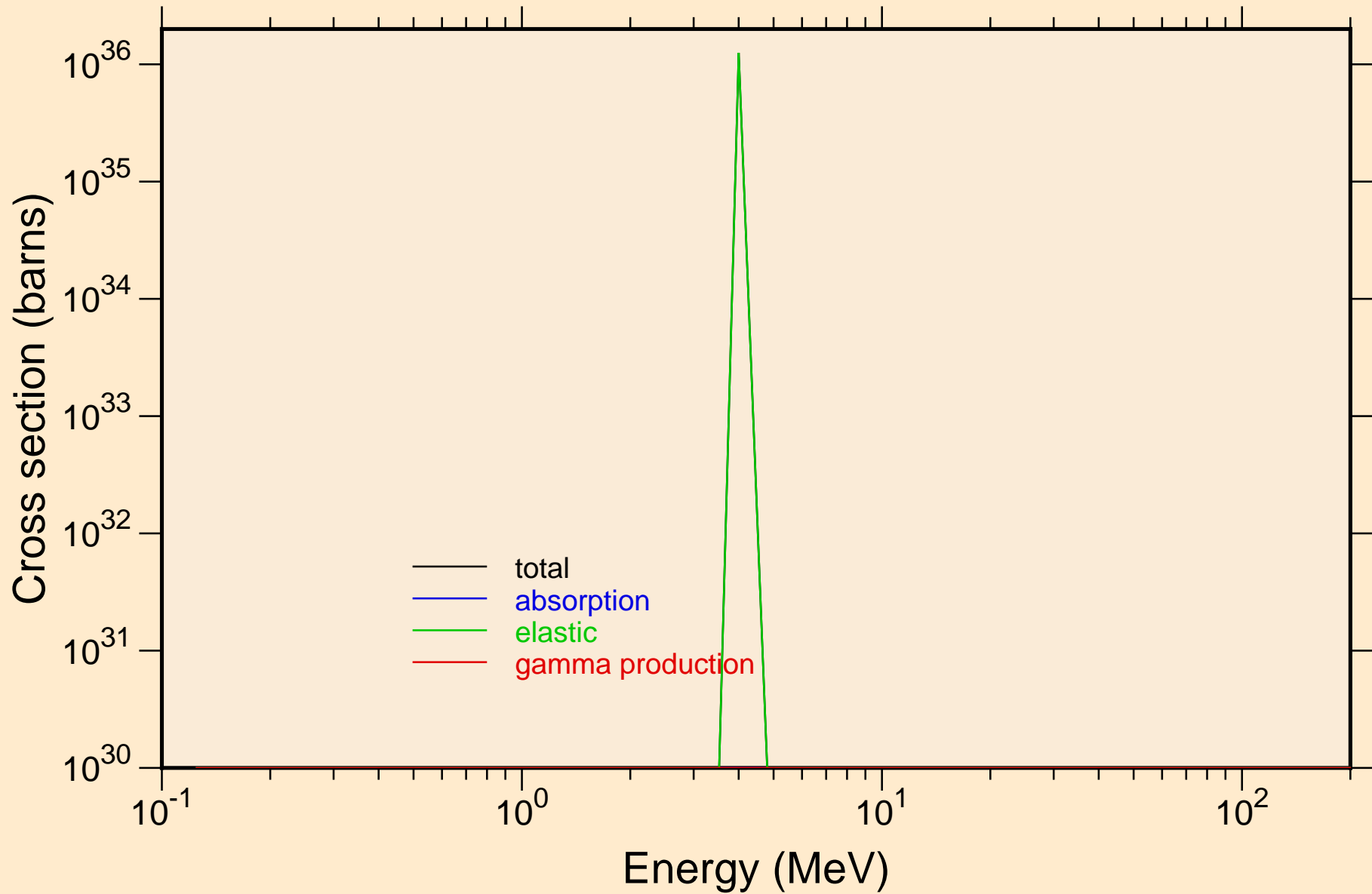


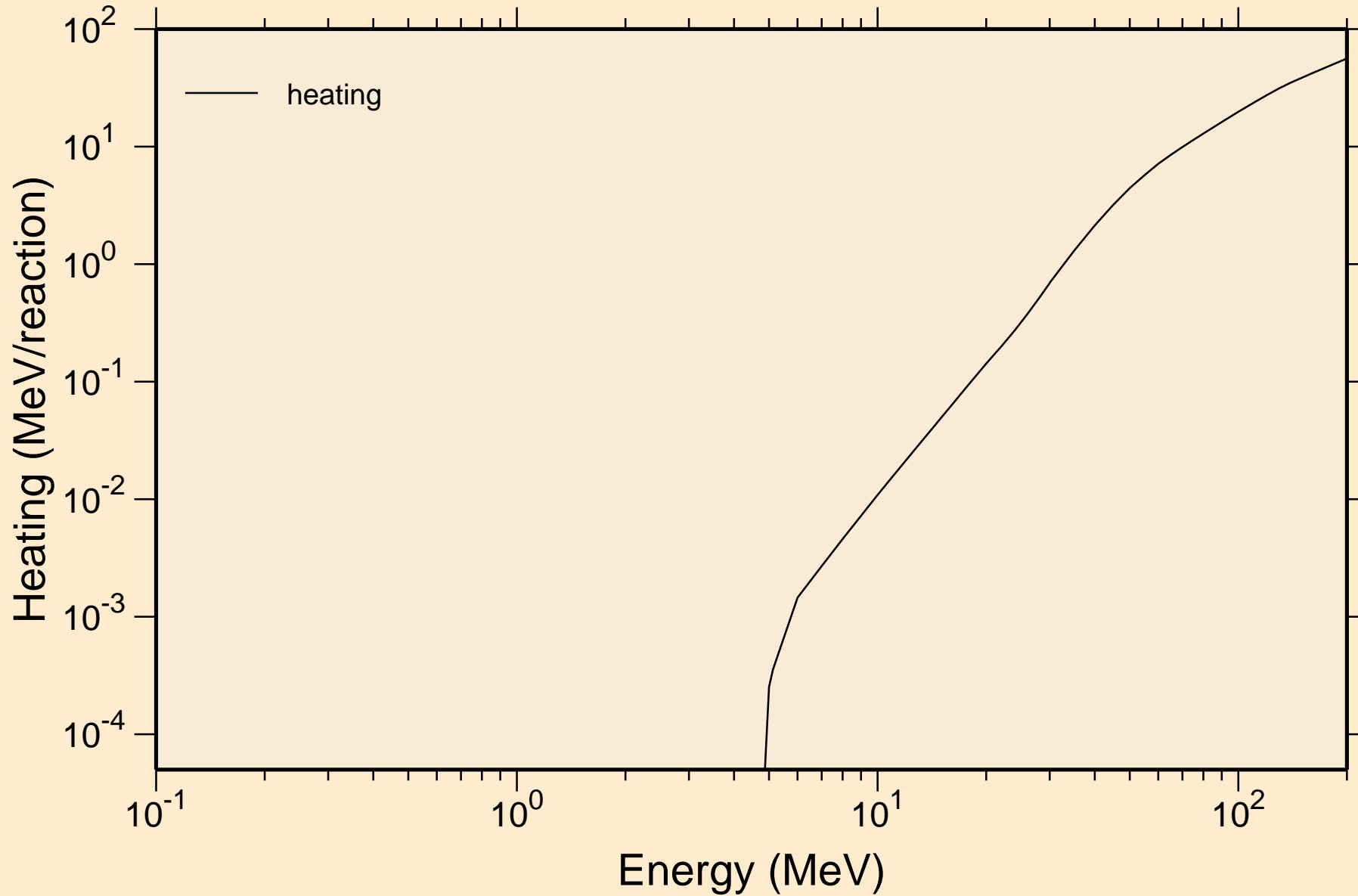
# RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



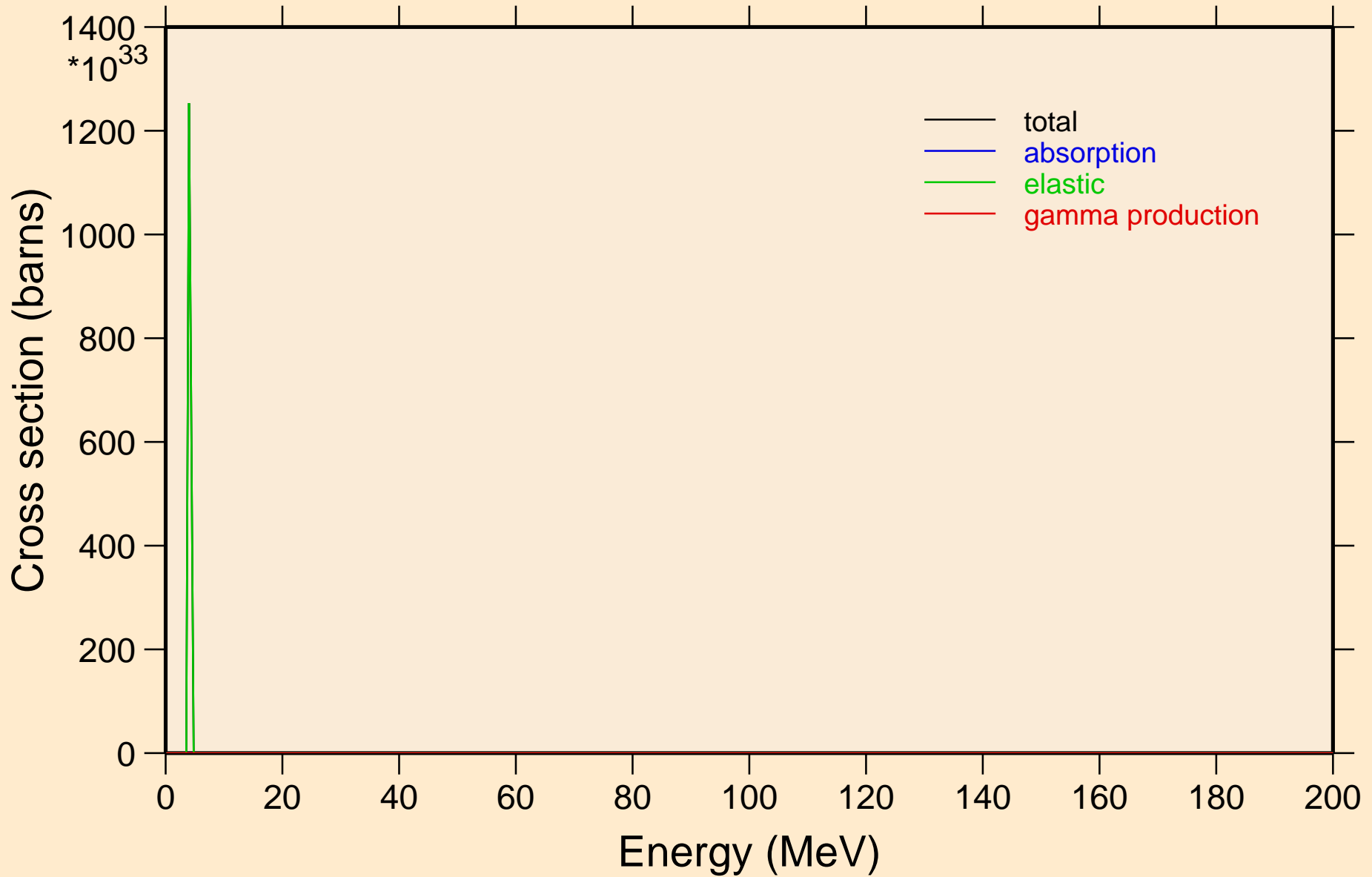
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## Heating



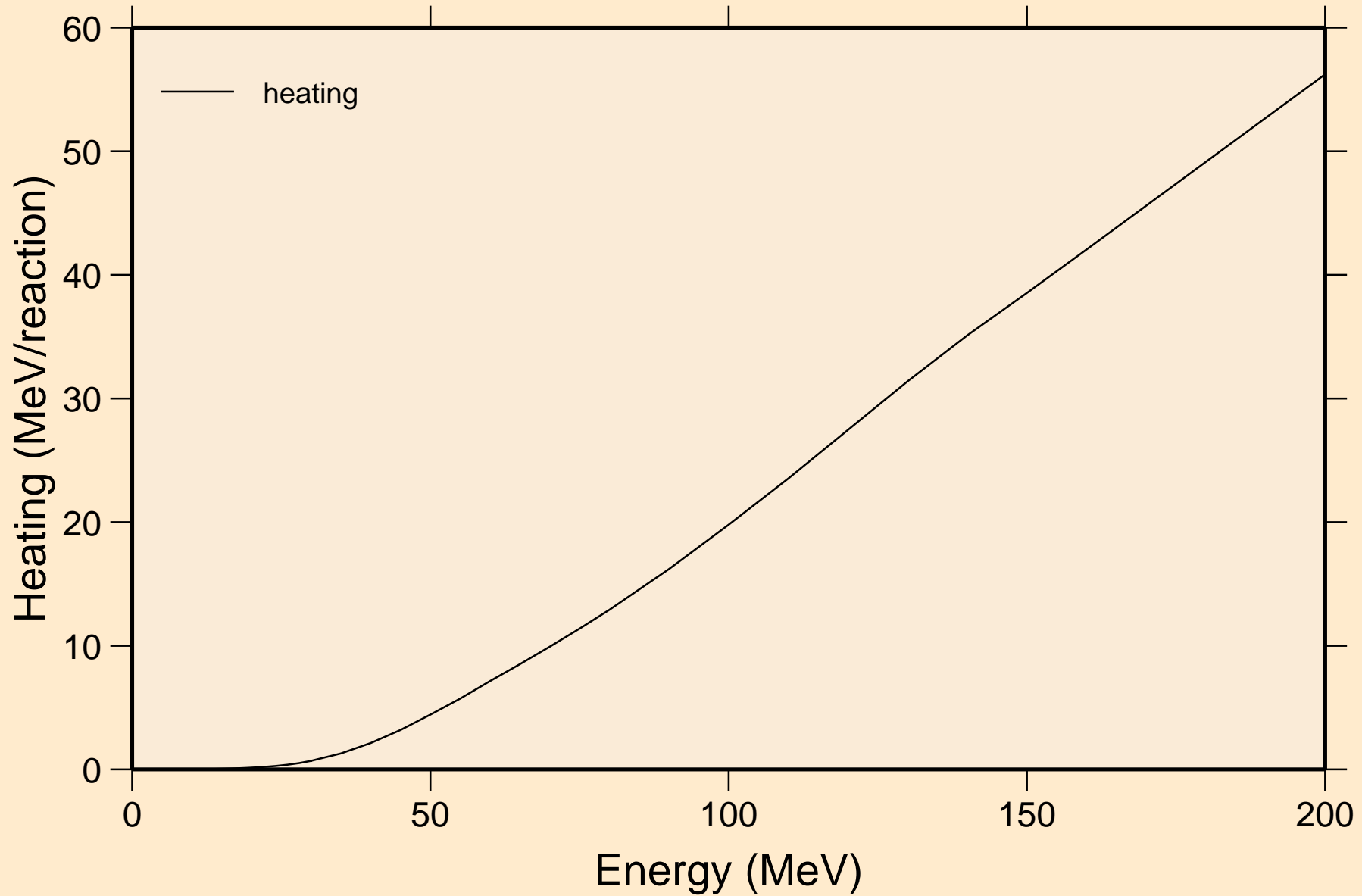
# RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



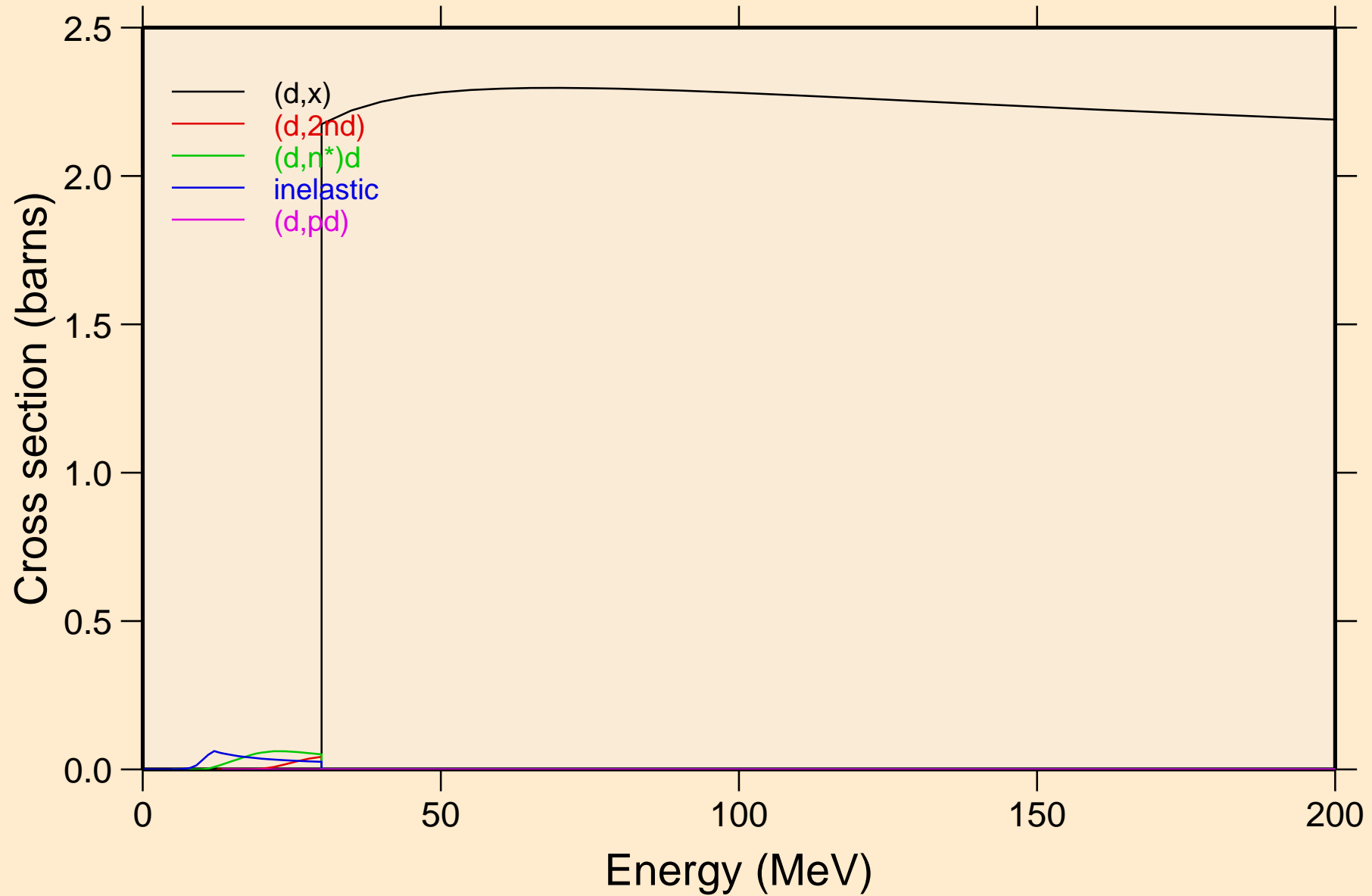
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## Heating

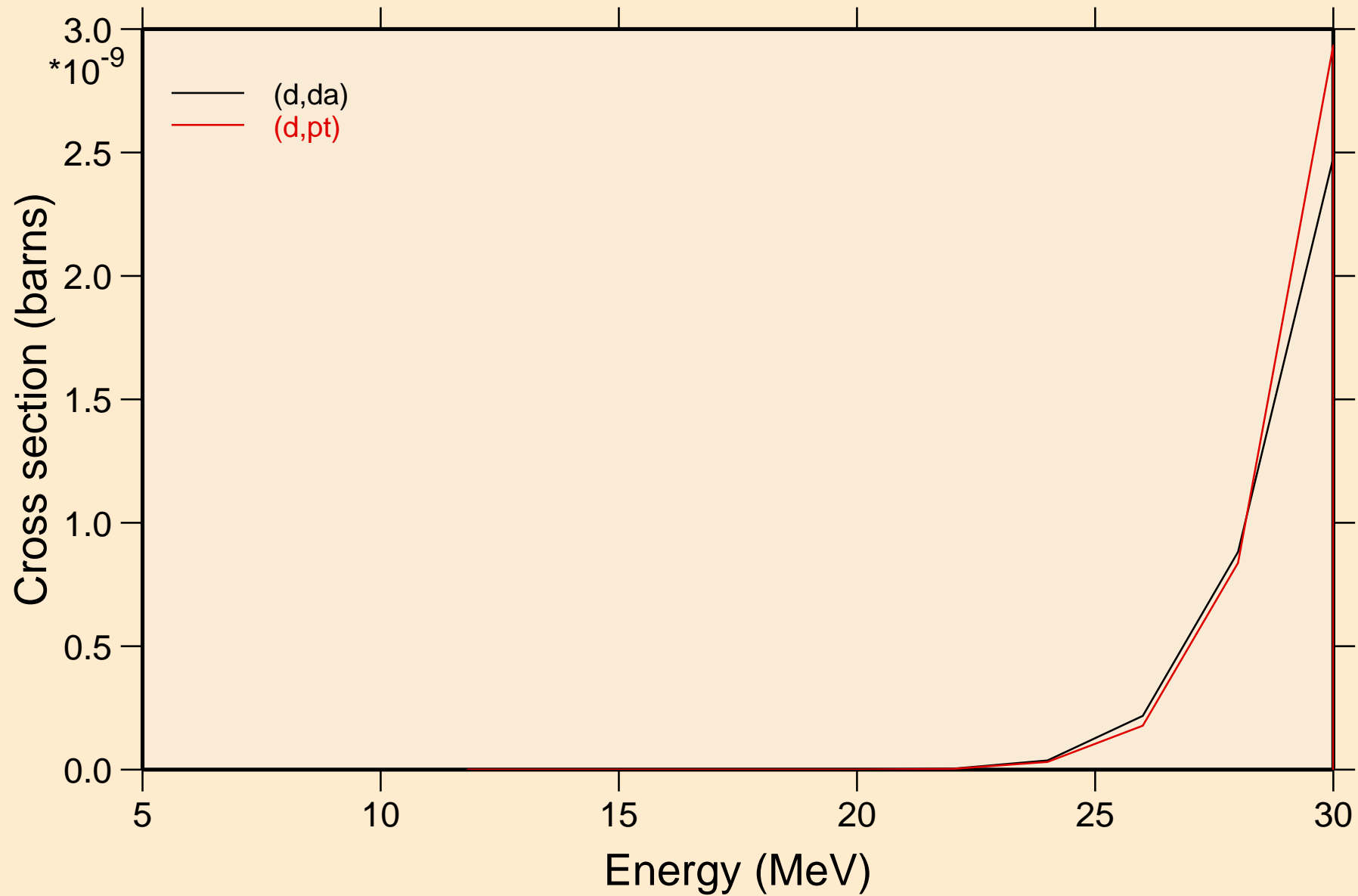


# RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

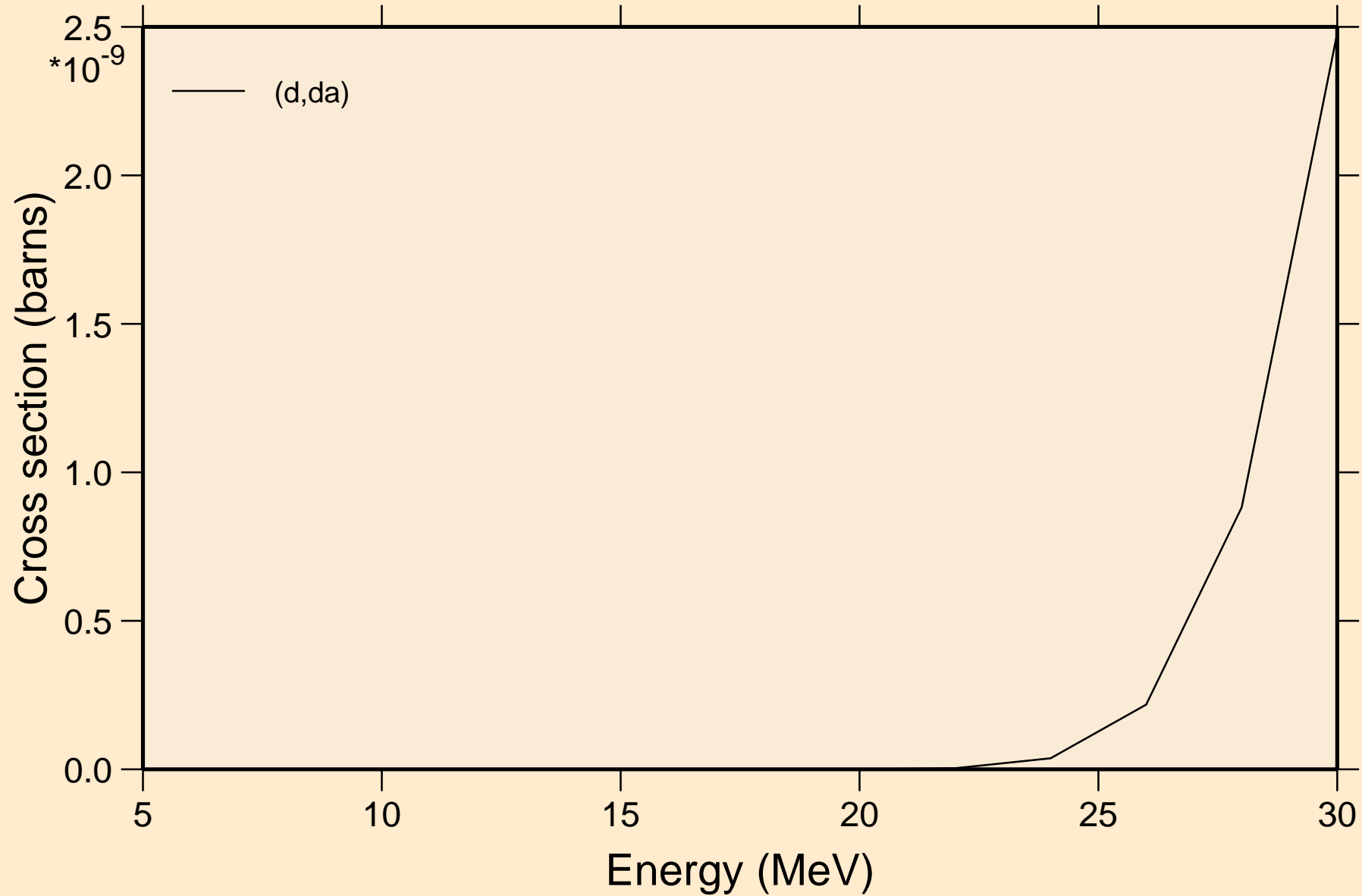
## Threshold reactions



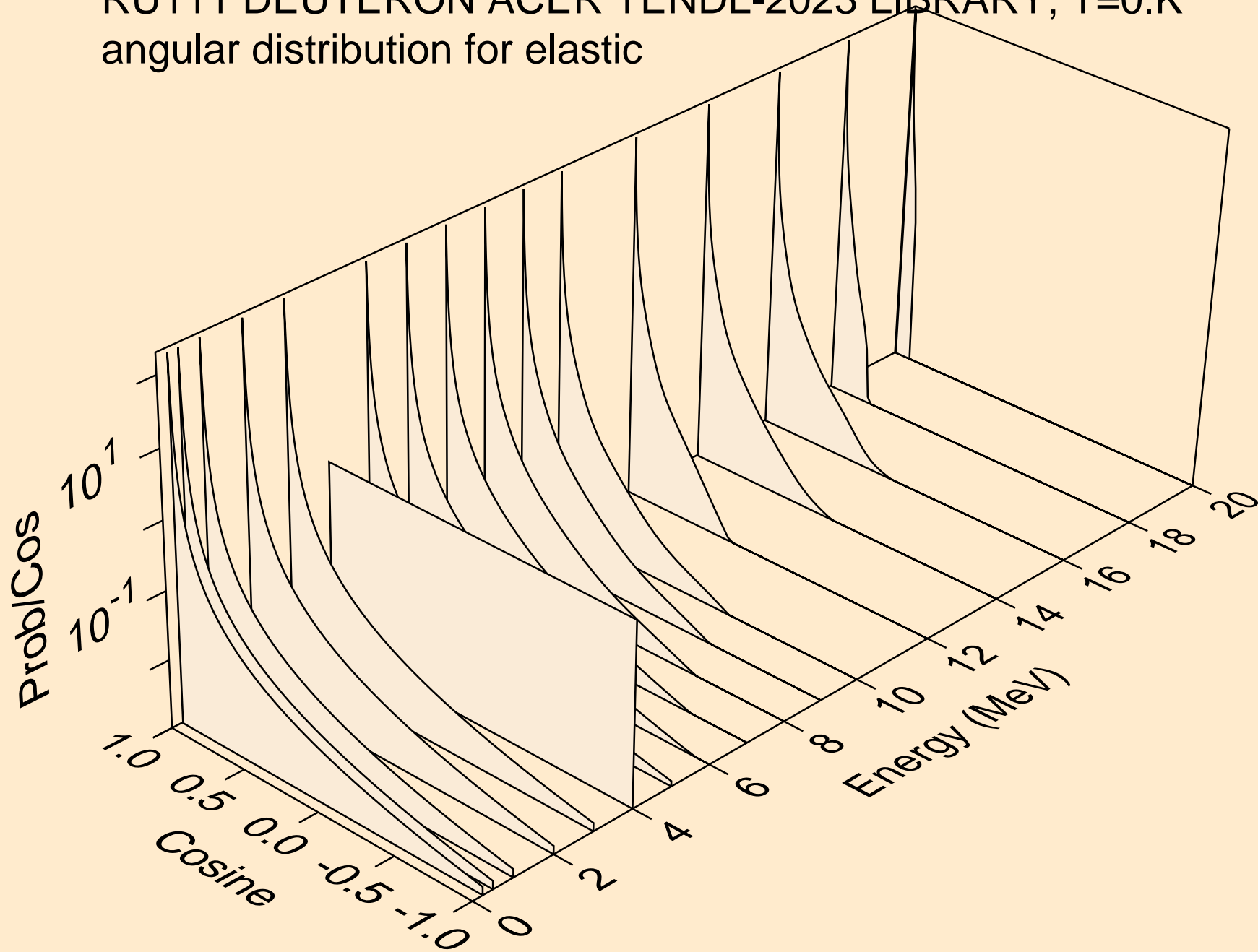
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

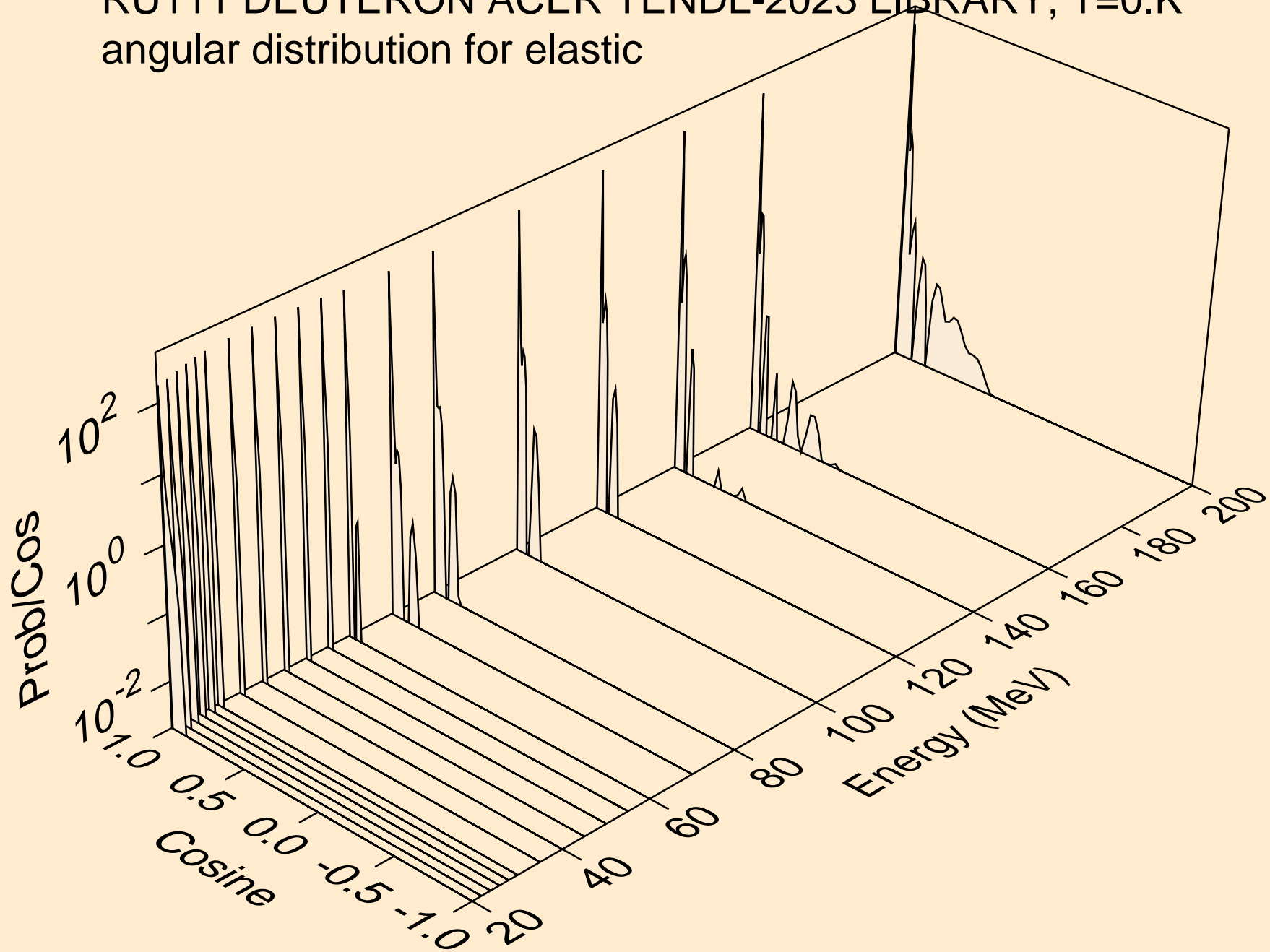


RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

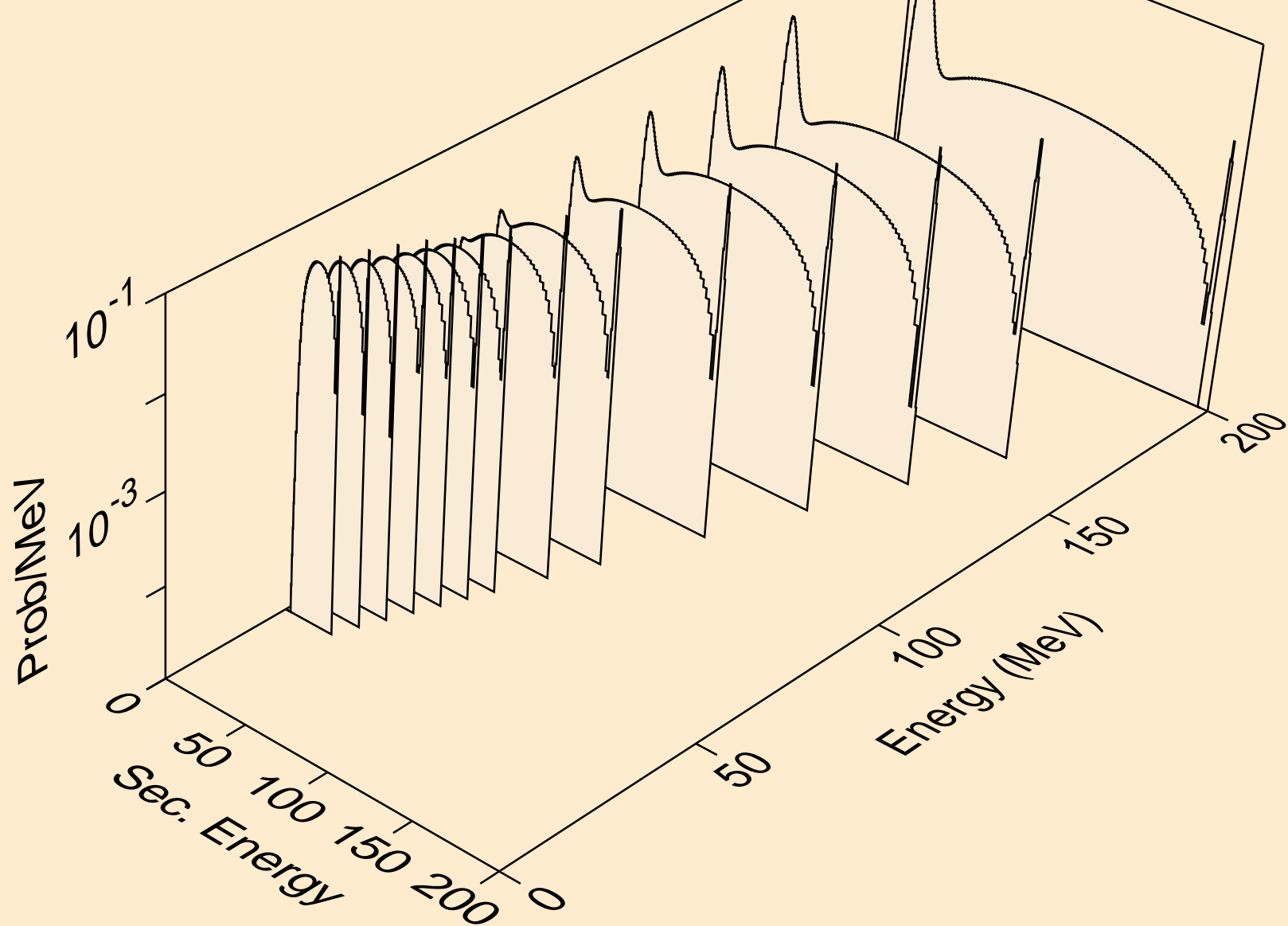




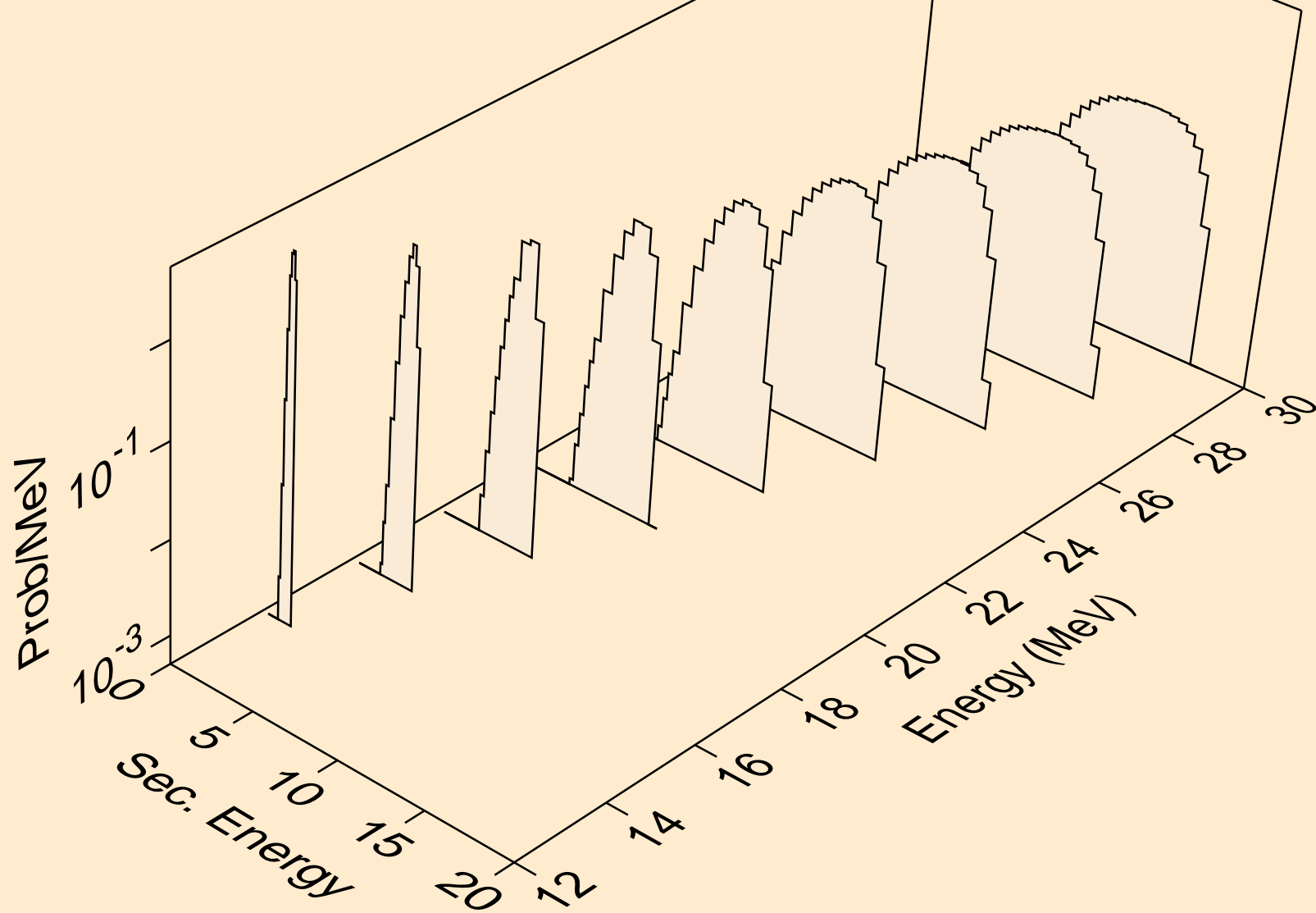
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



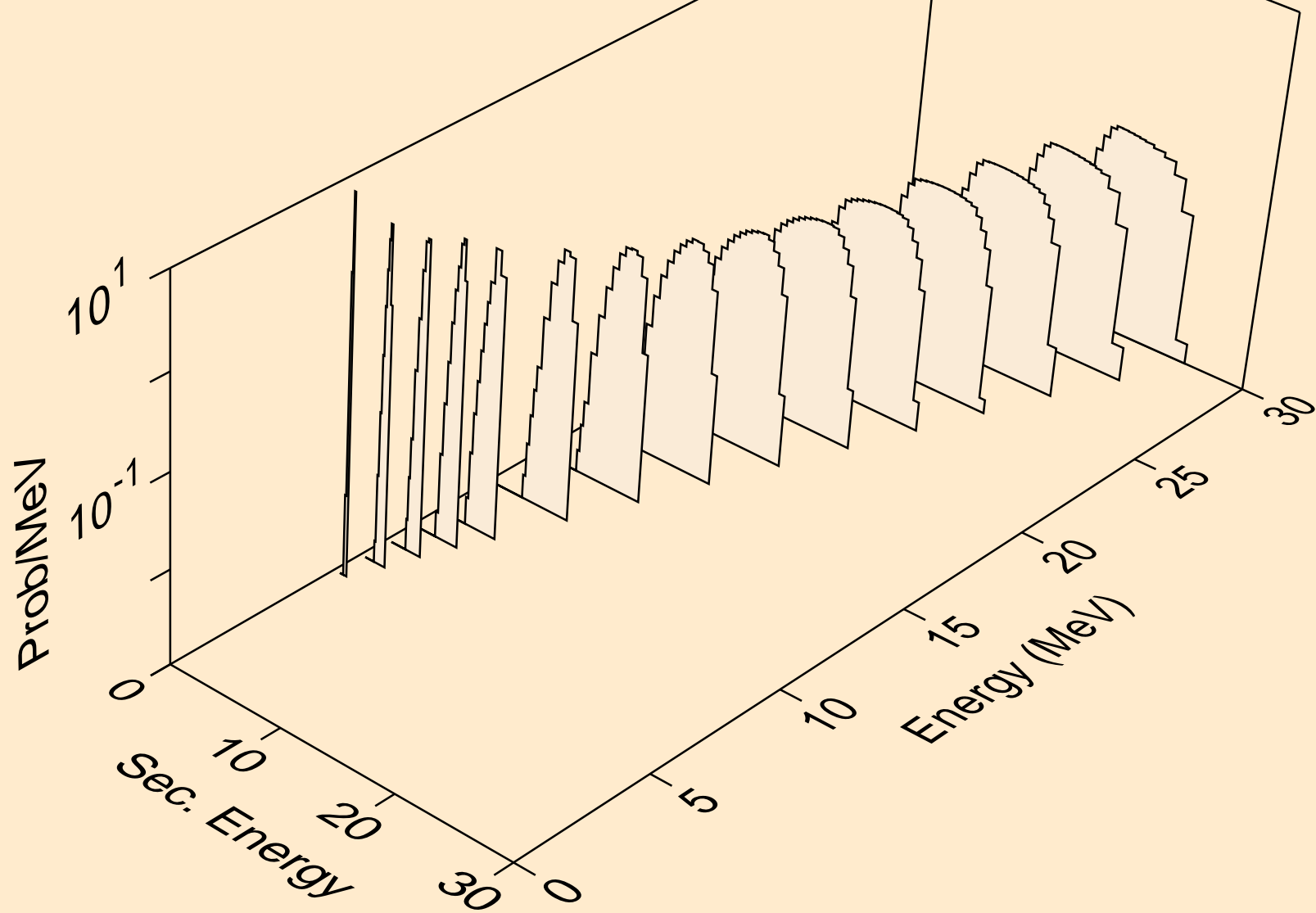
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,x)



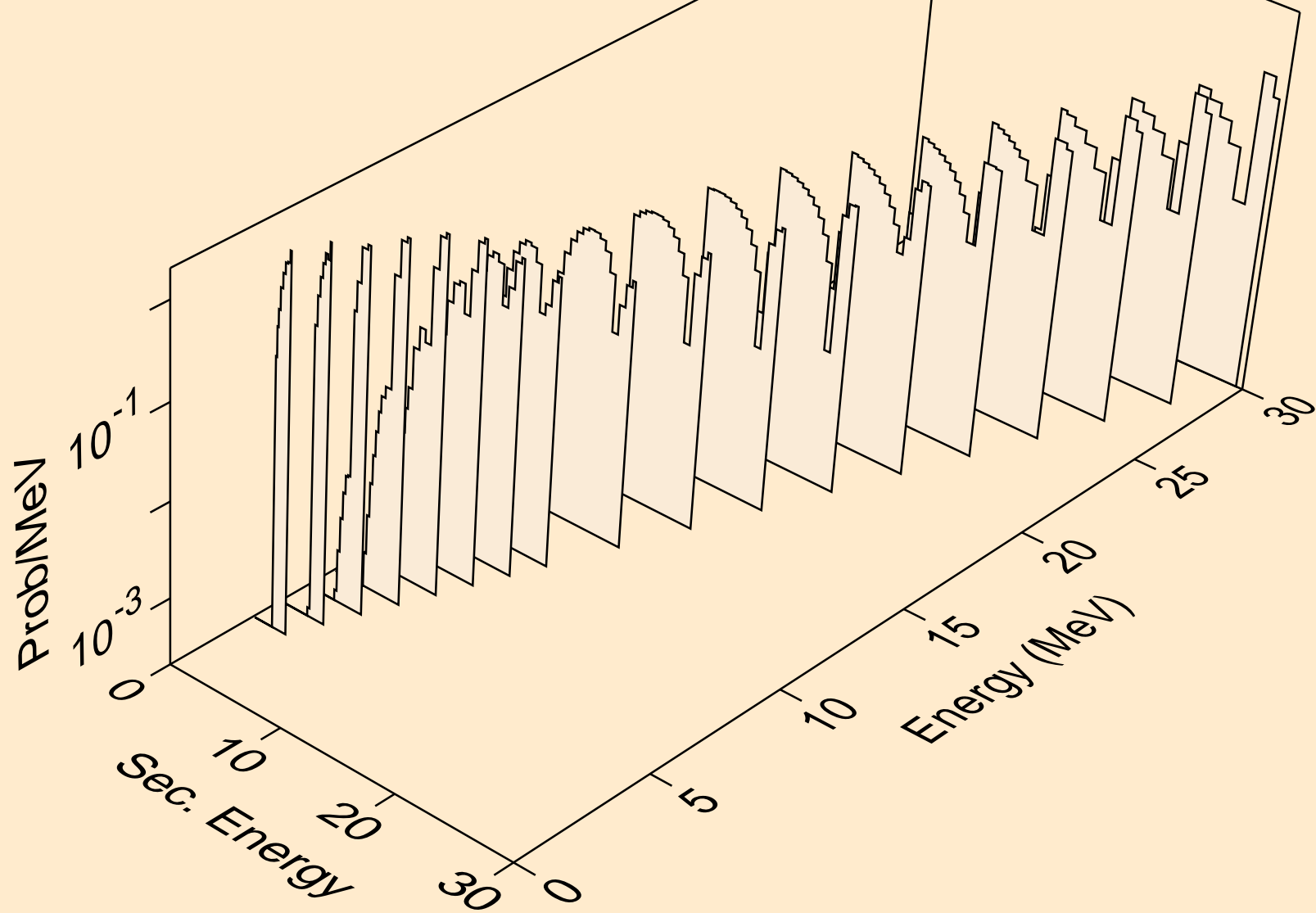
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,2nd)



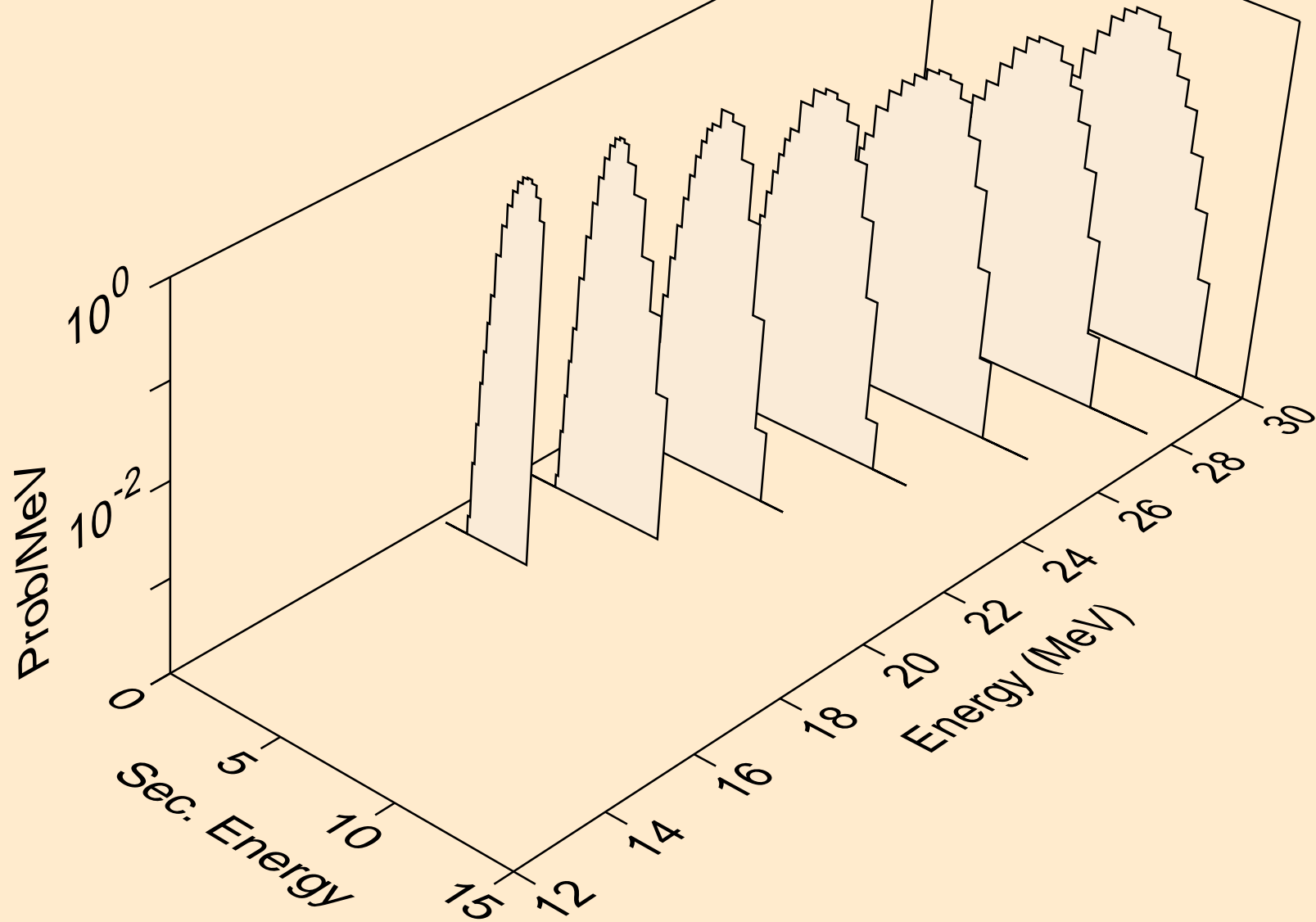
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,n\*)d



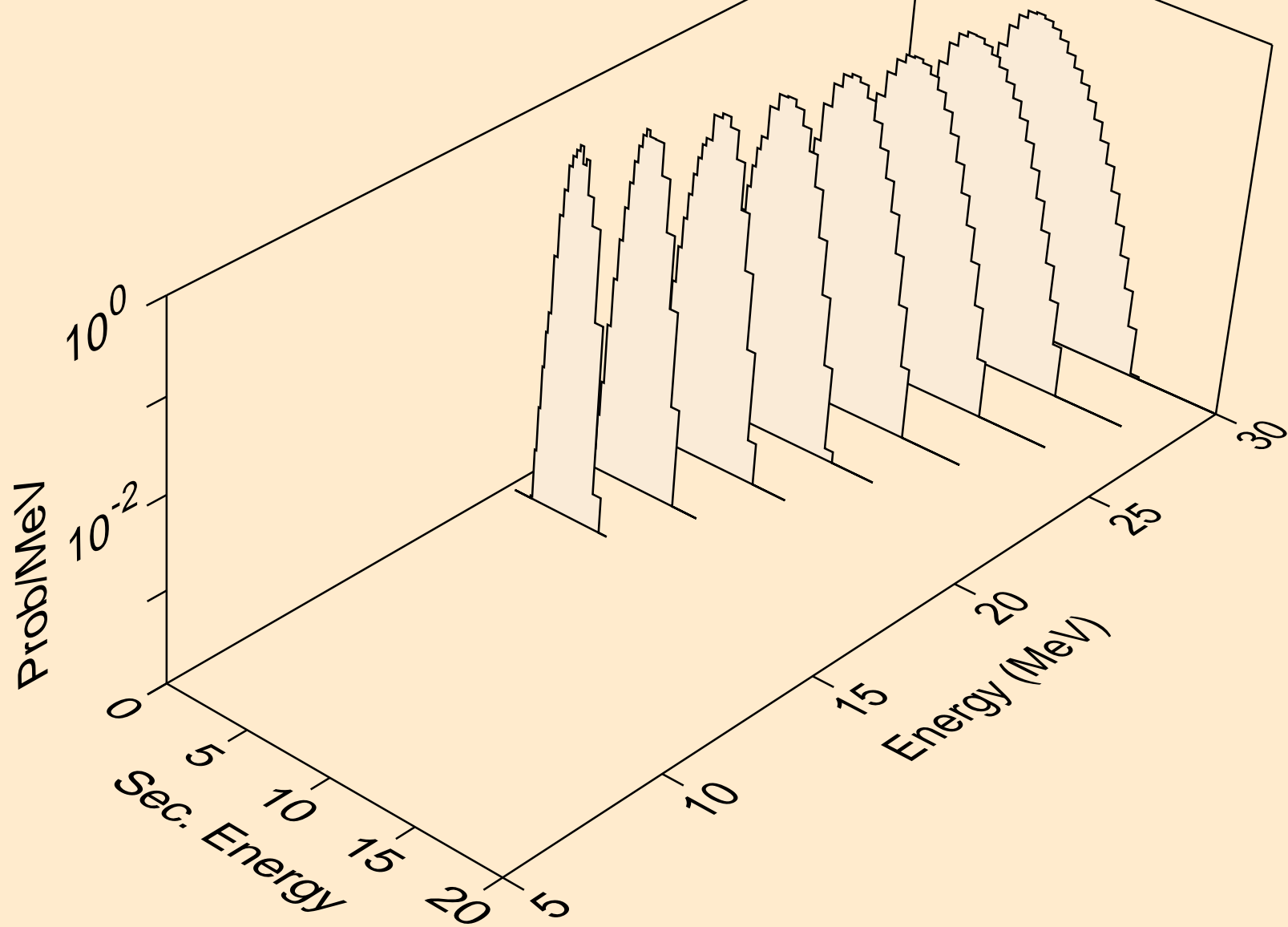
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



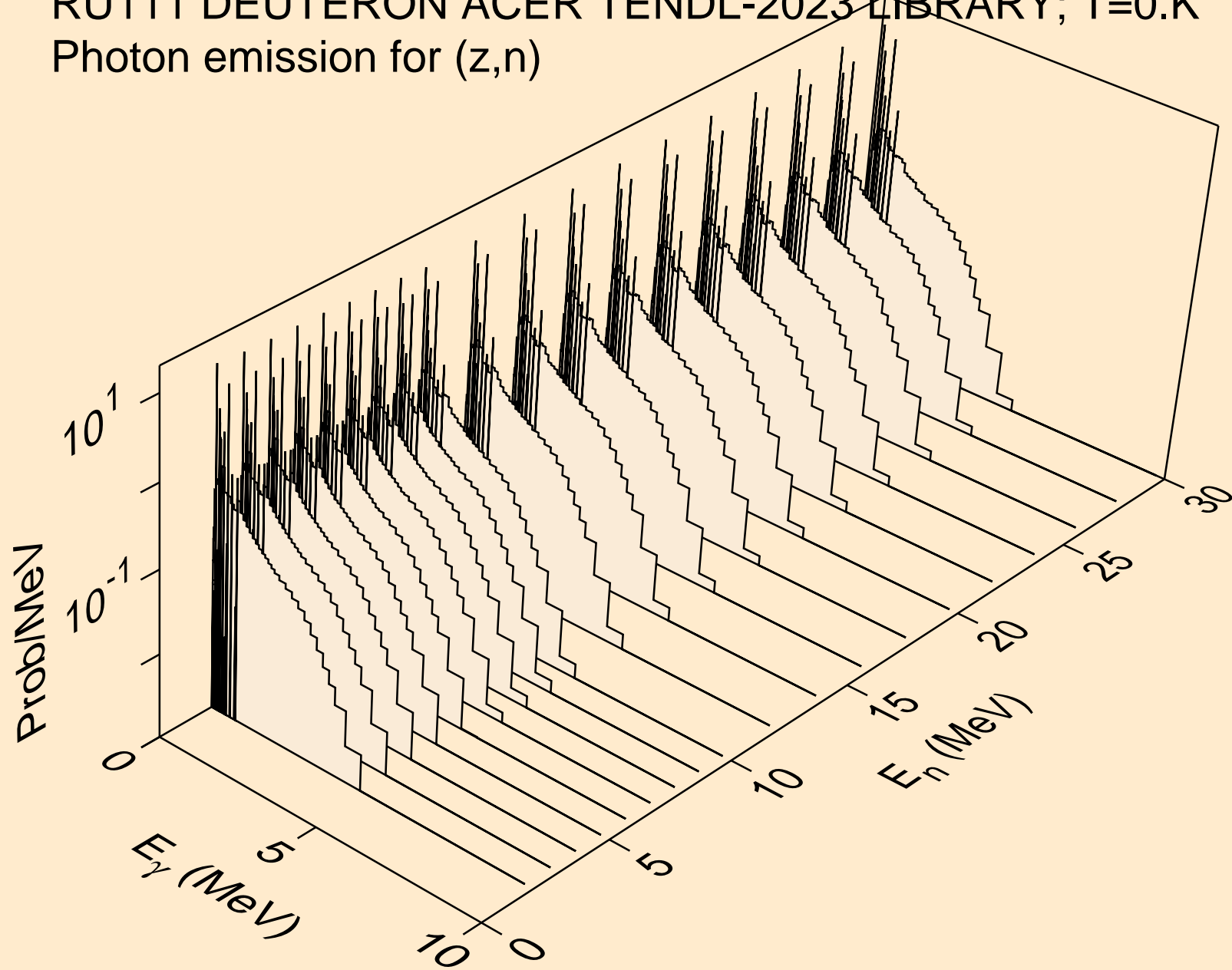
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)



RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,da)

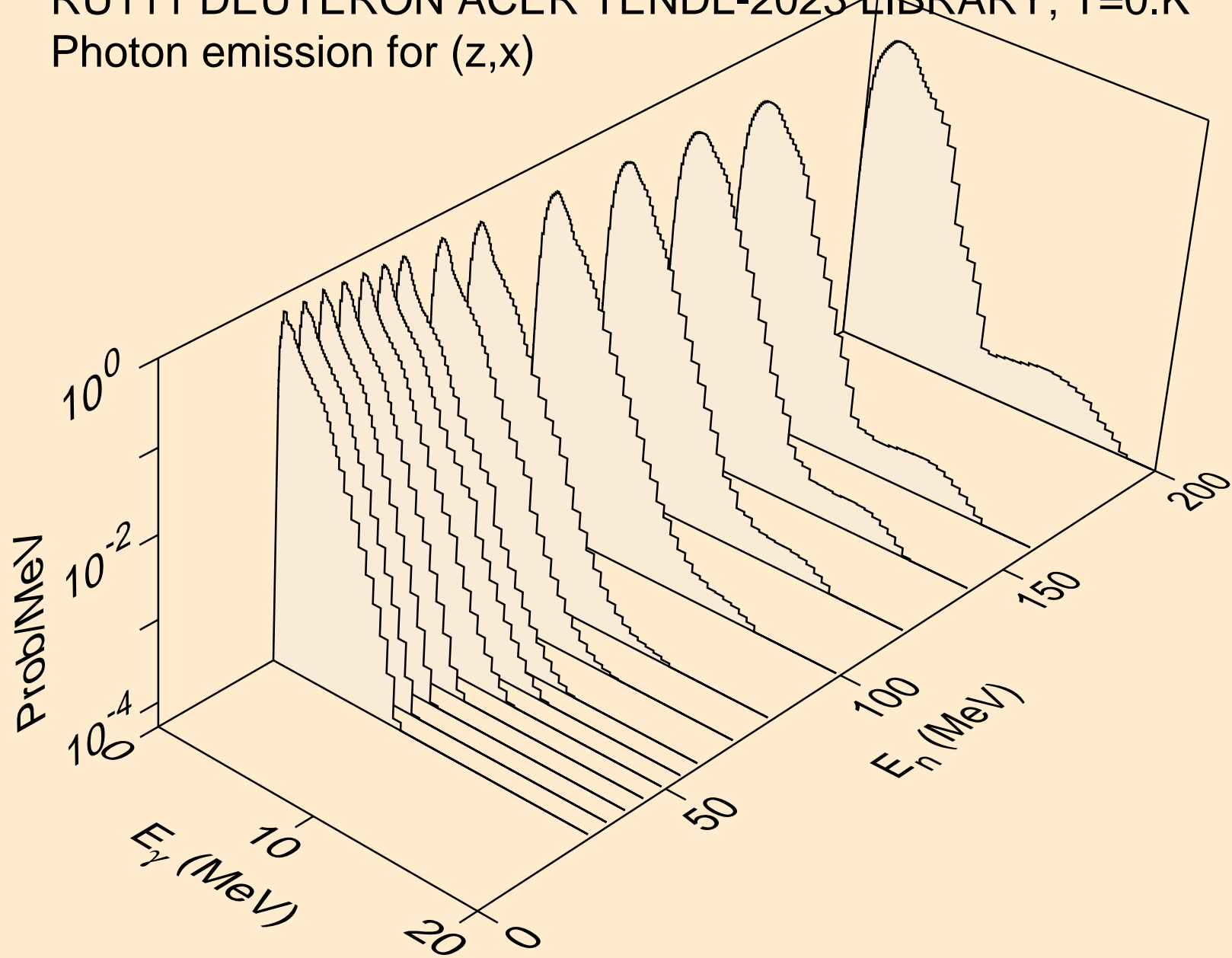


RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

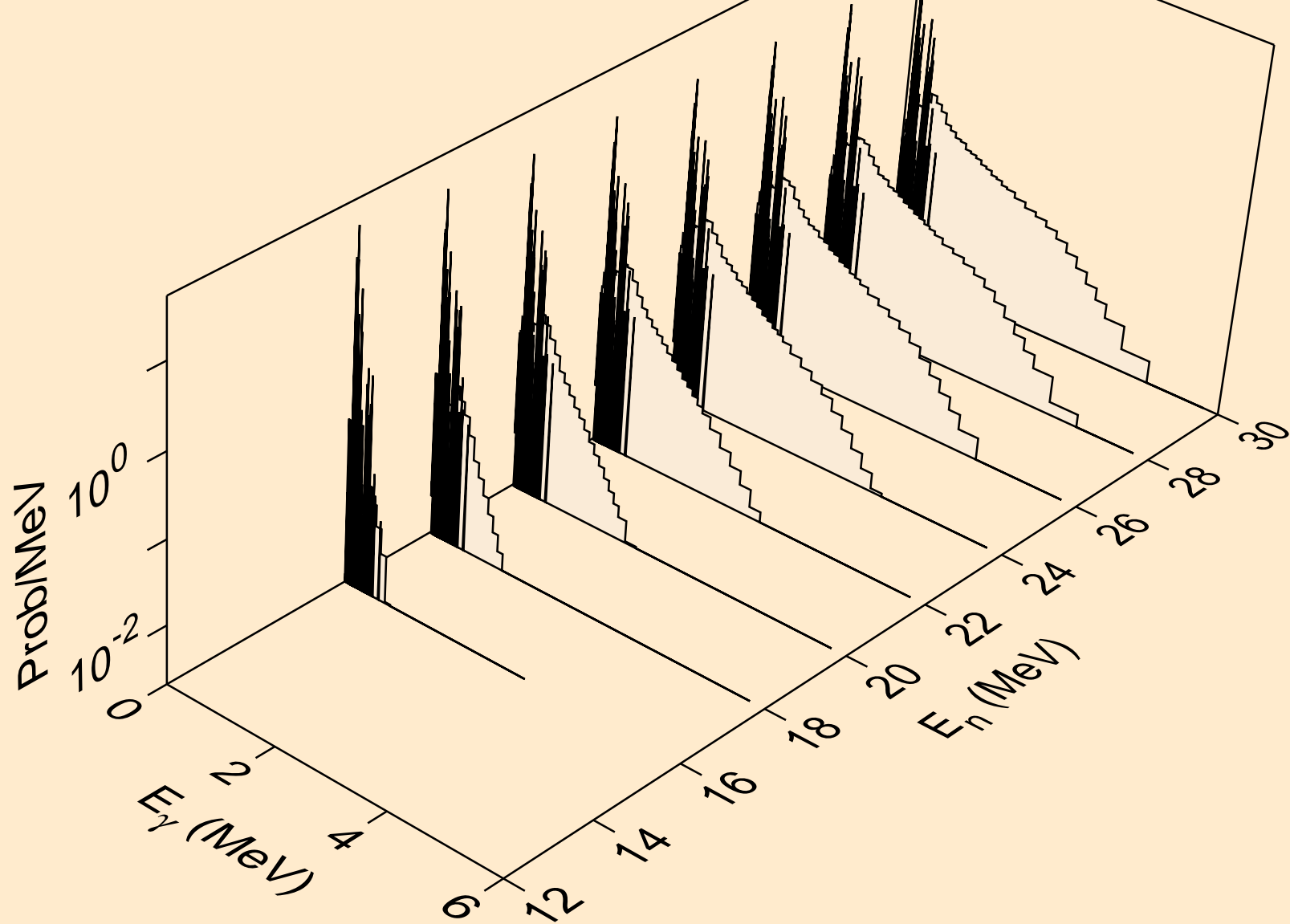




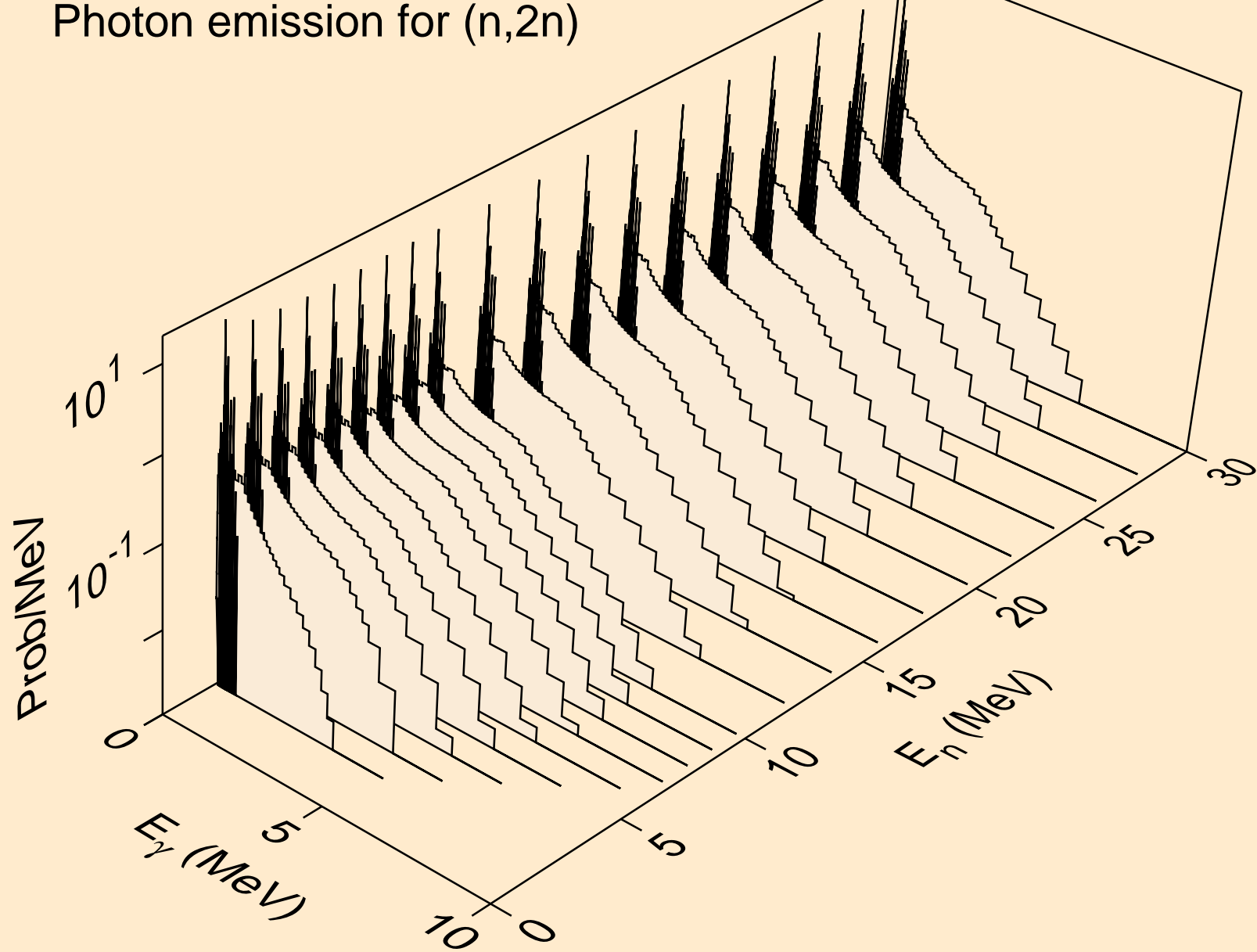
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Photon emission for (z,x)



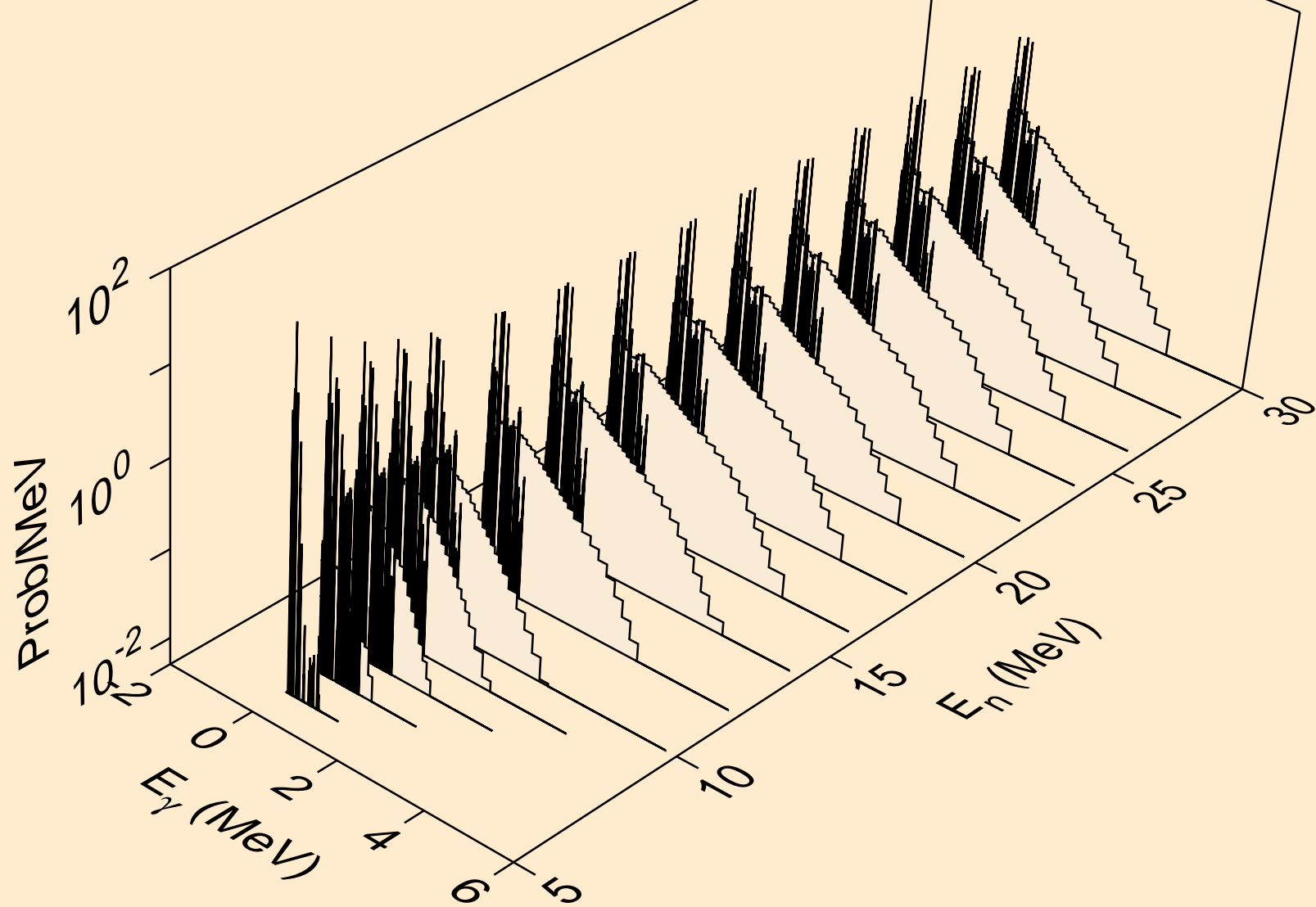
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



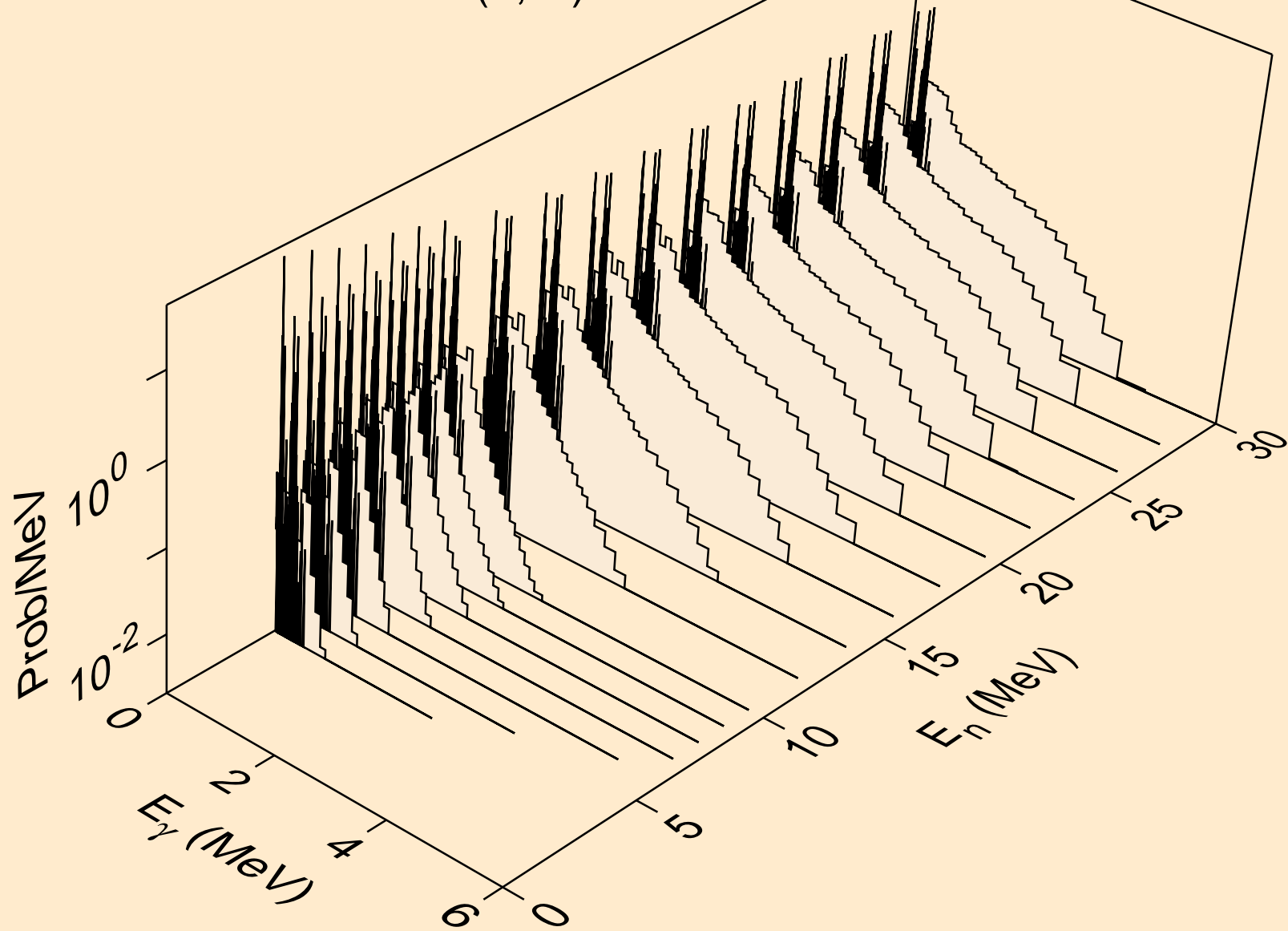
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Photon emission for (n,2n)



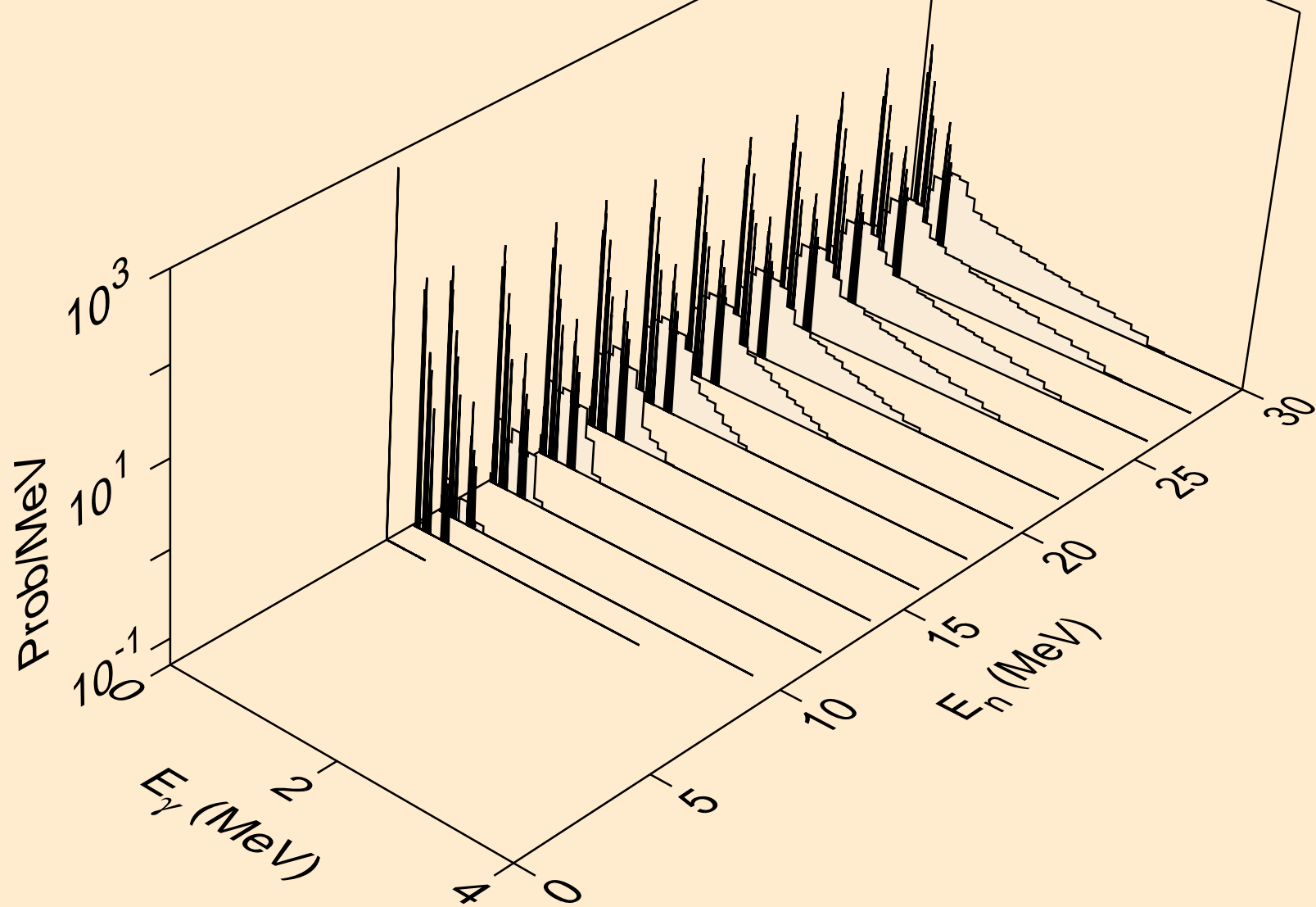
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Photon emission for (n,3n)



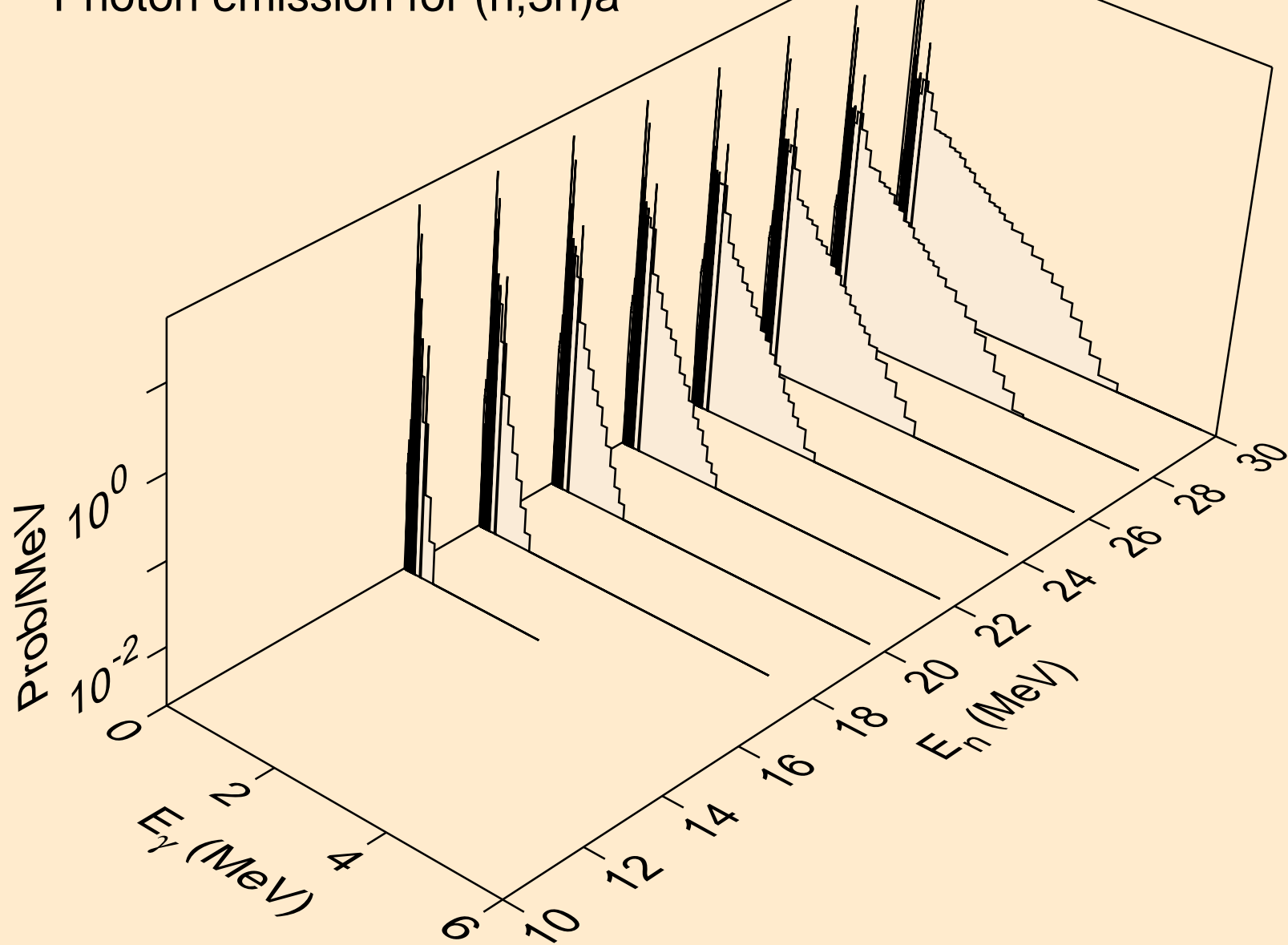
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



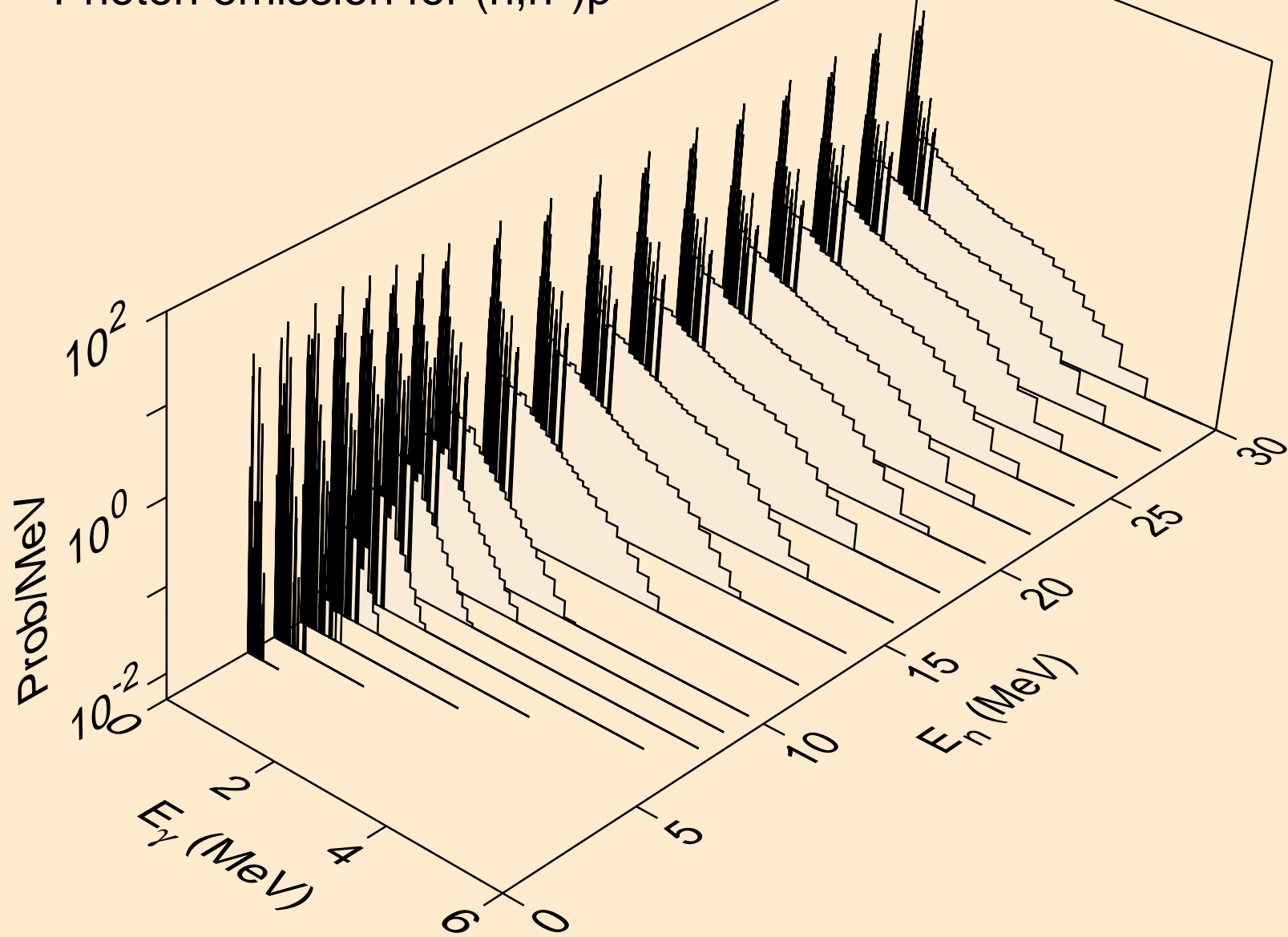
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

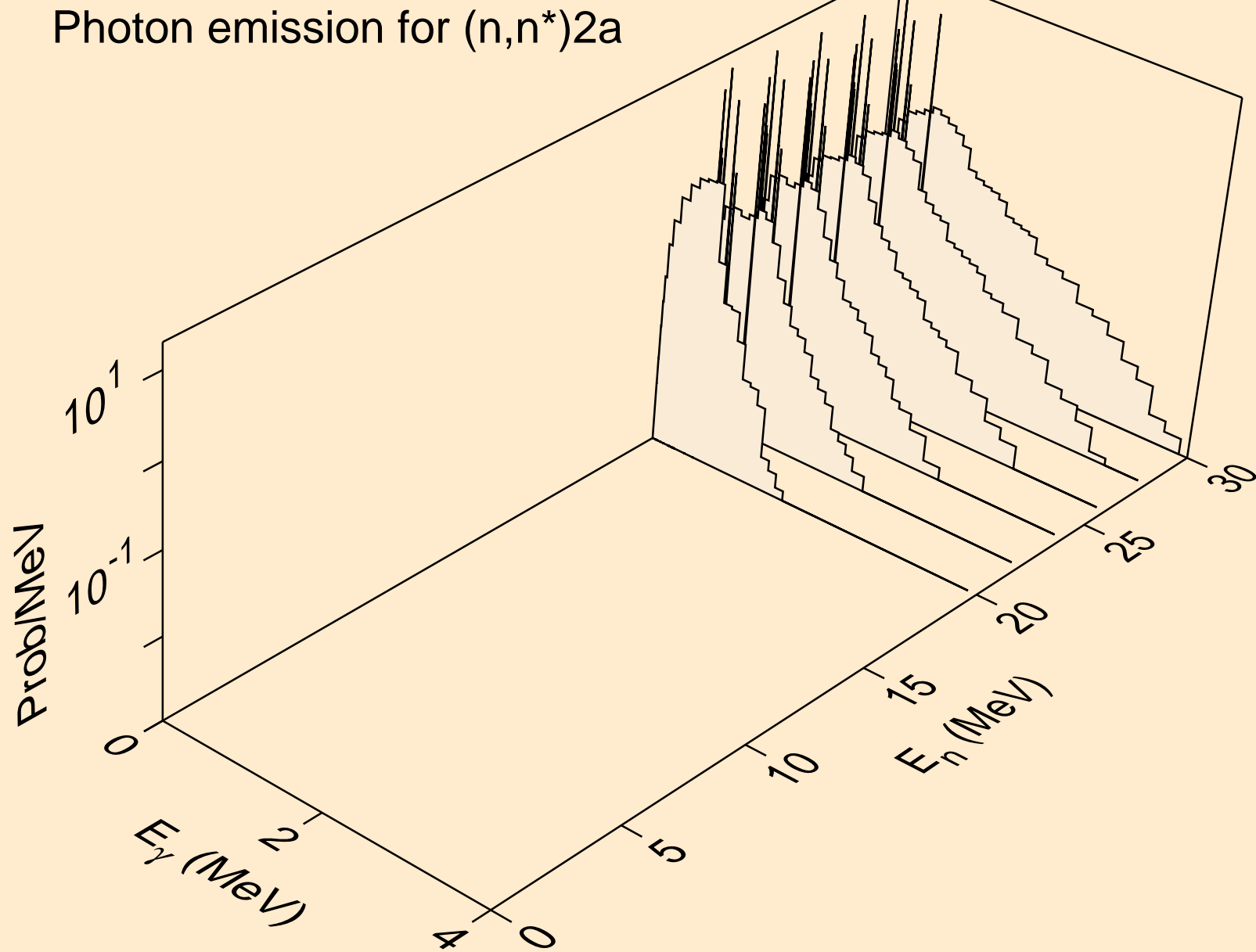


RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

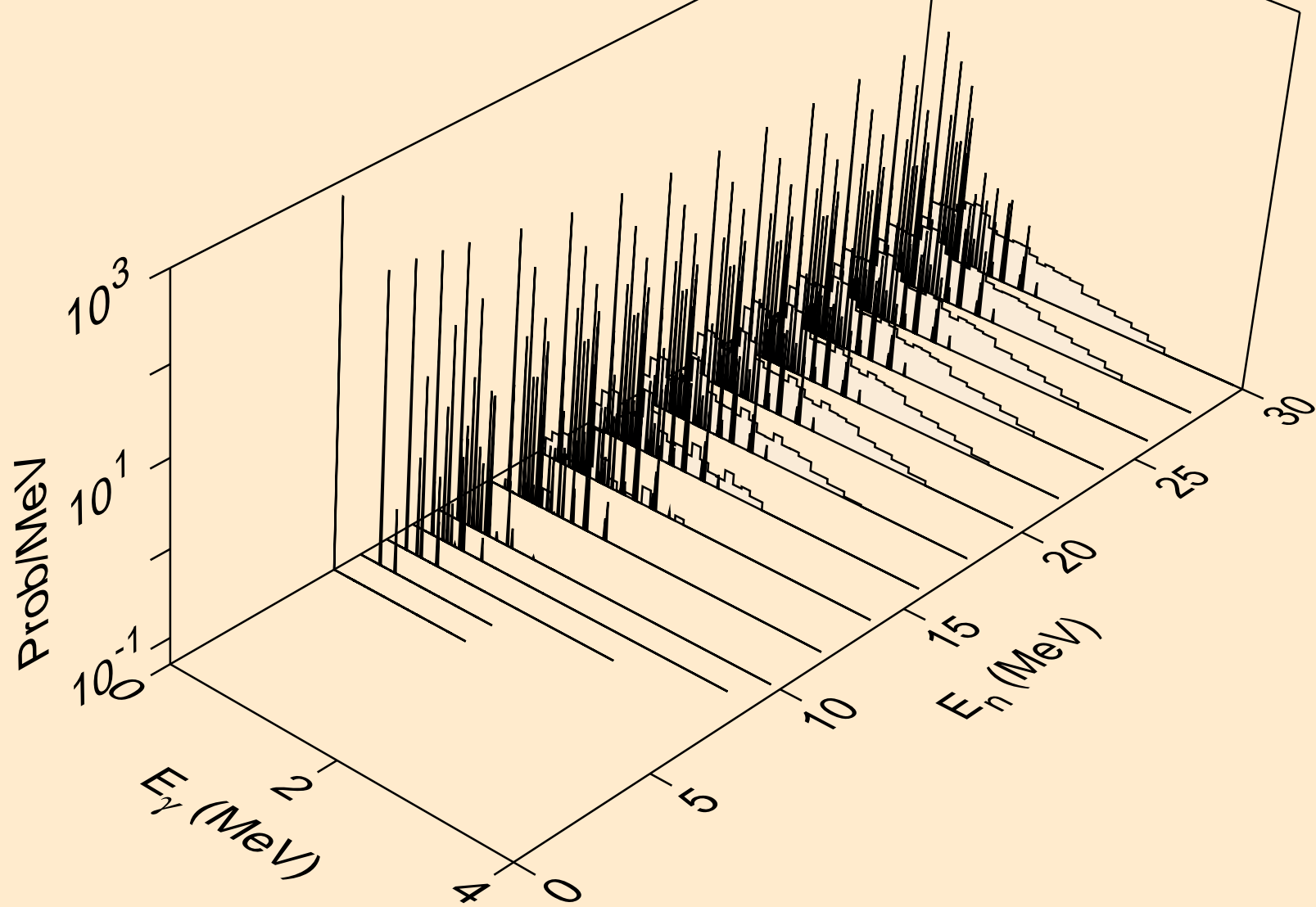




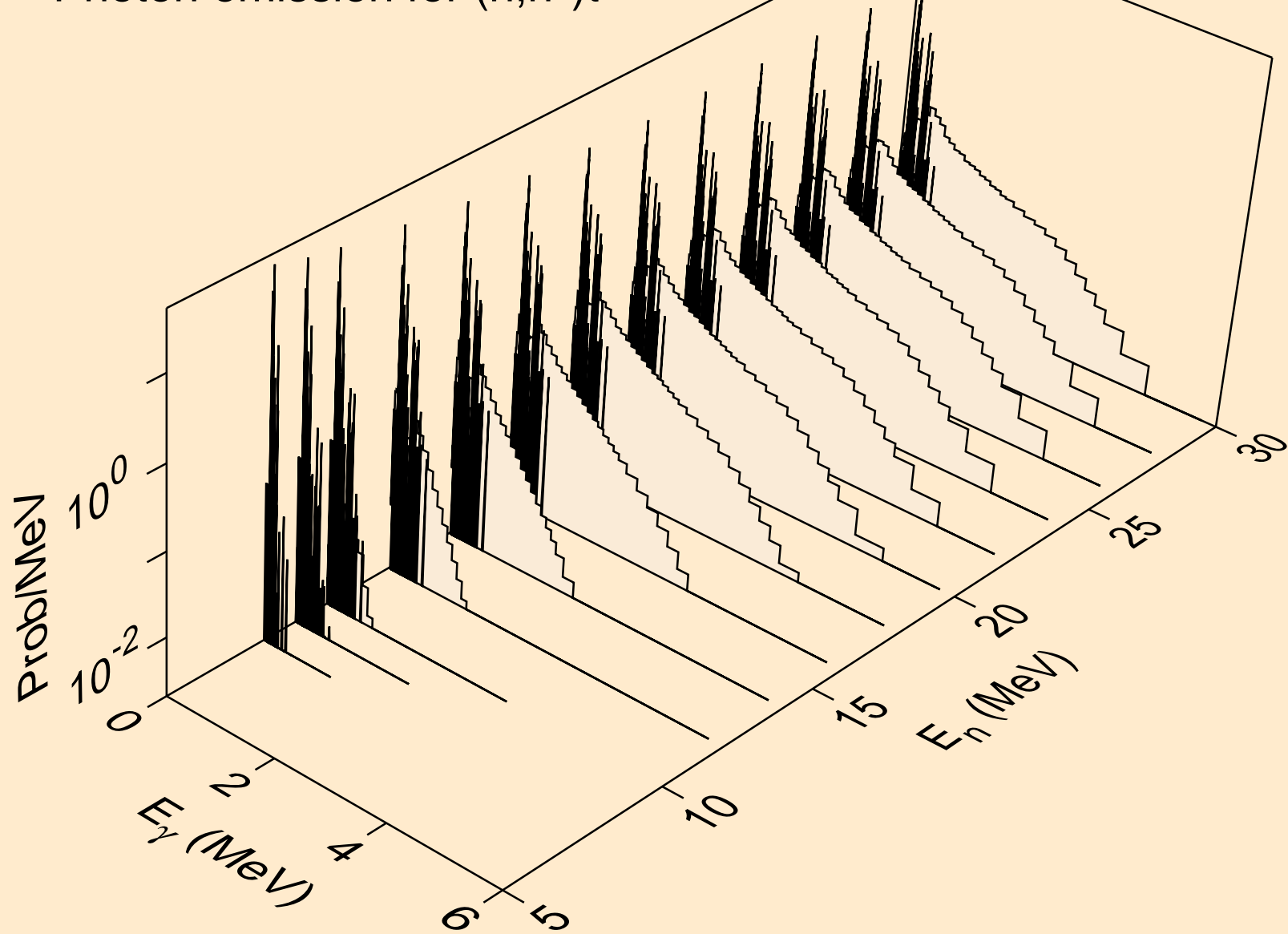
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Photon emission for (n,n\*)2a



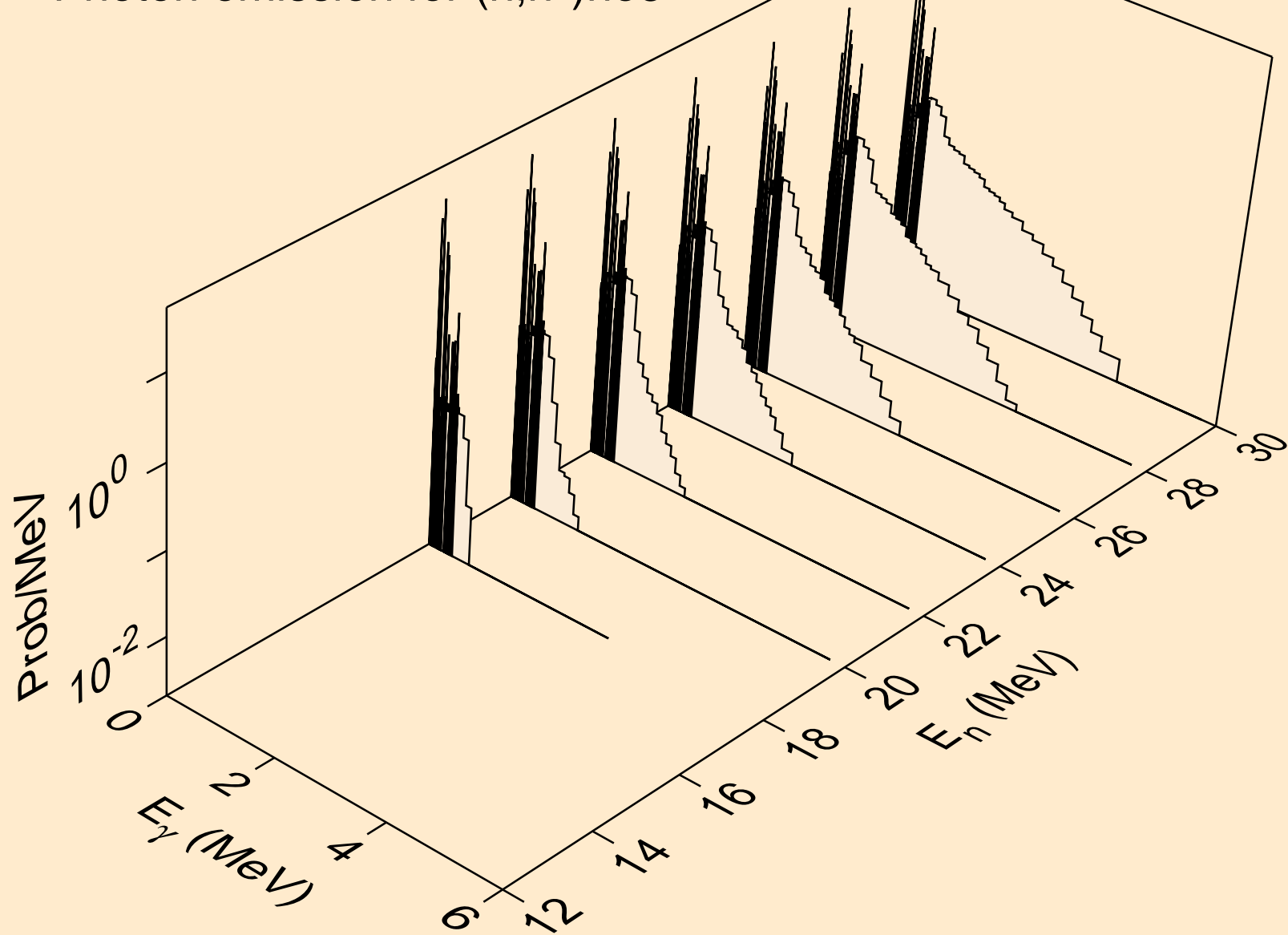
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Photon emission for (n,n\*)d



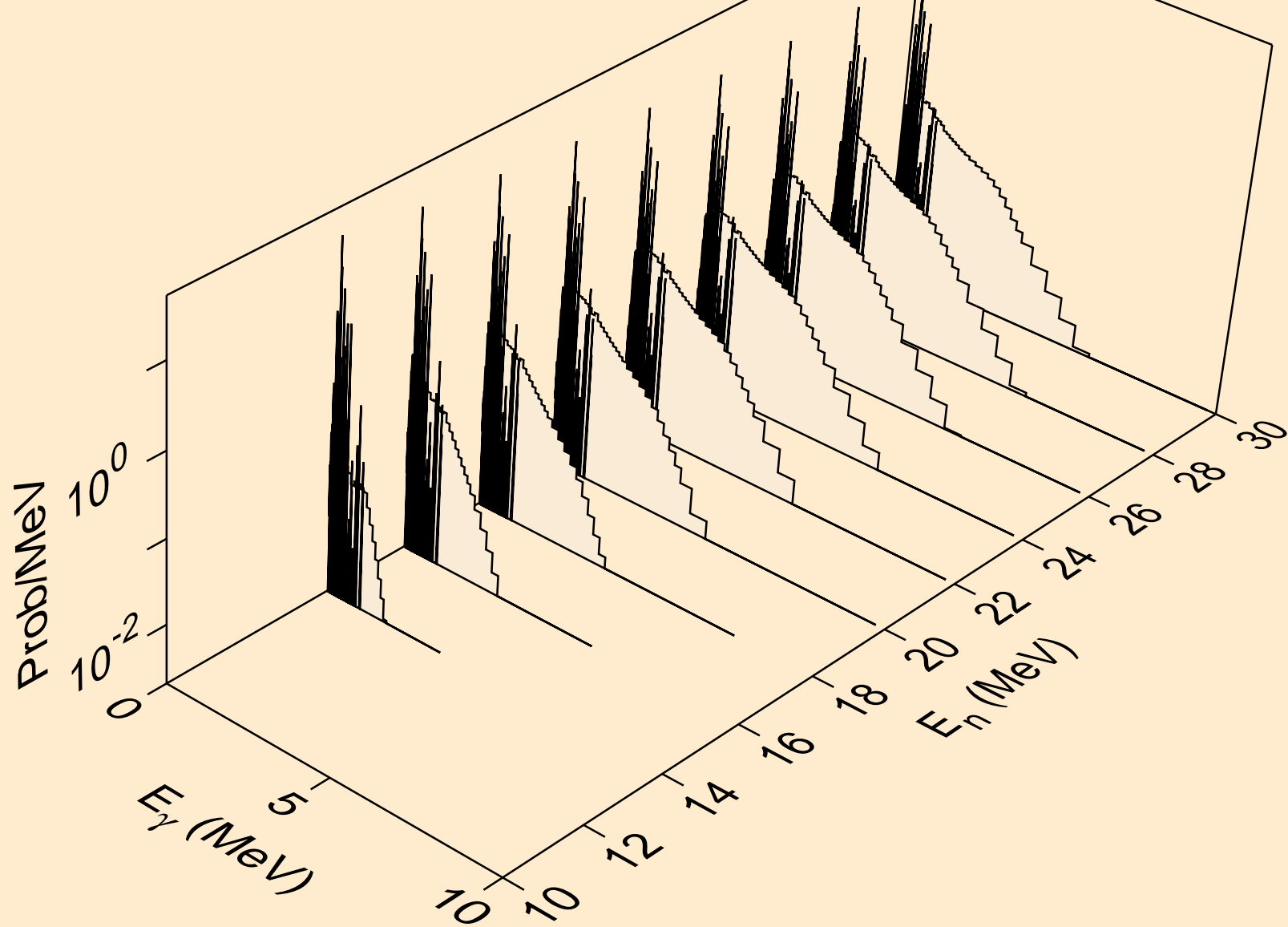
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



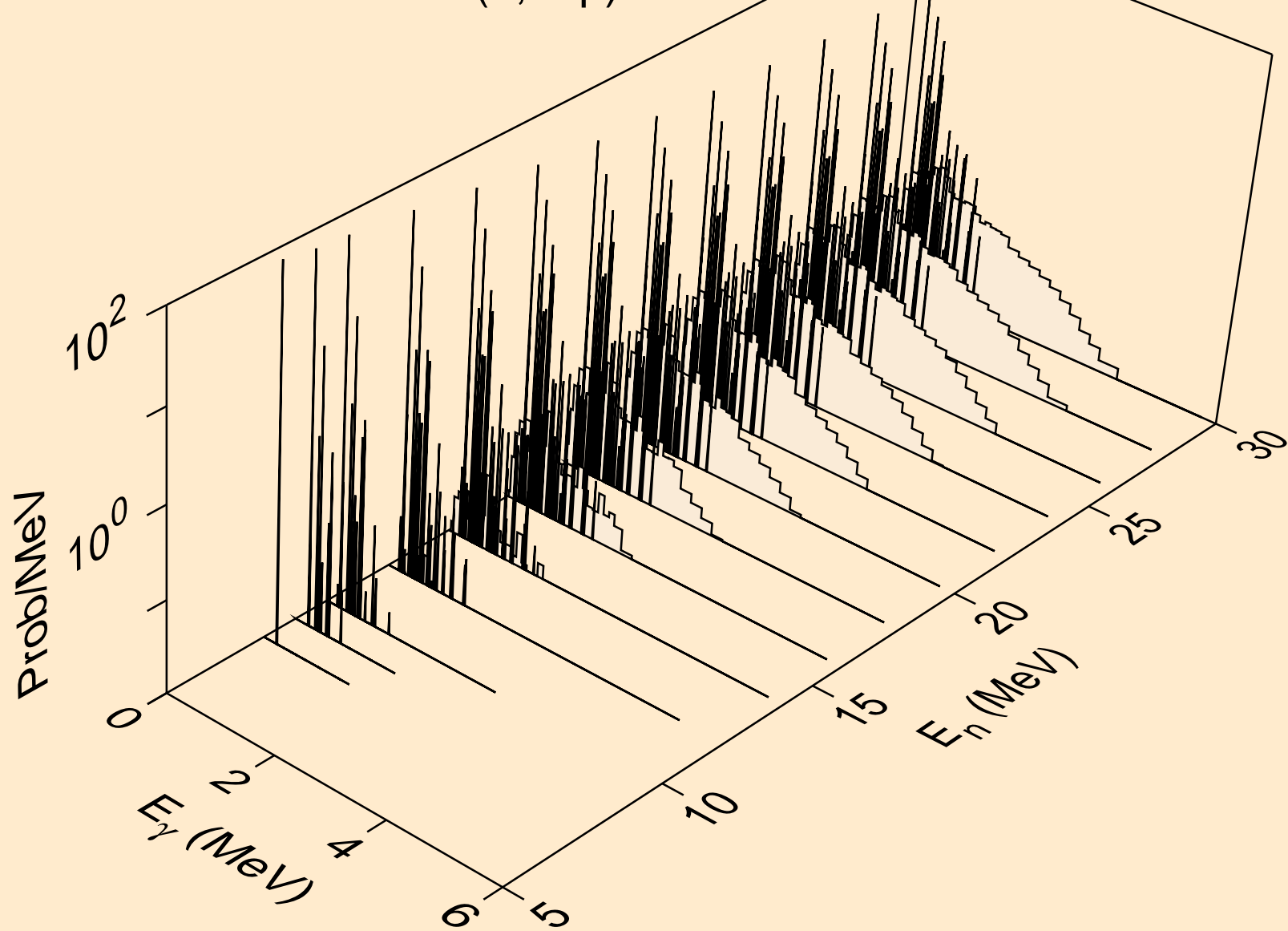
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



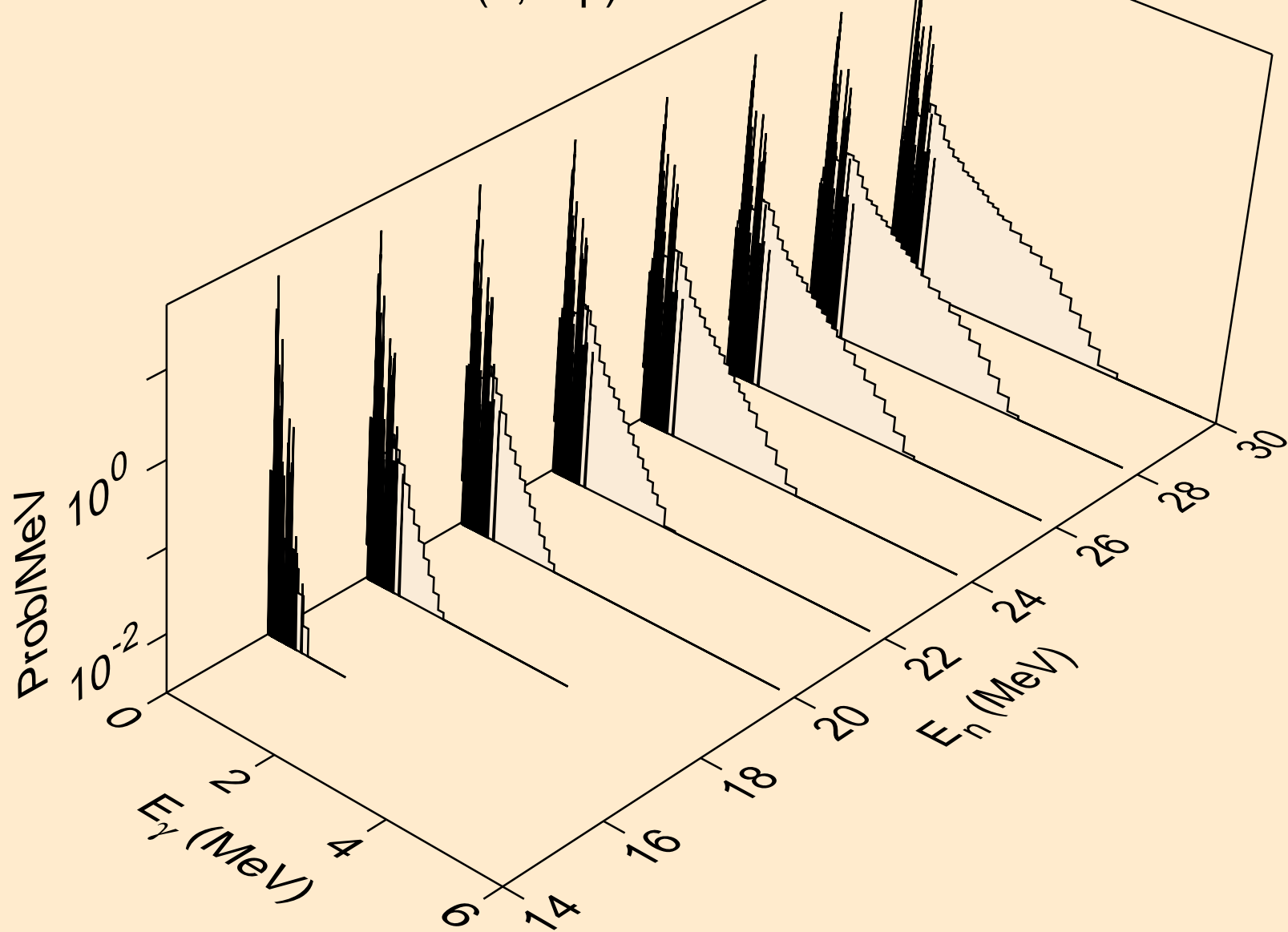
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Photon emission for (n,4n)



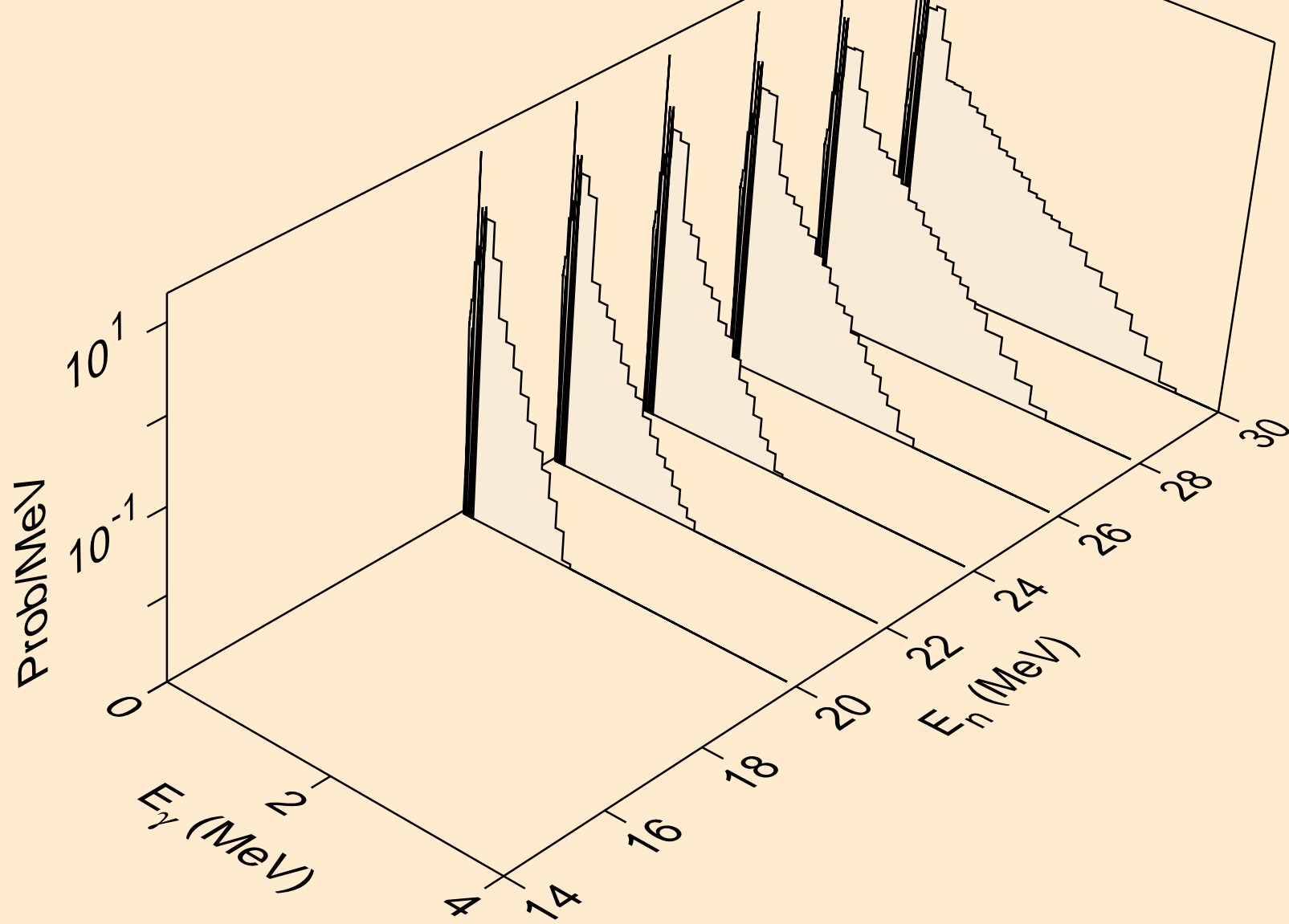
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

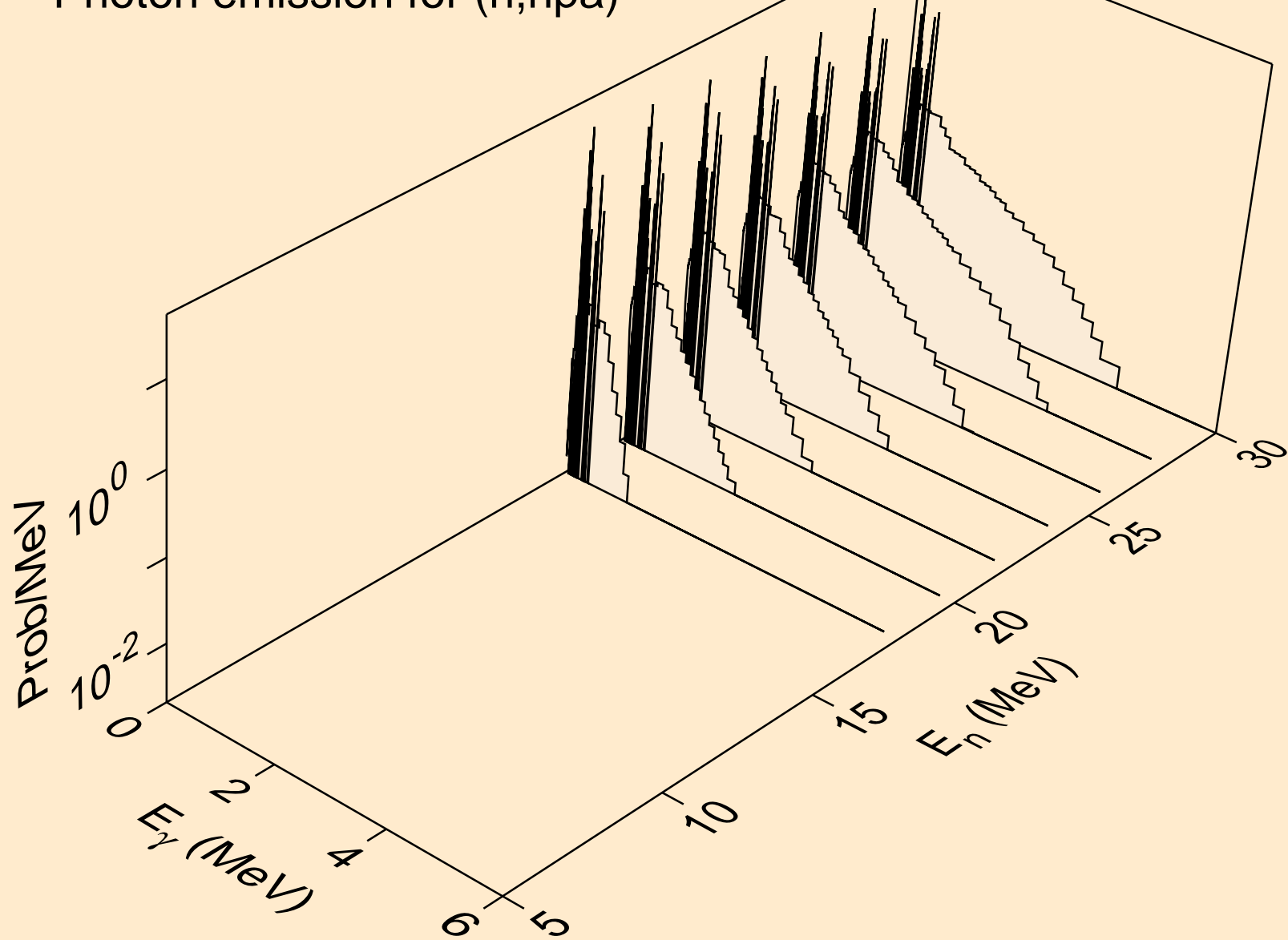


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Photon emission for (n,n2p)

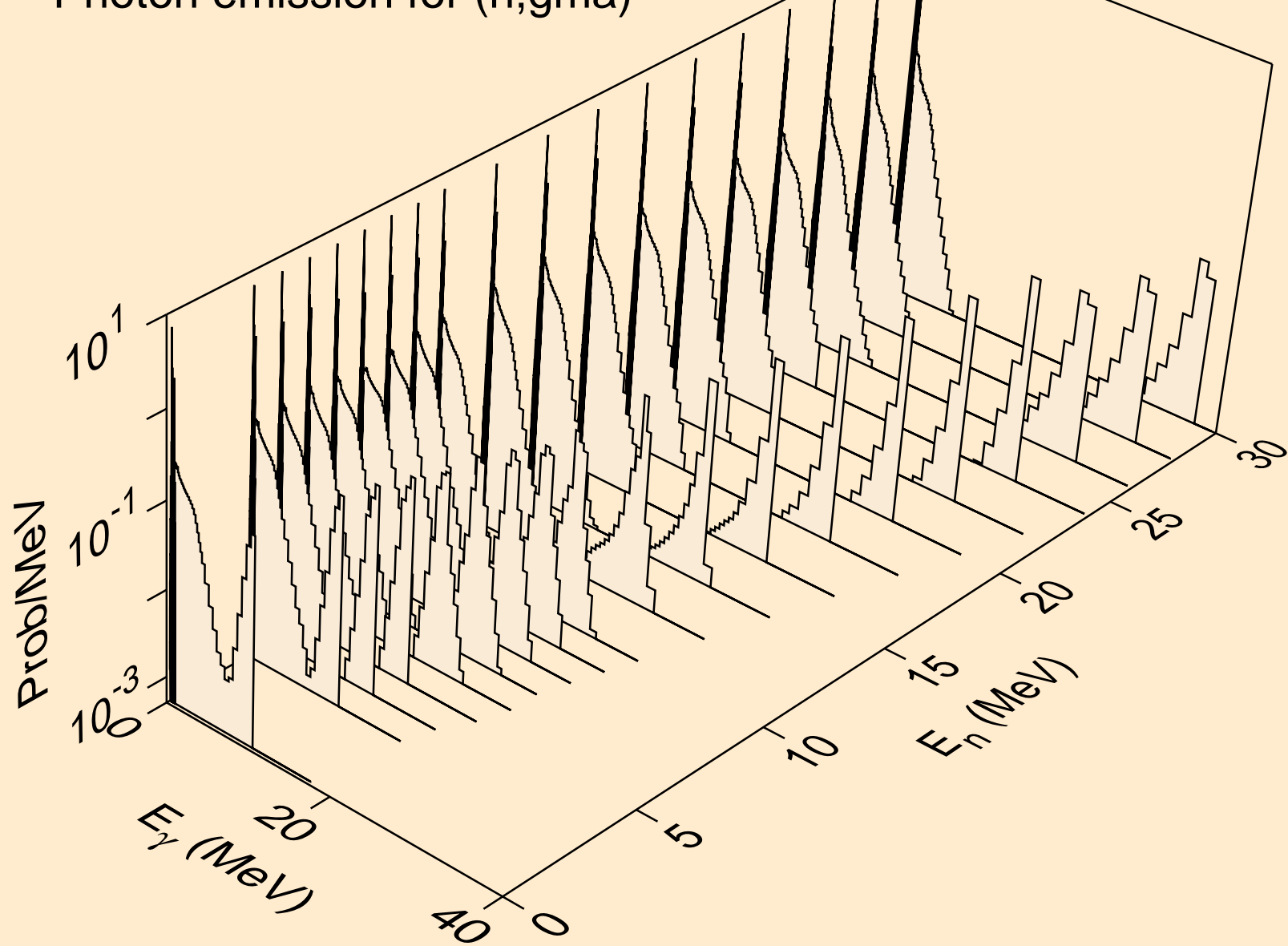




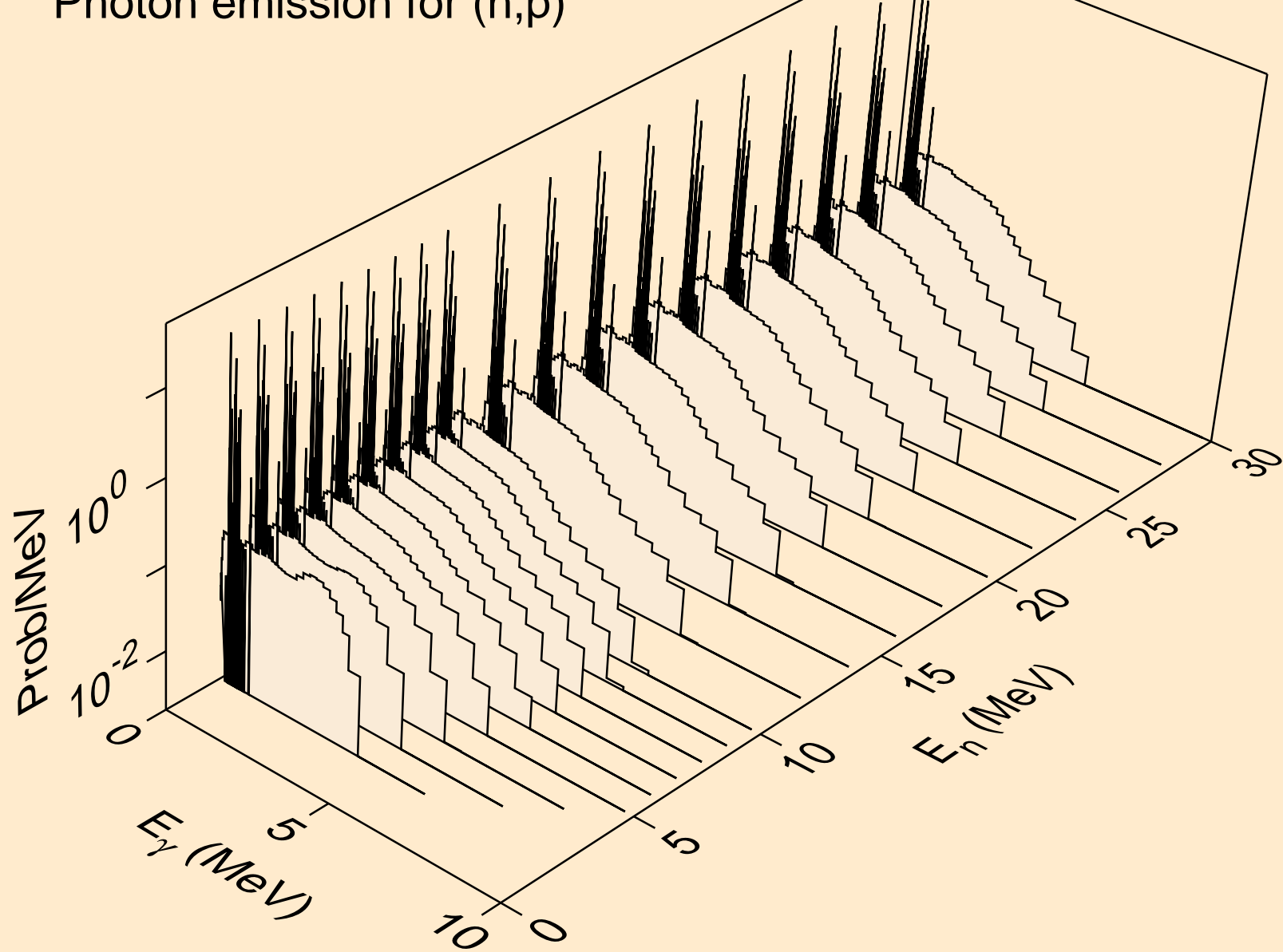
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Photon emission for (n,npa)



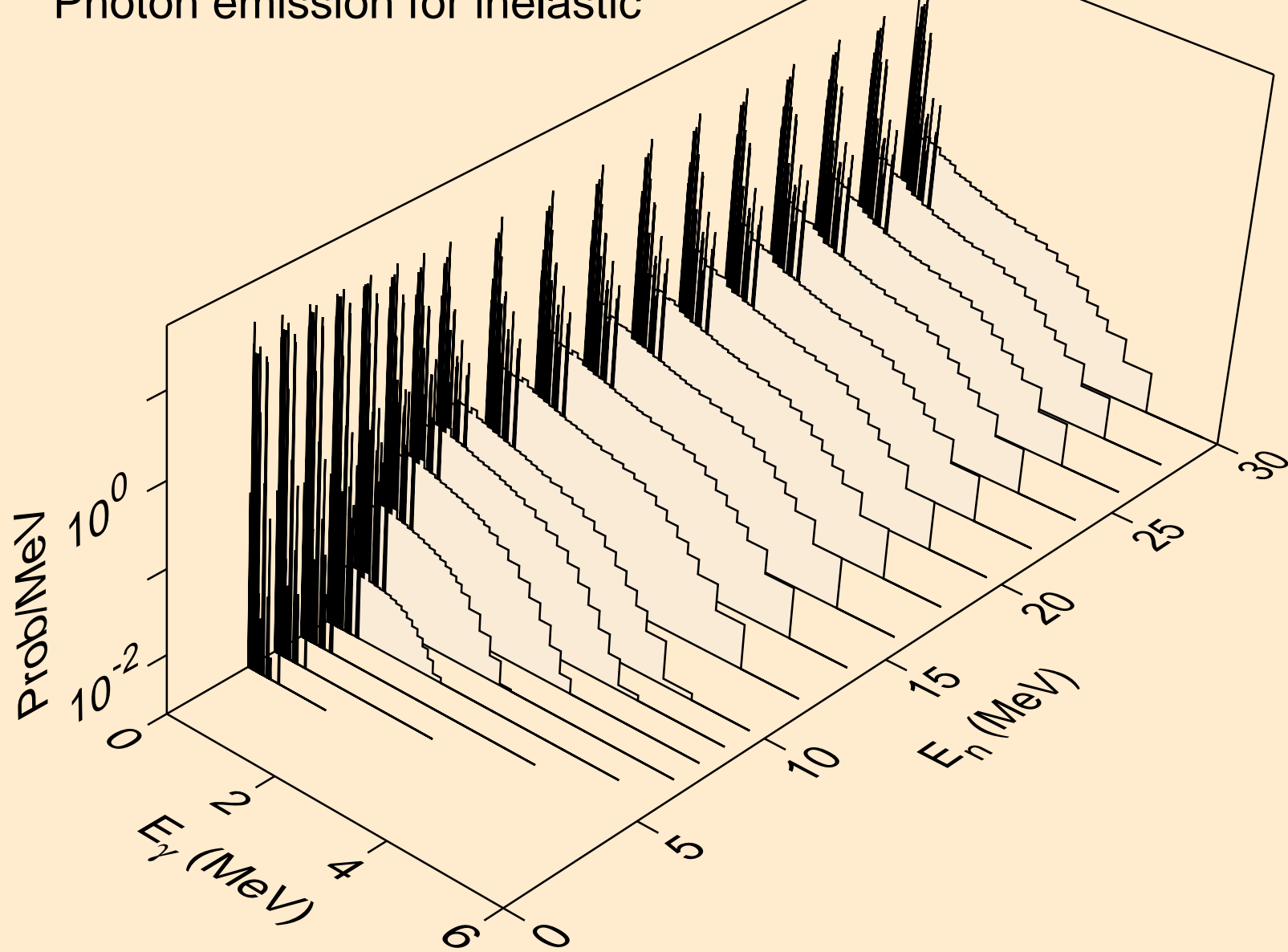
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Photon emission for (n,gma)



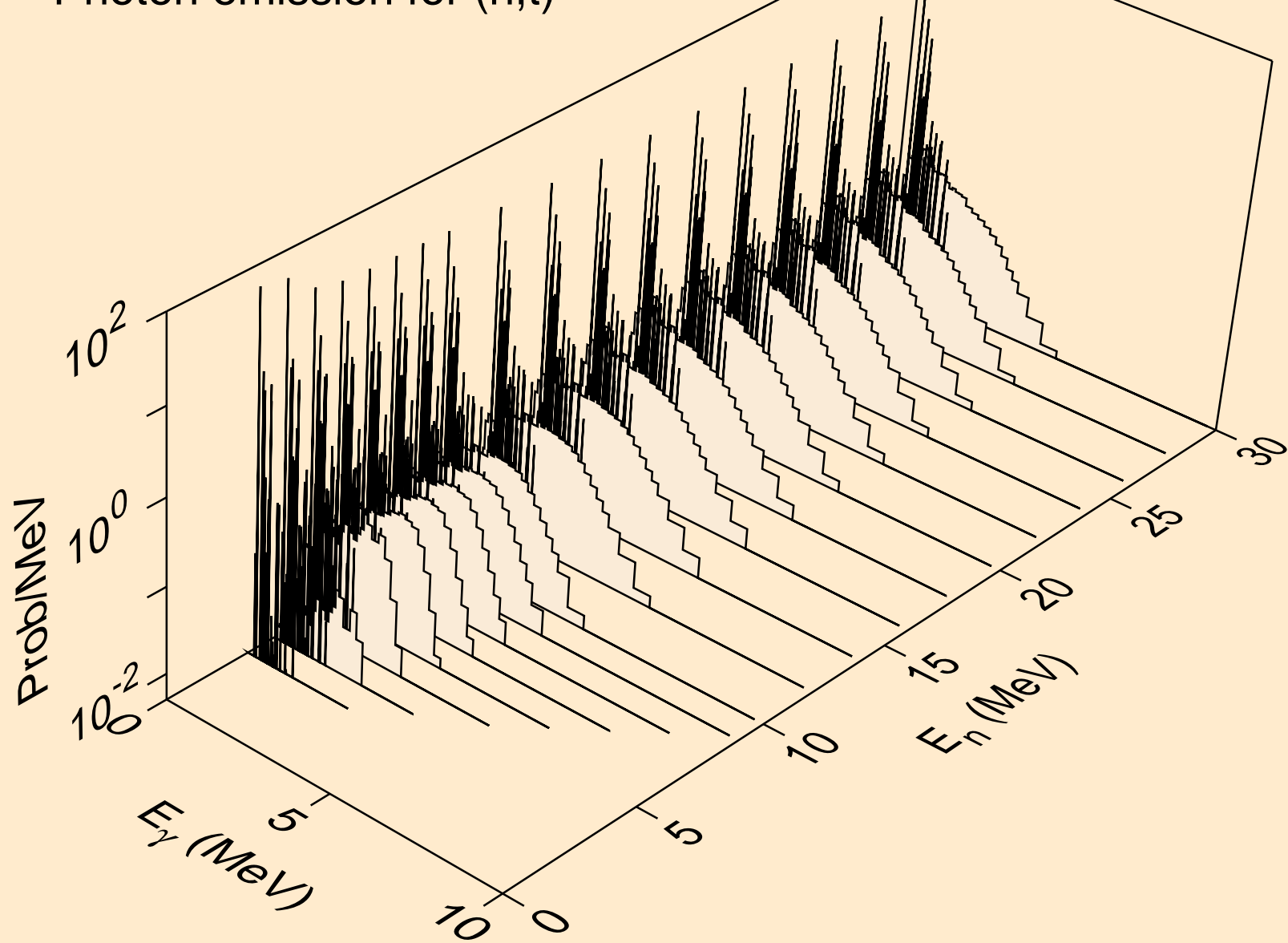
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Photon emission for (n,p)



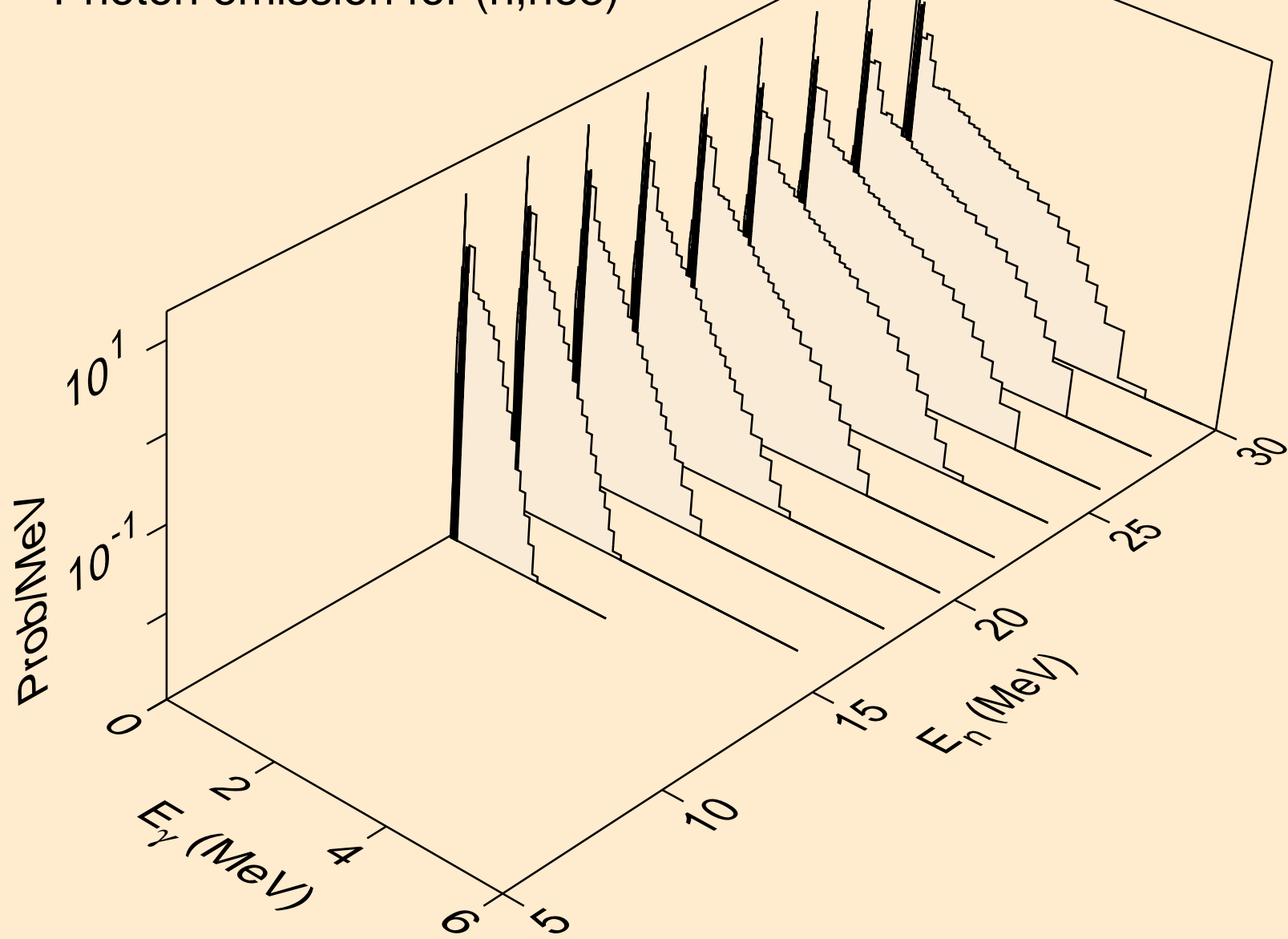
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Photon emission for inelastic



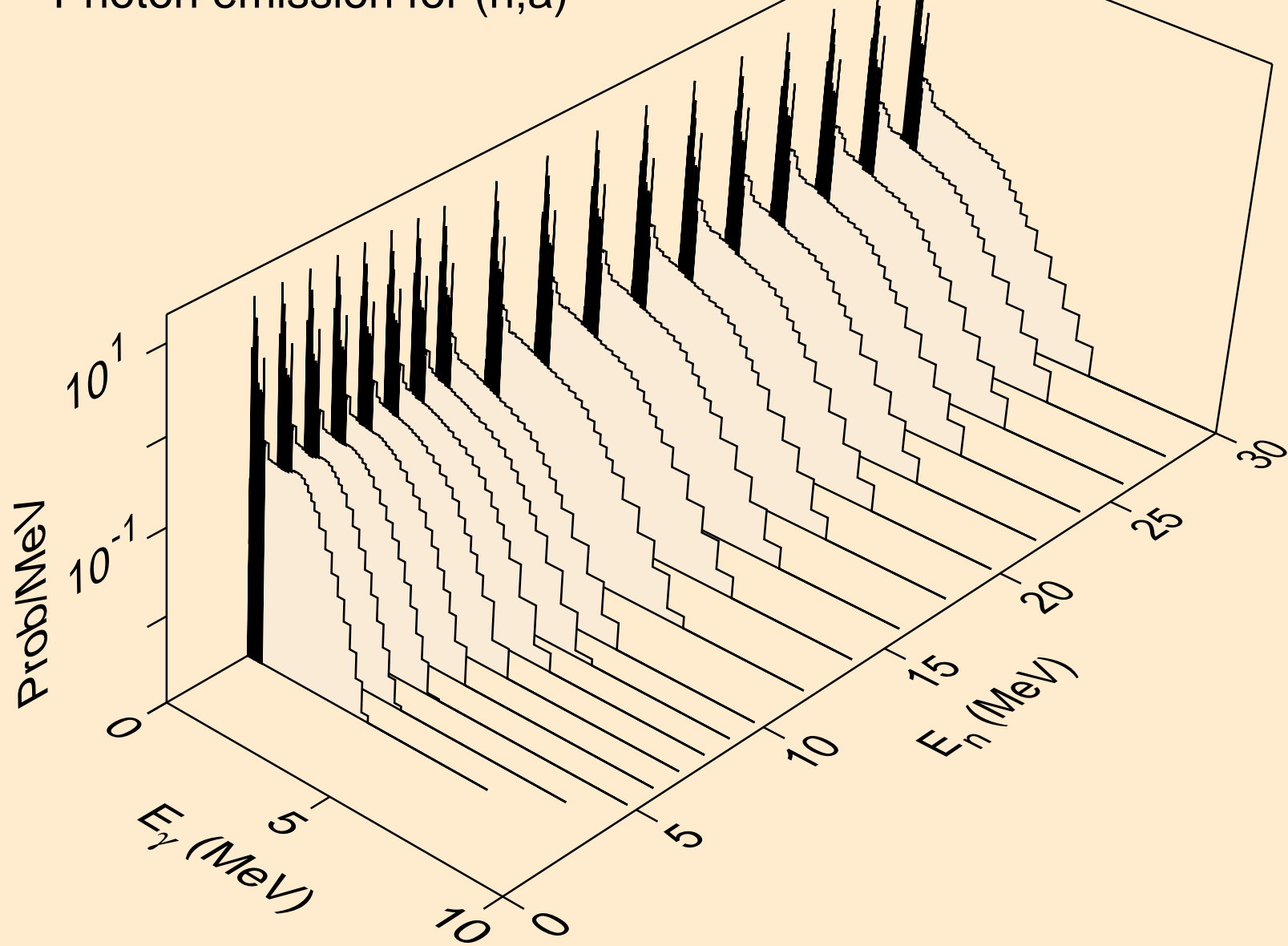
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Photon emission for (n,t)



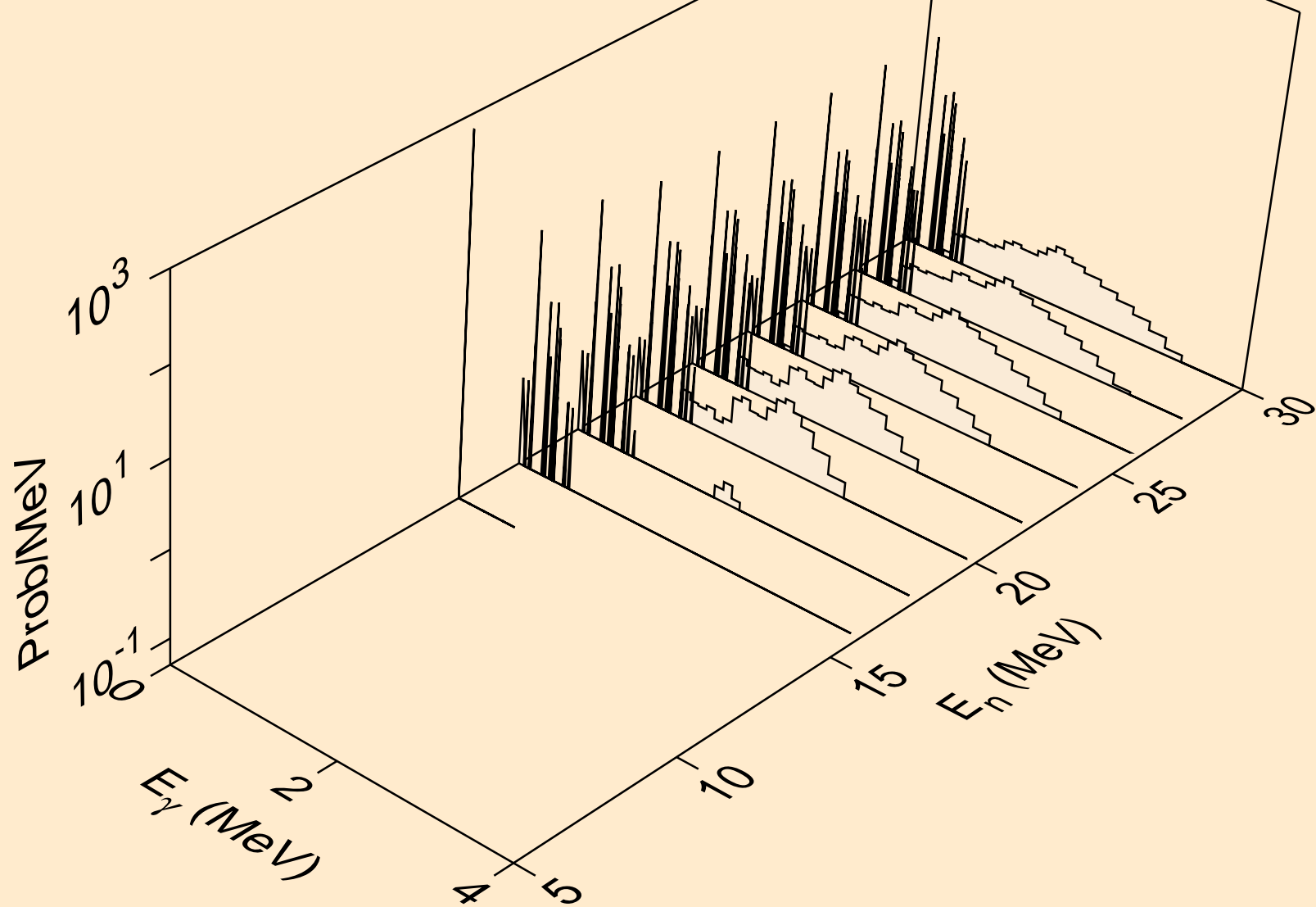
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Photon emission for (n,he3)



RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

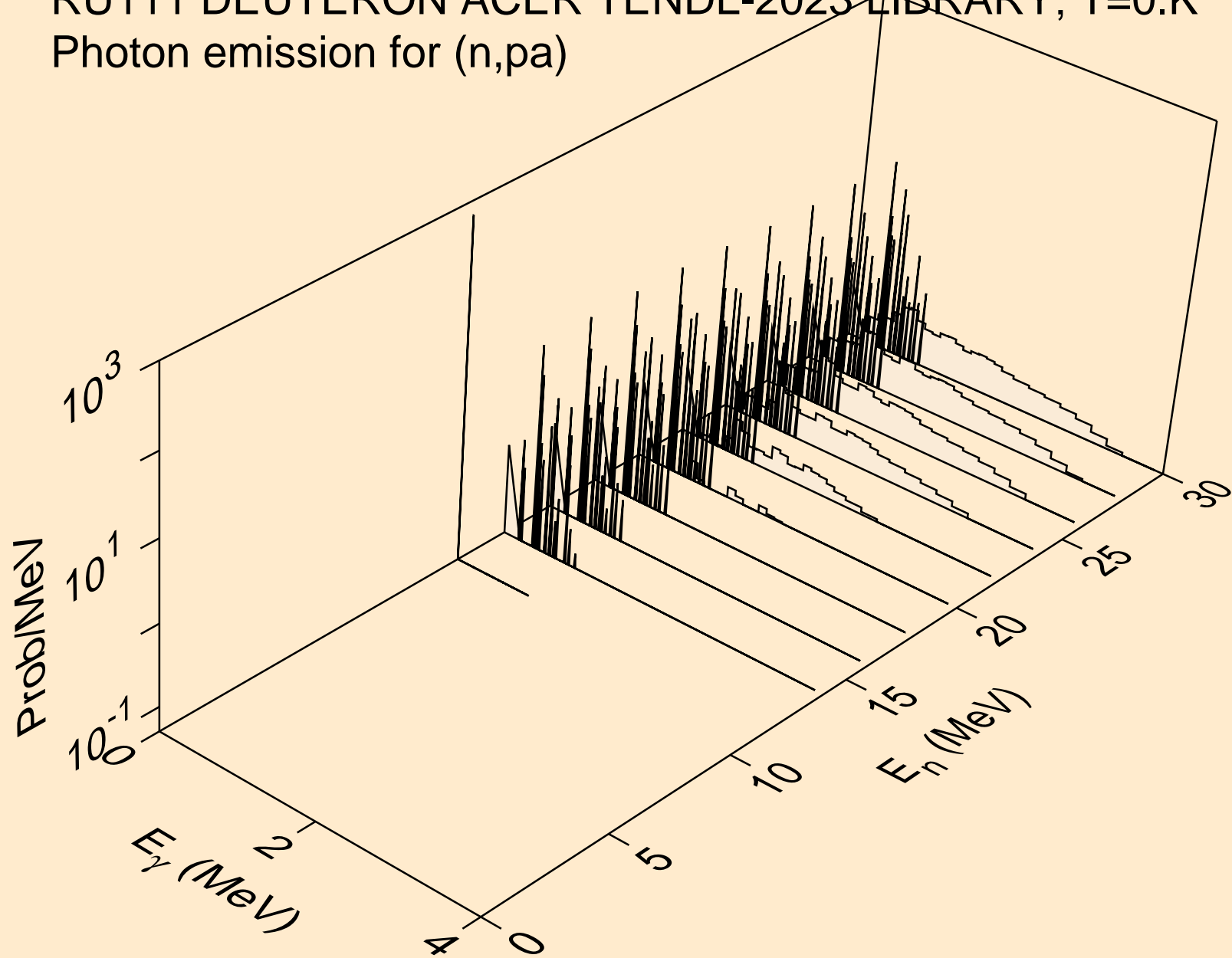


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Photon emission for (n,2p)

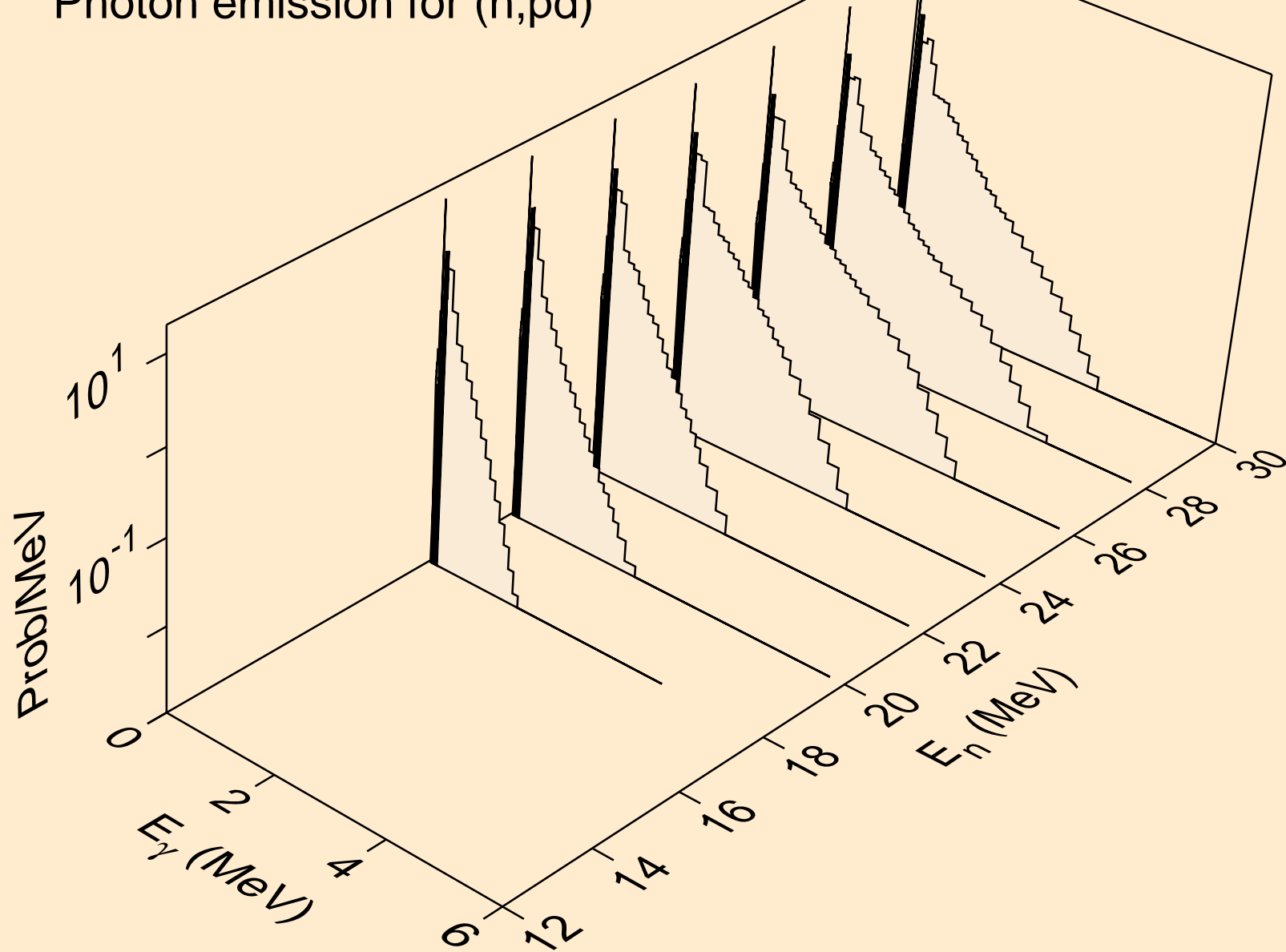




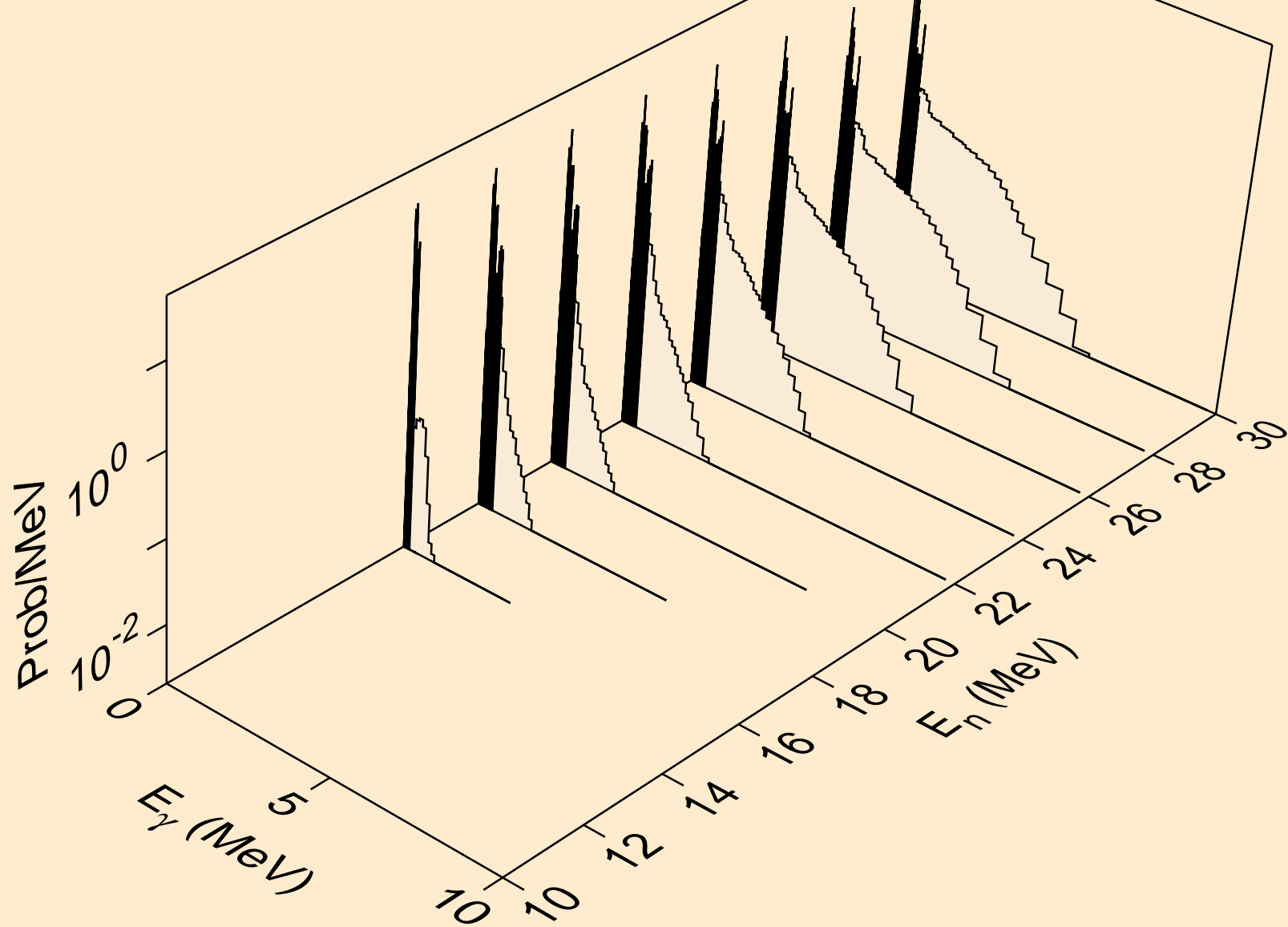
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Photon emission for (n,p)



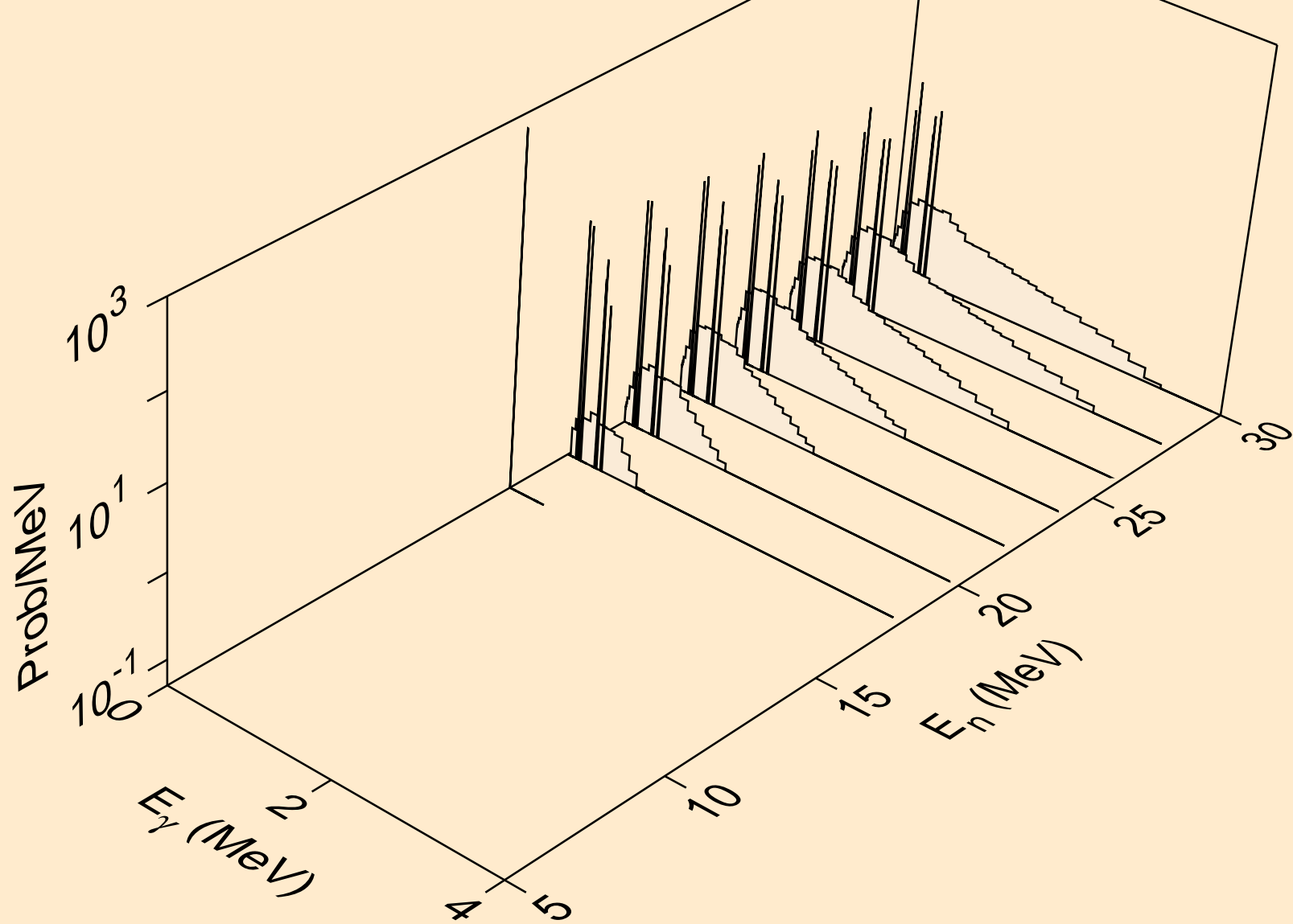
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Photon emission for (n,pd)



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Photon emission for (n,pt)

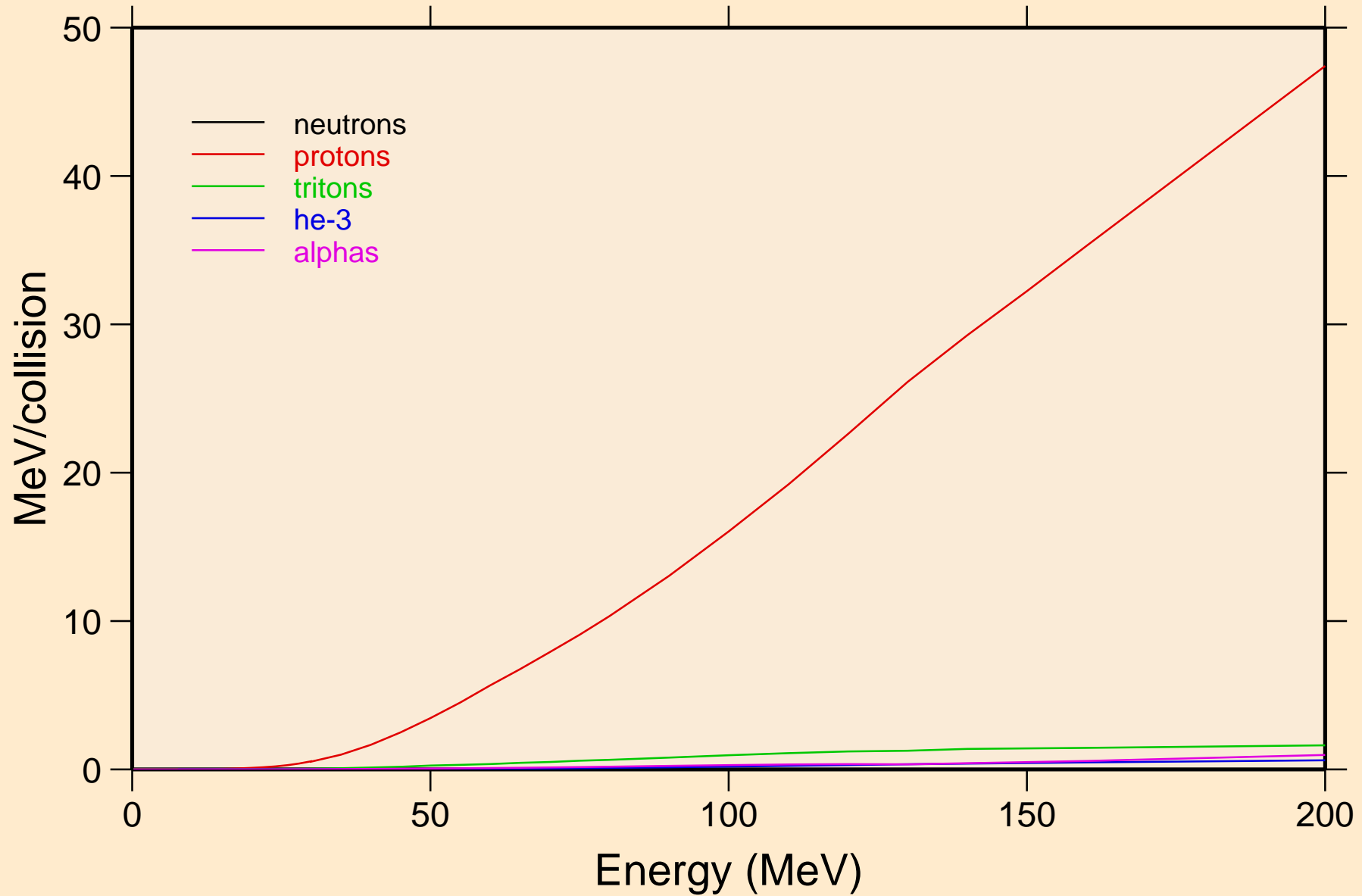


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Photon emission for (n,da)

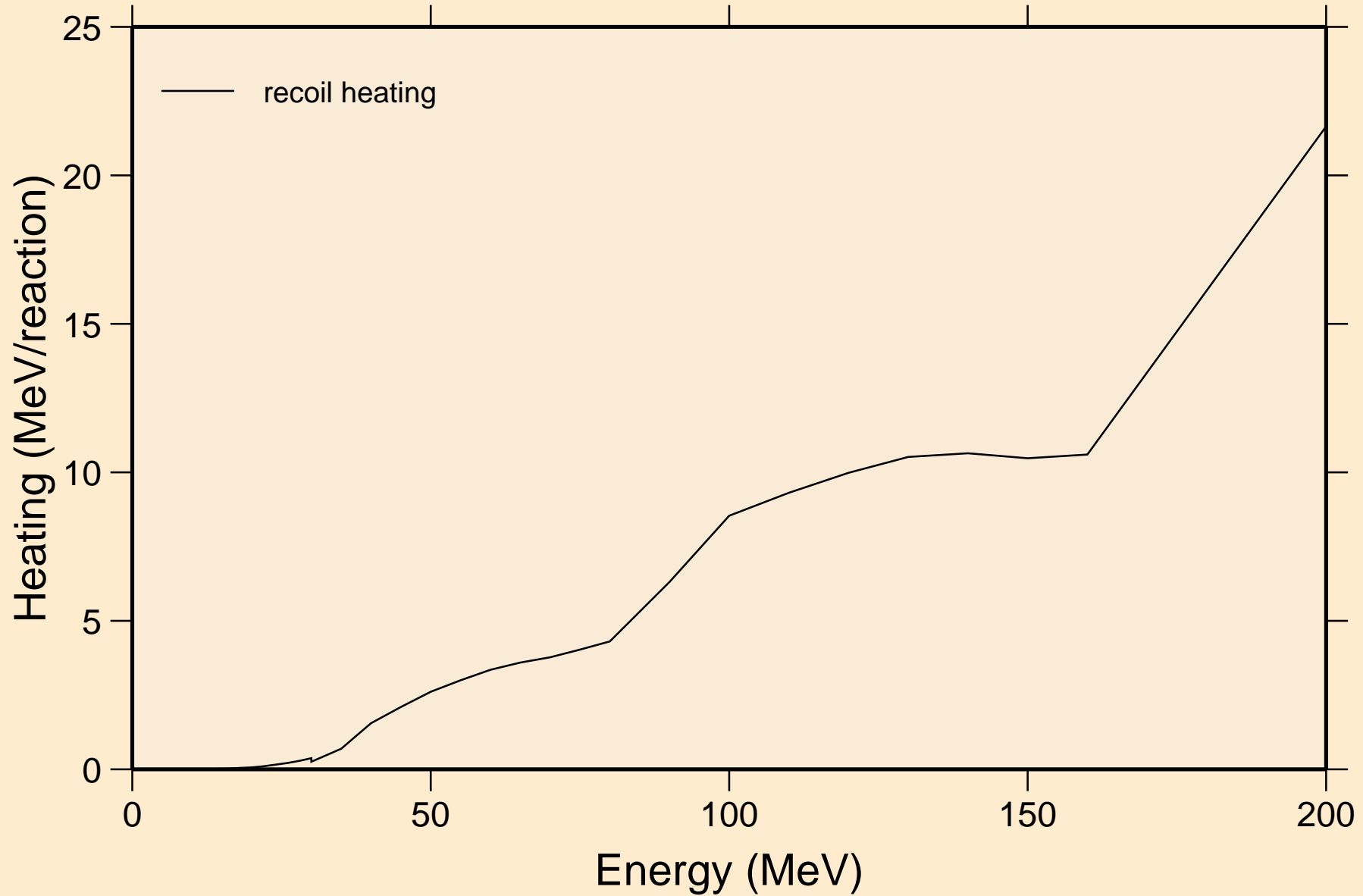


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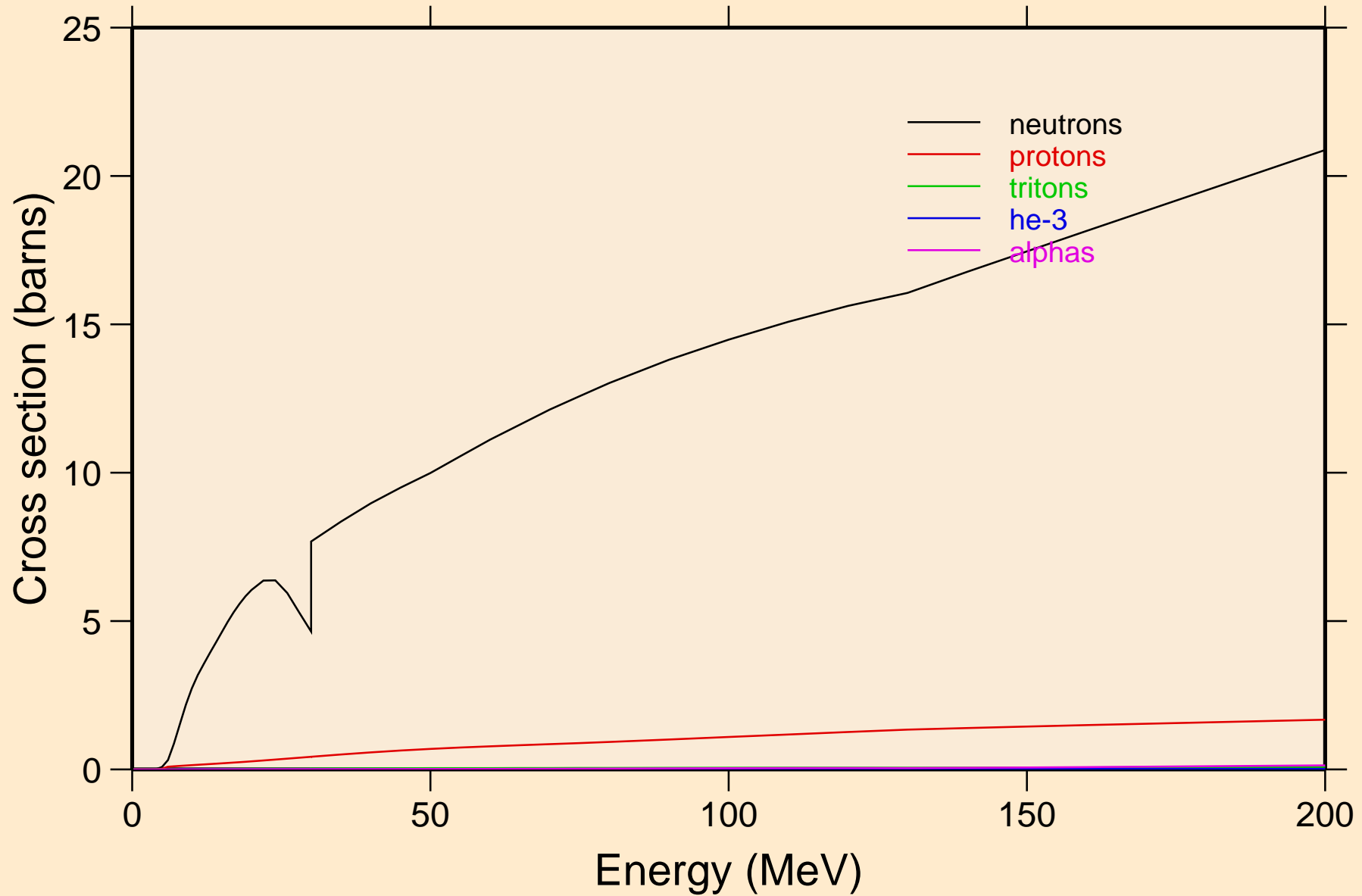
## Particle heating contributions



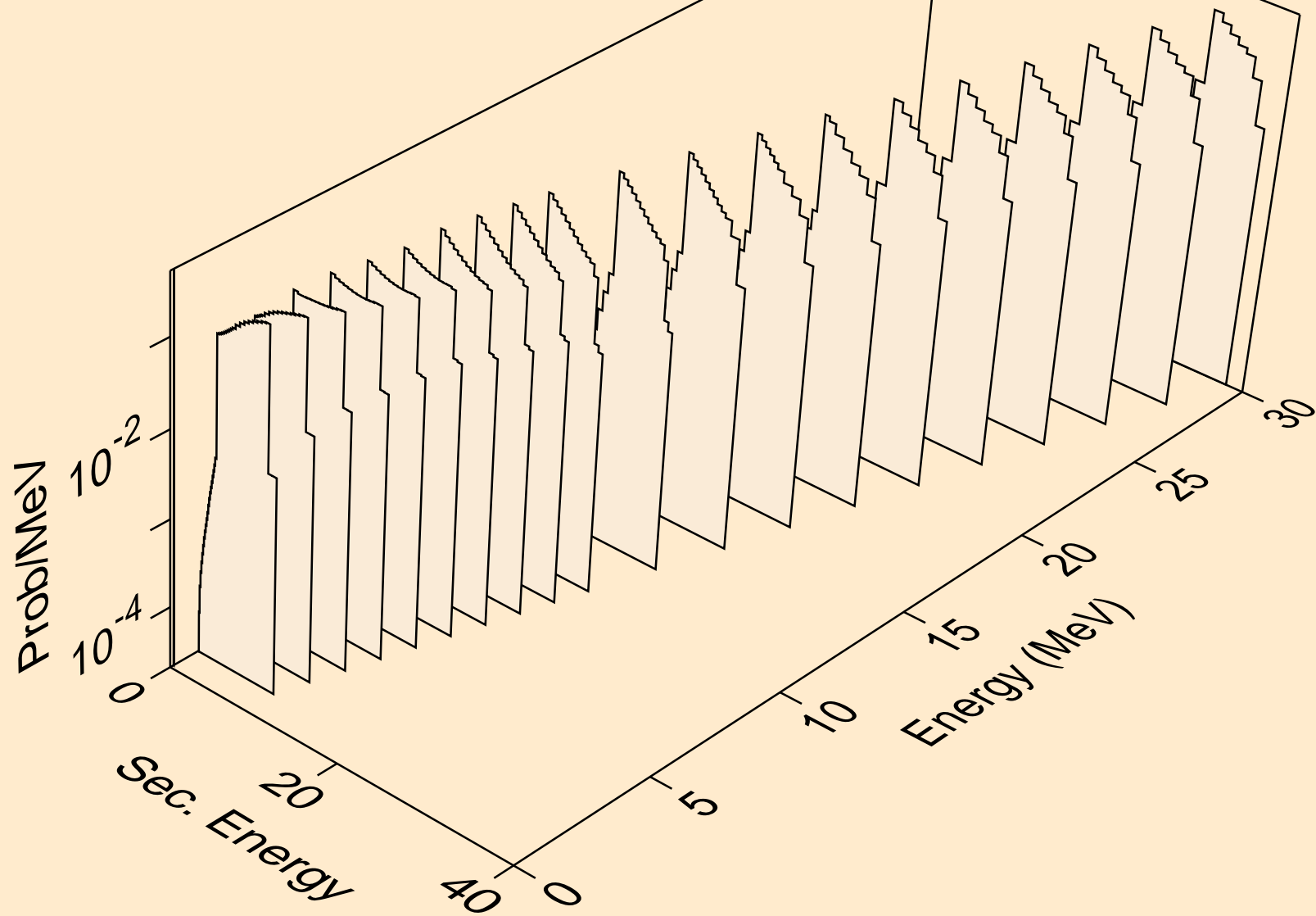
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

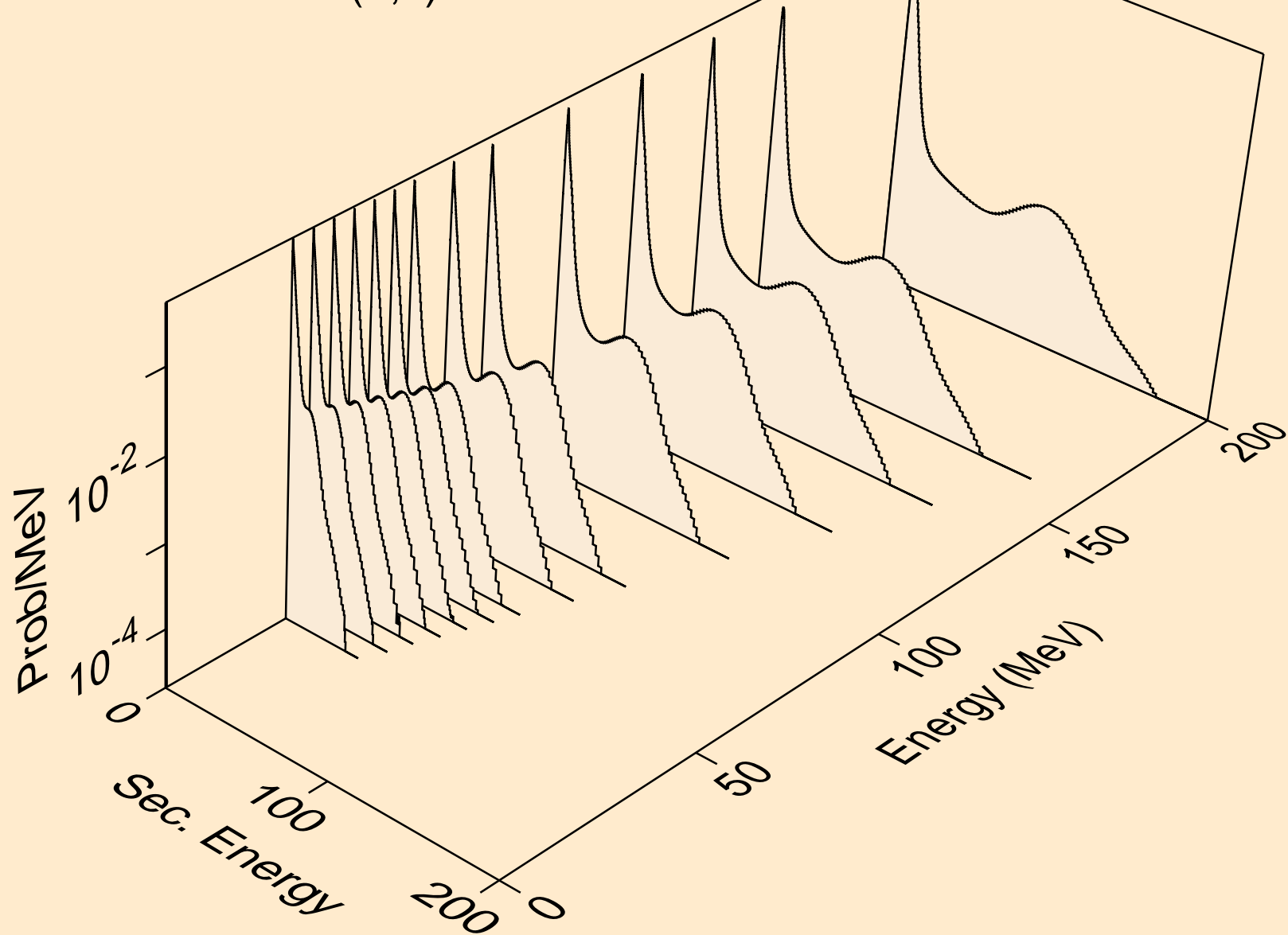


RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n)

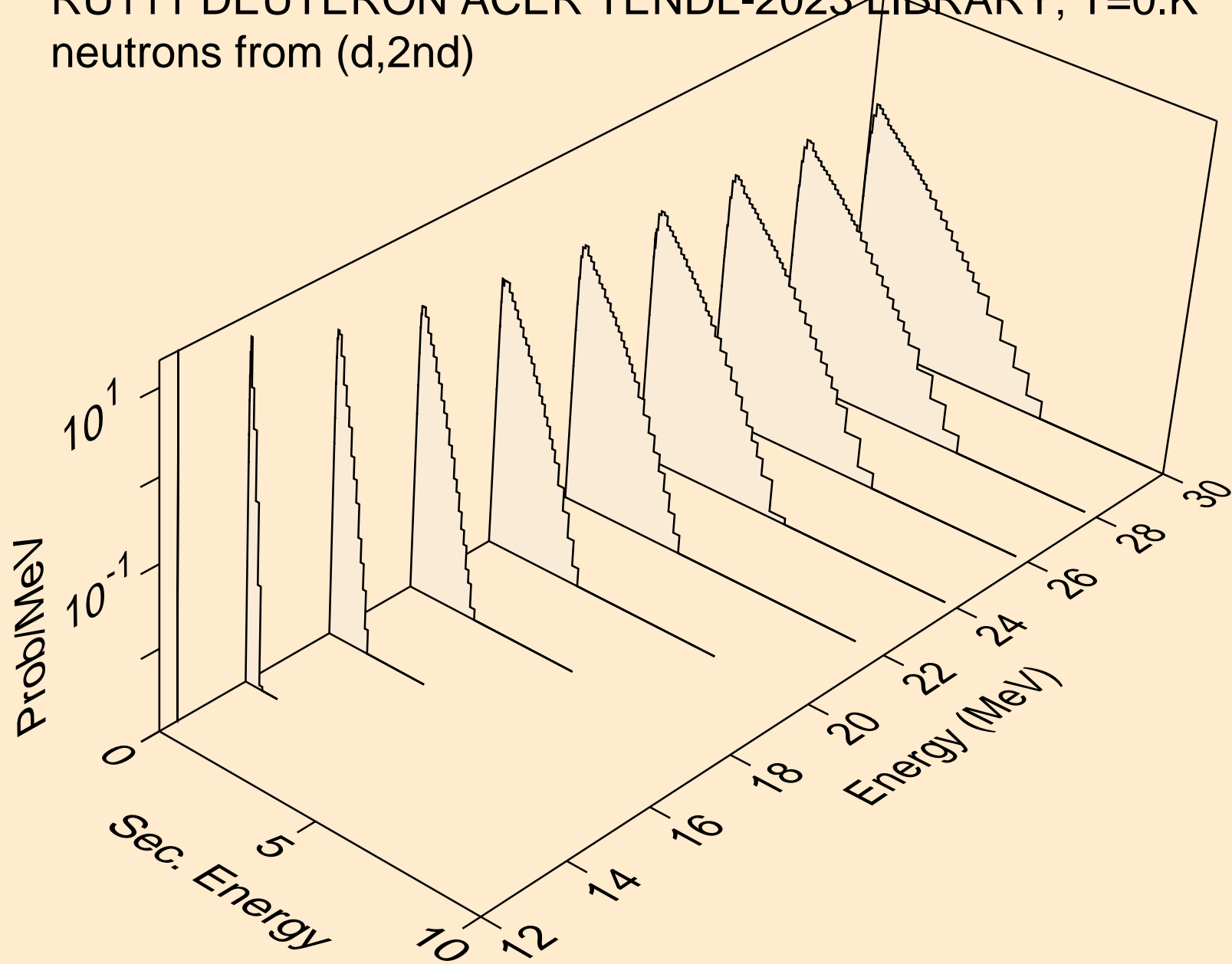




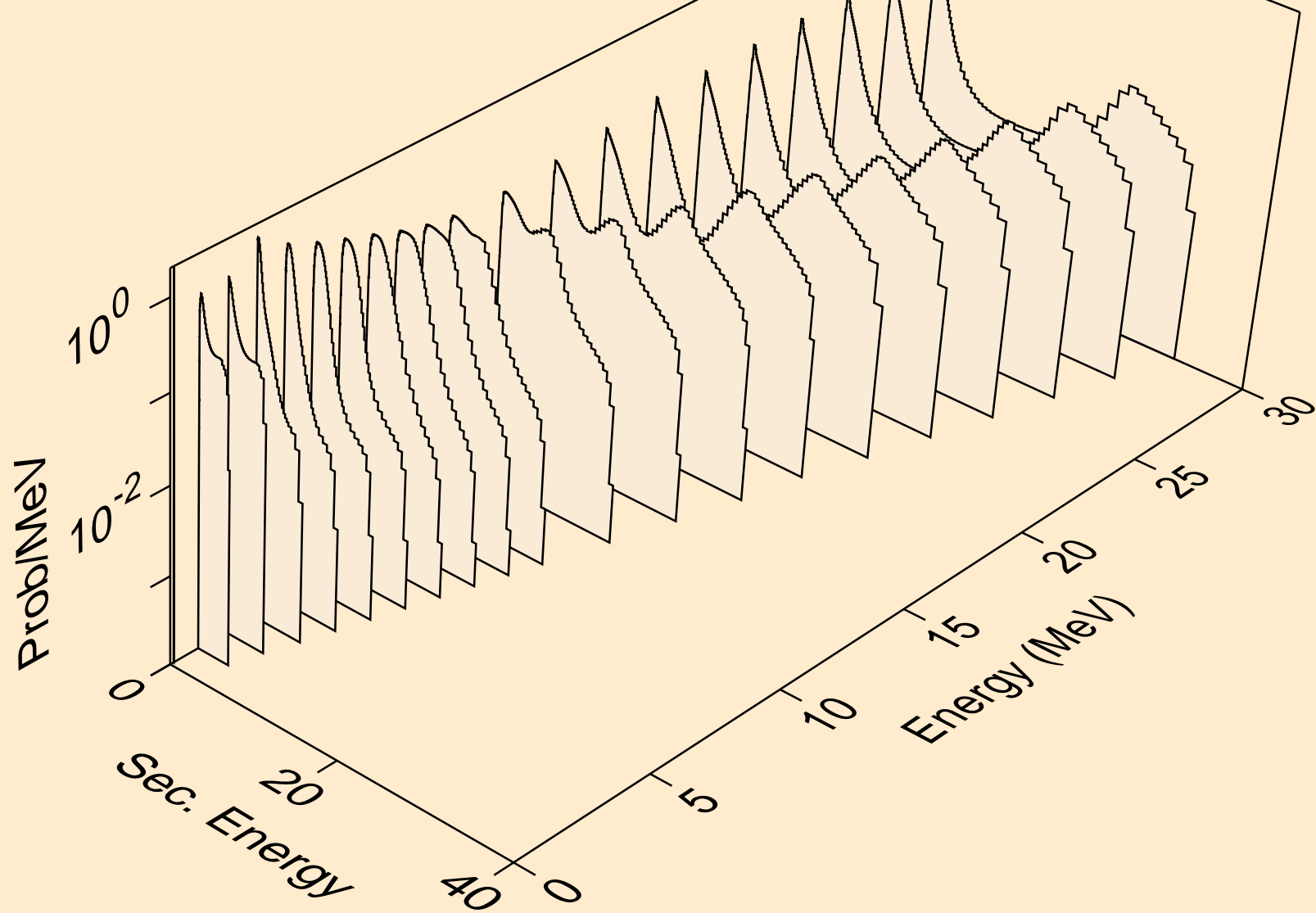
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neutrons from (d,x)



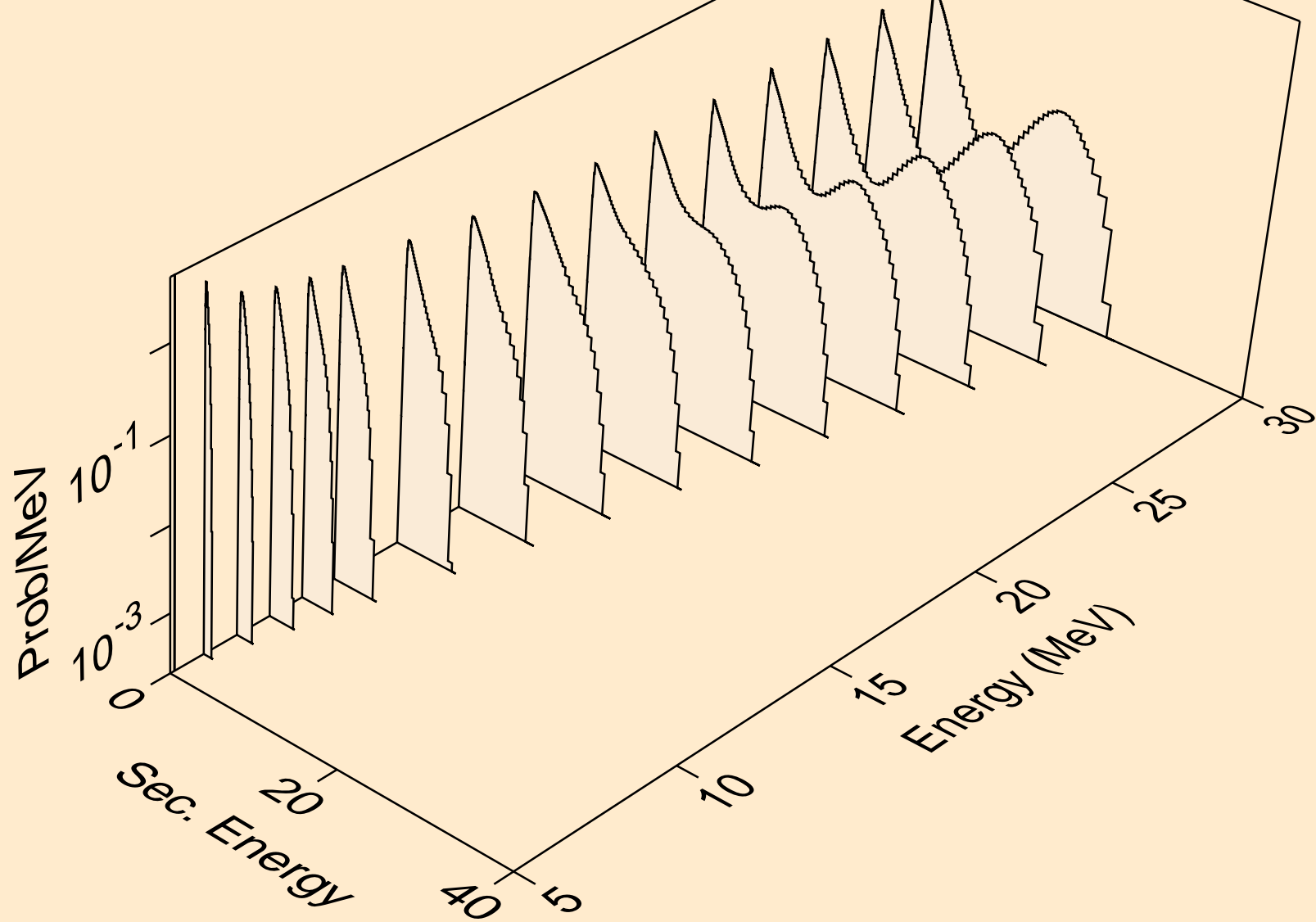
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neutrons from (d,2nd)



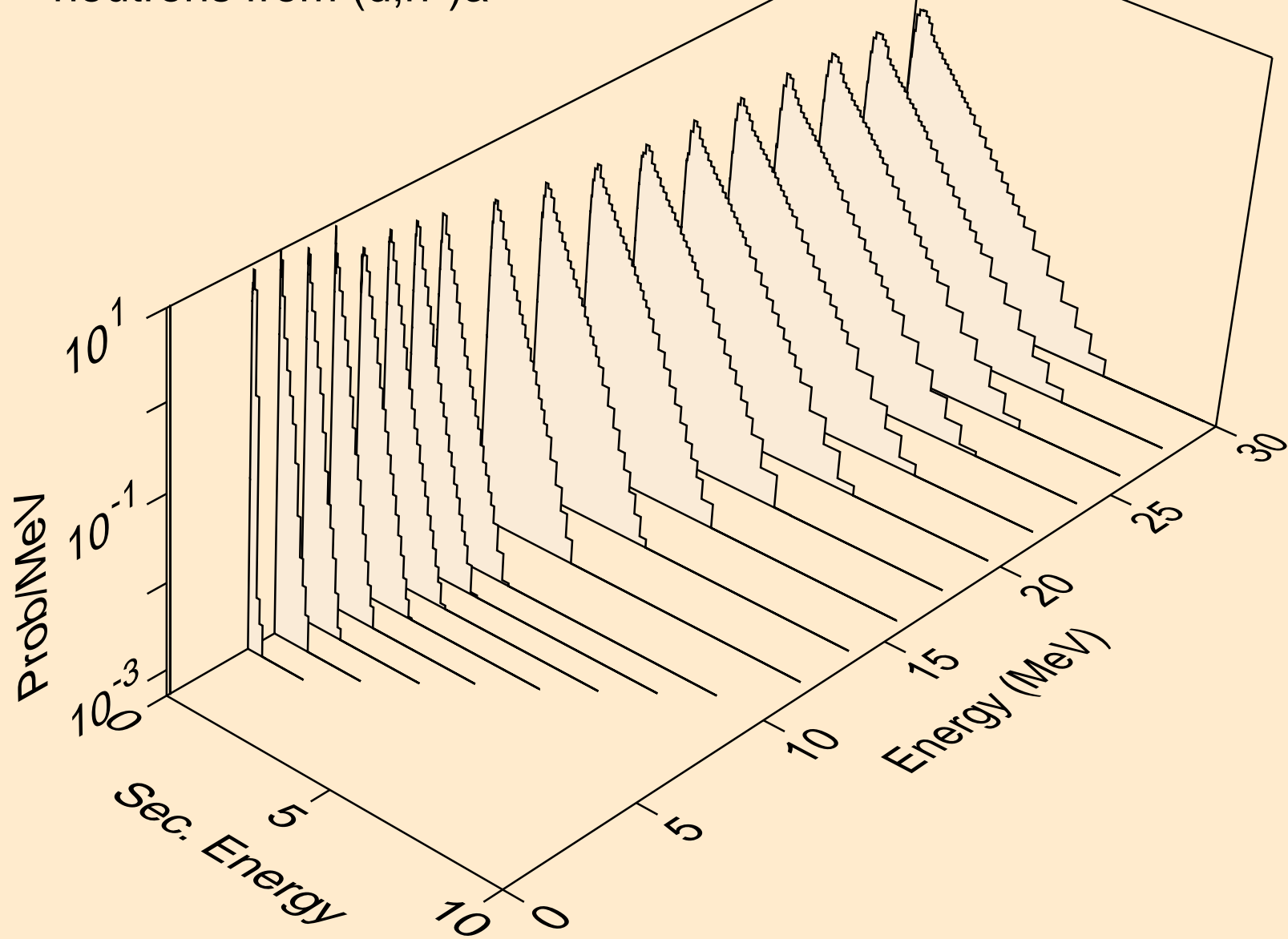
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neutrons from (d,2n)



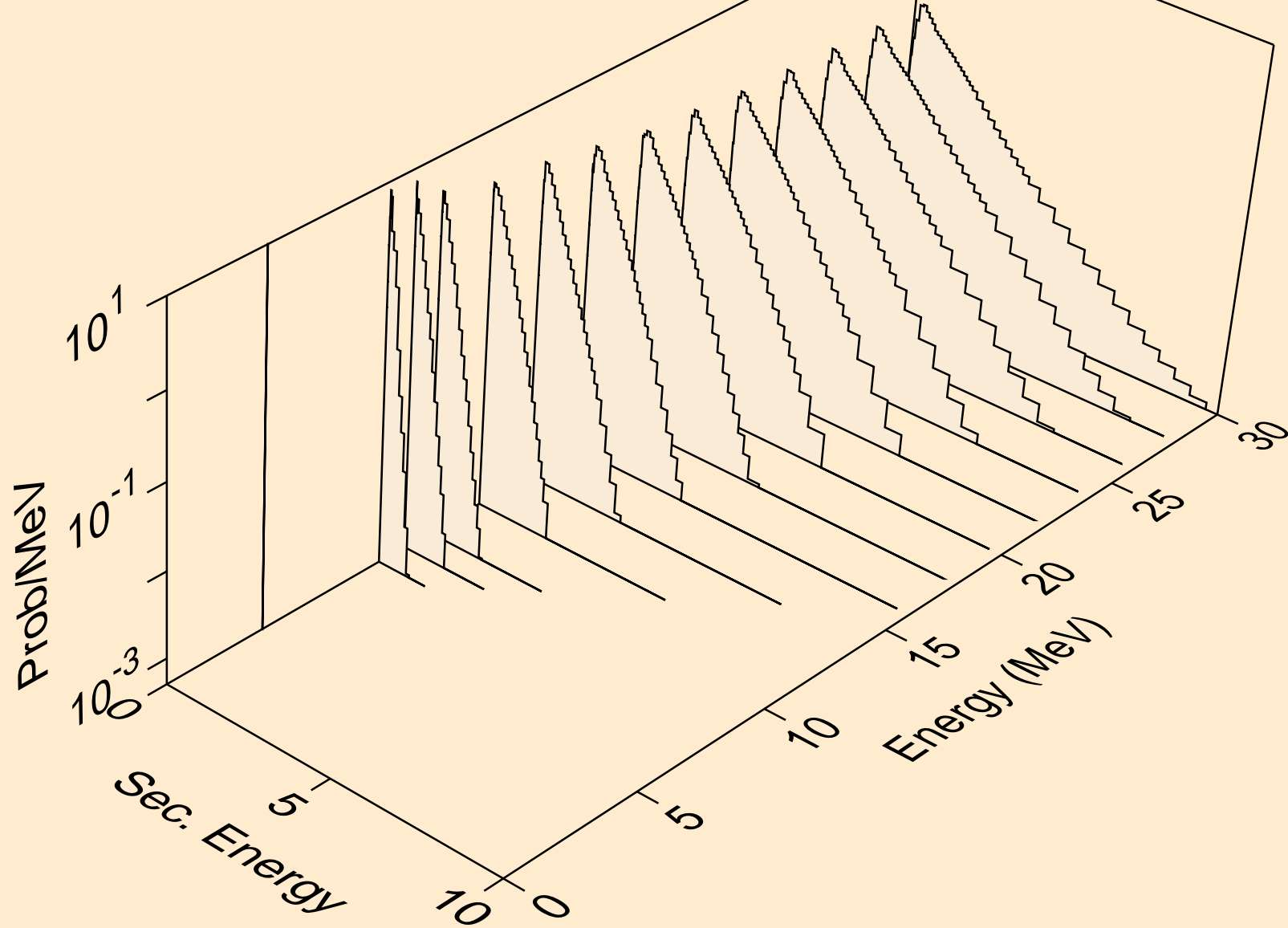
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neutrons from (d,3n)



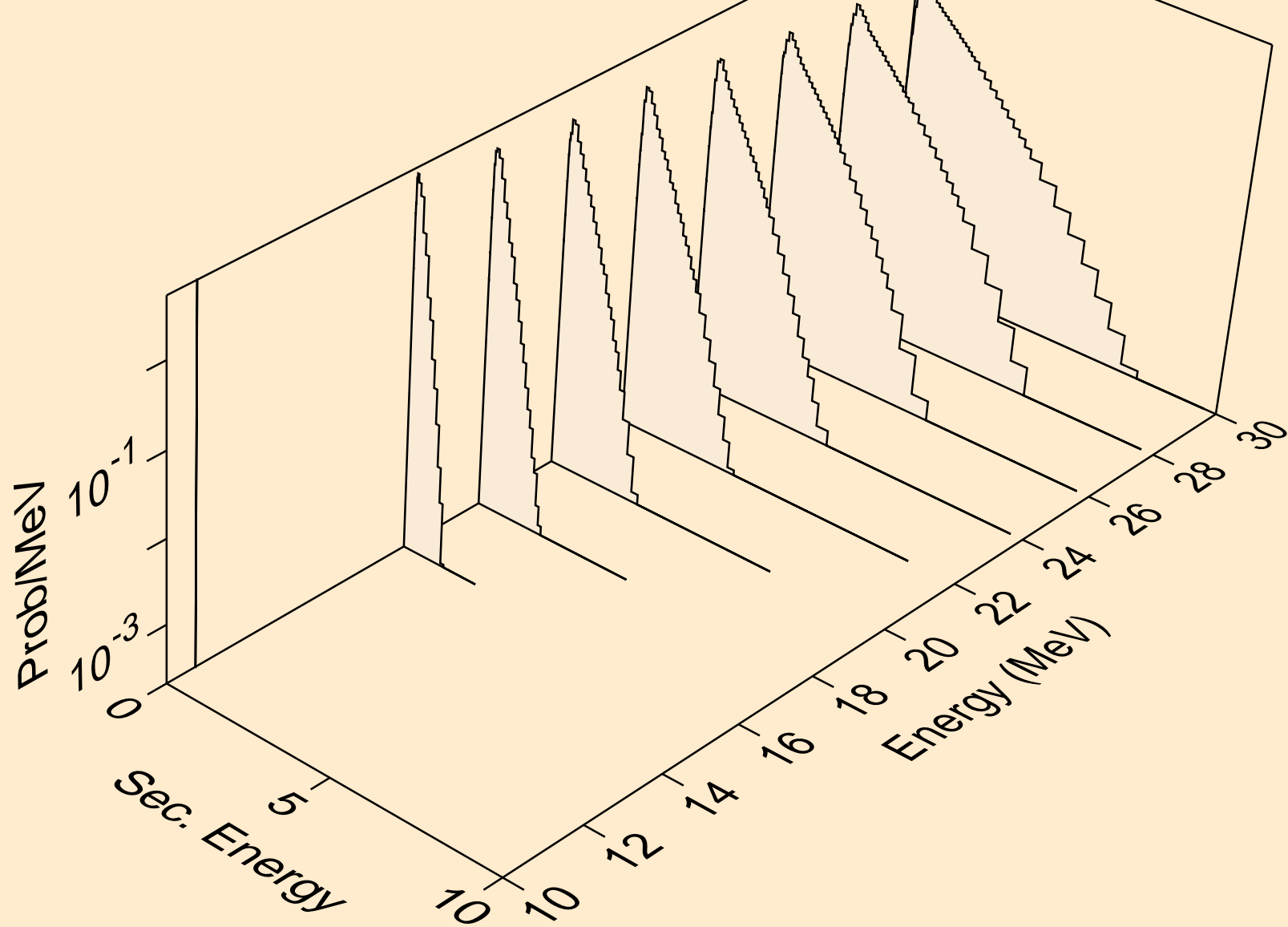
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)a



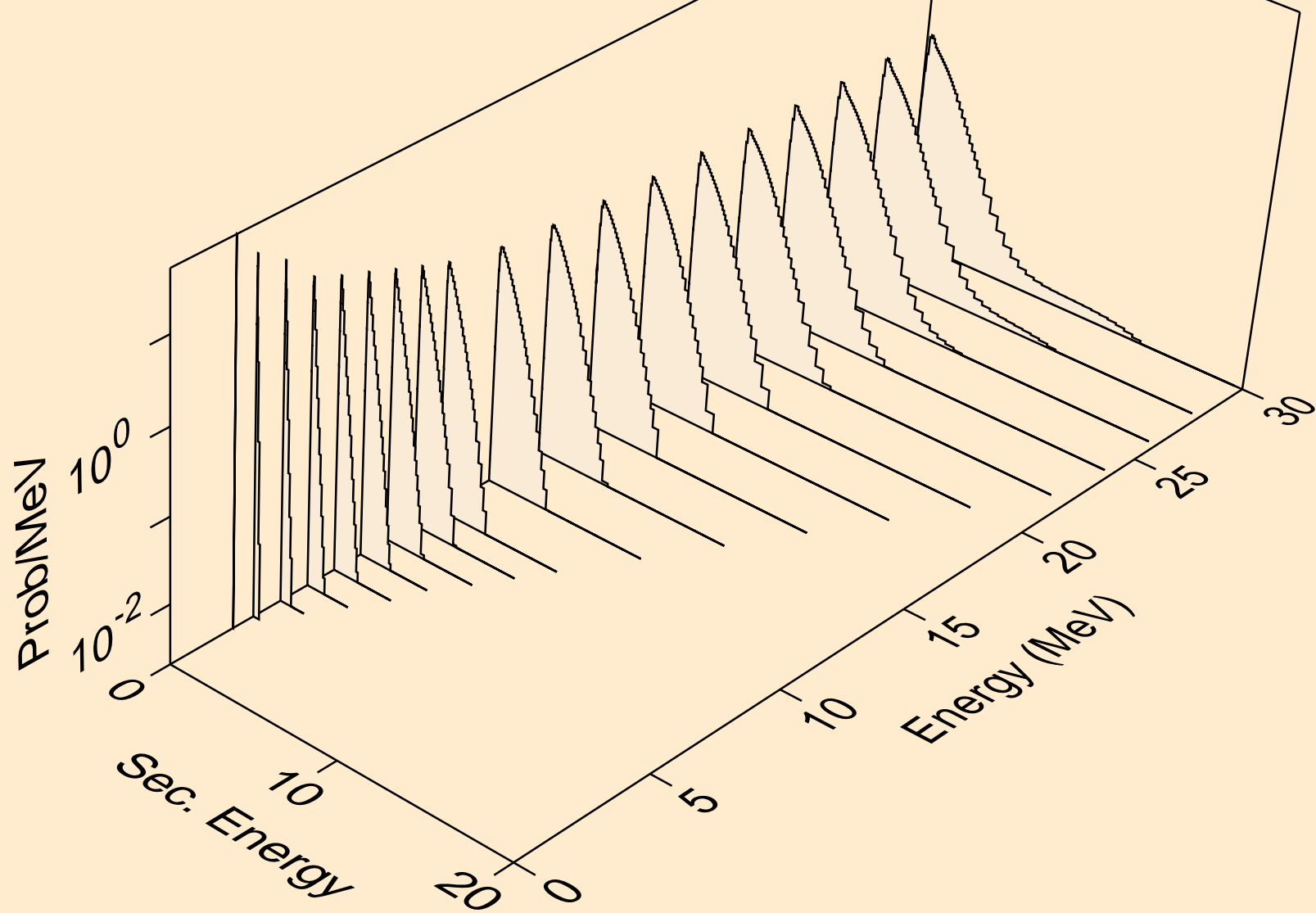
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neutrons from (d,2n)a



RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3n)a

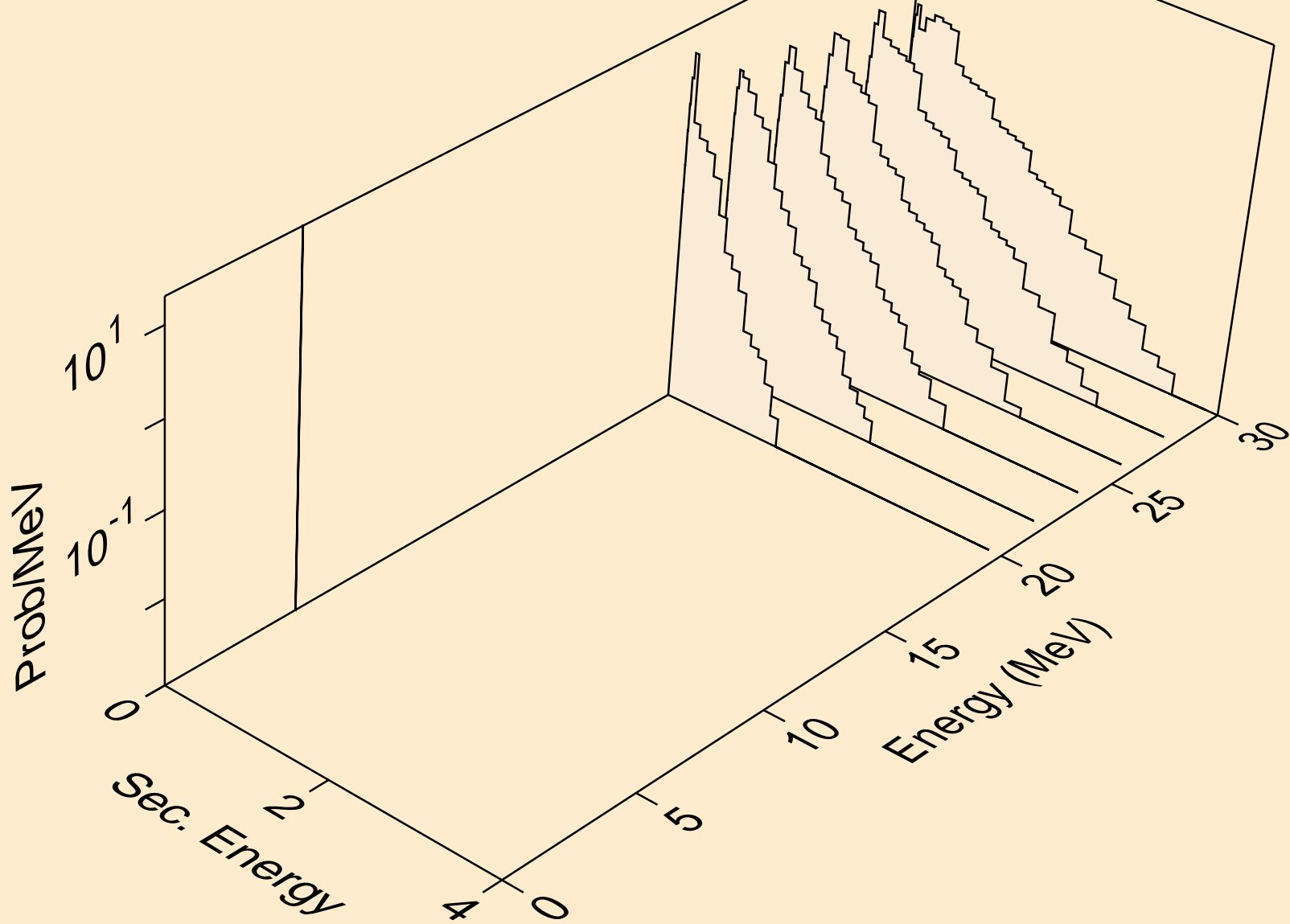


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neutrons from (d,n\*)p

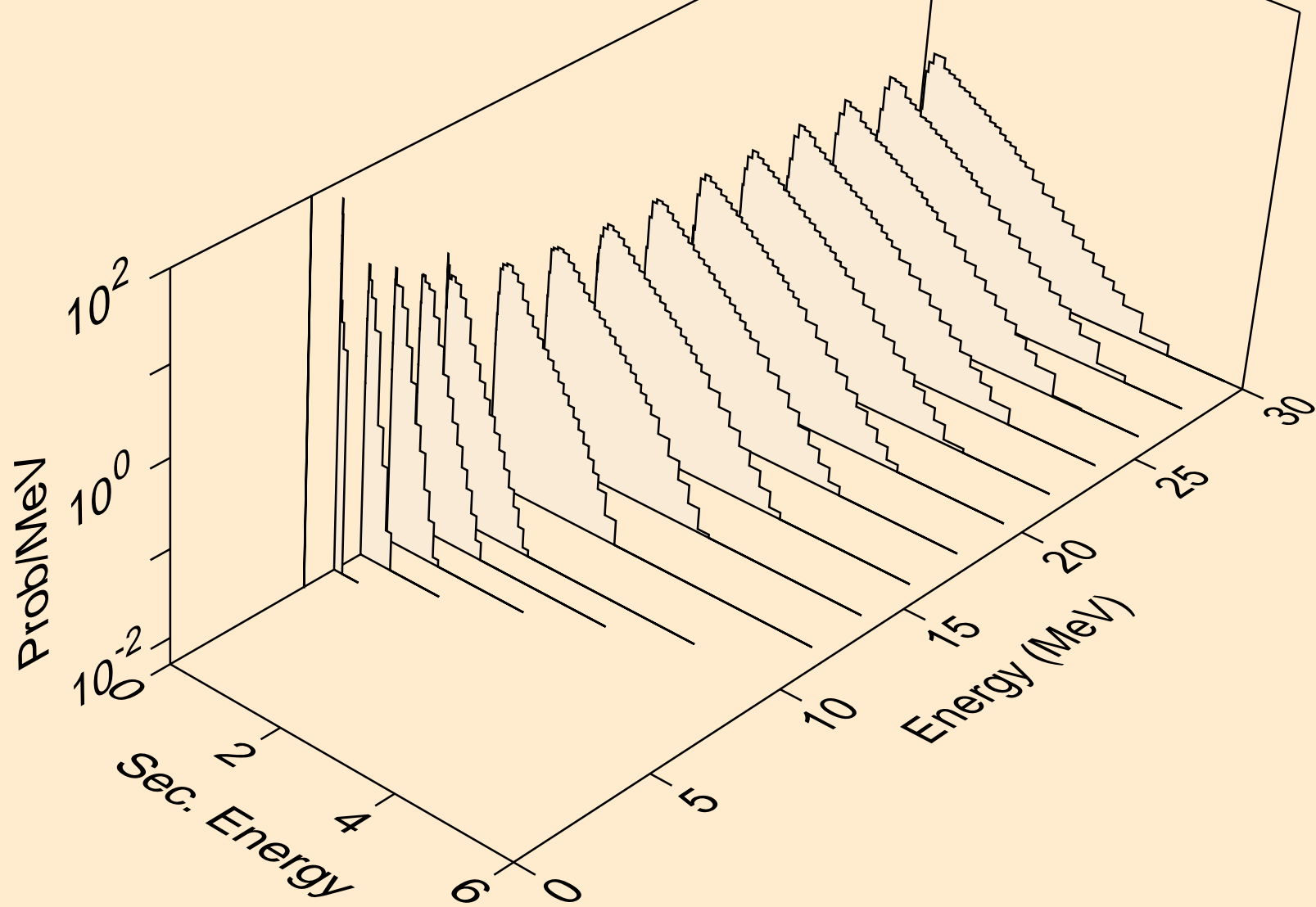




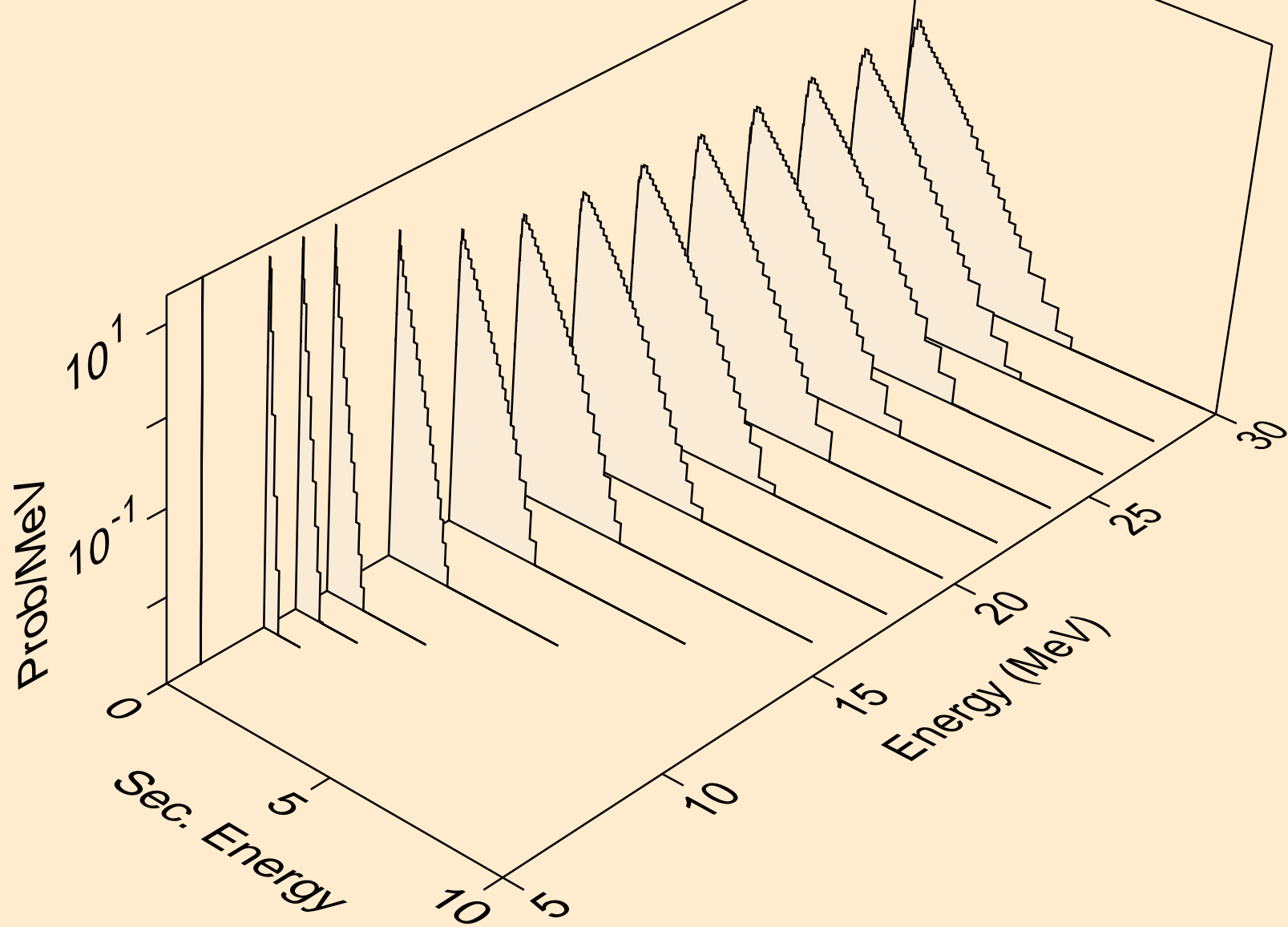
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)2a



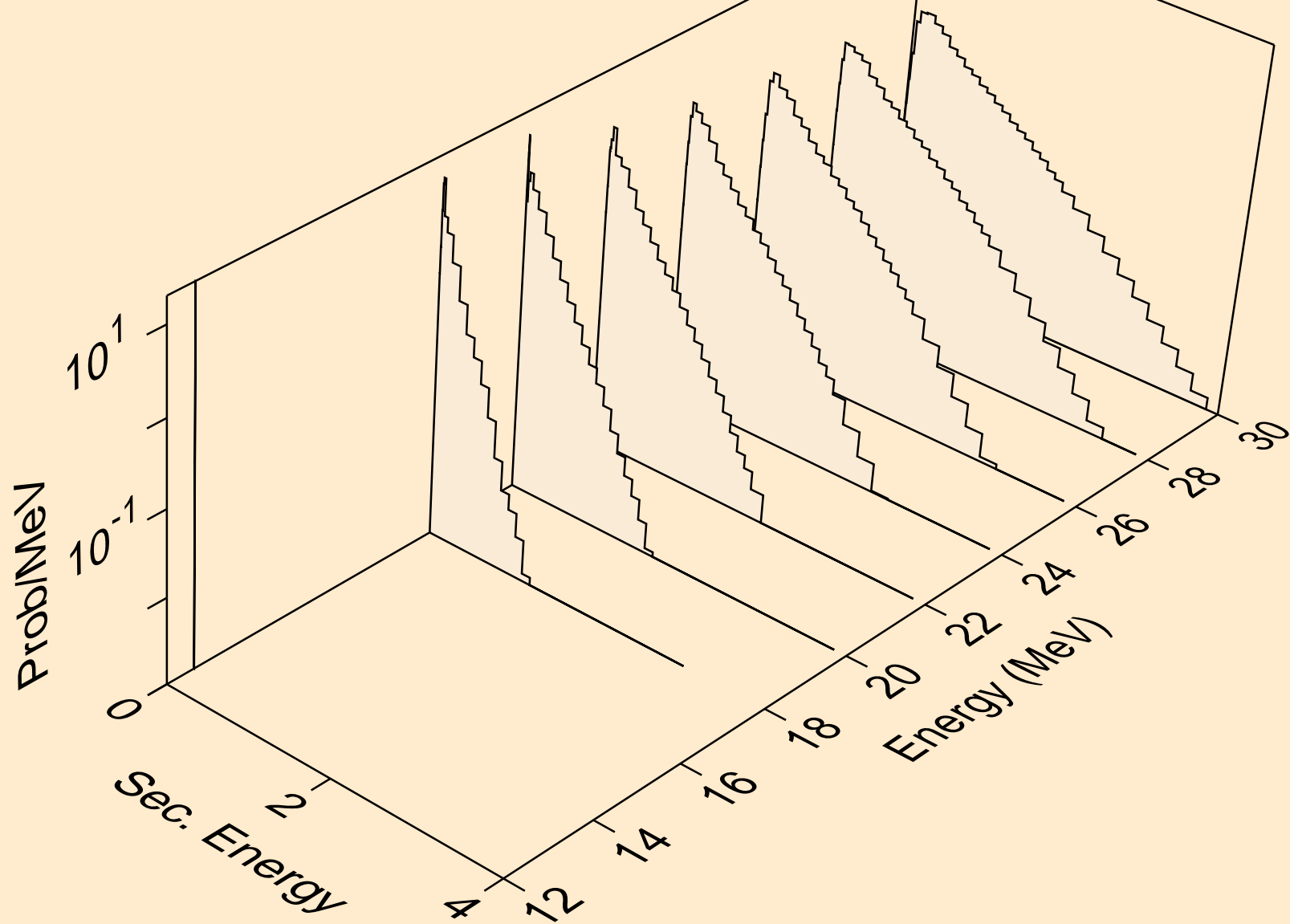
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neutrons from (d,n\*)d



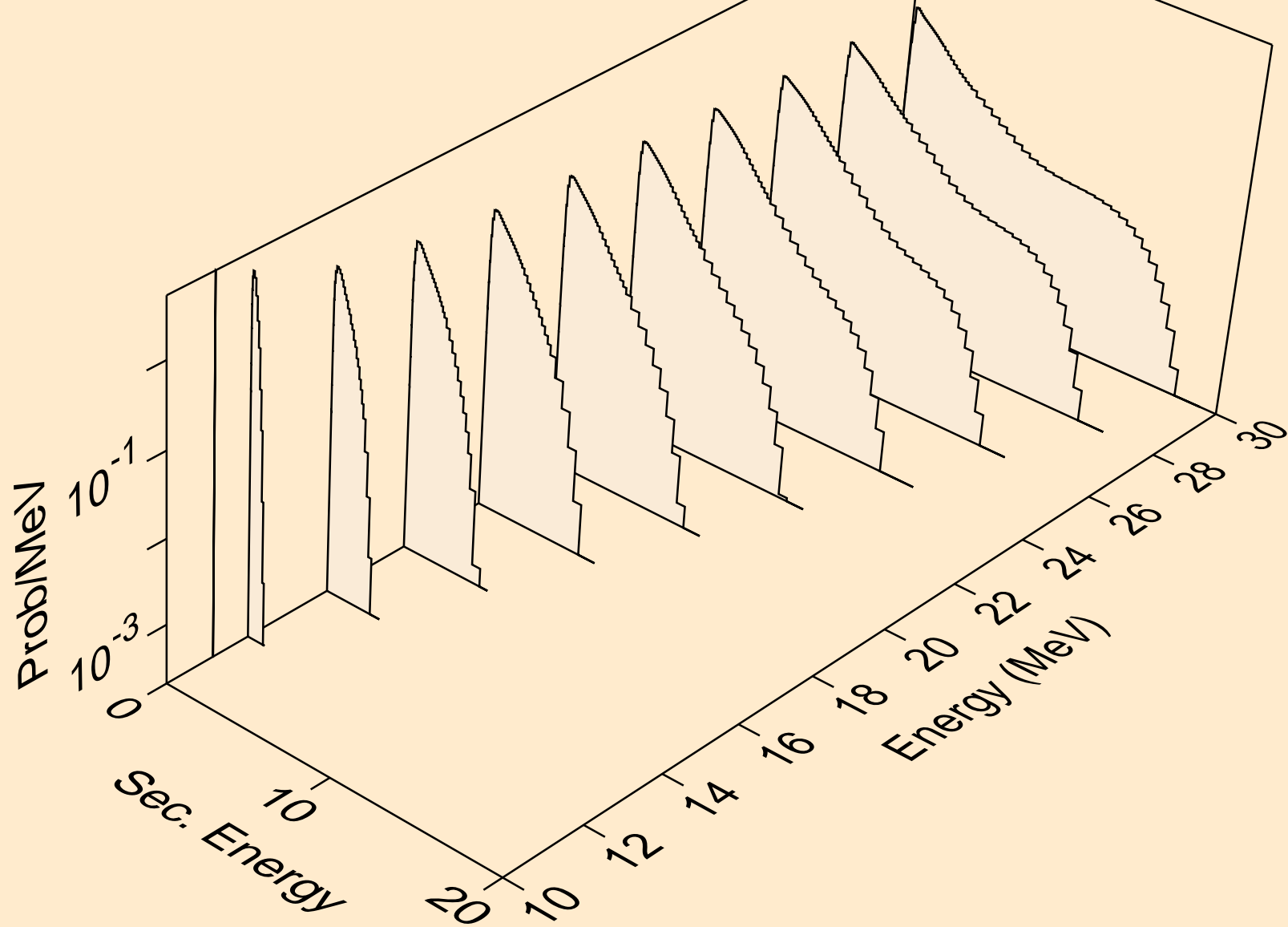
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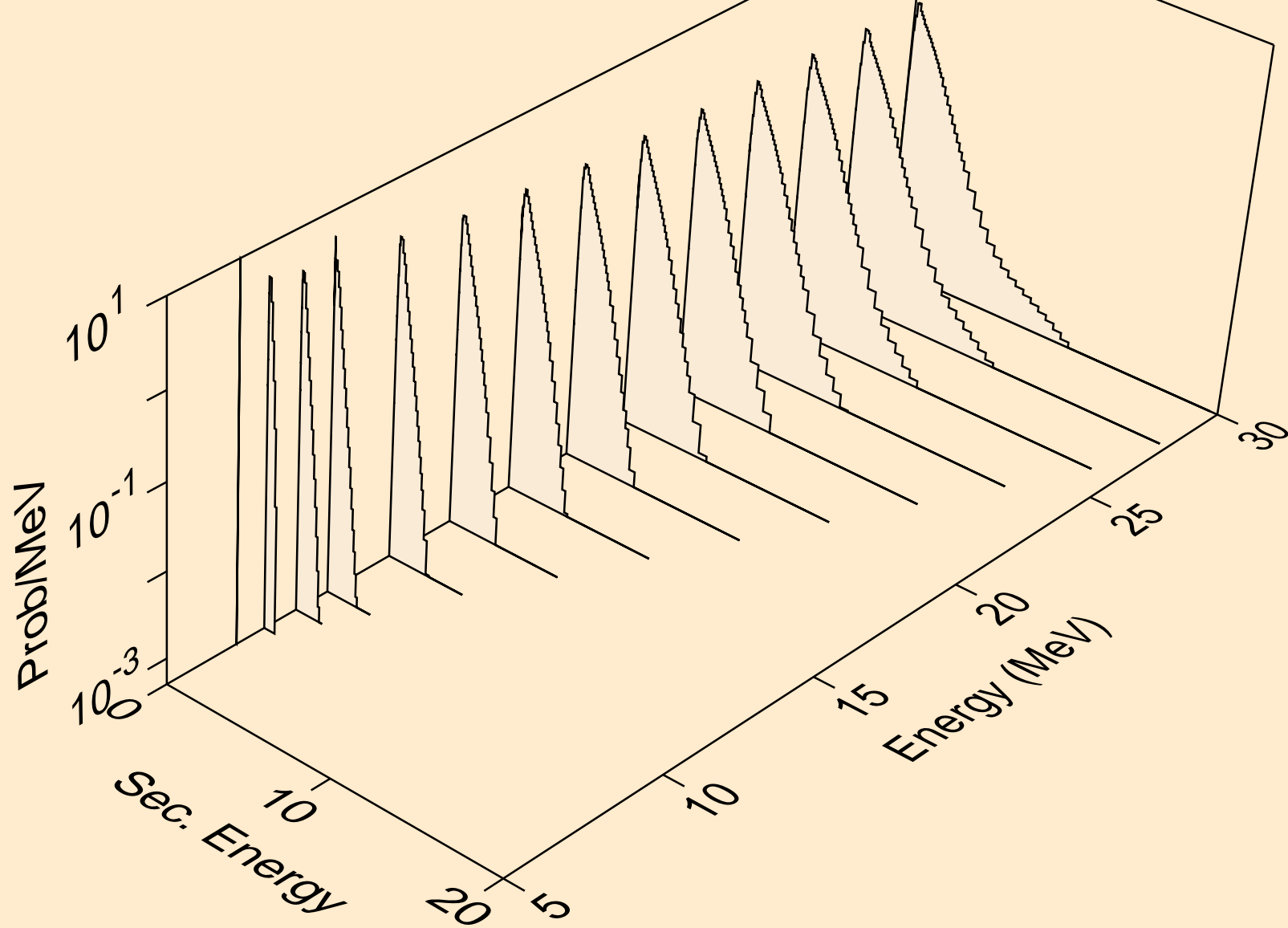
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neutrons from (d,n\*)he3



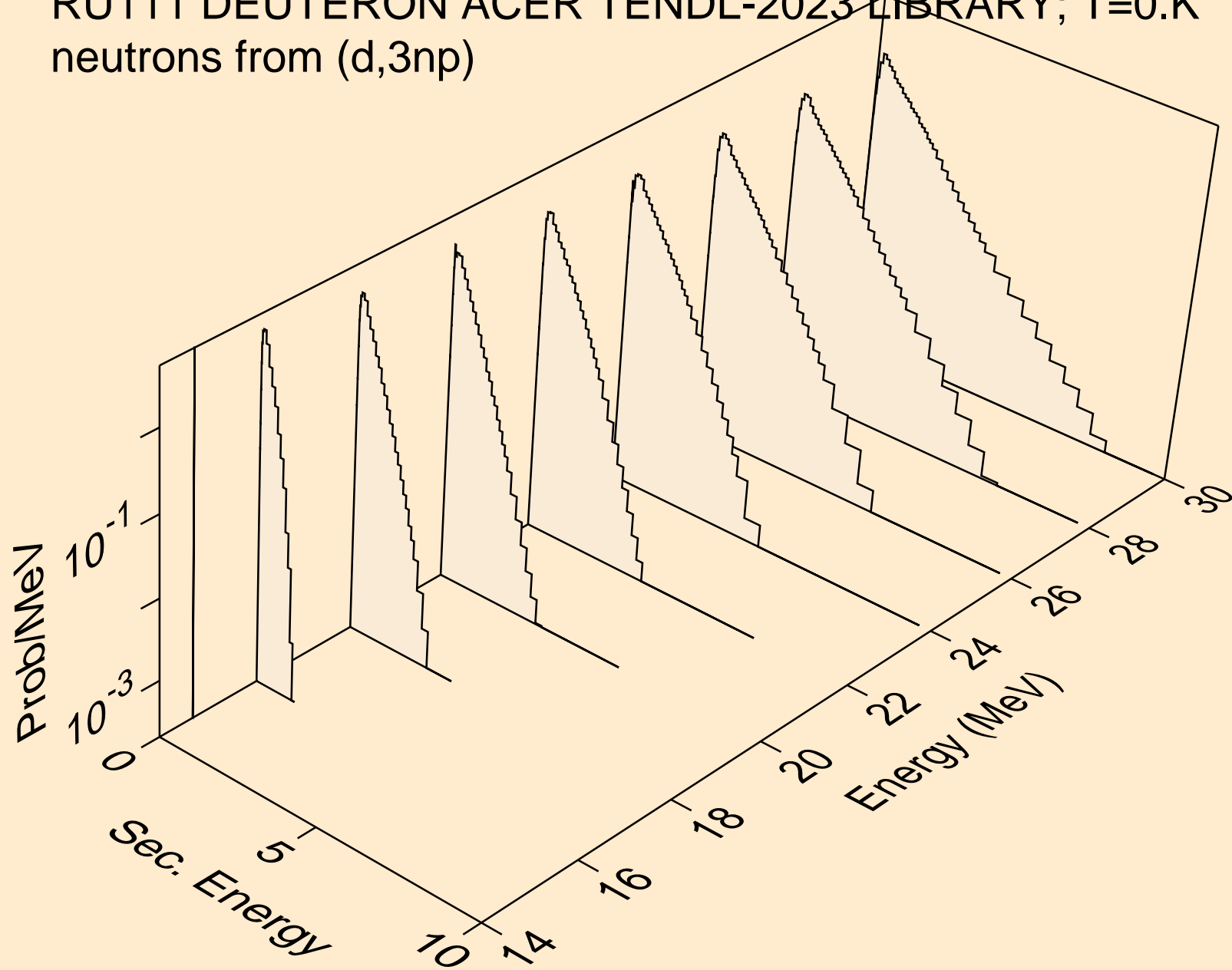
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neutrons from (d,4n)



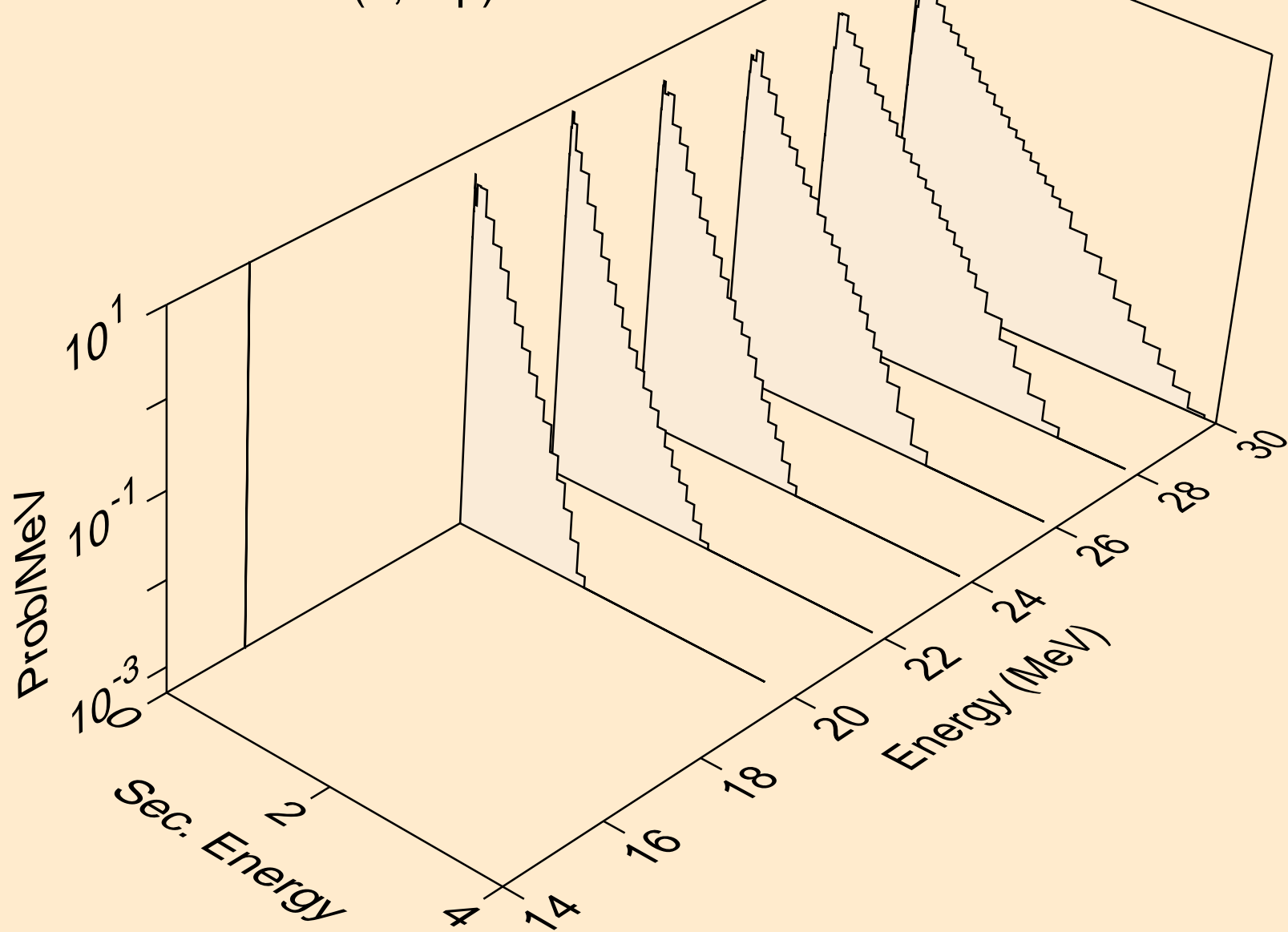
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2np)



RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3np)

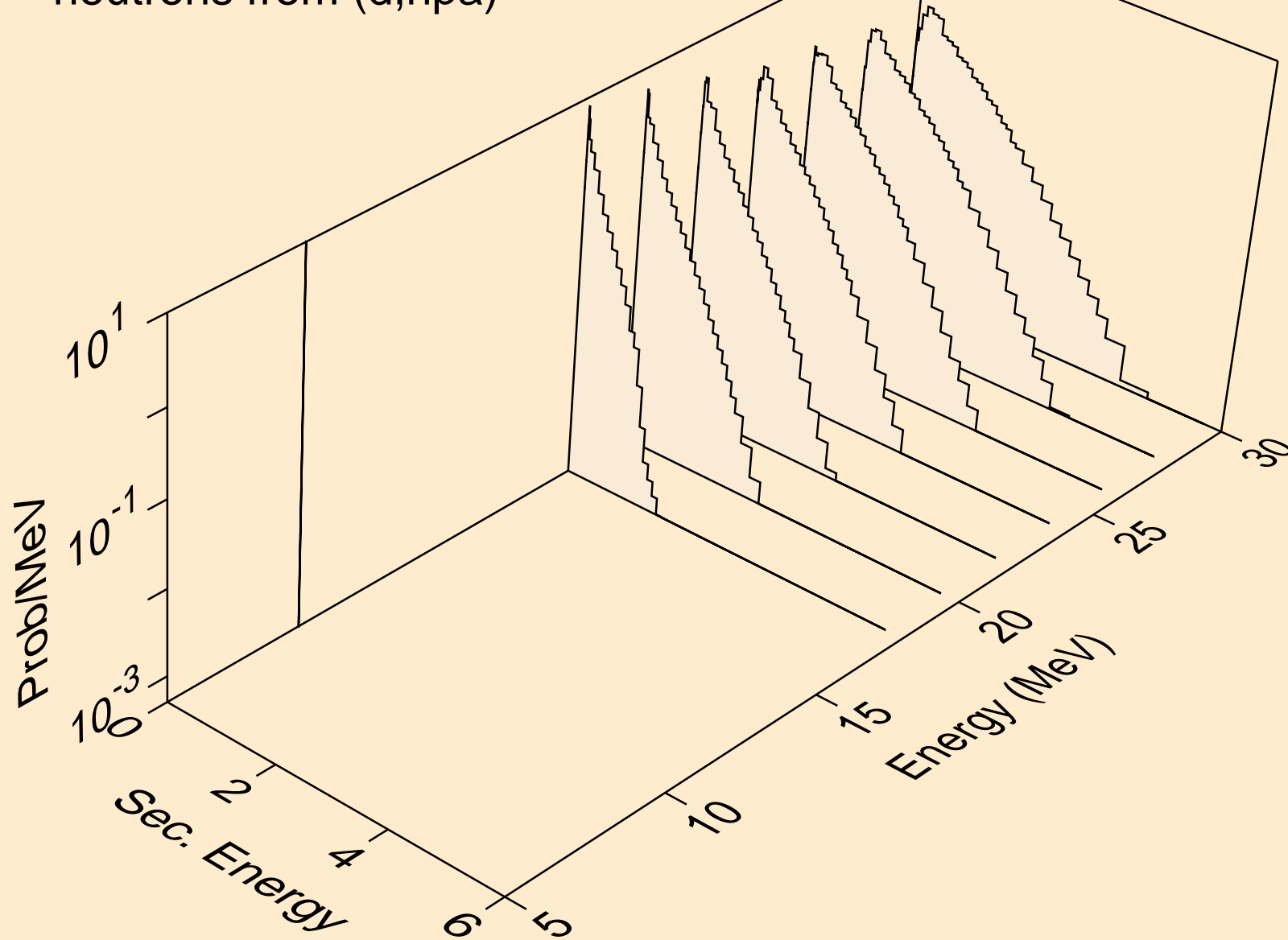


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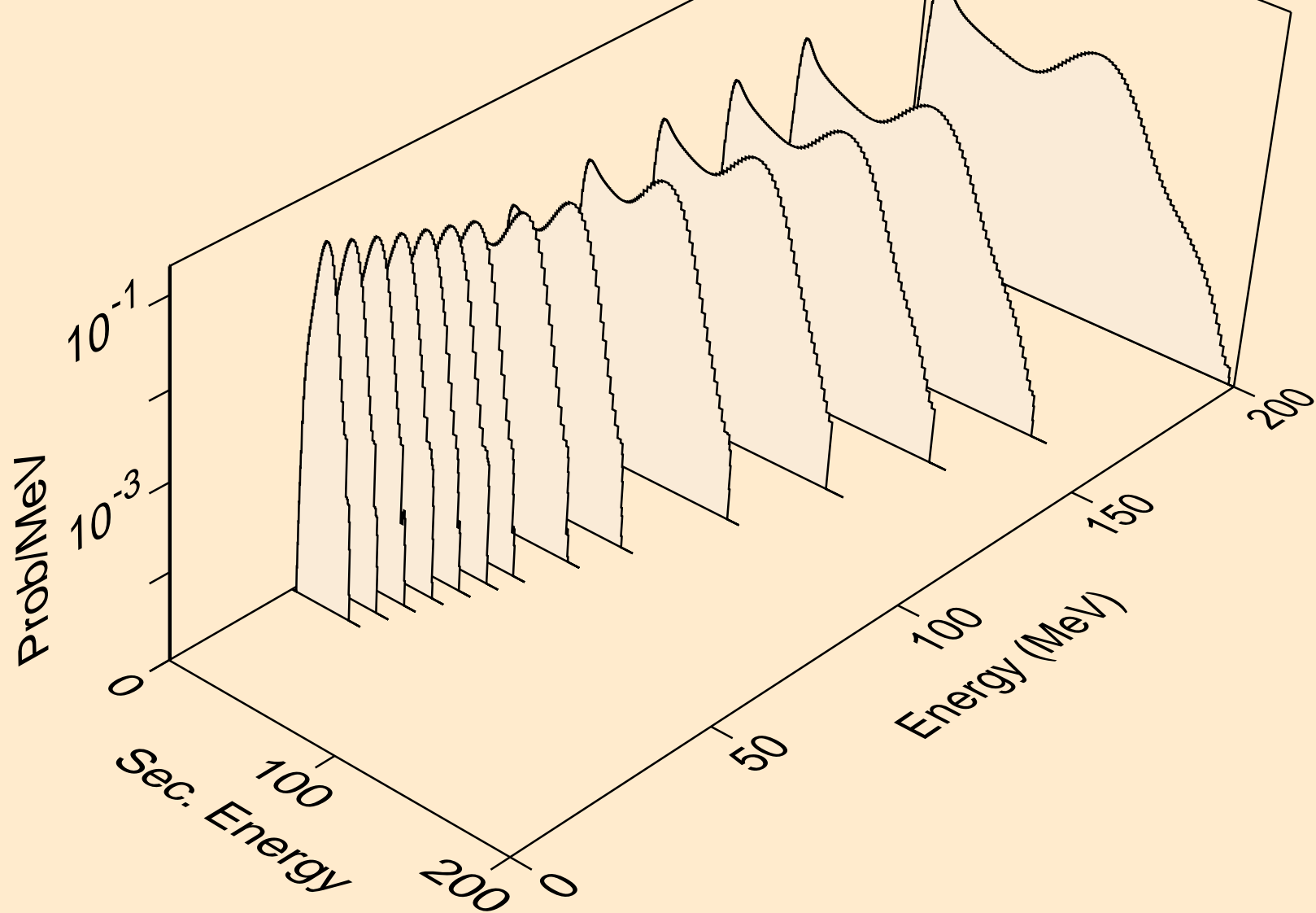




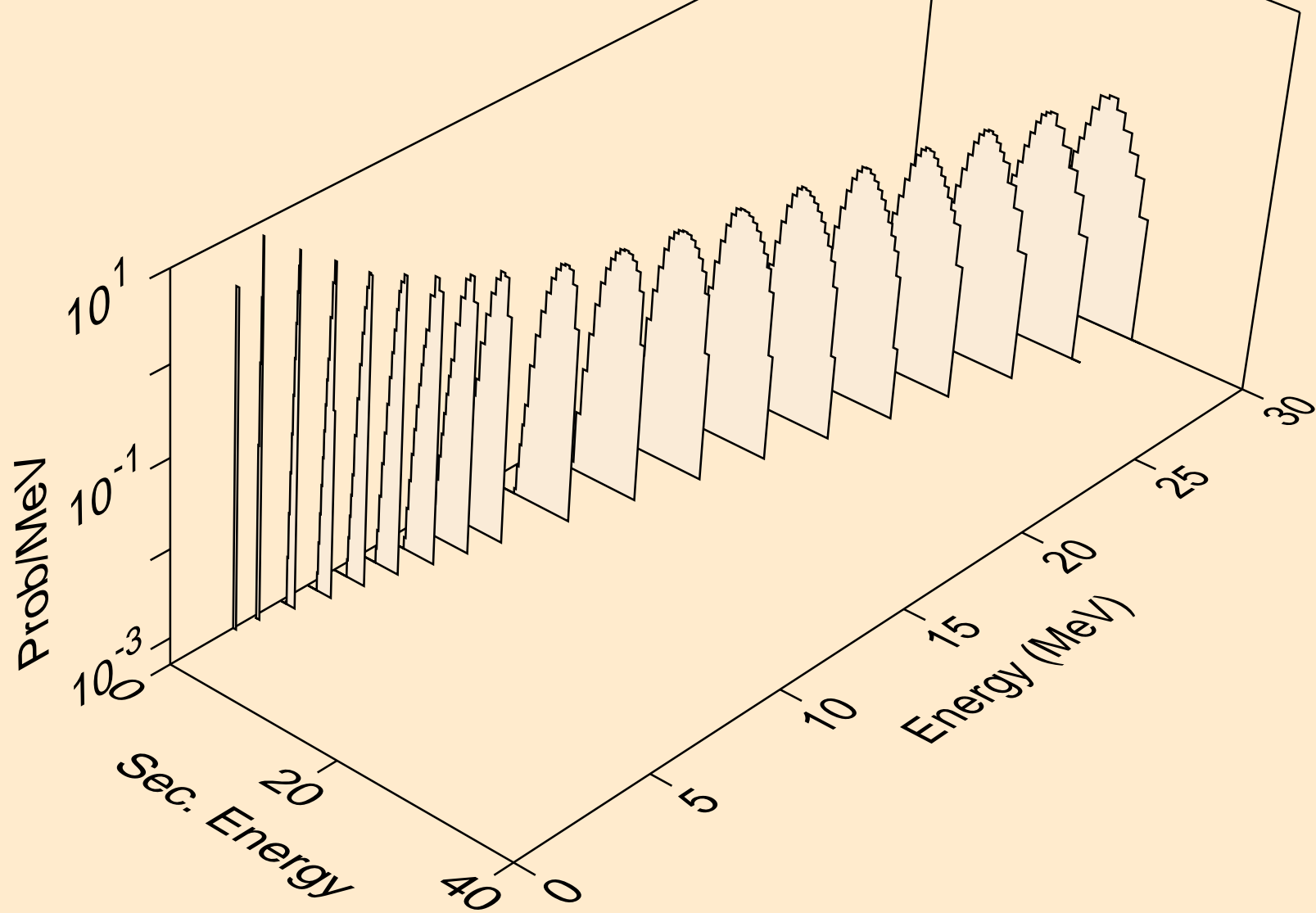
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,npa)



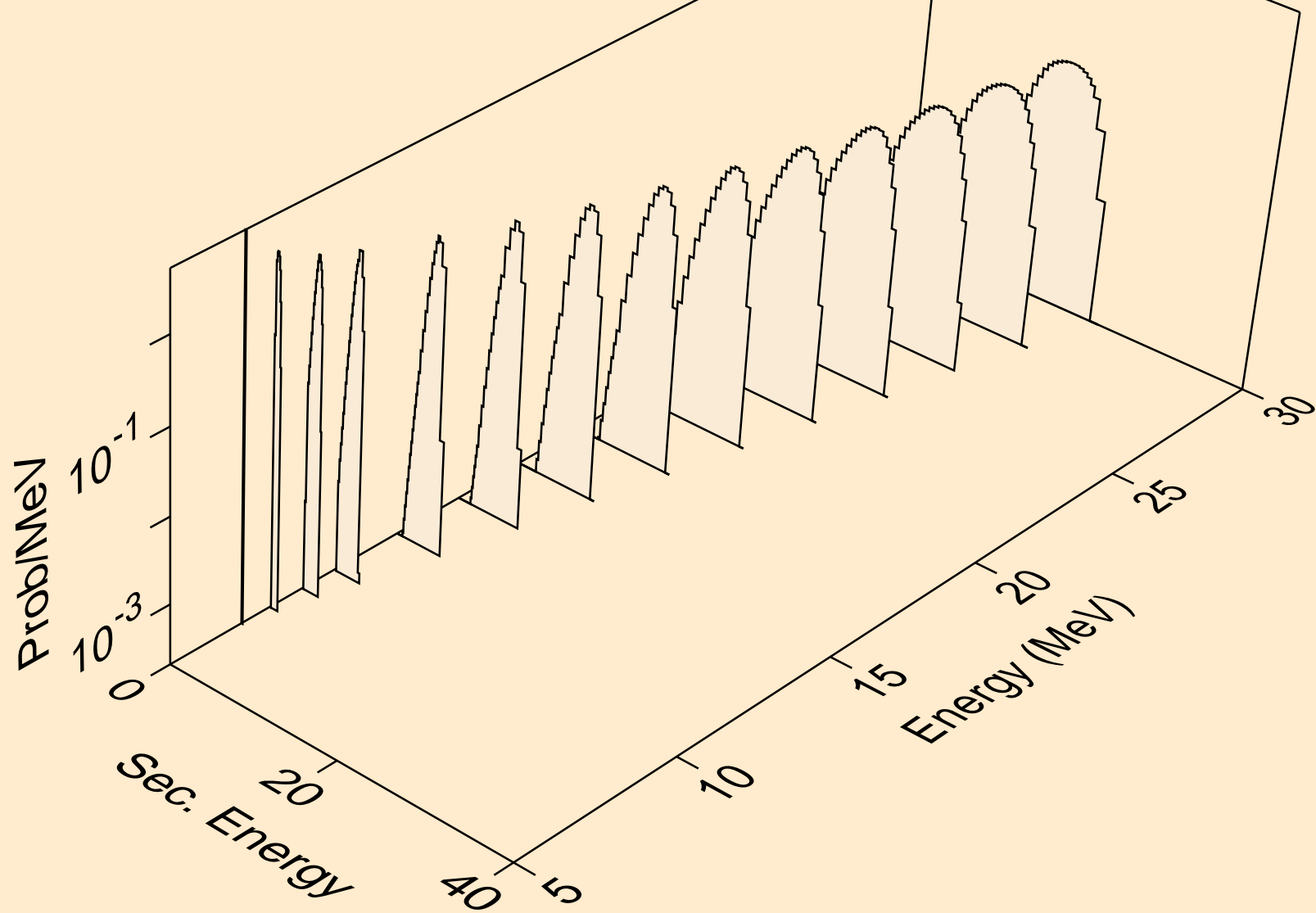
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,x)



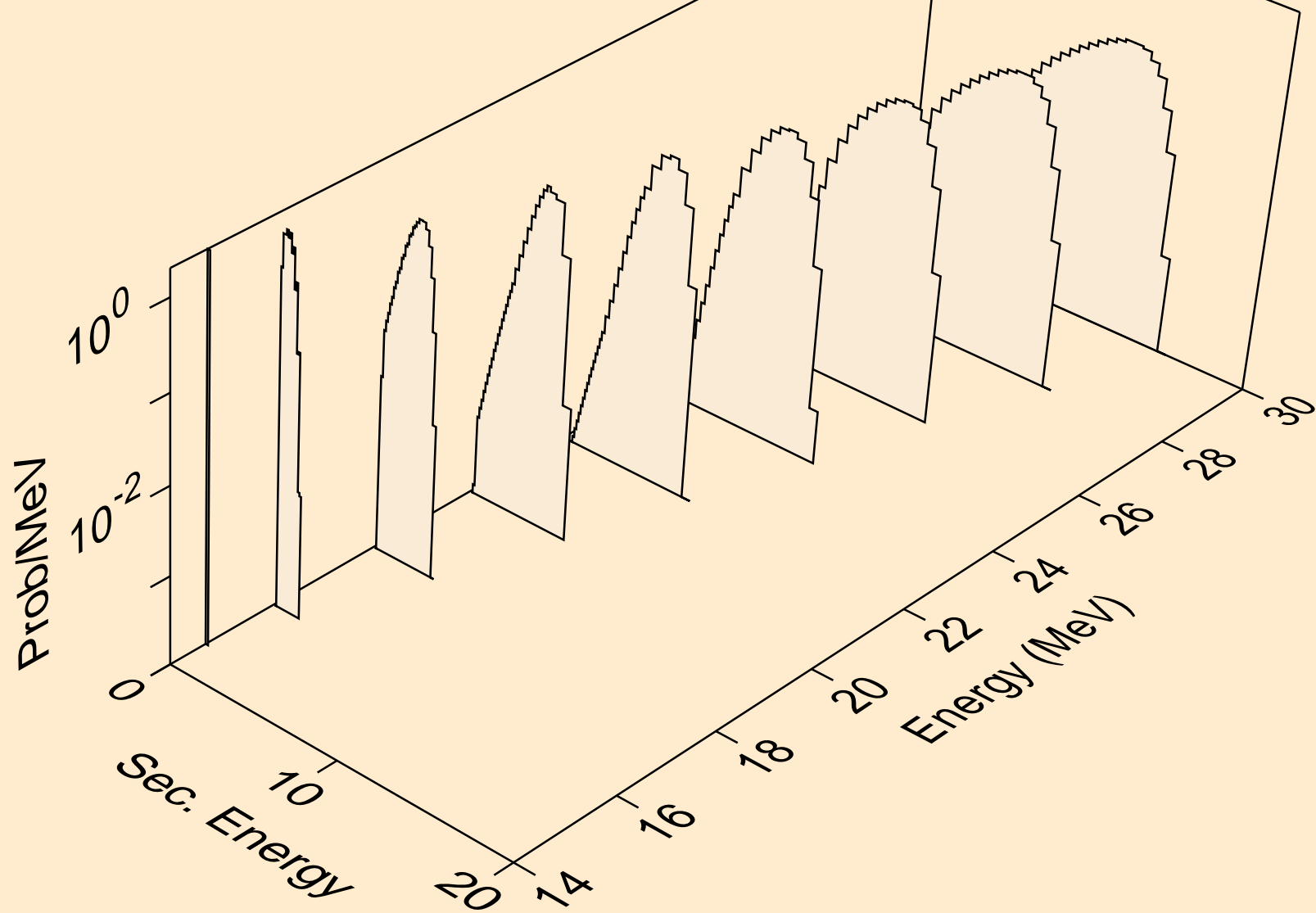
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n\*)p



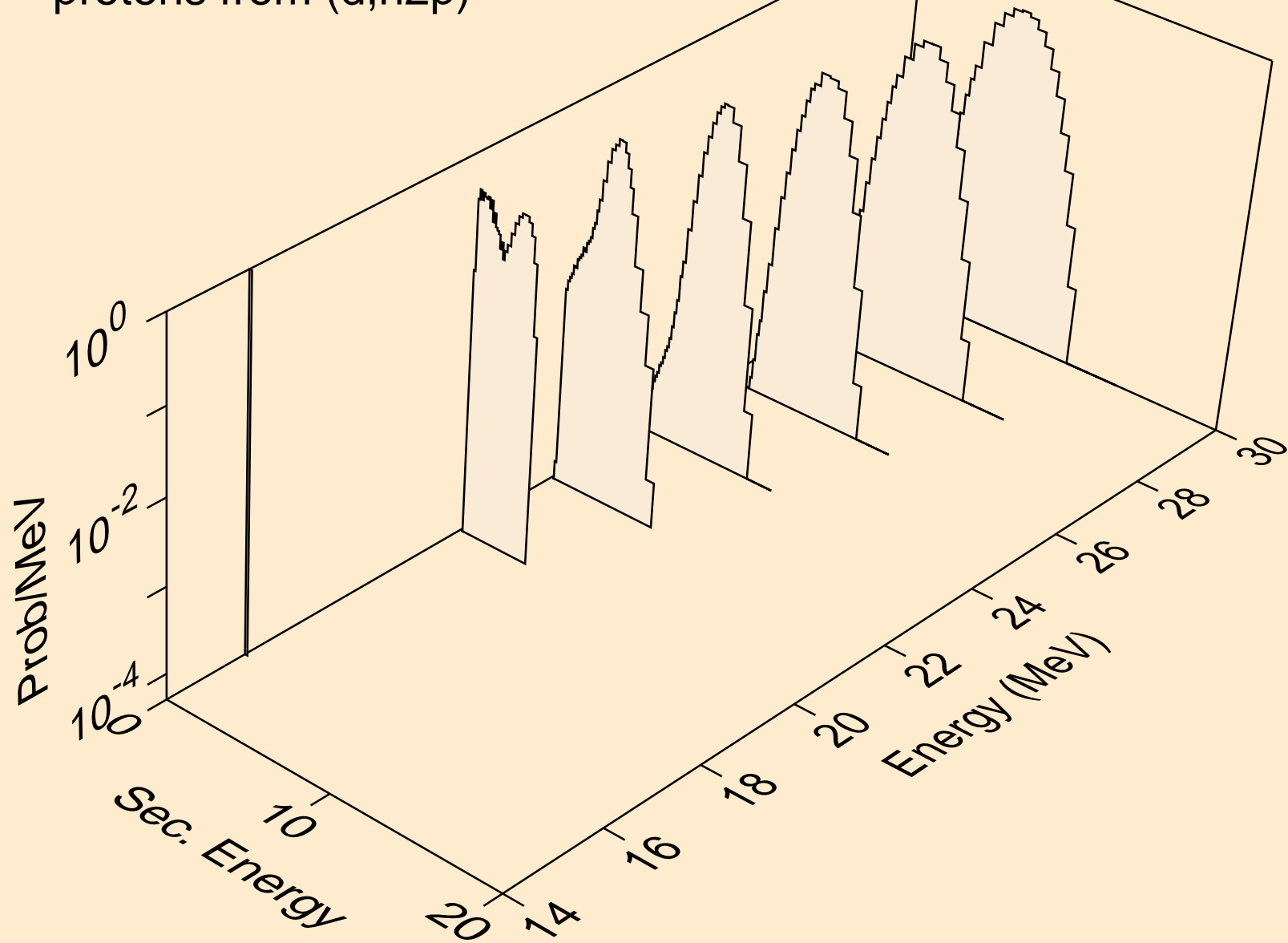
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protons from (d,2np)



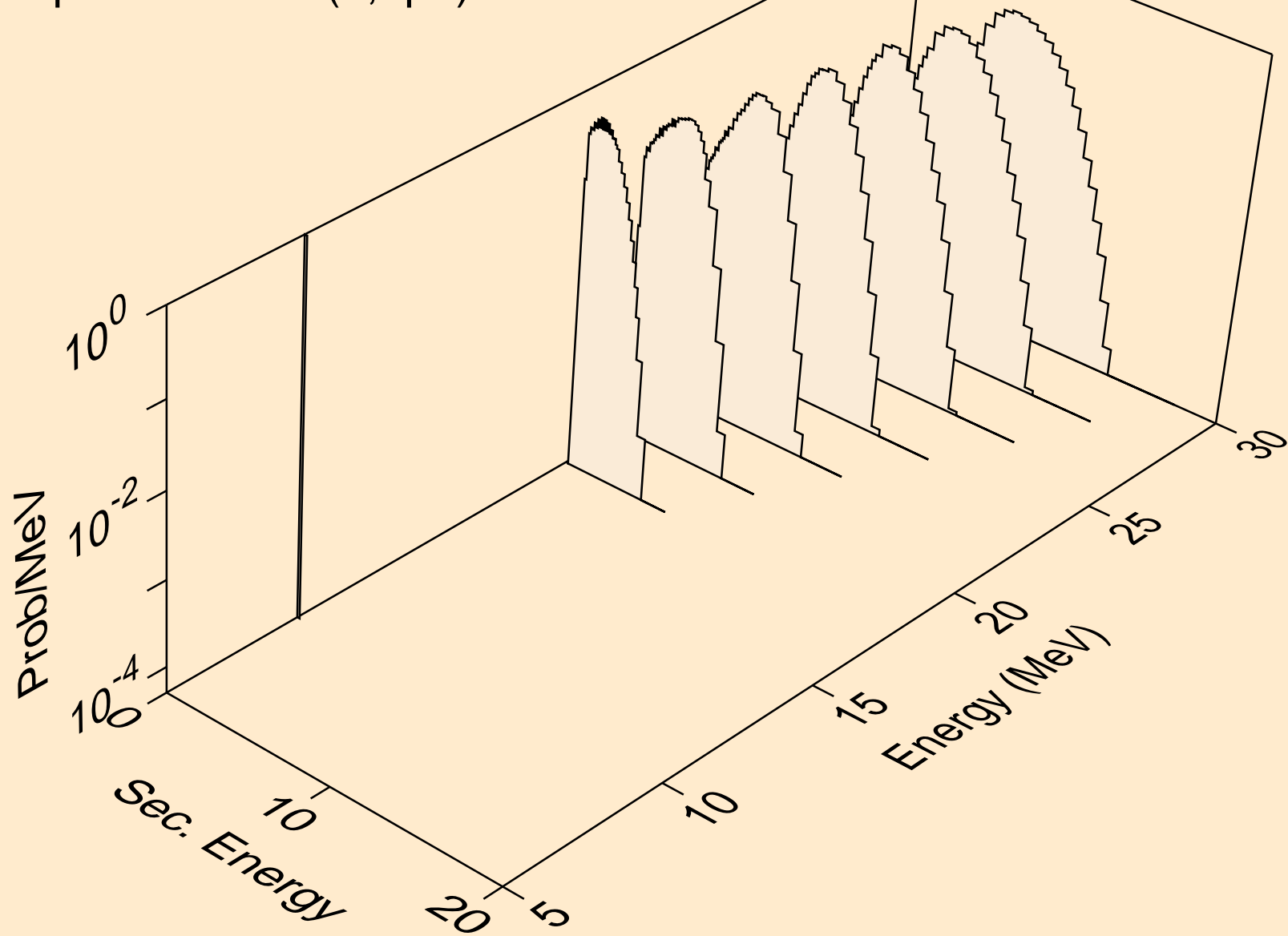
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protons from (d,3np)



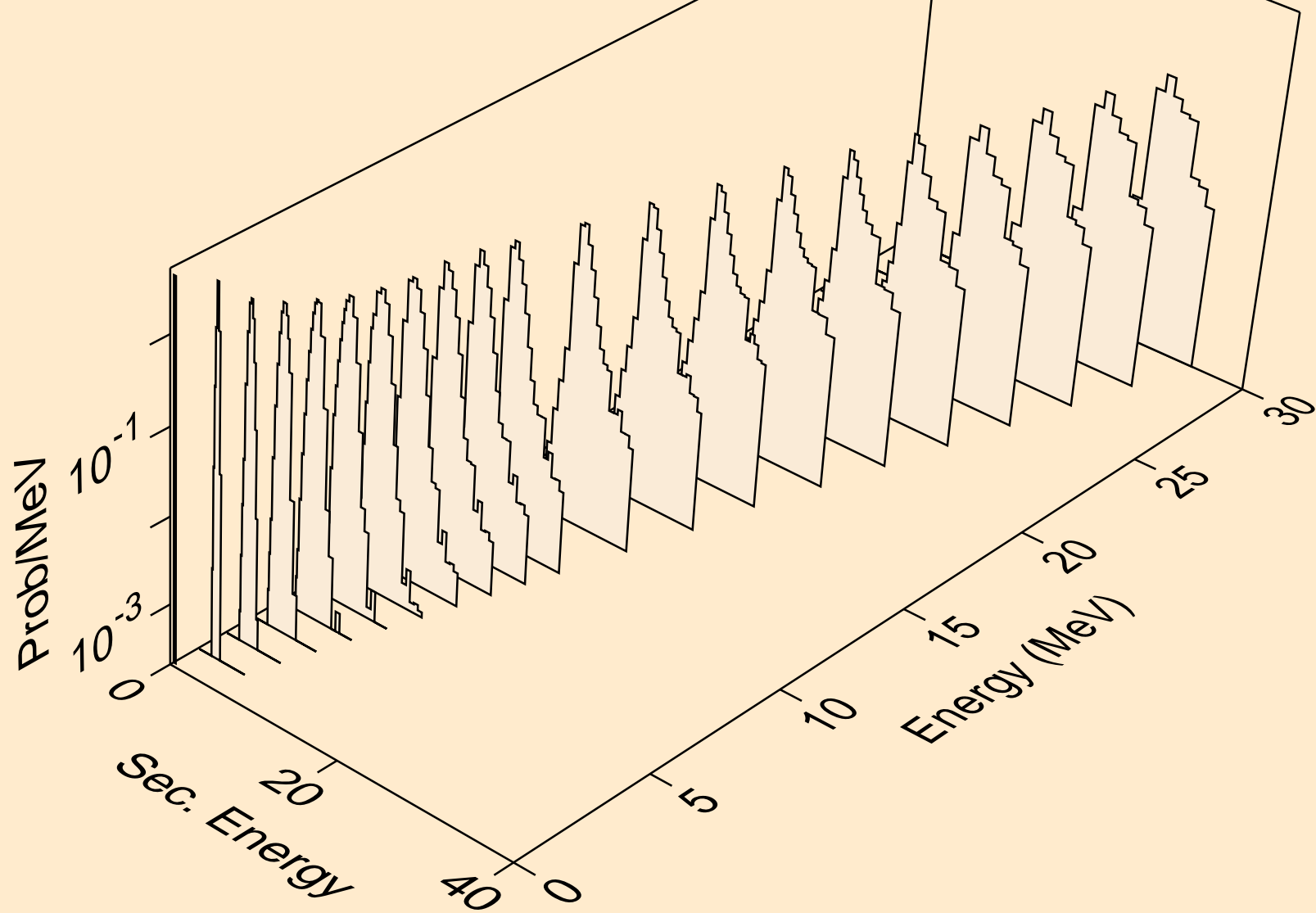
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n2p)



RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,npa)

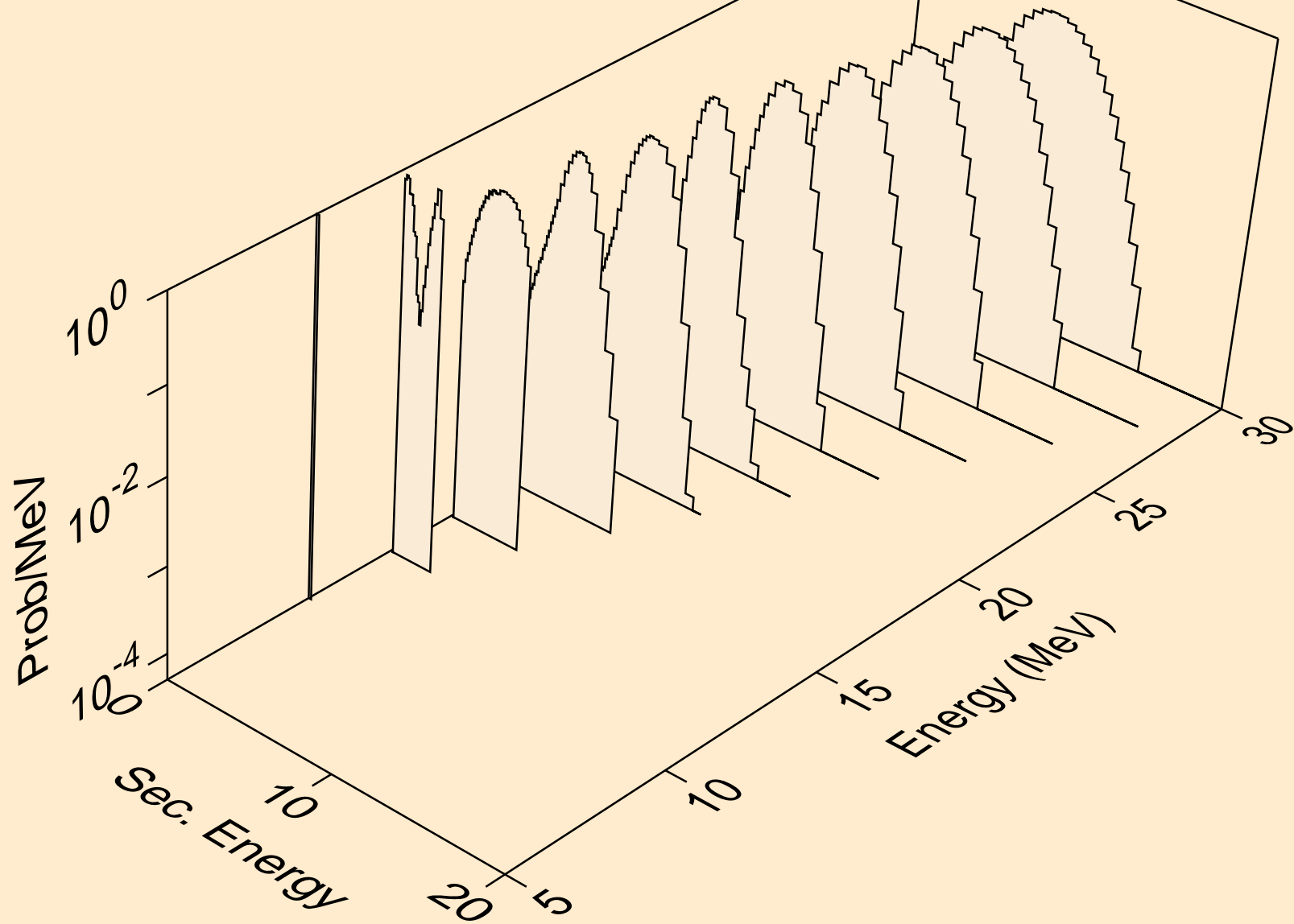


RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,p)

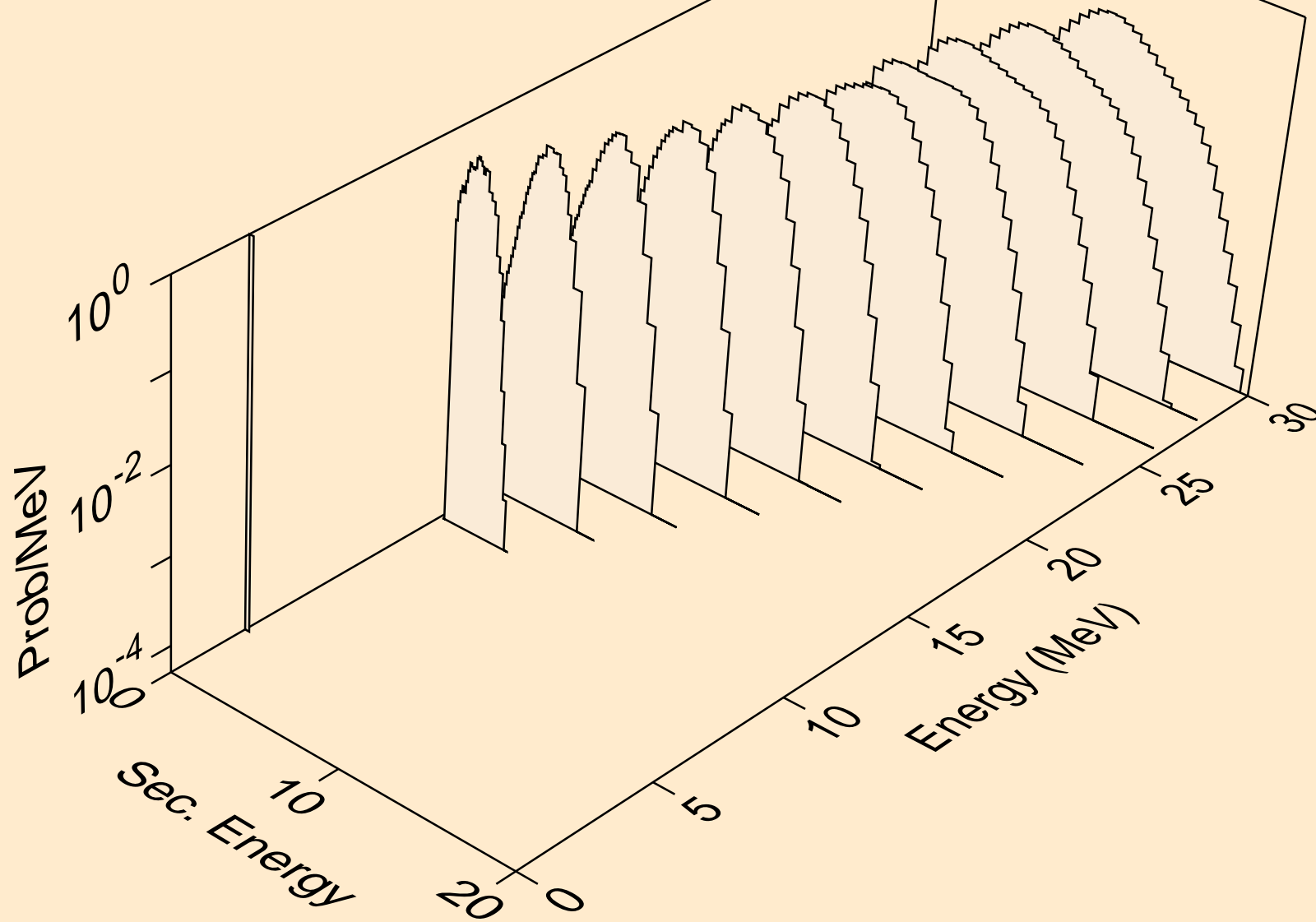




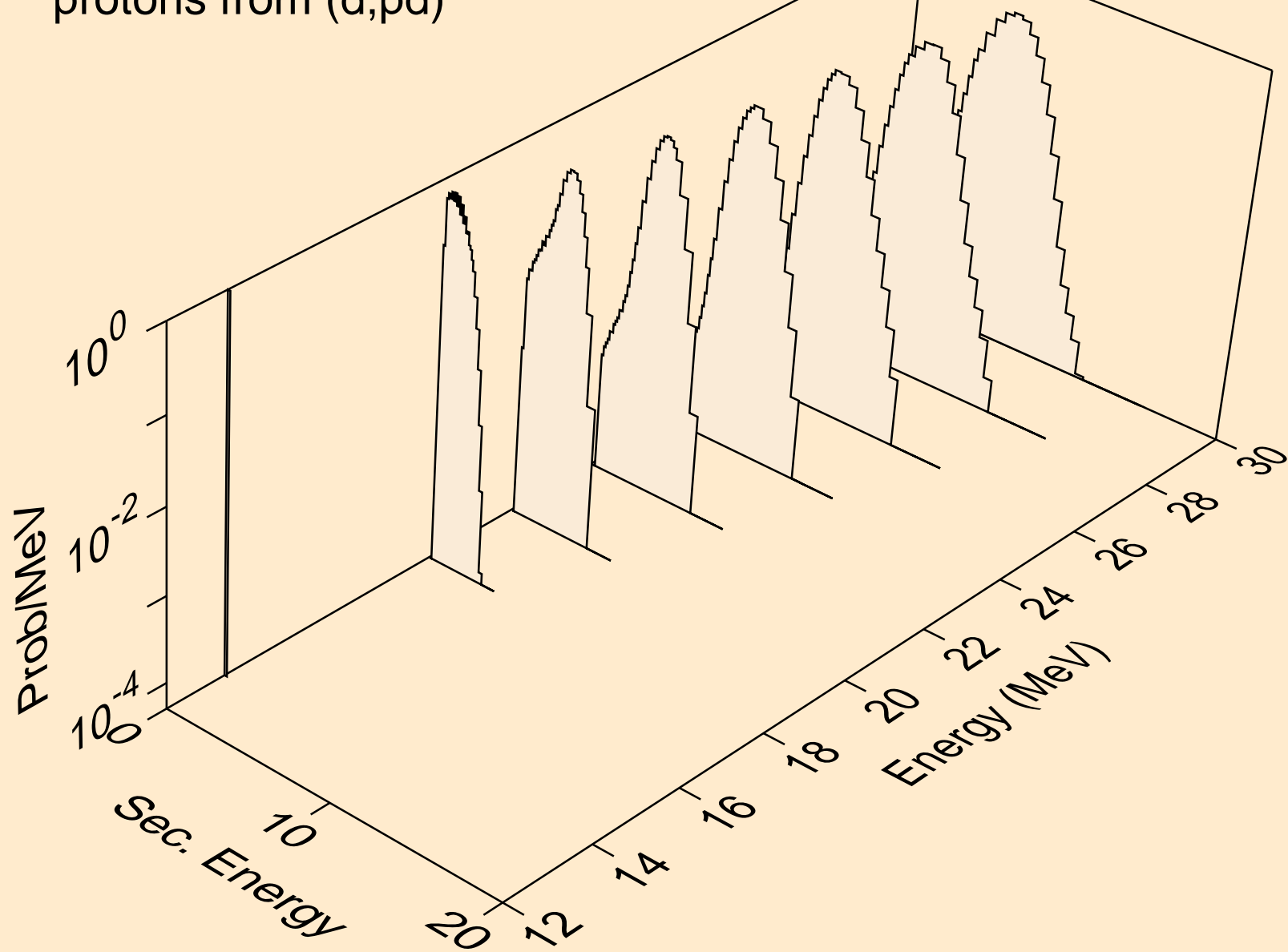
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protons from (d,2p)



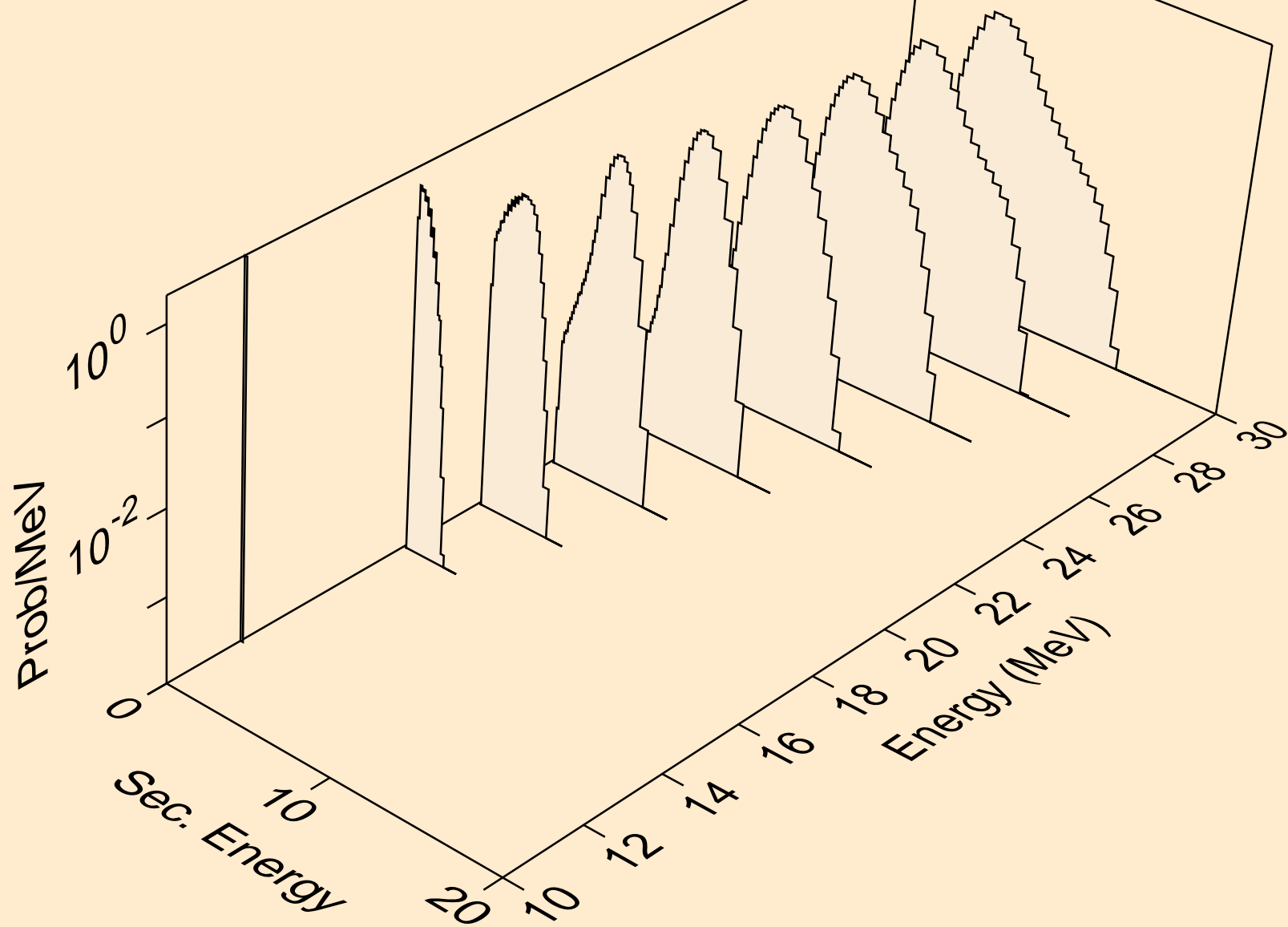
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protons from (d,pa)



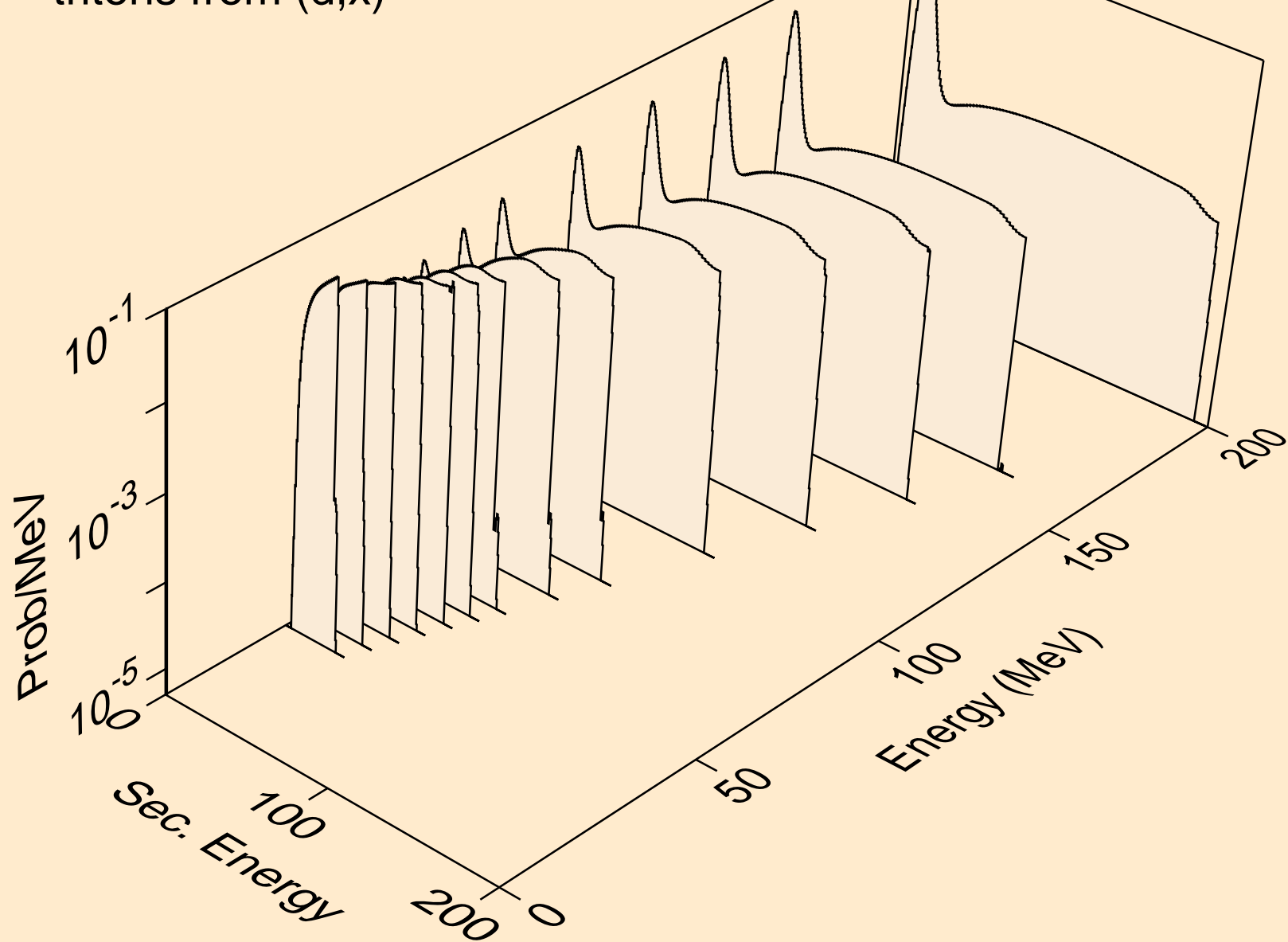
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protons from (d,pd)



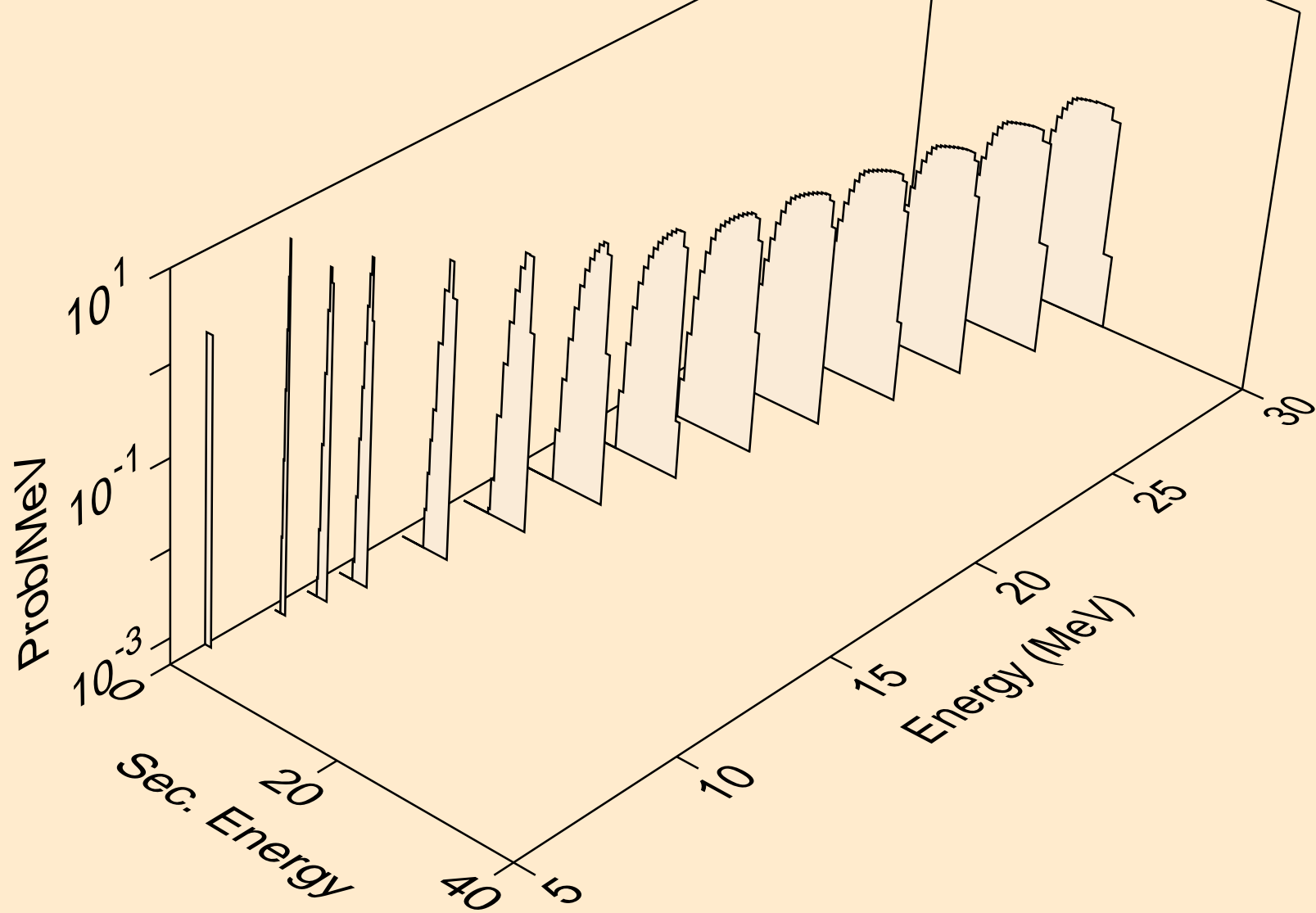
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protons from (d,pt)



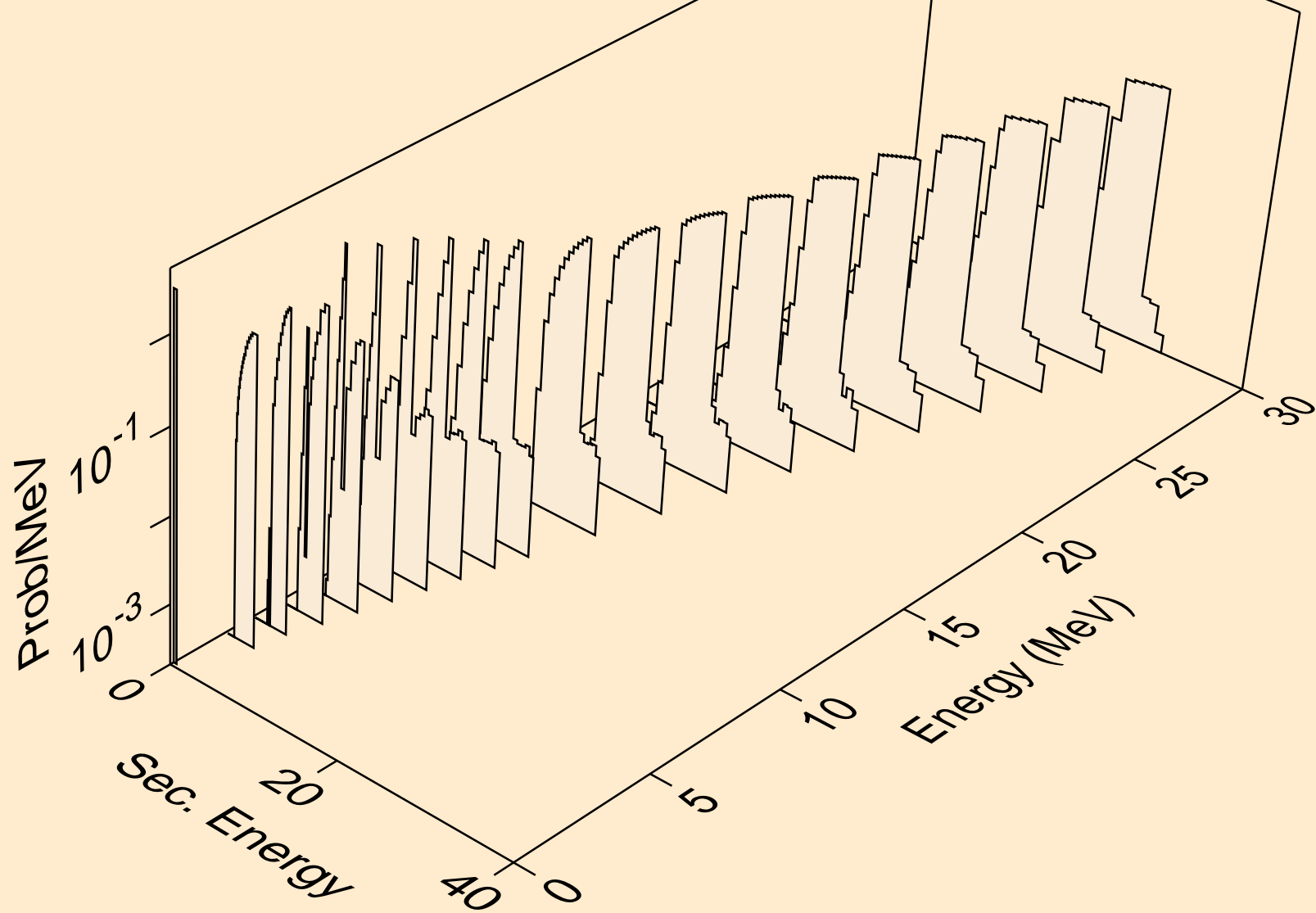
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tritons from (d,x)



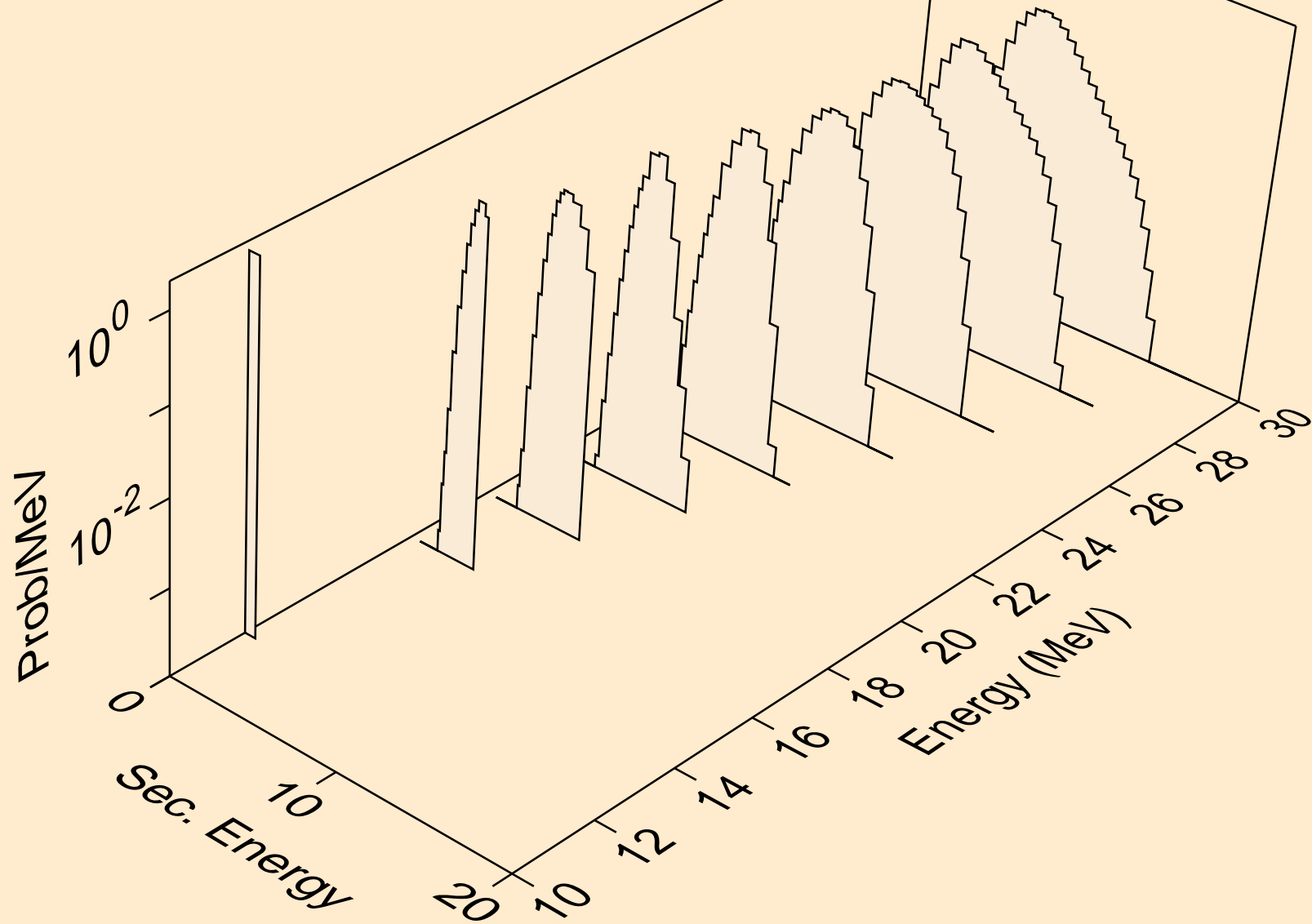
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,n\*)t



RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,t)

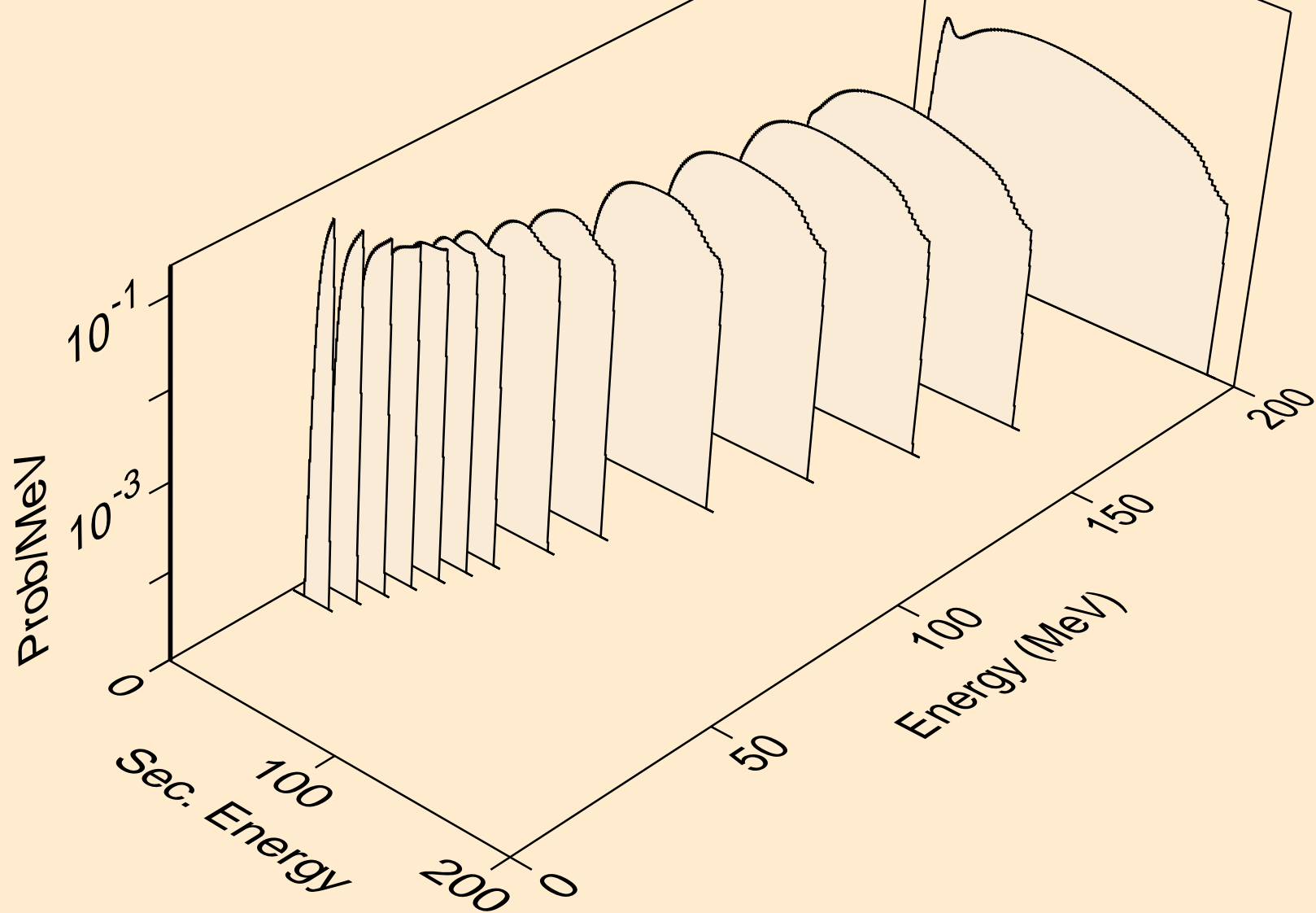


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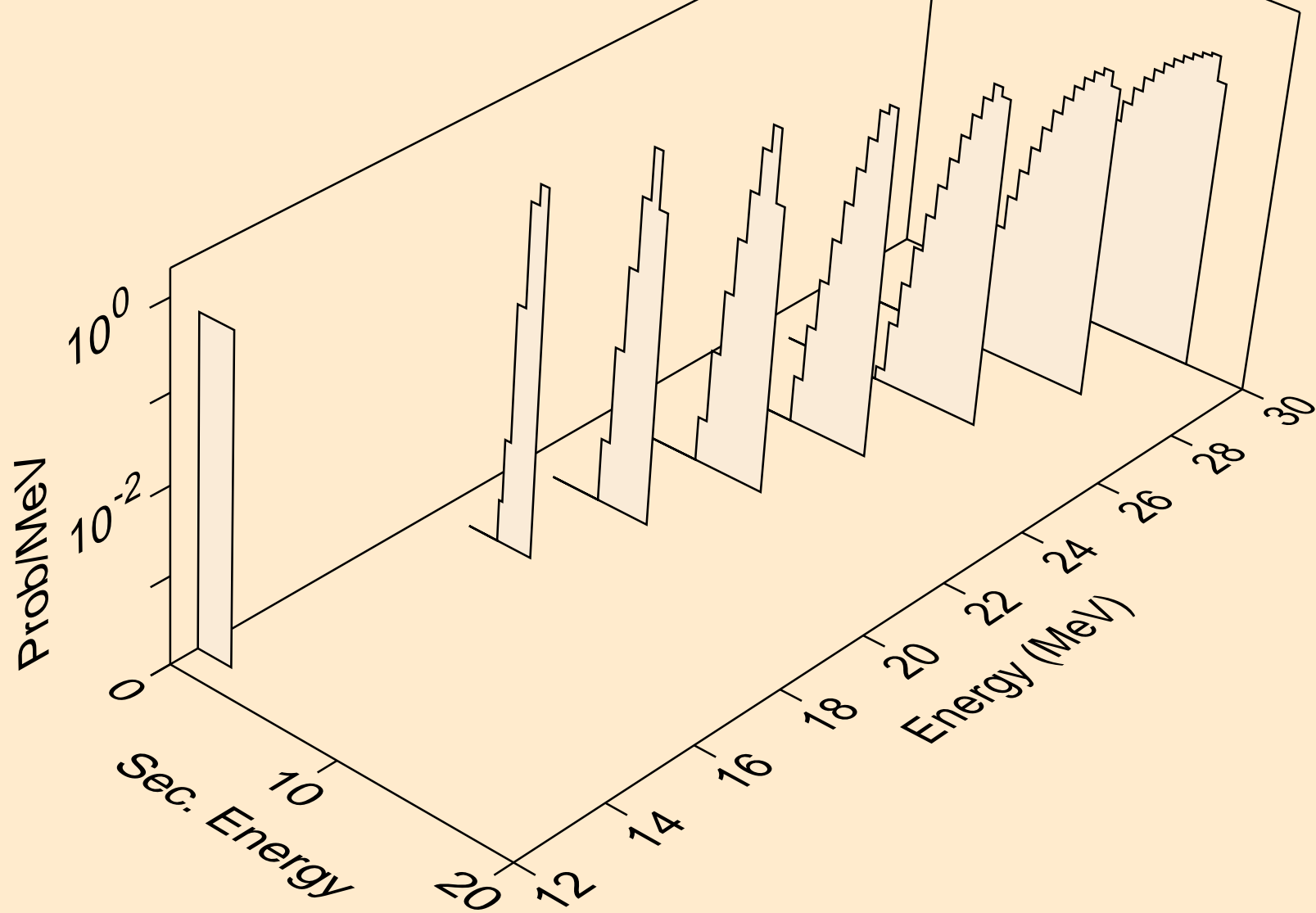




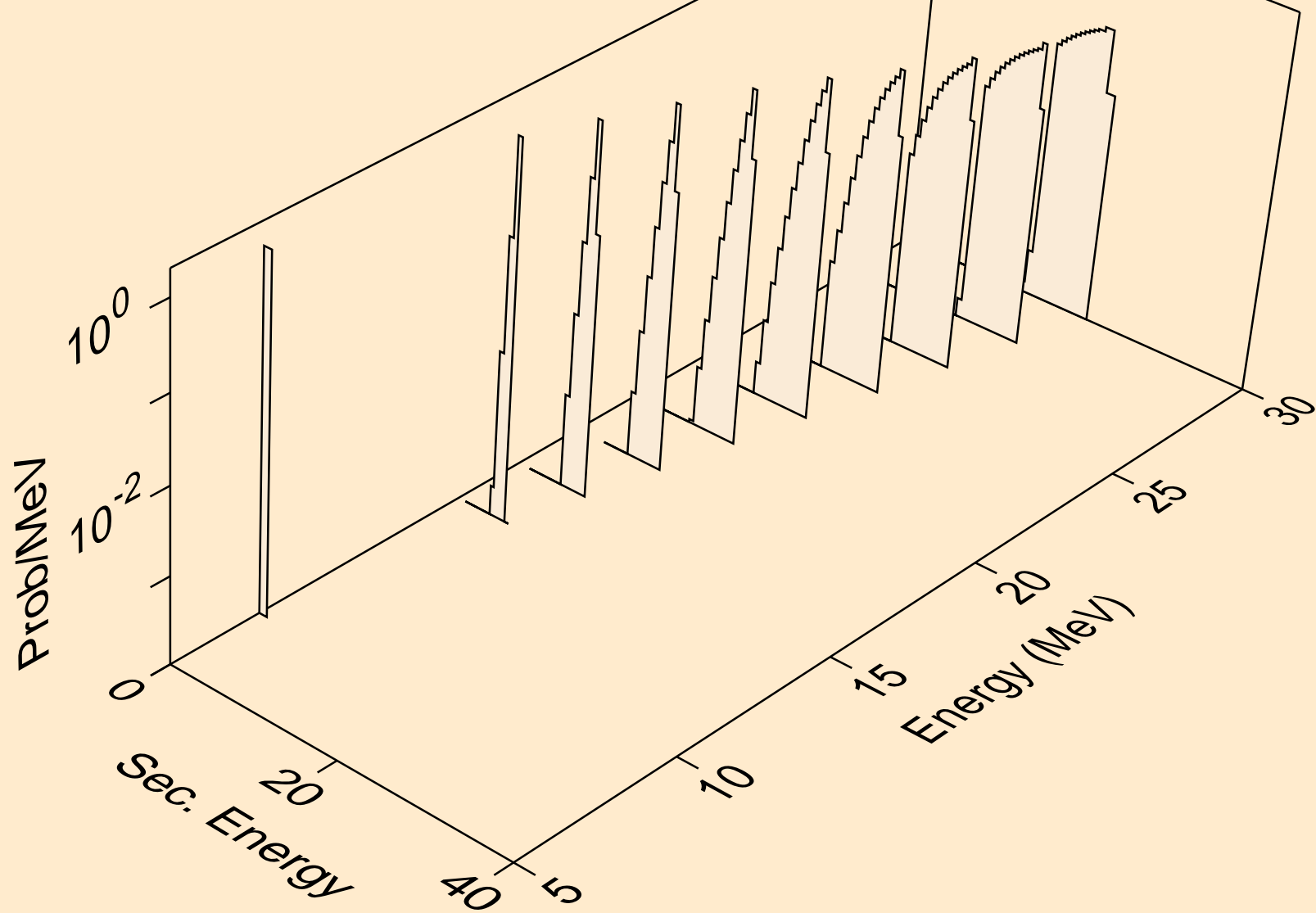
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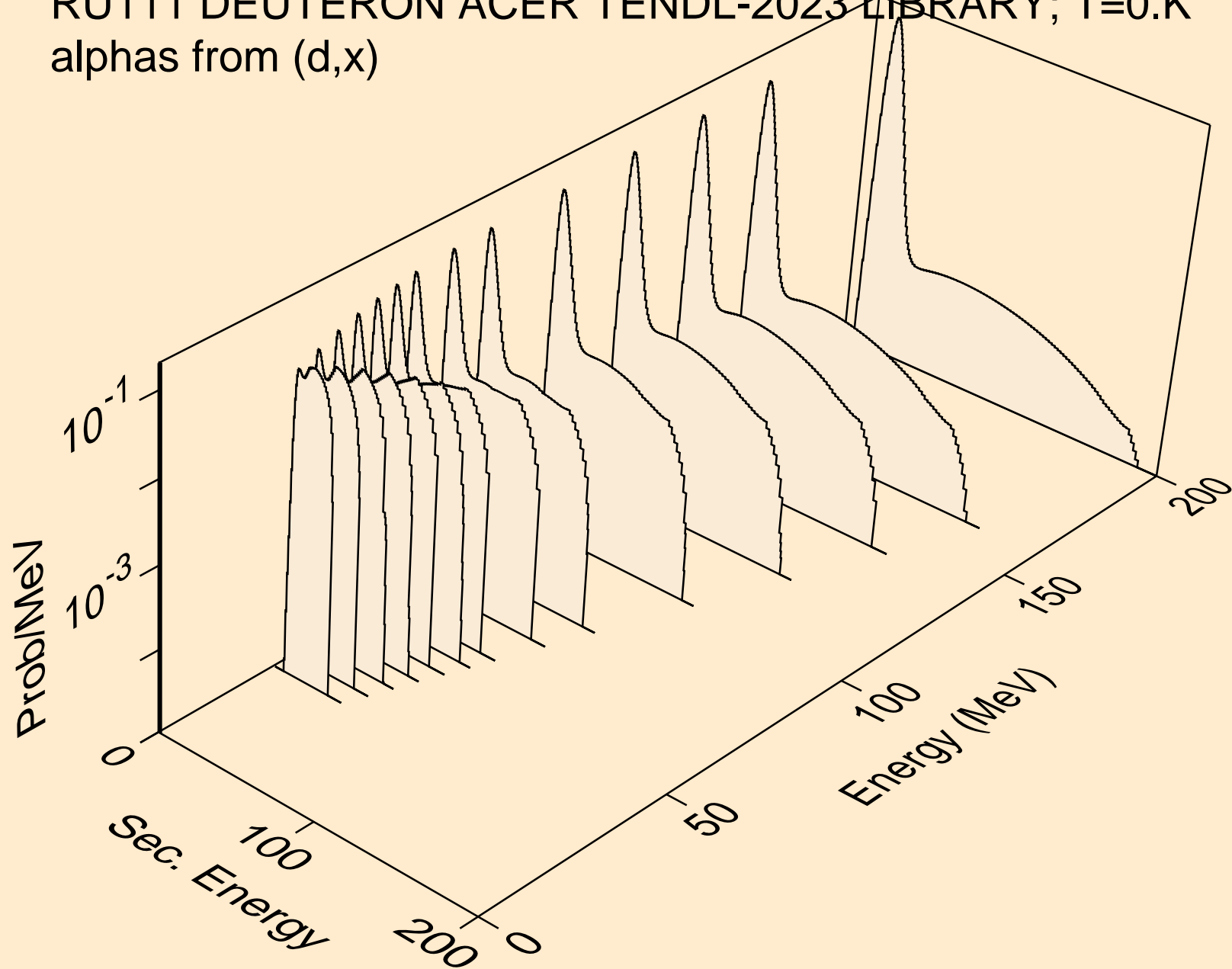
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he3s from (d,n\*)he3



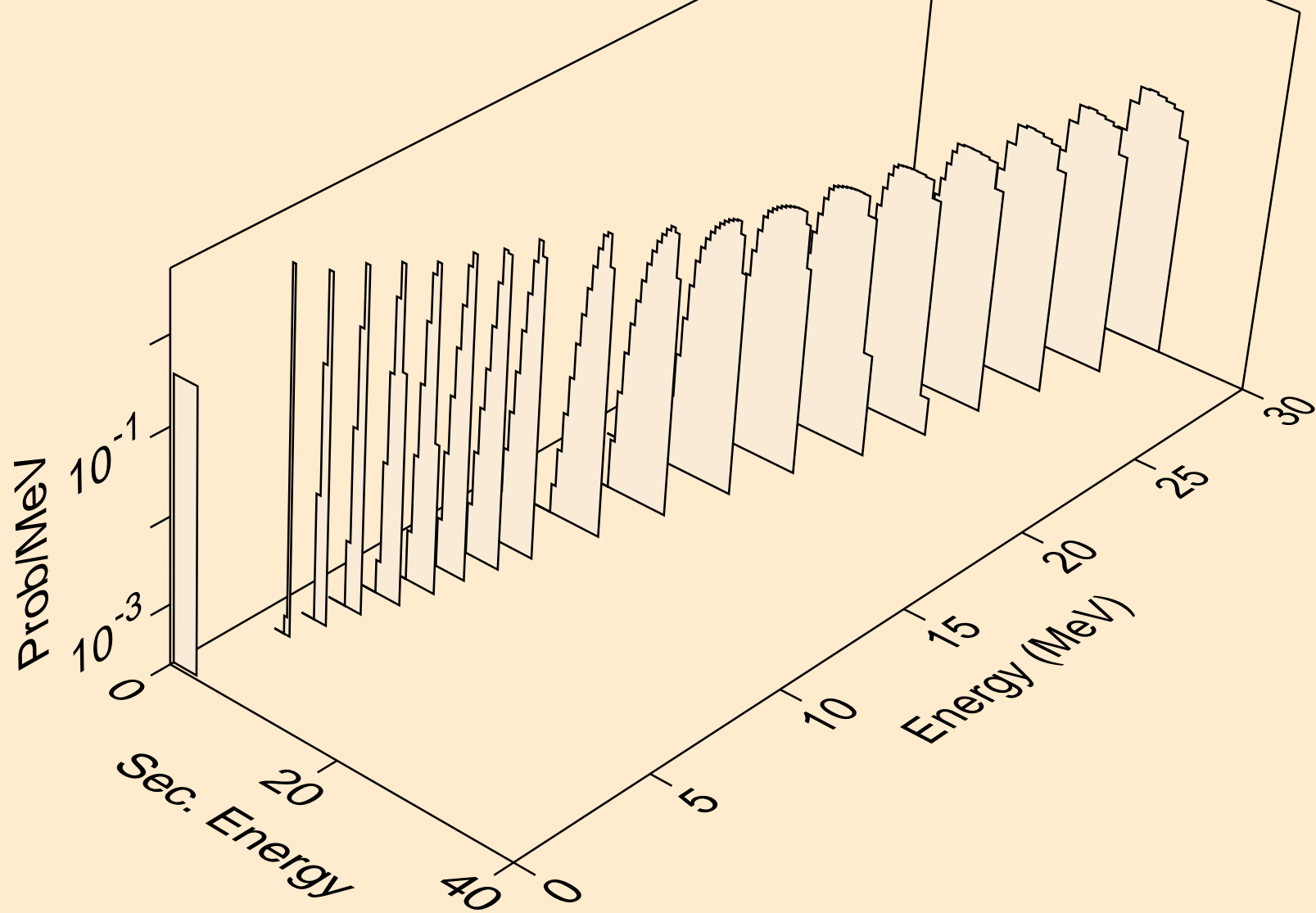
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he3s from (d,he3)



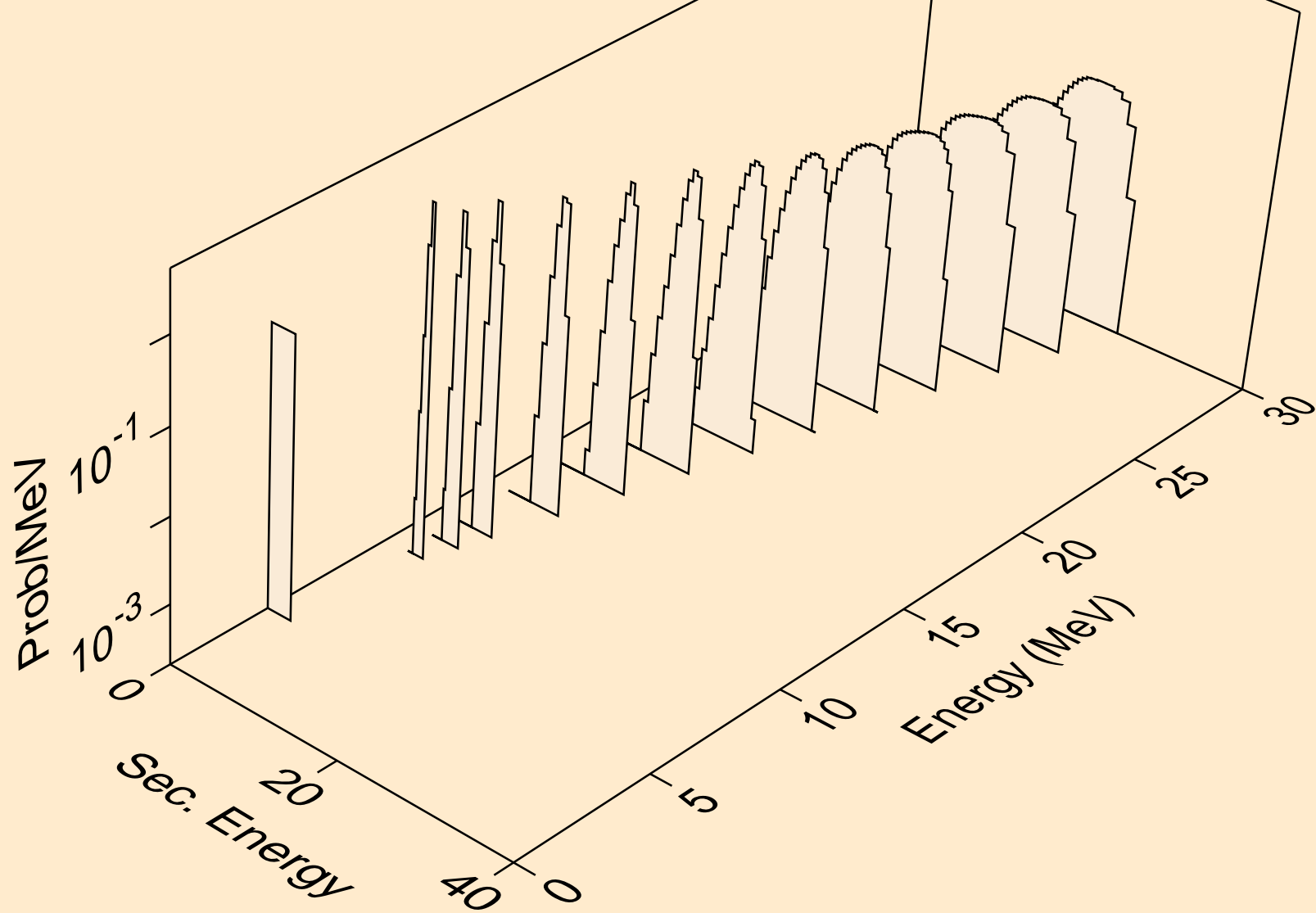
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,x)



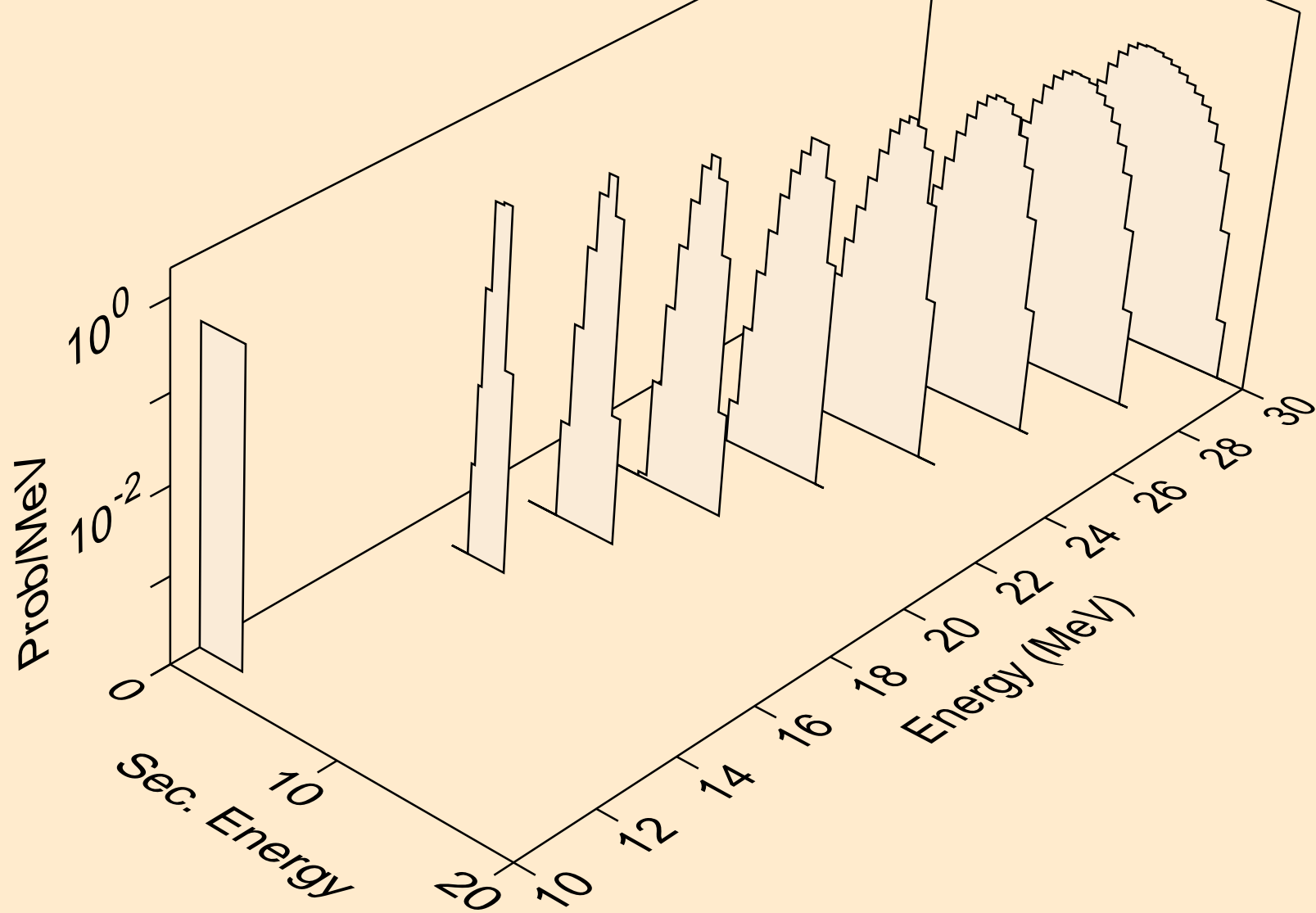
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a



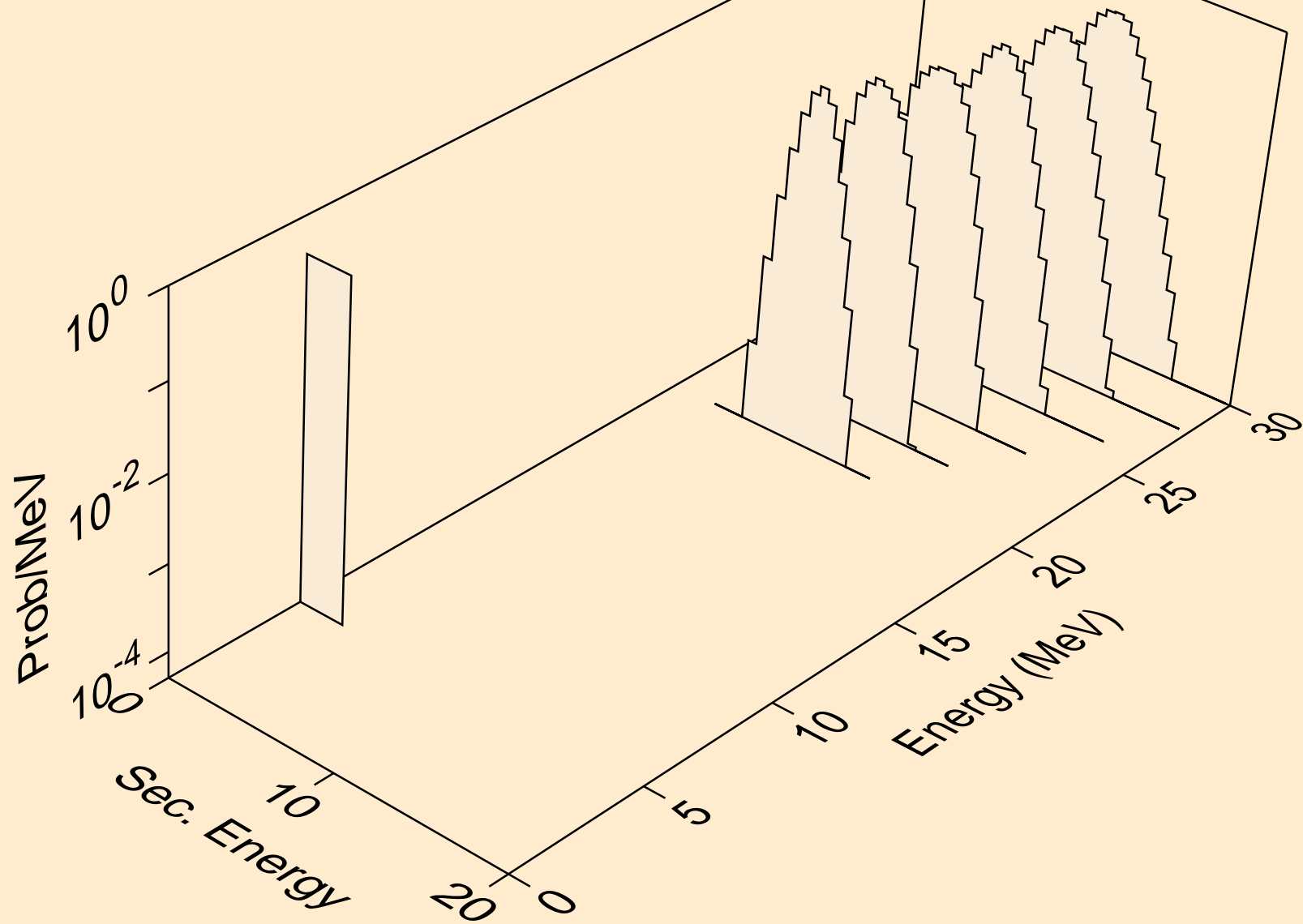
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2n)a



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alphas from (d,3n)a

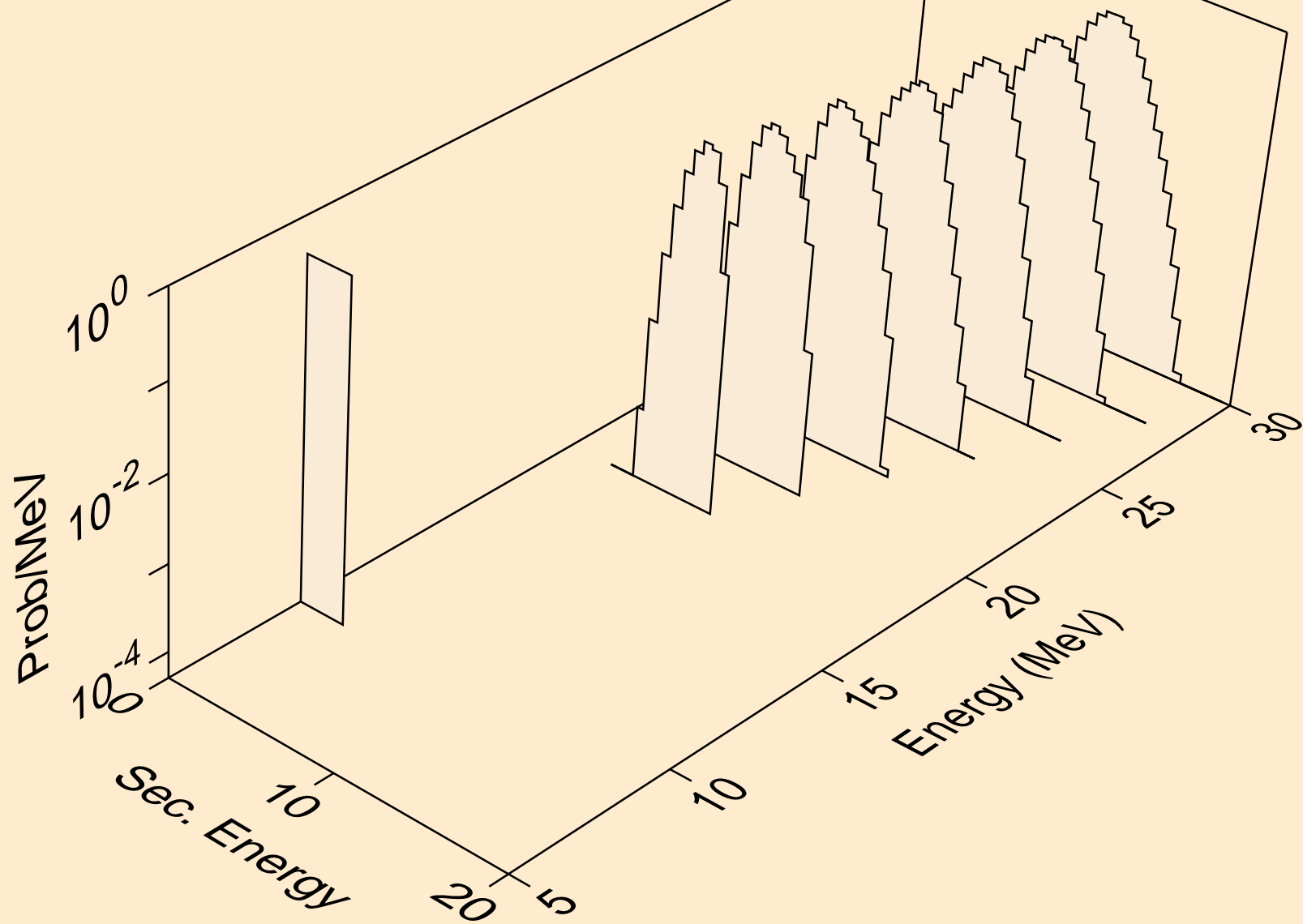


RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)2a

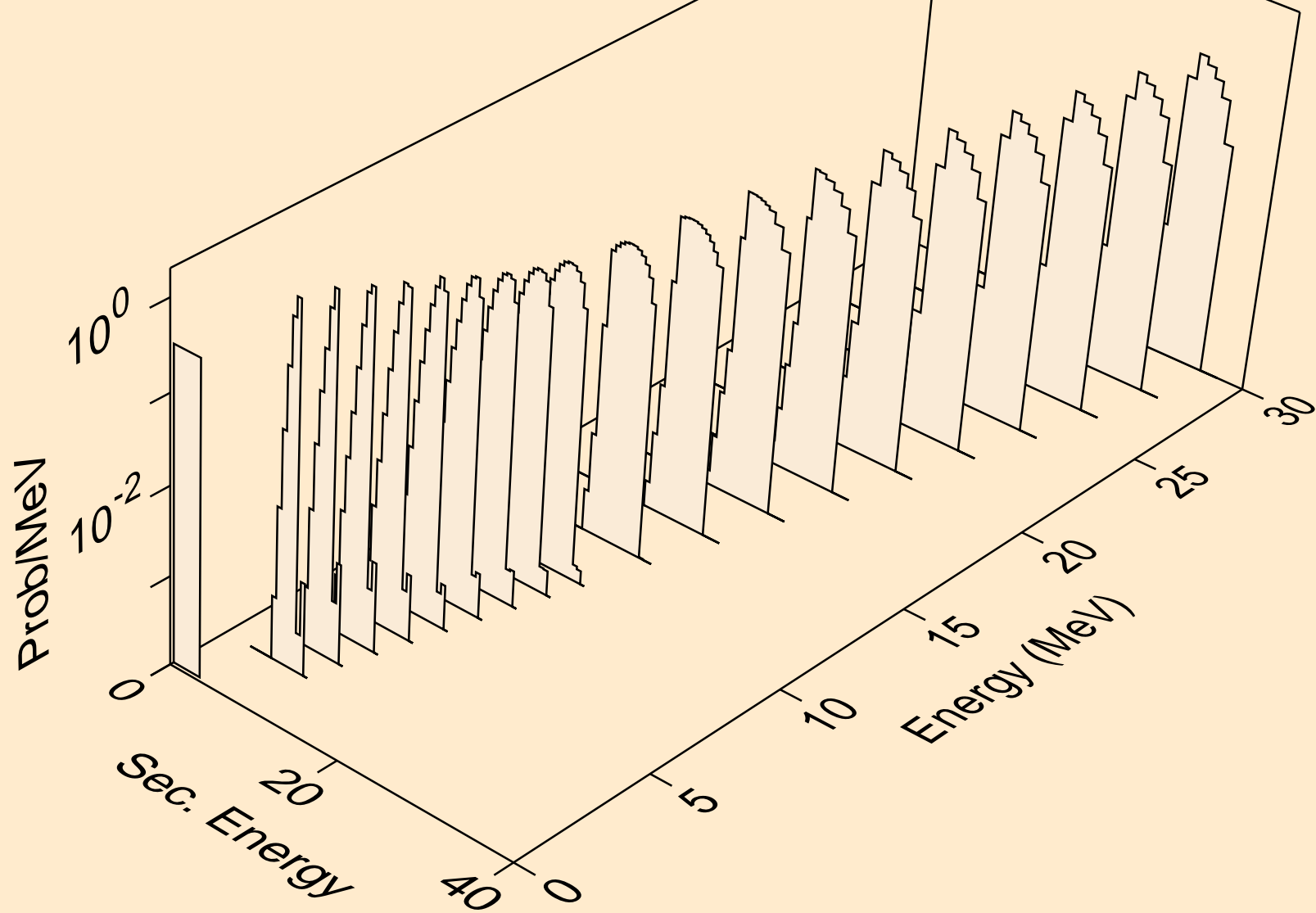




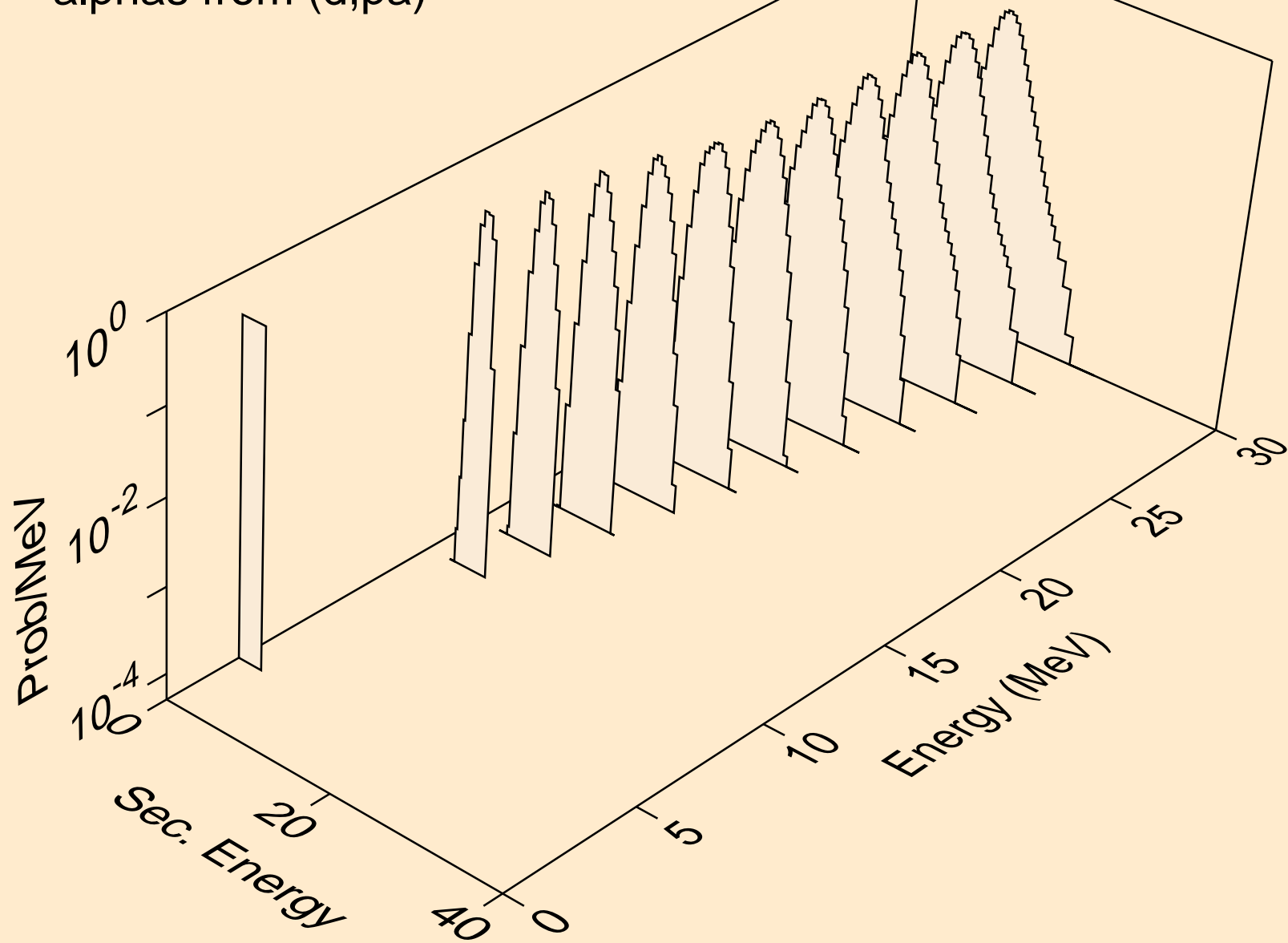
RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,npa)



RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,a)



RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)



RU111 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

