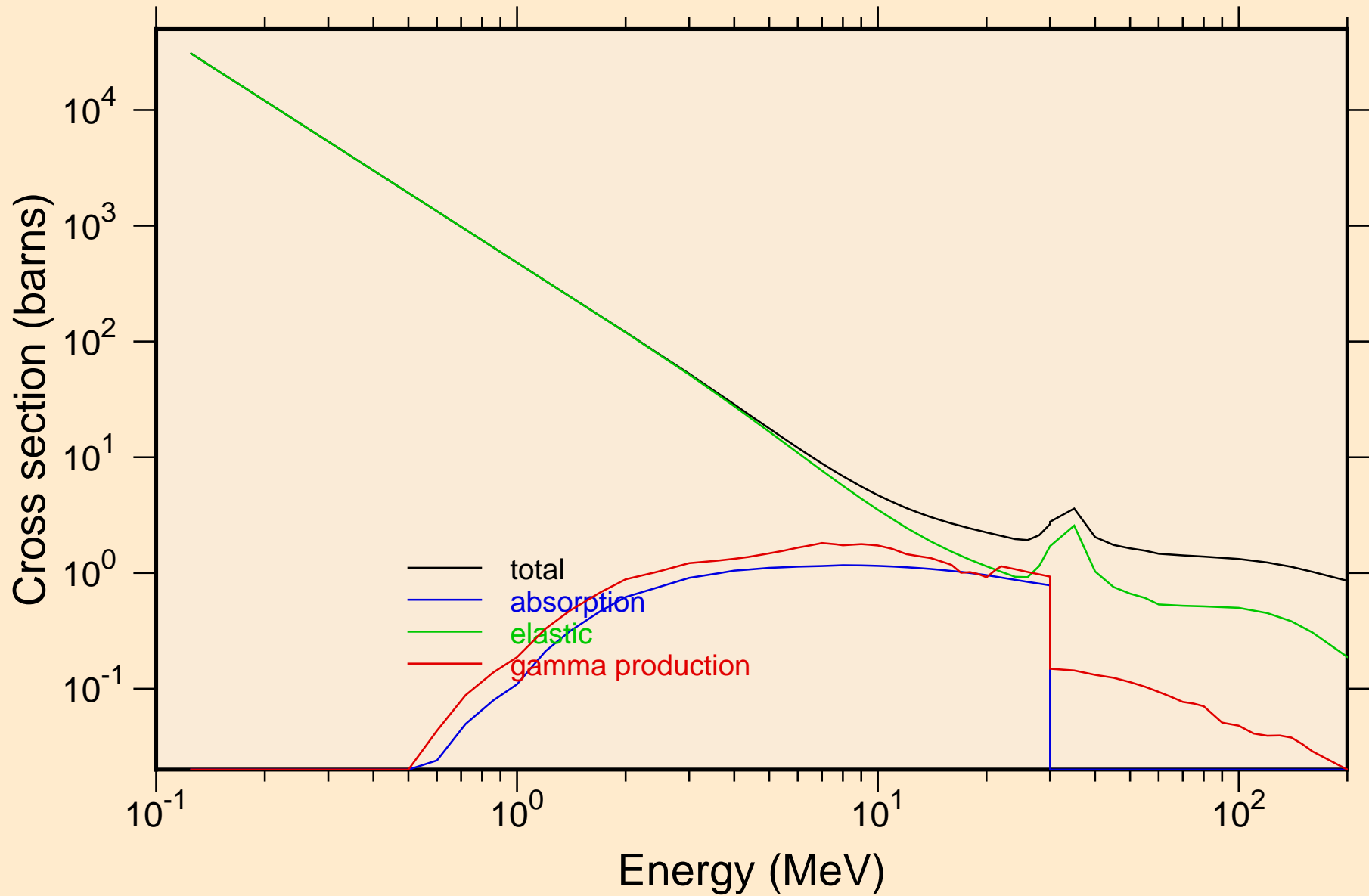


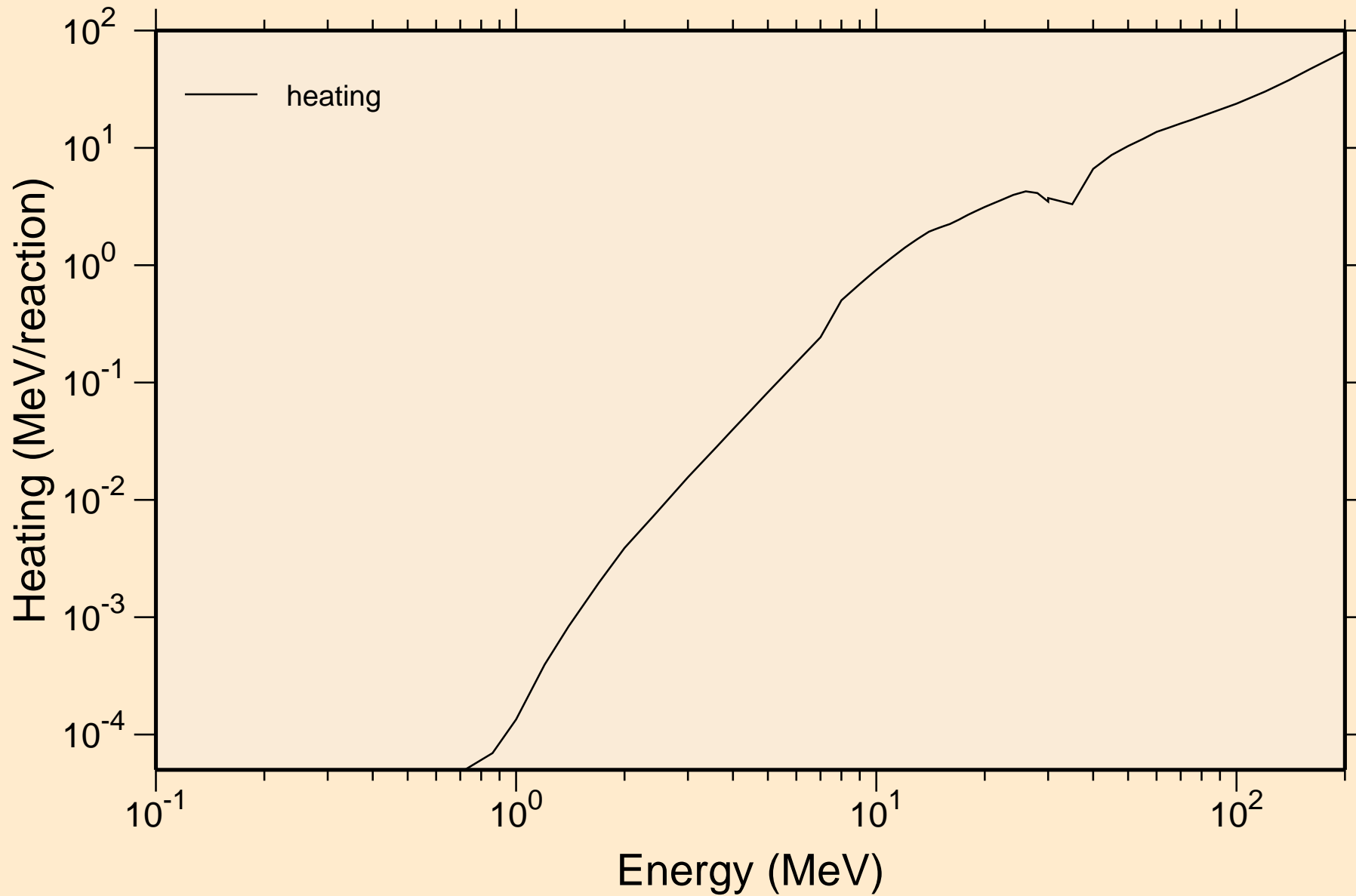
# O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

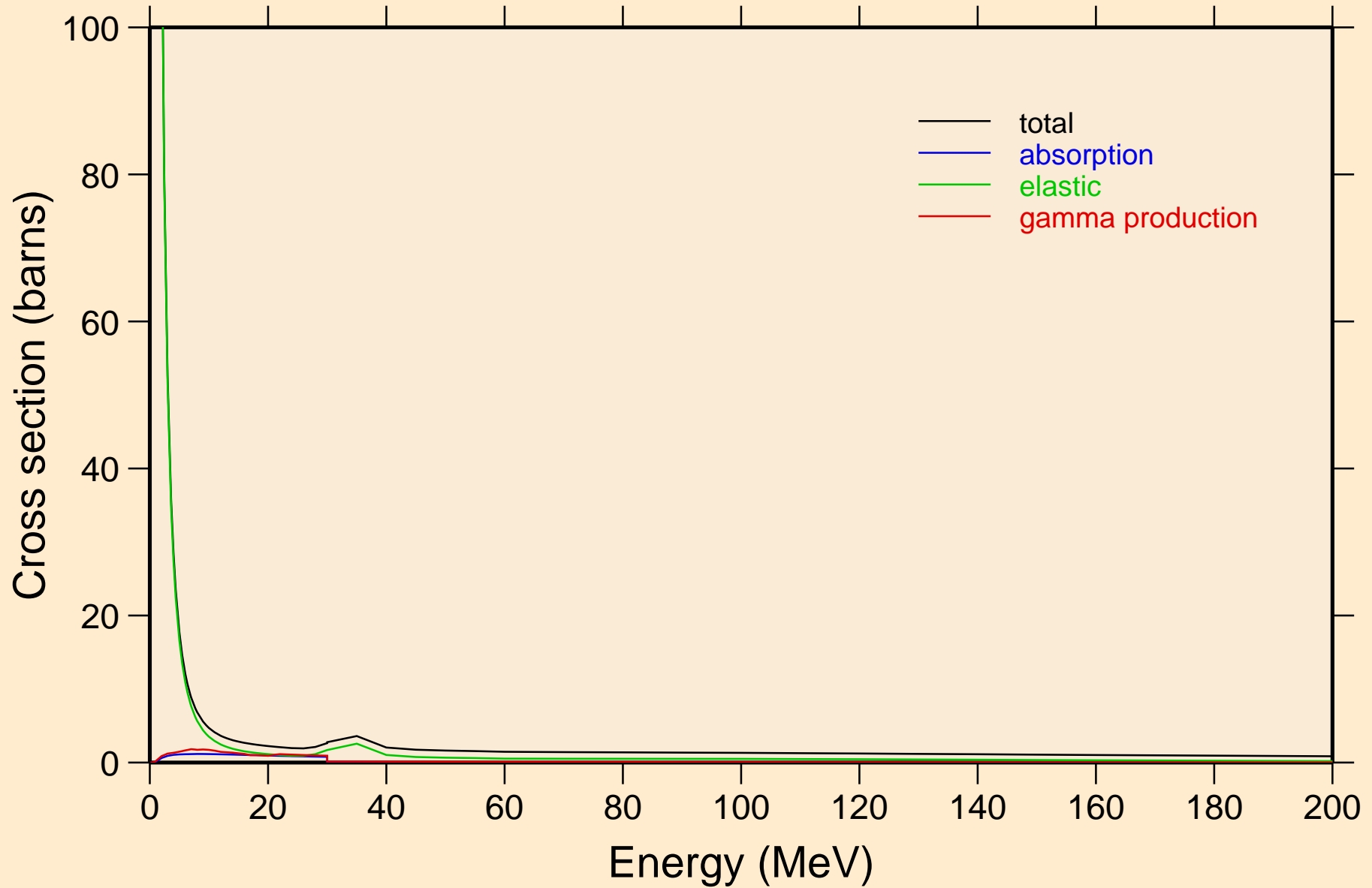


# O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

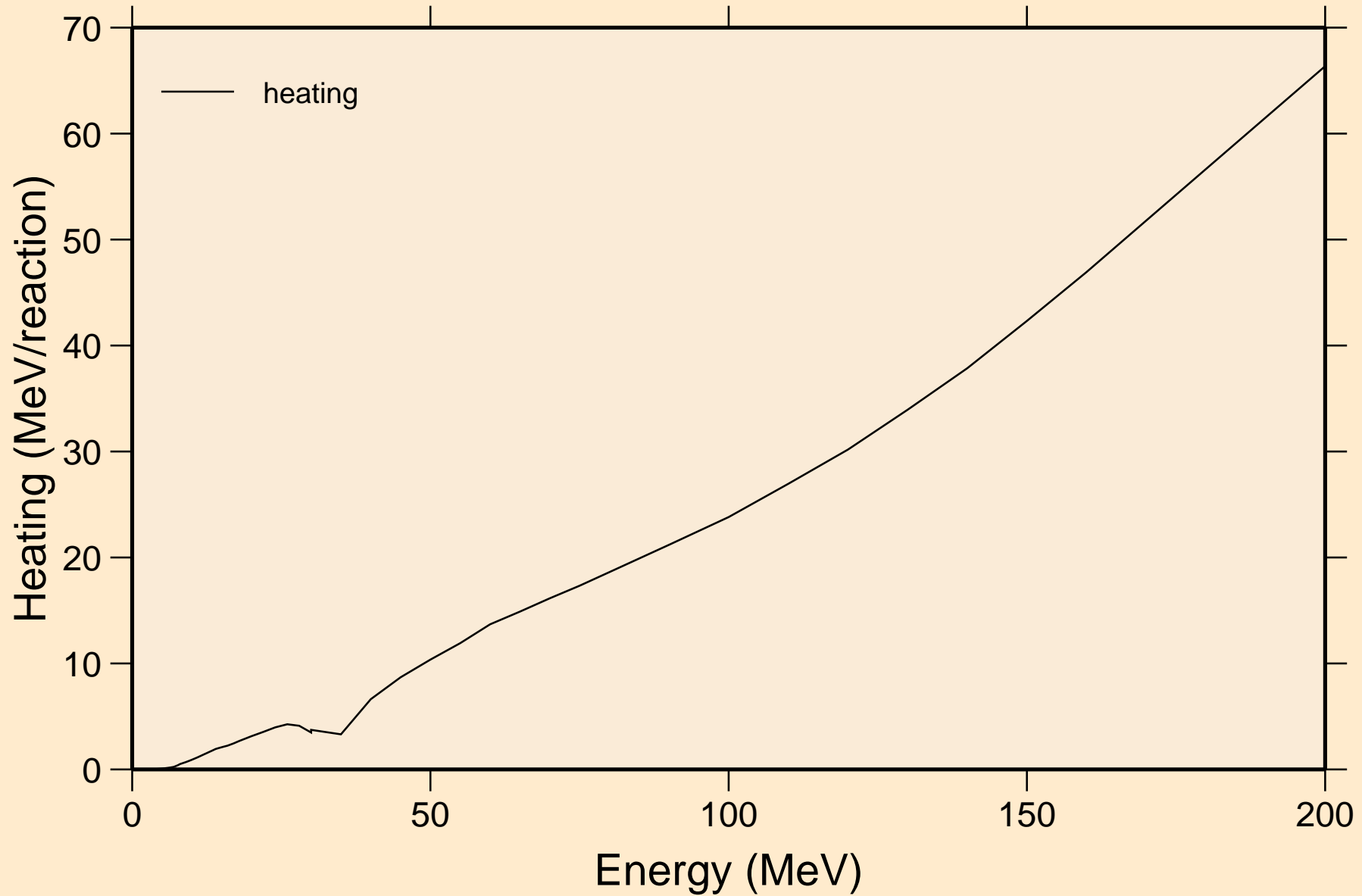


O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



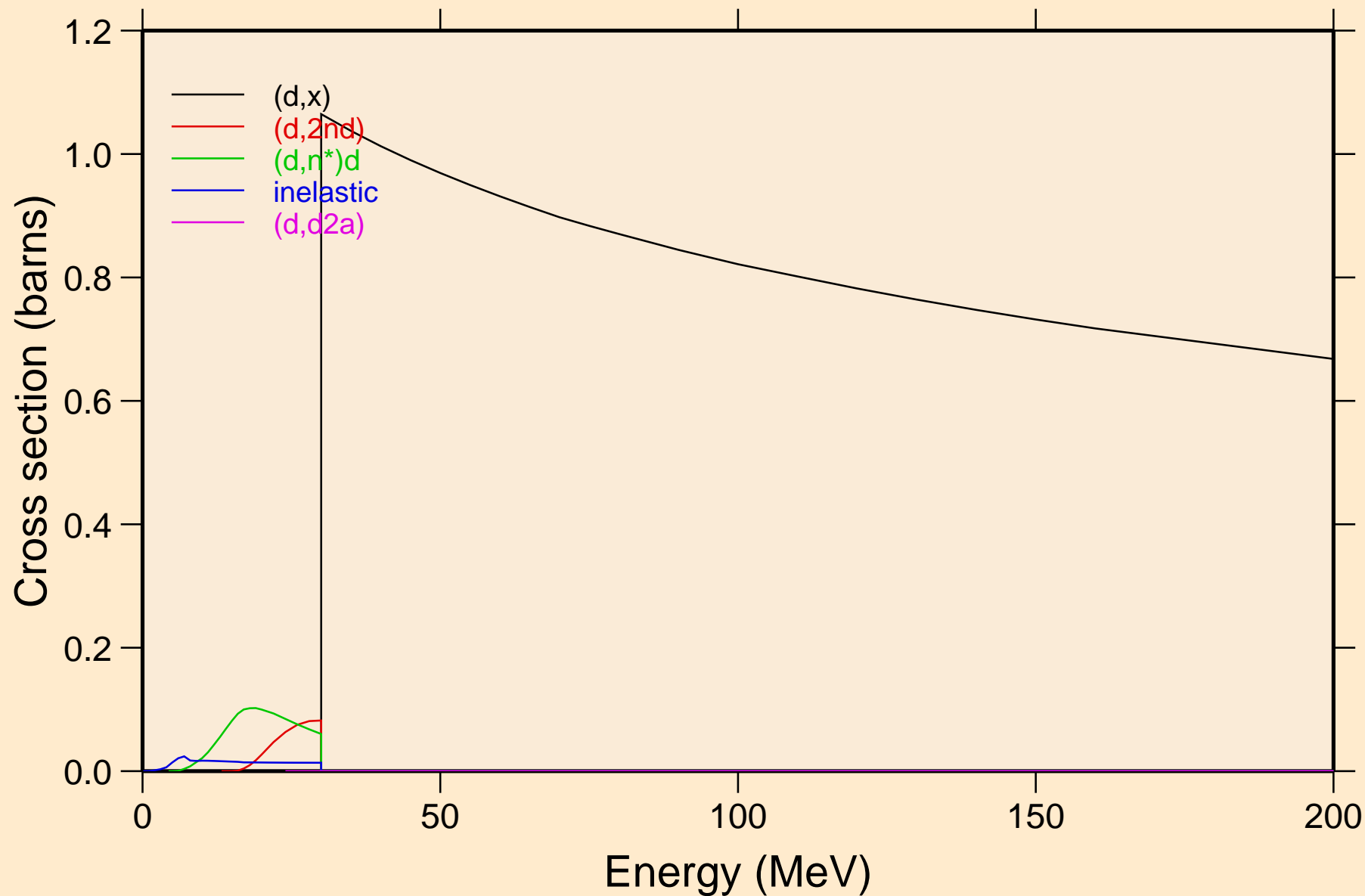
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## Heating

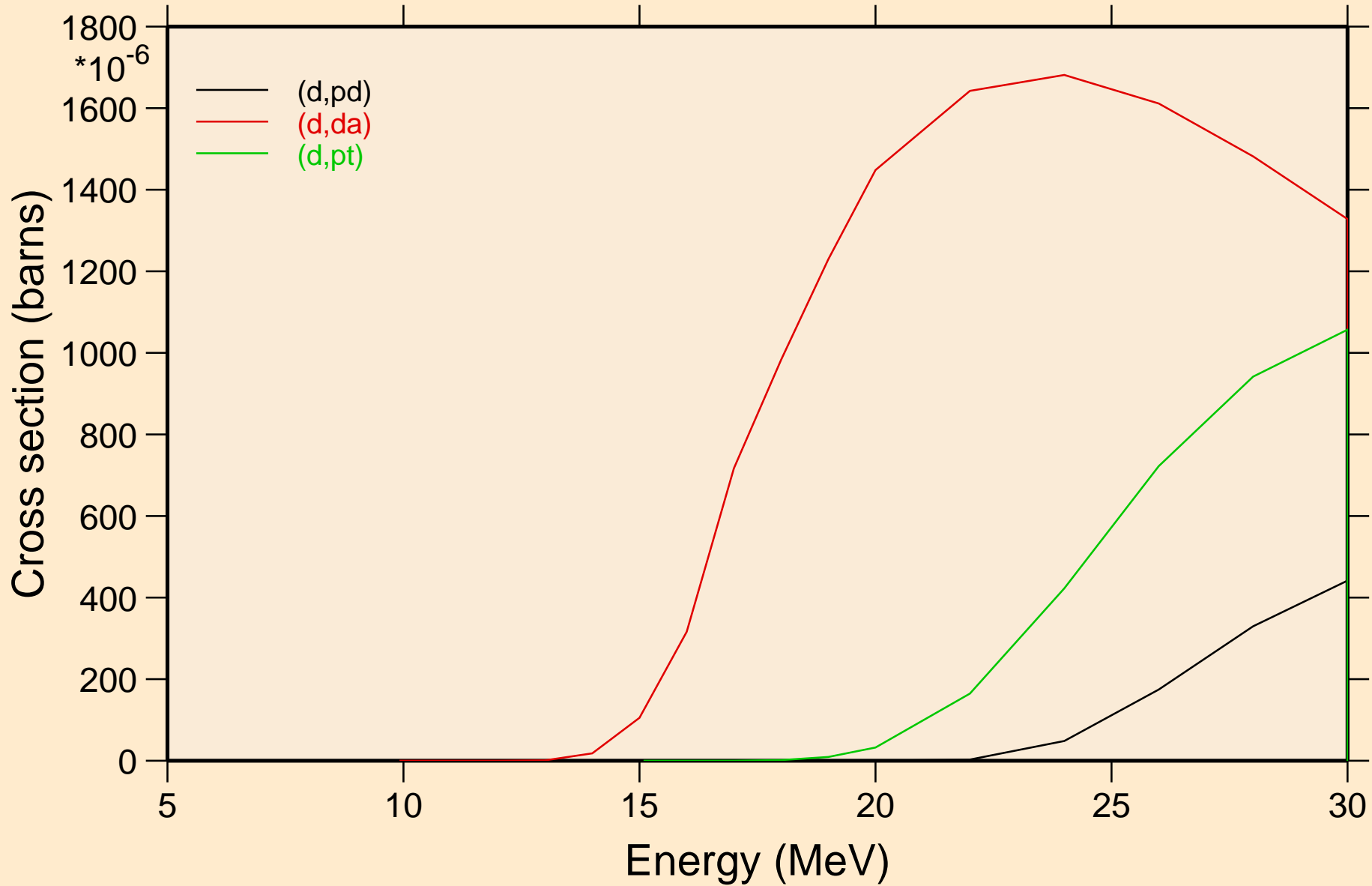


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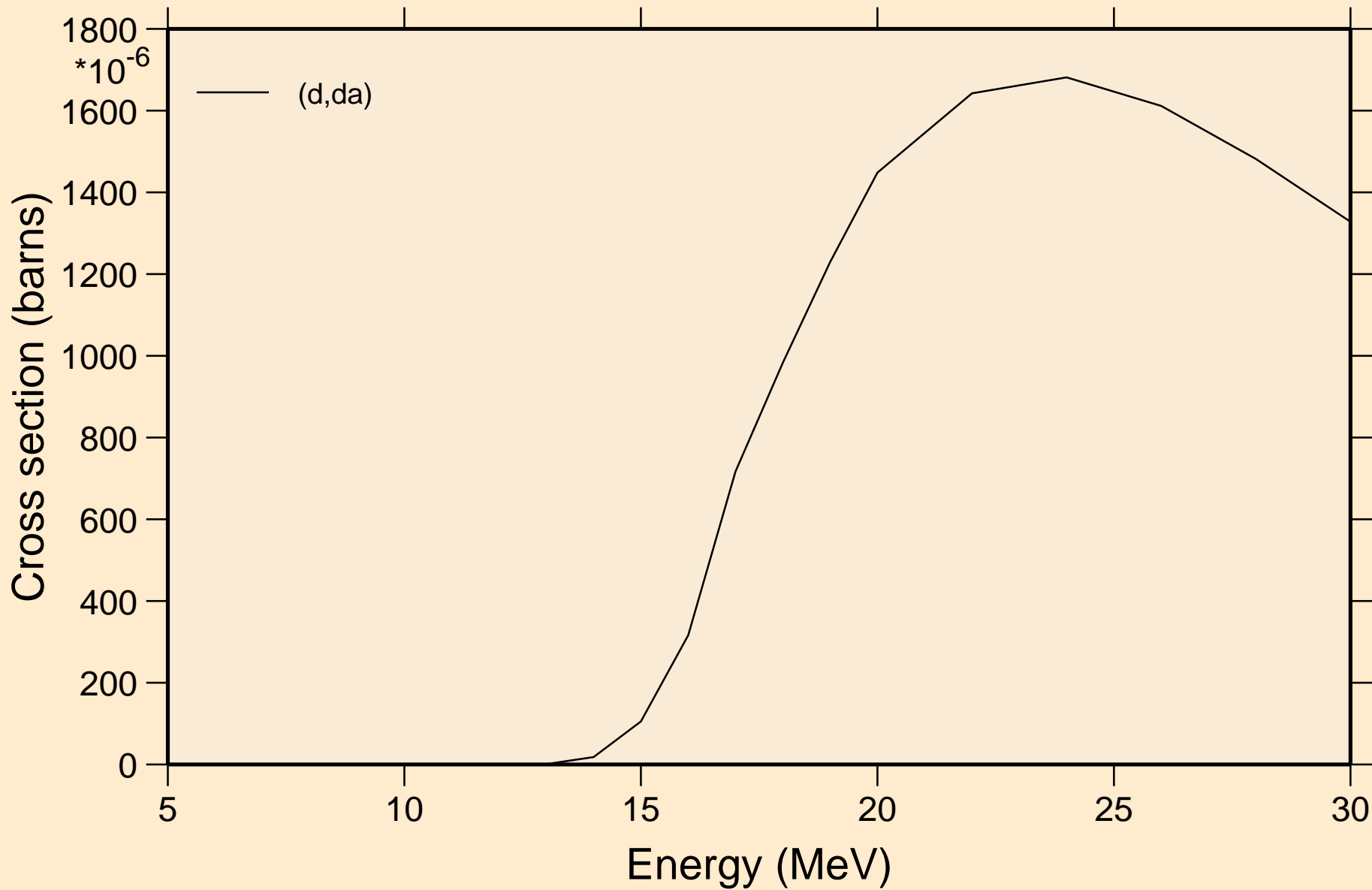
## Threshold reactions



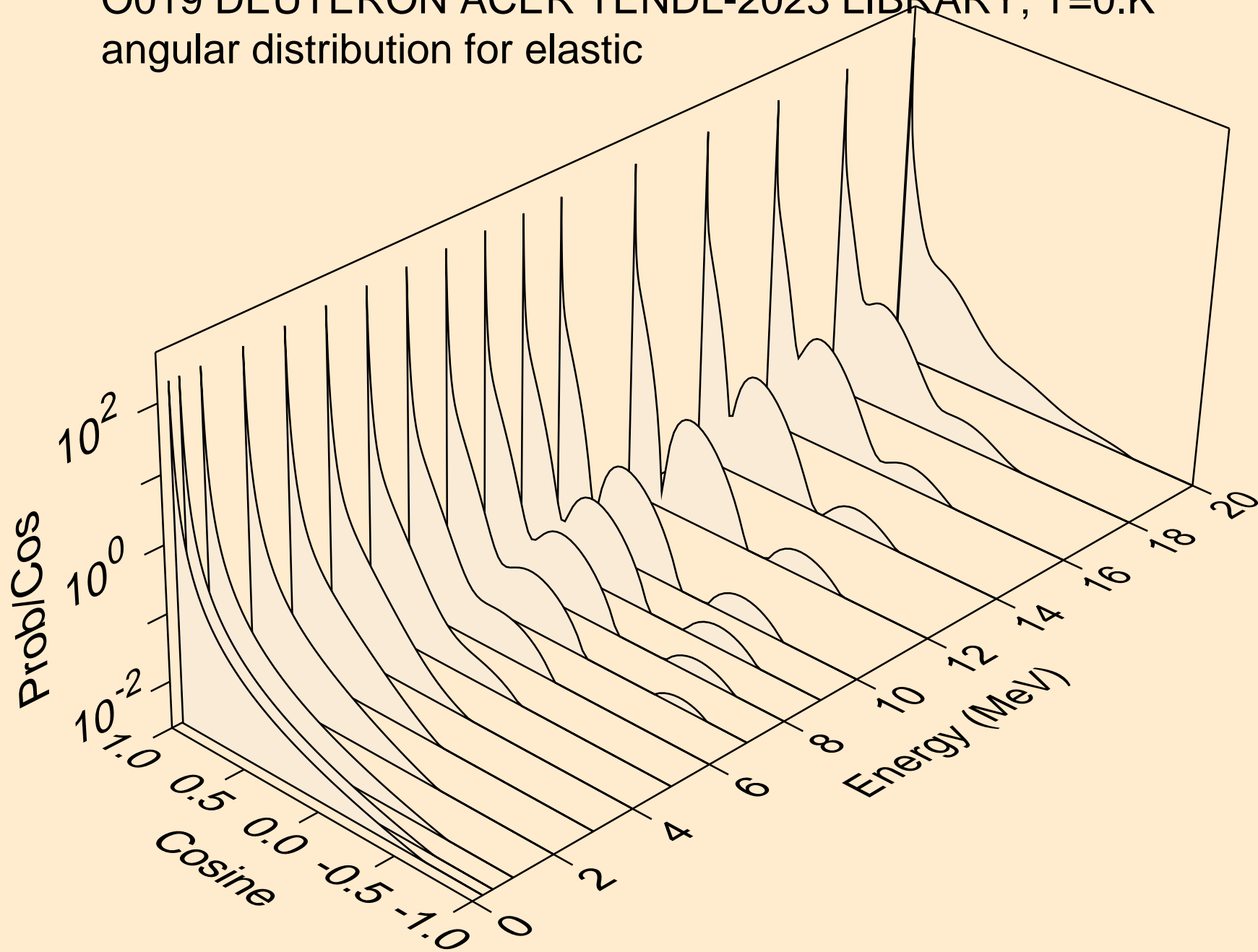
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

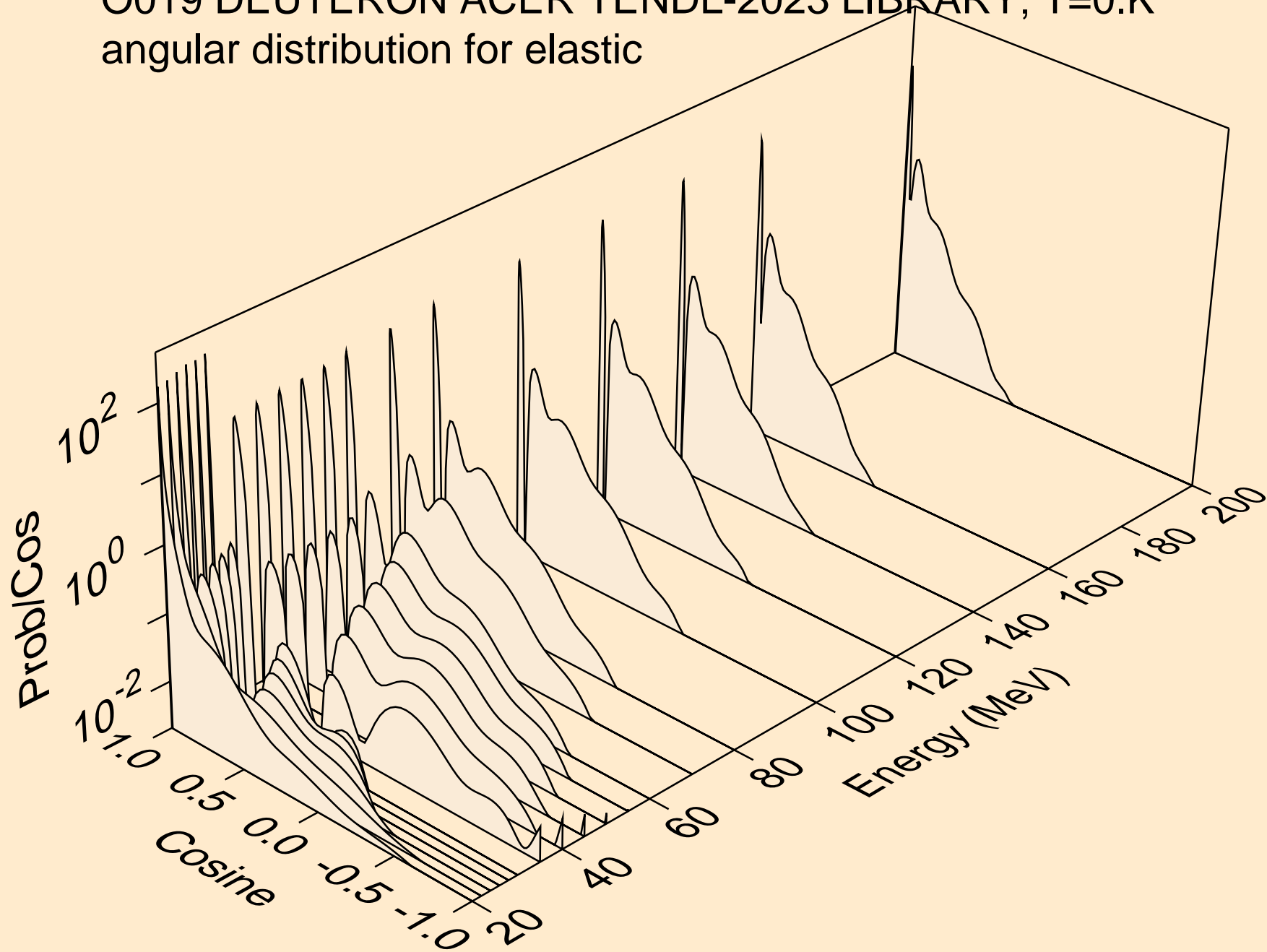


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angular distribution for elastic

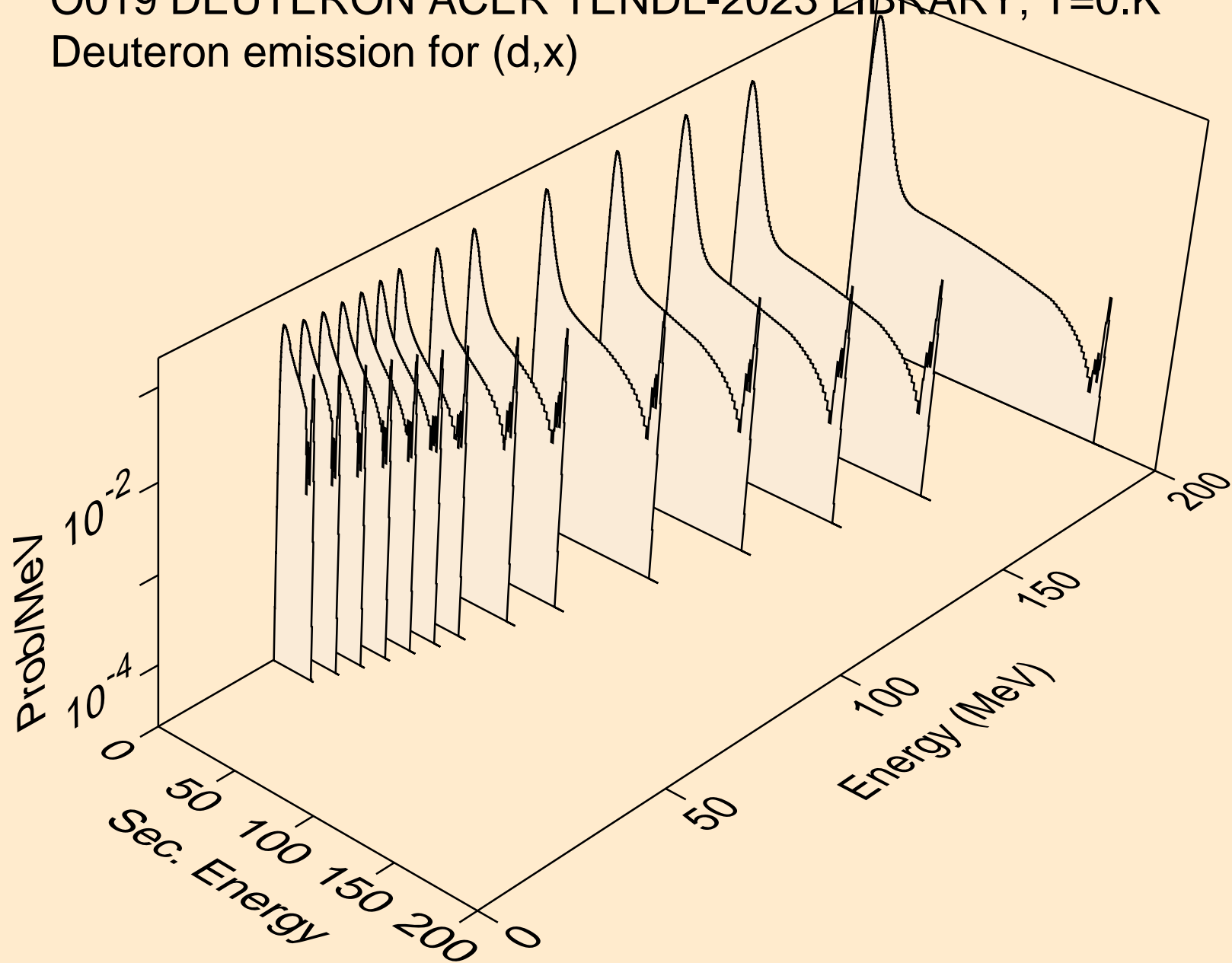




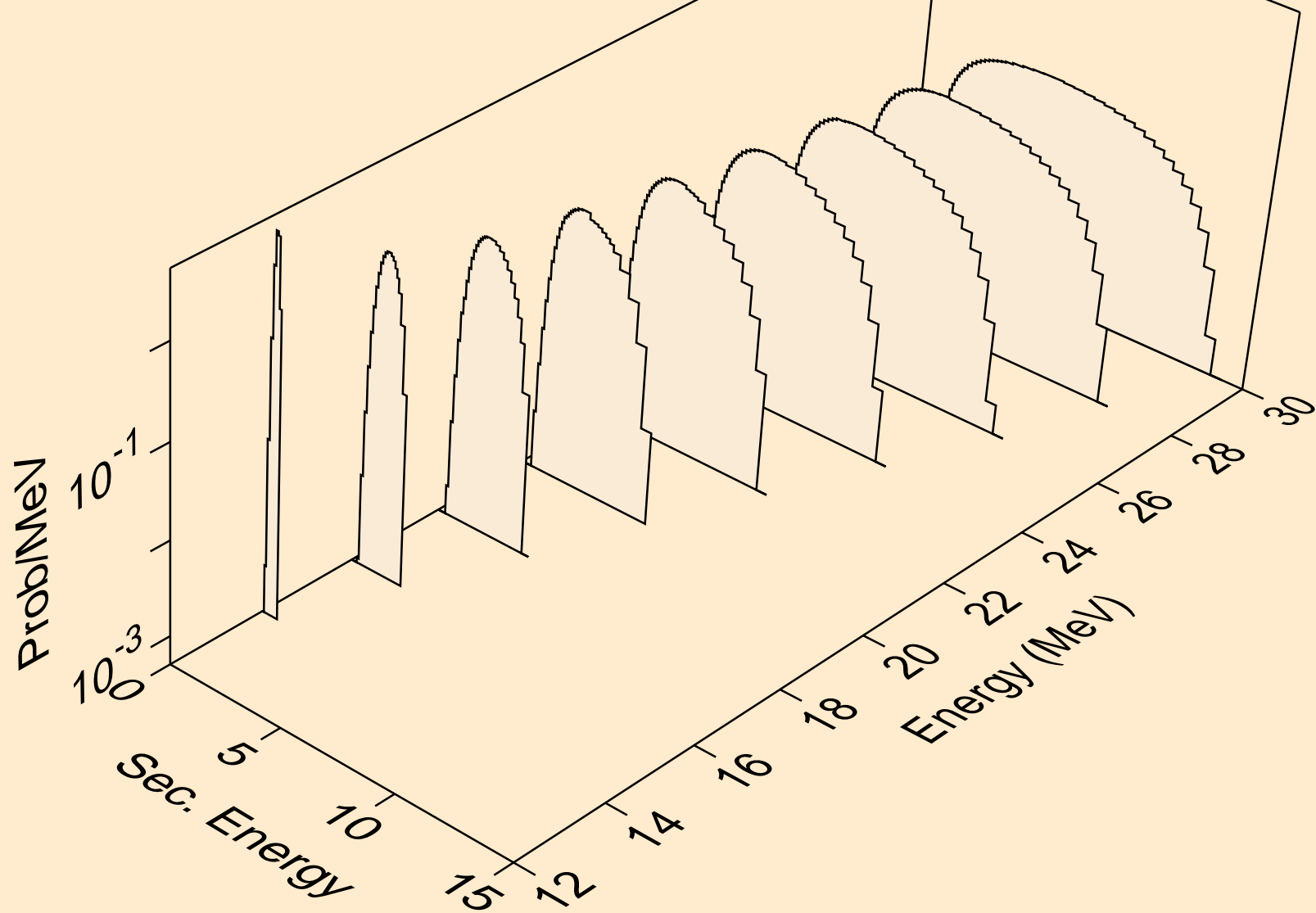
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



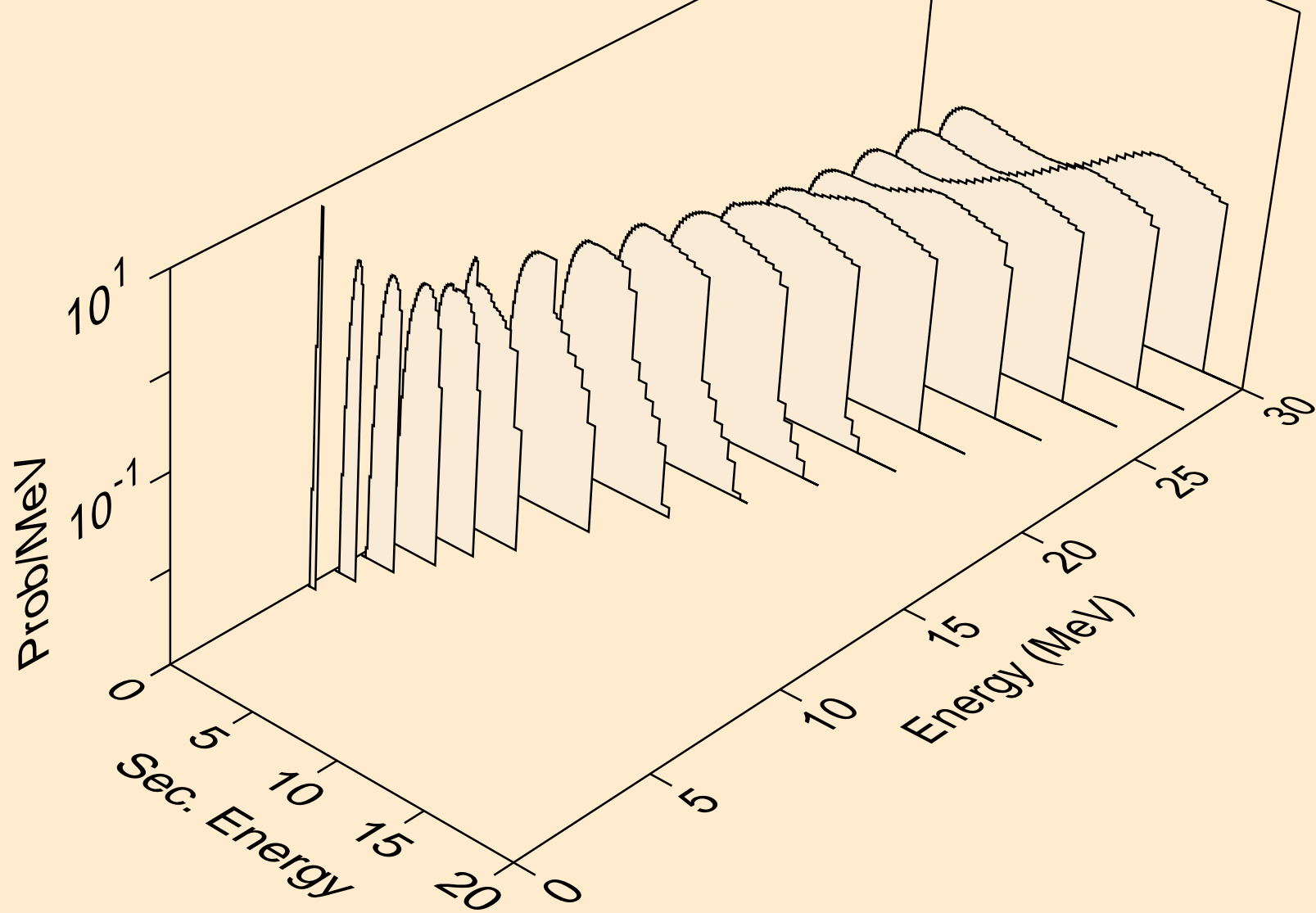
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,x)



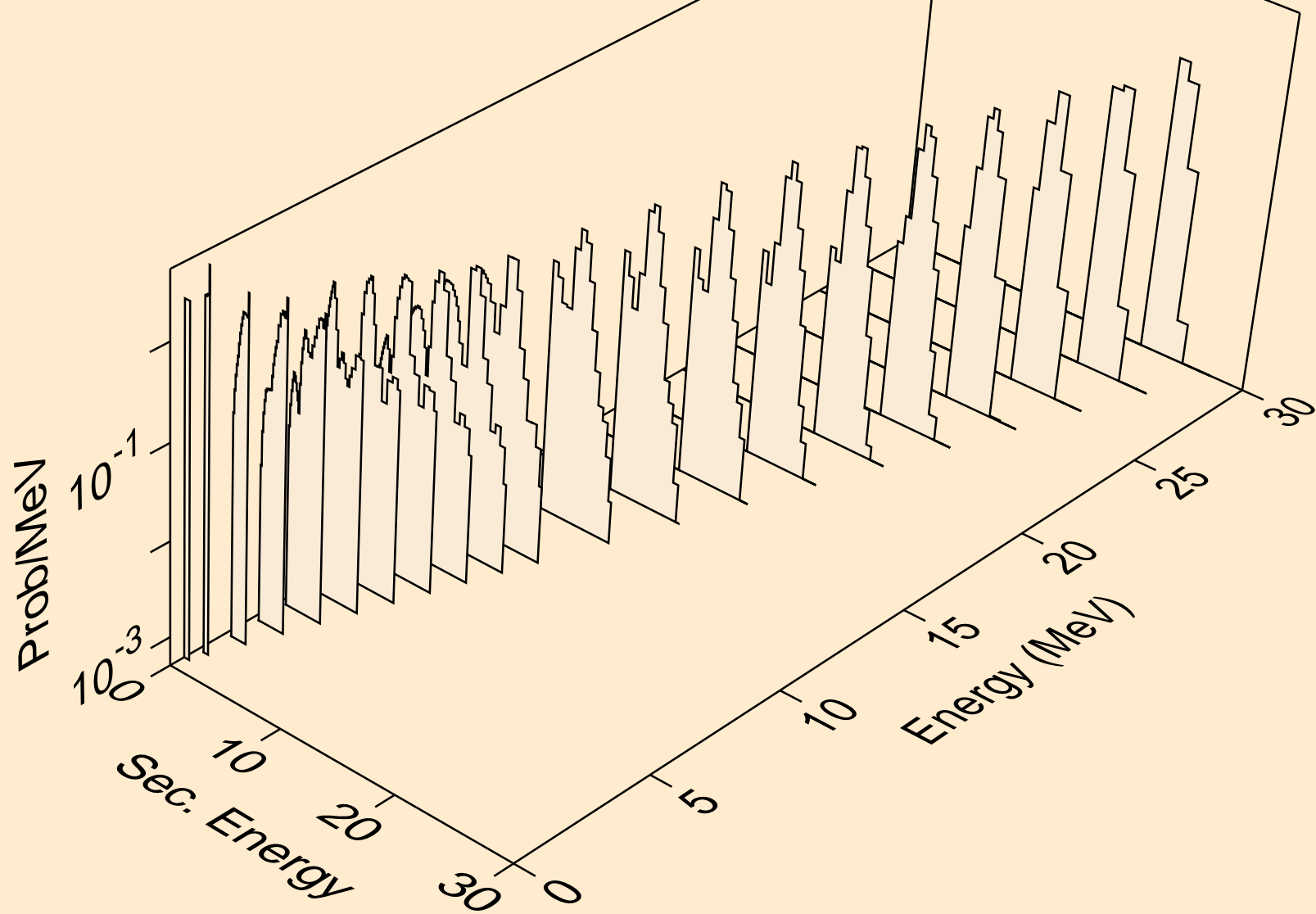
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,2nd)



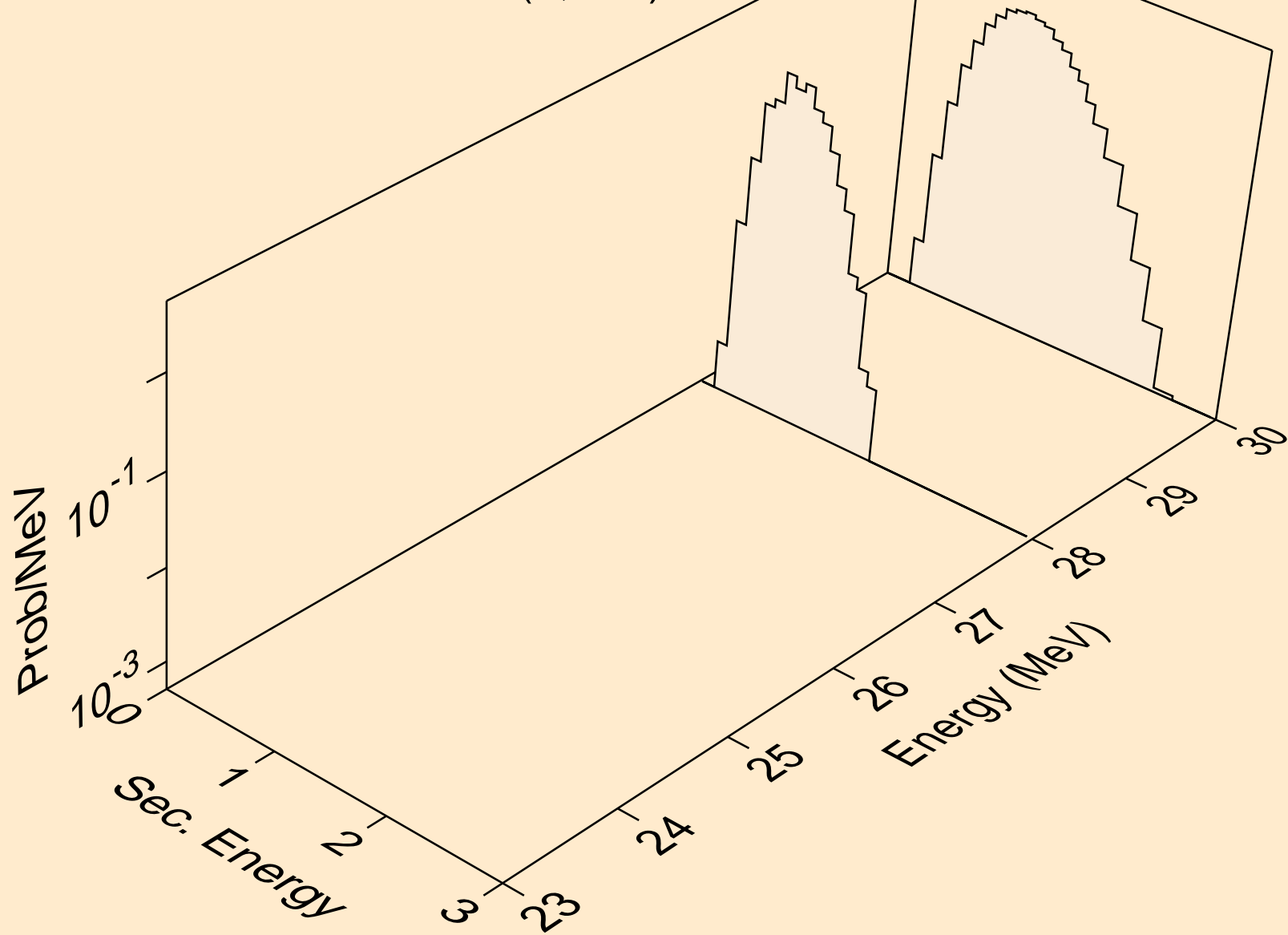
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,n\*)d



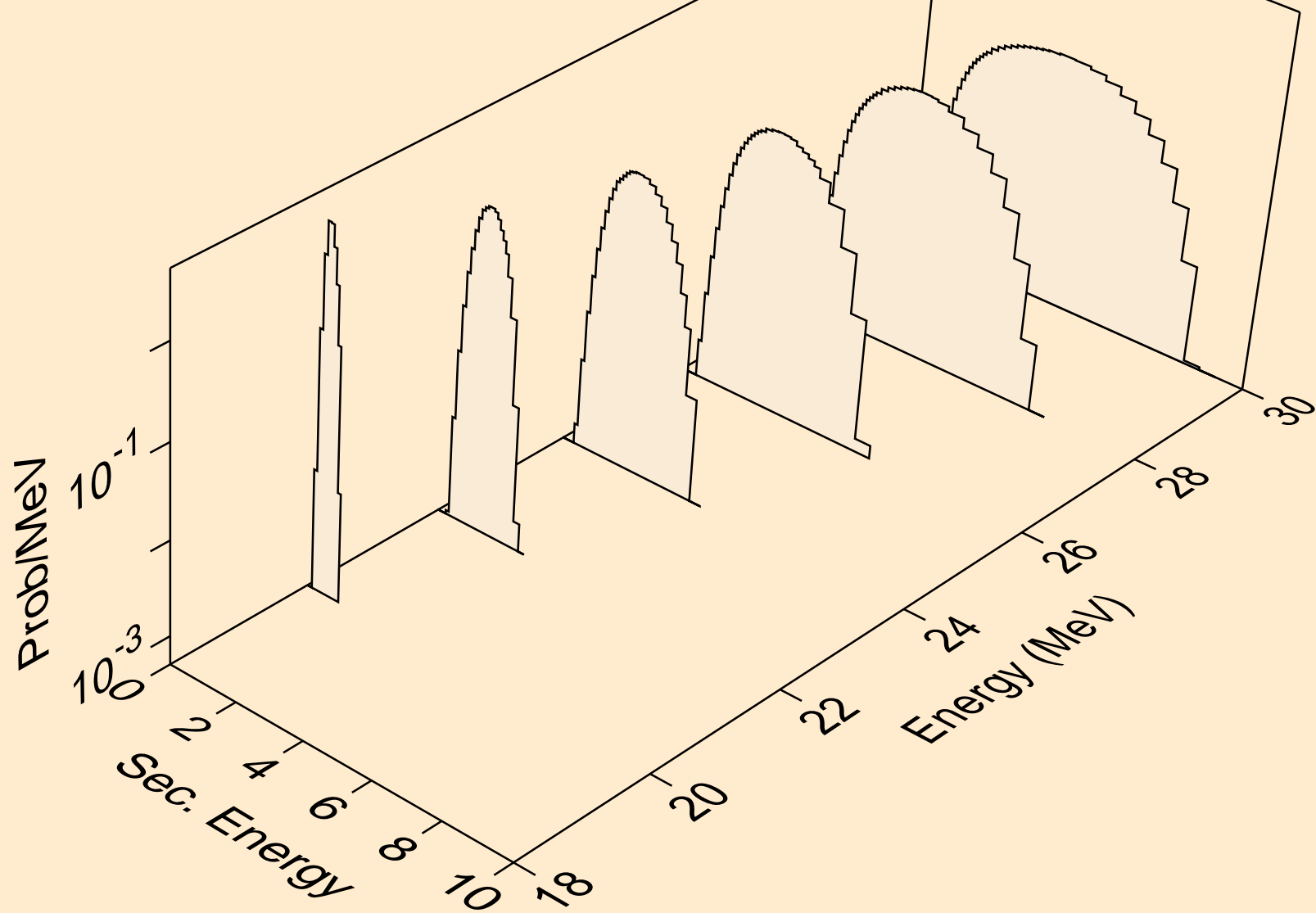
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Deuteron emission for inelastic



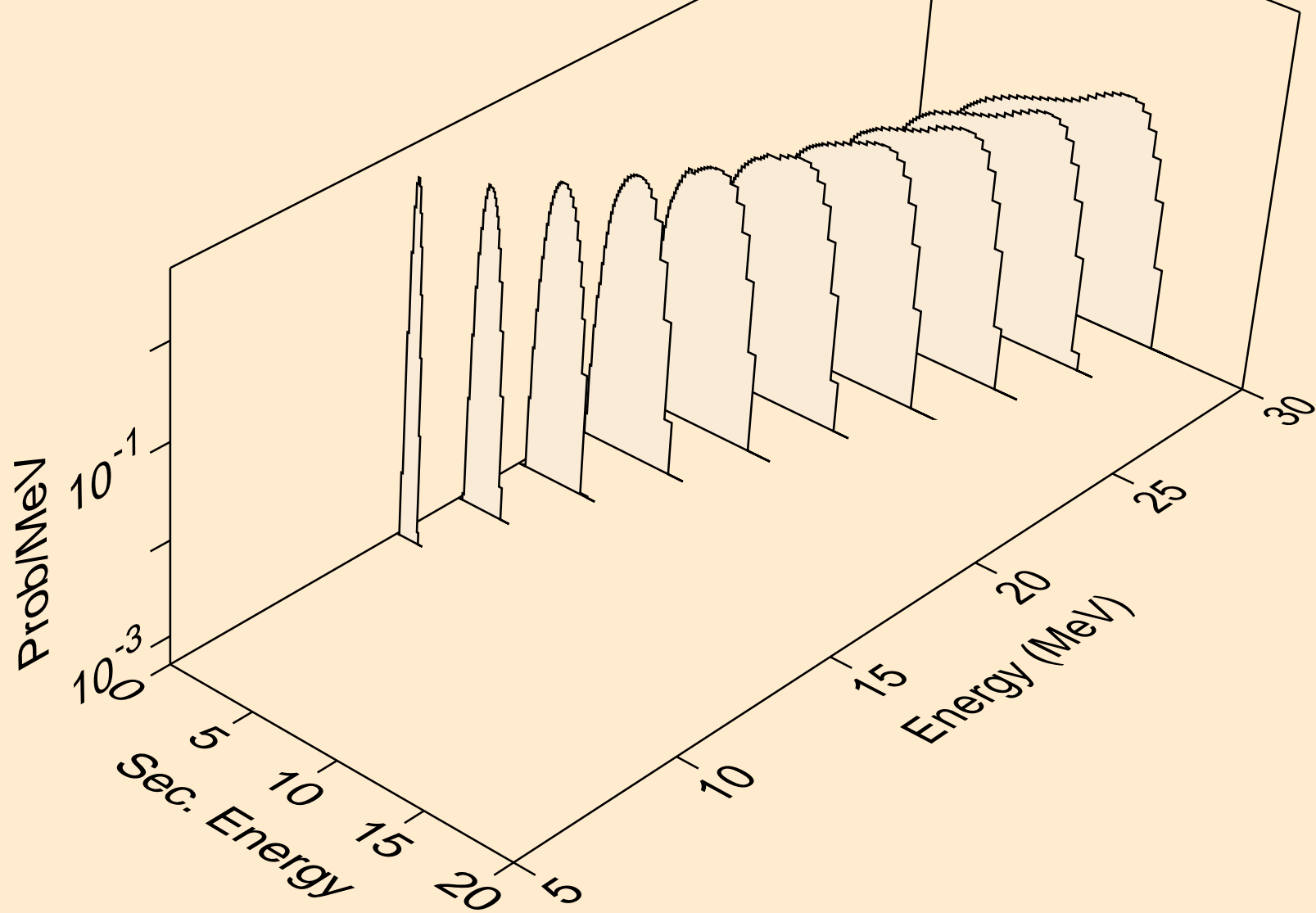
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,d2a)



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)

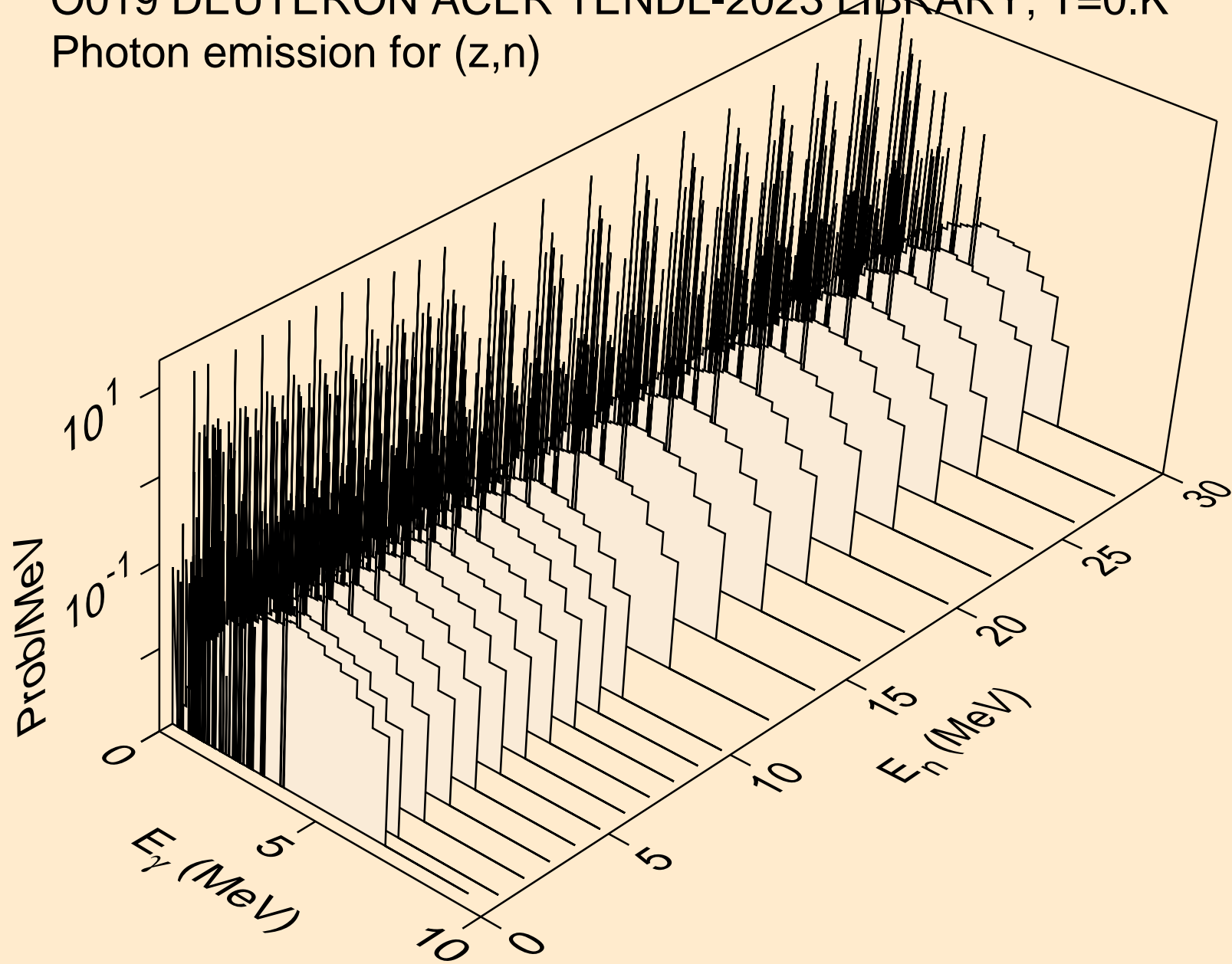


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Deuteron emission for (d,da)

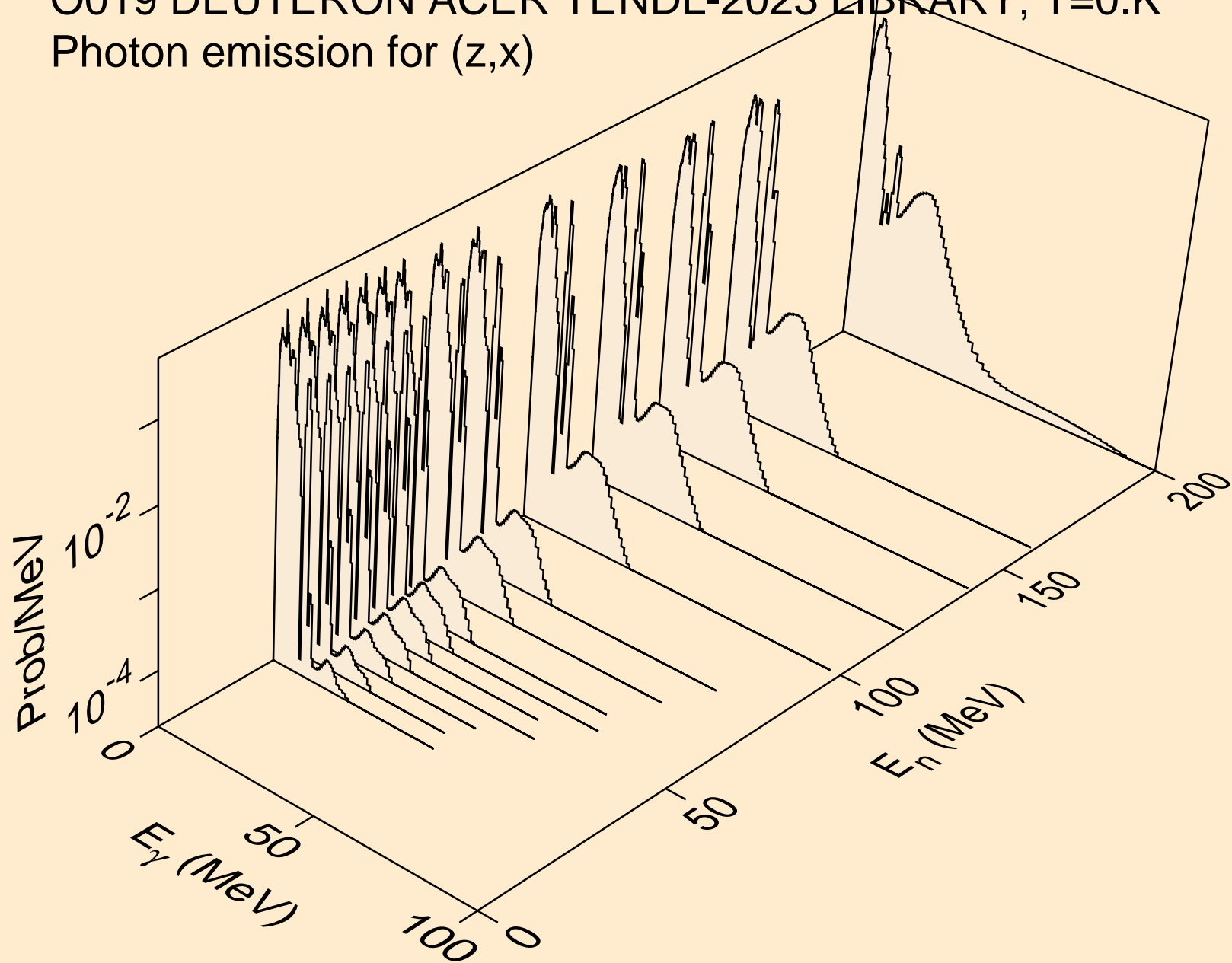




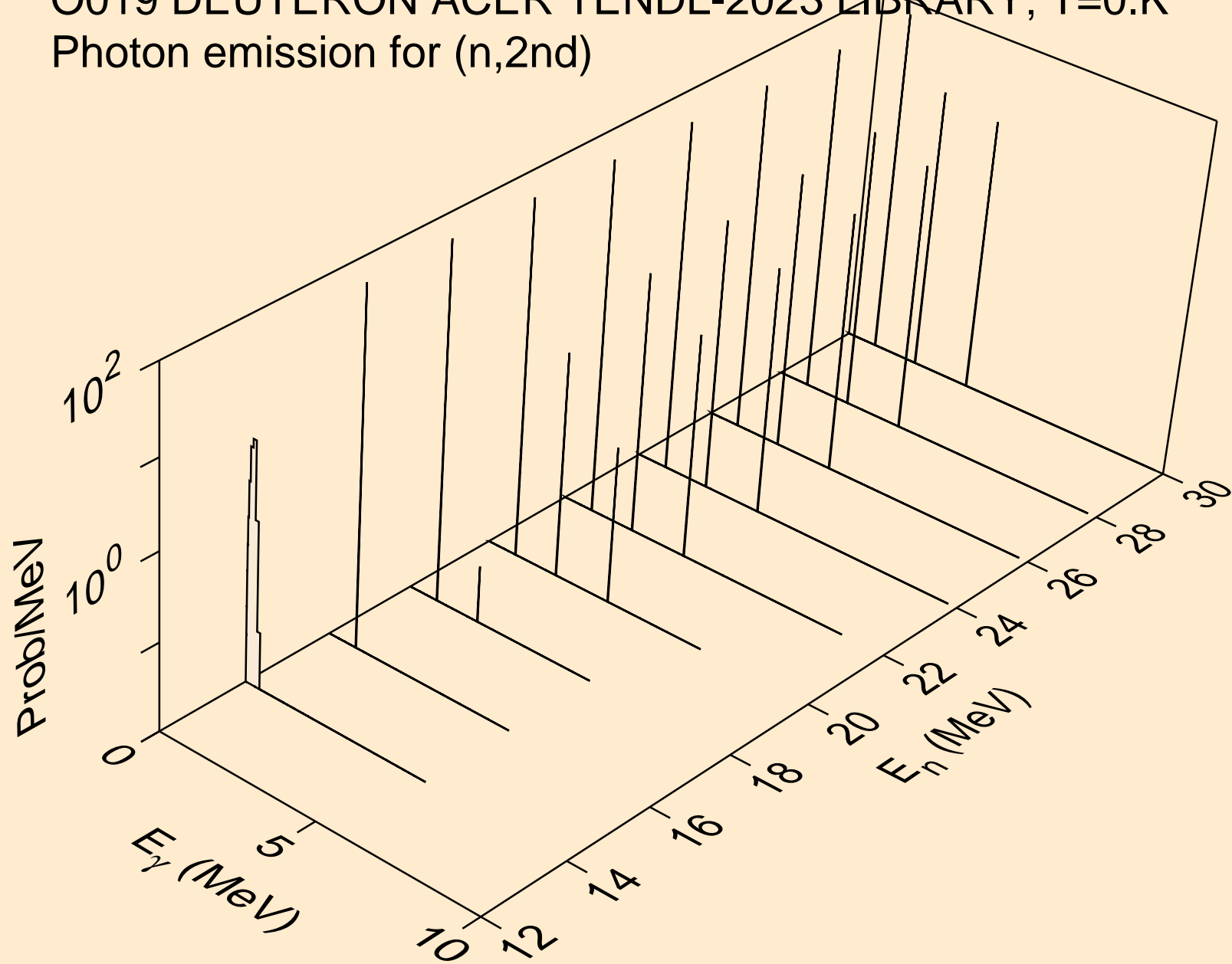
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Photon emission for (z,n)



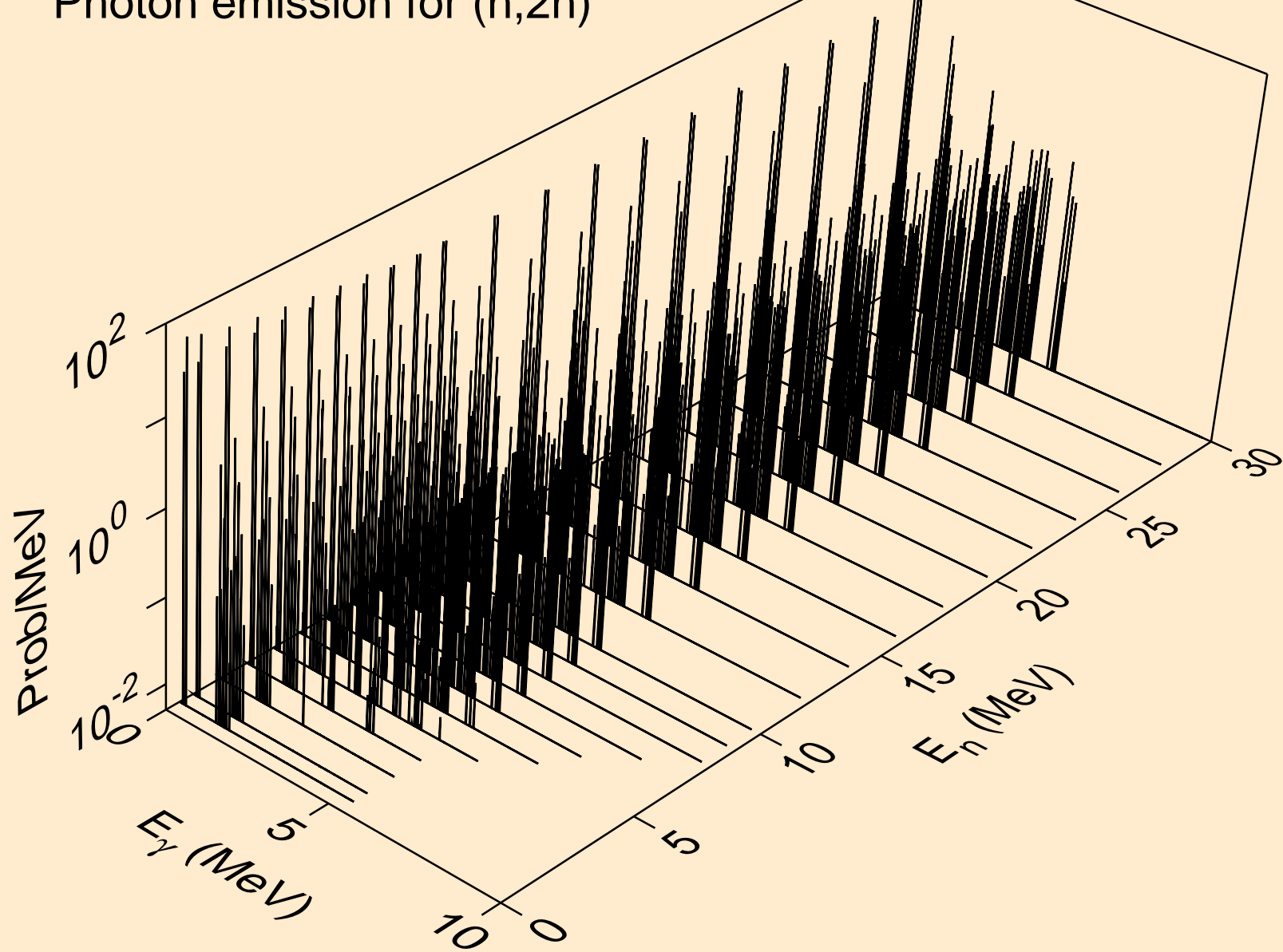
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Photon emission for (z,x)



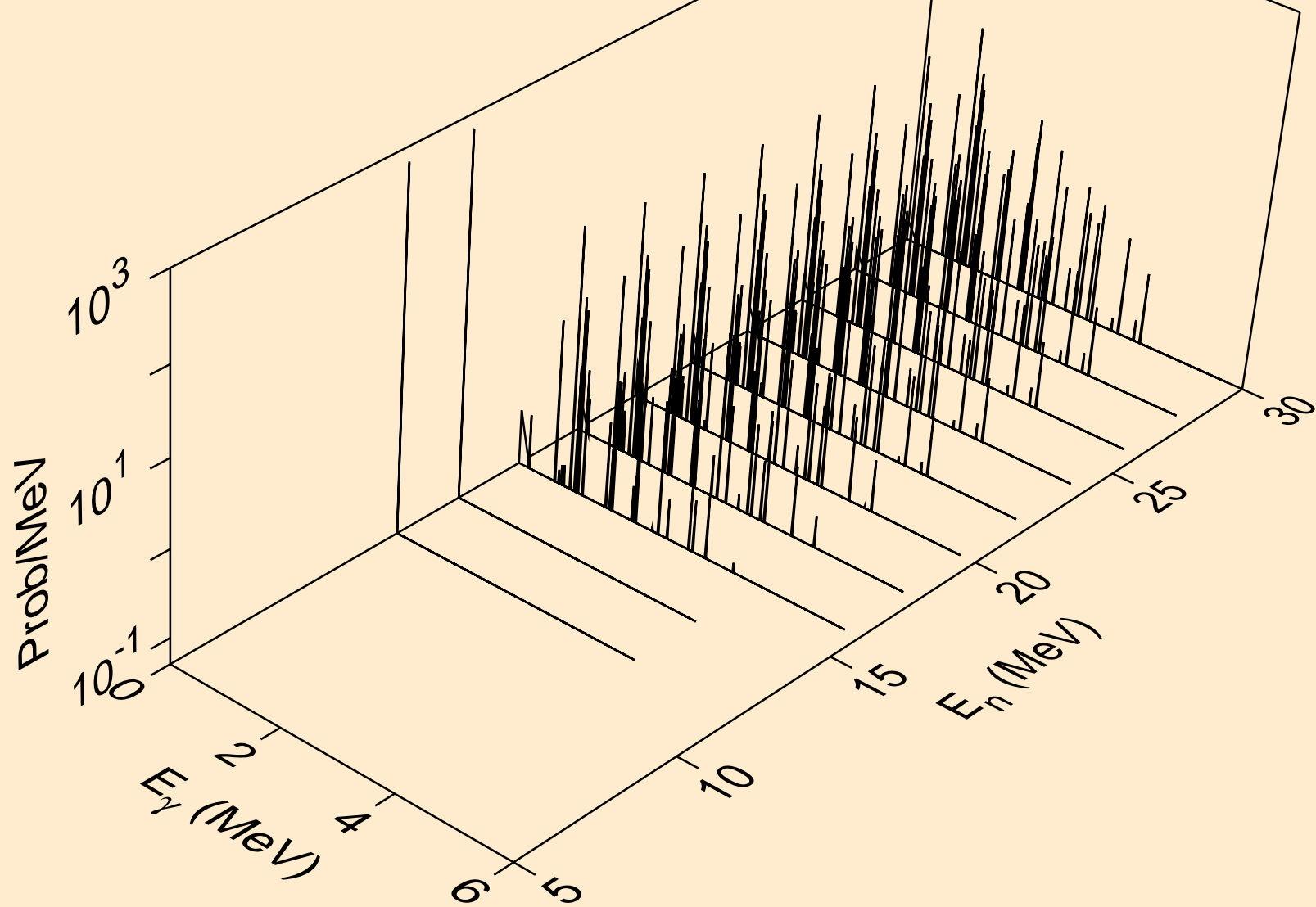
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Photon emission for (n,2nd)



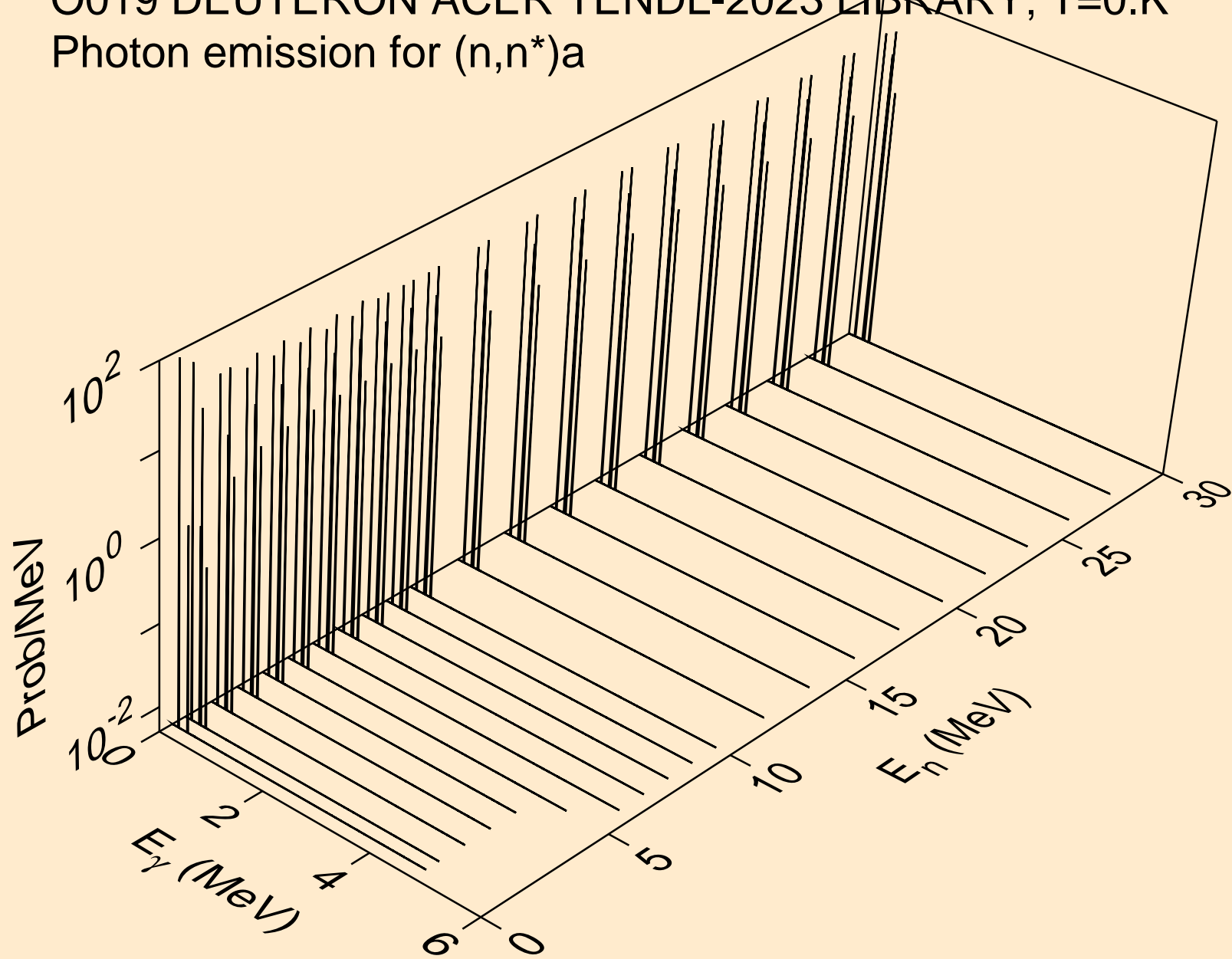
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Photon emission for (n,2n)



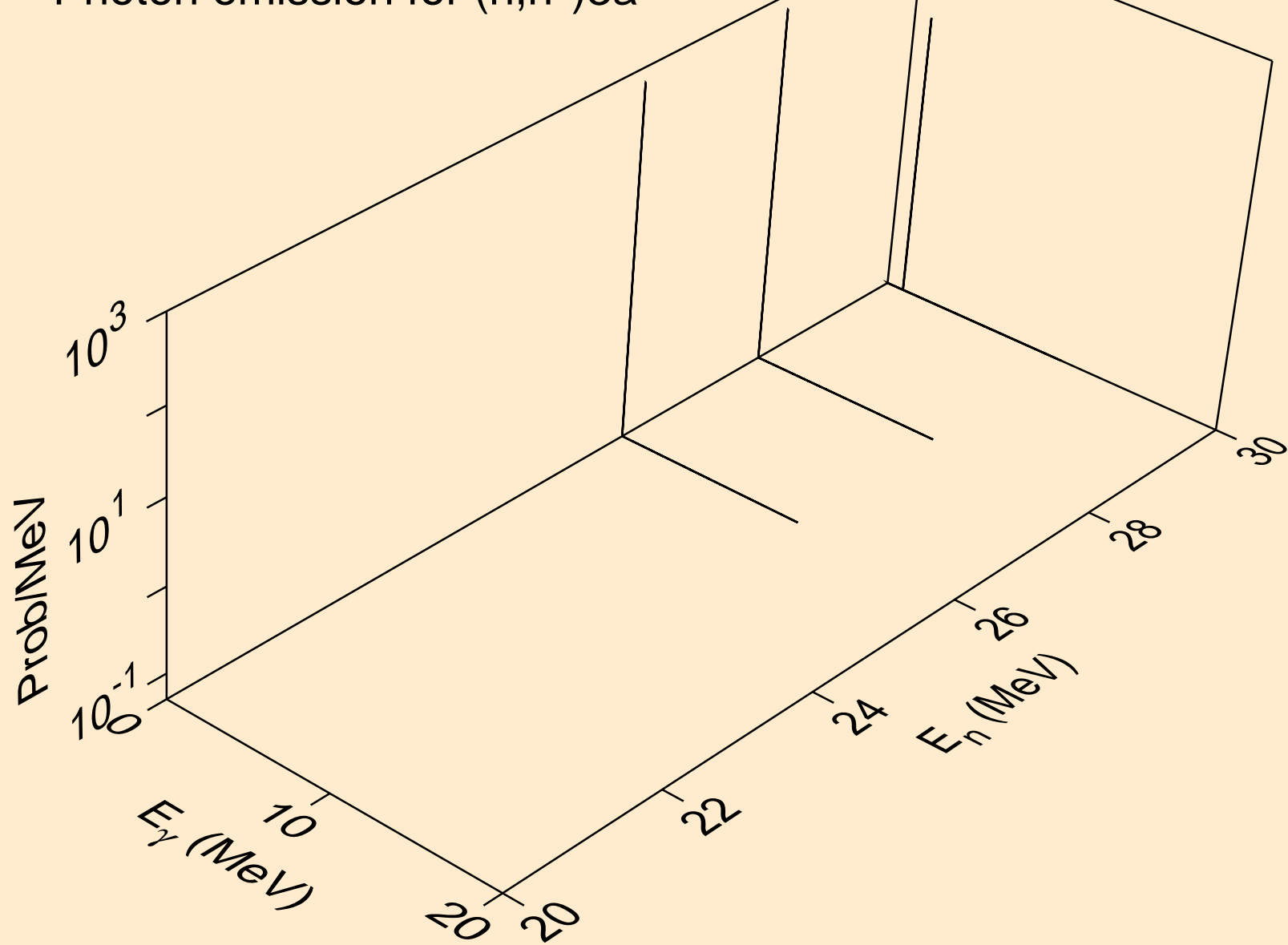
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Photon emission for (n,3n)



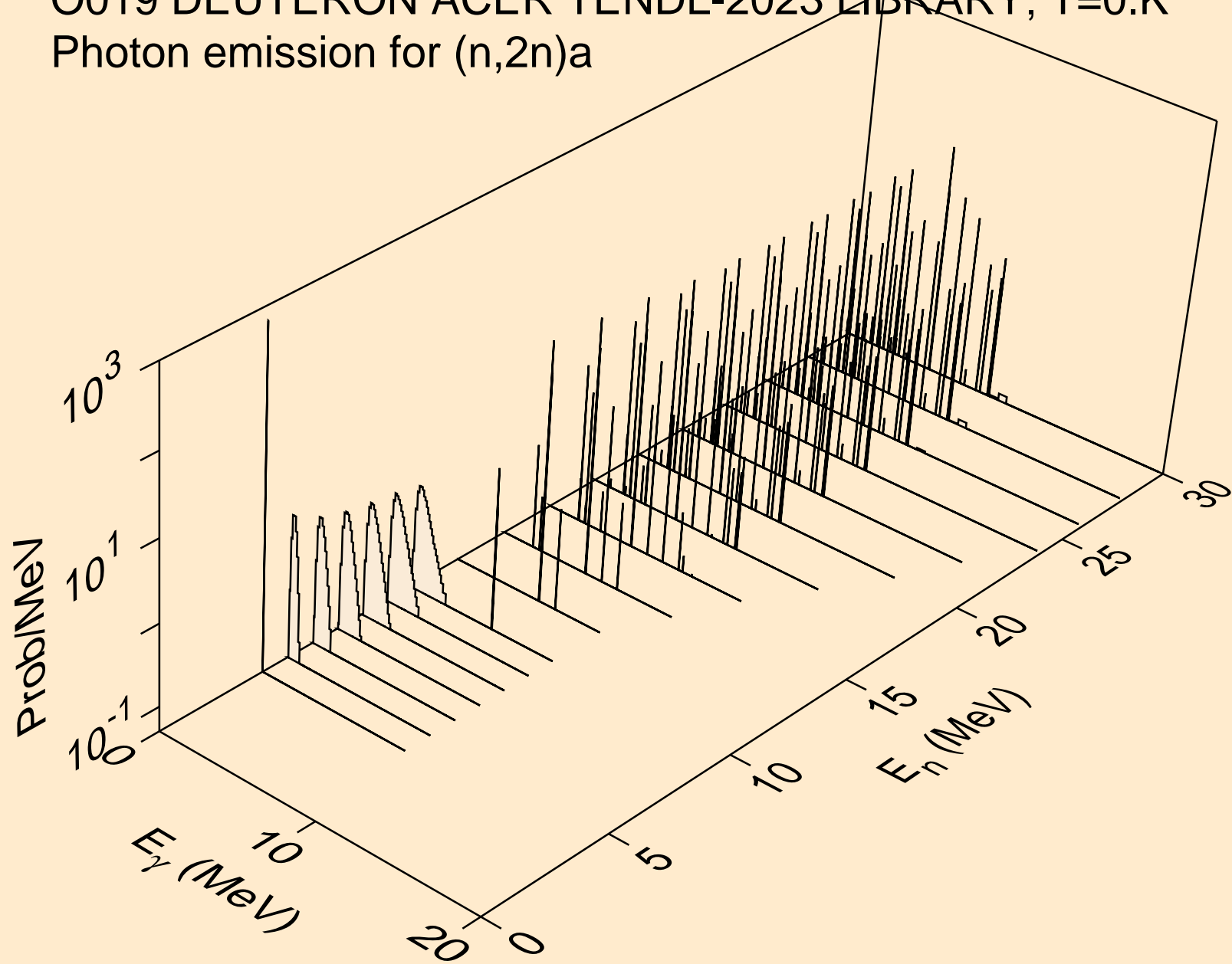
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a

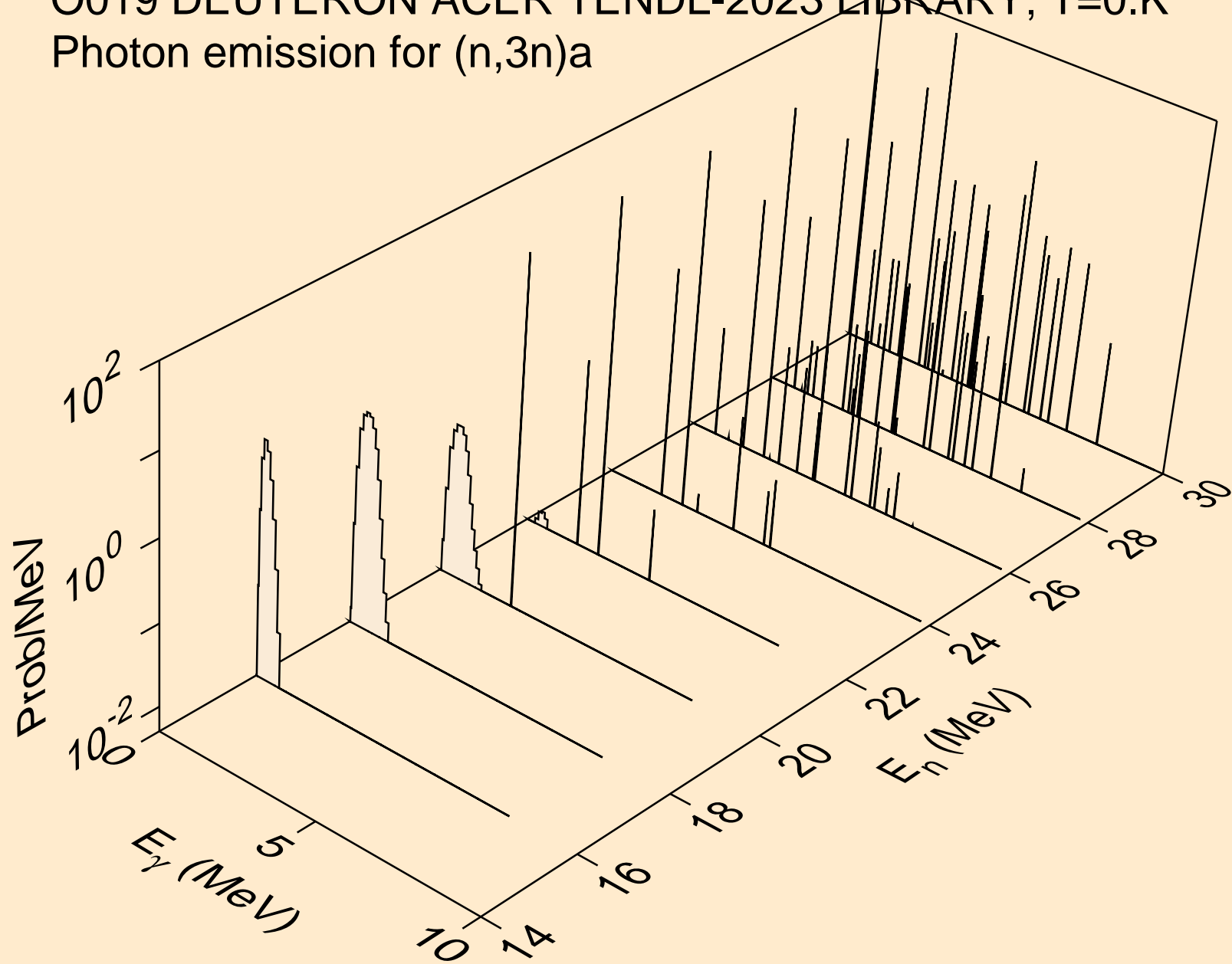


O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$

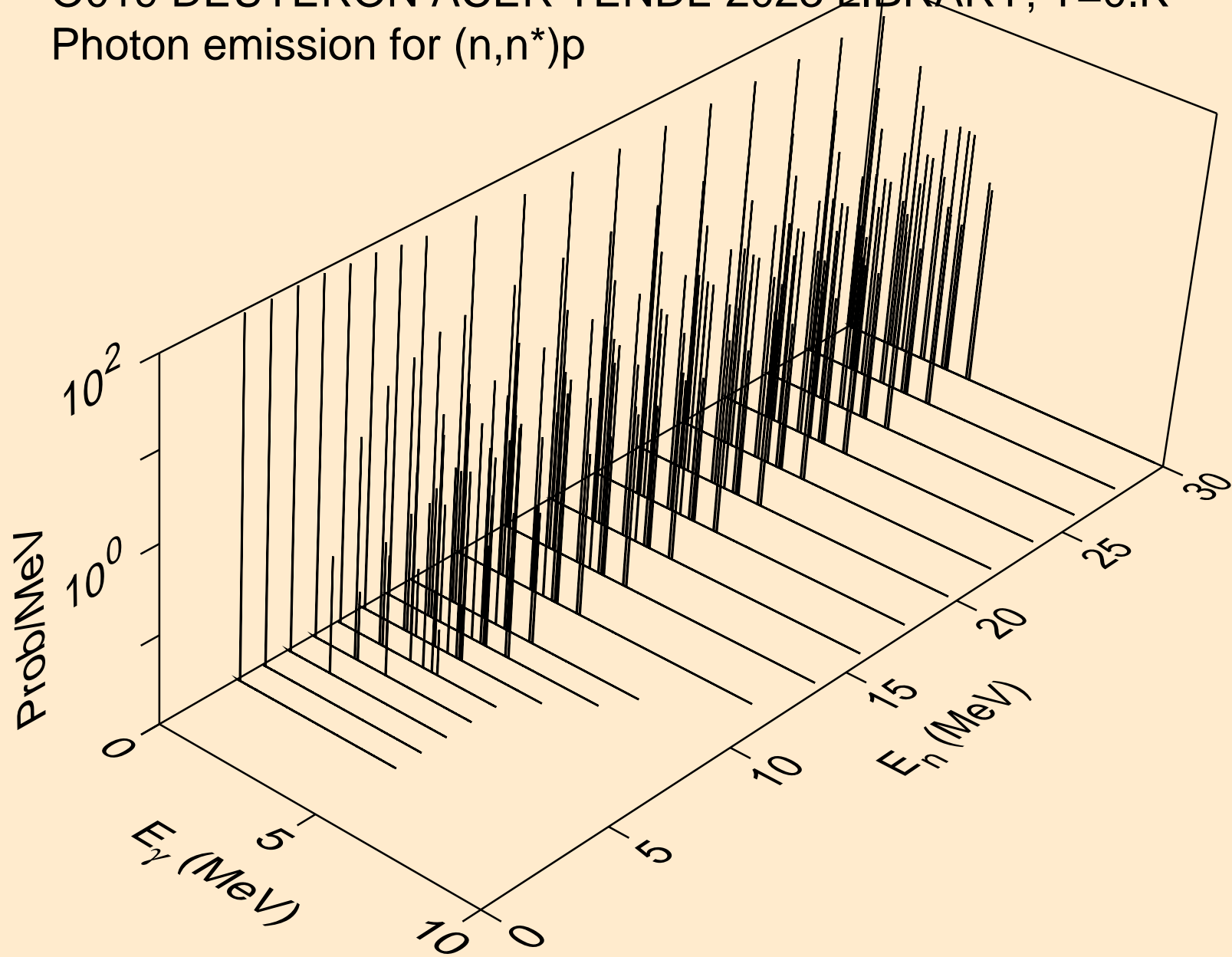




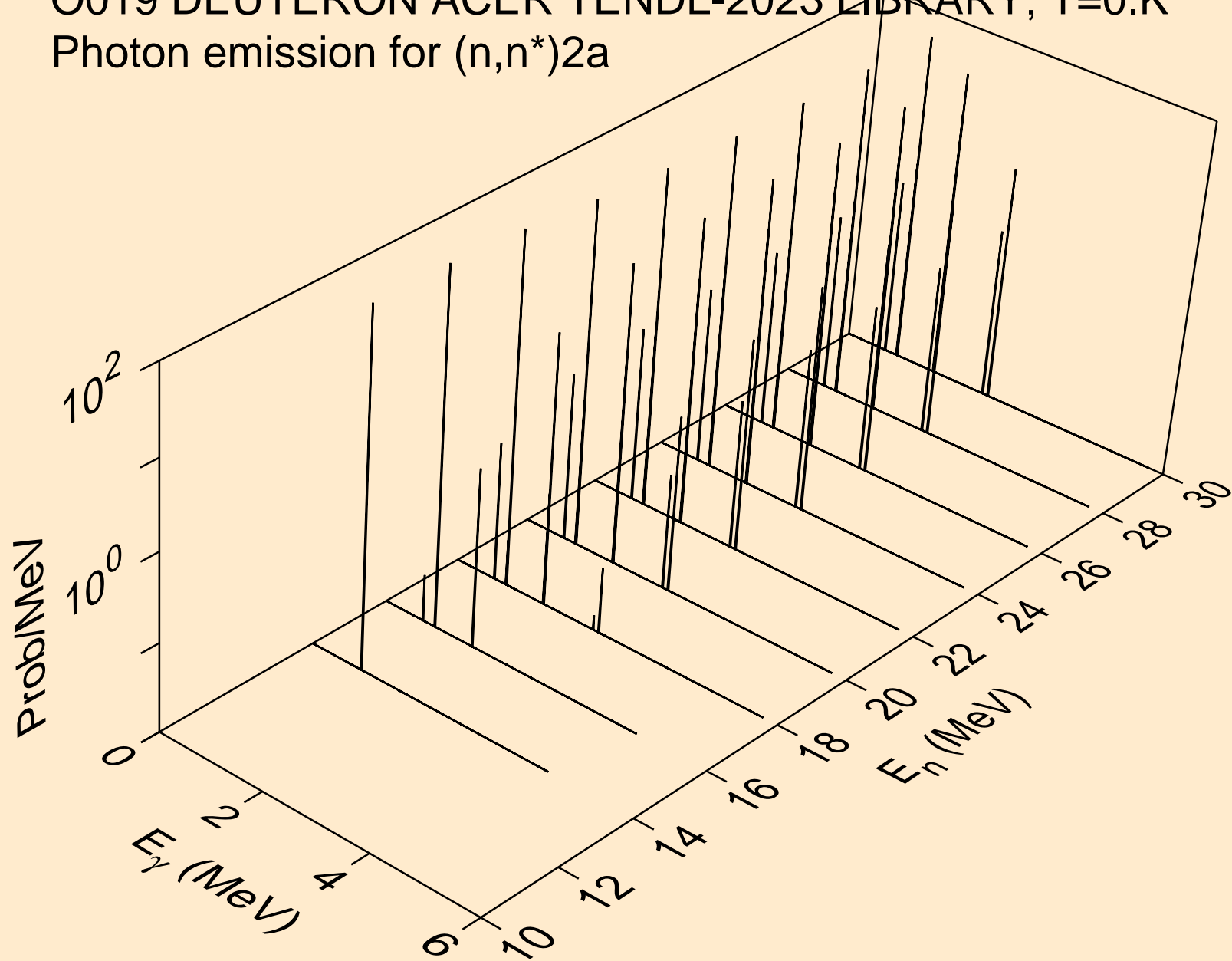
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Photon emission for (n,3n)a



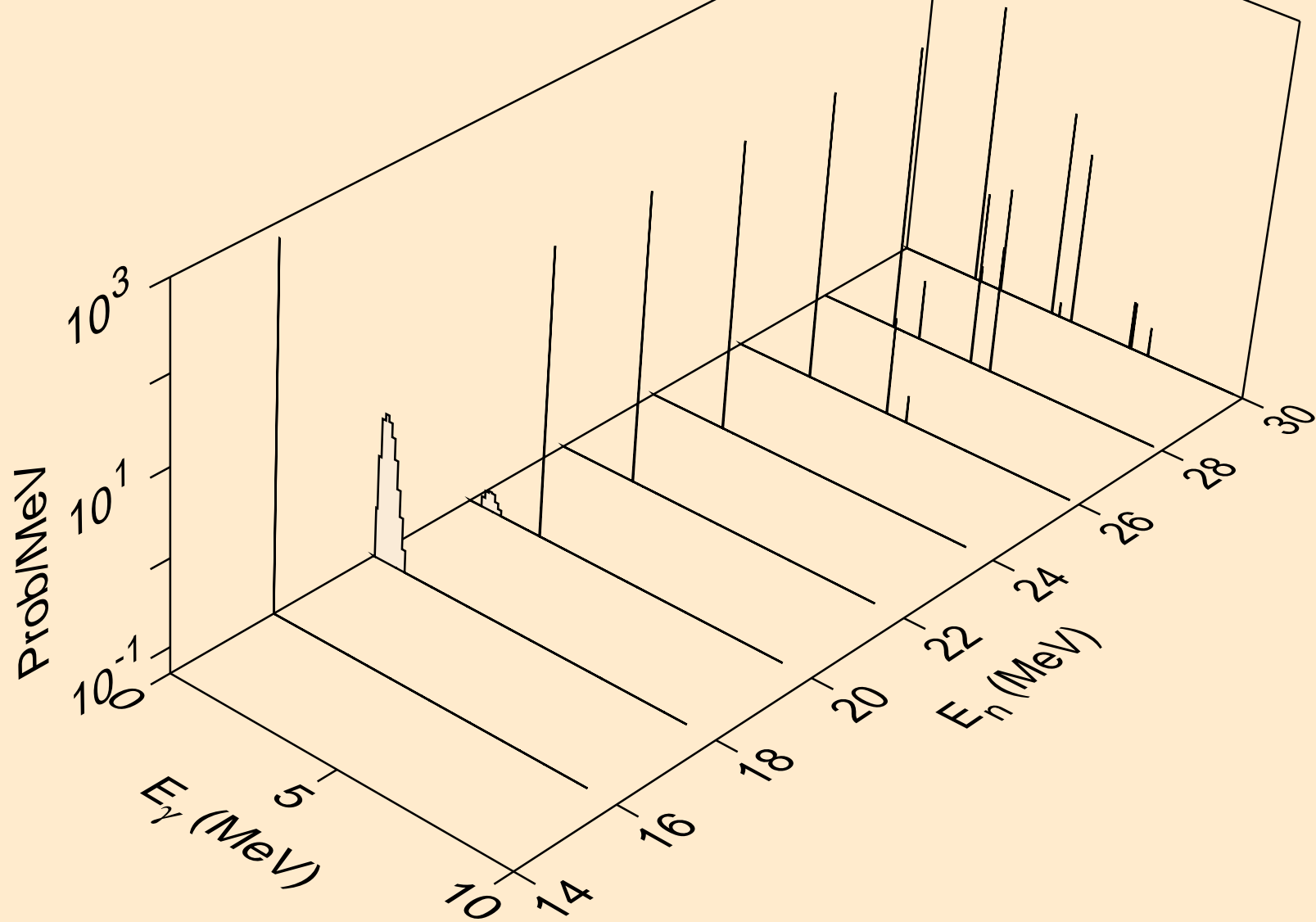
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Photon emission for (n,n\*)p



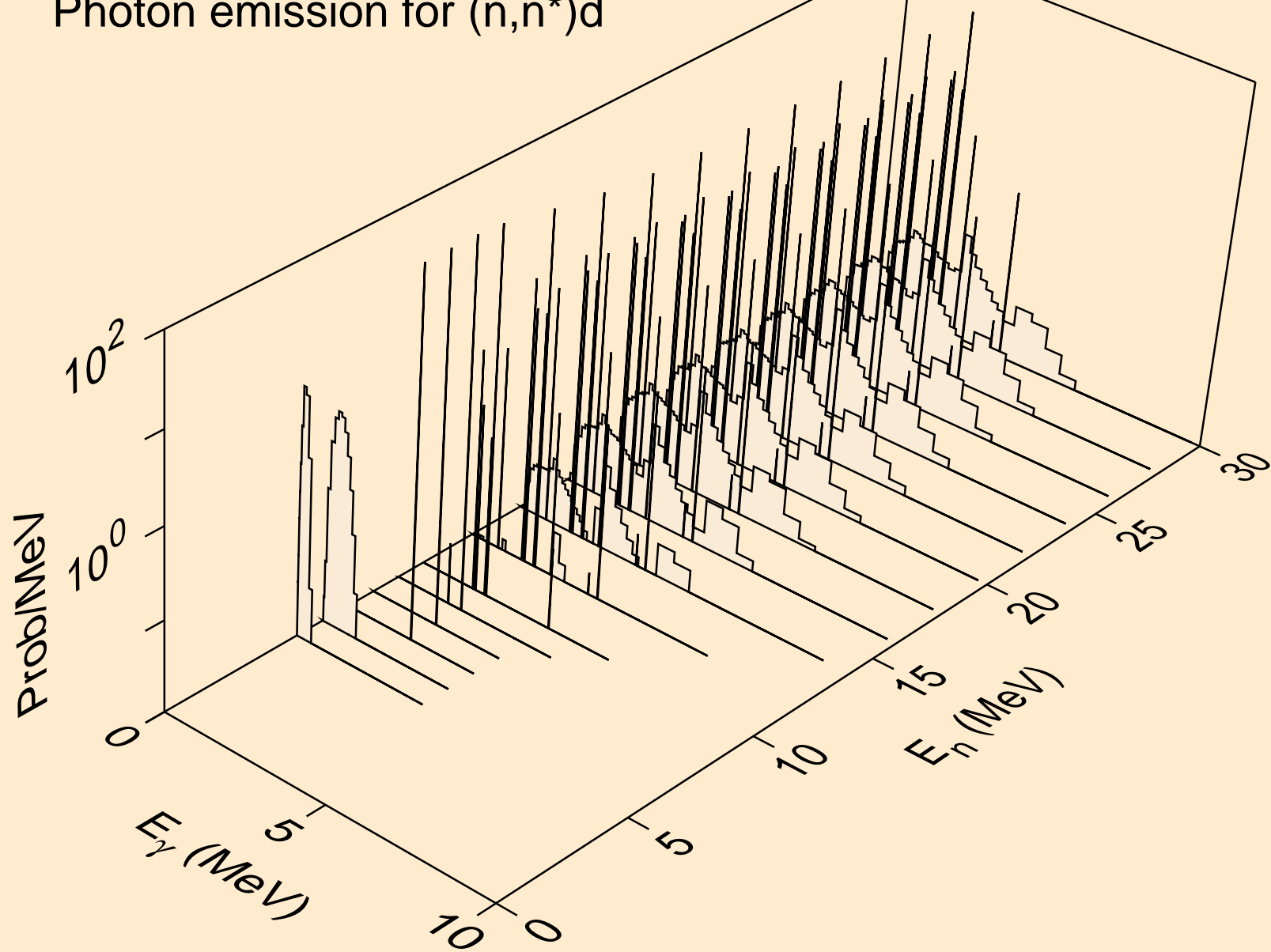
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Photon emission for (n,n\*)2a



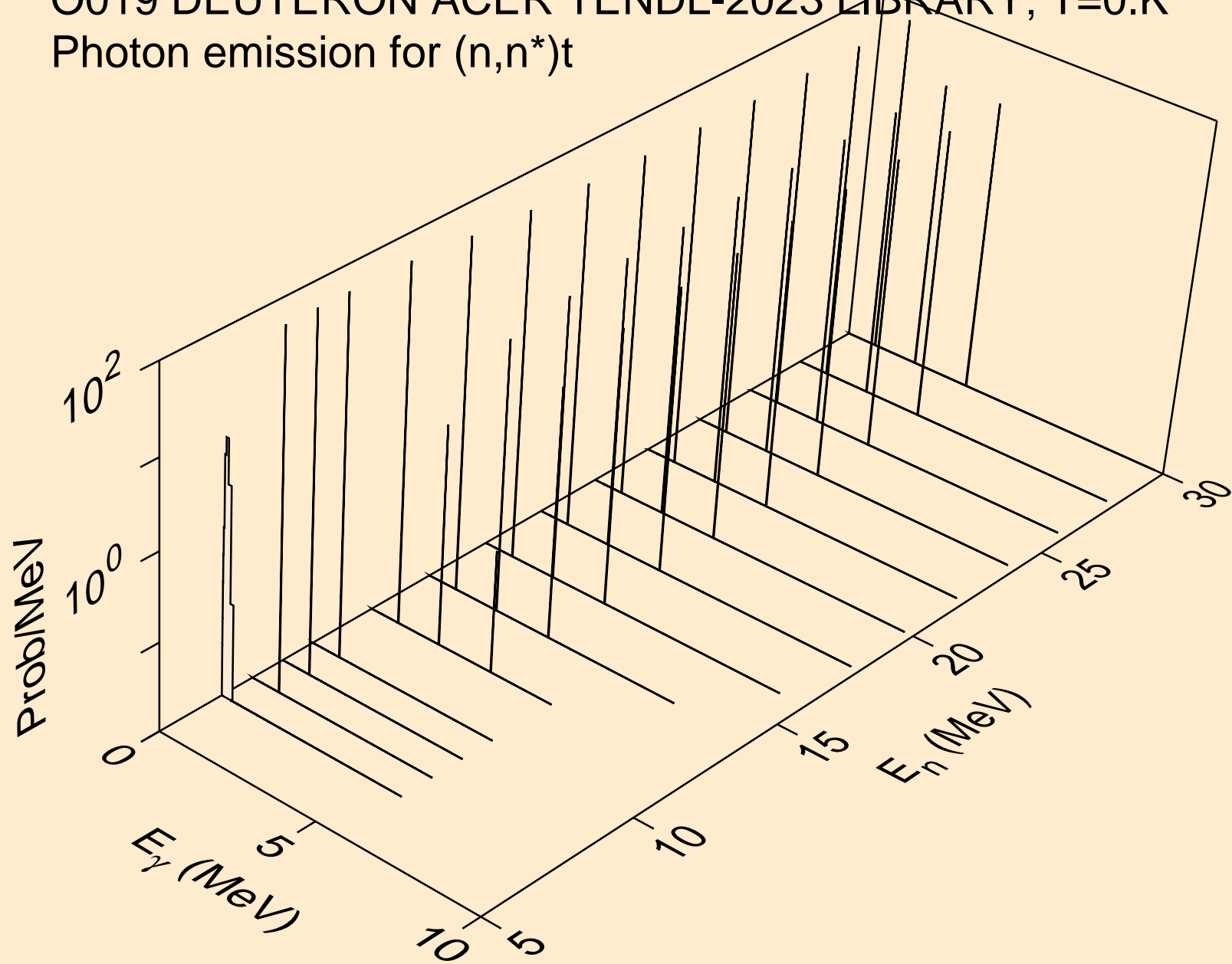
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Photon emission for (n,2n)2a



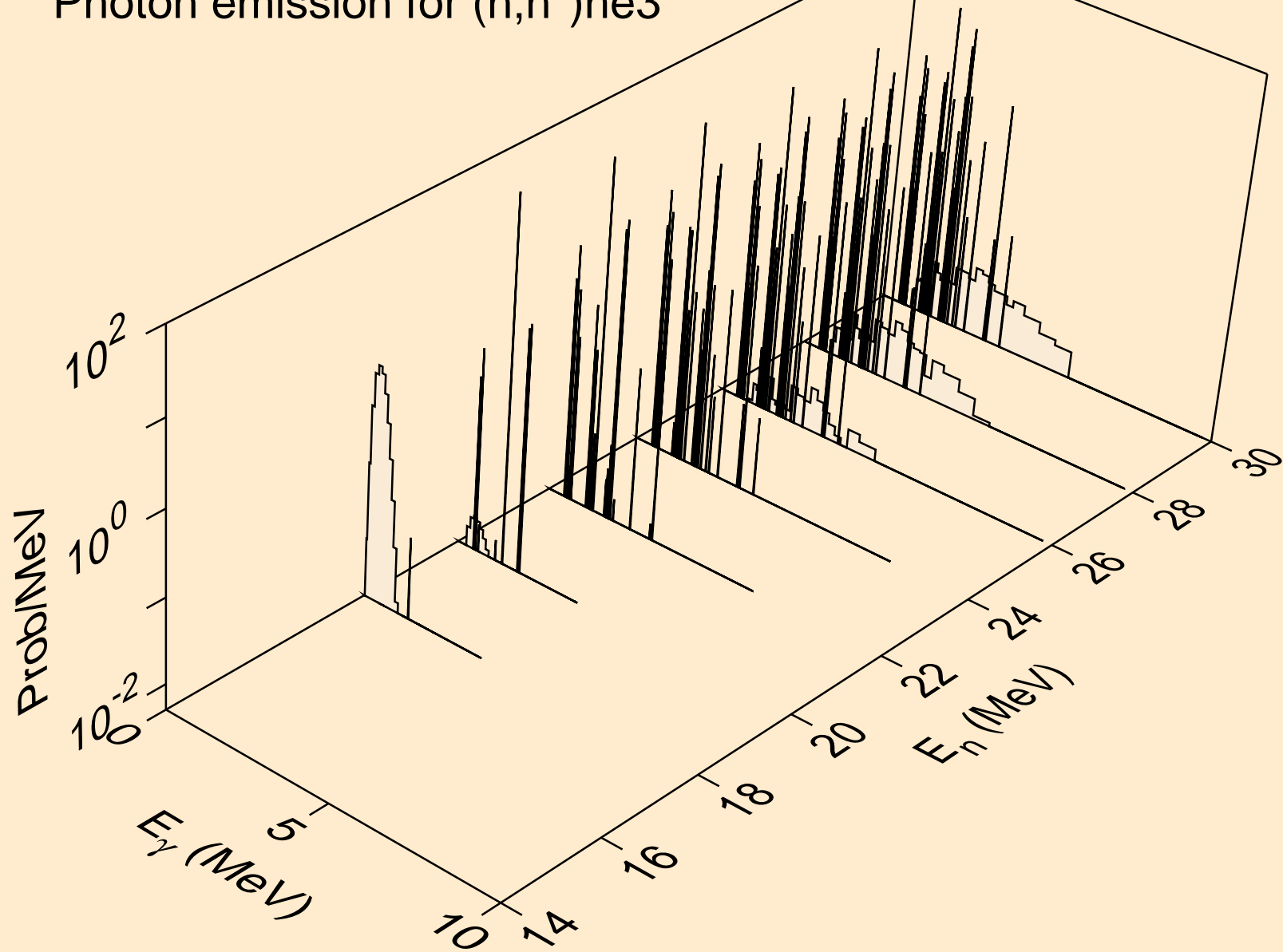
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Photon emission for (n,n\*)d



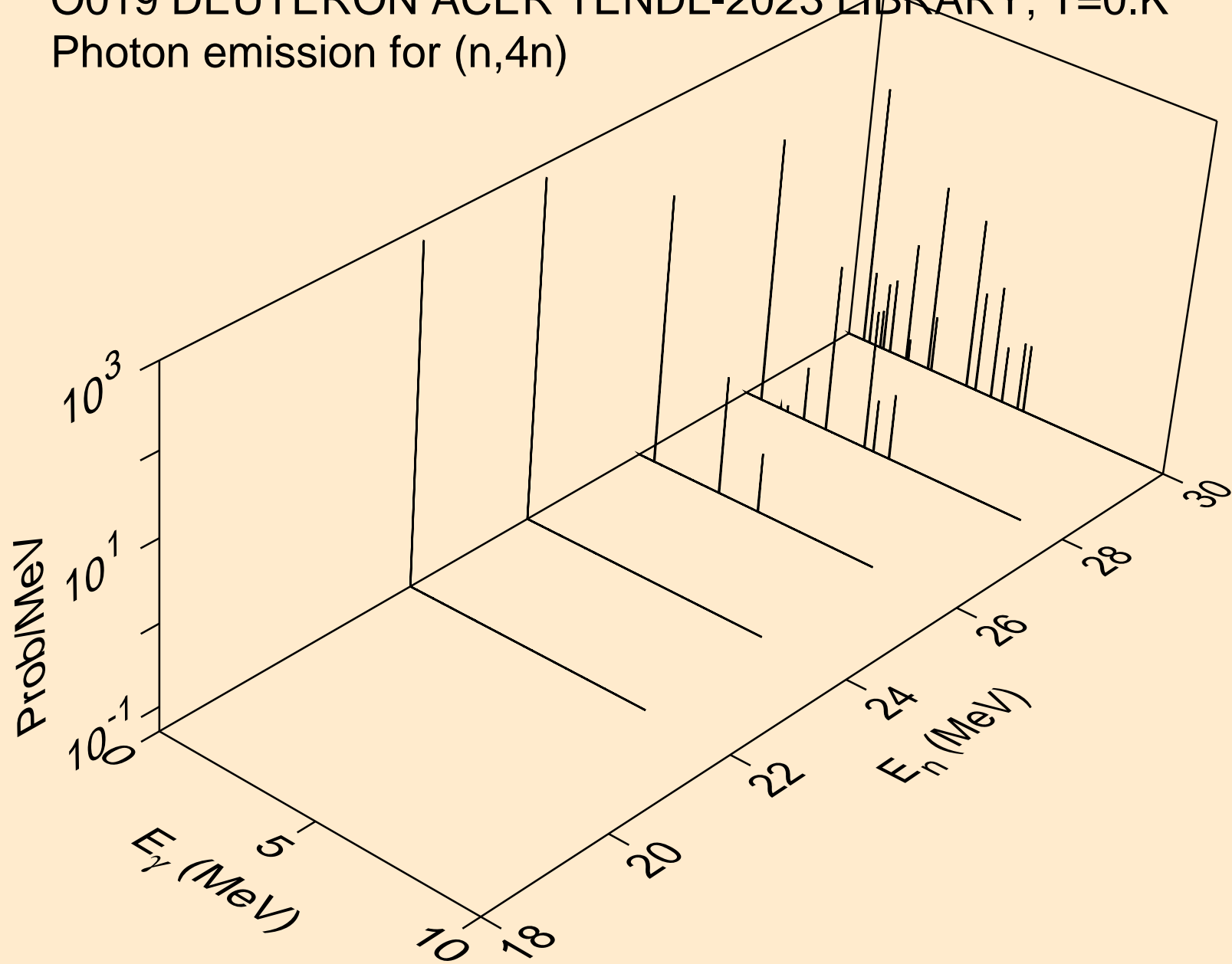
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Photon emission for (n,n\*)t



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

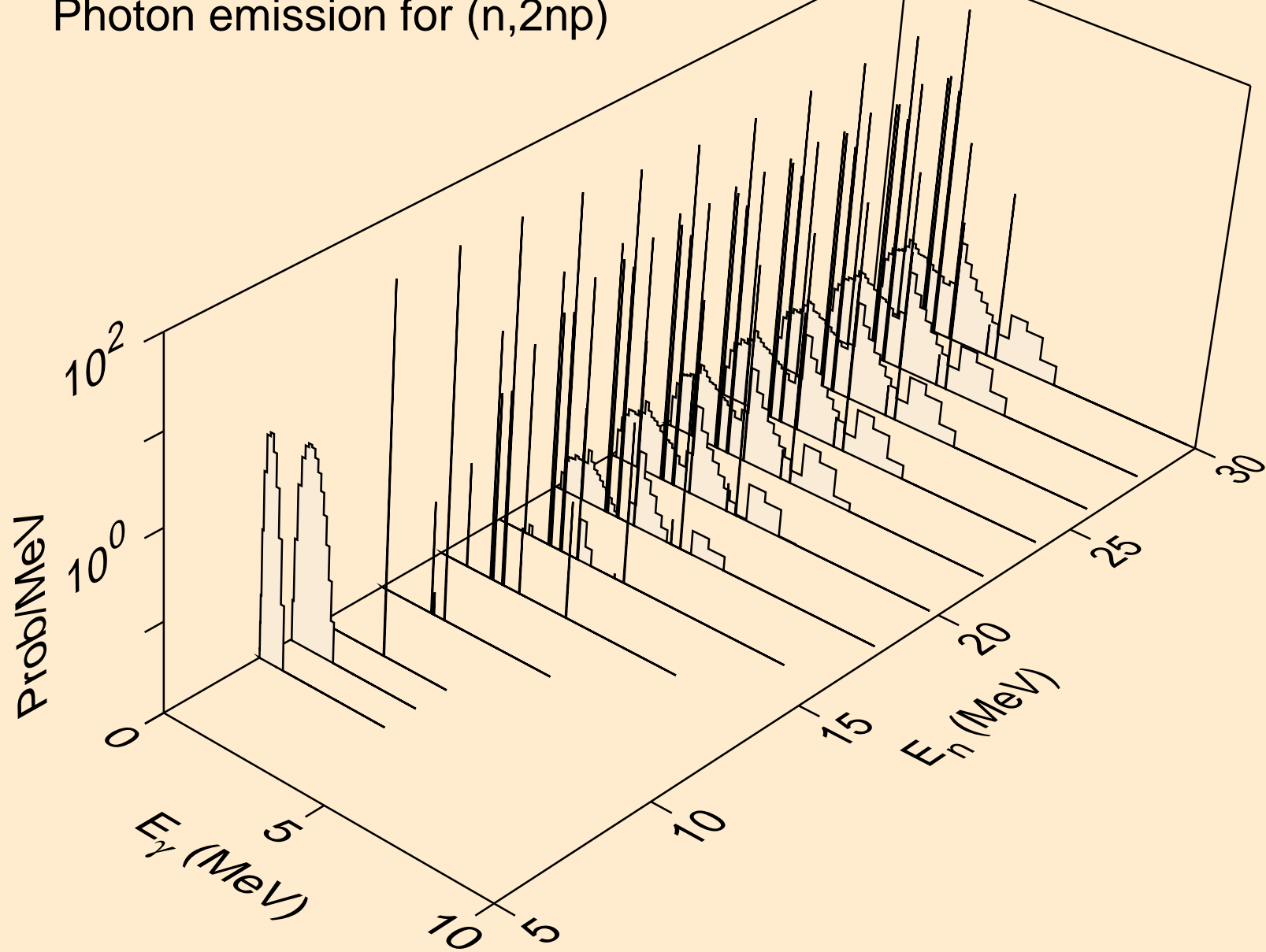


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Photon emission for (n,4n)

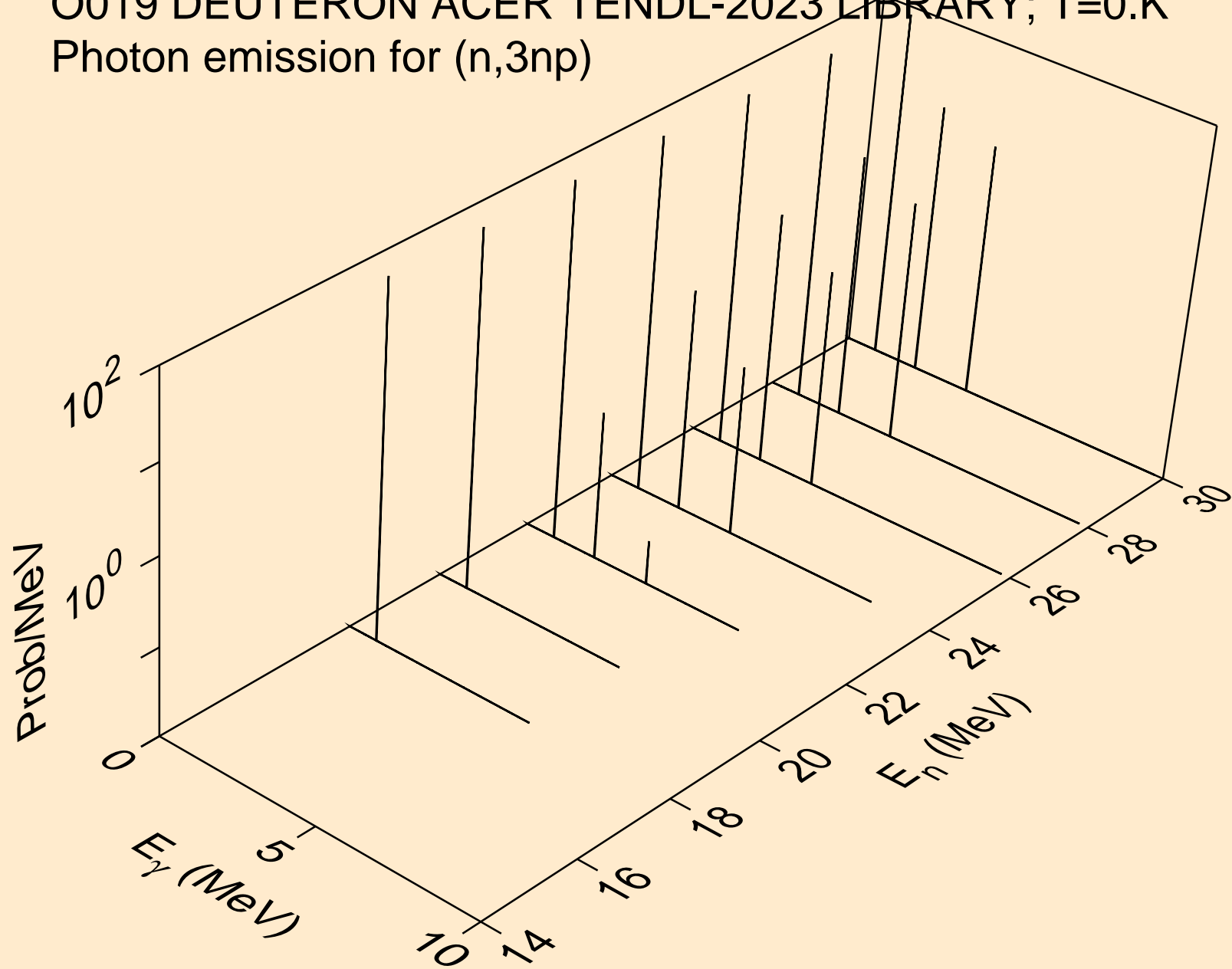




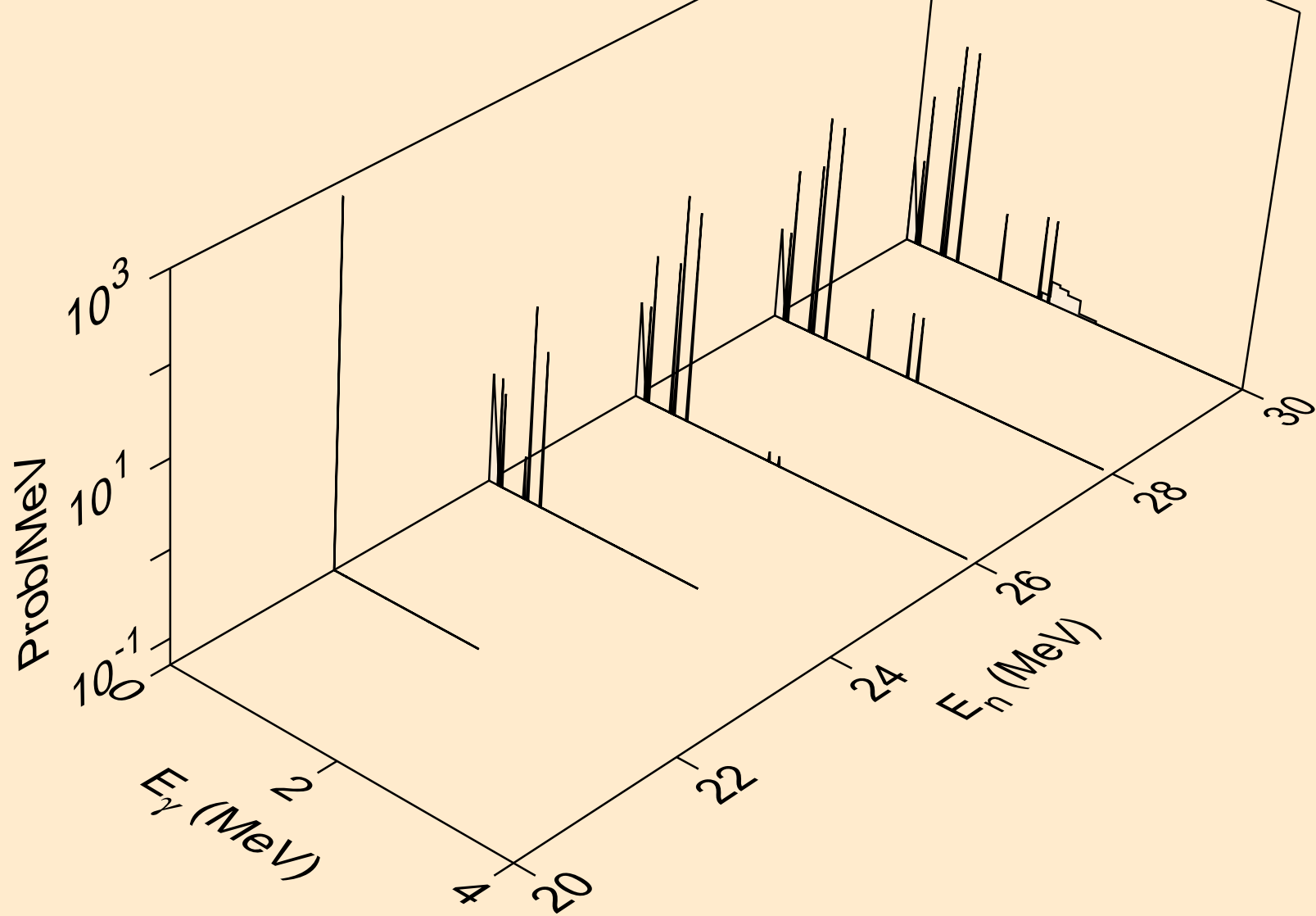
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Photon emission for (n,2np)



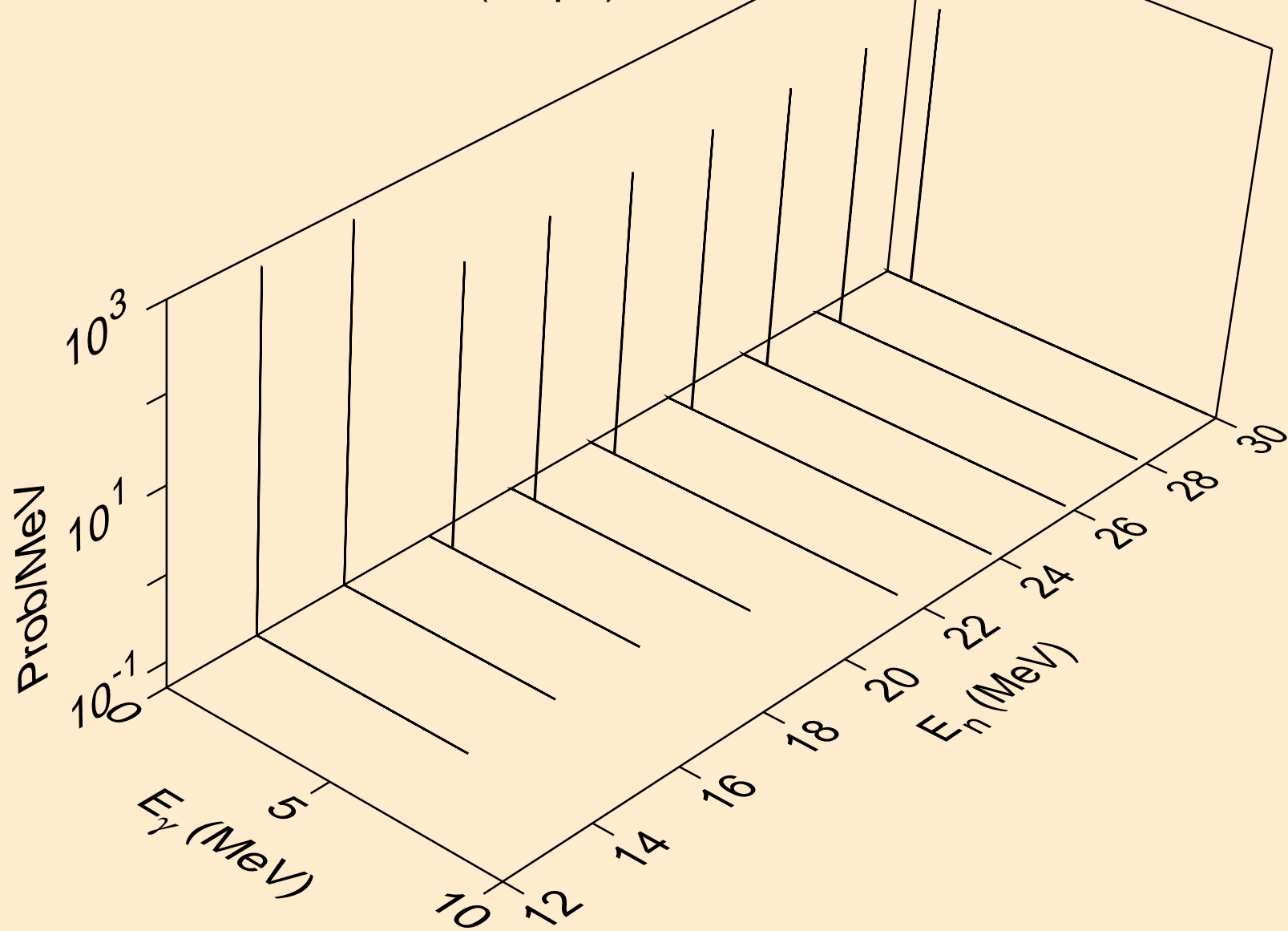
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Photon emission for (n,3np)



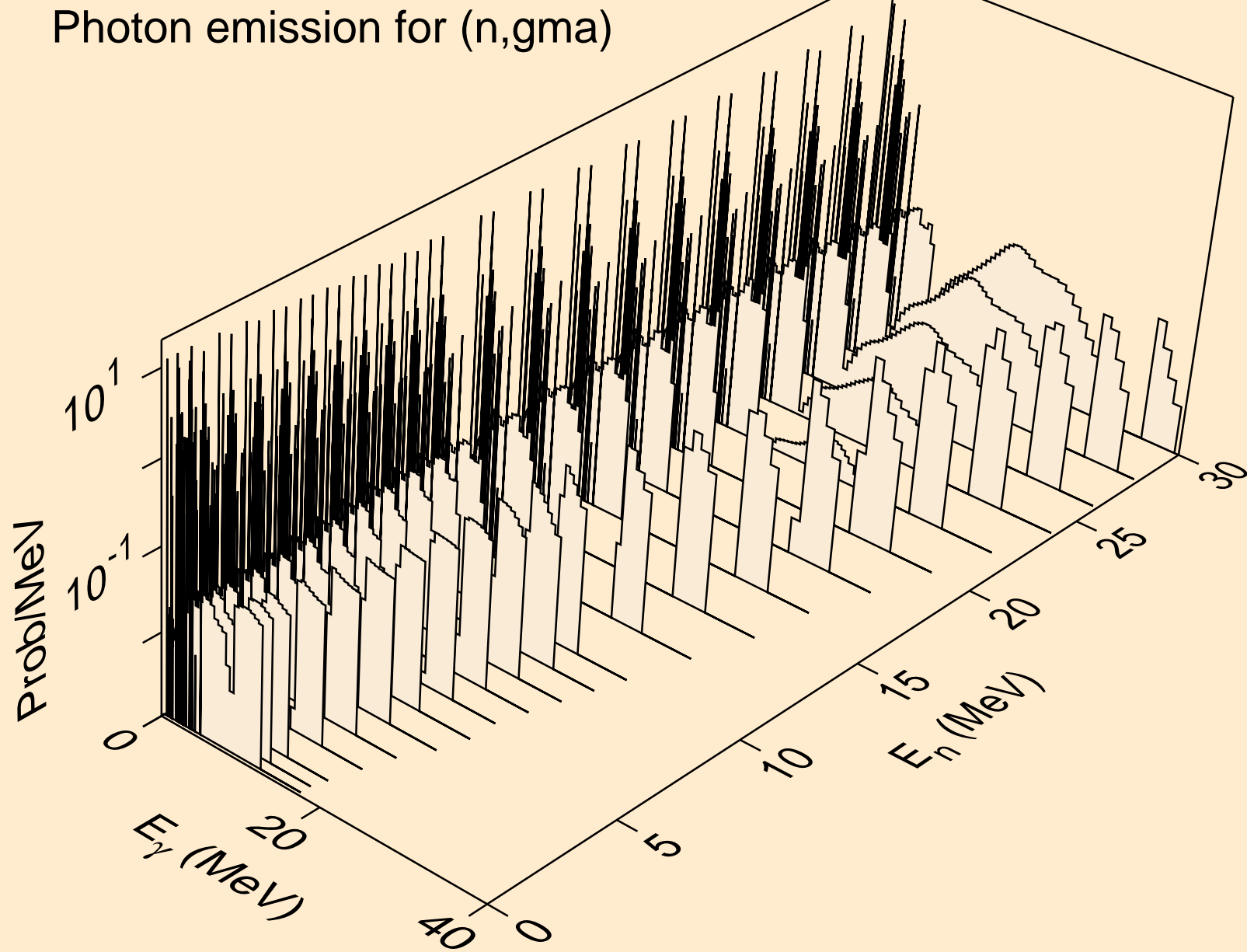
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Photon emission for (n,n2p)



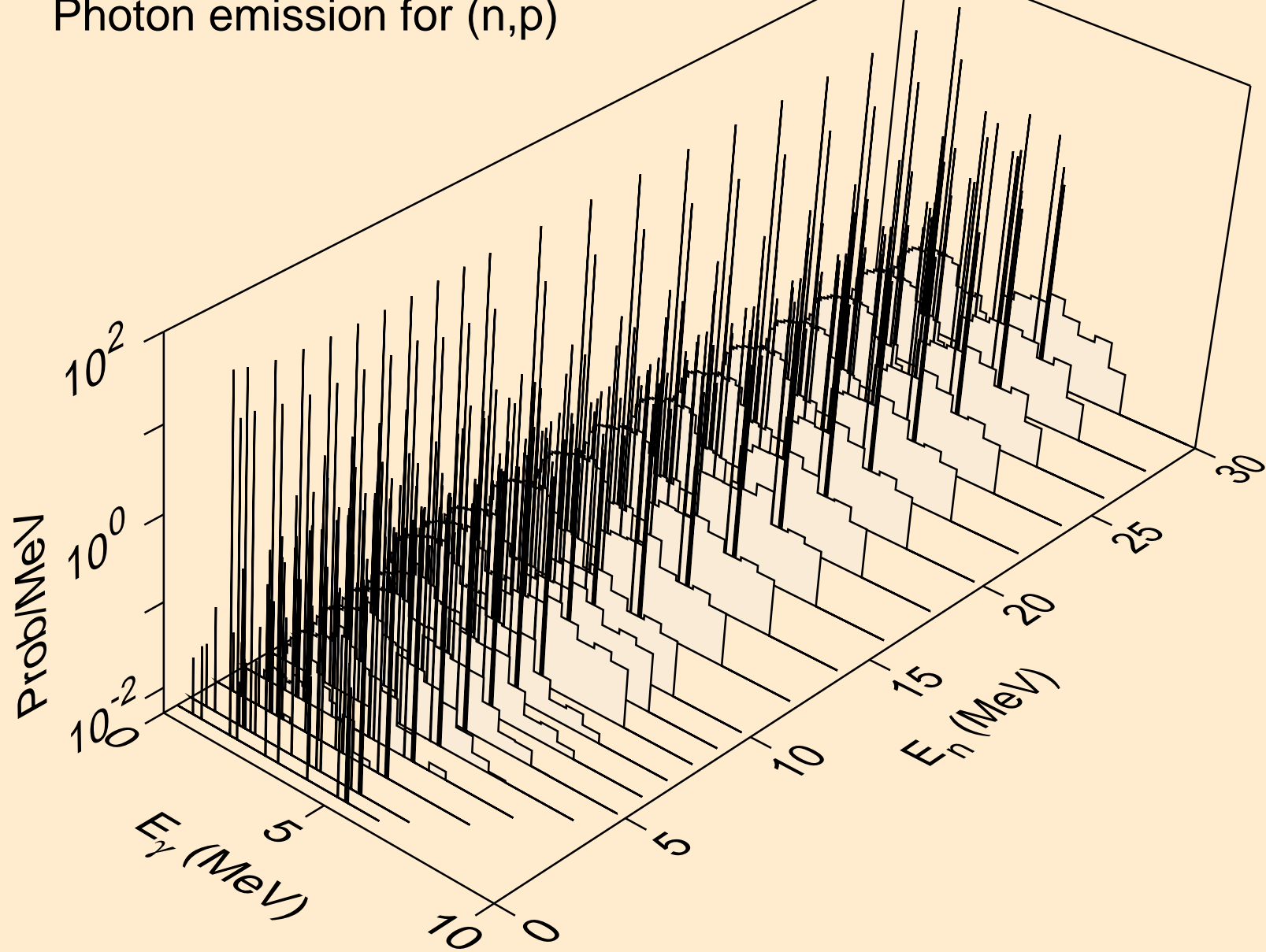
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Photon emission for (n,npa)



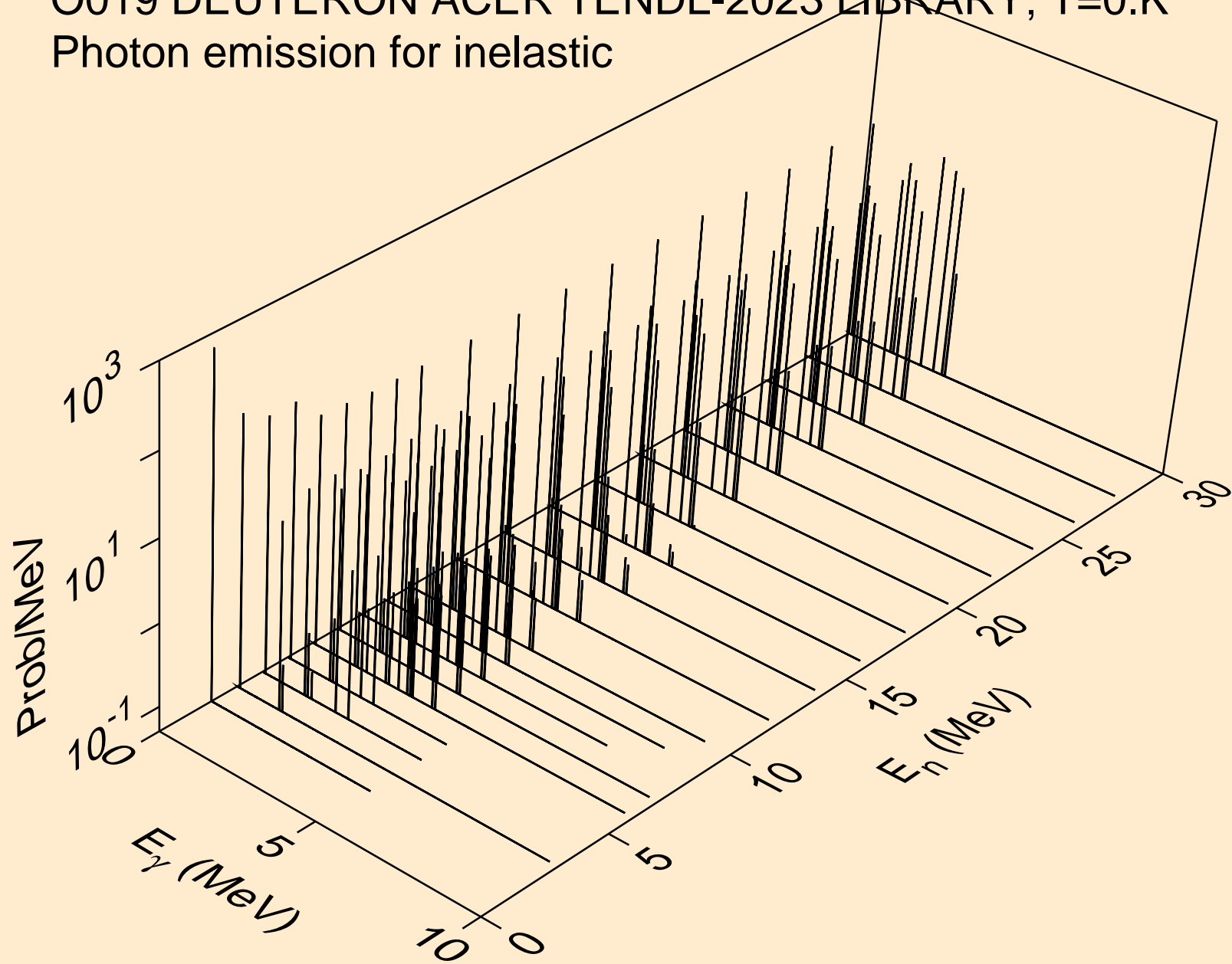
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Photon emission for (n,gma)



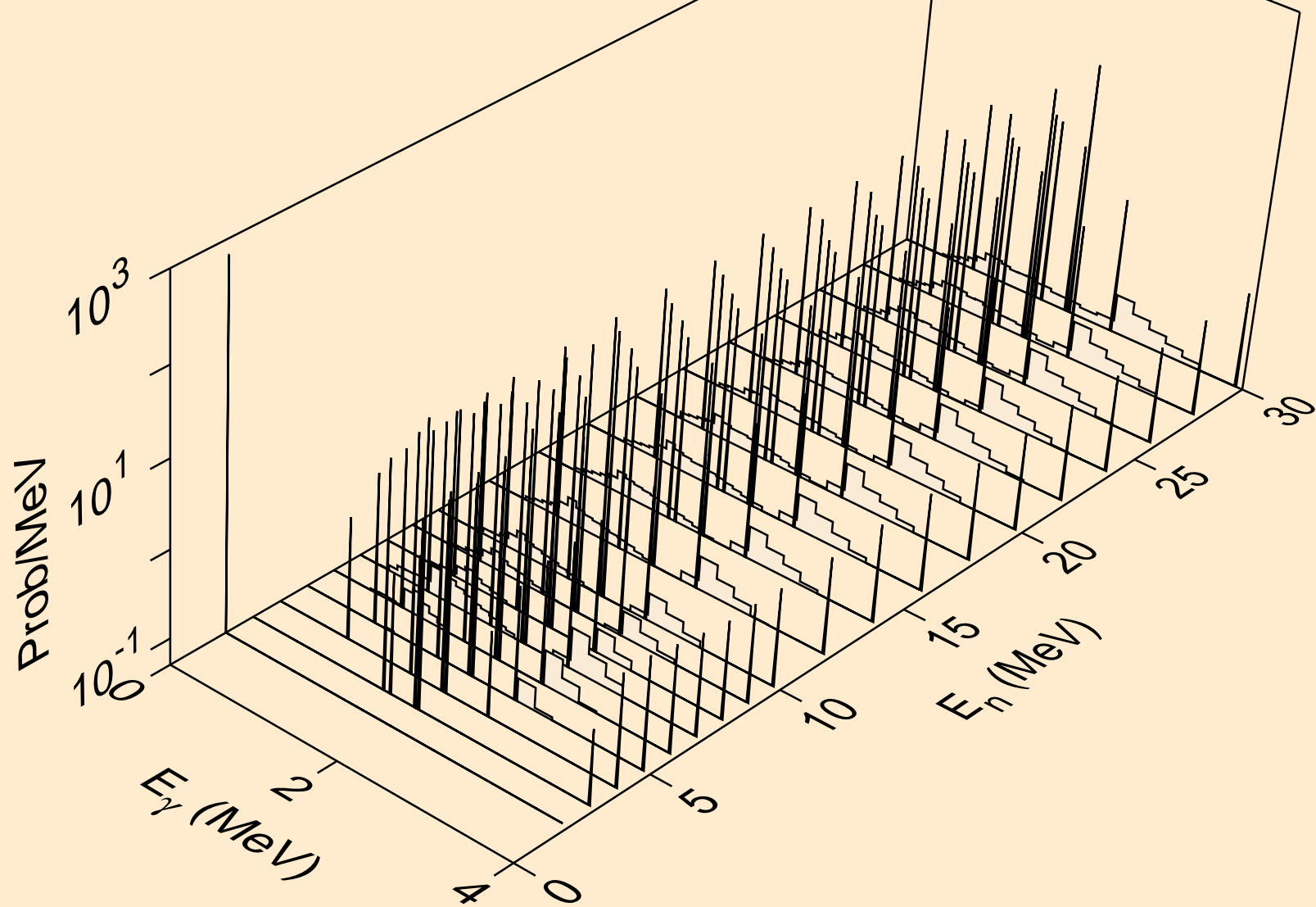
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

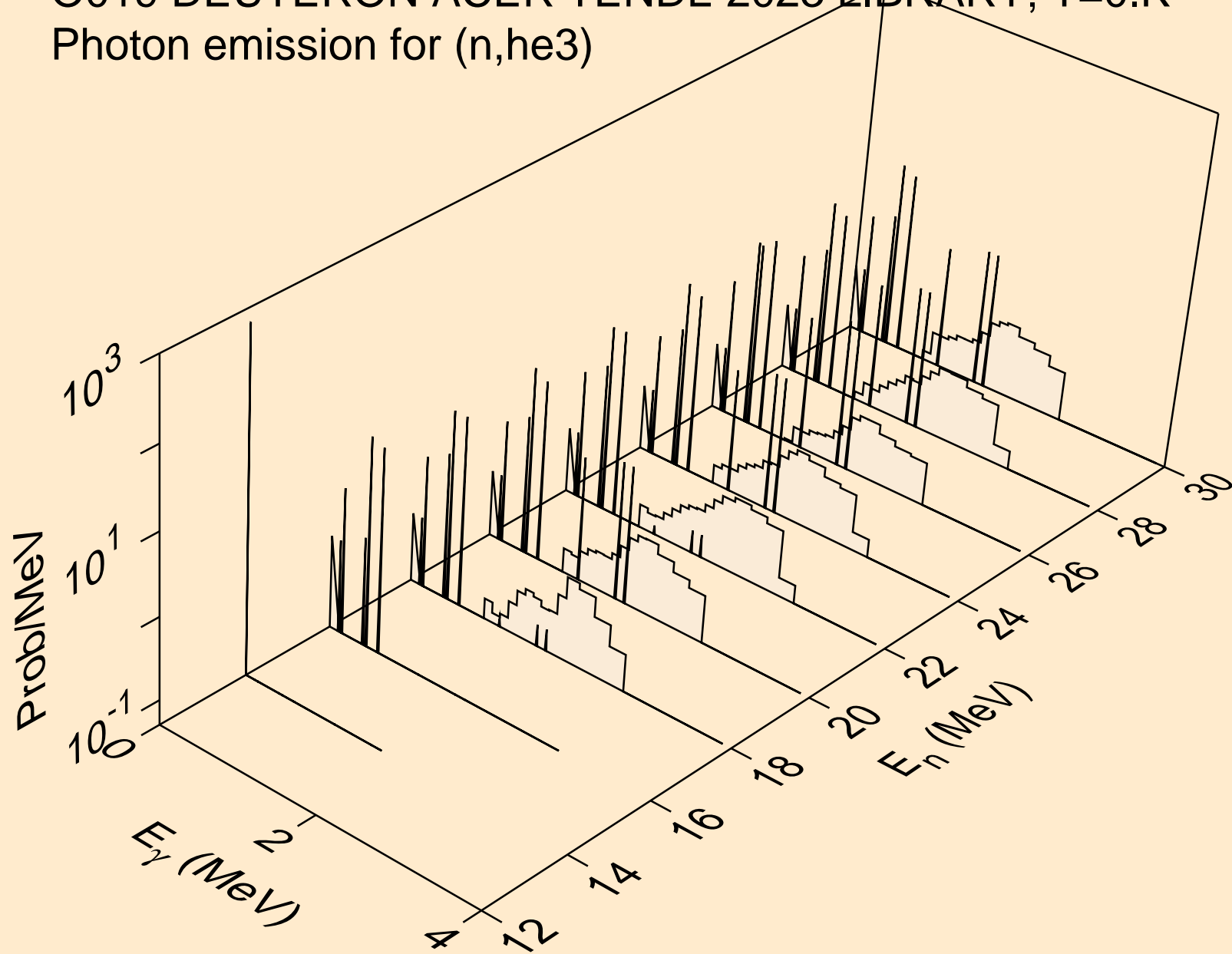


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Photon emission for (n,t)

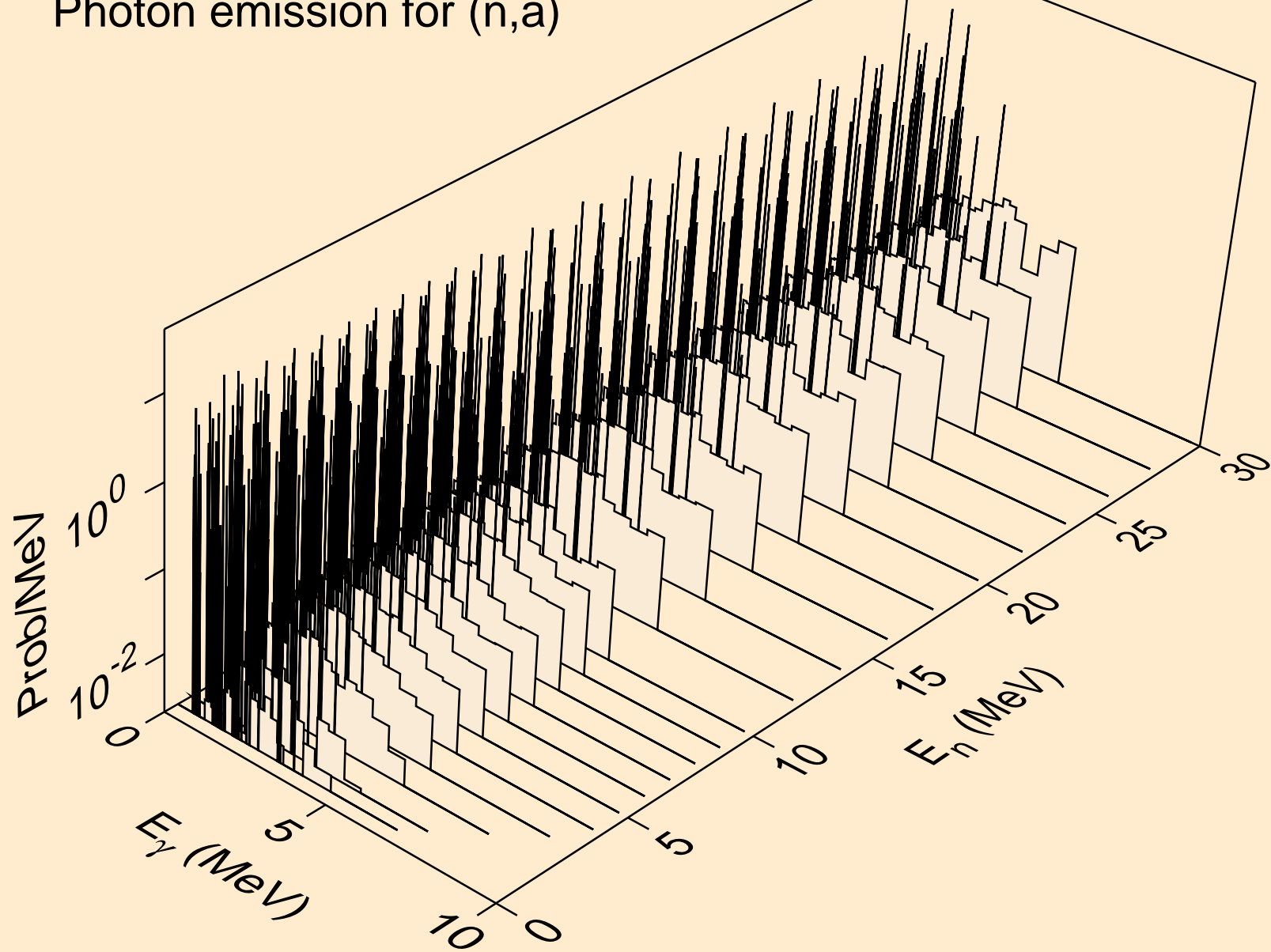




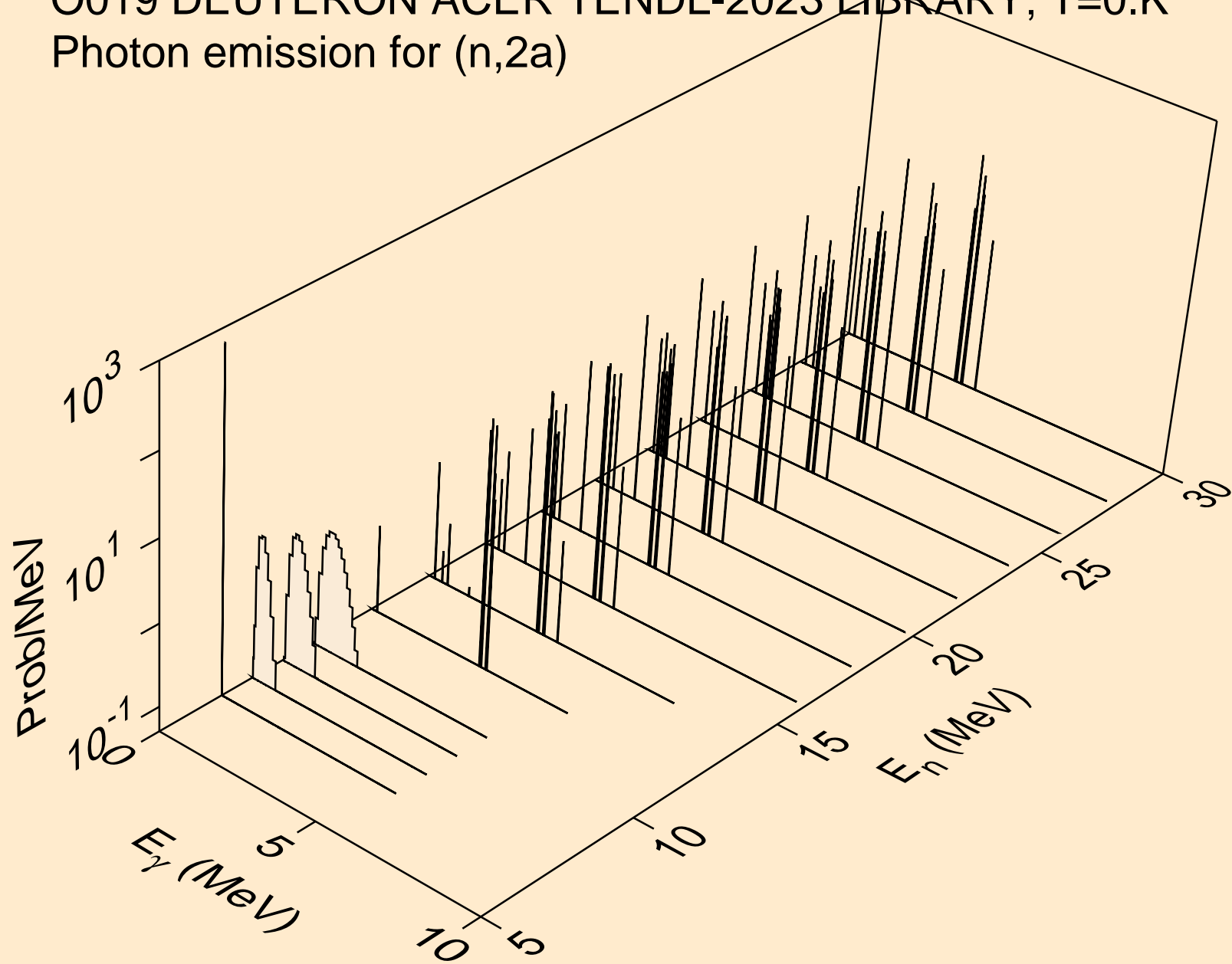
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Photon emission for (n,he3)



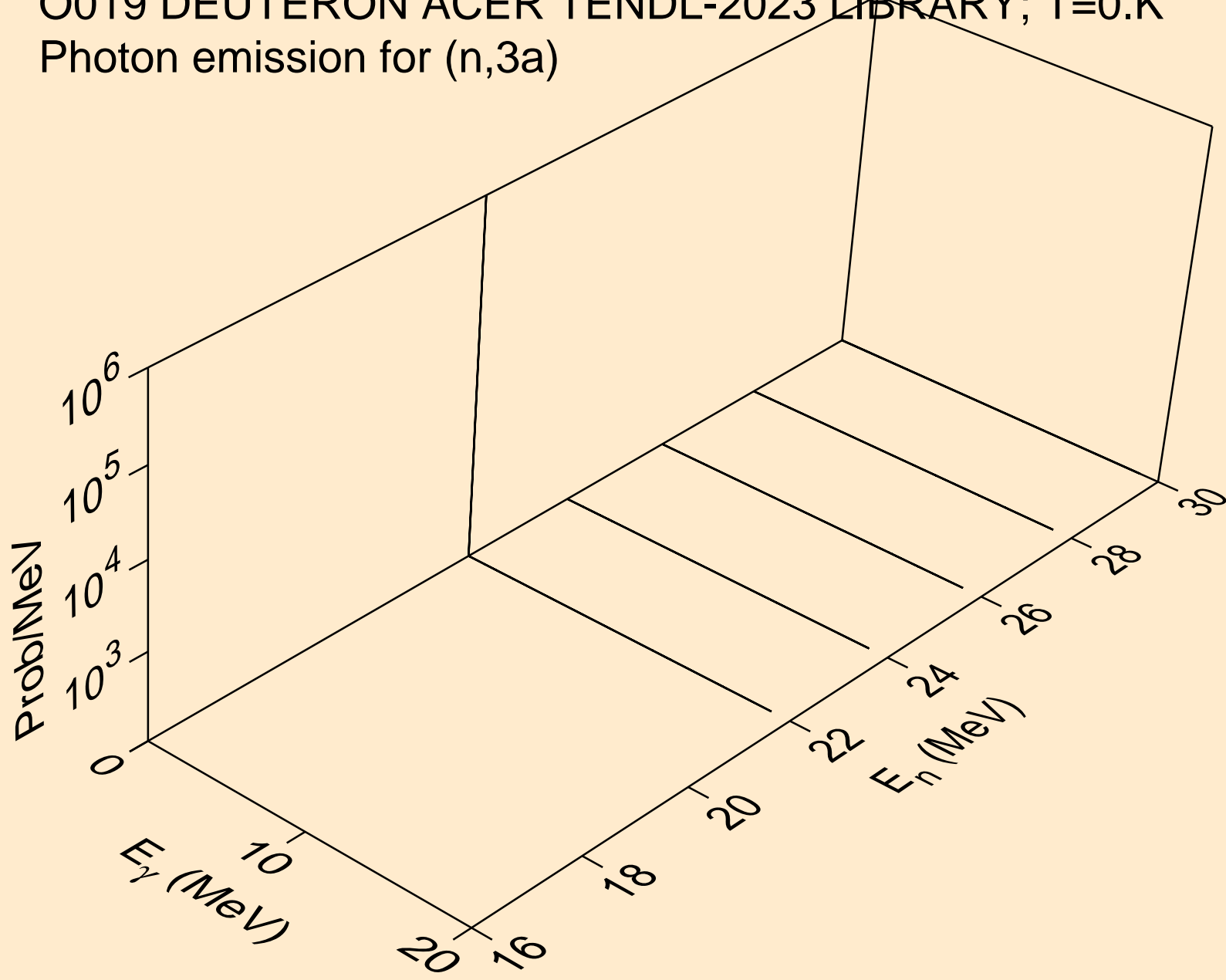
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Photon emission for (n,a)



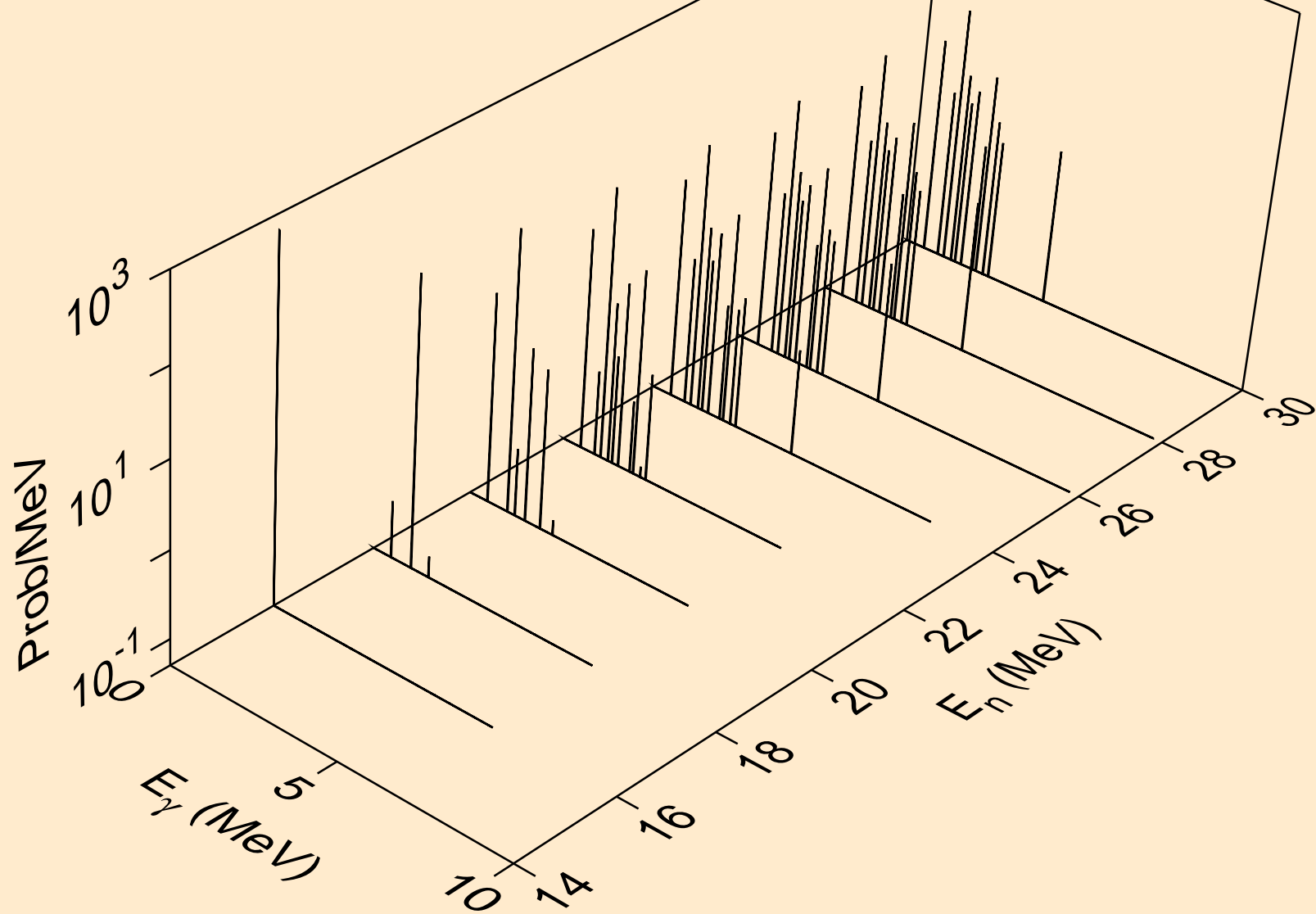
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Photon emission for (n,2a)



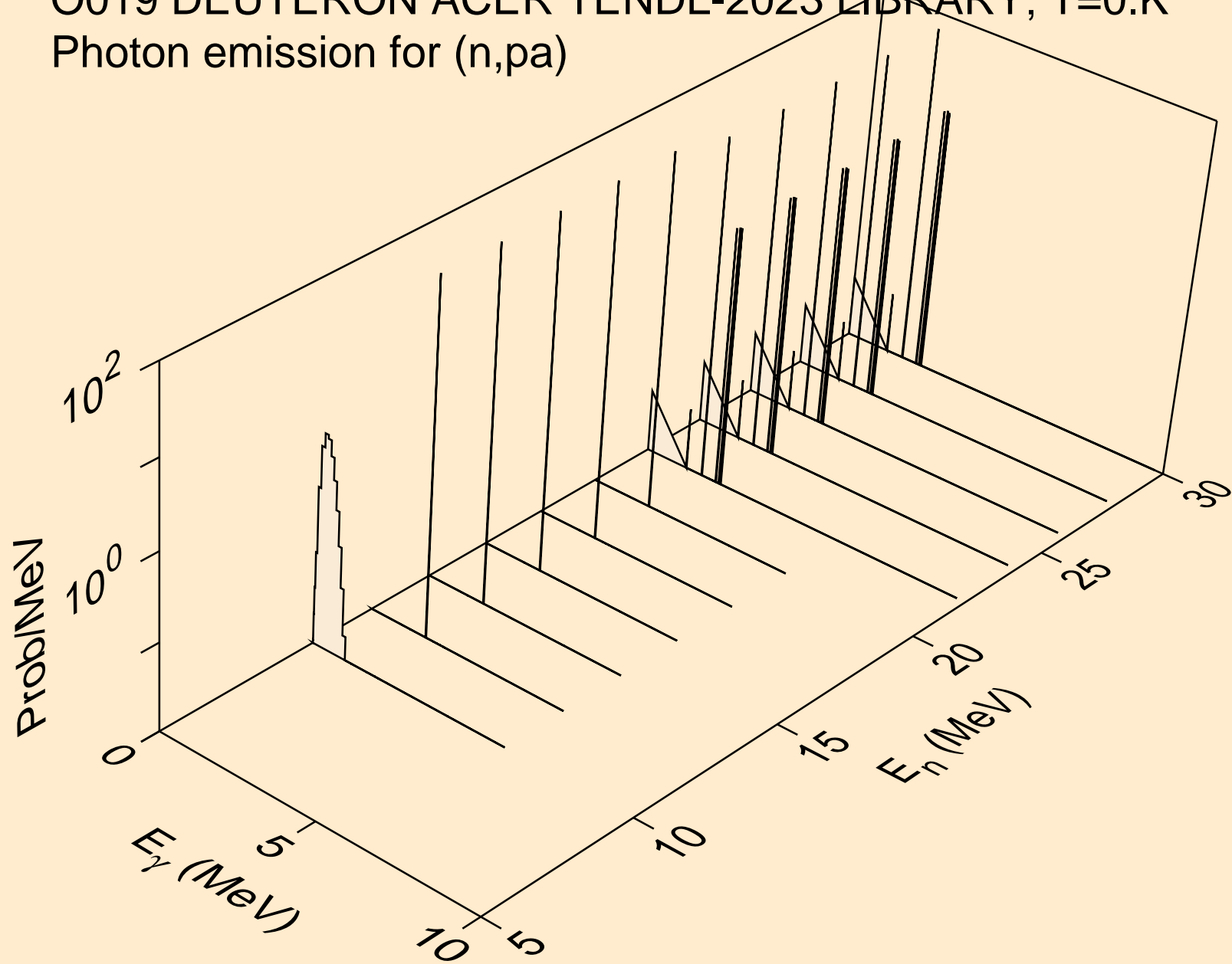
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Photon emission for (n,3a)



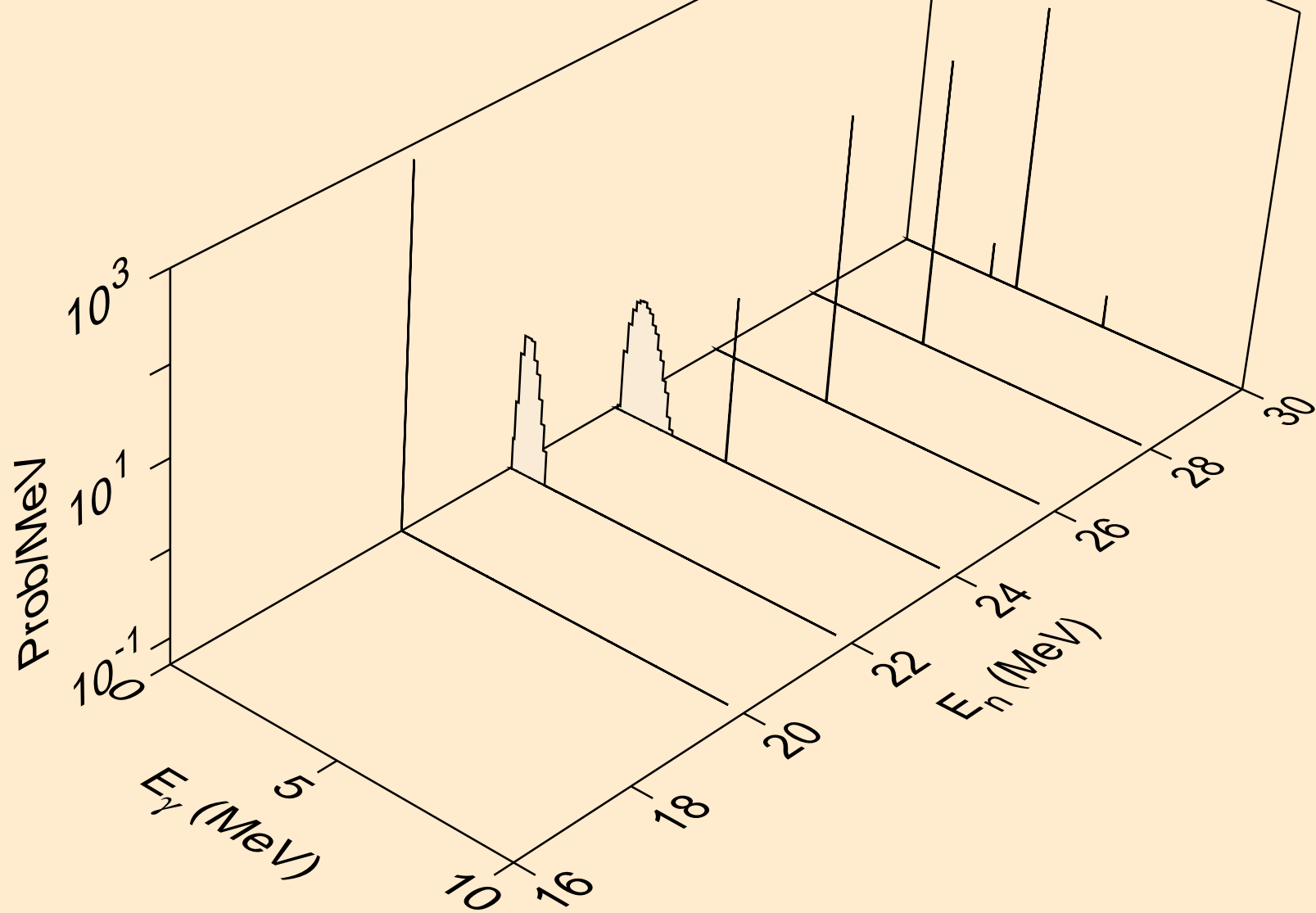
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Photon emission for (n,2p)



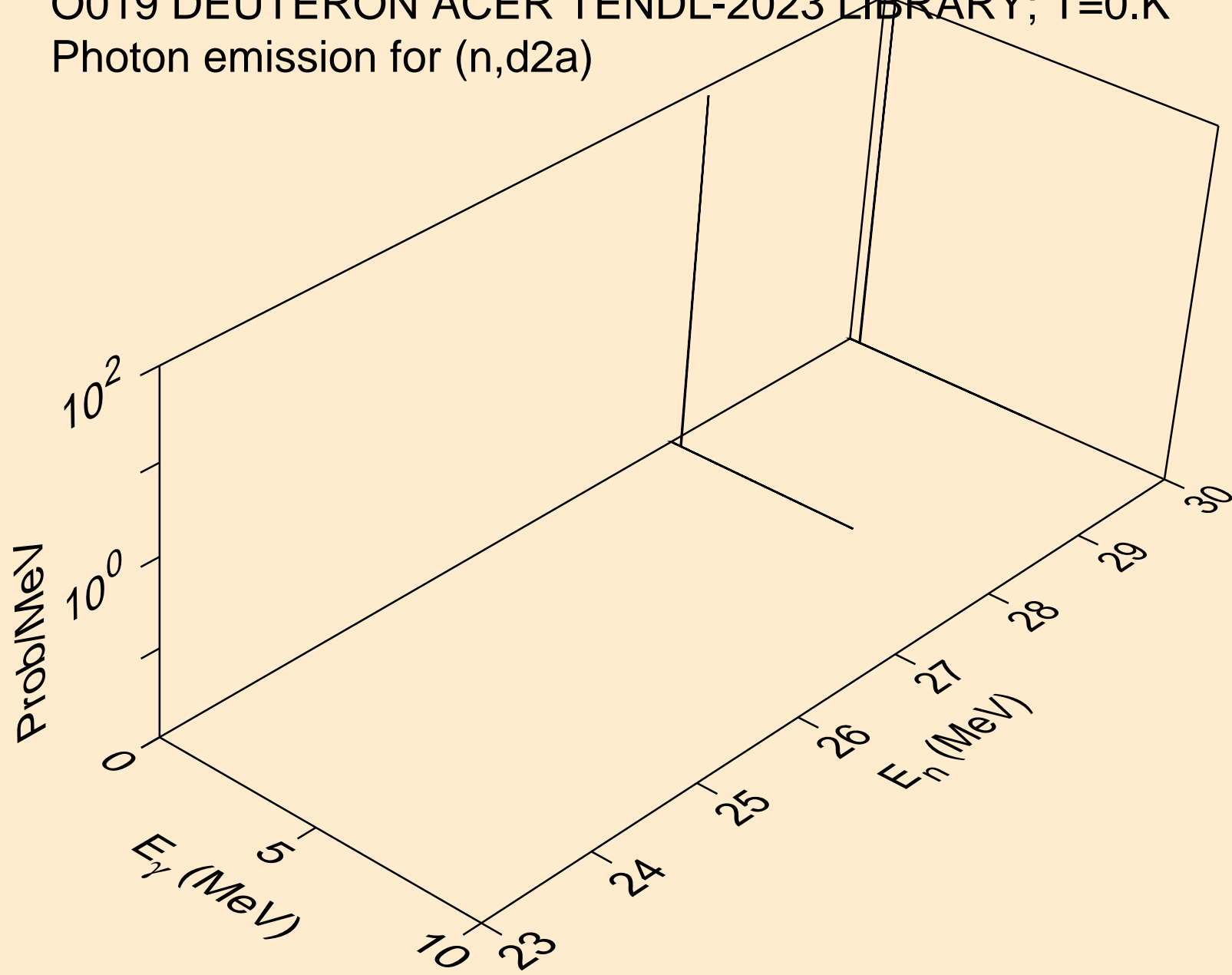
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Photon emission for (n,p)



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t2a)

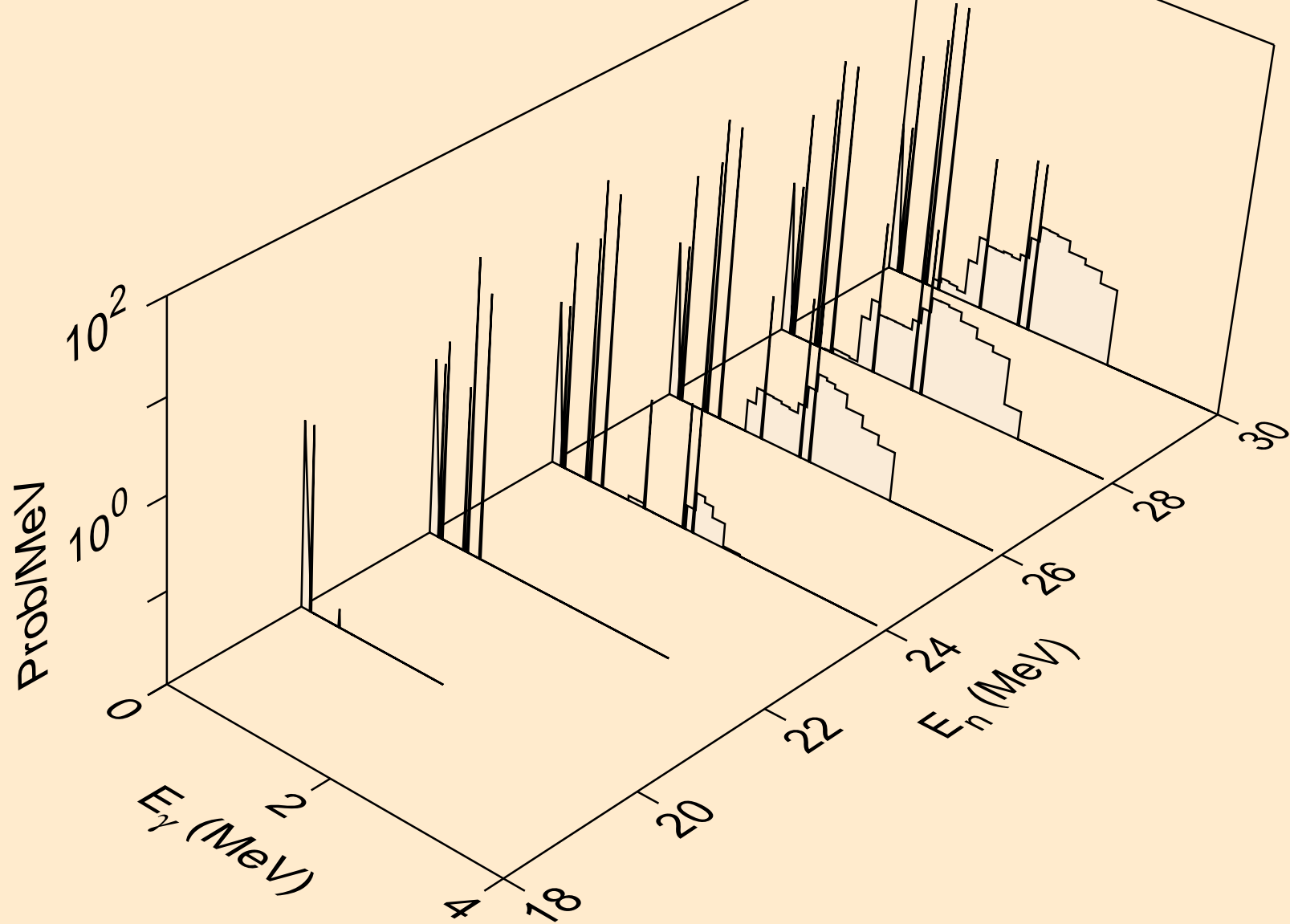


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Photon emission for (n,d2a)

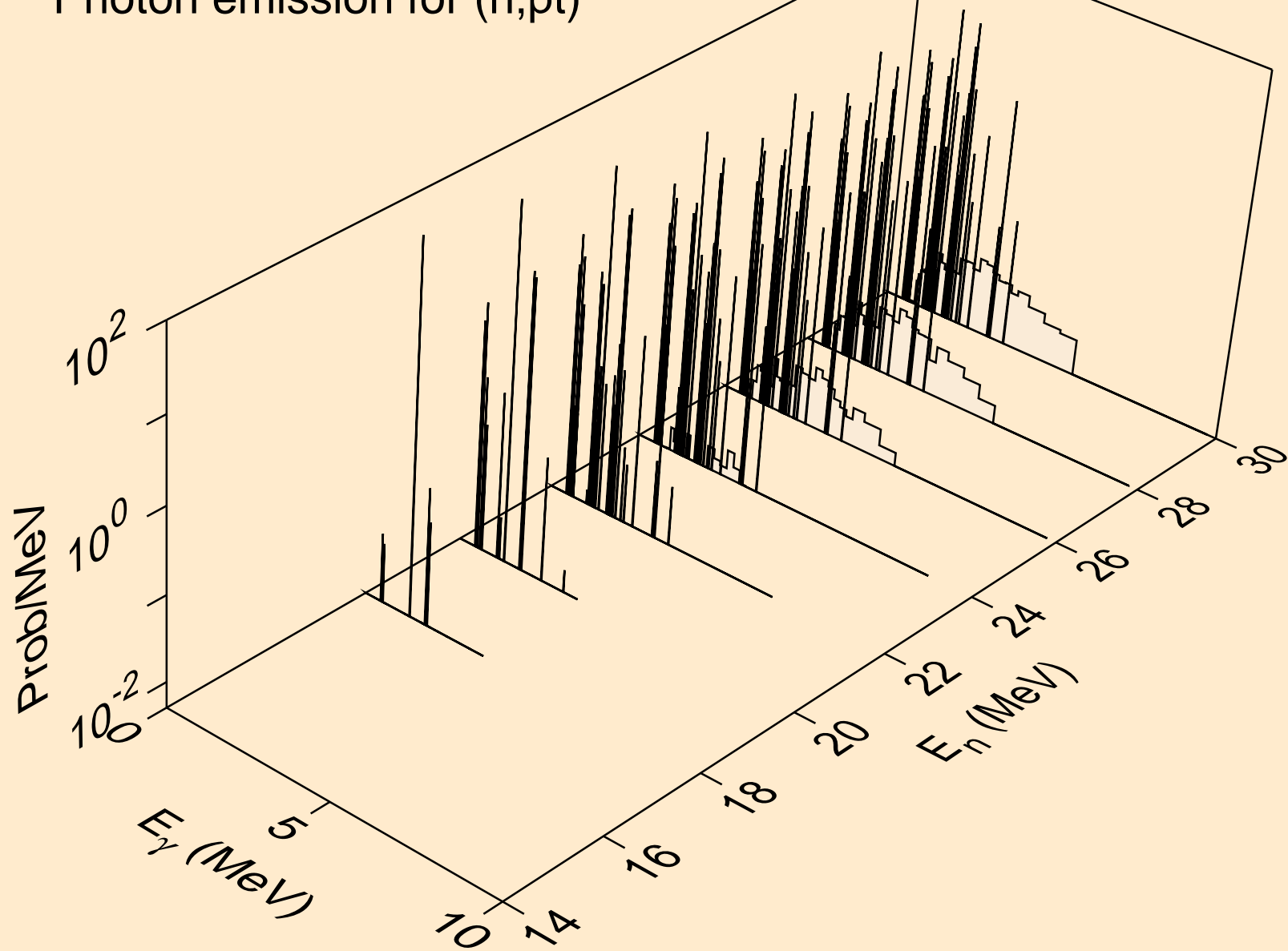




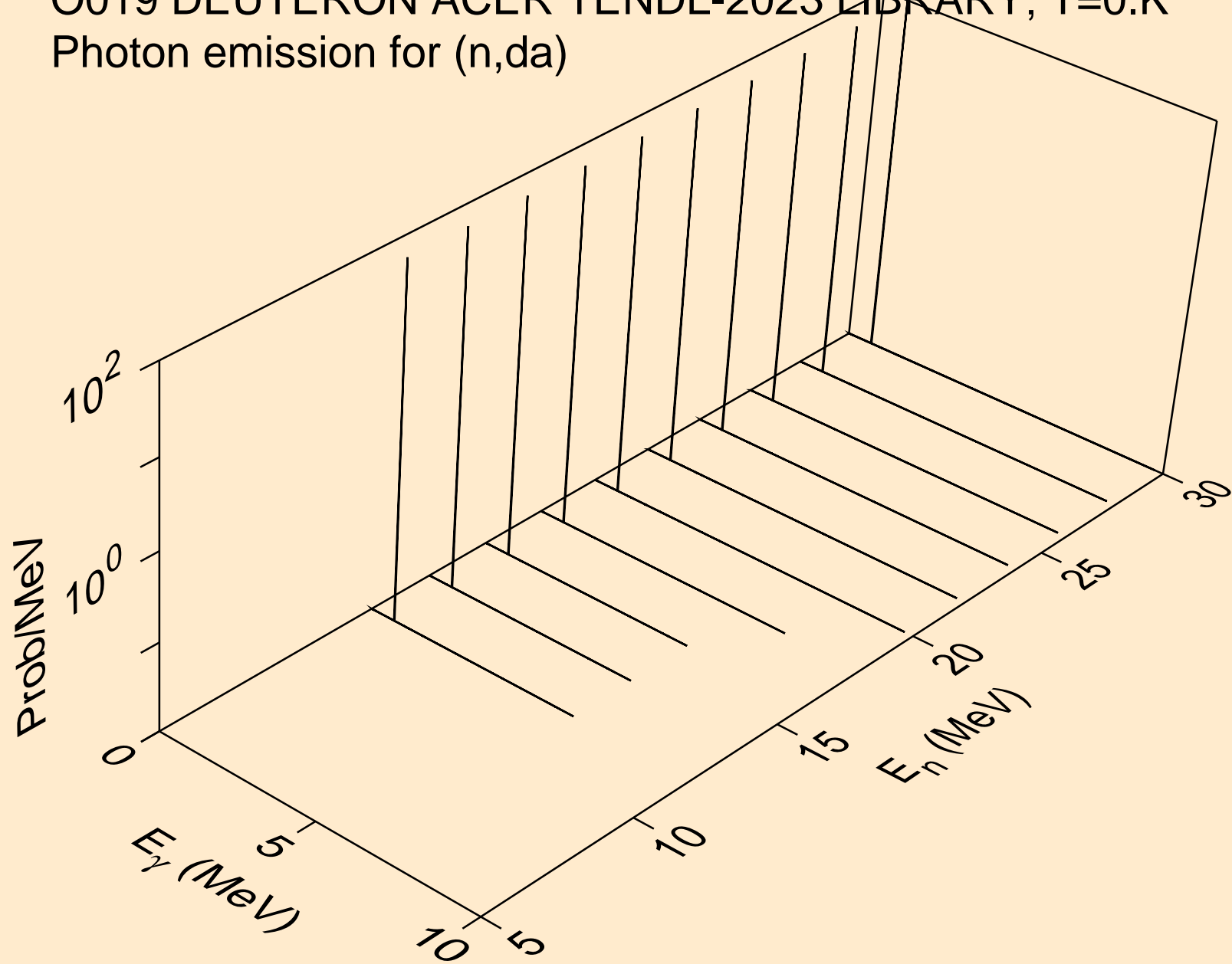
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

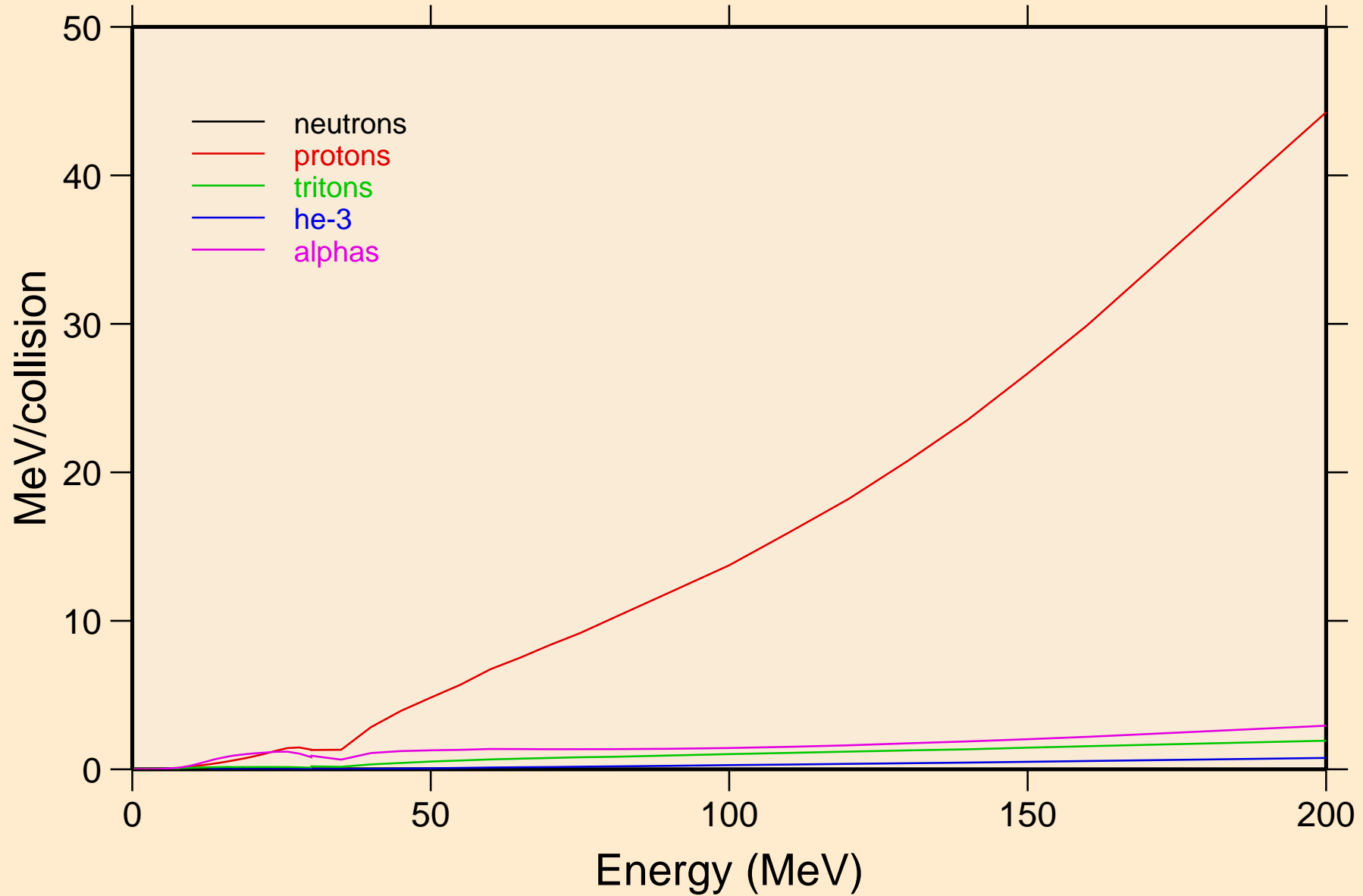


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Photon emission for (n,da)

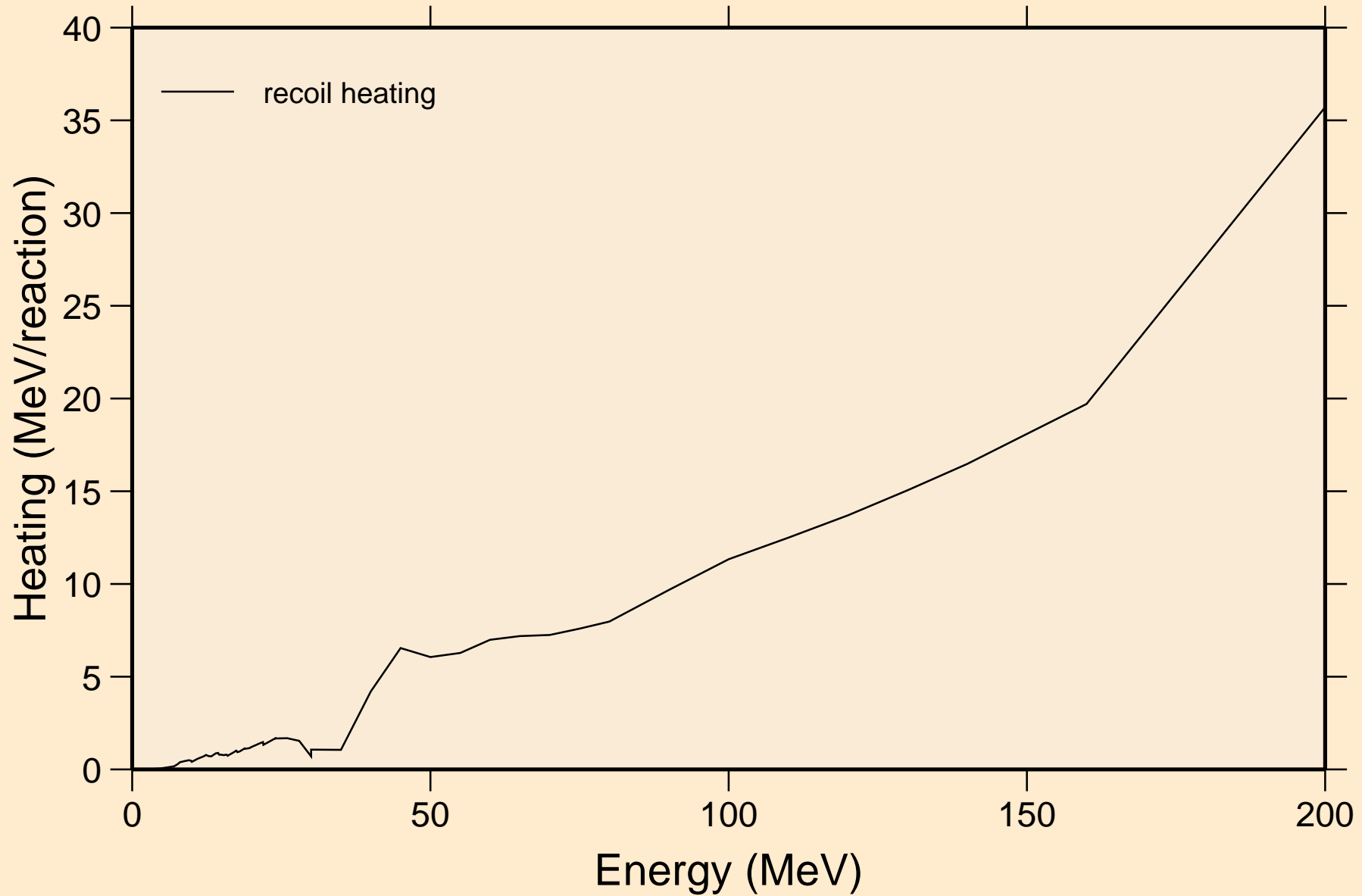


# O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

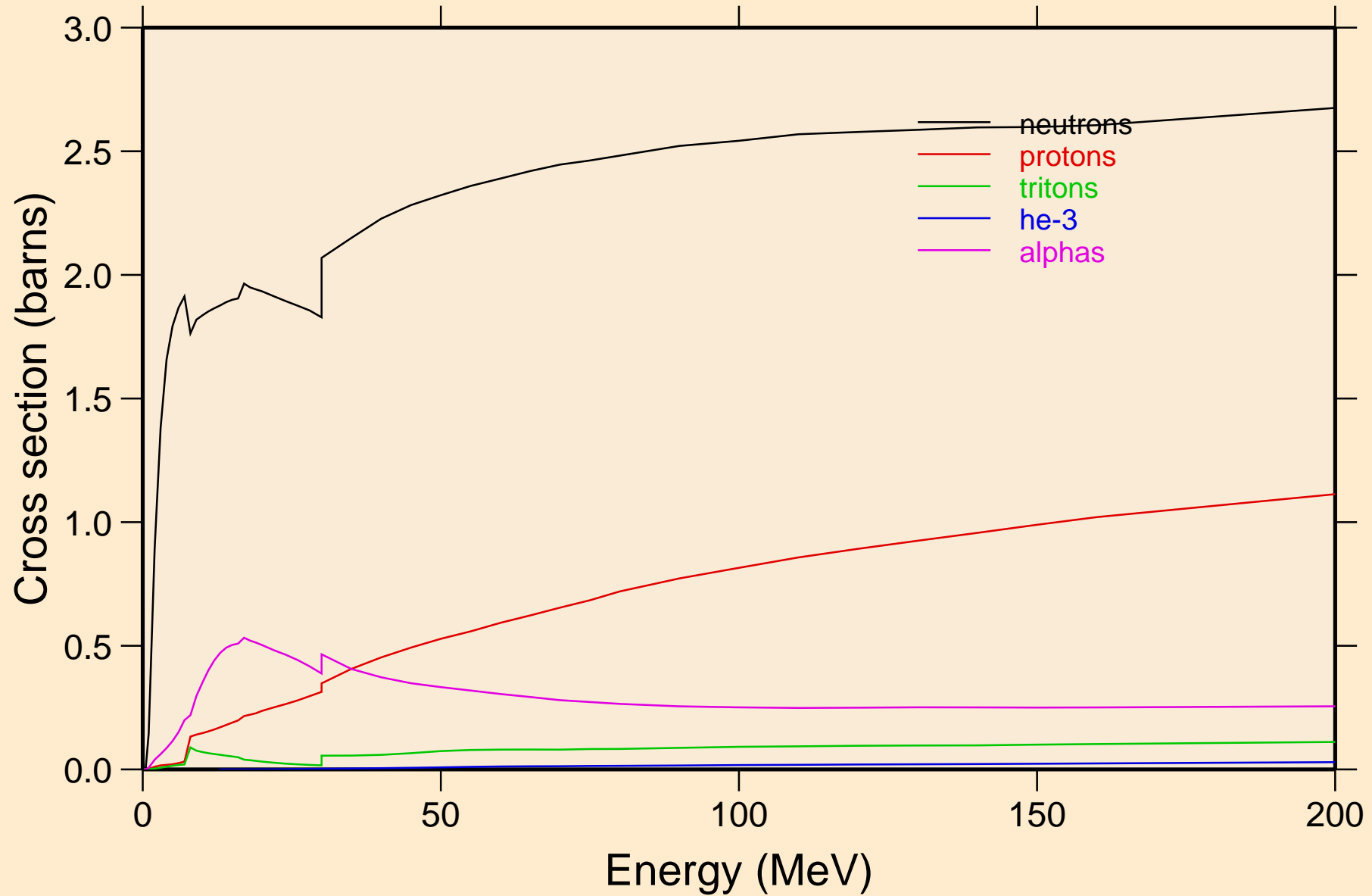


O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

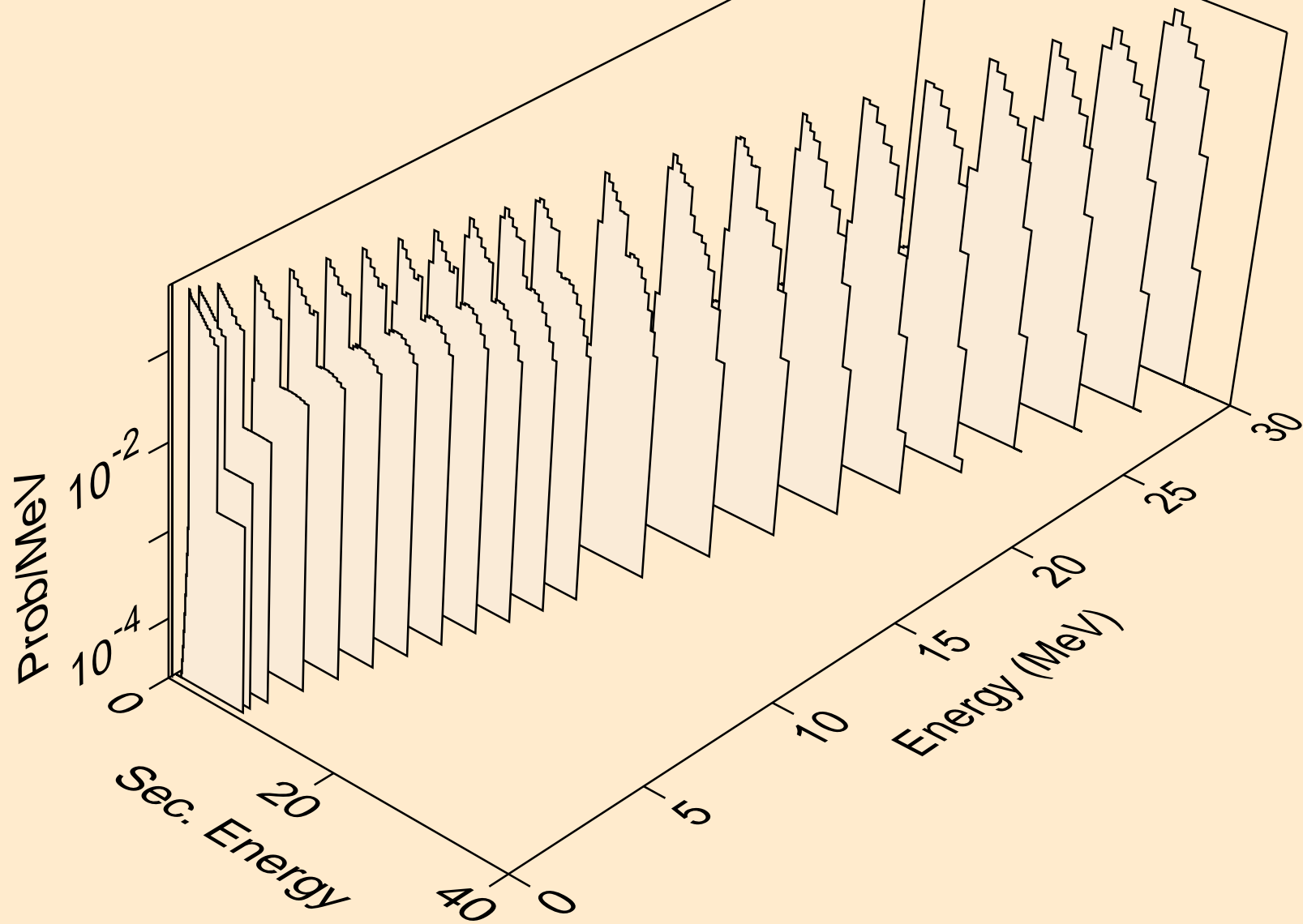


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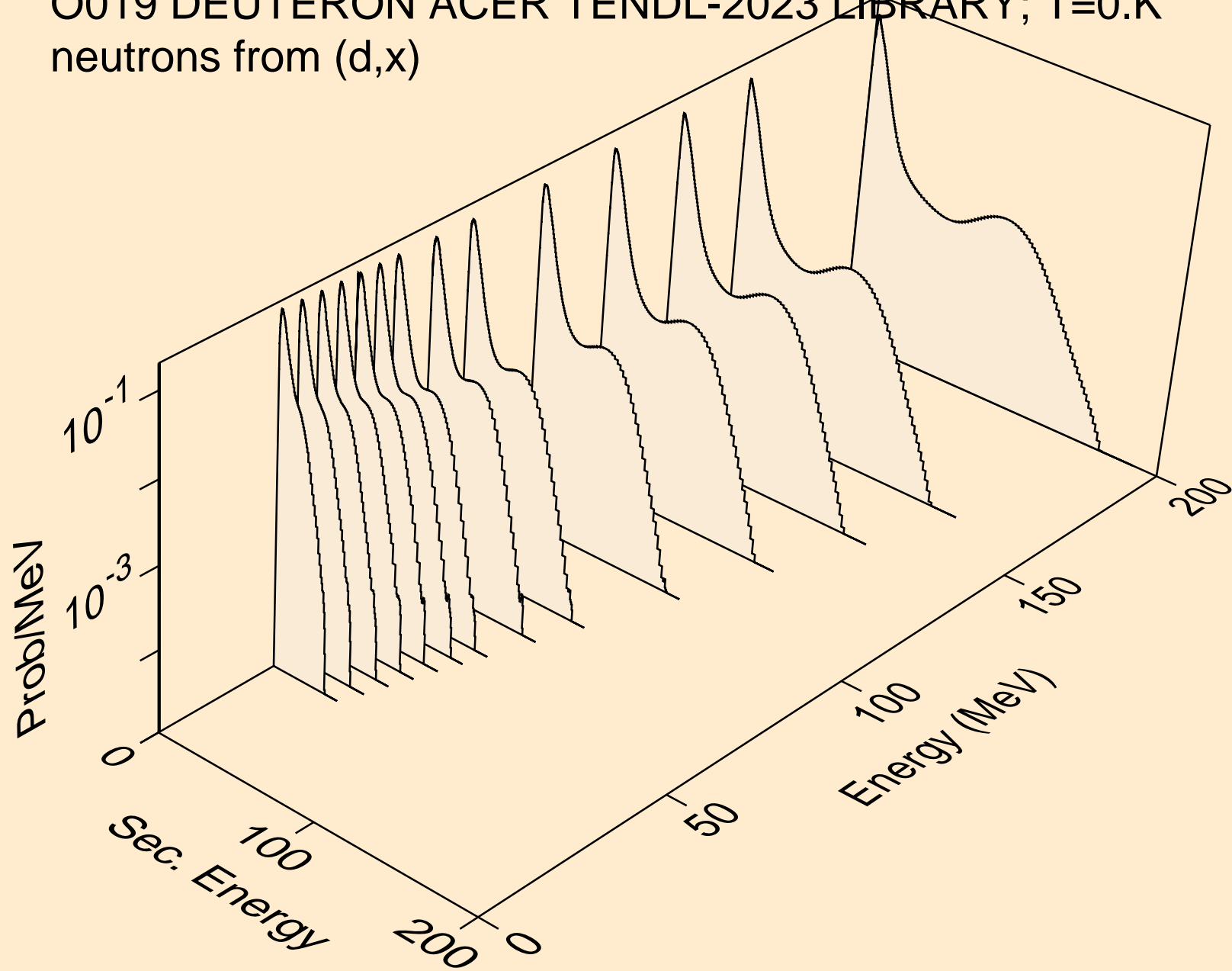
## Particle production cross sections



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n)

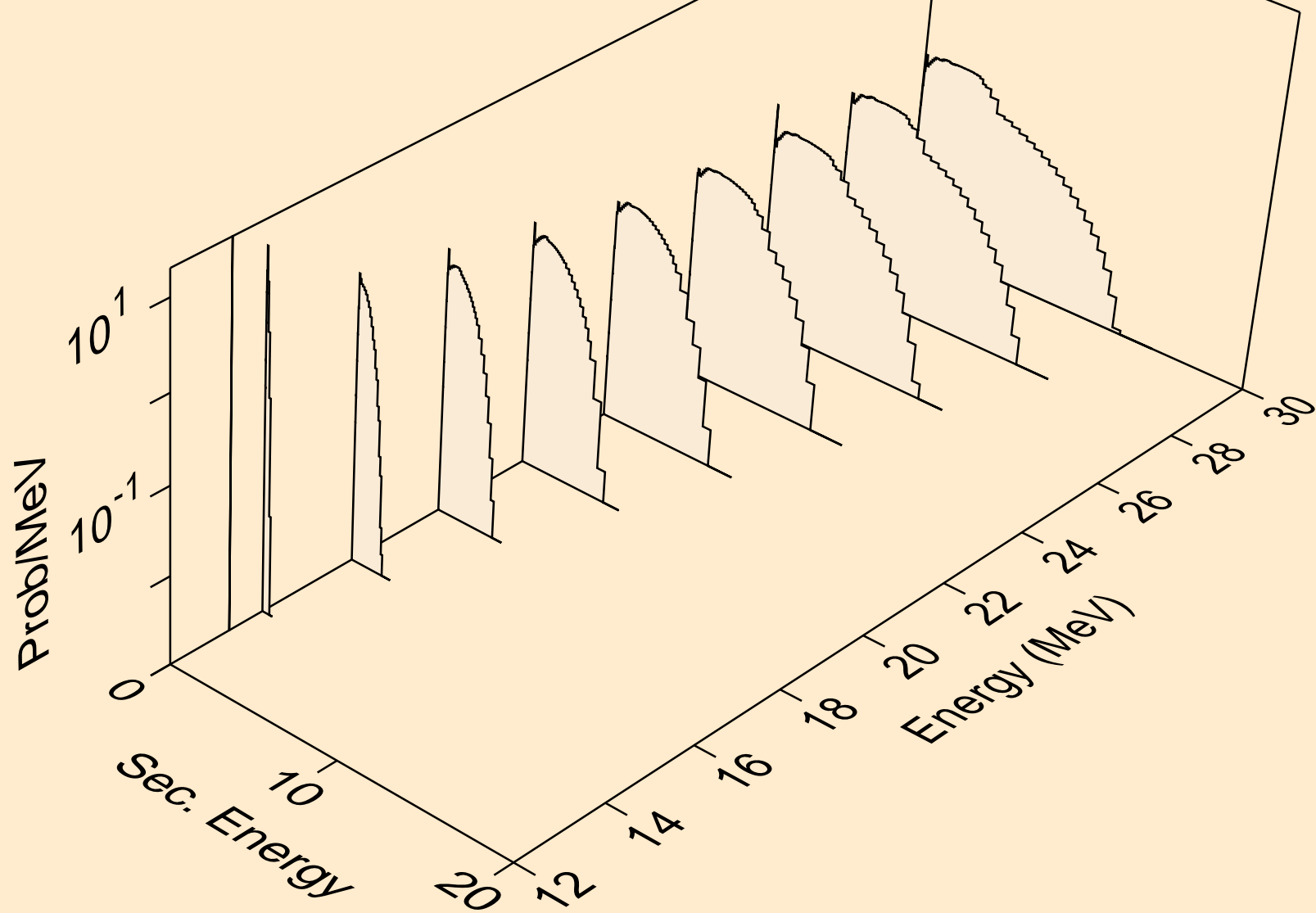


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neutrons from (d,x)

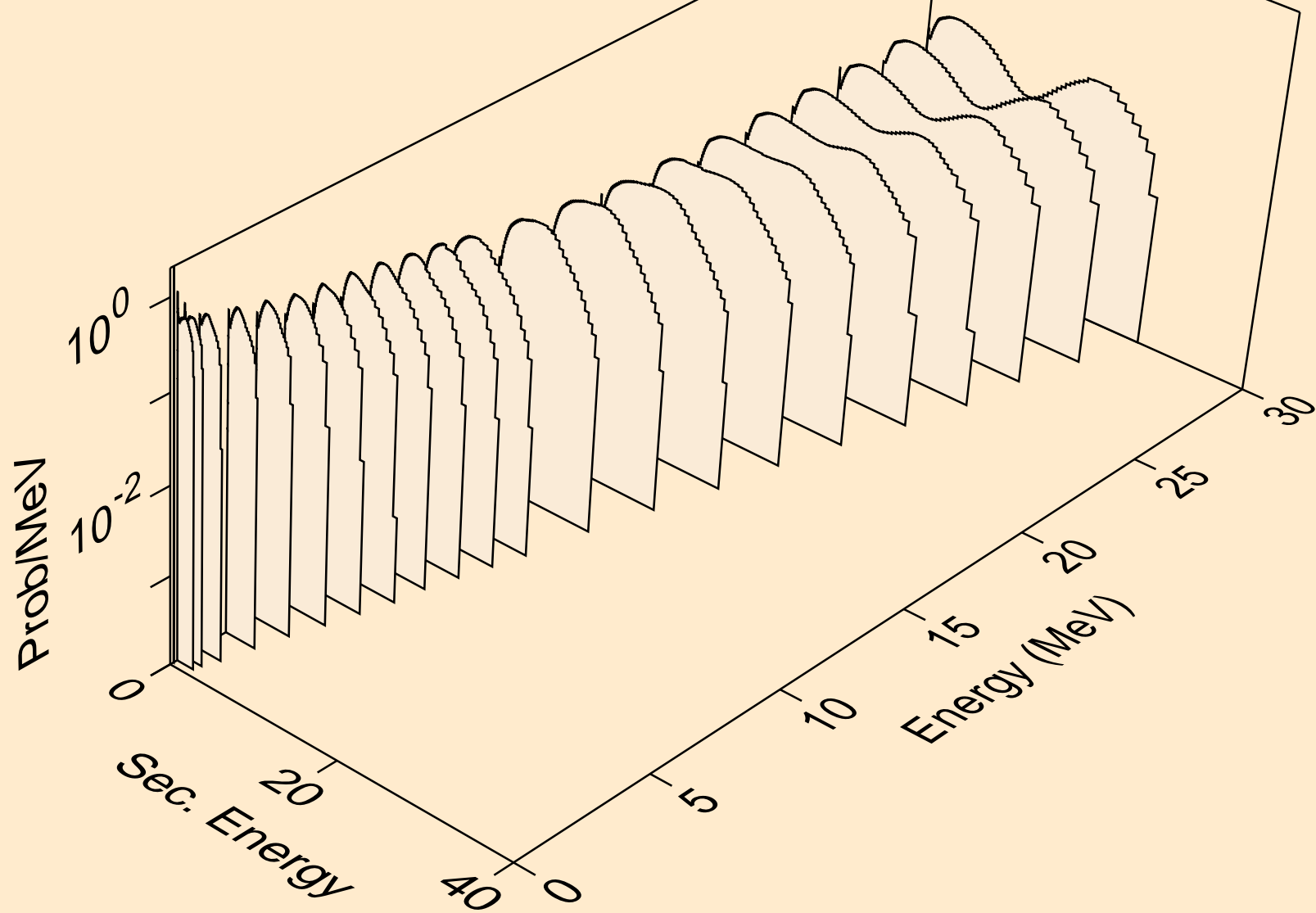




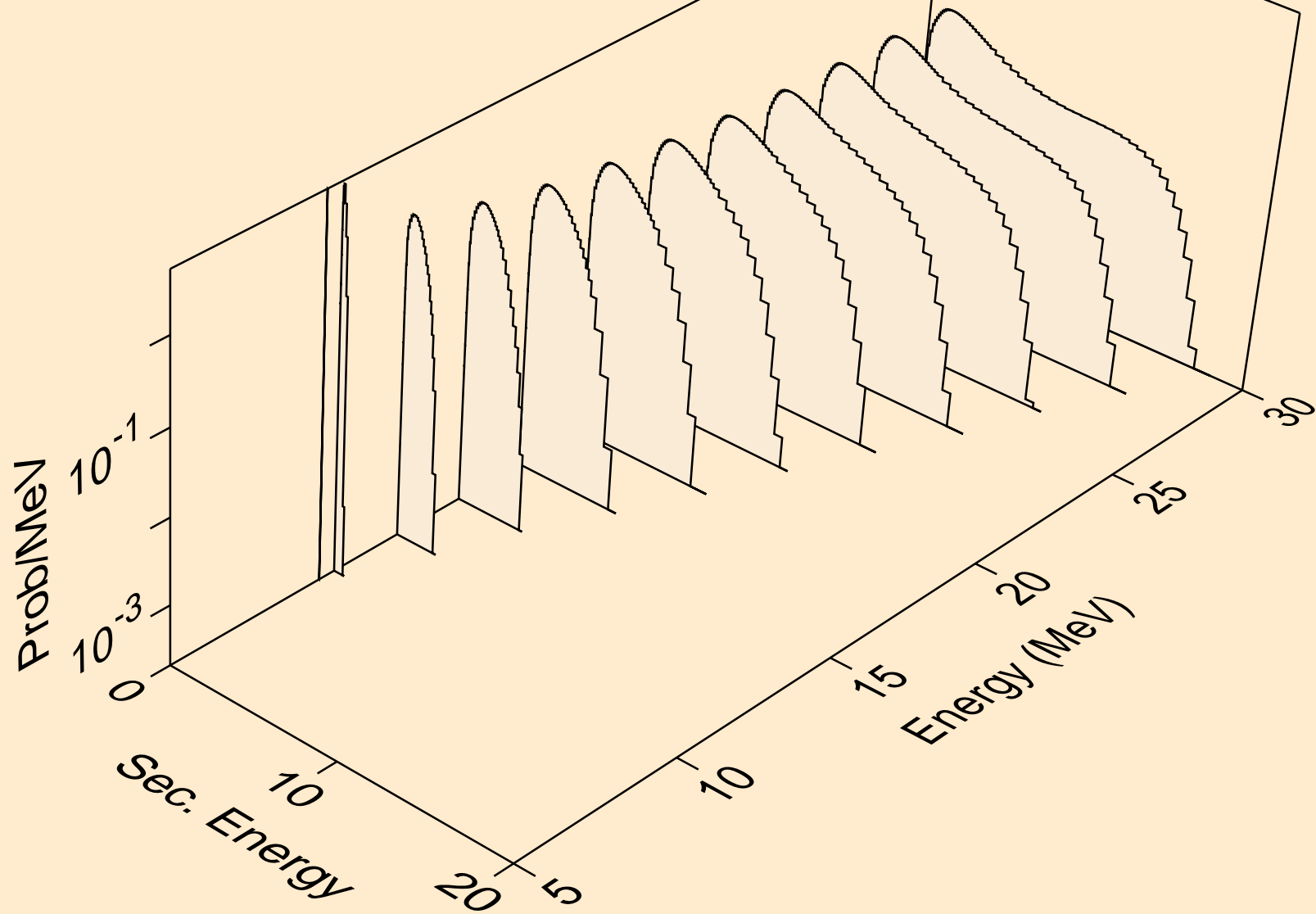
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neutrons from (d,2nd)



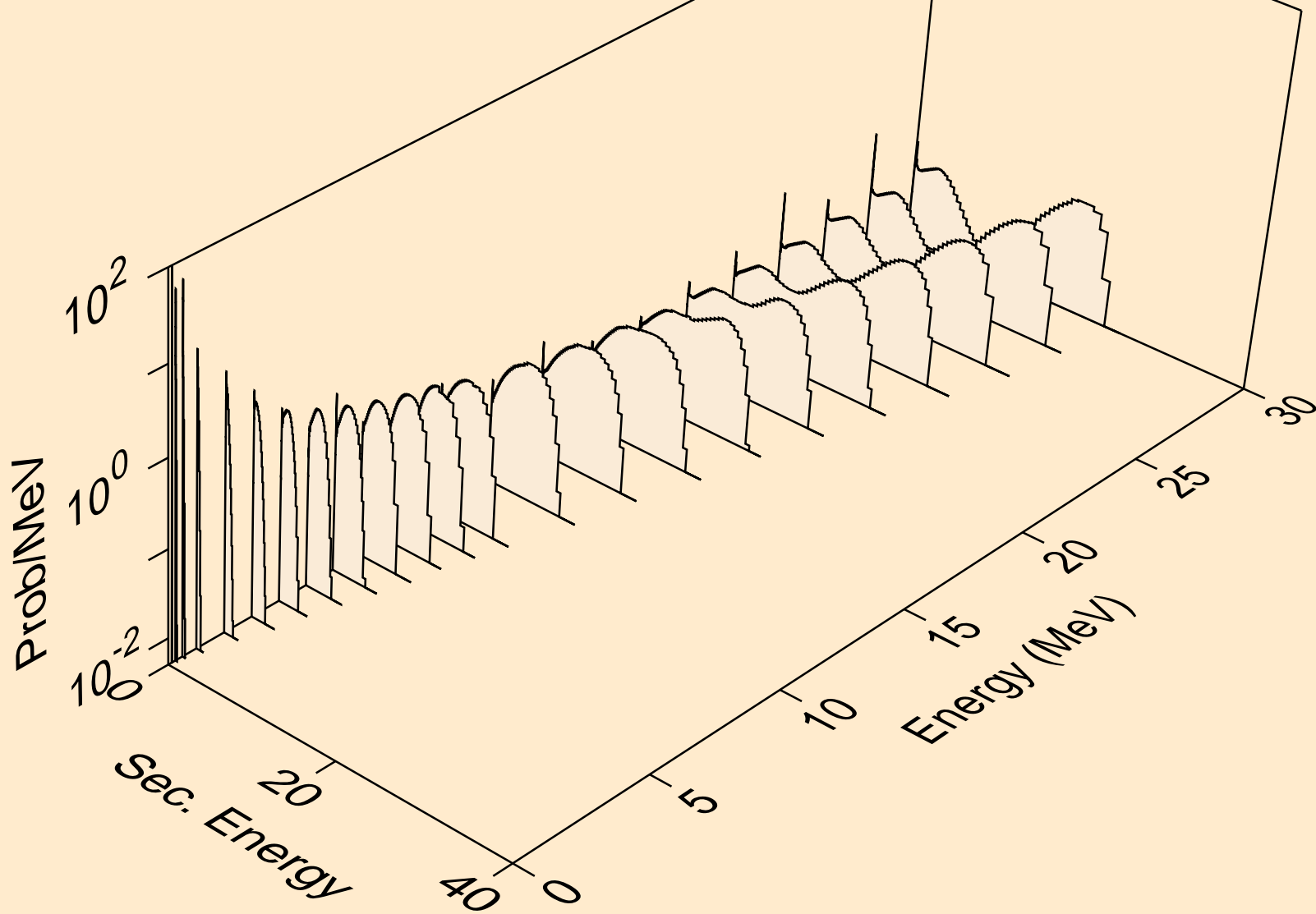
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neutrons from (d,2n)



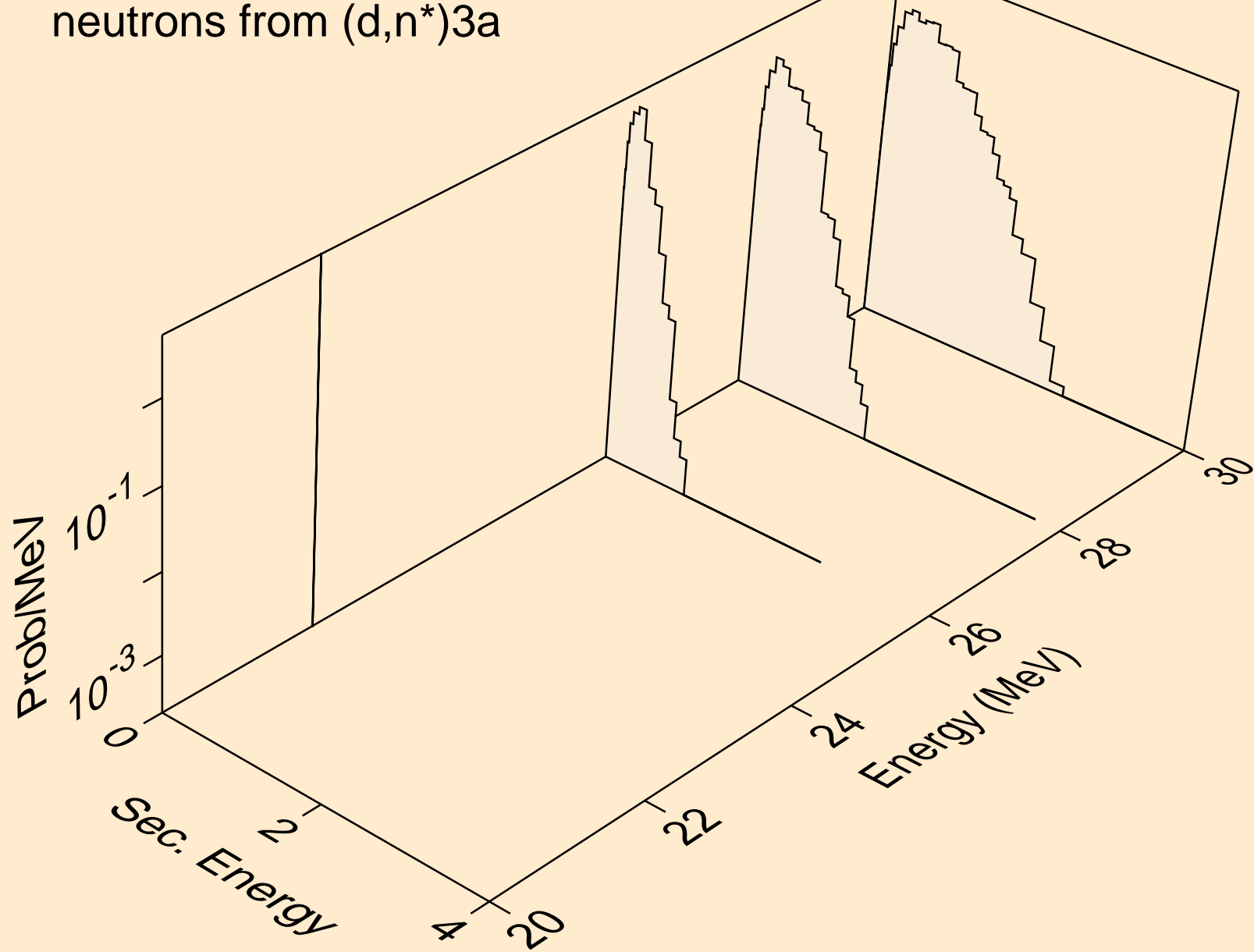
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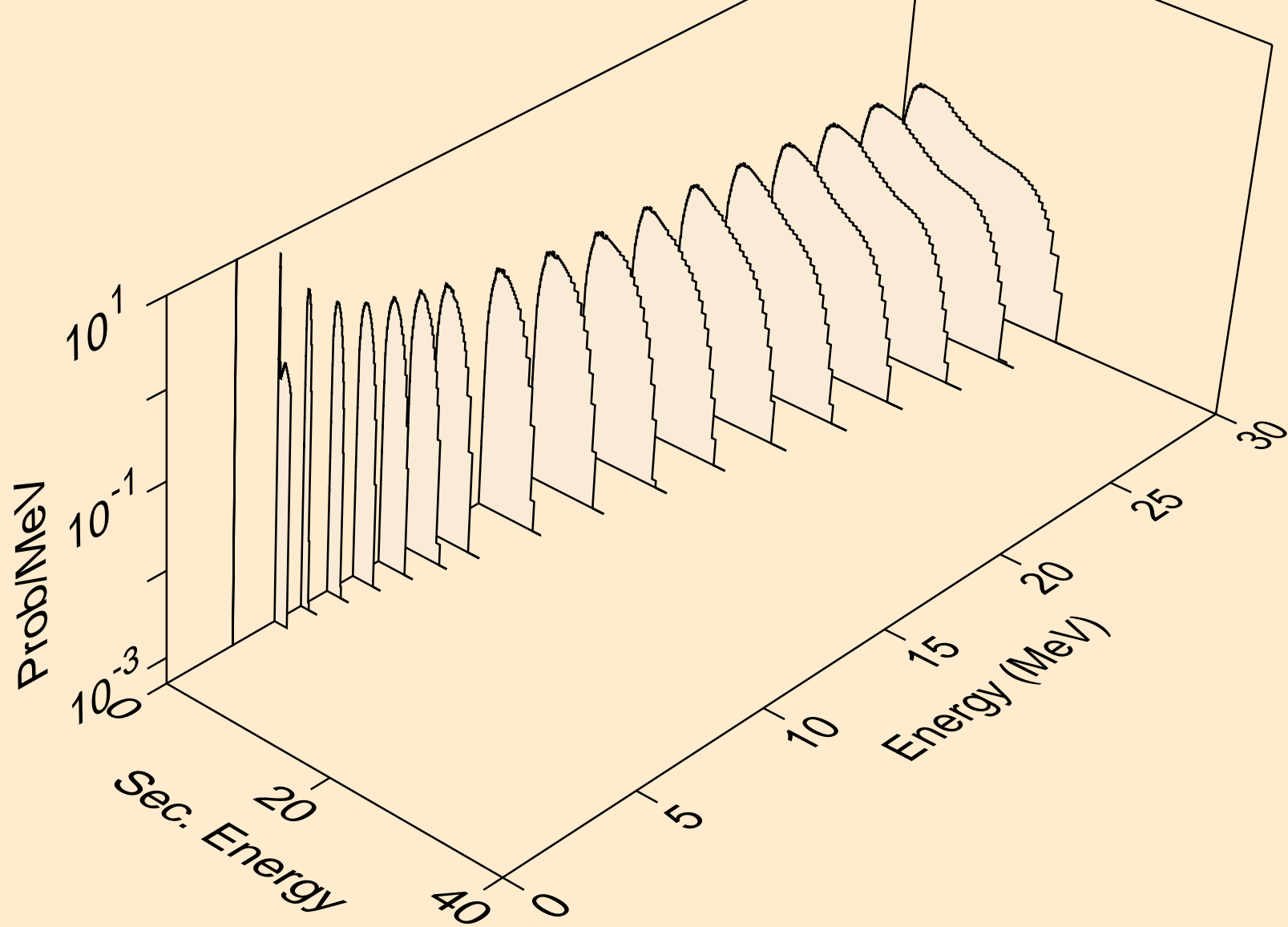
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)a



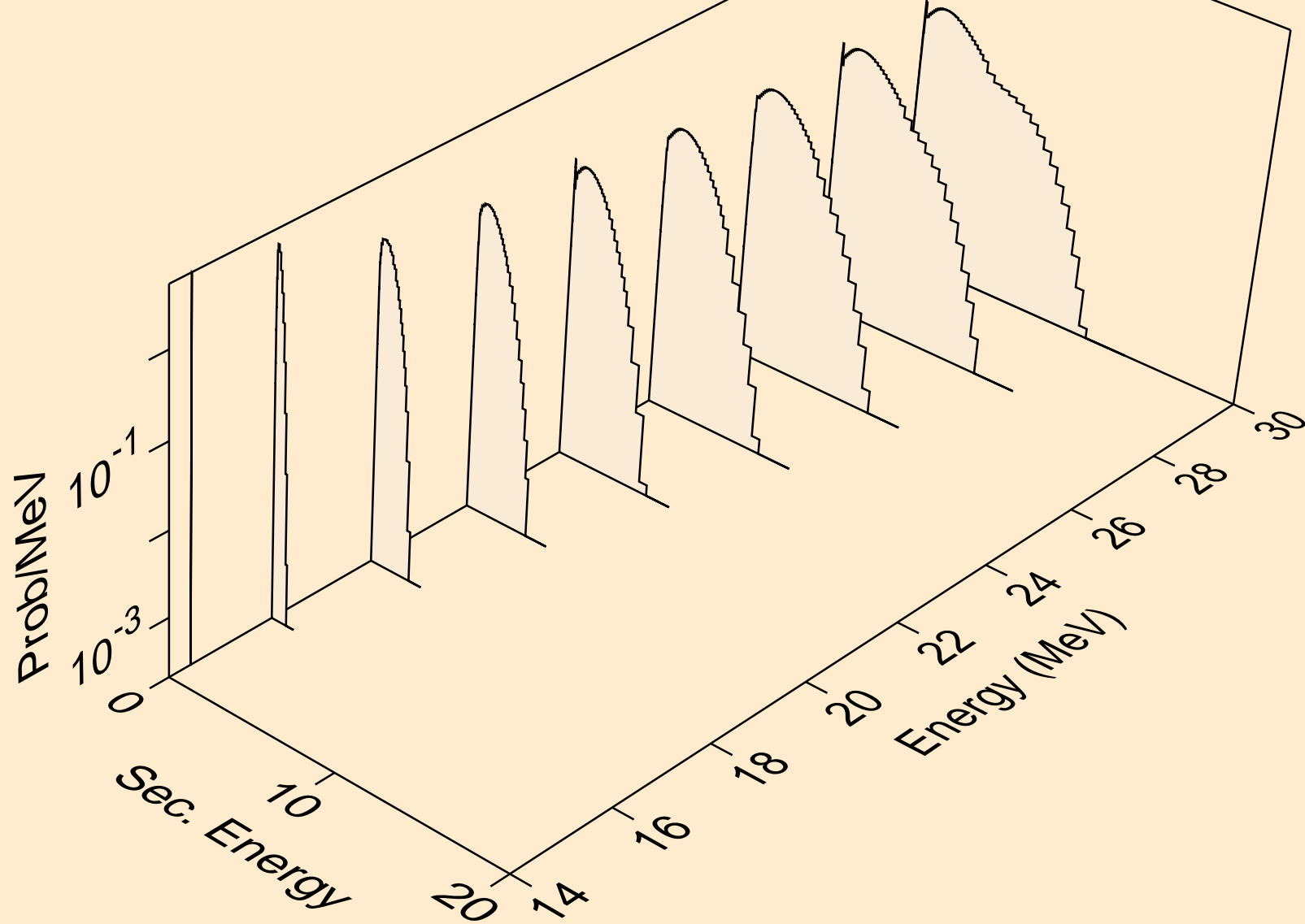
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neutrons from (d,n\*)3a



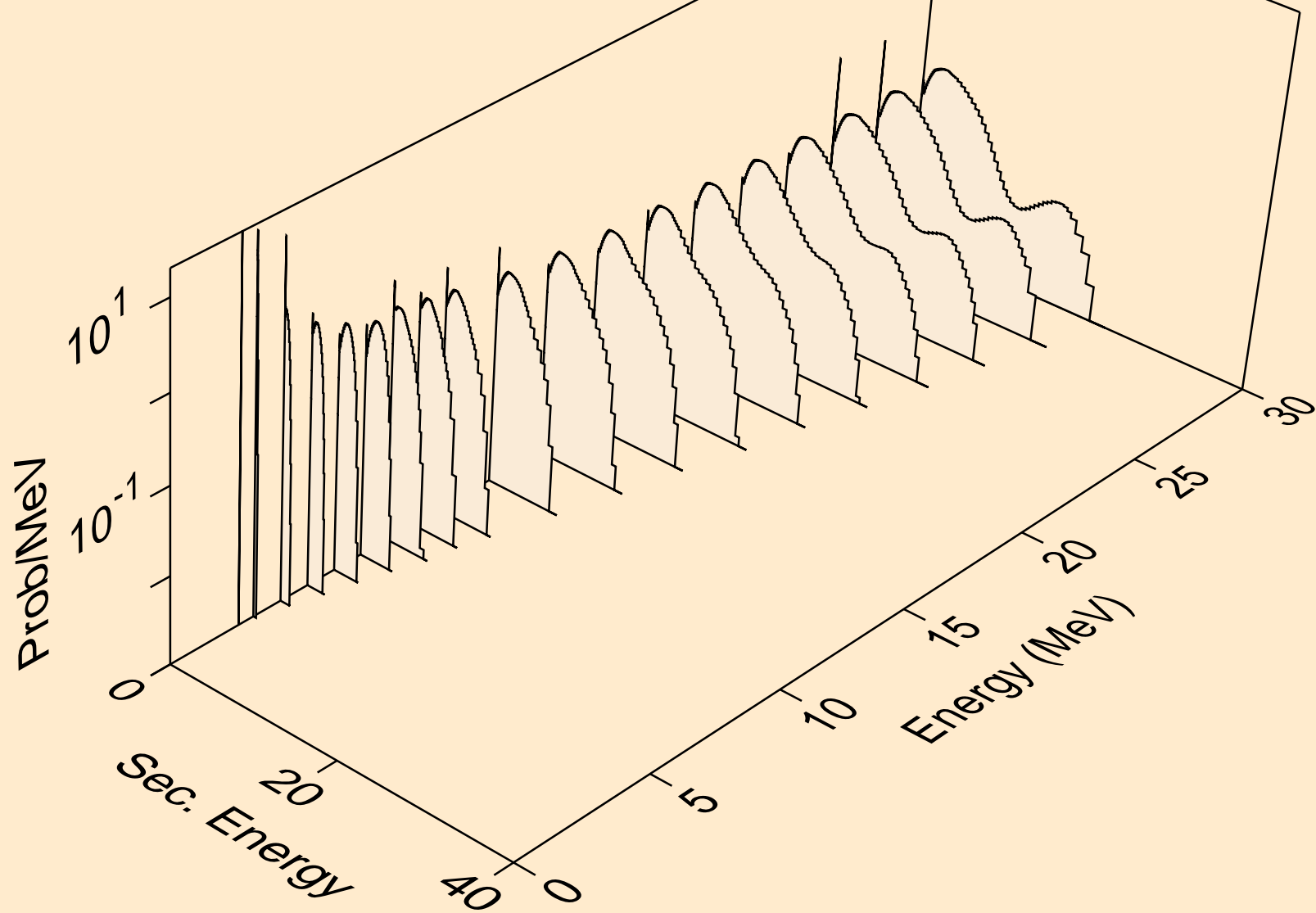
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neutrons from (d,2n)a



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neutrons from (d,3n)a

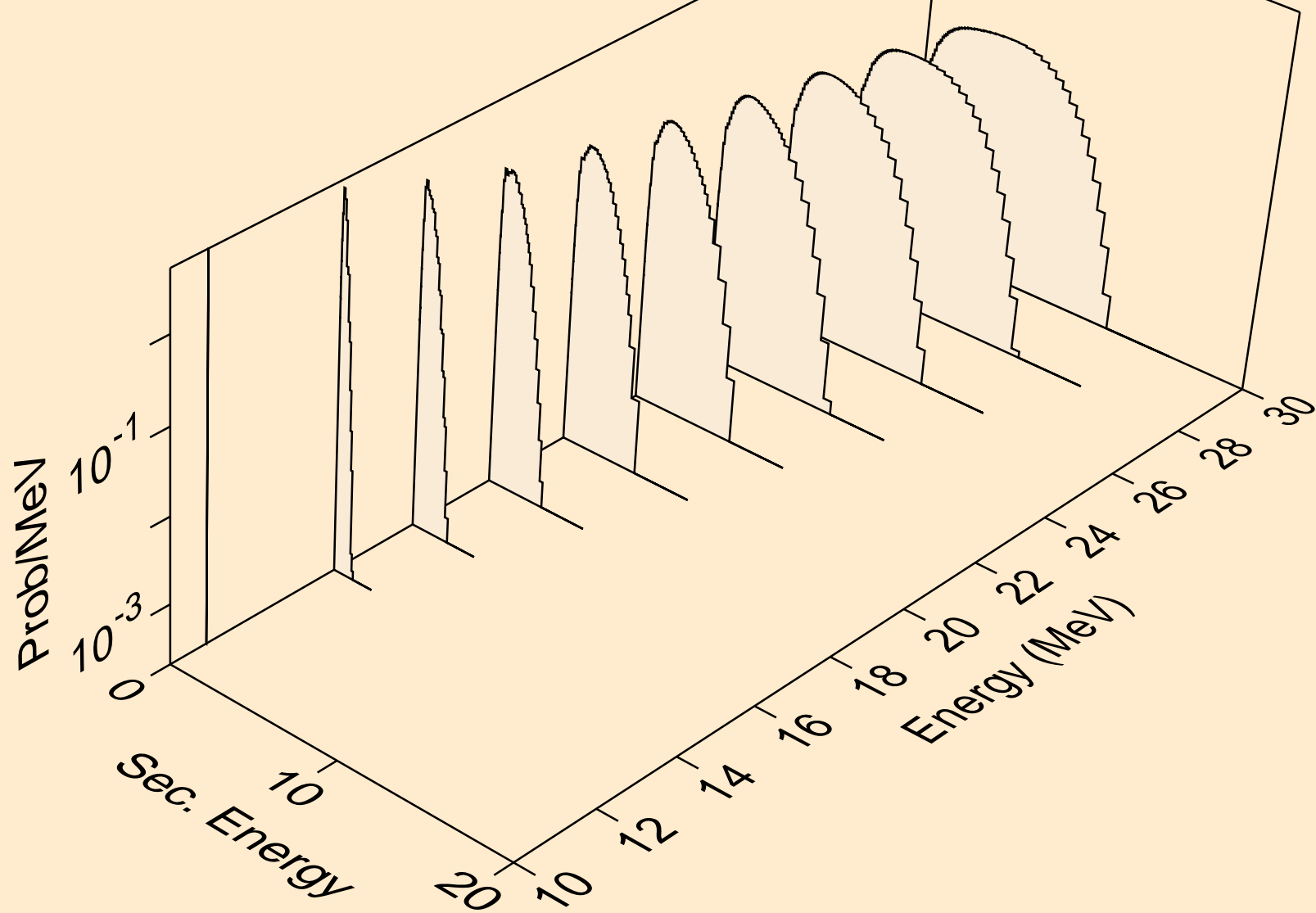


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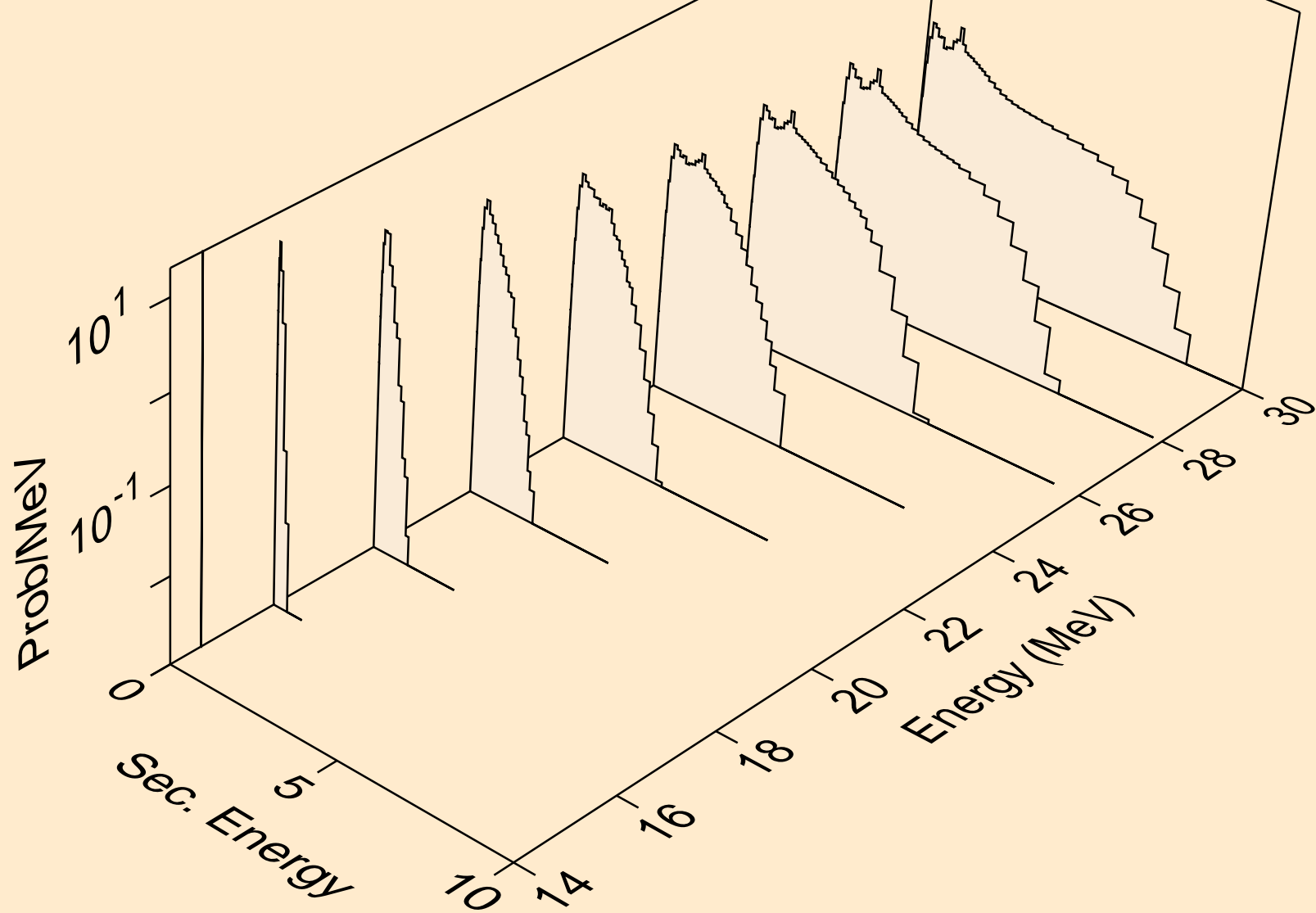




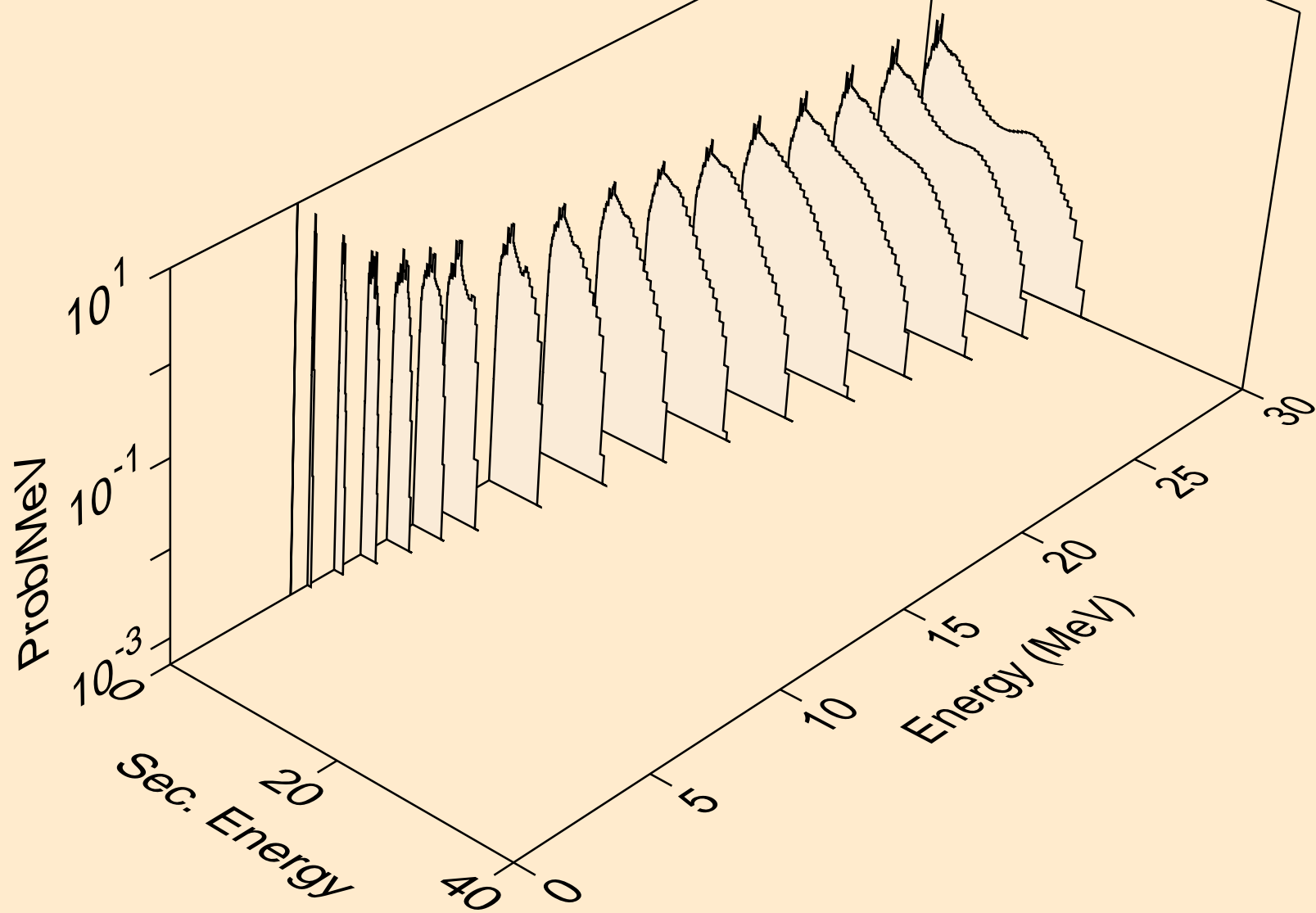
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neutrons from (d,n\*)2a



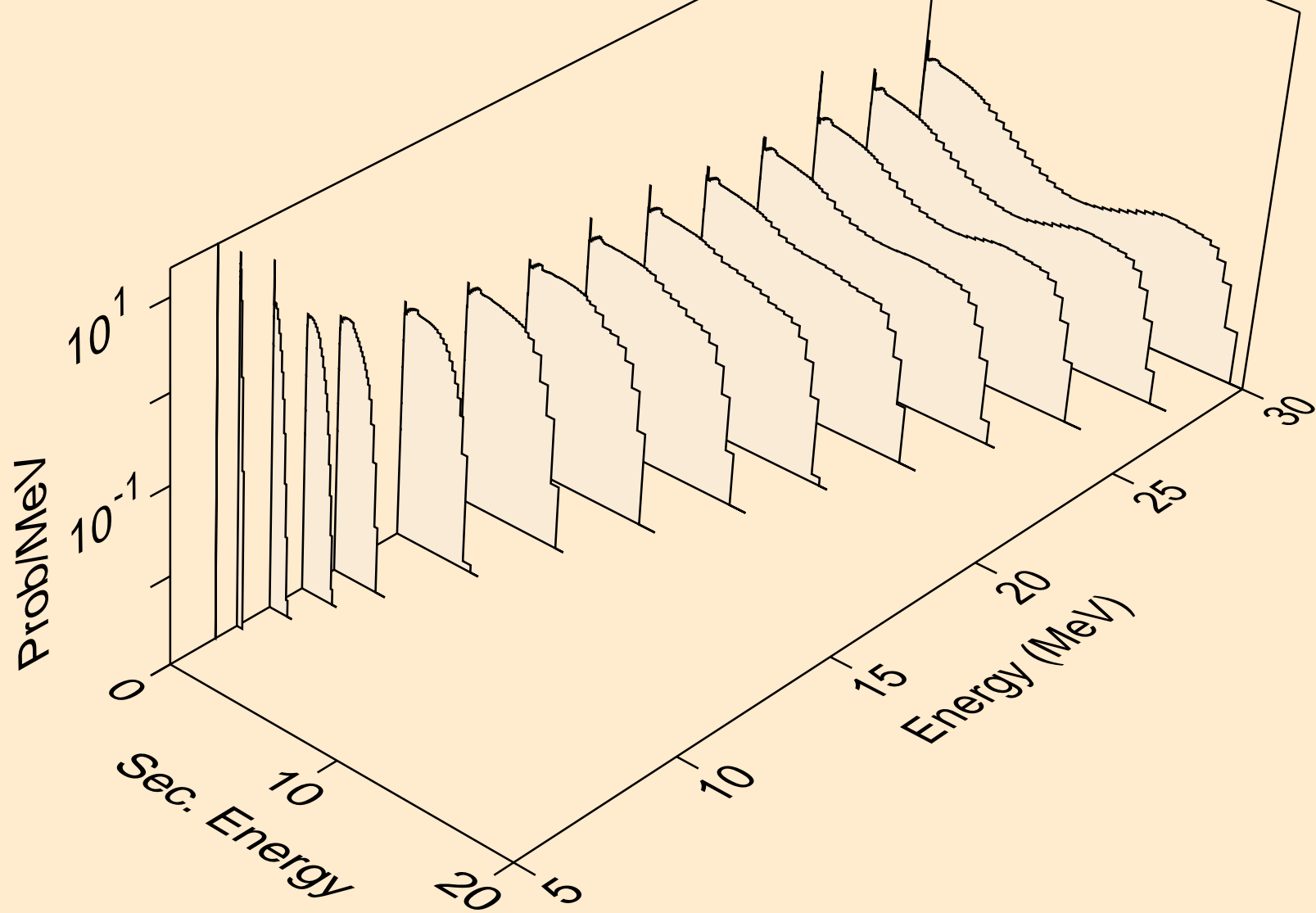
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2n)2a



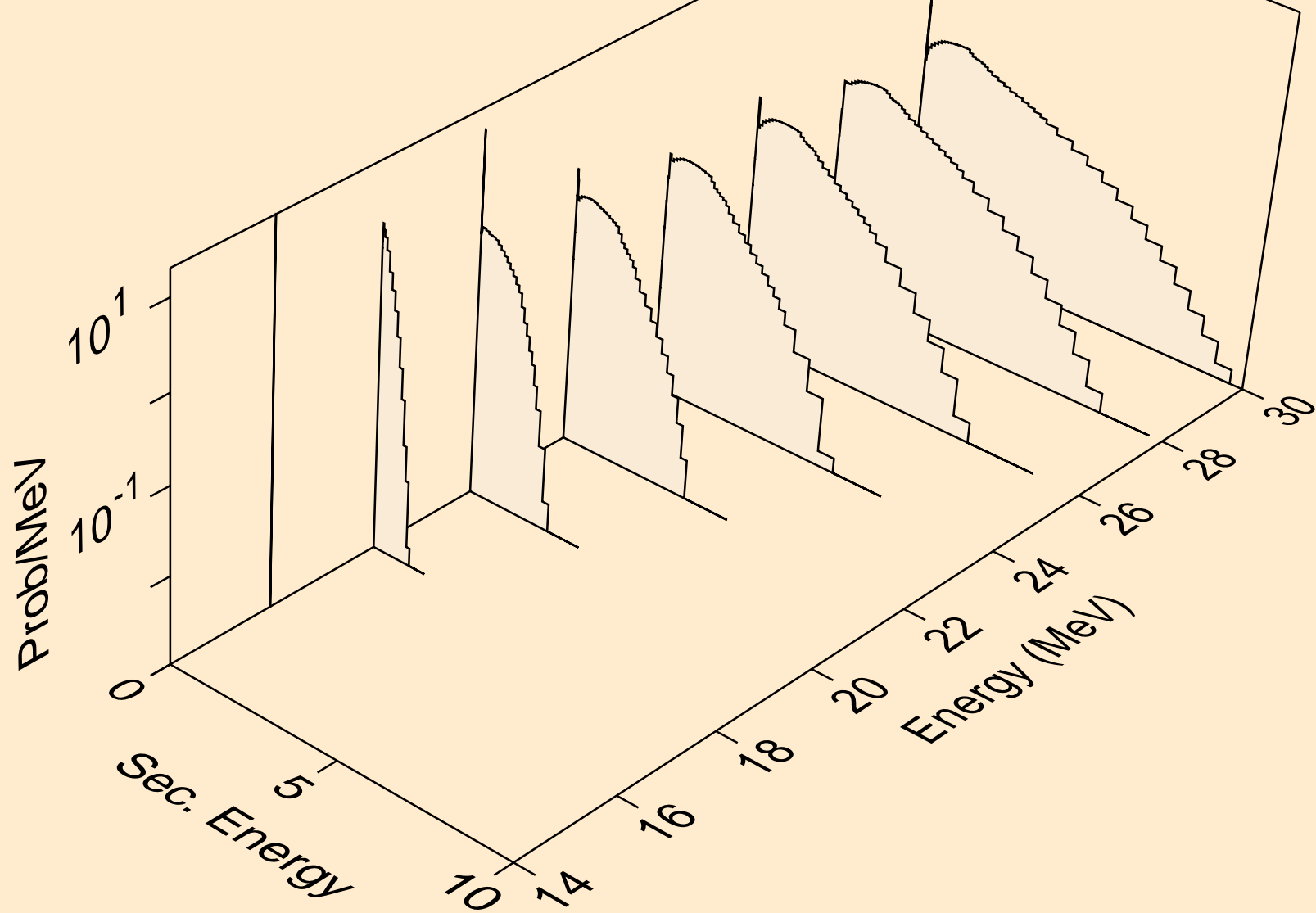
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)d



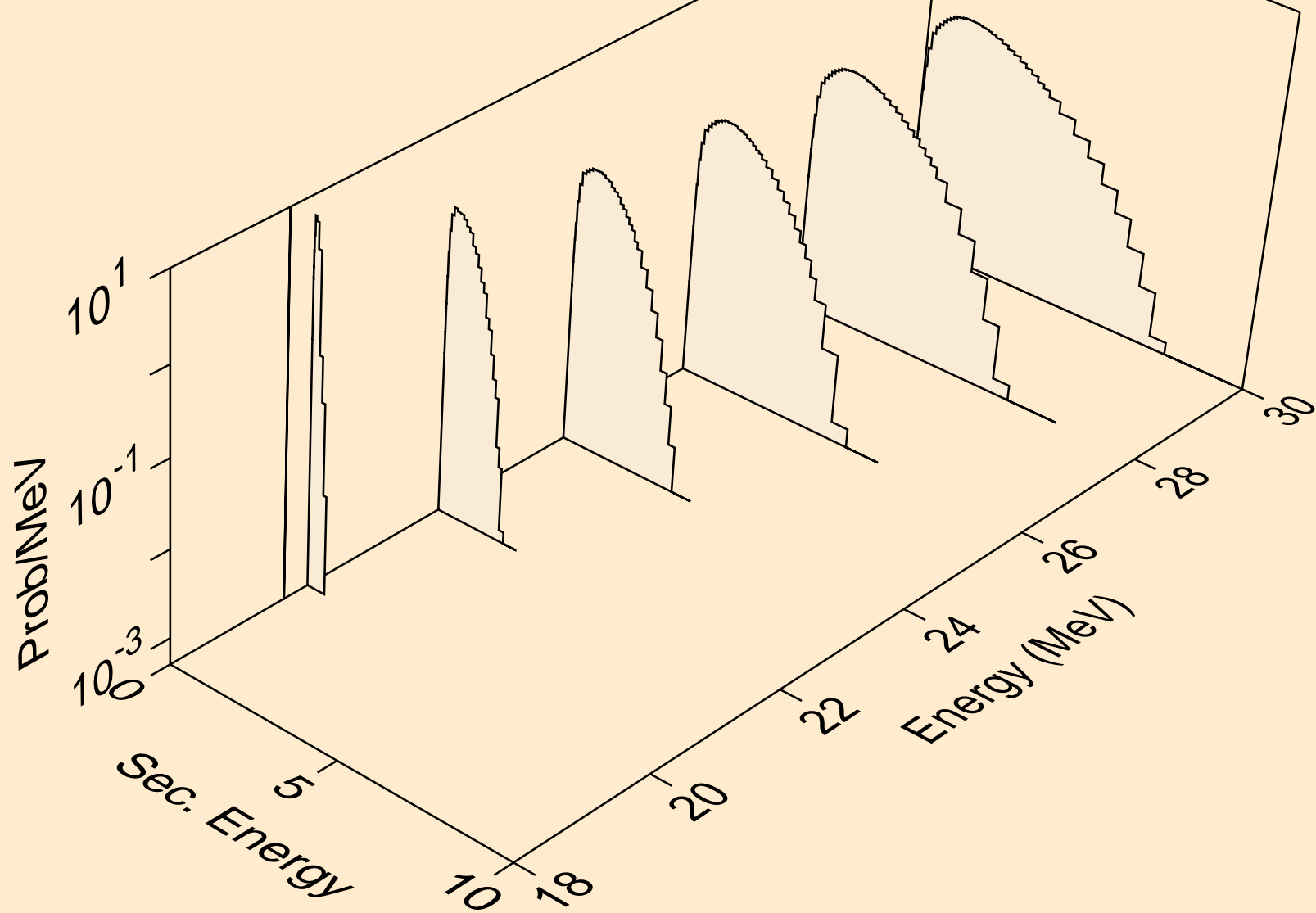
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)t



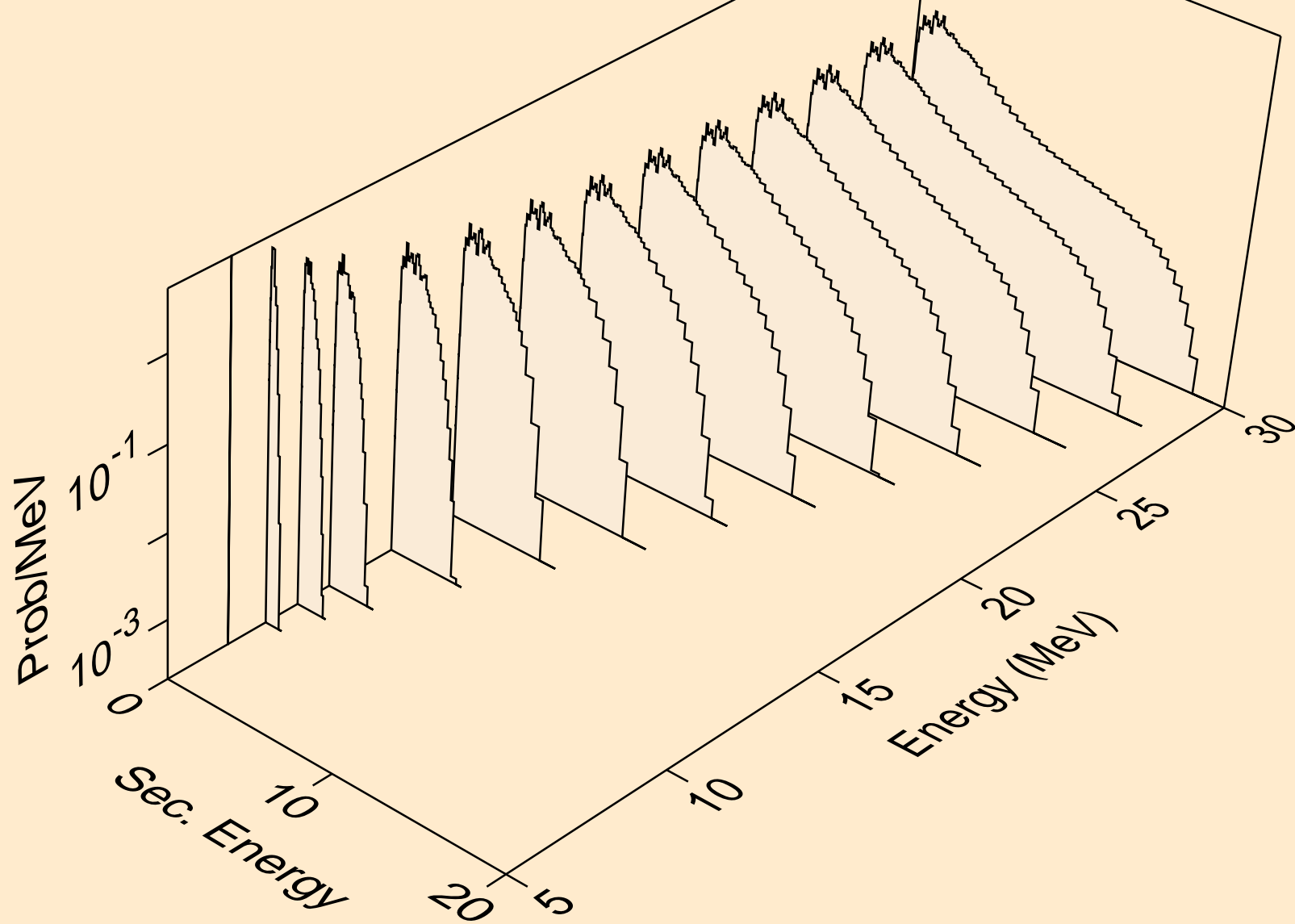
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)he3



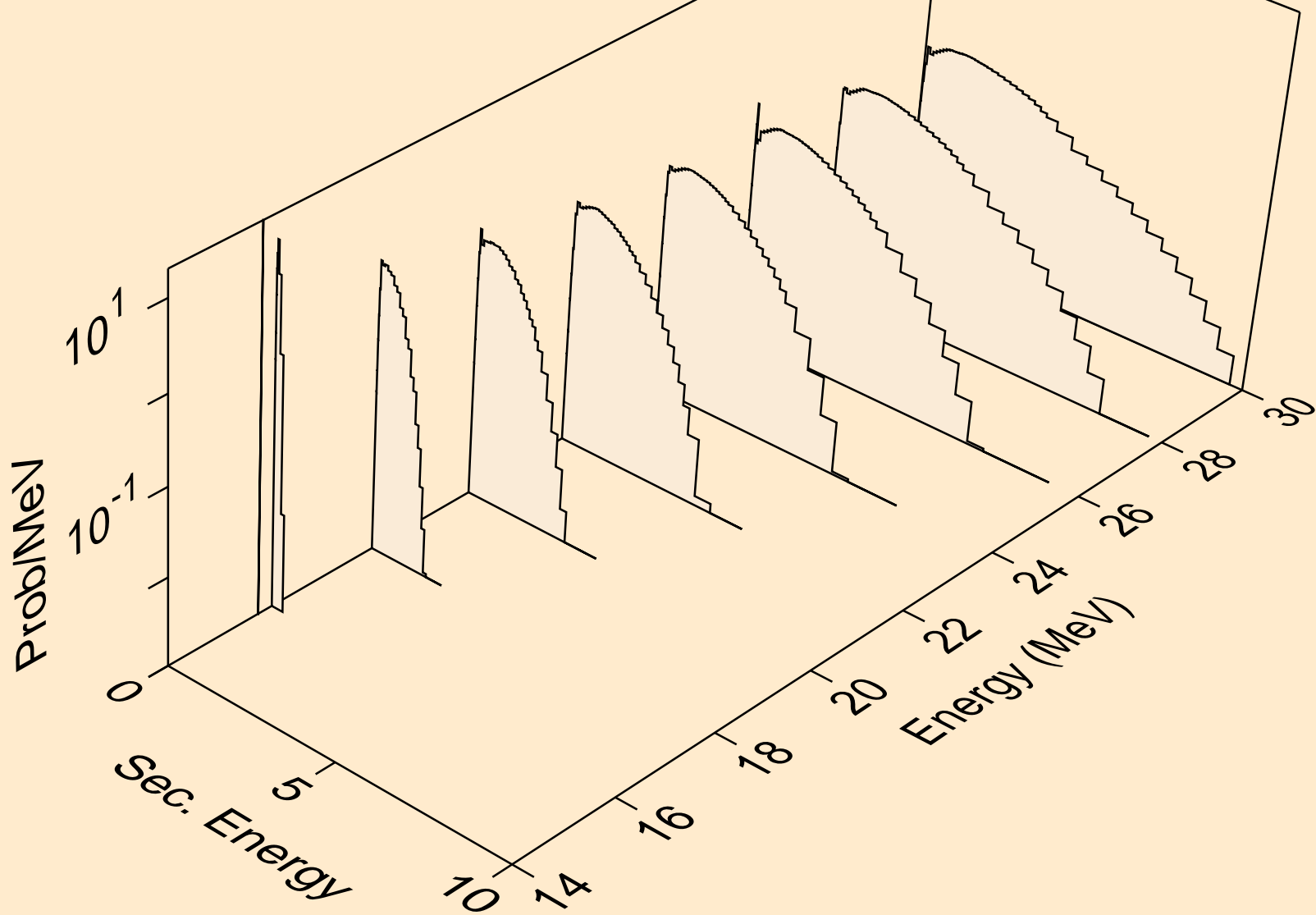
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,4n)



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2np)

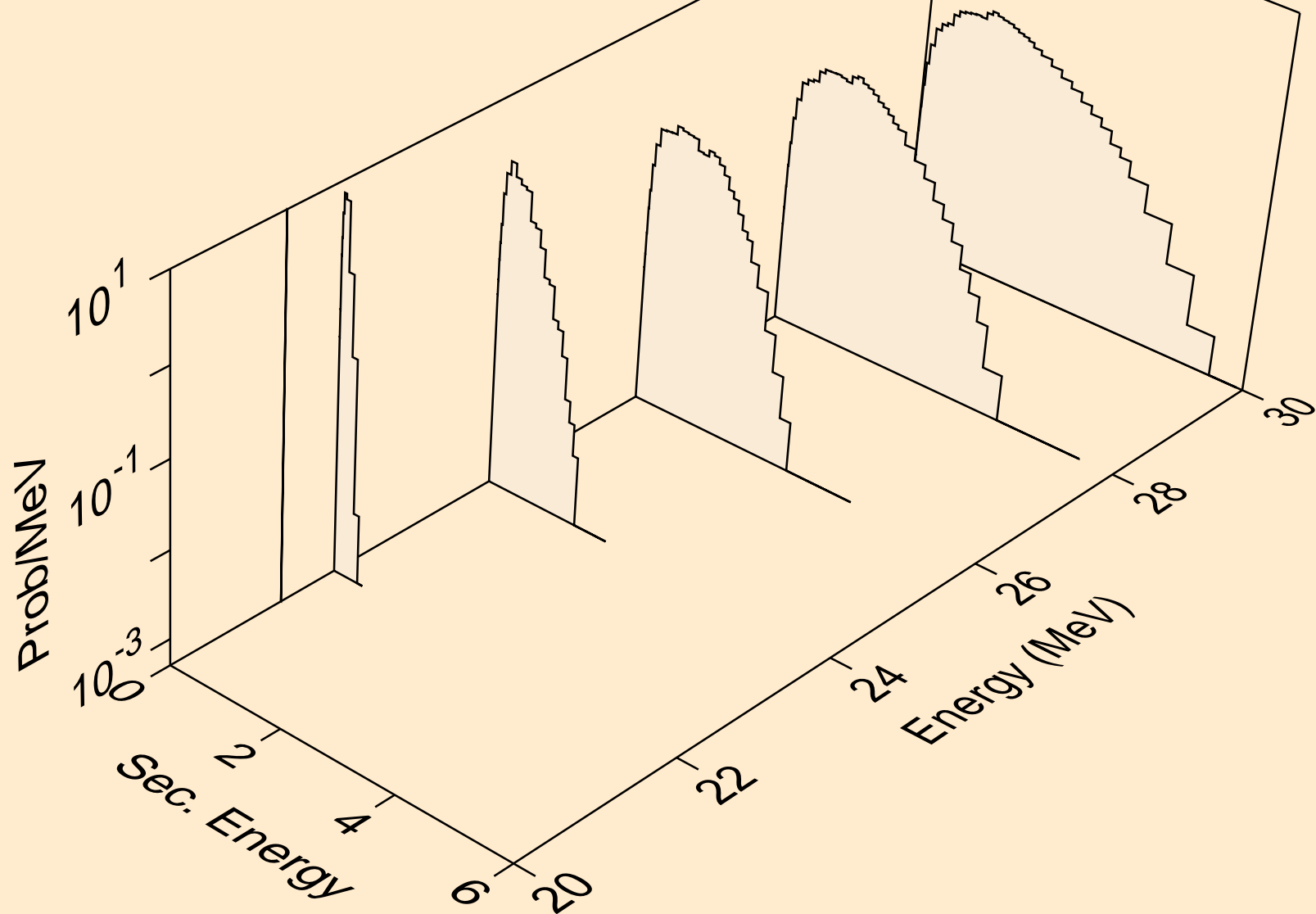


O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3np)

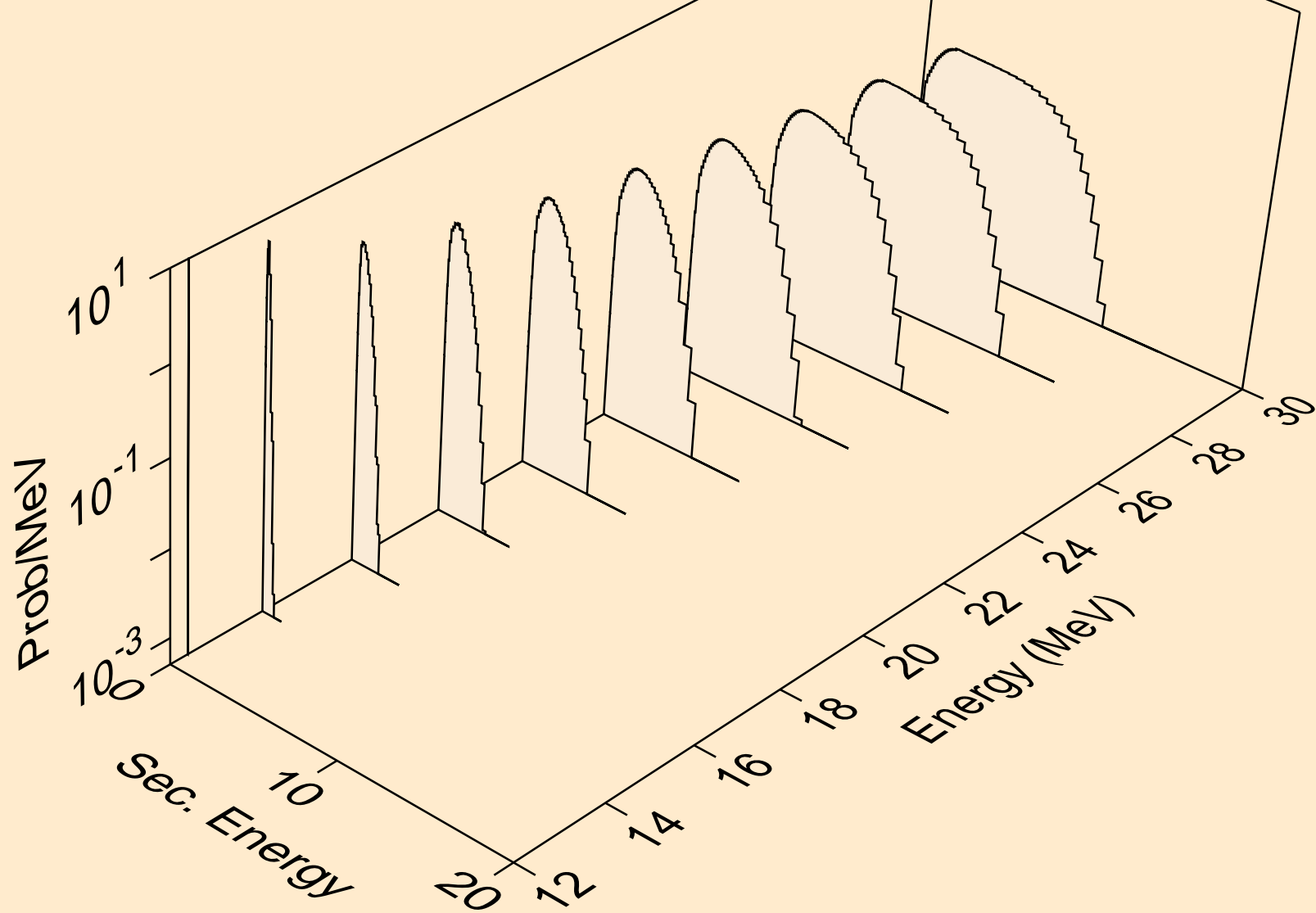




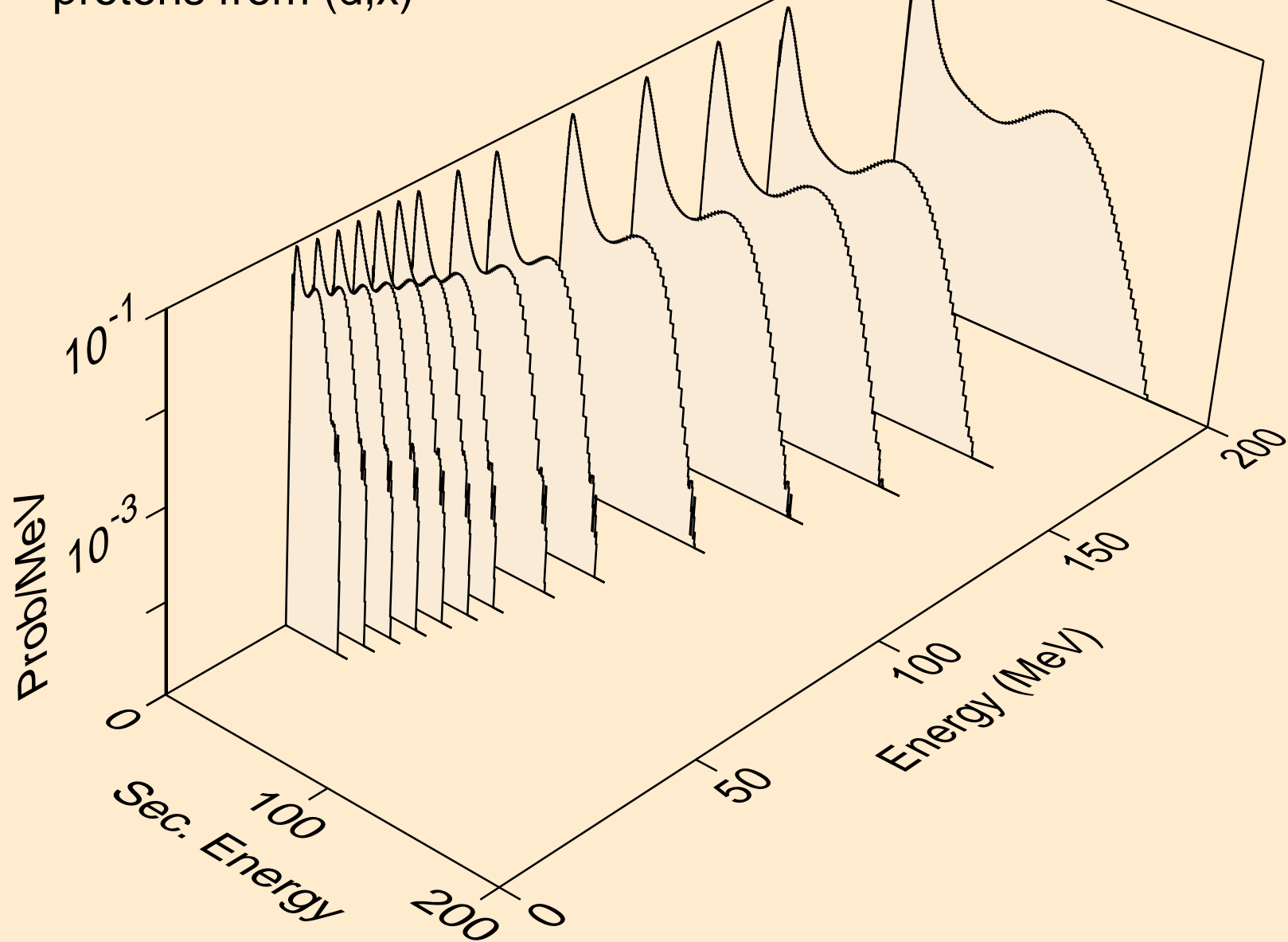
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neutrons from (d,n2p)



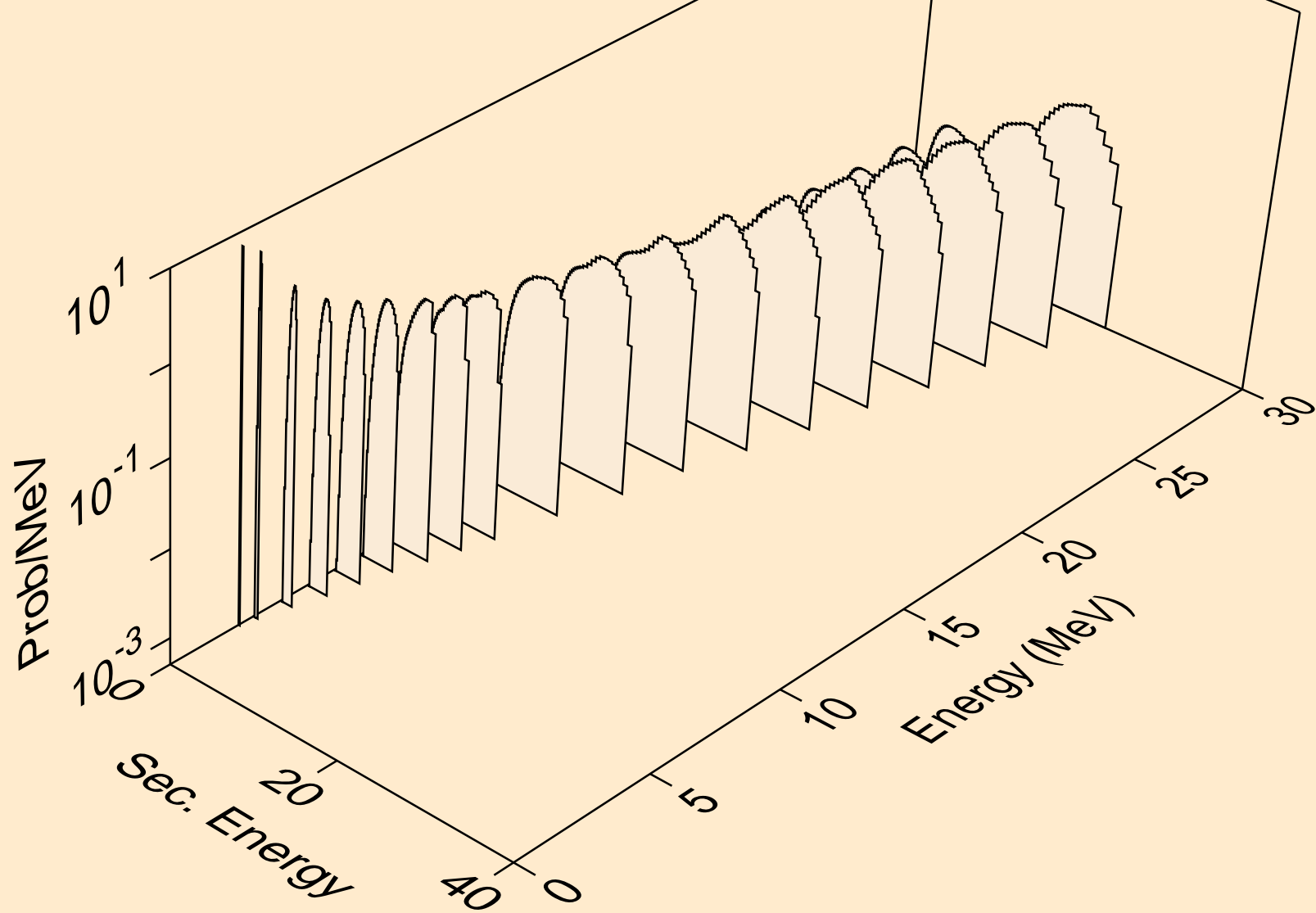
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neutrons from (d,npa)



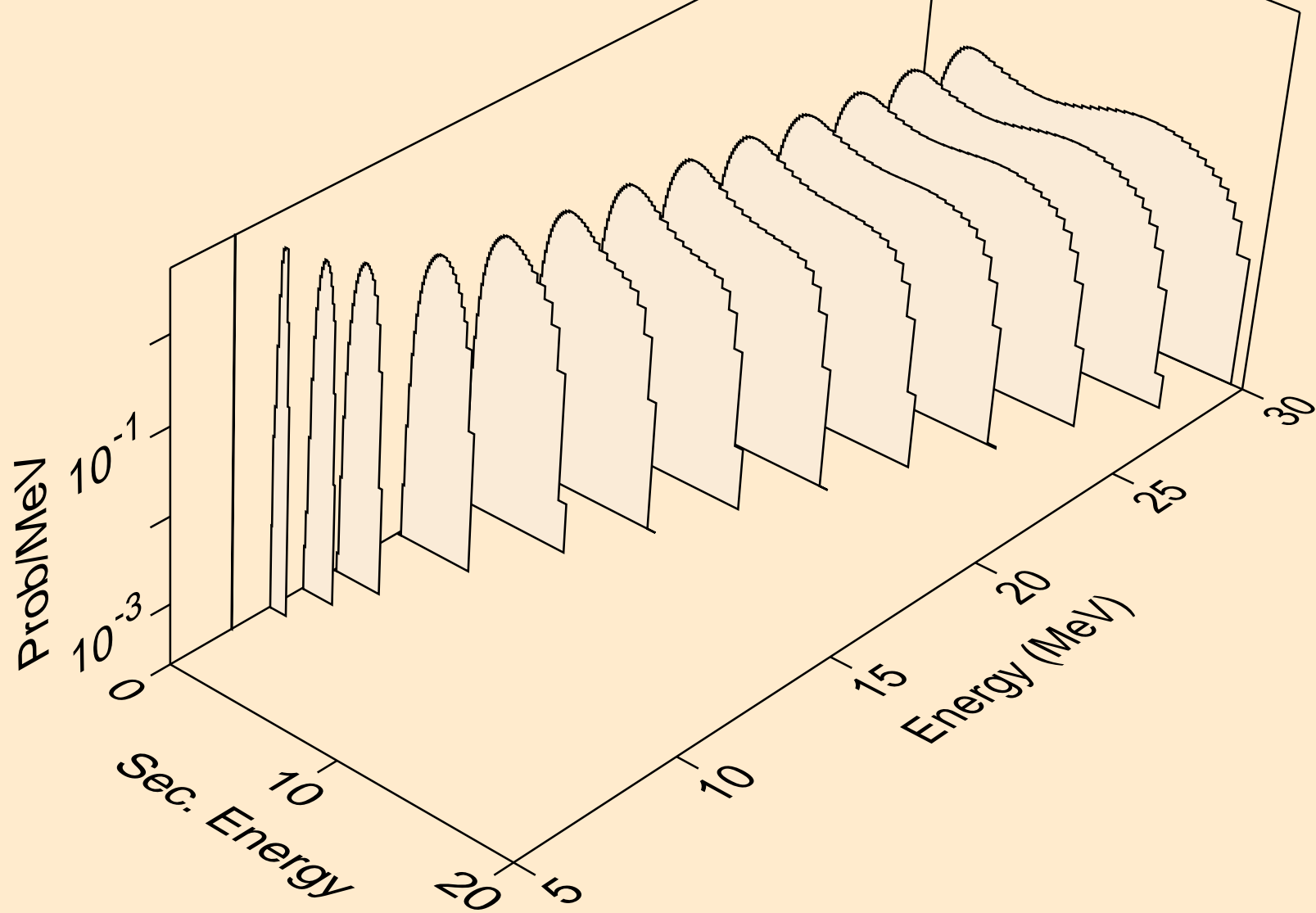
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protons from (d,x)



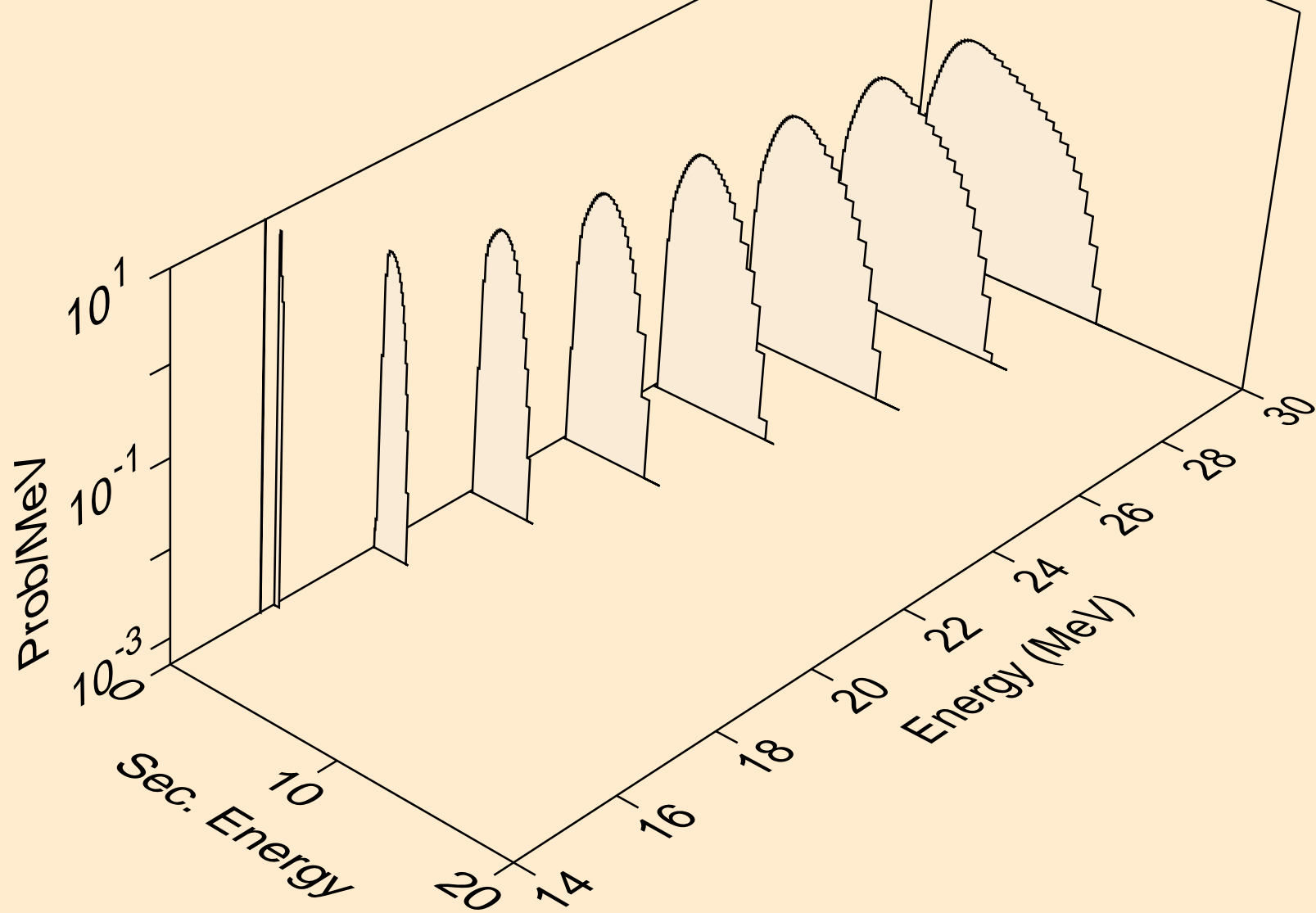
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protons from (d,n\*)p



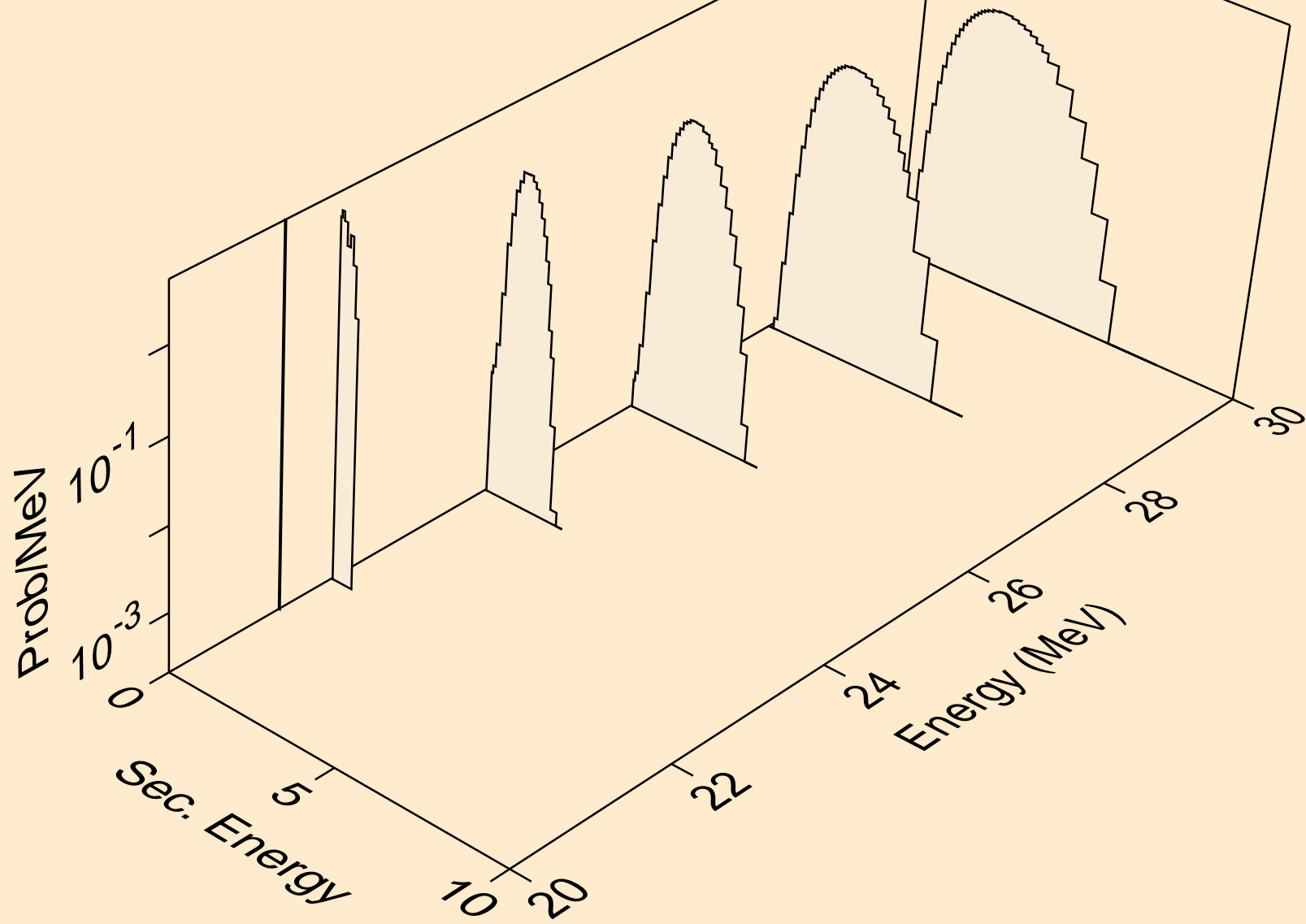
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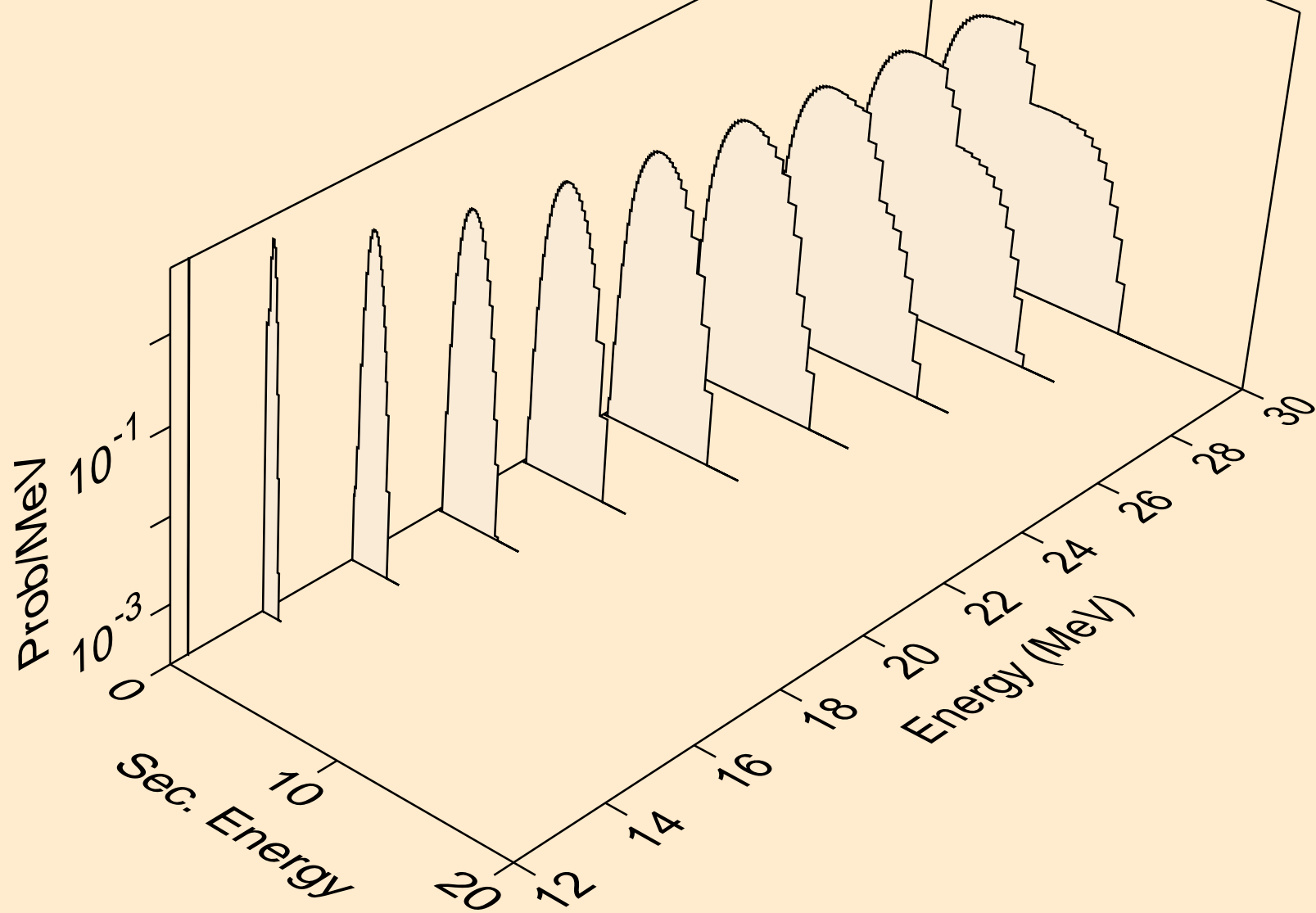
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protons from (d,3np)



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n2p)

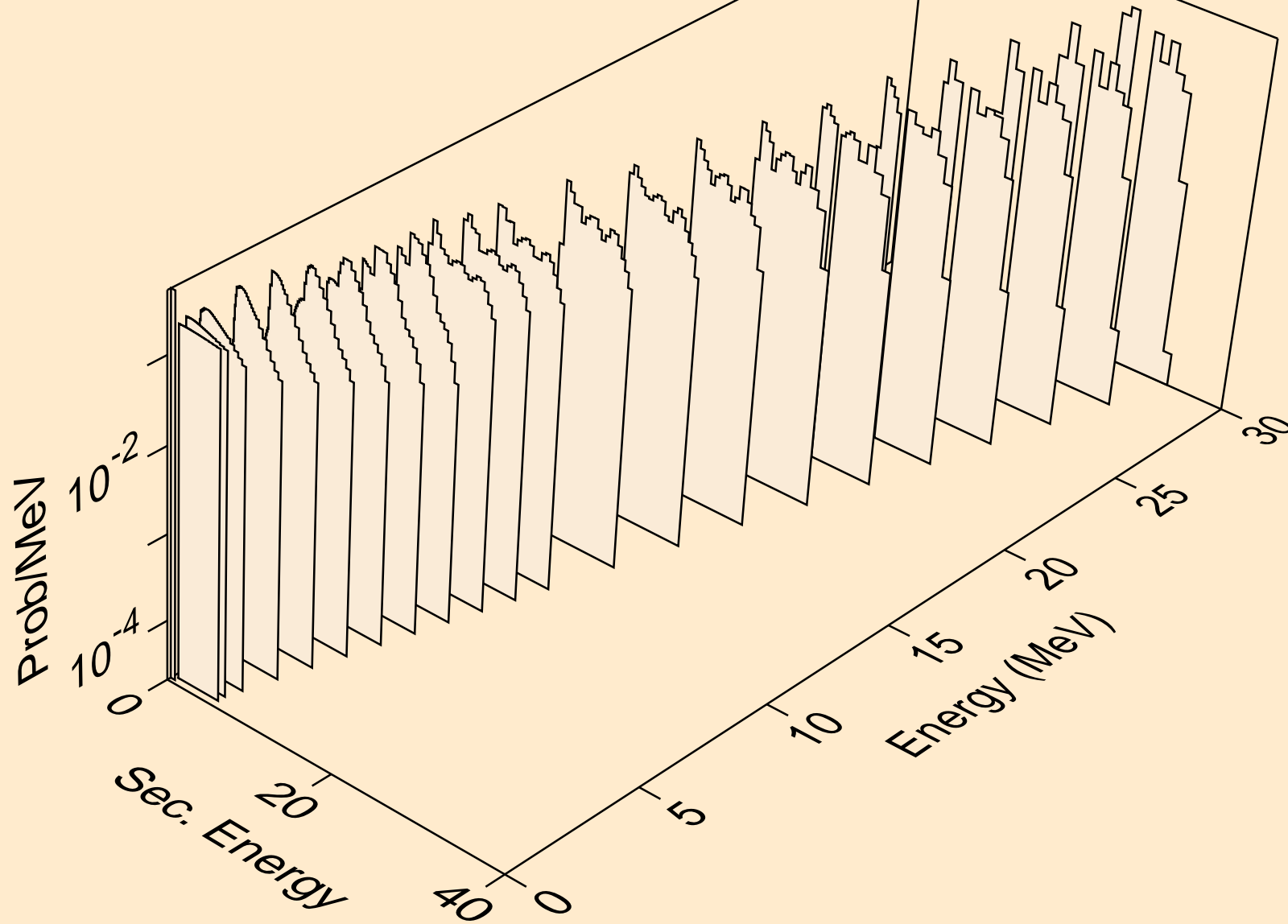


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protons from (d,npa)

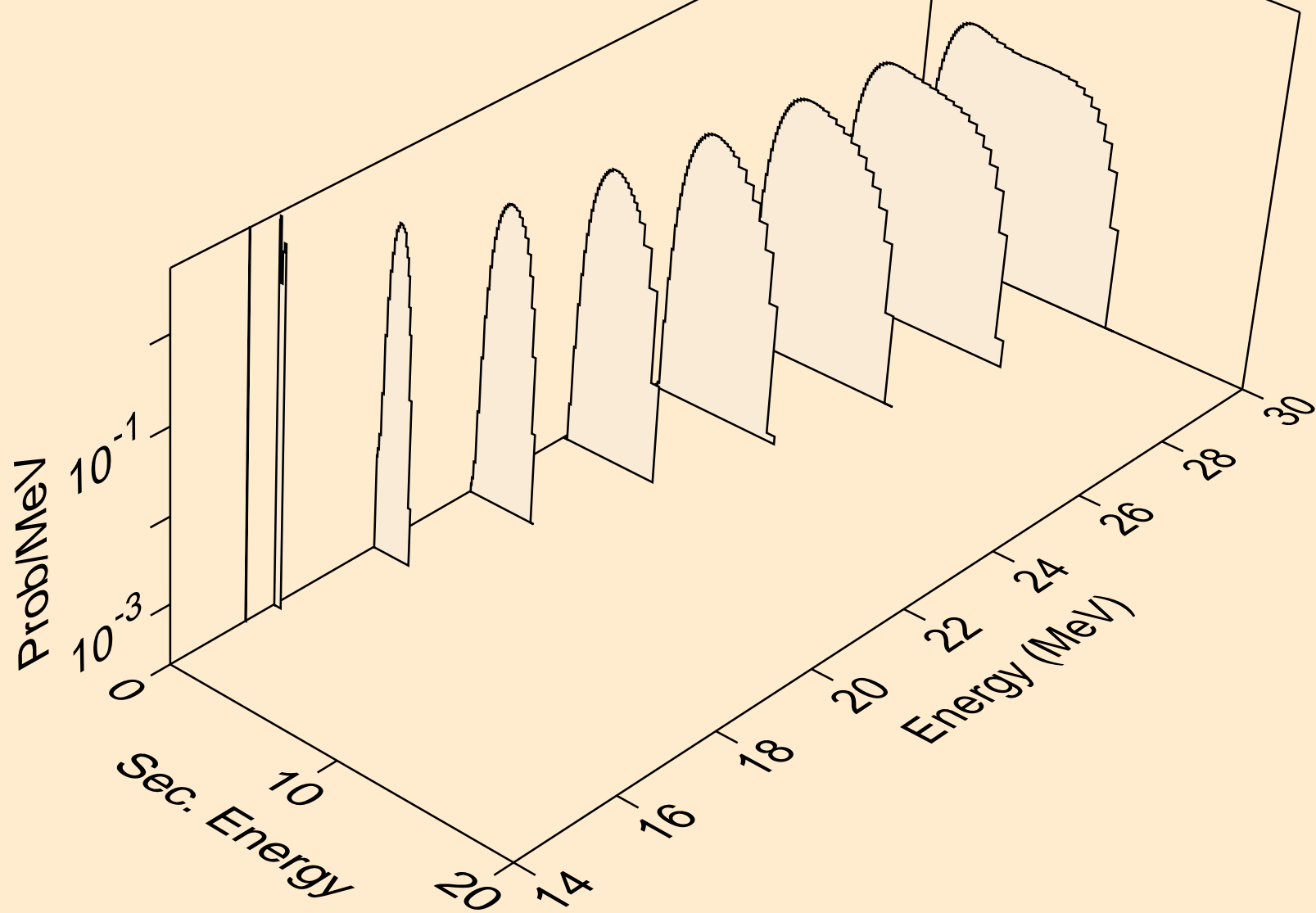




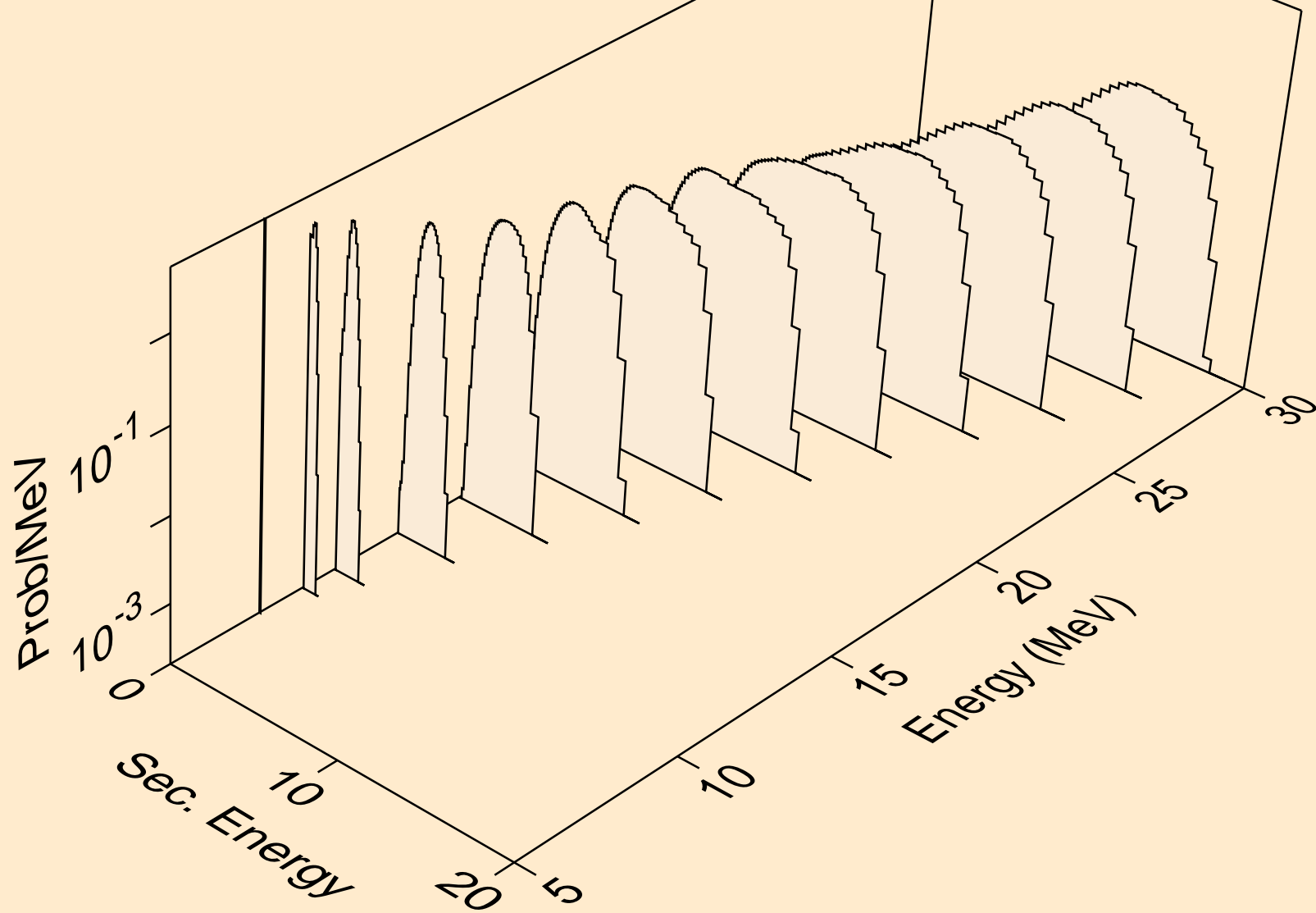
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protons from (d,p)



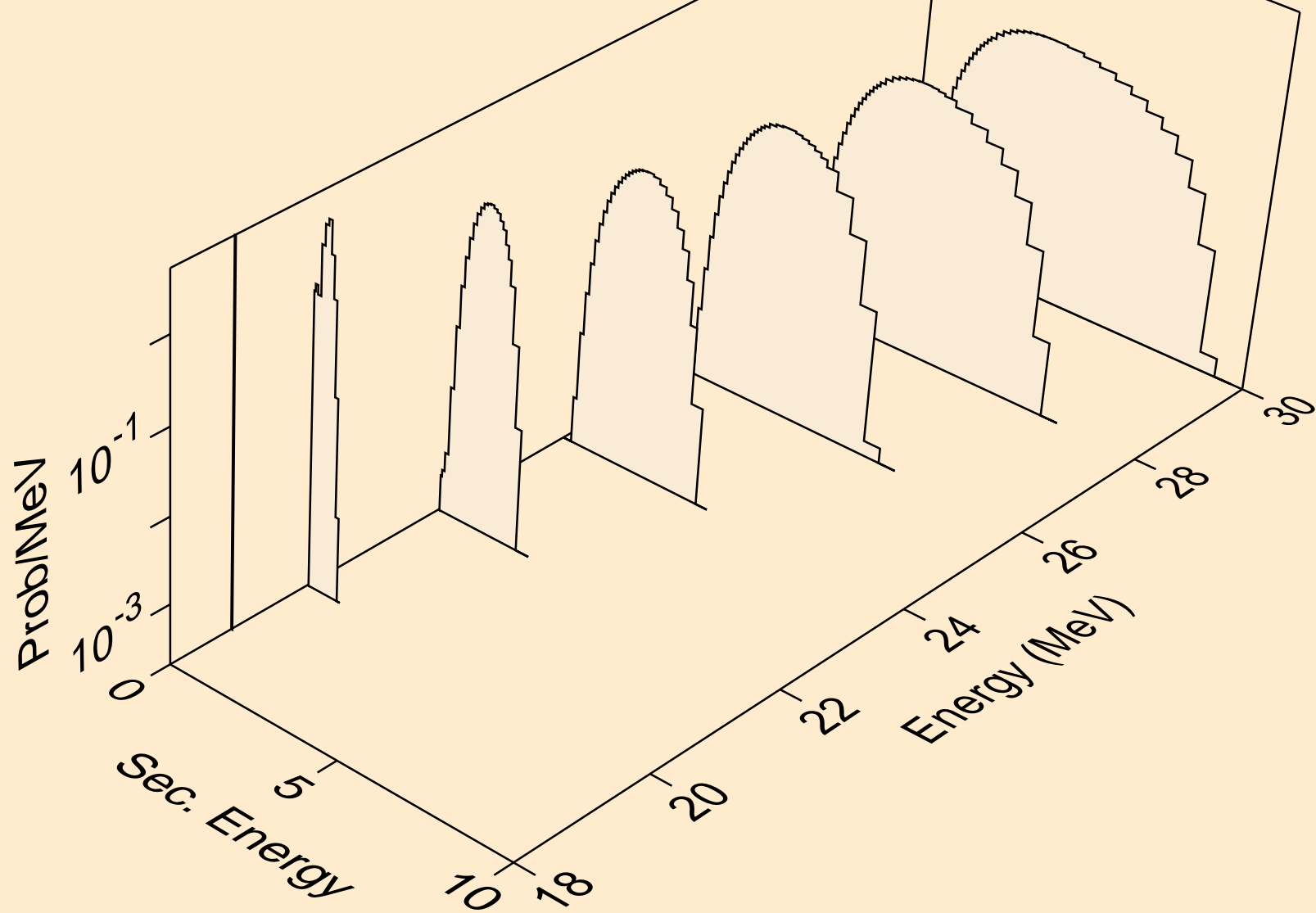
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protons from (d,2p)



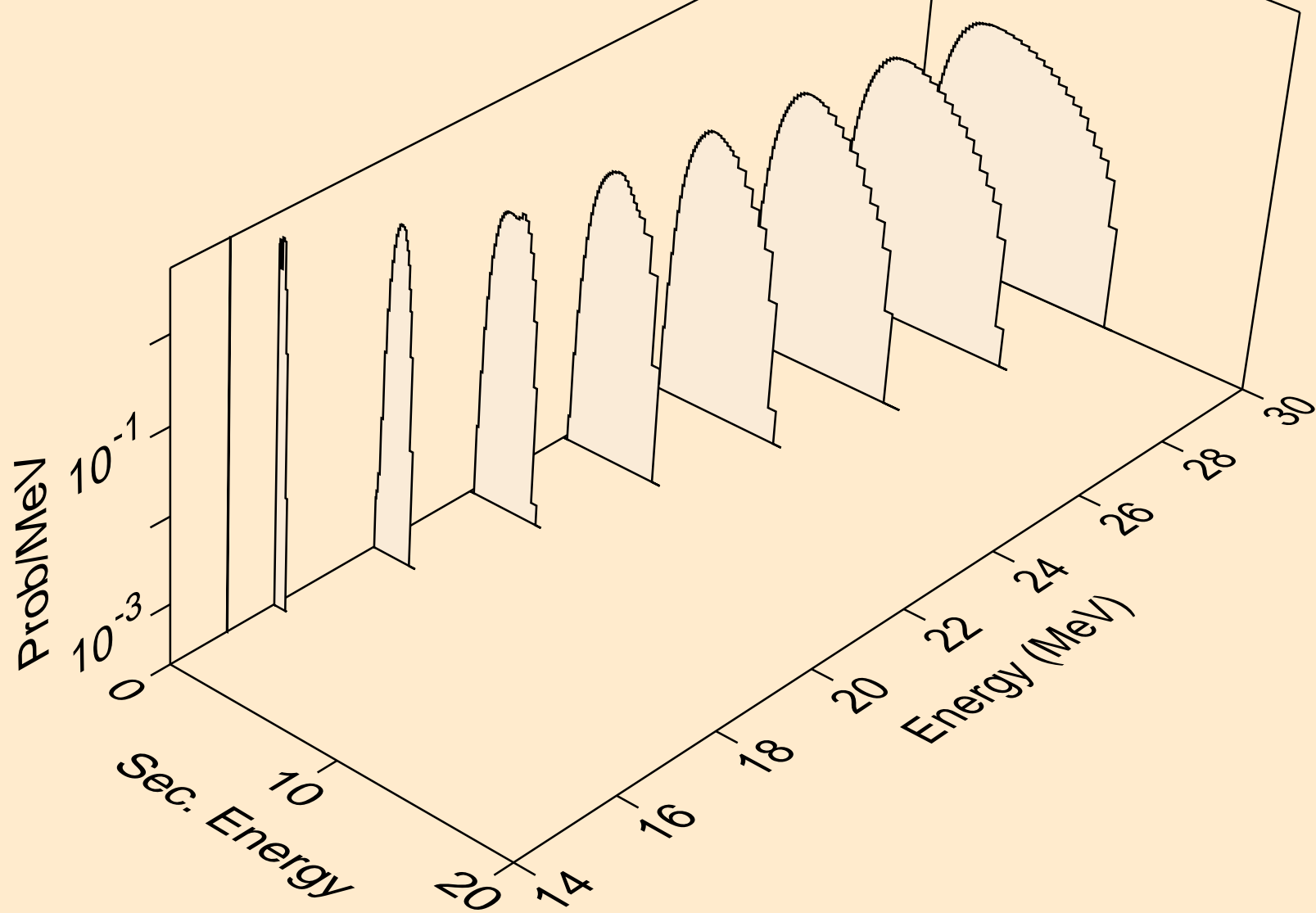
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protons from (d,pa)



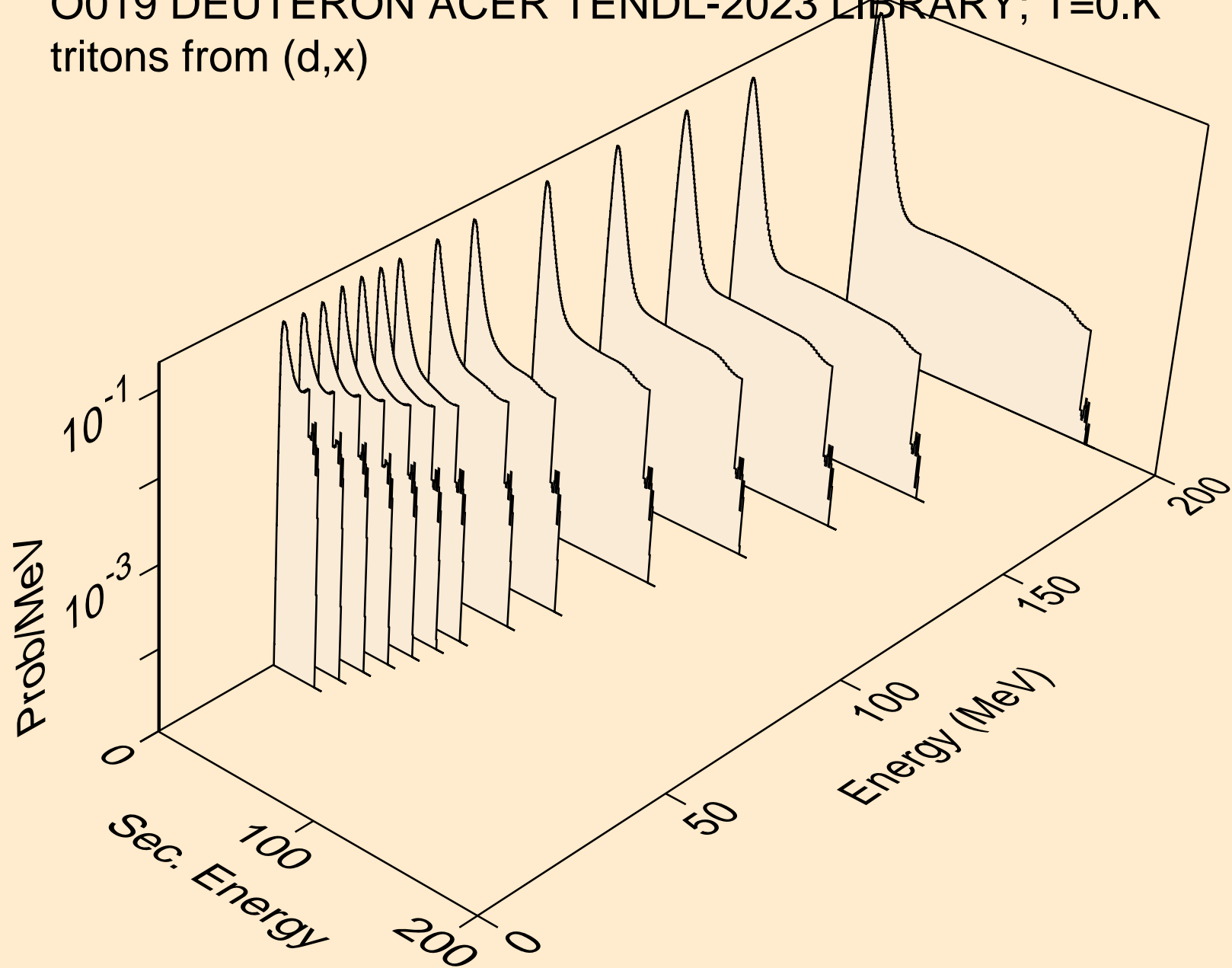
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protons from (d,pd)



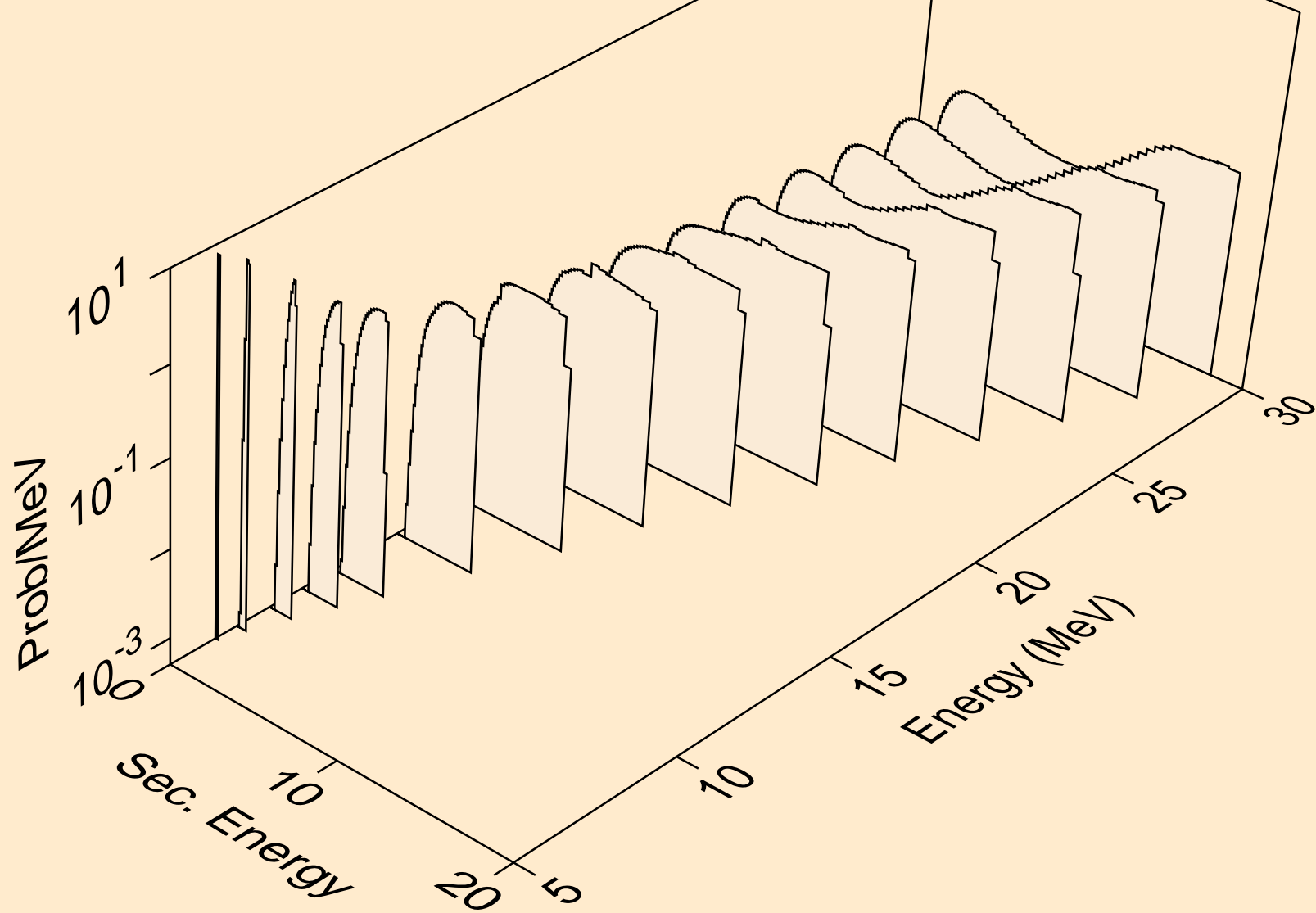
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protons from (d,pt)



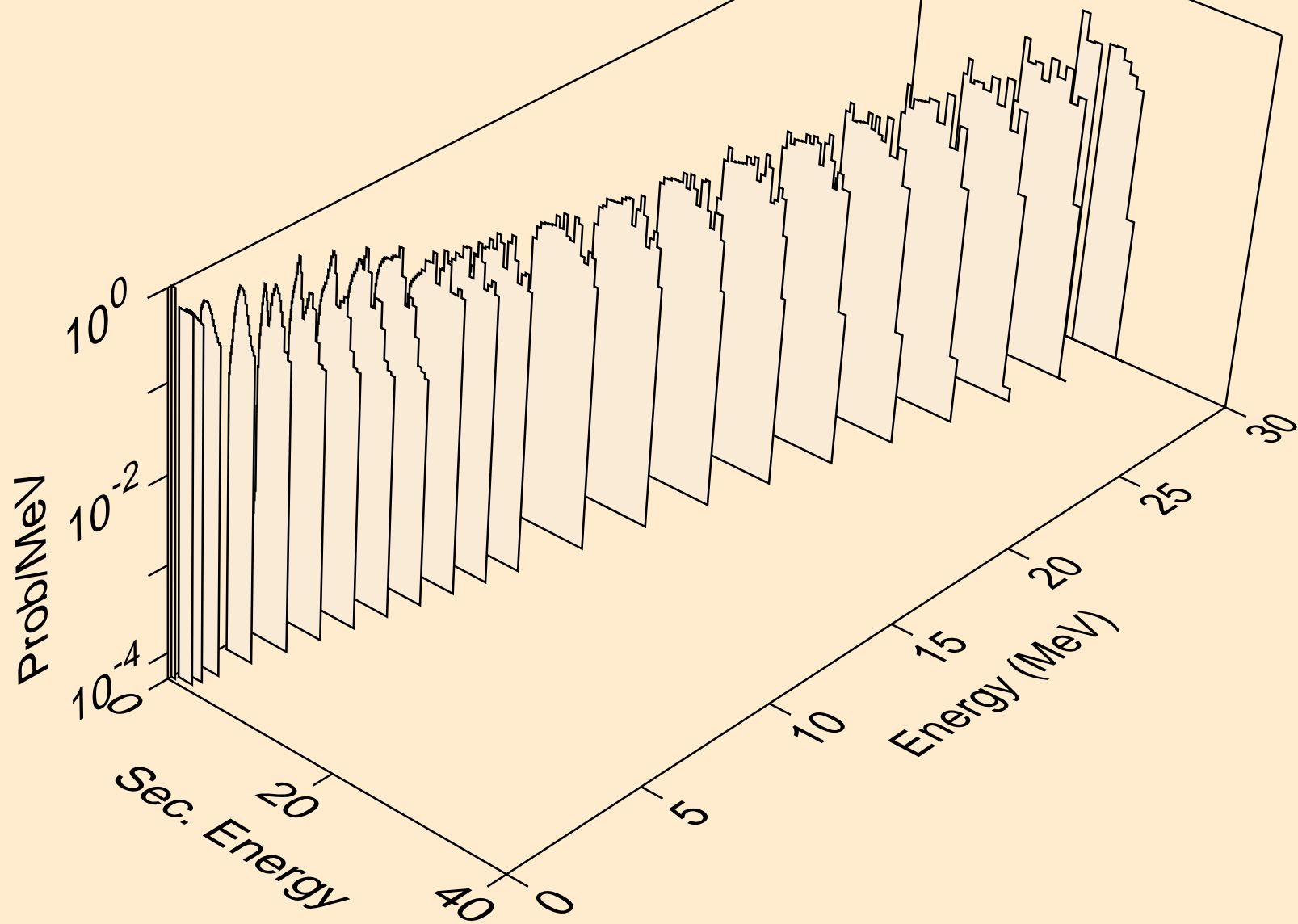
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,x)



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,n\*)t

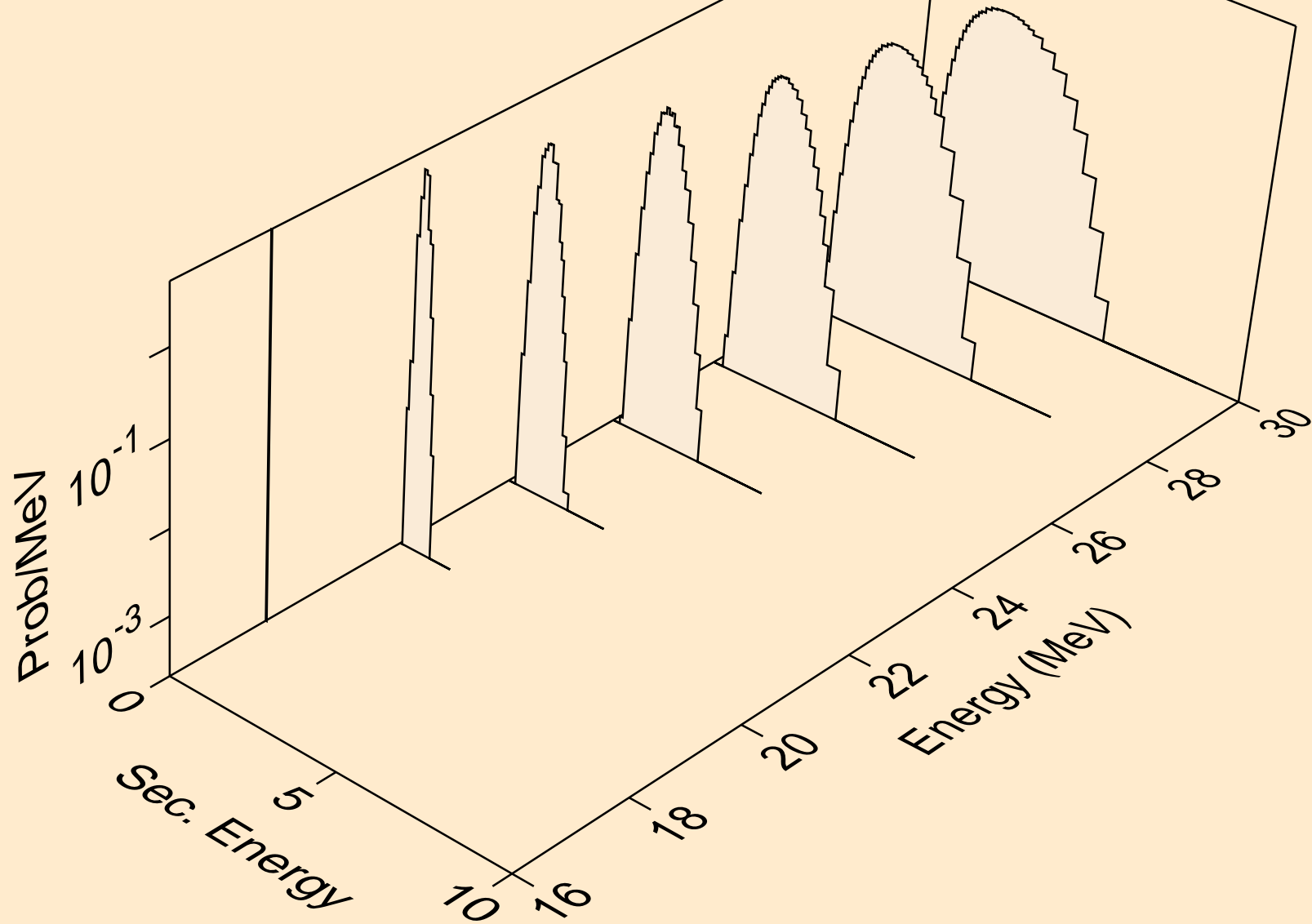


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tritons from (d,t)

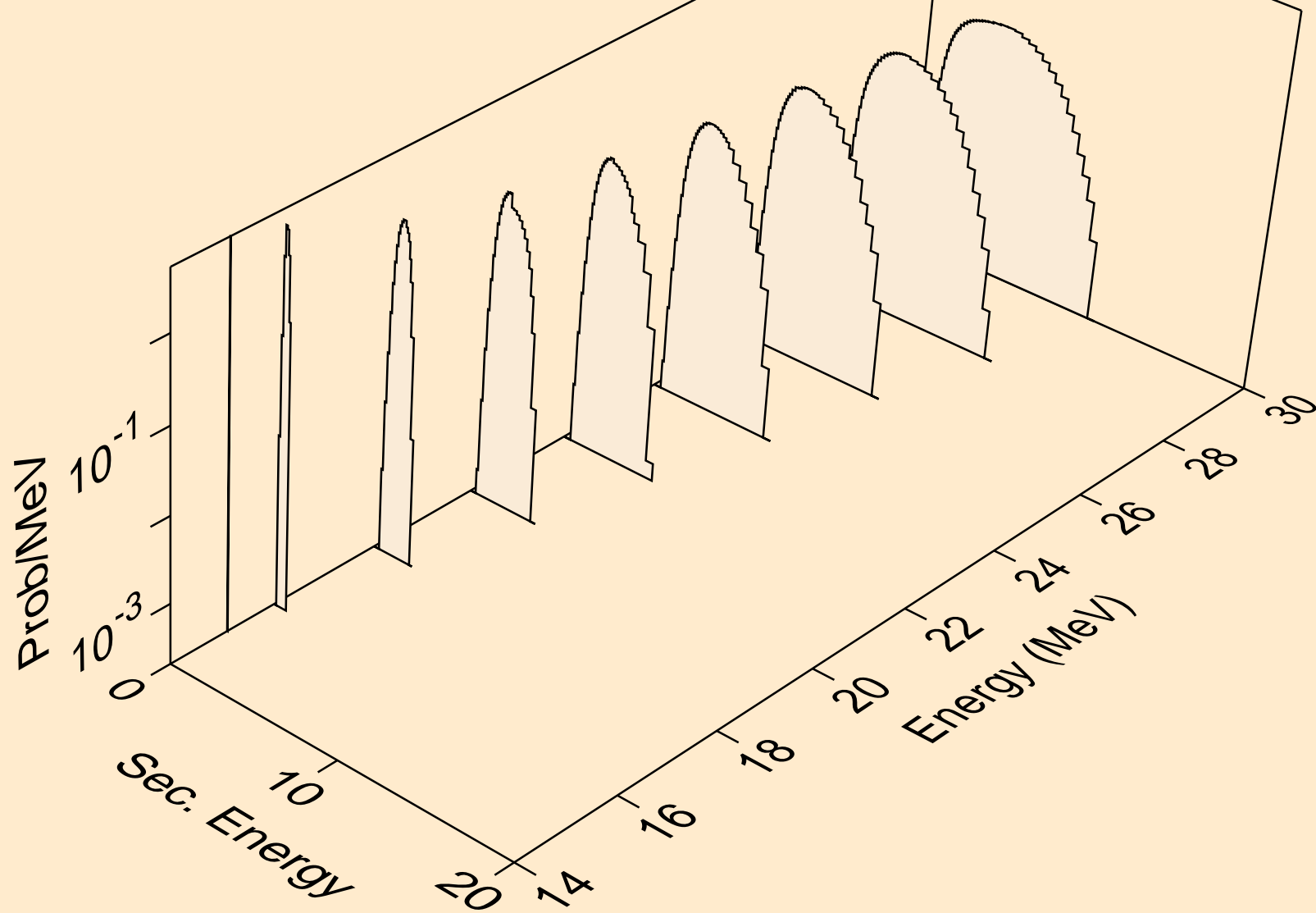




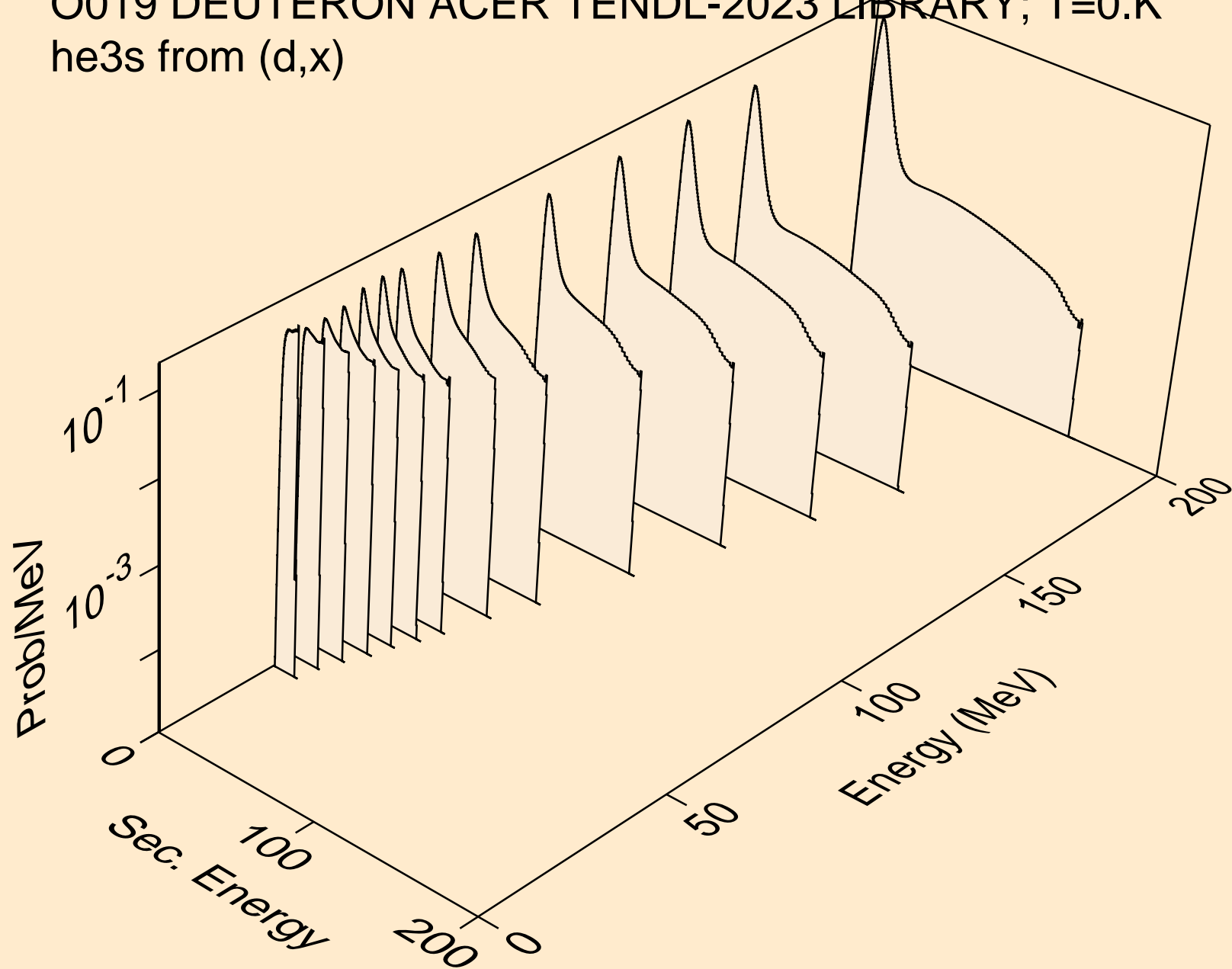
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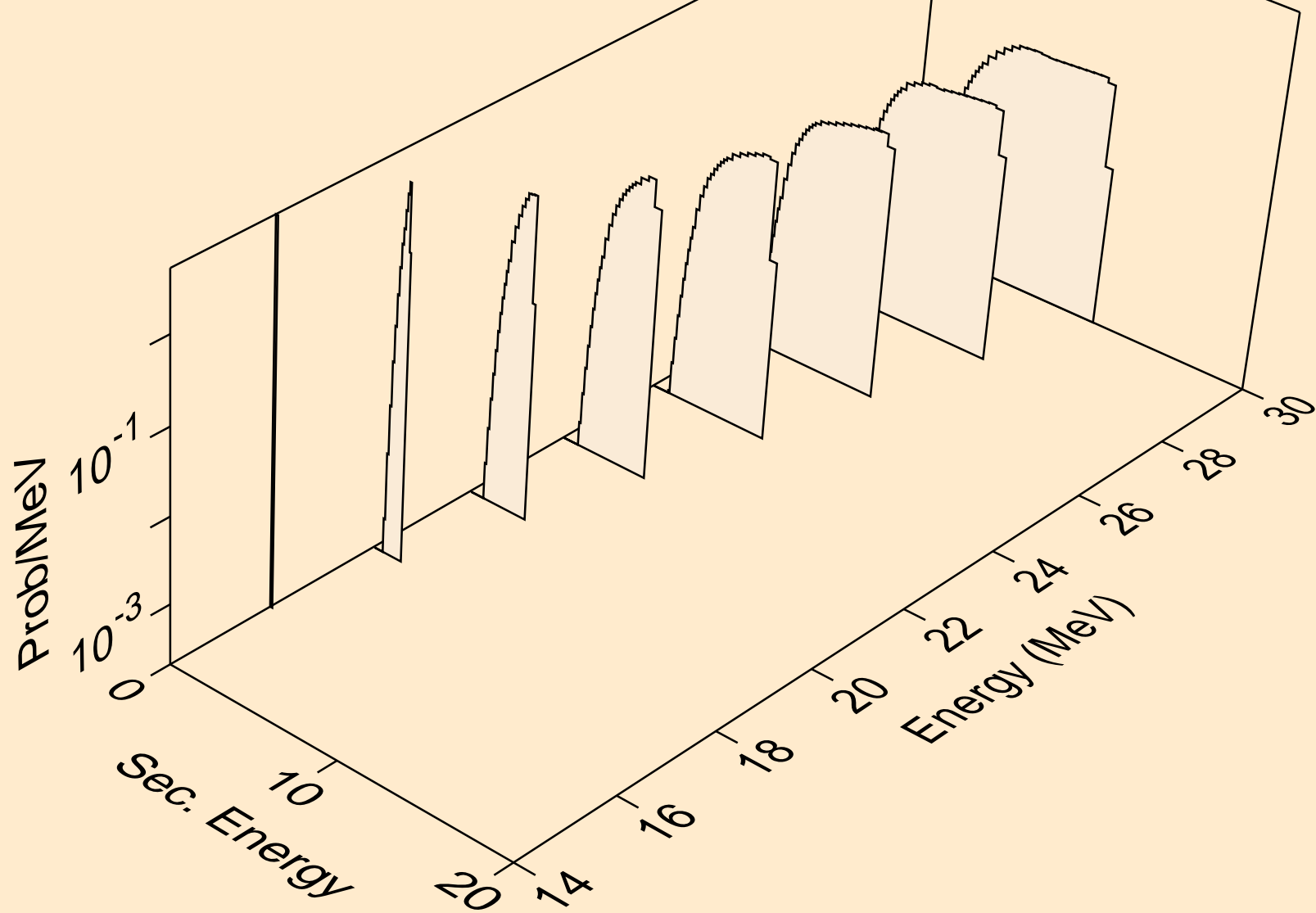
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tritons from (d,pt)



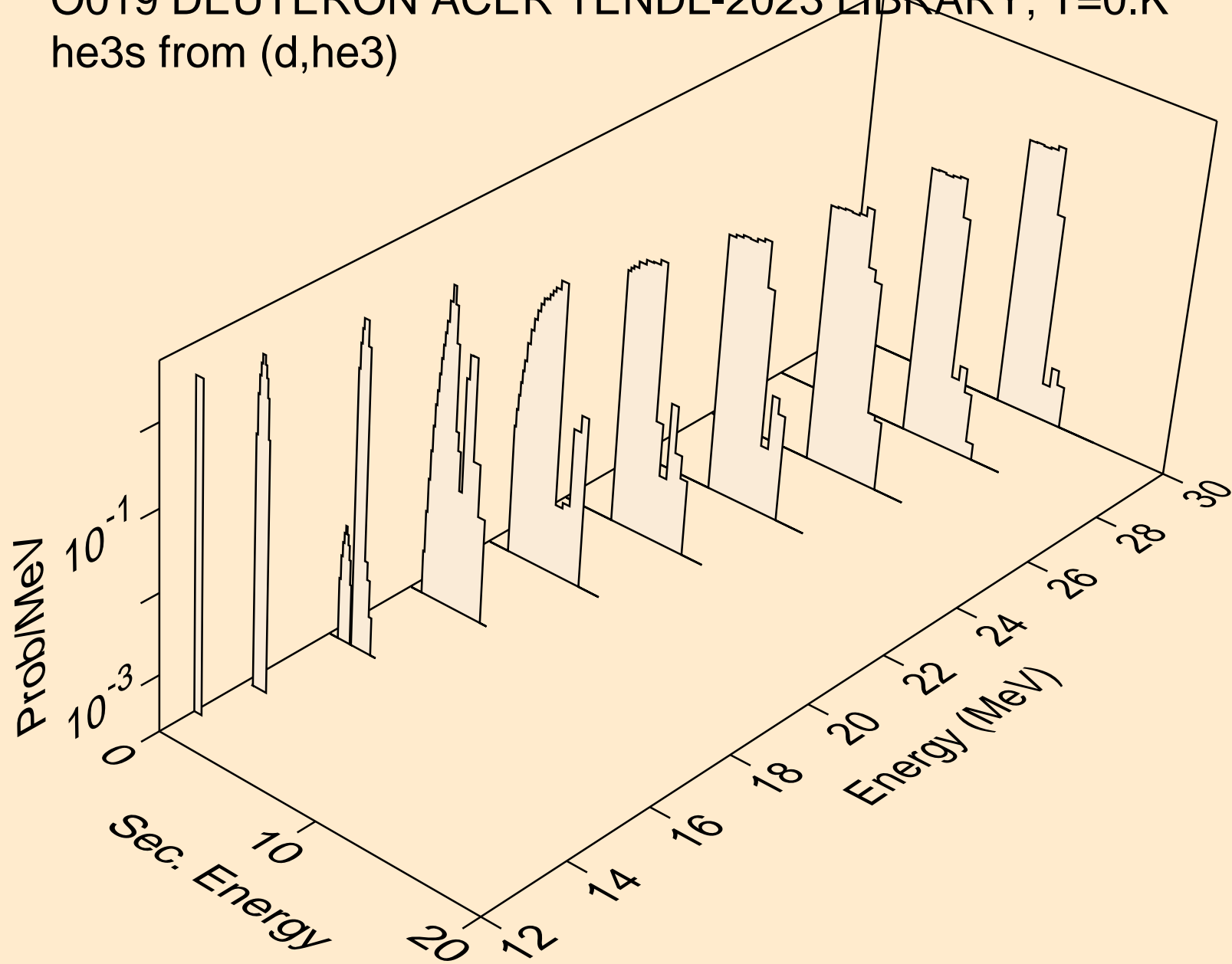
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he3s from (d,x)



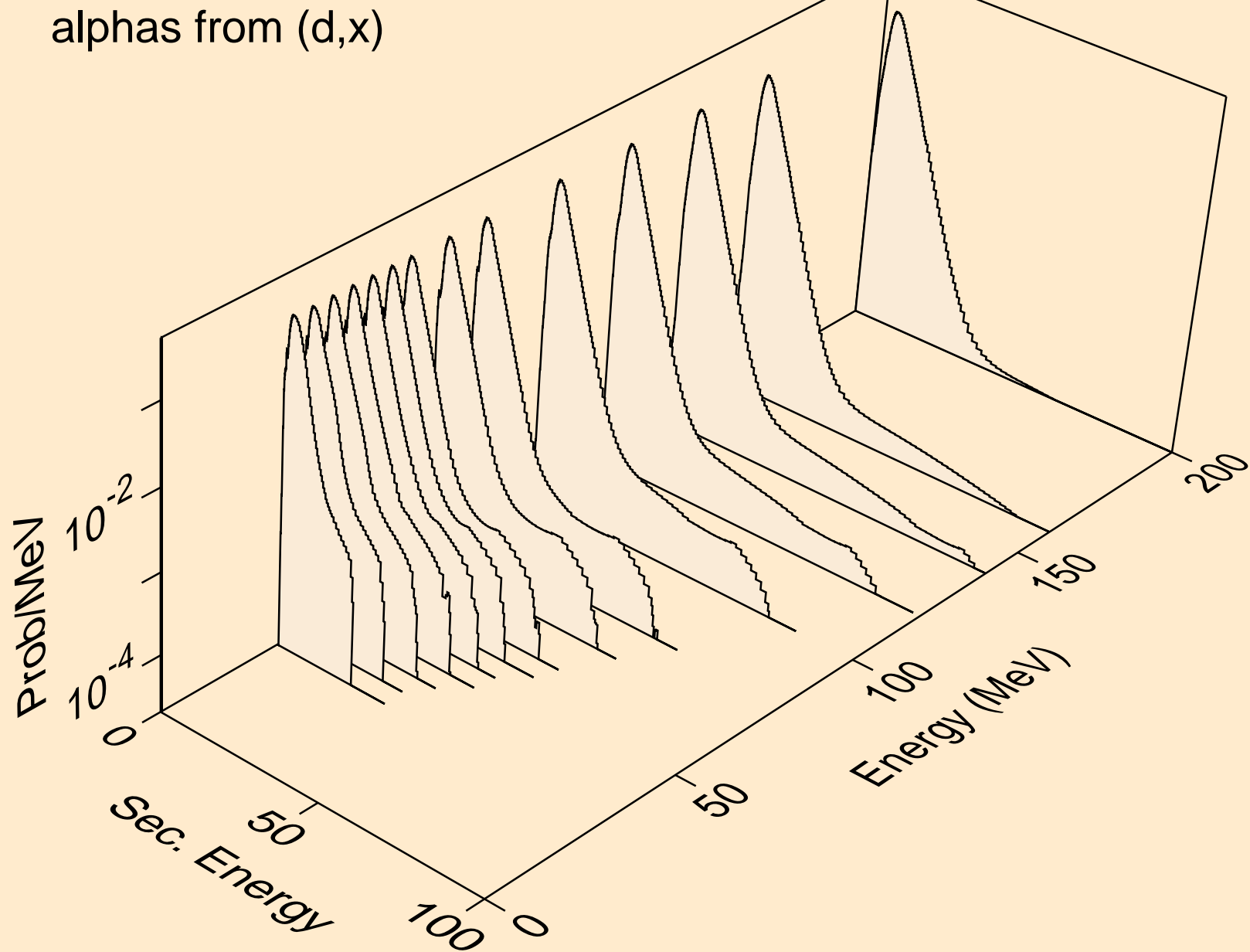
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,n\*)he3



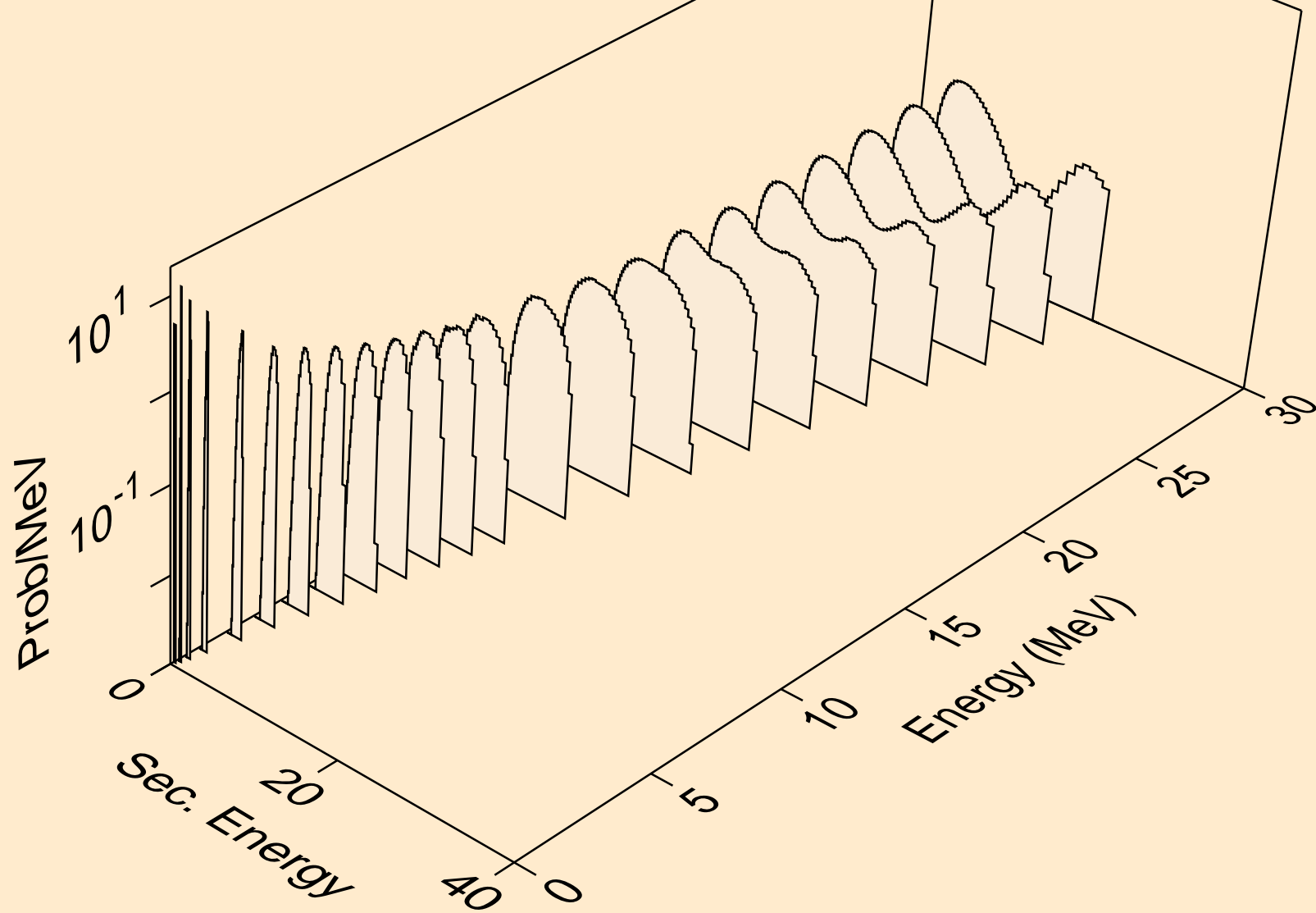
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he3s from (d,he3)



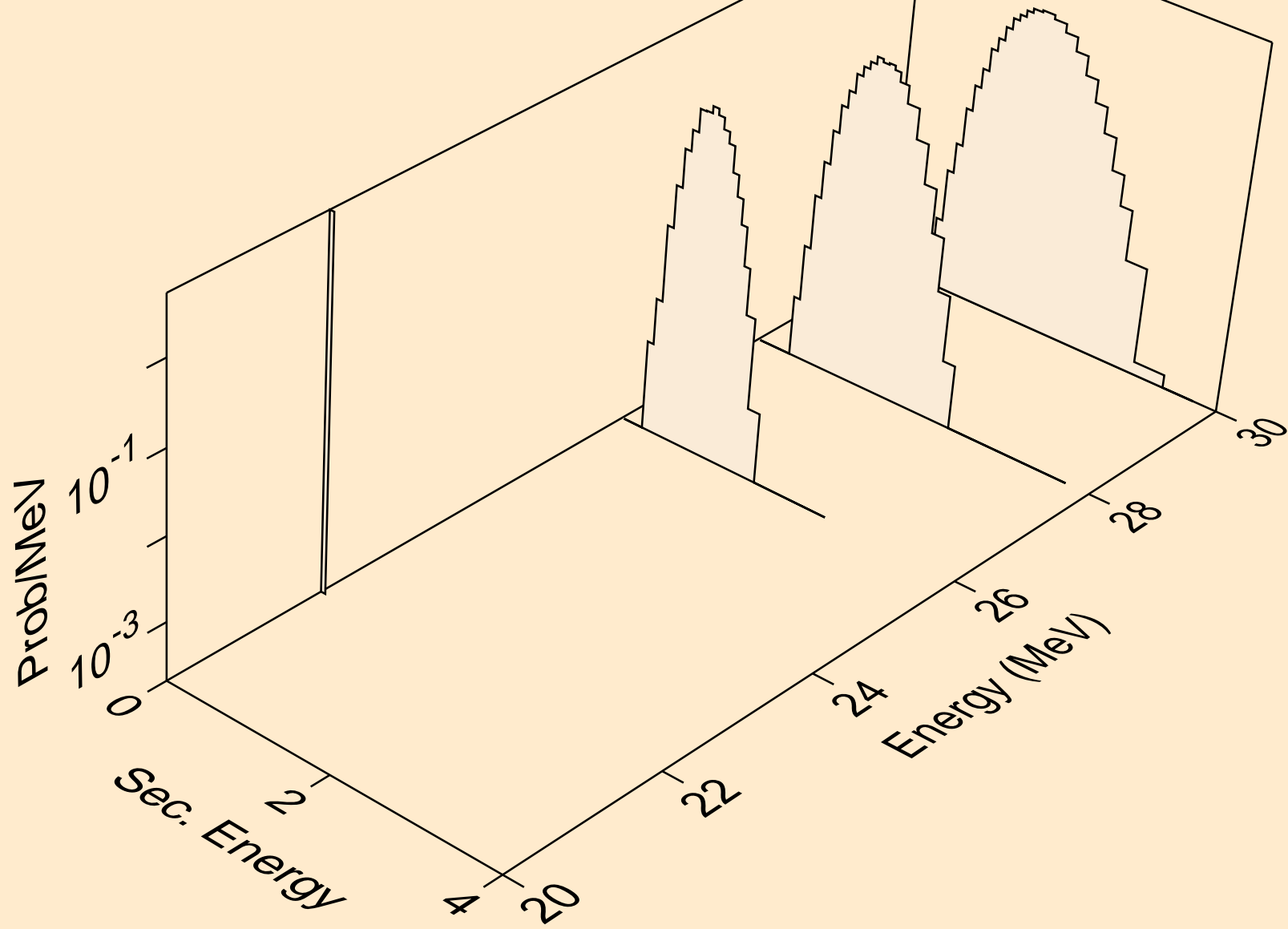
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,x)



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a

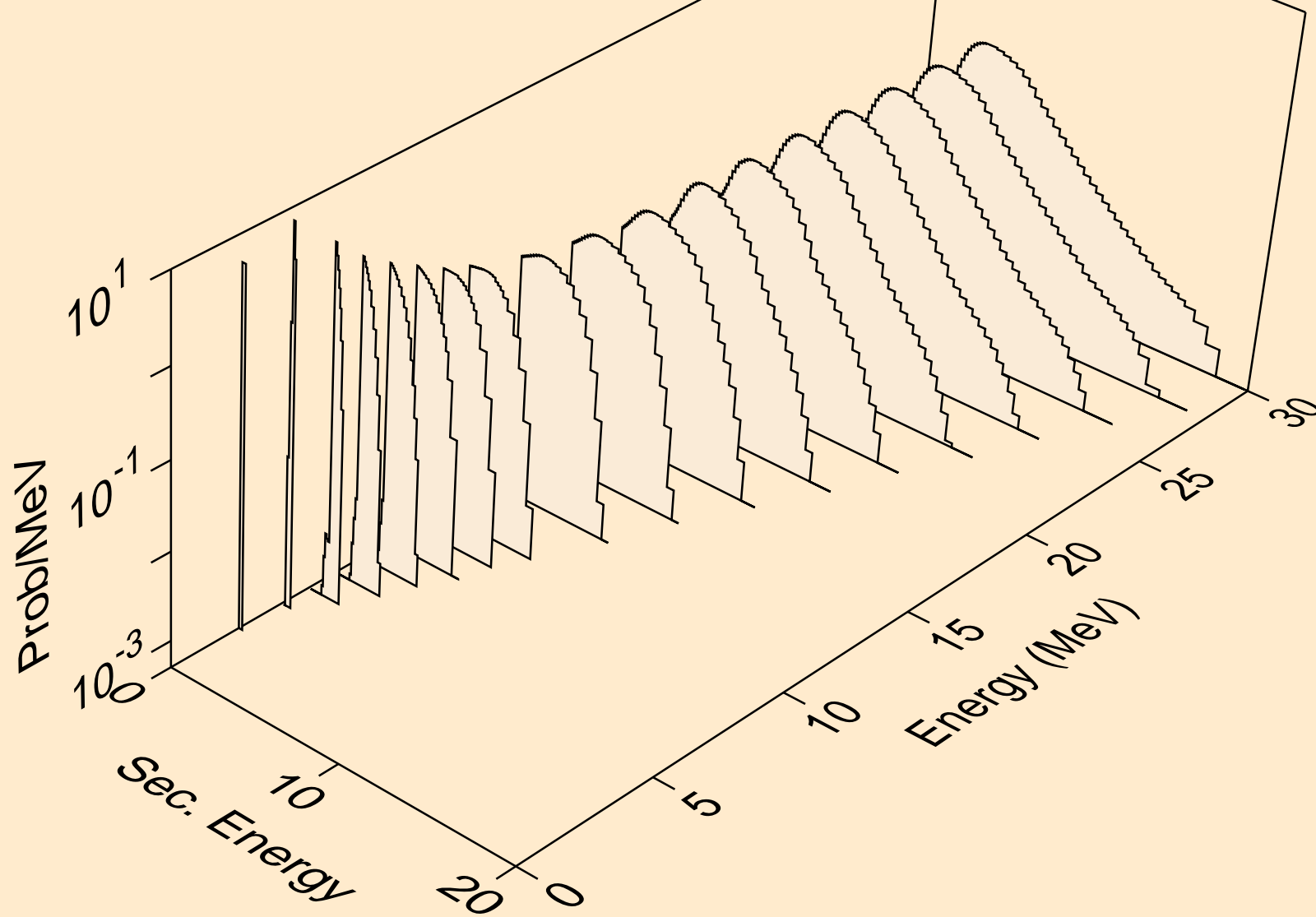


O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)3a

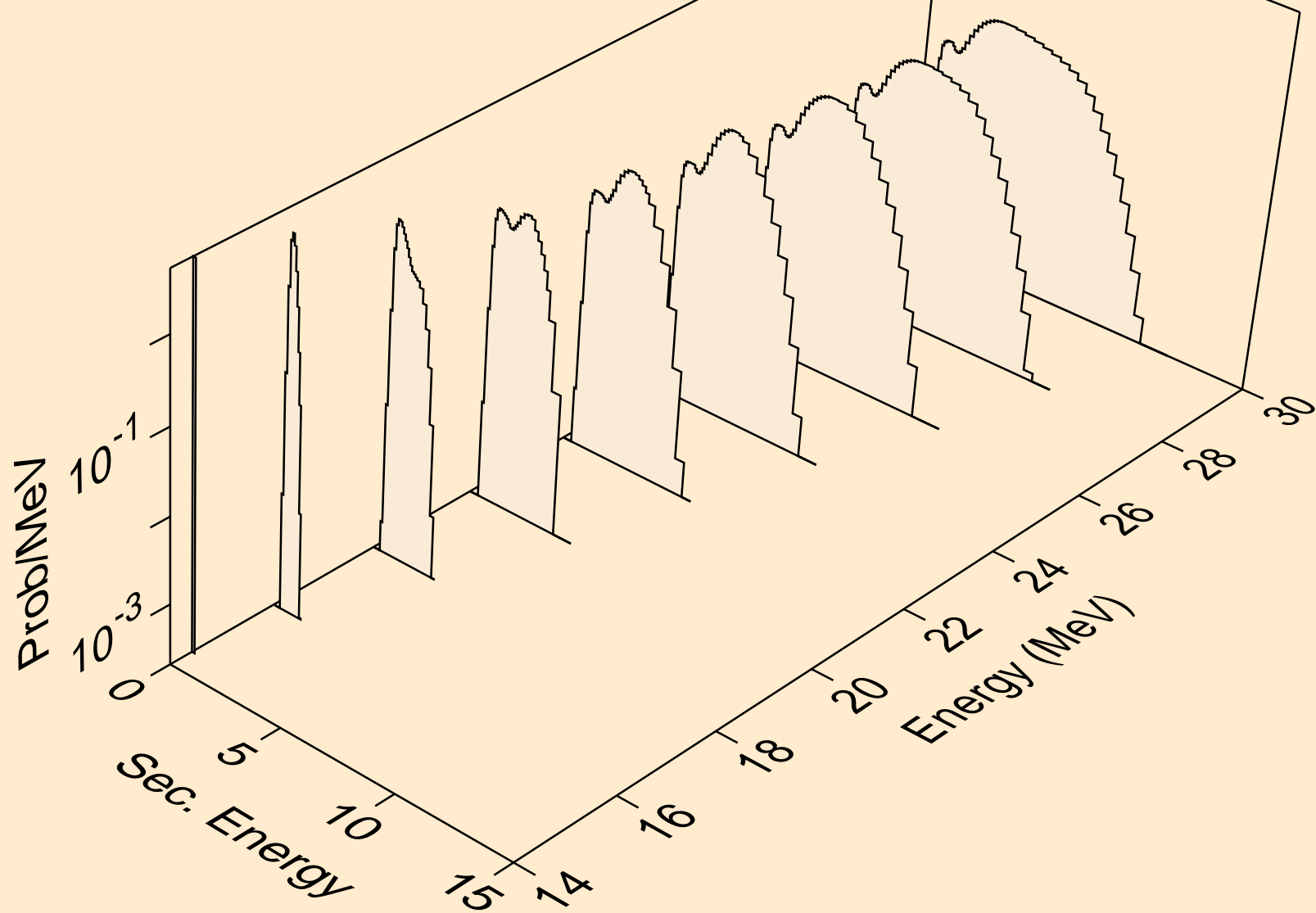




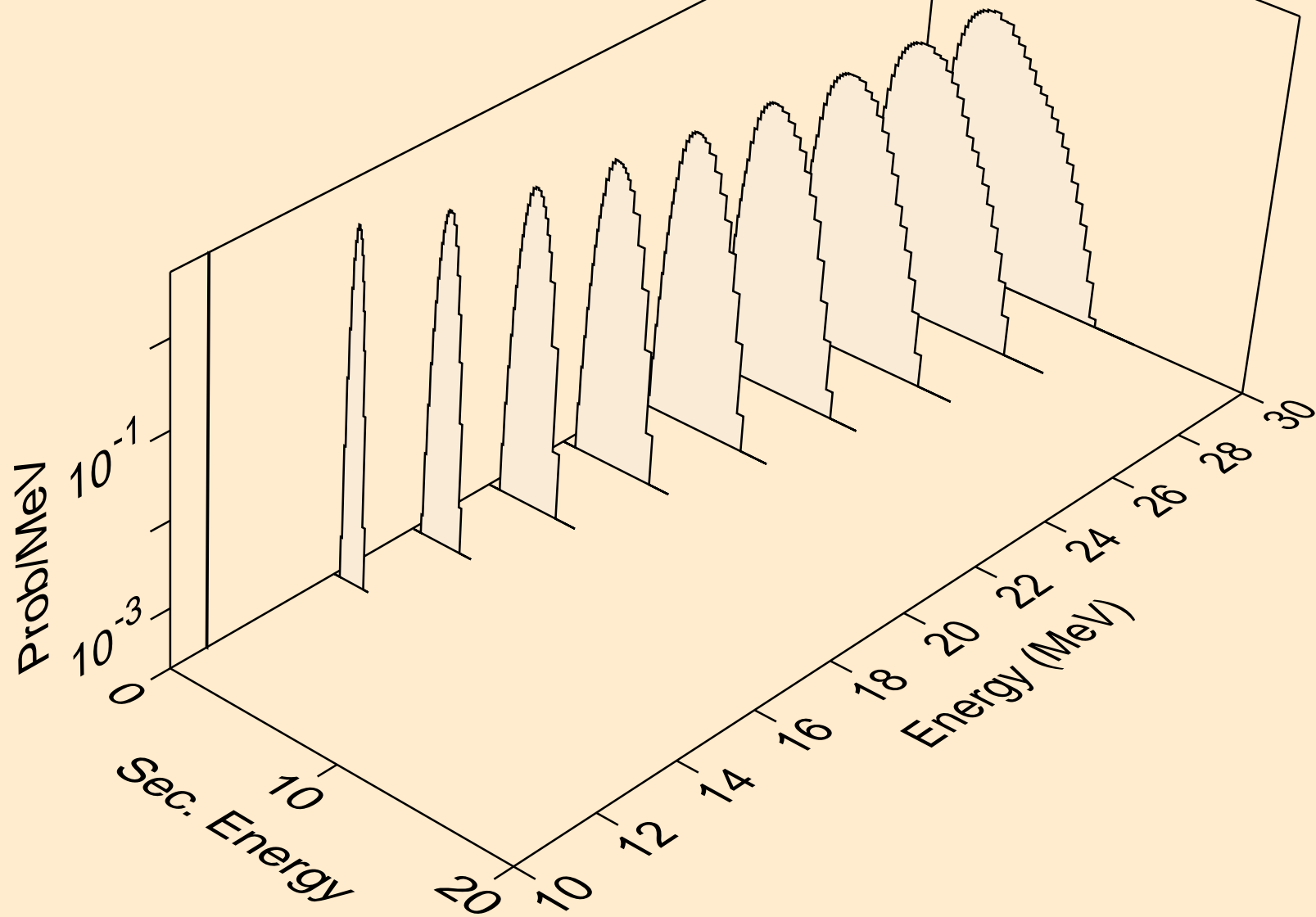
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alphas from (d,2n)a



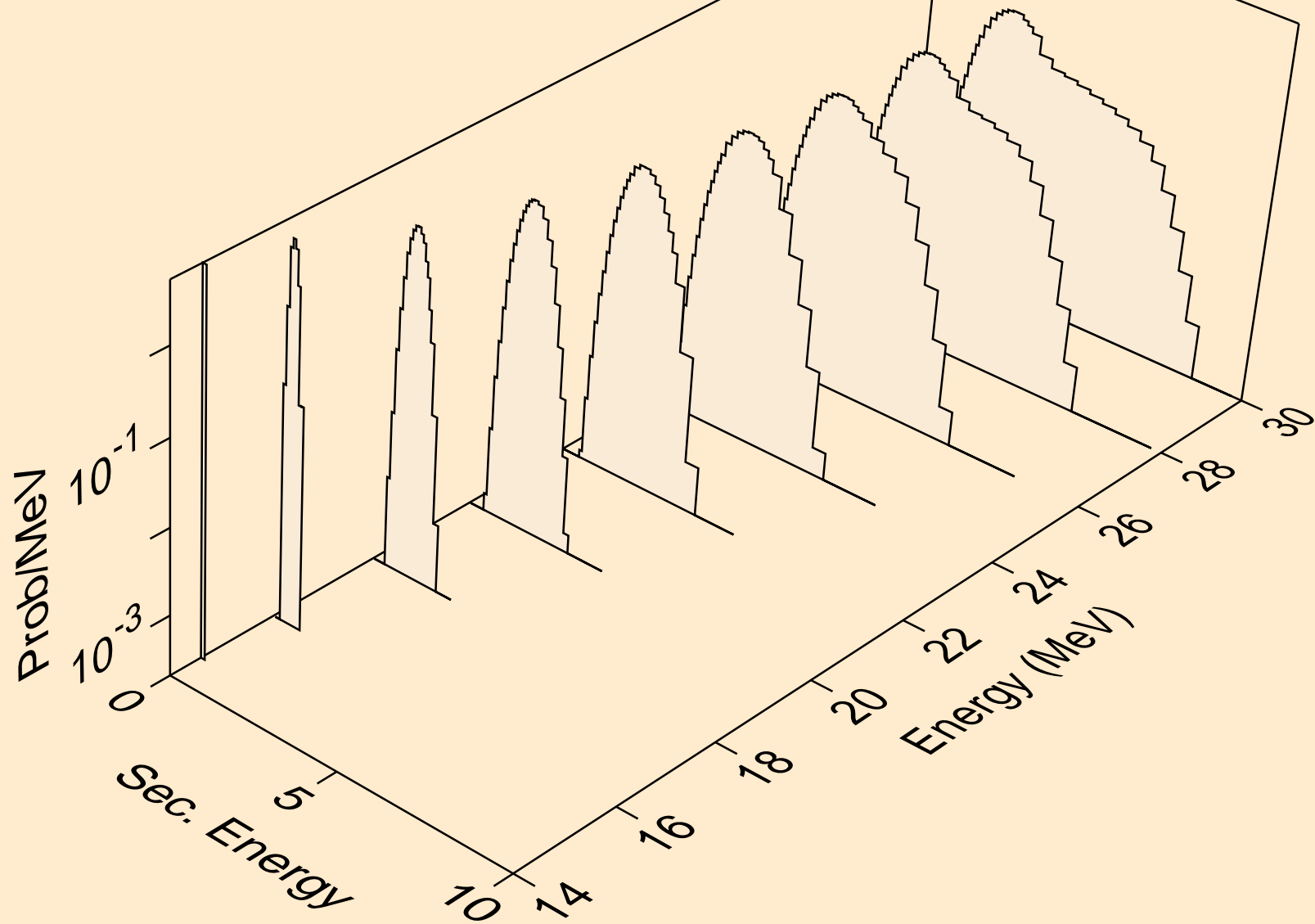
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alphas from (d,3n)a



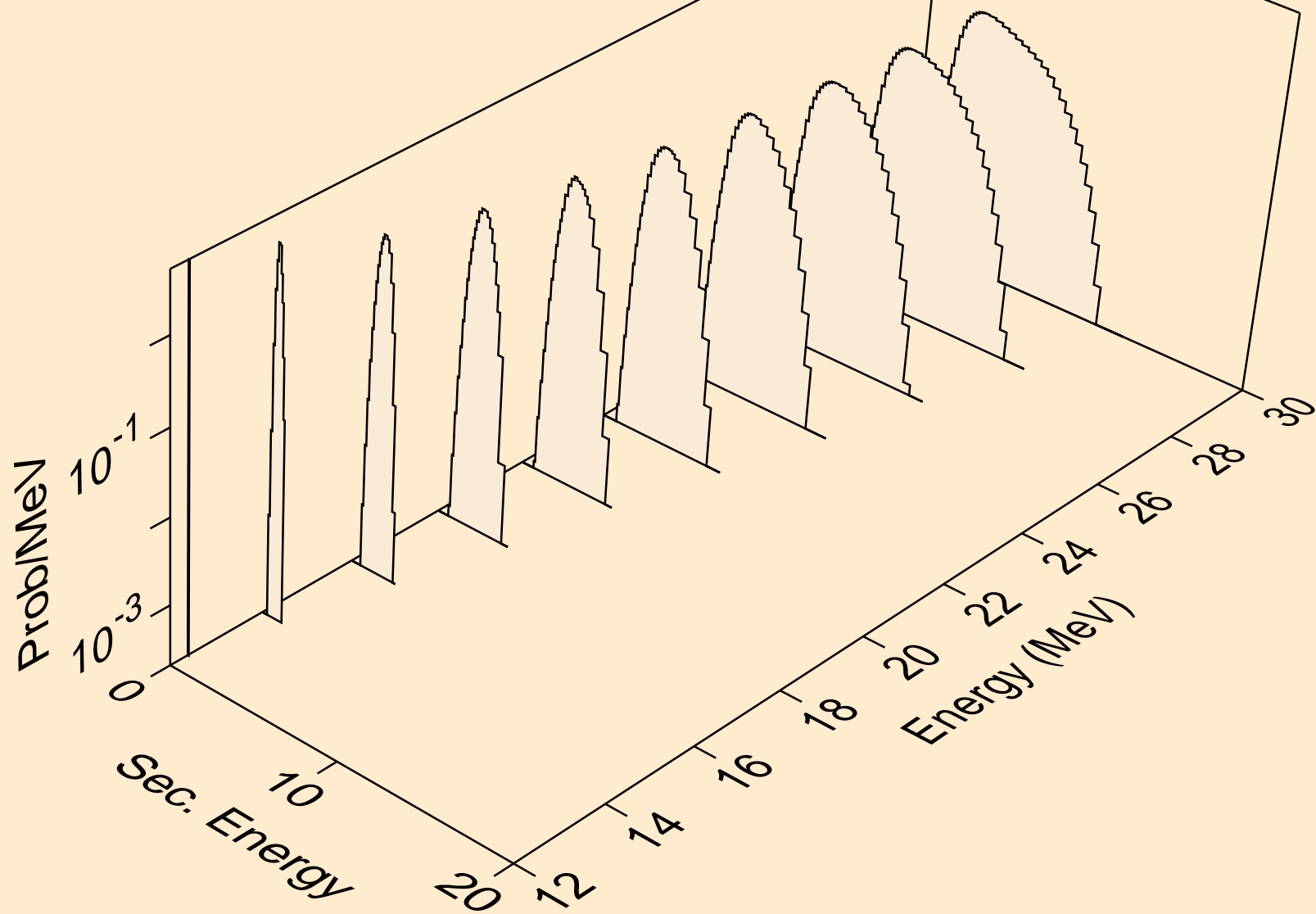
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alphas from (d,n\*)2a



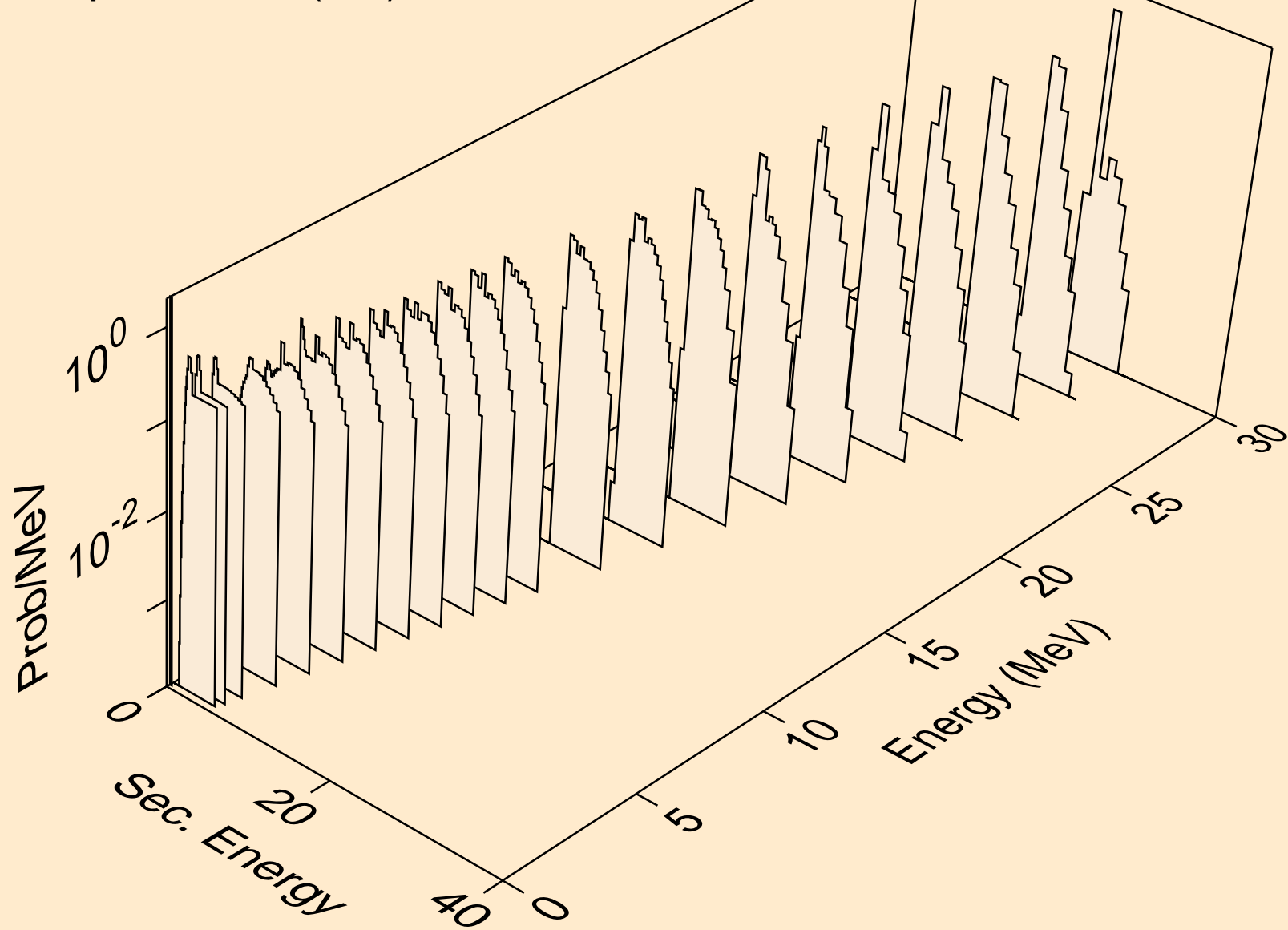
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alphas from (d,2n)2a



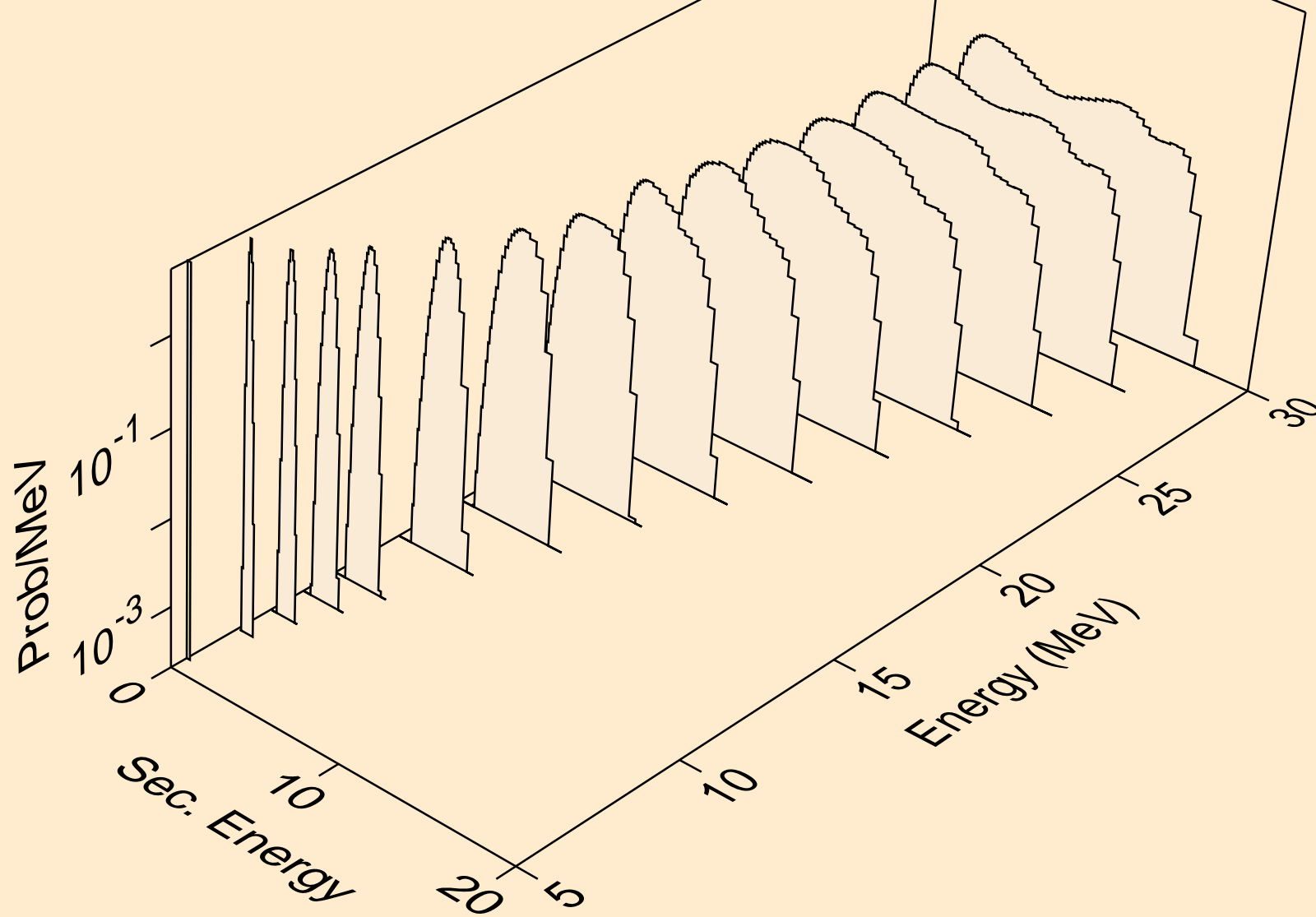
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alphas from (d,npa)



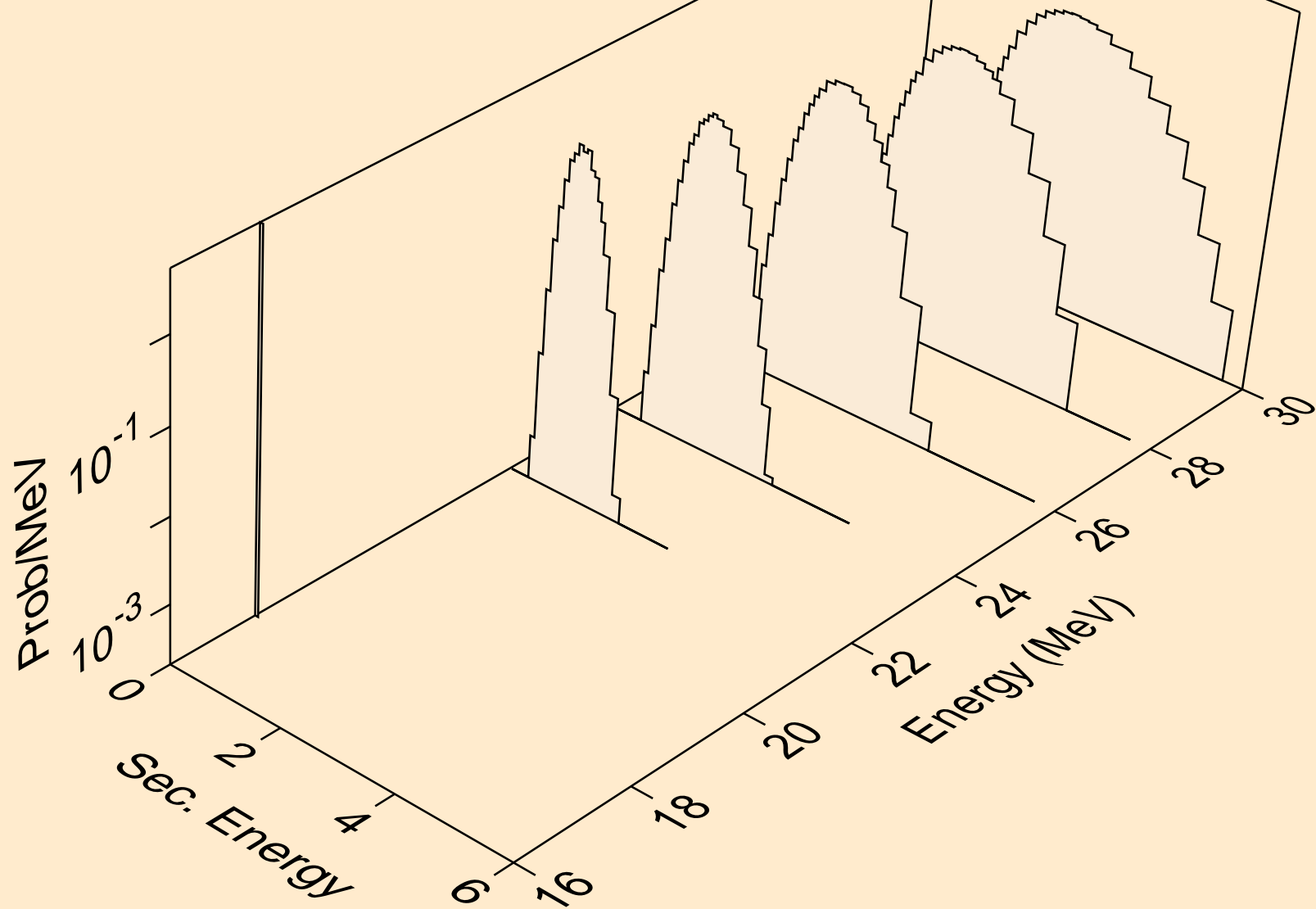
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alphas from (d,a)



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2a)

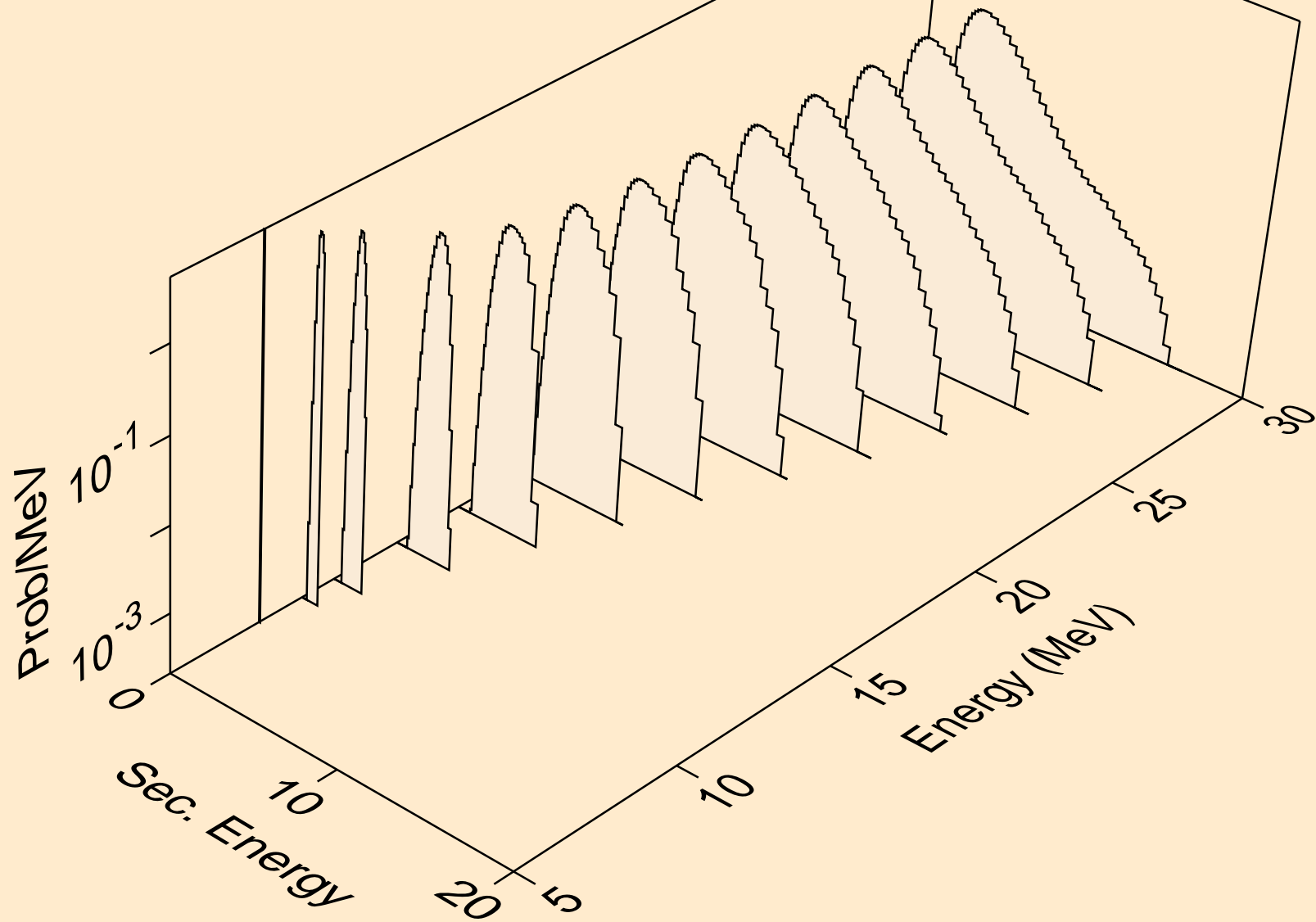


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alphas from (d,3a)

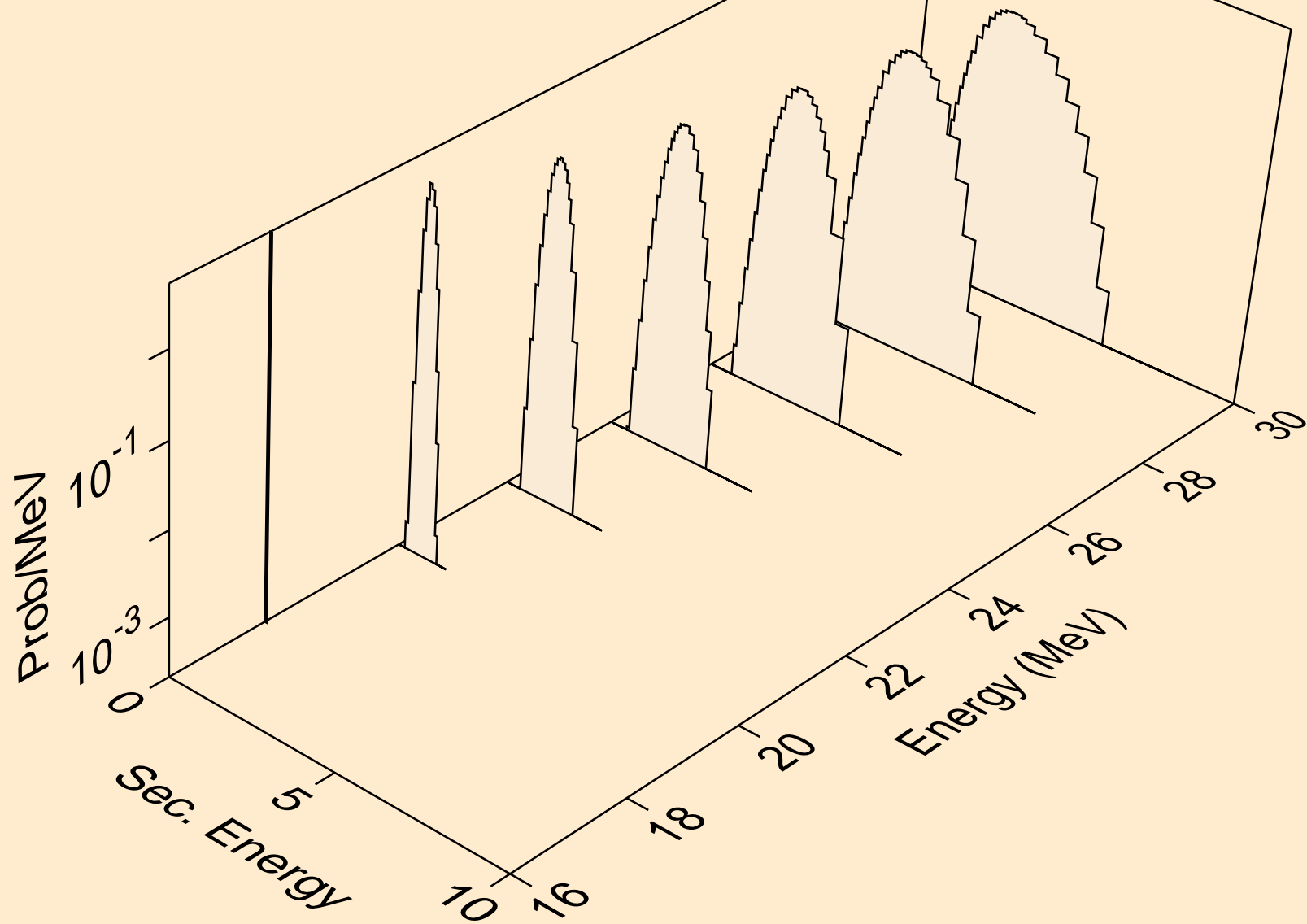




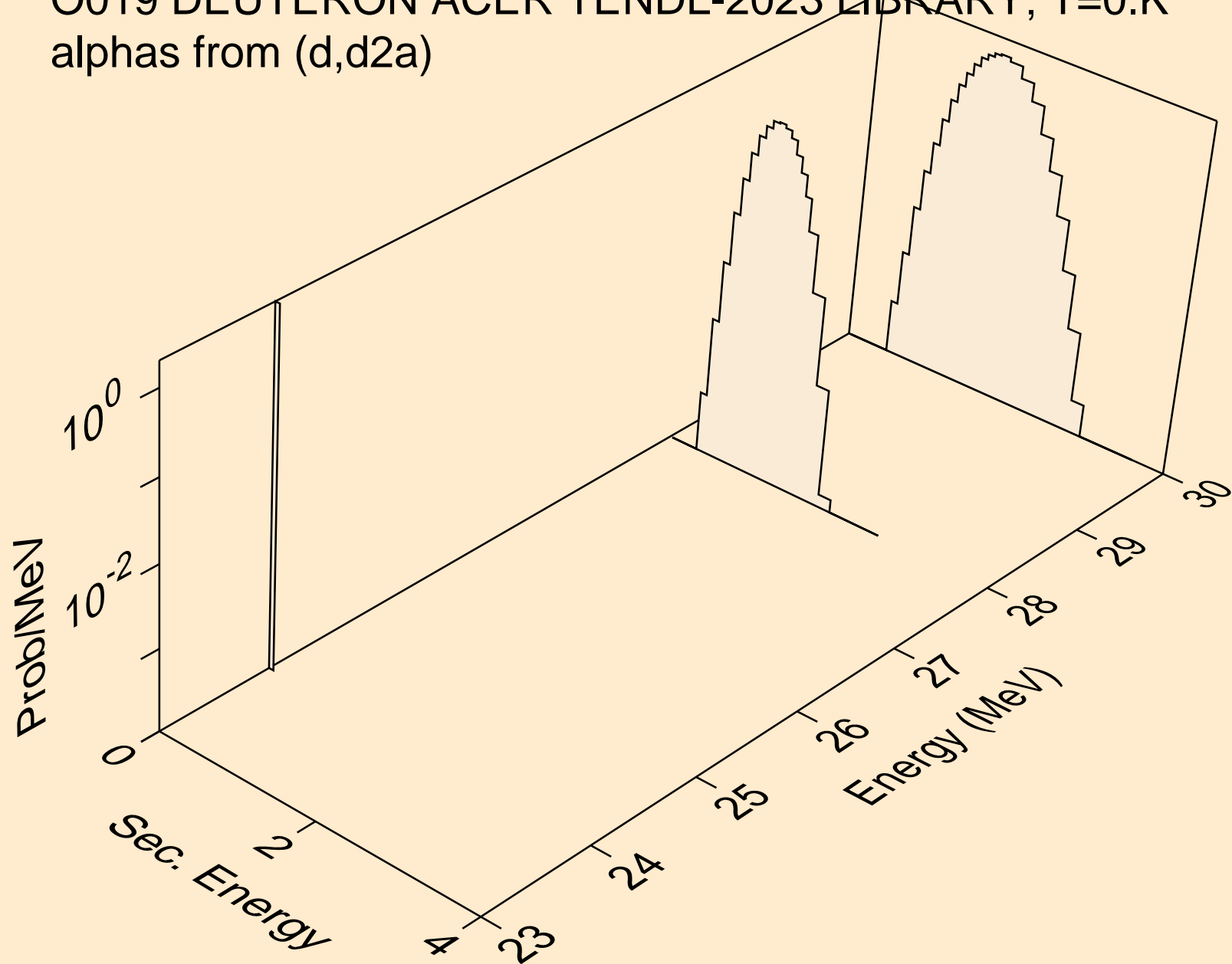
O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,t2a)



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,d2a)



O019 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

