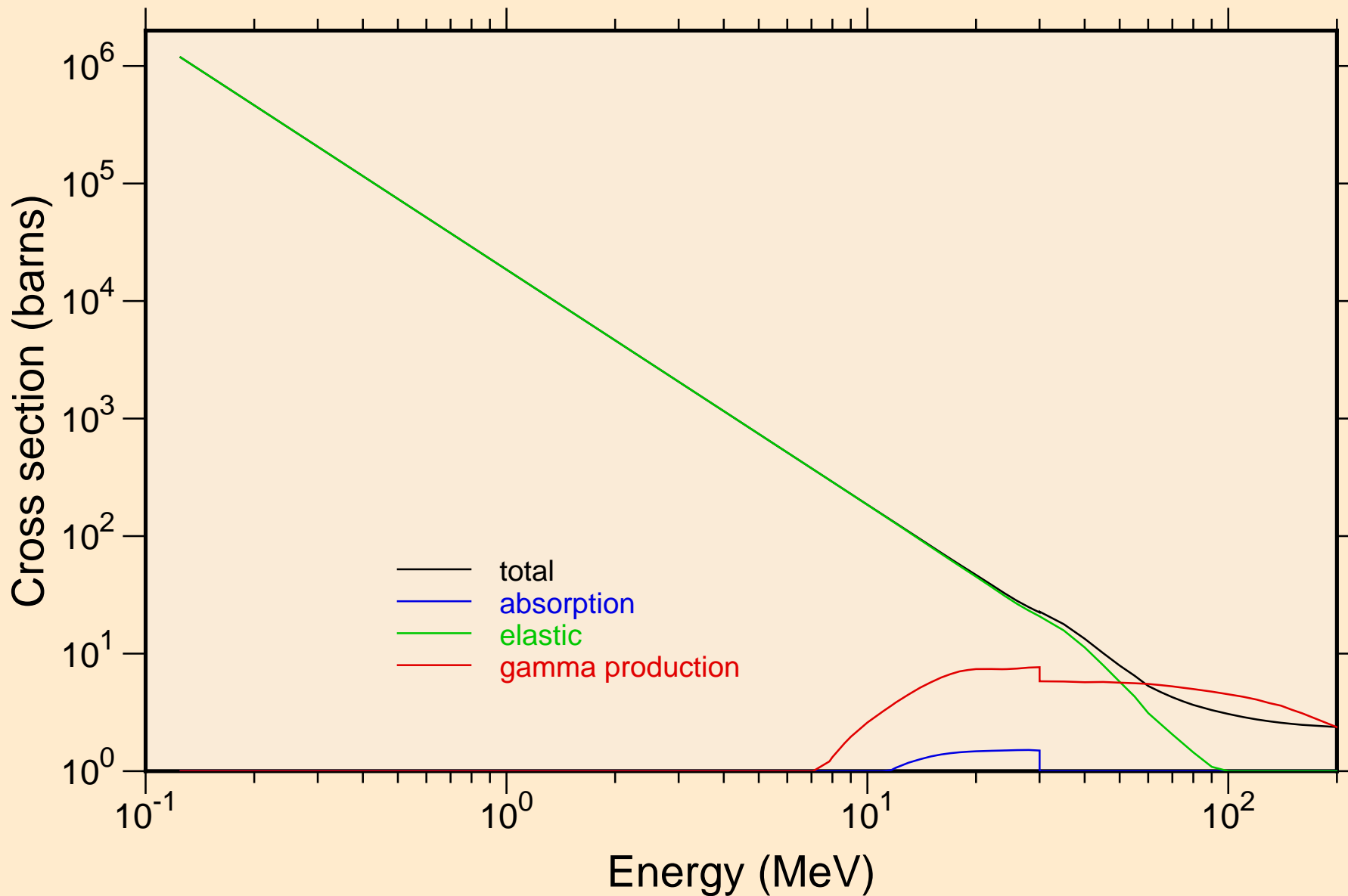
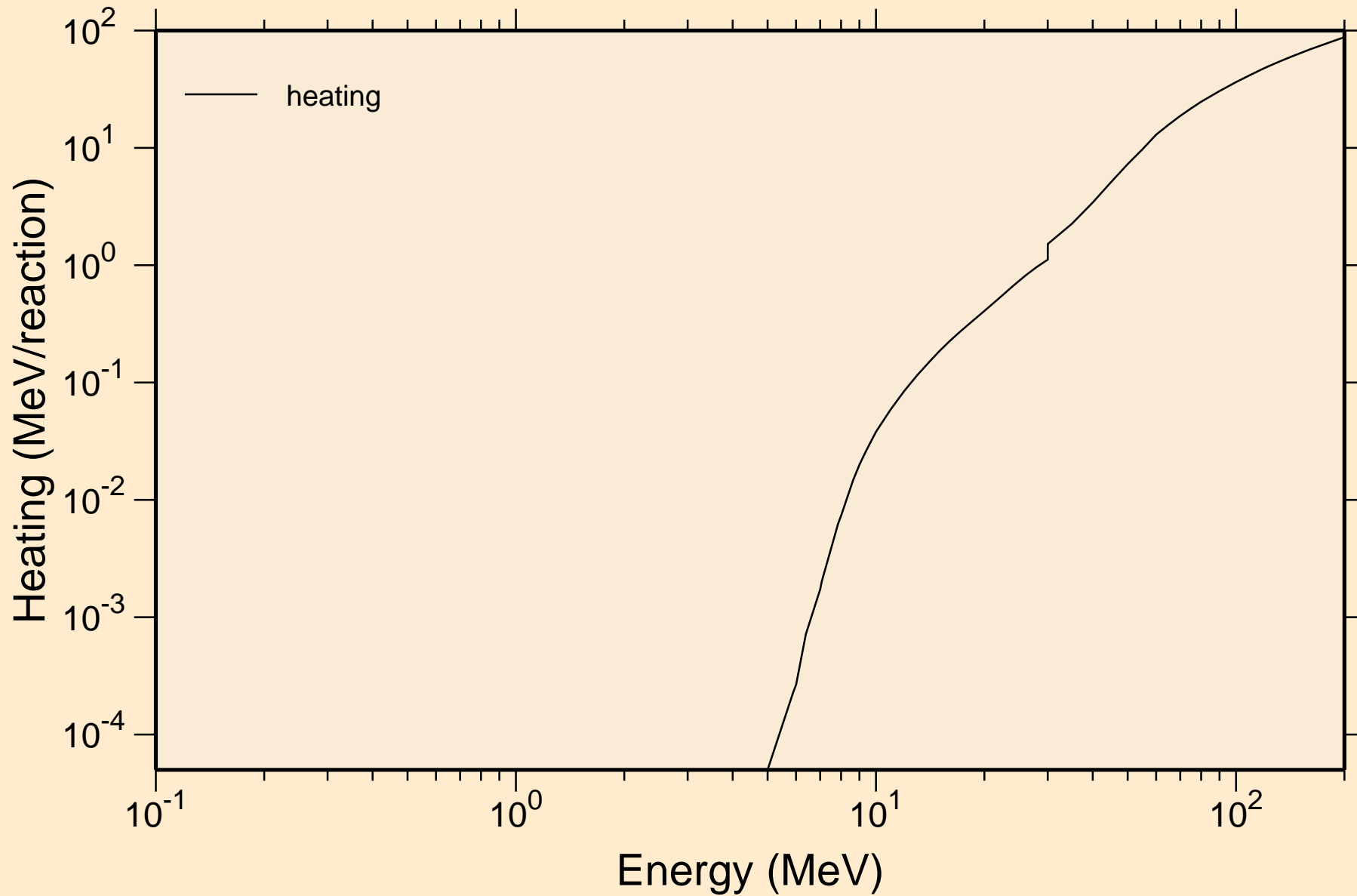


# XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

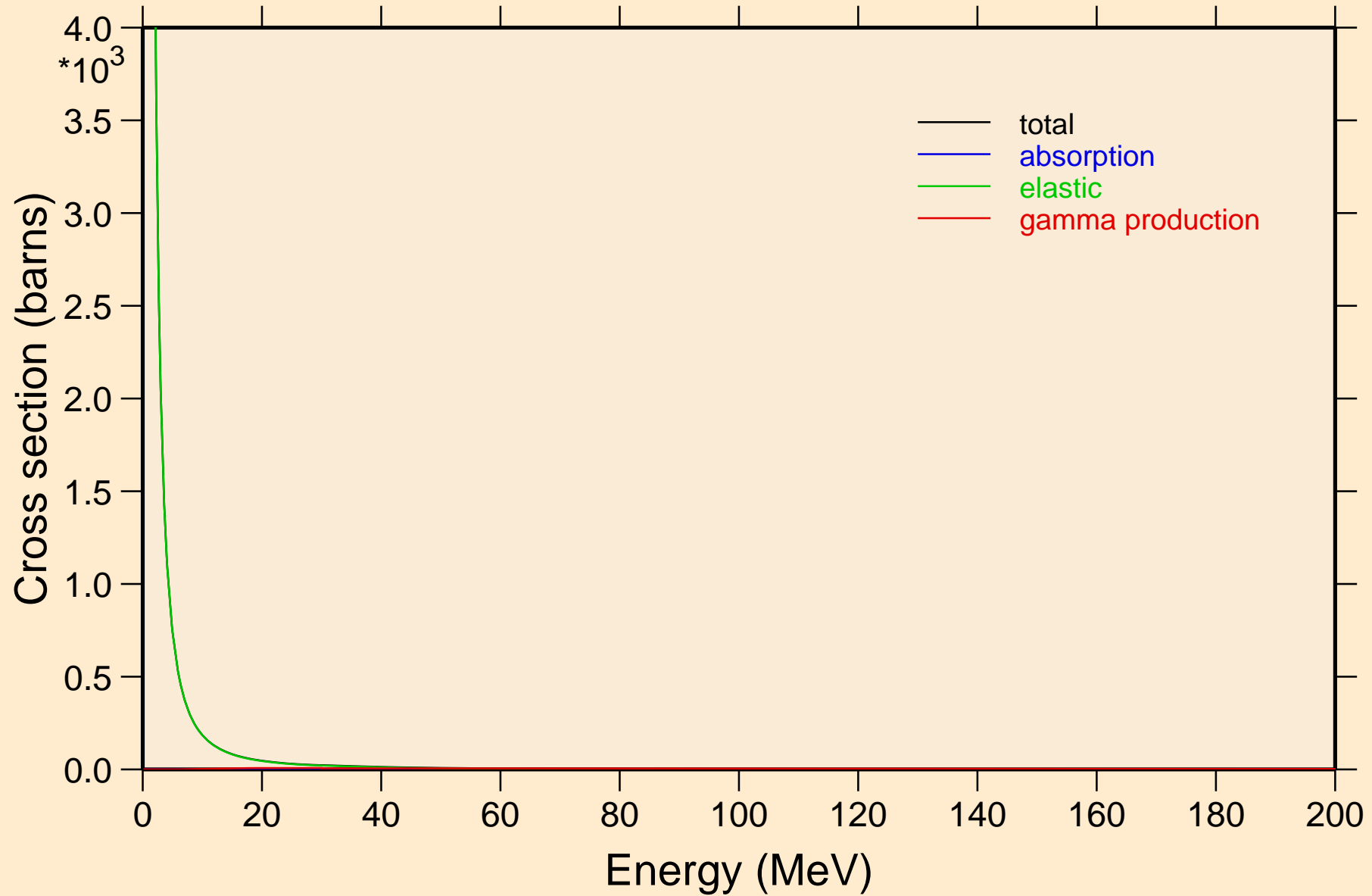
## Principal cross sections



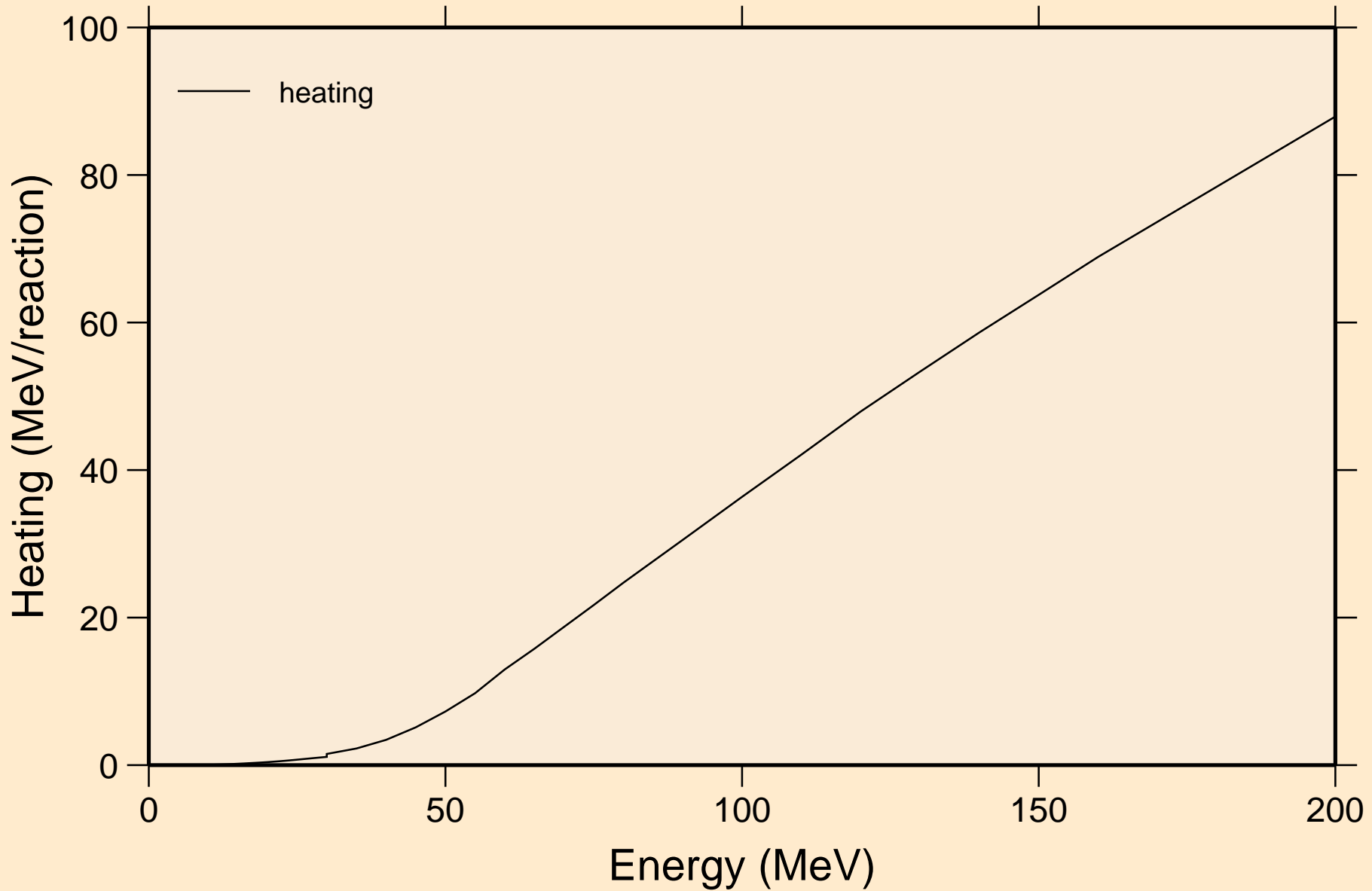
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

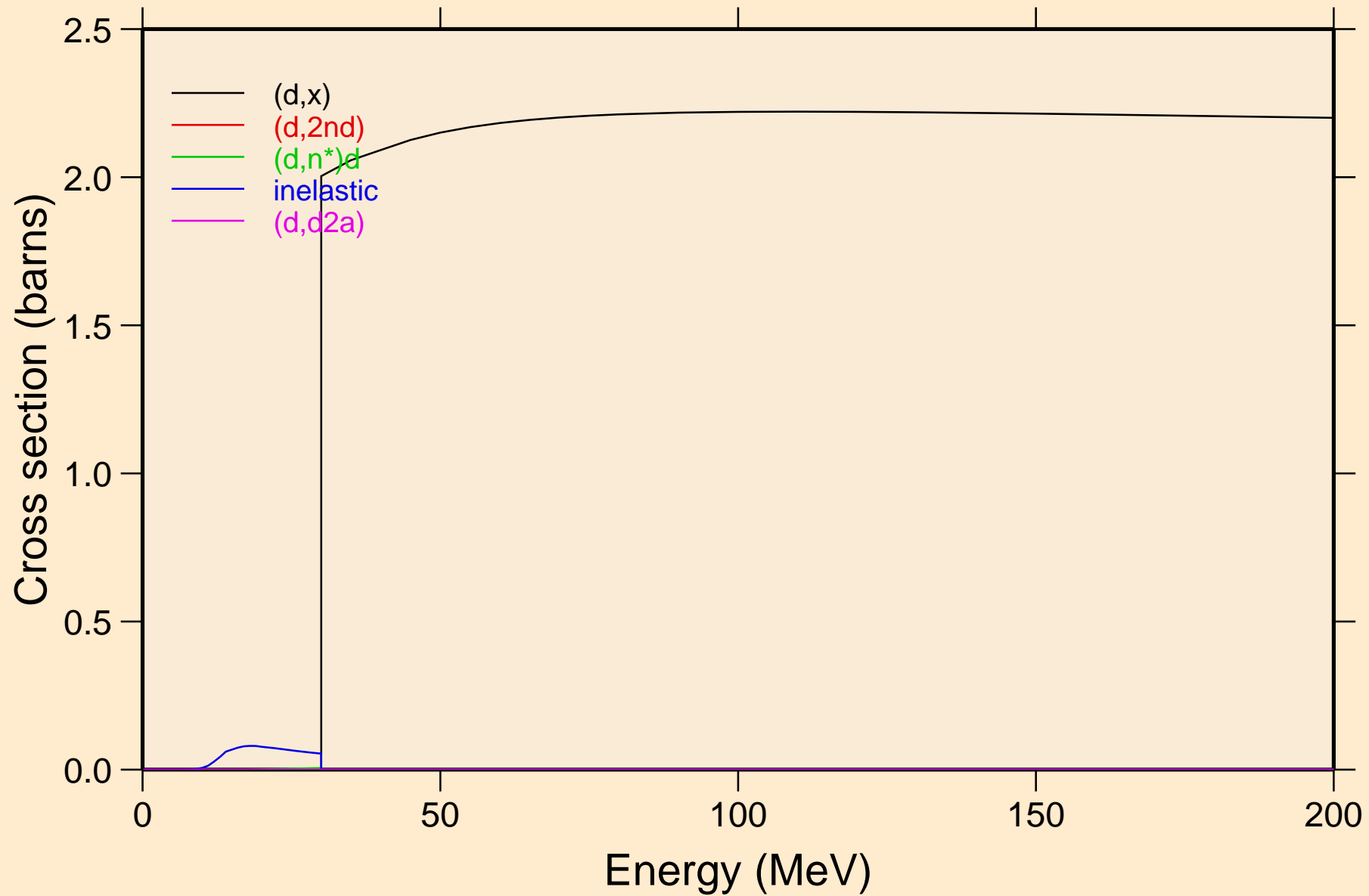


XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



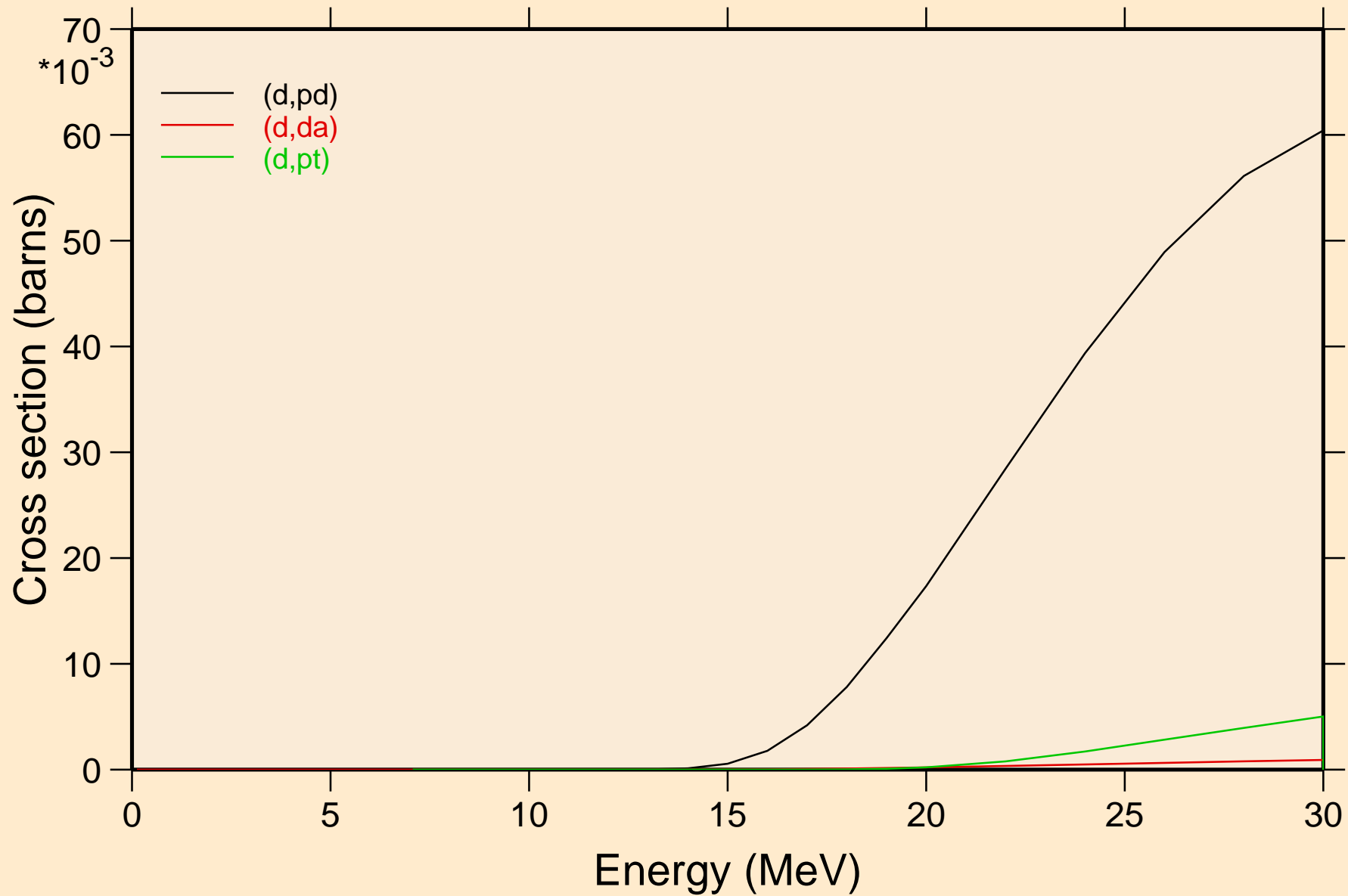
# XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

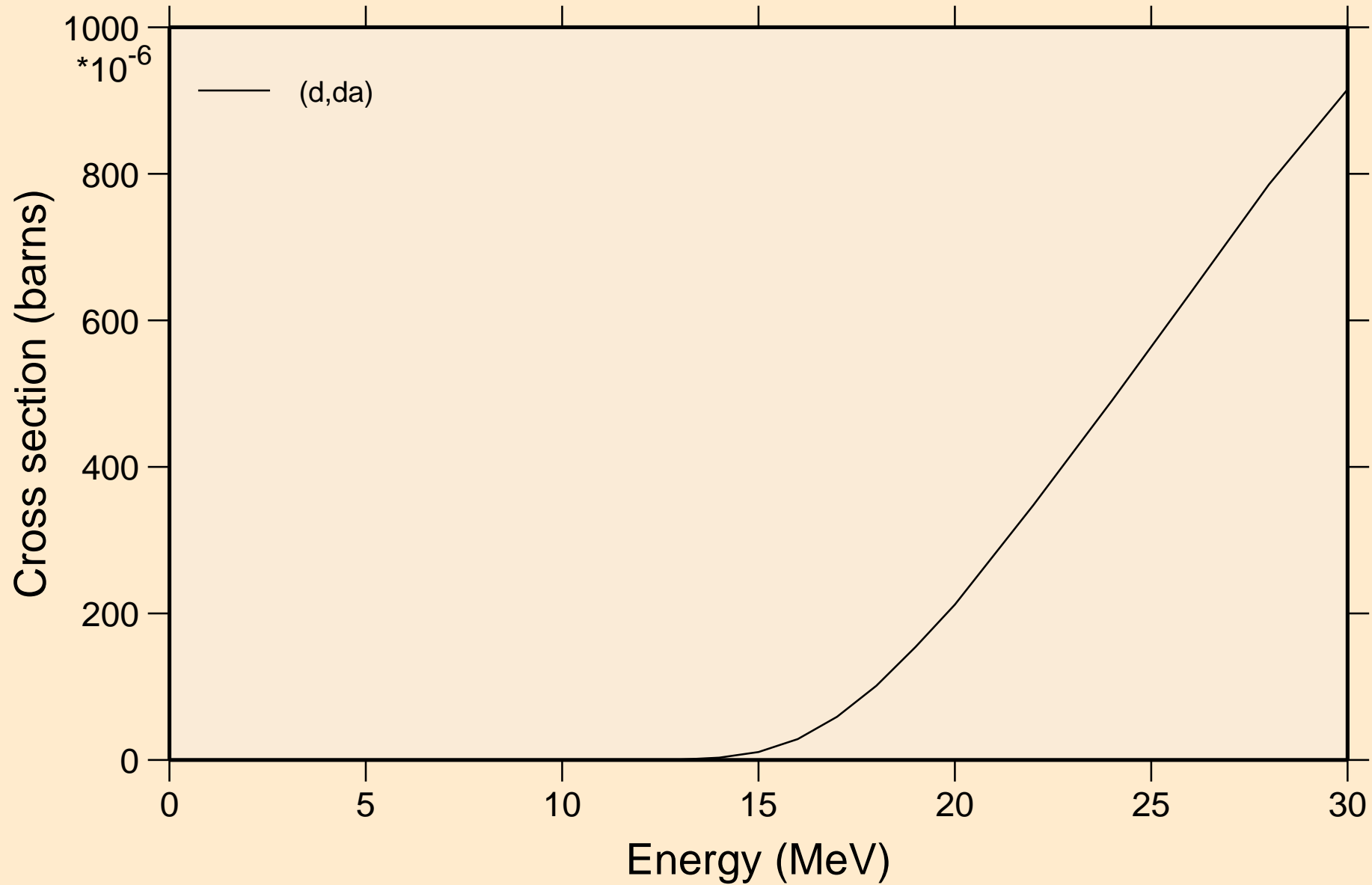


# XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

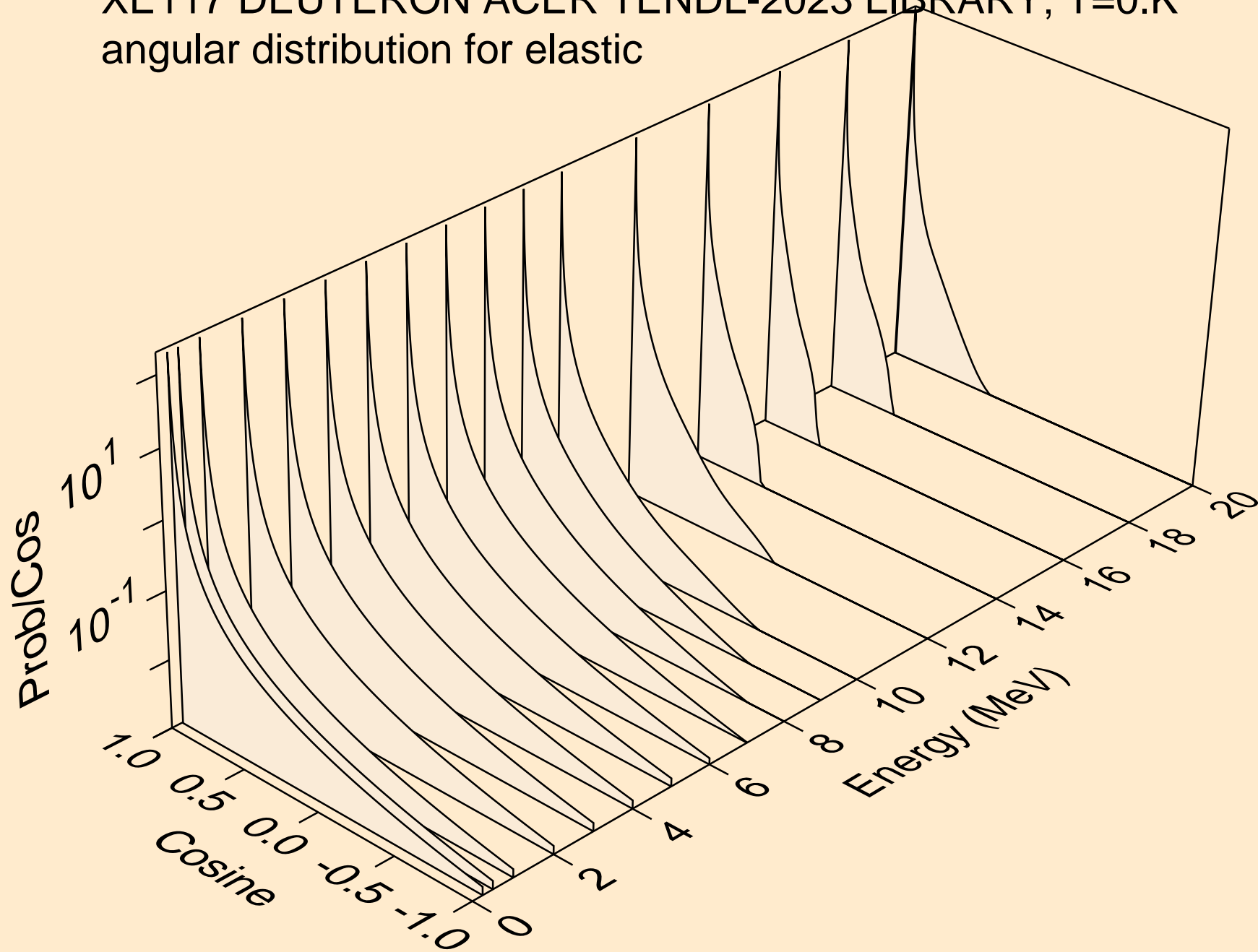
## Threshold reactions



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

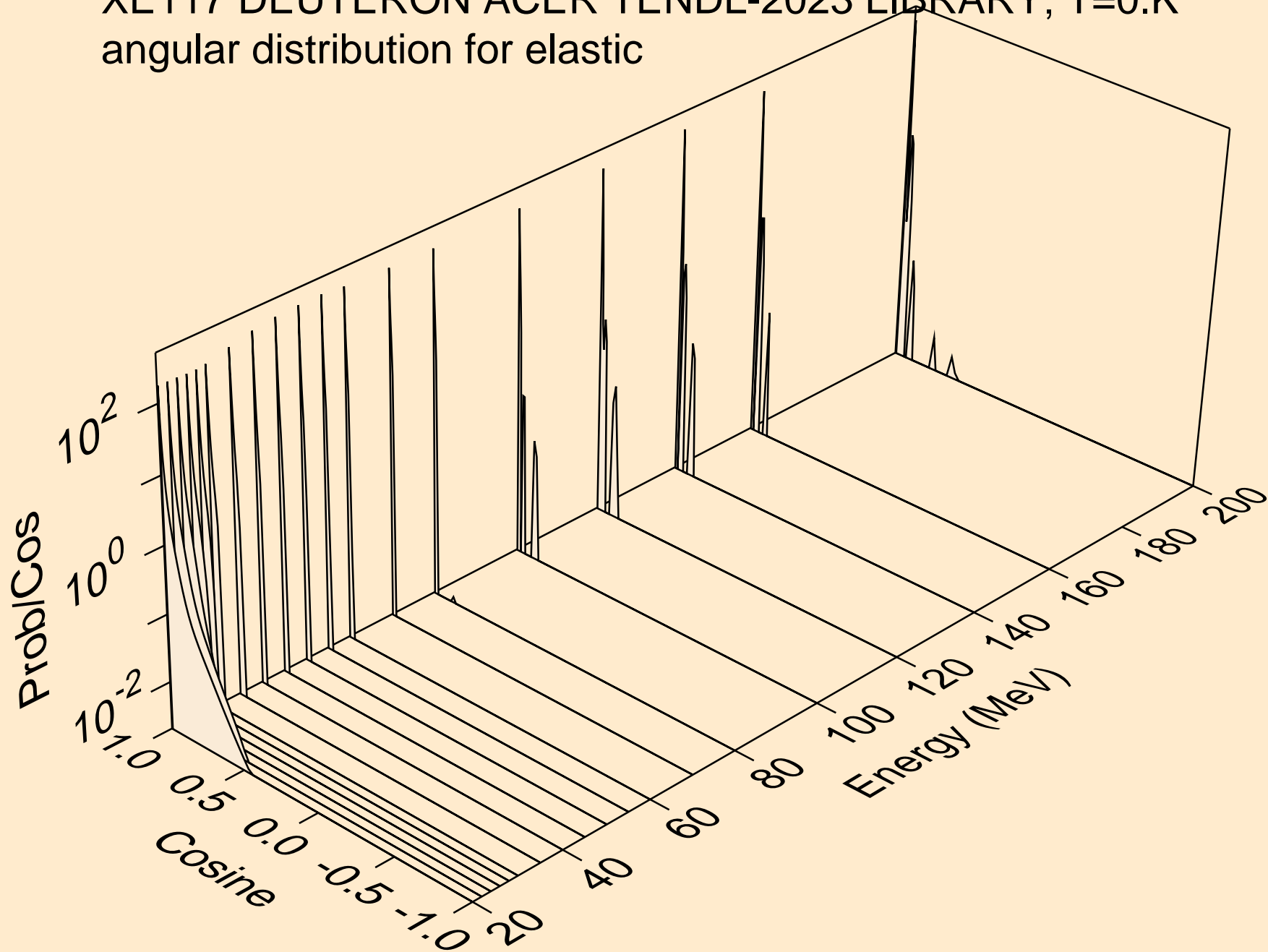


XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

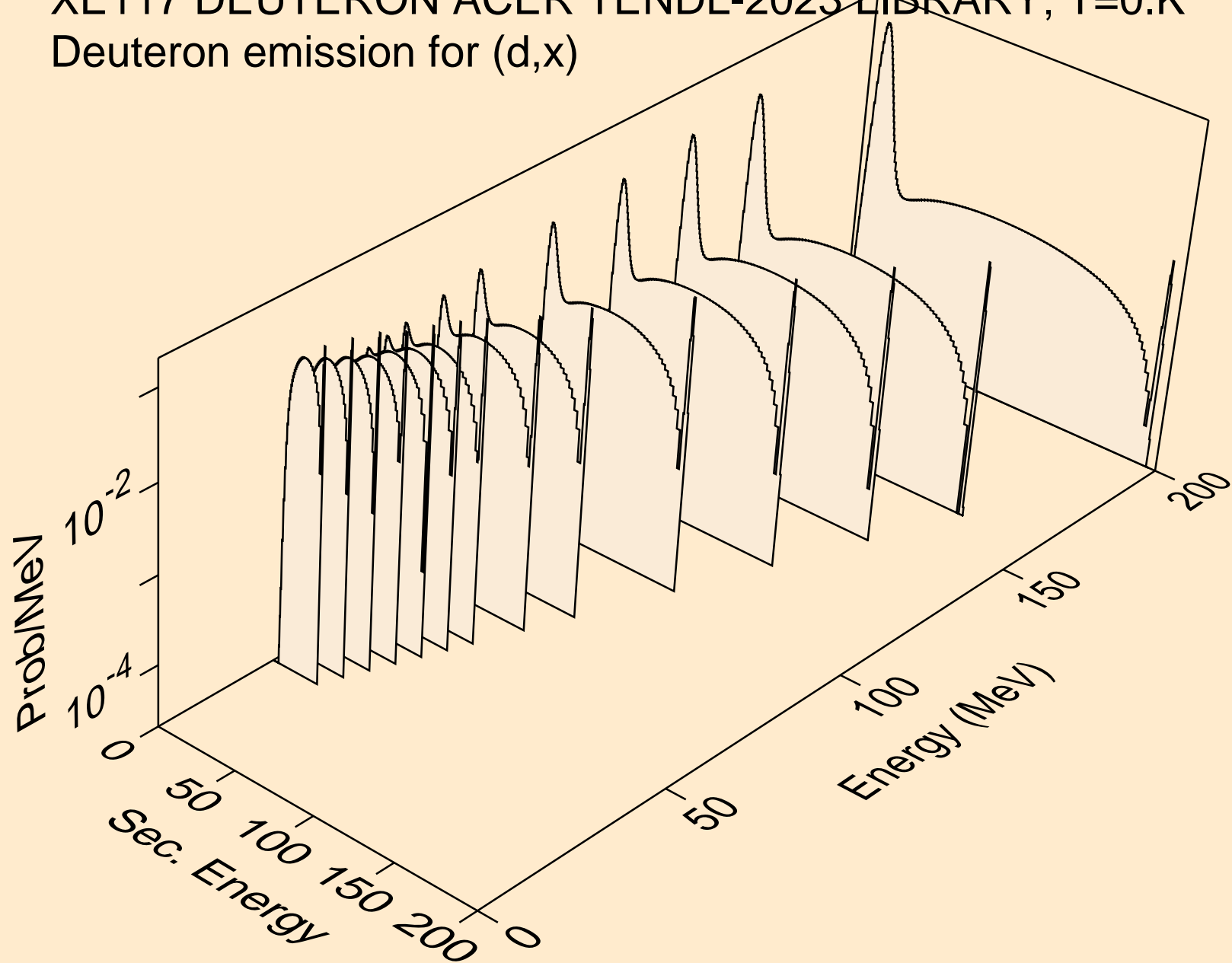




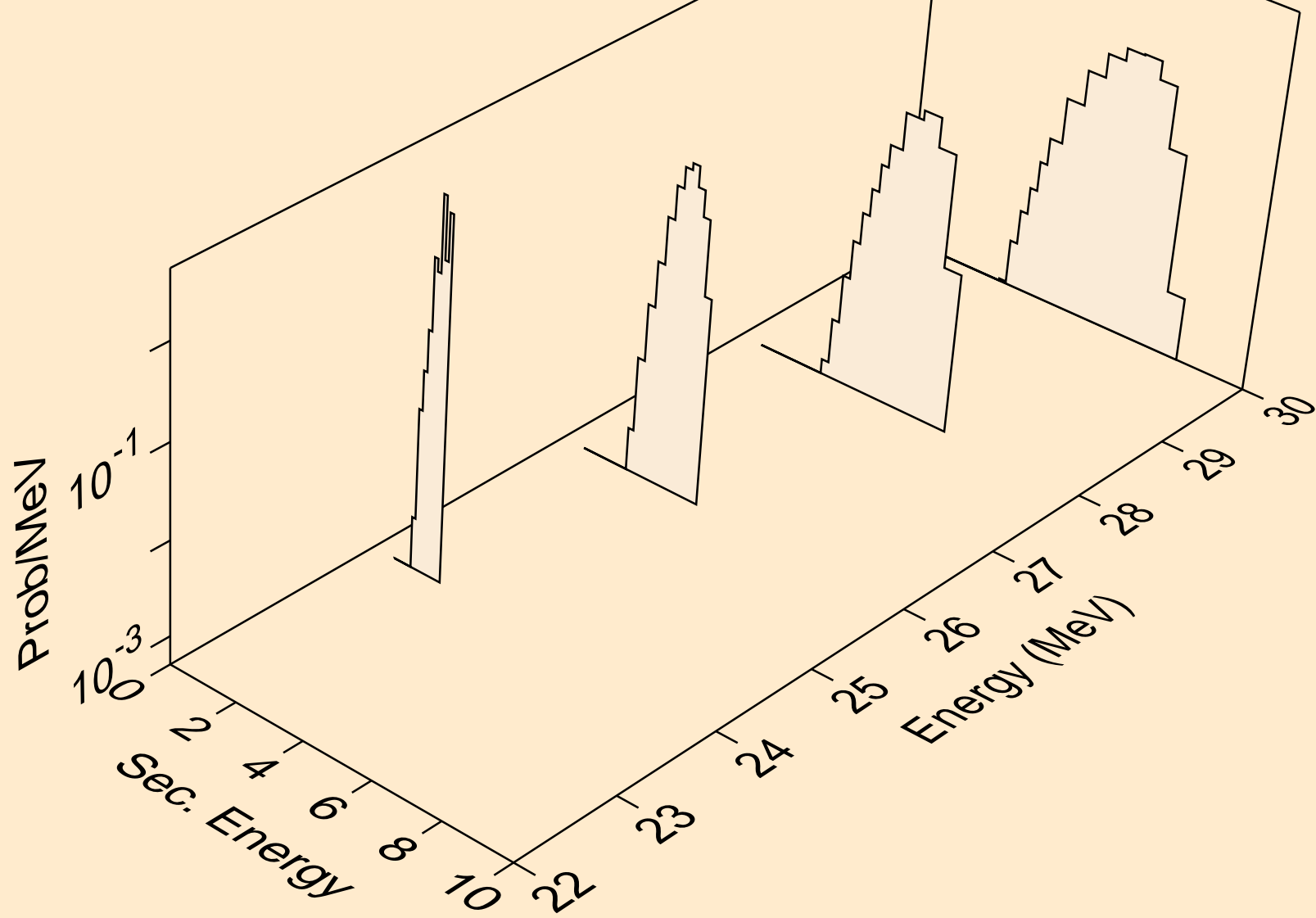
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



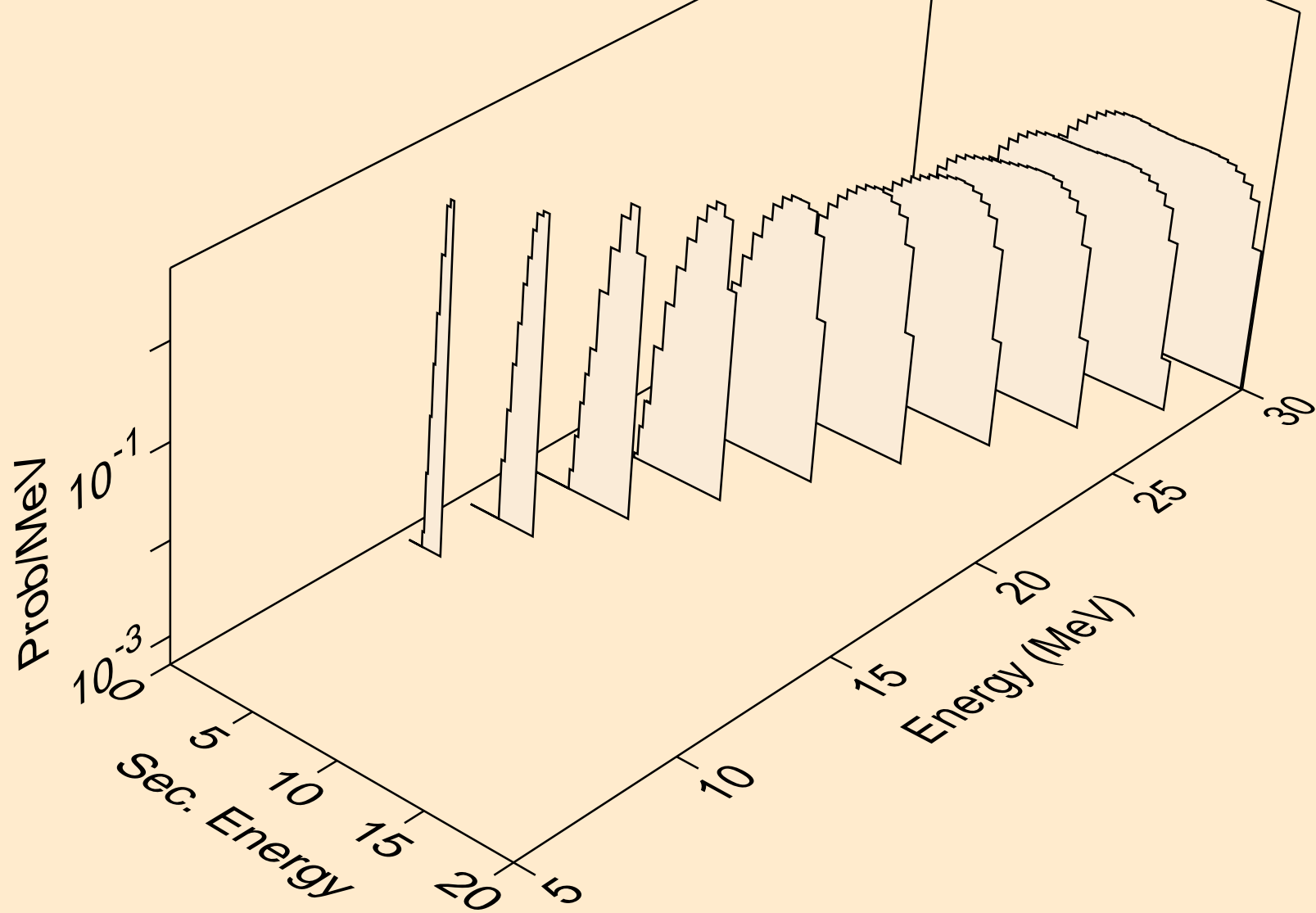
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,x)



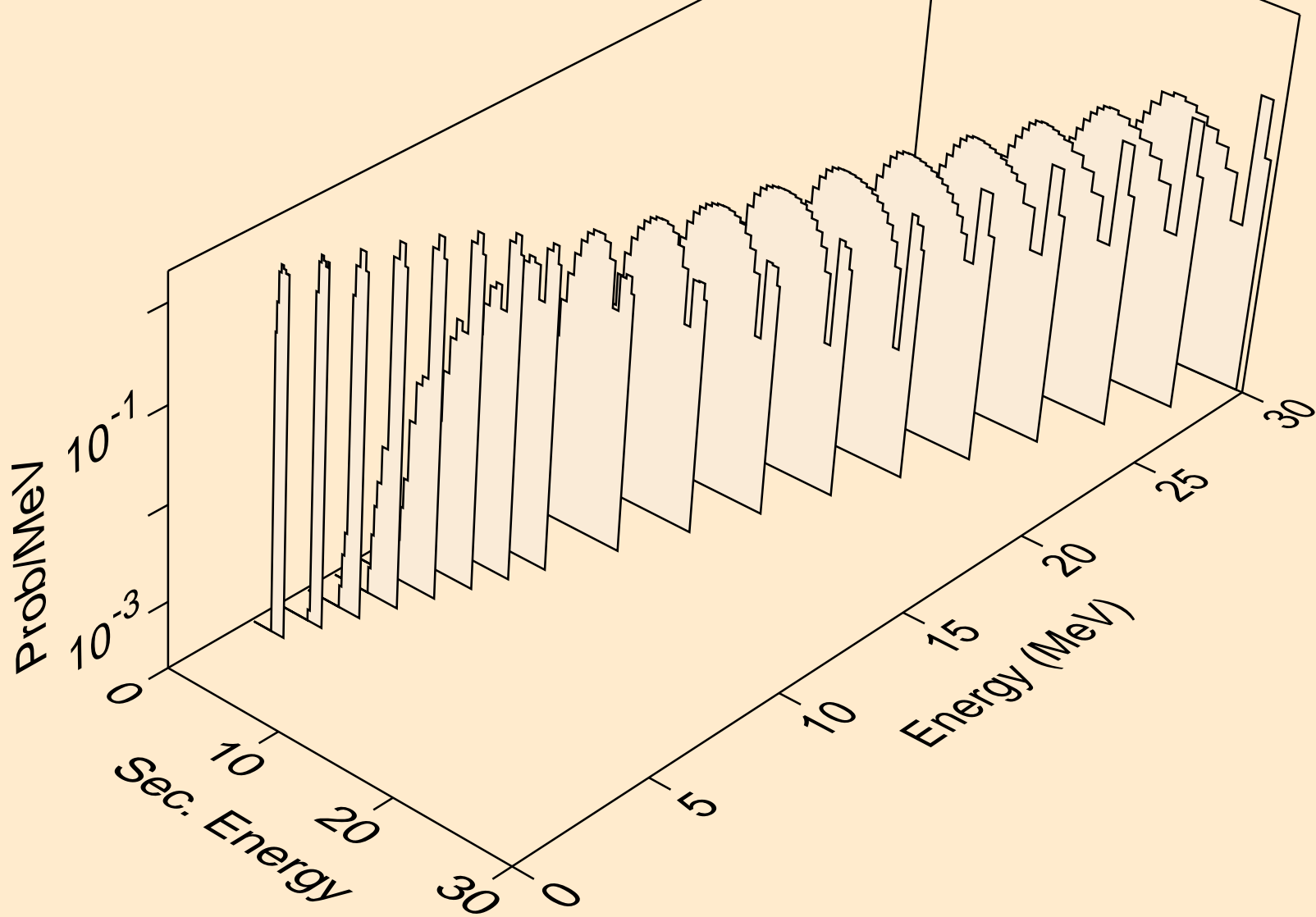
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,2nd)



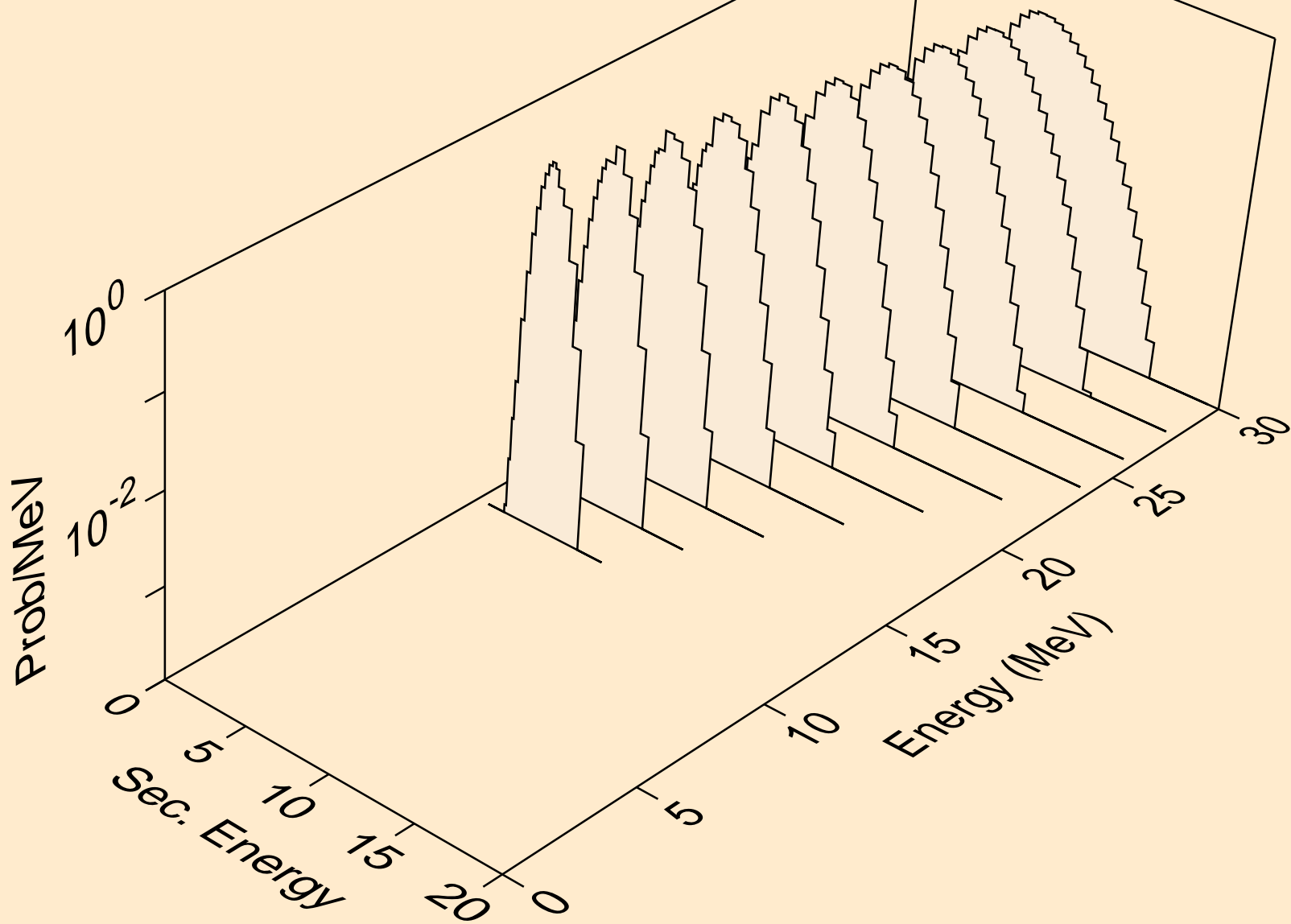
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,n\*)d



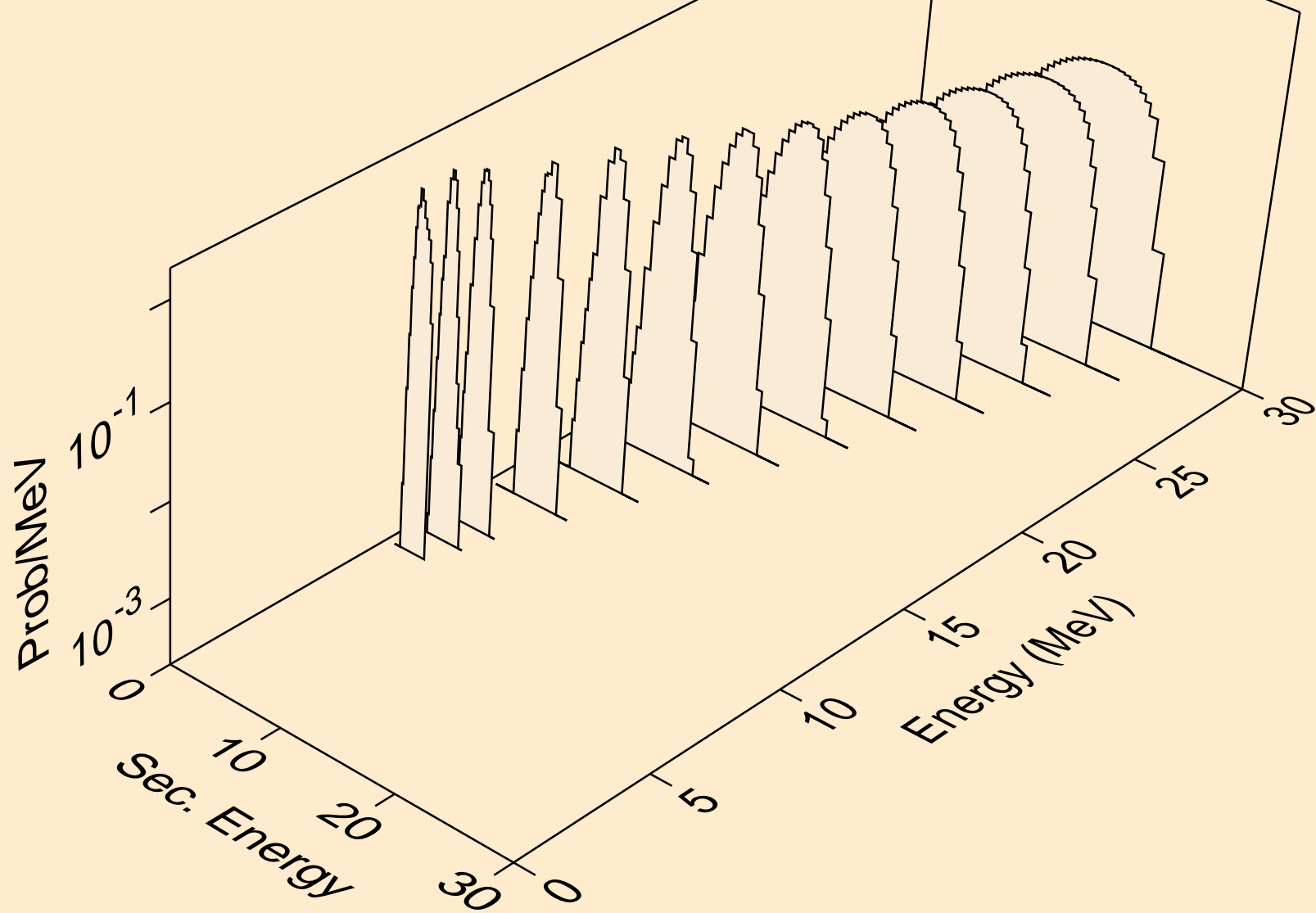
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



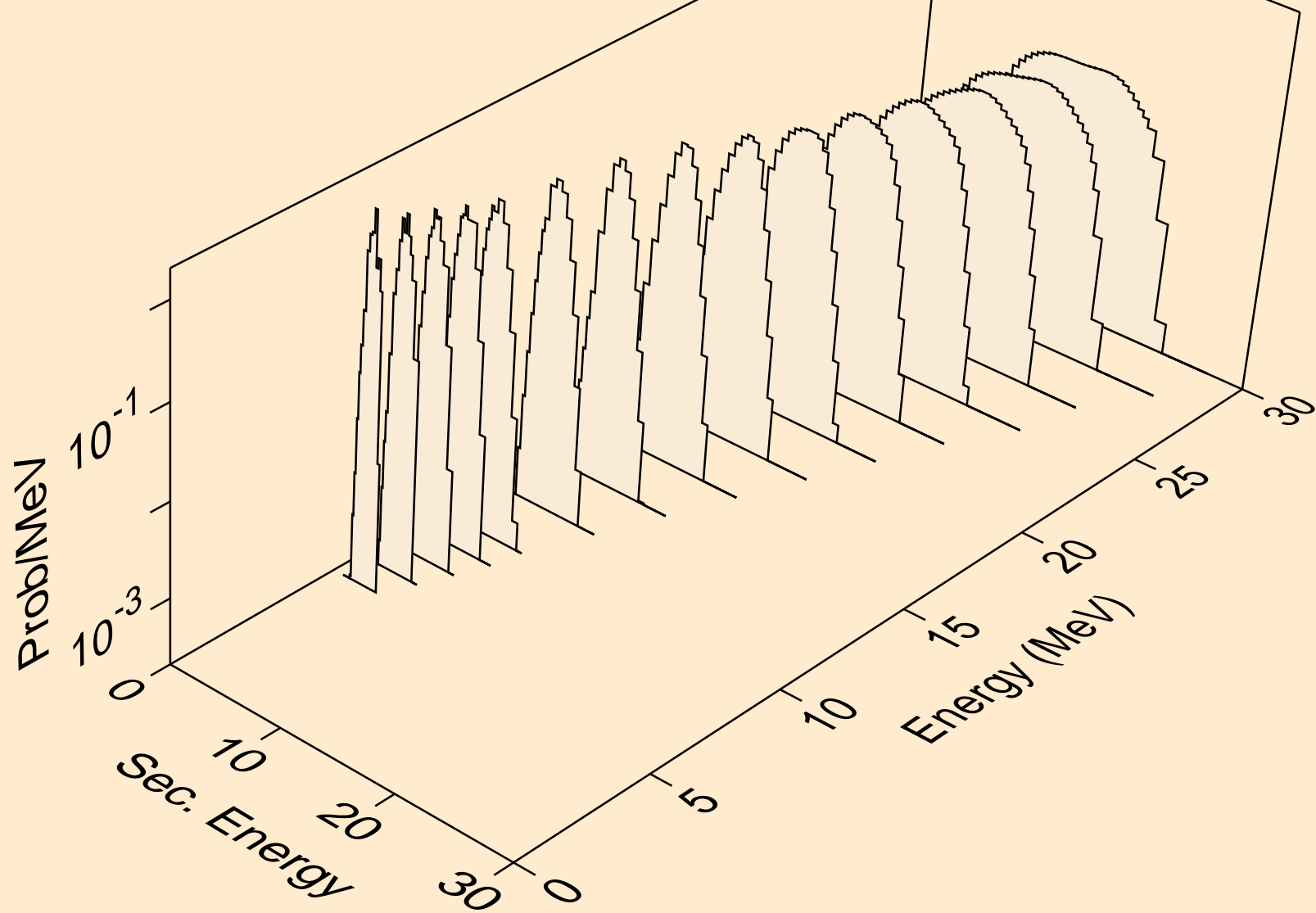
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,d2a)



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)

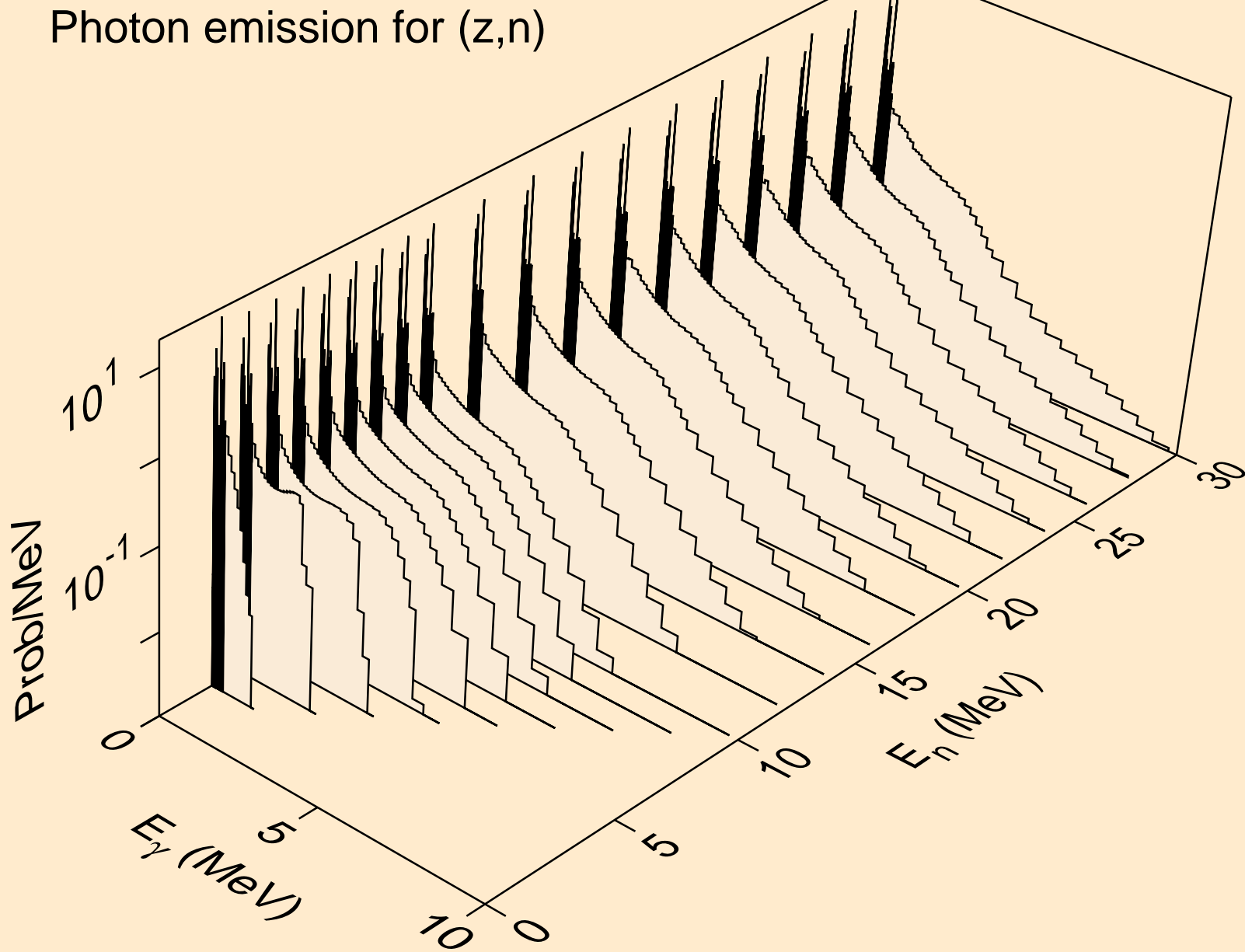


XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,da)

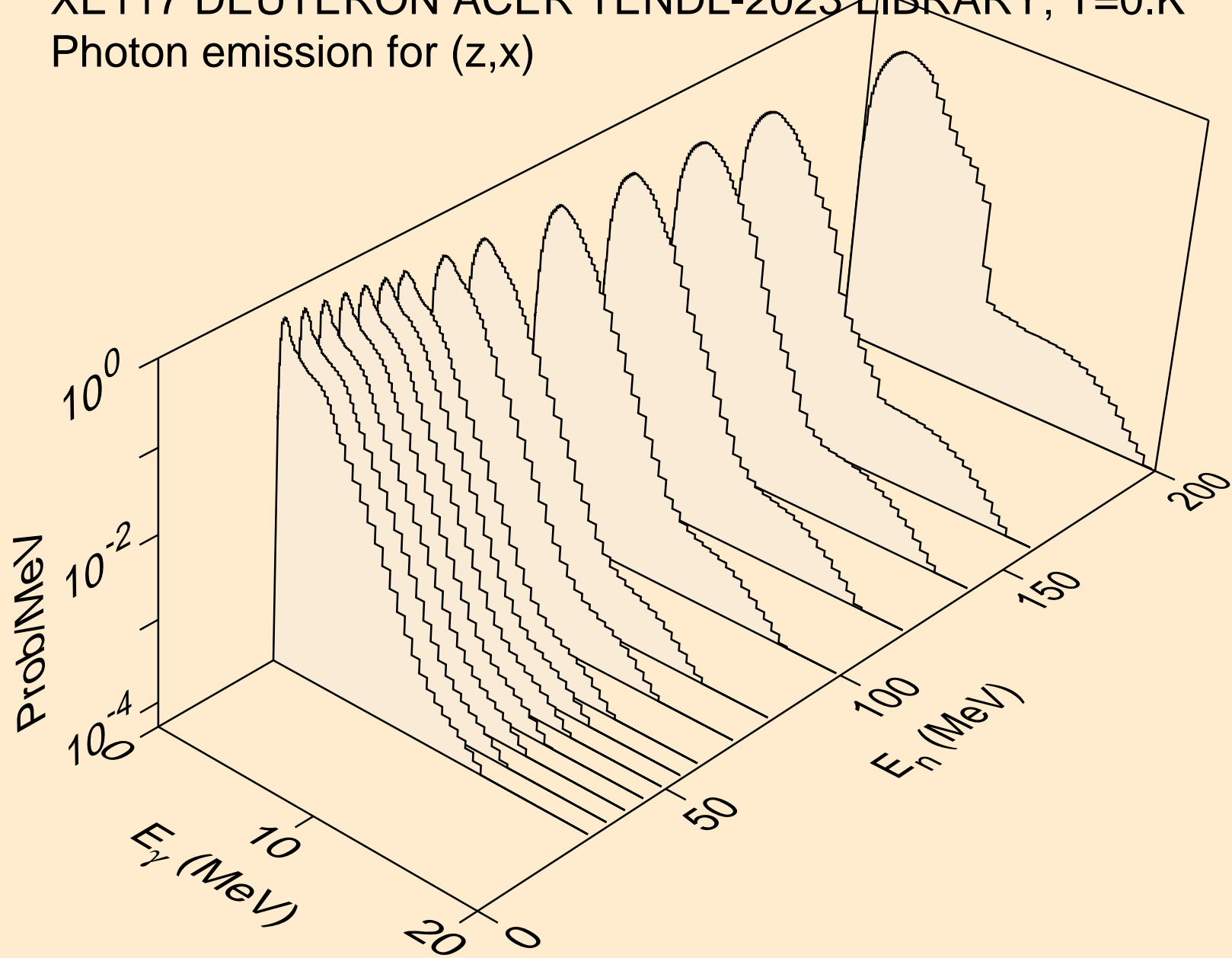




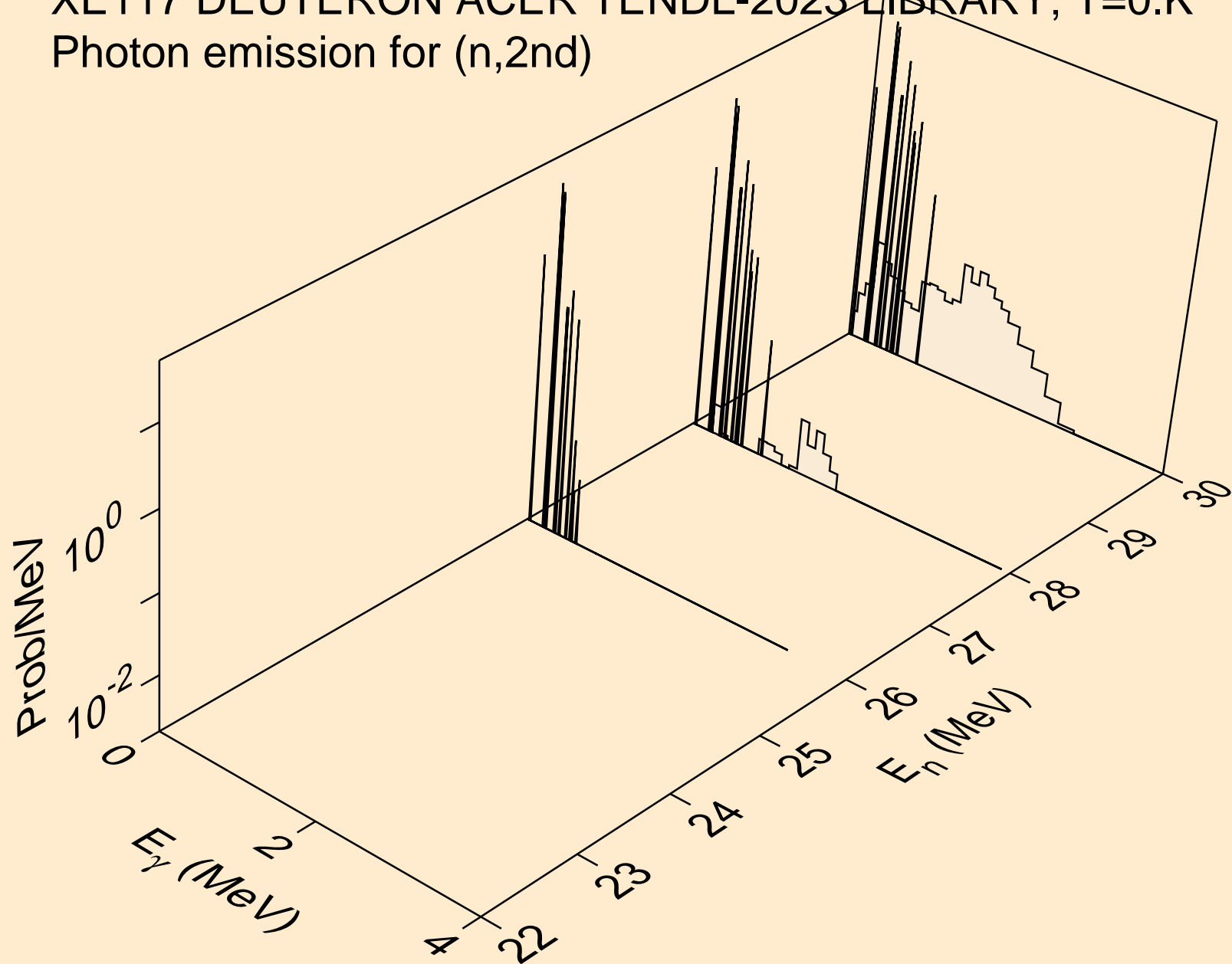
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



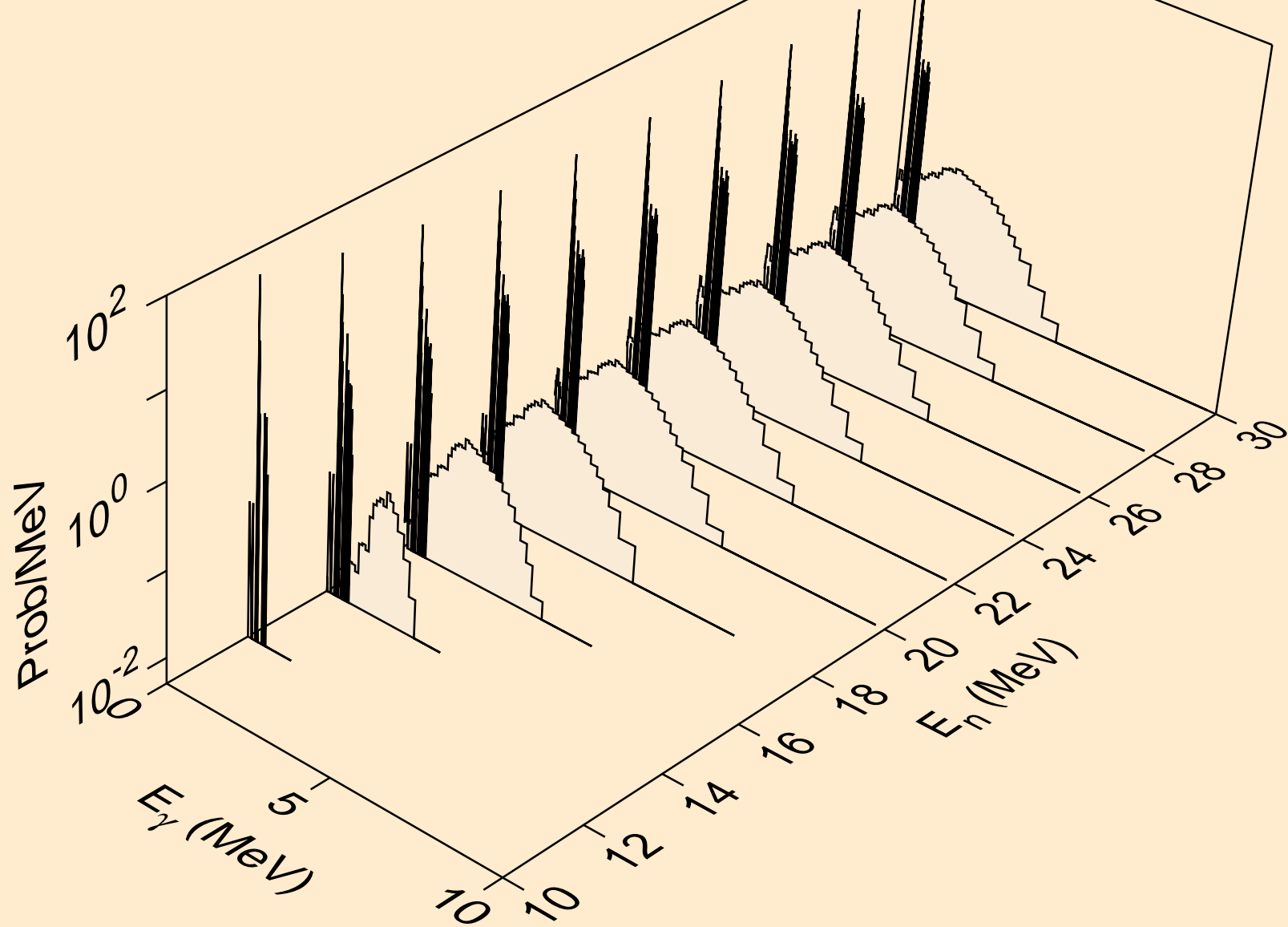
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



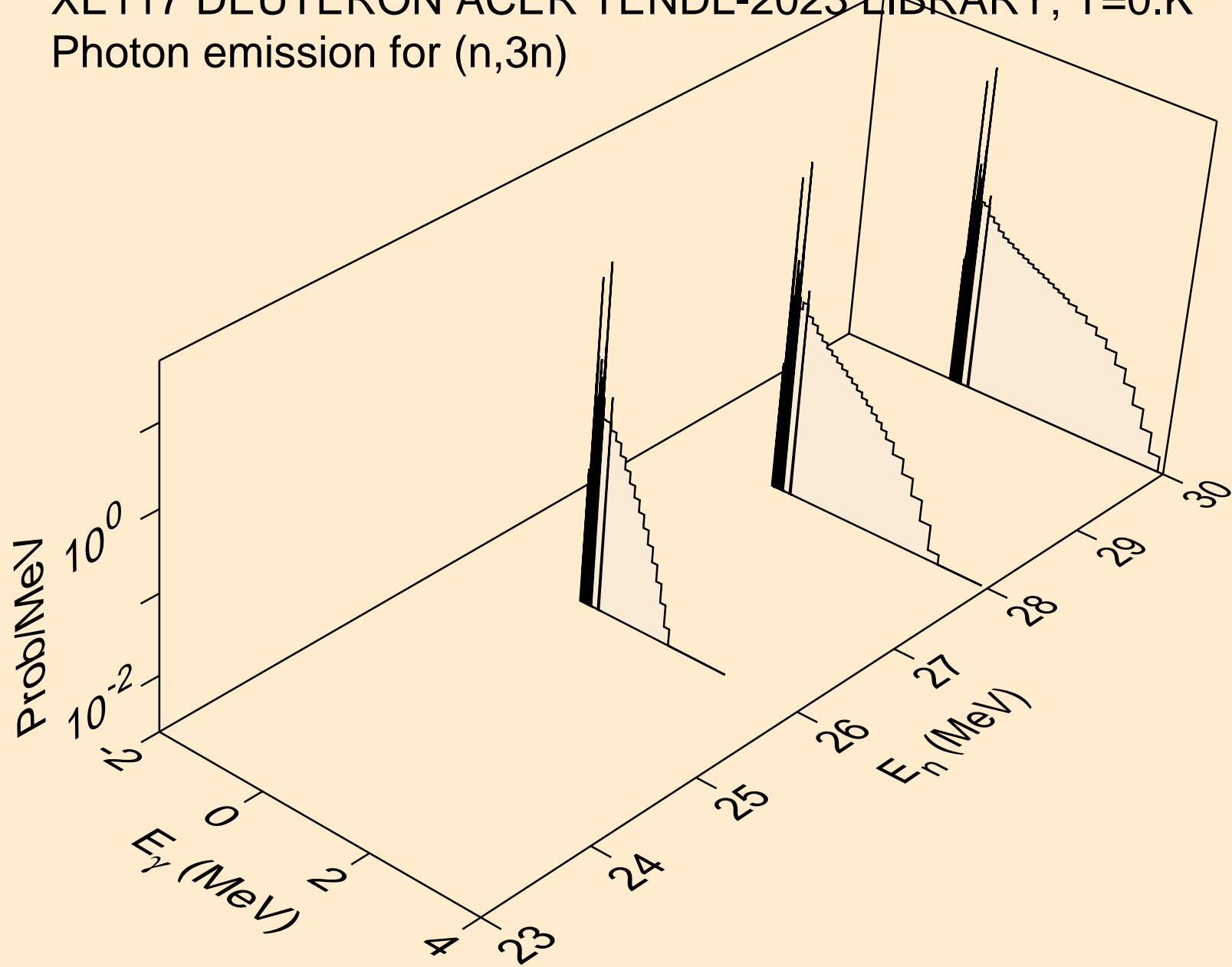
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Photon emission for (n,2nd)



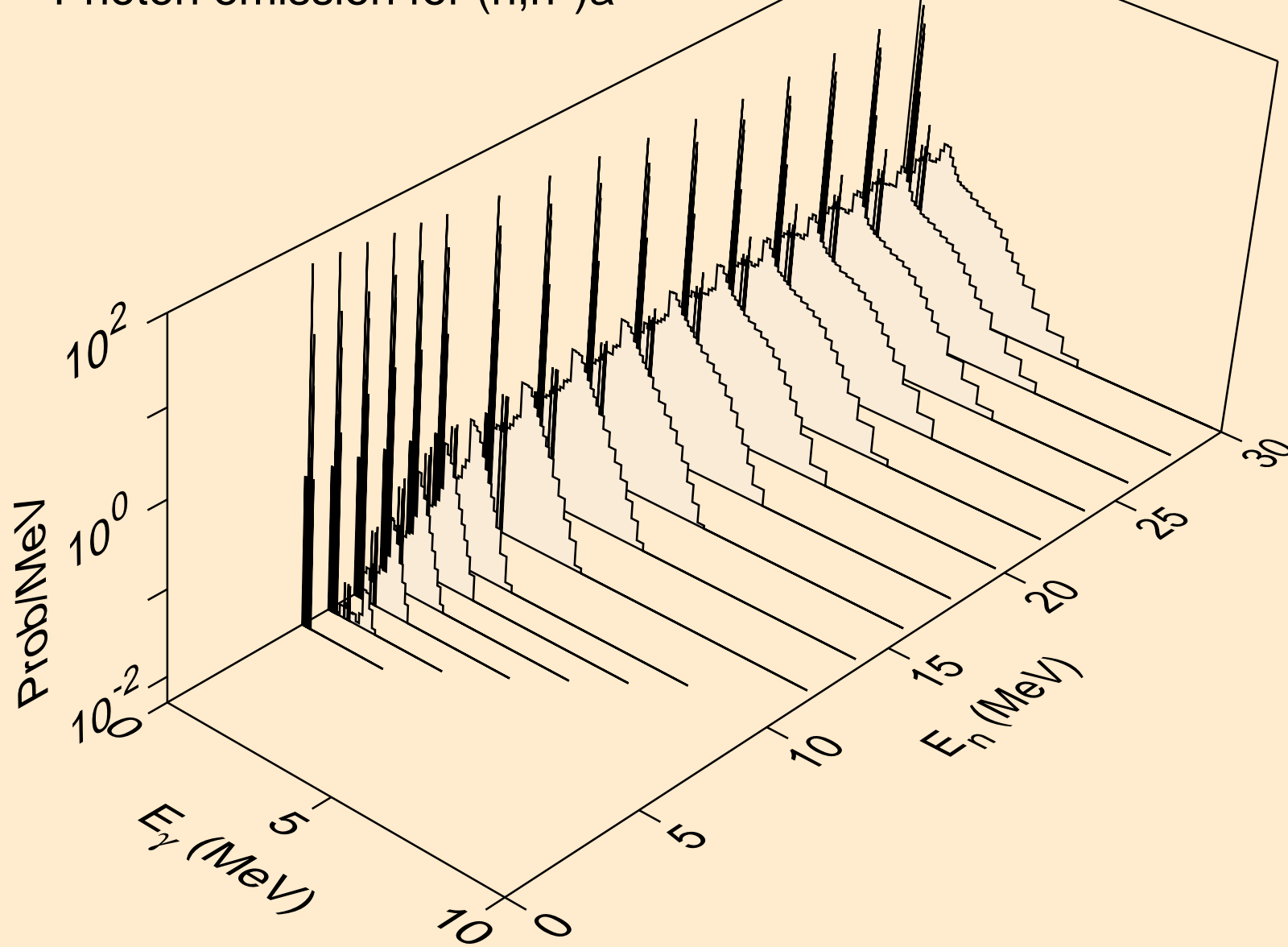
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



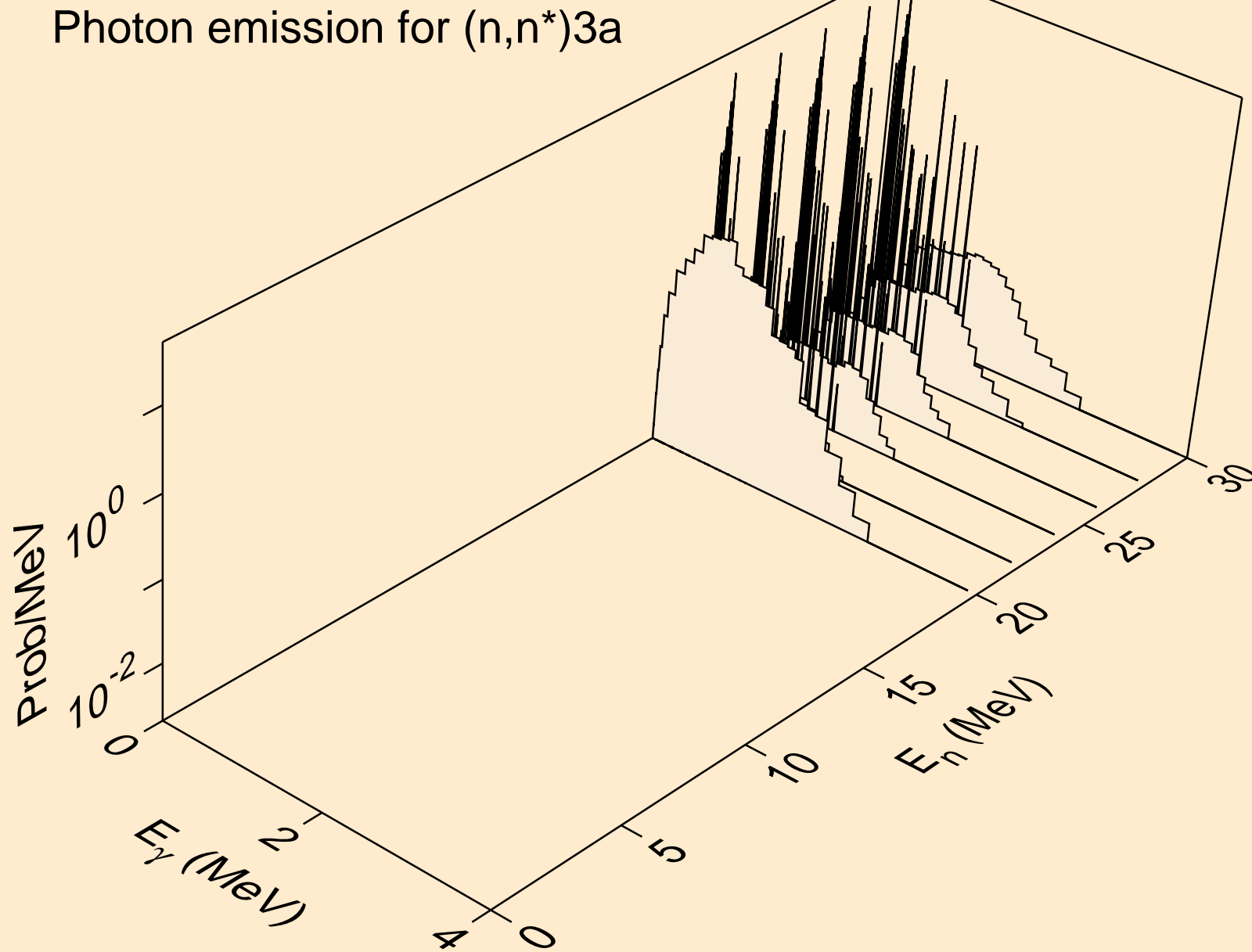
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



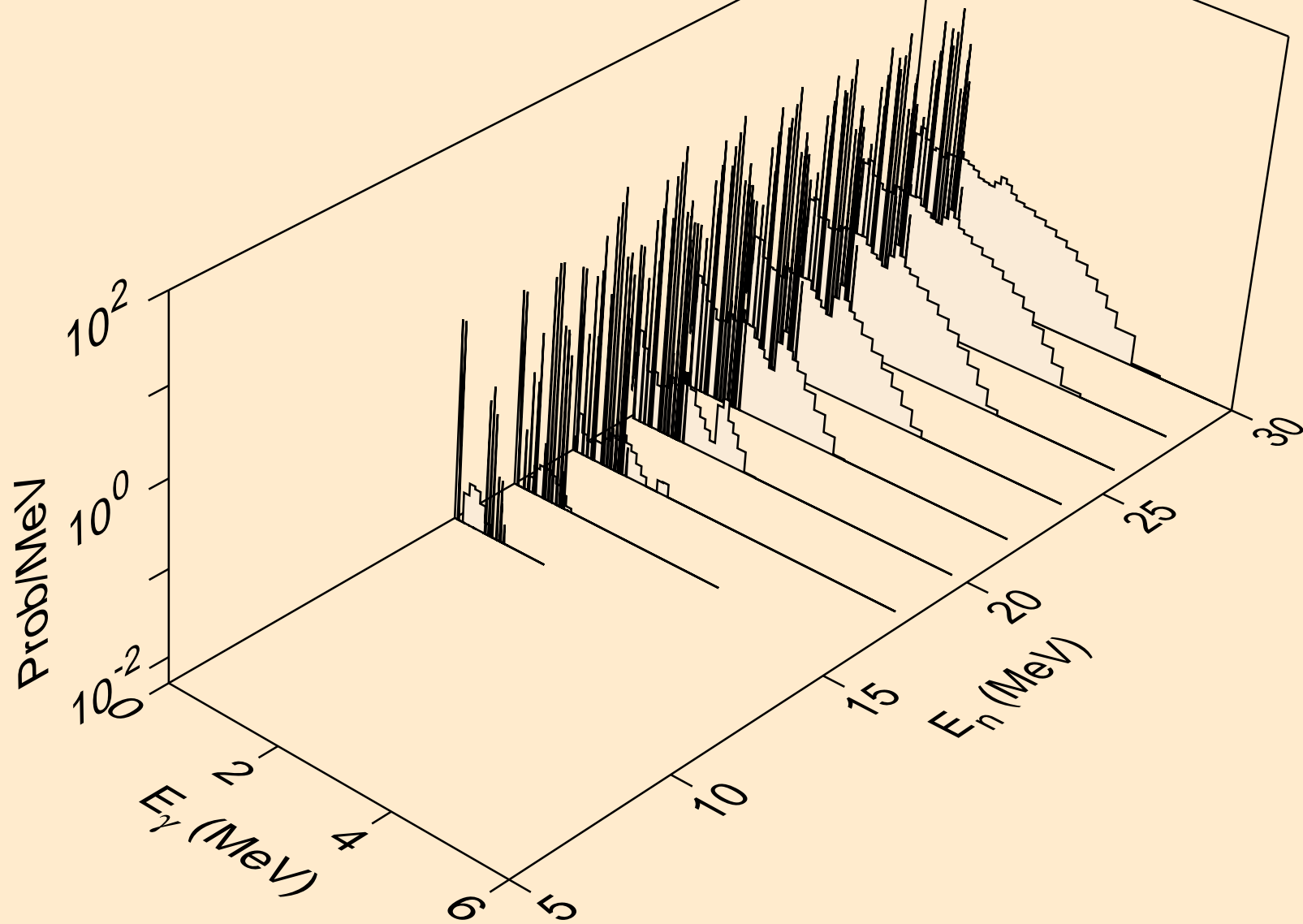
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a

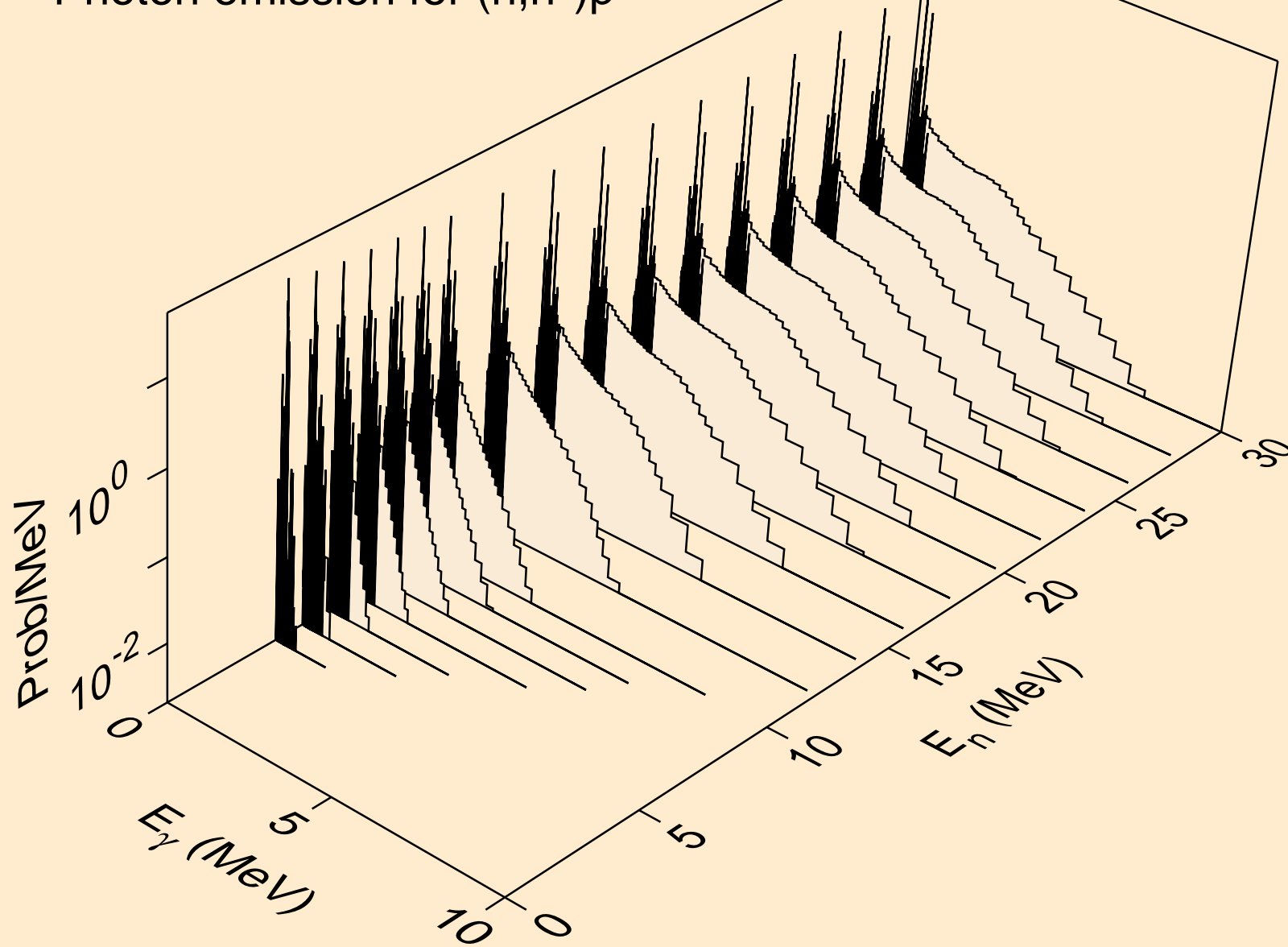


XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$

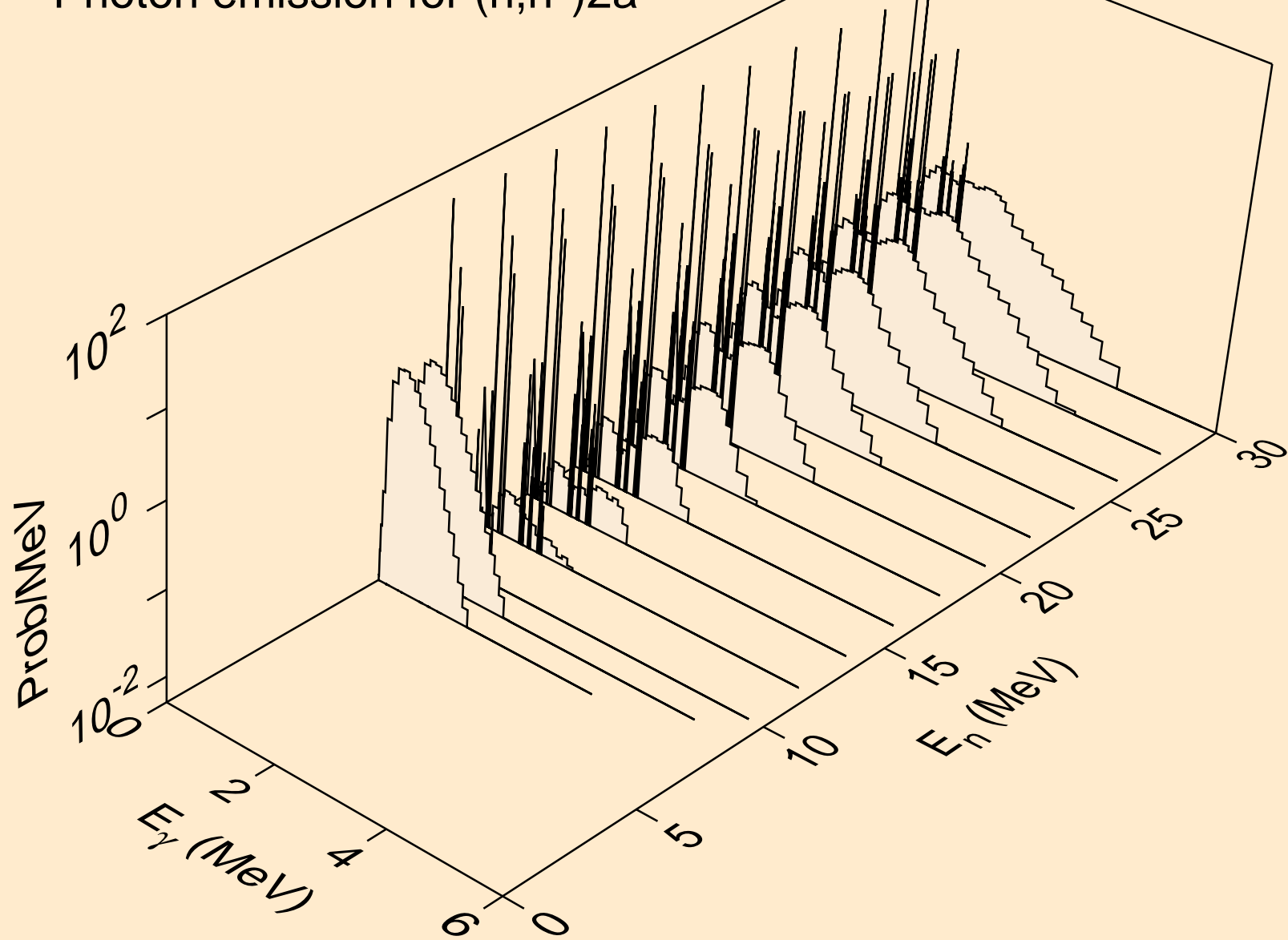




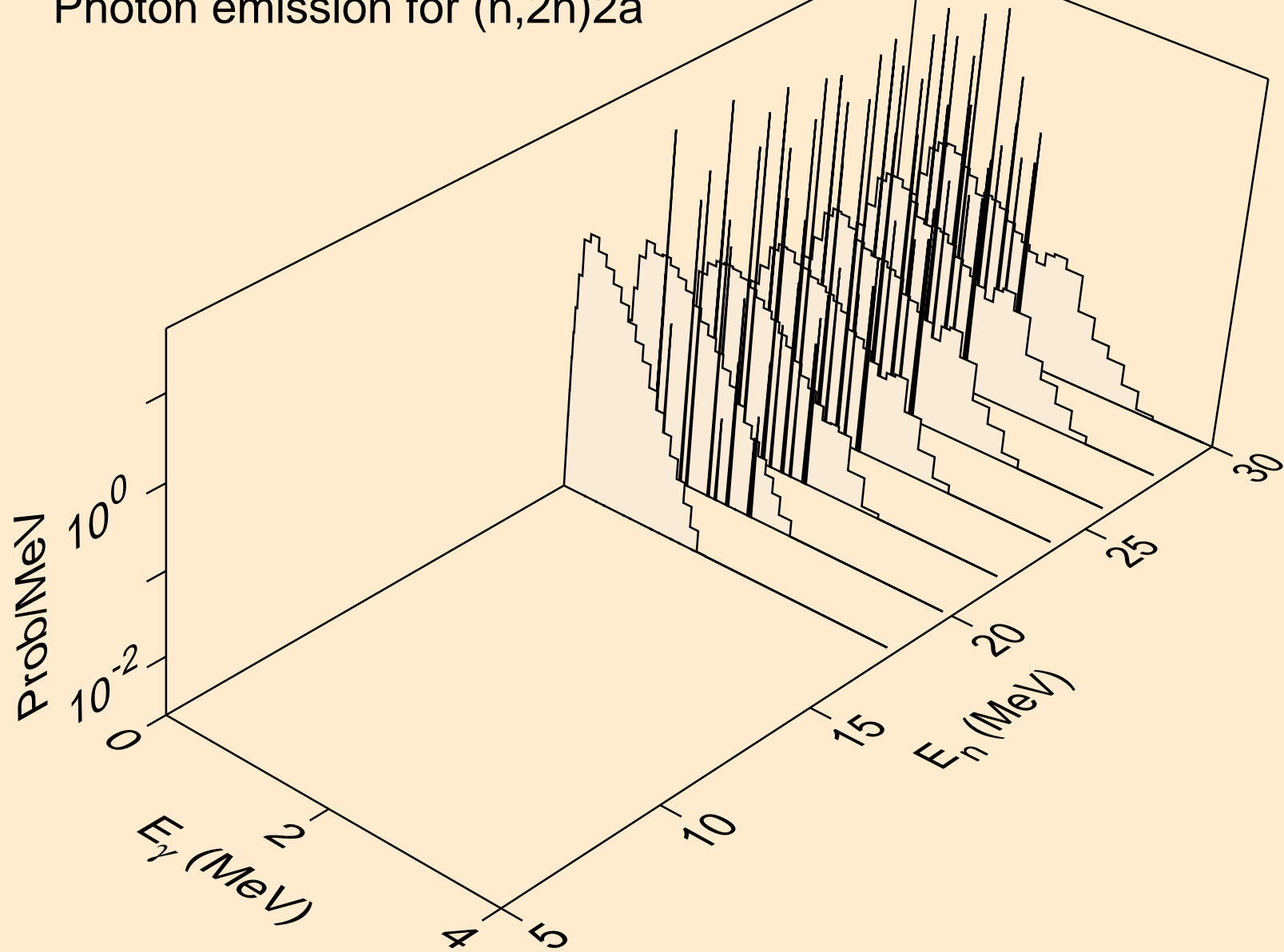
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



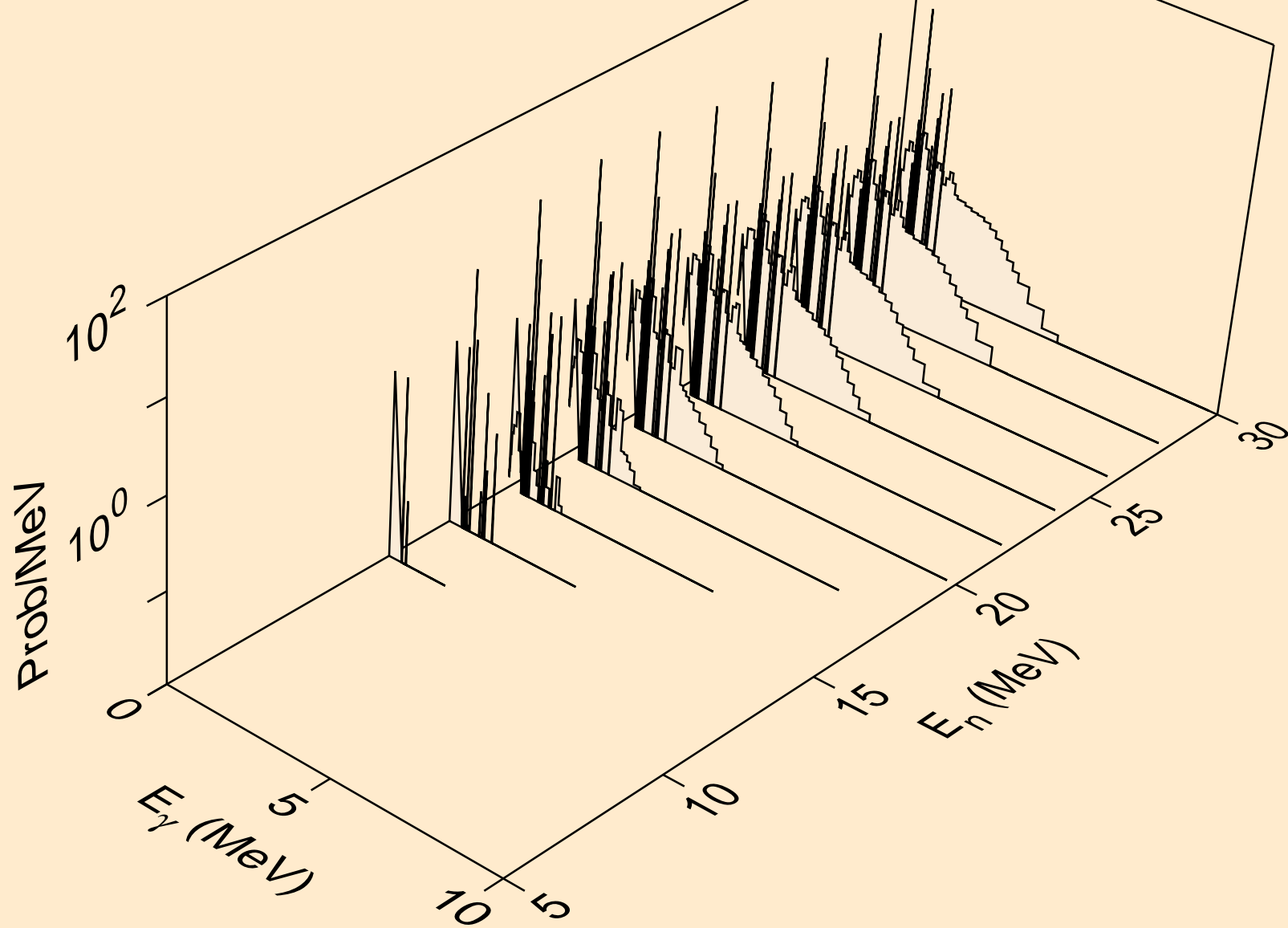
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Photon emission for (n,n\*)2a



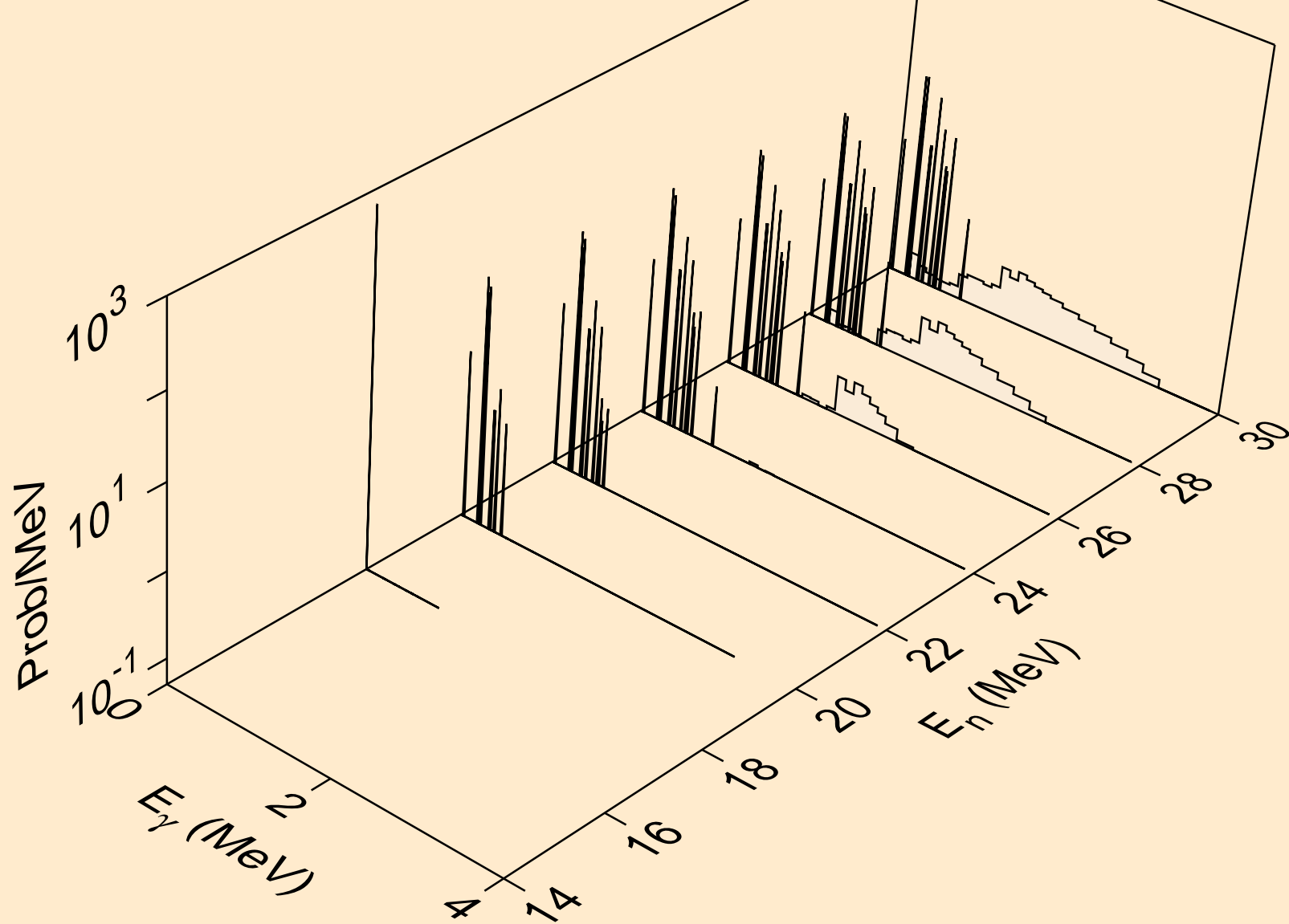
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



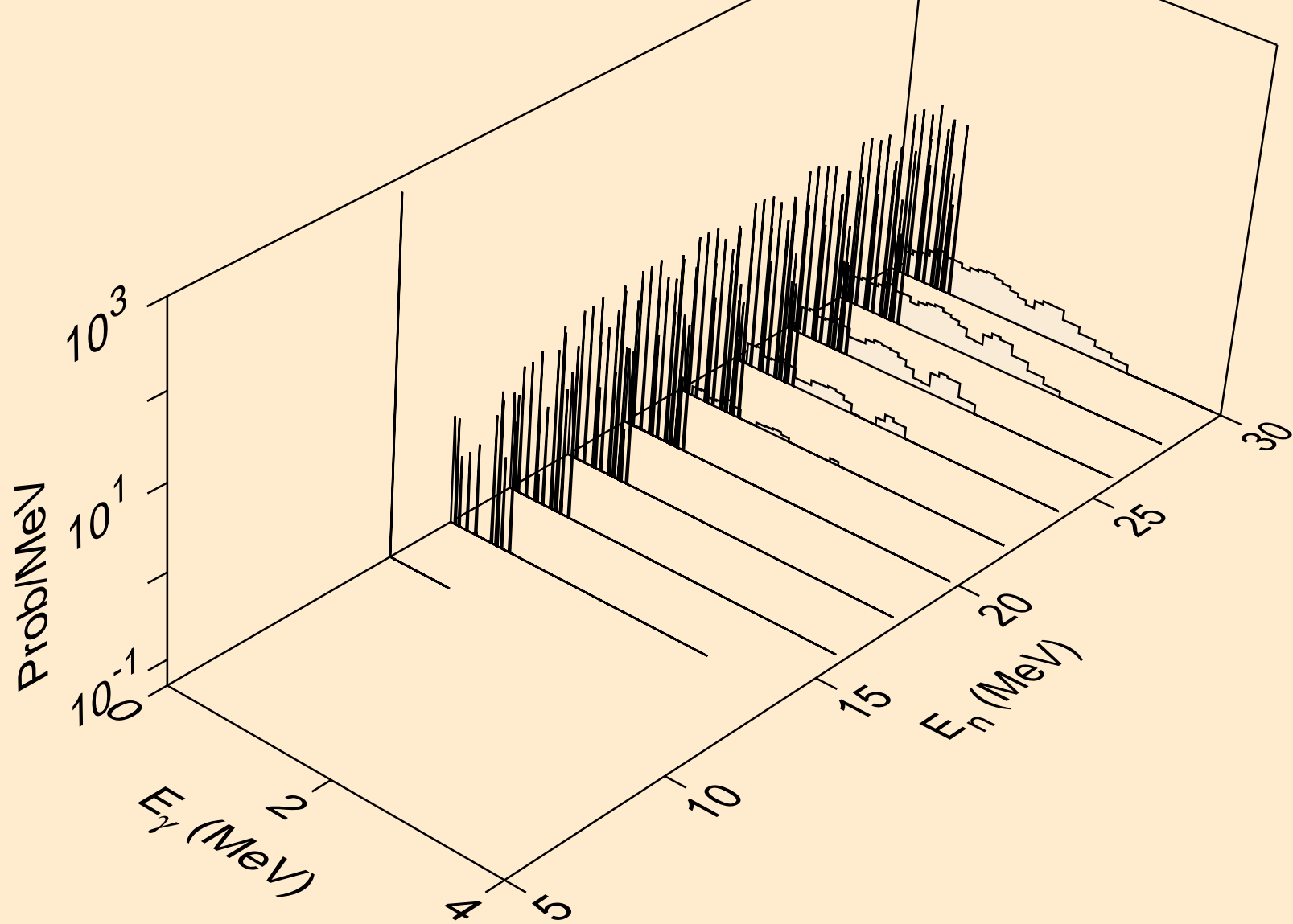
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



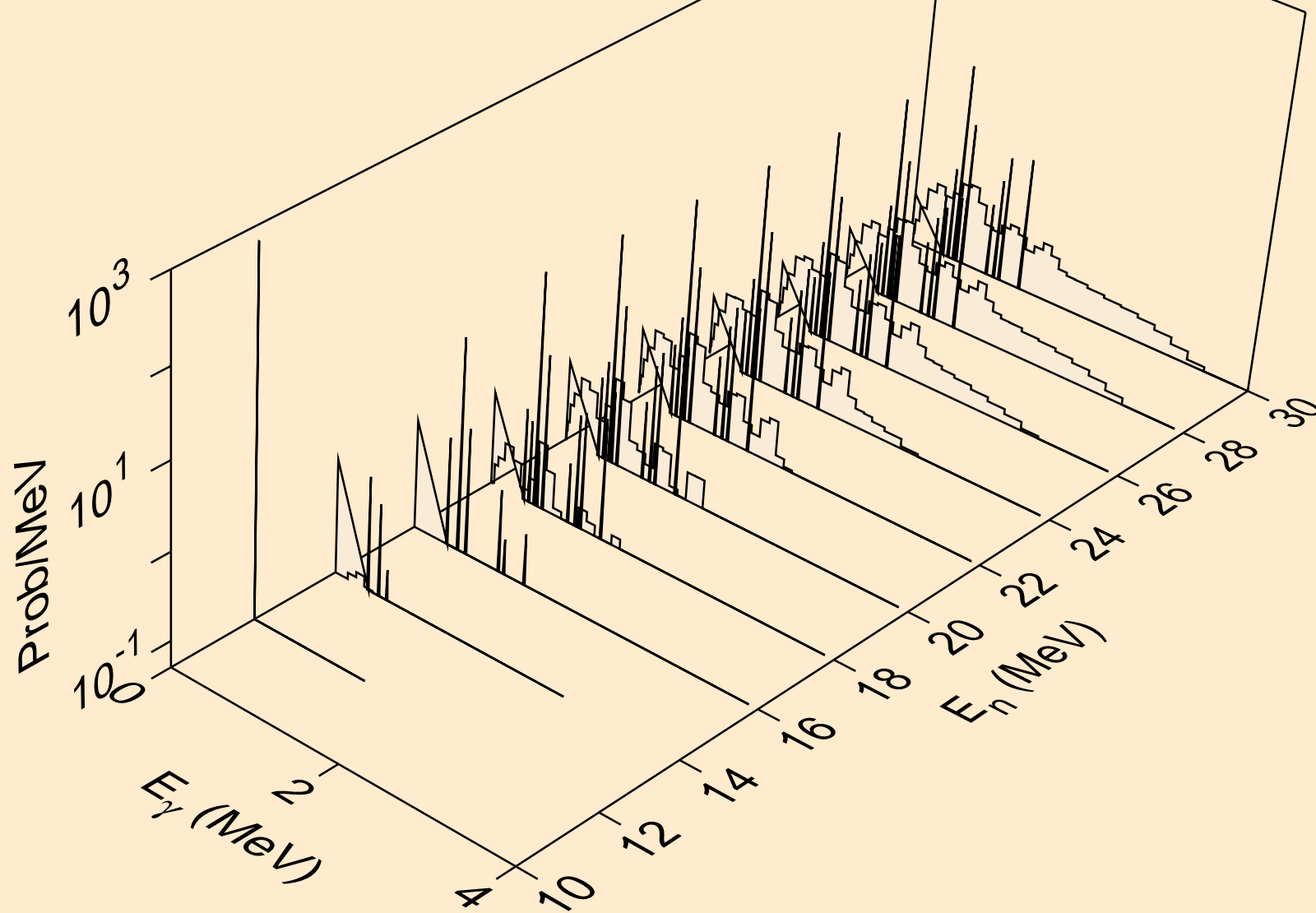
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Photon emission for (n,n\*)t



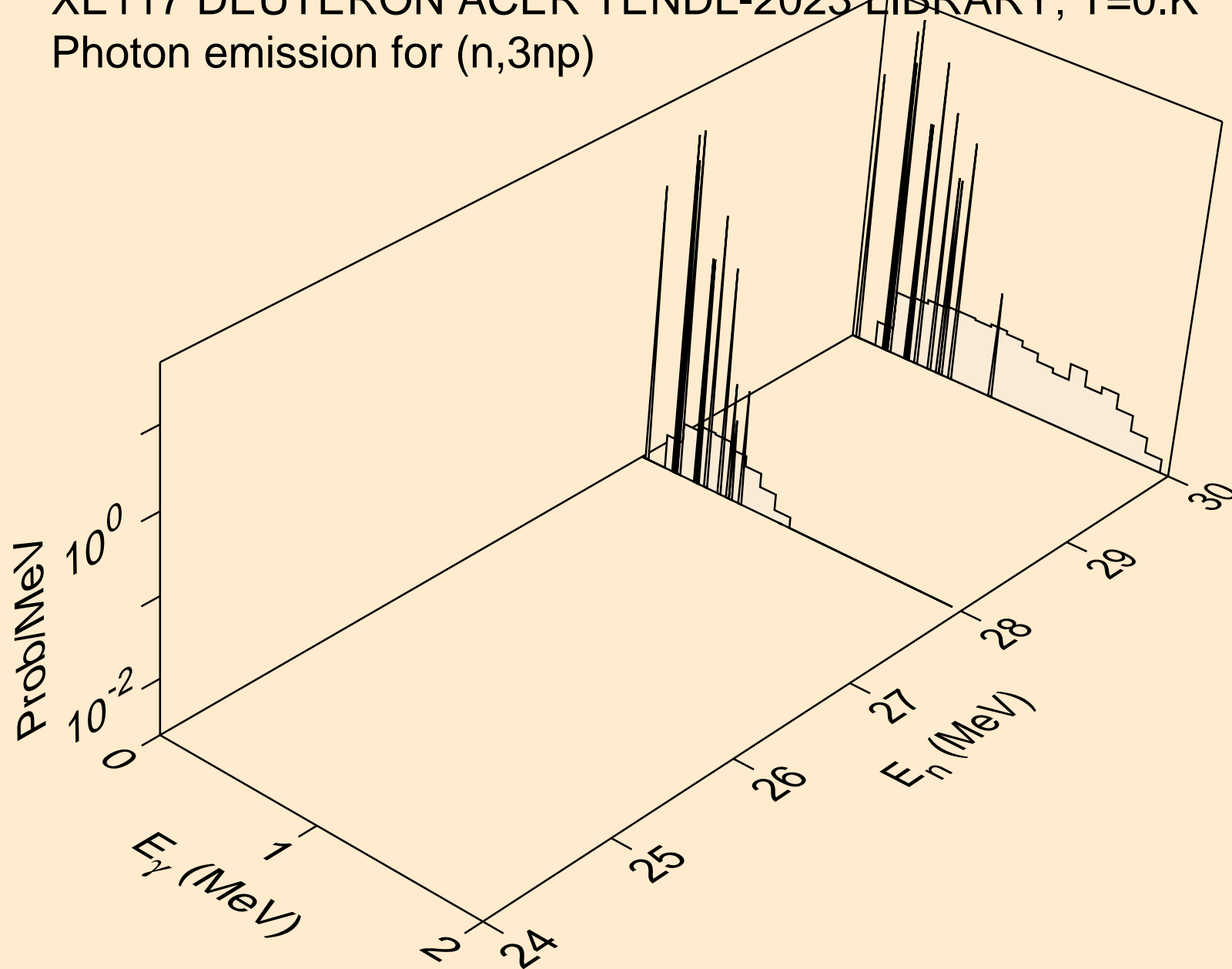
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

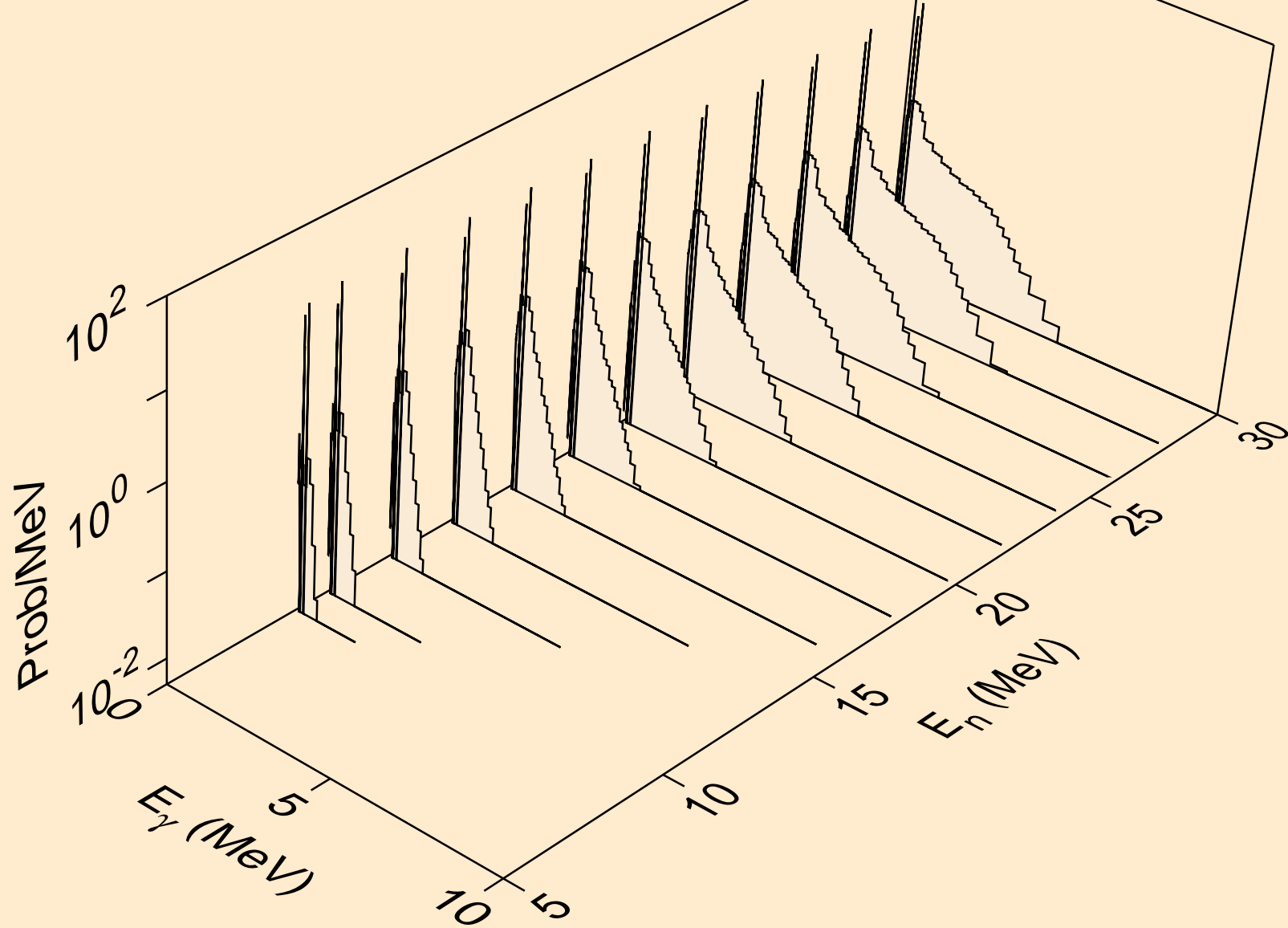


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Photon emission for (n,3np)

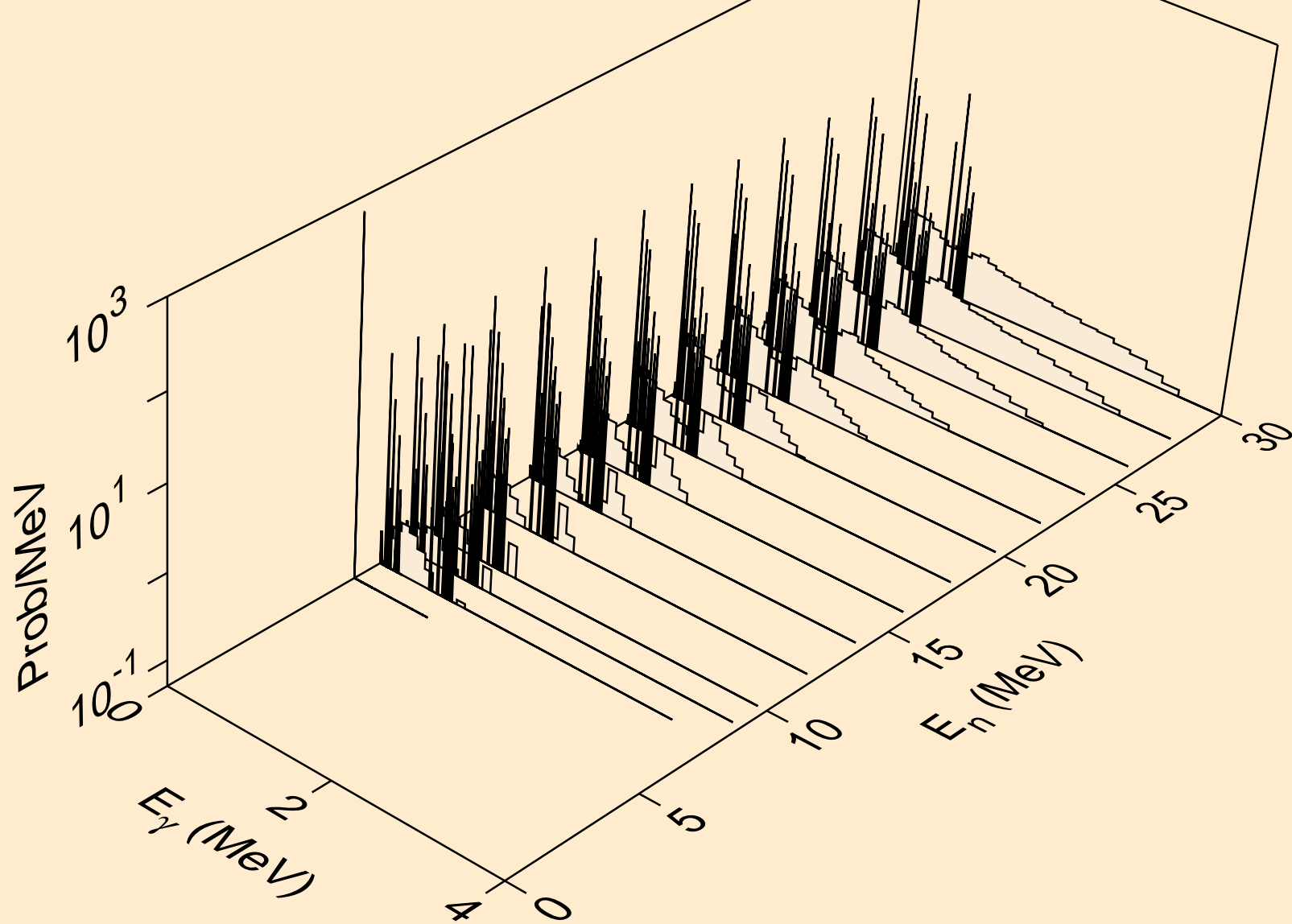




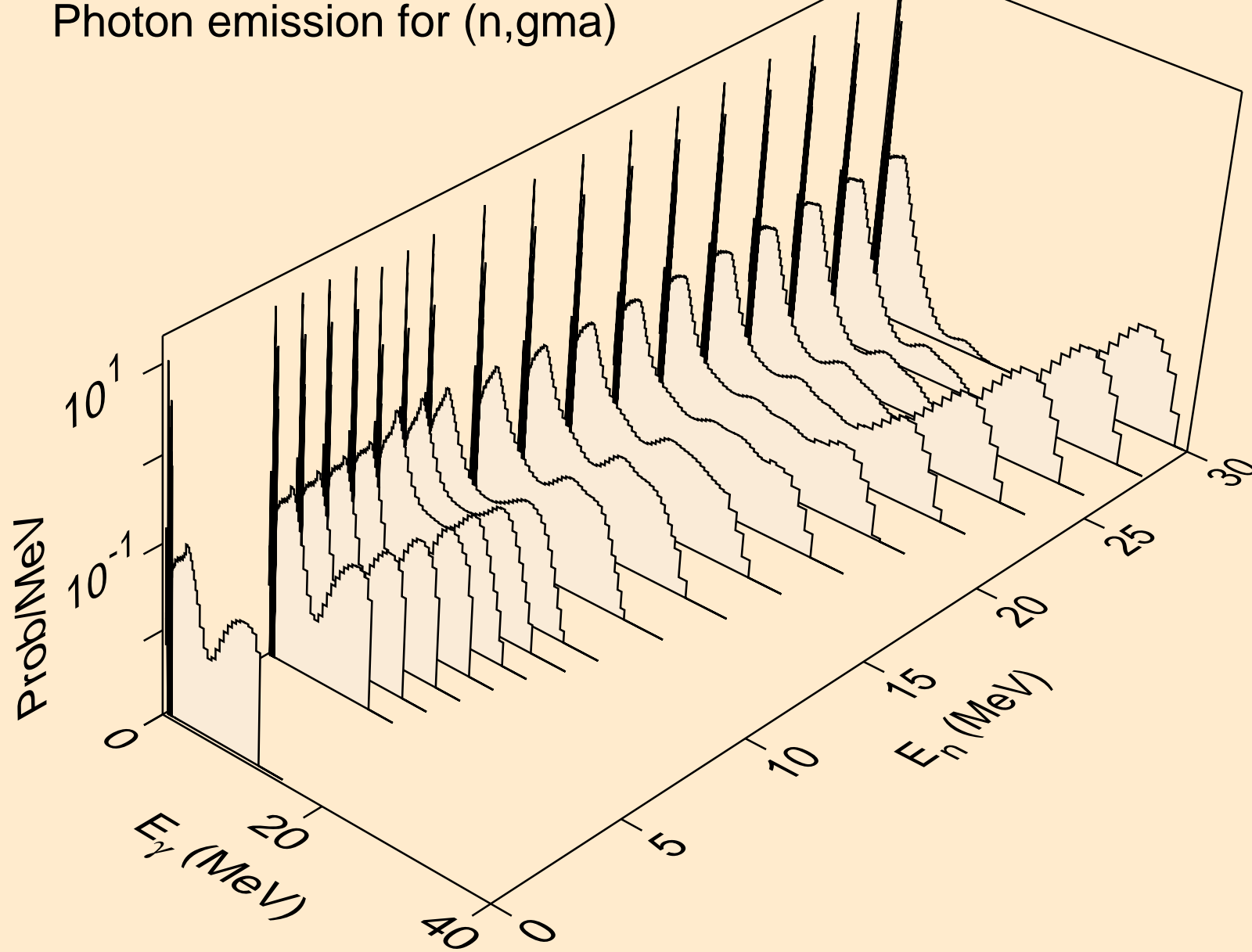
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Photon emission for (n,n2p)



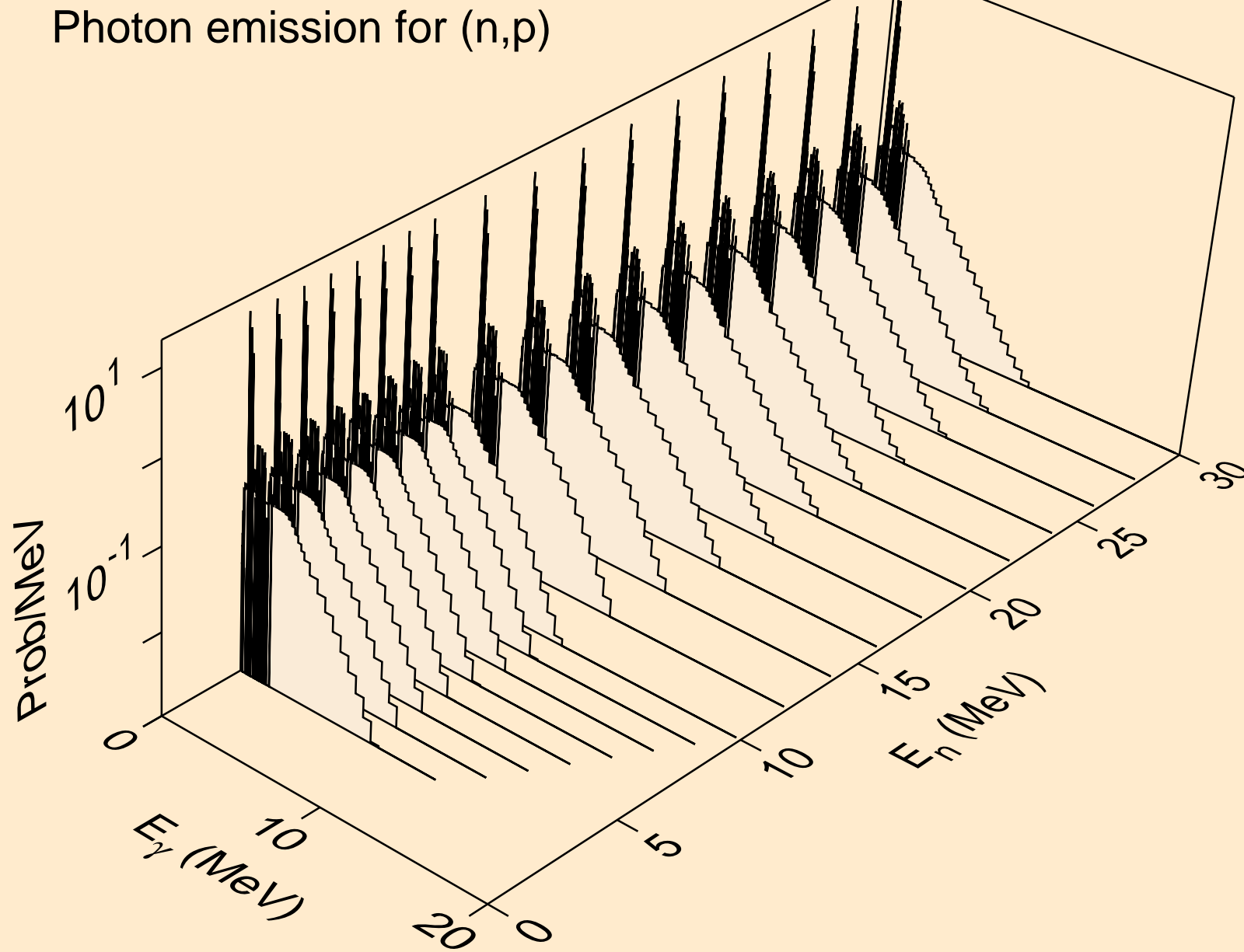
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Photon emission for (n,npa)



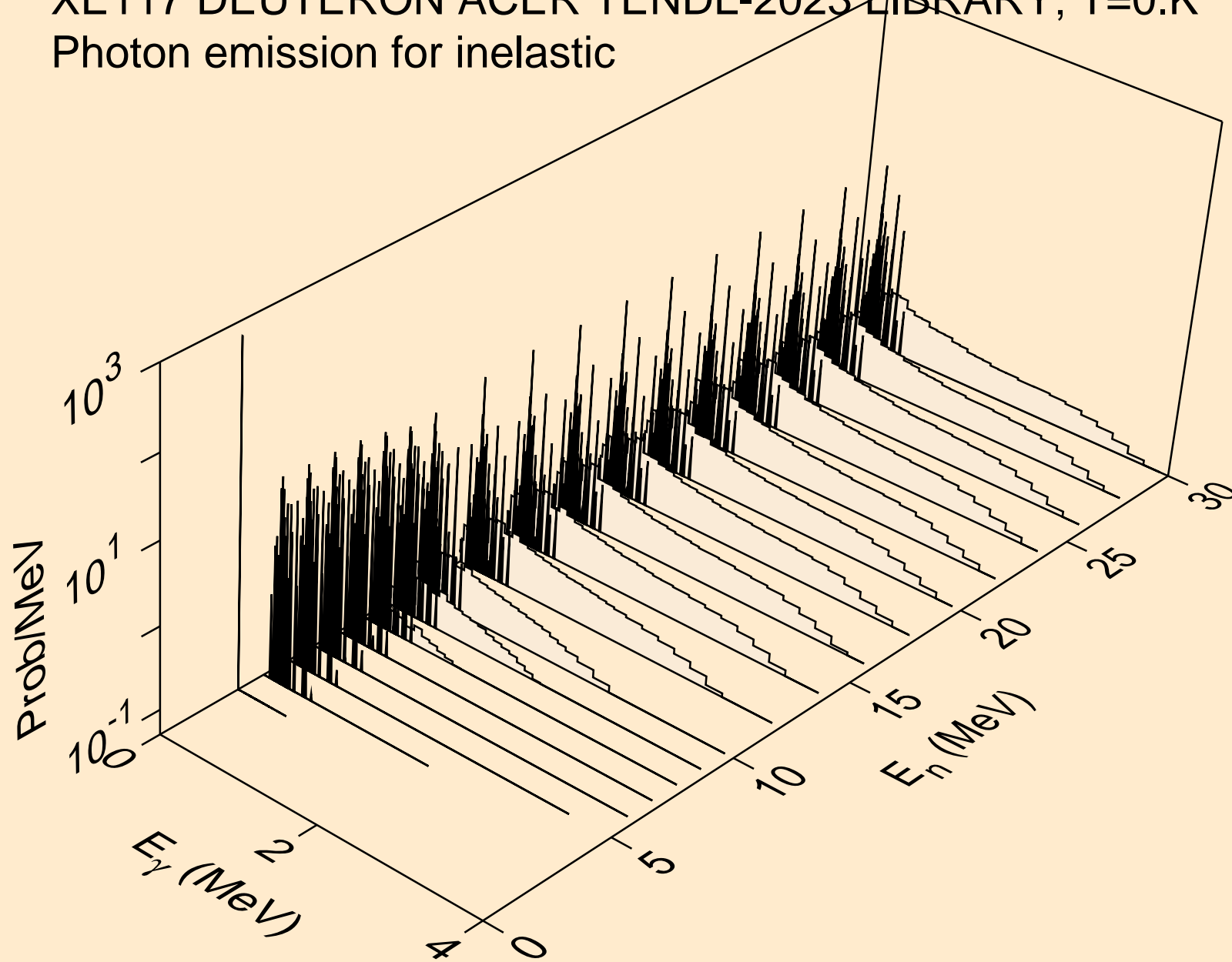
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Photon emission for (n,gma)



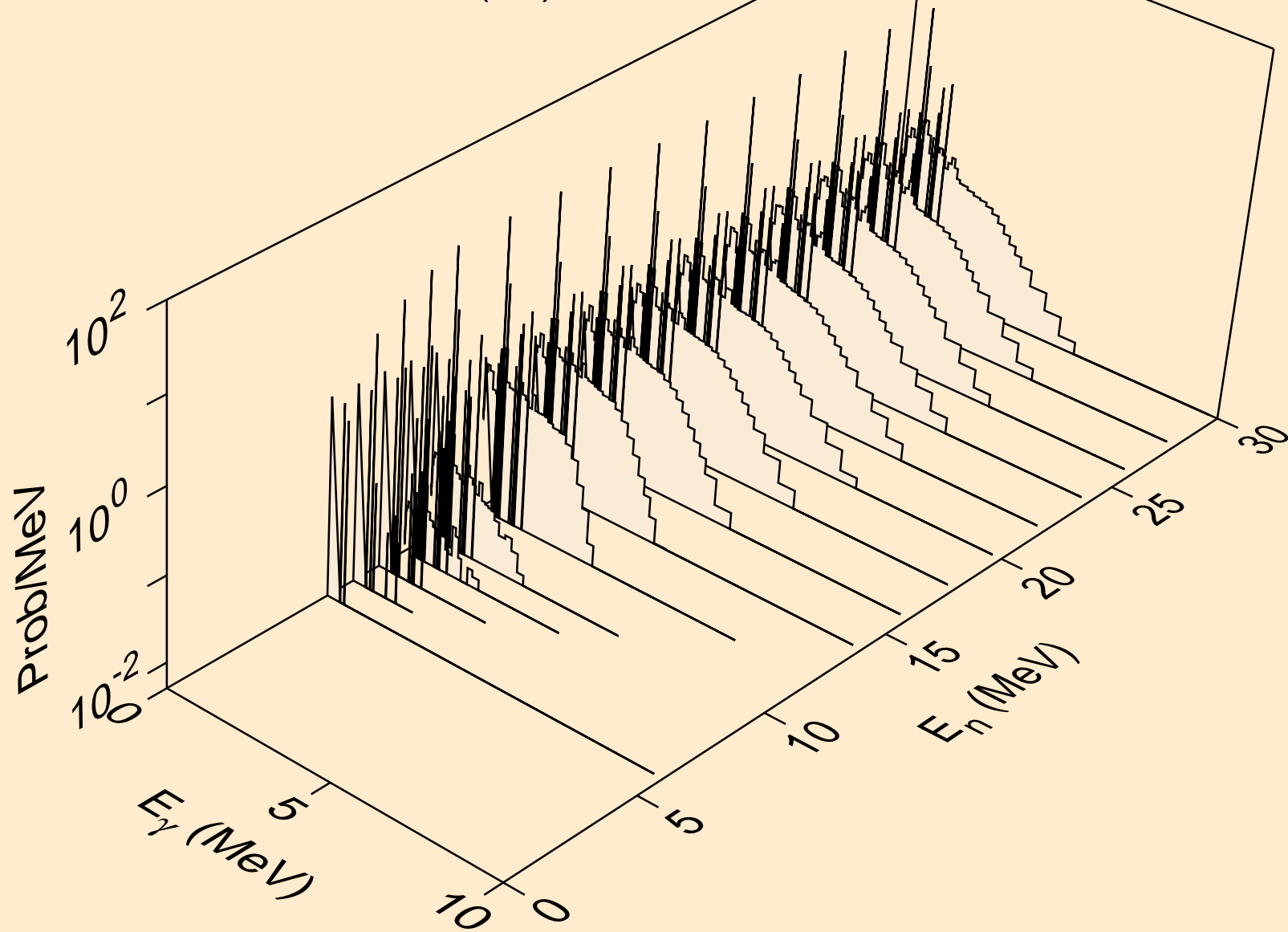
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Photon emission for (n,p)



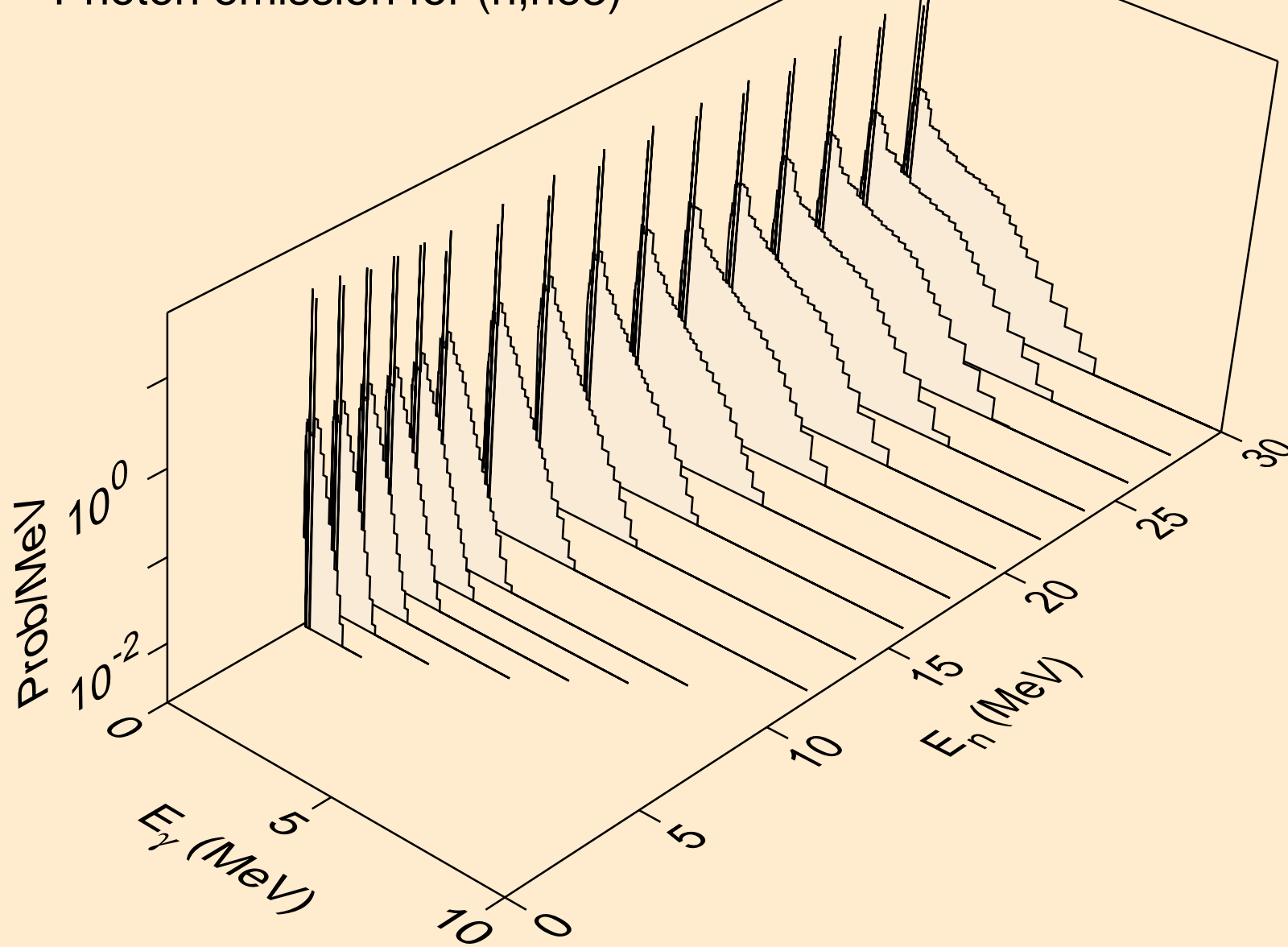
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



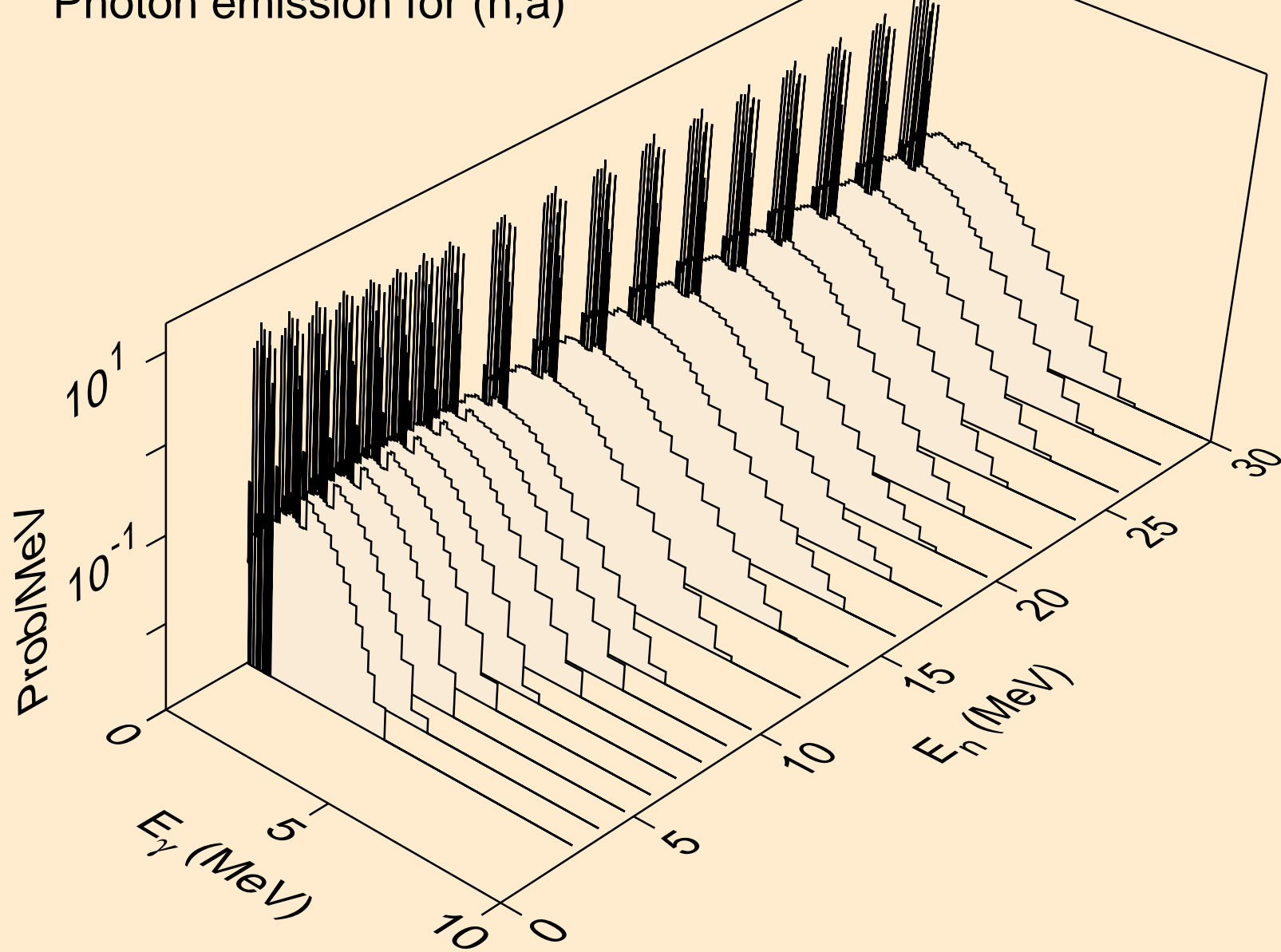
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



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Photon emission for (n,he3)

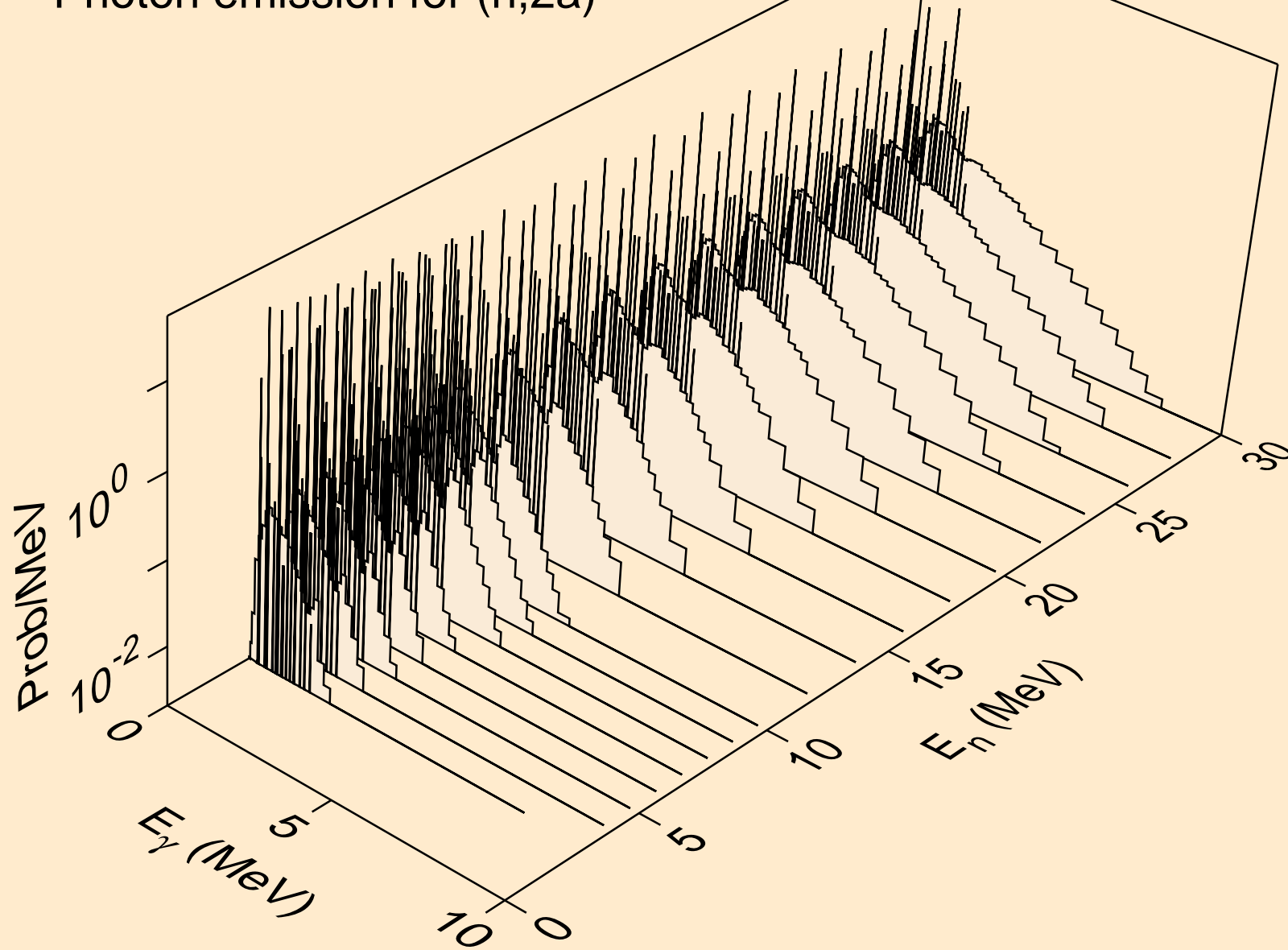


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Photon emission for (n,a)

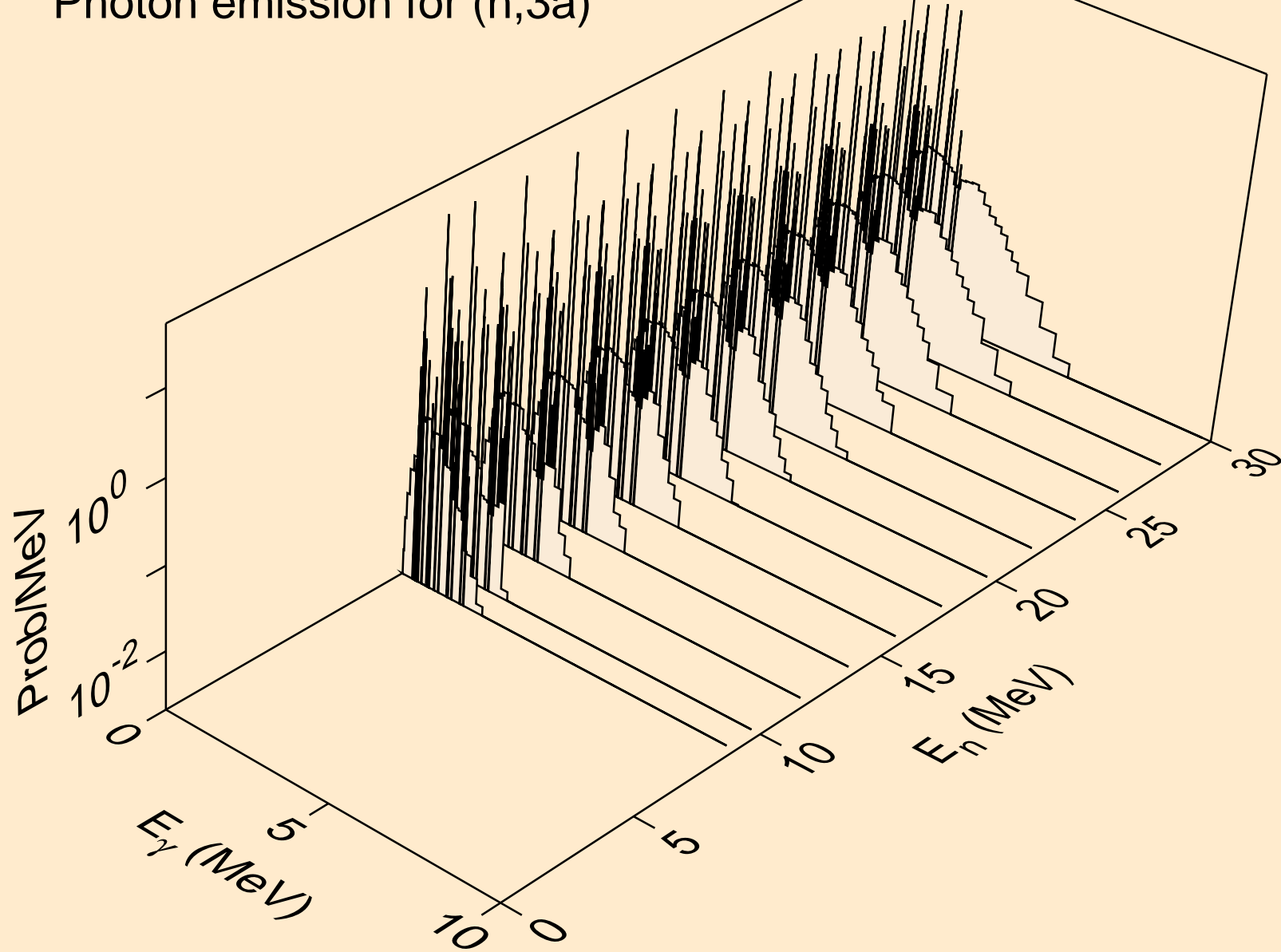




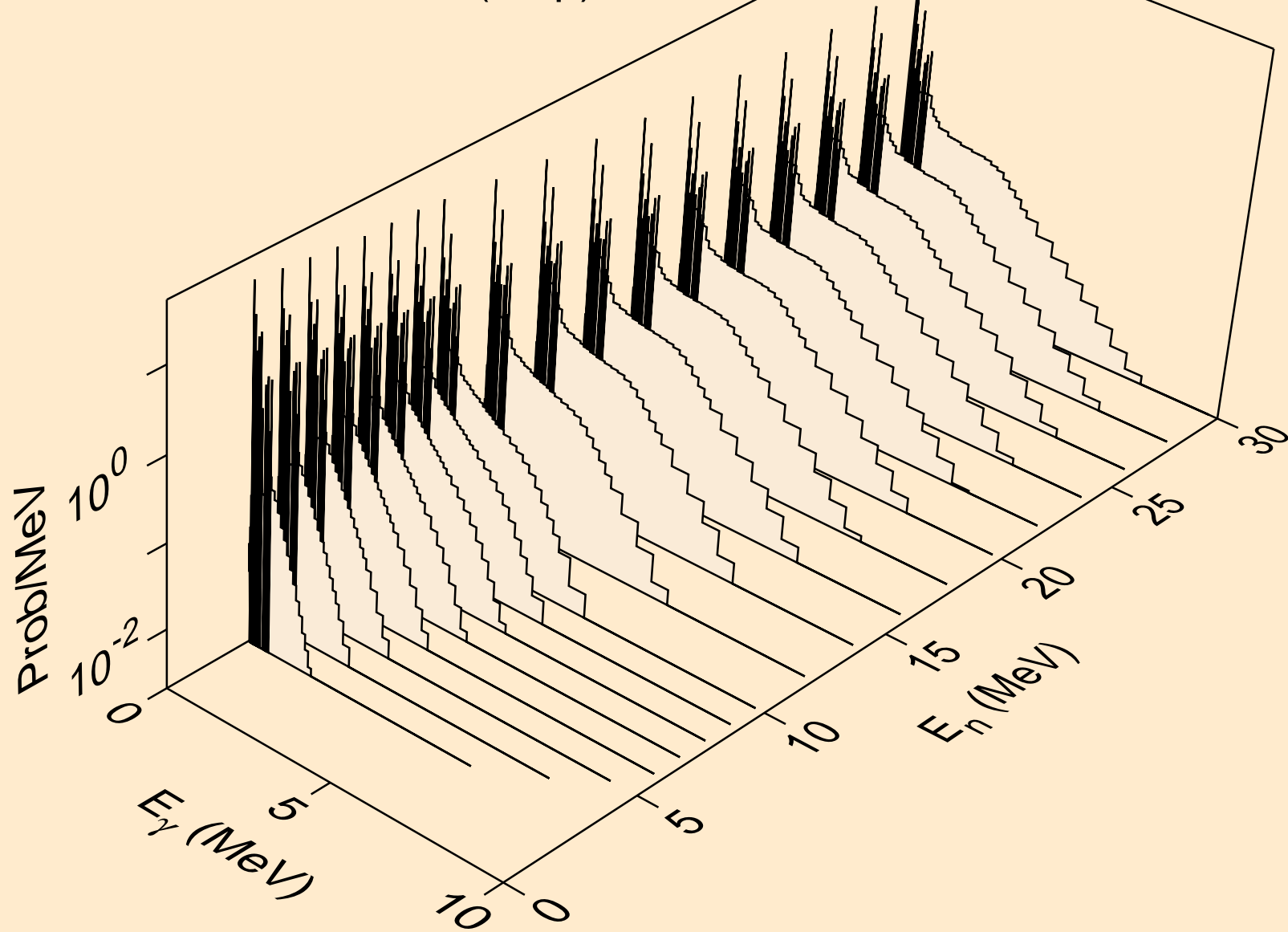
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Photon emission for (n,2a)



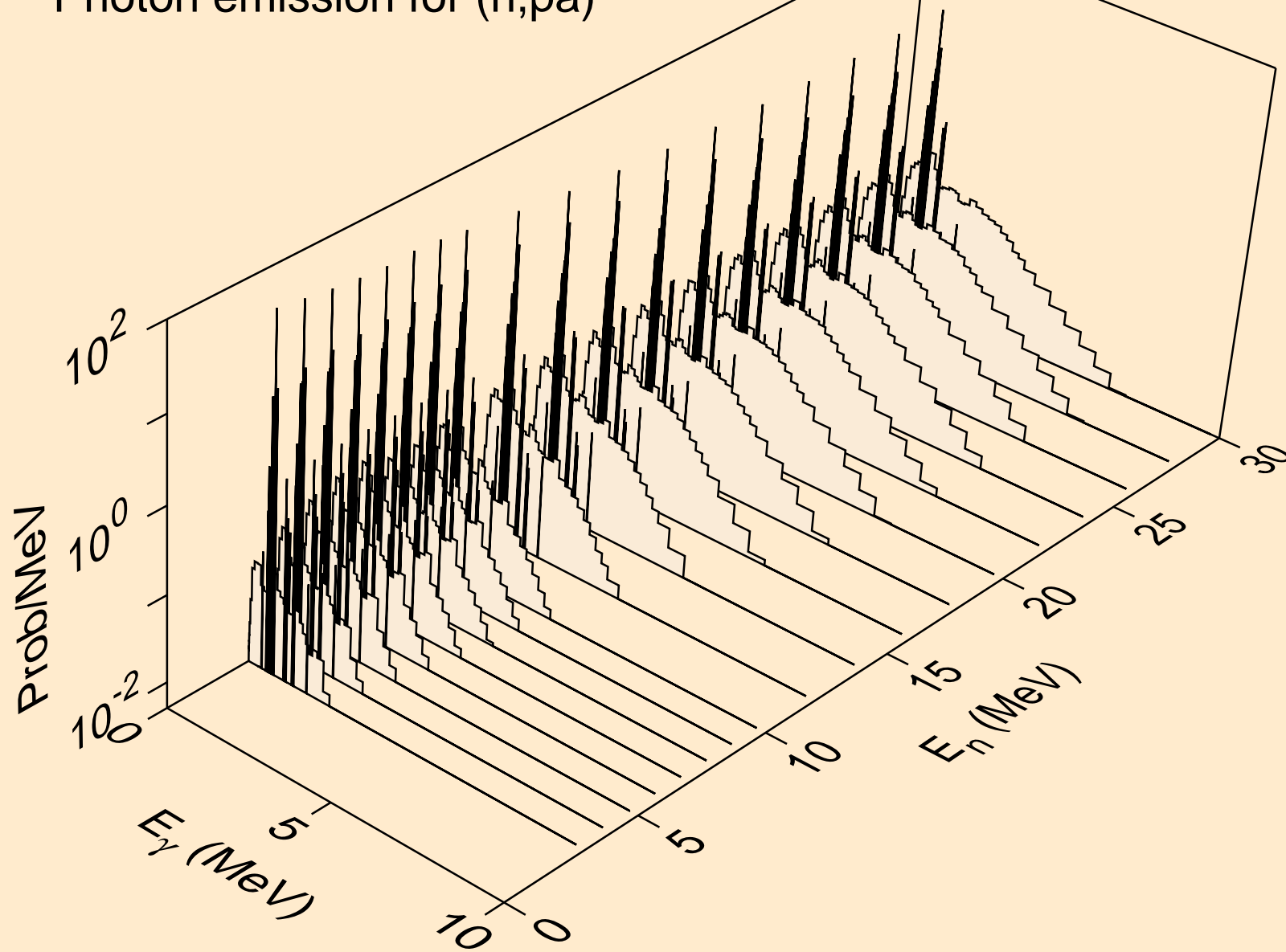
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Photon emission for (n,3a)



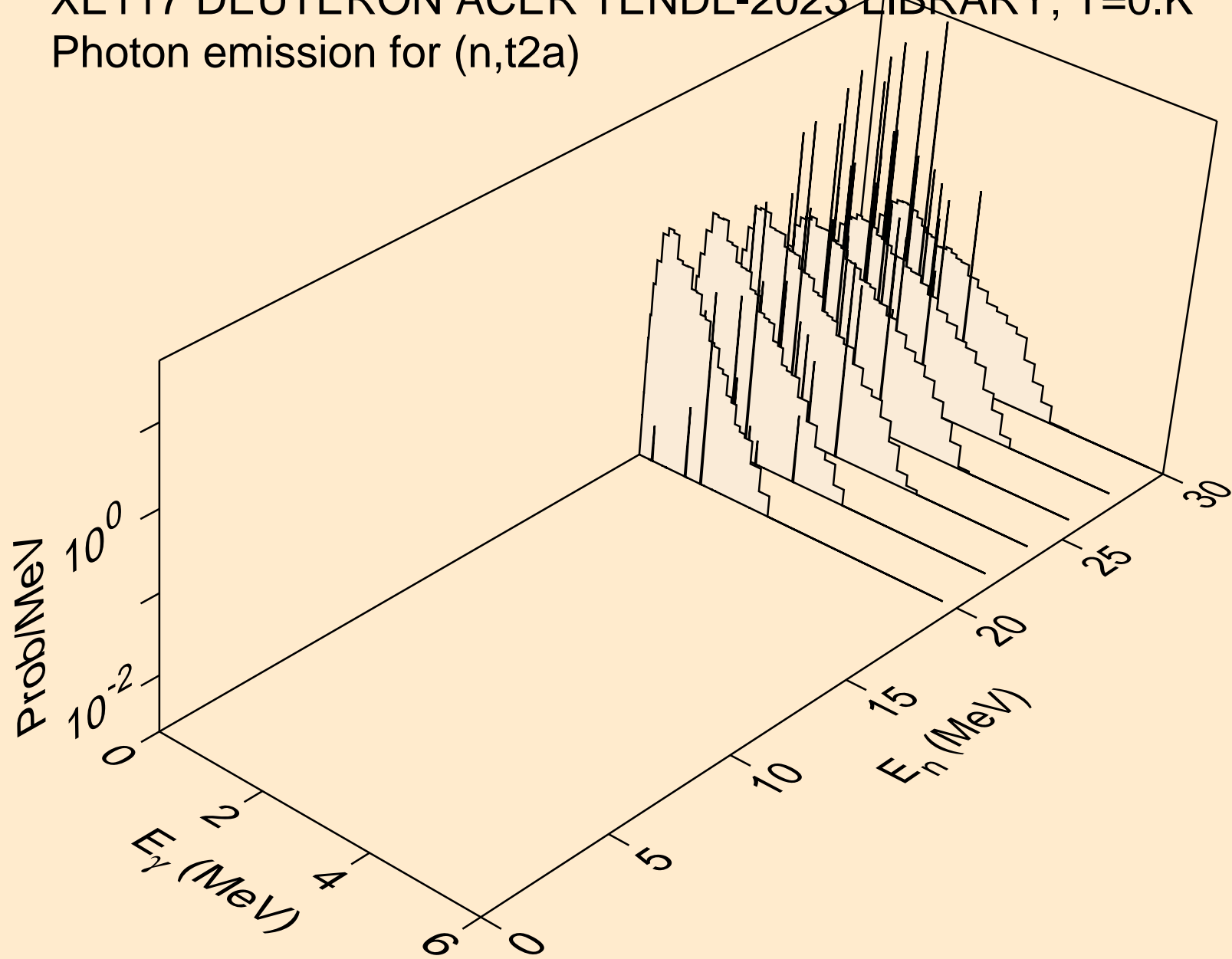
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Photon emission for (n,2p)



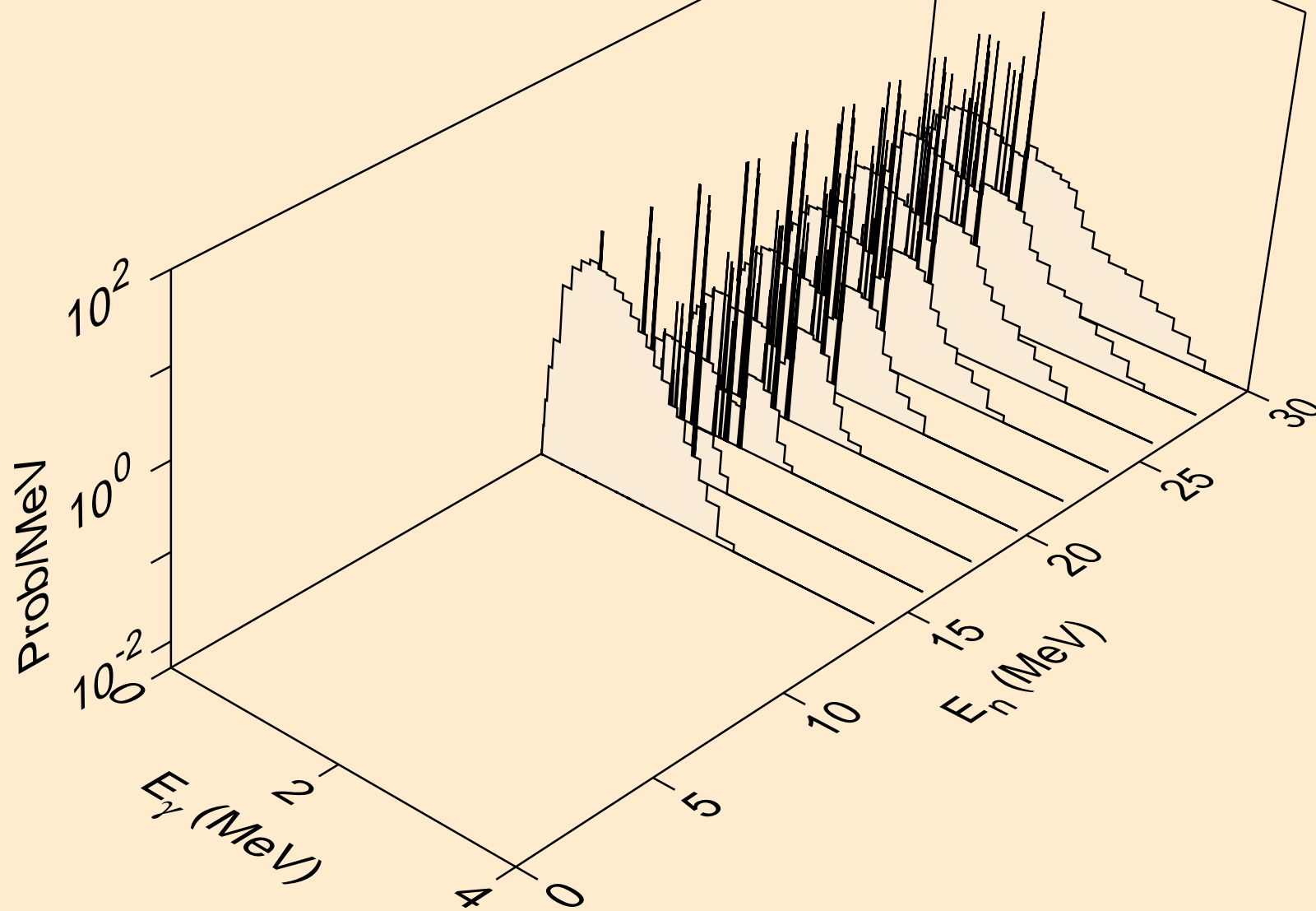
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Photon emission for (n,p $\alpha$ )



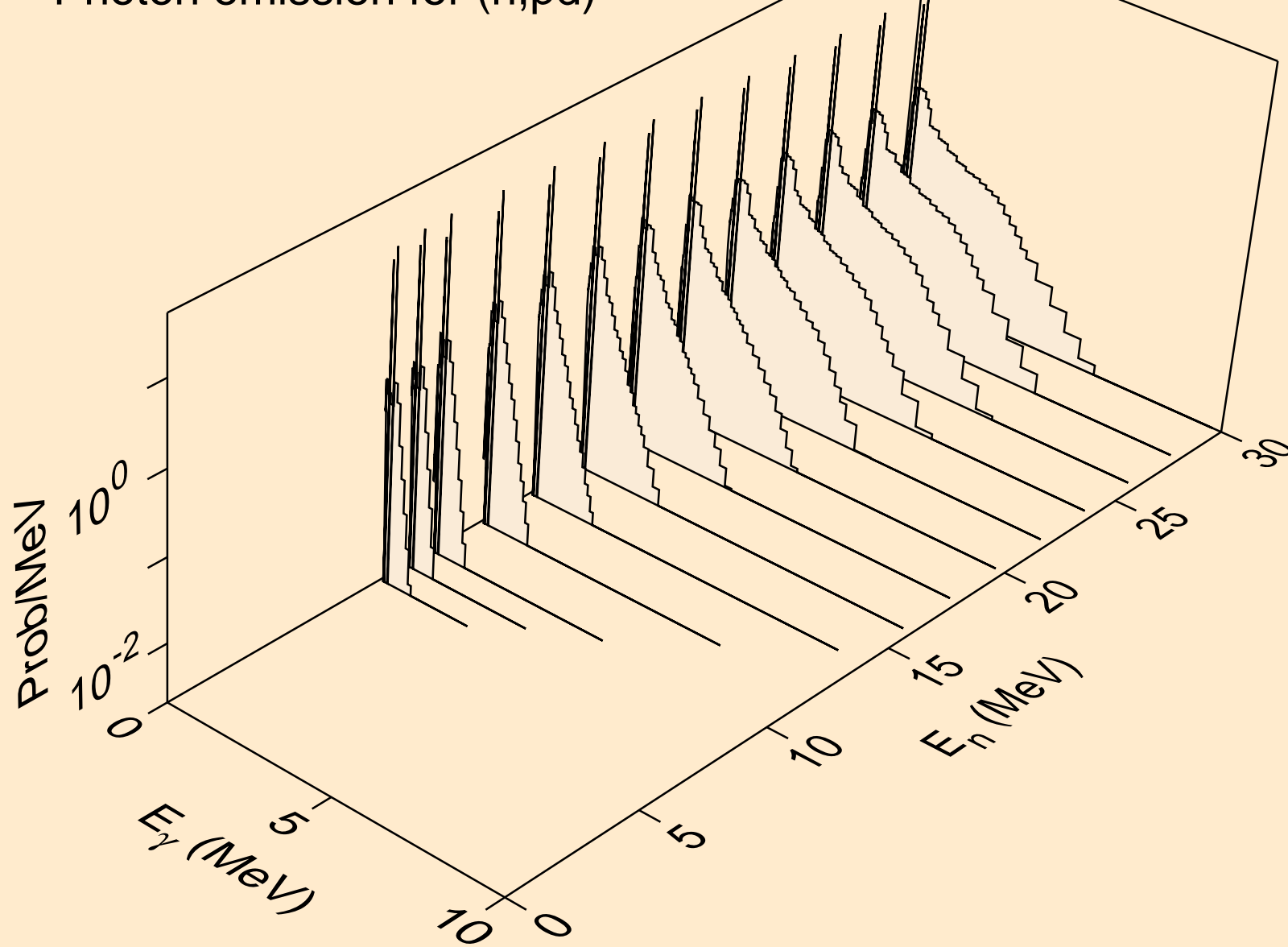
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Photon emission for (n,t2a)



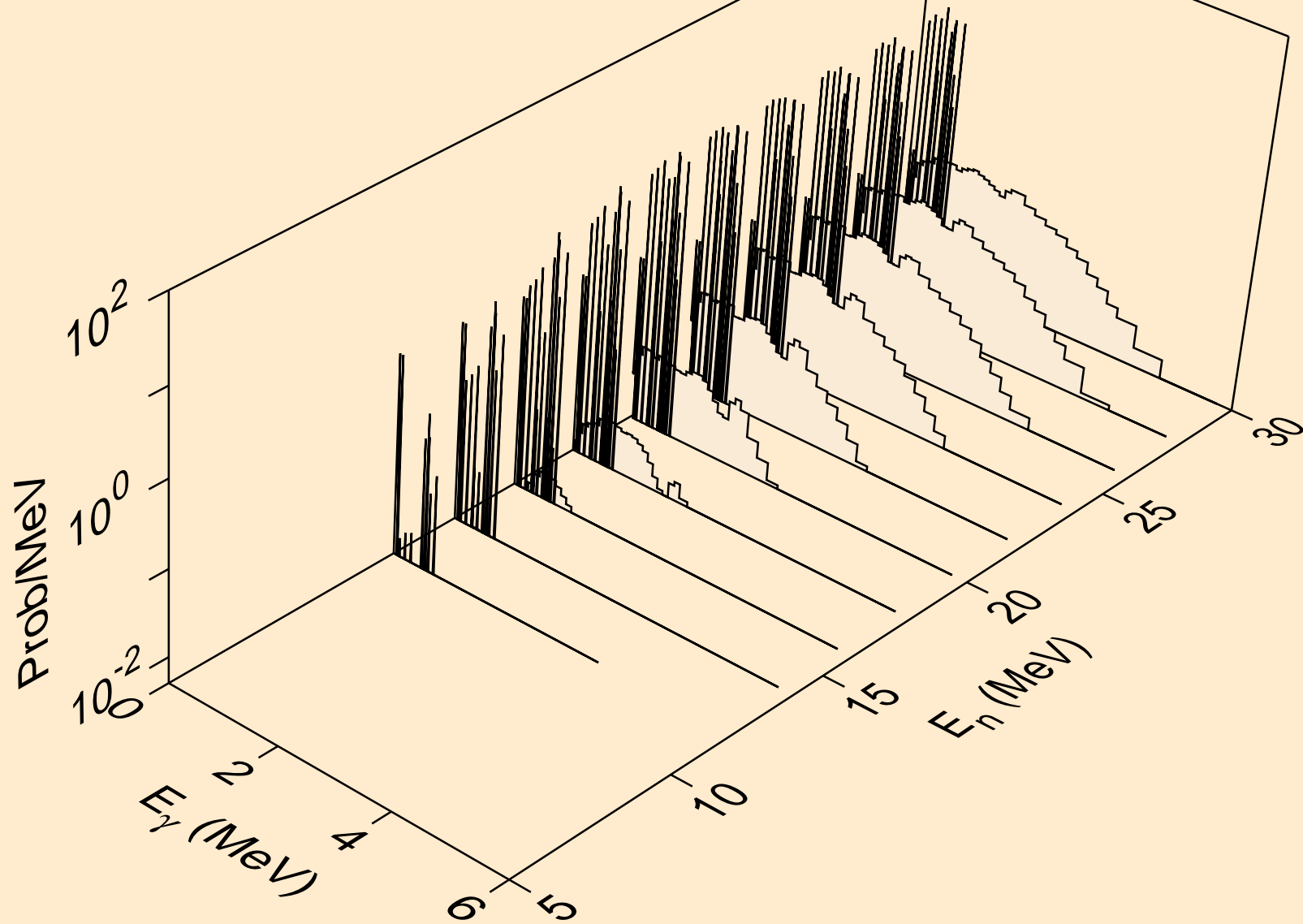
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

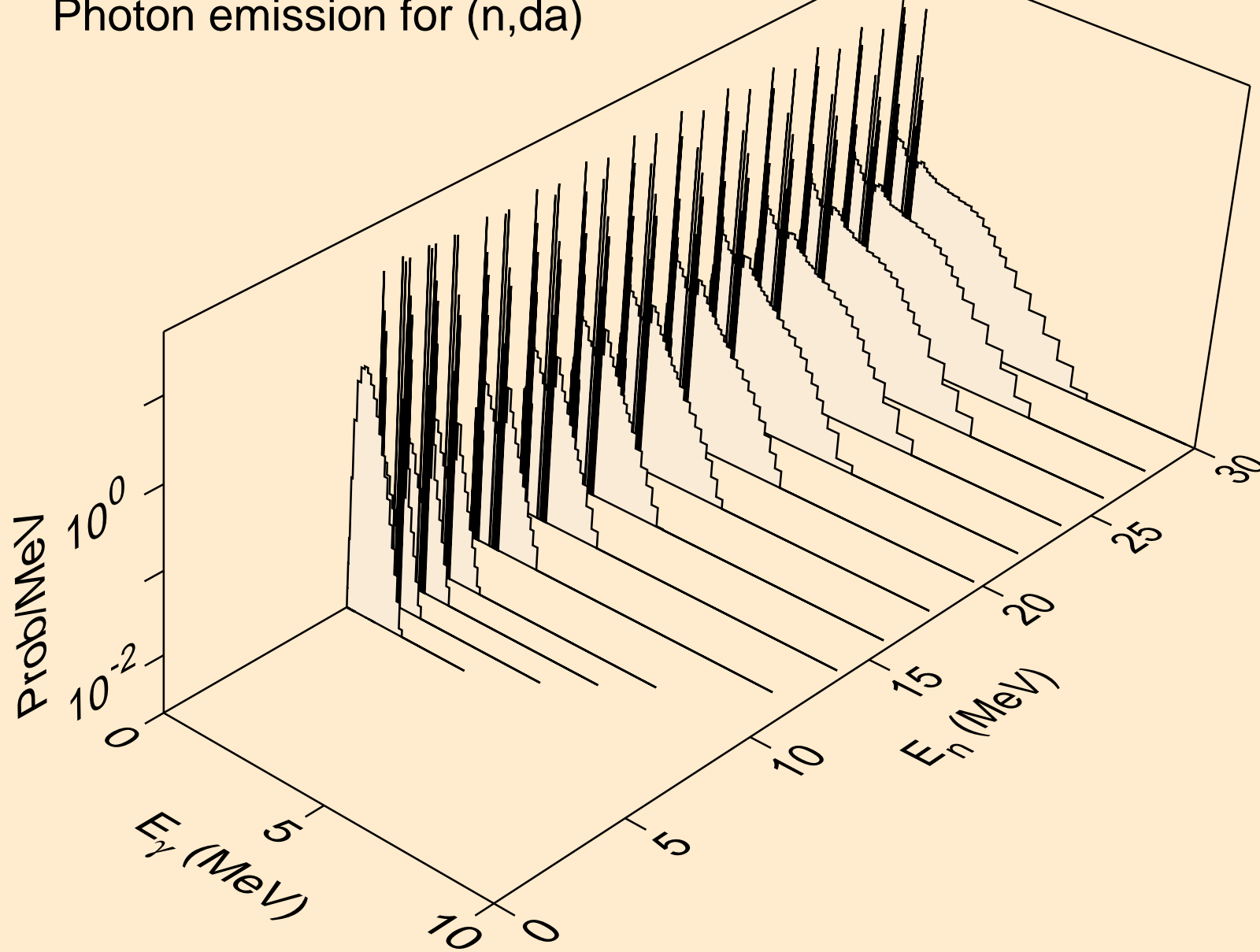


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Photon emission for (n,pt)



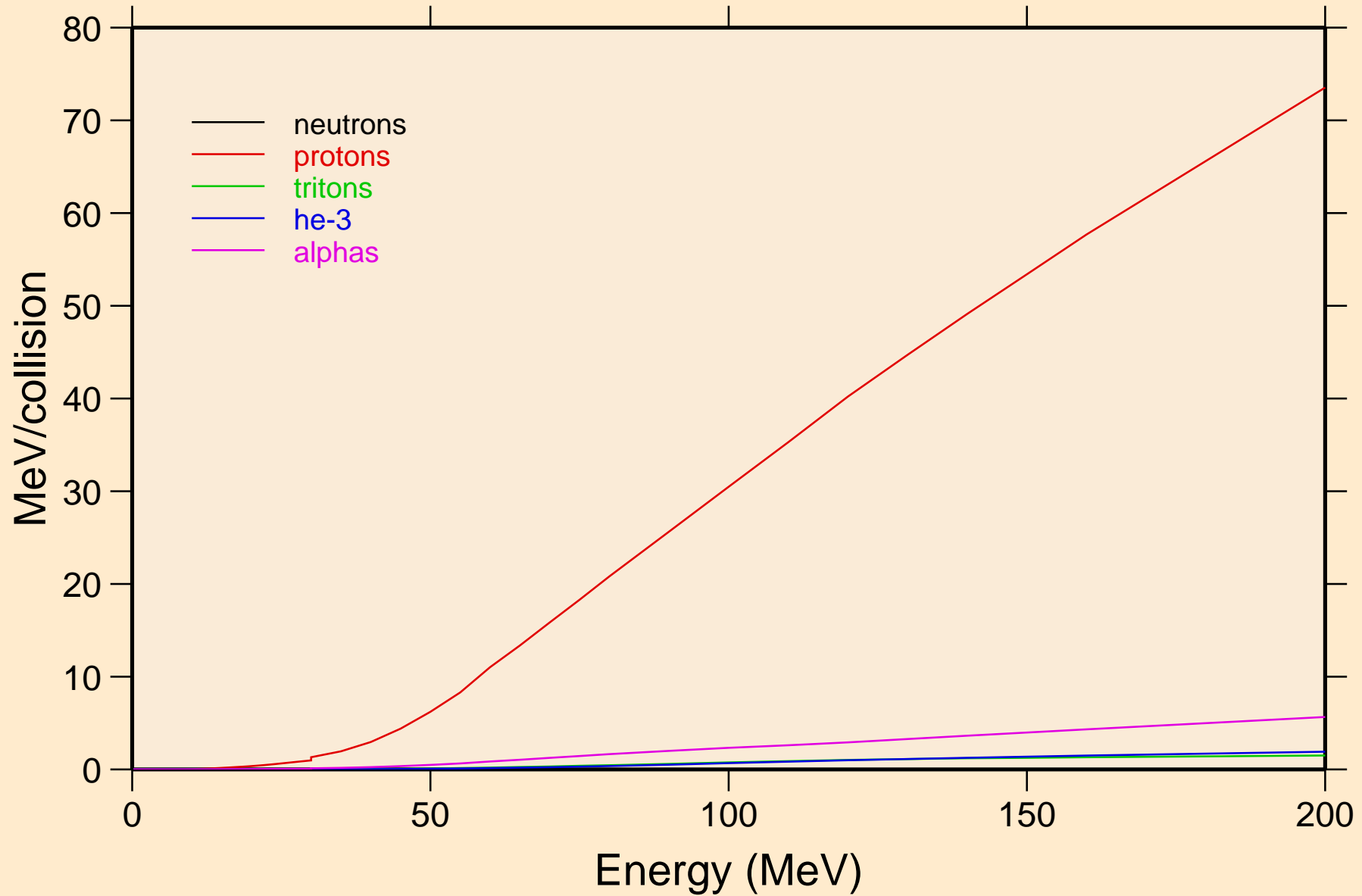


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Photon emission for (n,da)

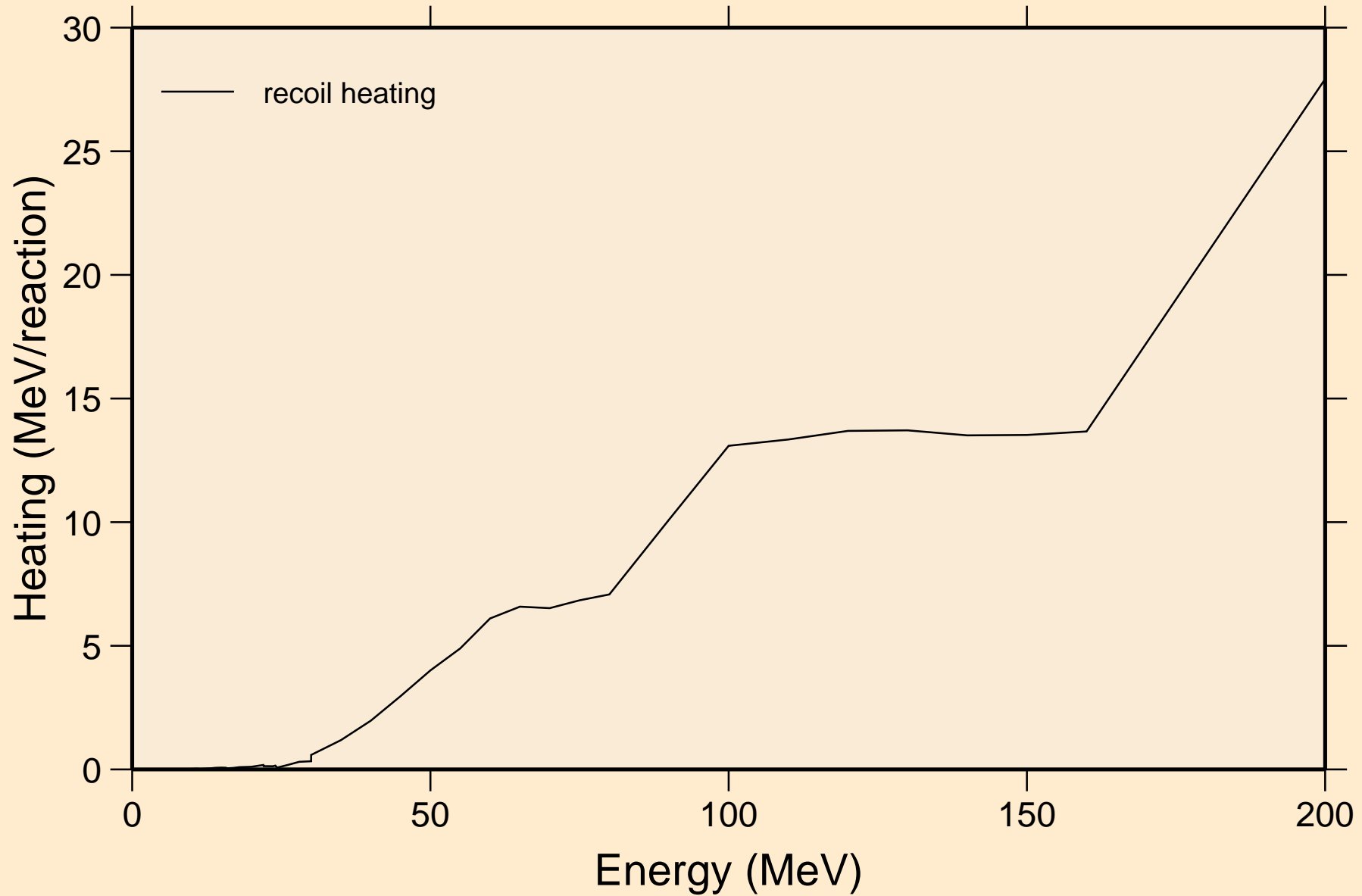


# XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

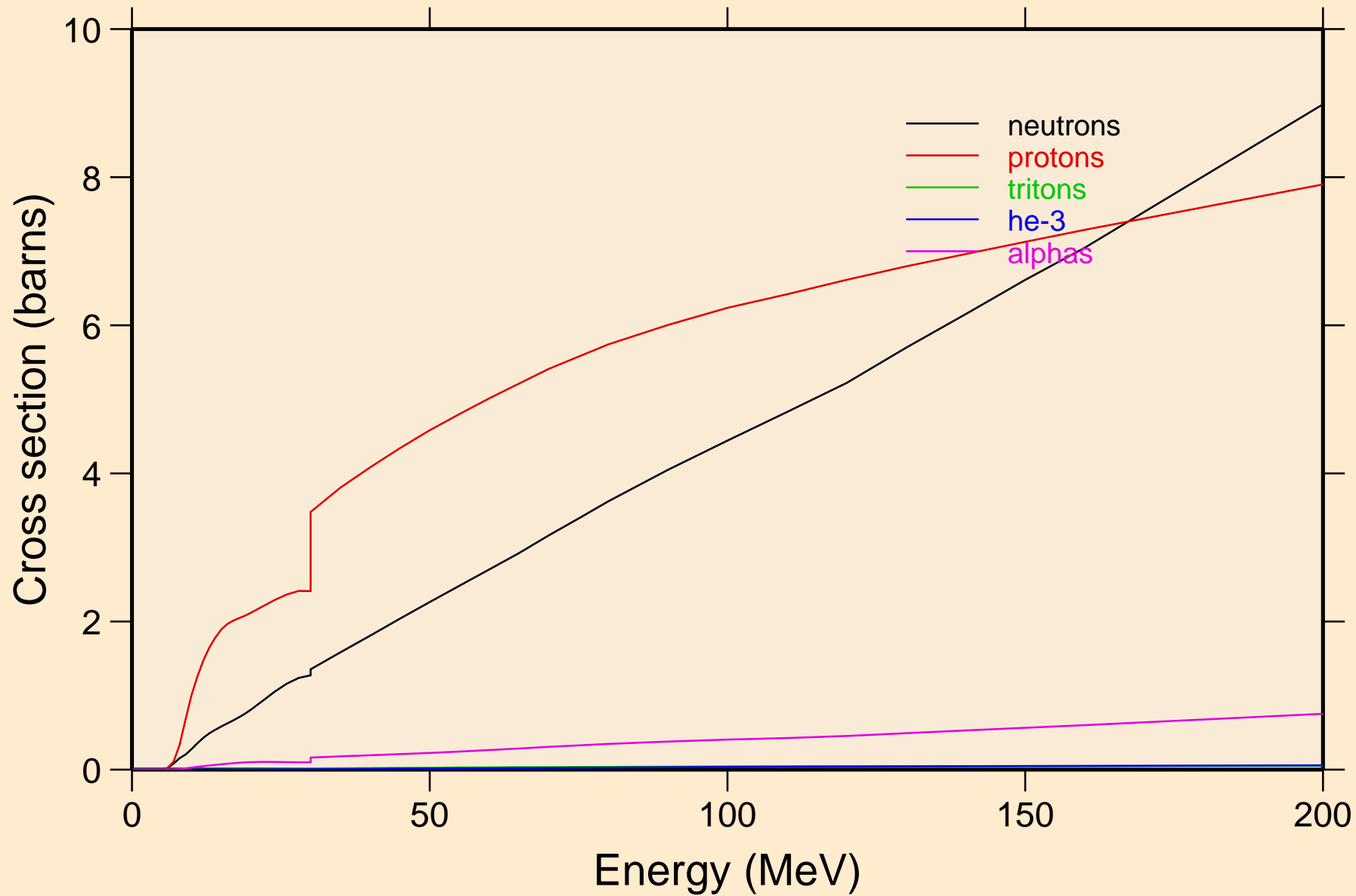


XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

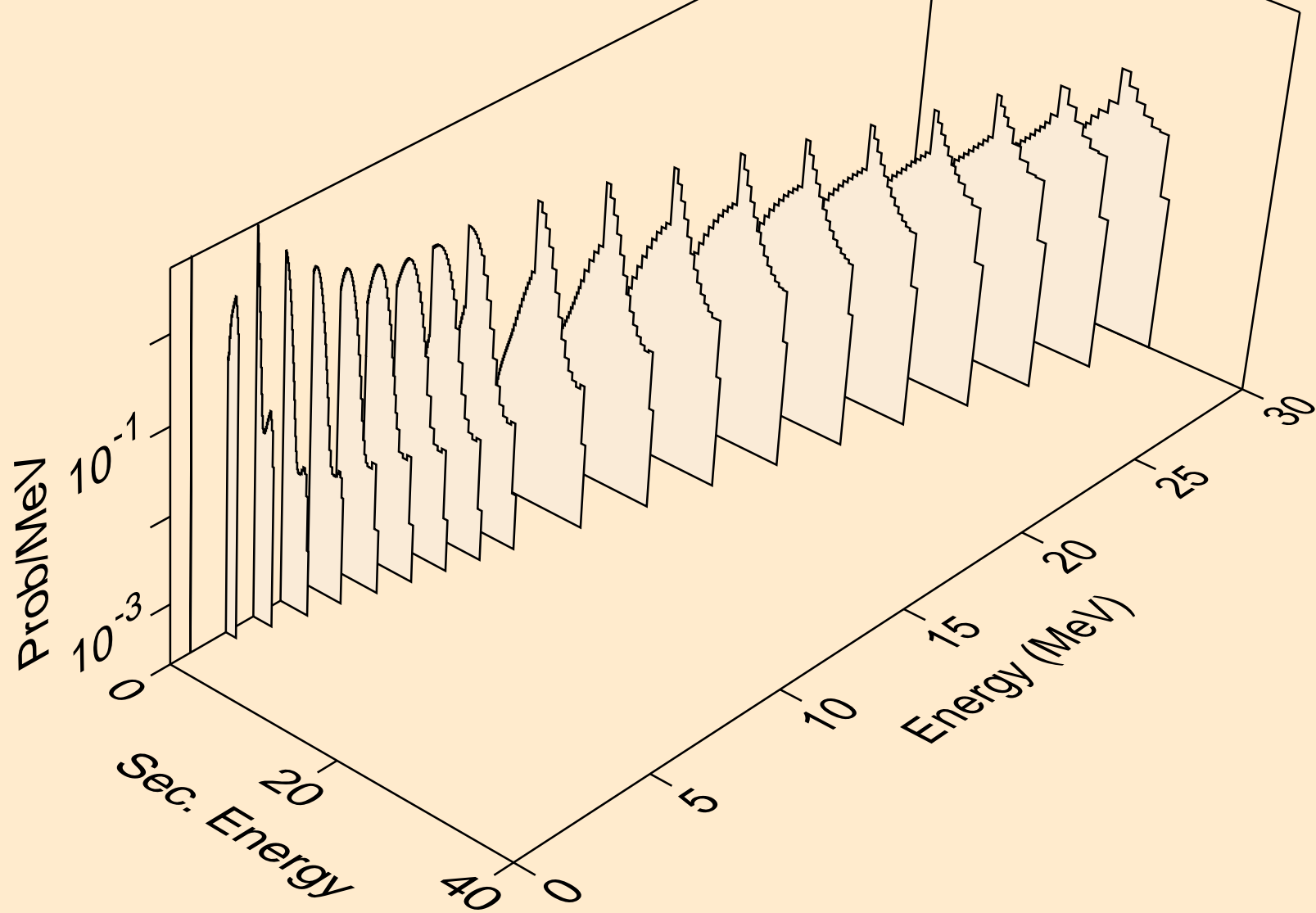


# XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

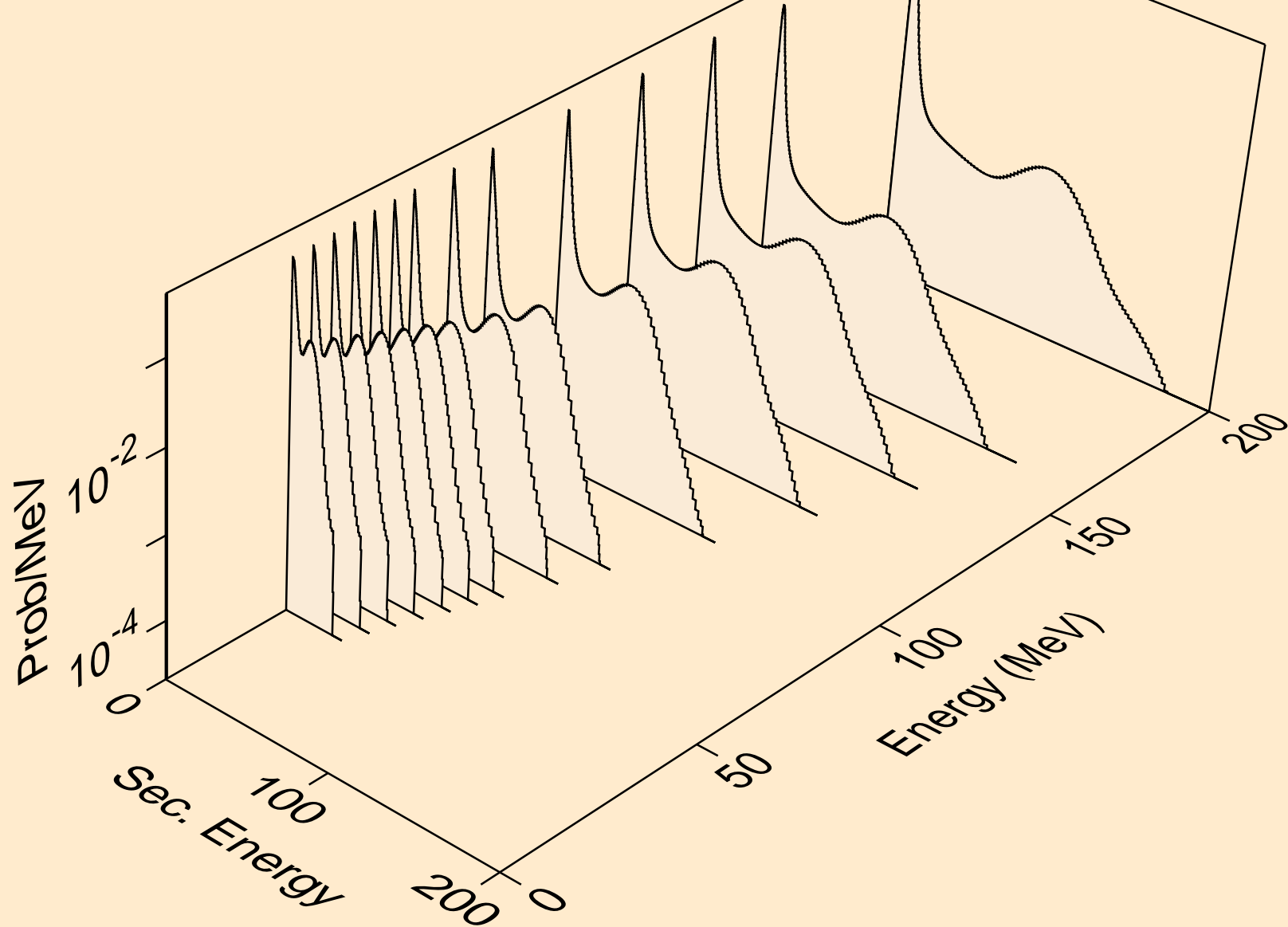
## Particle production cross sections



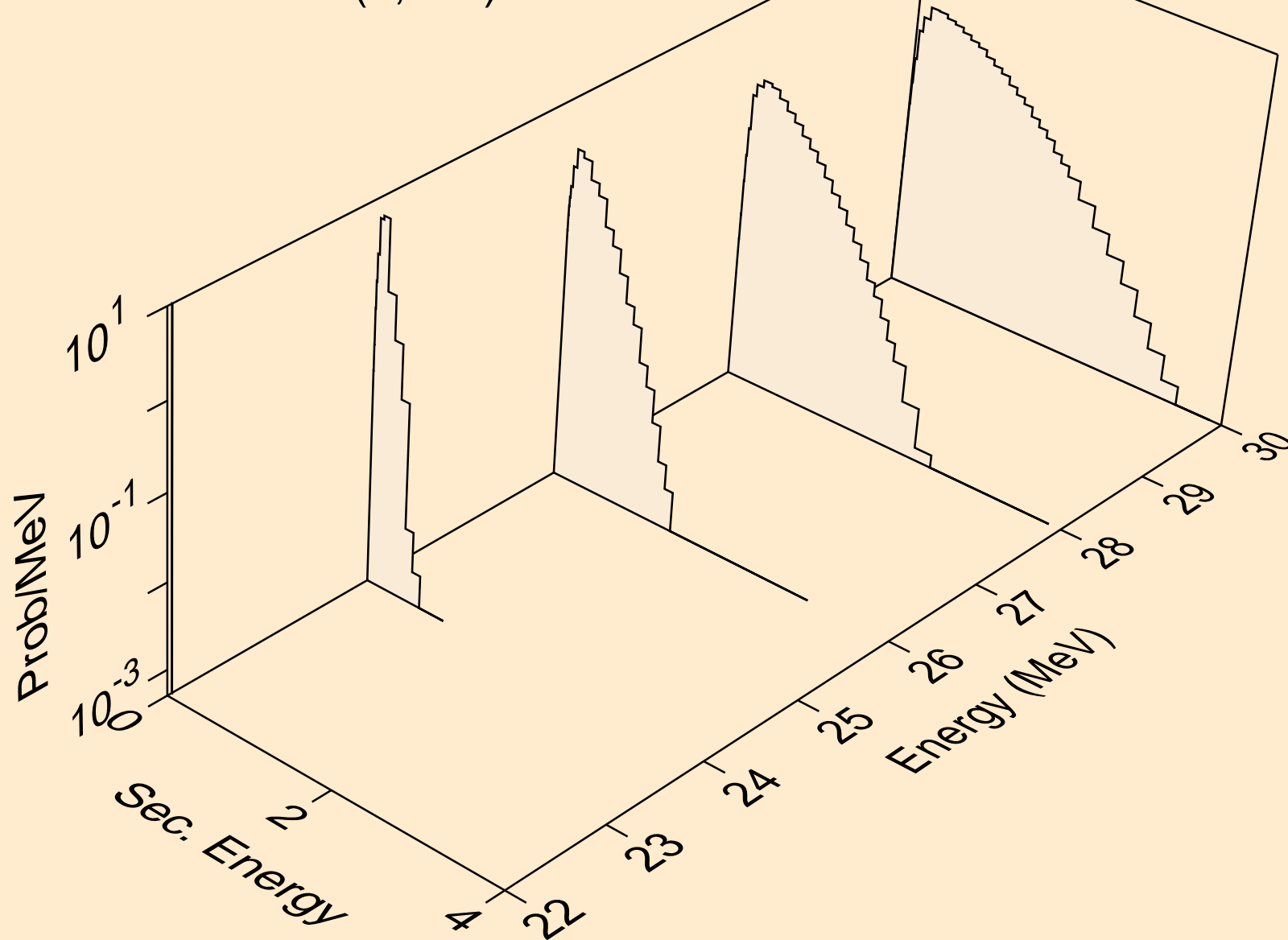
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n)



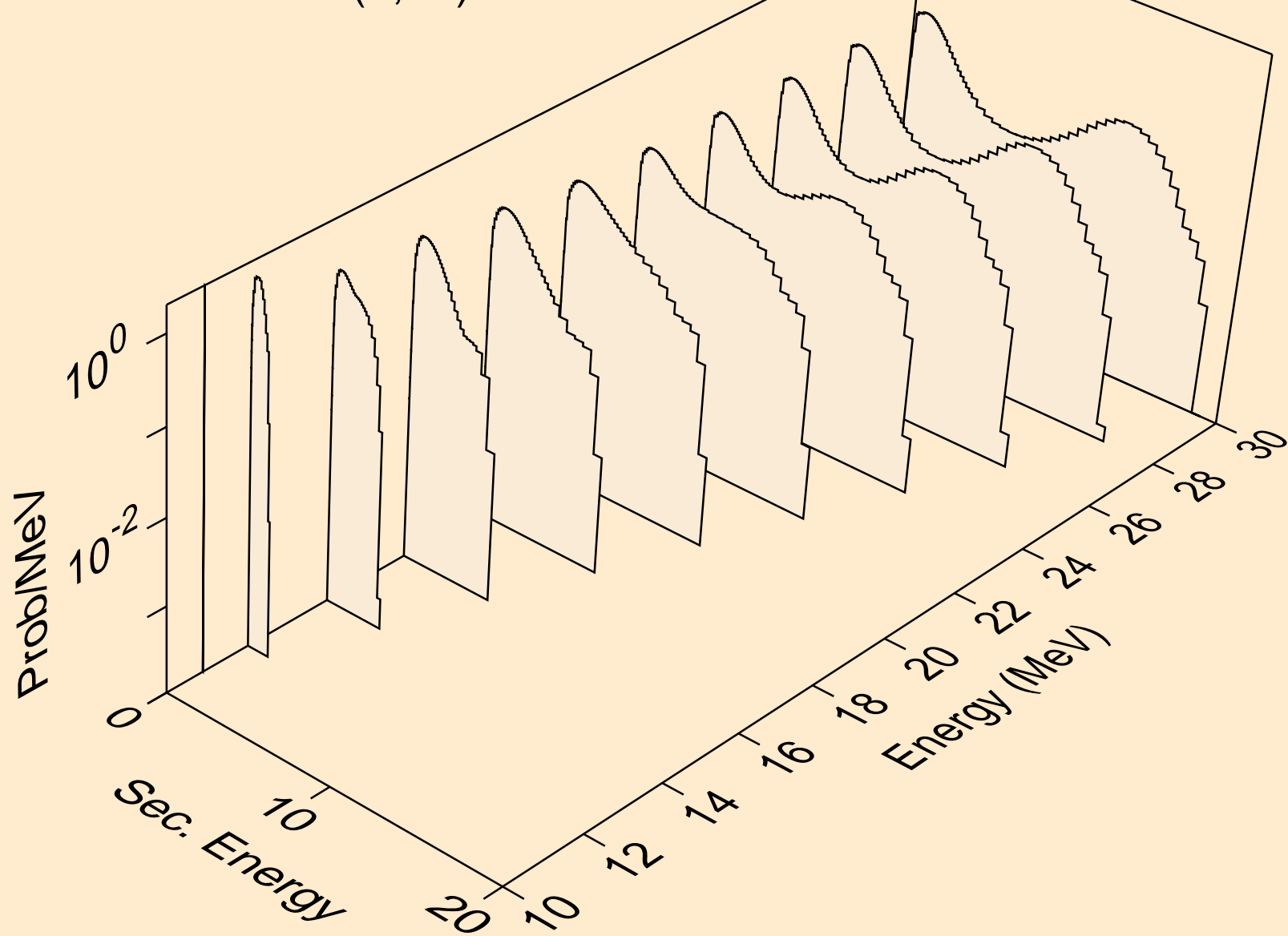
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,x)



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2nd)

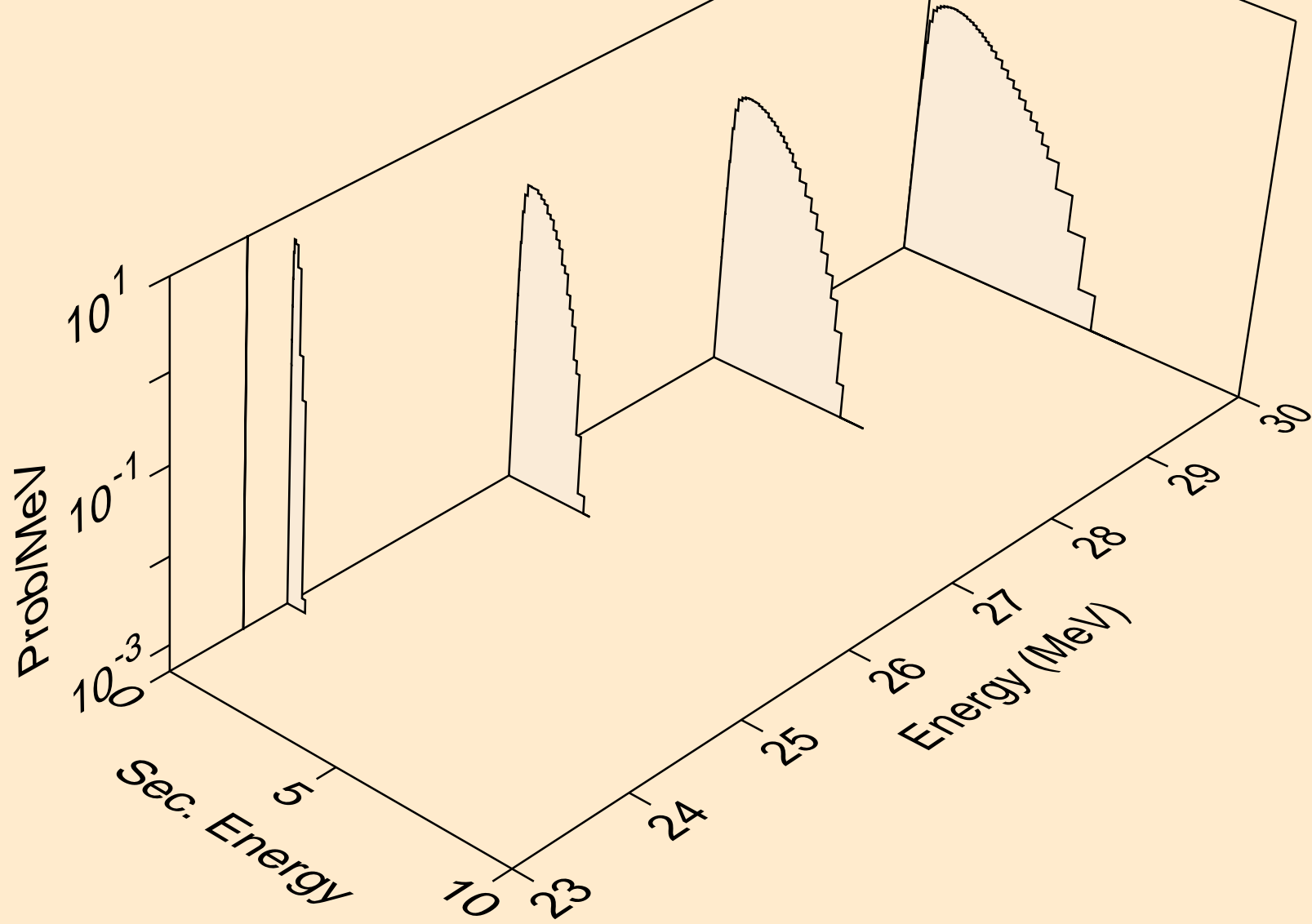


XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2n)

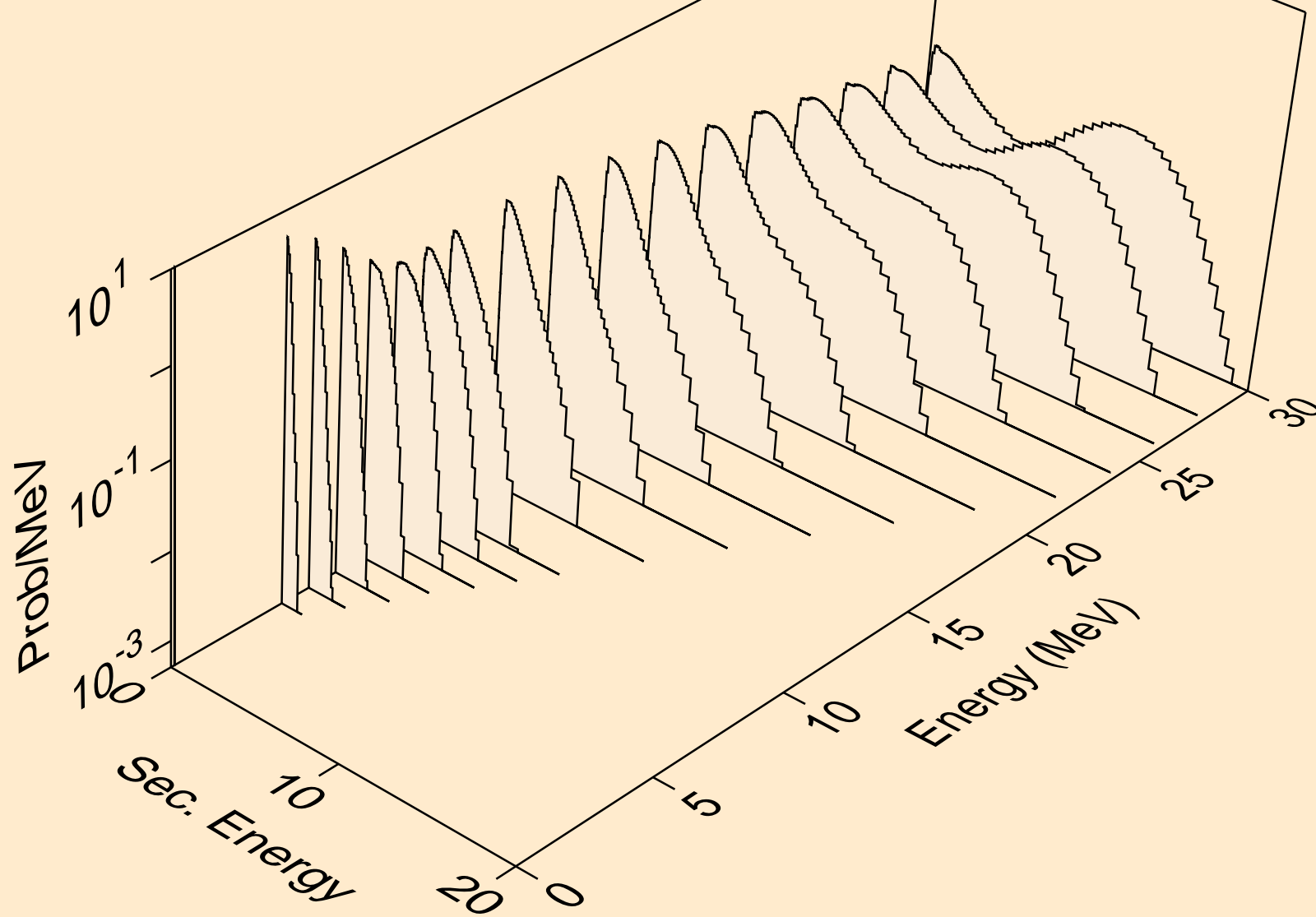




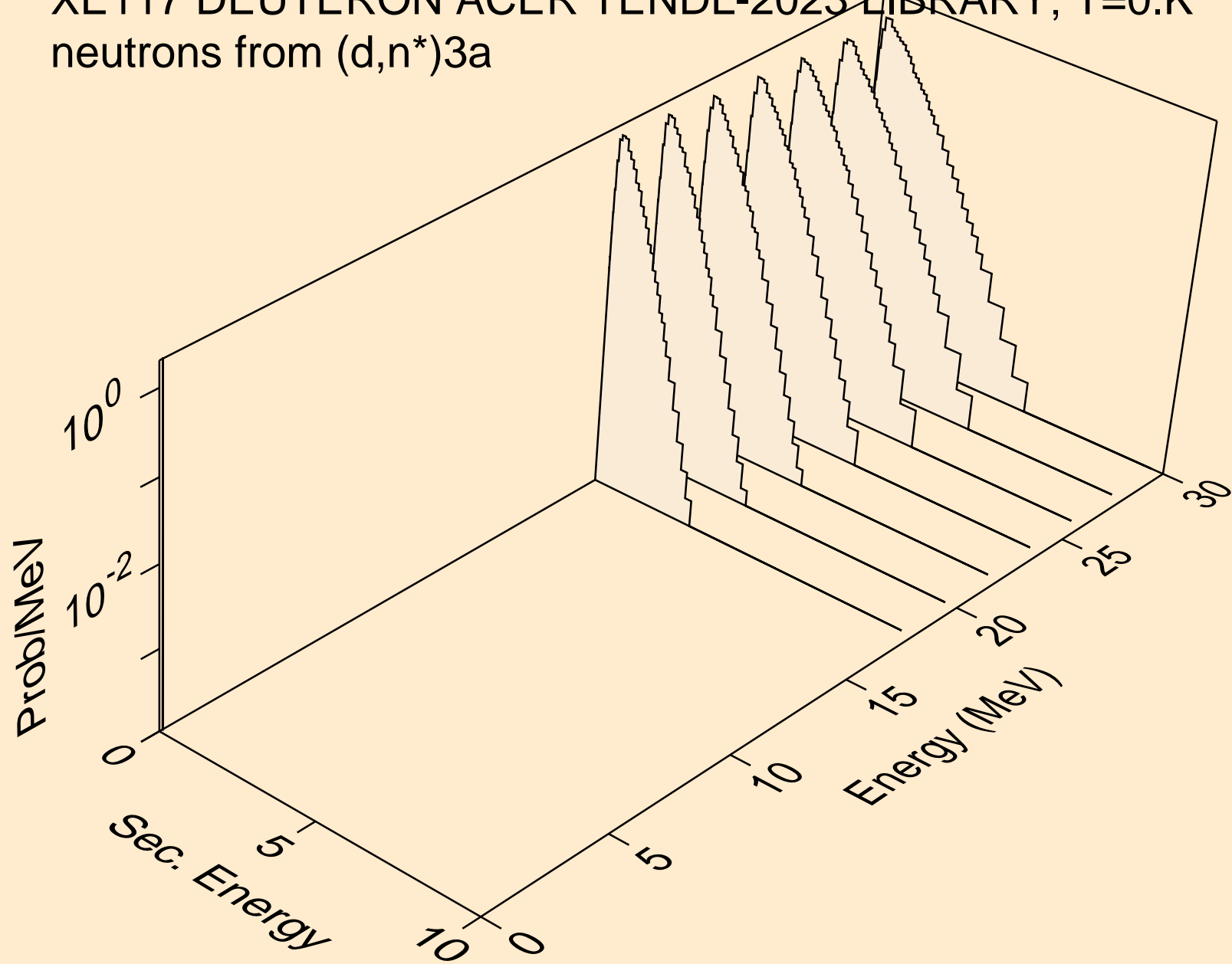
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3n)



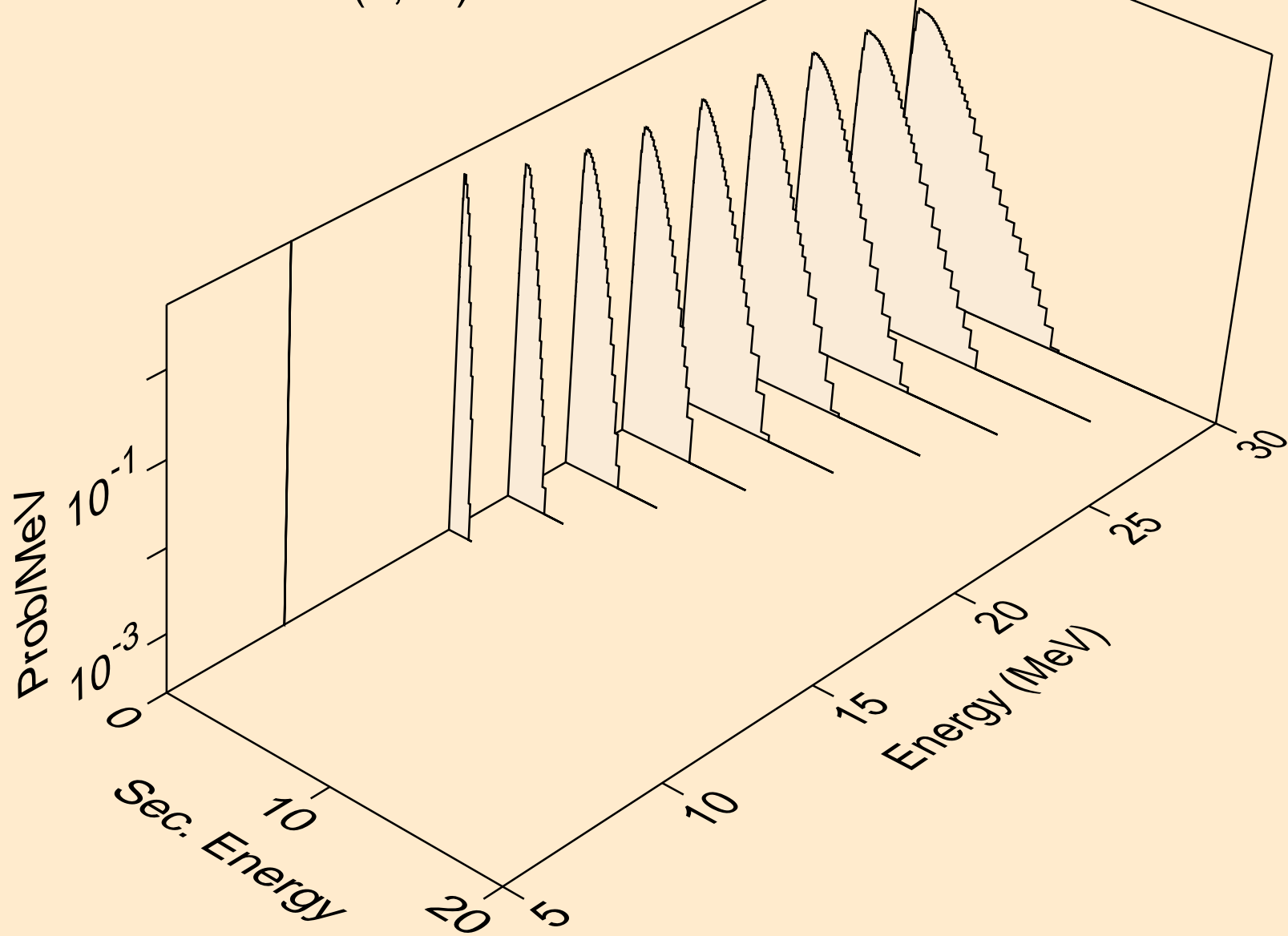
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)a



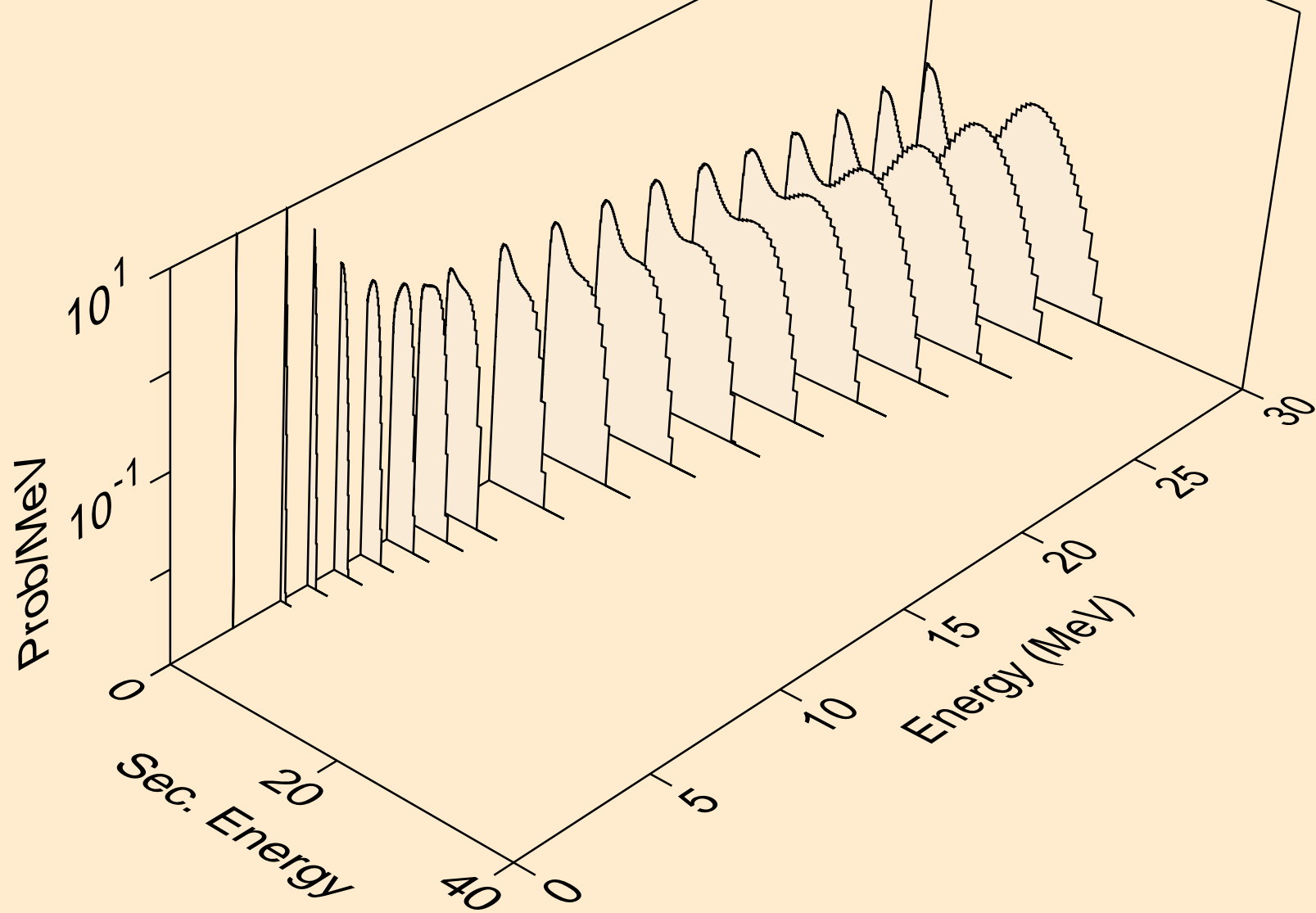
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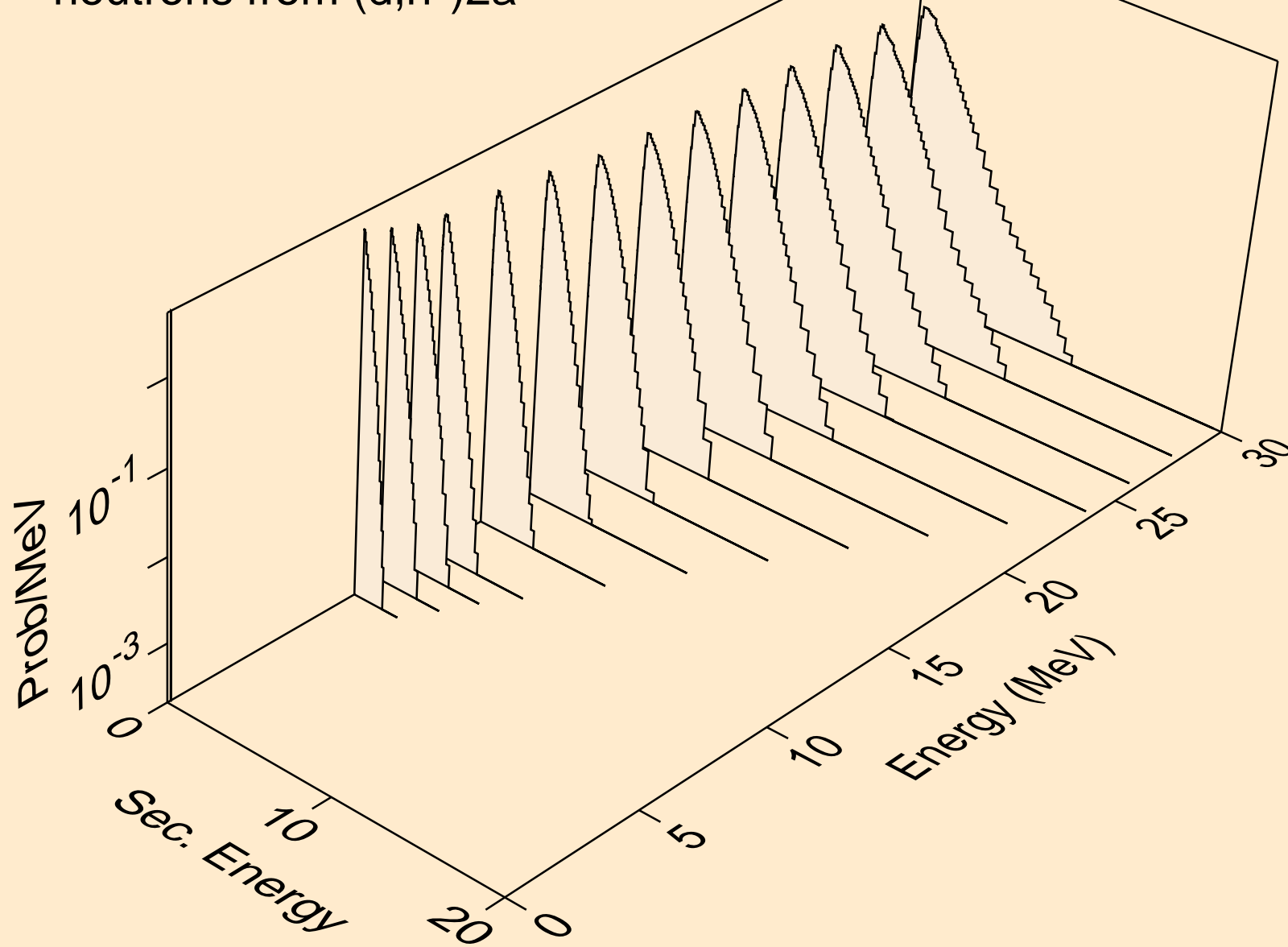
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neutrons from (d,2n)a



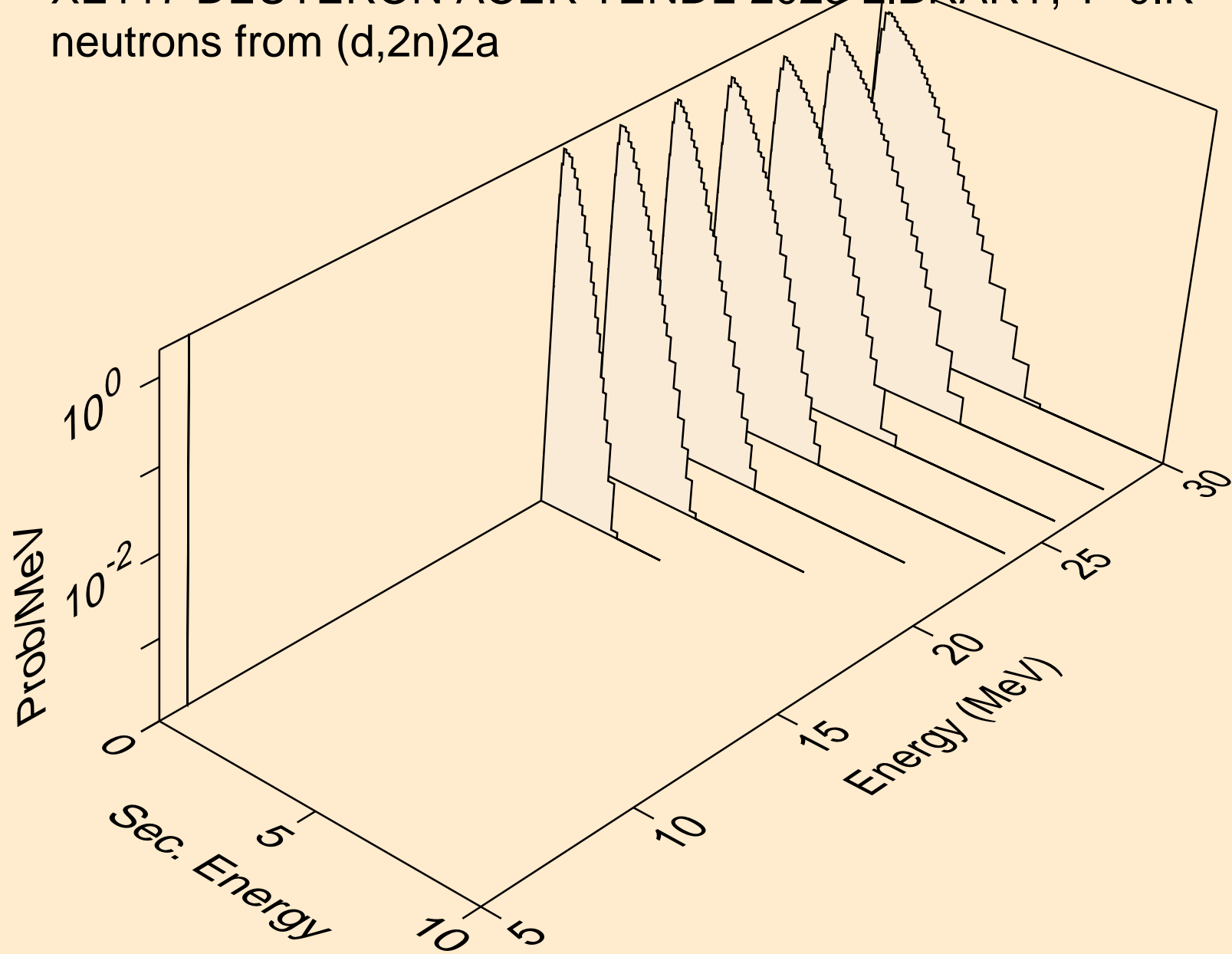
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neutrons from (d,n\*)p



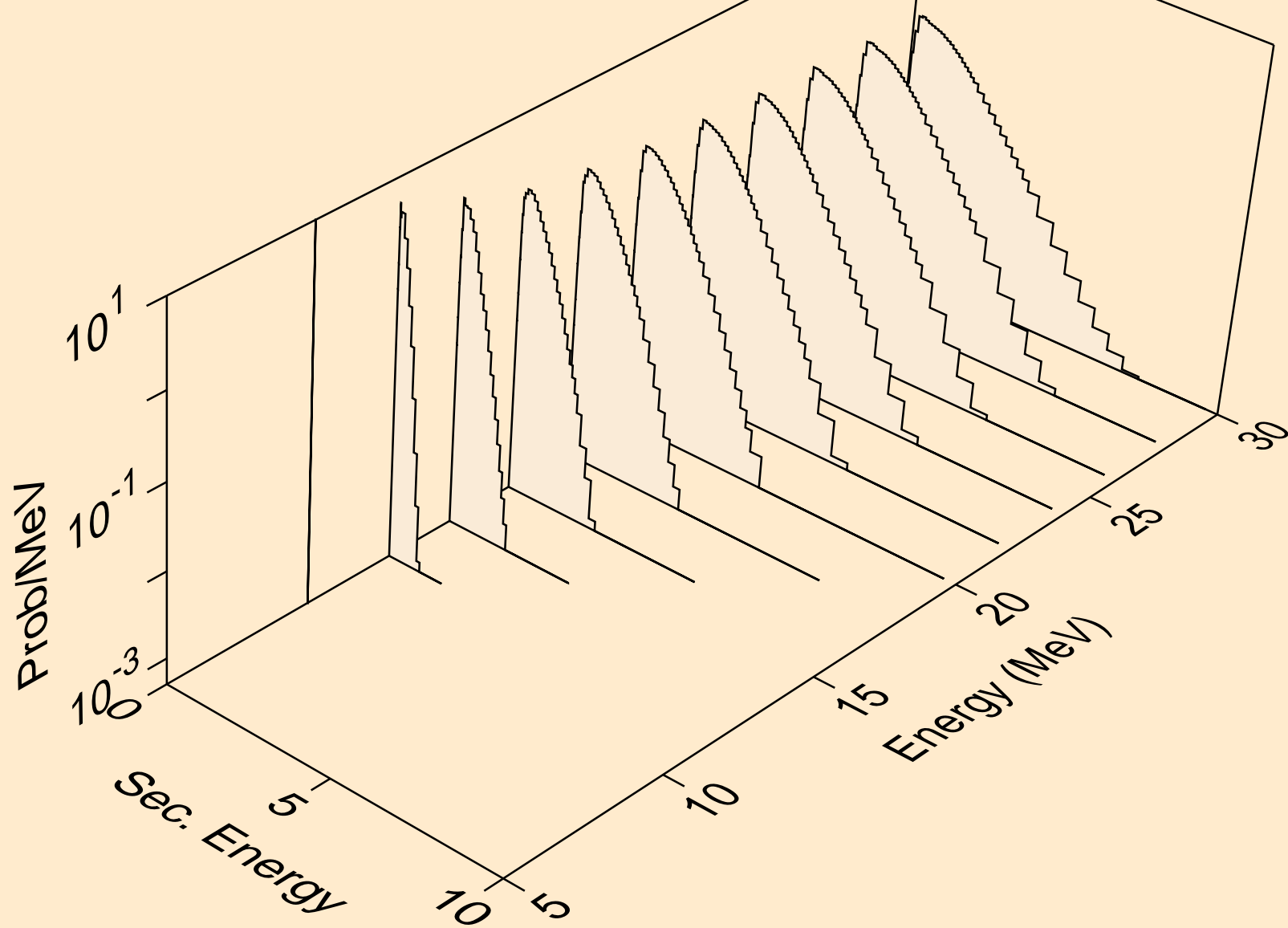
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)2a



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2n)2a

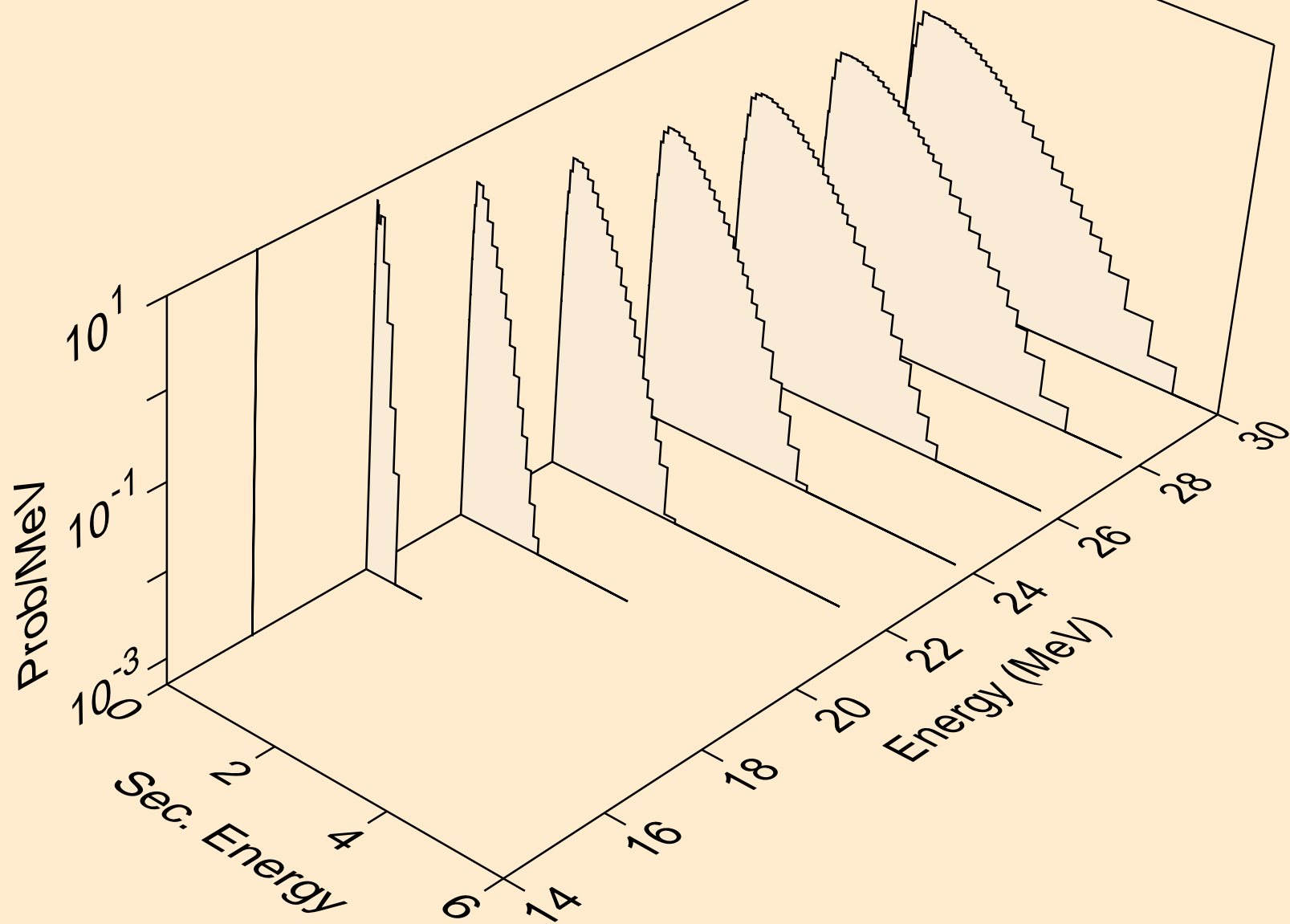


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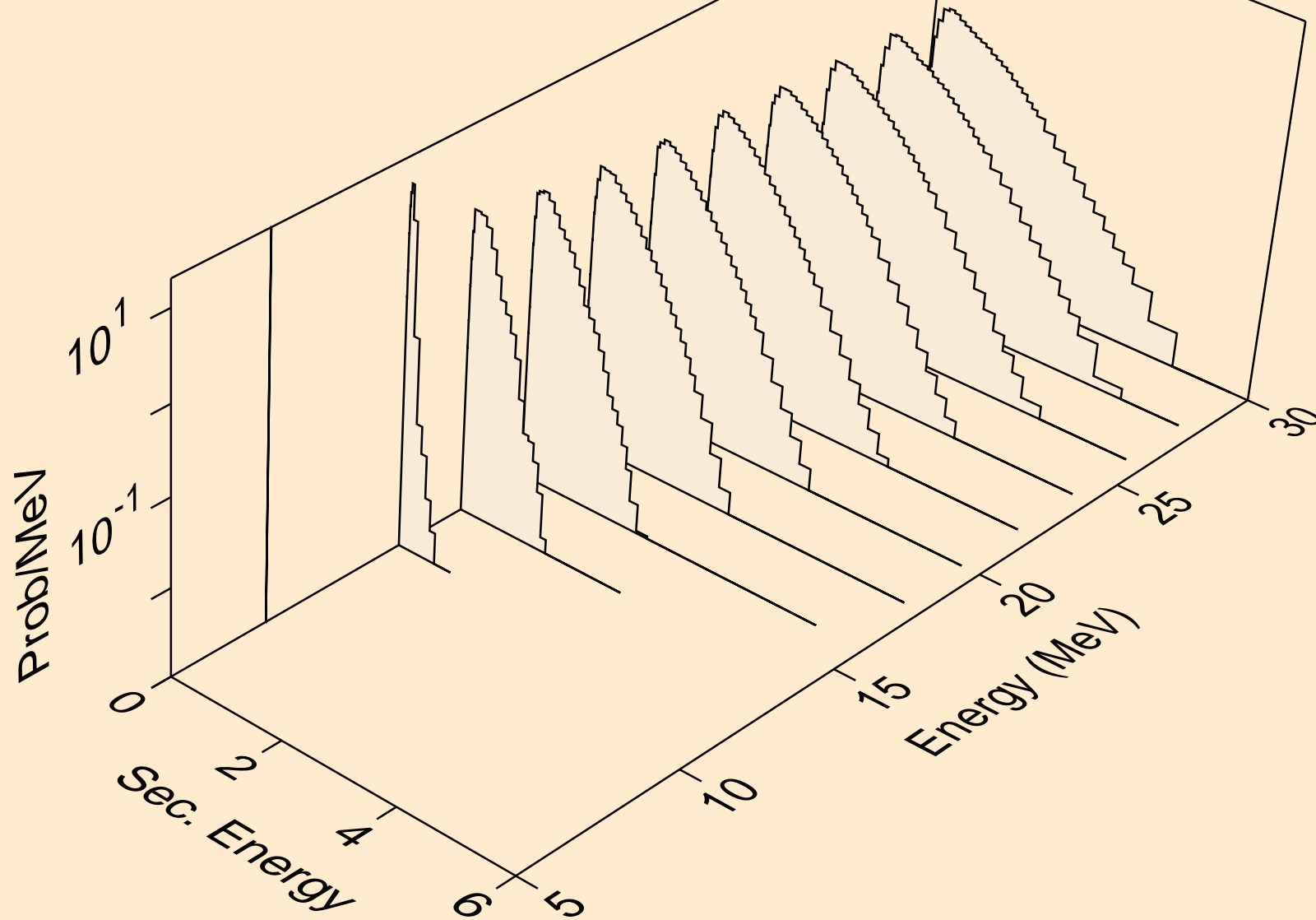




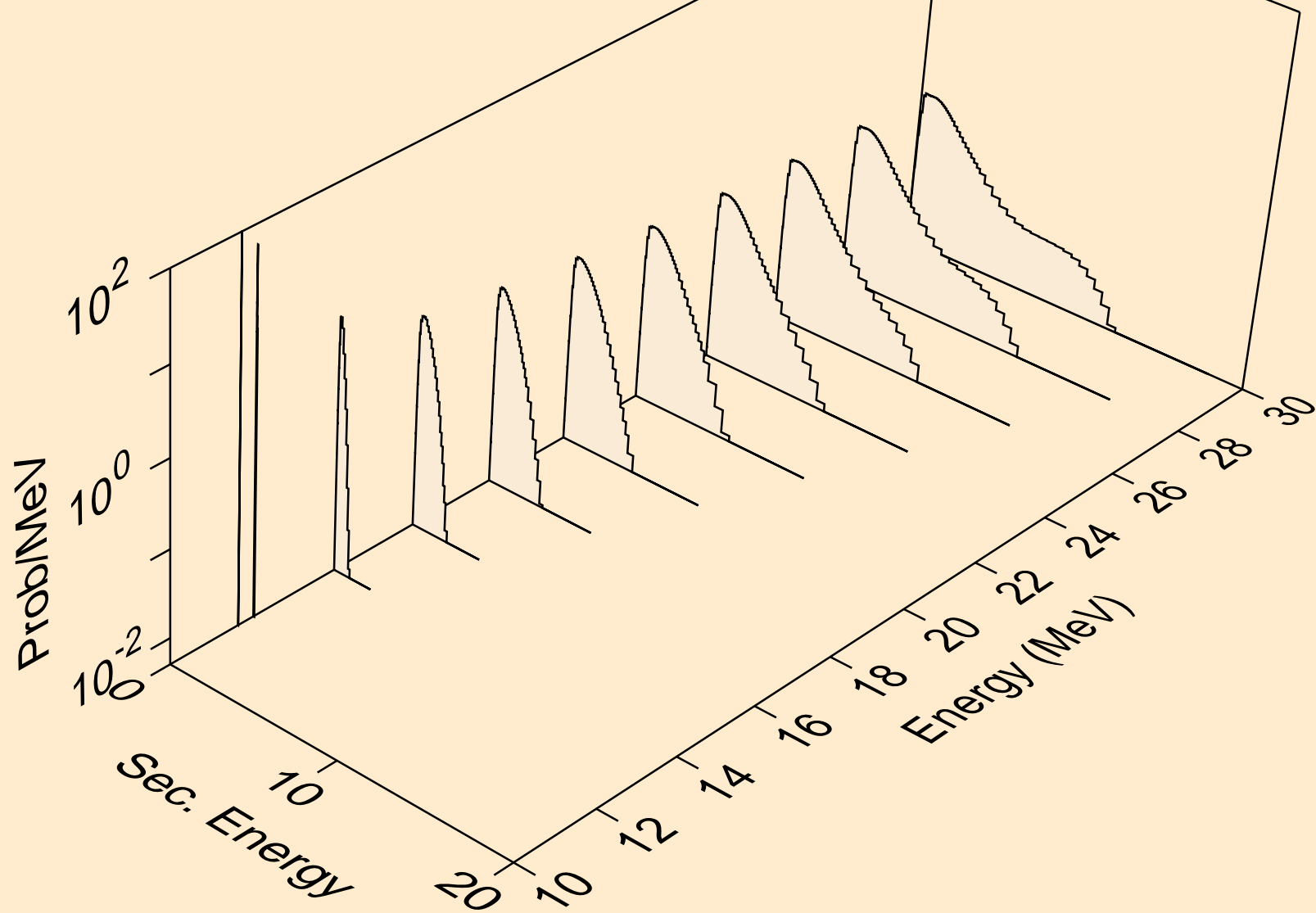
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)t



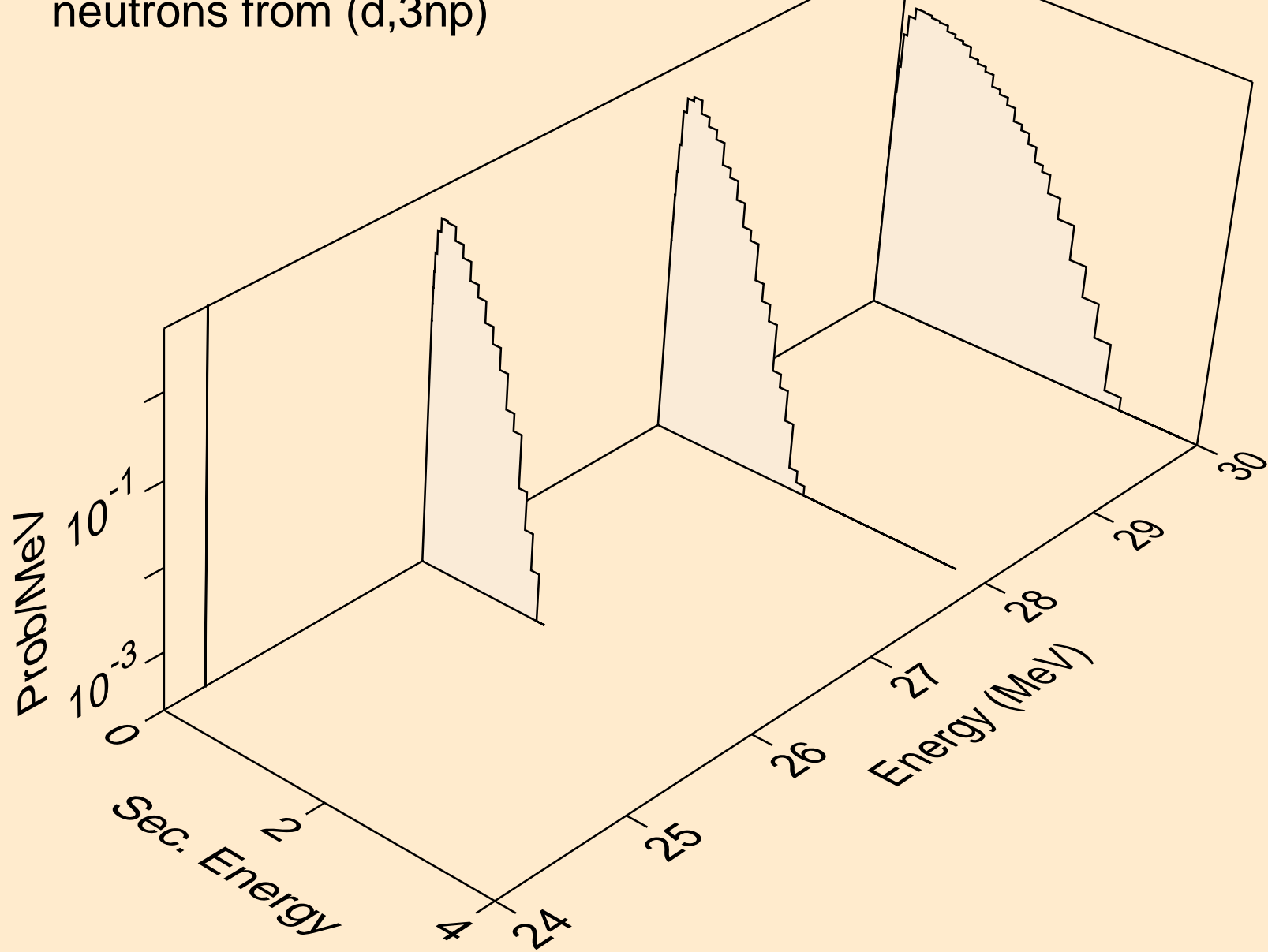
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)he3



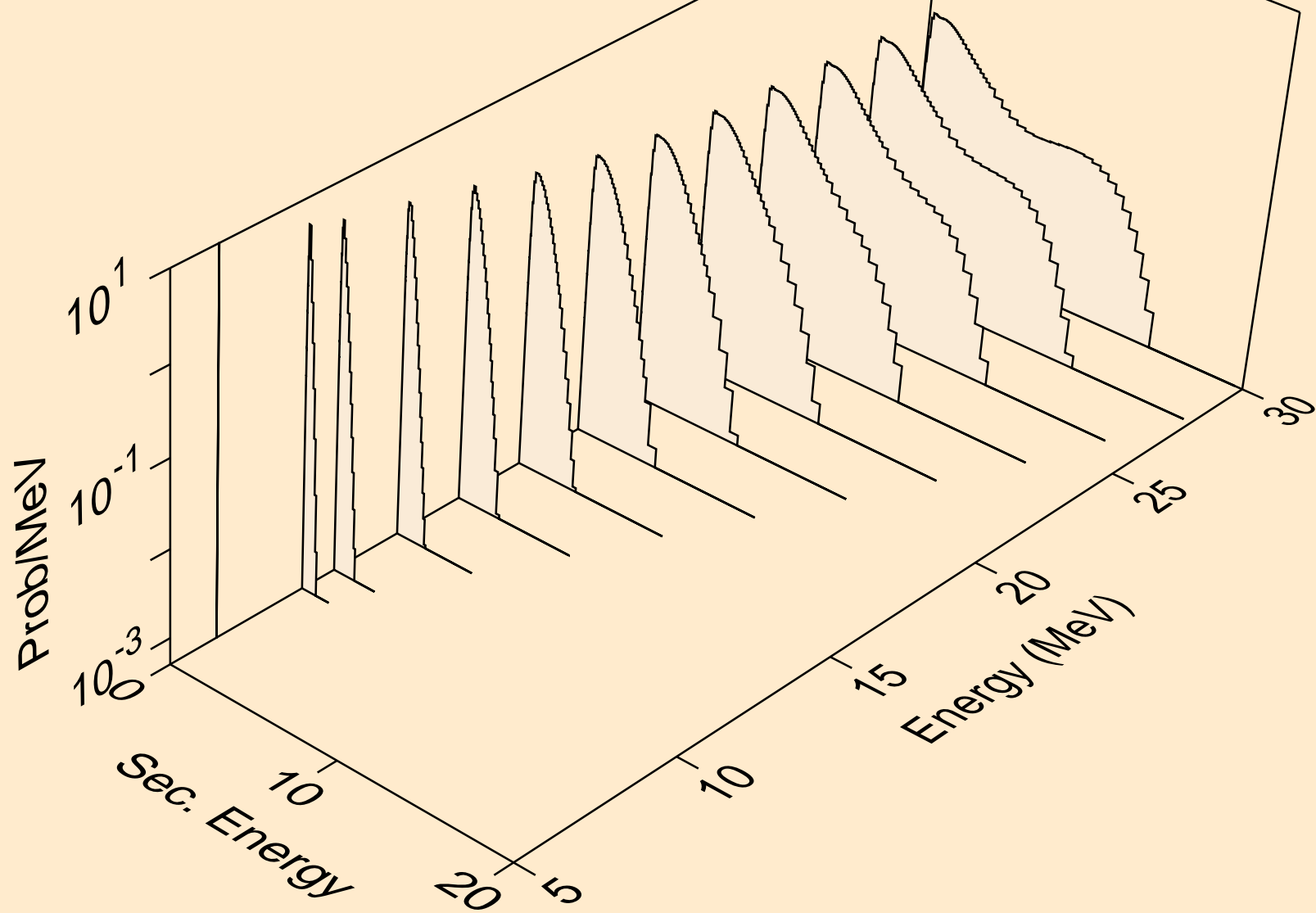
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2np)



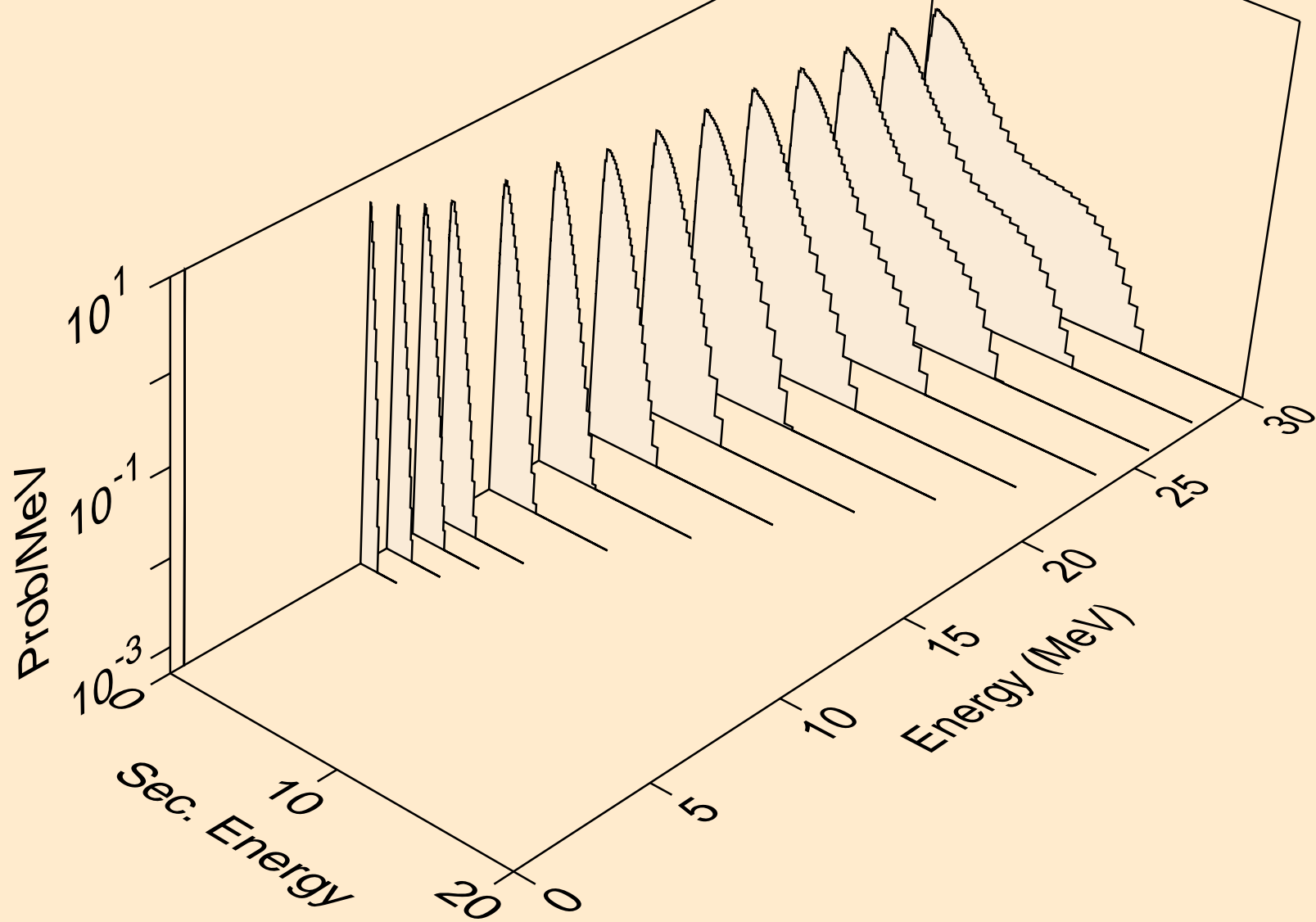
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3np)



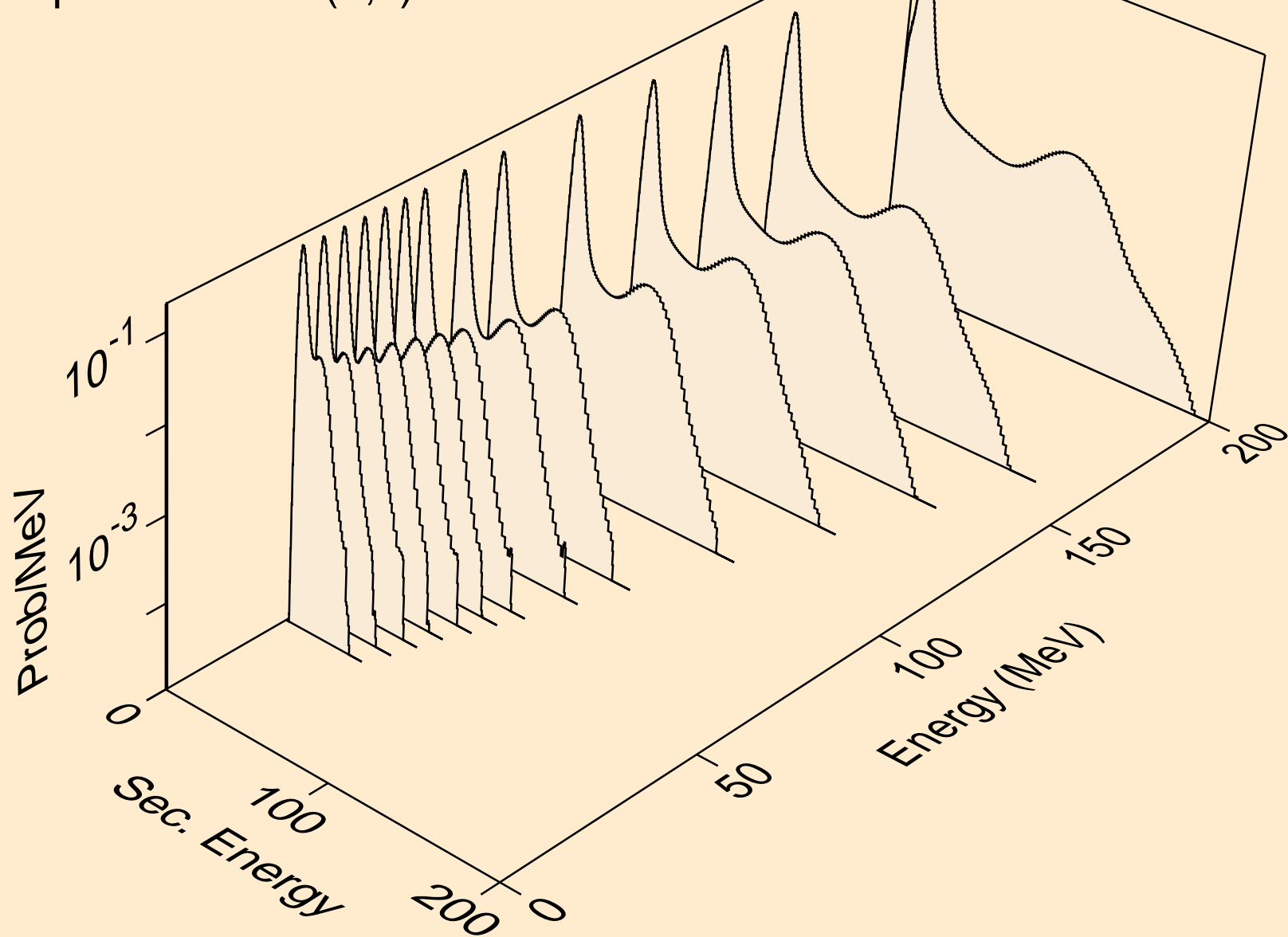
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n2p)



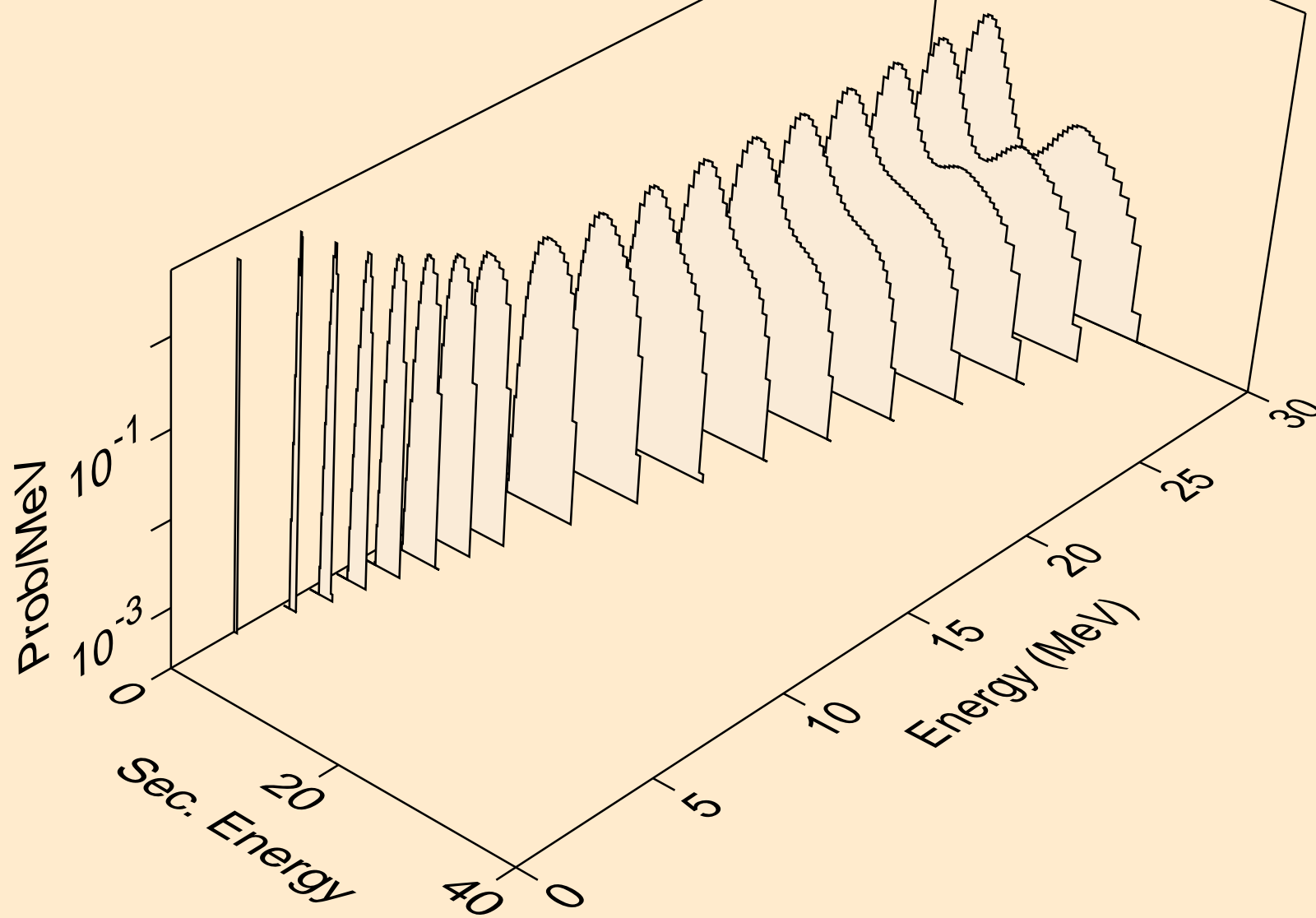
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,npa)



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,x)

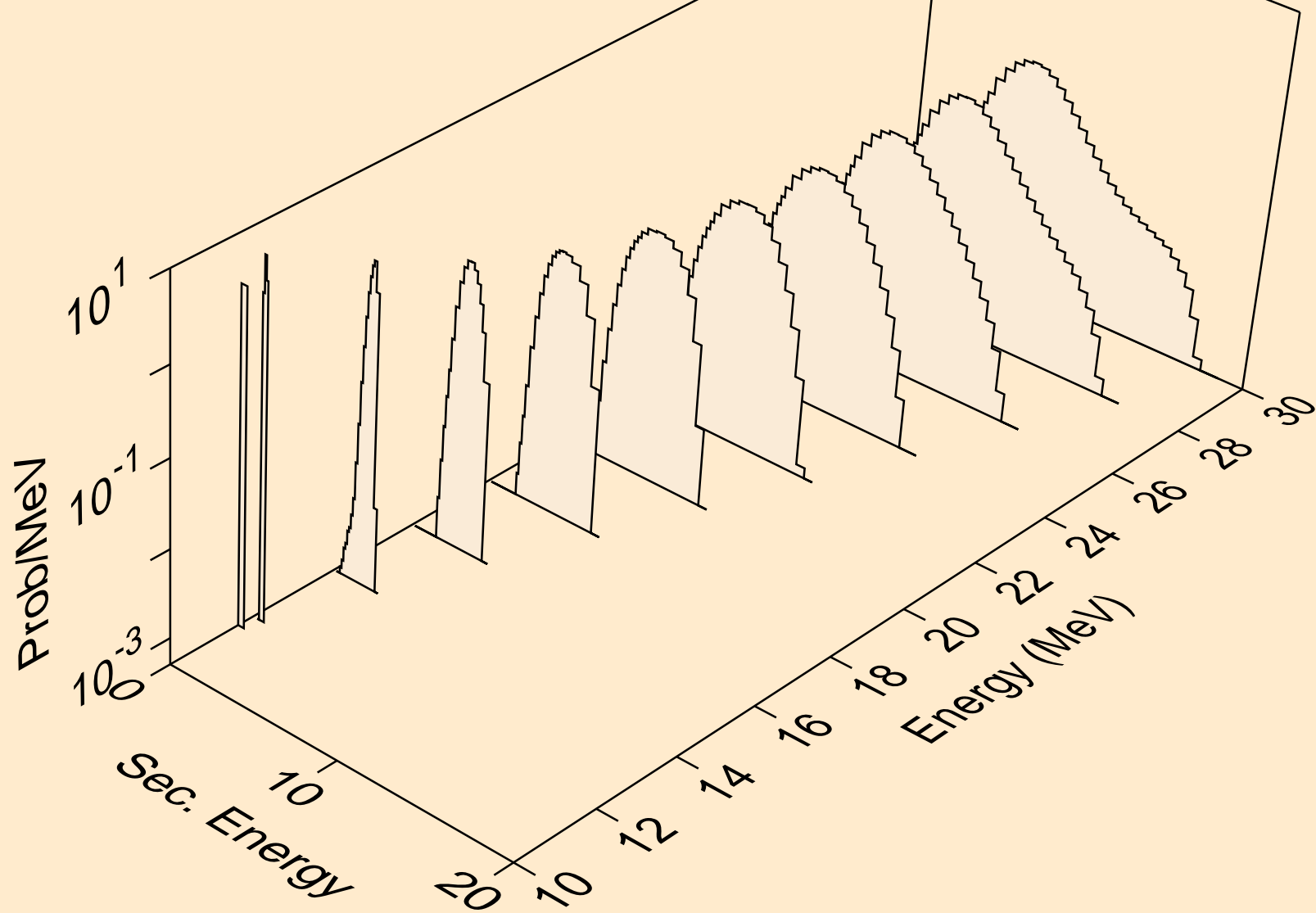


XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n\*)p

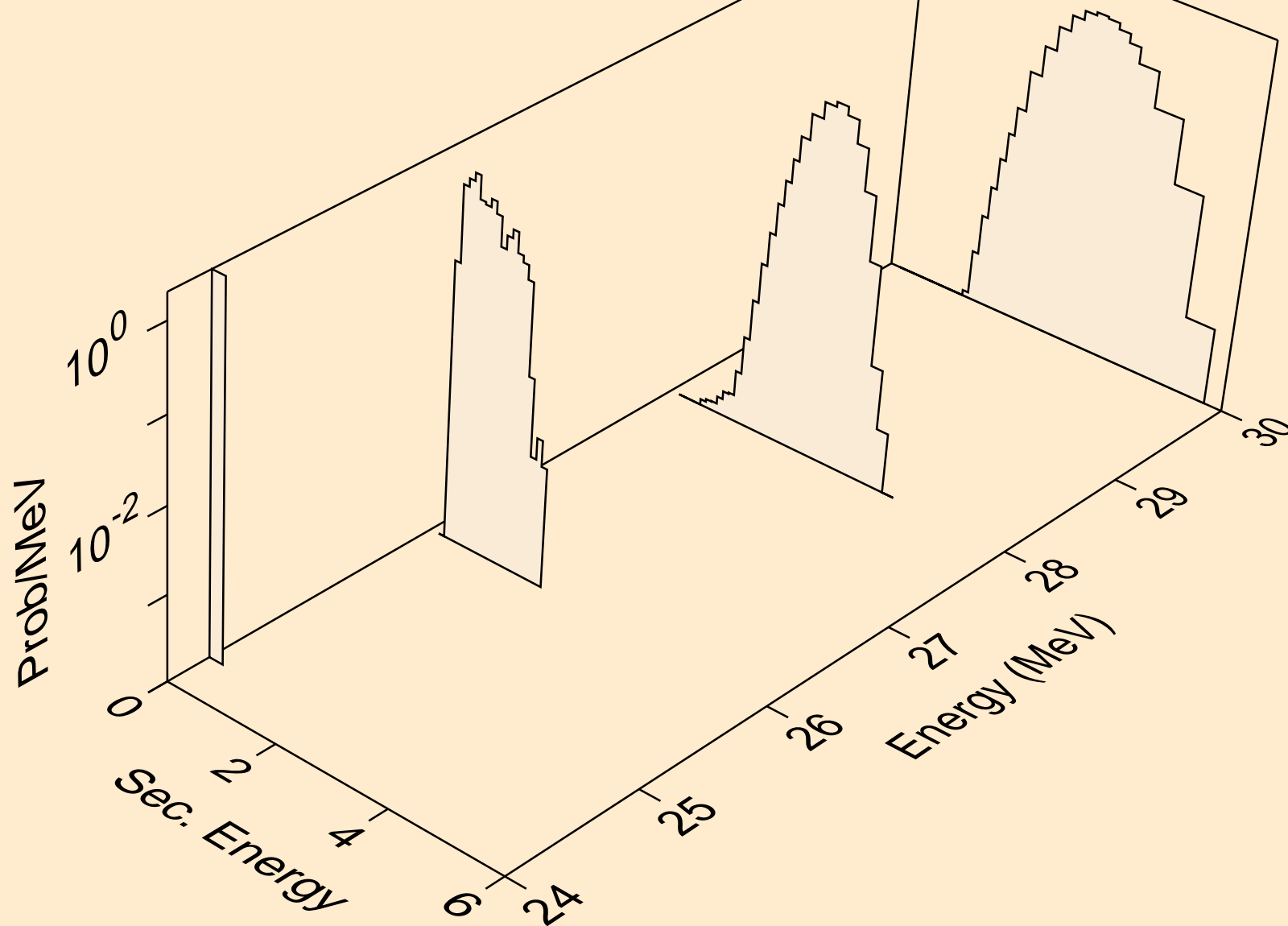




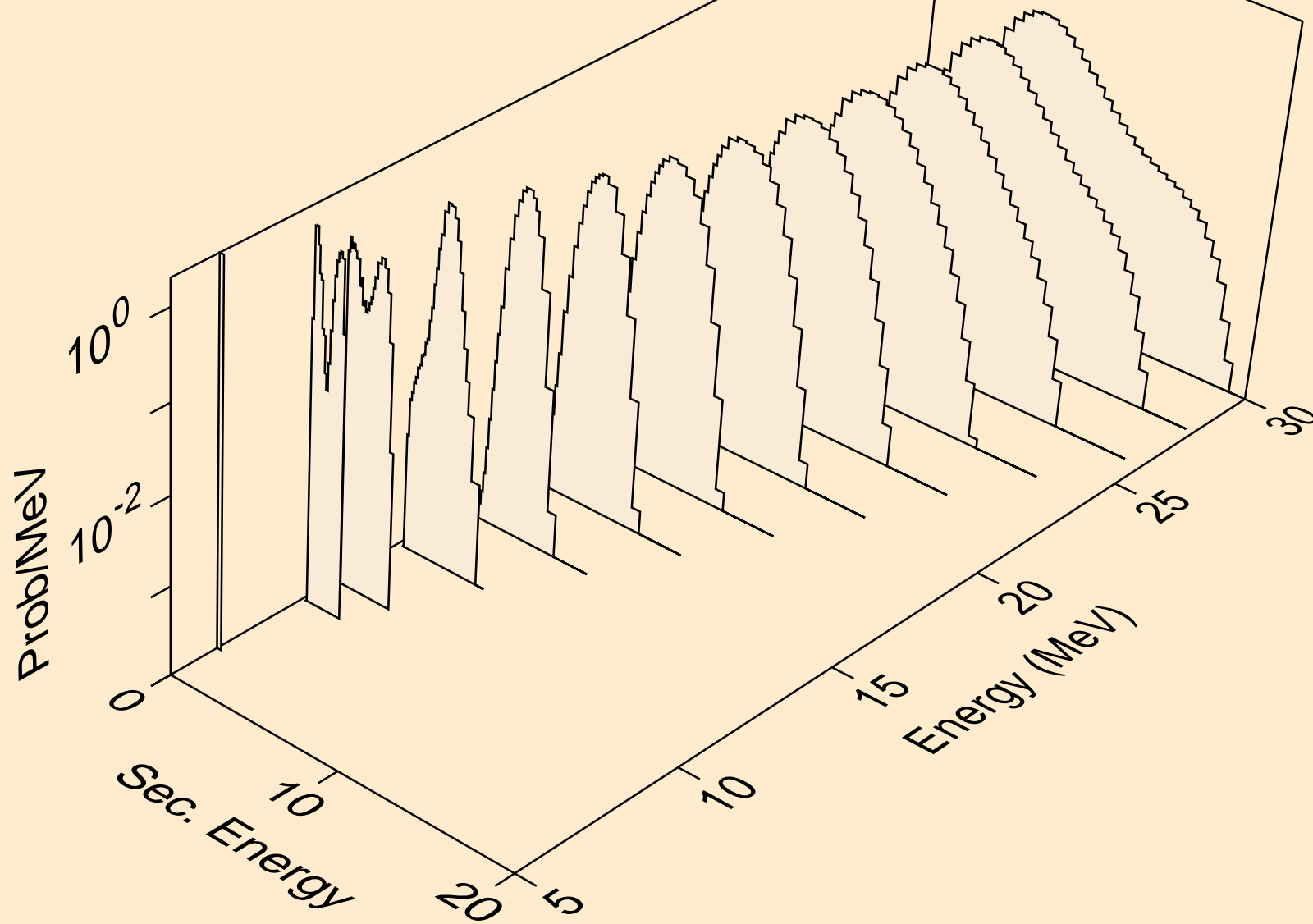
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protons from (d,2np)



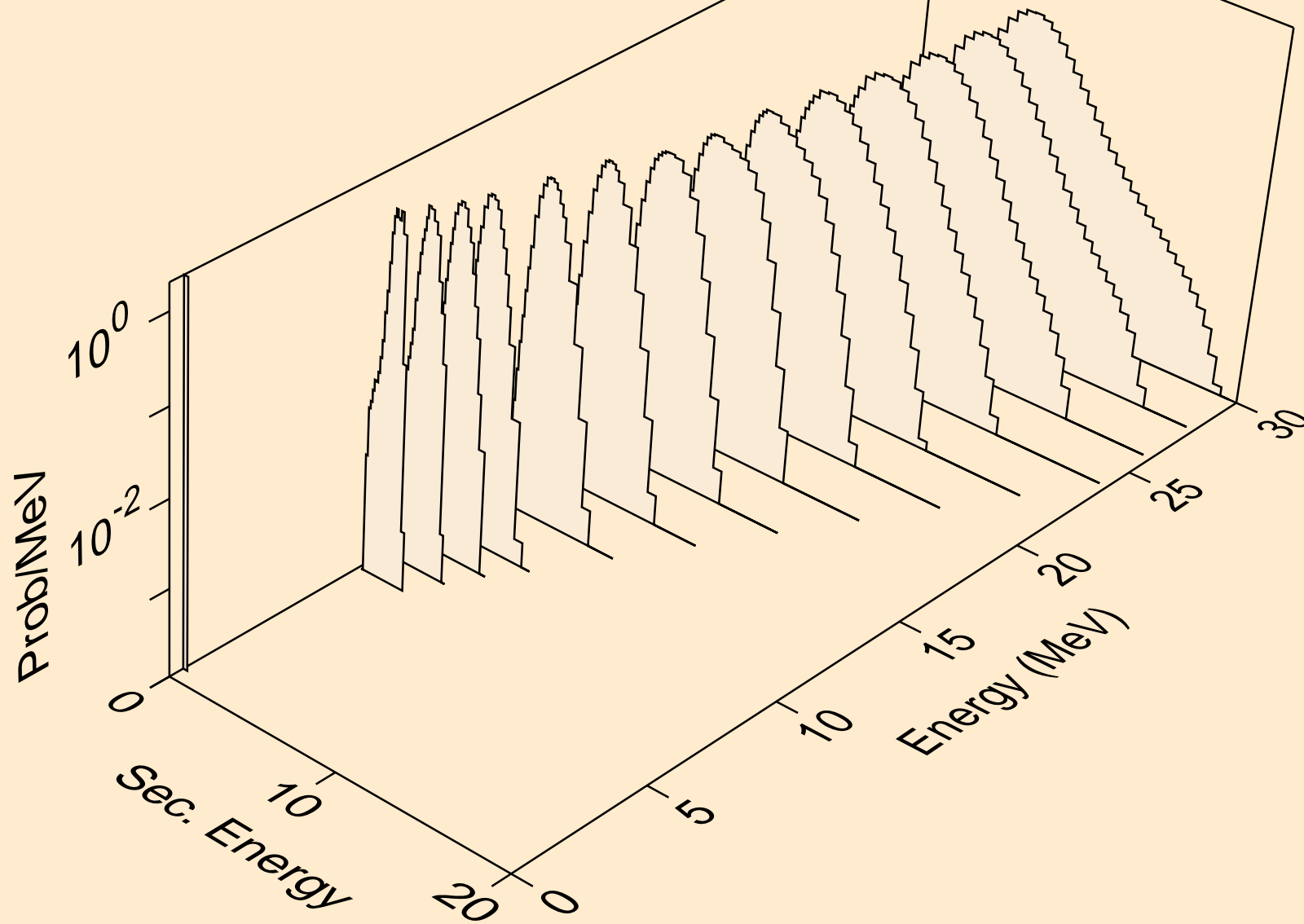
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protons from (d,3np)



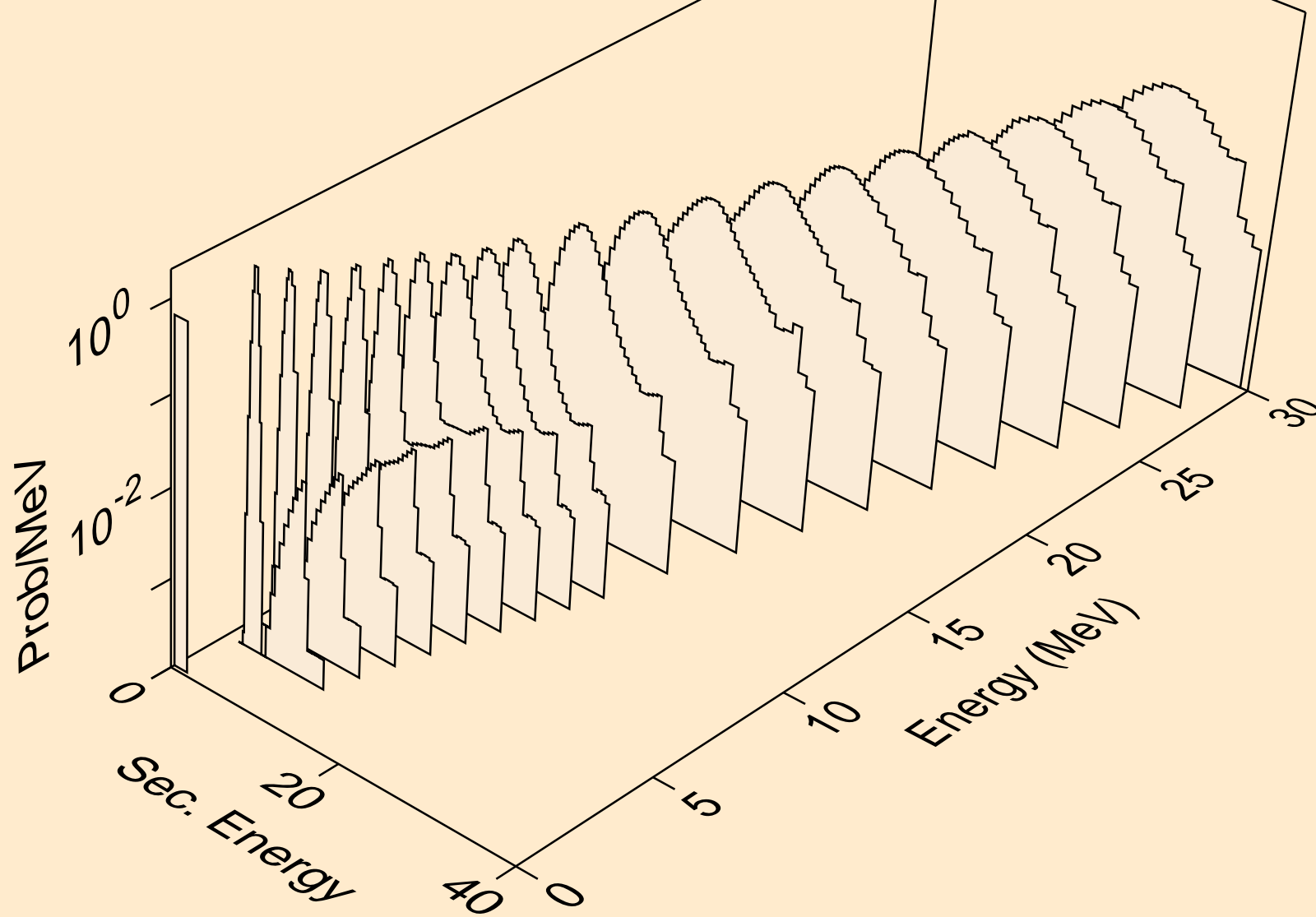
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protons from (d,n2p)



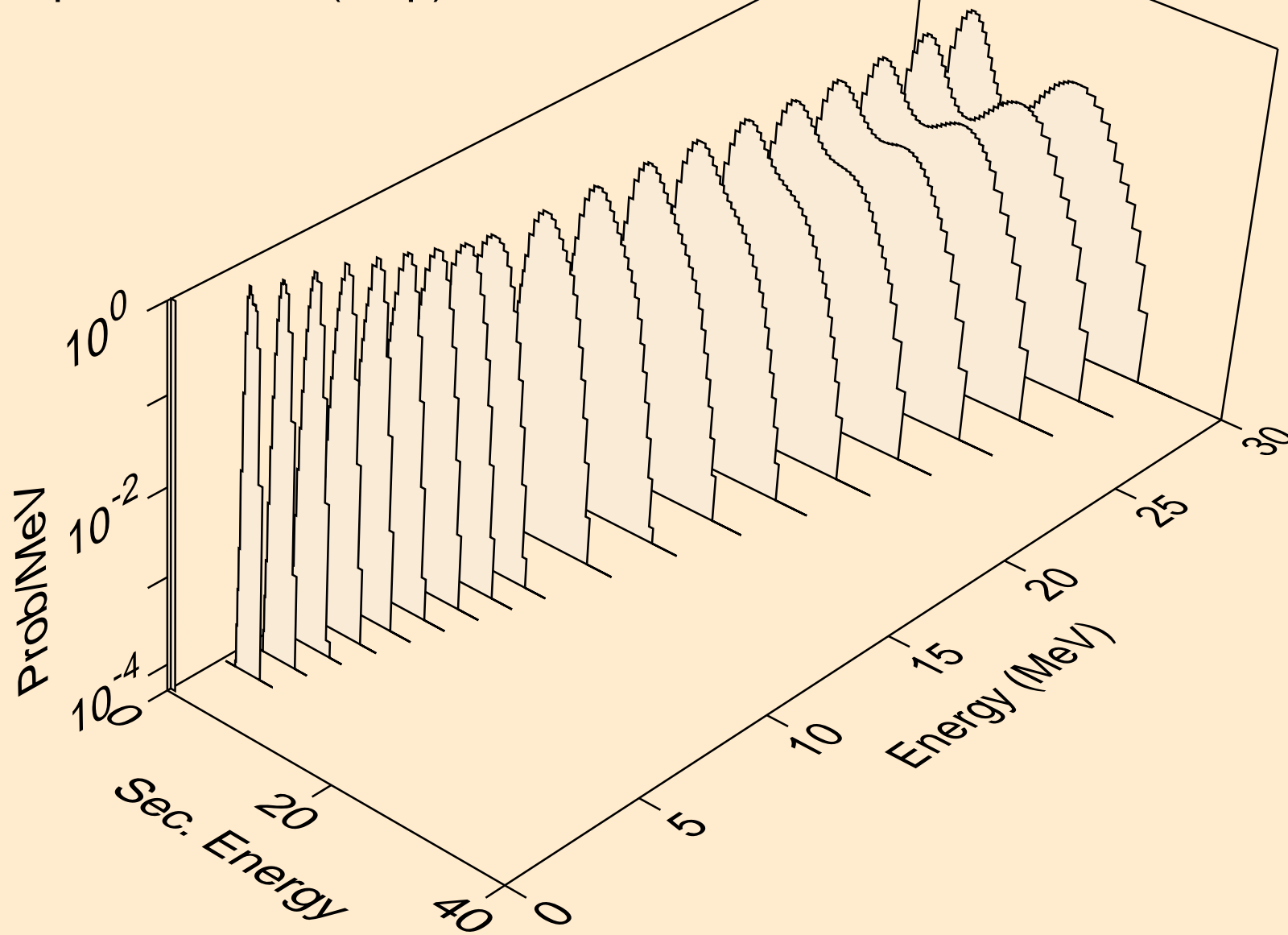
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protons from (d,npa)



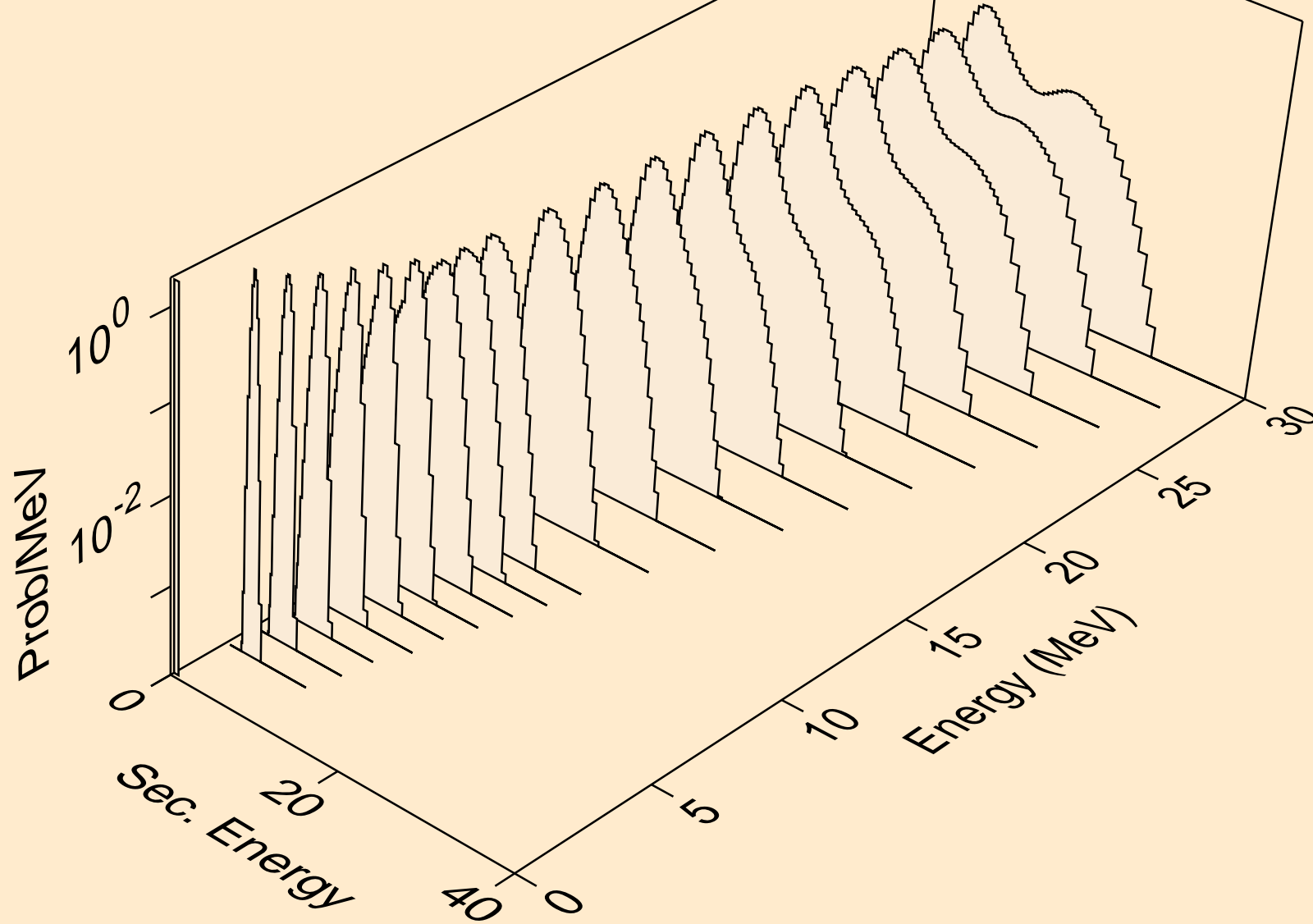
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protons from (d,p)



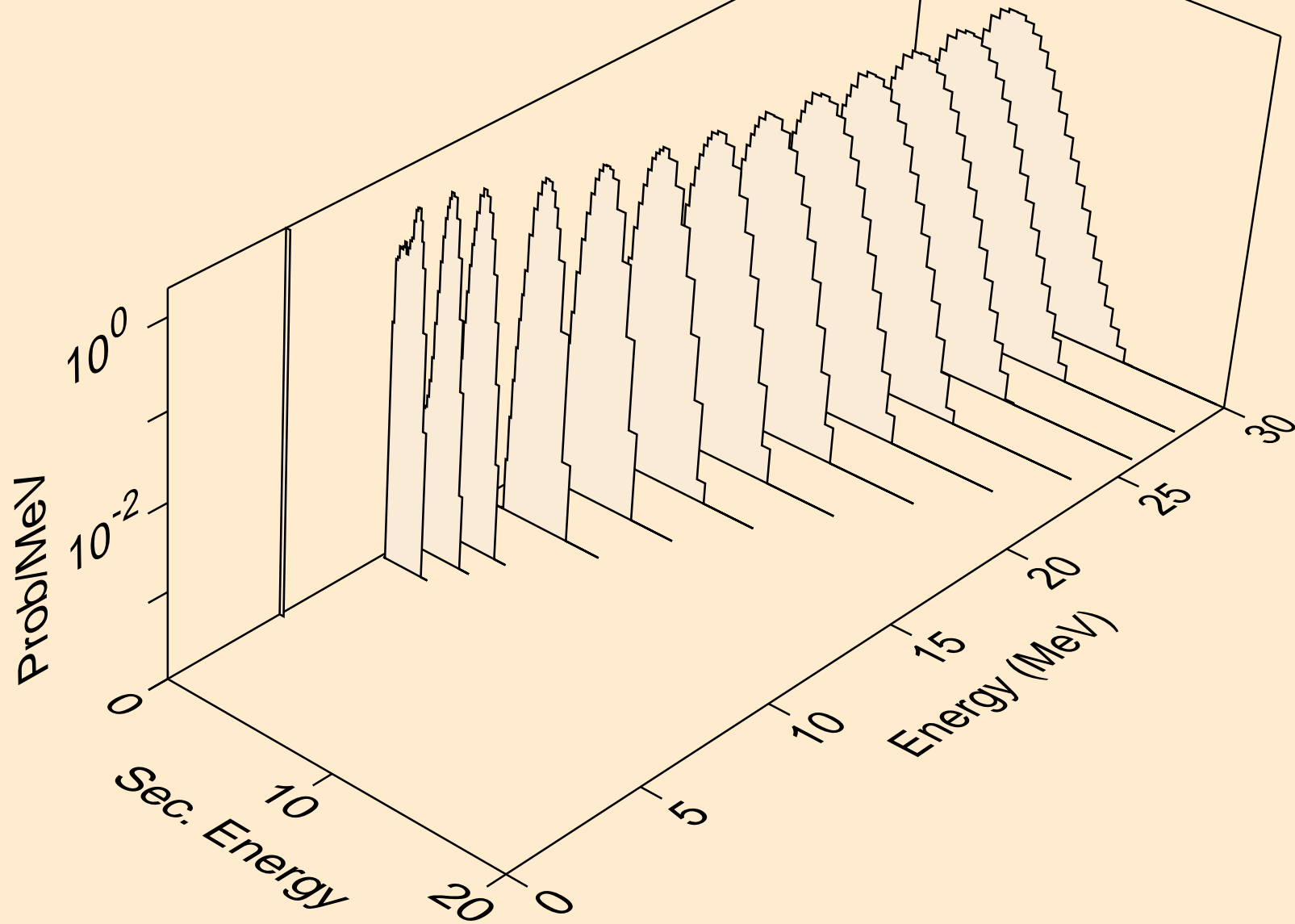
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,2p)



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pa)

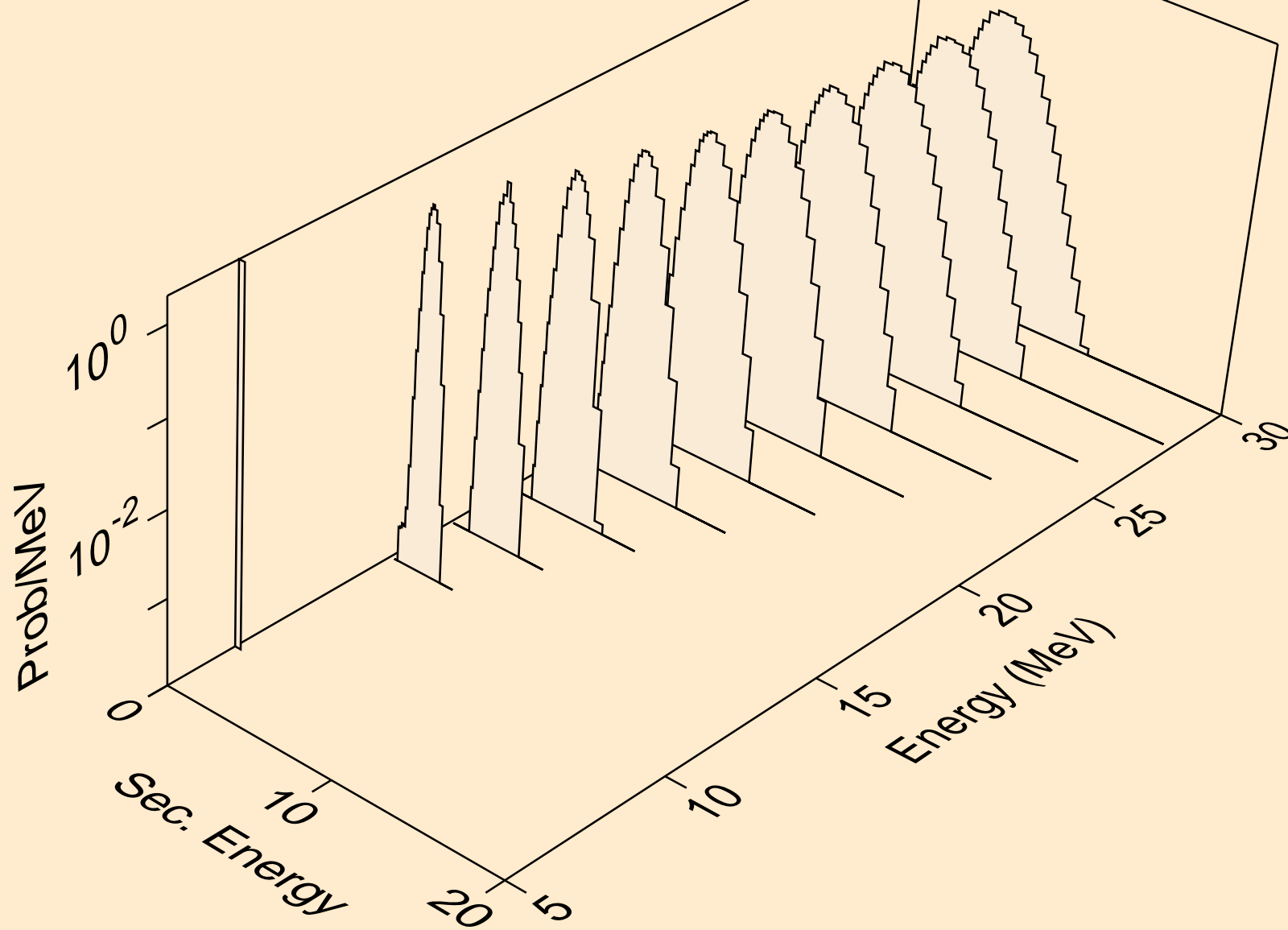


XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pd)

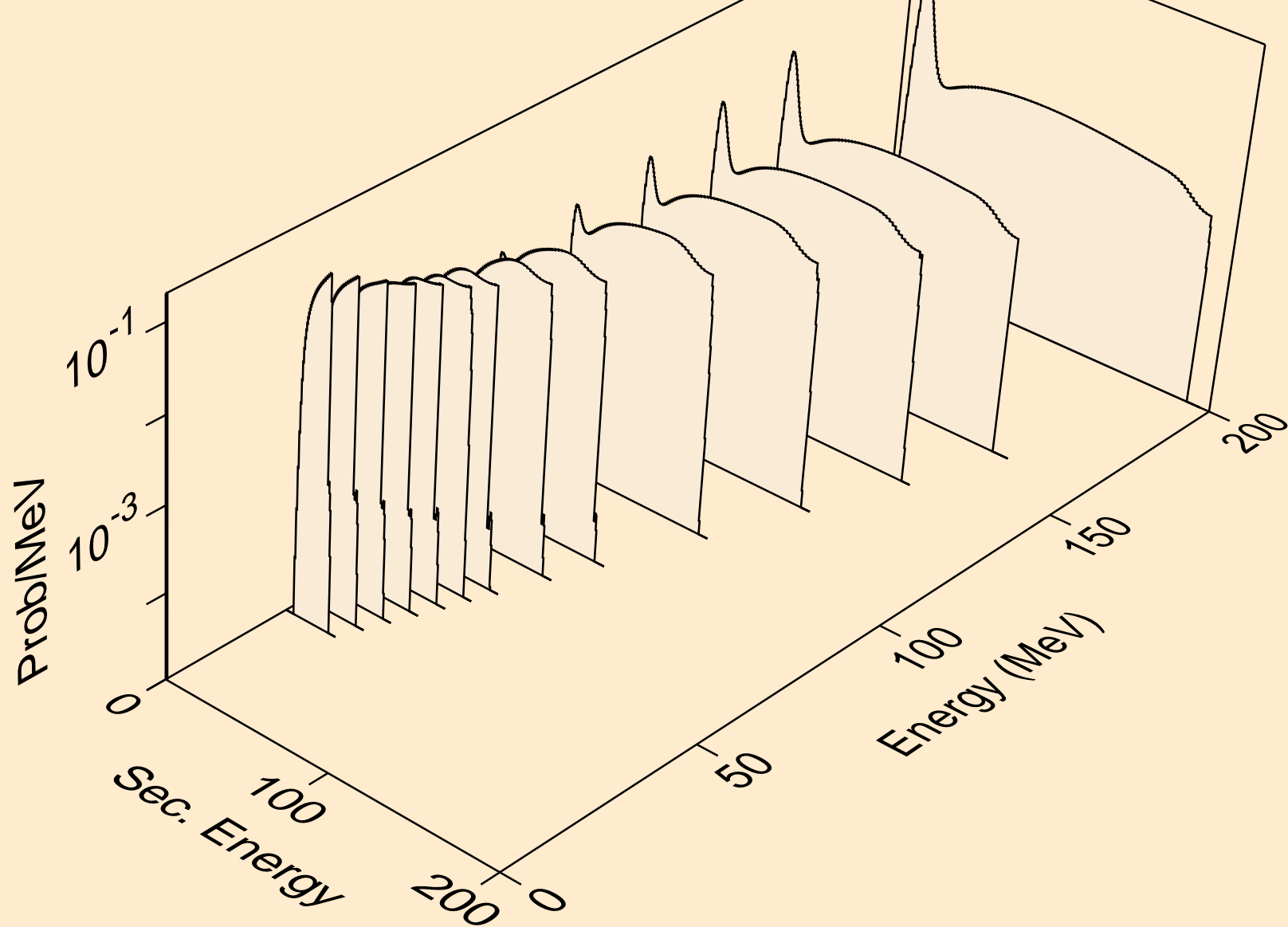




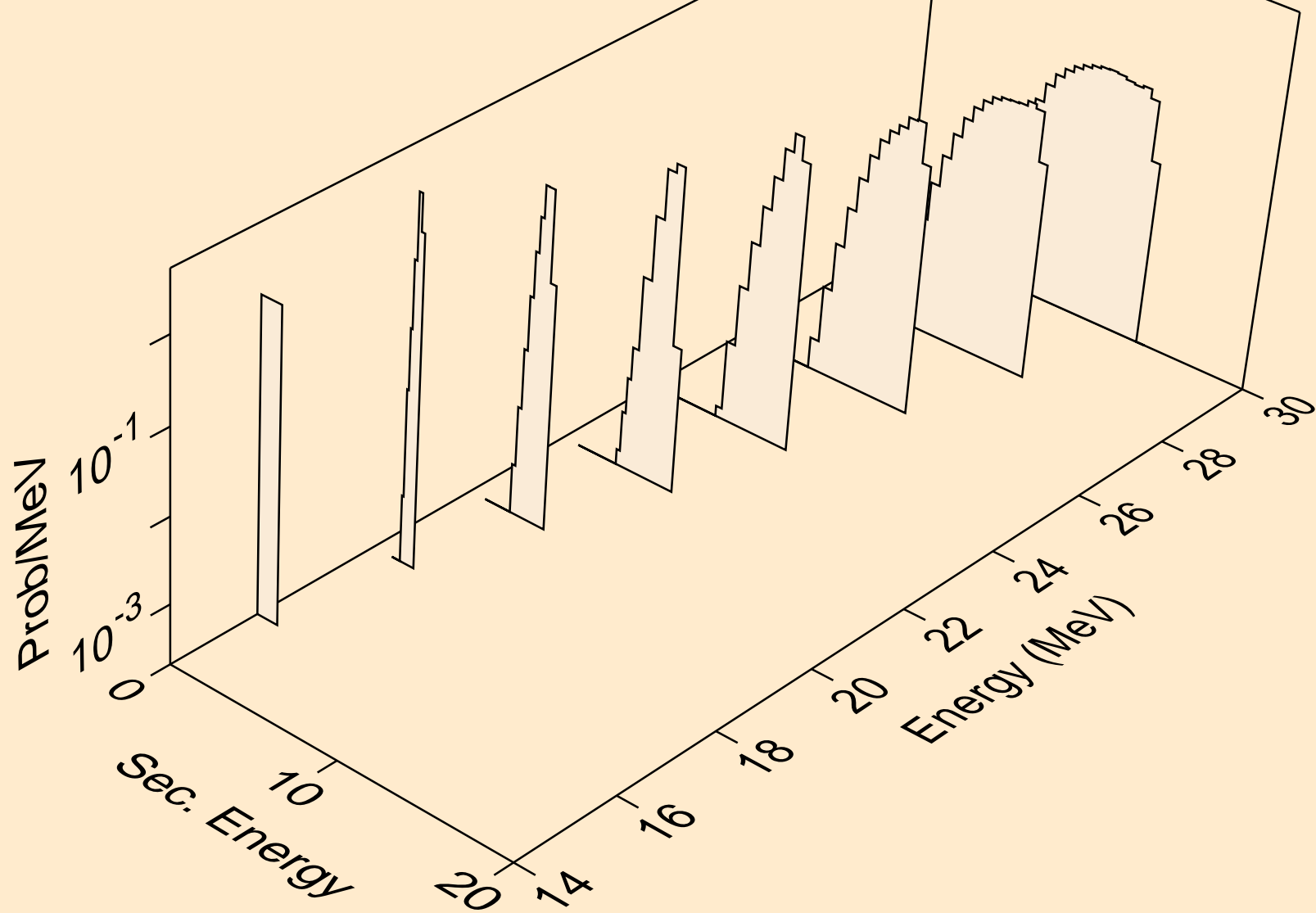
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pt)



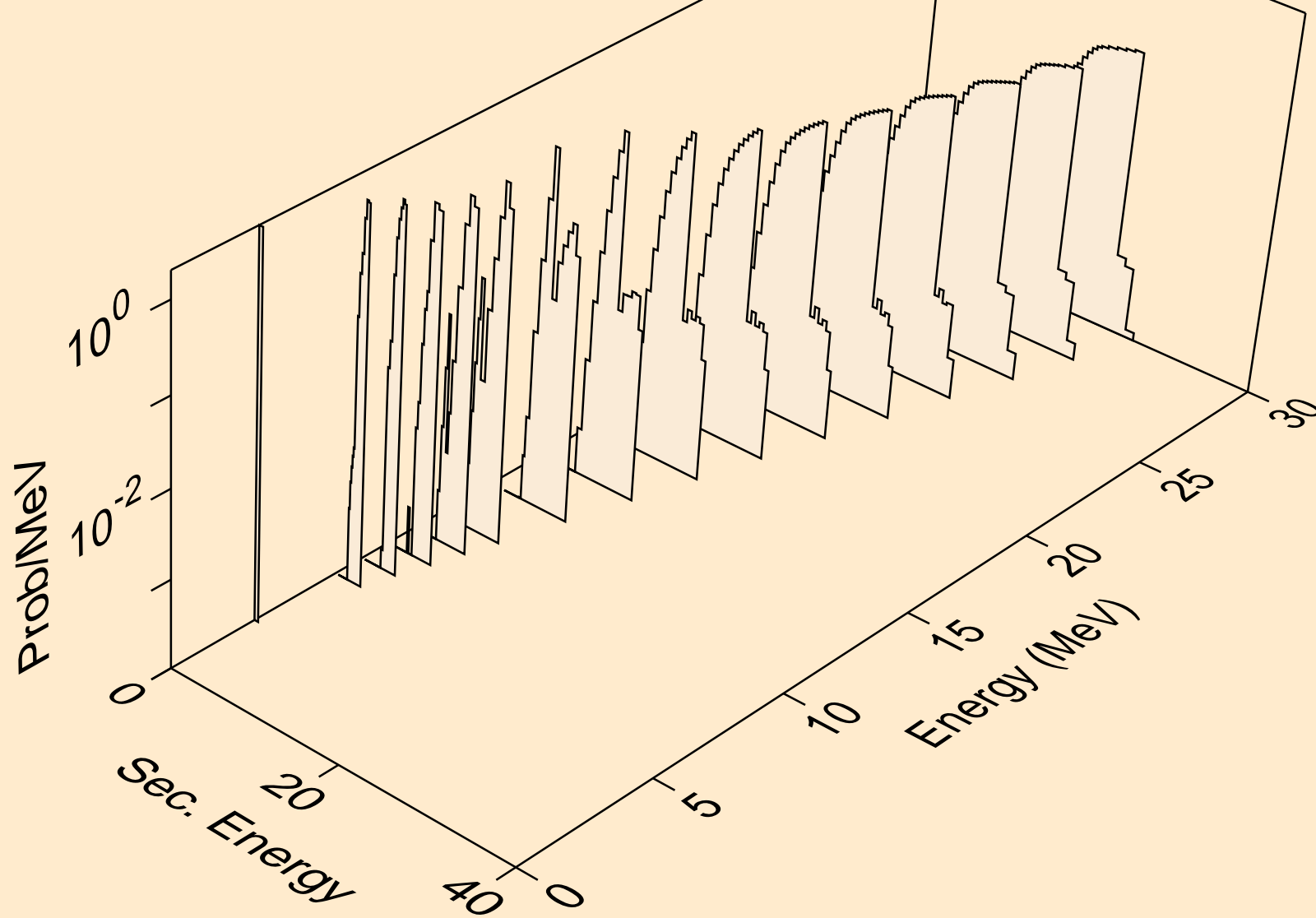
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,x)



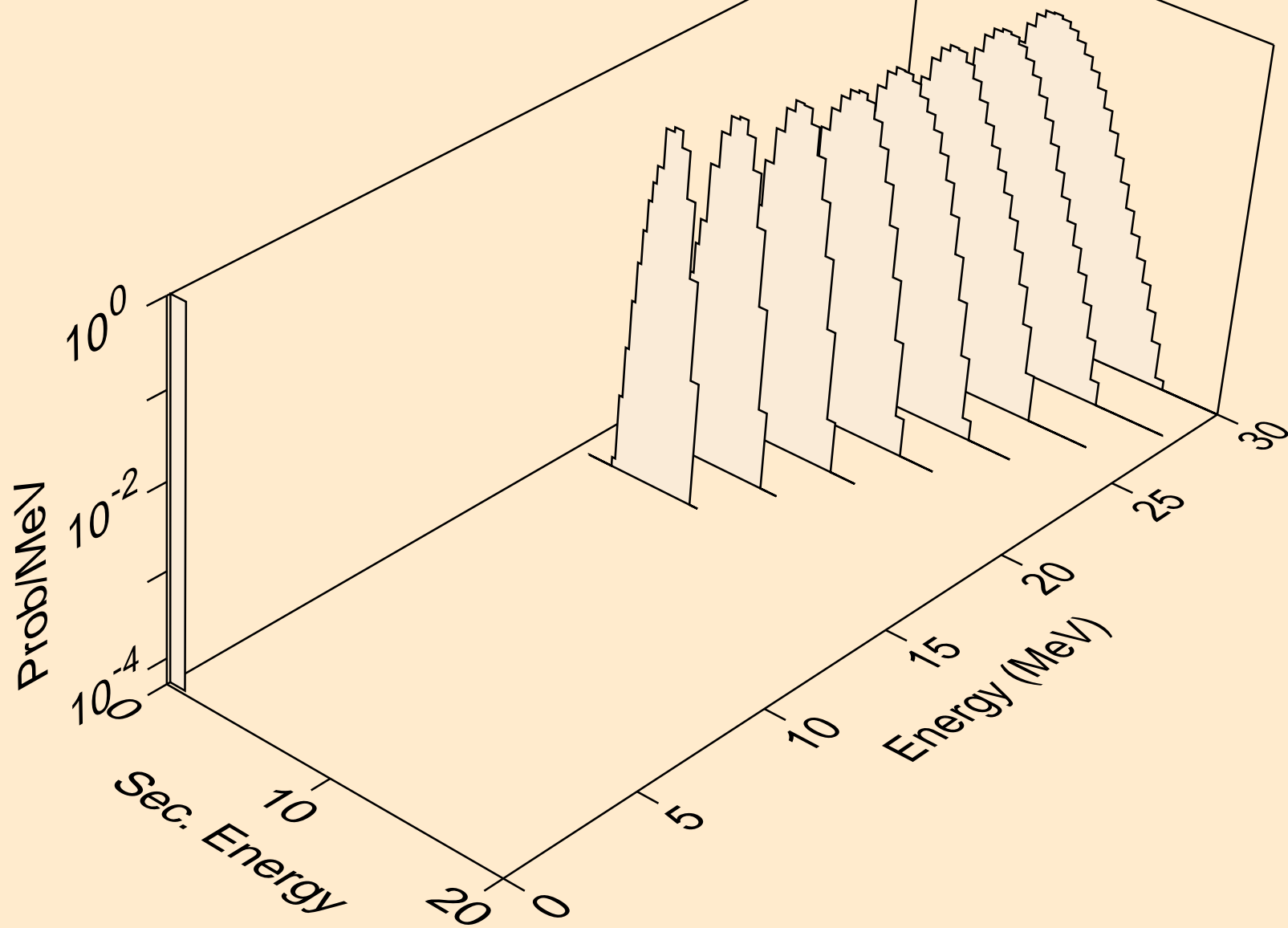
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,n\*)t



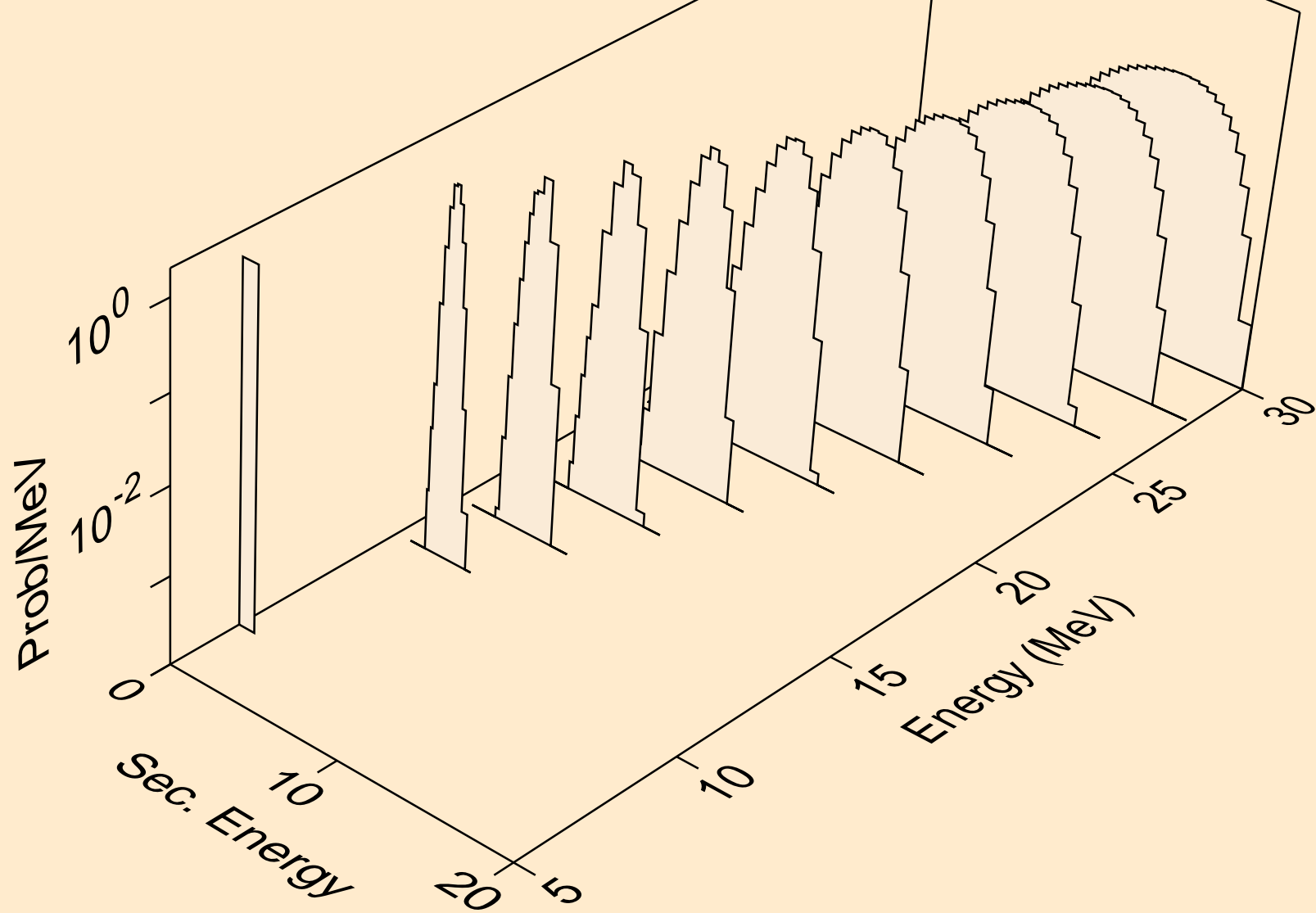
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,t)



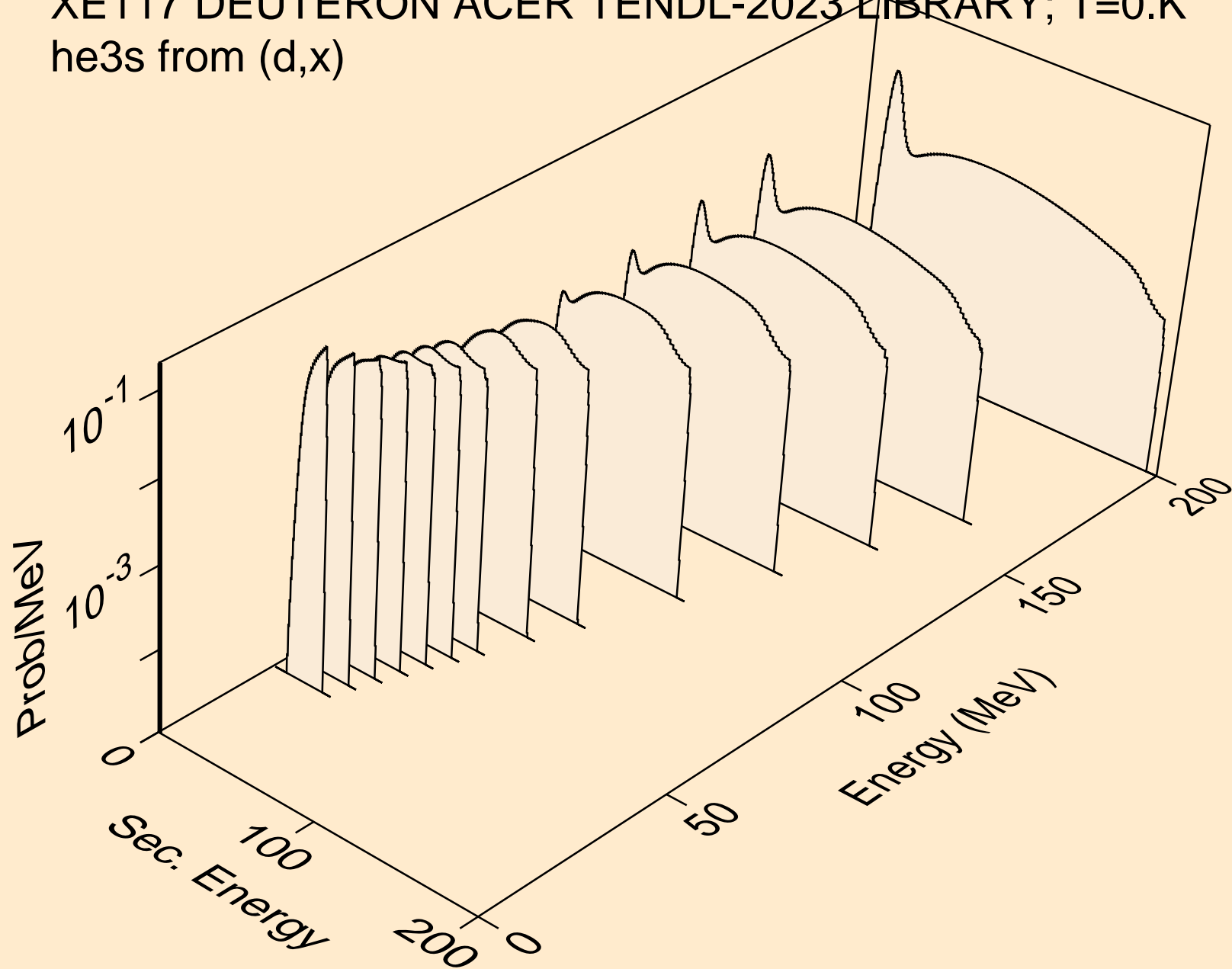
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,t2a)



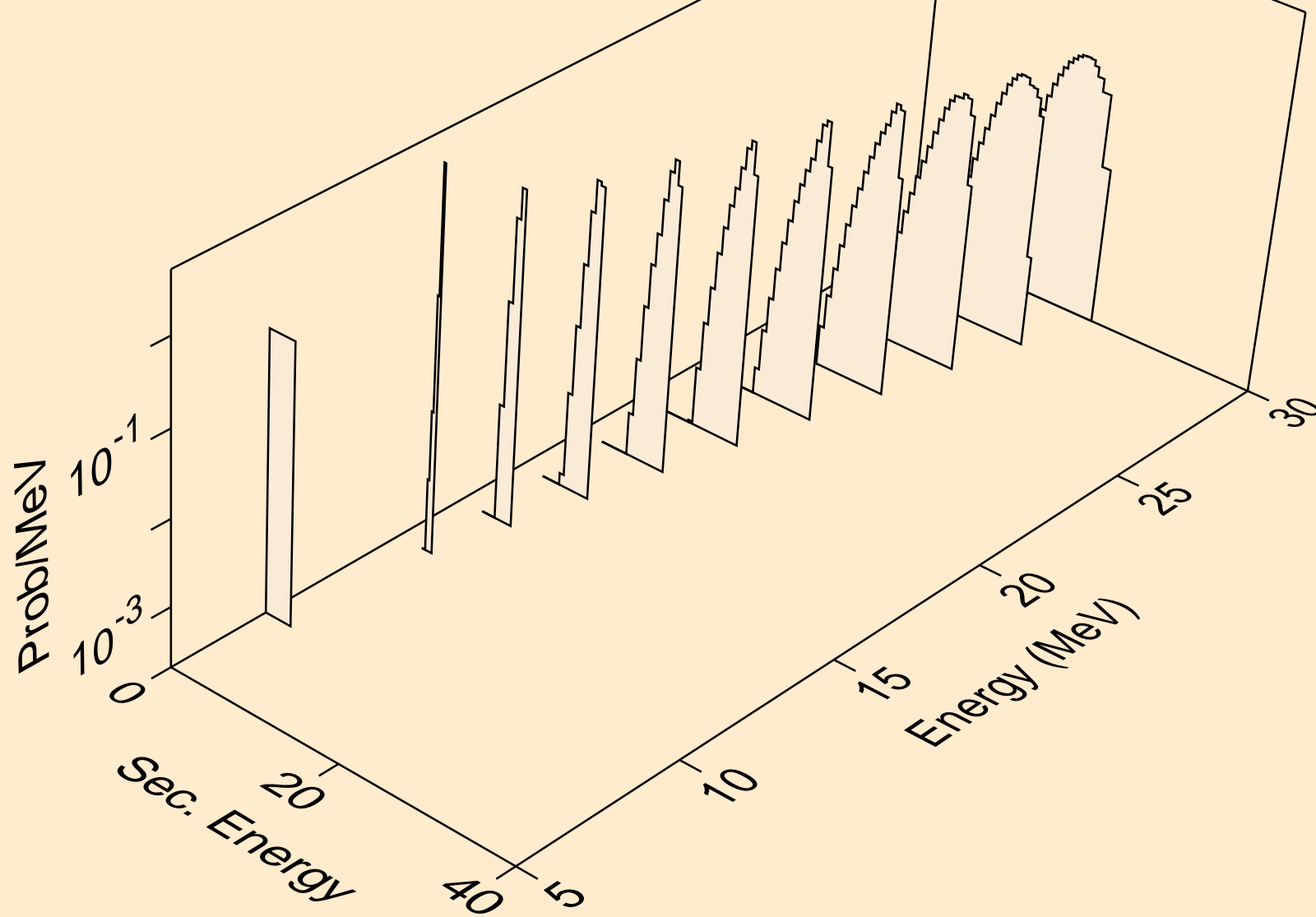
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,pt)



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,x)

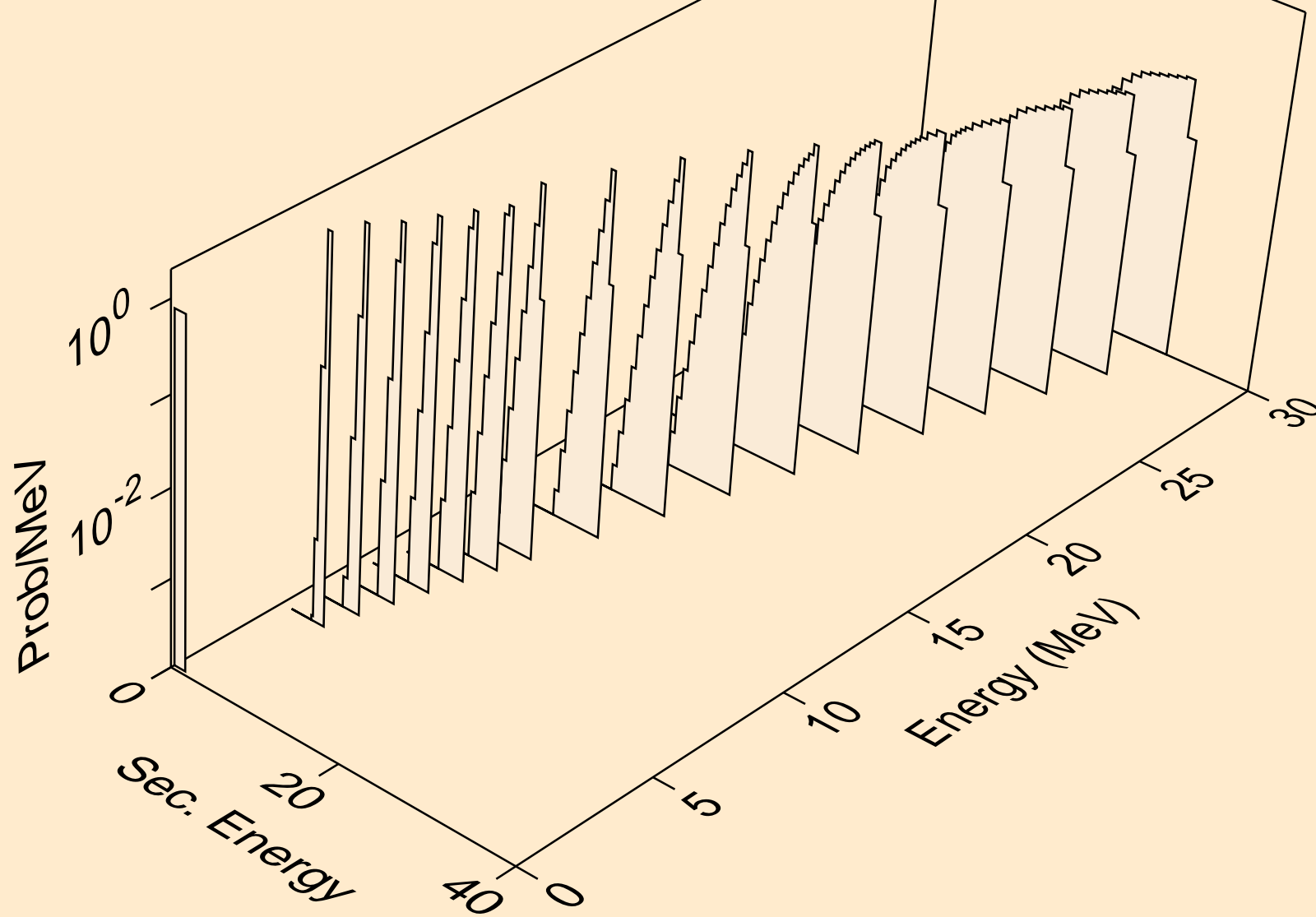


XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,n\*)he3

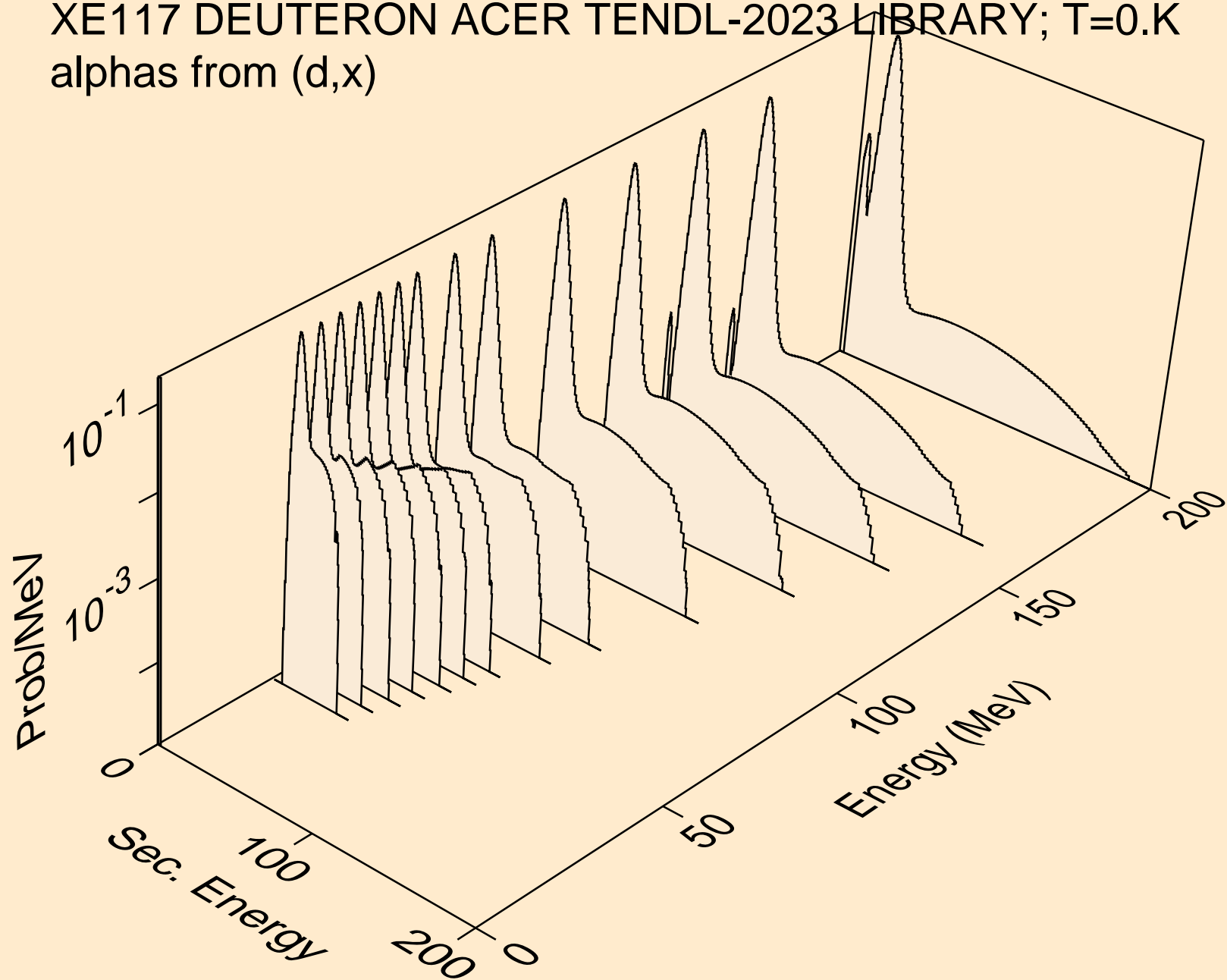




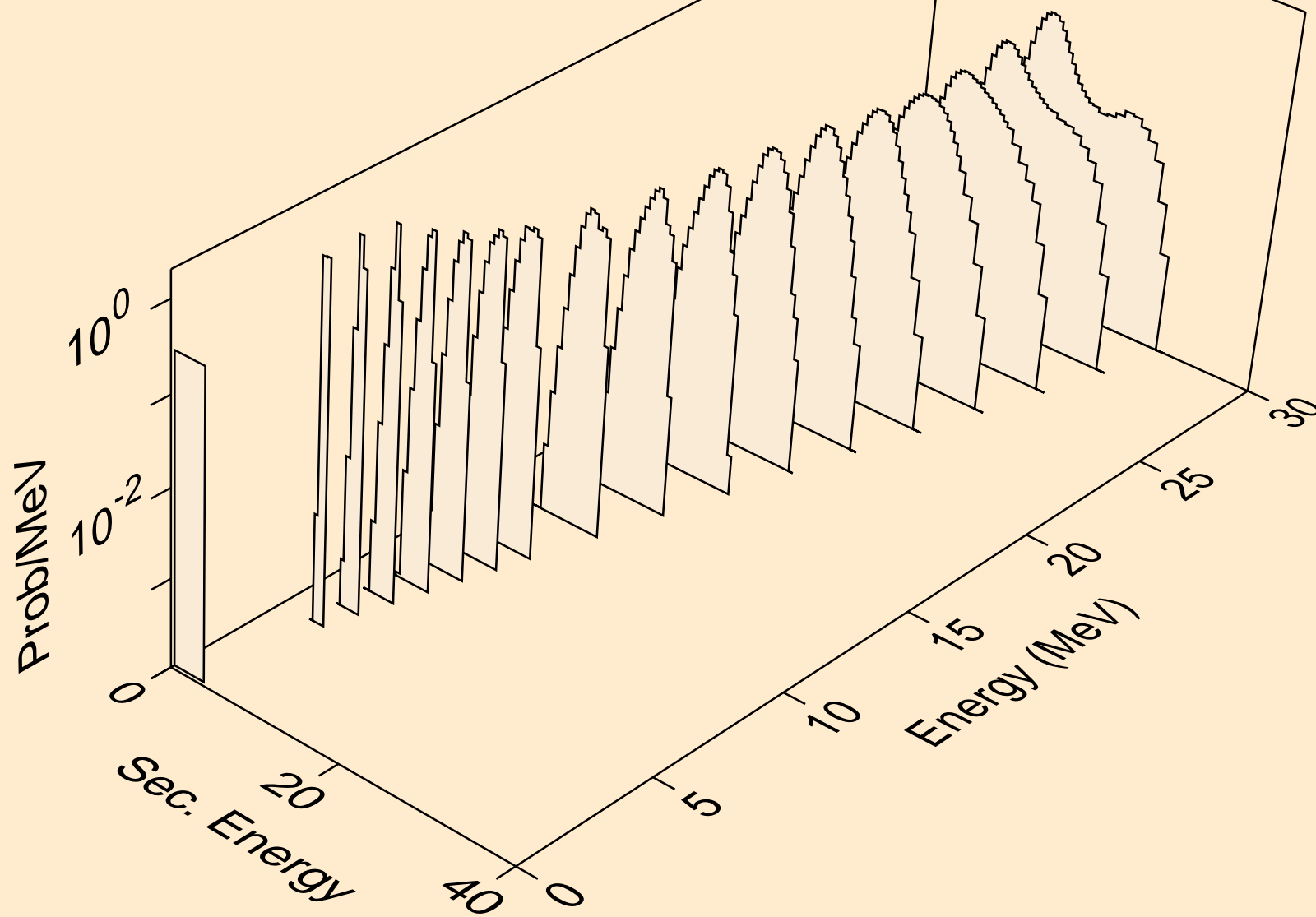
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he3s from (d,he3)



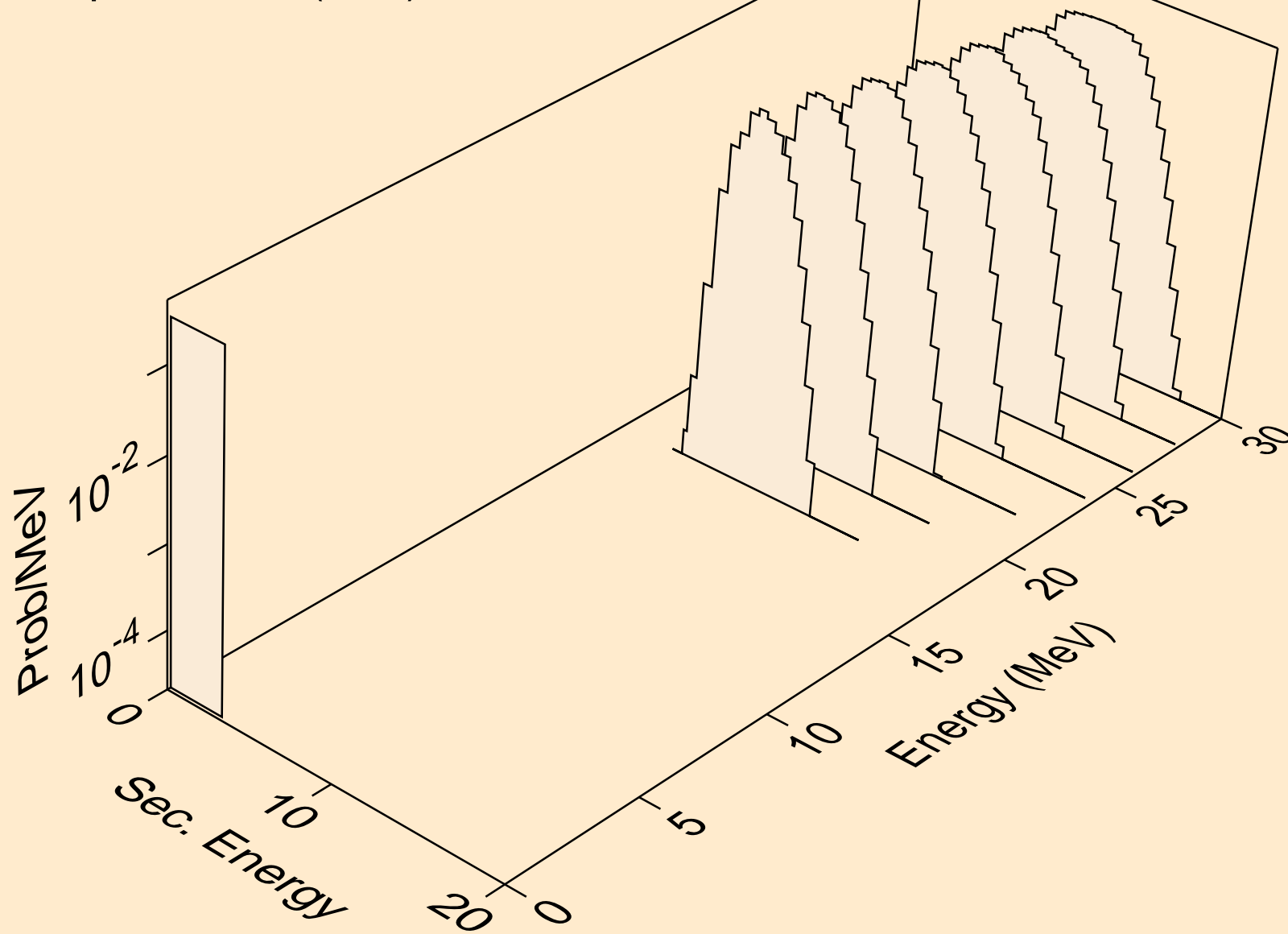
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,x)



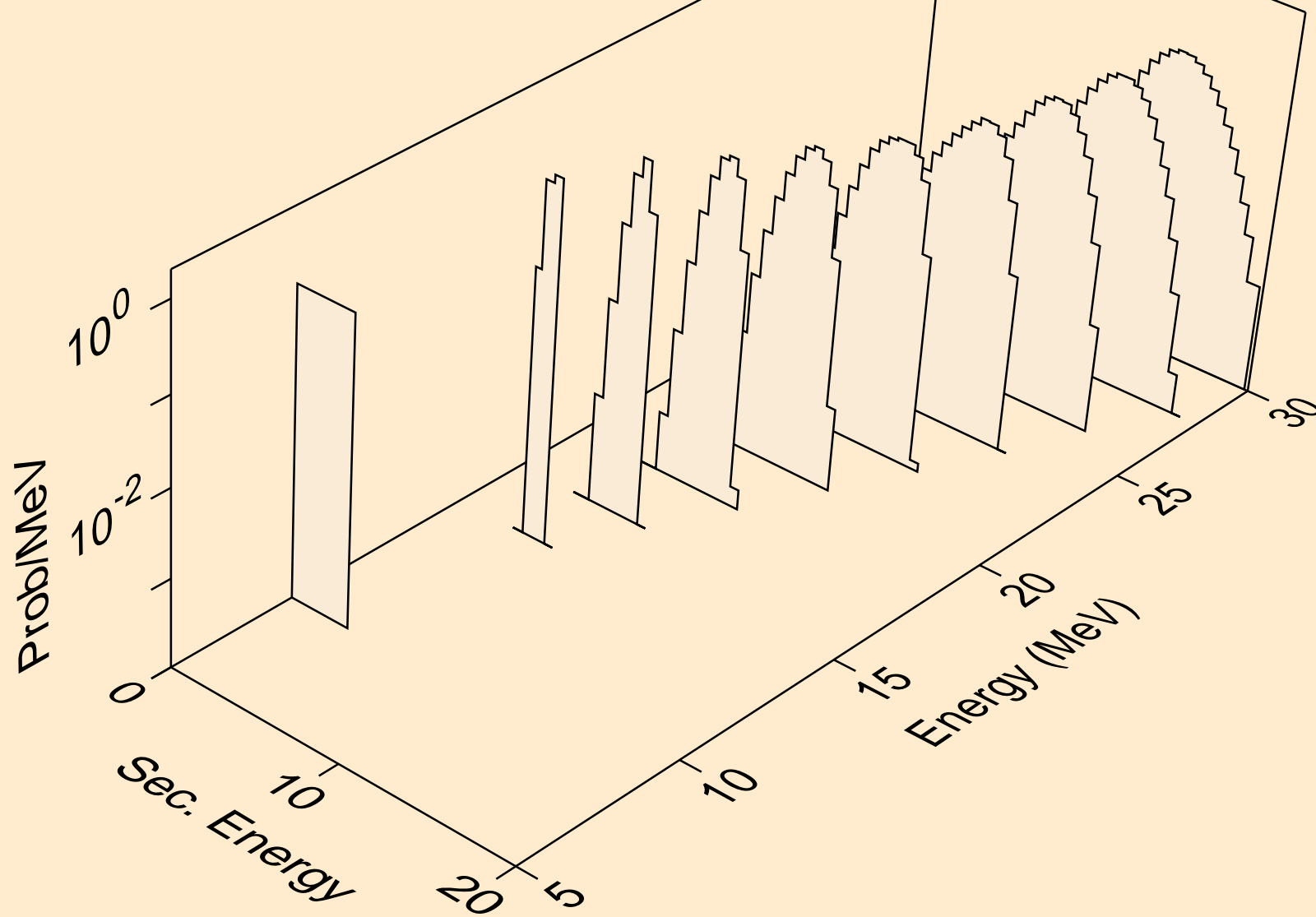
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a



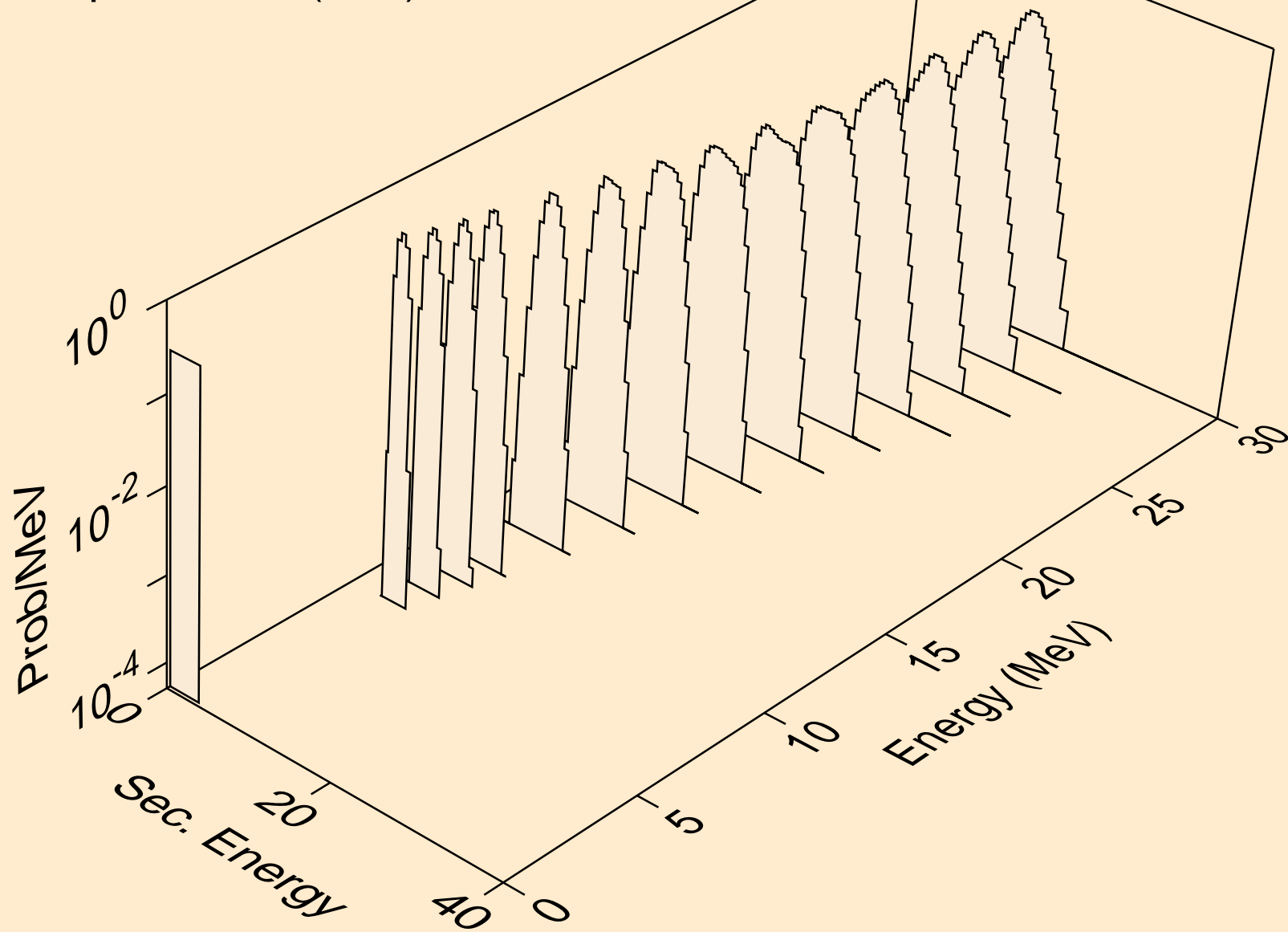
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)3a



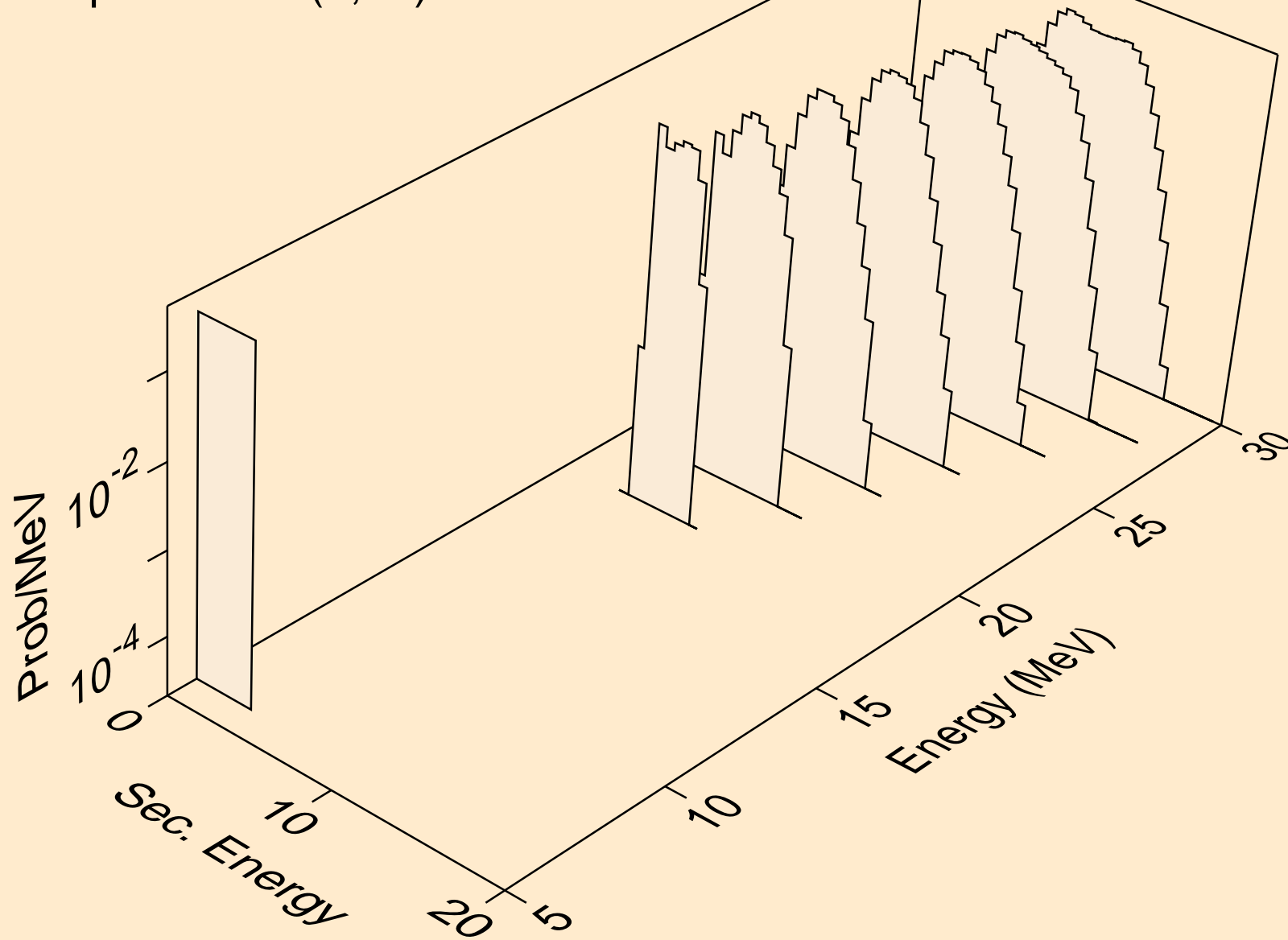
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alphas from (d,2n)a



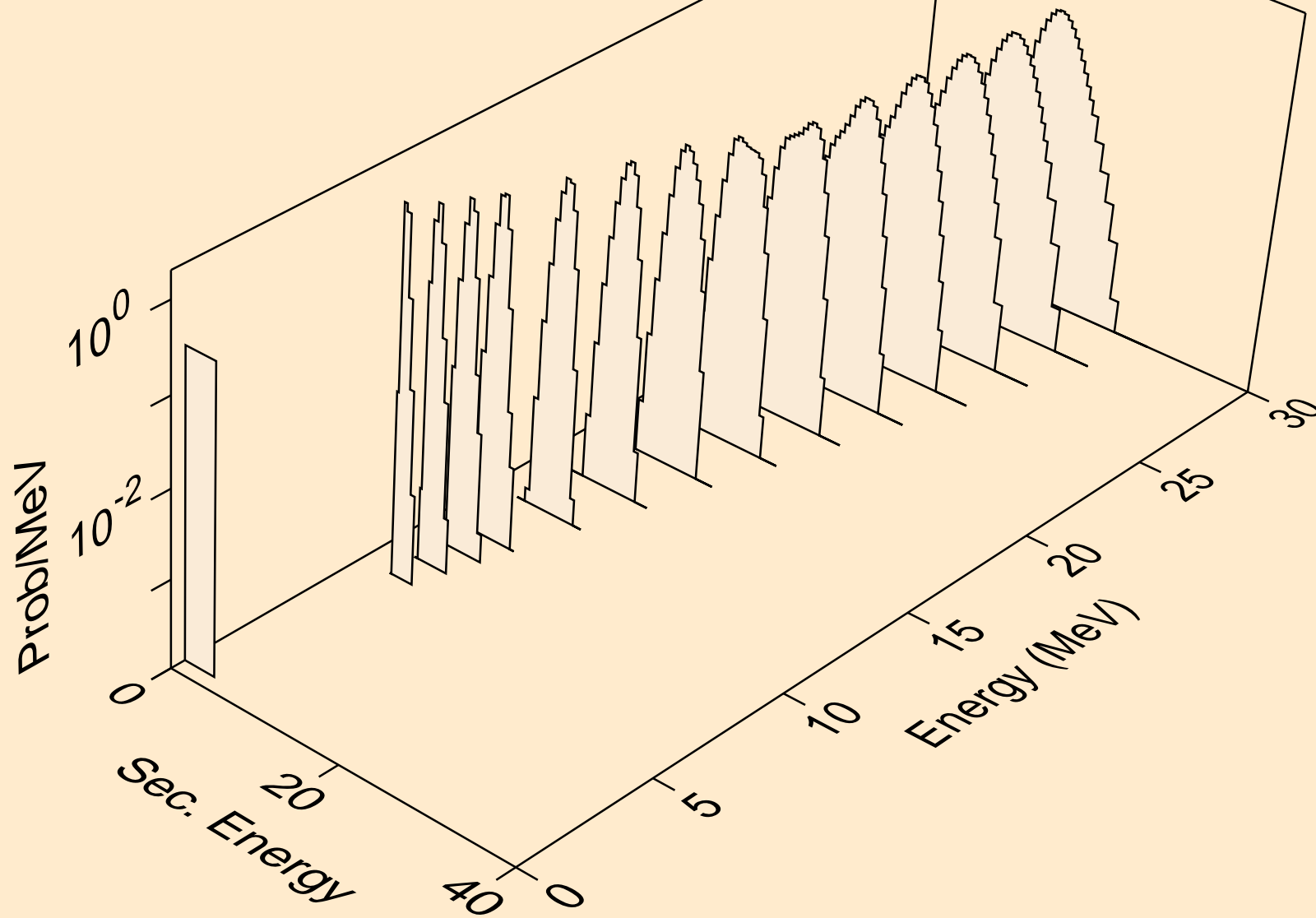
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)2a



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2n)2a

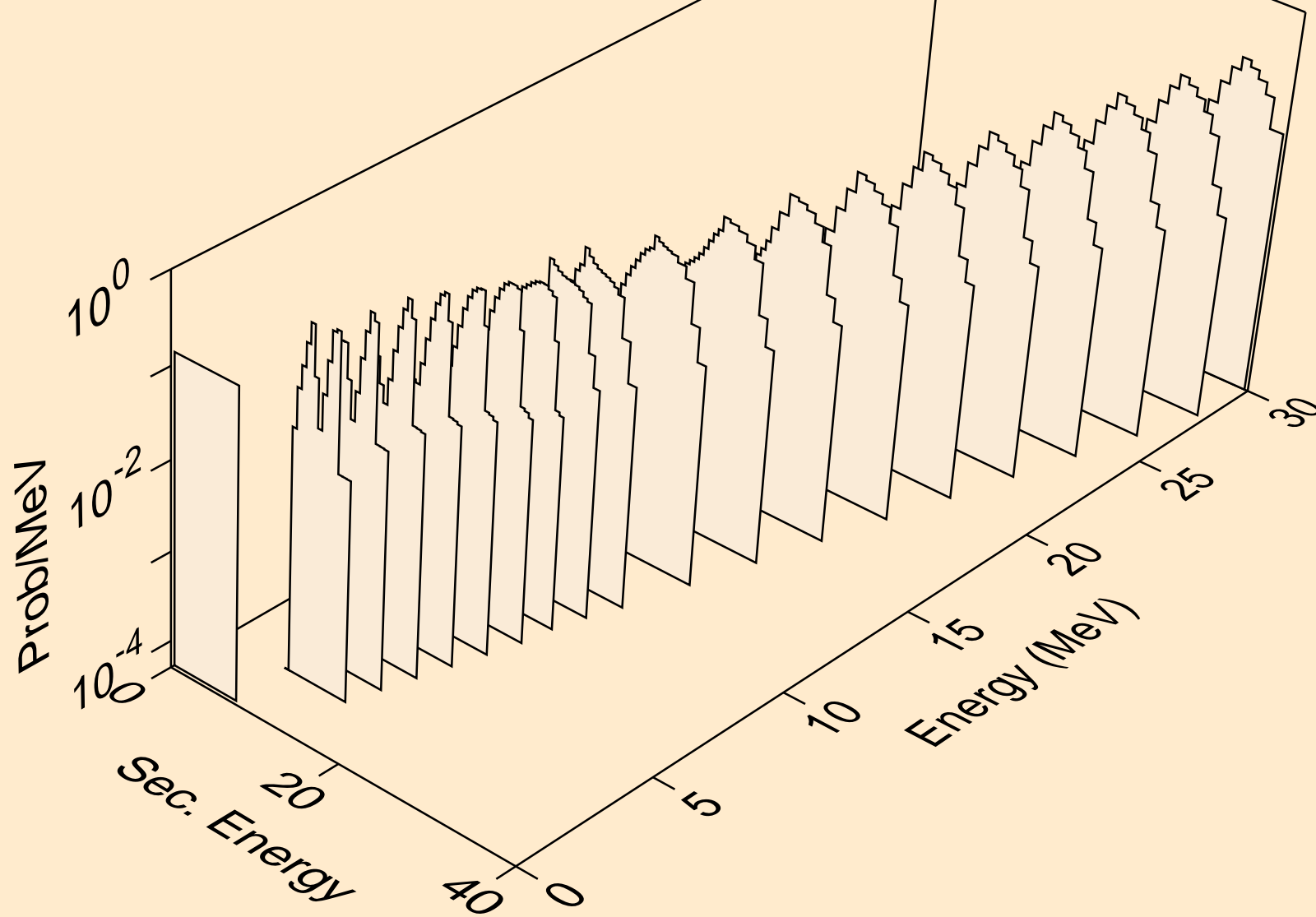


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alphas from (d,npa)

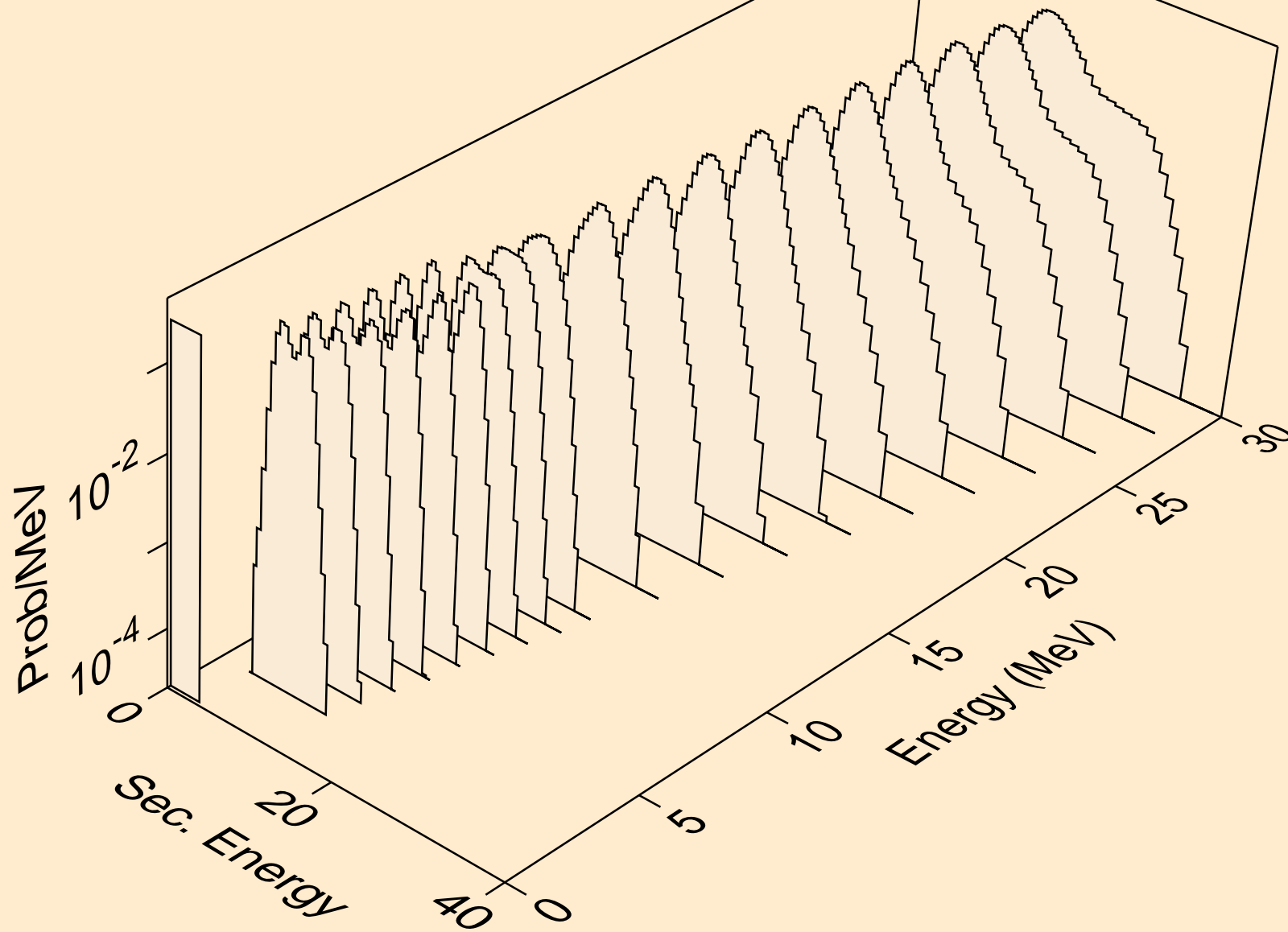




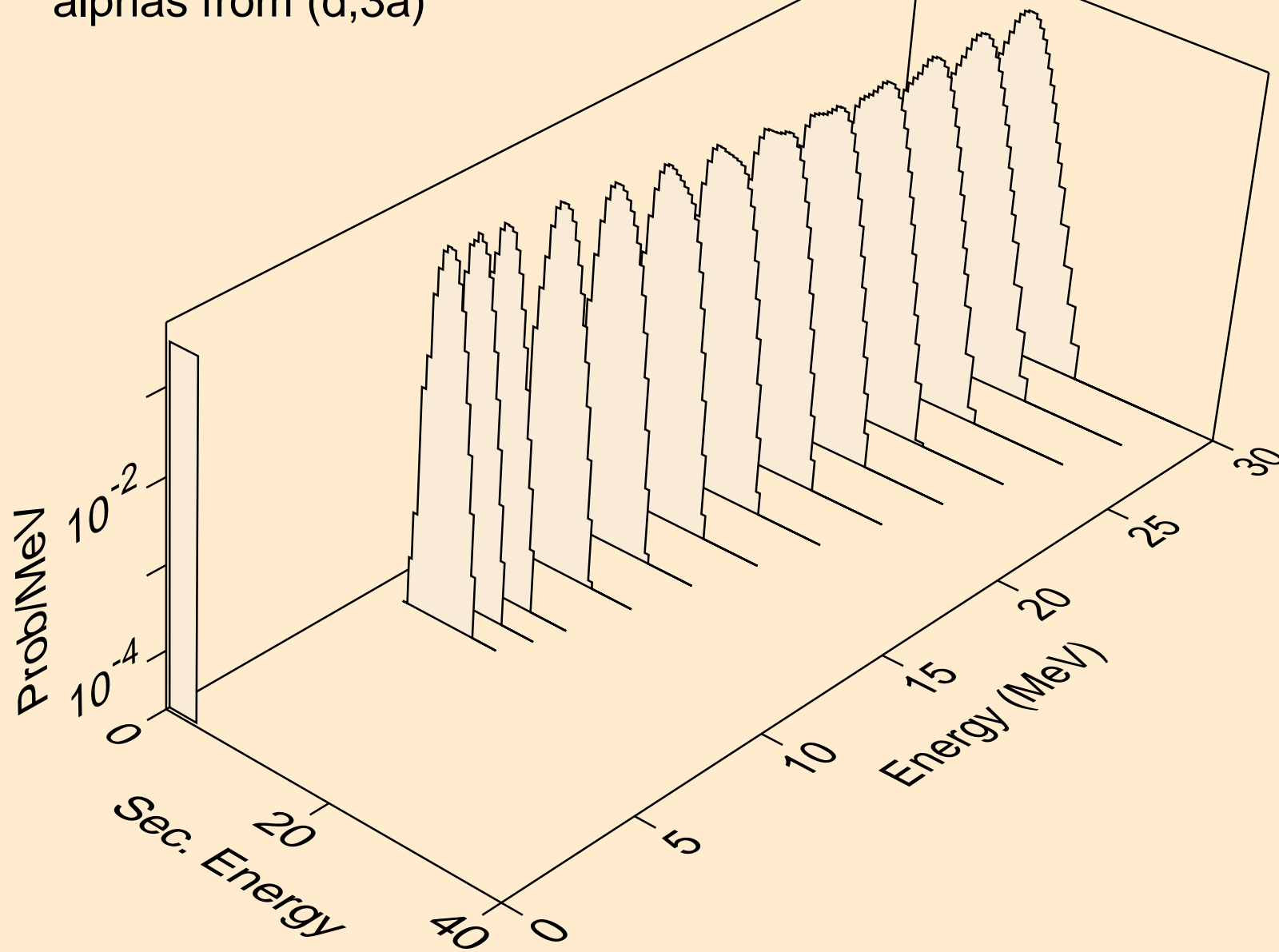
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alphas from (d,a)



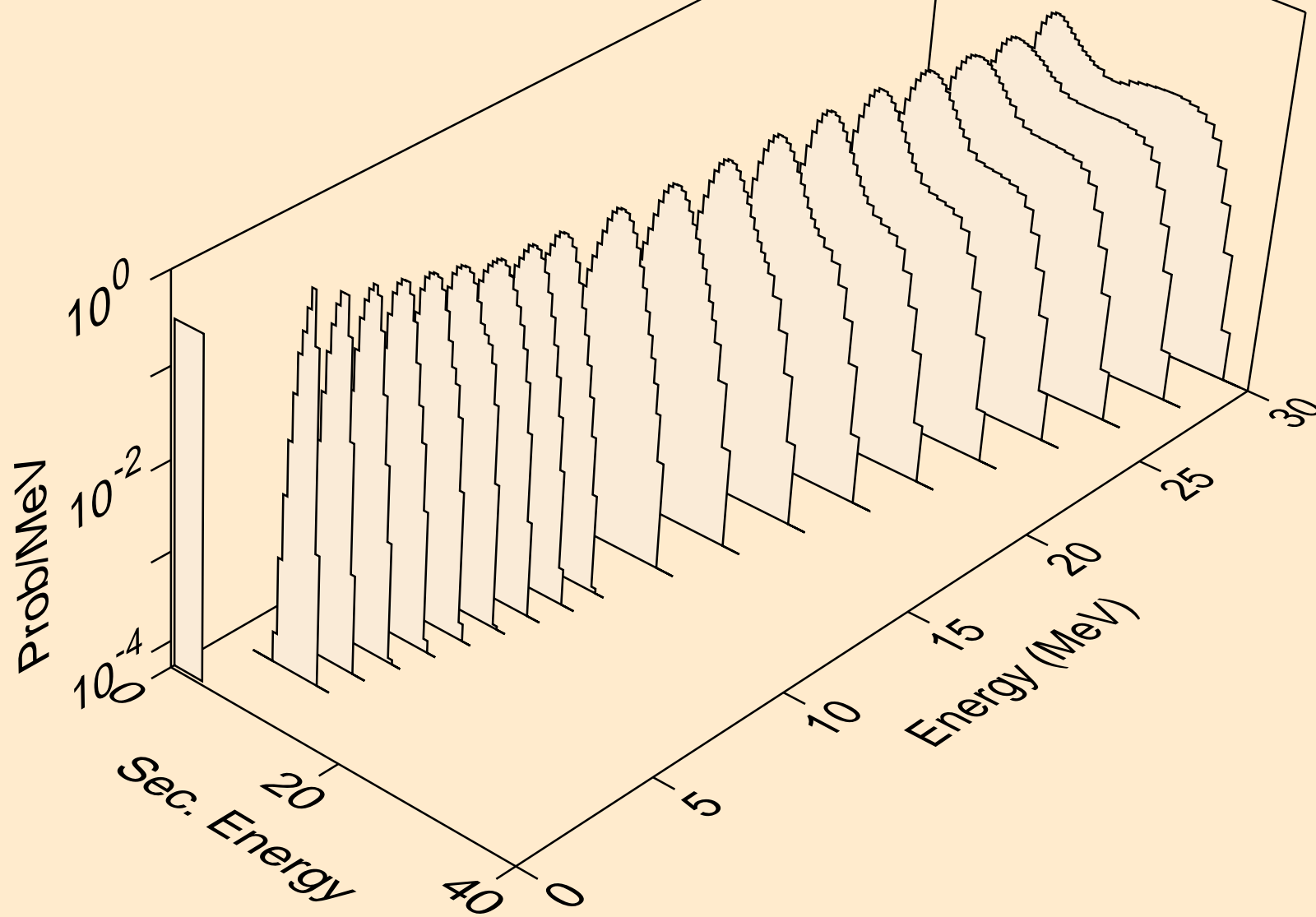
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alphas from (d,2a)



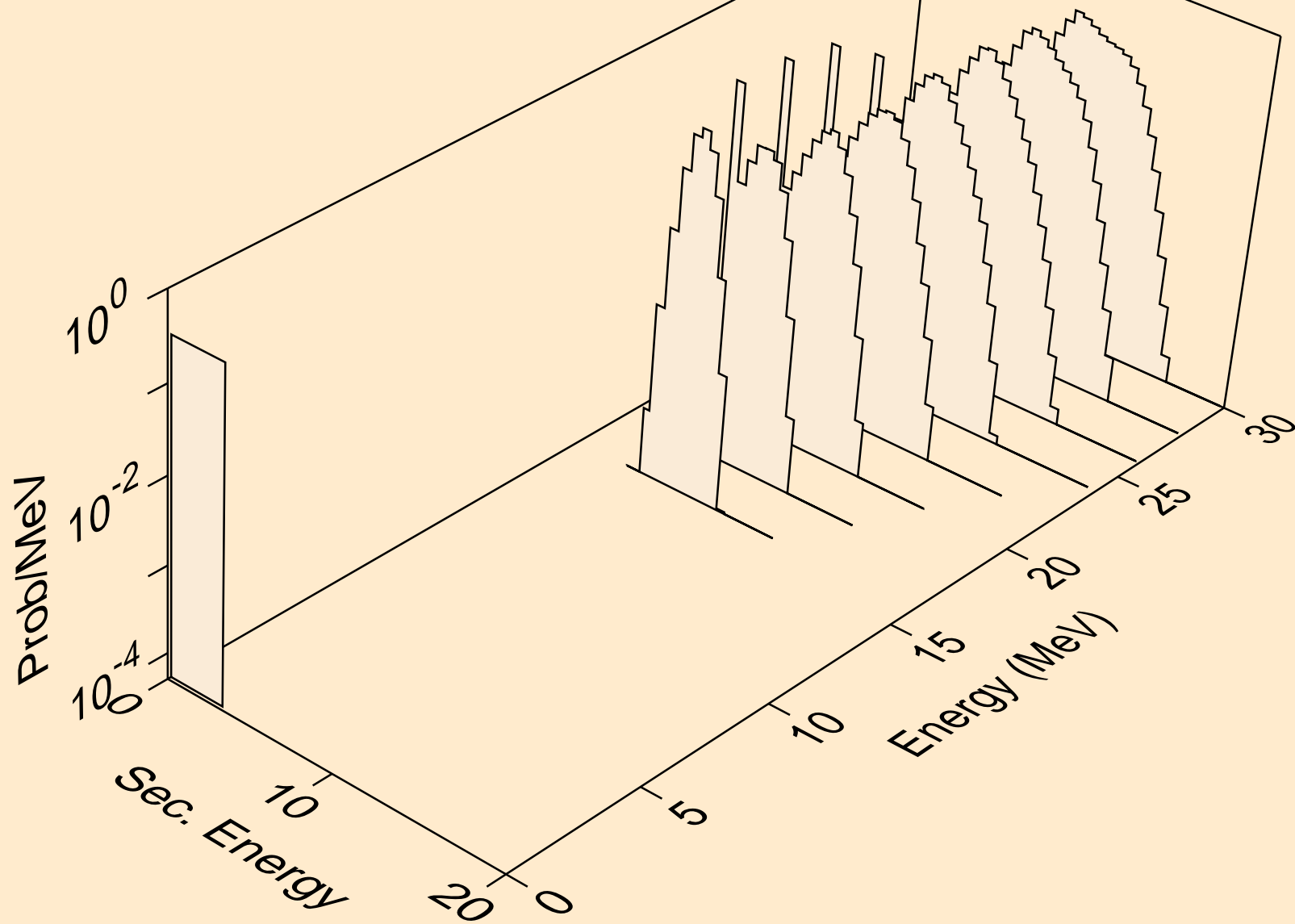
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alphas from (d,3a)



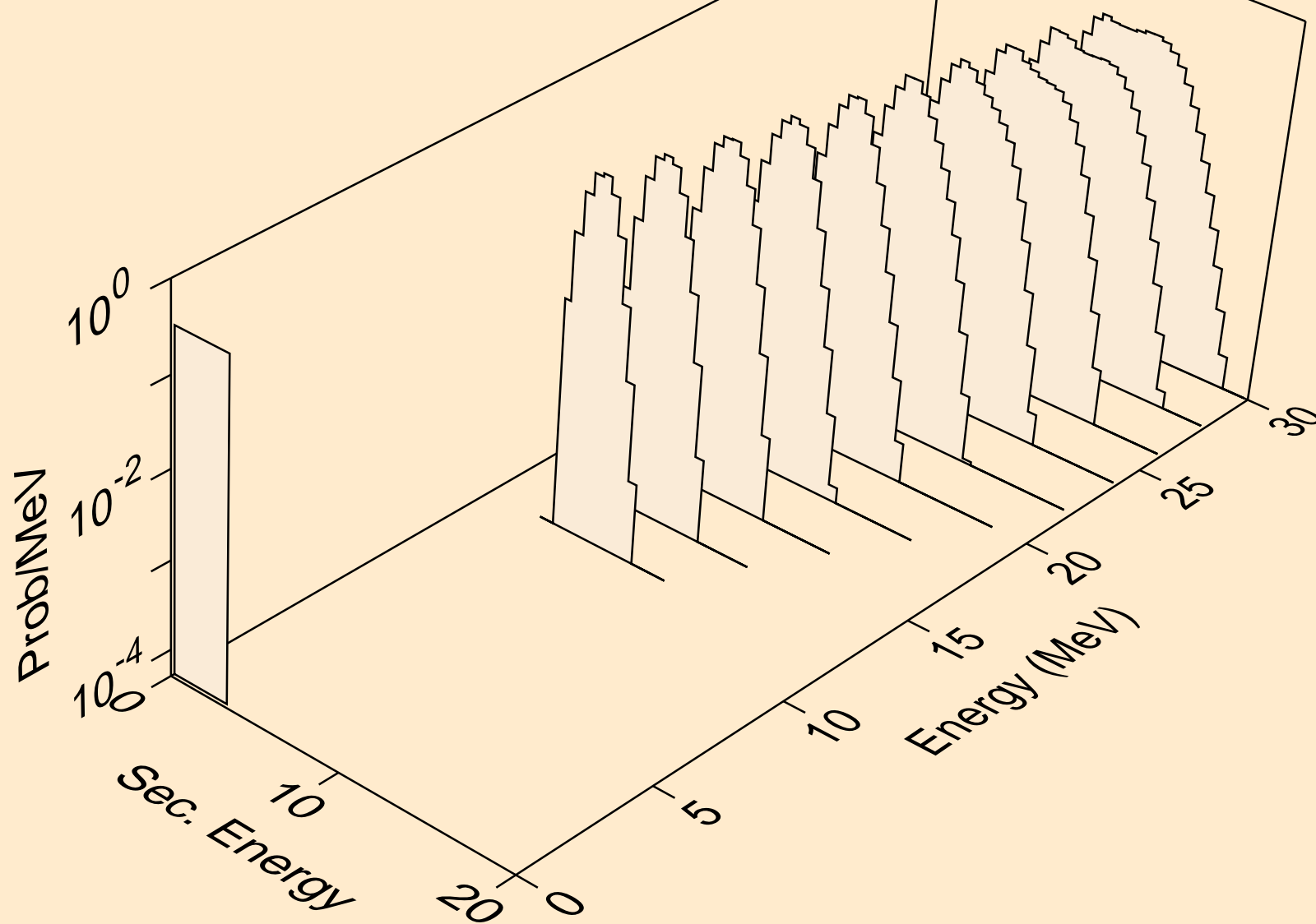
XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,t2a)



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,d2a)



XE117 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

