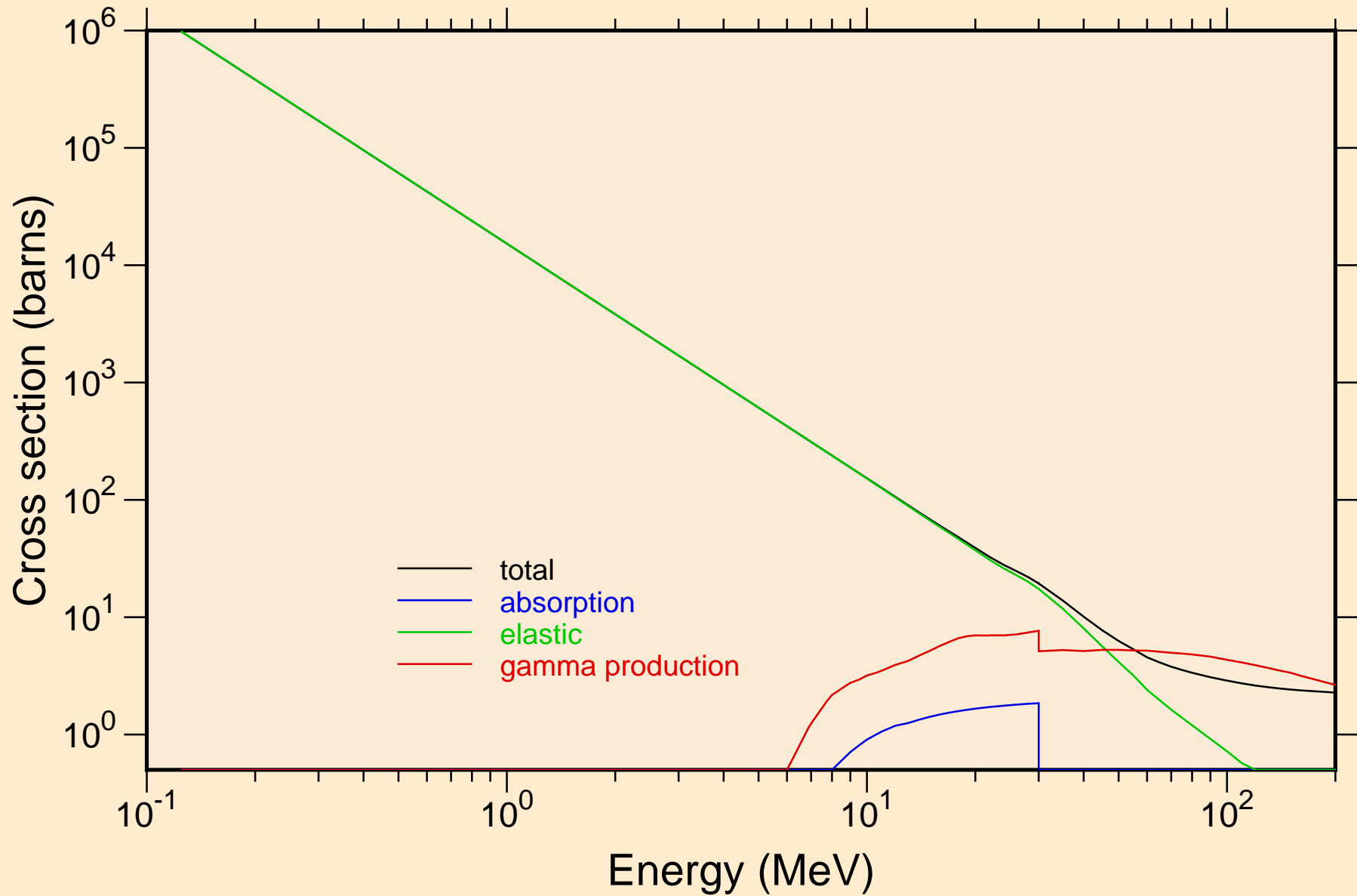


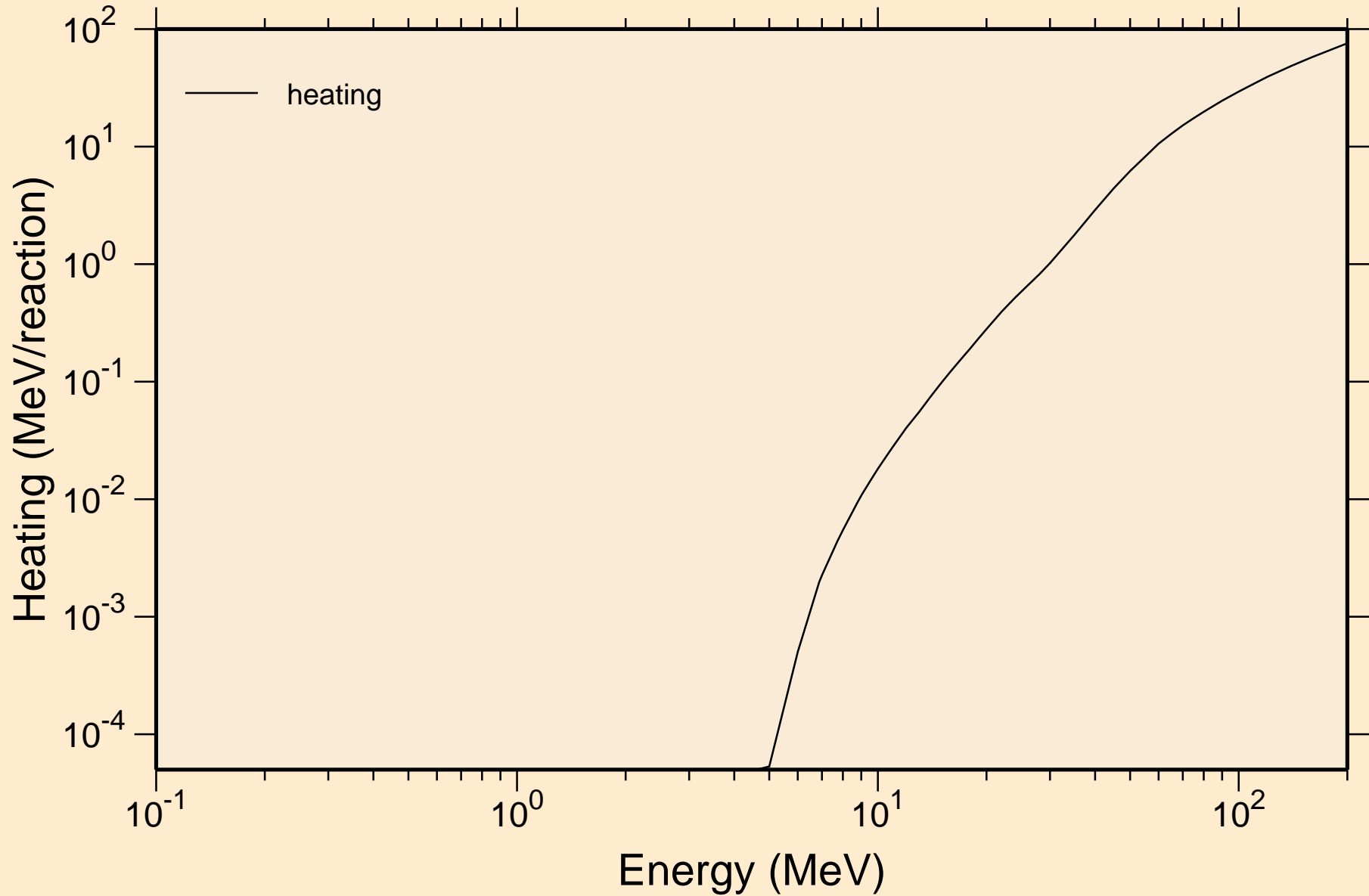
# IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

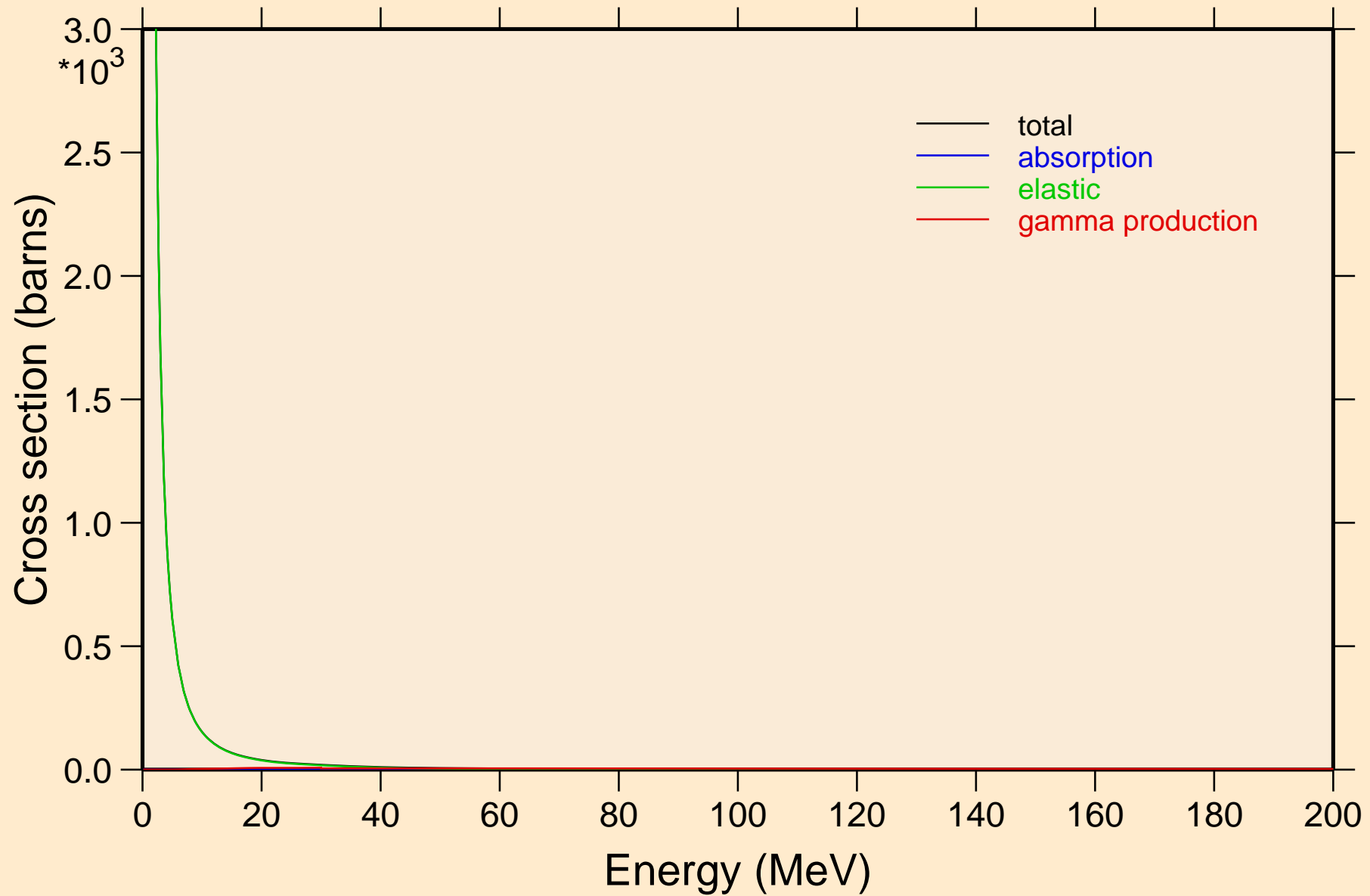


# IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

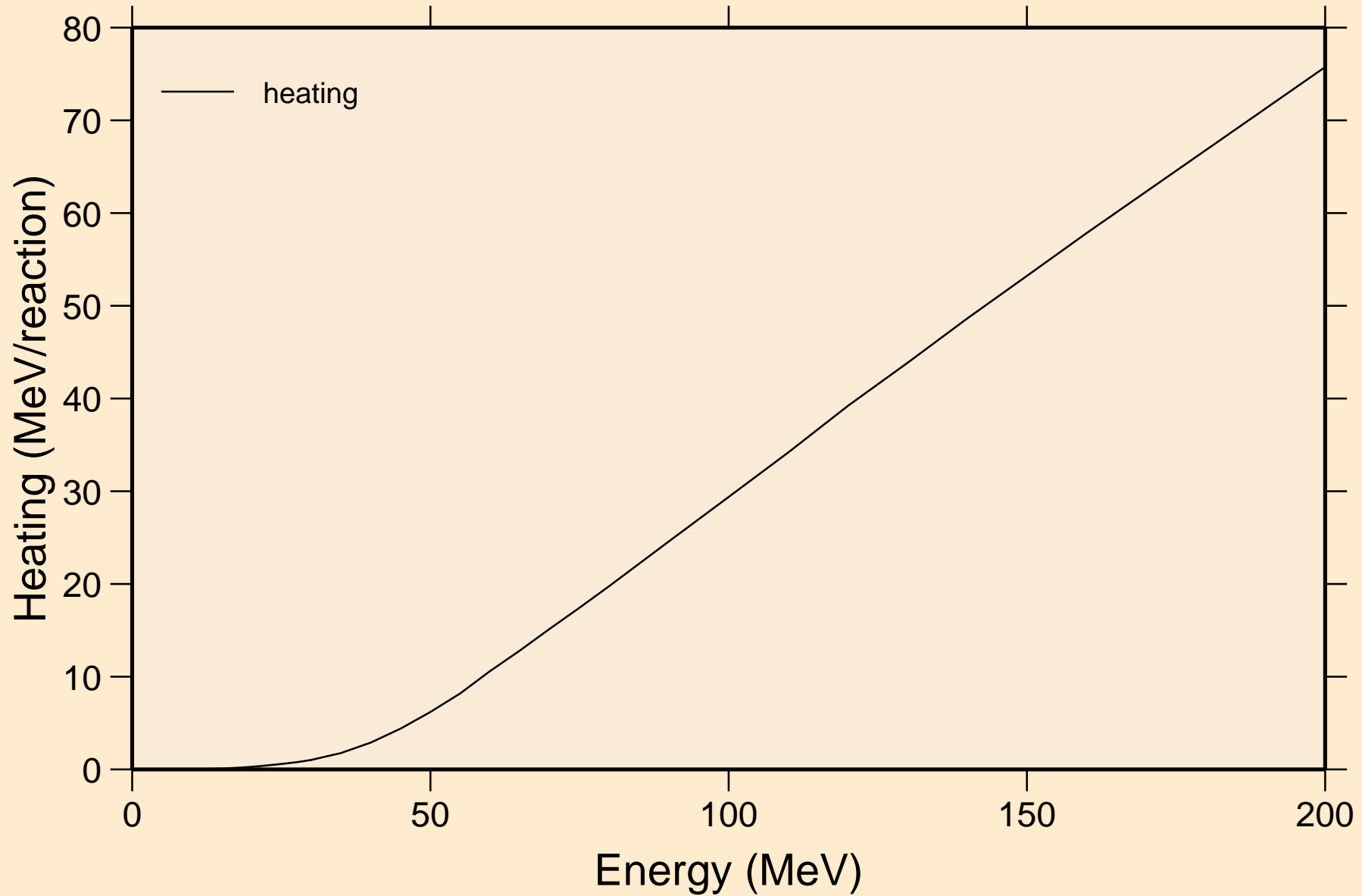


IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

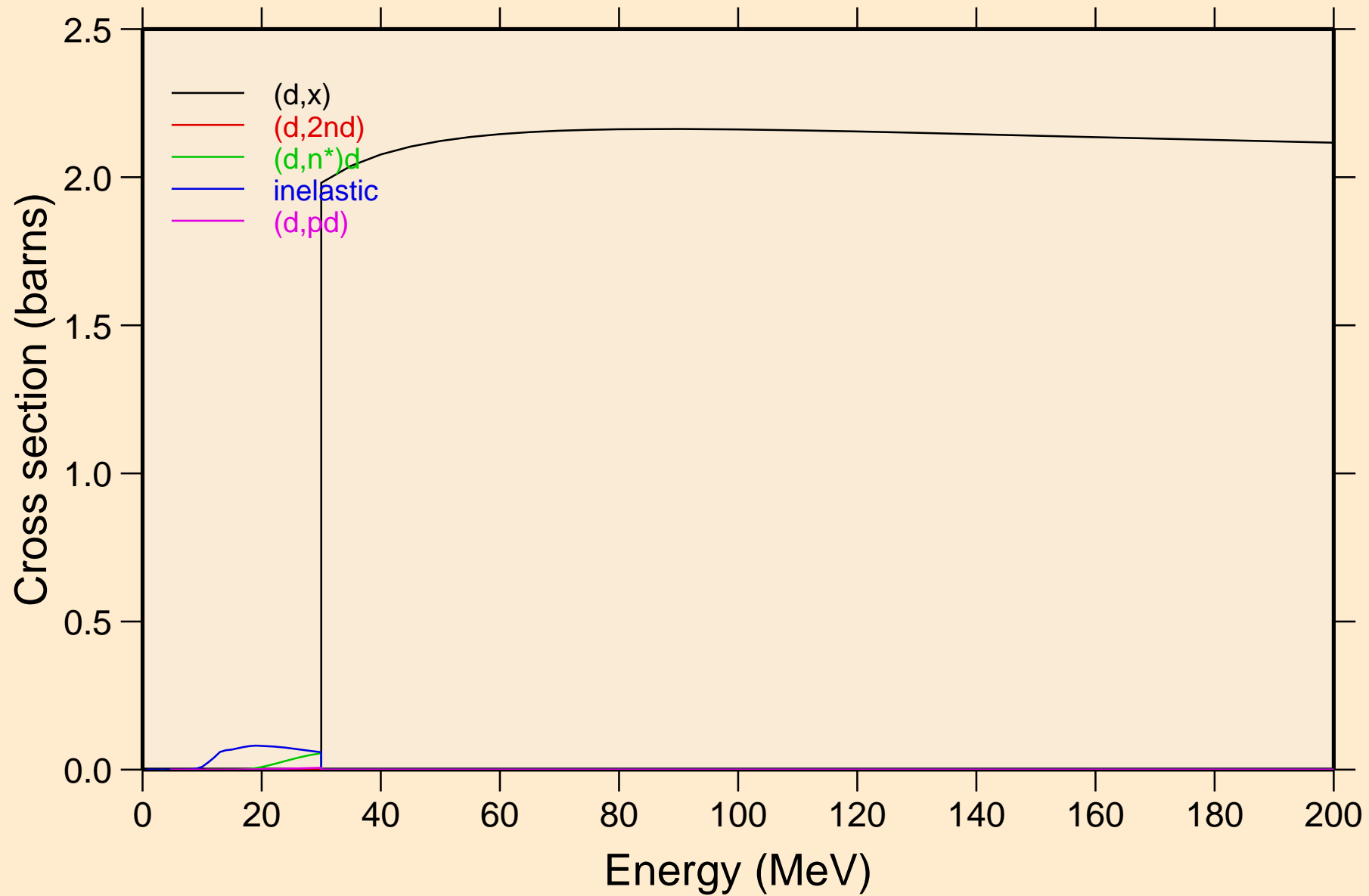


# IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

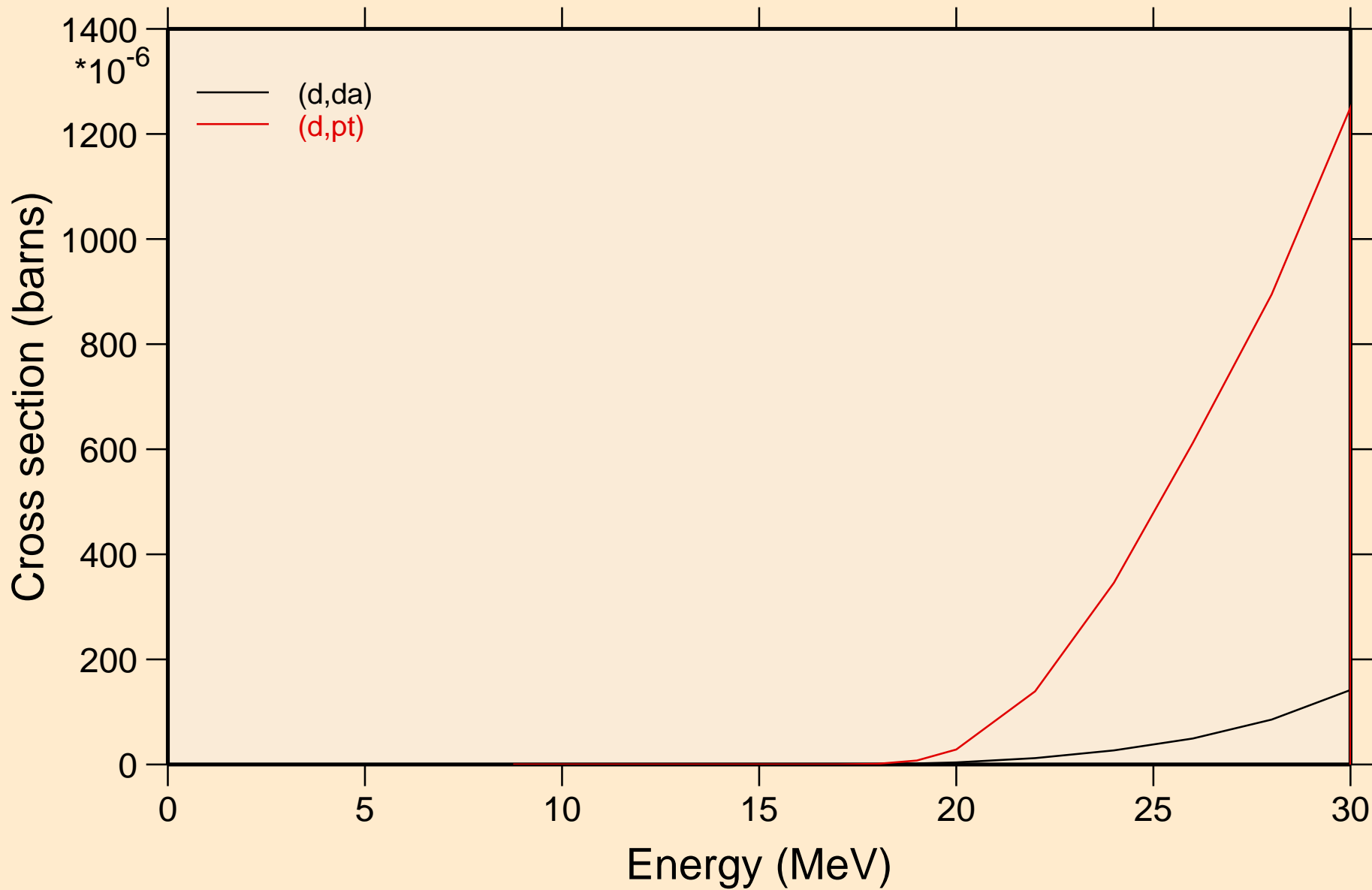
## Heating



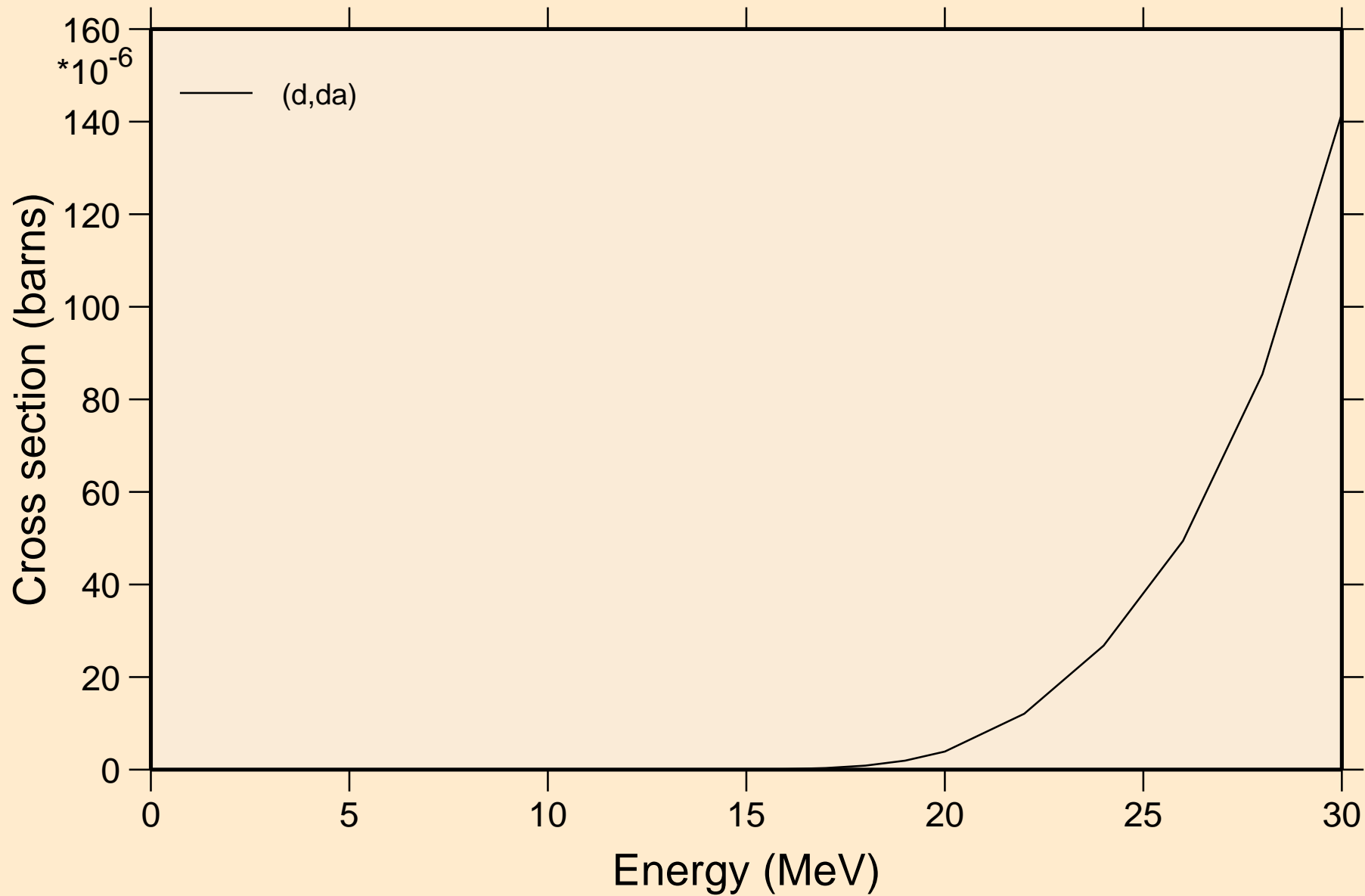
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



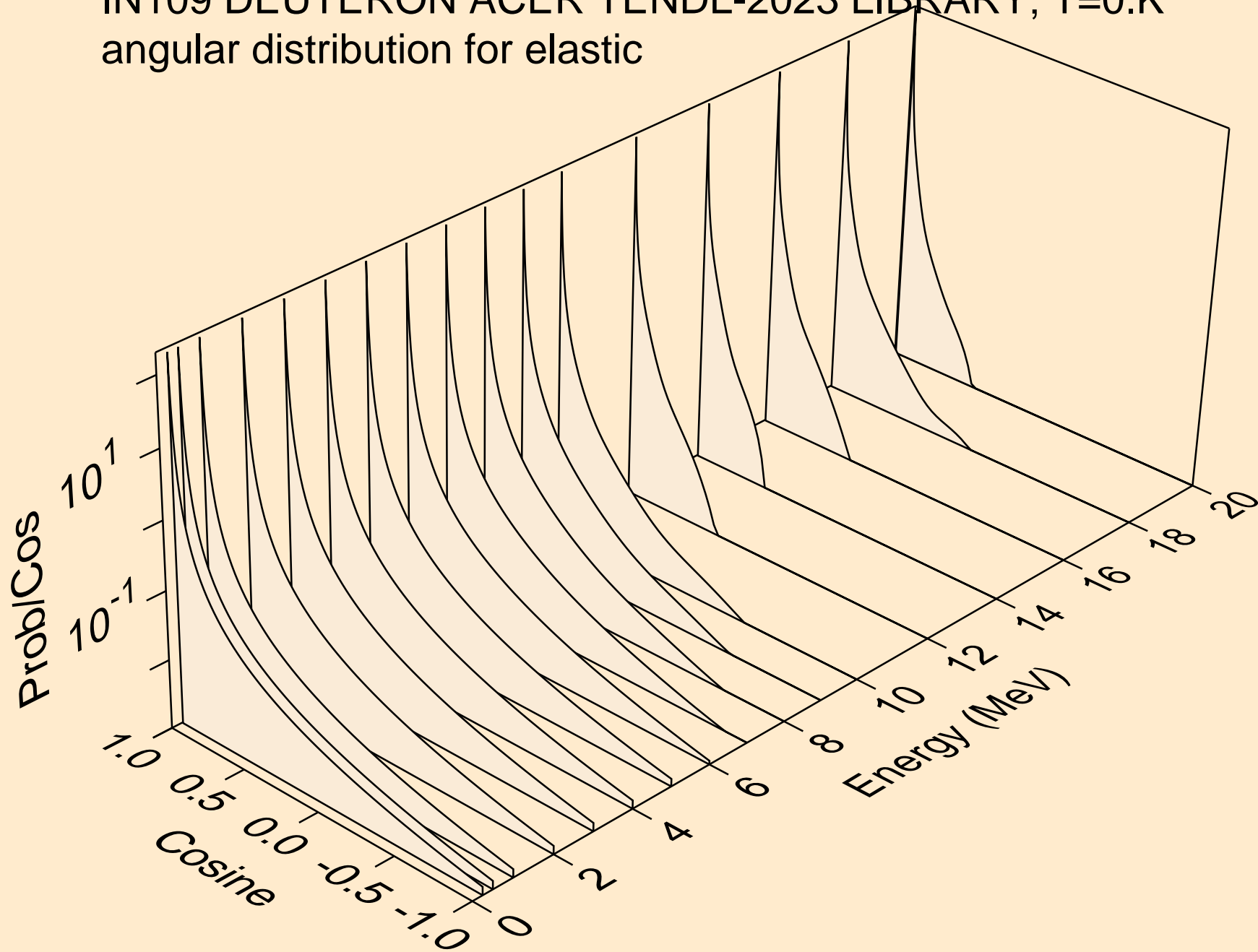
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

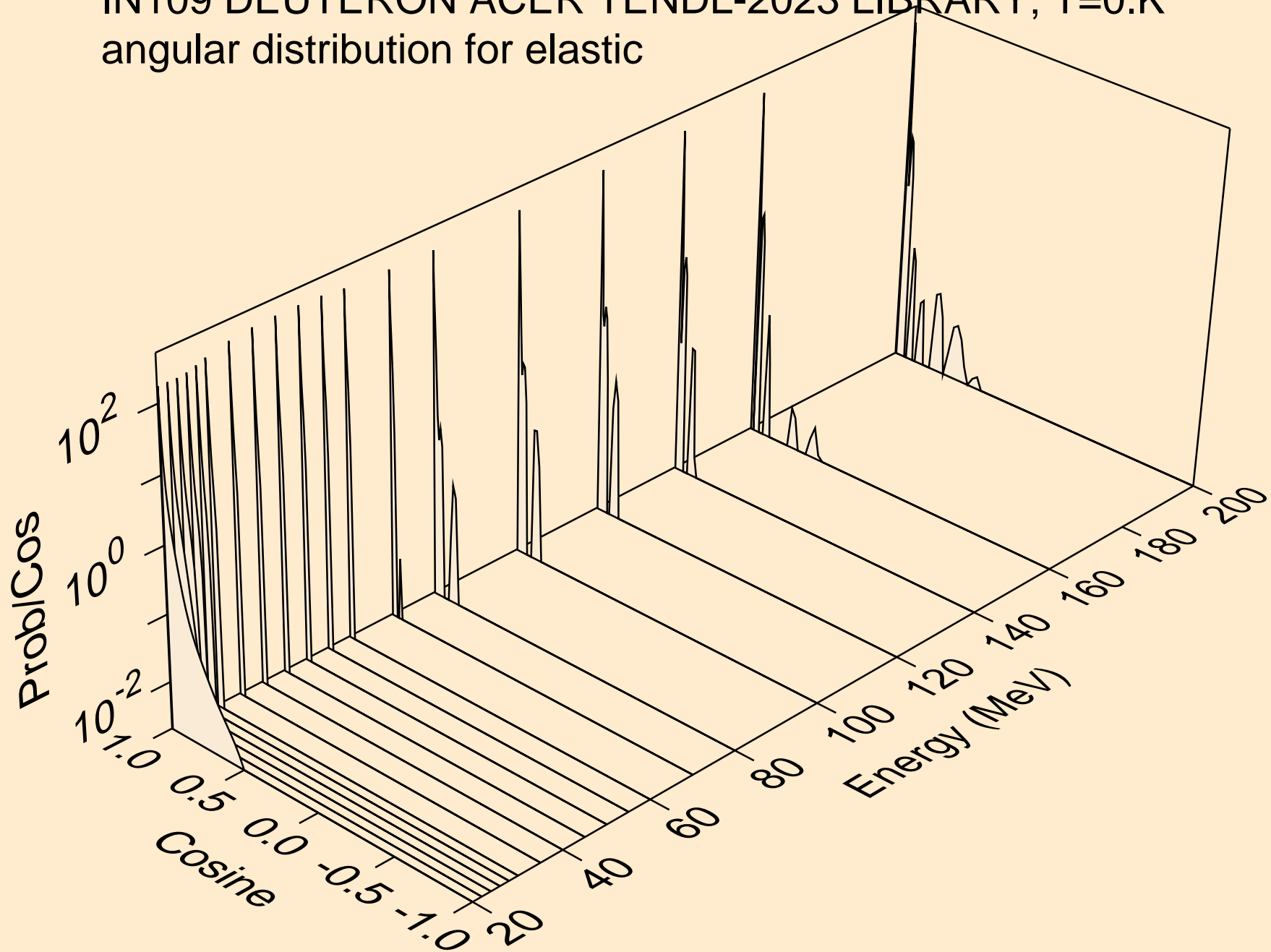


IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

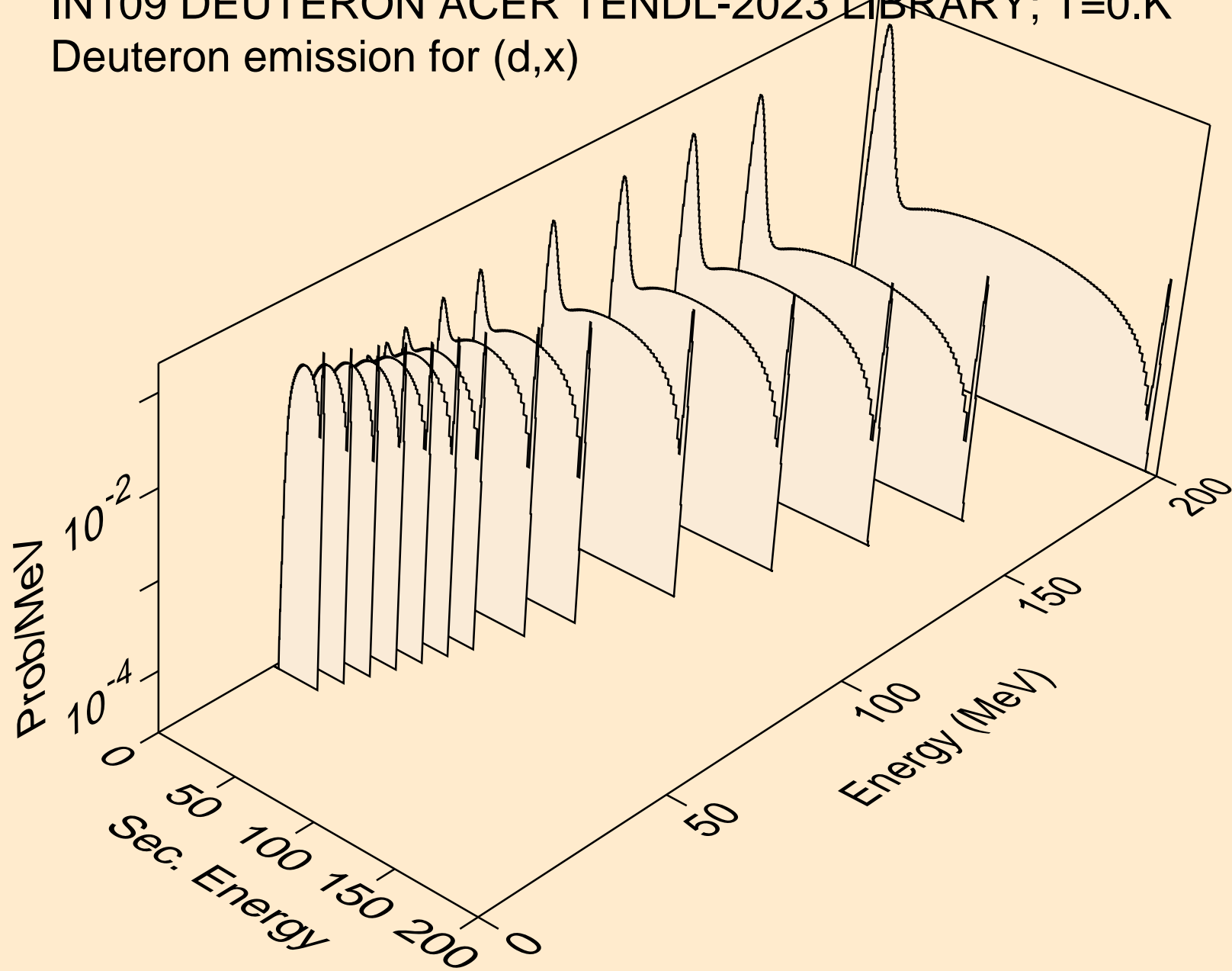




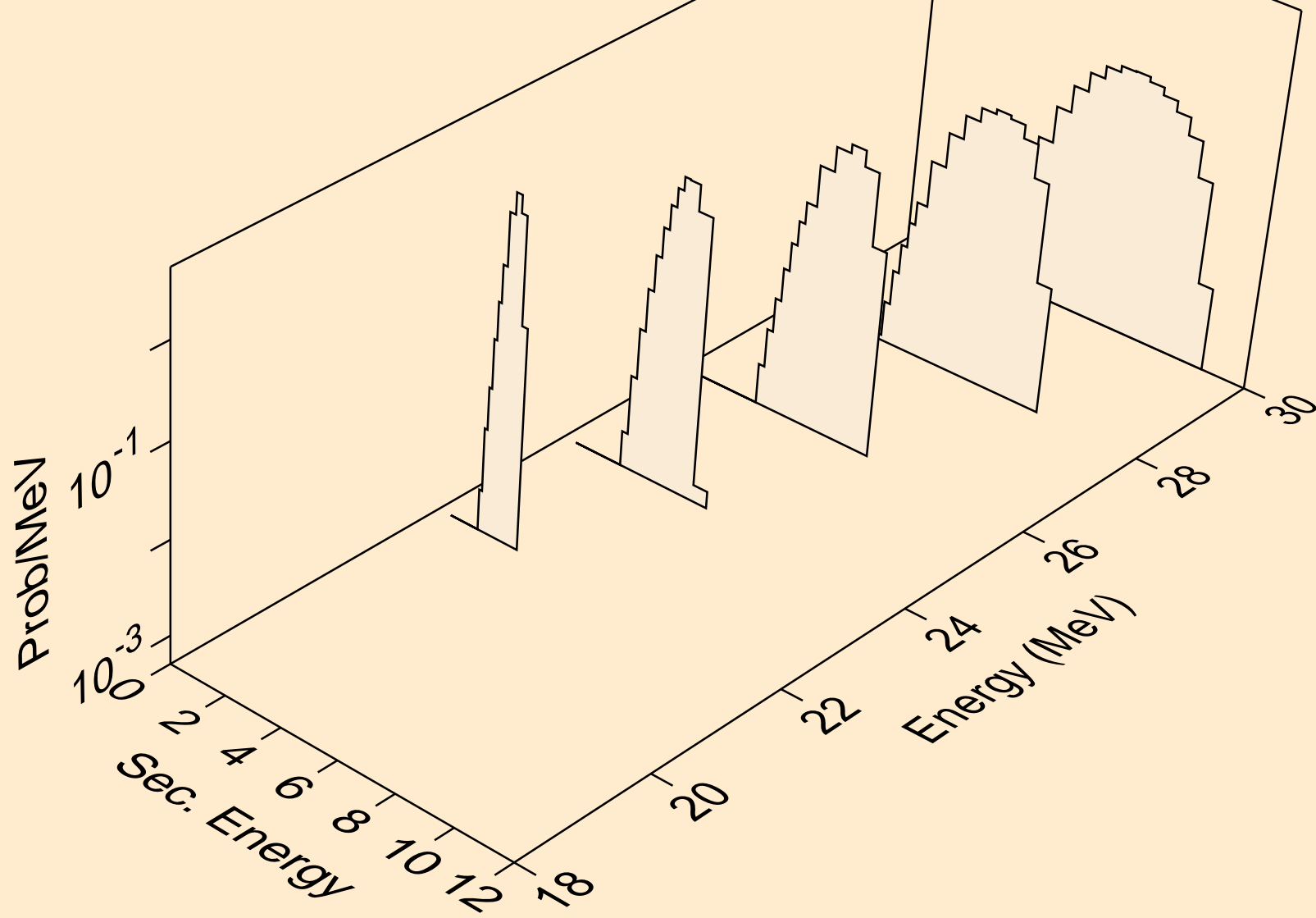
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



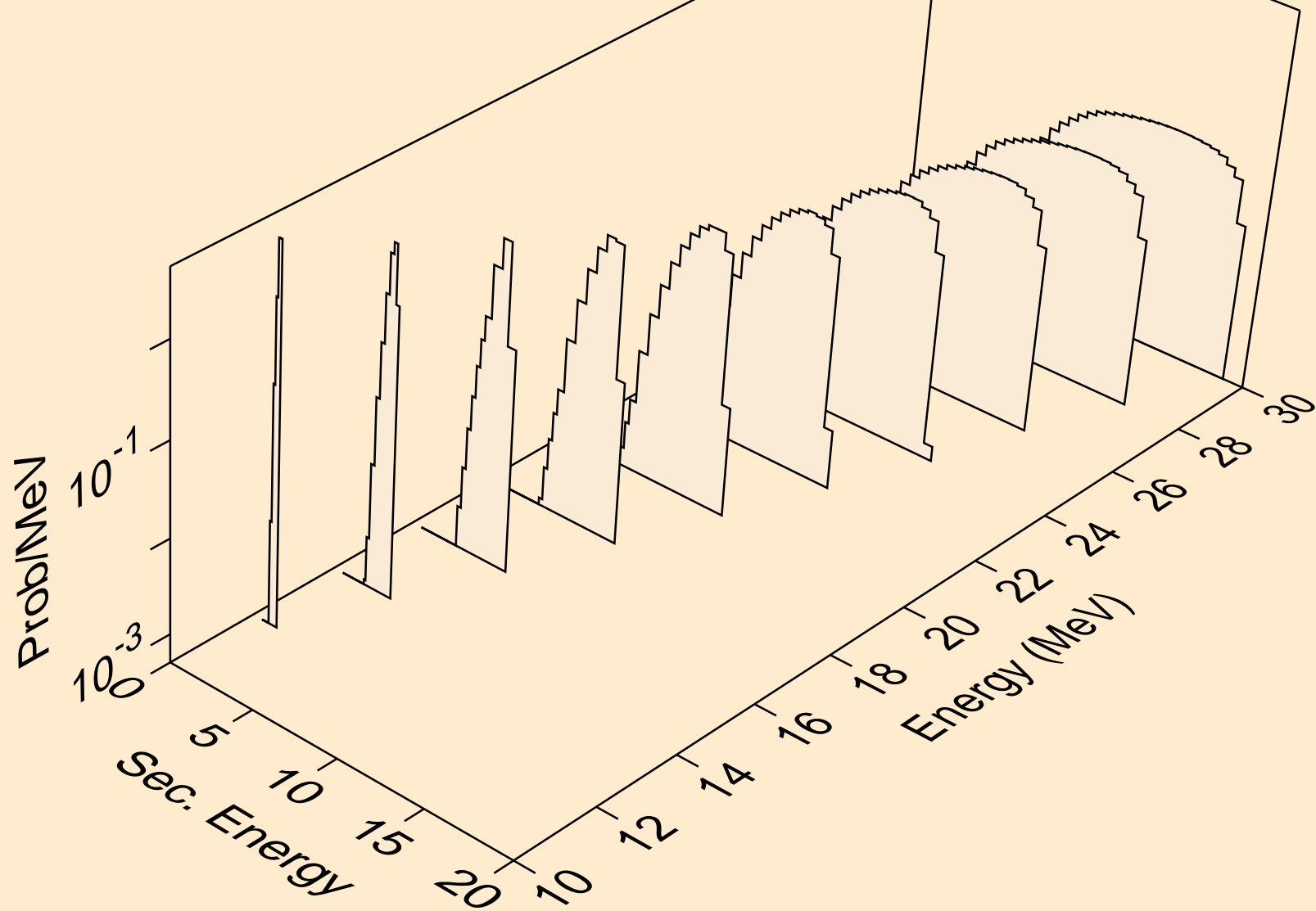
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,x)



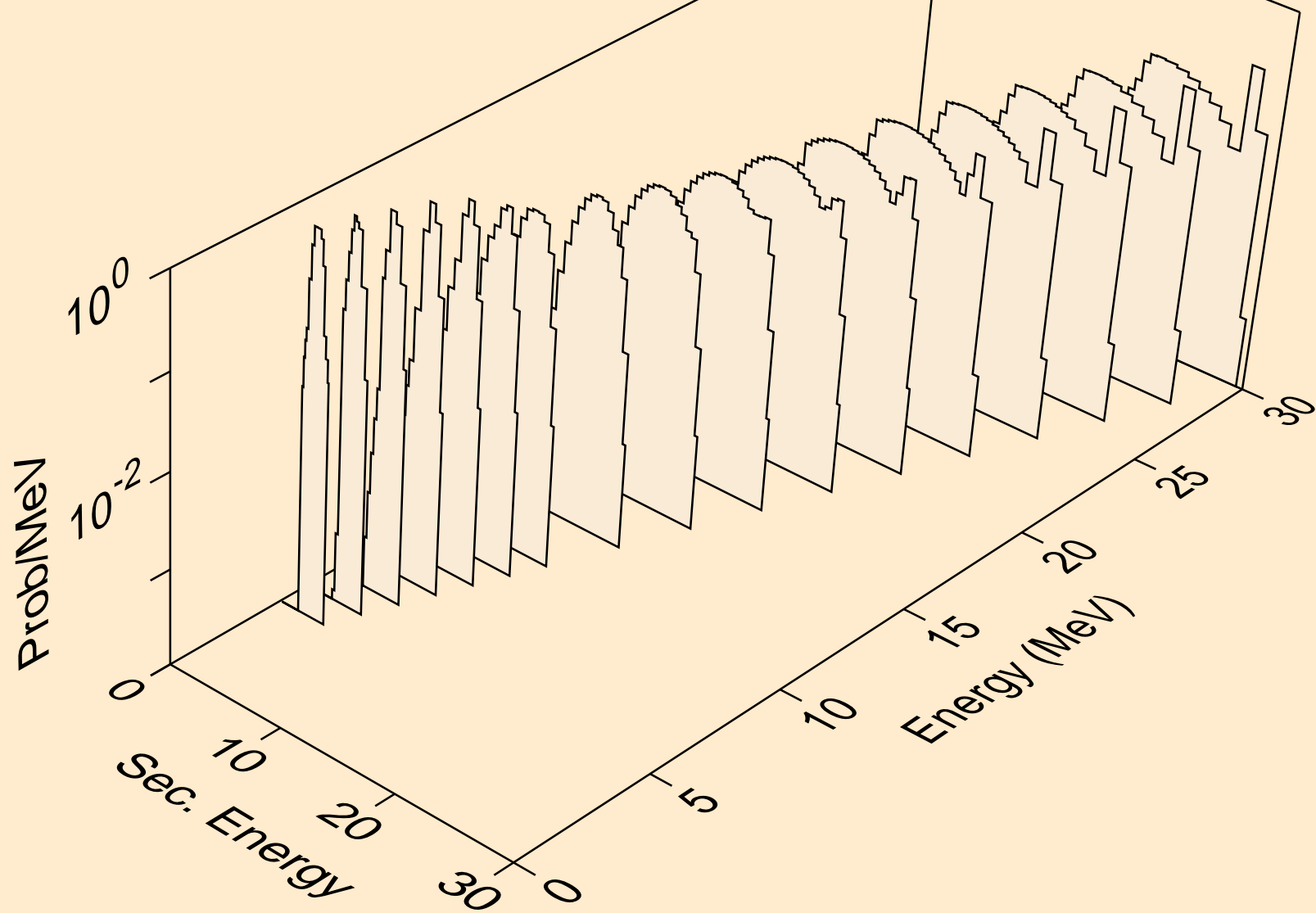
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Deuteron emission for (d,2nd)



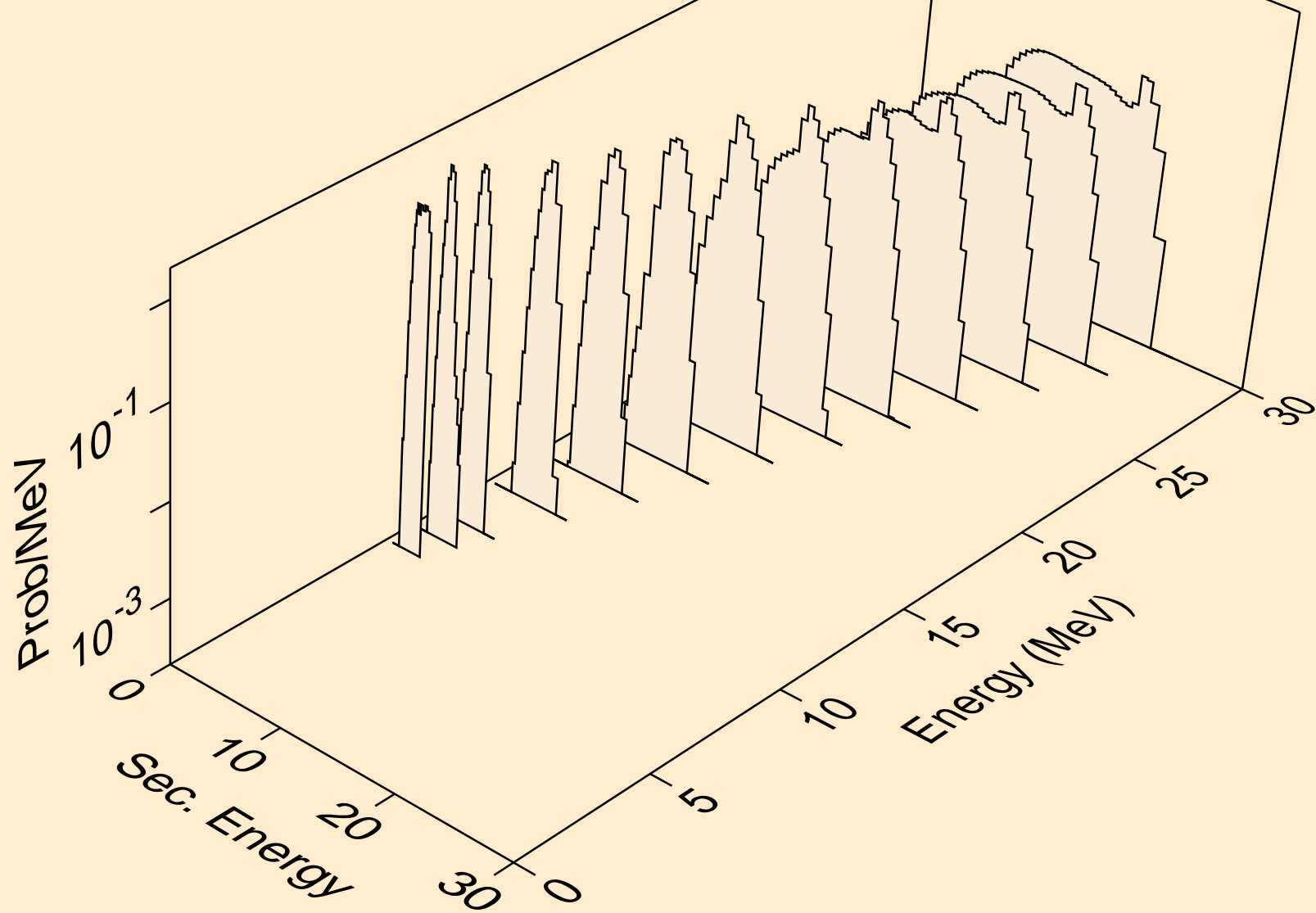
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Deuteron emission for (d,n\*)d



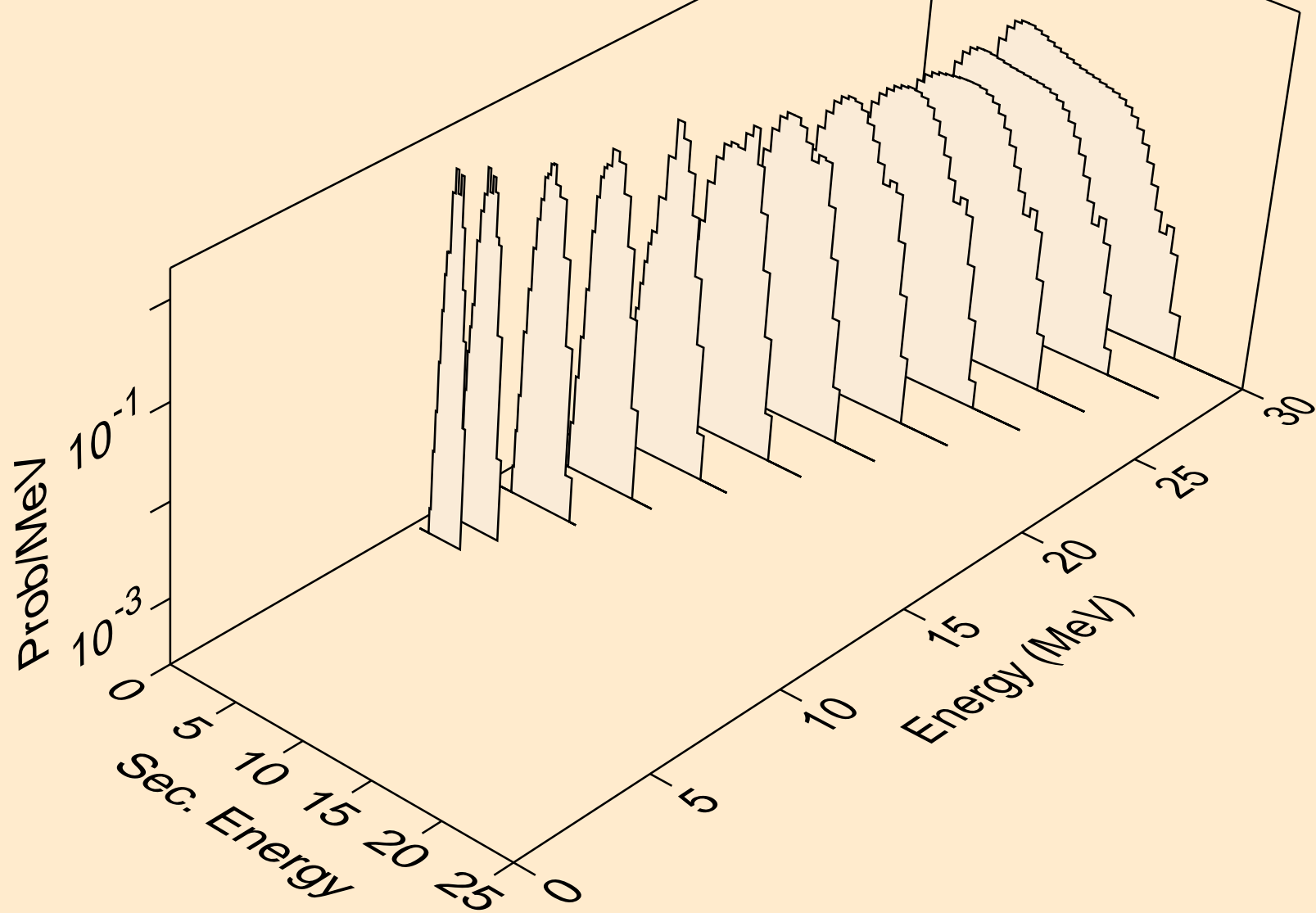
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



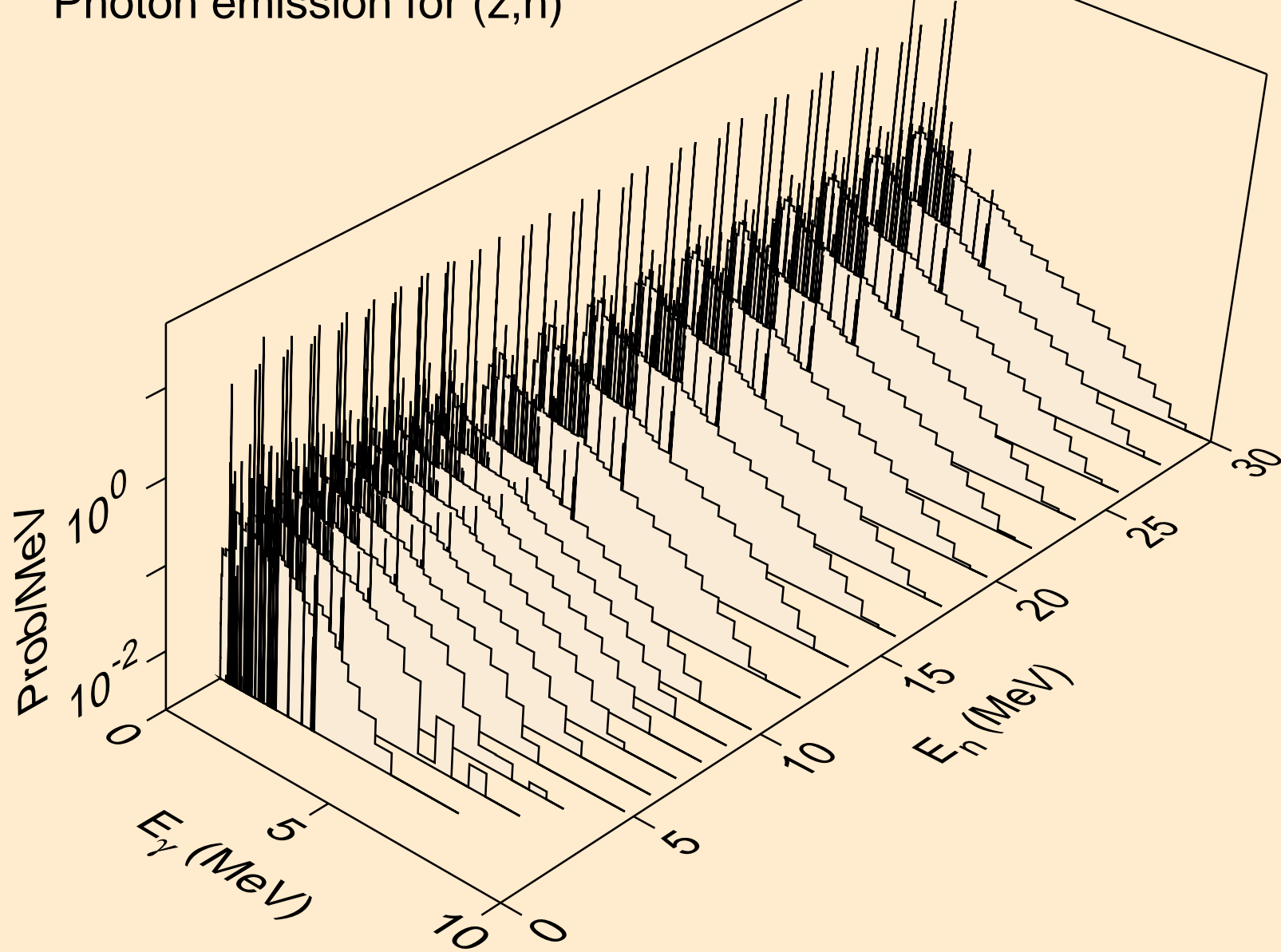
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,da)

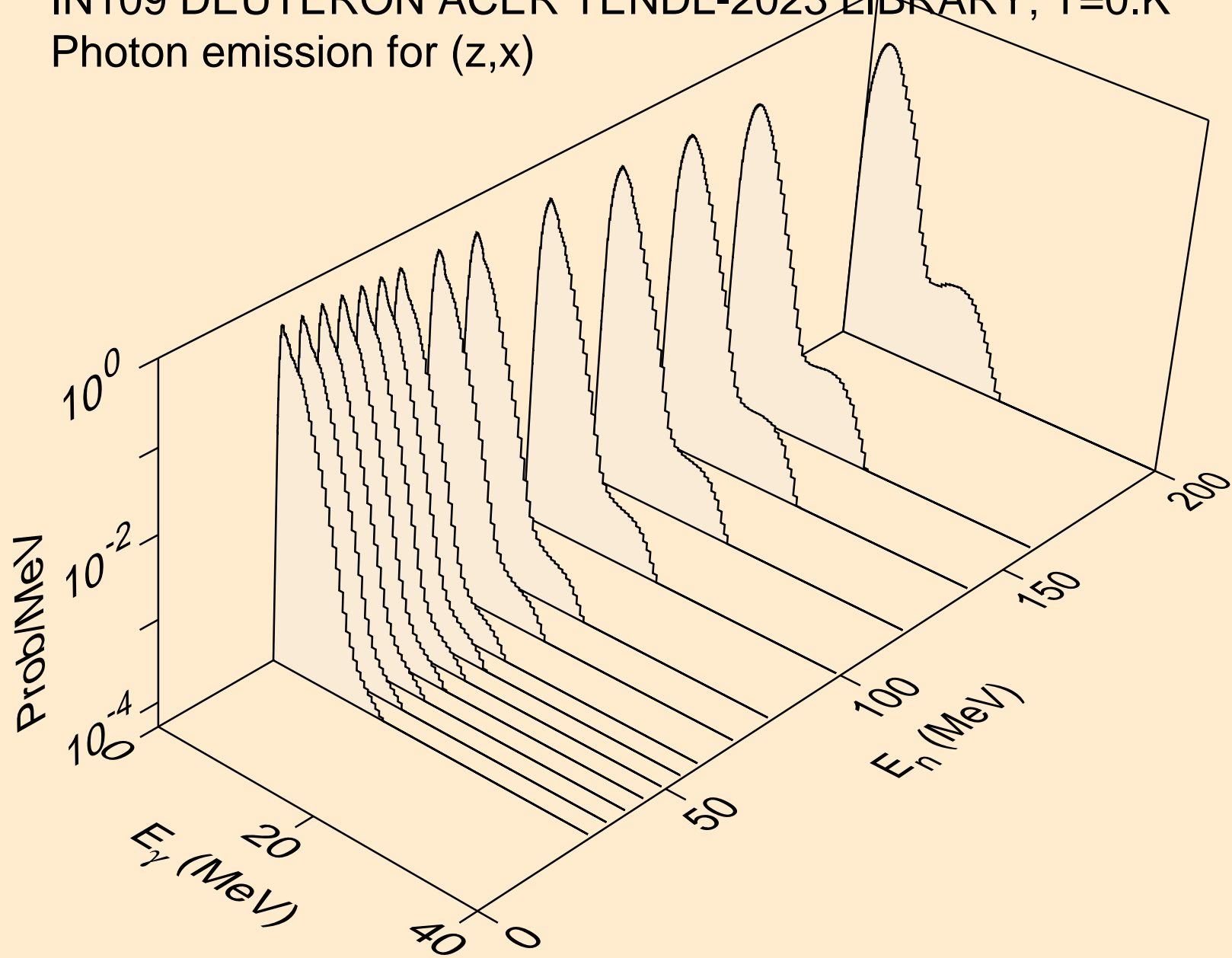


IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

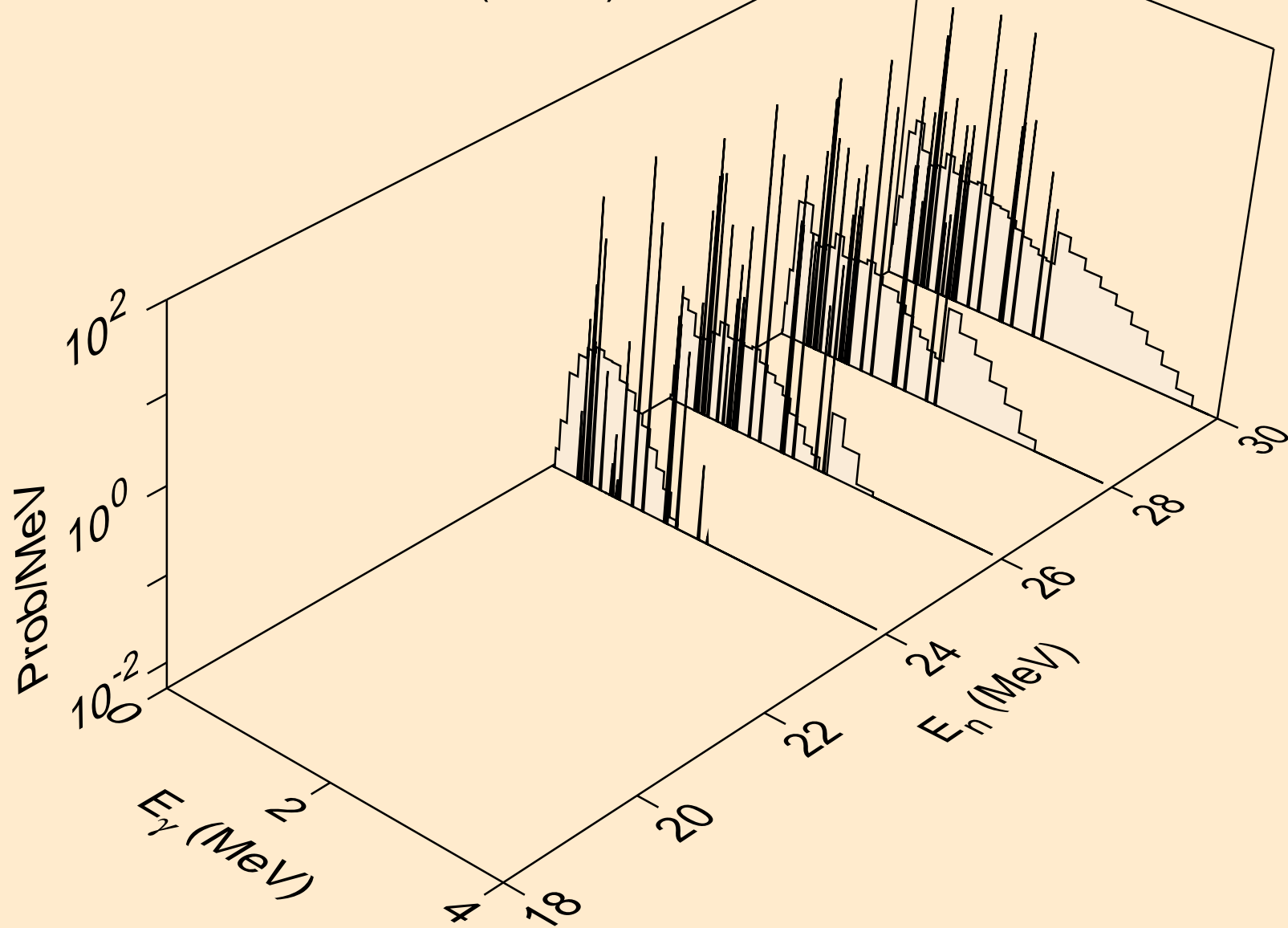




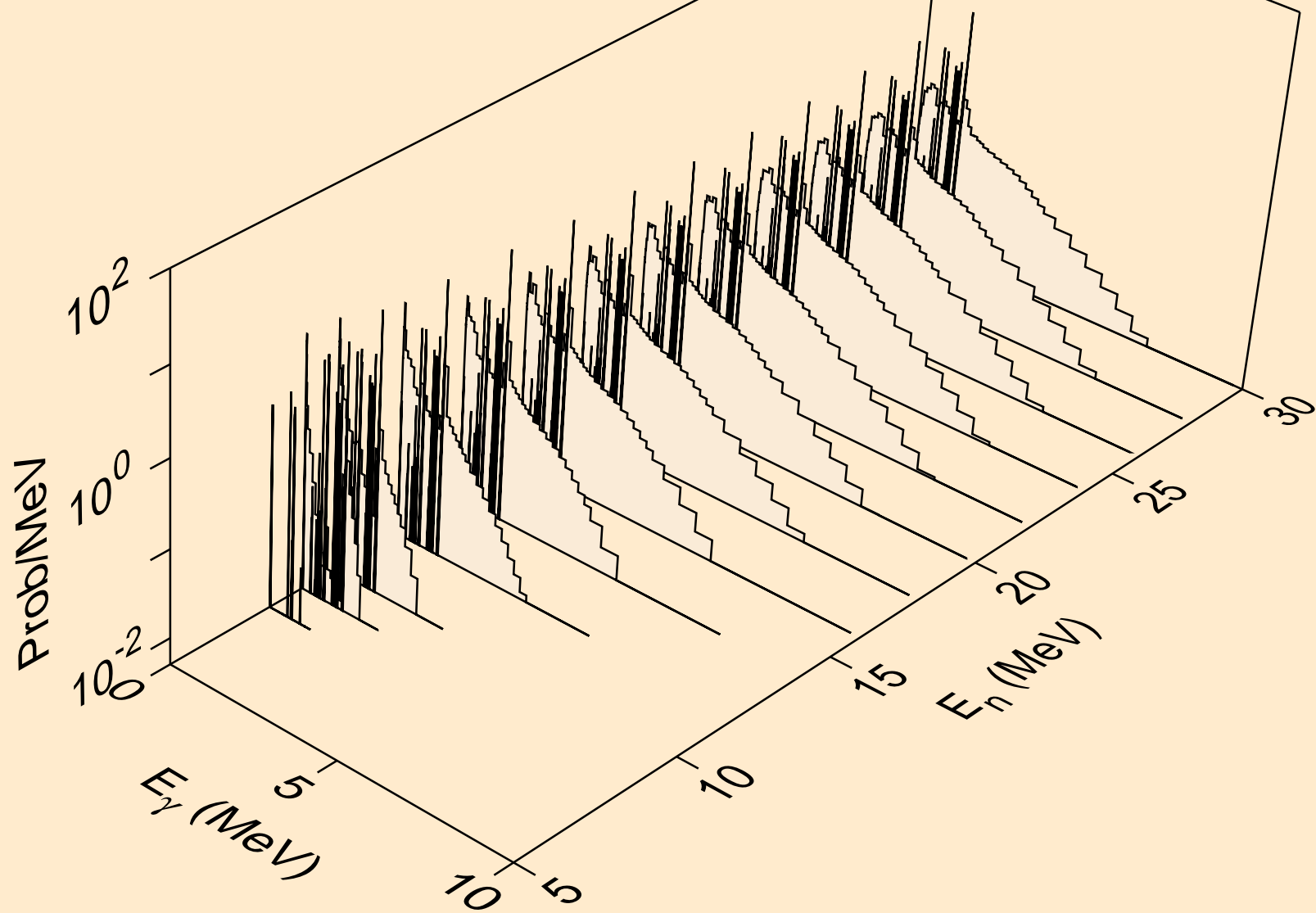
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Photon emission for (z,x)



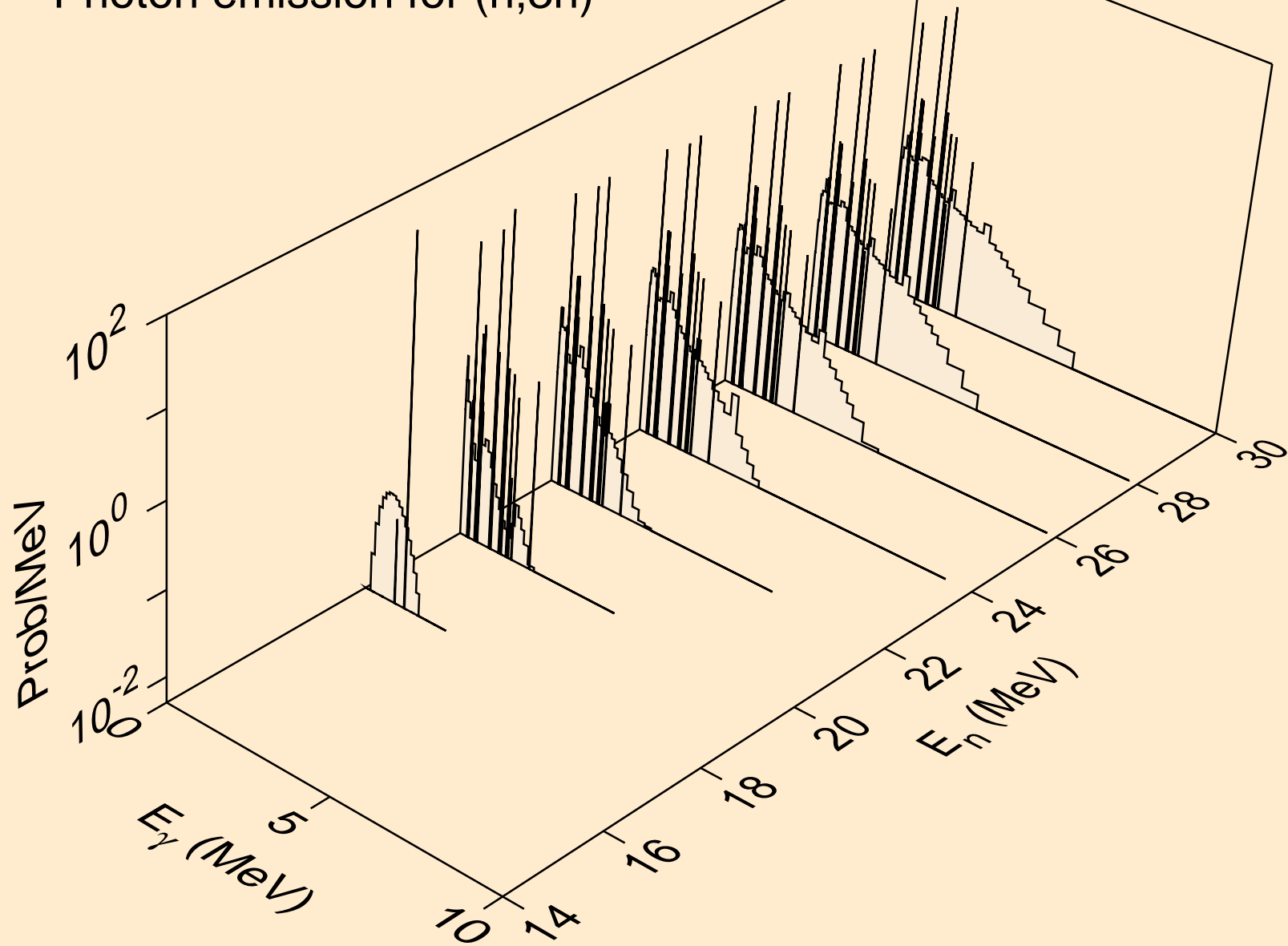
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Photon emission for (n,2nd)



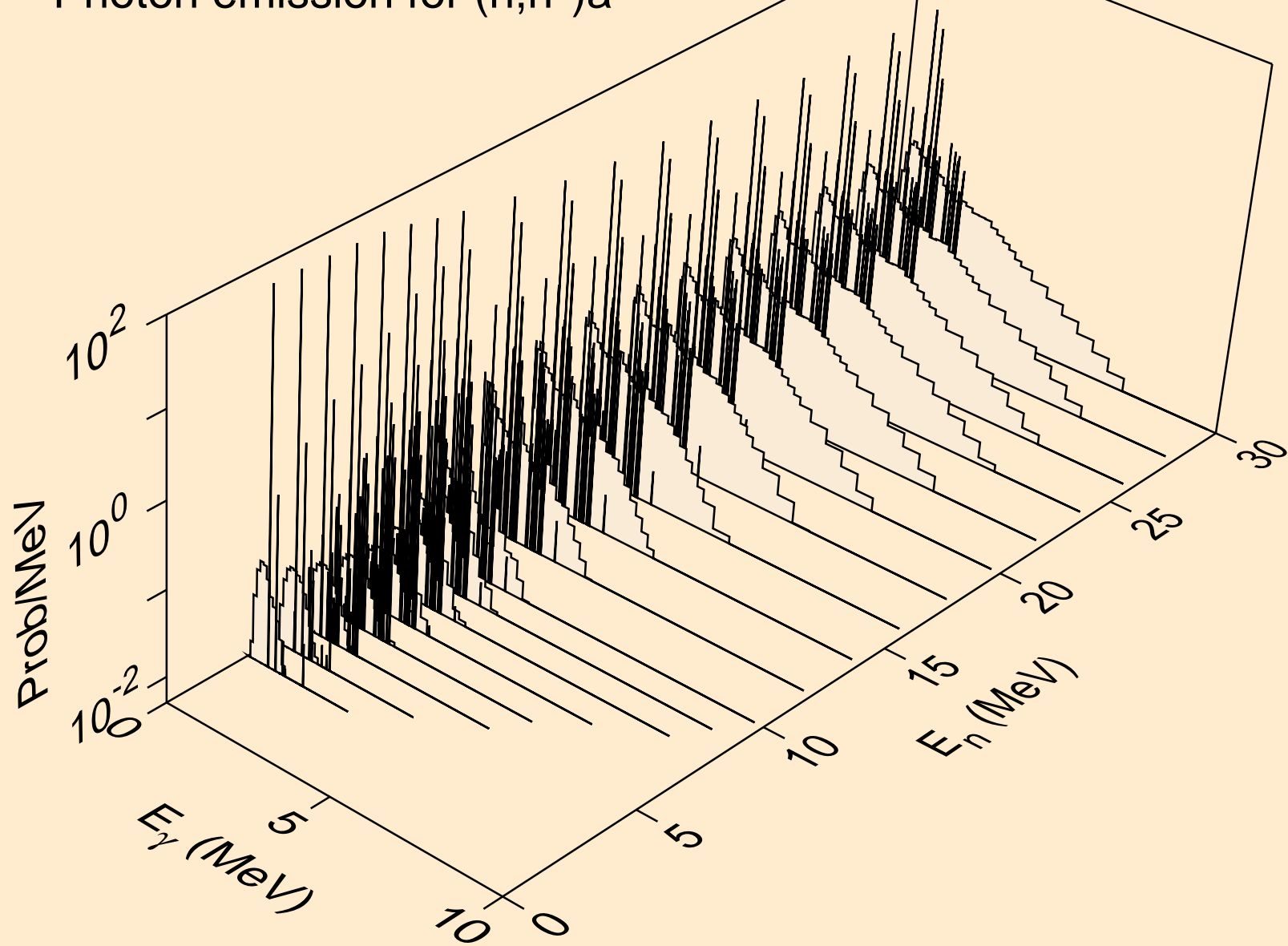
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Photon emission for (n,2n)



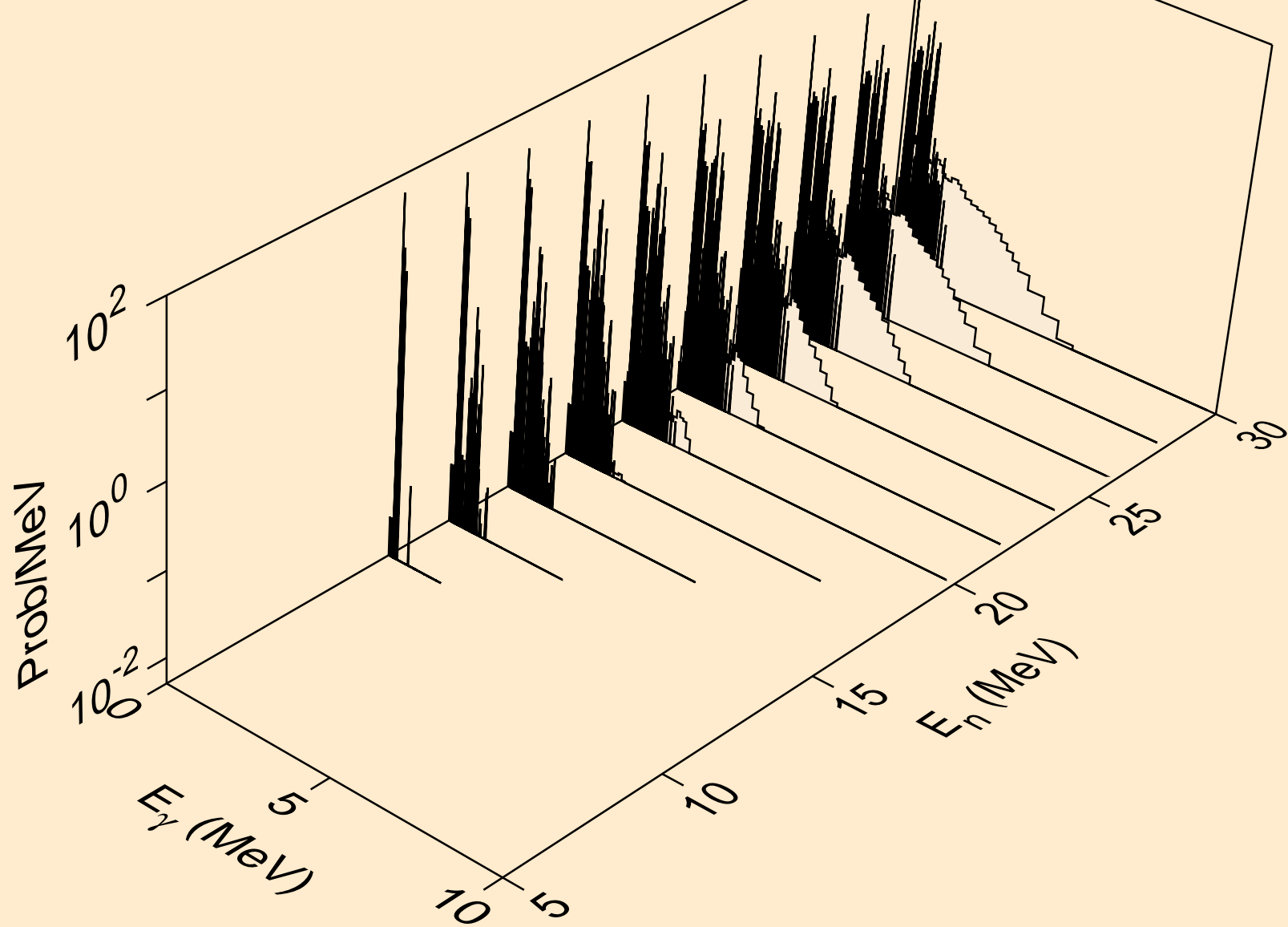
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Photon emission for (n,3n)



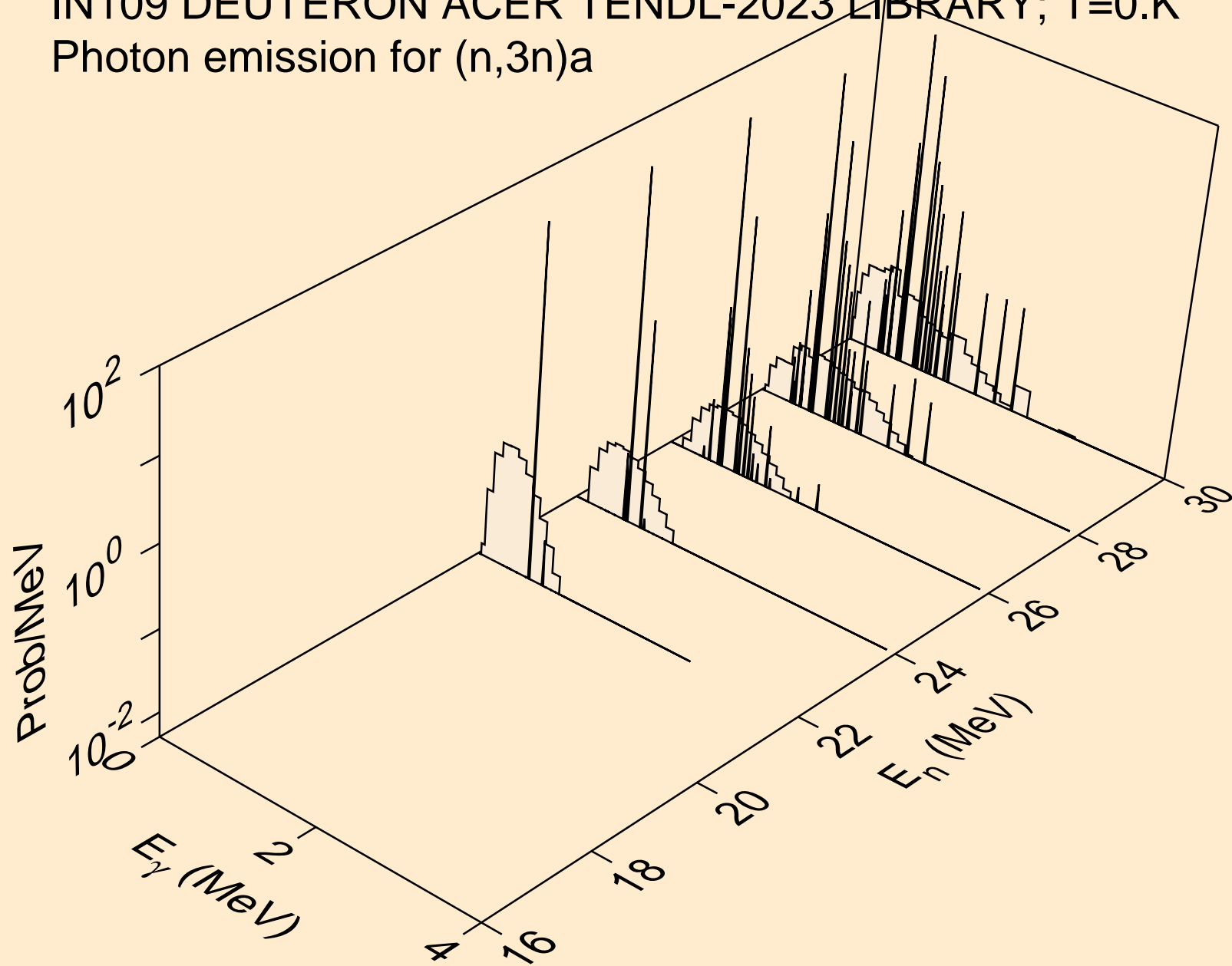
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Photon emission for (n,n\*)a



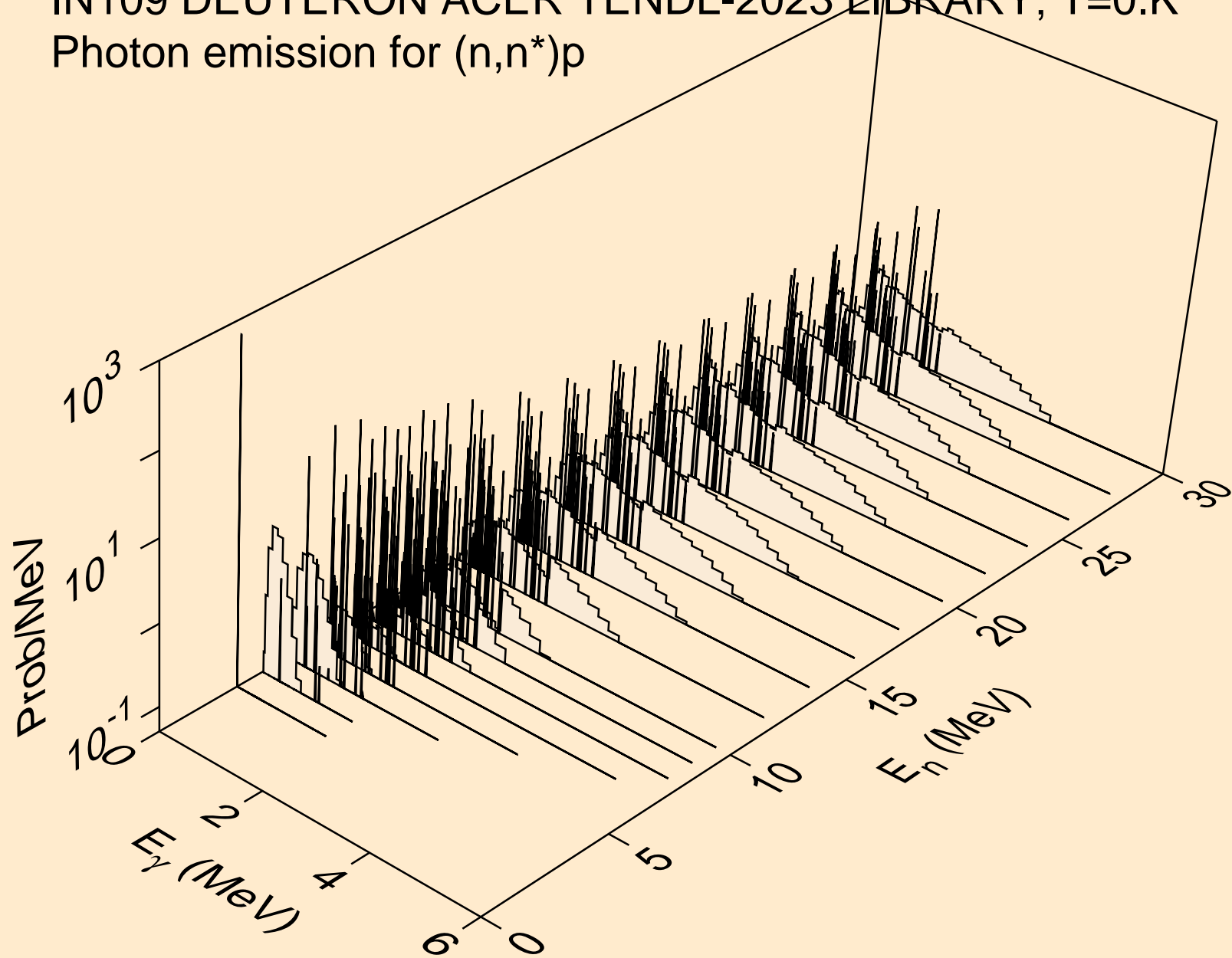
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

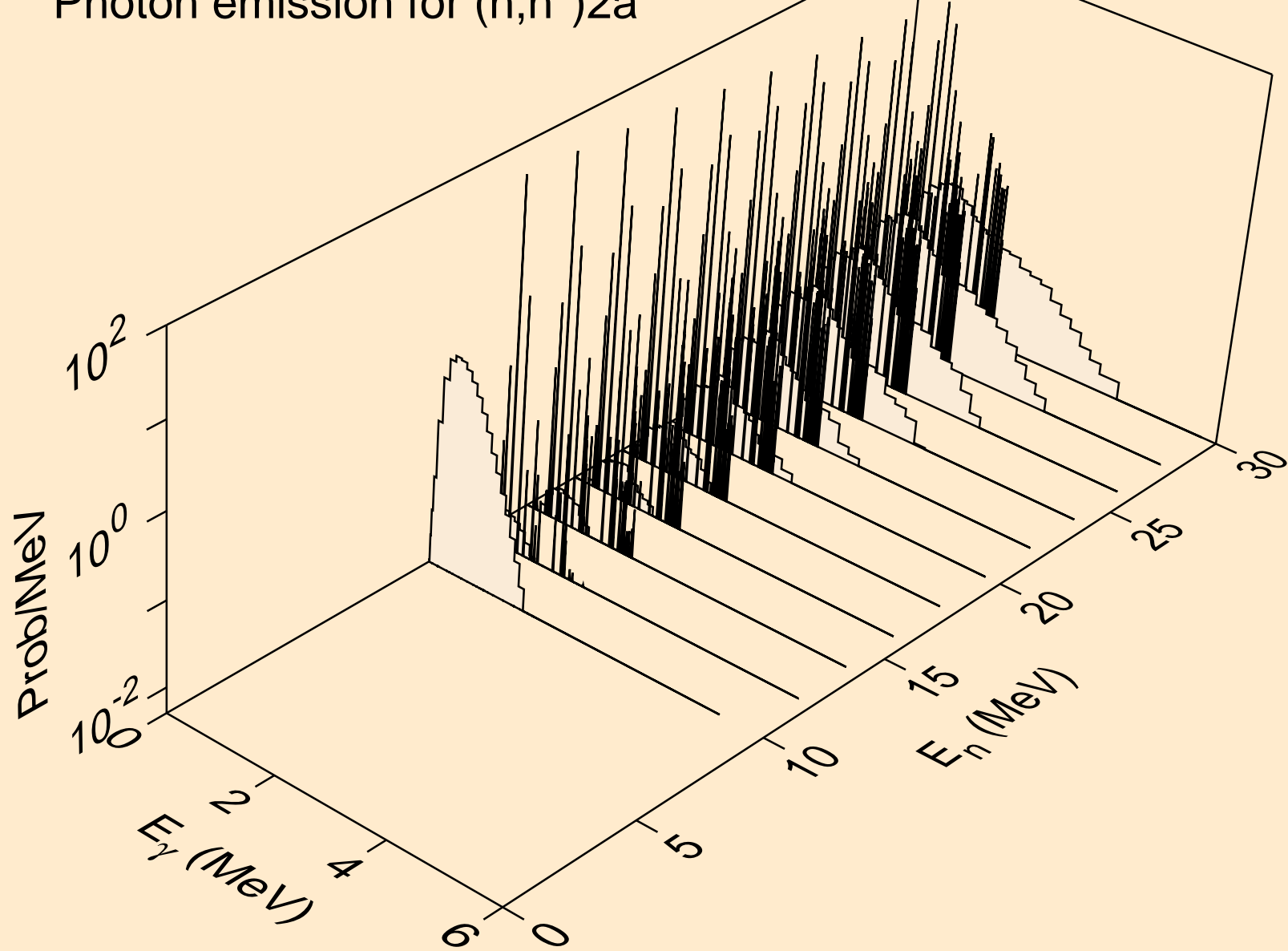


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Photon emission for (n,n\*)p

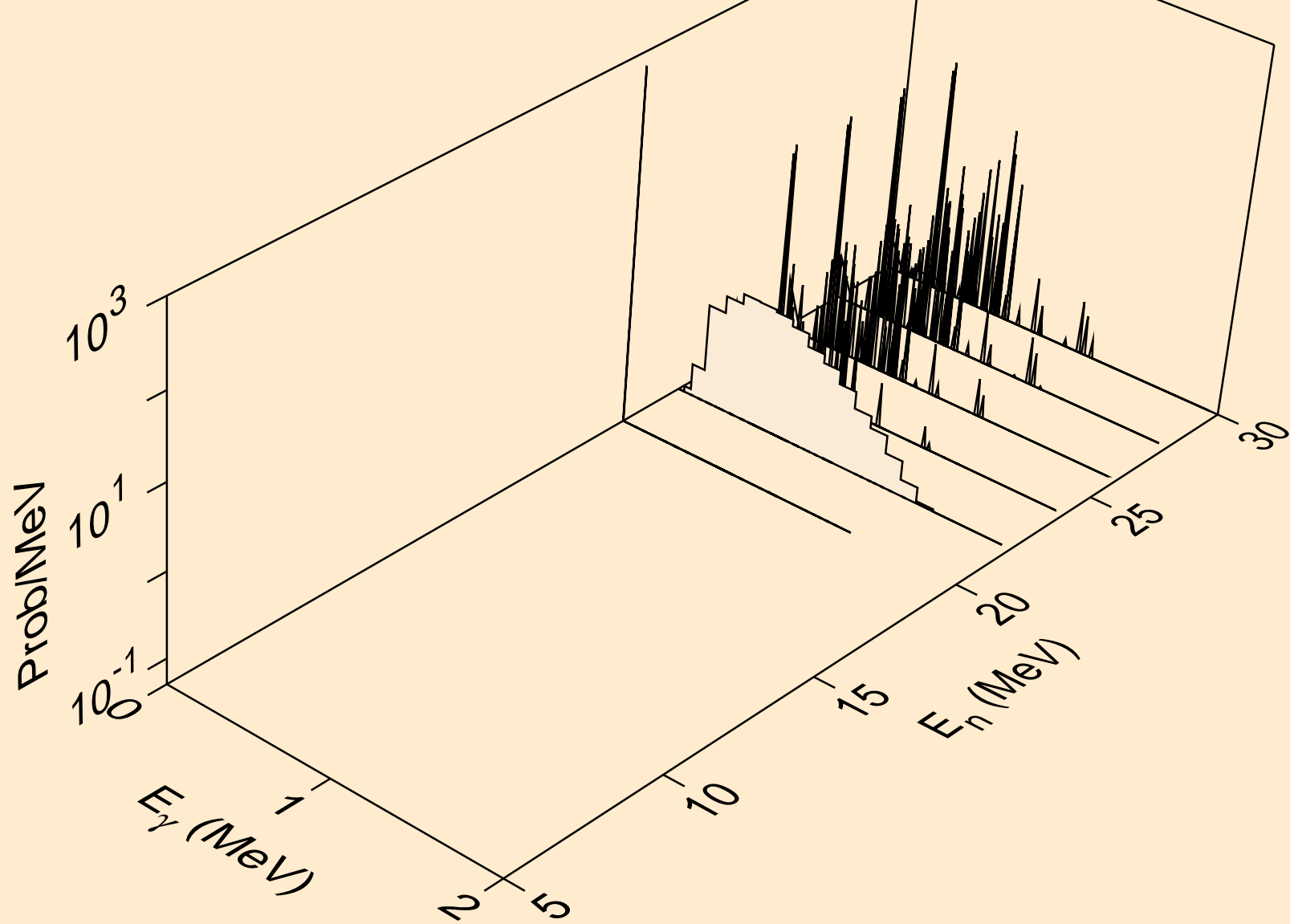




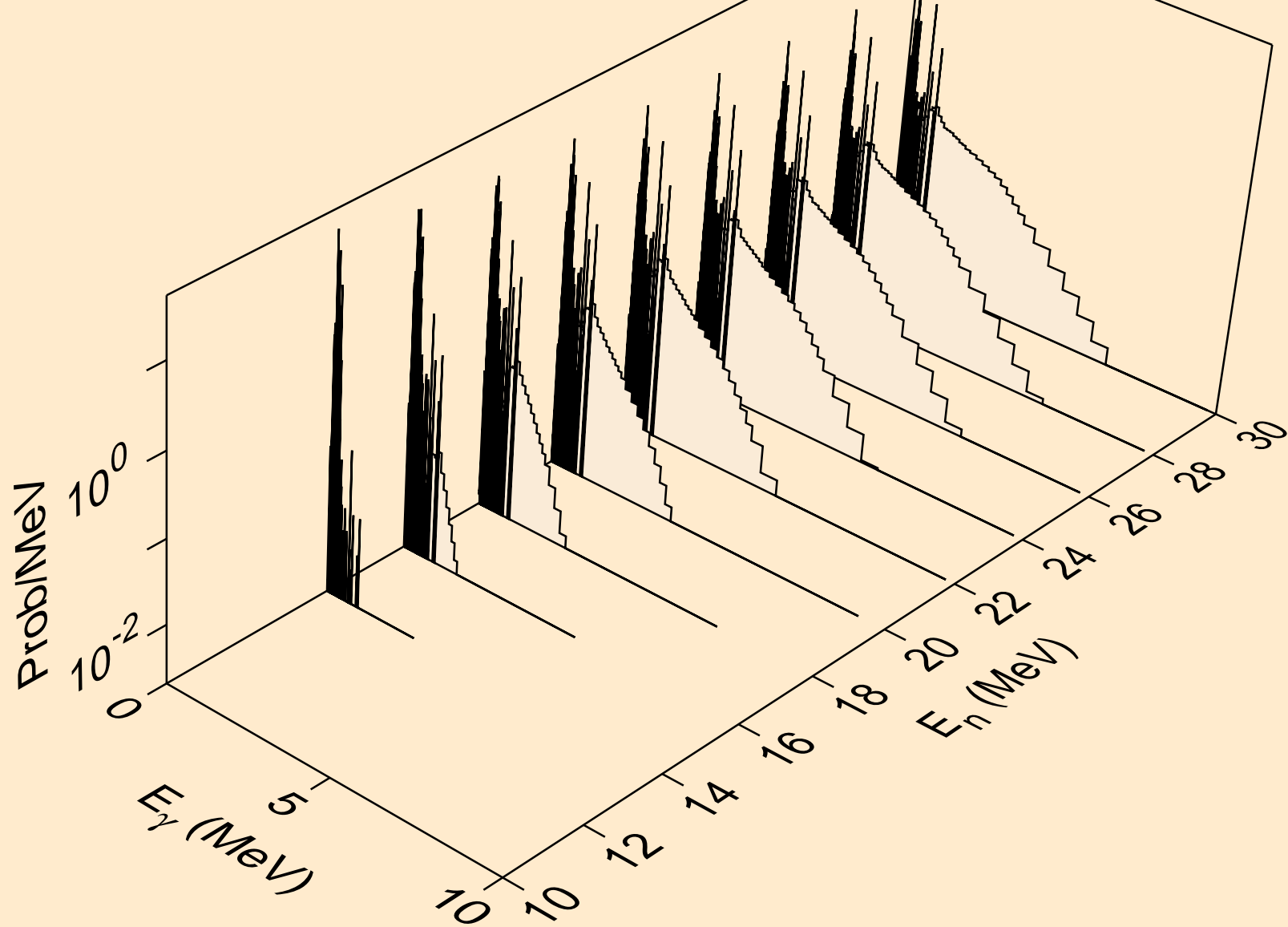
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Photon emission for (n,n\*)2a



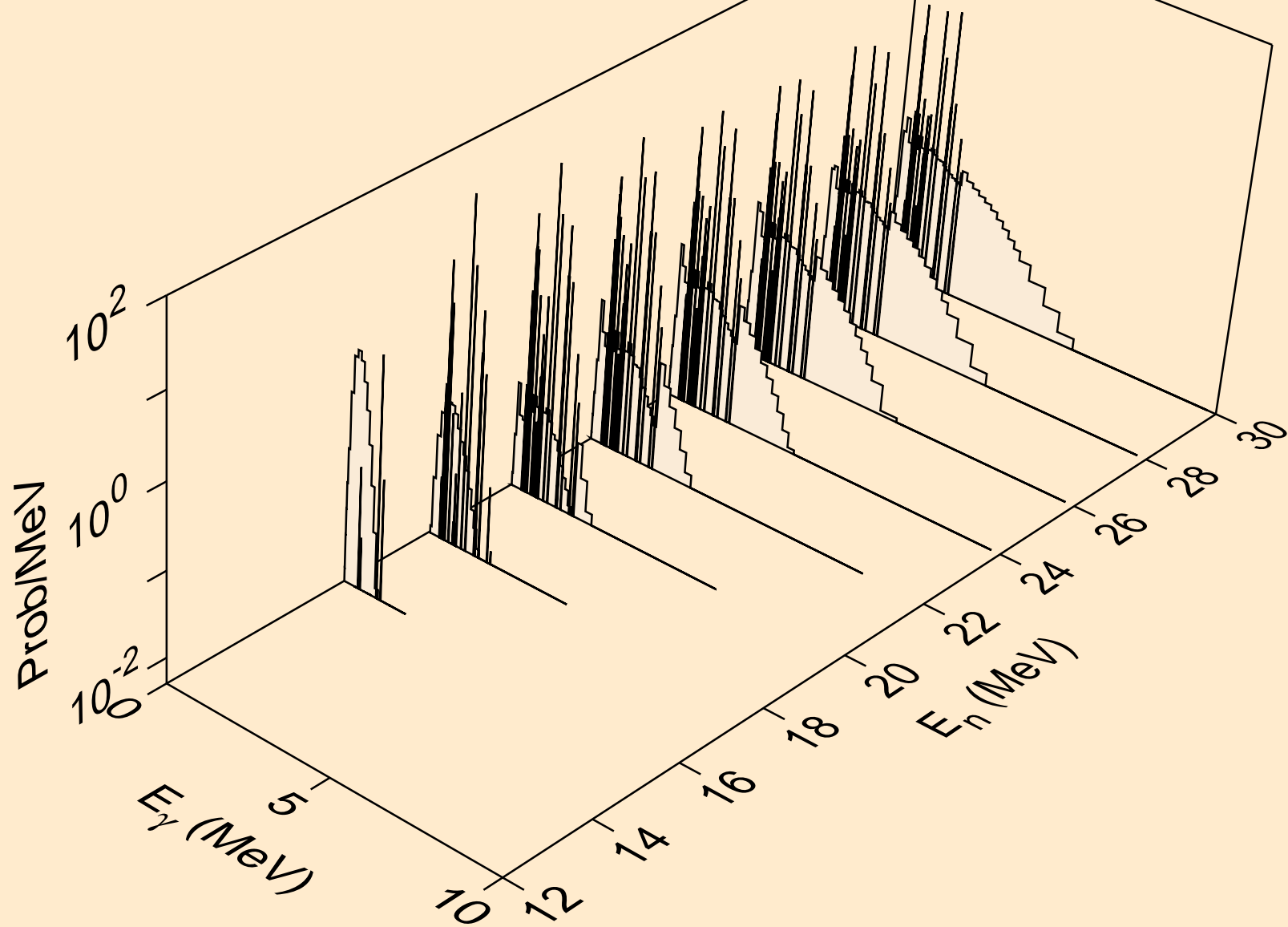
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Photon emission for (n,2n)2a



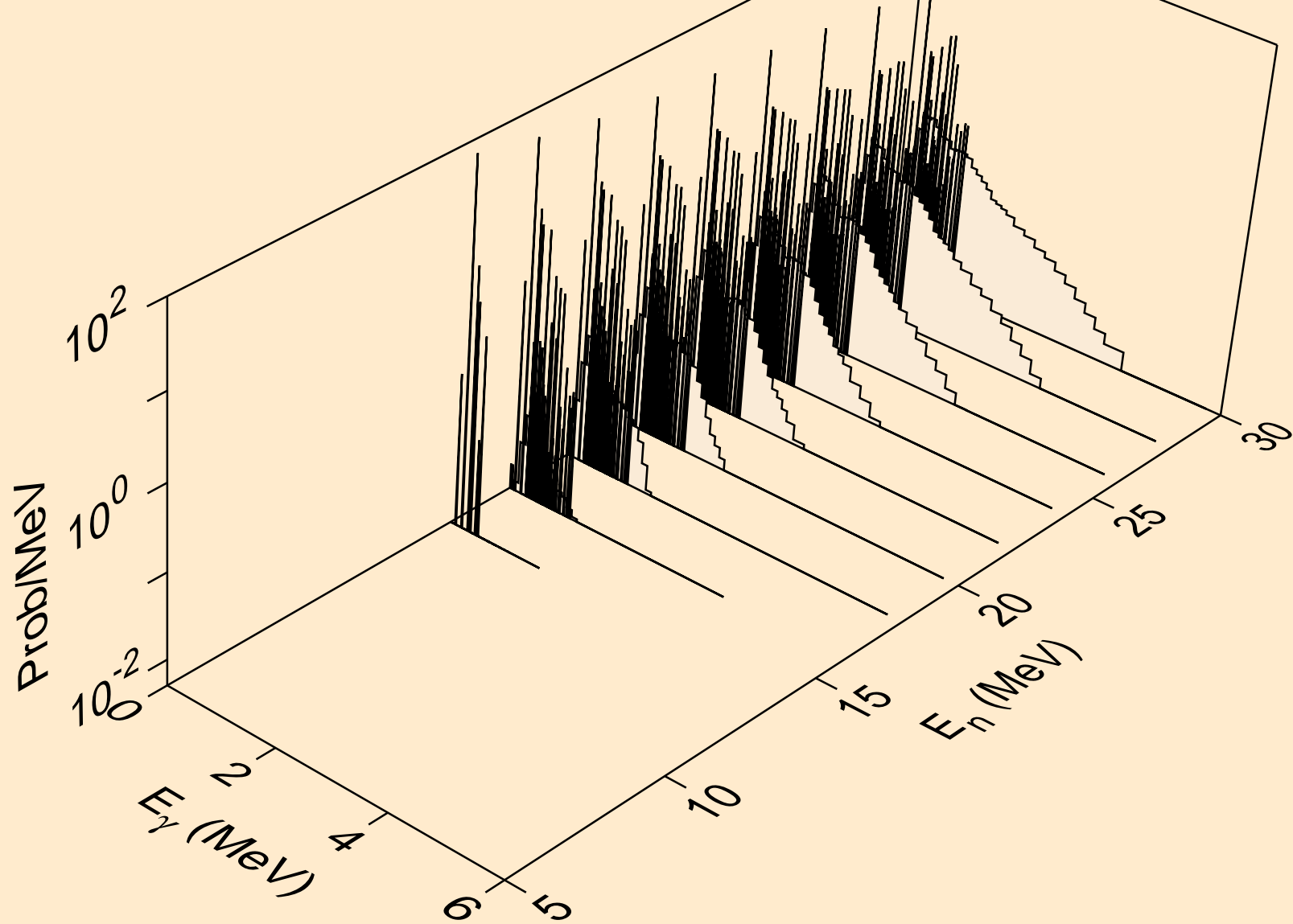
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Photon emission for (n,n\*)d



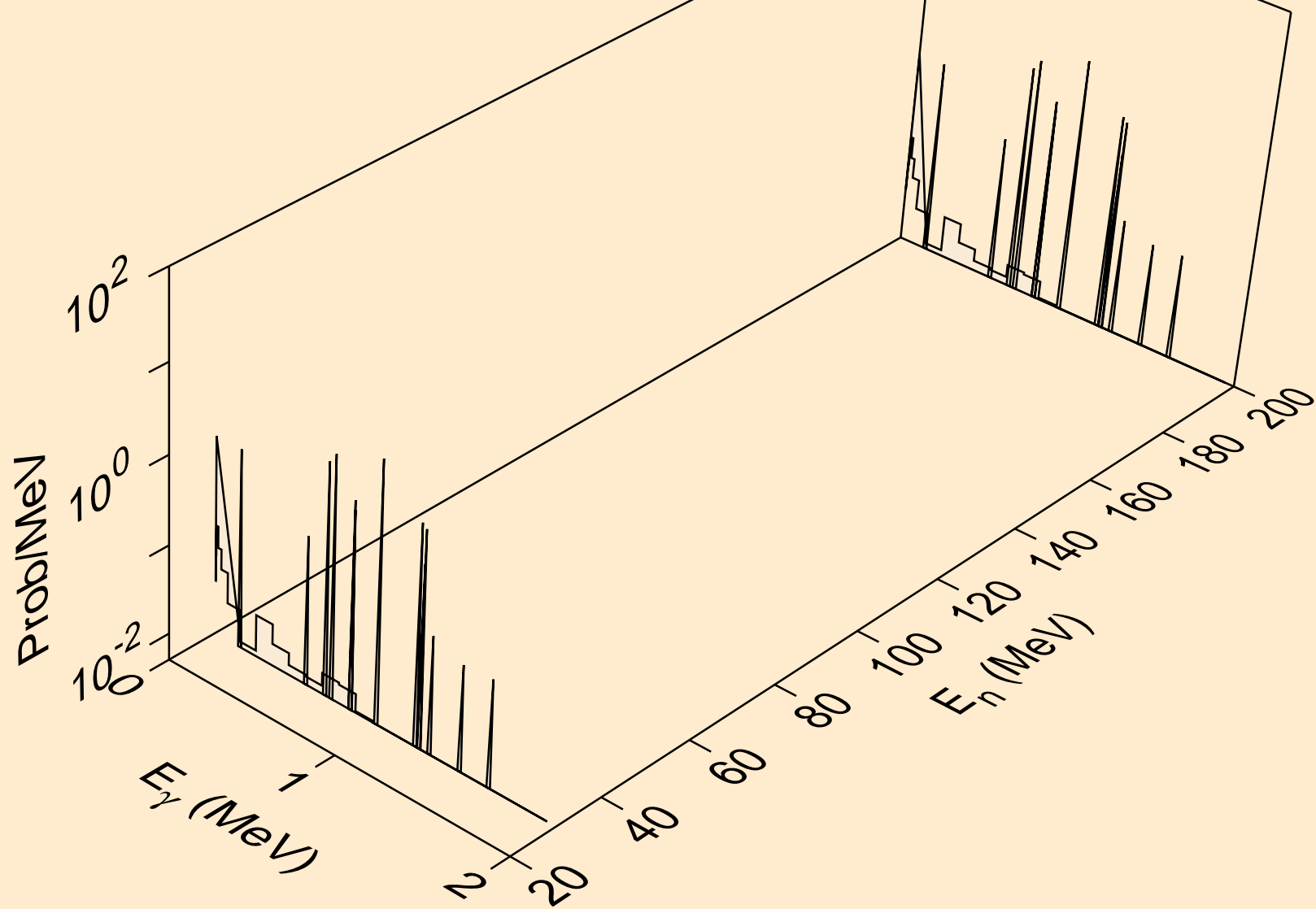
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Photon emission for (n,n\*)t



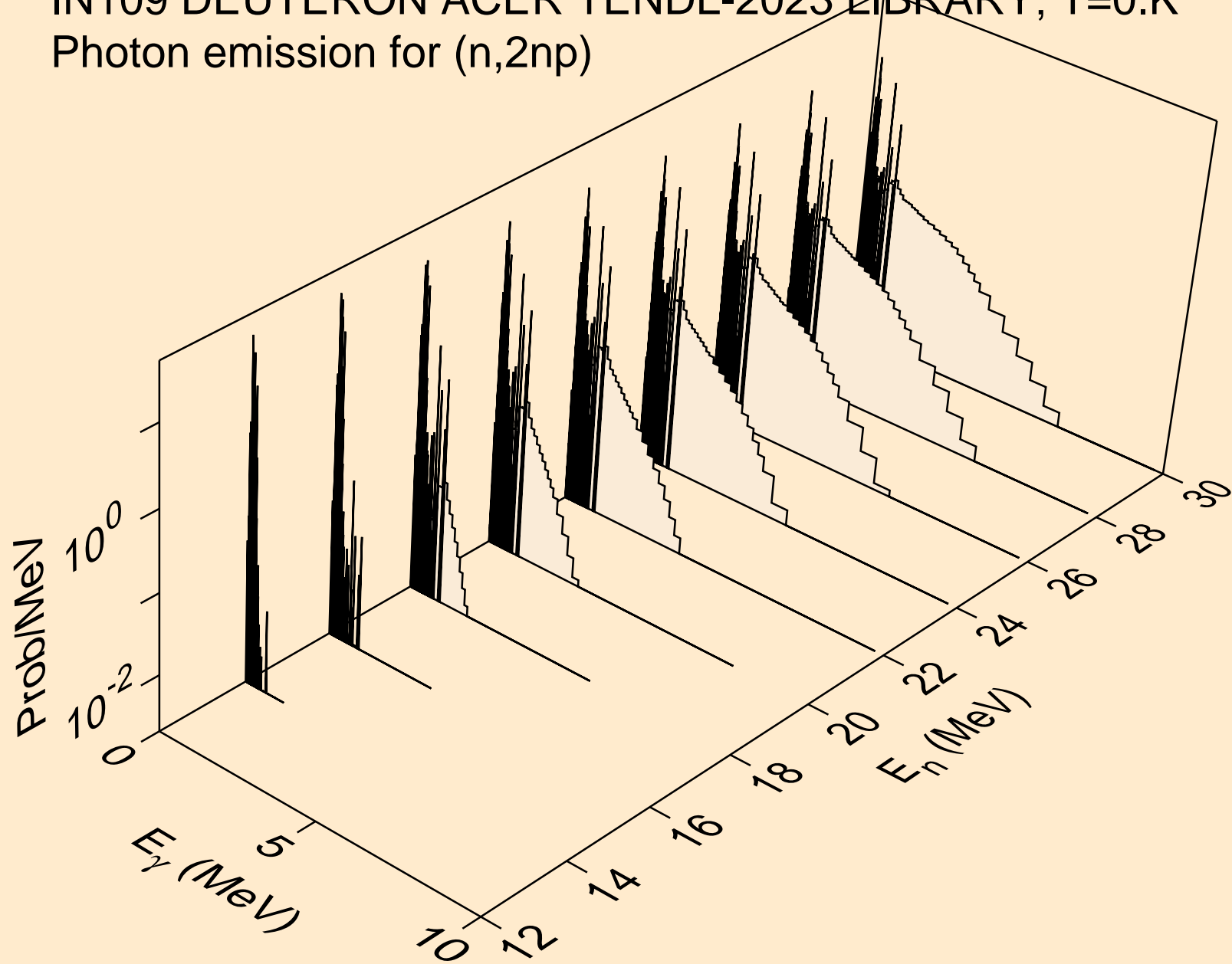
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Photon emission for (n,n\*)he3



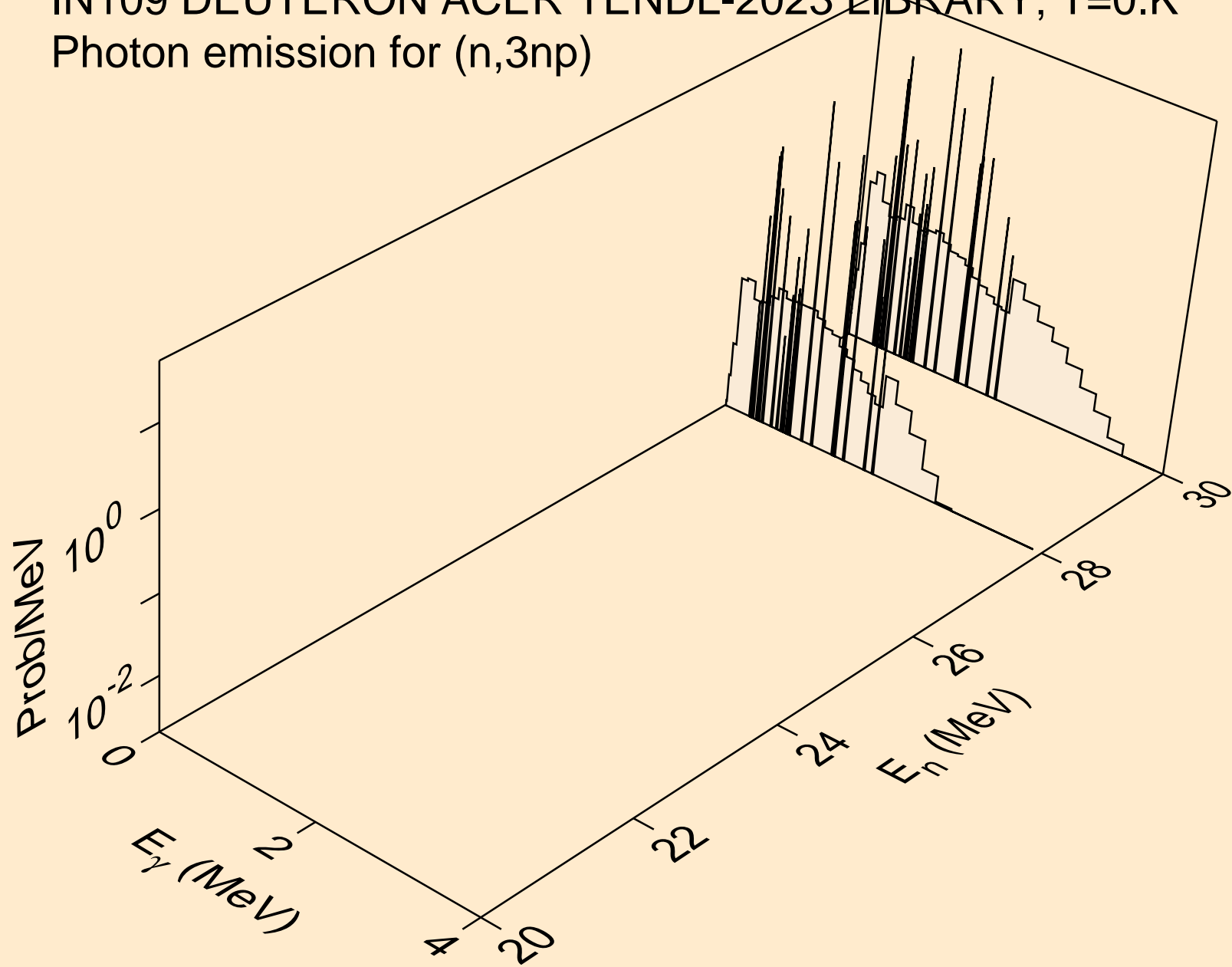
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

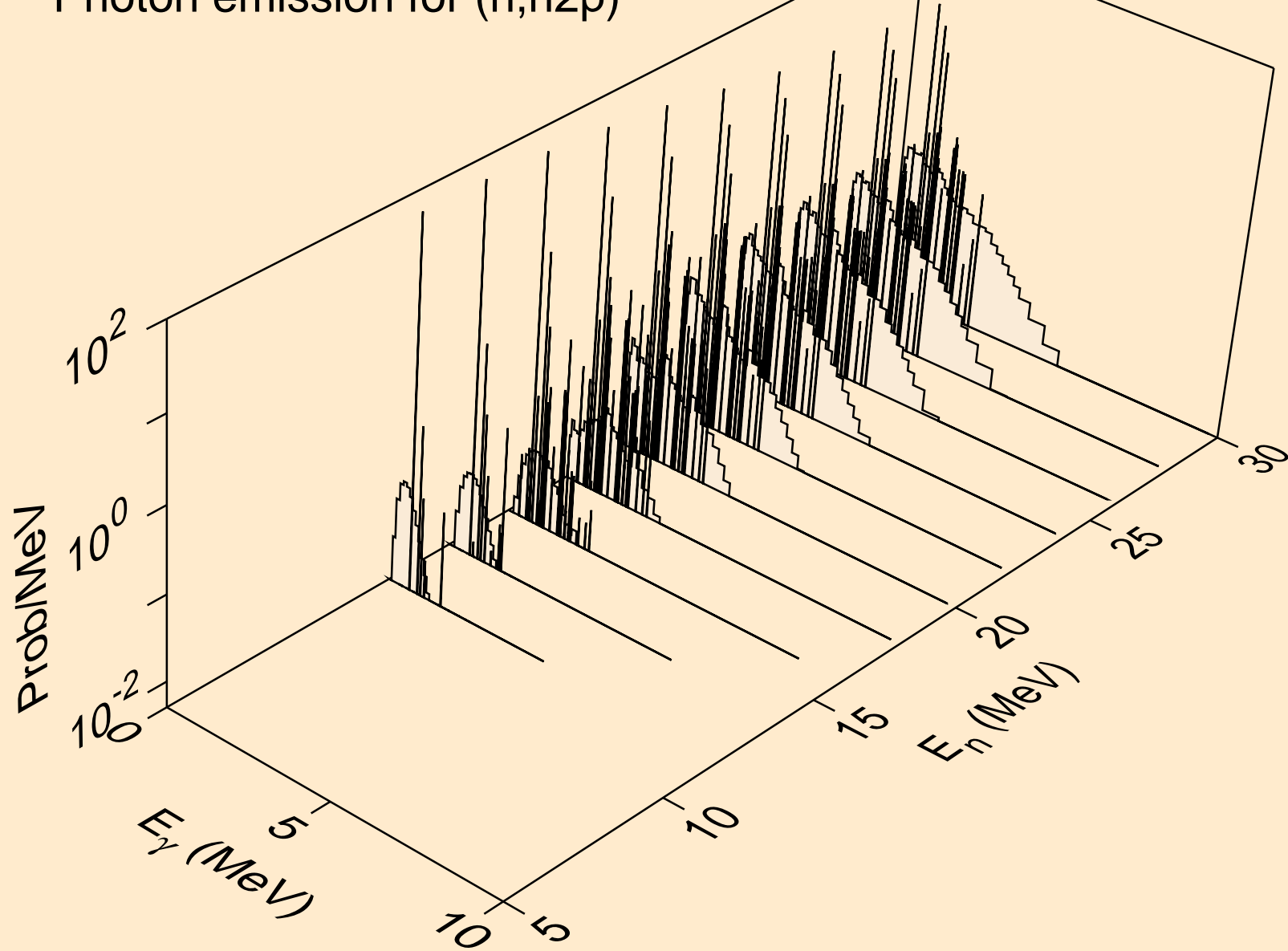


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Photon emission for (n,3np)

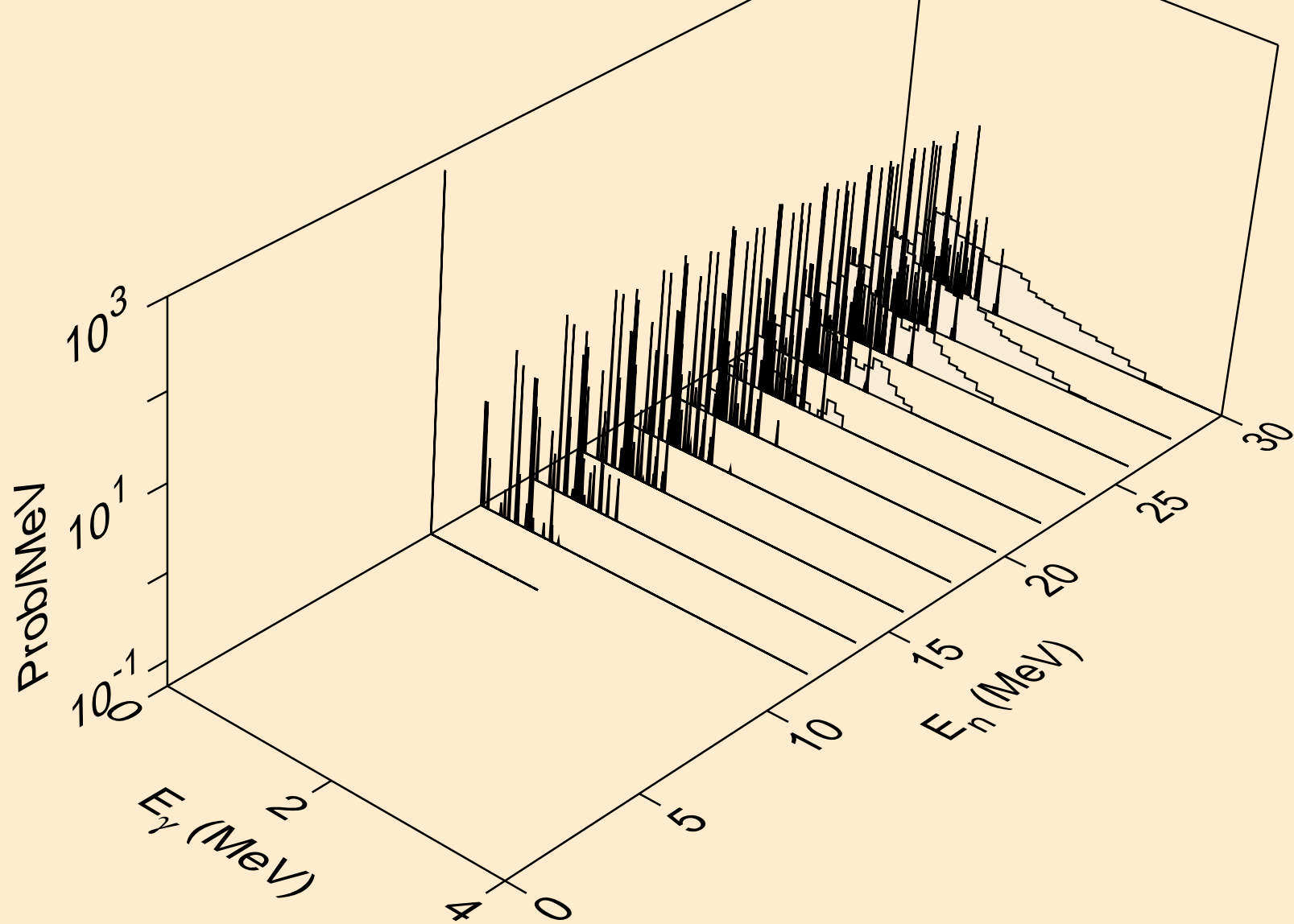




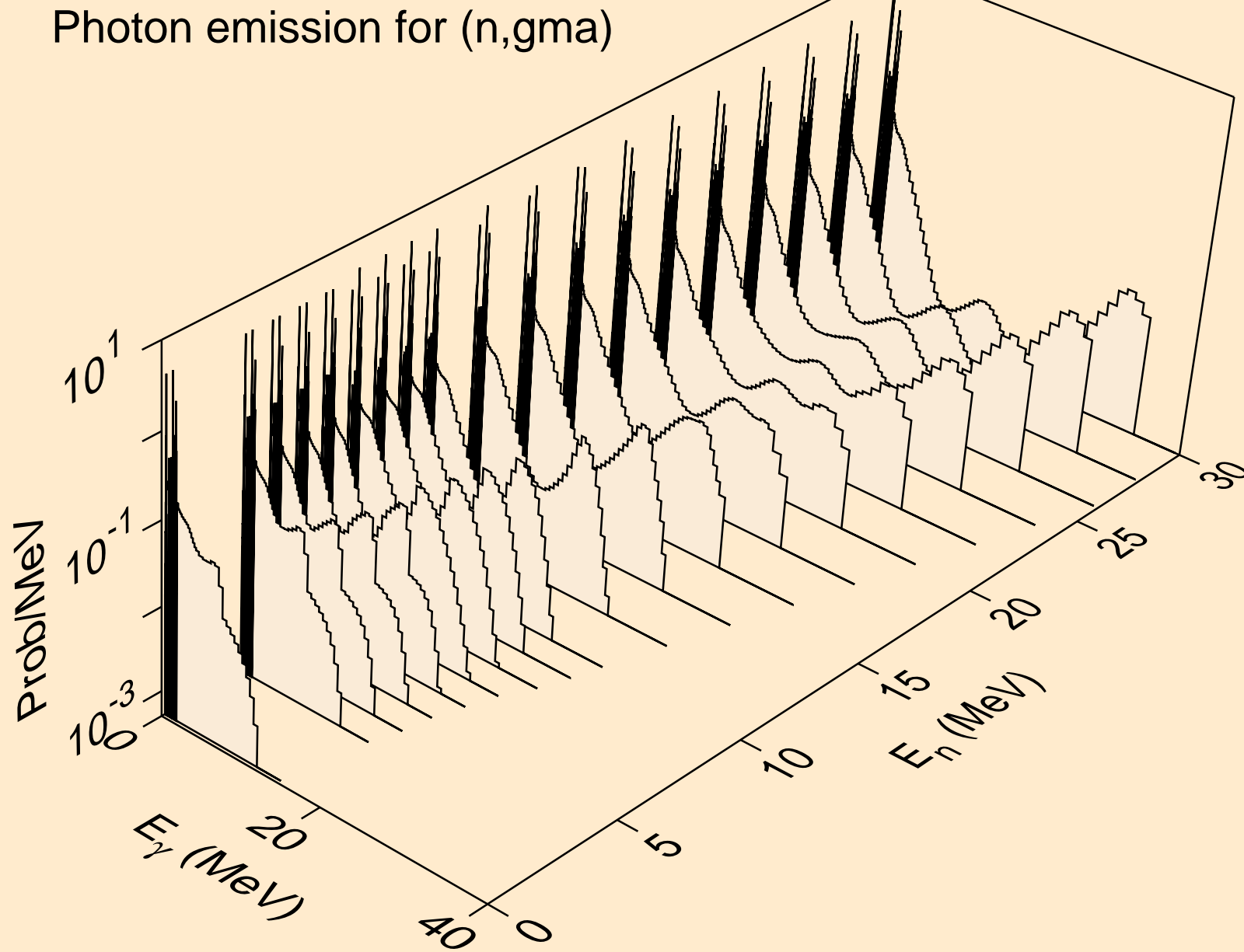
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Photon emission for (n,n2p)



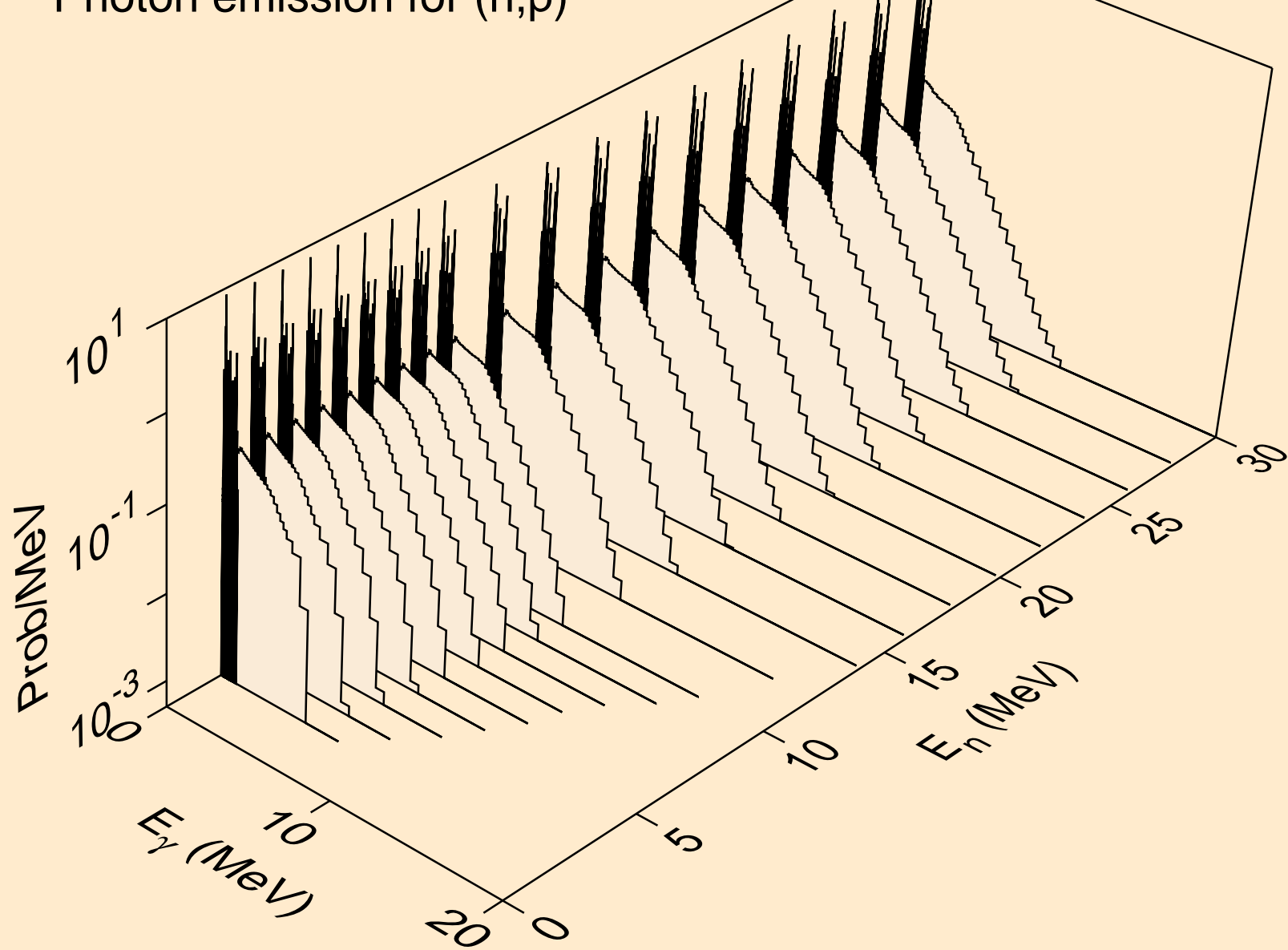
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Photon emission for (n,npa)



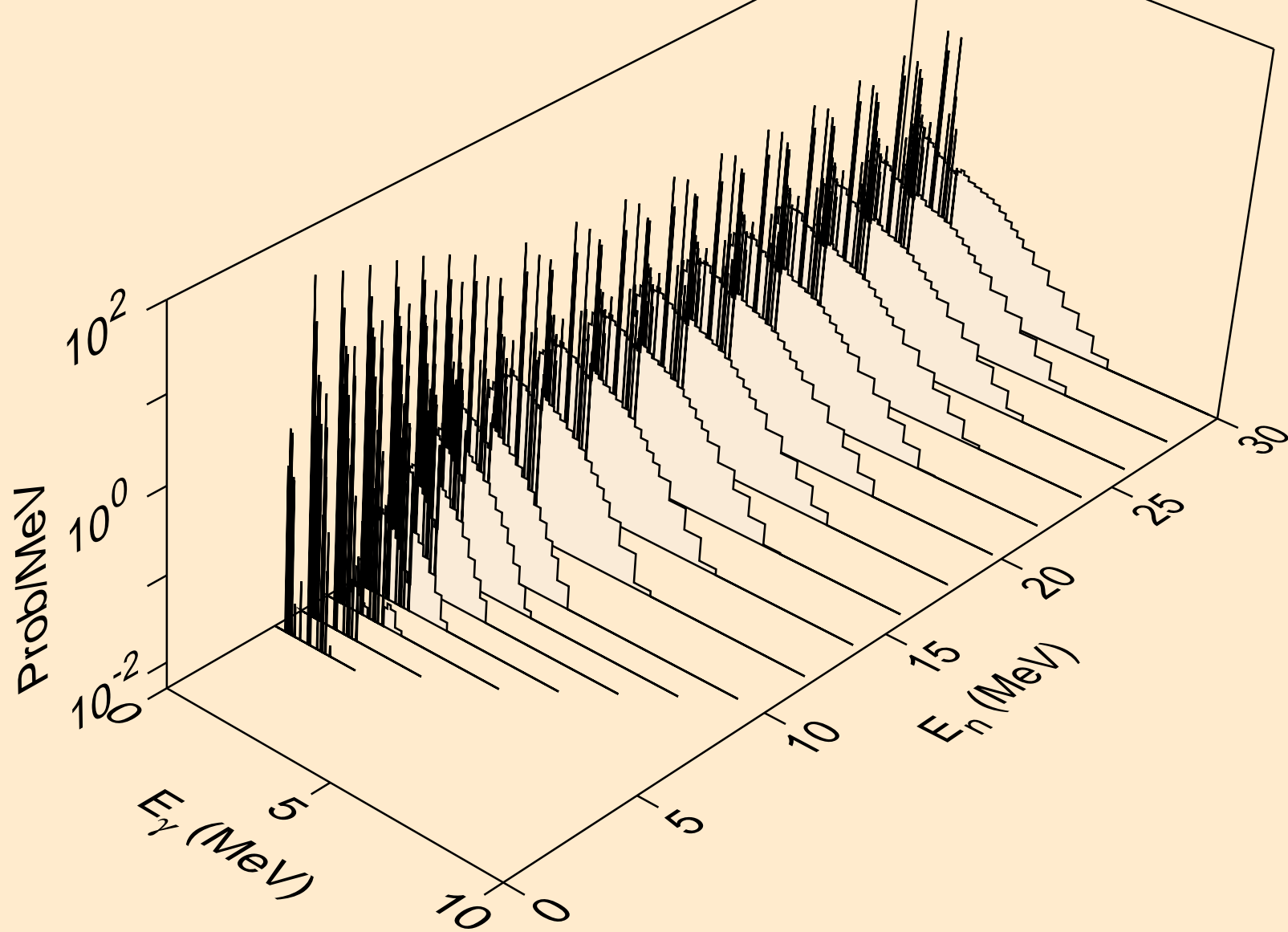
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Photon emission for (n,gma)



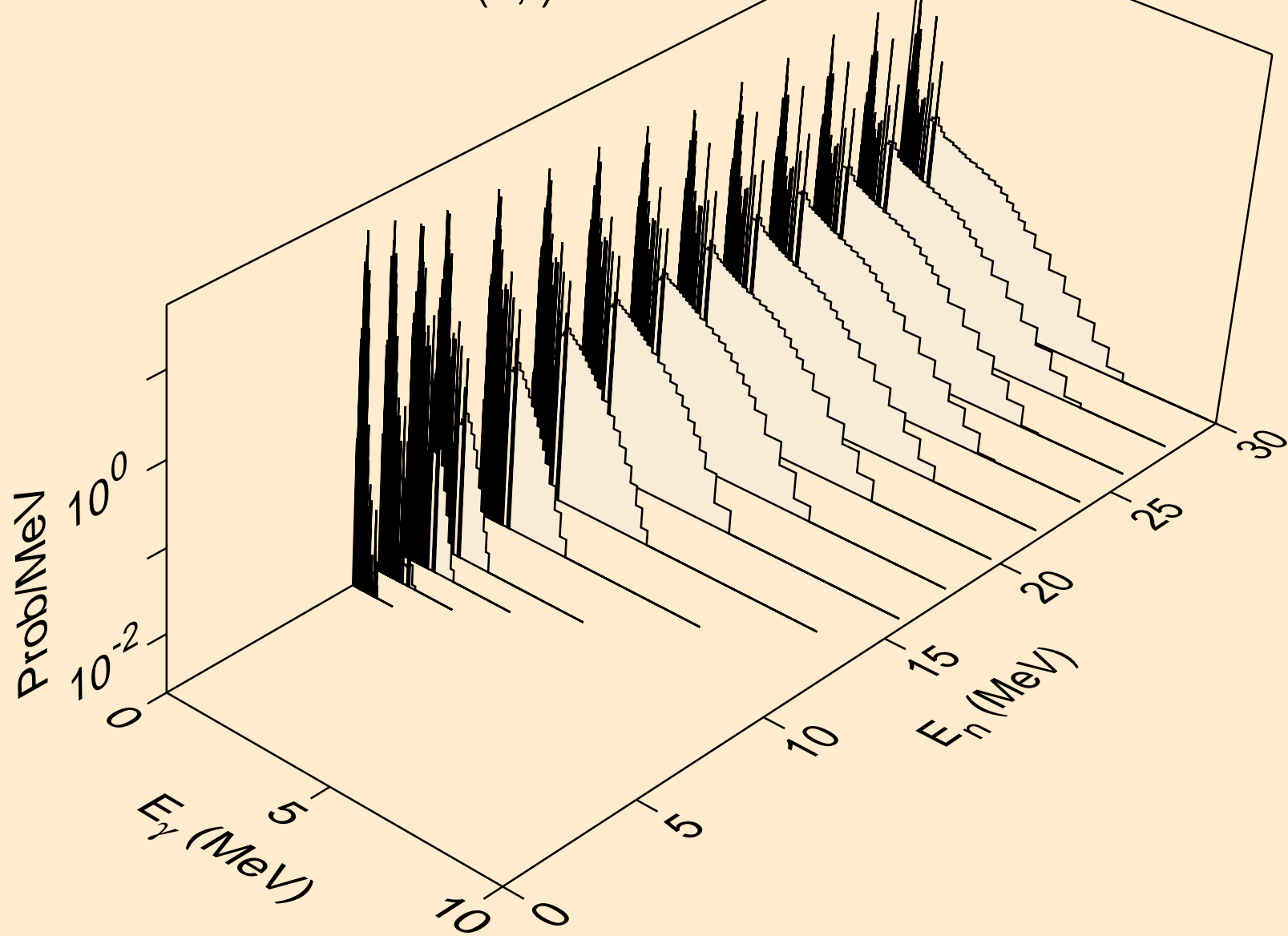
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Photon emission for (n,p)



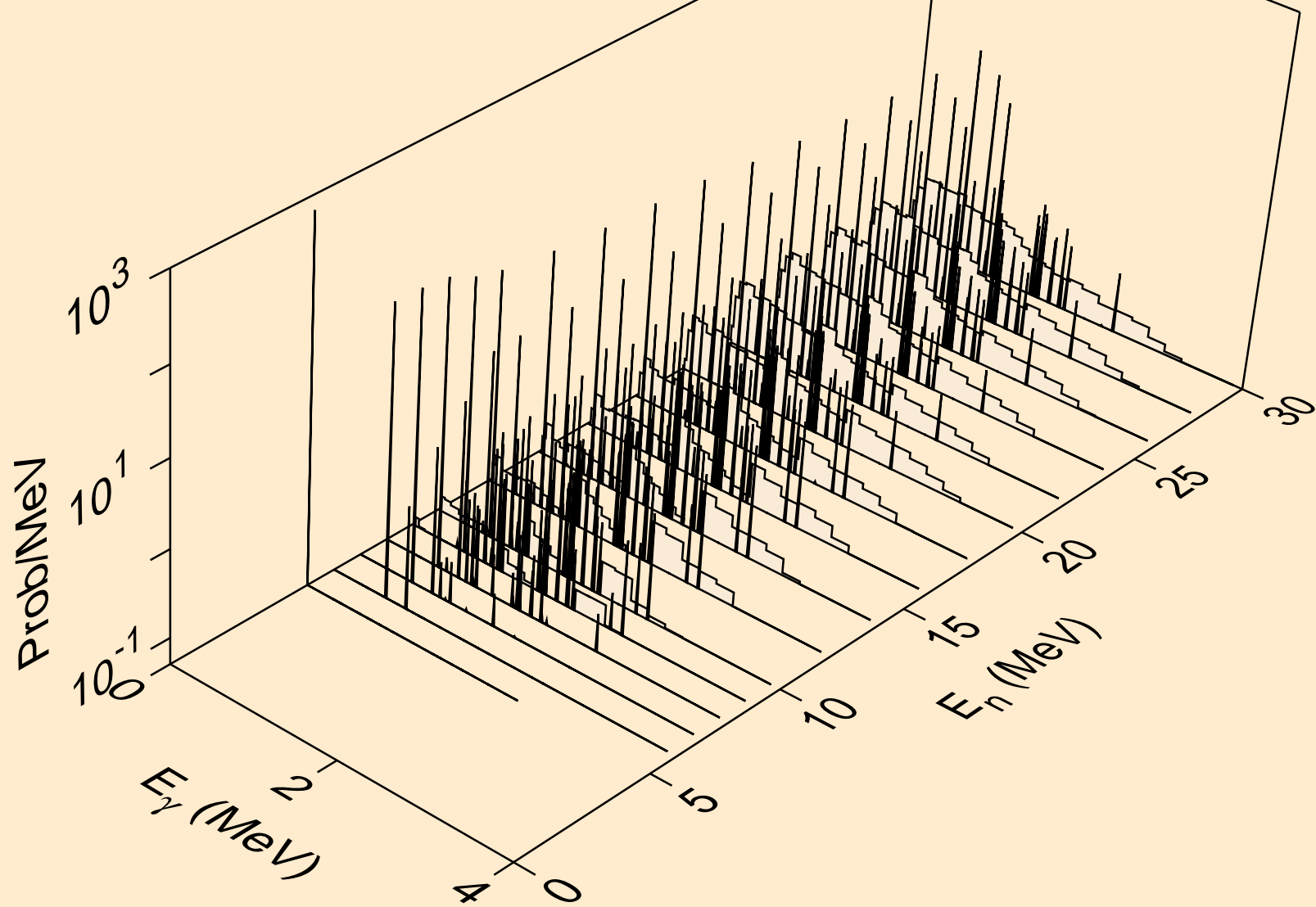
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Photon emission for inelastic



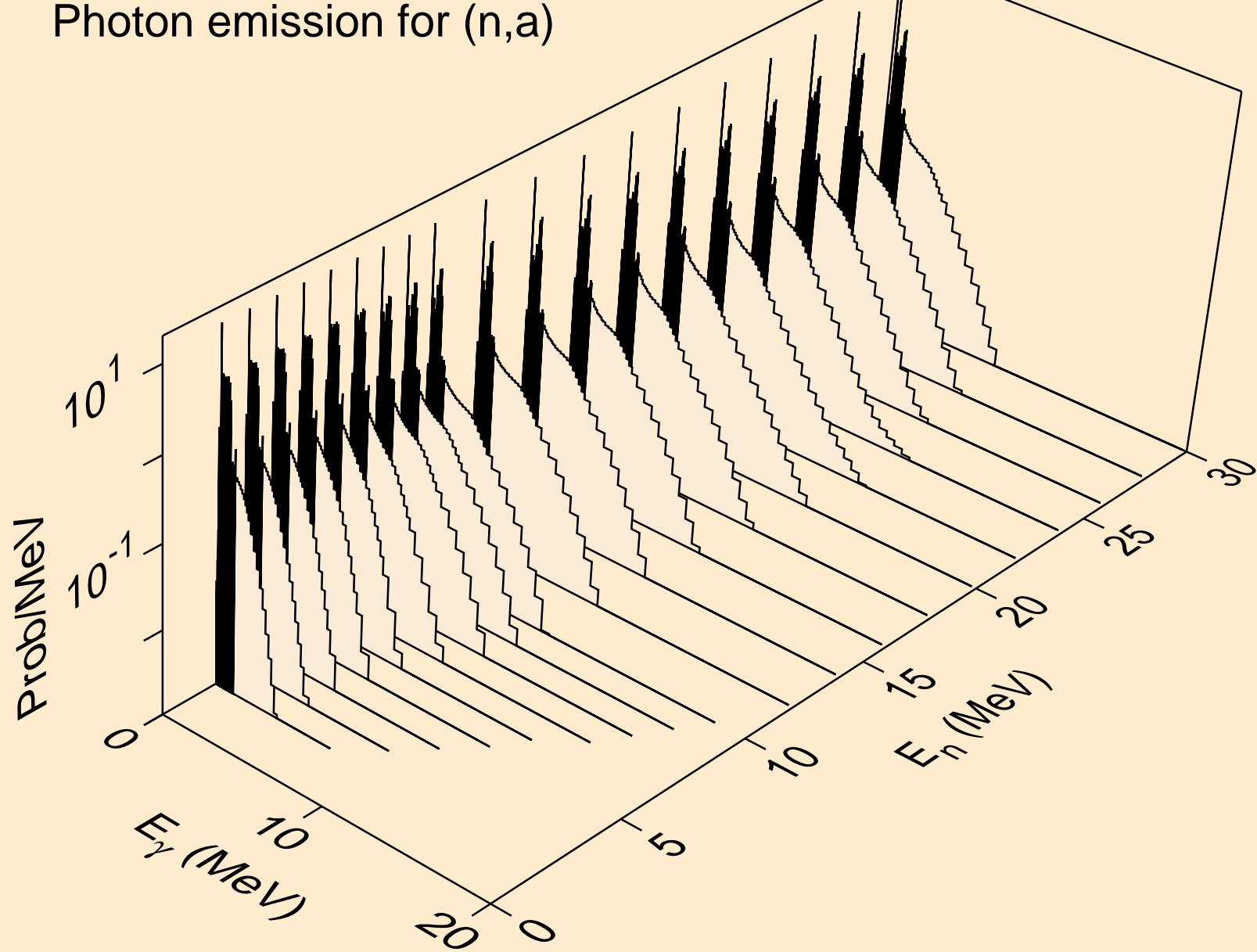
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

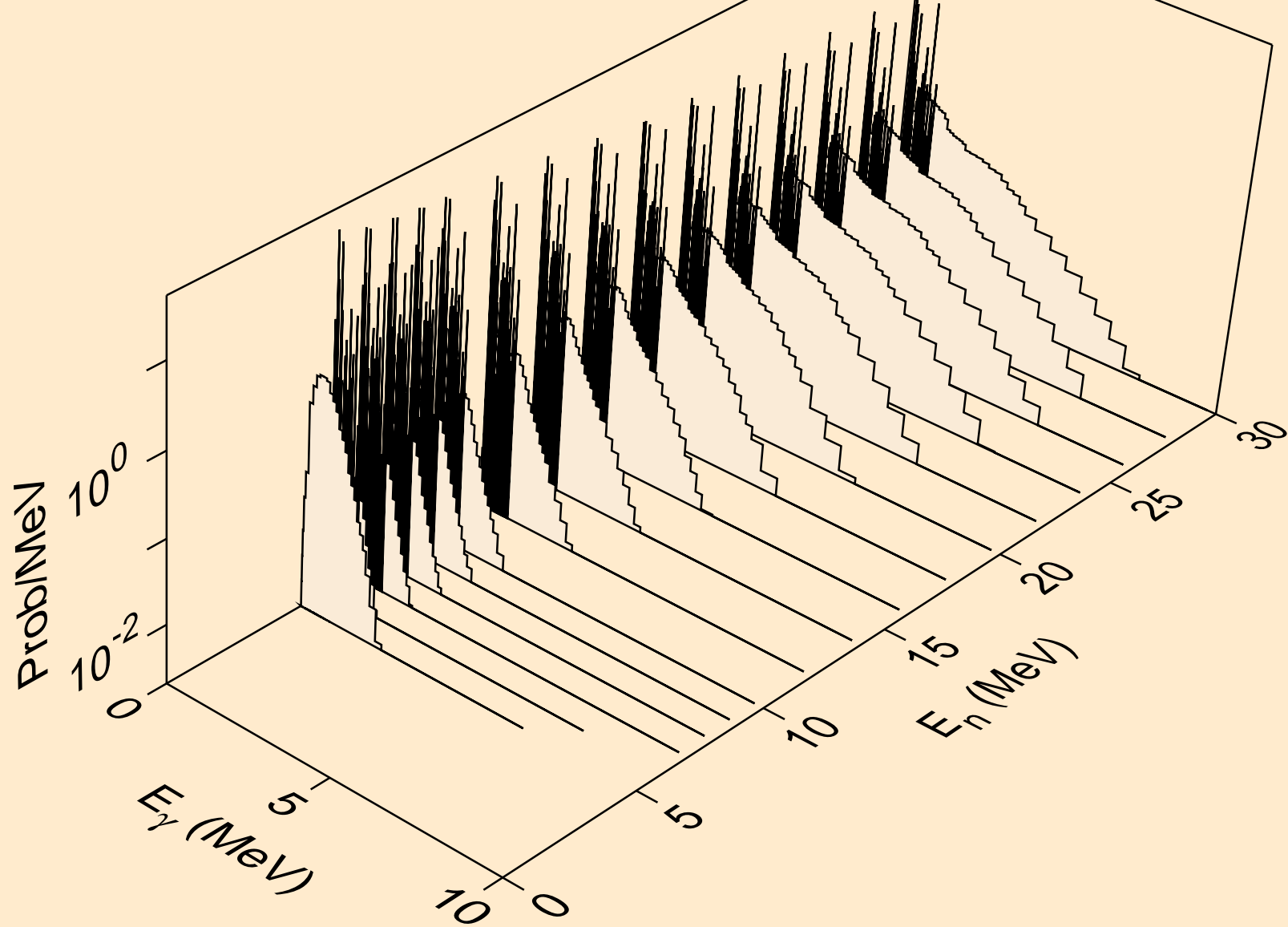


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Photon emission for (n,a)

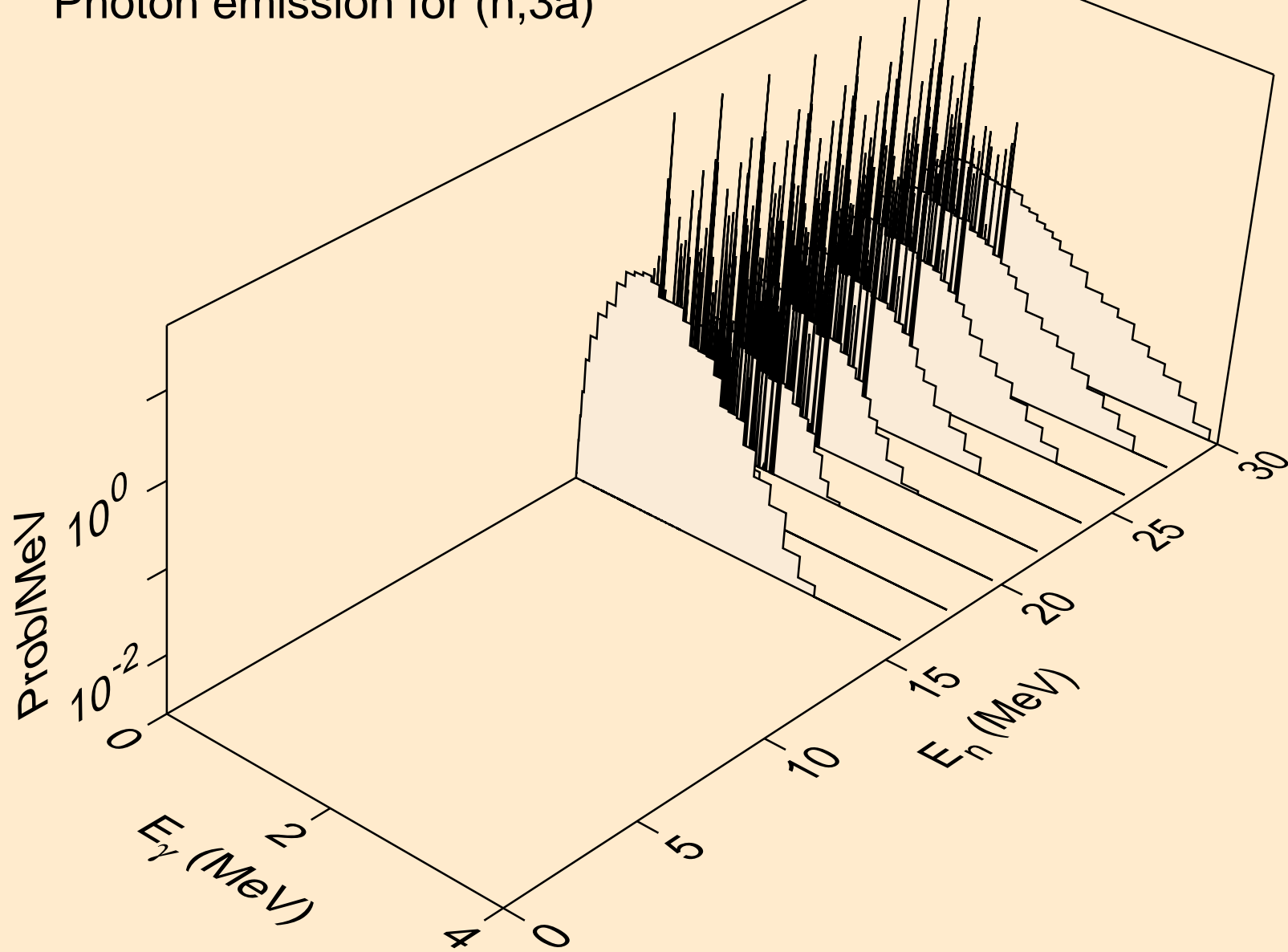




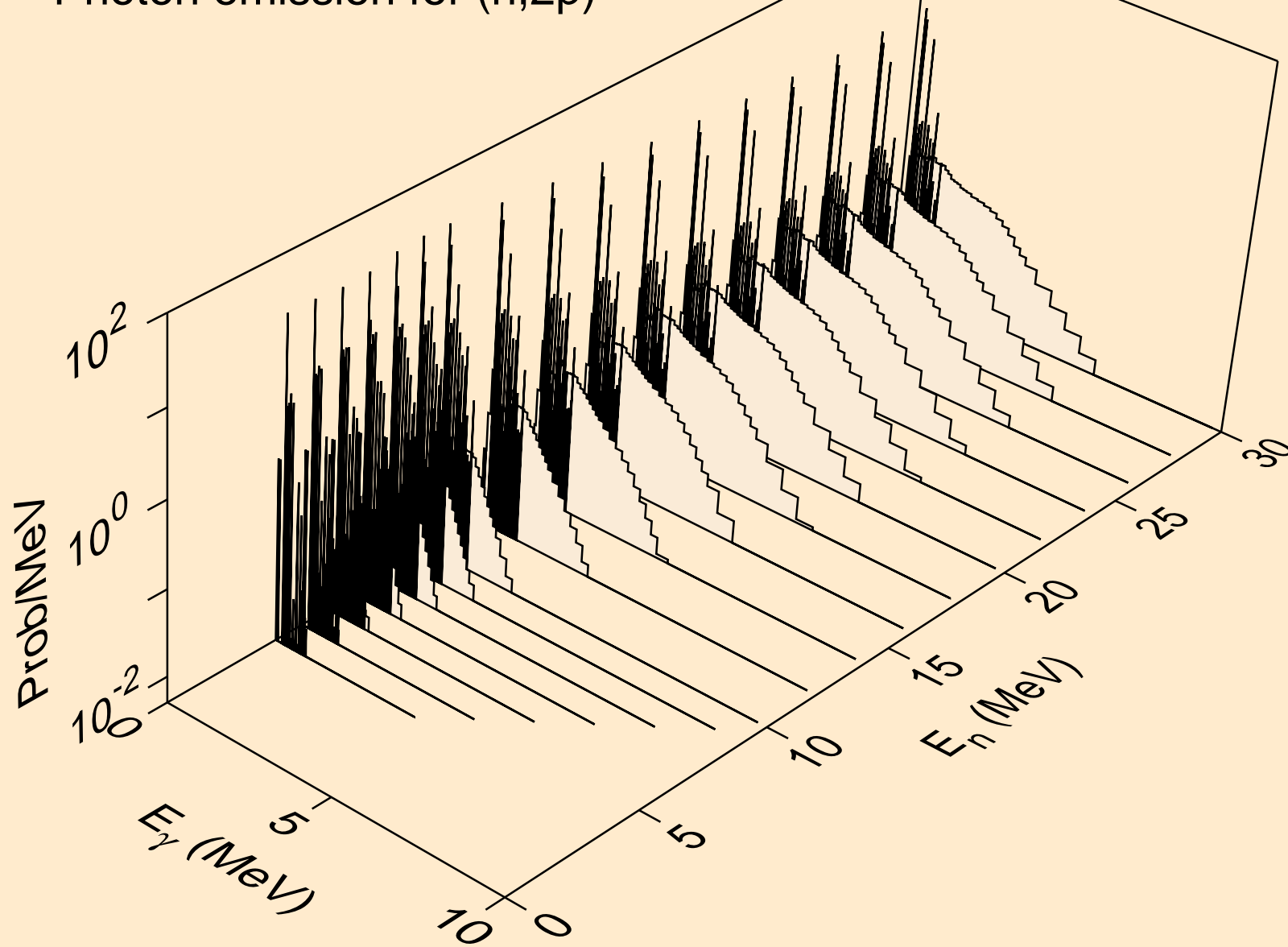
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Photon emission for (n,2a)



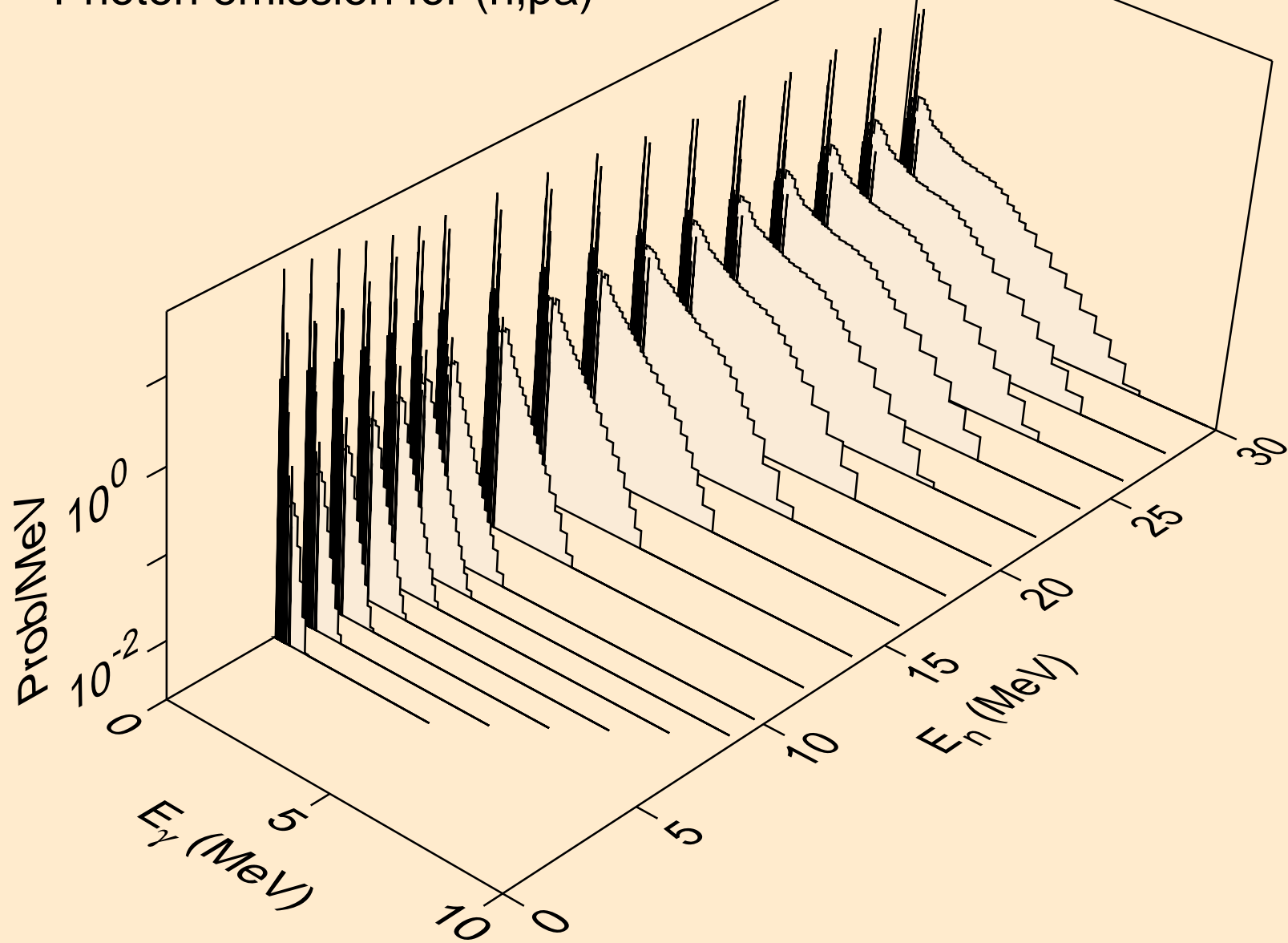
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Photon emission for (n,3a)



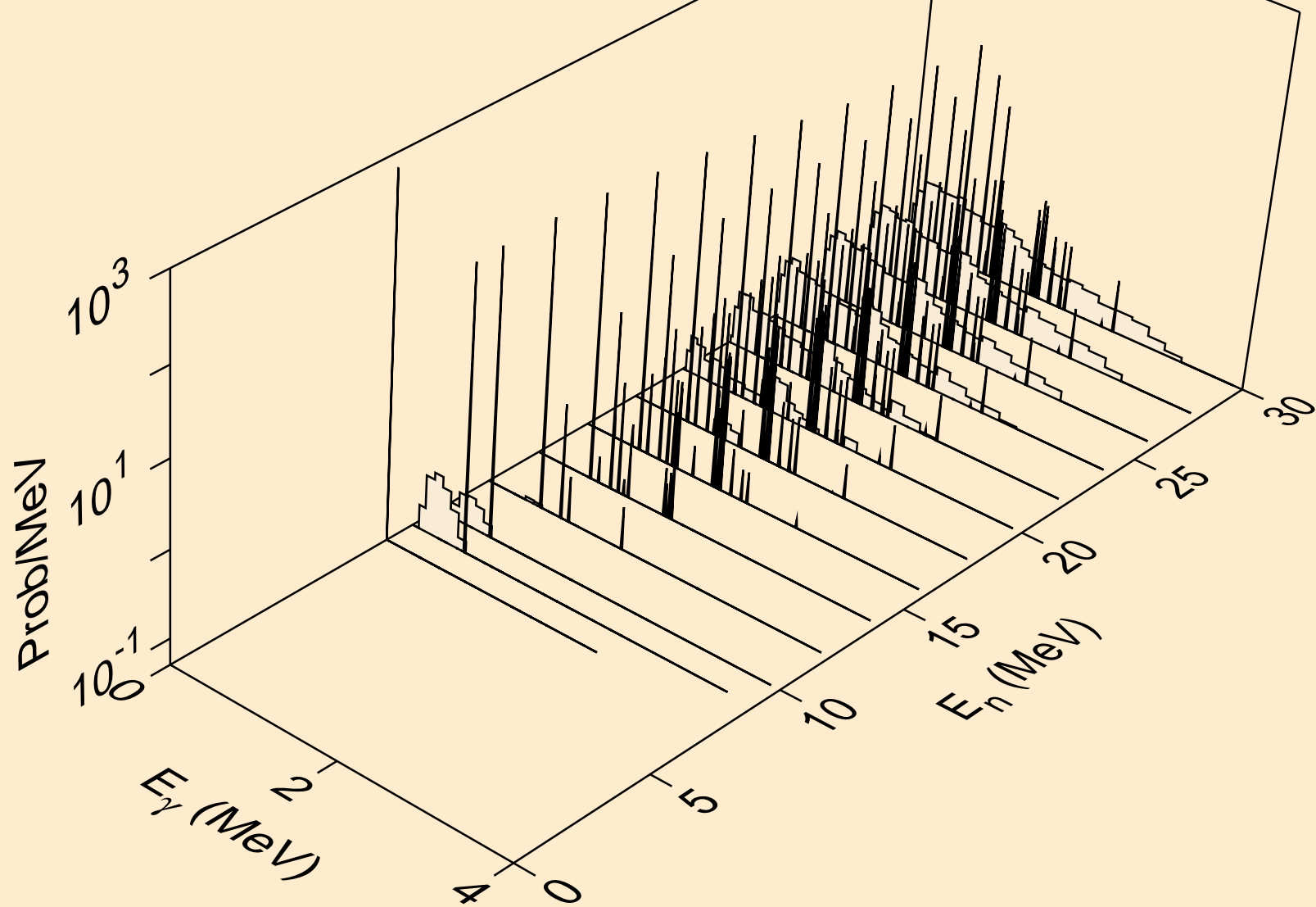
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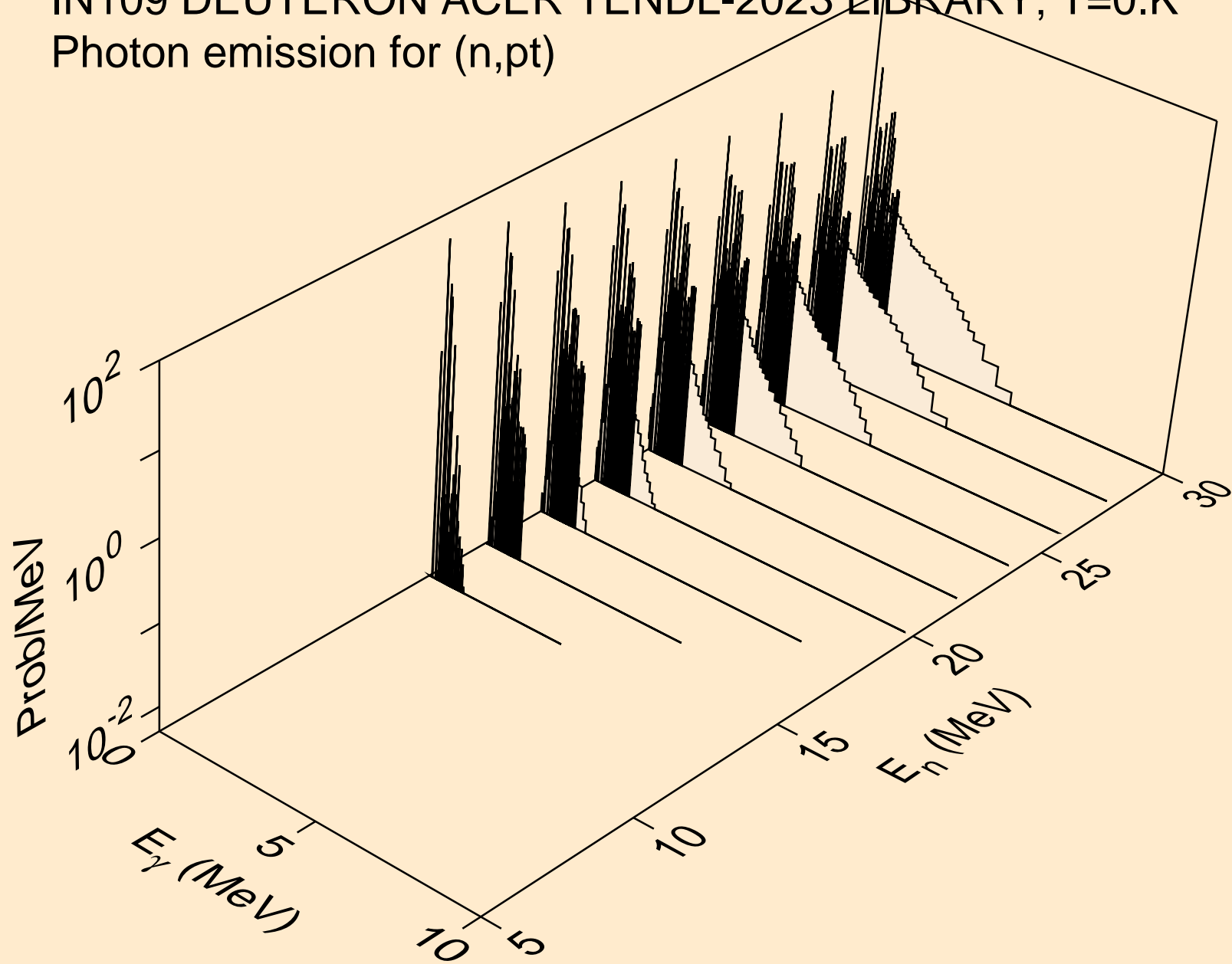
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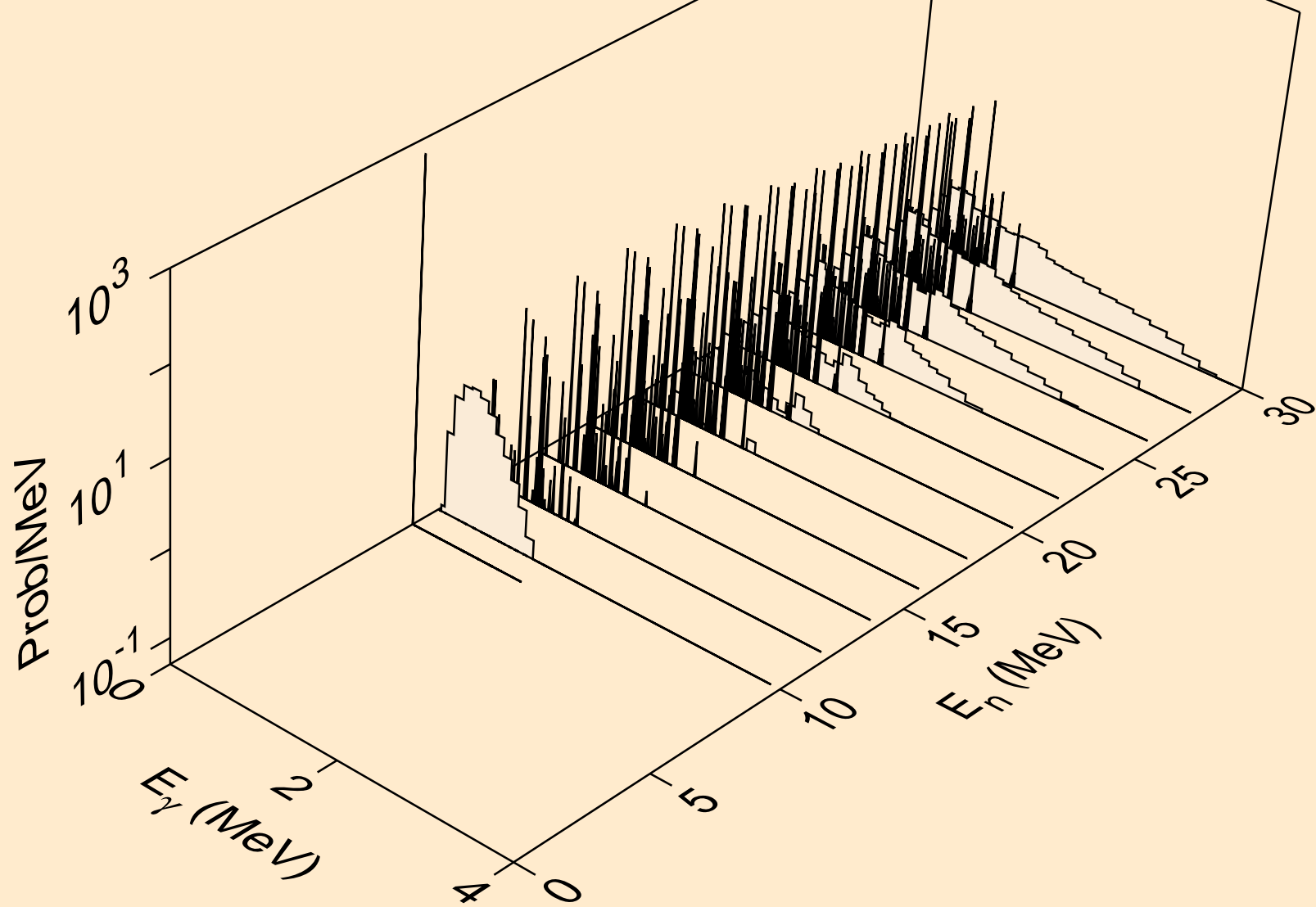
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Photon emission for (n,pd)



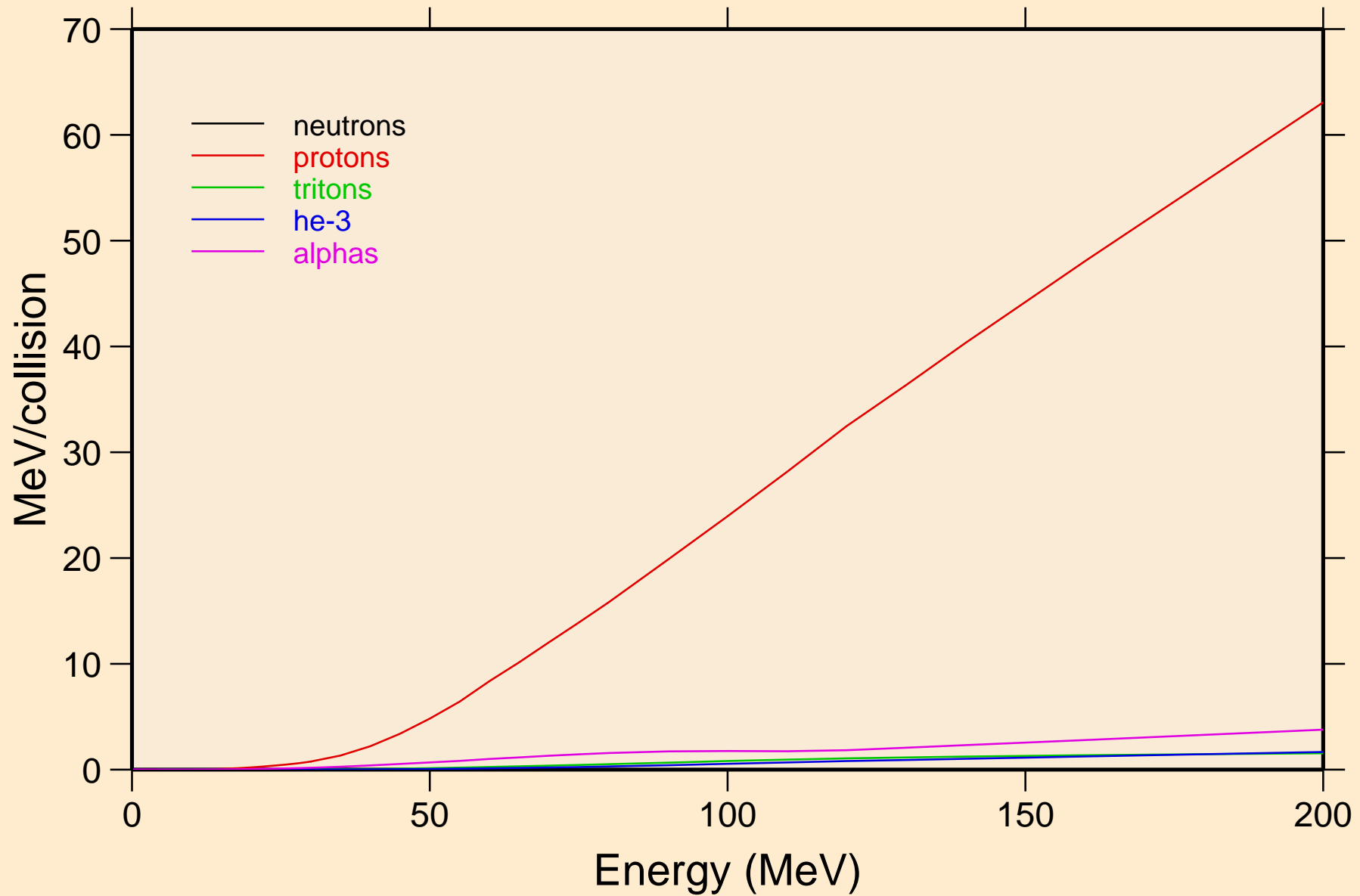
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

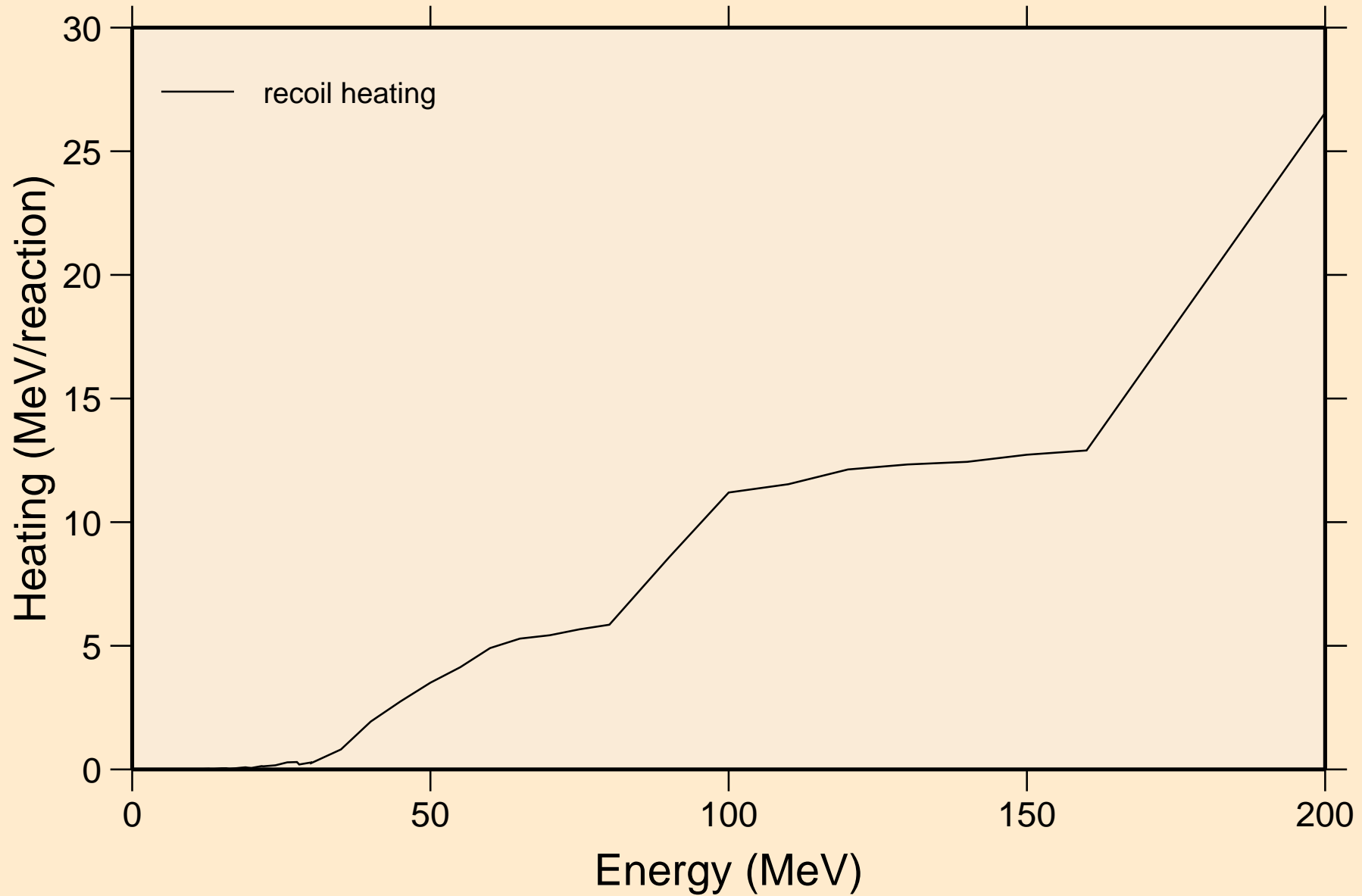


IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

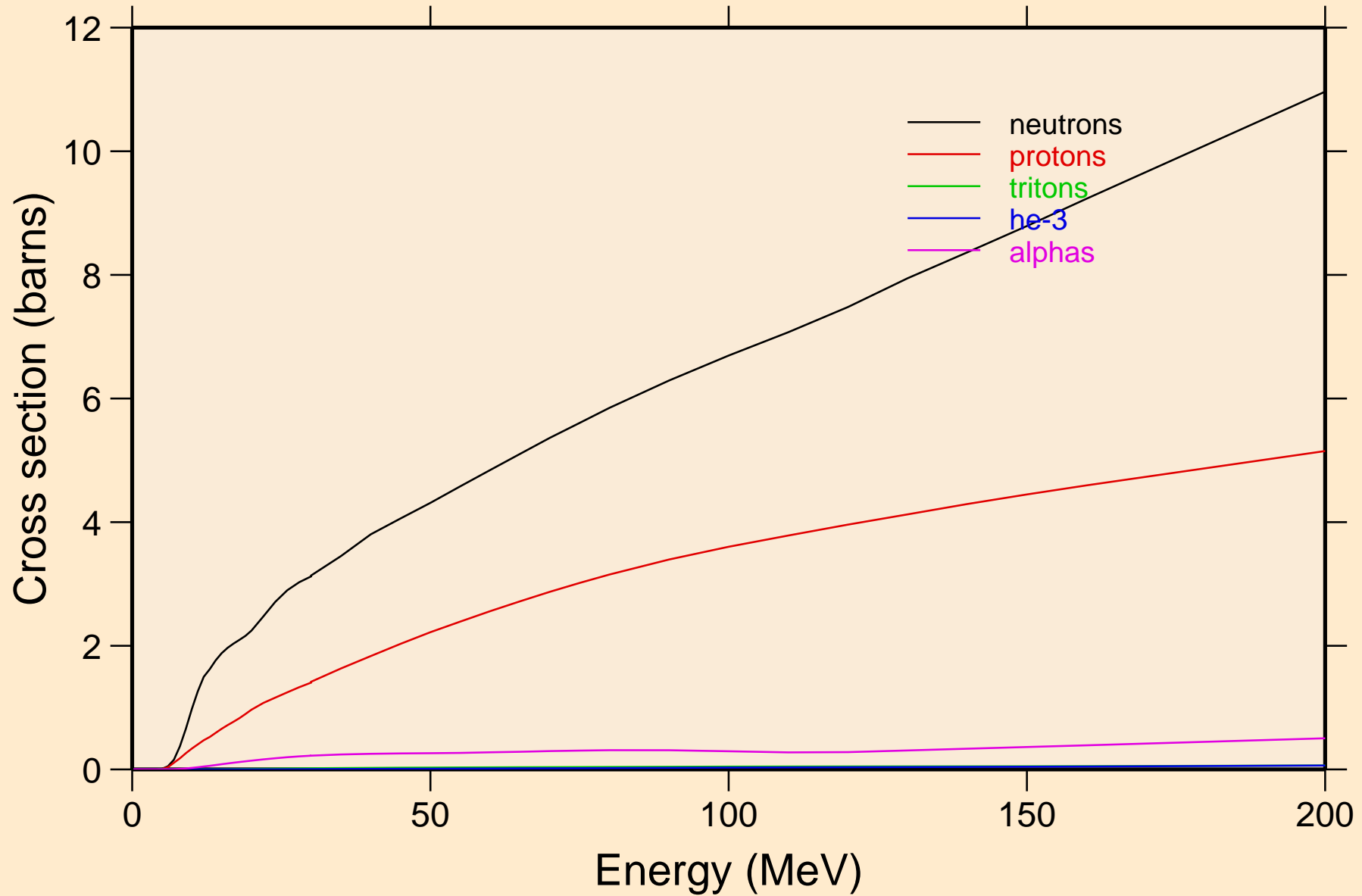




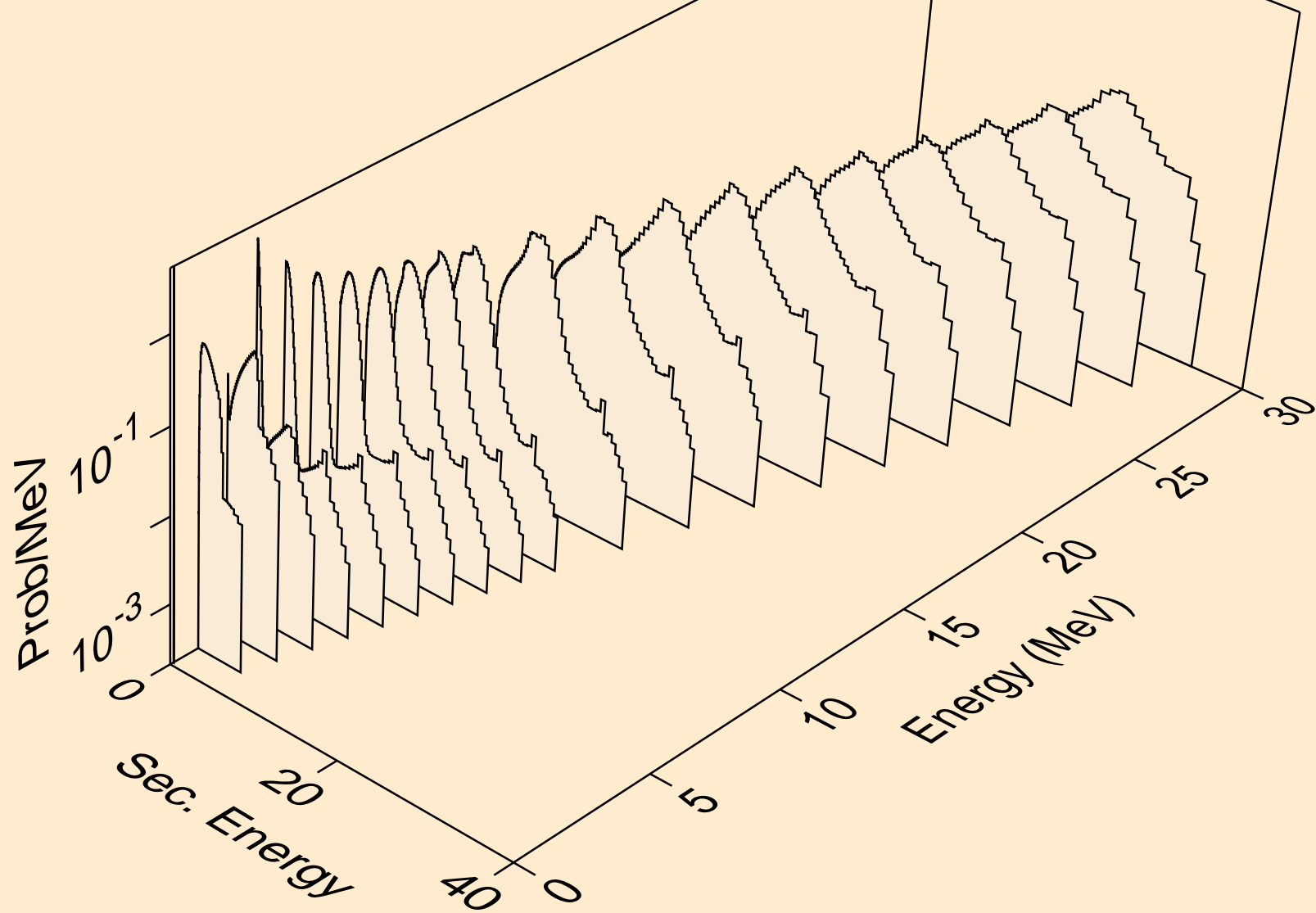
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Recoil Heating



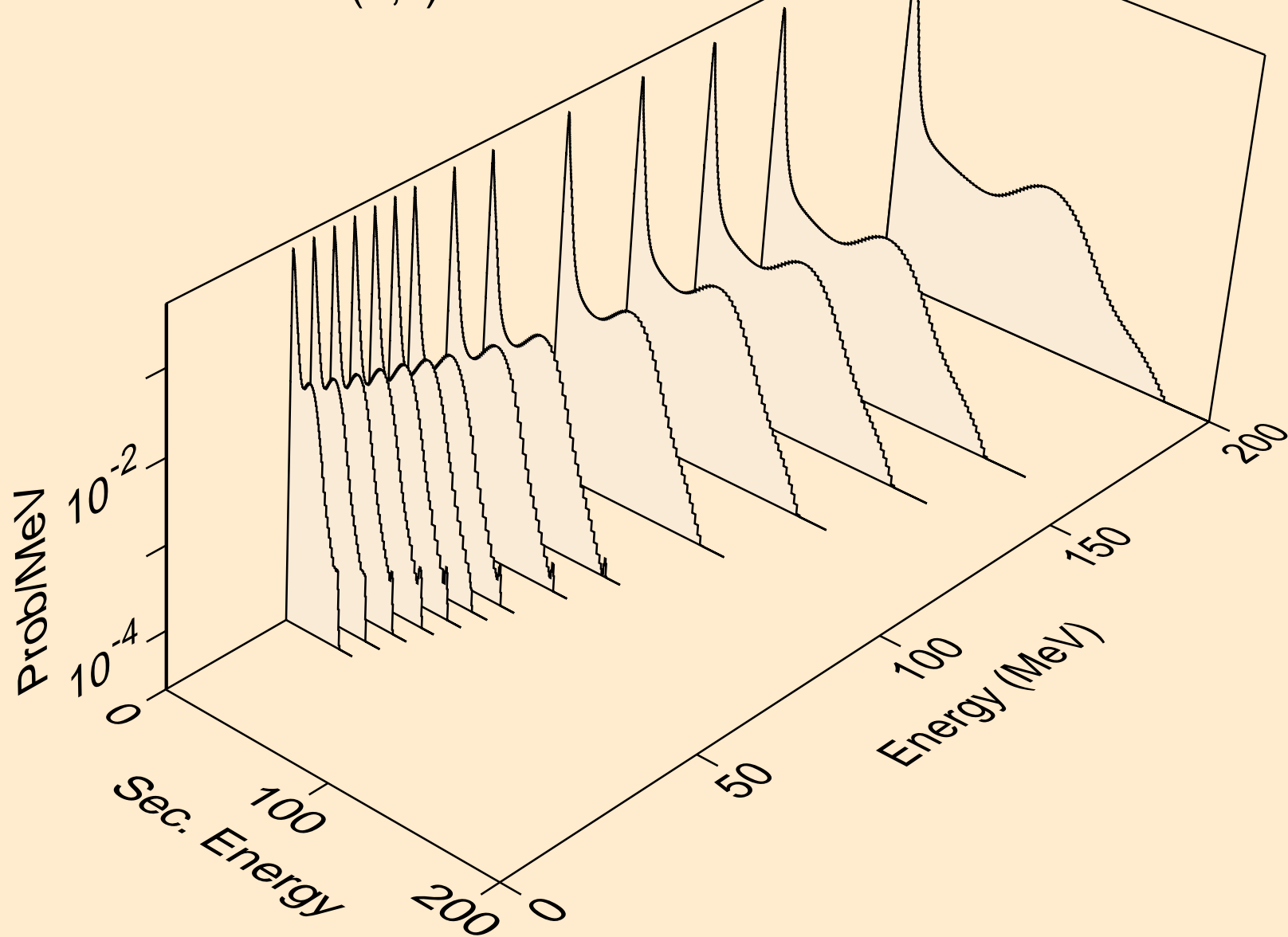
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



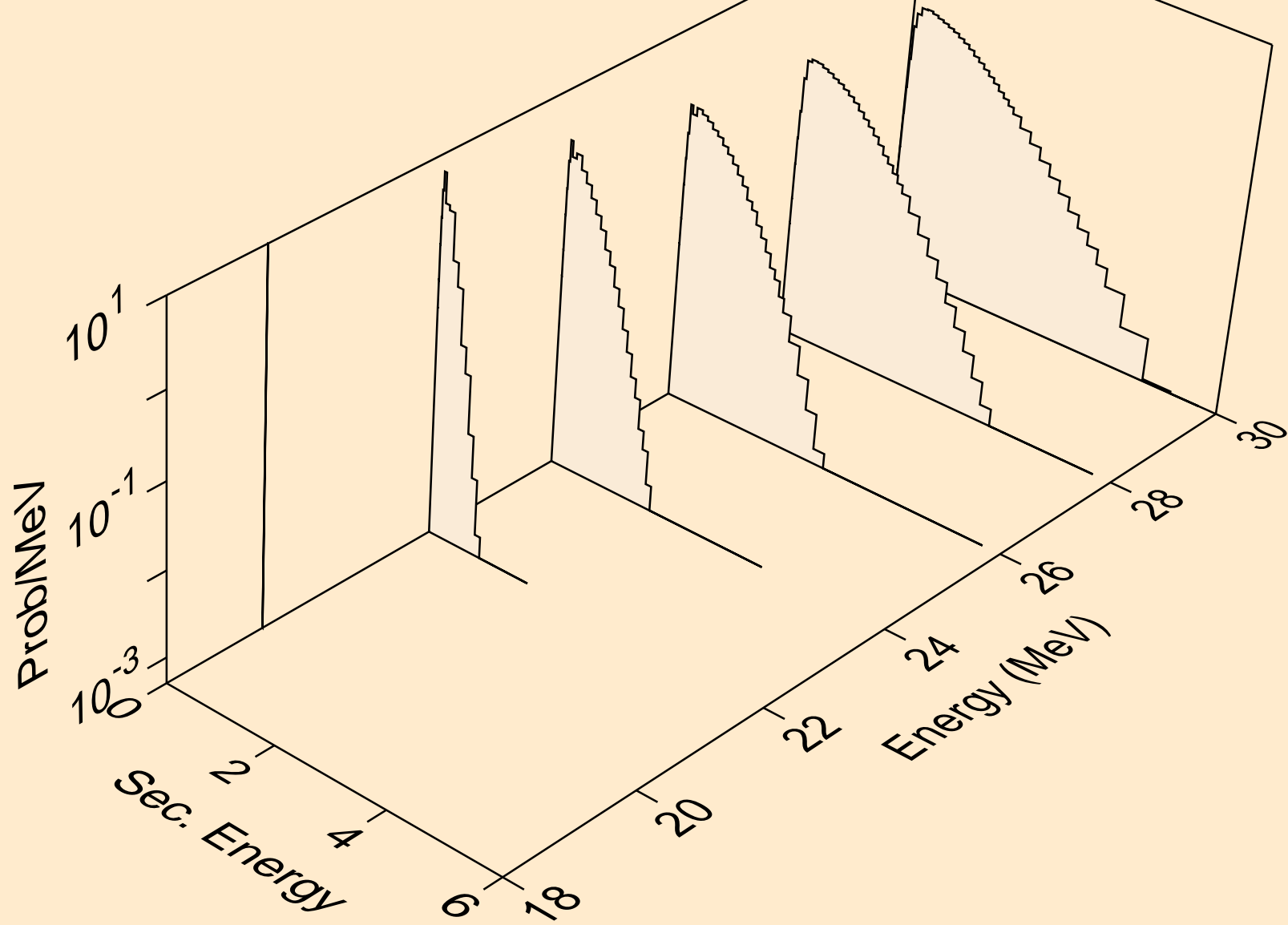
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neutrons from (d,n)



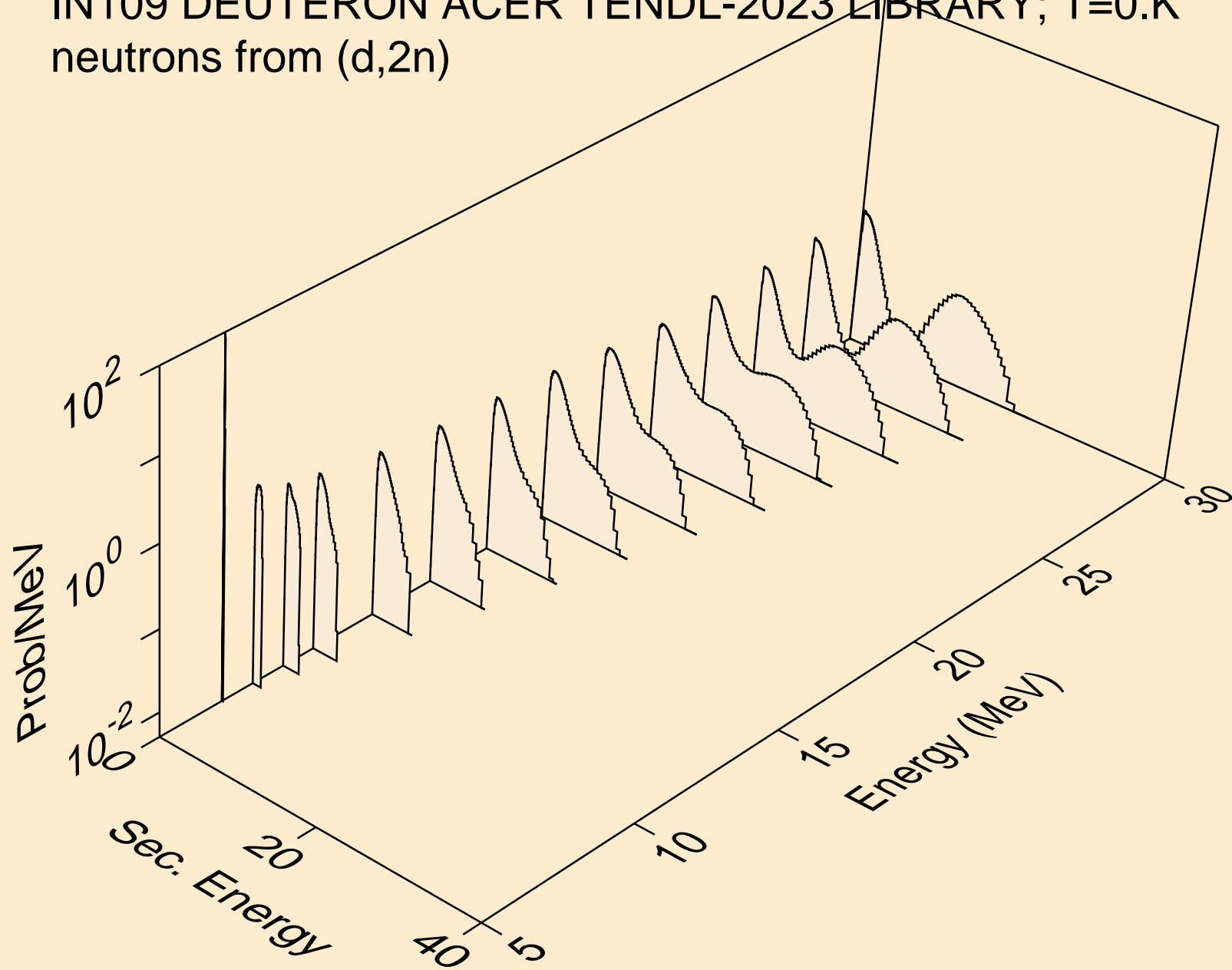
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neutrons from (d,x)



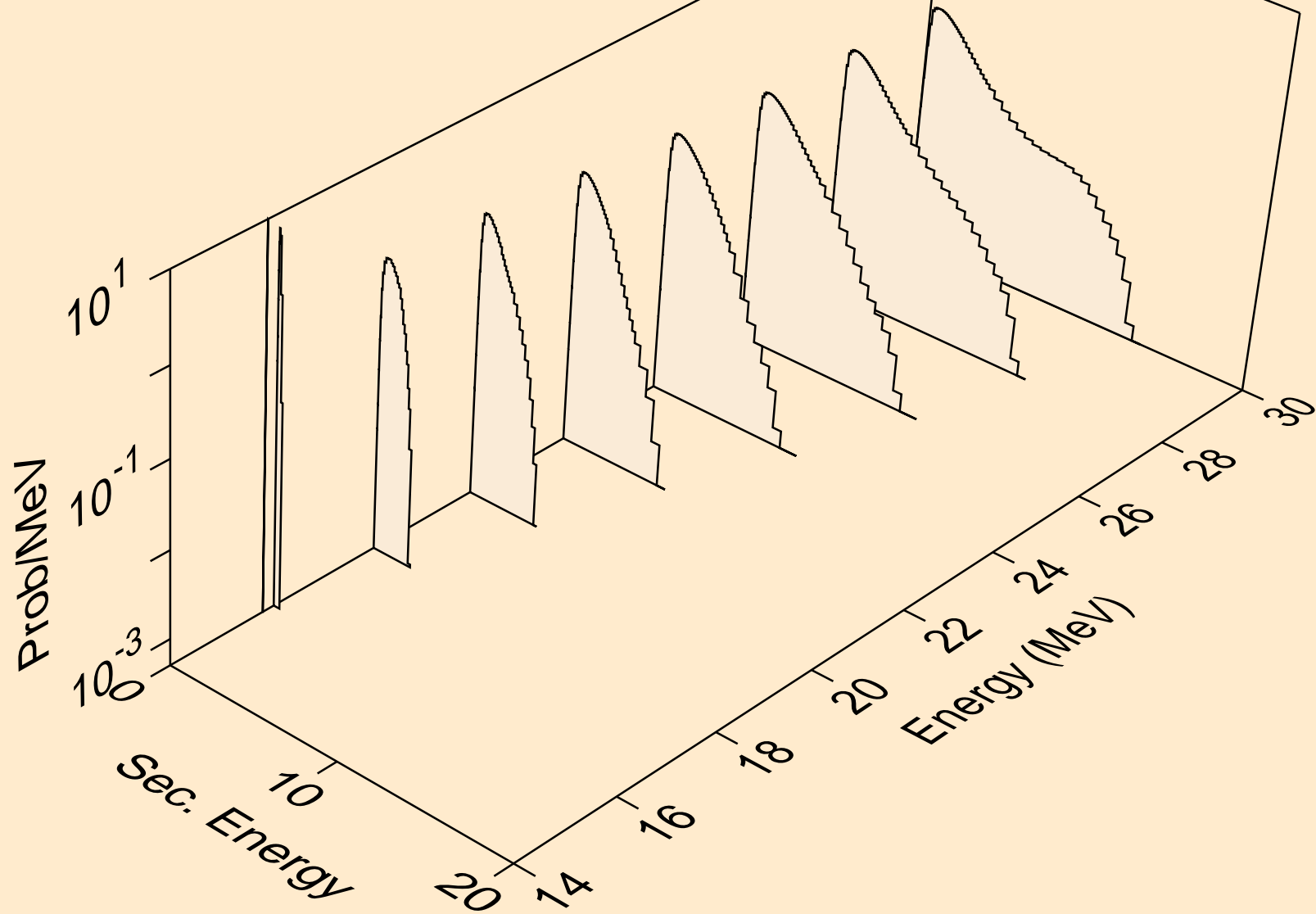
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neutrons from (d,2nd)



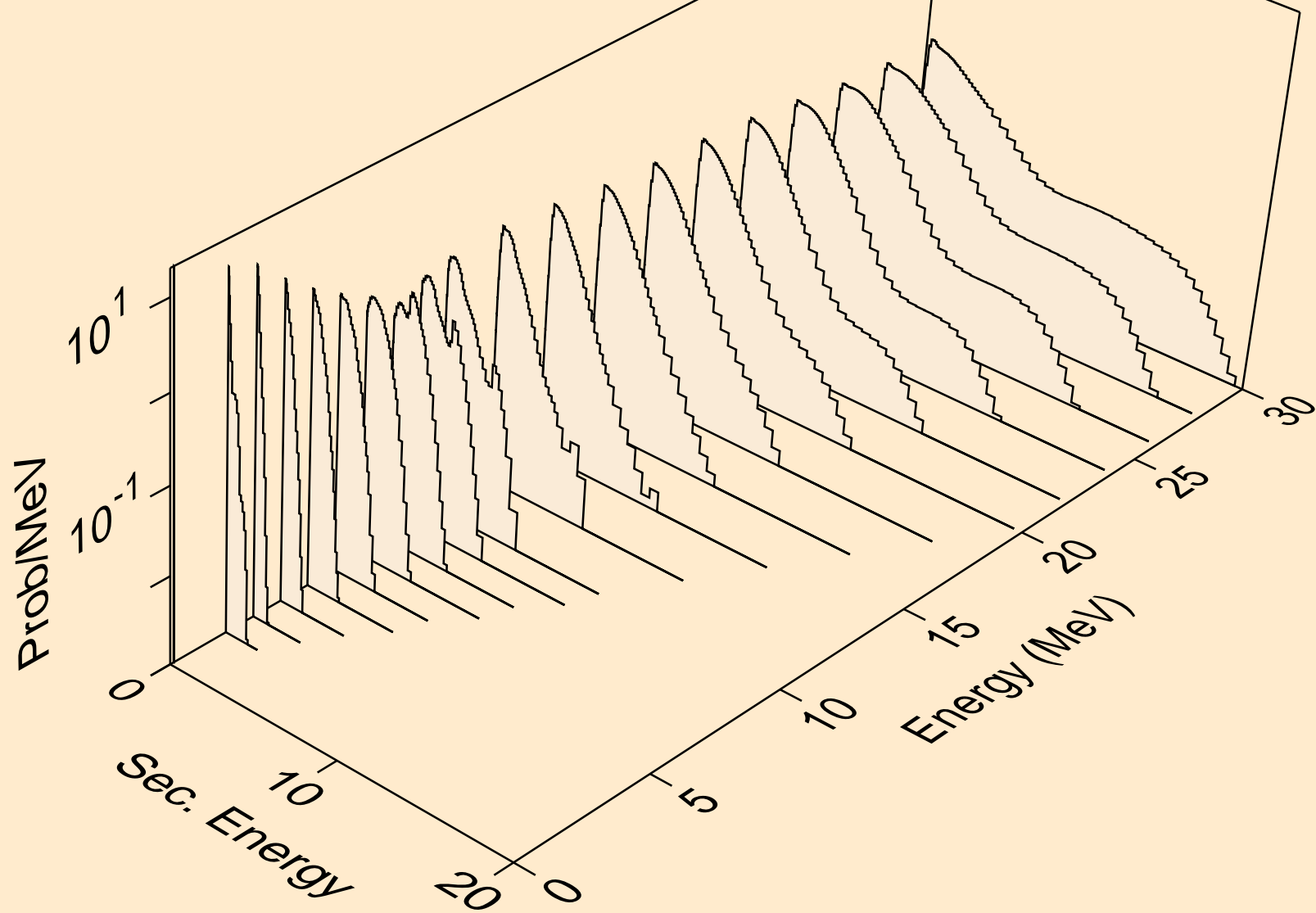
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neutrons from (d,2n)



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3n)

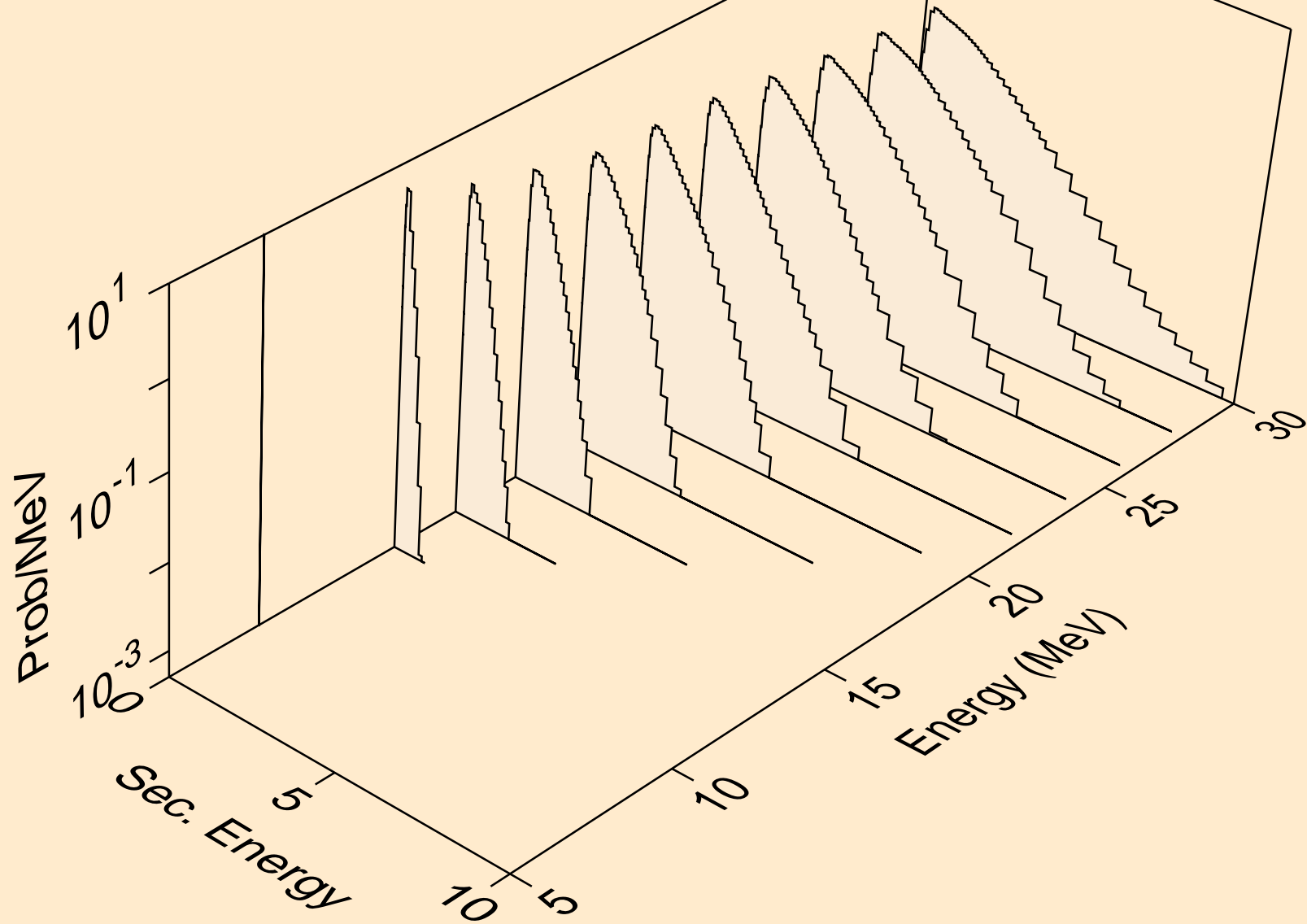


IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)a

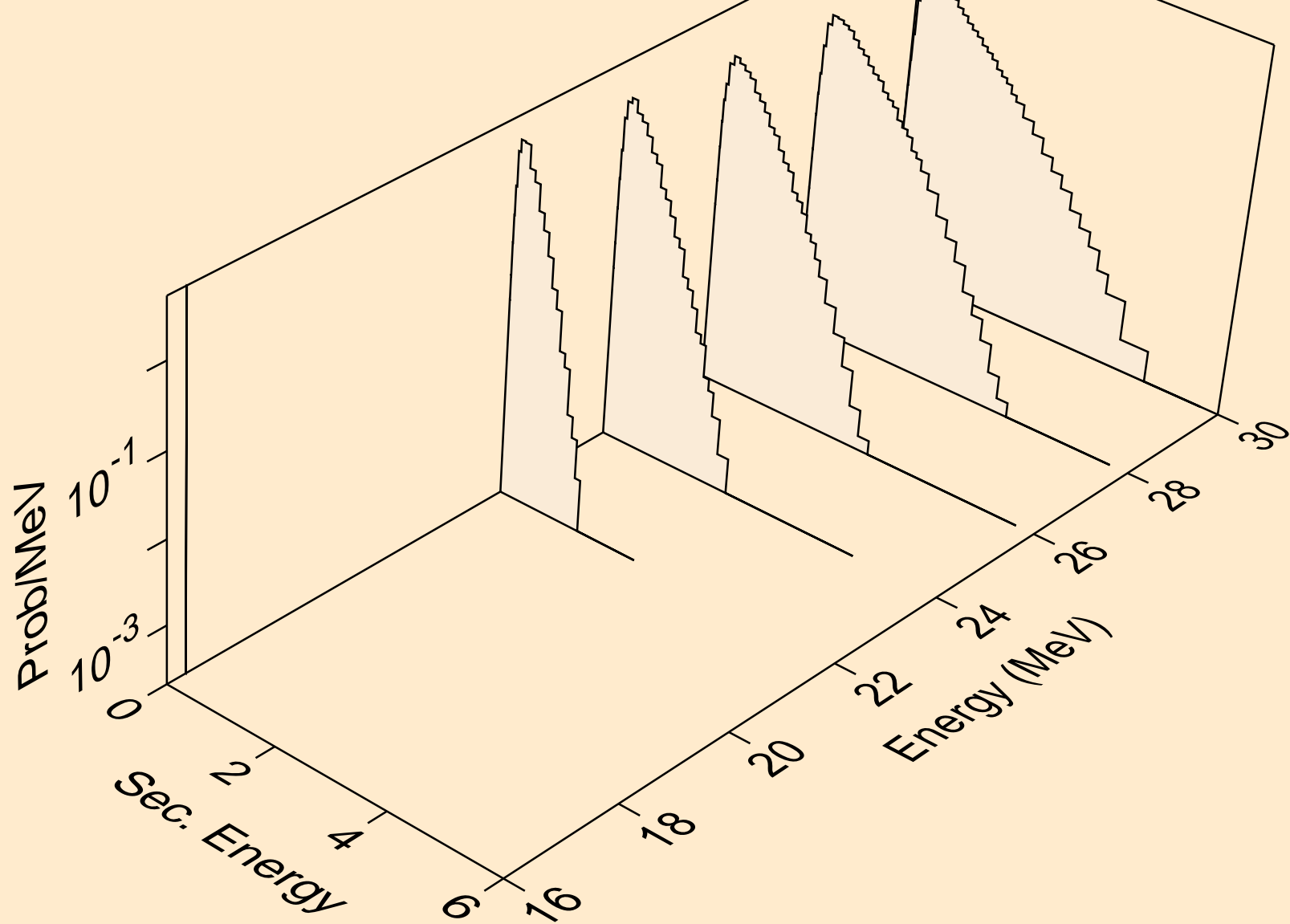




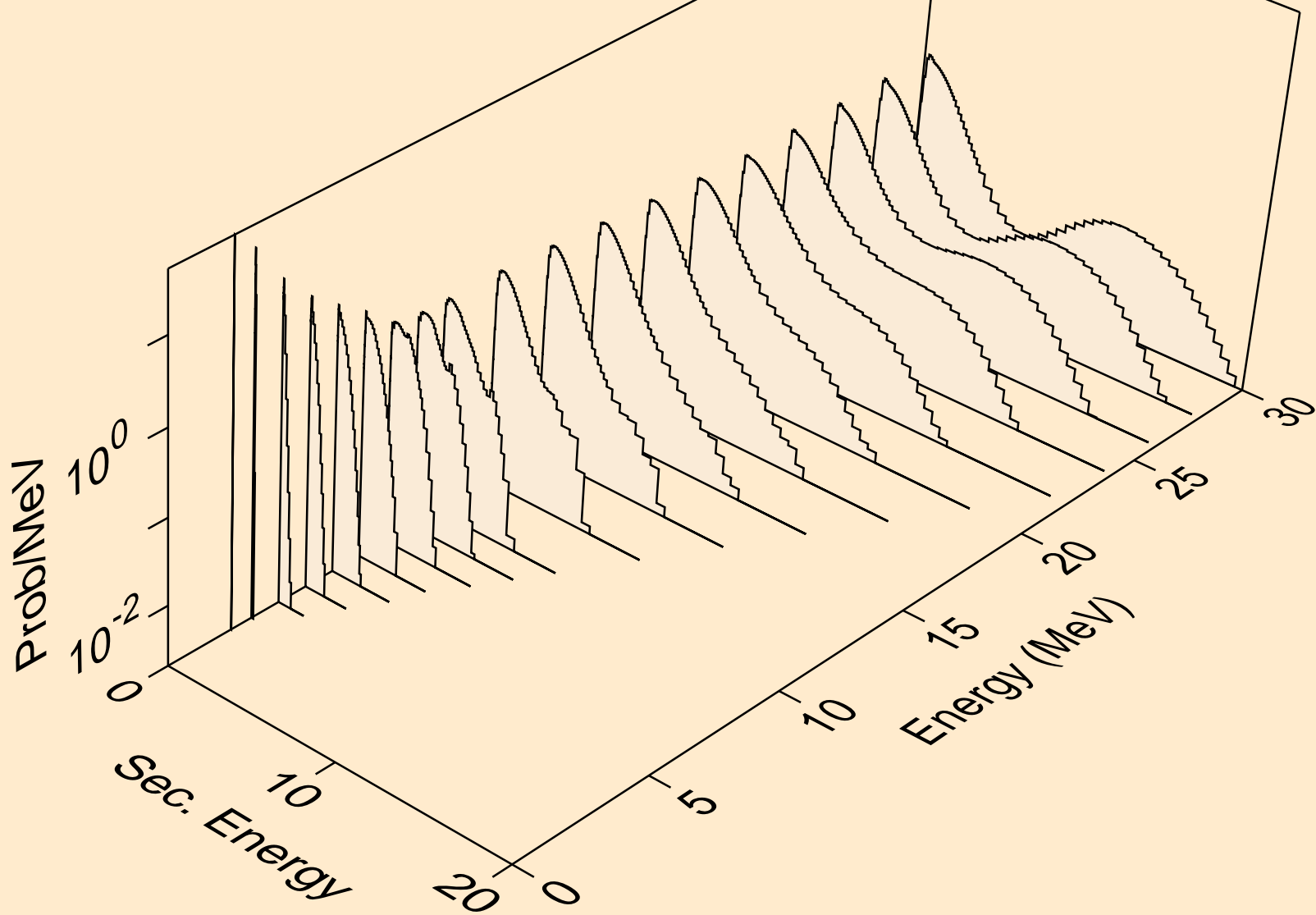
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neutrons from (d,2n)a



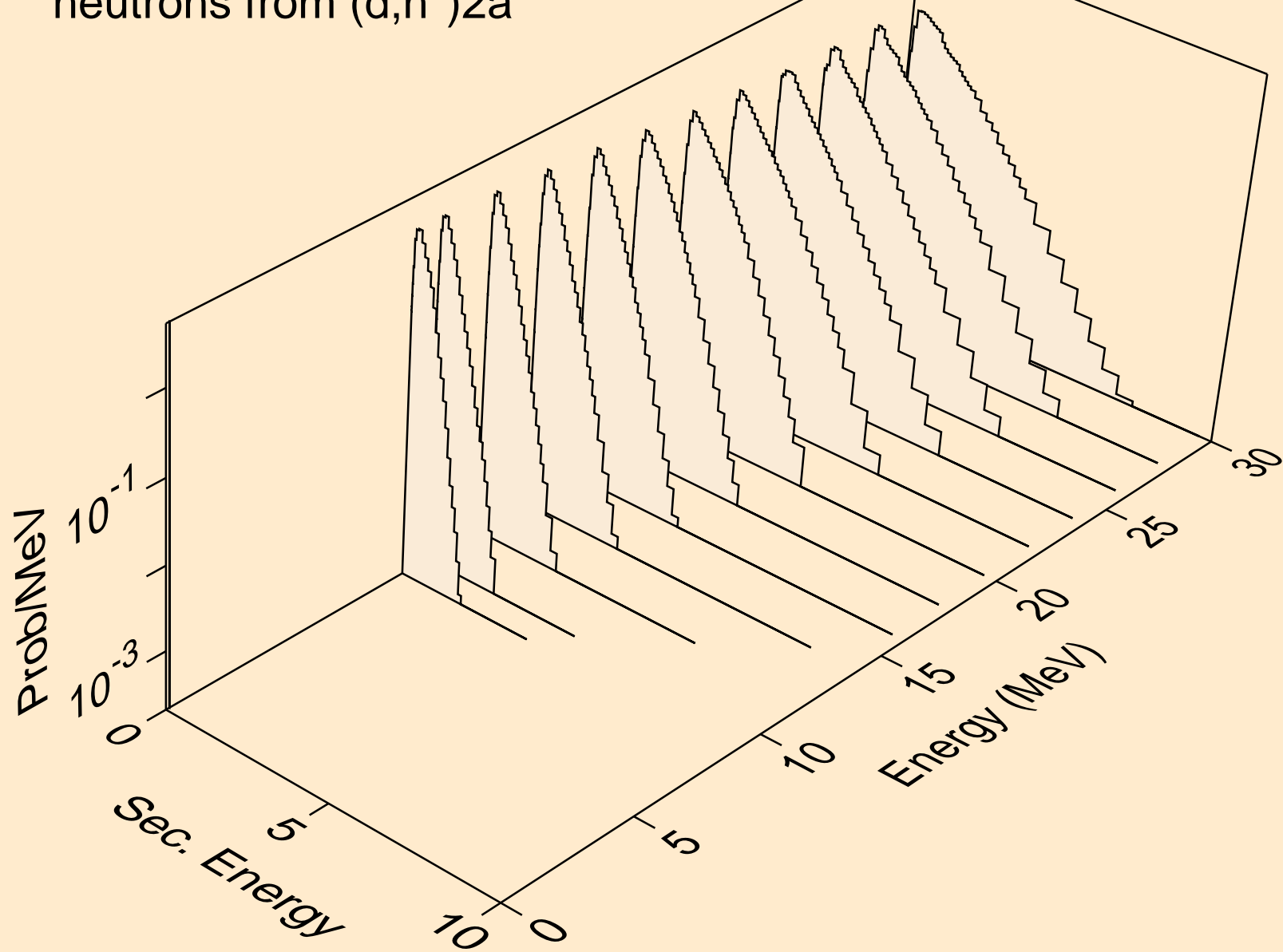
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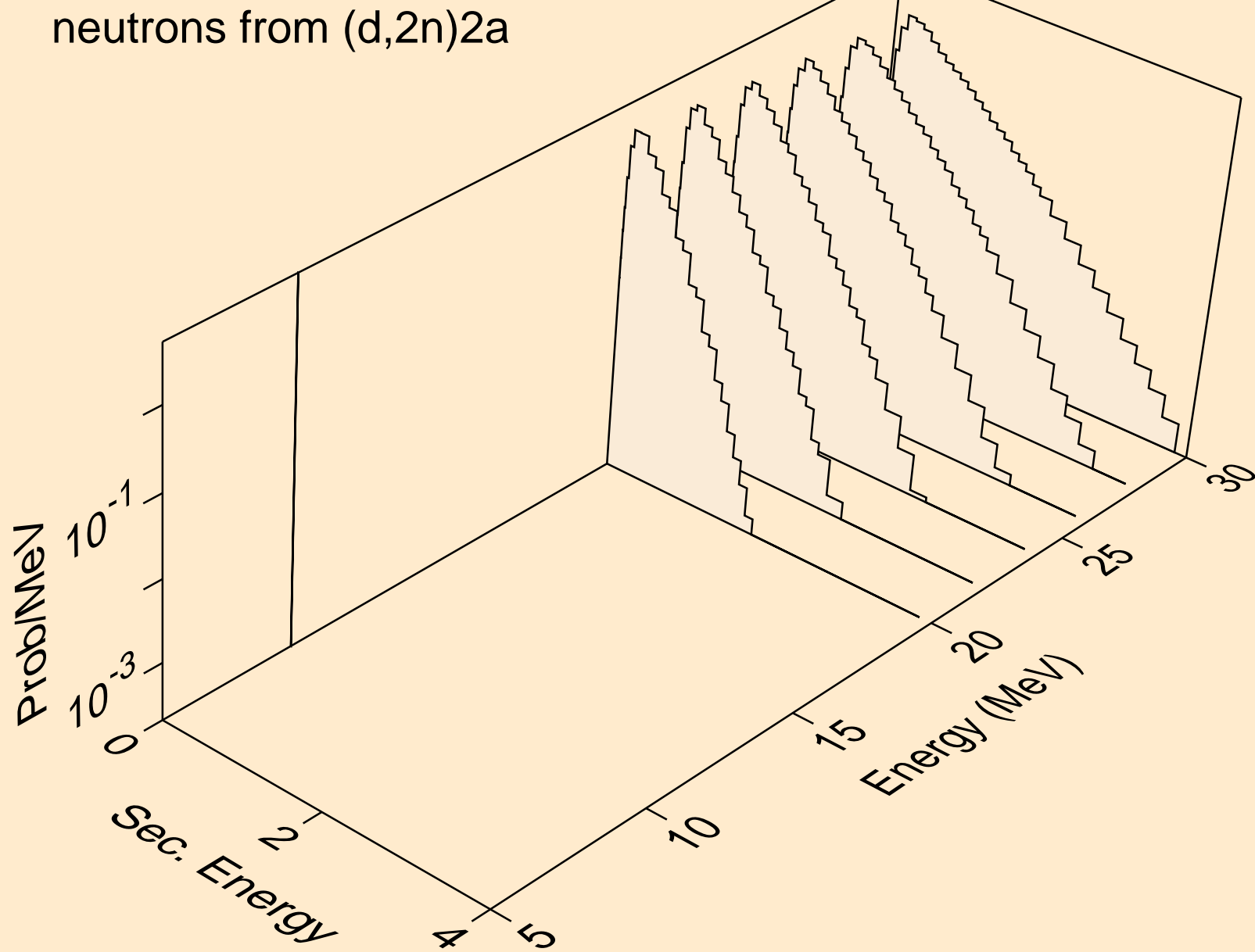
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neutrons from (d,n\*)p



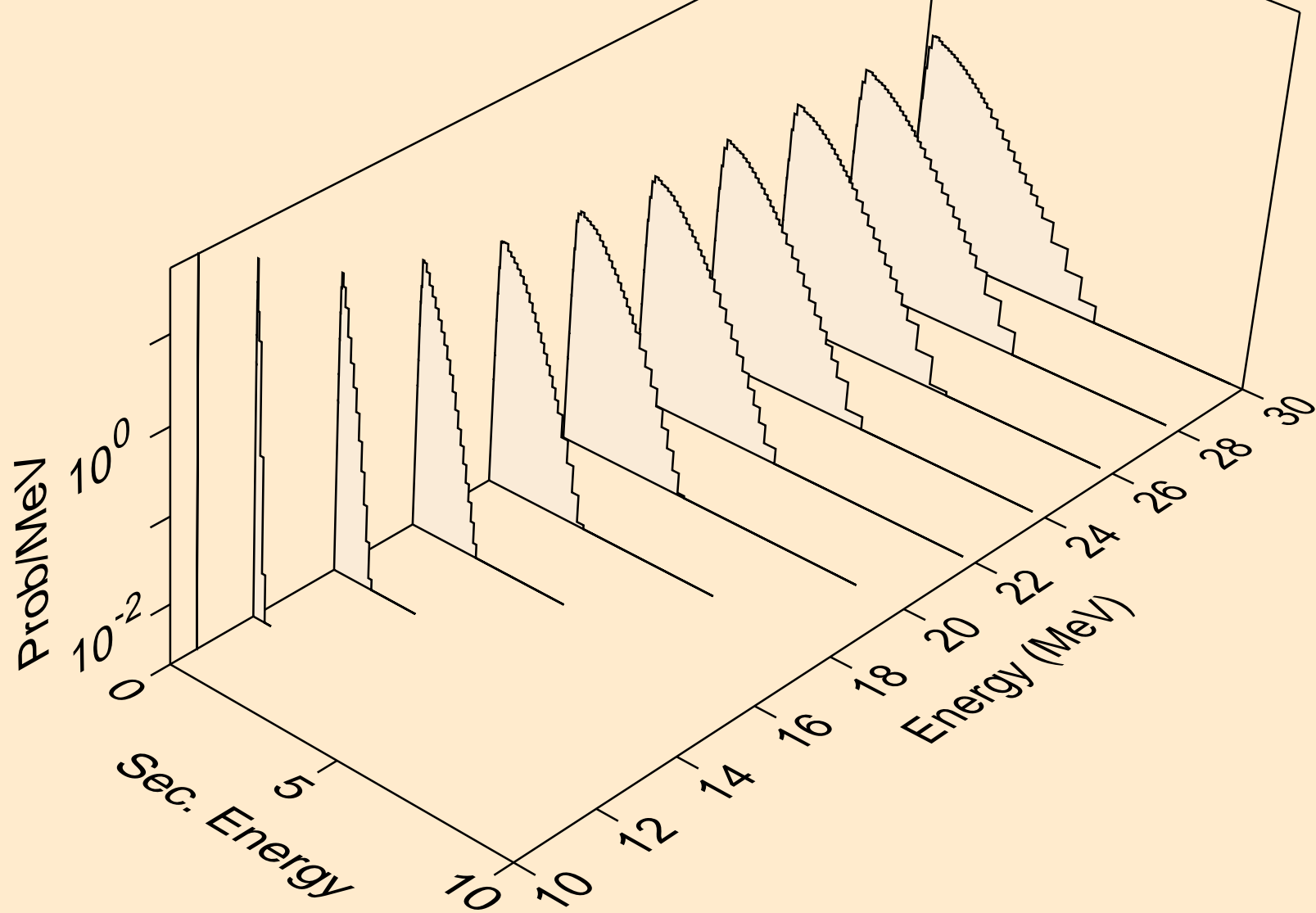
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neutrons from (d,n\*)2a



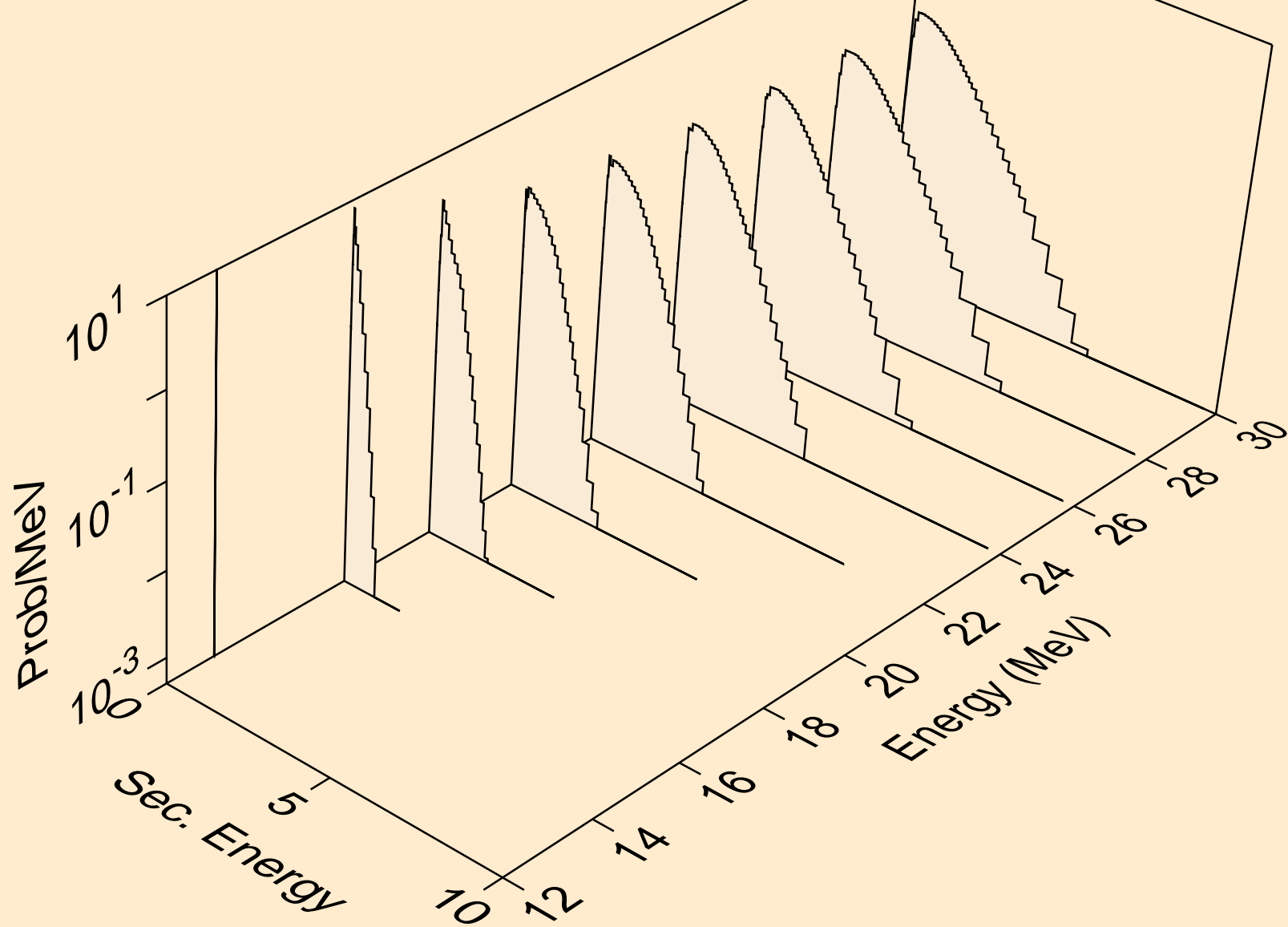
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neutrons from (d,2n)2a



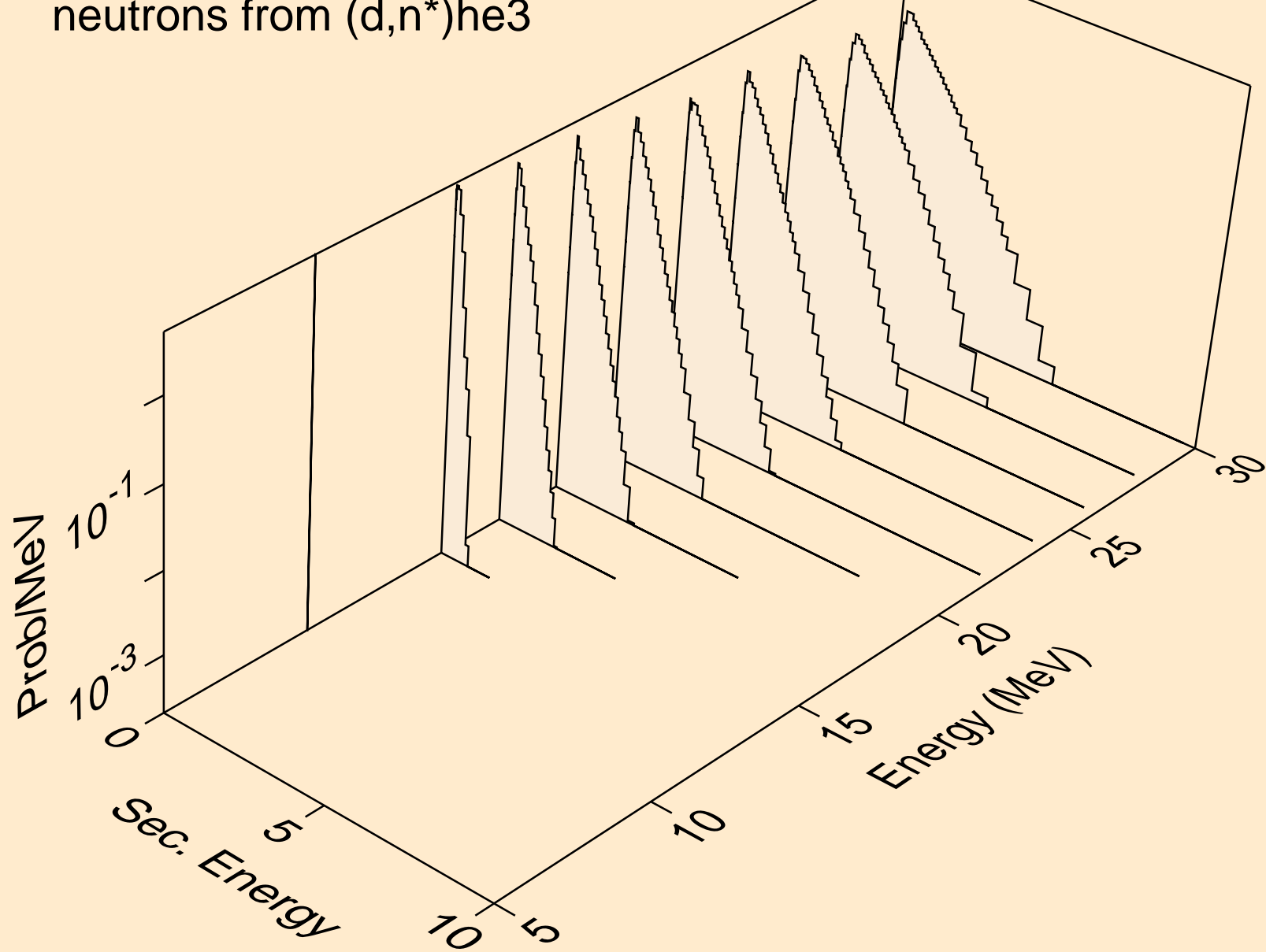
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)d



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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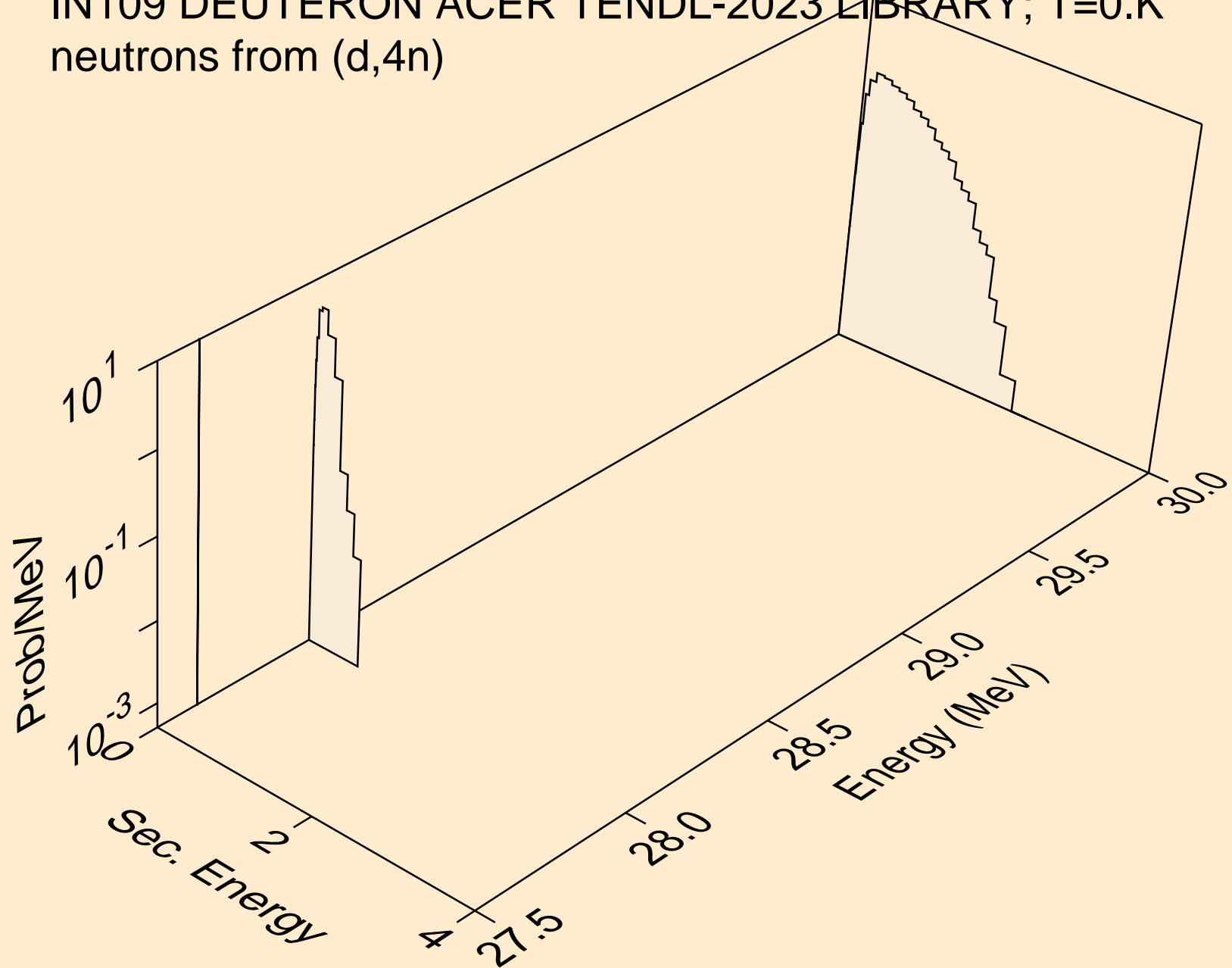


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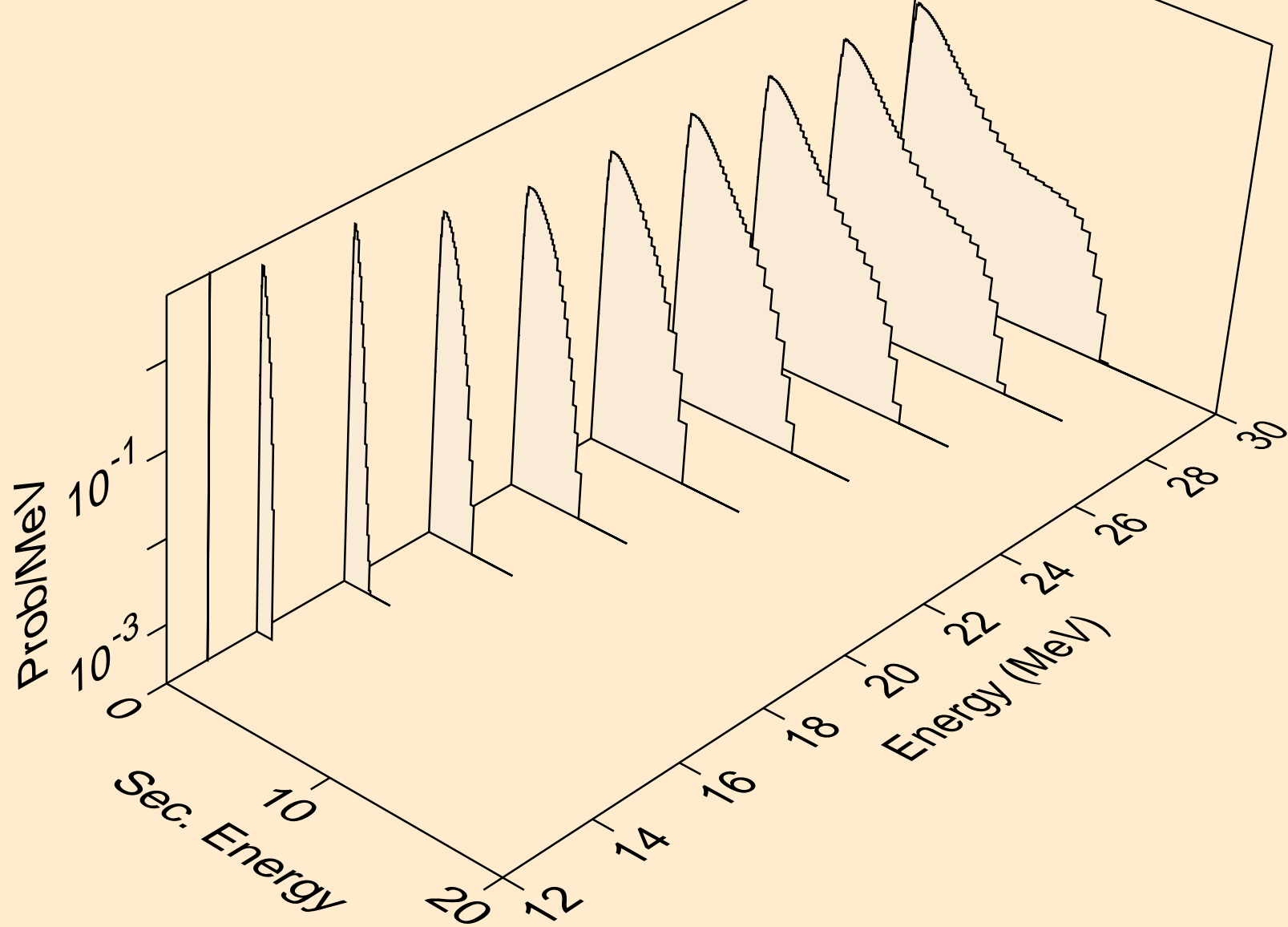




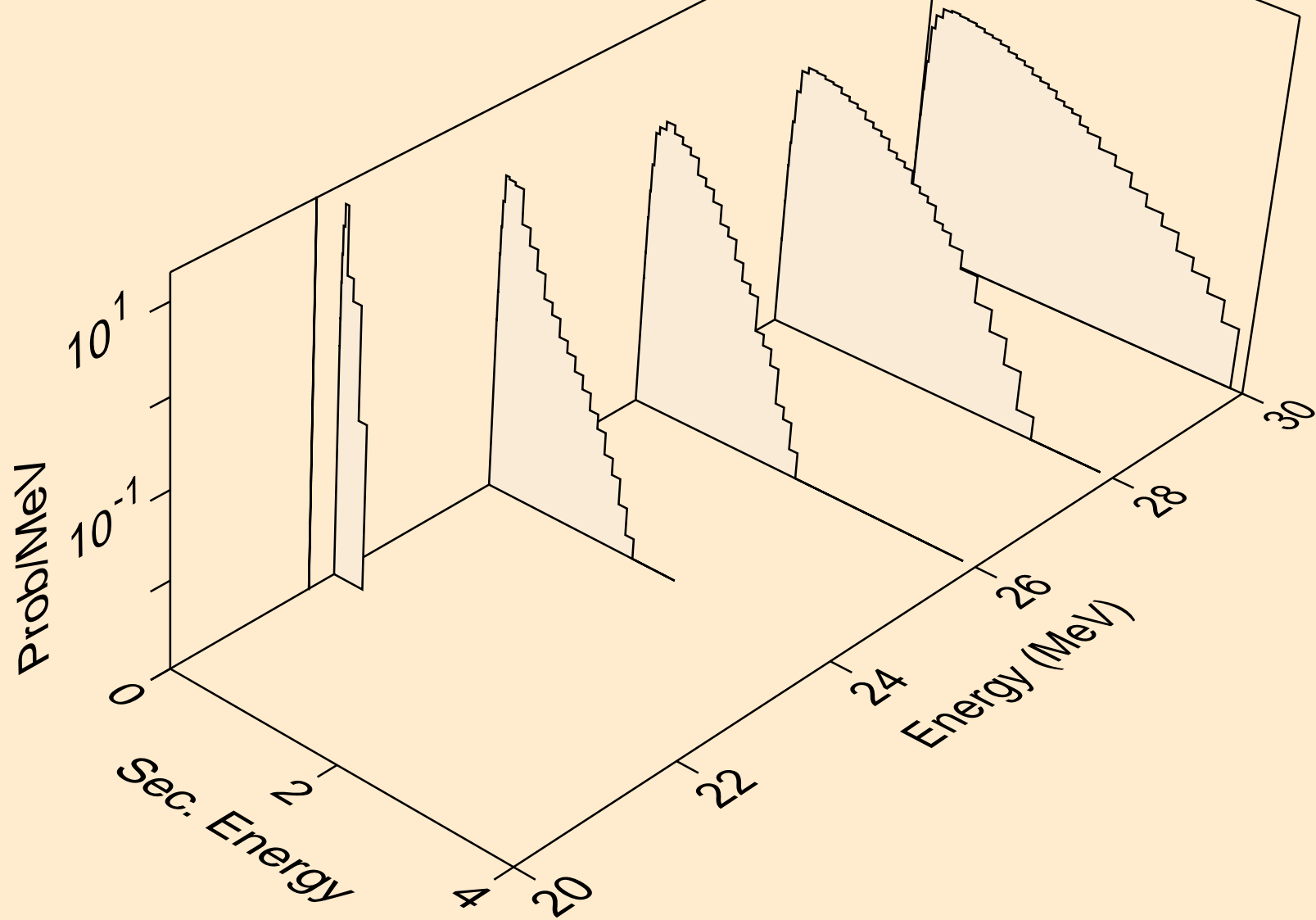
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neutrons from (d,4n)



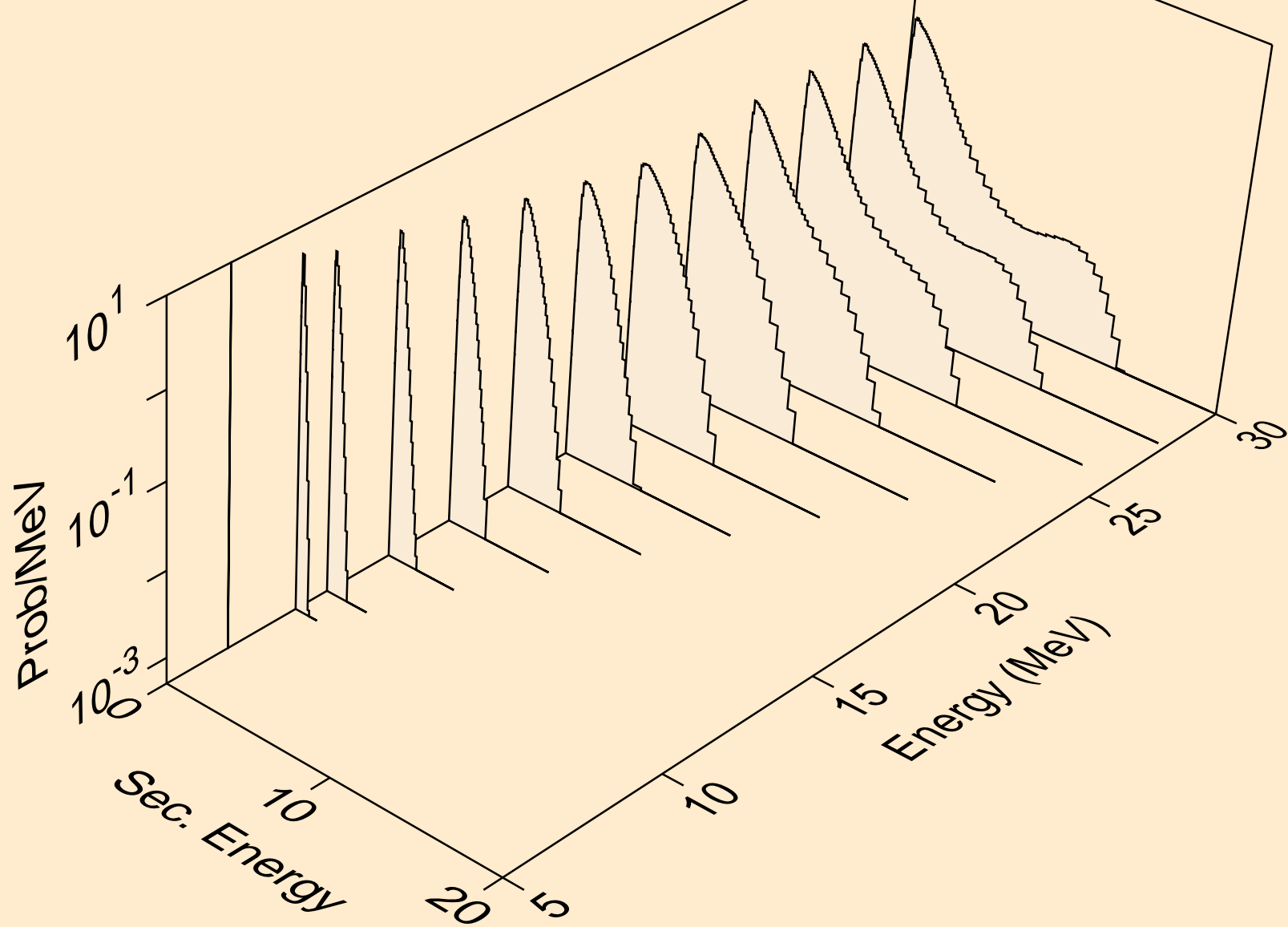
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2np)



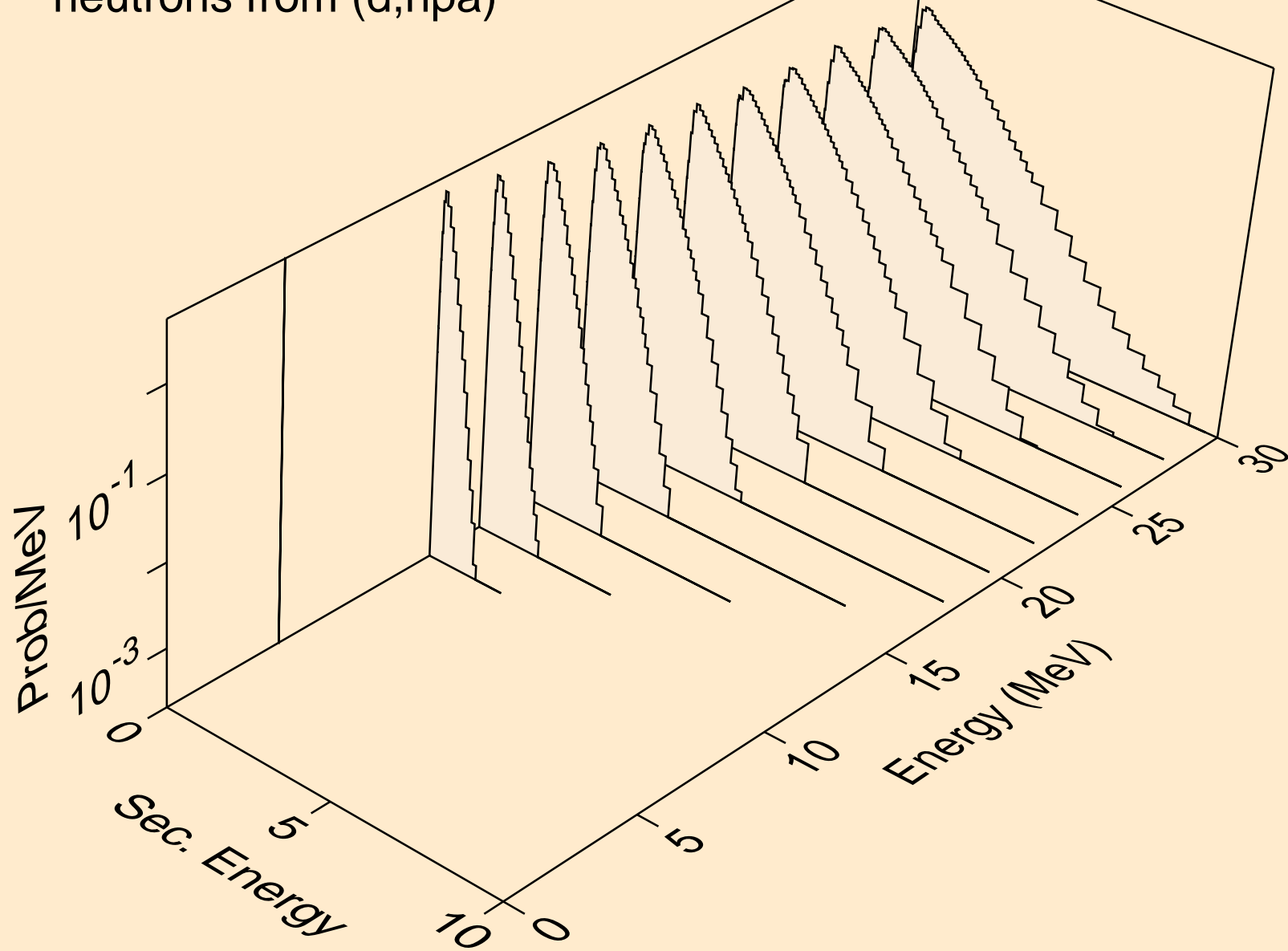
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3np)



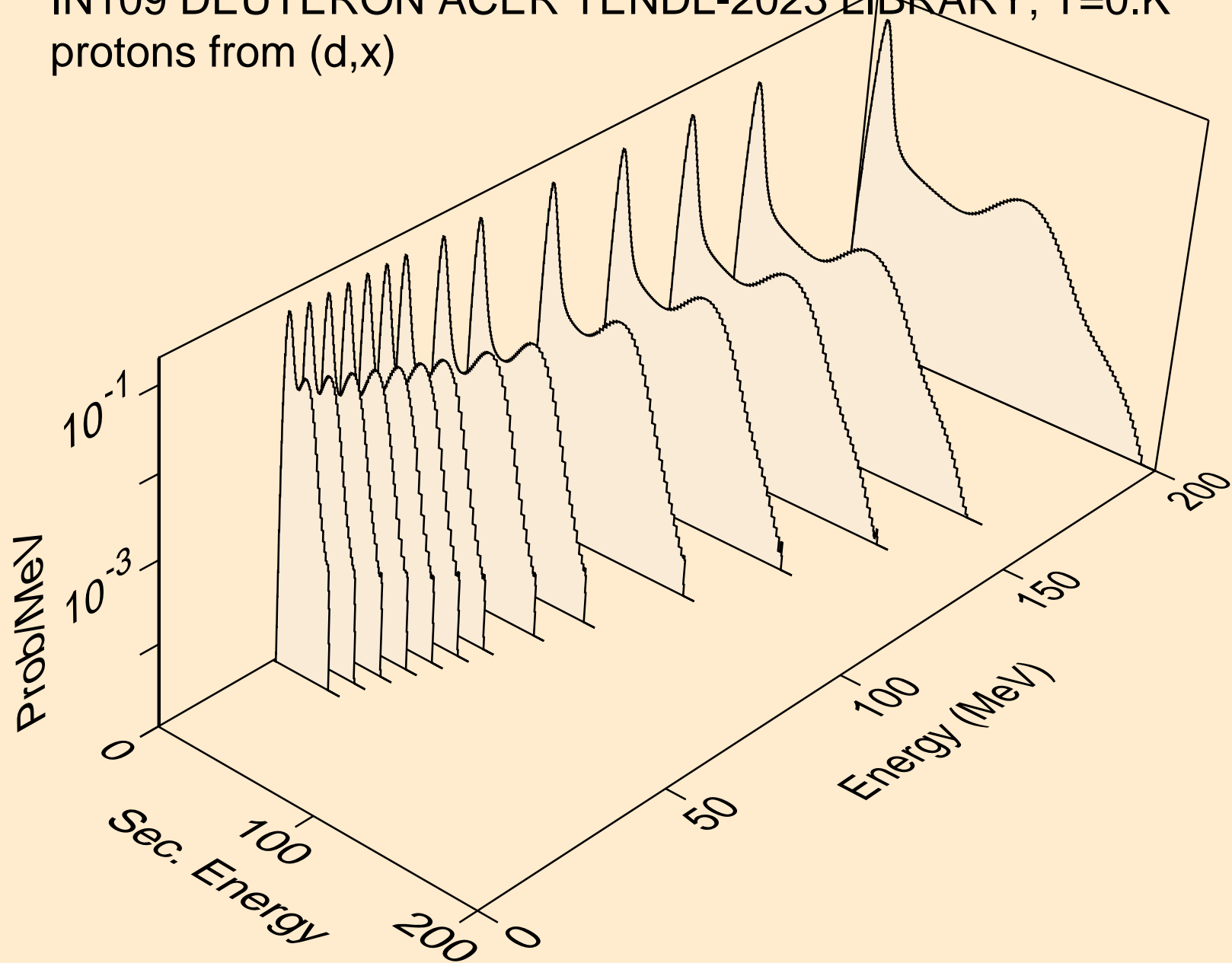
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n2p)



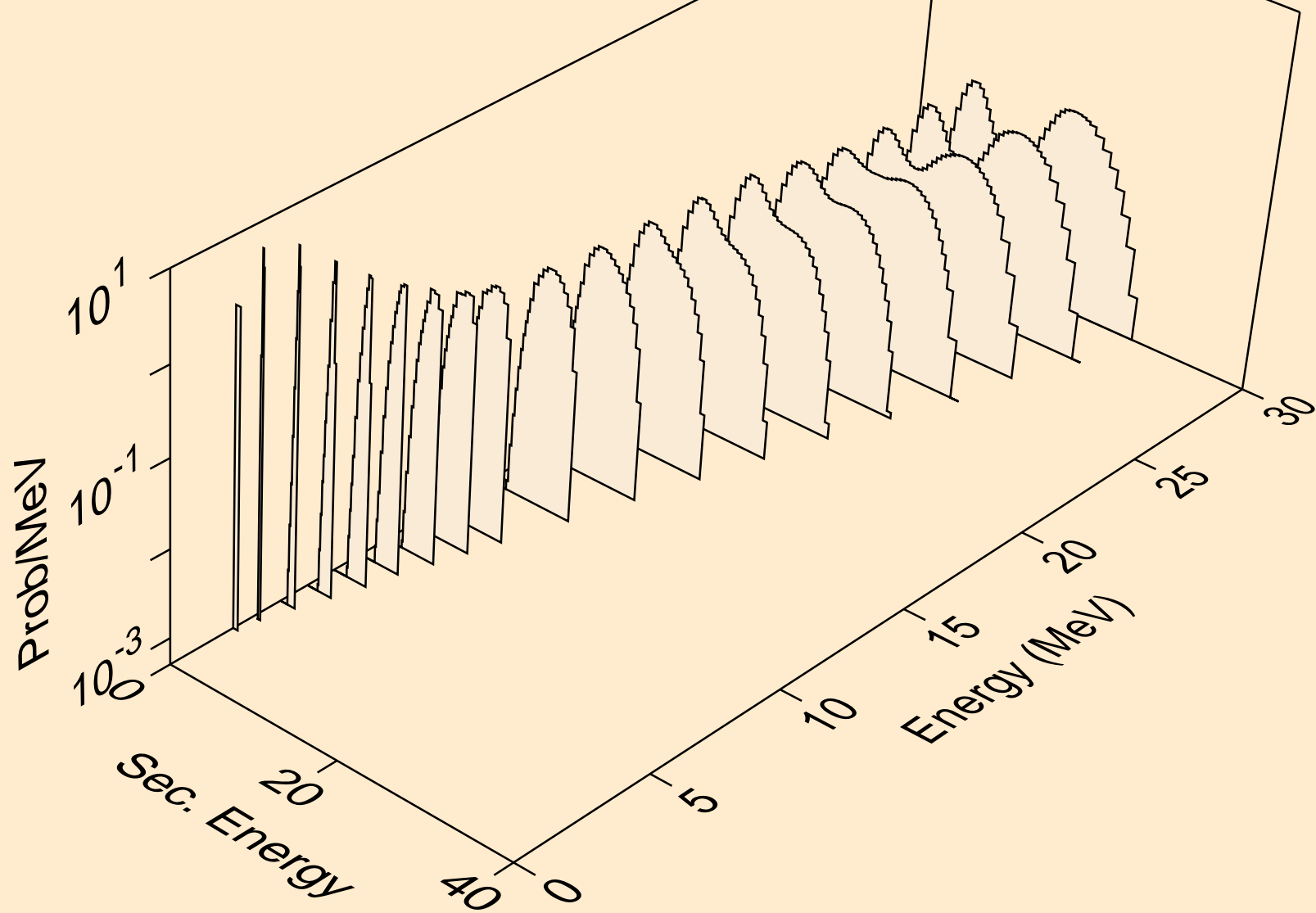
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,npa)



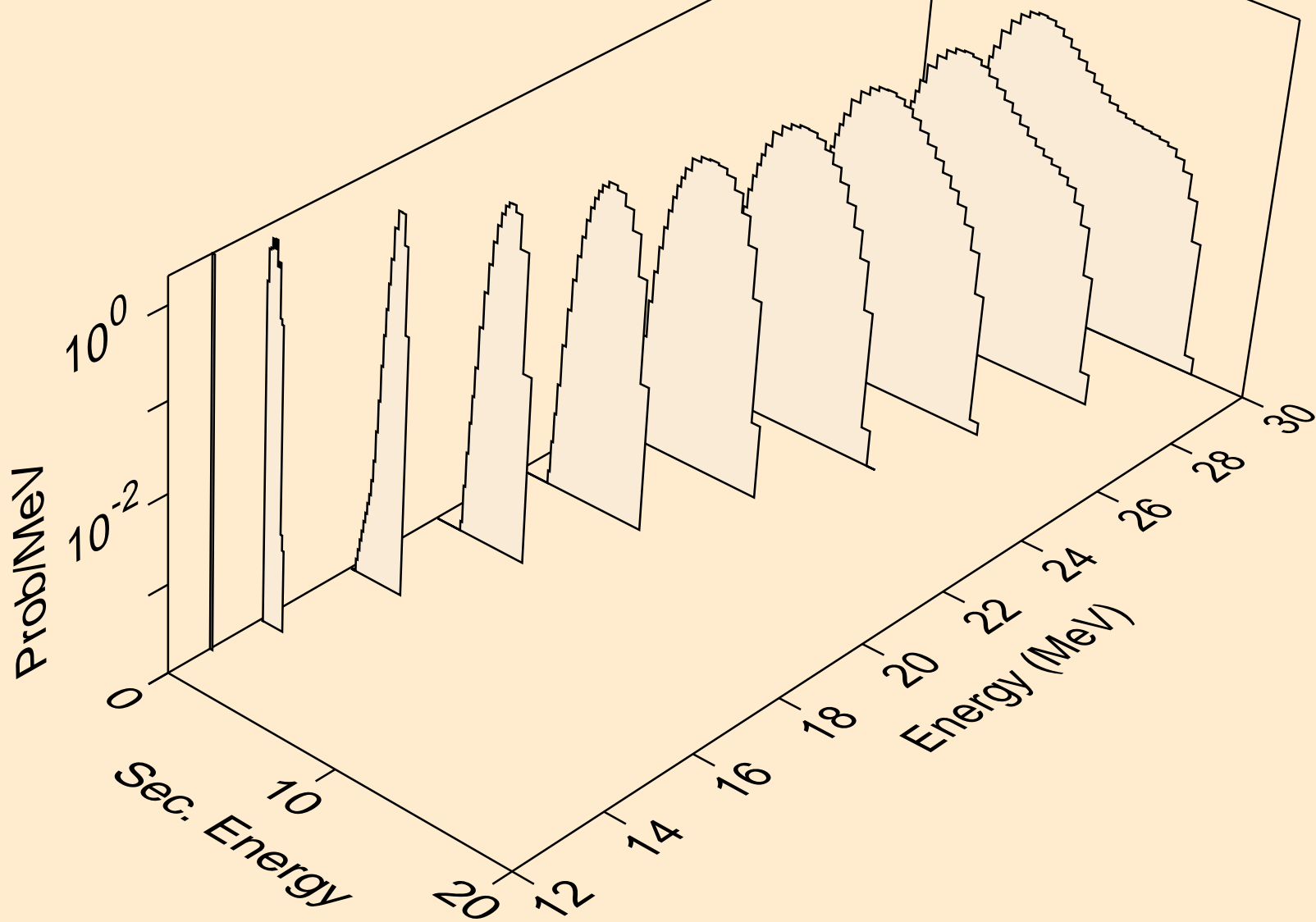
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,x)



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n\*)p

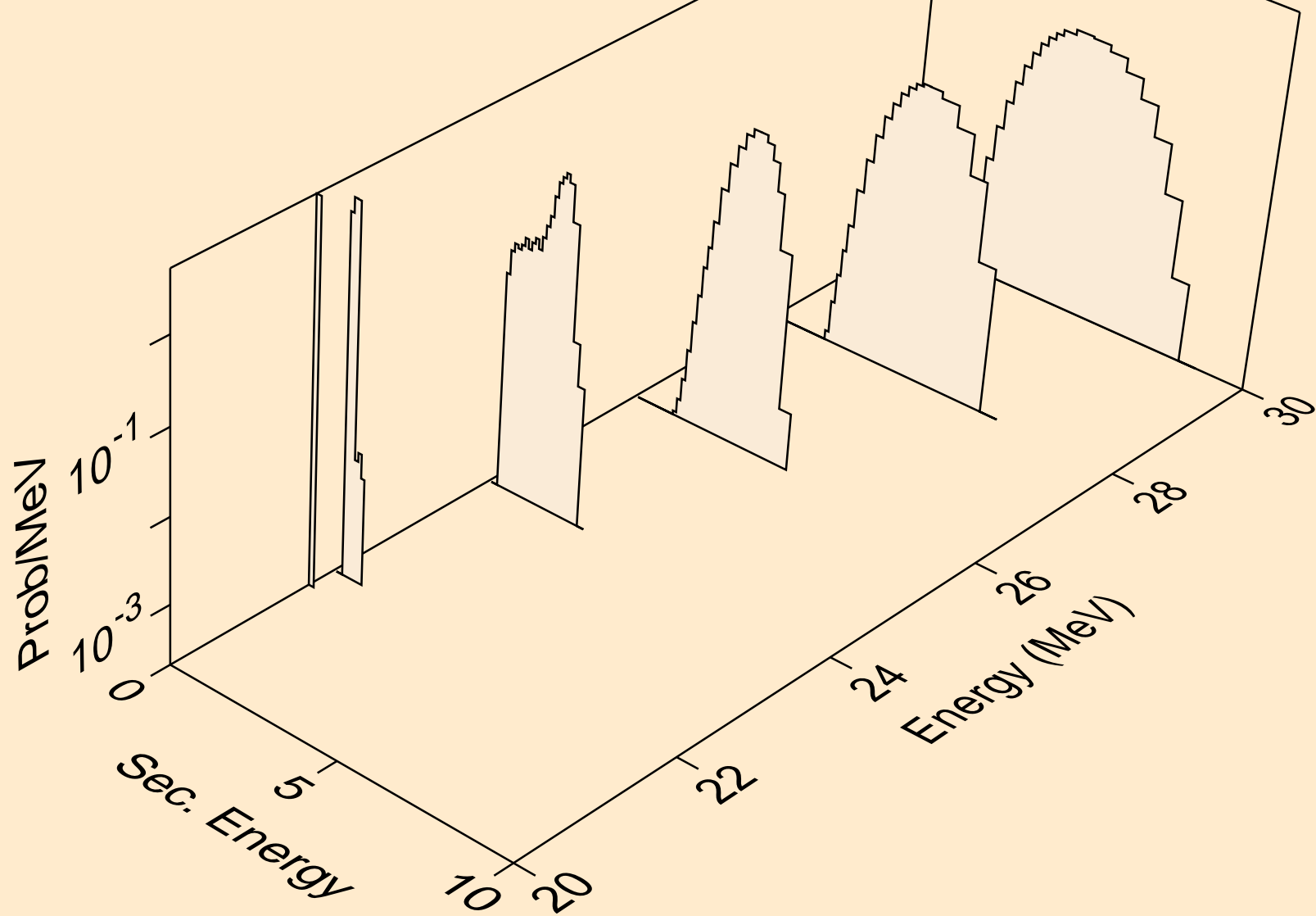


IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,2np)

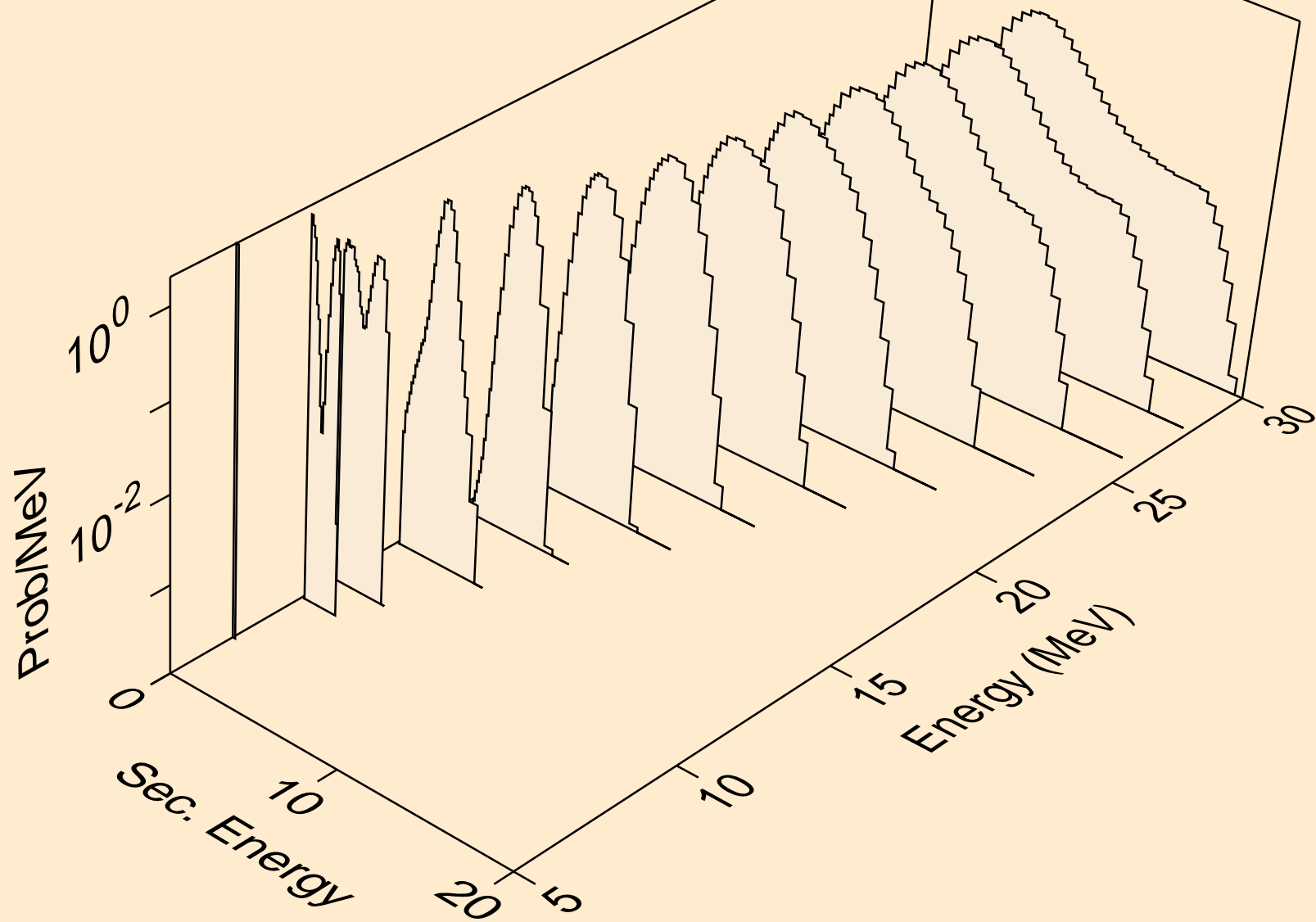




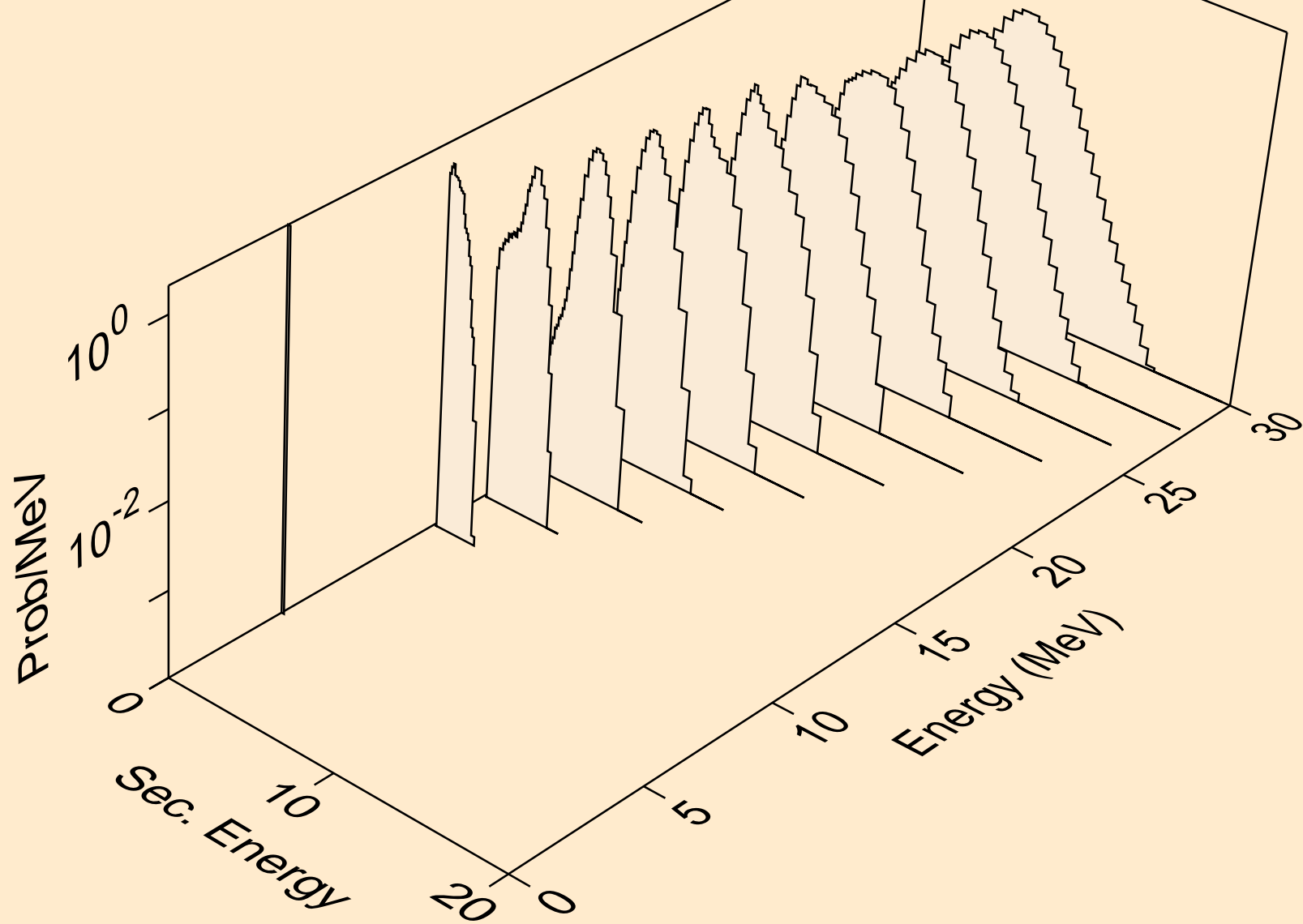
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protons from (d,3np)



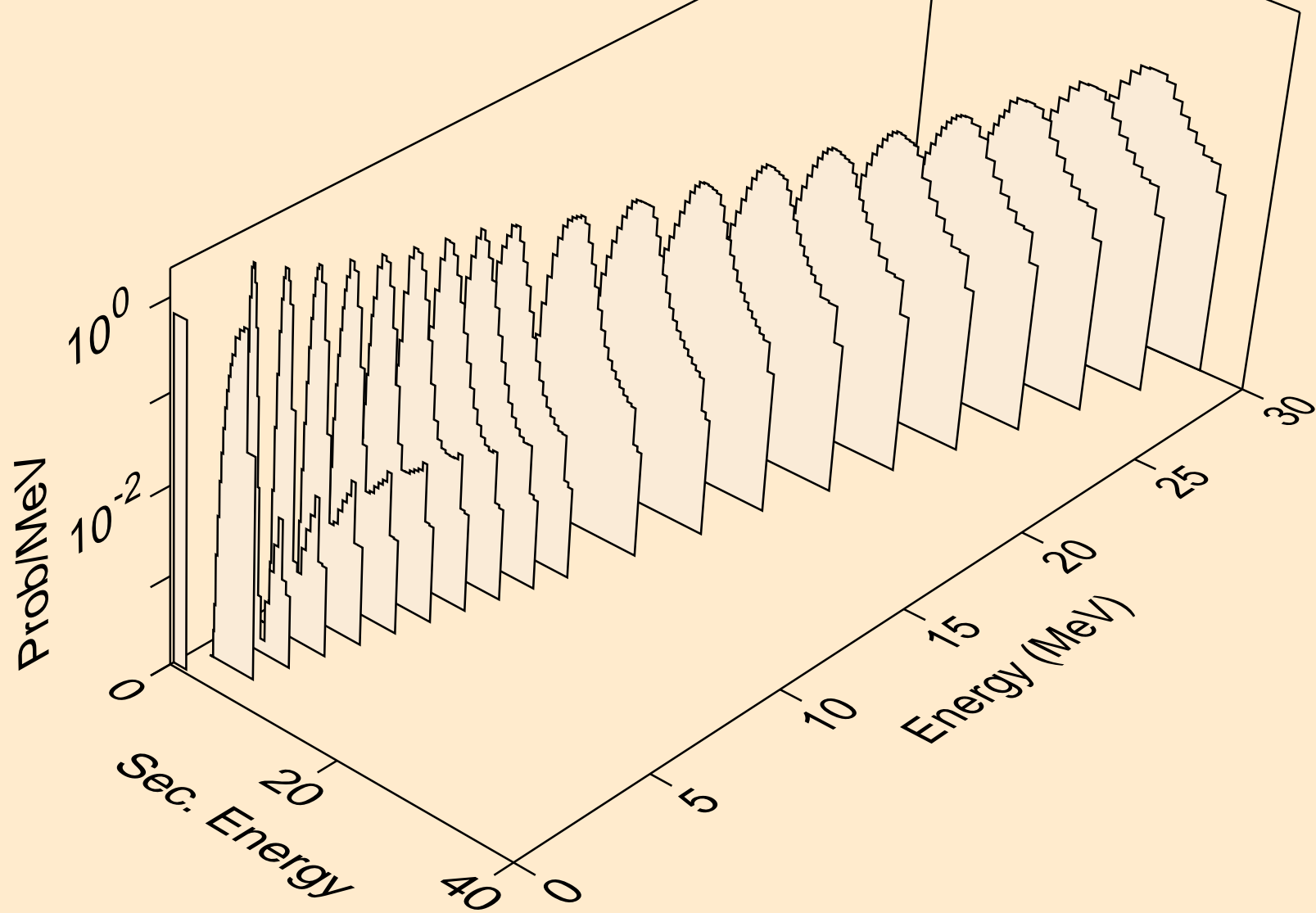
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protons from (d,n2p)



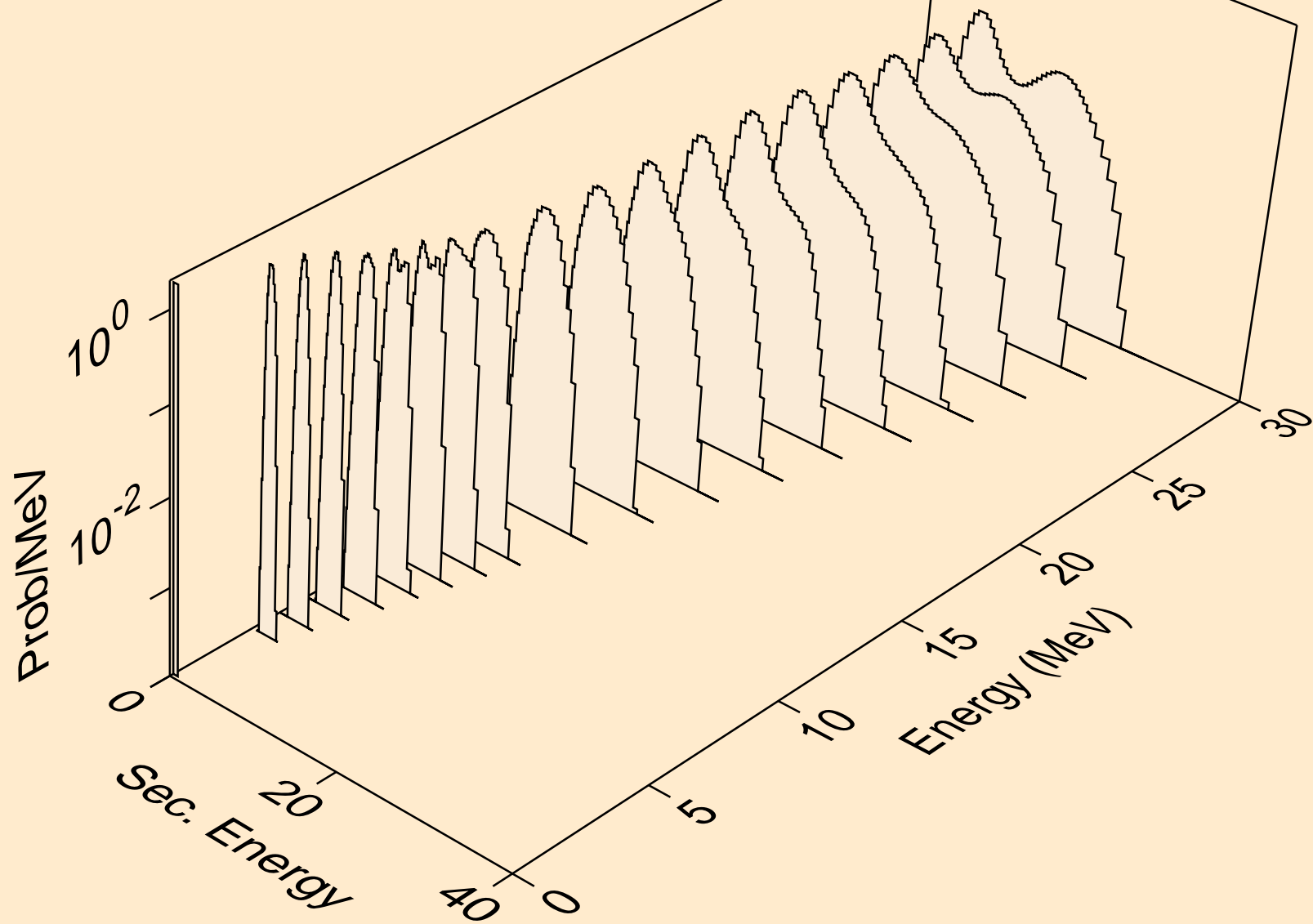
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protons from (d,npa)



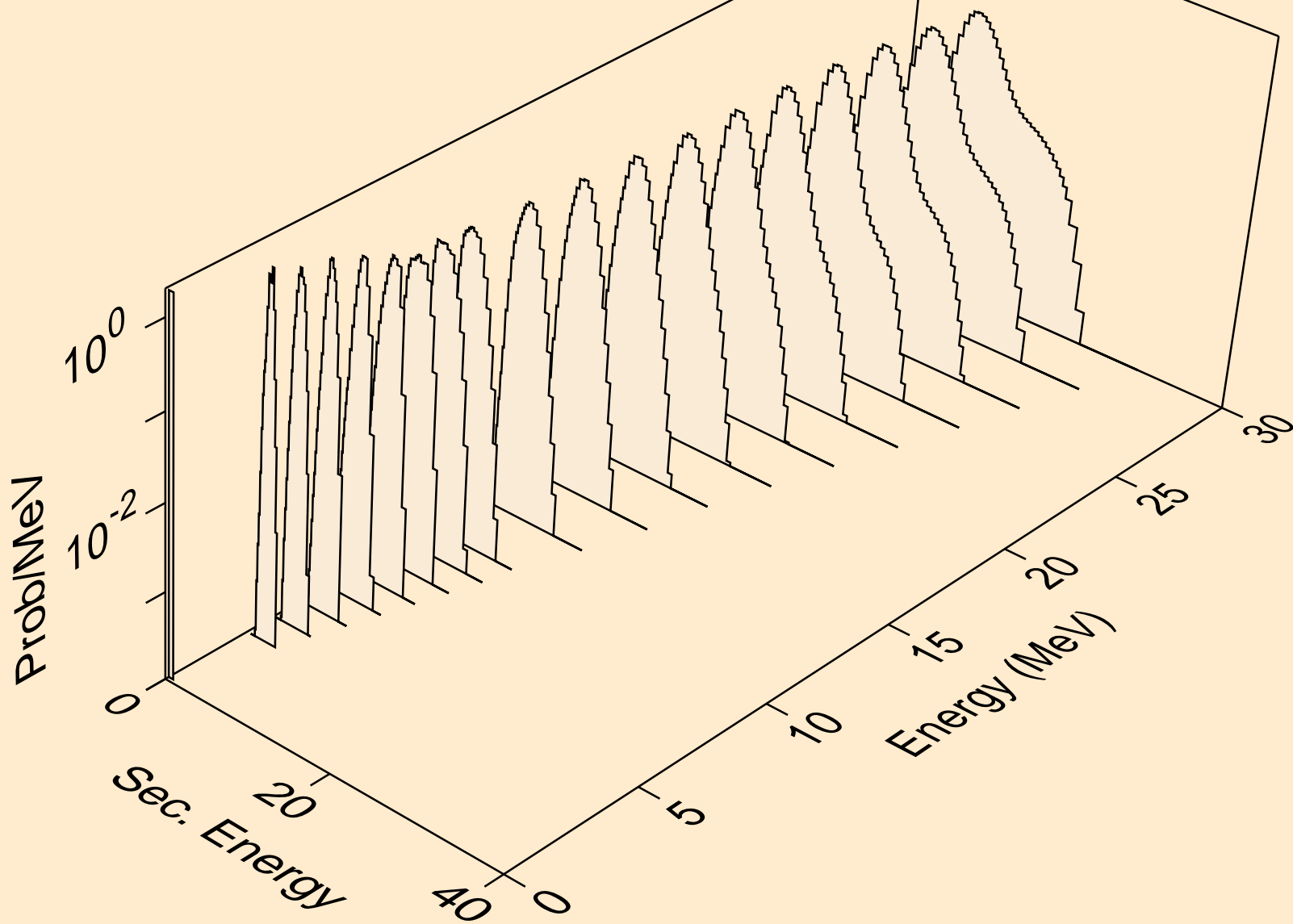
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protons from (d,p)



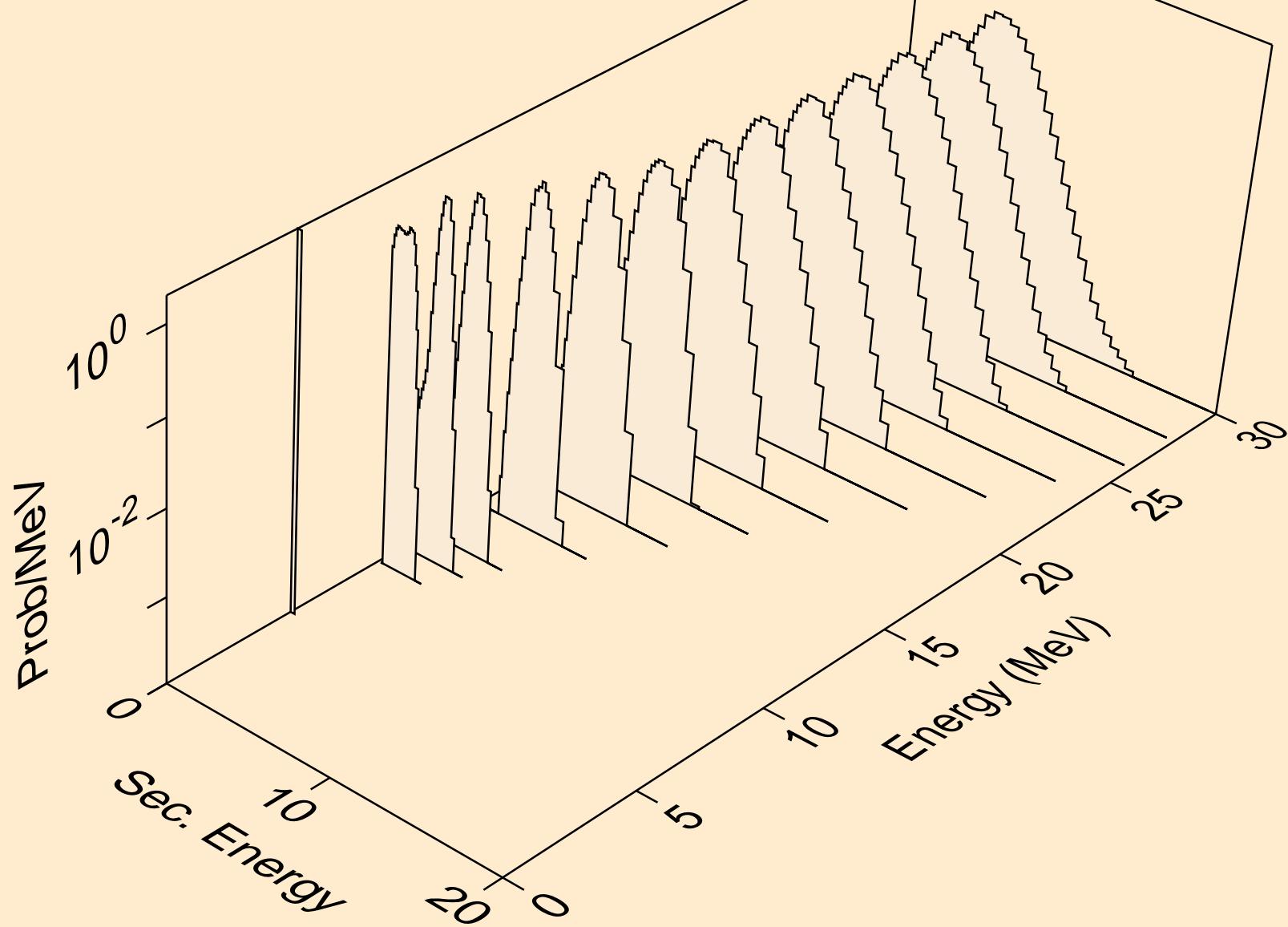
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protons from (d,2p)



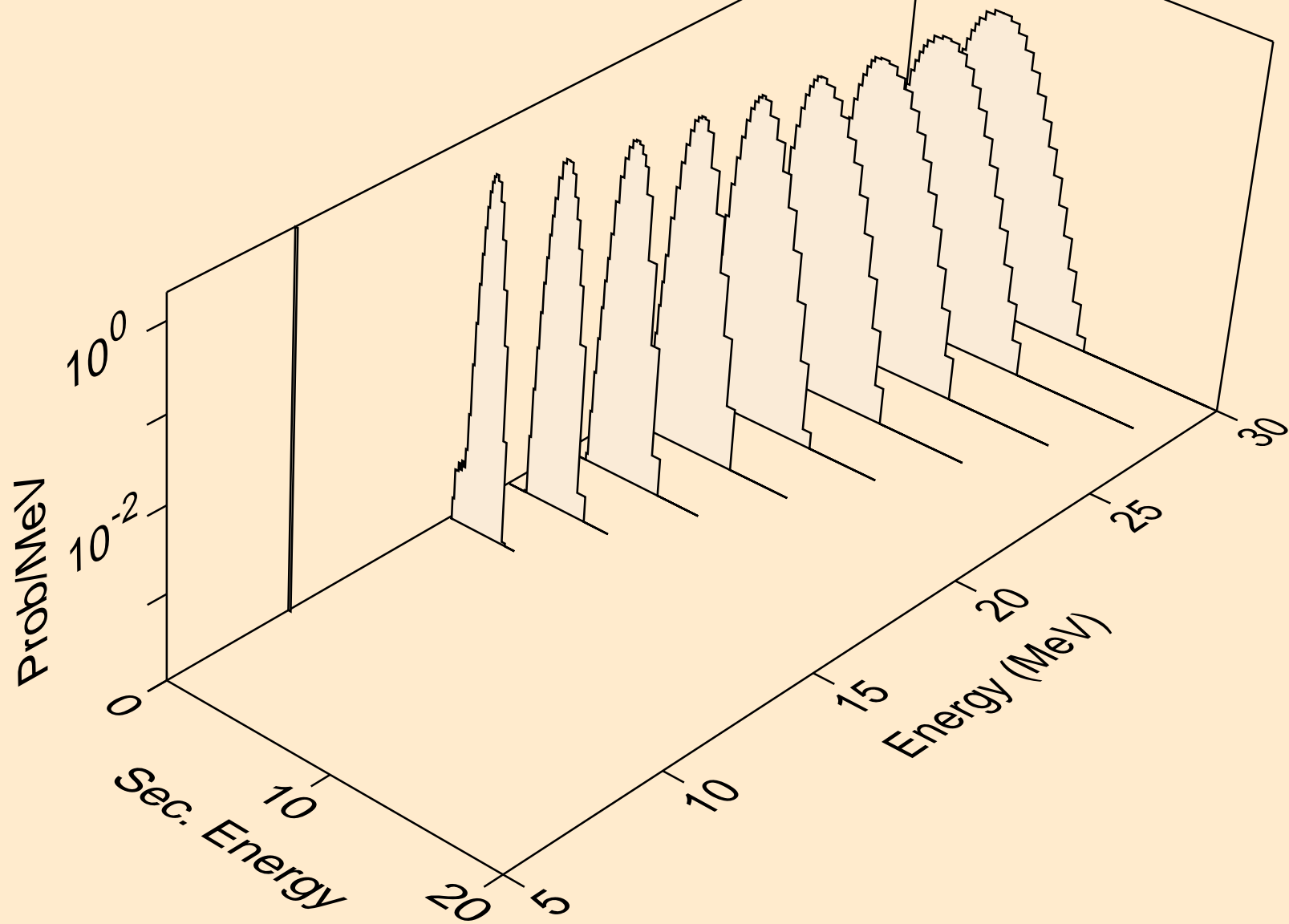
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pa)



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pd)

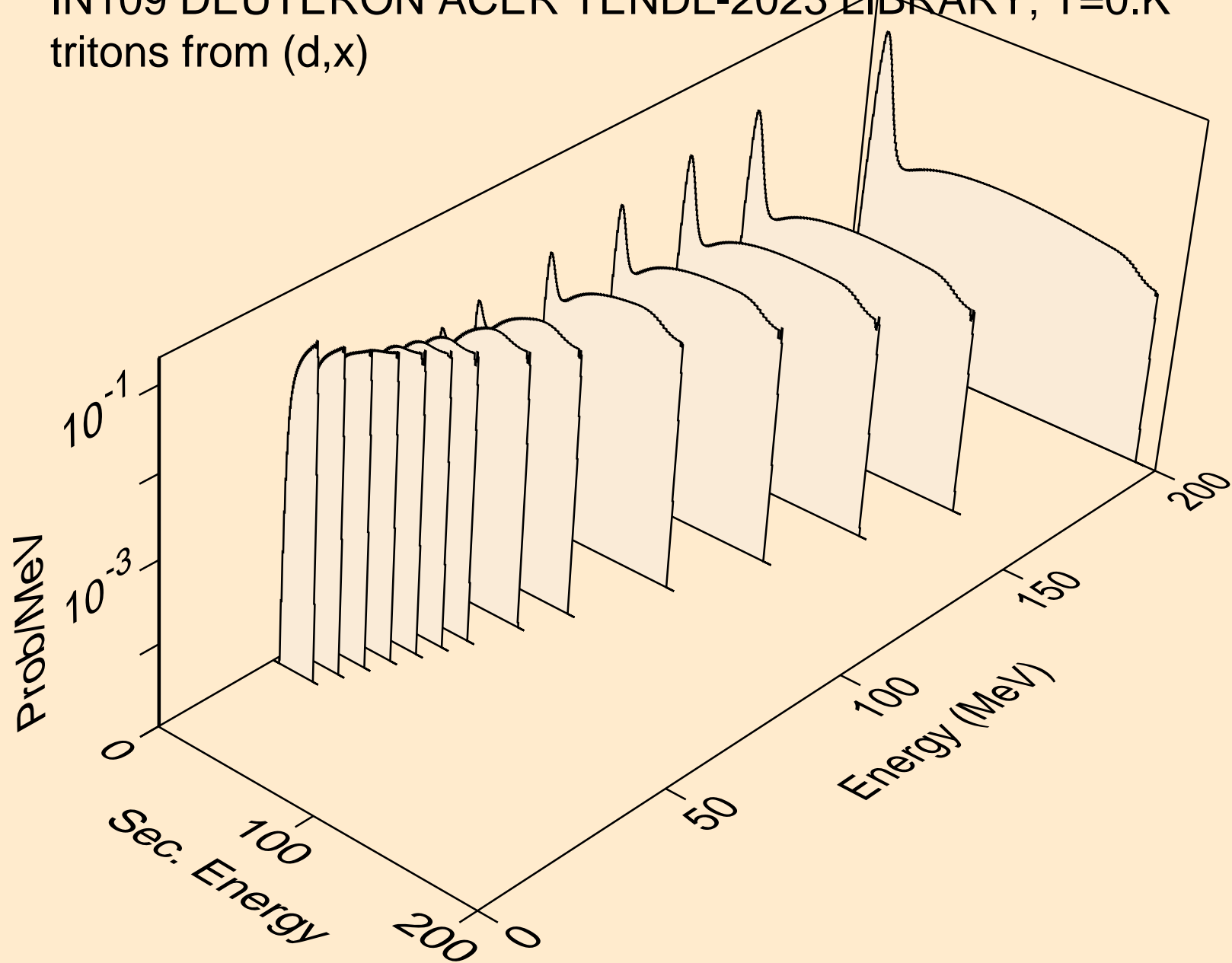


IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pt)

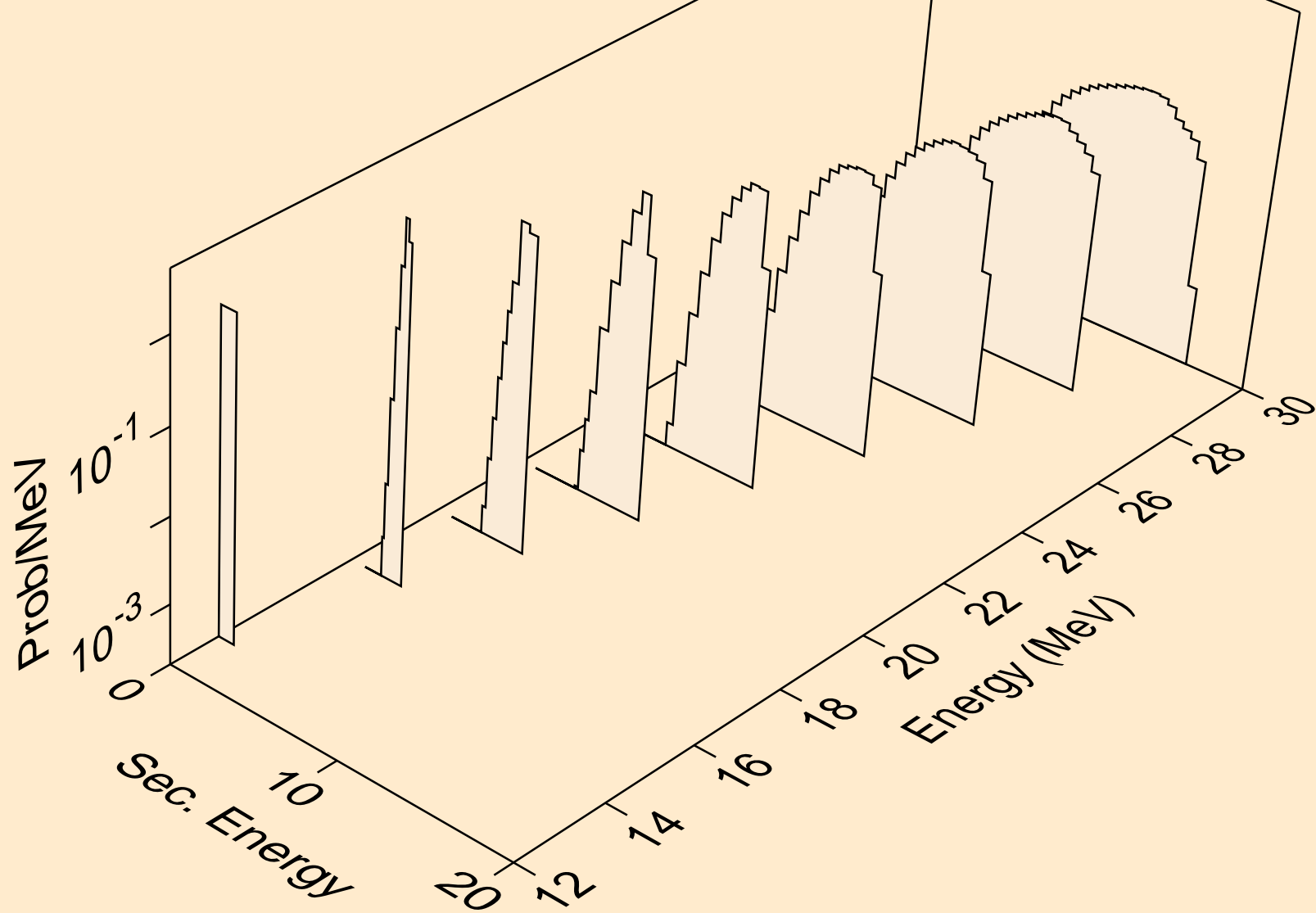




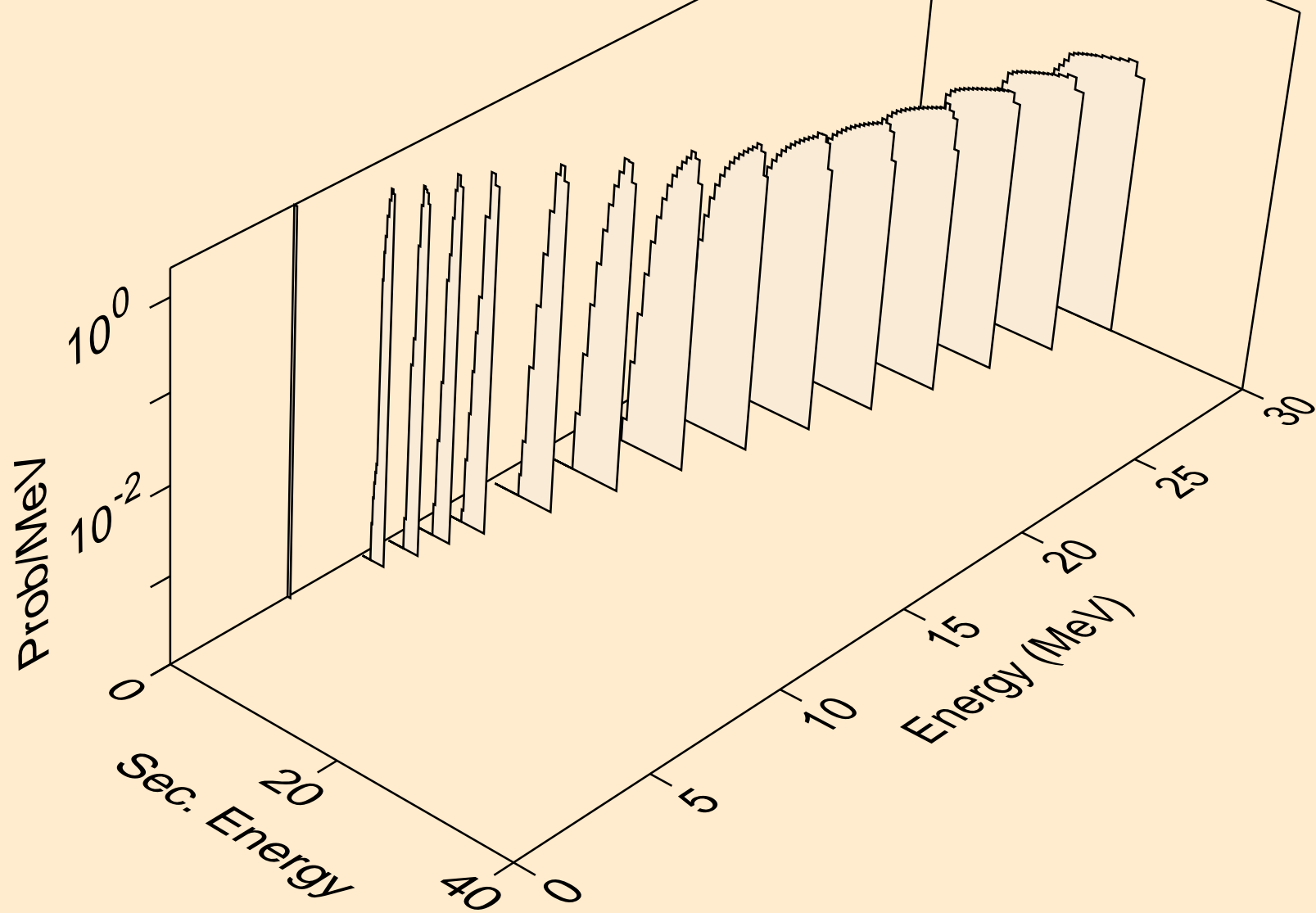
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,x)



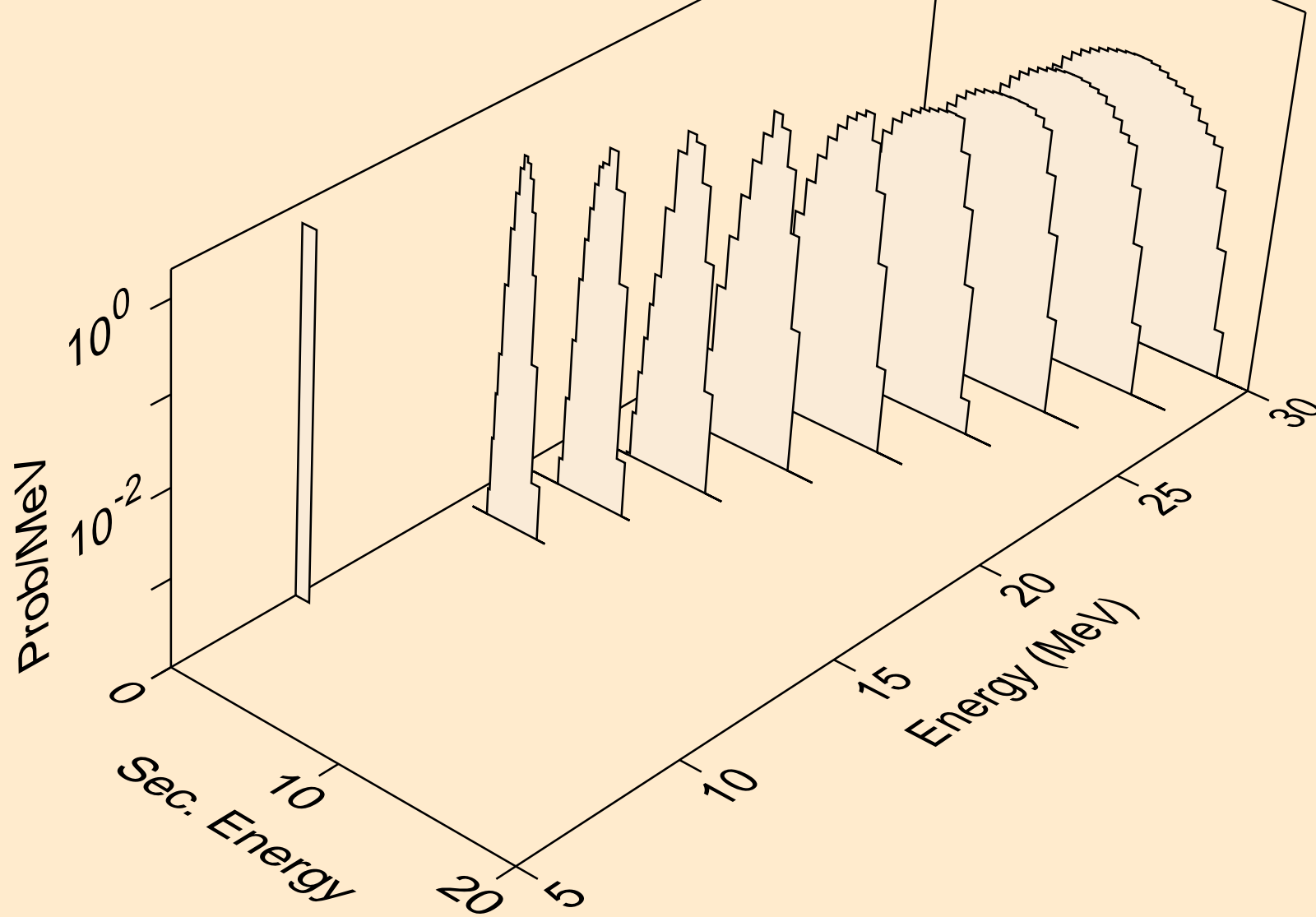
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,n\*)t



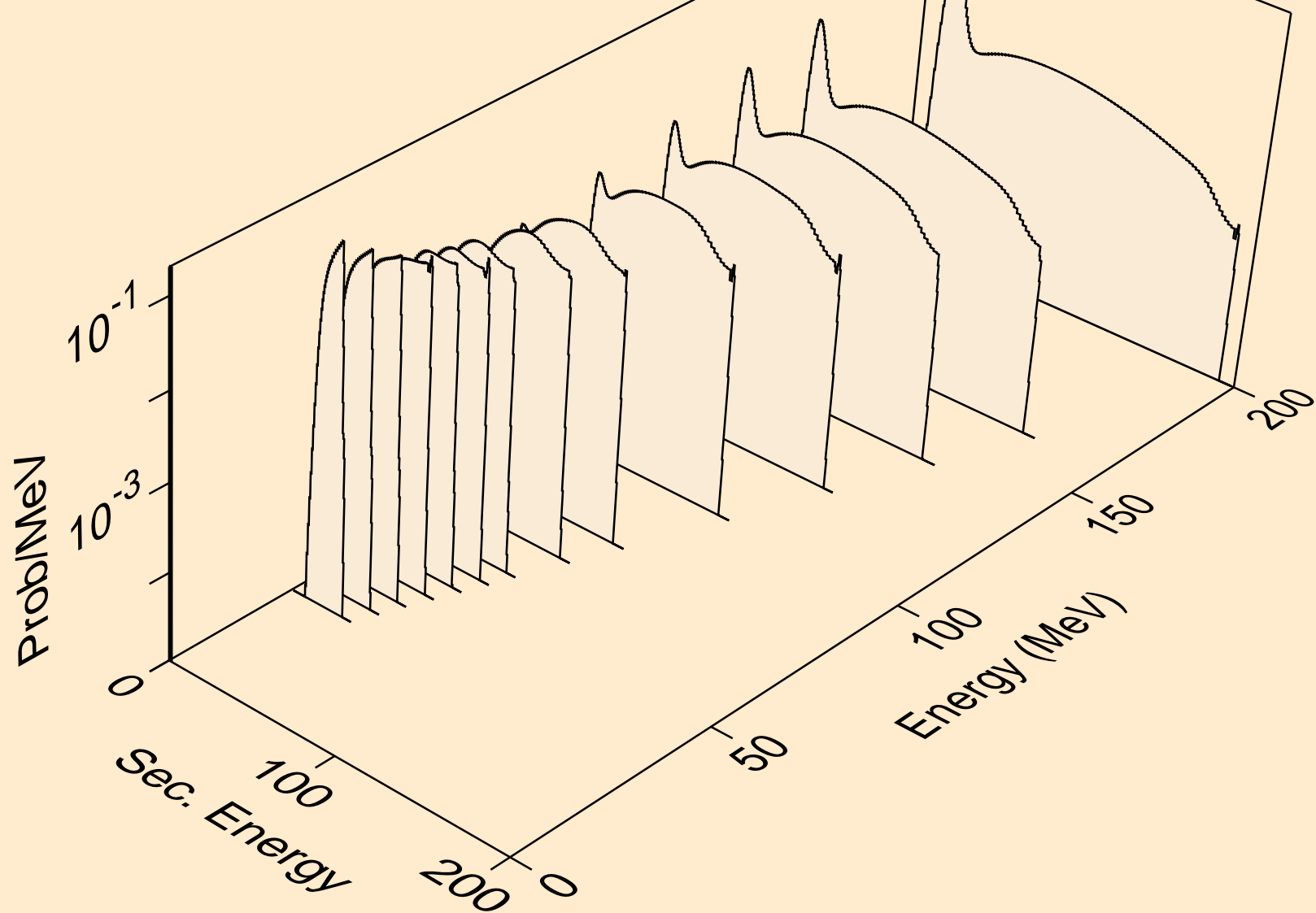
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tritons from (d,t)



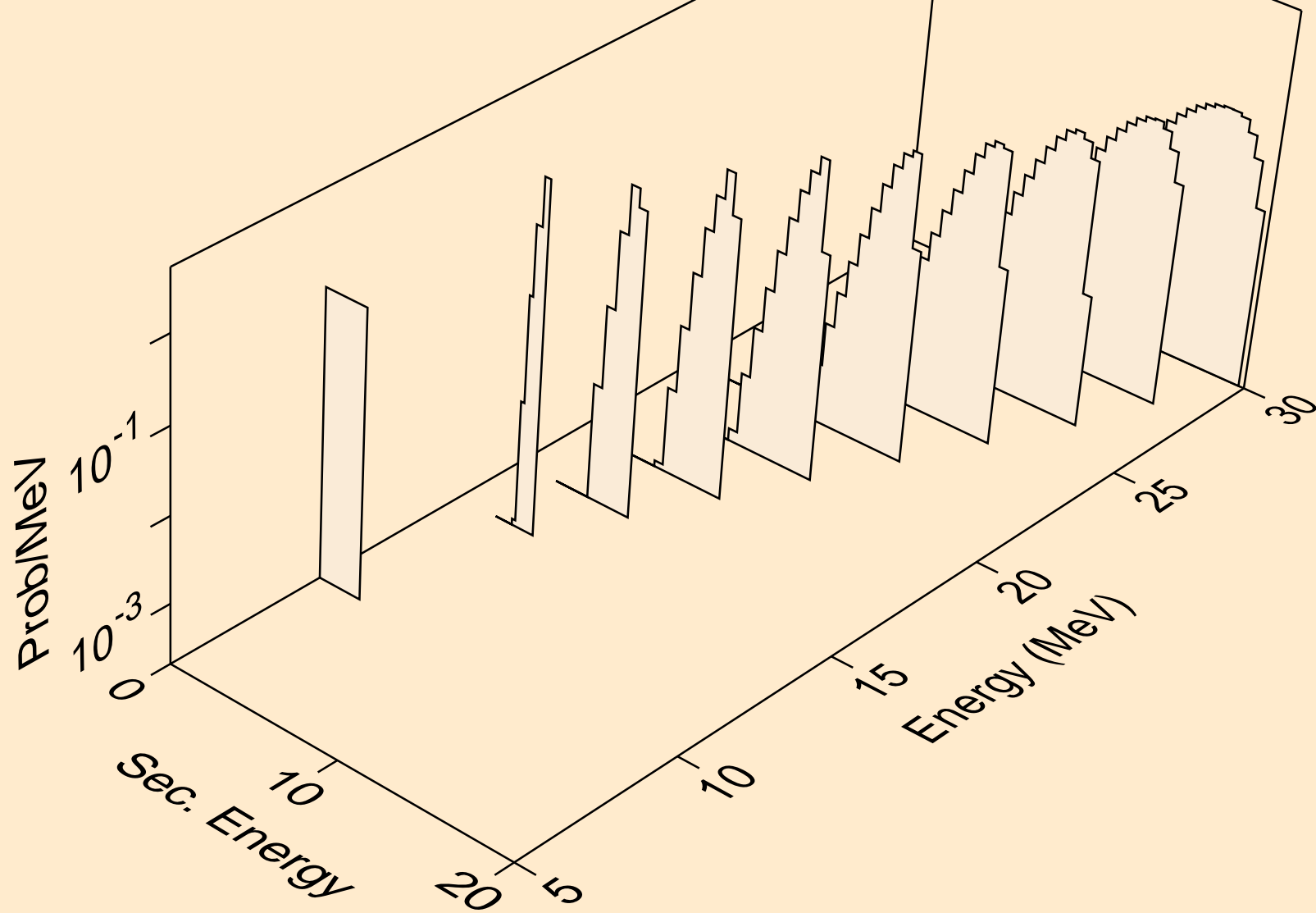
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,pt)



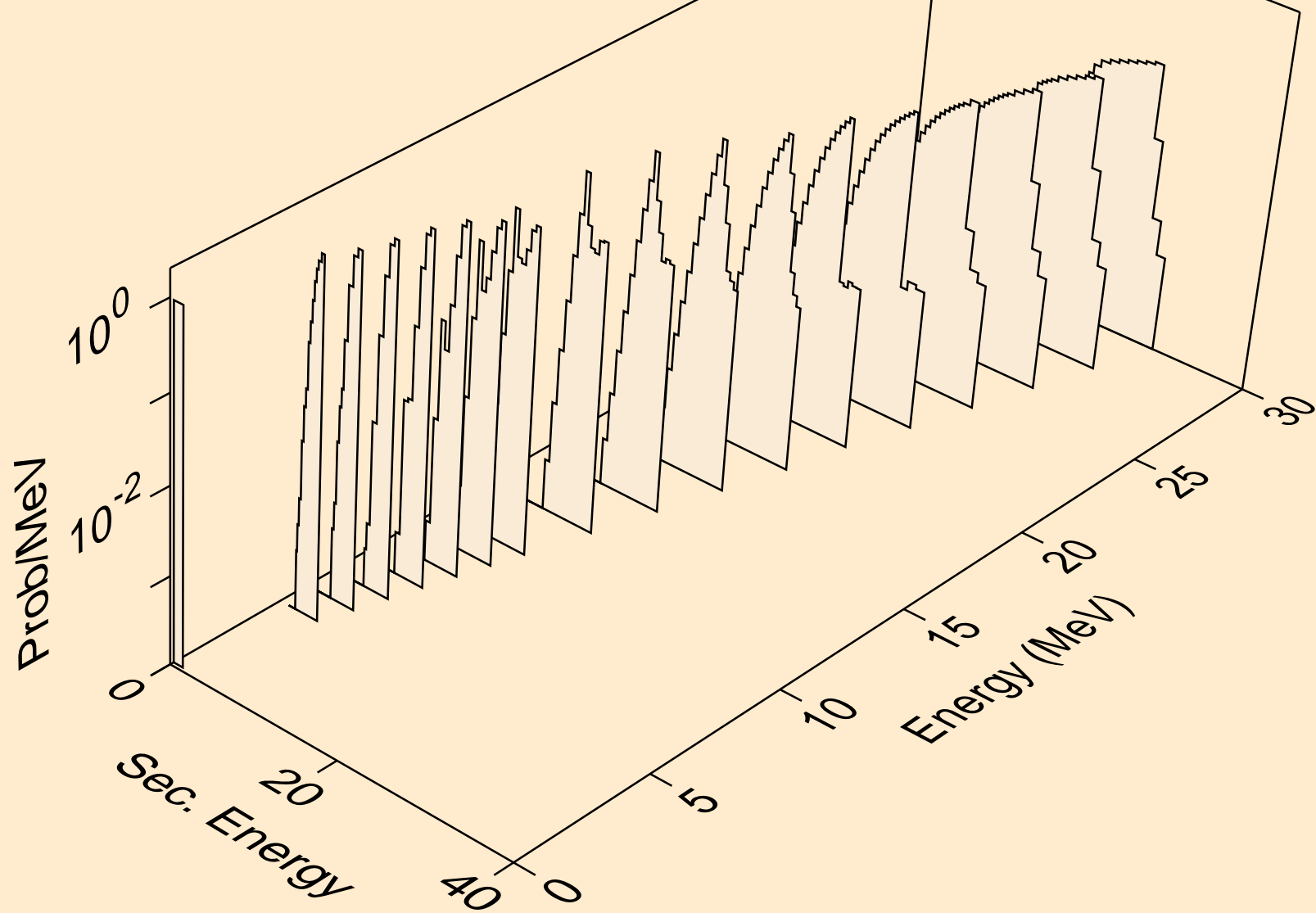
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,x)



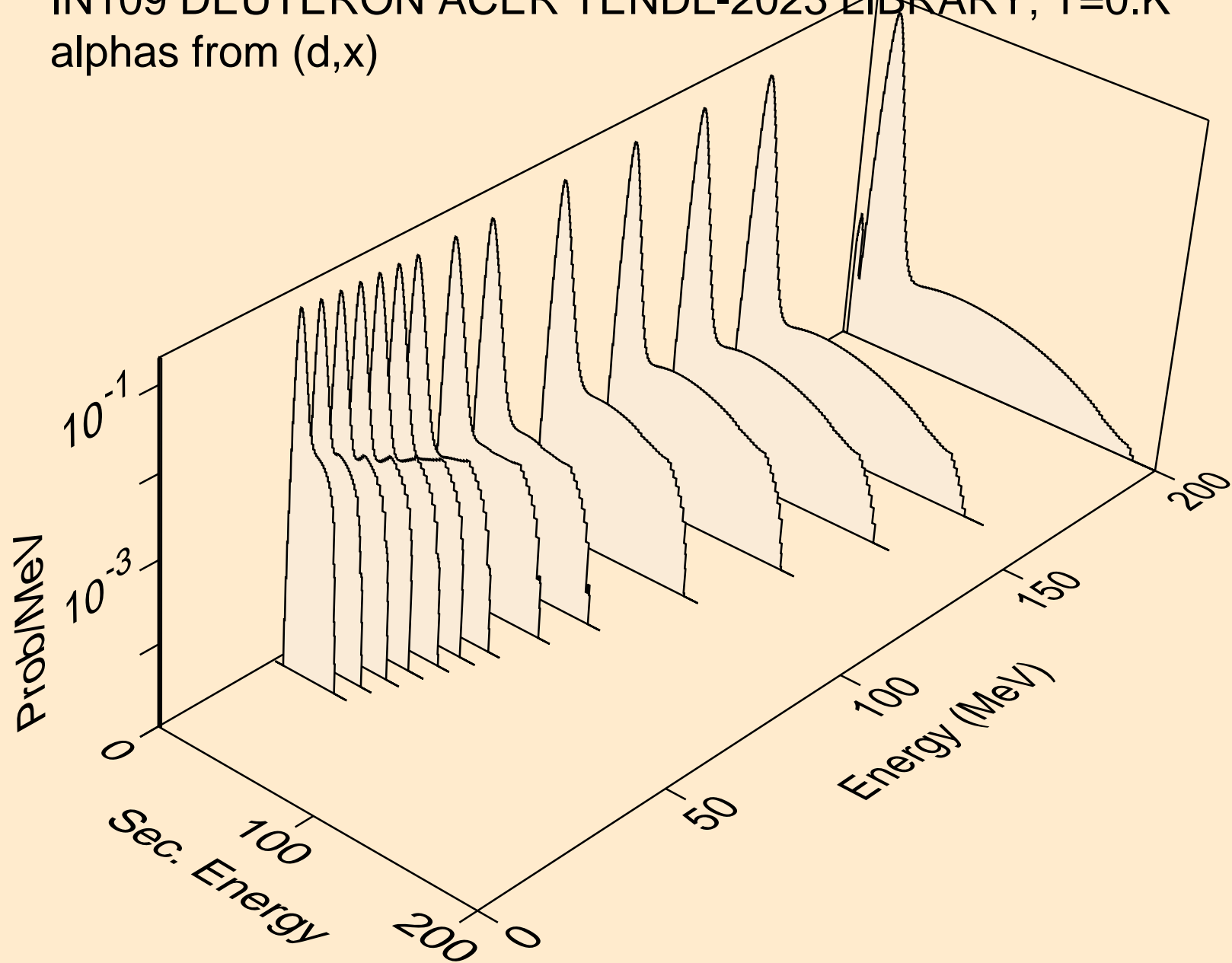
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,n\*)he3



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,he3)

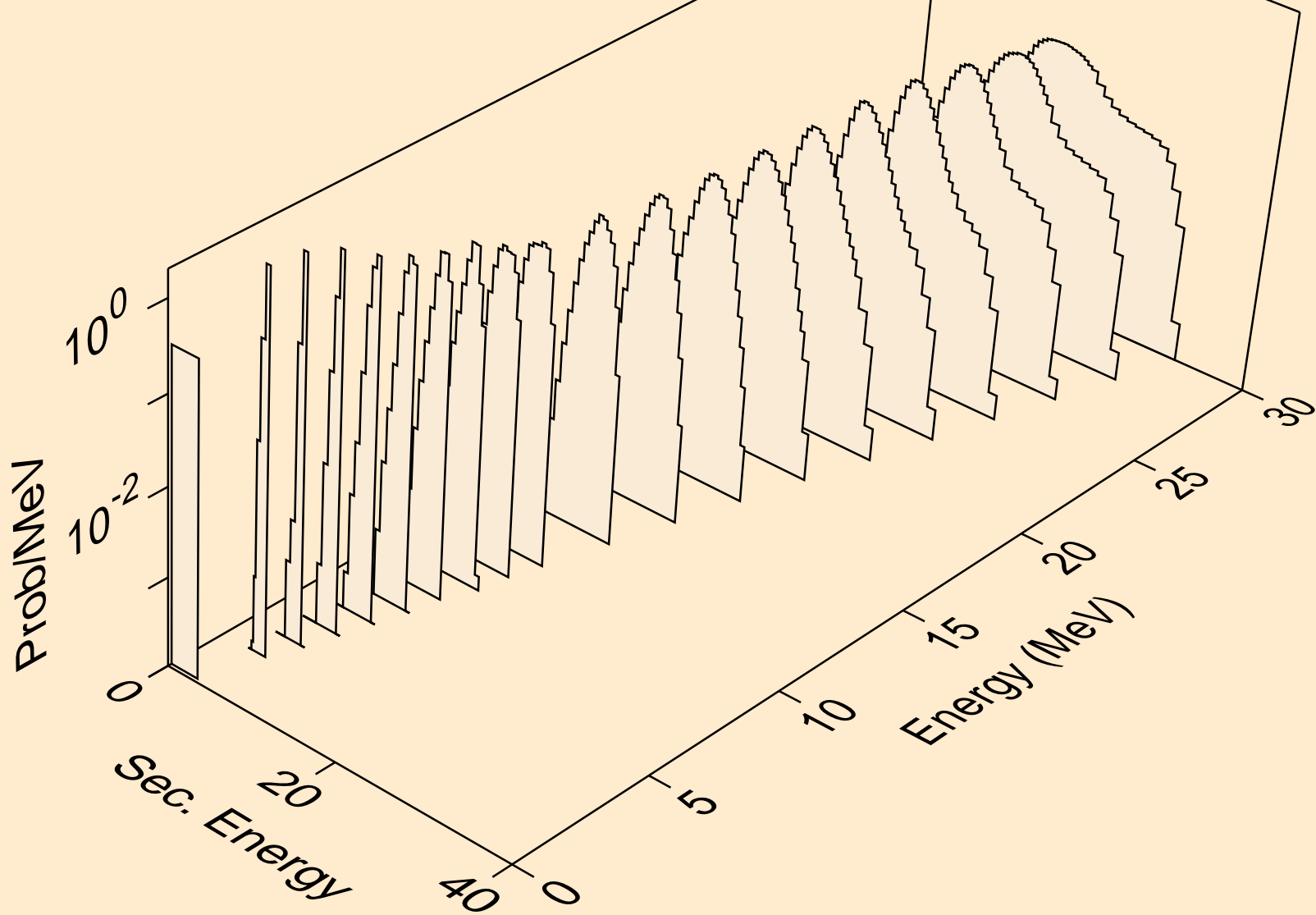


IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,x)

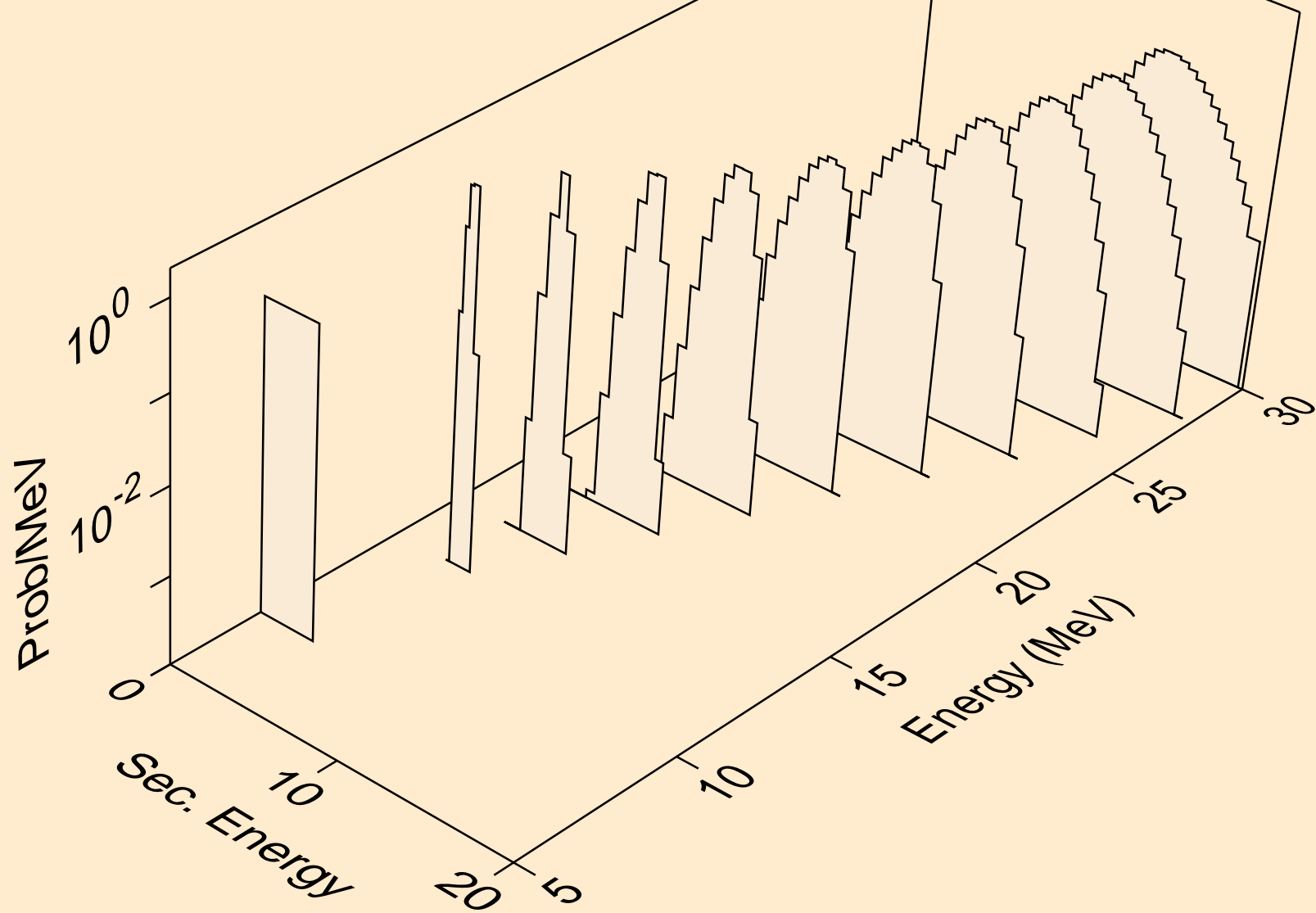




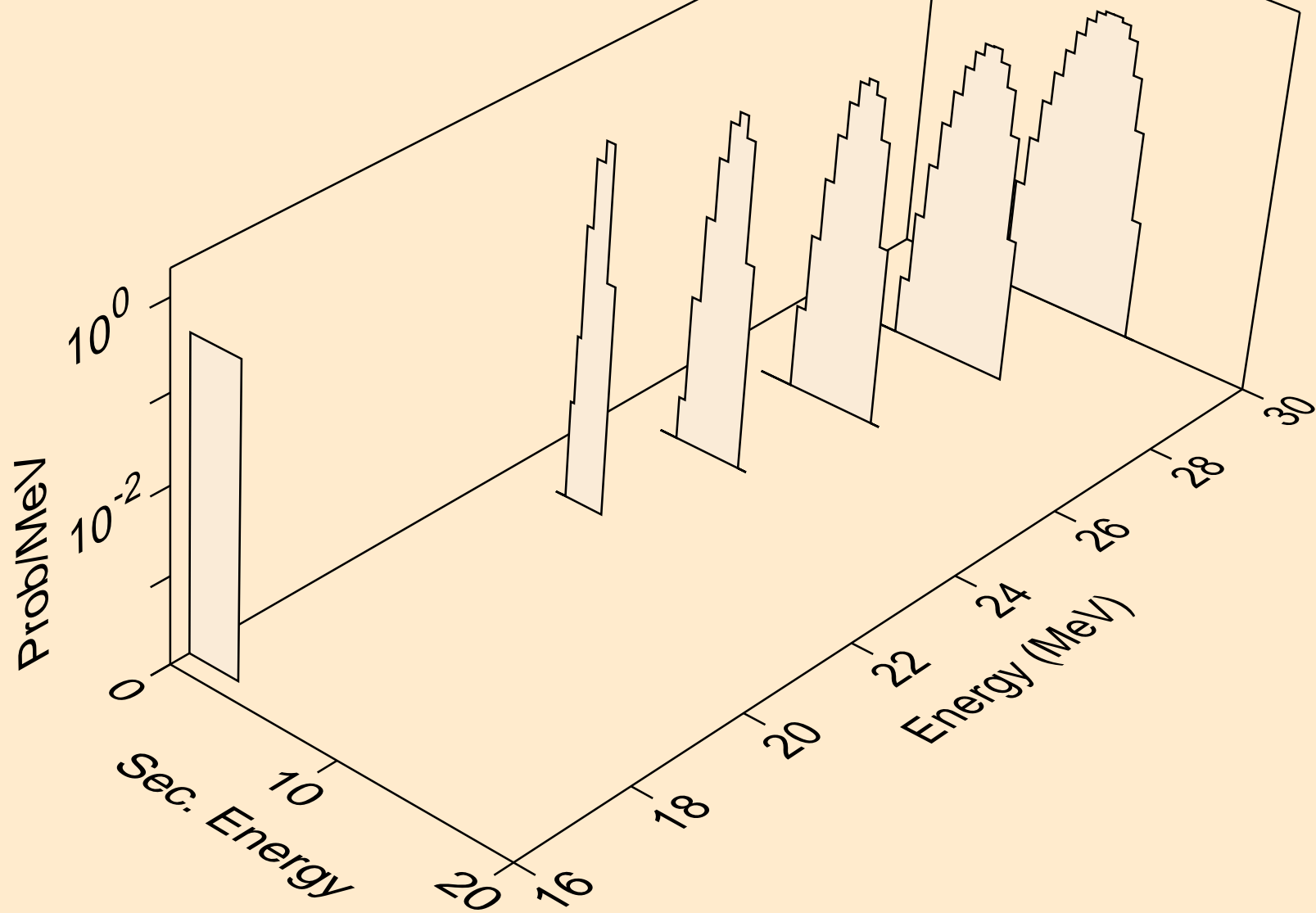
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a



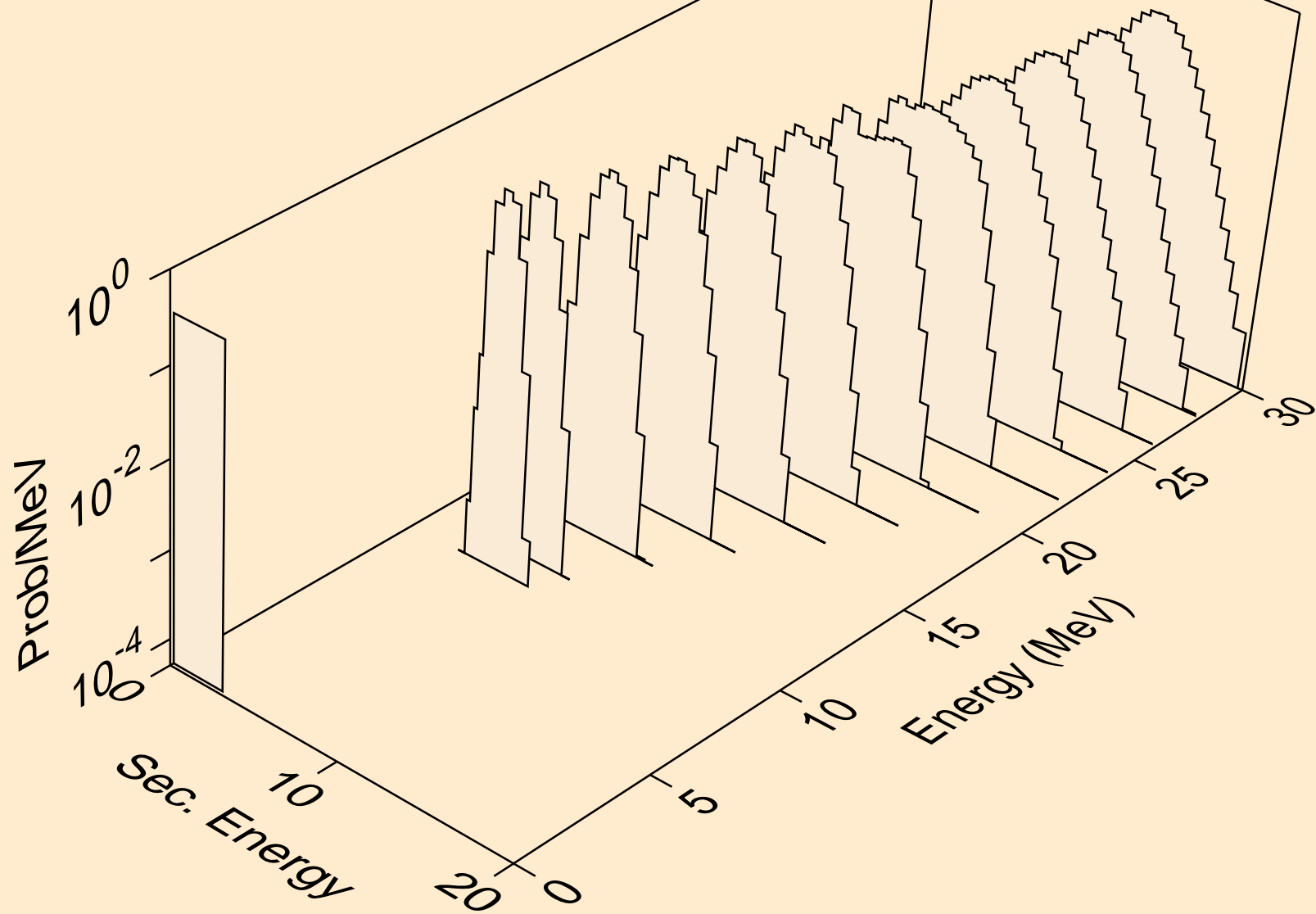
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2n)a



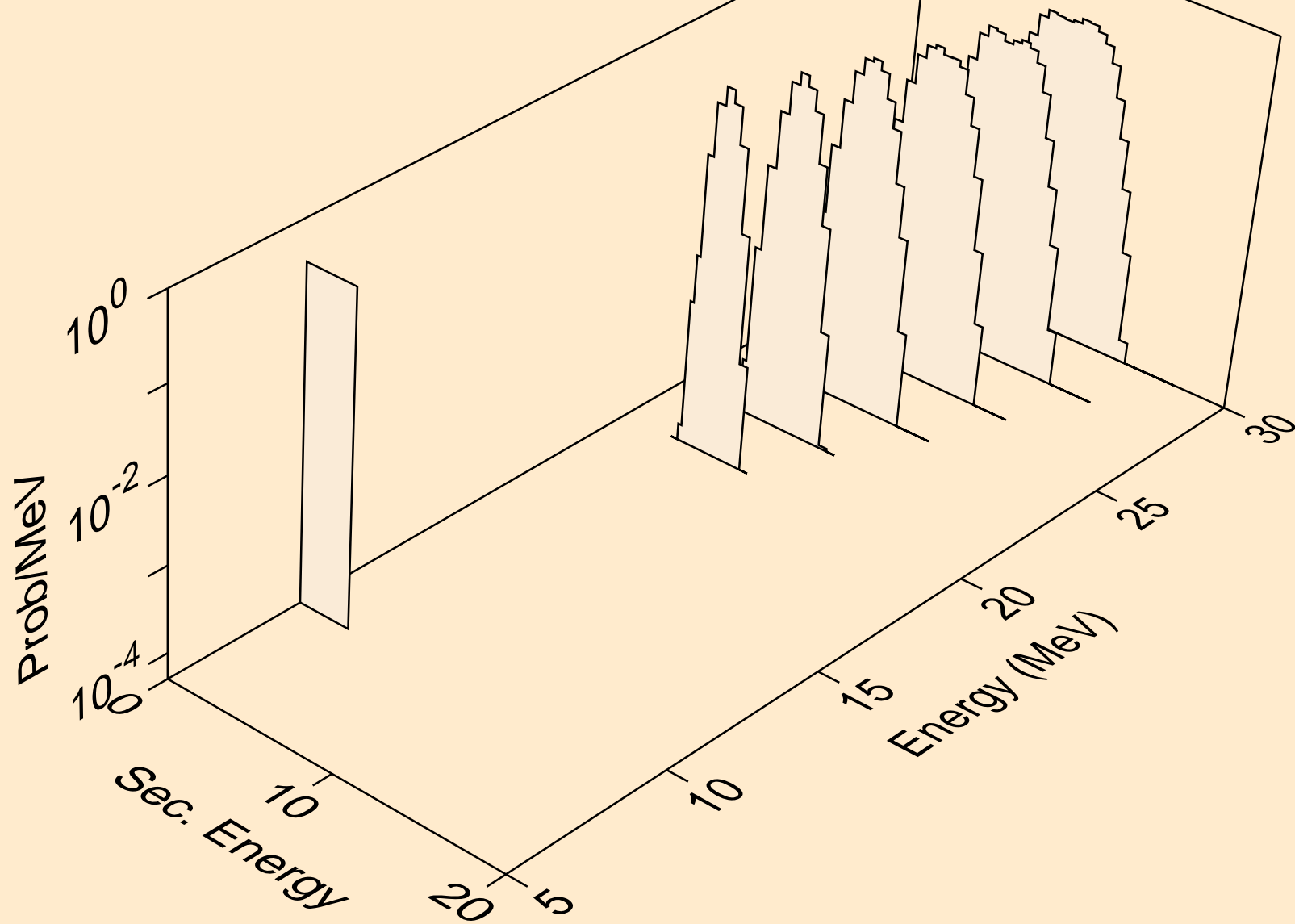
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,3n)a



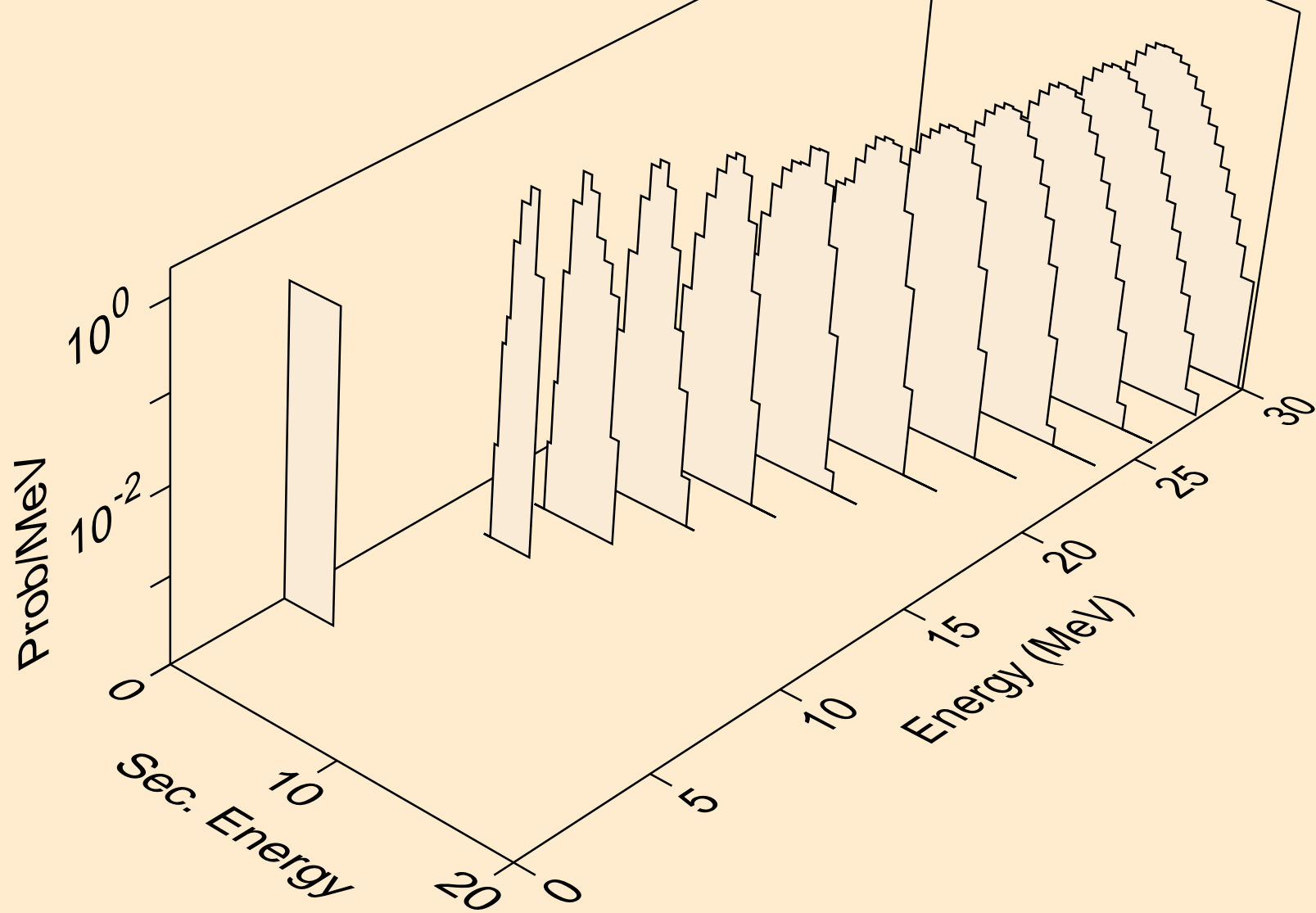
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alphas from (d,n\*)2a



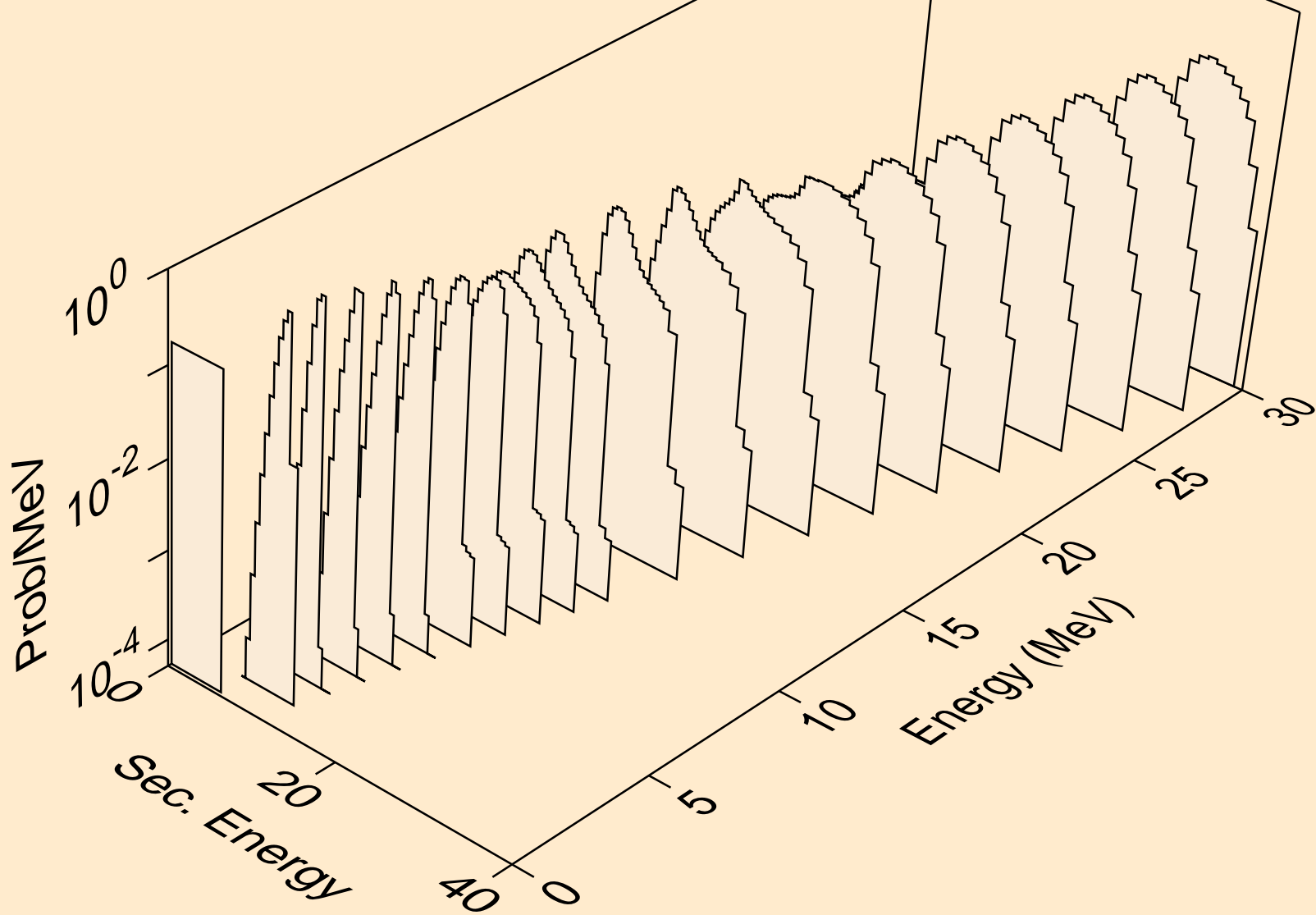
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alphas from (d,2n)2a



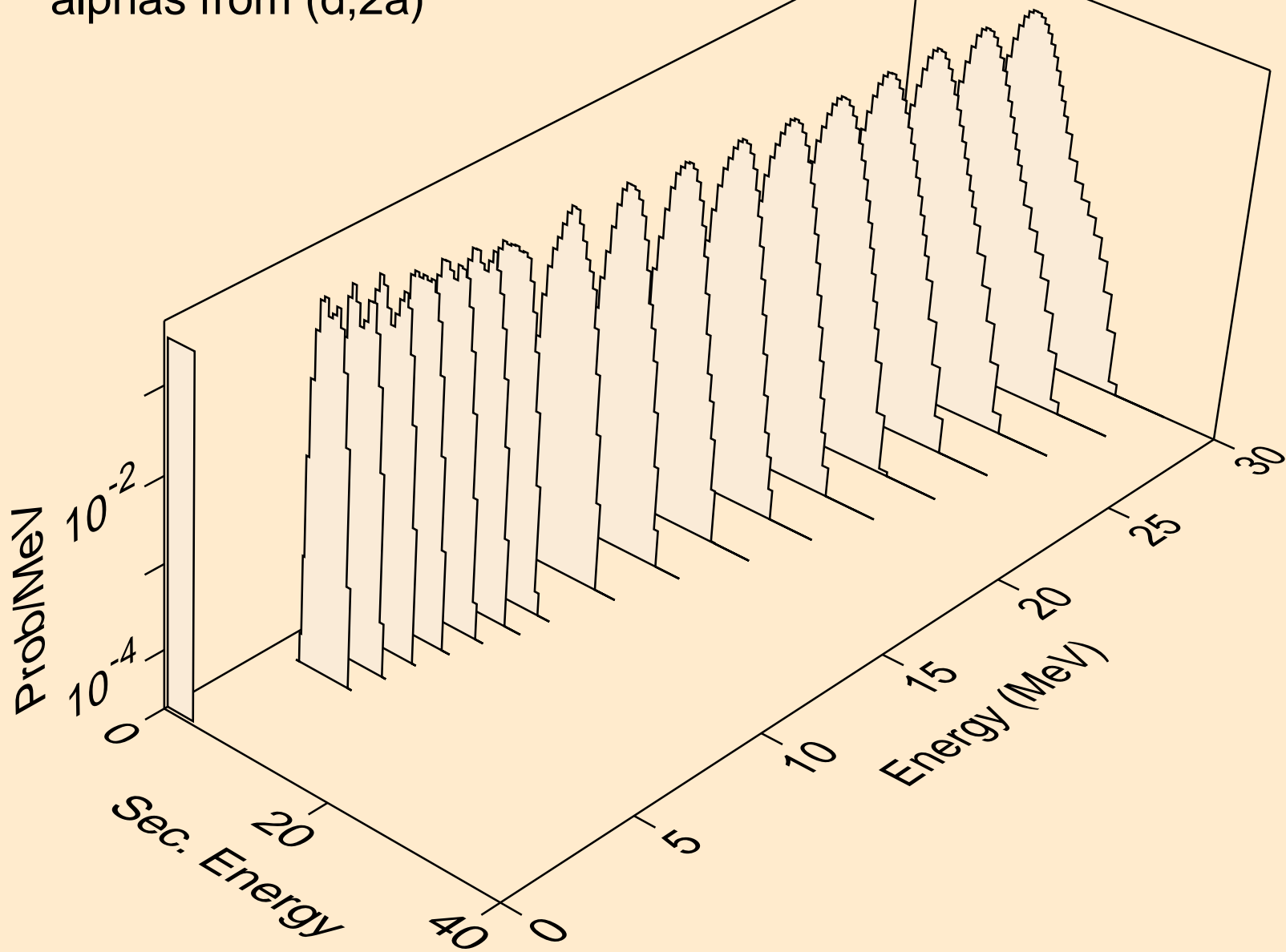
IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,npa)



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,a)

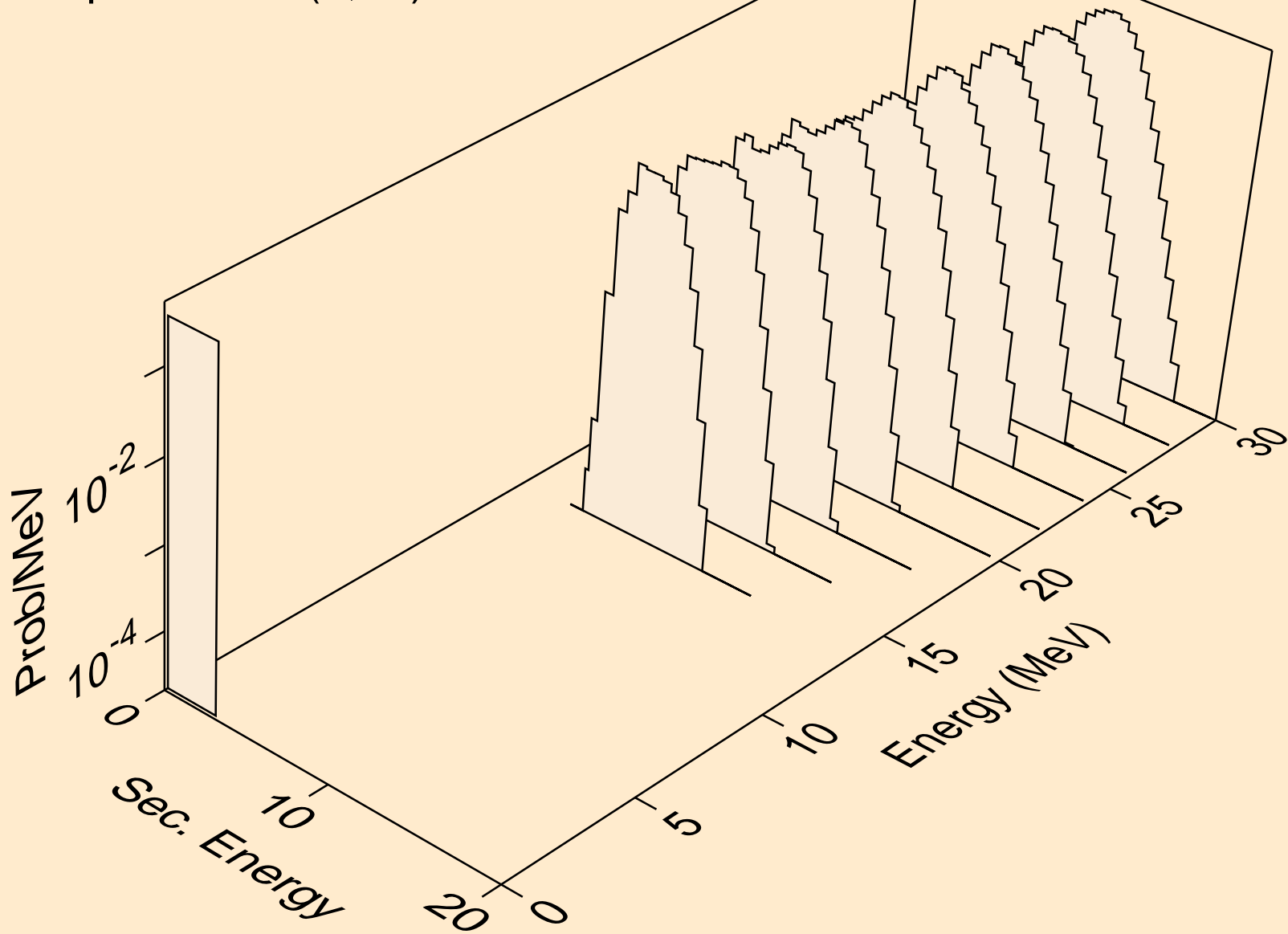


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alphas from (d,2a)

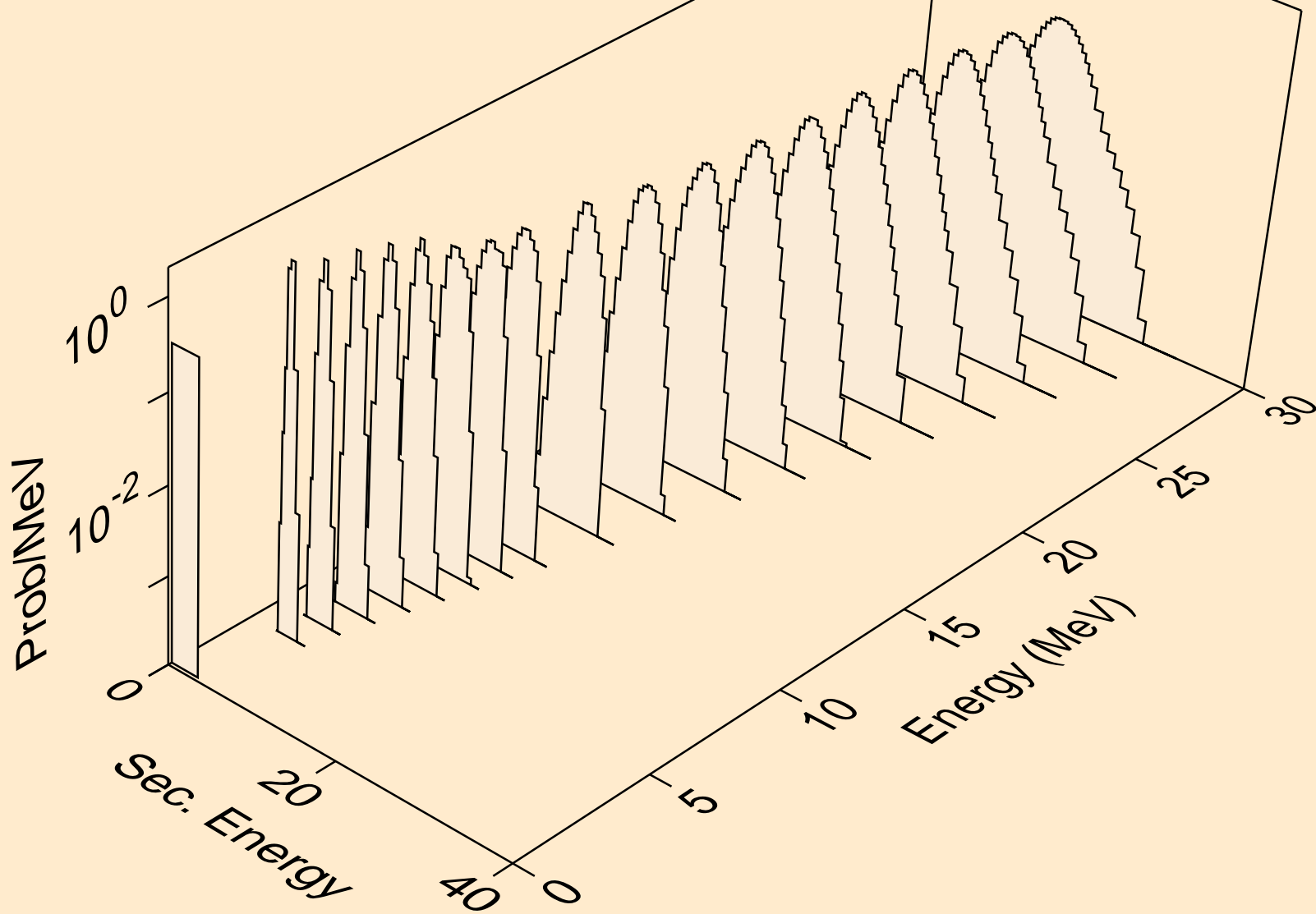




IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,3a)



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)



IN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

