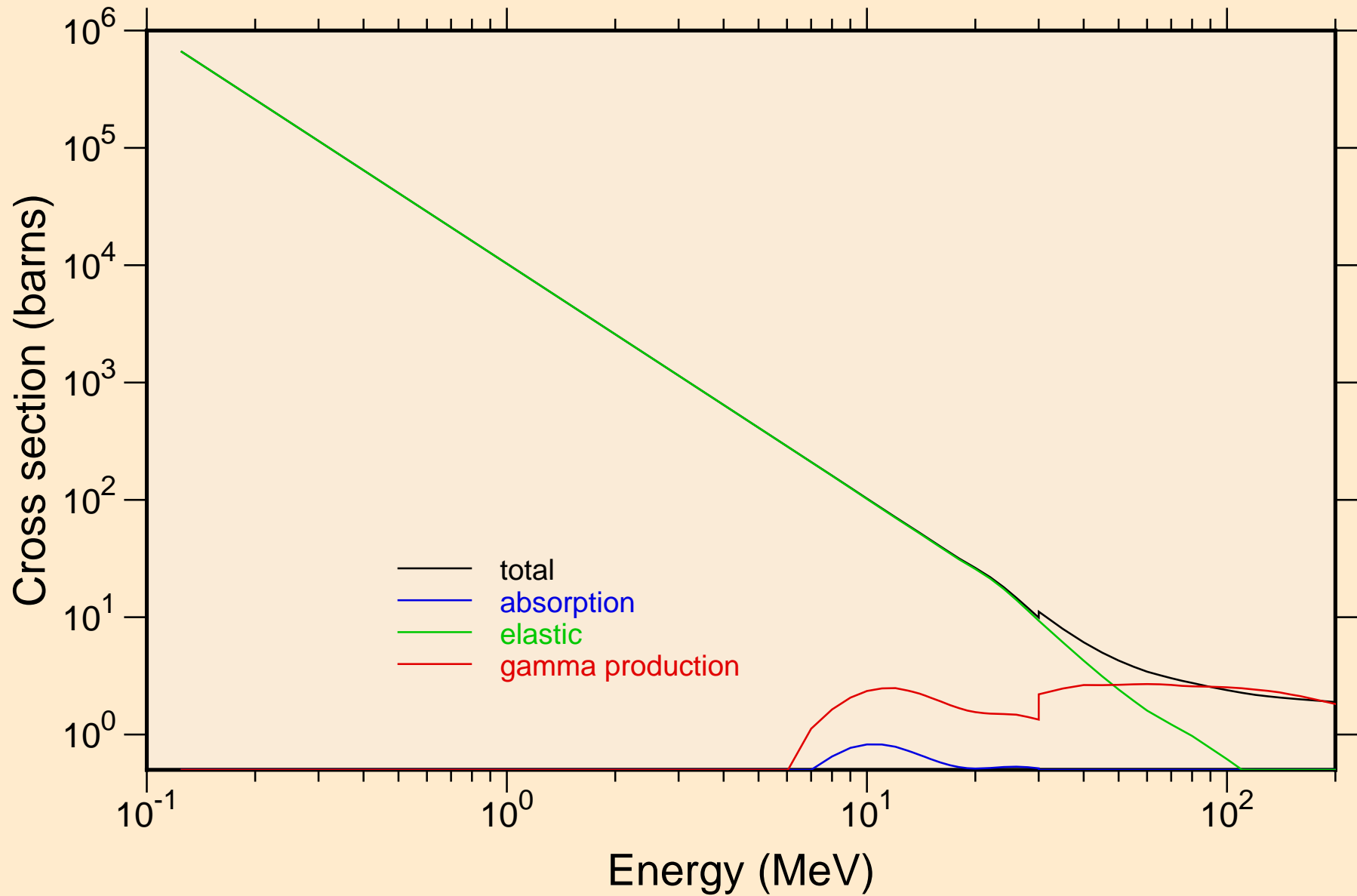


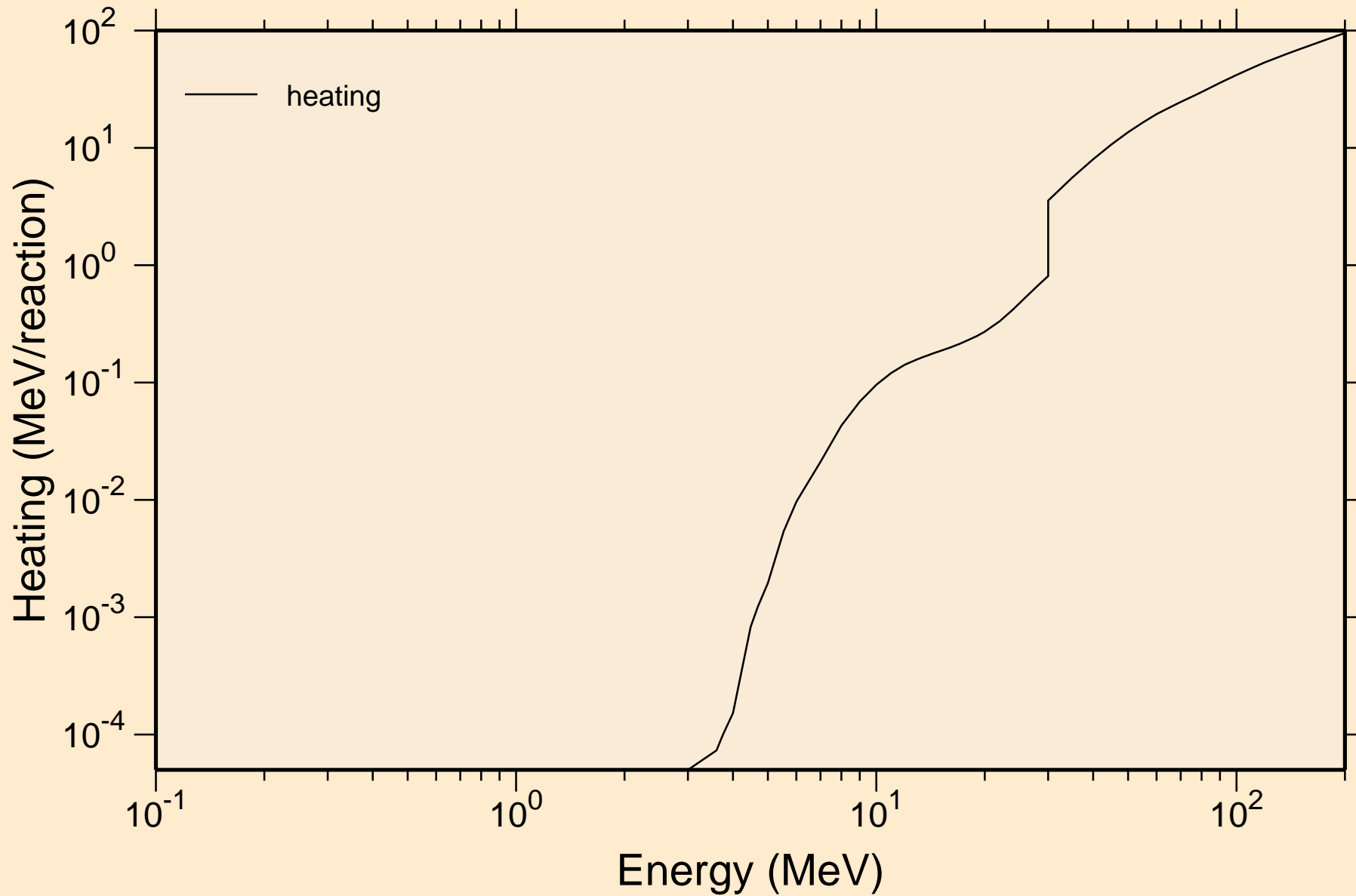
# ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



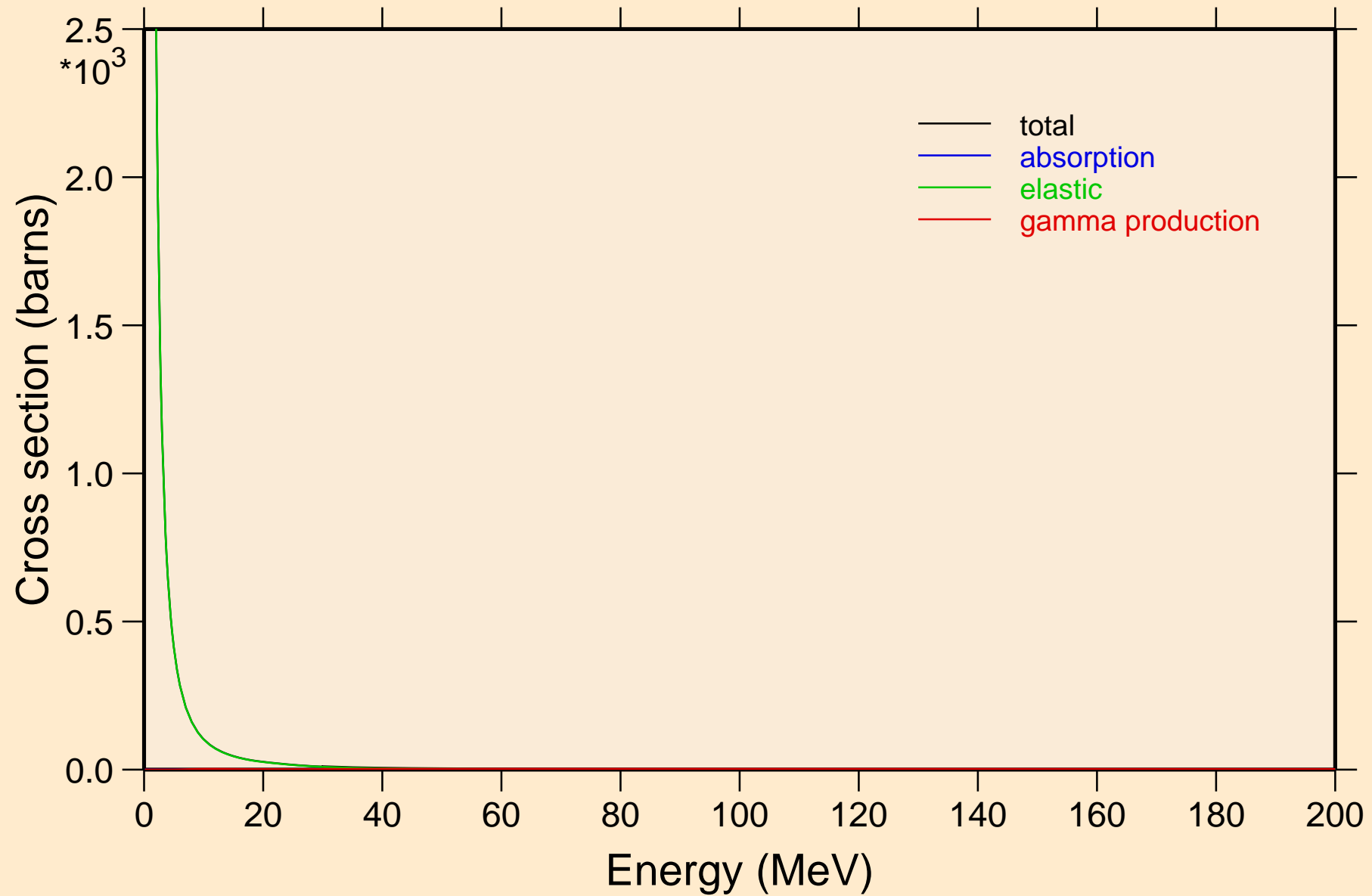
# ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



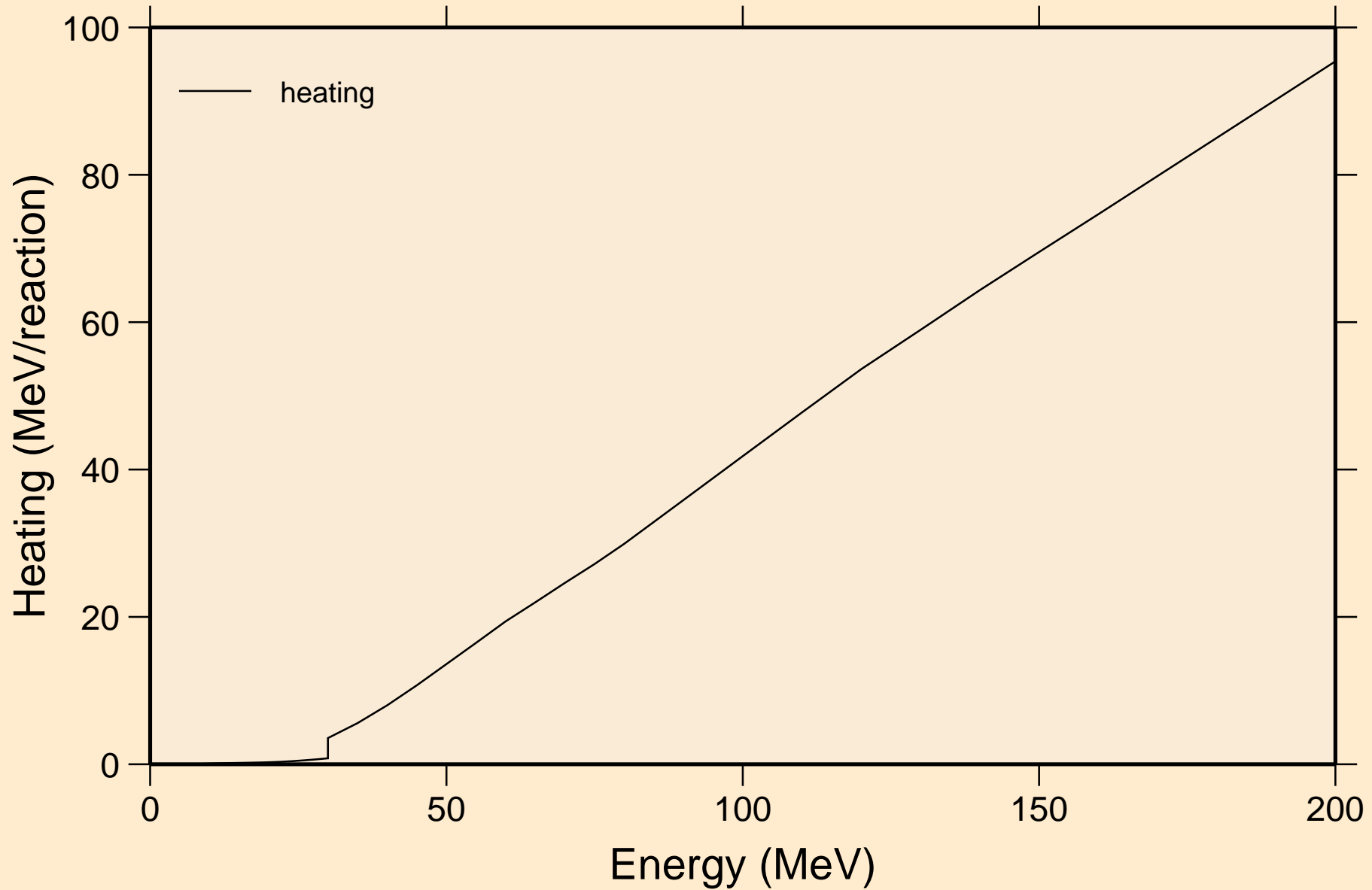
# ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



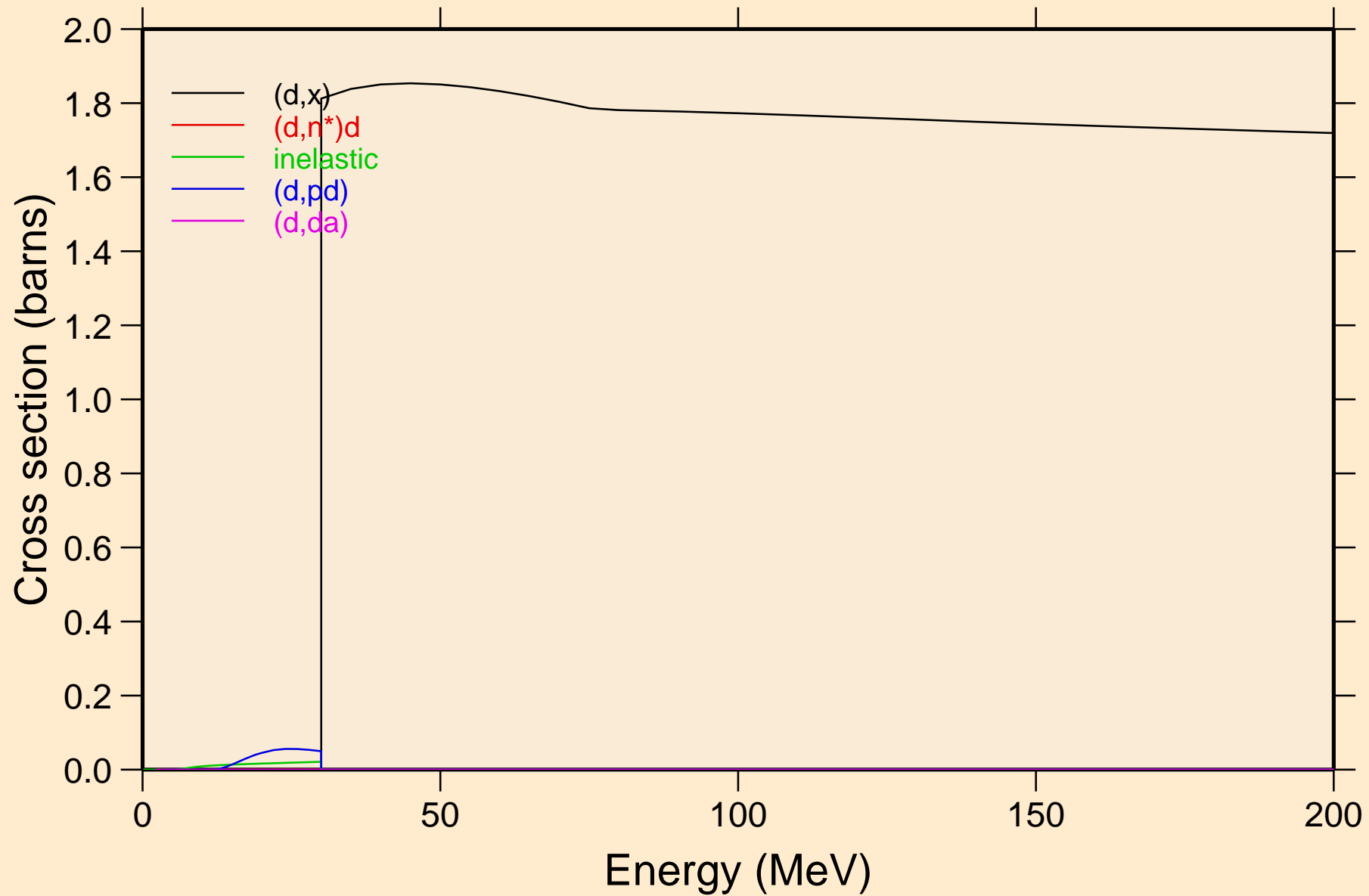
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## Heating

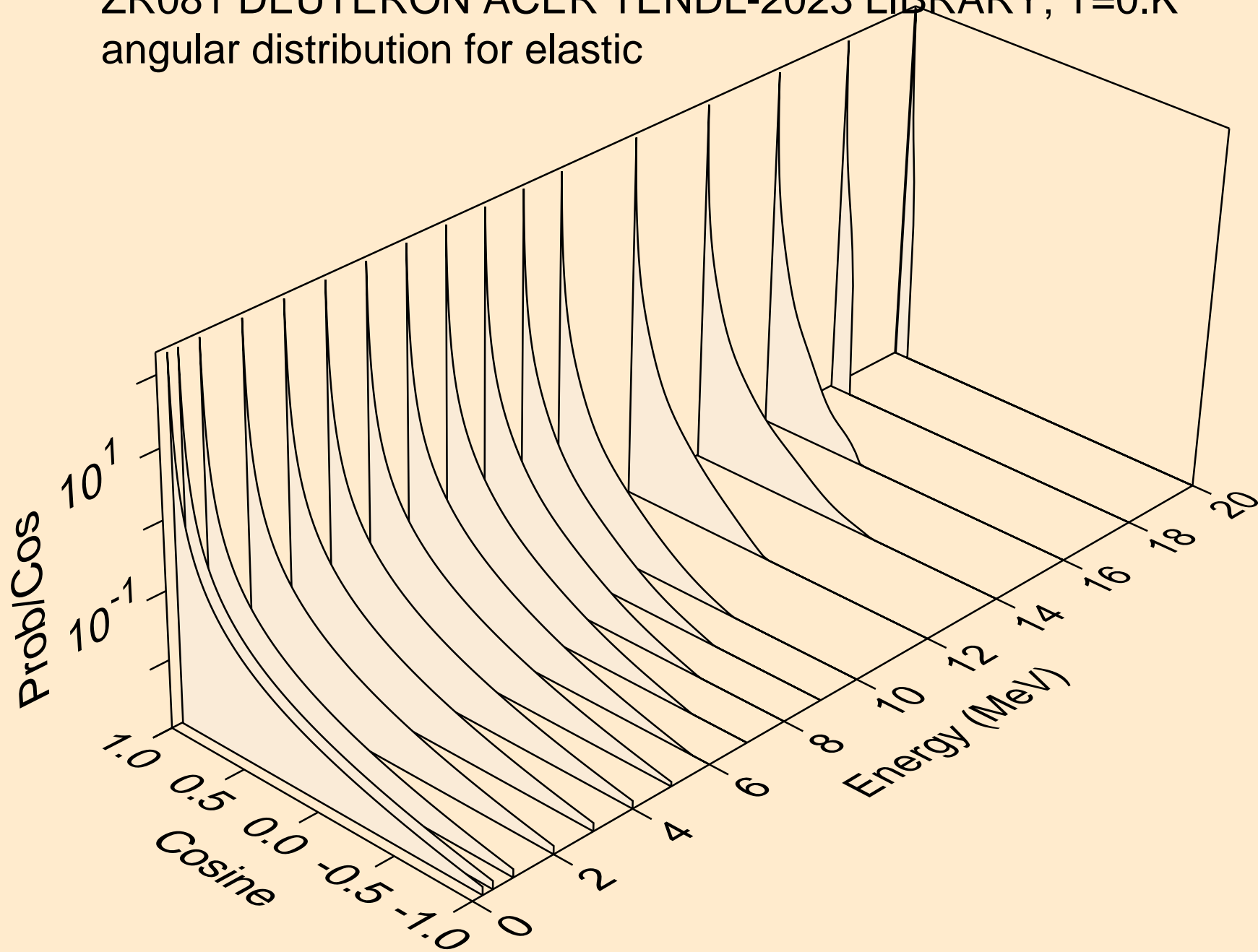


# ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

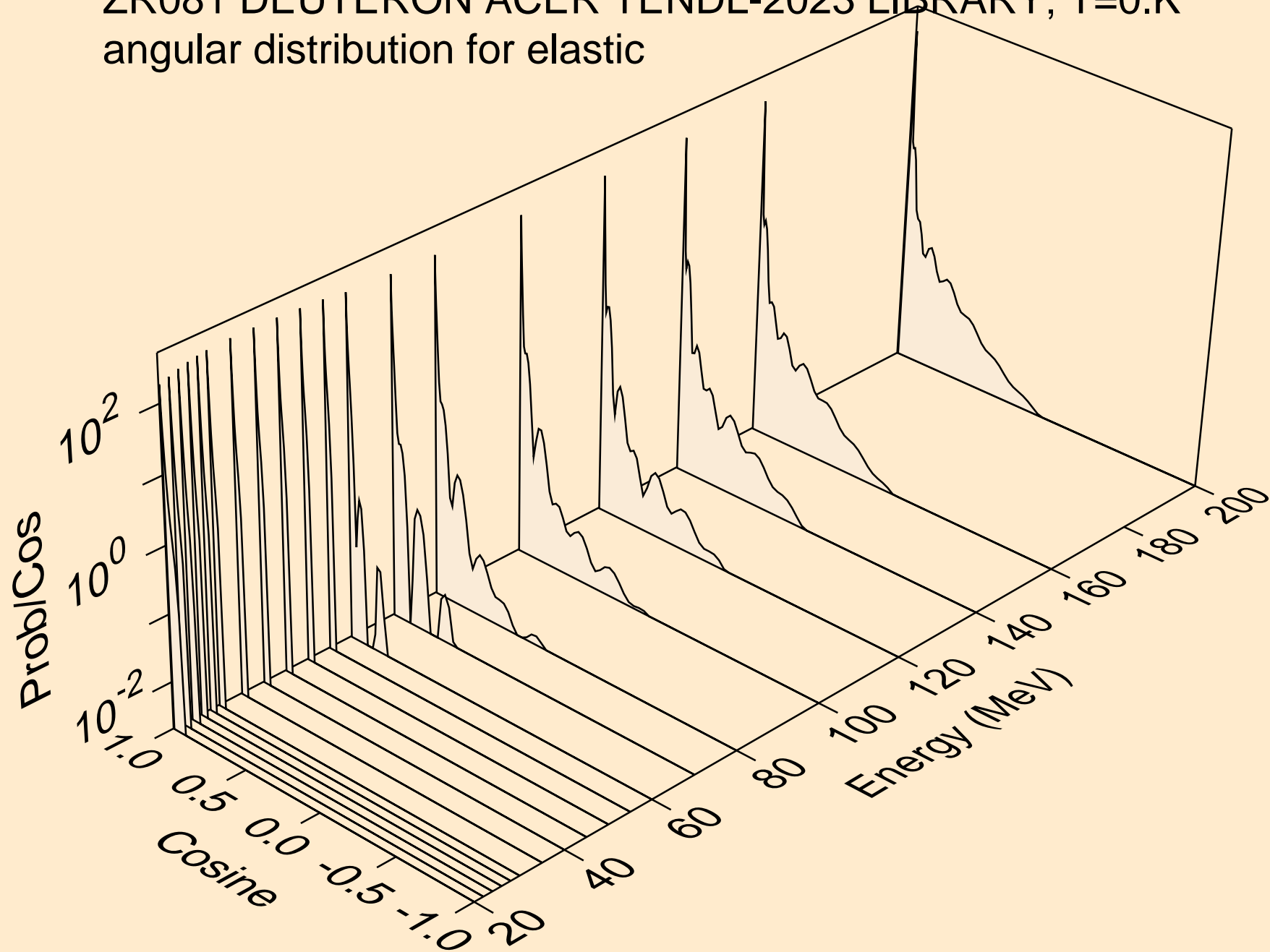
## Threshold reactions



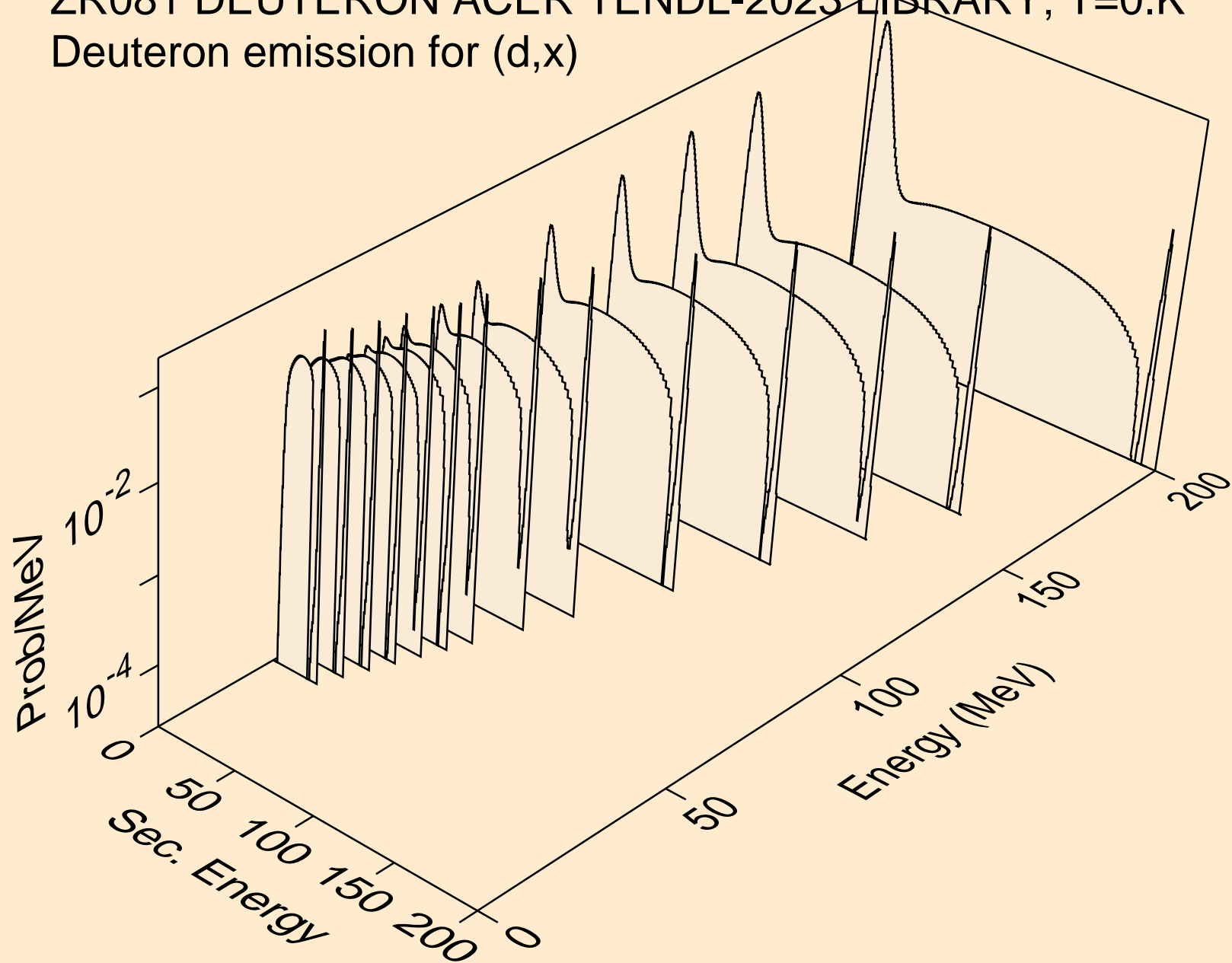
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

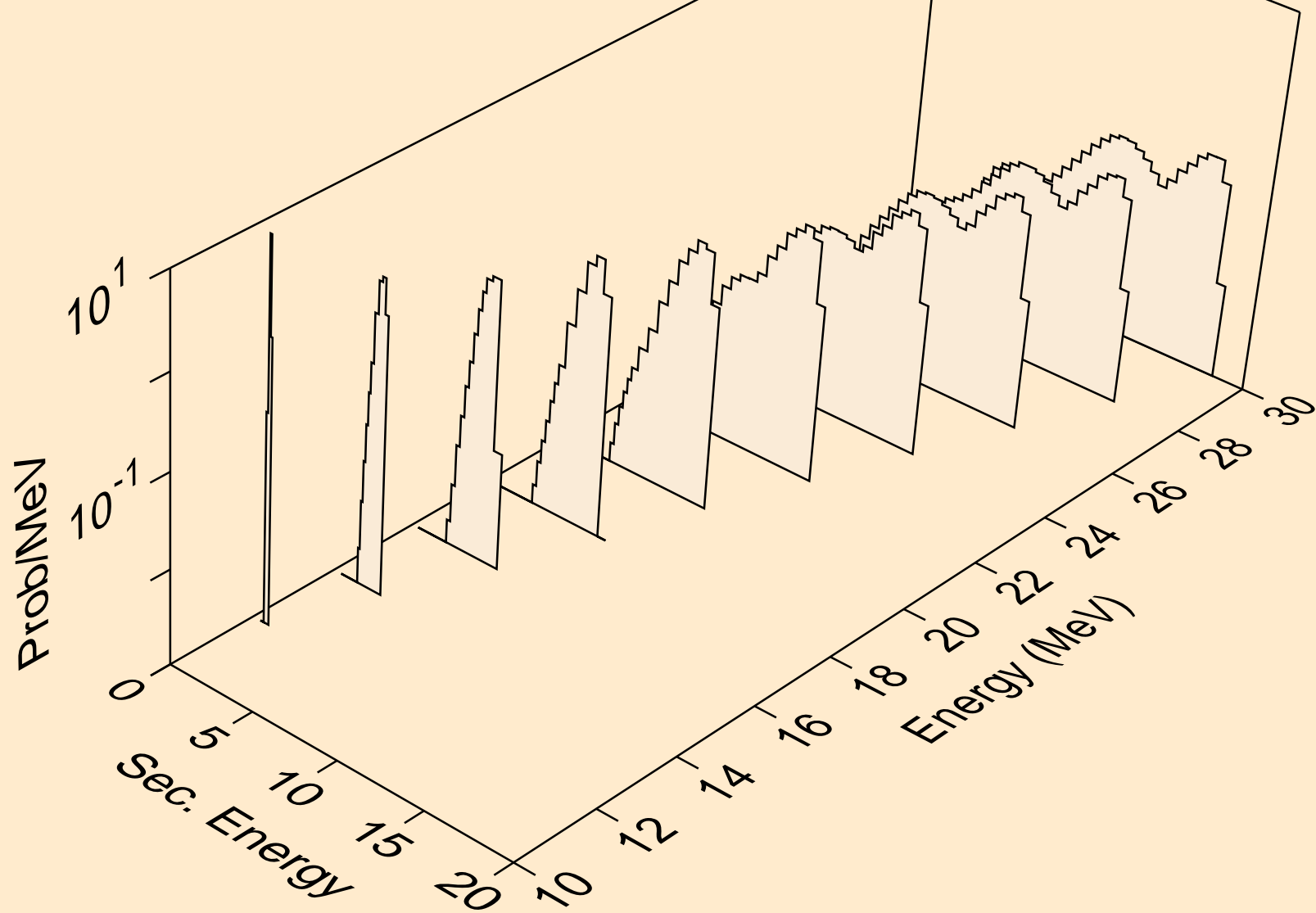


ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,x)

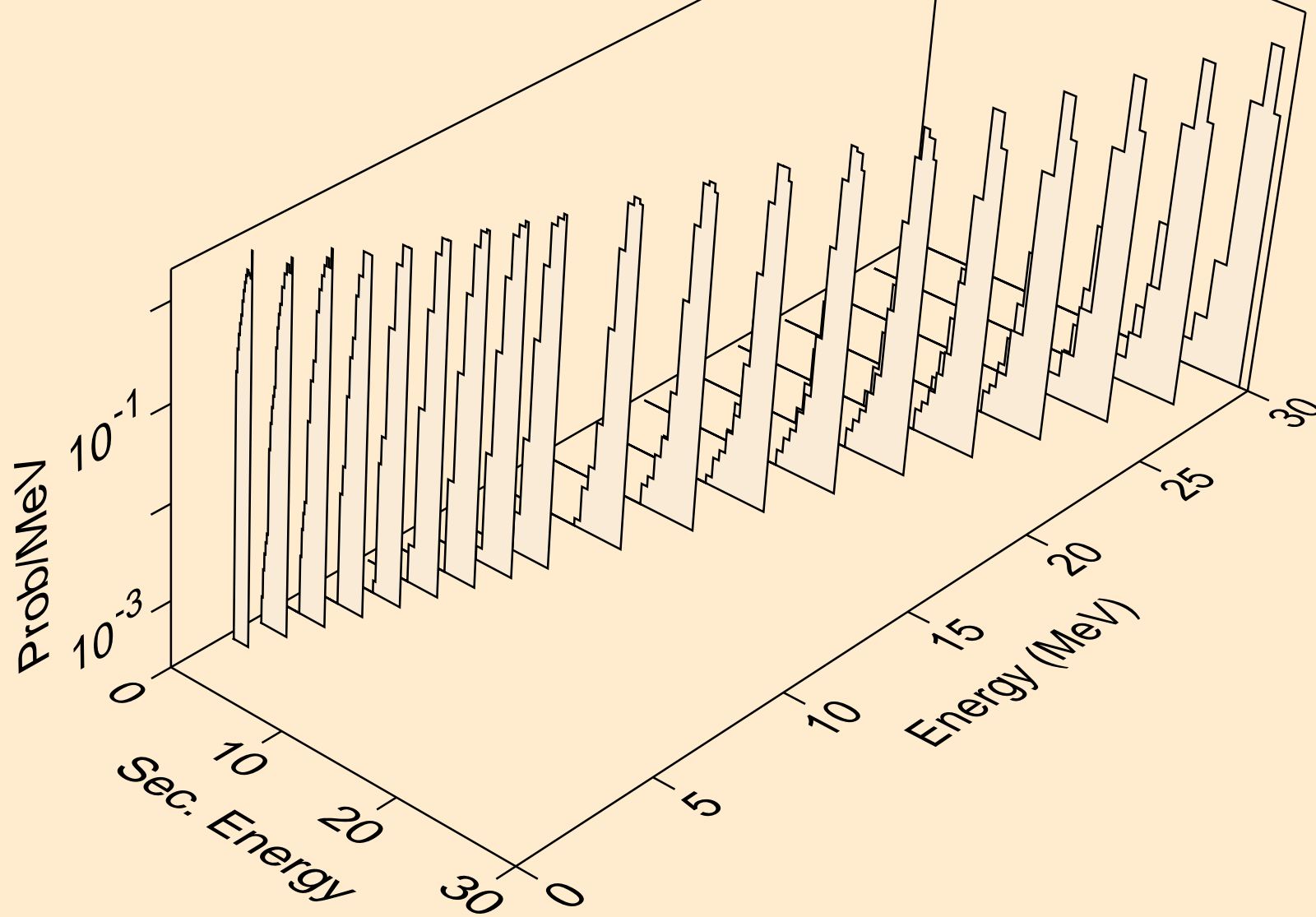




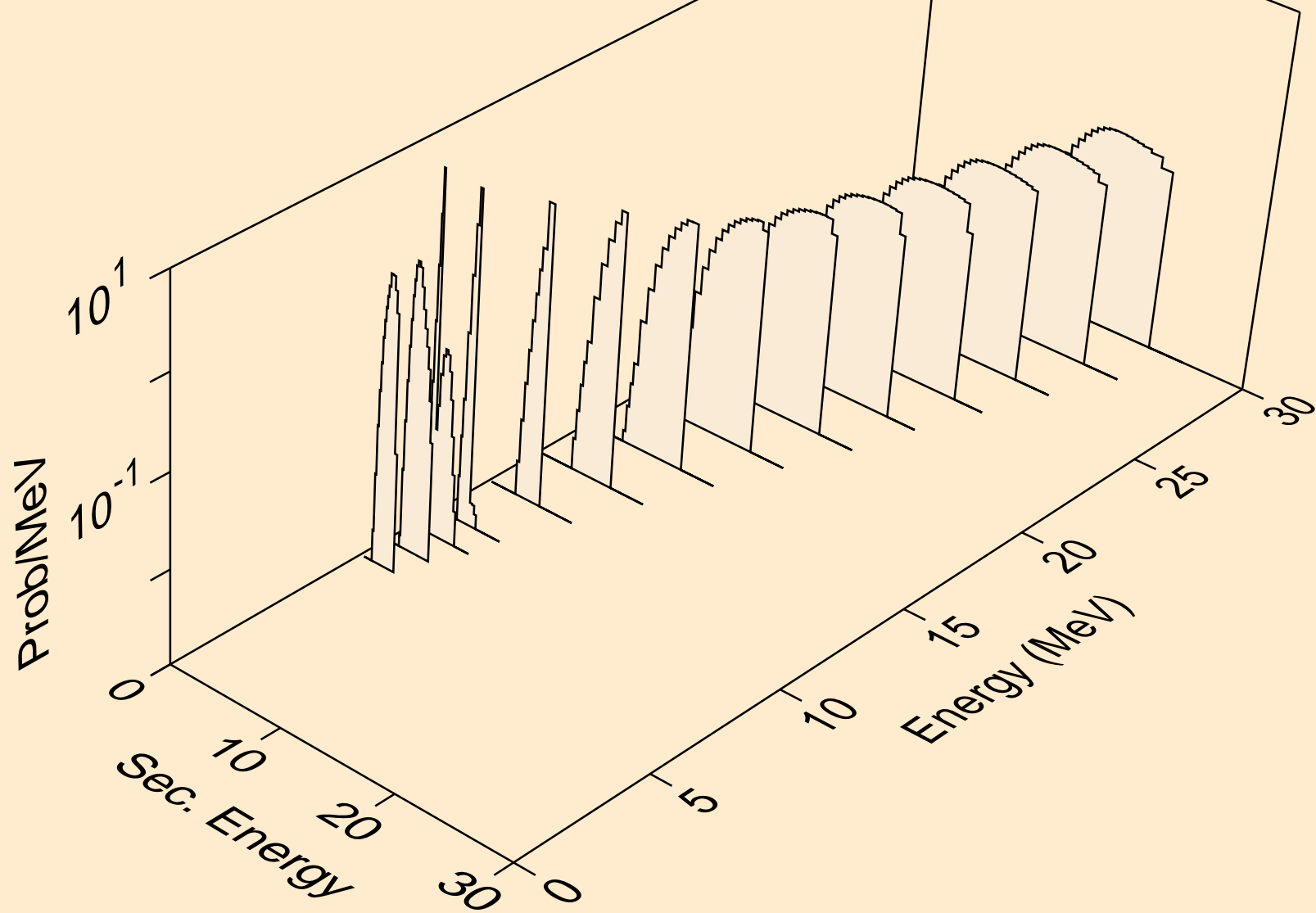
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,n\*)d



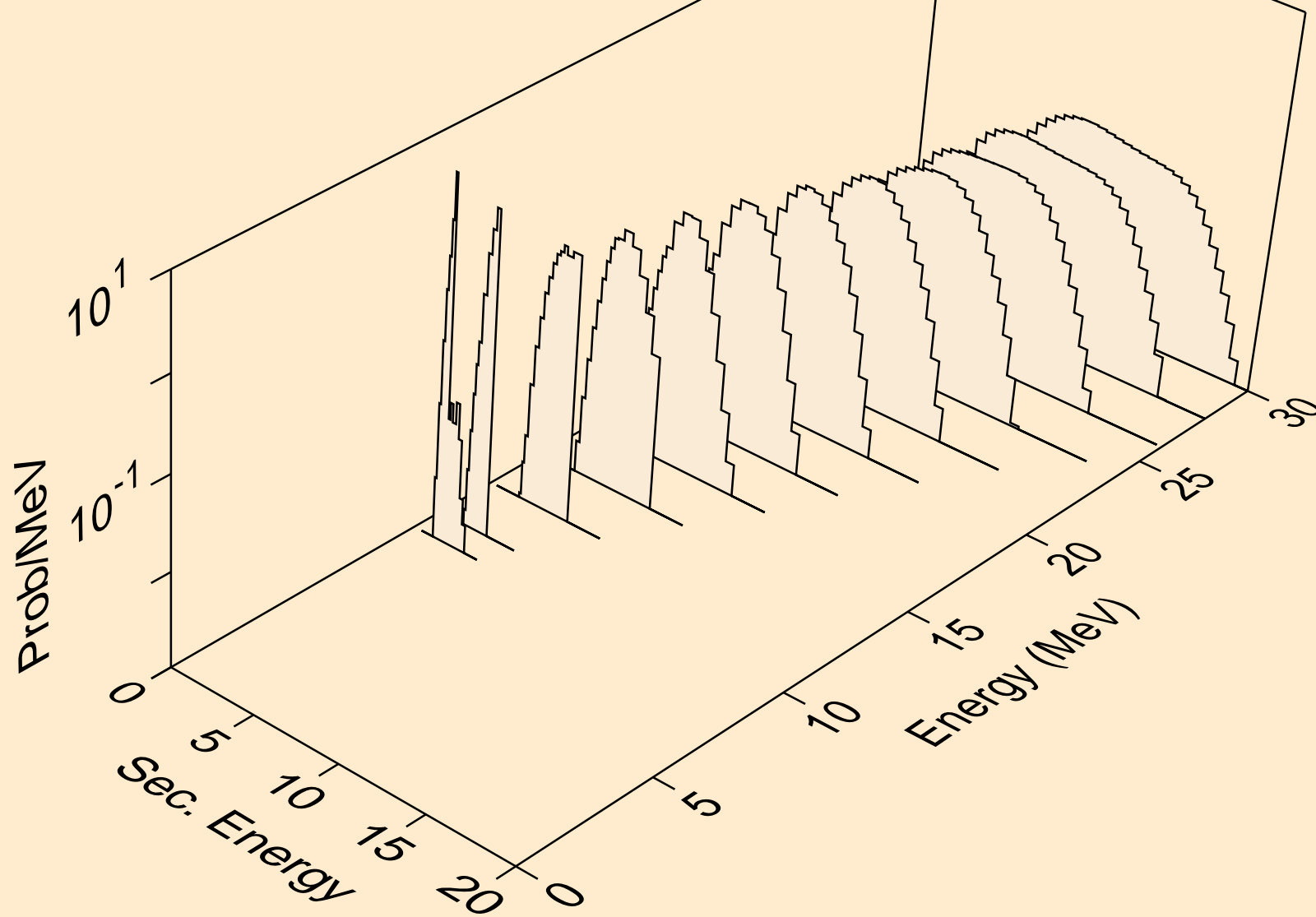
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



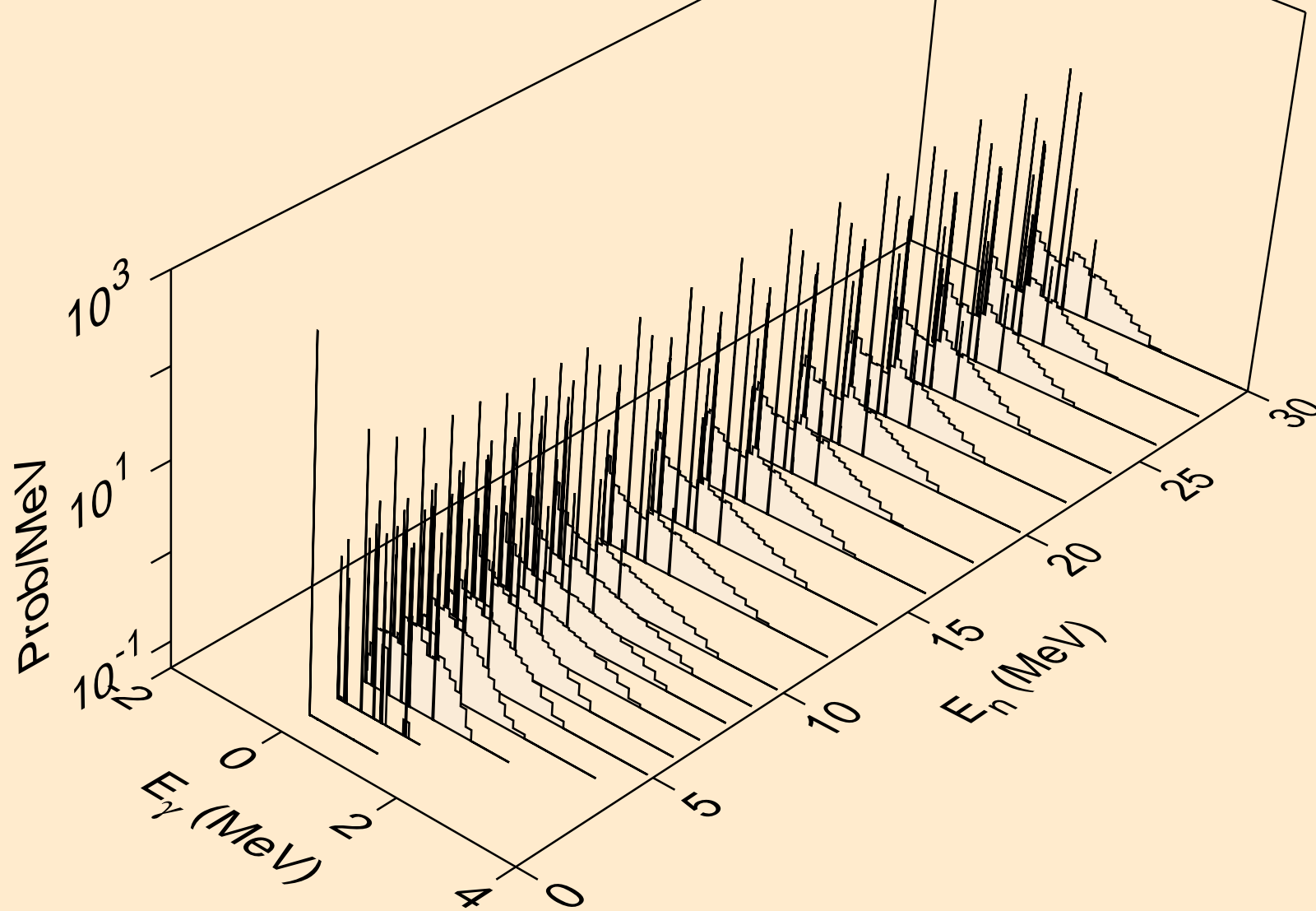
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Deuteron emission for (d,pd)



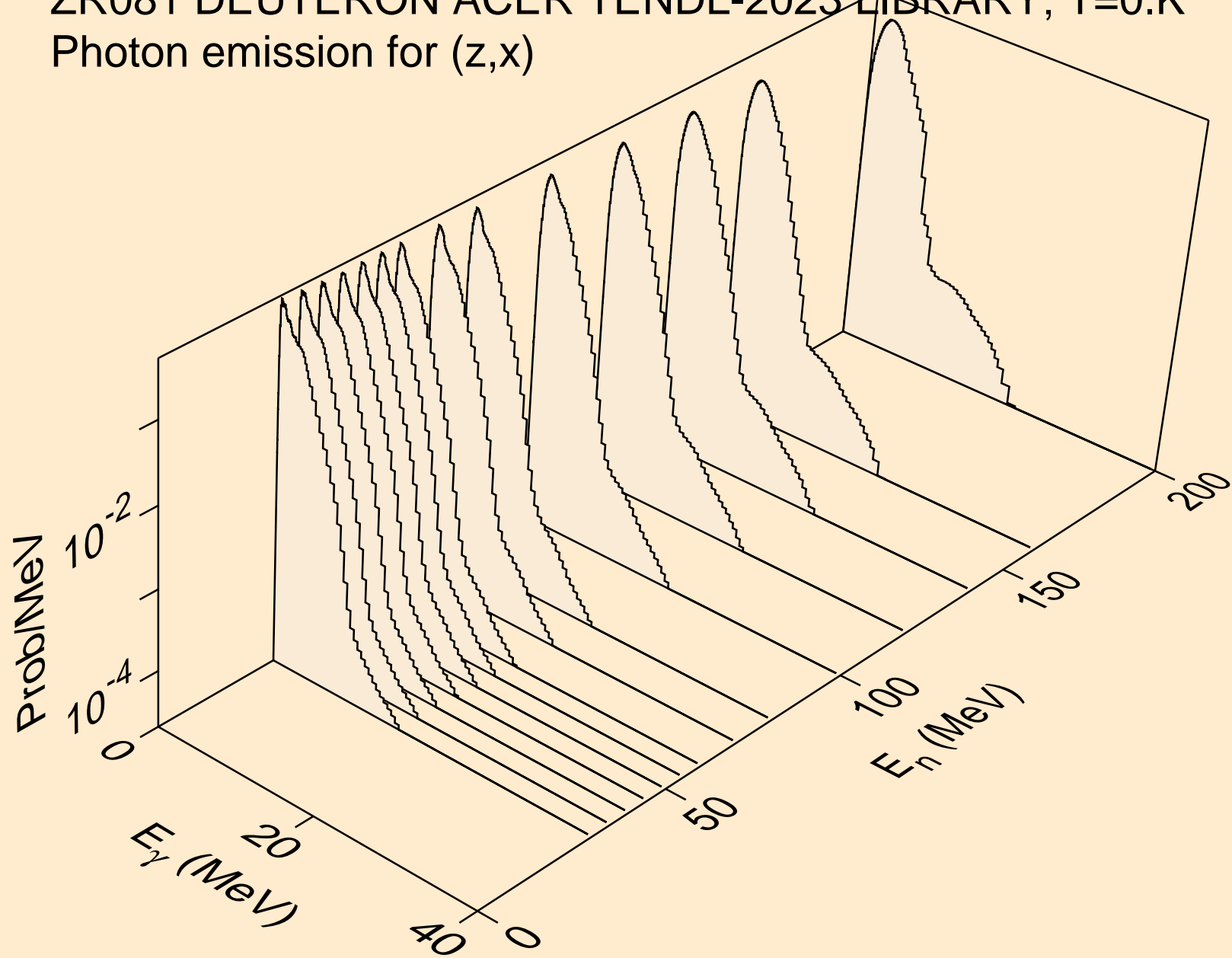
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Deuteron emission for (d,da)



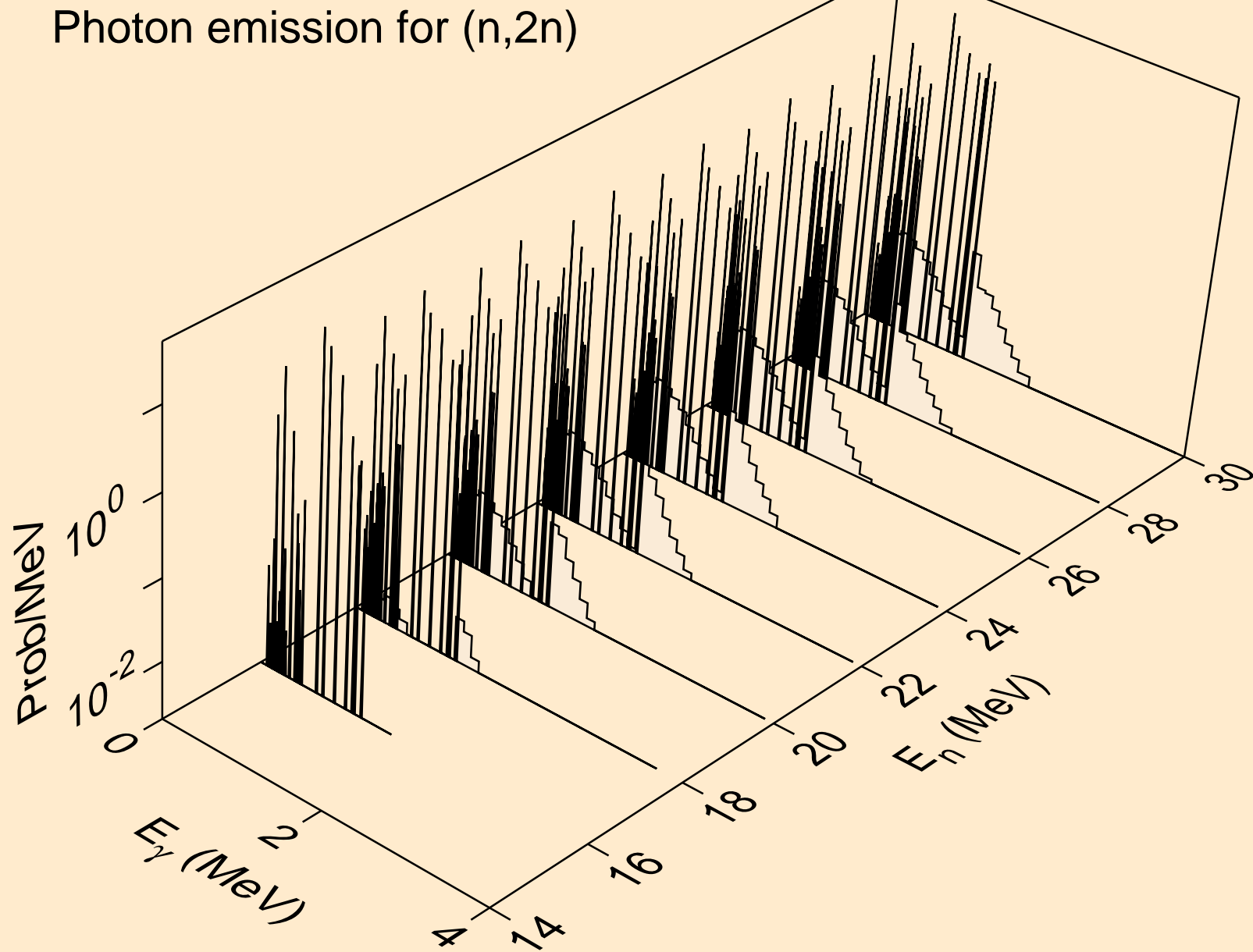
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



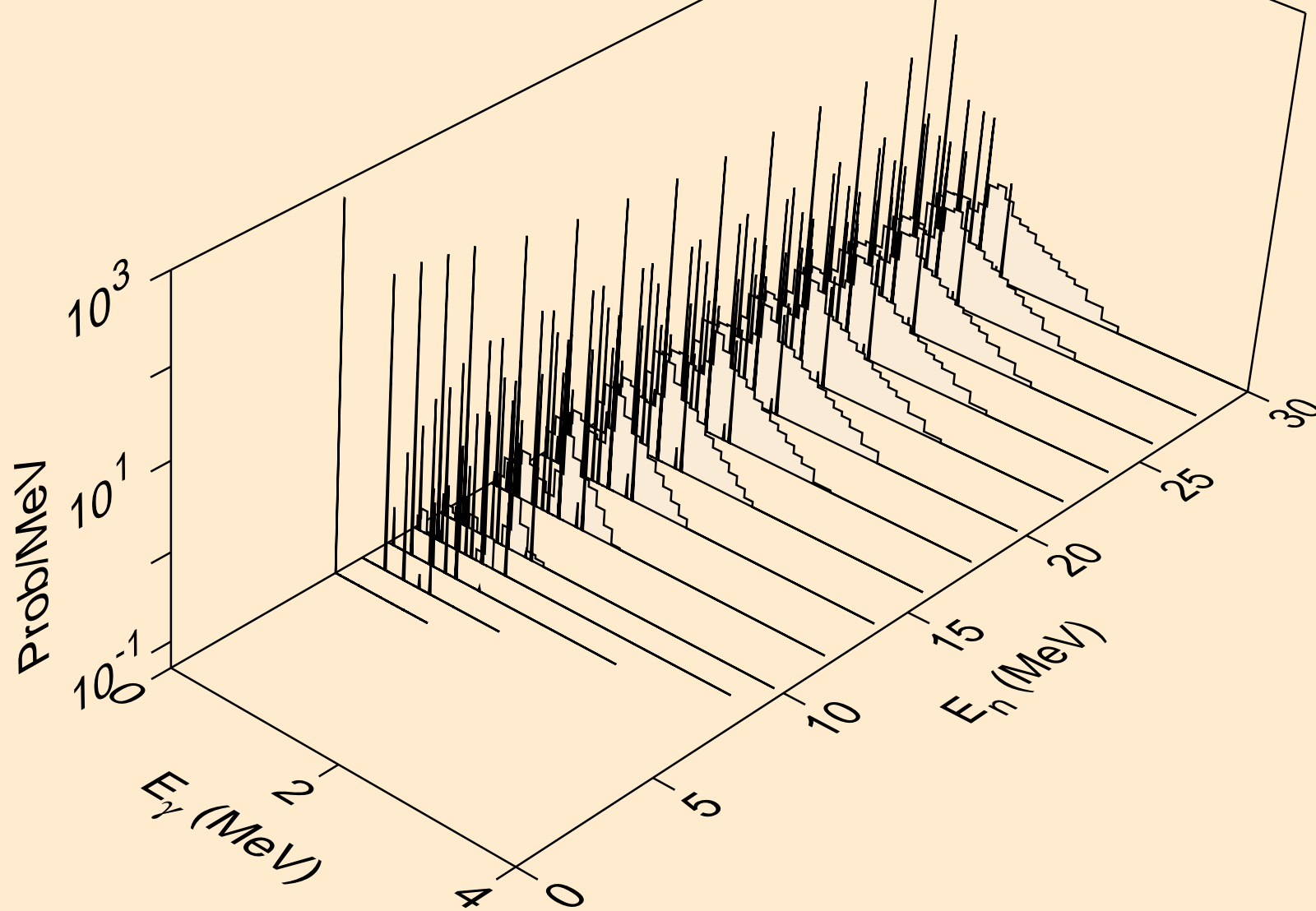
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

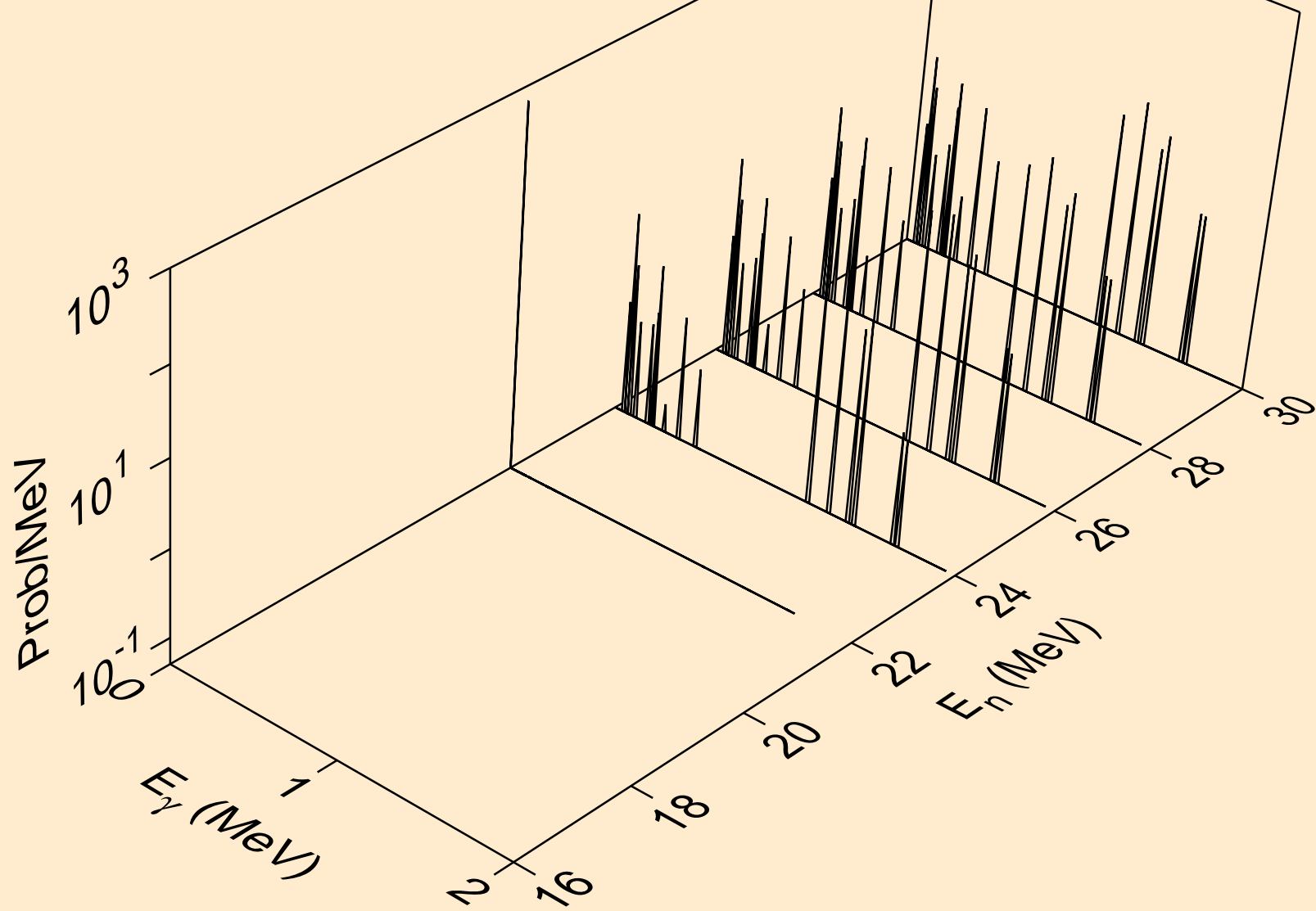


ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

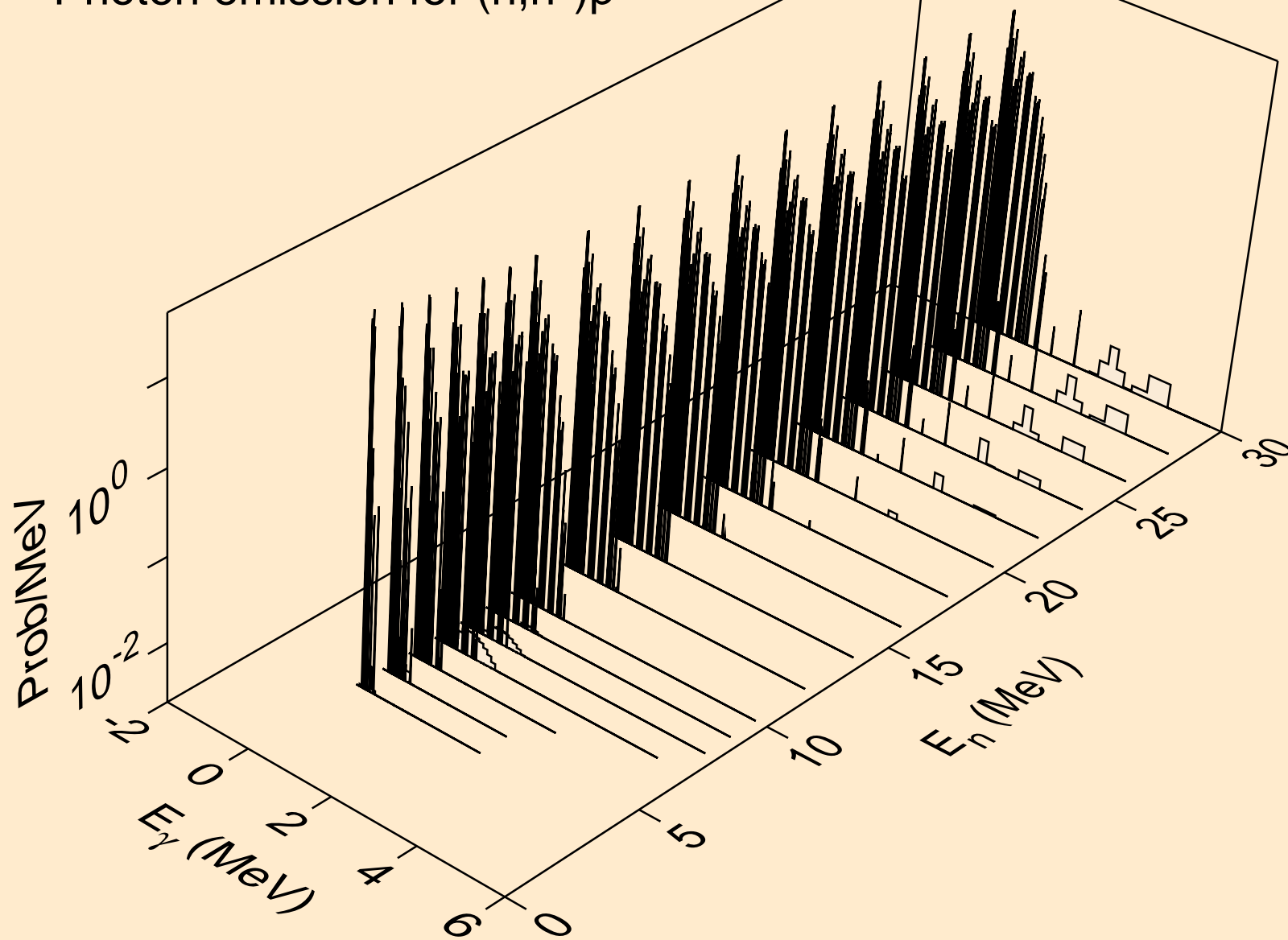




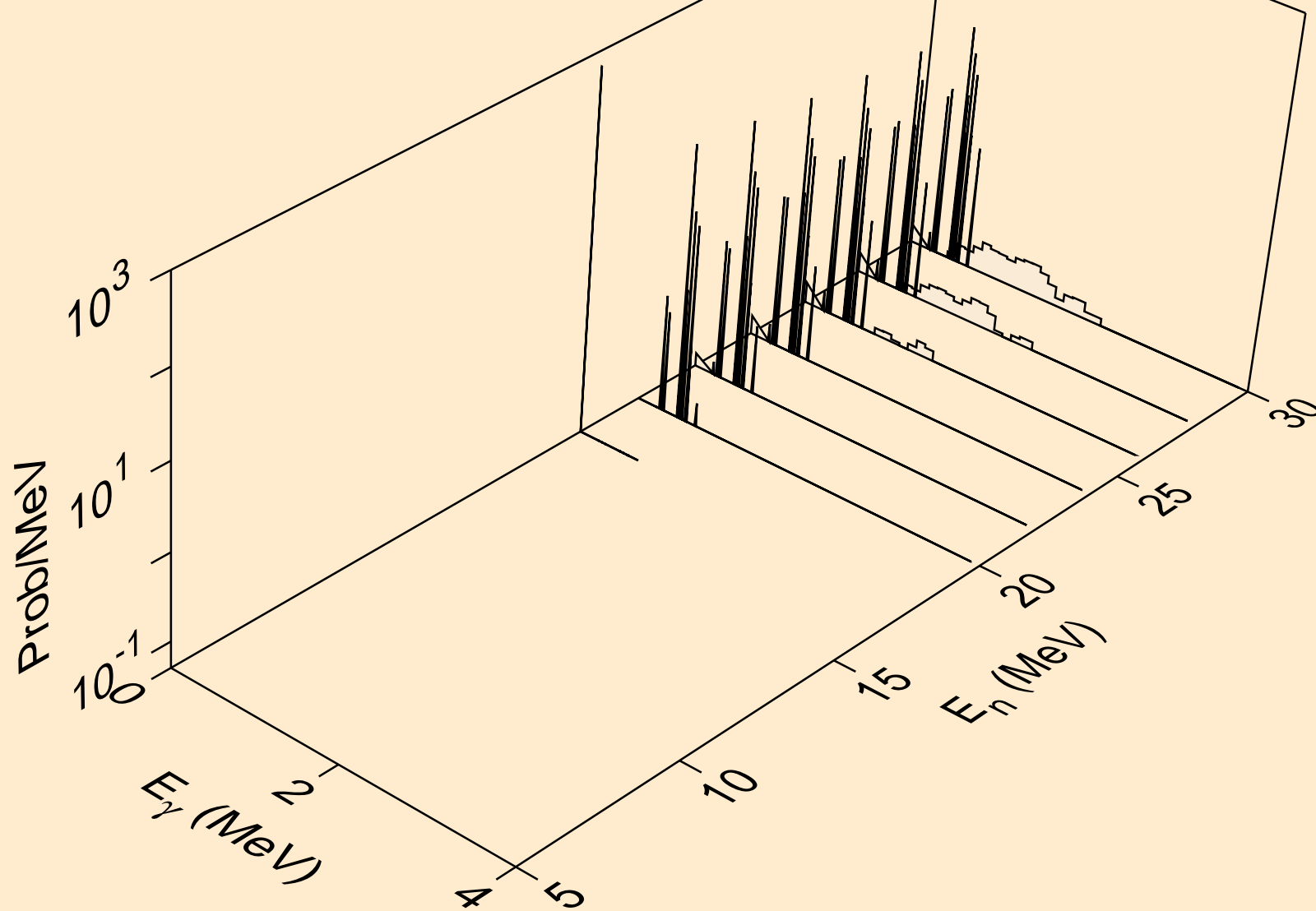
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Photon emission for (n,2n)a



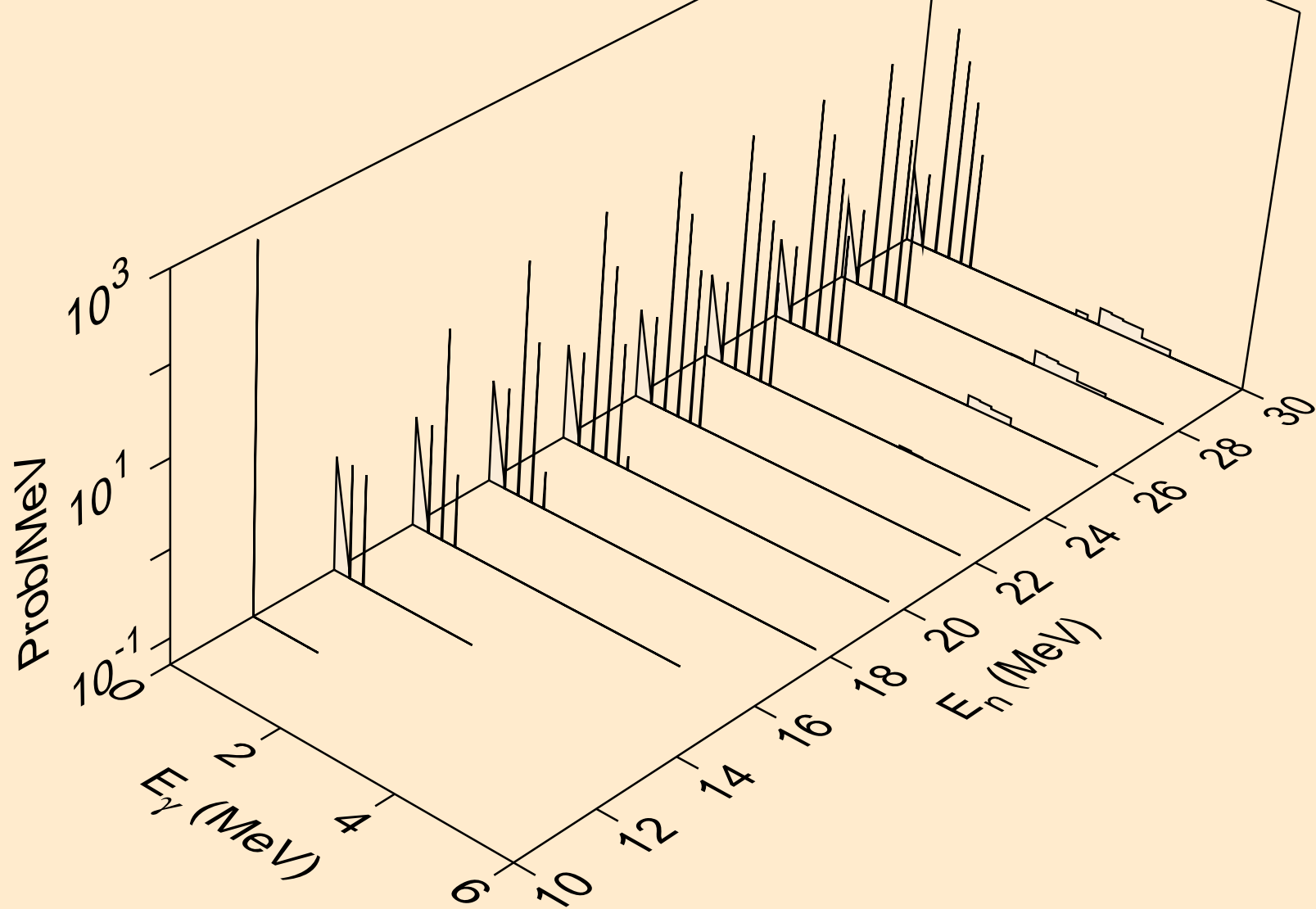
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



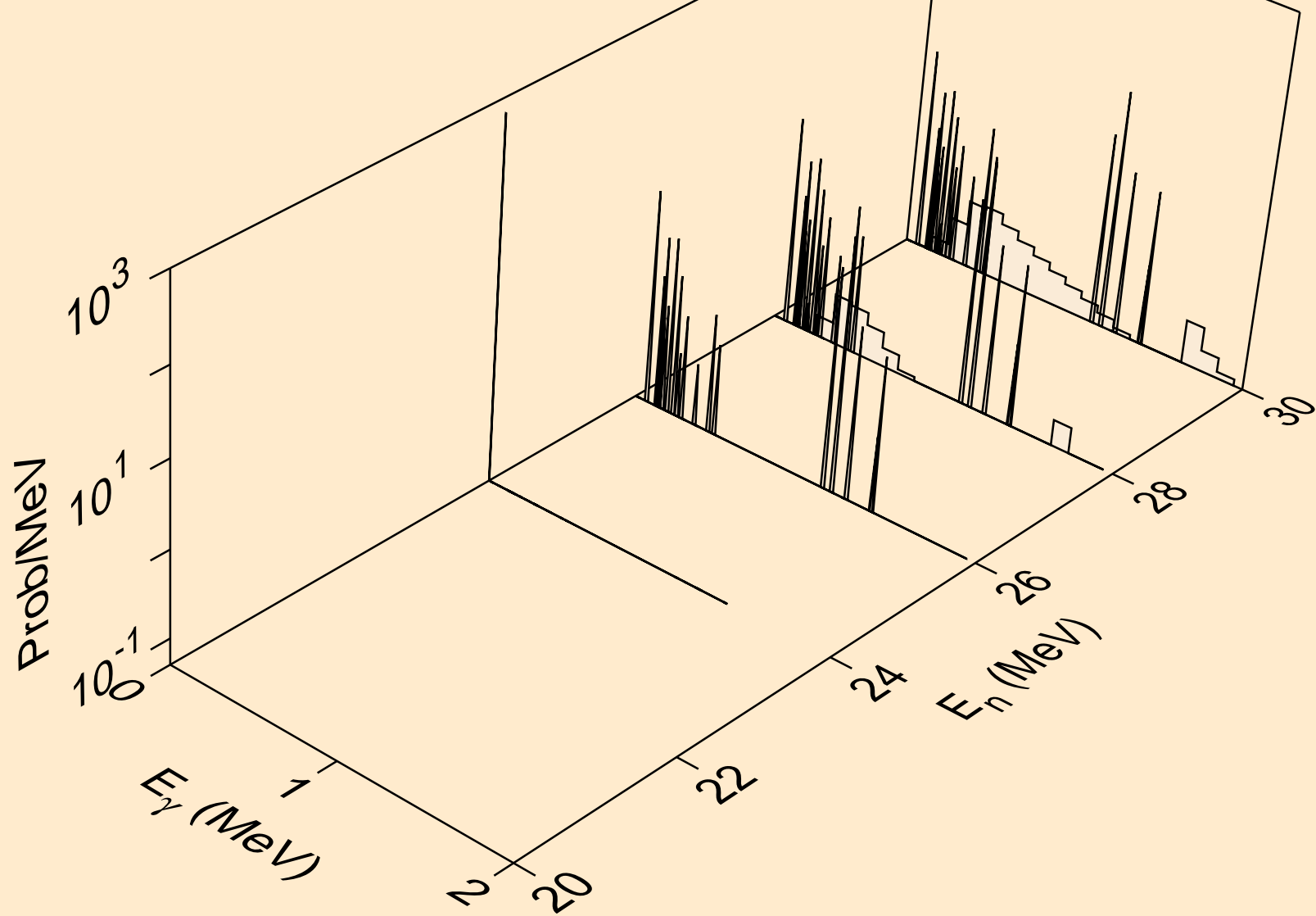
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Photon emission for (n,n\*)2a



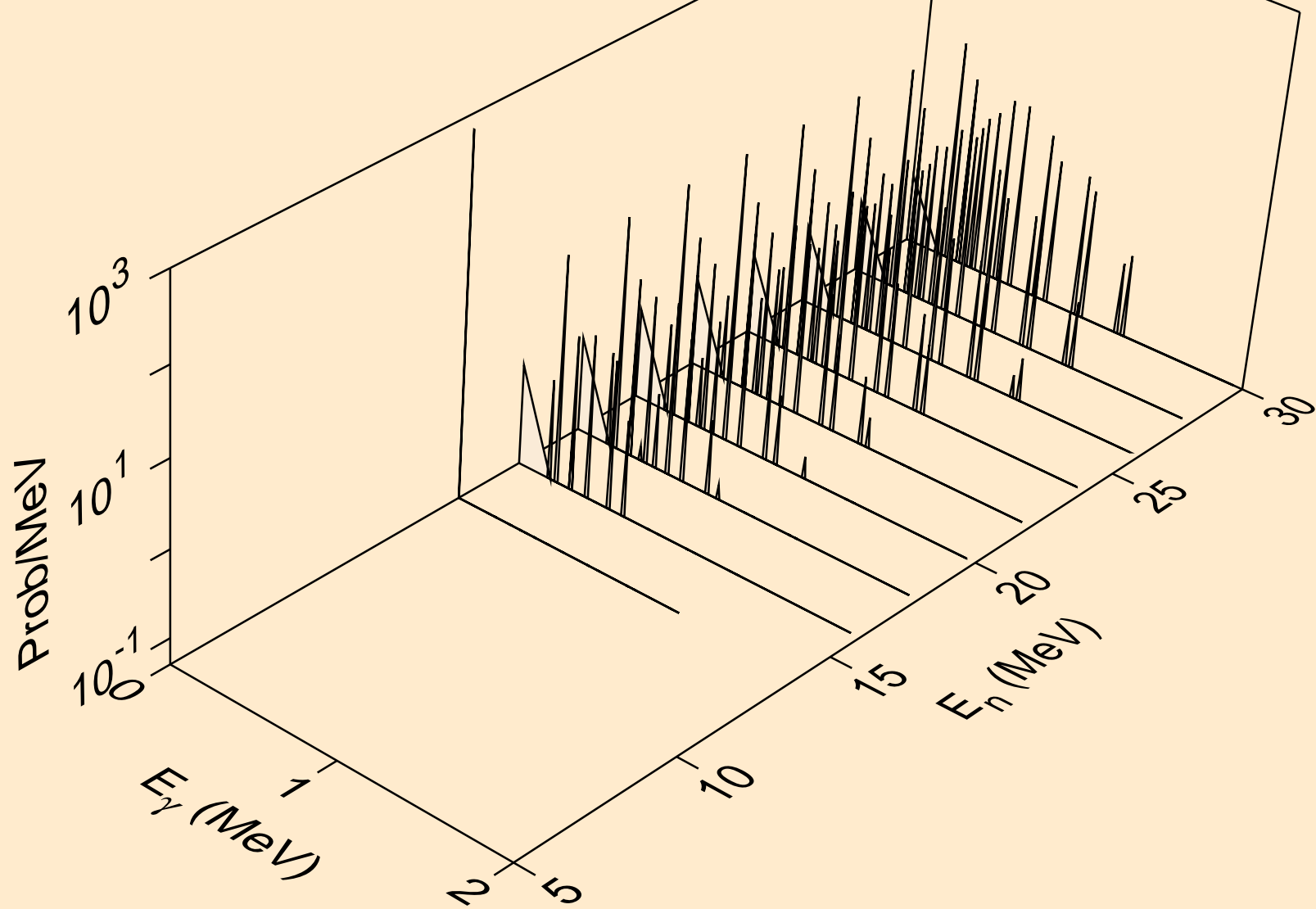
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Photon emission for (n,n\*)d



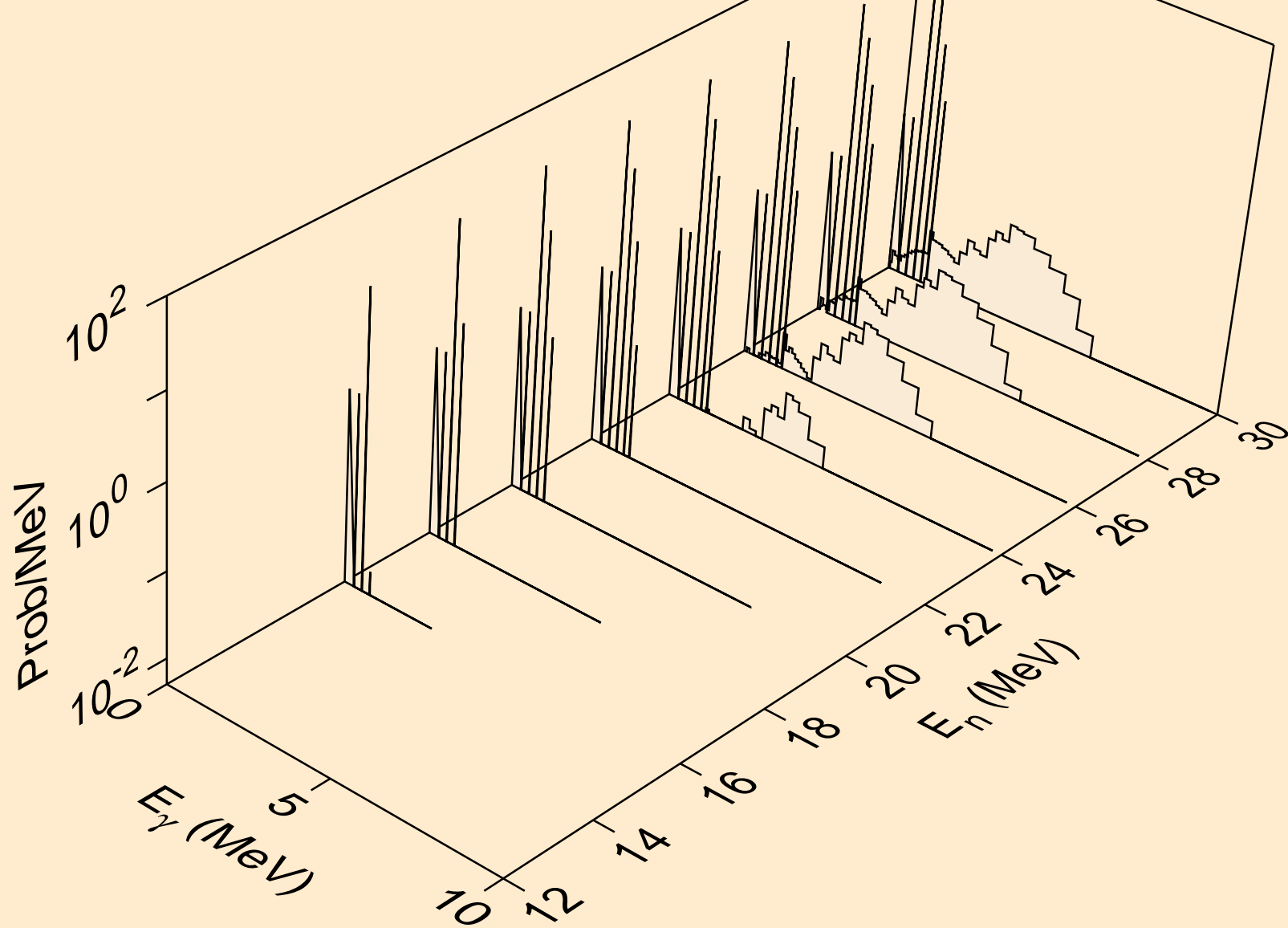
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Photon emission for (n,n\*)t



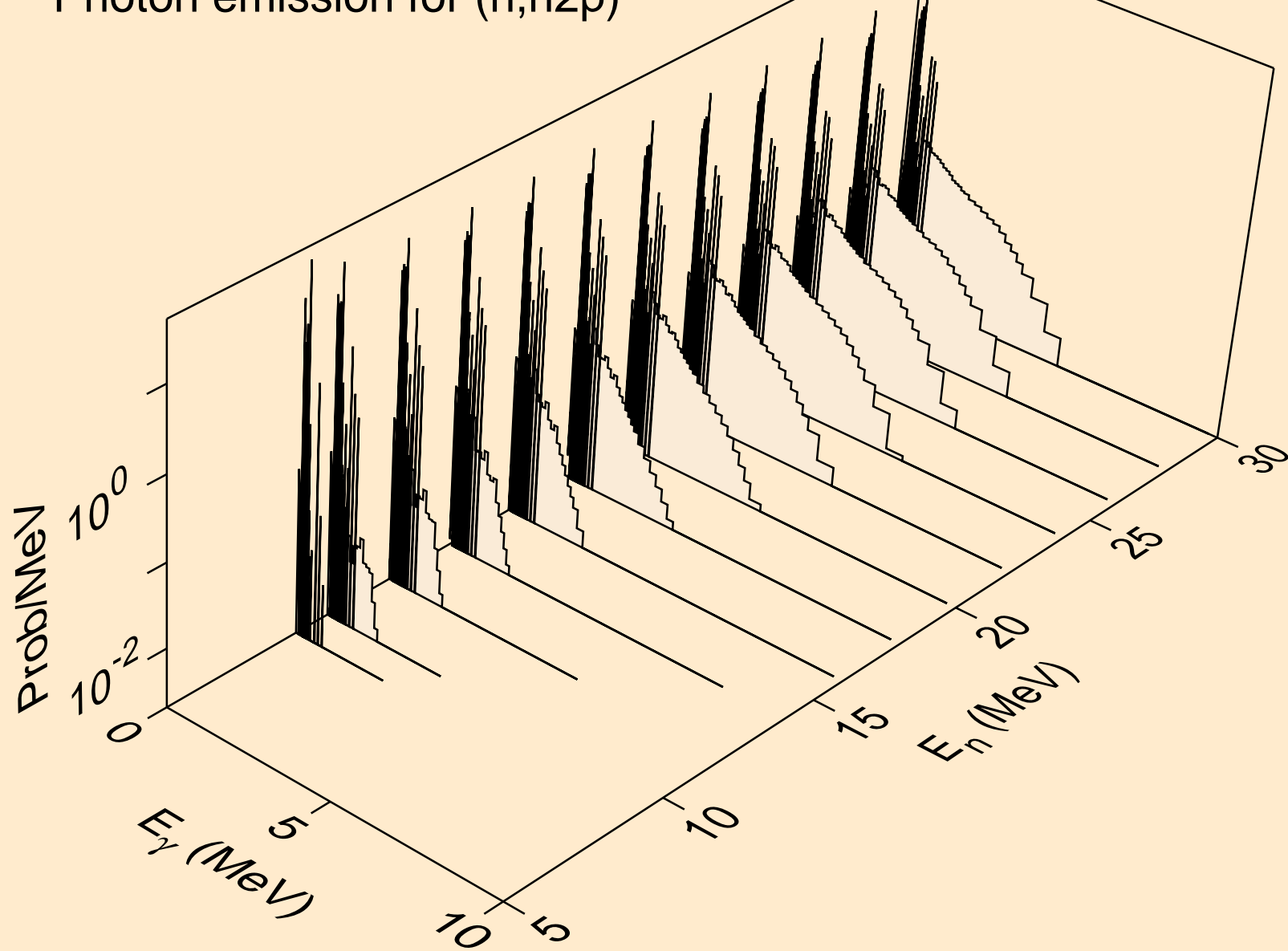
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

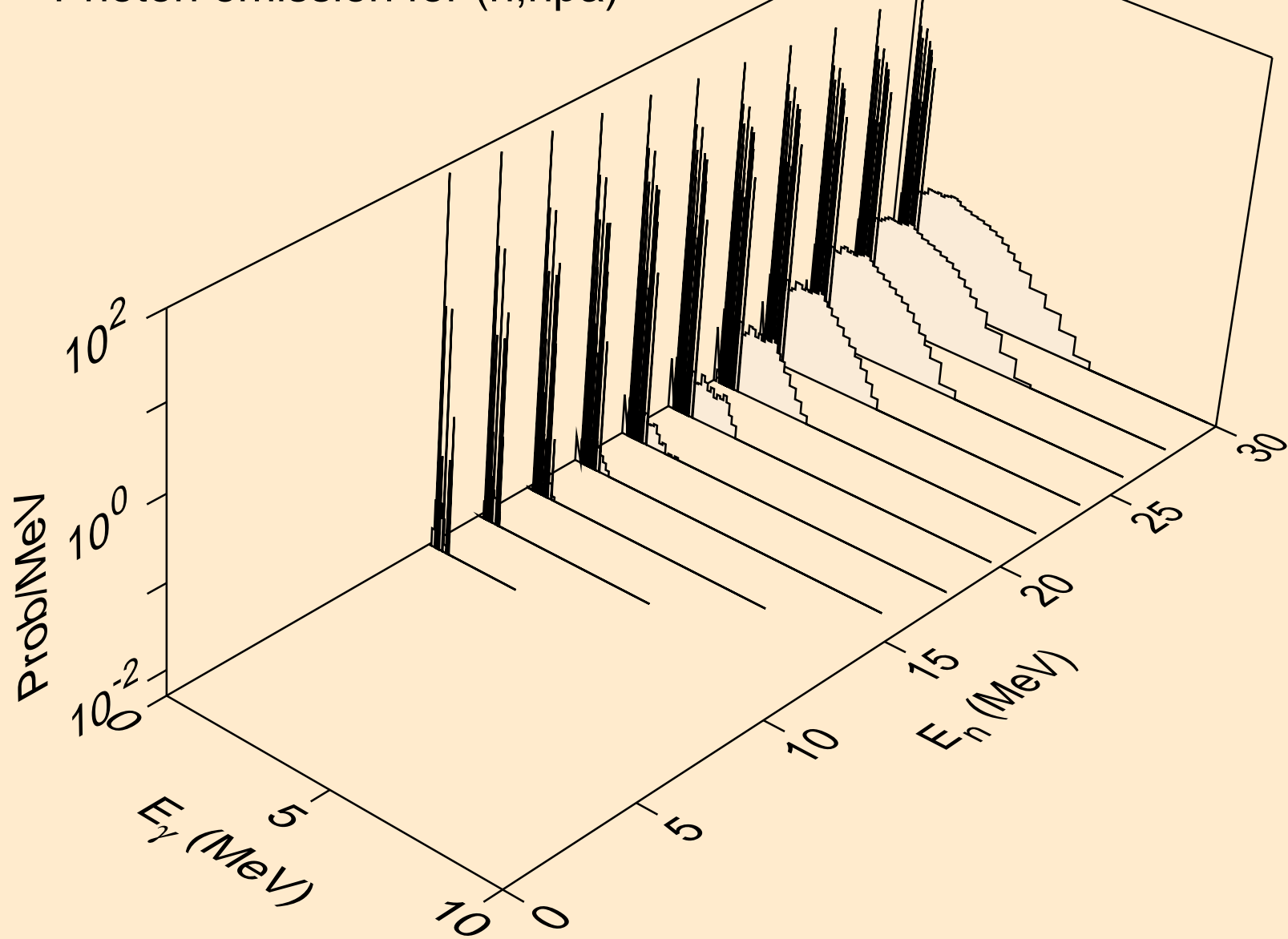


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Photon emission for (n,n2p)

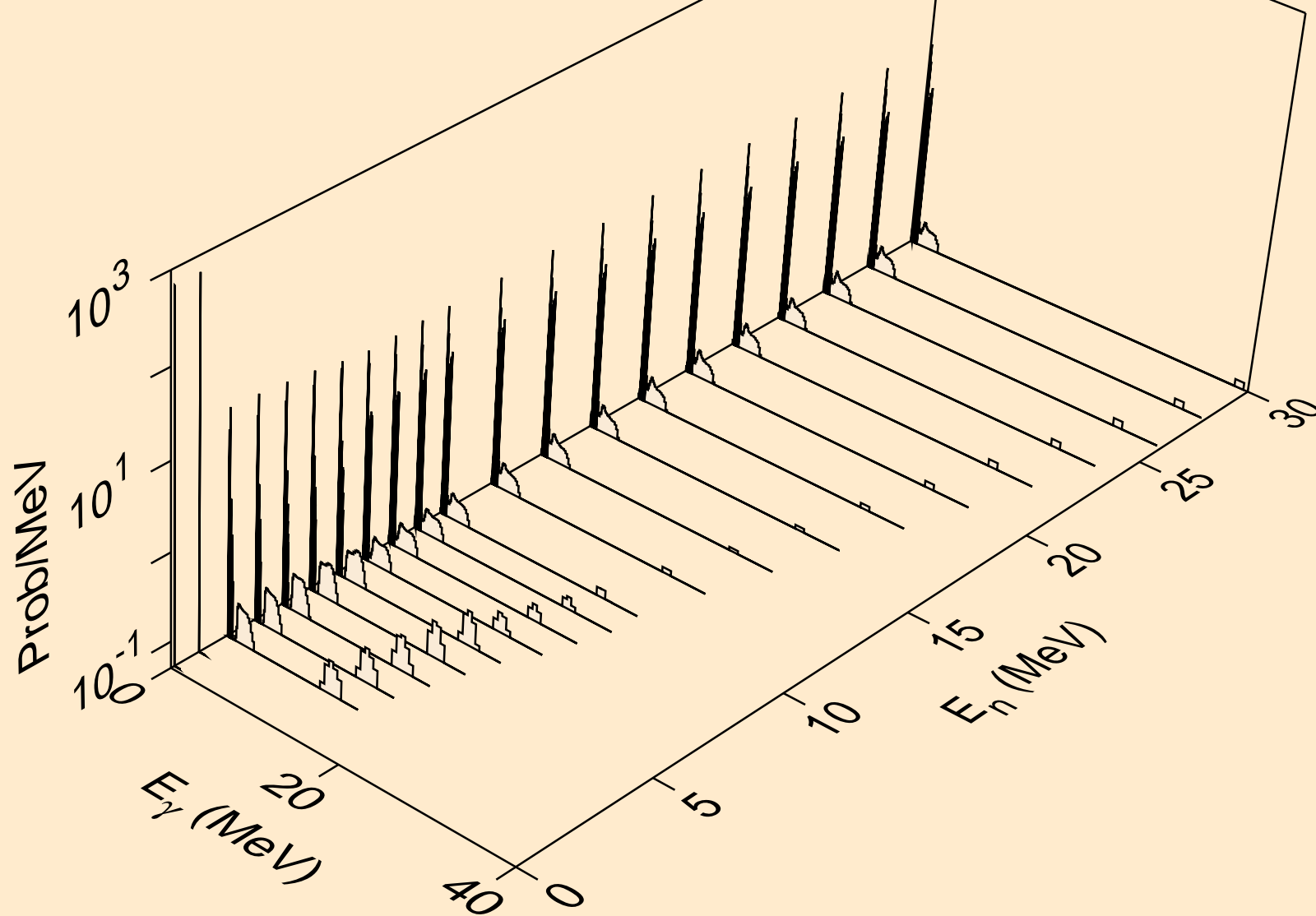




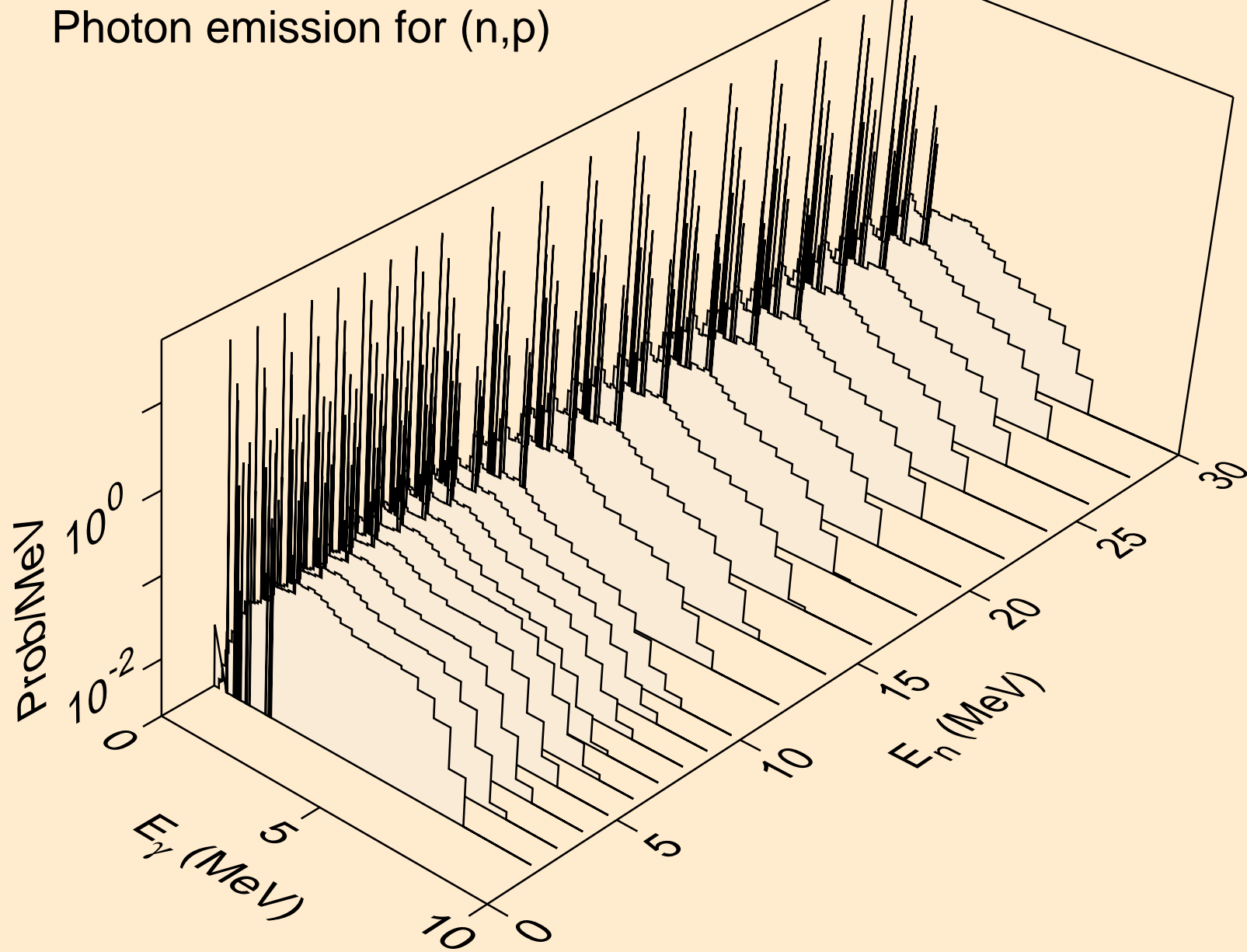
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Photon emission for (n,npa)



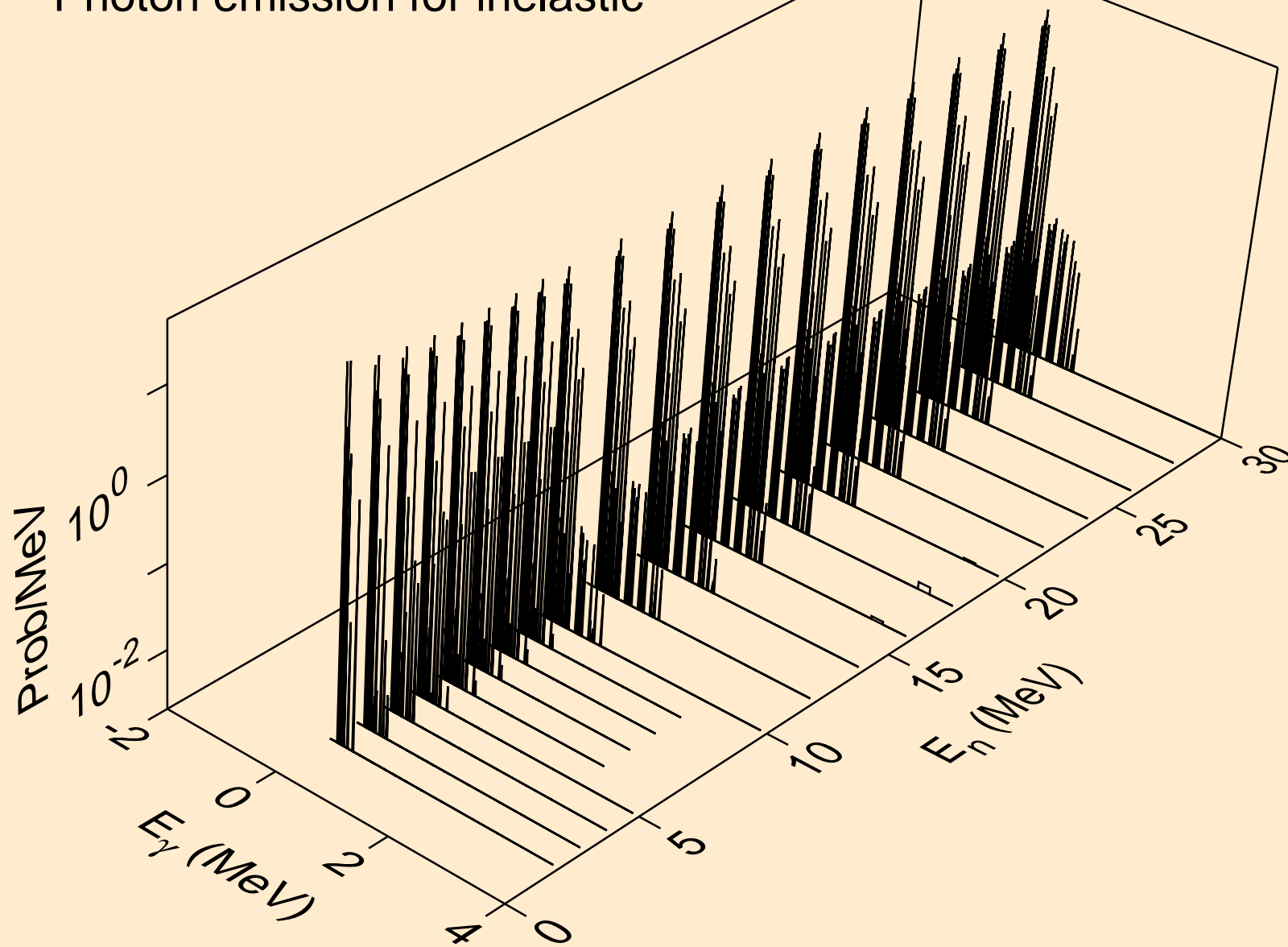
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Photon emission for (n,gma)



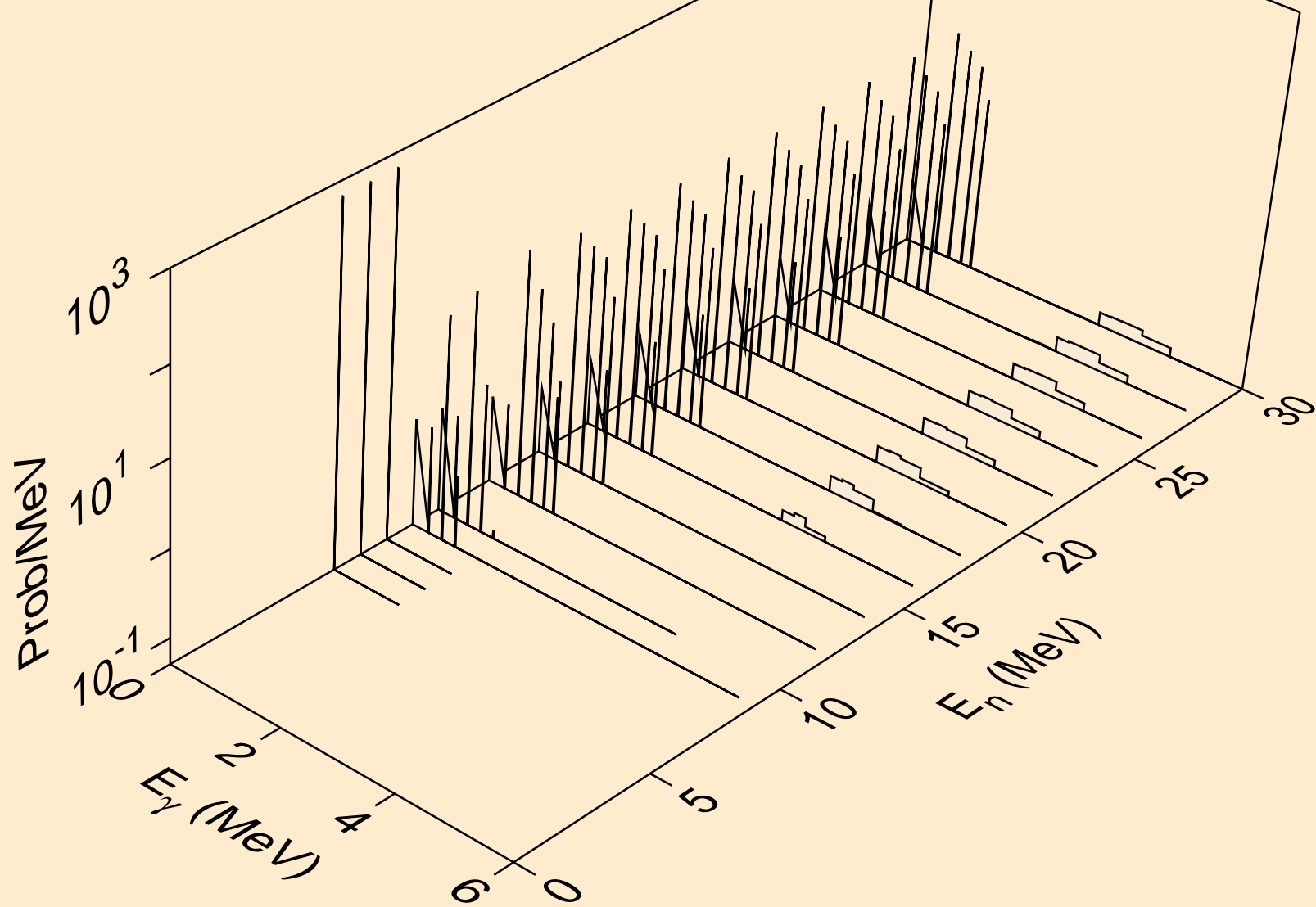
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Photon emission for (n,p)



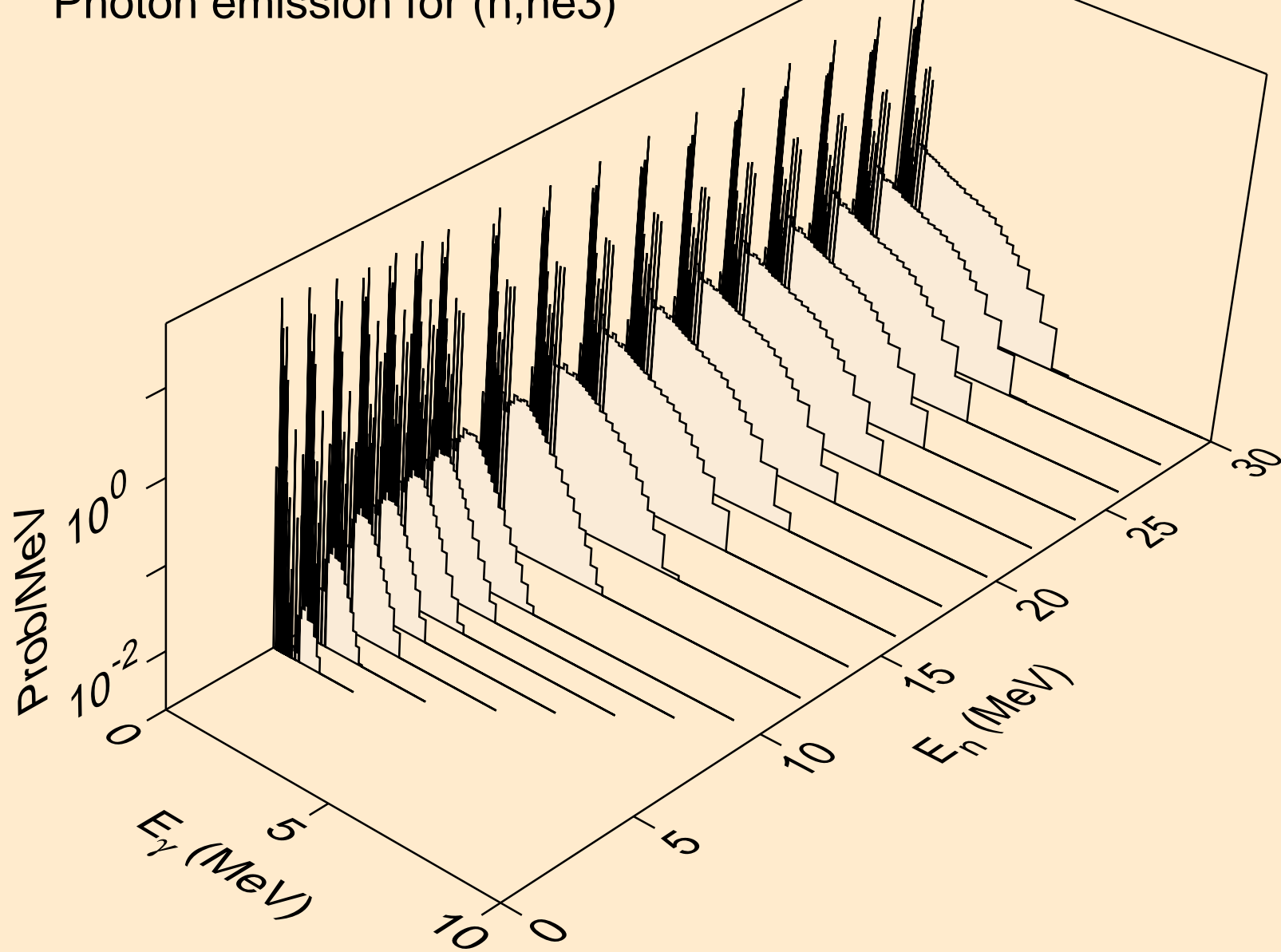
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Photon emission for inelastic



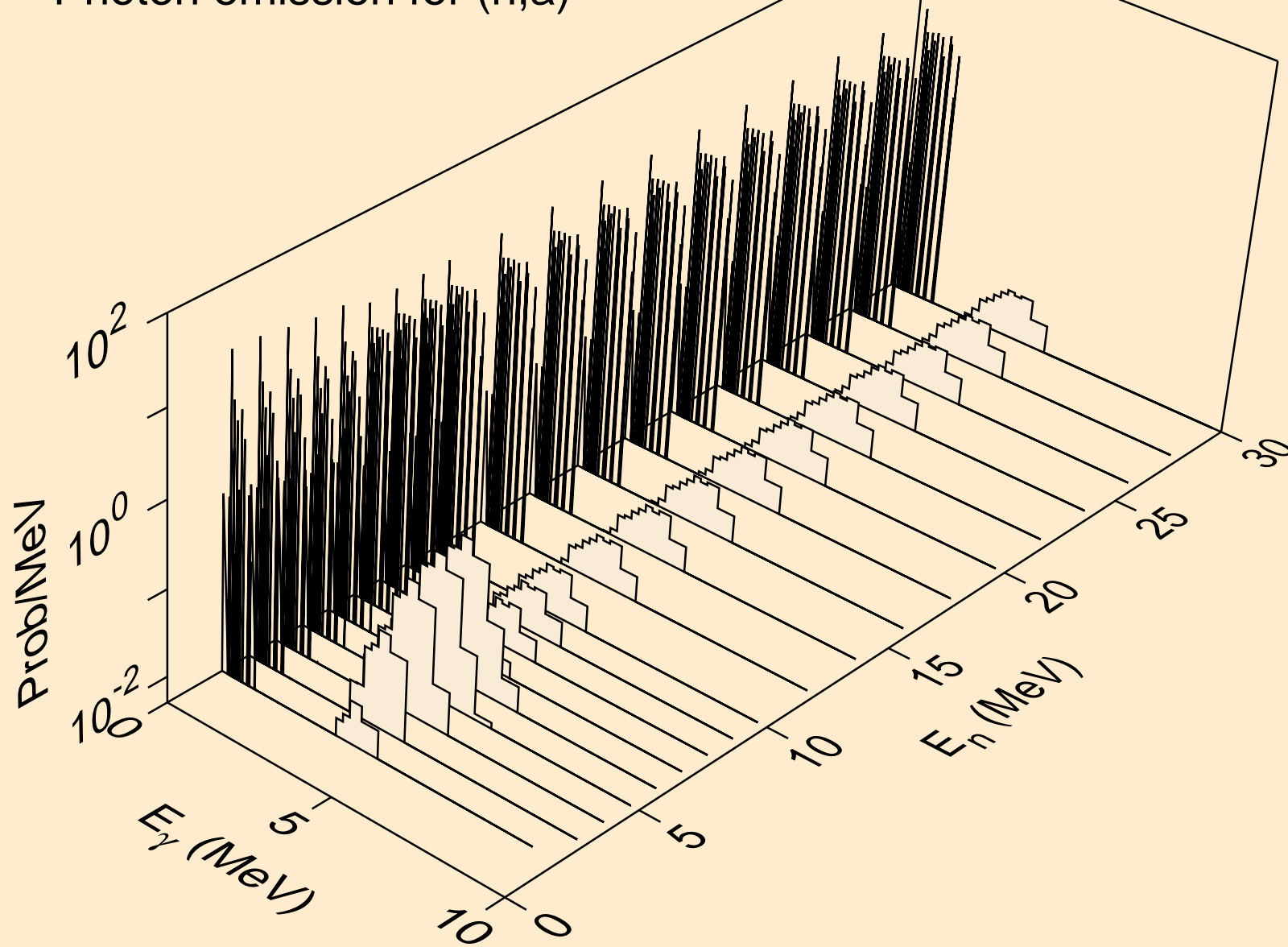
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Photon emission for (n,t)



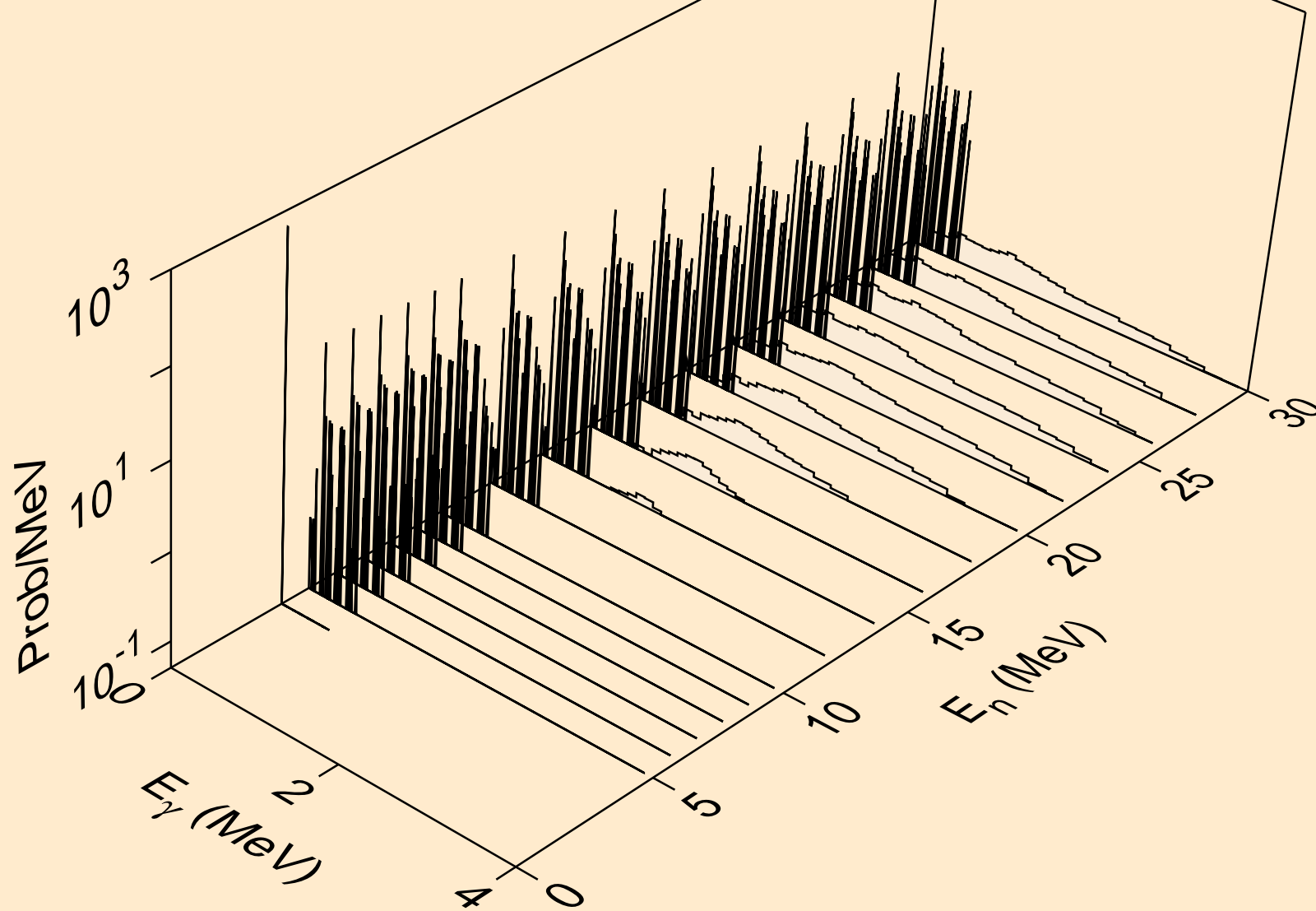
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

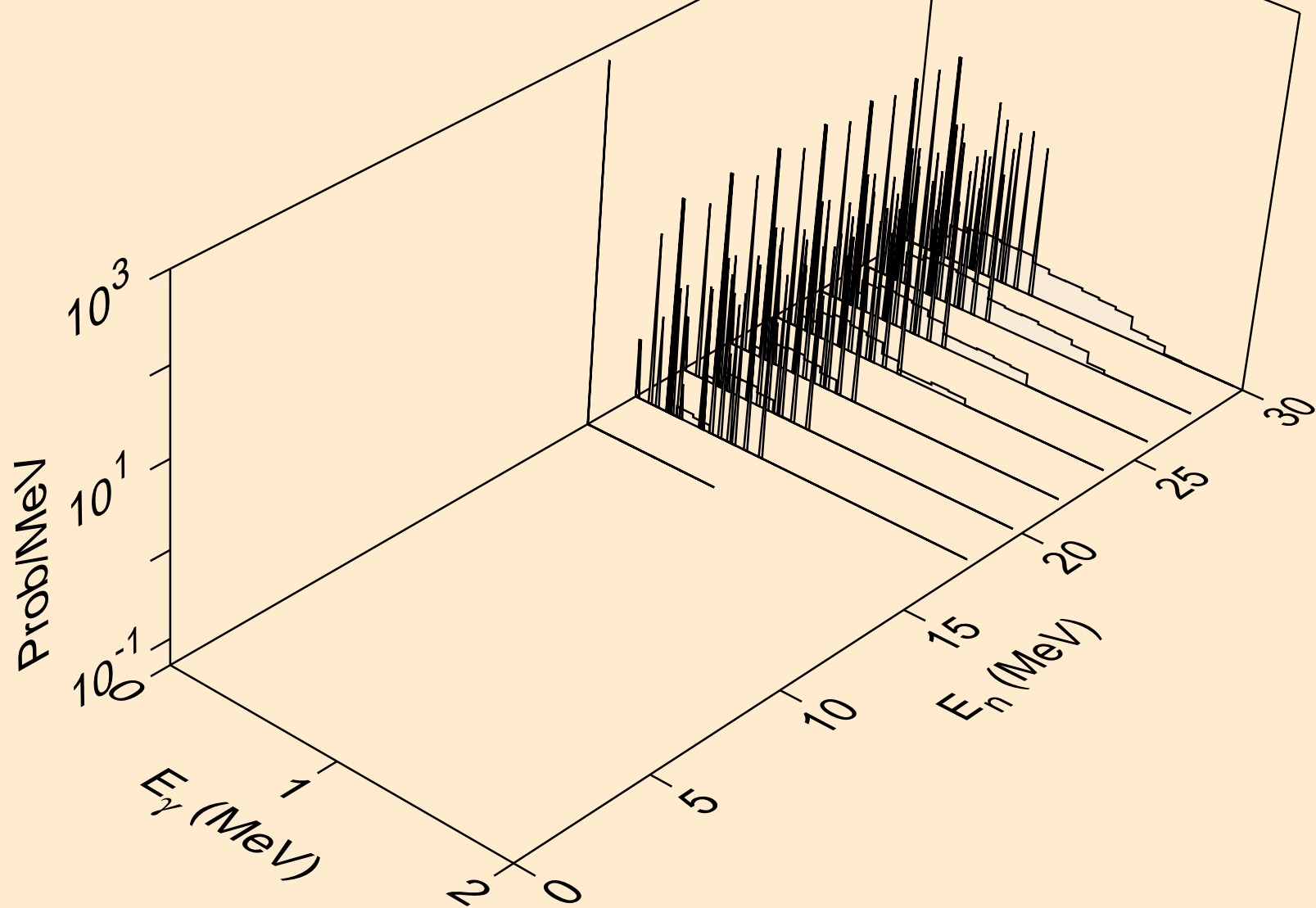


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Photon emission for (n,2a)

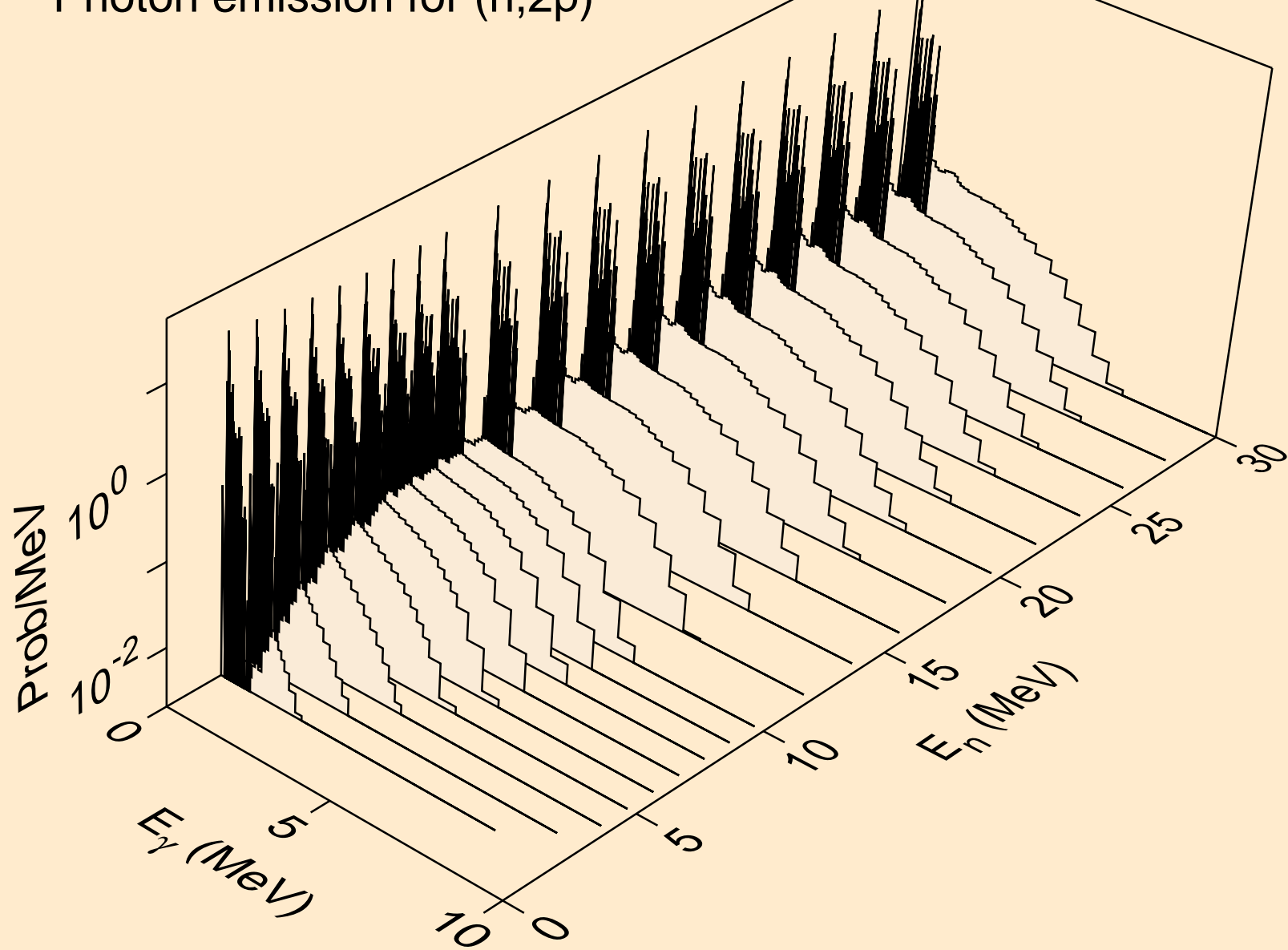




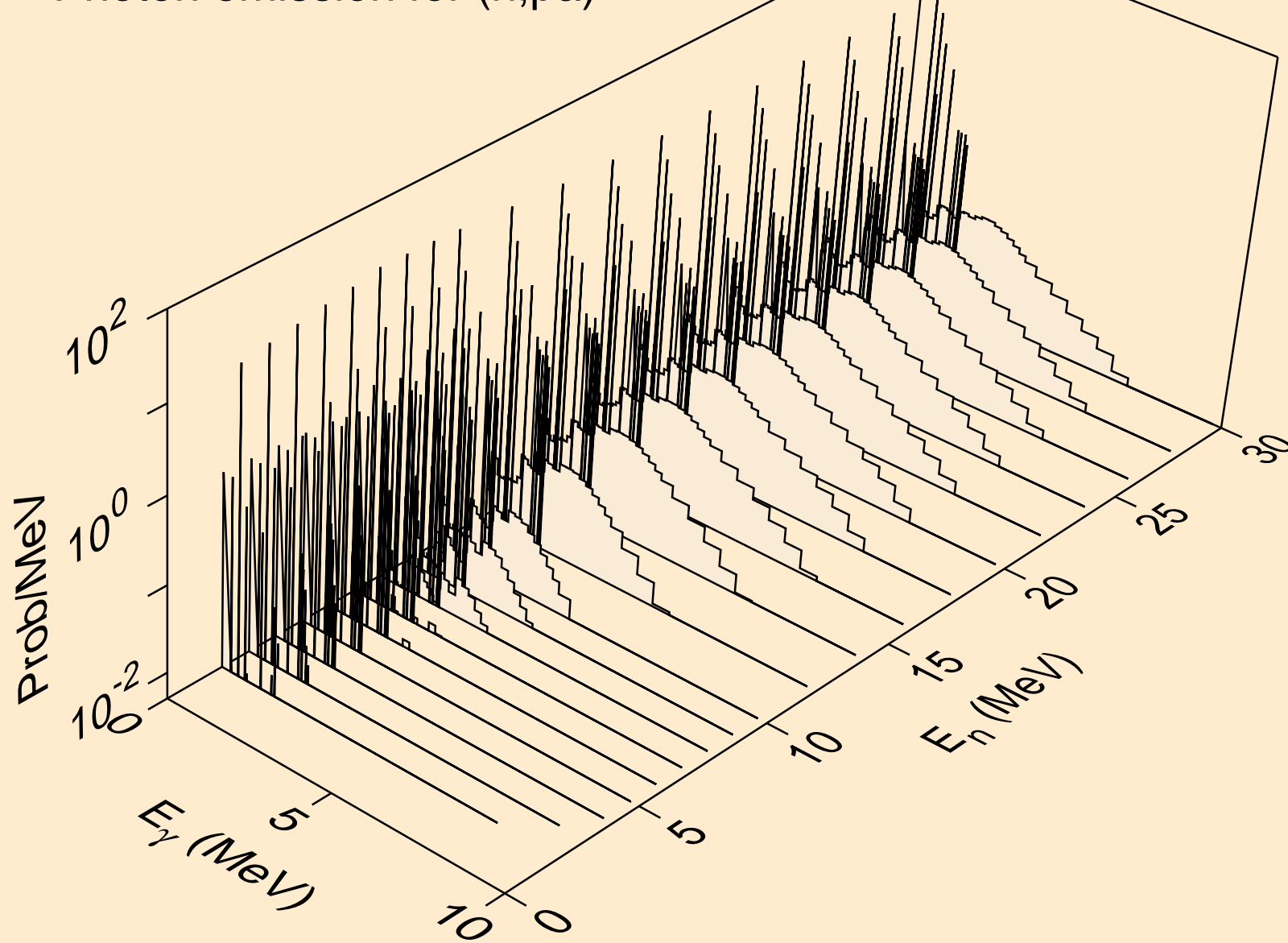
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Photon emission for (n,3a)



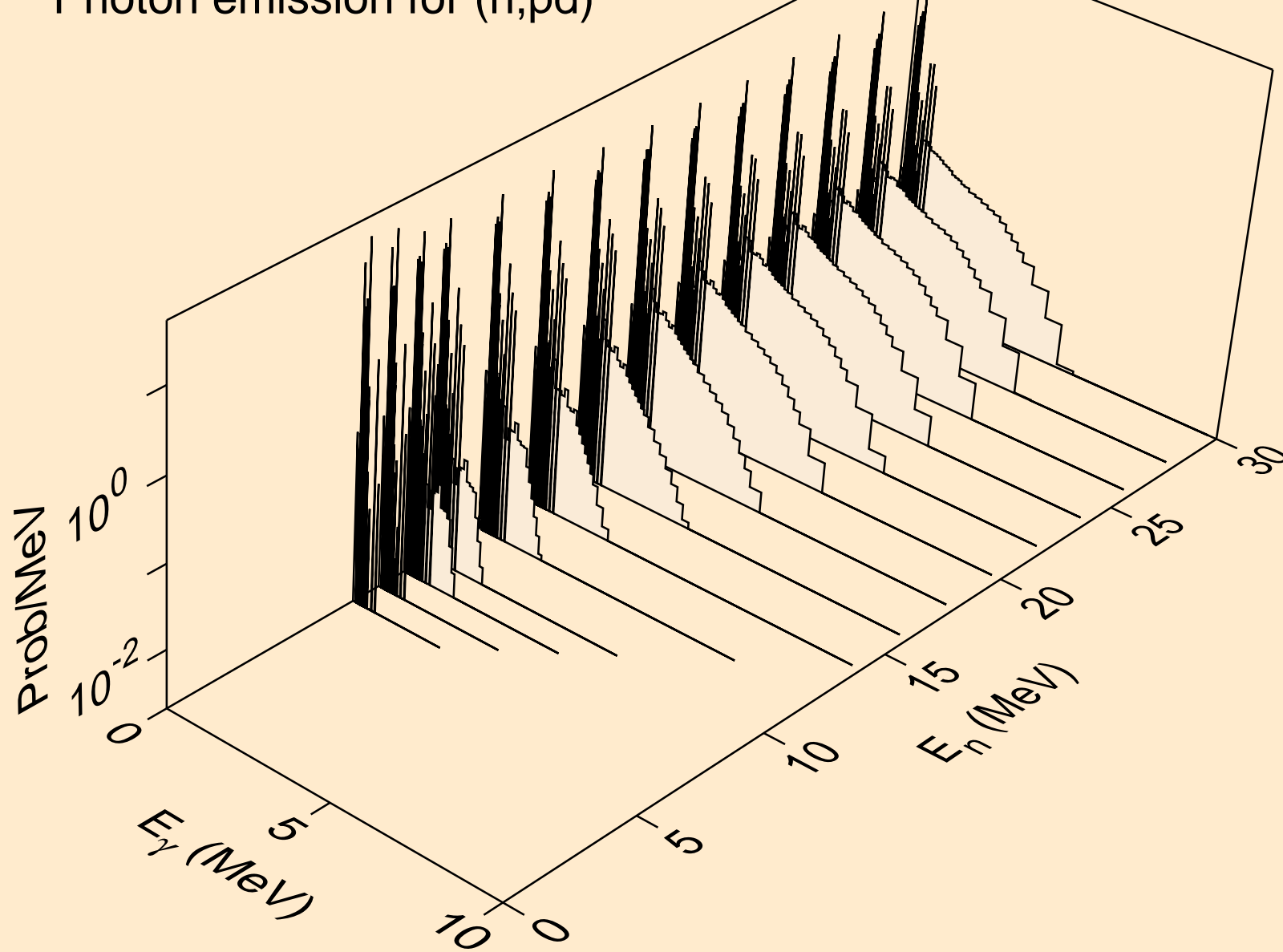
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Photon emission for (n,2p)



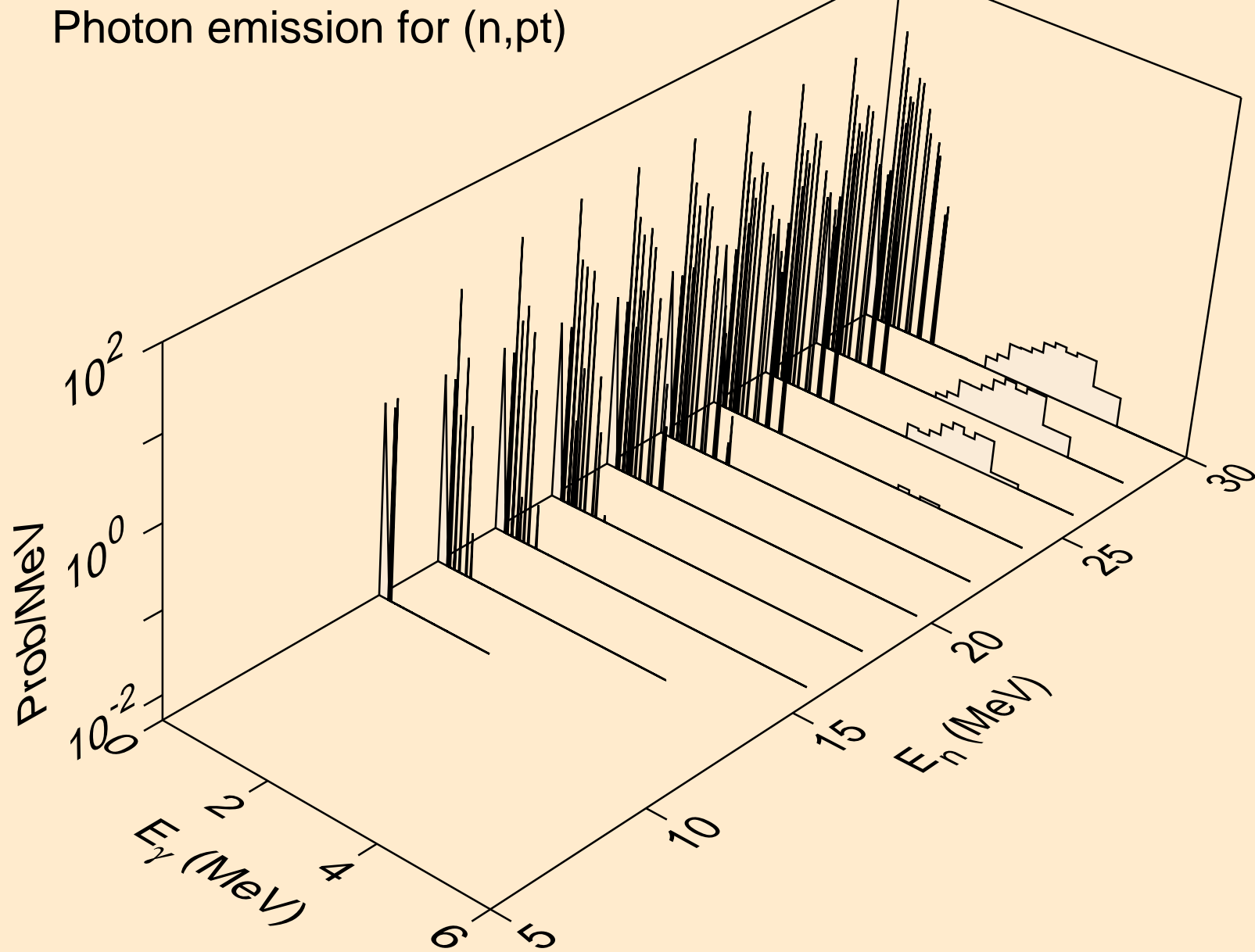
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Photon emission for (n,p $\alpha$ )



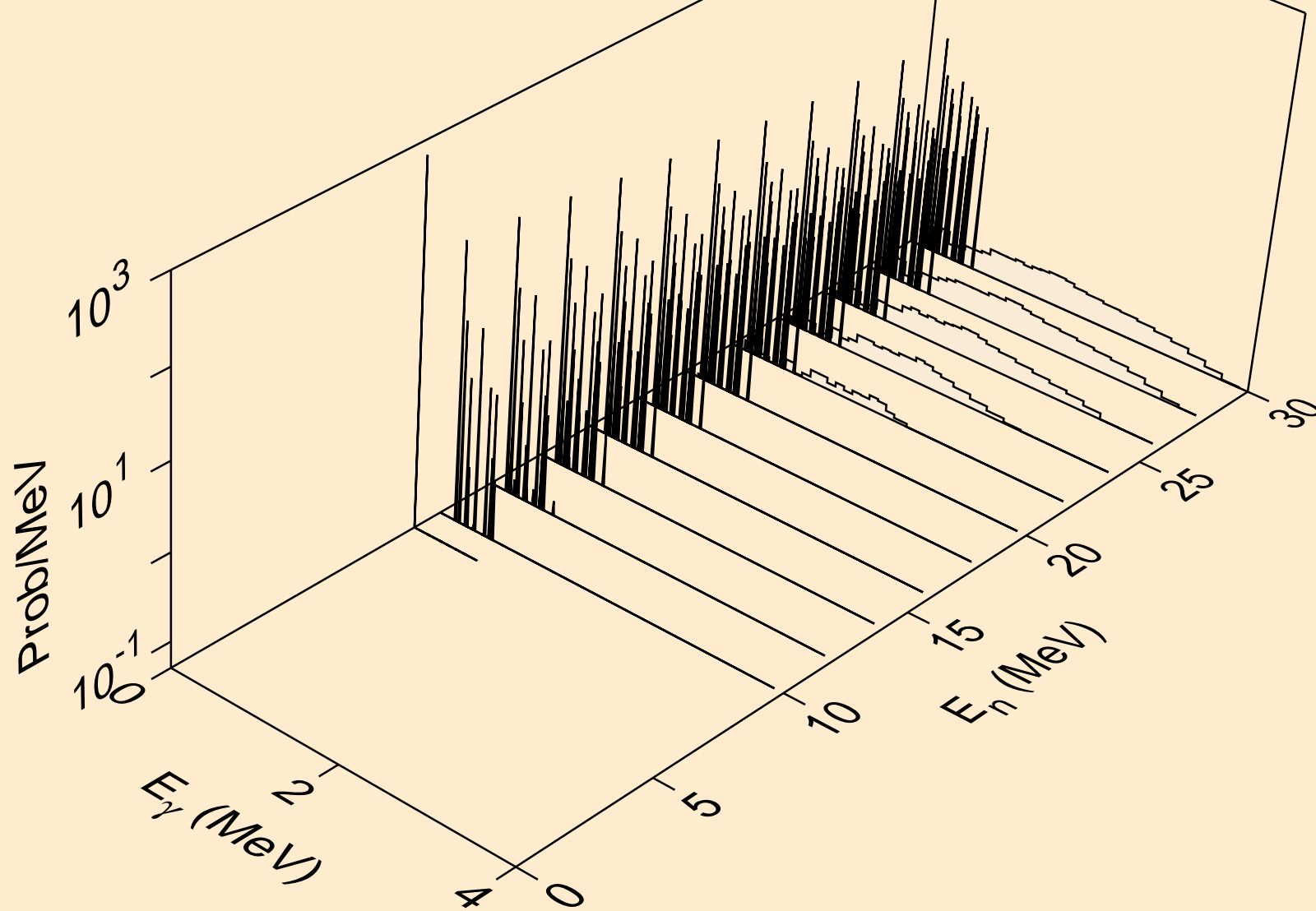
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

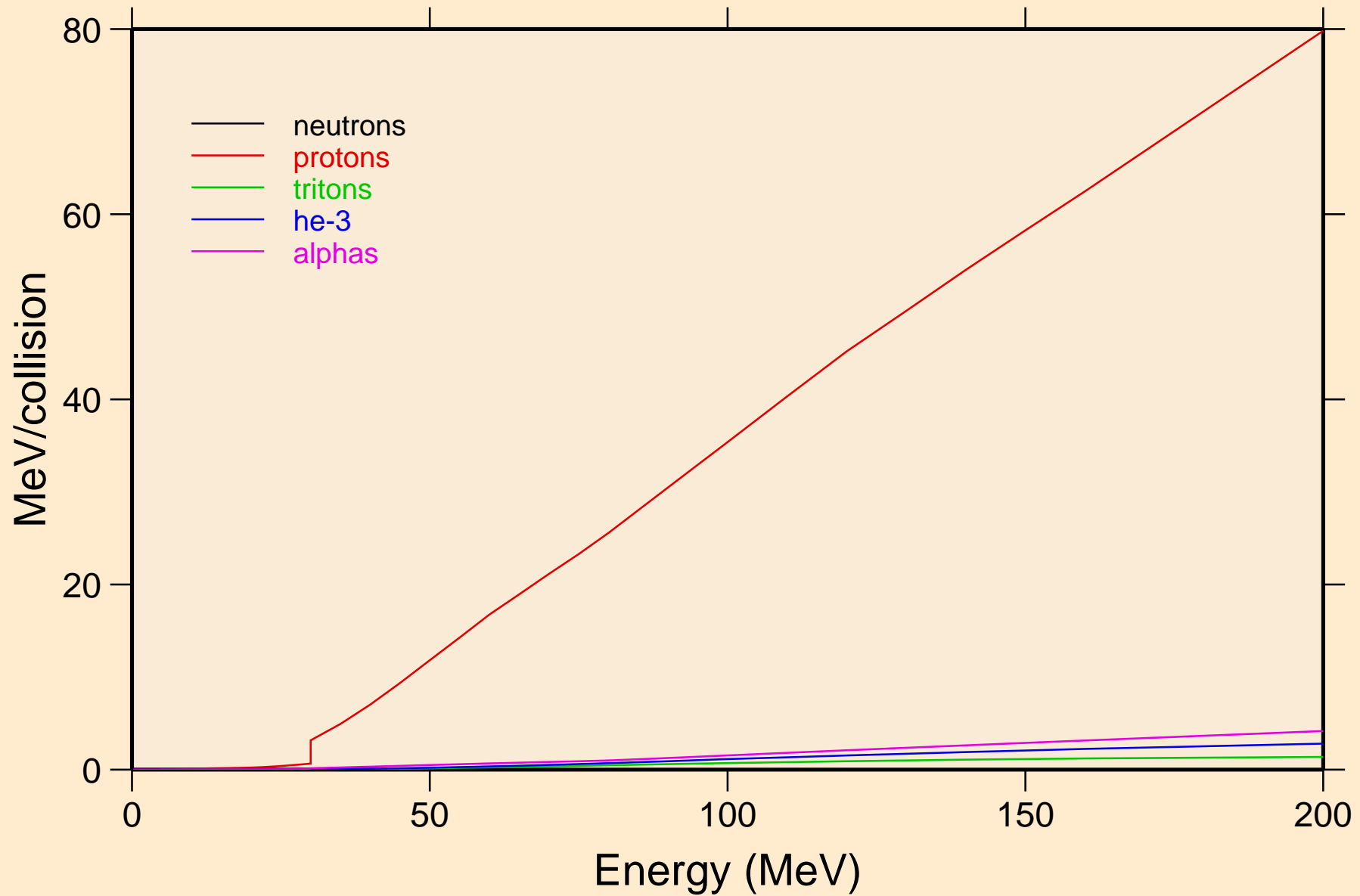


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Photon emission for (n,da)

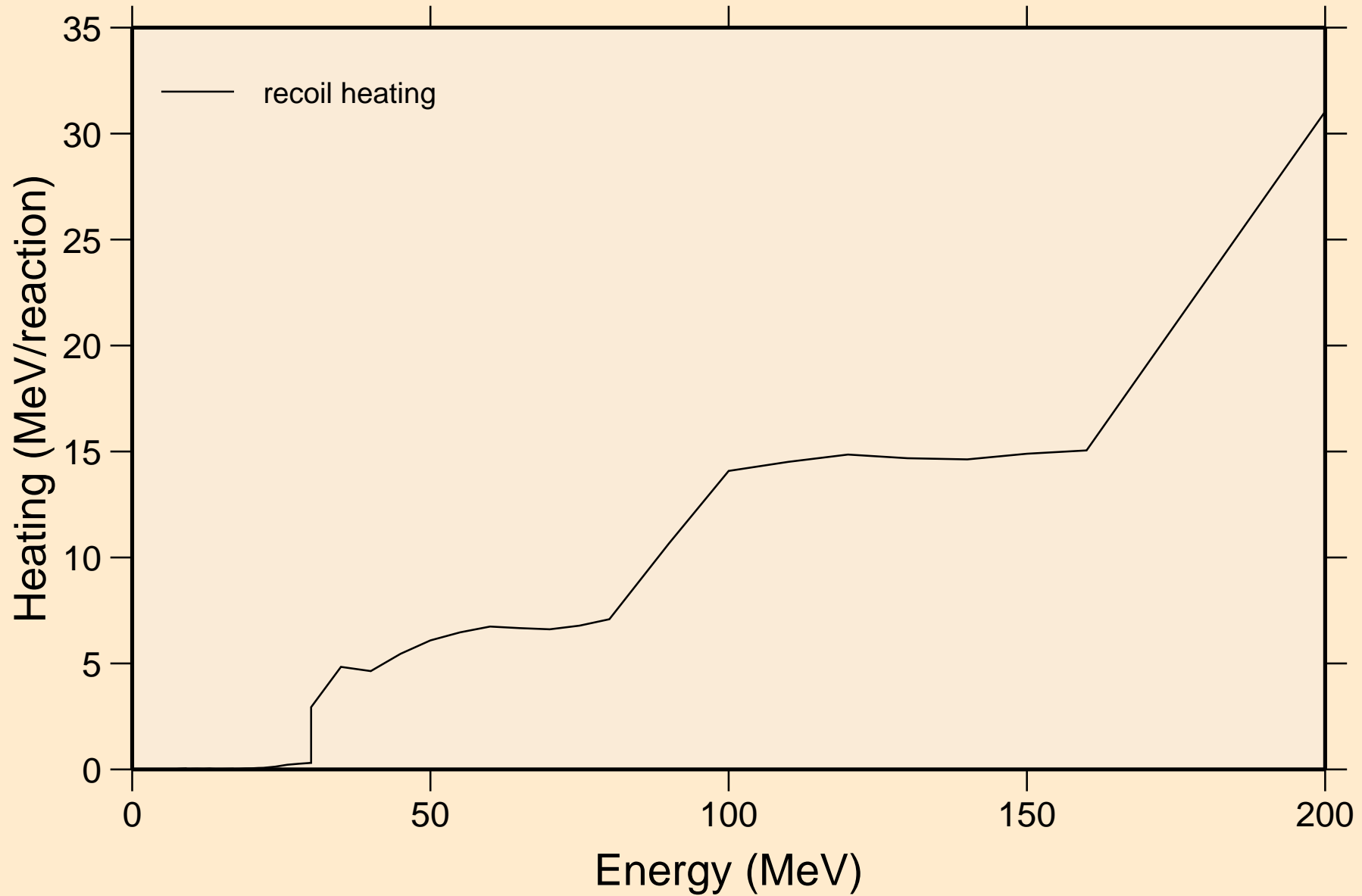


# ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

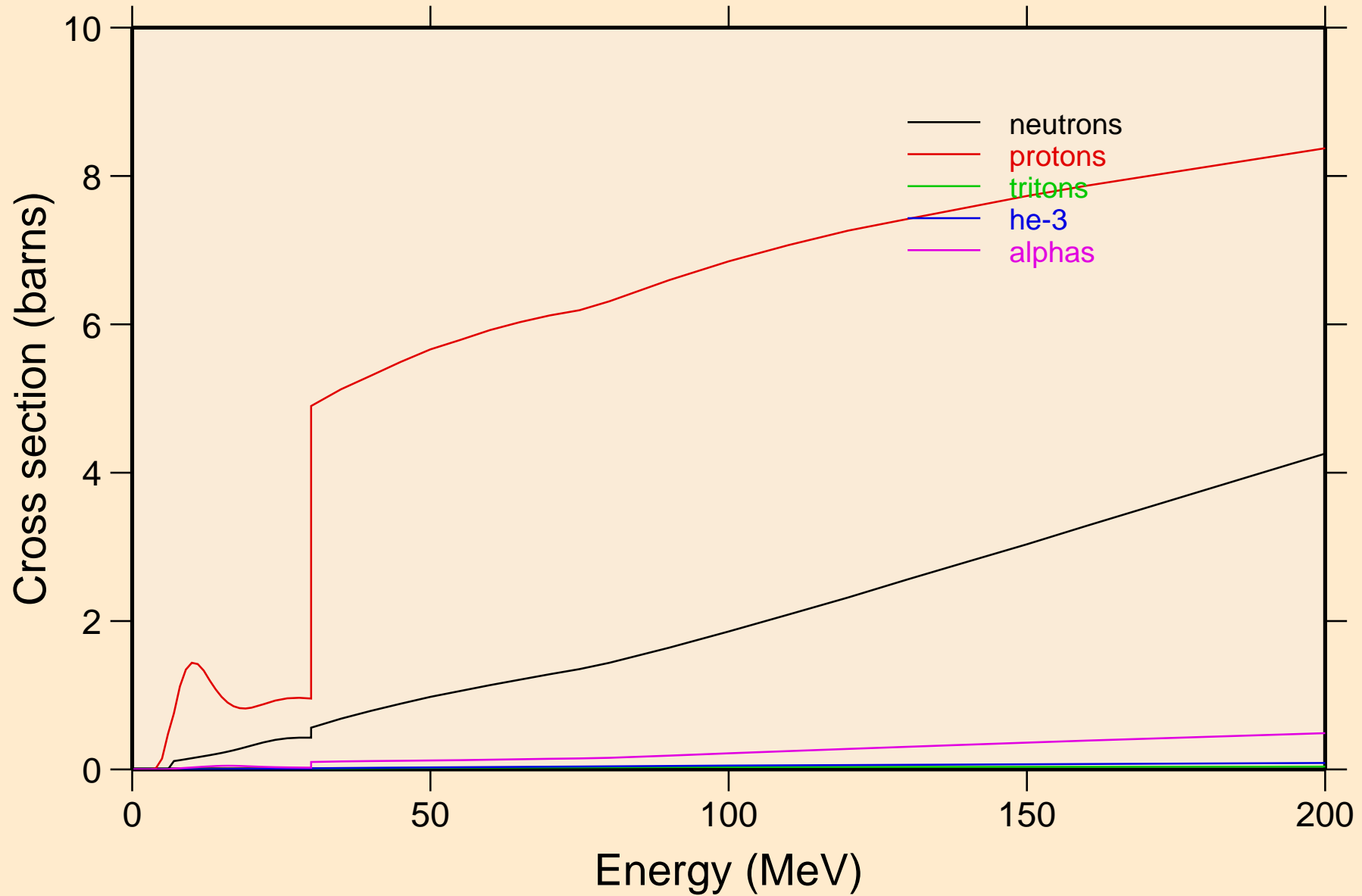


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Recoil Heating

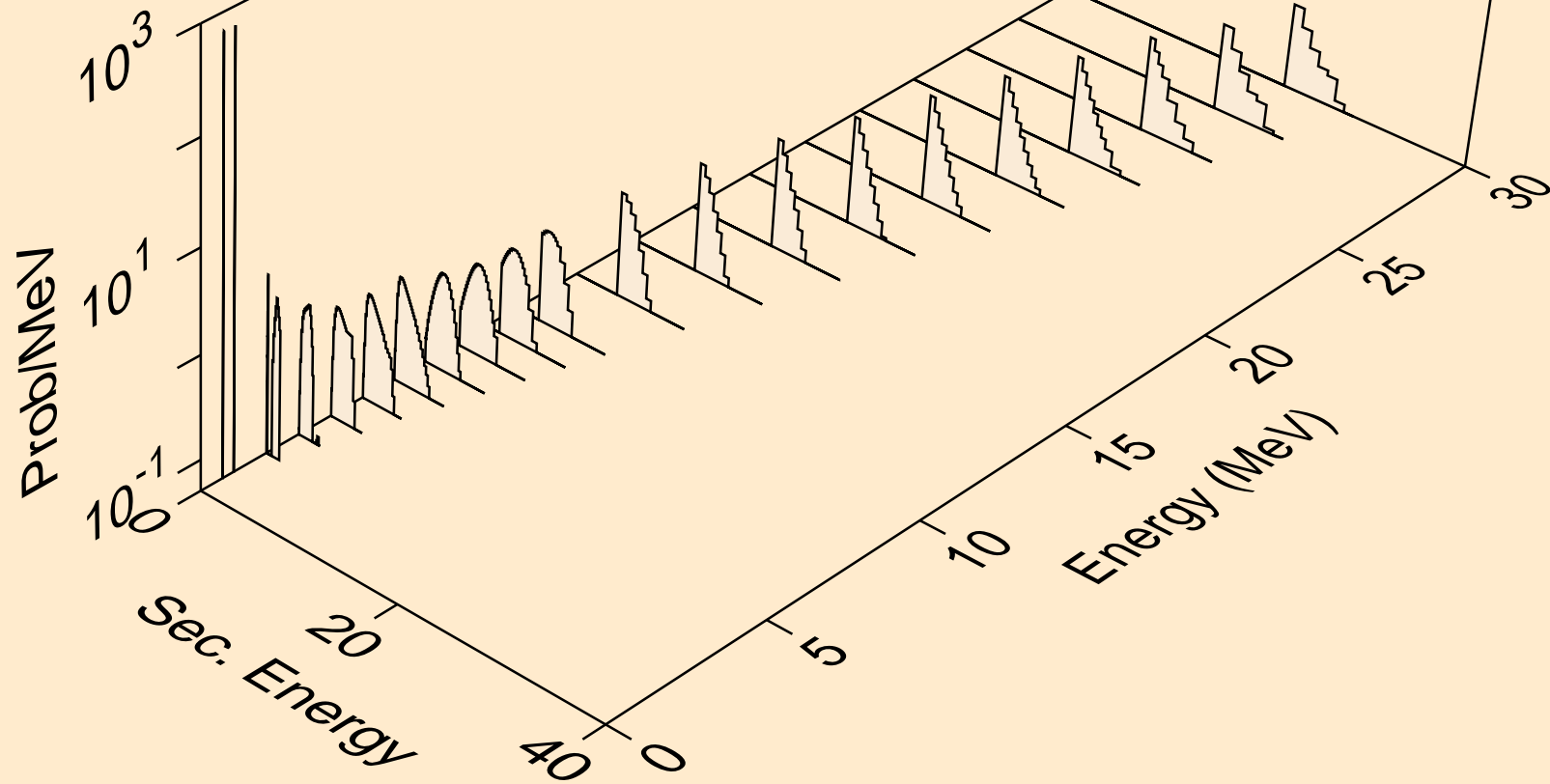




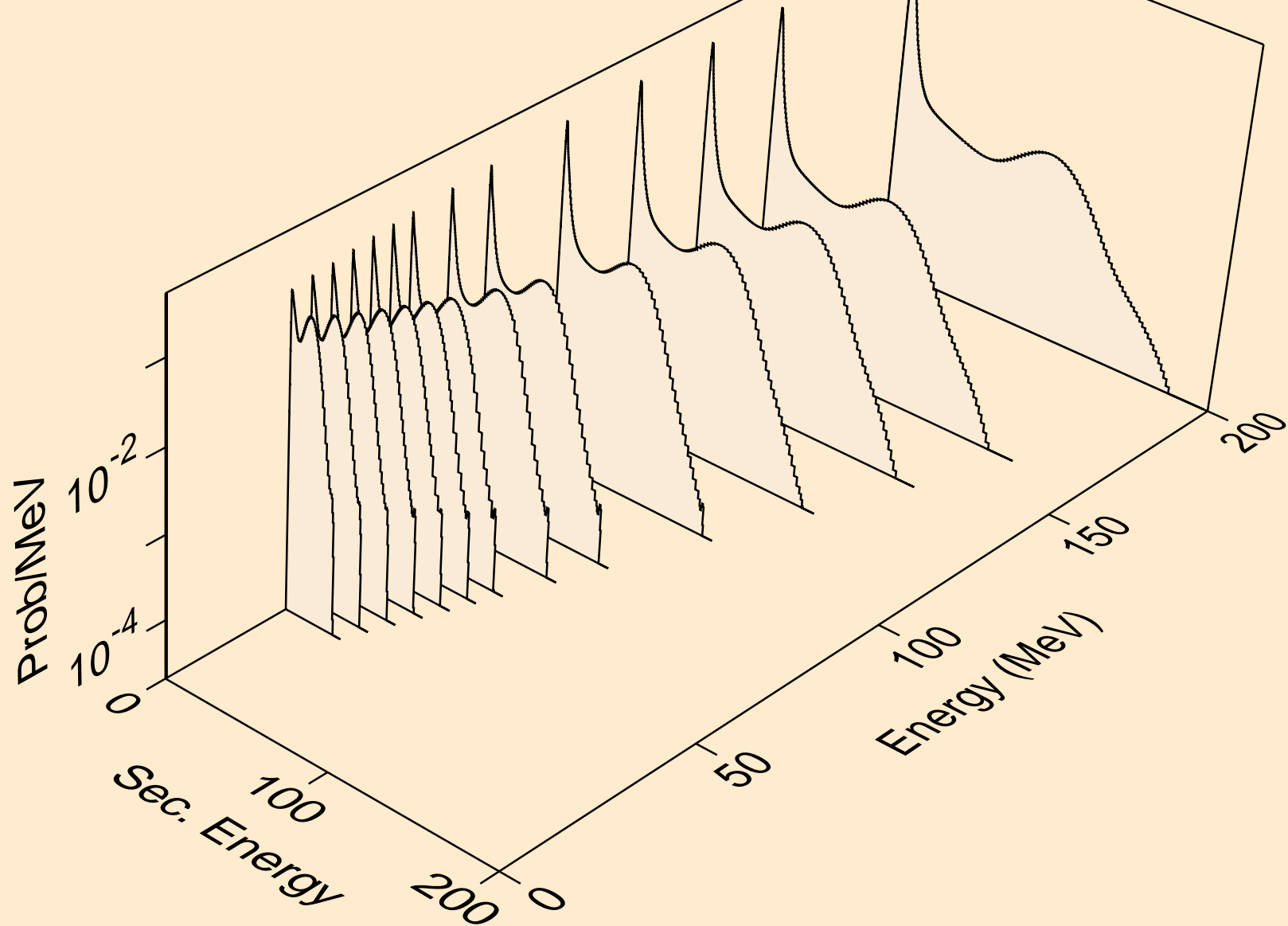
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



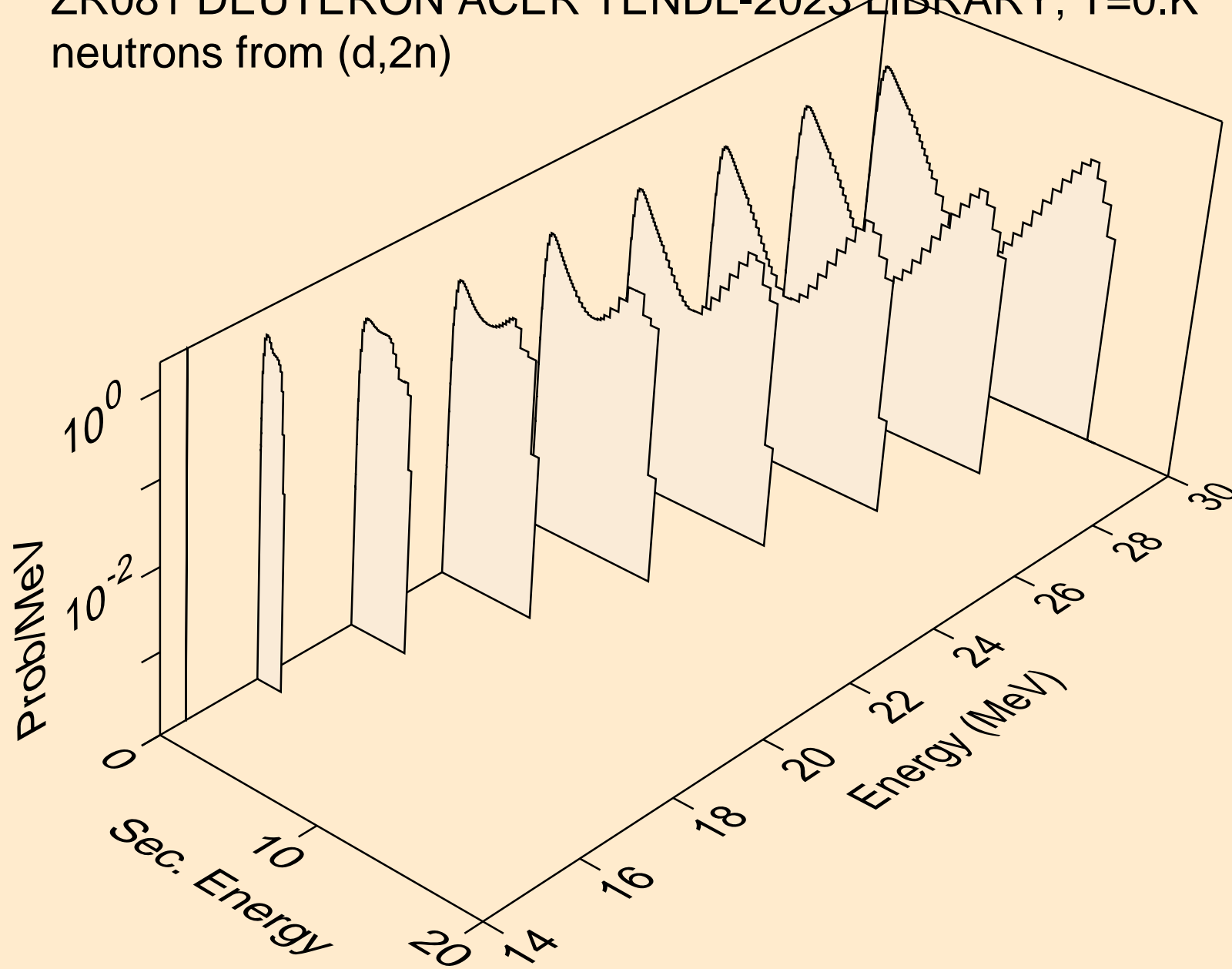
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n)



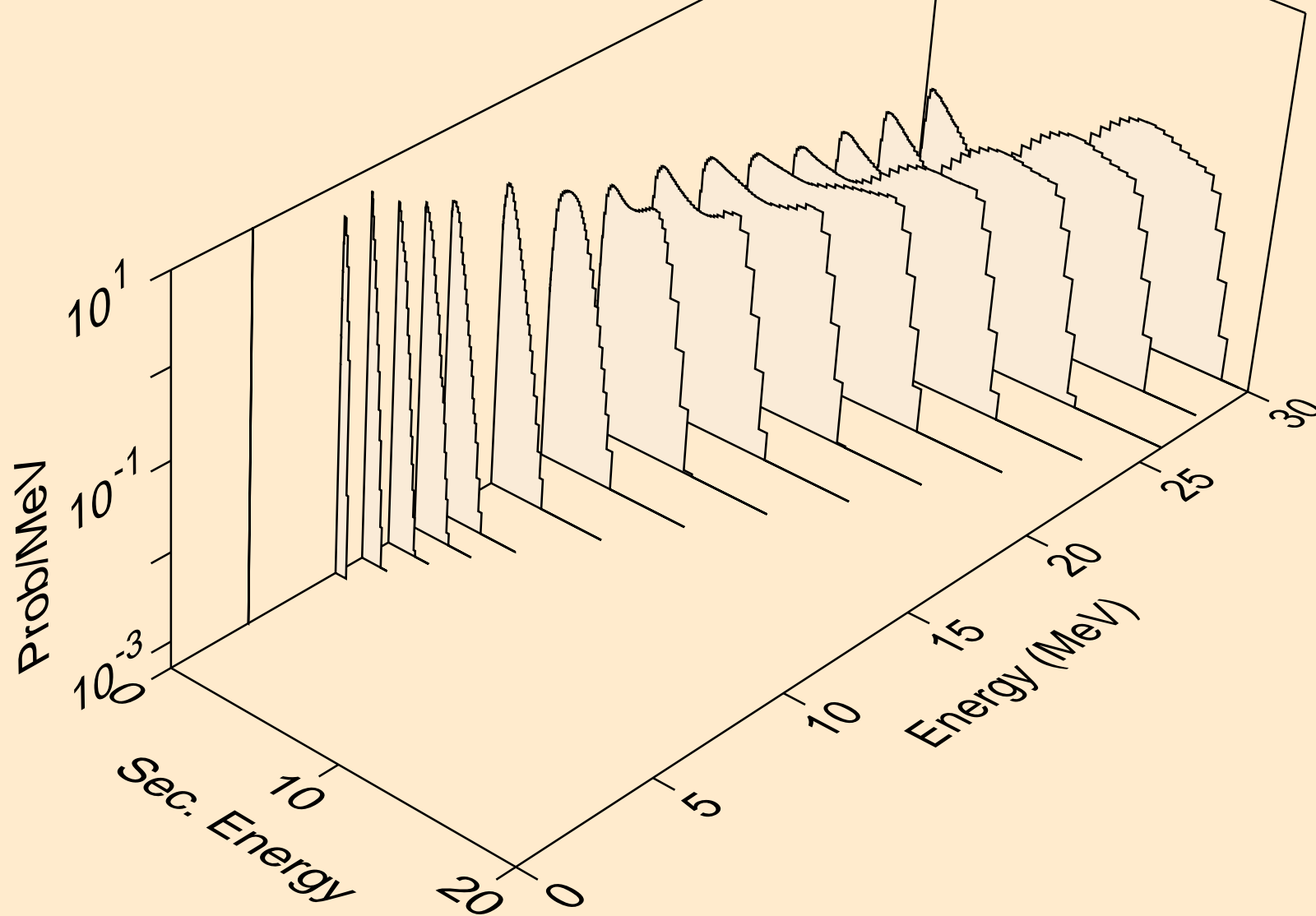
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,x)



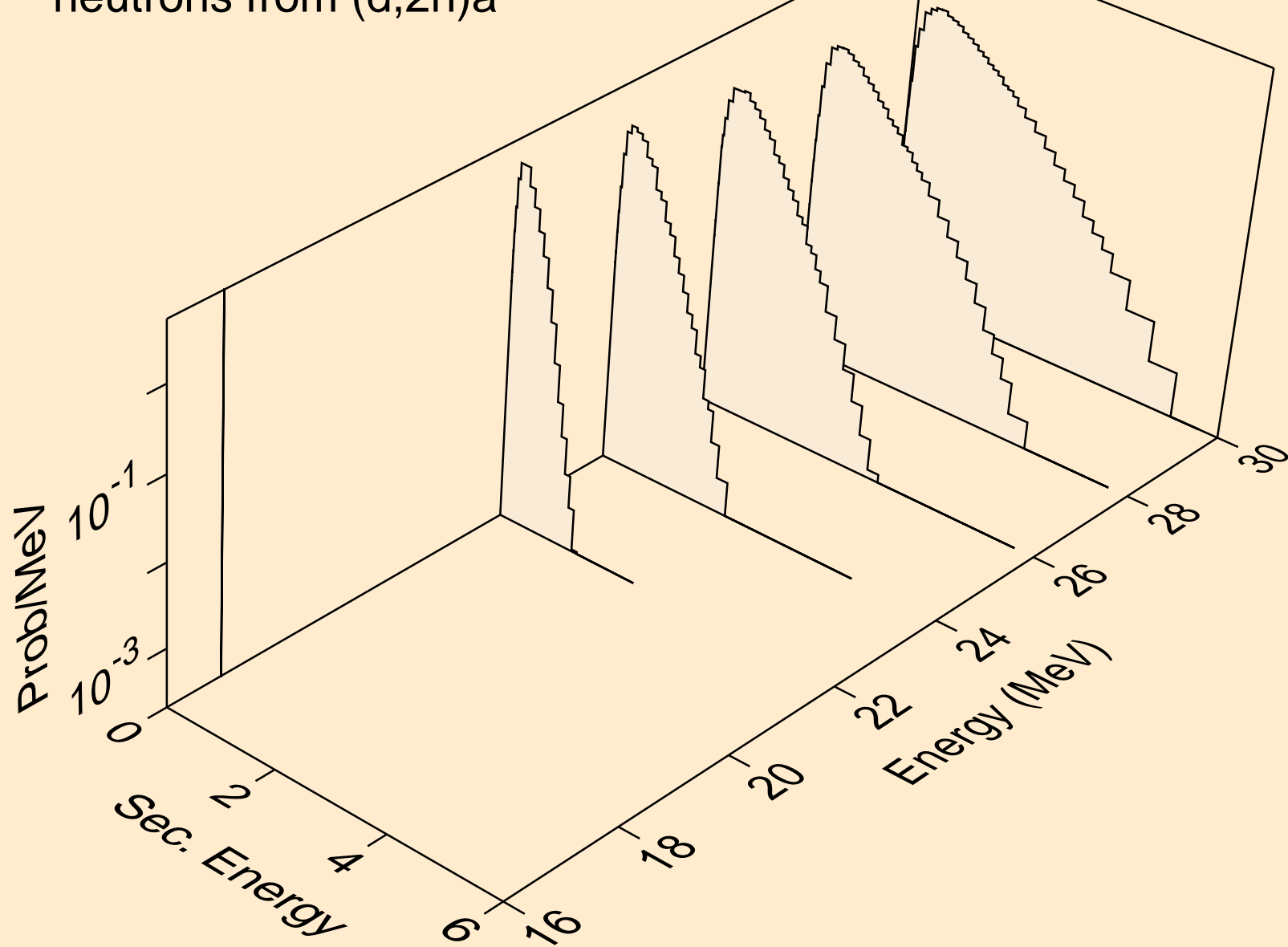
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neutrons from (d,2n)



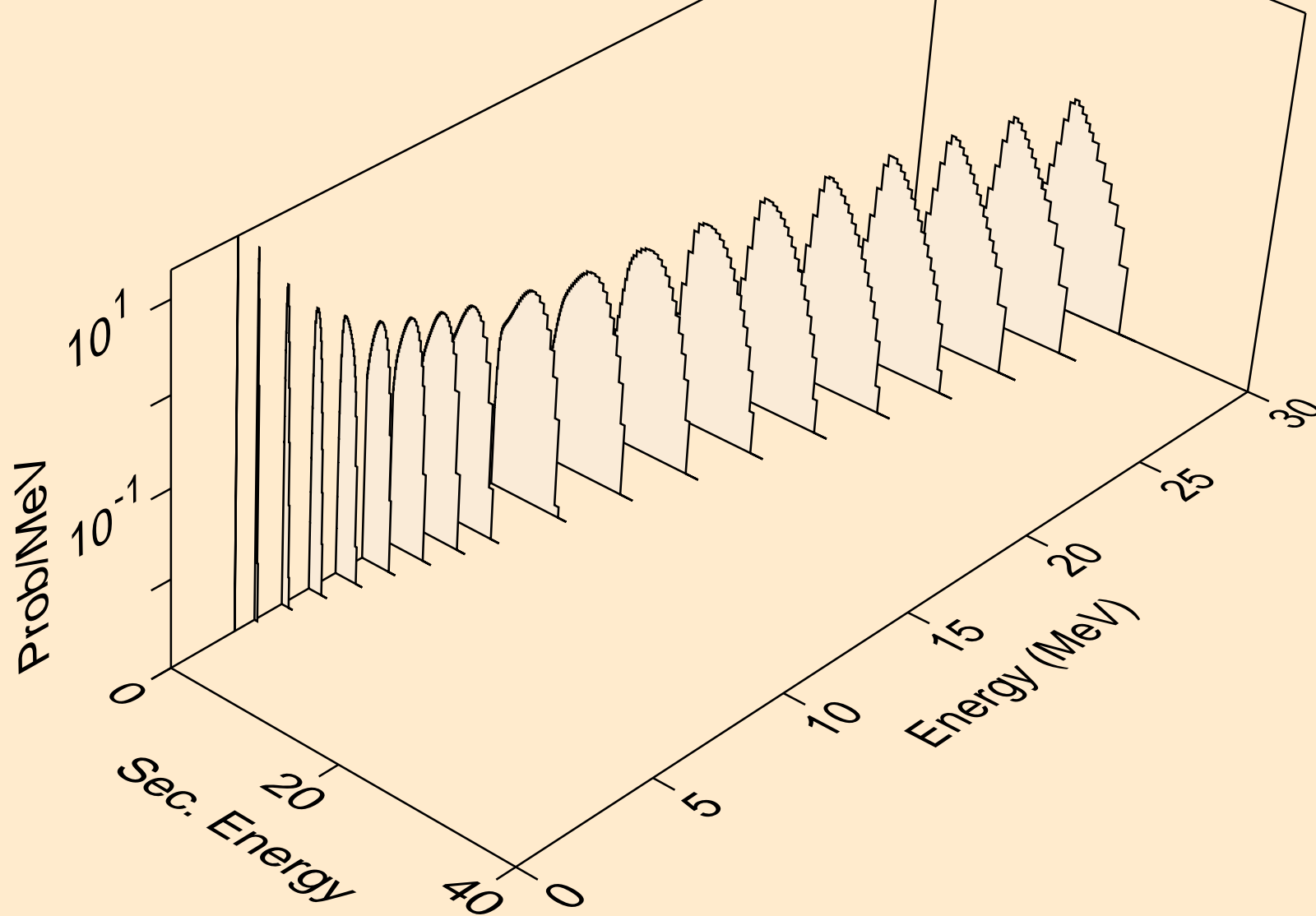
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)a



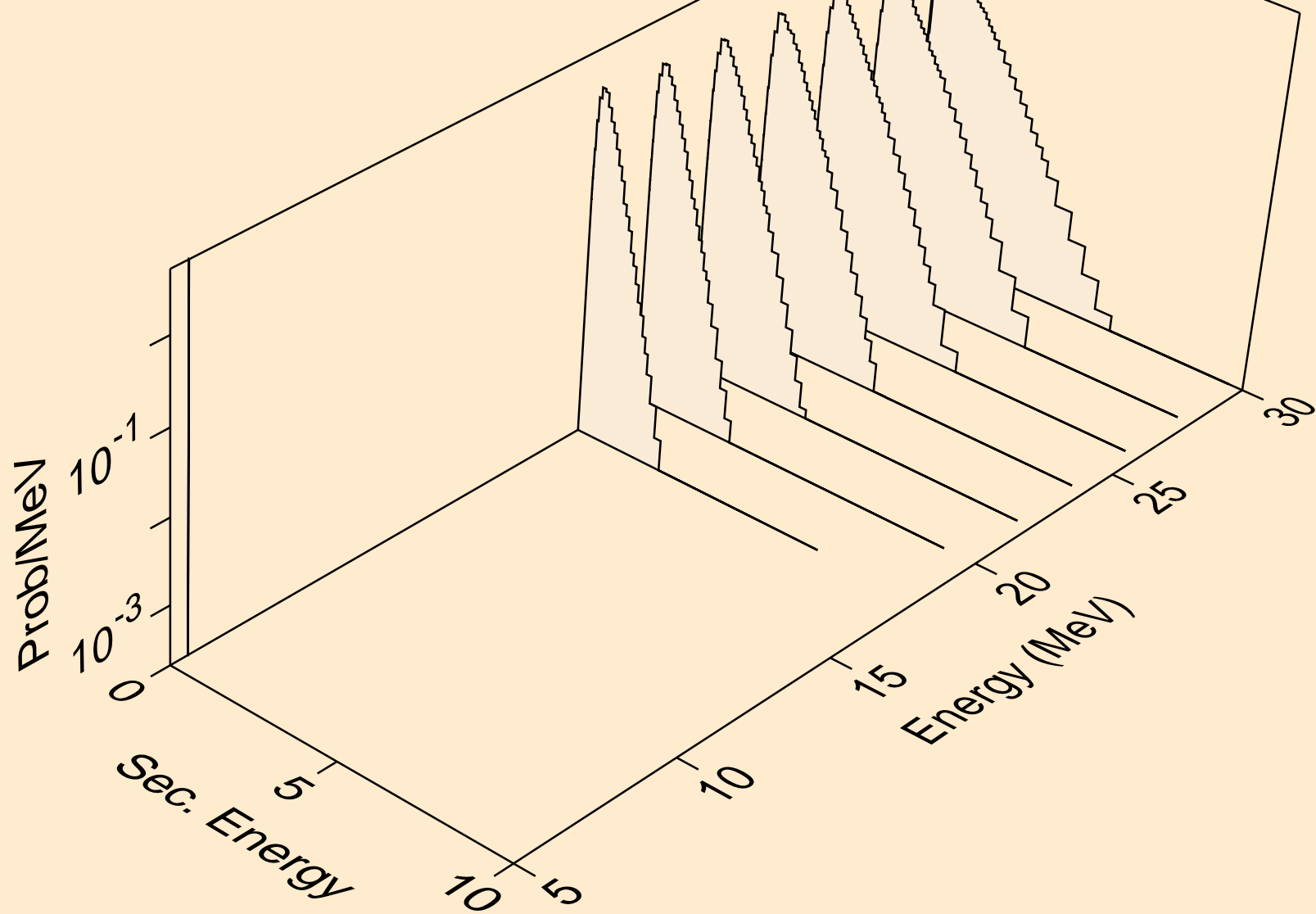
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ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)p

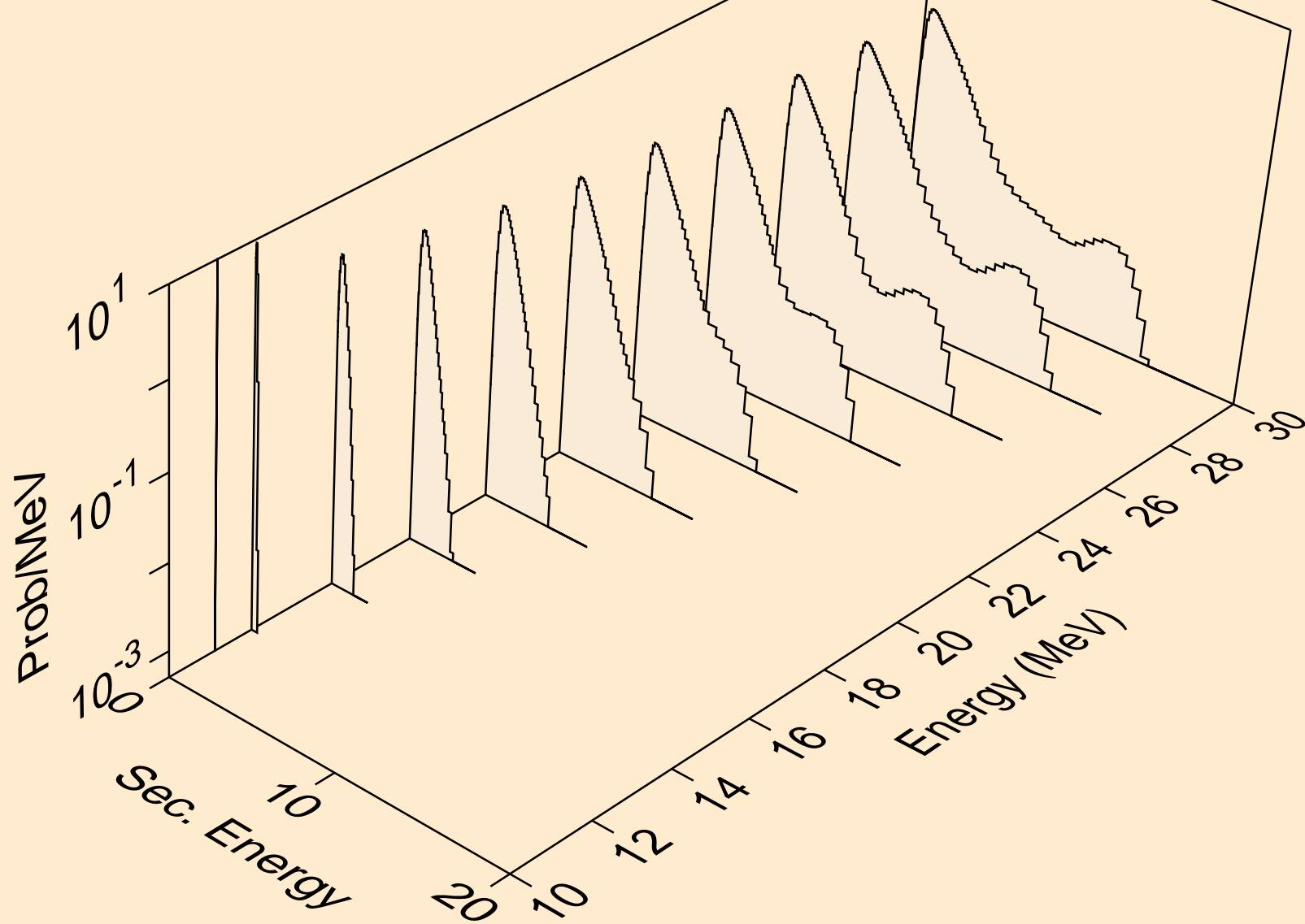


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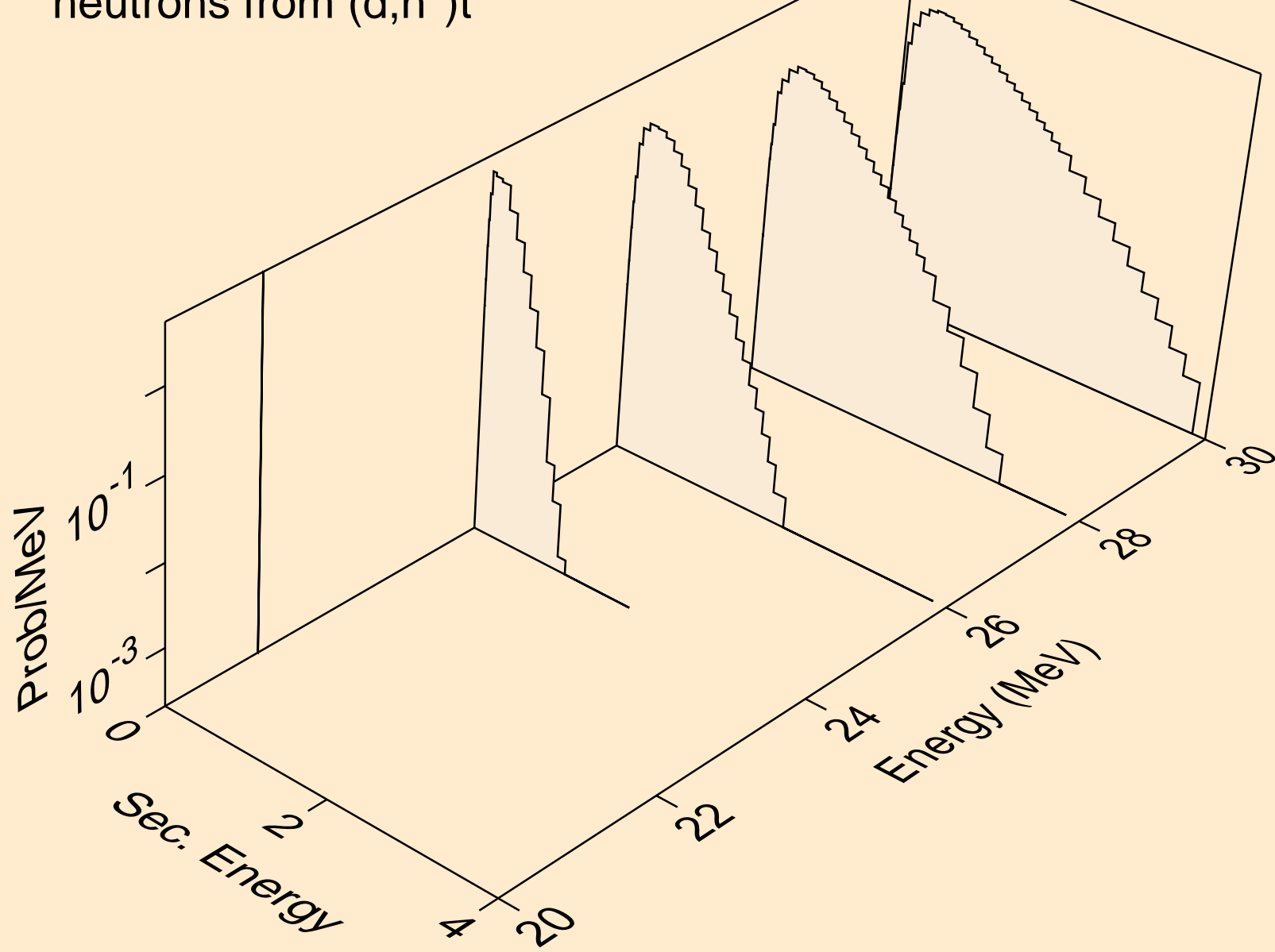




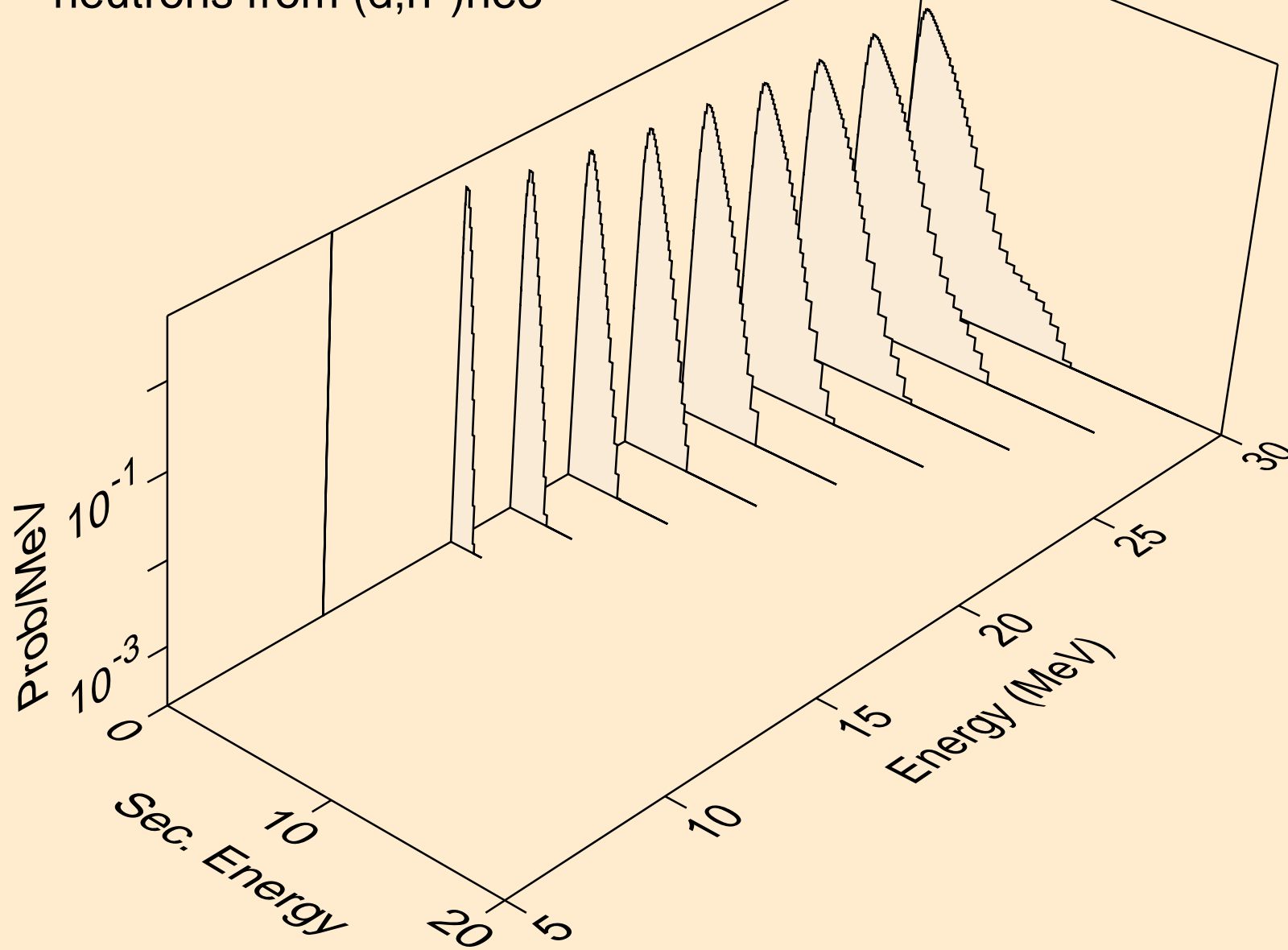
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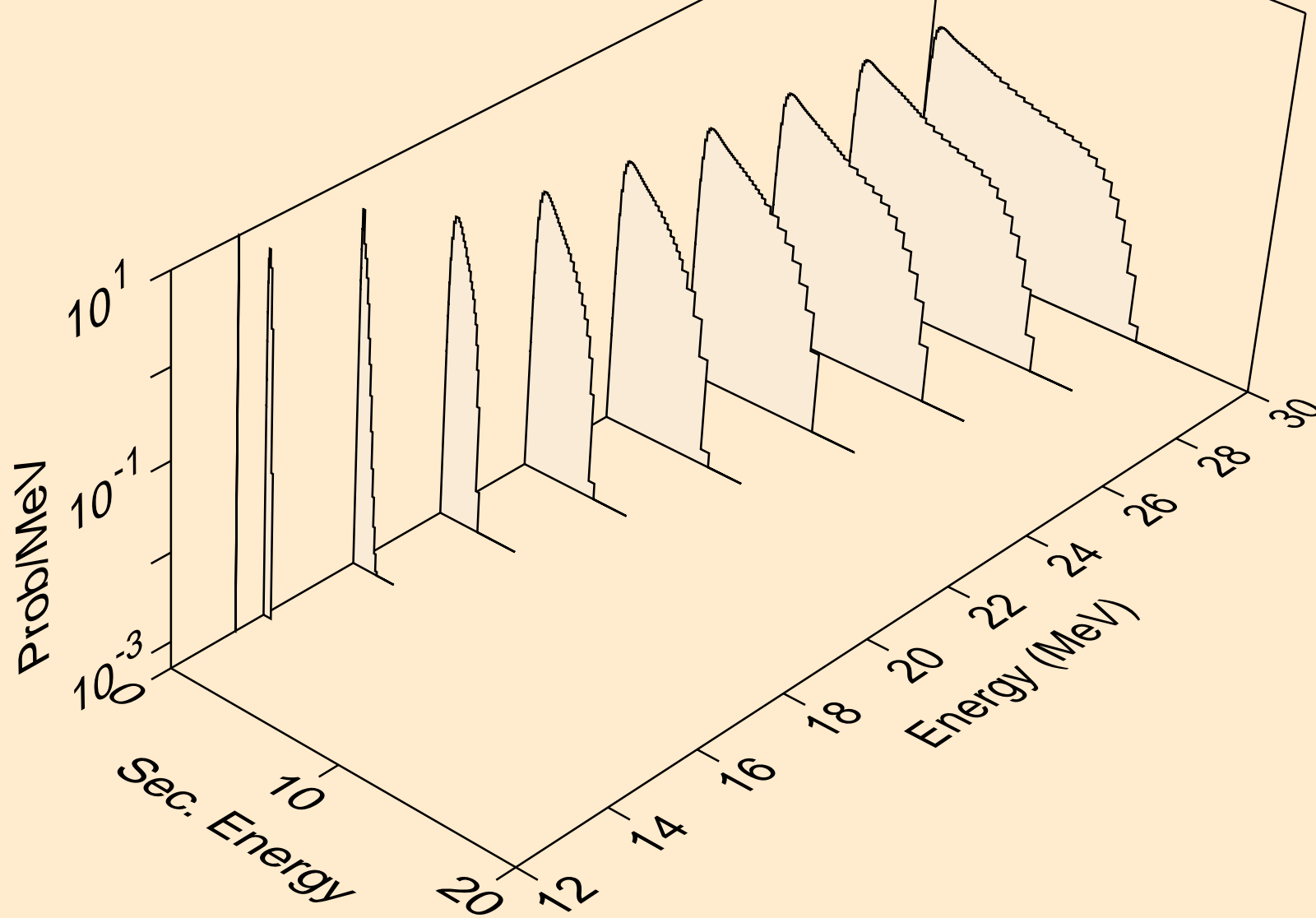
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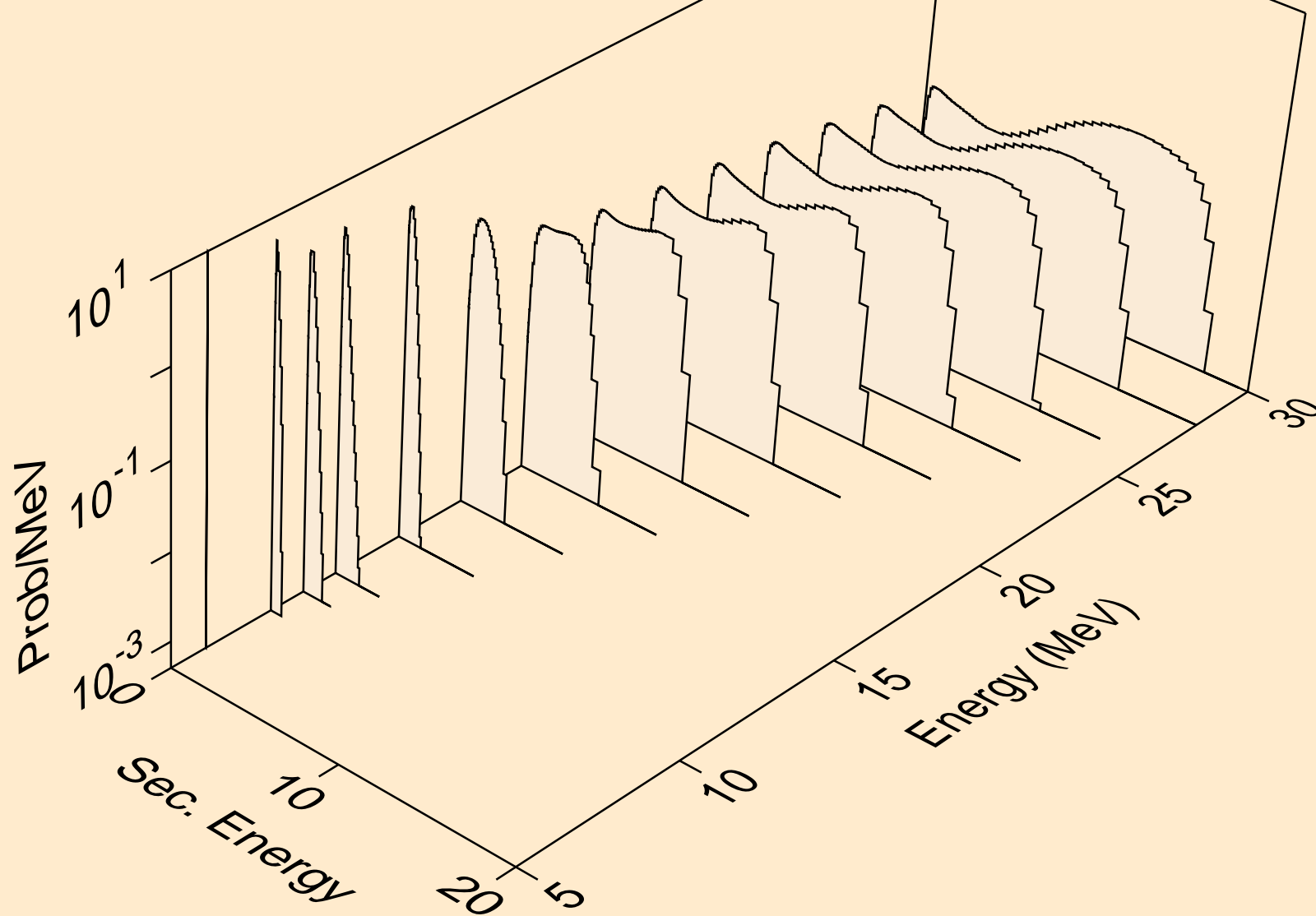
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neutrons from (d,n\*)he3



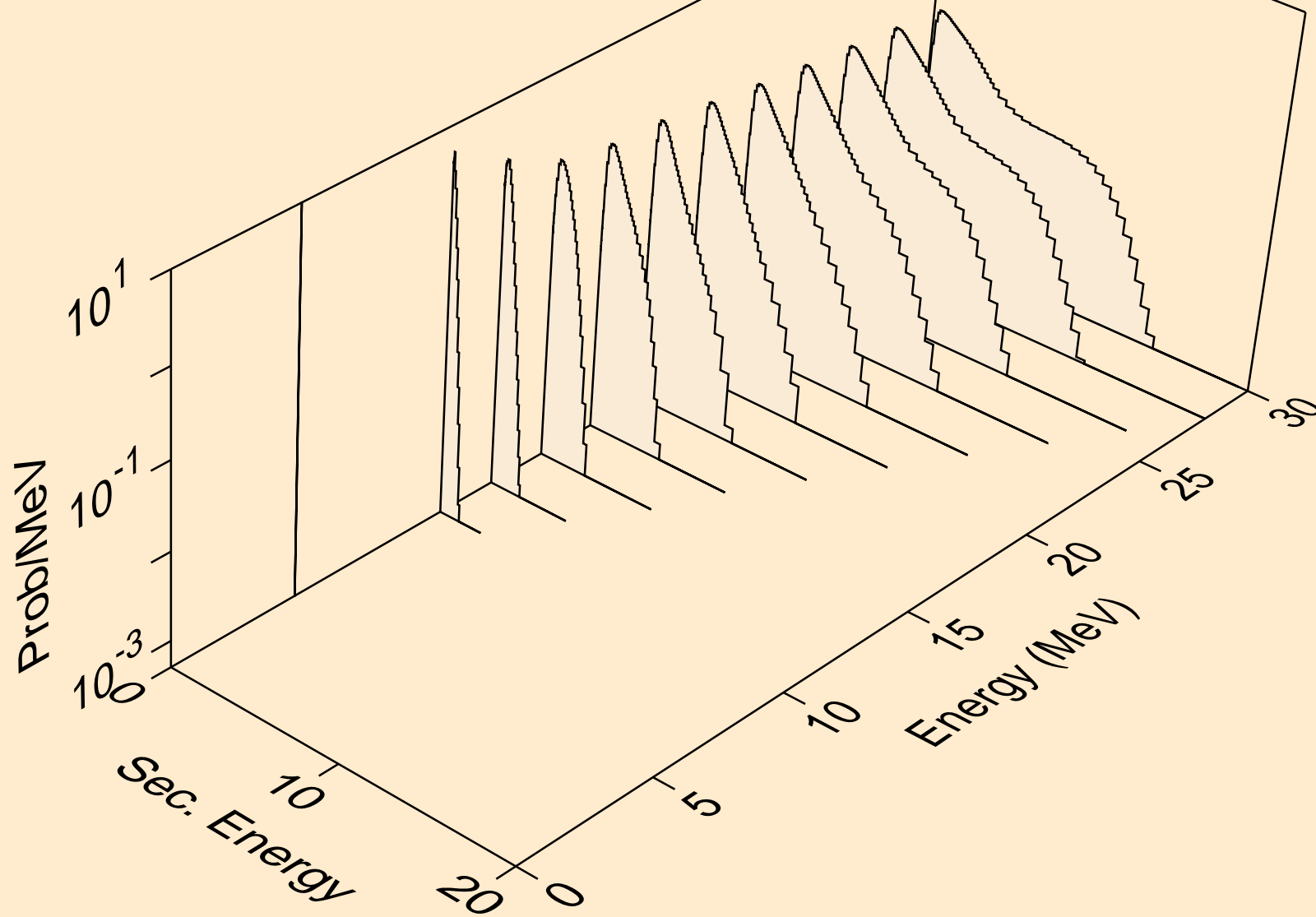
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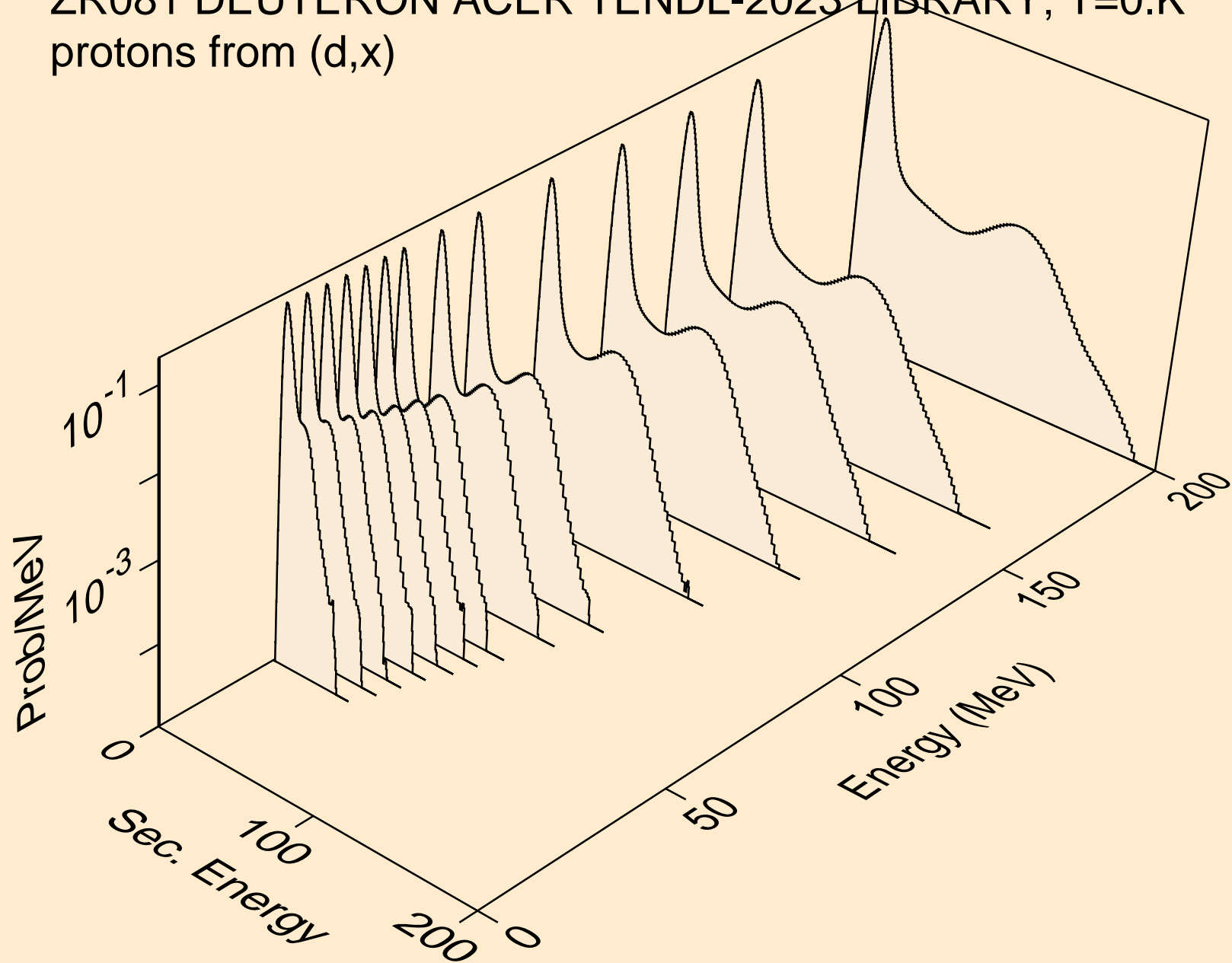
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neutrons from (d,n2p)



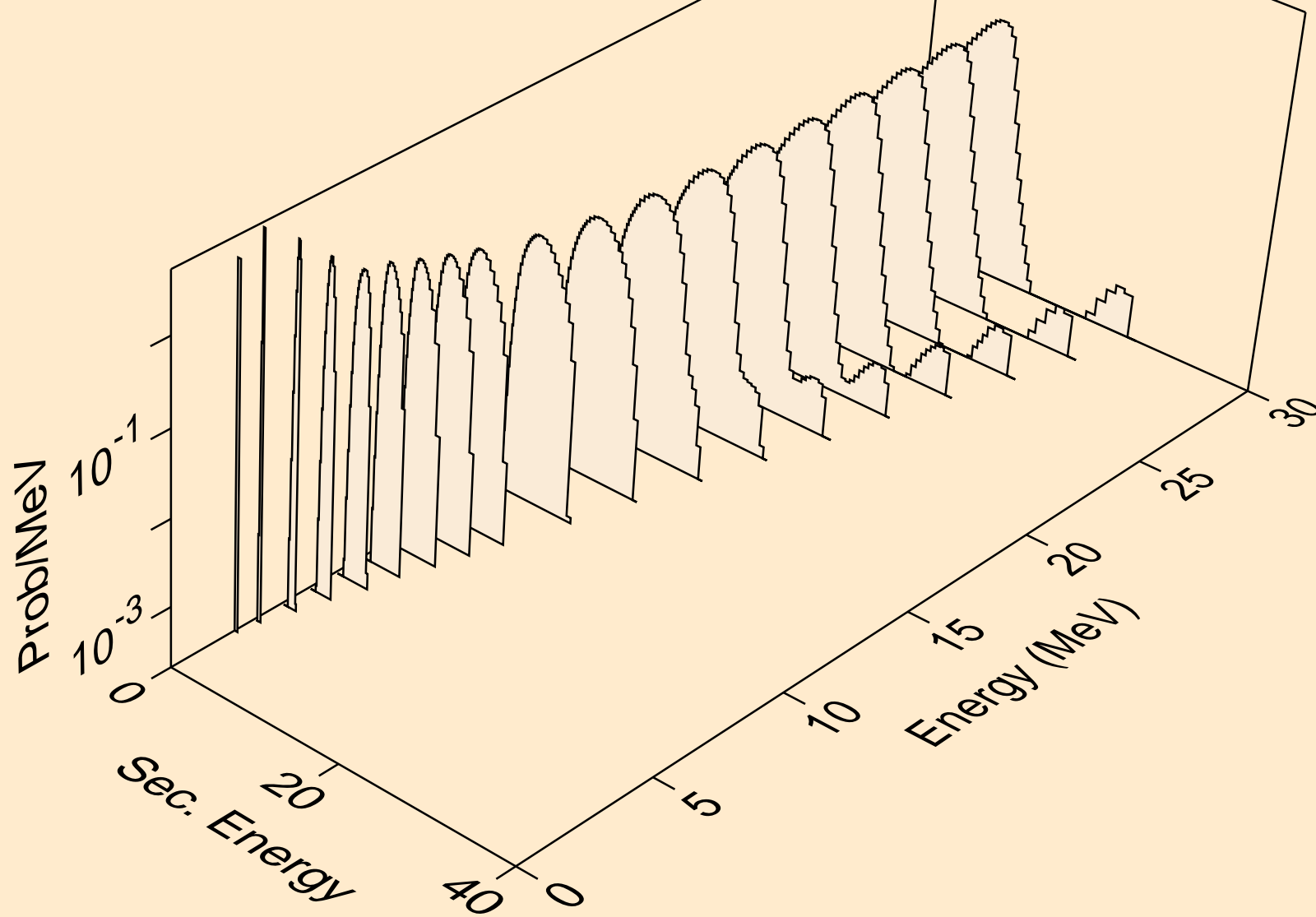
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neutrons from (d,npa)



ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,x)

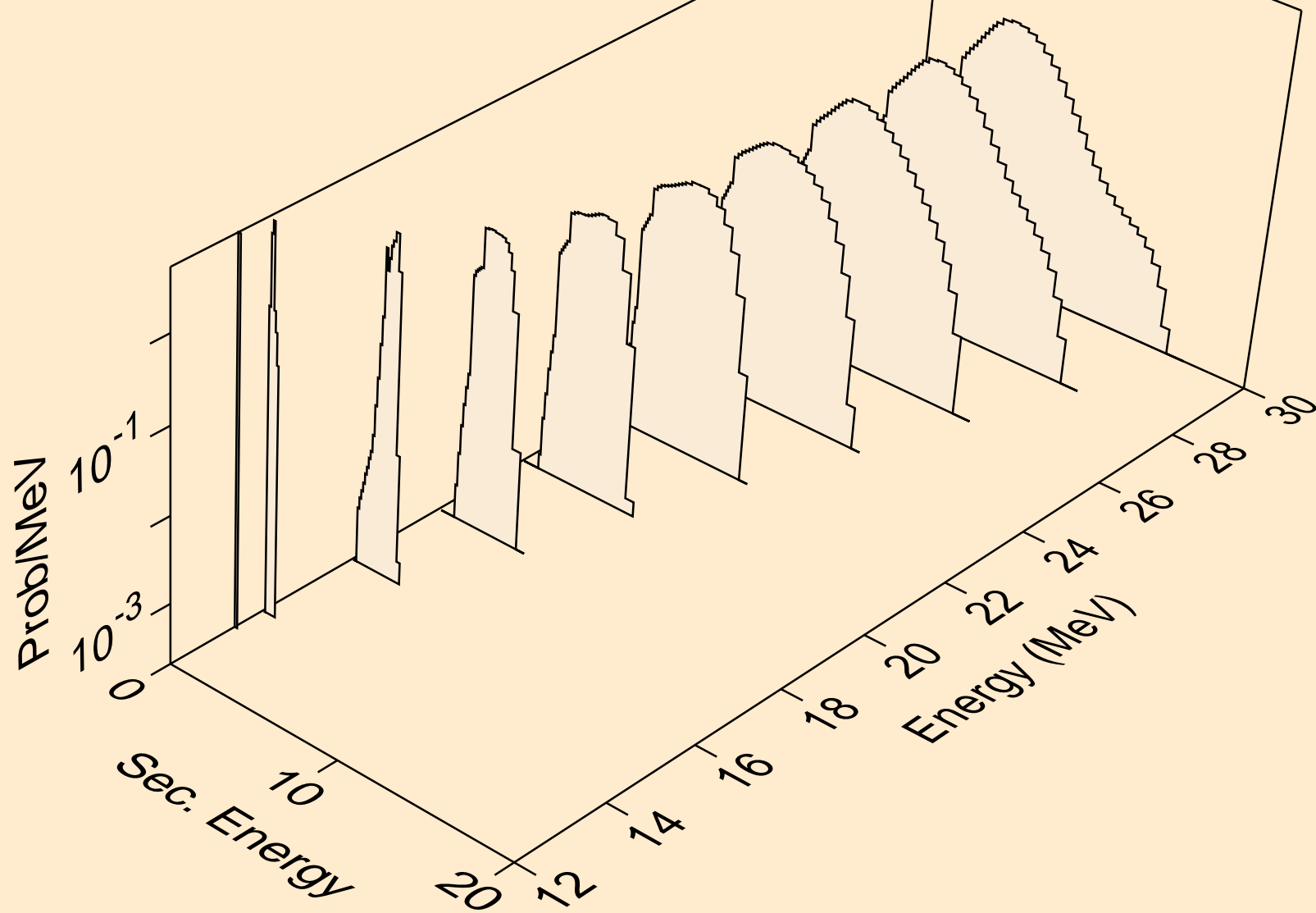


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protons from (d,n\*)p

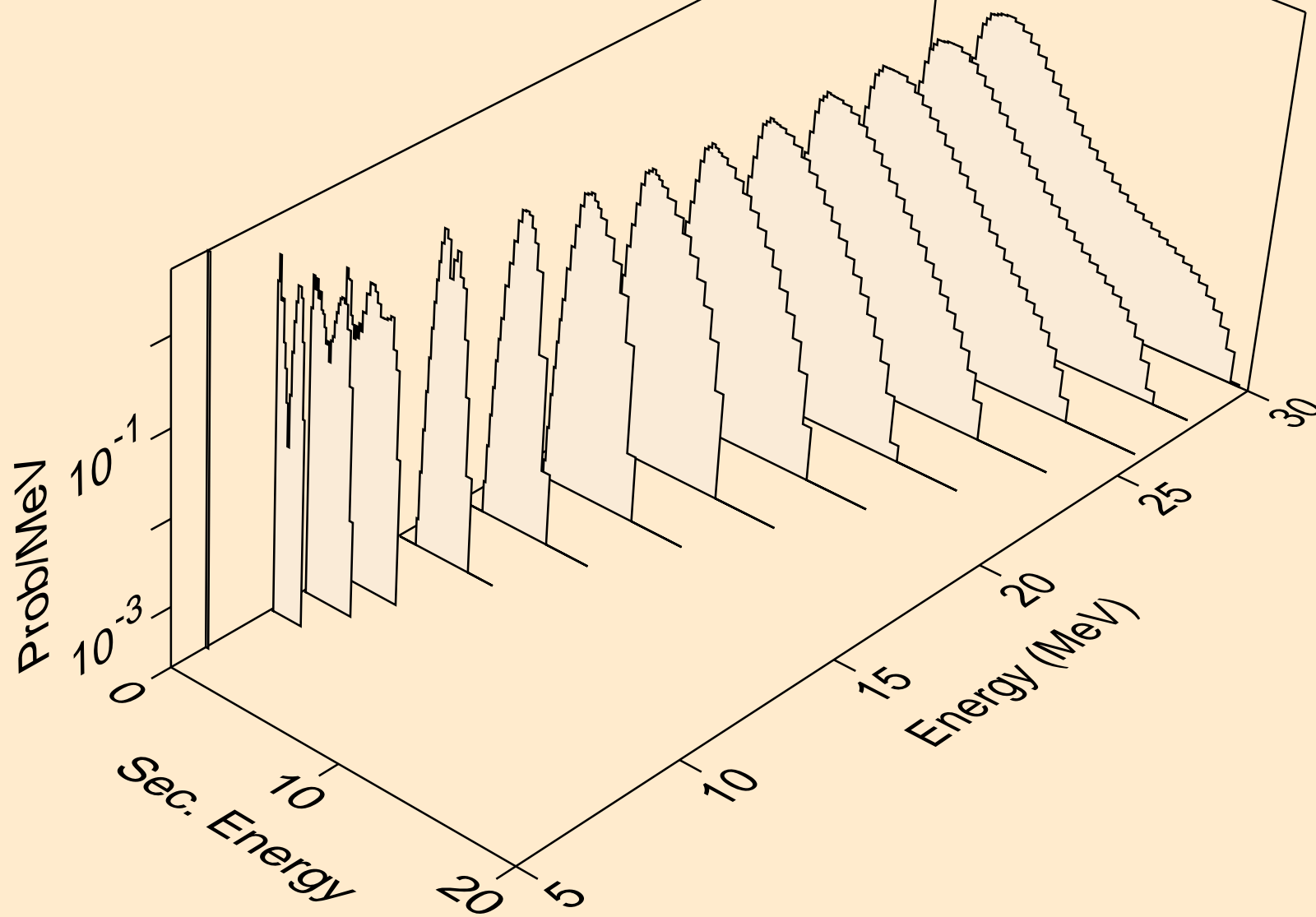




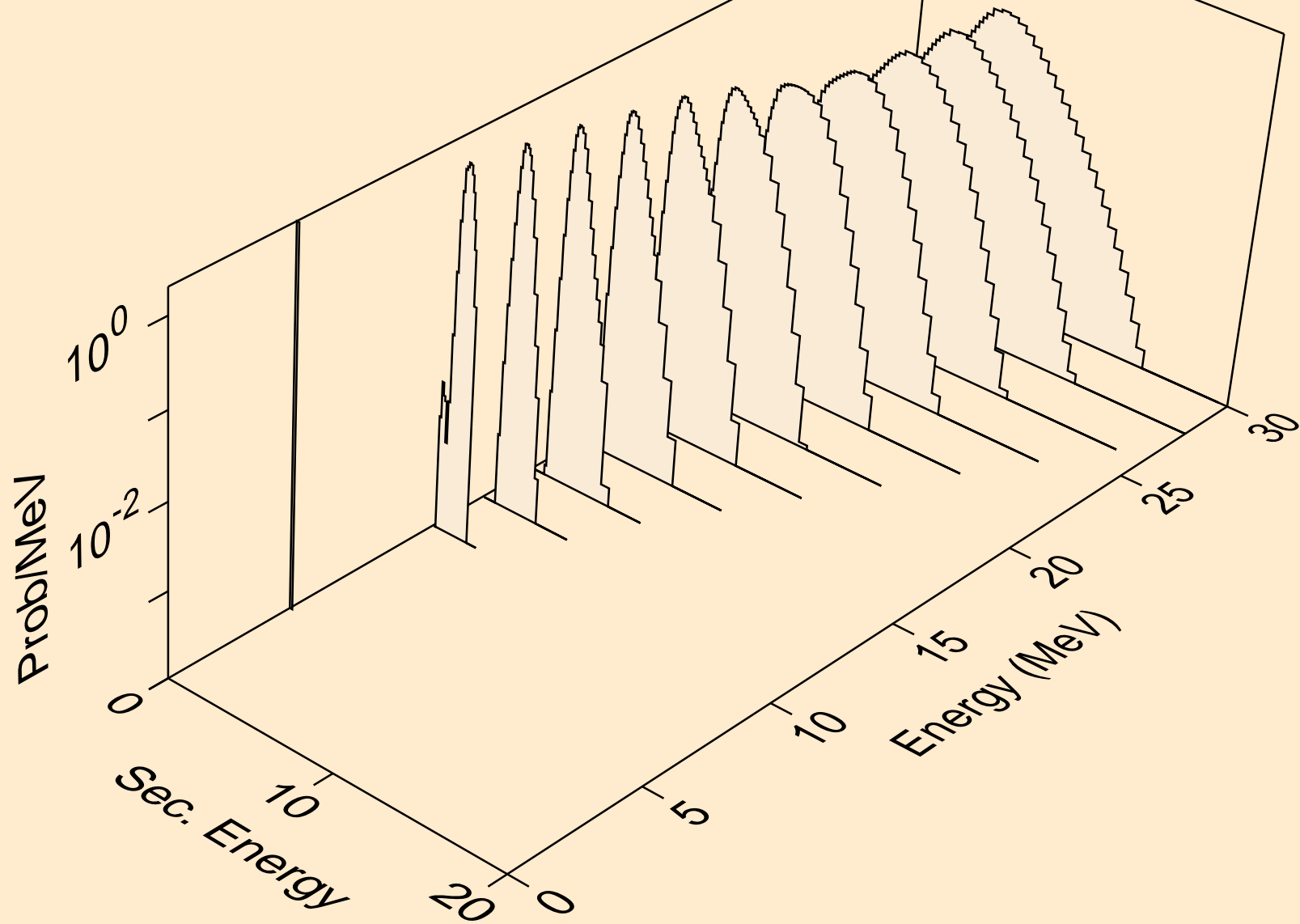
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protons from (d,2np)



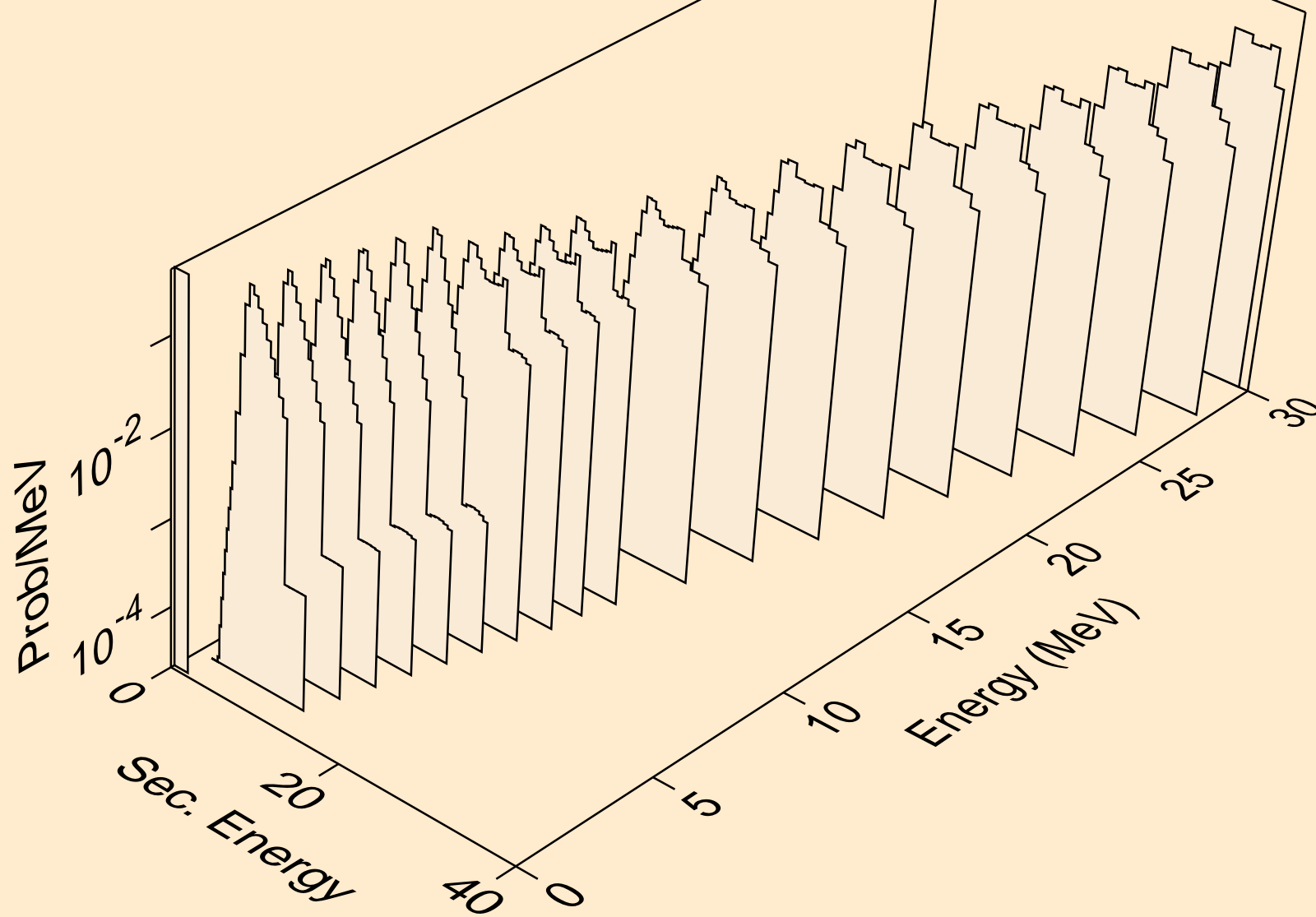
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protons from (d,n2p)



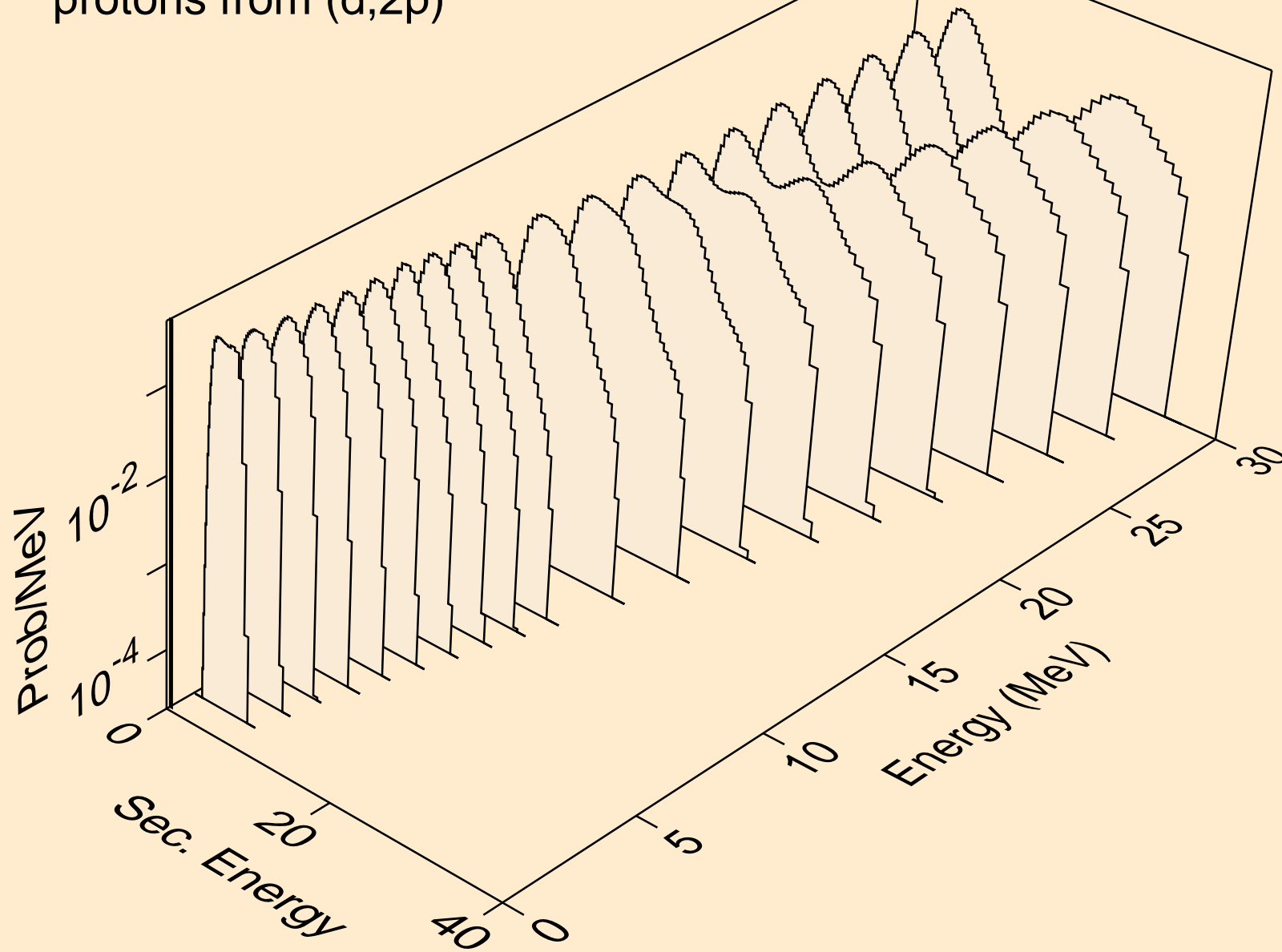
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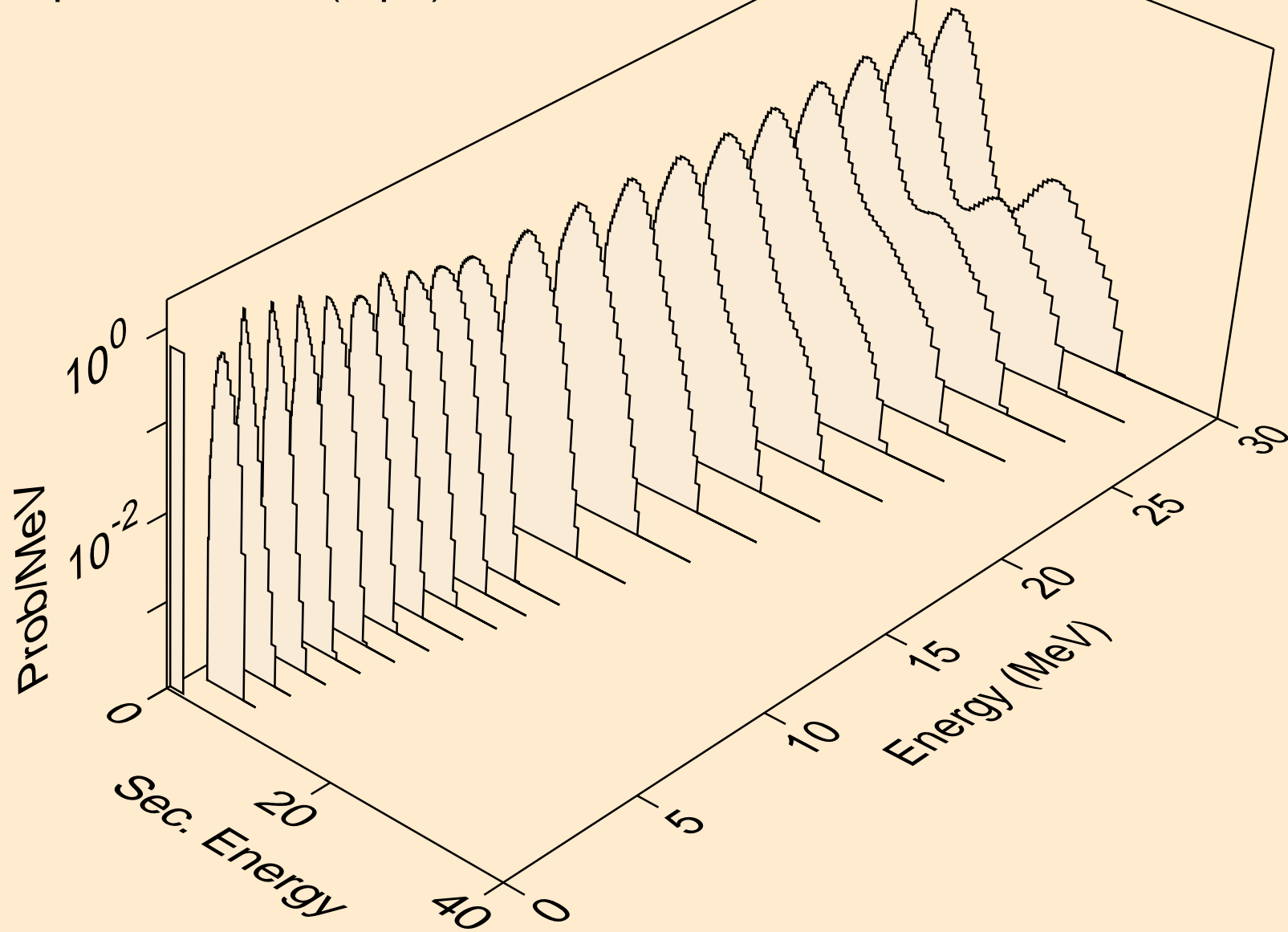
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protons from (d,p)



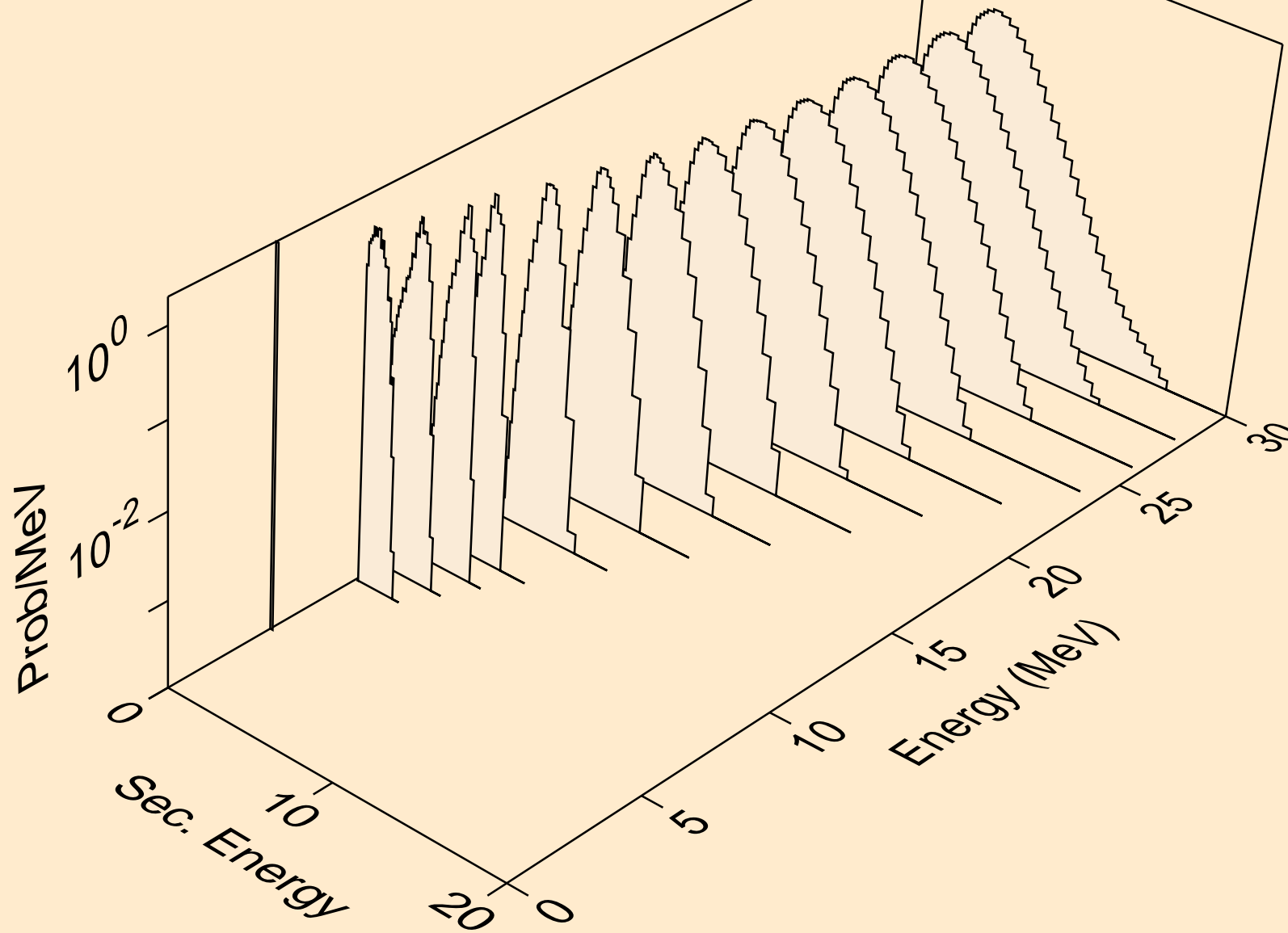
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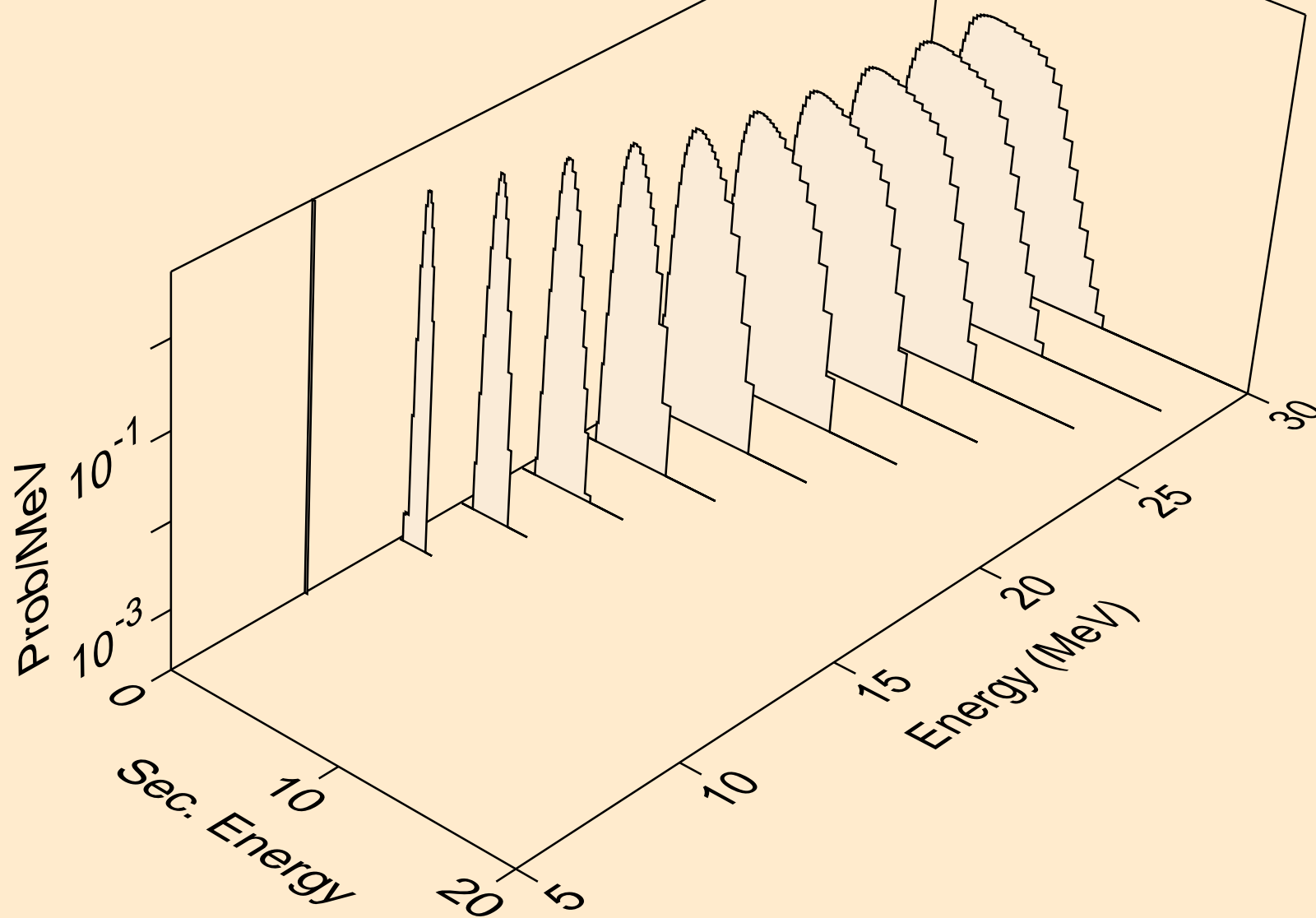
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protons from (d,pa)



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protons from (d,pd)

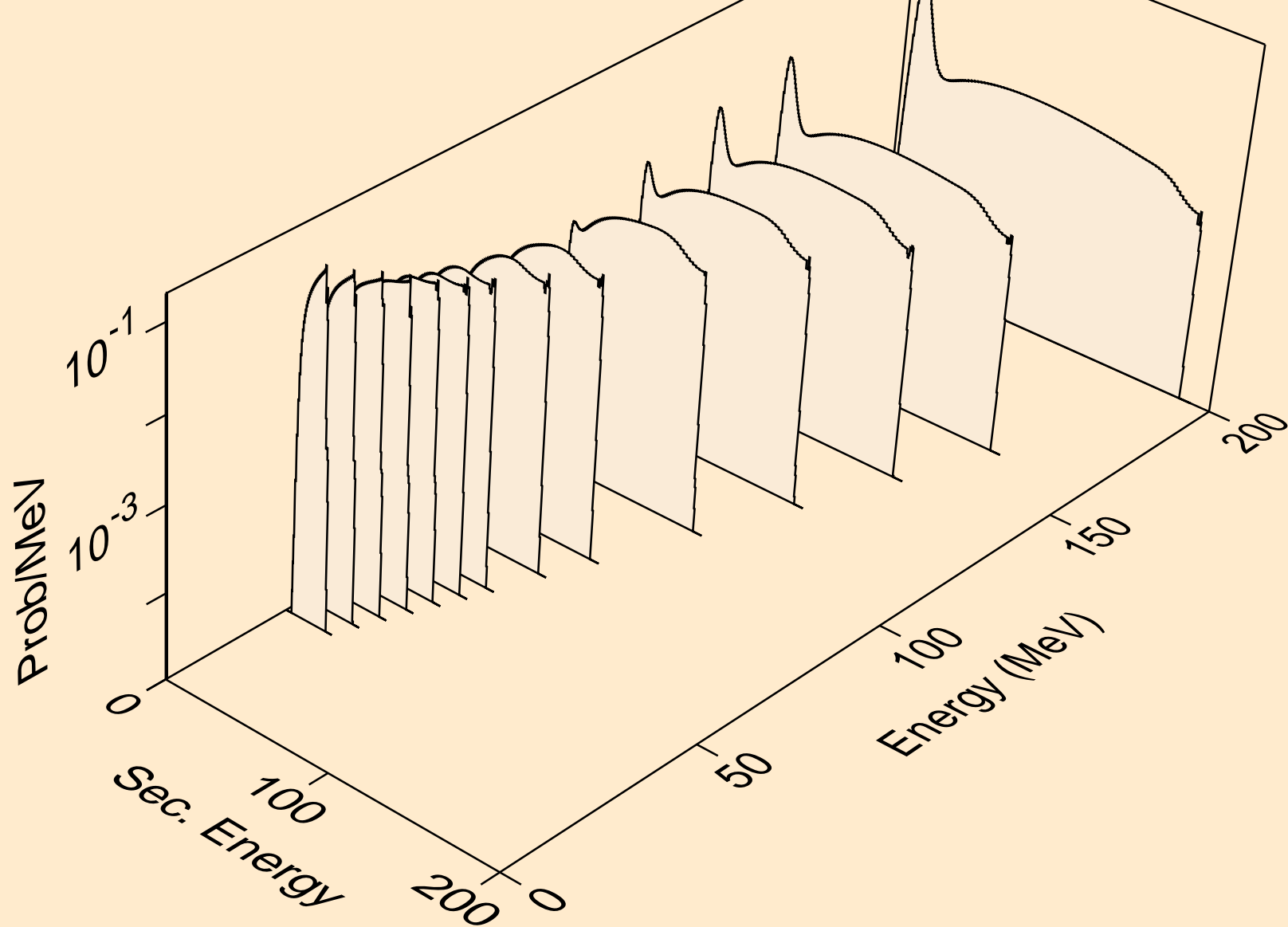


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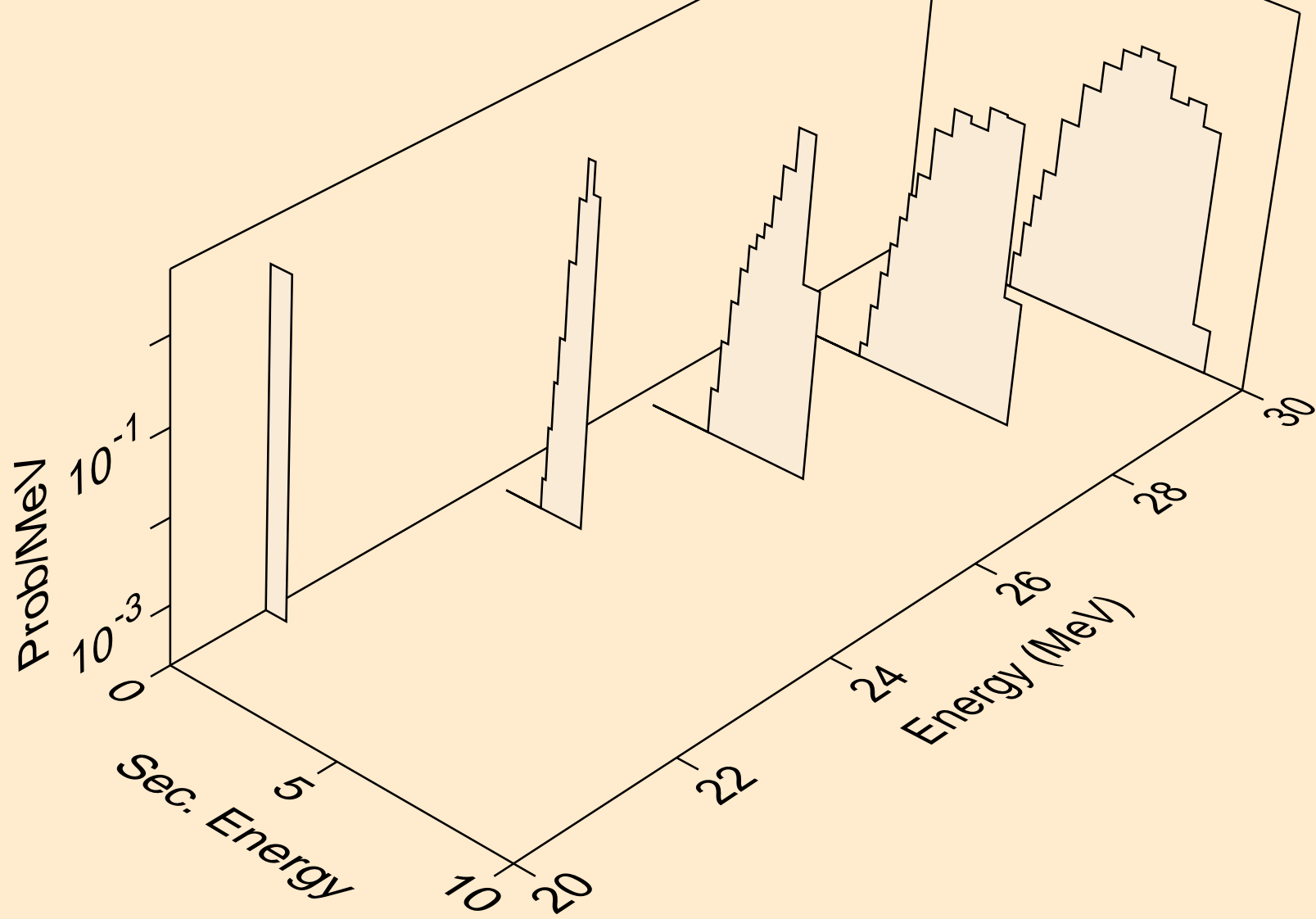




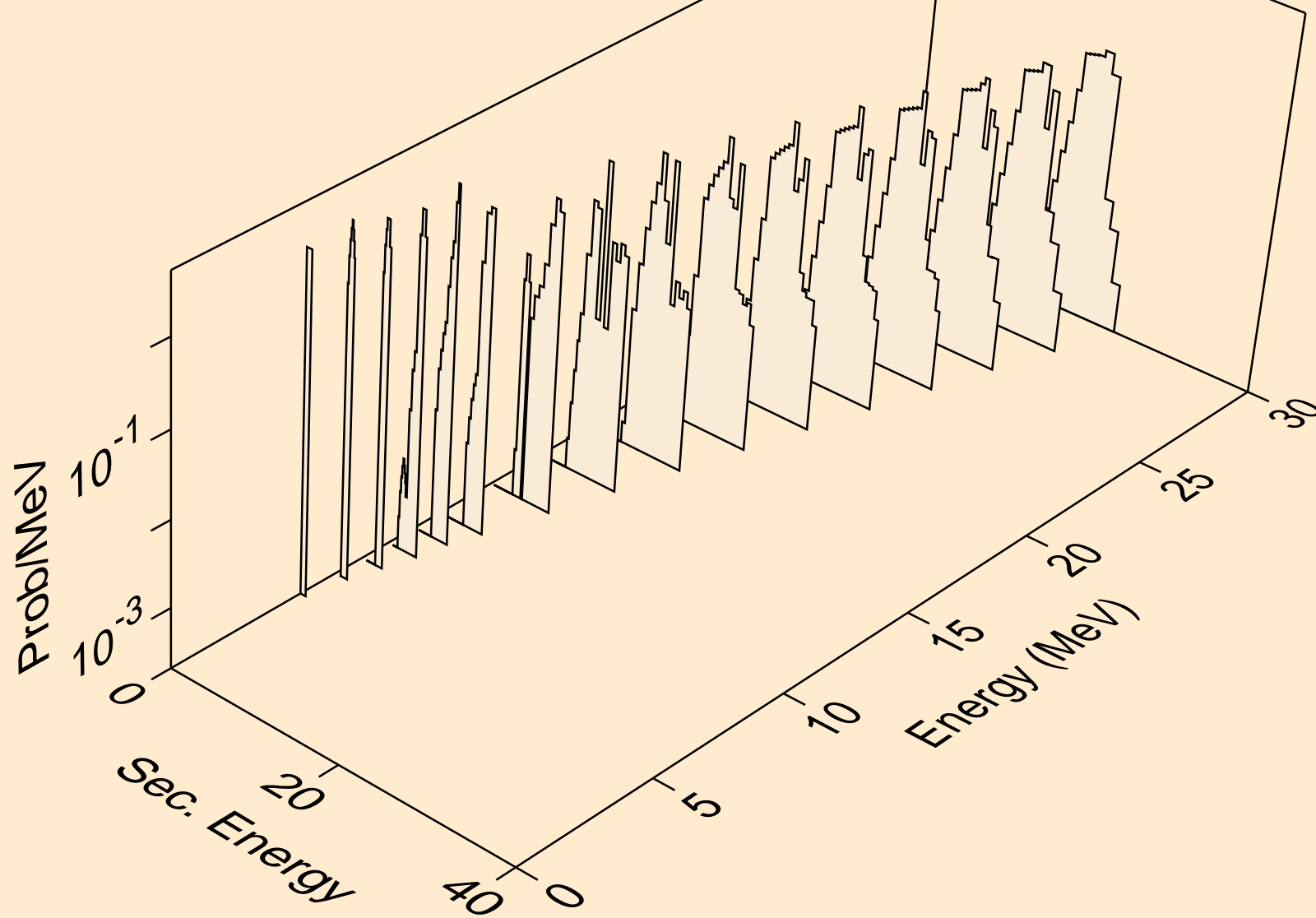
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,x)



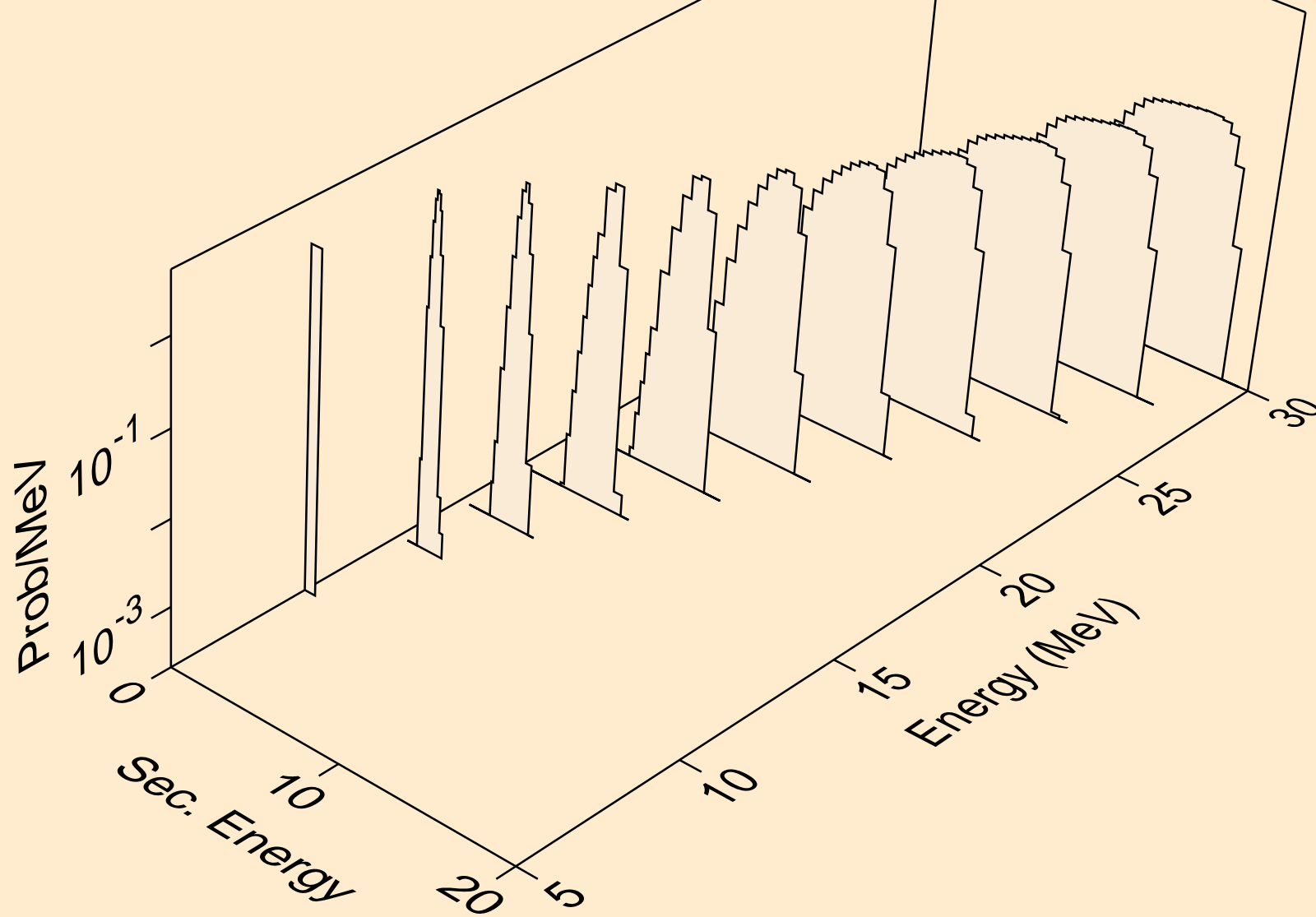
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tritons from (d,n\*)t



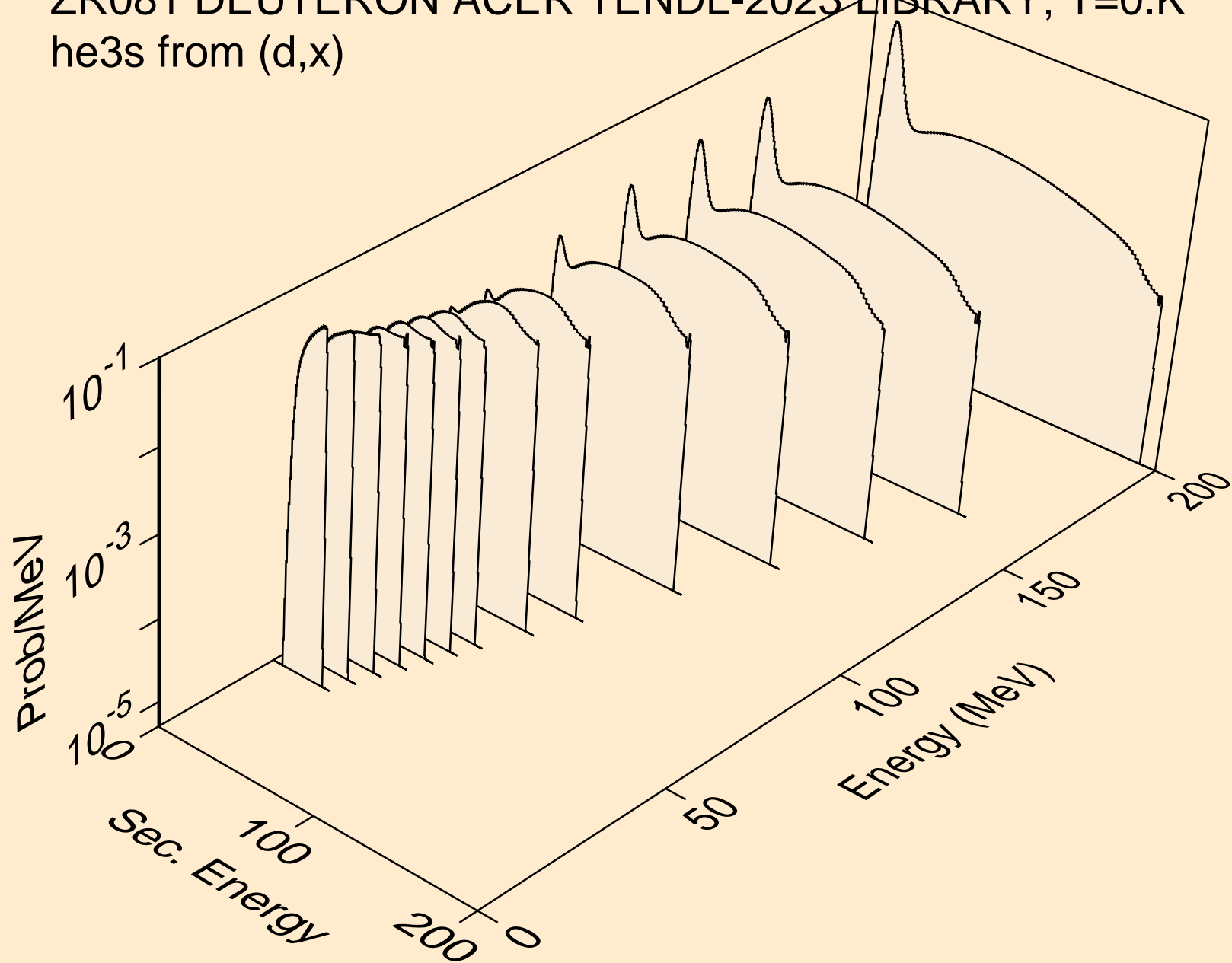
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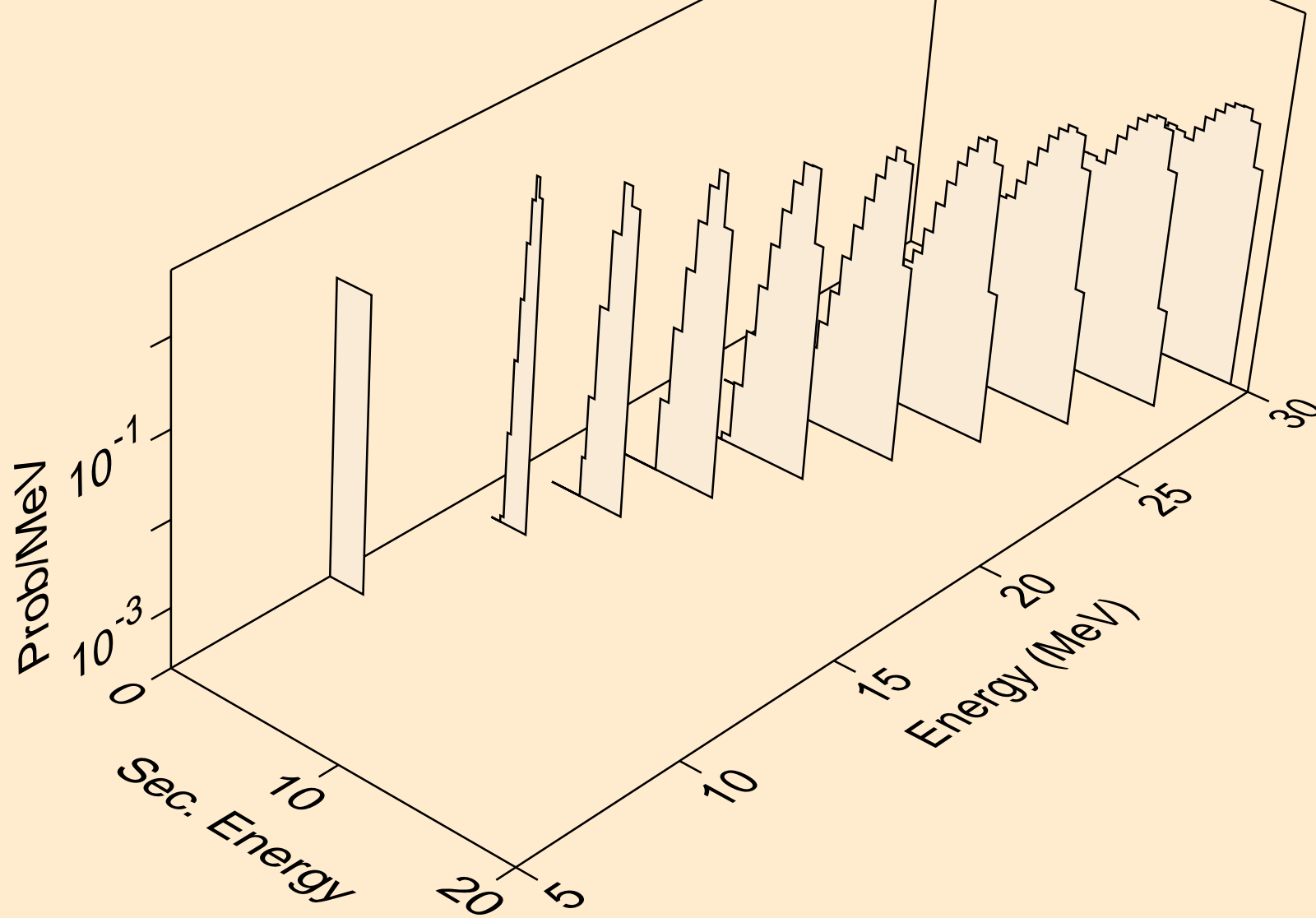
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tritons from (d,pt)



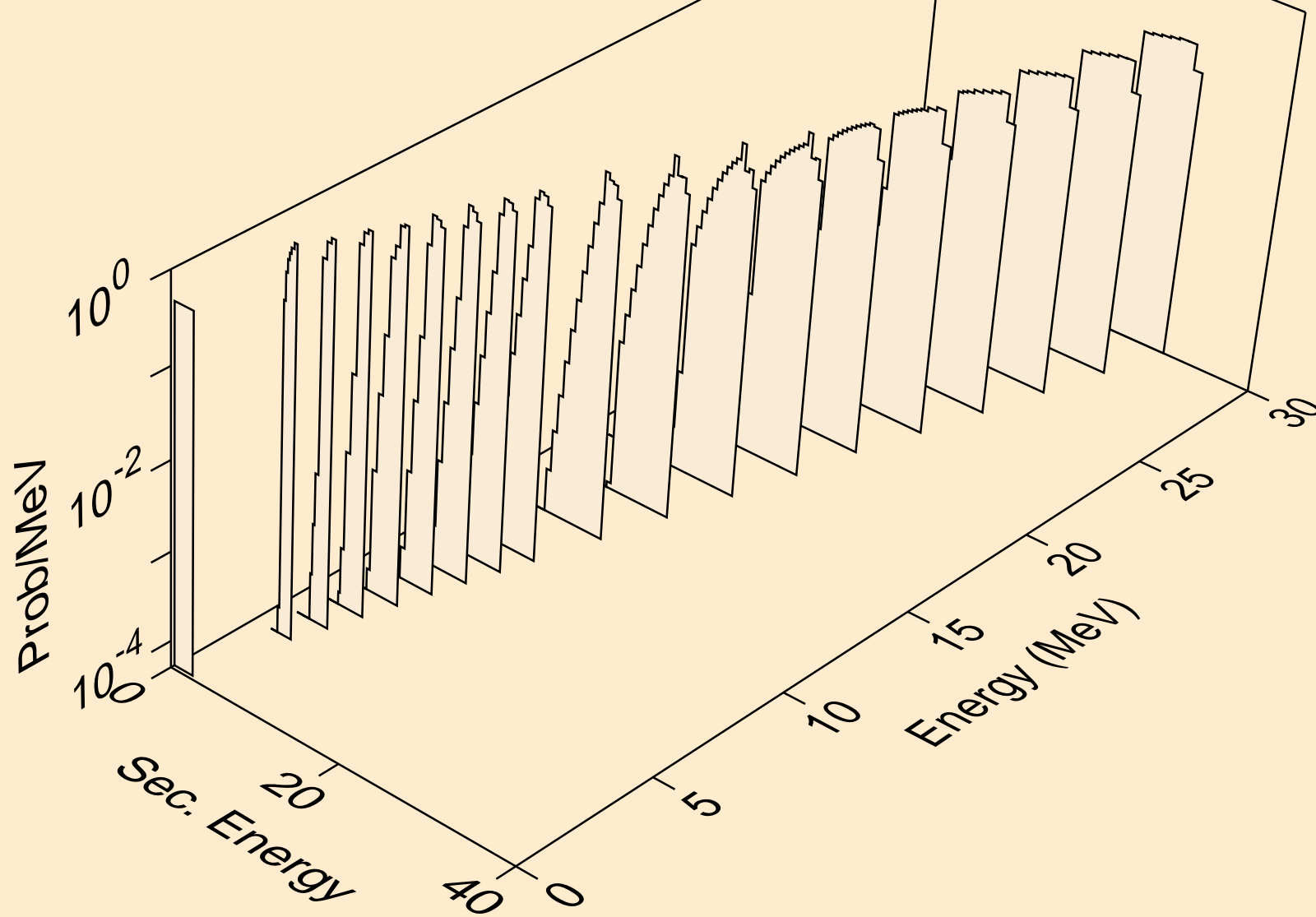
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he3s from (d,x)



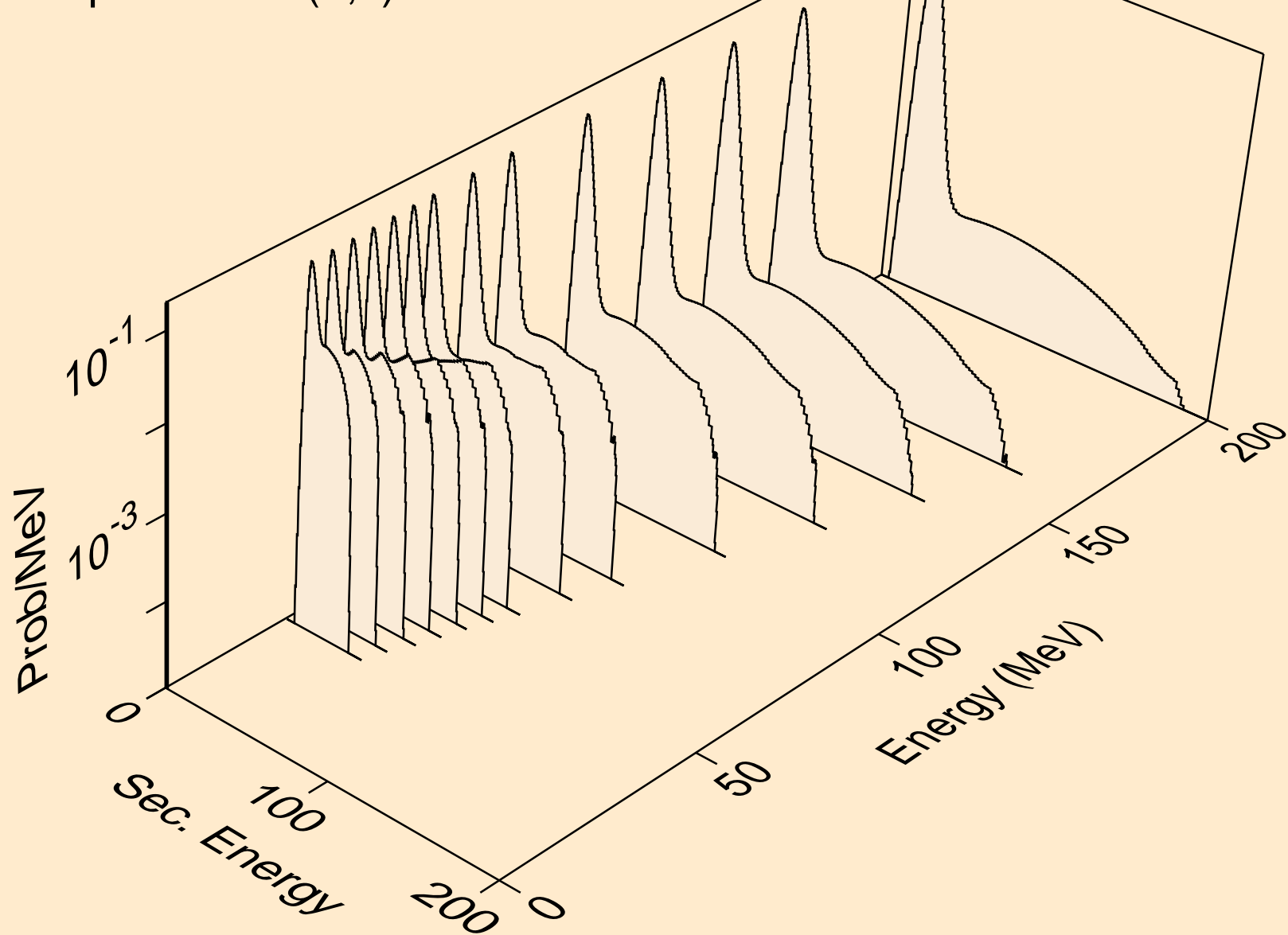
ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,n\*)he3



ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,he3)

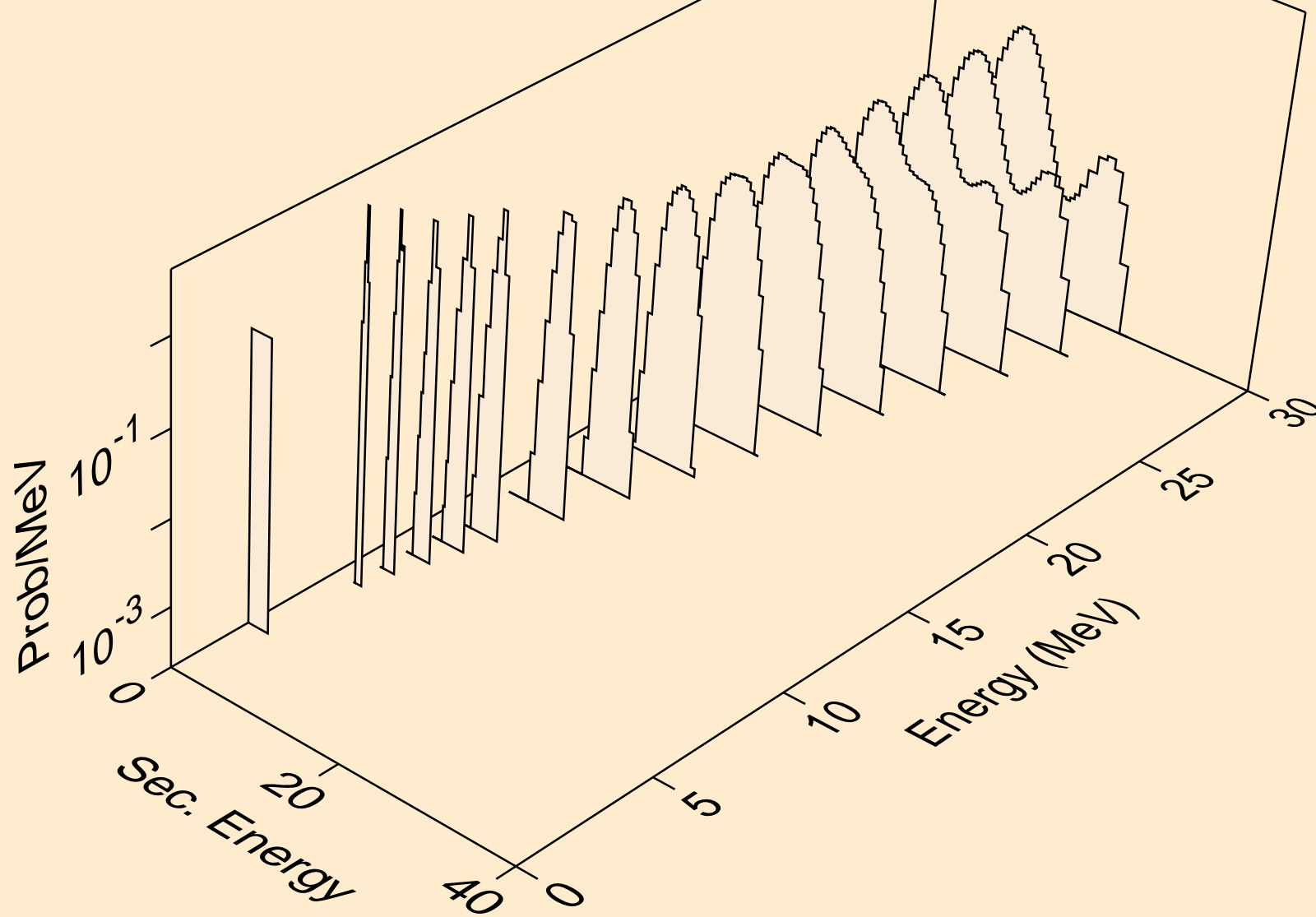


ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,x)

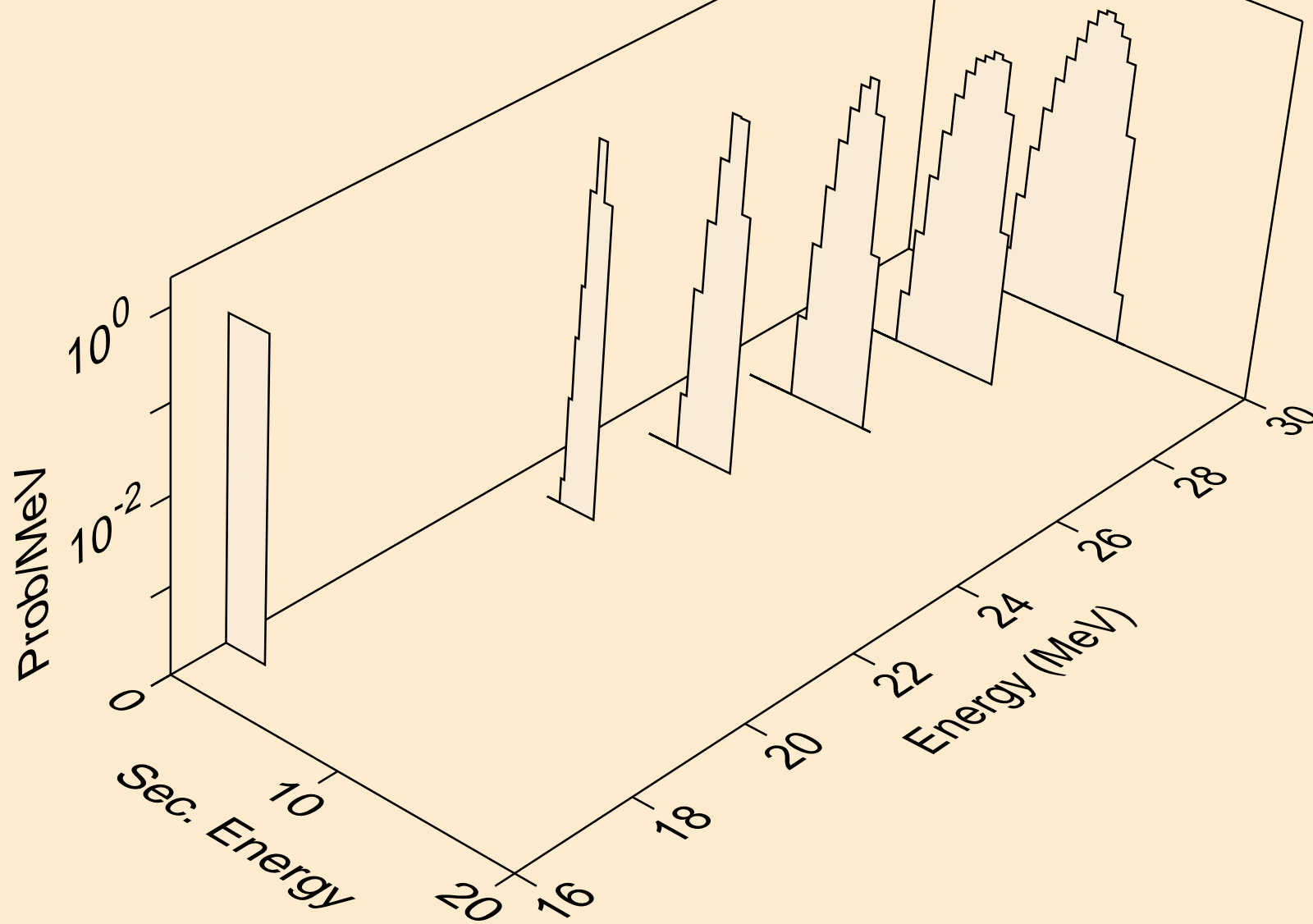




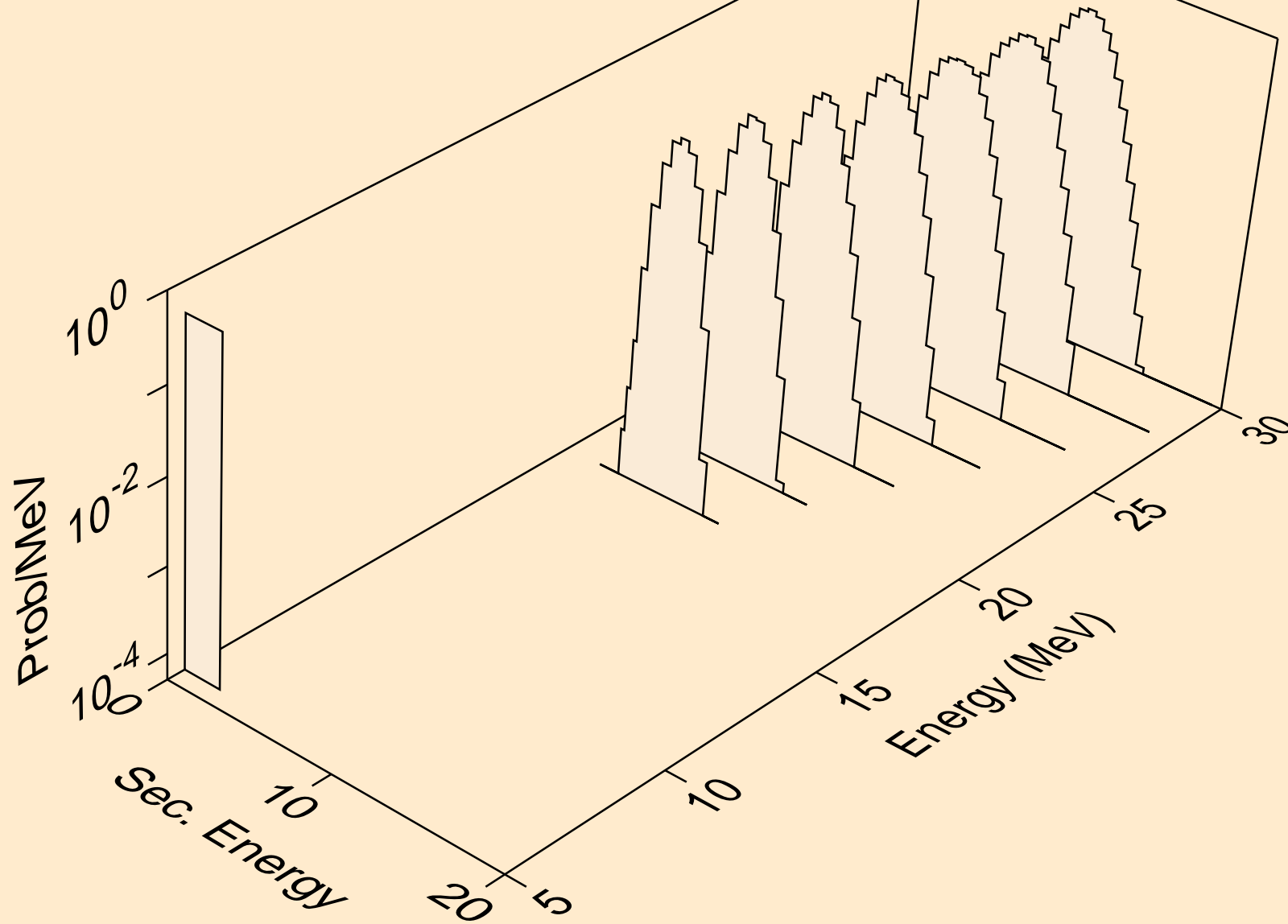
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alphas from (d,n\*)a



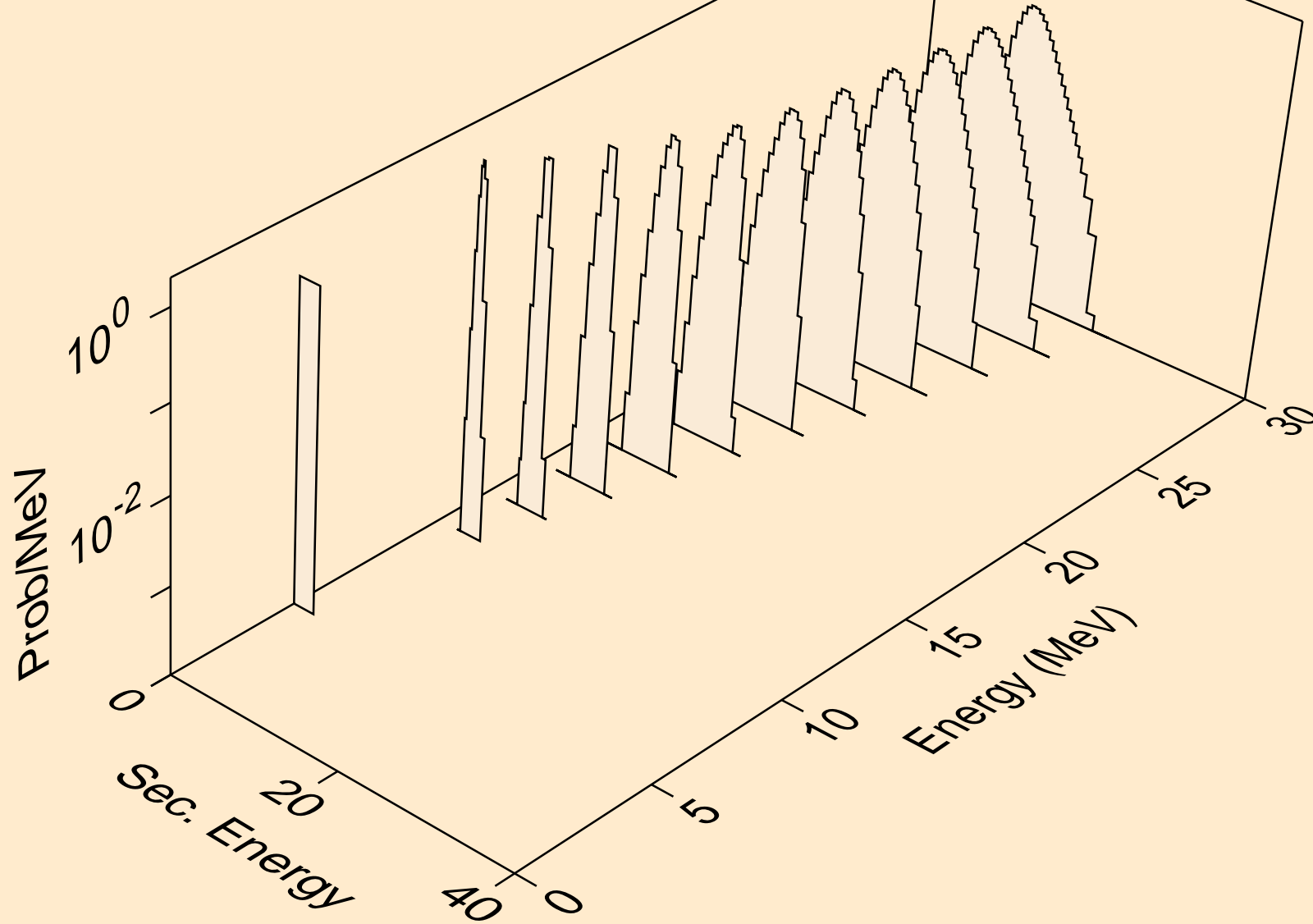
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alphas from (d,2n)a



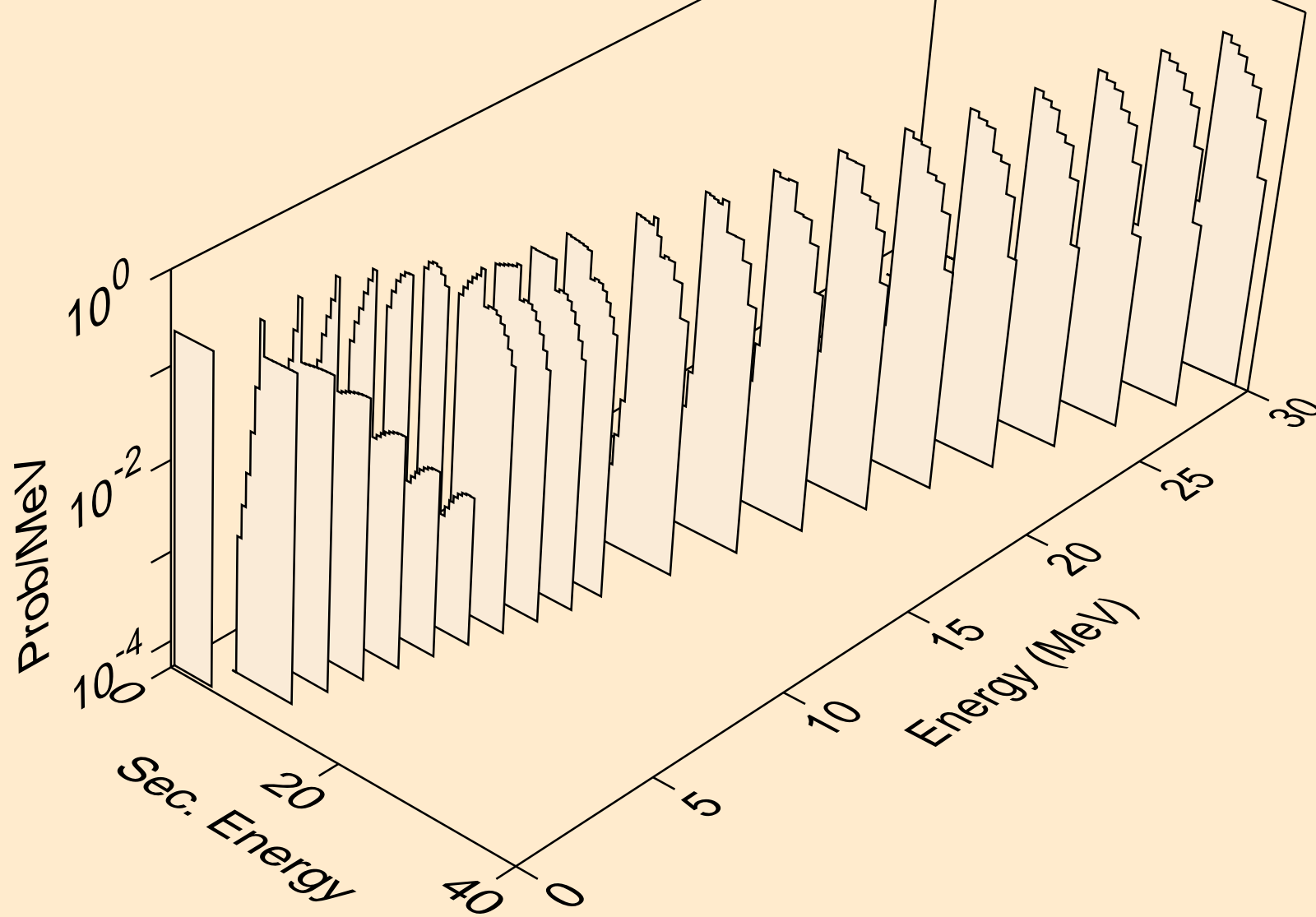
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alphas from (d,n\*)2a



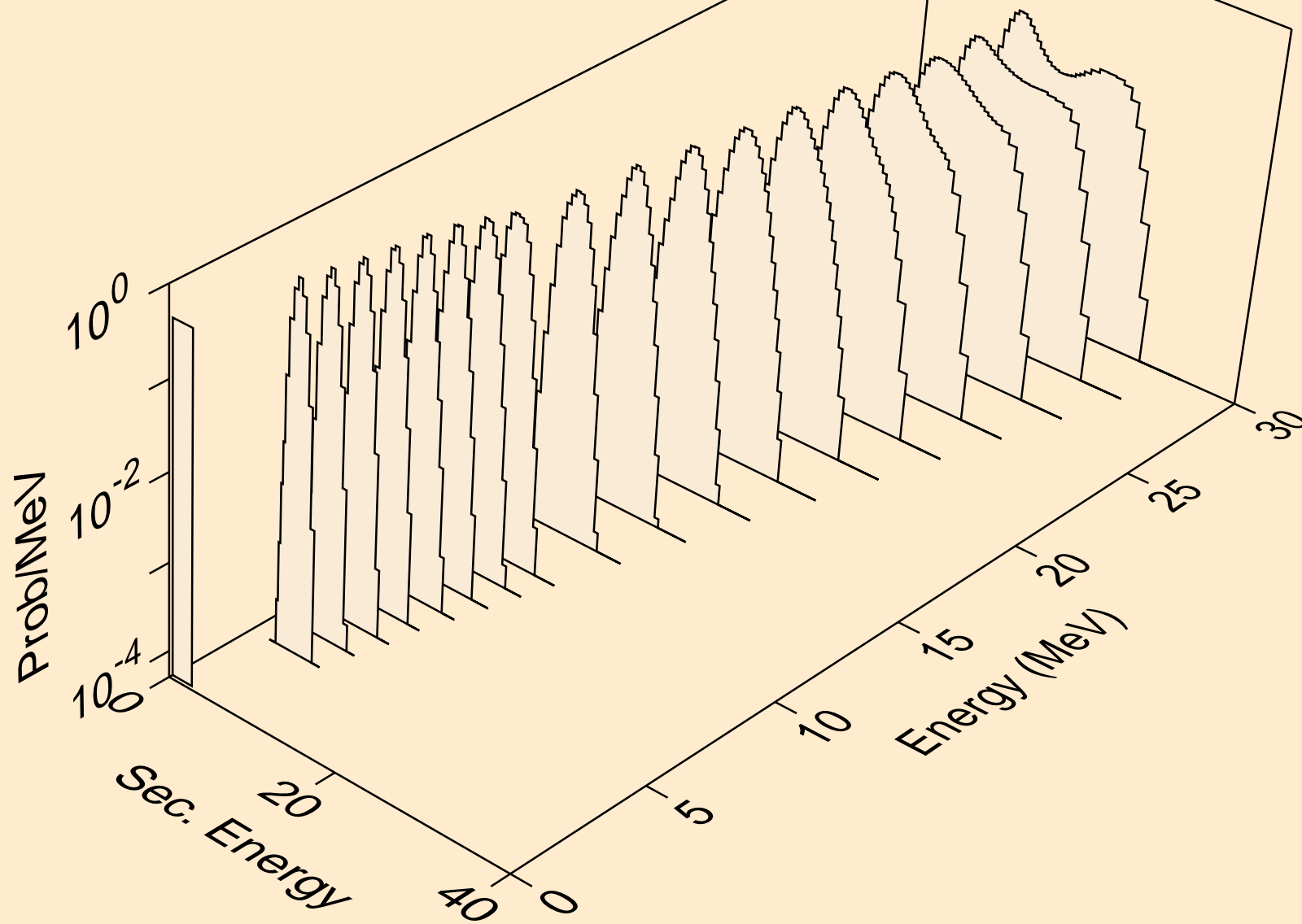
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alphas from (d,npa)



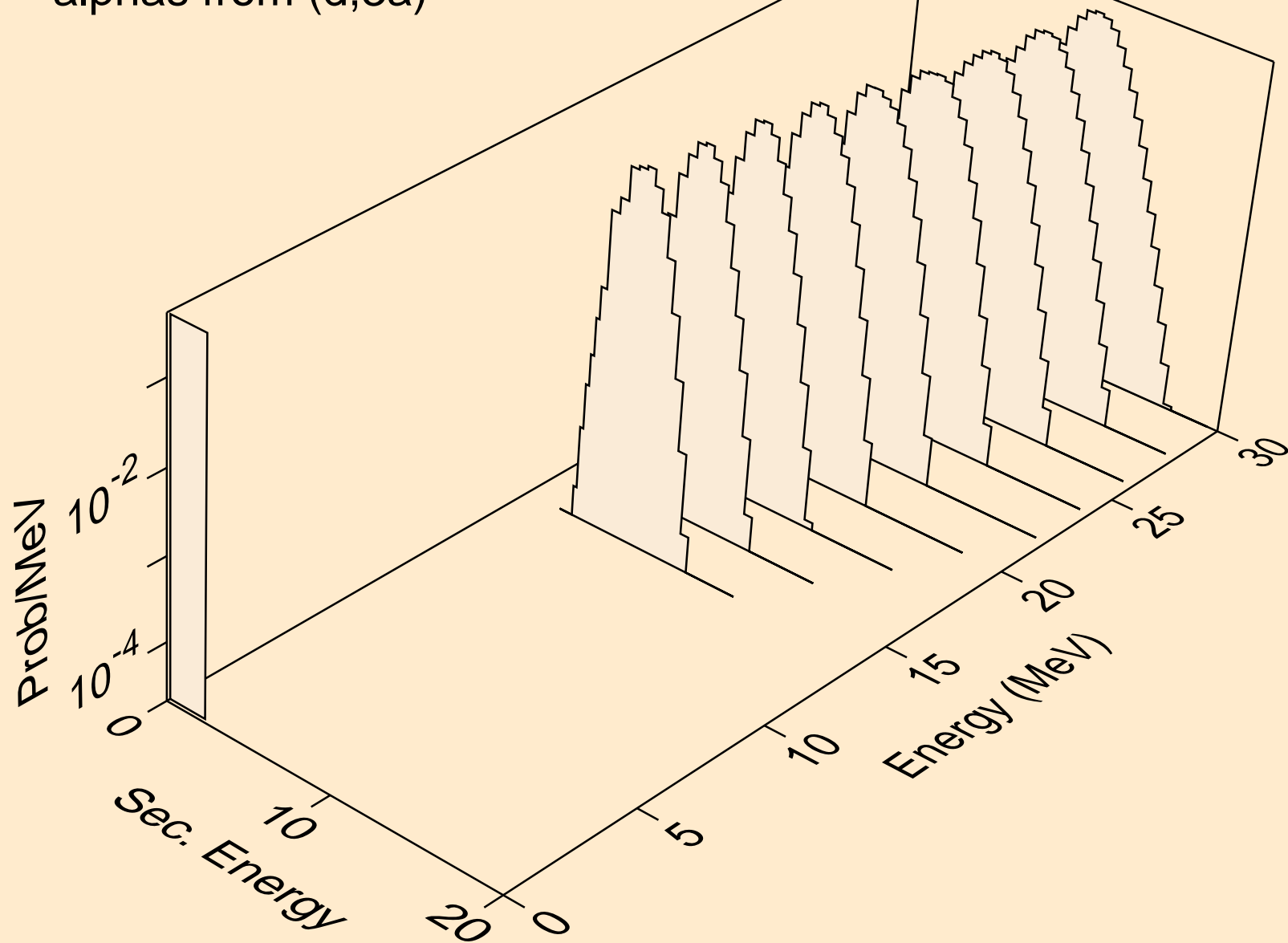
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alphas from (d,a)



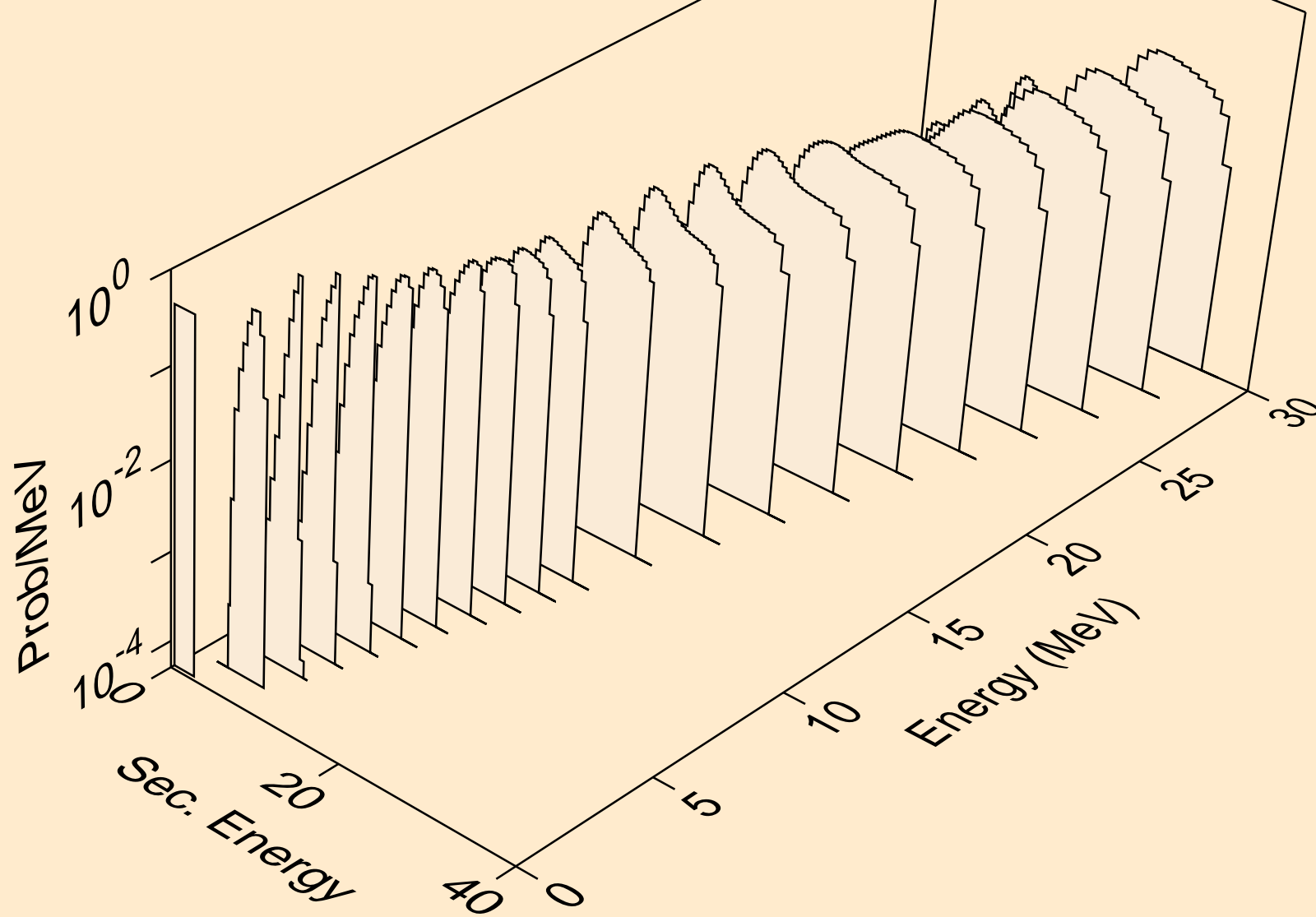
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alphas from (d,2a)



ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,3a)



ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)





ZR081 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

