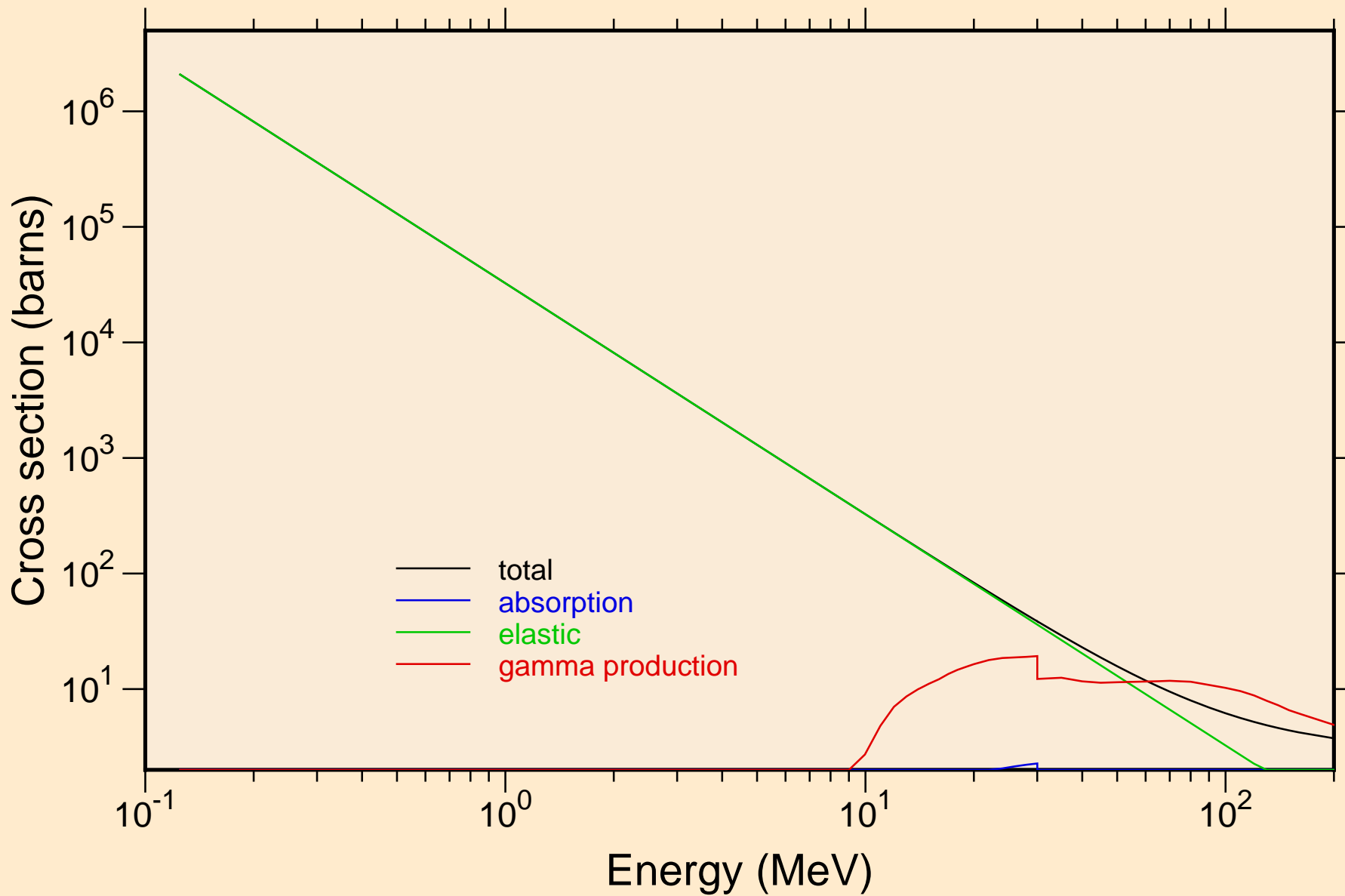
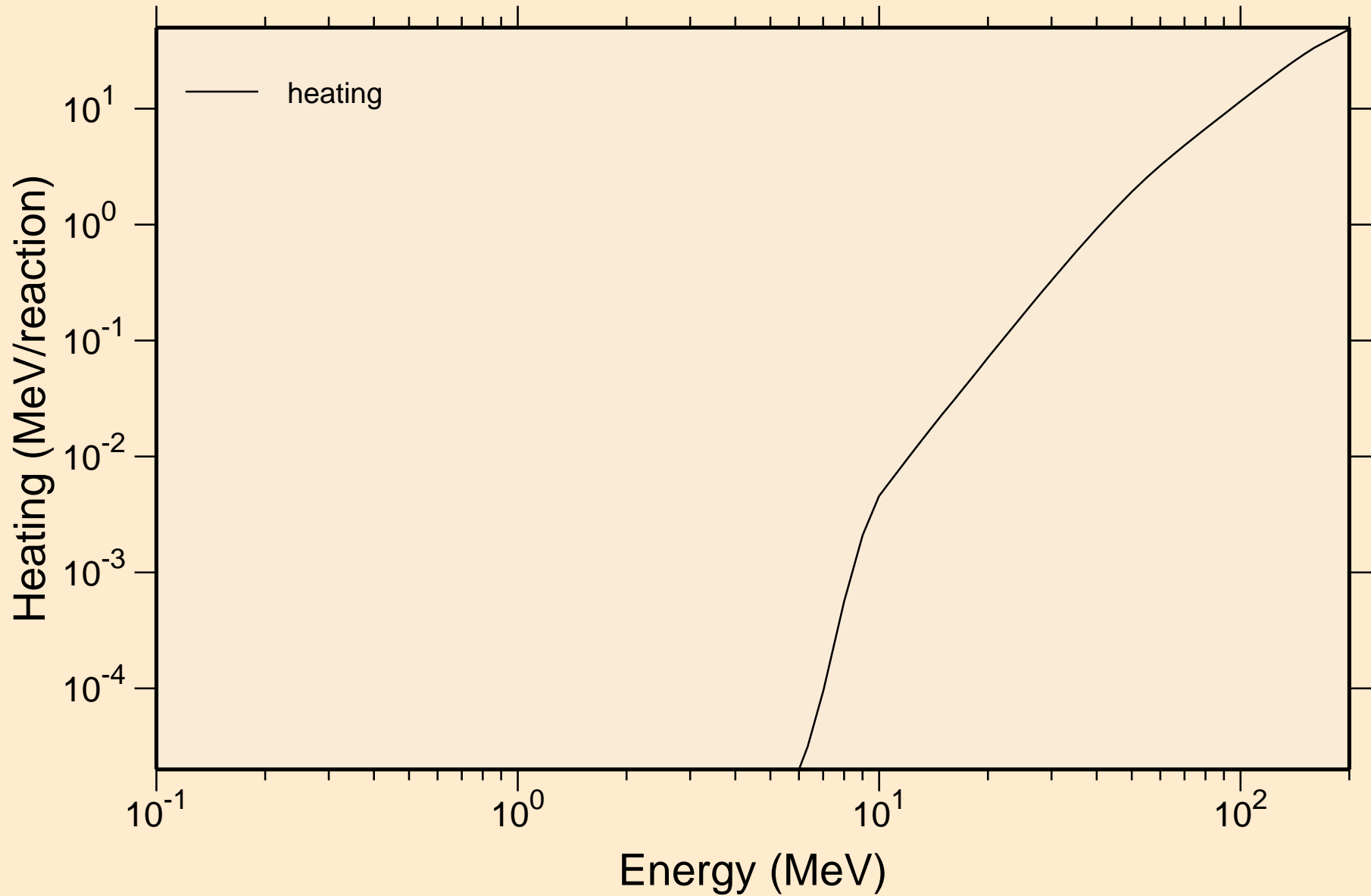


# HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

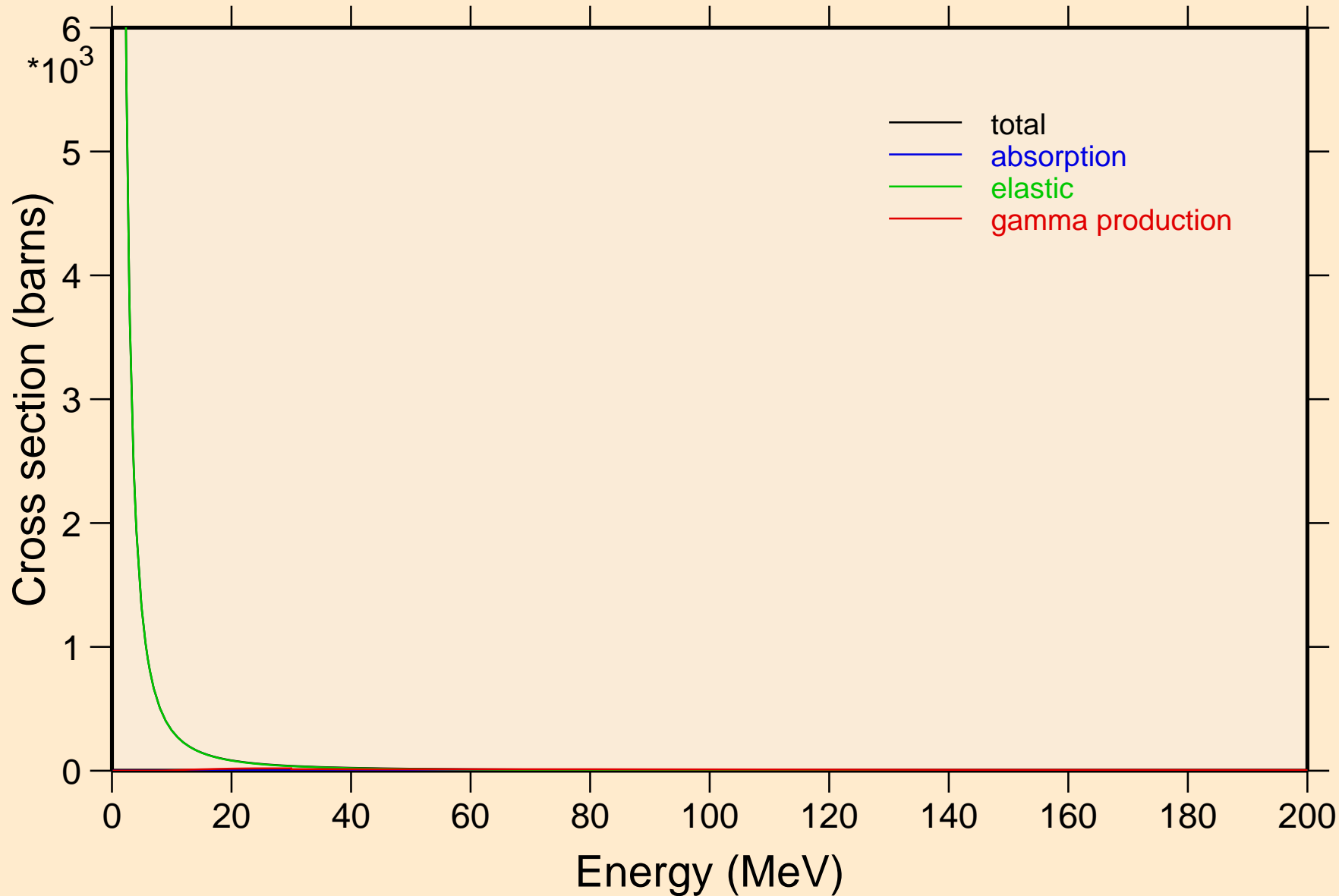
## Principal cross sections



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

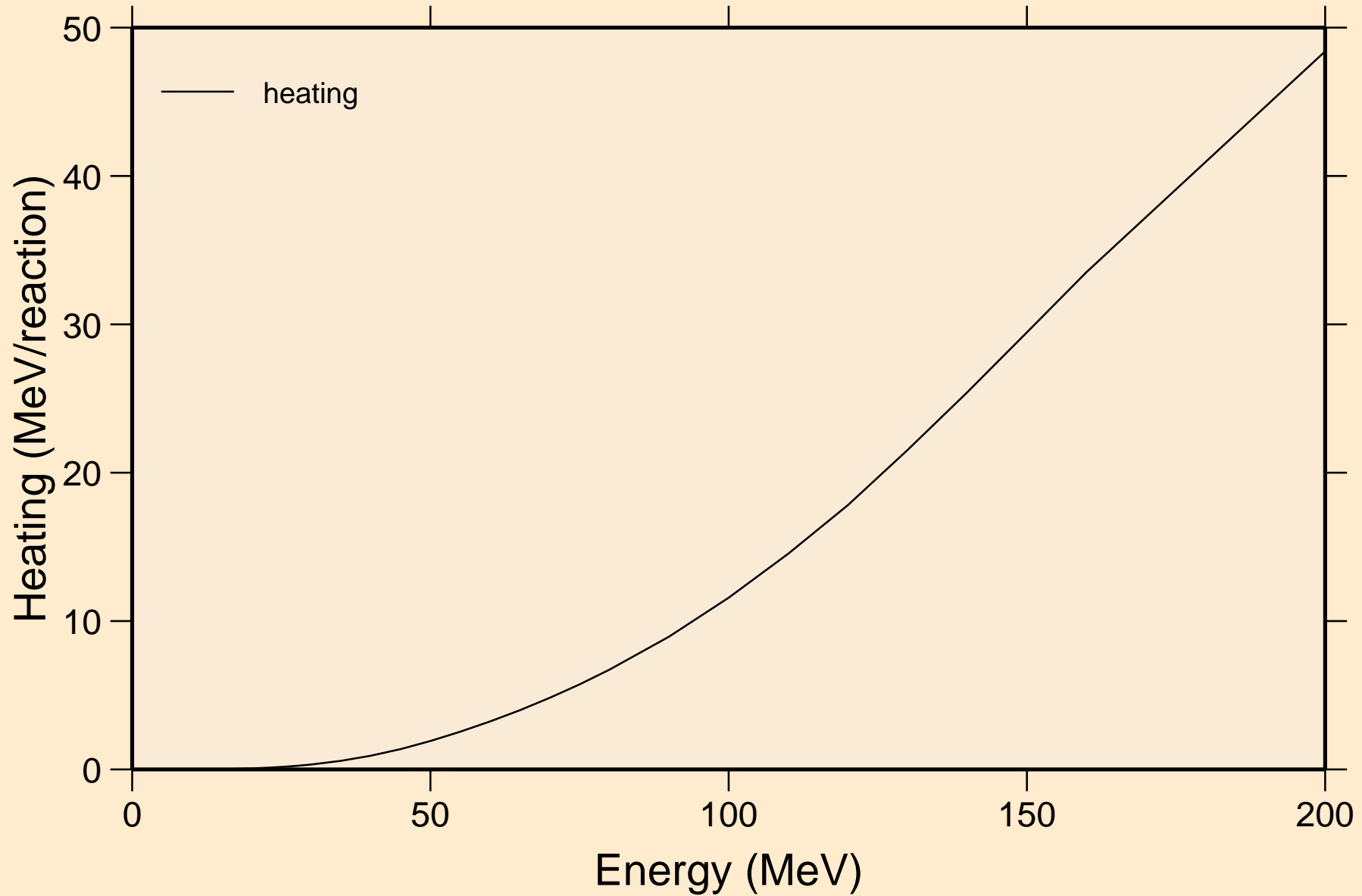


HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



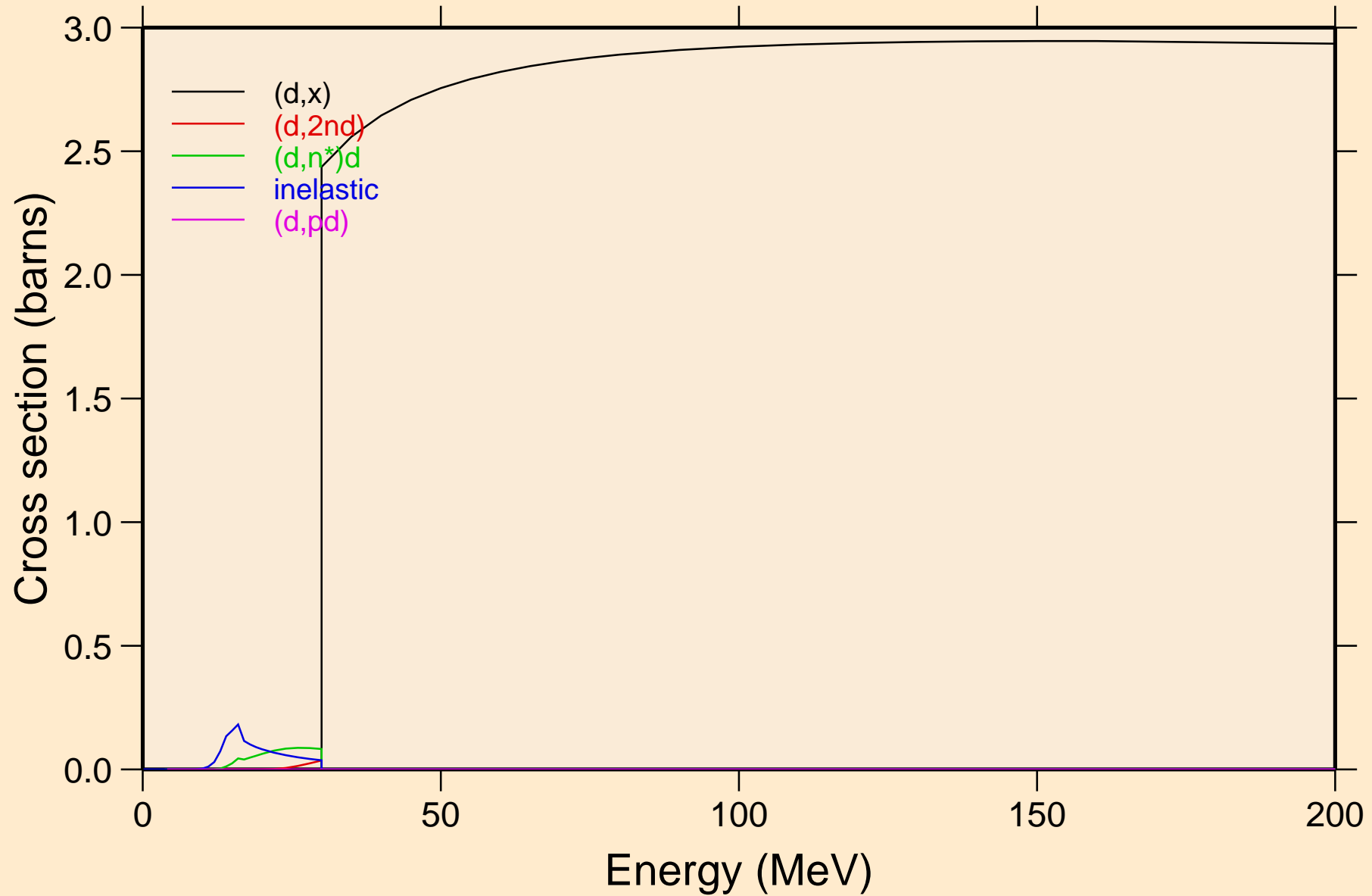
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## Heating



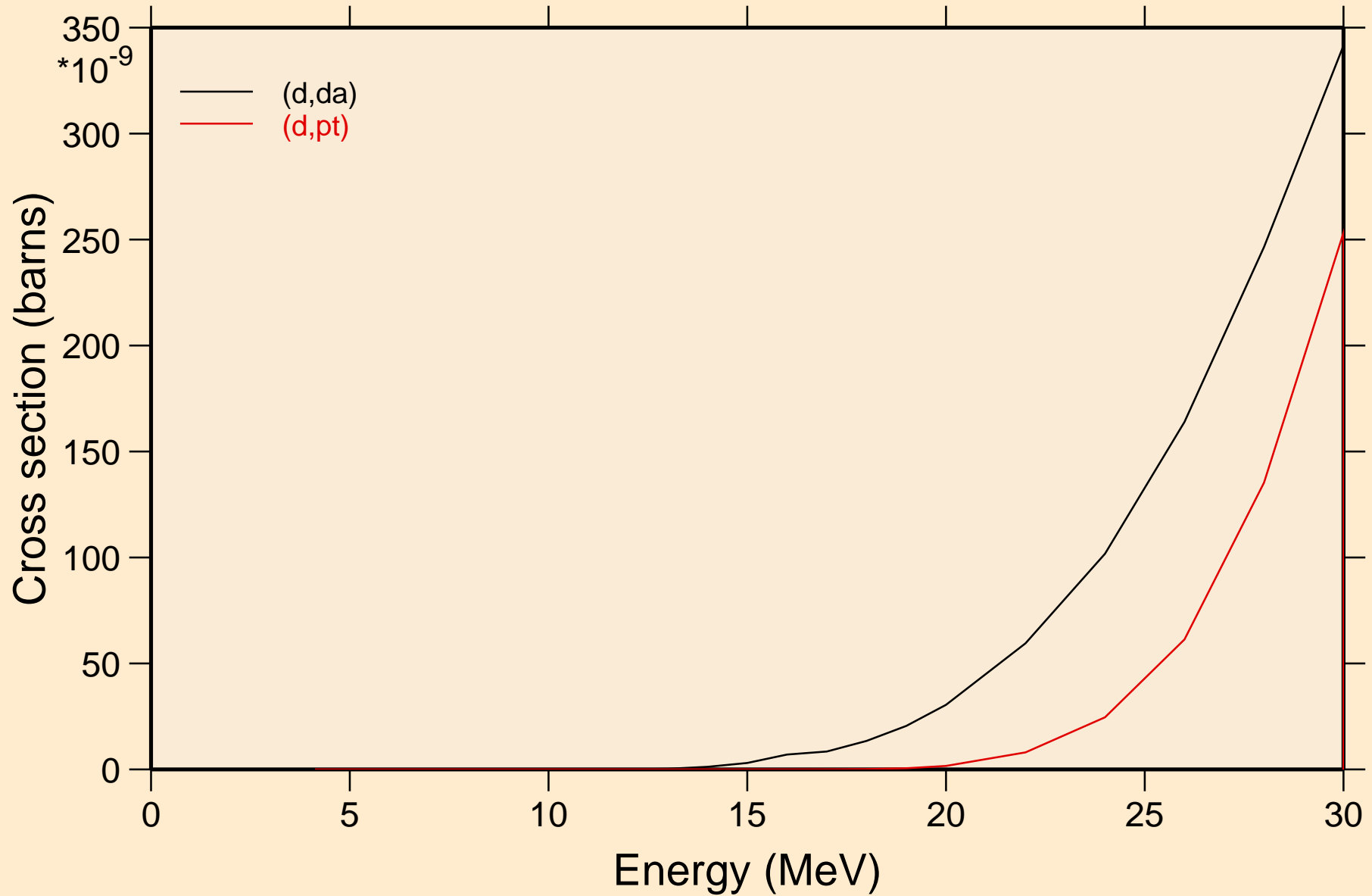
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## Threshold reactions

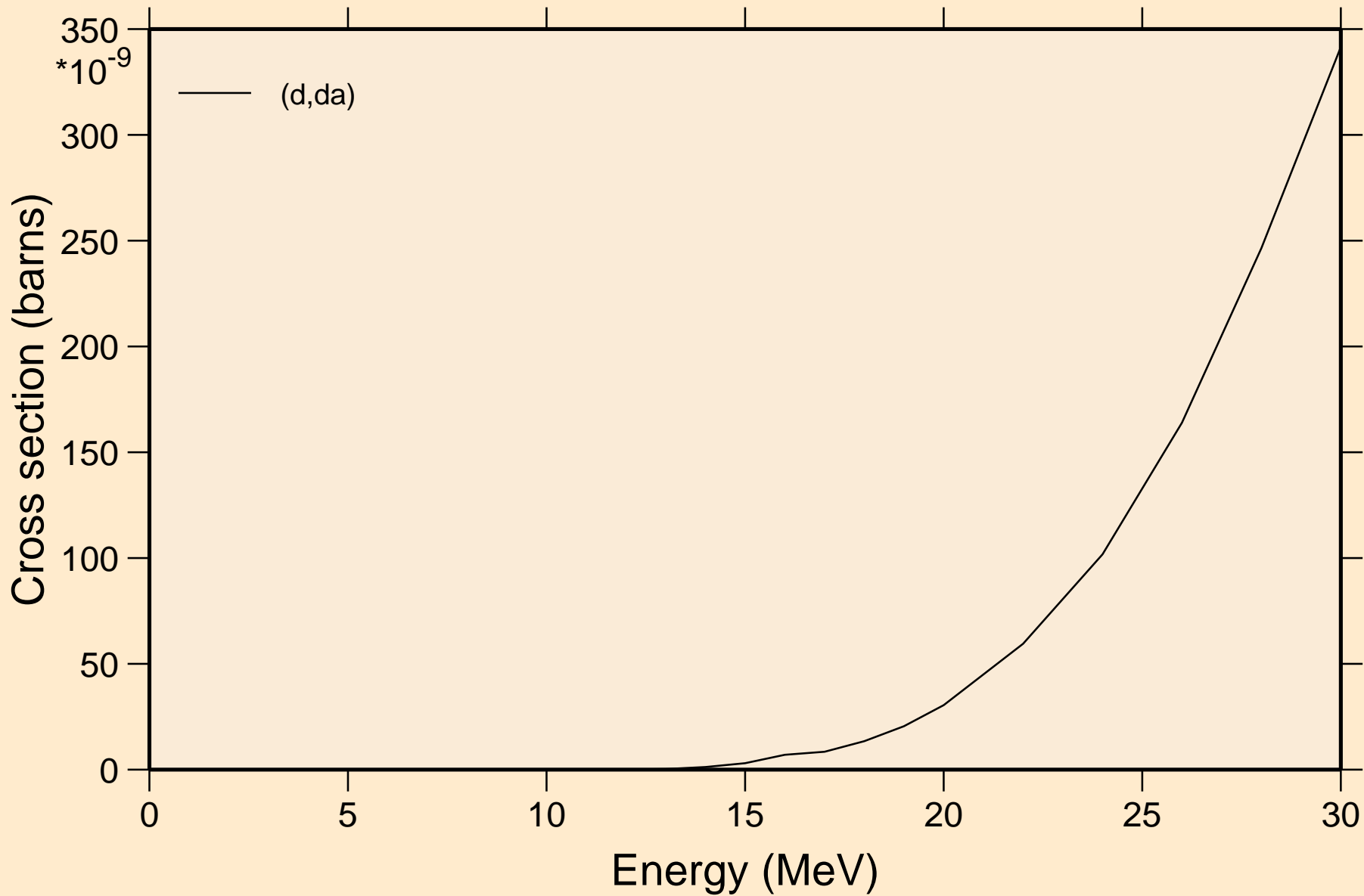


# HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

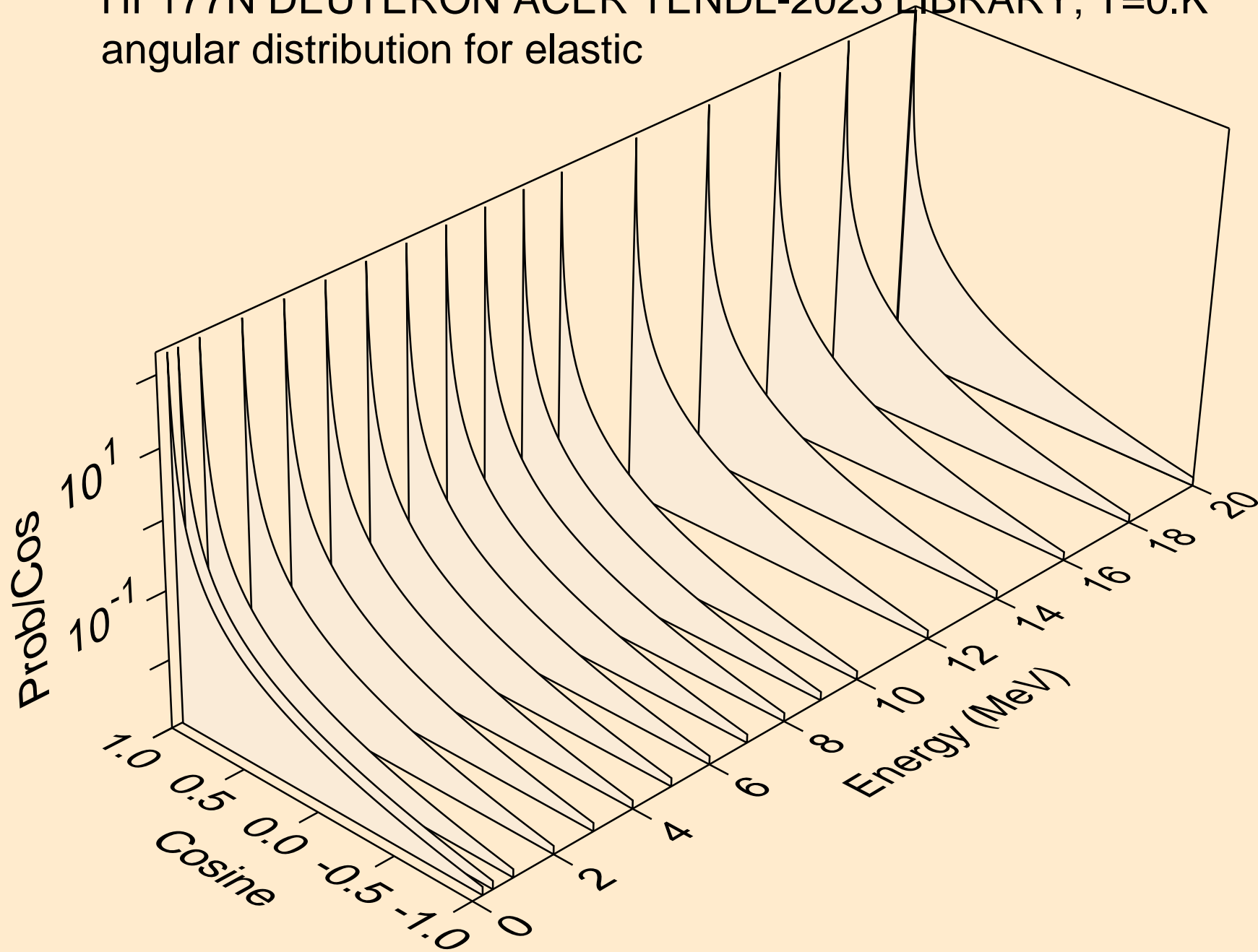
## Threshold reactions



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

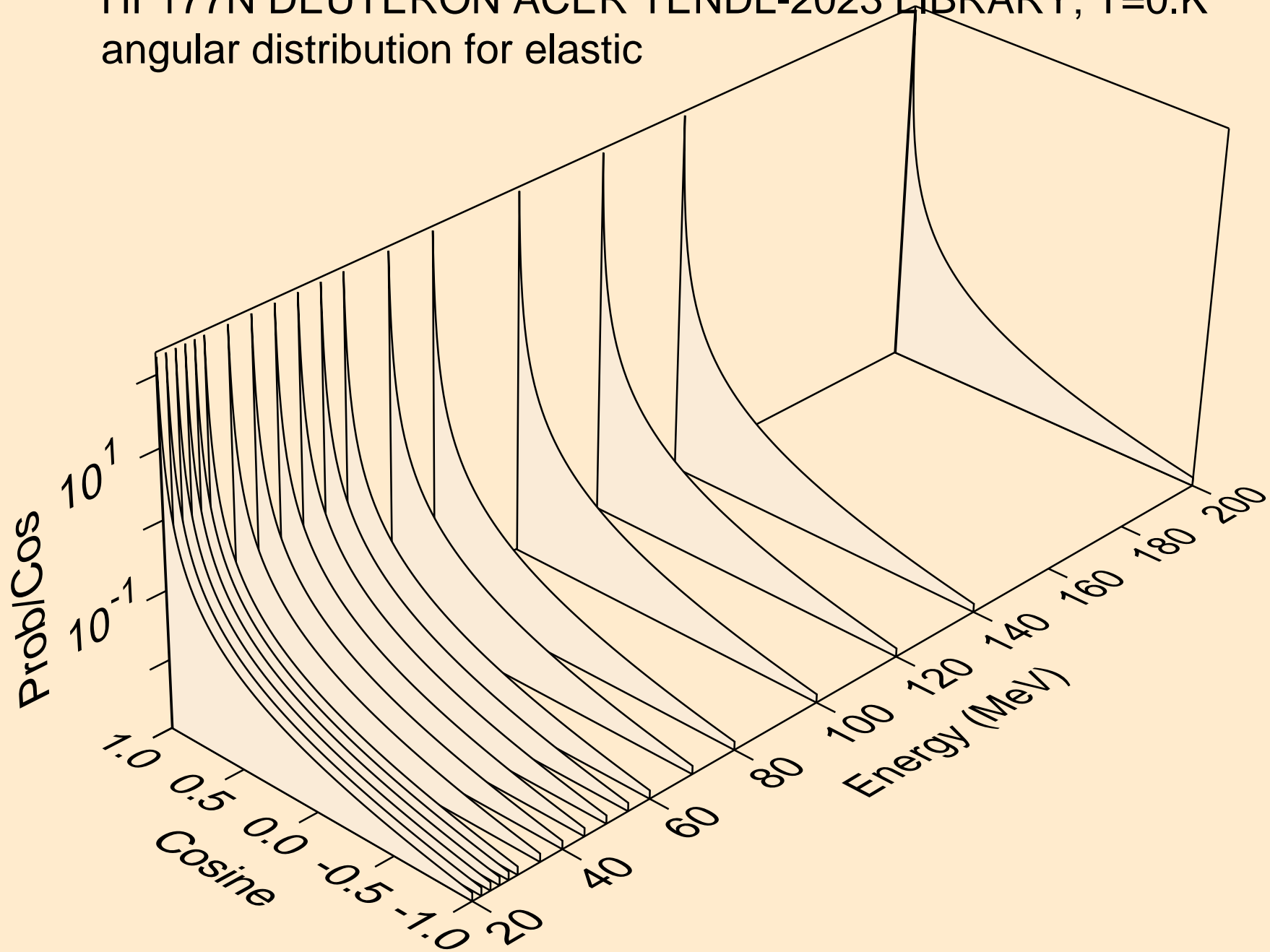


HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

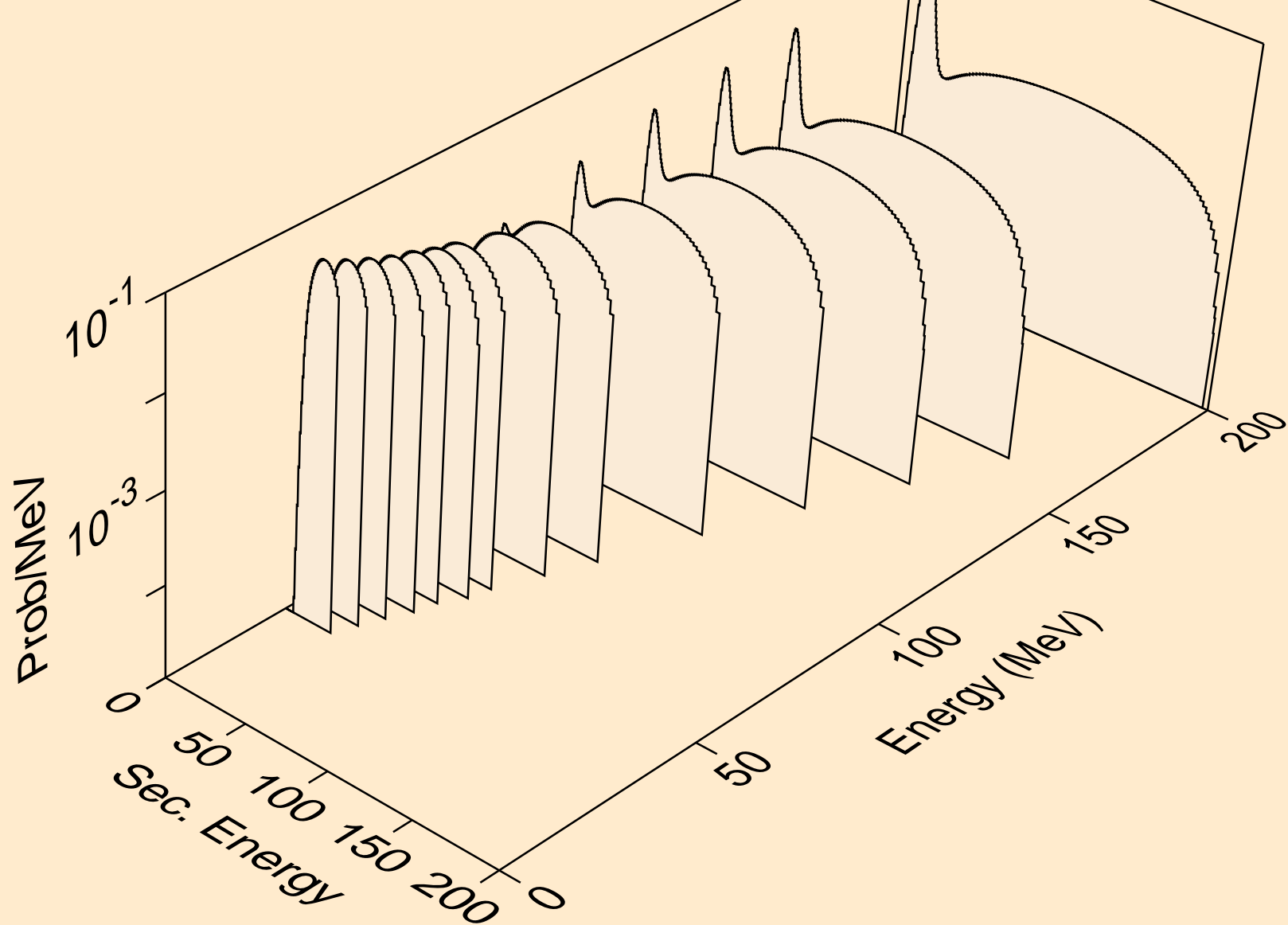




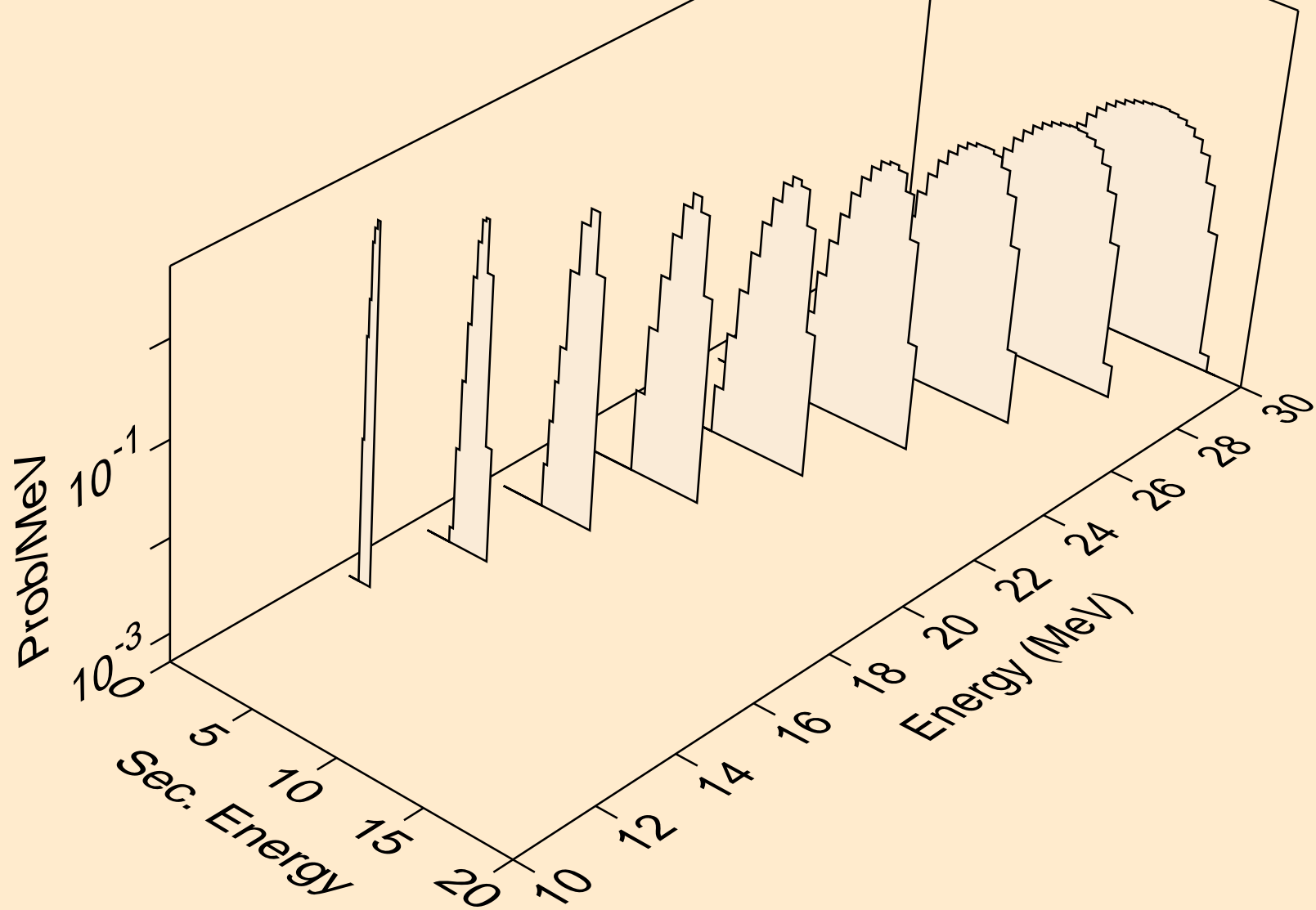
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



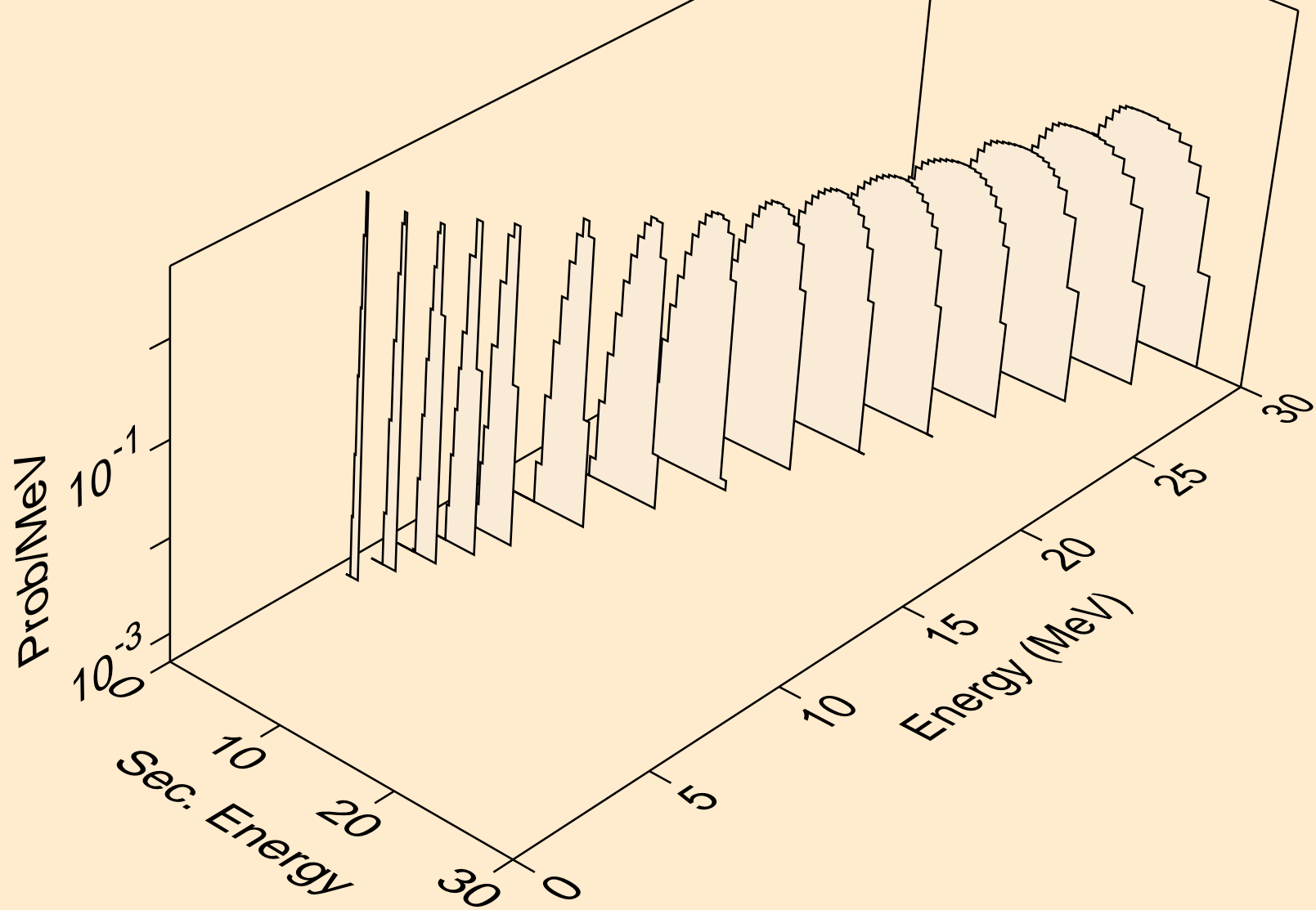
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,x)



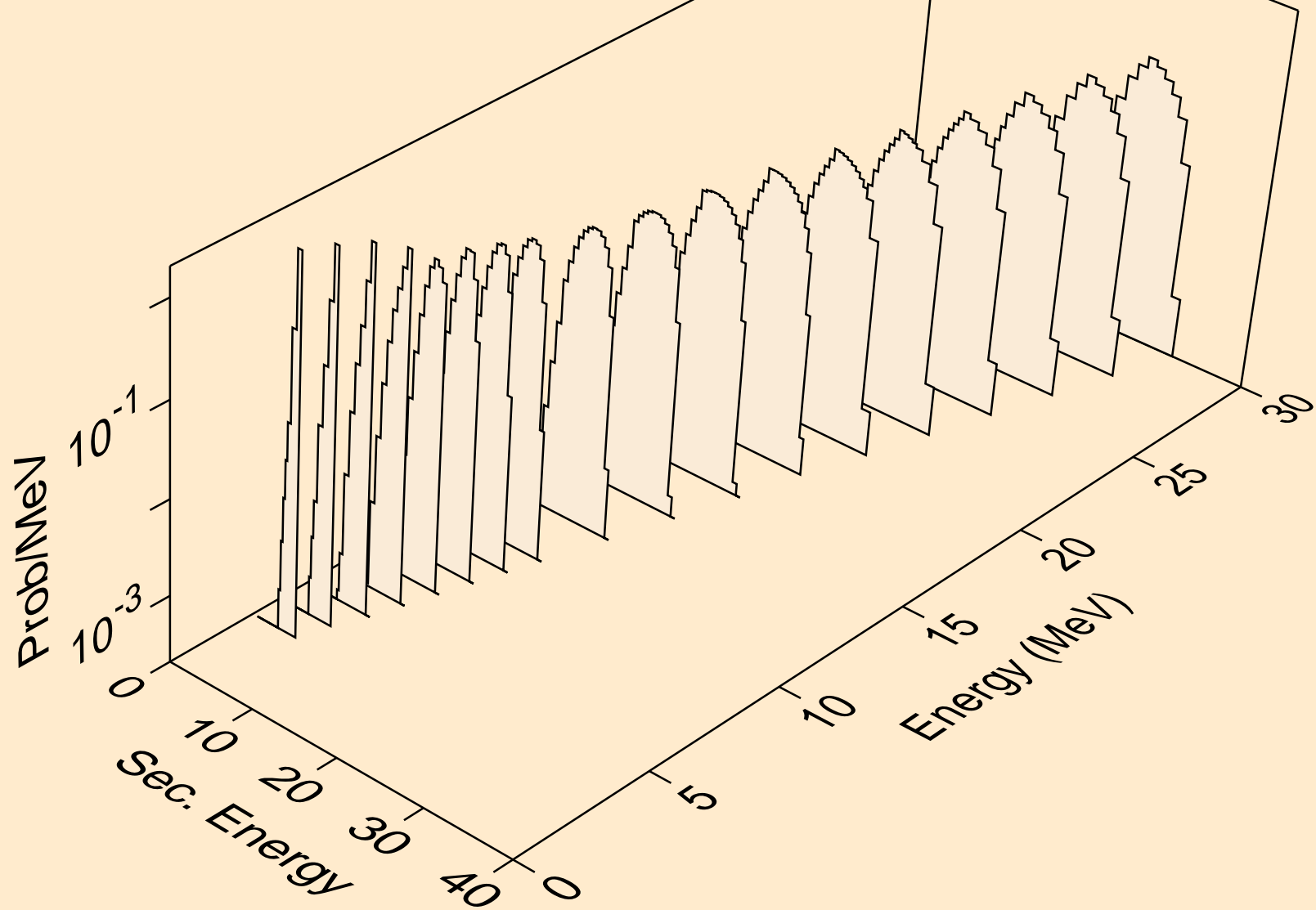
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,2nd)



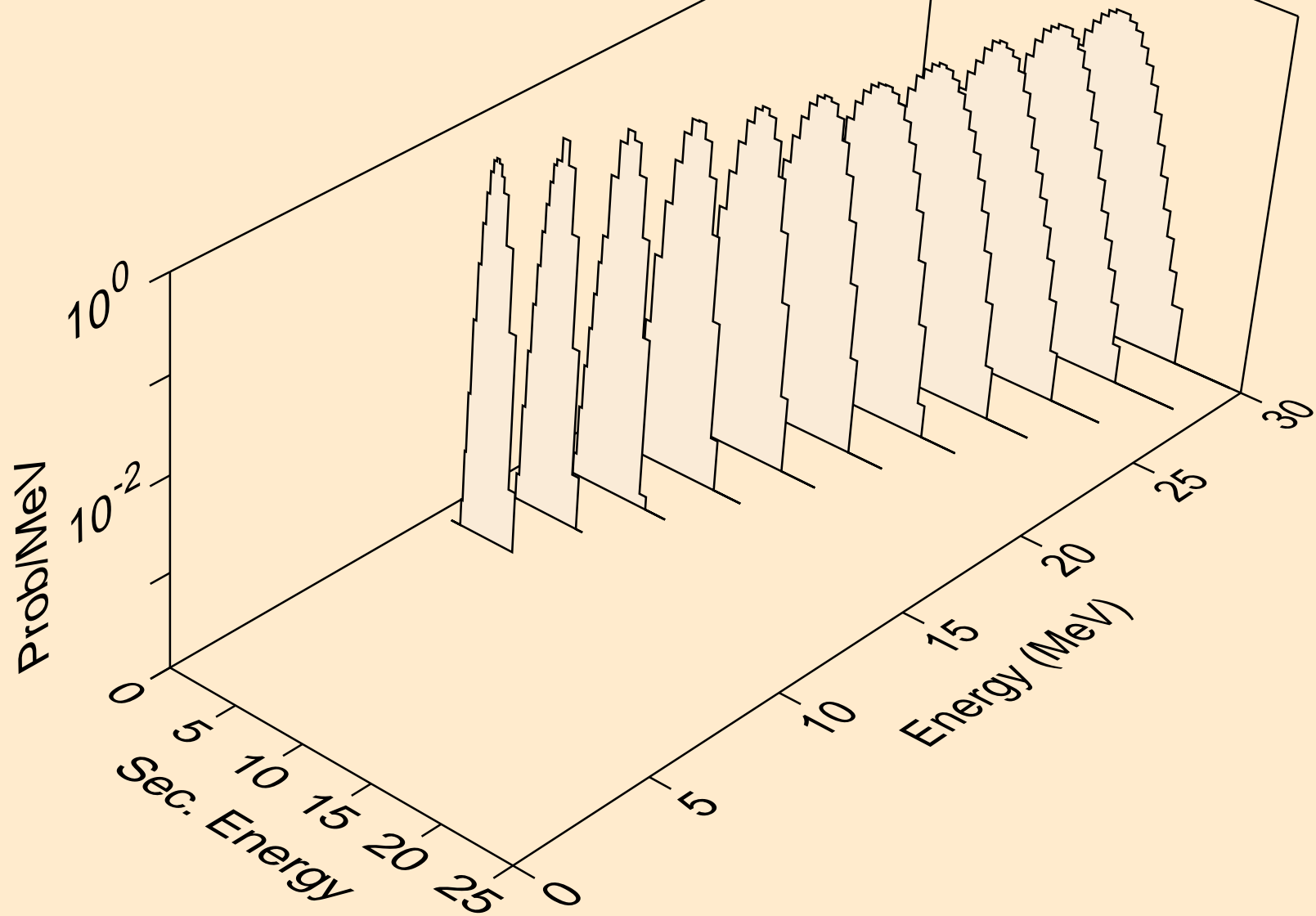
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,n\*)d



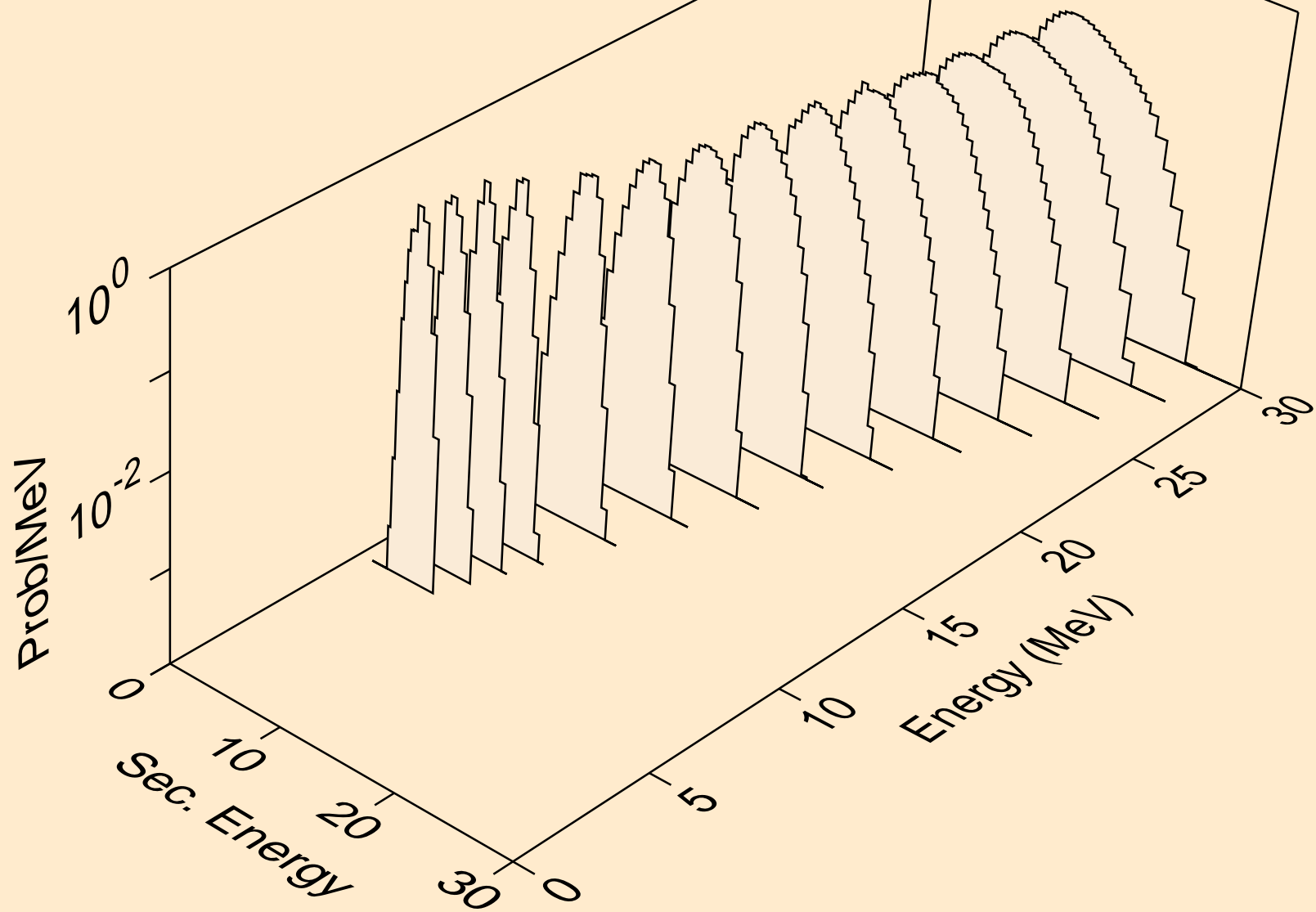
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



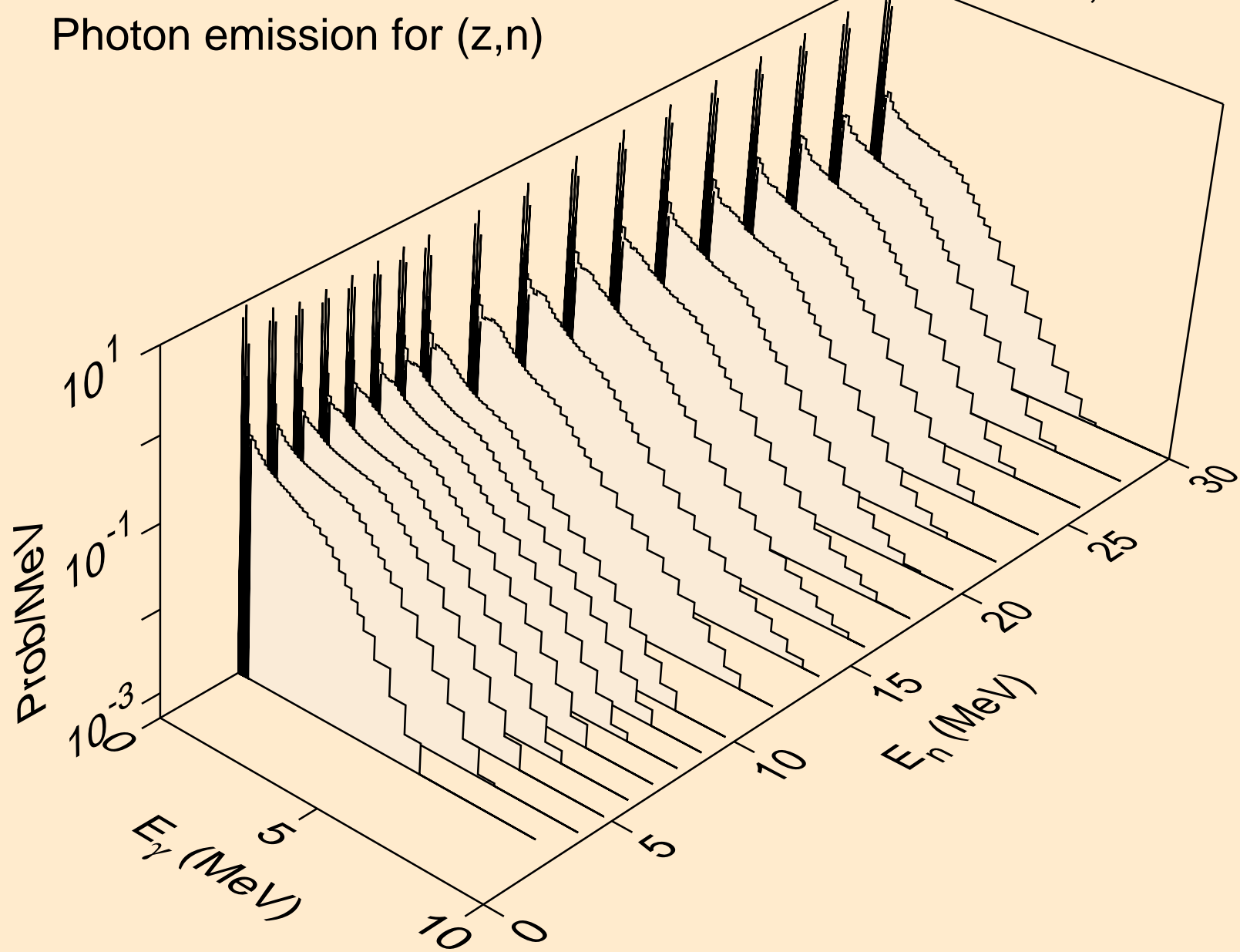
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,da)

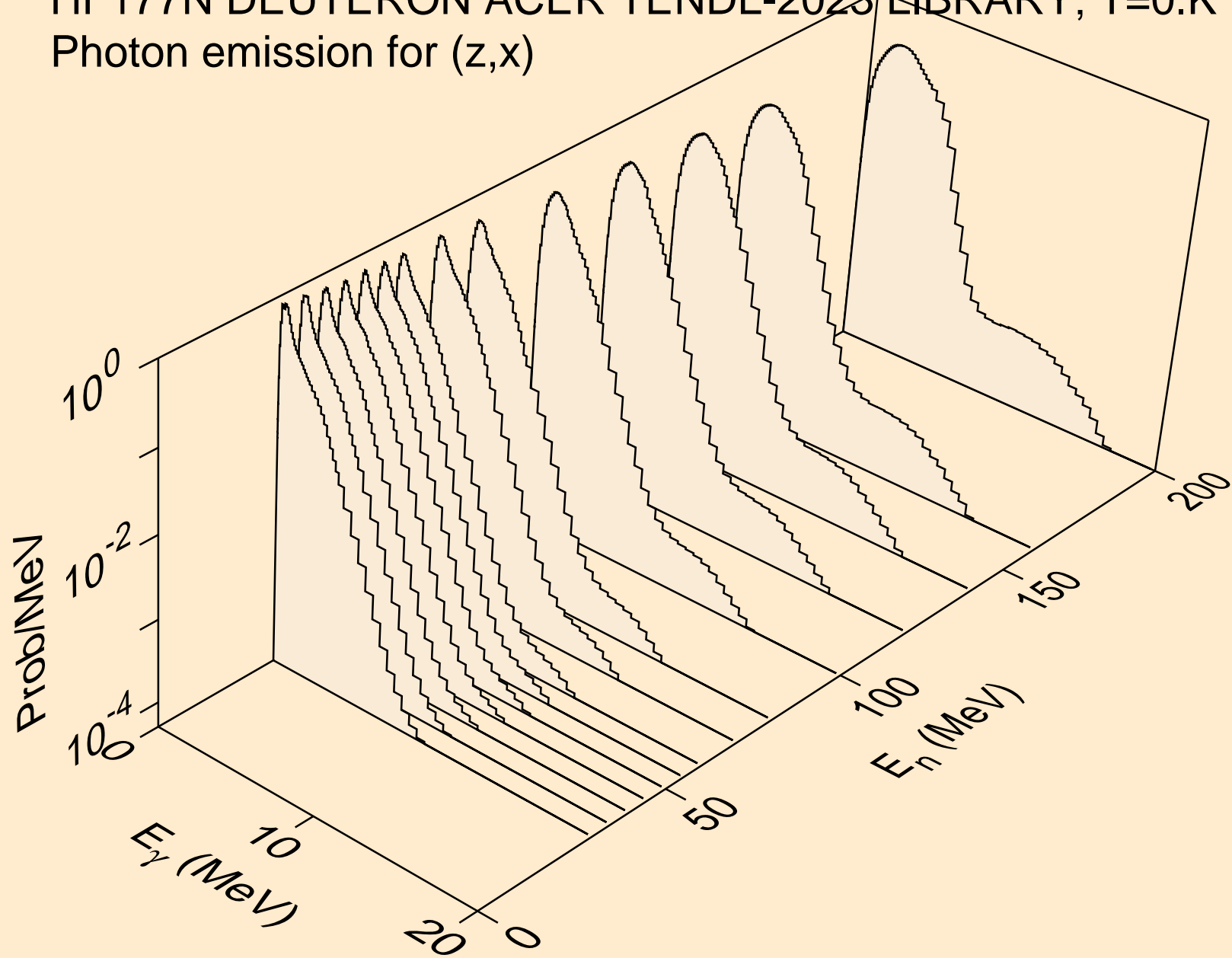


HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

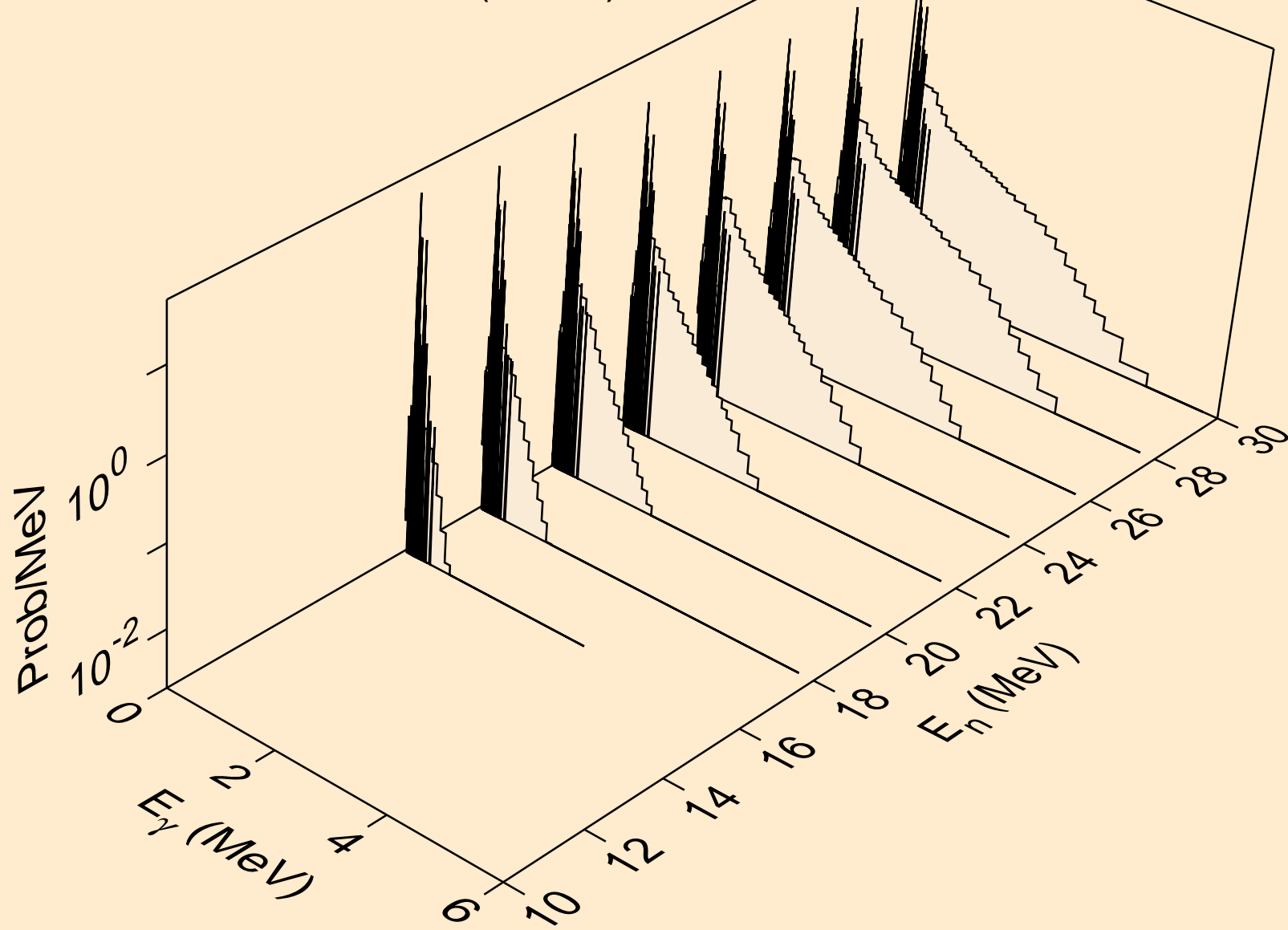




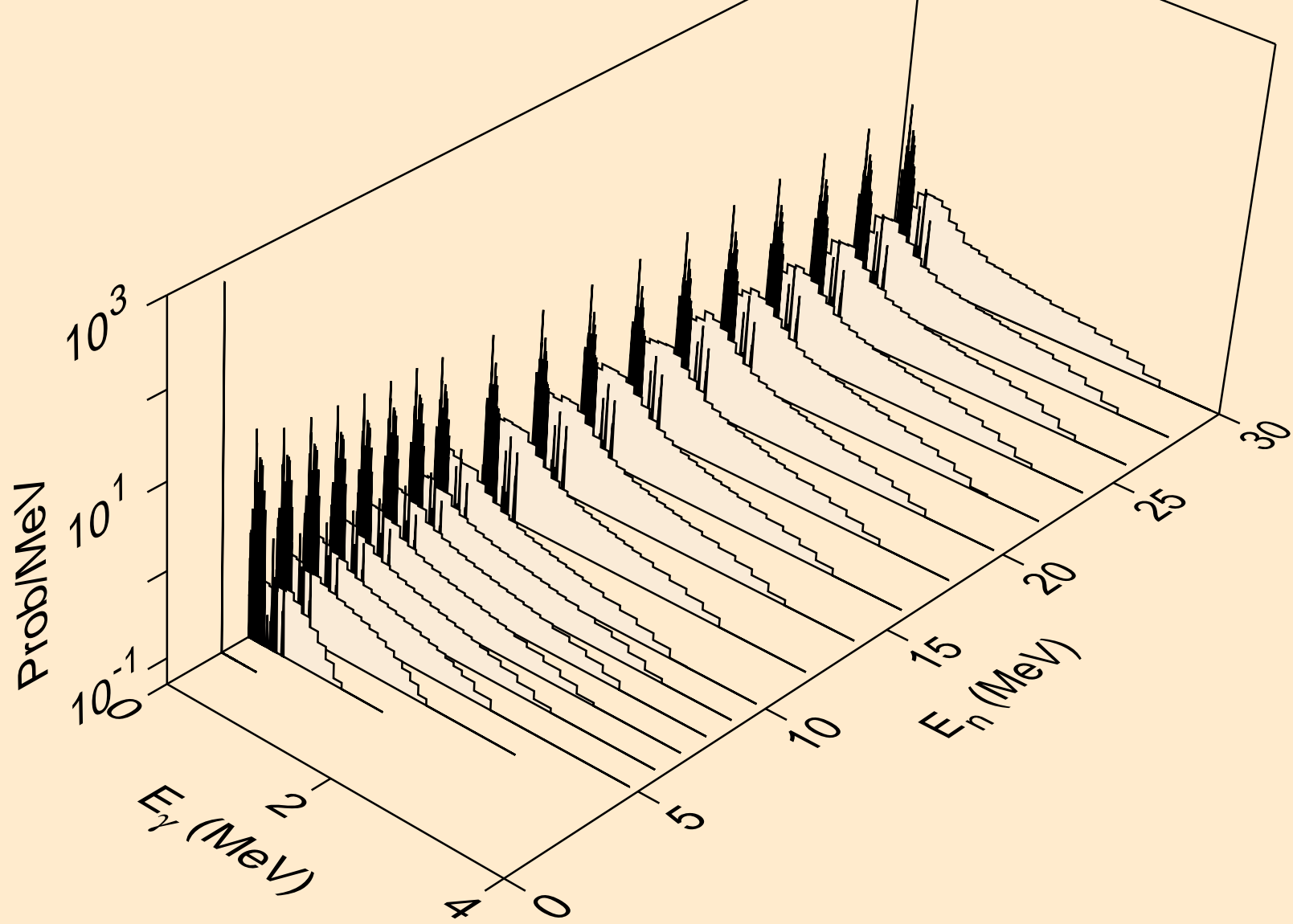
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Photon emission for (z,x)



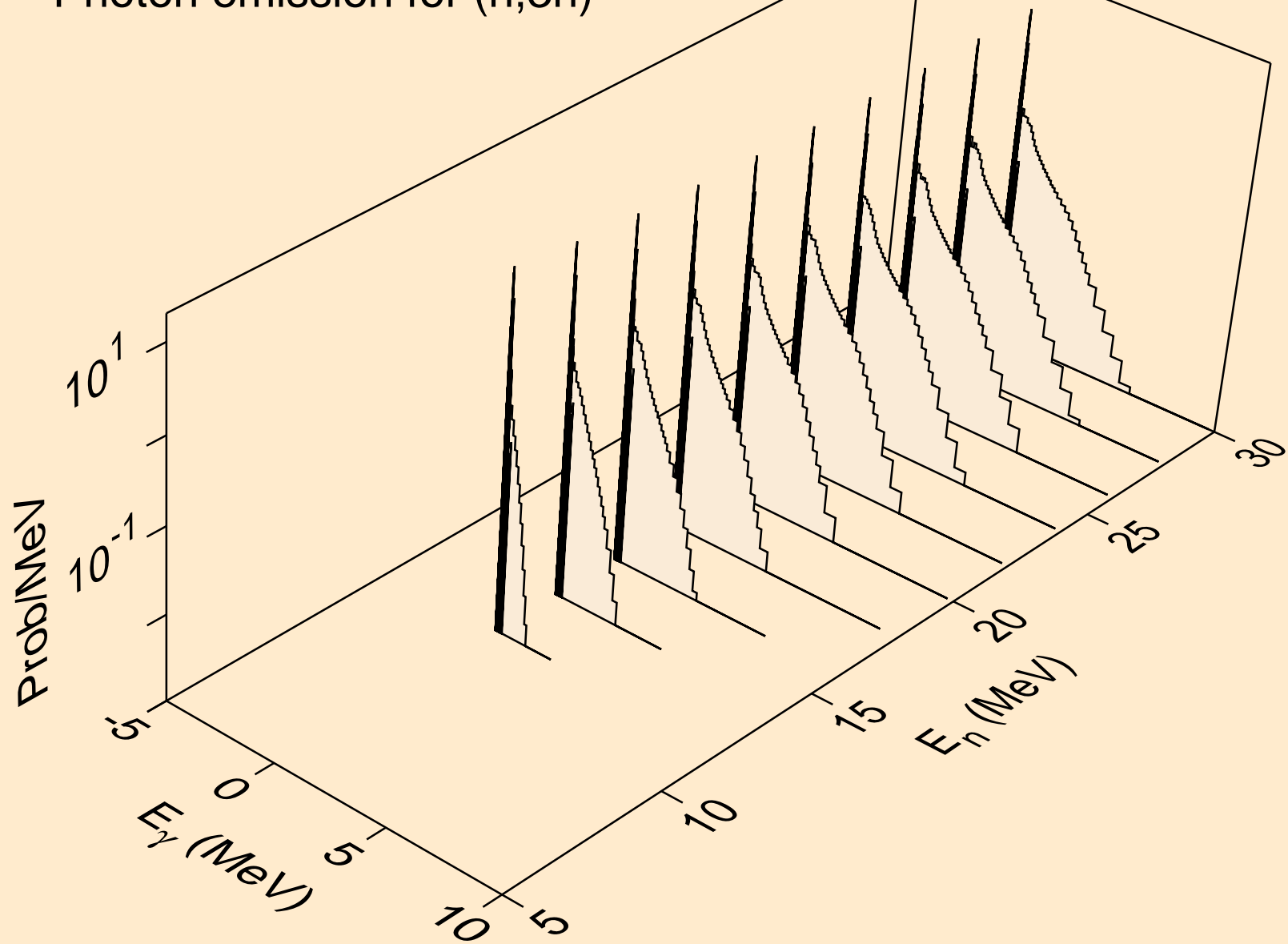
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Photon emission for (n,2nd)



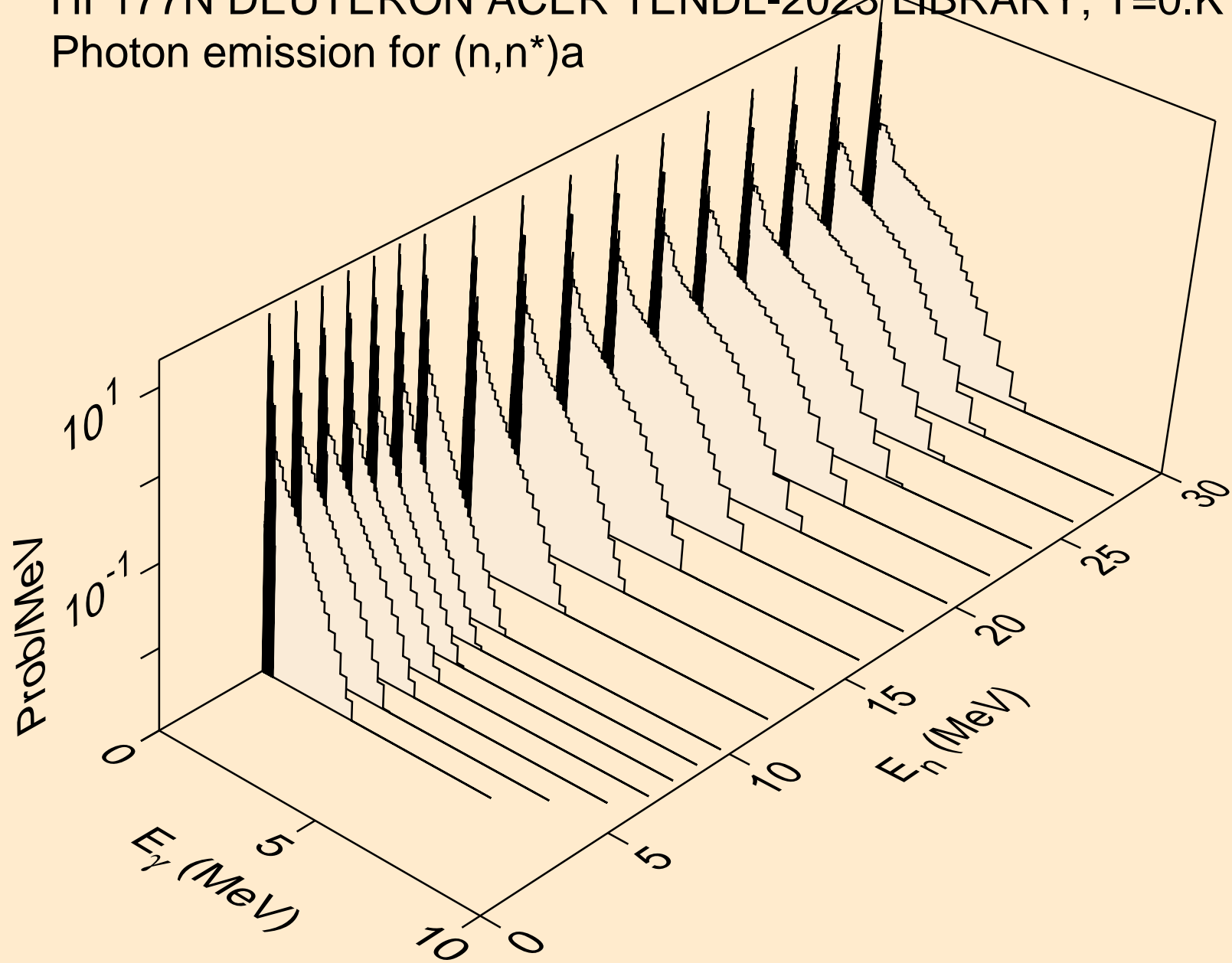
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Photon emission for (n,2n)



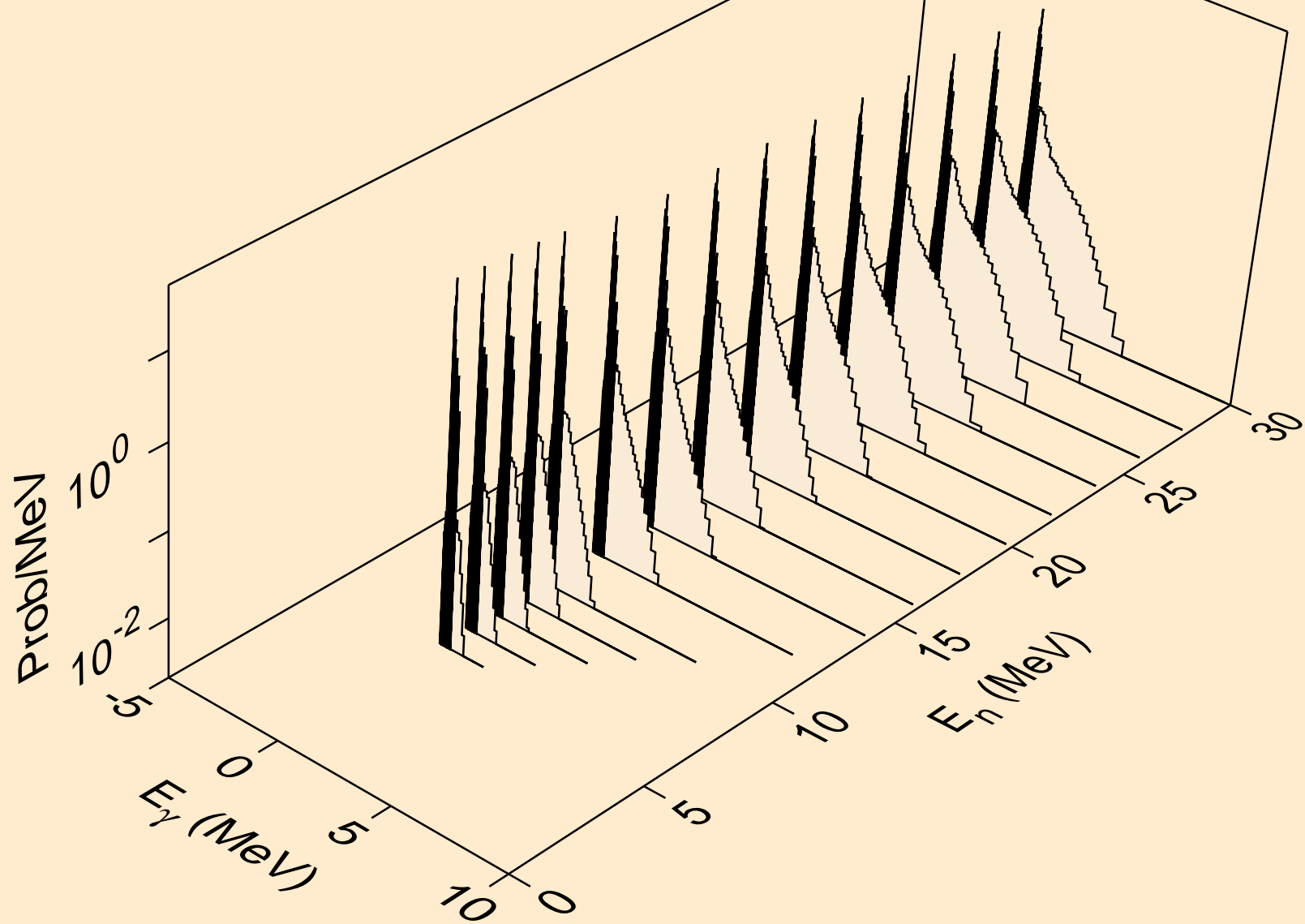
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Photon emission for (n,3n)



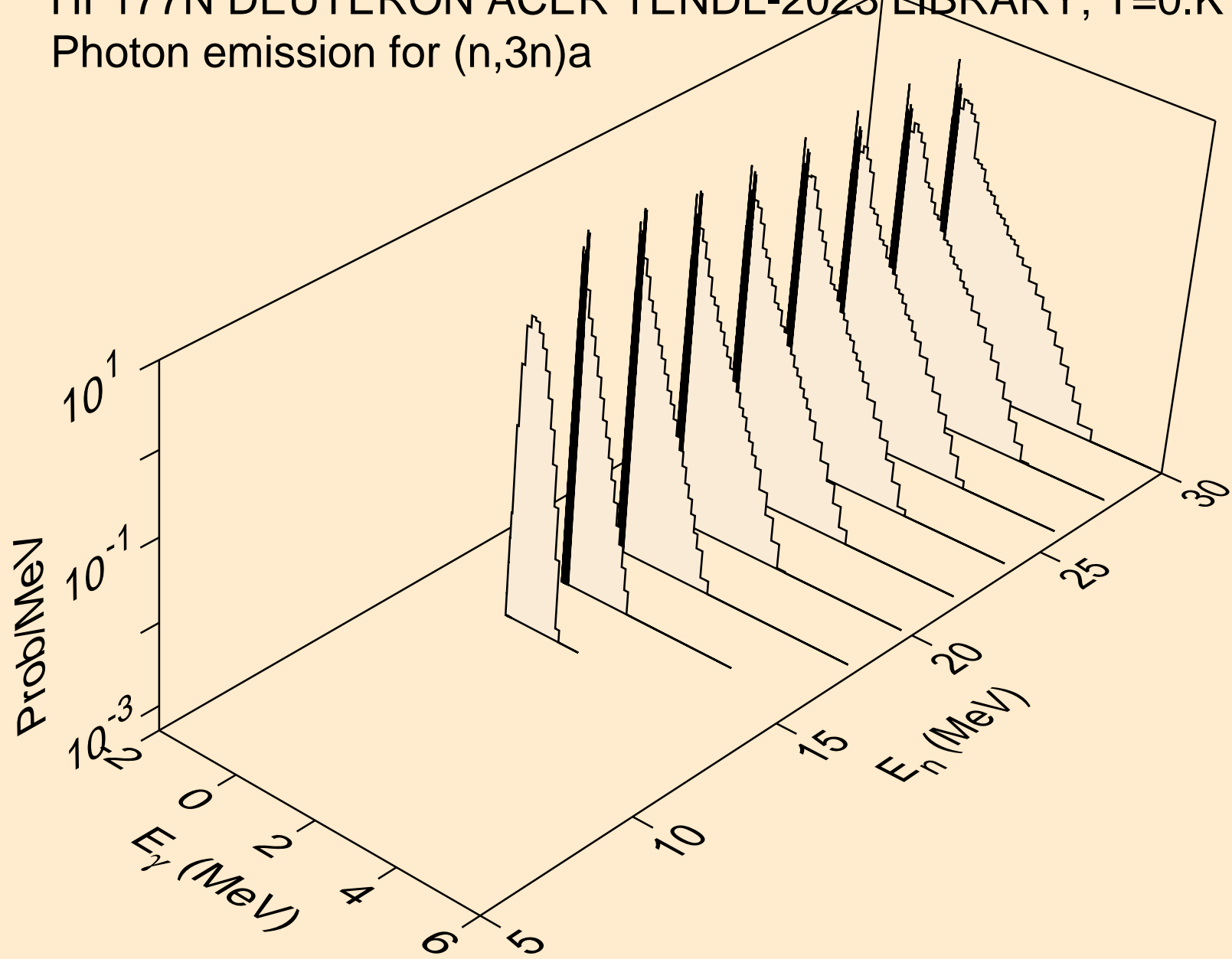
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



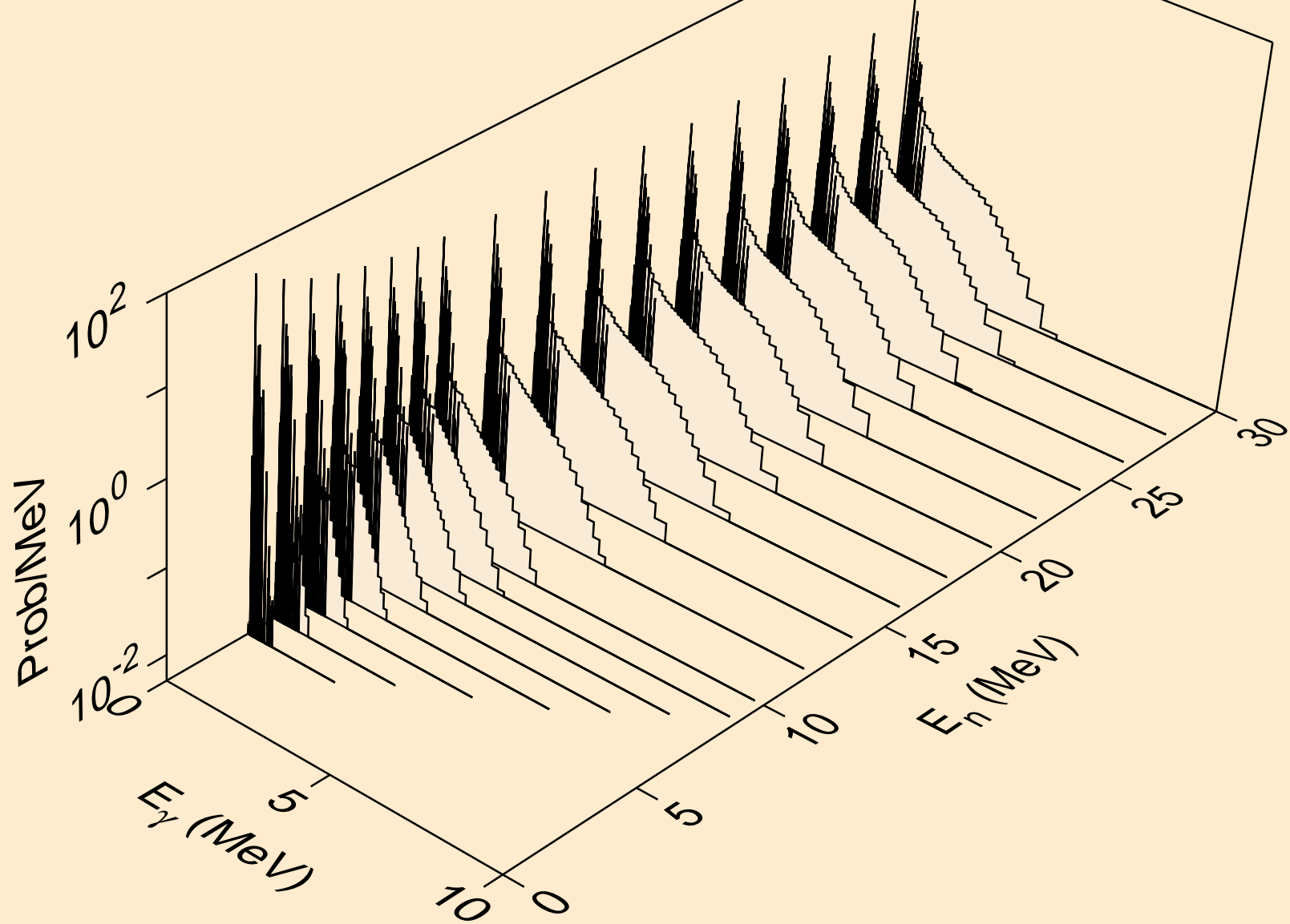
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

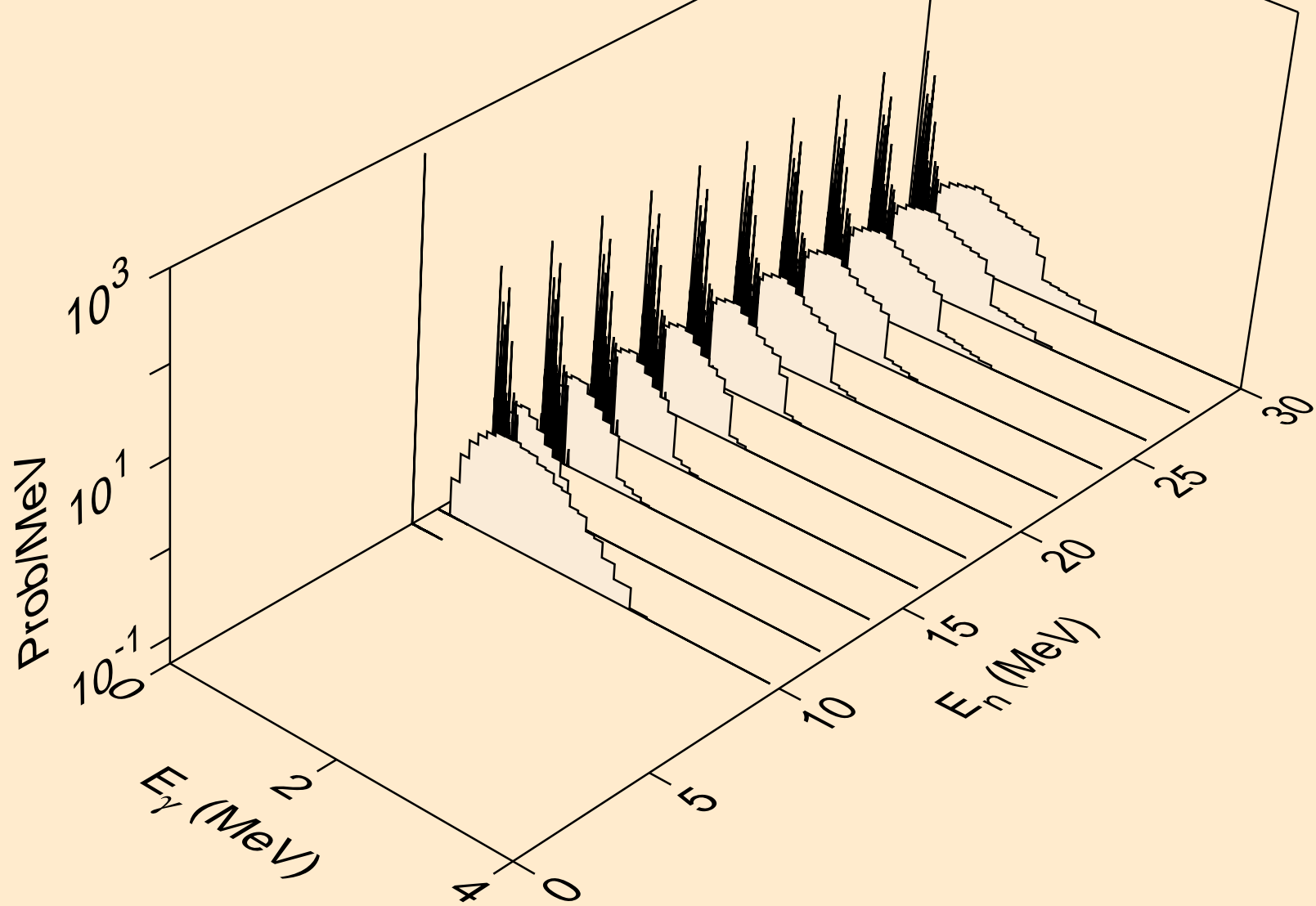


HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

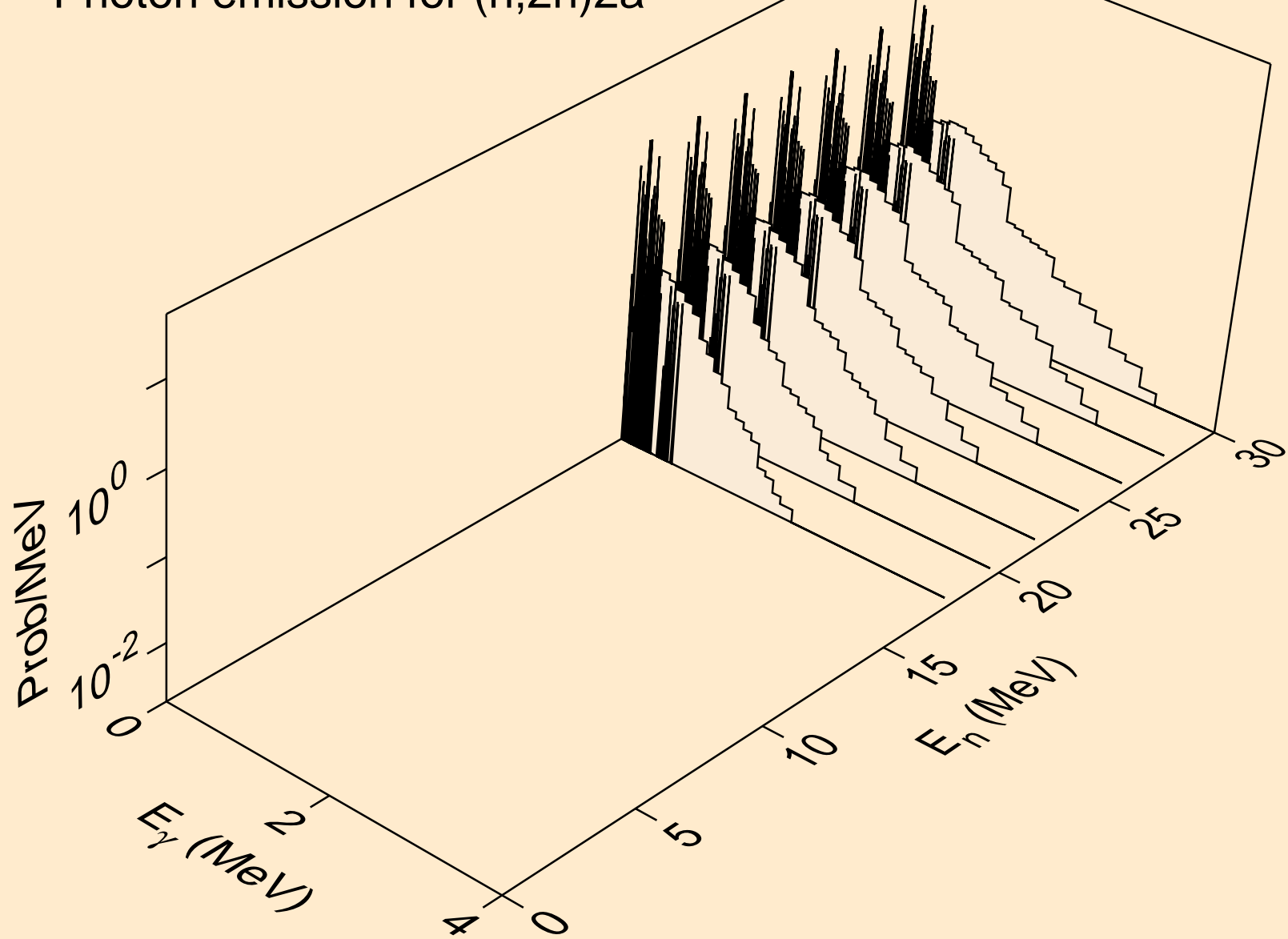




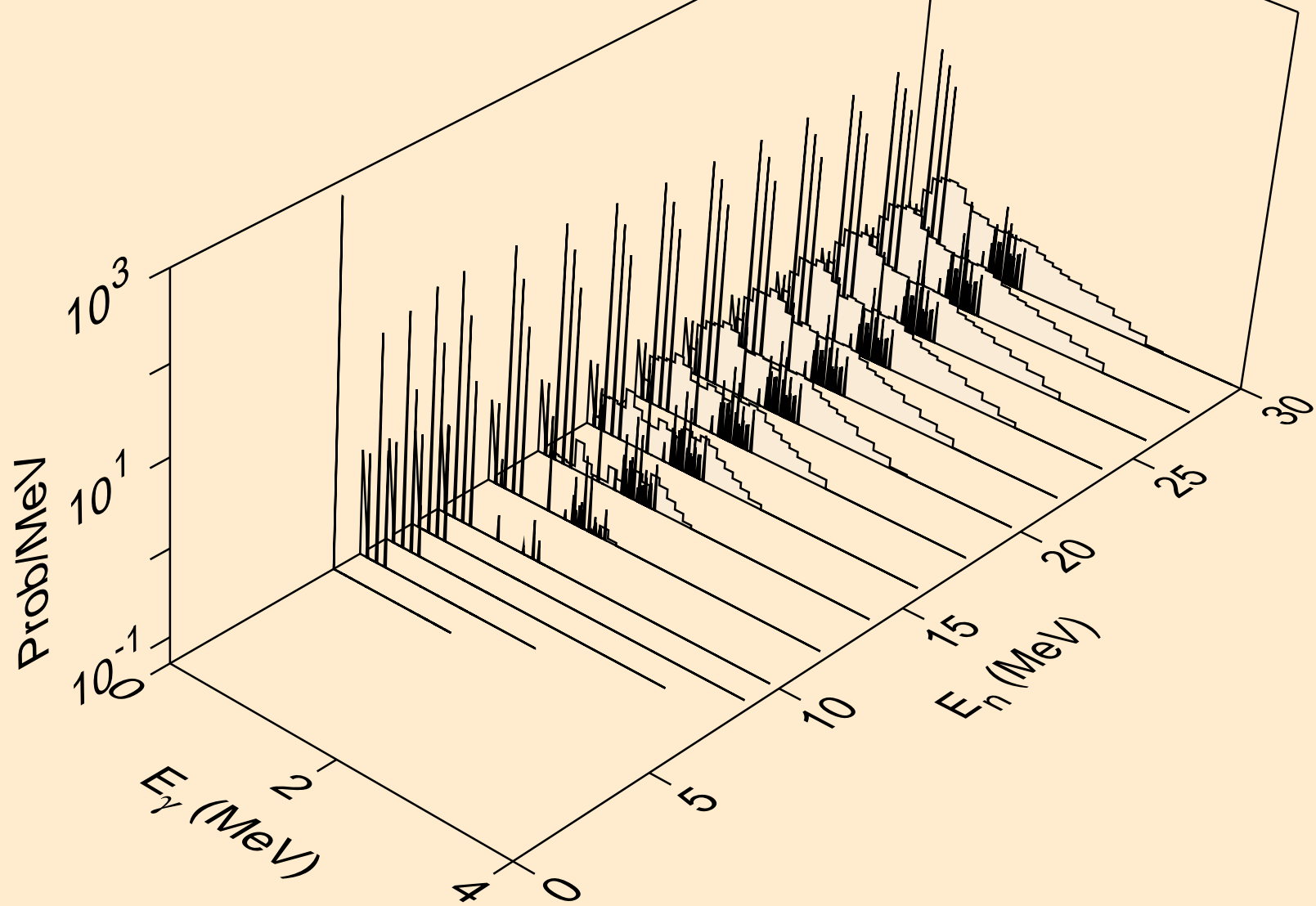
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Photon emission for (n,n\*)2a



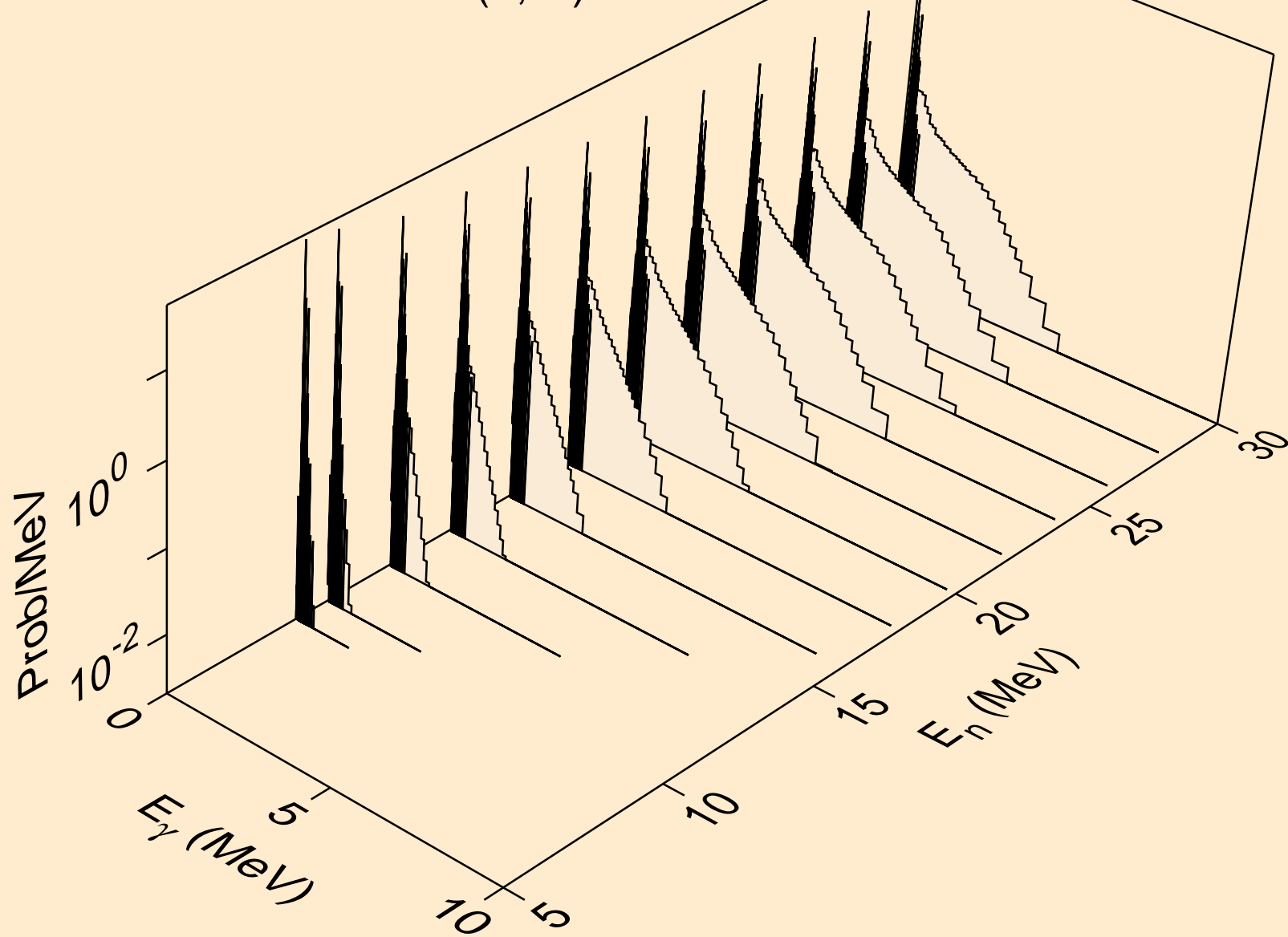
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Photon emission for (n,2n)2a



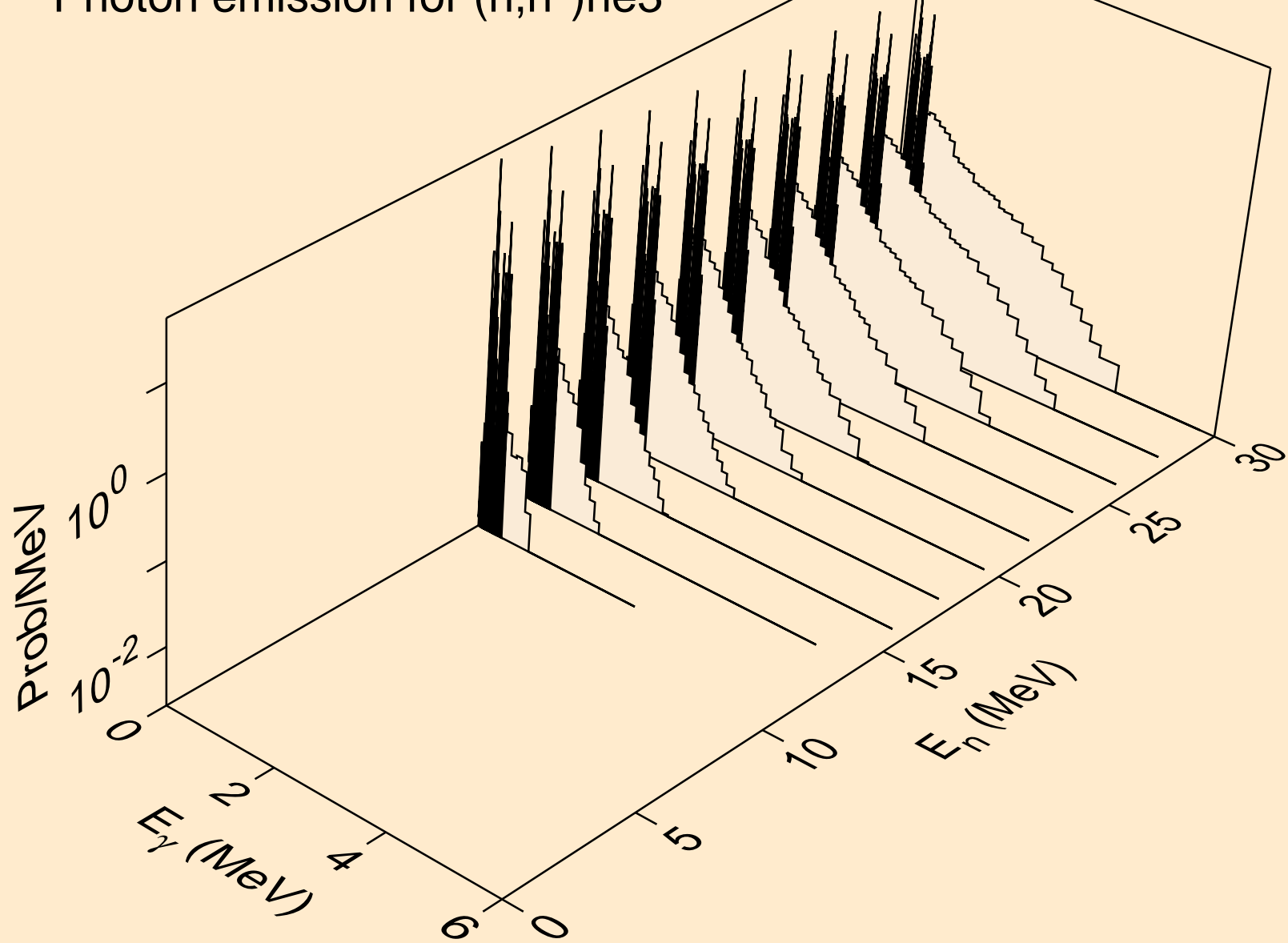
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Photon emission for (n,n\*)d



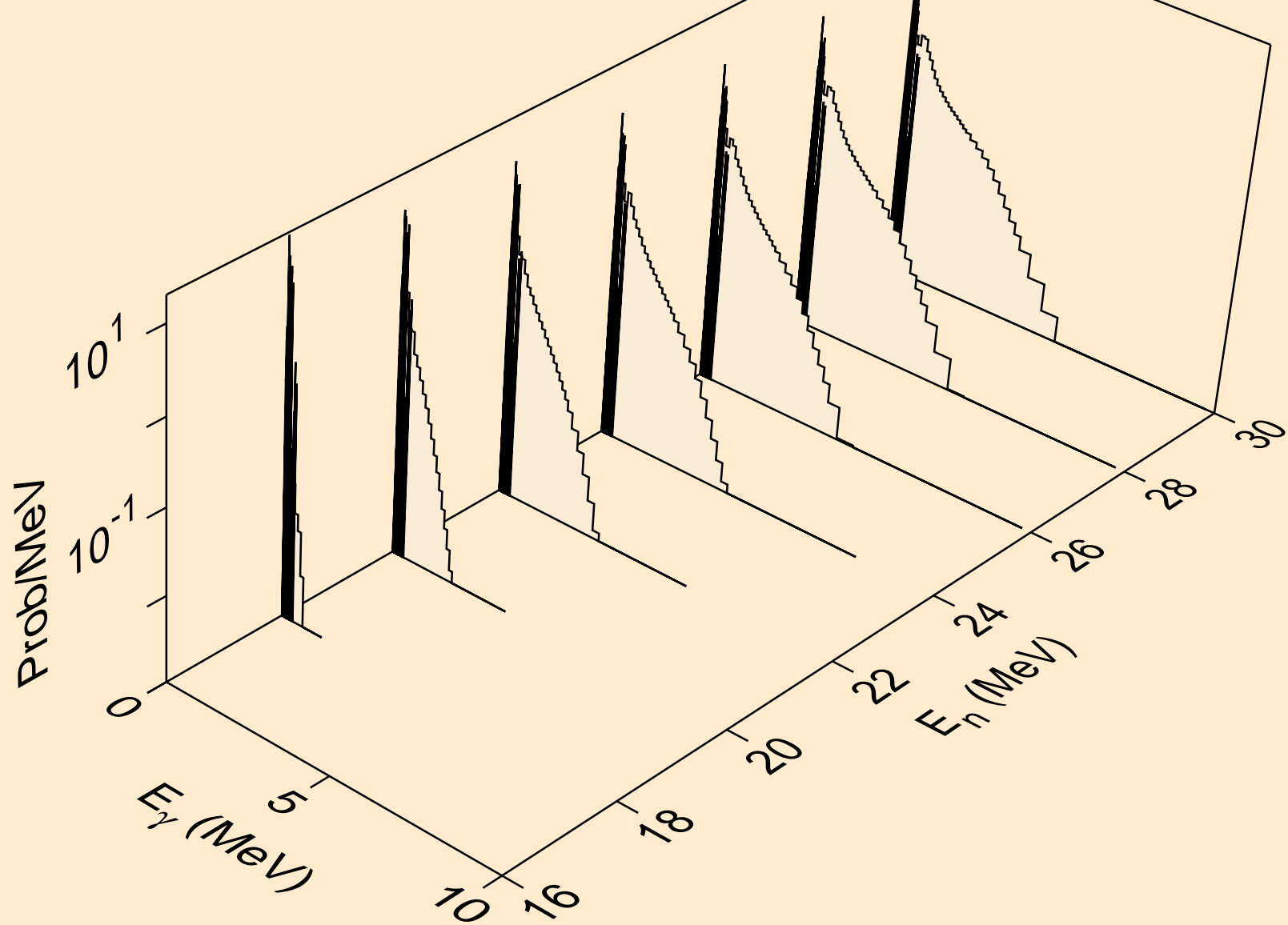
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Photon emission for (n,n\*)t



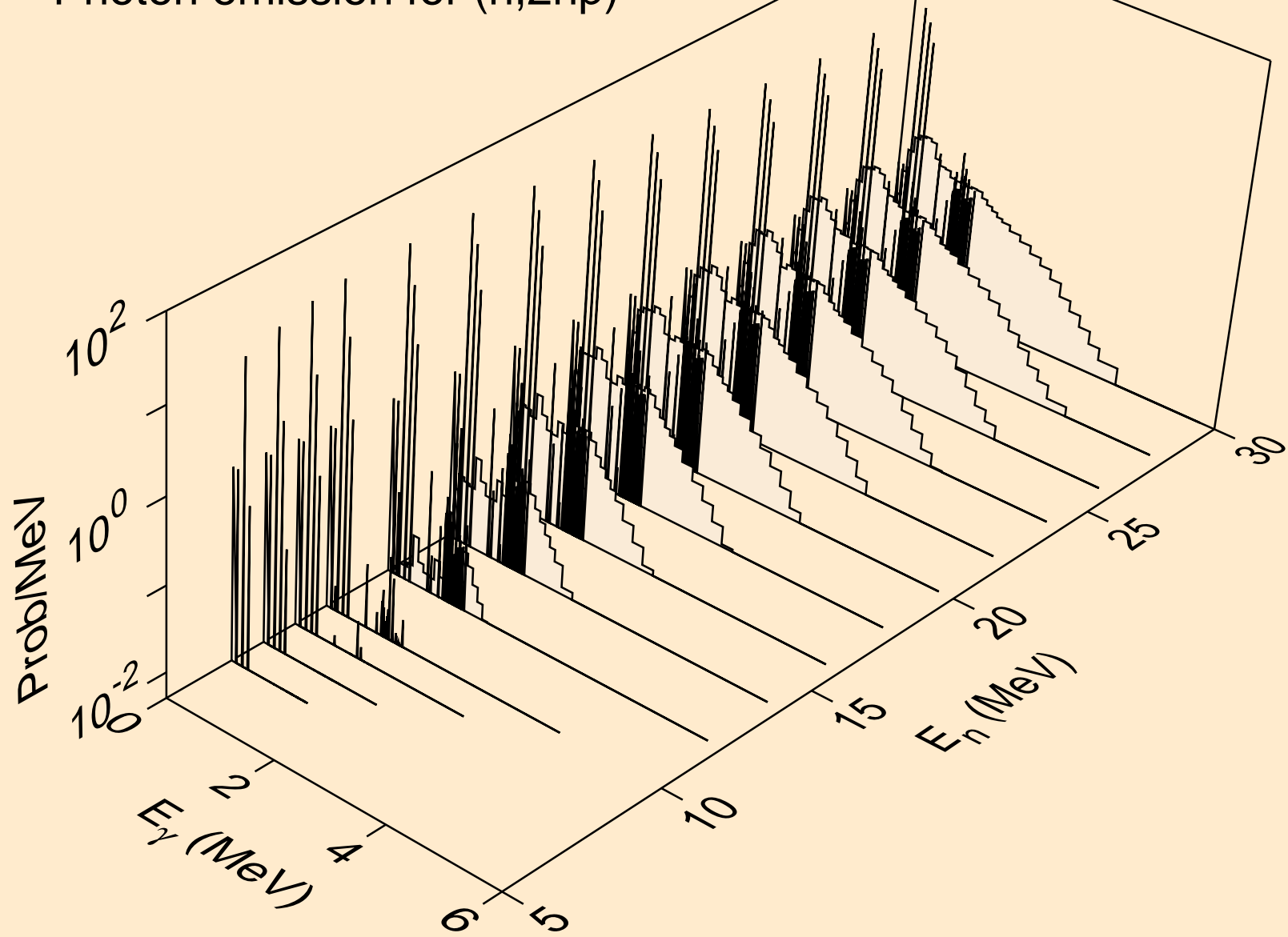
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Photon emission for (n,n\*)he3



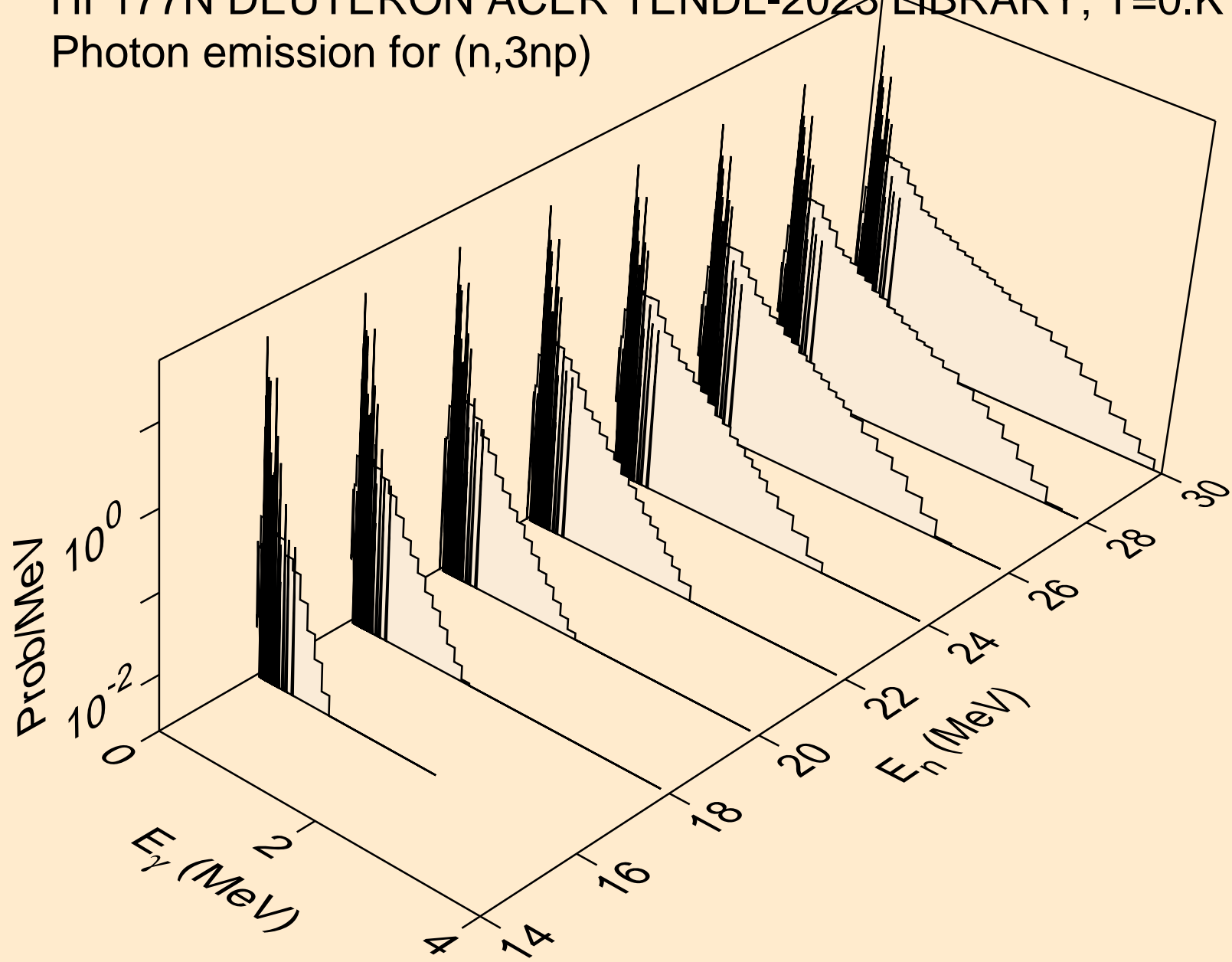
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

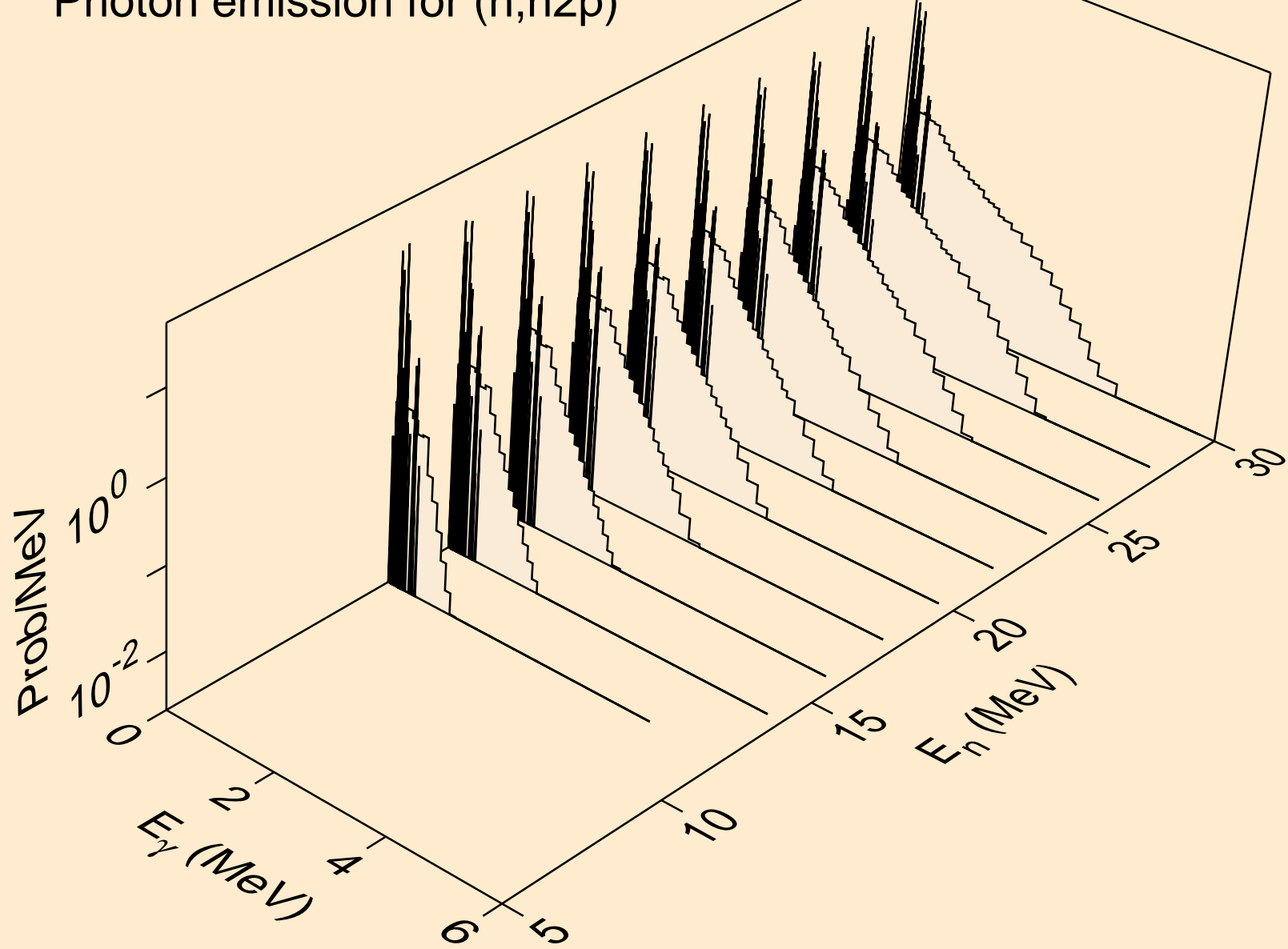


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Photon emission for (n,3np)

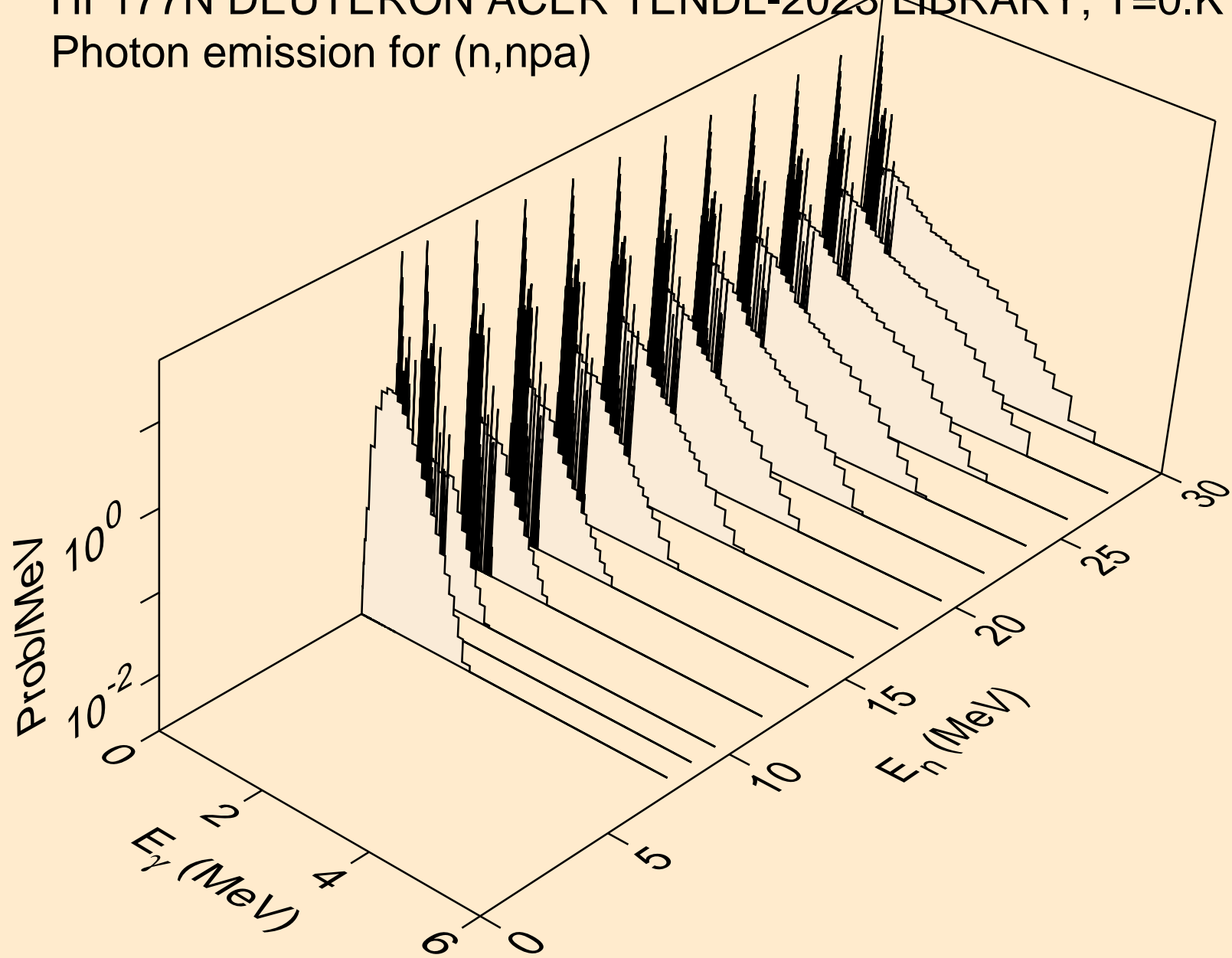




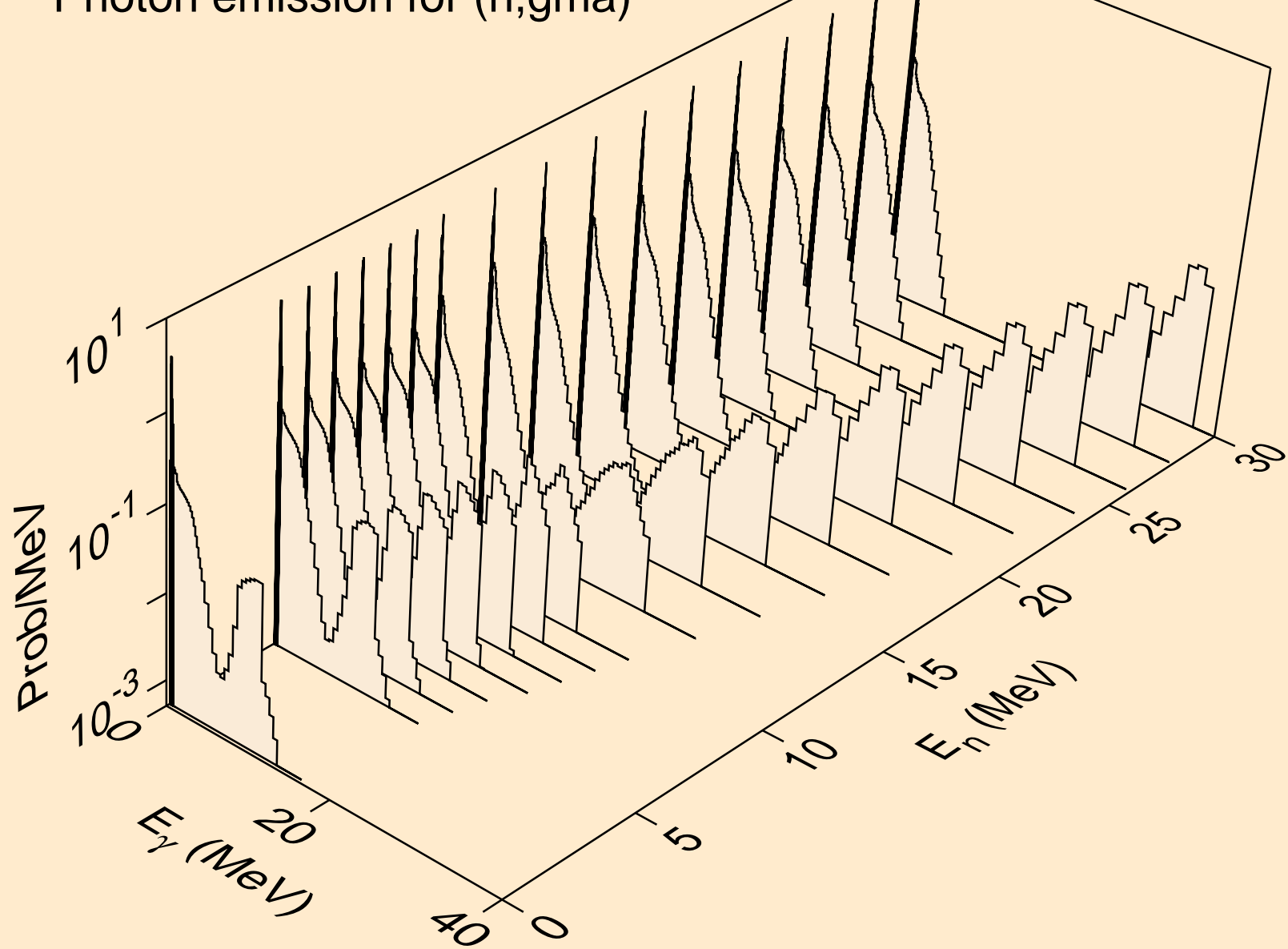
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Photon emission for (n,n2p)



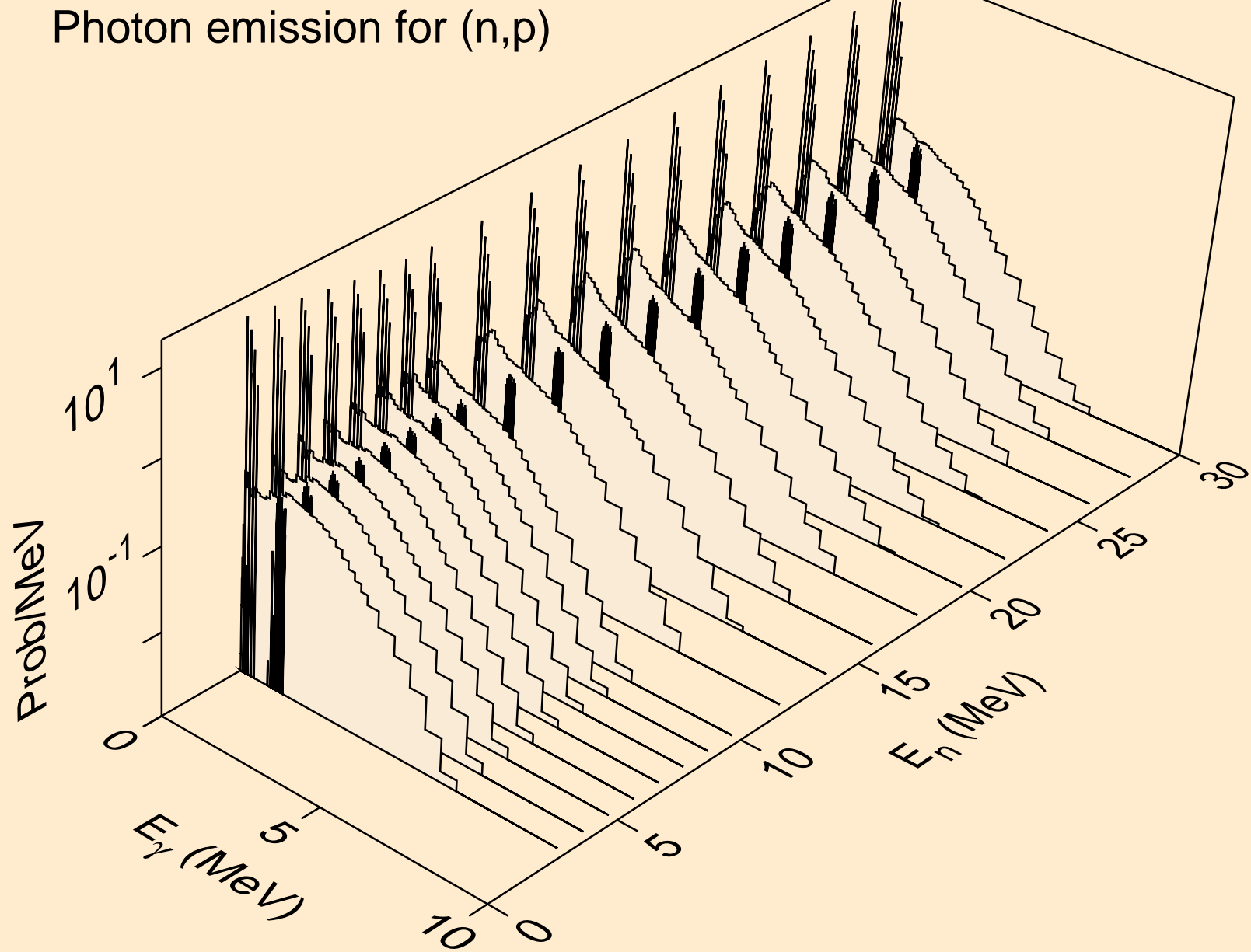
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Photon emission for (n,npa)



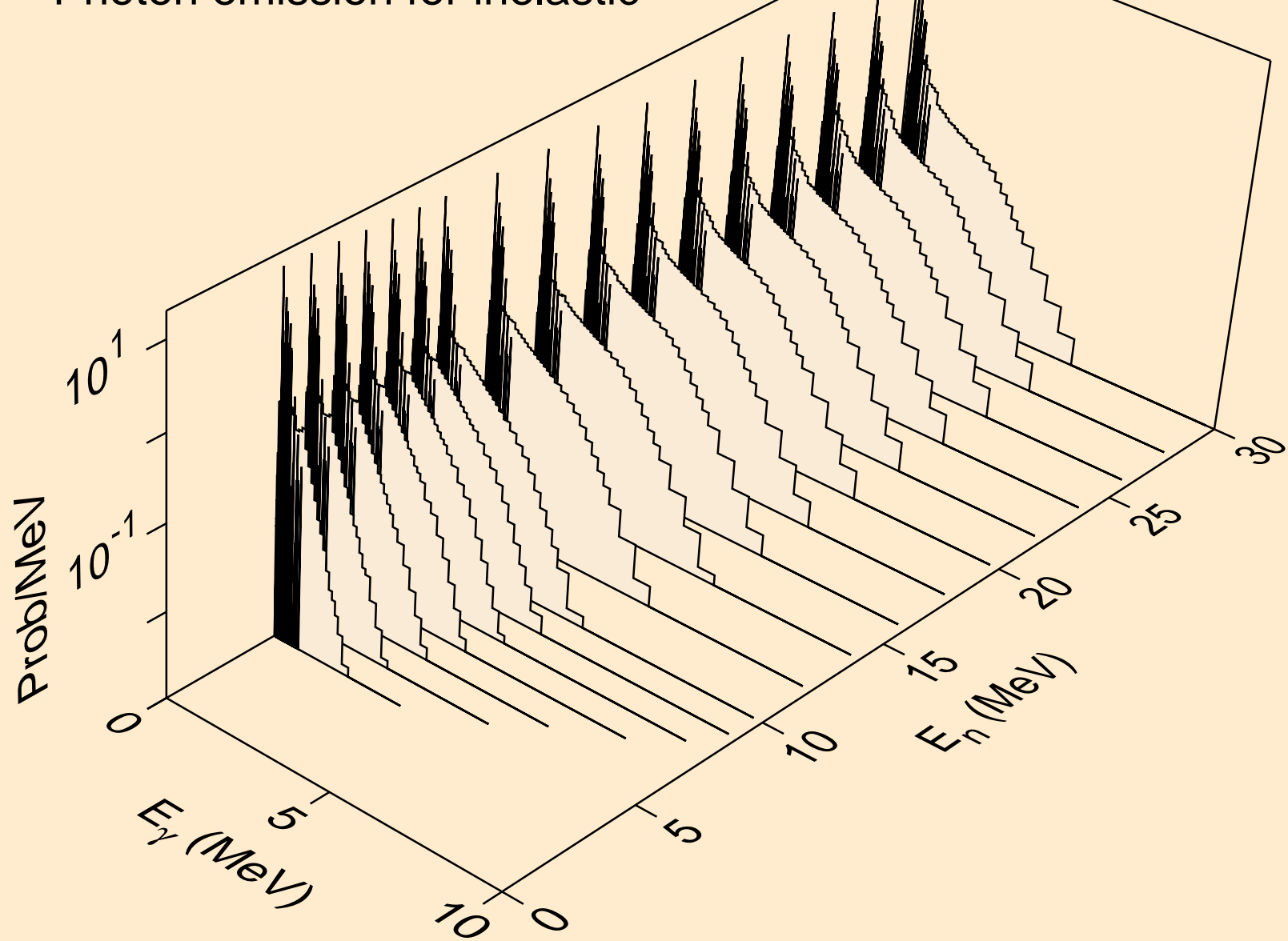
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Photon emission for (n,gma)



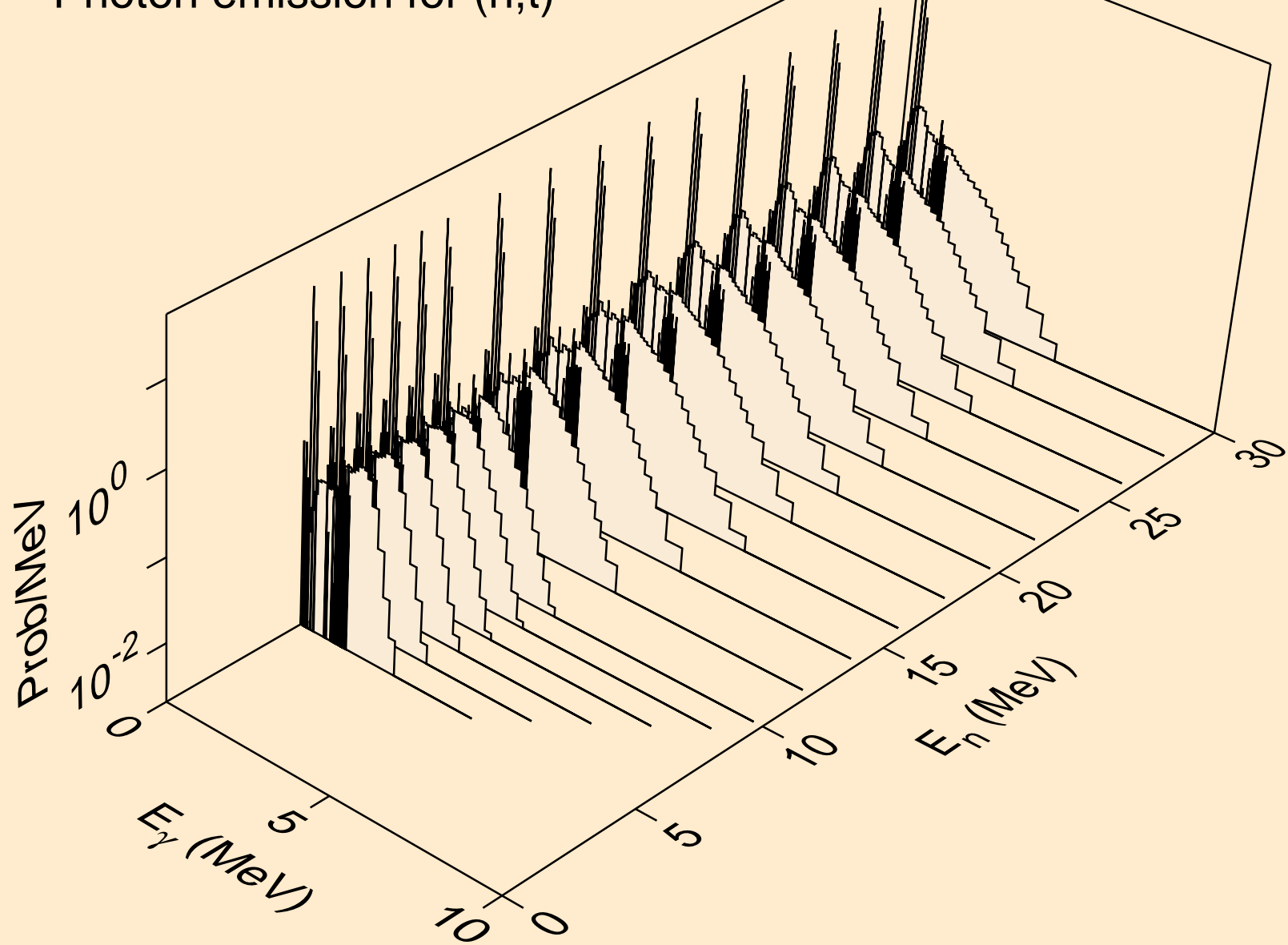
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Photon emission for (n,p)



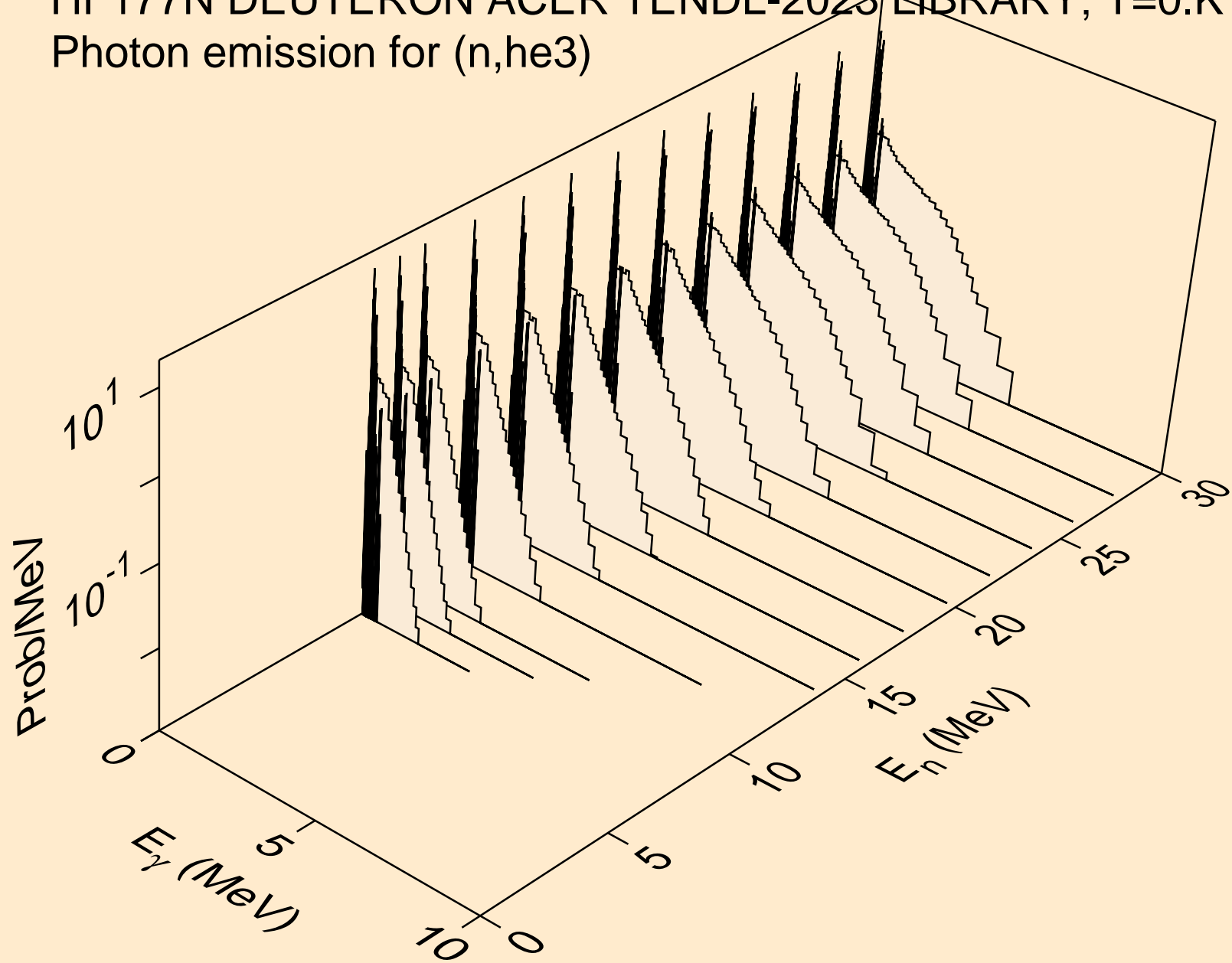
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



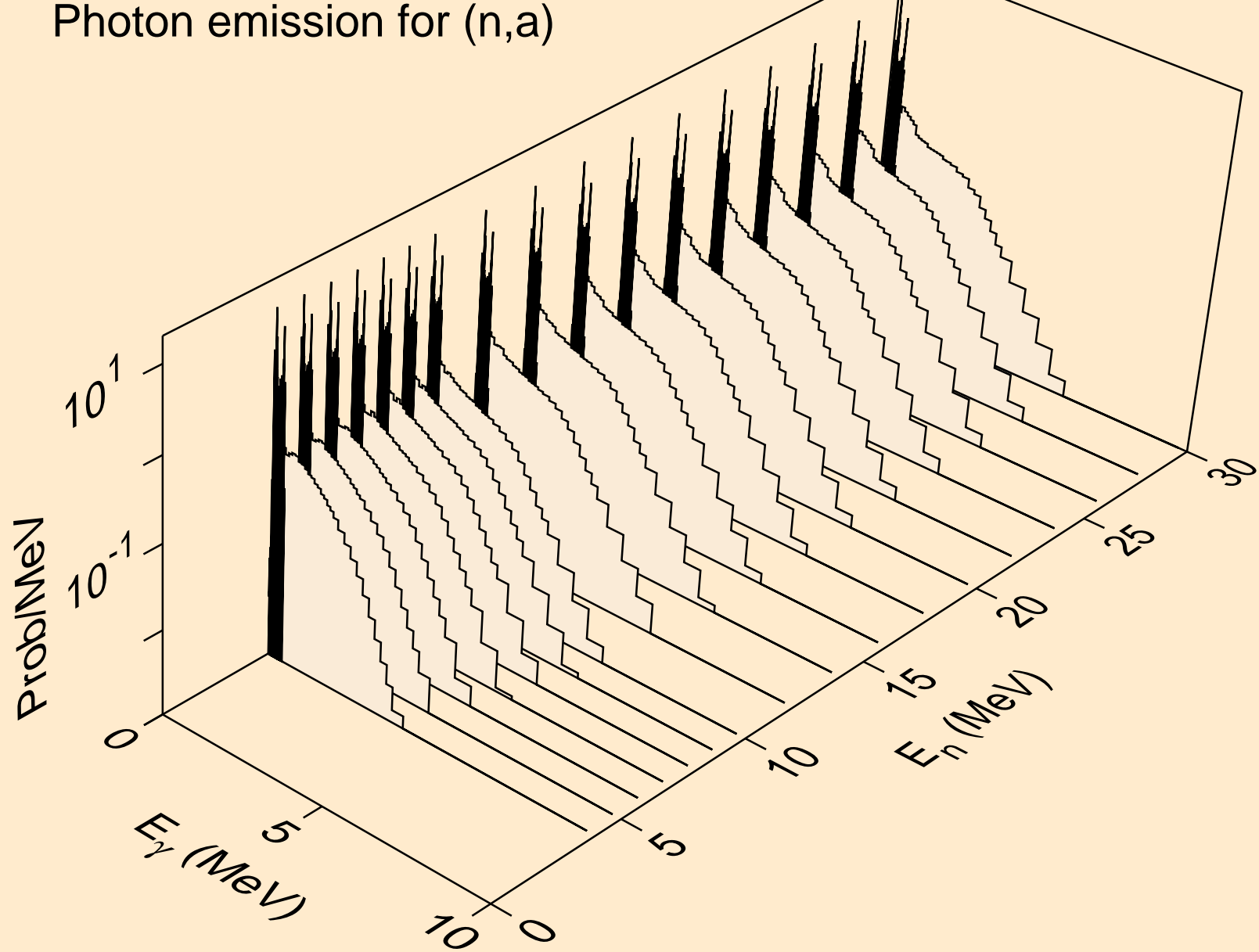
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

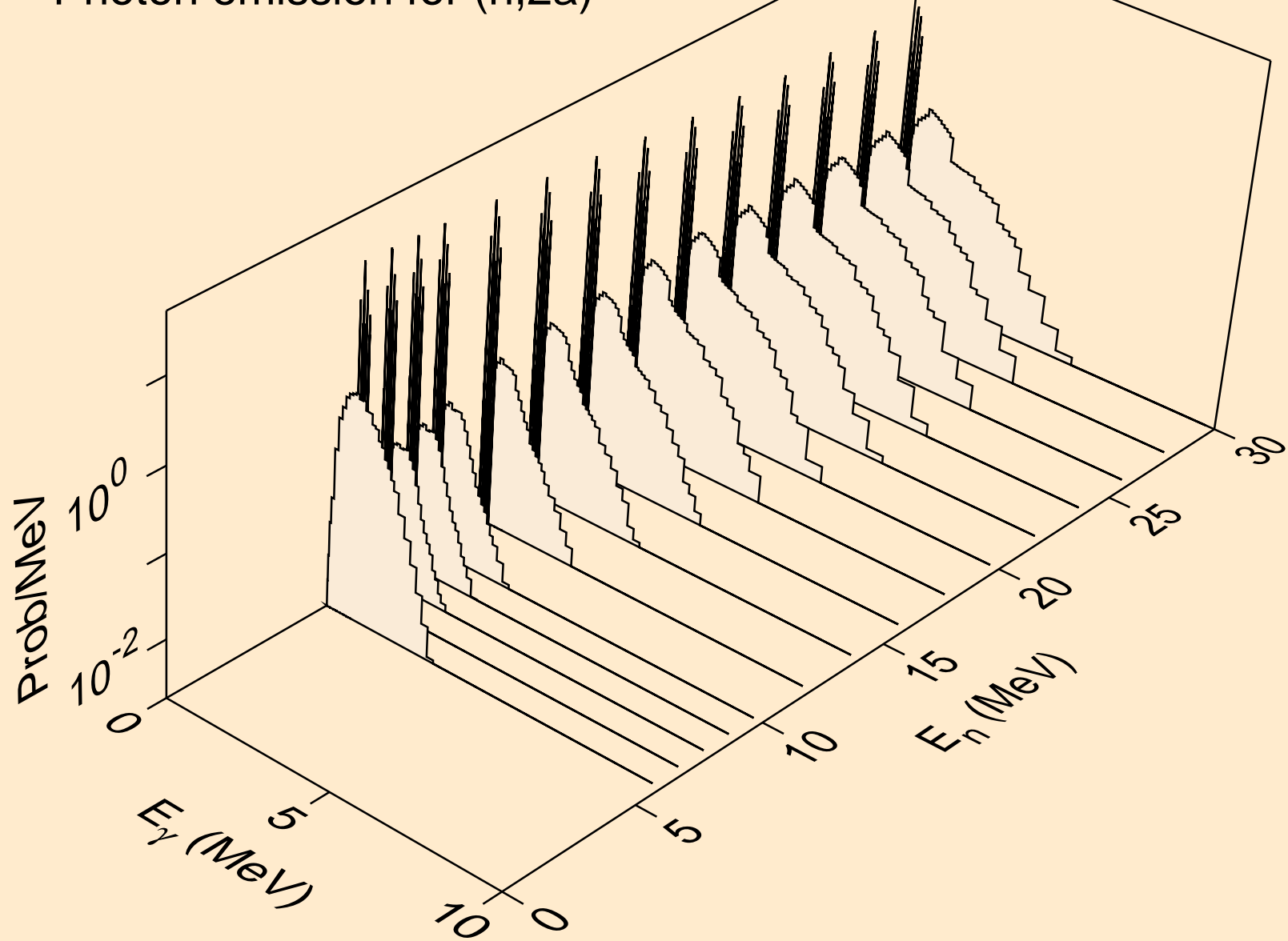


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Photon emission for (n,a)

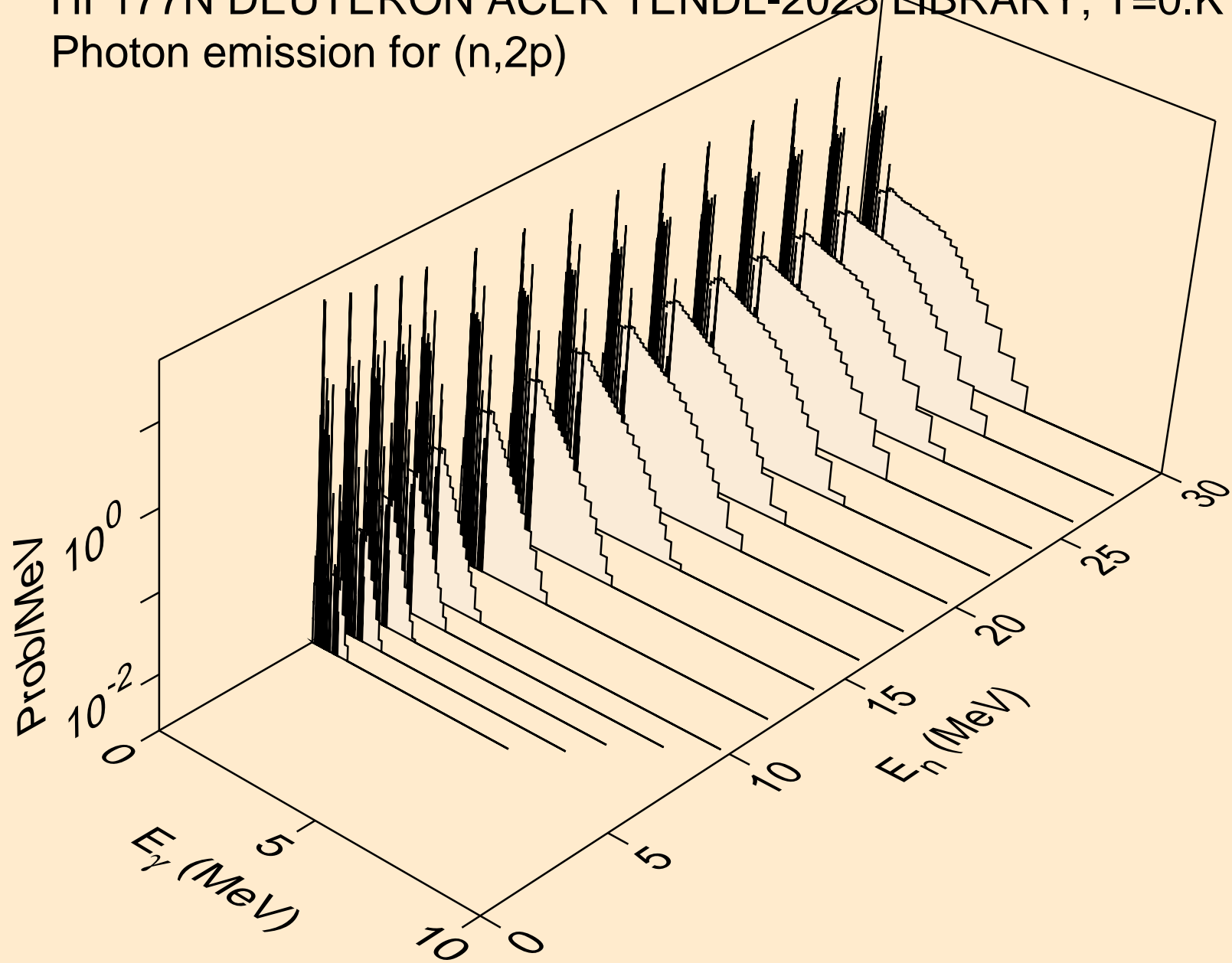




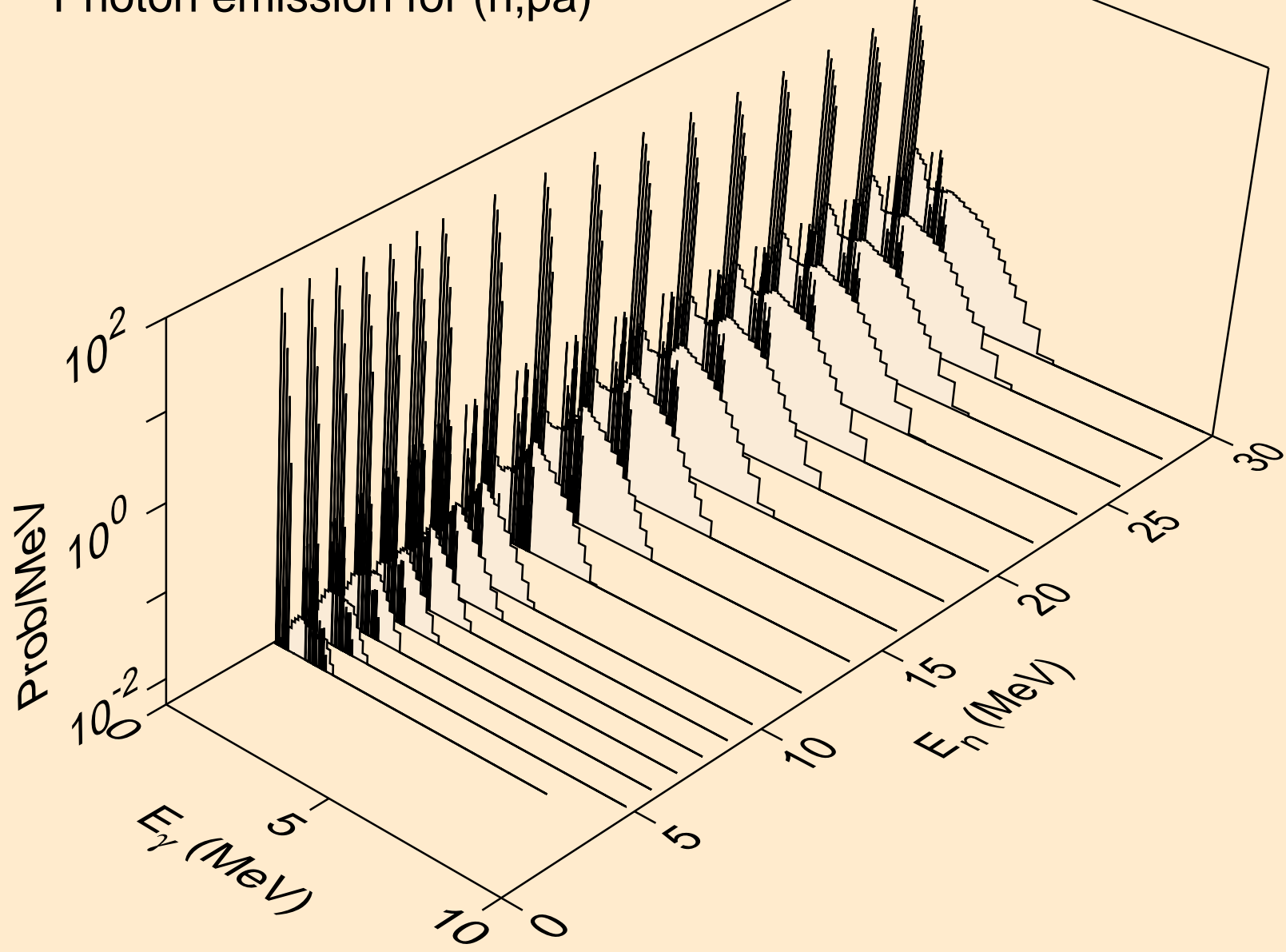
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Photon emission for (n,2a)



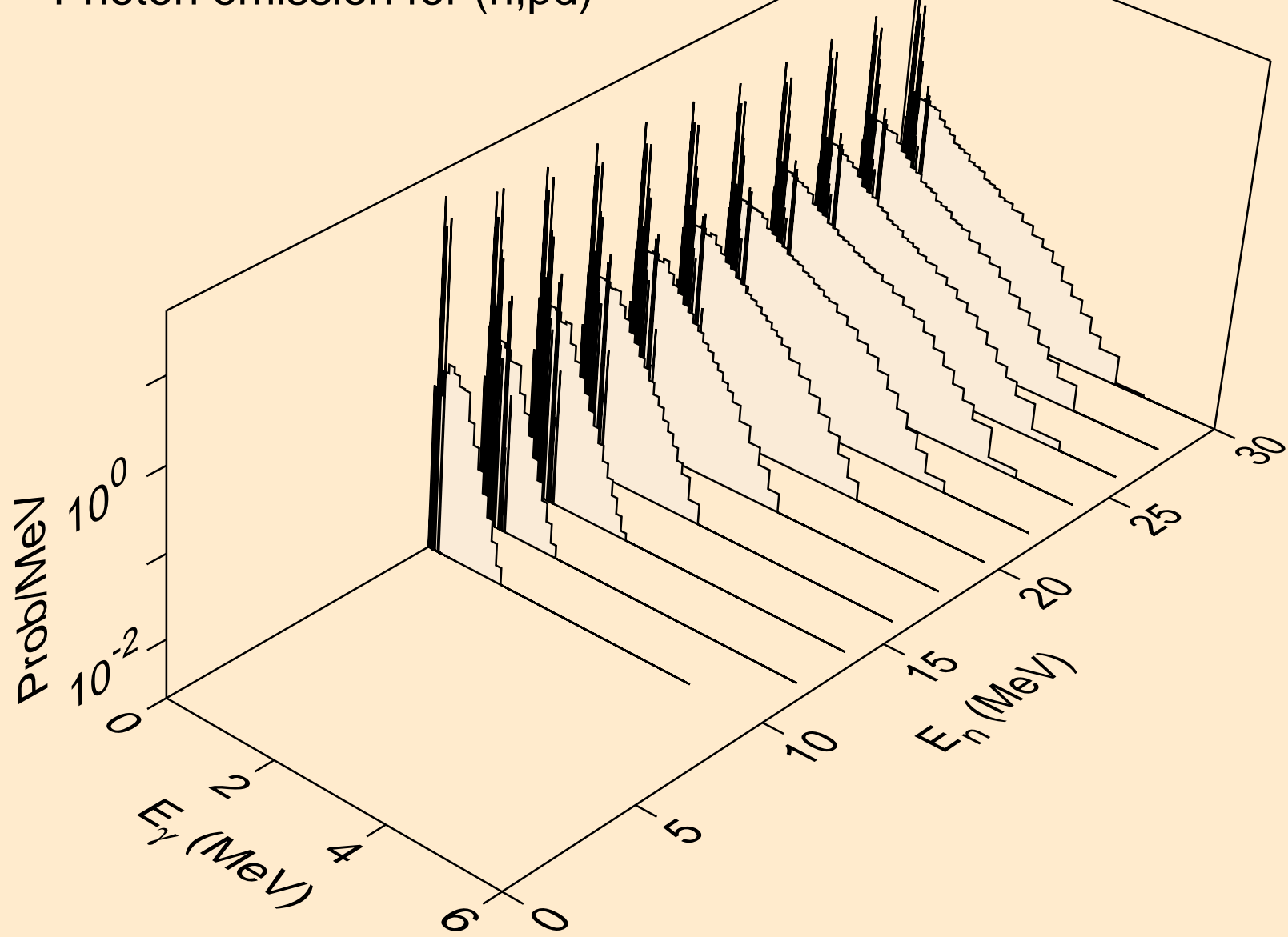
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Photon emission for (n,2p)



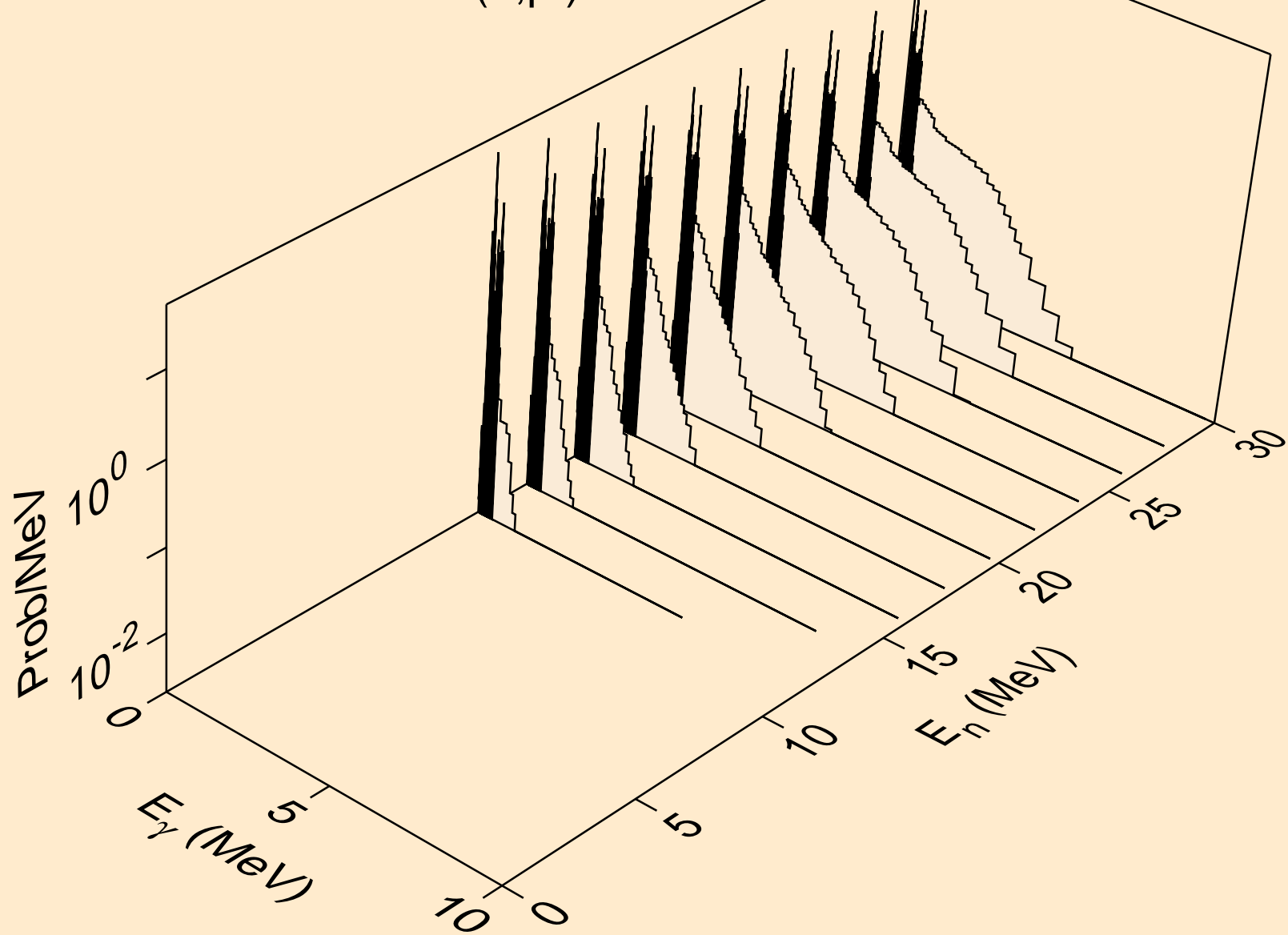
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Photon emission for (n,p)



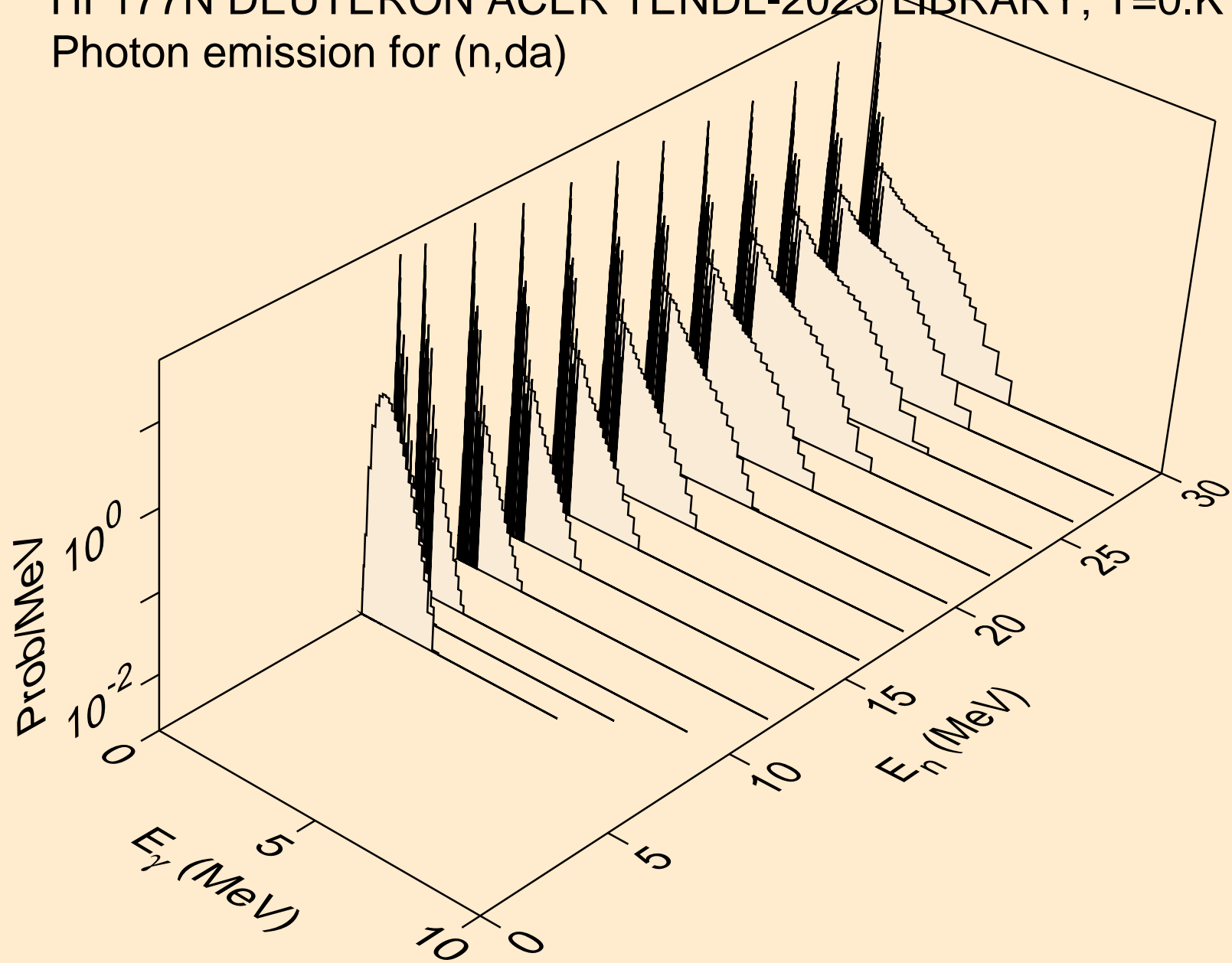
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

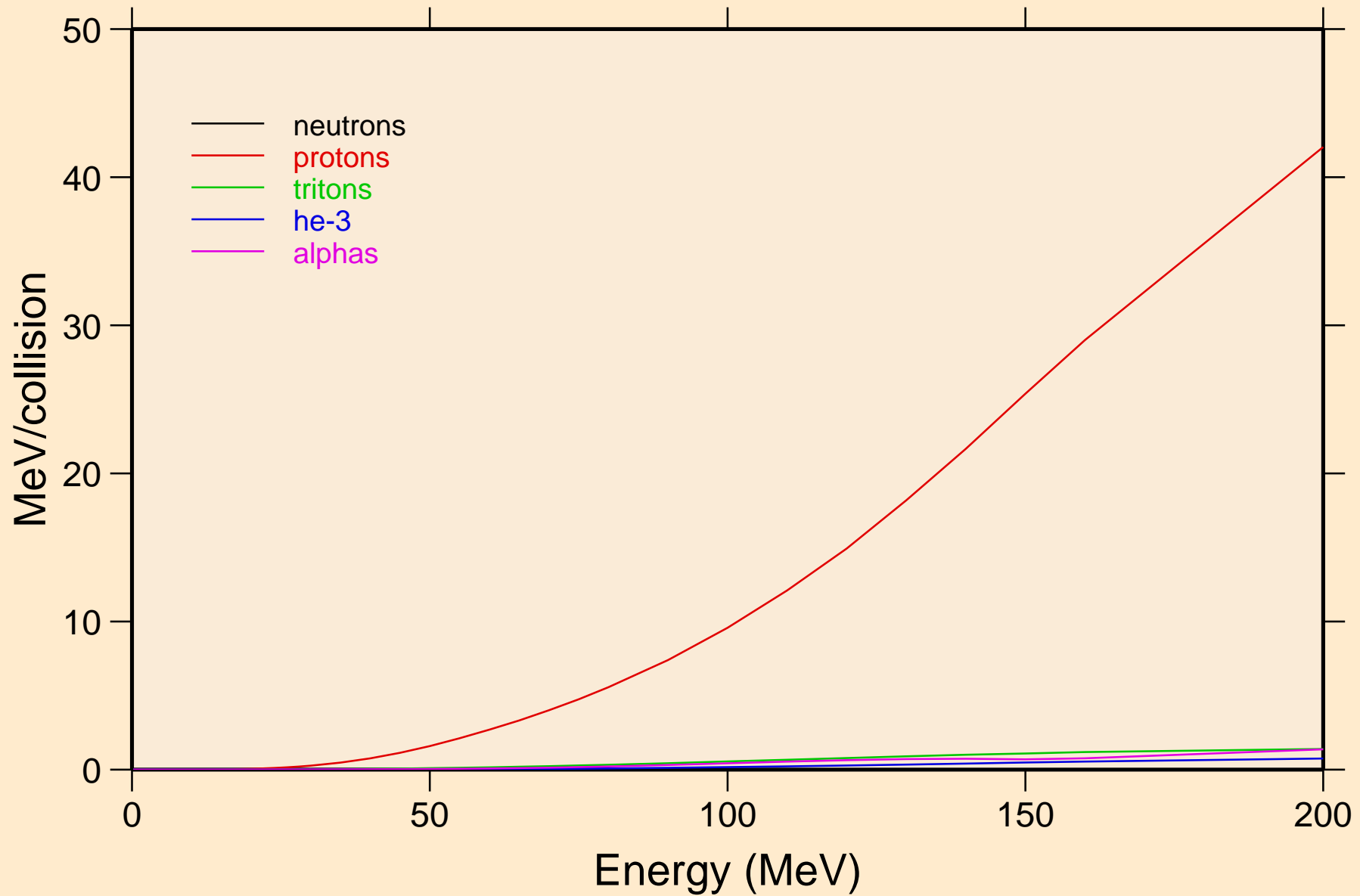


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Photon emission for (n,da)



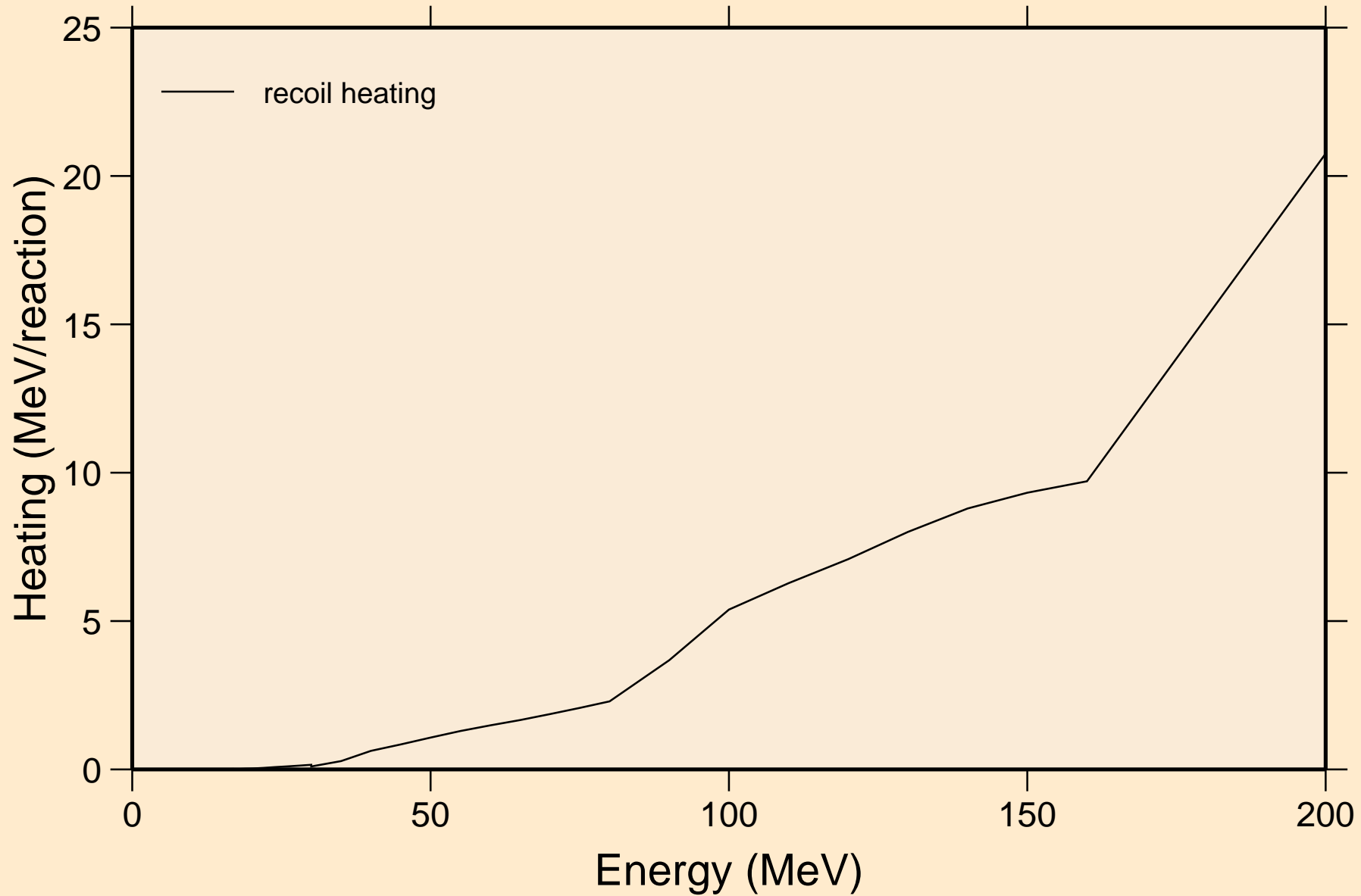
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## Particle heating contributions



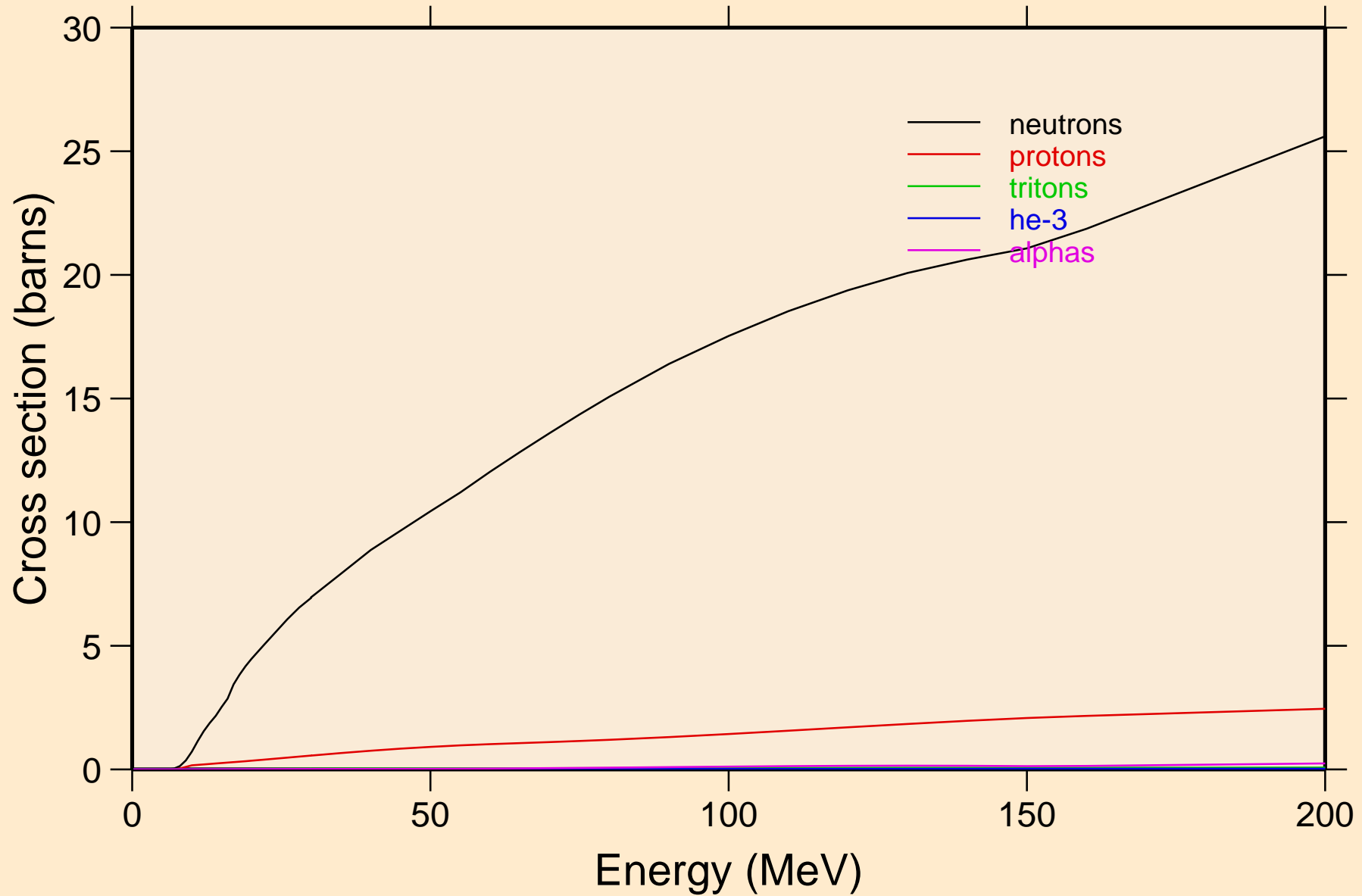
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## Recoil Heating

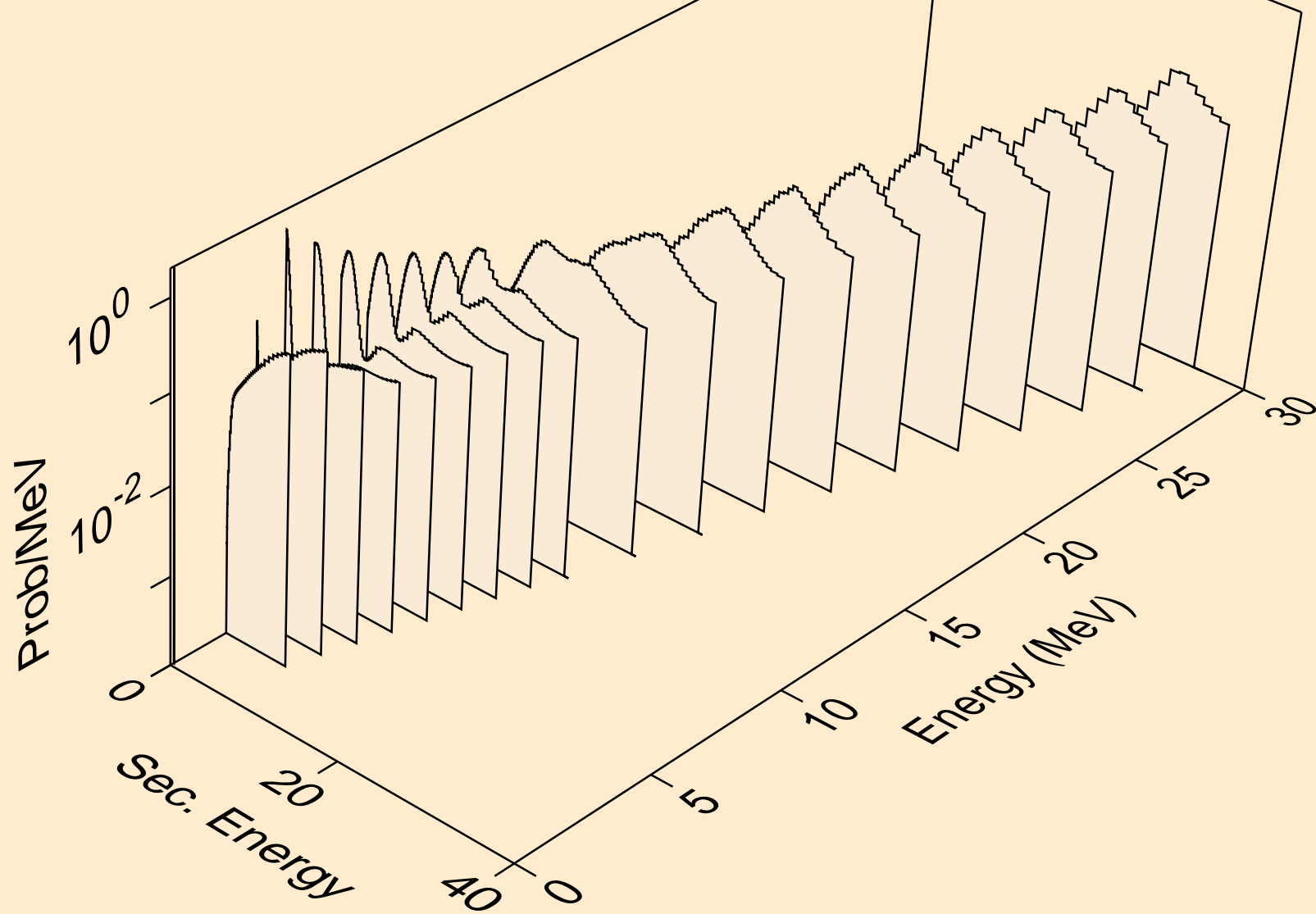




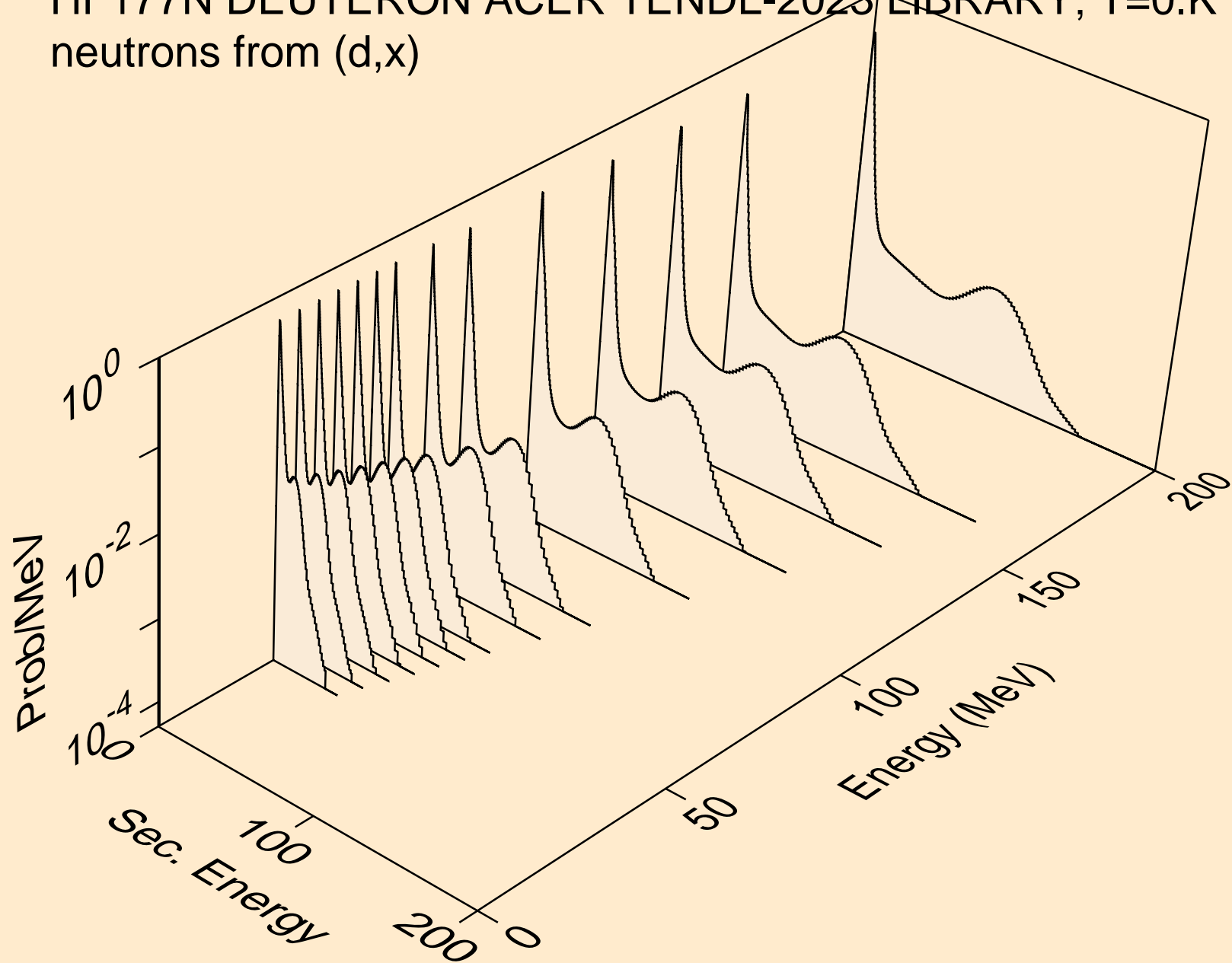
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Particle production cross sections



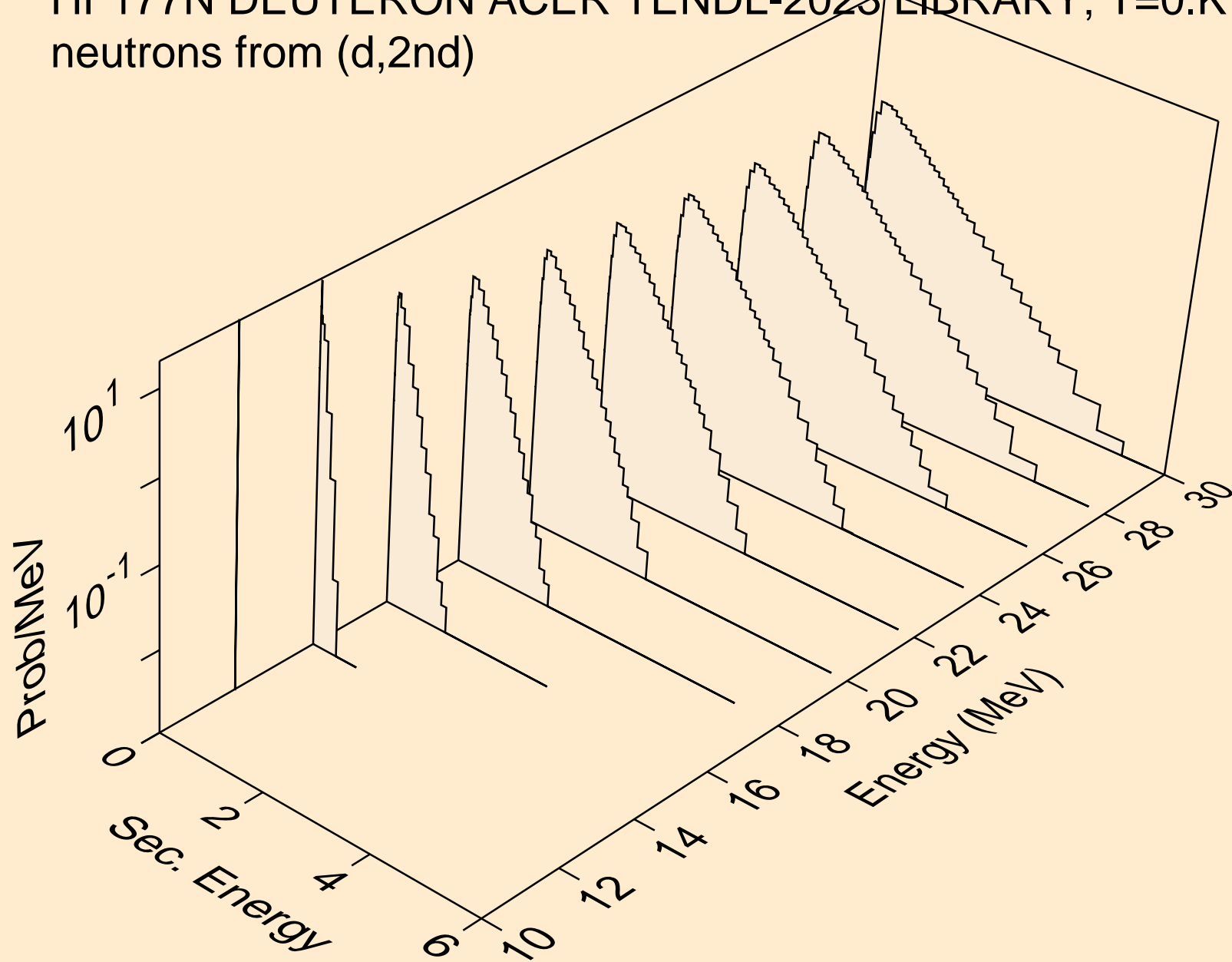
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n)



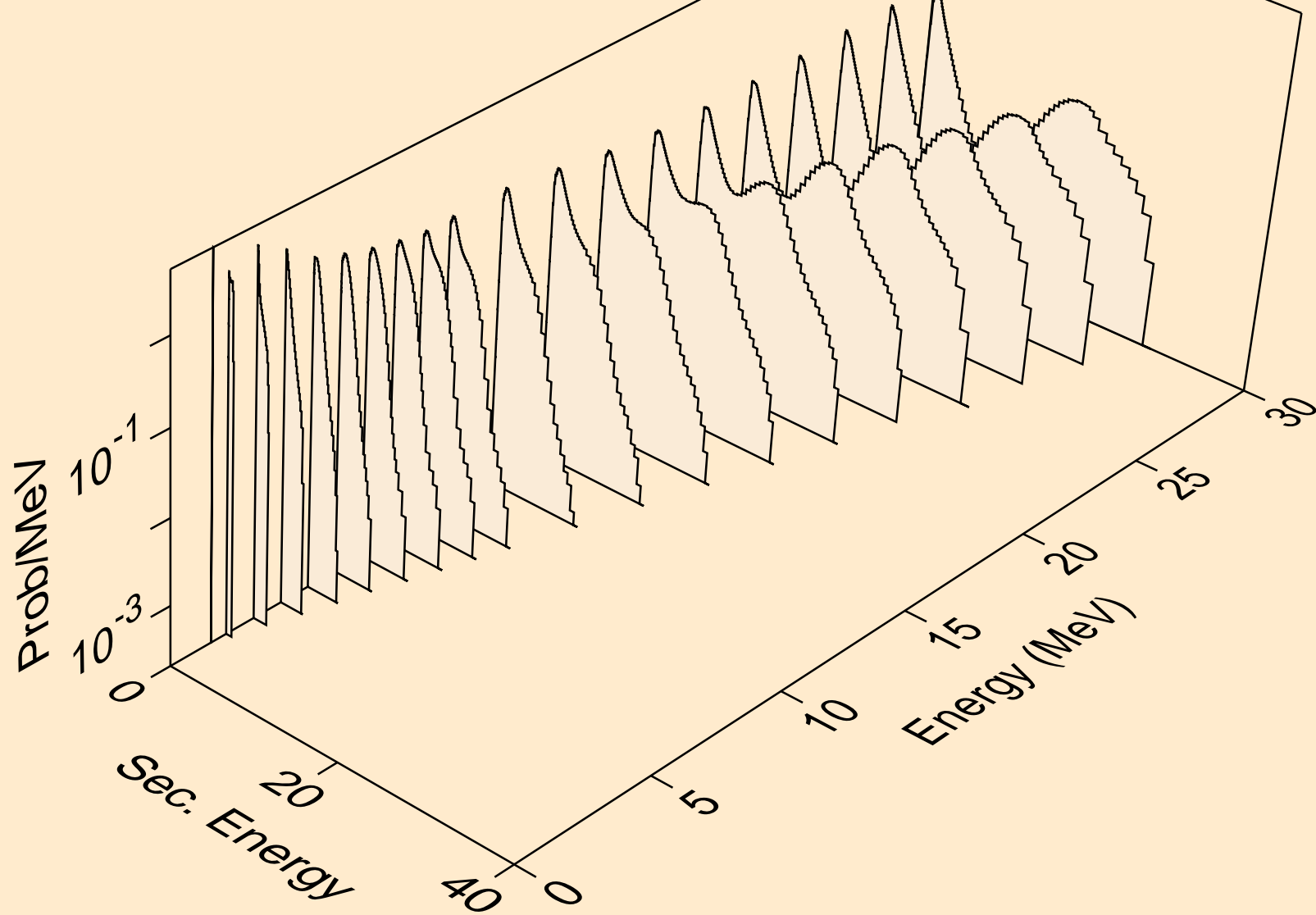
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neutrons from (d,x)



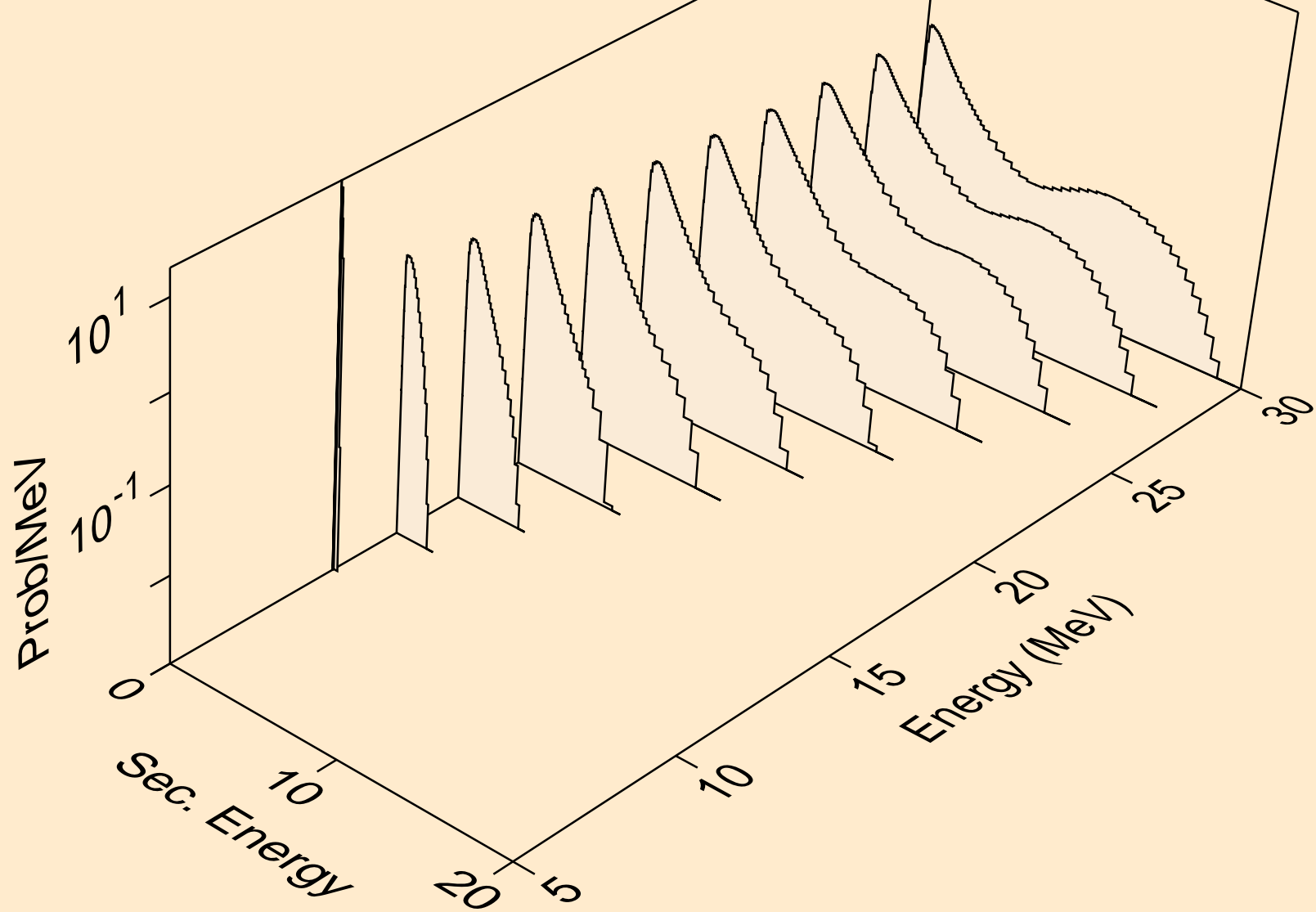
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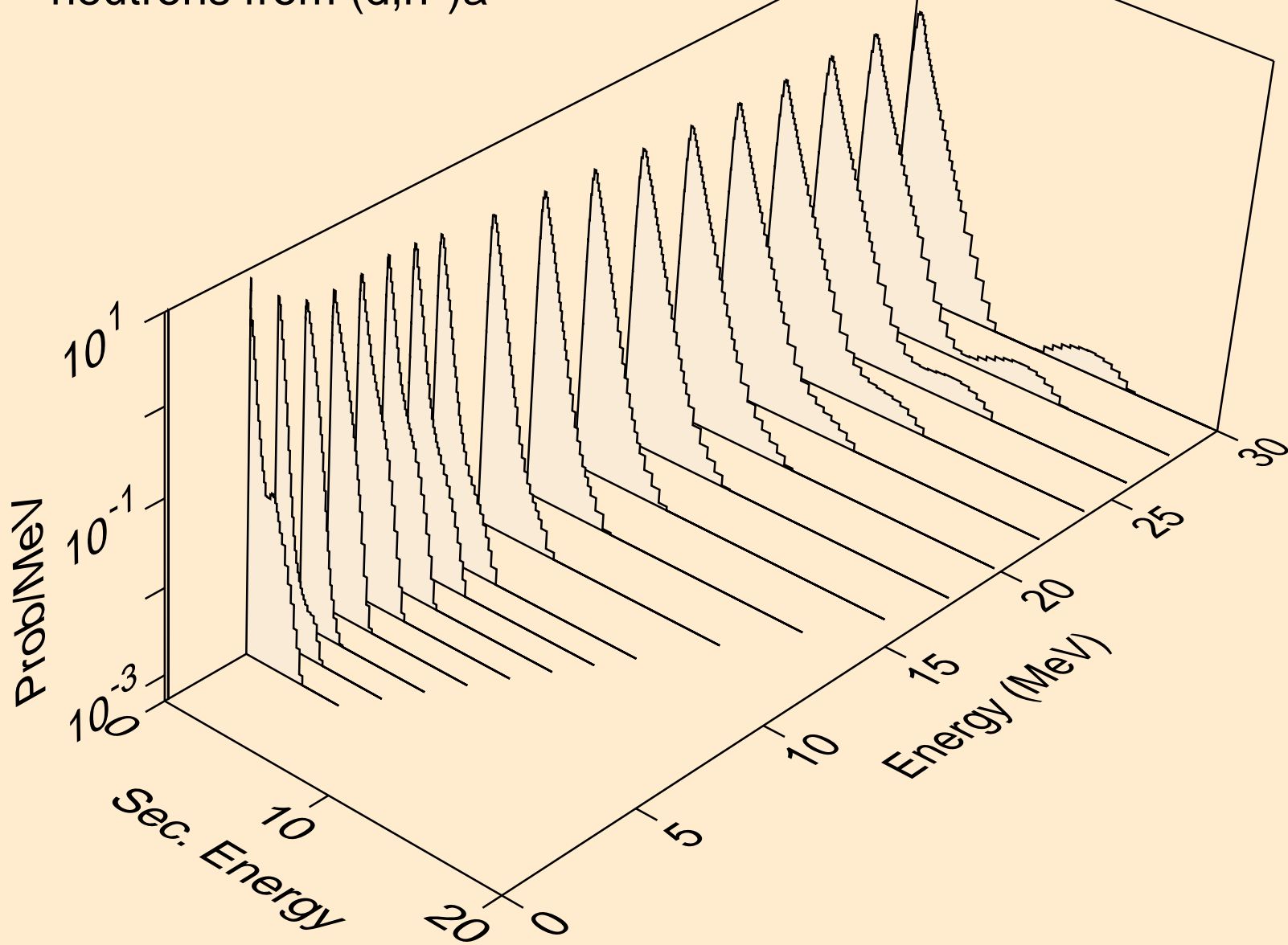
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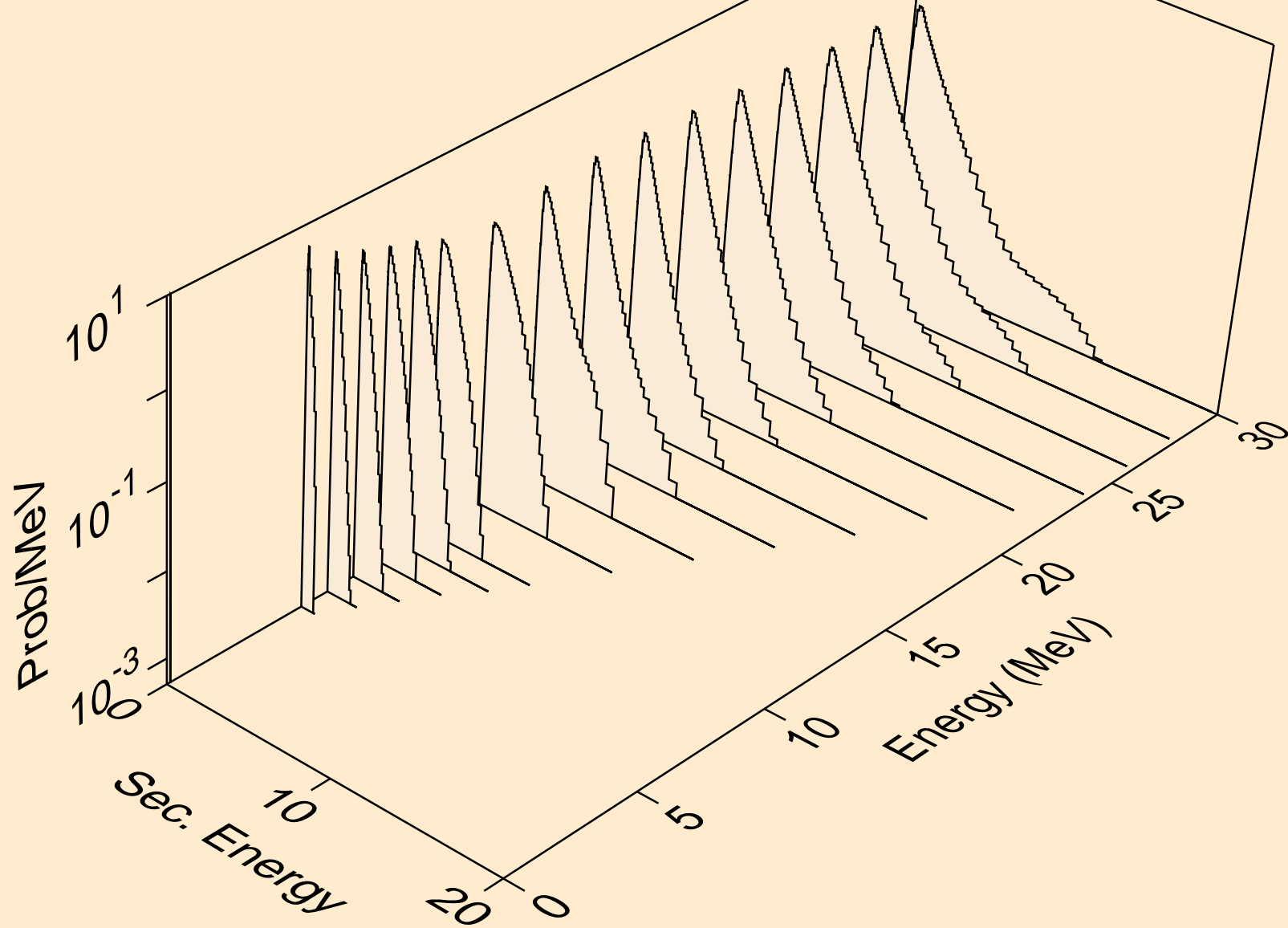
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3n)



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)a

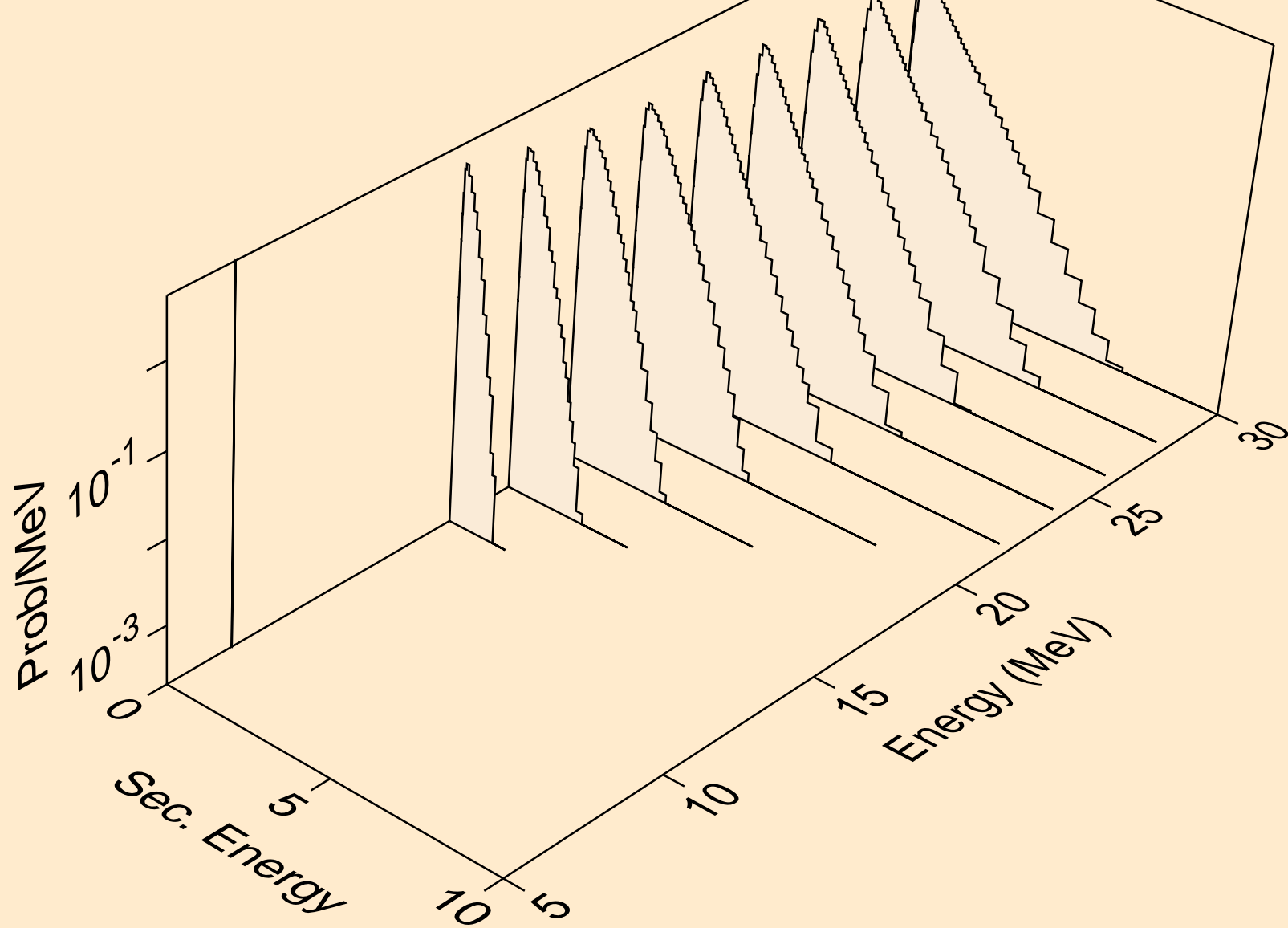


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neutrons from (d,2n)a

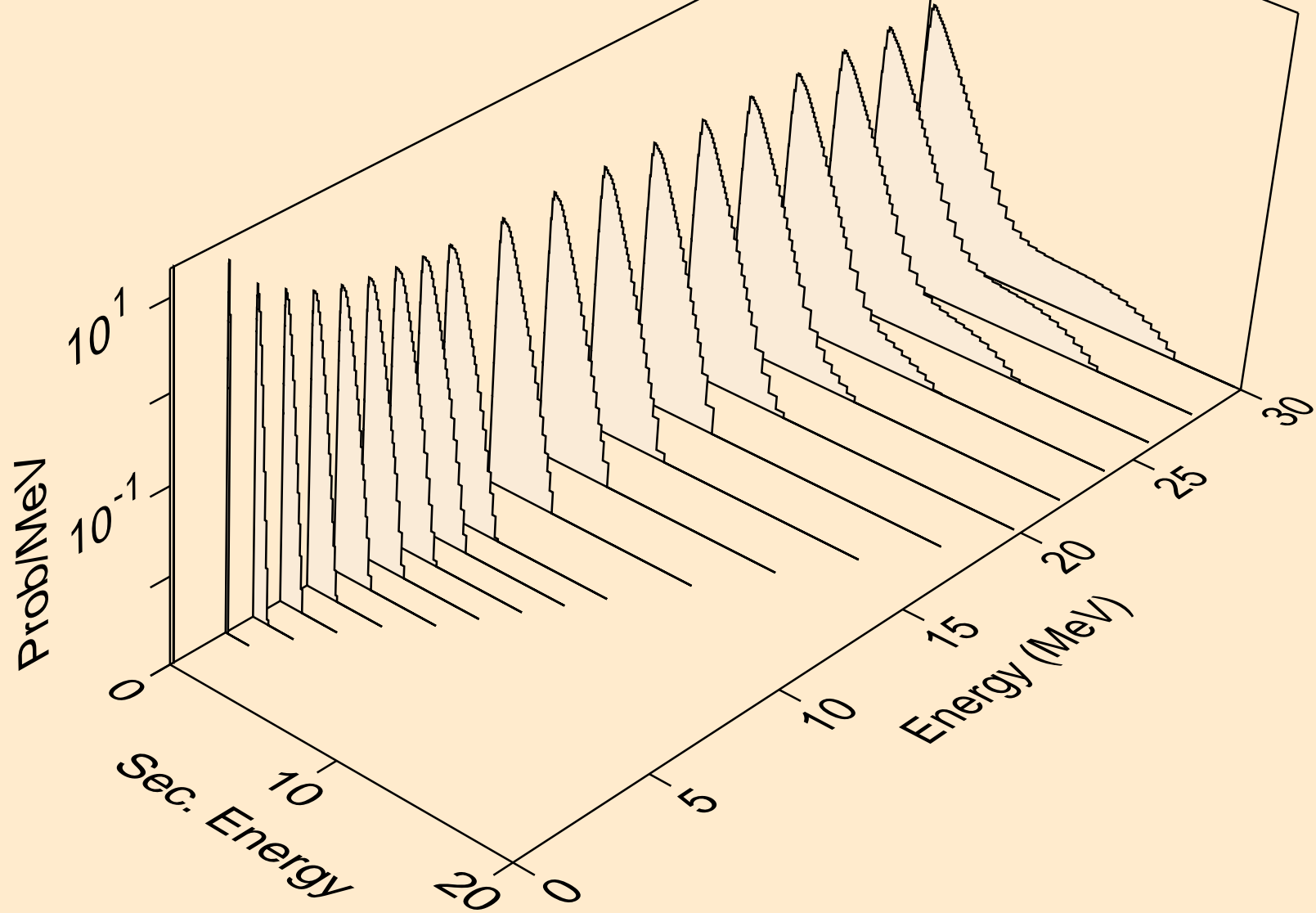




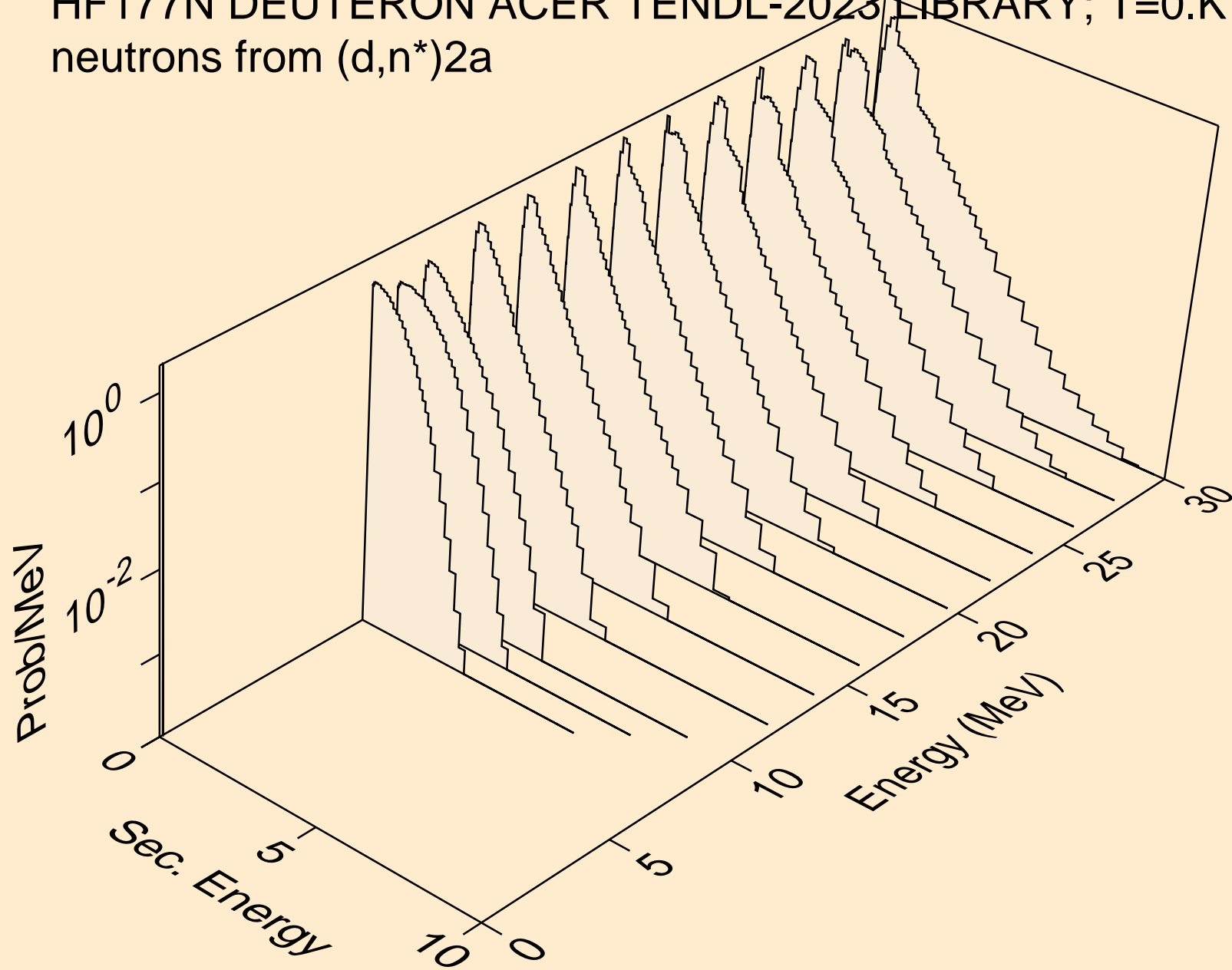
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neutrons from (d,3n)a



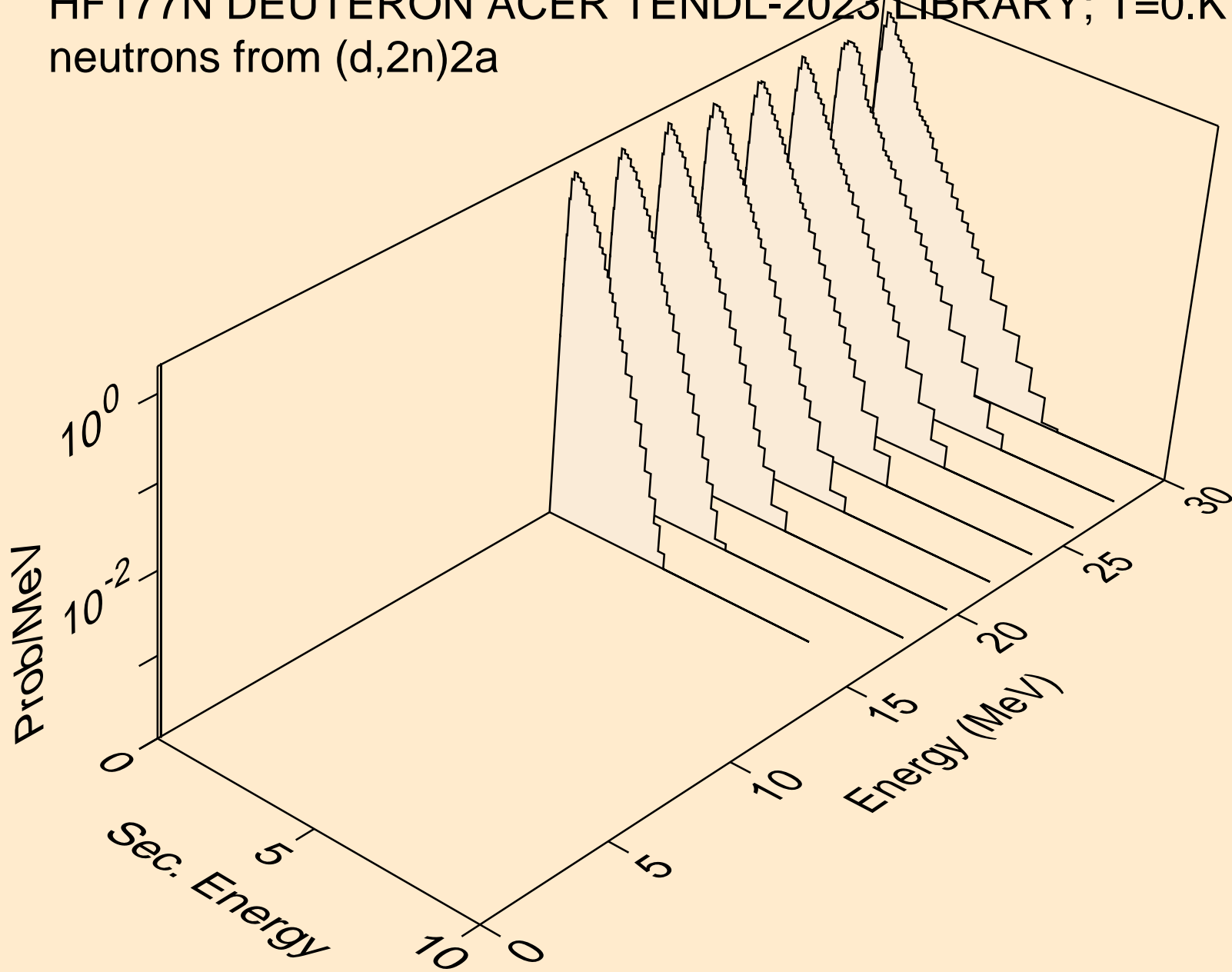
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neutrons from (d,n\*)p



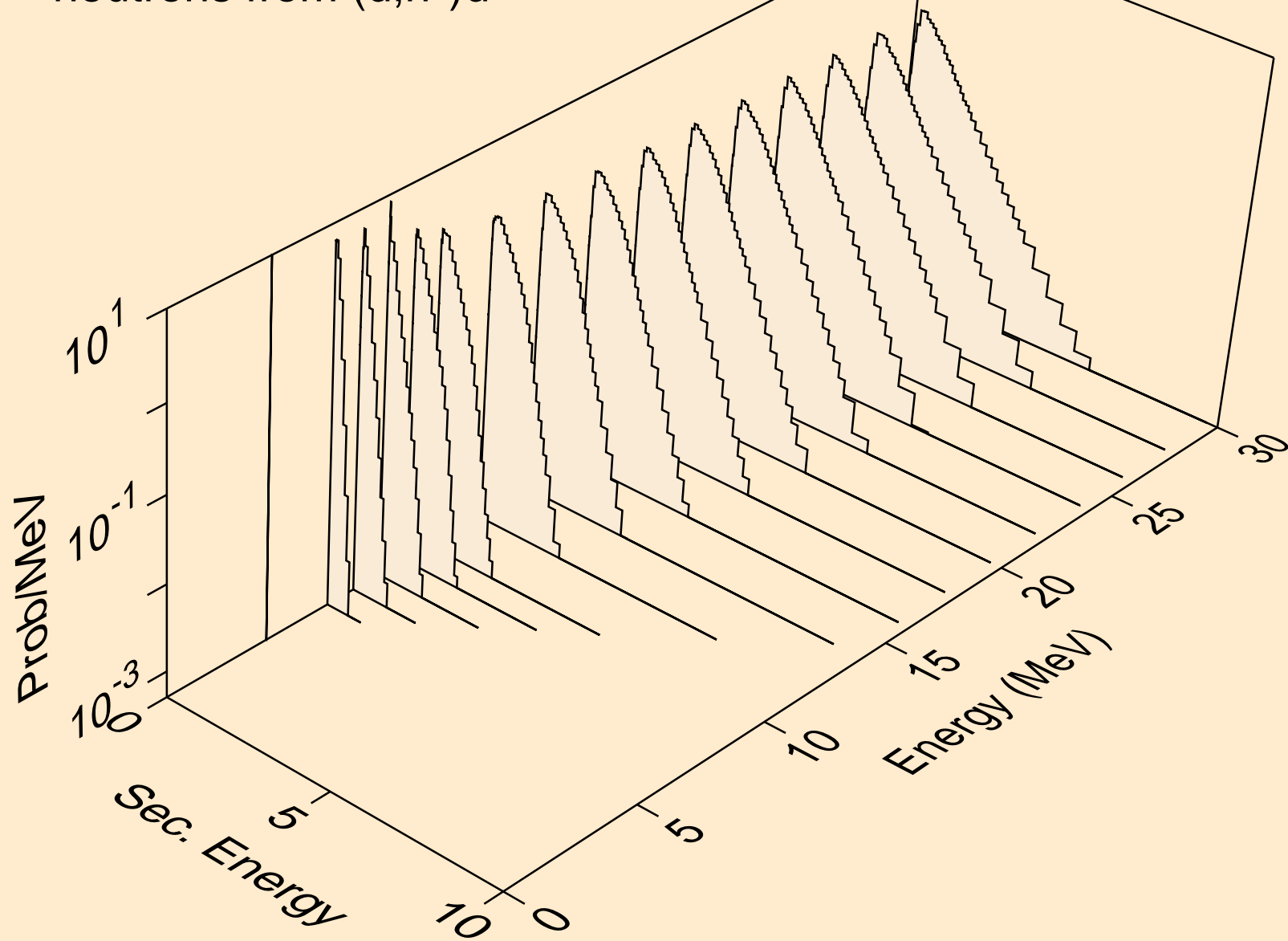
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neutrons from (d,n\*)2a



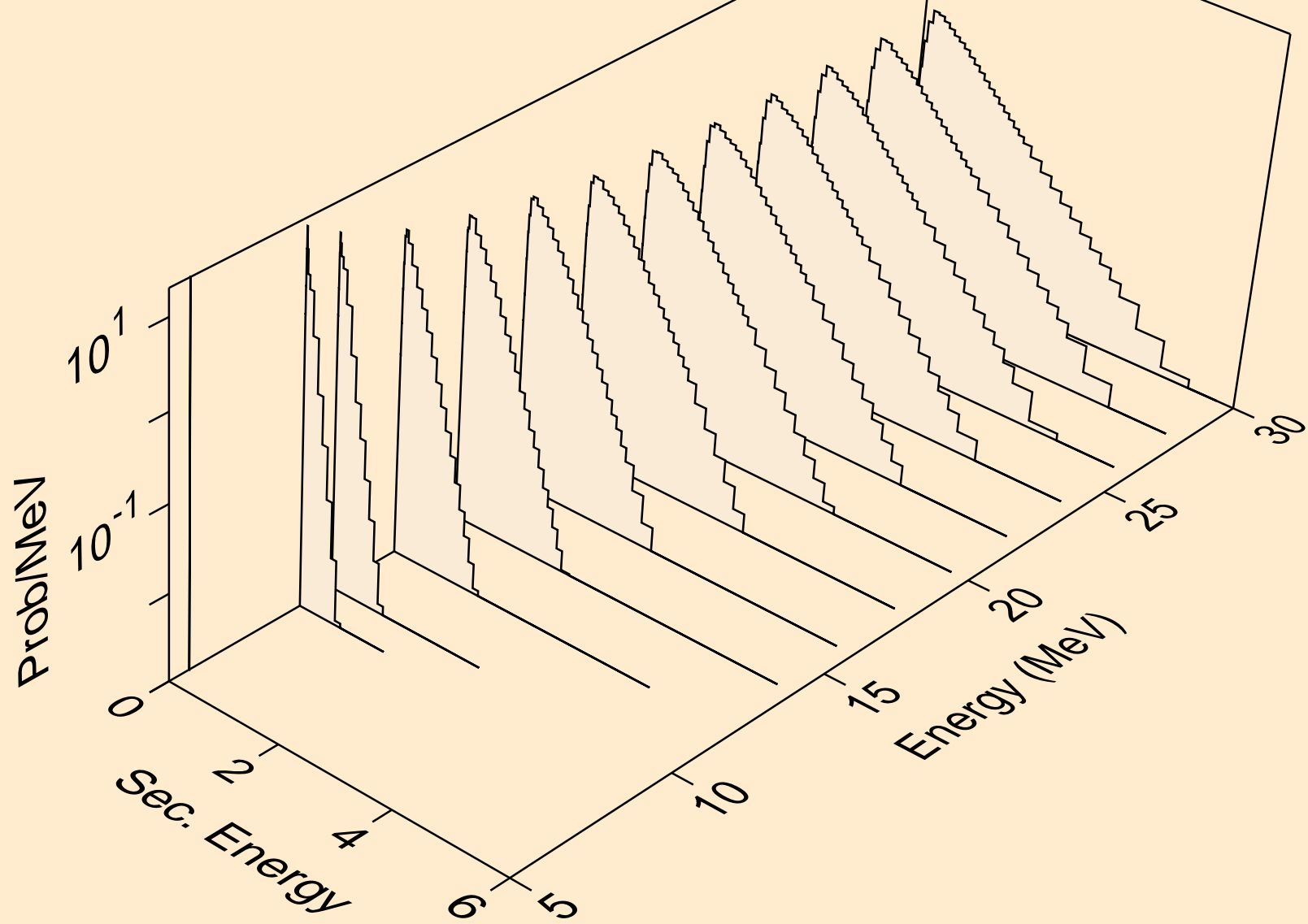
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neutrons from (d,2n)2a



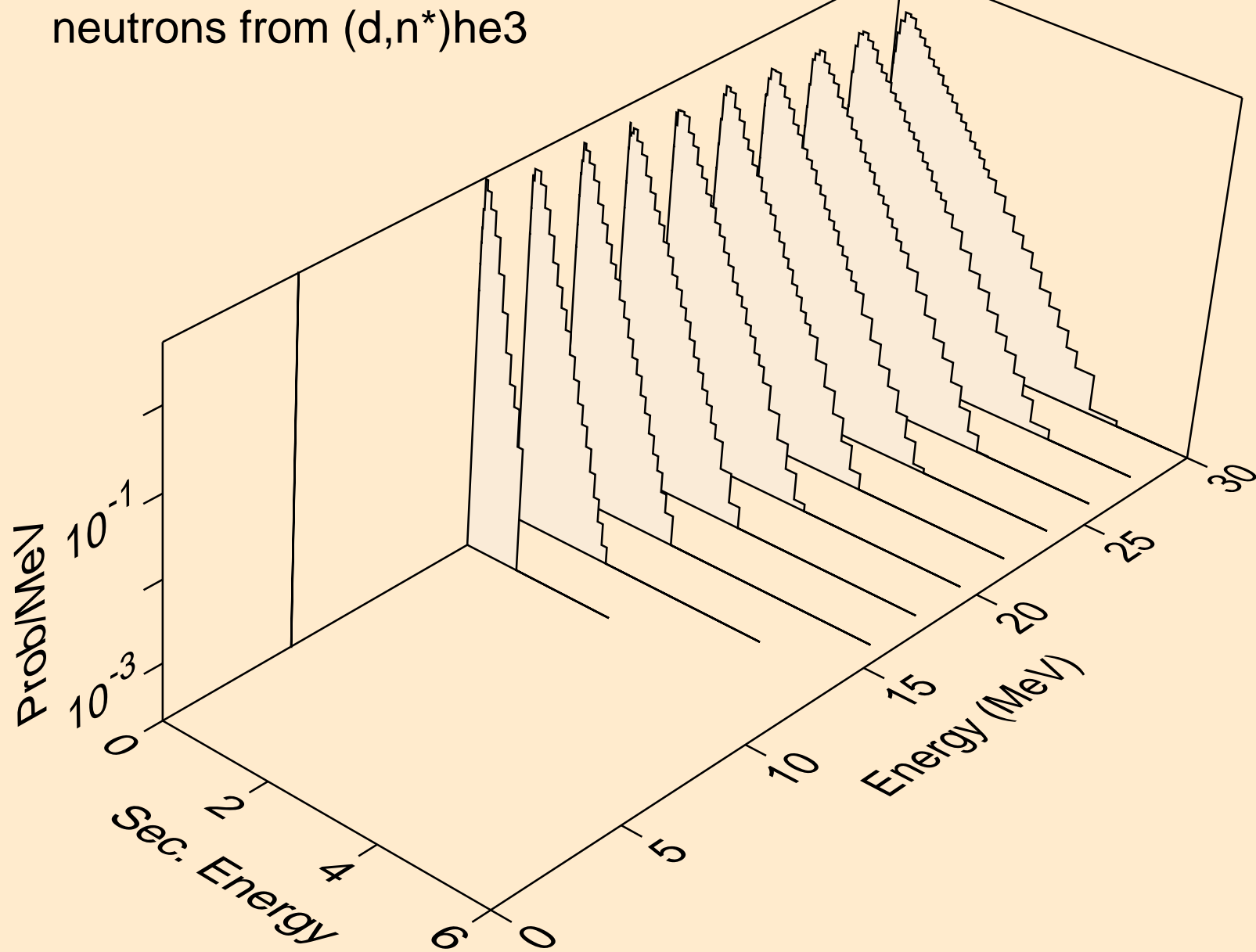
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neutrons from (d,n\*)d



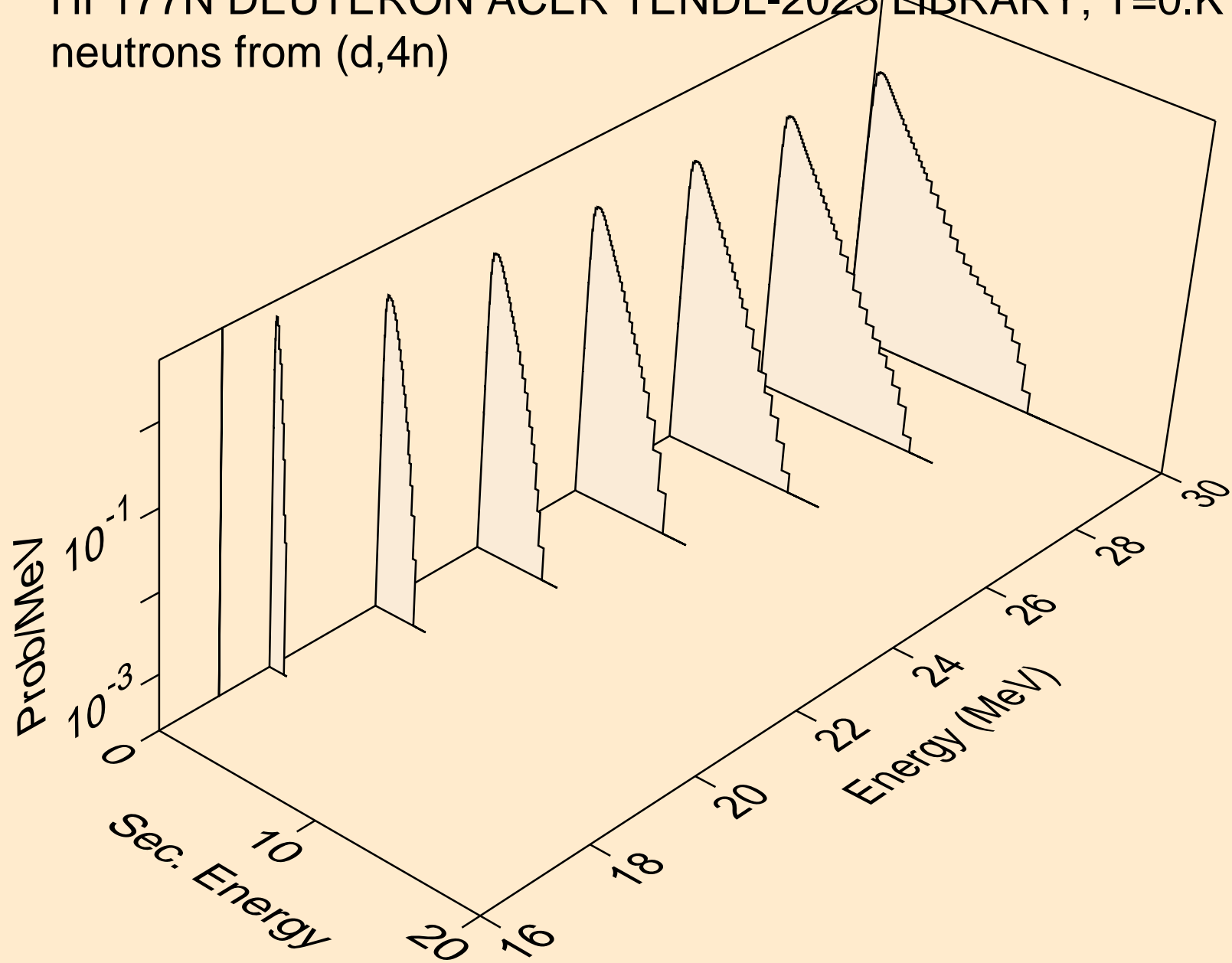
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)t



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)he3

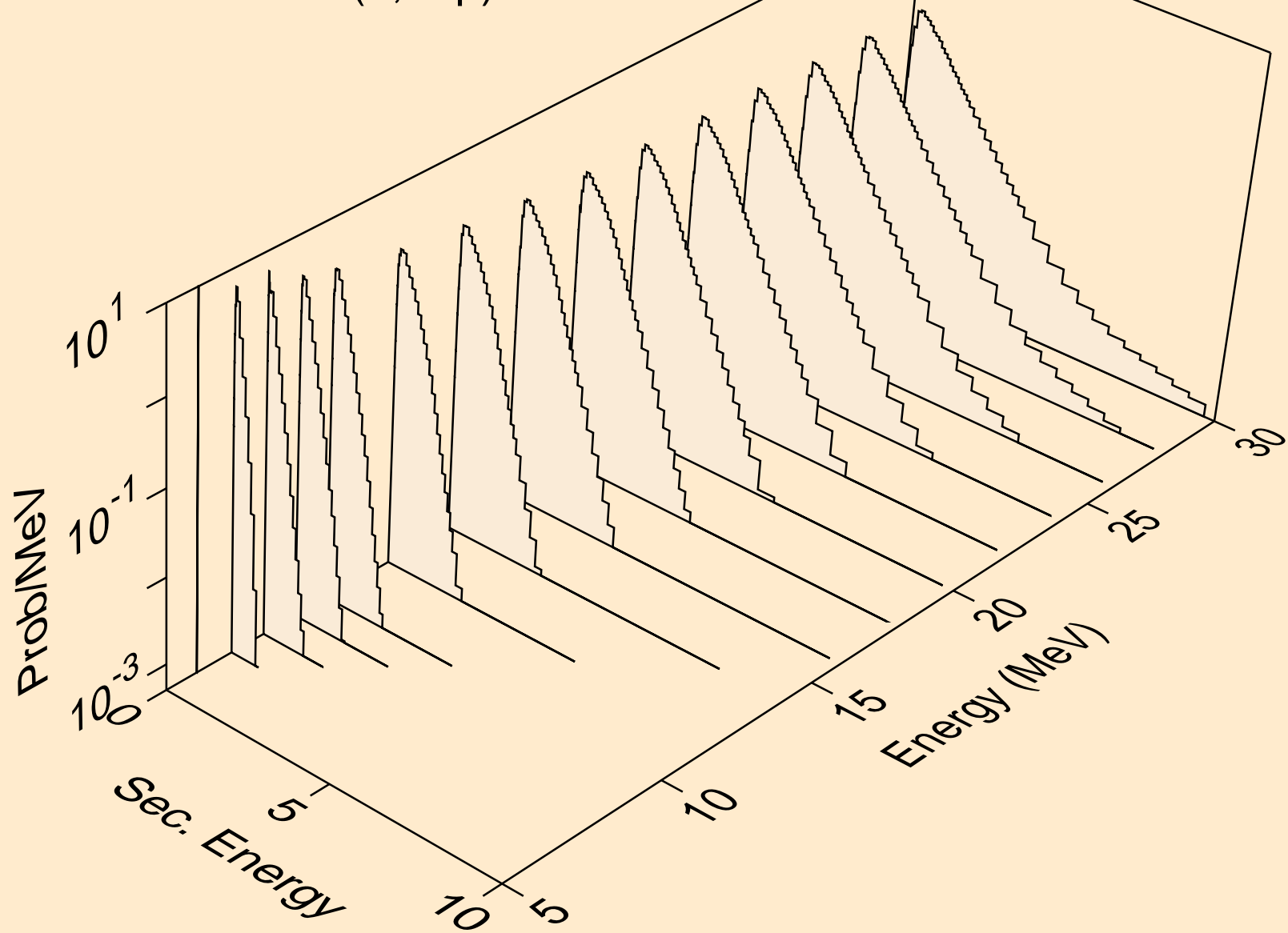


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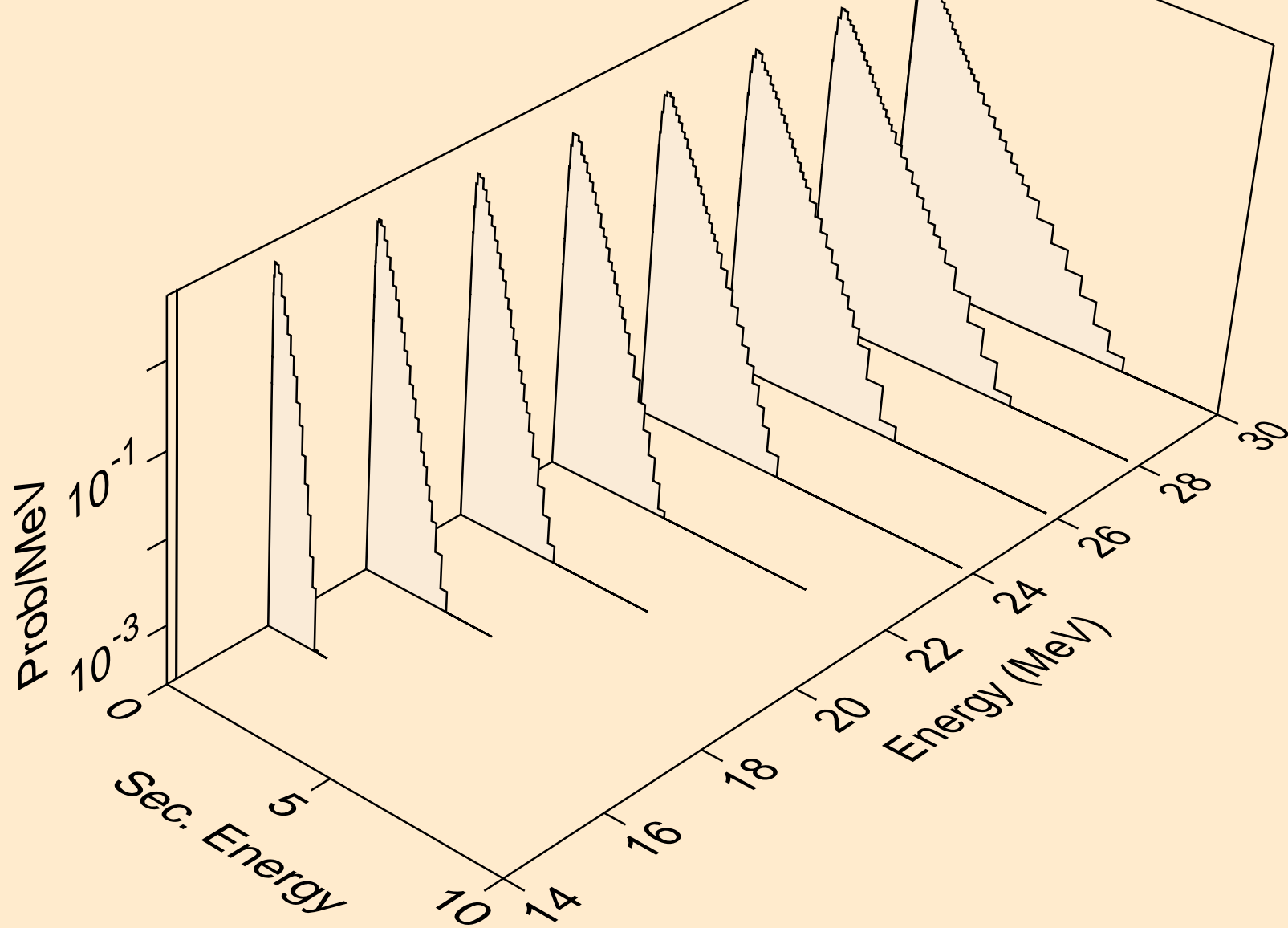




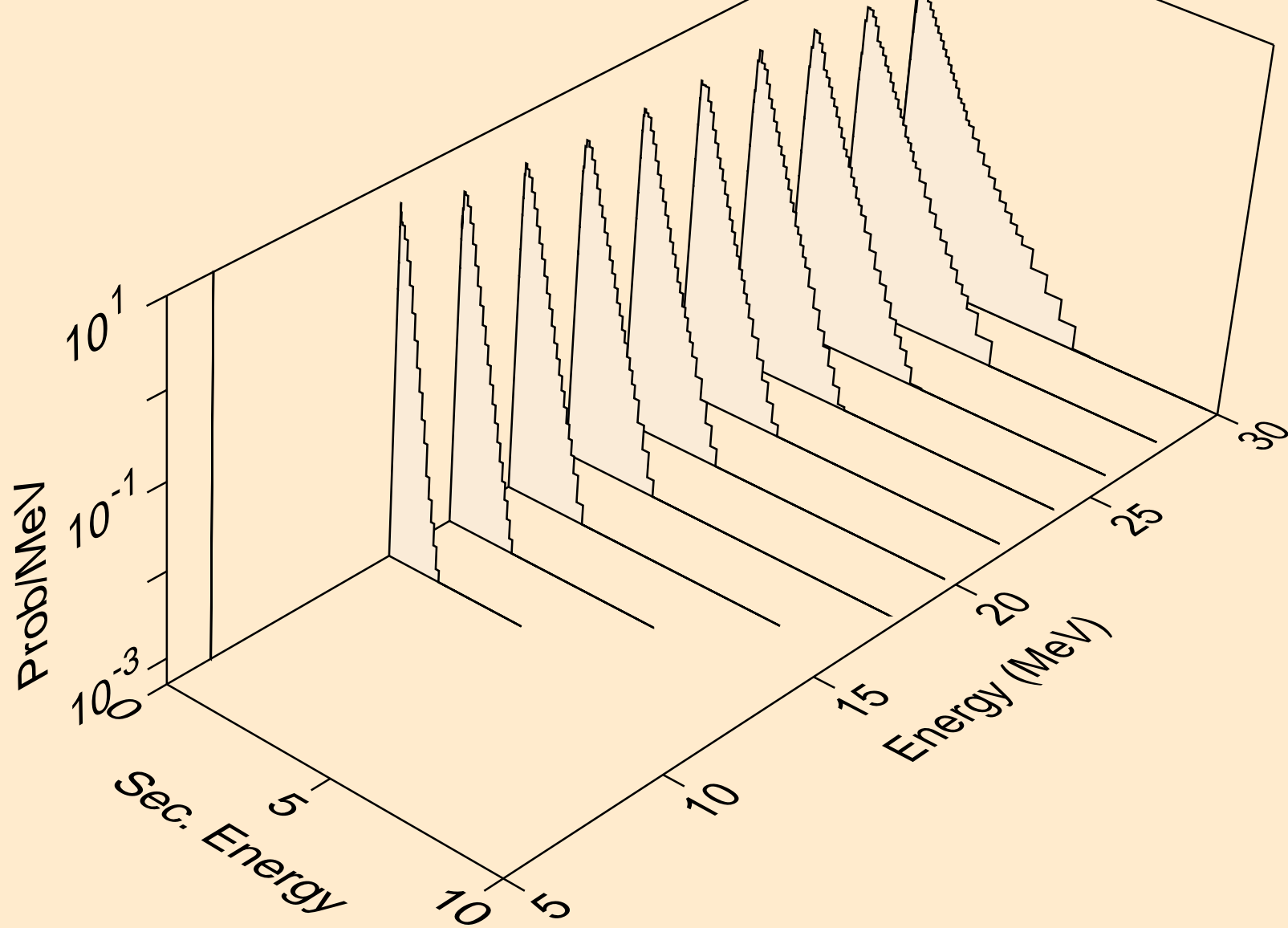
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2np)



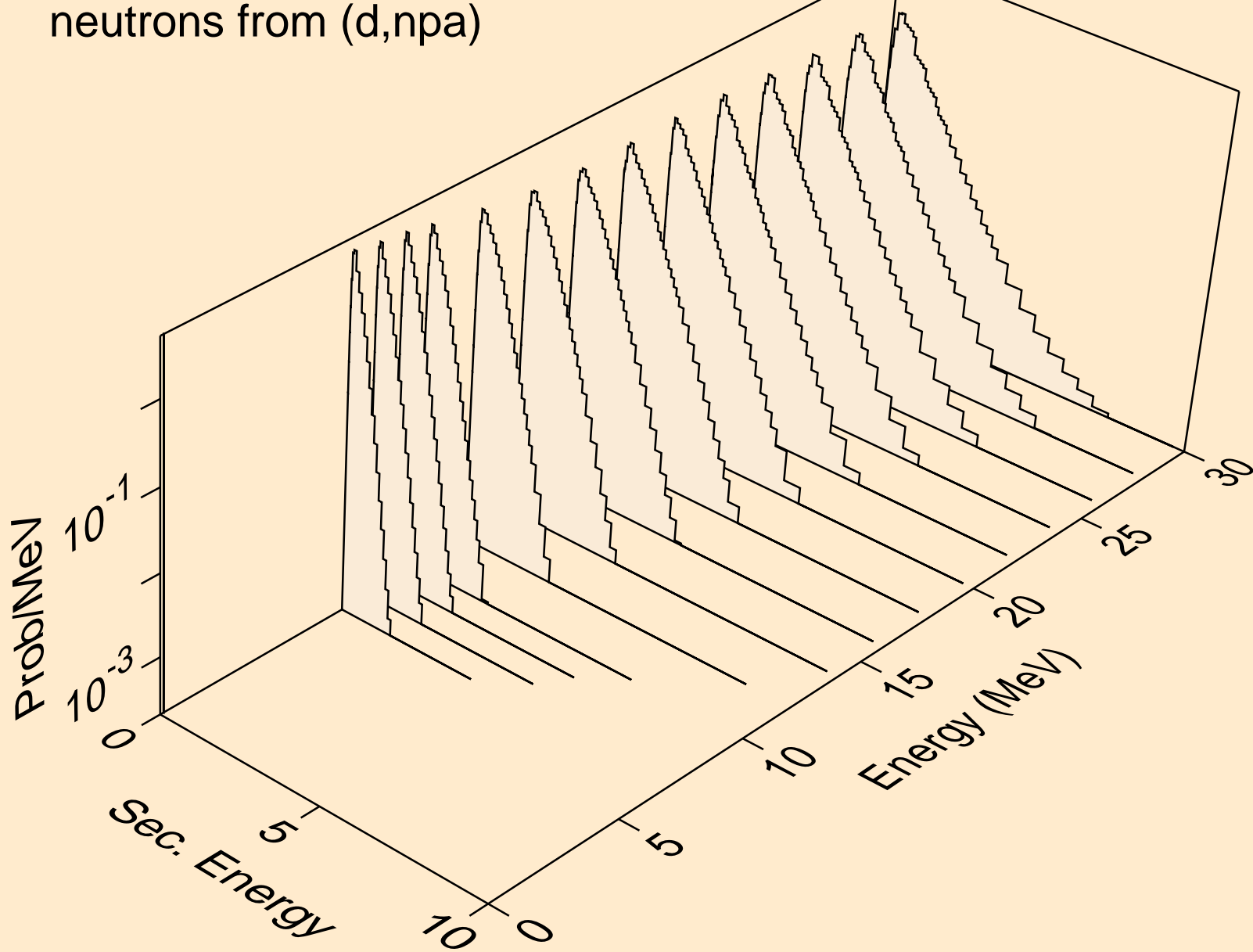
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neutrons from (d,3np)



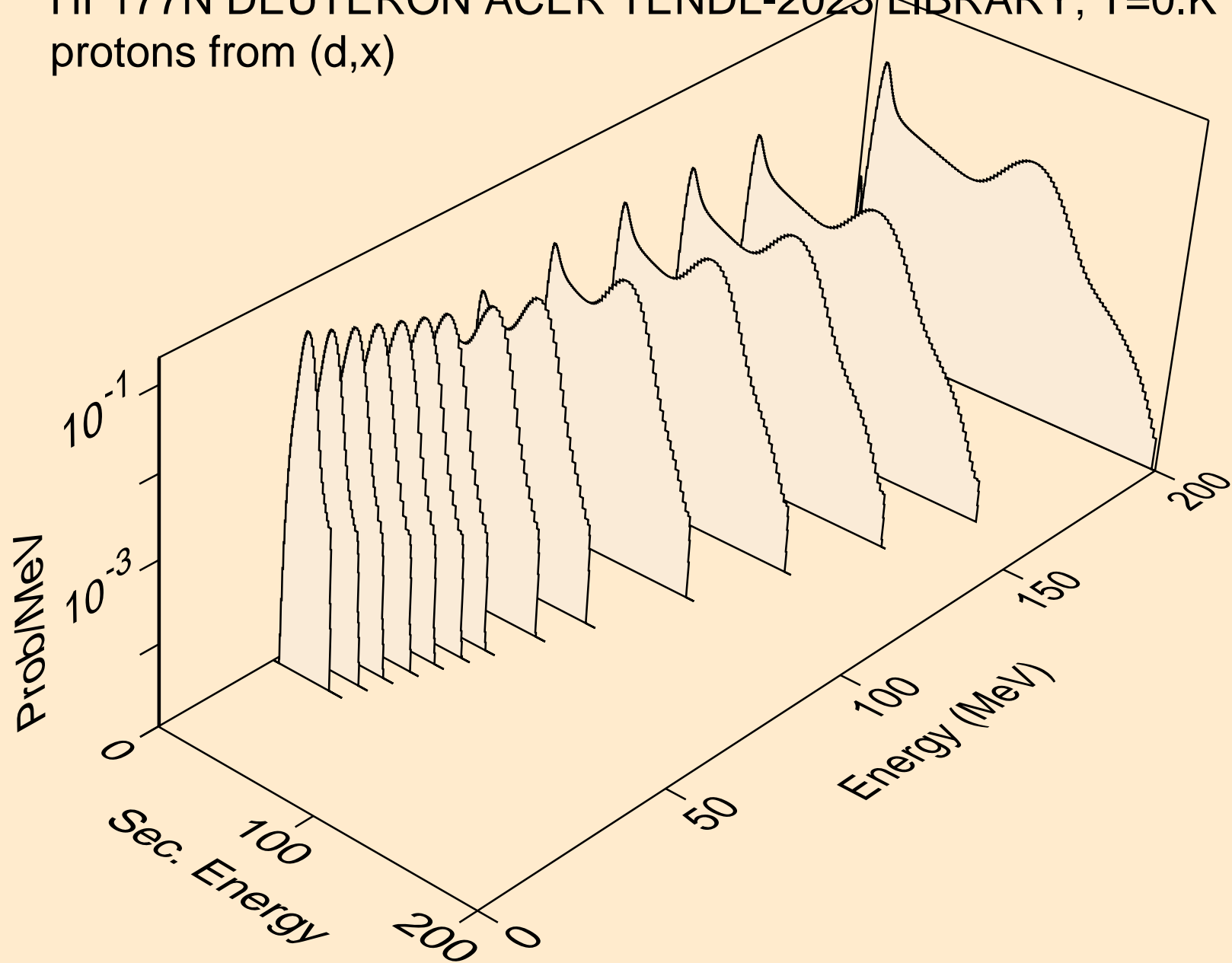
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neutrons from (d,n2p)



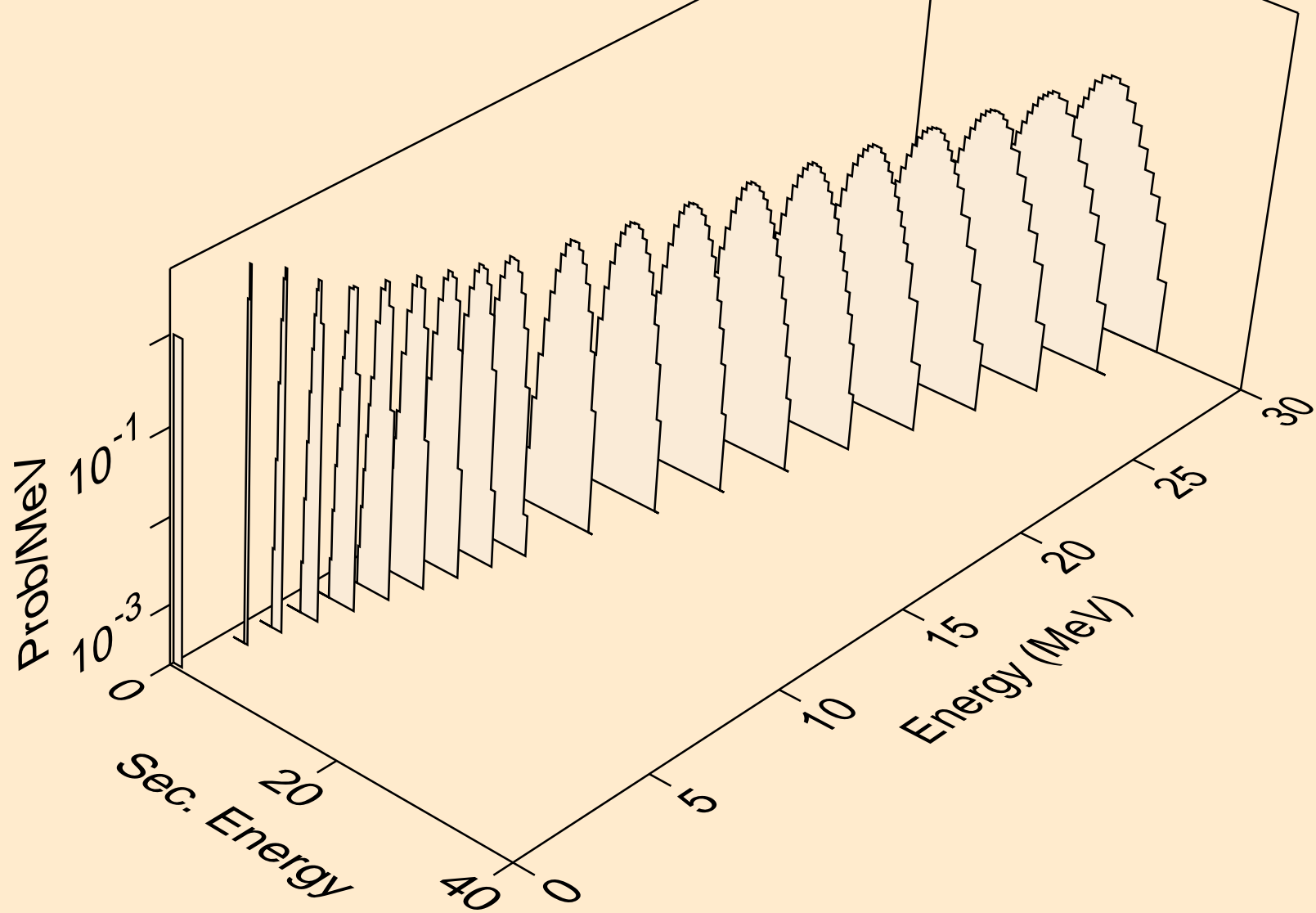
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neutrons from (d,npa)



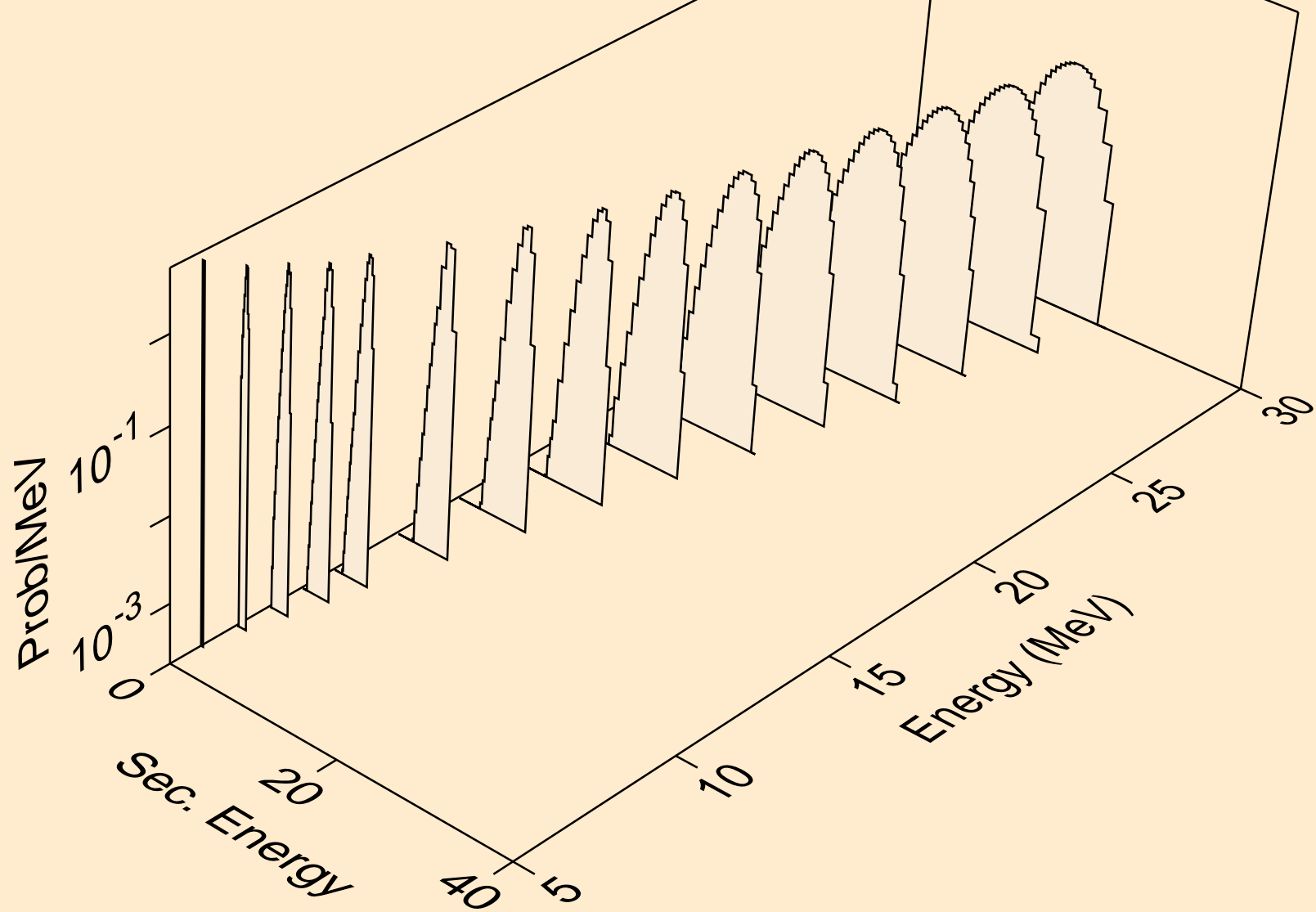
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protons from (d,x)



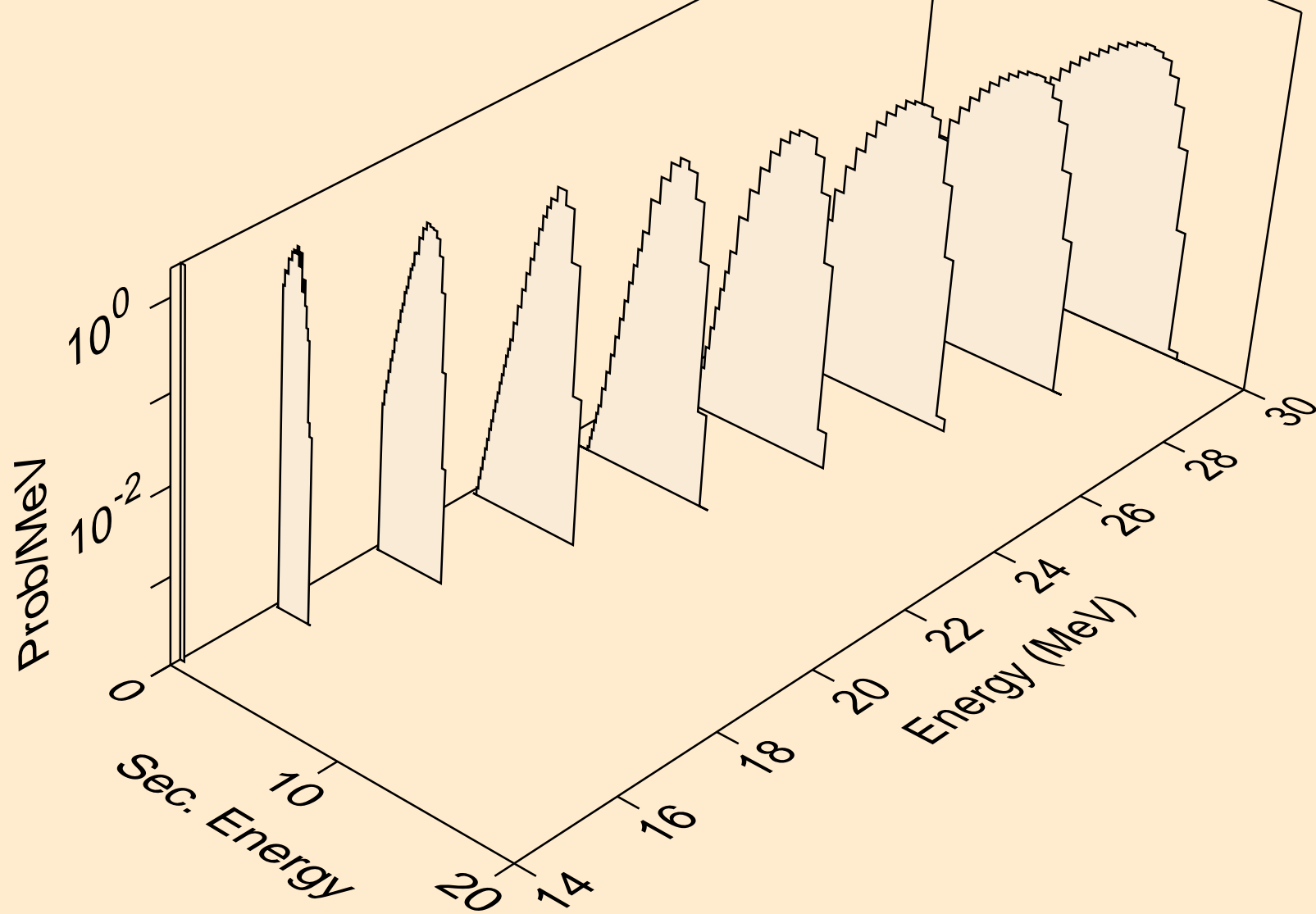
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n\*)p



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,2np)

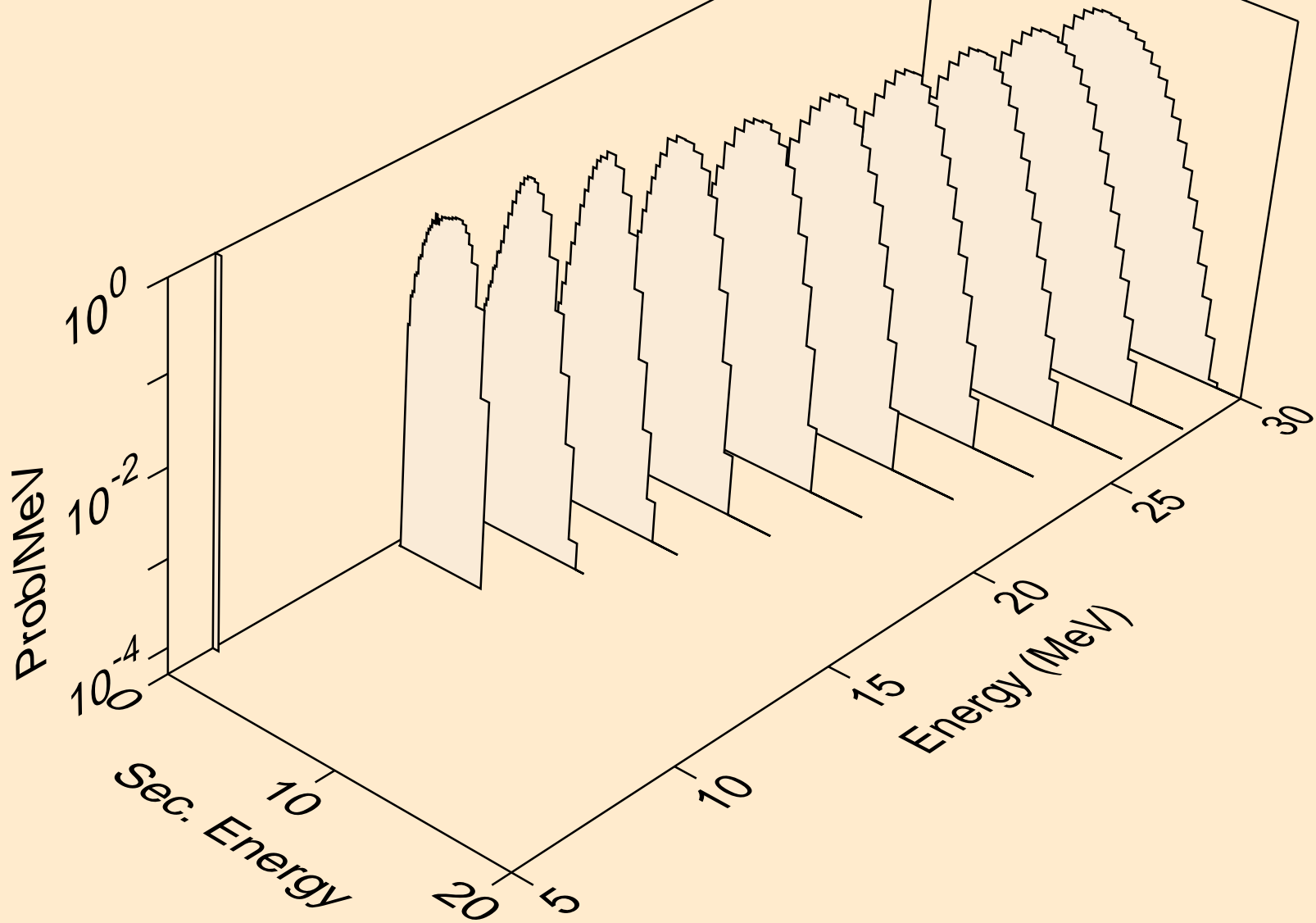


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protons from (d,3np)

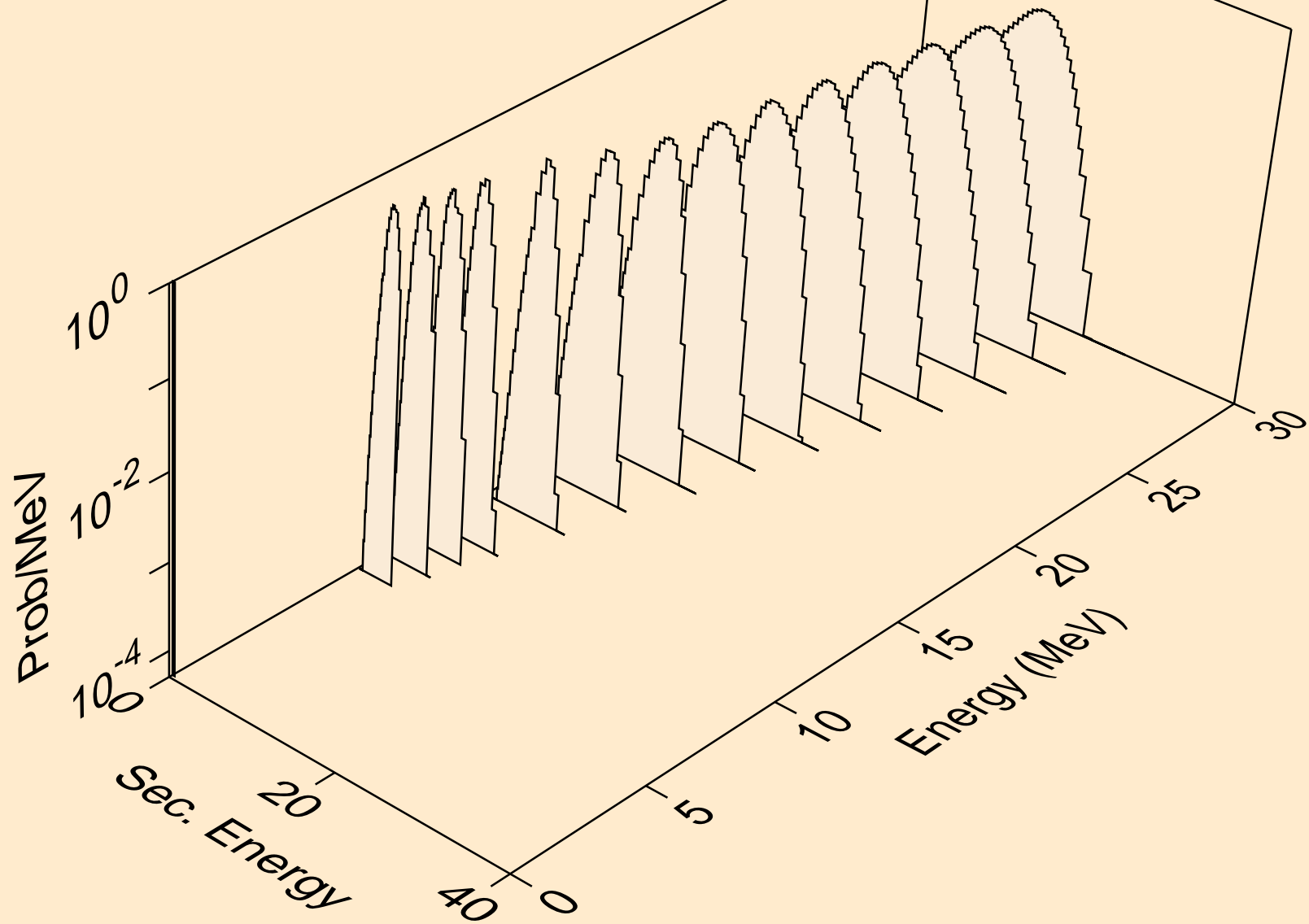




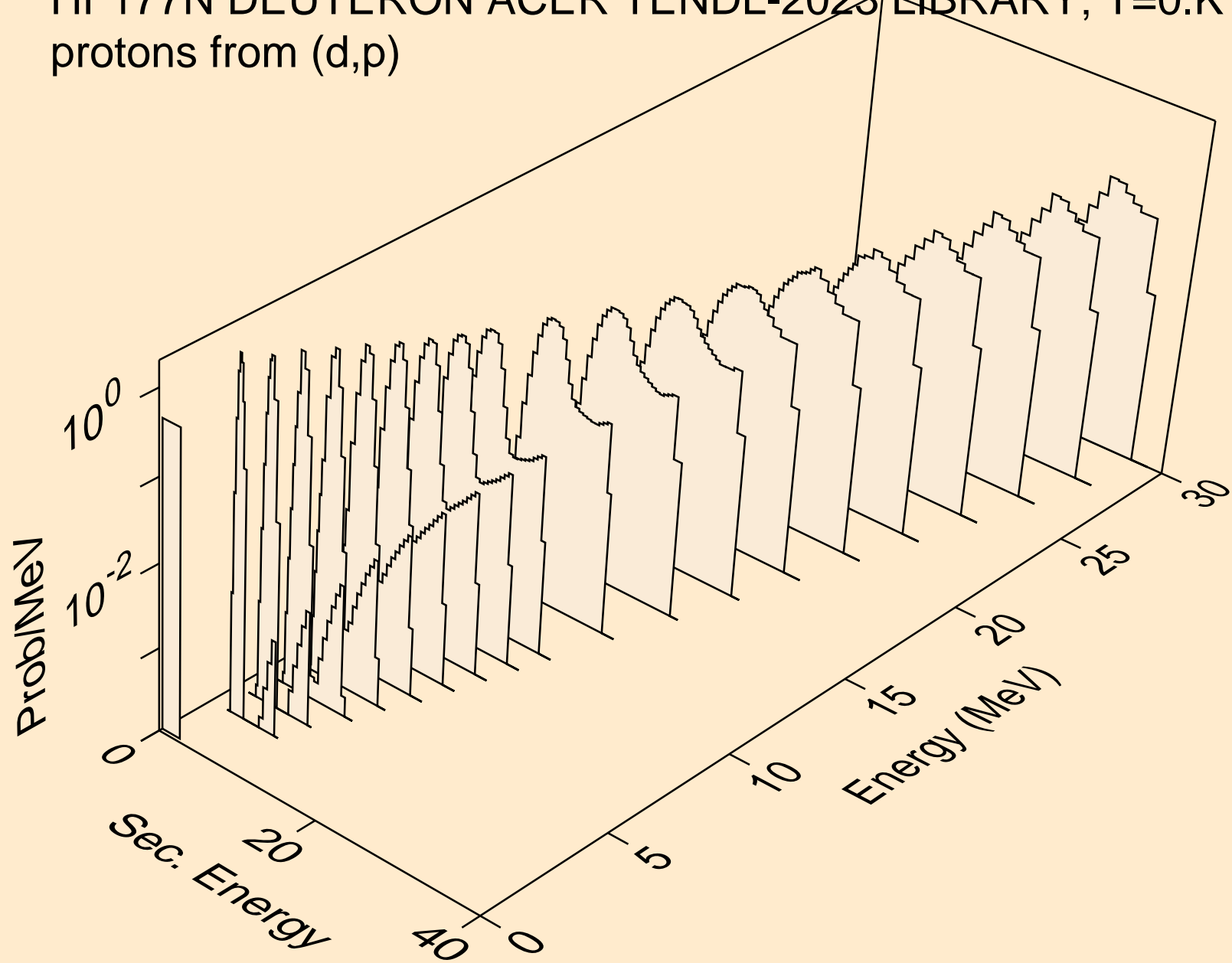
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protons from (d,n2p)



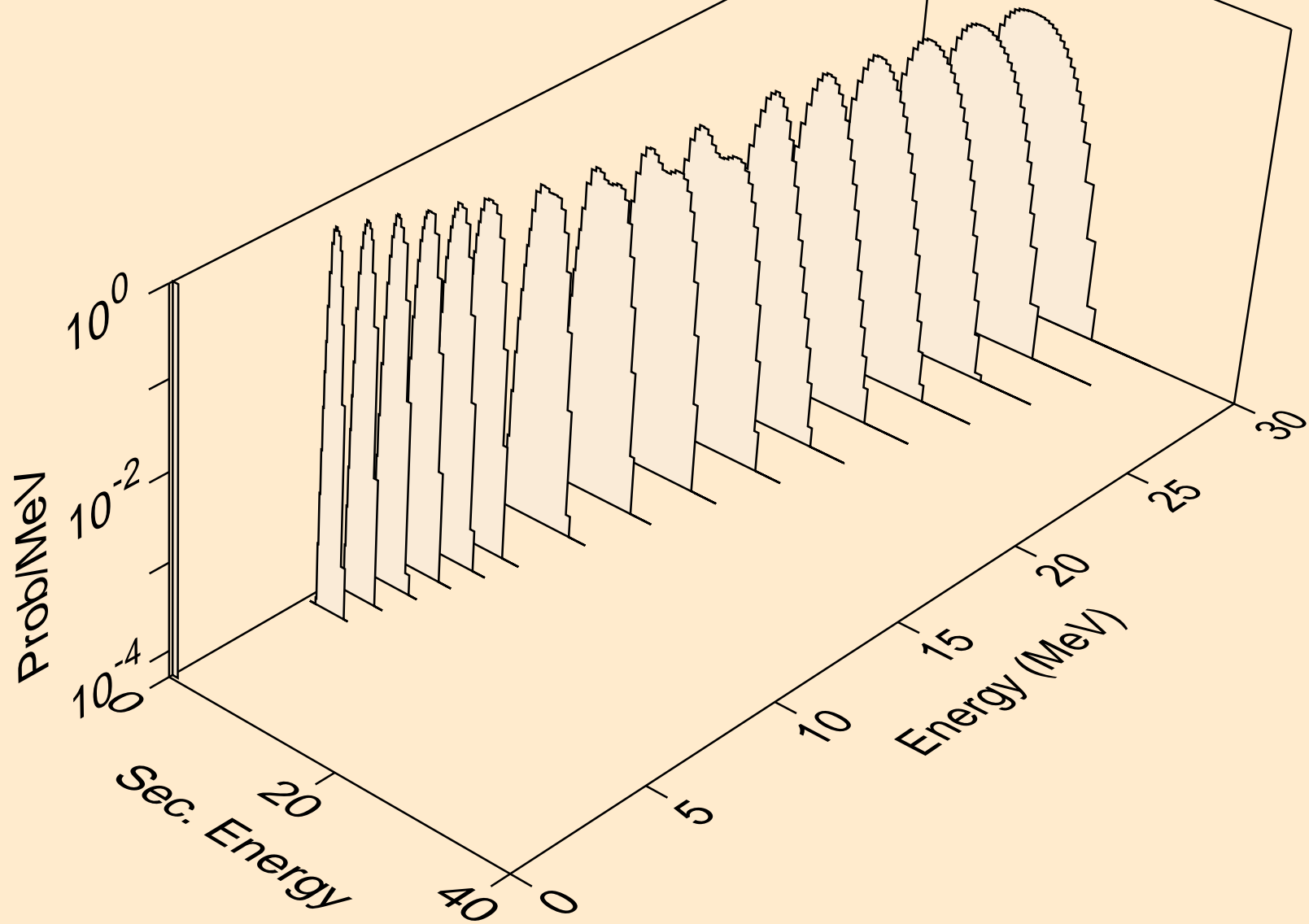
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protons from (d,npa)



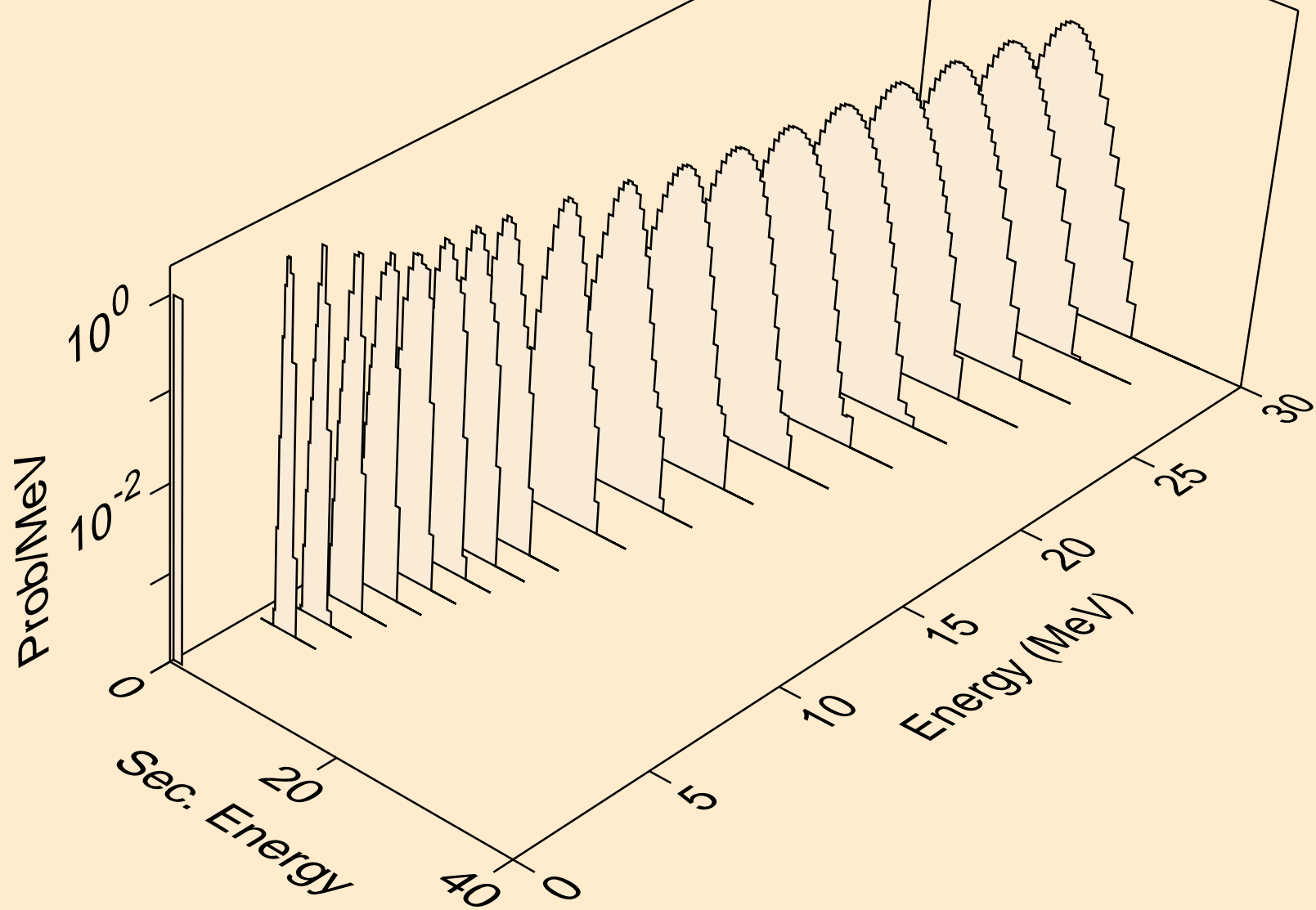
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protons from (d,p)



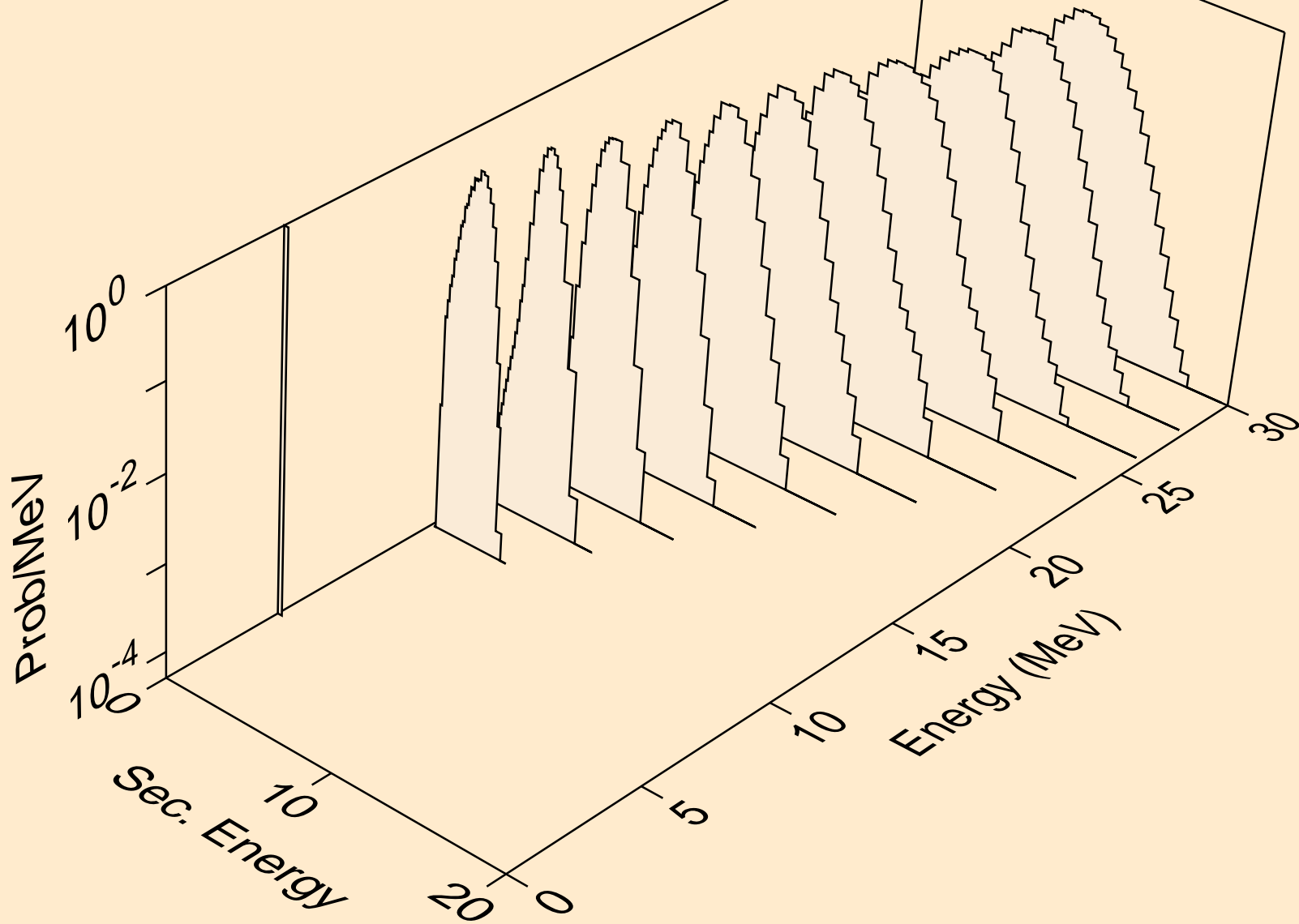
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protons from (d,2p)



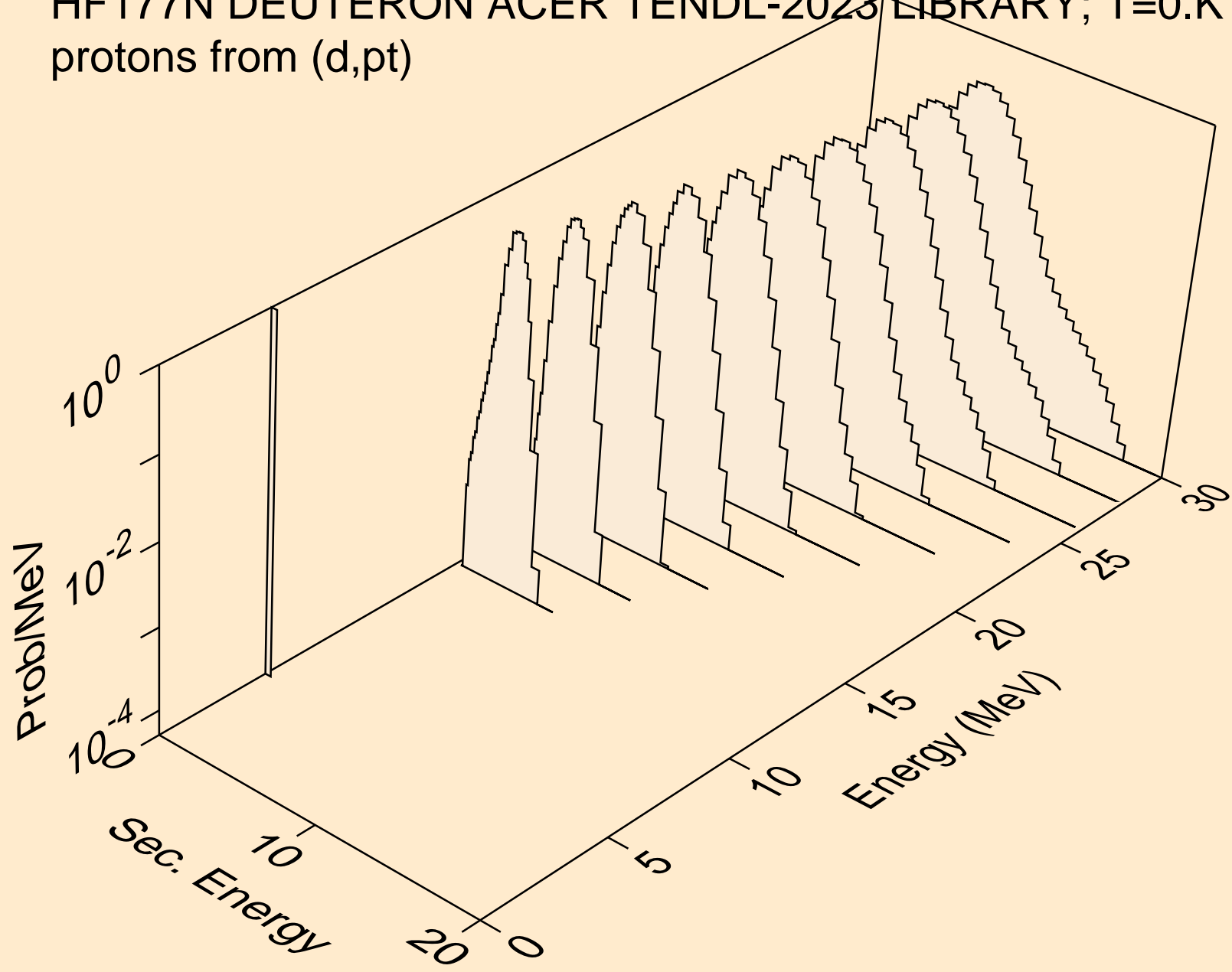
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protons from (d,pa)



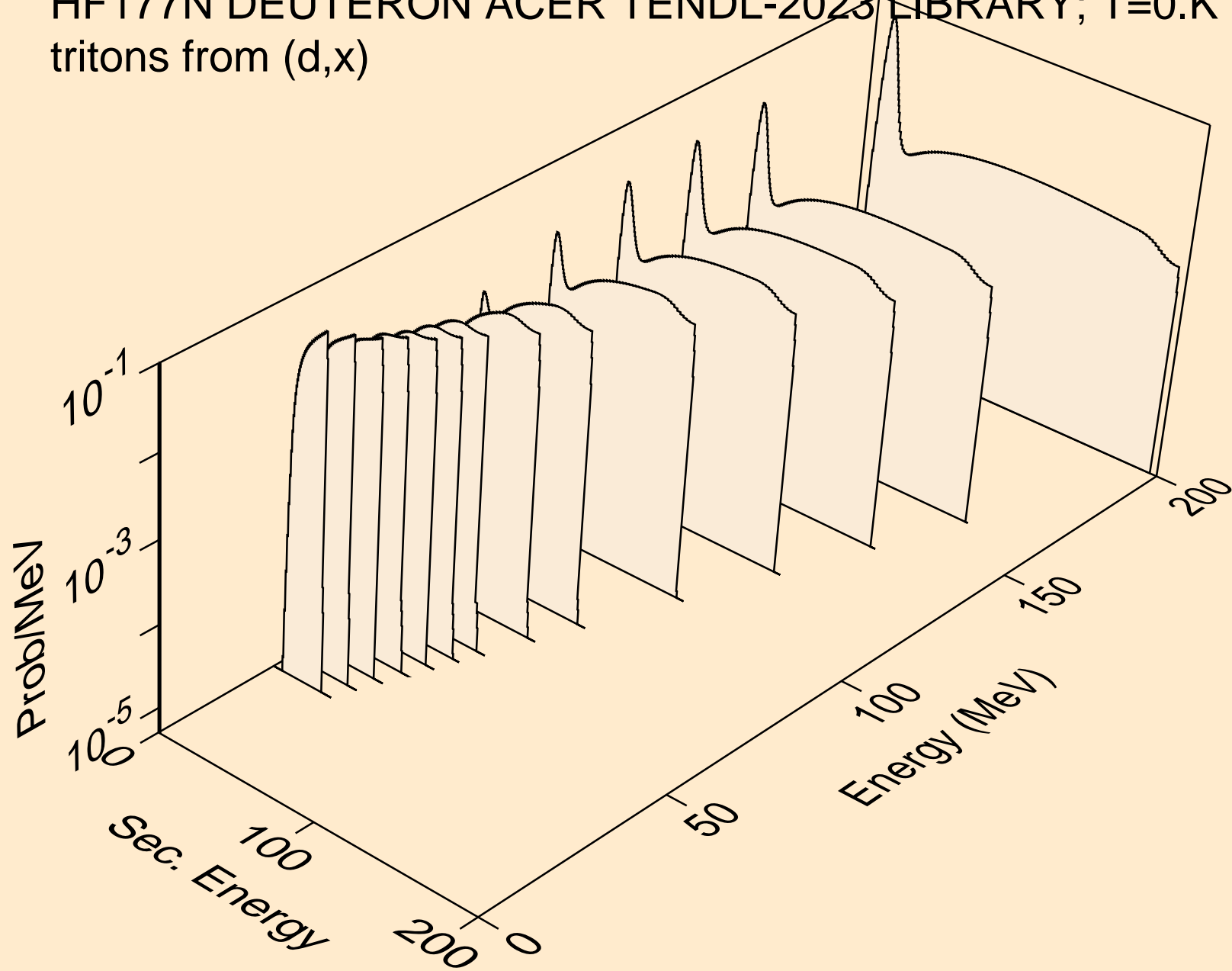
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pd)



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pt)

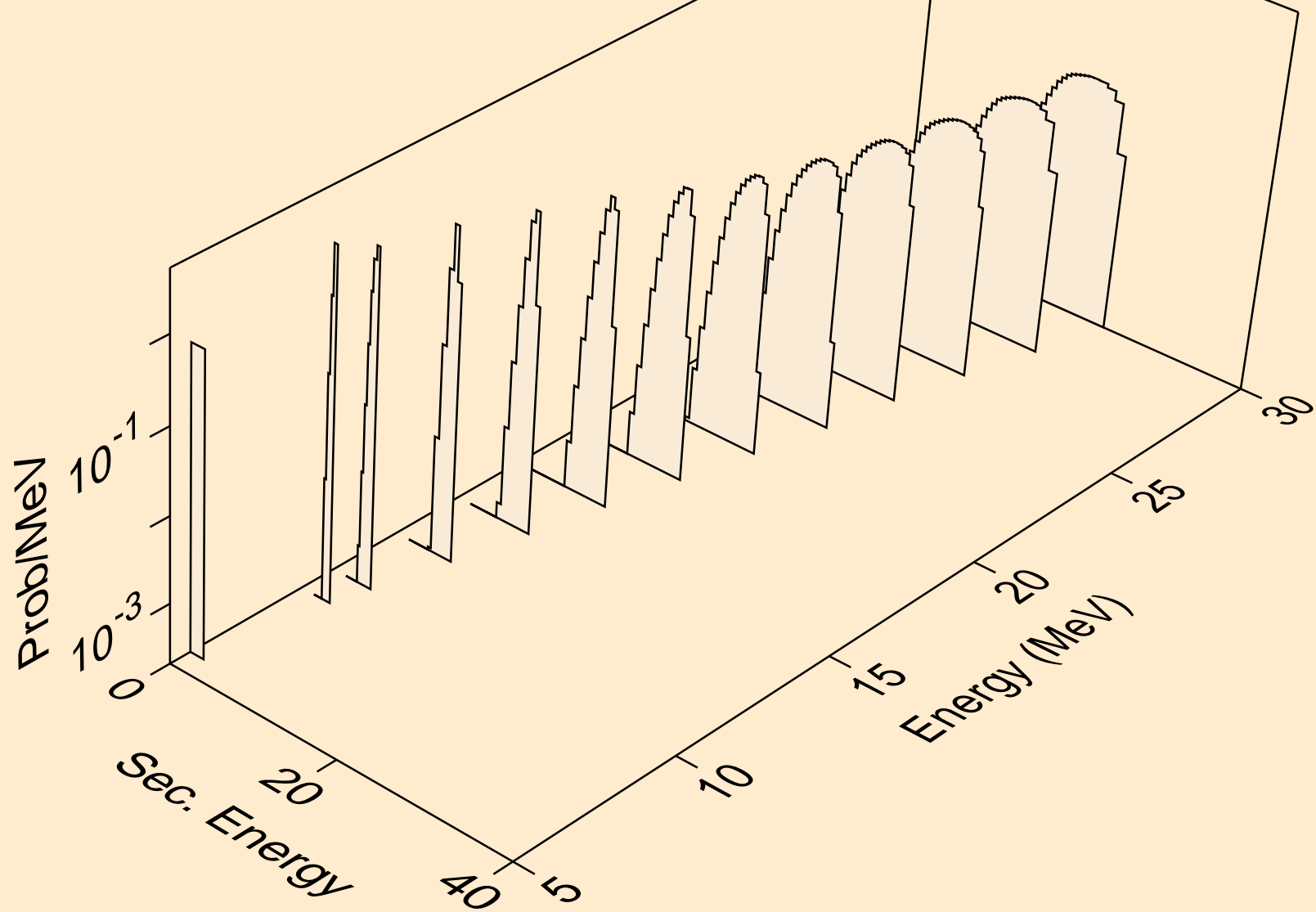


HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,x)

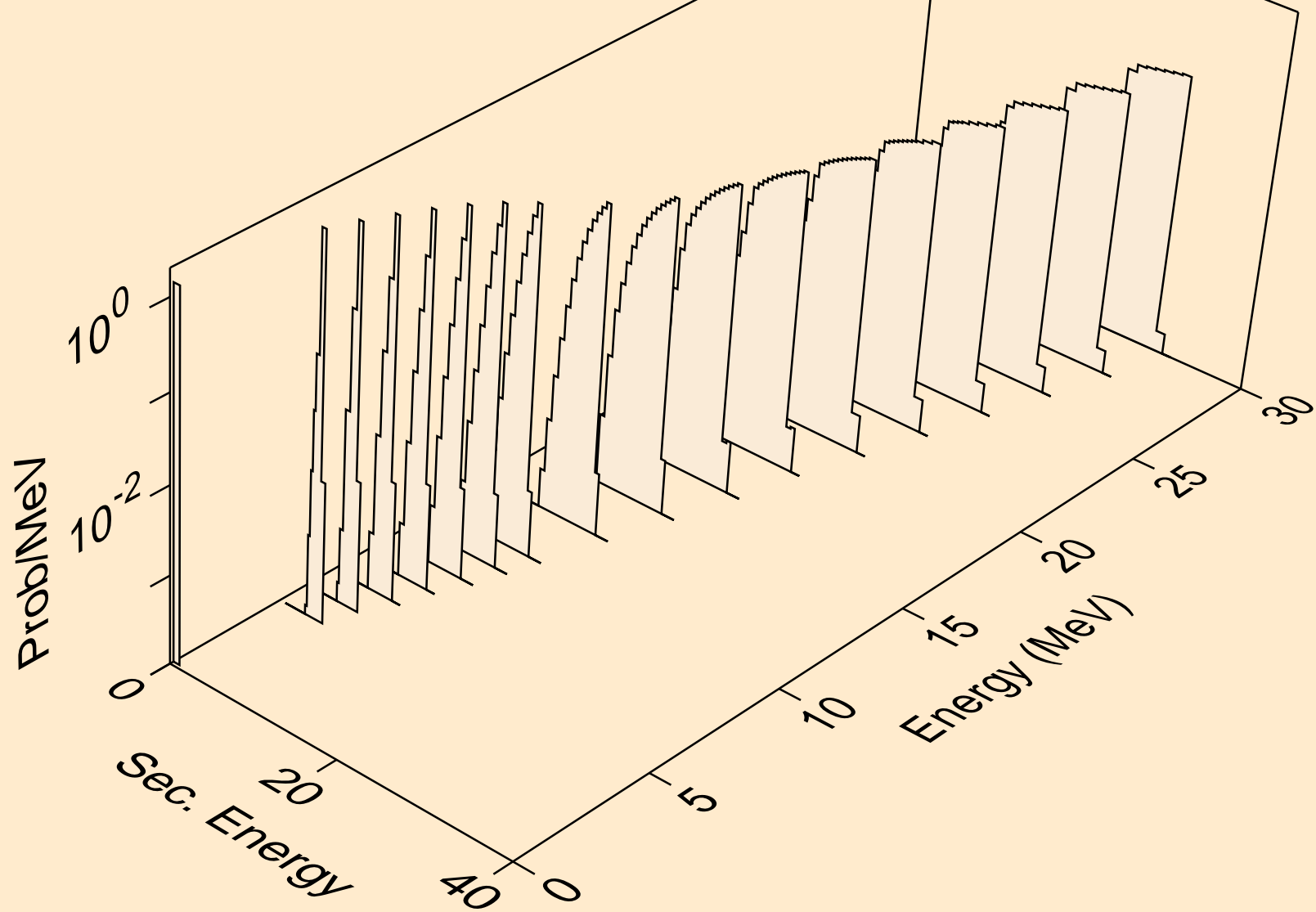




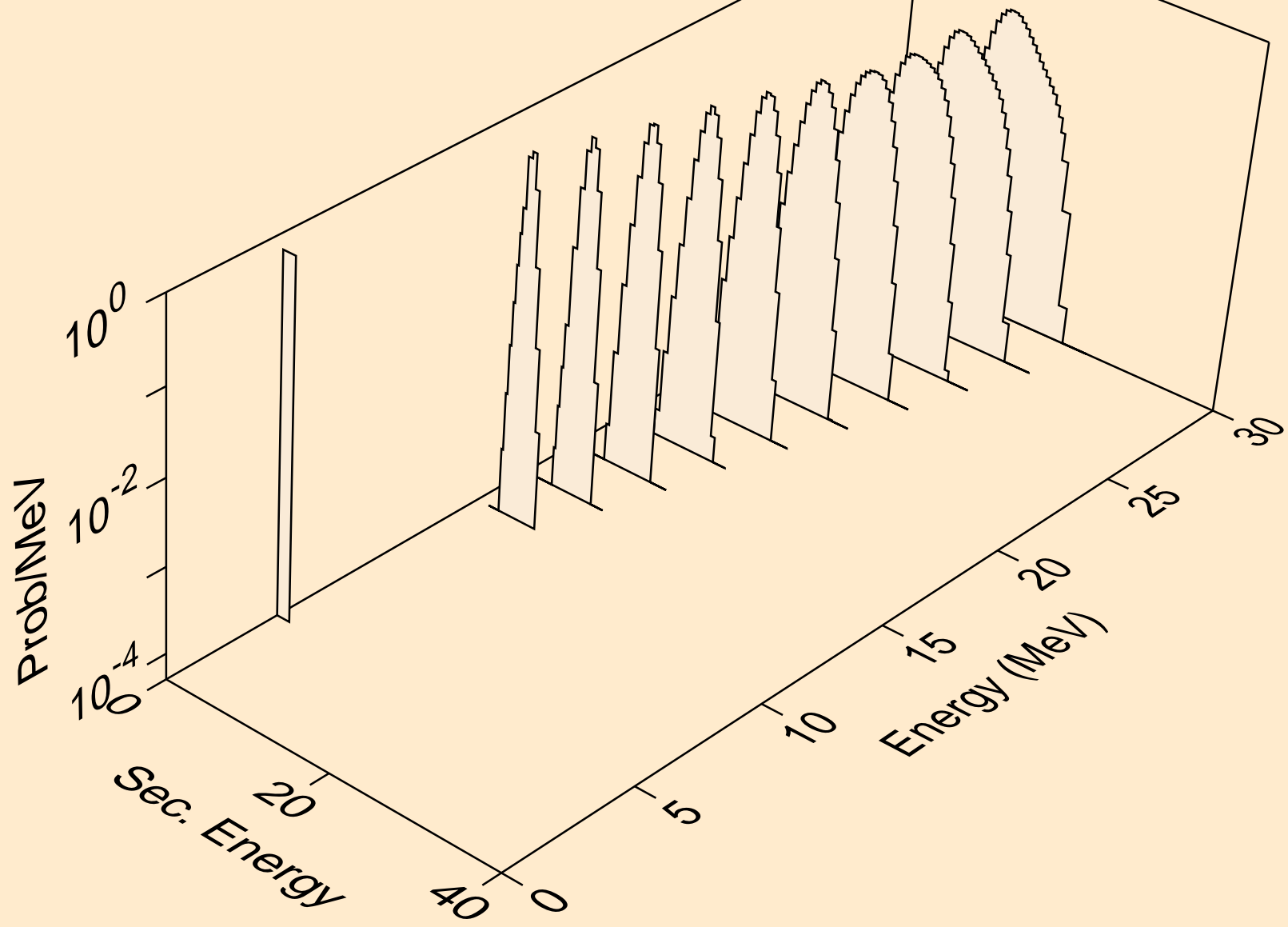
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tritons from (d,n\*)t



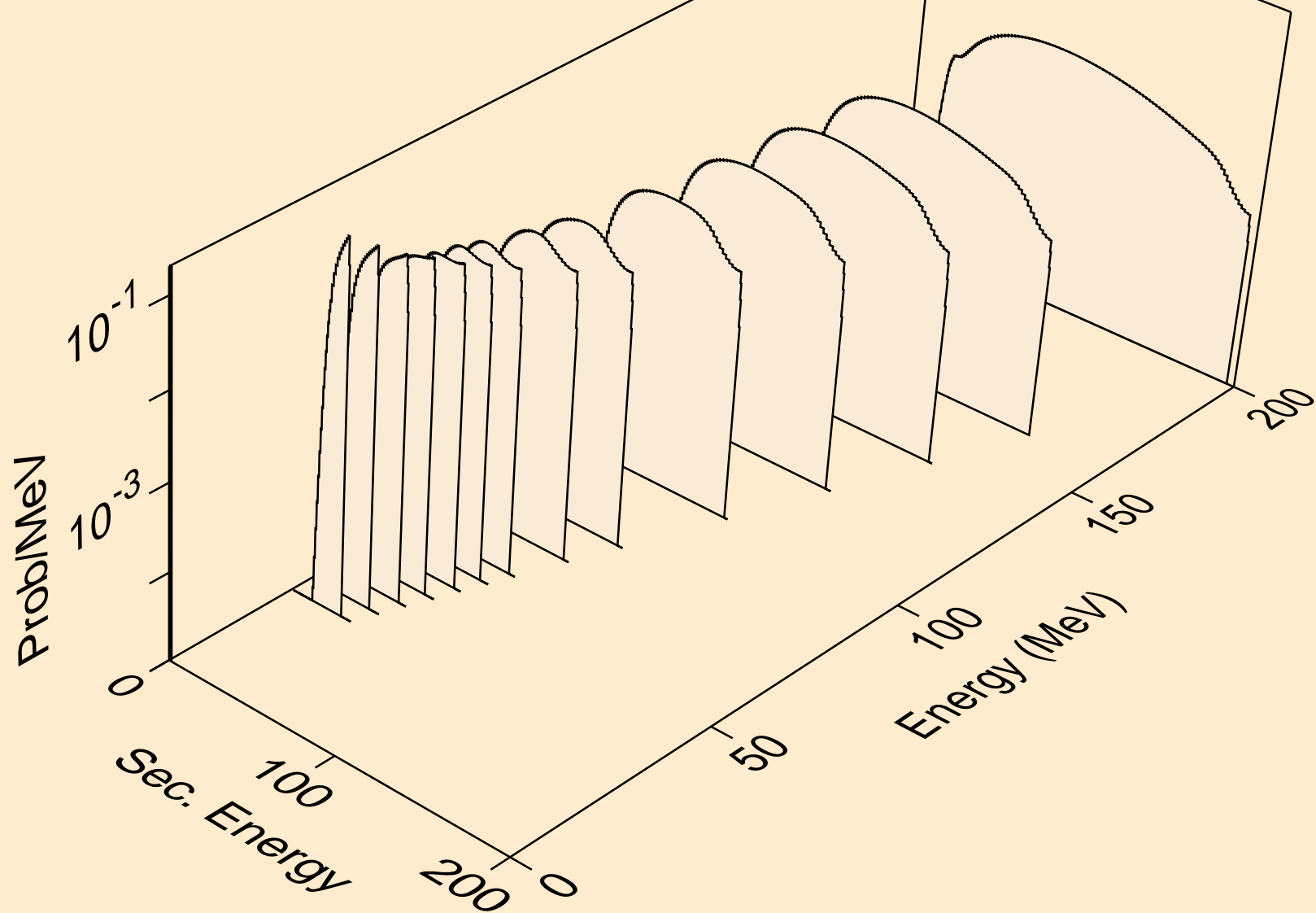
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tritons from (d,t)



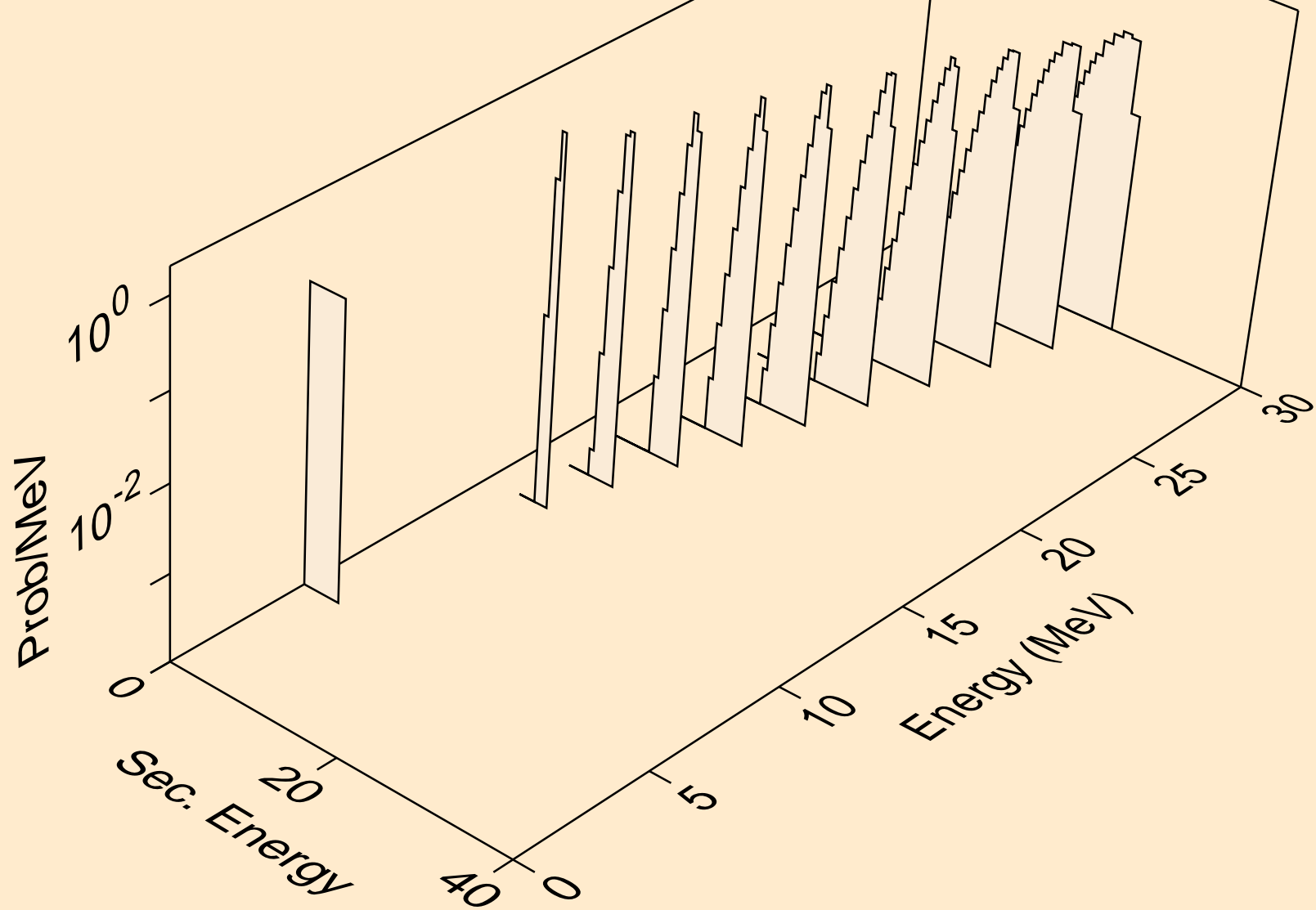
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tritons from (d,pt)



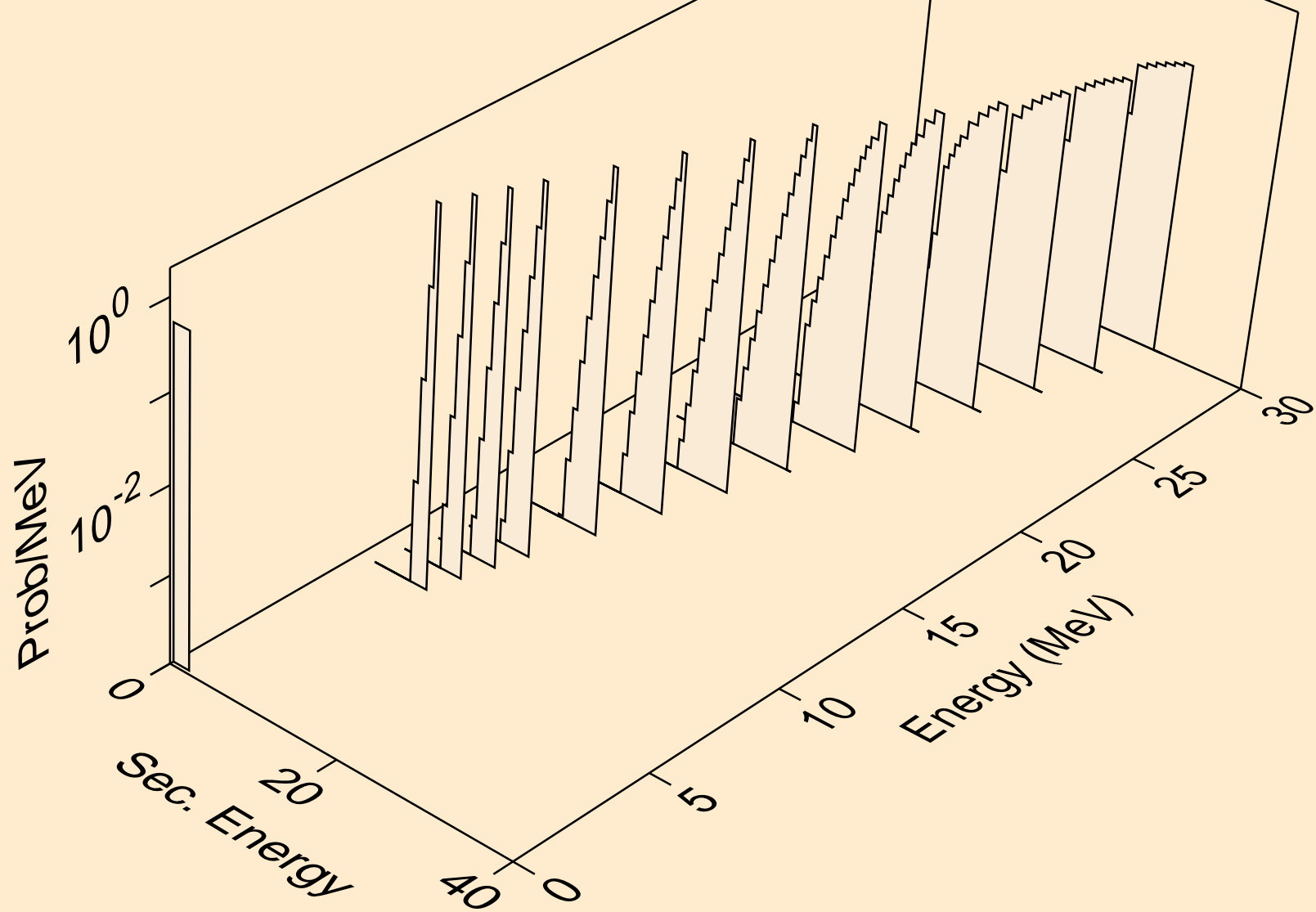
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he3s from (d,x)



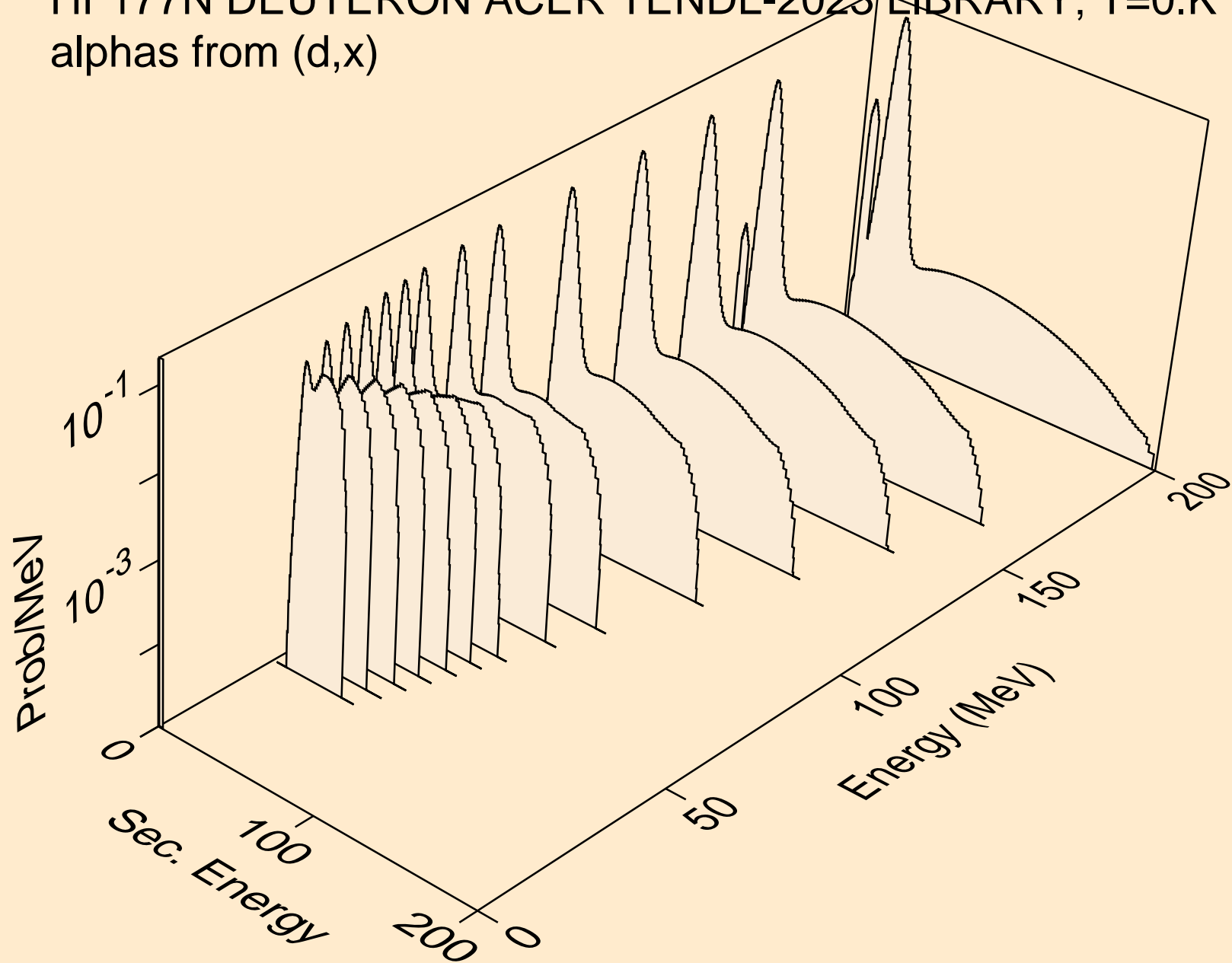
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he3s from (d,n\*)he3



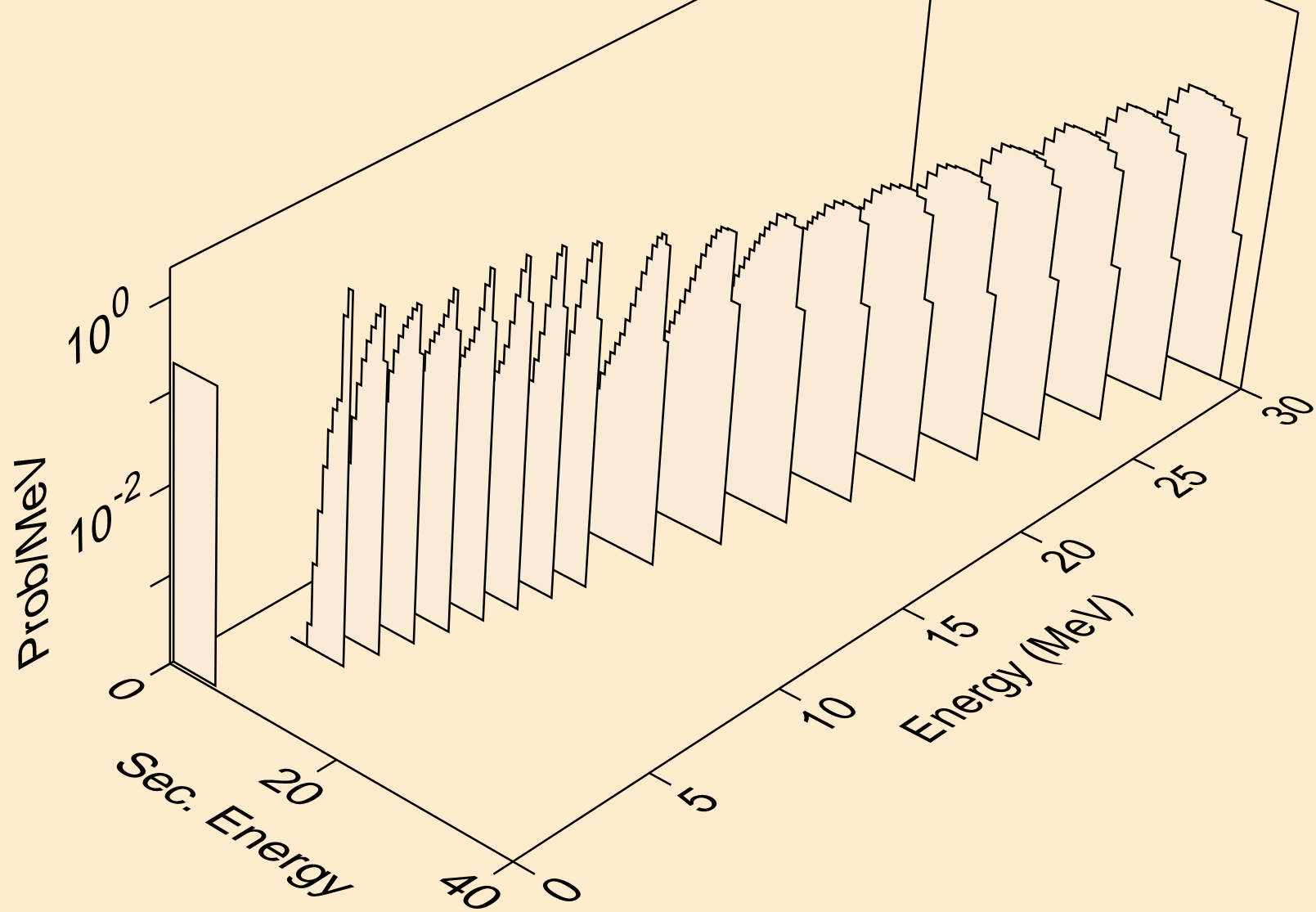
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he3s from (d,he3)



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,x)

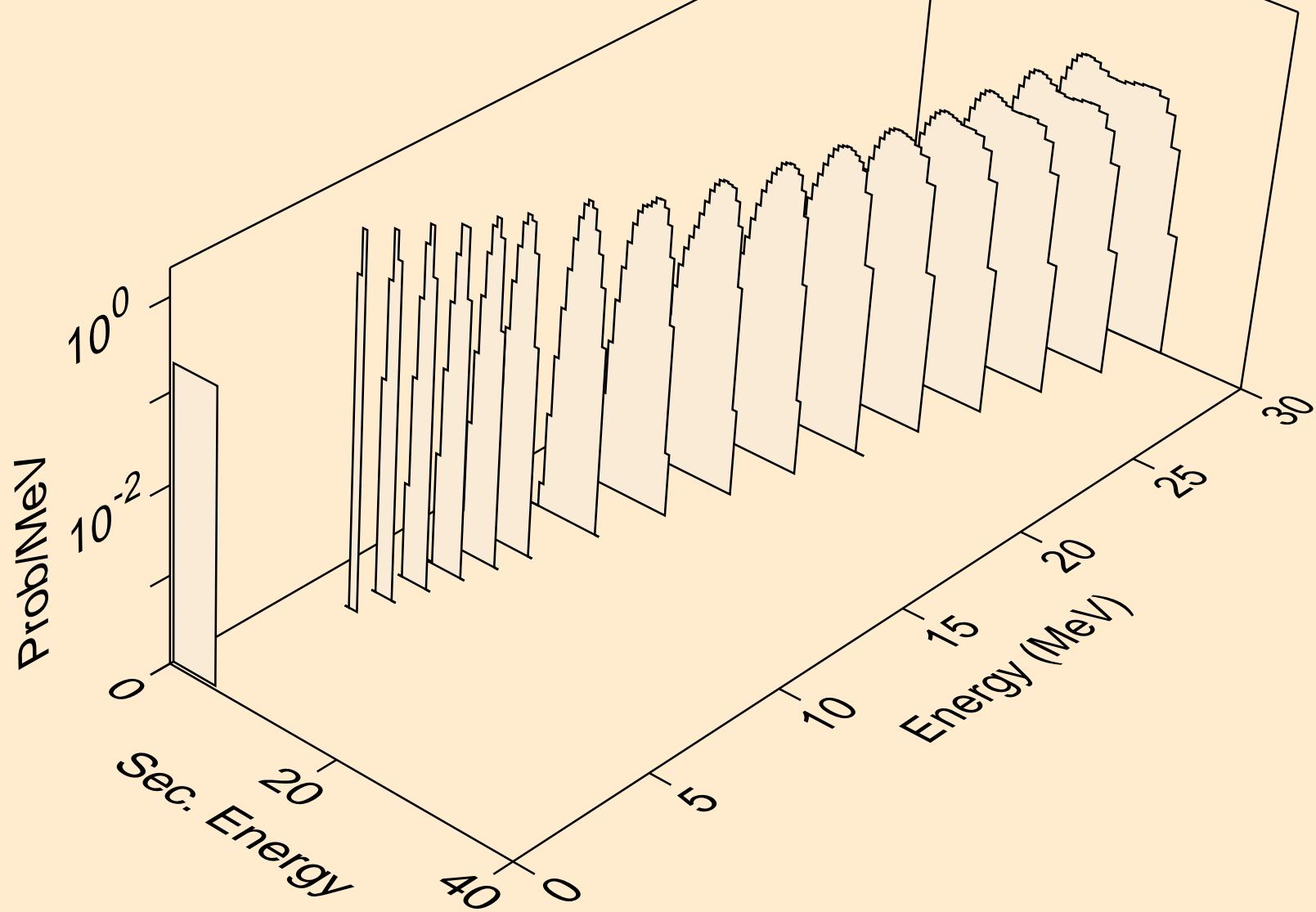


HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a

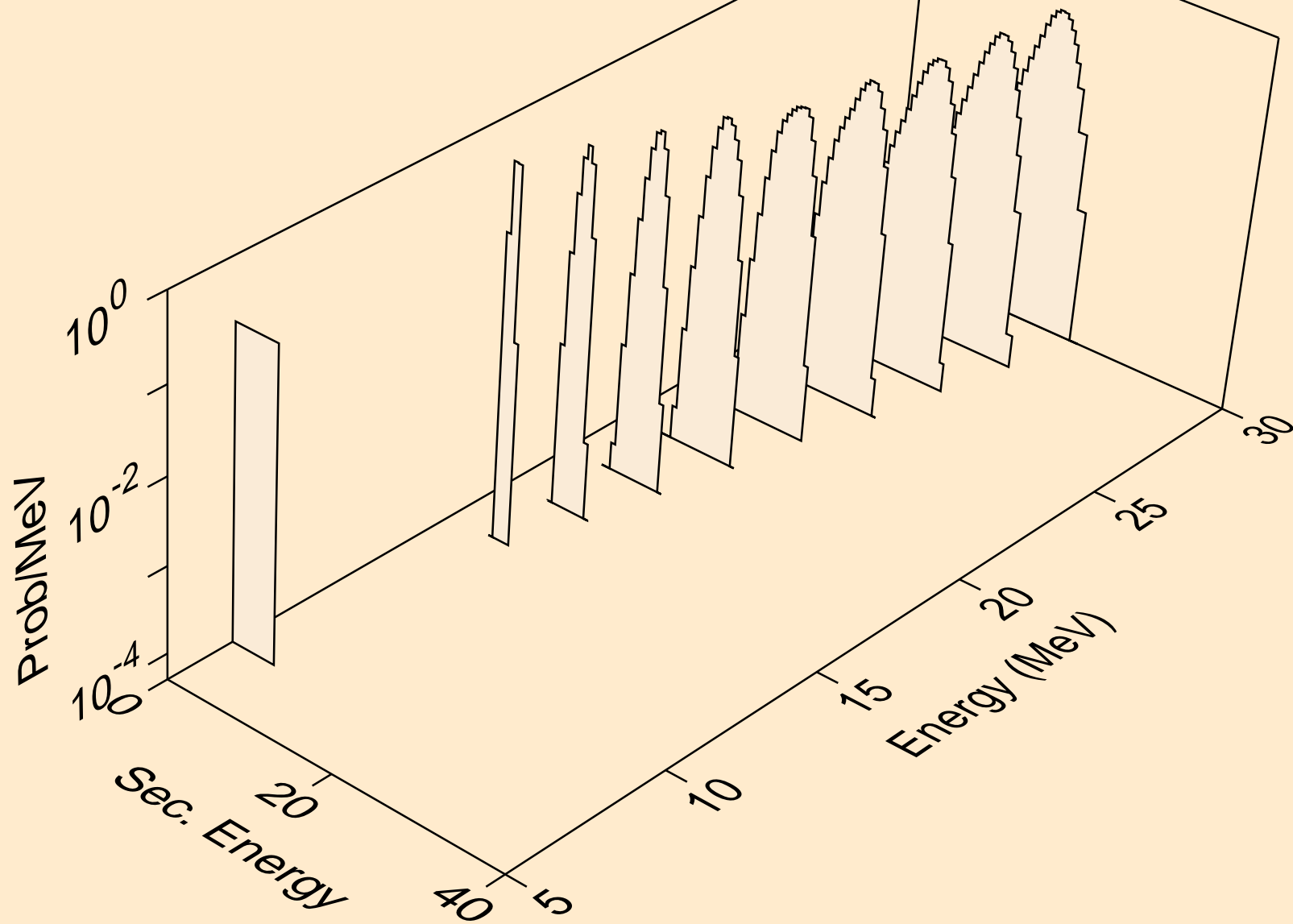




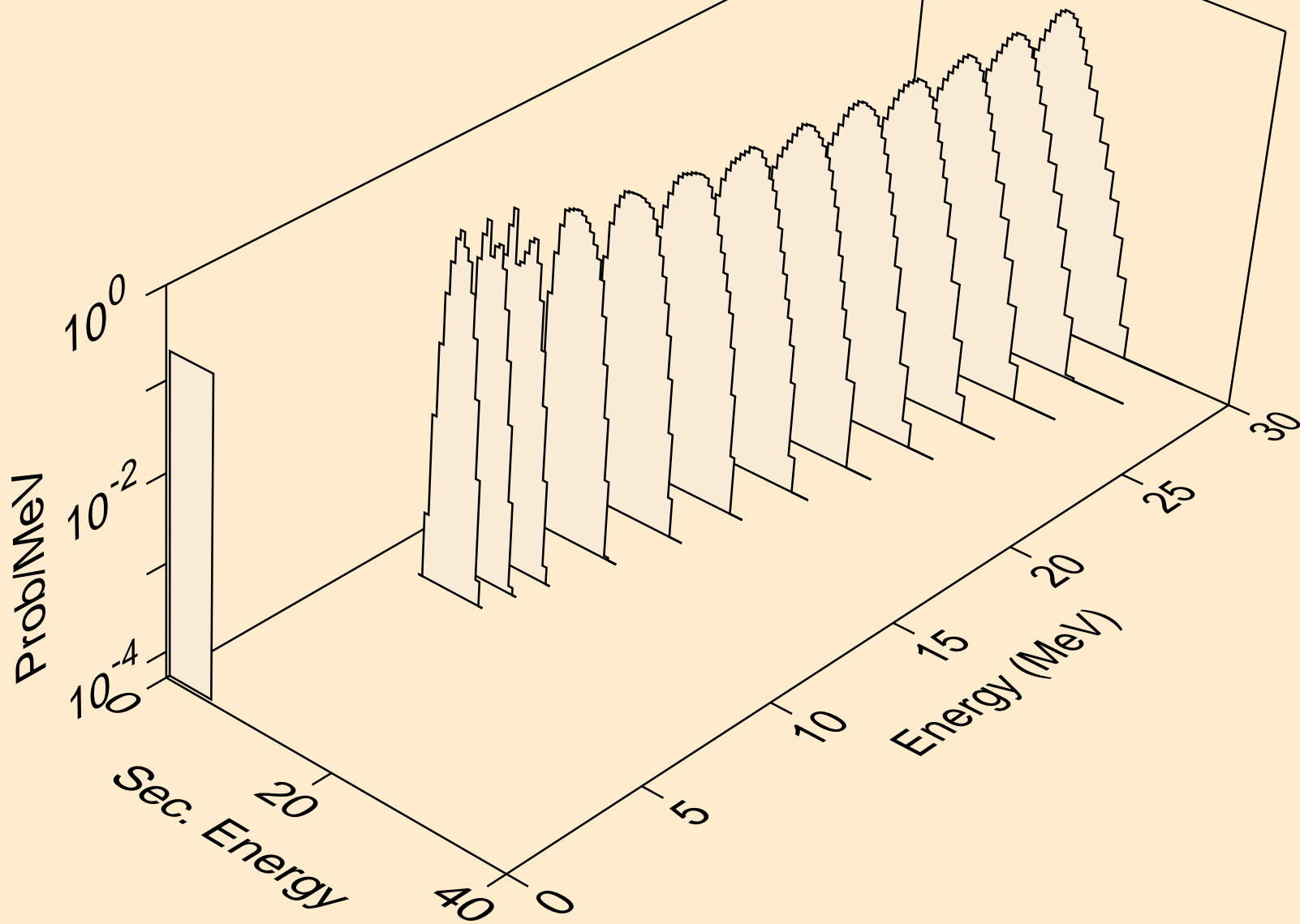
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alphas from (d,2n)a



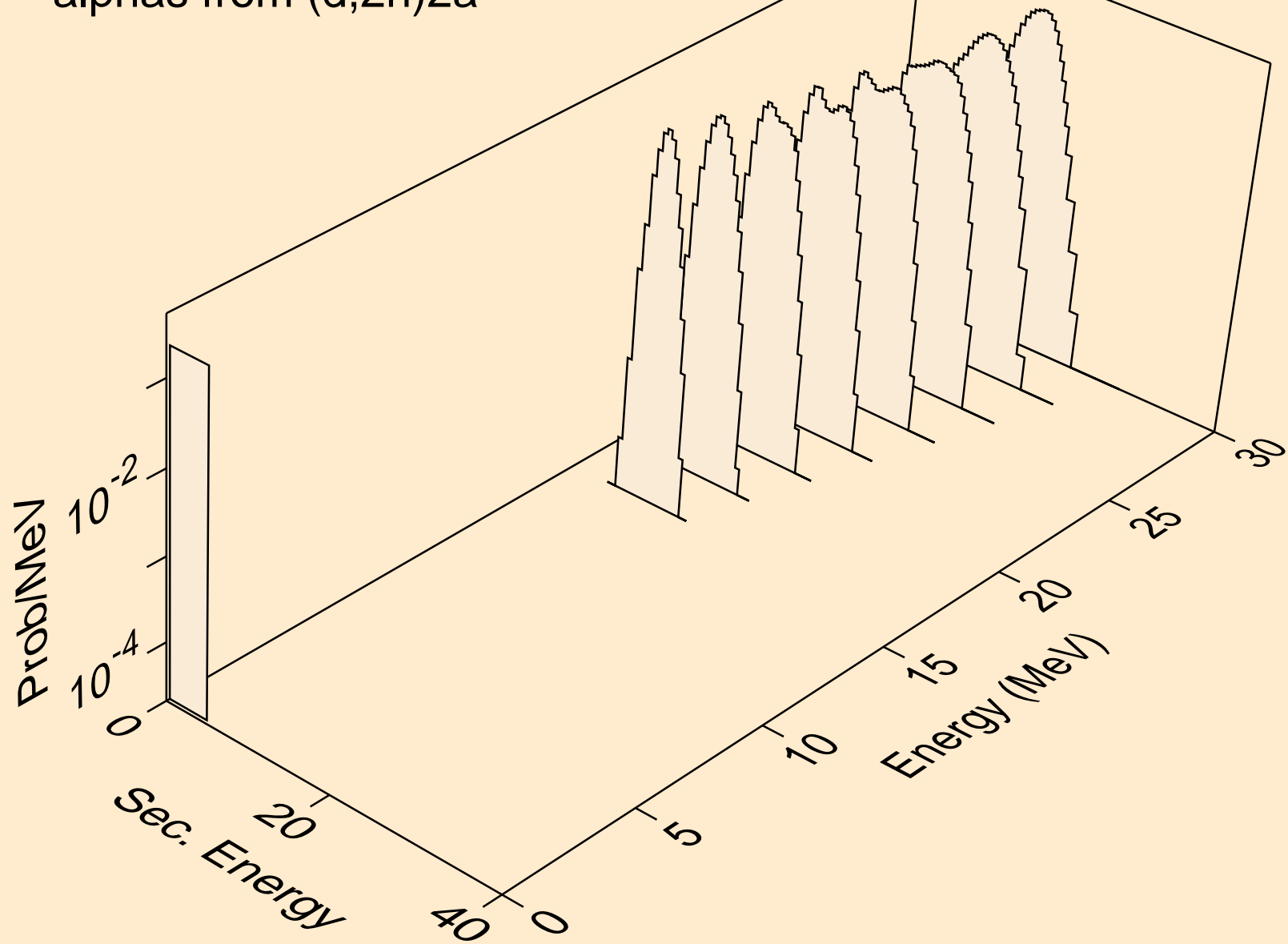
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alphas from (d,3n)a



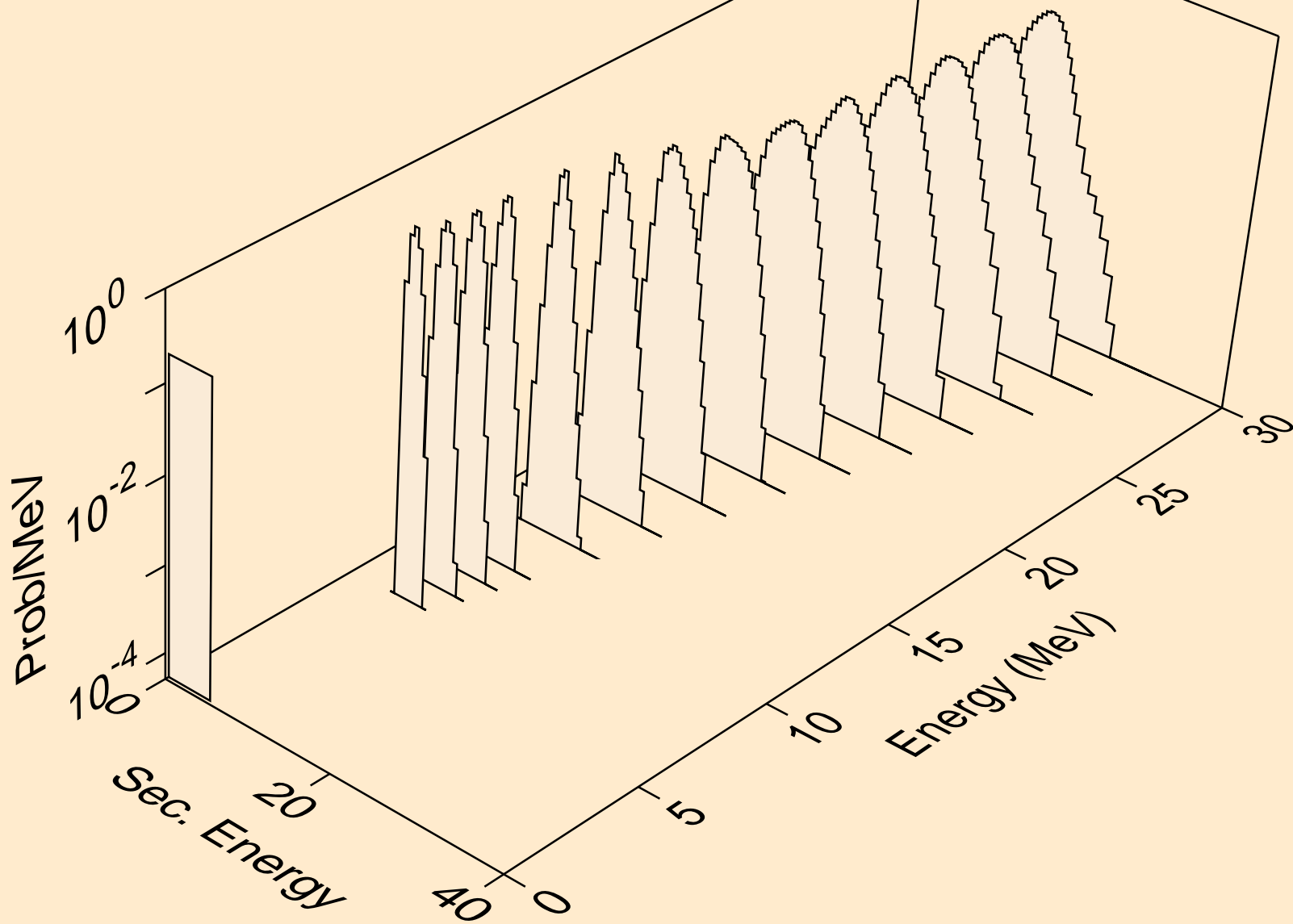
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alphas from (d,n\*)2a



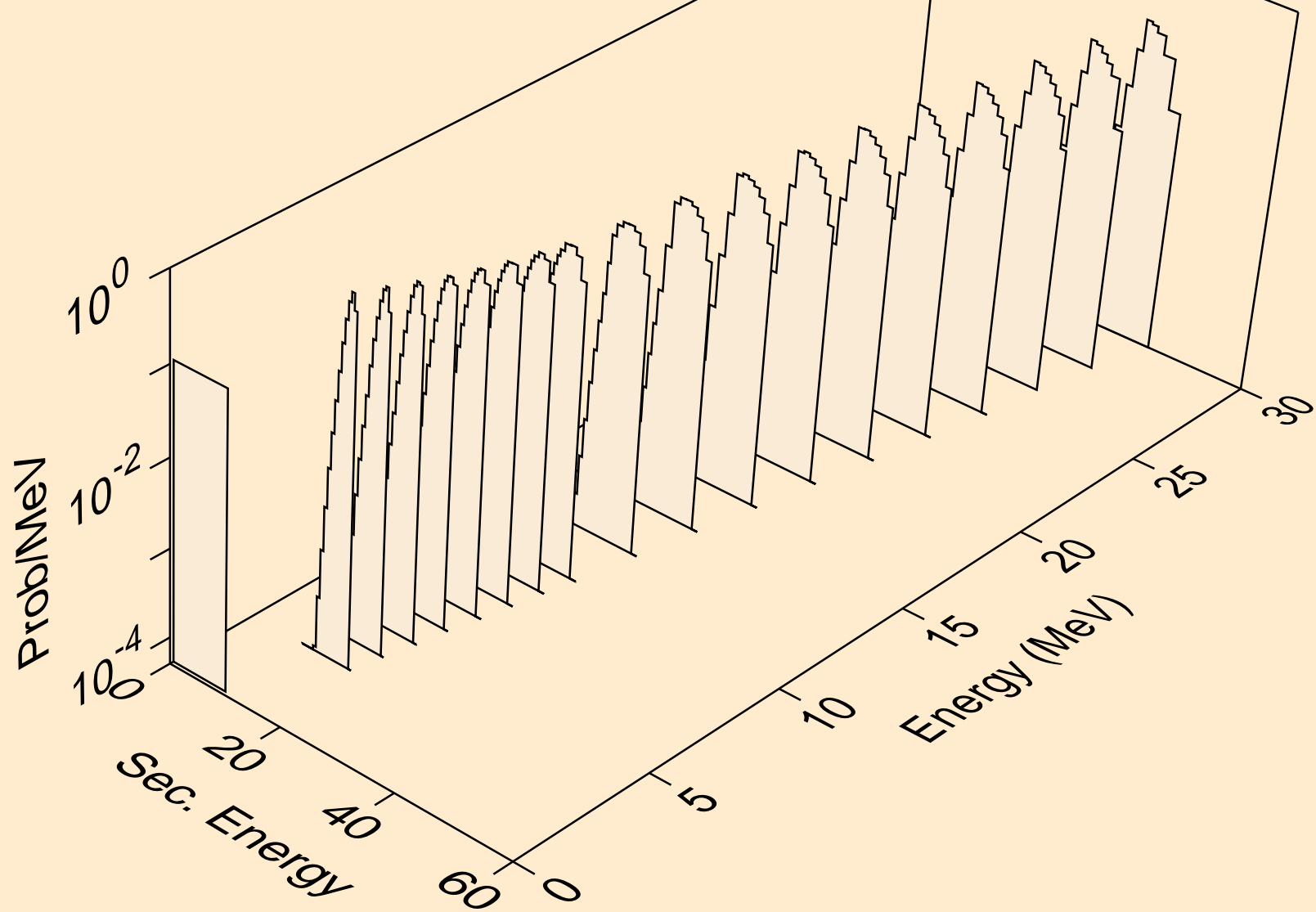
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alphas from (d,2n)2a



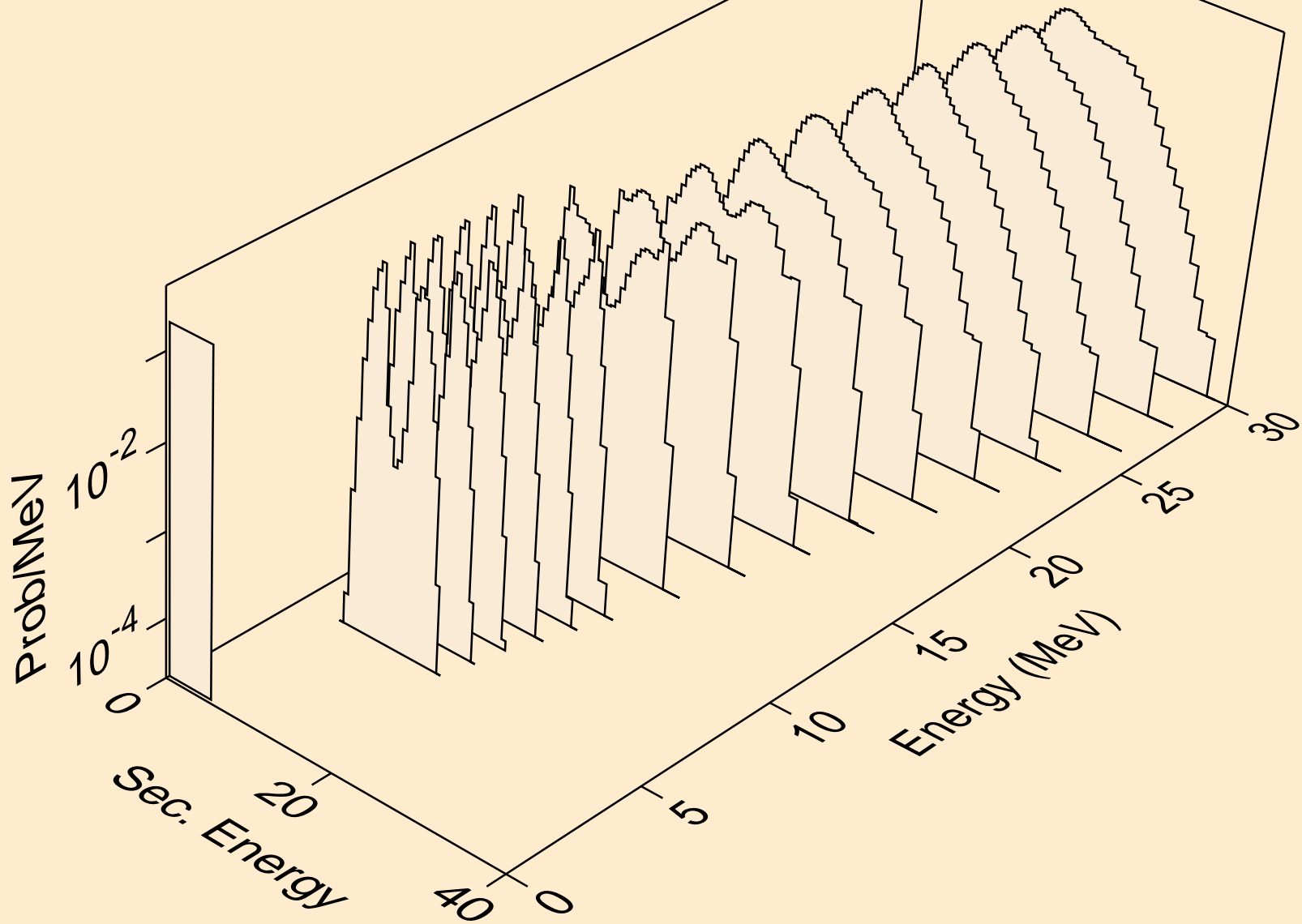
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alphas from (d,npa)



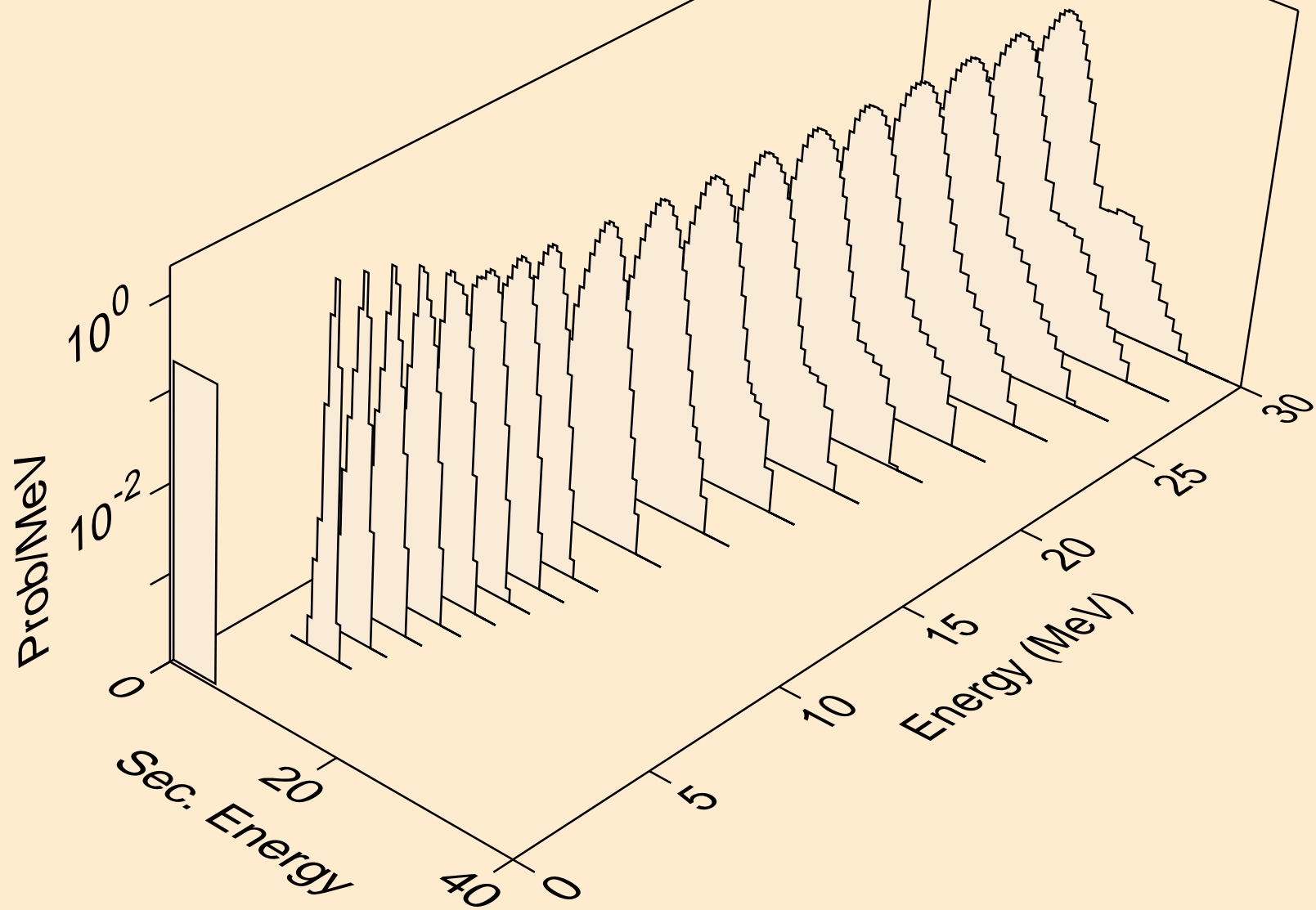
HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,a)



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2a)



HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)





HF177N DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

