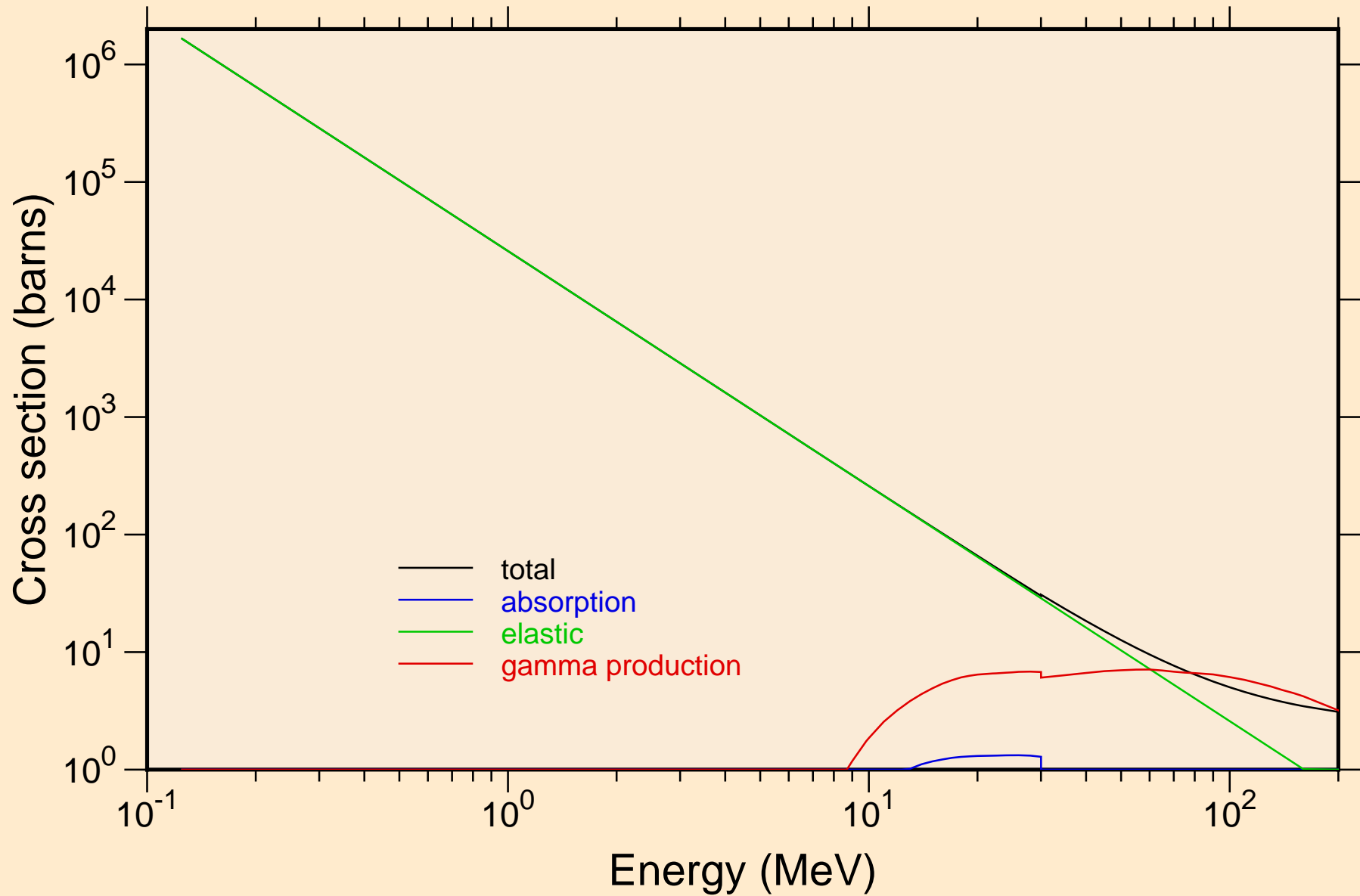
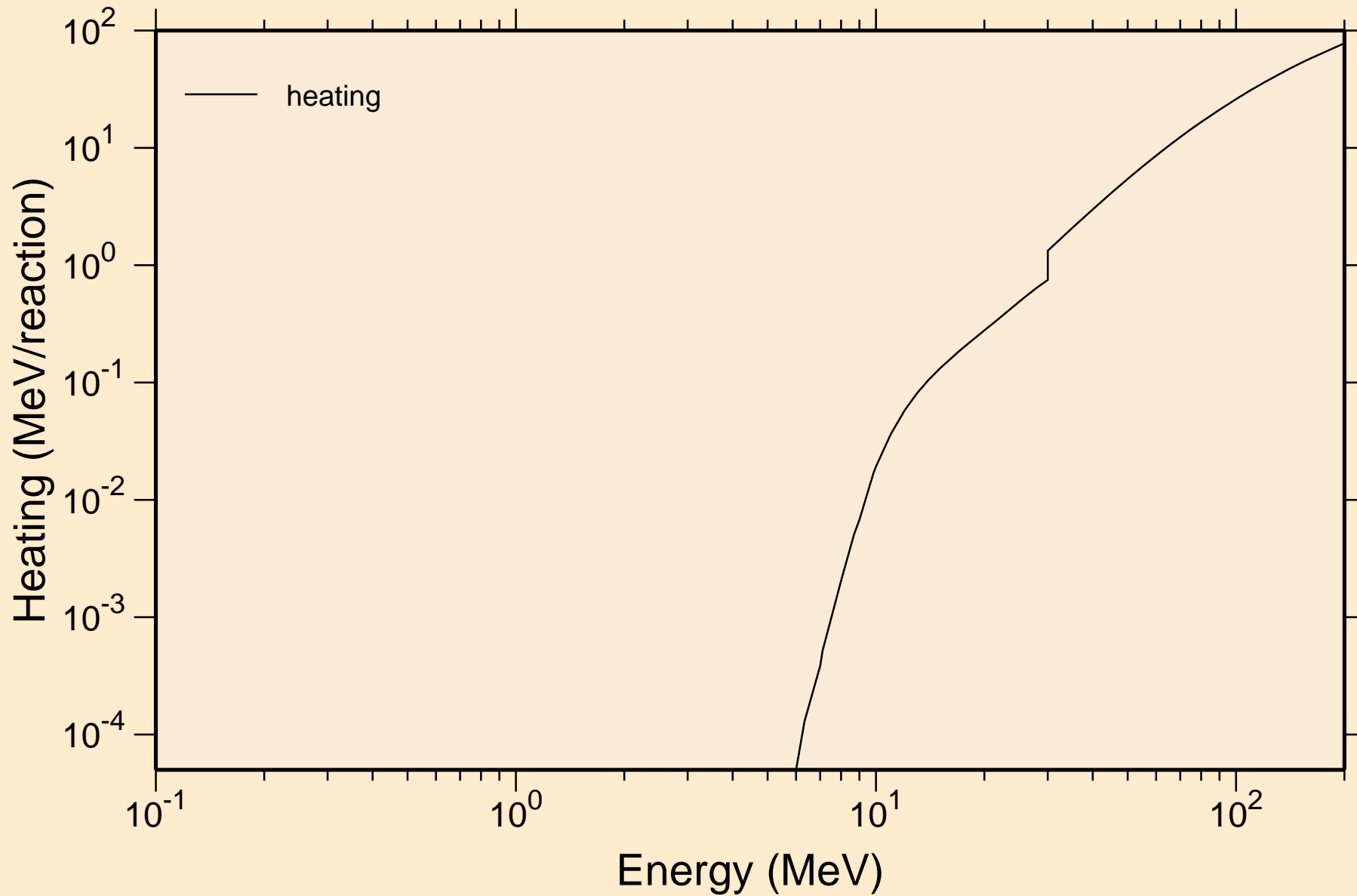


# GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

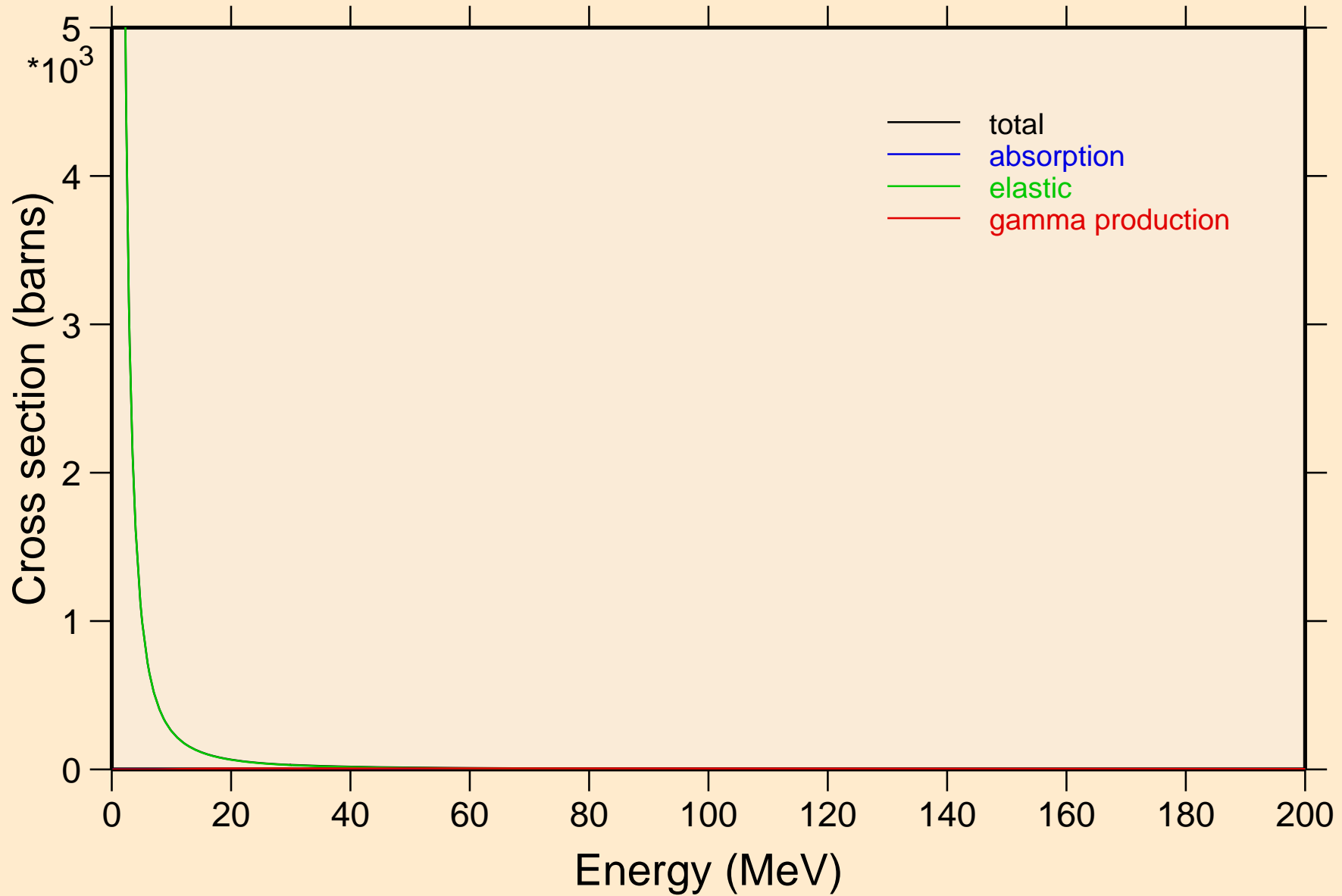
## Principal cross sections



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

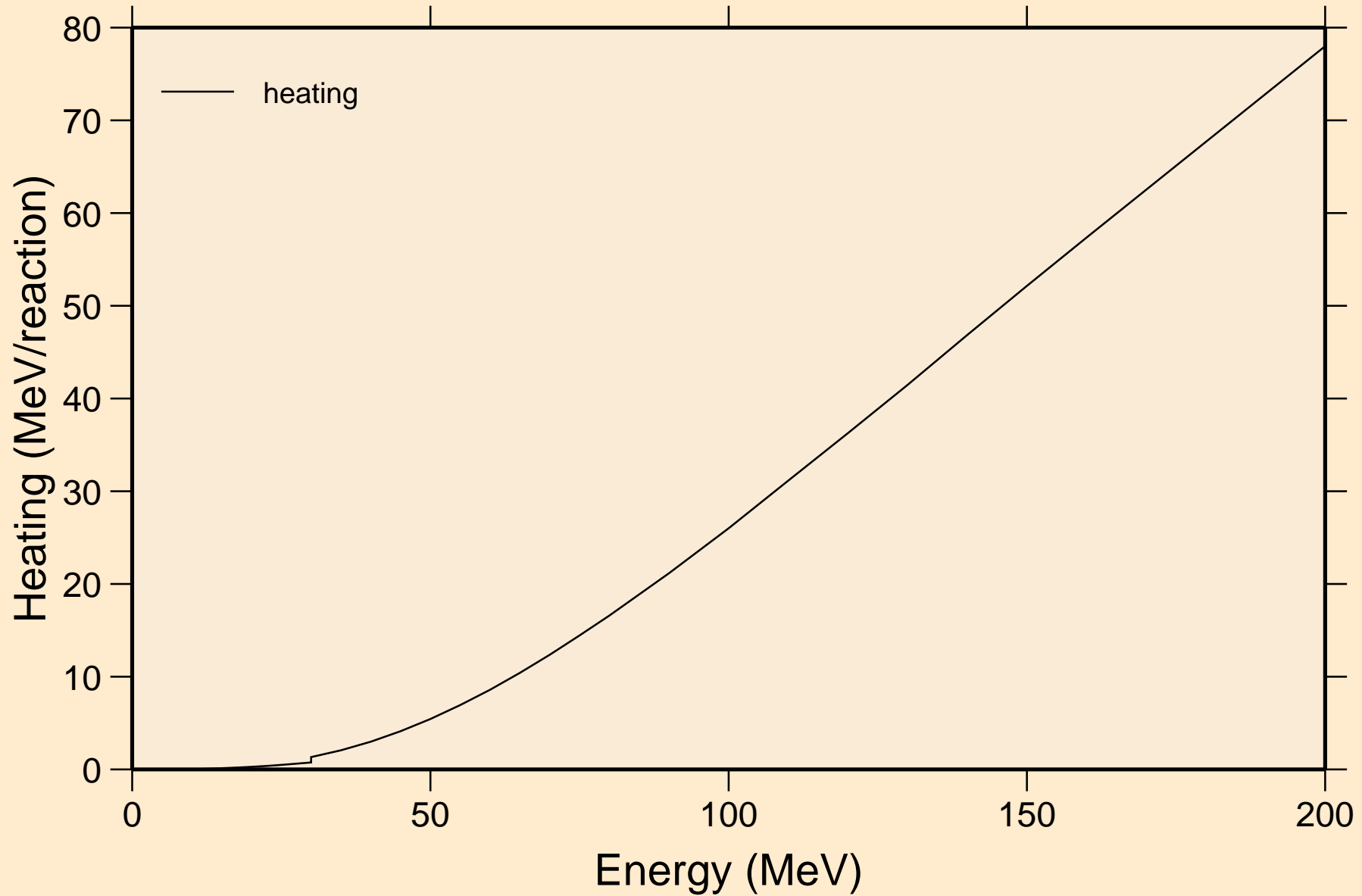


GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



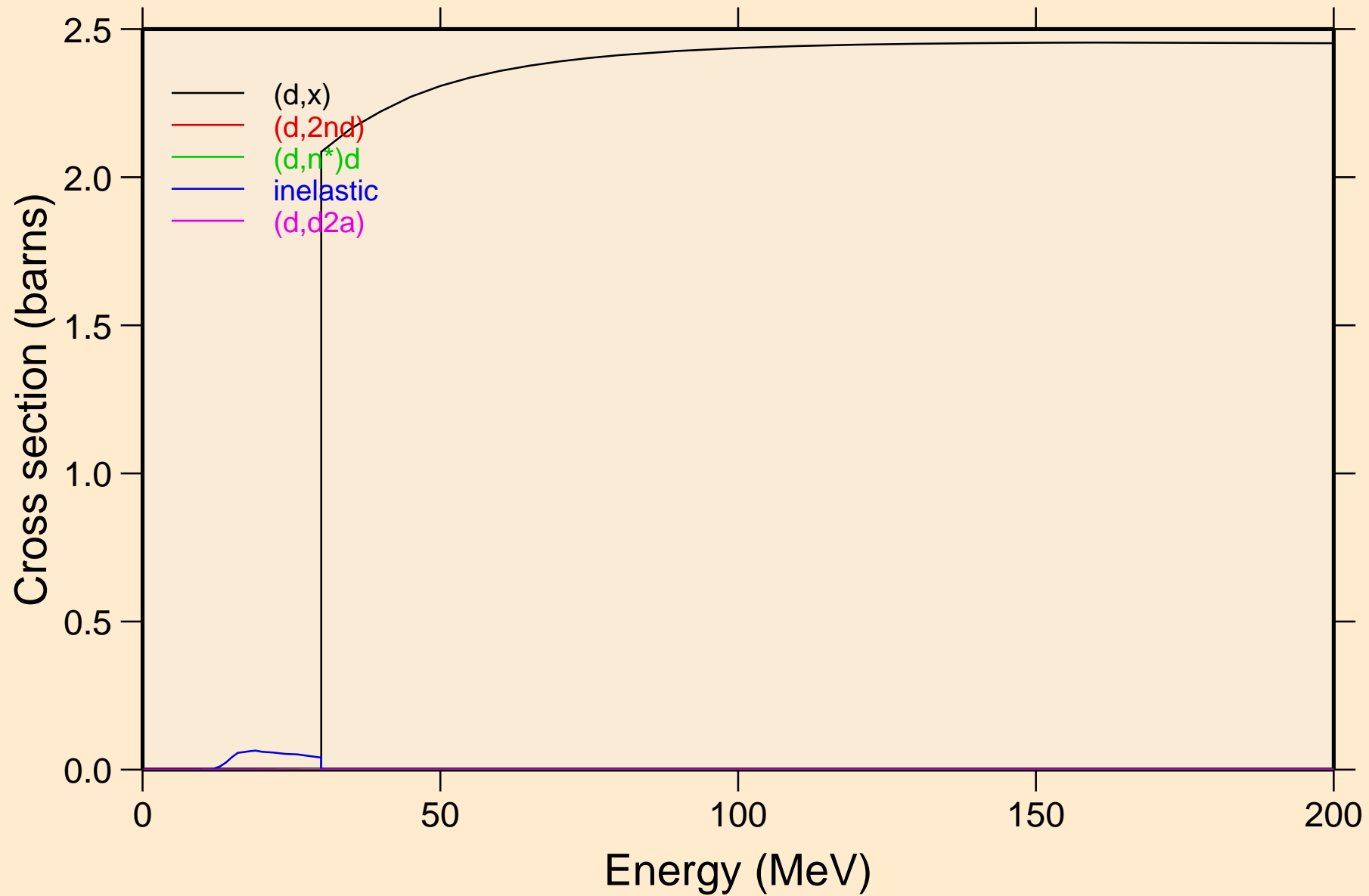
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## Heating



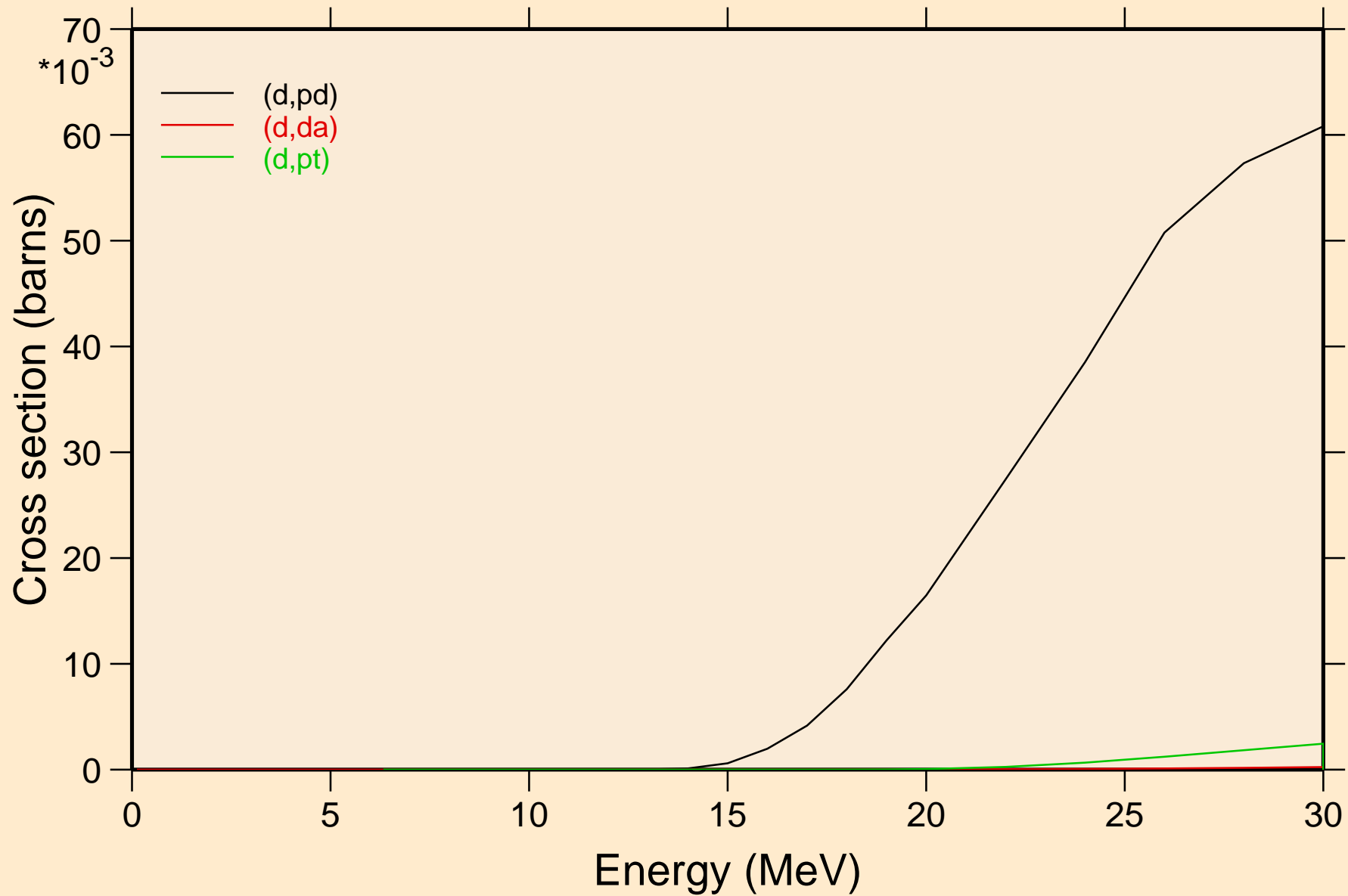
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## Threshold reactions

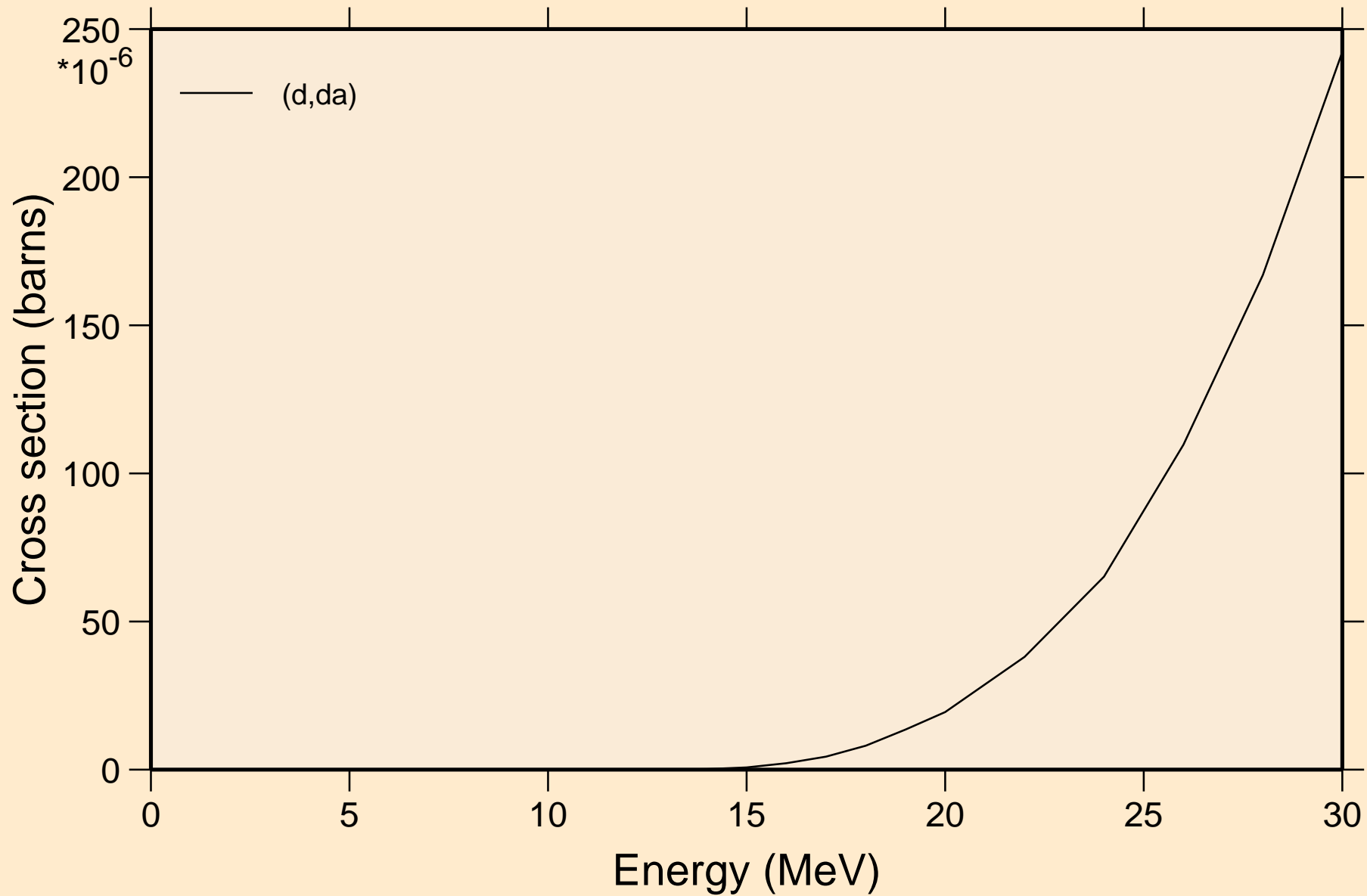


# GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

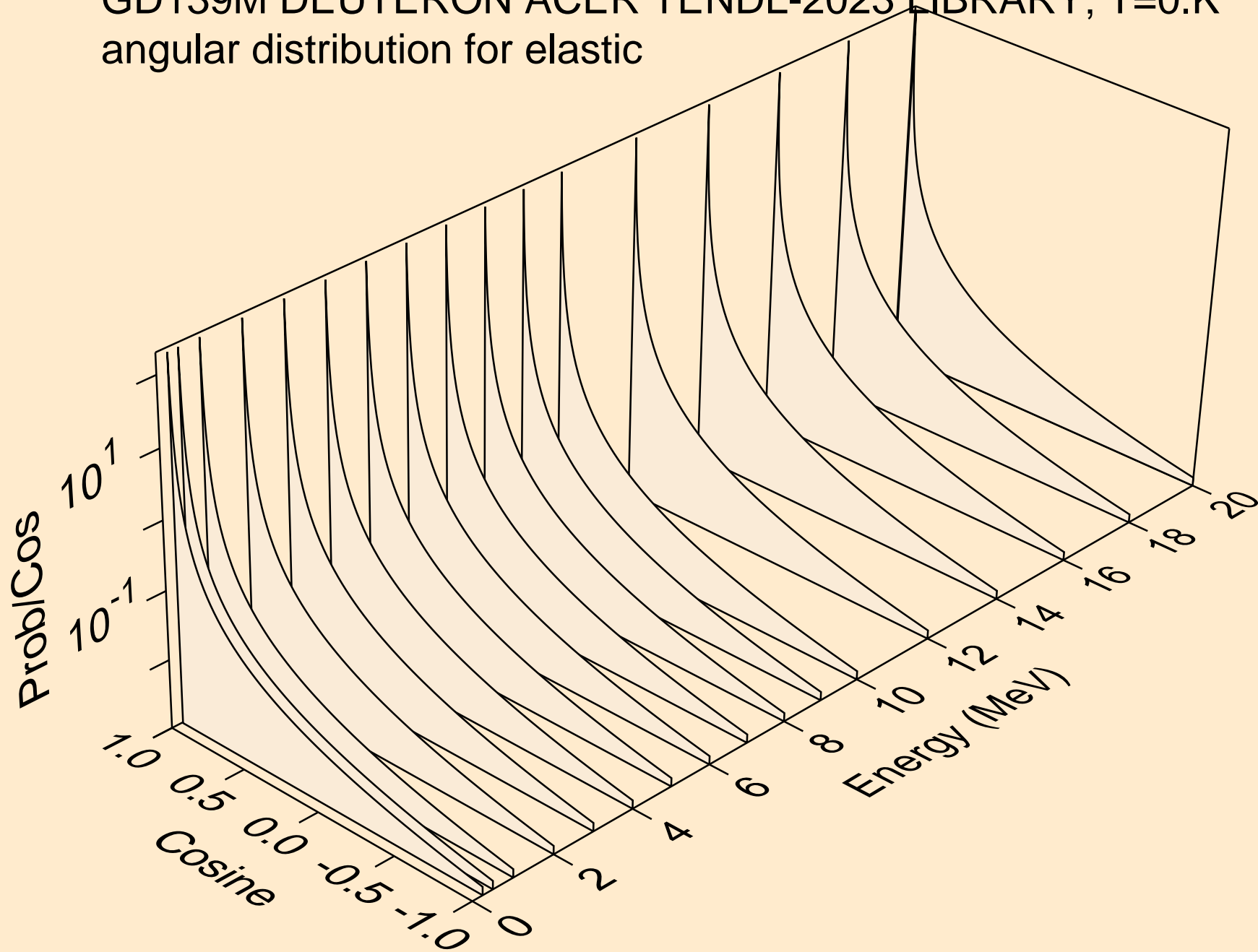
## Threshold reactions



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

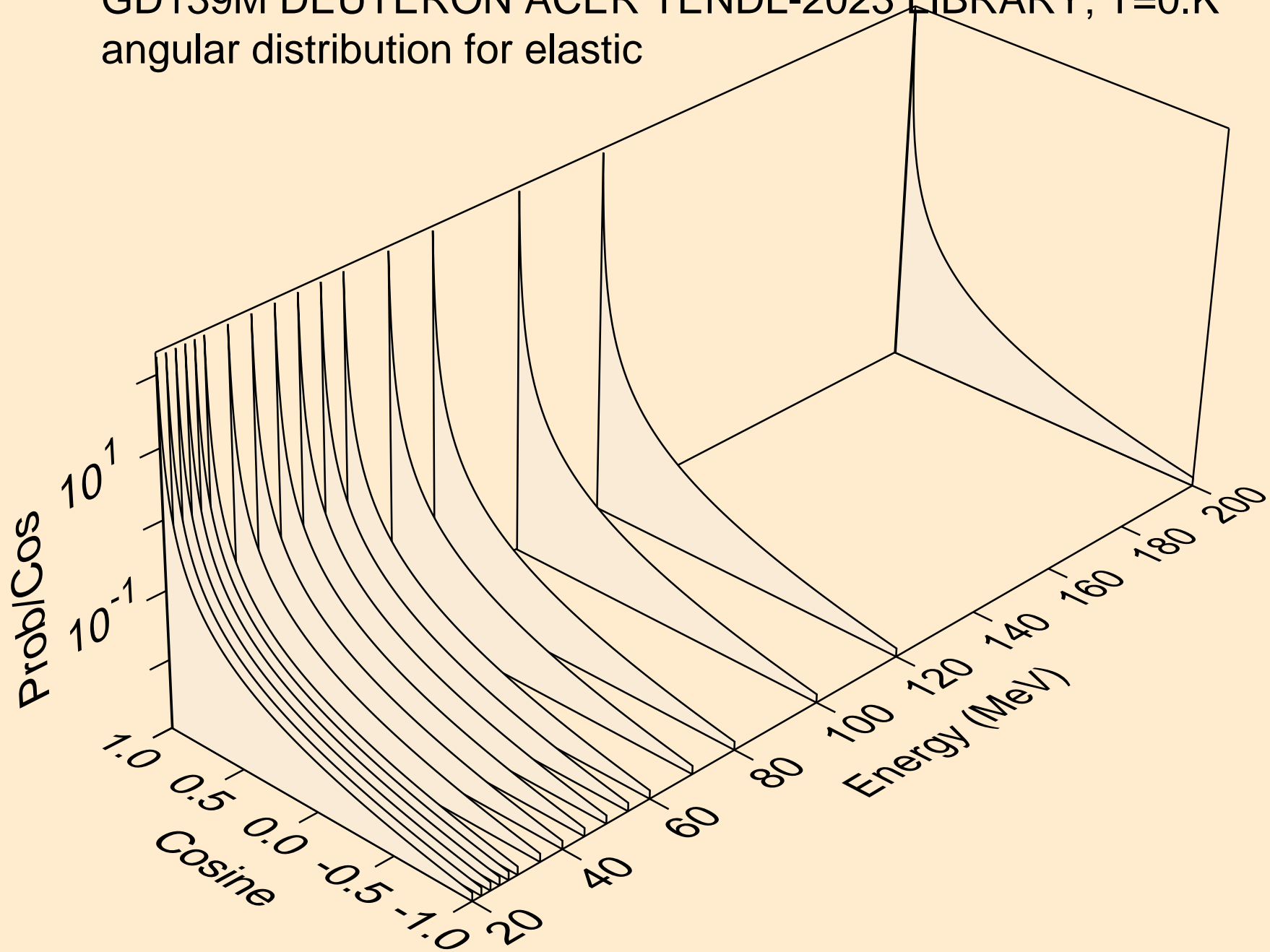


GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

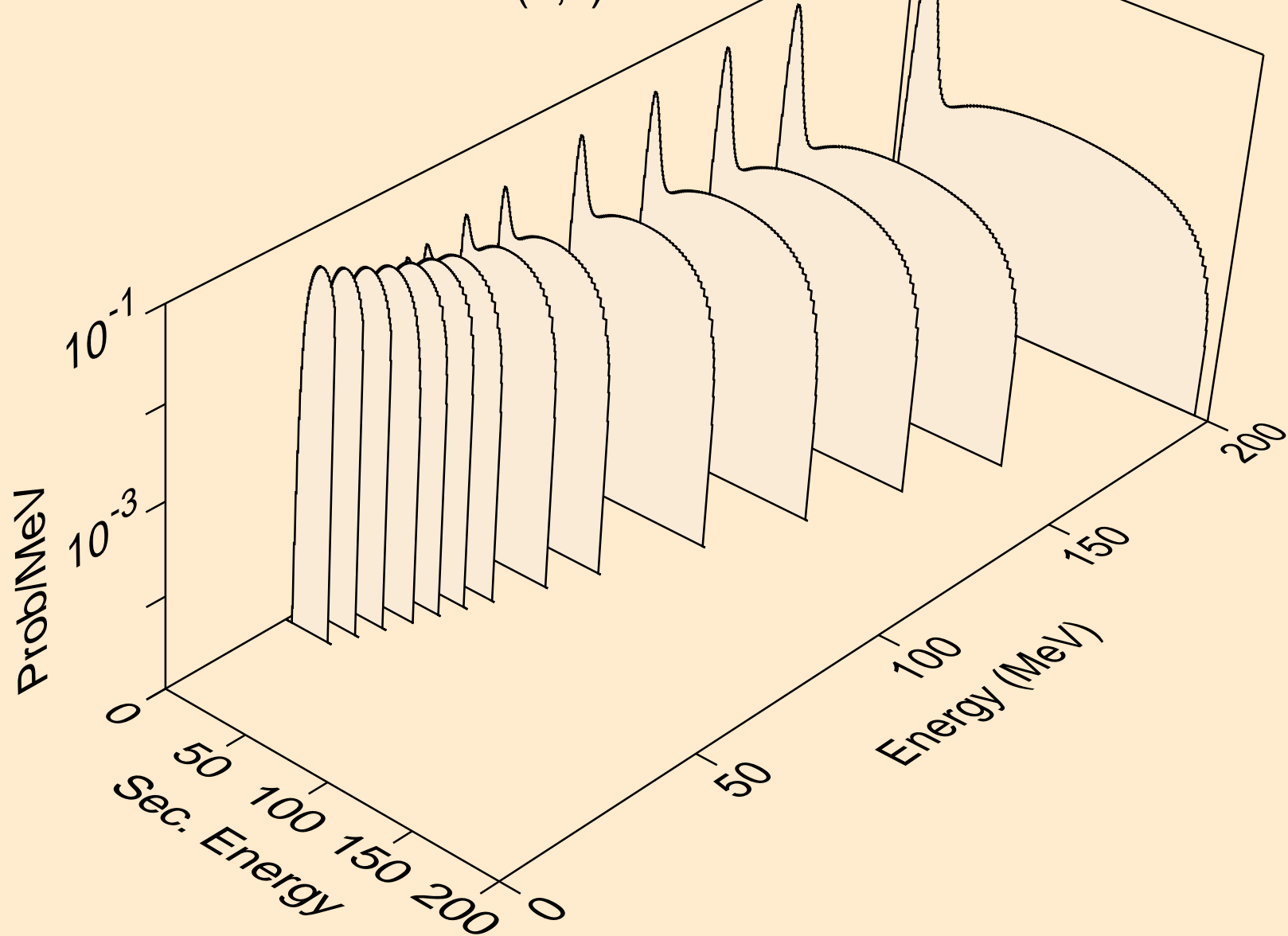




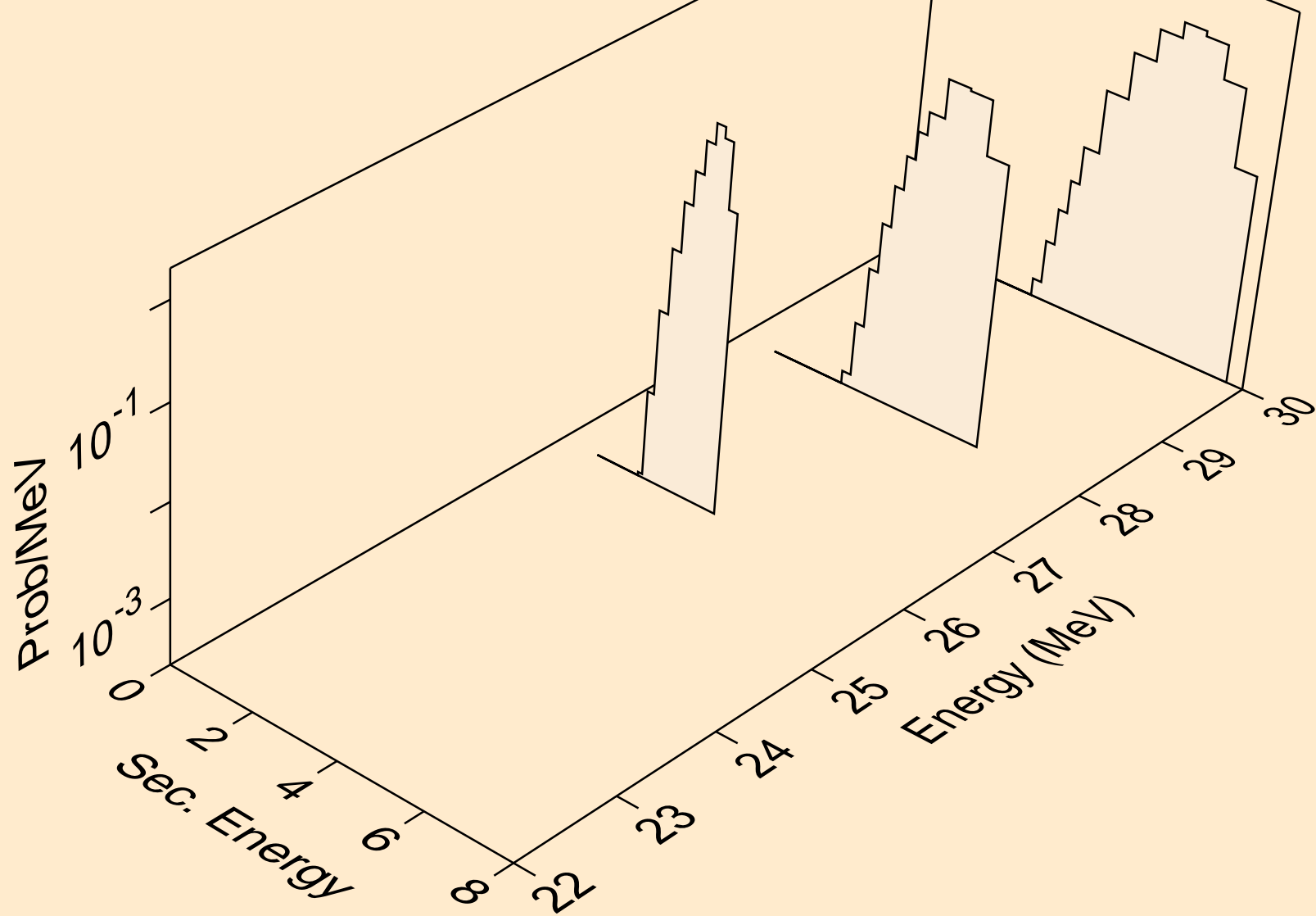
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



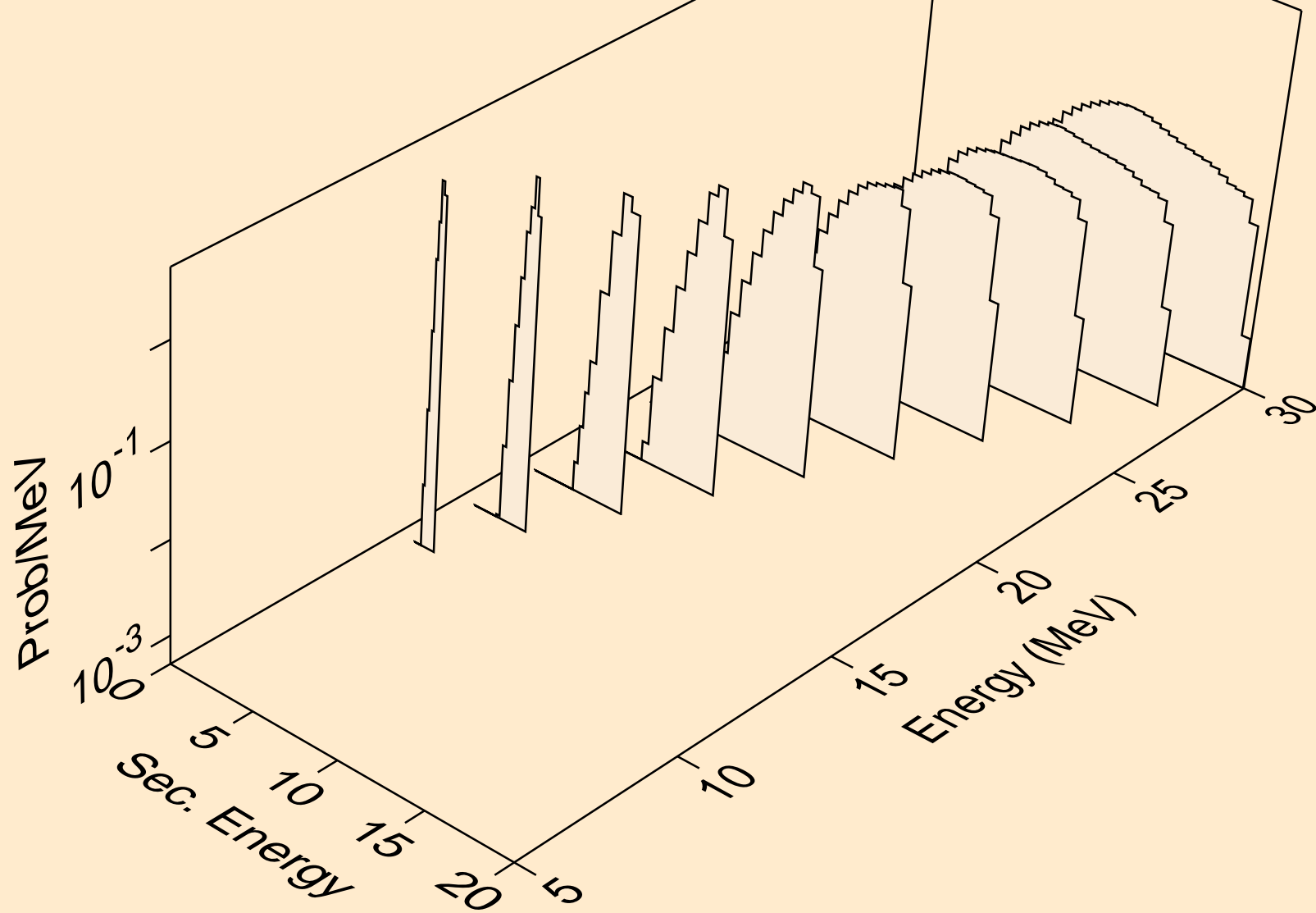
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,x)



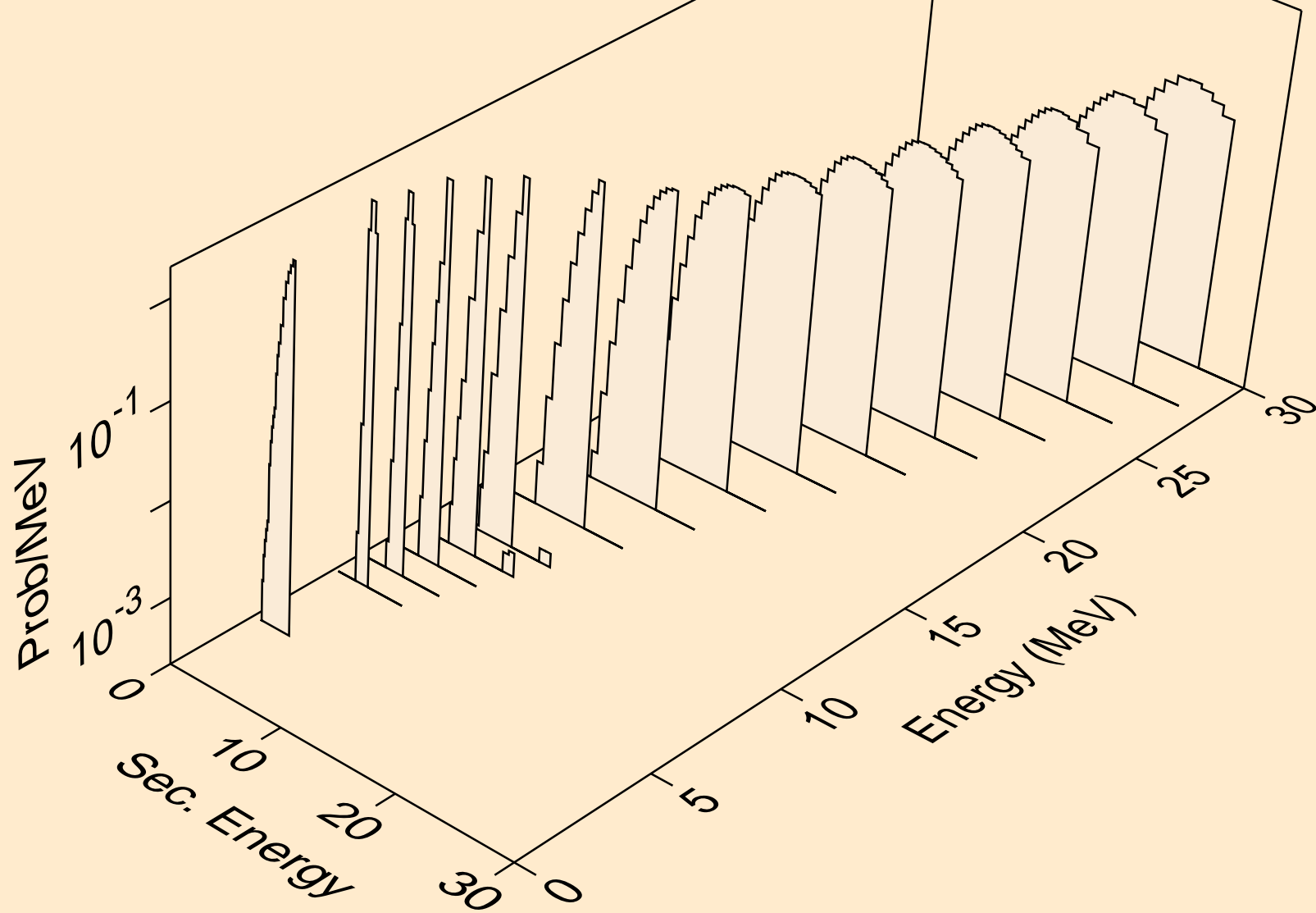
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,2nd)



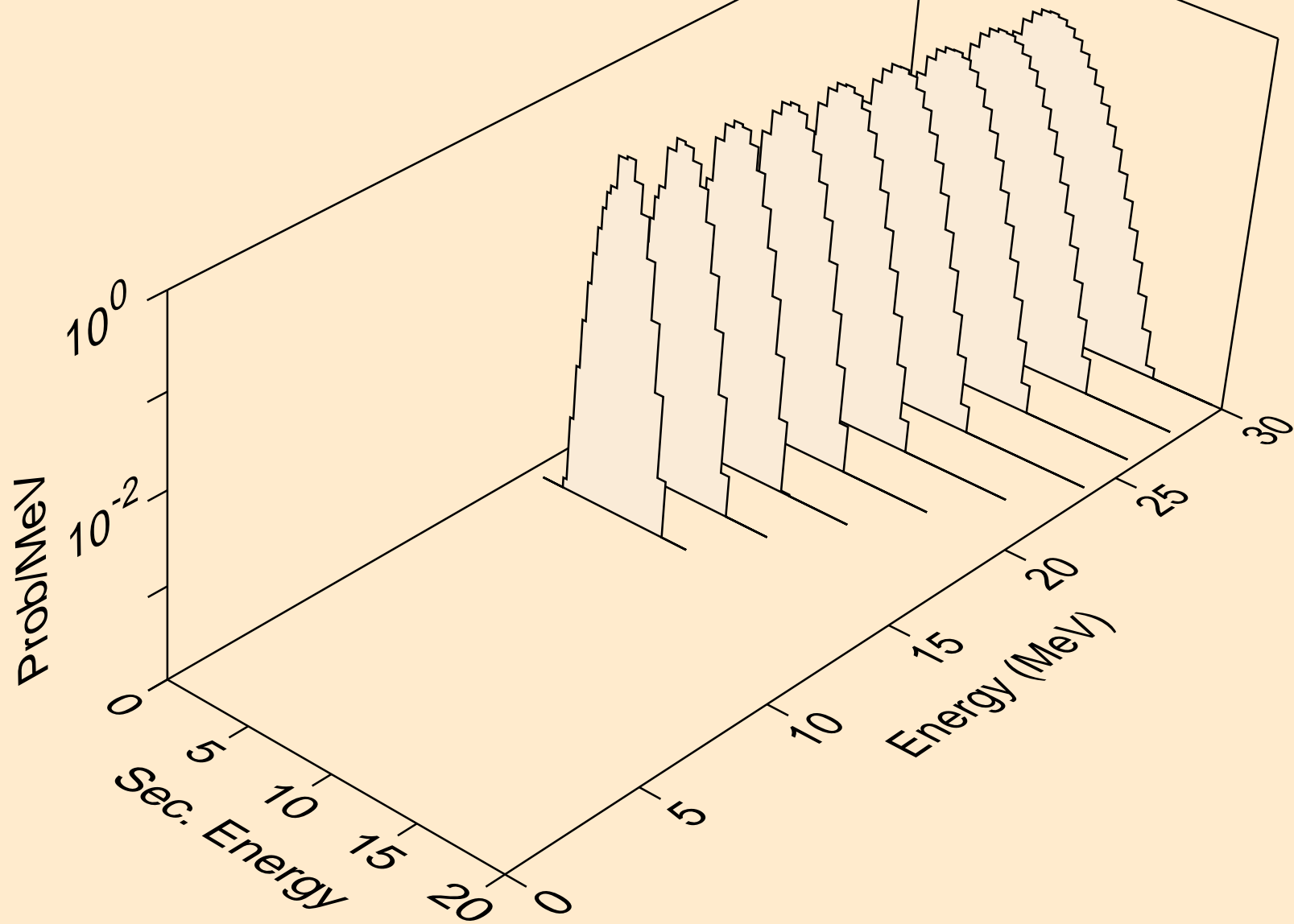
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,n\*)d



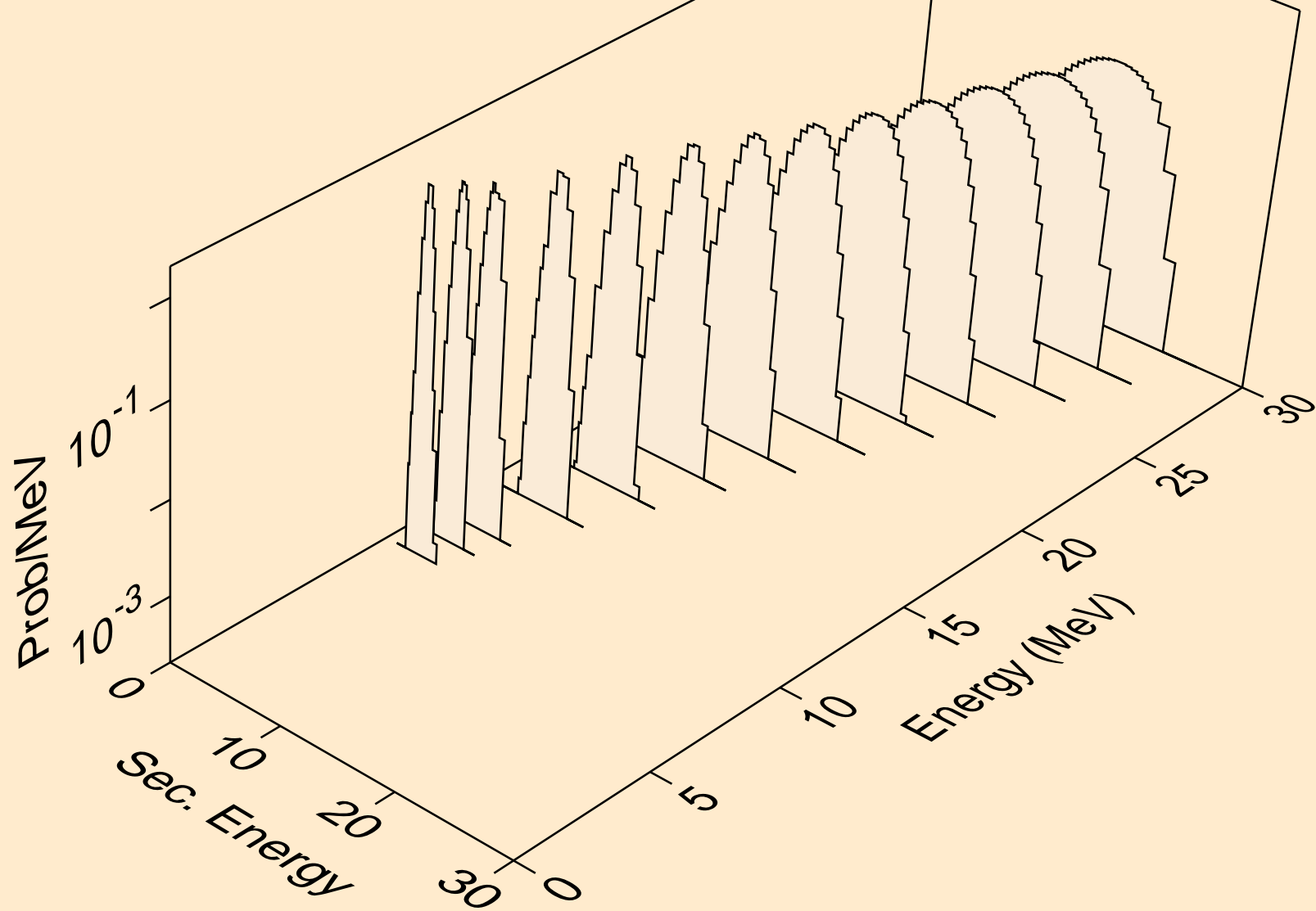
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



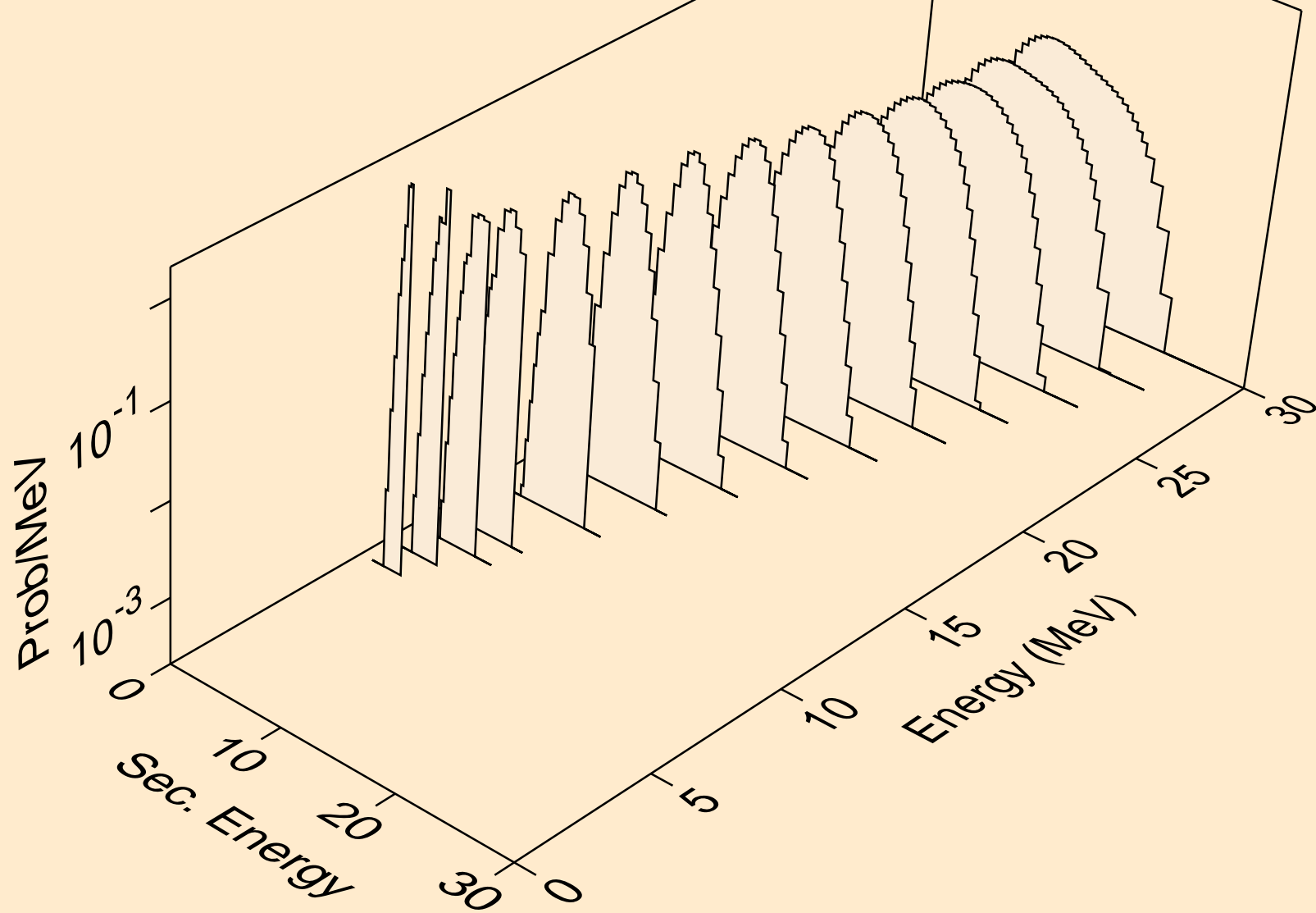
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,d2a)



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)

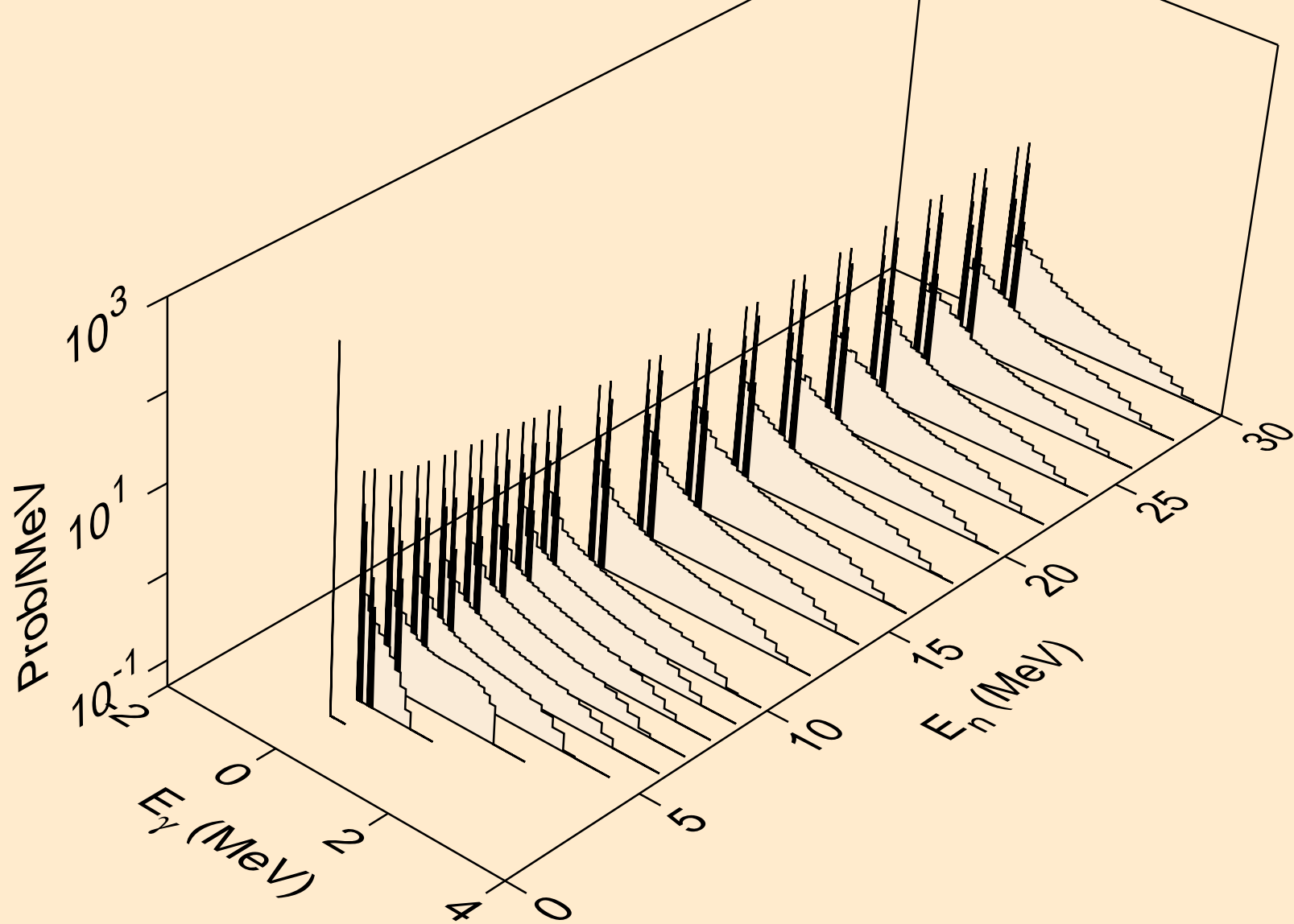


GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,da)

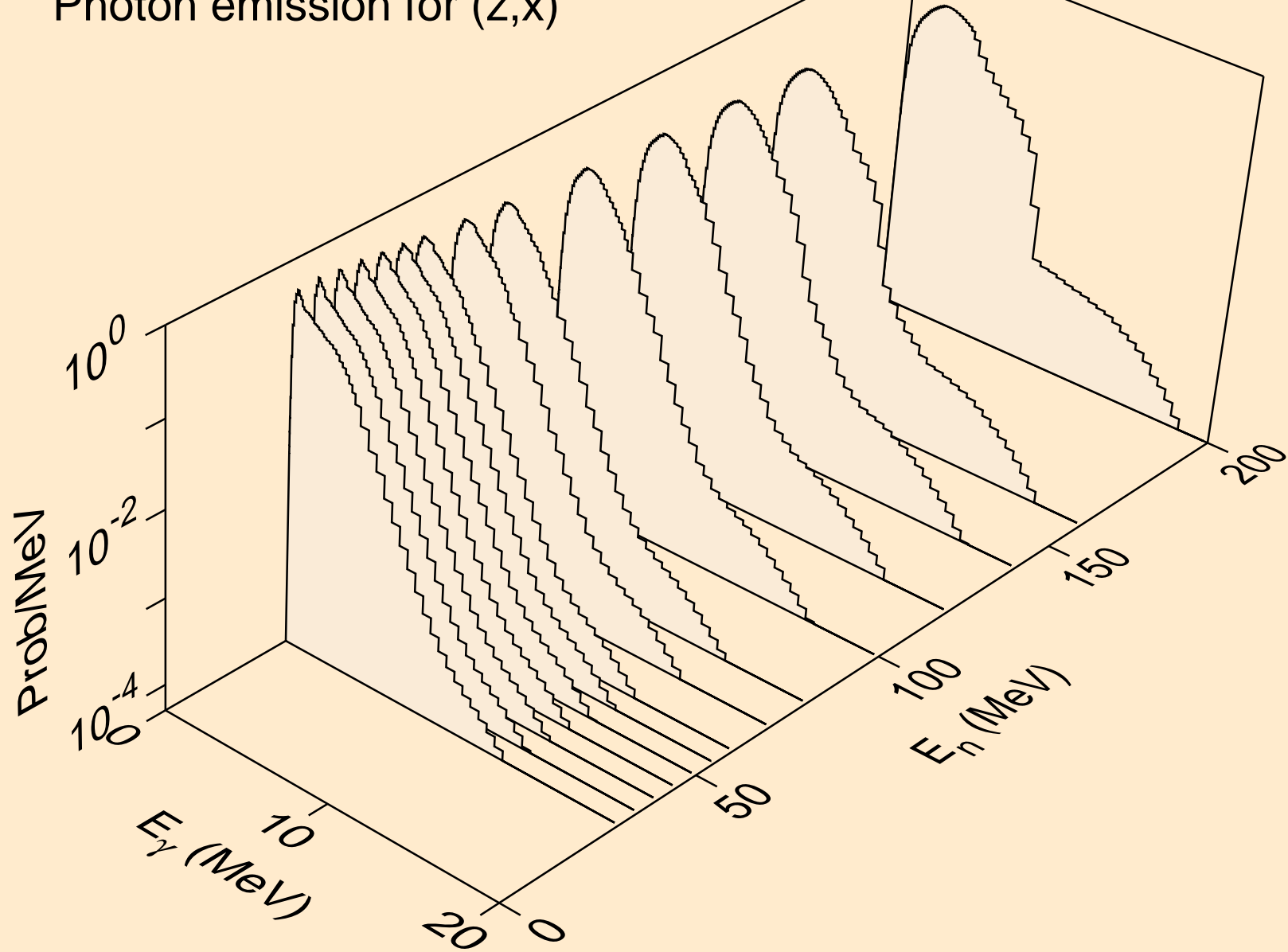




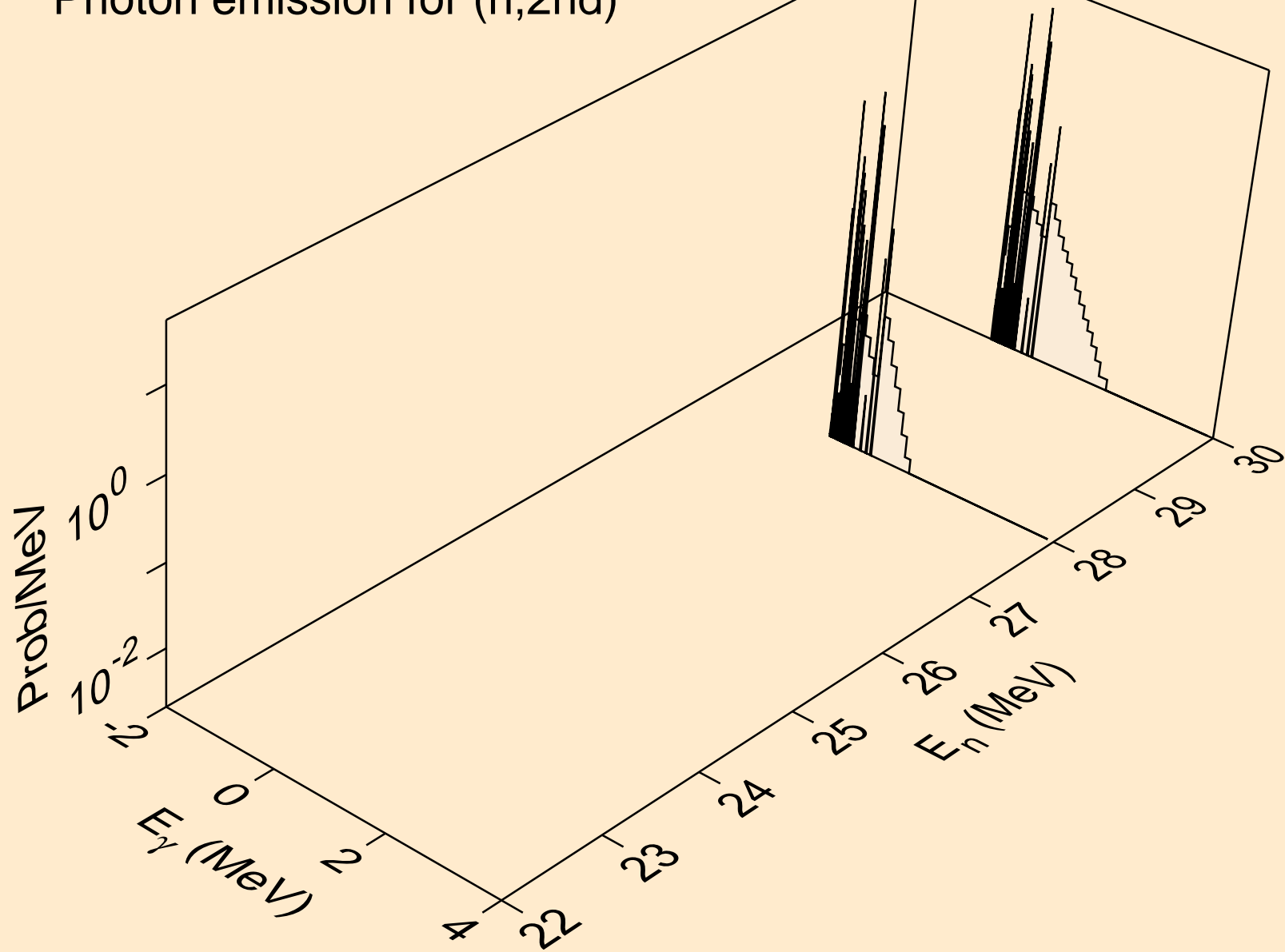
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Photon emission for (z,n)



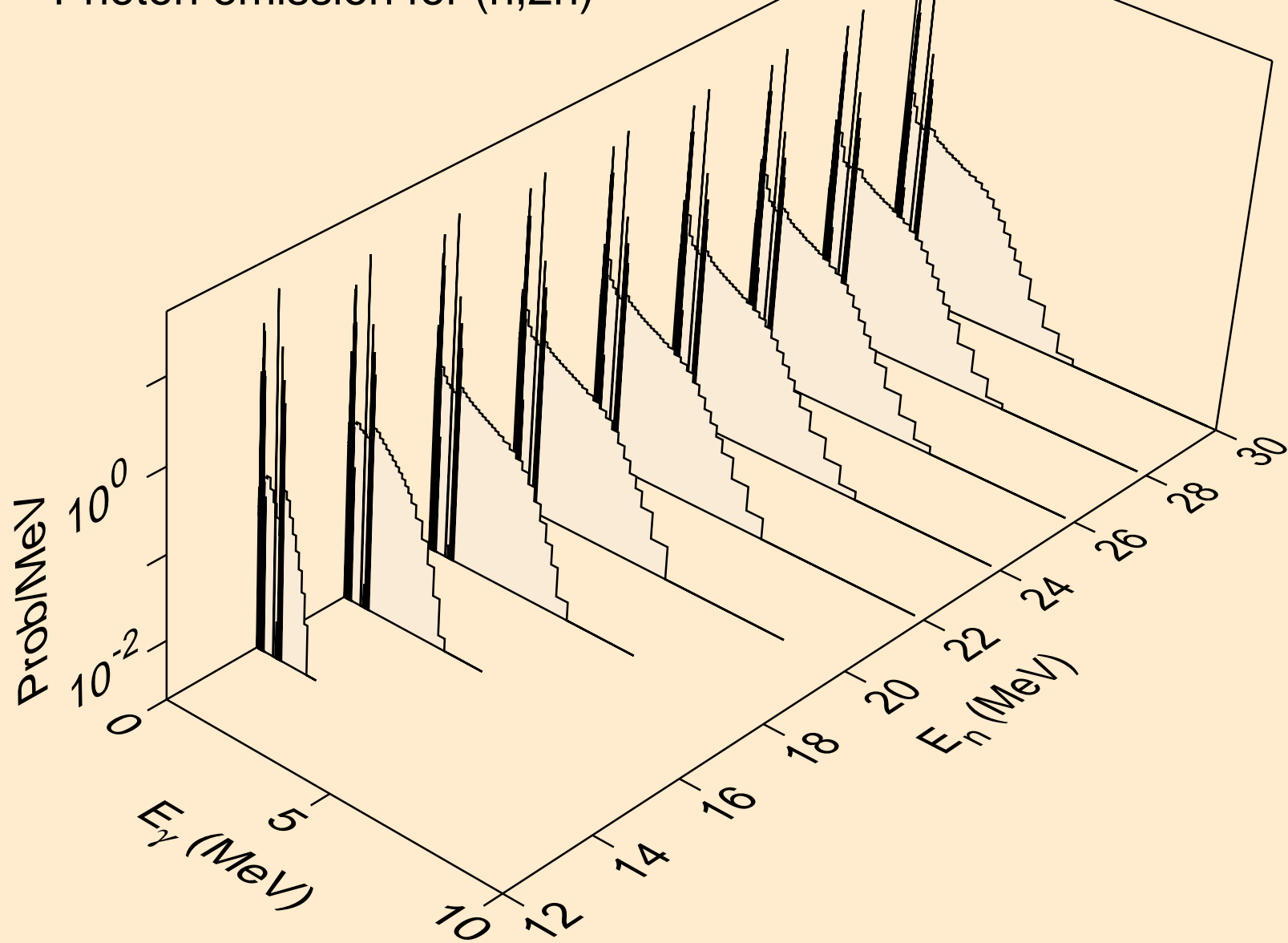
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



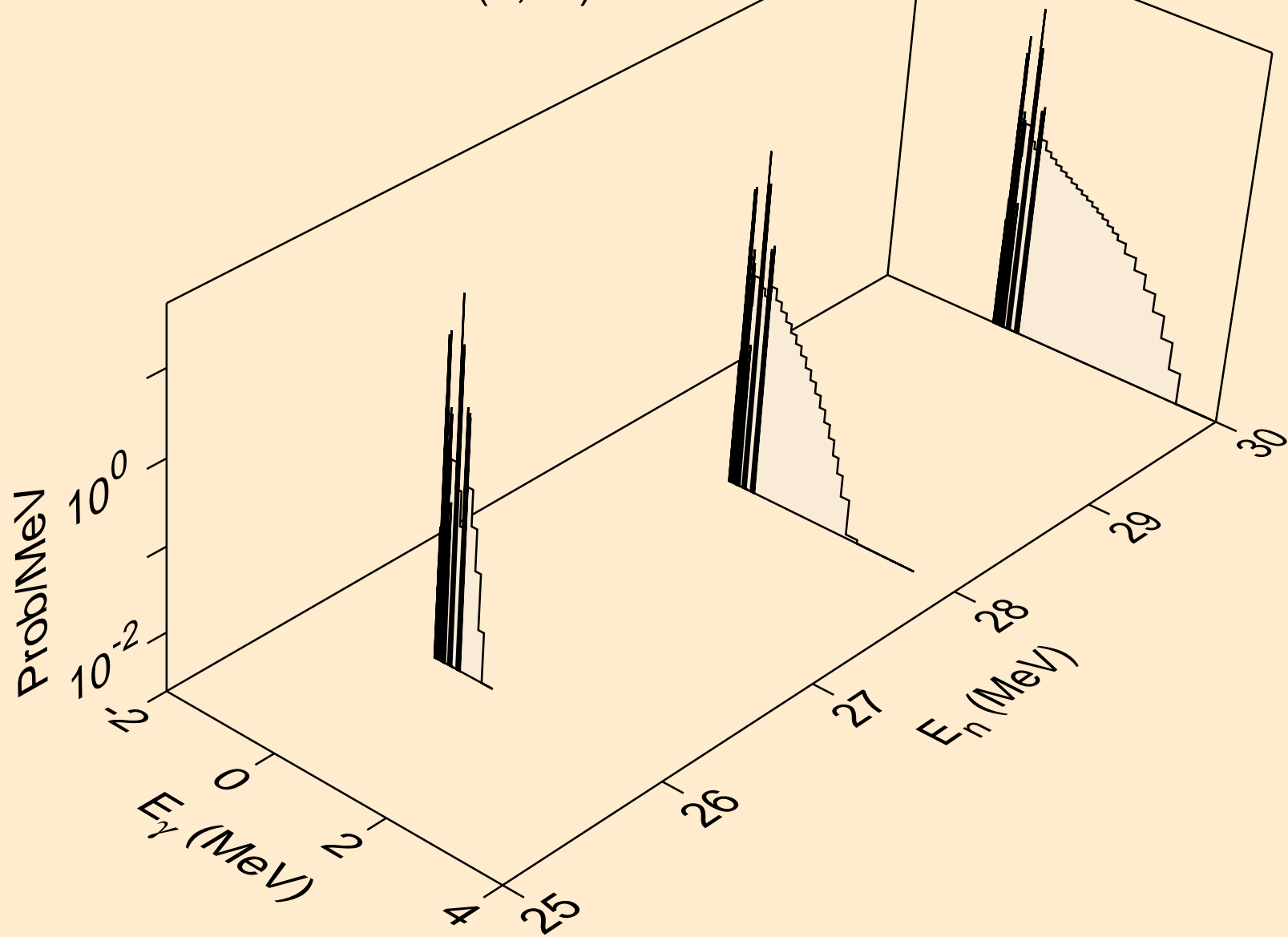
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Photon emission for (n,2nd)



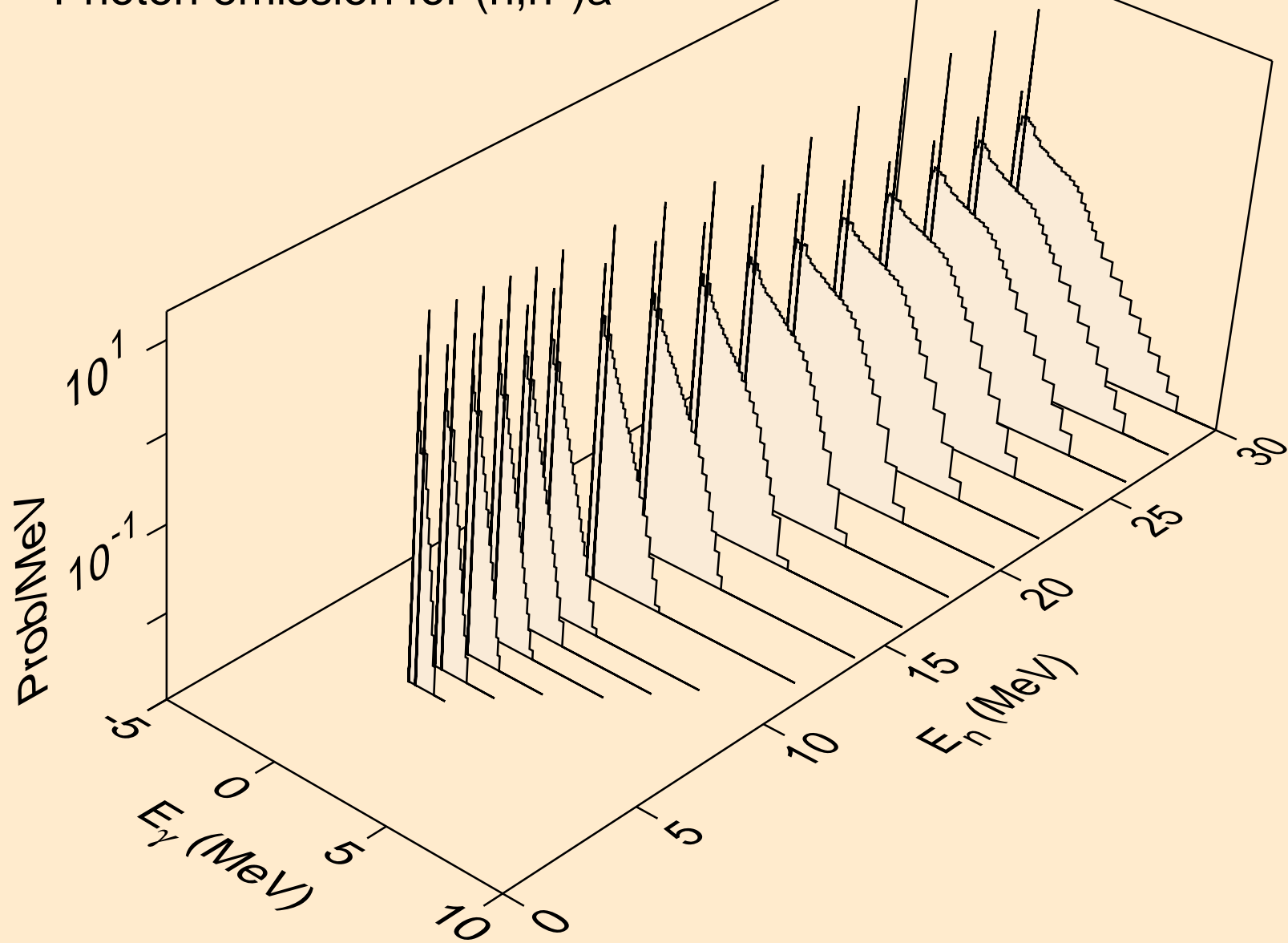
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Photon emission for (n,2n)



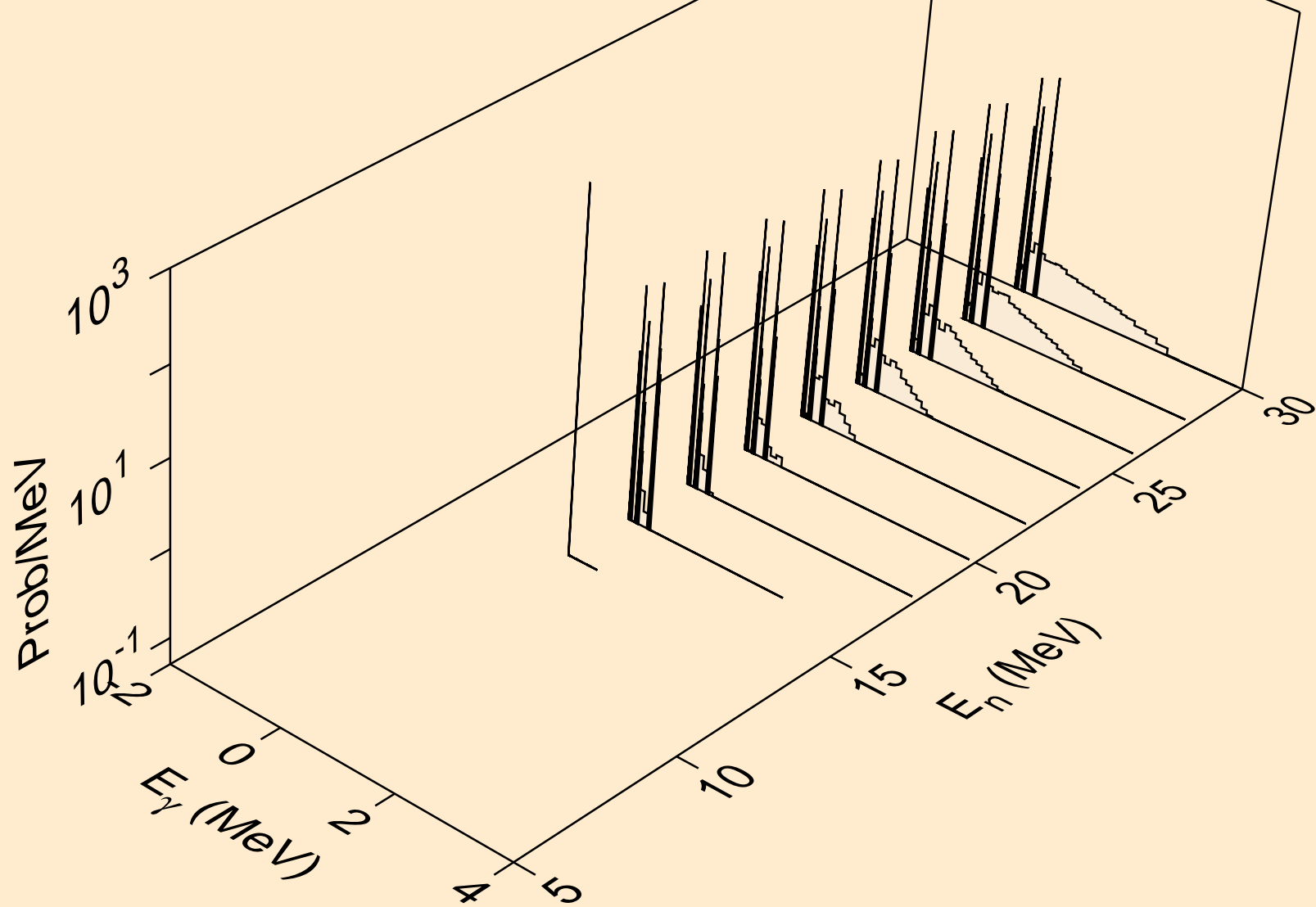
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



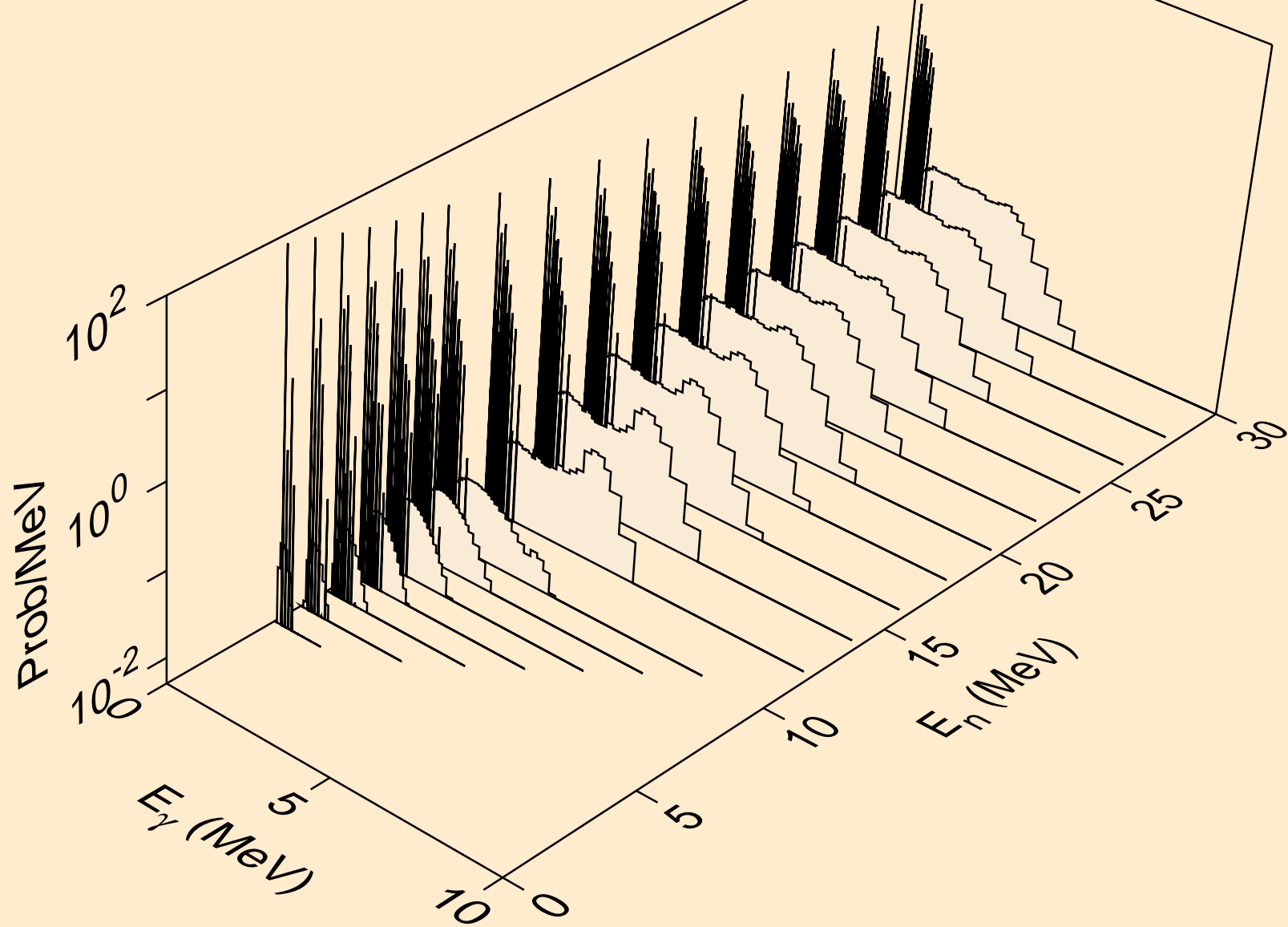
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

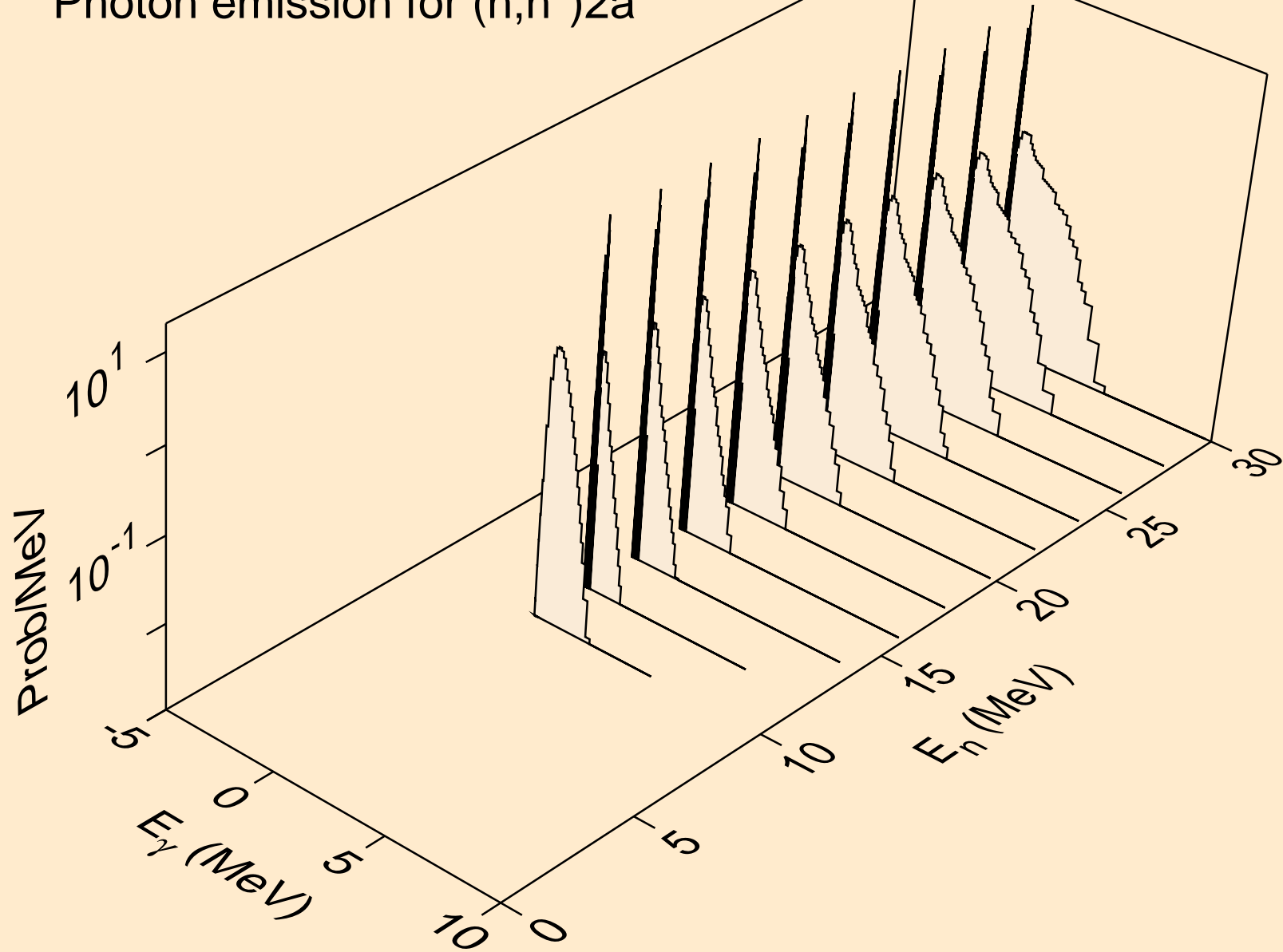


GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

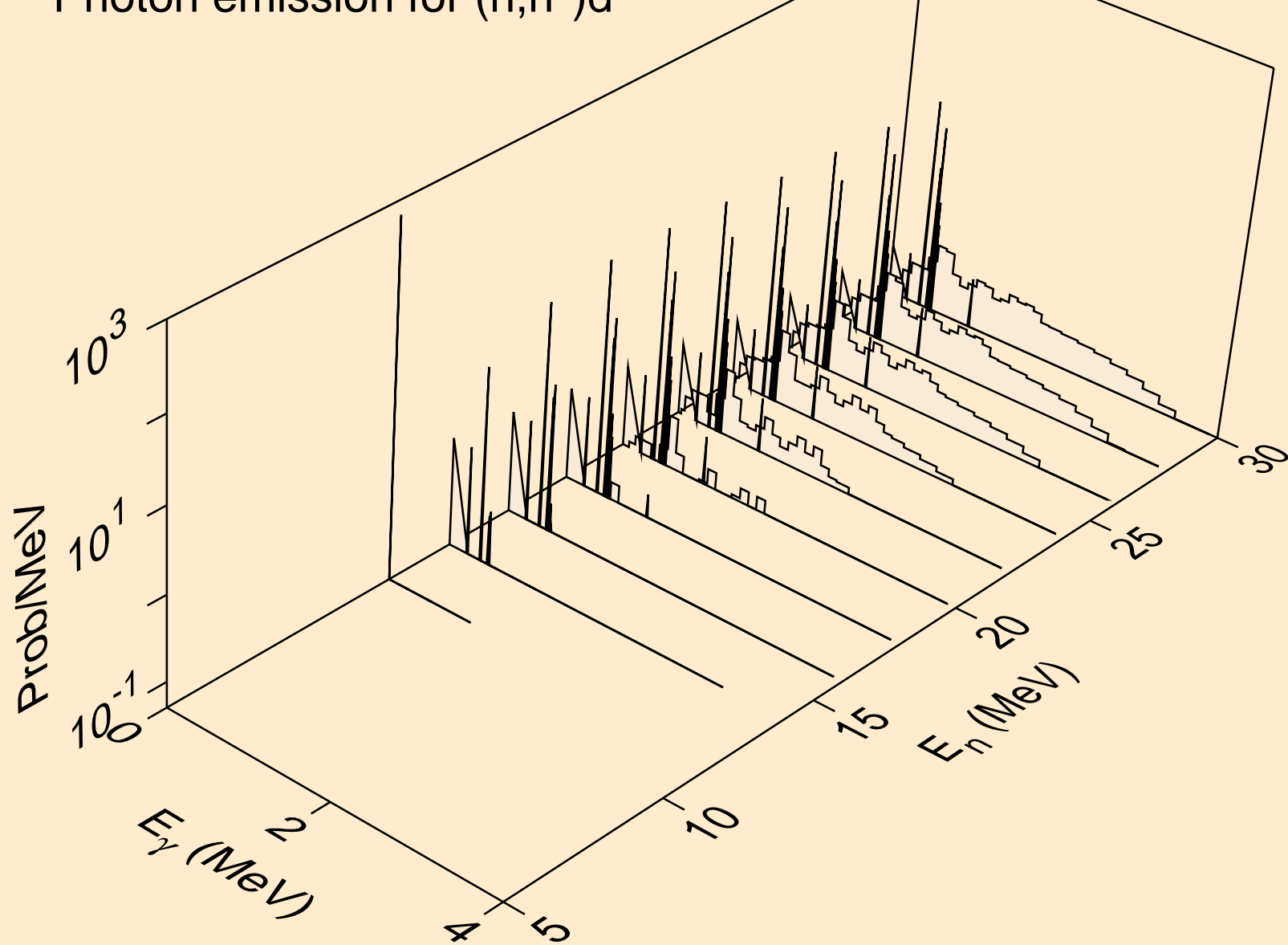




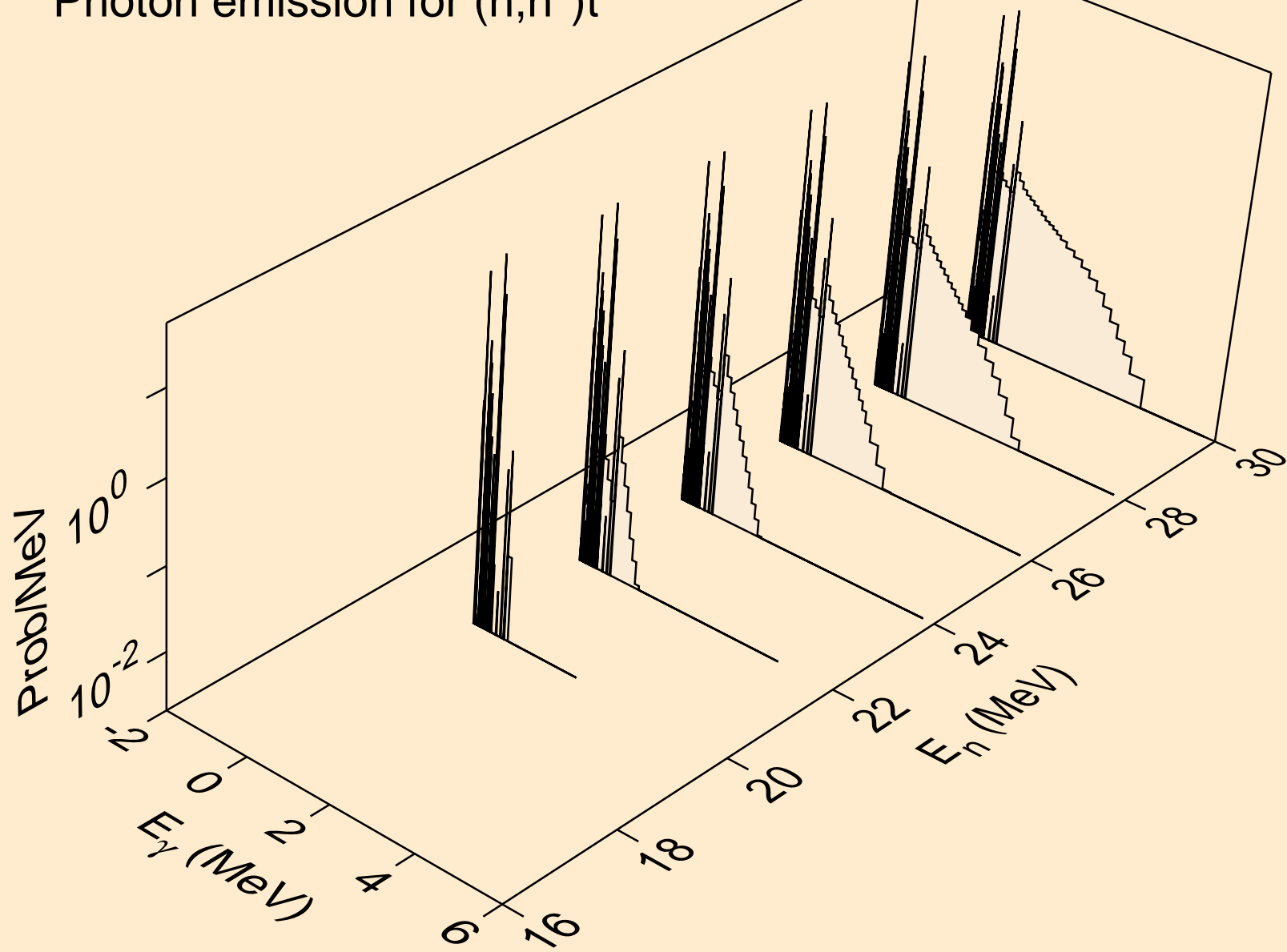
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Photon emission for (n,n\*)2a



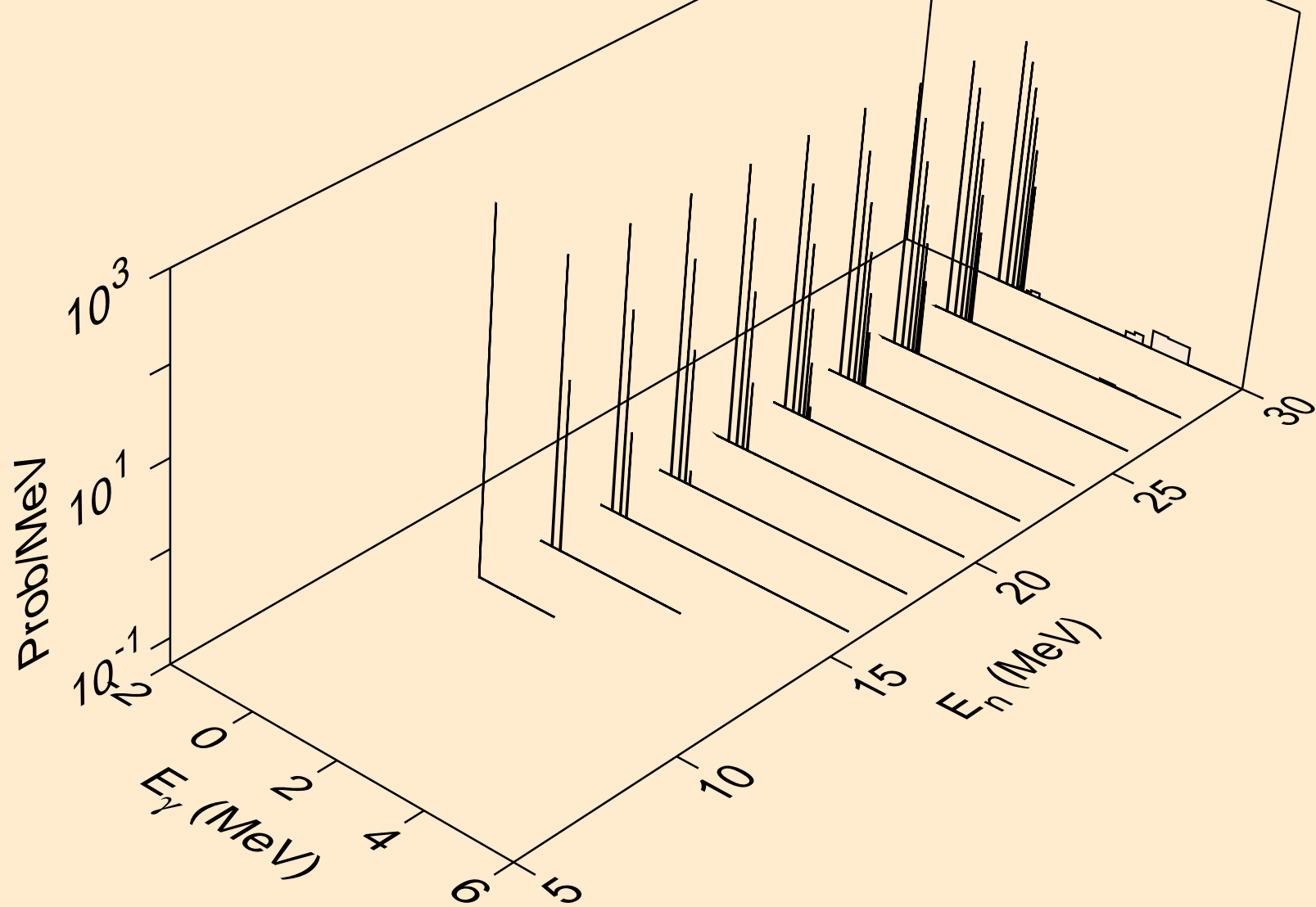
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Photon emission for (n,n\*)d



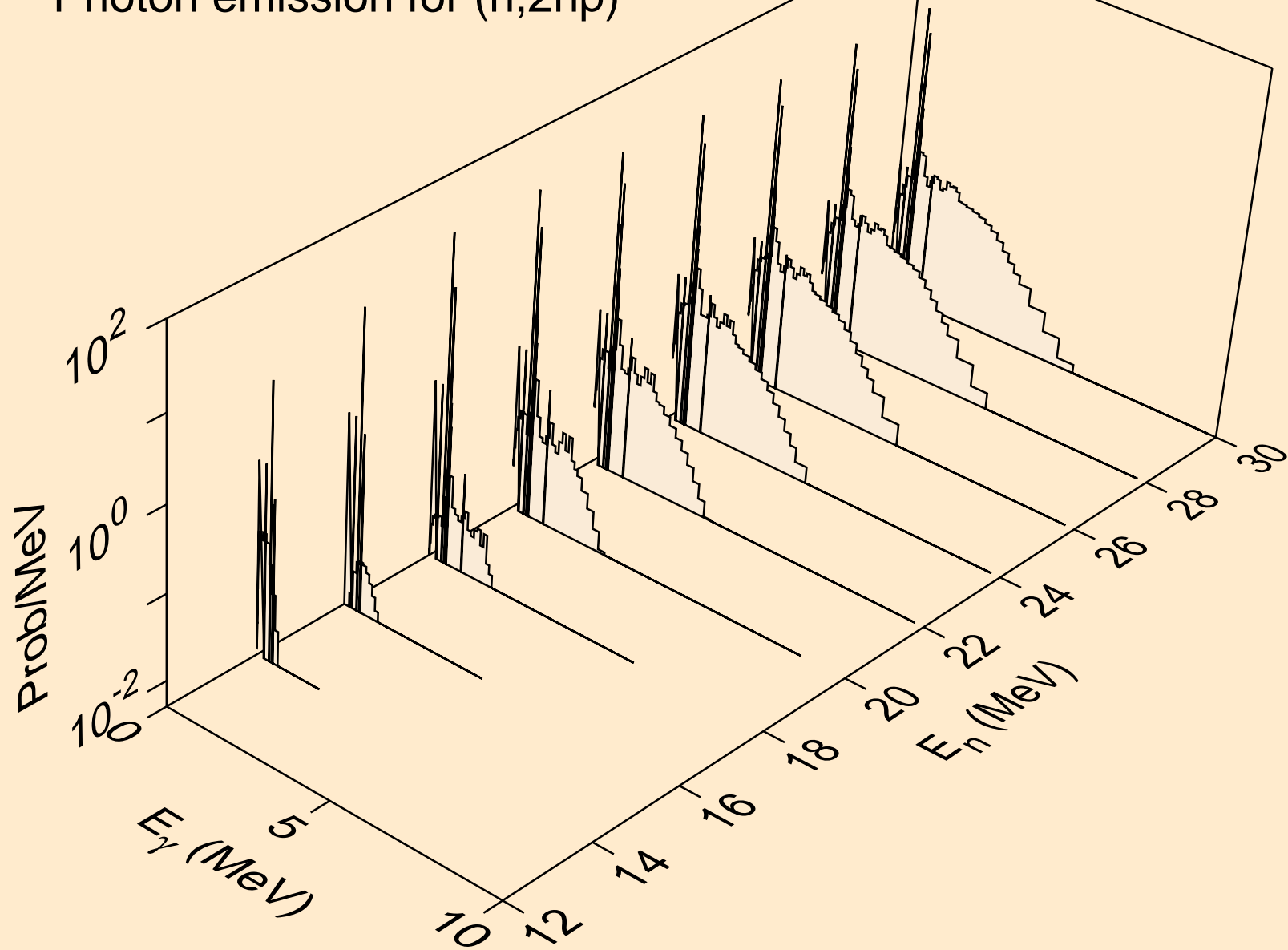
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Photon emission for (n,n\*)t



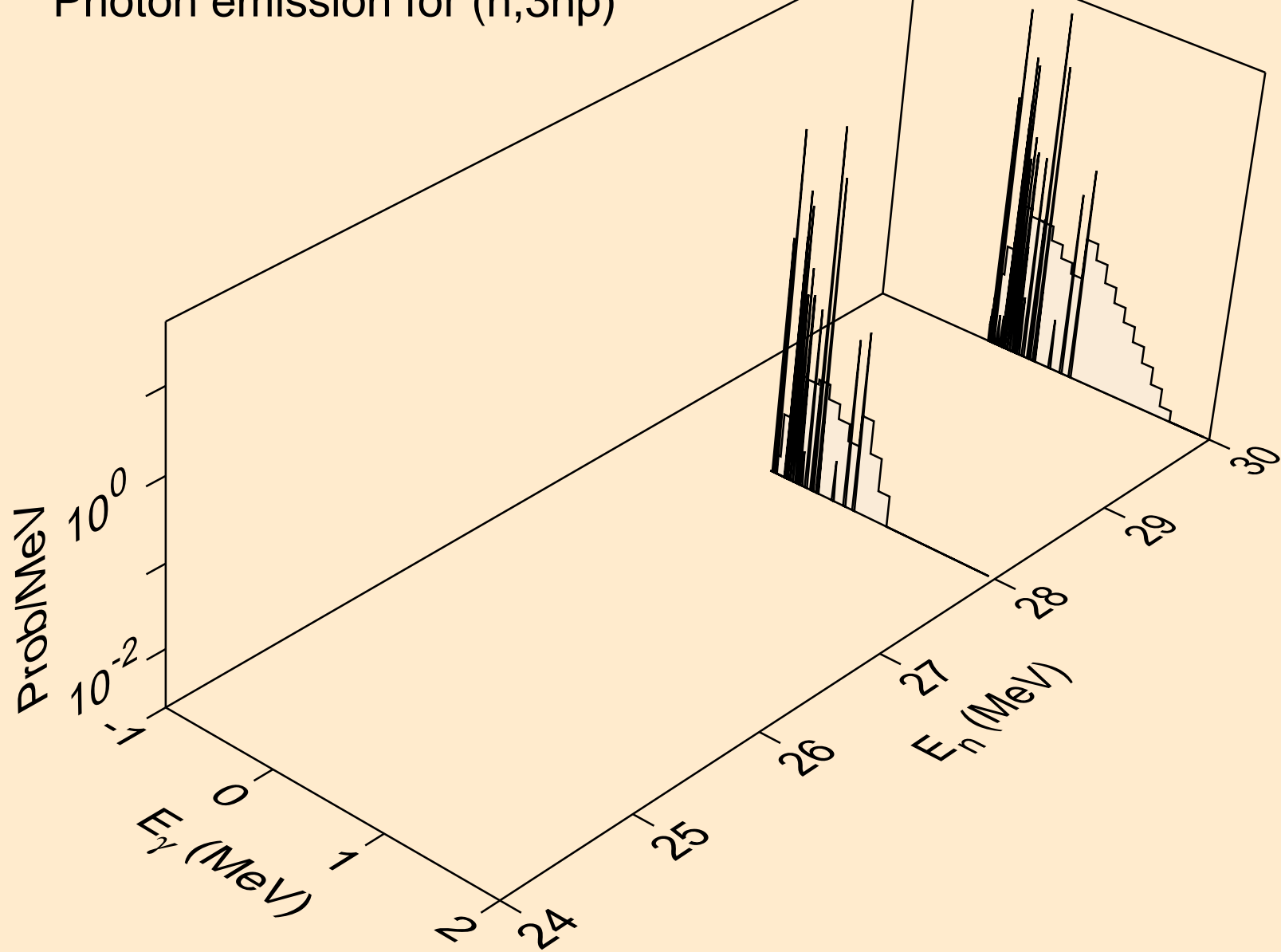
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Photon emission for (n,n\*)he3



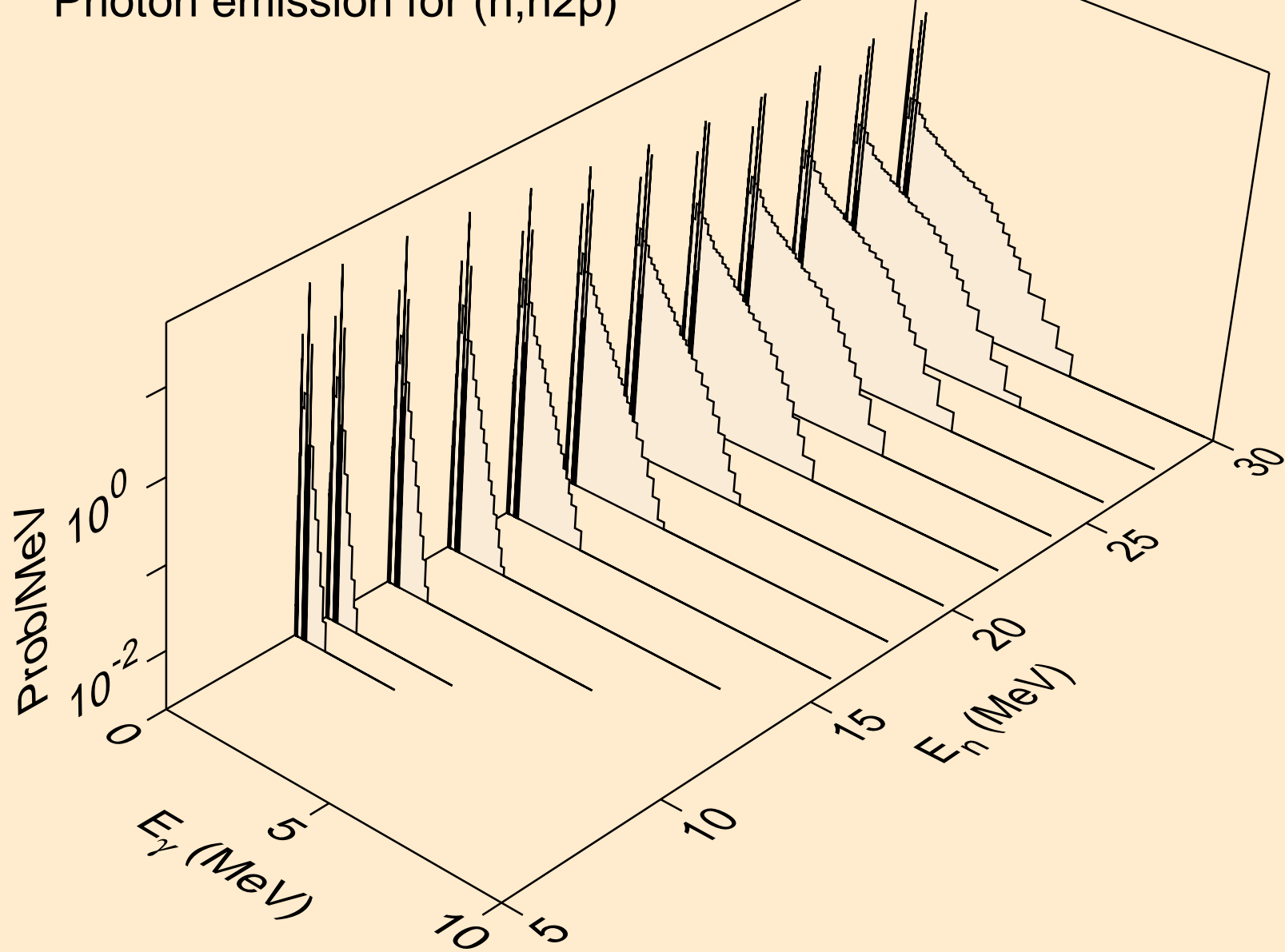
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Photon emission for (n,2np)



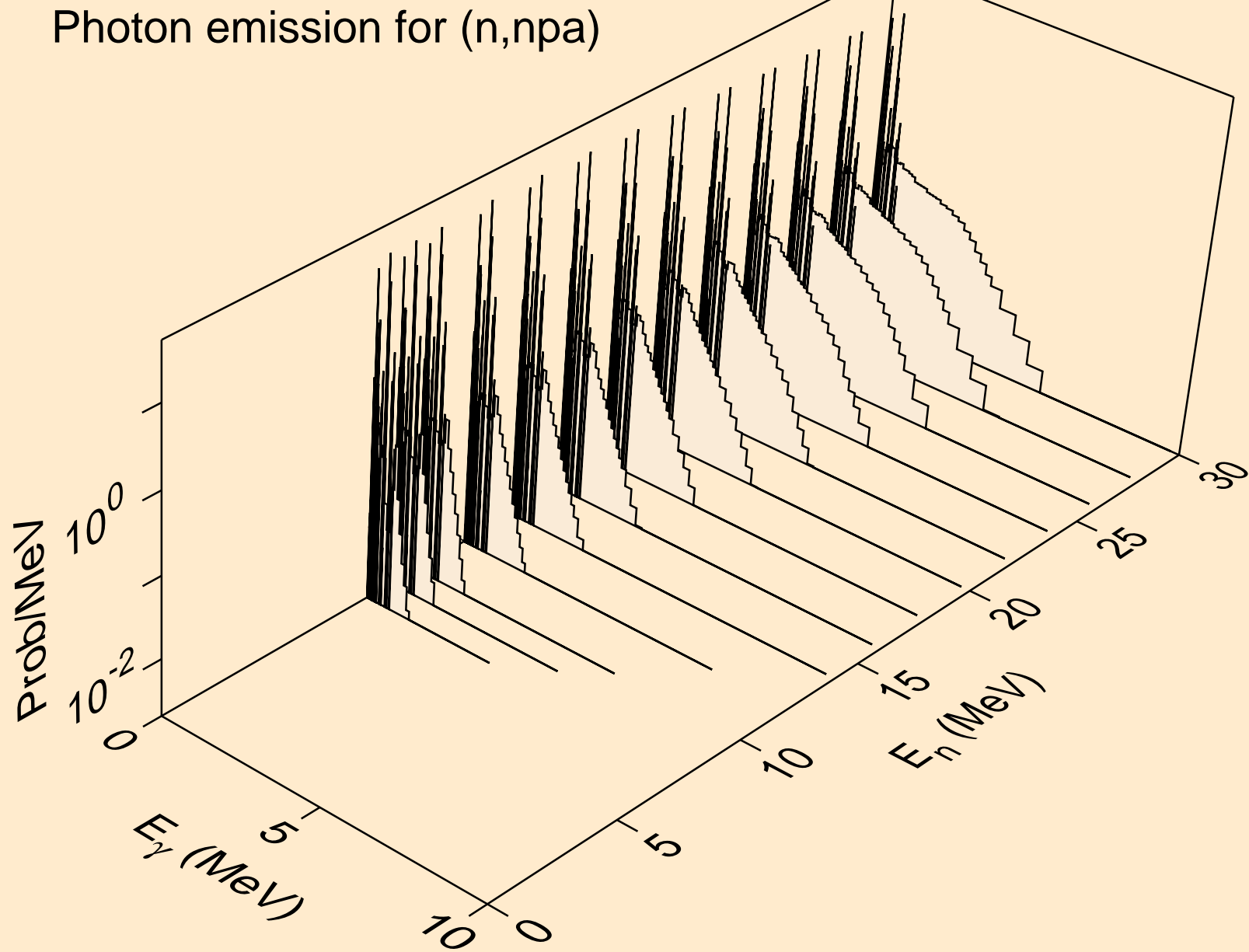
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

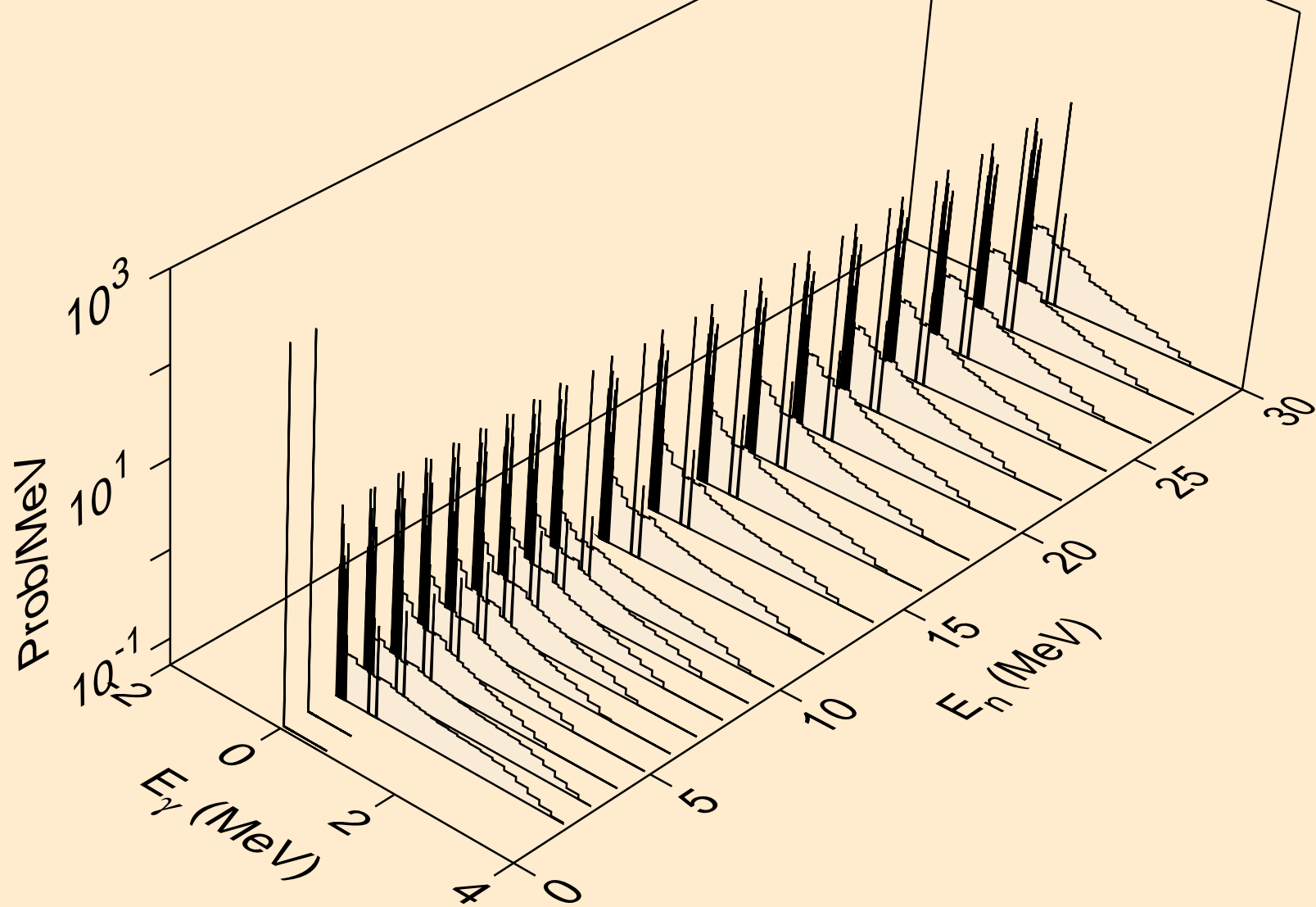


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Photon emission for (n,npa)

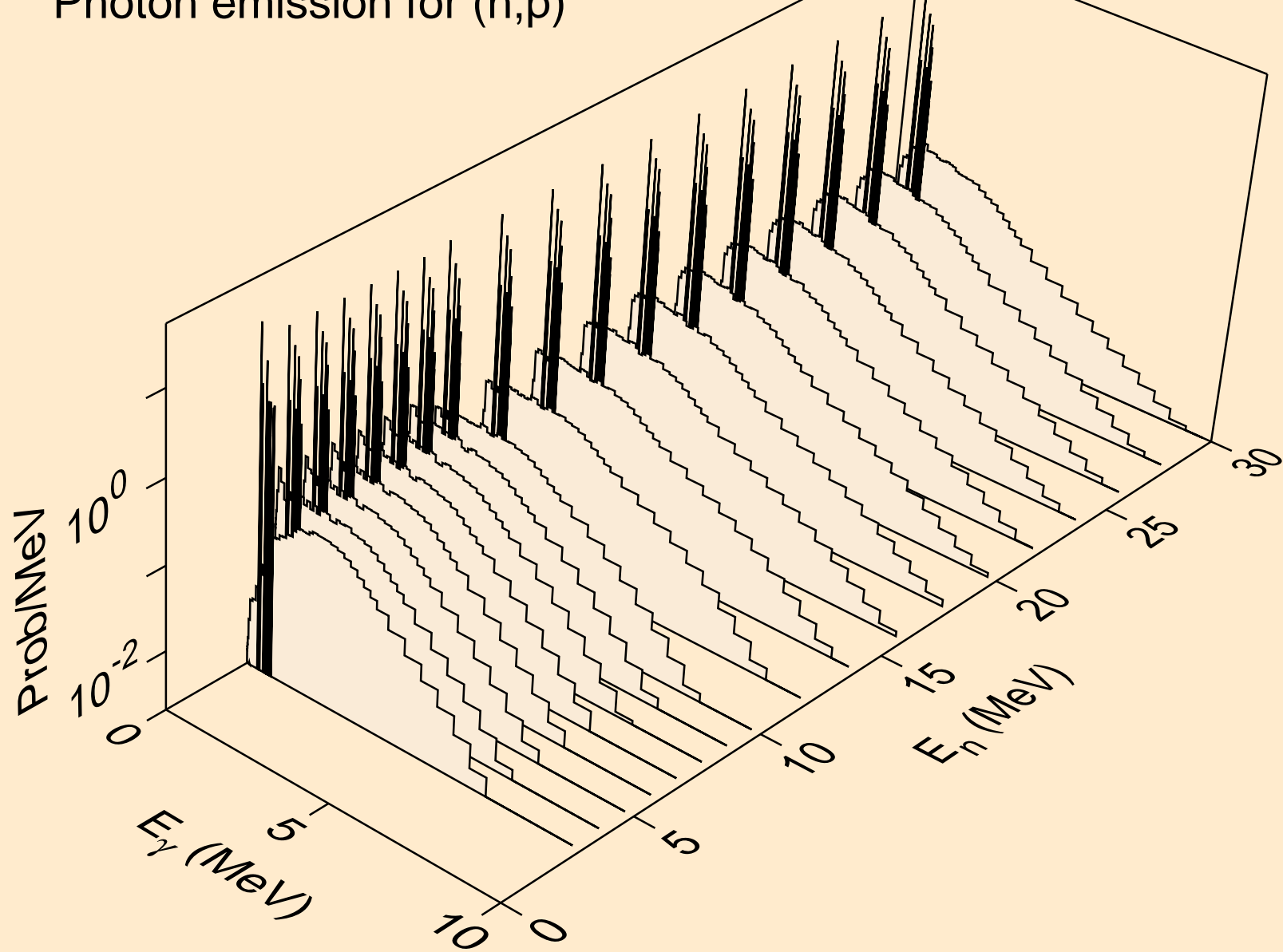




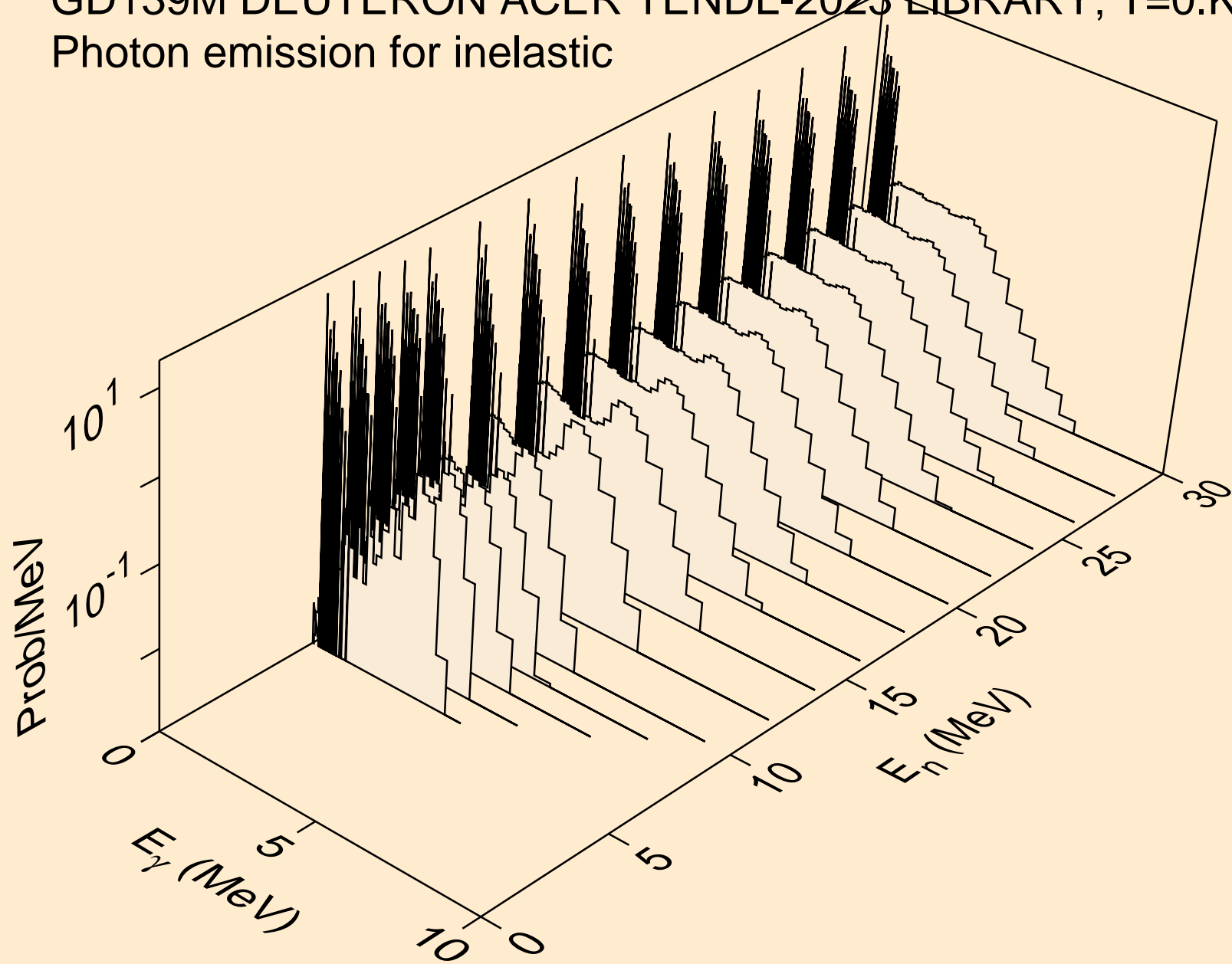
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Photon emission for (n,gma)



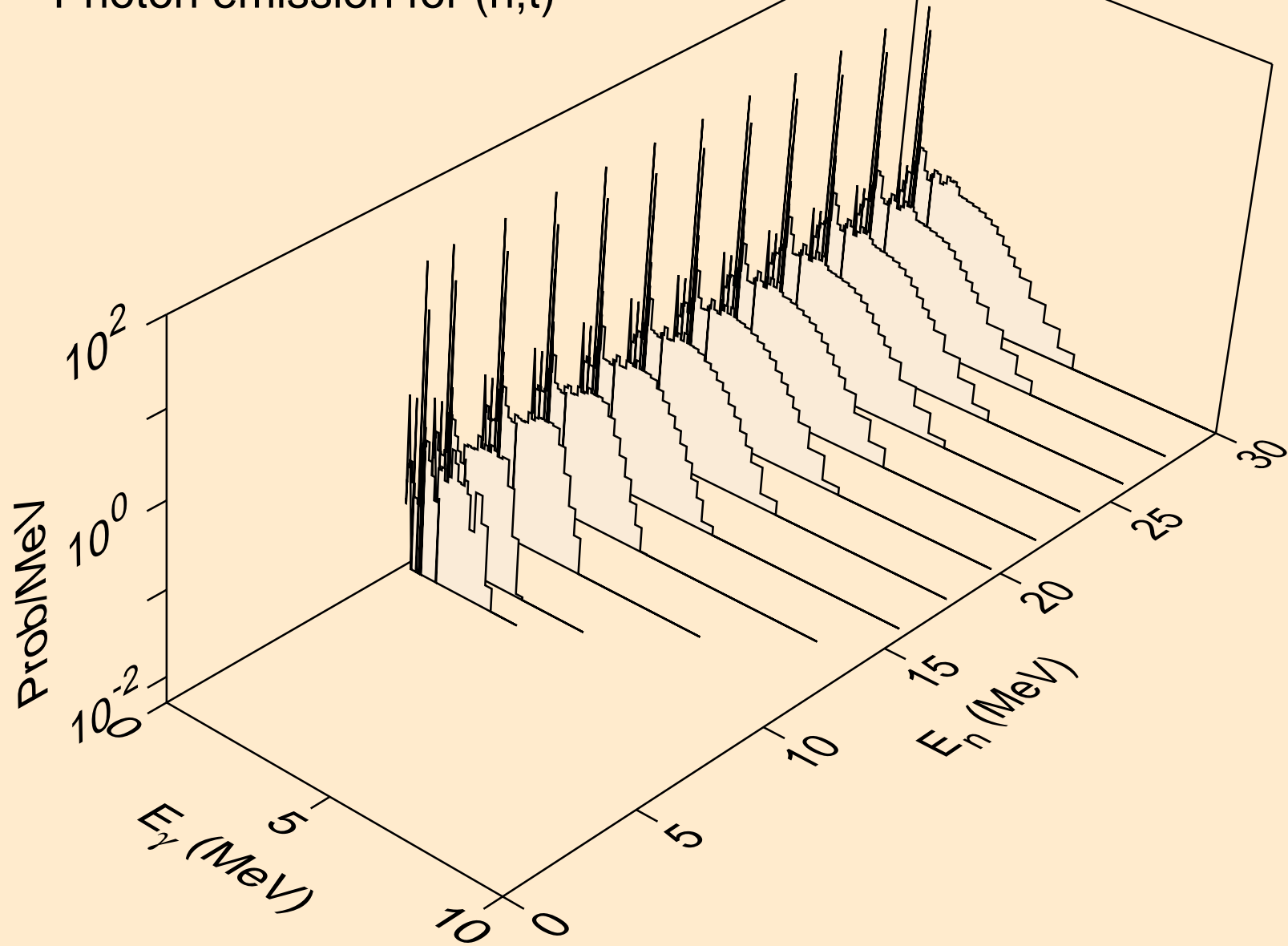
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Photon emission for (n,p)



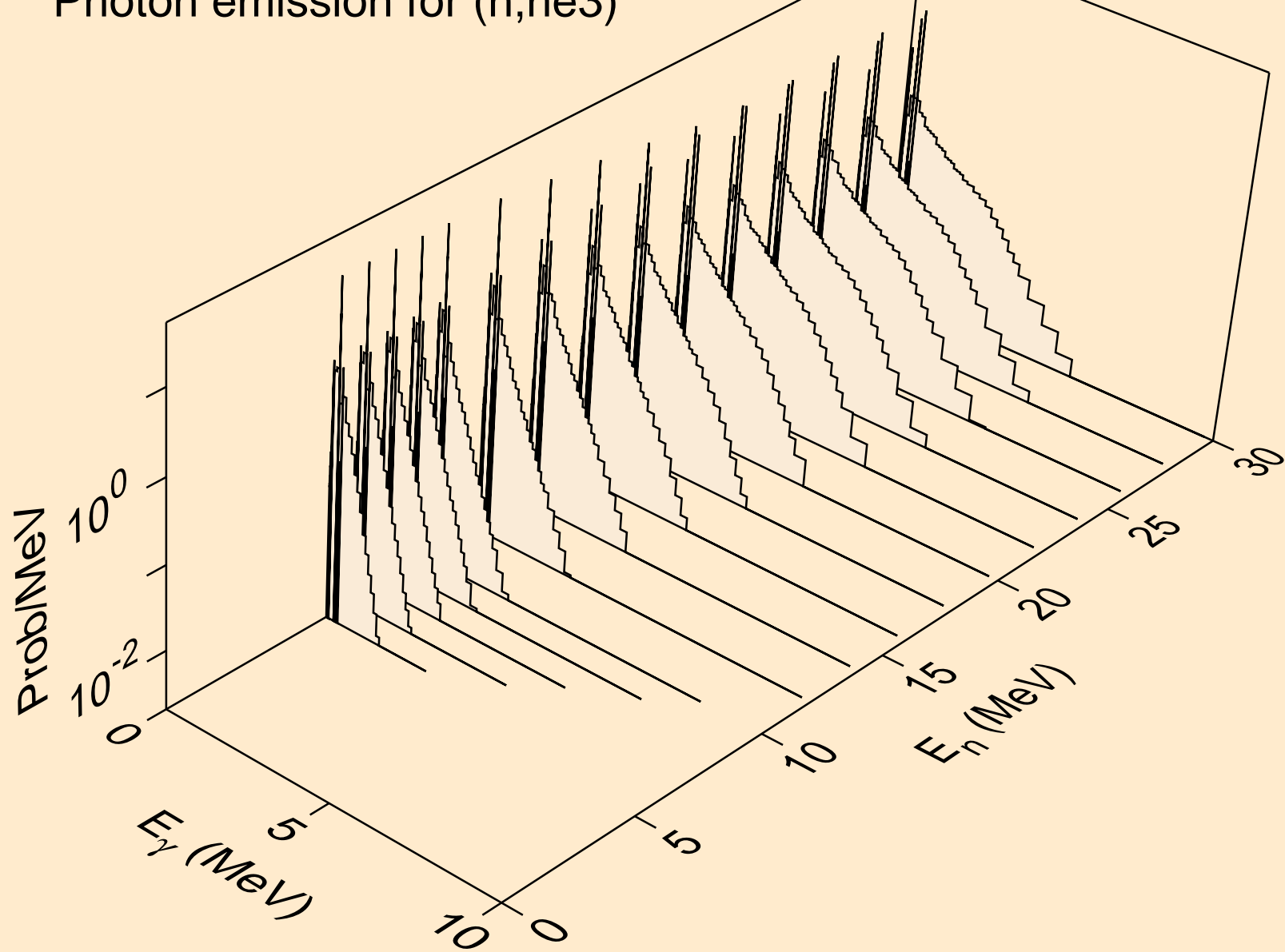
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Photon emission for inelastic



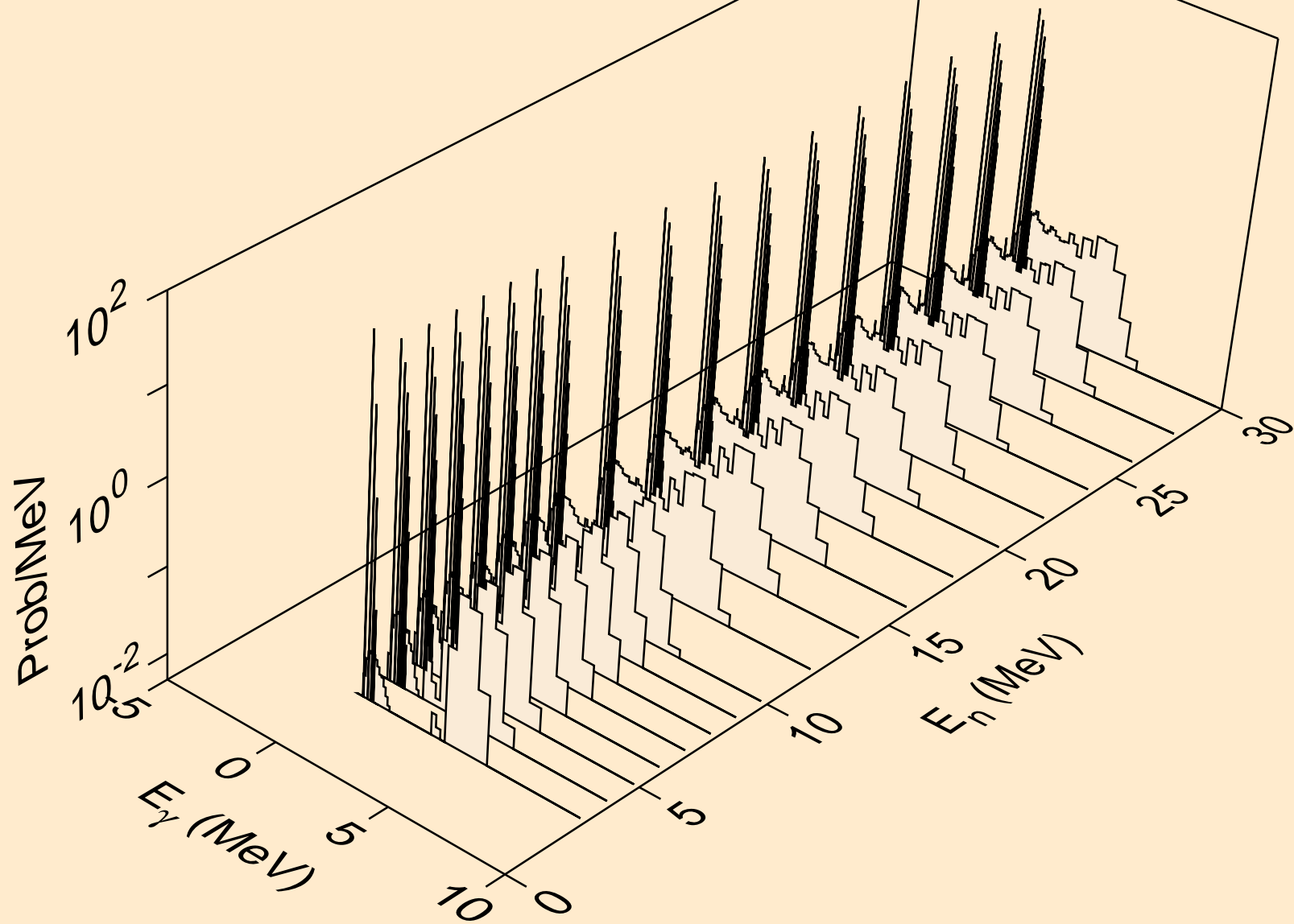
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Photon emission for (n,t)



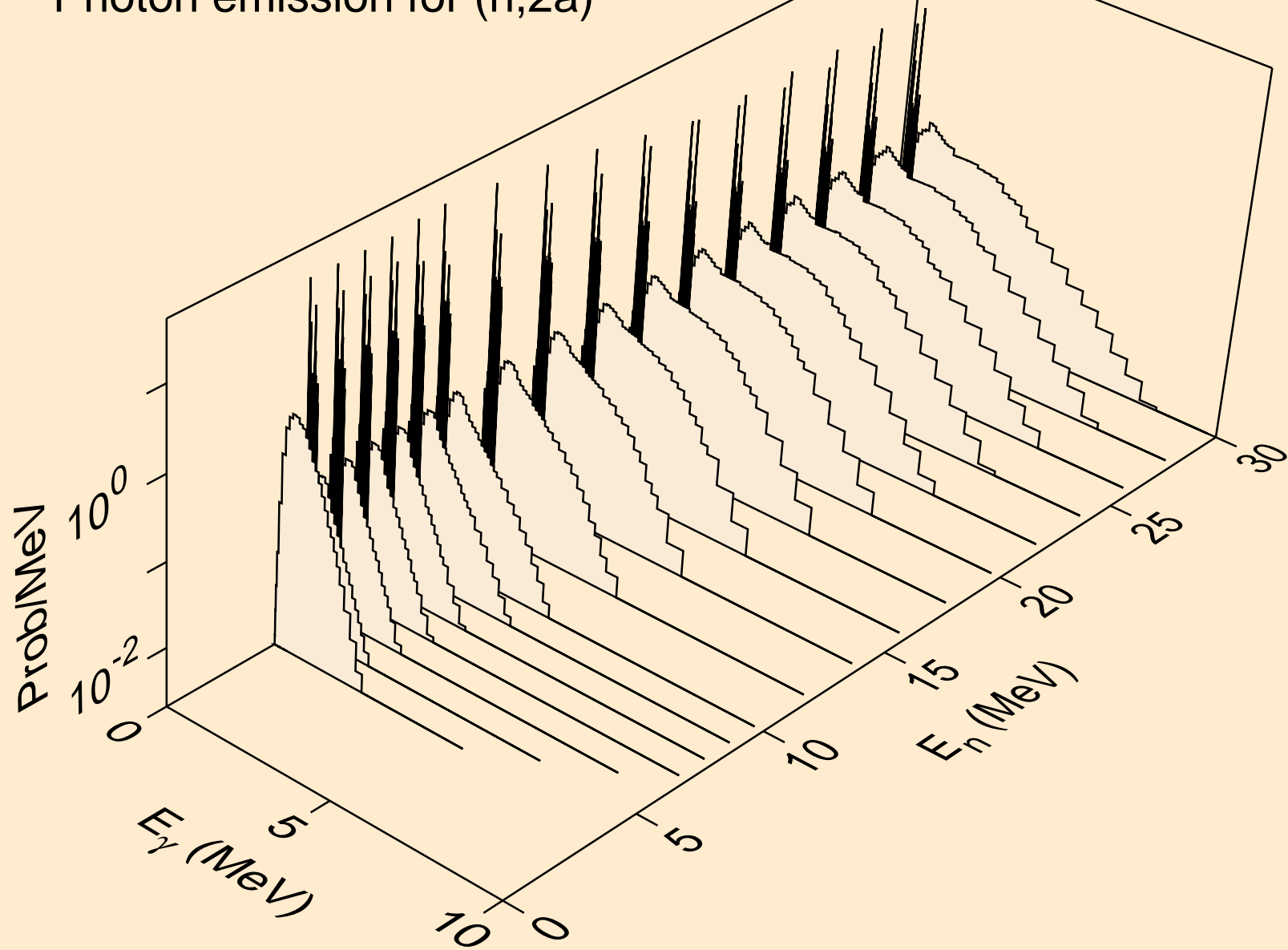
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Photon emission for (n,he3)



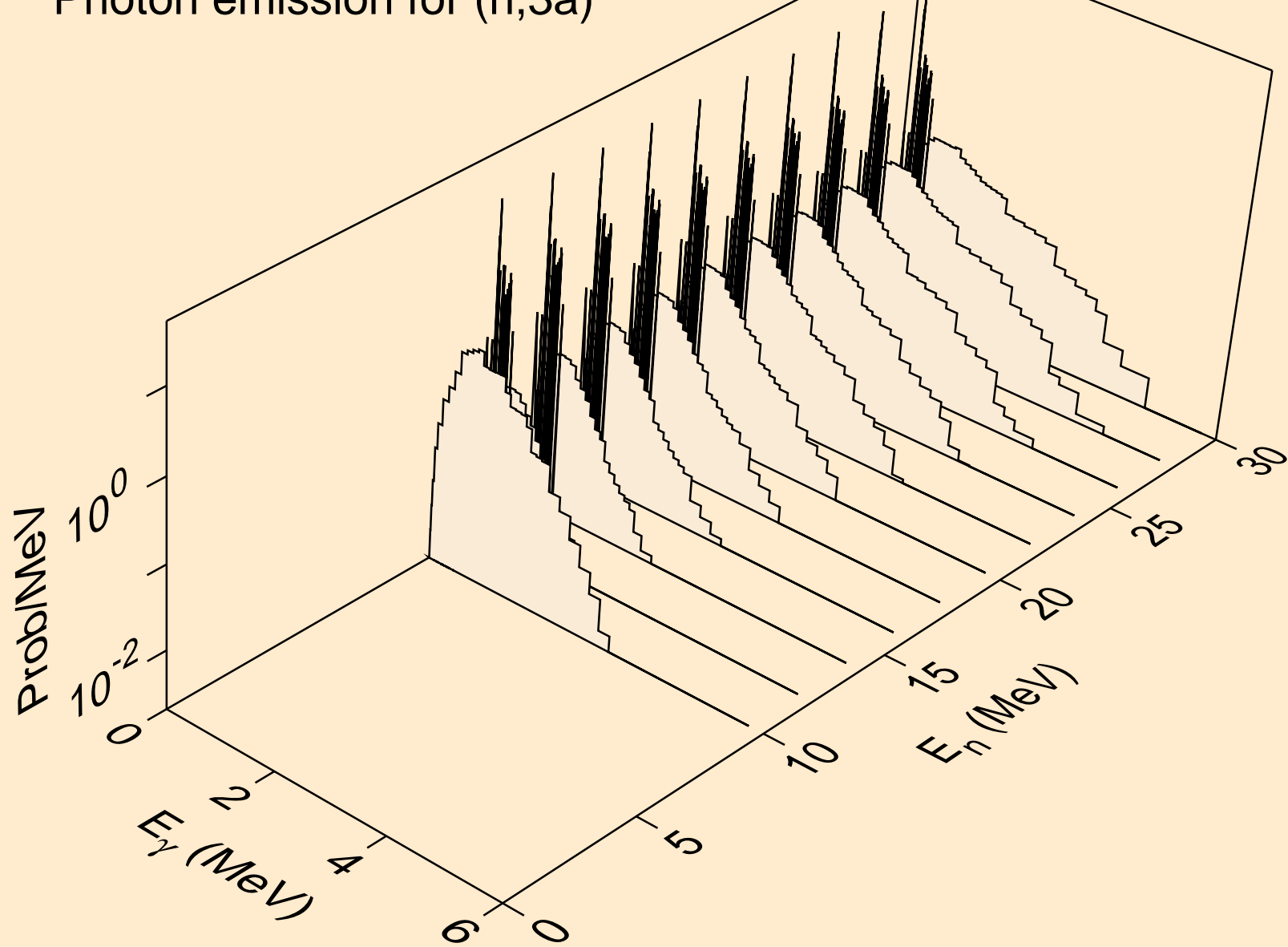
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

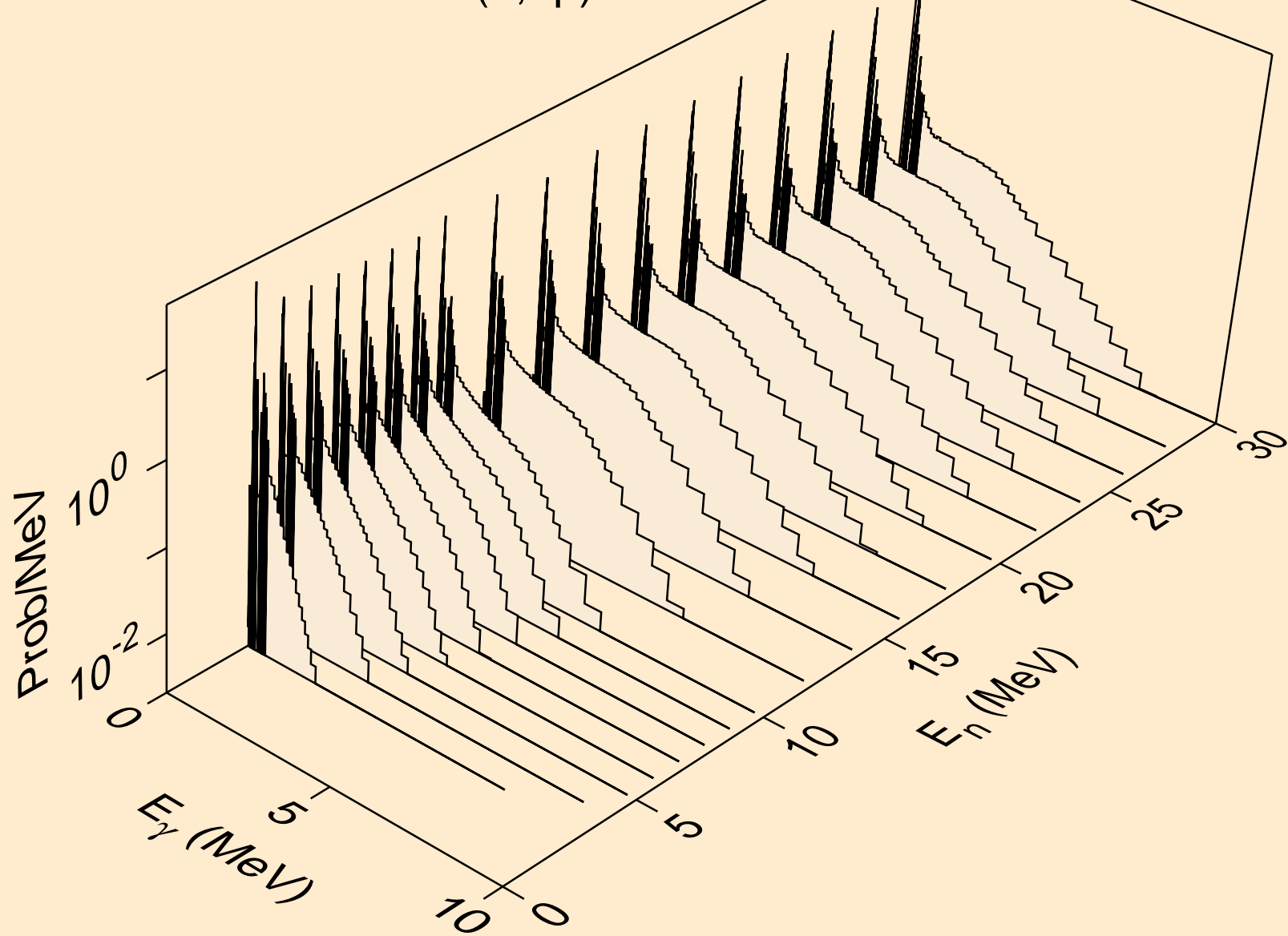


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Photon emission for (n,3a)

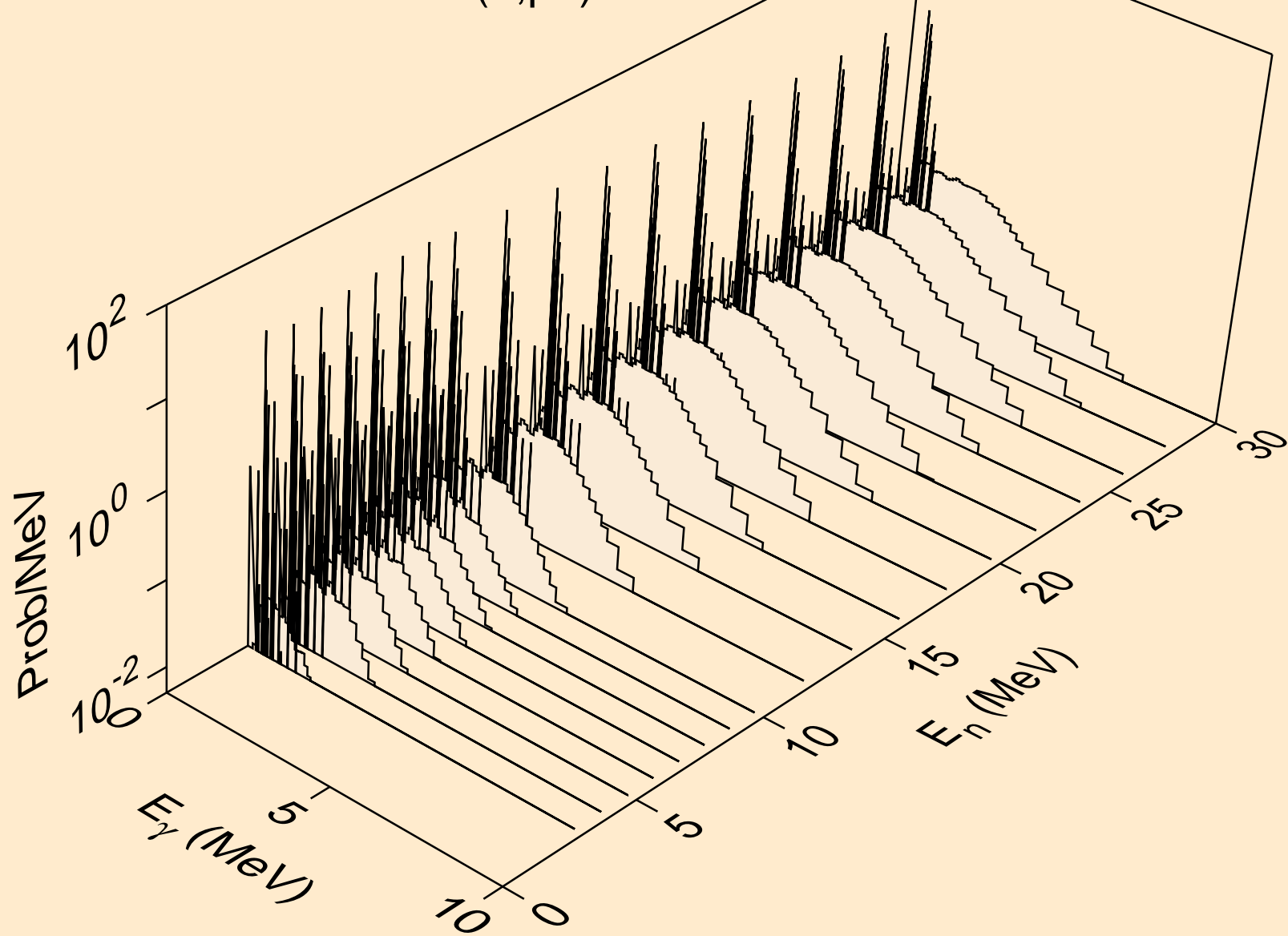




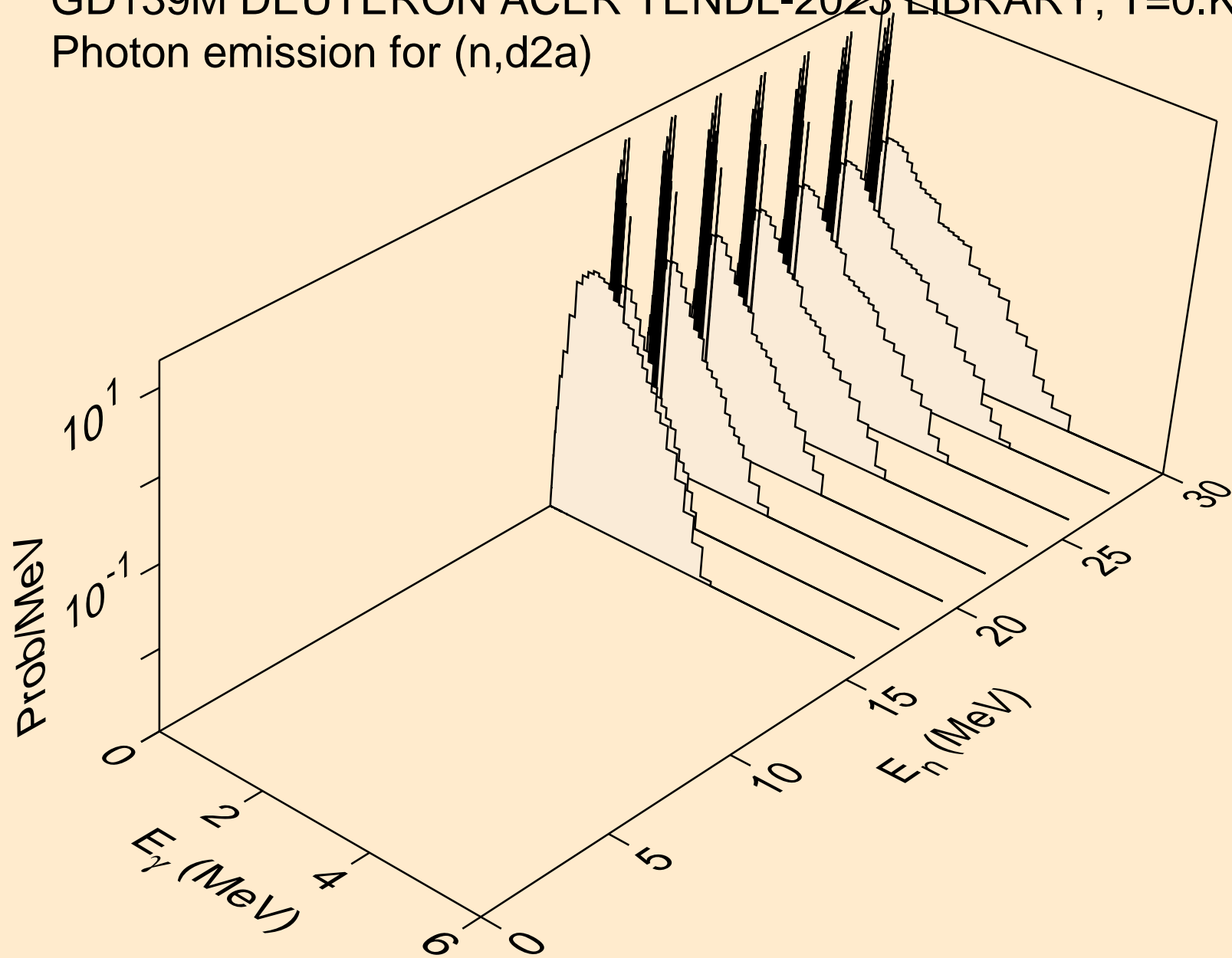
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Photon emission for (n,2p)



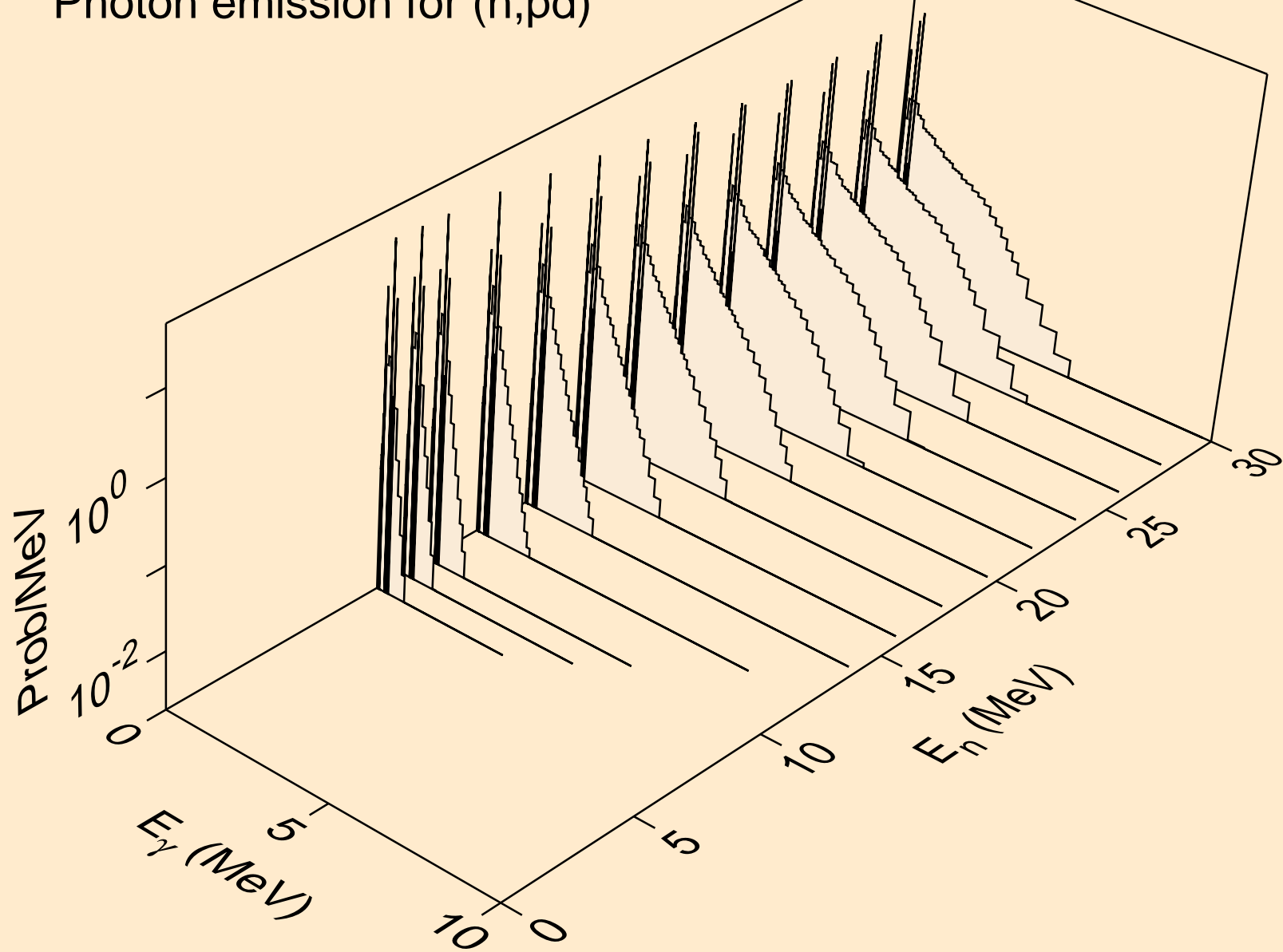
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Photon emission for (n,p)



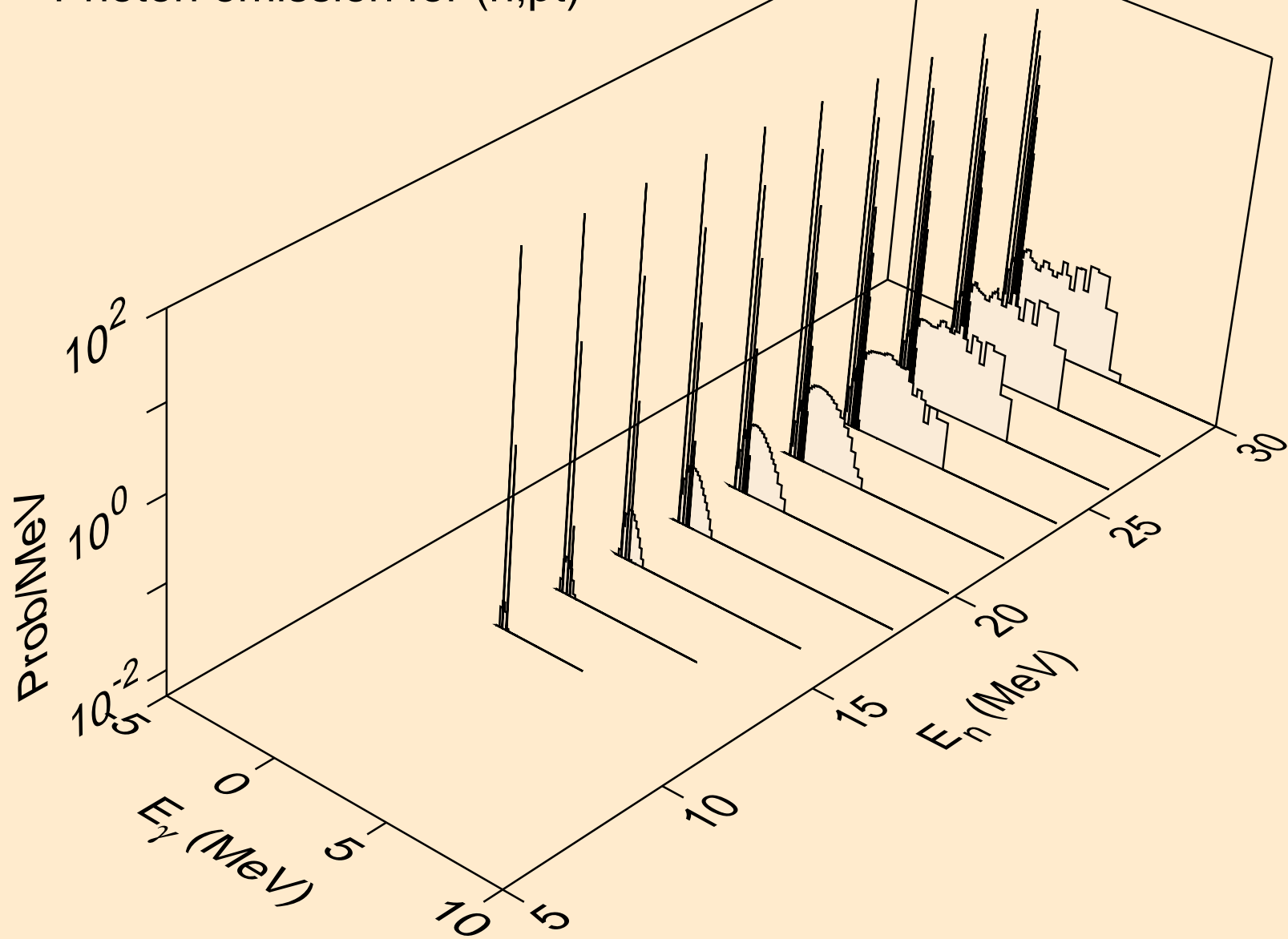
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Photon emission for (n,d2a)



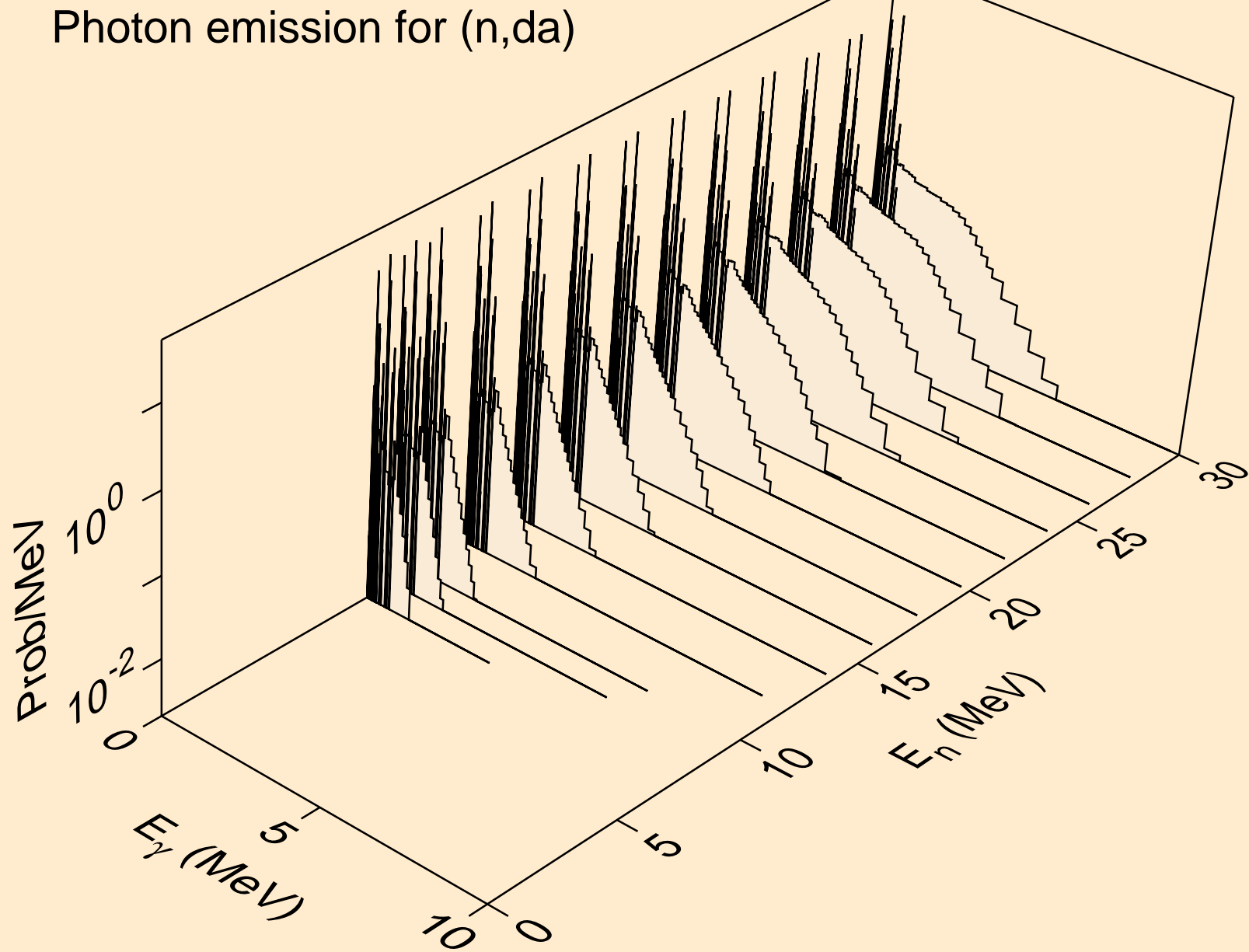
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

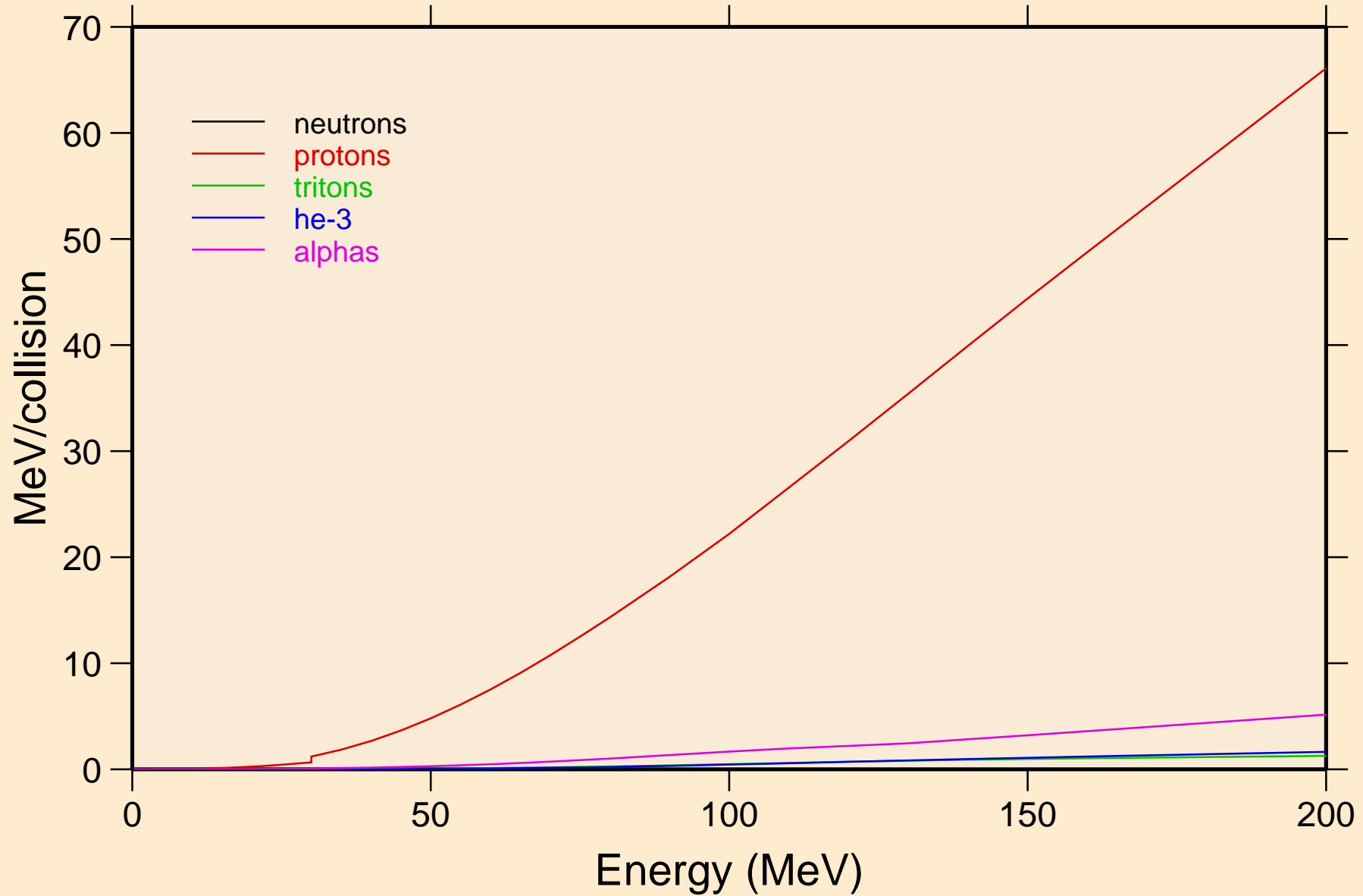


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Photon emission for (n,da)

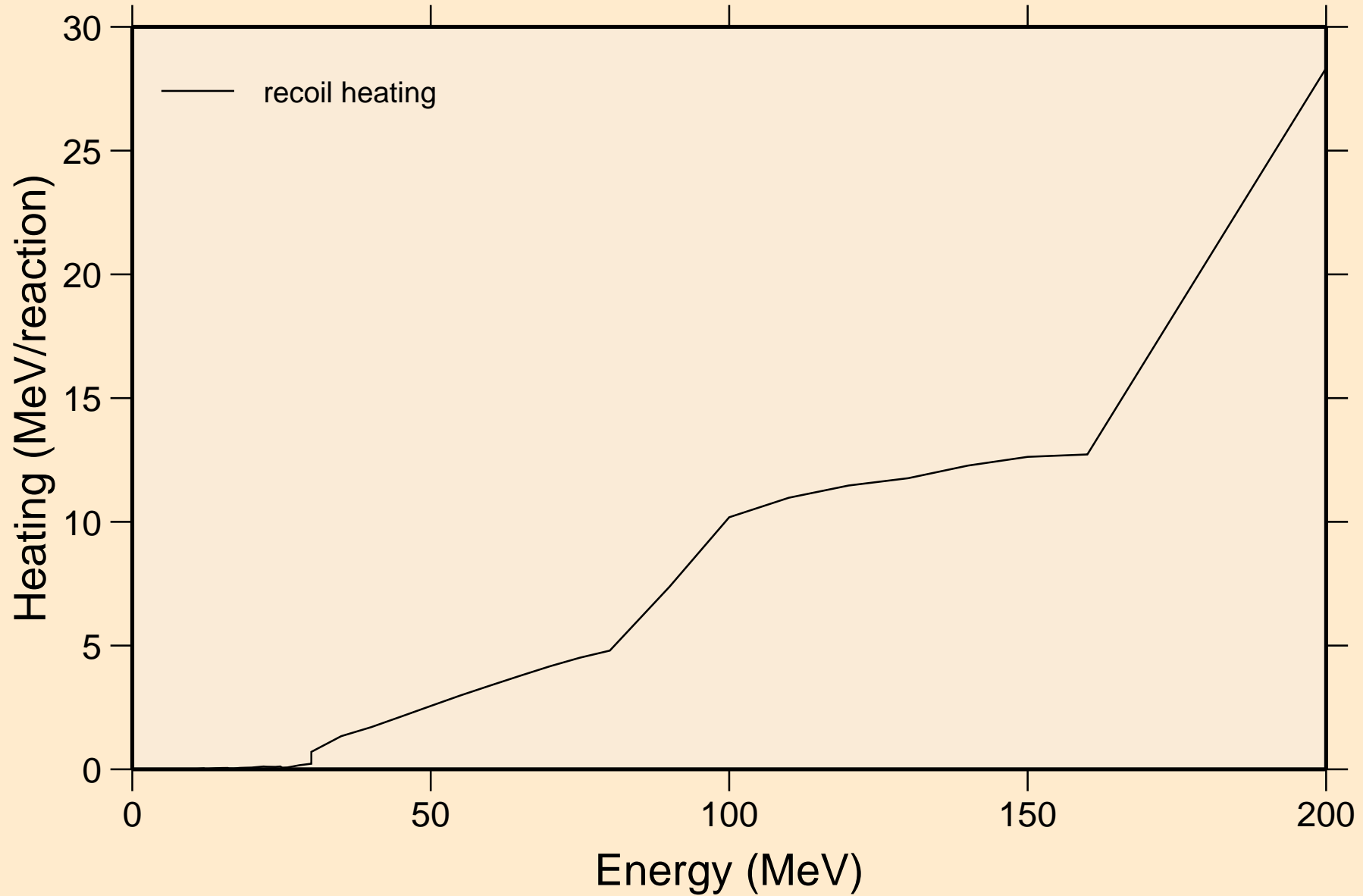


# GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

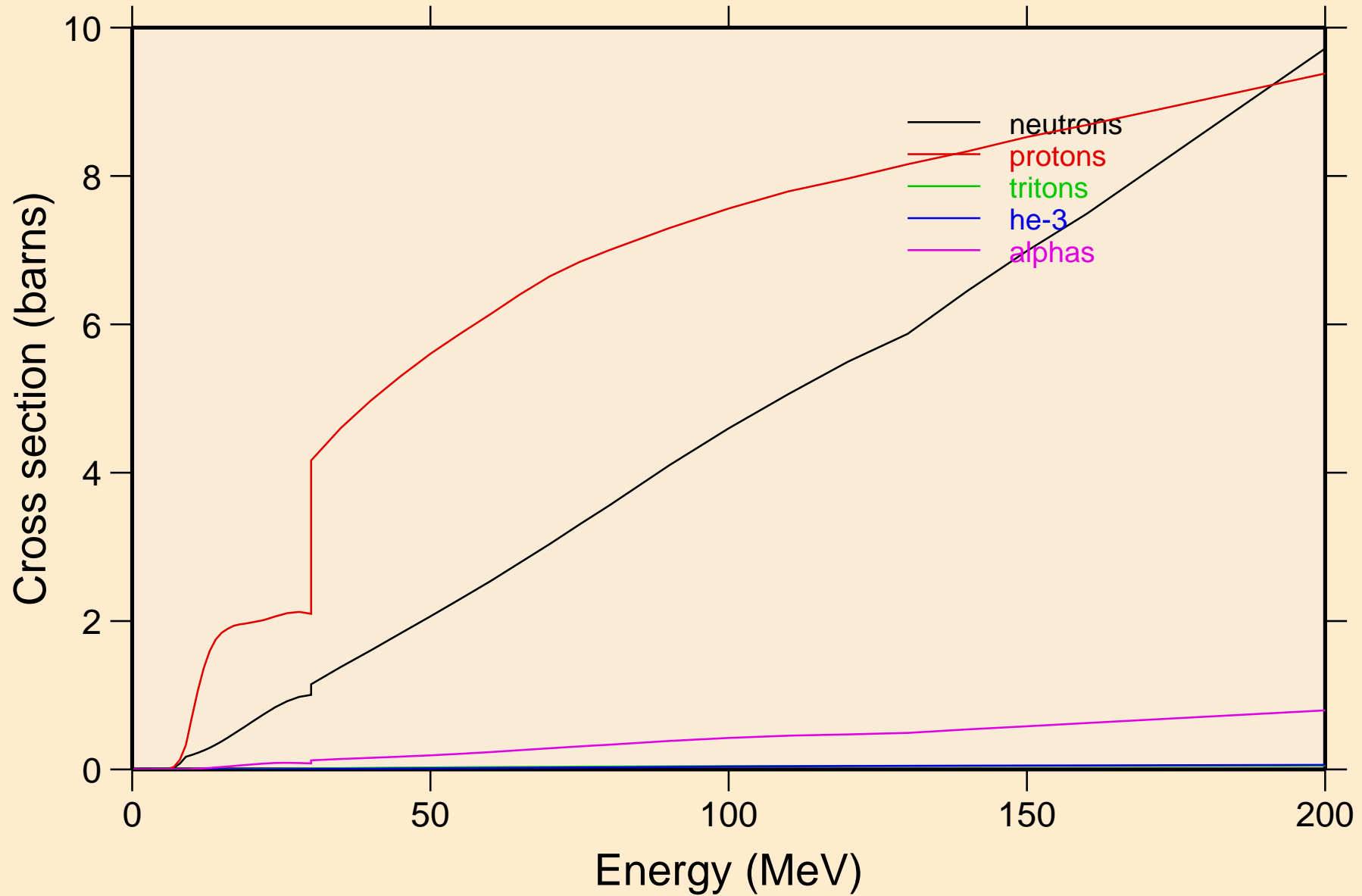


GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

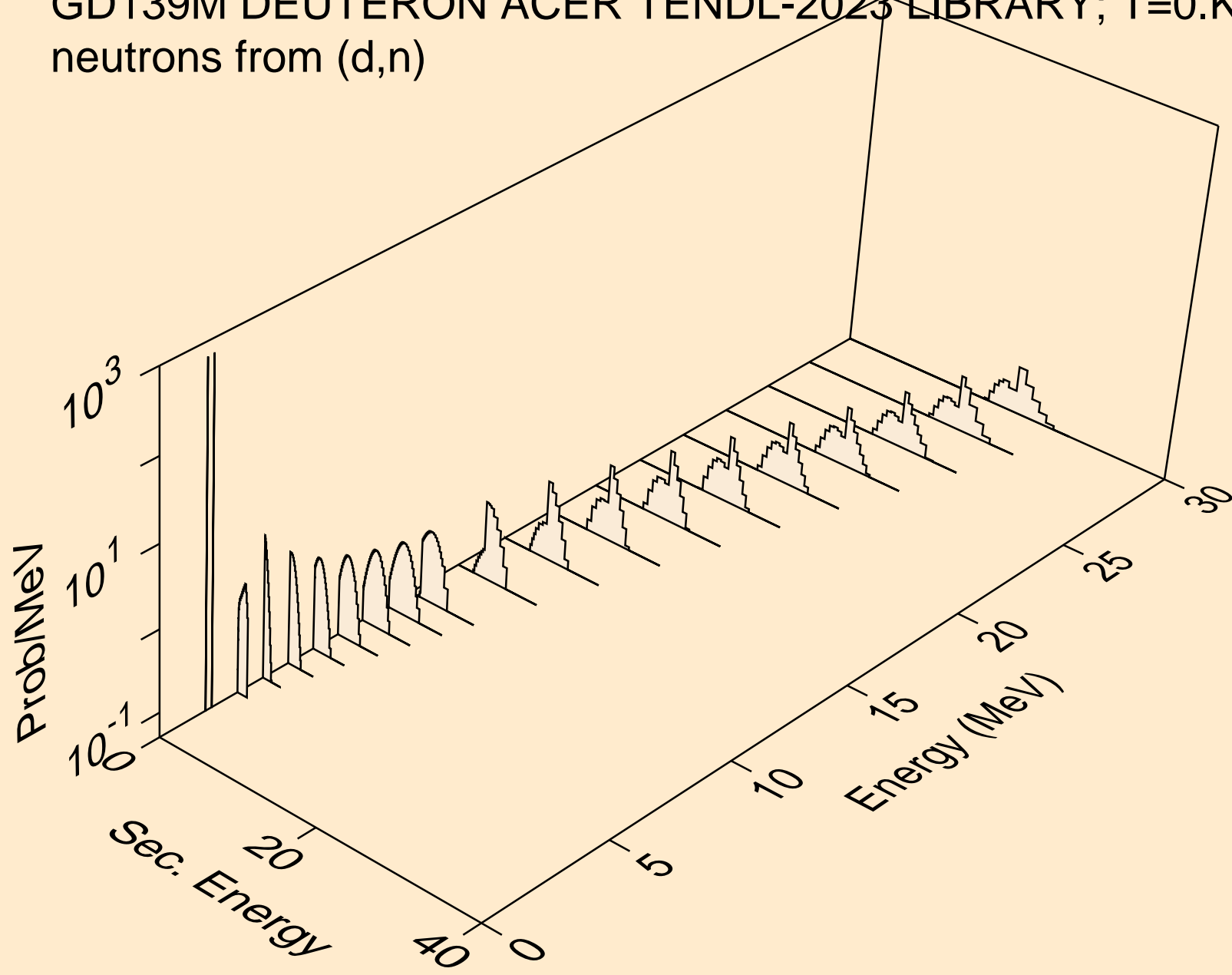




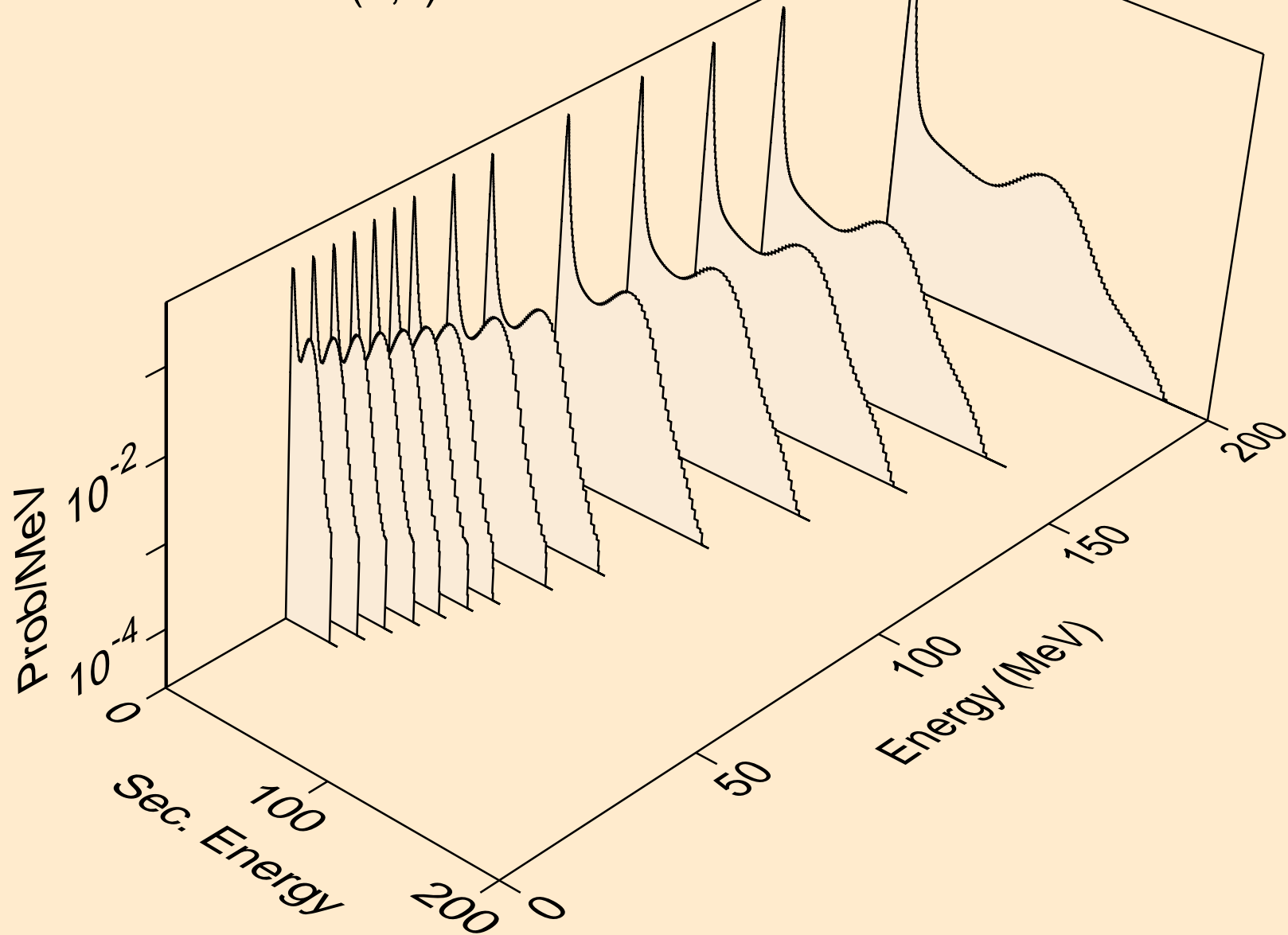
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Particle production cross sections



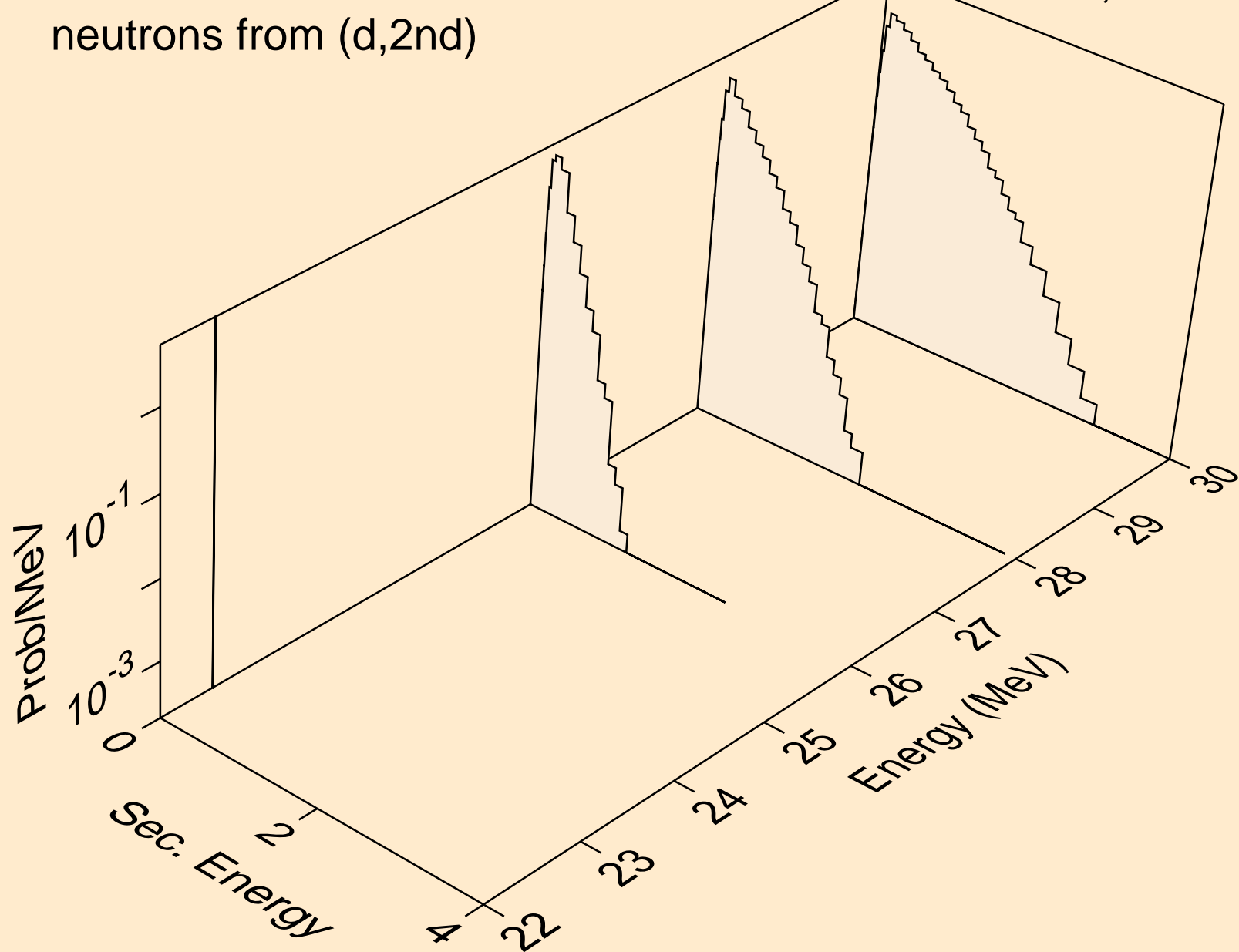
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n)



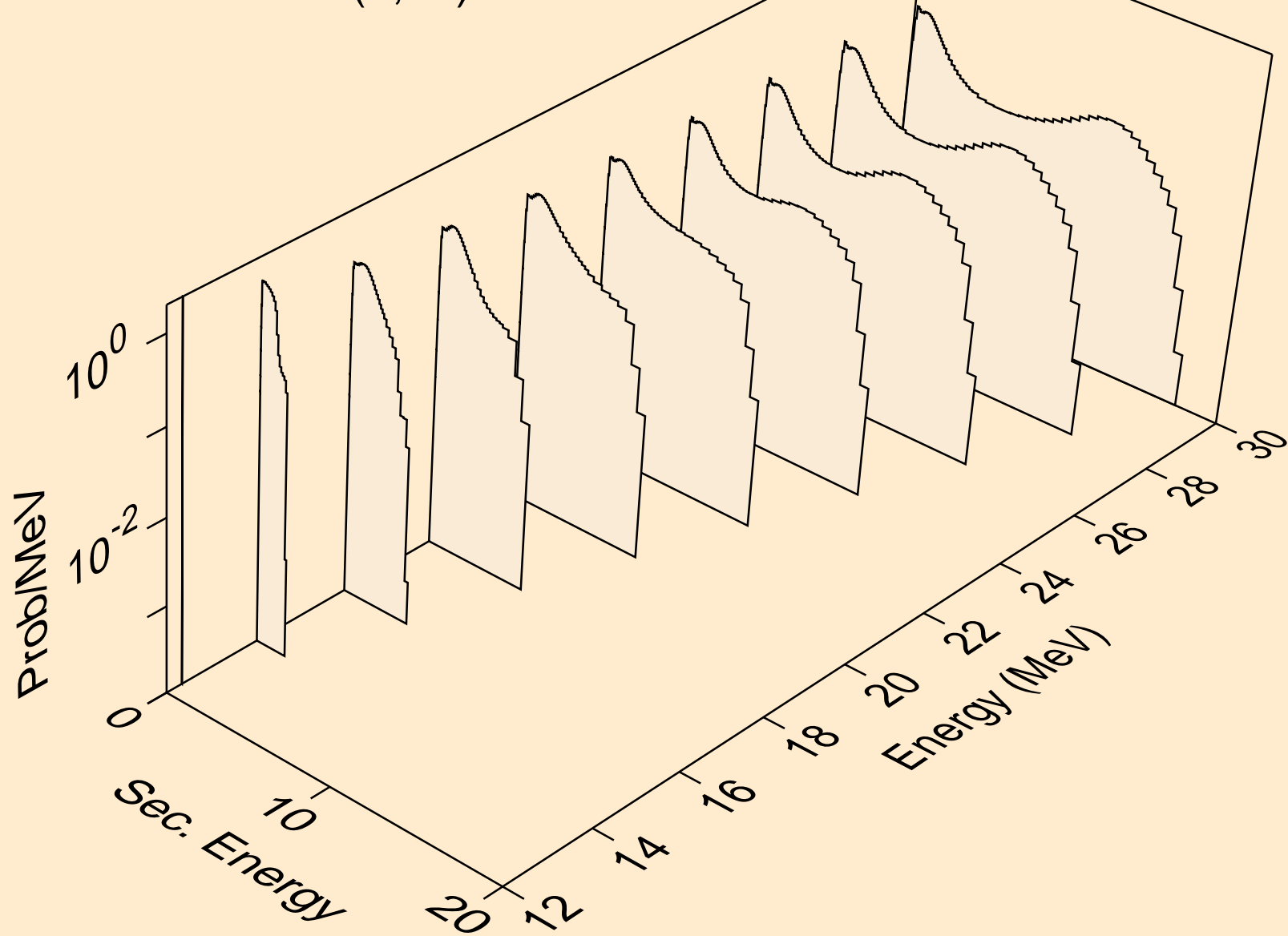
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neutrons from (d,x)



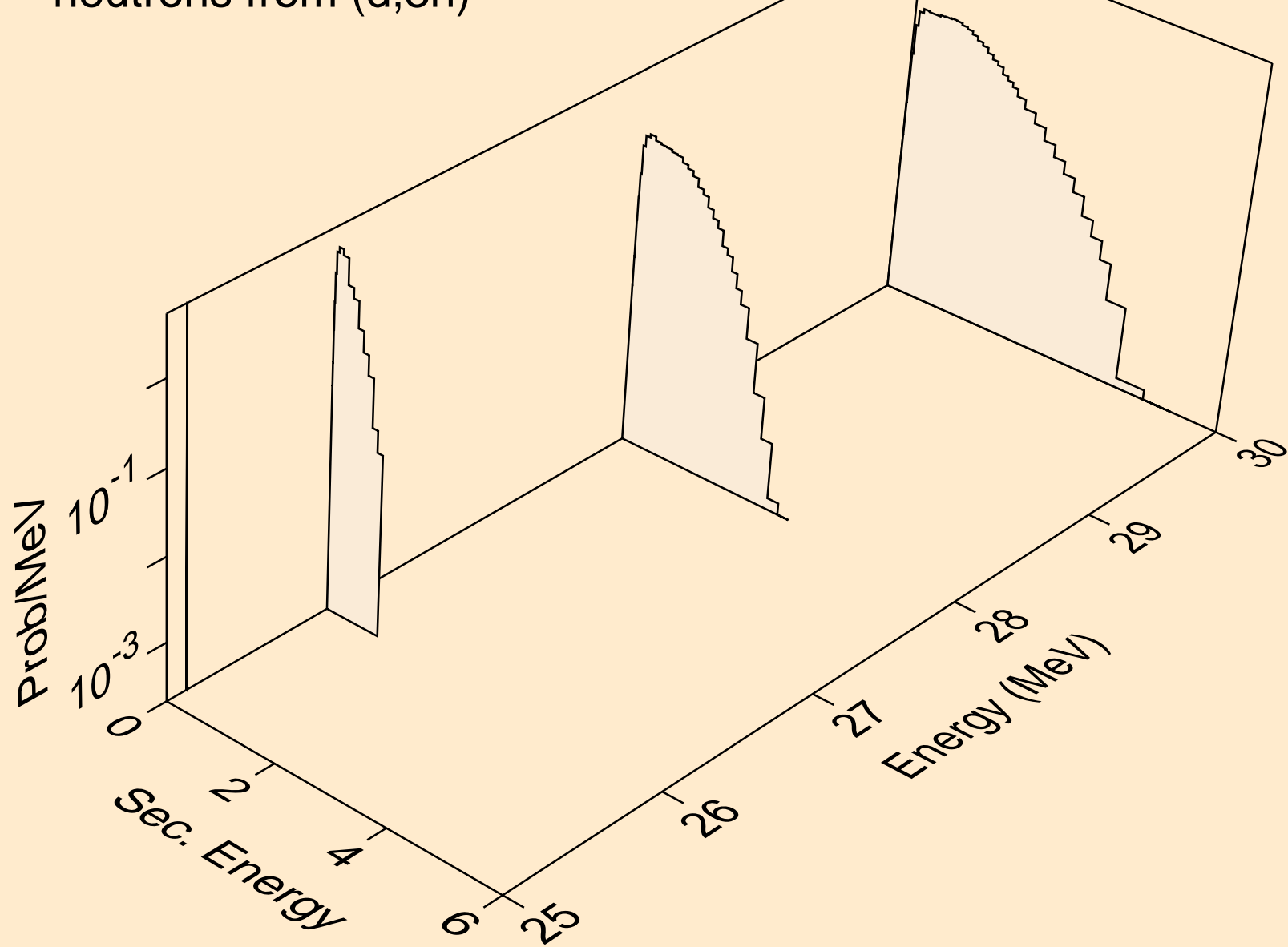
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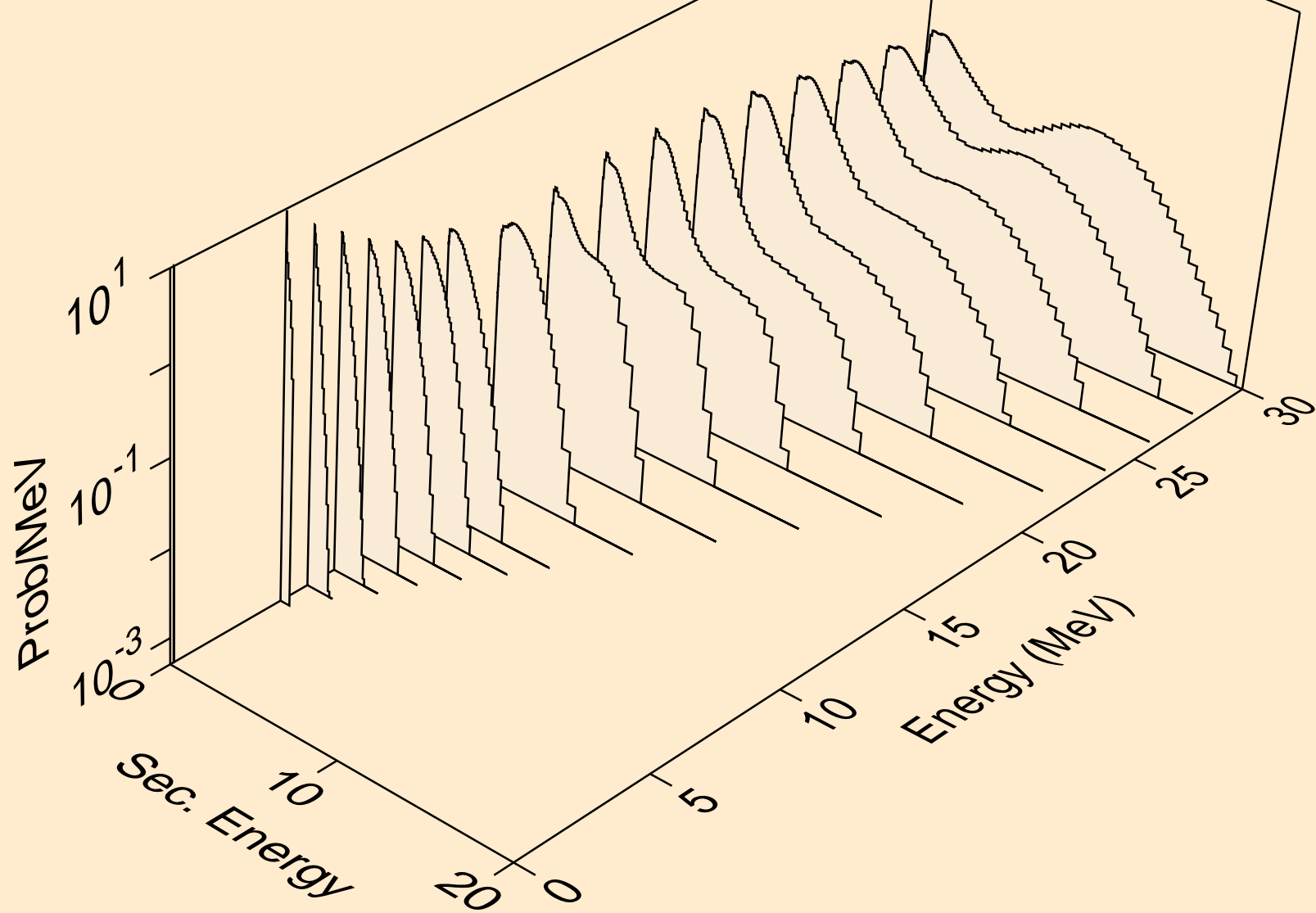
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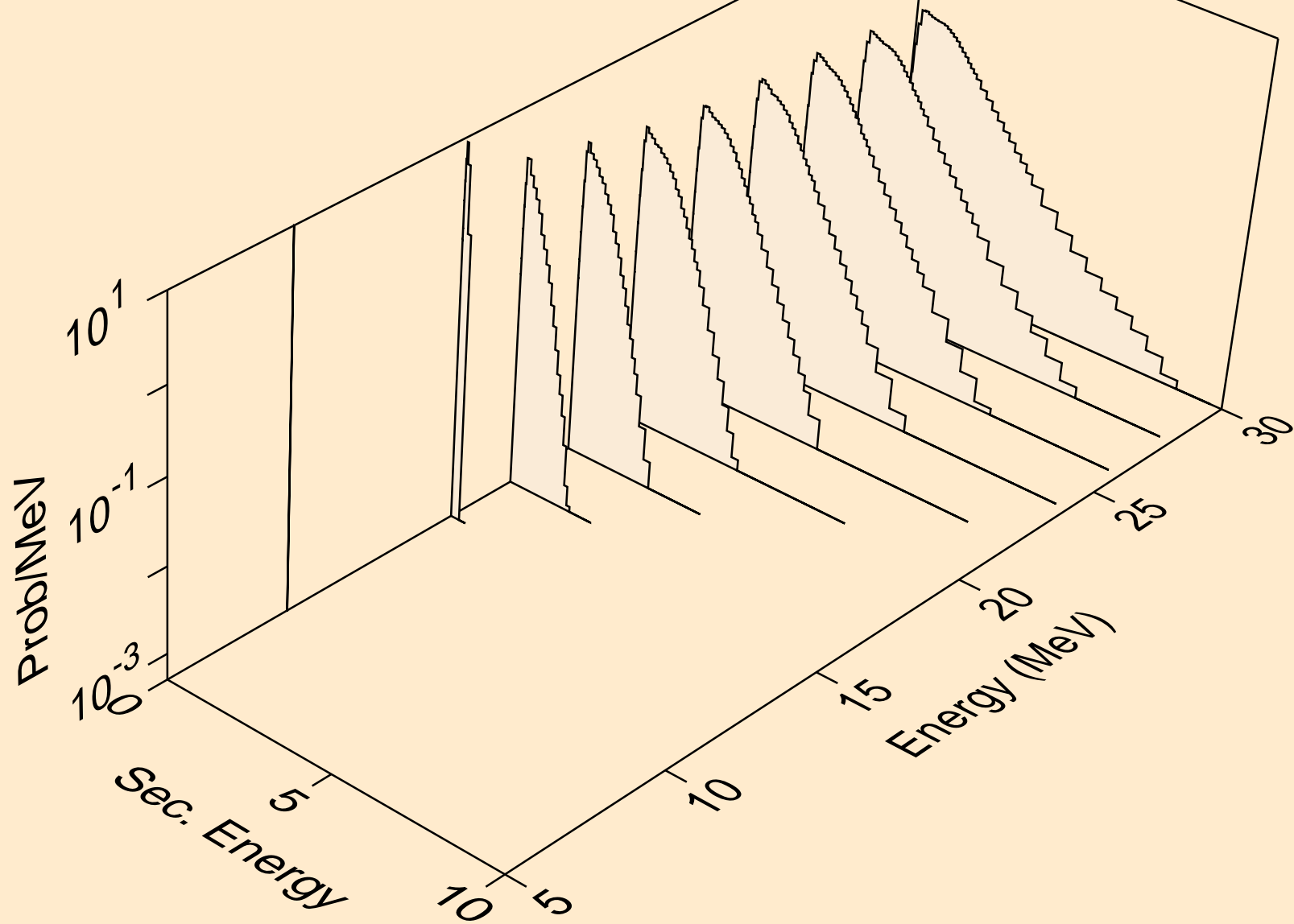
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neutrons from (d,3n)



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)a

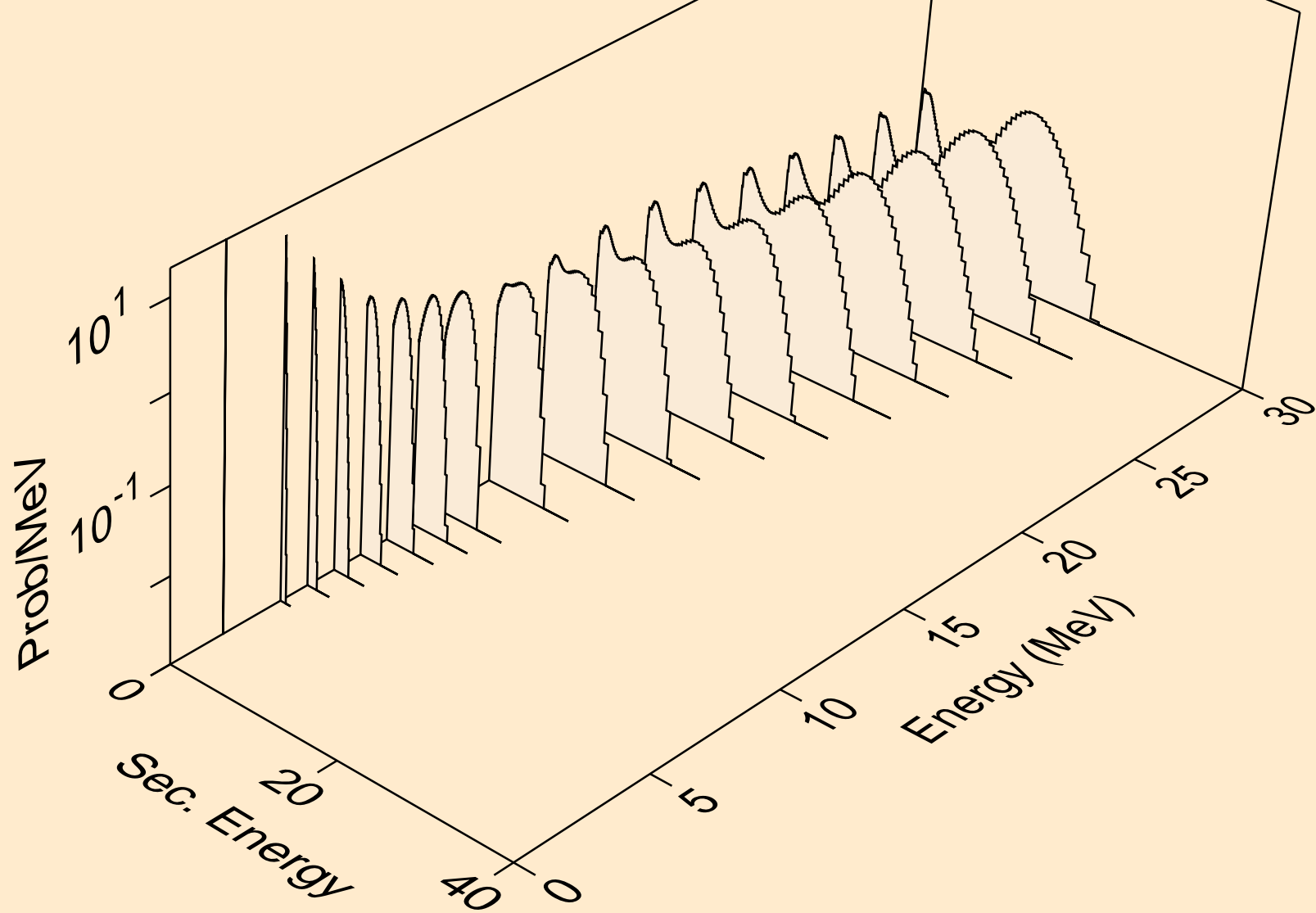


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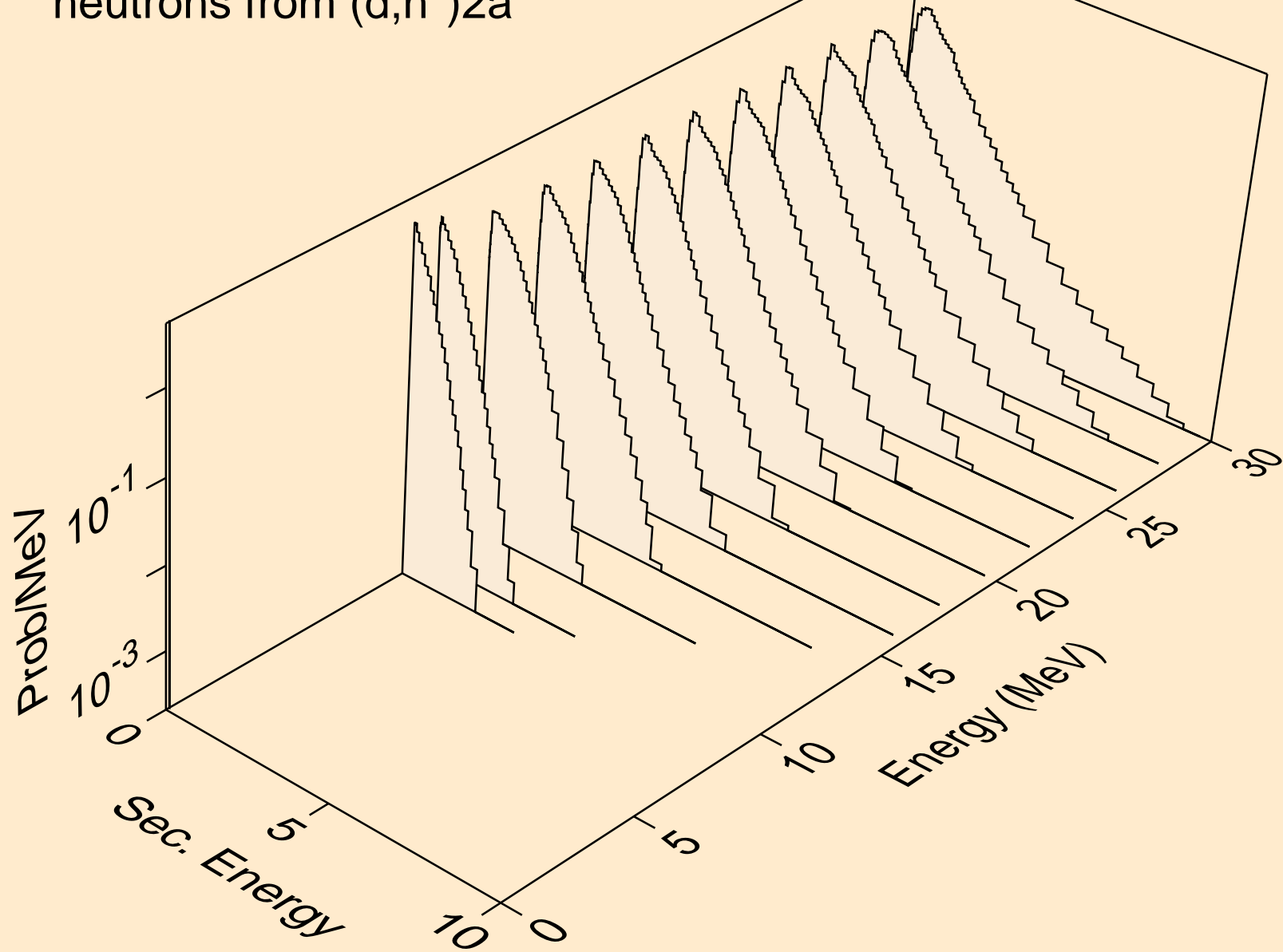




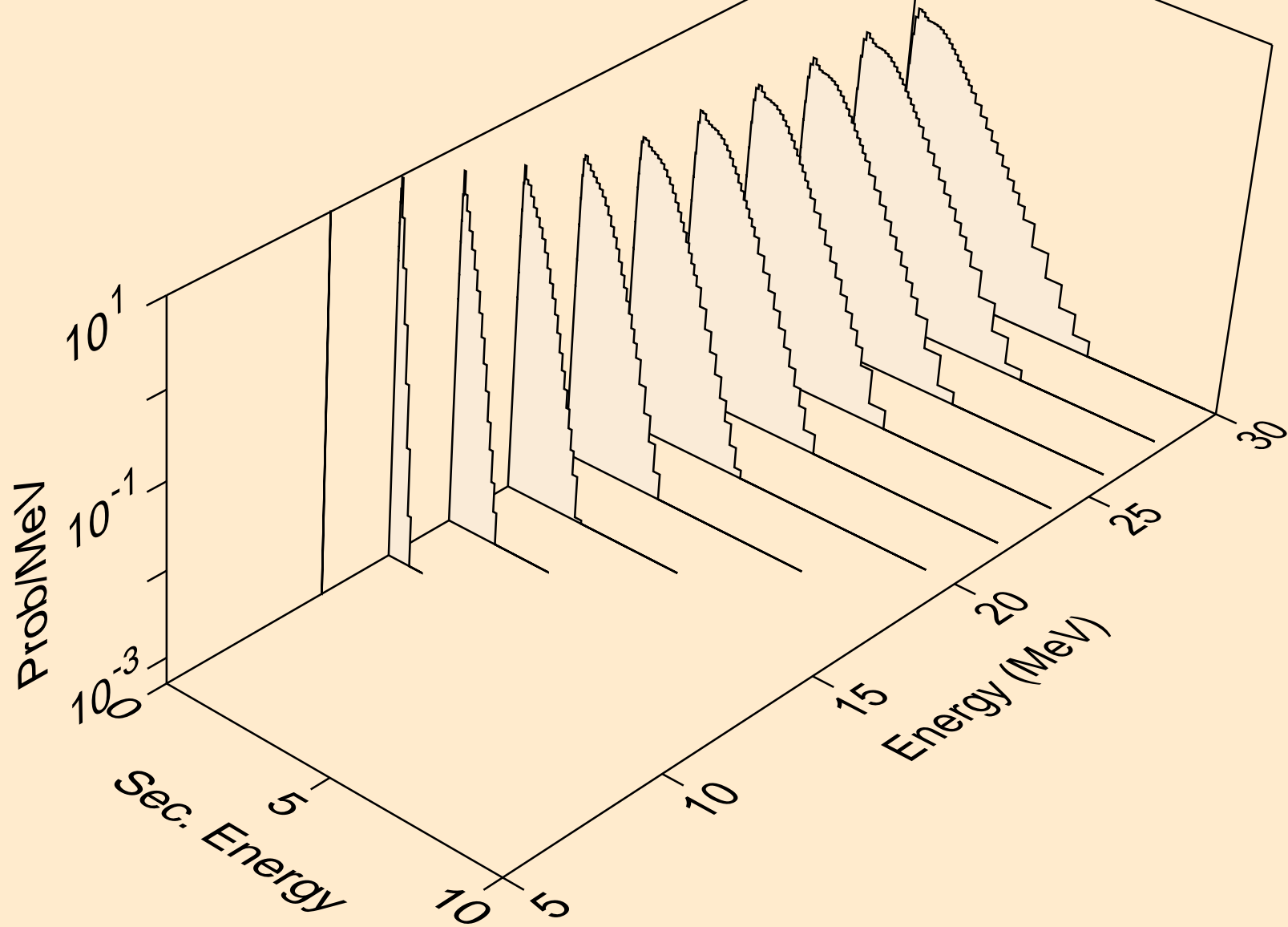
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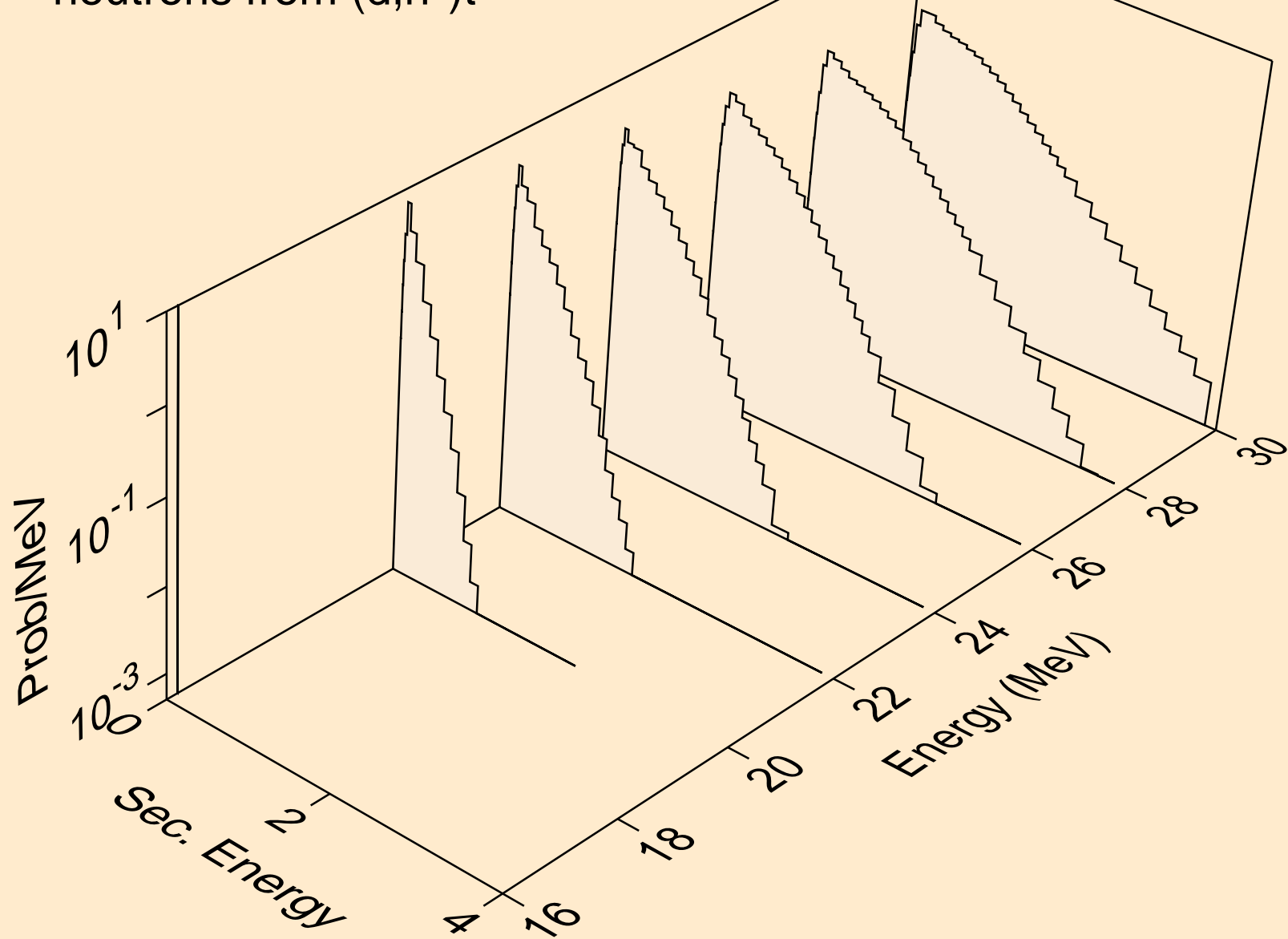
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neutrons from (d,n\*)2a



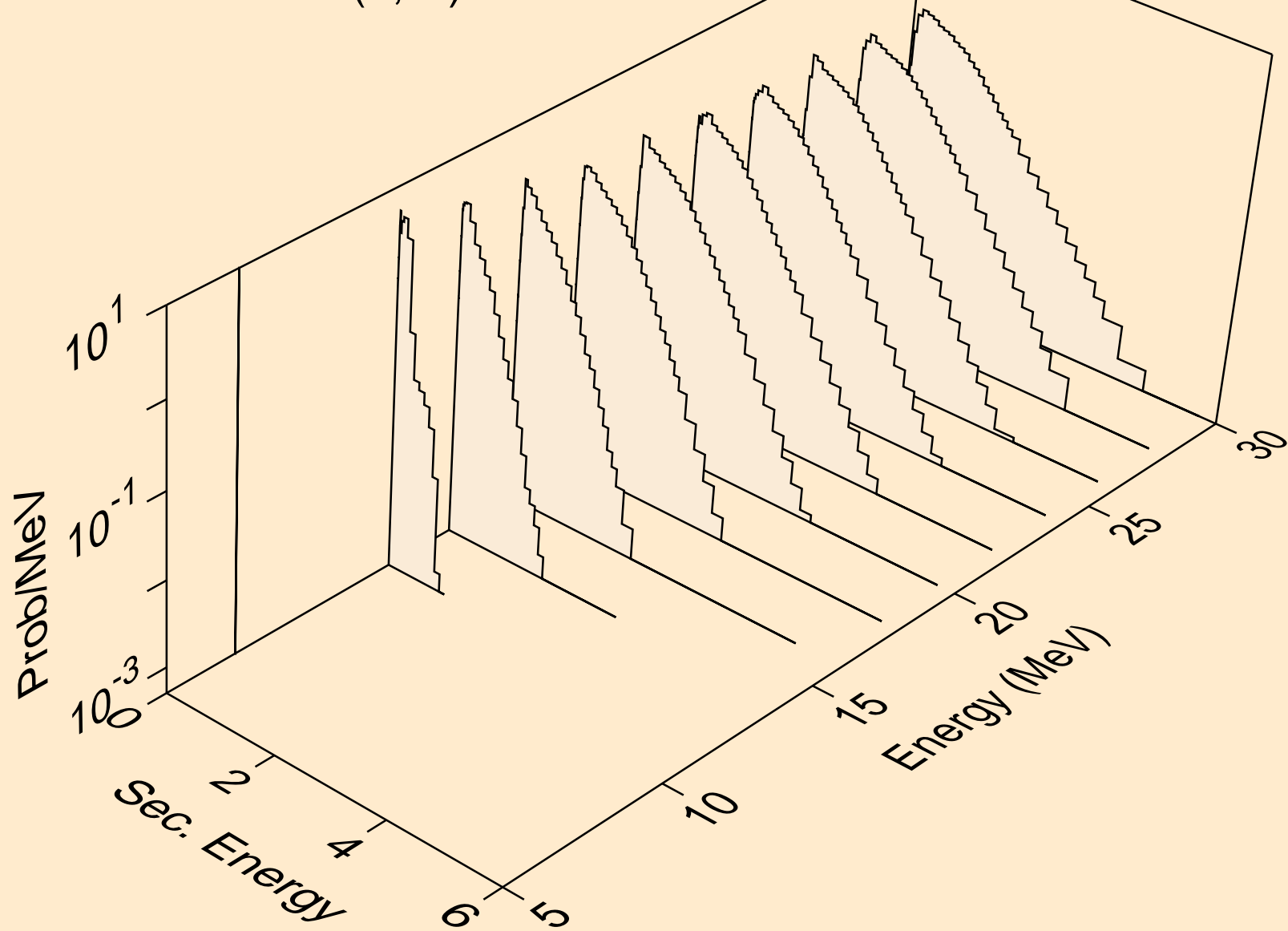
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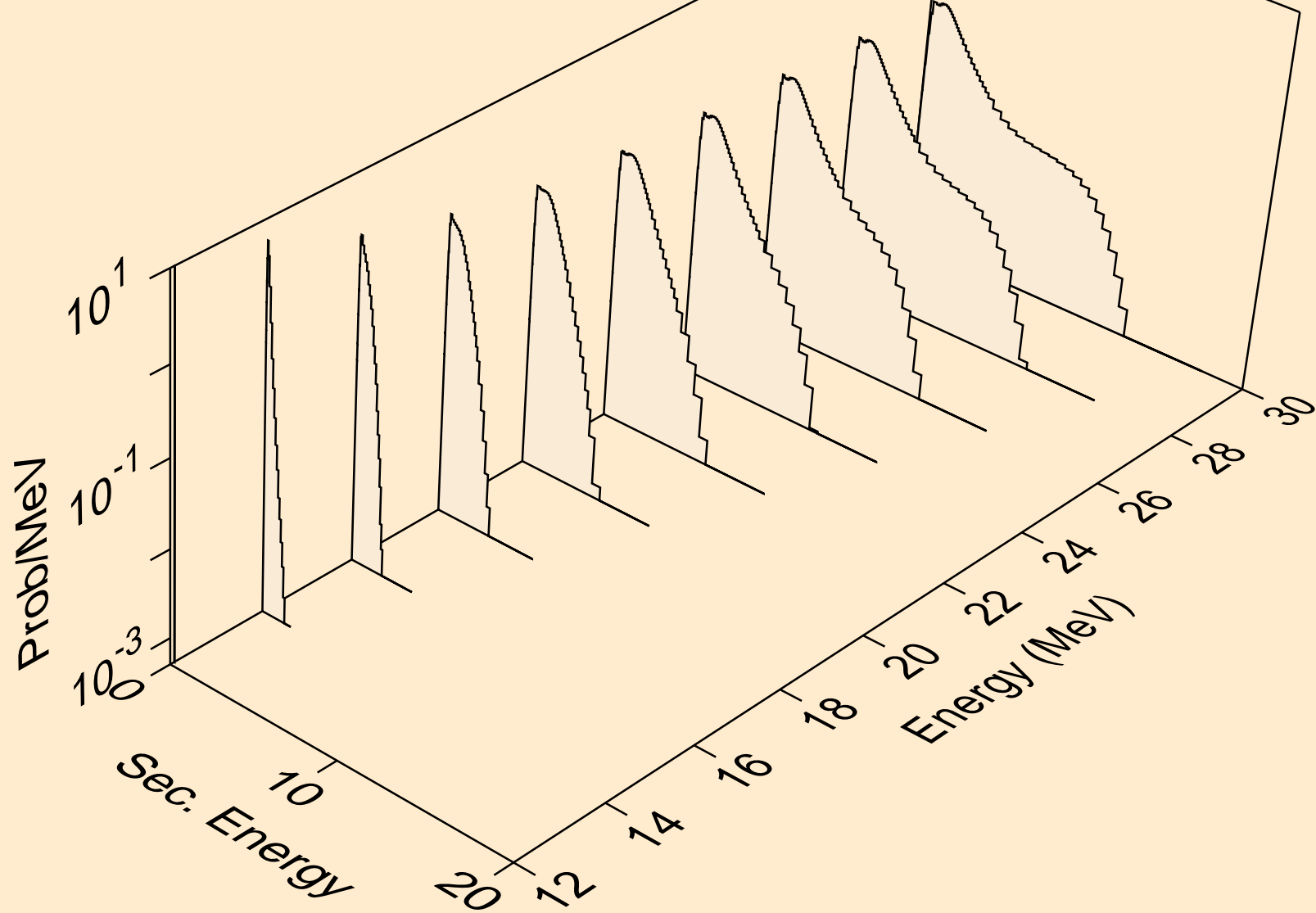
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neutrons from (d,n\*)t



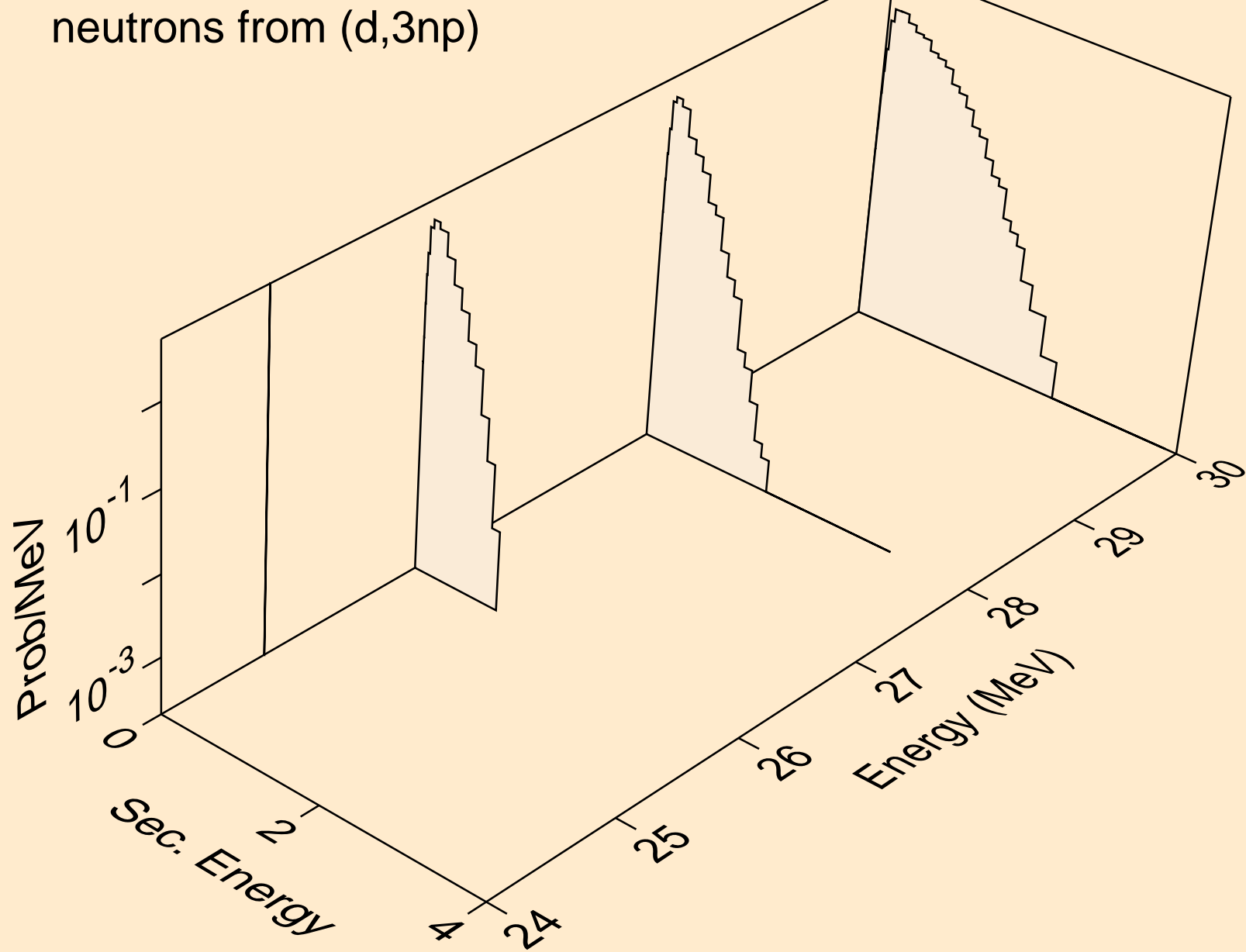
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neutrons from (d,n\*)he3



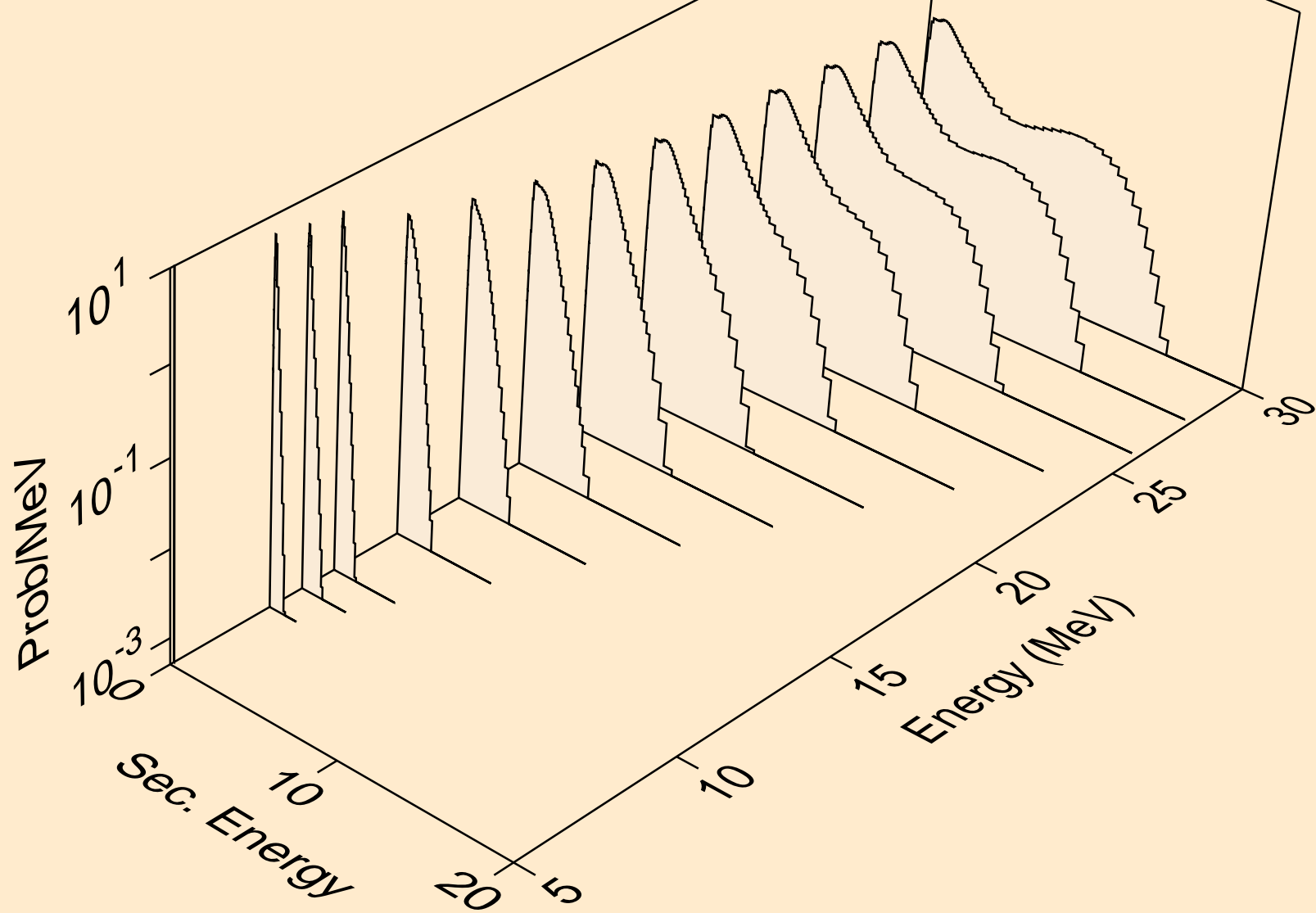
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2np)



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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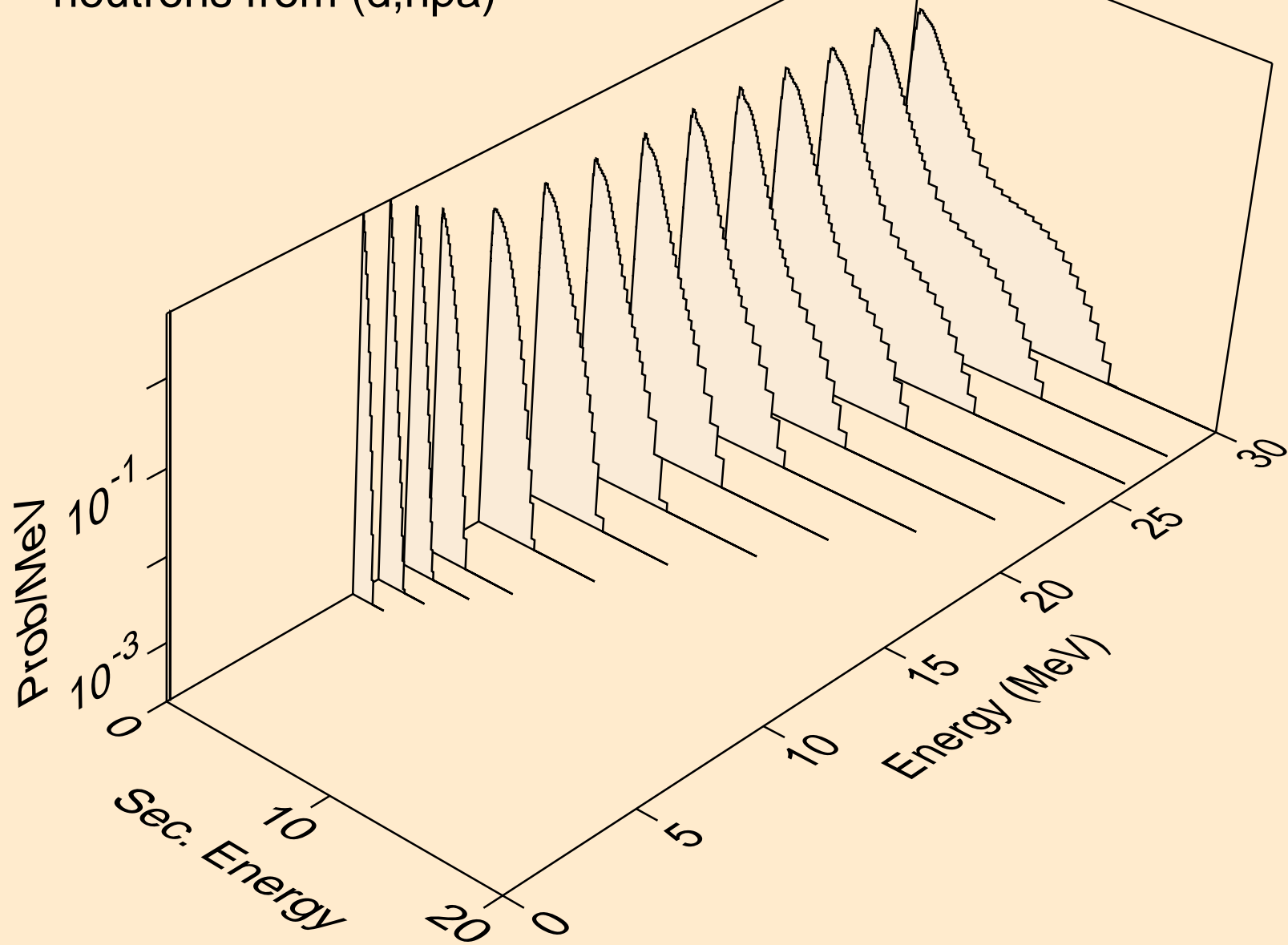


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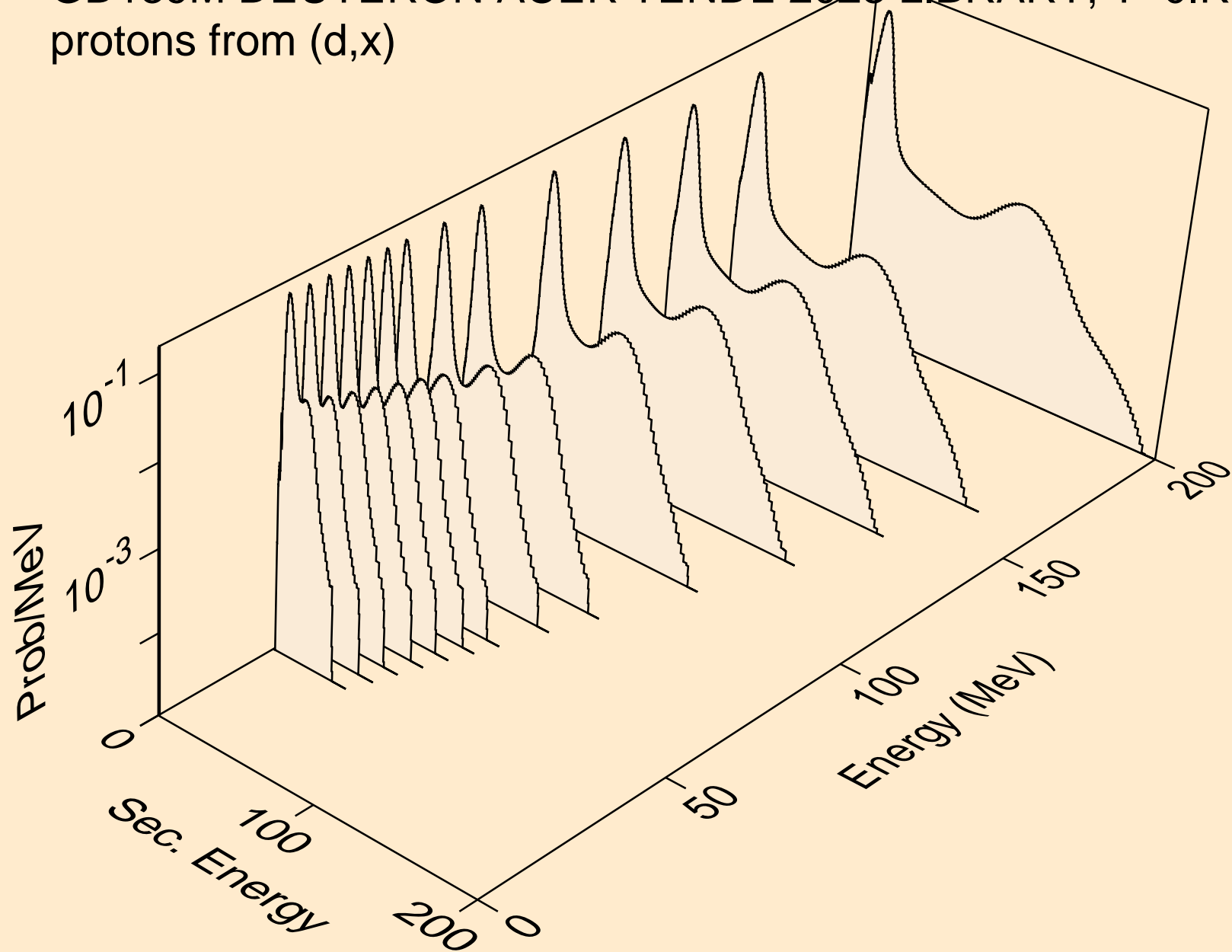




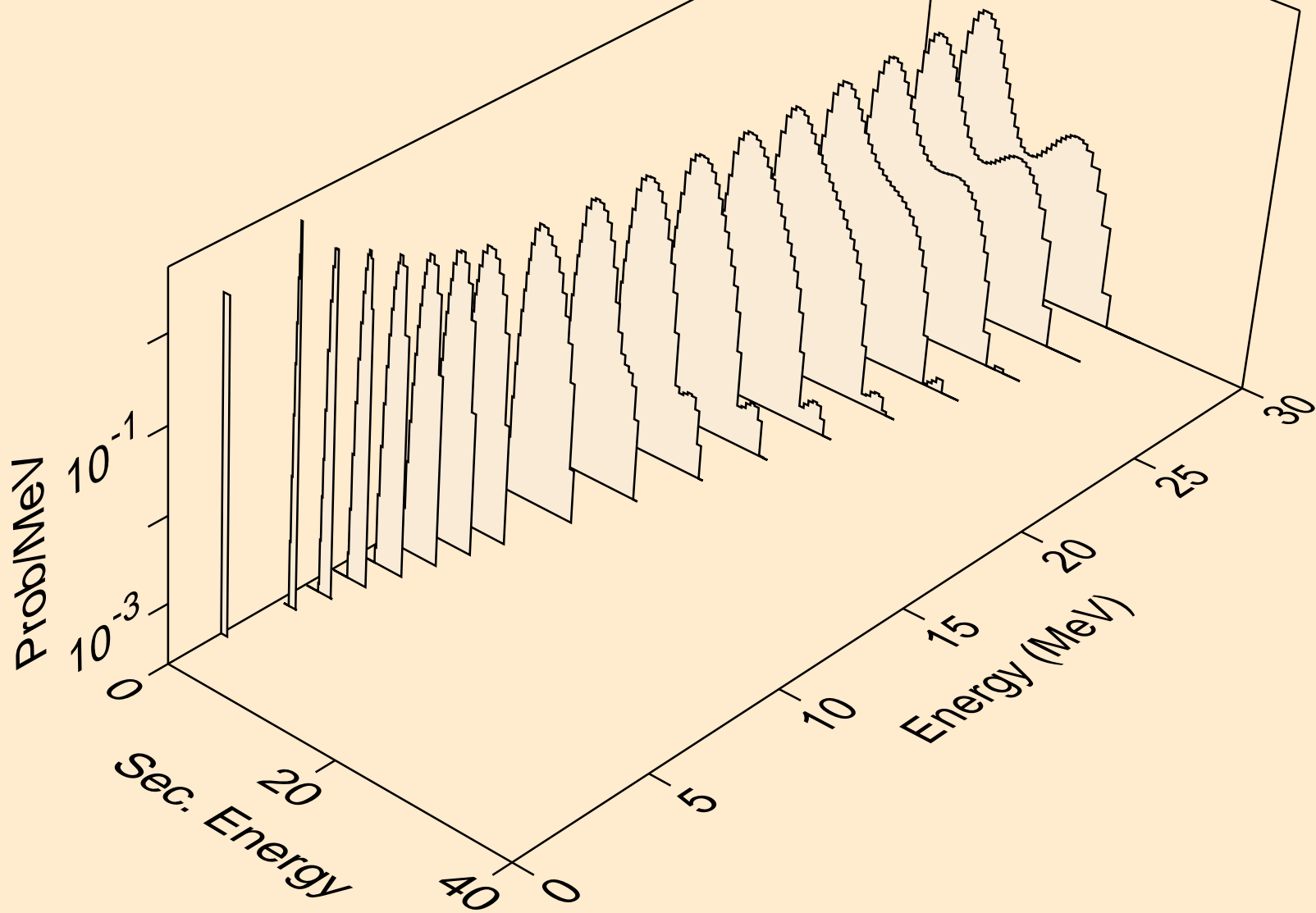
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neutrons from (d,npa)



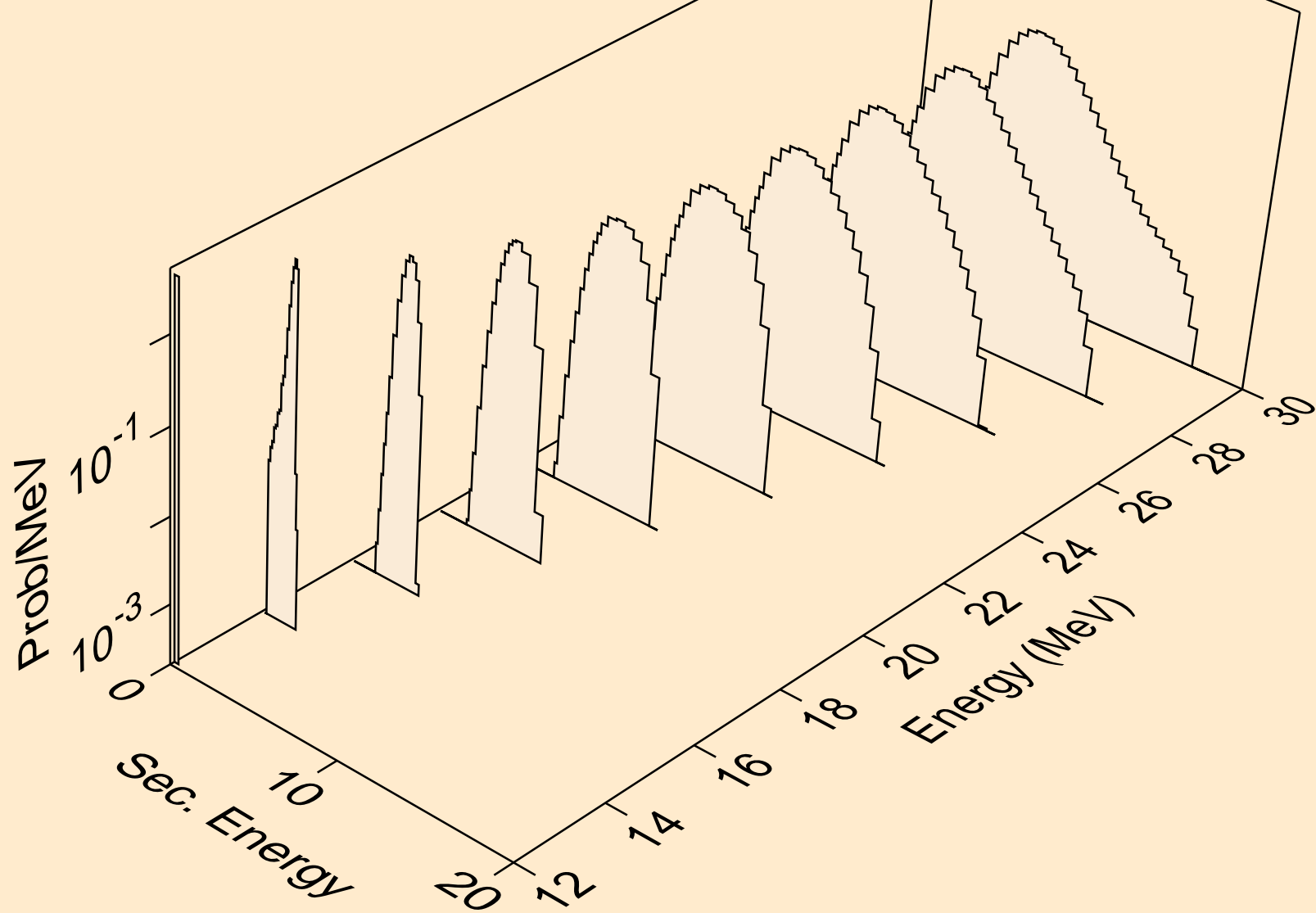
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,x)



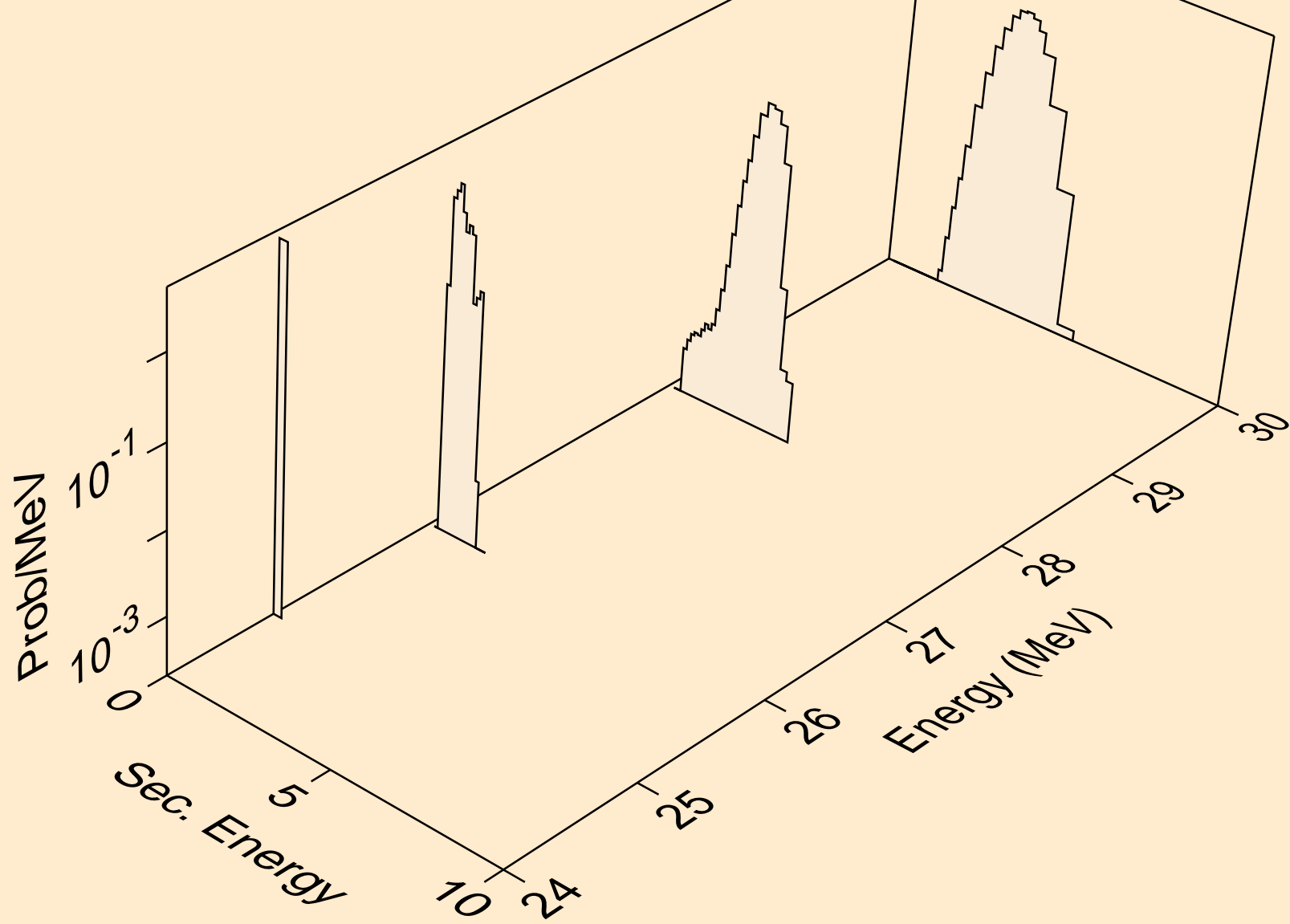
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protons from (d,n\*)p



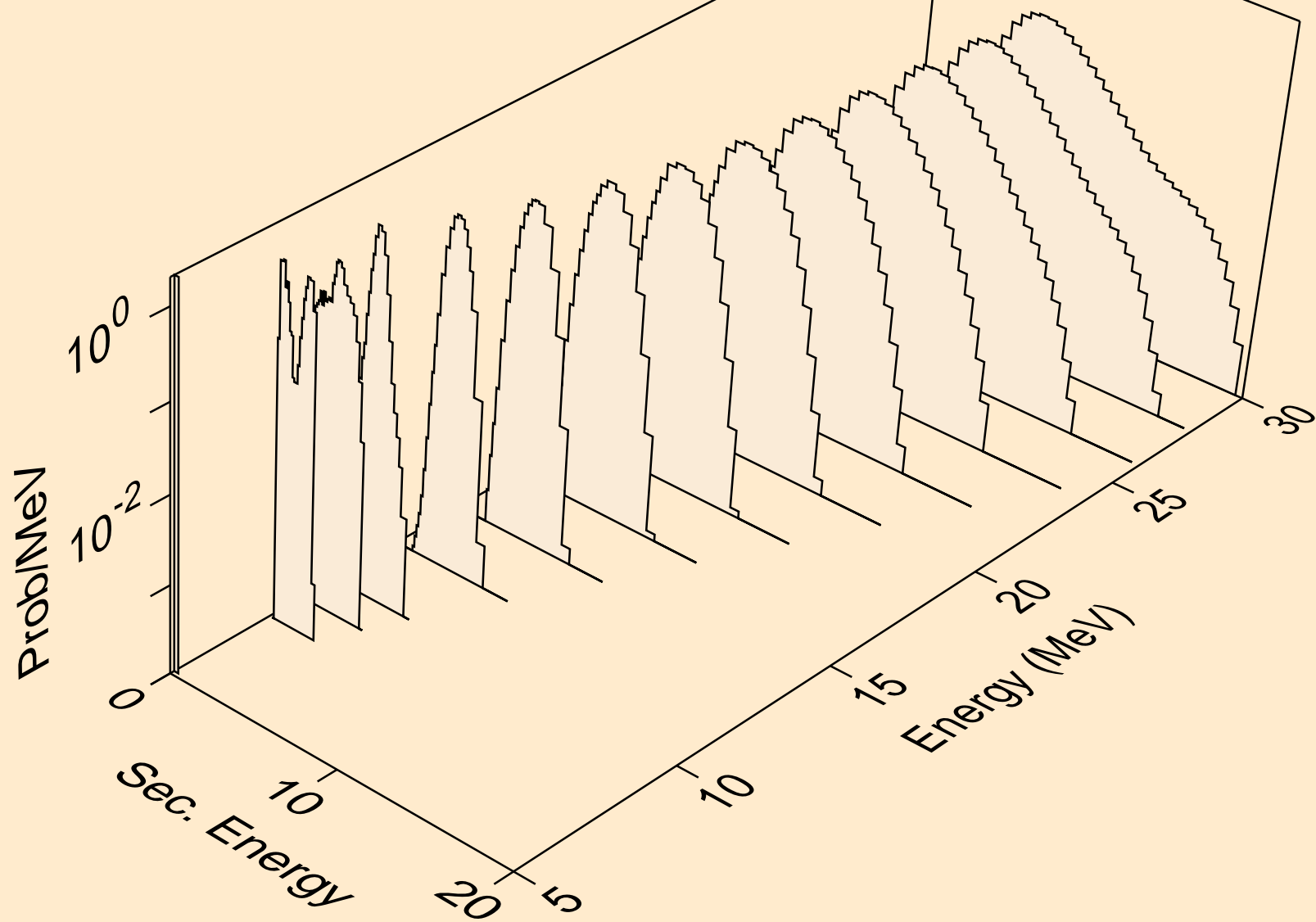
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protons from (d,2np)



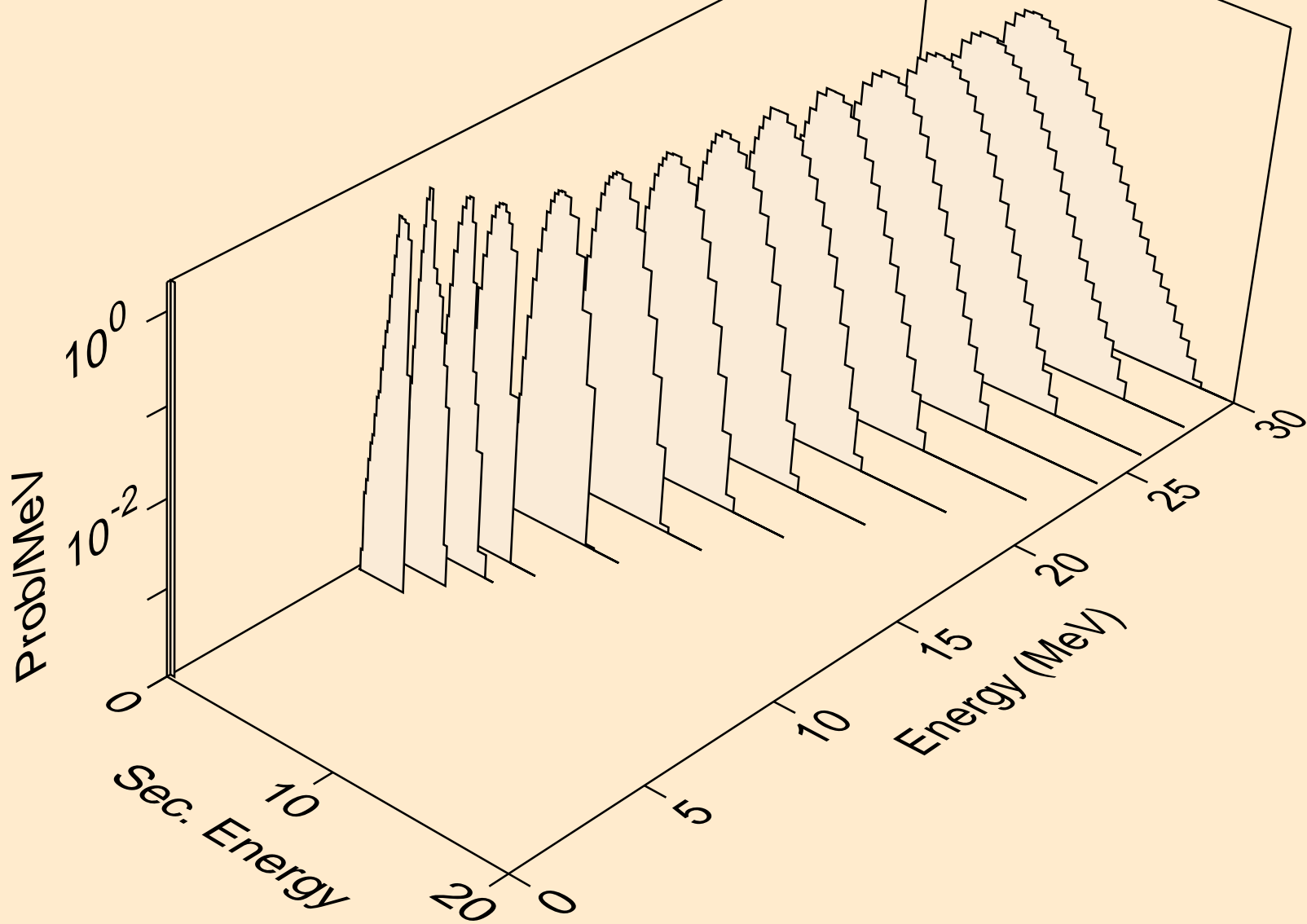
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protons from (d,3np)



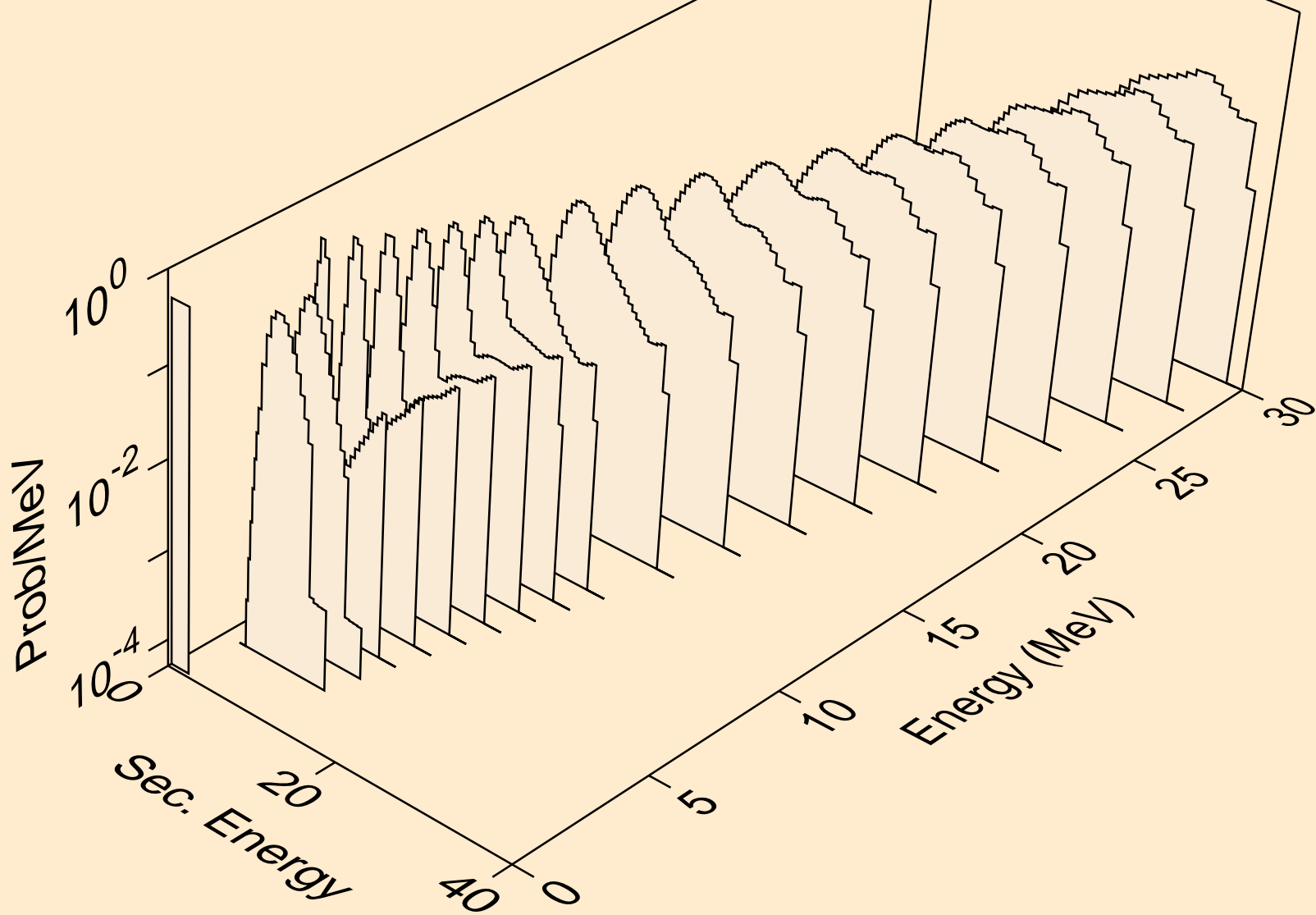
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n2p)



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,npa)

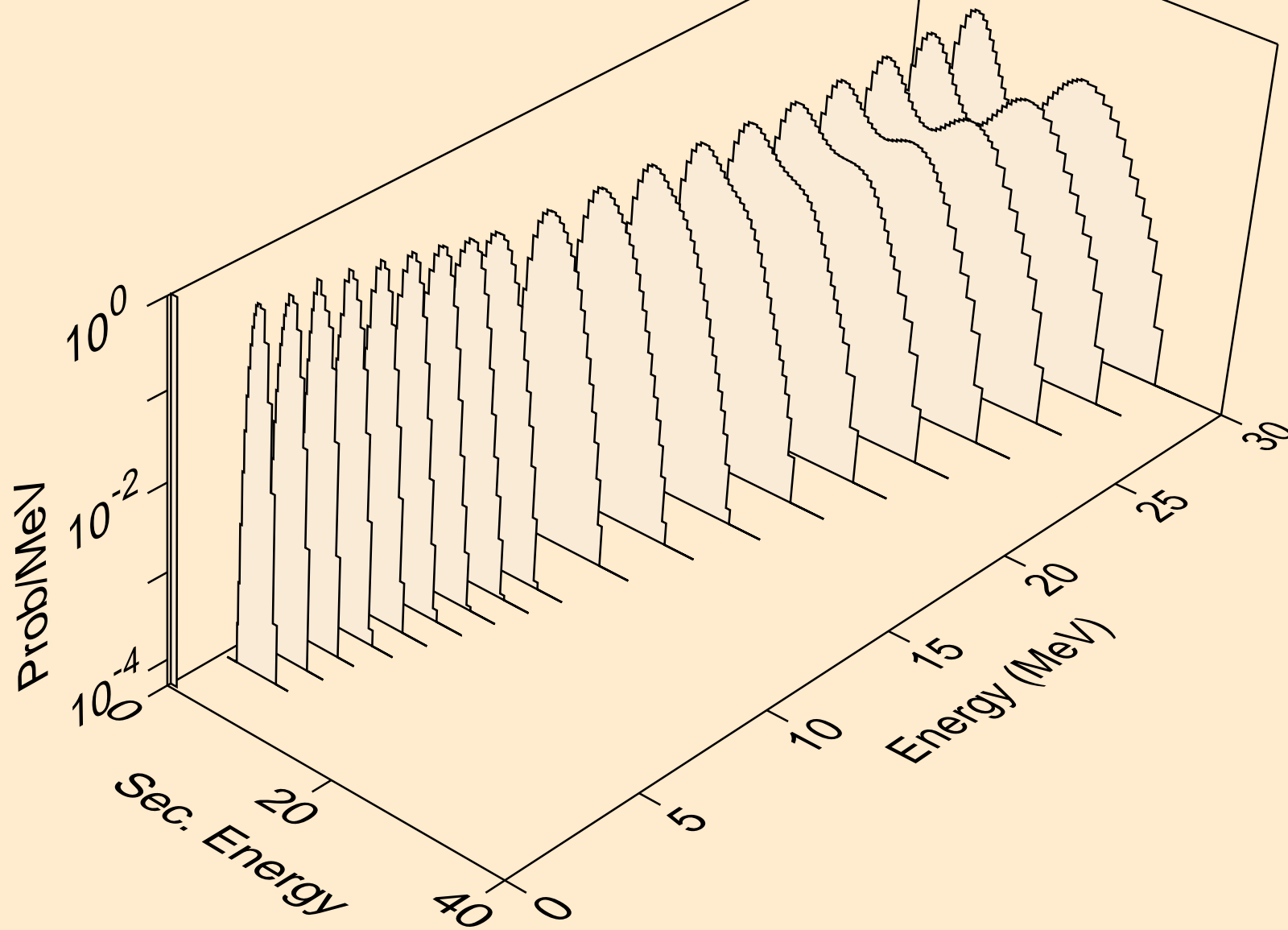


GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,p)

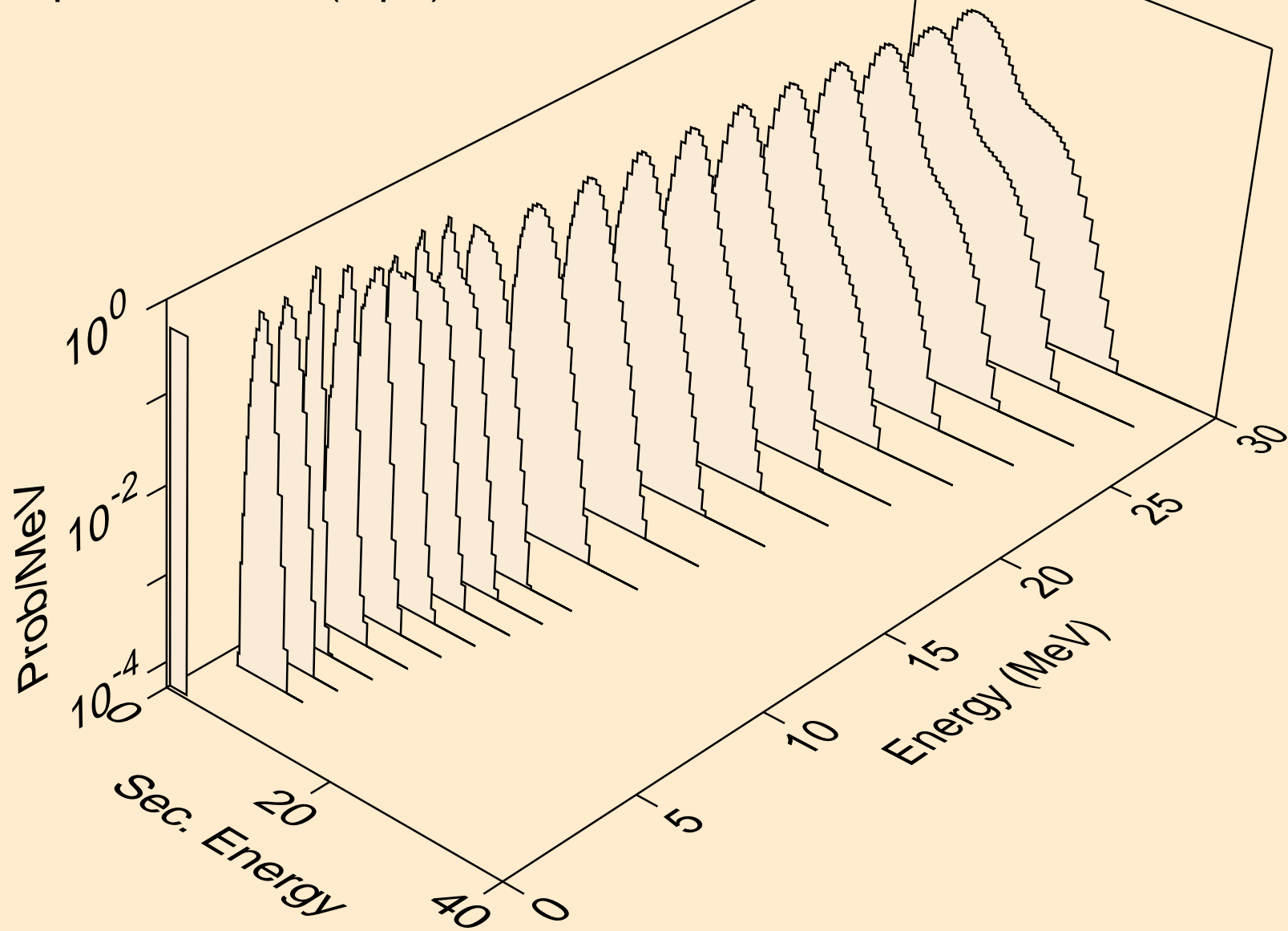




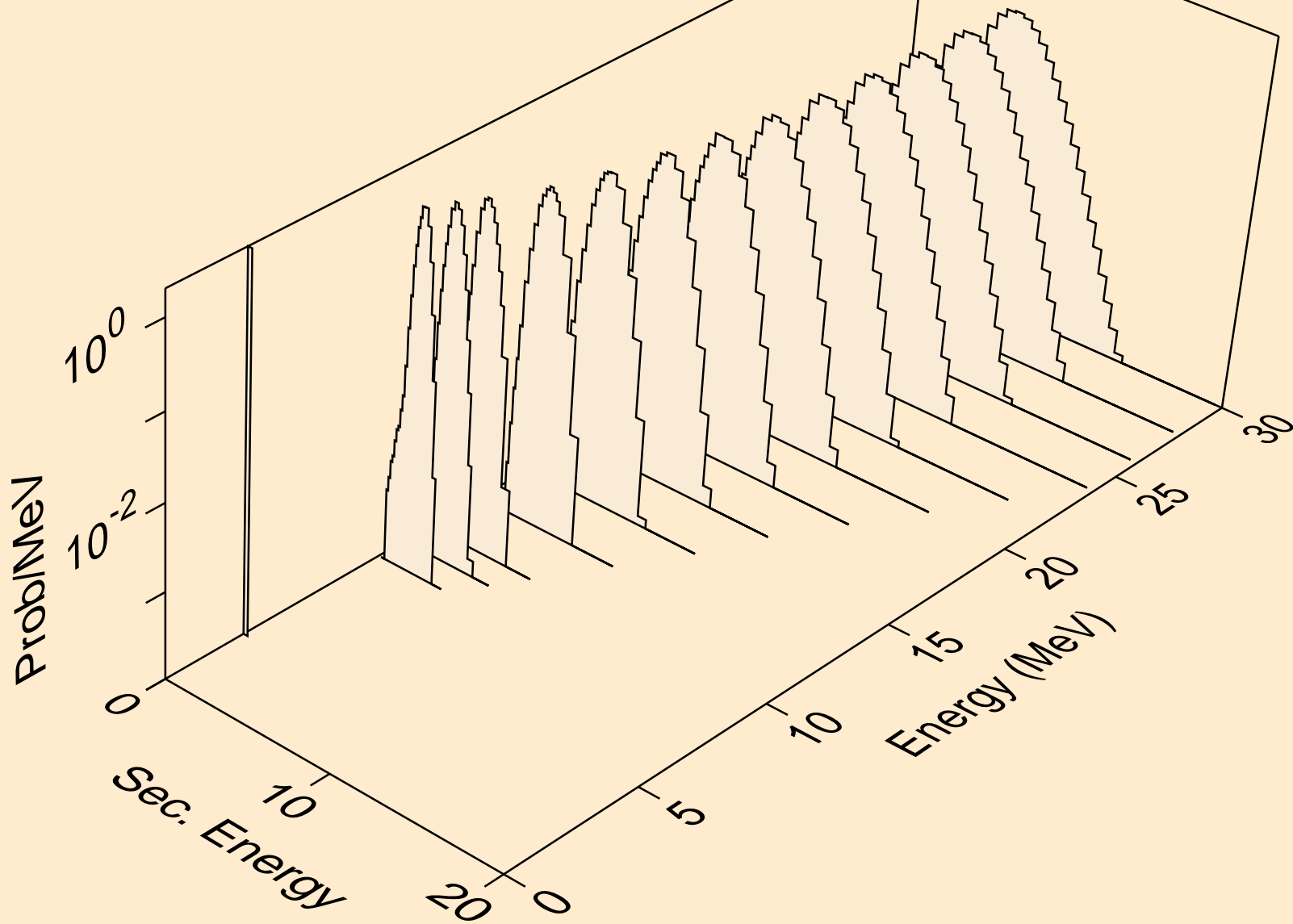
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protons from (d,2p)



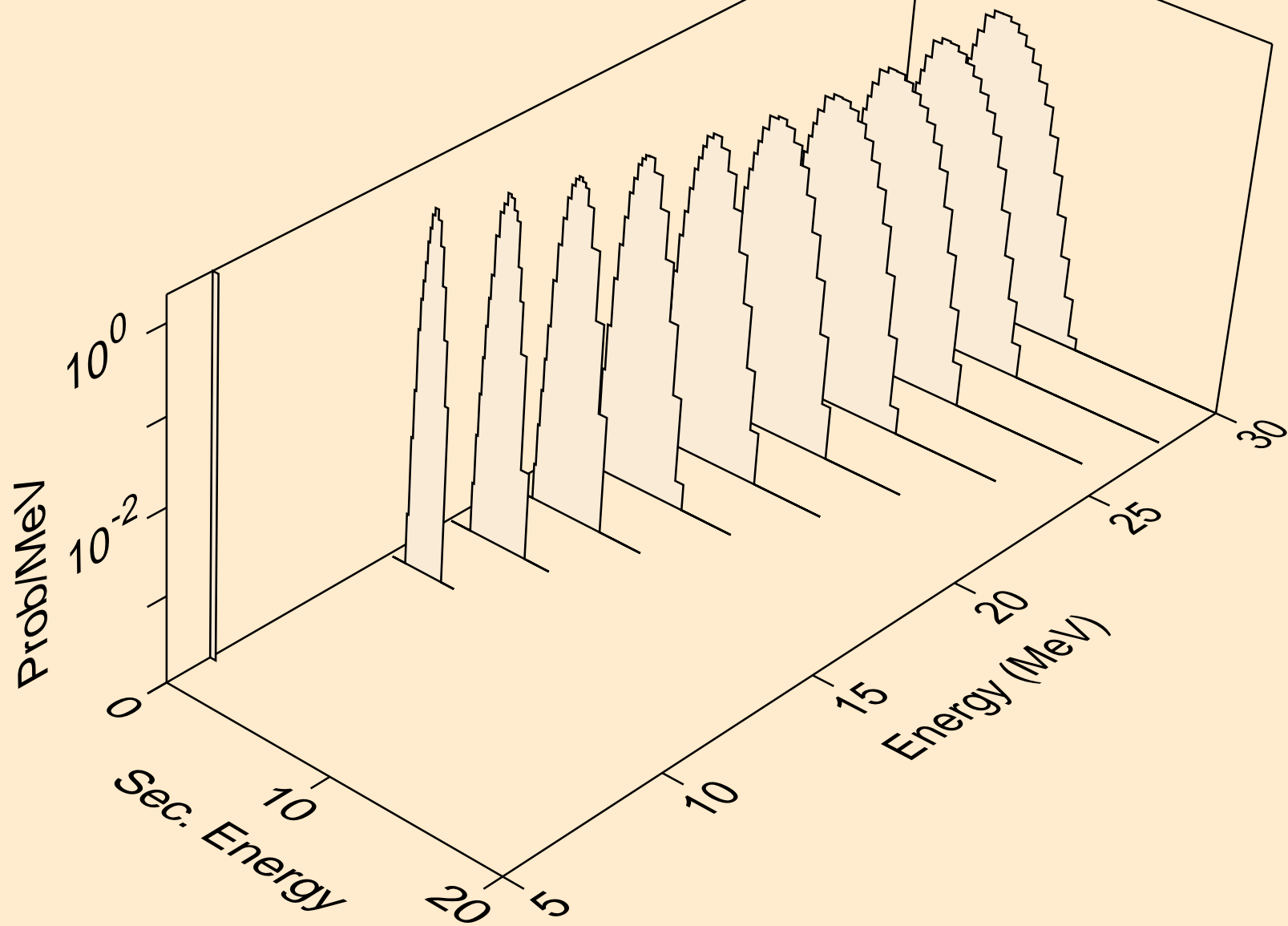
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protons from (d,pa)



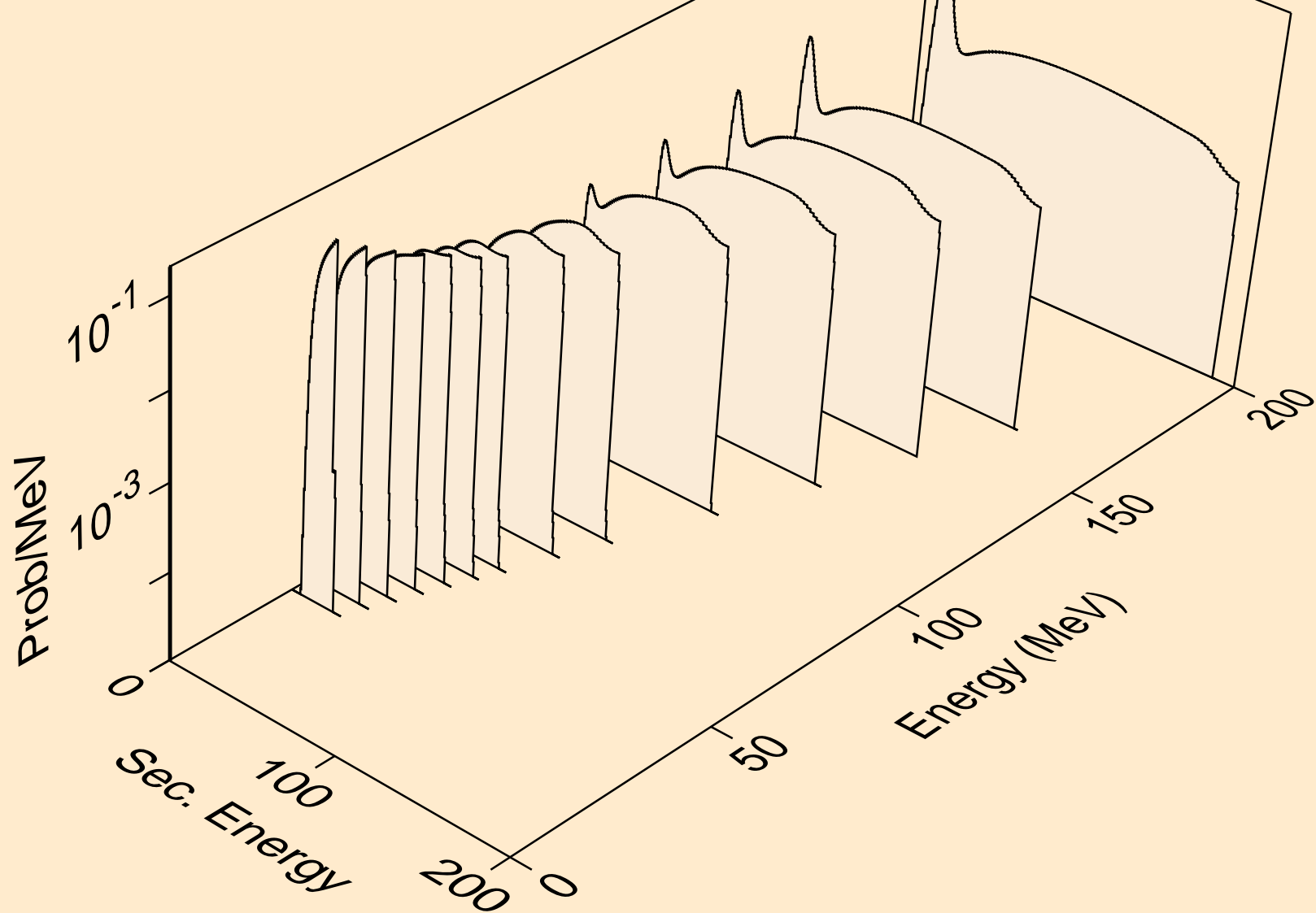
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protons from (d,pd)



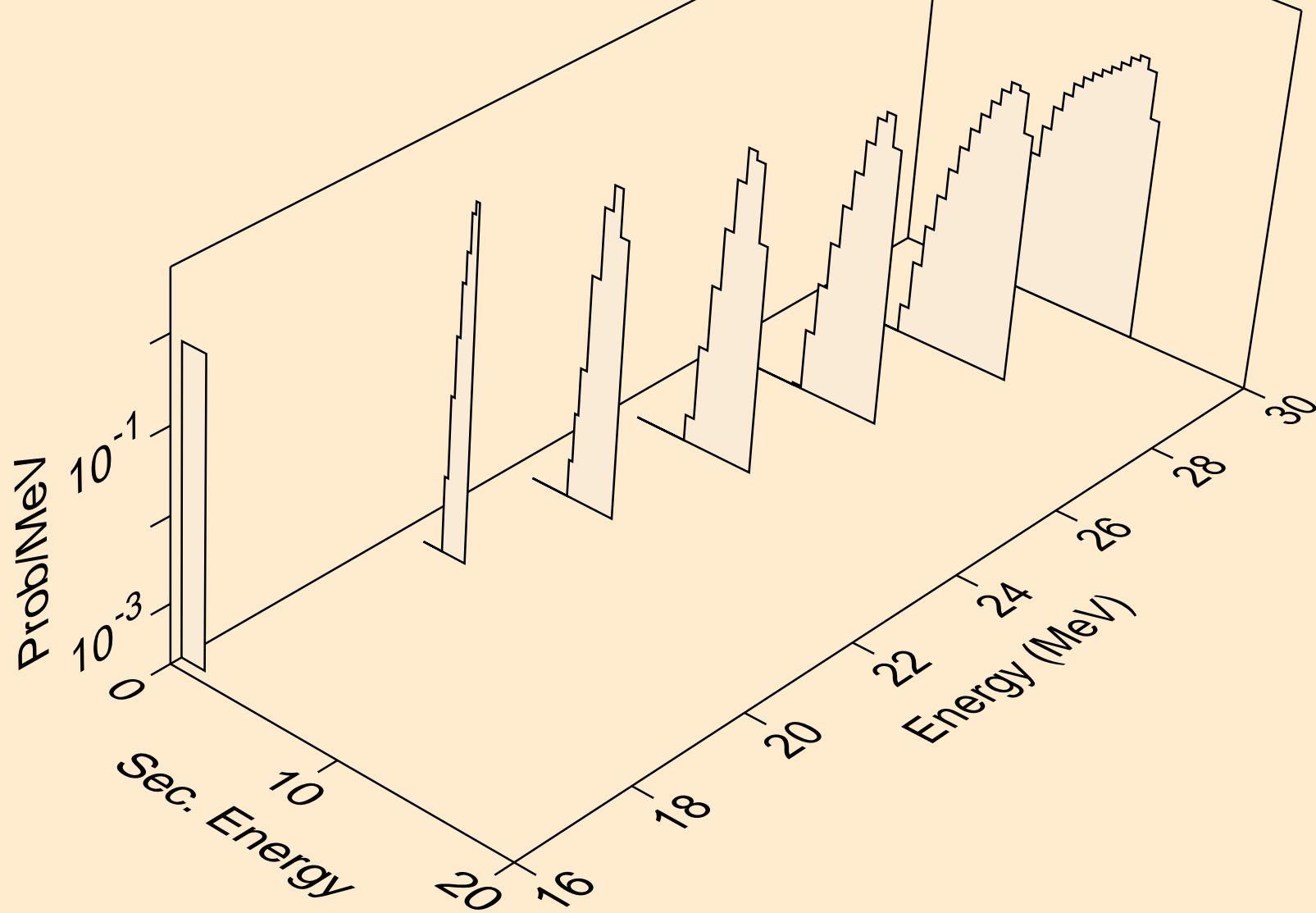
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protons from (d,pt)



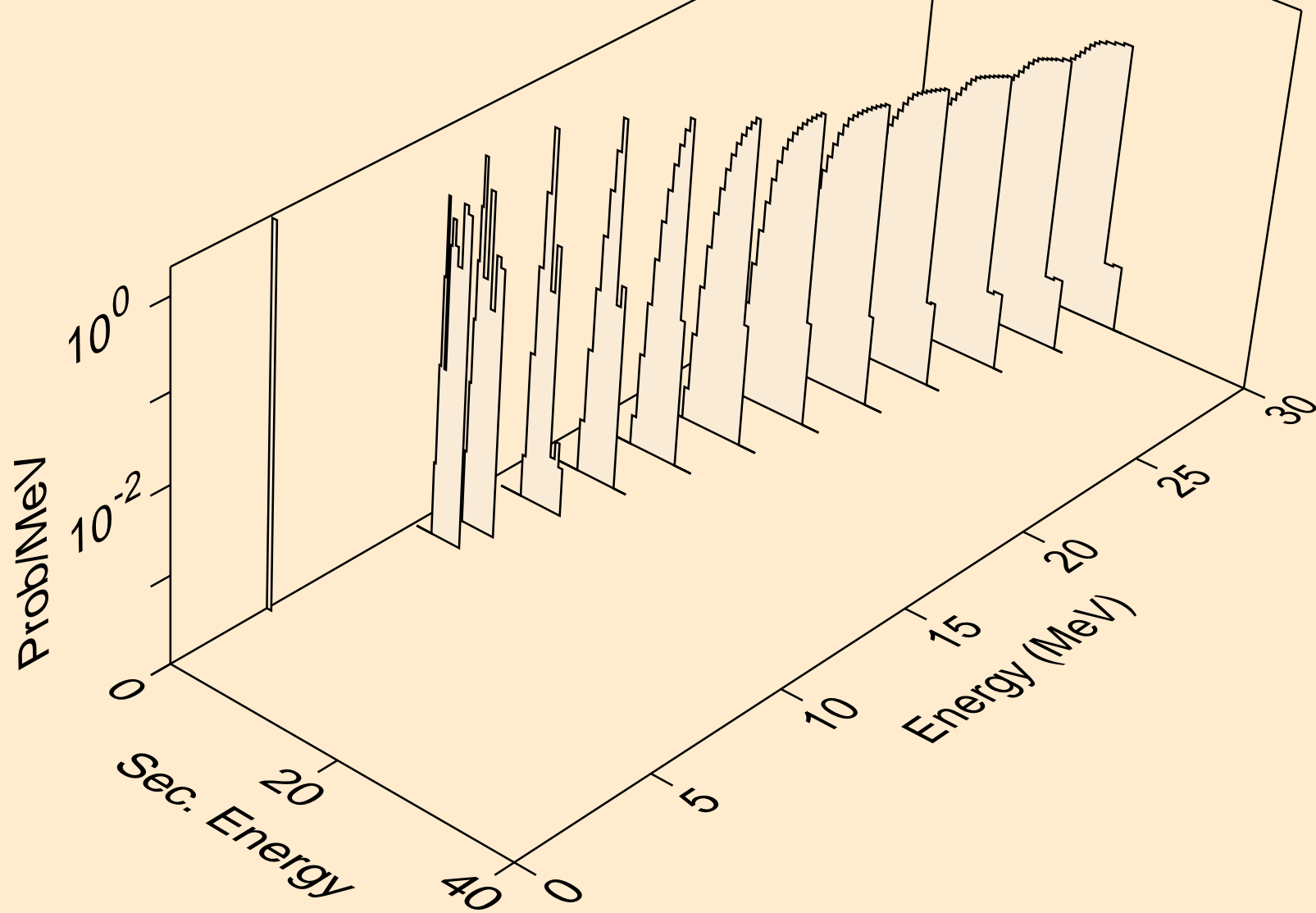
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tritons from (d,x)



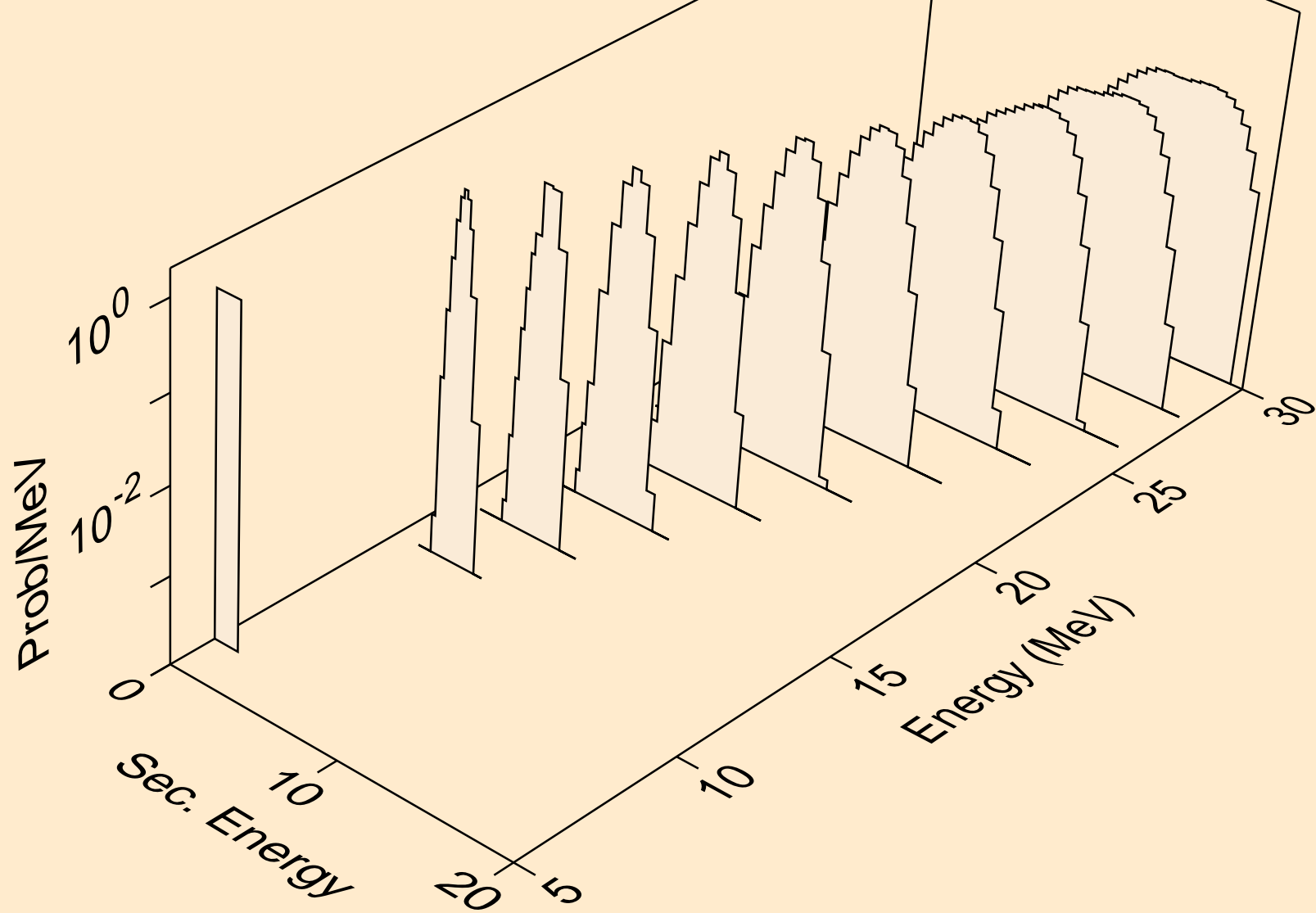
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,n\*)t



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,t)

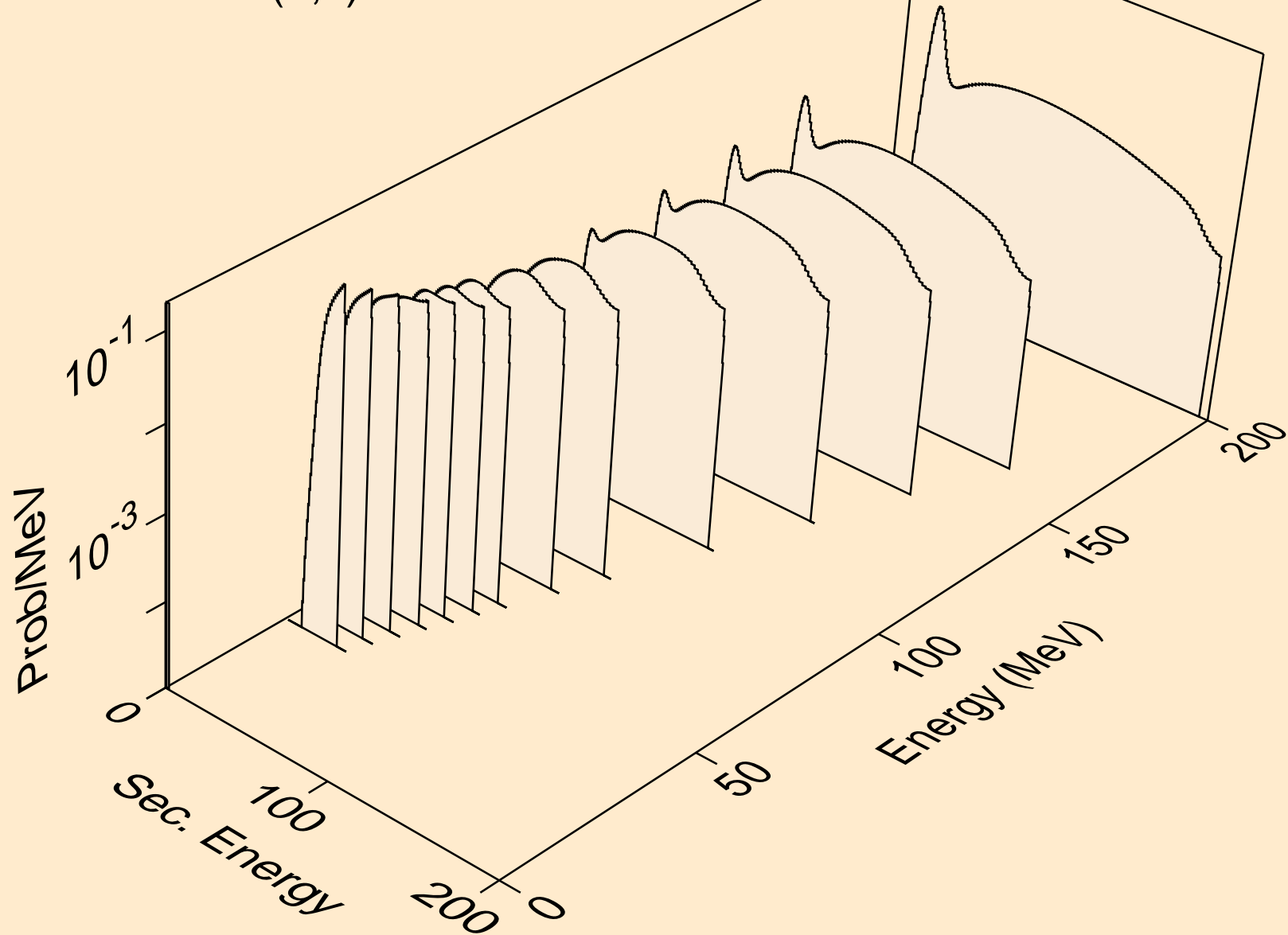


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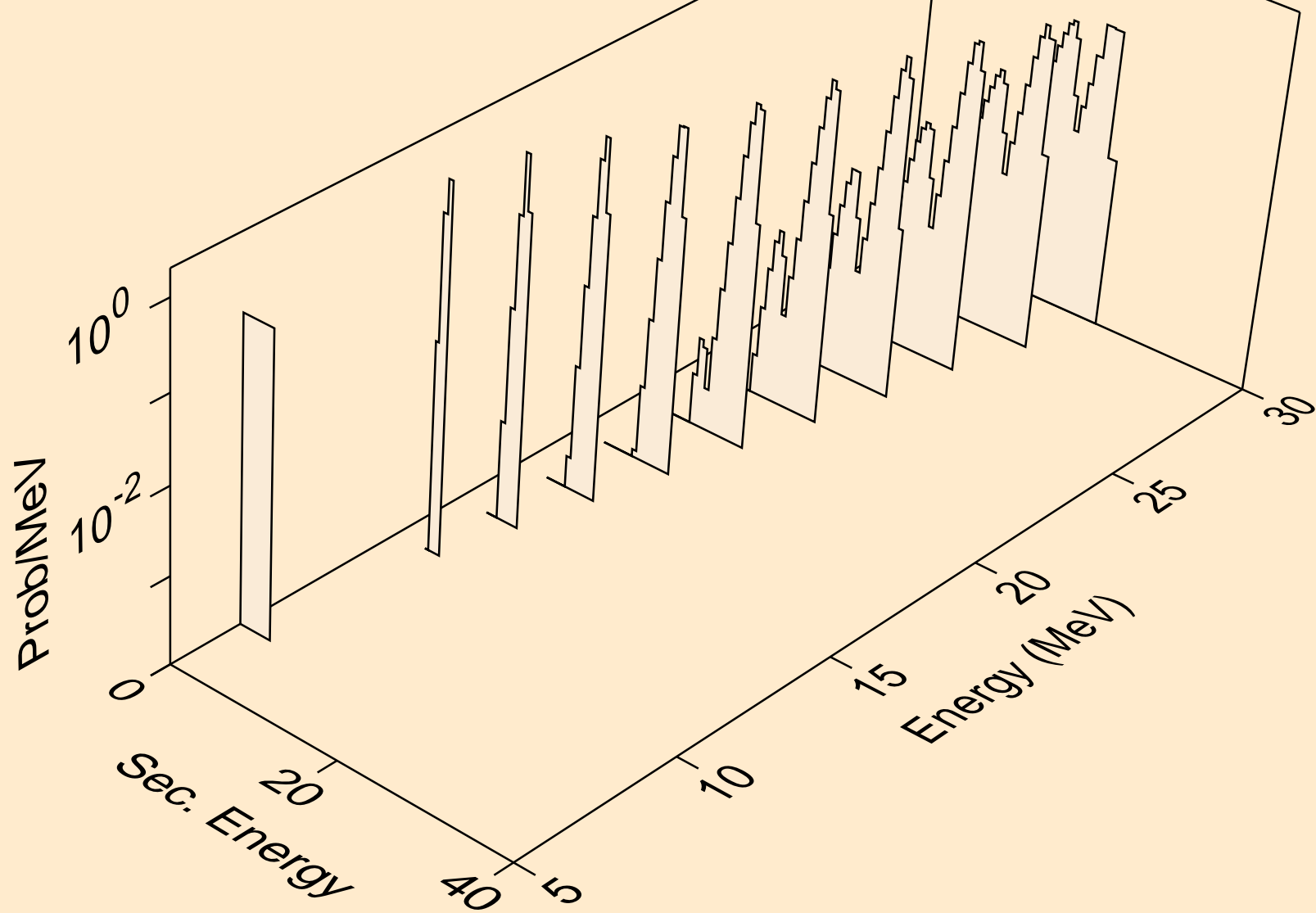




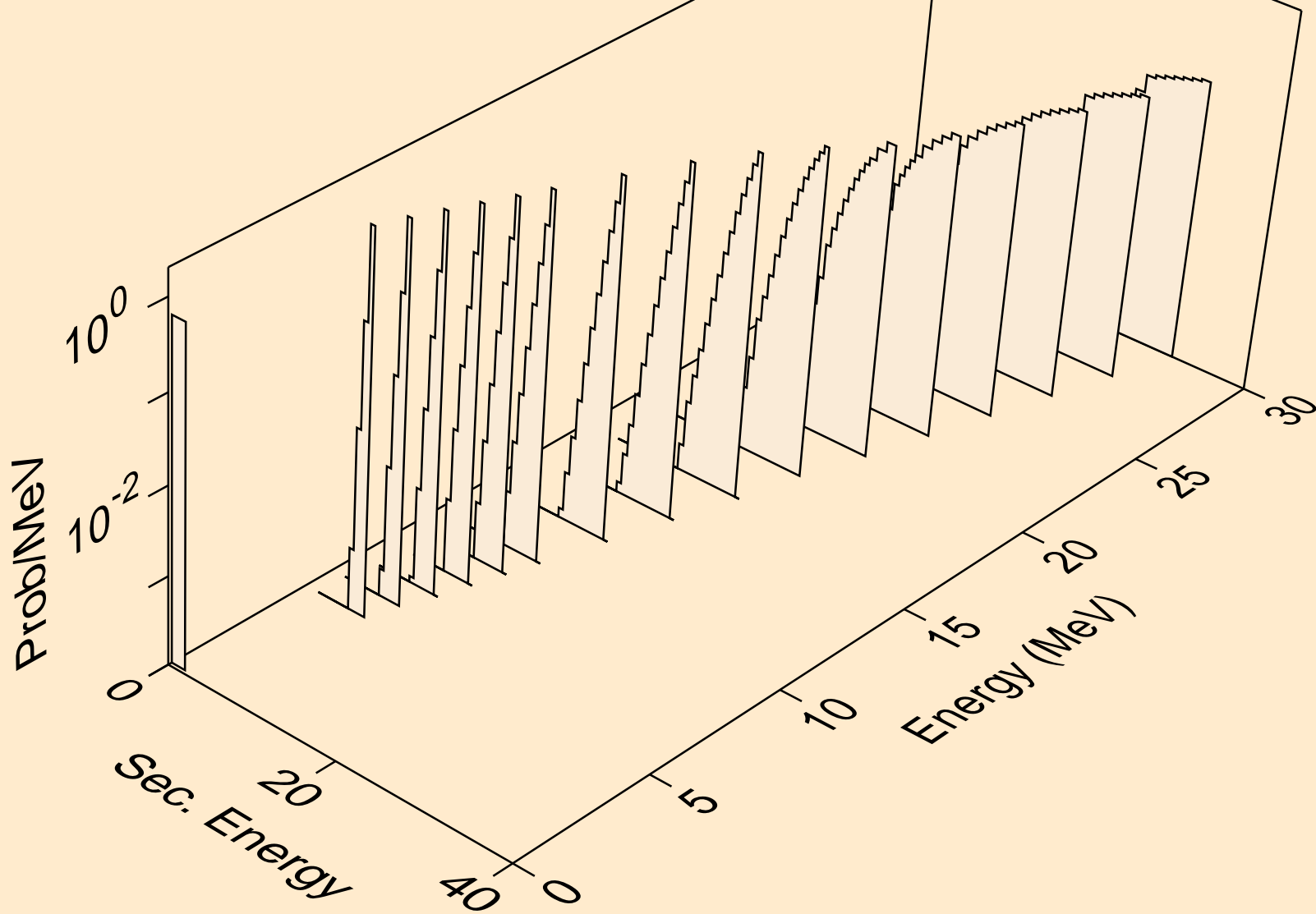
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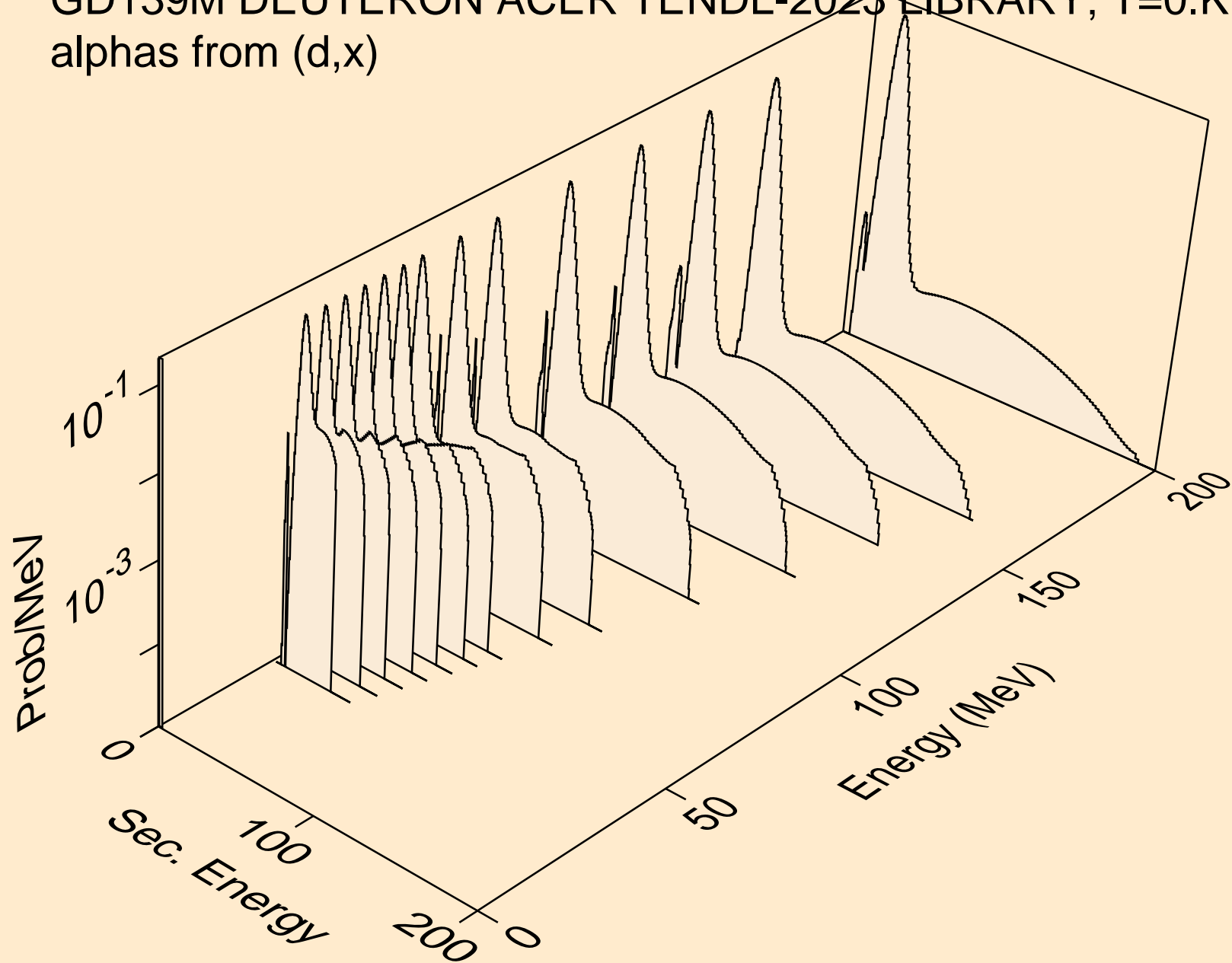
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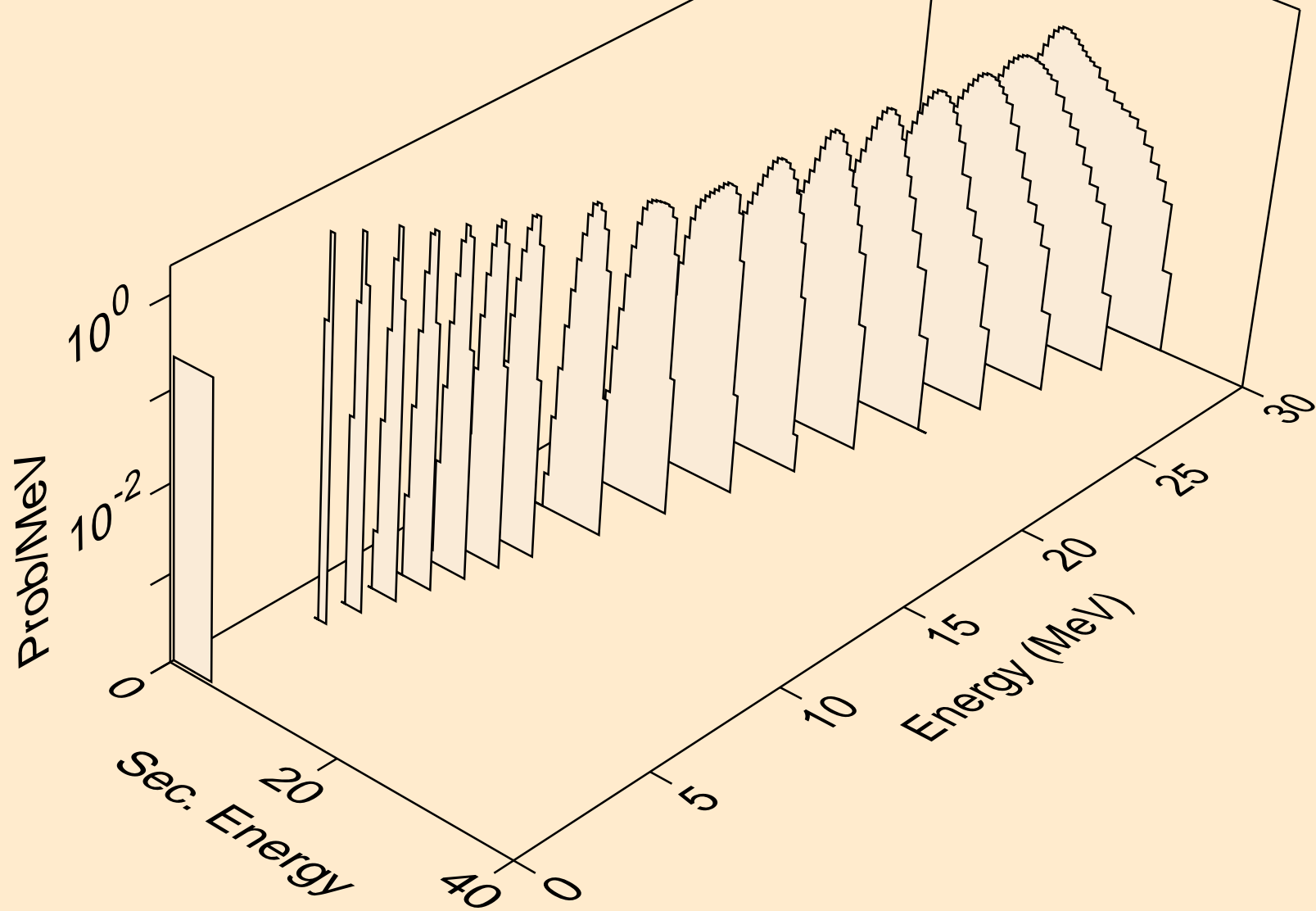
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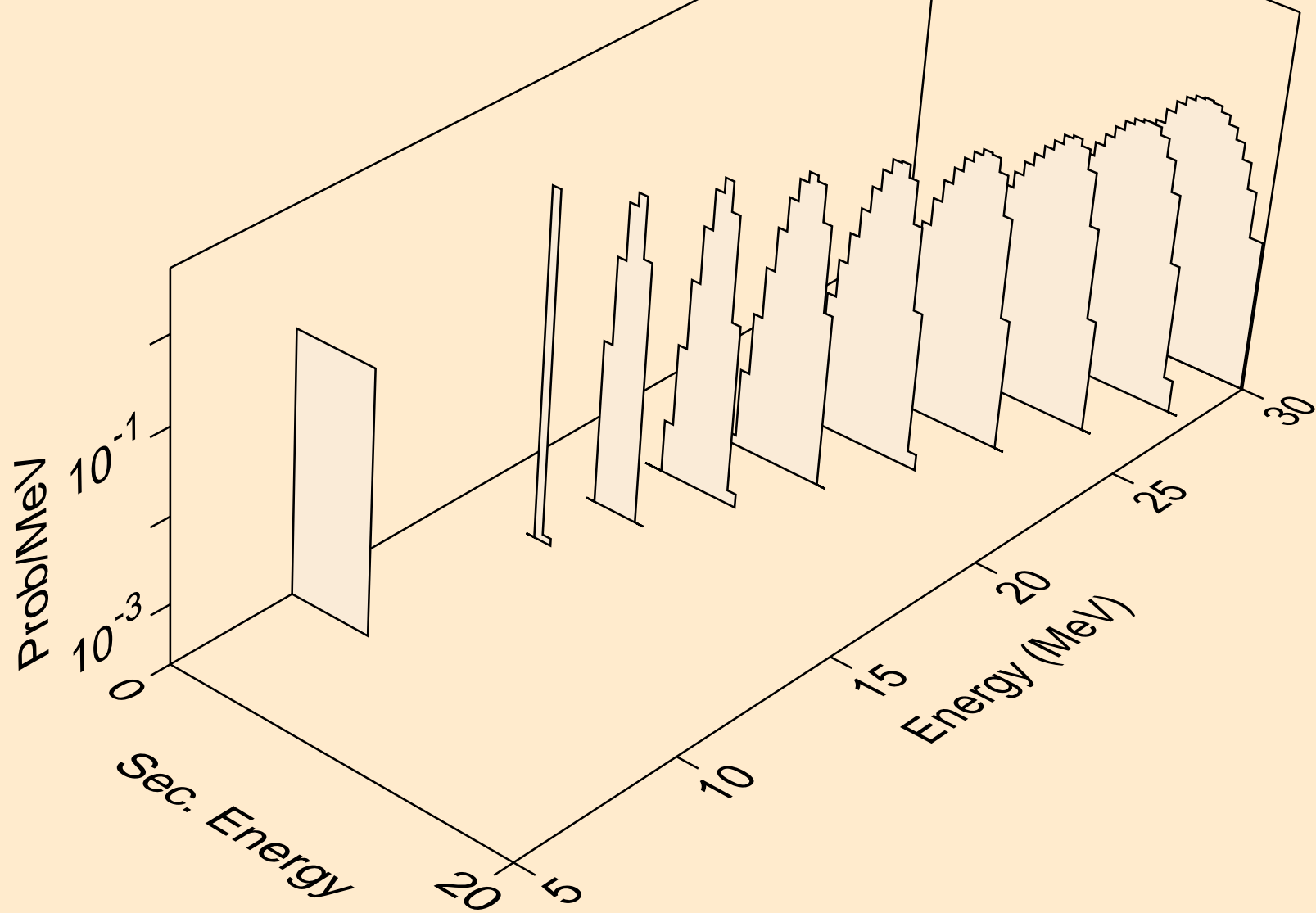
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,x)



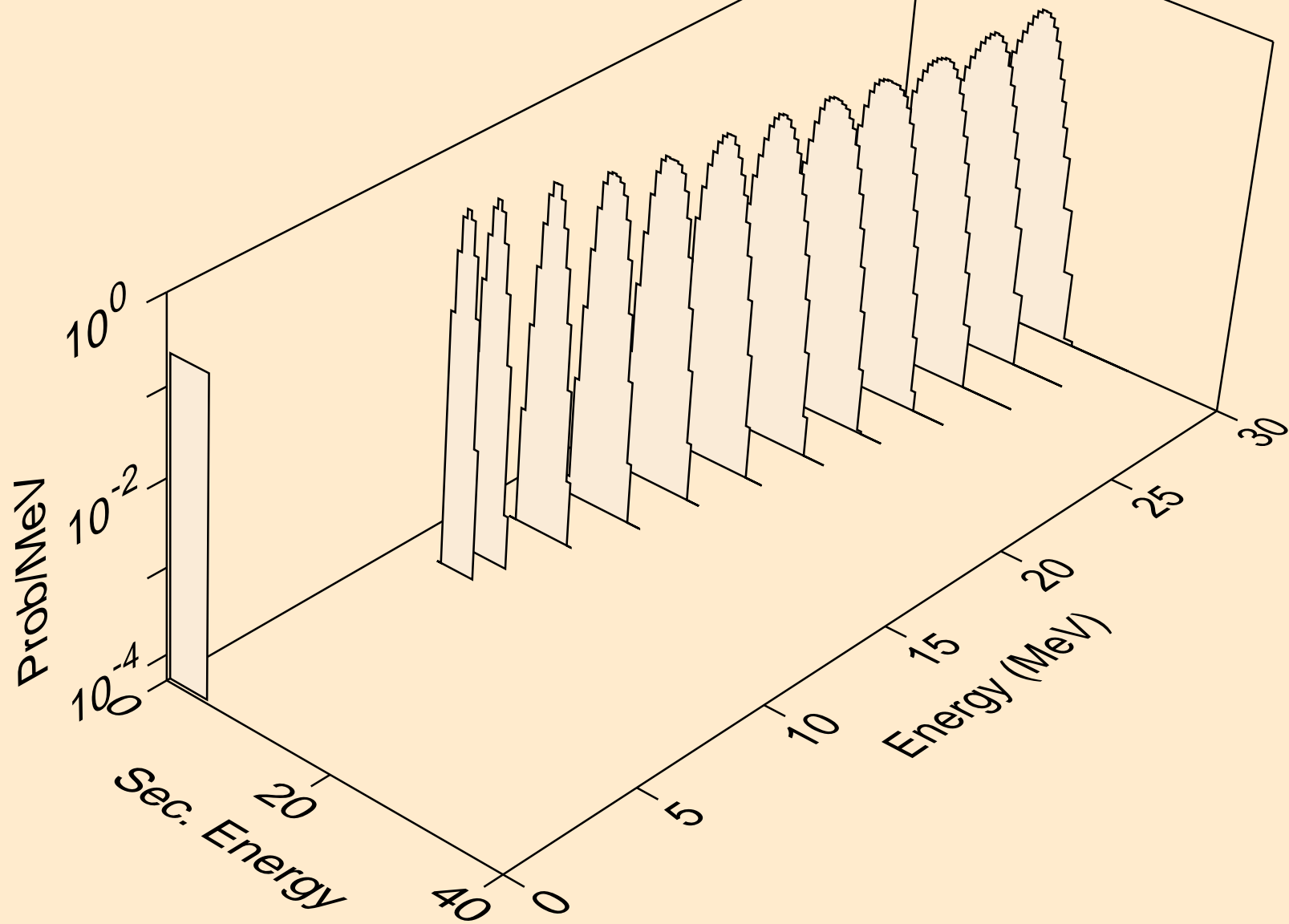
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a



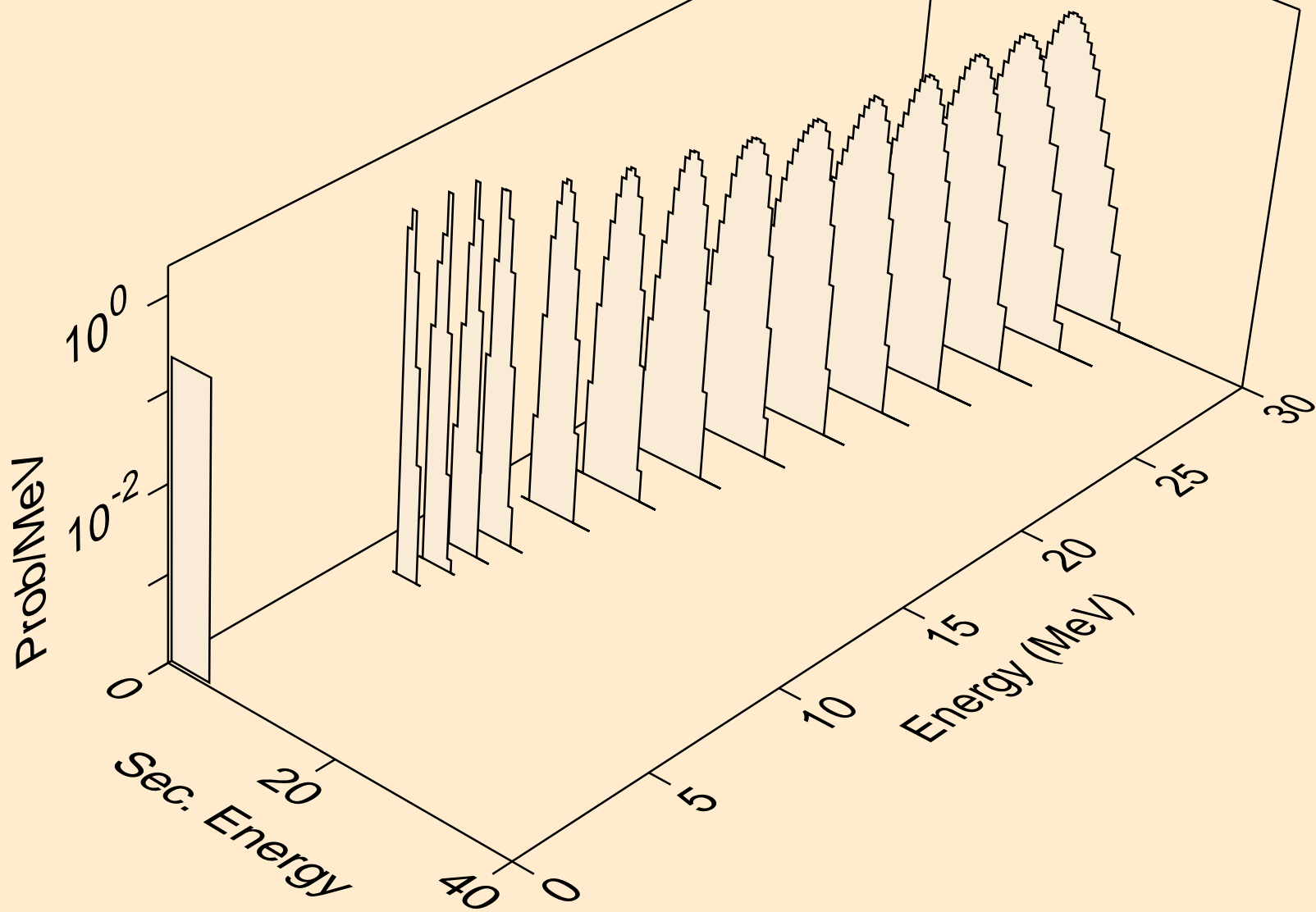
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2n)a



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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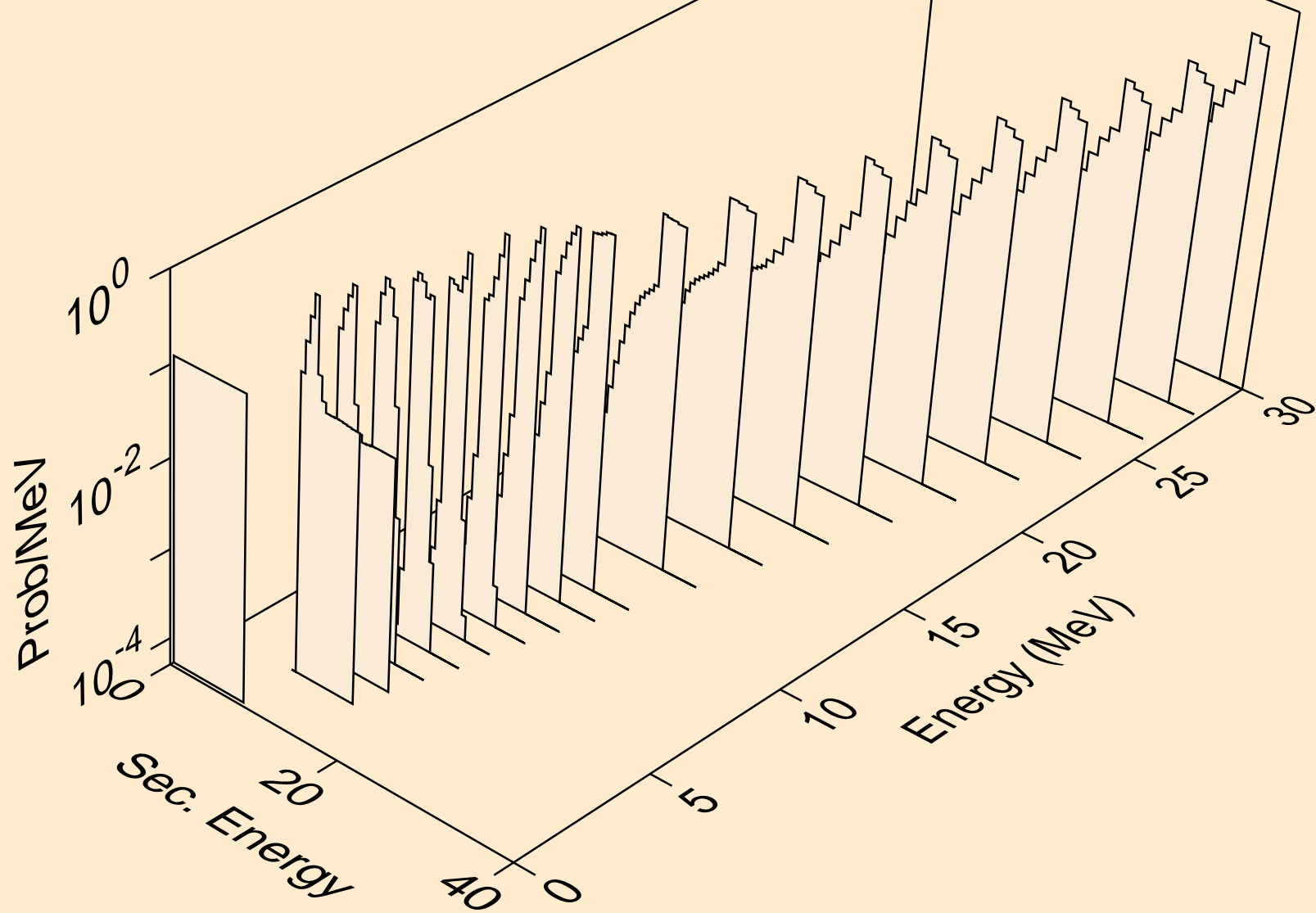


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alphas from (d,npa)

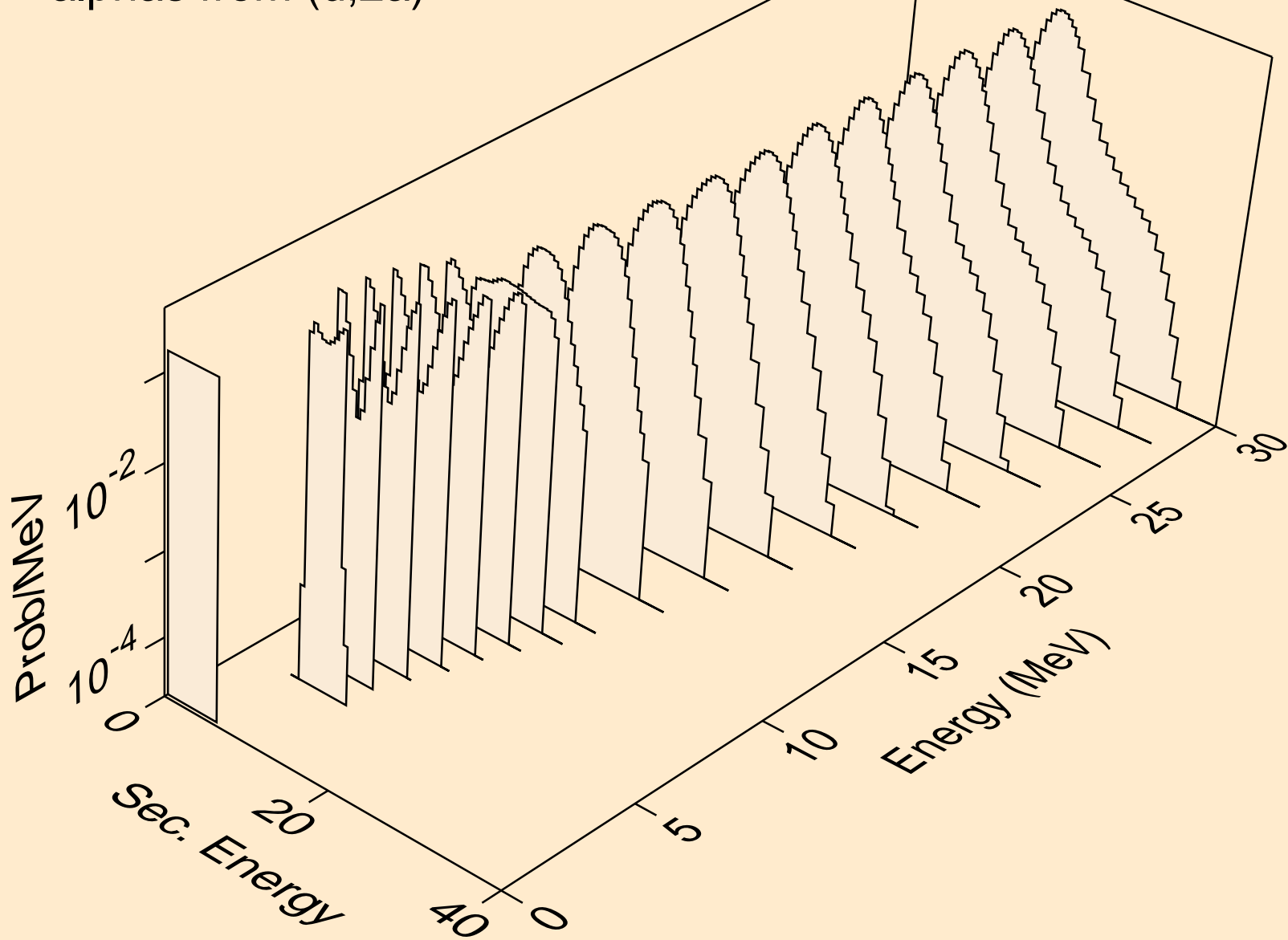




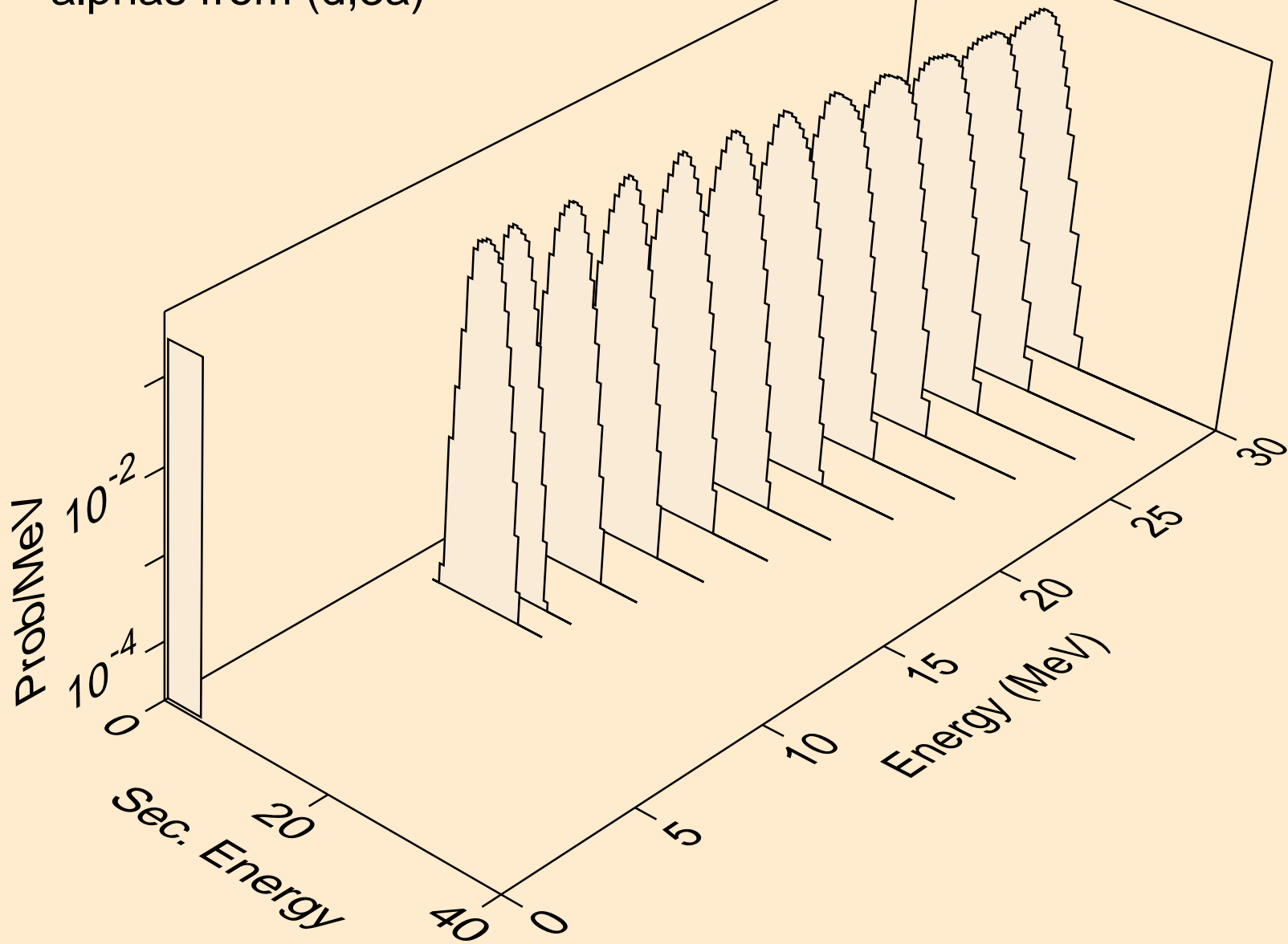
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alphas from (d,a)



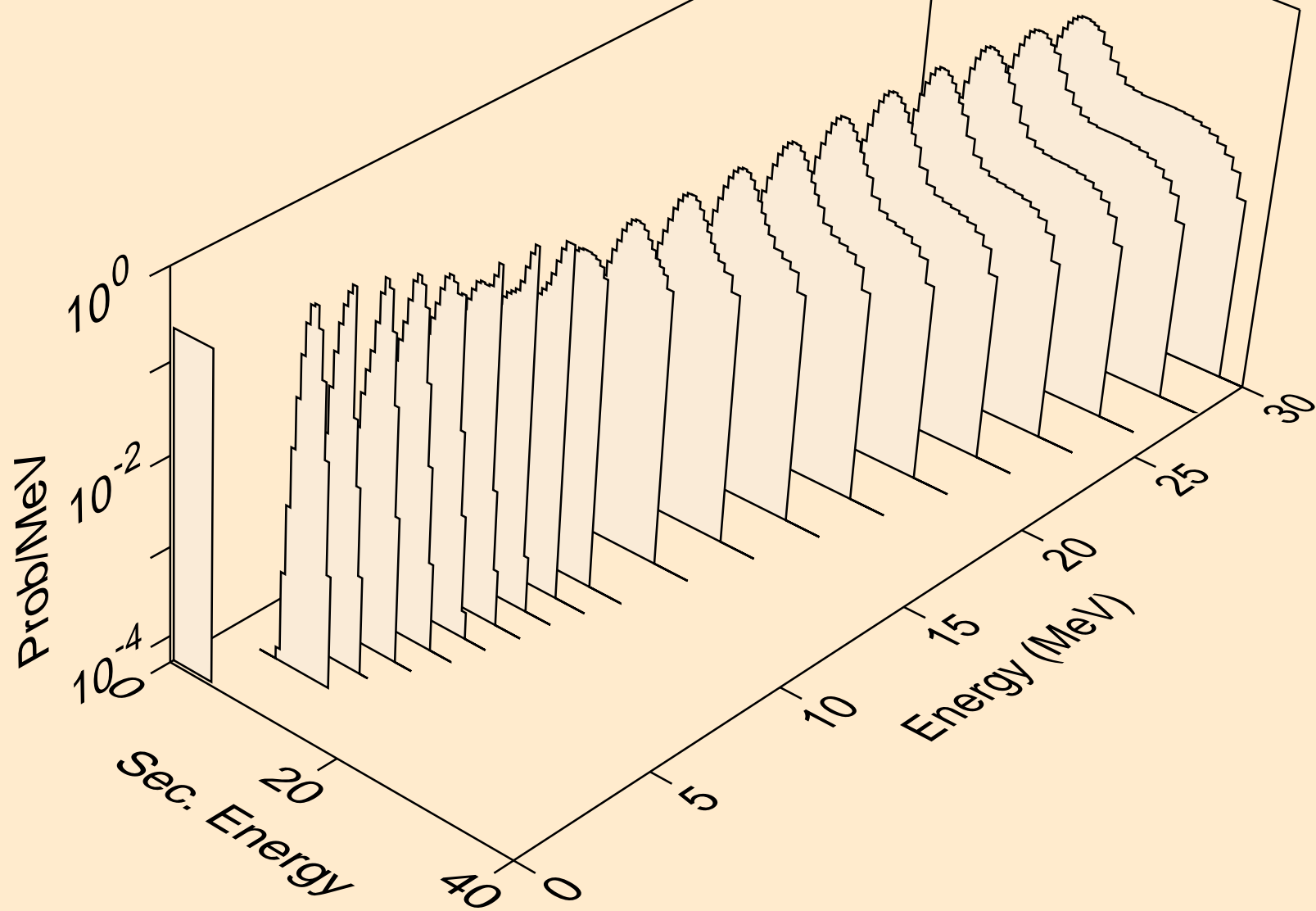
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alphas from (d,2a)



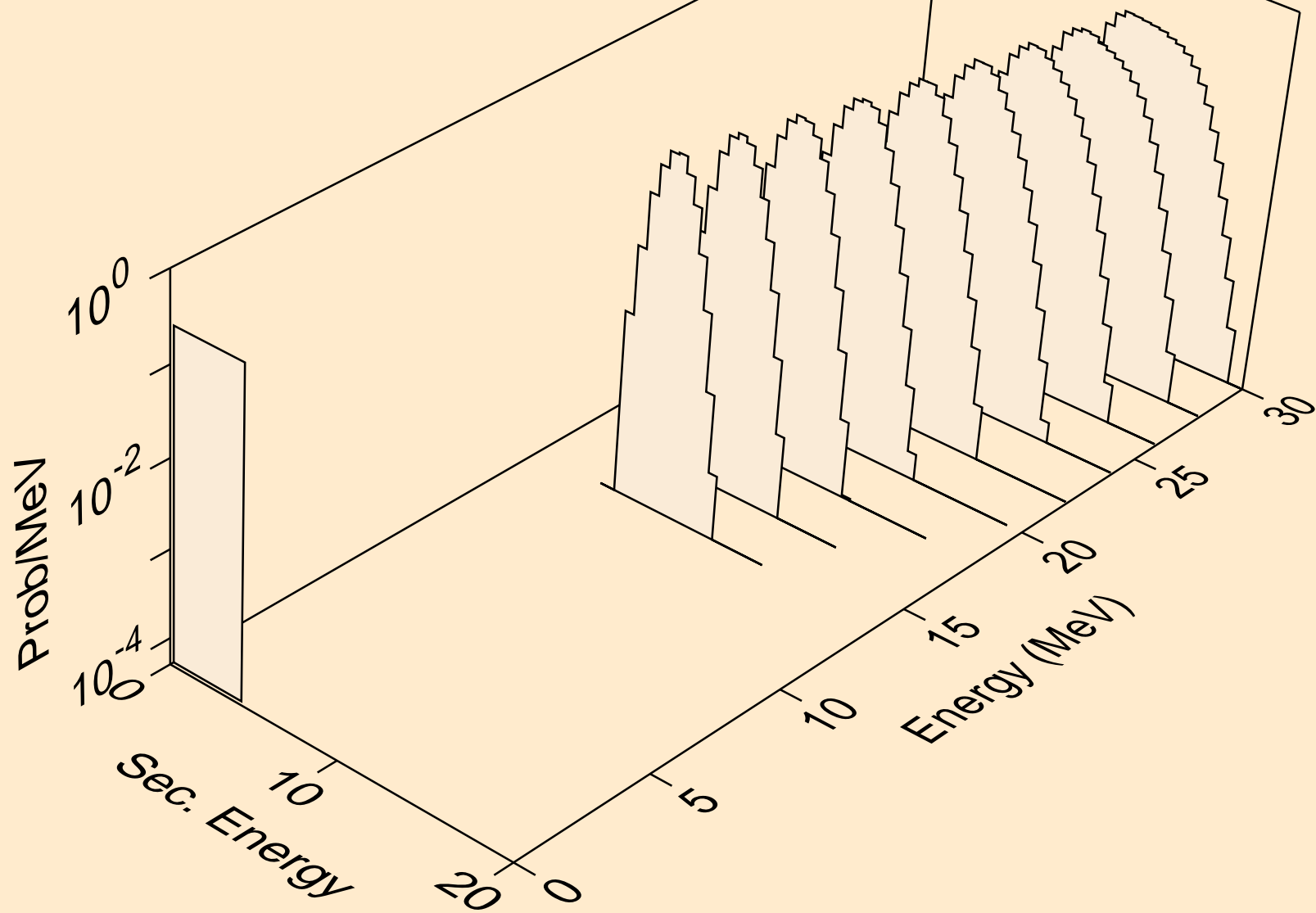
GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,3a)



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,d2a)



GD139M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

