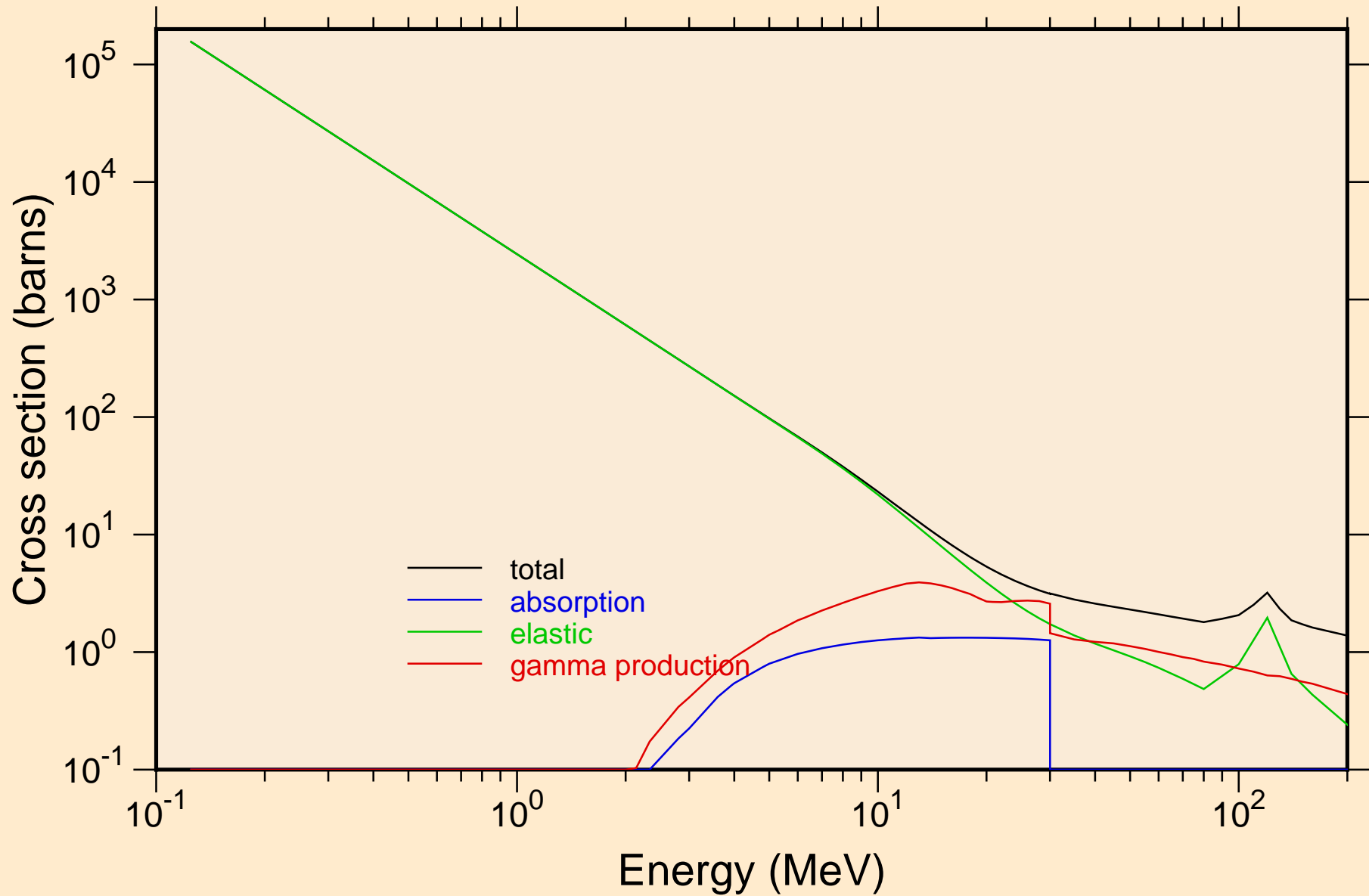


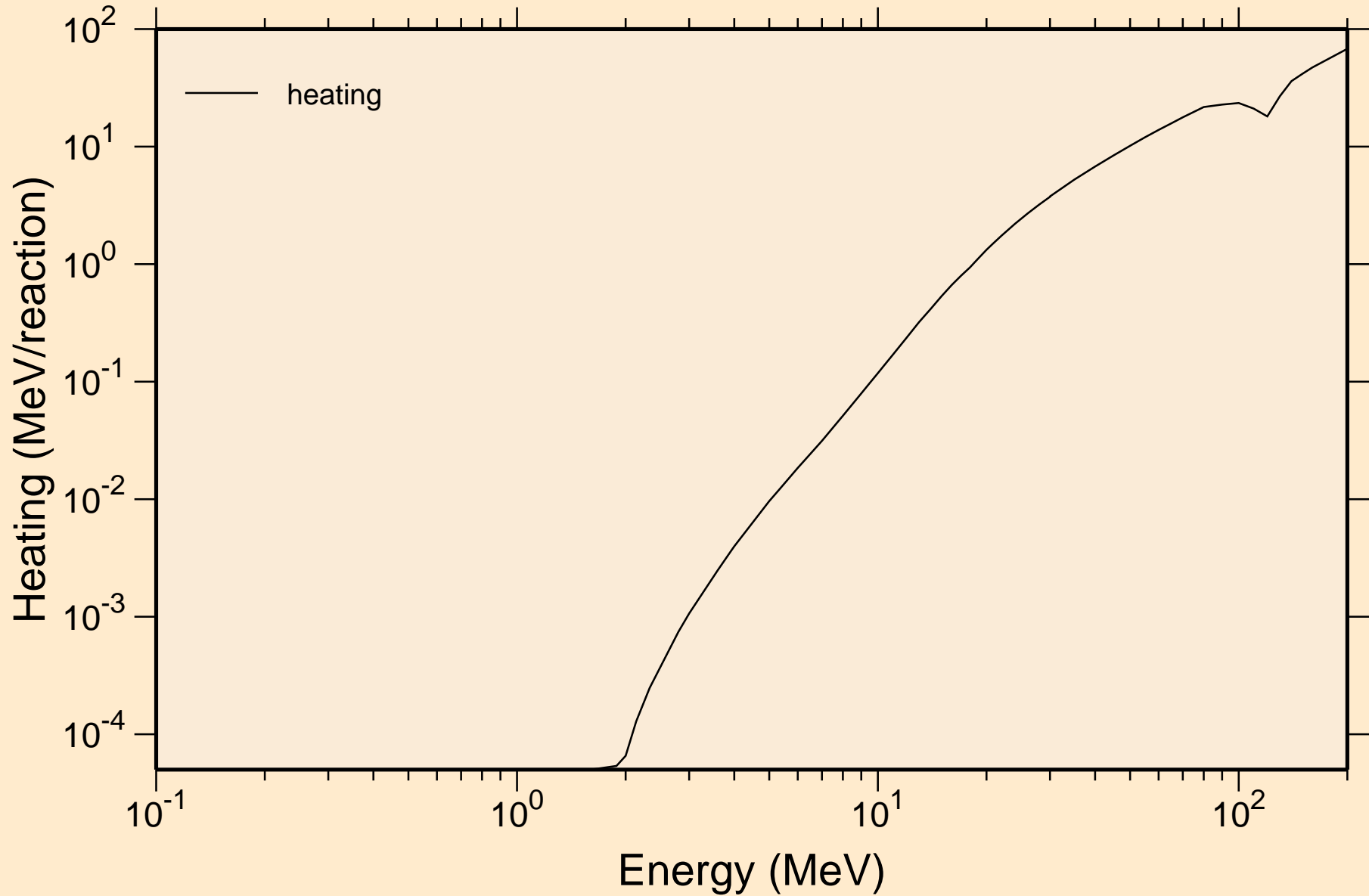
# K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



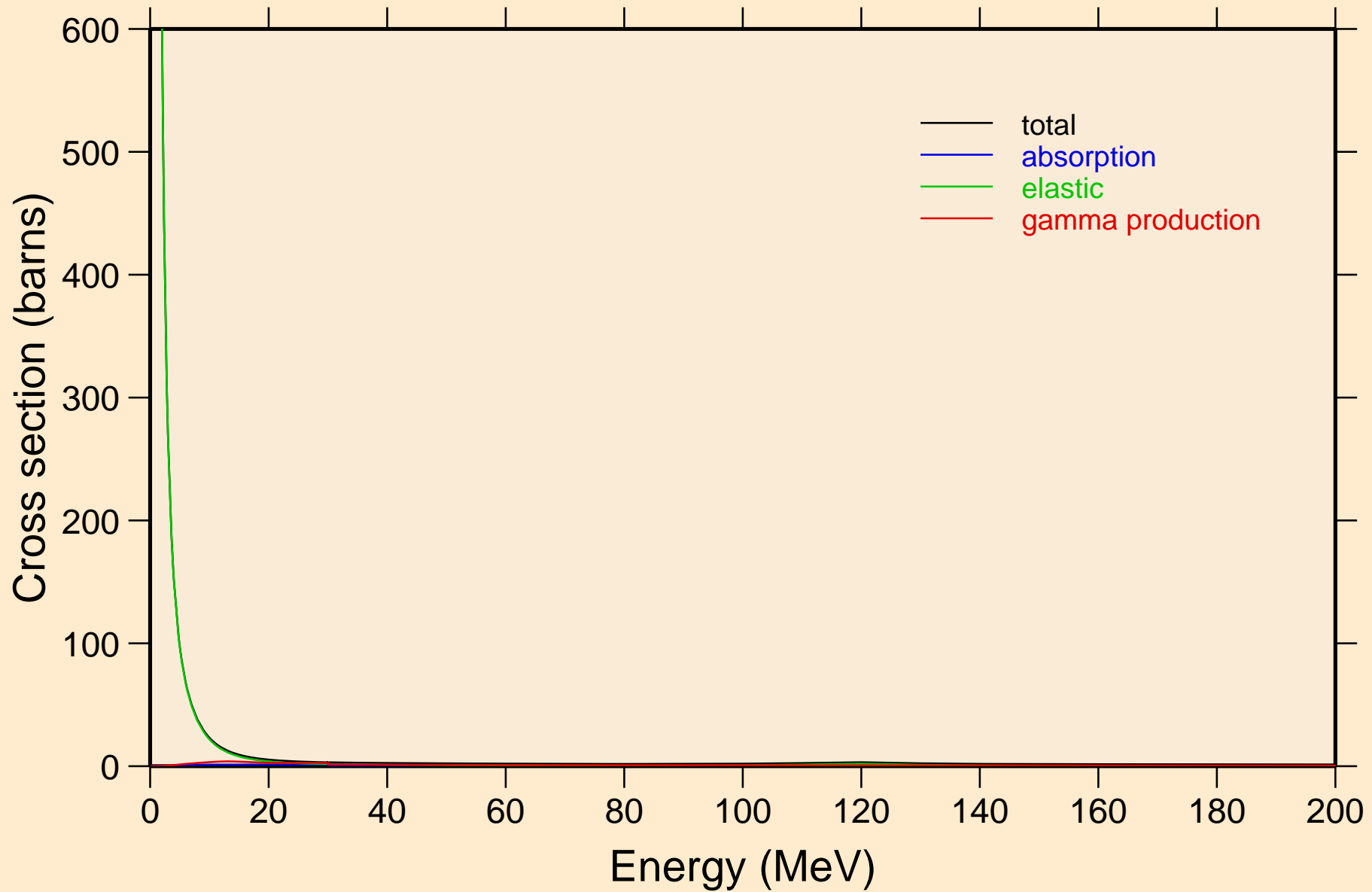
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## Heating



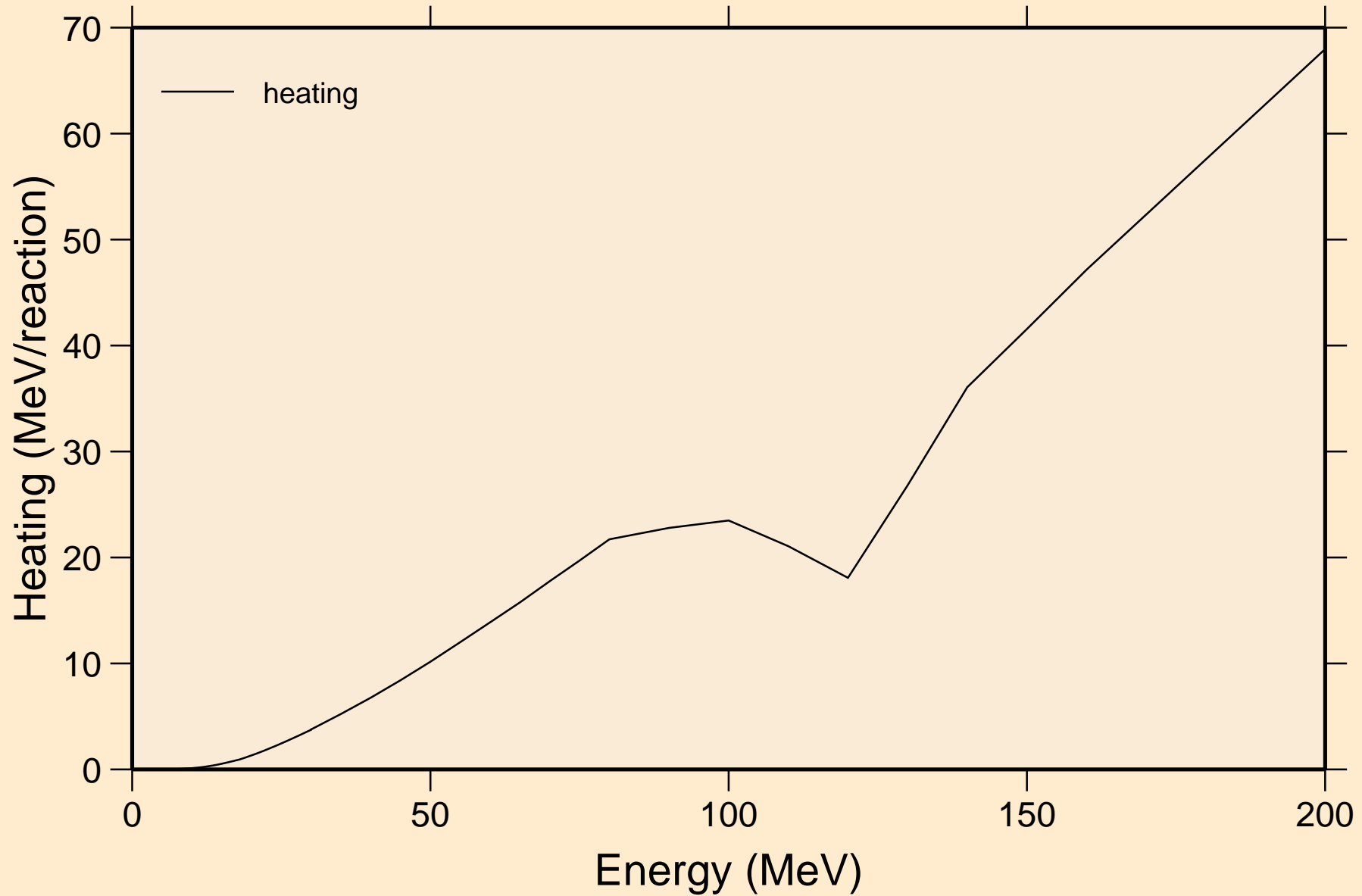
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## Principal cross sections



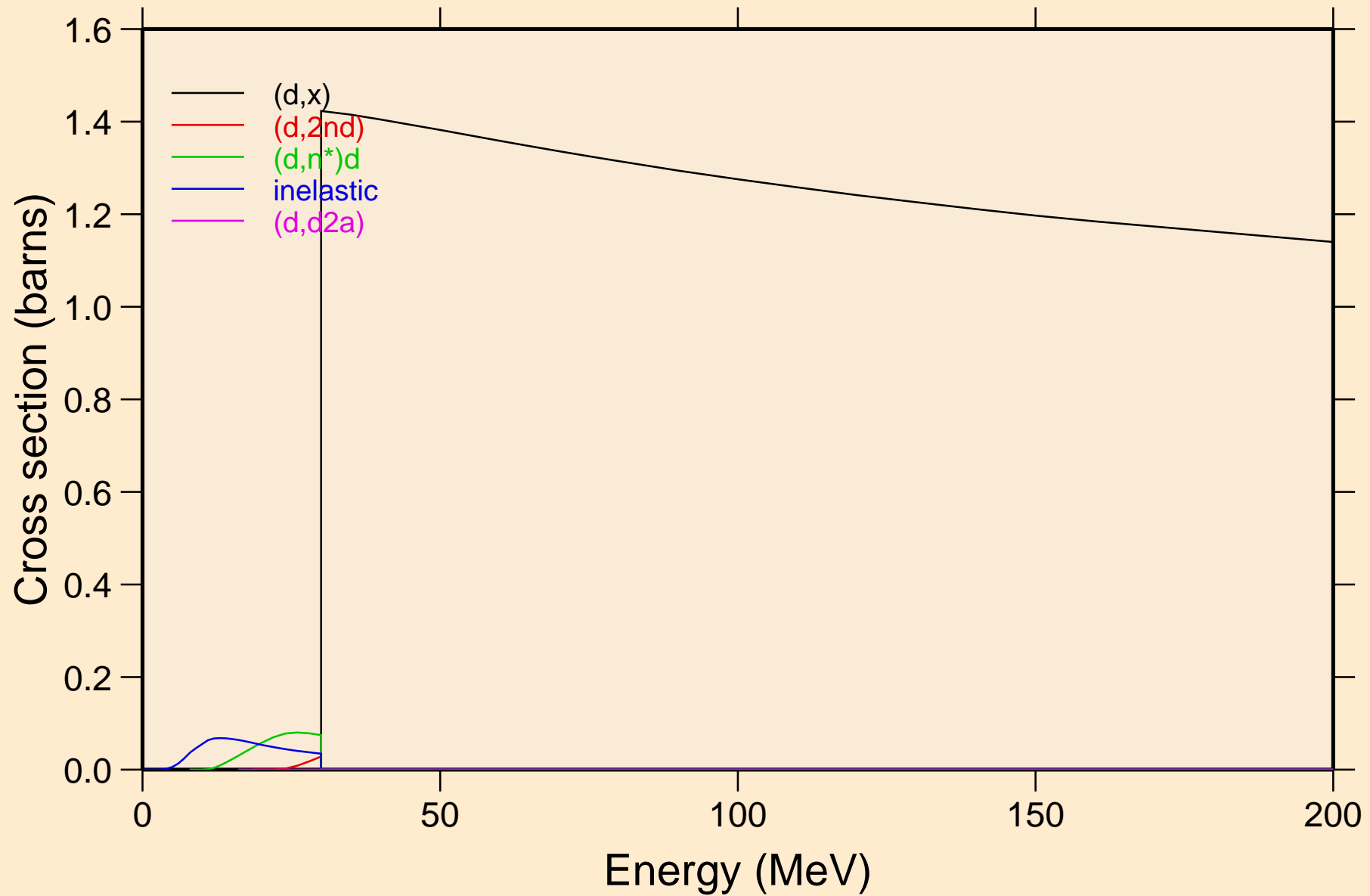
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## Heating



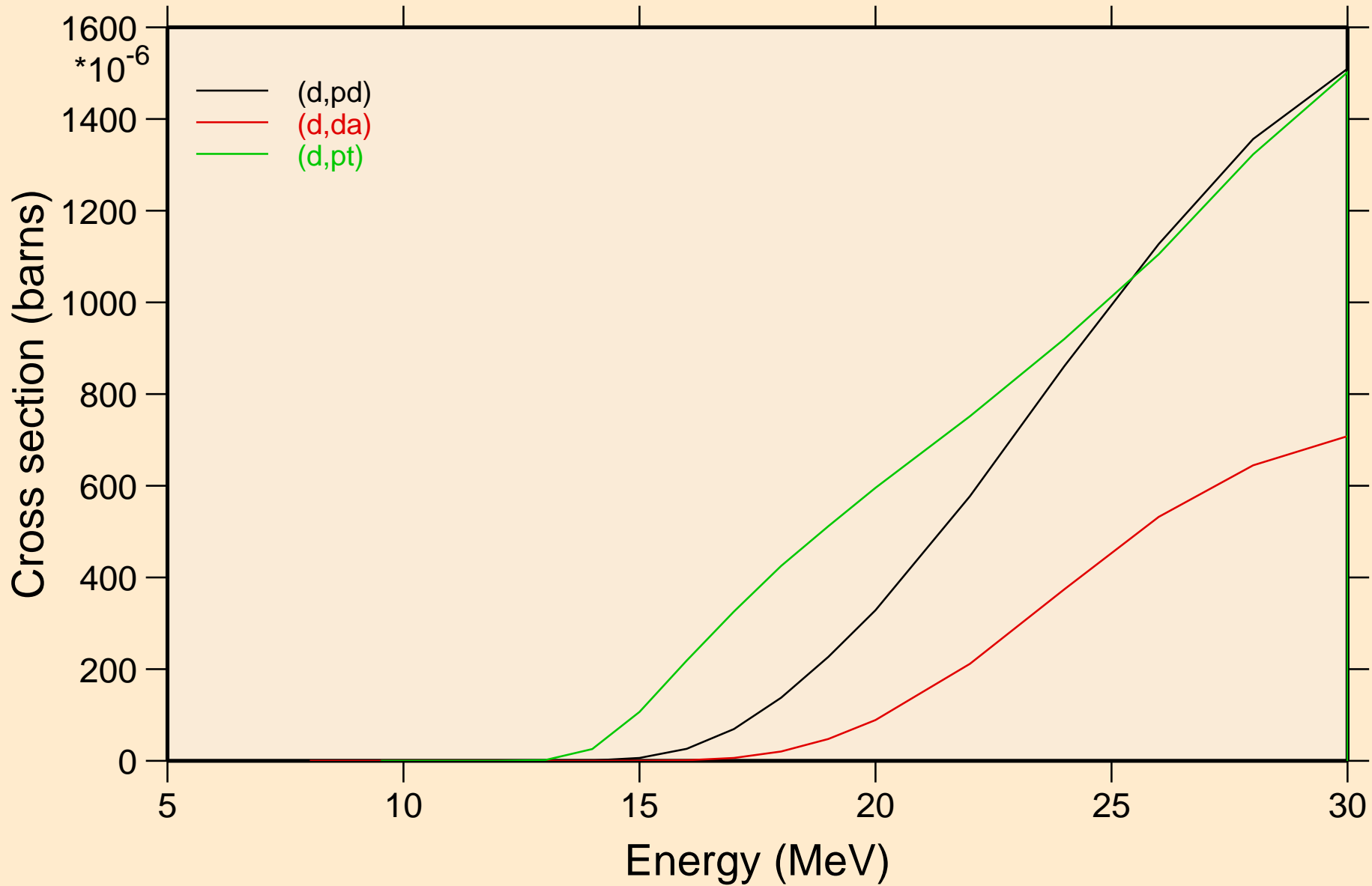
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## Threshold reactions

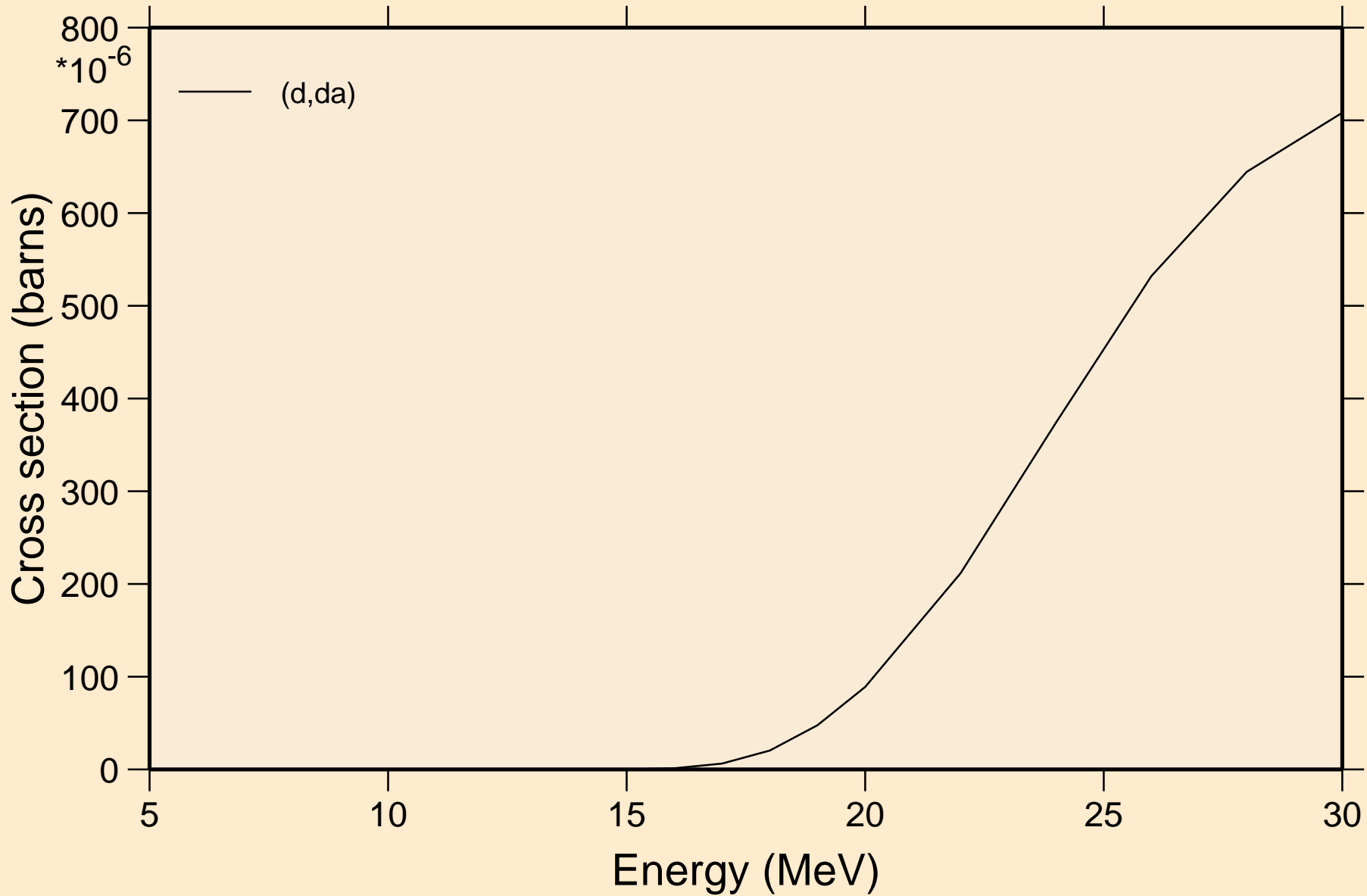


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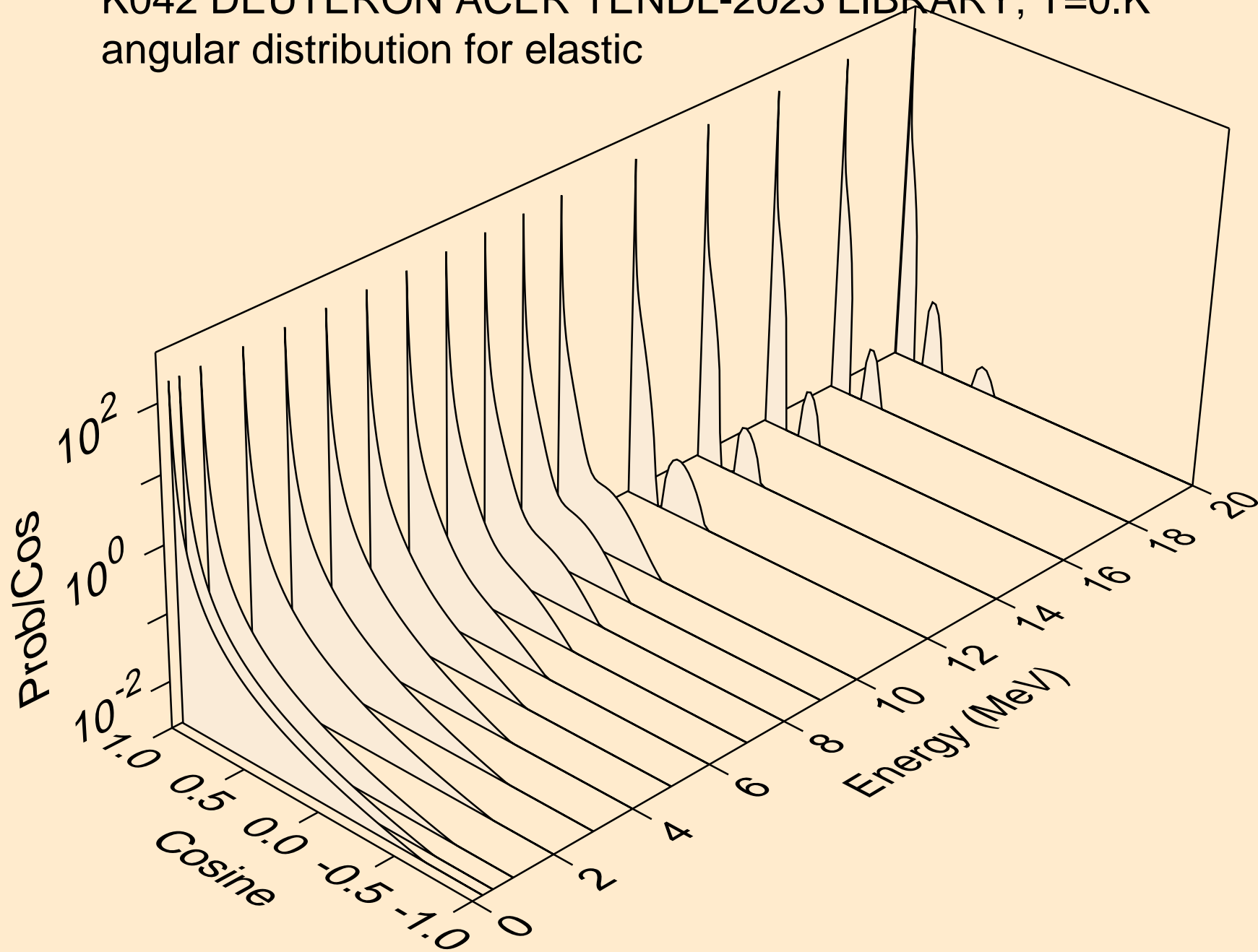
## Threshold reactions



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

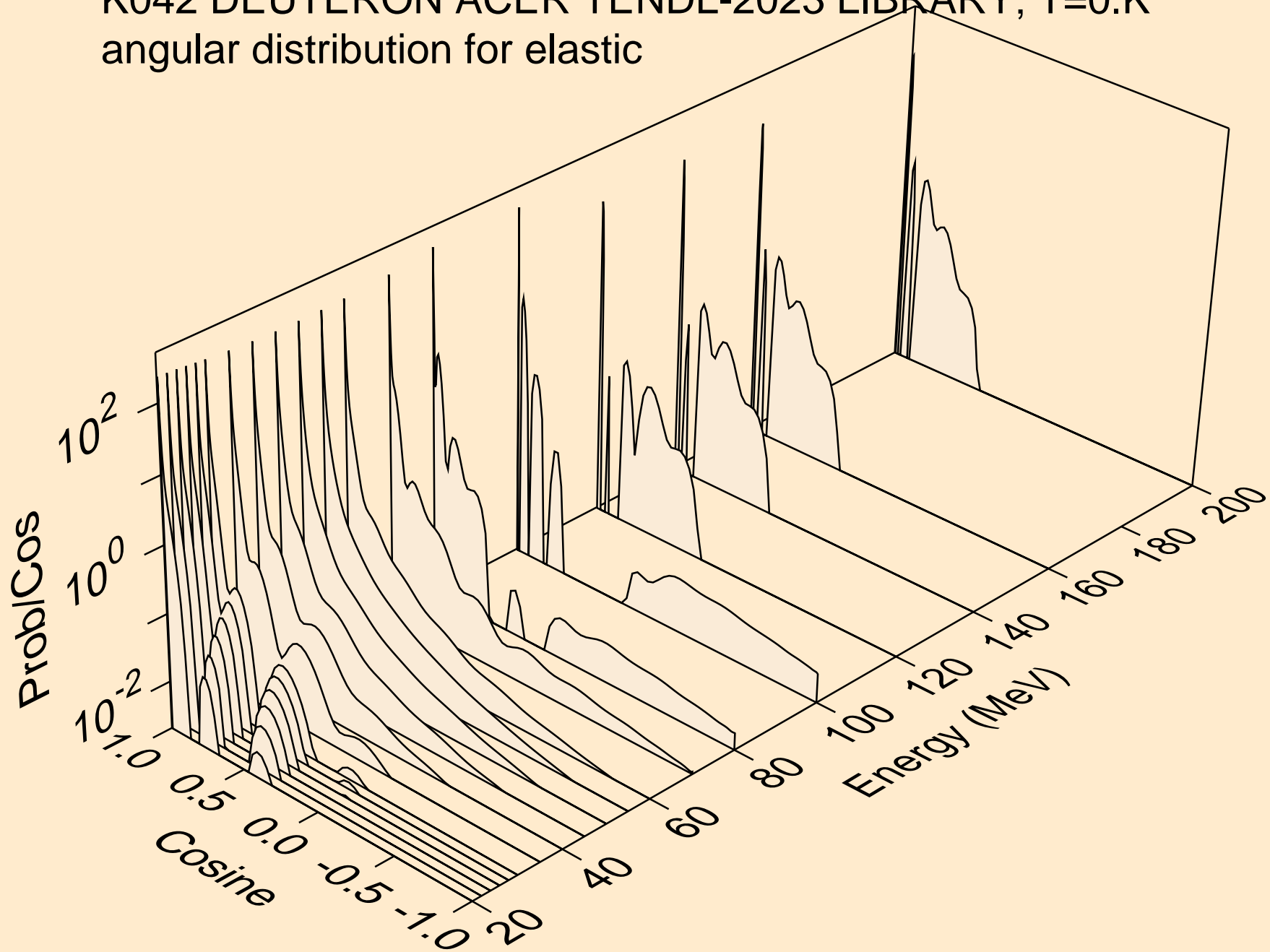


K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

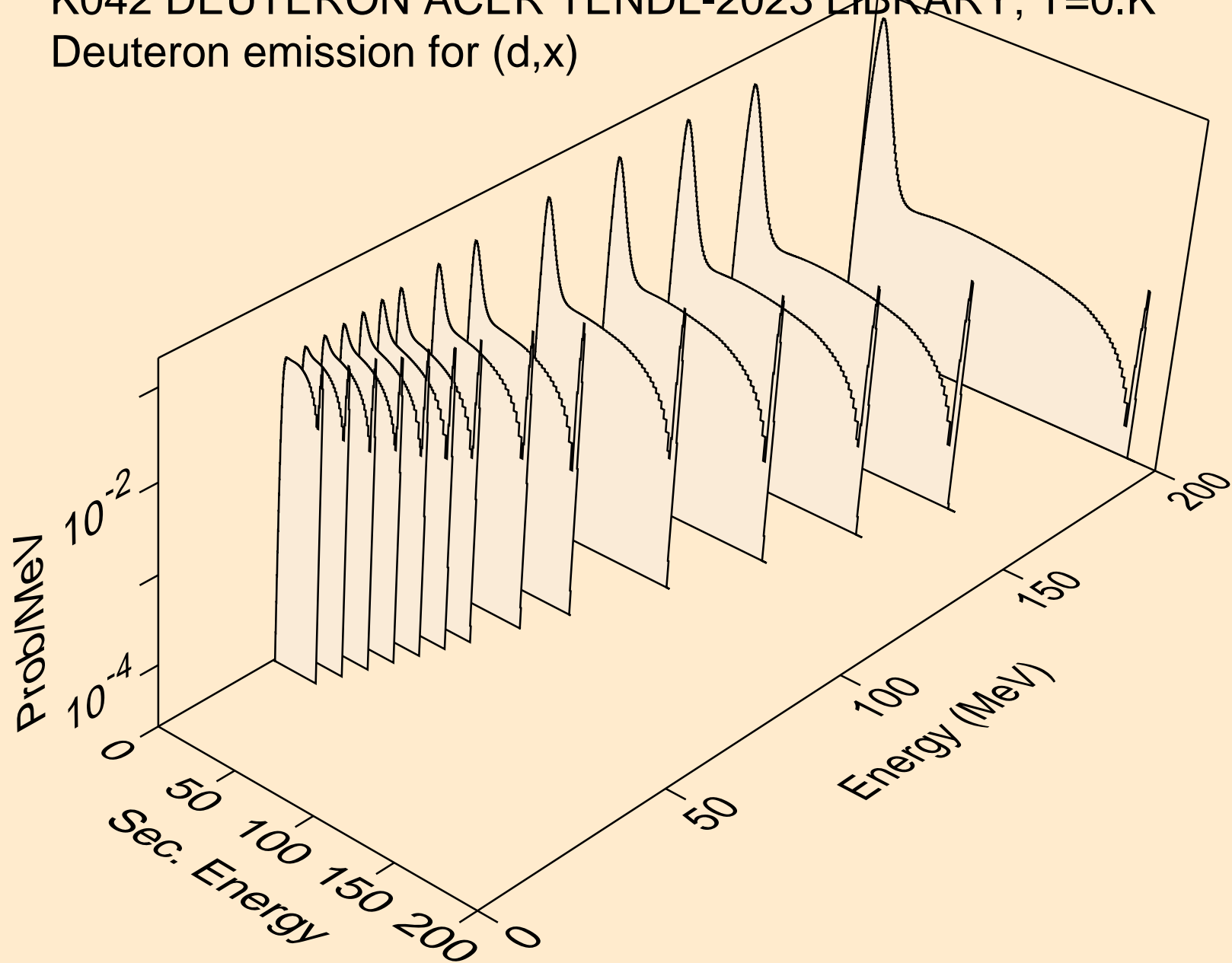




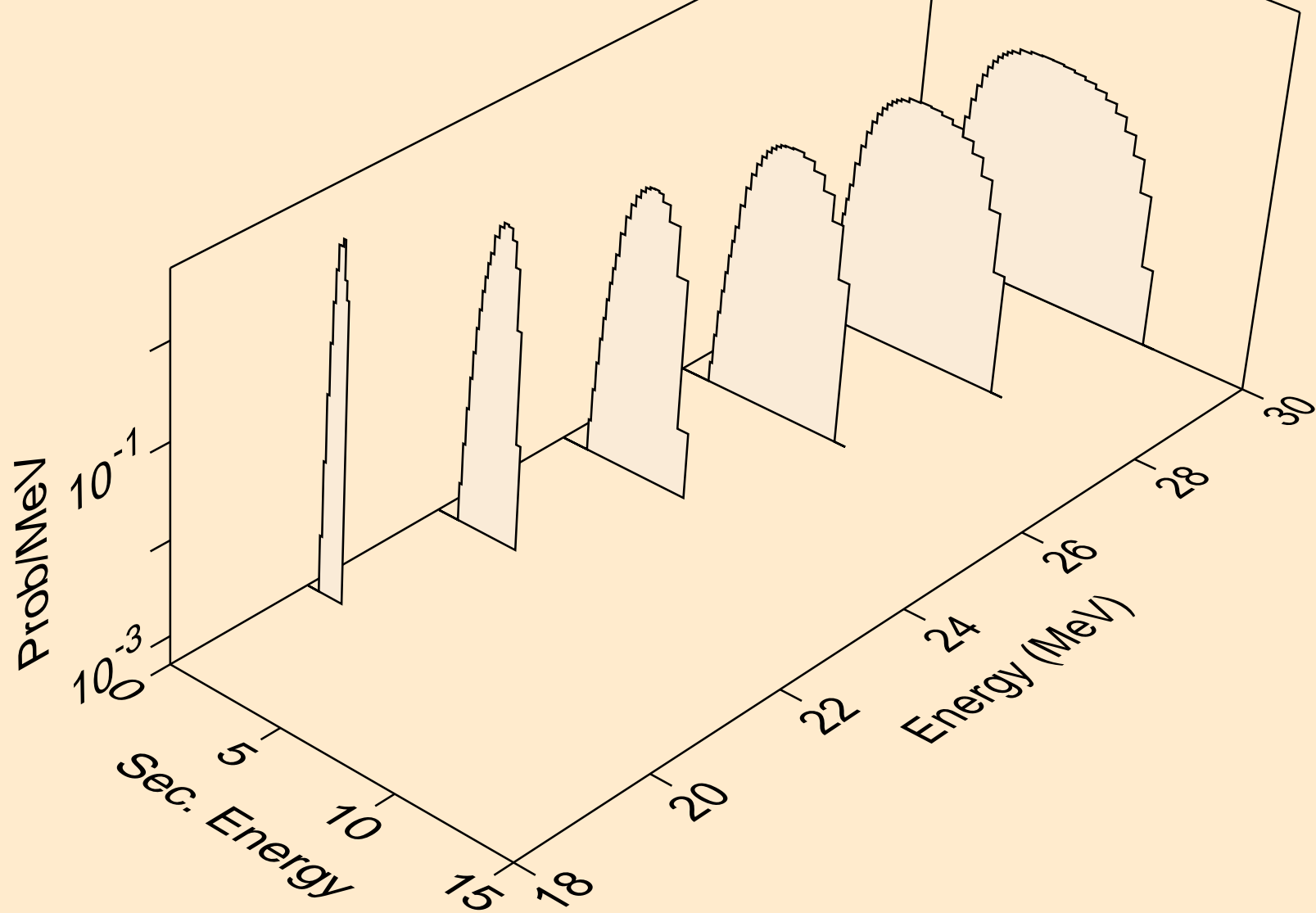
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



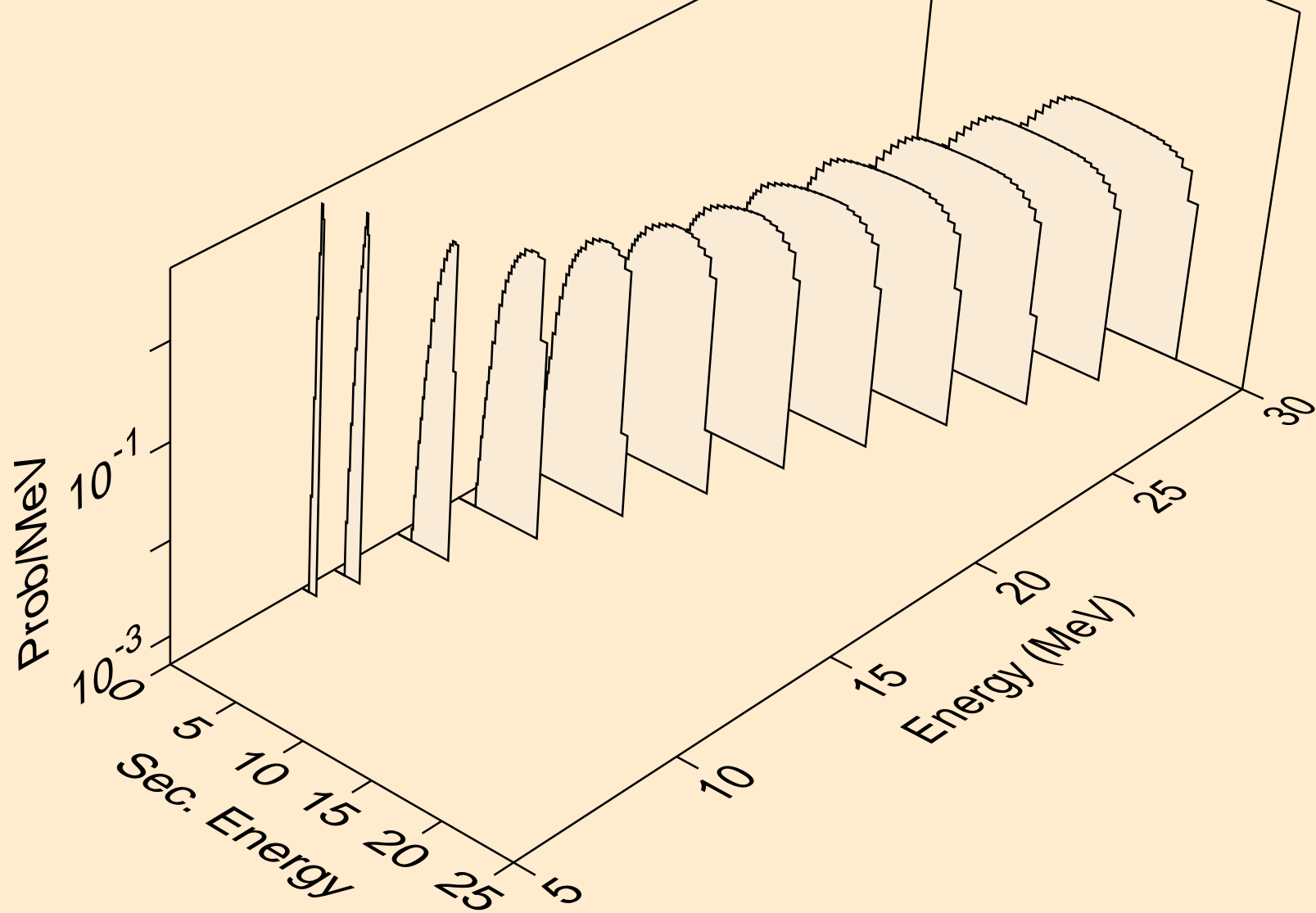
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Deuteron emission for (d,x)



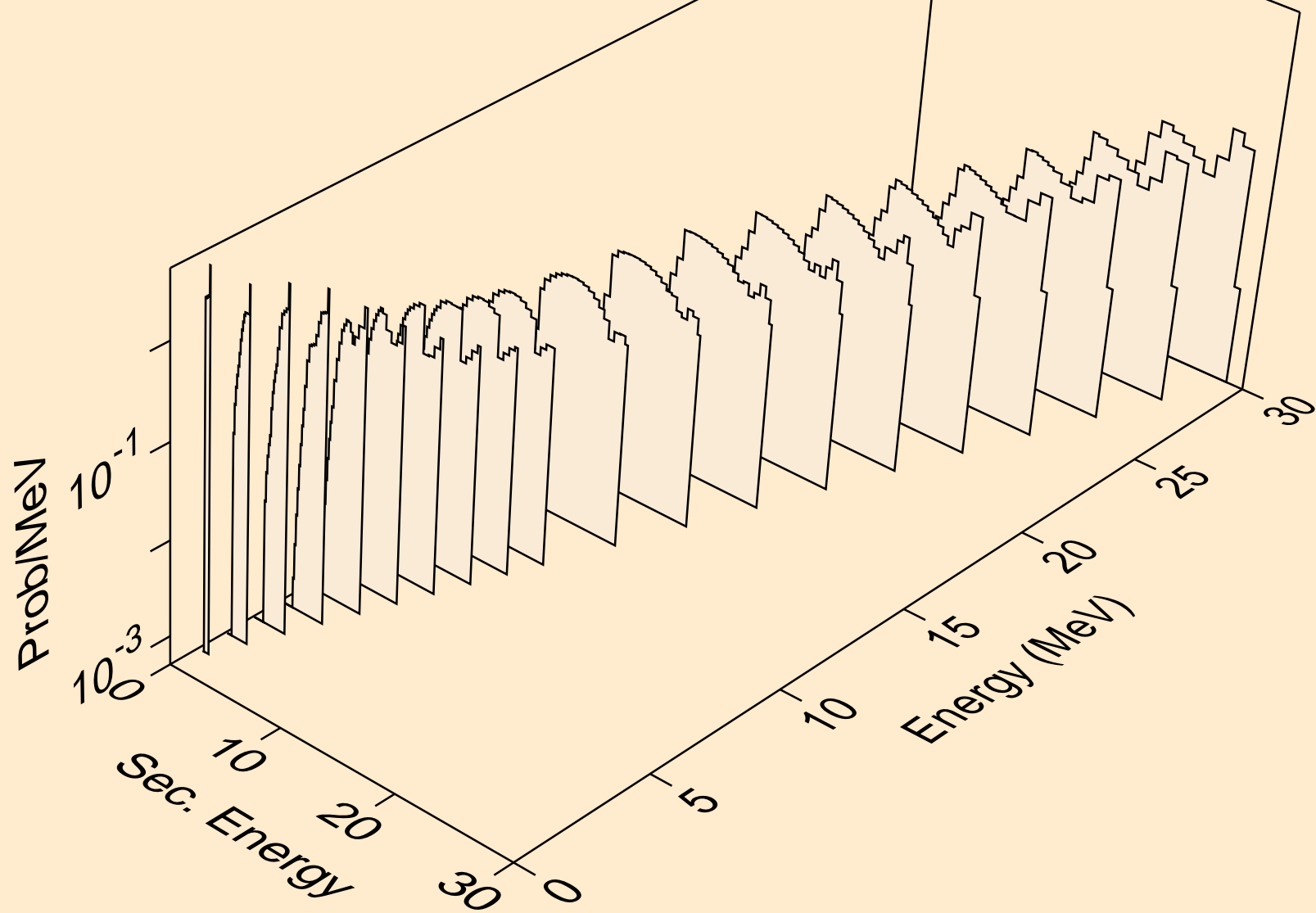
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Deuteron emission for (d,2nd)



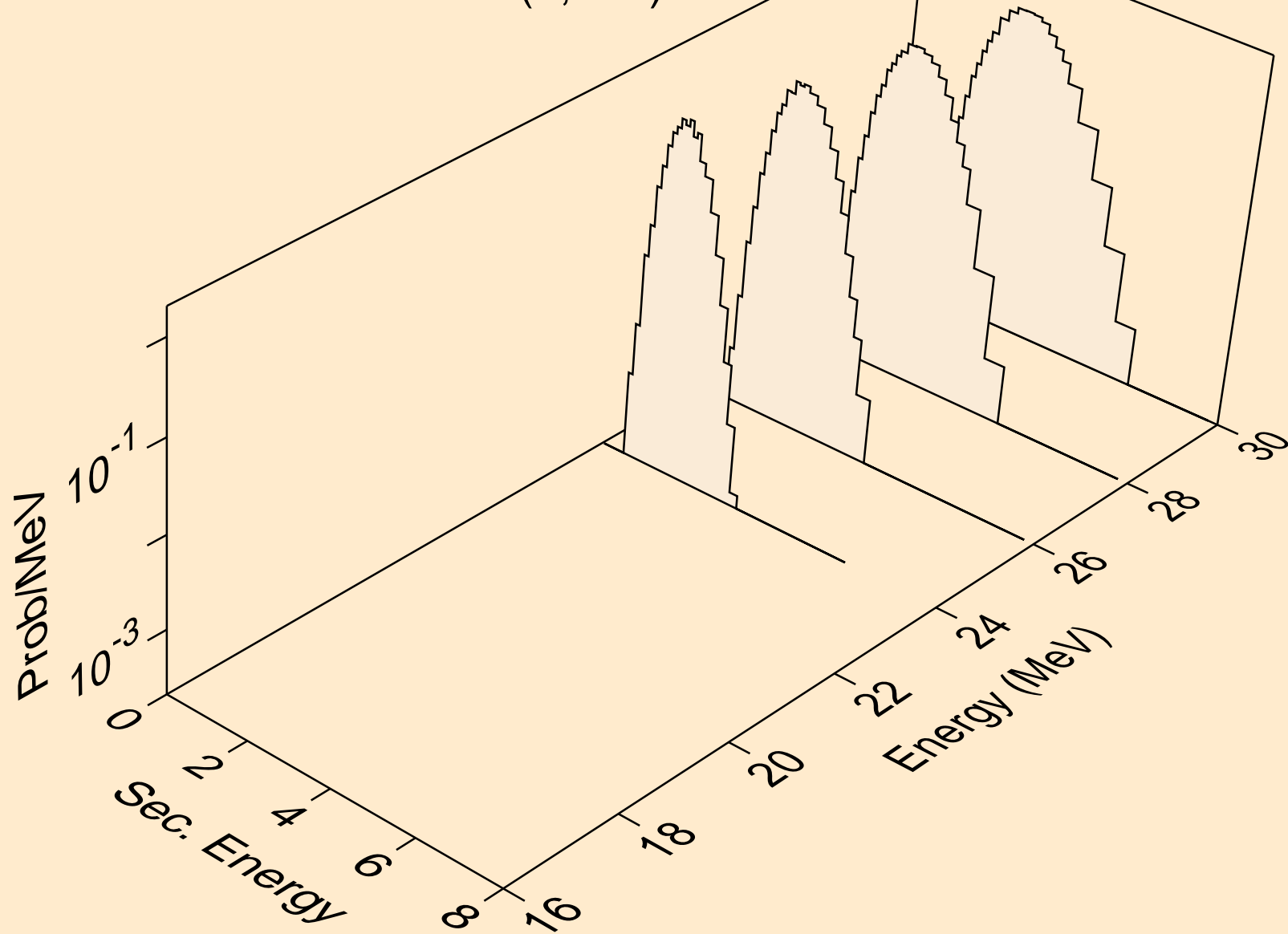
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Deuteron emission for (d,n\*)d



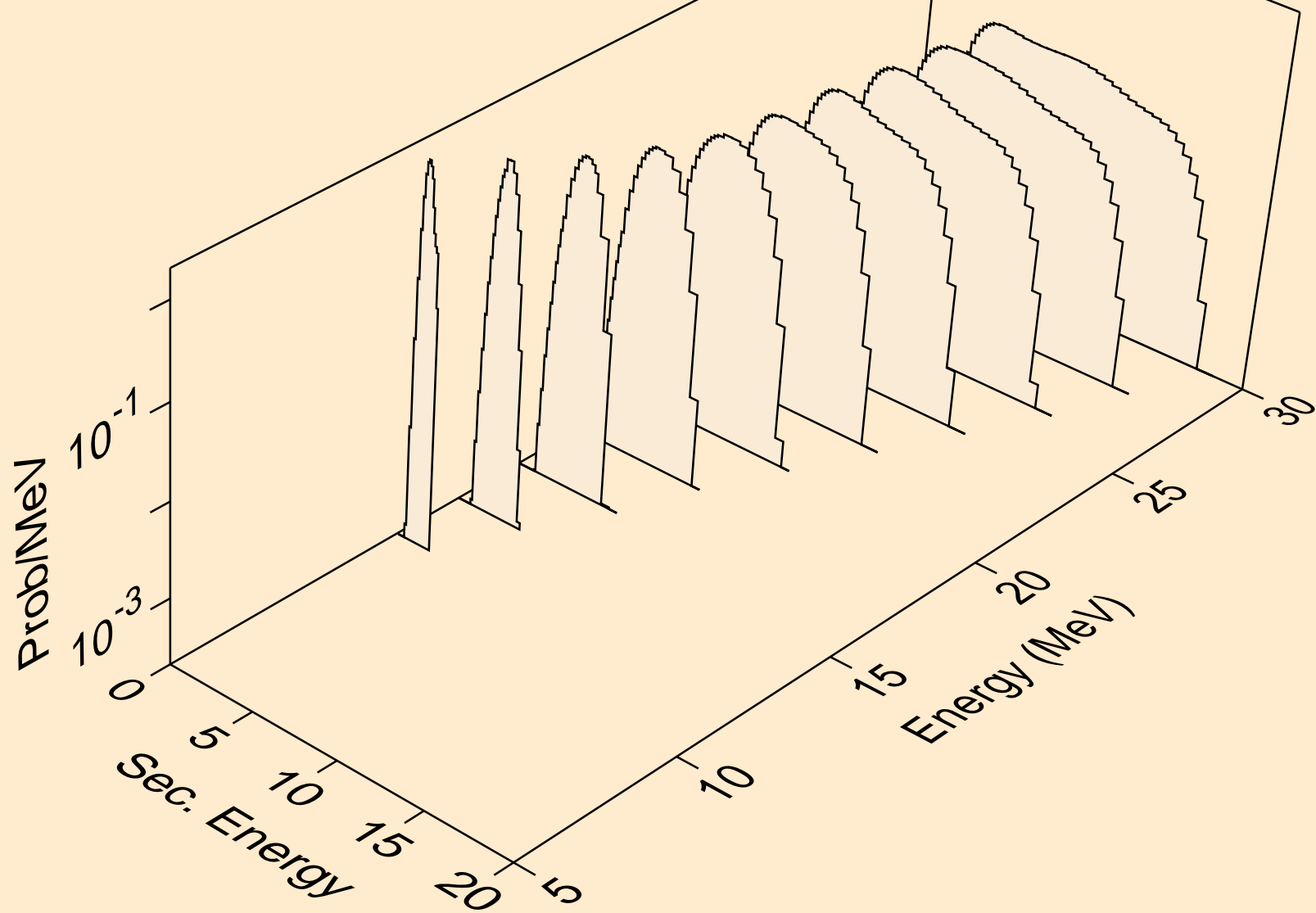
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



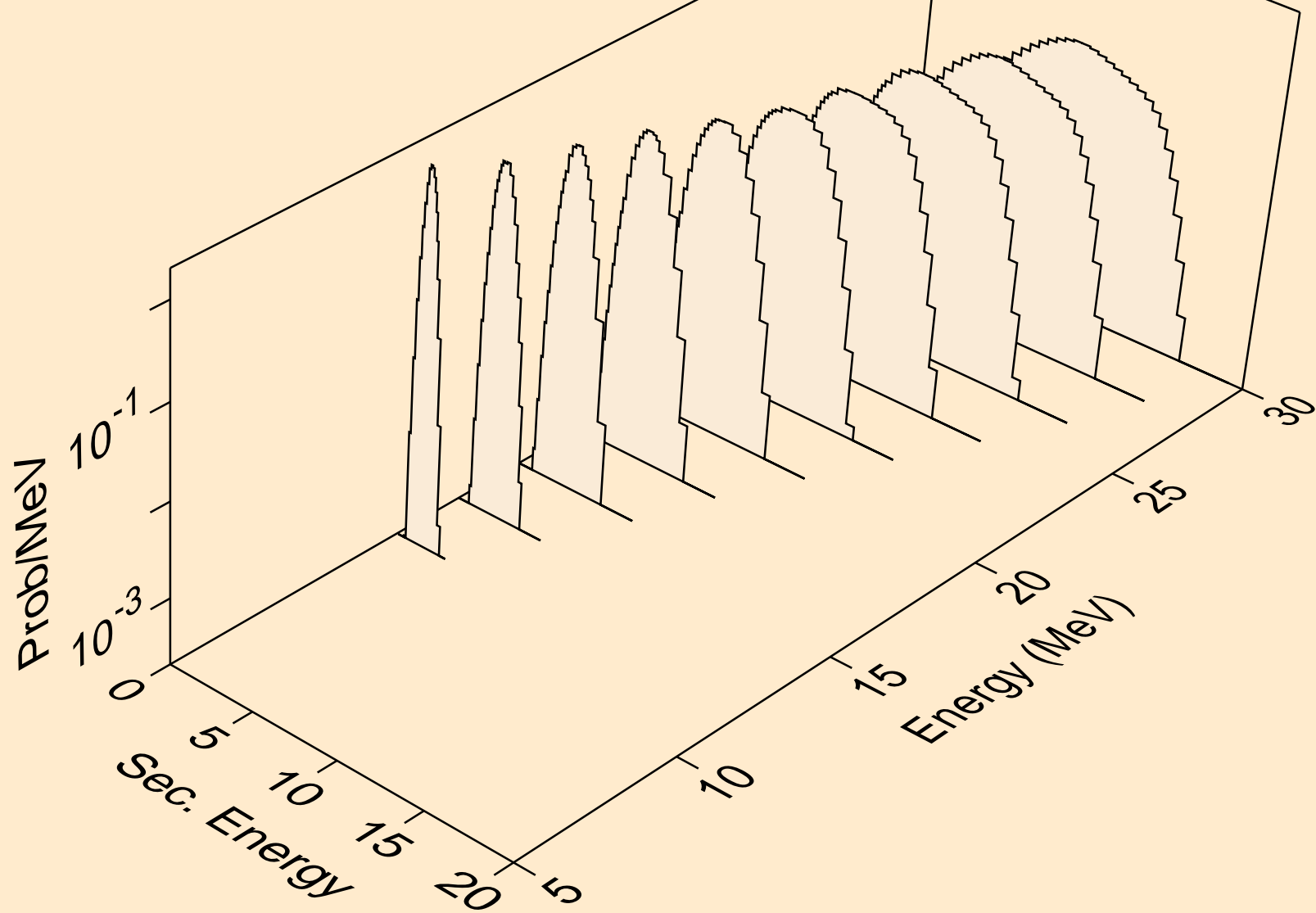
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,d2a)



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)

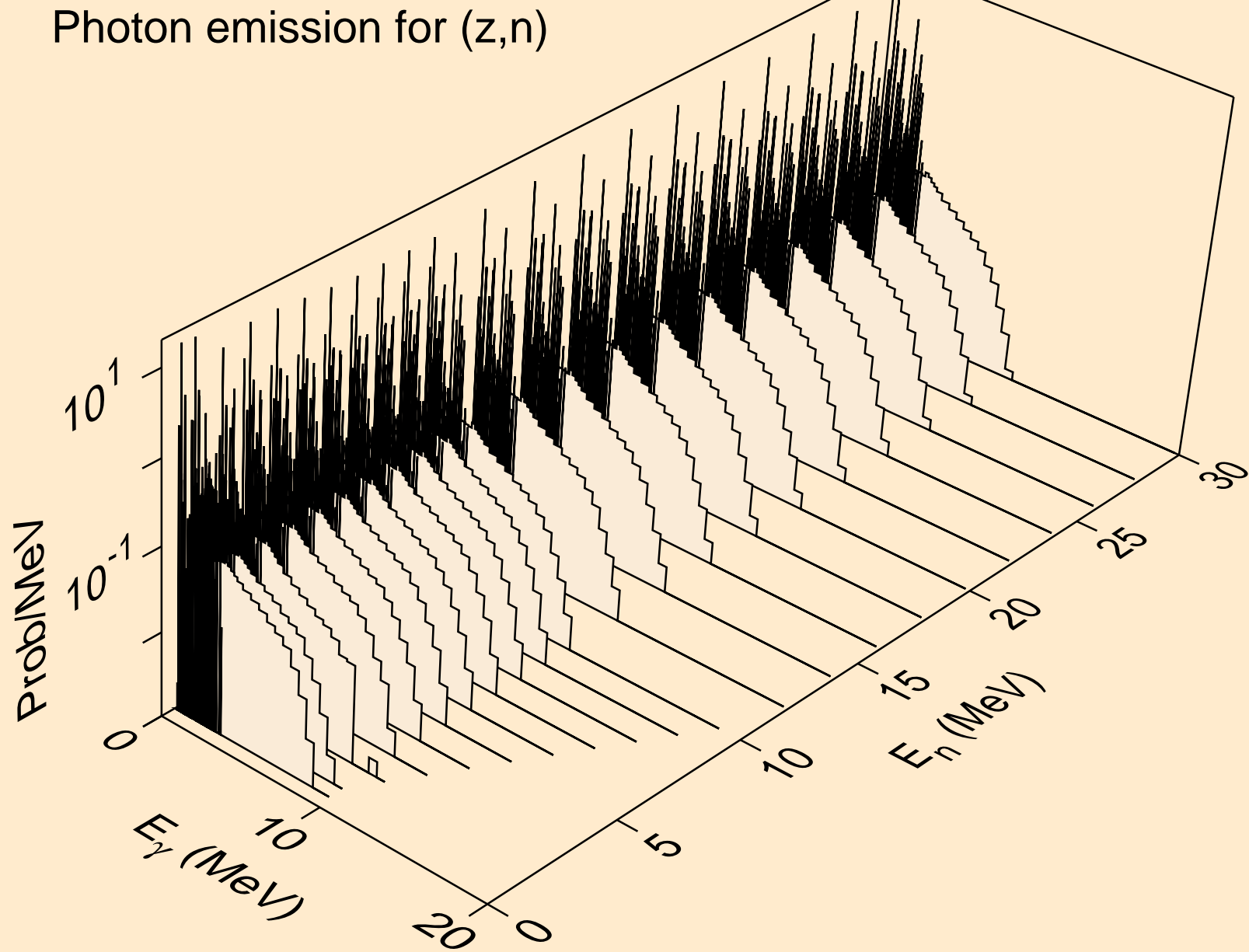


K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,da)

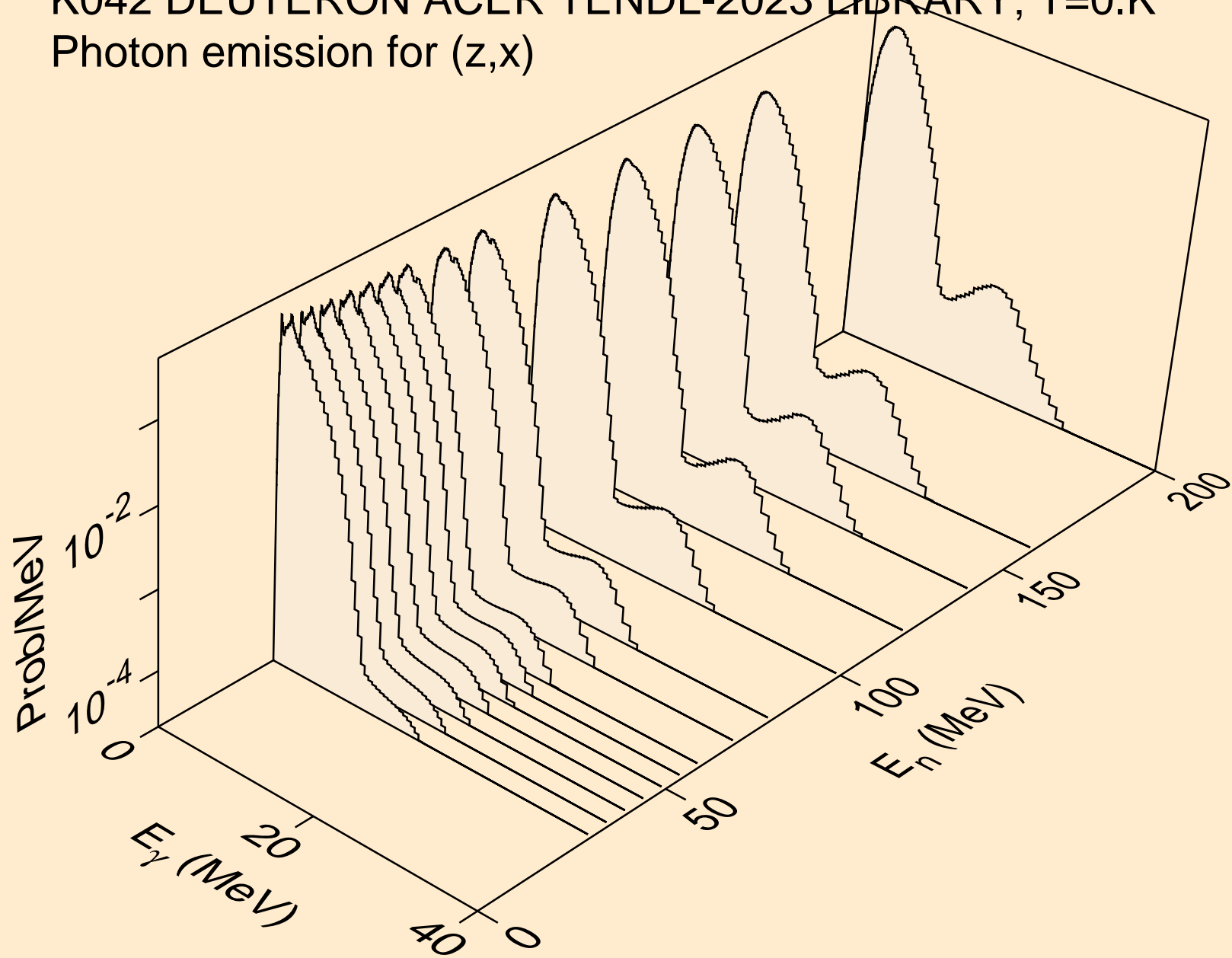




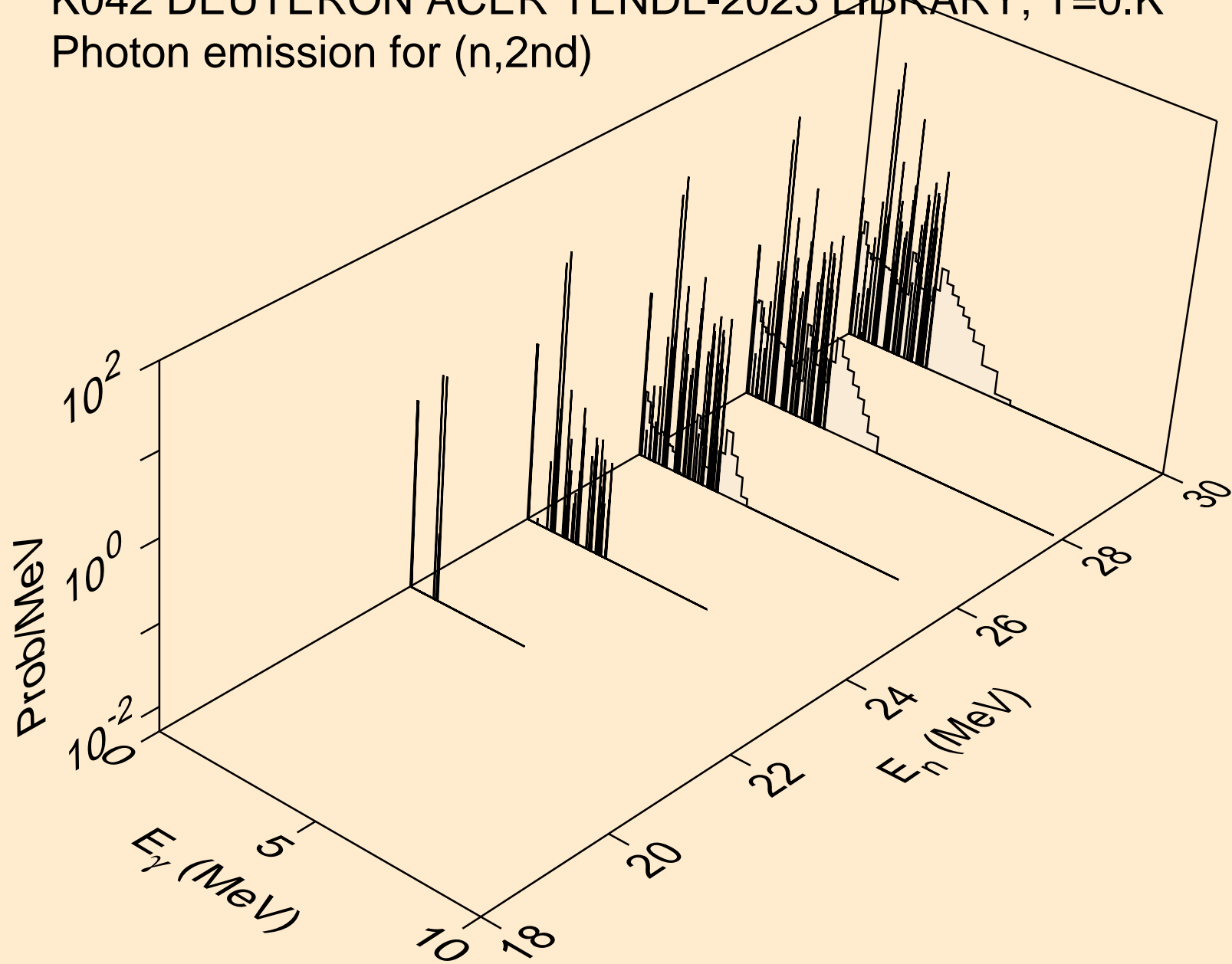
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Photon emission for (z,n)



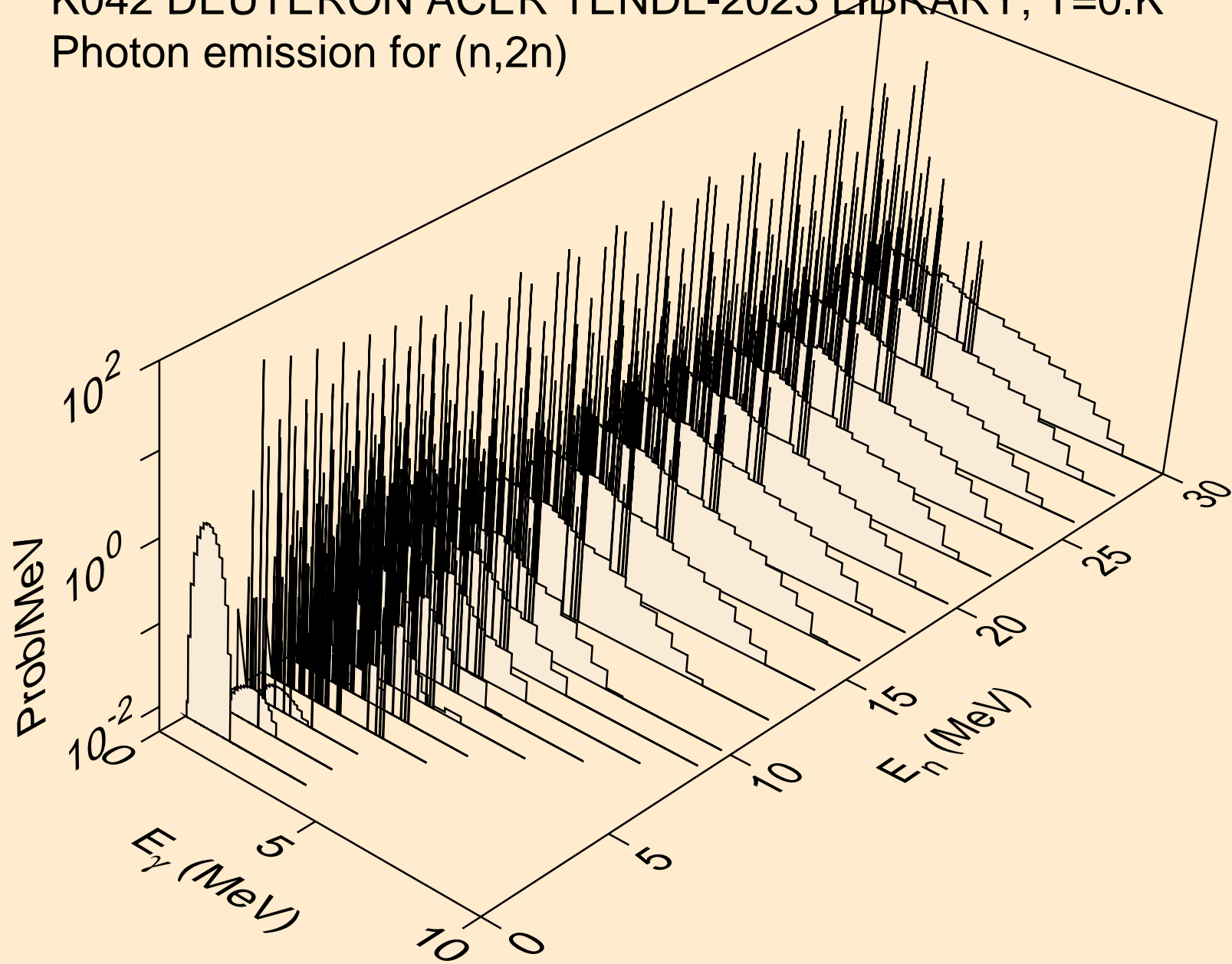
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Photon emission for (z,x)



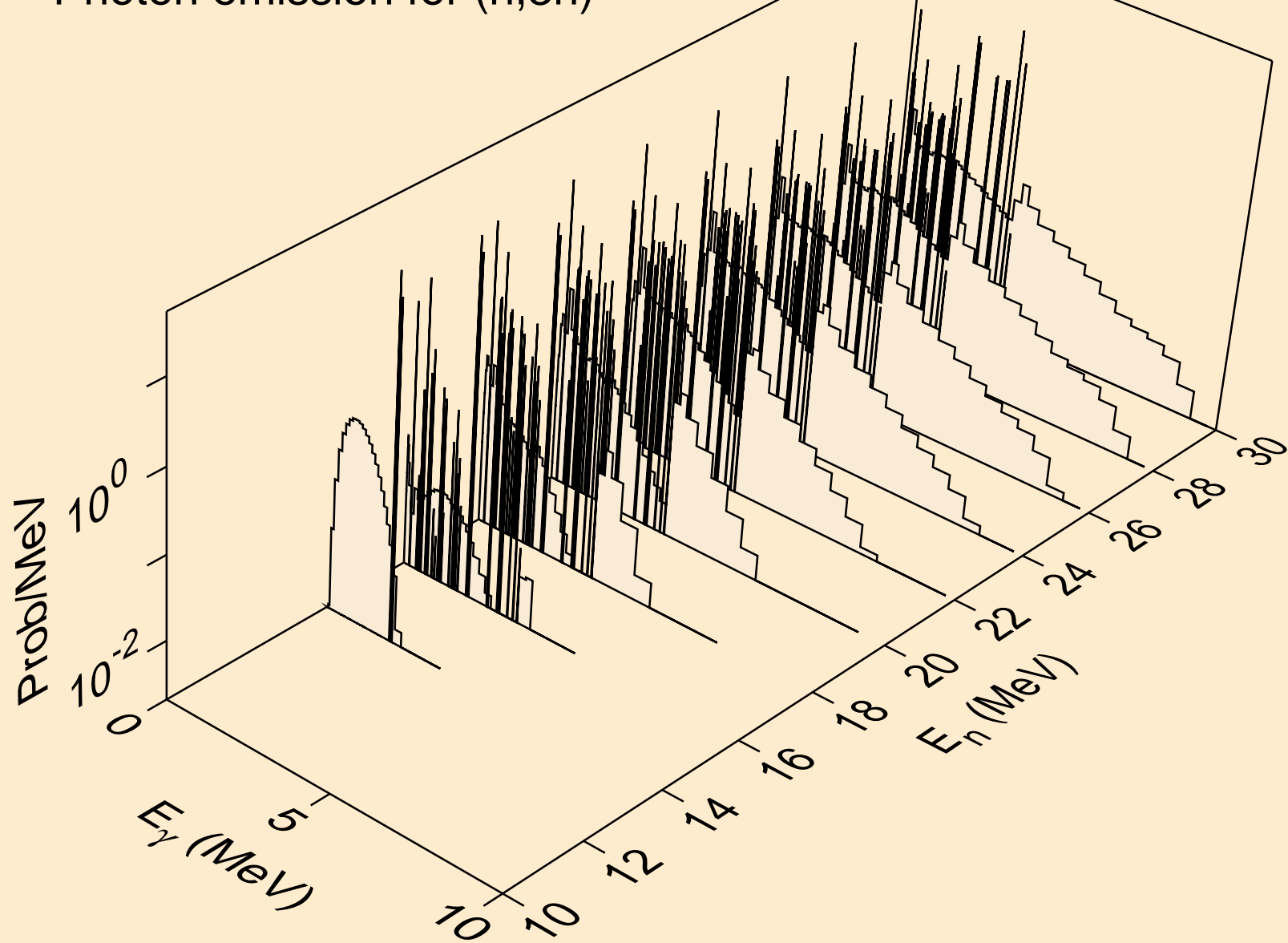
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Photon emission for (n,2nd)



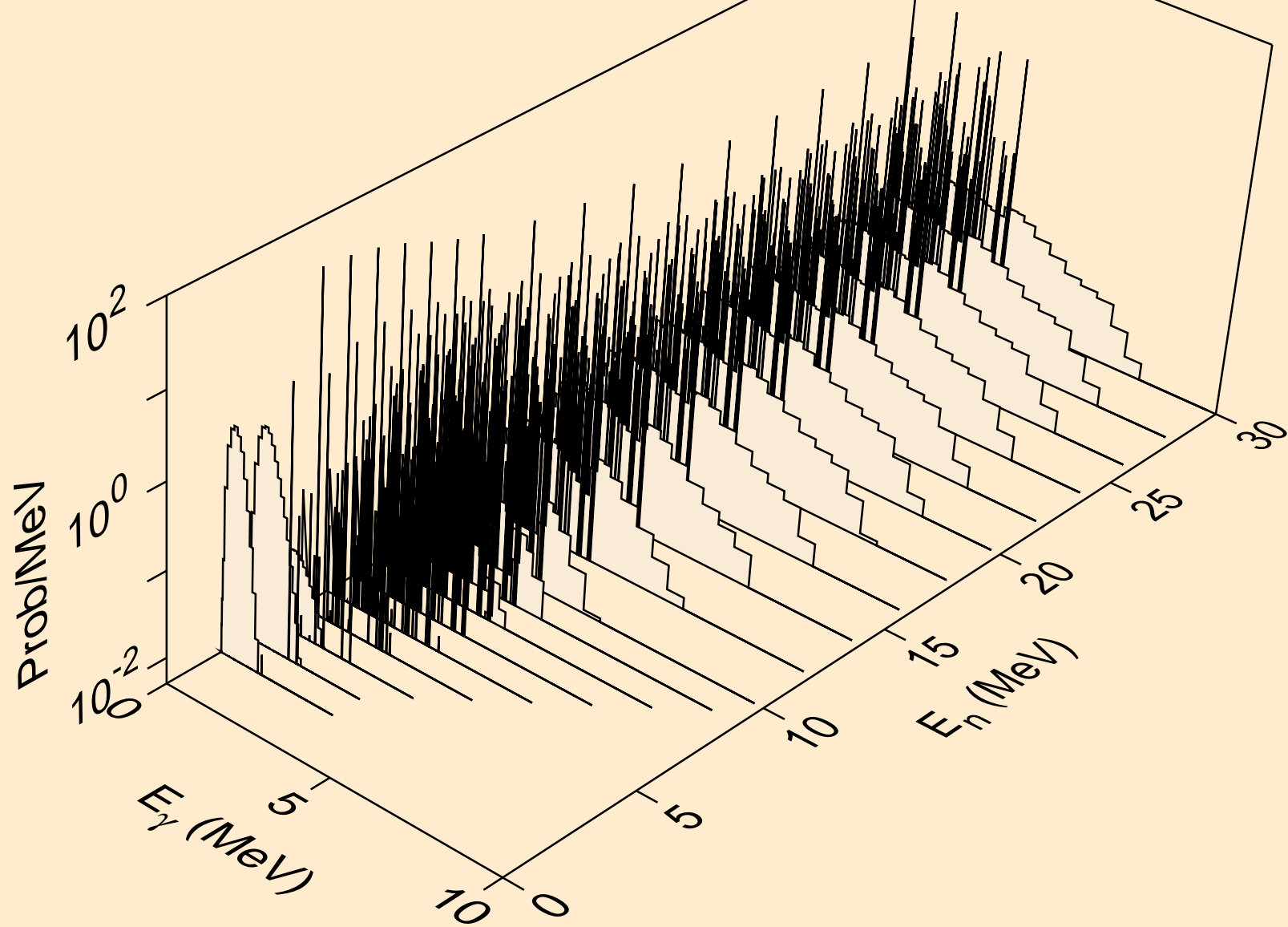
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Photon emission for (n,2n)



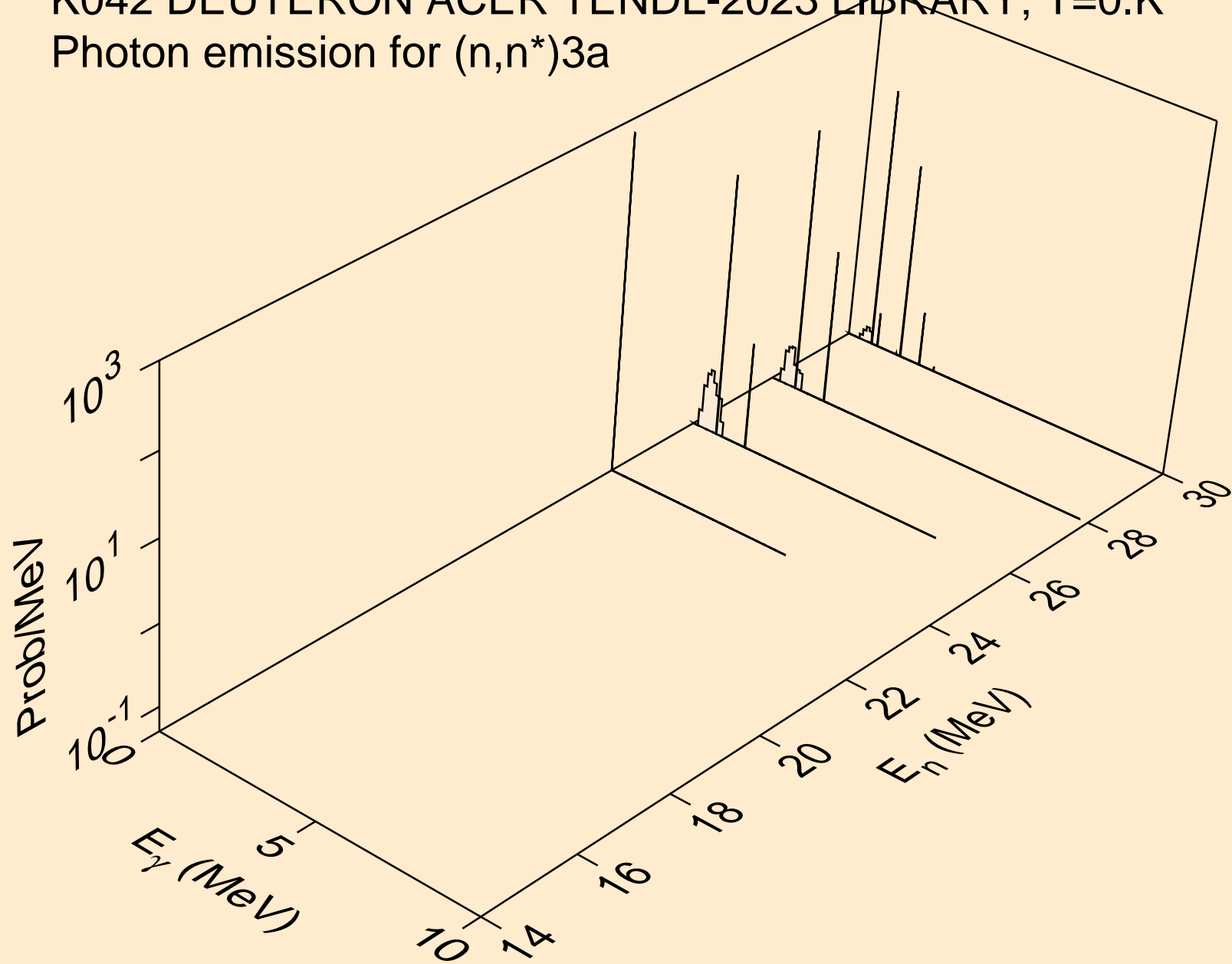
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Photon emission for (n,3n)



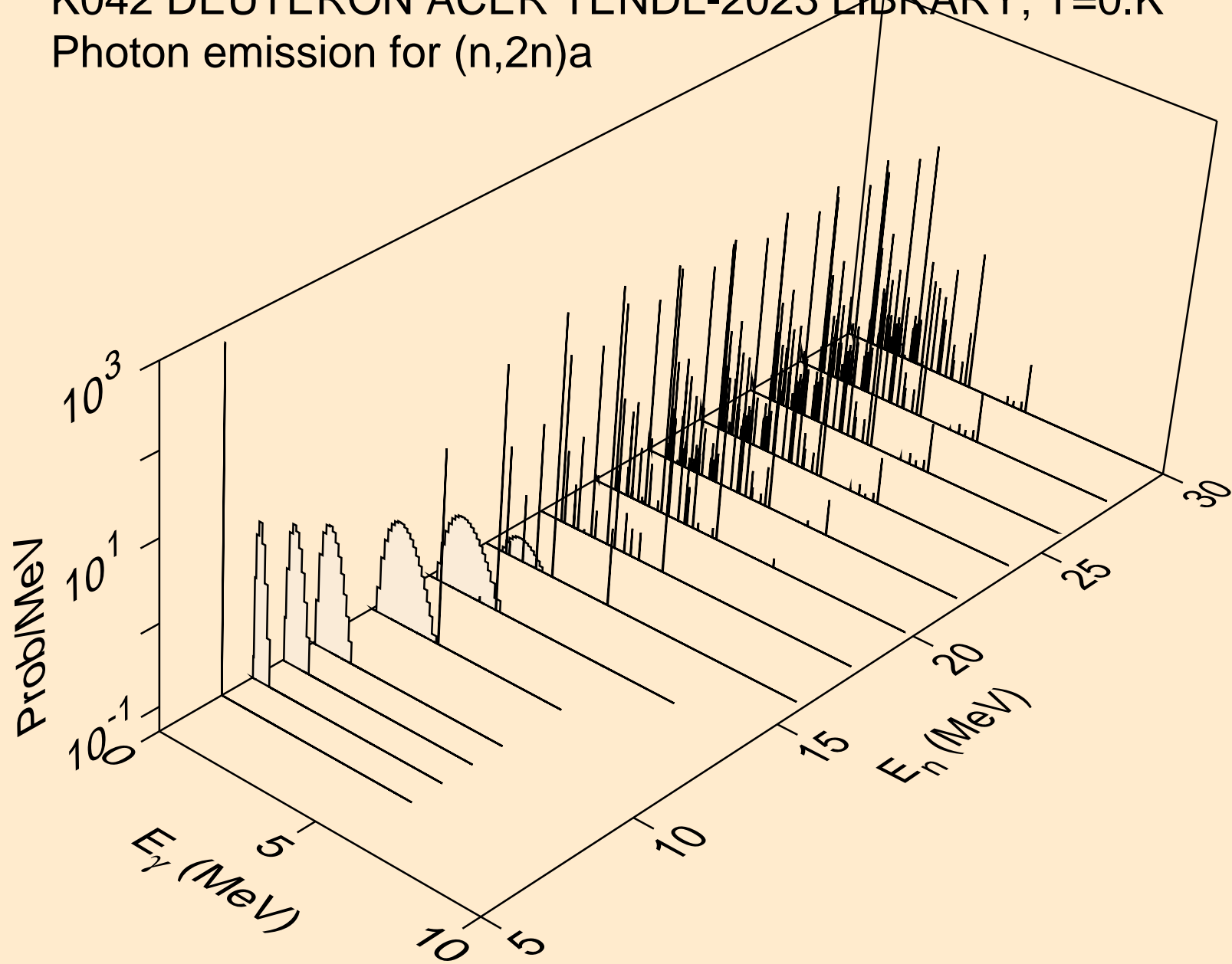
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a

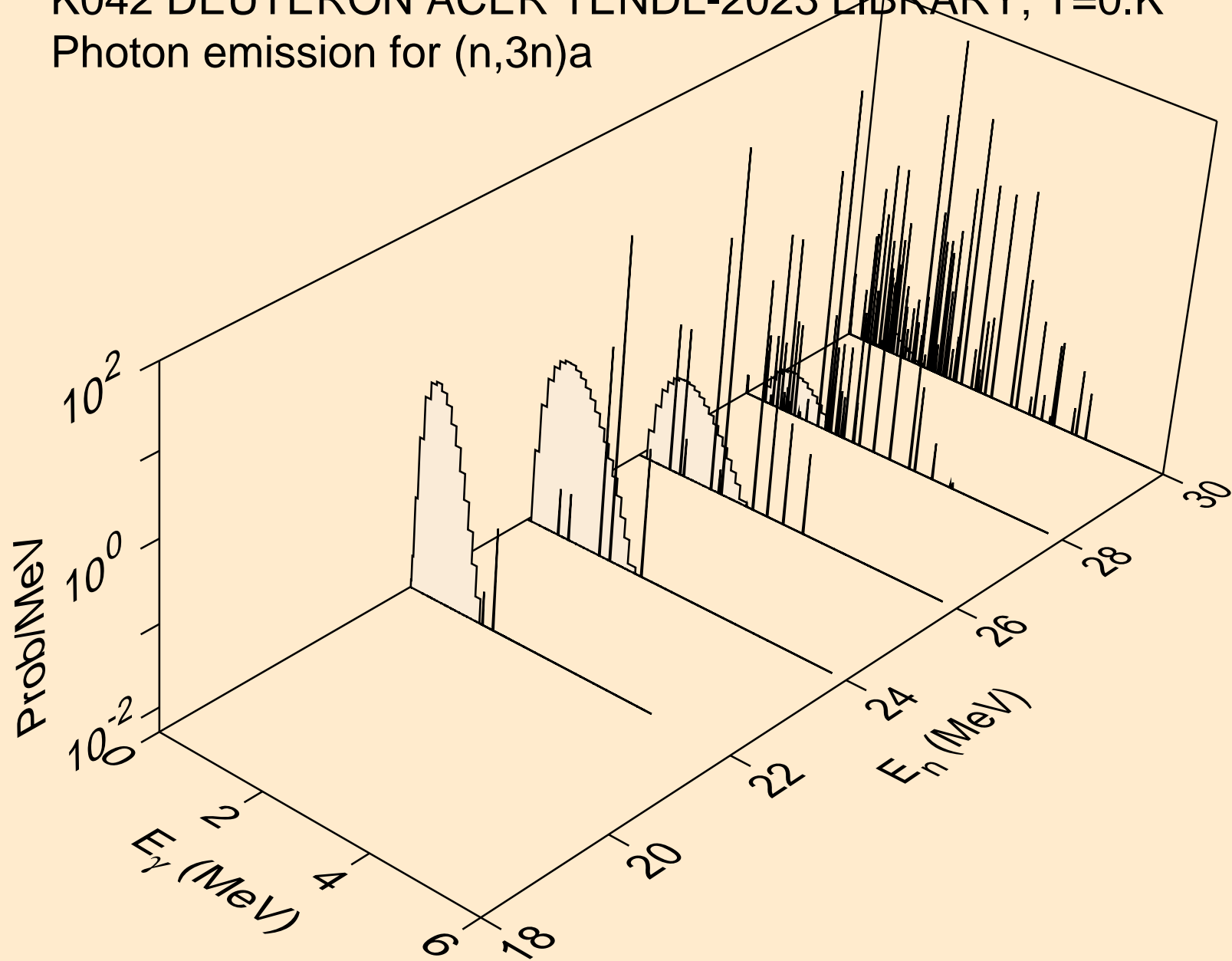


K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$

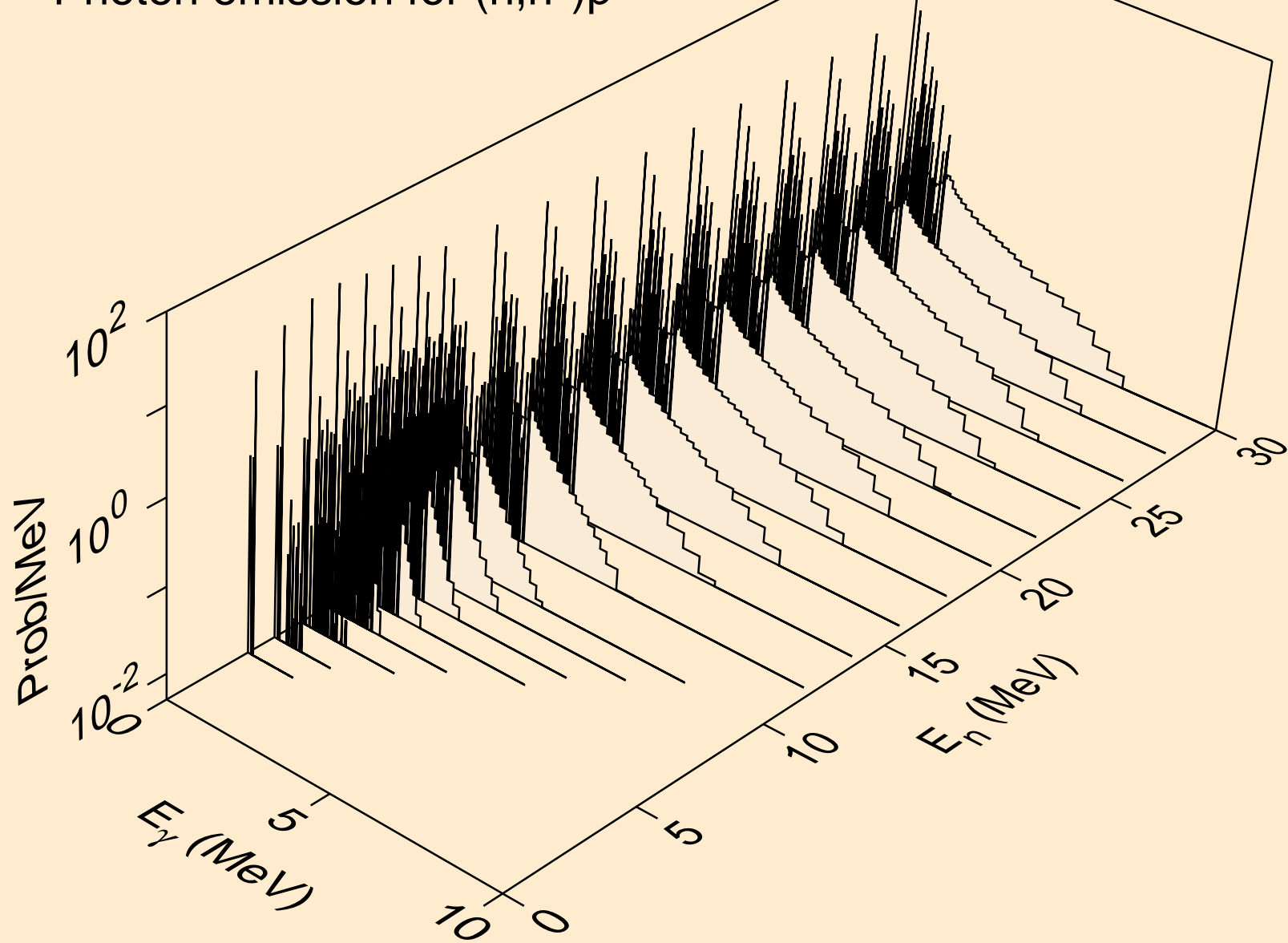




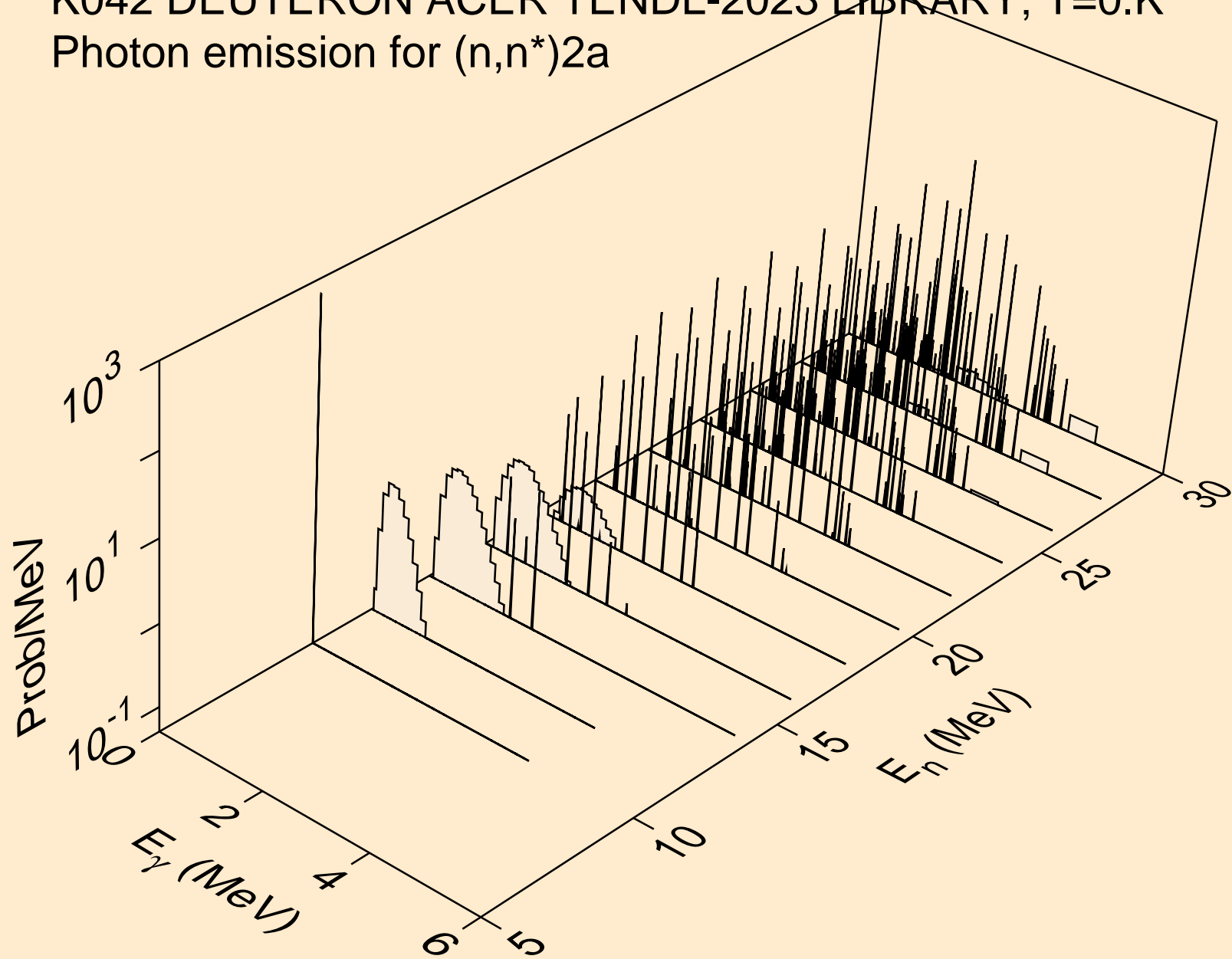
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Photon emission for (n,3n)a



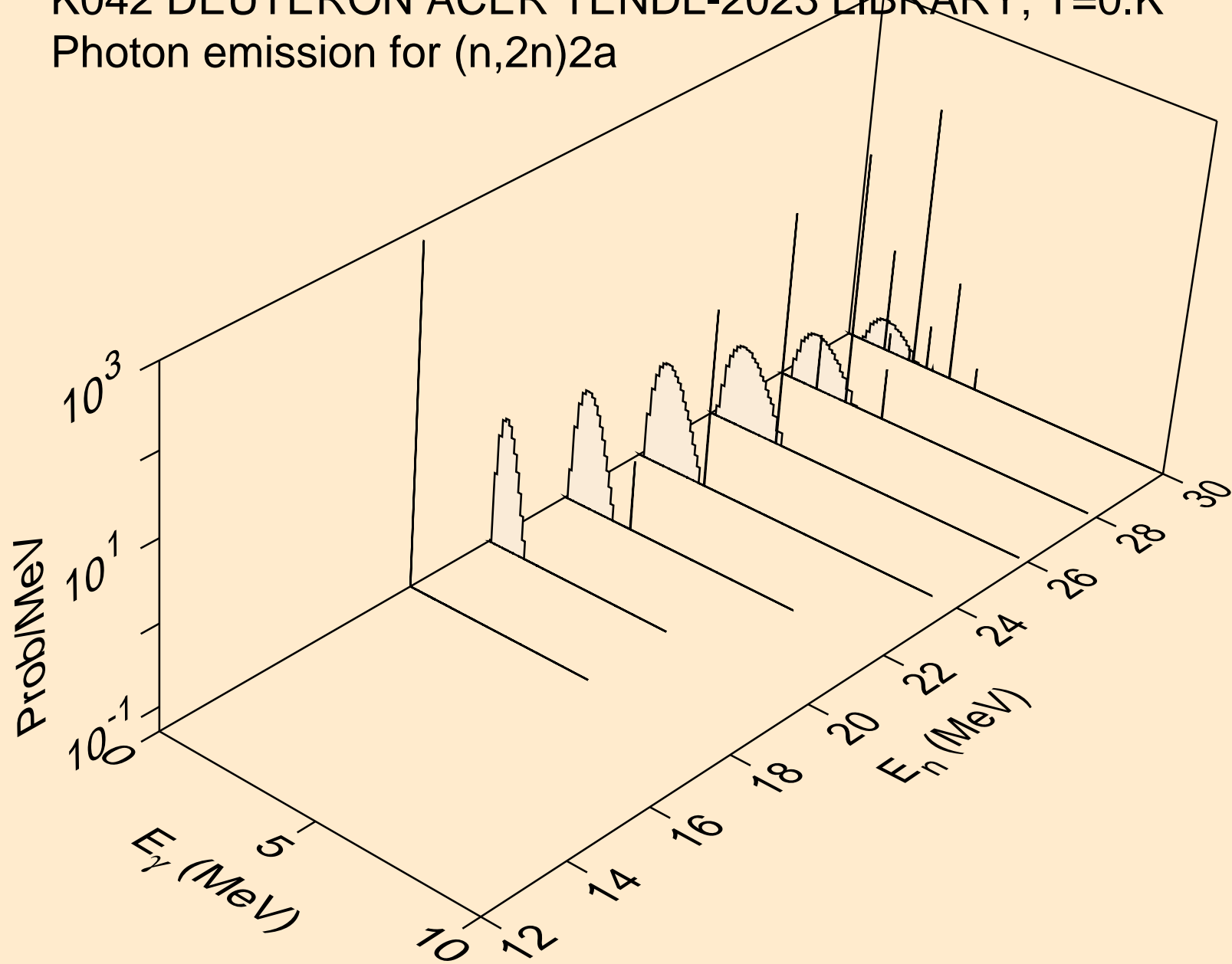
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Photon emission for (n,n\*)p



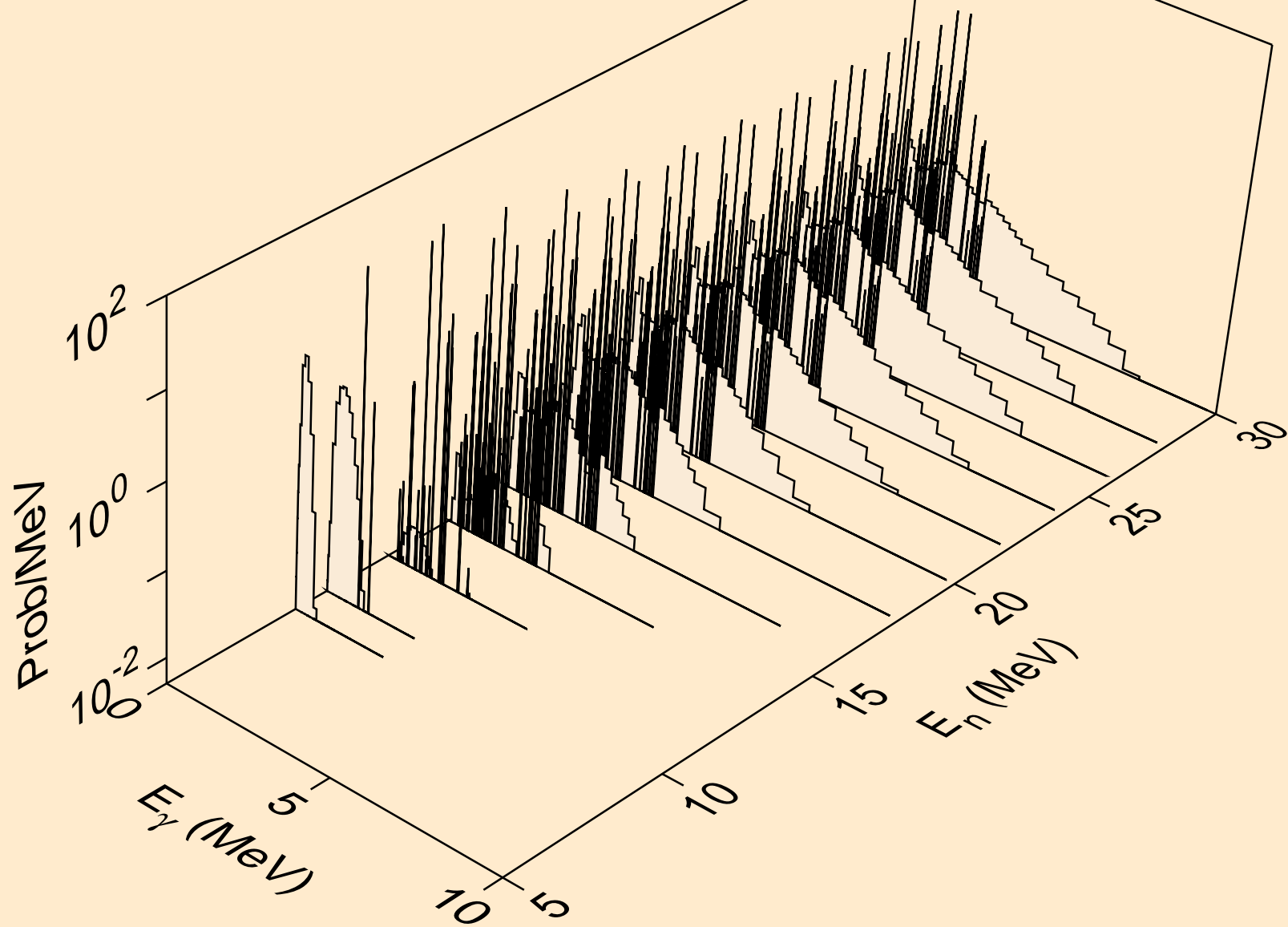
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Photon emission for (n,n\*)2a



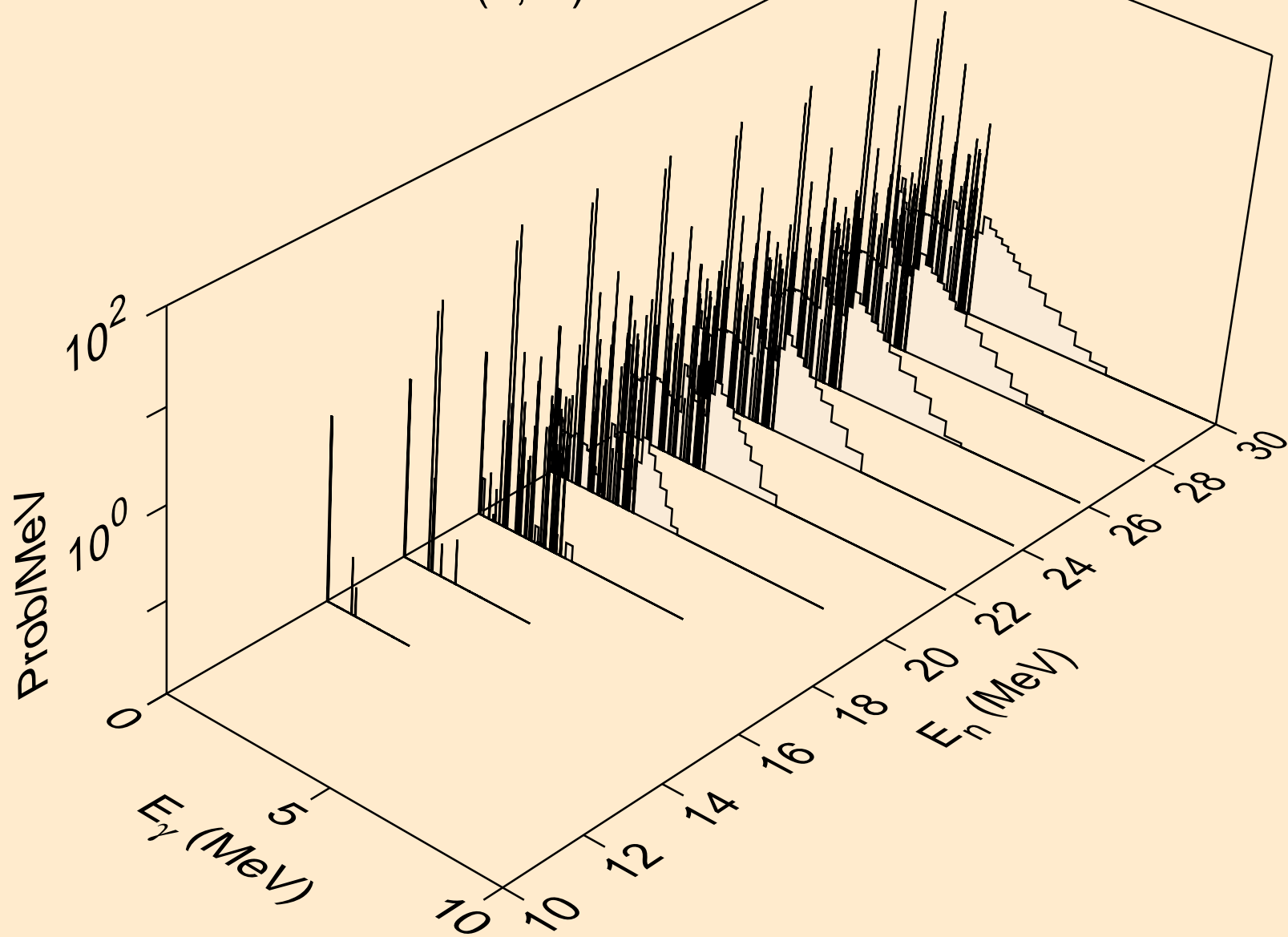
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Photon emission for (n,2n)2a



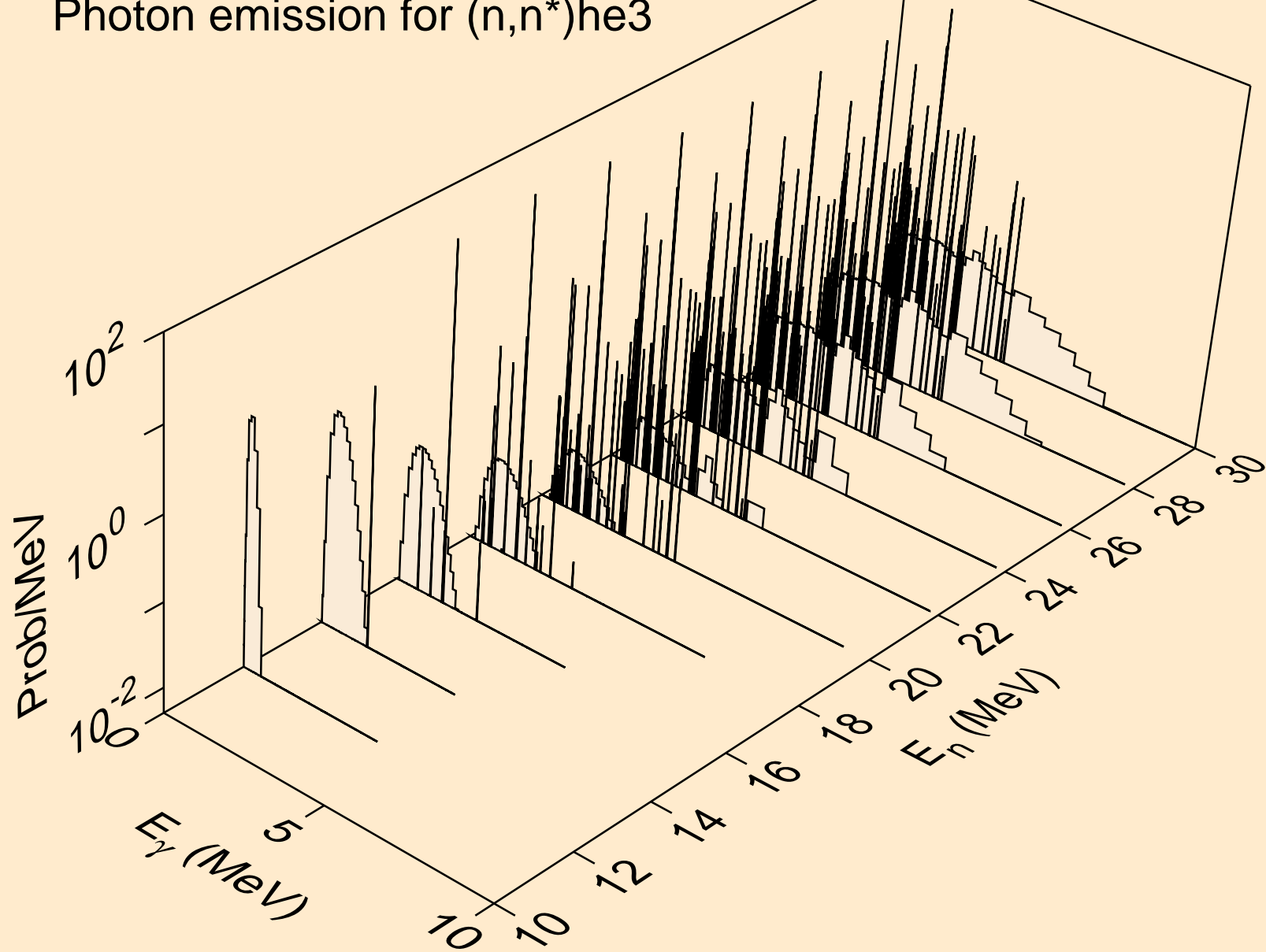
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Photon emission for (n,n\*)d



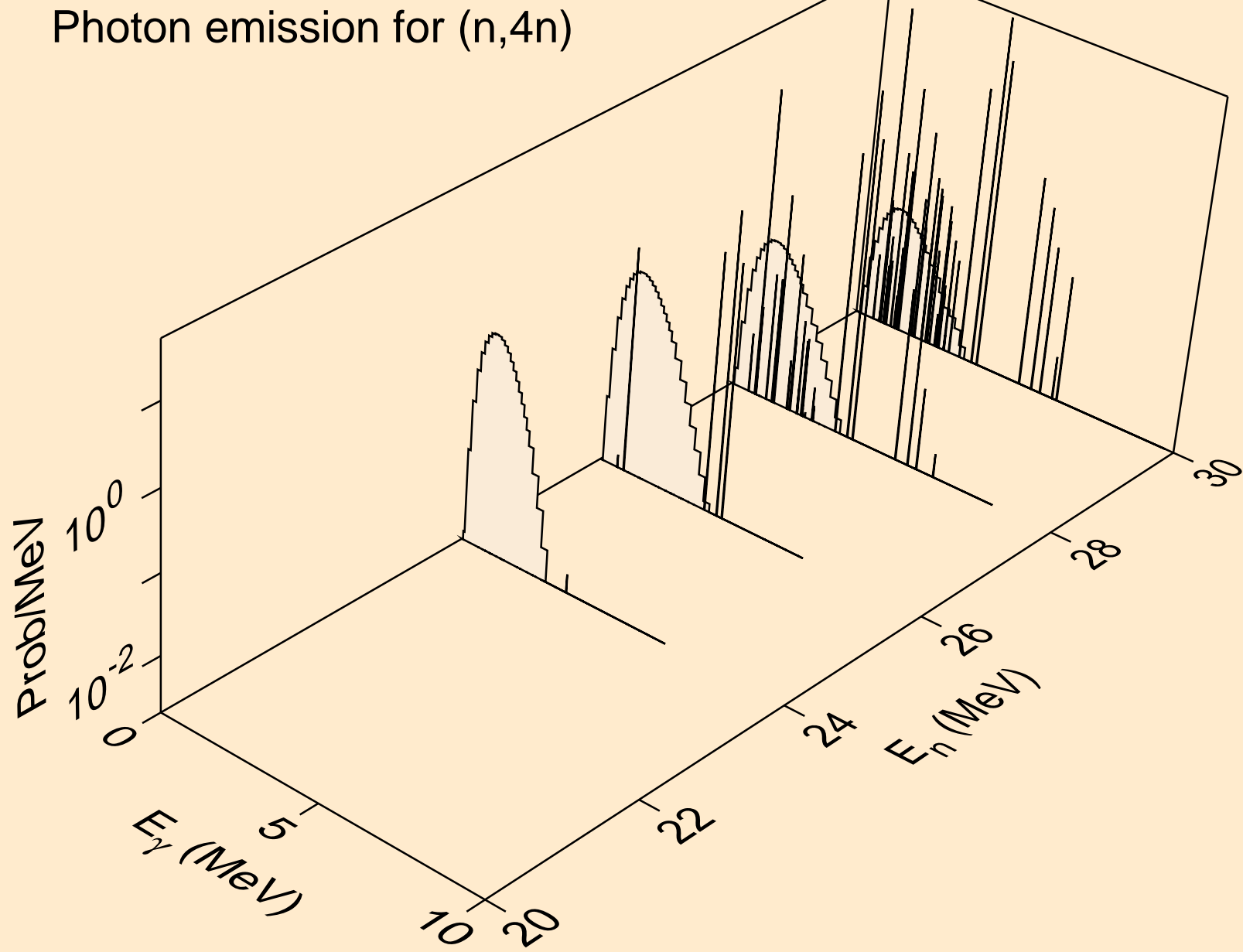
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Photon emission for (n,n\*)t



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

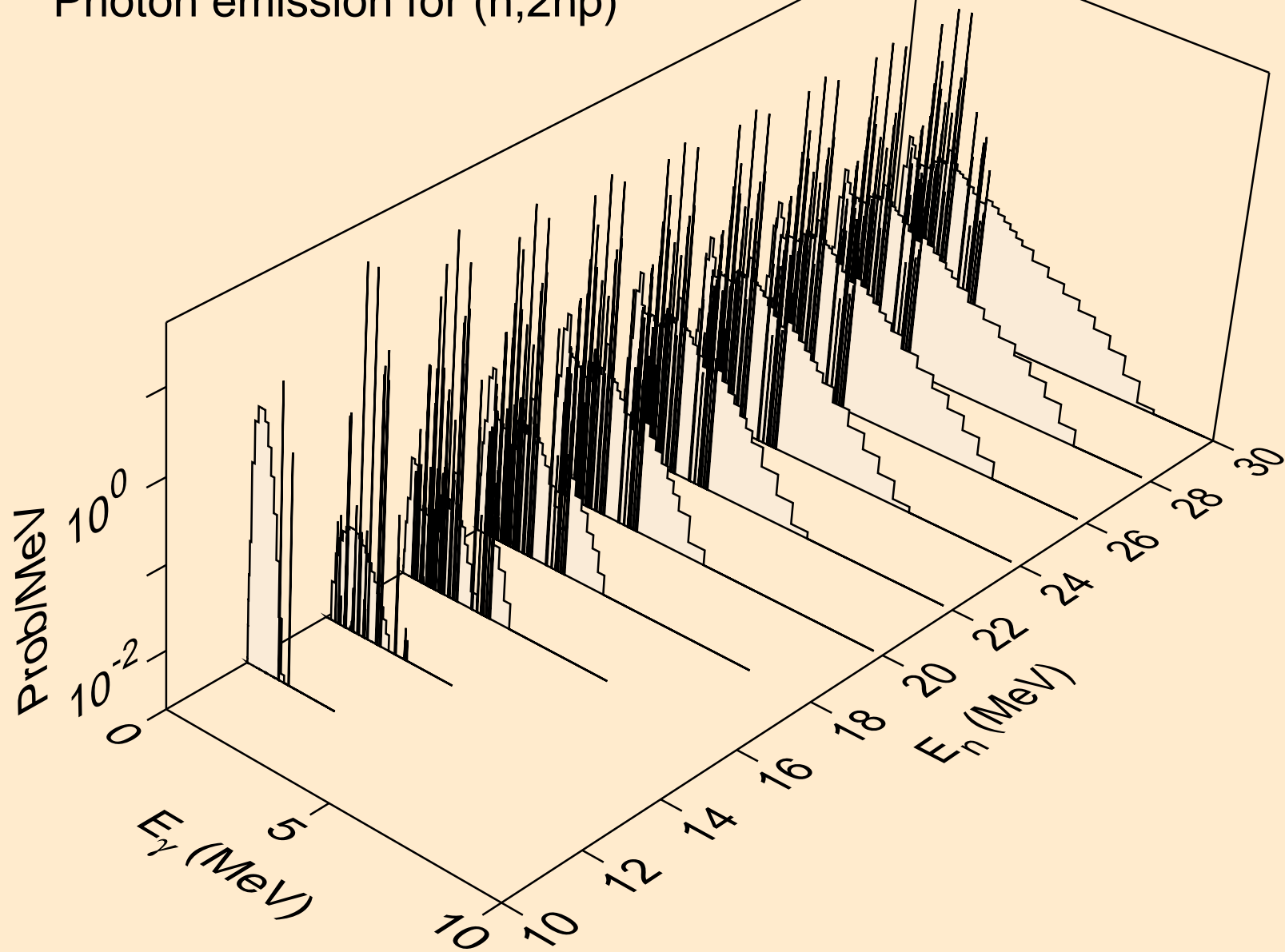


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Photon emission for (n,4n)

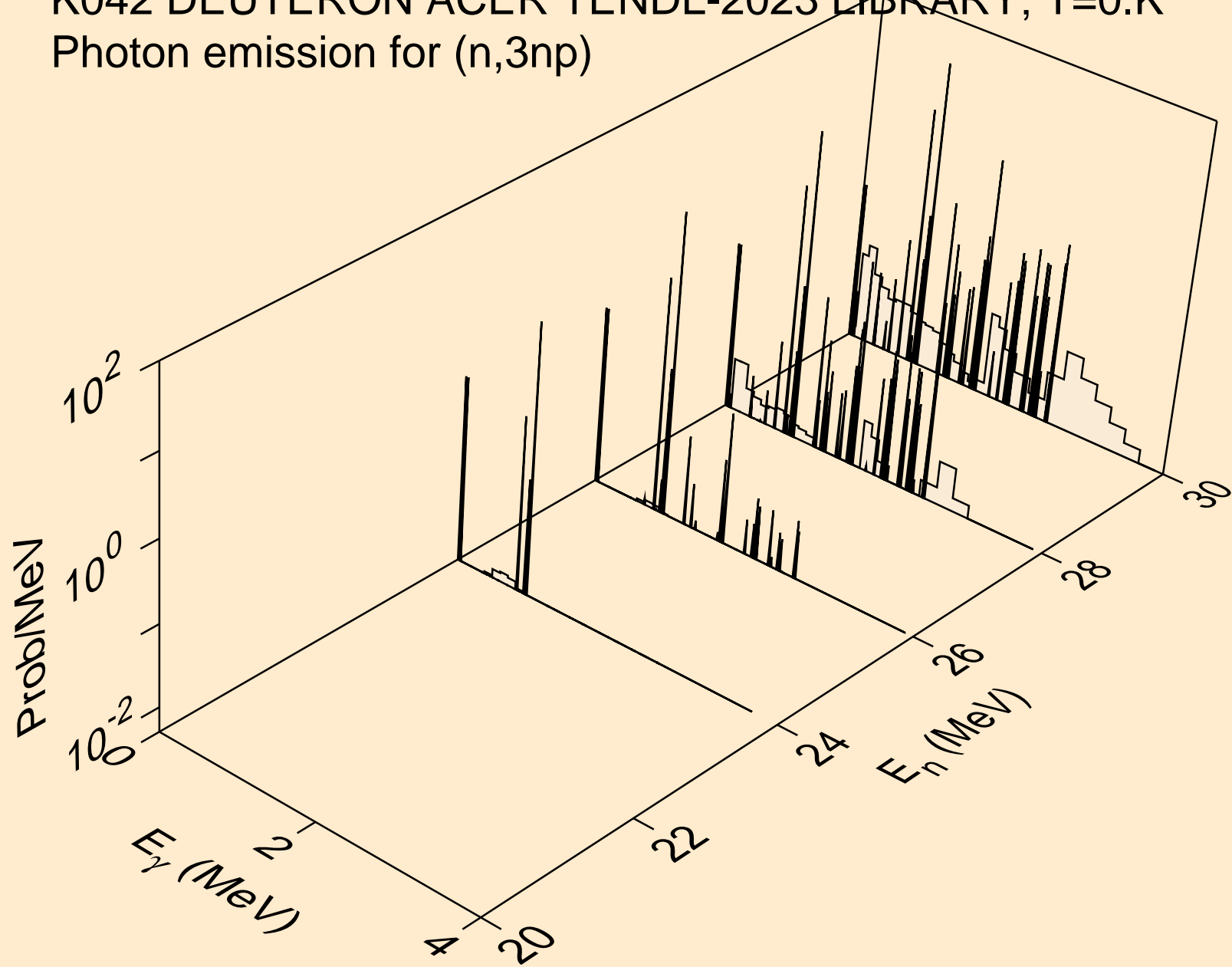




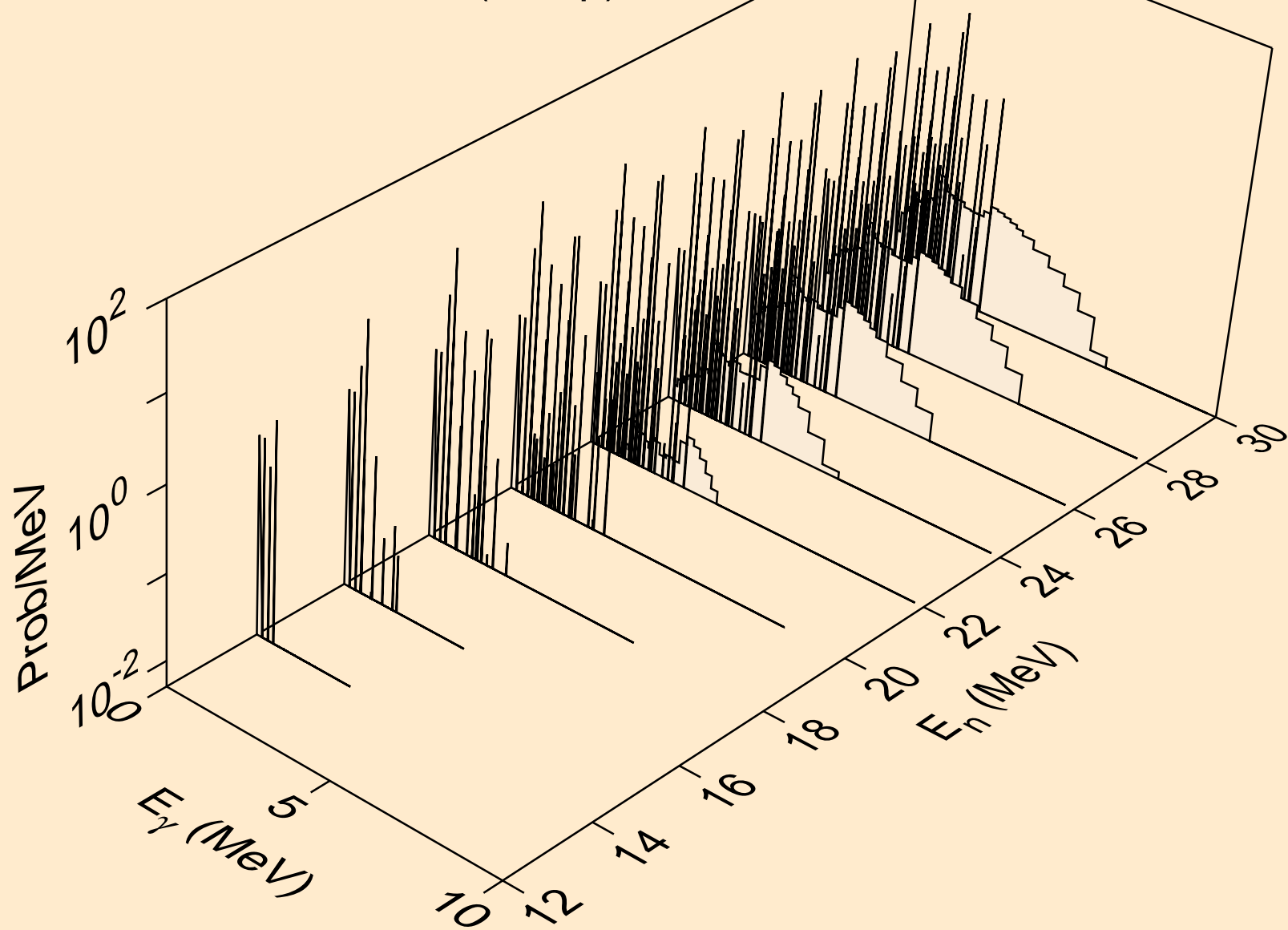
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Photon emission for (n,2np)



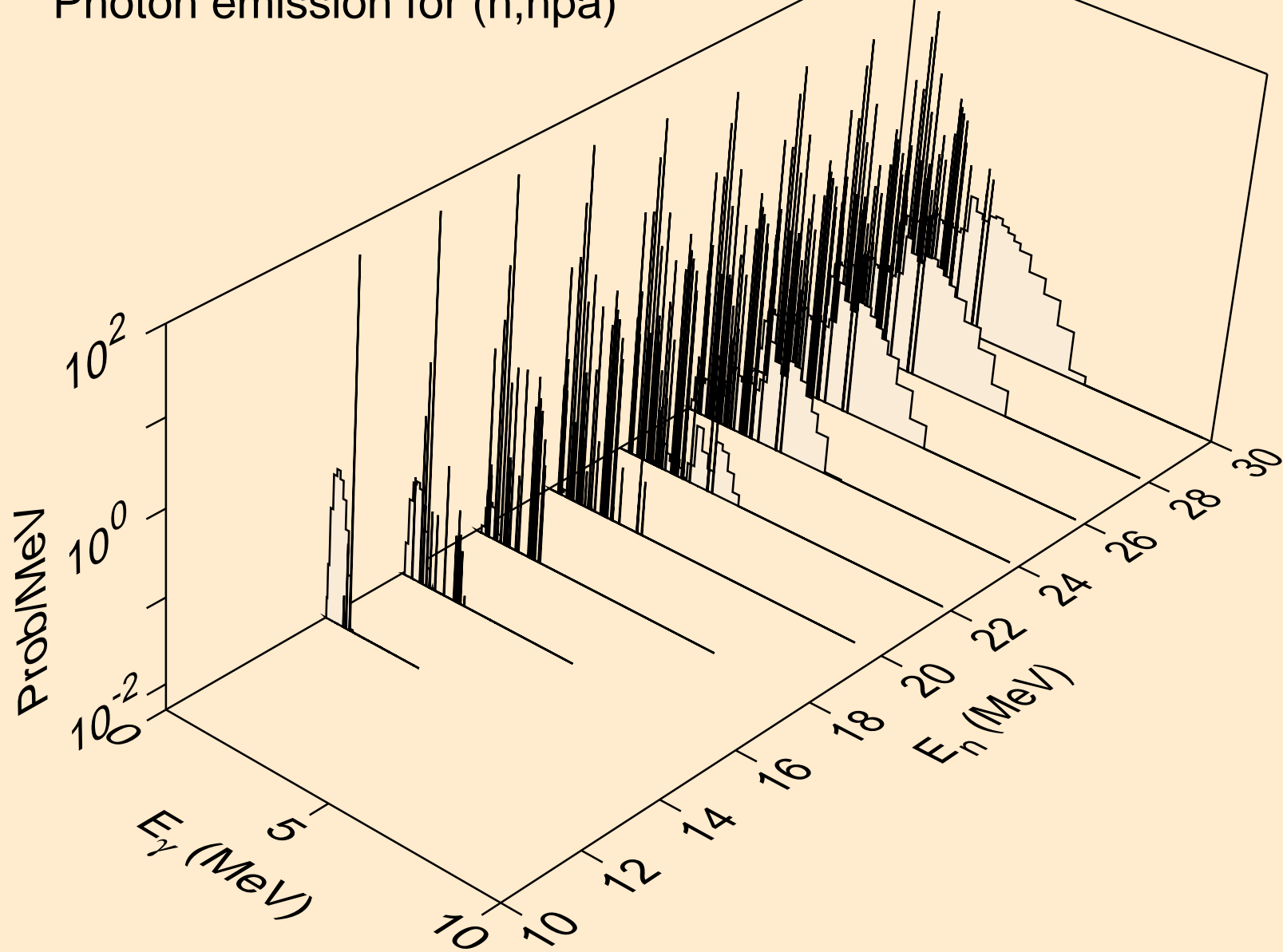
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Photon emission for (n,3np)



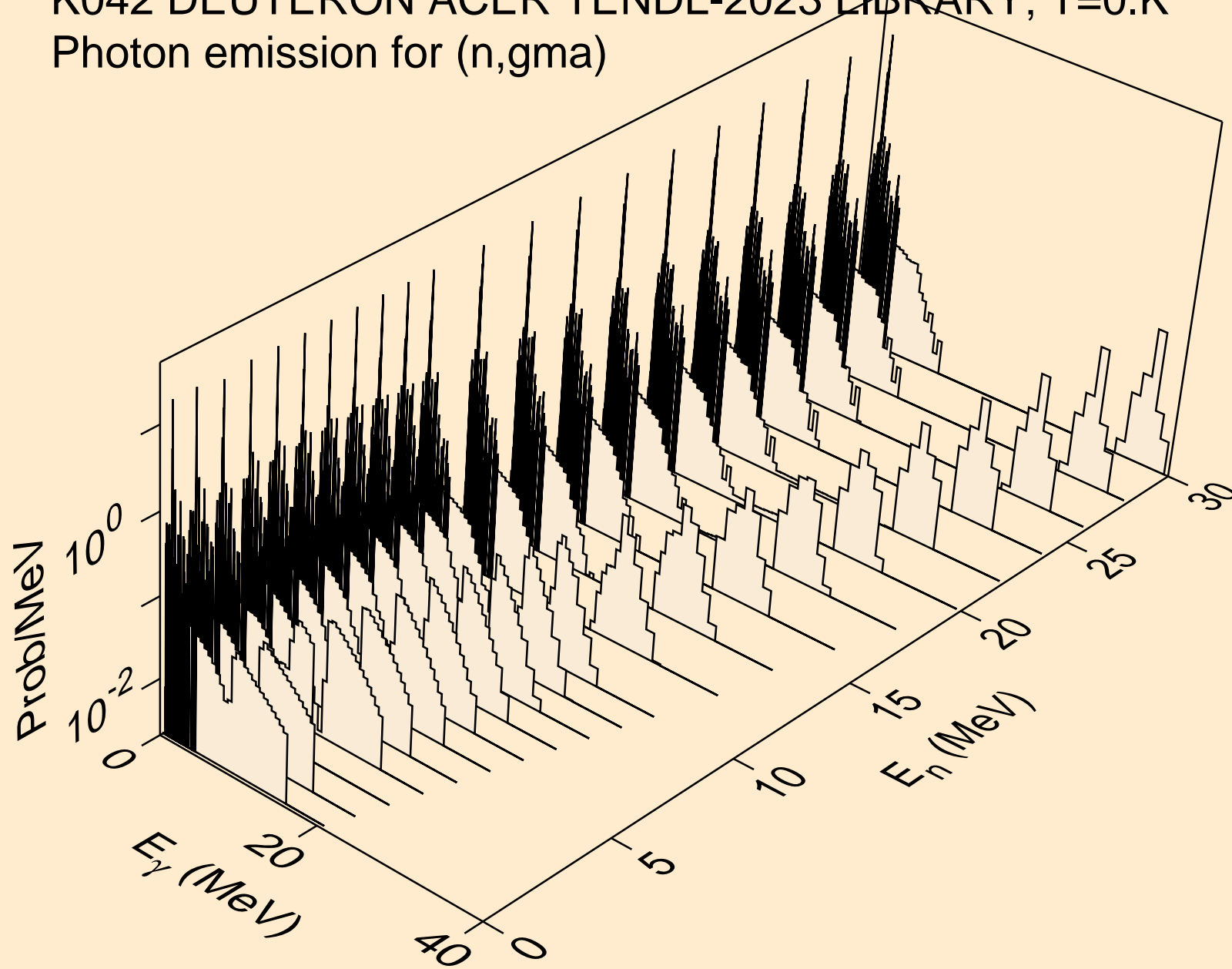
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Photon emission for (n,n2p)



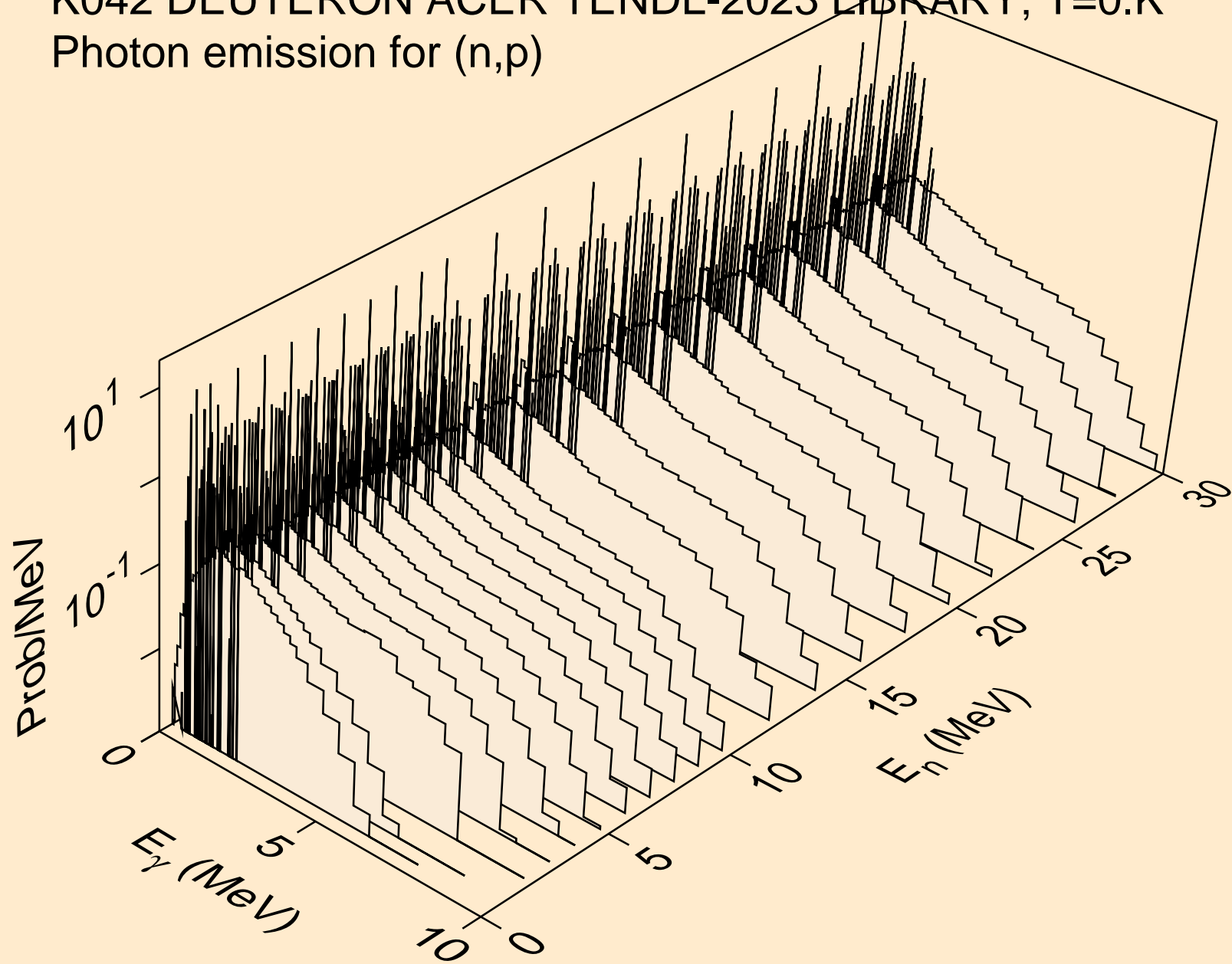
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Photon emission for (n,npa)



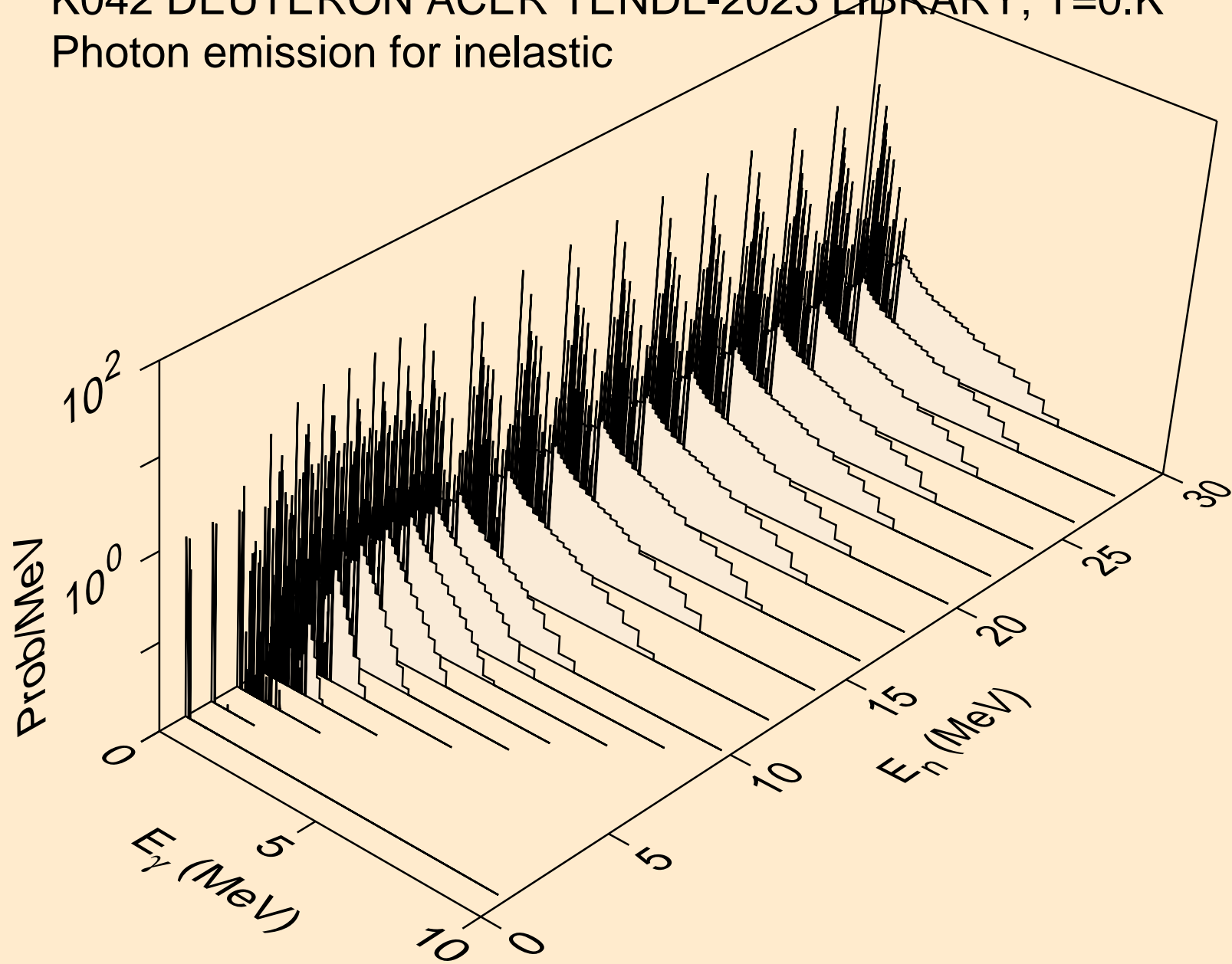
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Photon emission for (n,gma)



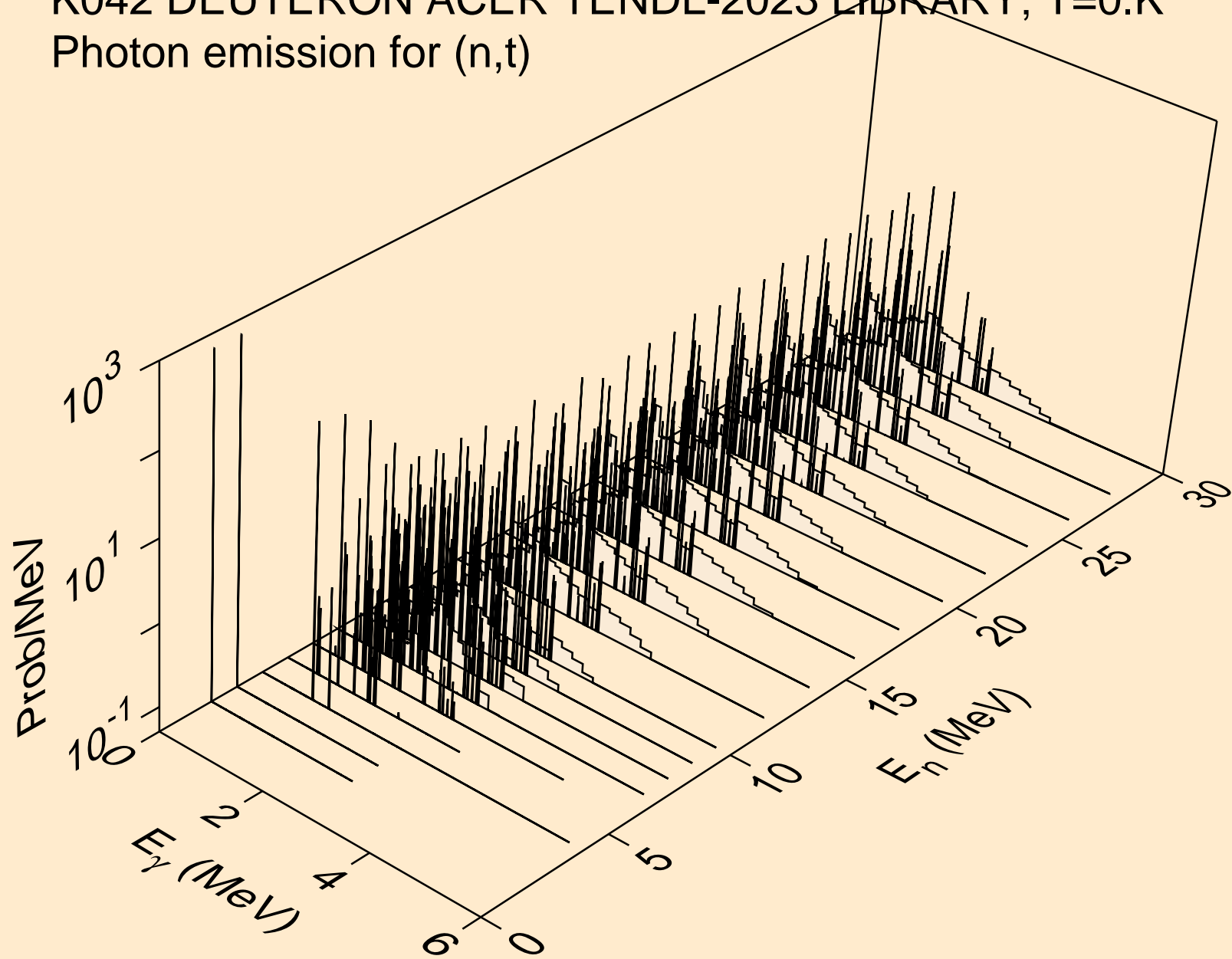
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

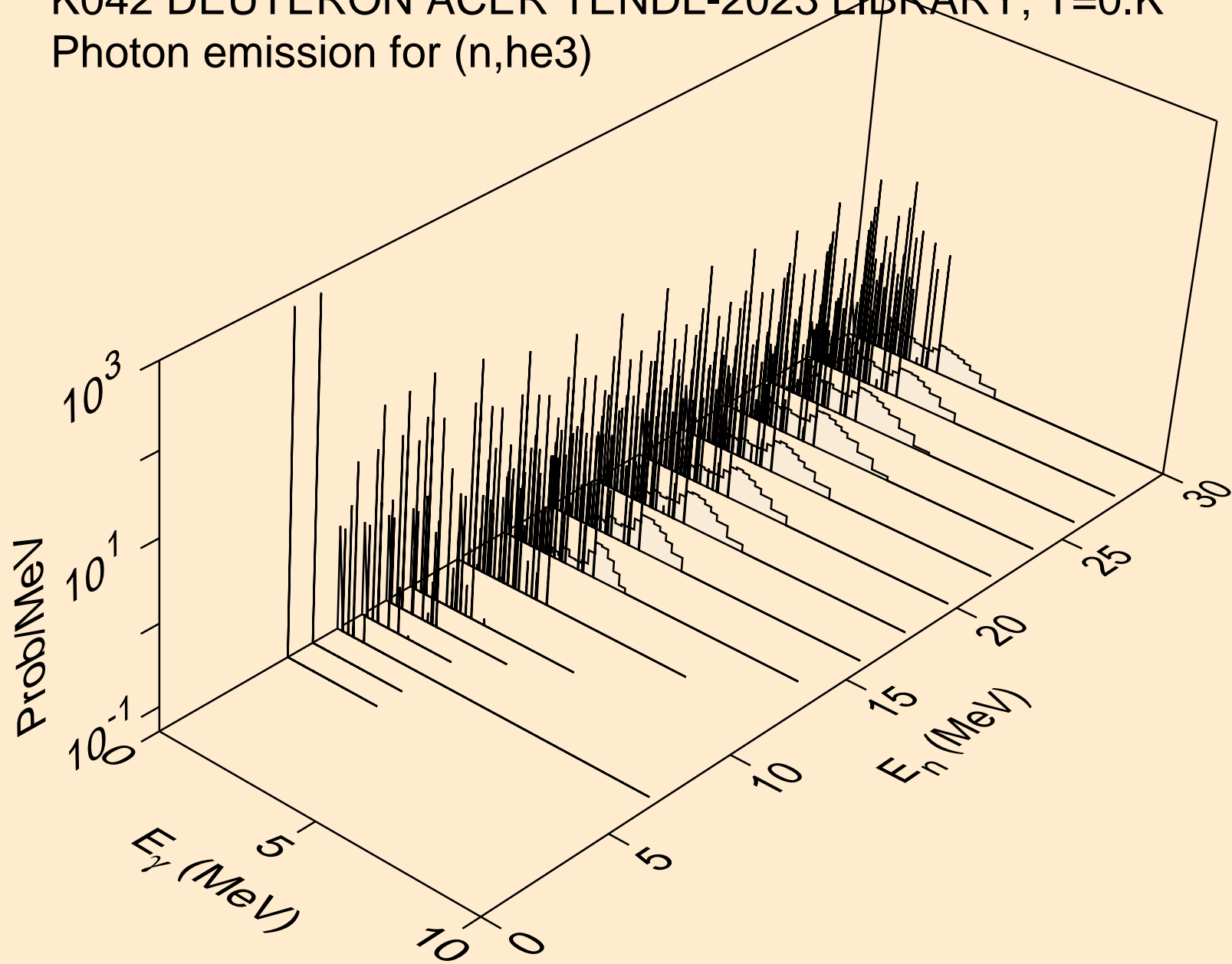


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Photon emission for (n,t)

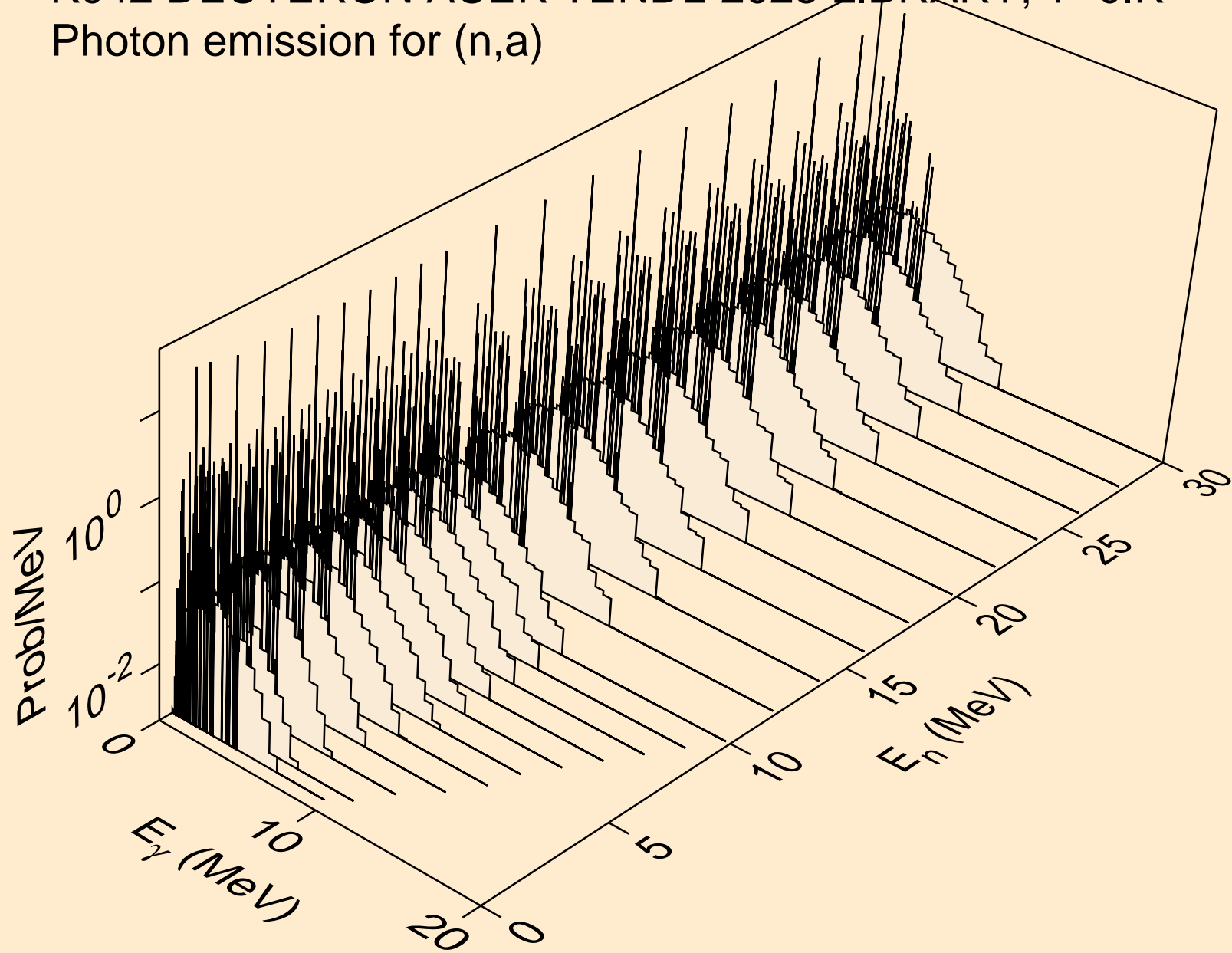




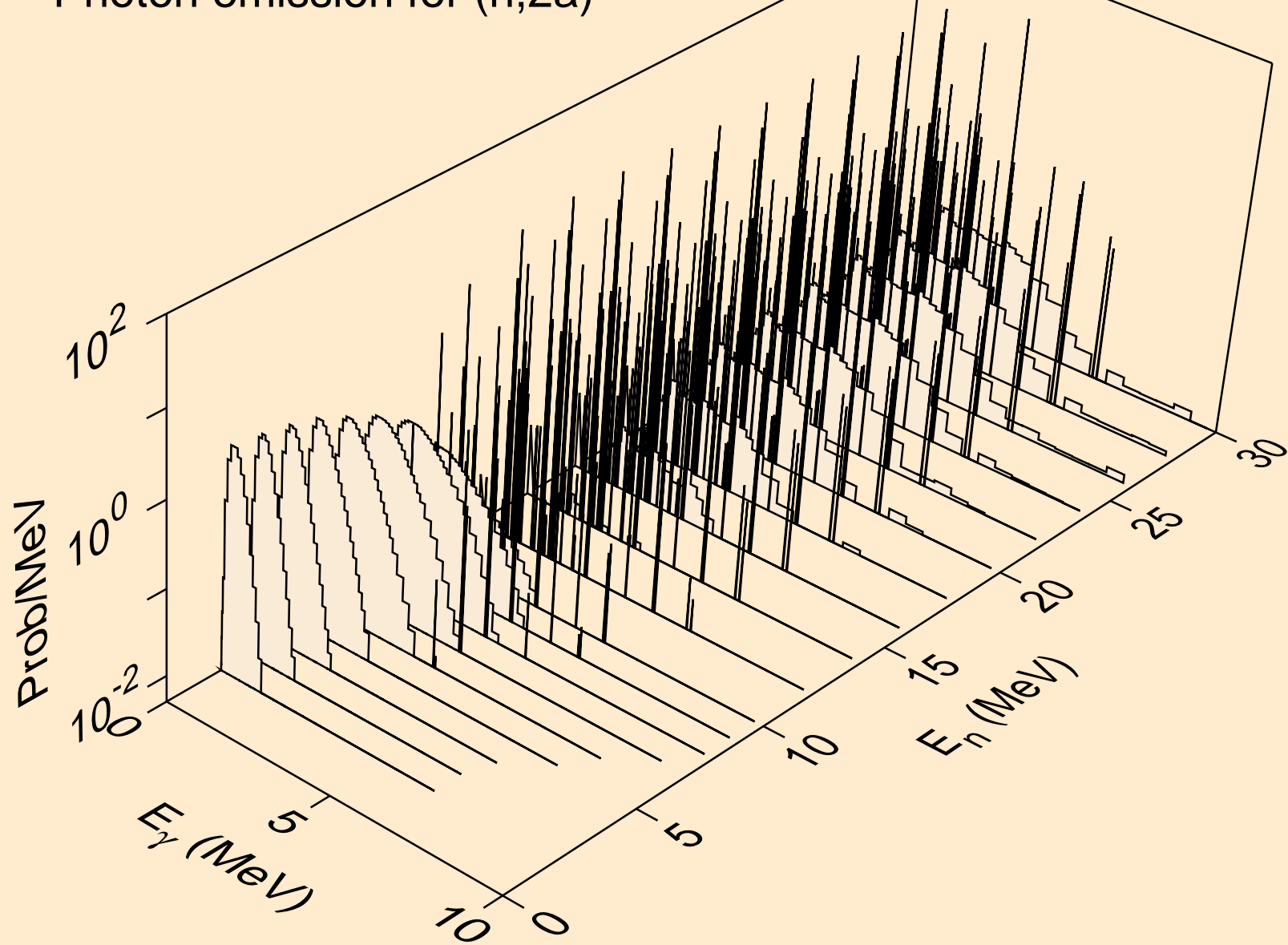
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Photon emission for (n,he3)



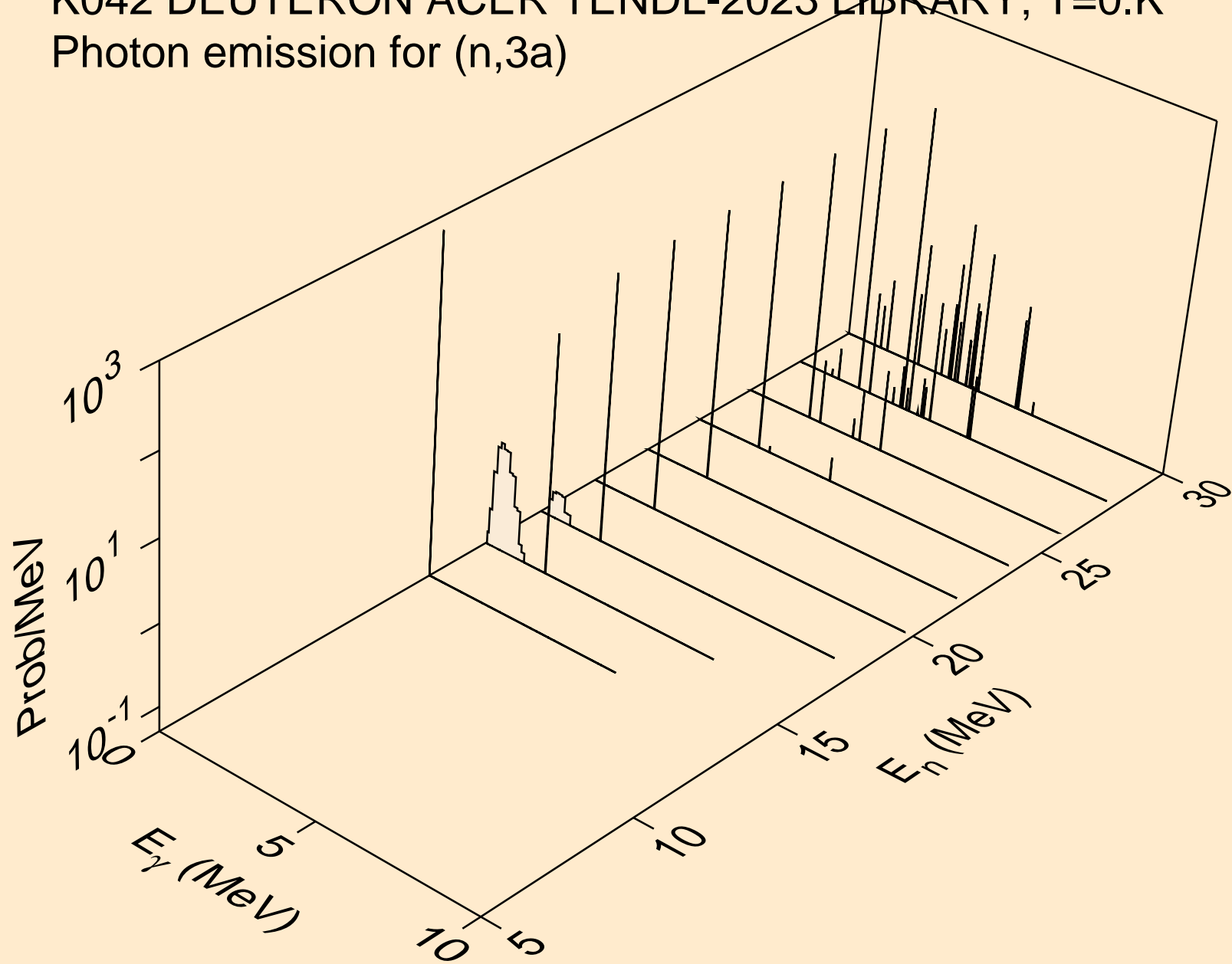
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Photon emission for (n,a)



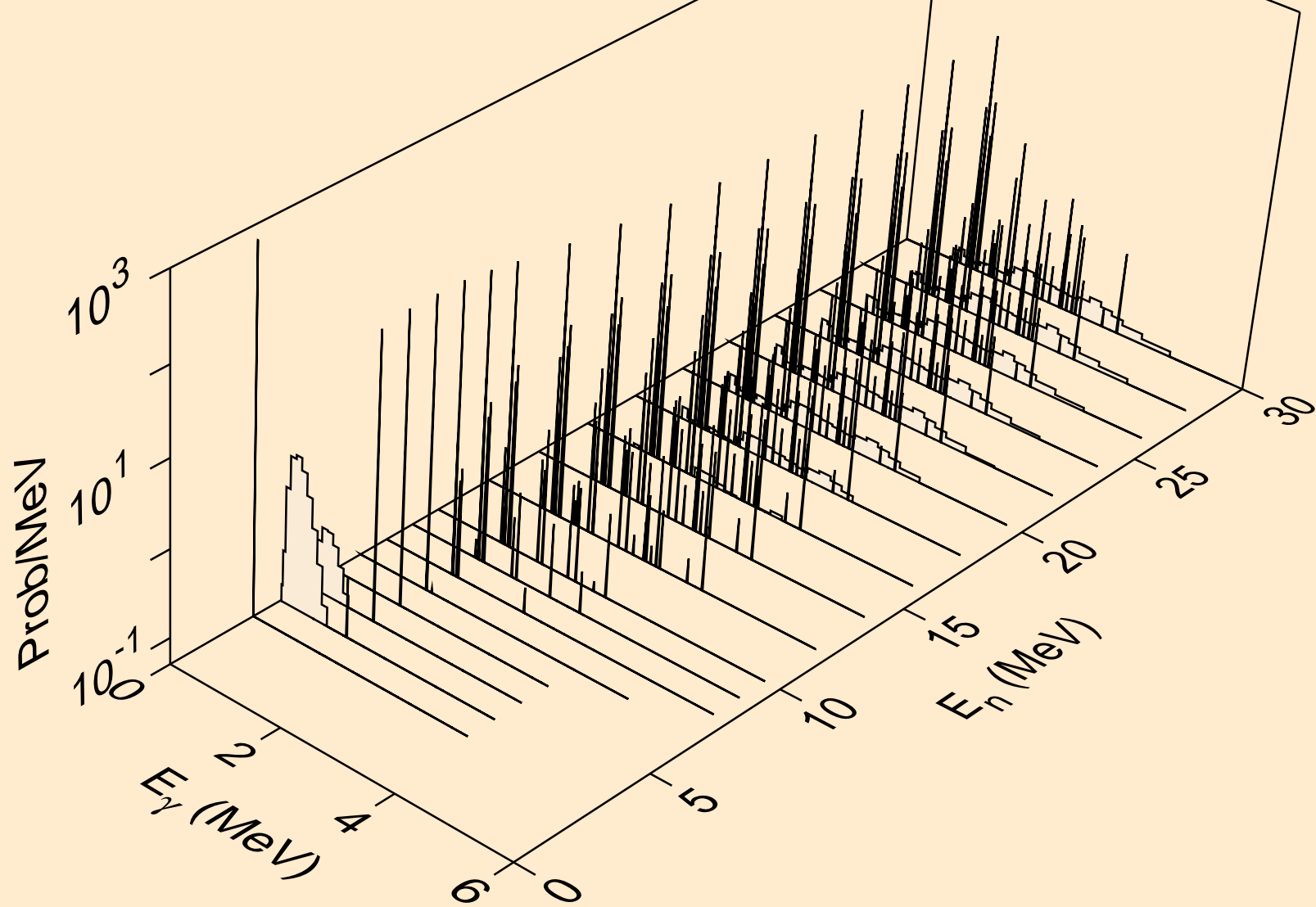
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Photon emission for (n,2a)



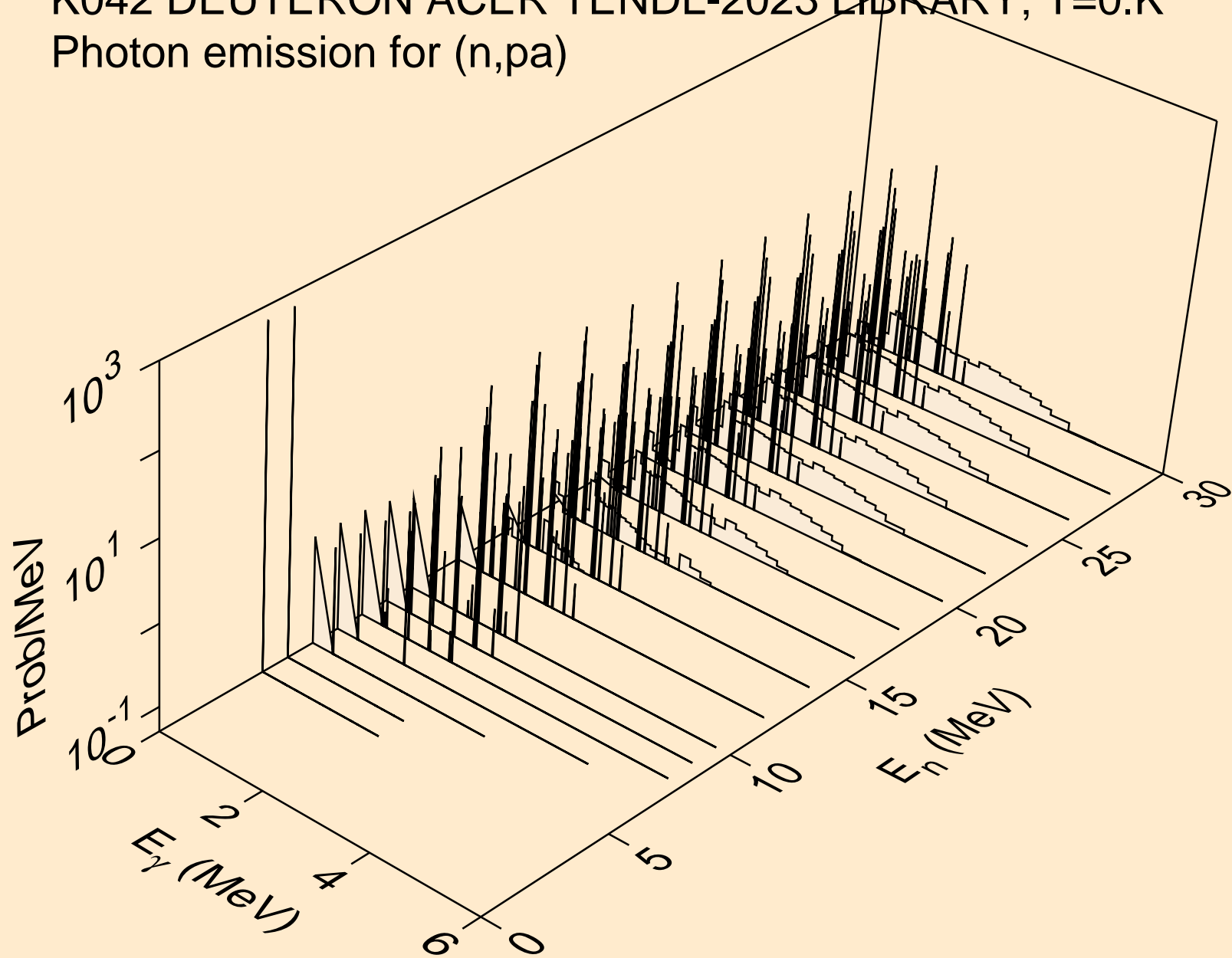
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Photon emission for (n,3a)



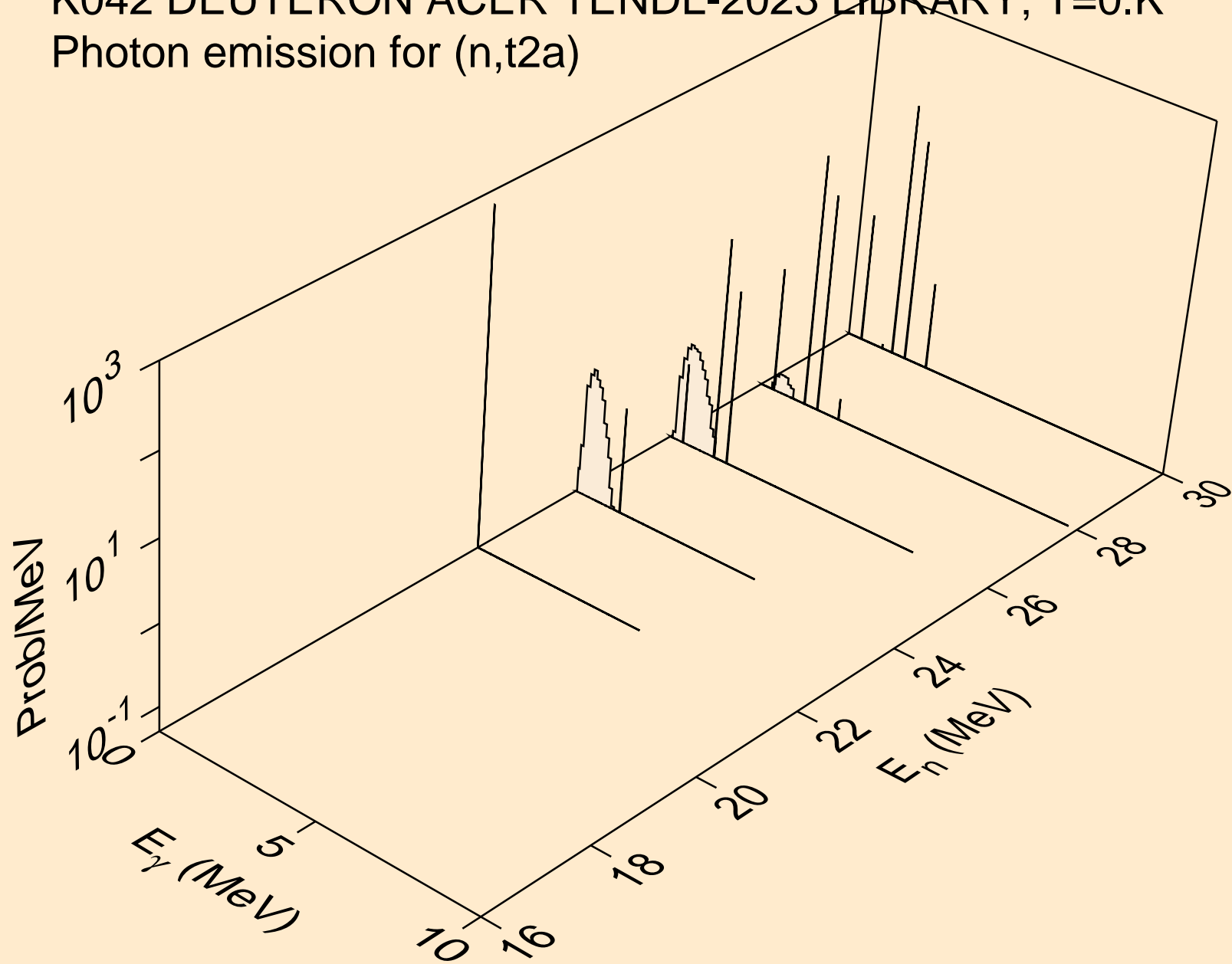
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Photon emission for (n,2p)



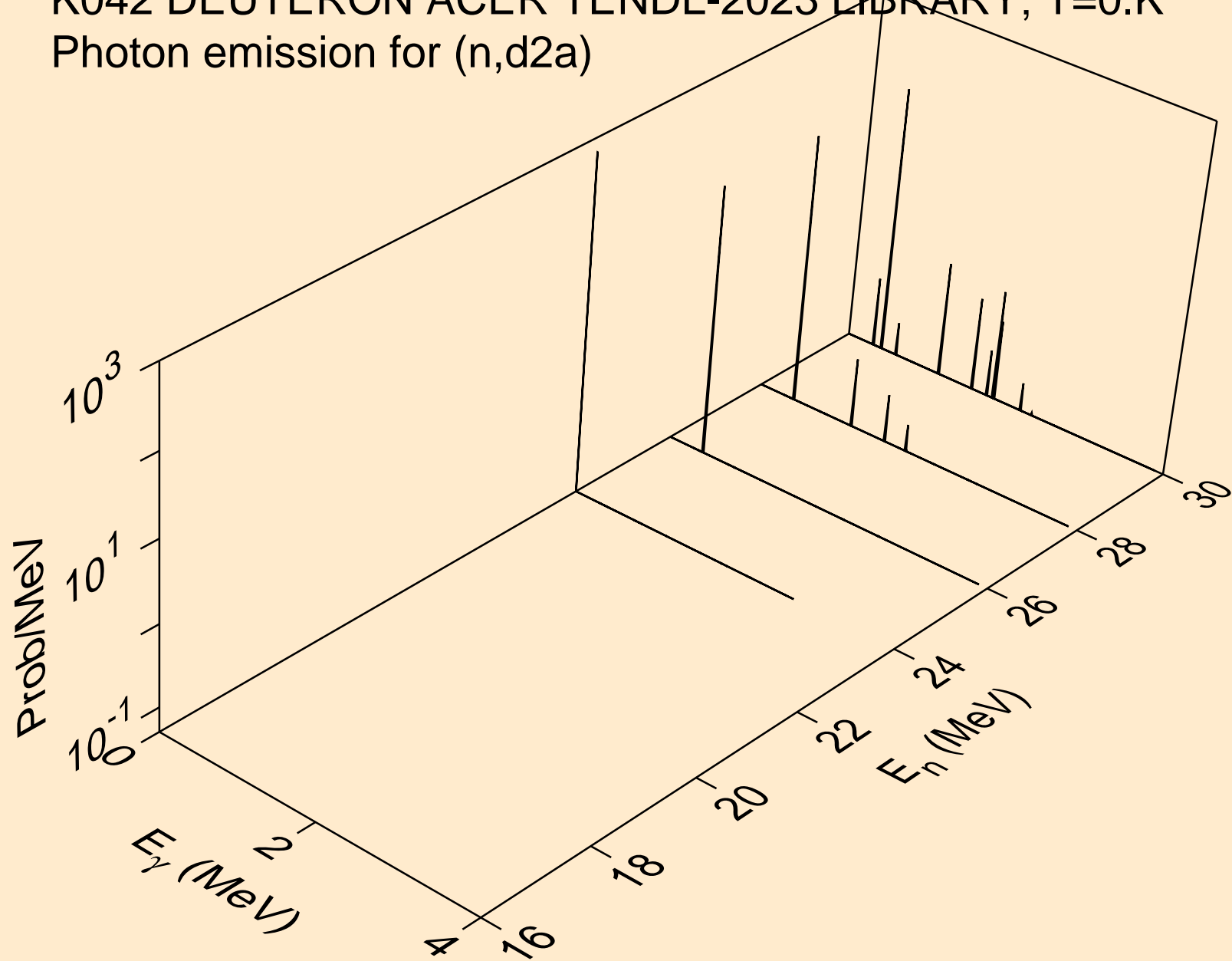
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t2a)

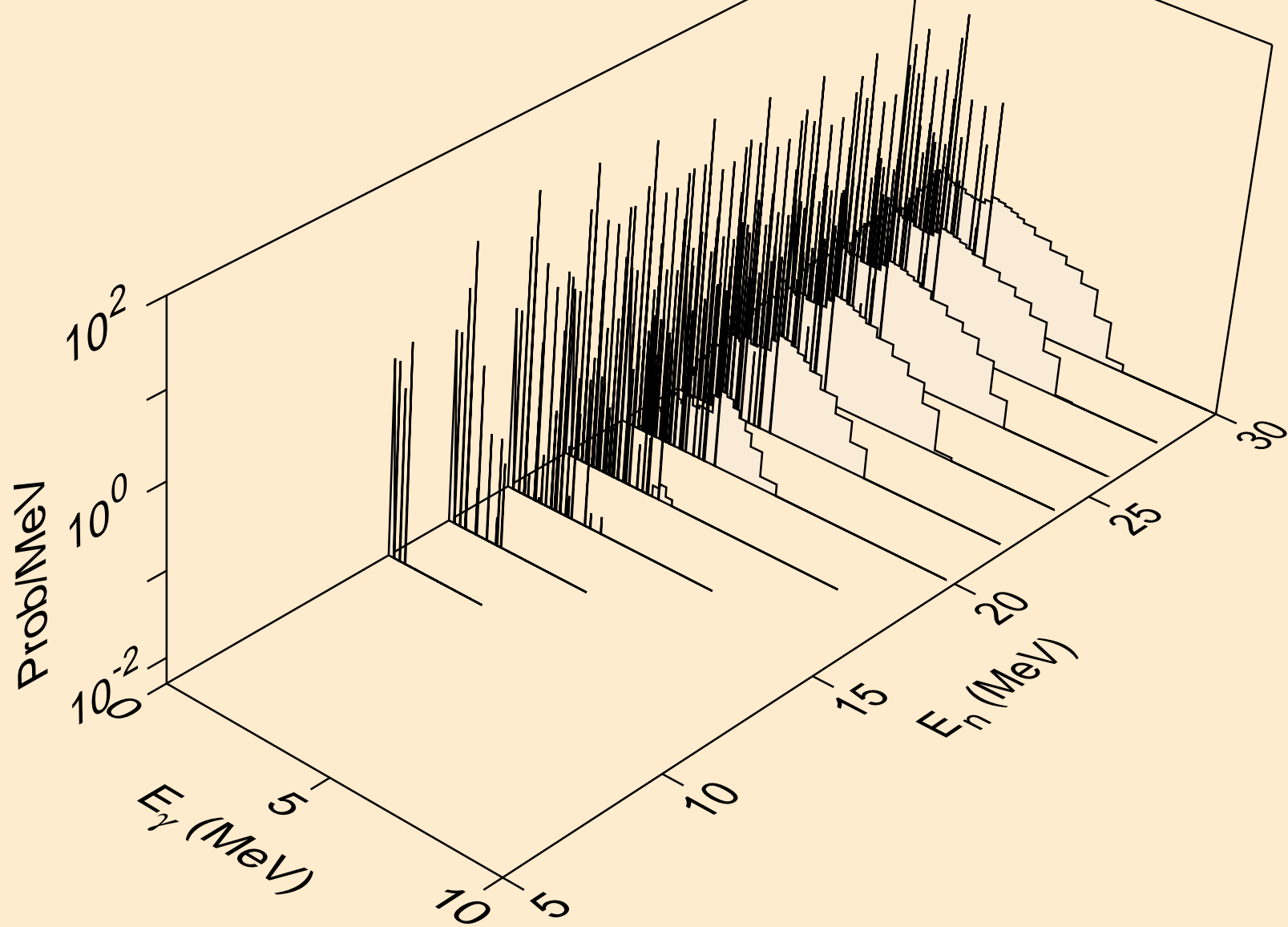


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Photon emission for (n,d2a)

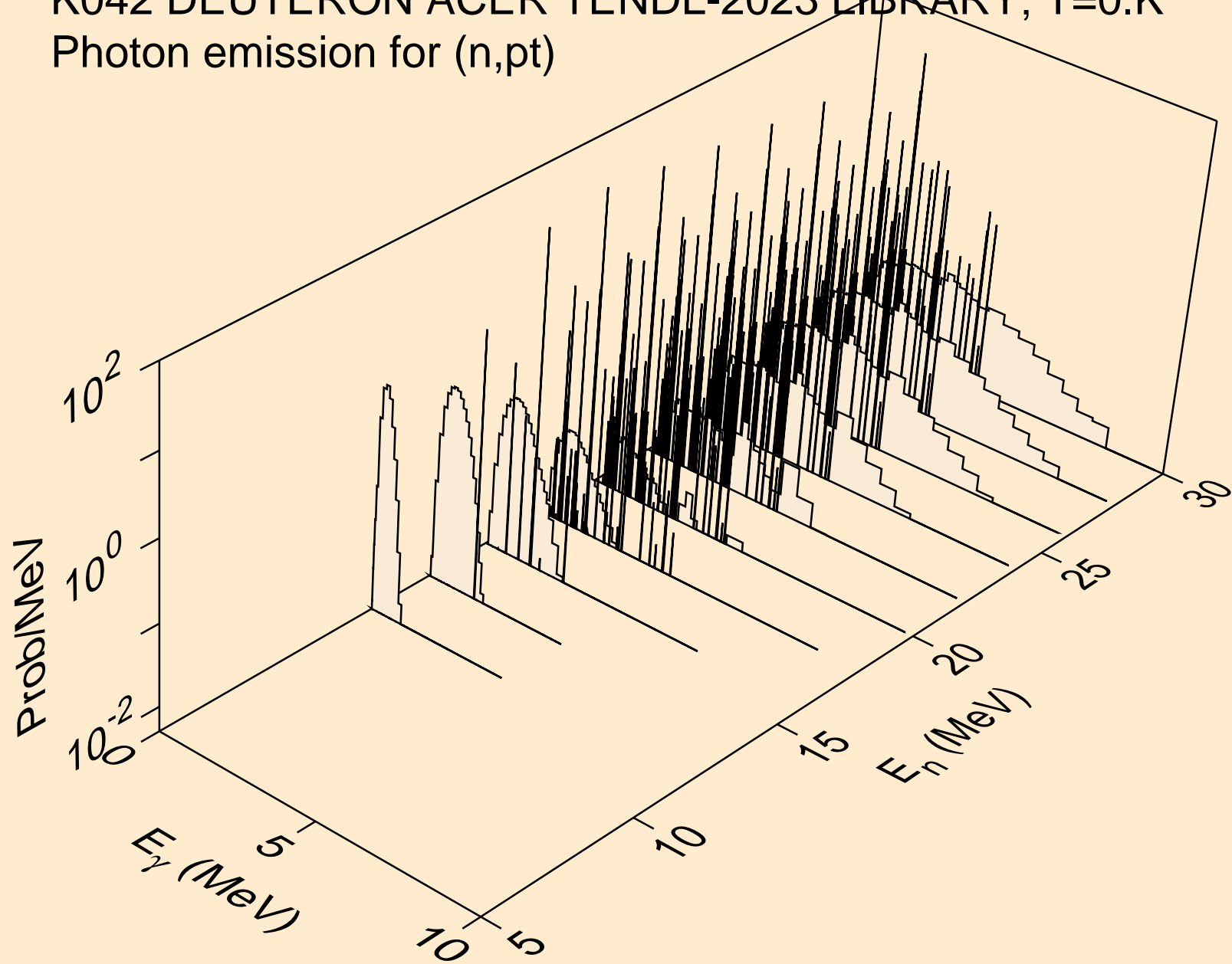




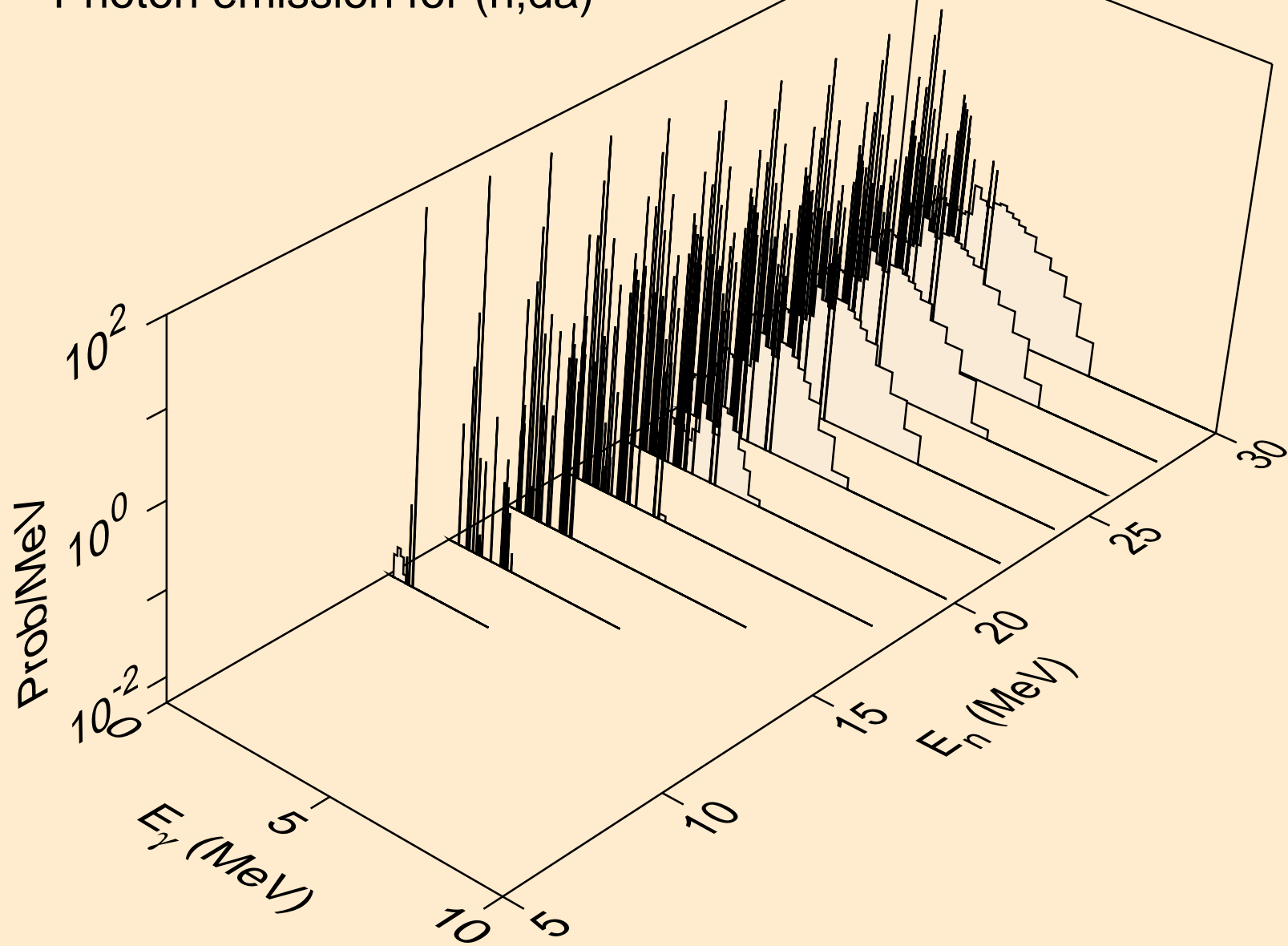
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

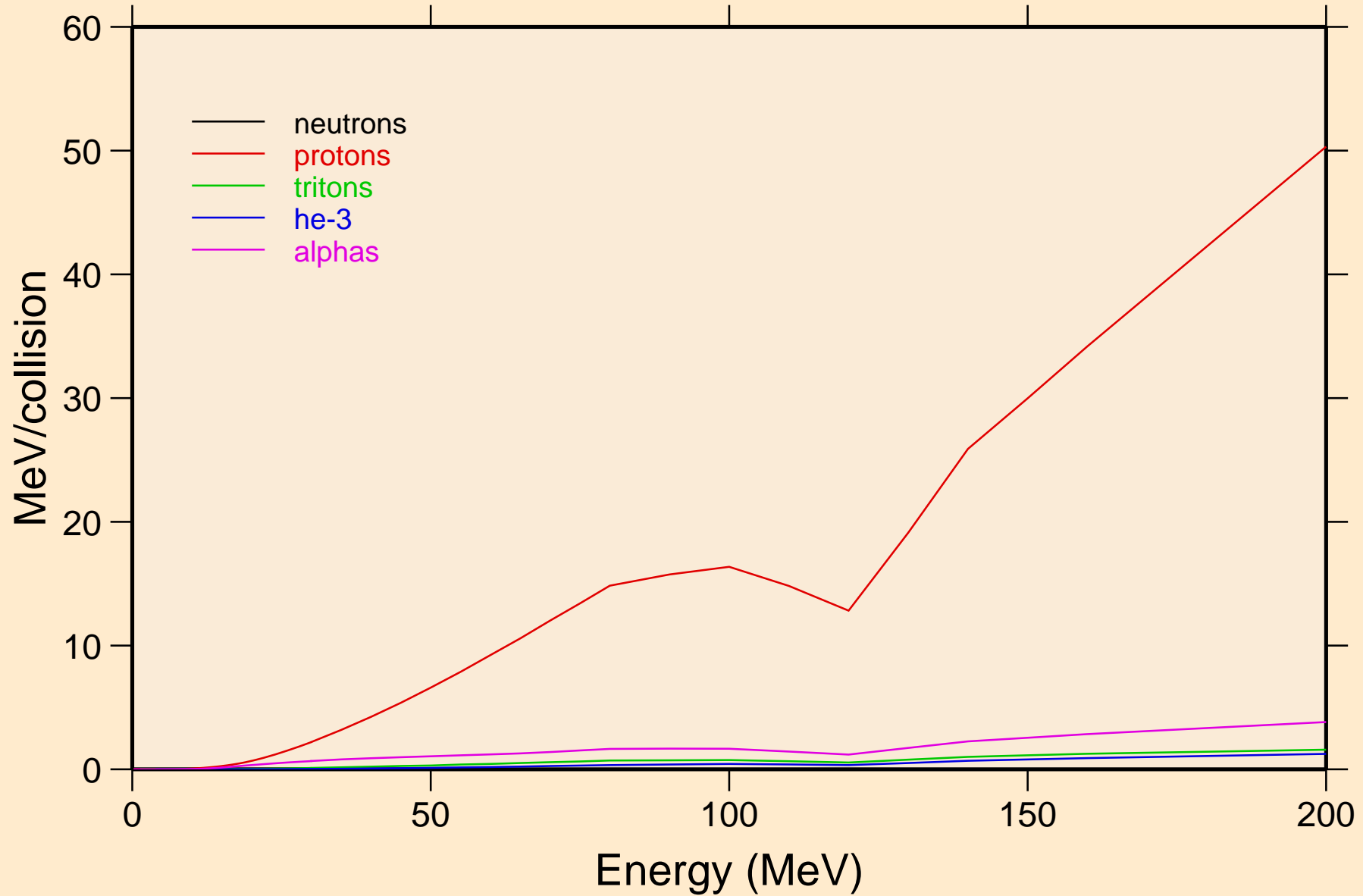


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Photon emission for (n,da)

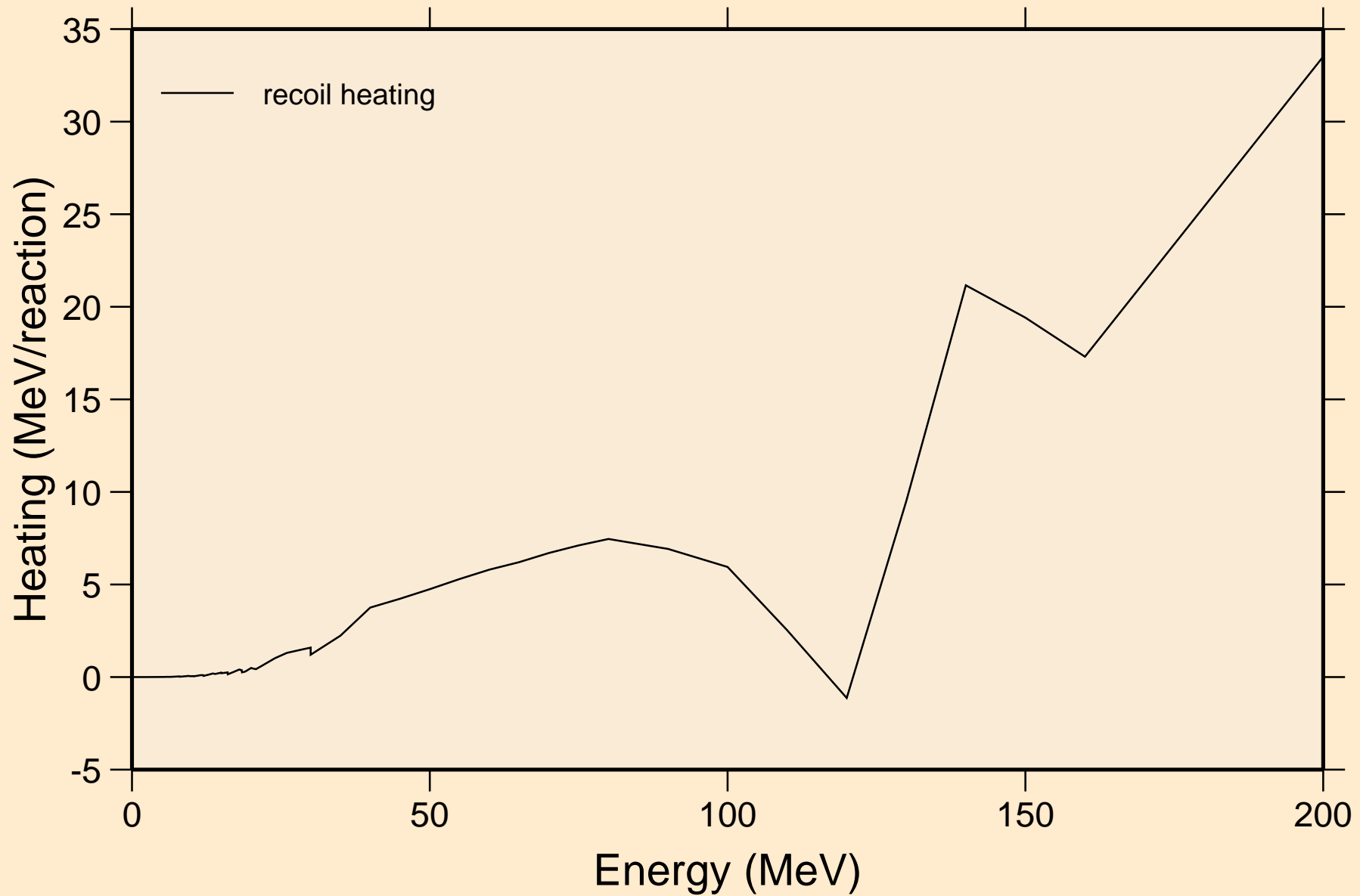


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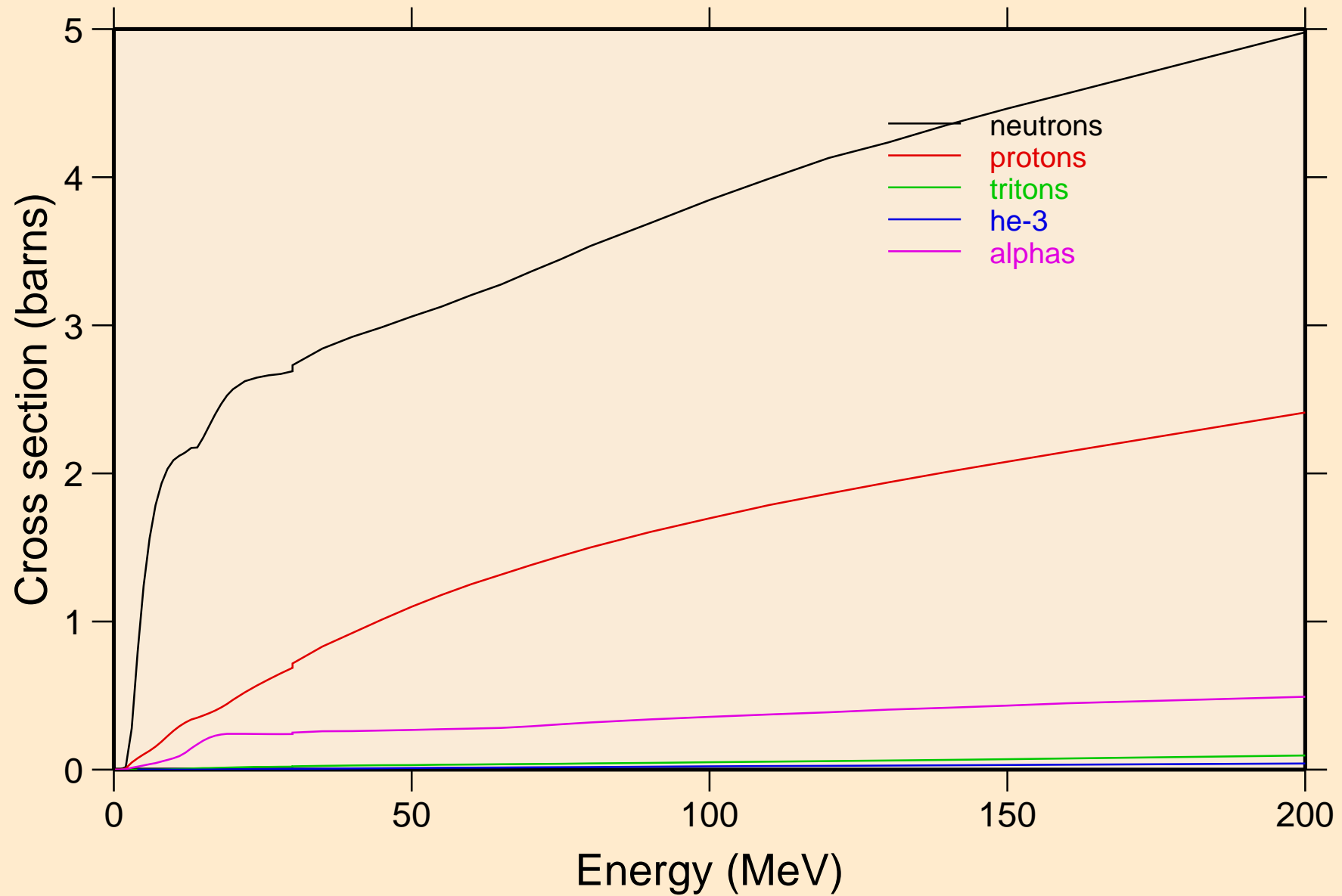
## Particle heating contributions



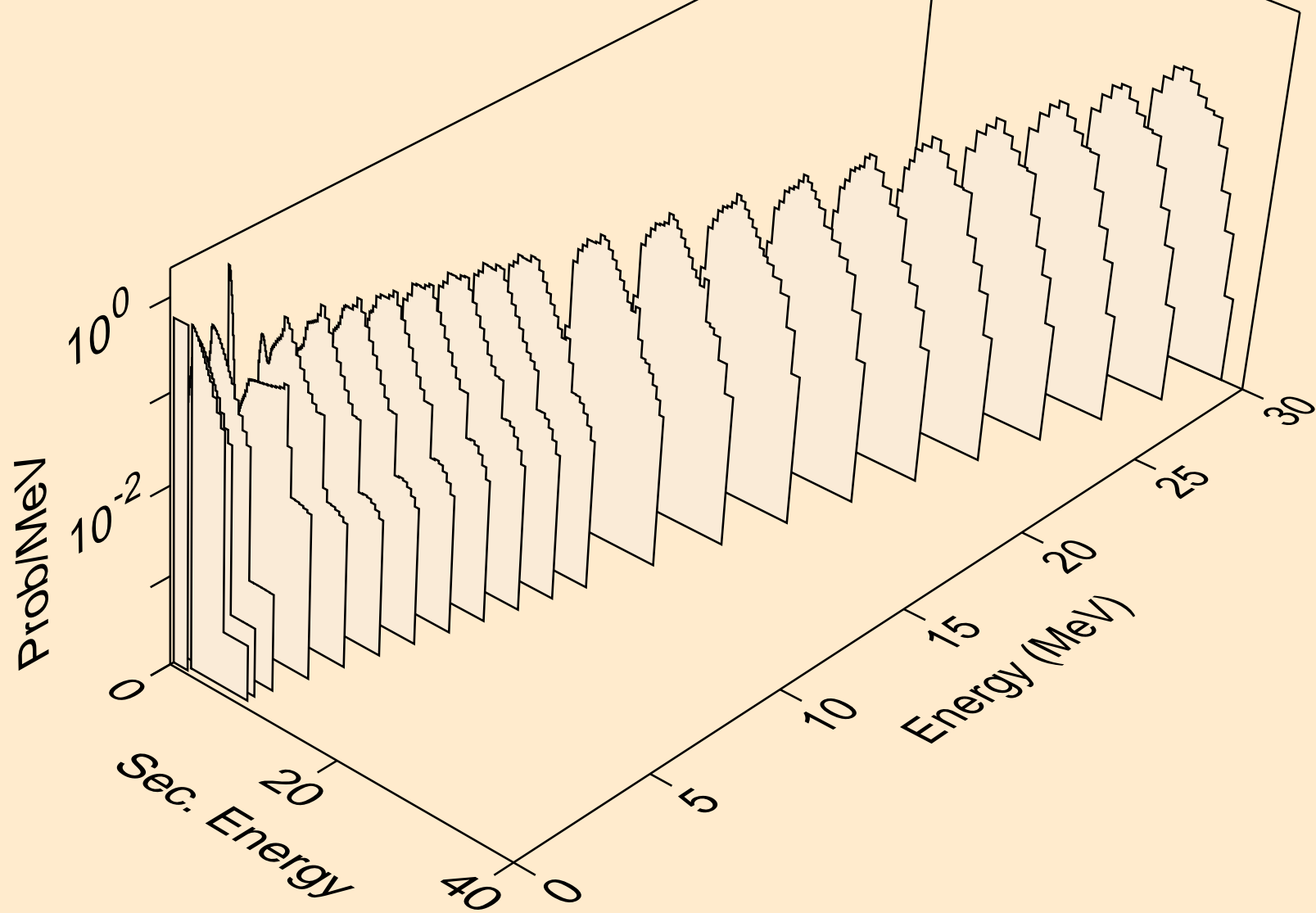
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Recoil Heating



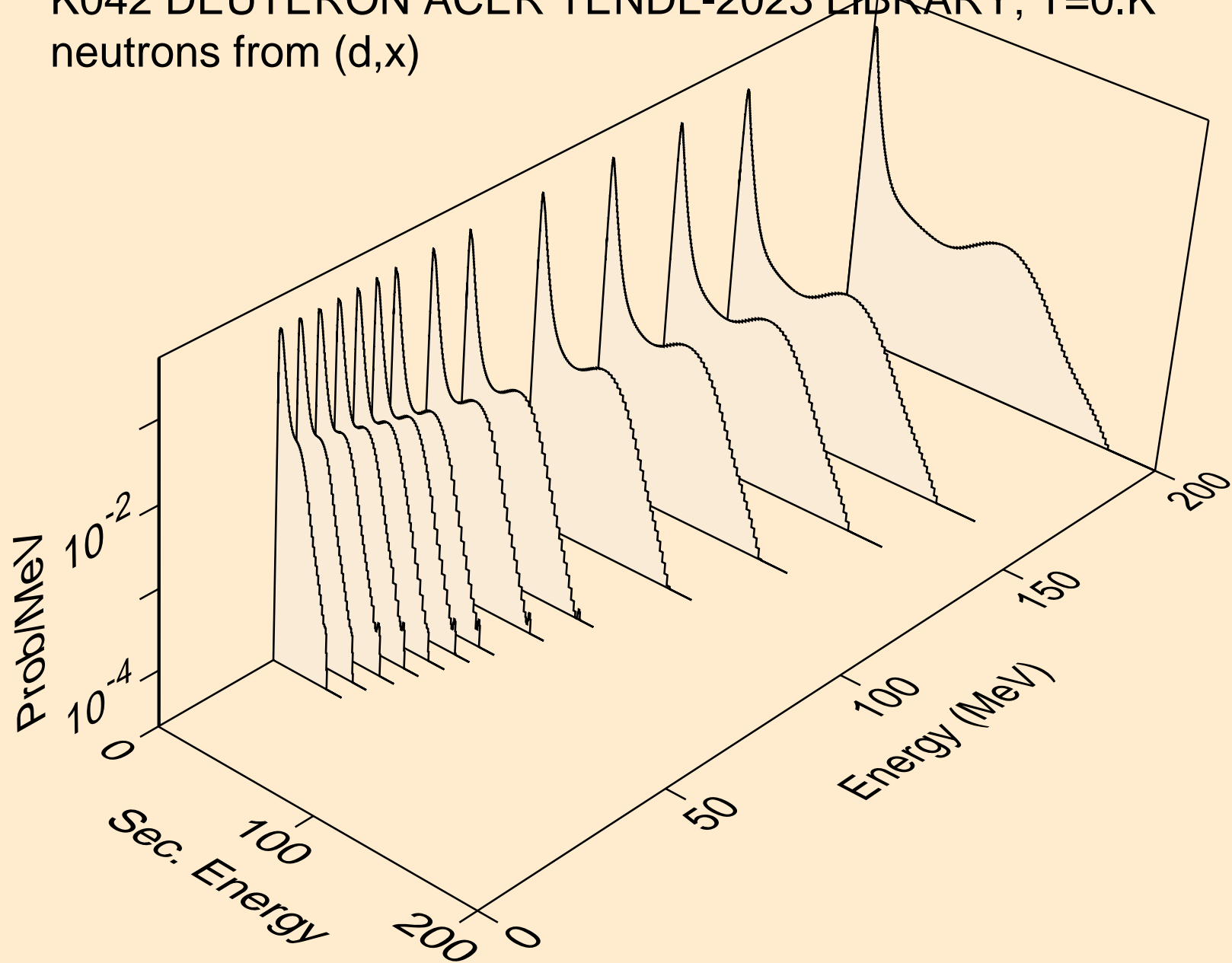
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n)

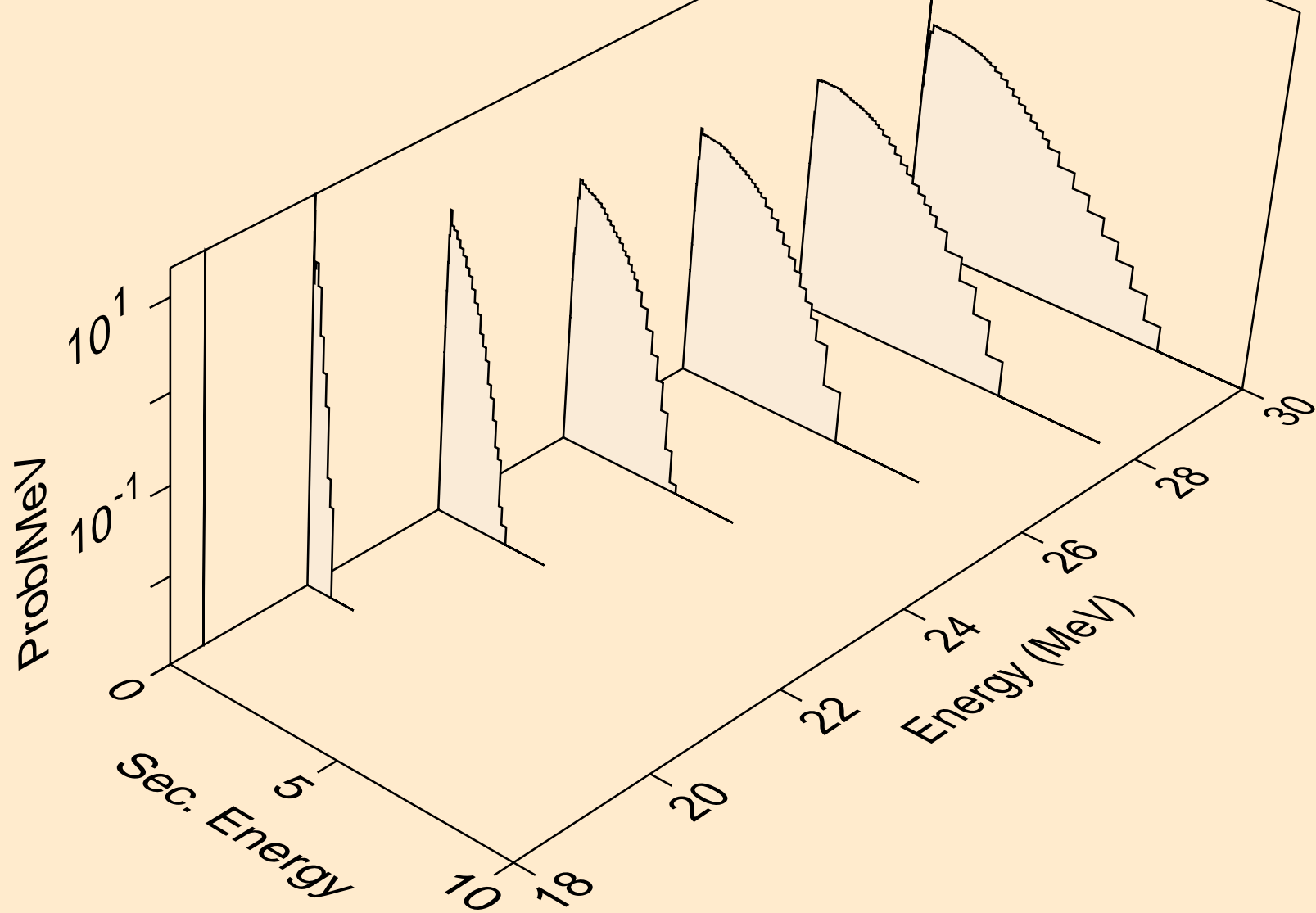


K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,x)

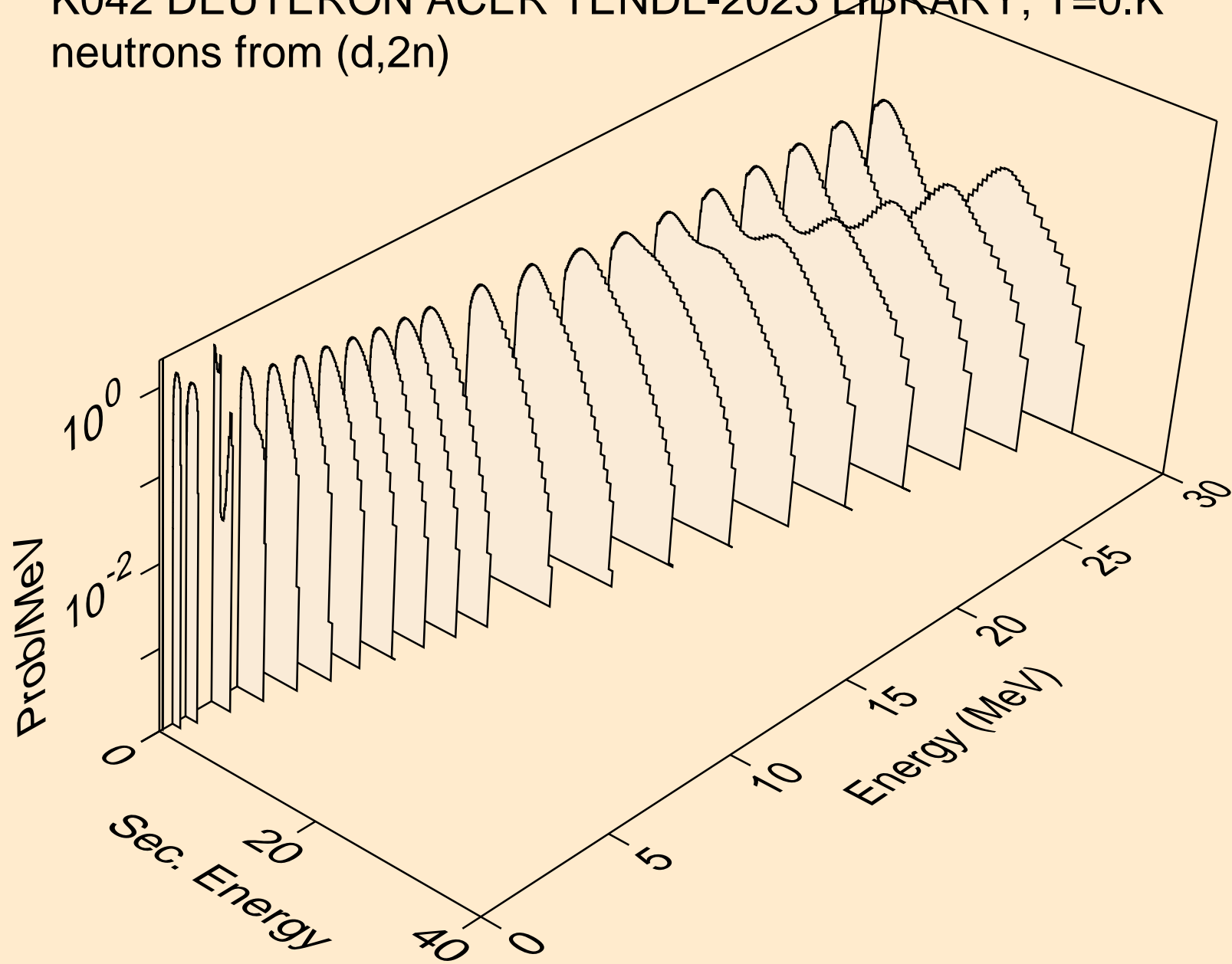




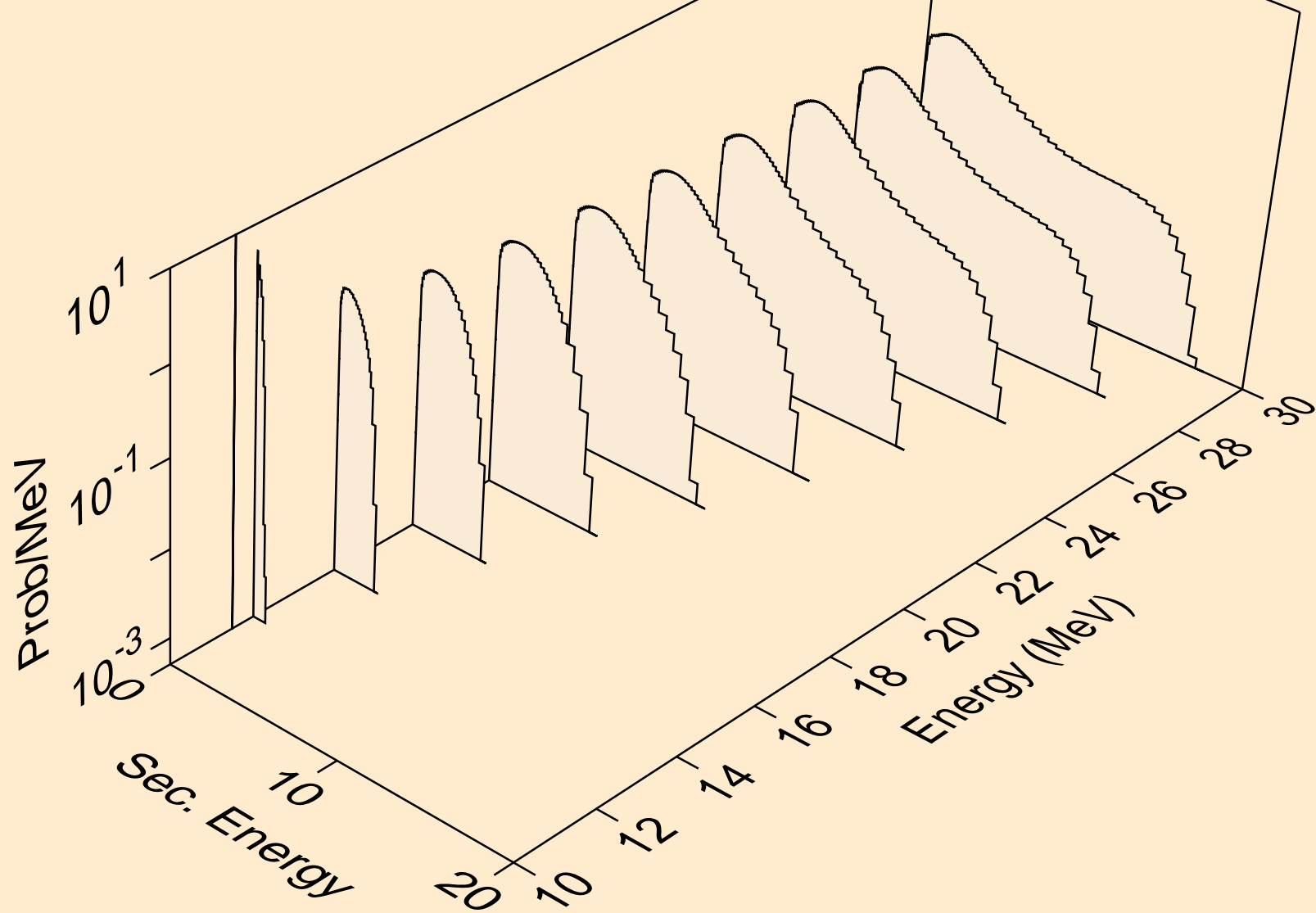
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neutrons from (d,2nd)



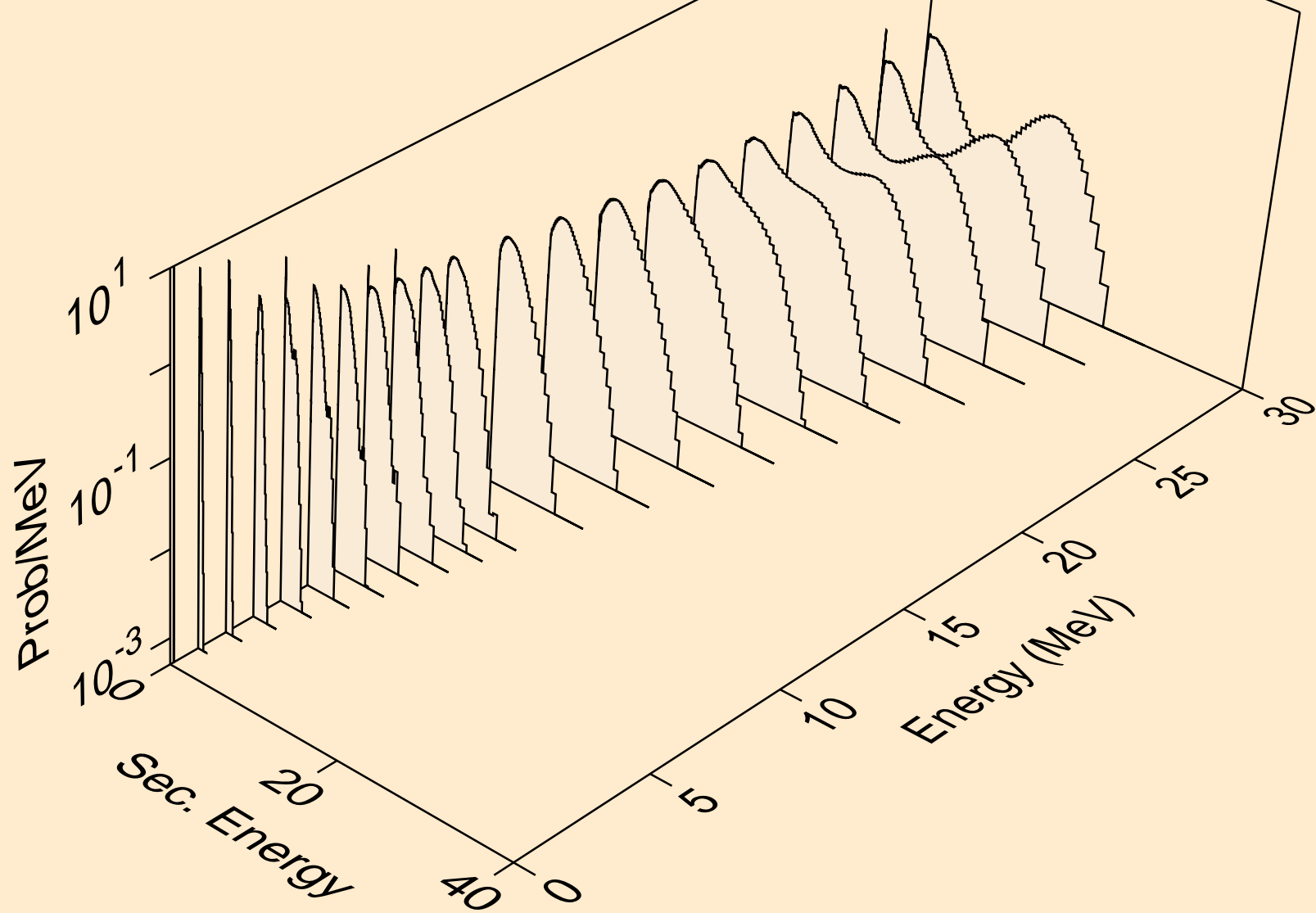
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neutrons from (d,2n)



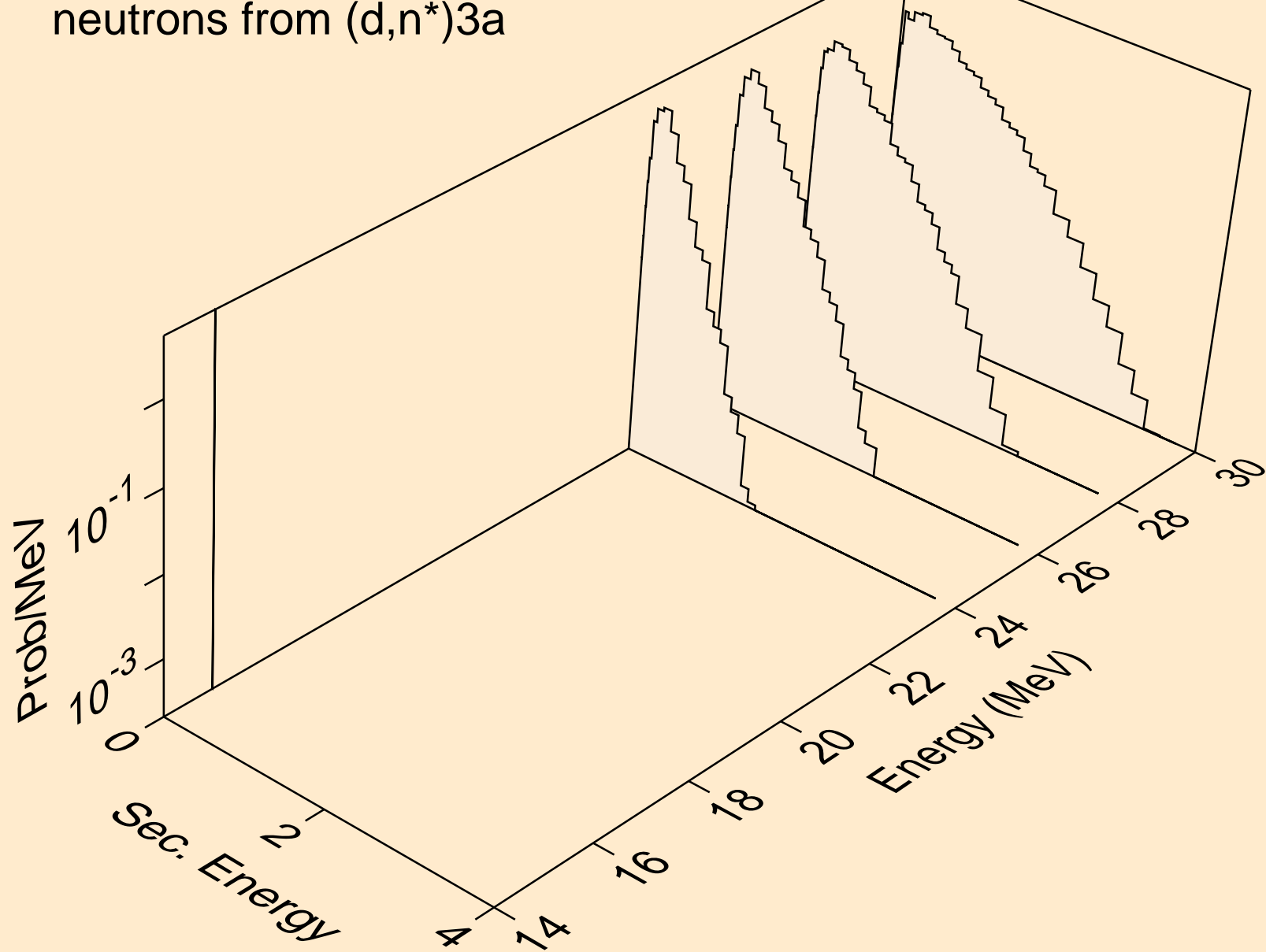
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neutrons from (d,3n)



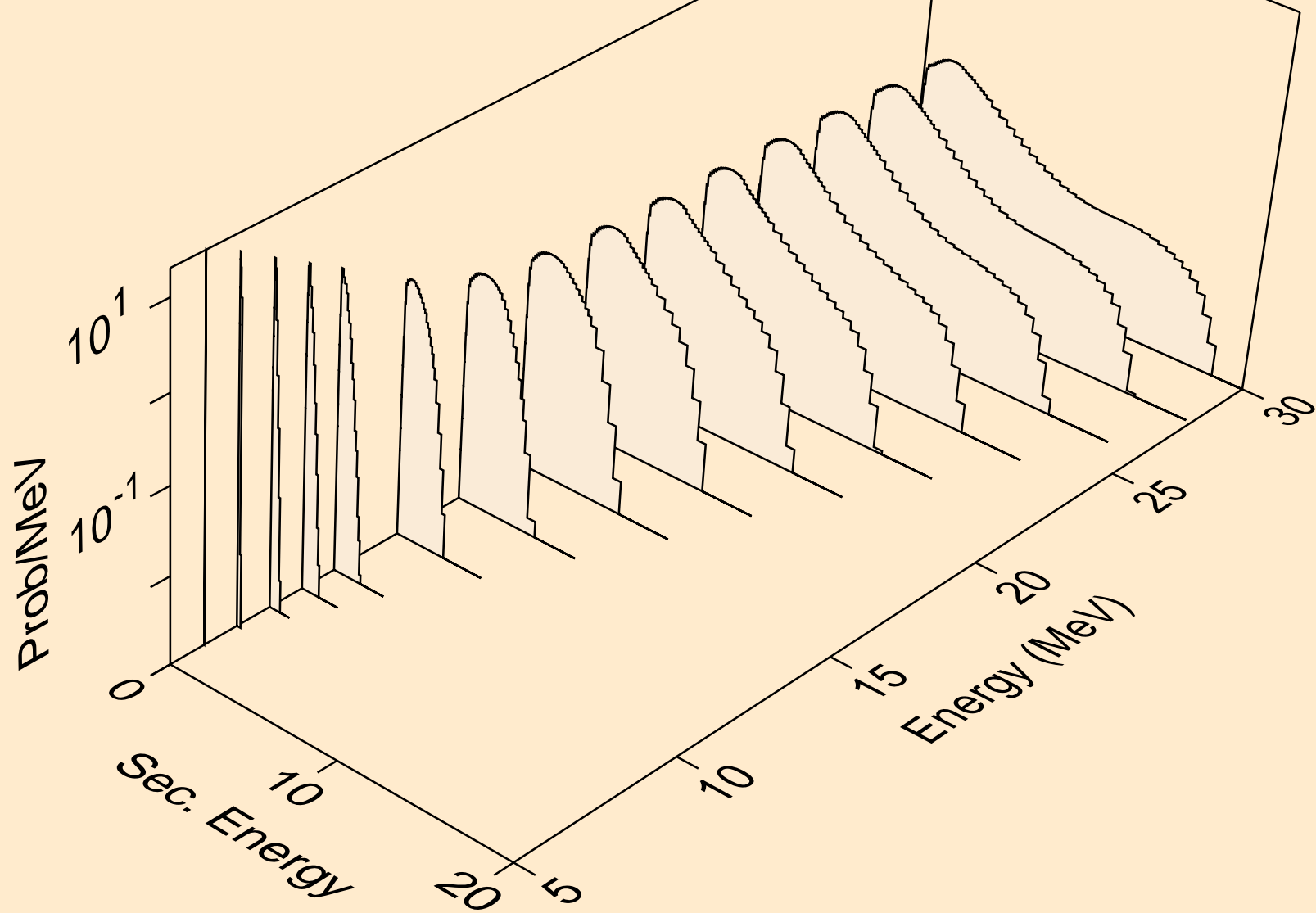
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neutrons from (d,n\*)a



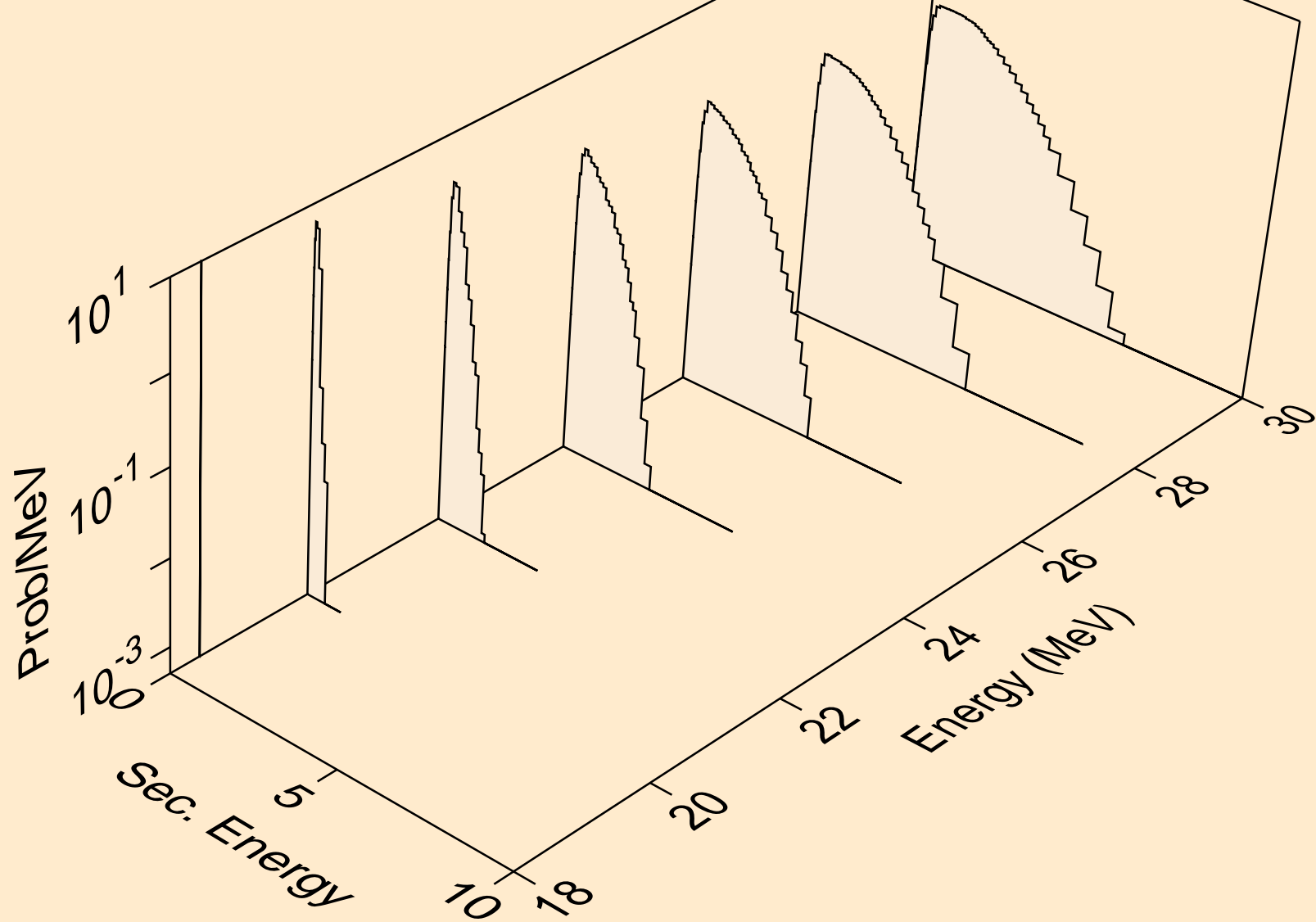
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neutrons from (d,n\*)3a



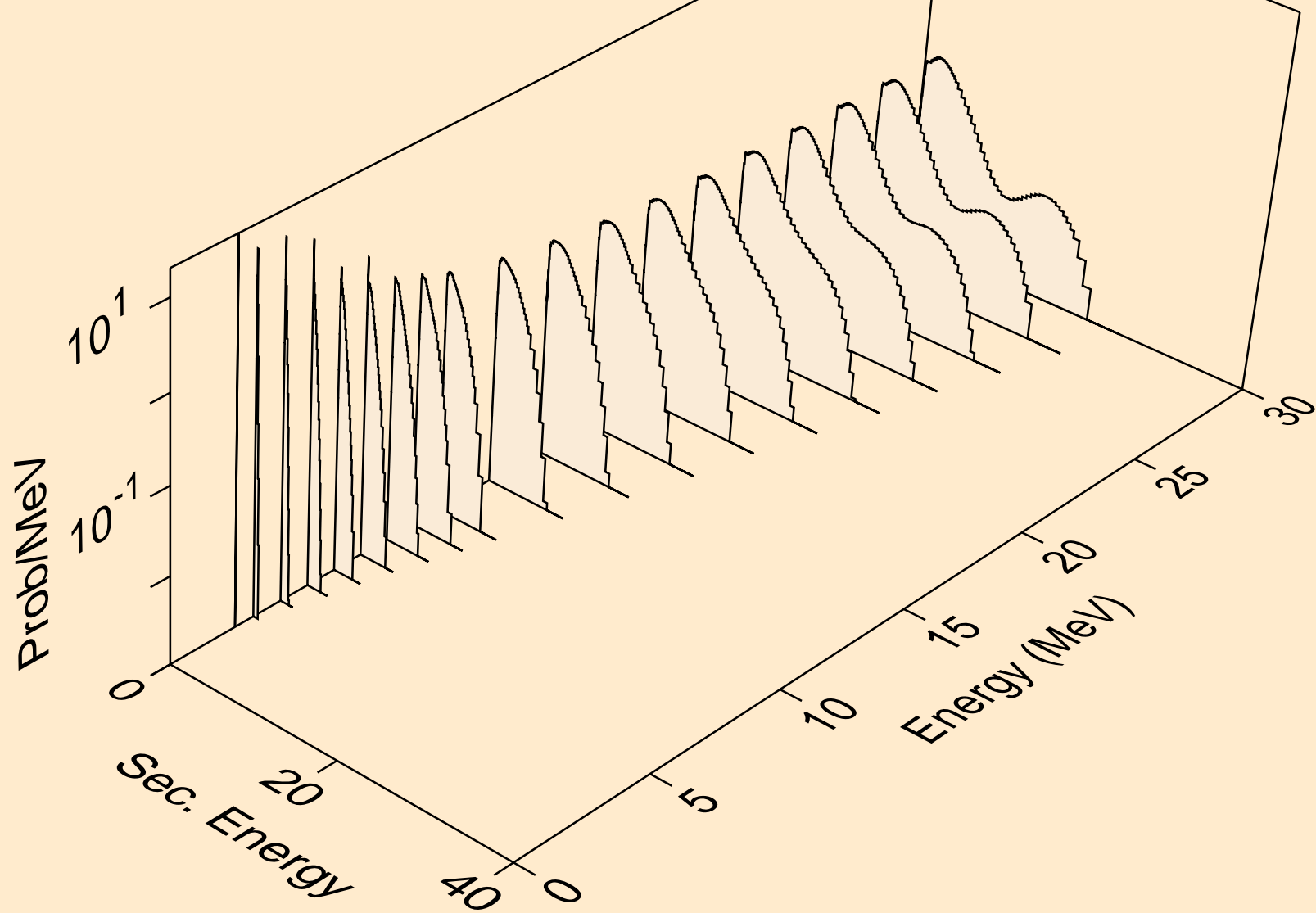
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neutrons from (d,2n)a



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3n)a

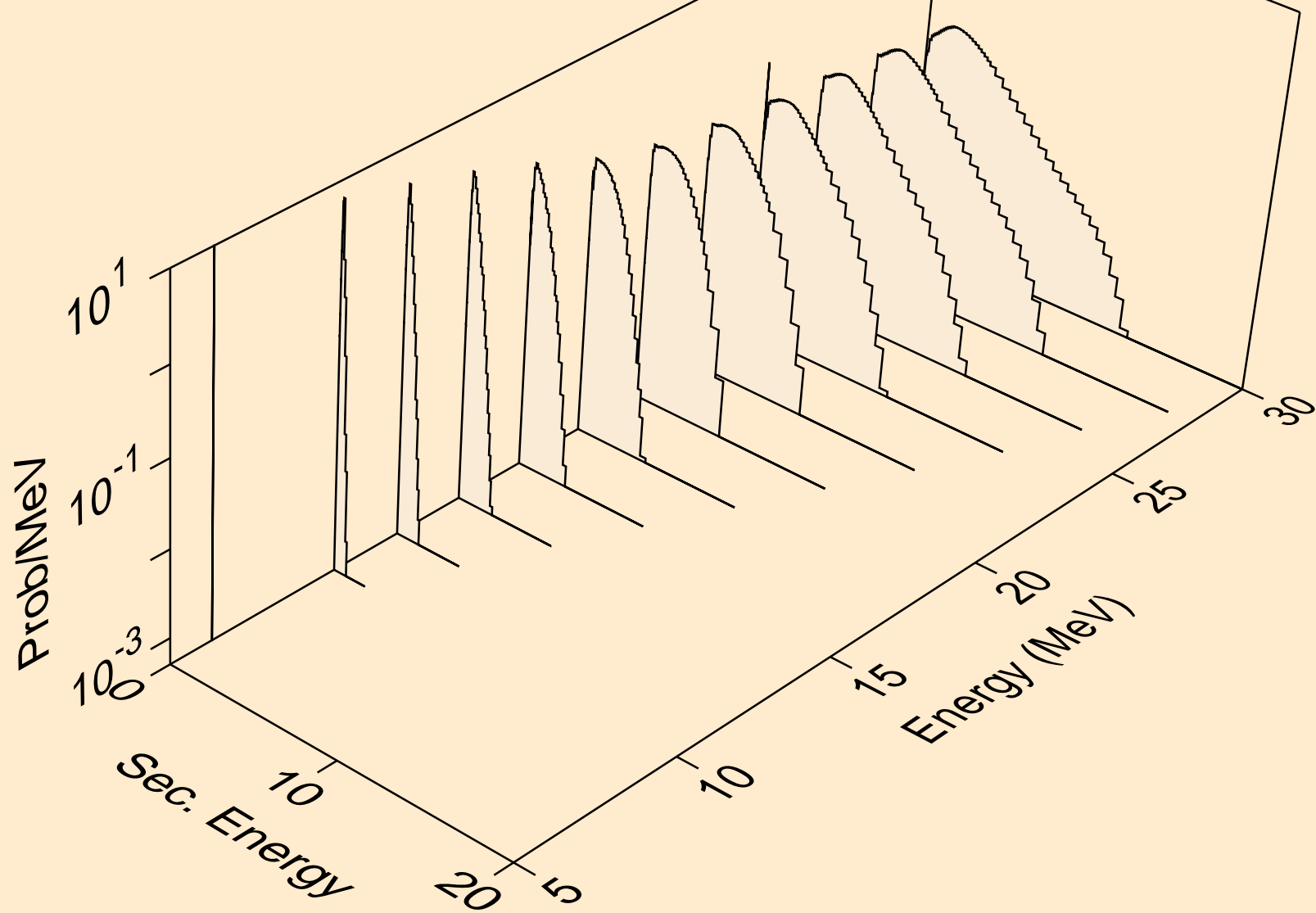


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neutrons from (d,n\*)p

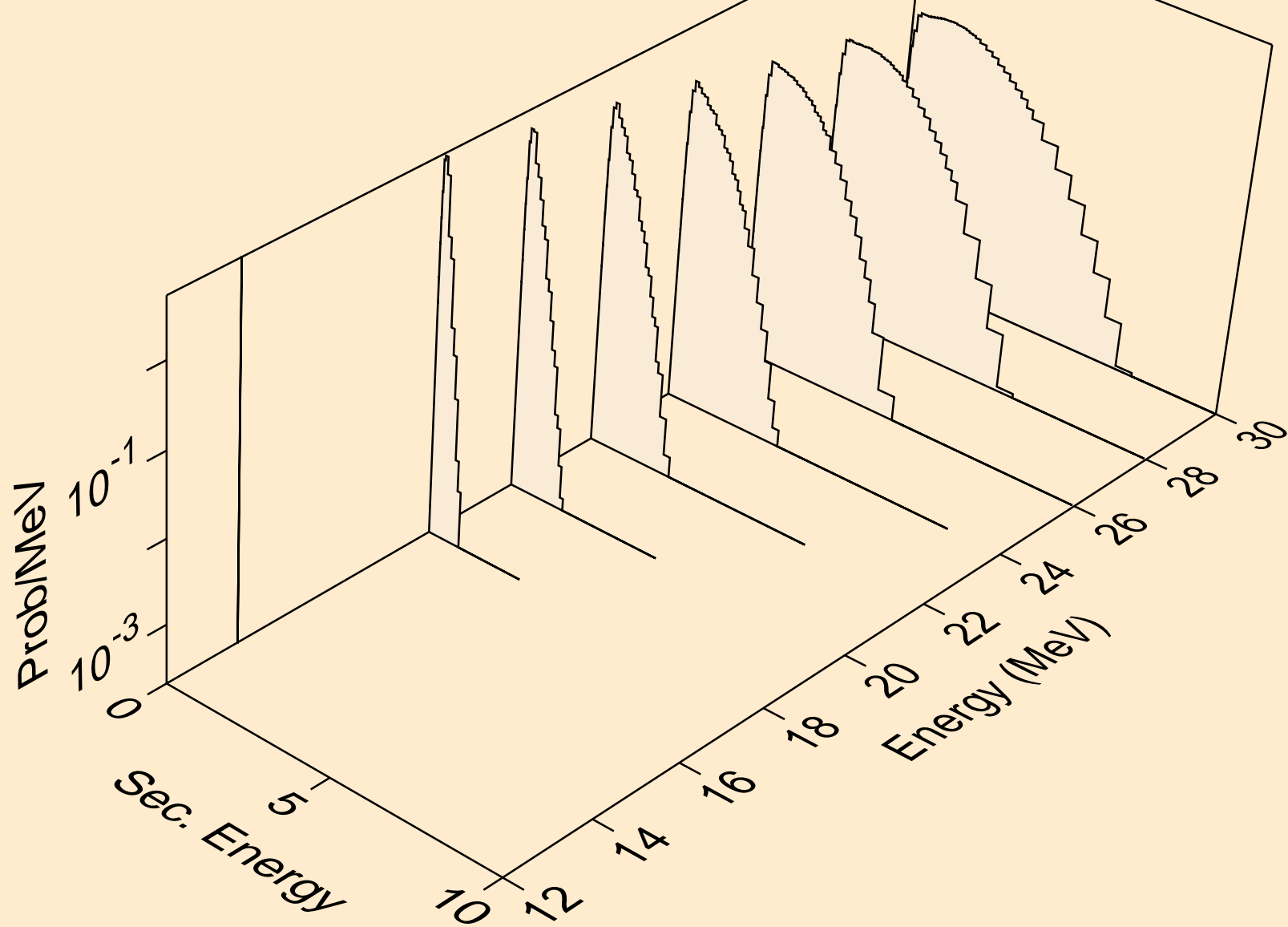




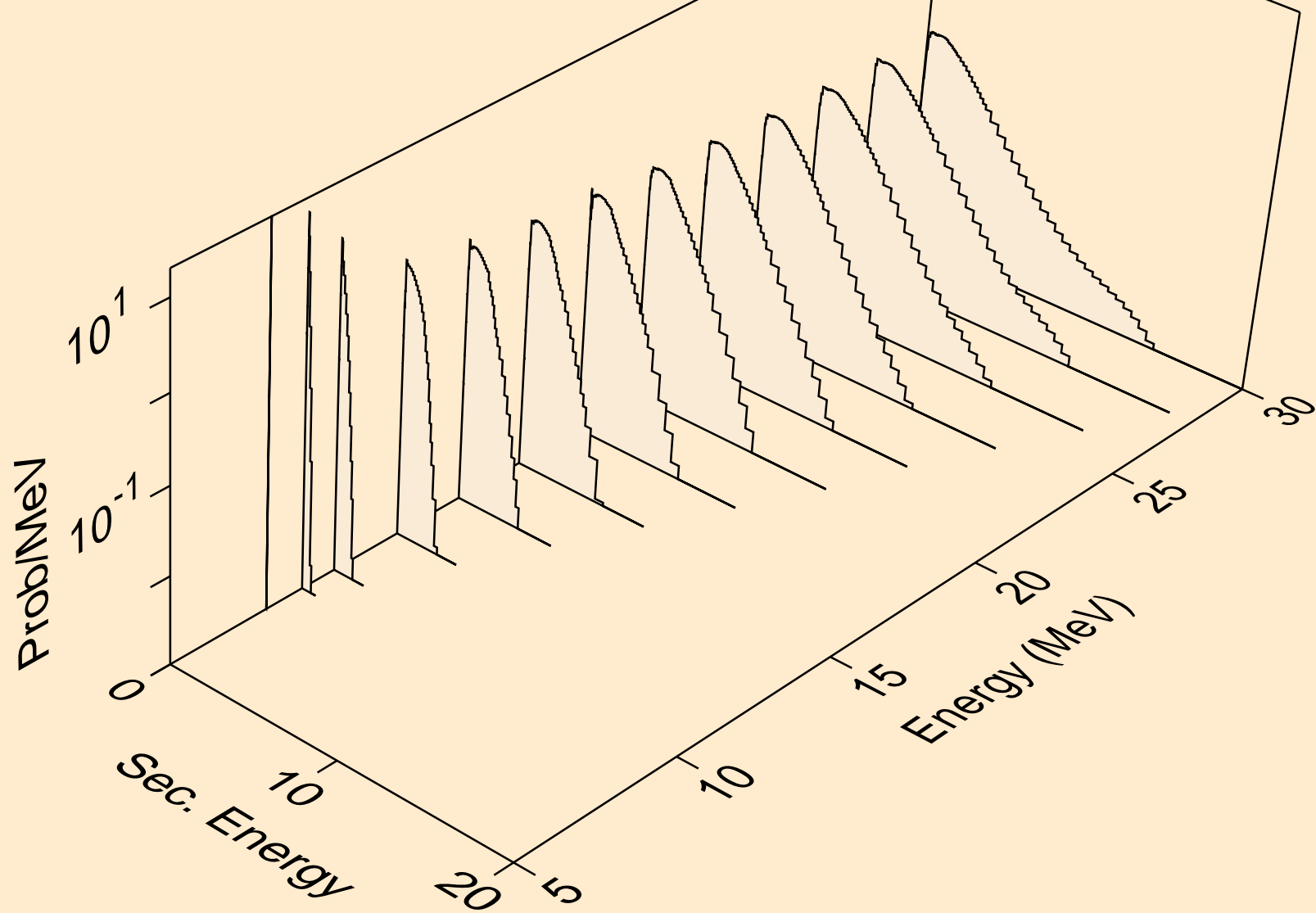
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neutrons from (d,n\*)2a



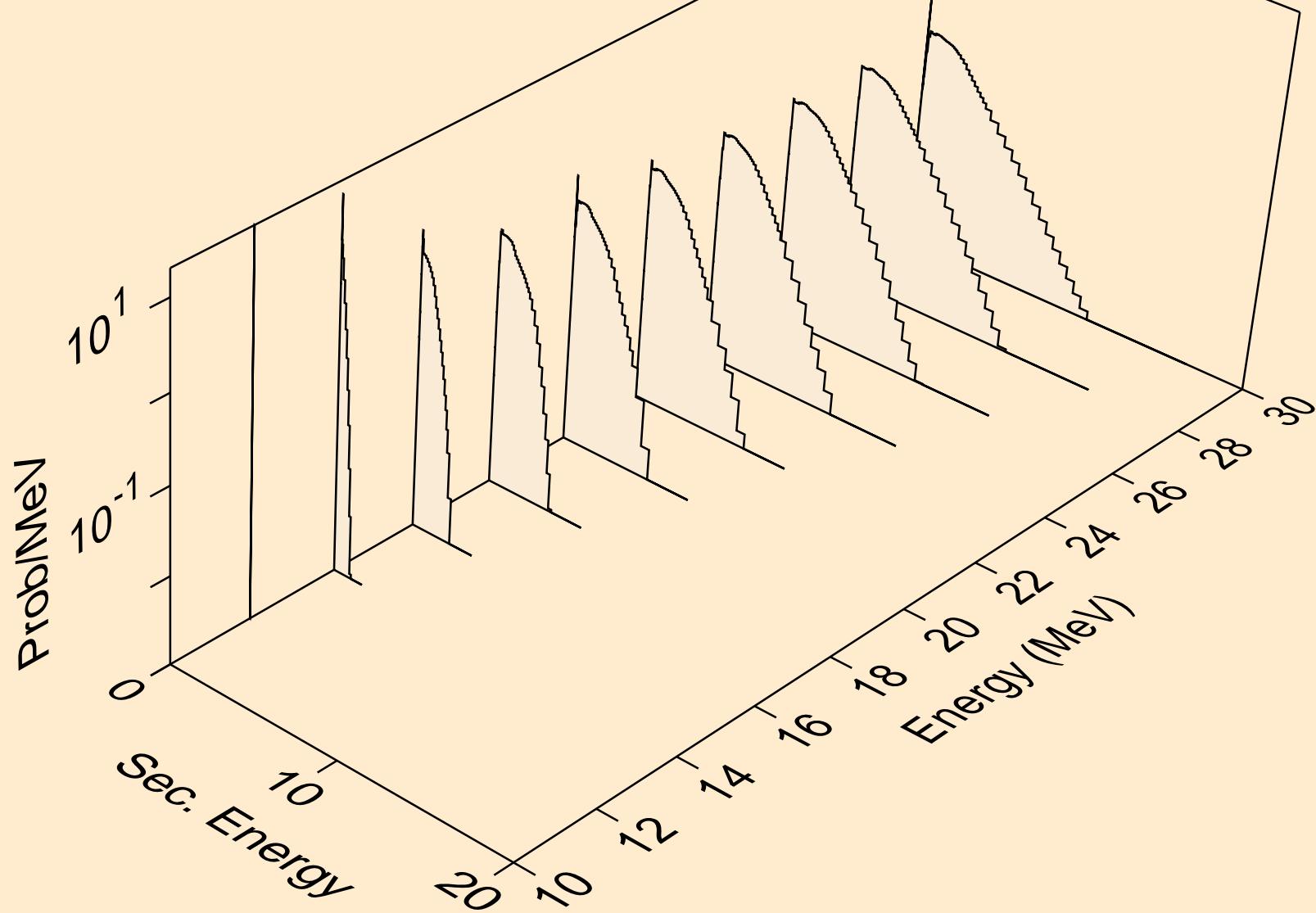
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2n)2a



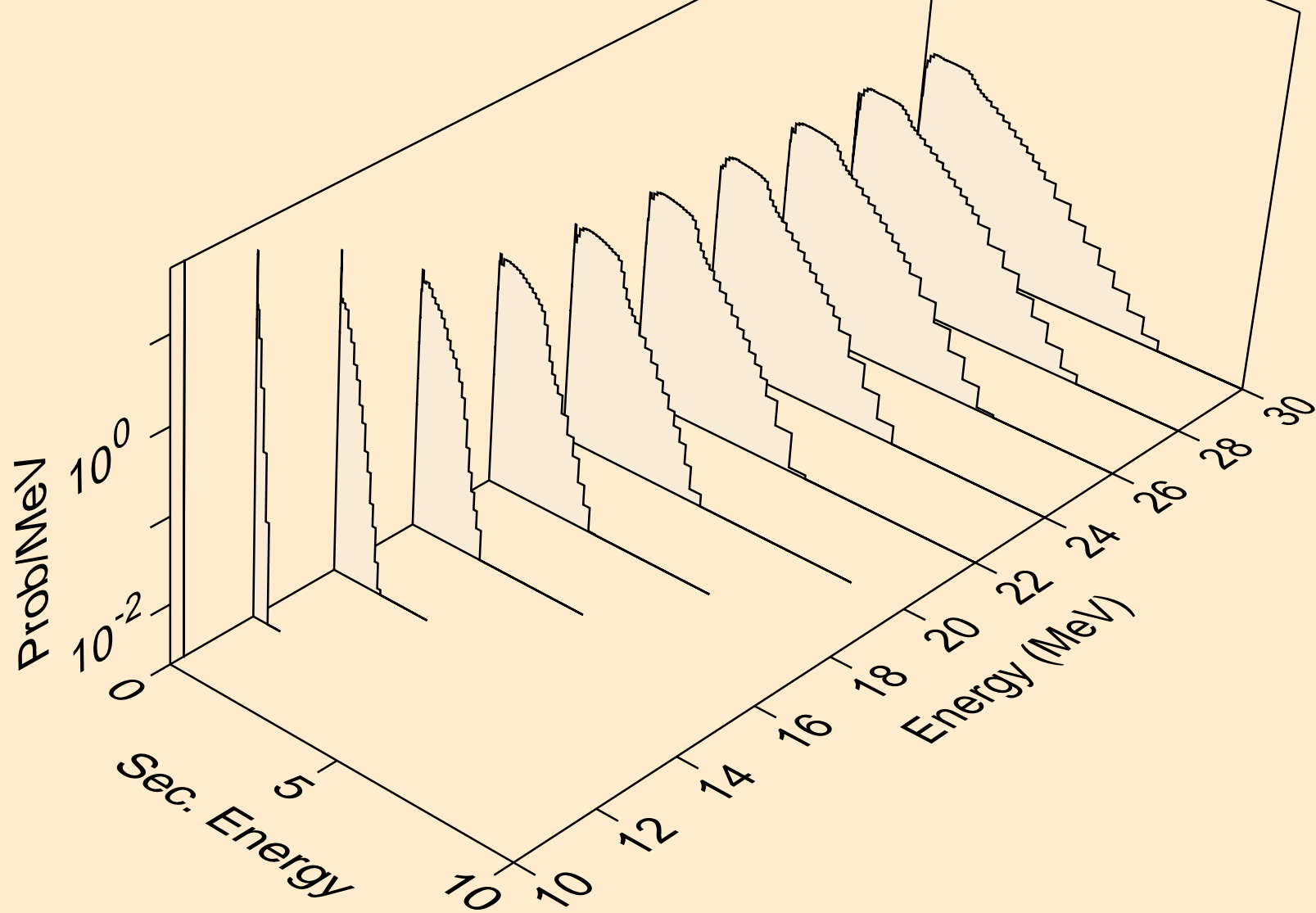
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)d



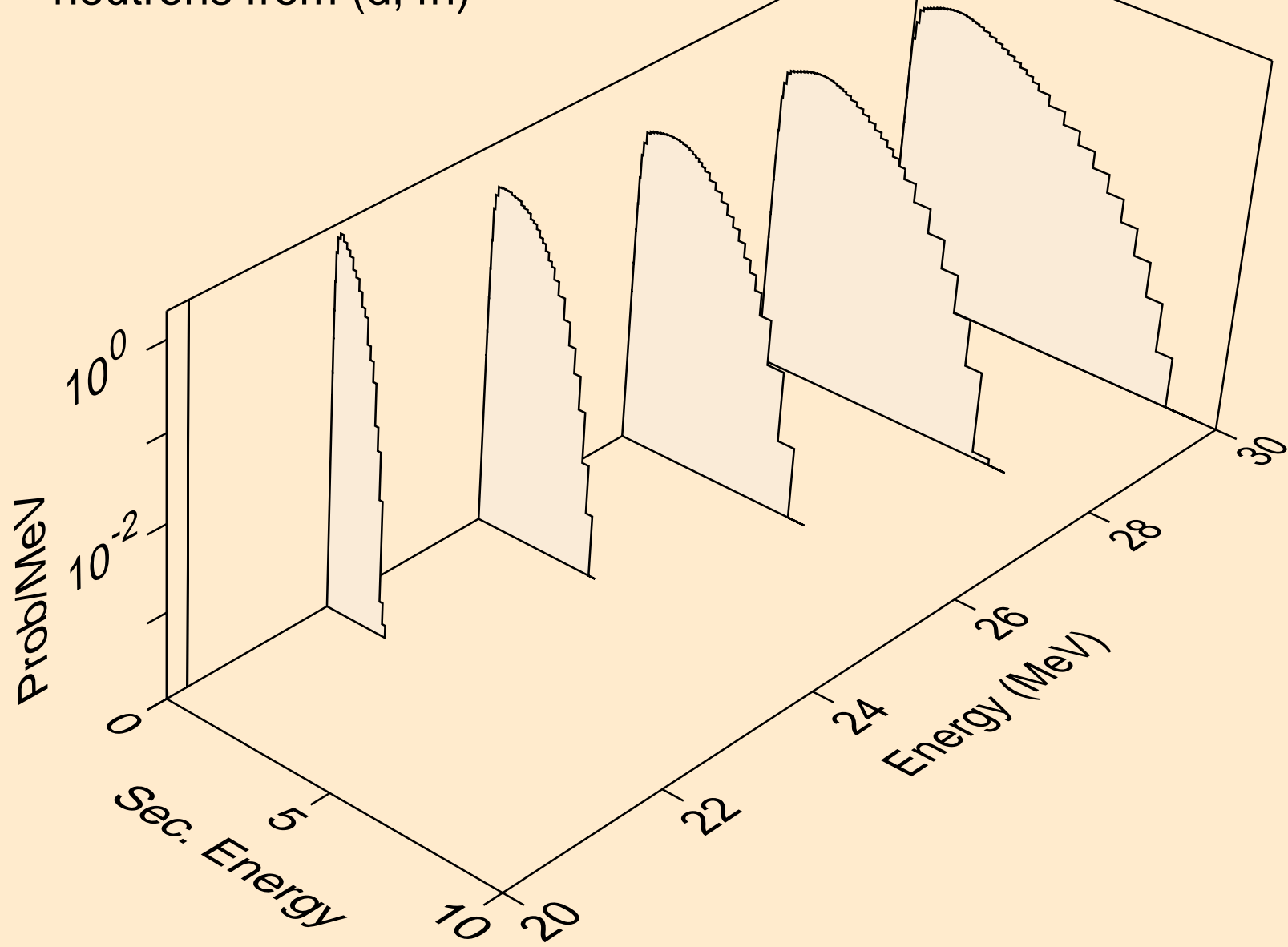
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)t



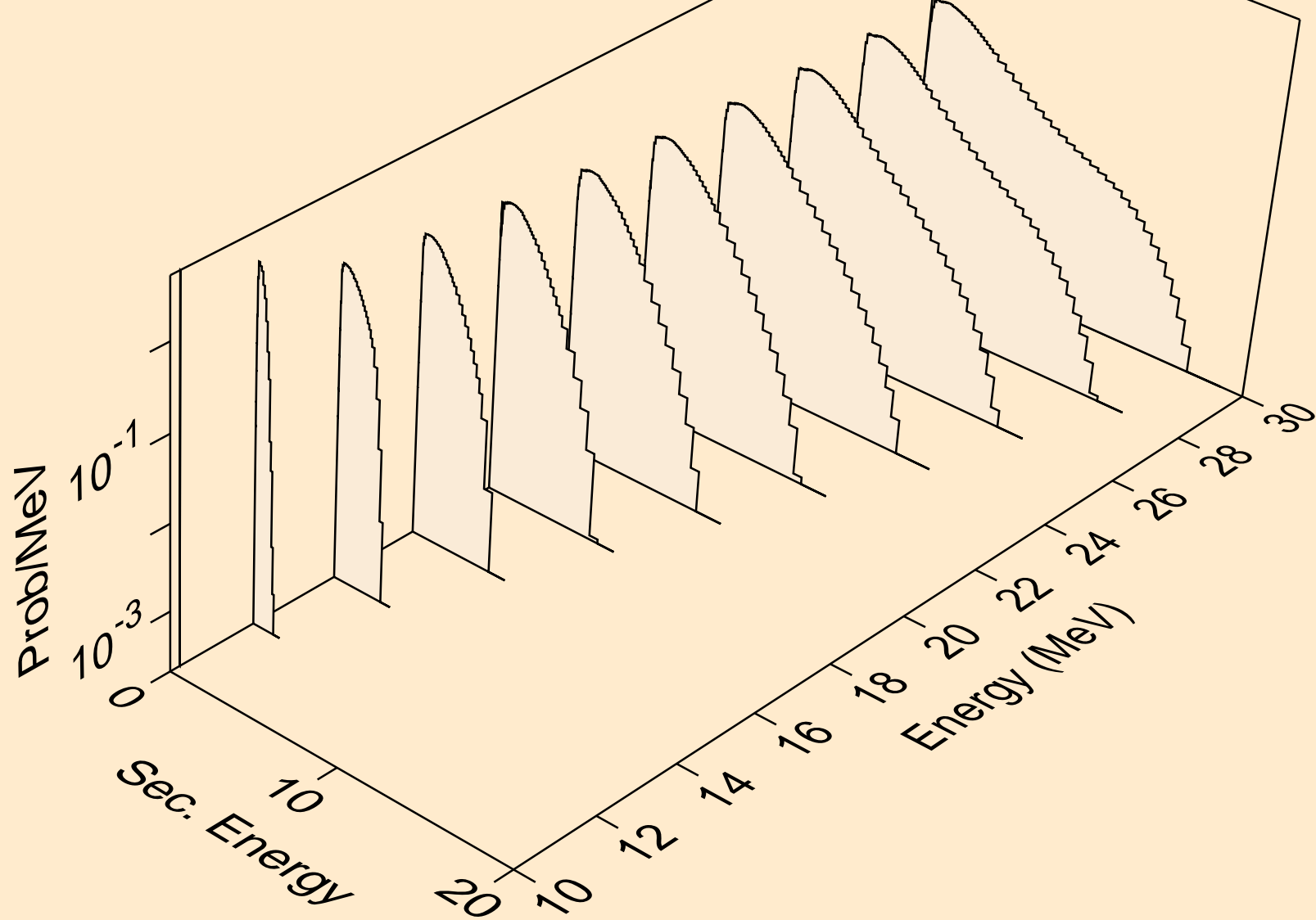
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)he3



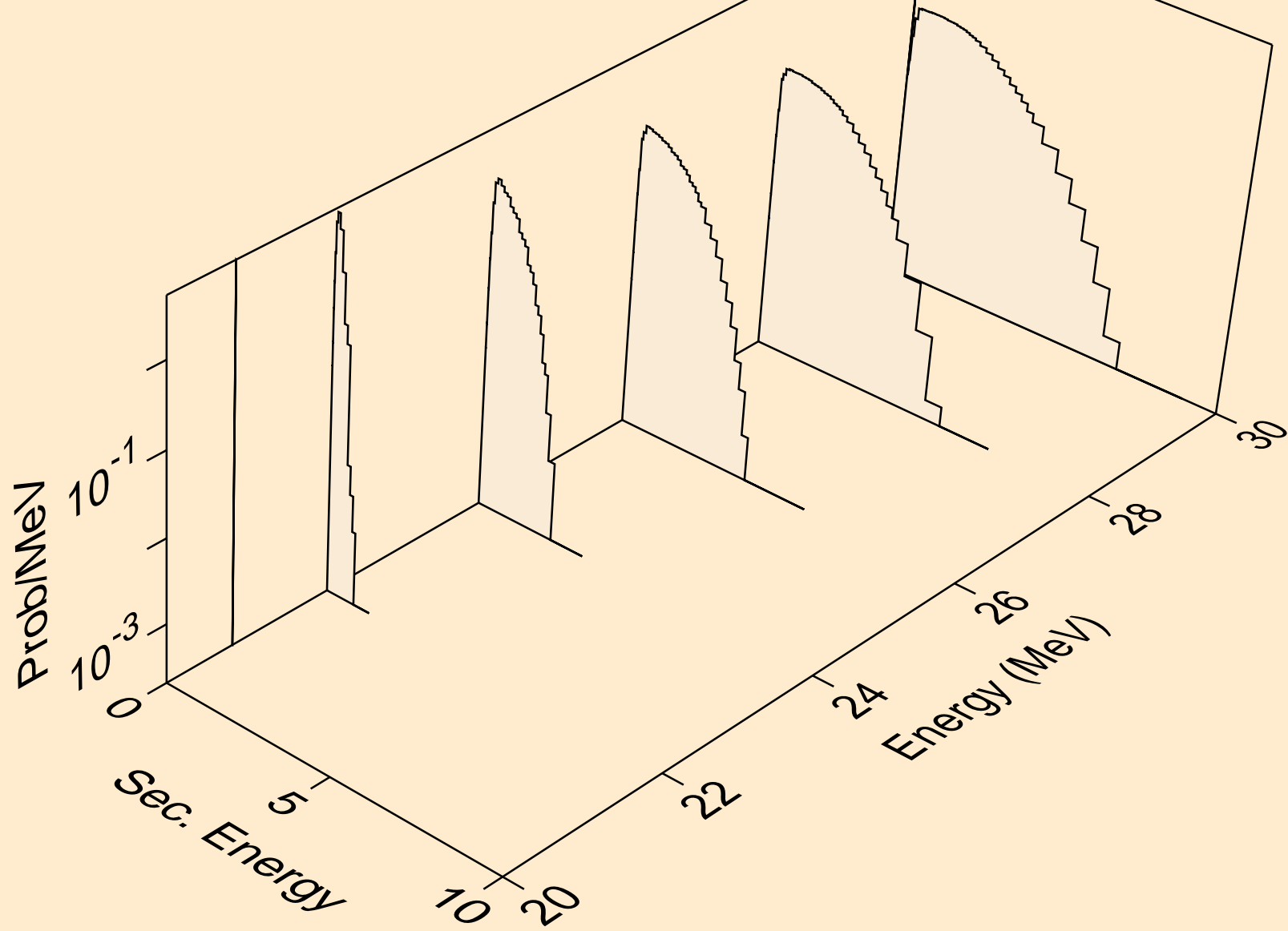
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,4n)



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2np)

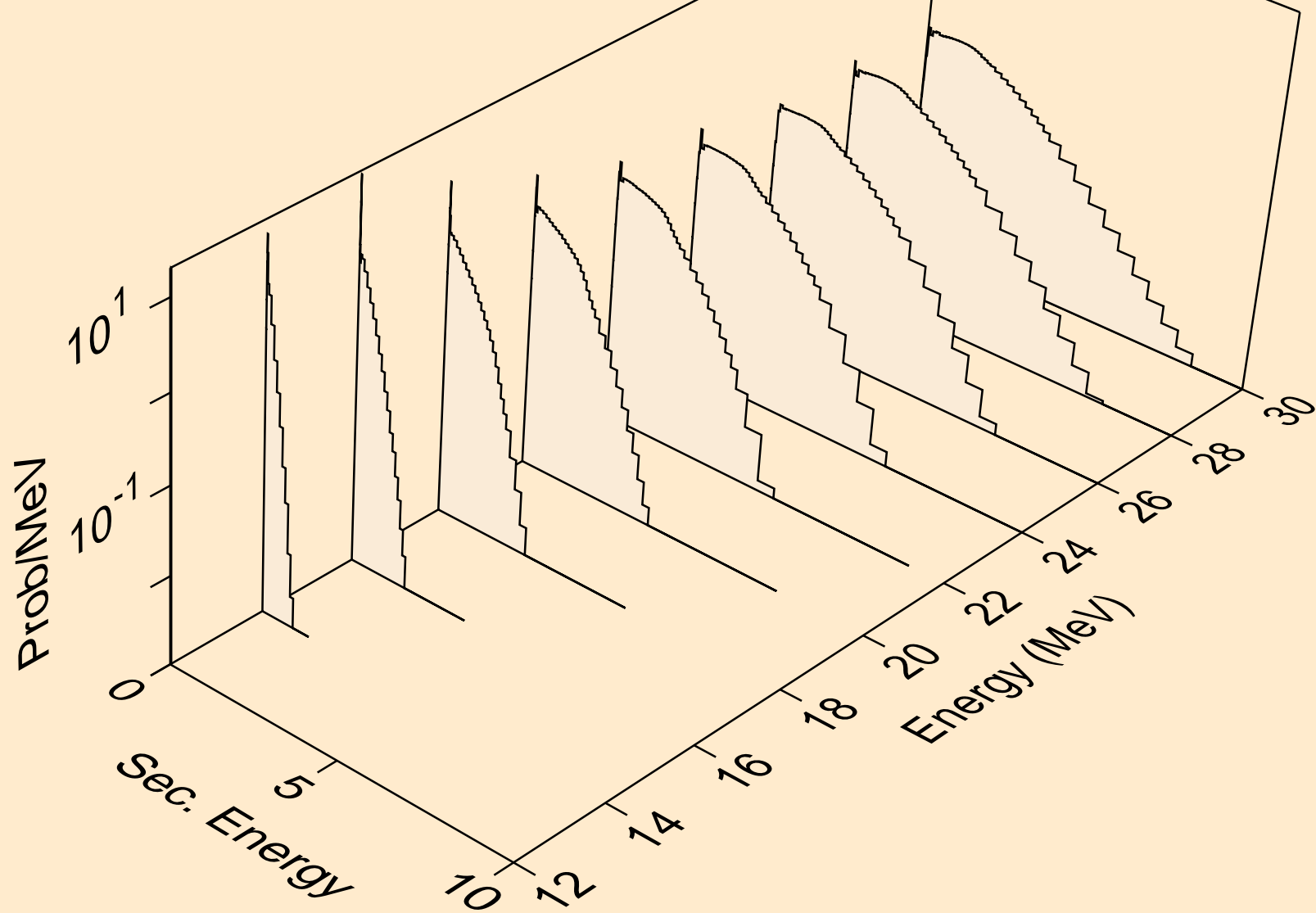


K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3np)

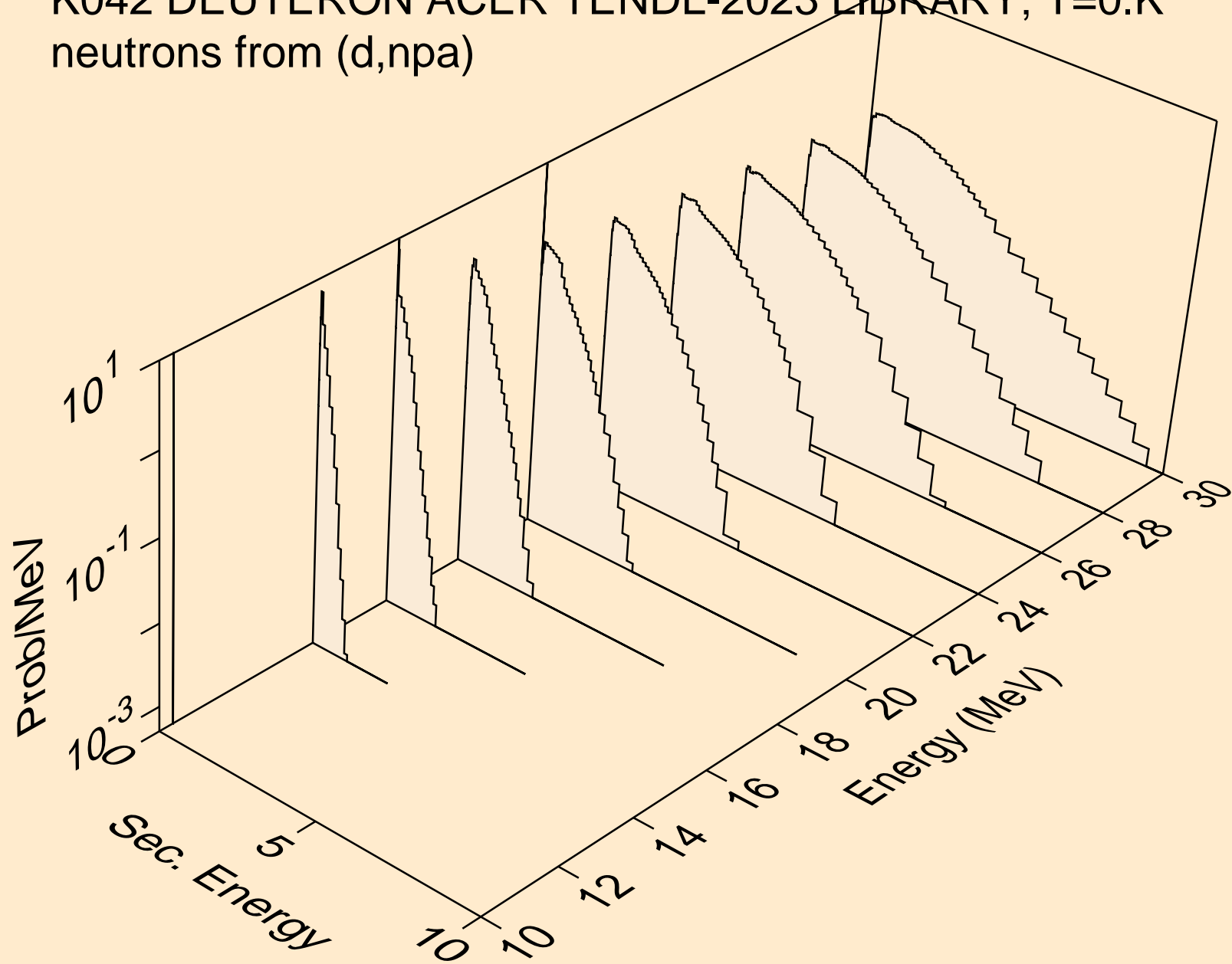




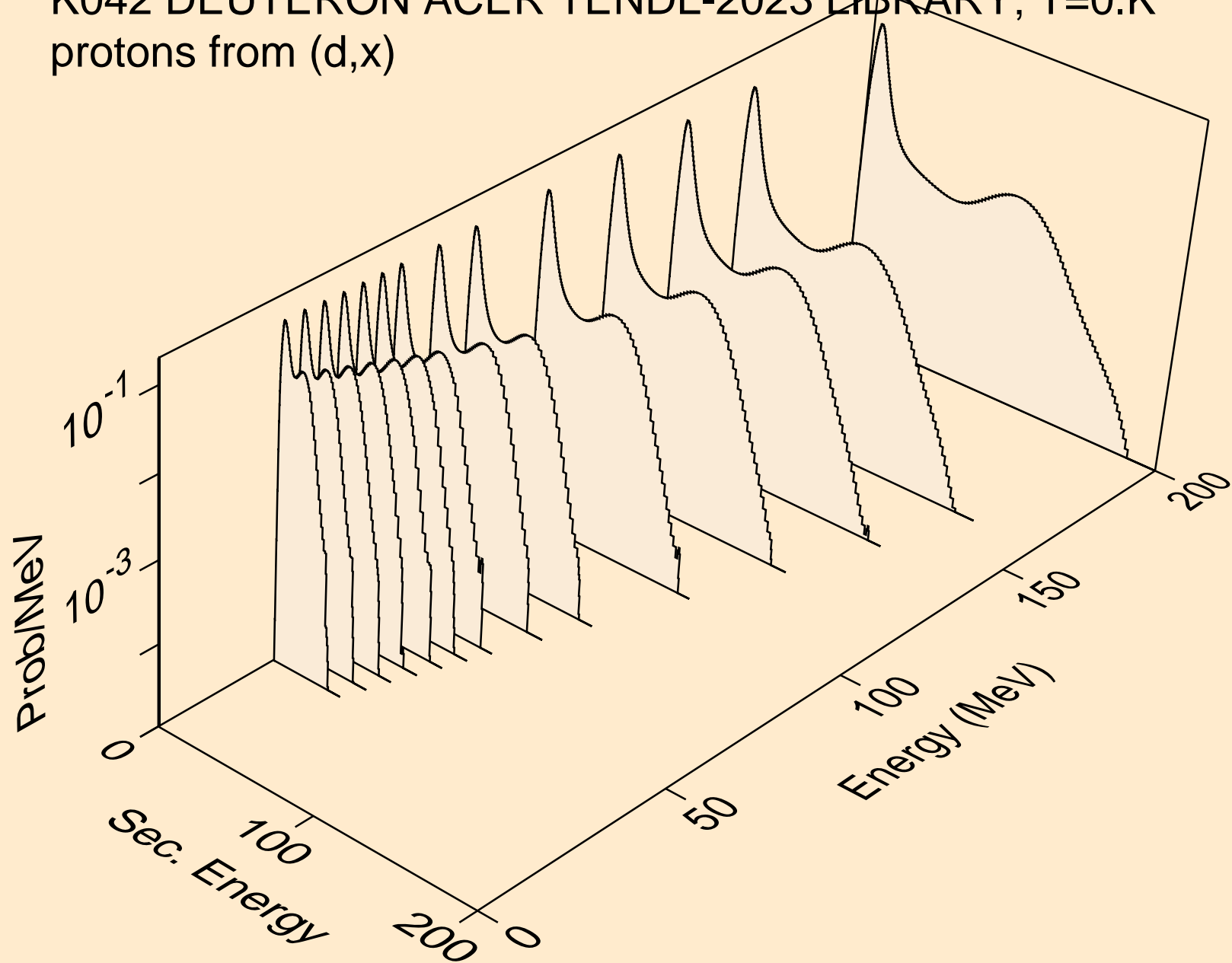
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neutrons from (d,n2p)



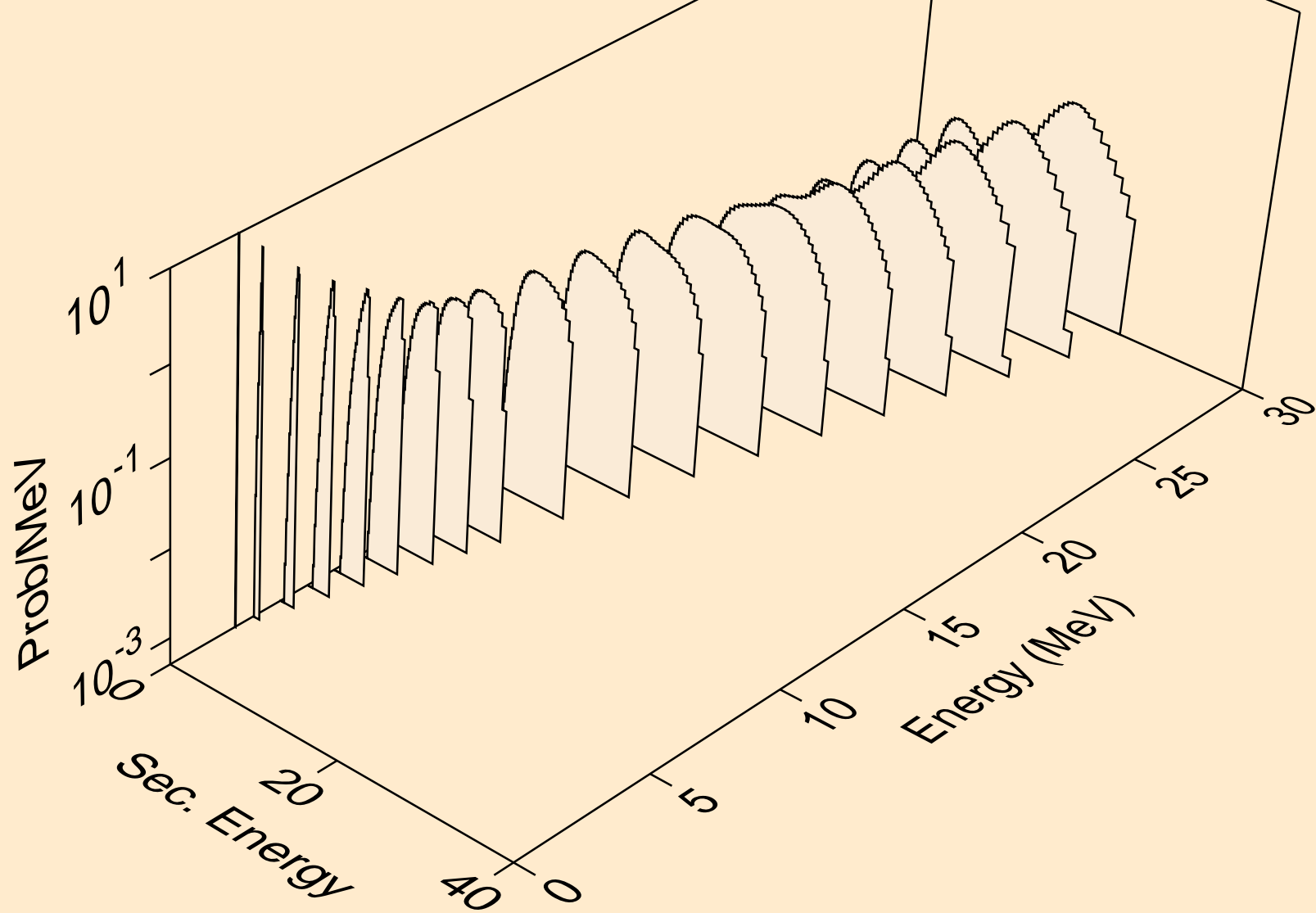
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neutrons from (d,npa)



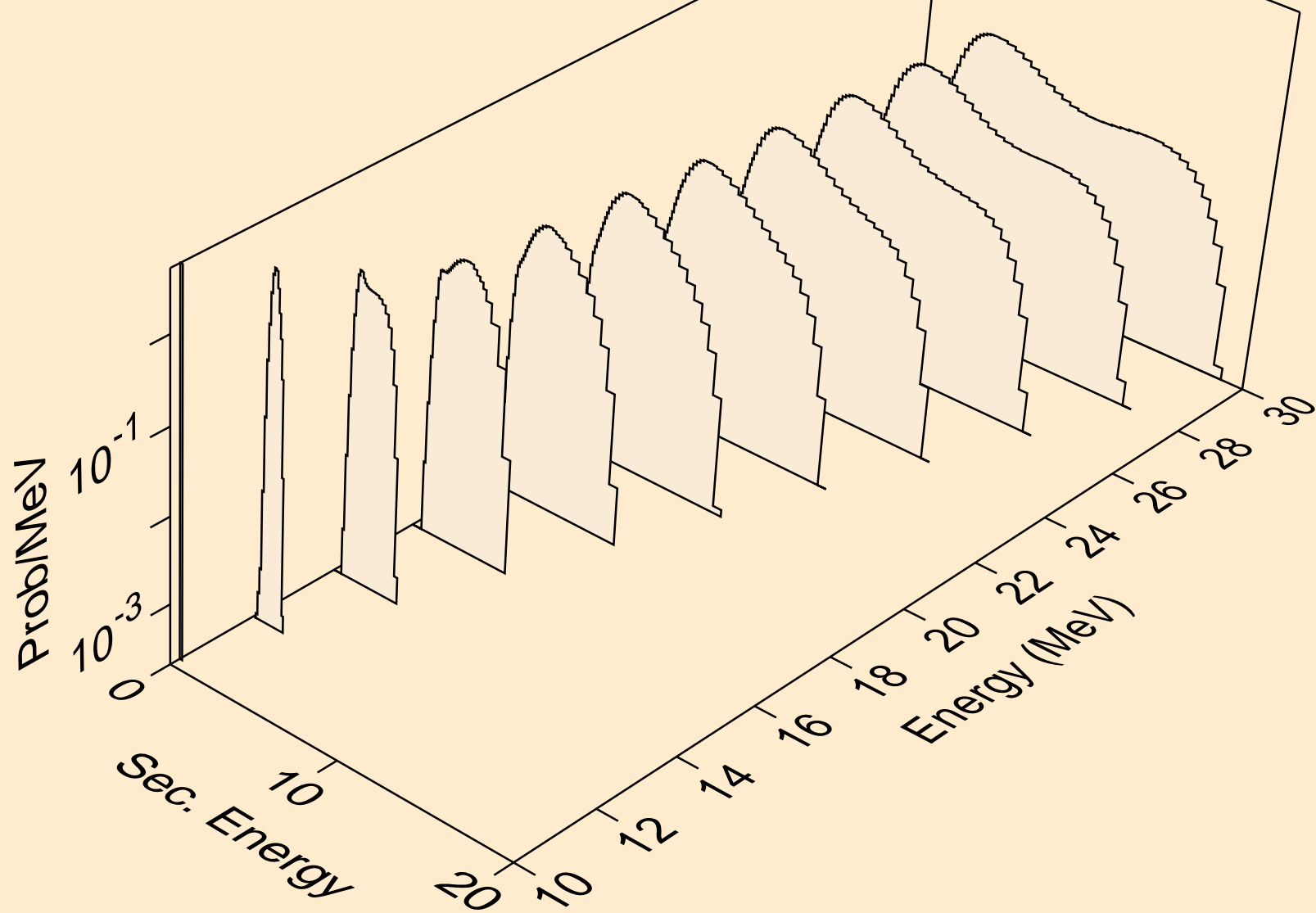
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protons from (d,x)



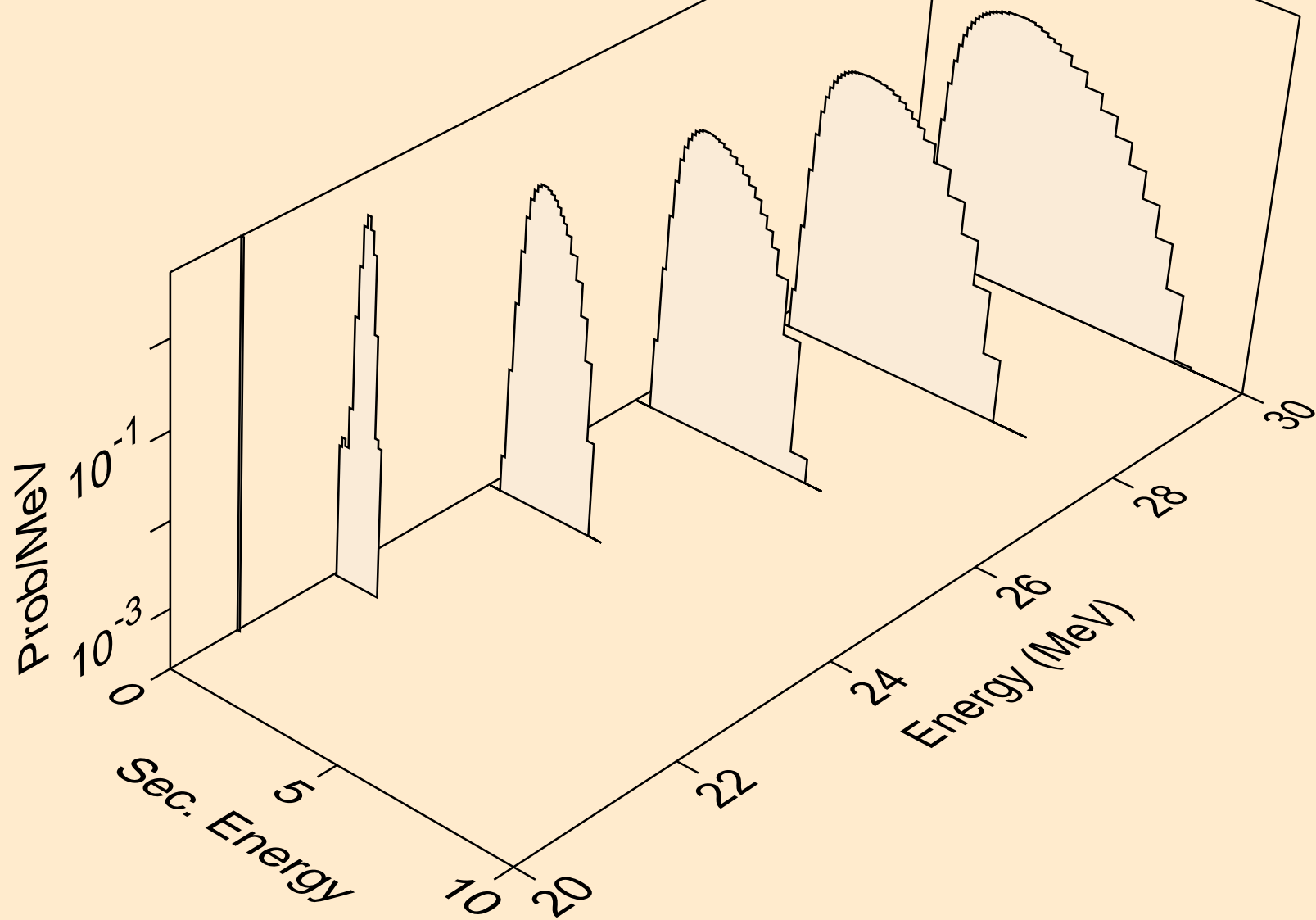
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protons from (d,n\*)p



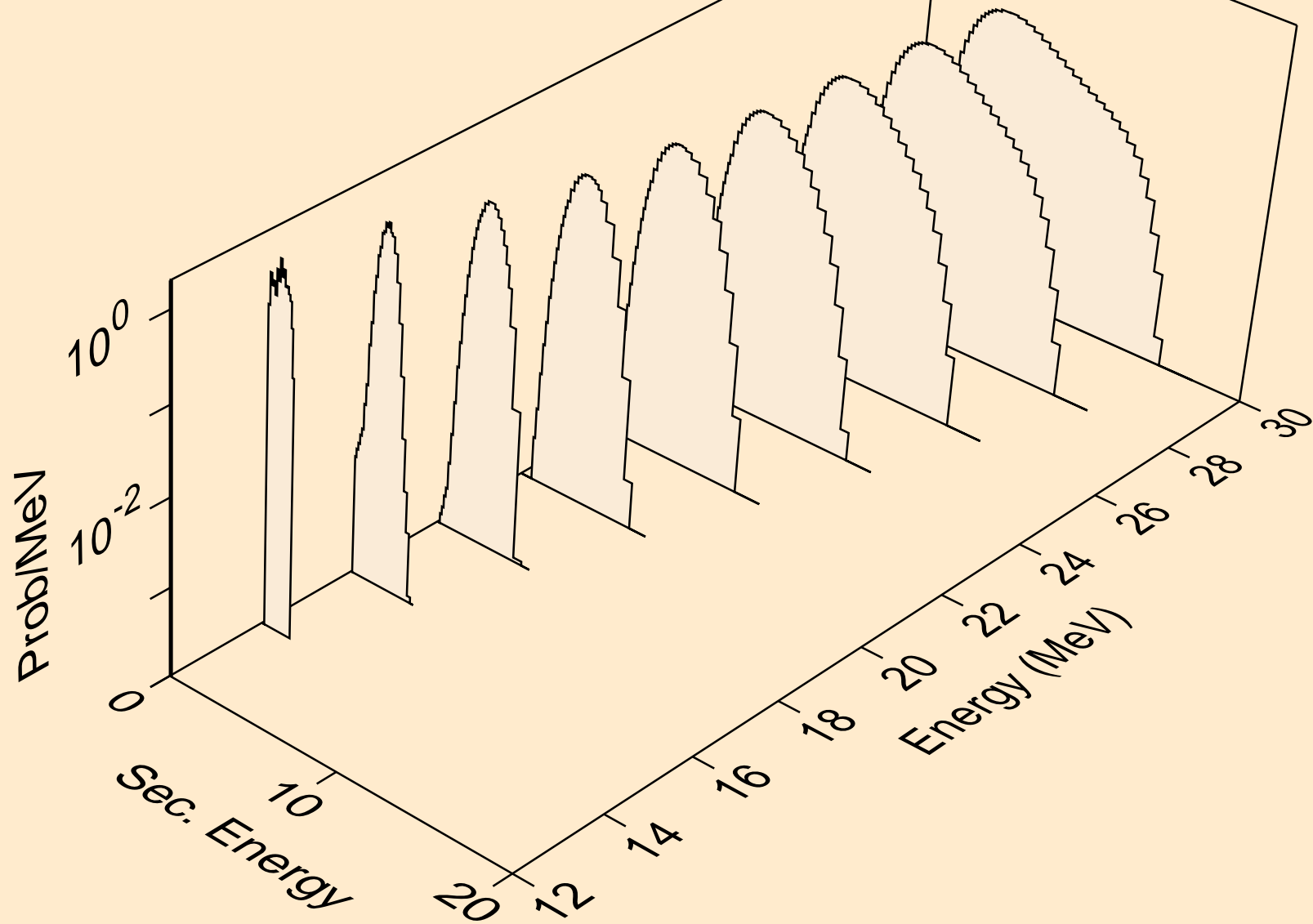
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protons from (d,2np)



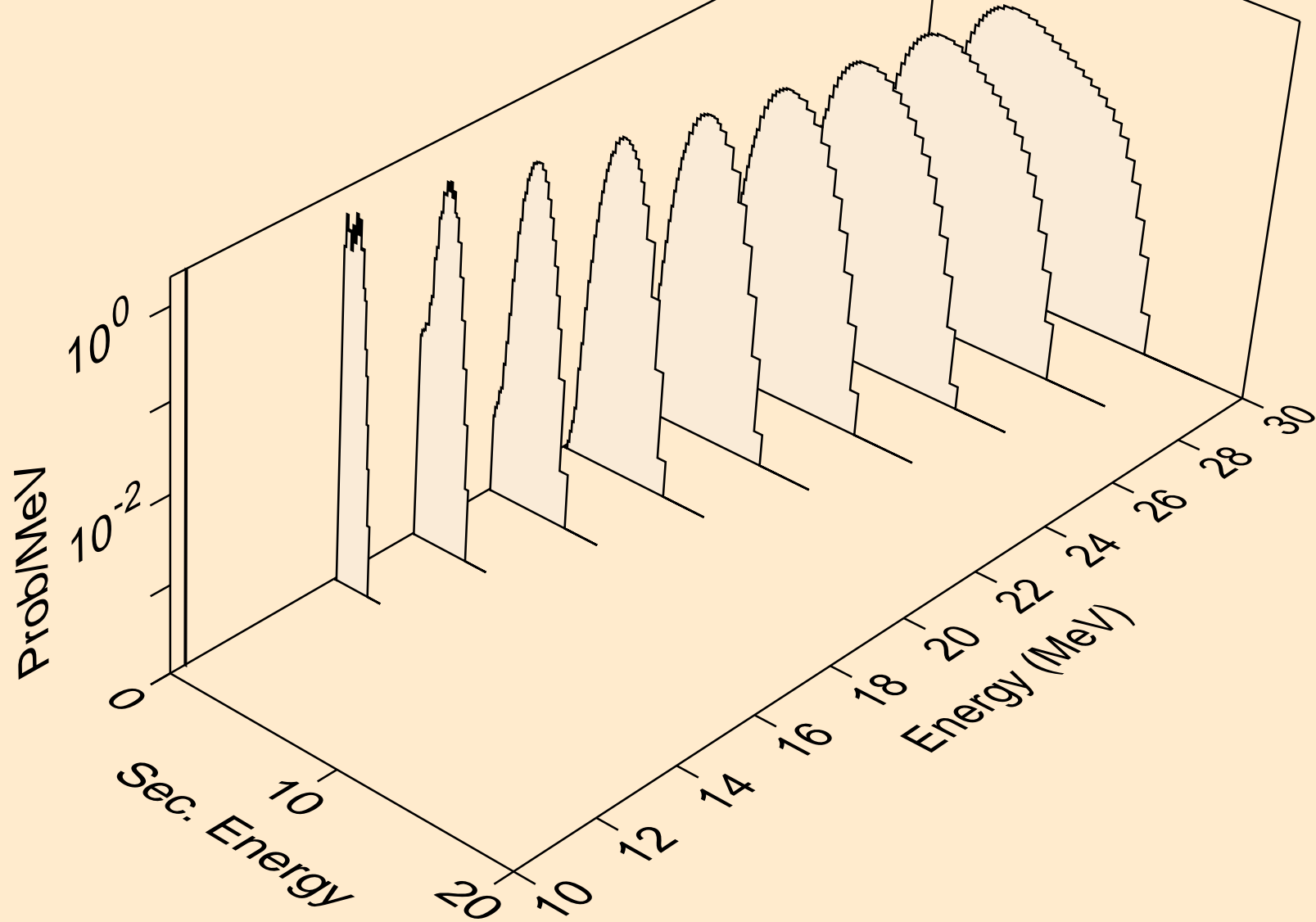
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protons from (d,3np)



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n2p)

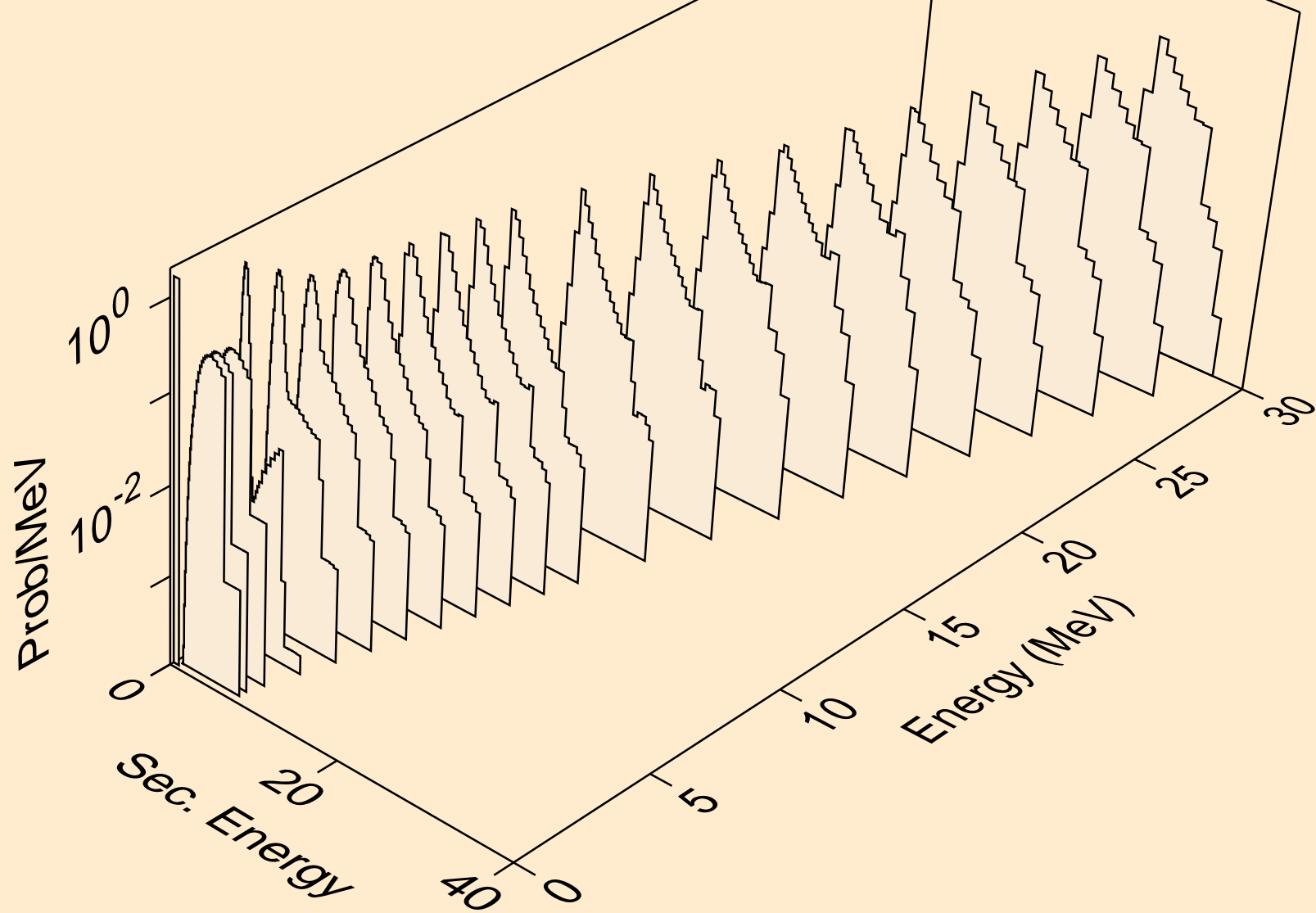


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protons from (d,npa)

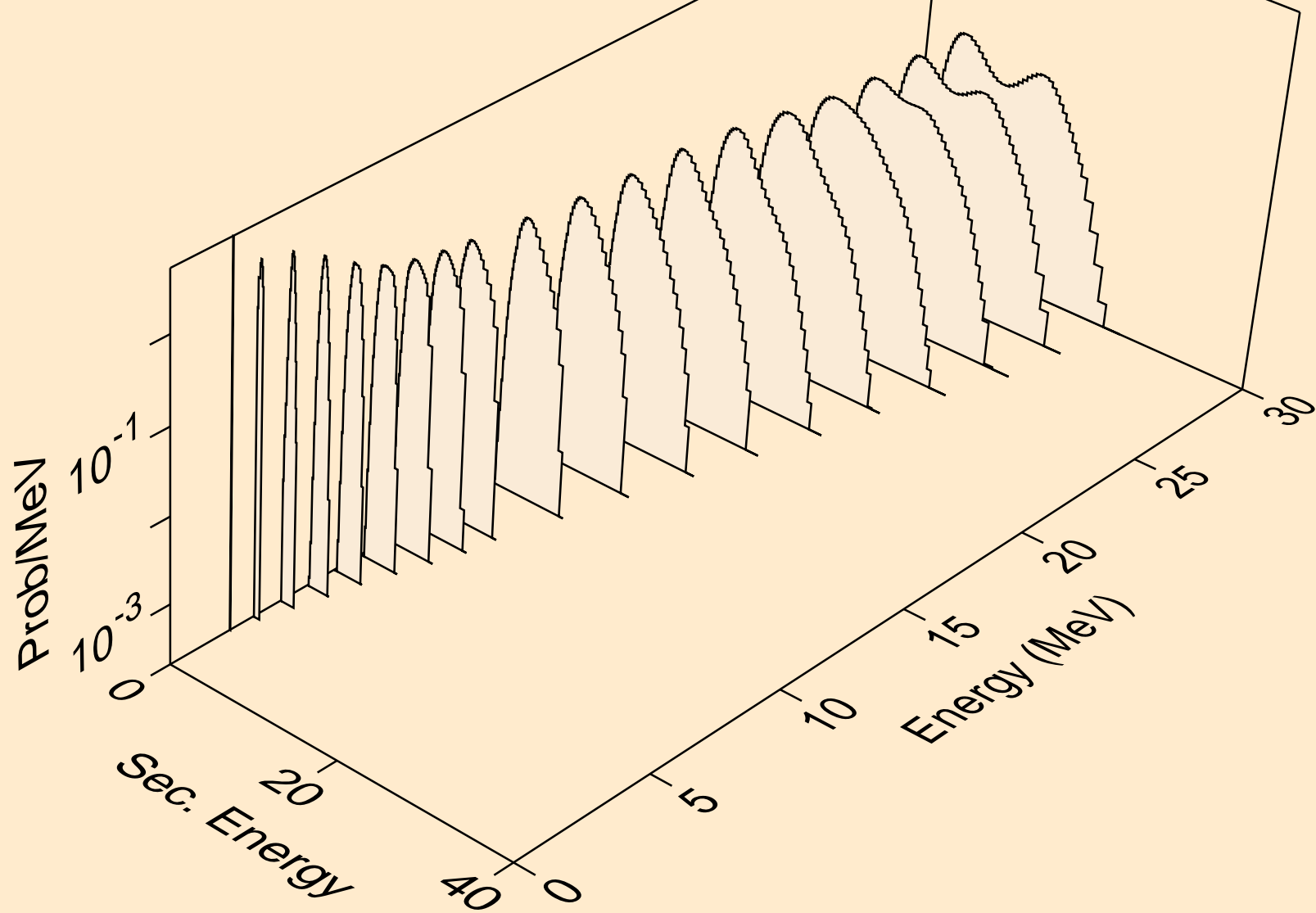




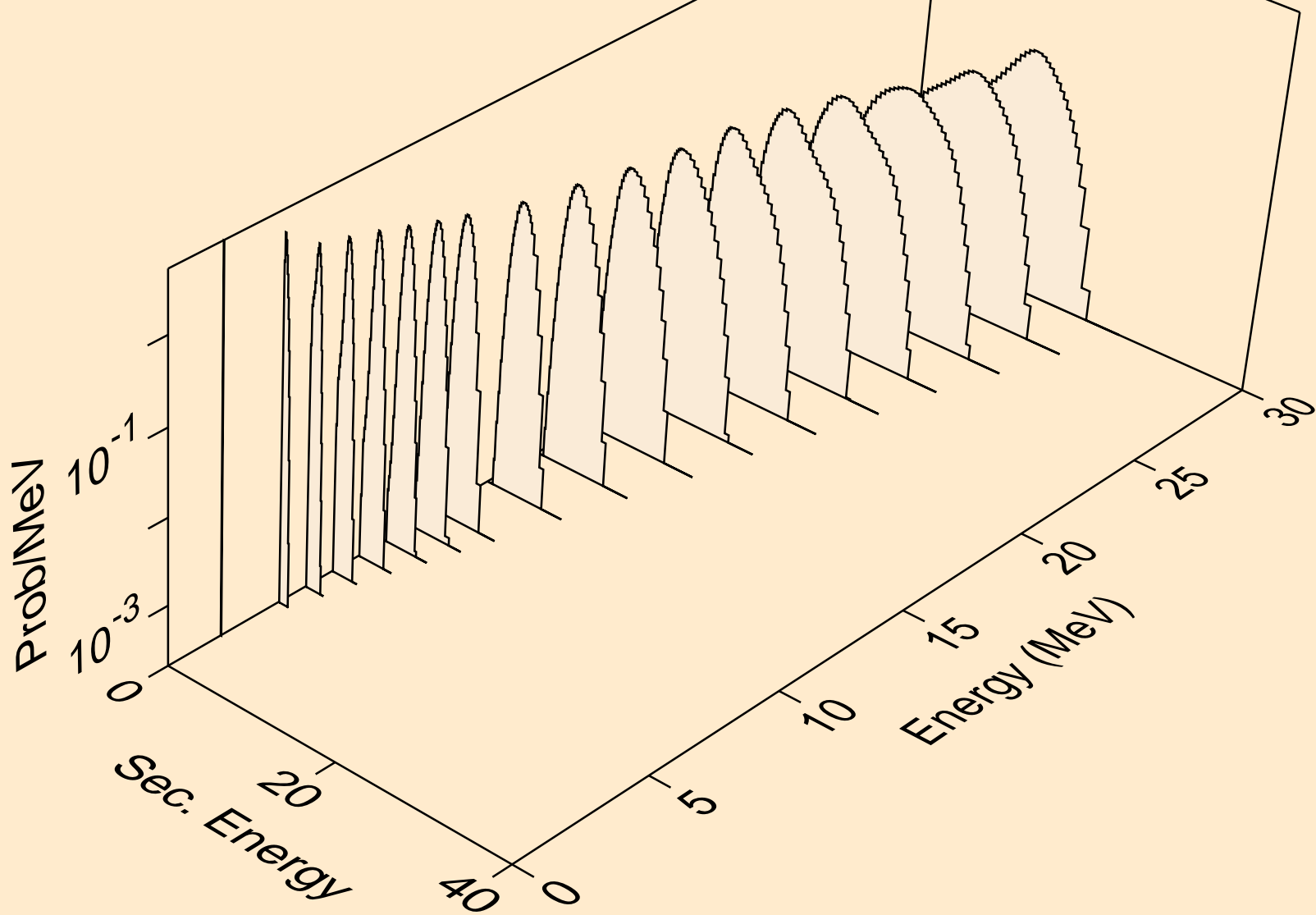
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protons from (d,p)



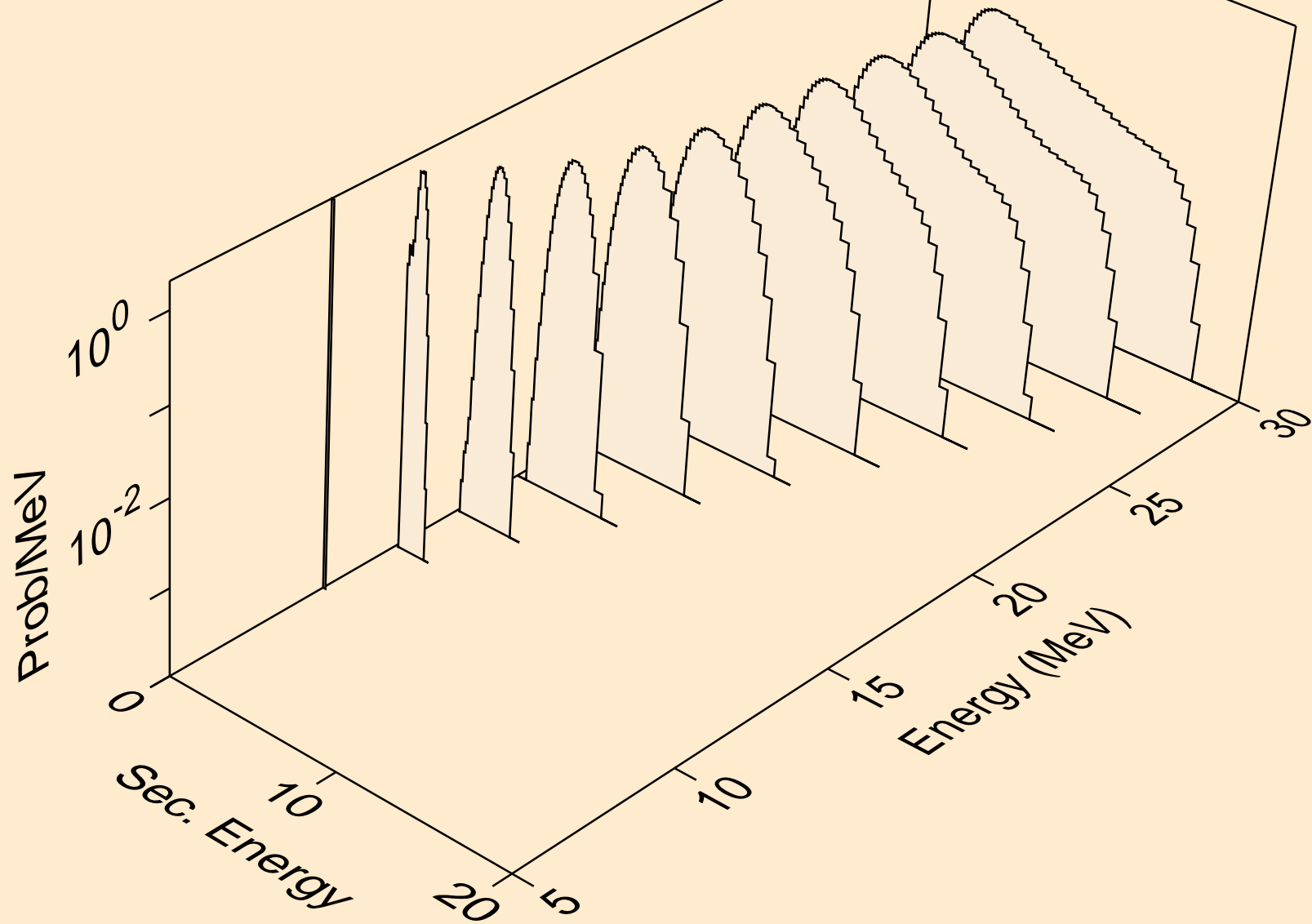
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protons from (d,2p)



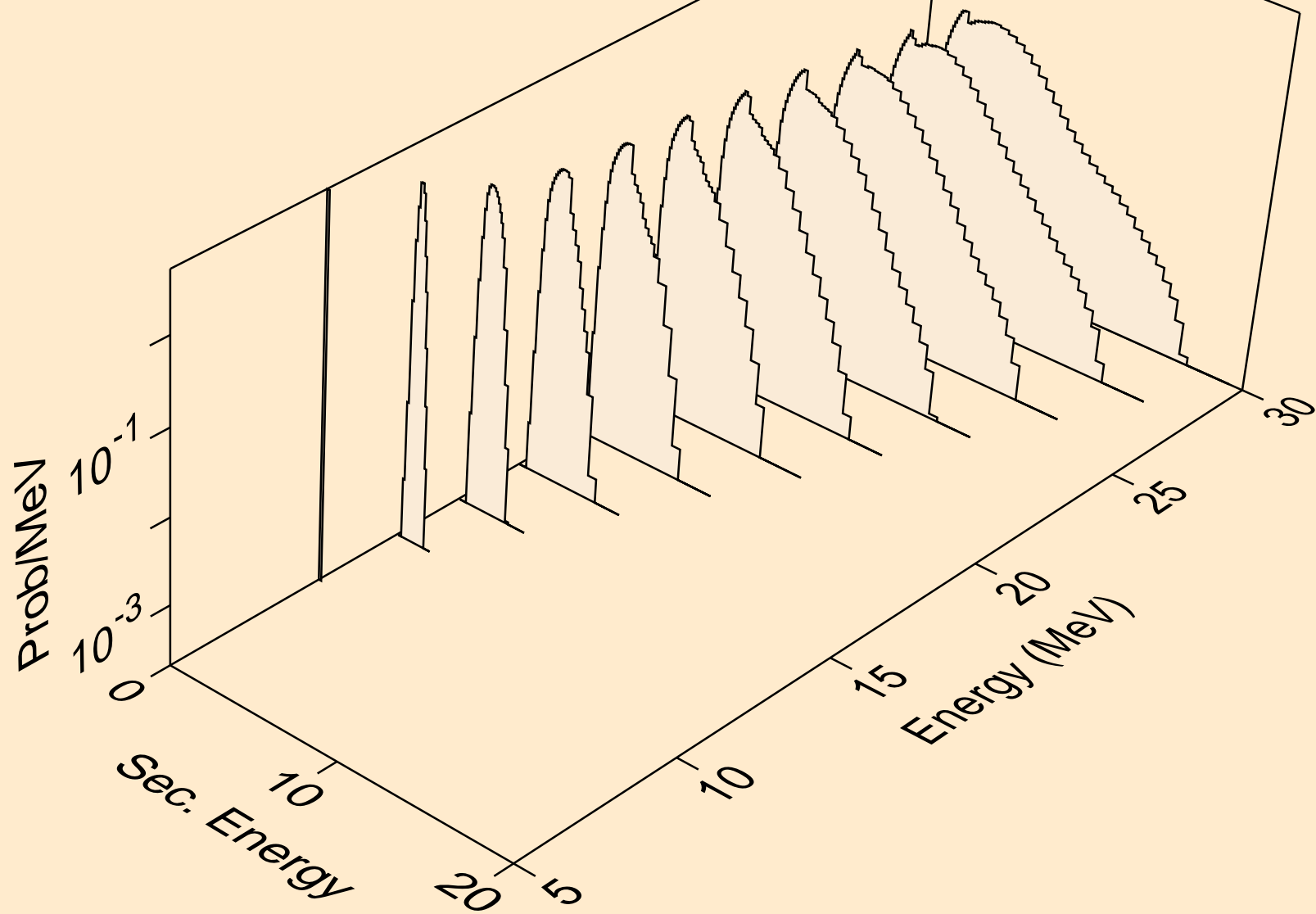
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protons from (d,pa)



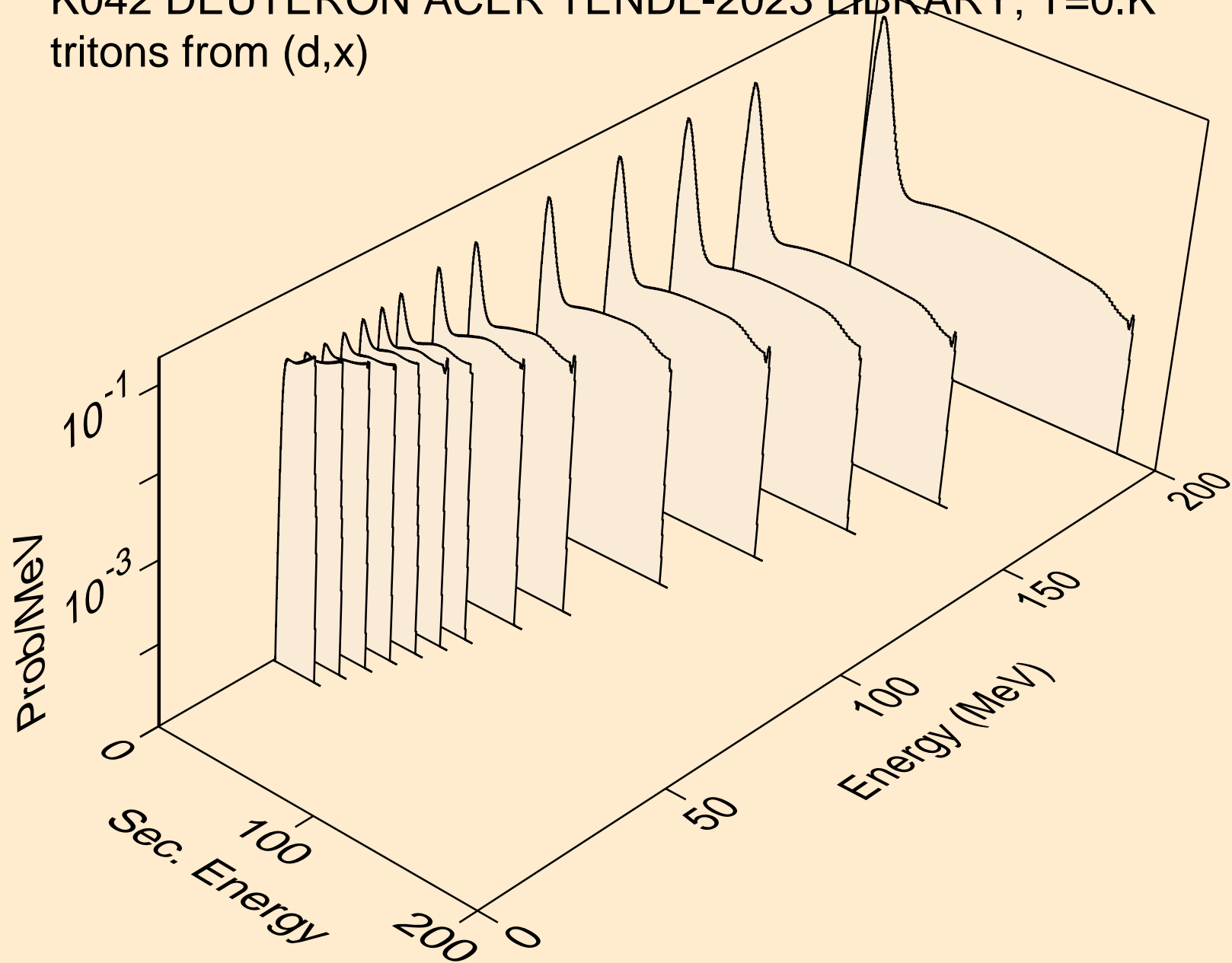
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protons from (d,pd)



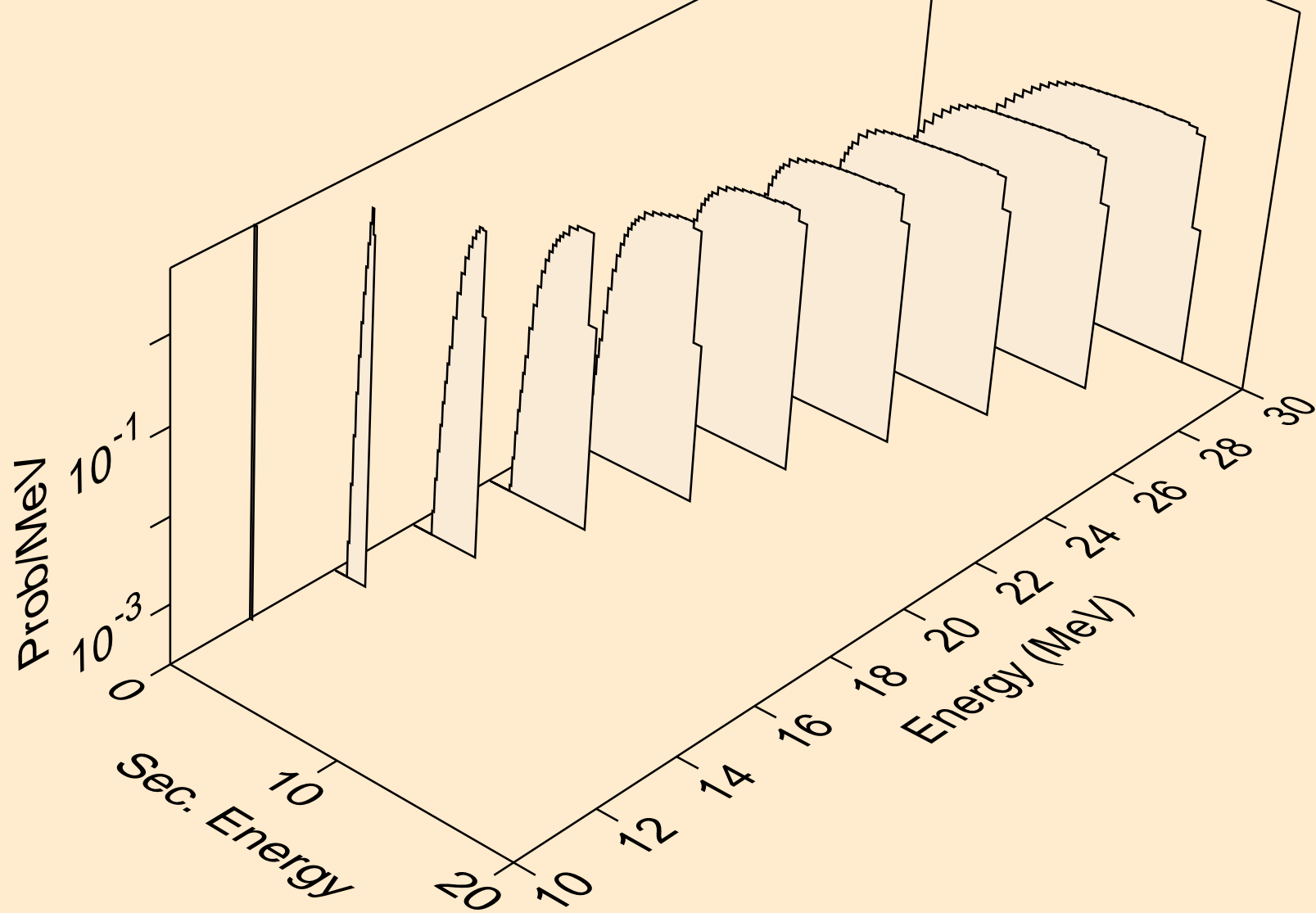
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pt)



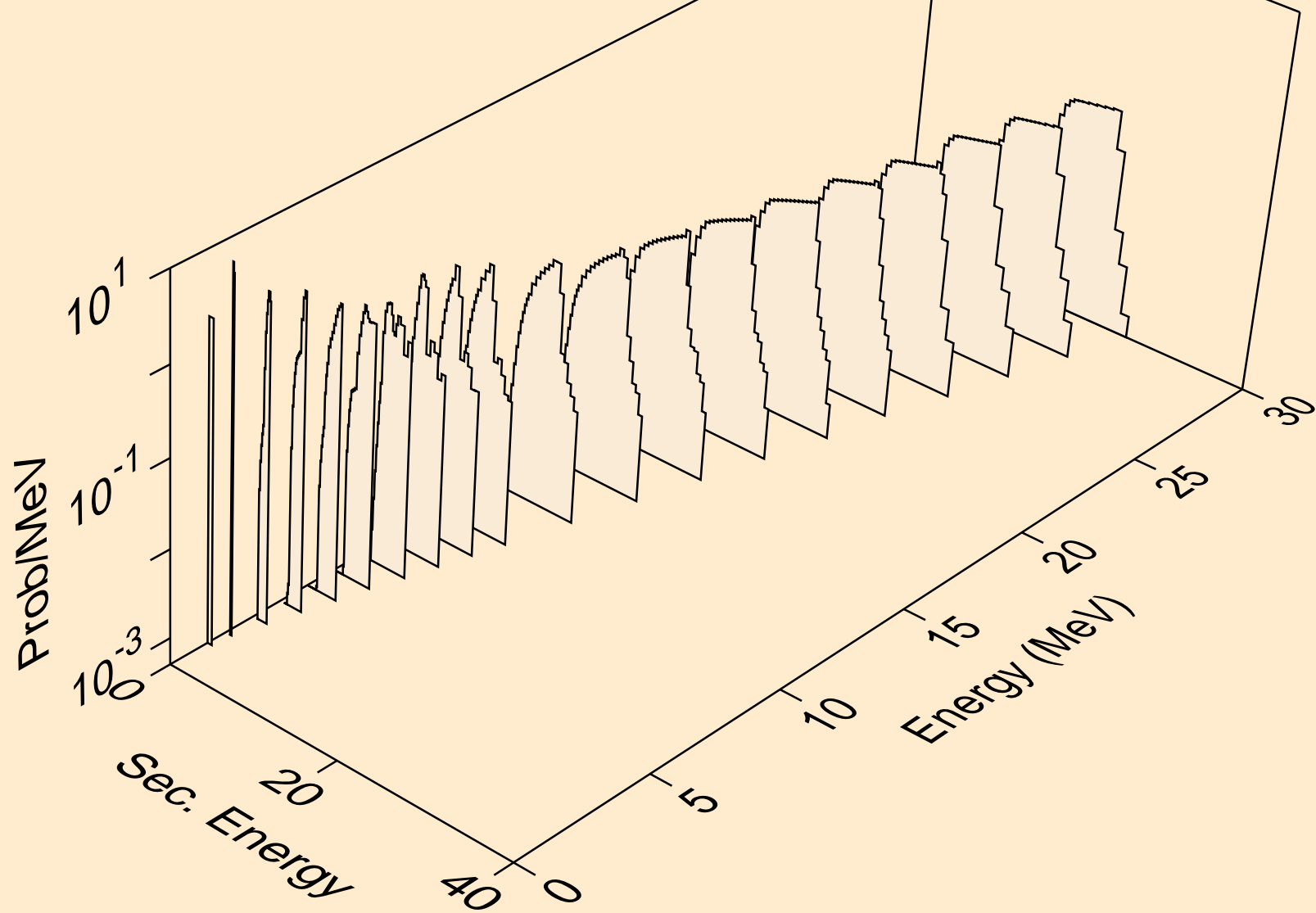
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,x)



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,n\*)t

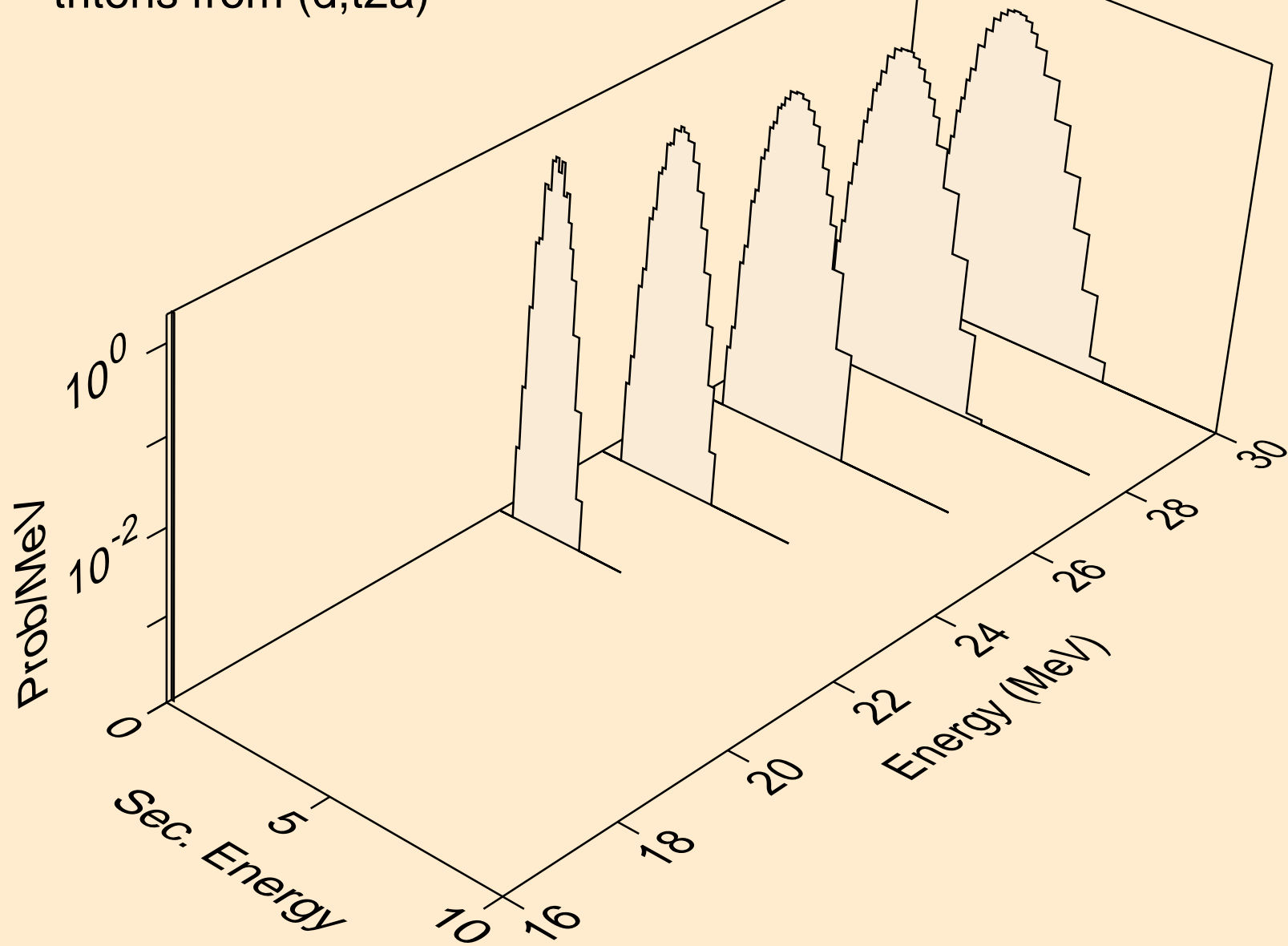


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tritons from (d,t)

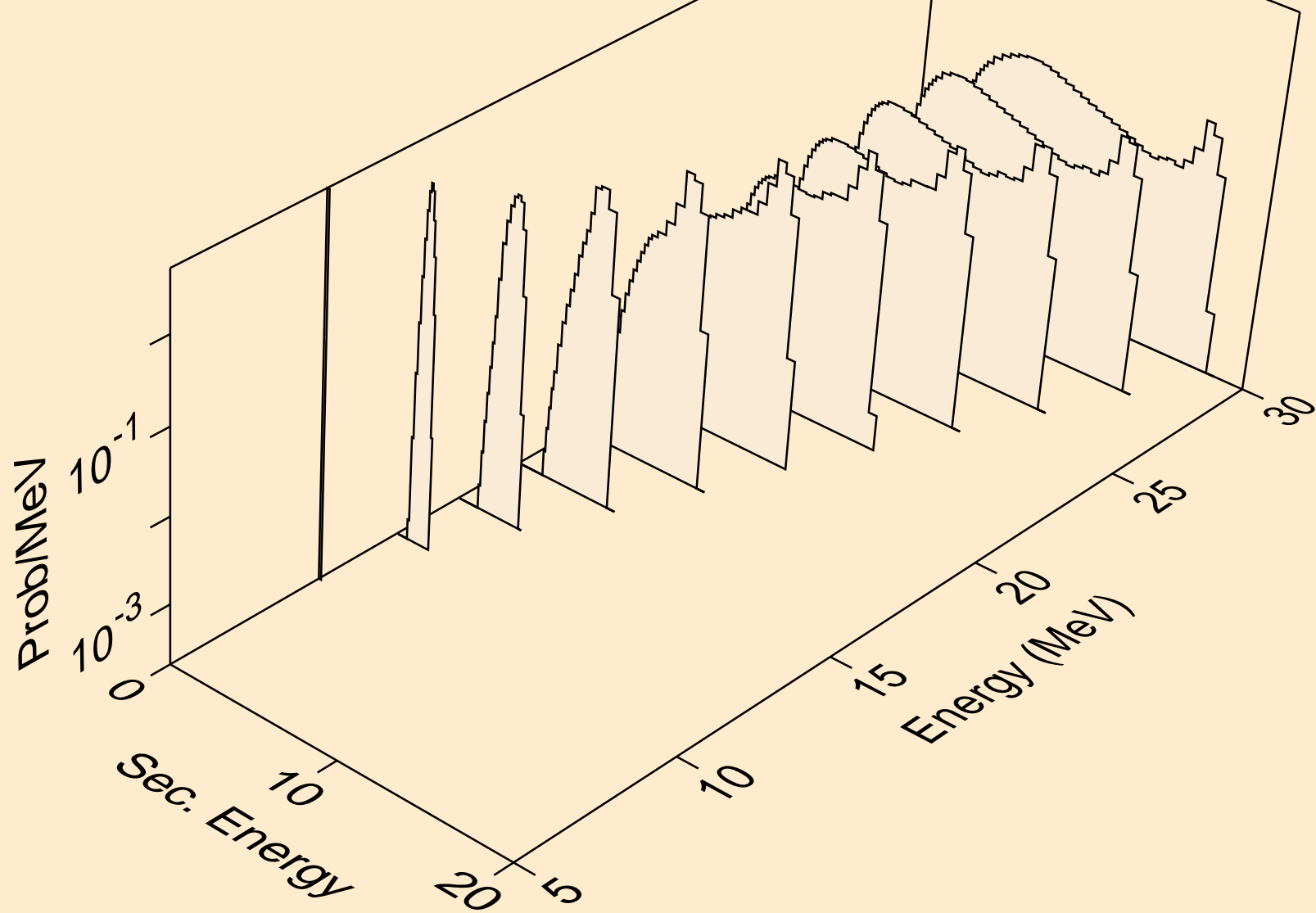




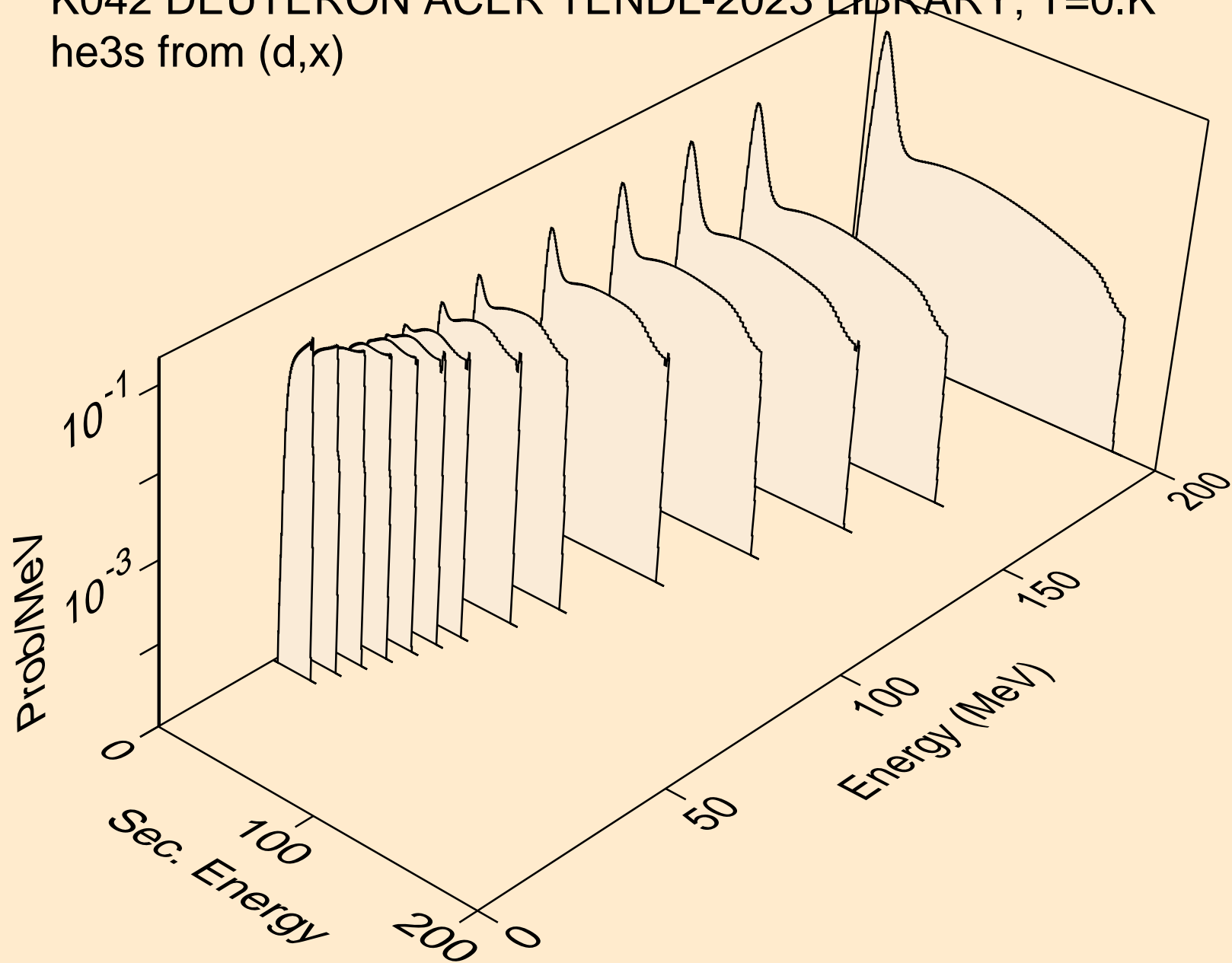
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,t2a)



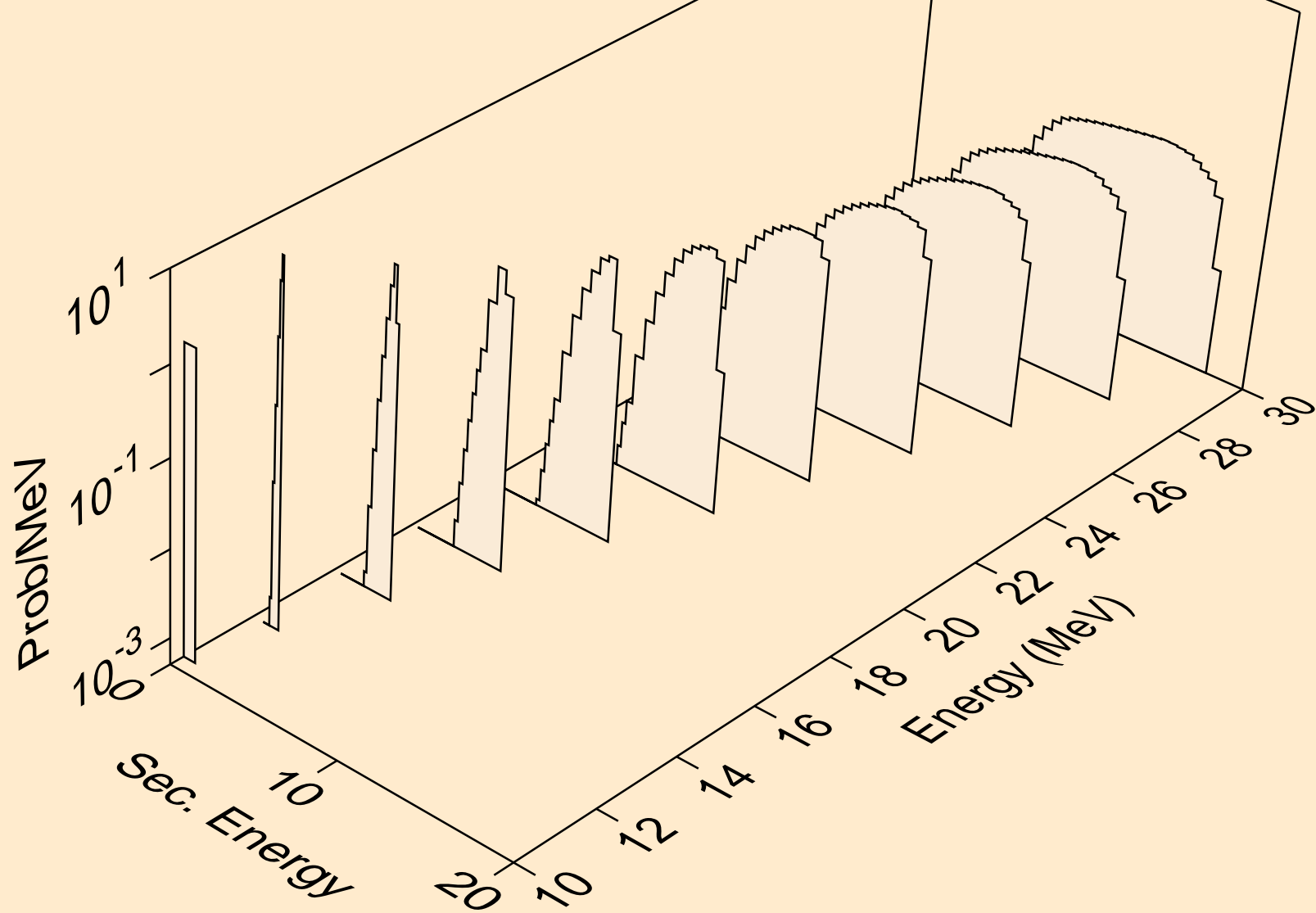
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tritons from (d,pt)



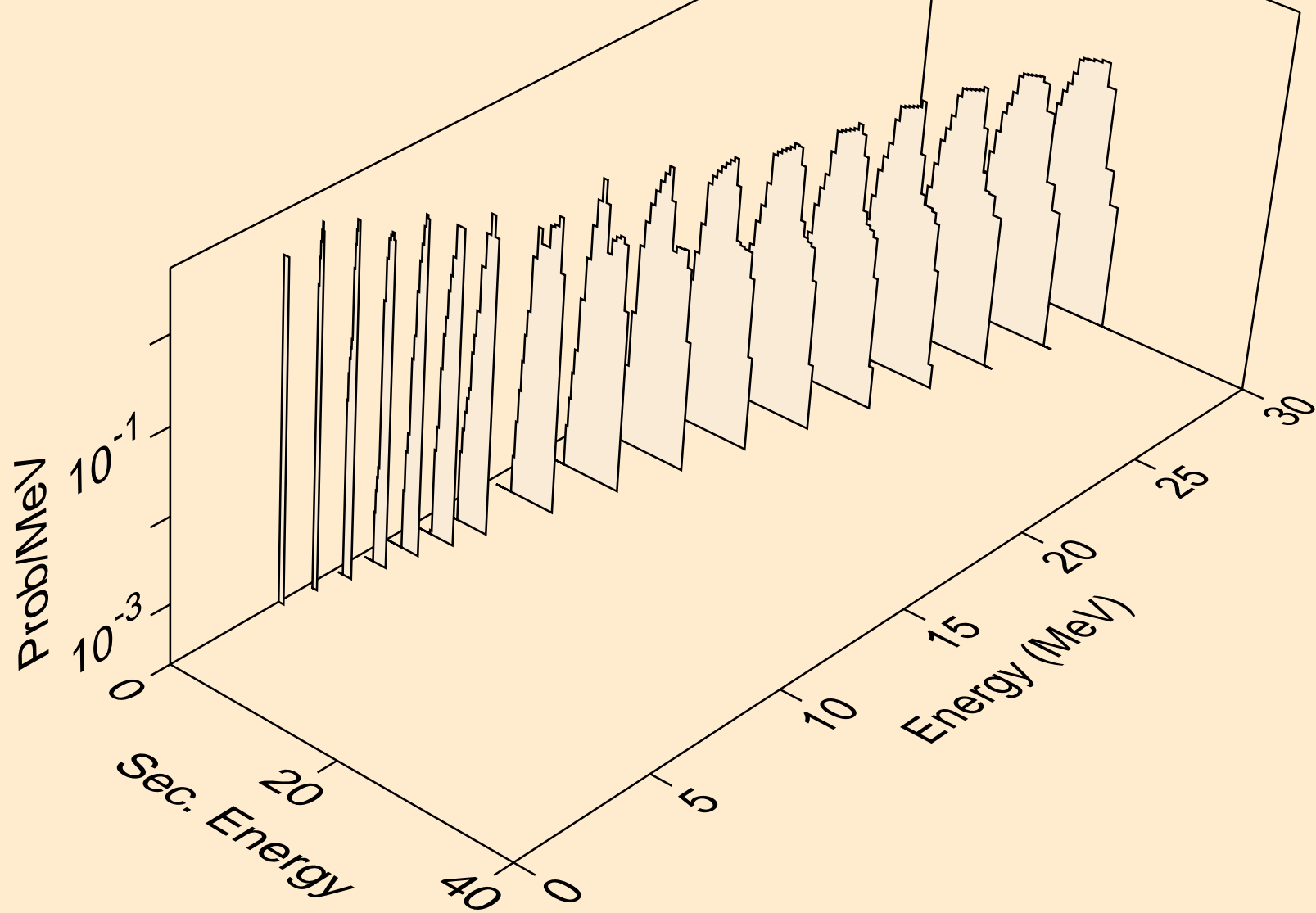
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,x)



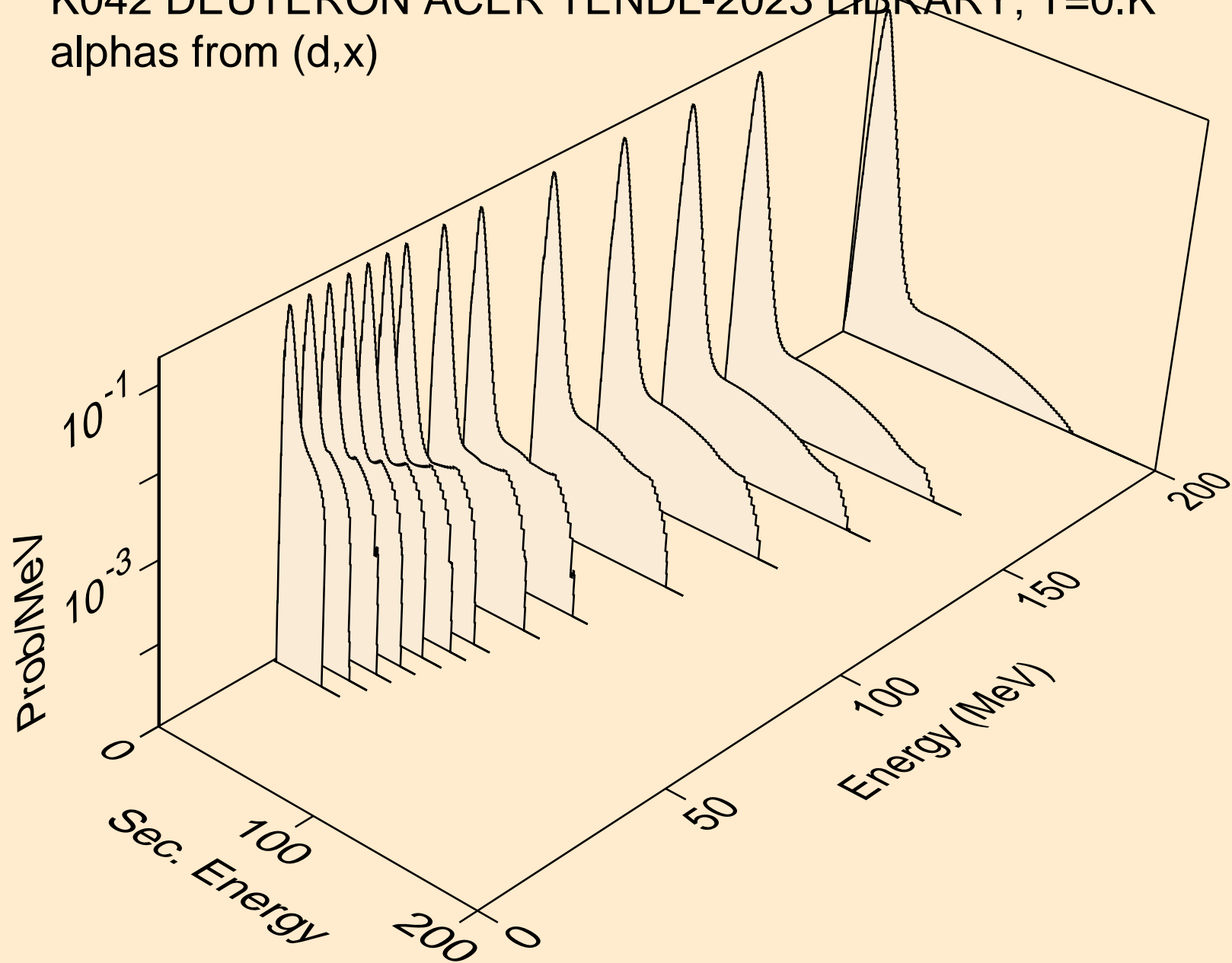
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,n\*)he3



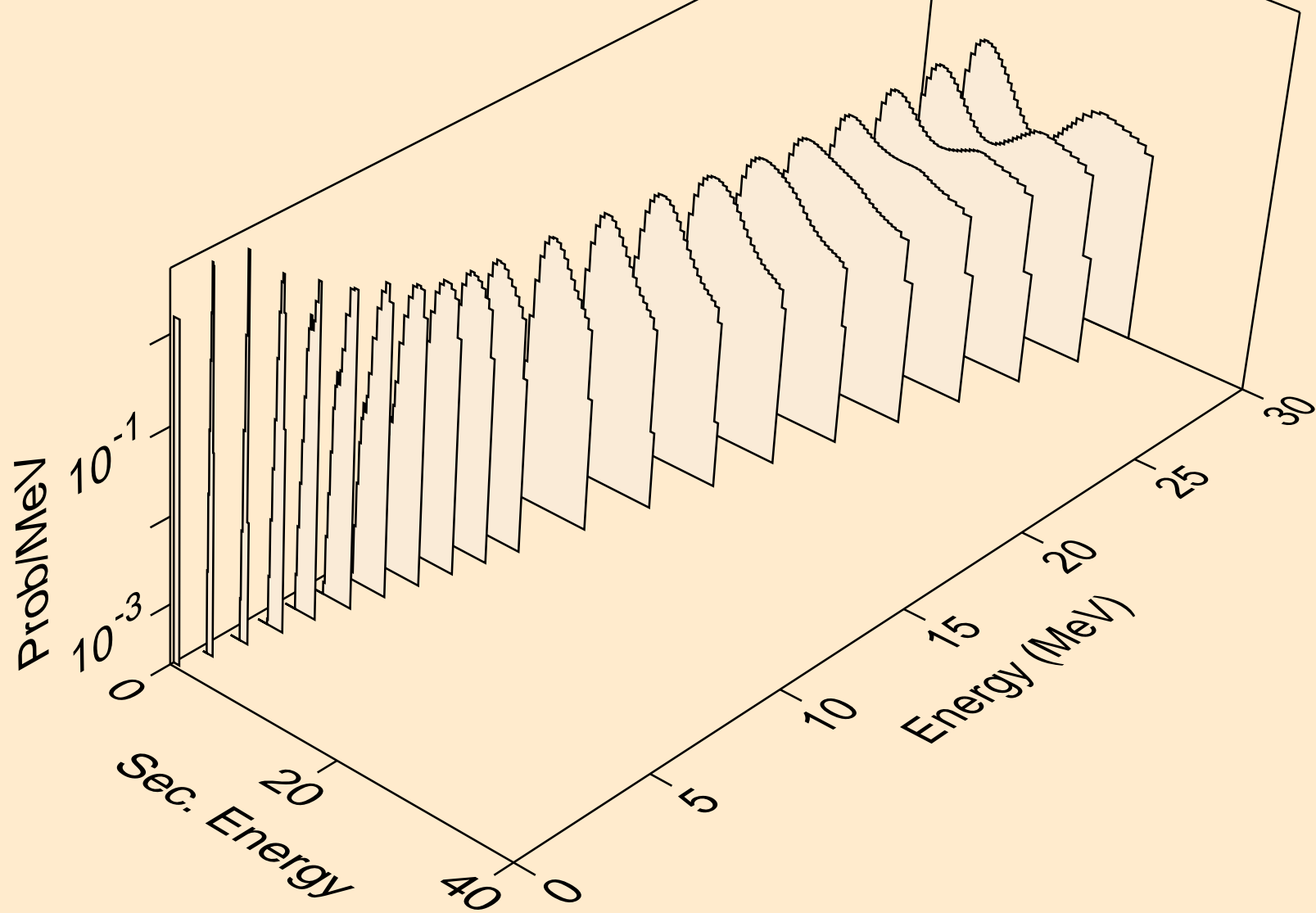
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he3s from (d,he3)



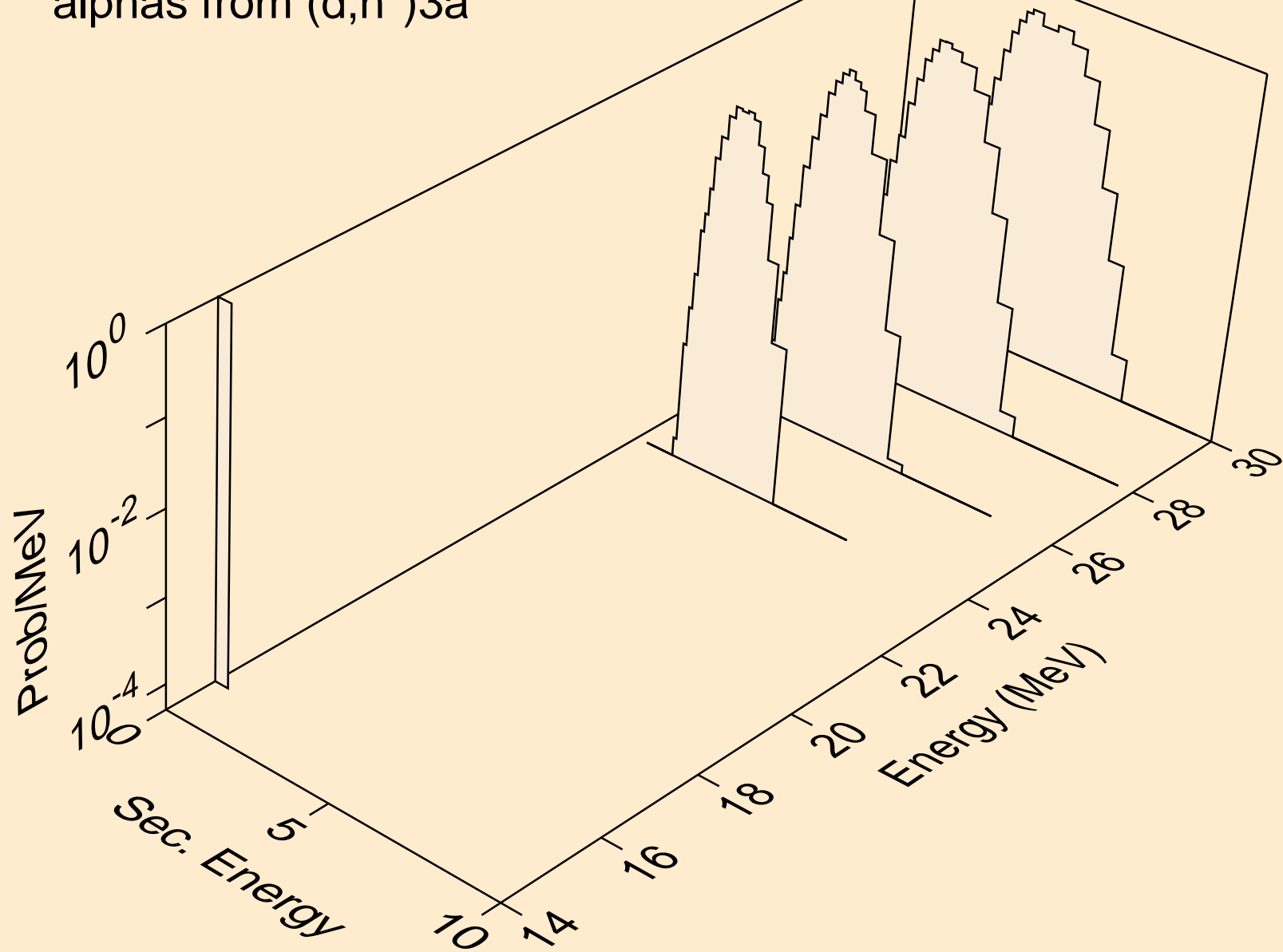
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,x)



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a

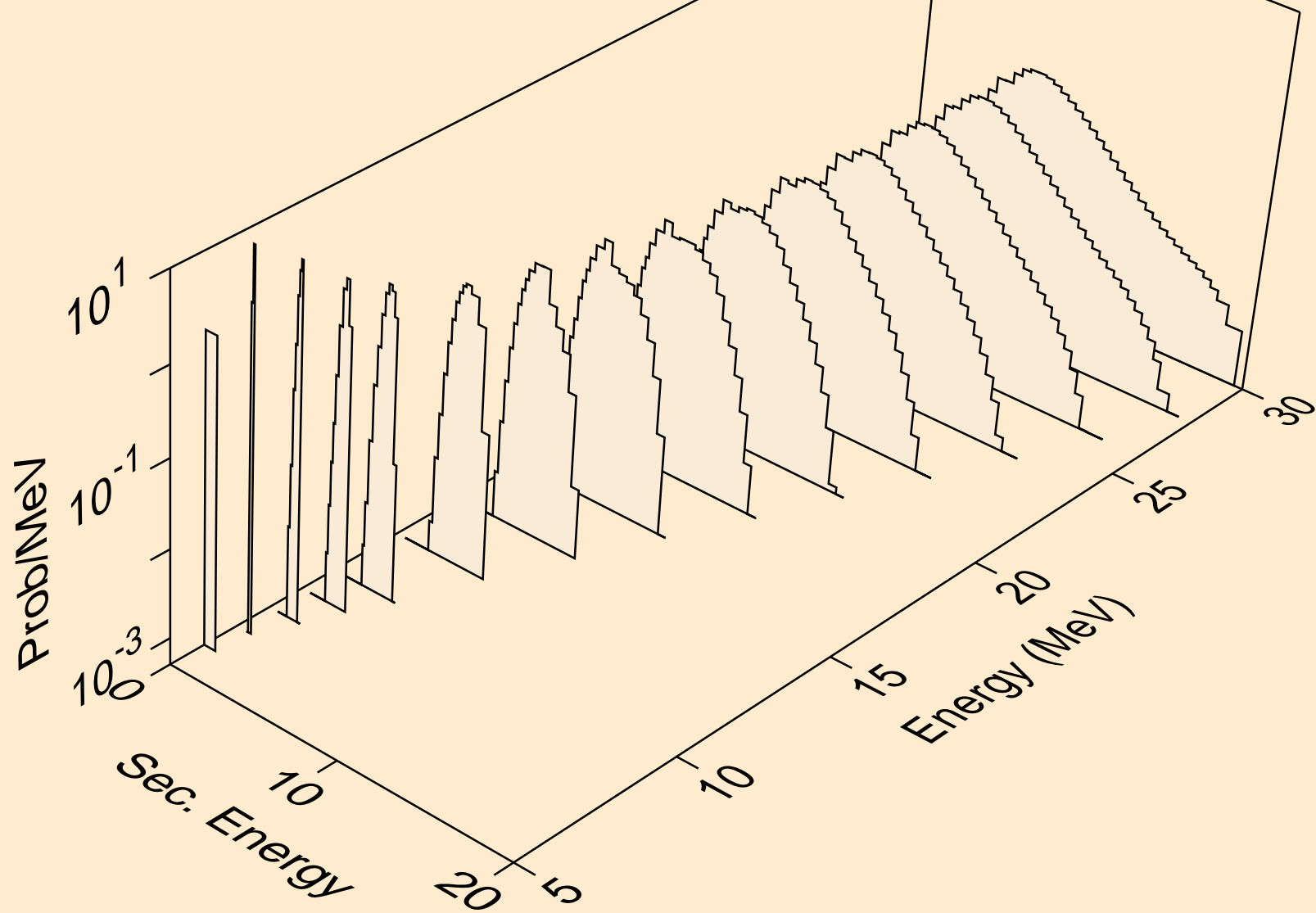


K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)3a

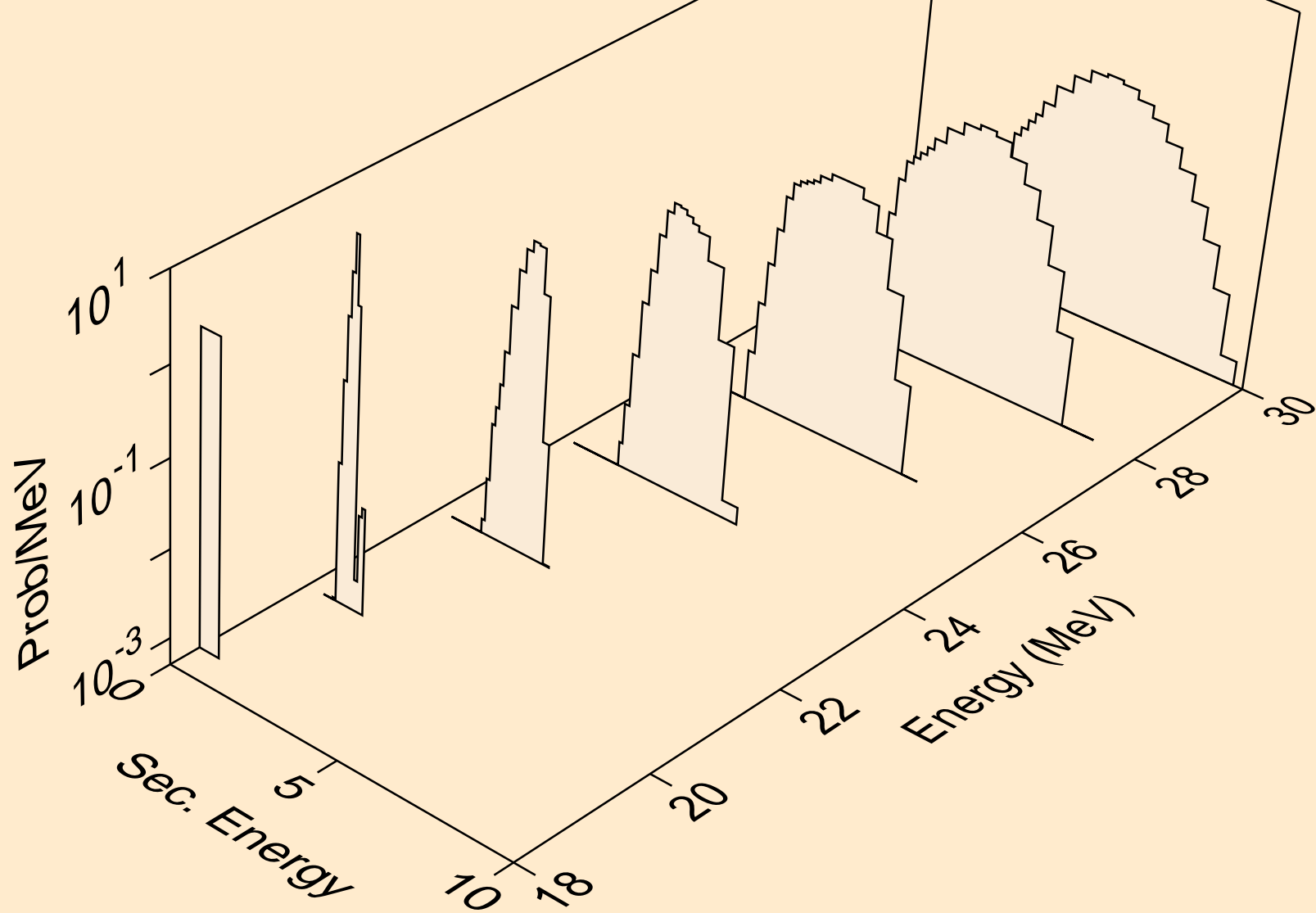




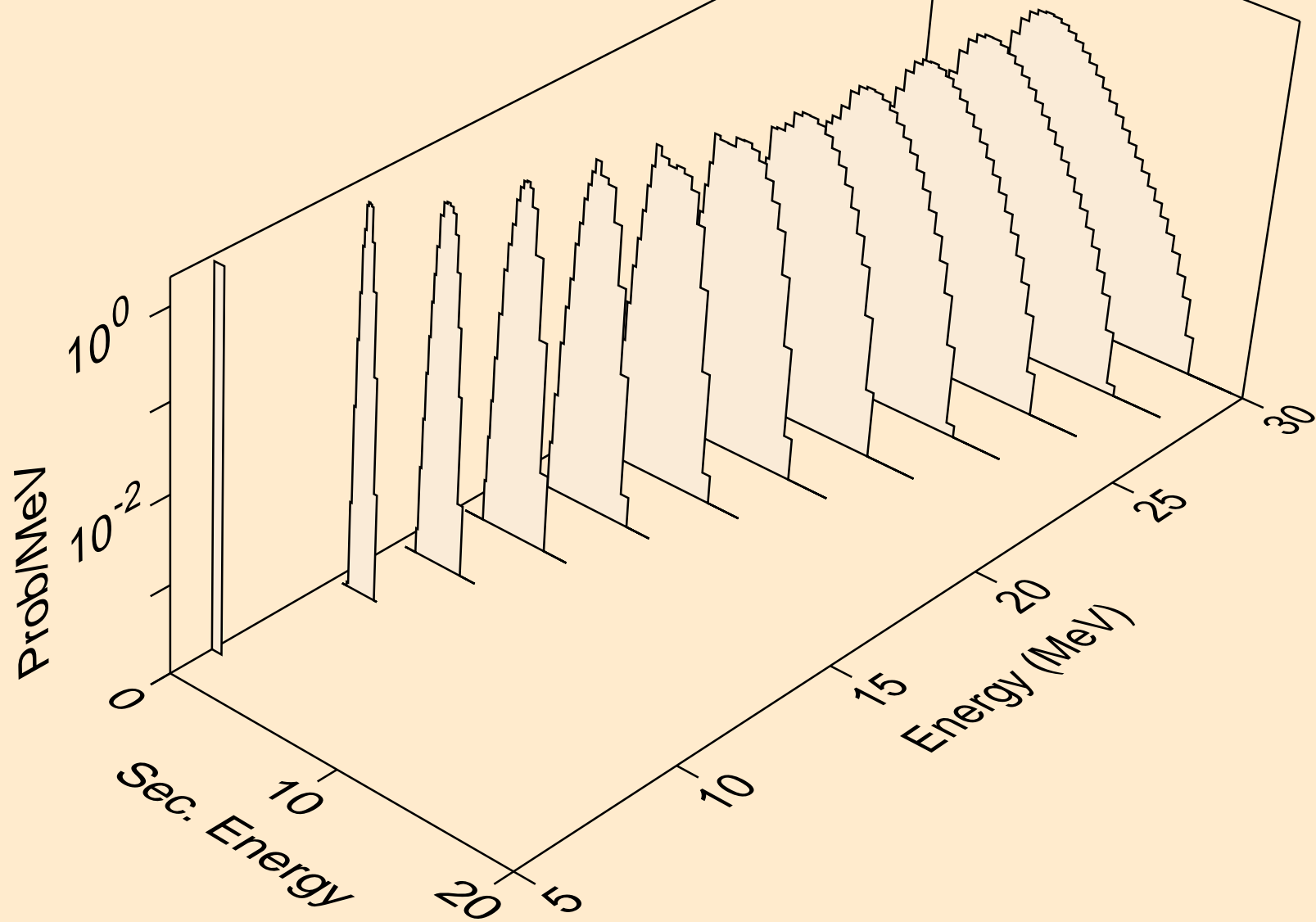
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alphas from (d,2n)a



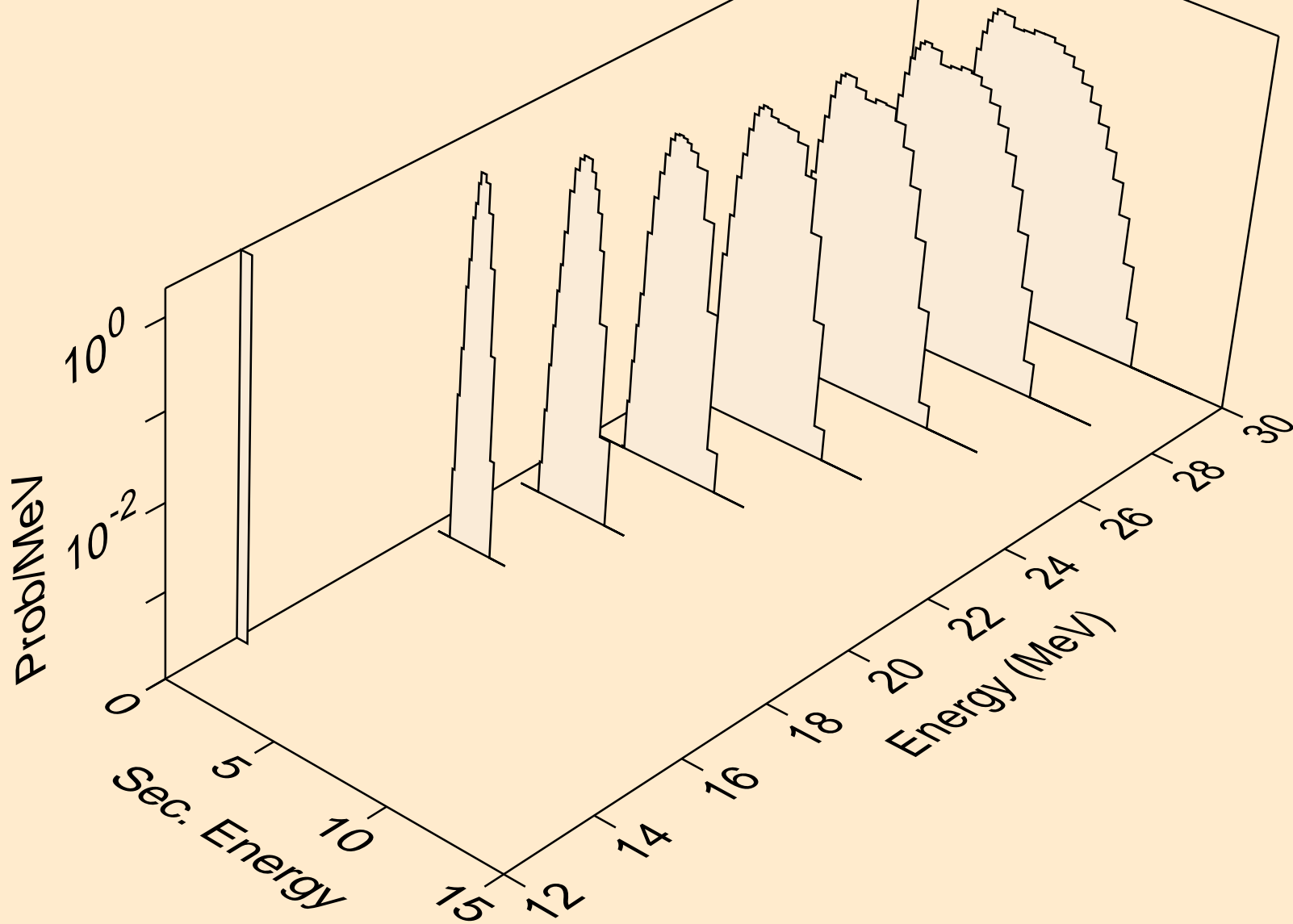
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alphas from (d,3n)a



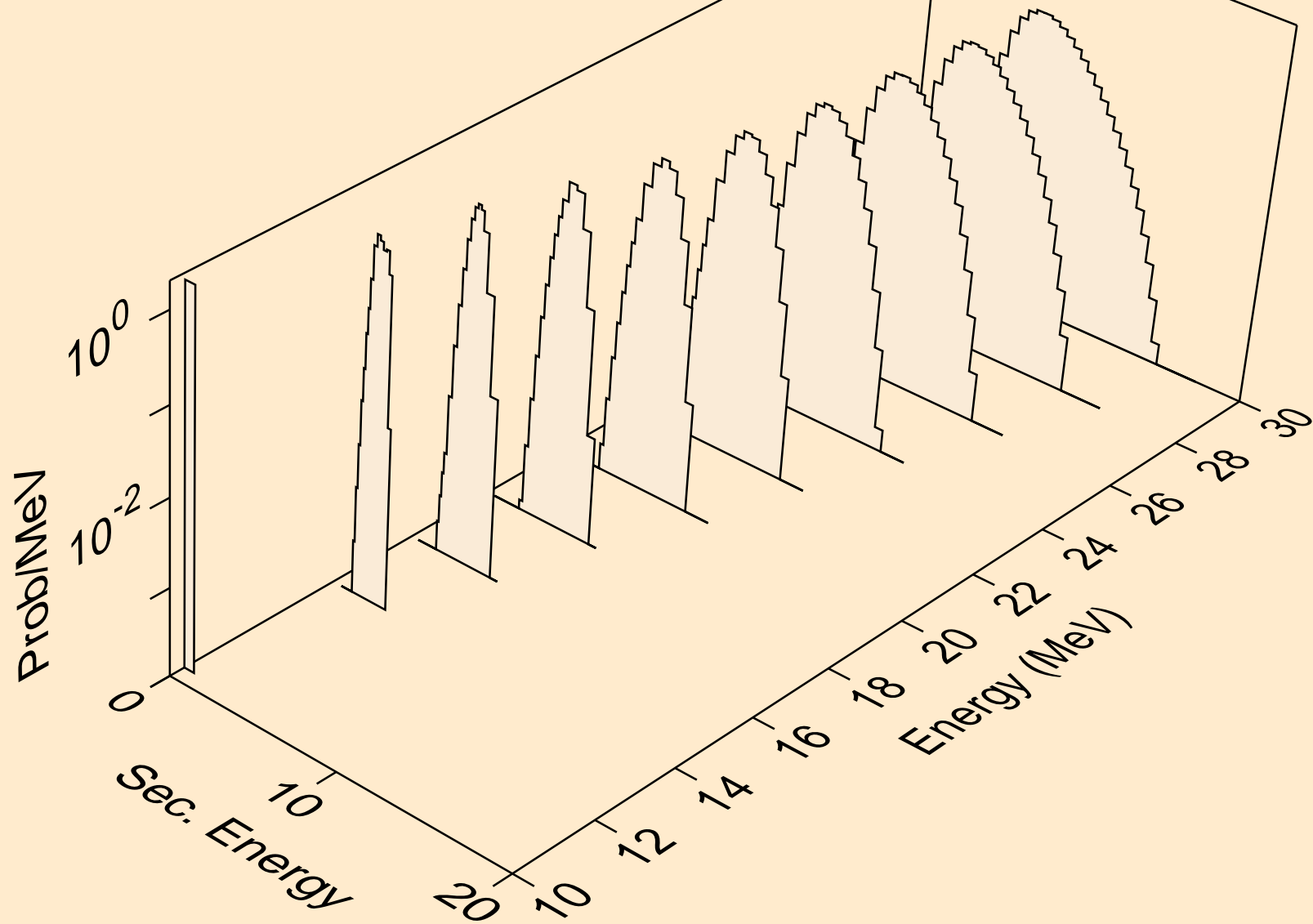
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)2a



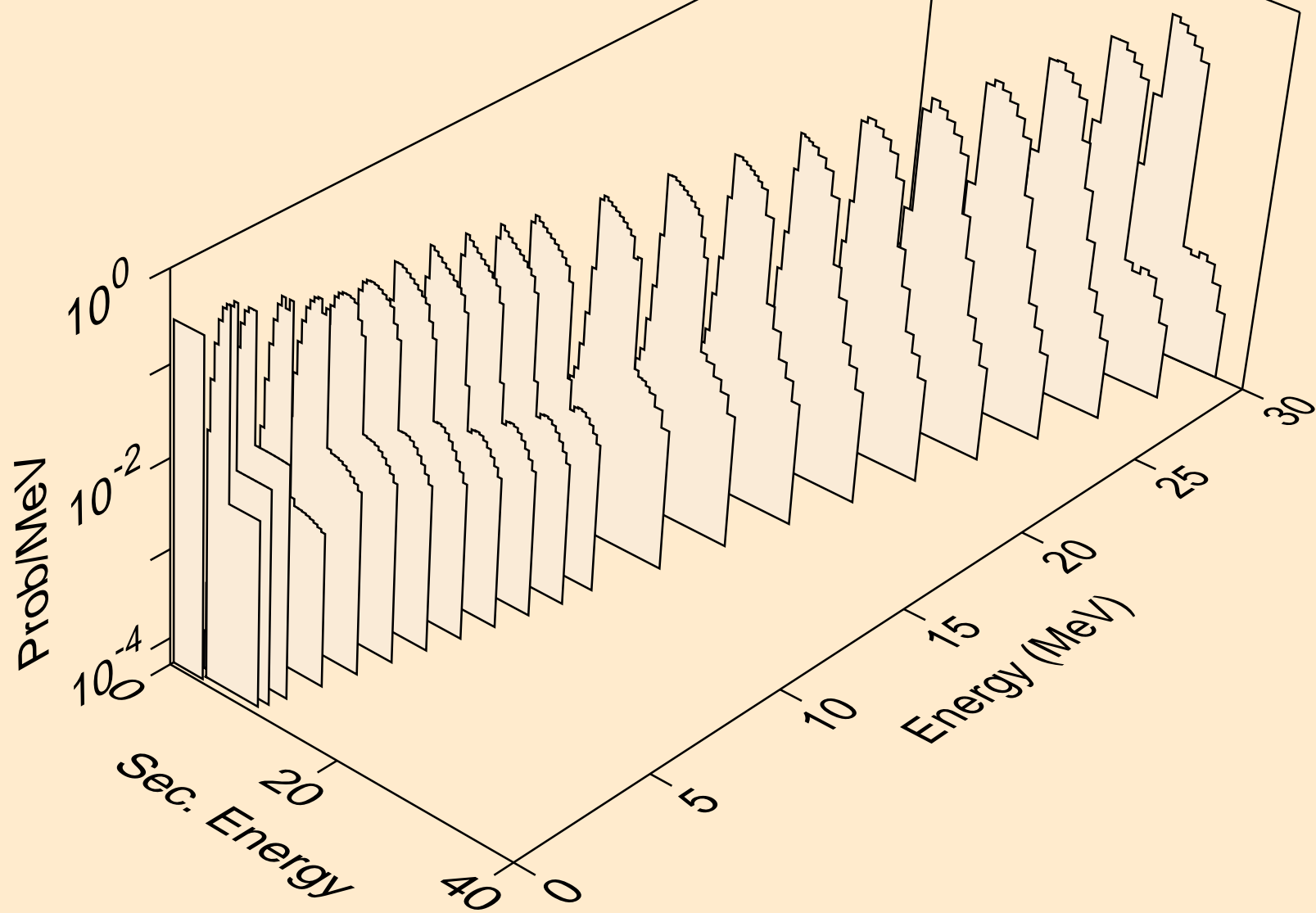
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alphas from (d,2n)2a



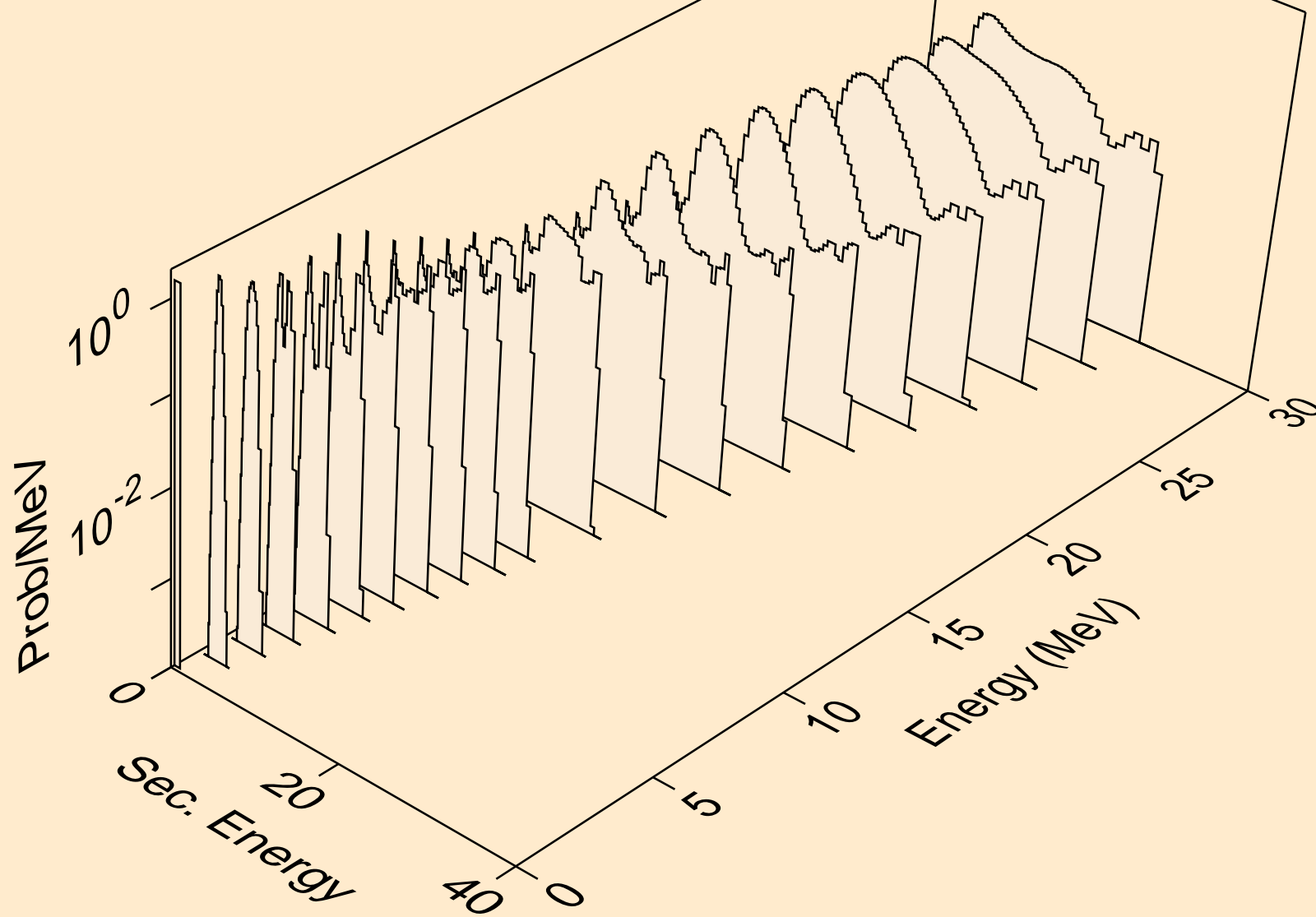
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alphas from (d,npa)



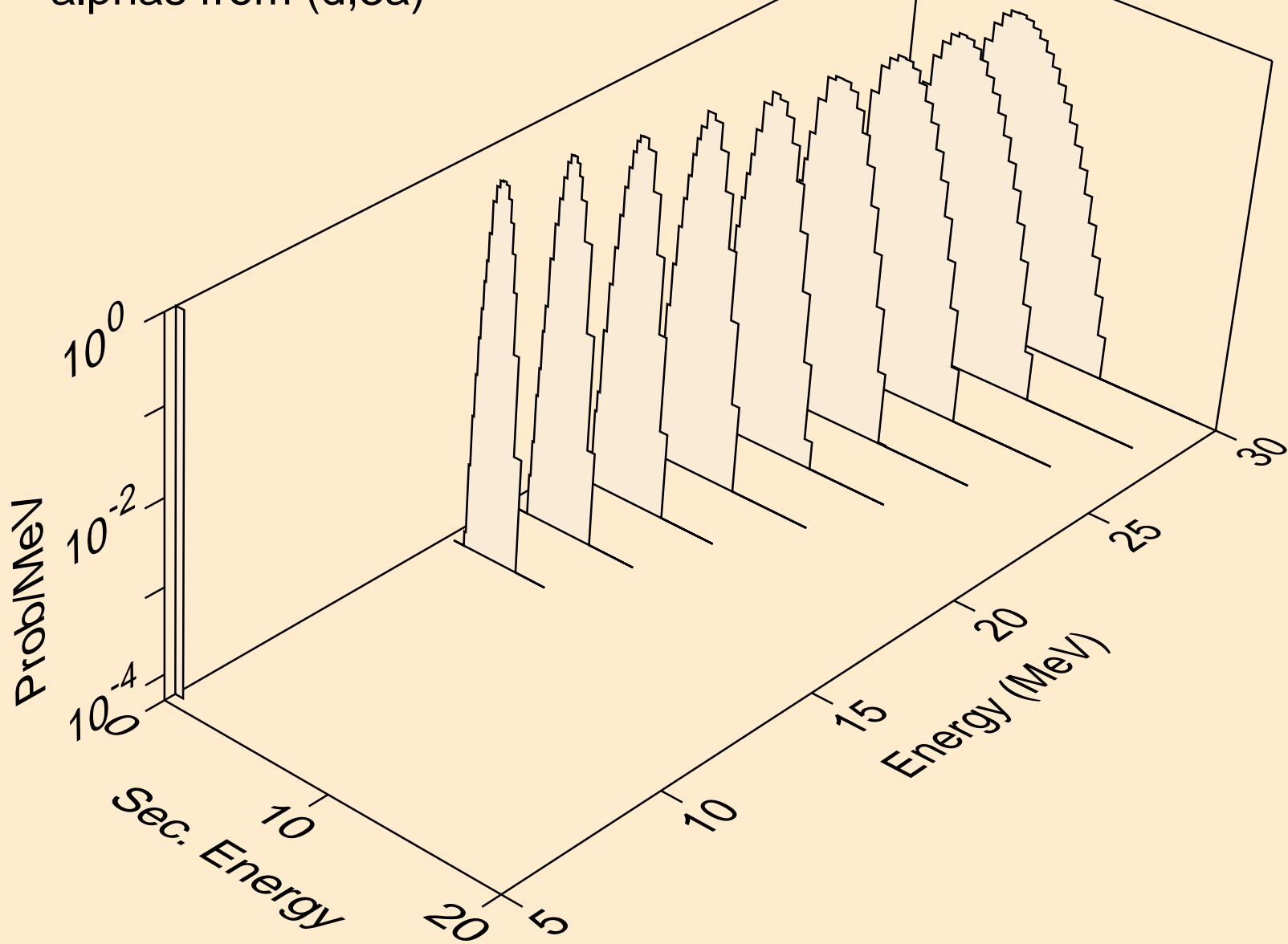
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,a)



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2a)

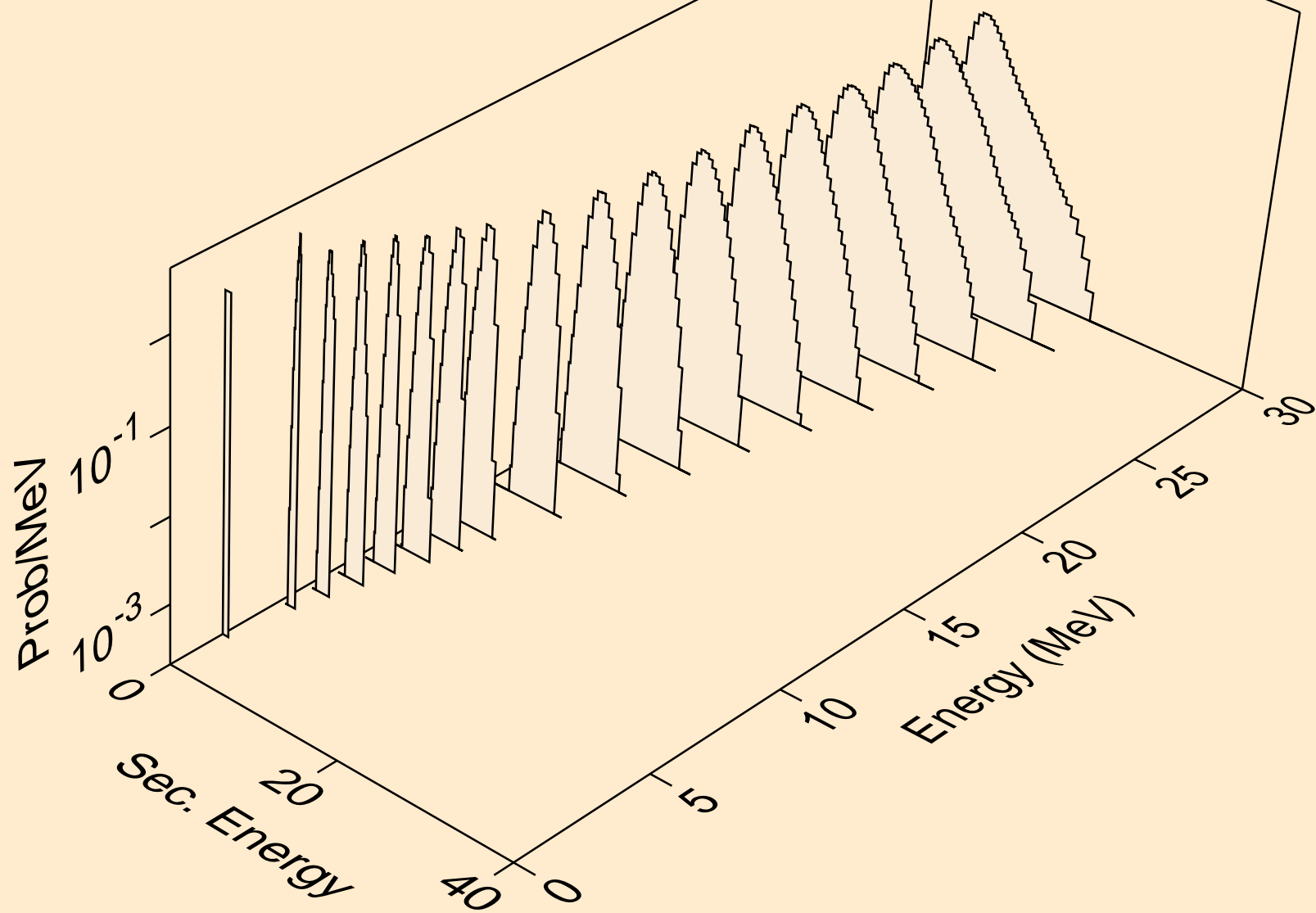


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alphas from (d,3a)

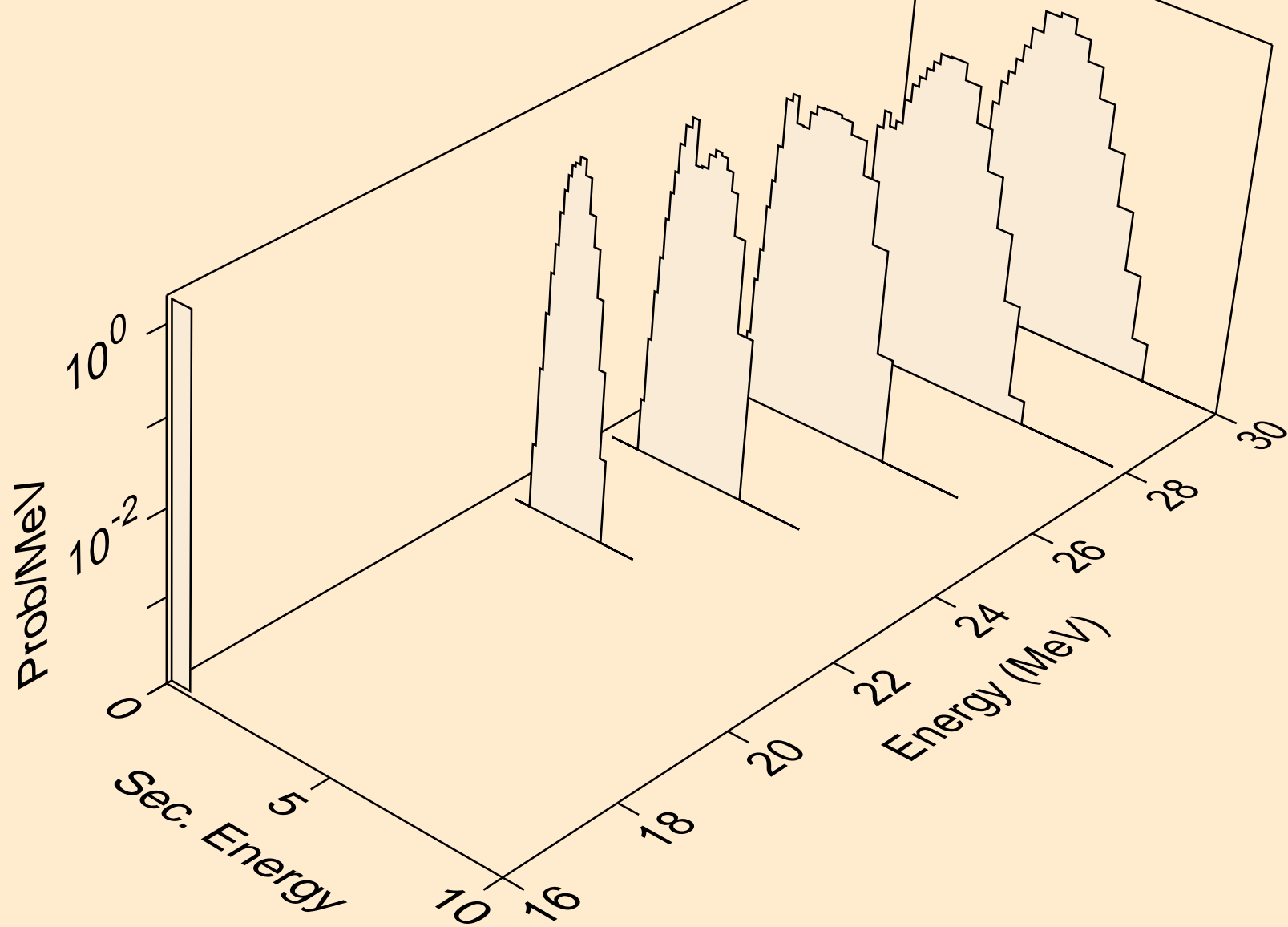




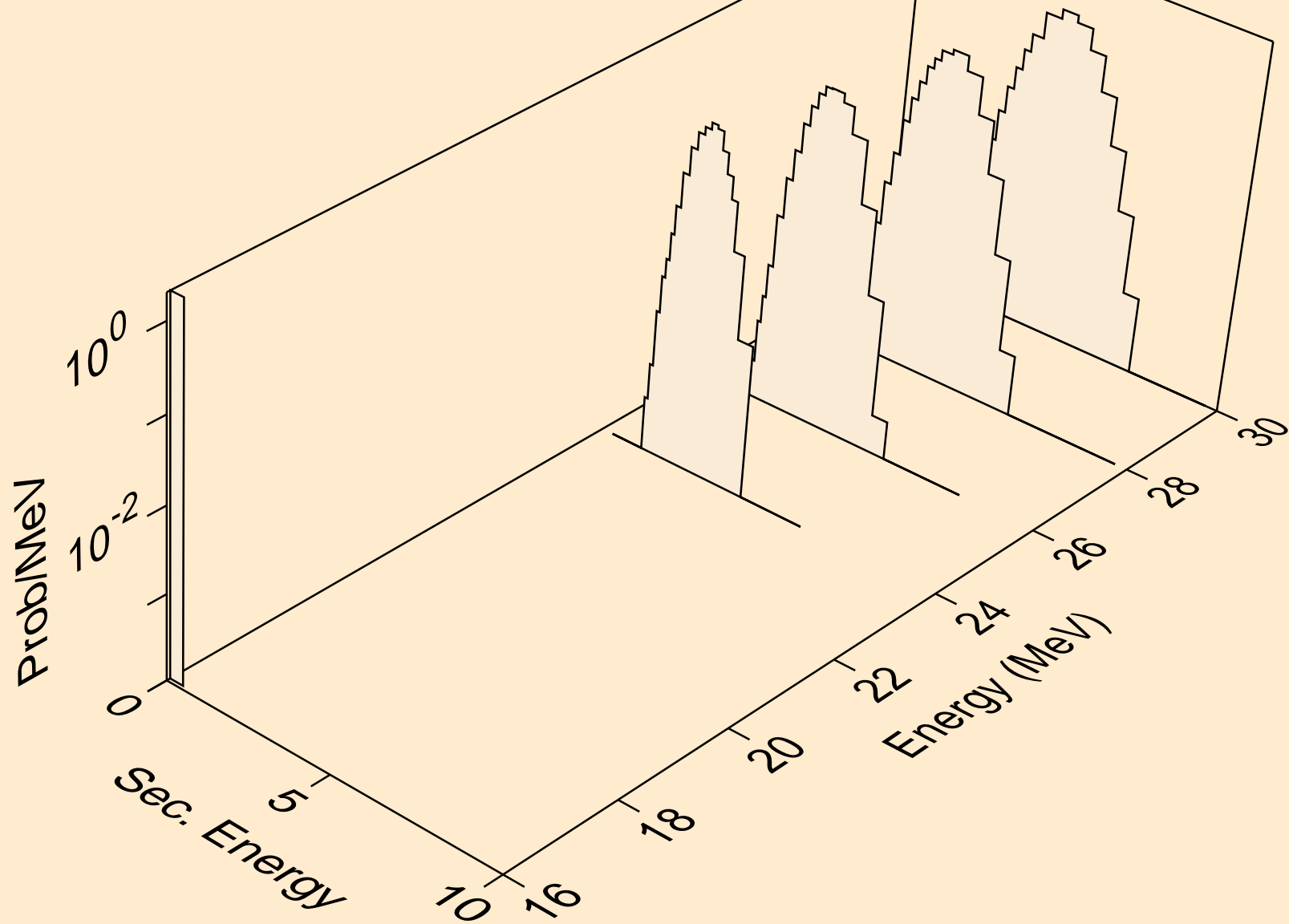
K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,t2a)



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,d2a)



K042 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

