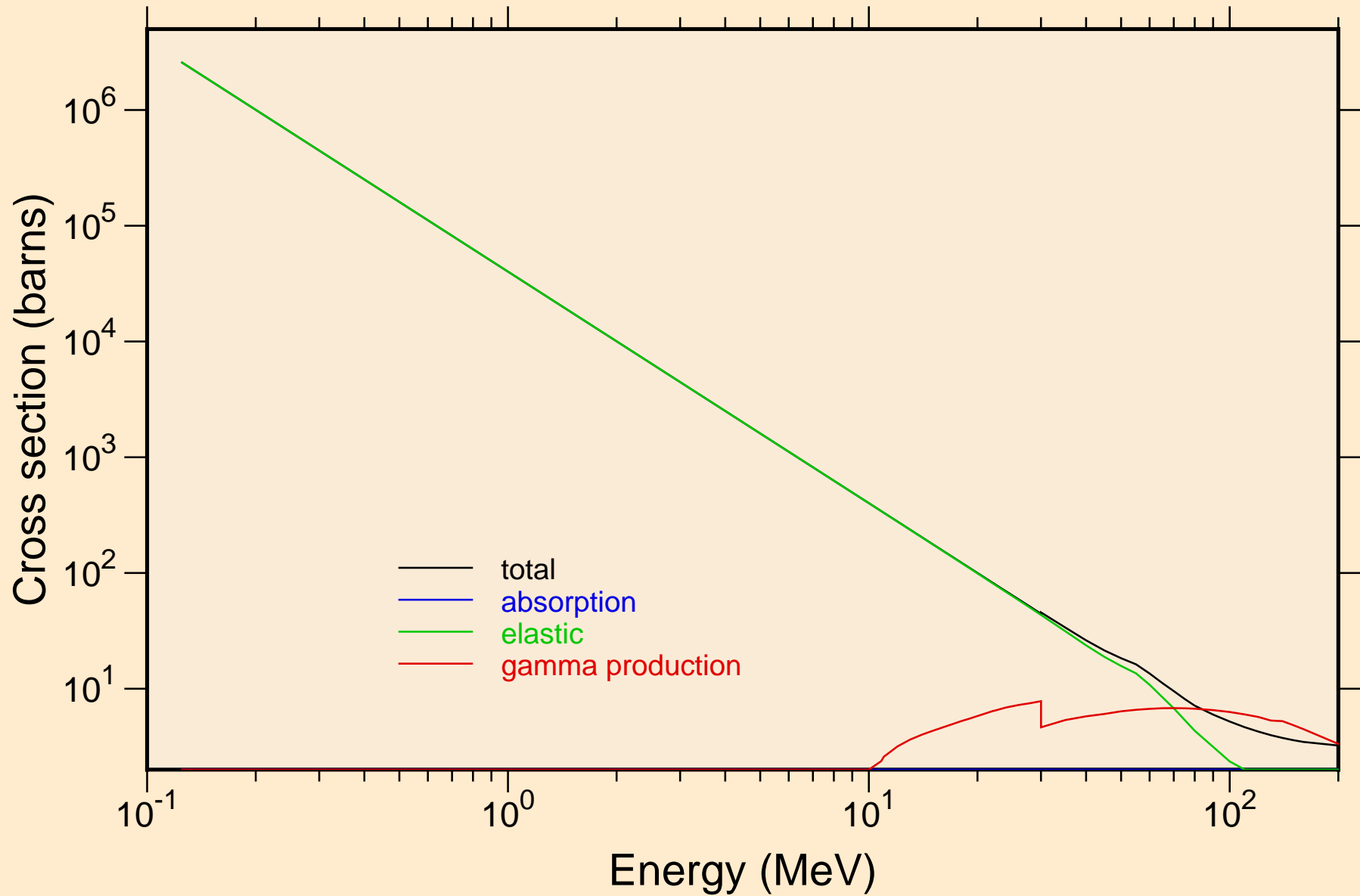
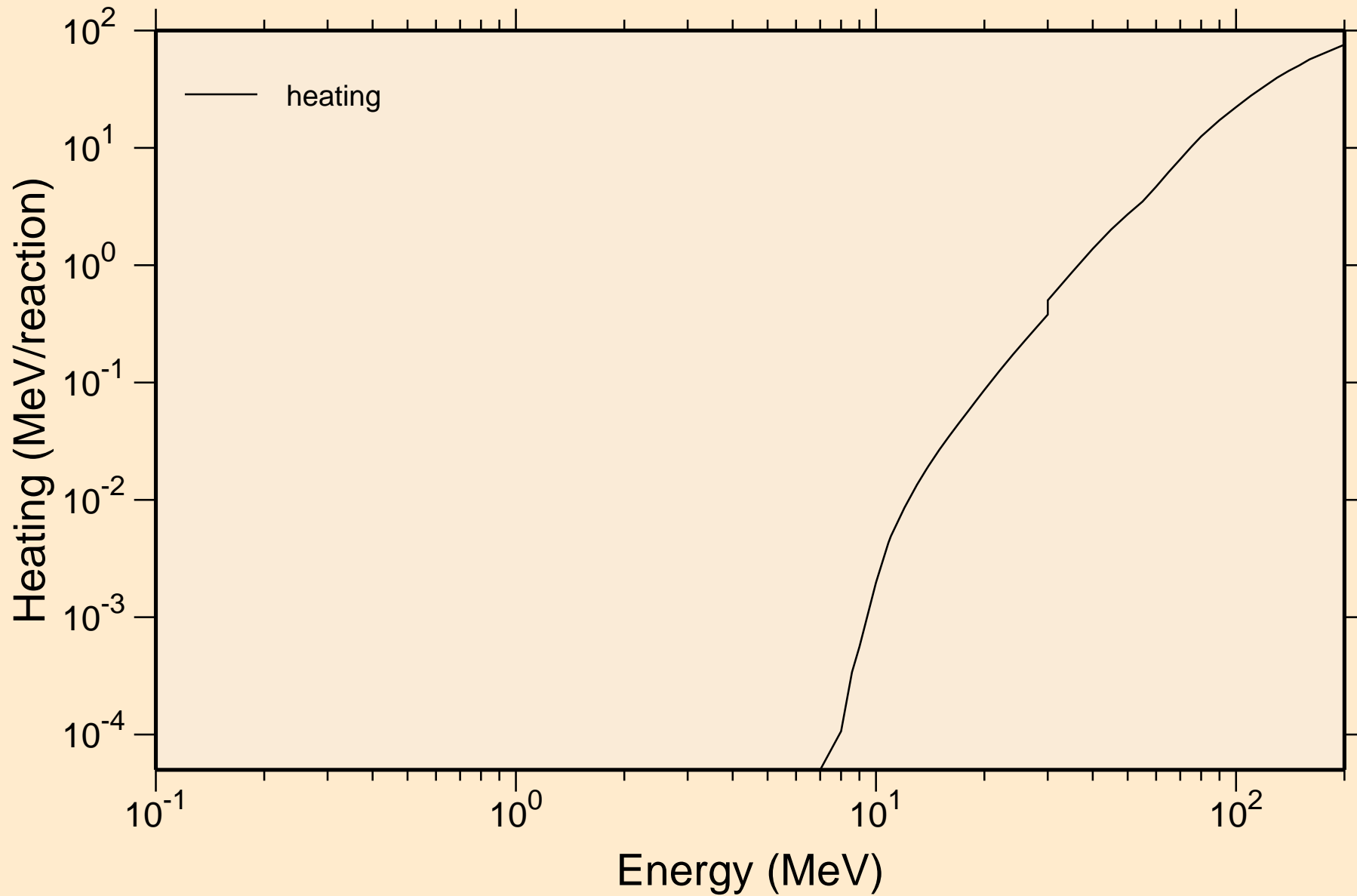


# HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

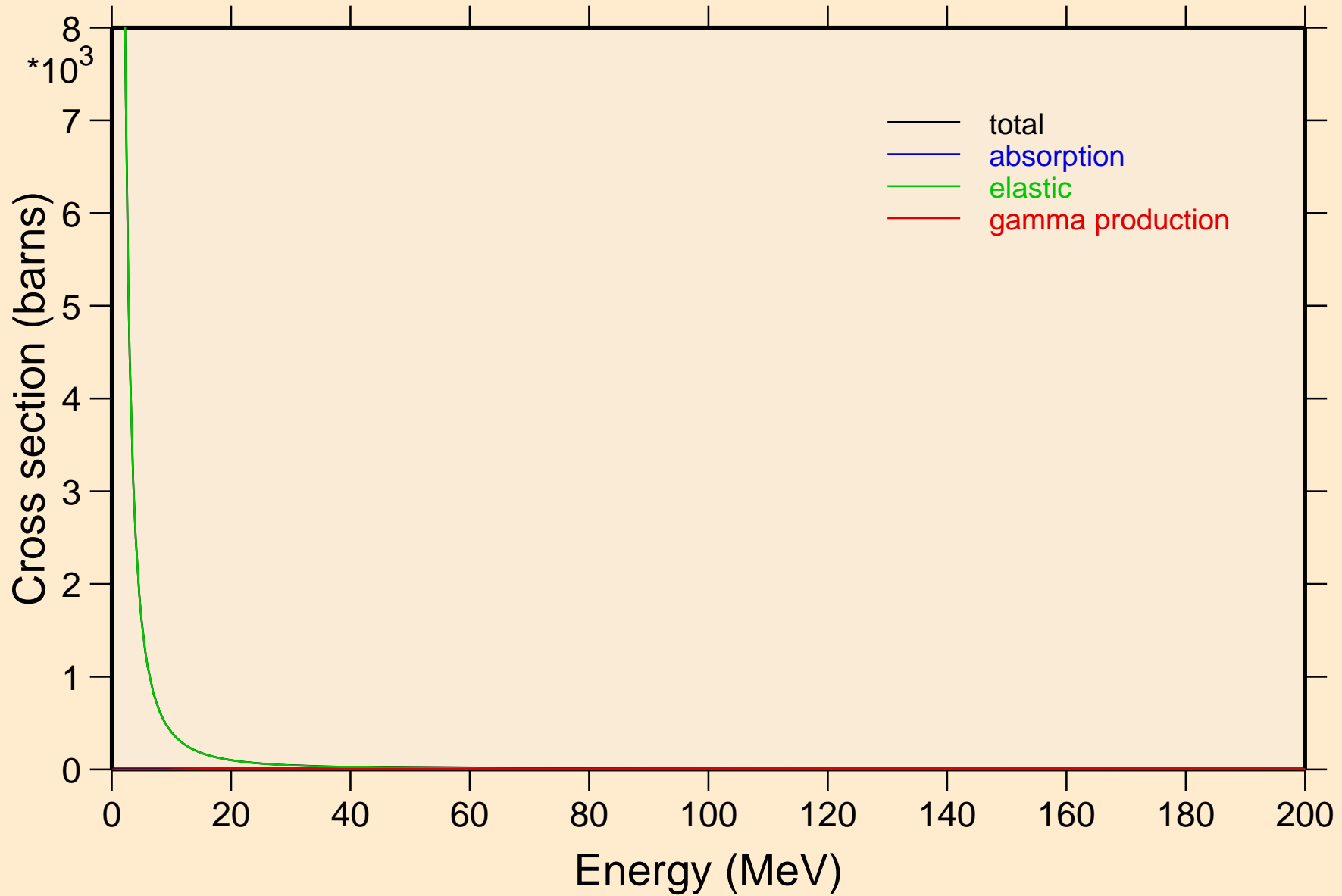


HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



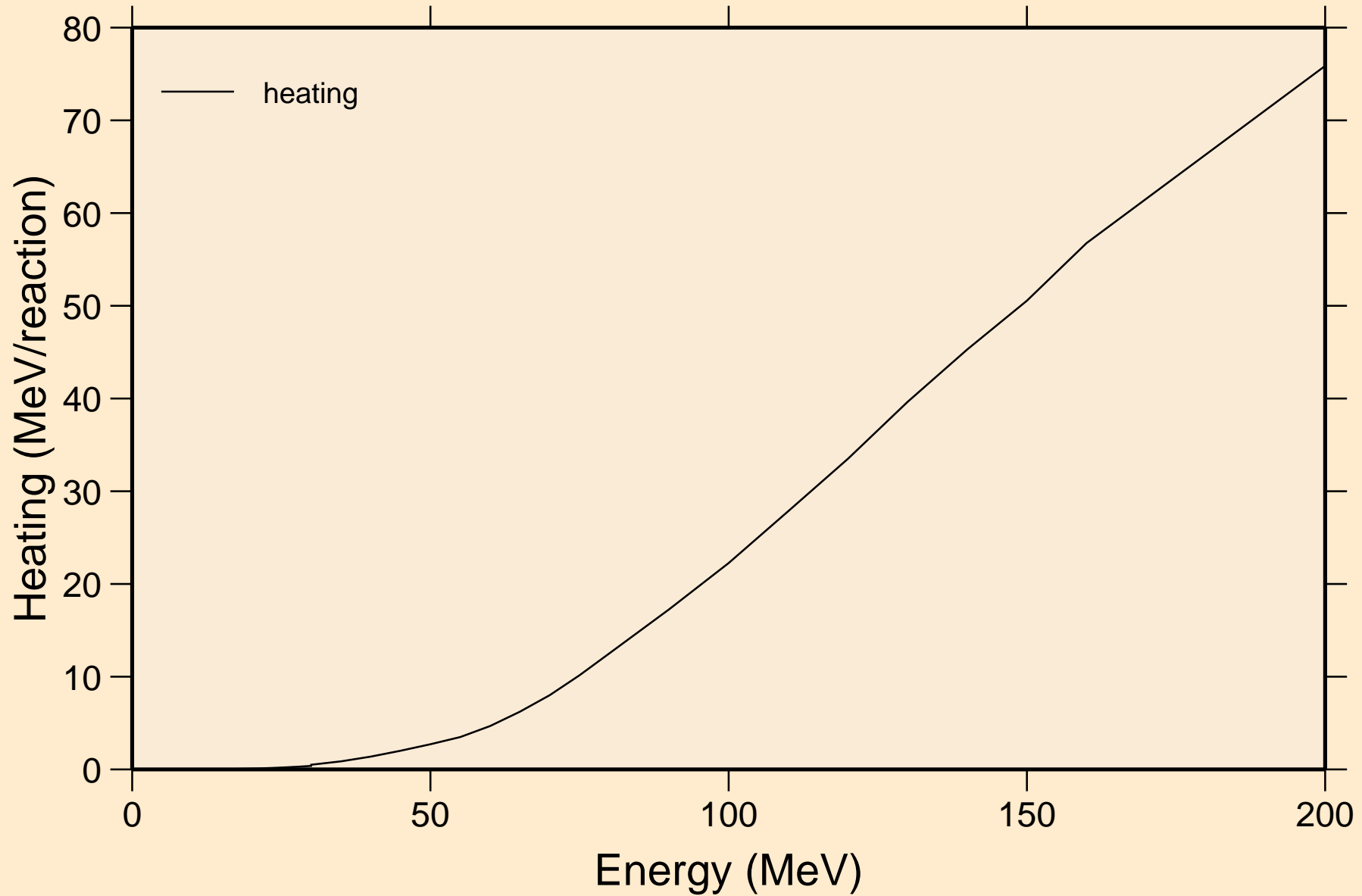
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## Principal cross sections



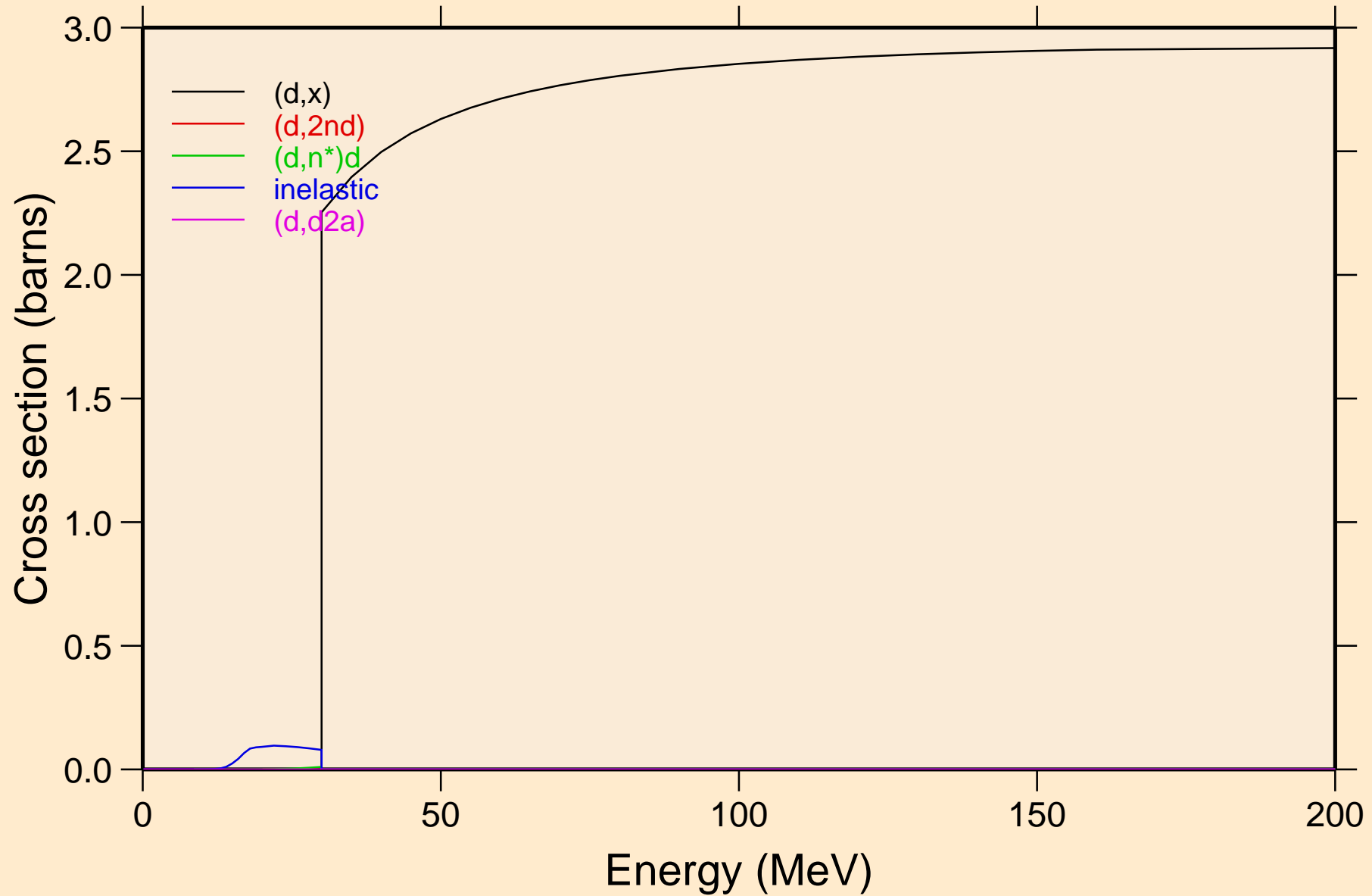
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## Heating



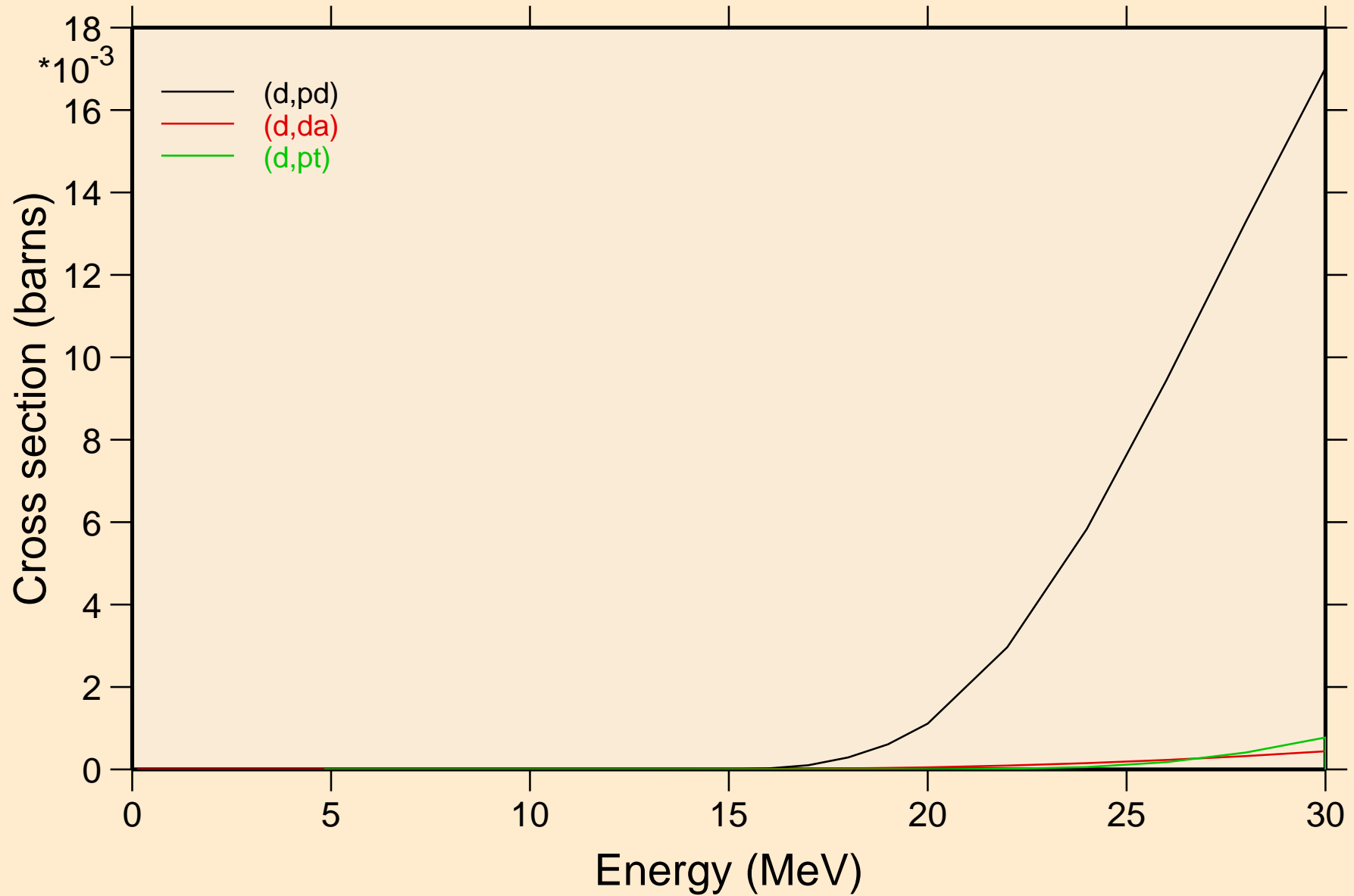
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## Threshold reactions

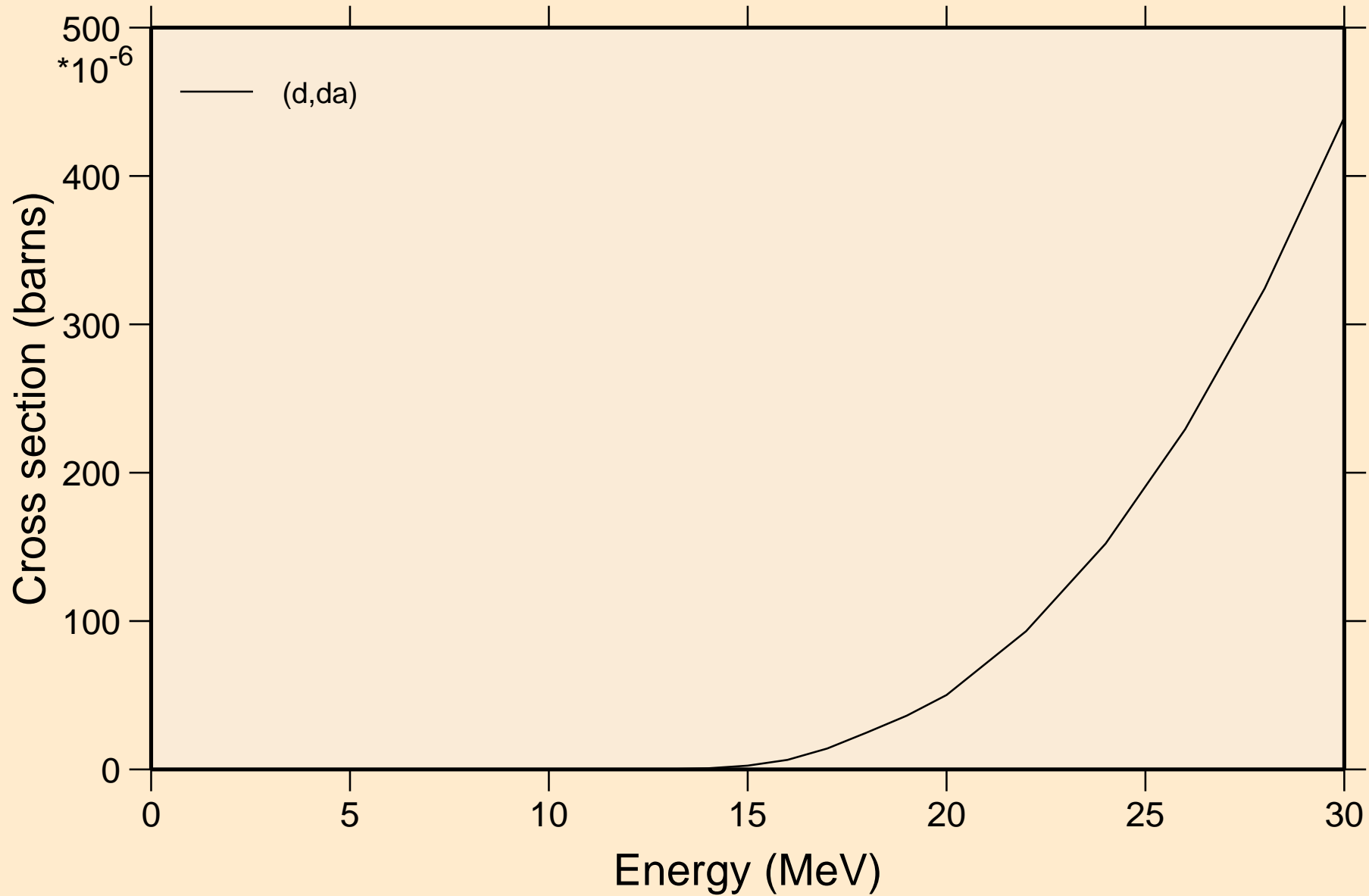


# HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

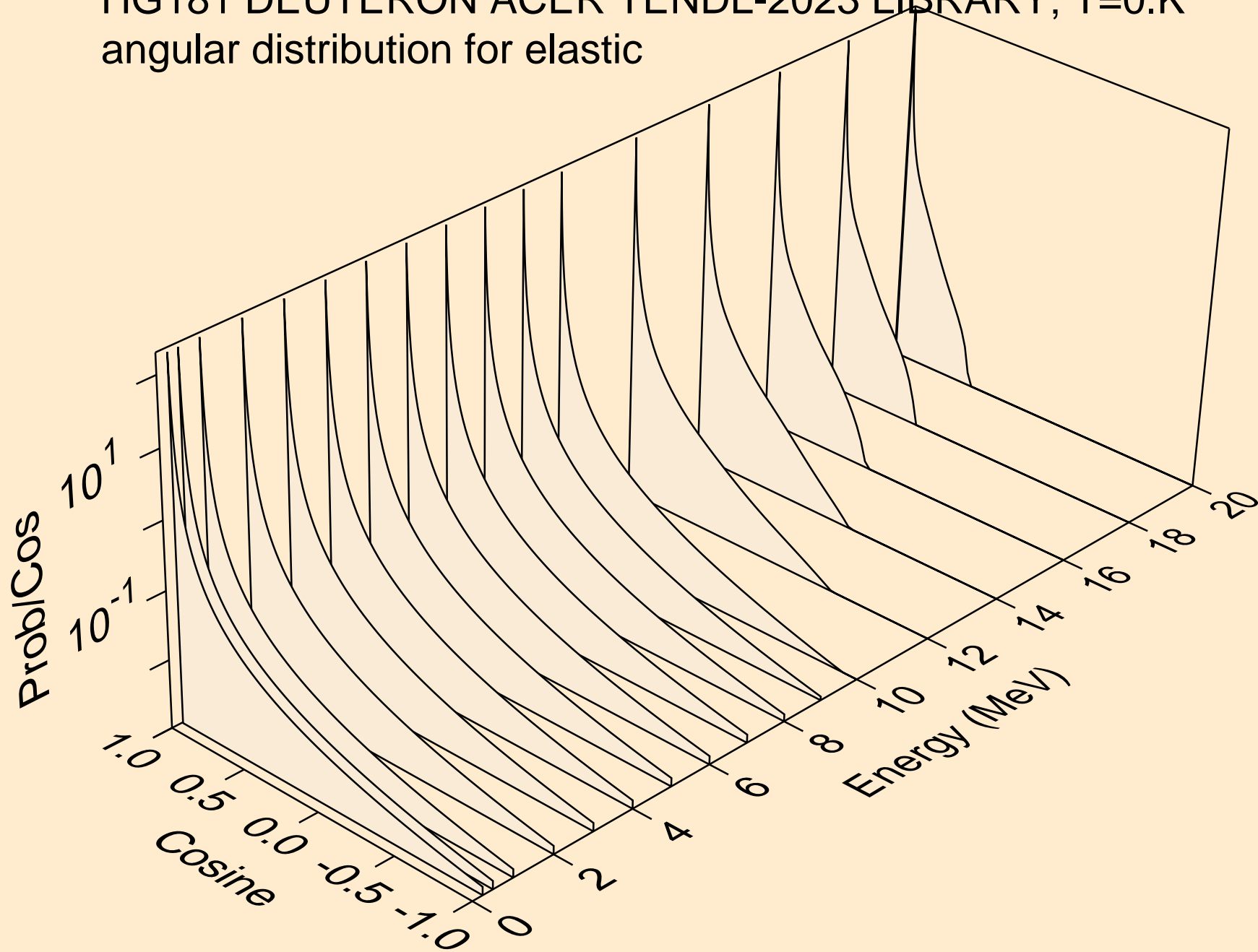
## Threshold reactions



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

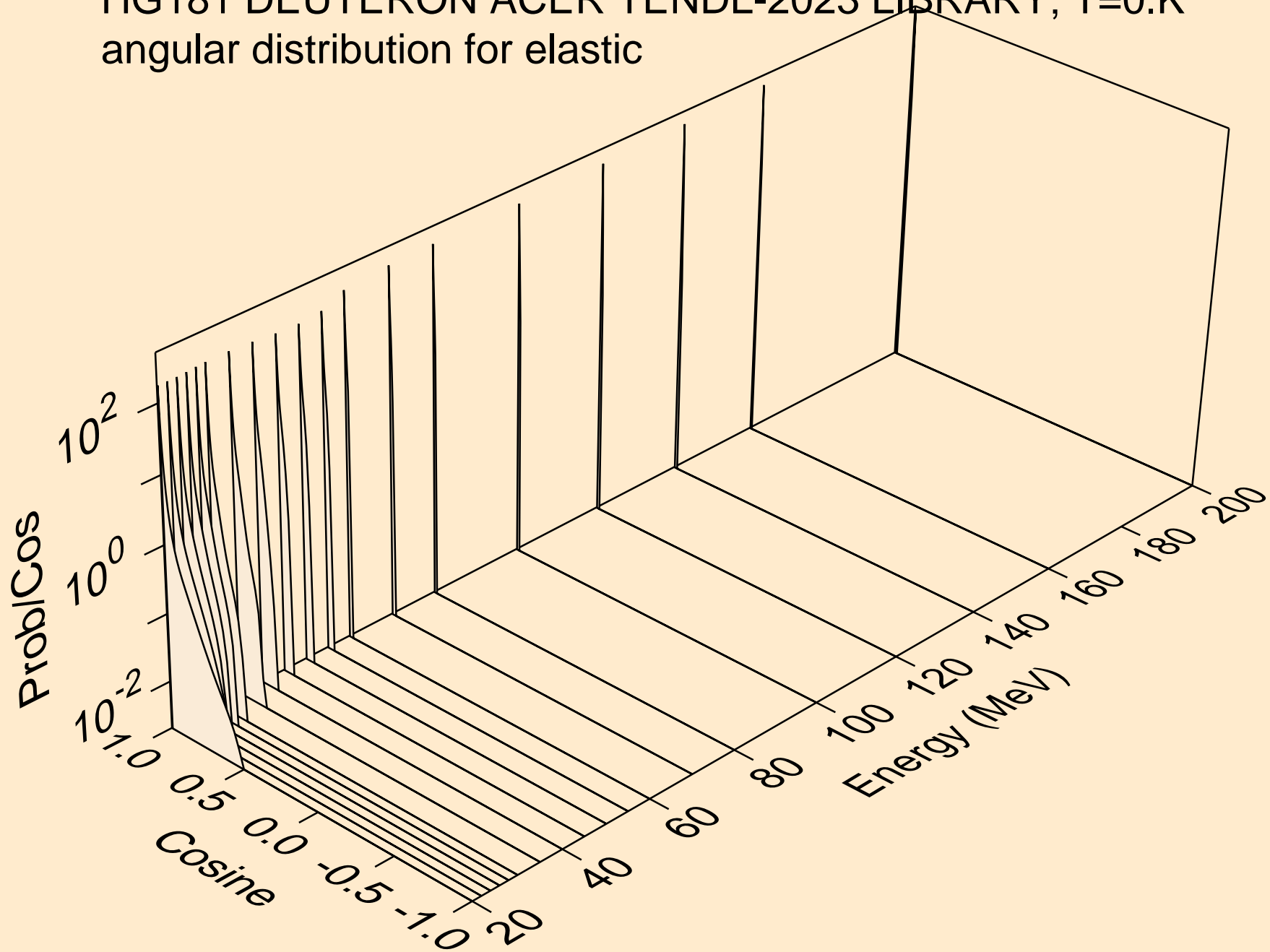


HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

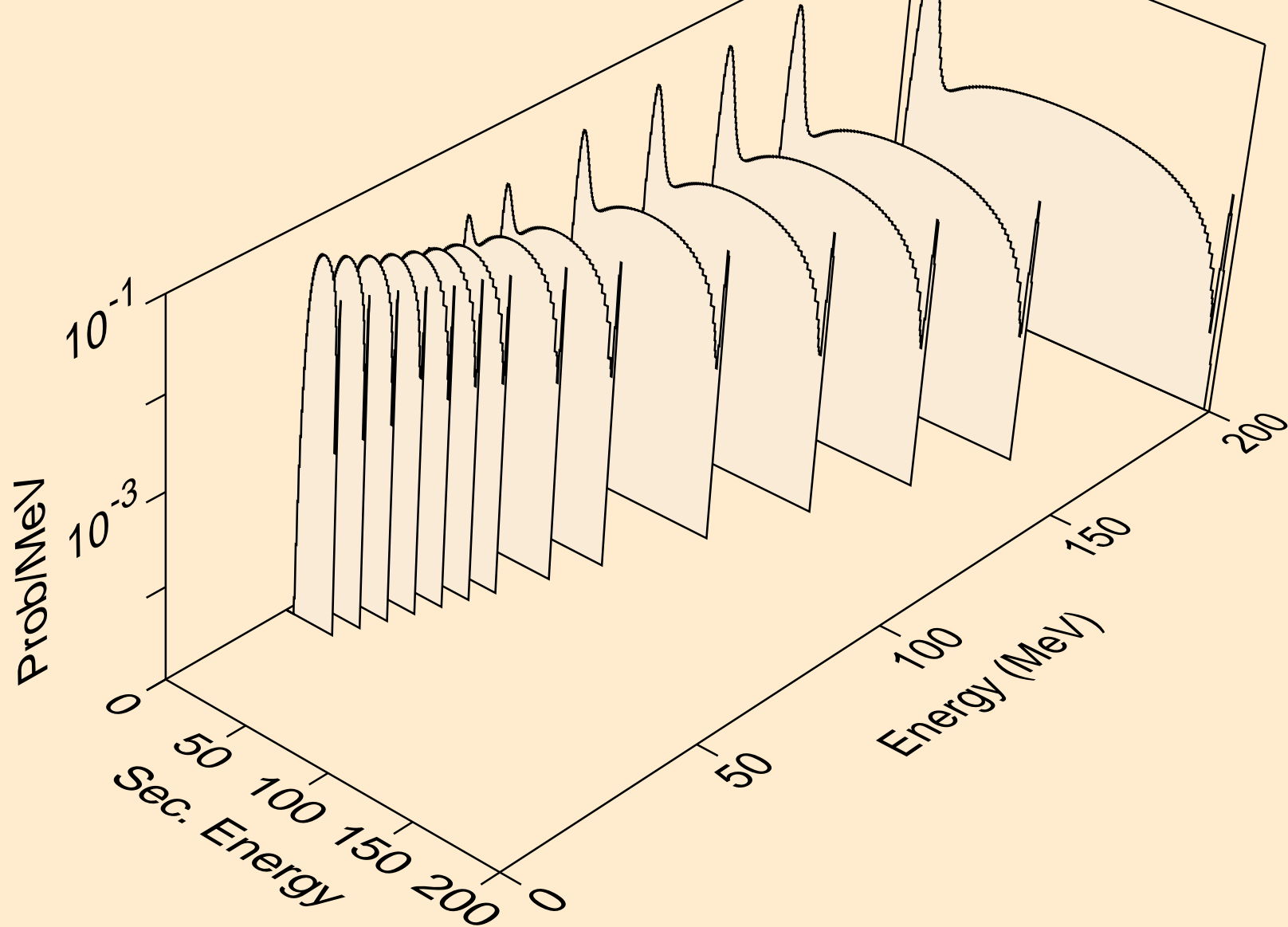




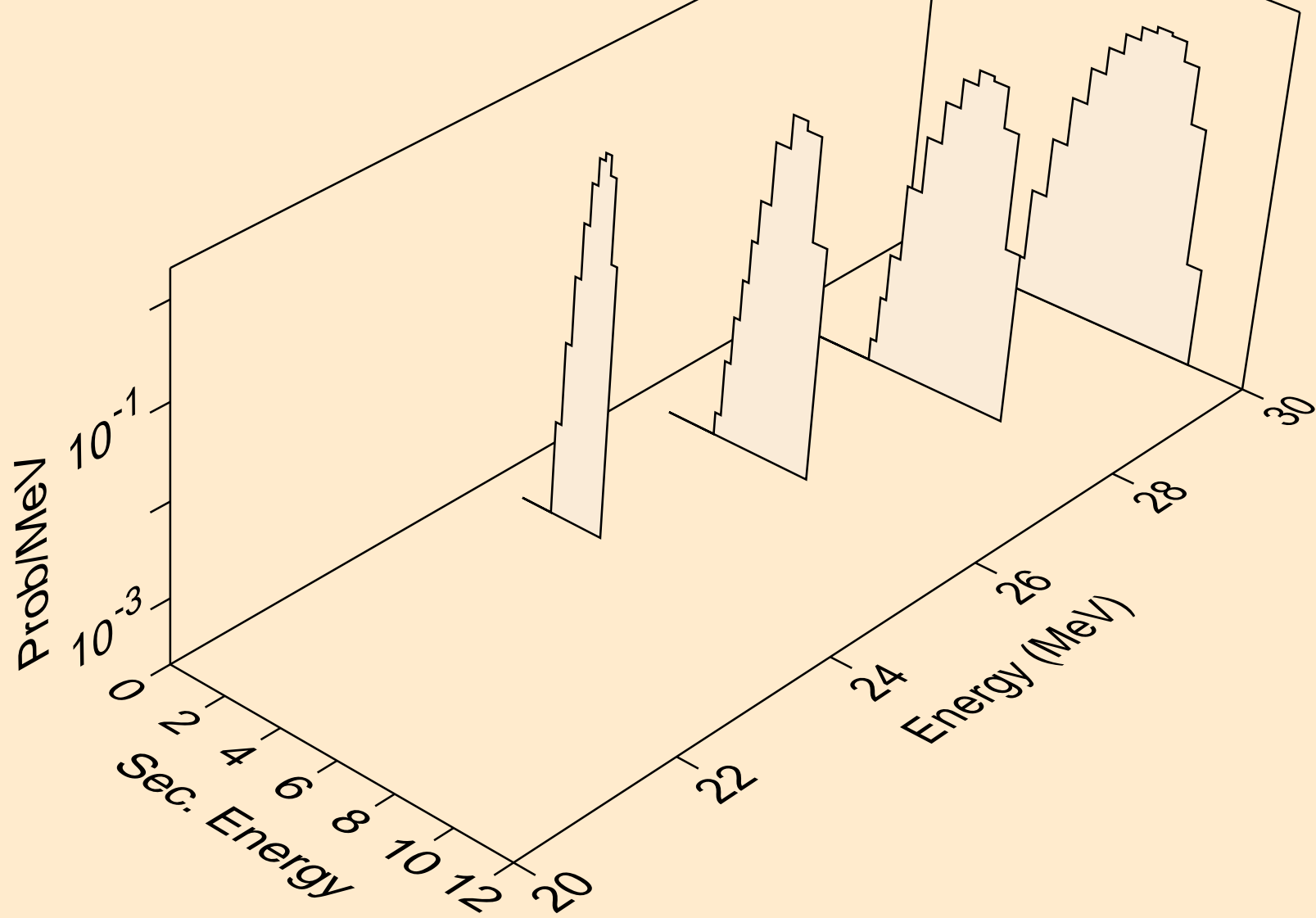
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



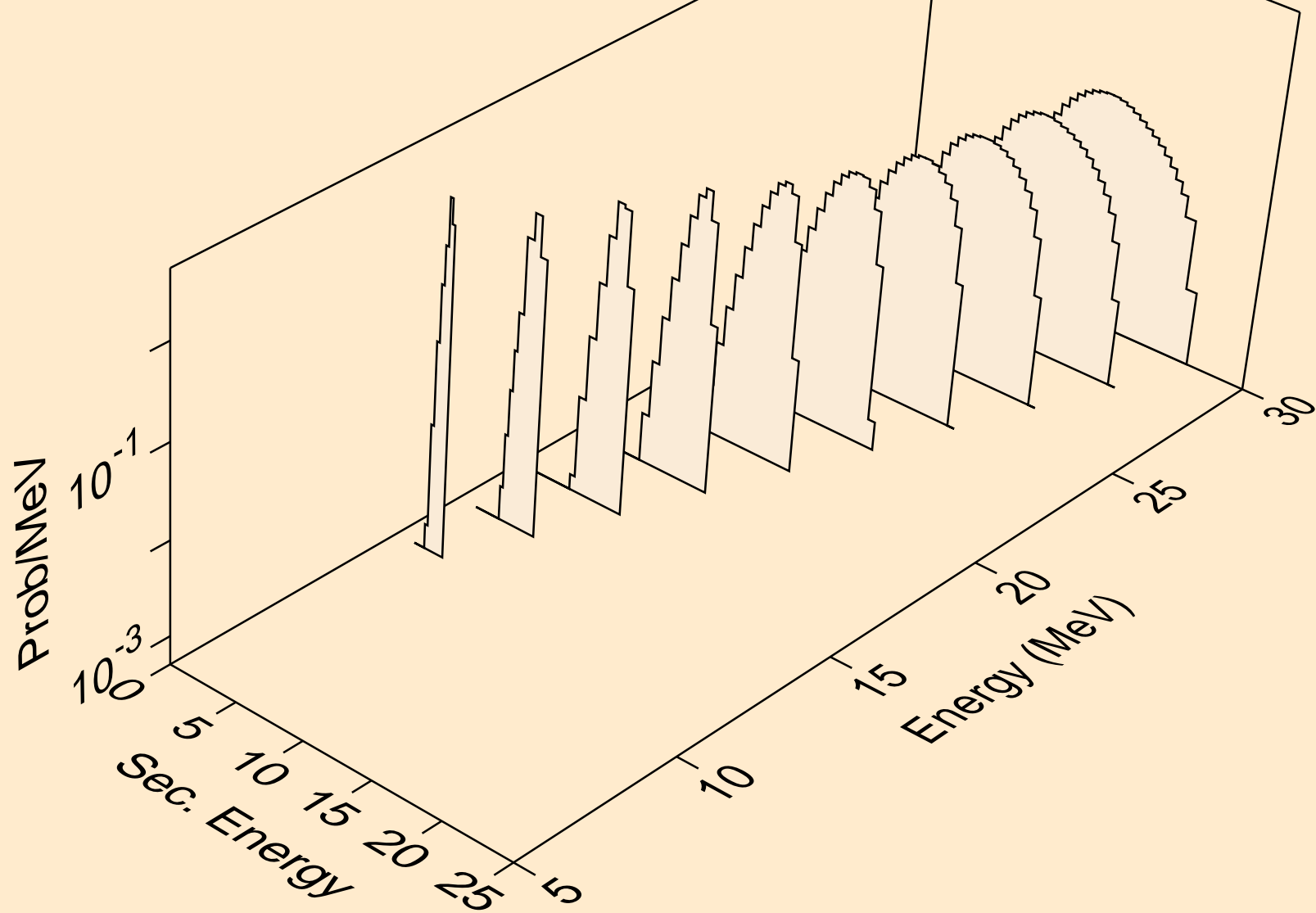
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,x)



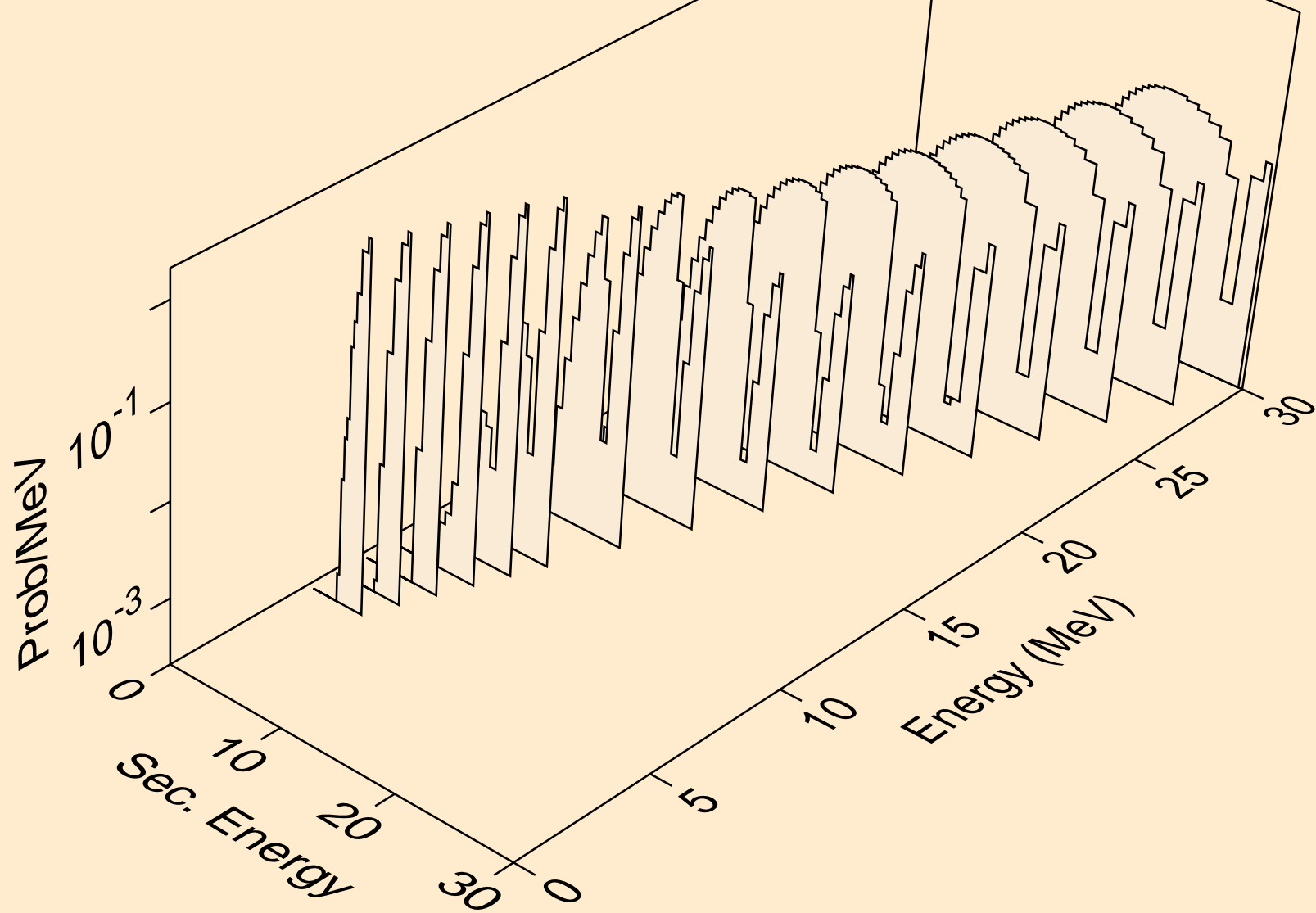
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,2nd)



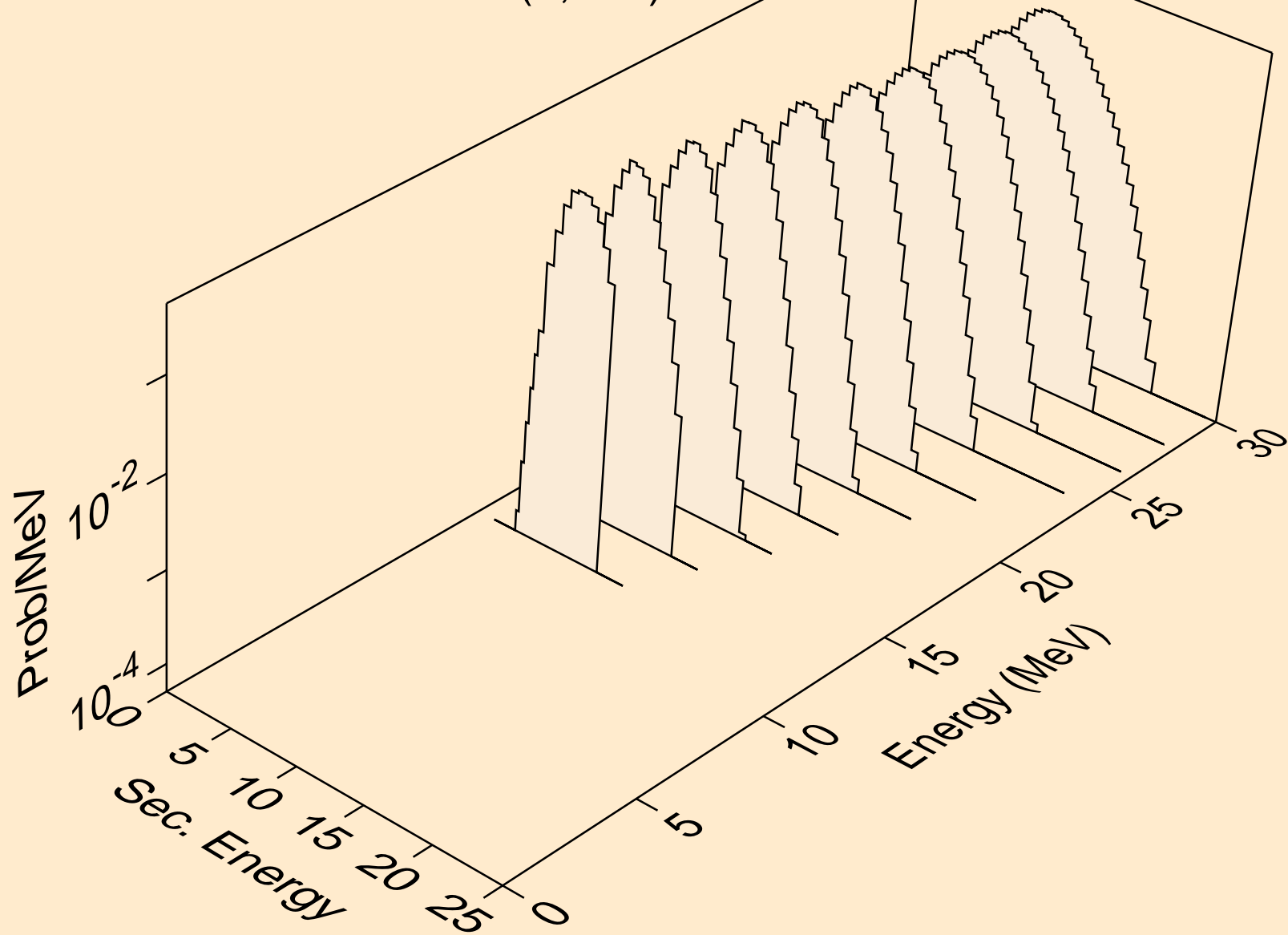
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,n\*)d



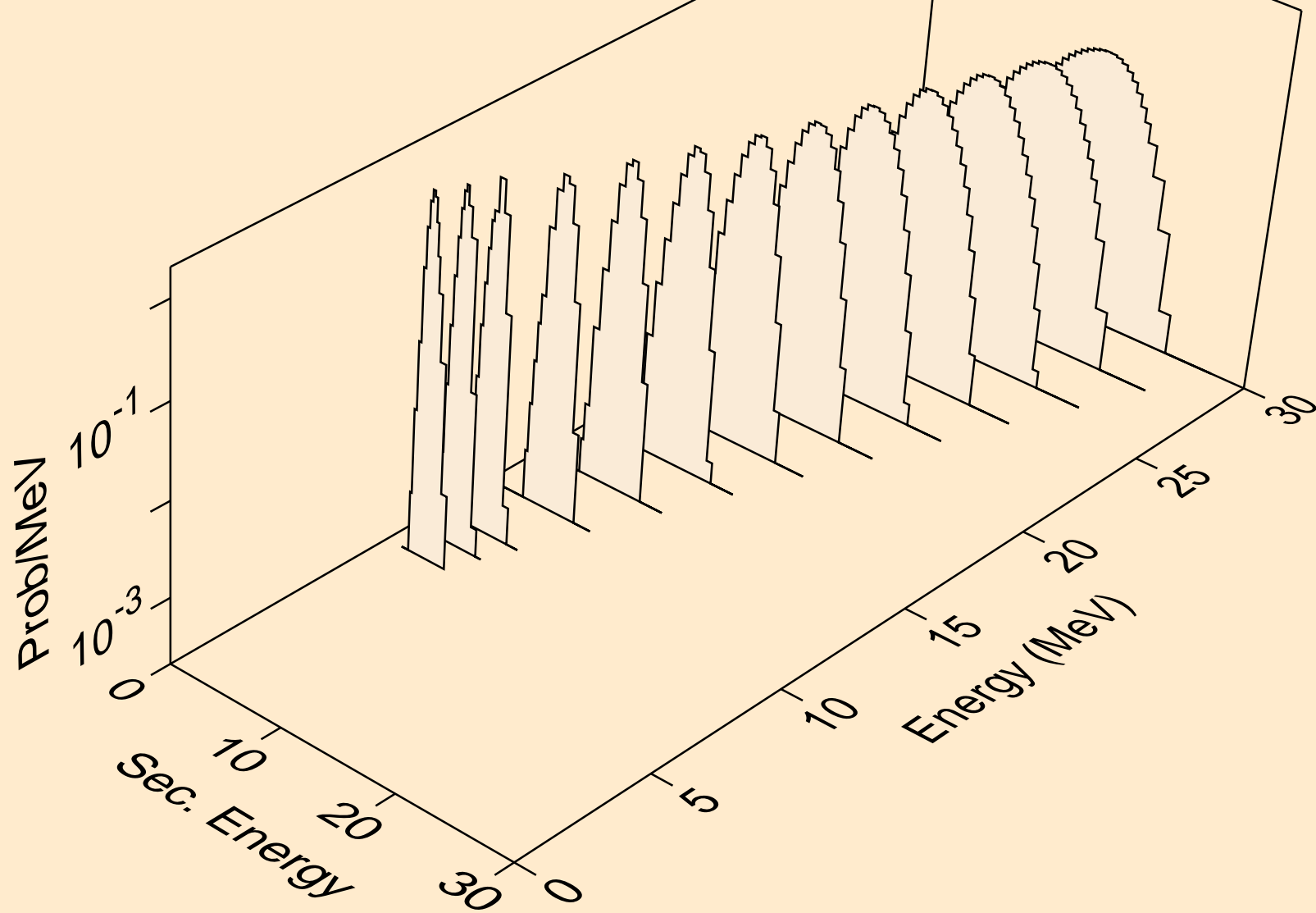
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



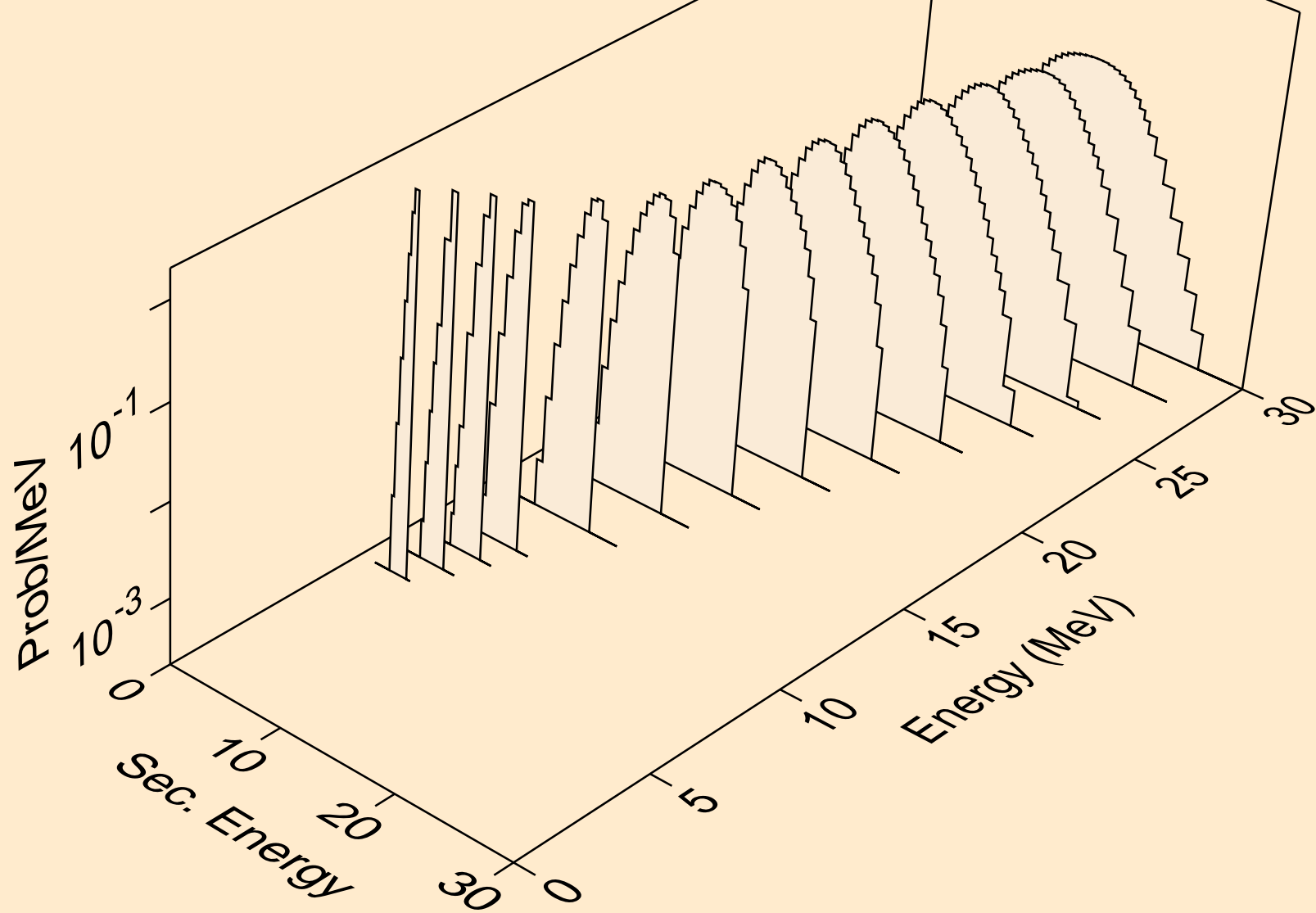
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,d2a)



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)

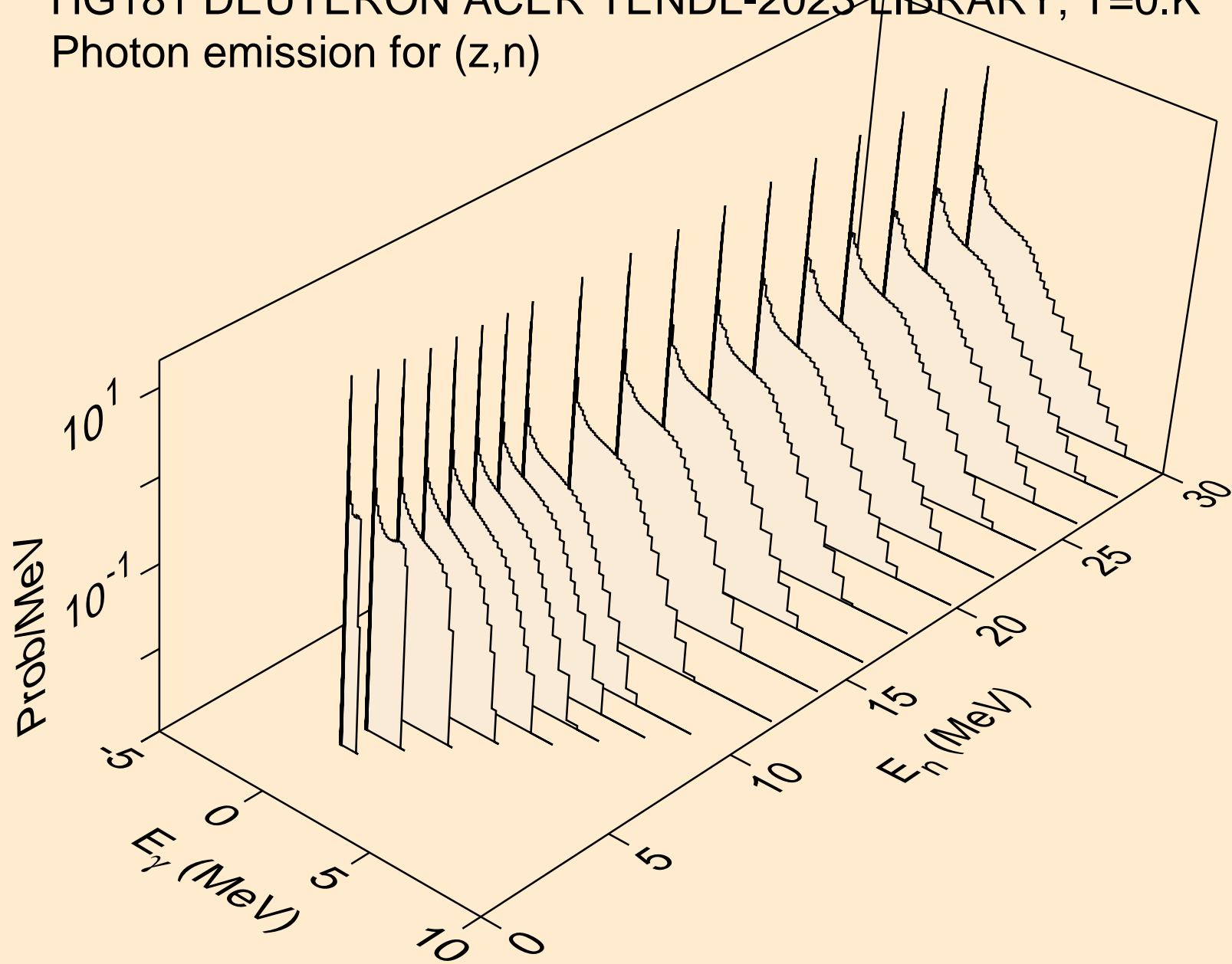


HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,da)

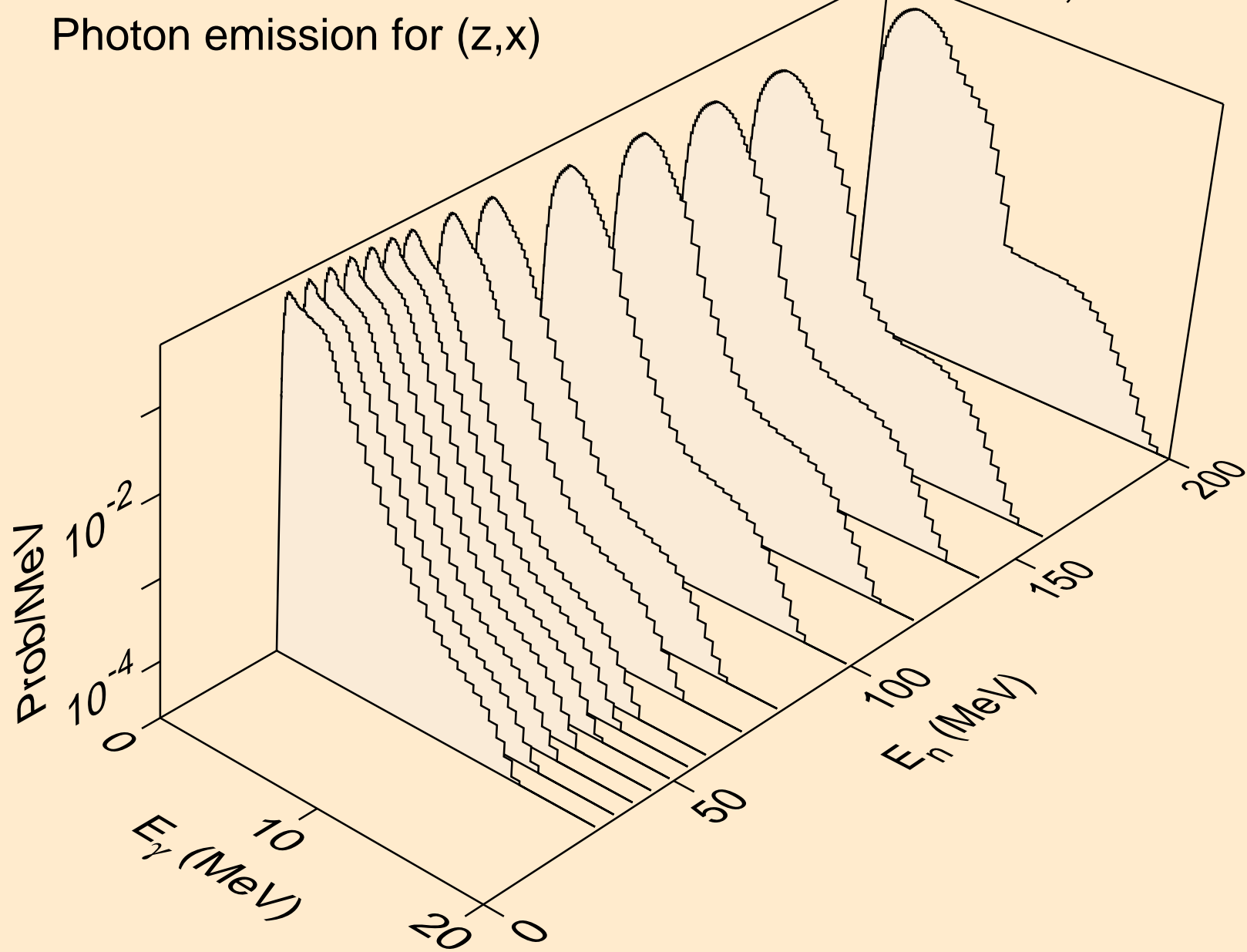




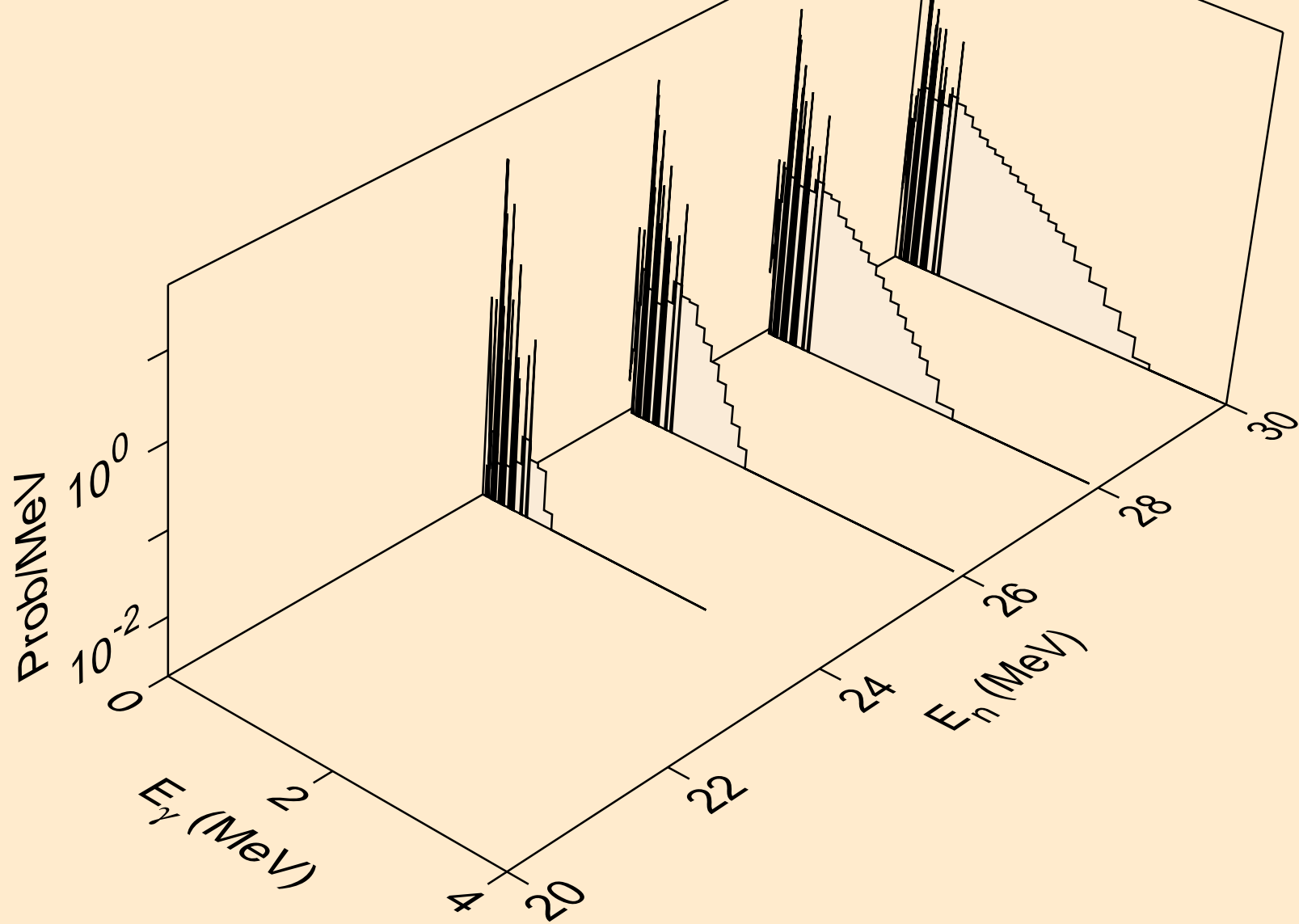
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



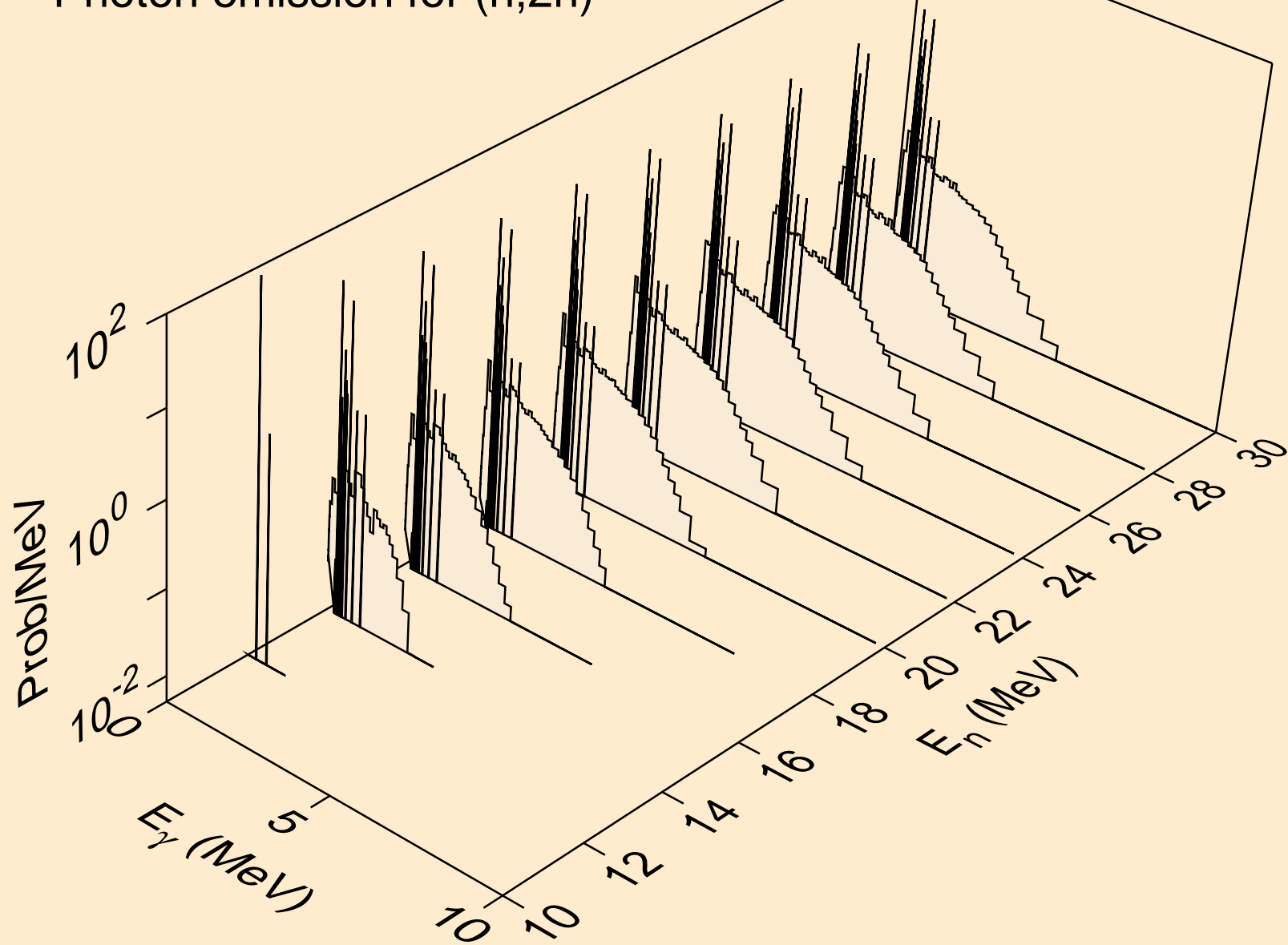
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



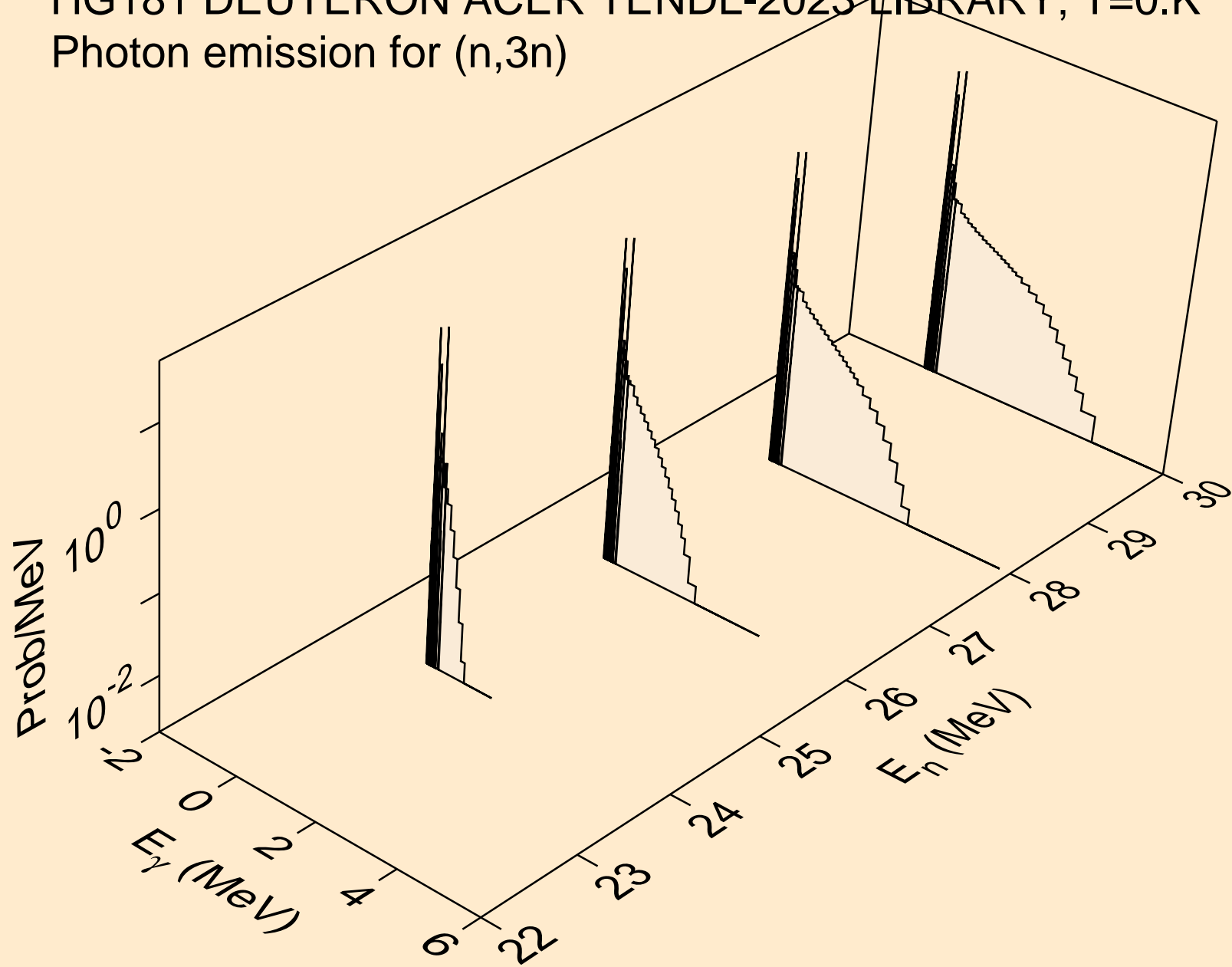
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



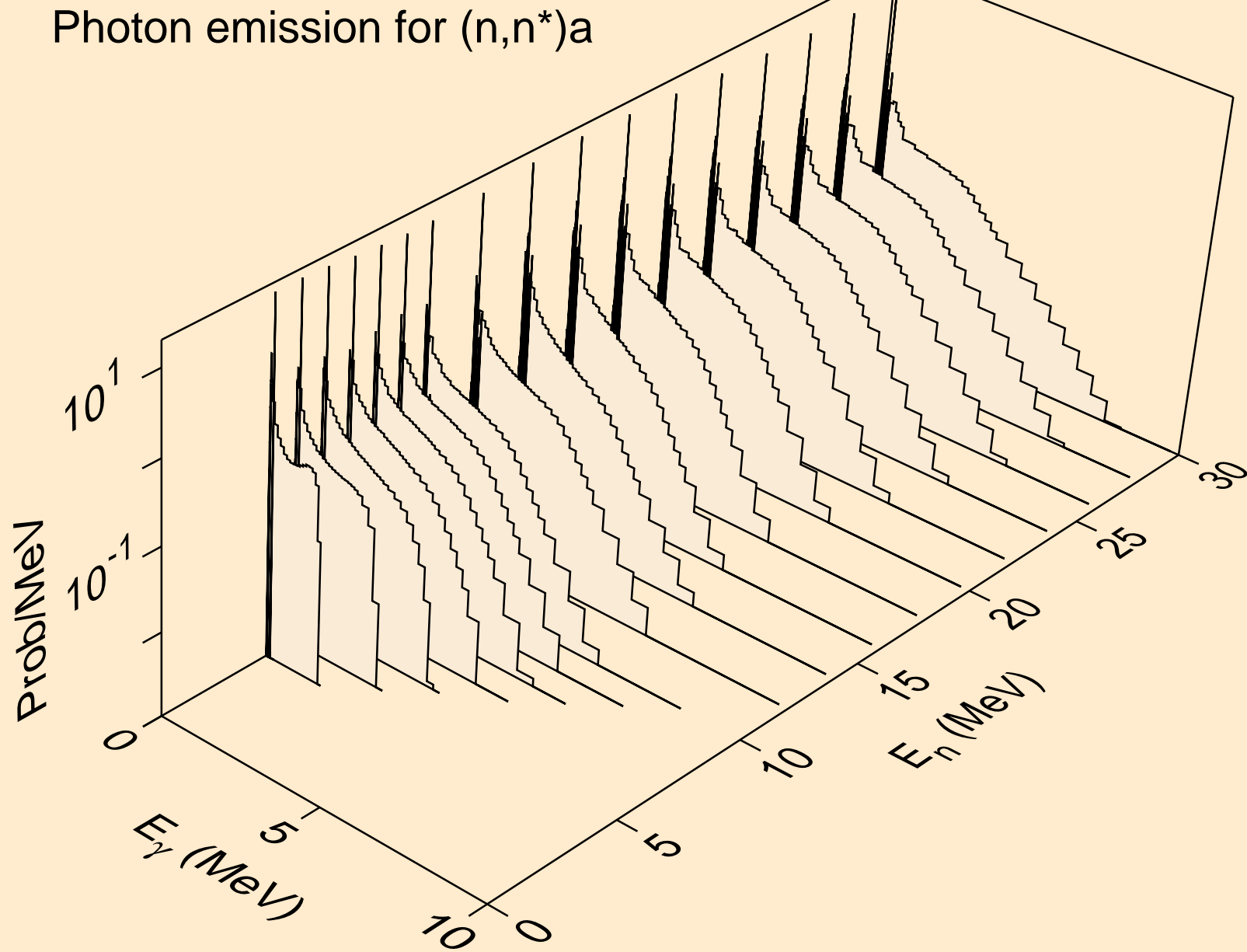
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Photon emission for (n,2n)



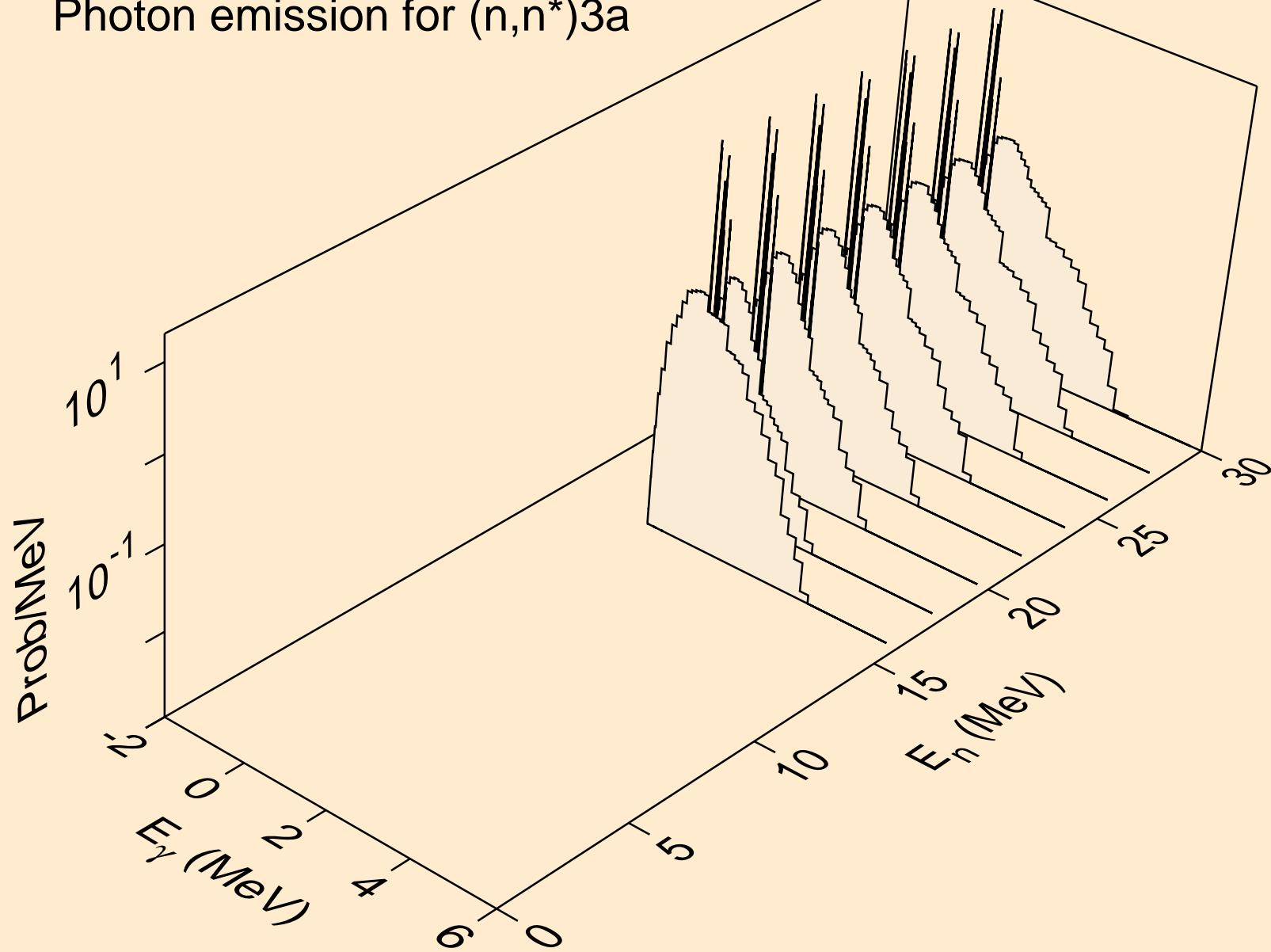
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



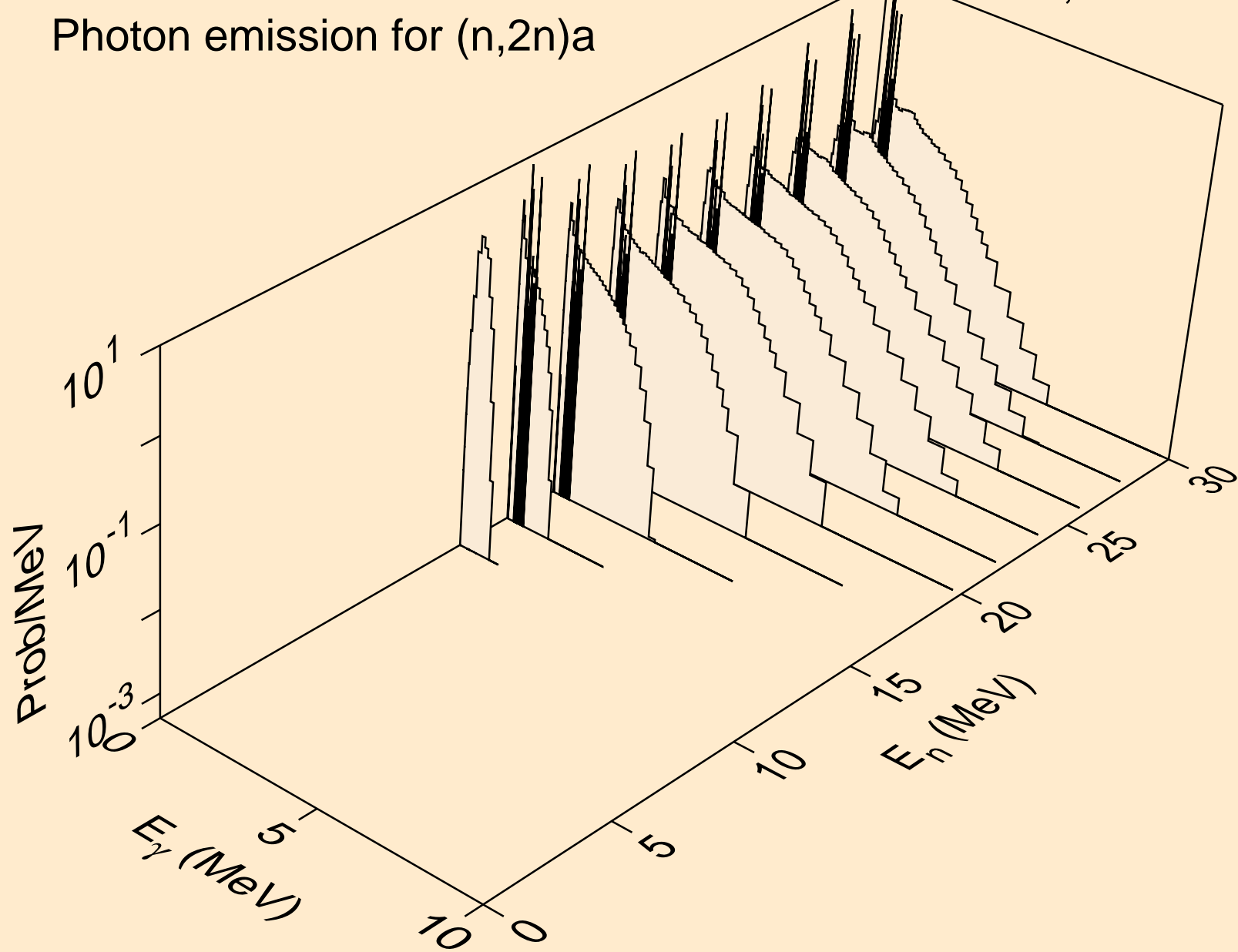
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a

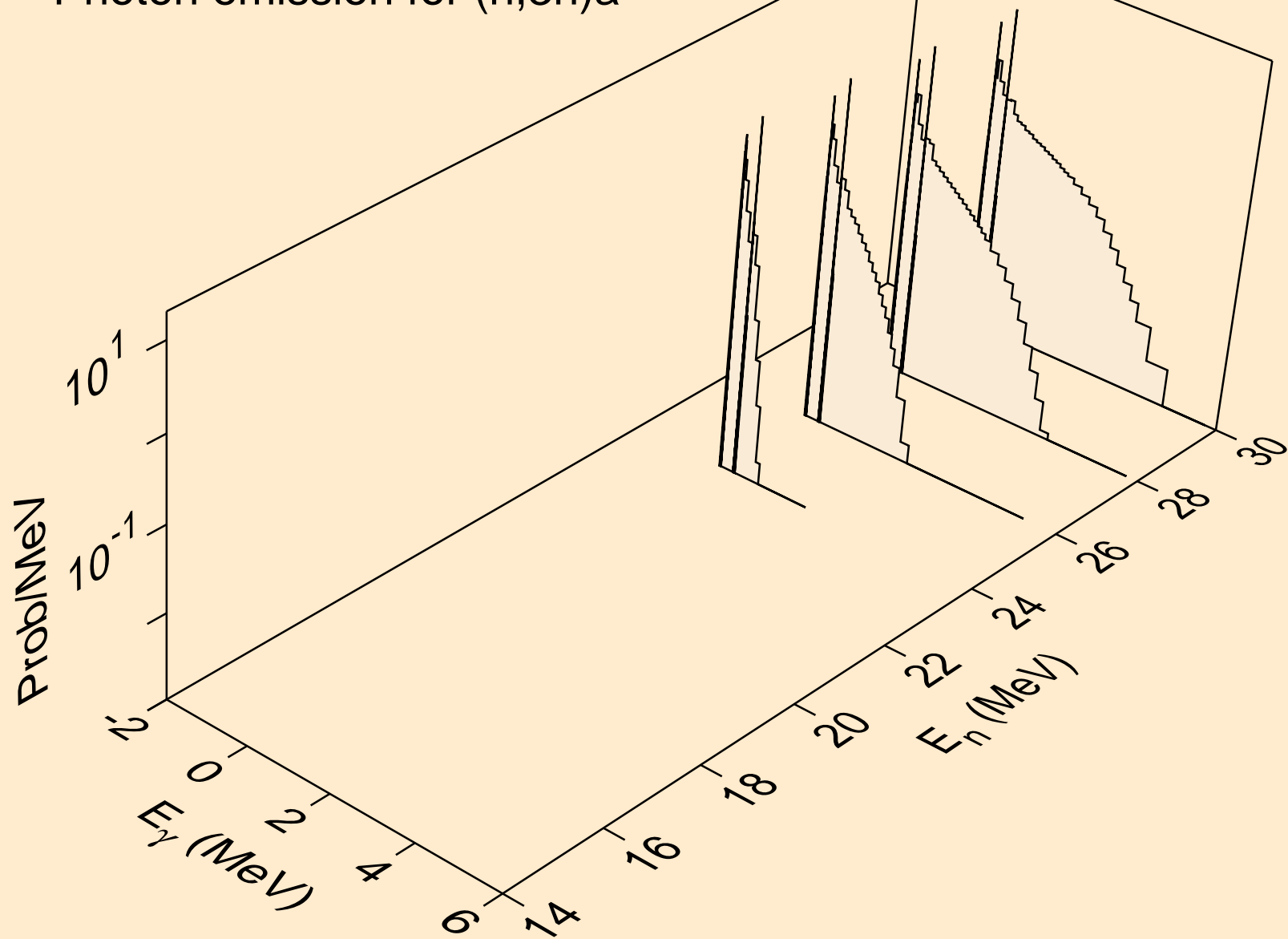


HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$

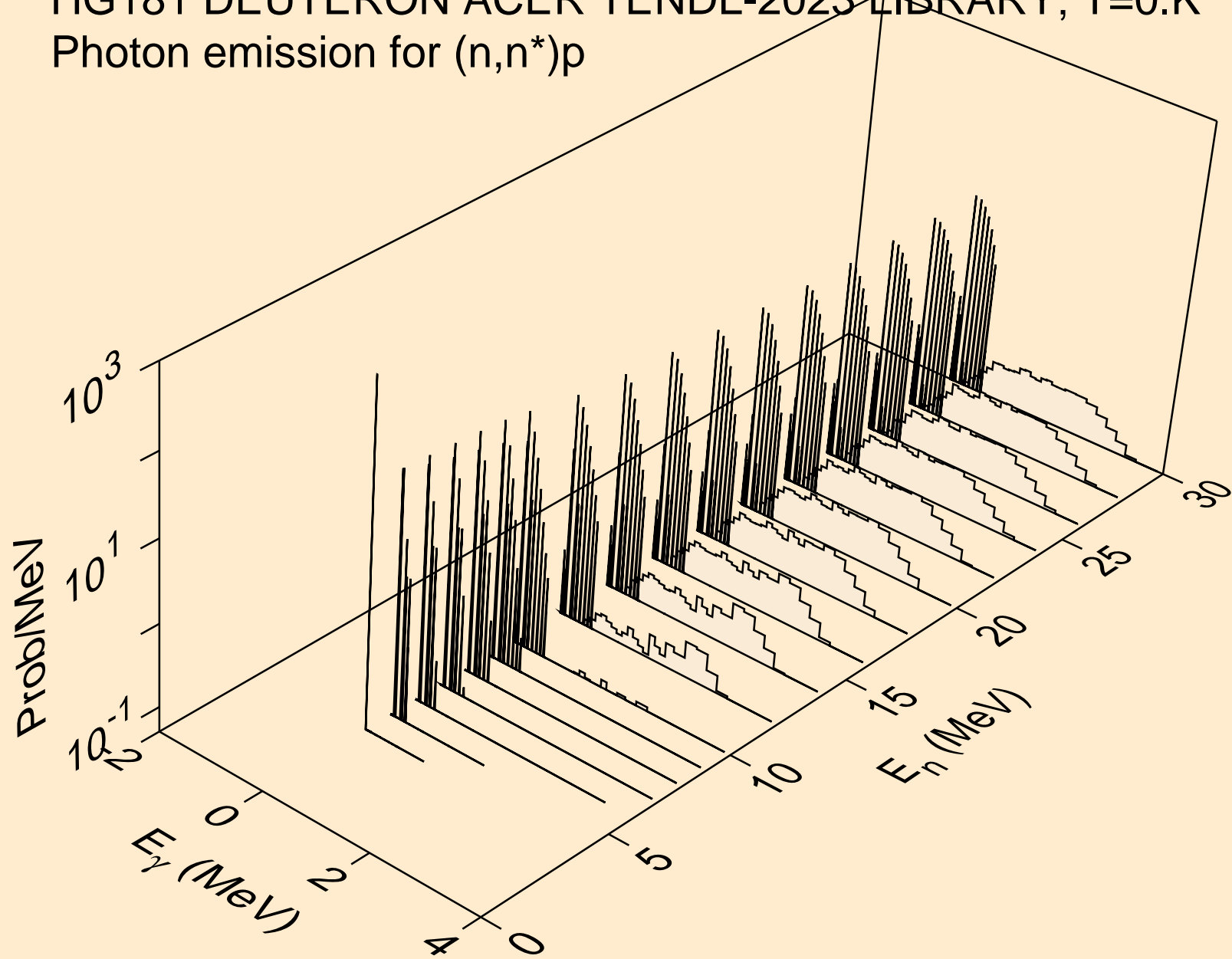




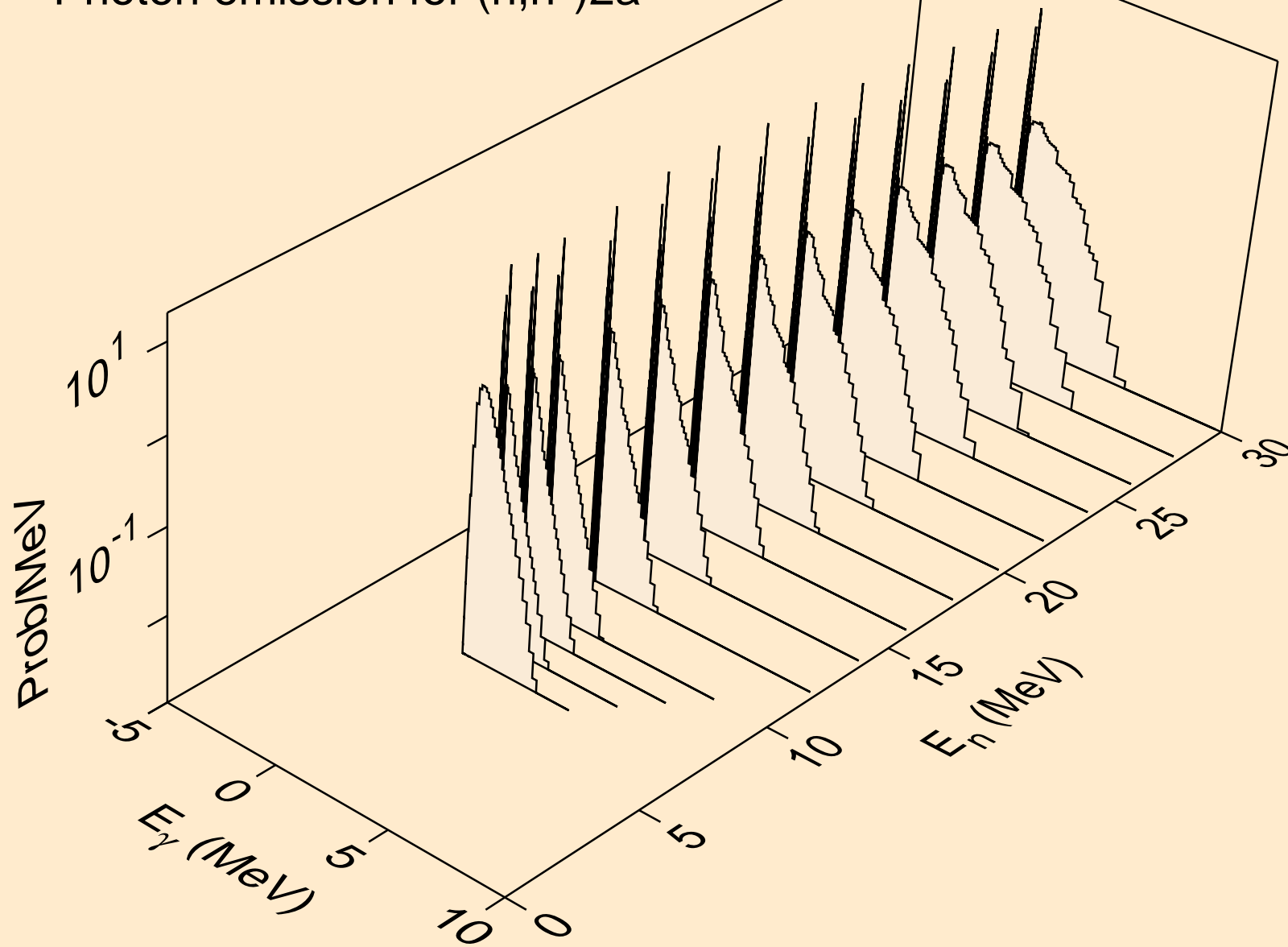
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



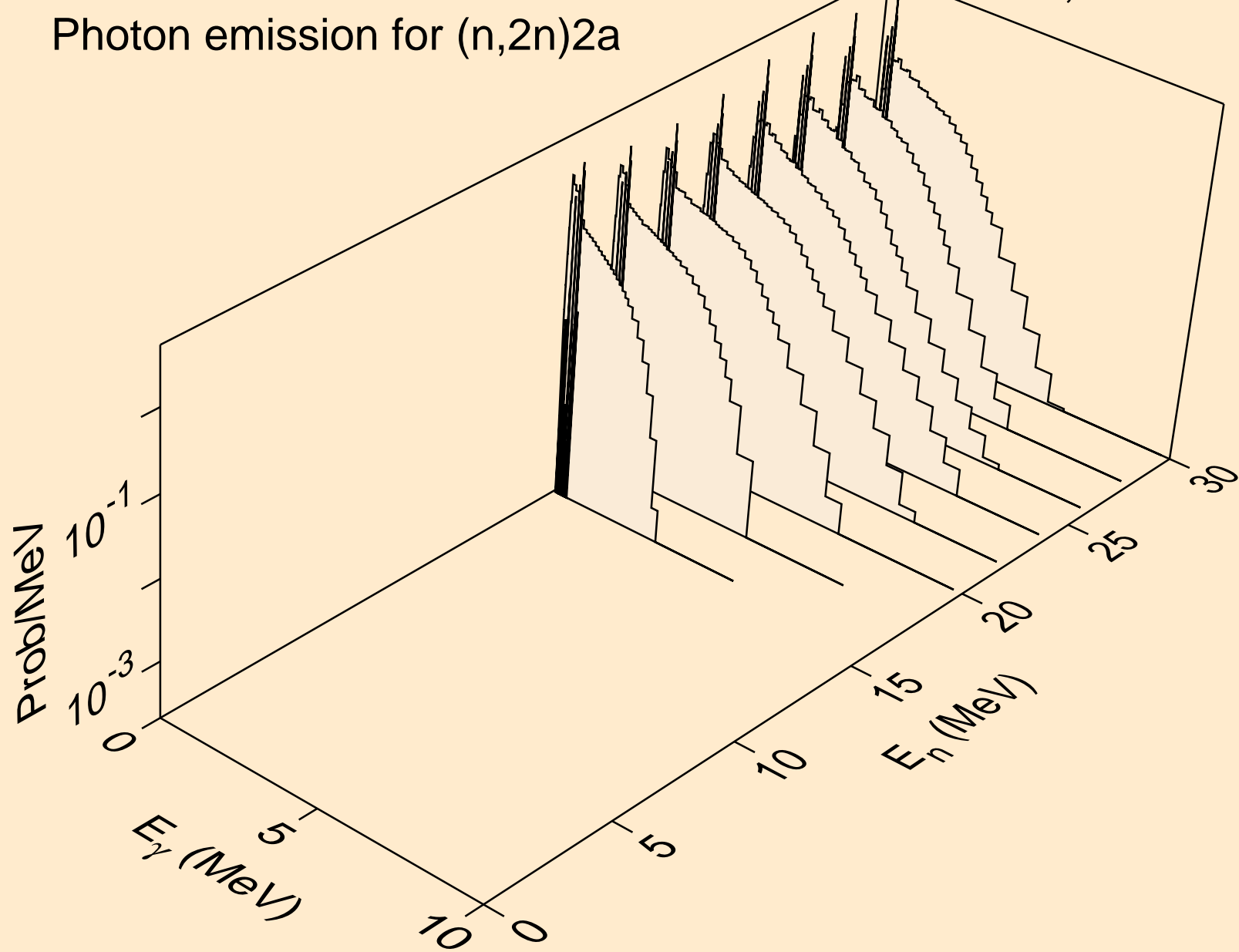
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



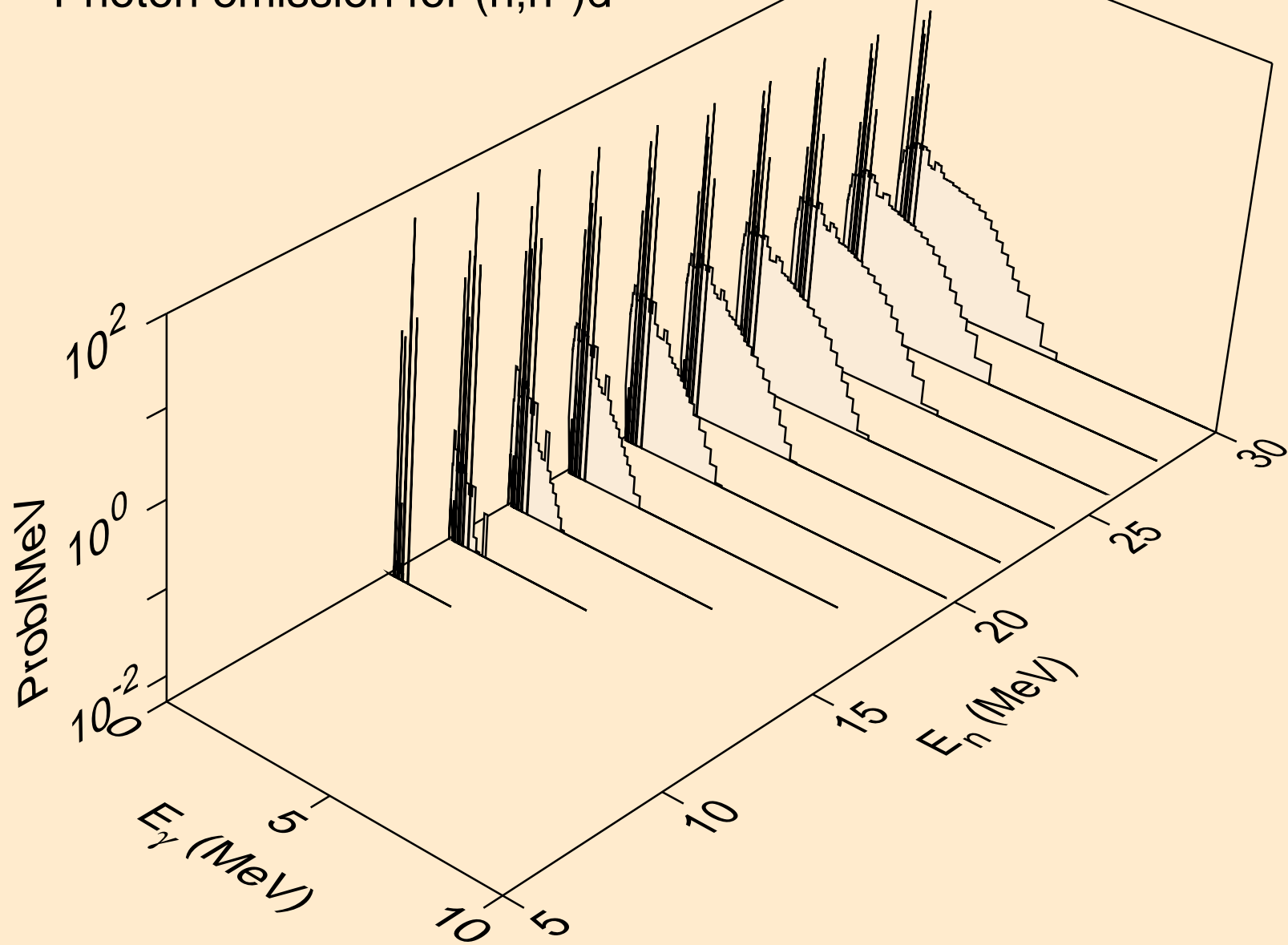
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Photon emission for (n,n\*)2a



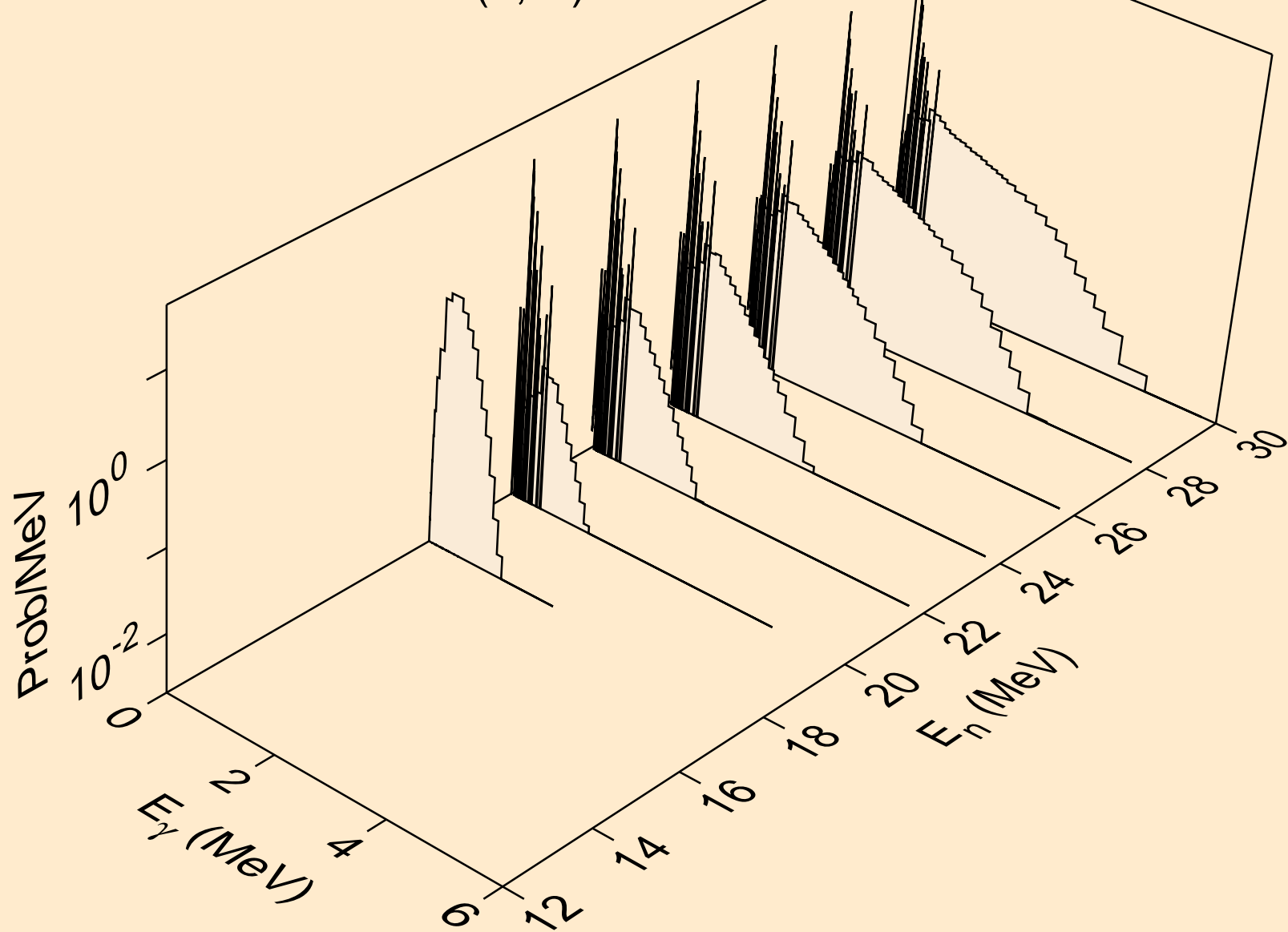
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



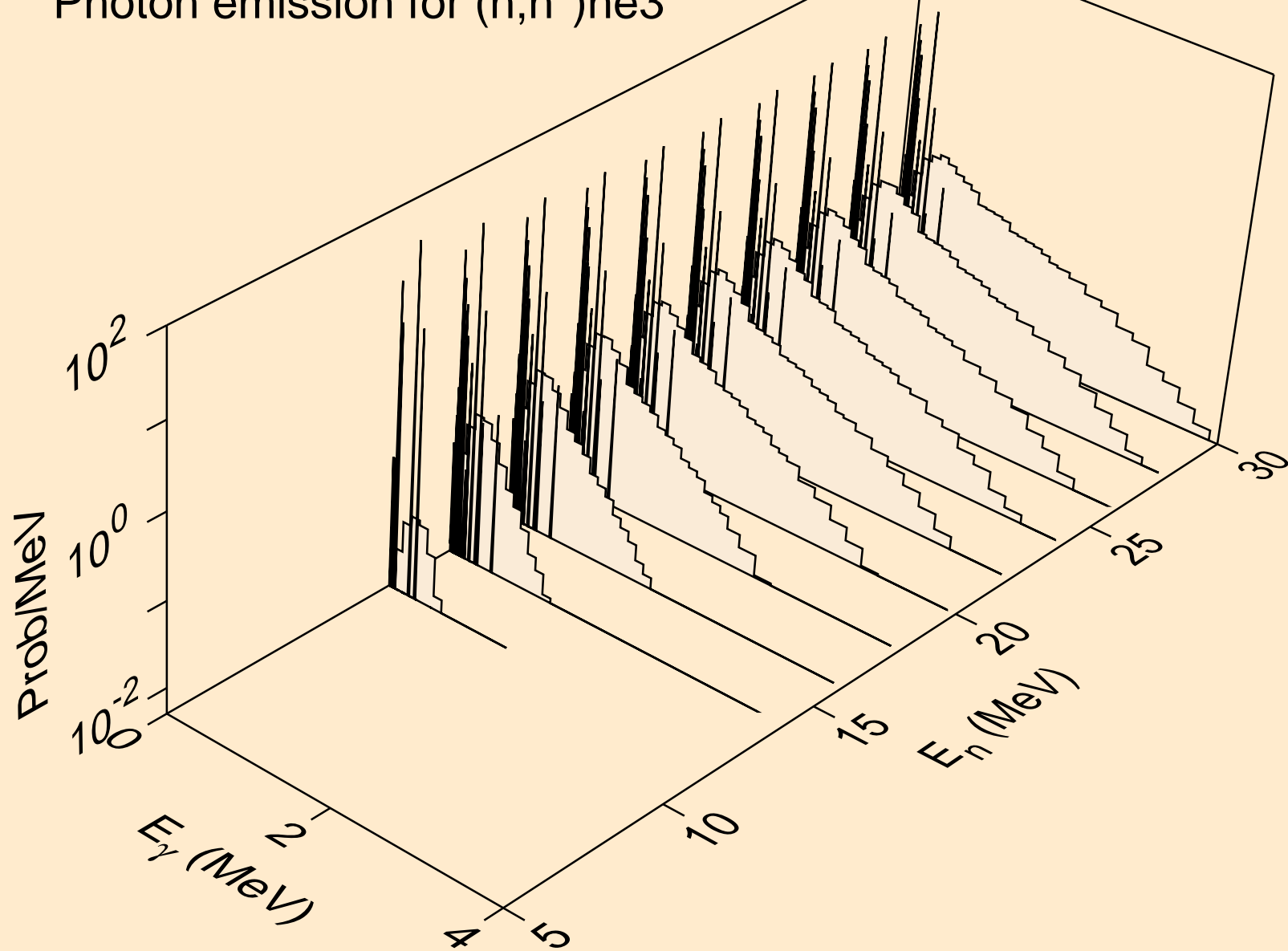
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



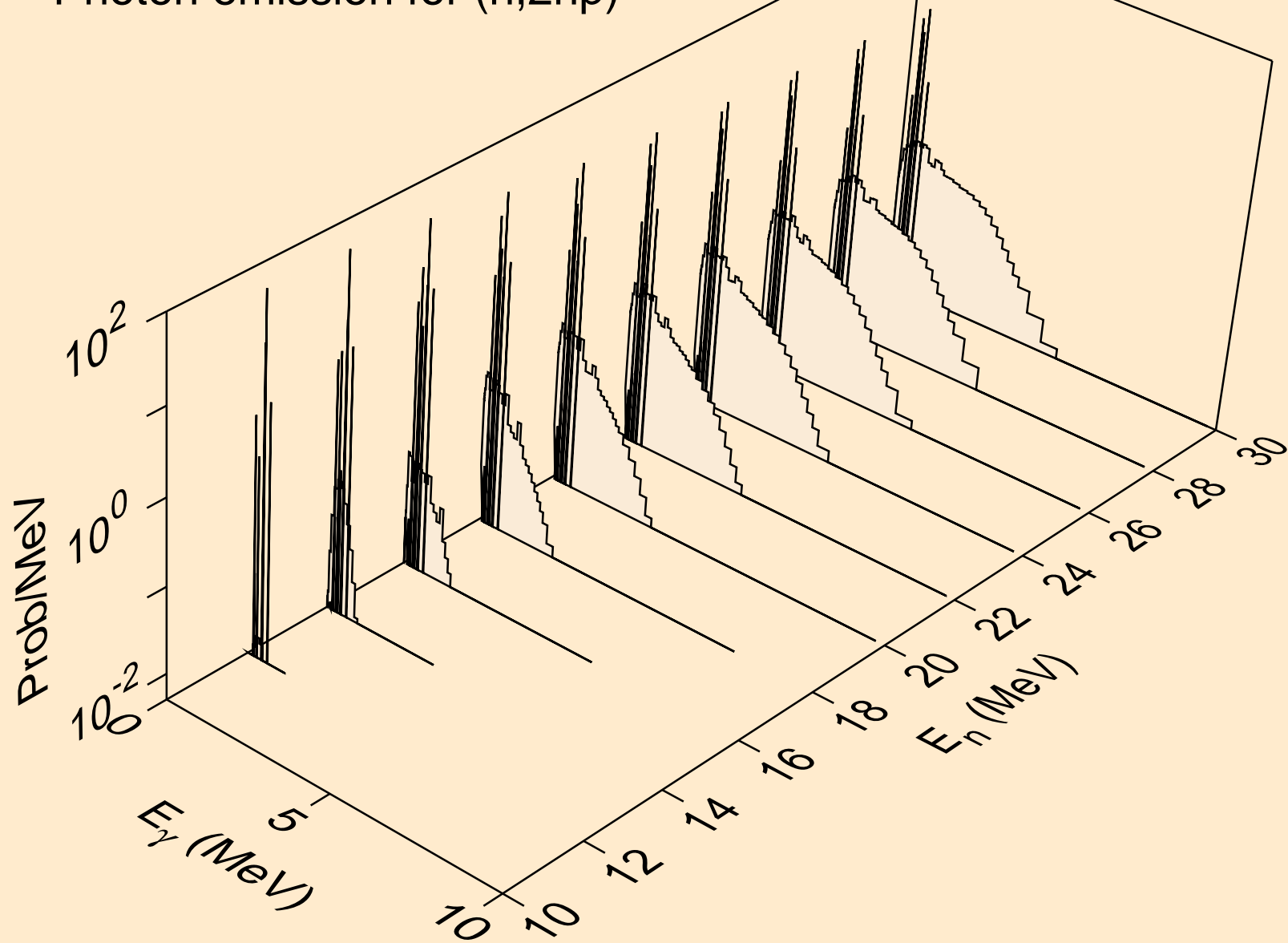
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

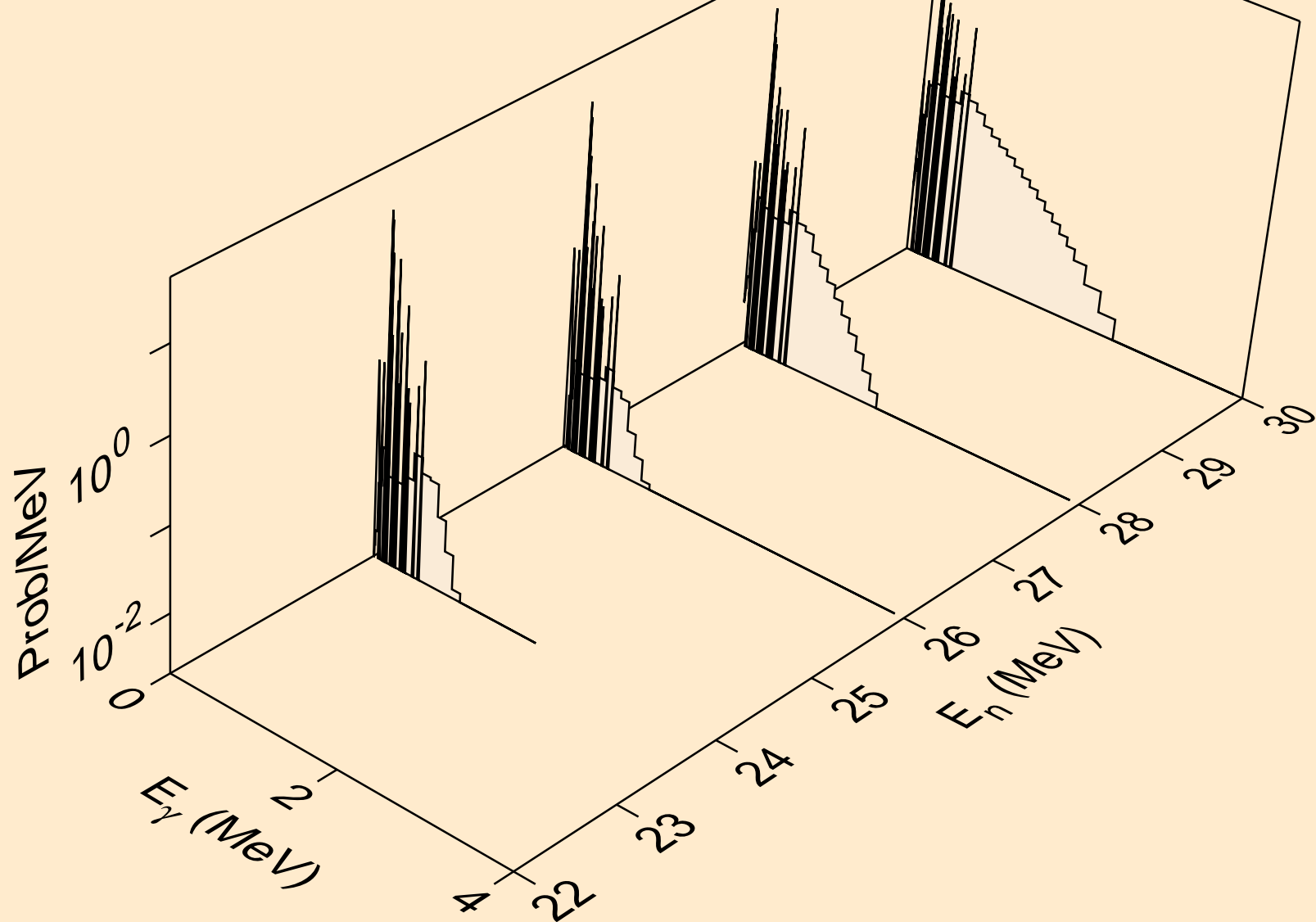


HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

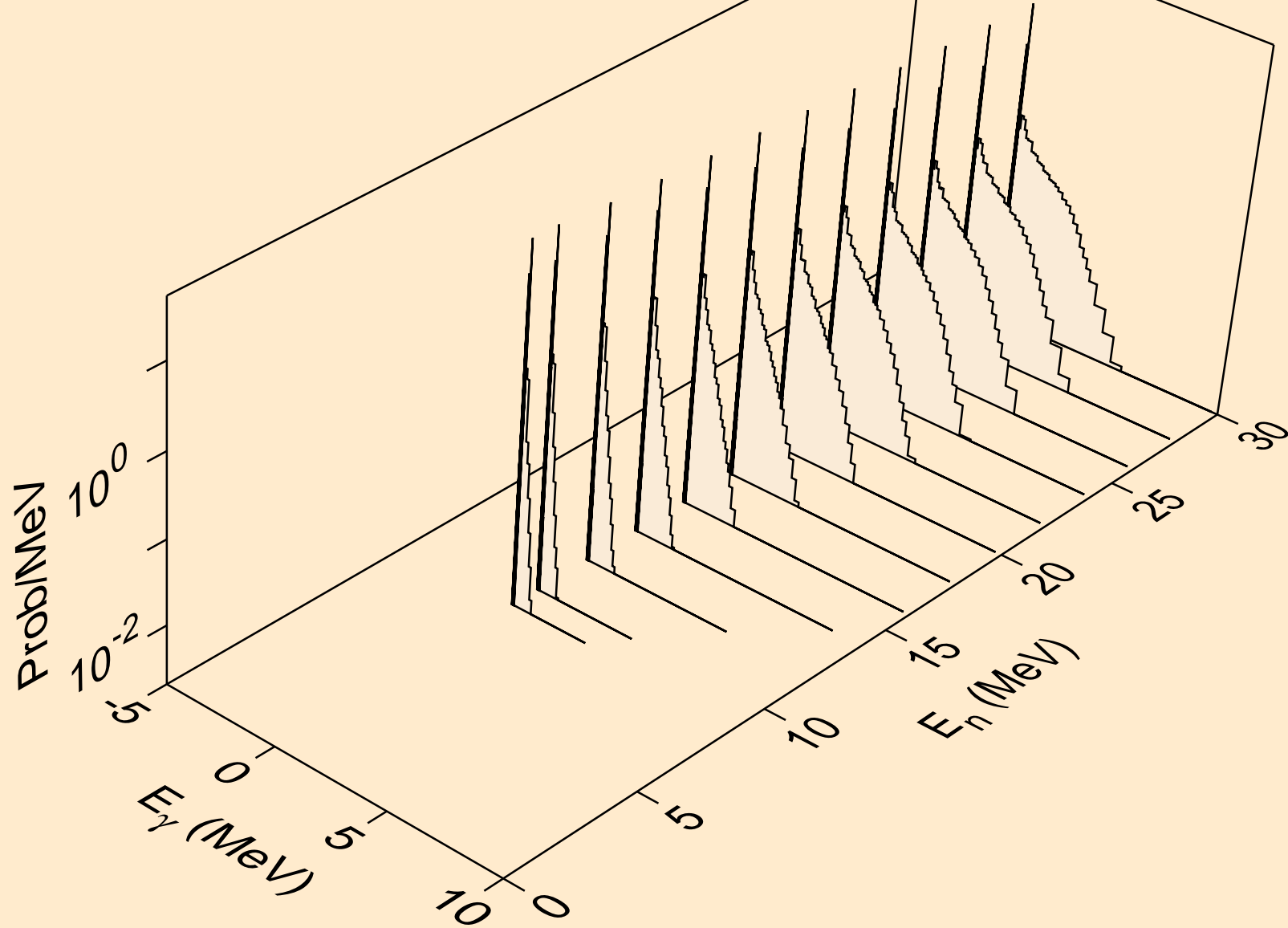




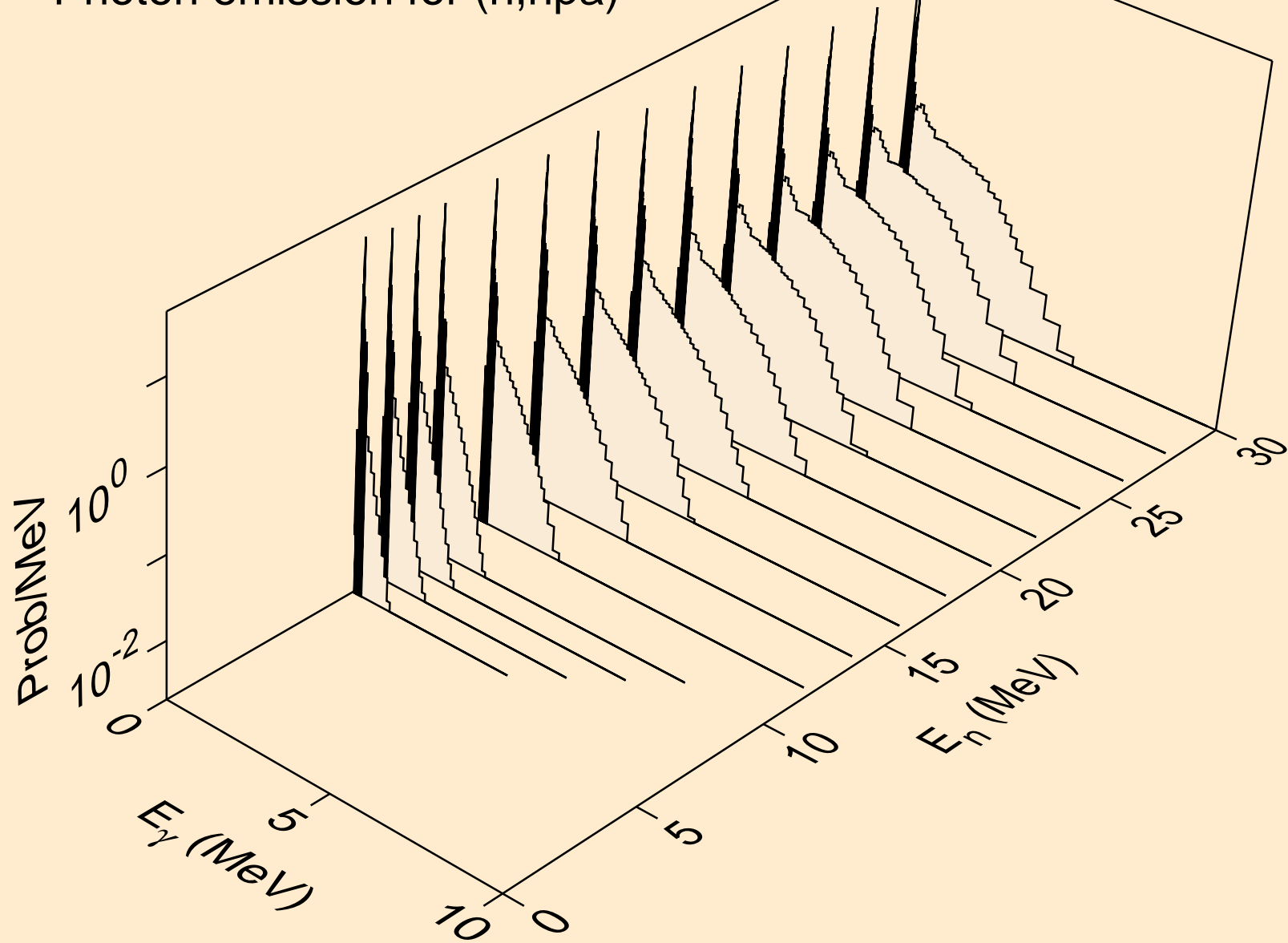
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Photon emission for (n,3np)



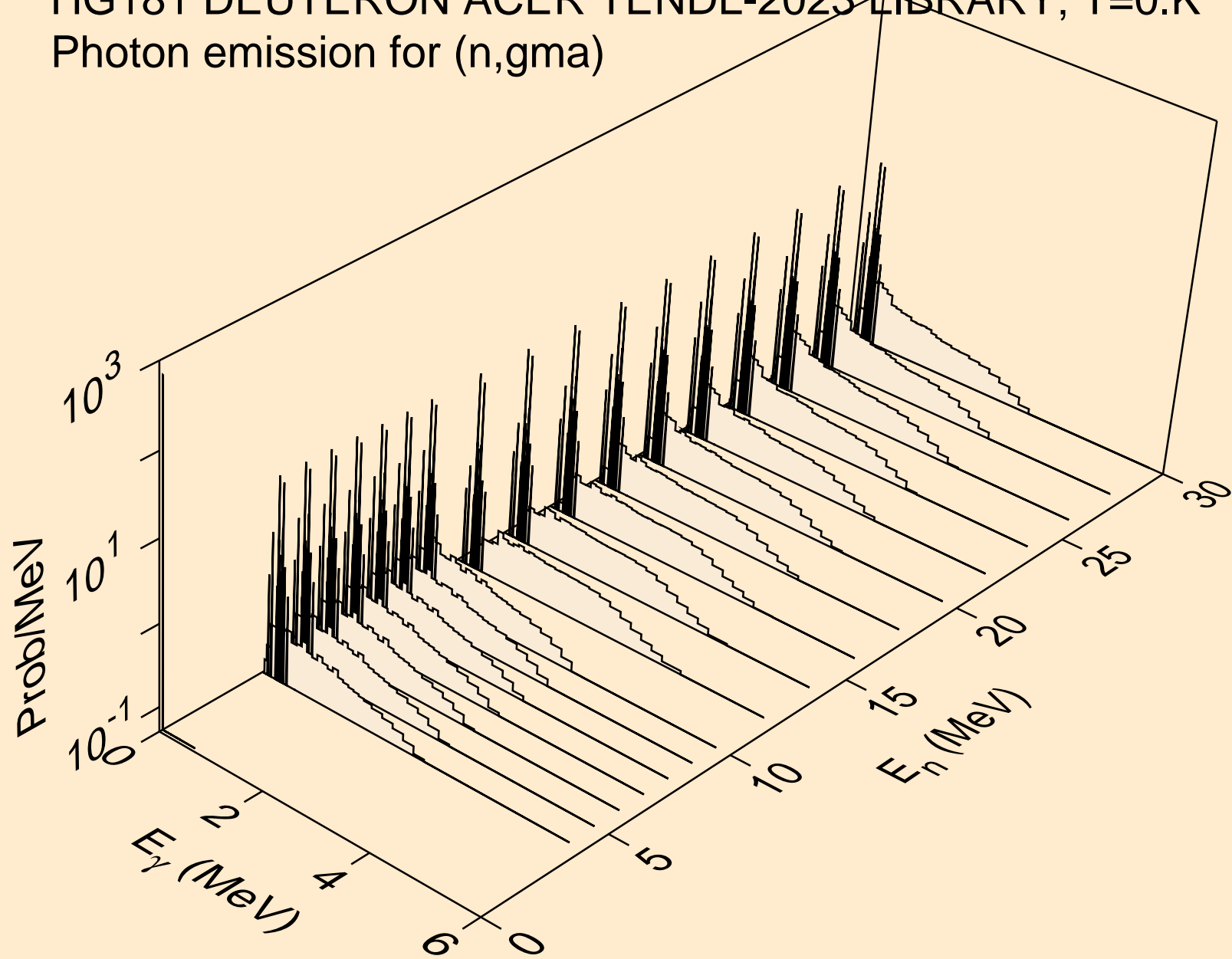
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



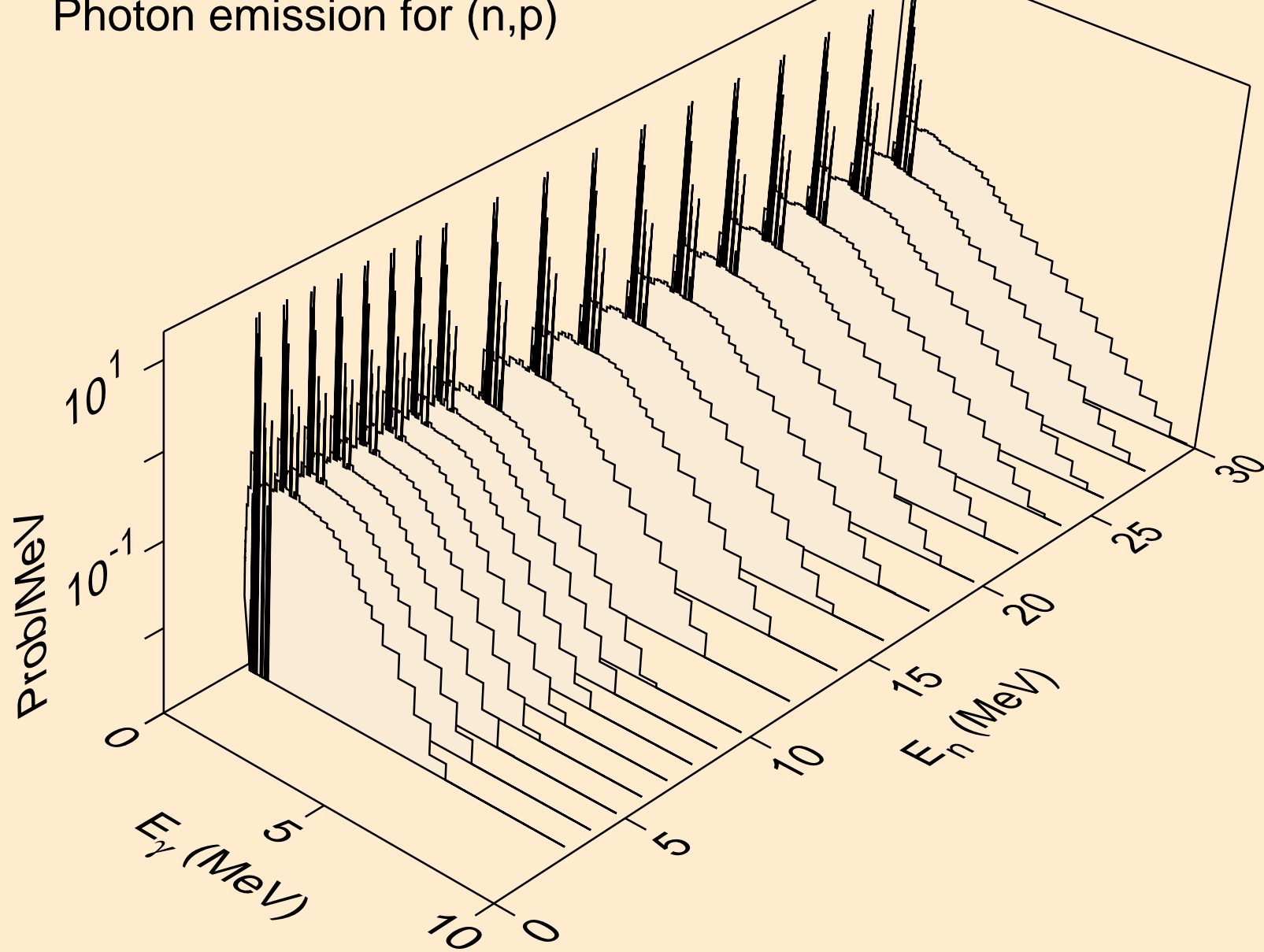
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



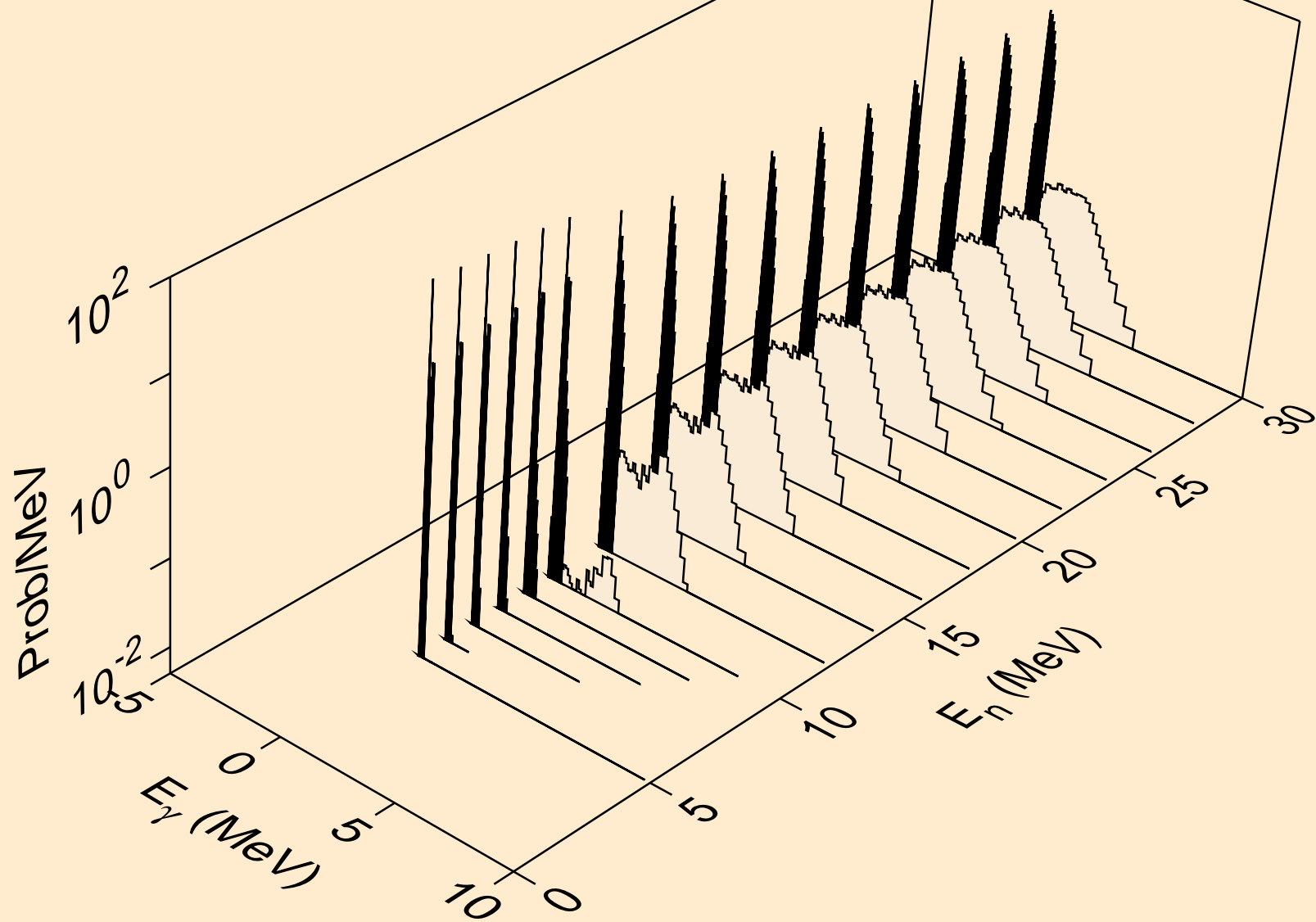
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



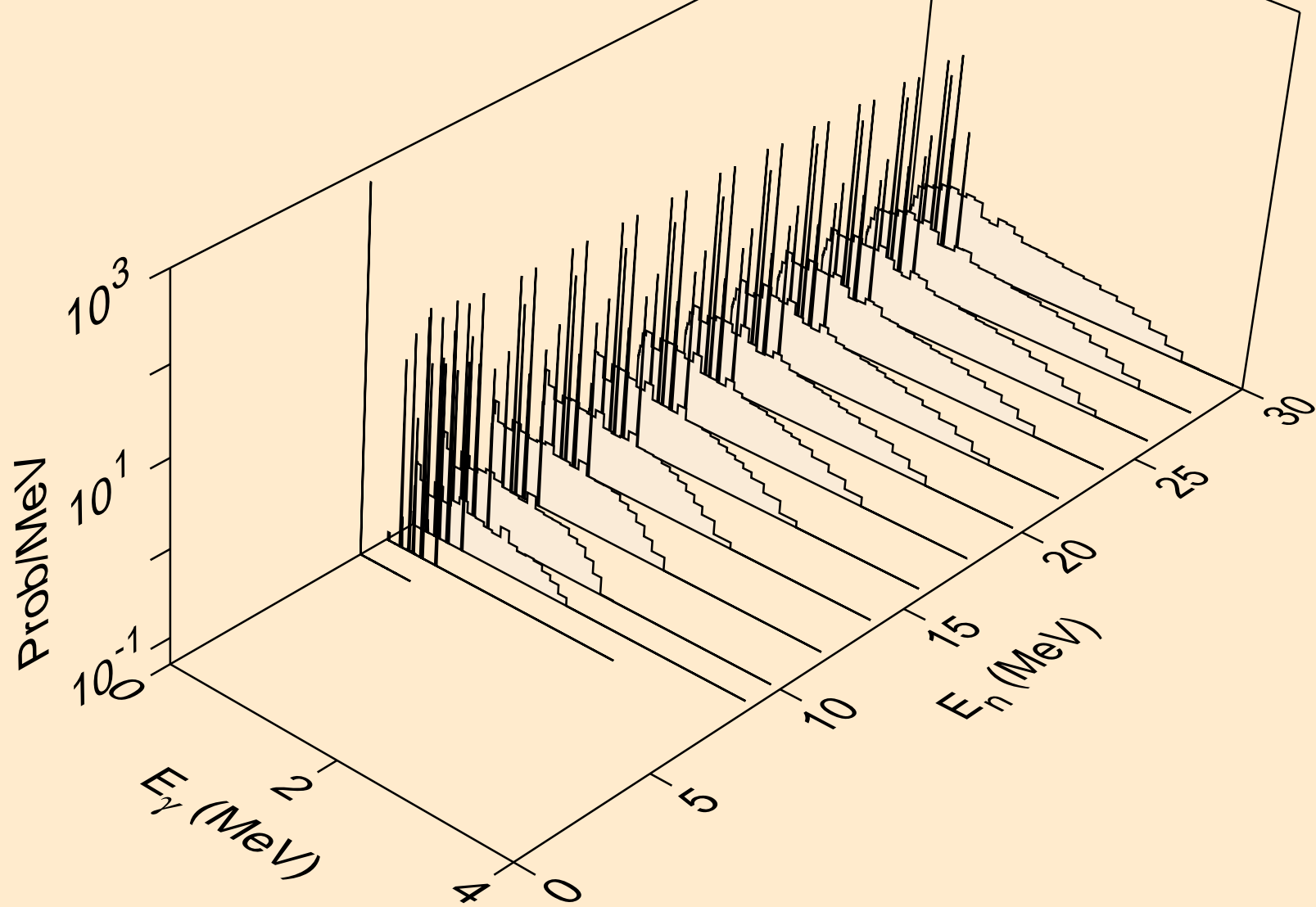
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



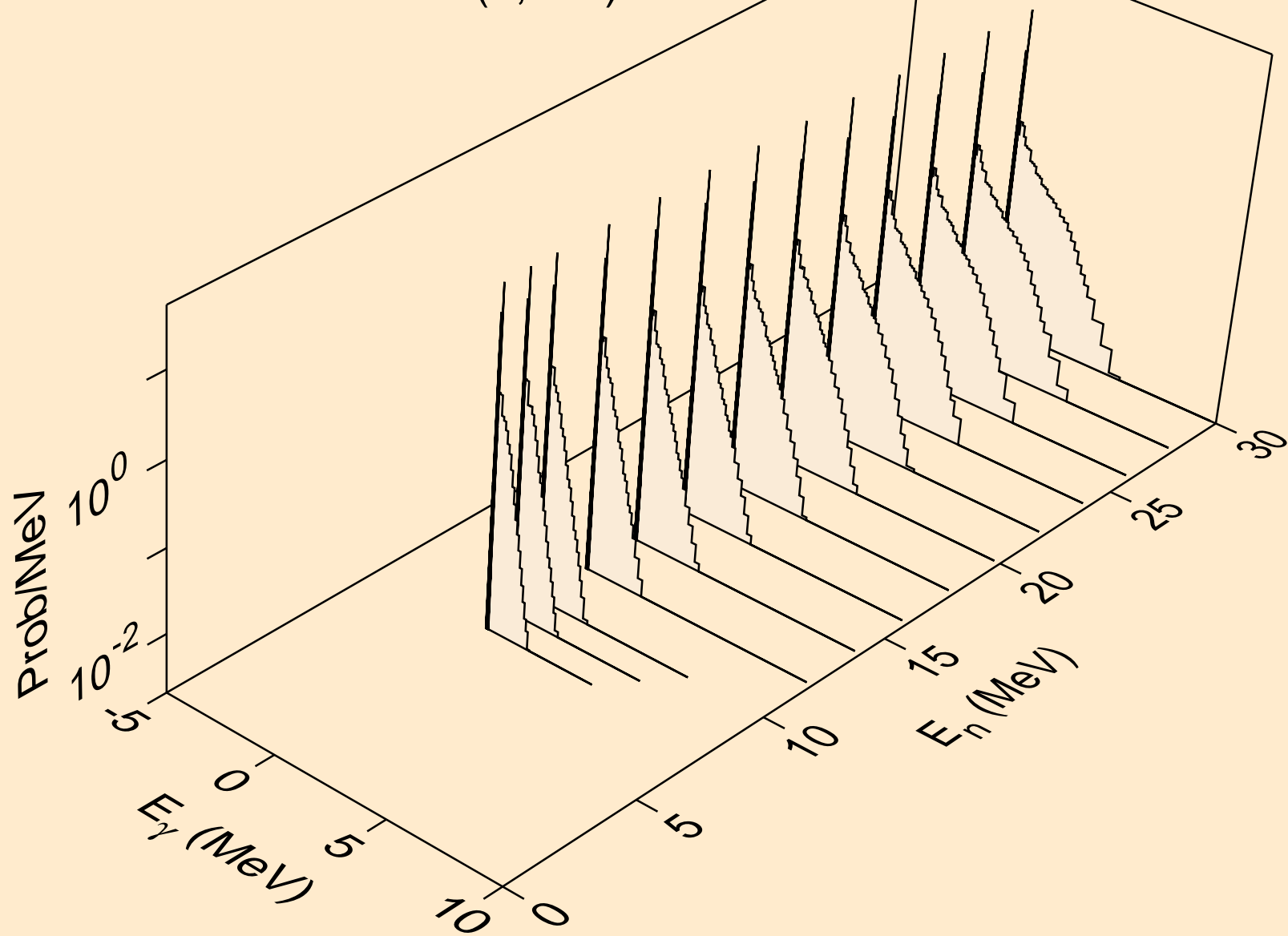
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

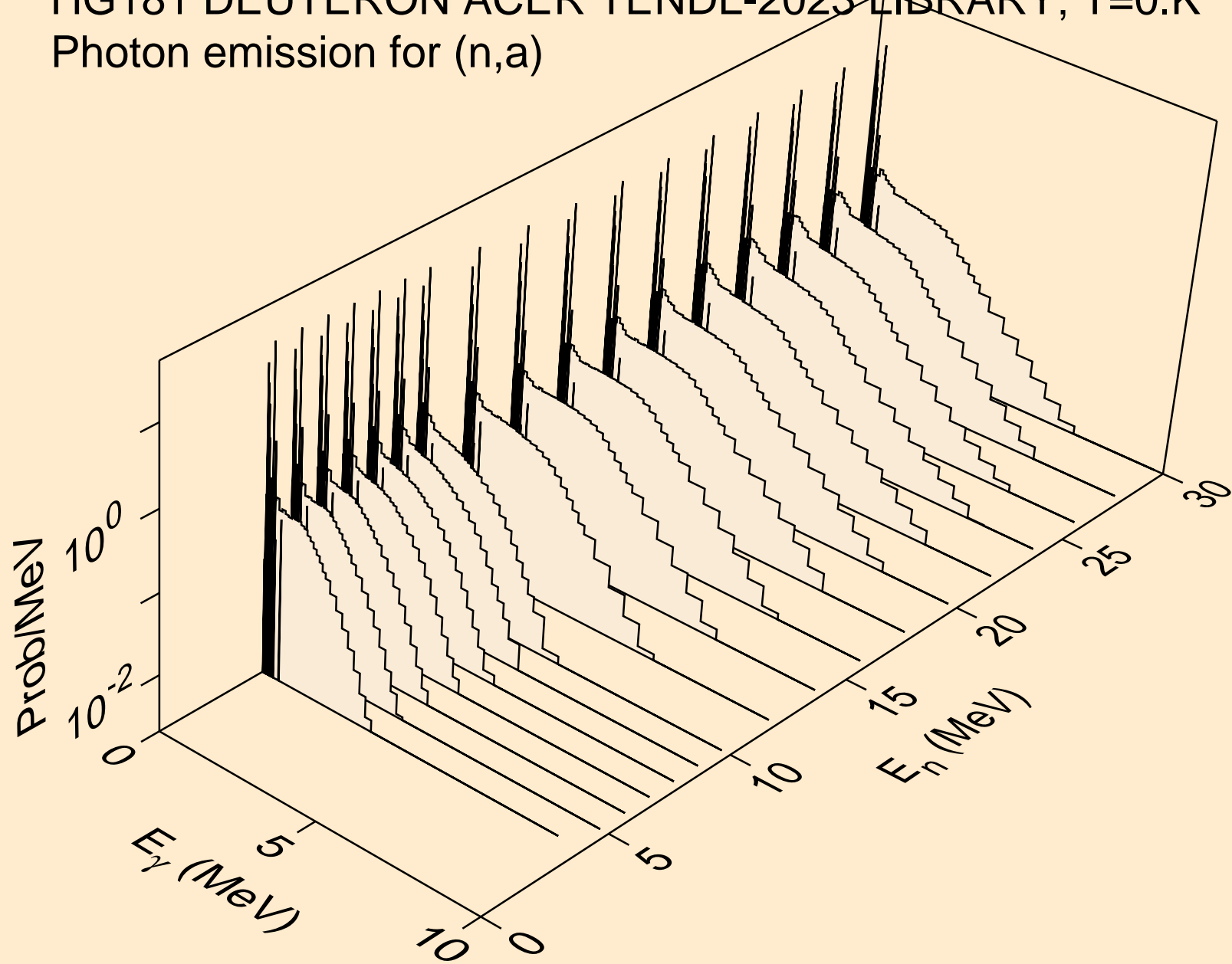


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Photon emission for (n,he3)

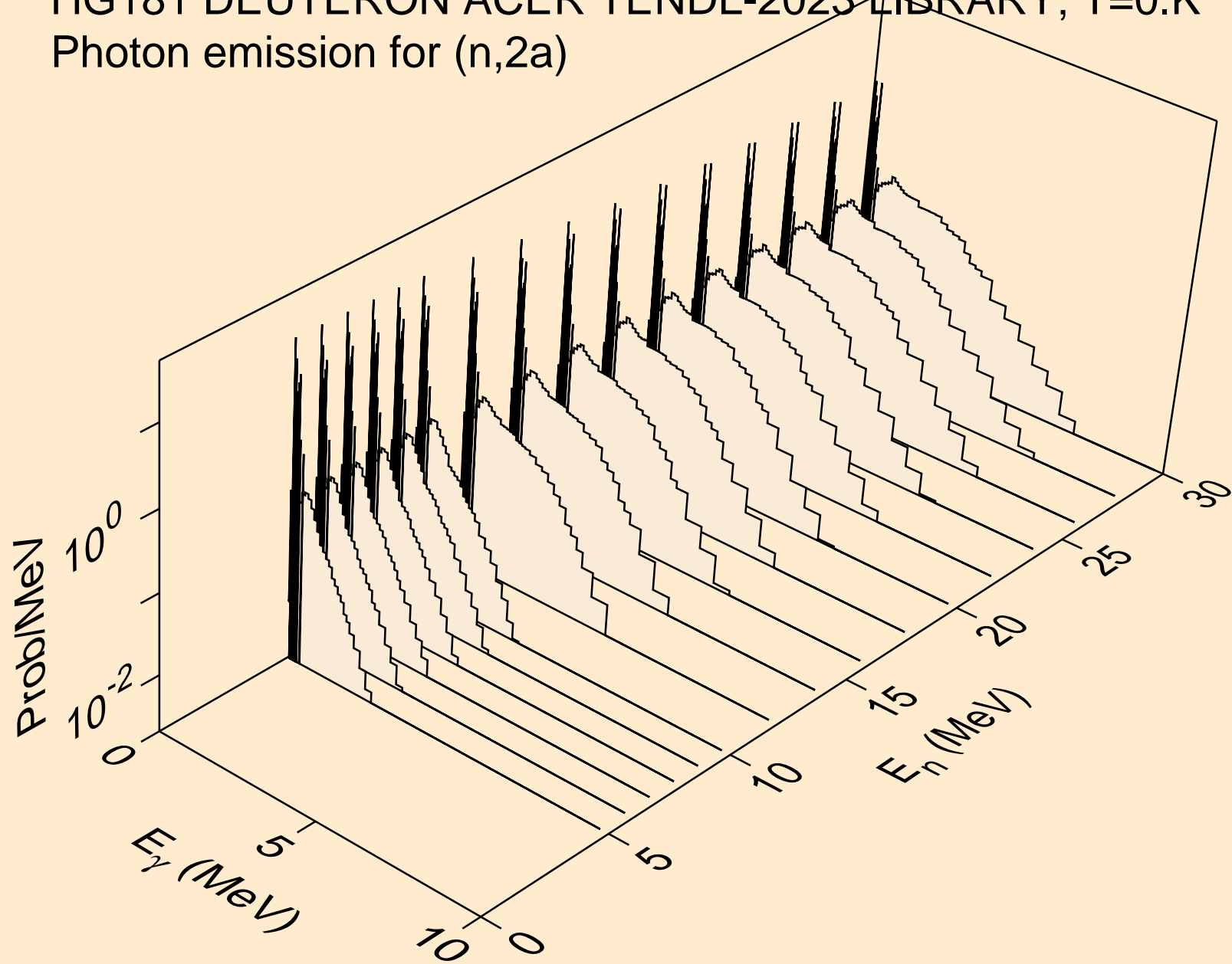




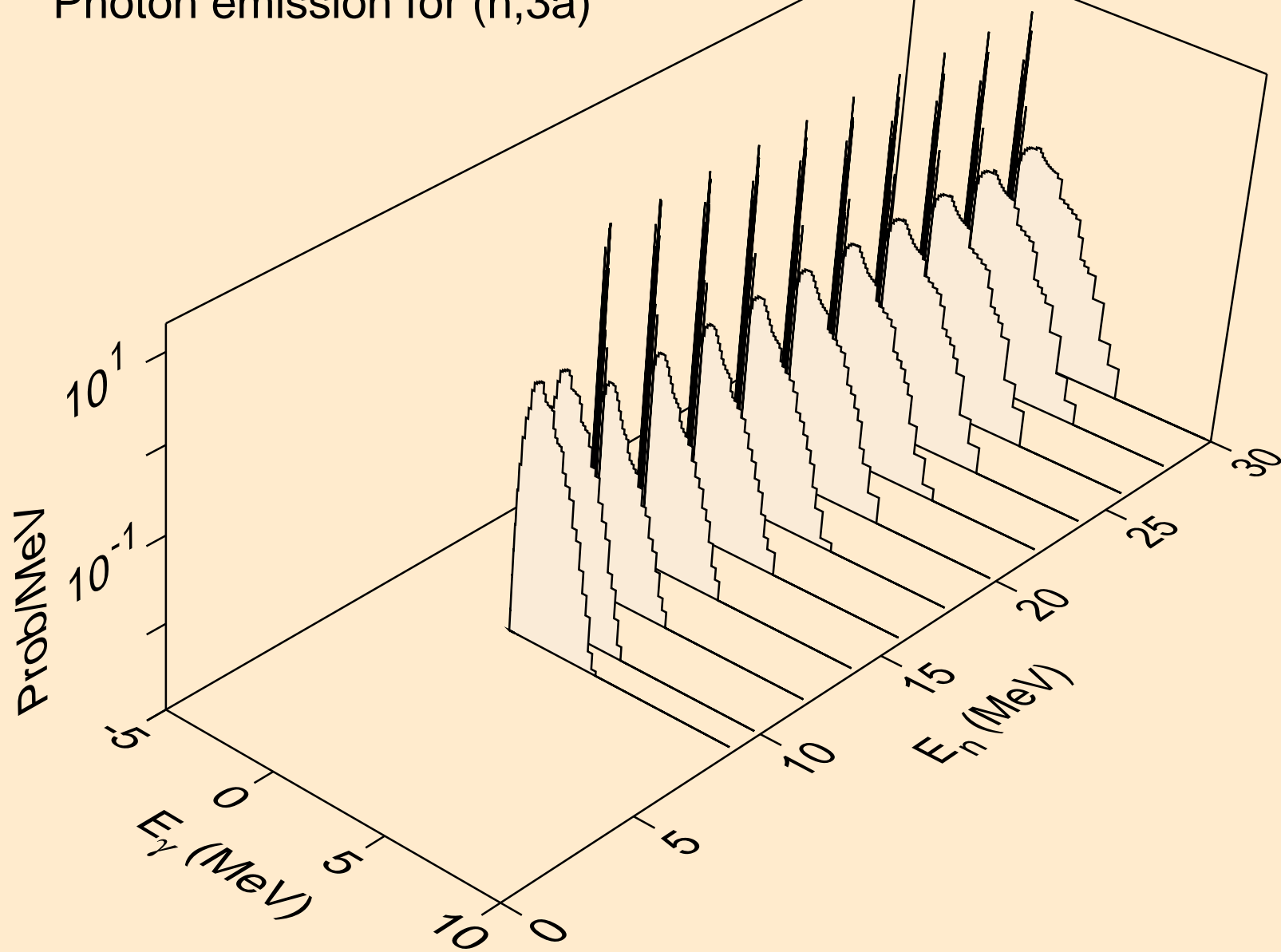
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Photon emission for (n,a)



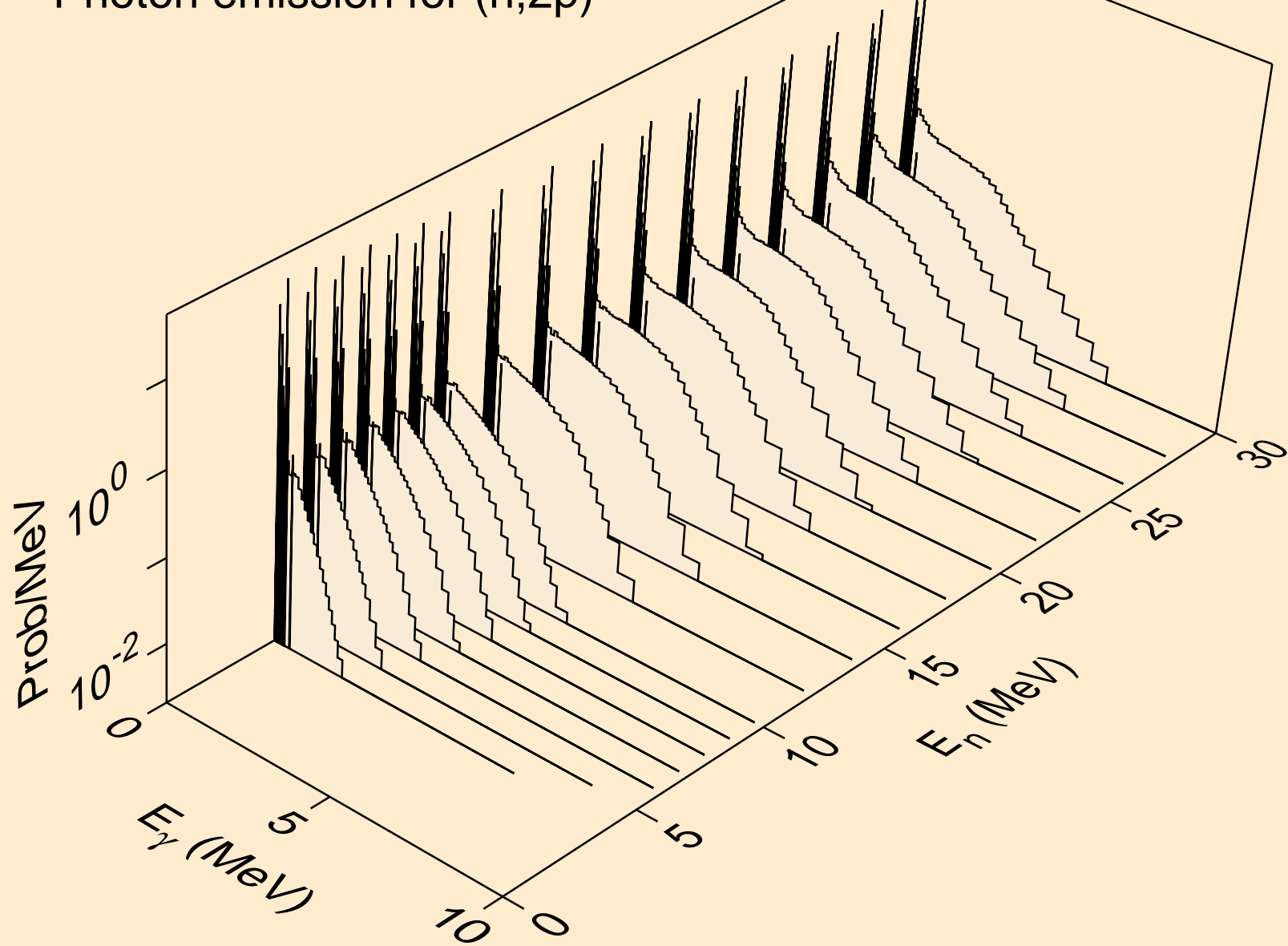
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Photon emission for (n,2a)



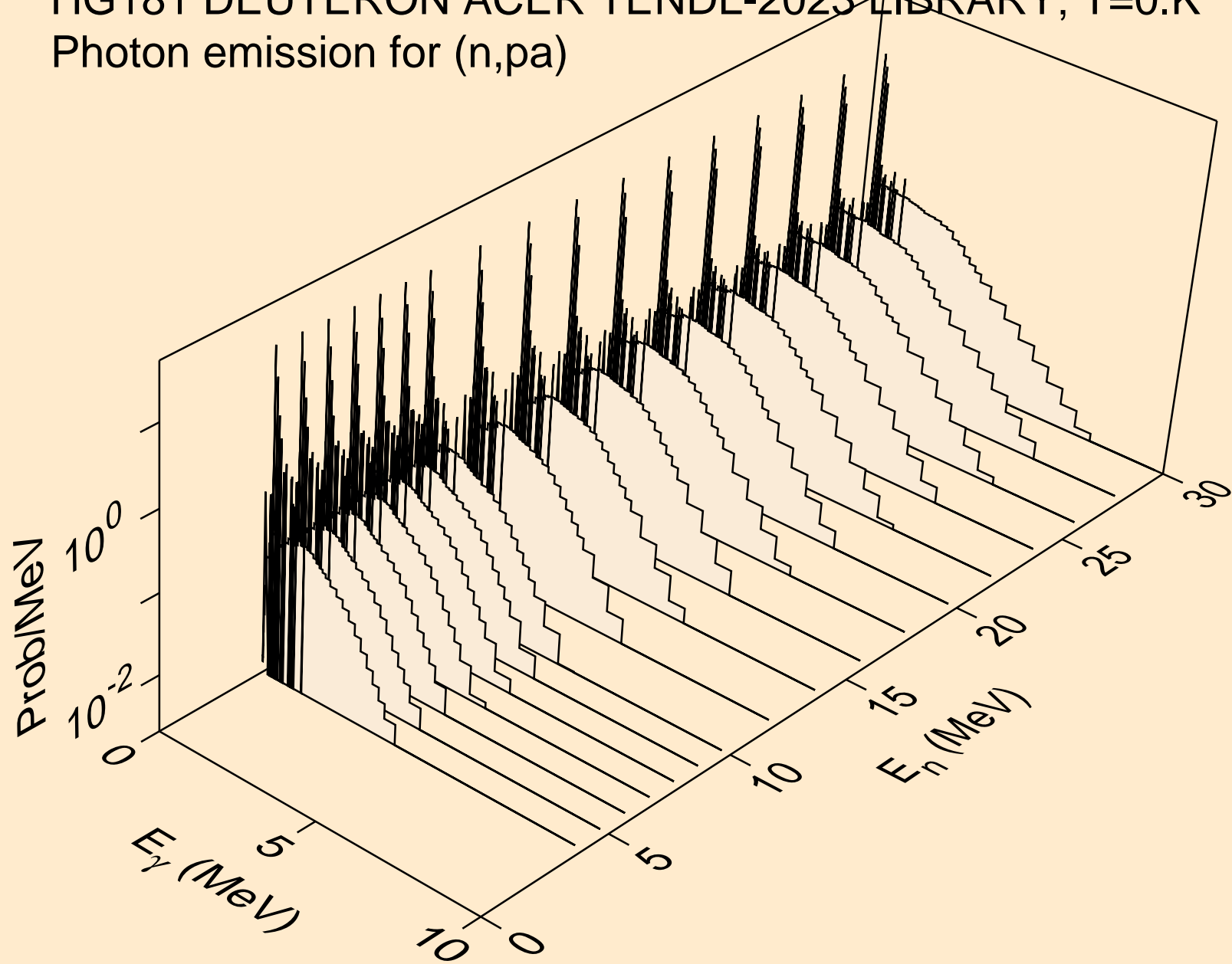
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Photon emission for (n,3a)



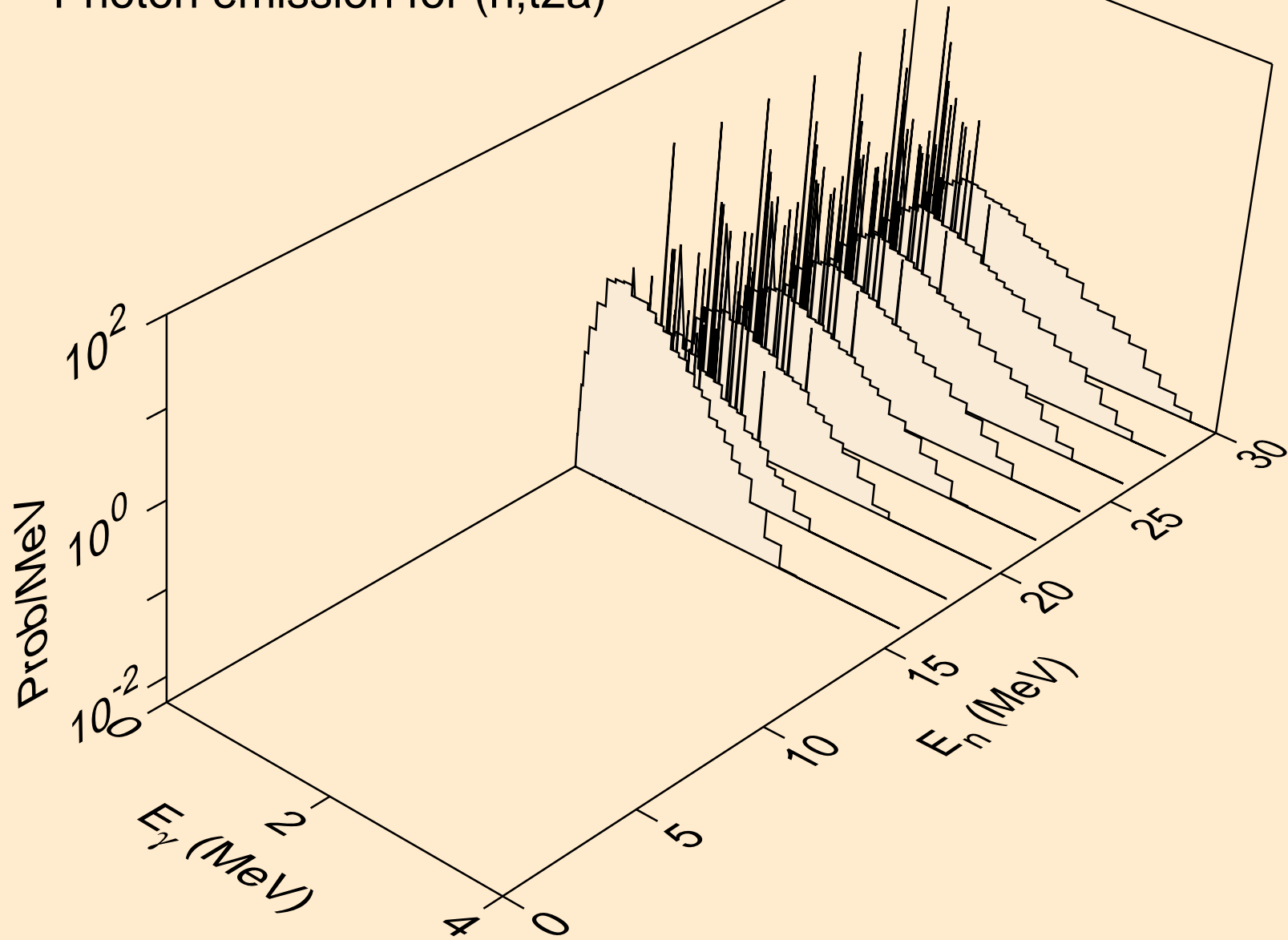
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Photon emission for (n,2p)



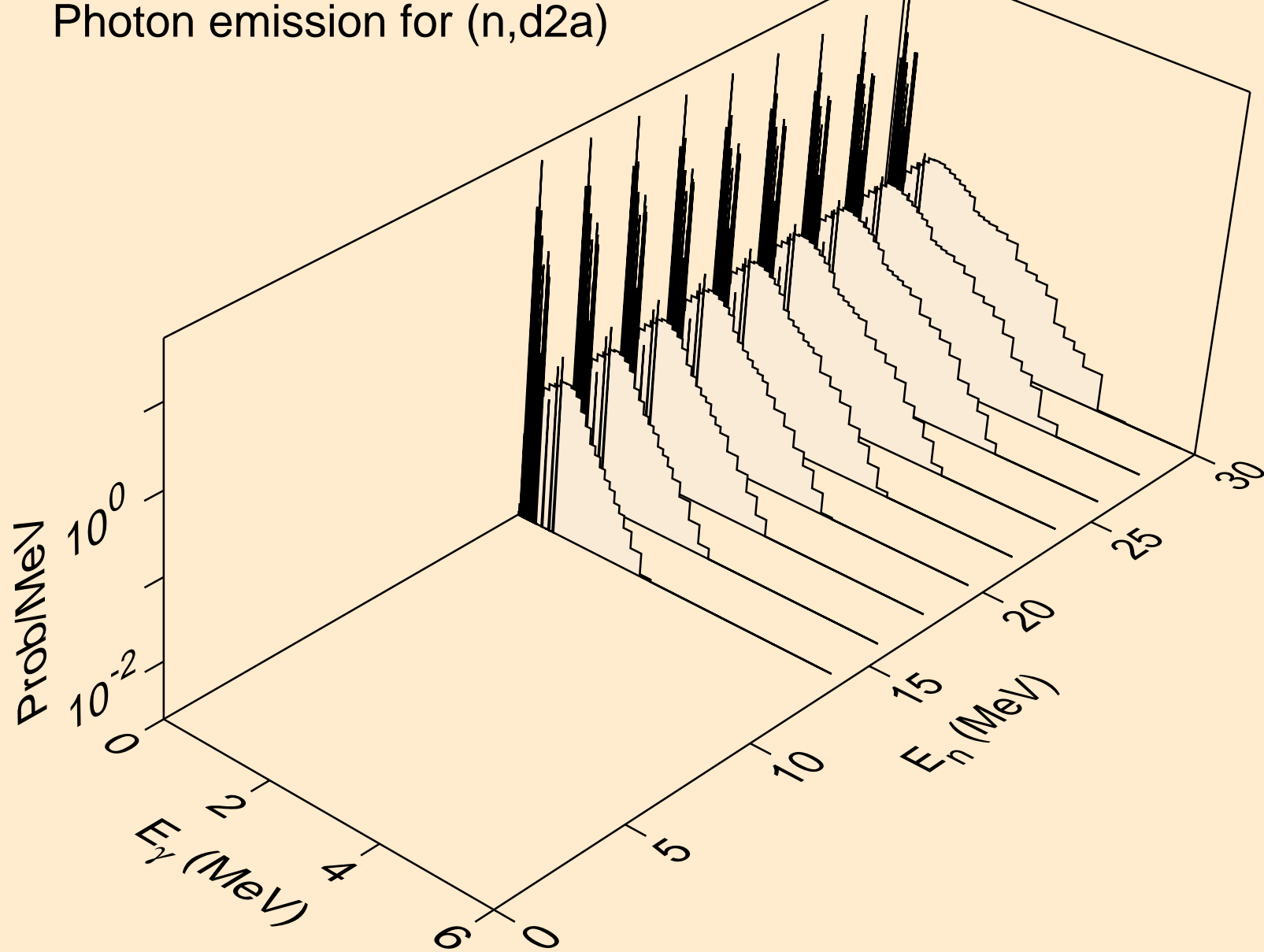
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Photon emission for (n,p)



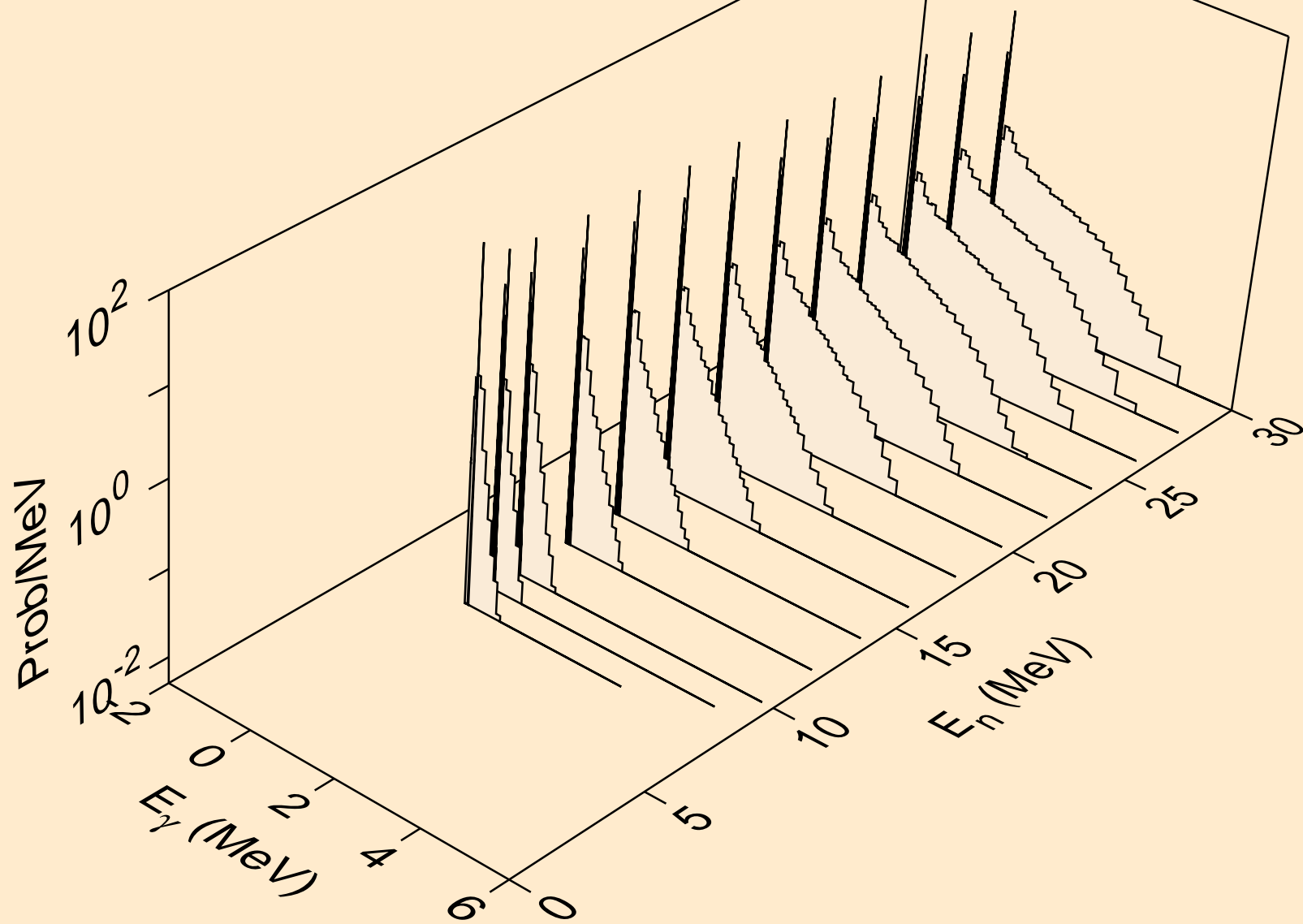
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t2a)



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)

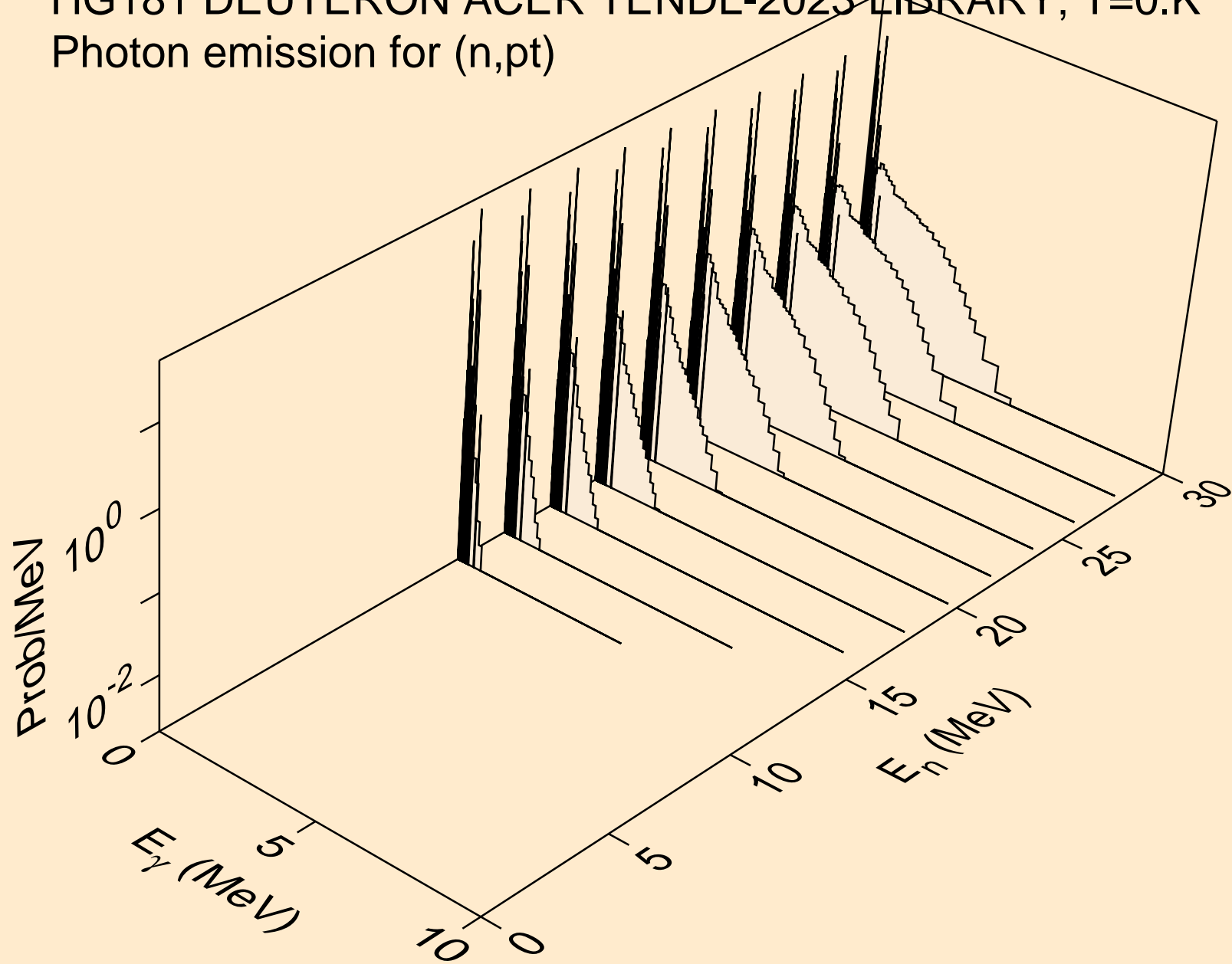


HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

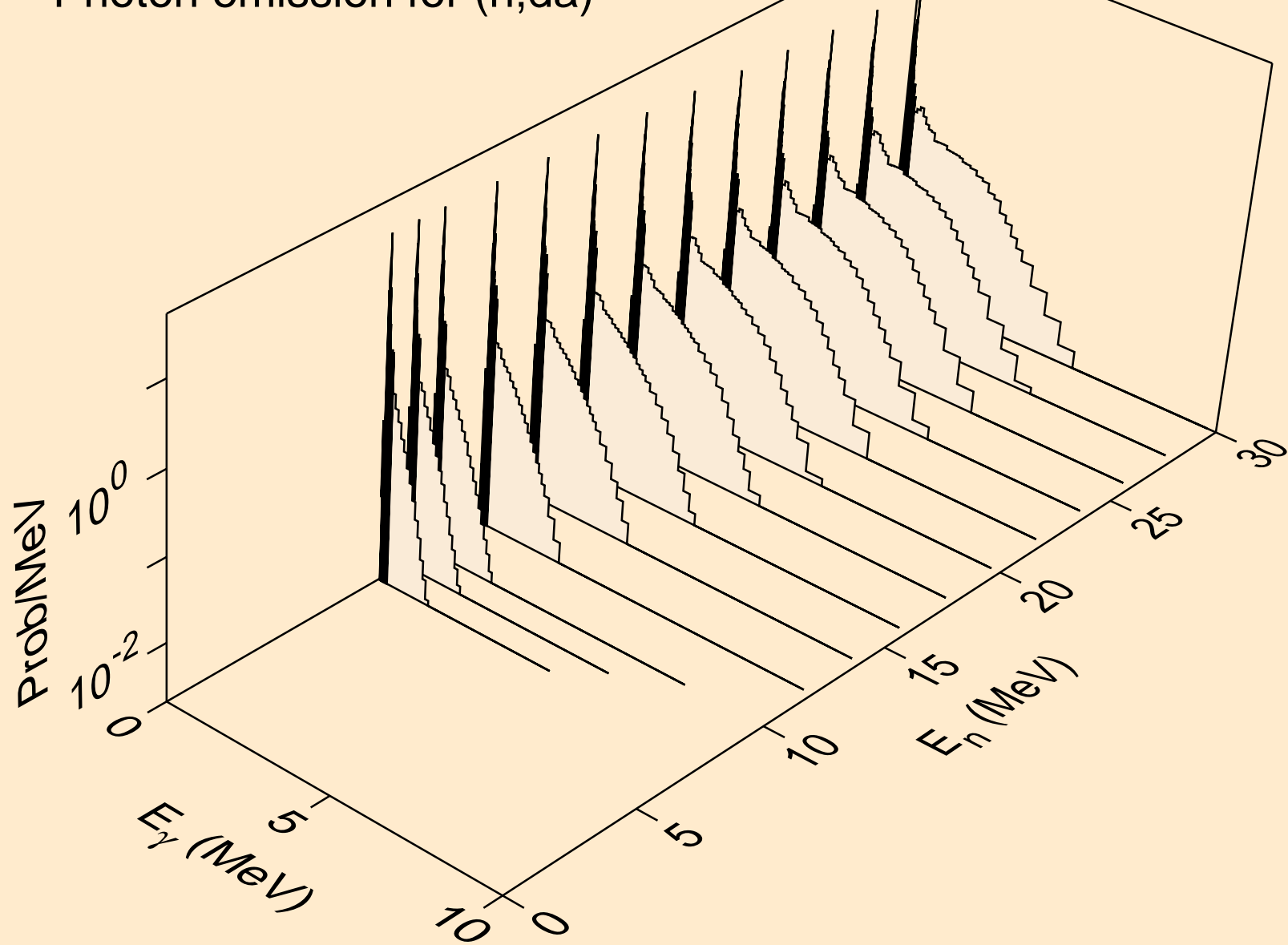




HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

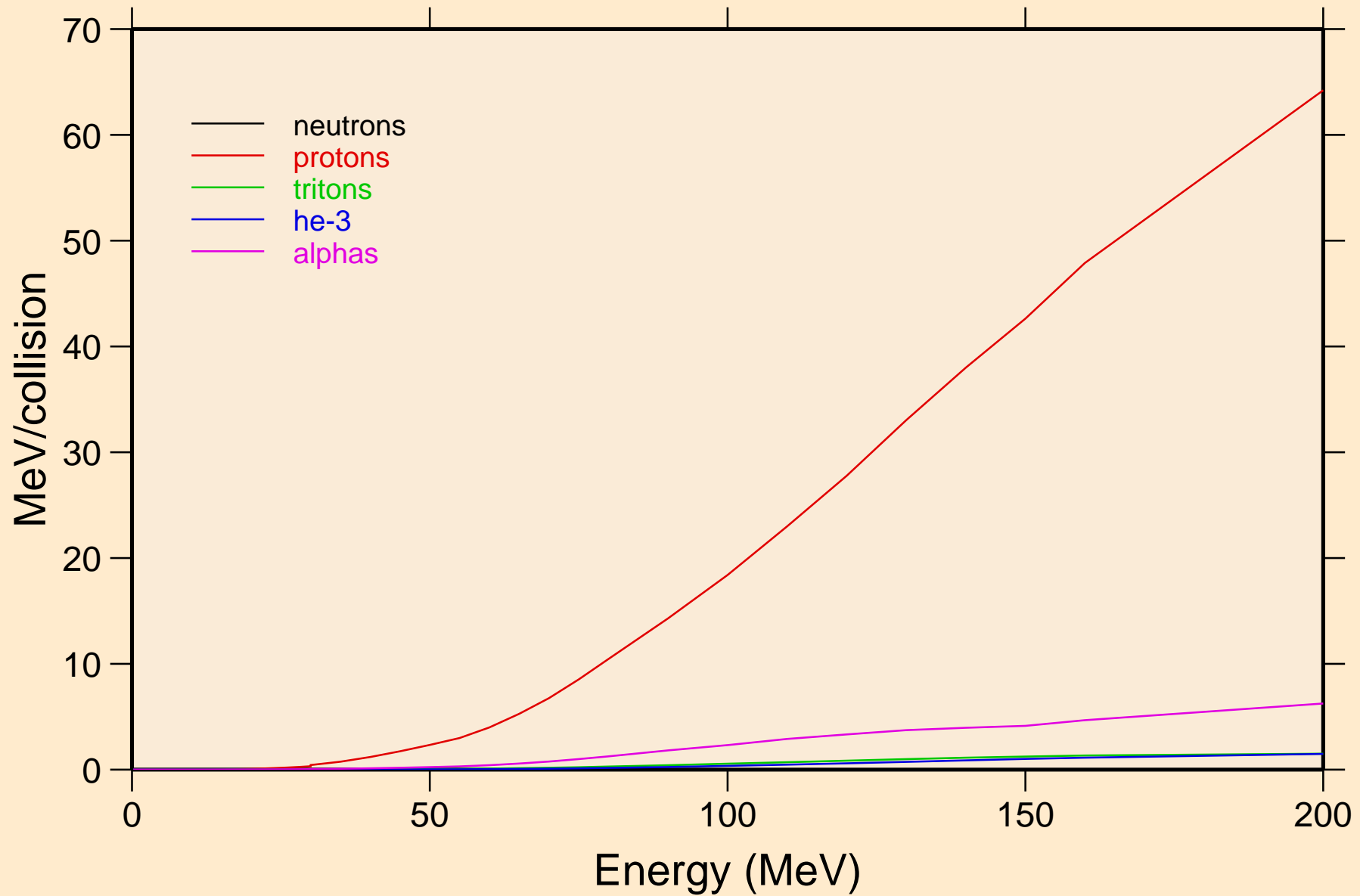


HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

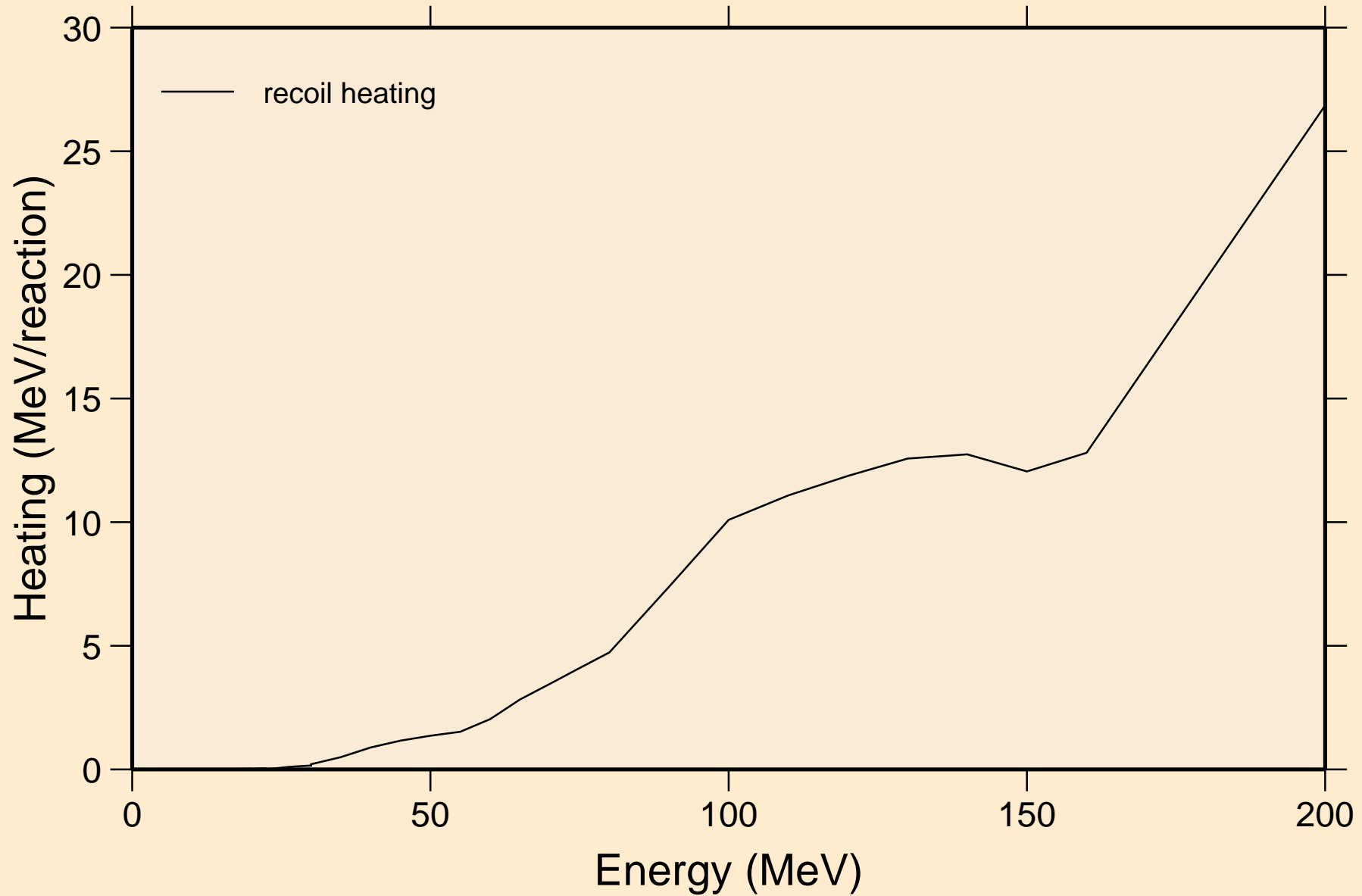


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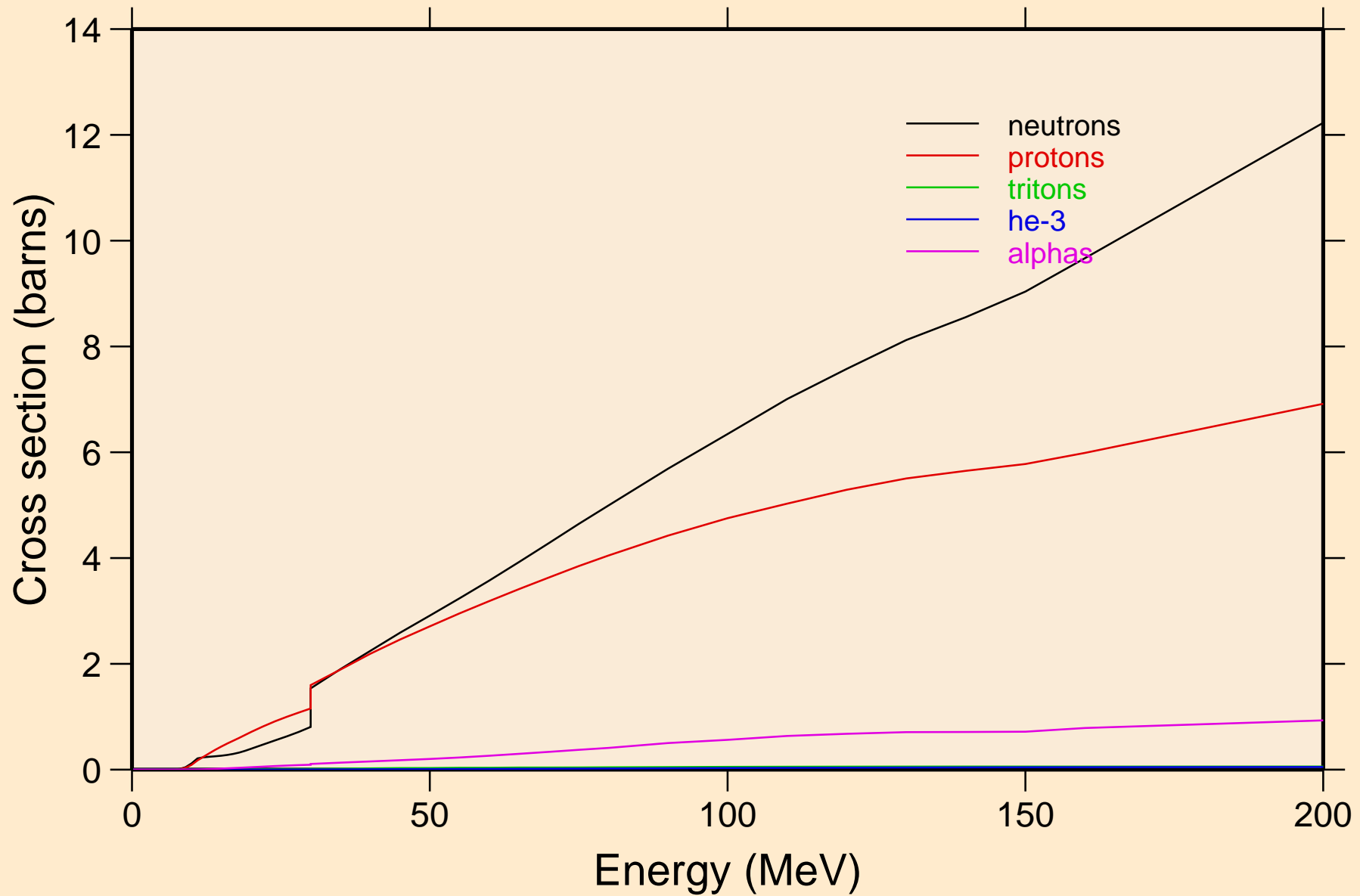
## Particle heating contributions



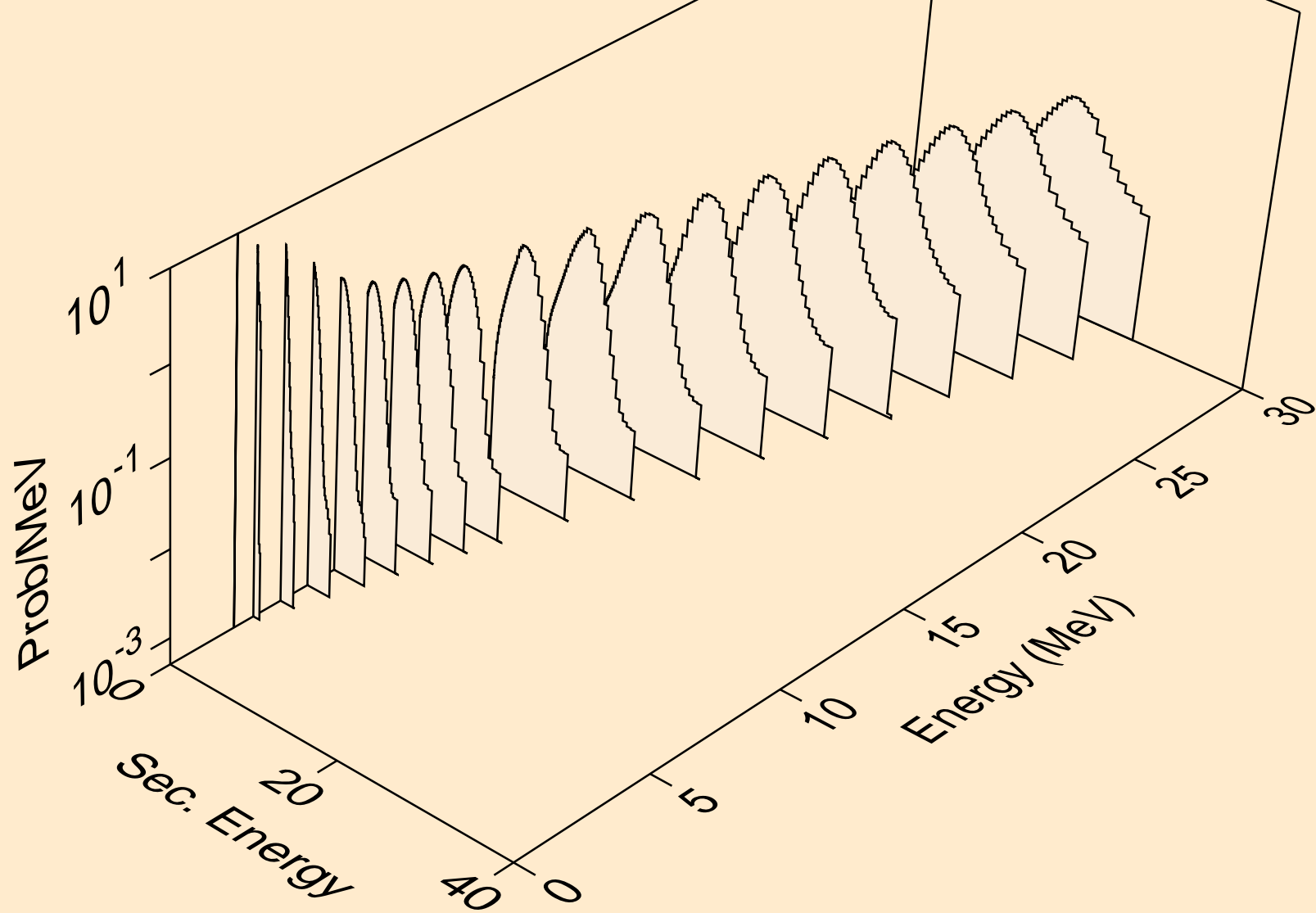
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



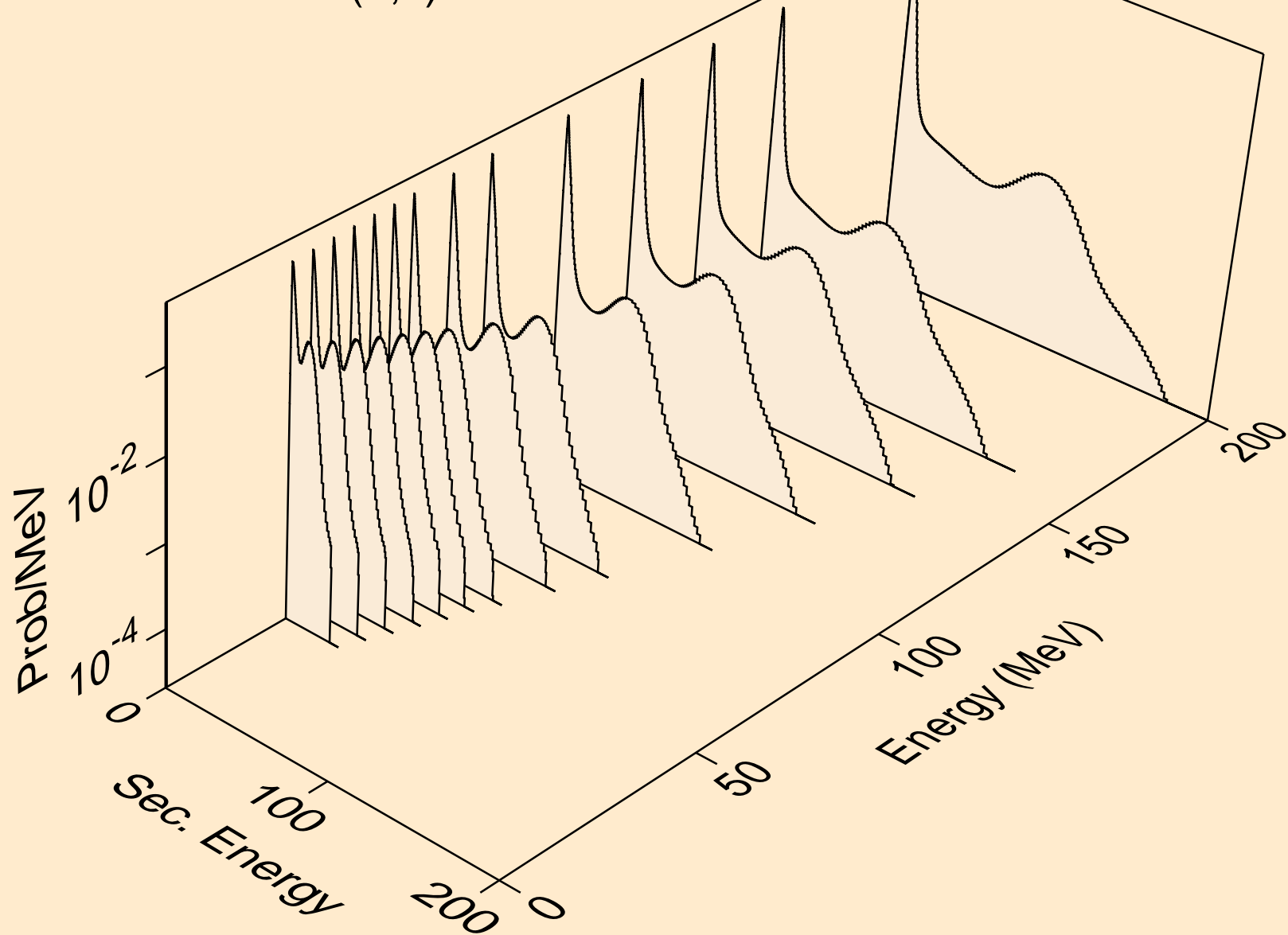
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



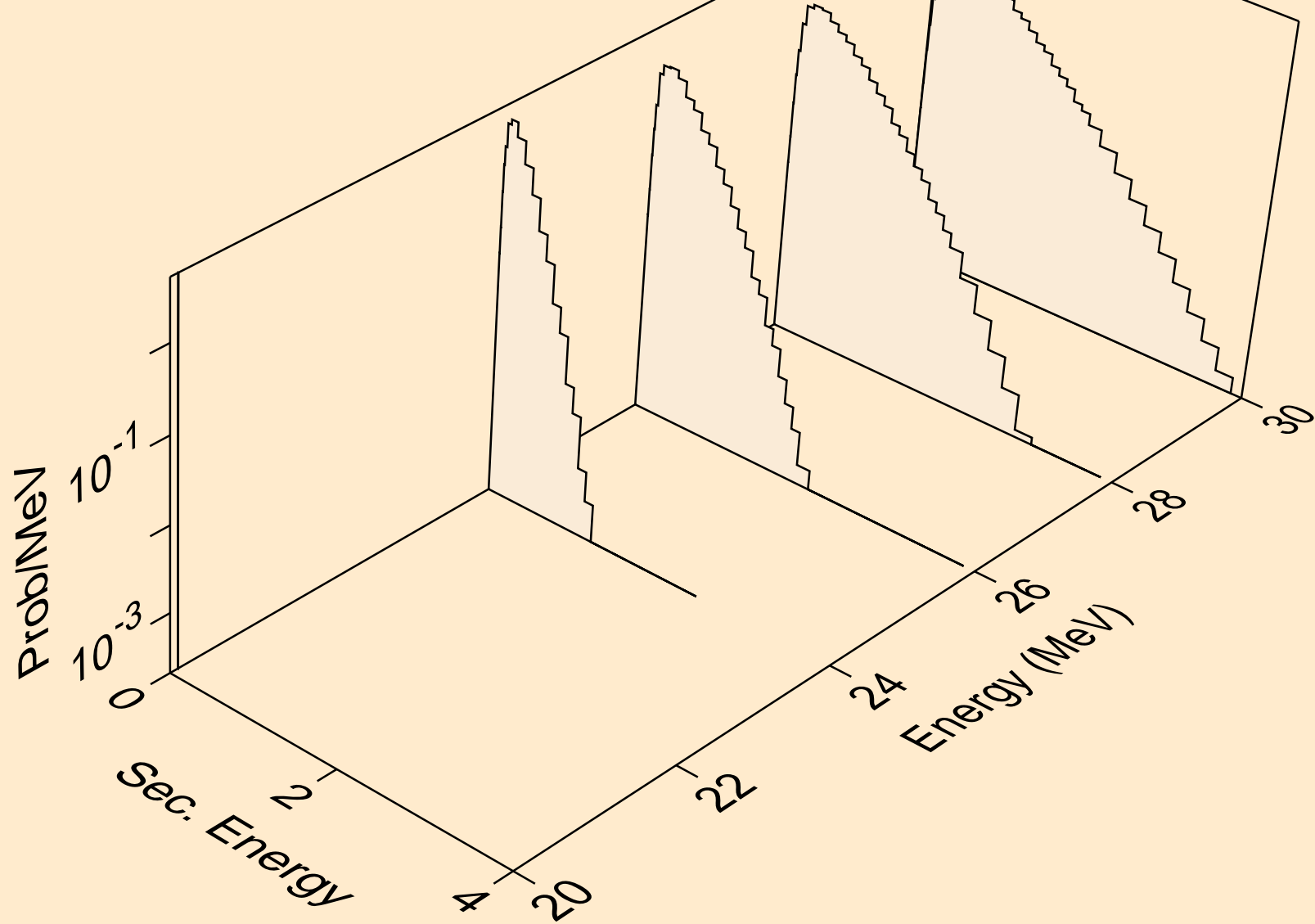
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n)



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,x)

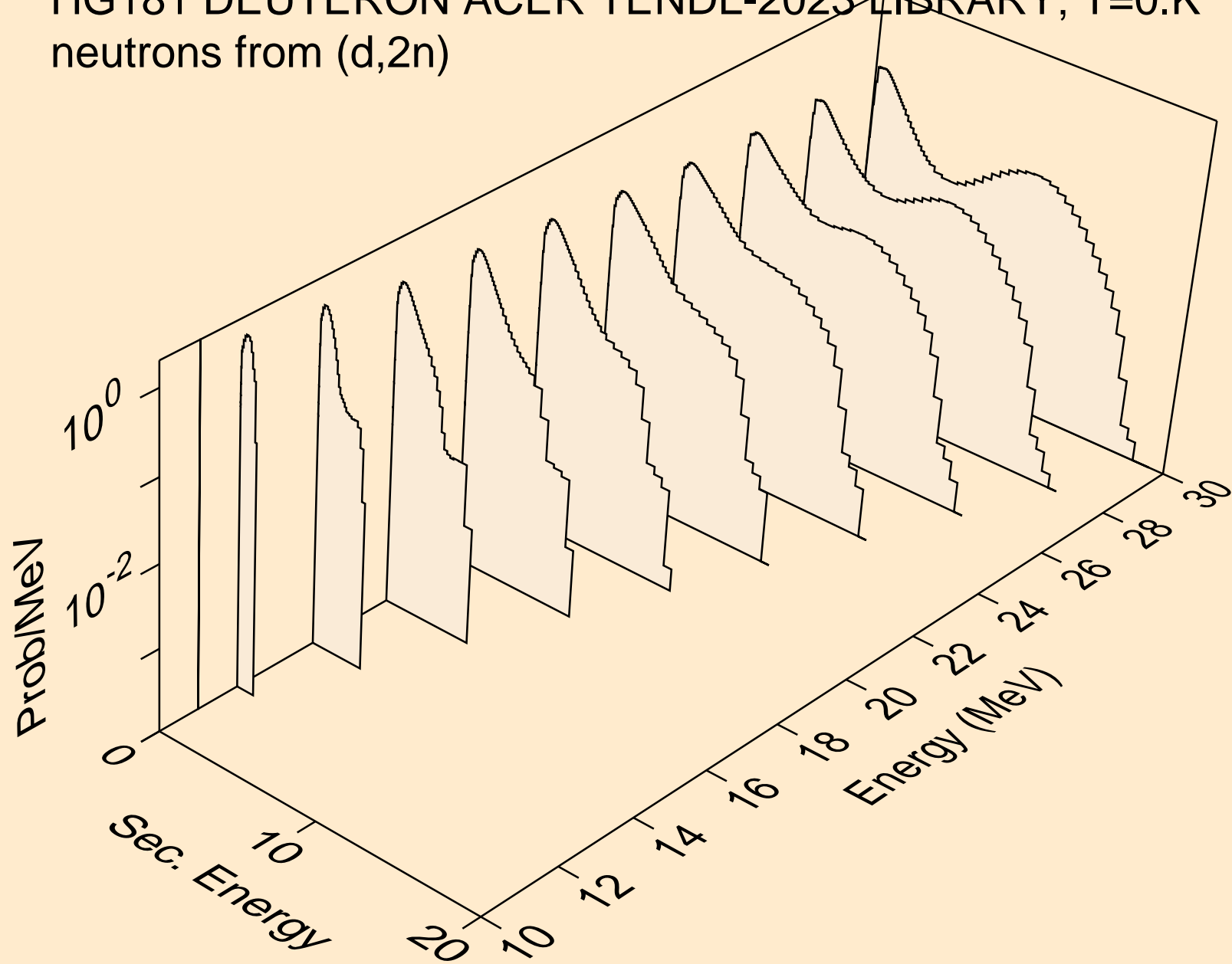


HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2nd)

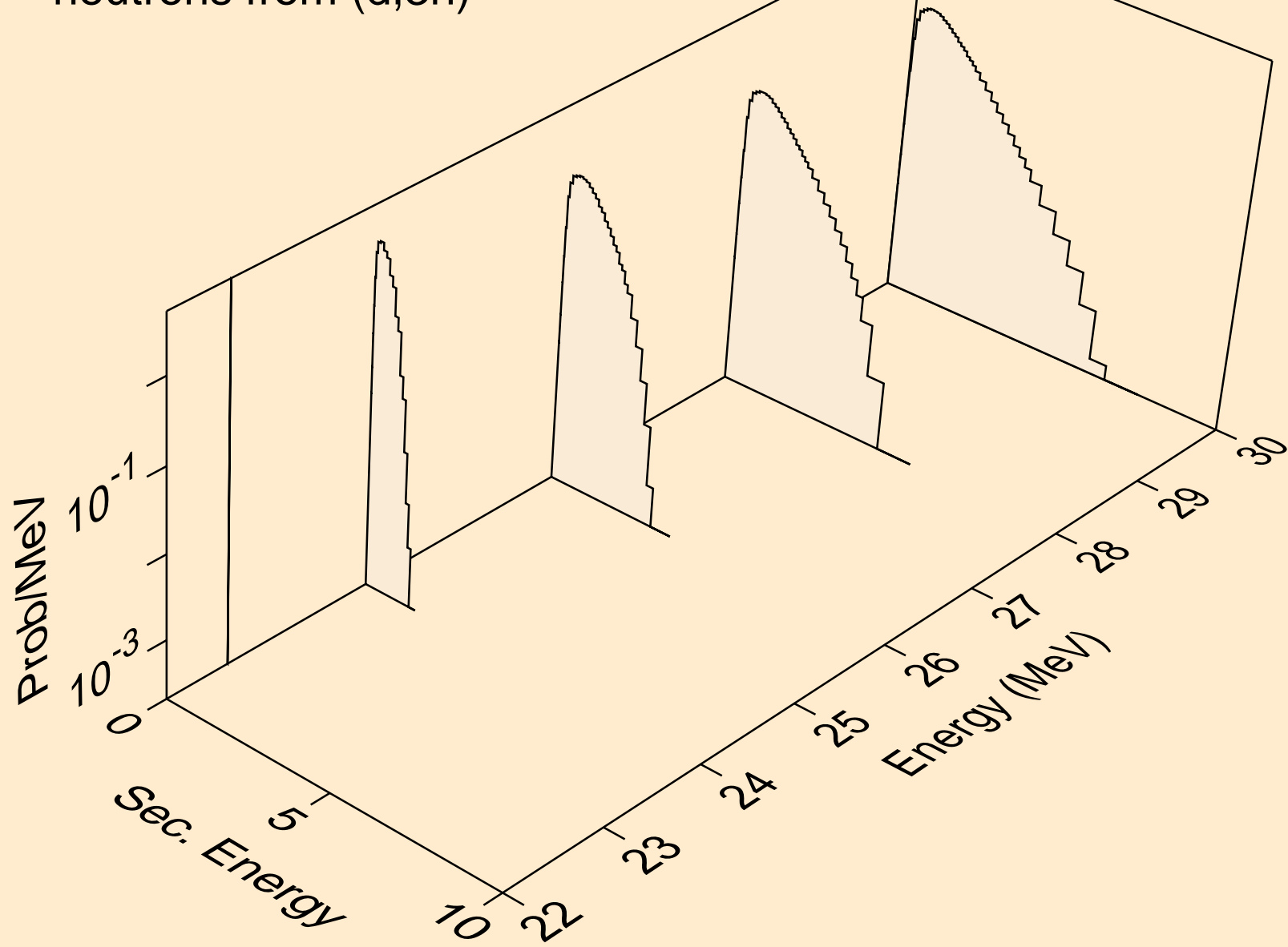




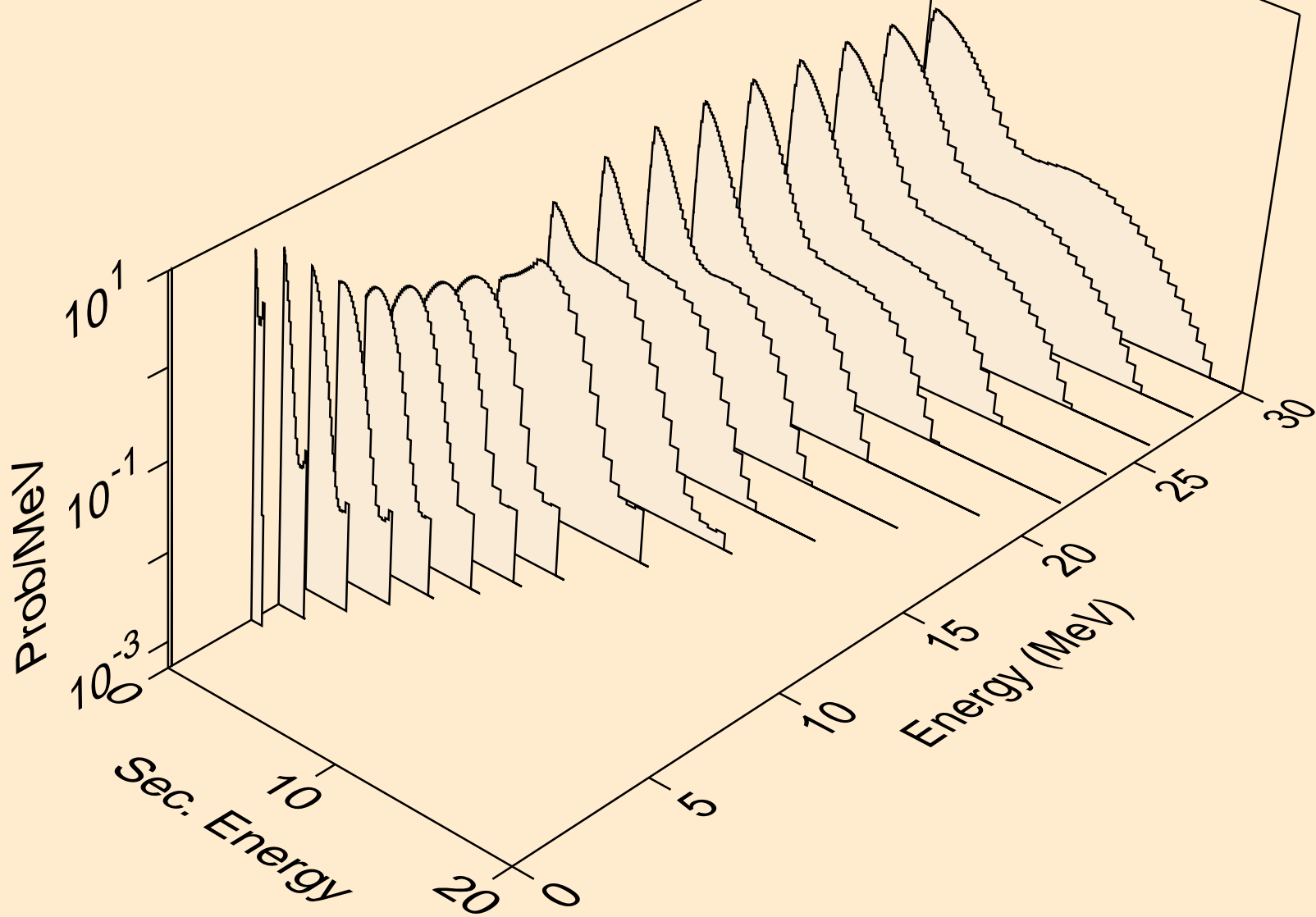
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2n)



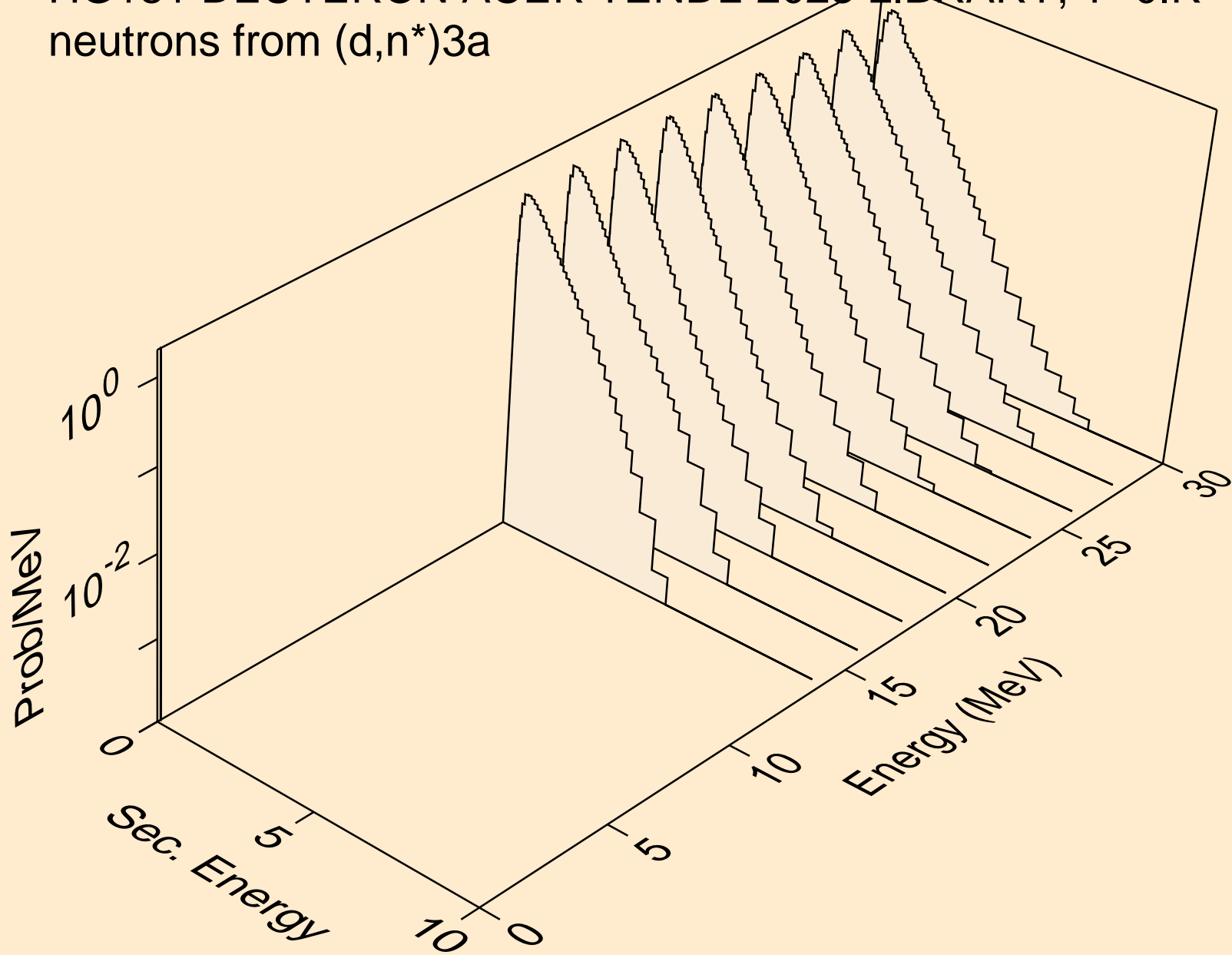
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3n)



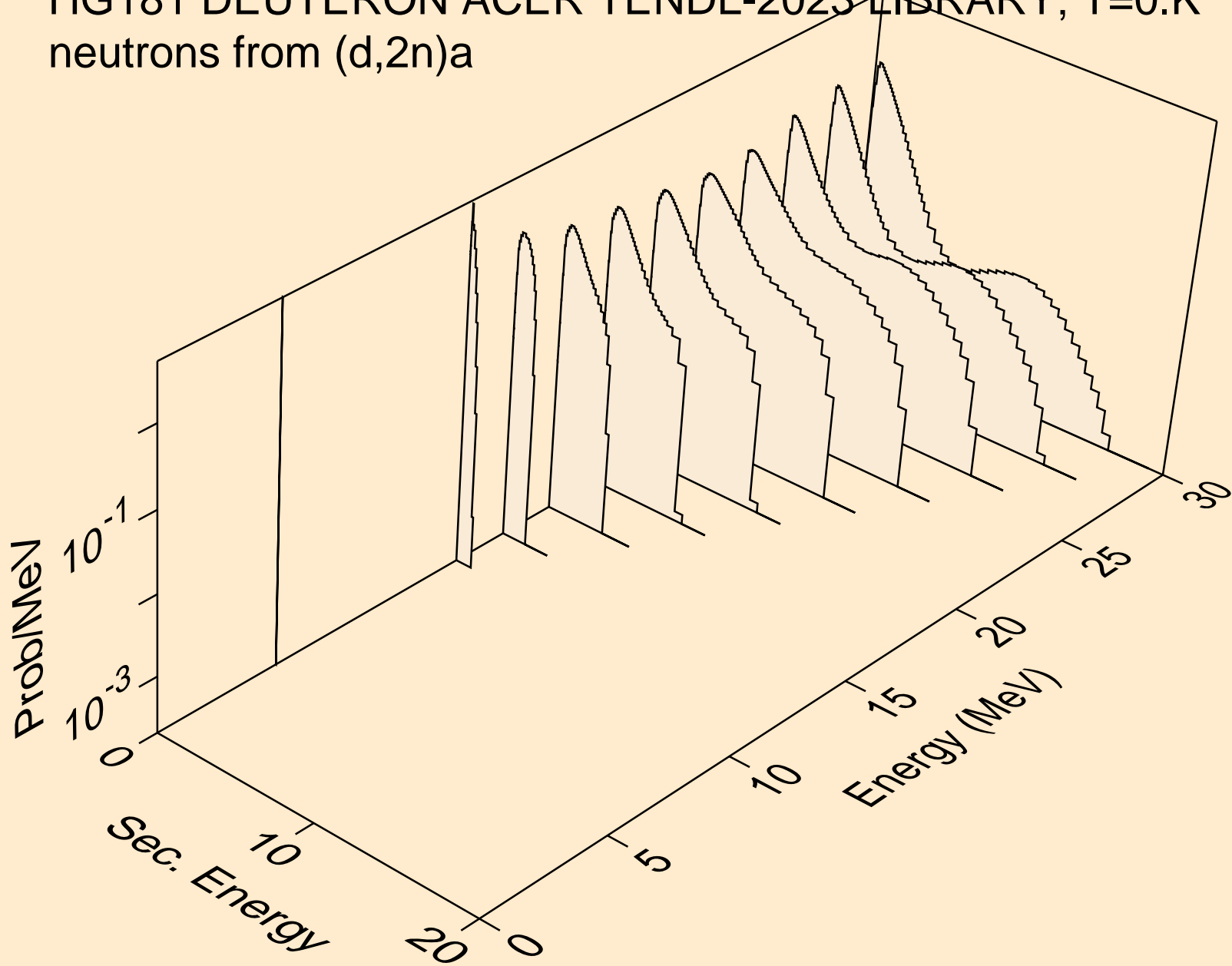
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)a



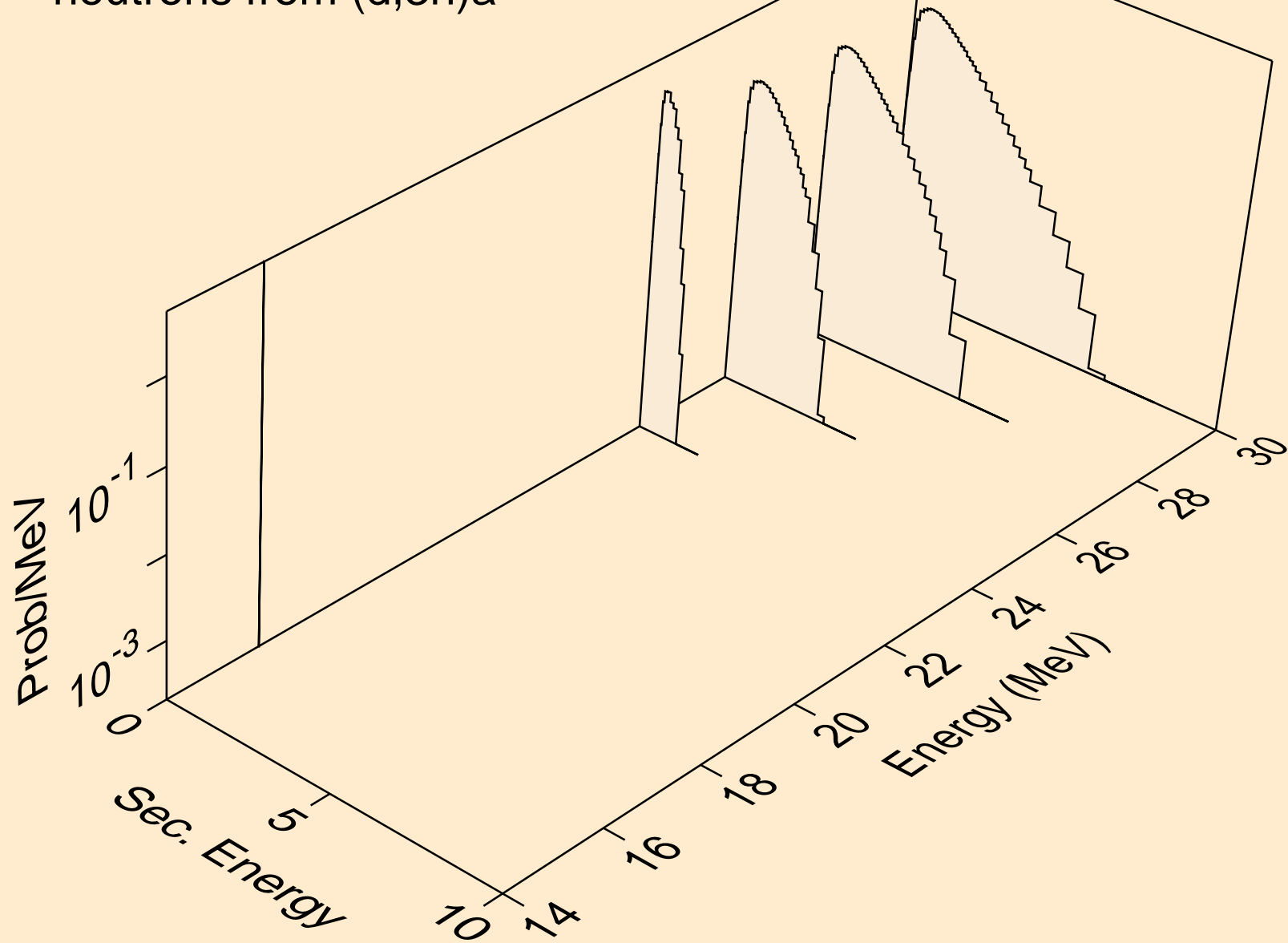
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neutrons from (d,n\*)3a



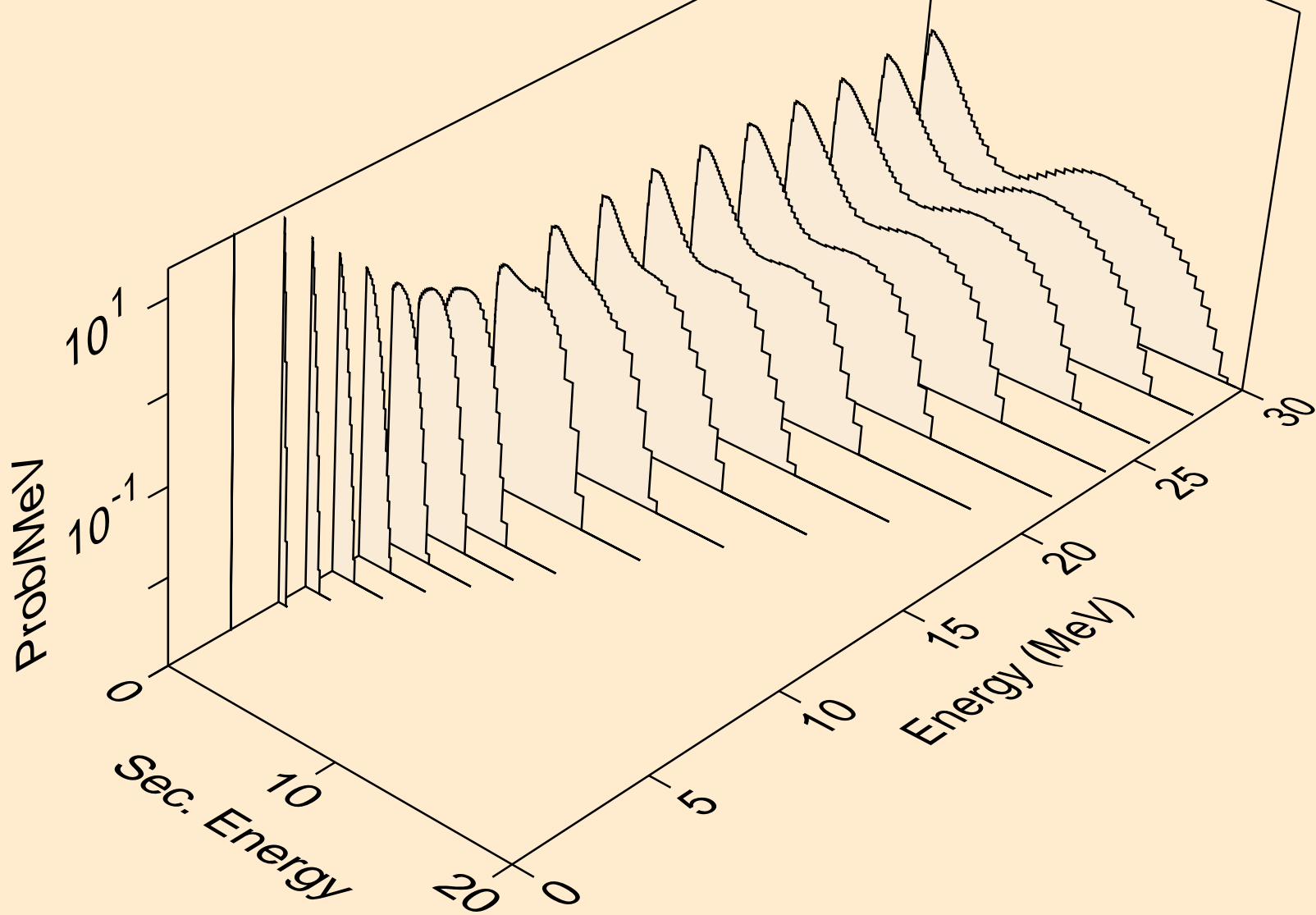
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neutrons from (d,2n)a



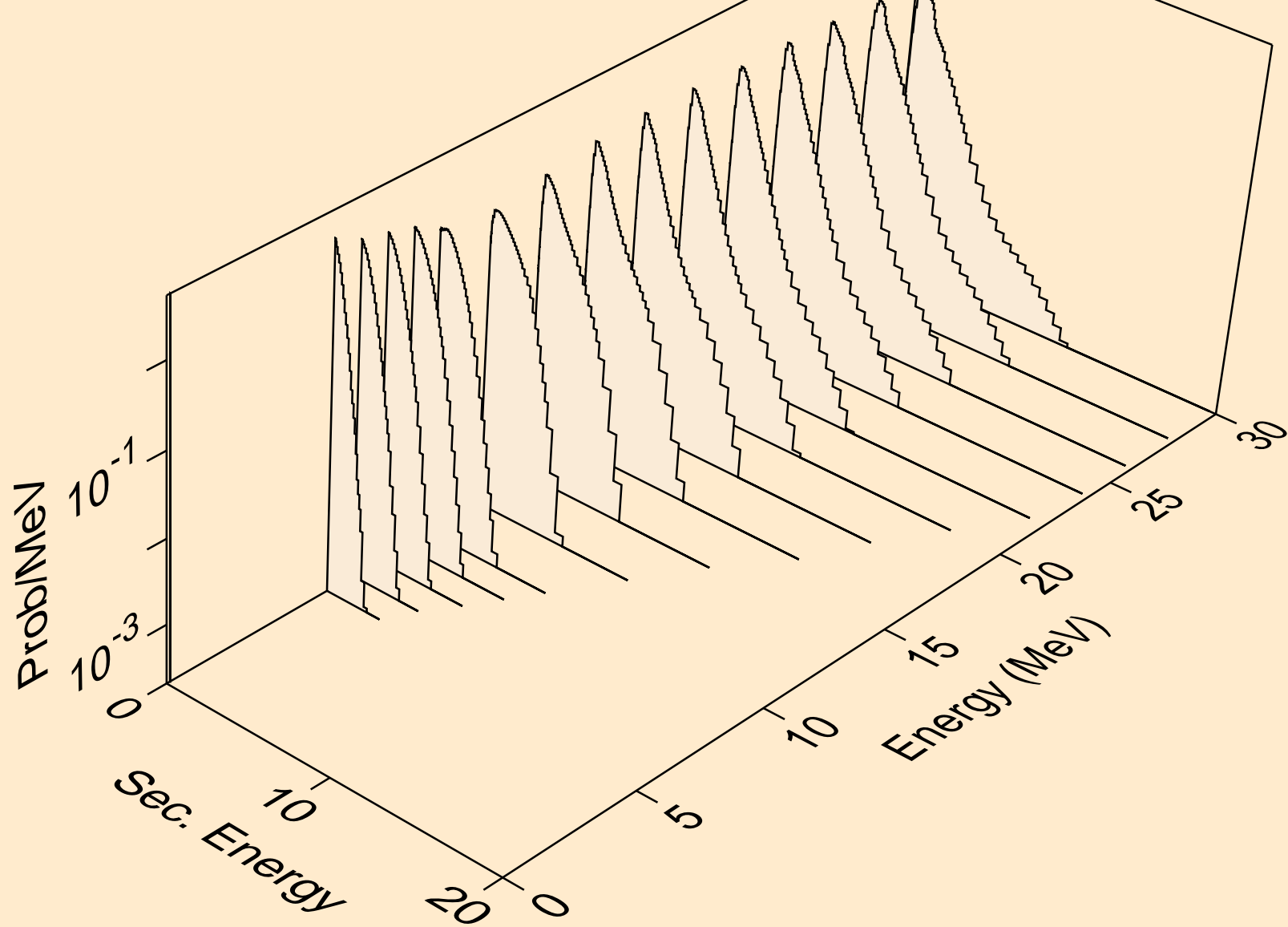
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neutrons from (d,3n)a



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)p

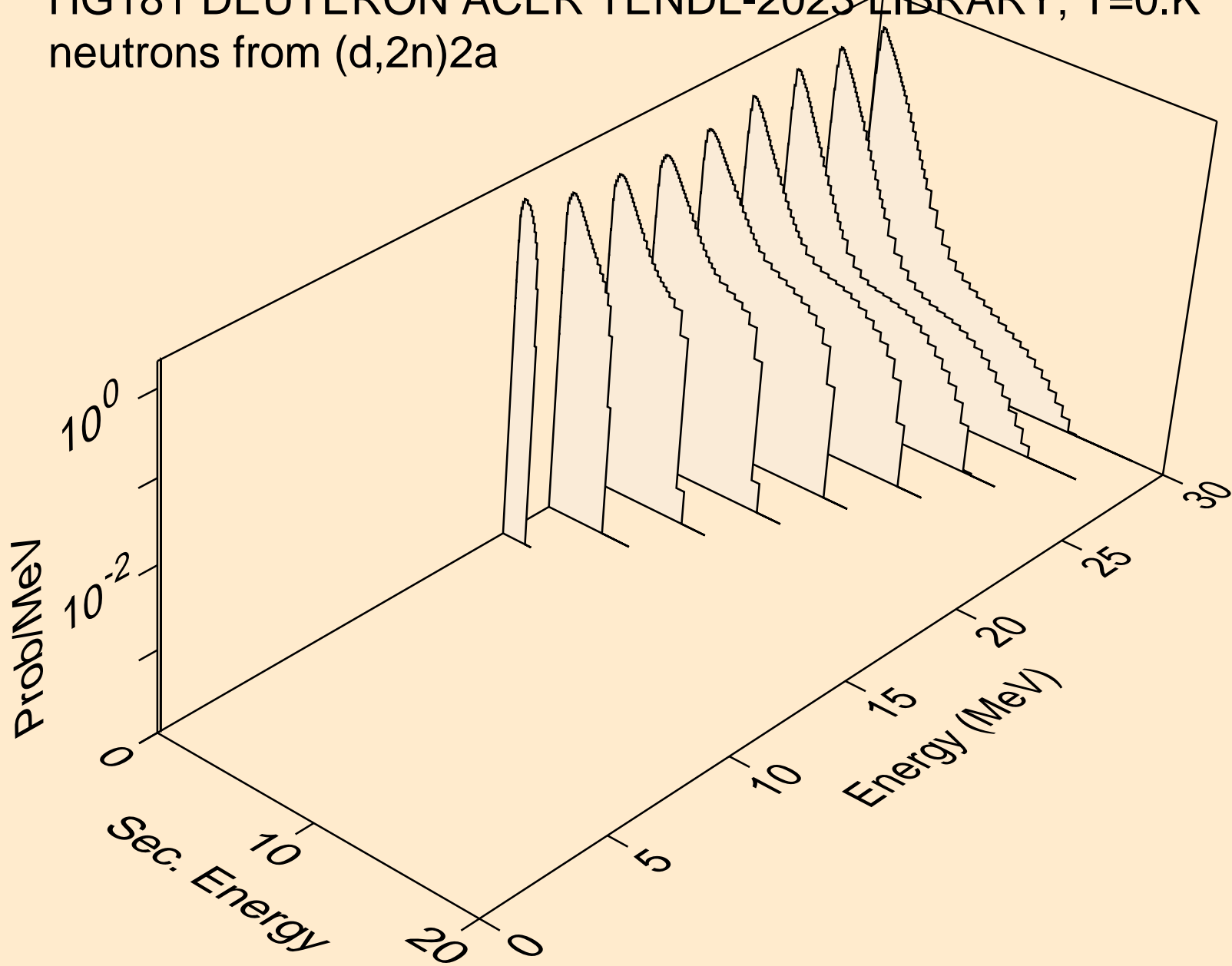


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neutrons from (d,n\*)2a

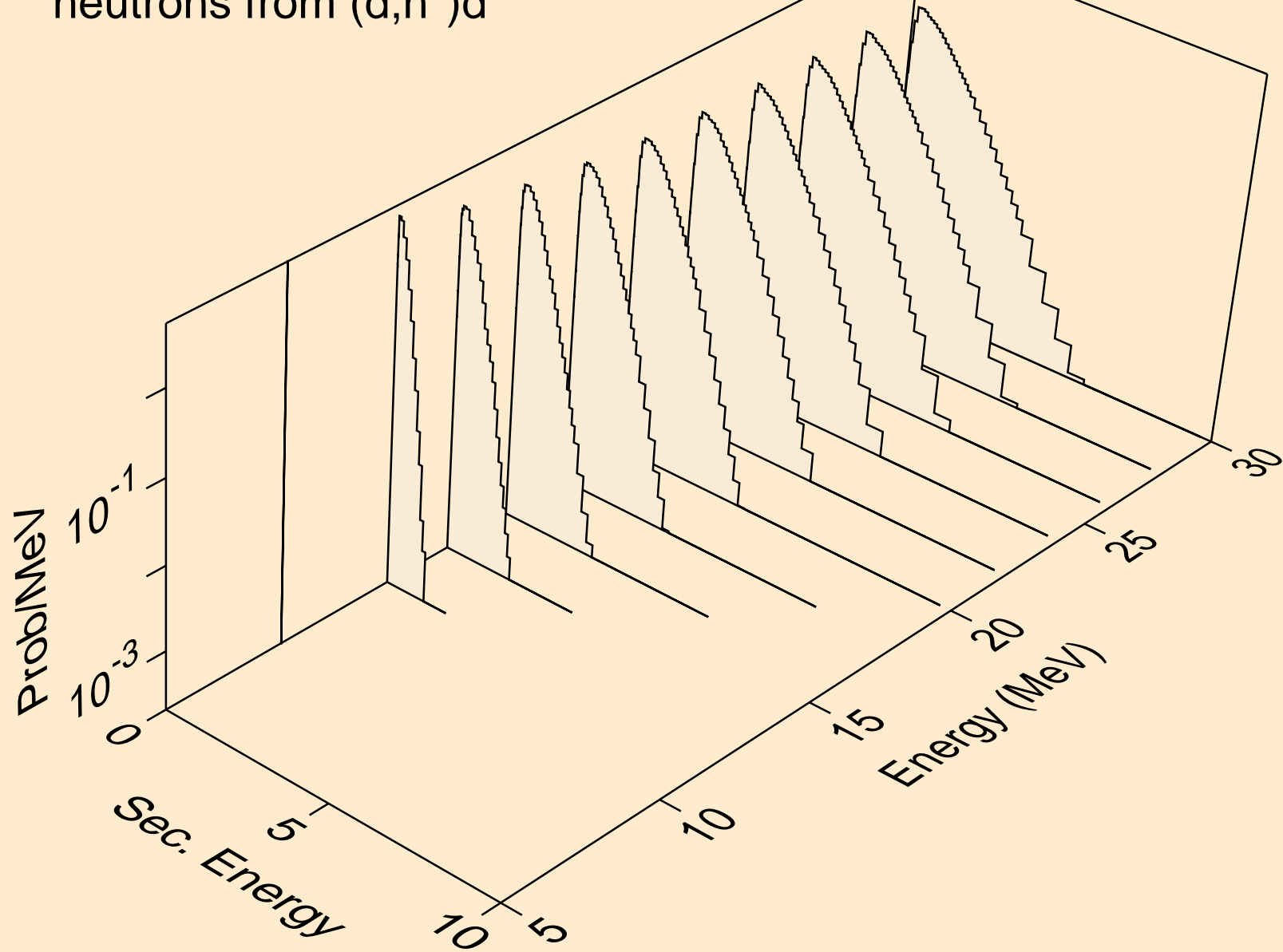




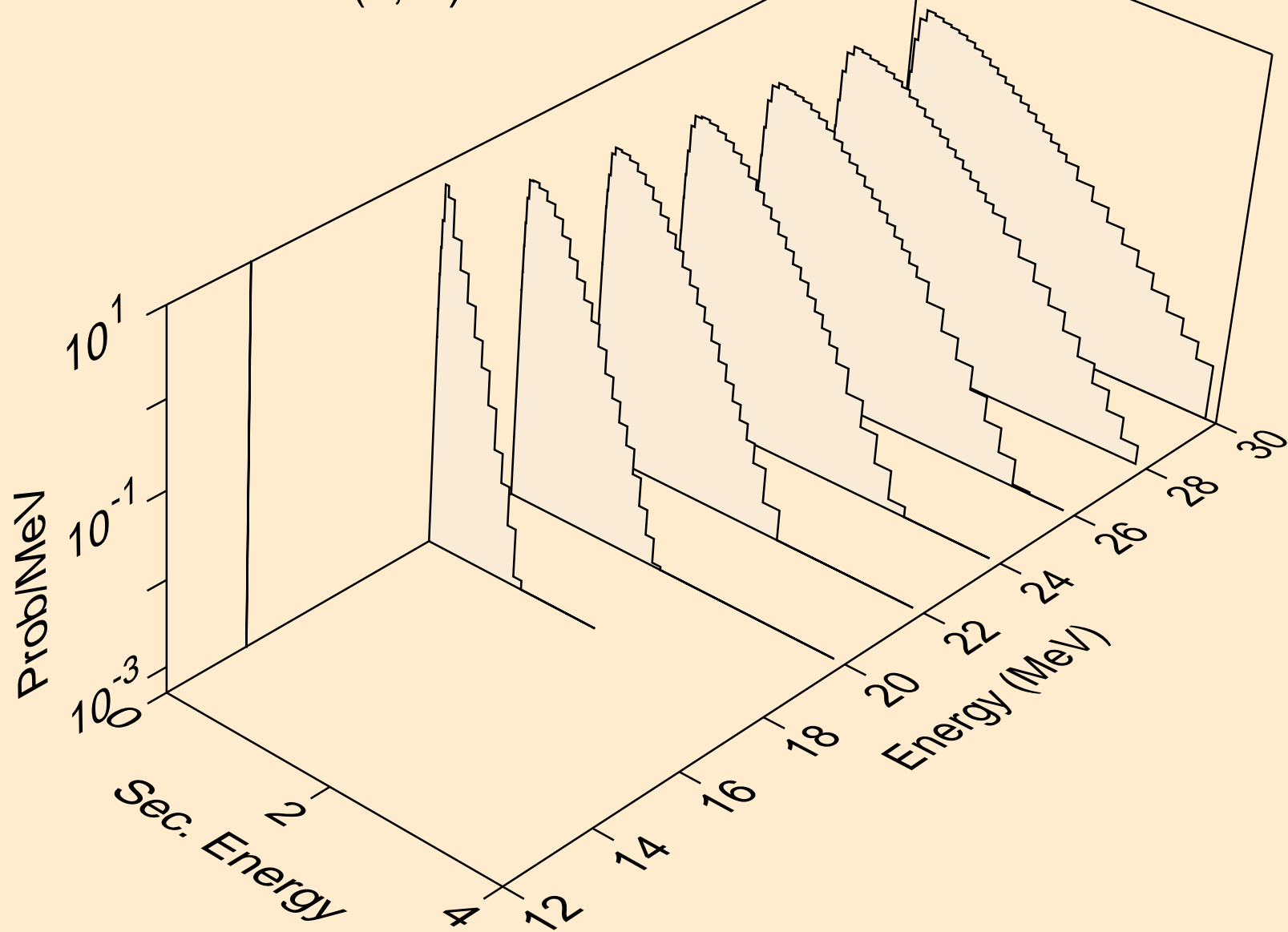
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neutrons from (d,2n)2a



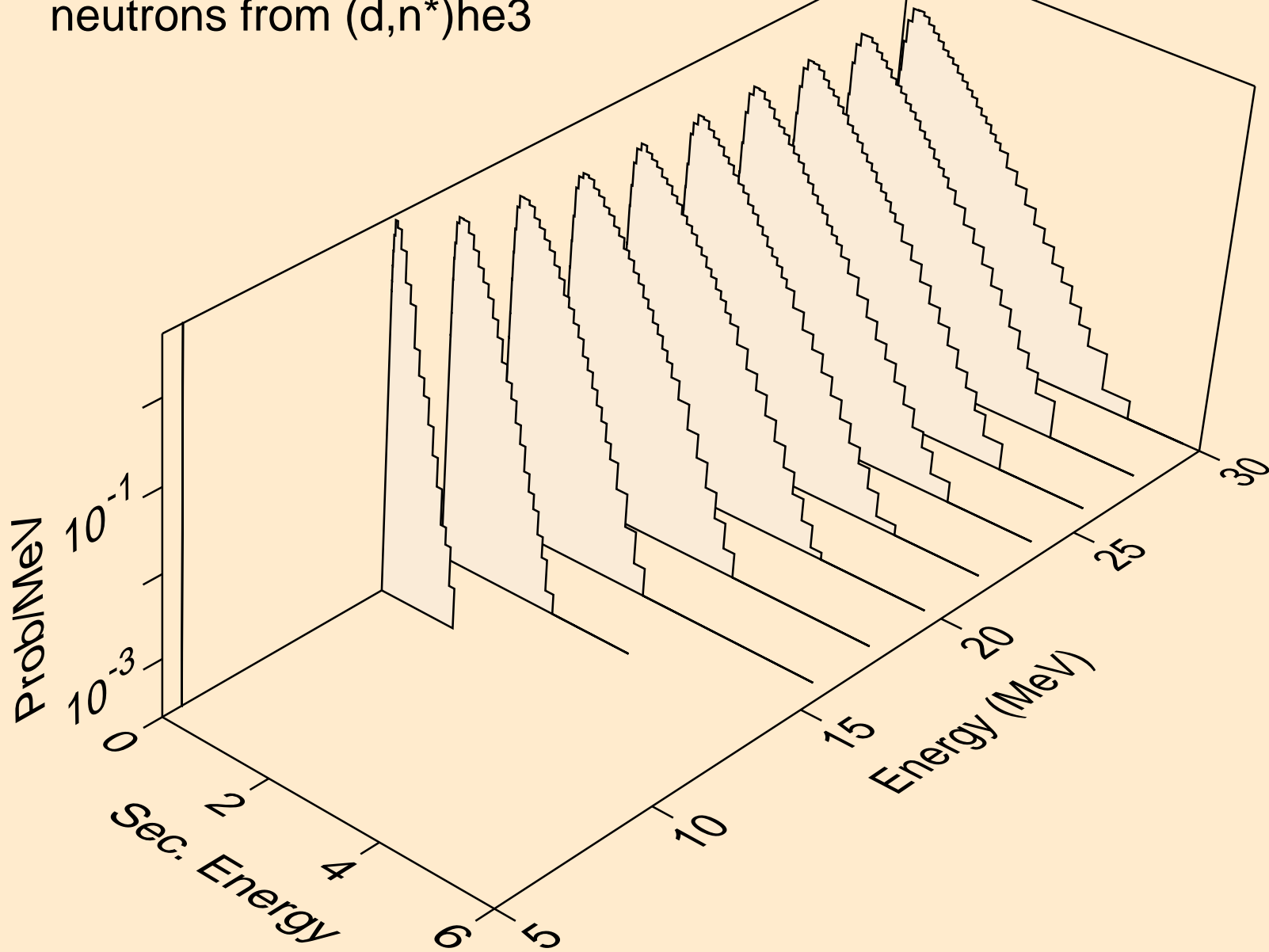
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)d



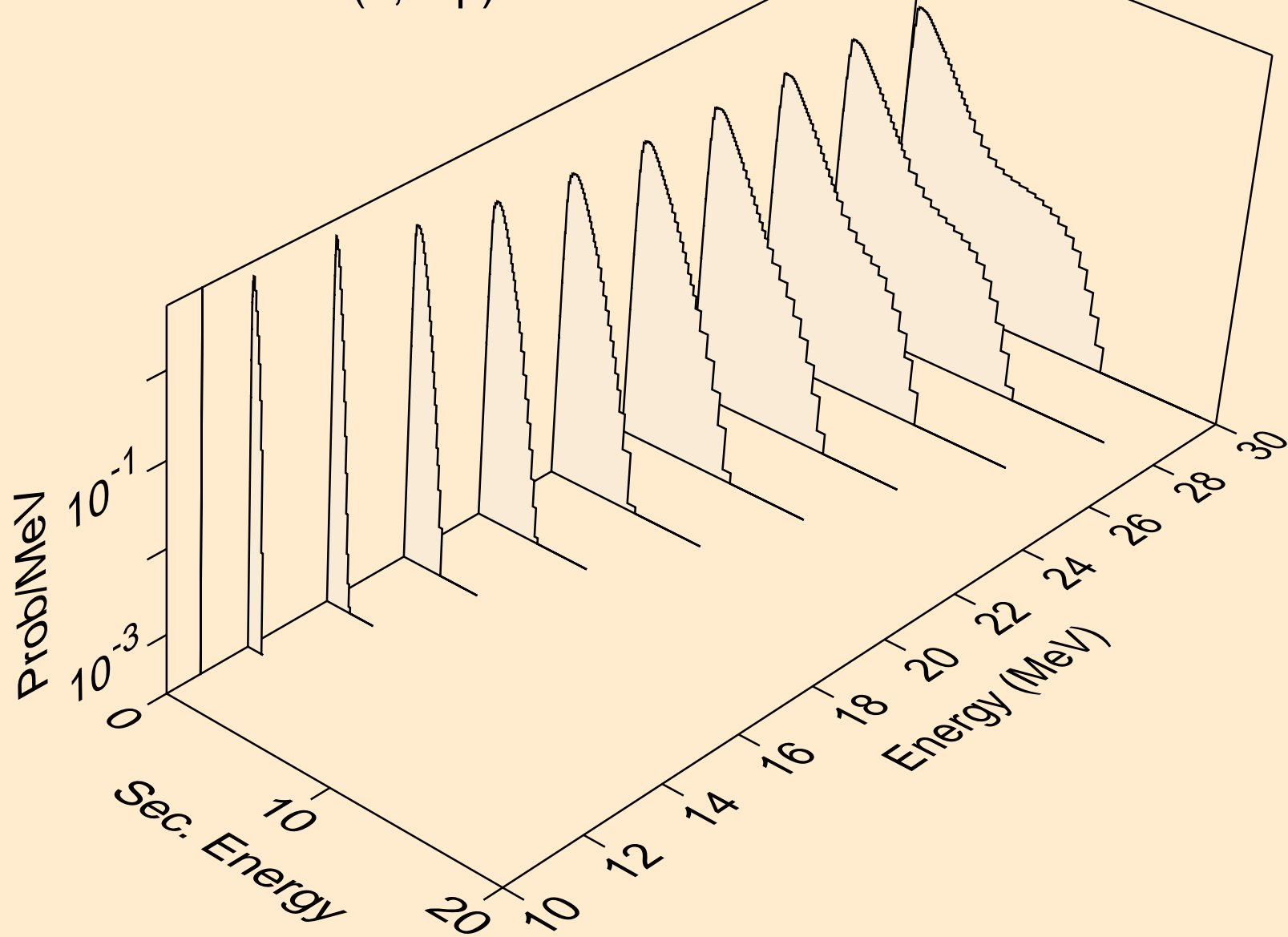
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)t



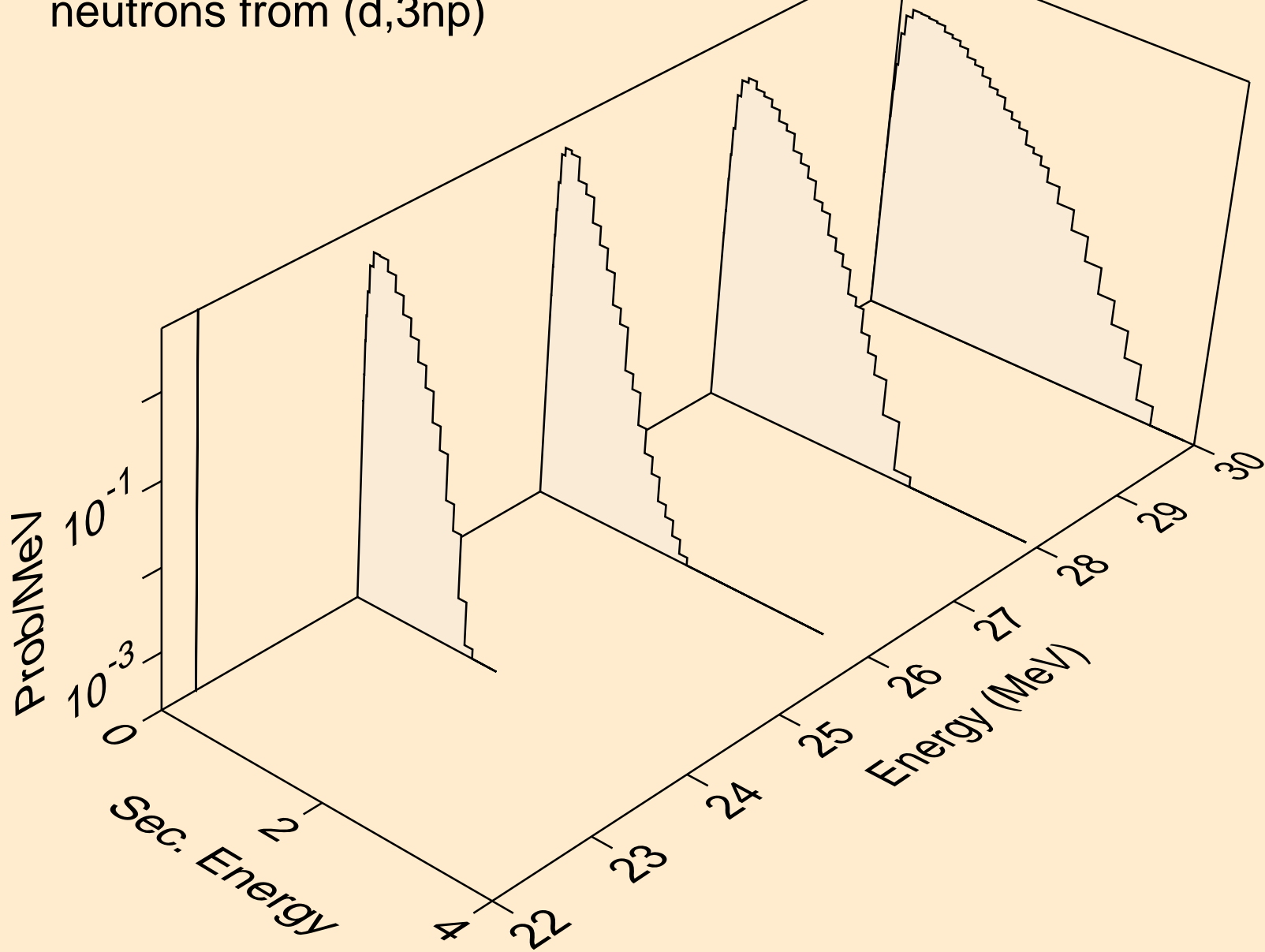
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)he3



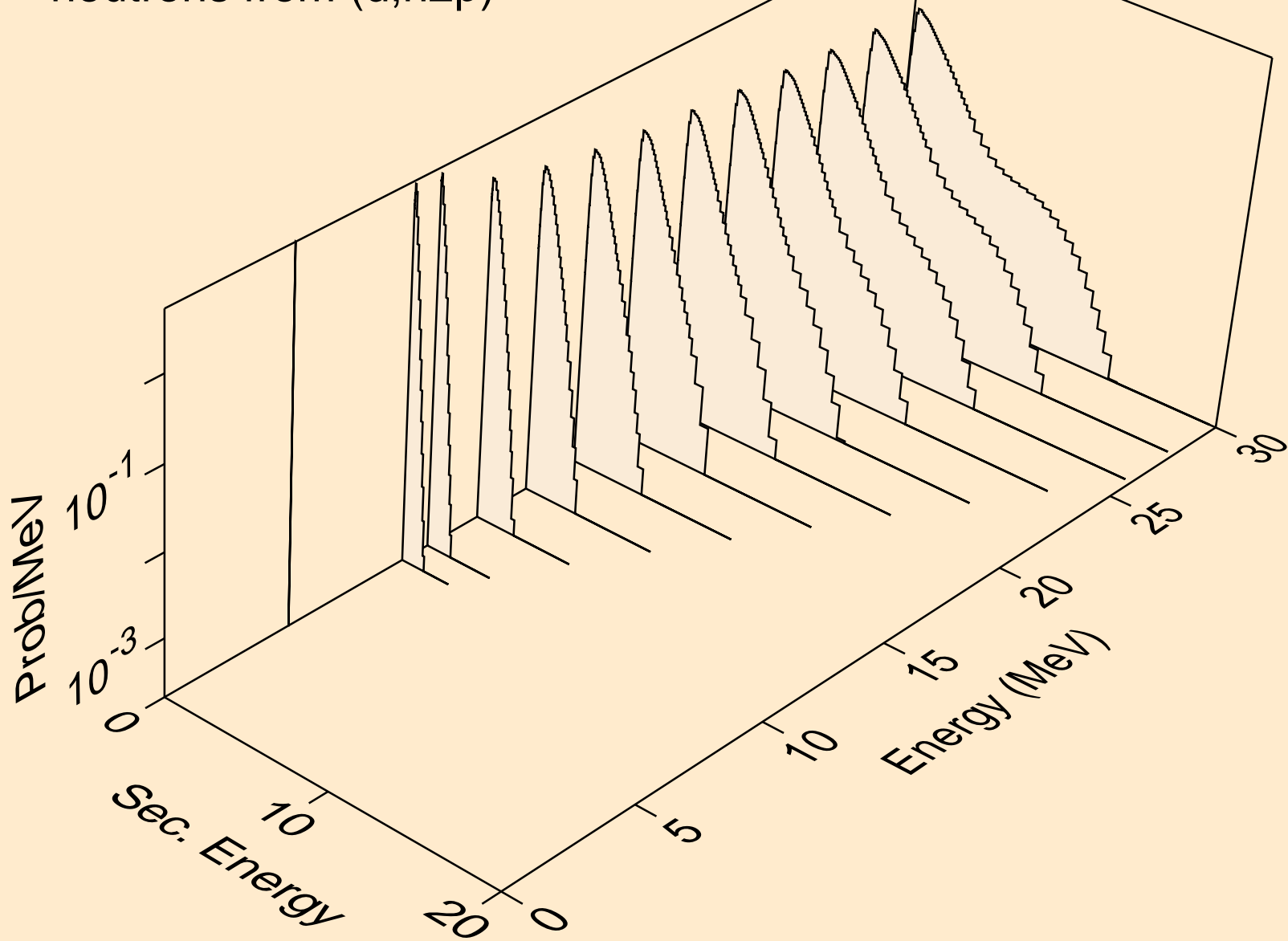
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2np)



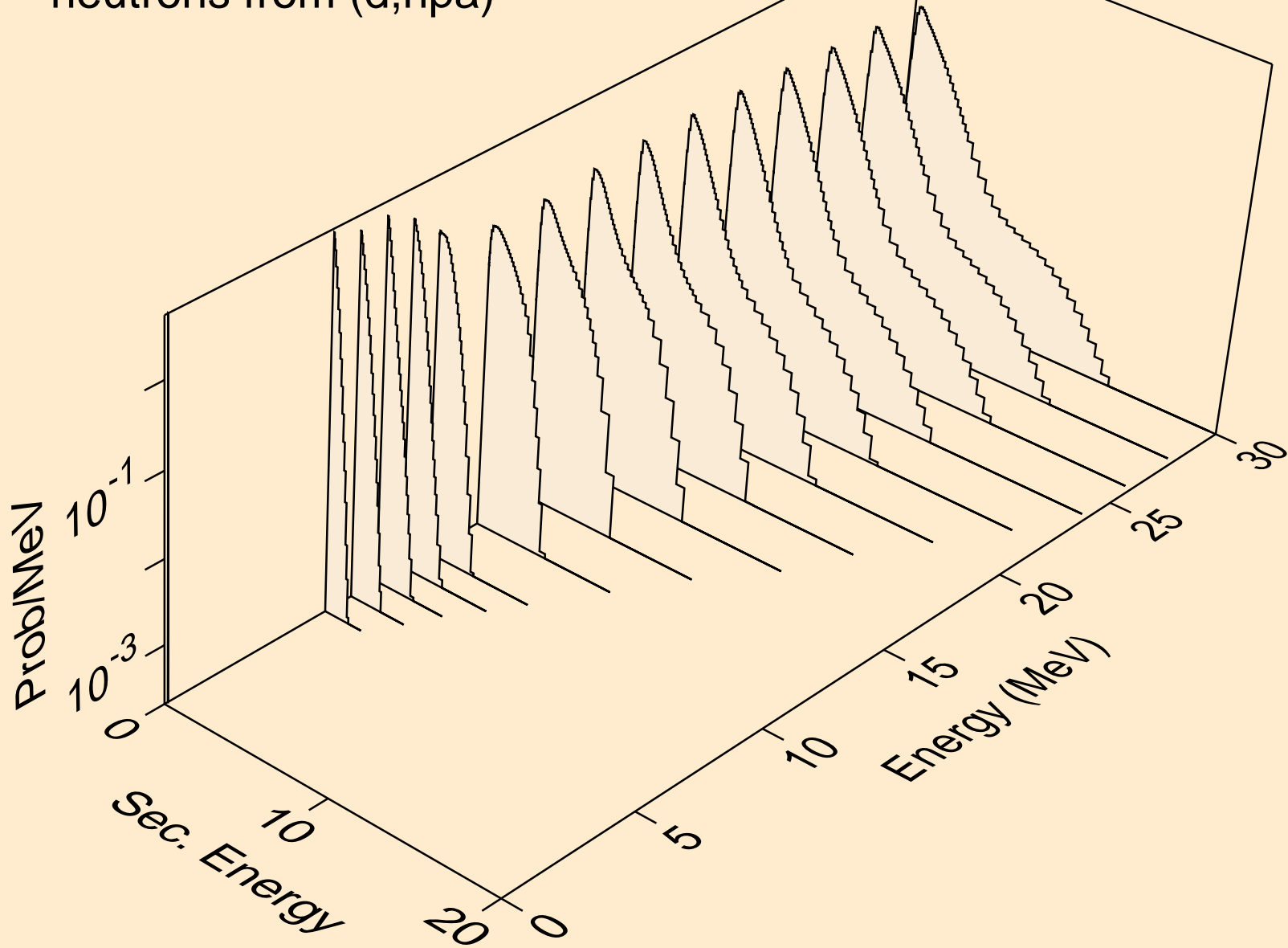
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3np)



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n2p)

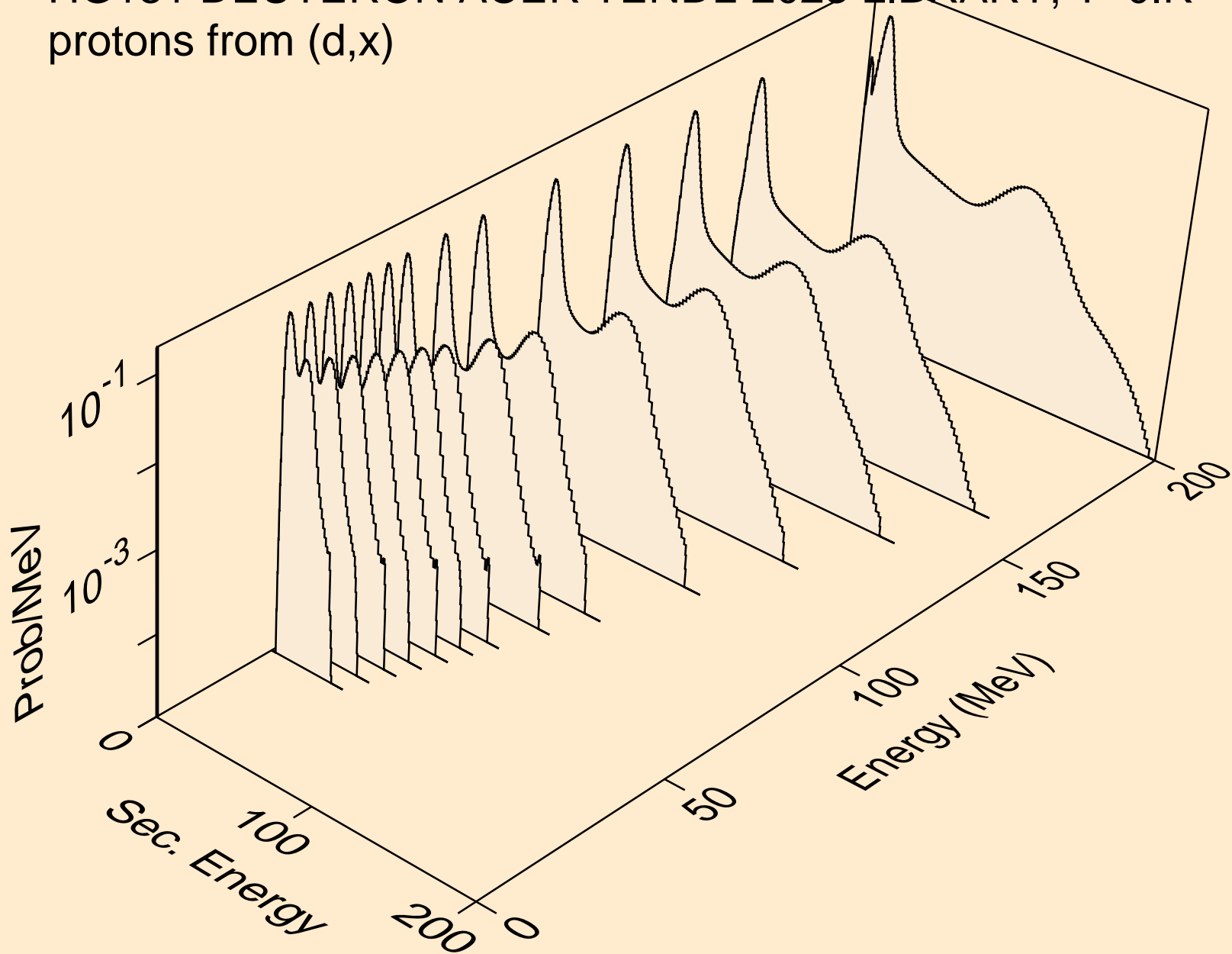


HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,npa)

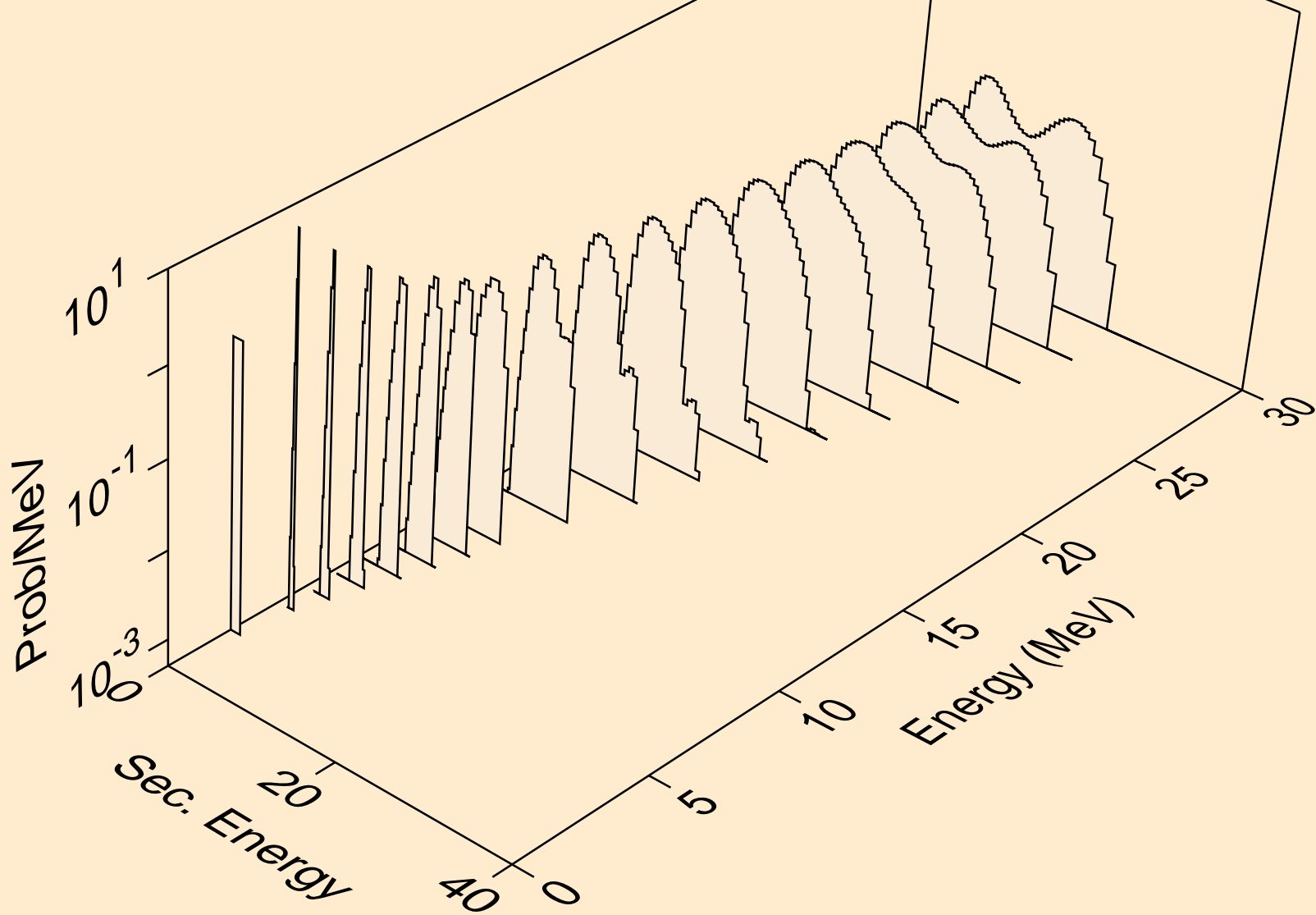




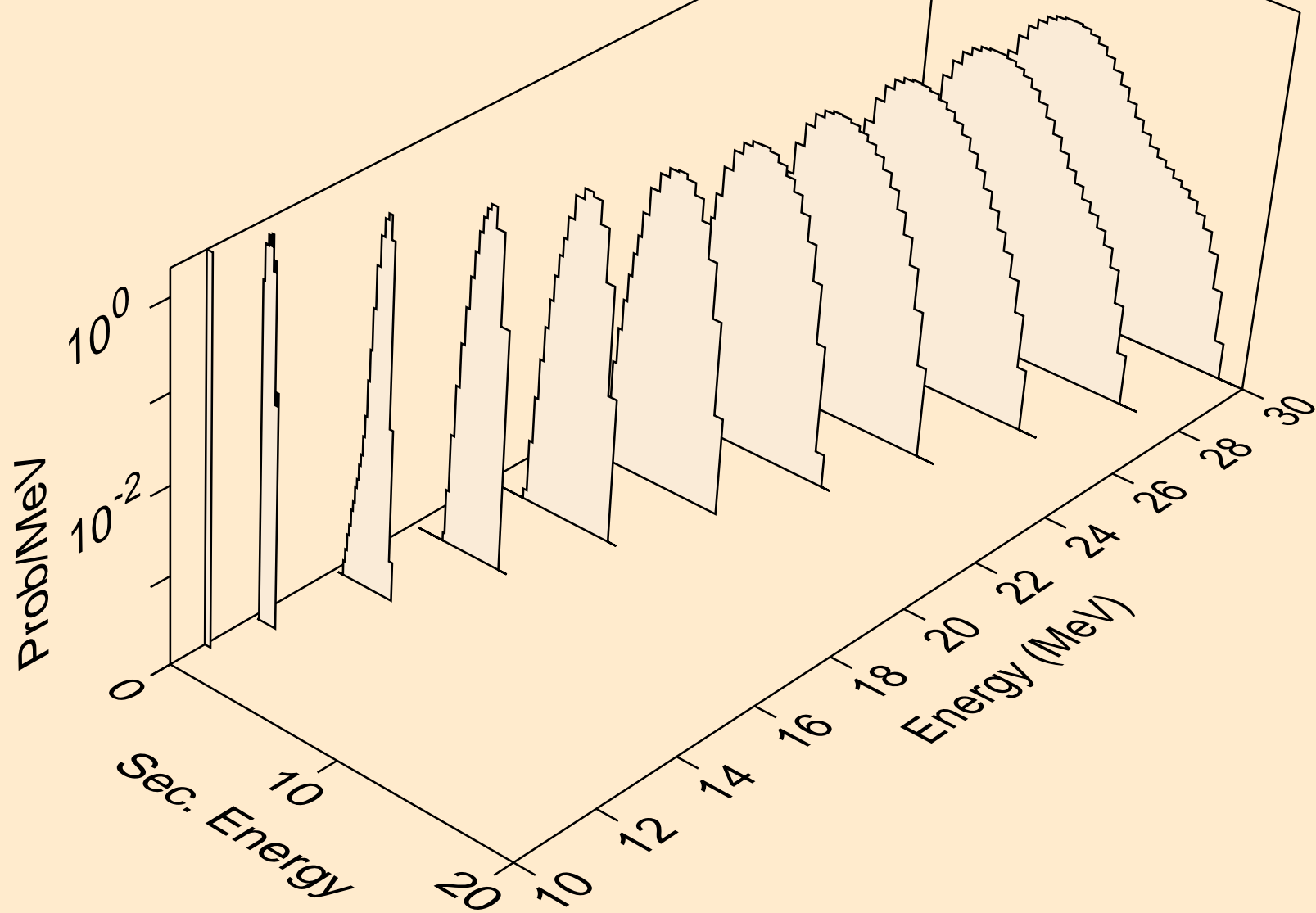
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,x)



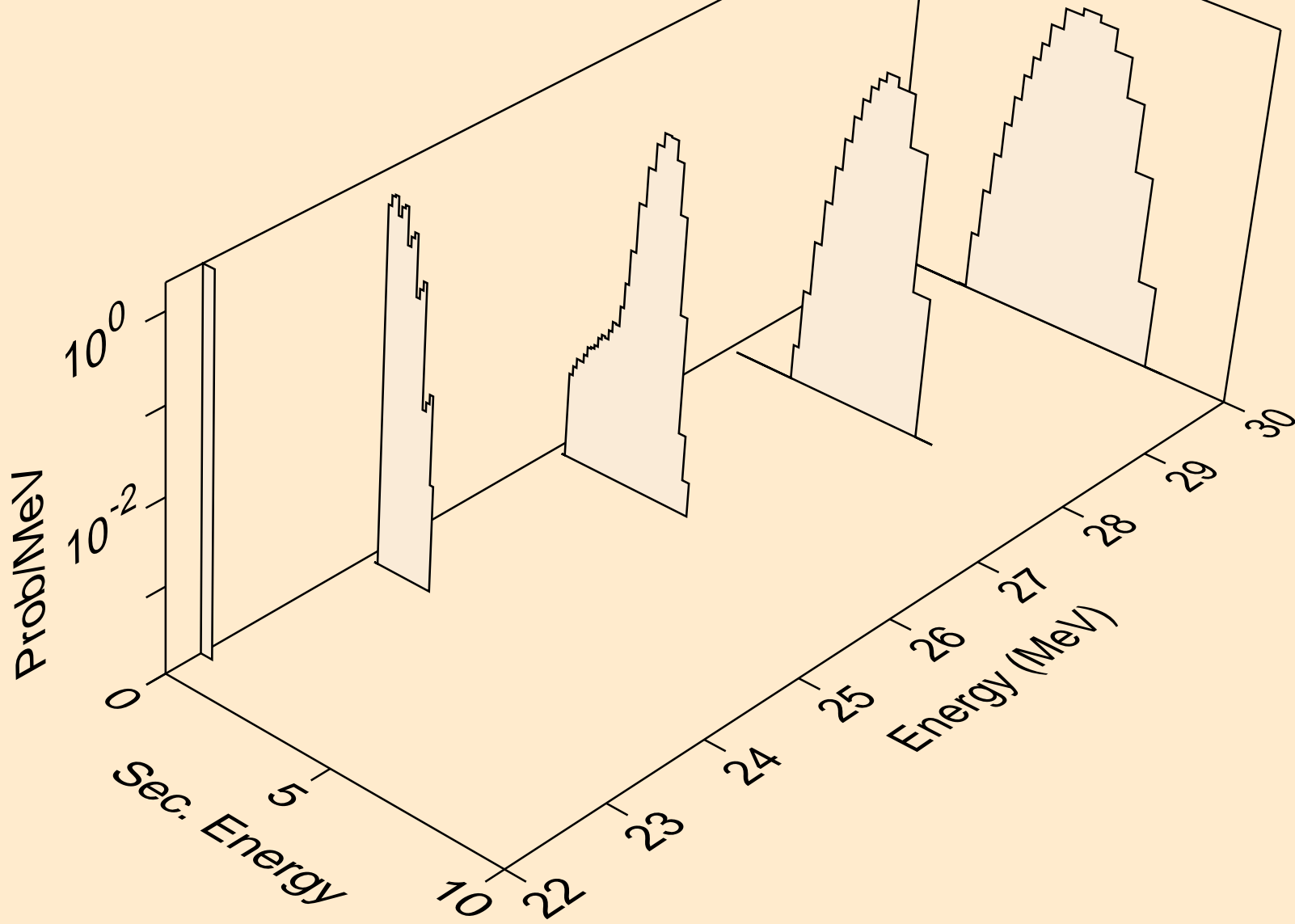
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n\*)p



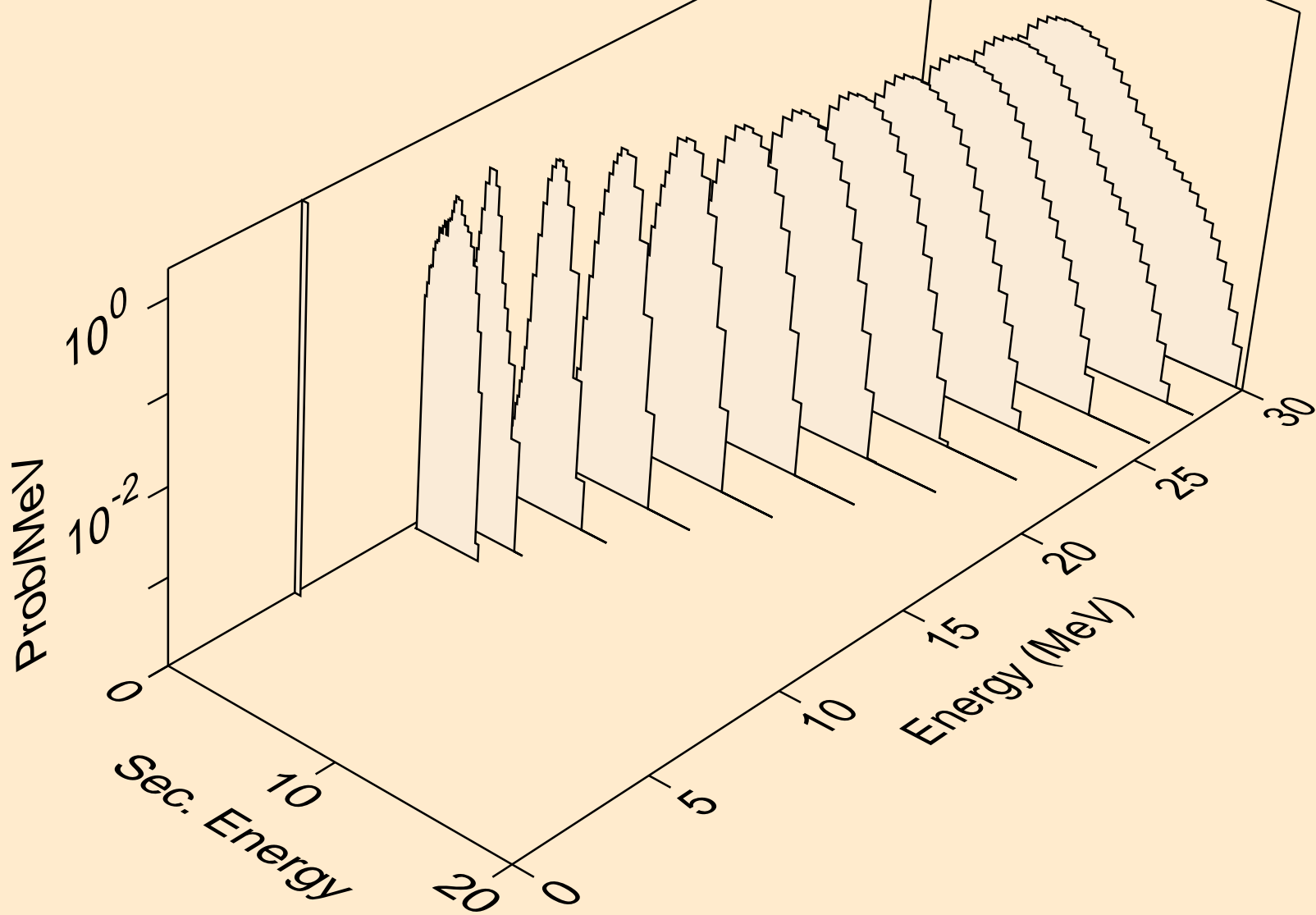
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,2np)



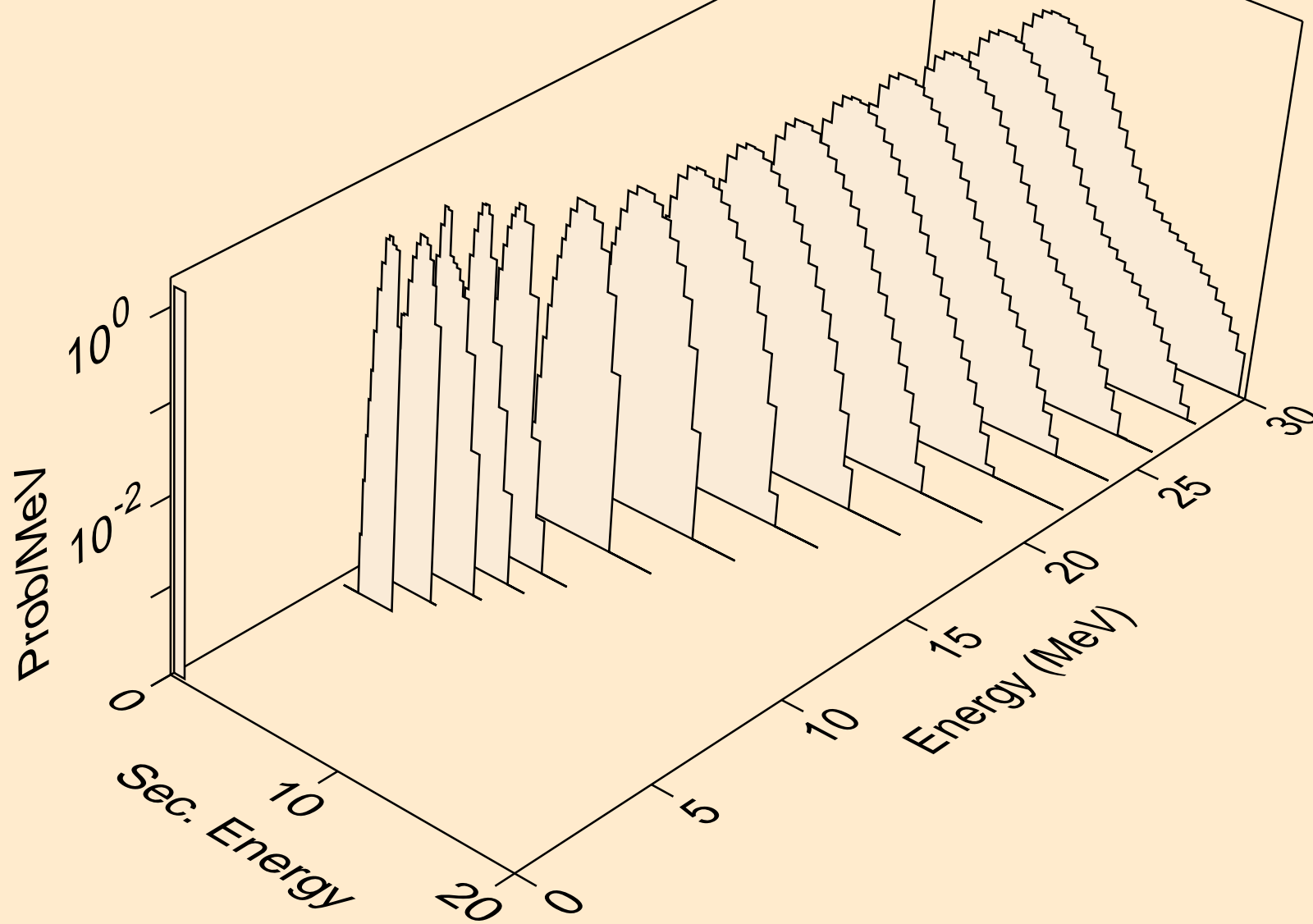
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protons from (d,3np)



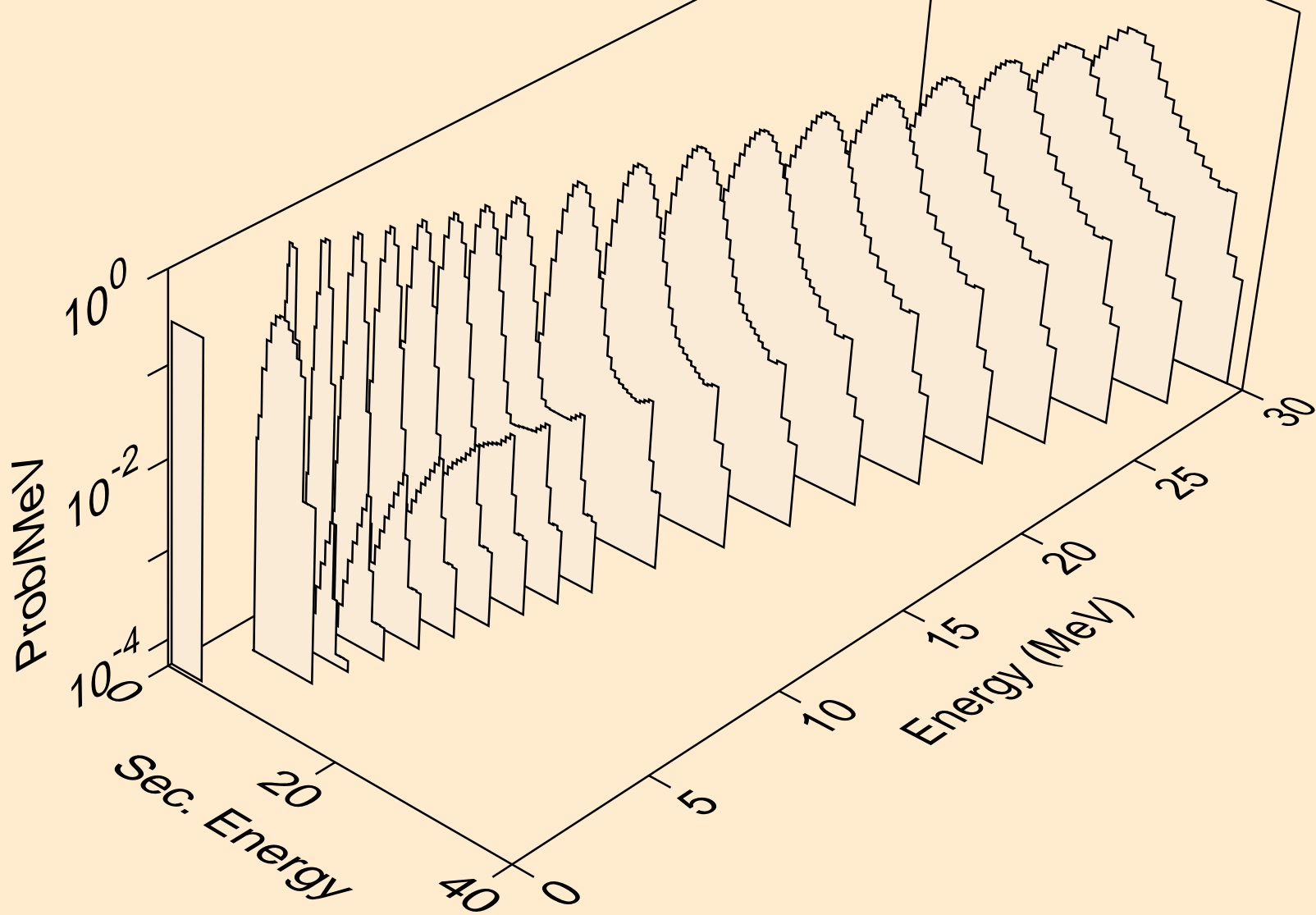
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n2p)



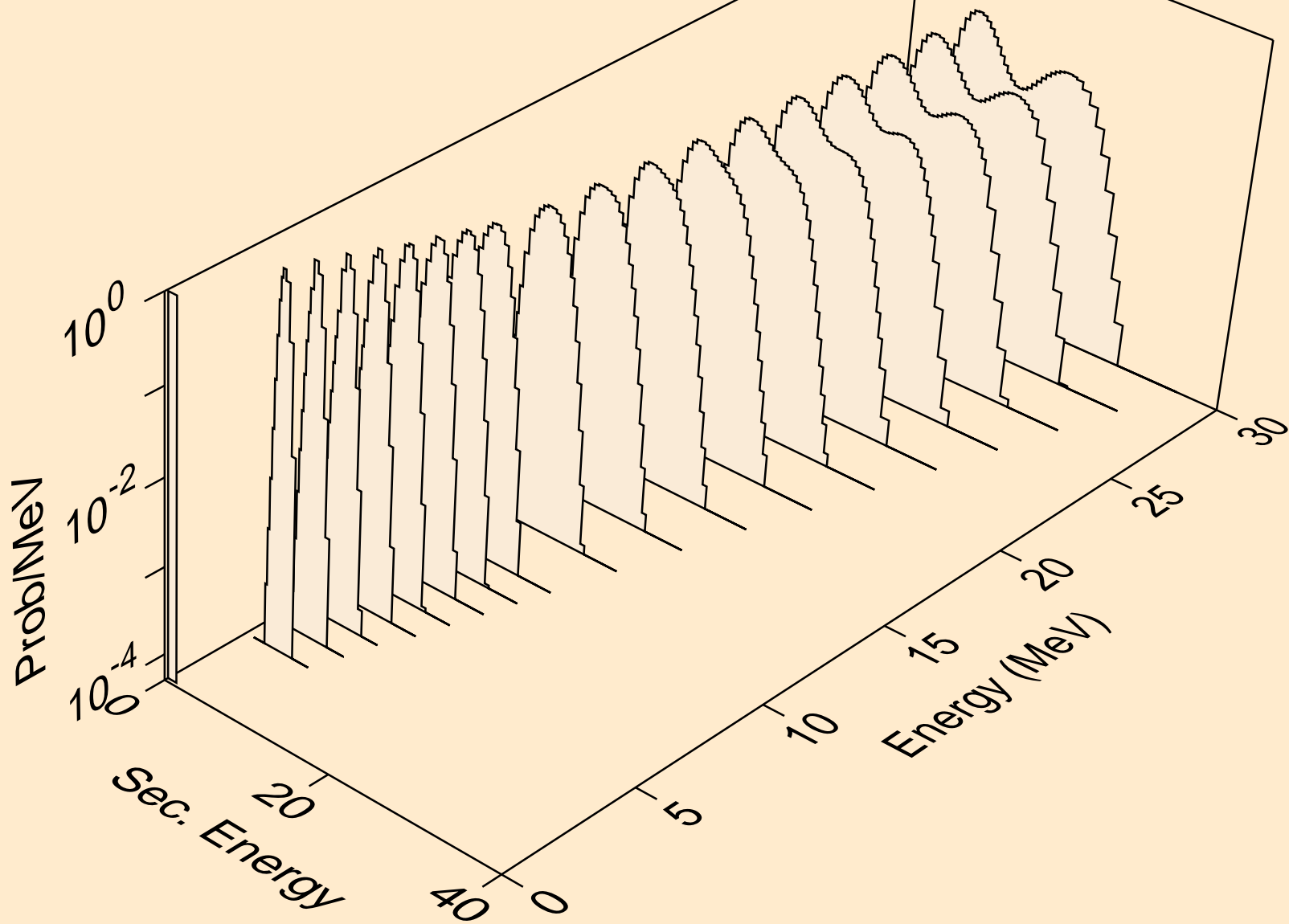
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,npa)



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,p)

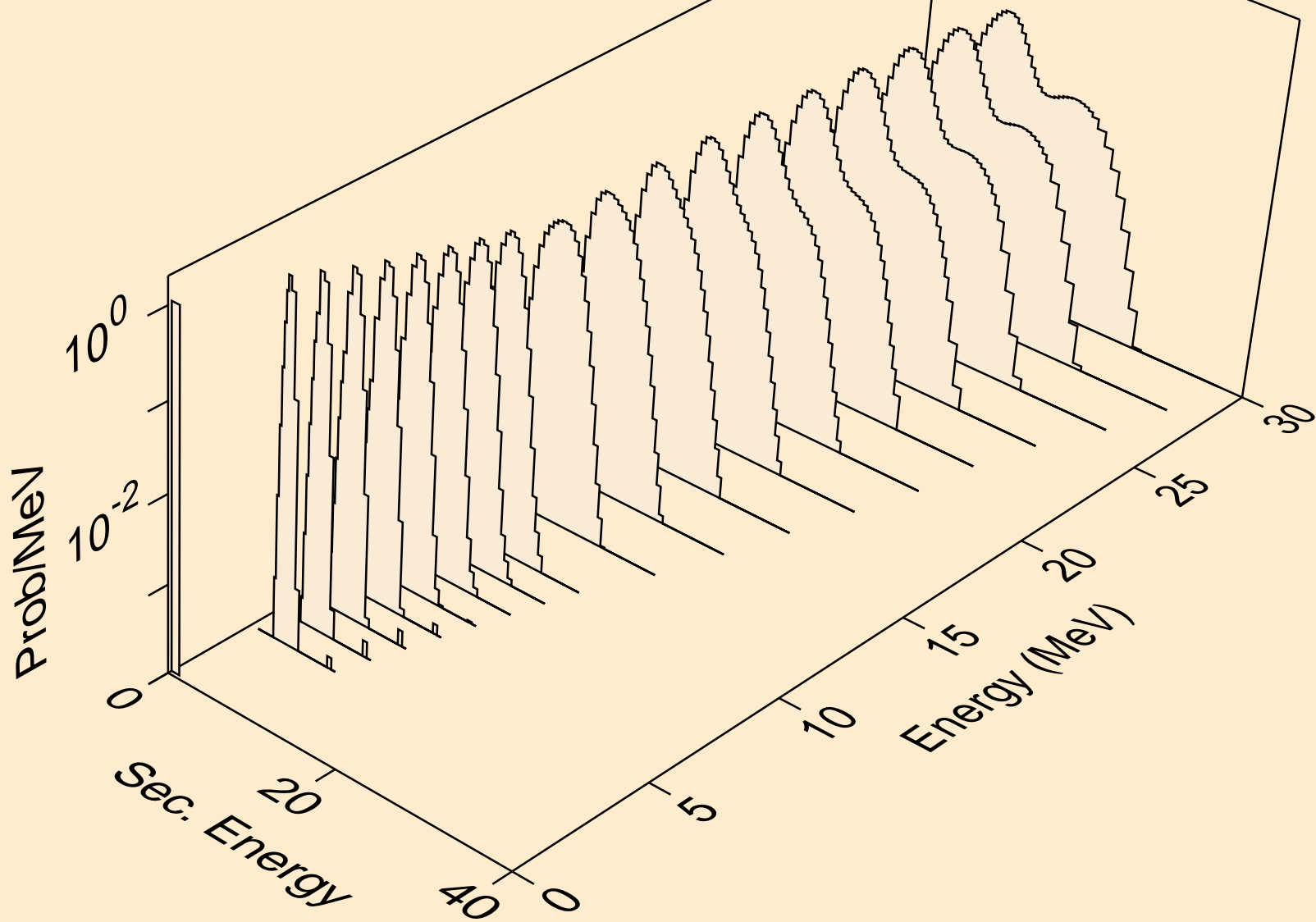


HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,2p)

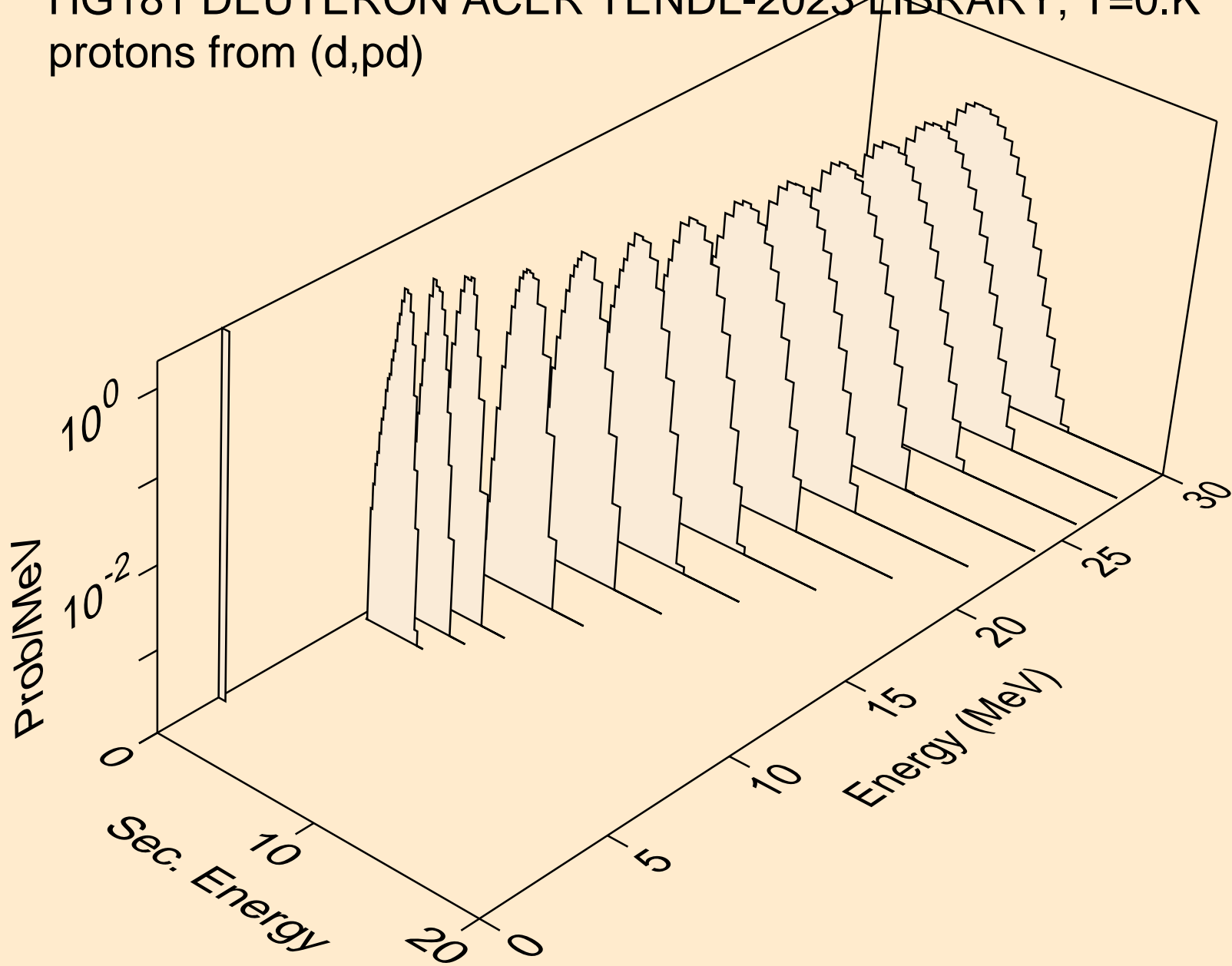




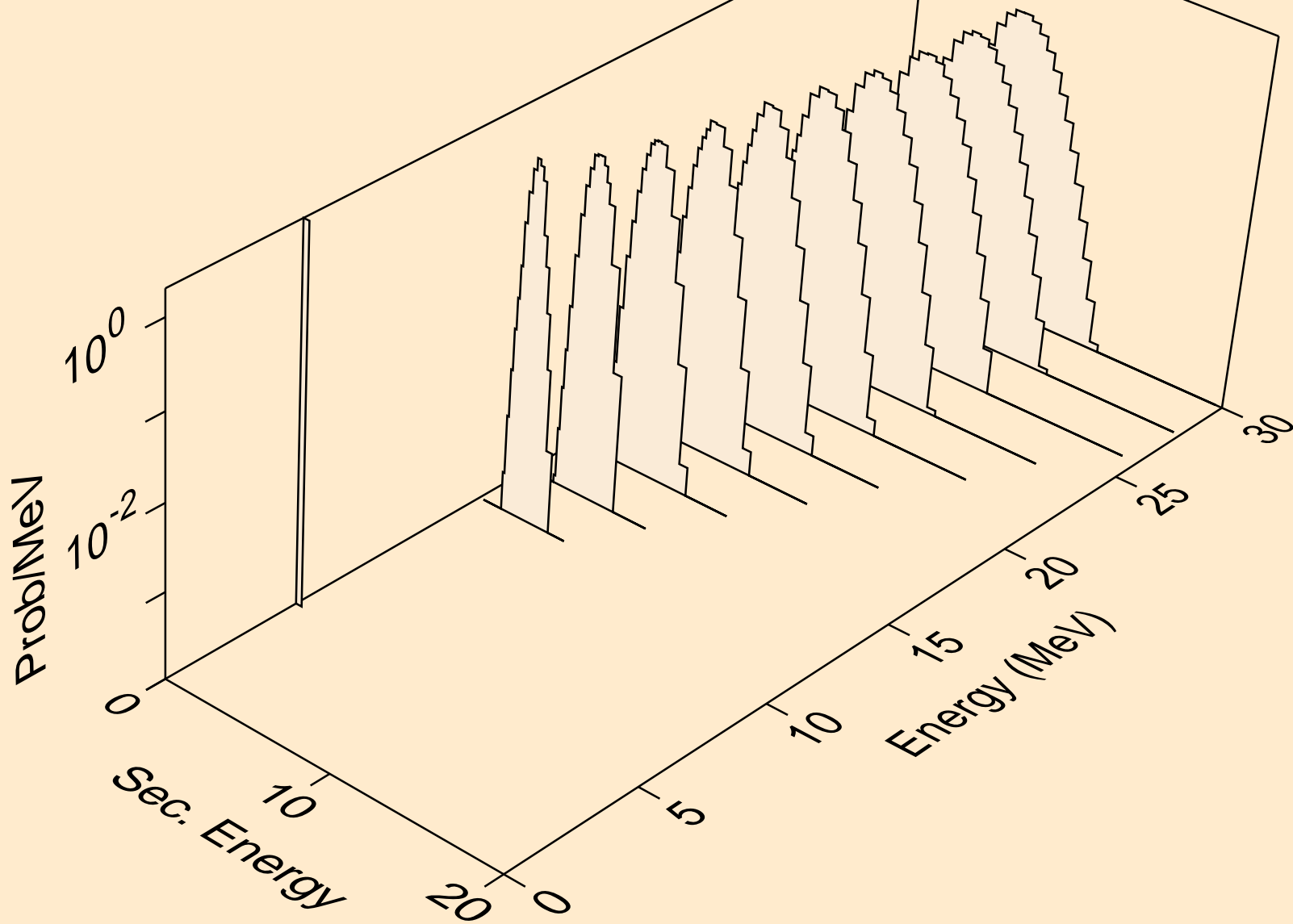
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pa)



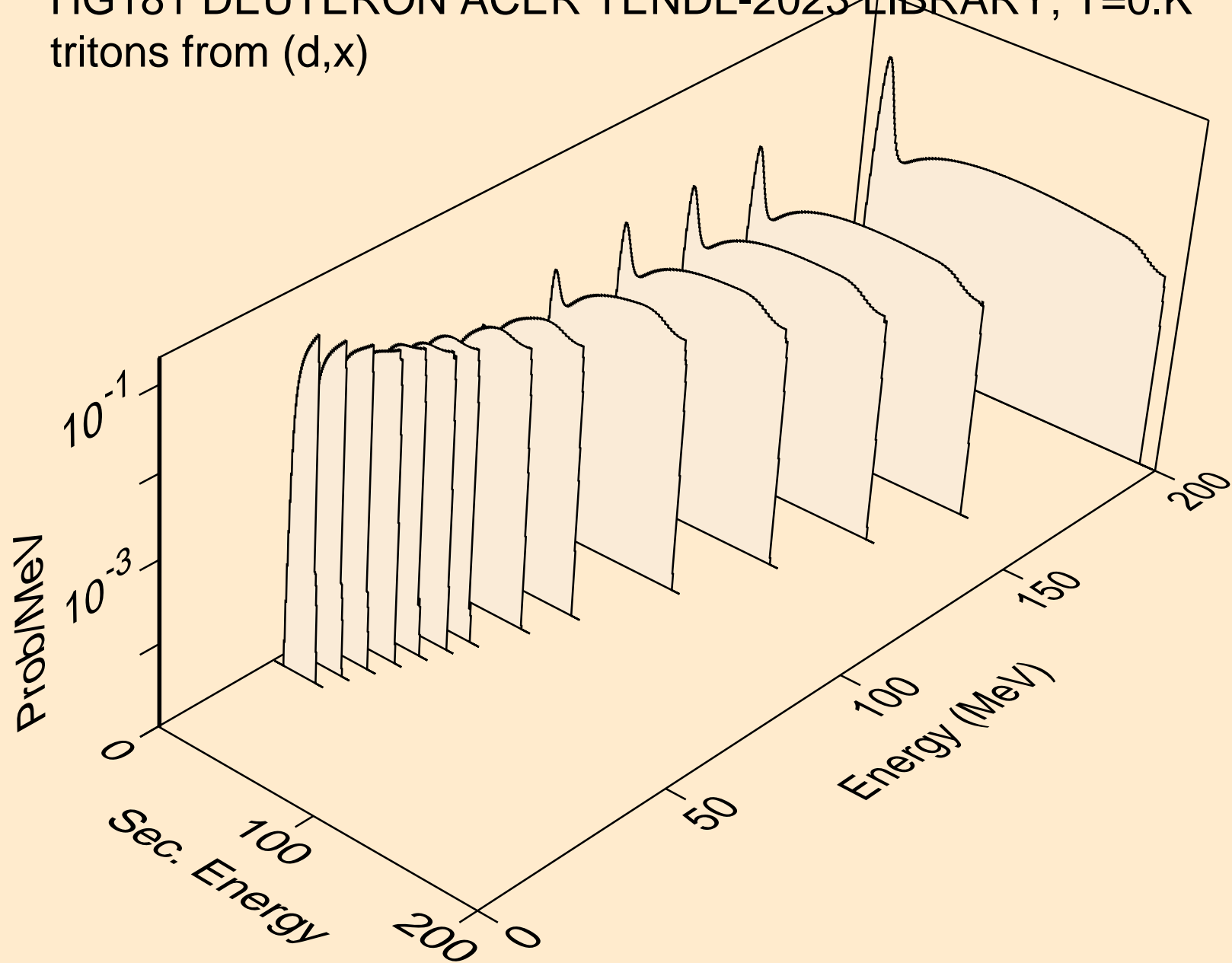
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pd)



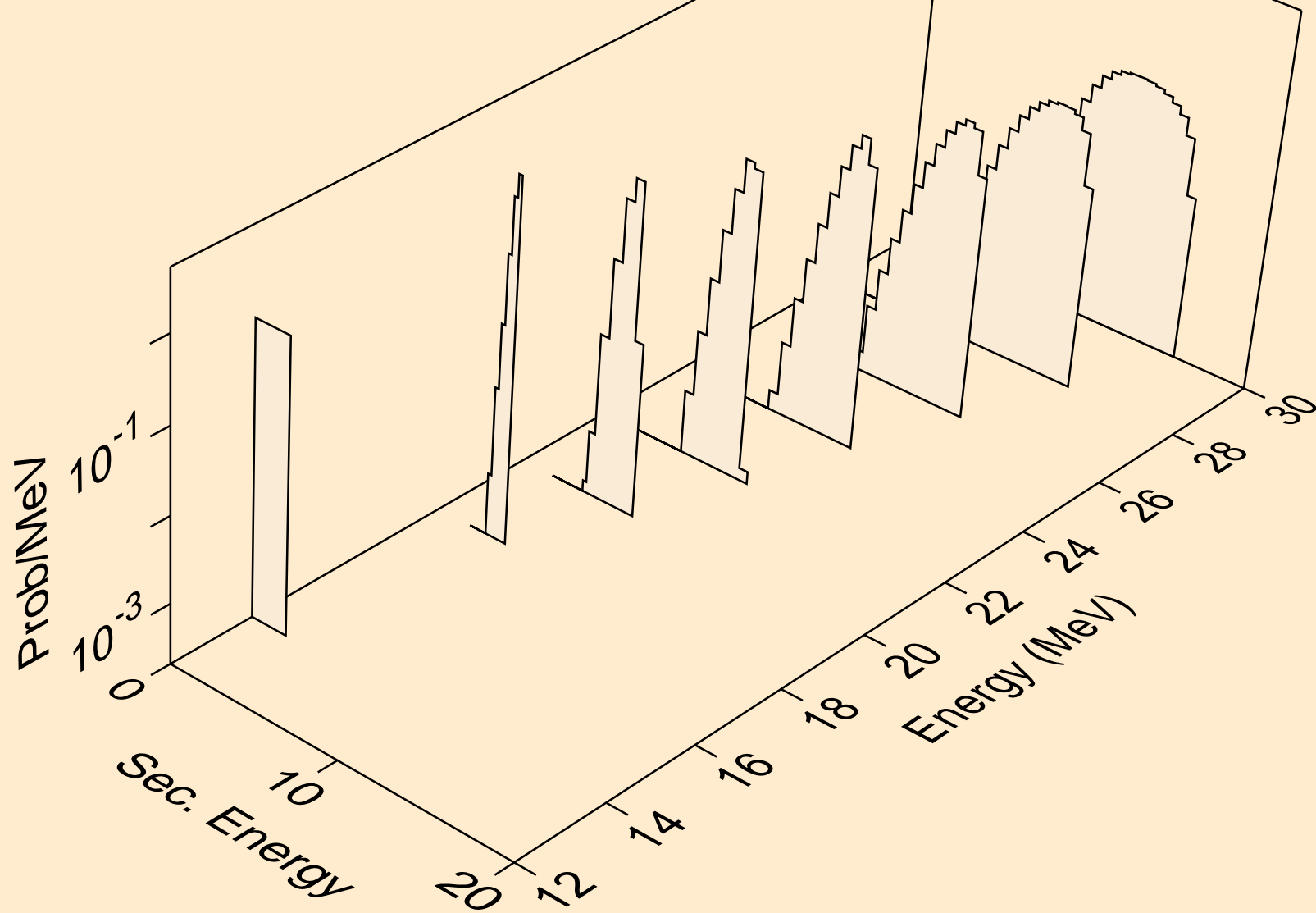
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pt)



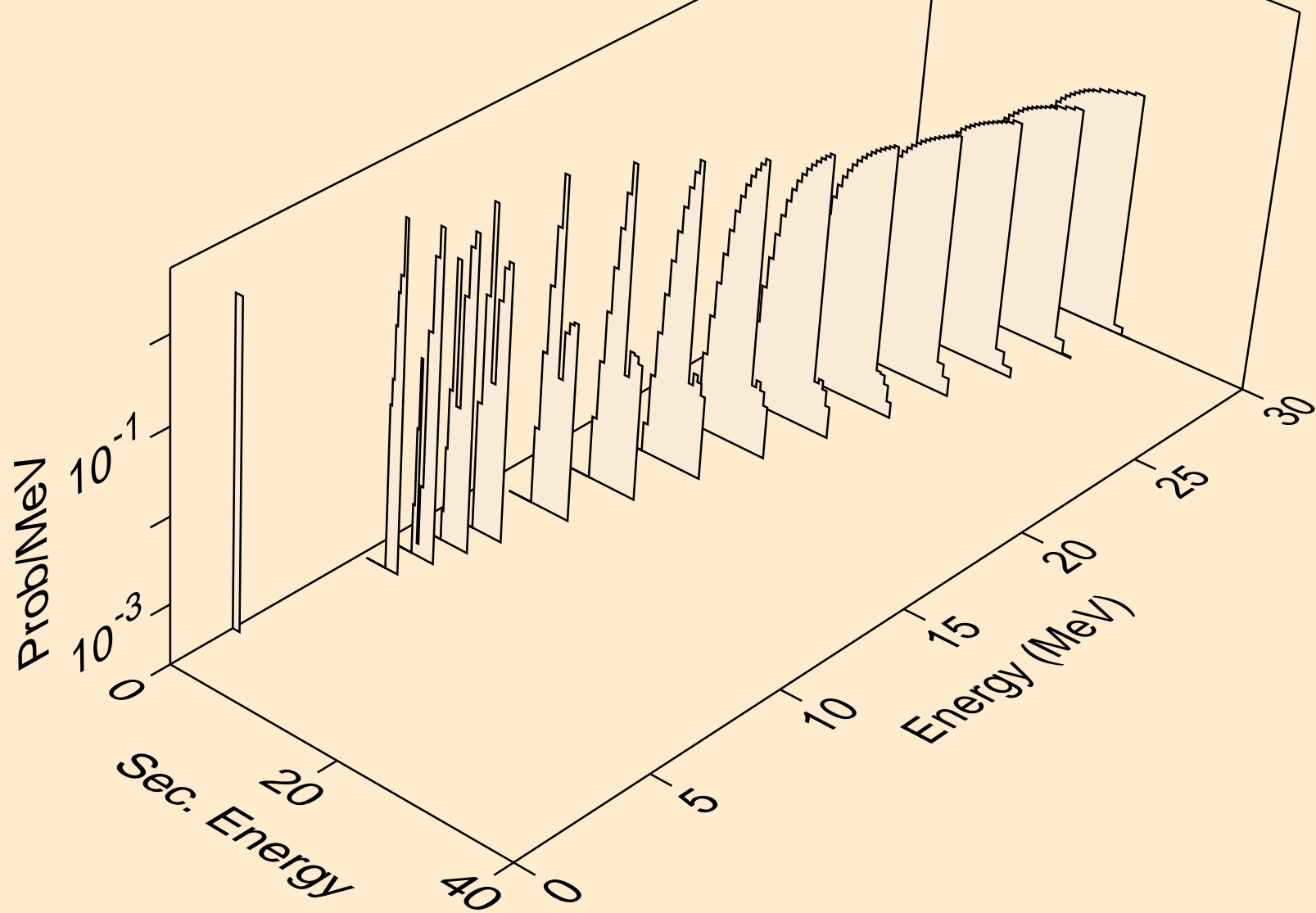
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,x)



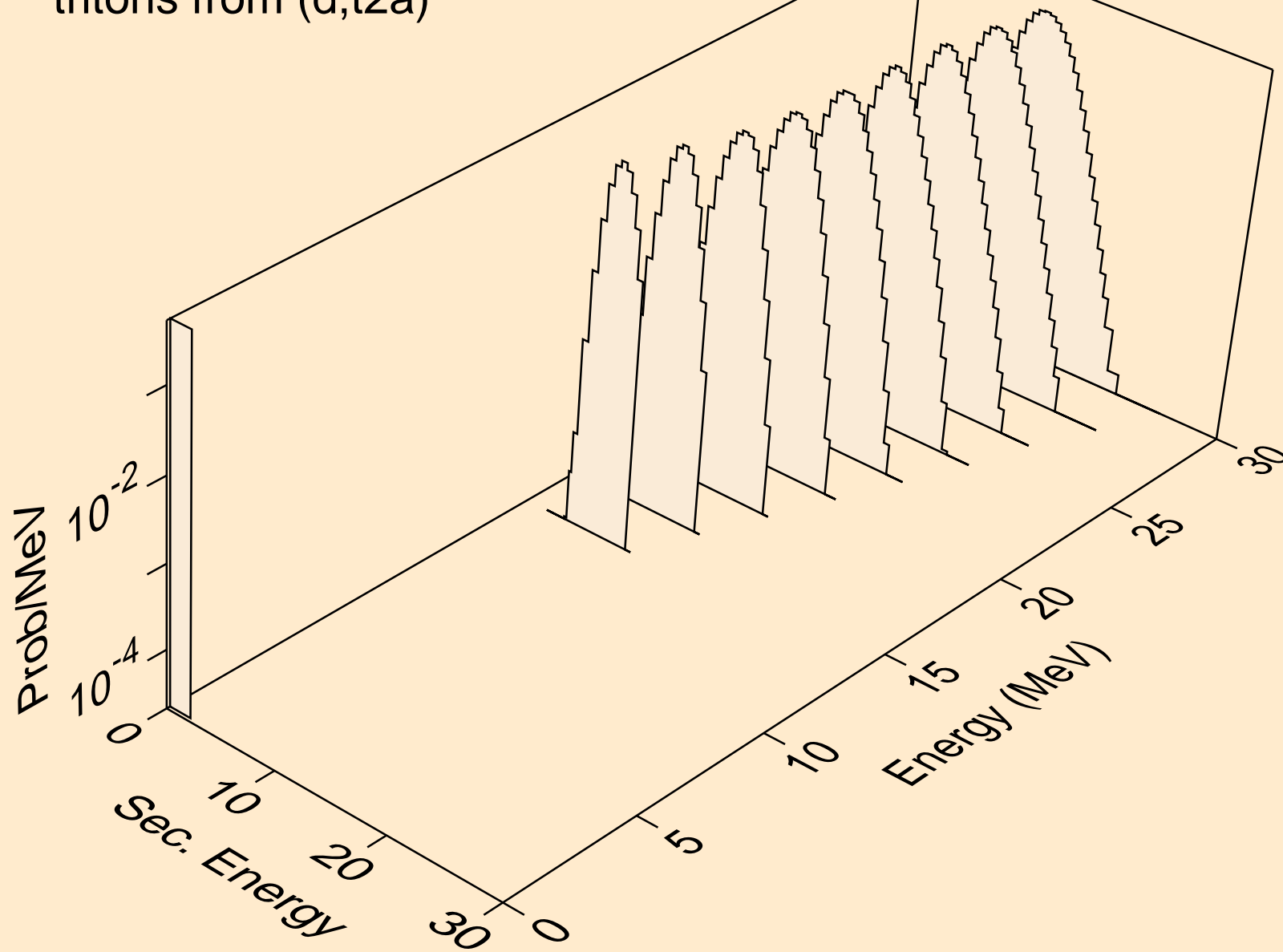
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,n\*)t



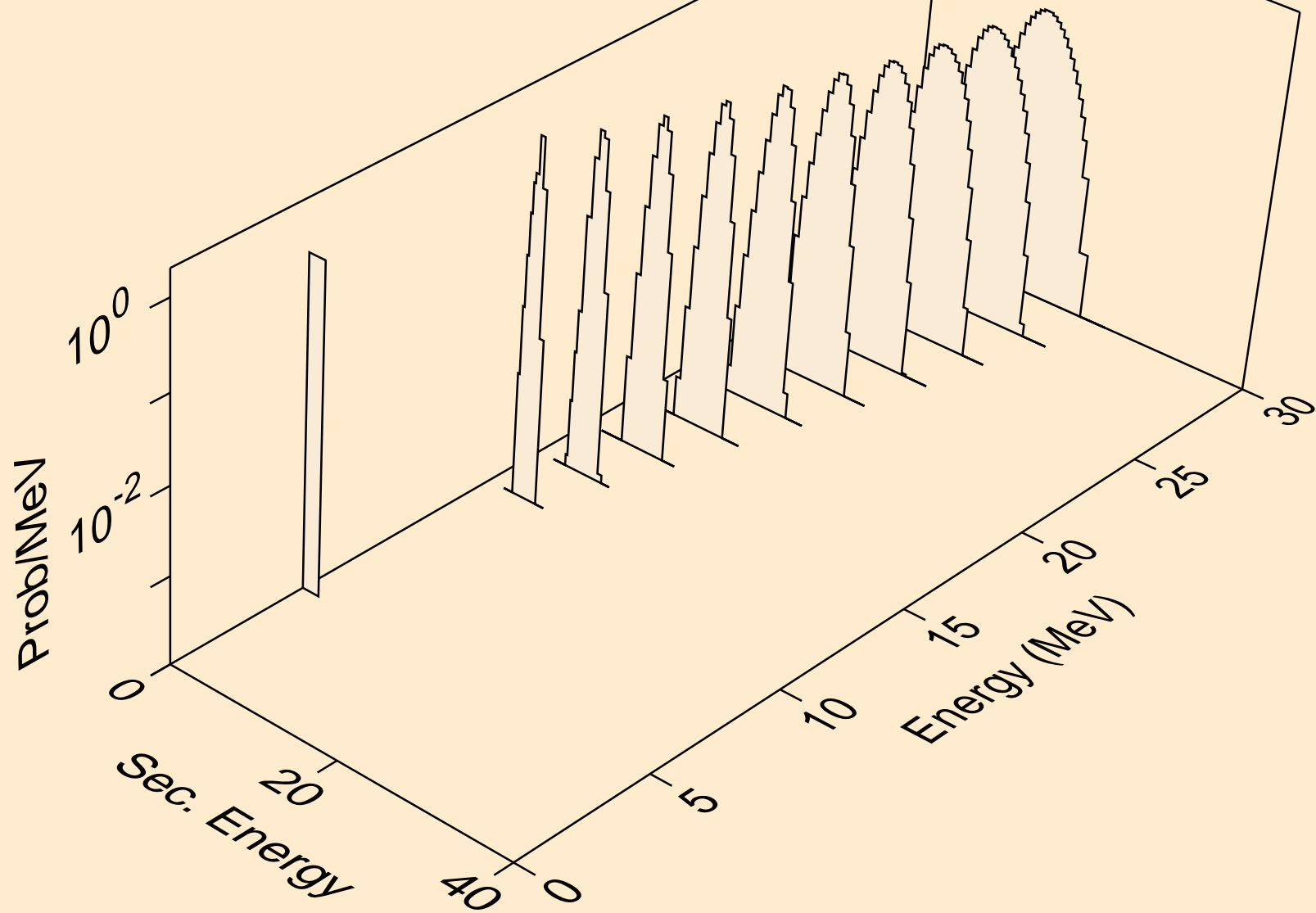
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,t)



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,t2a)

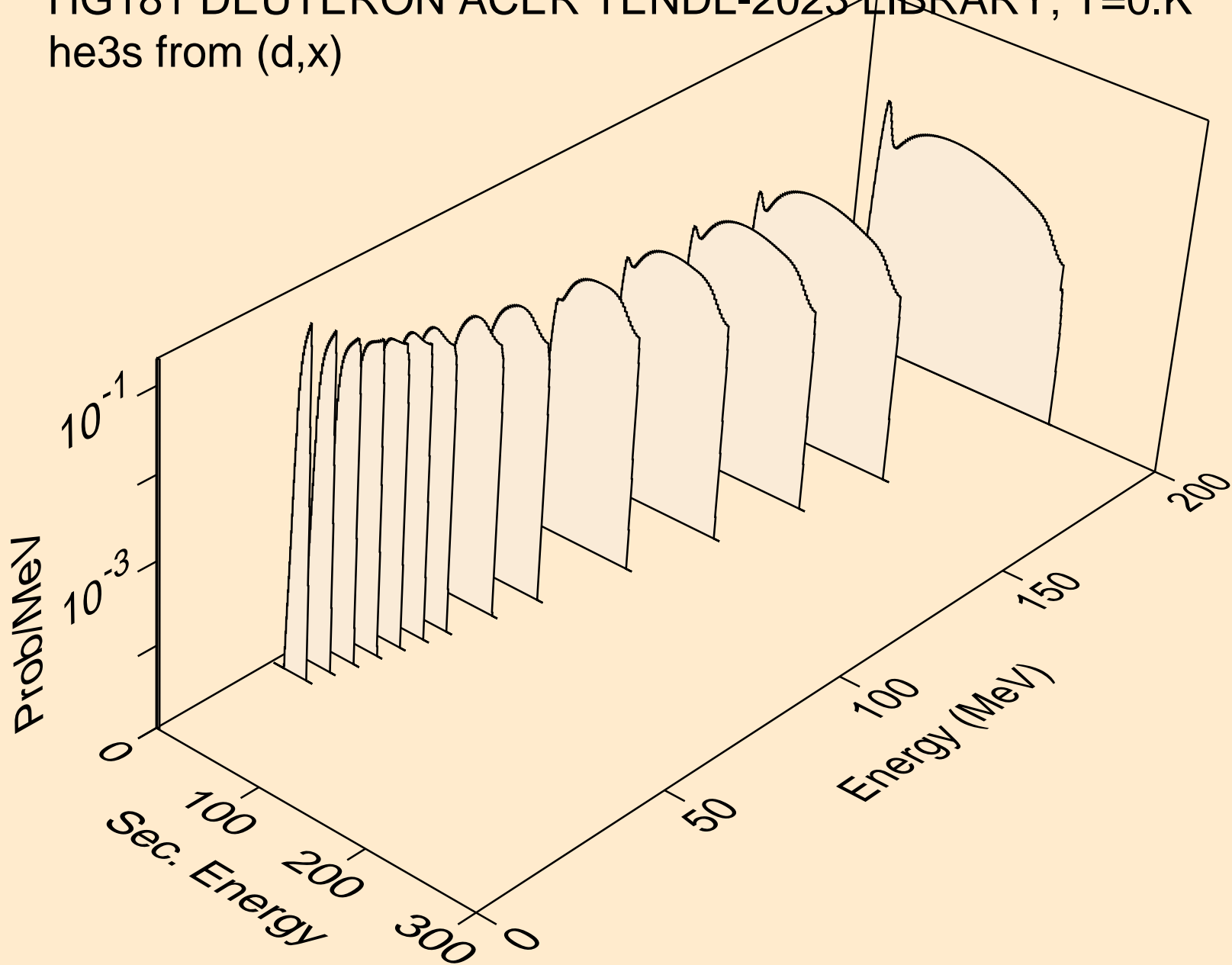


HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,pt)

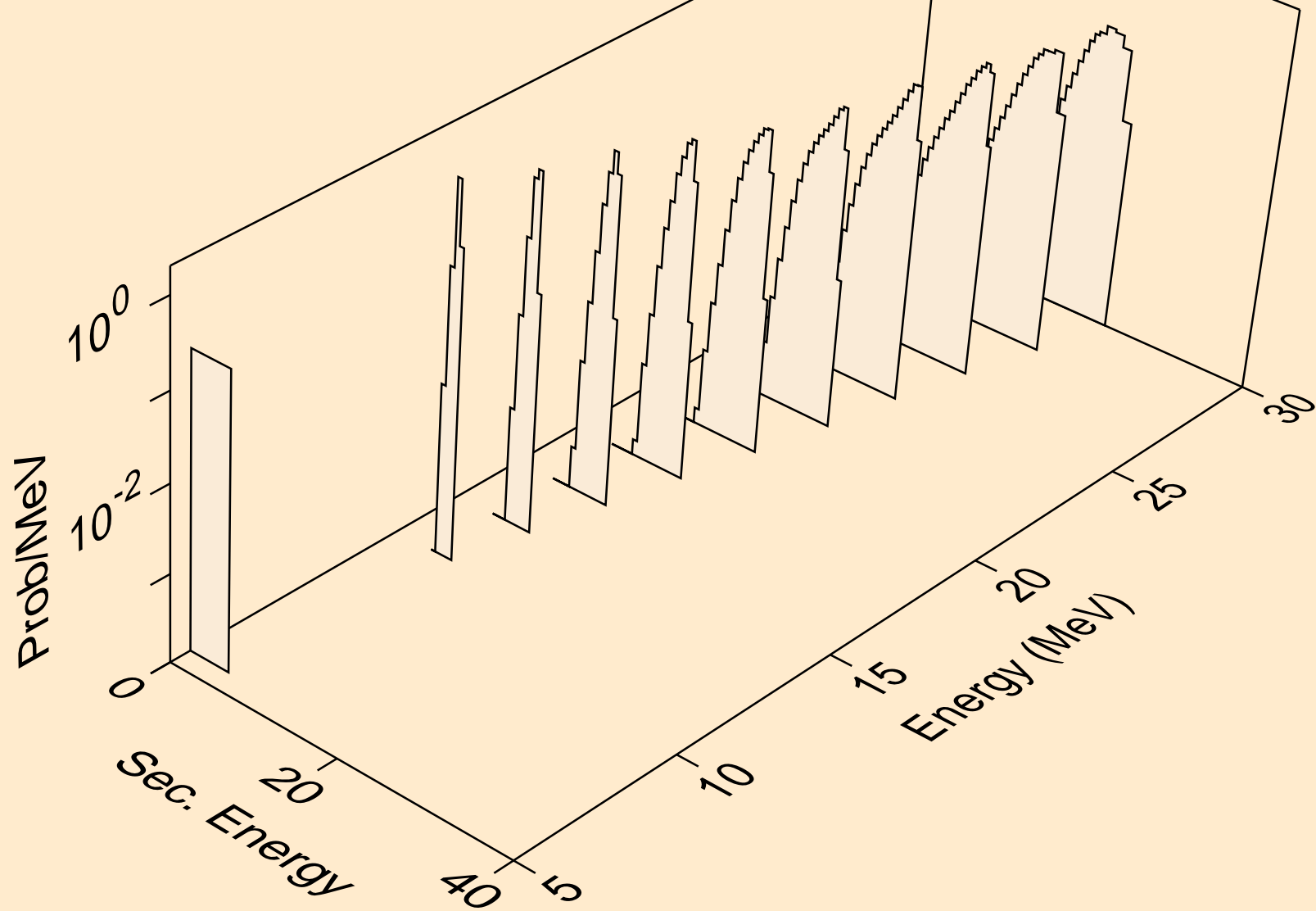




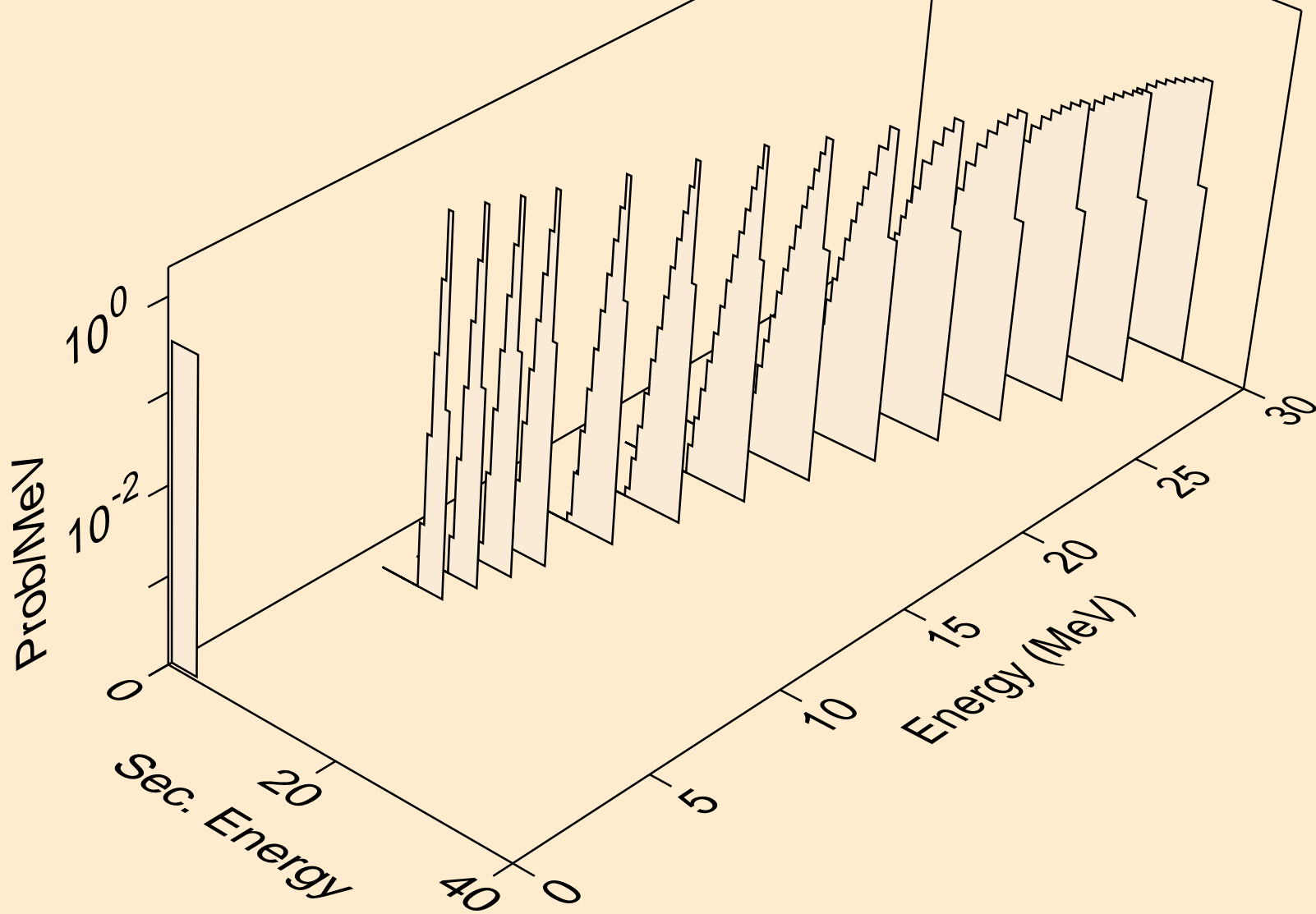
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,x)



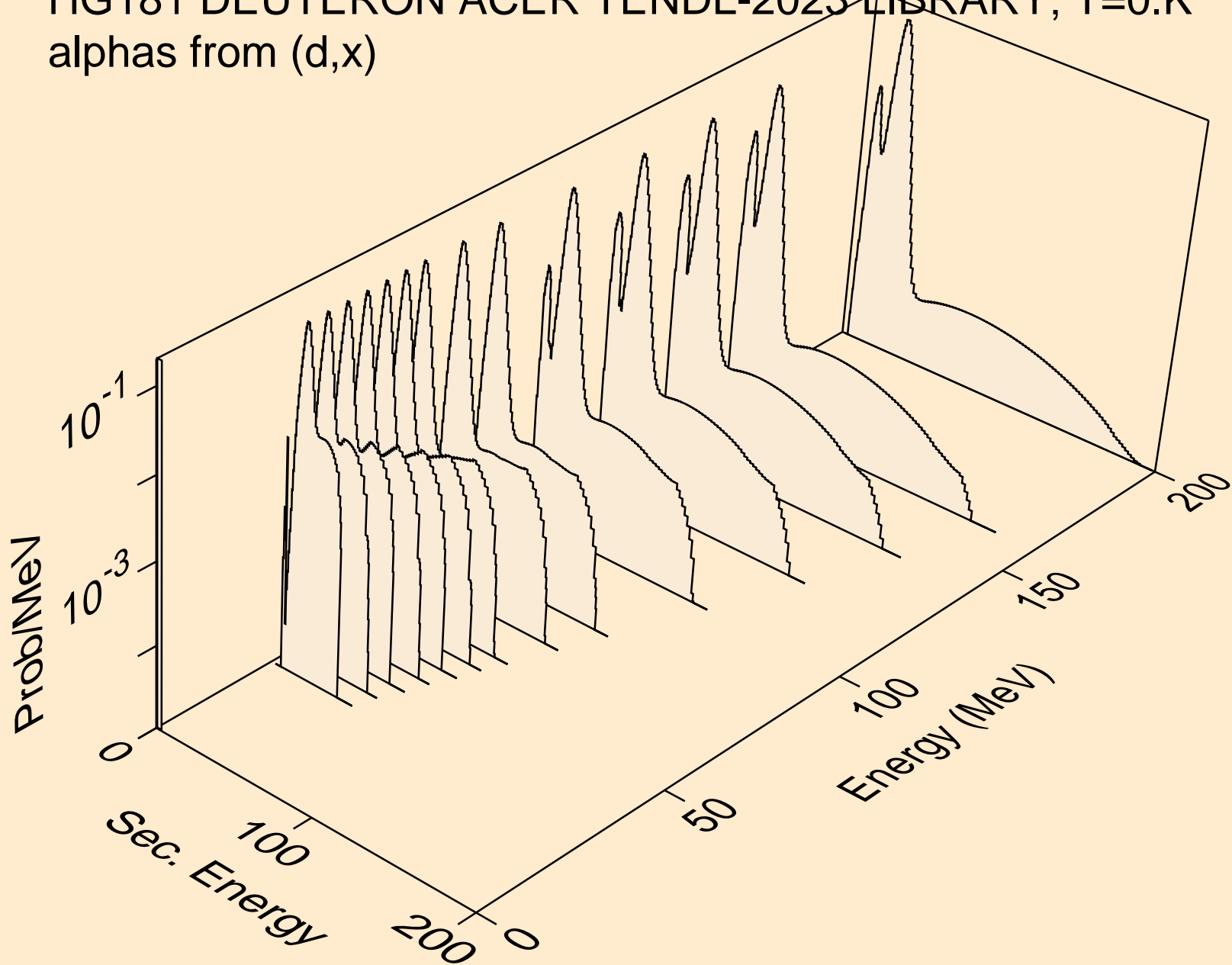
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,n\*)he3



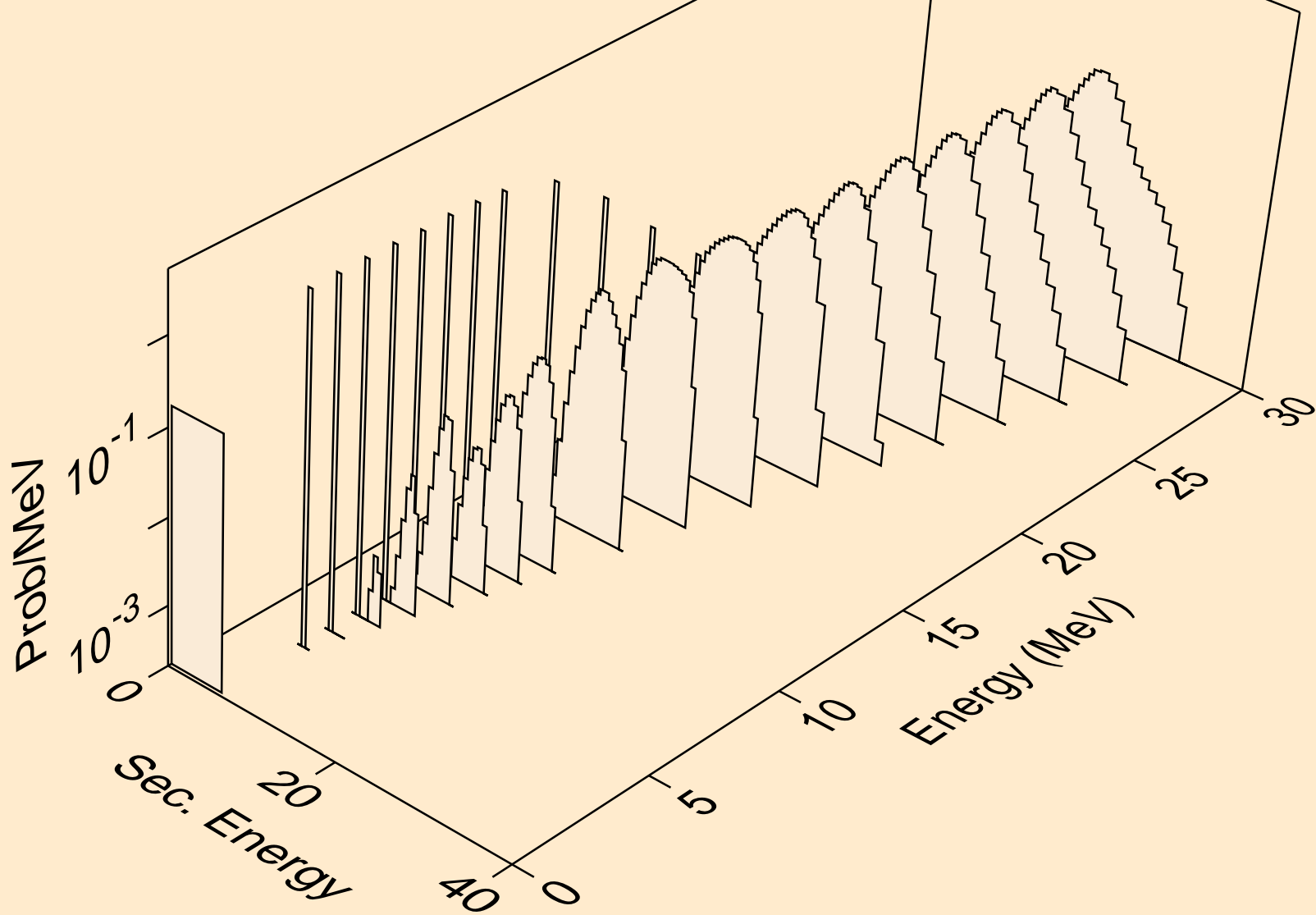
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he3s from (d,he3)



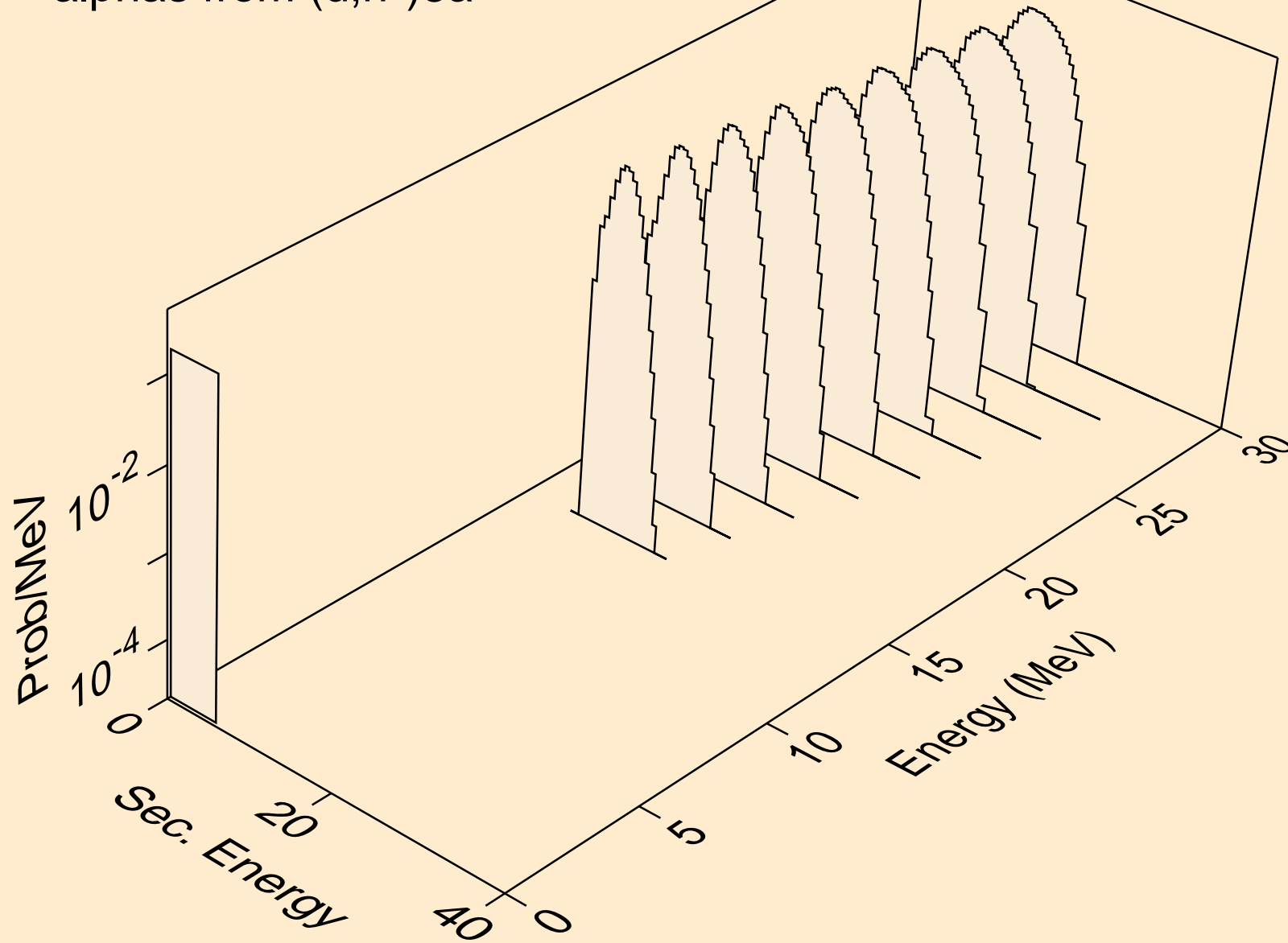
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,x)



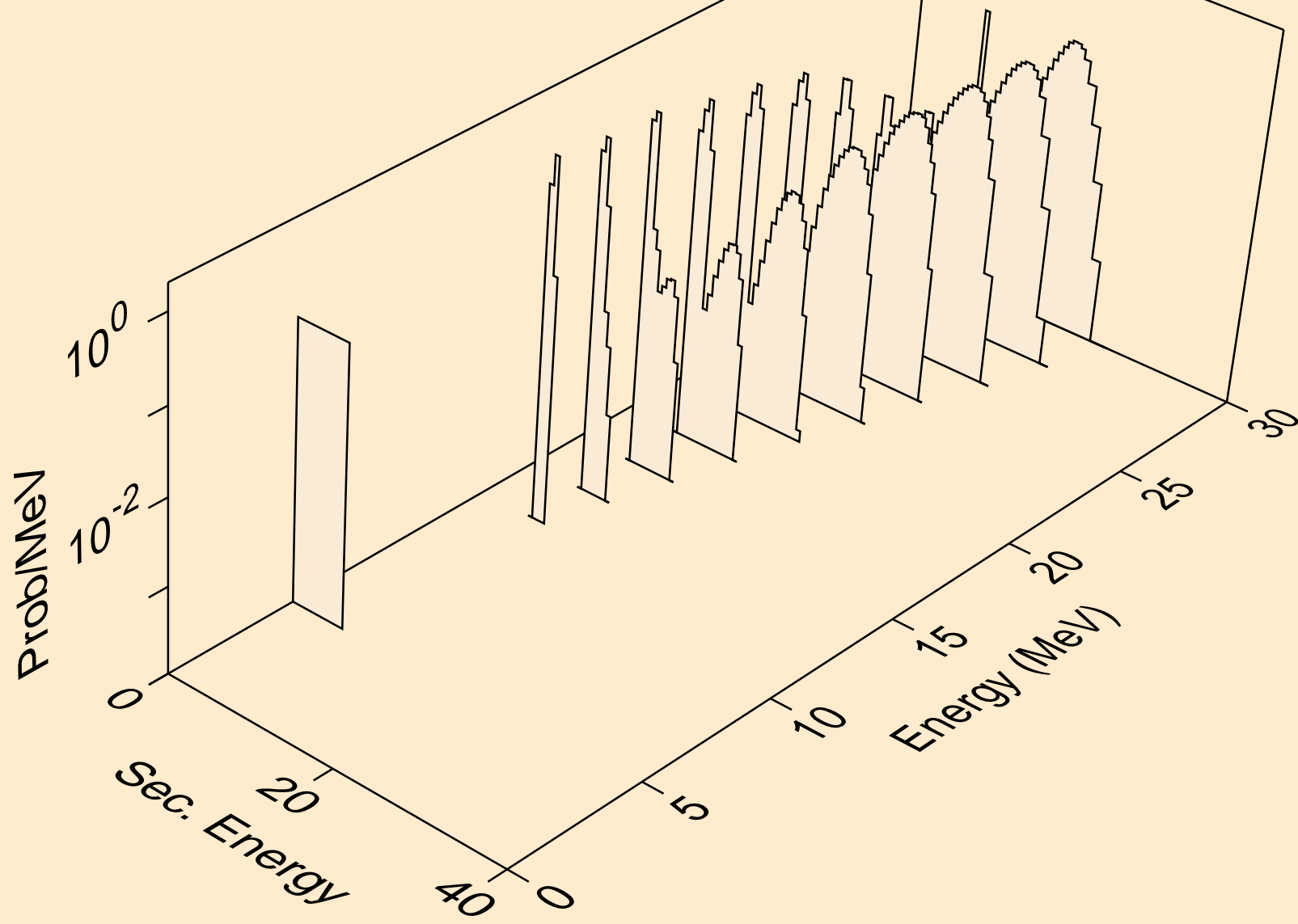
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a



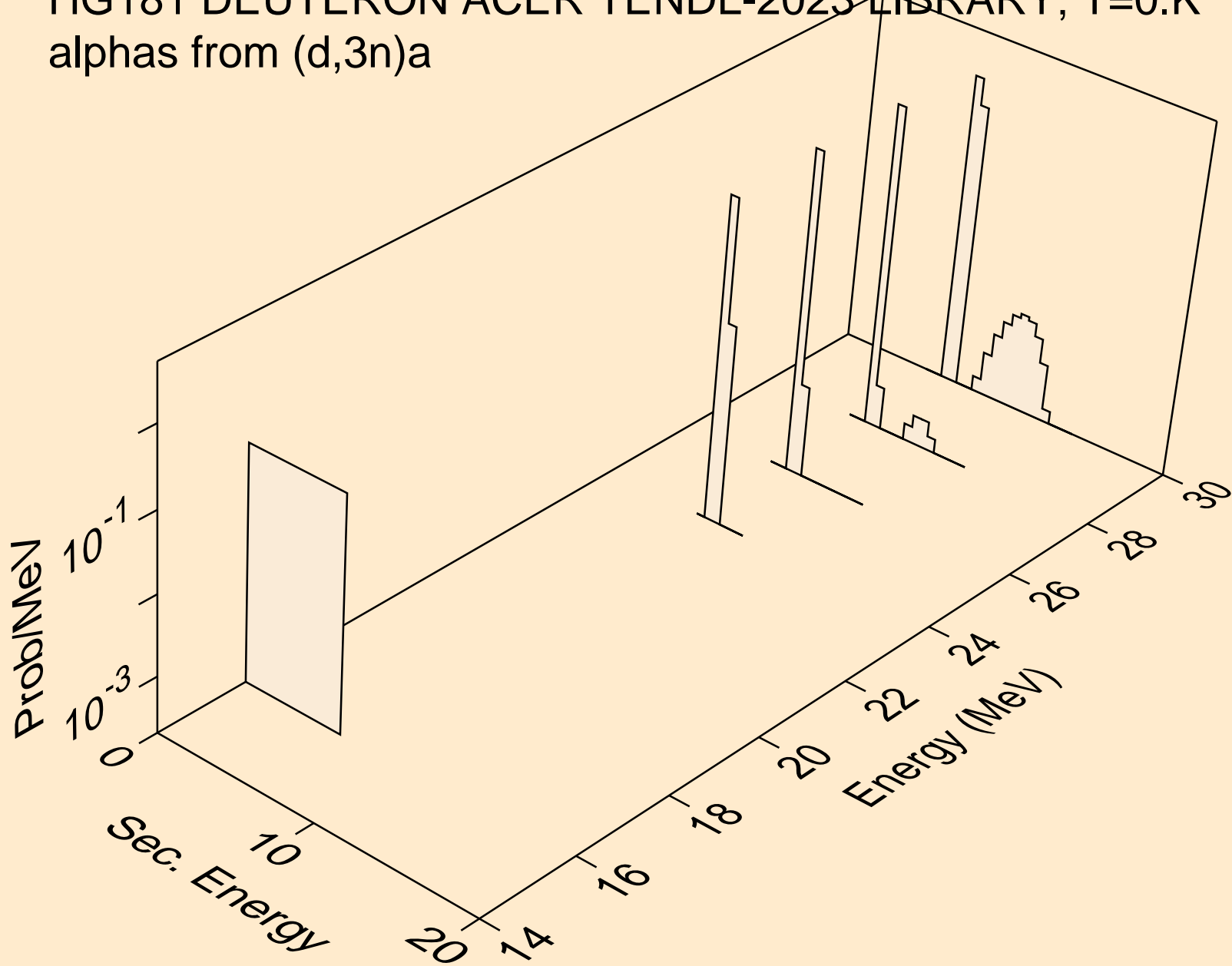
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)3a



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2n)a

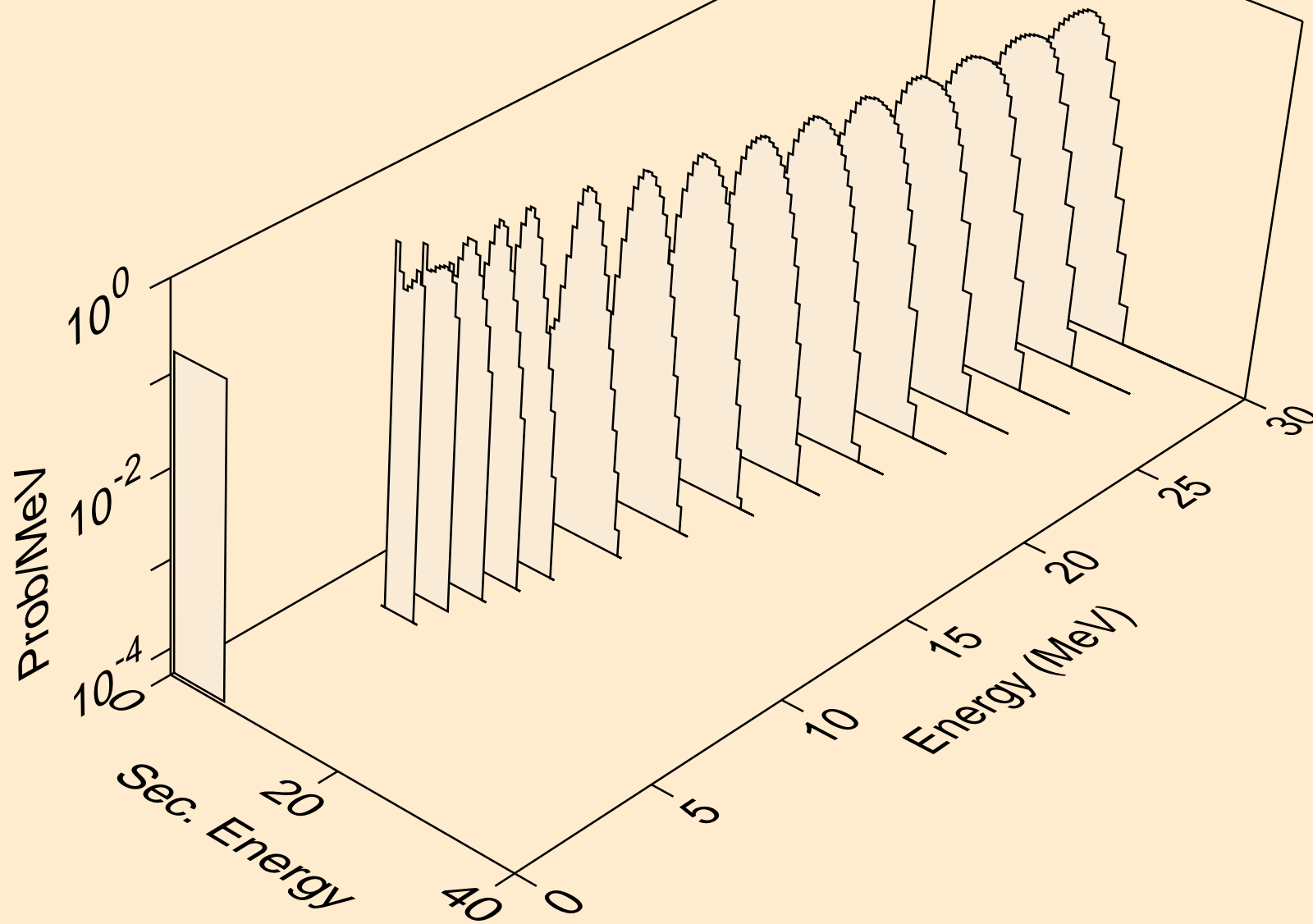


HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,3n)a

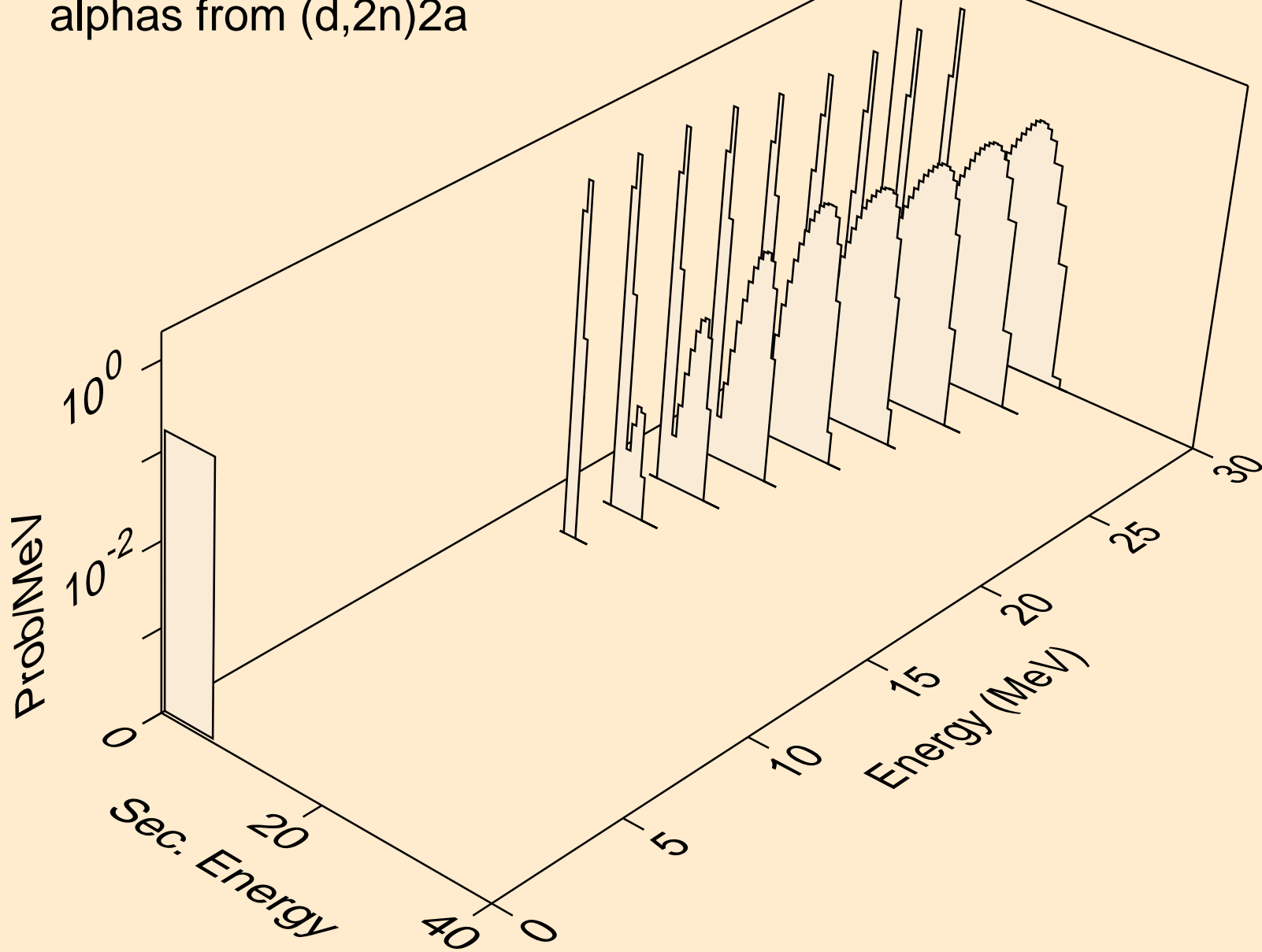




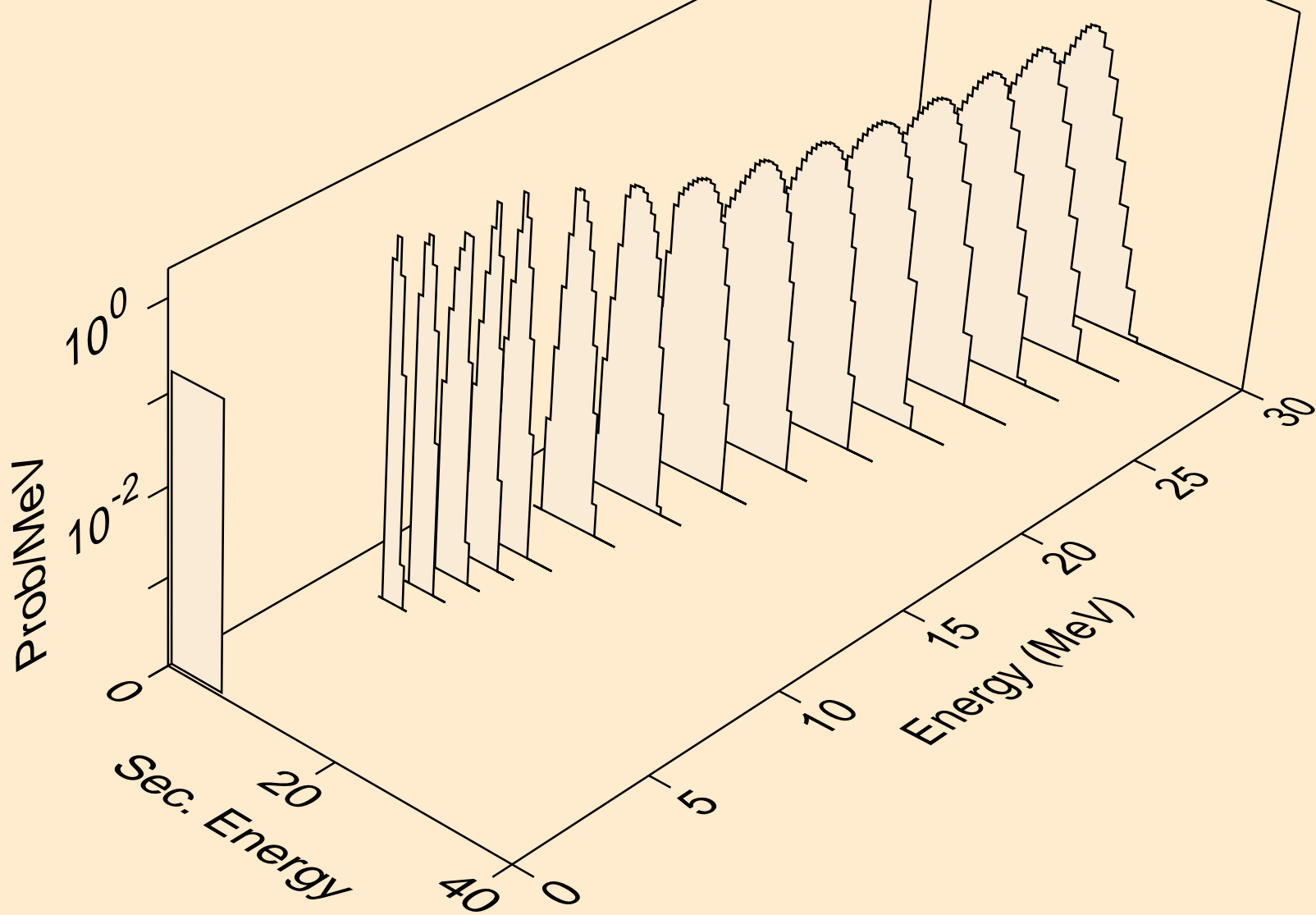
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)2a



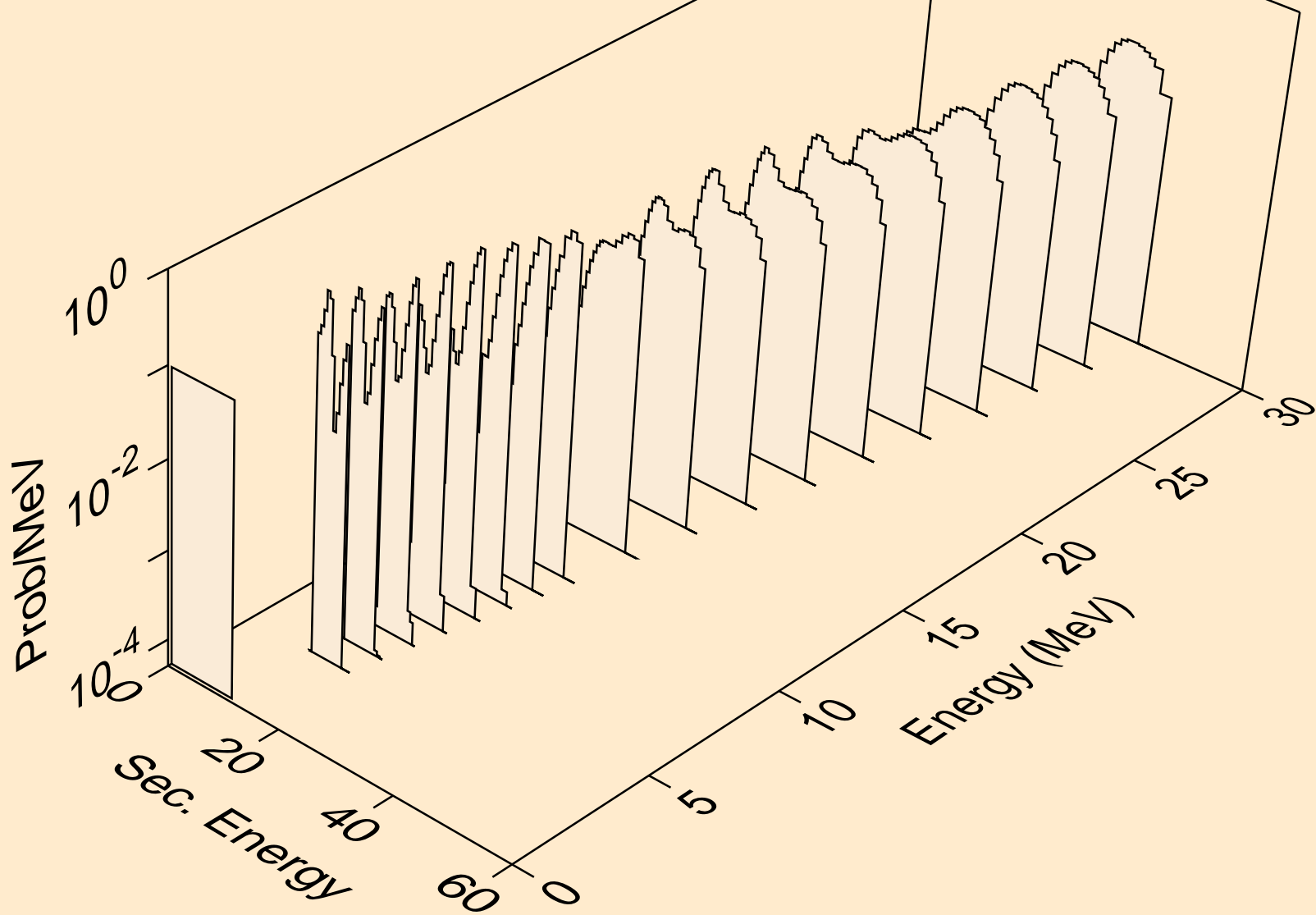
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2n)2a



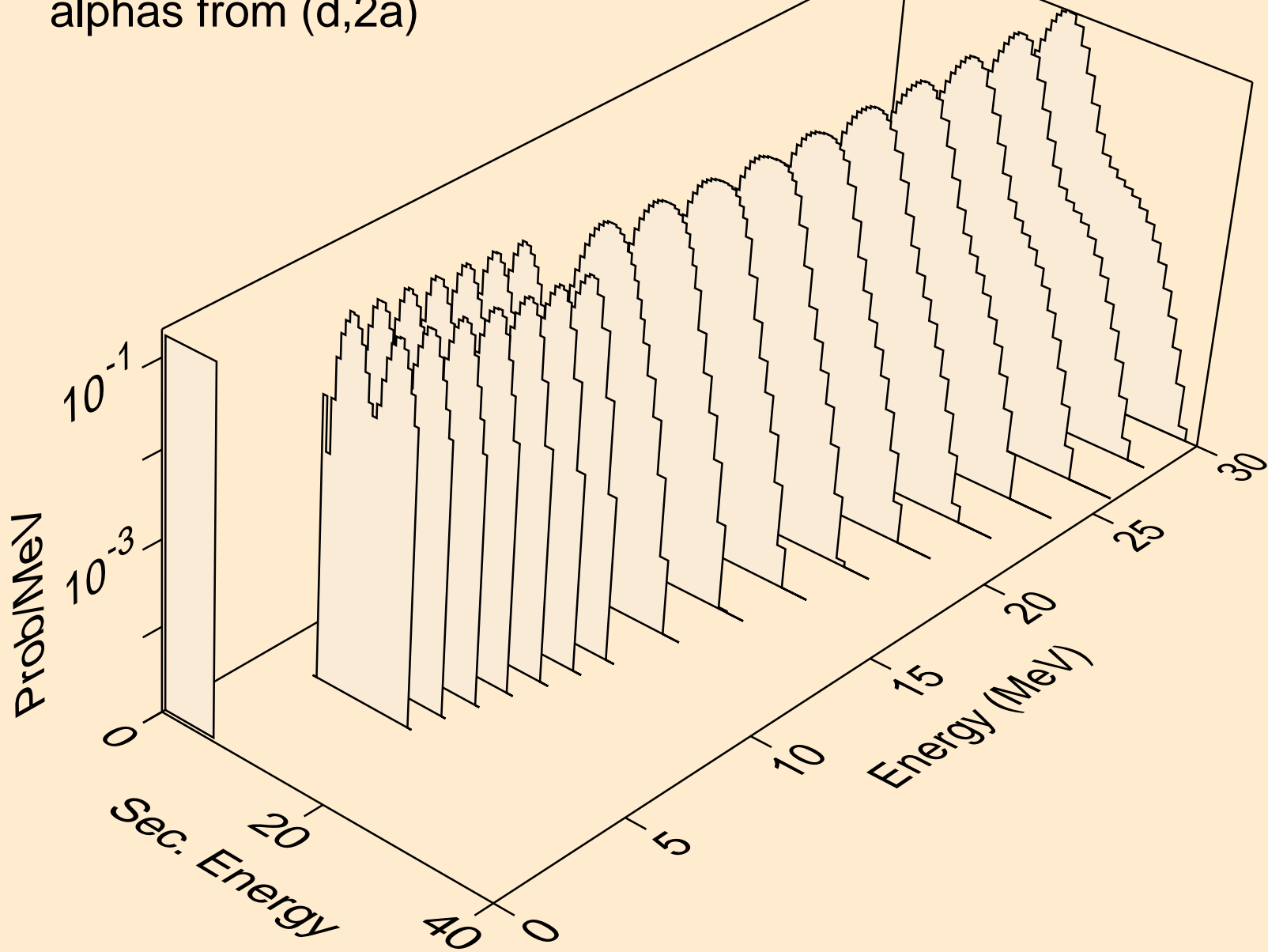
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,npa)



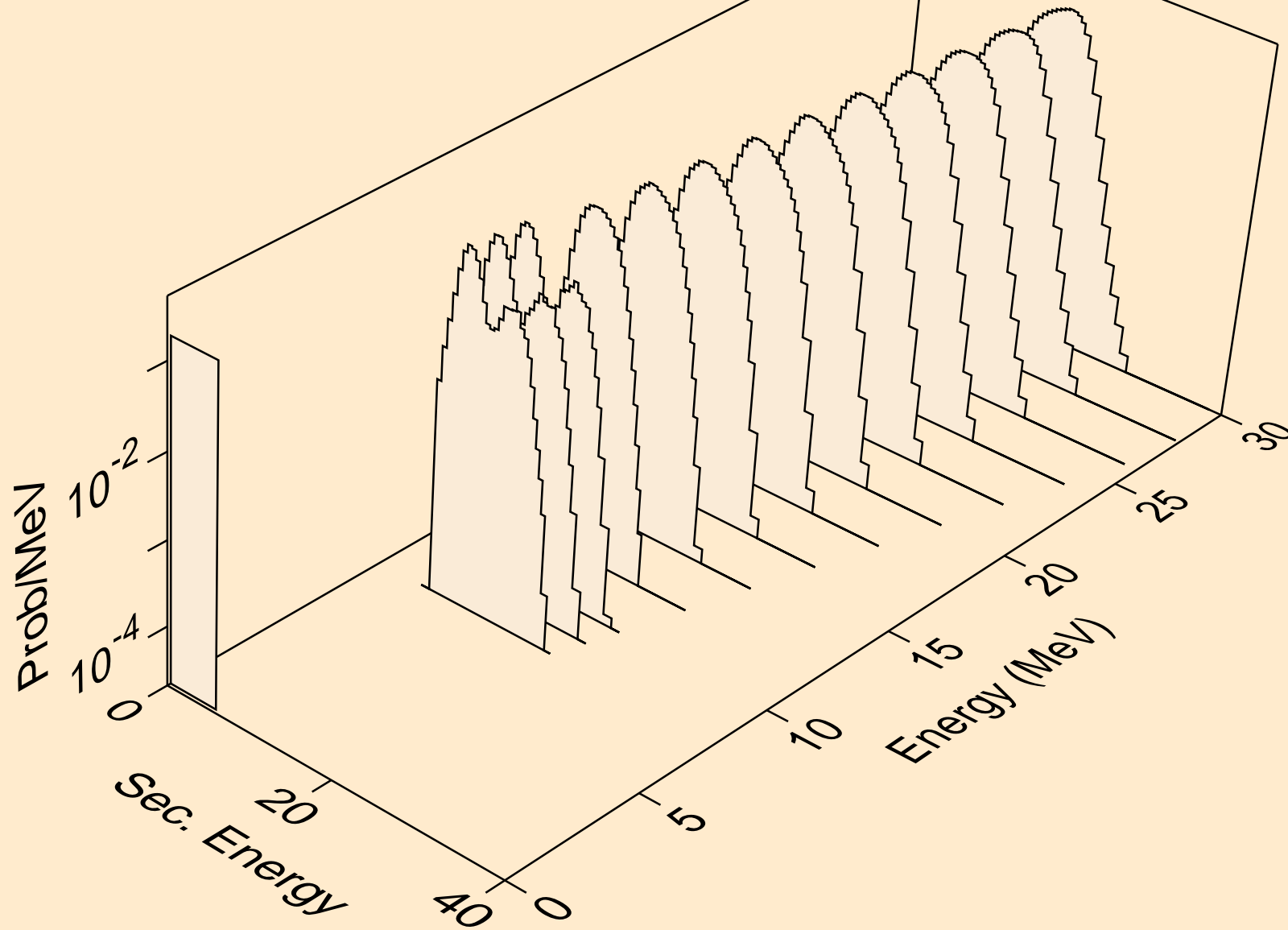
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alphas from (d,a)



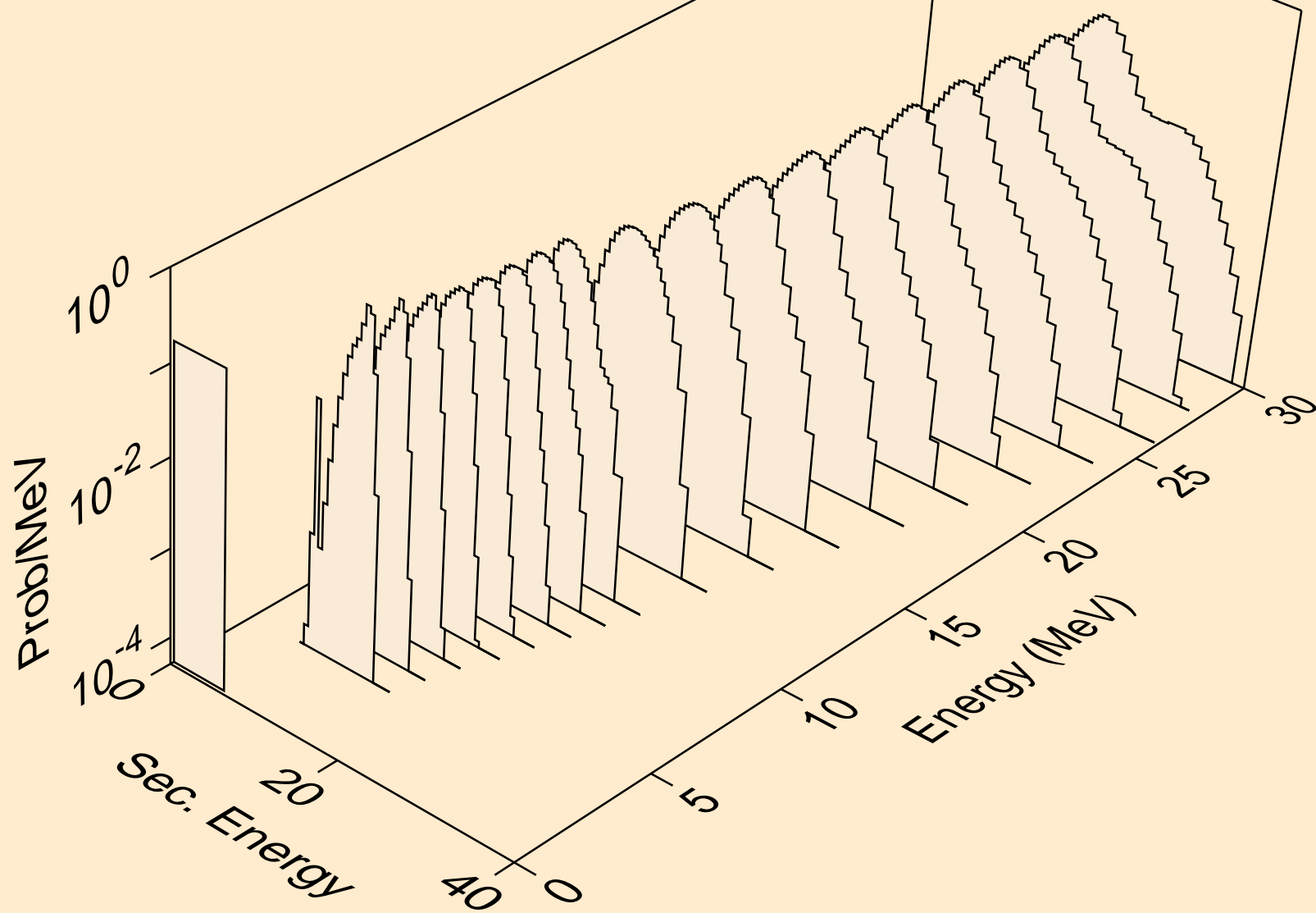
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alphas from (d,2a)



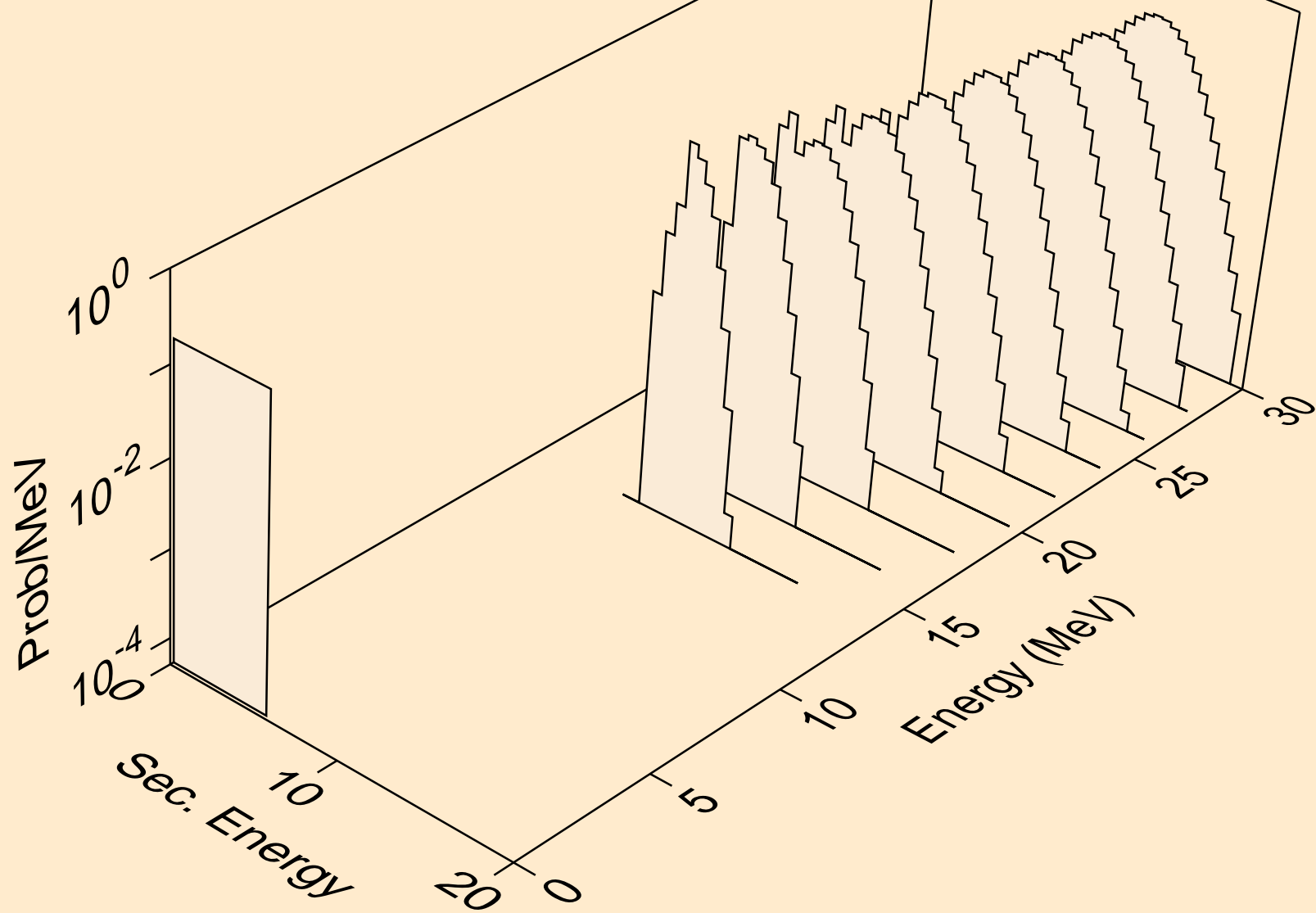
HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,3a)



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)

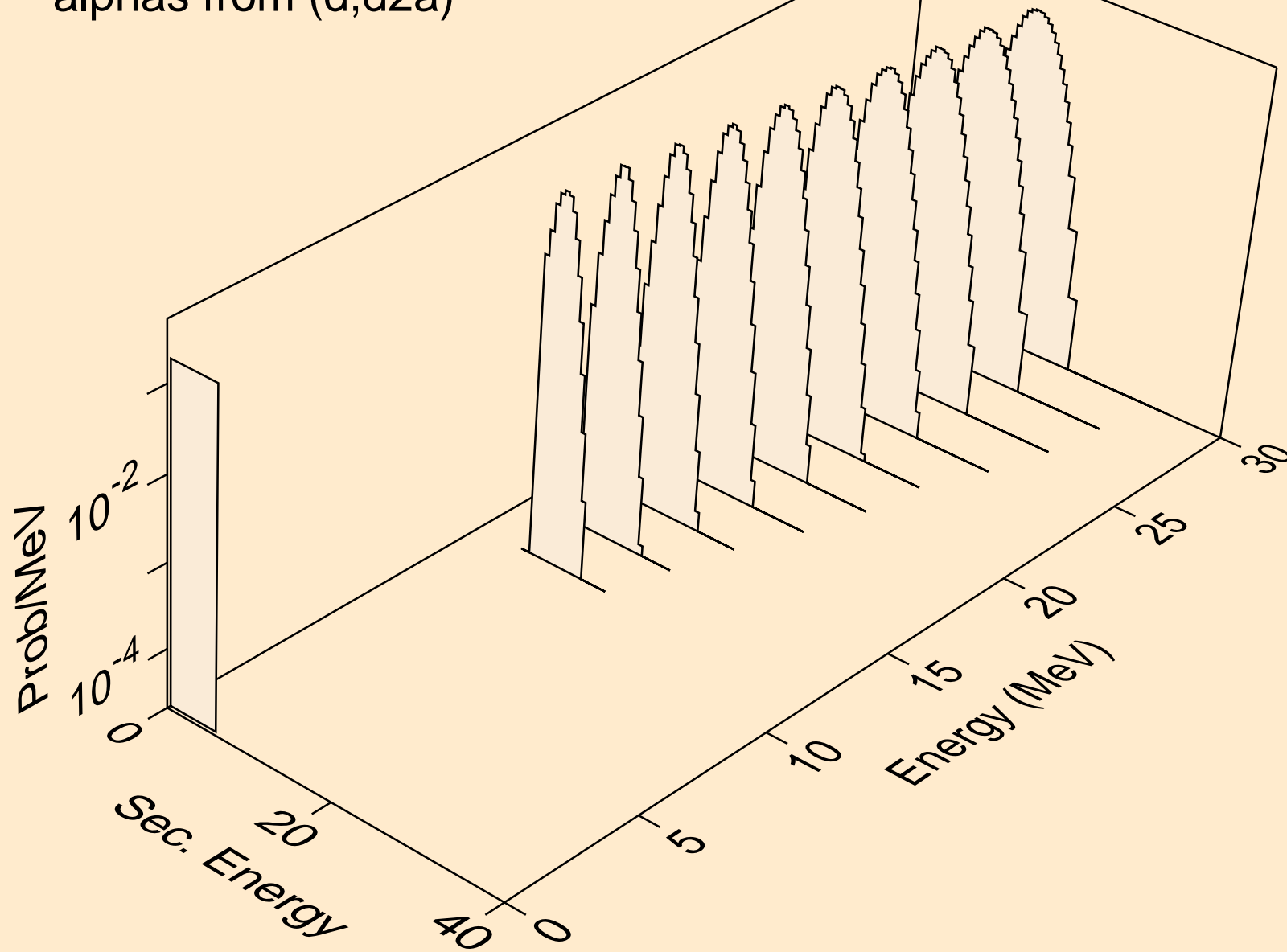


HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,t2a)





HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,d2a)



HG181 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

