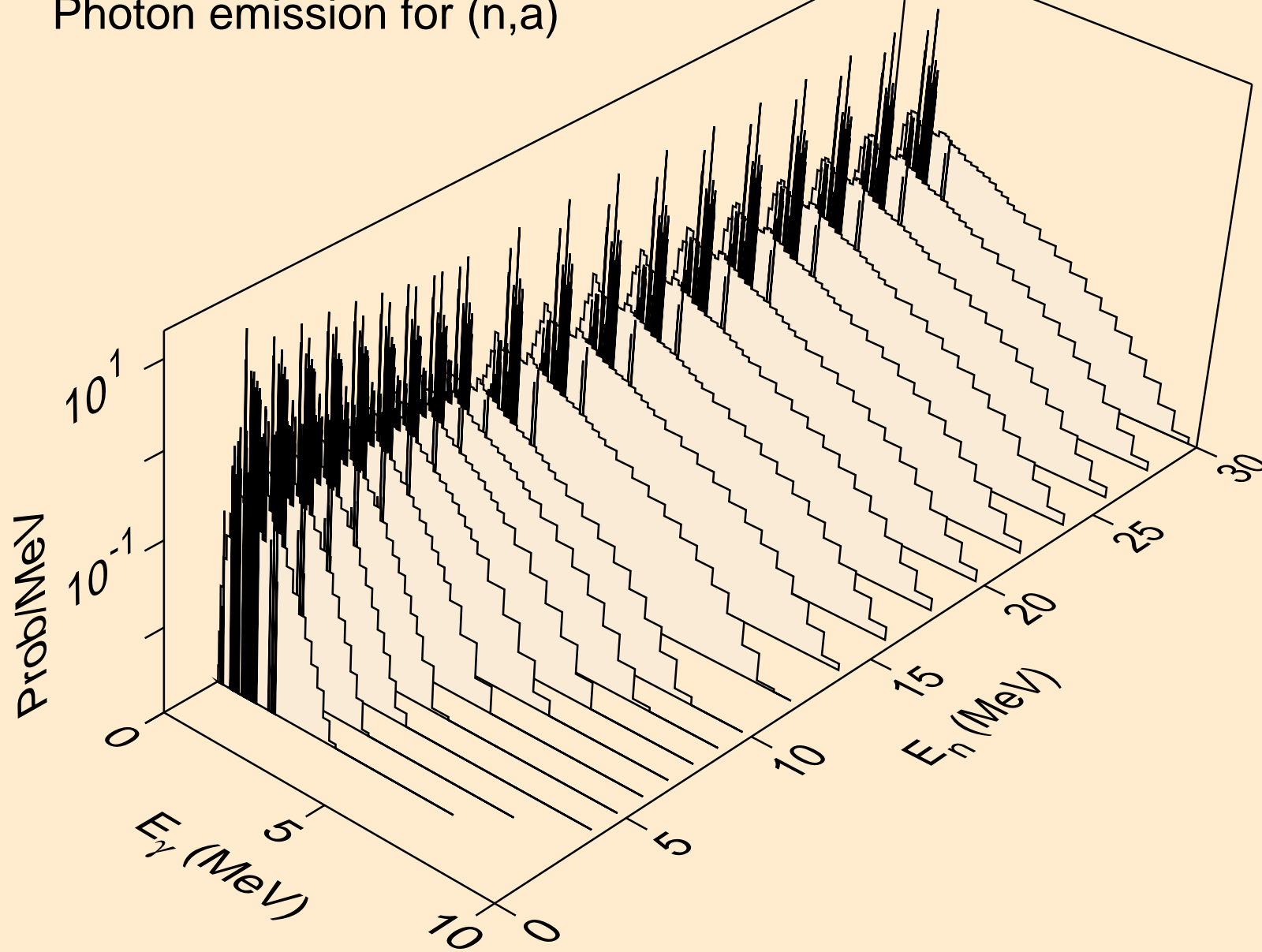
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Photon emission for (n,t)



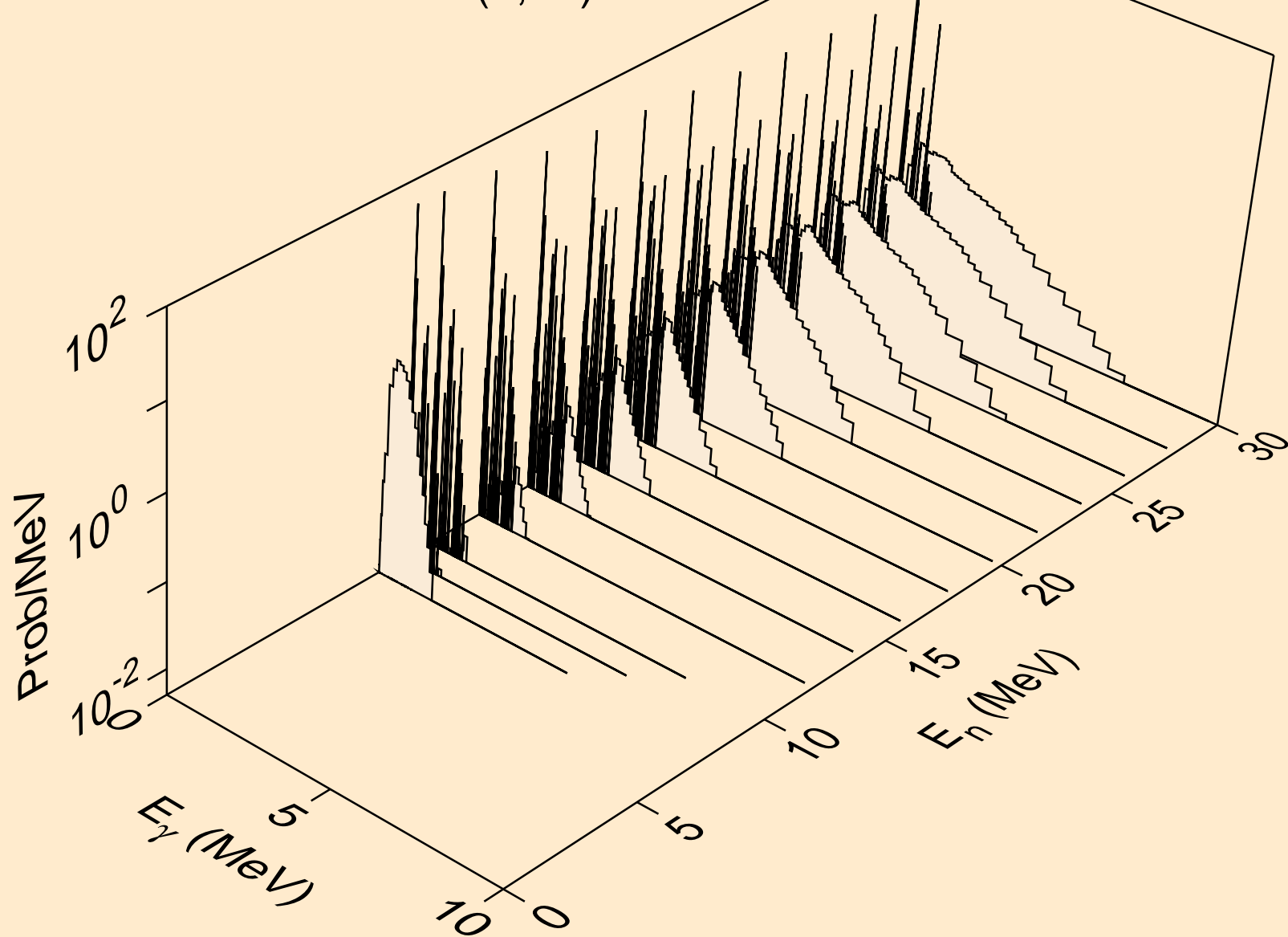
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Photon emission for (n,he3)



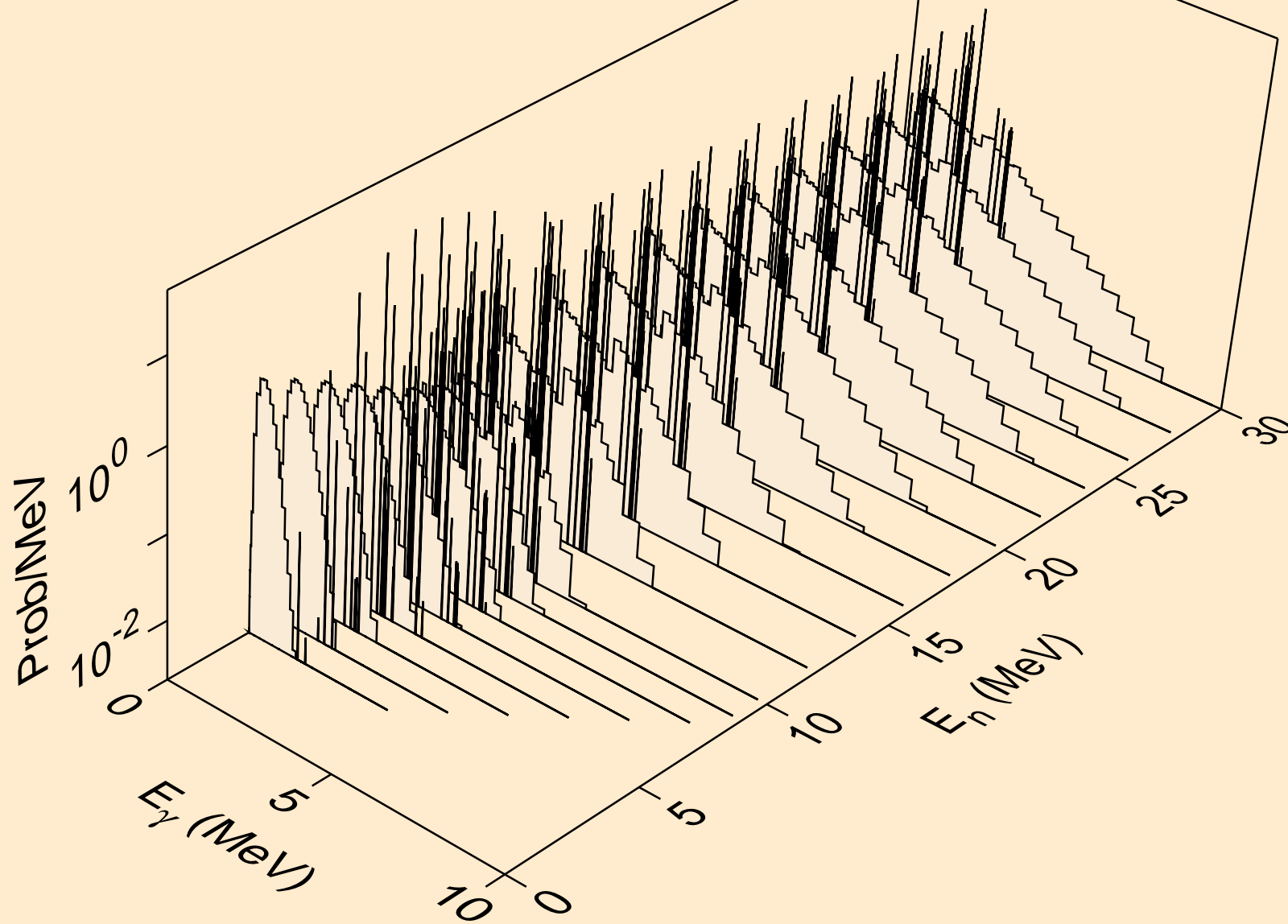
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Photon emission for (n,a)



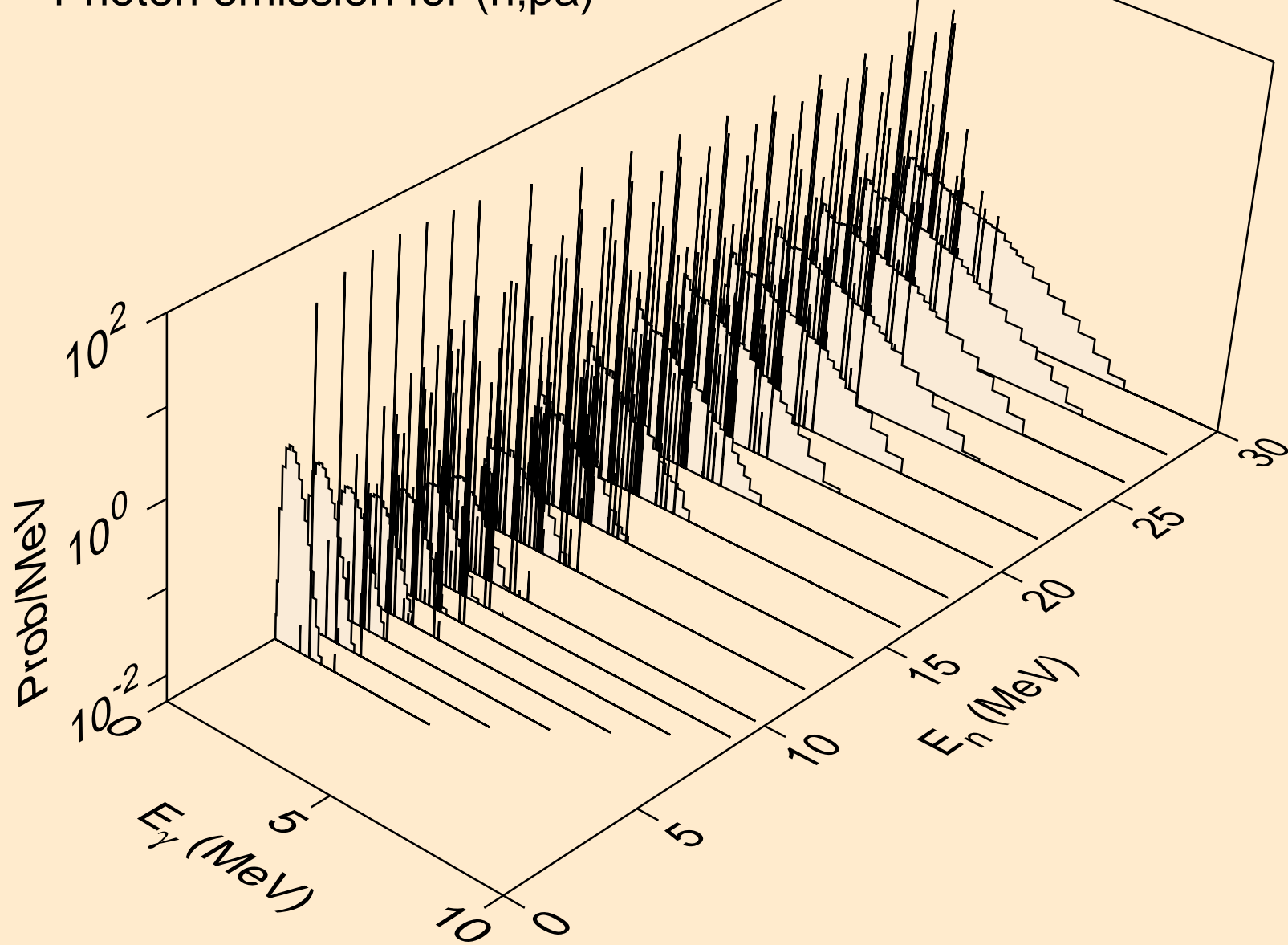
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Photon emission for (n,2a)



ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

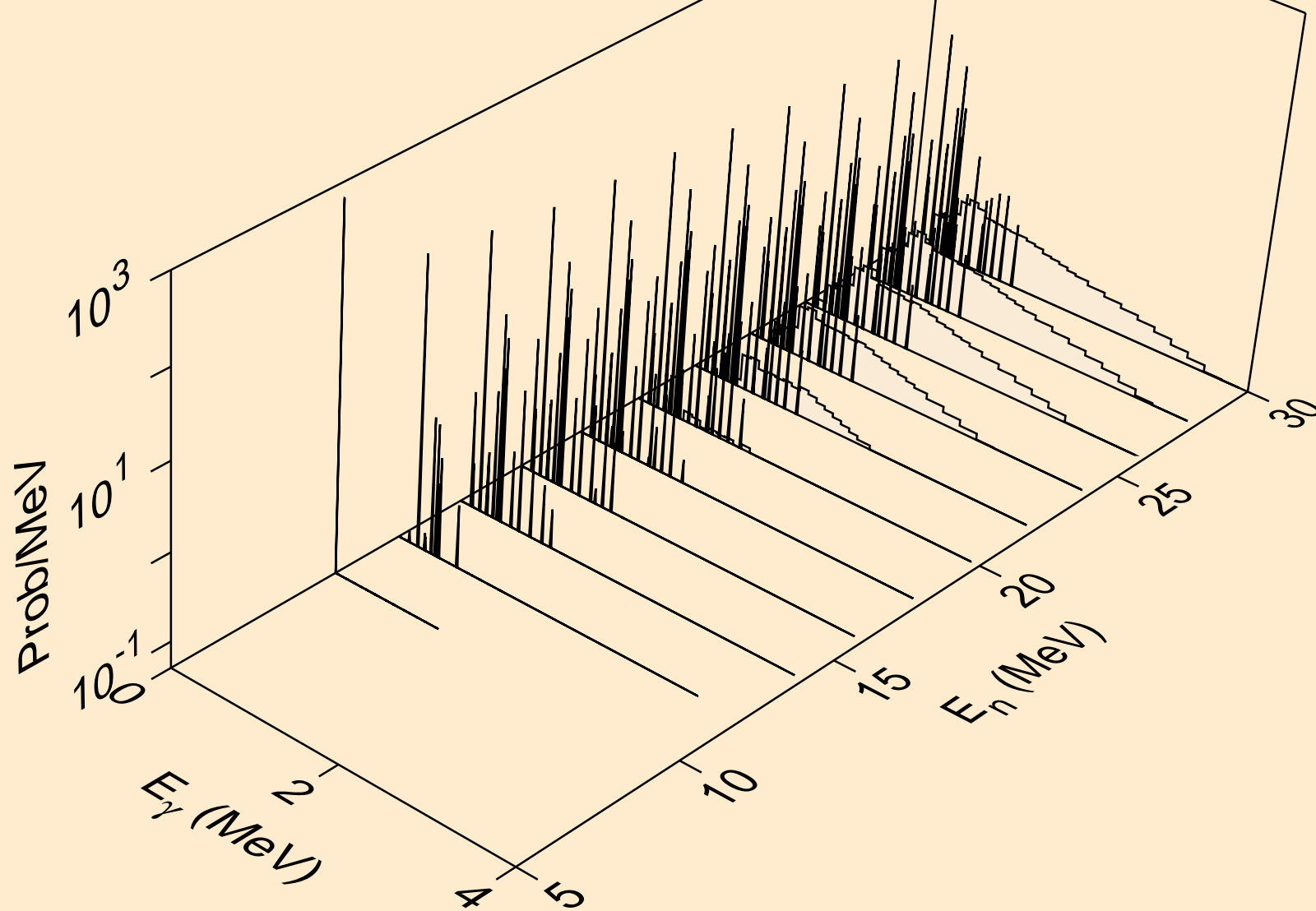


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Photon emission for (n,p $\alpha$ )

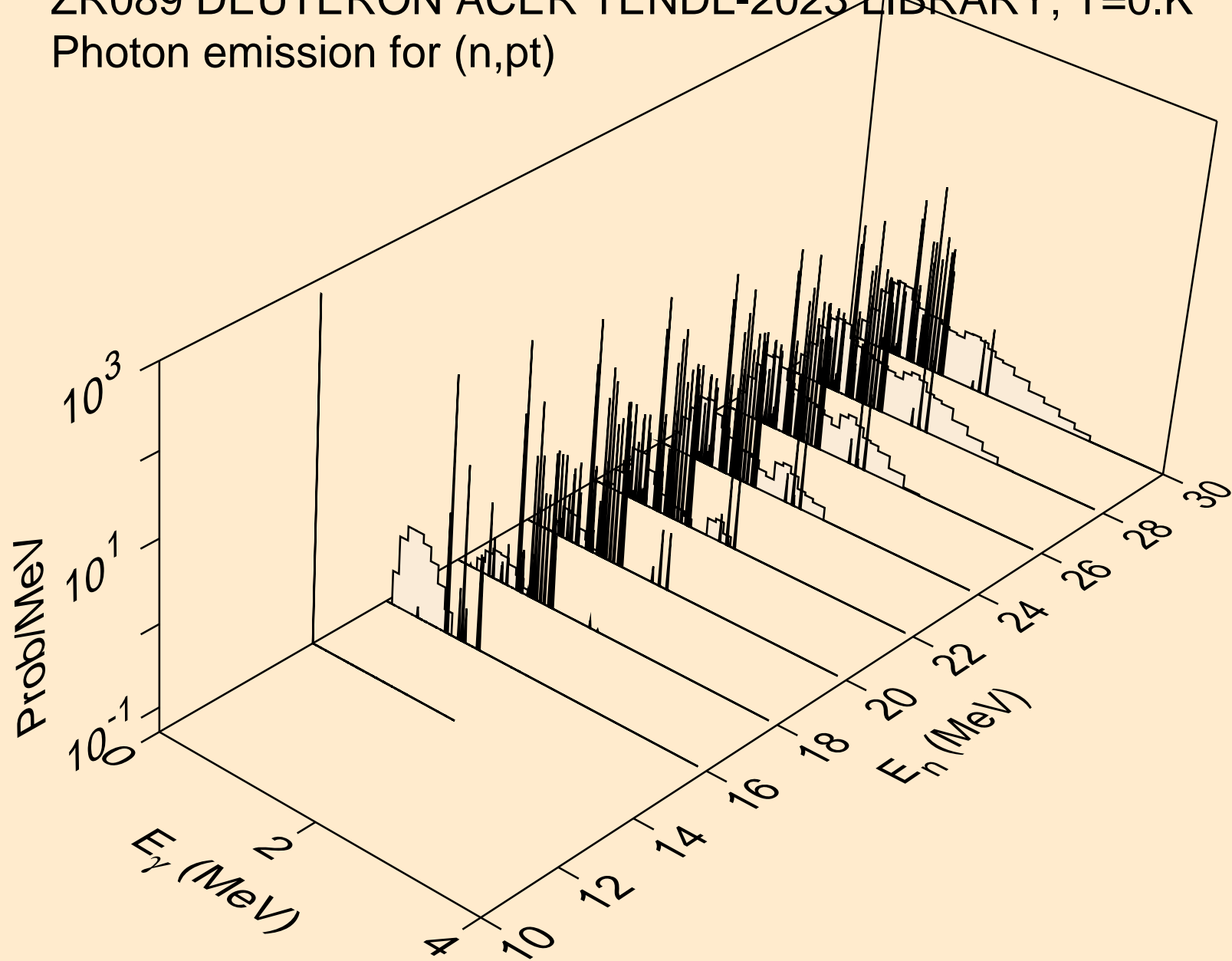




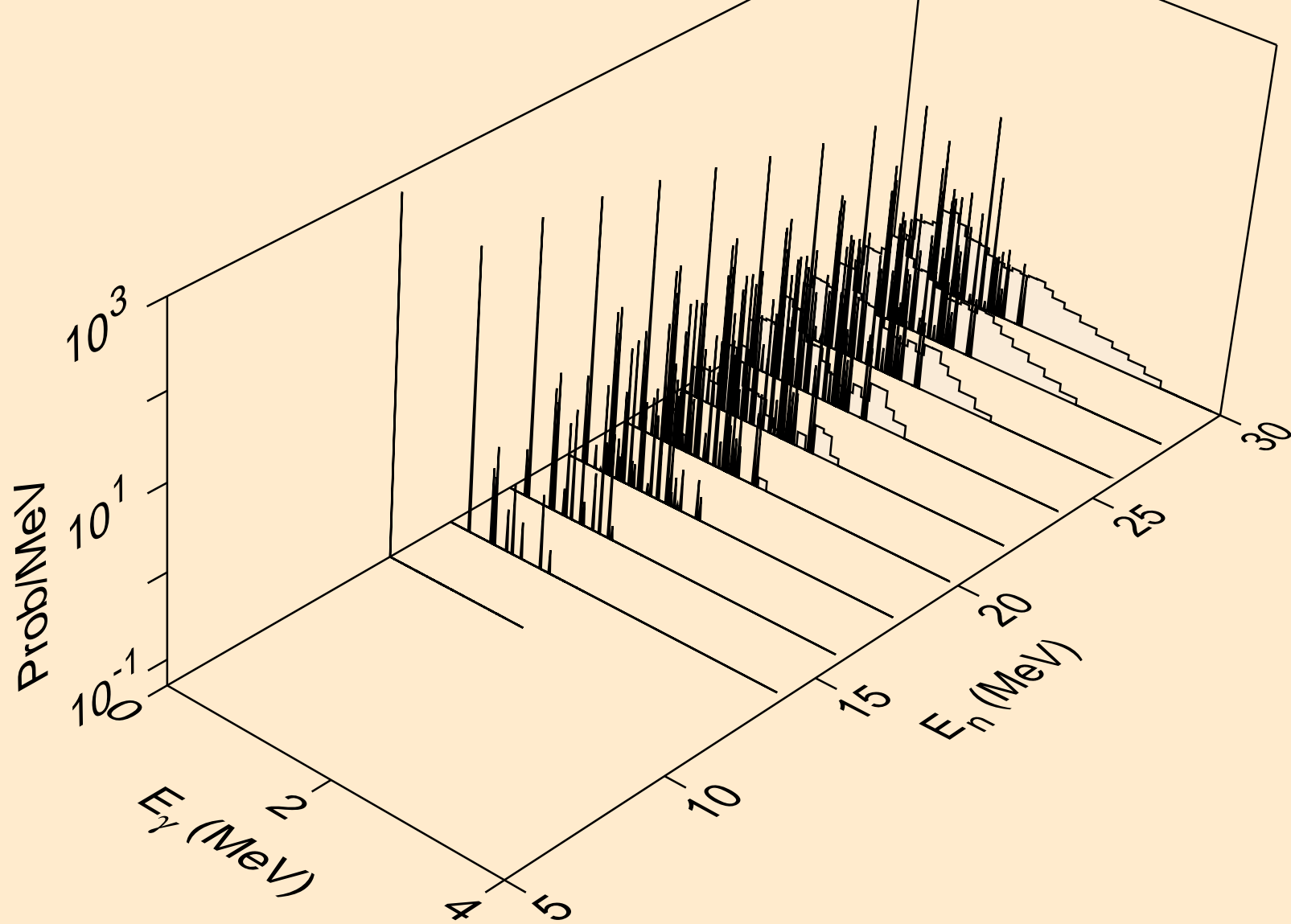
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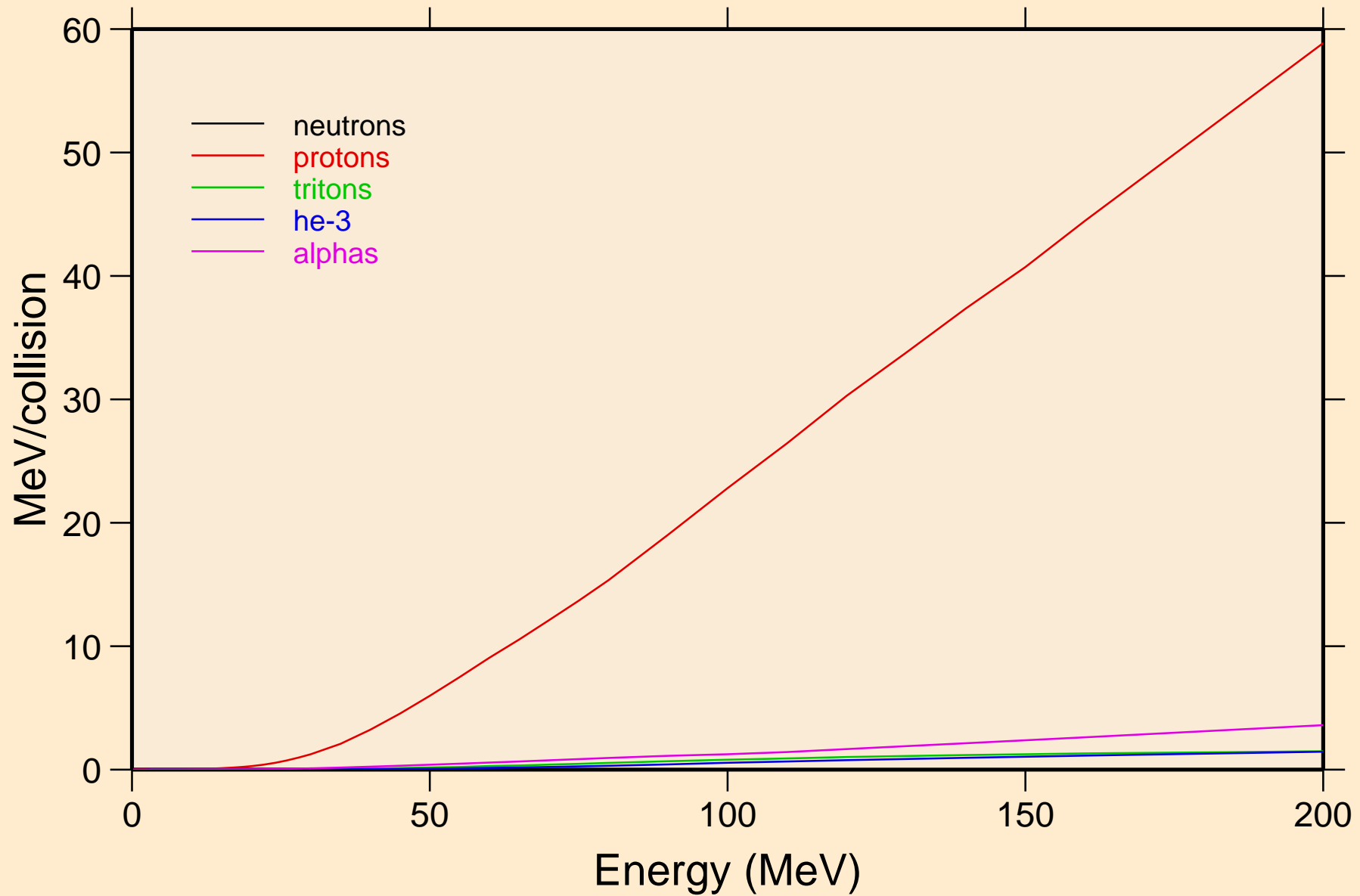
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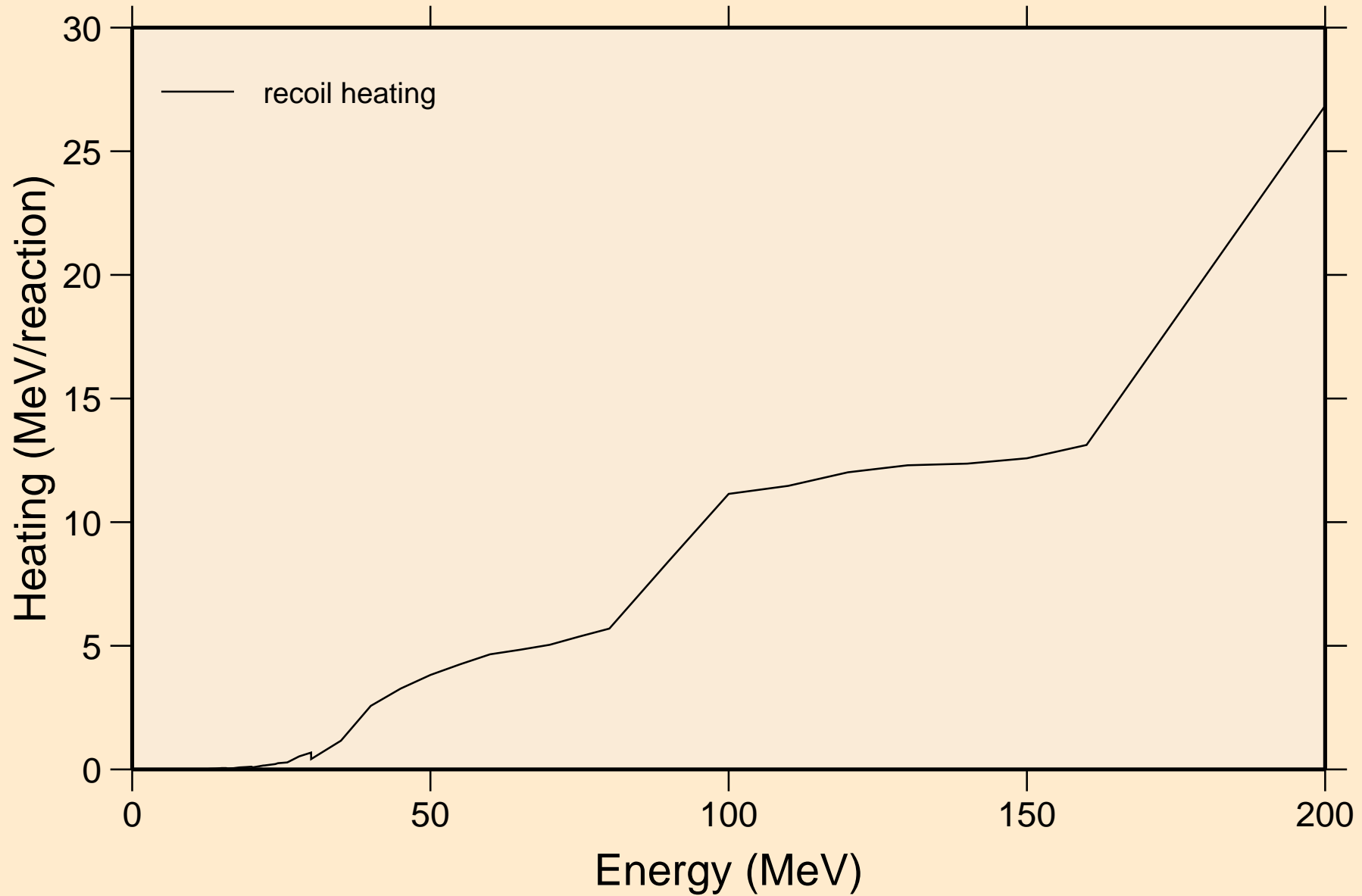
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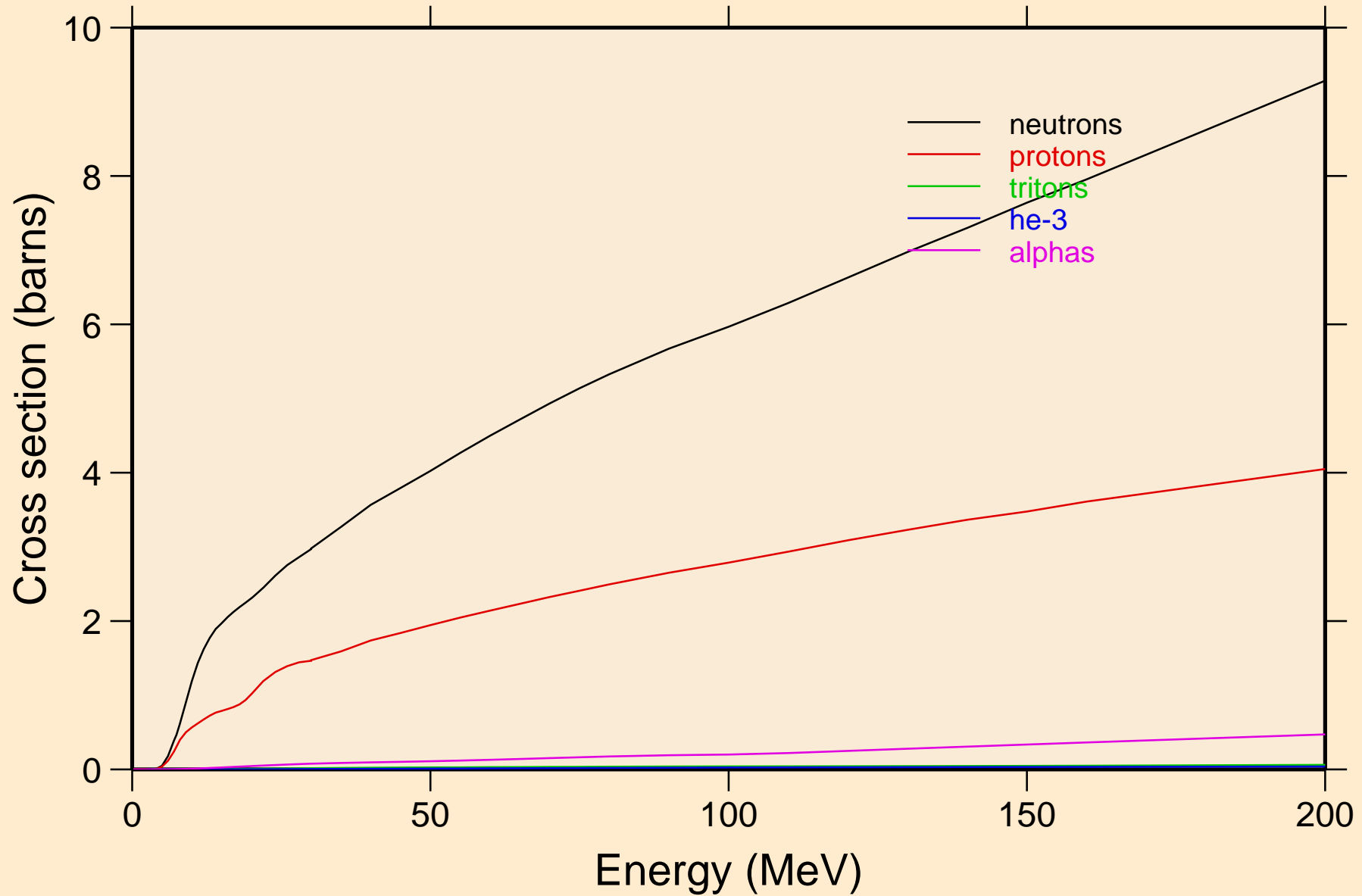
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Particle heating contributions



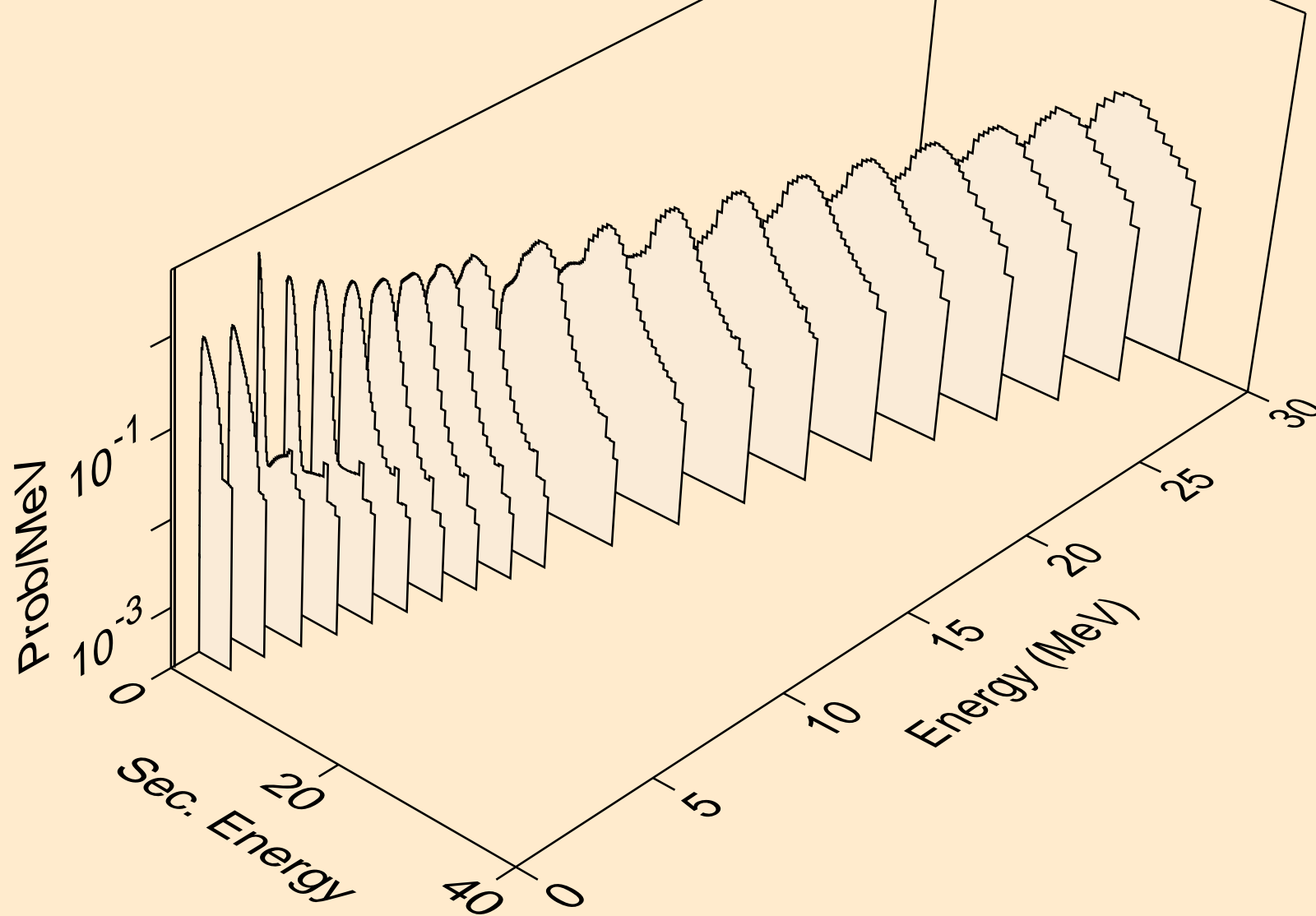
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Recoil Heating



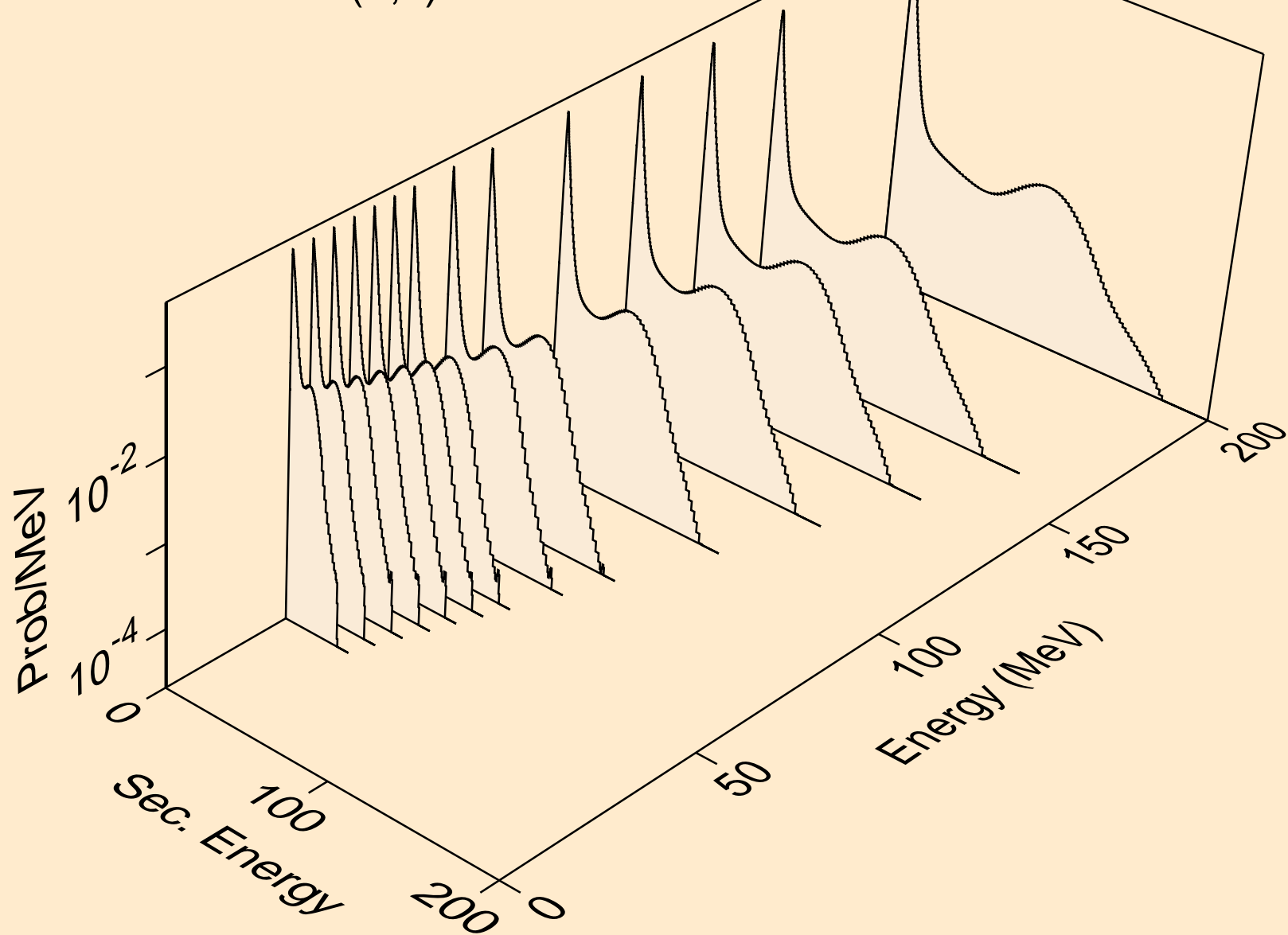
ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n)

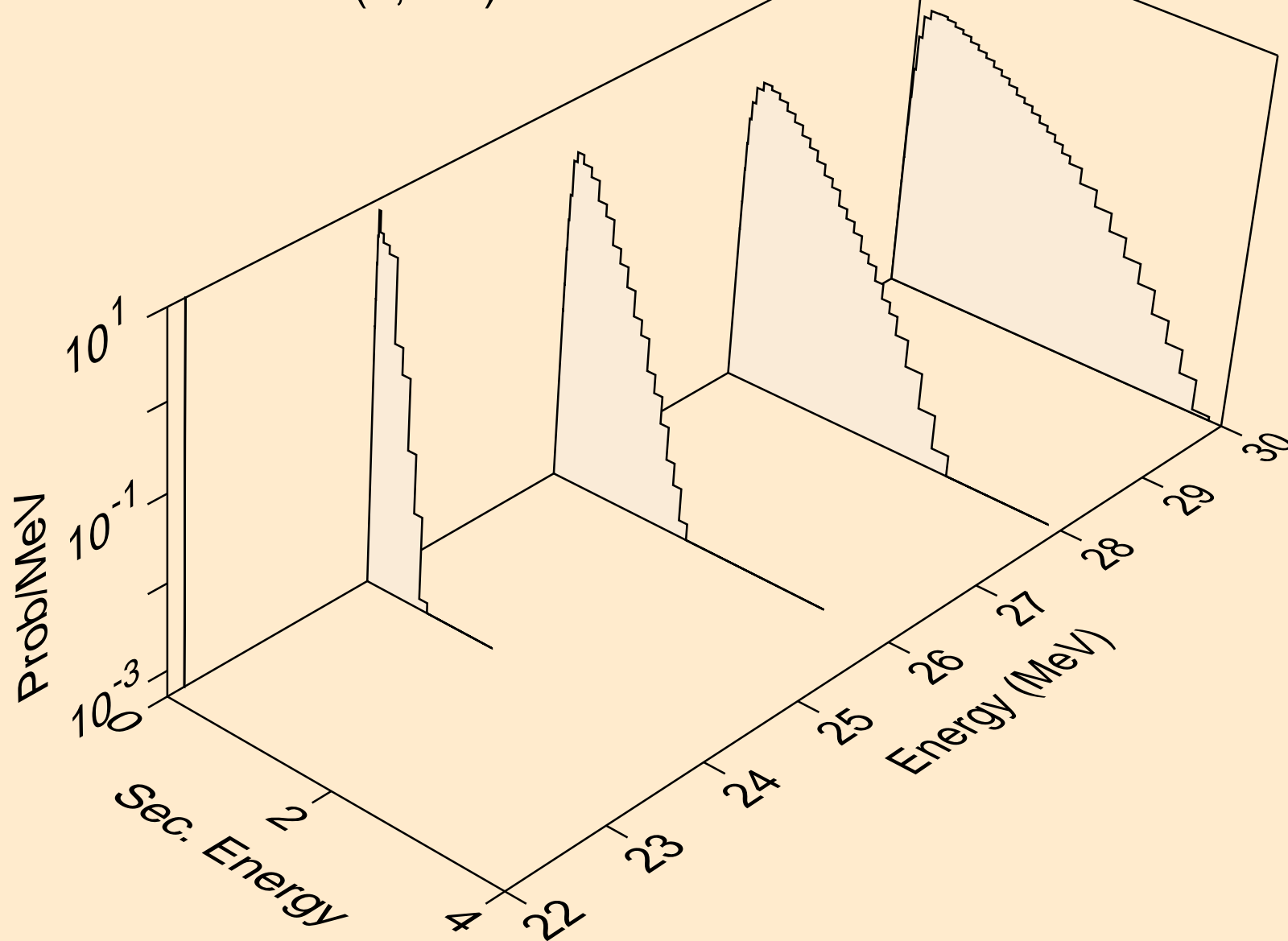


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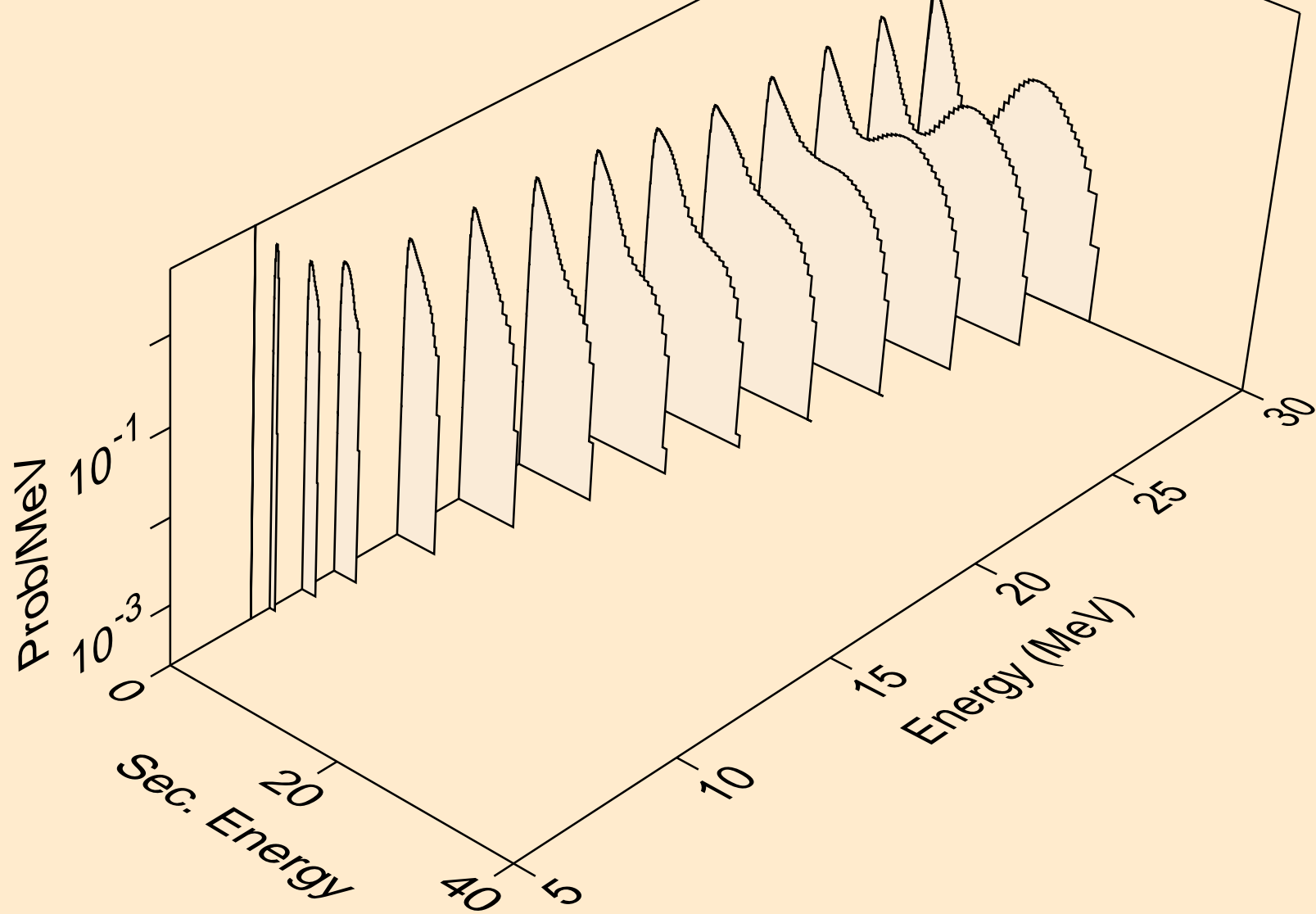




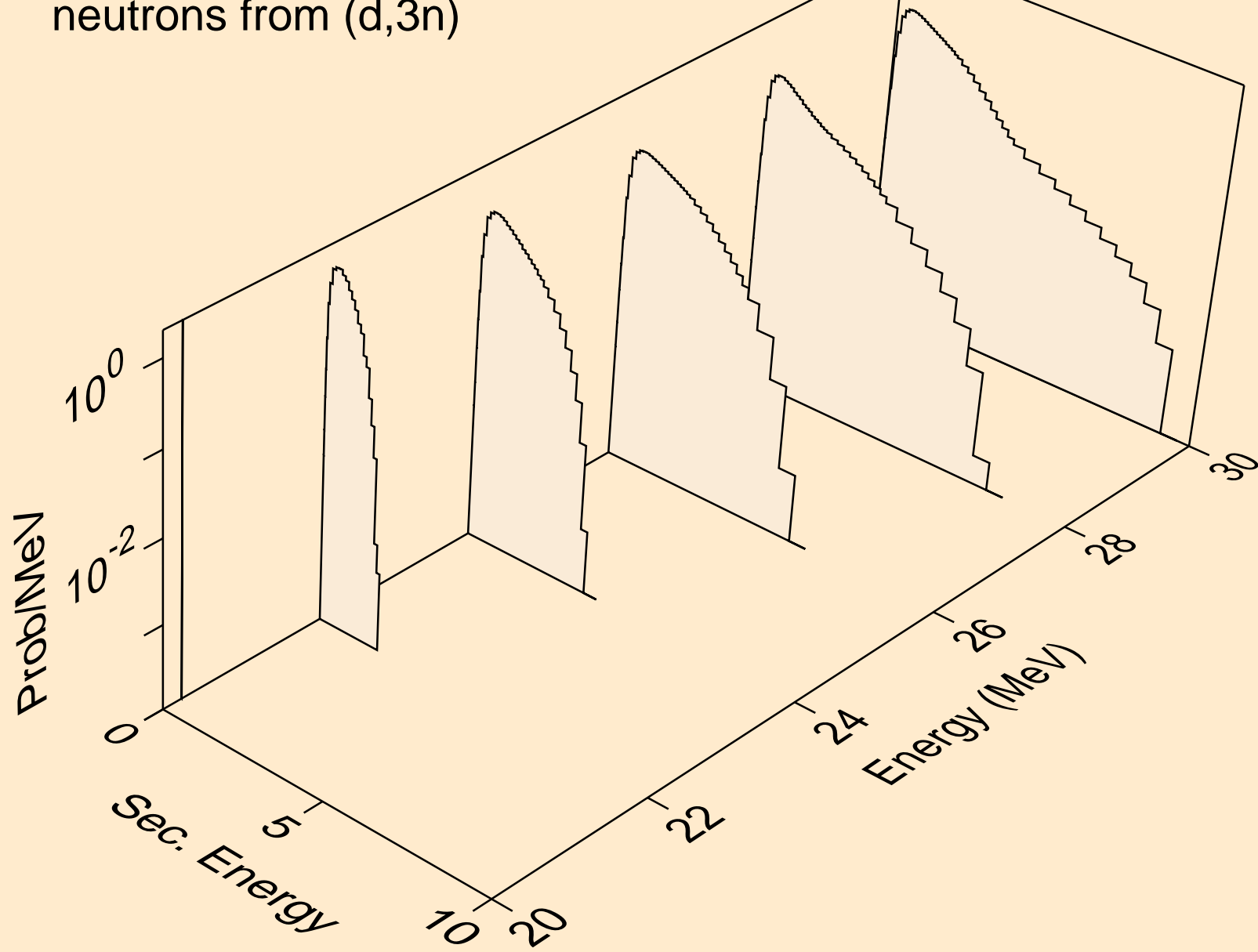
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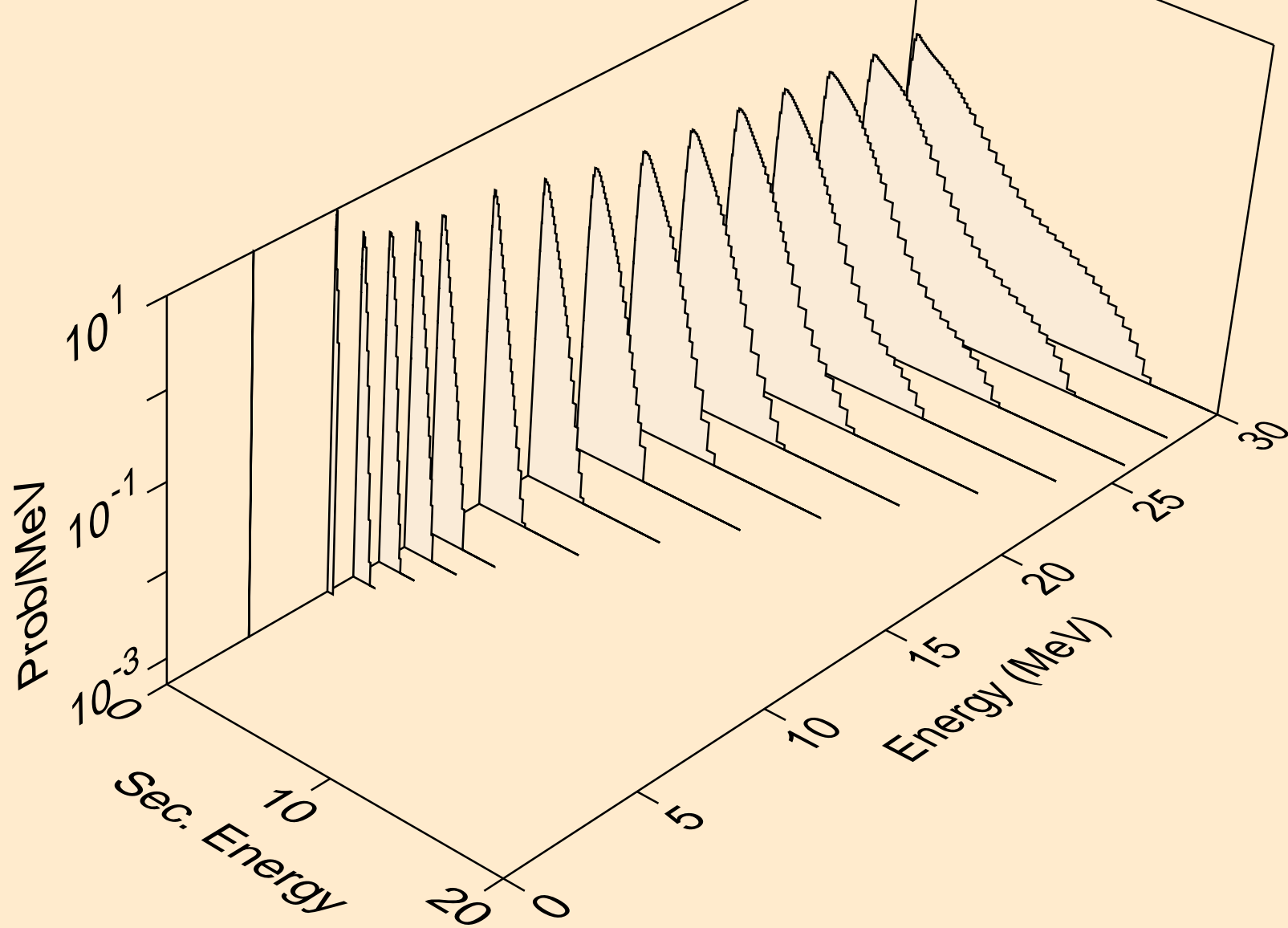
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neutrons from (d,2n)



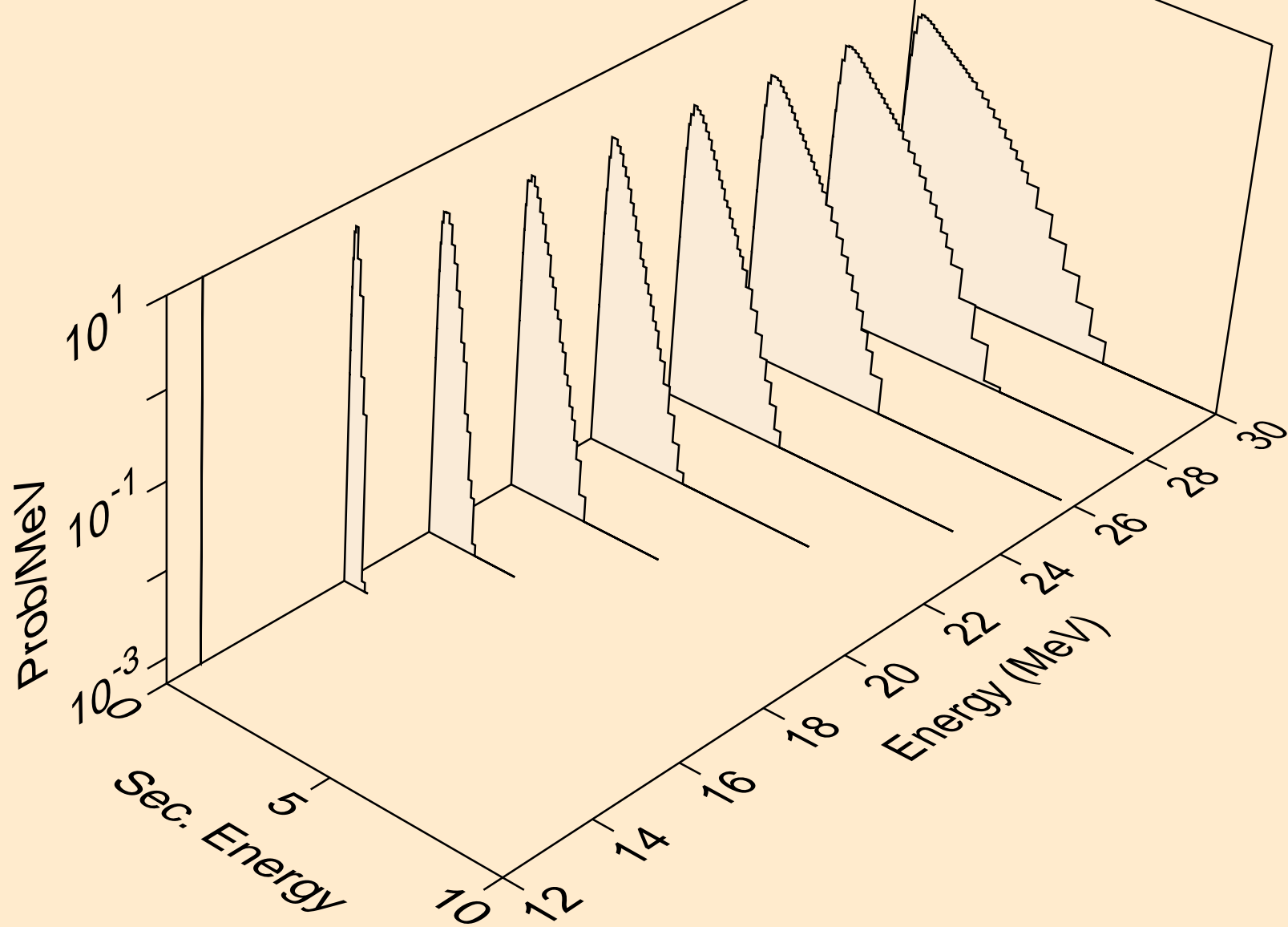
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neutrons from (d,3n)



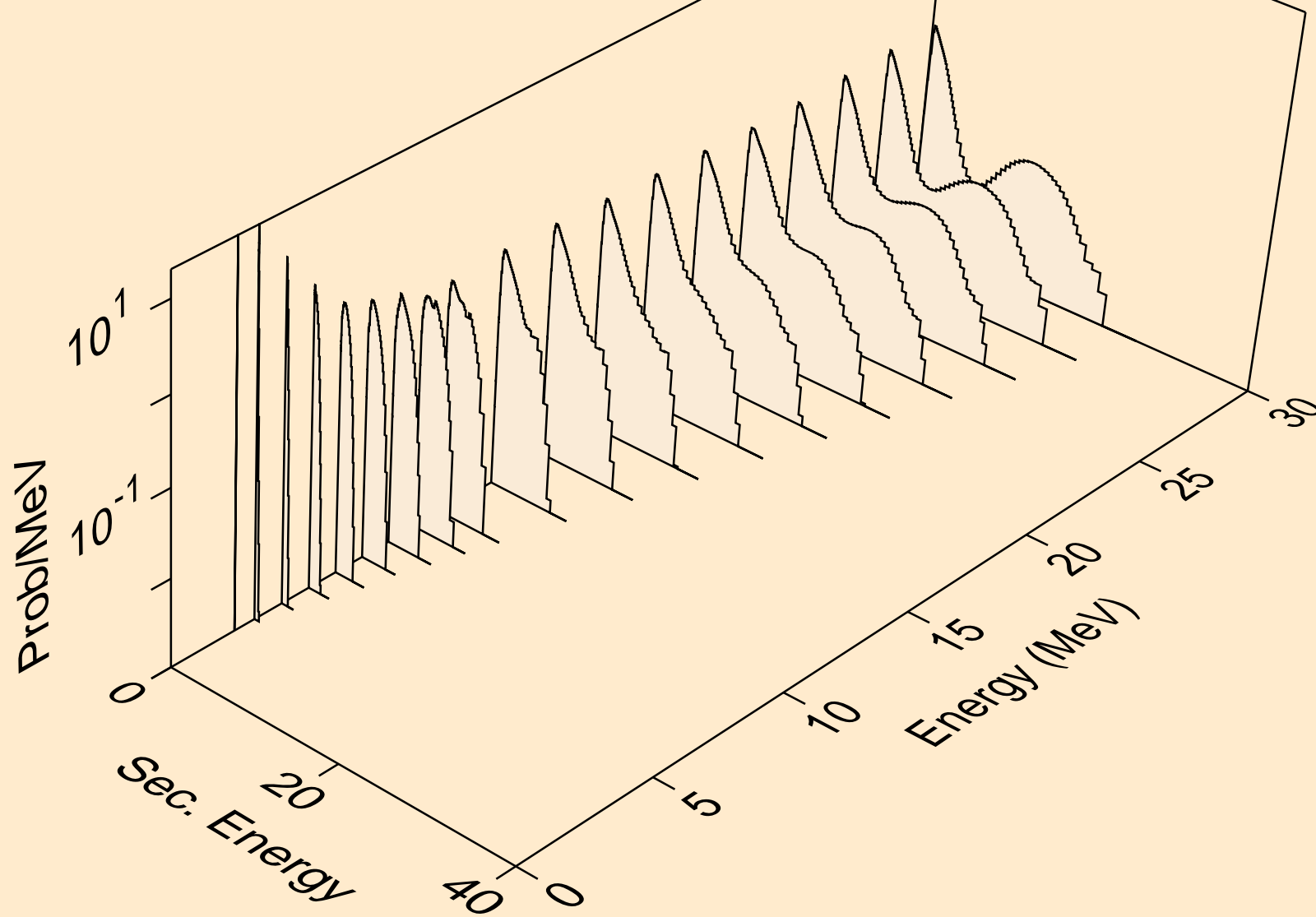
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neutrons from (d,n\*)a



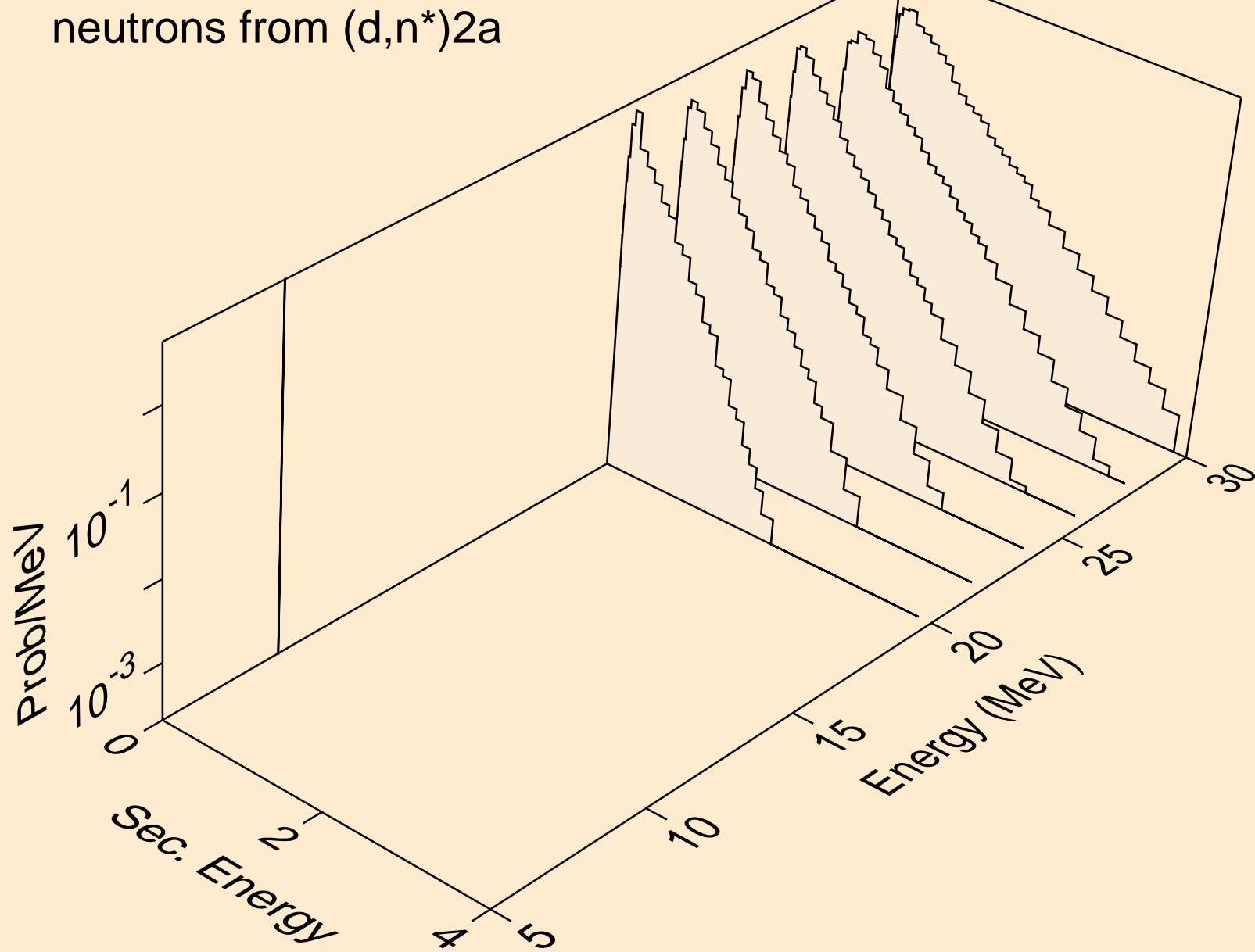
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neutrons from (d,2n)a



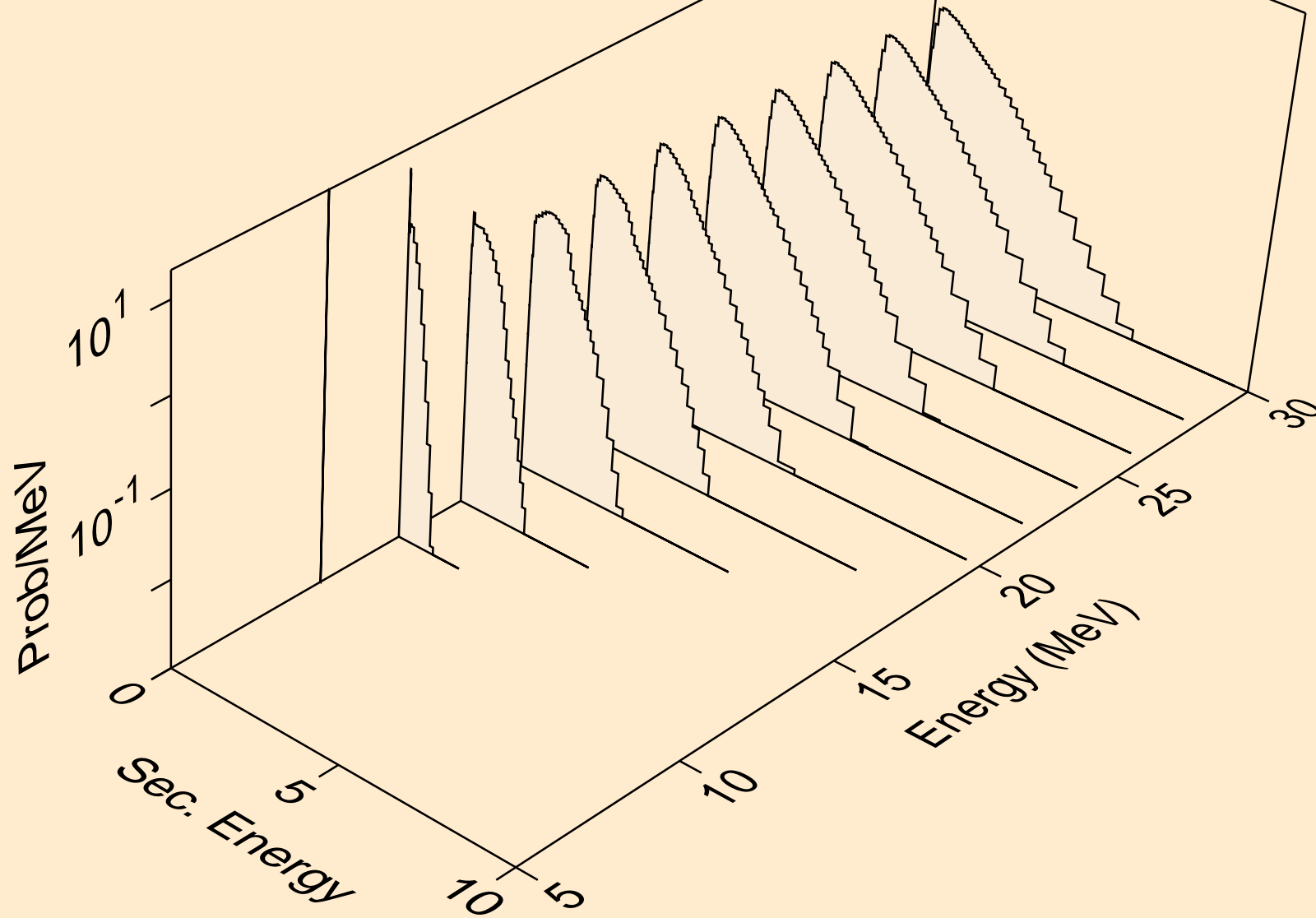
ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)p



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neutrons from (d,n\*)2a

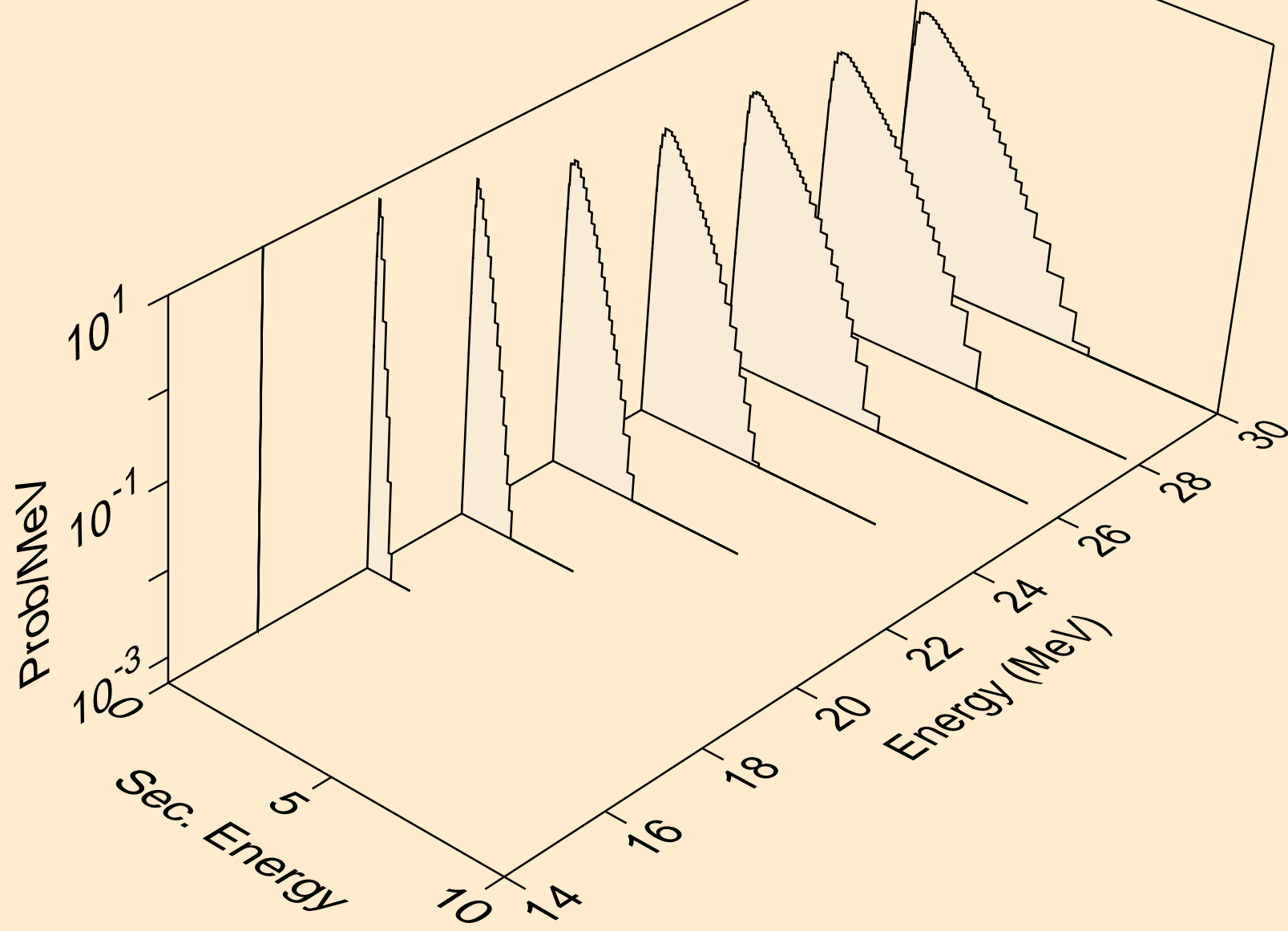


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neutrons from (d,n\*)d

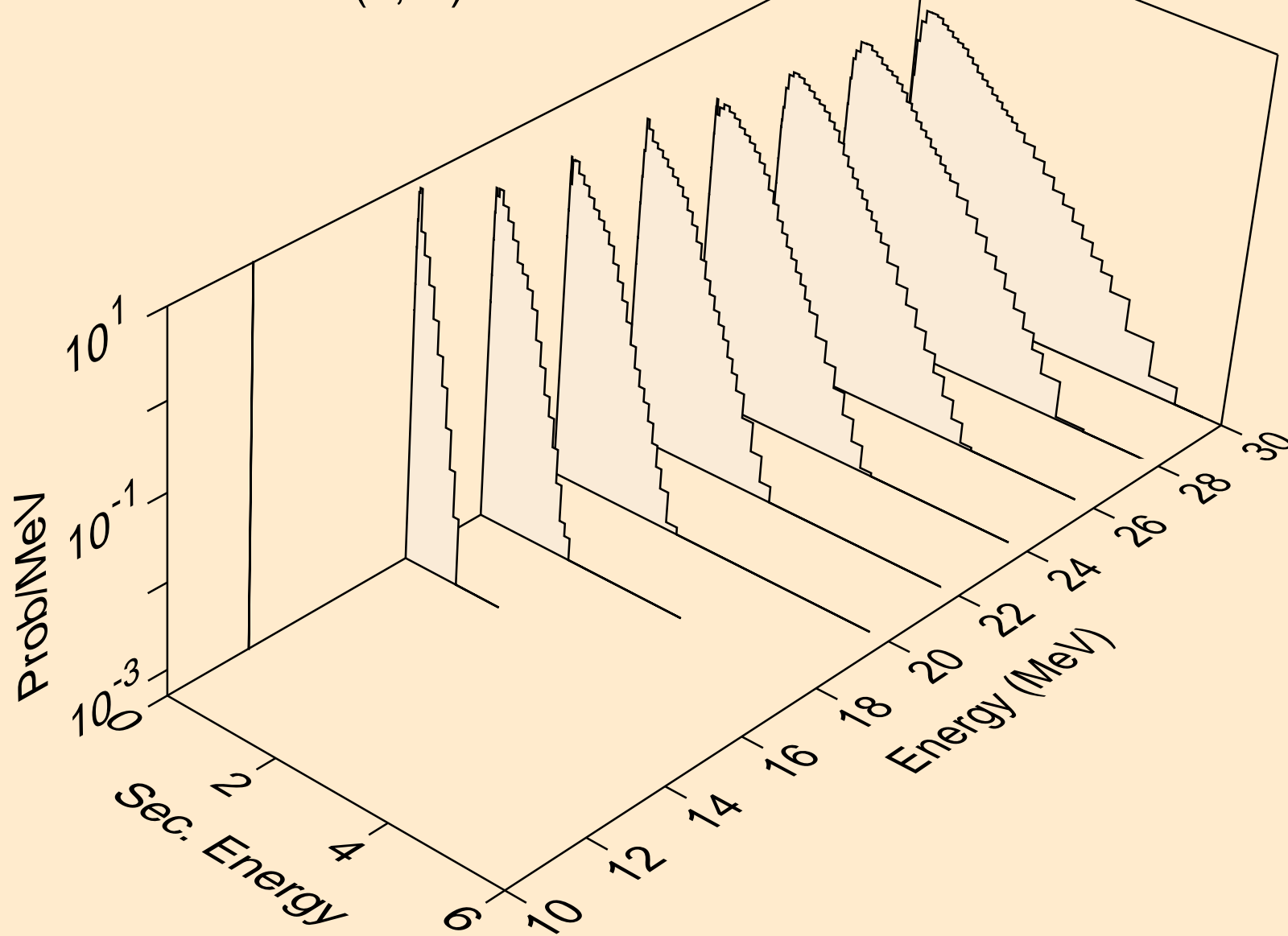




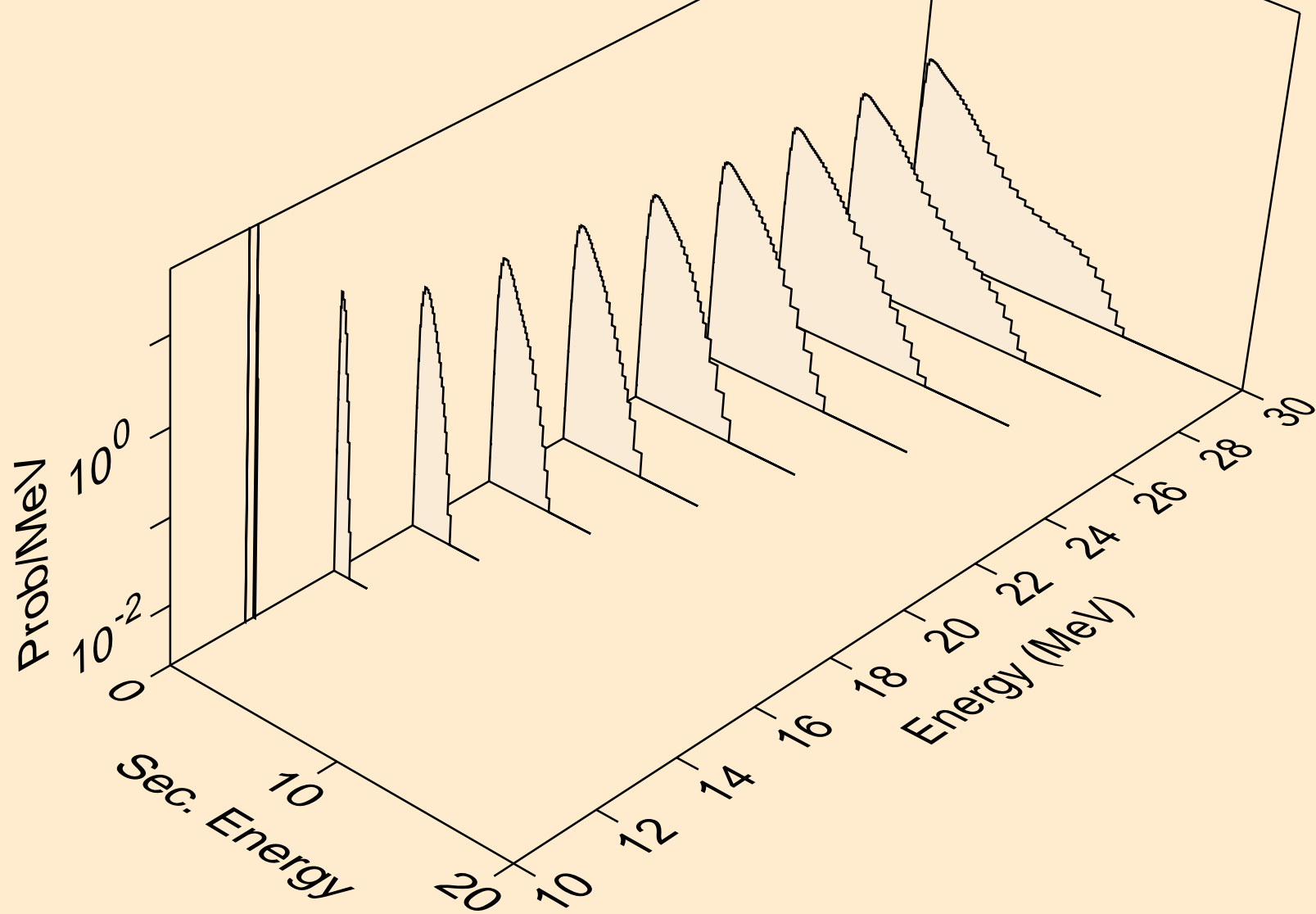
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neutrons from (d,n\*)t



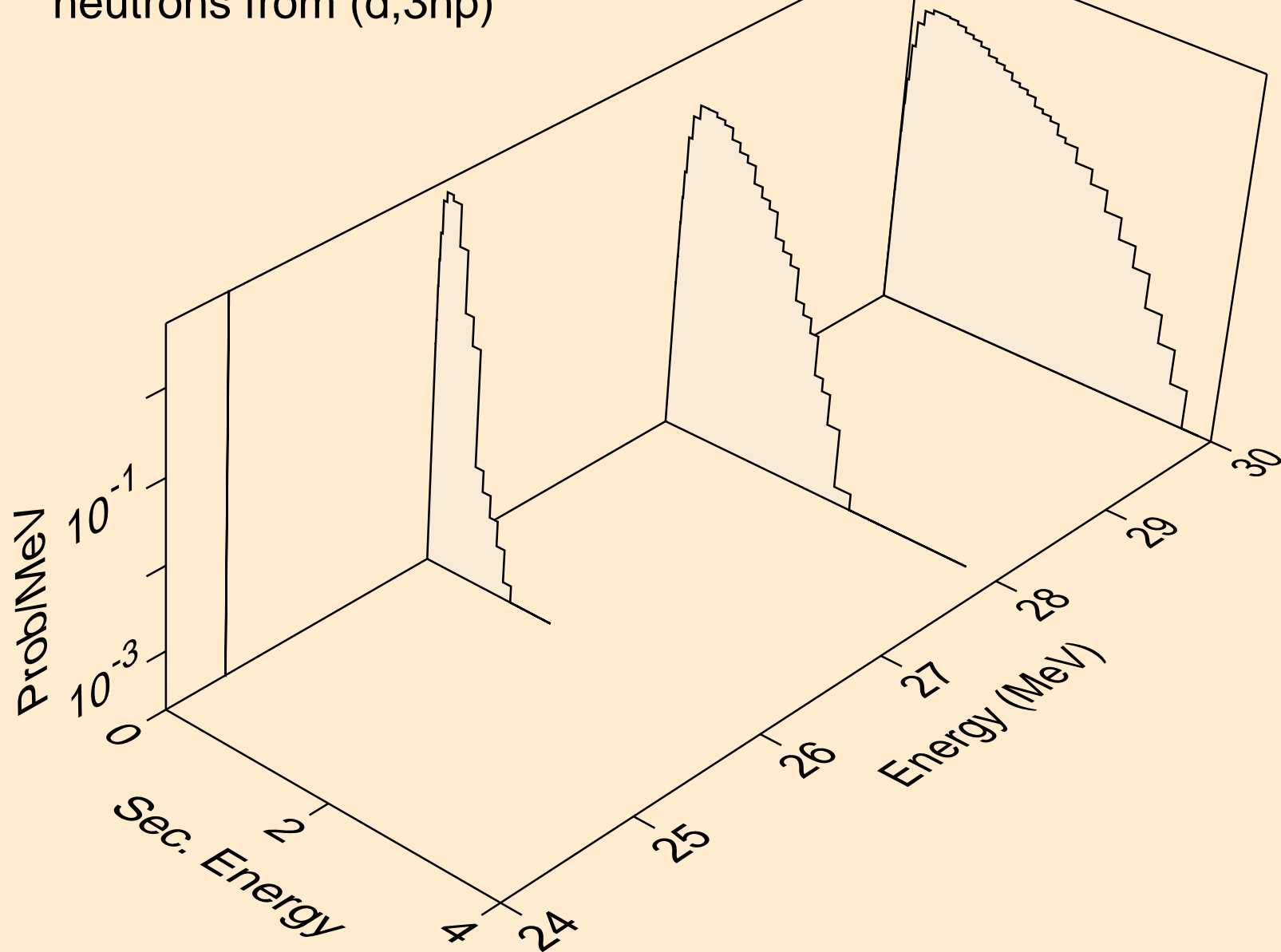
ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)he3



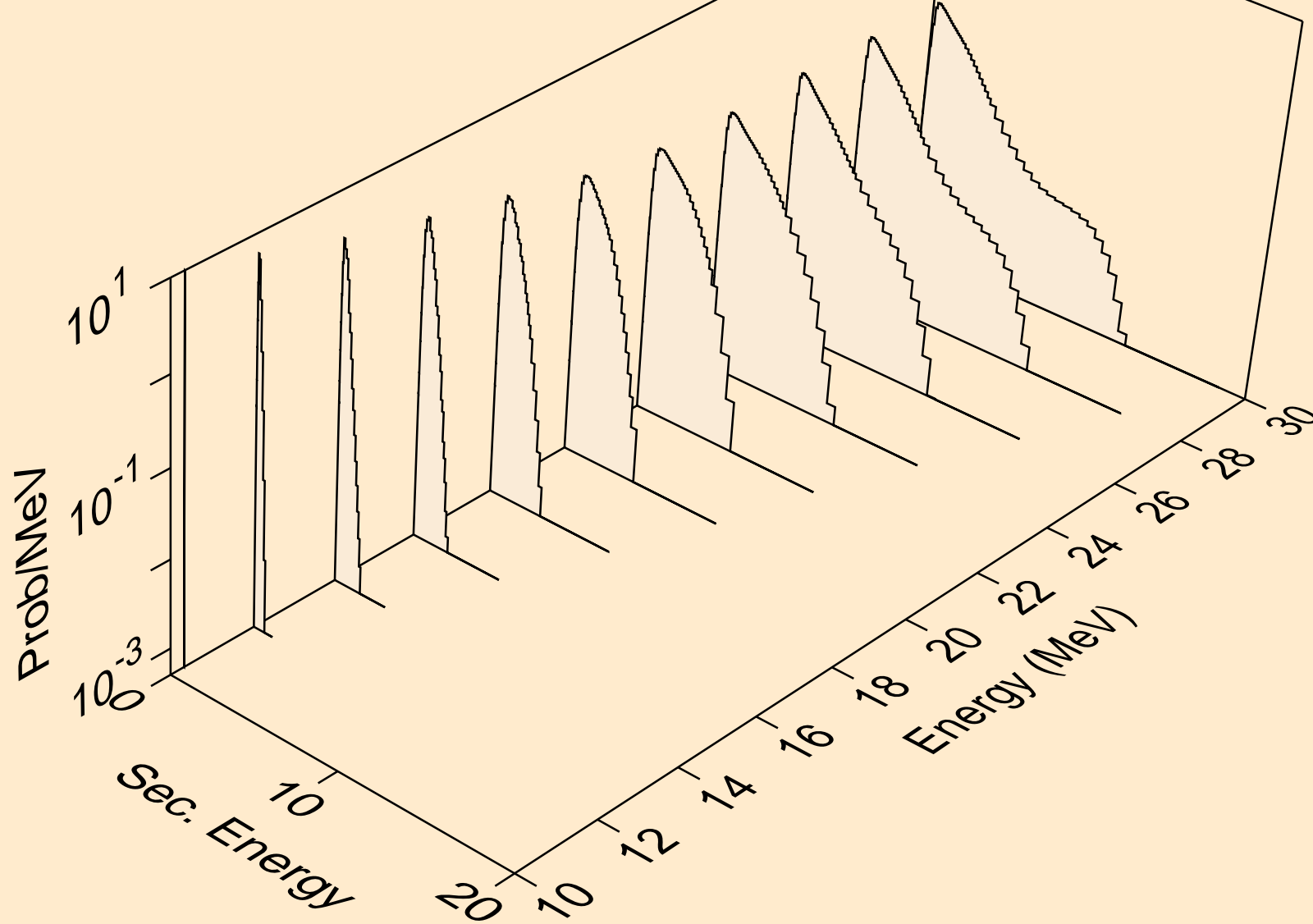
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neutrons from (d,2np)



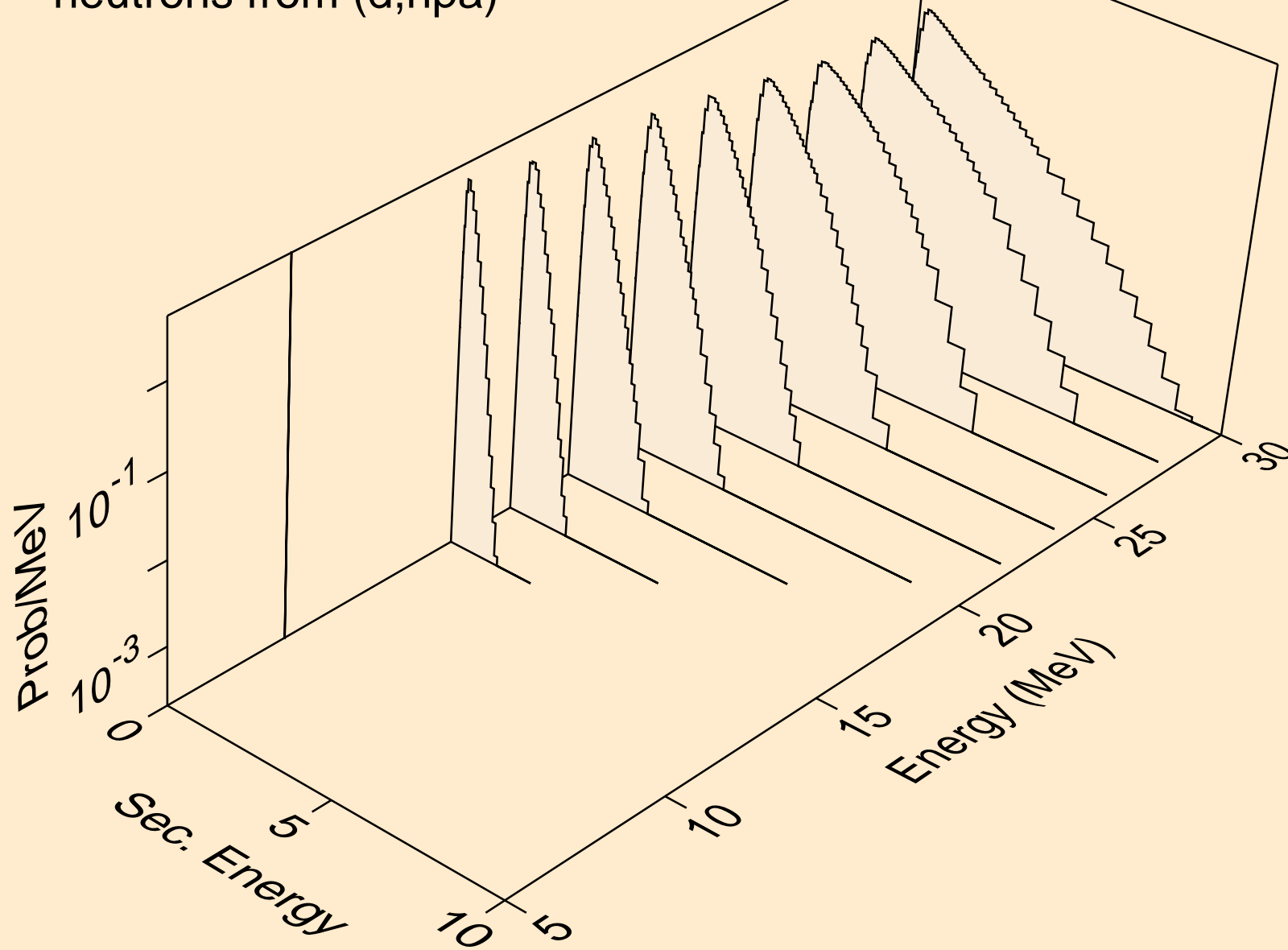
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neutrons from (d,3np)



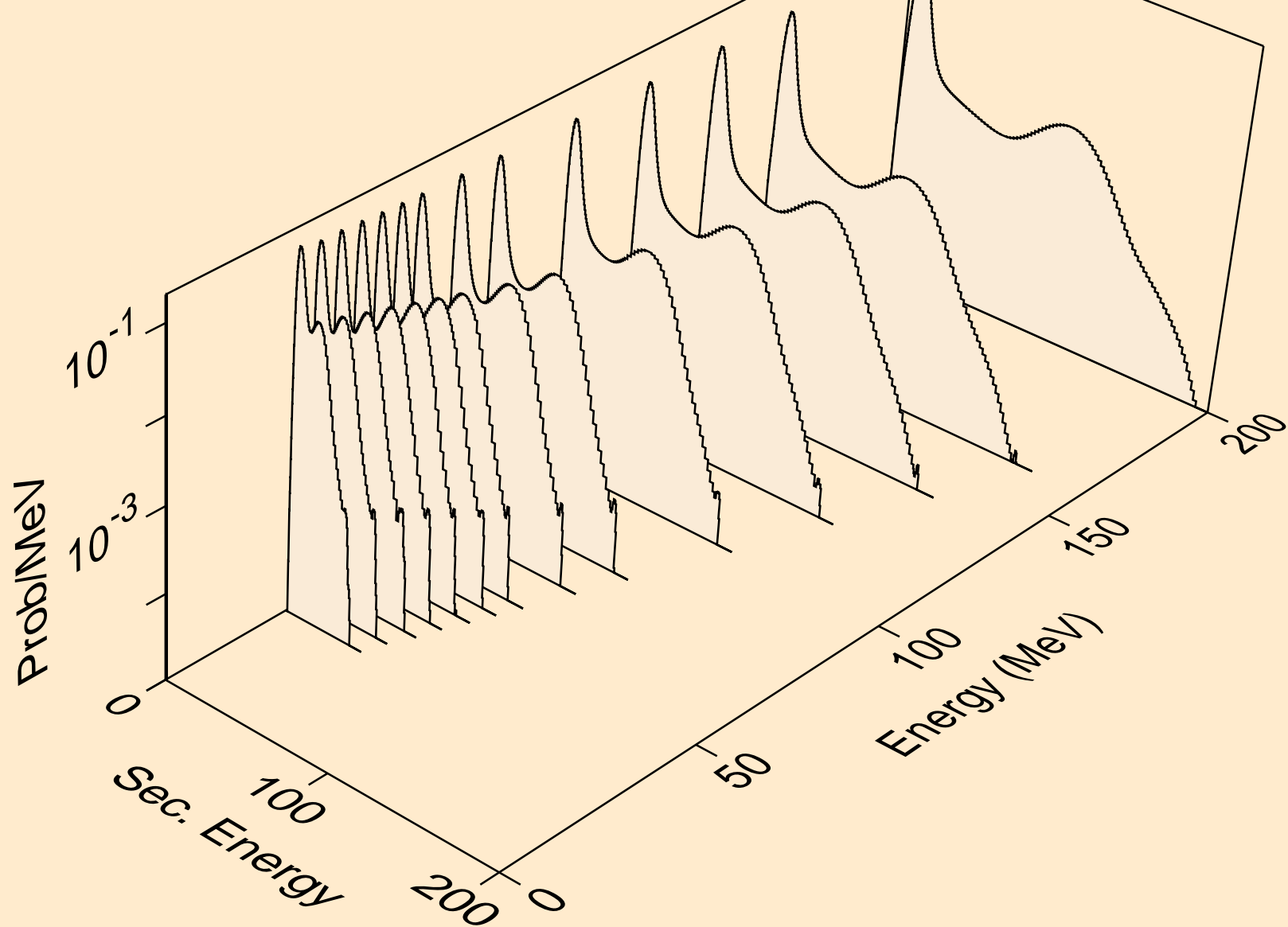
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neutrons from (d,n2p)



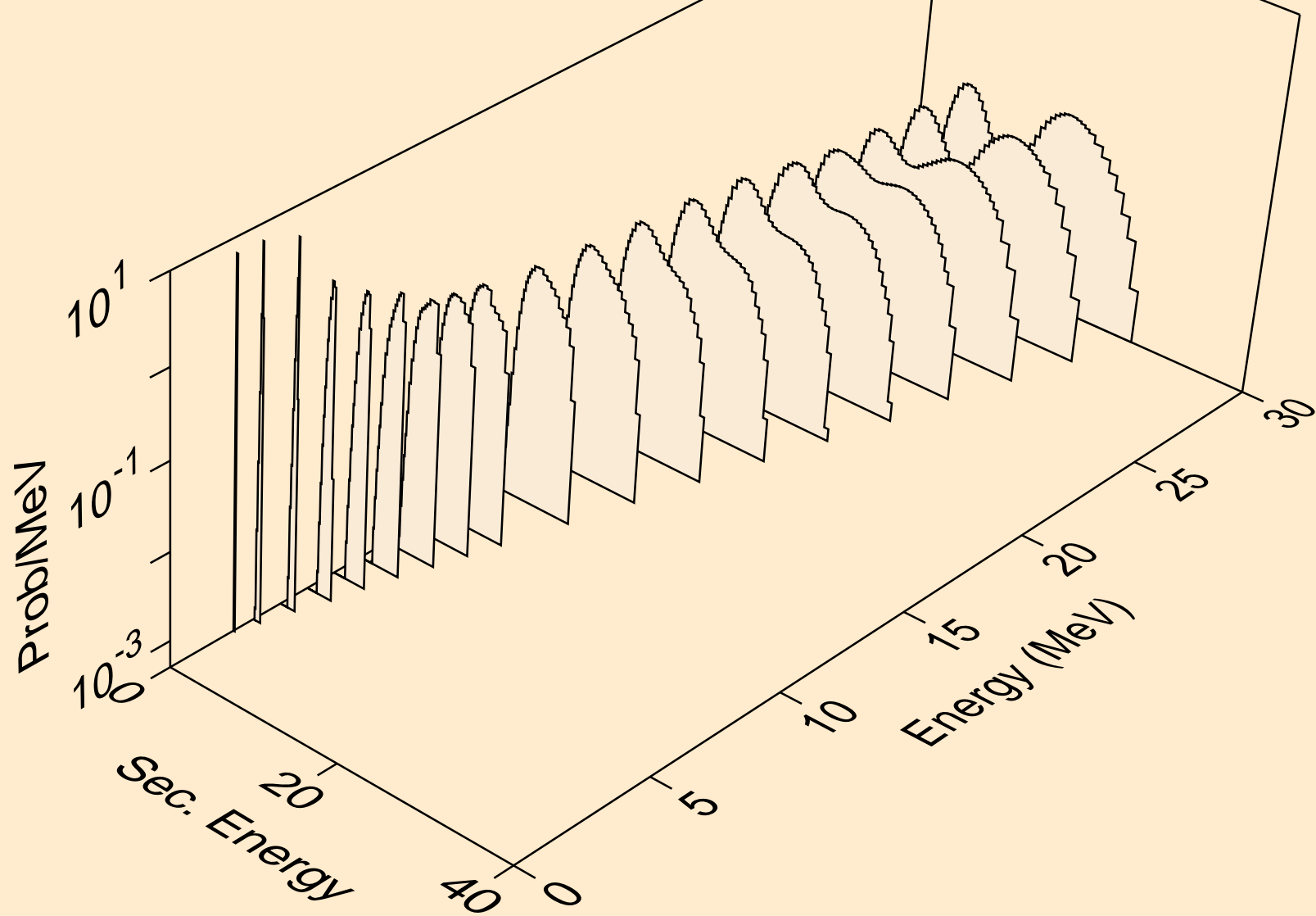
ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,npa)



ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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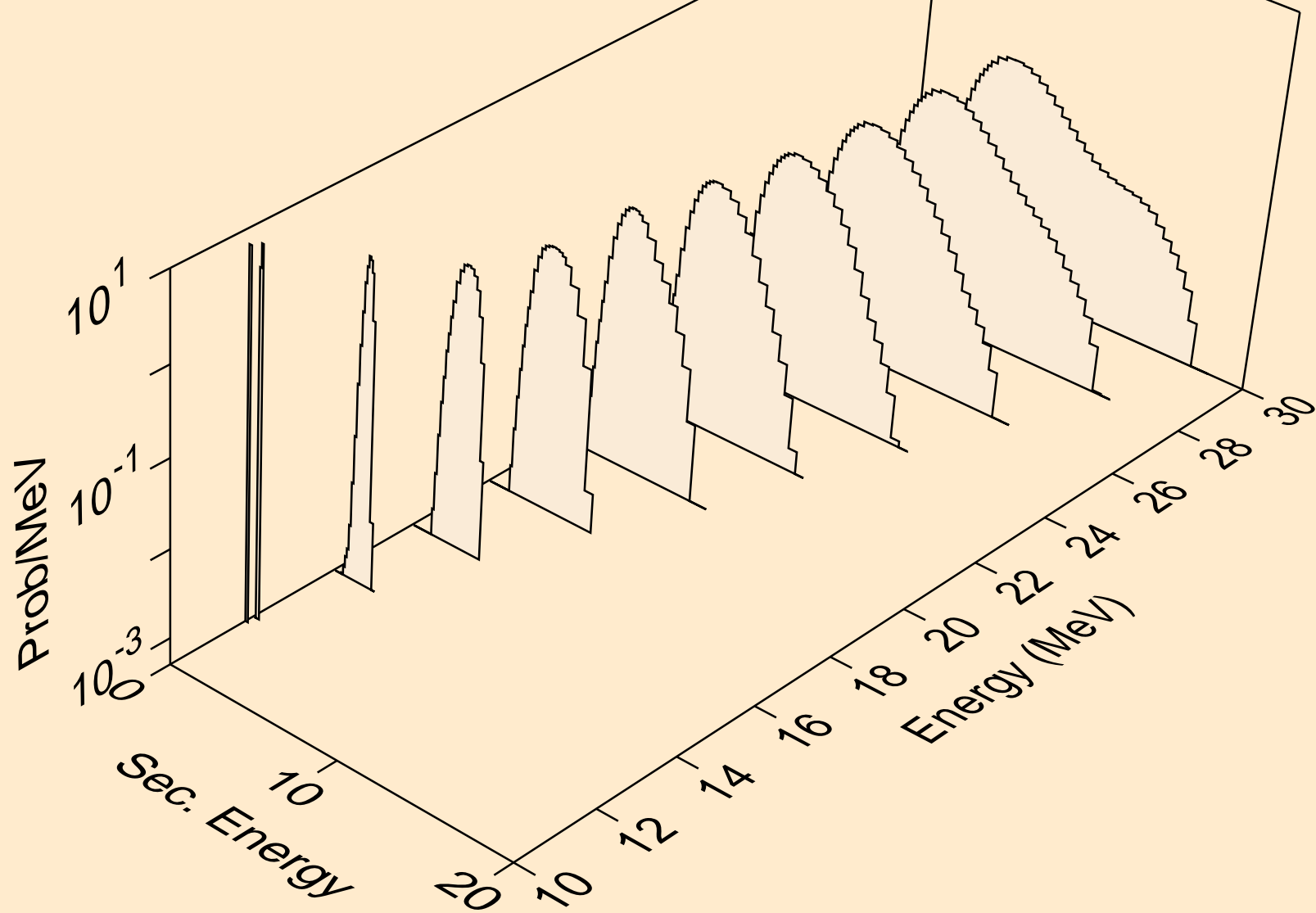


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protons from (d,n\*)p

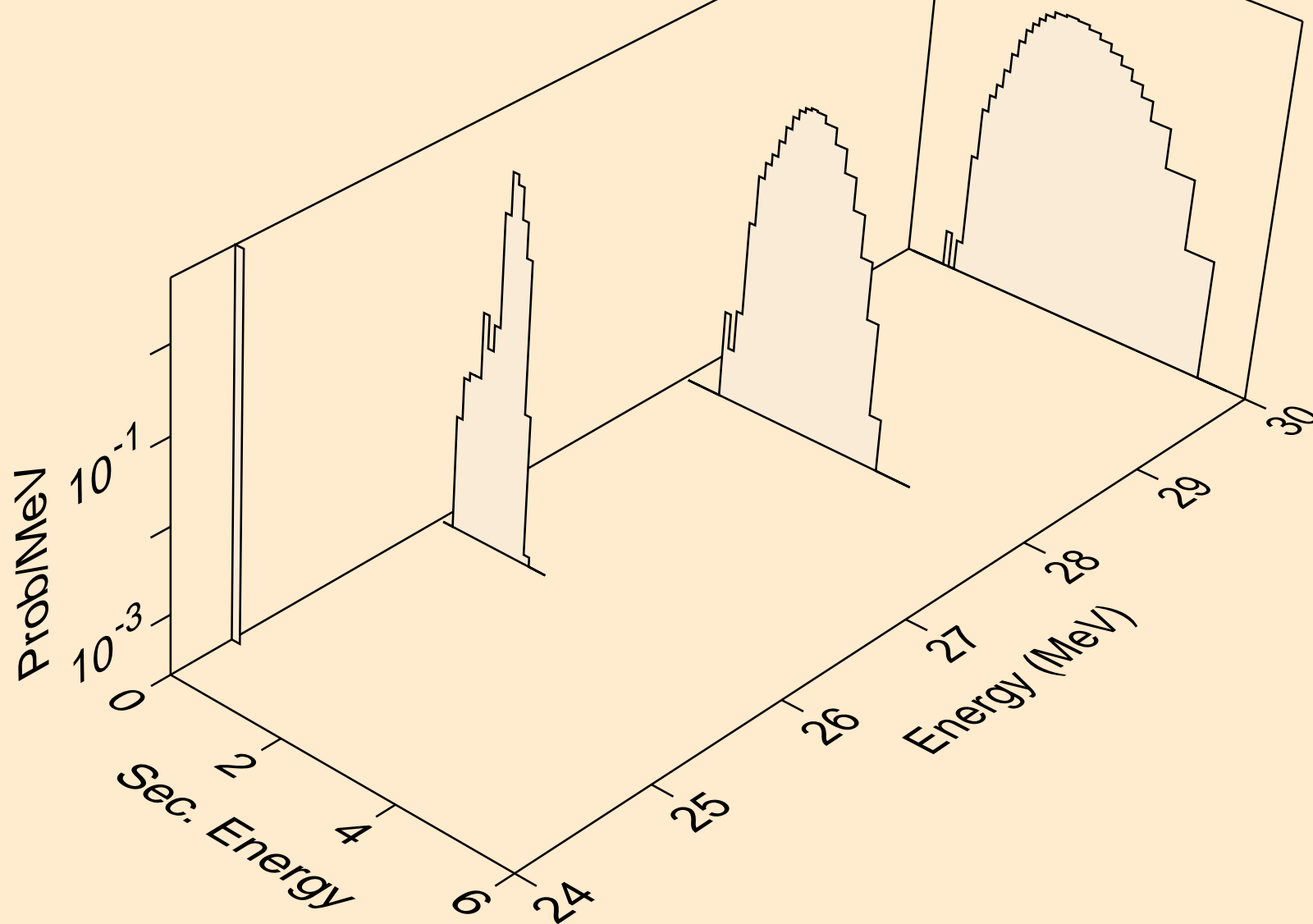




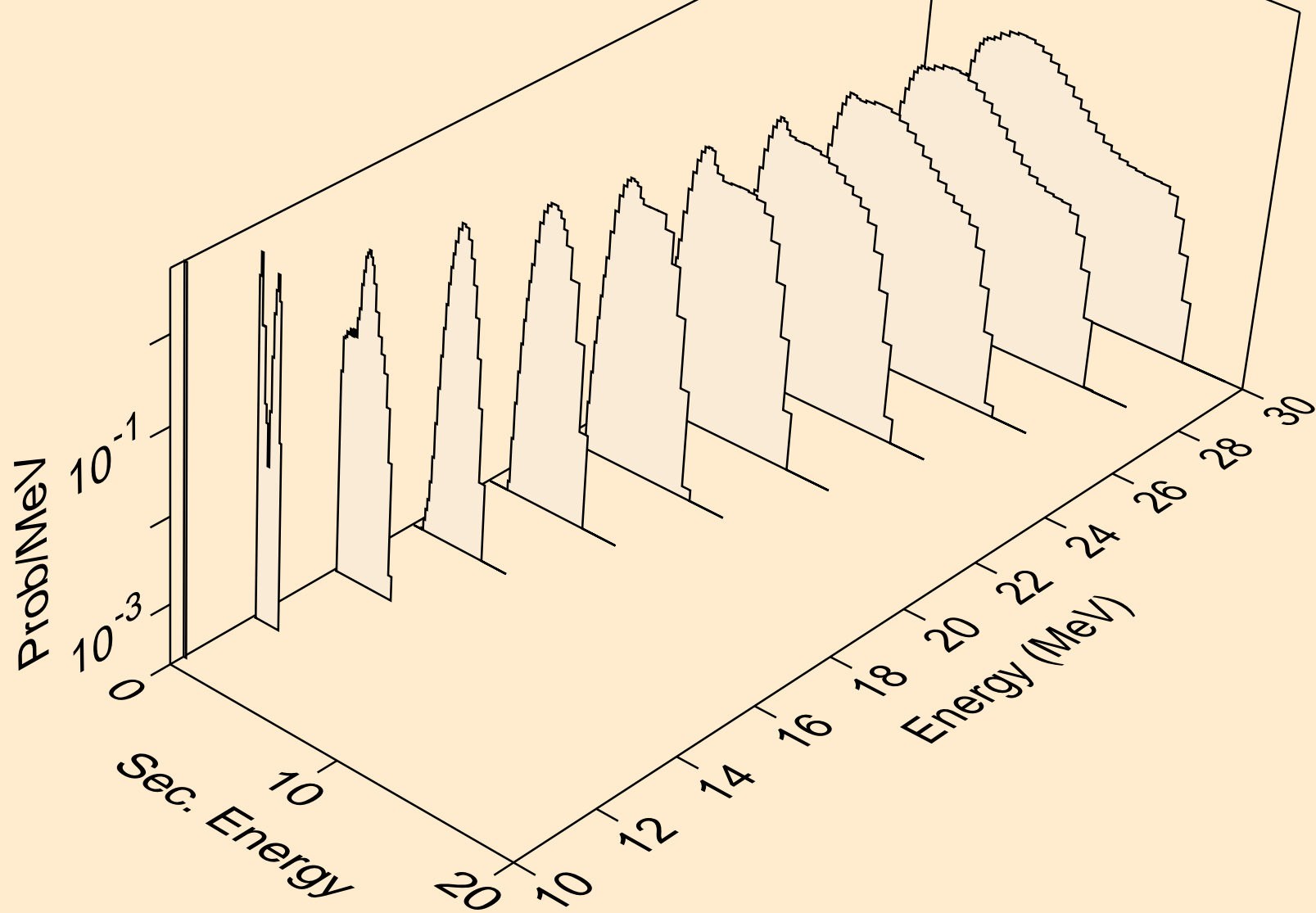
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protons from (d,2np)



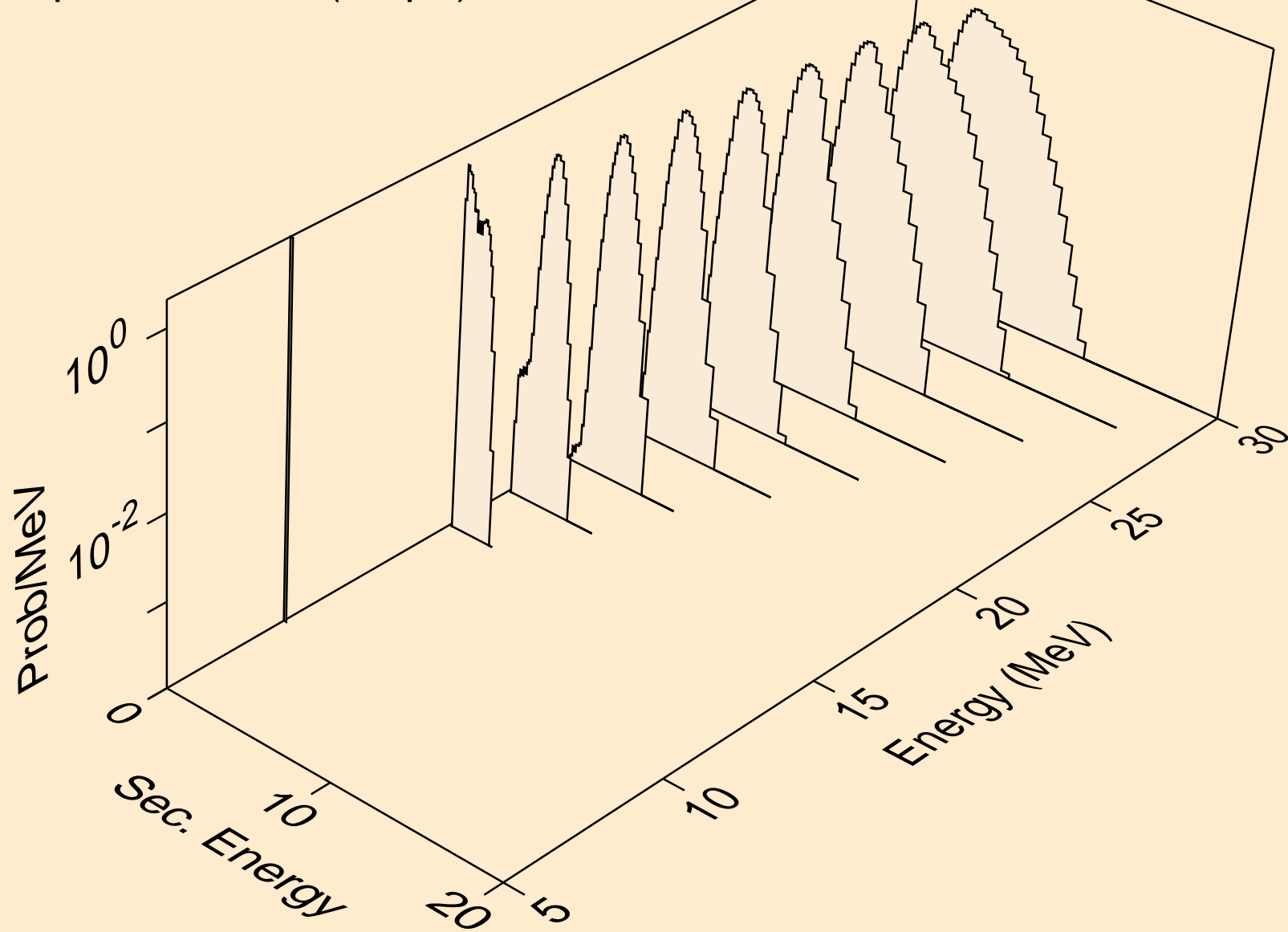
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protons from (d,3np)



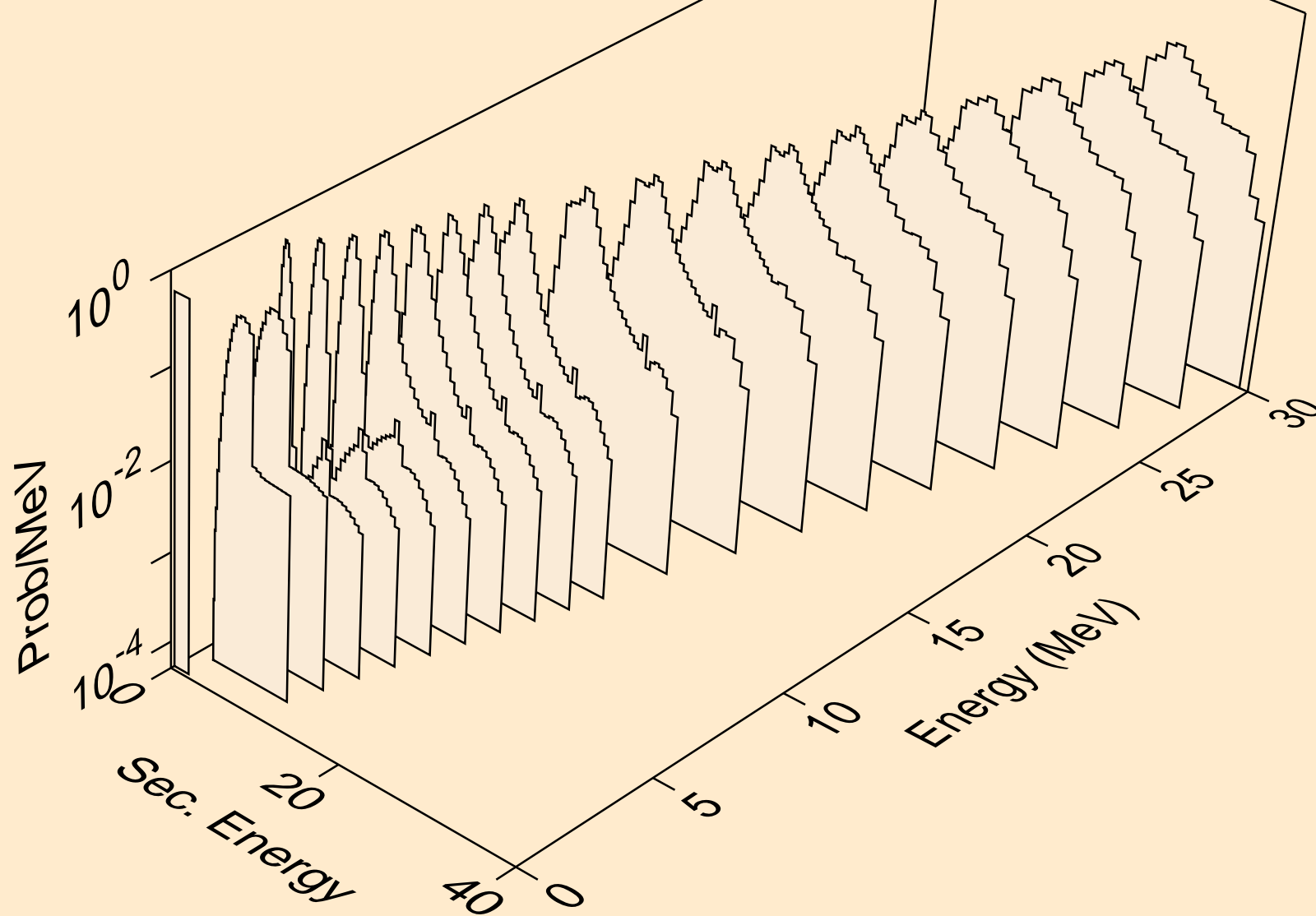
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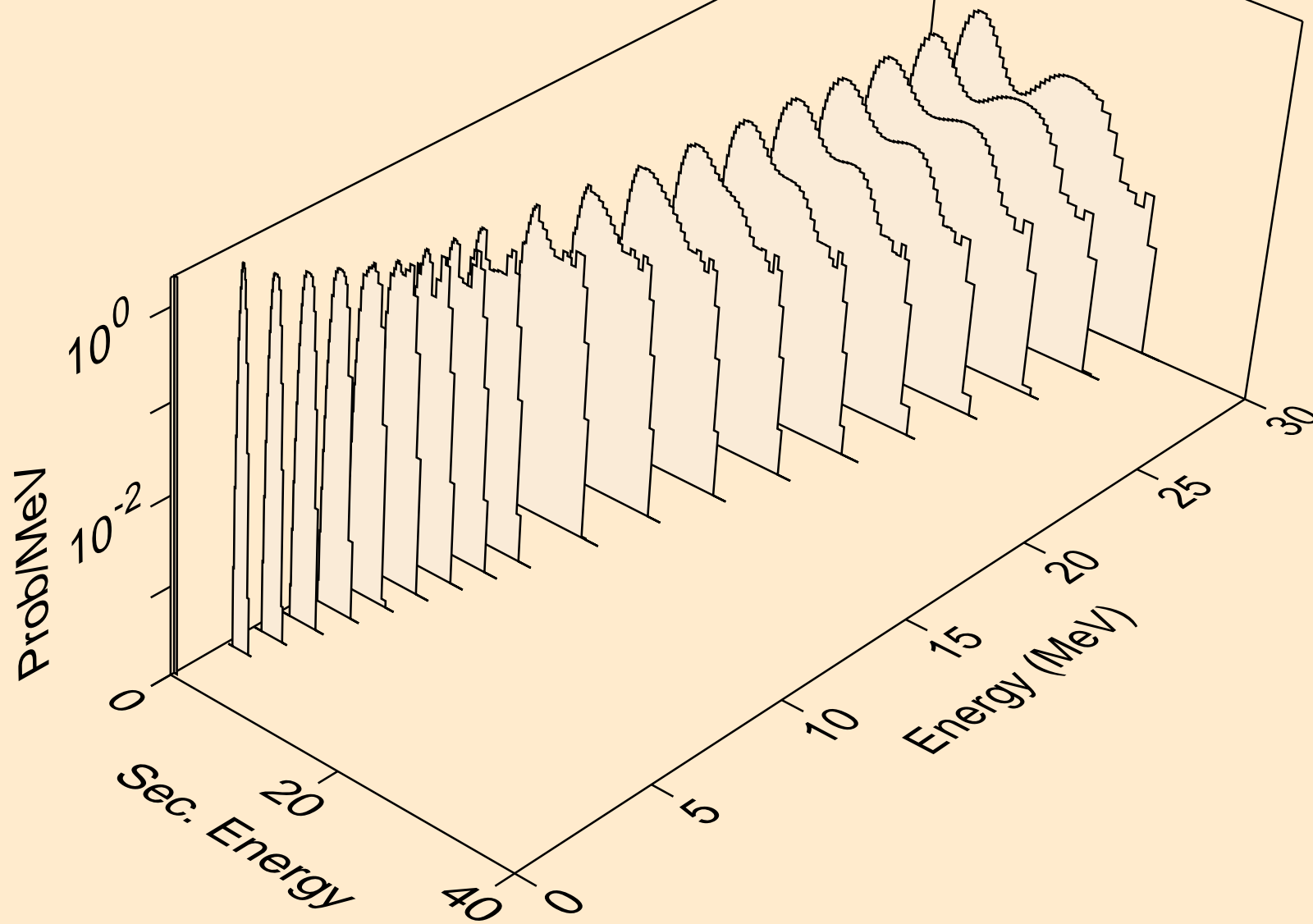
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protons from (d,npa)



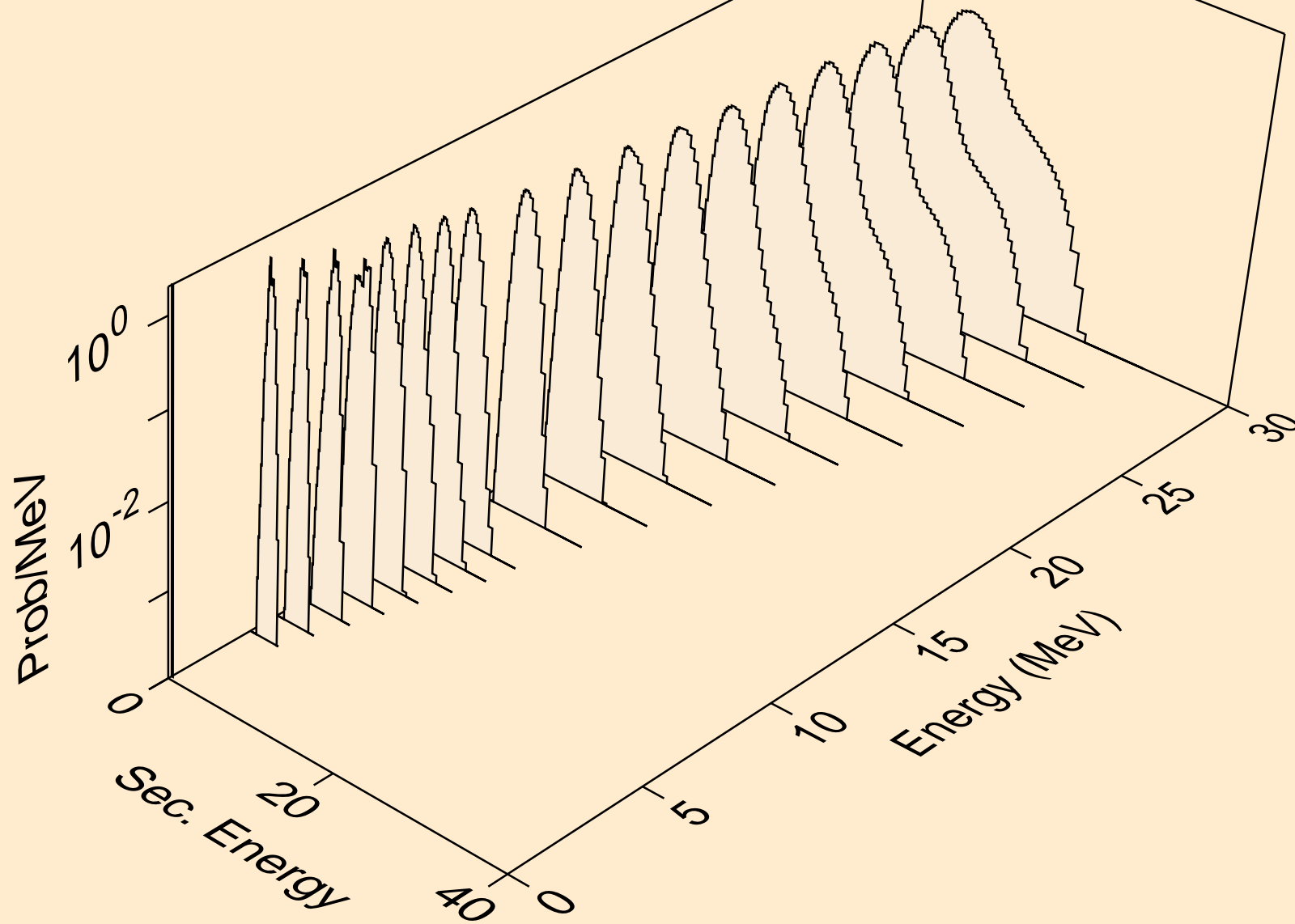
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protons from (d,p)



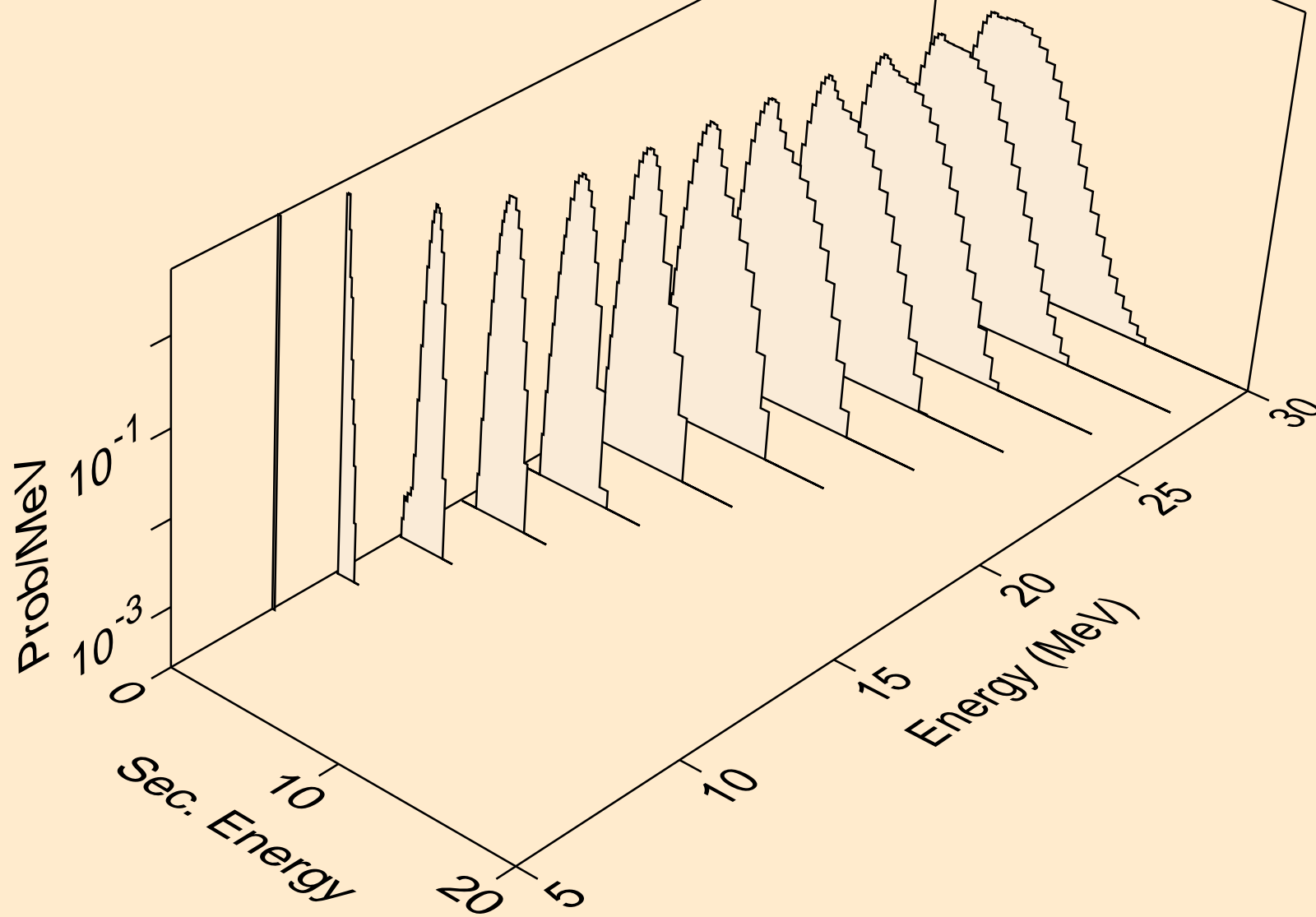
ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,2p)



ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pa)

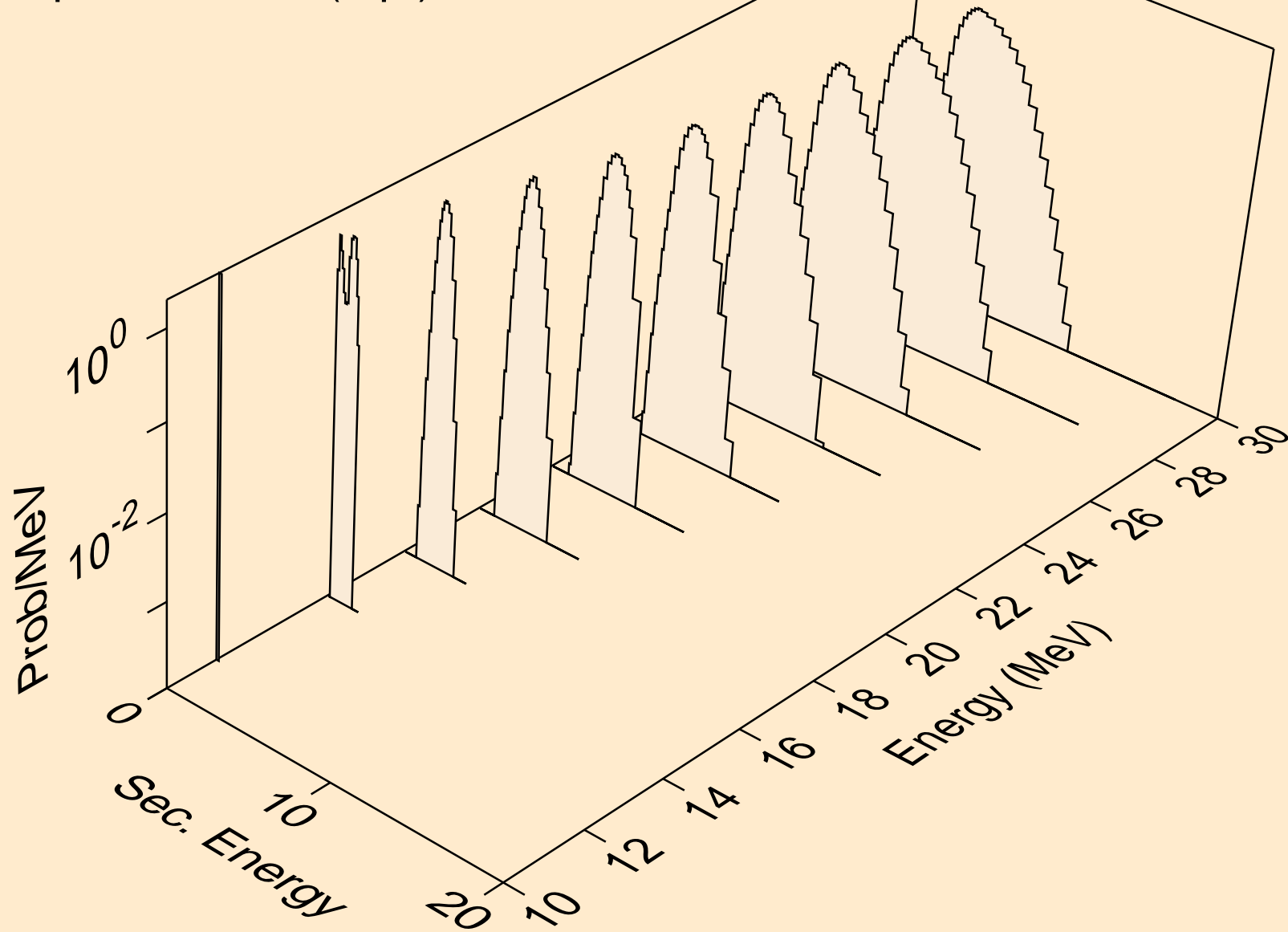


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protons from (d,pd)

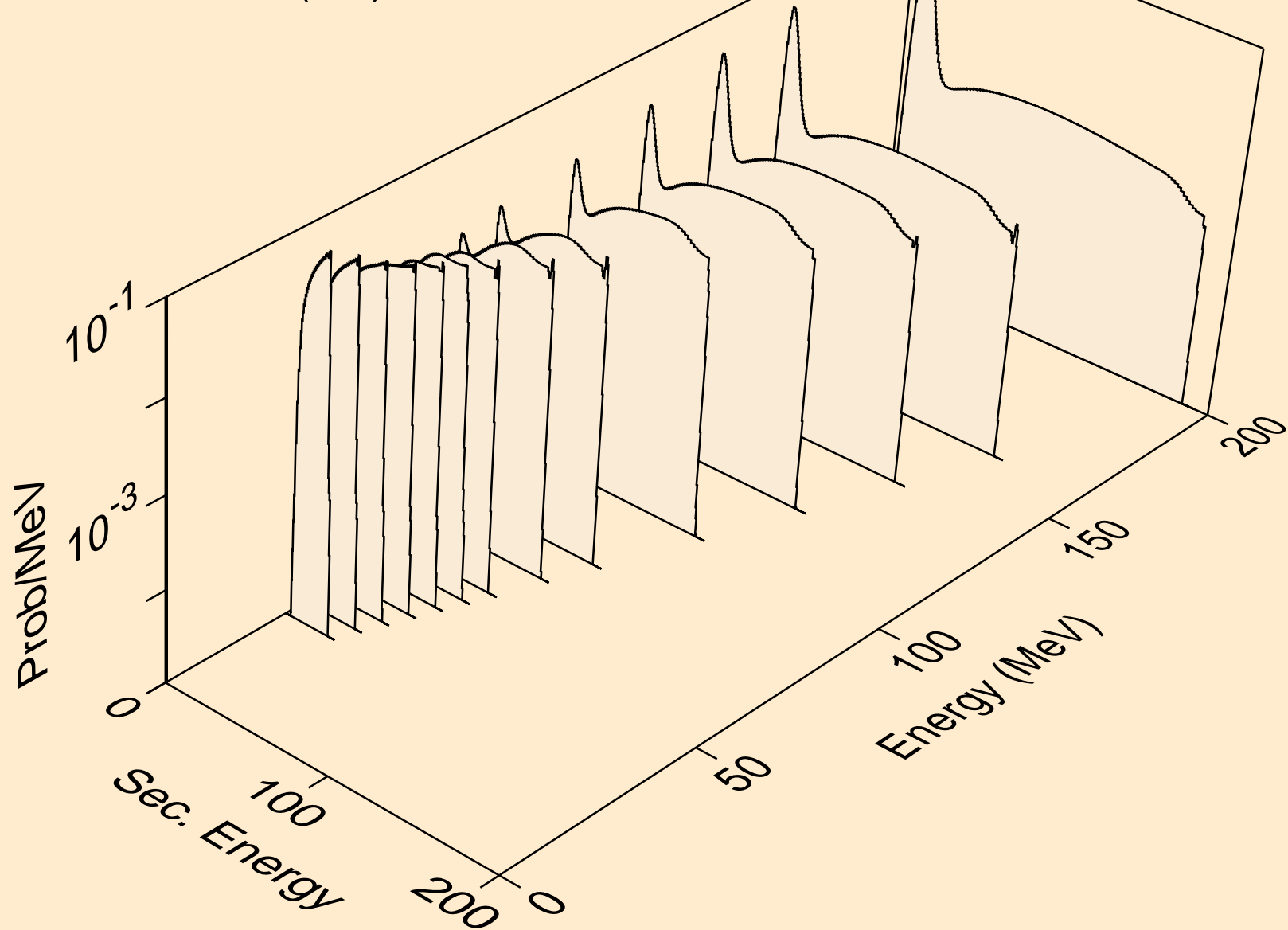




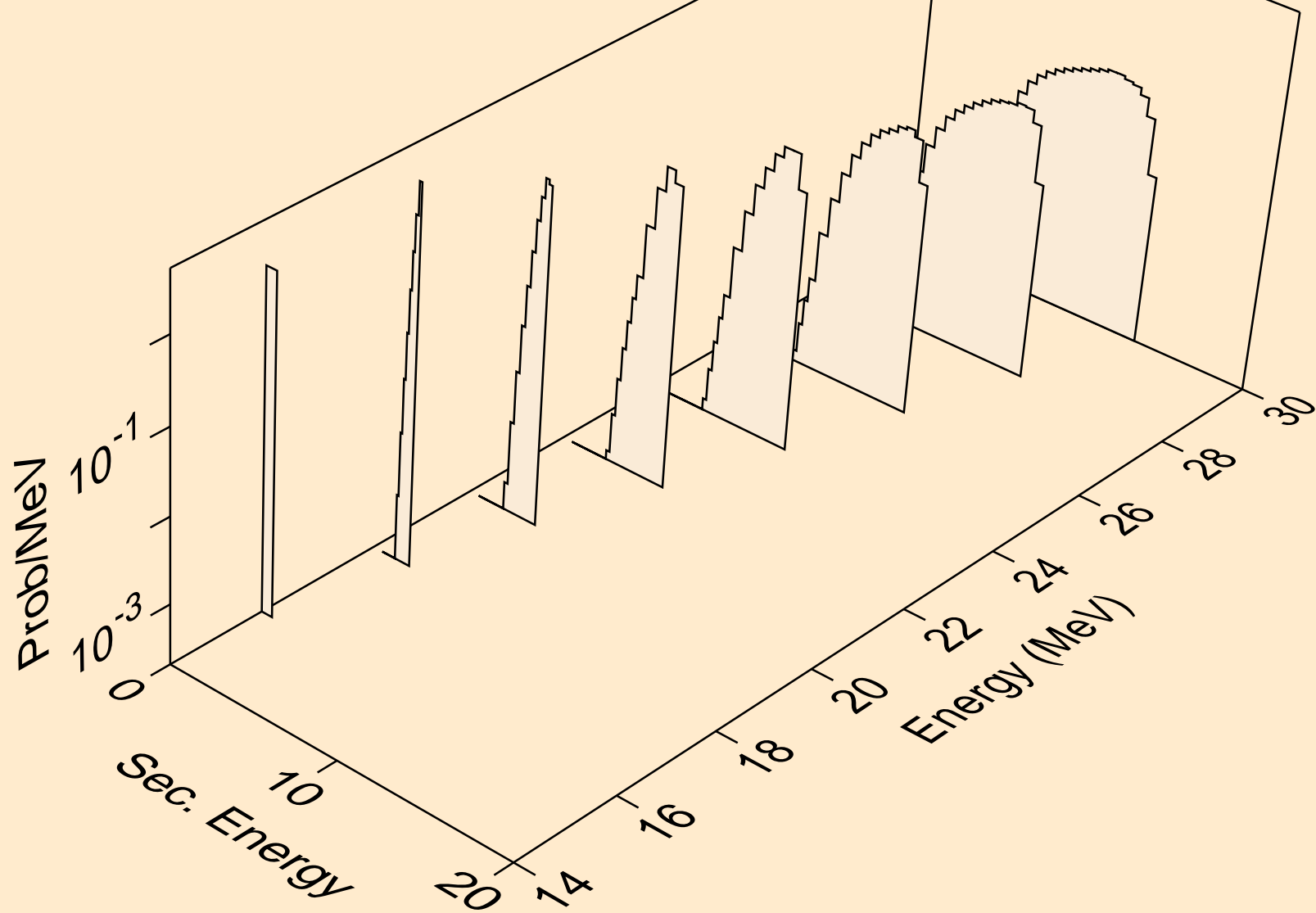
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protons from (d,pt)



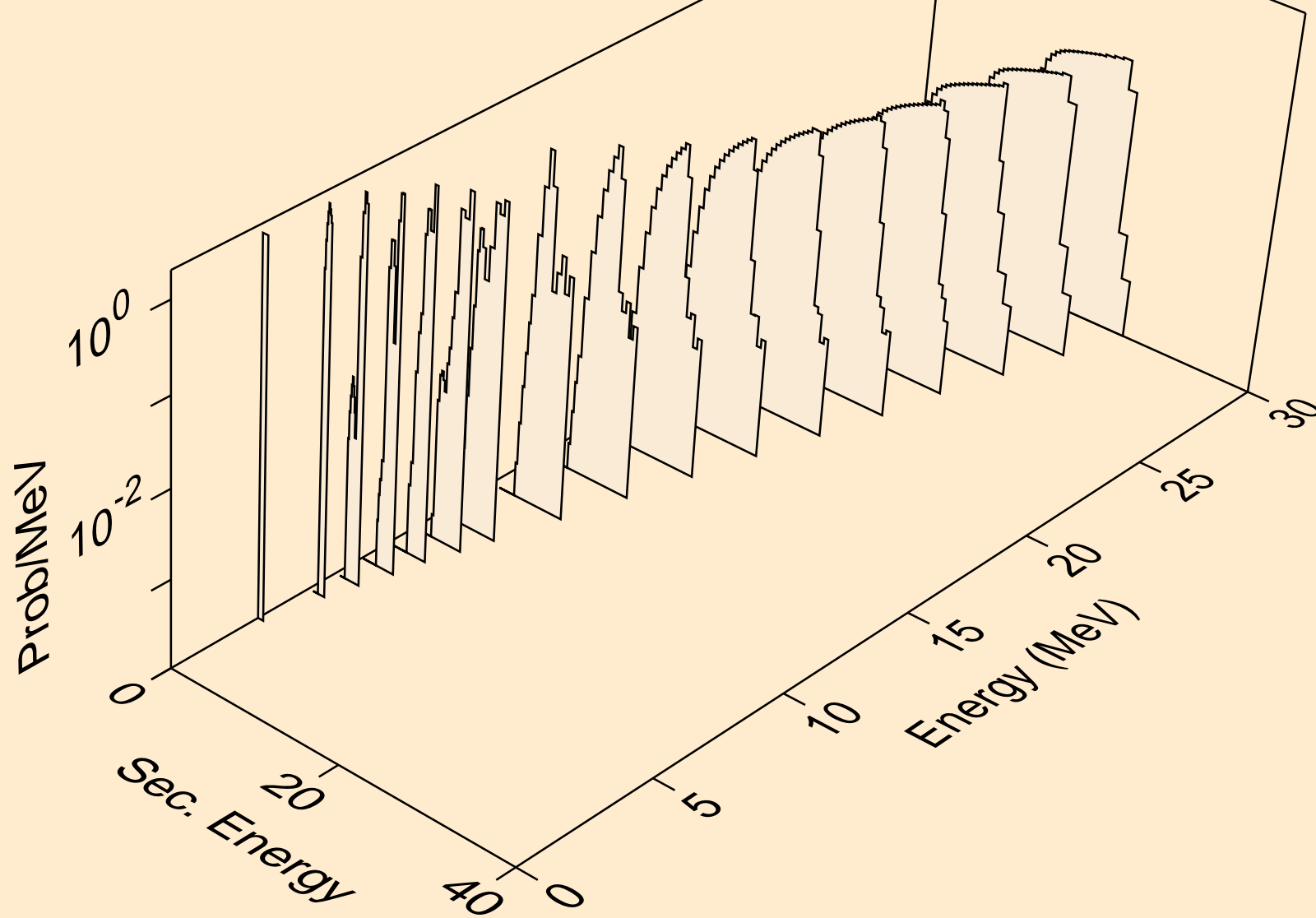
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tritons from (d,x)



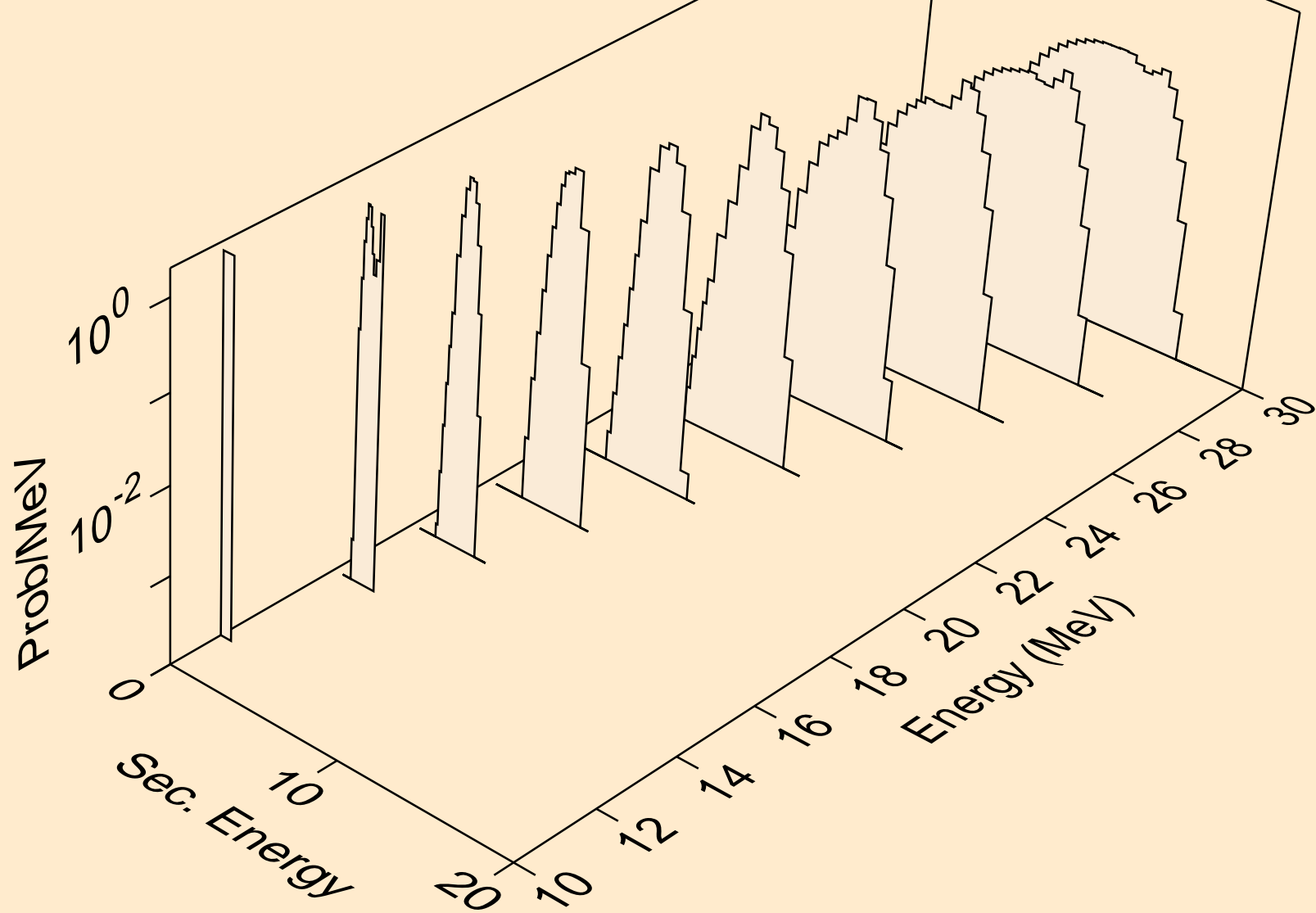
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tritons from (d,n\*)t



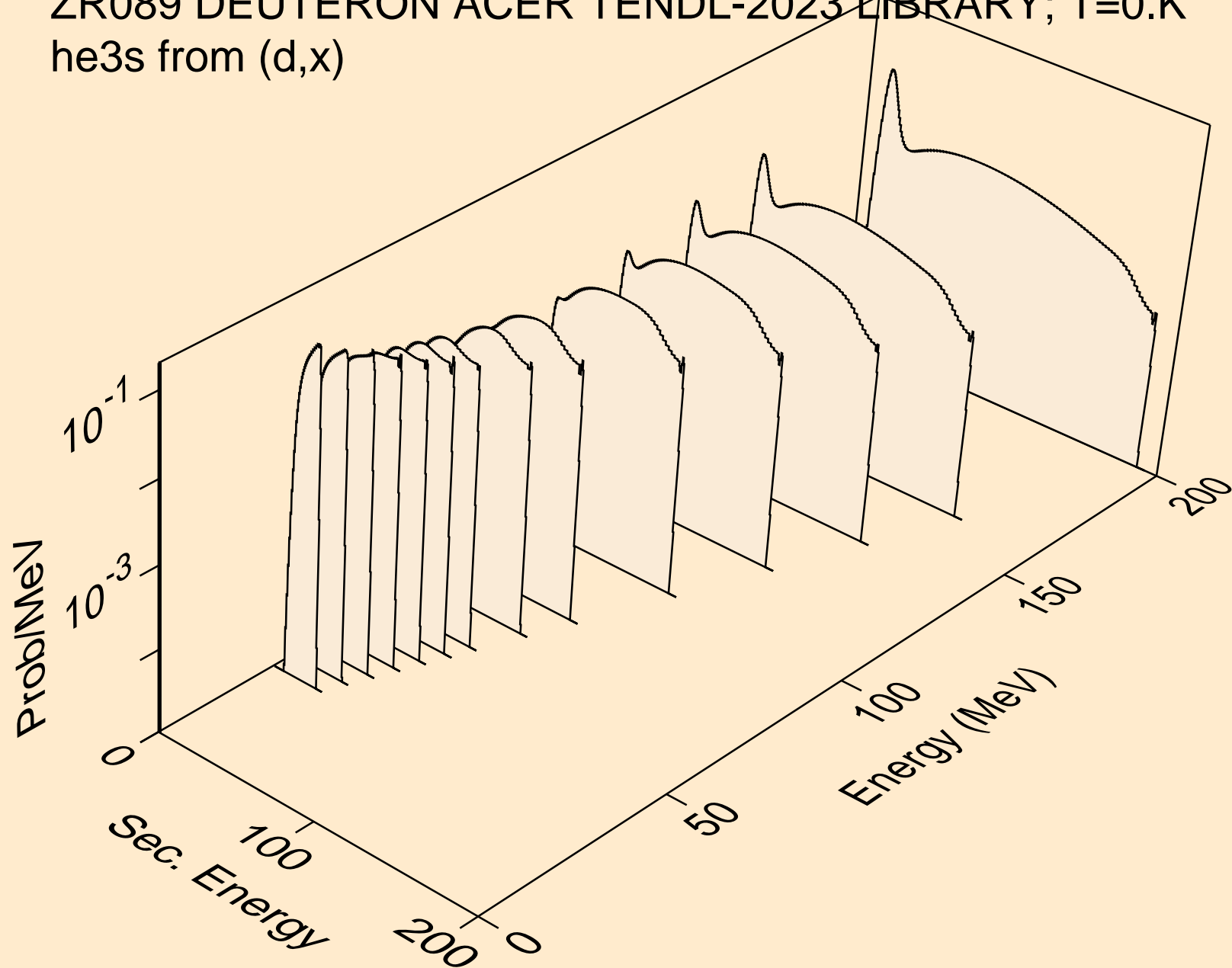
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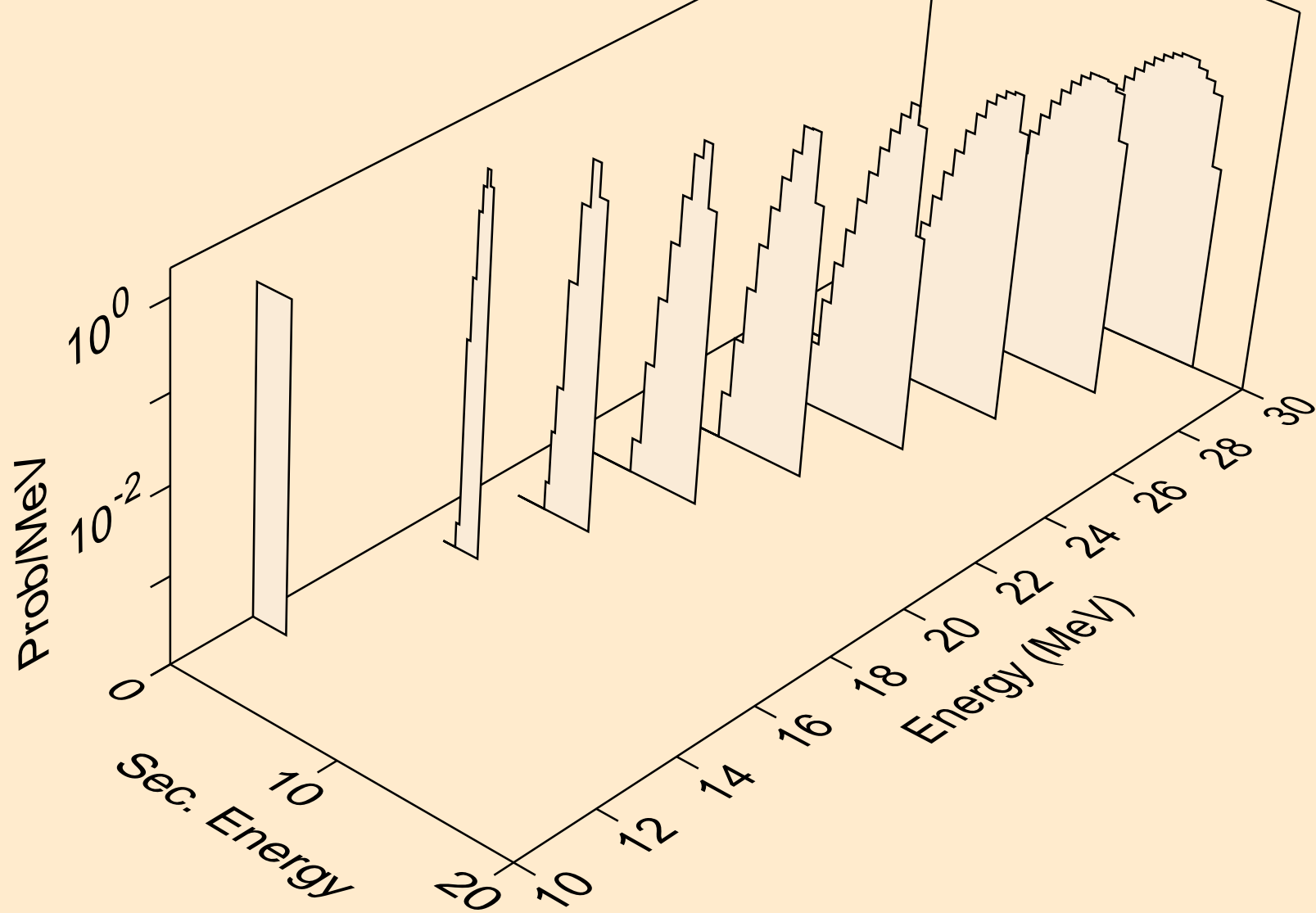
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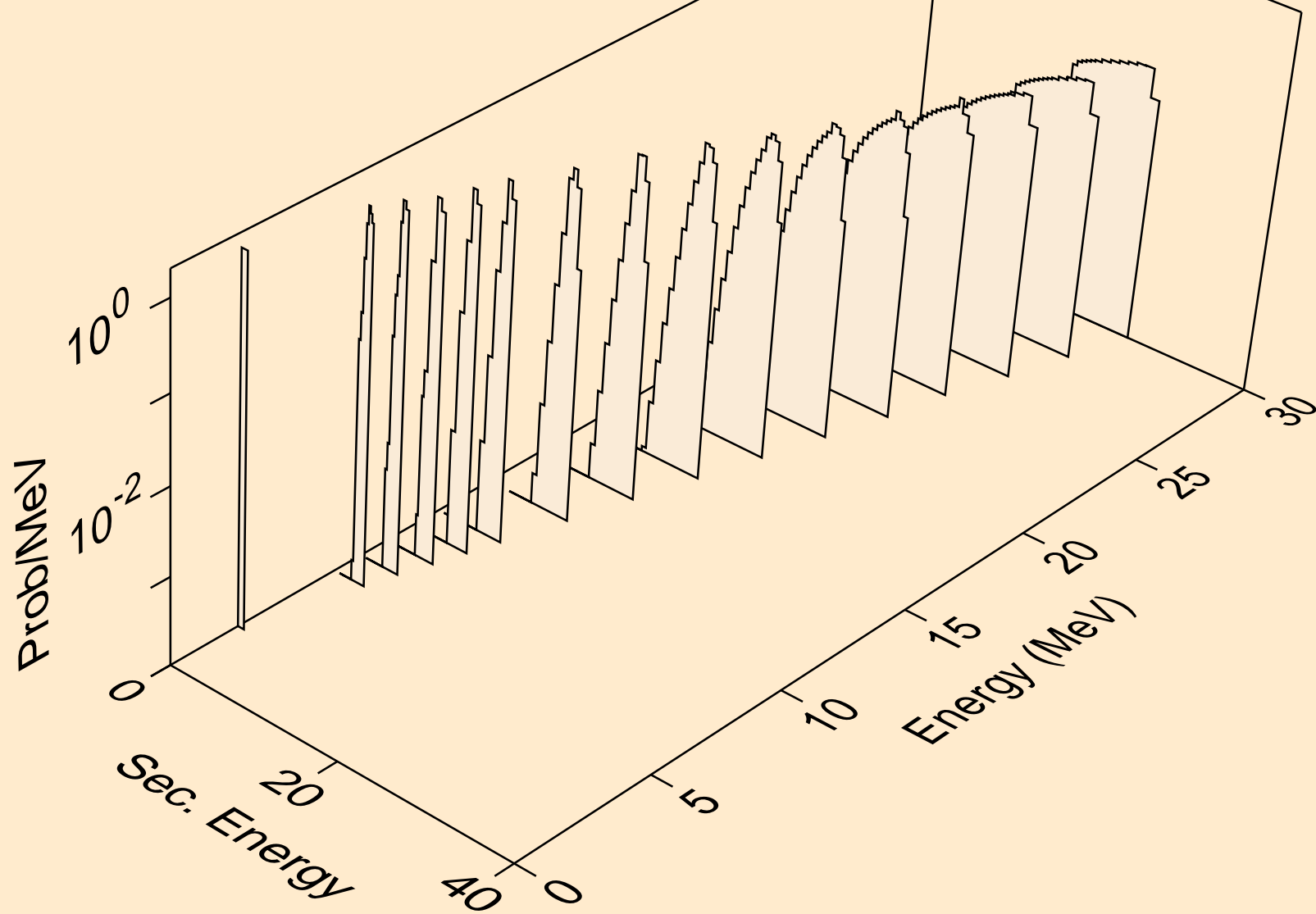
ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,x)



ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,n\*)he3

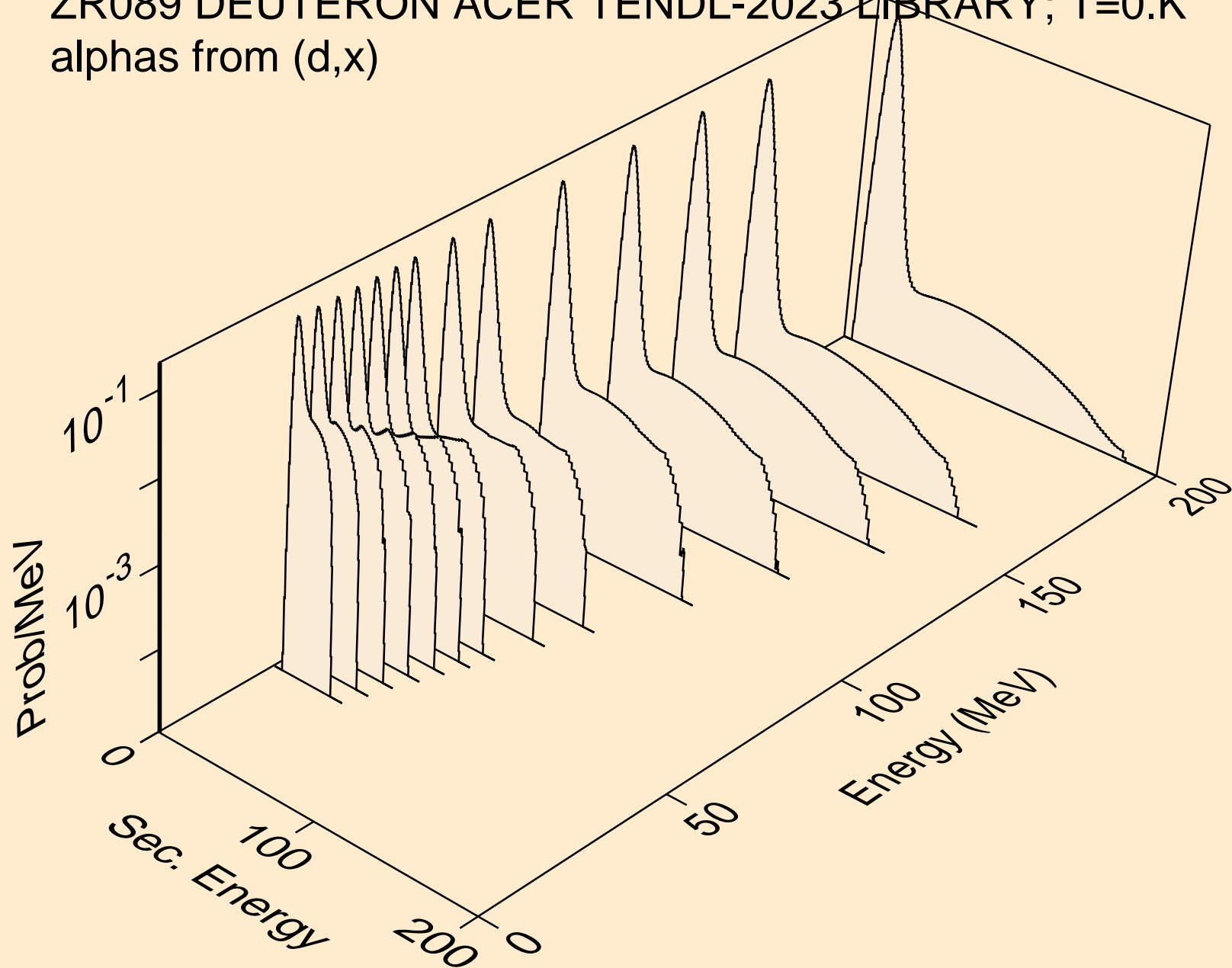


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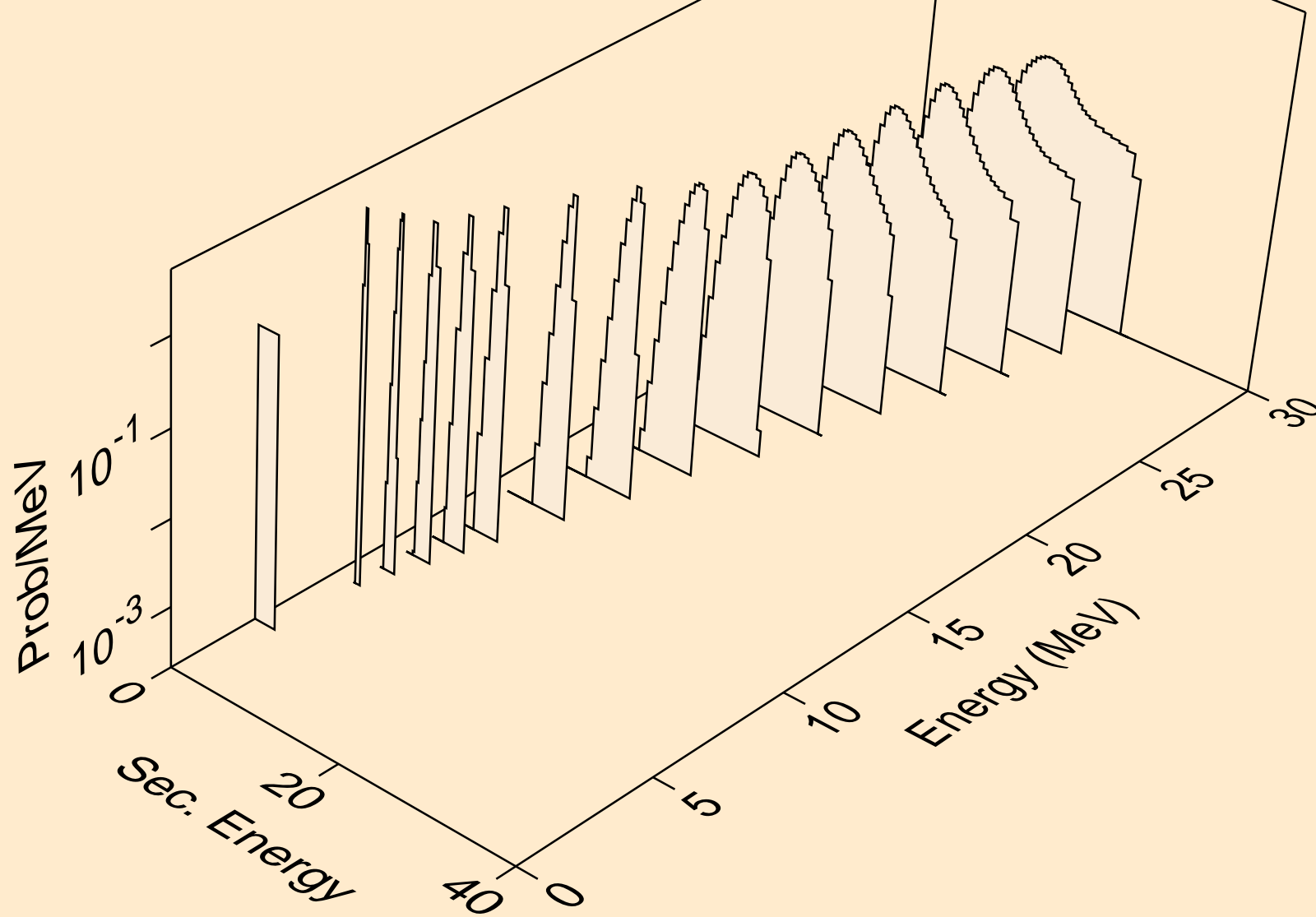




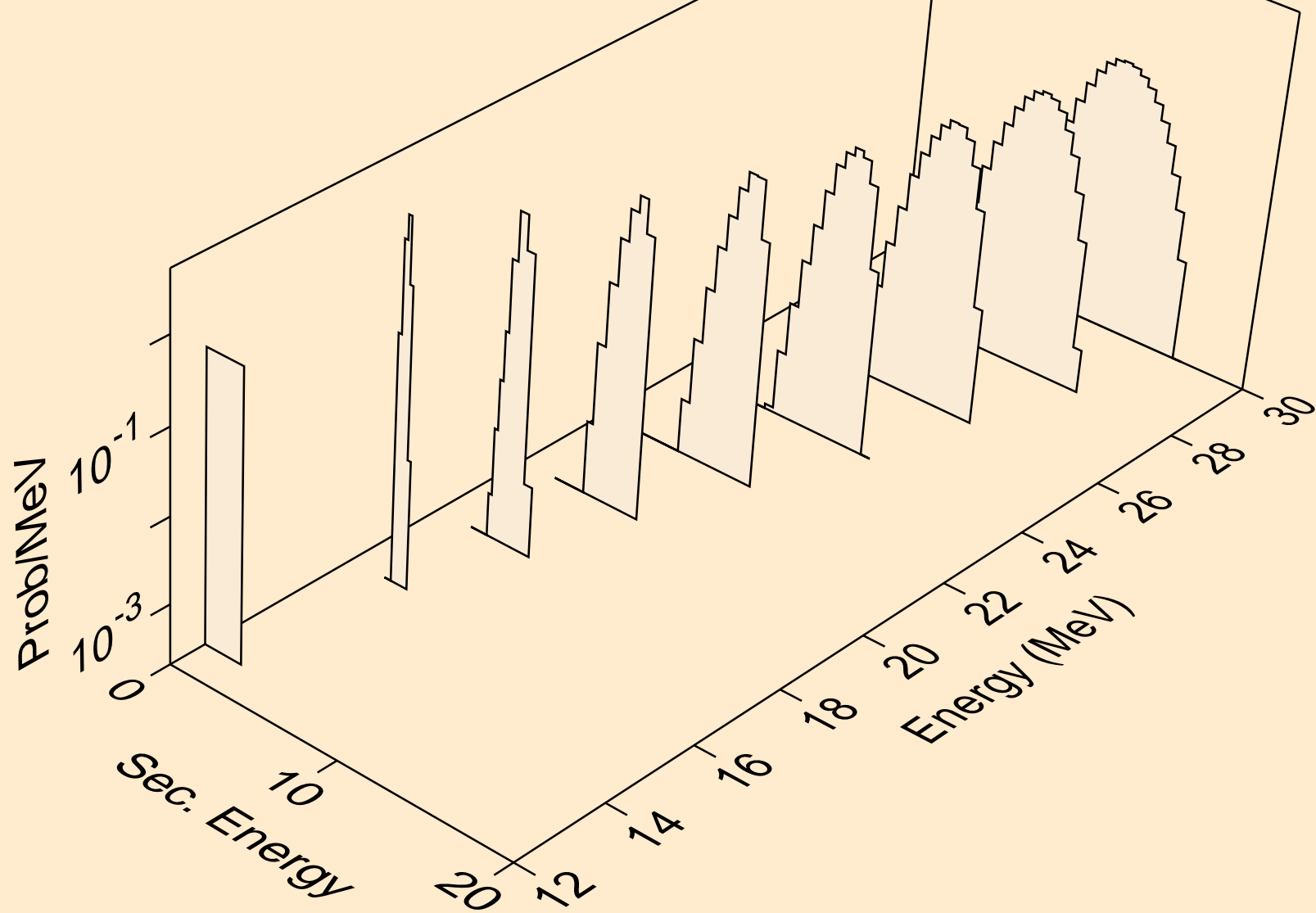
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alphas from (d,x)



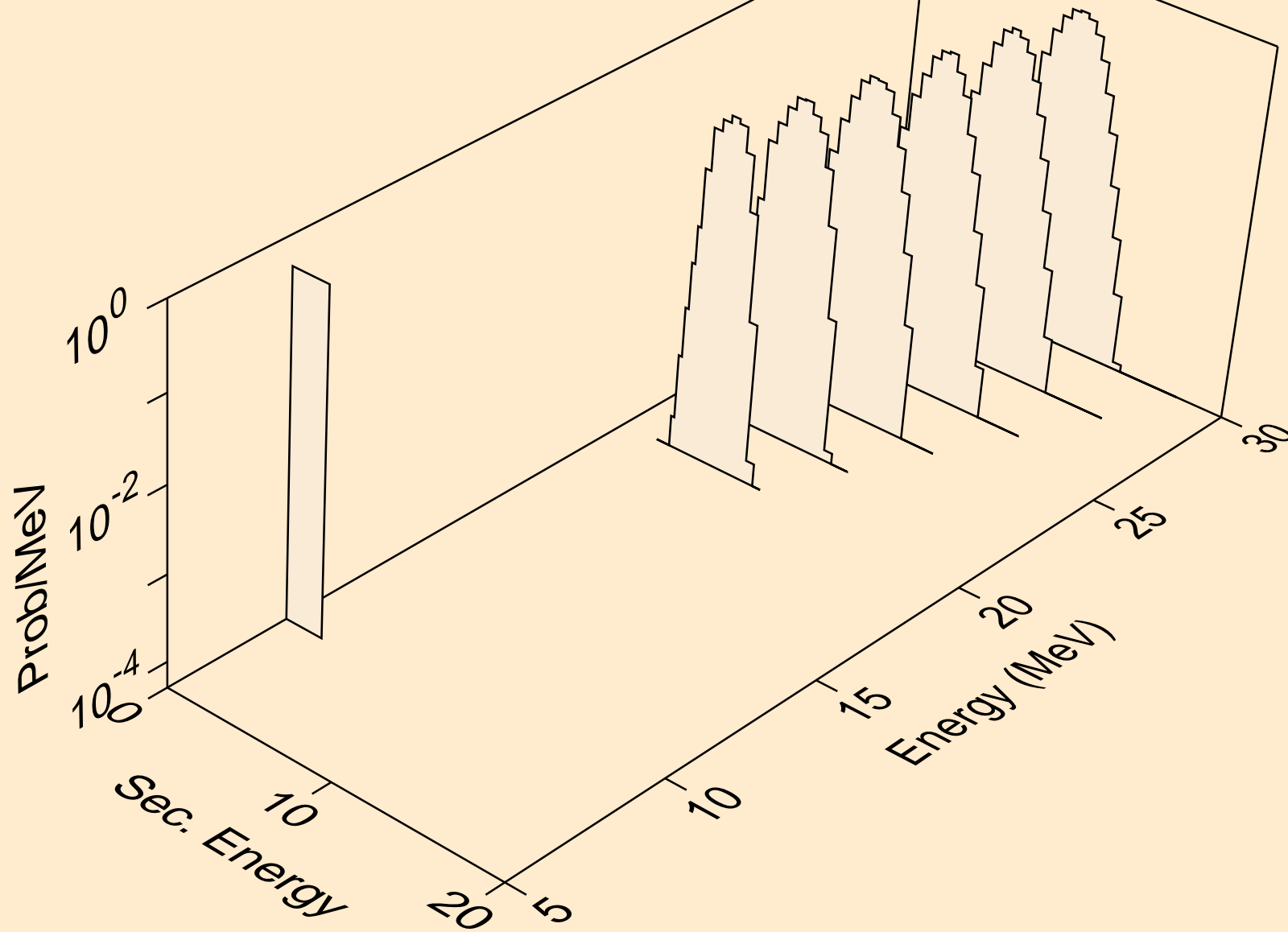
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alphas from (d,n\*)a



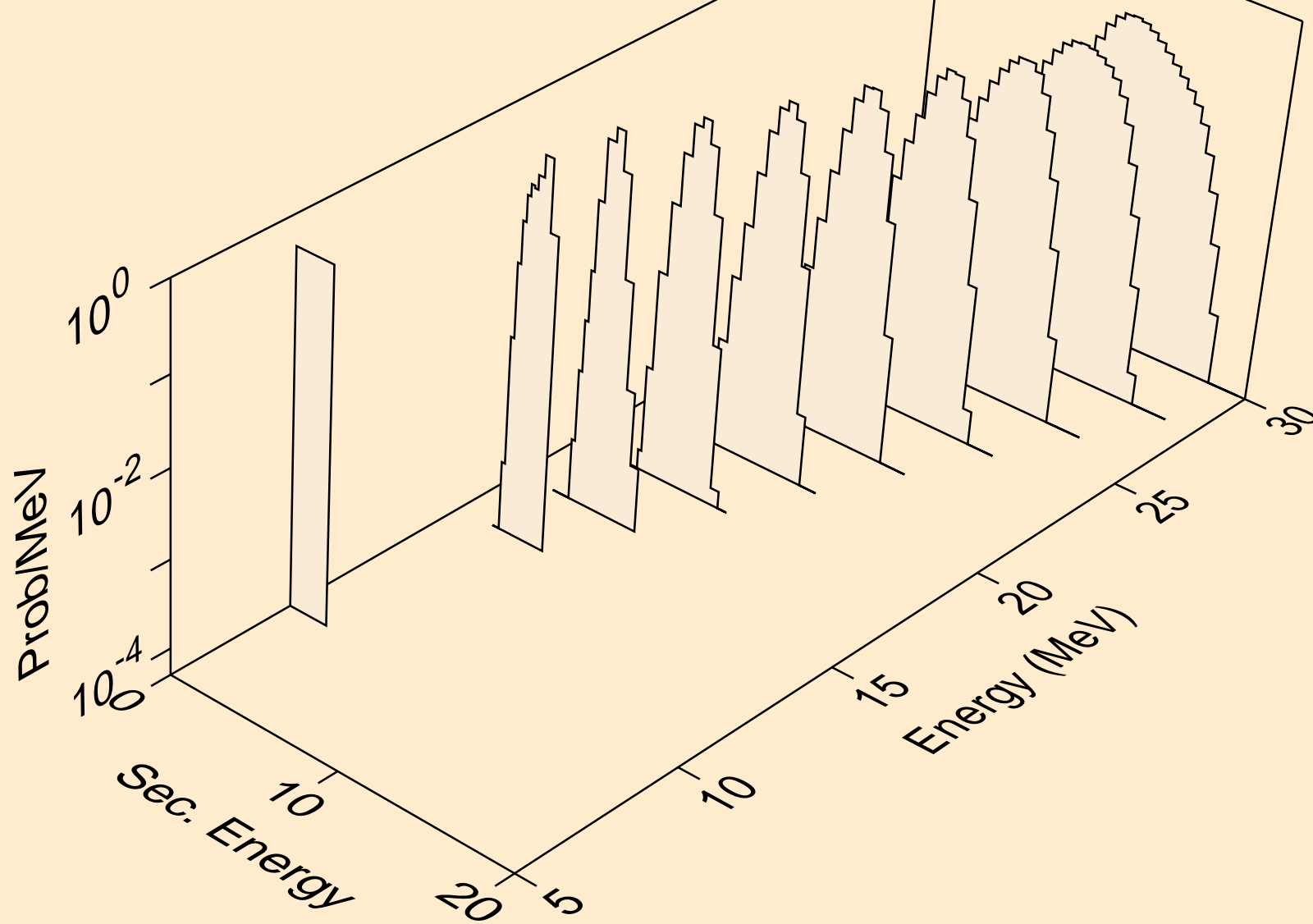
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alphas from (d,2n)a



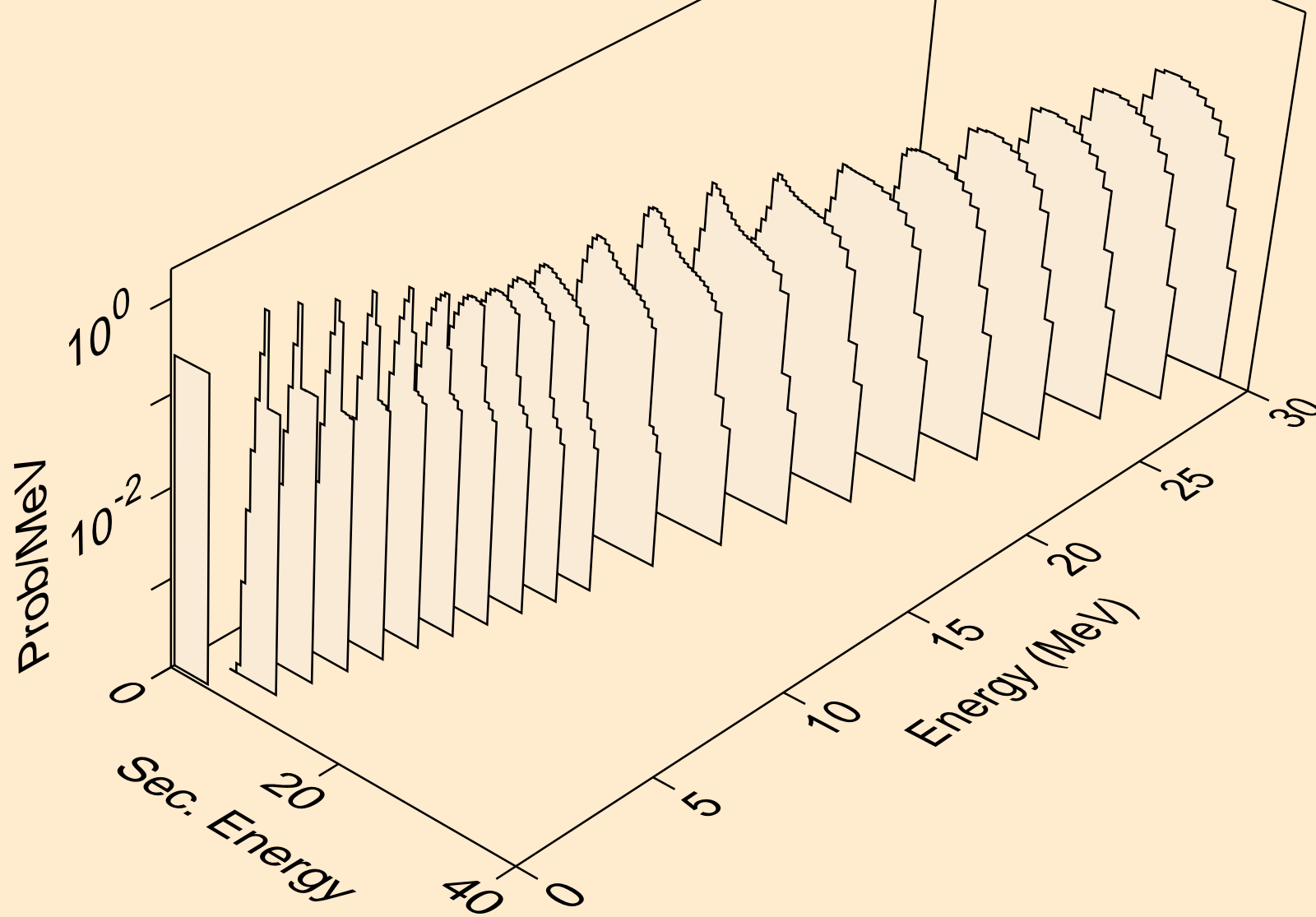
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alphas from (d,n\*)2a



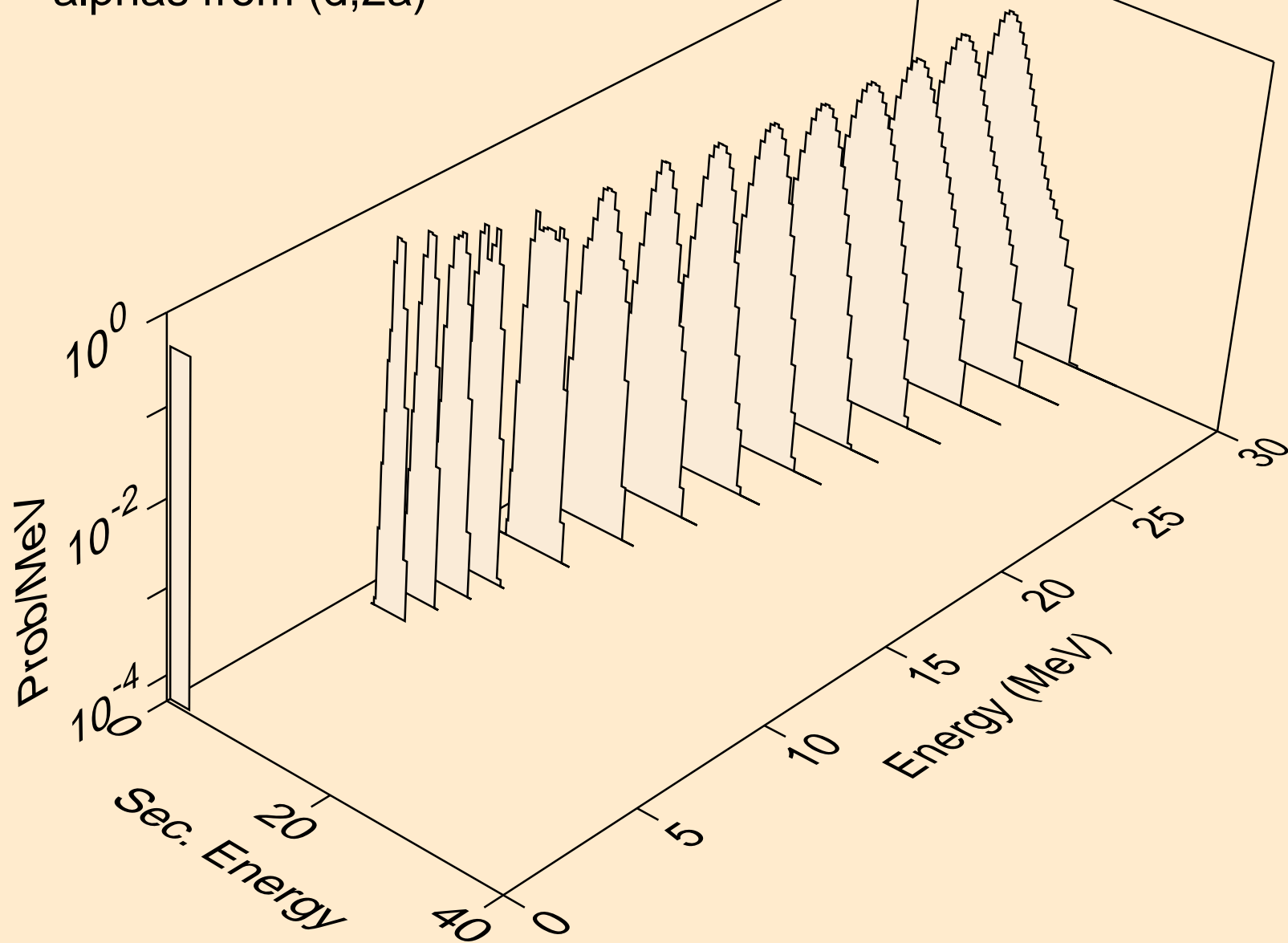
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alphas from (d,npa)



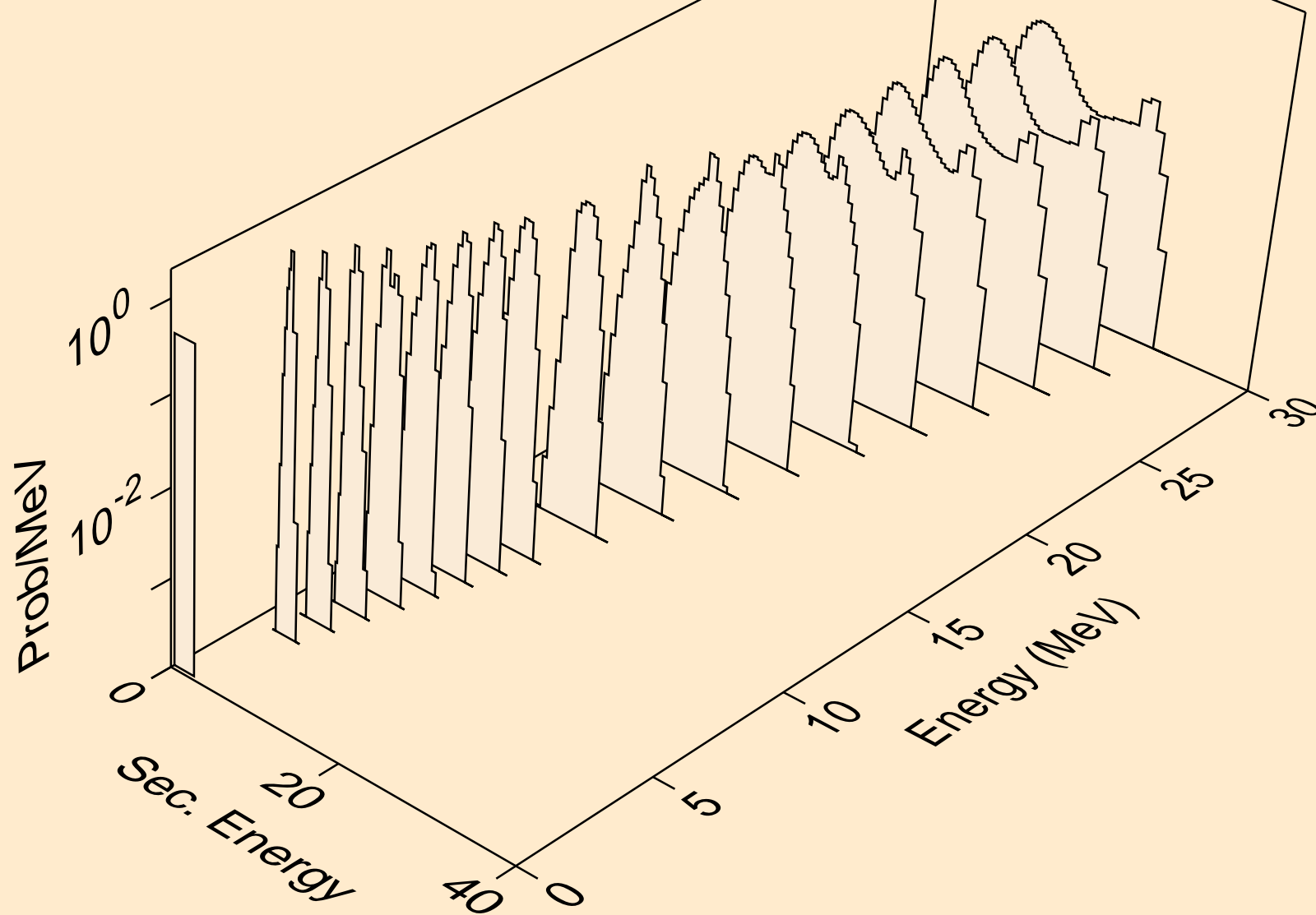
ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,a)



ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2a)



ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)





ZR089 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

