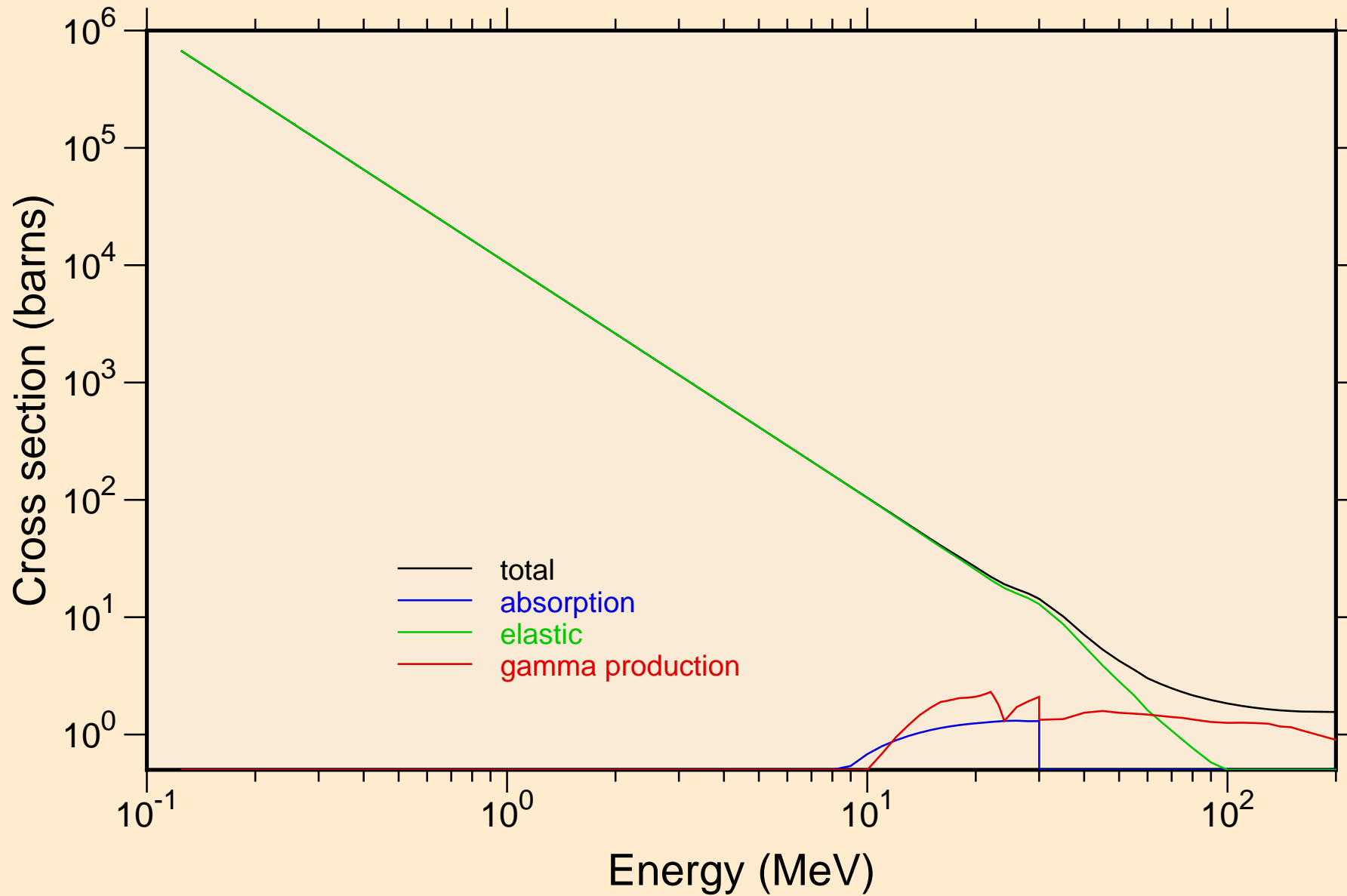
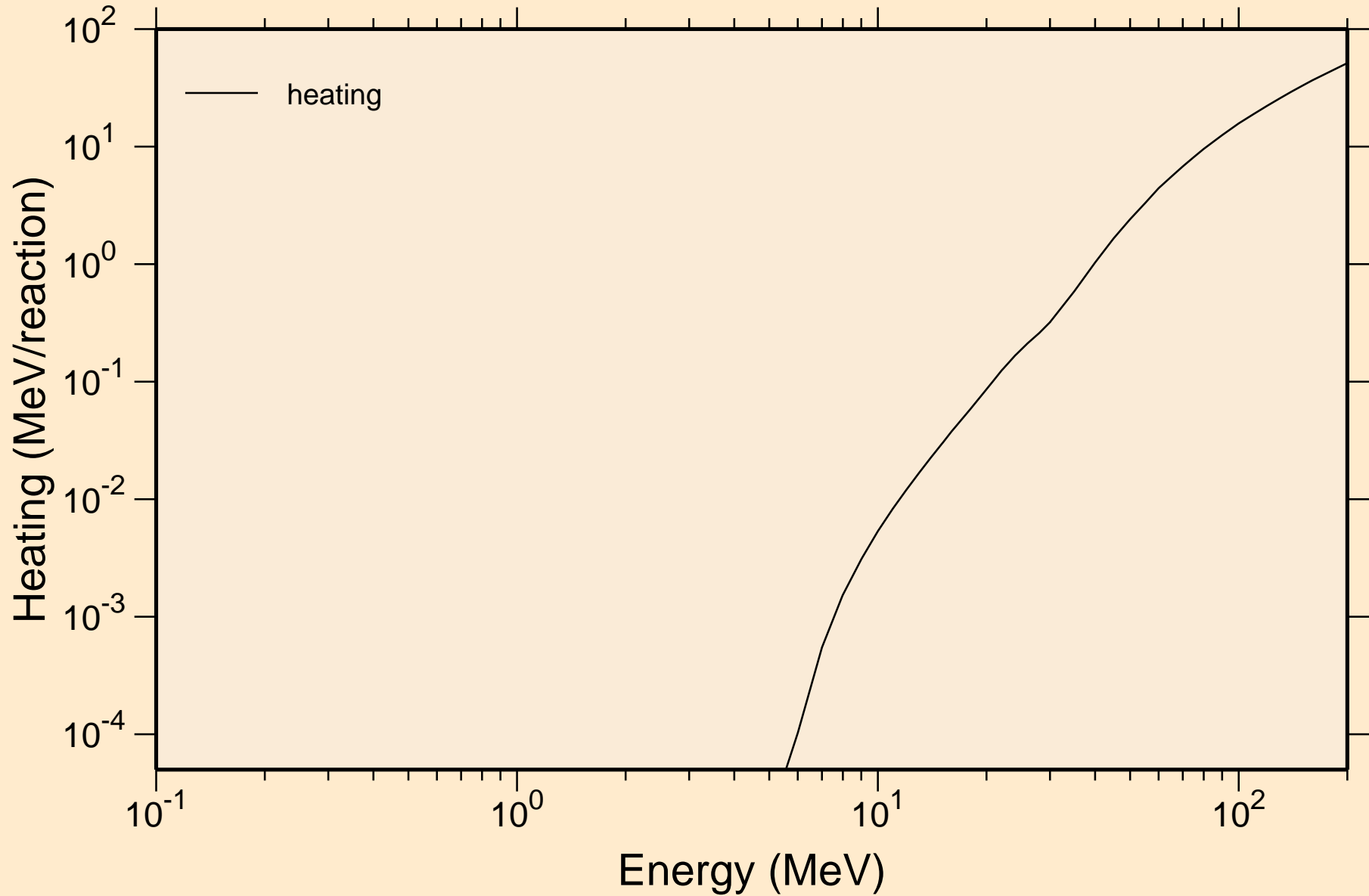


K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



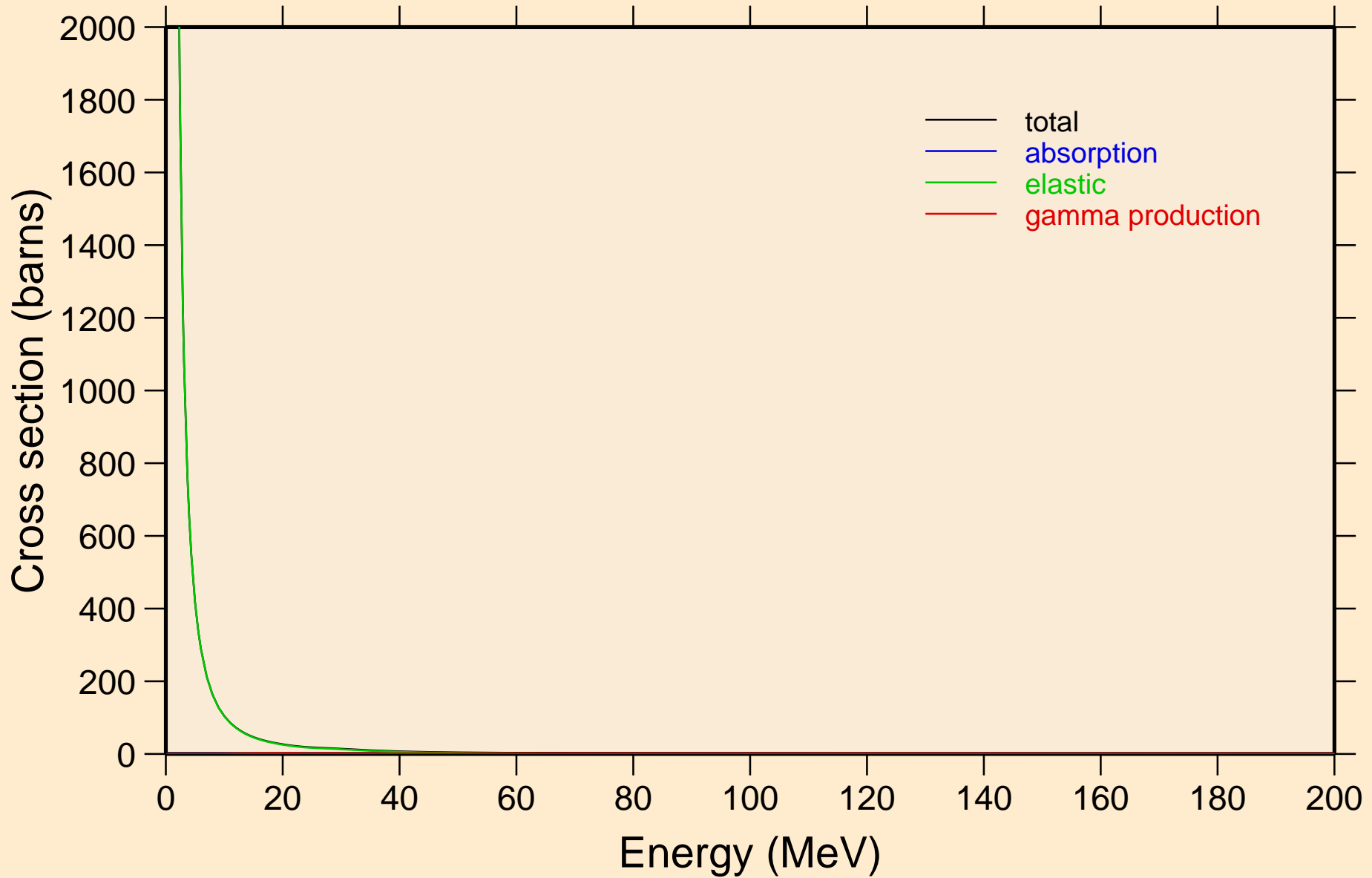
# K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



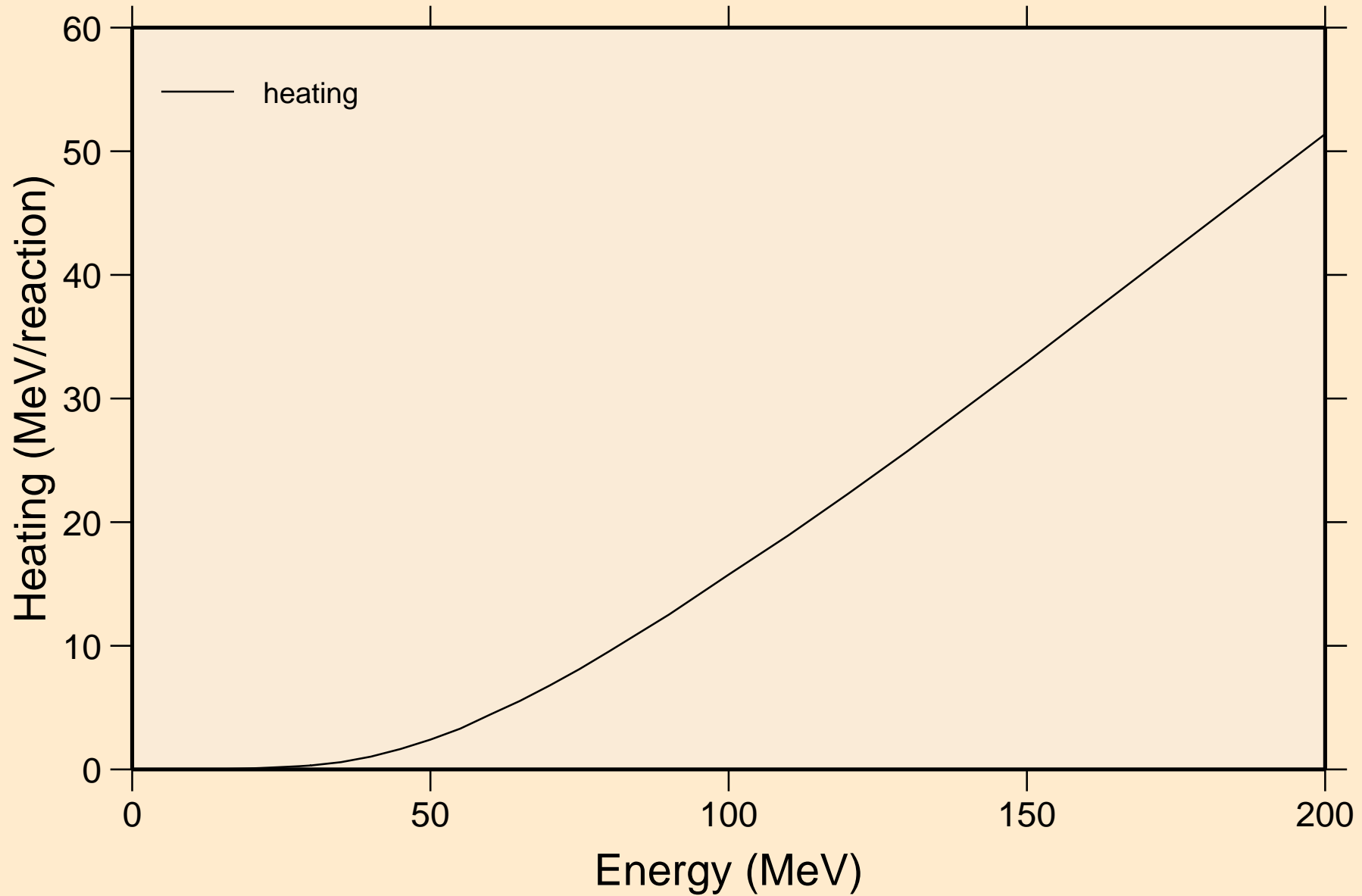
# K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

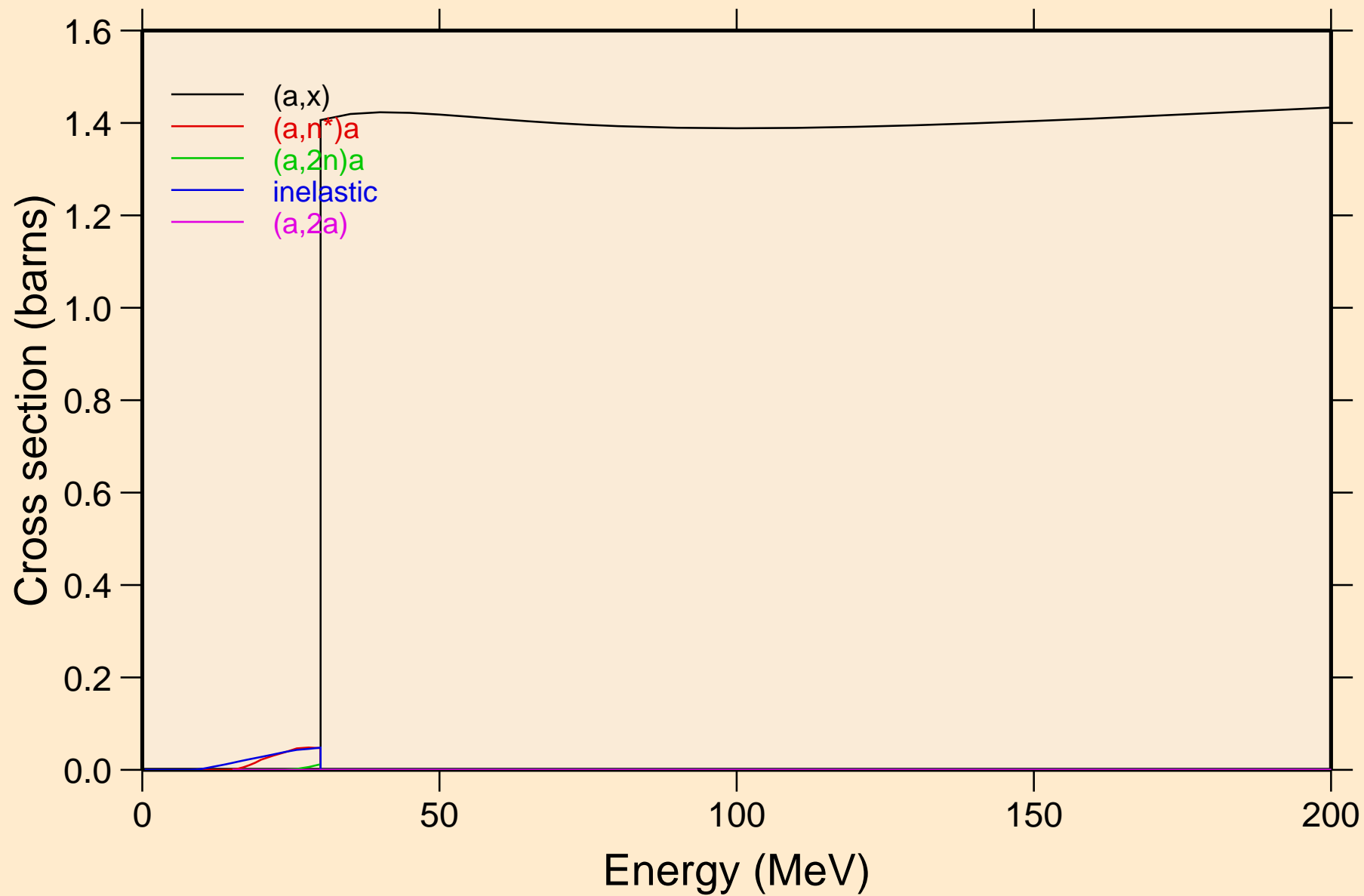


K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

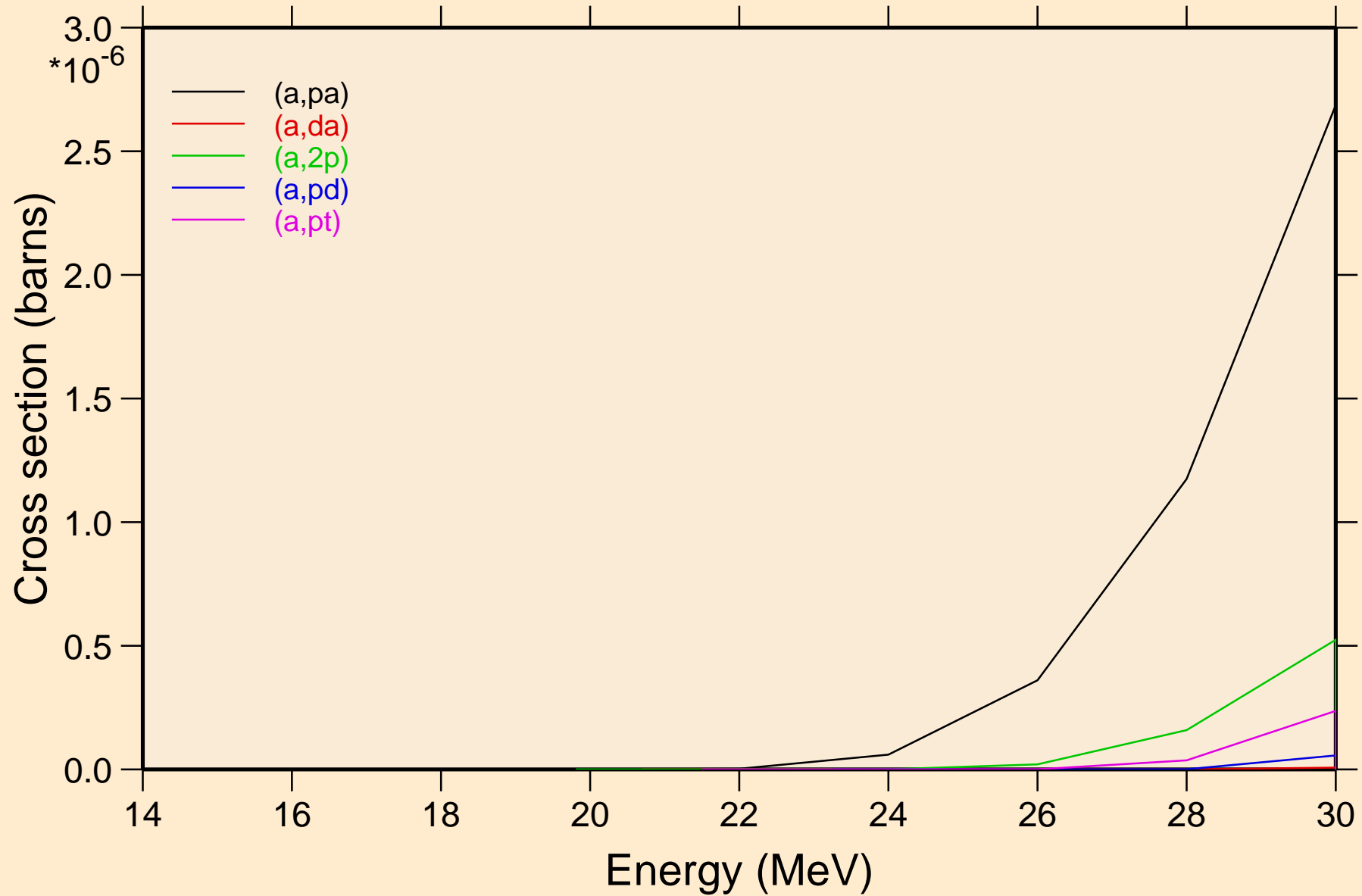
Heating



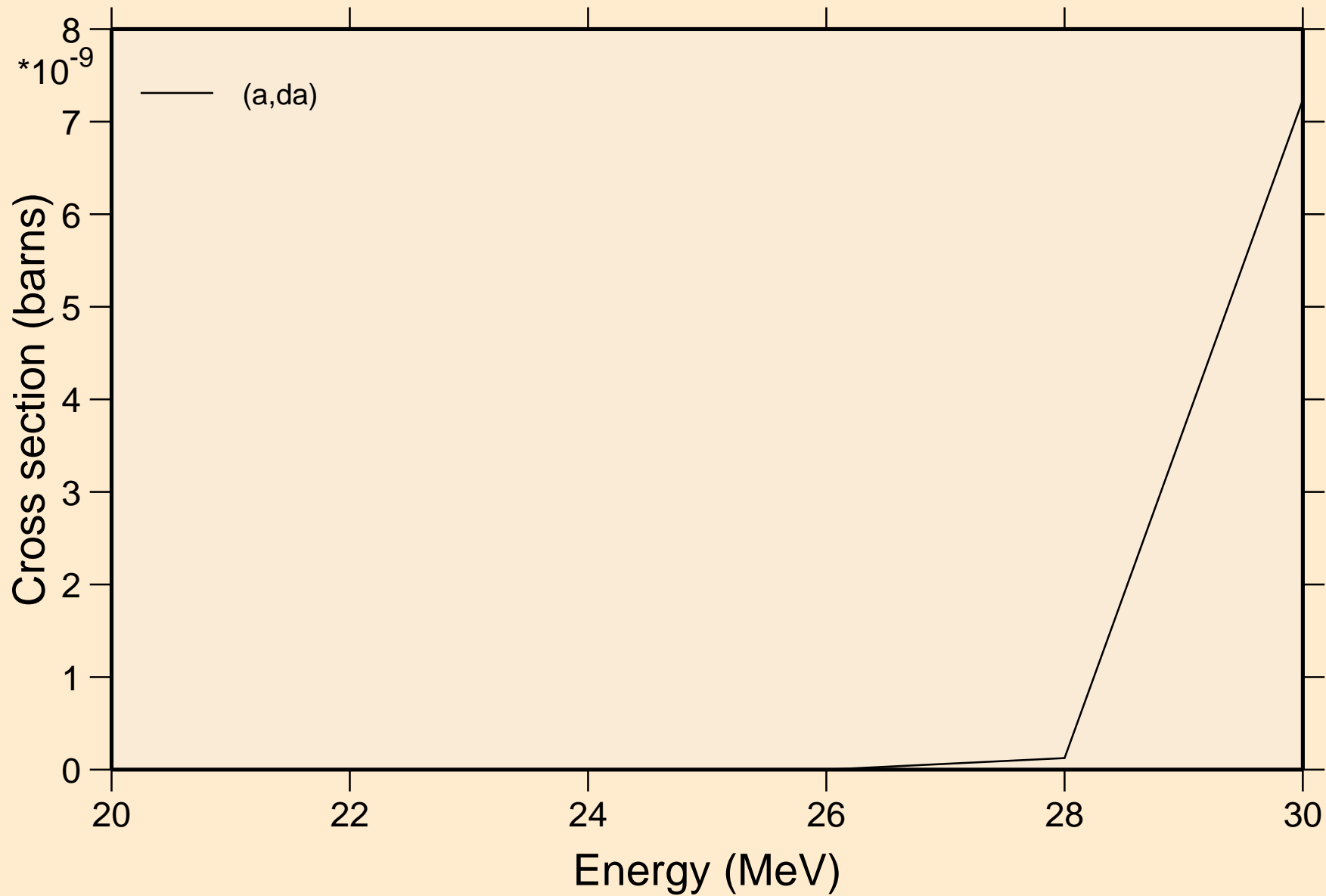
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



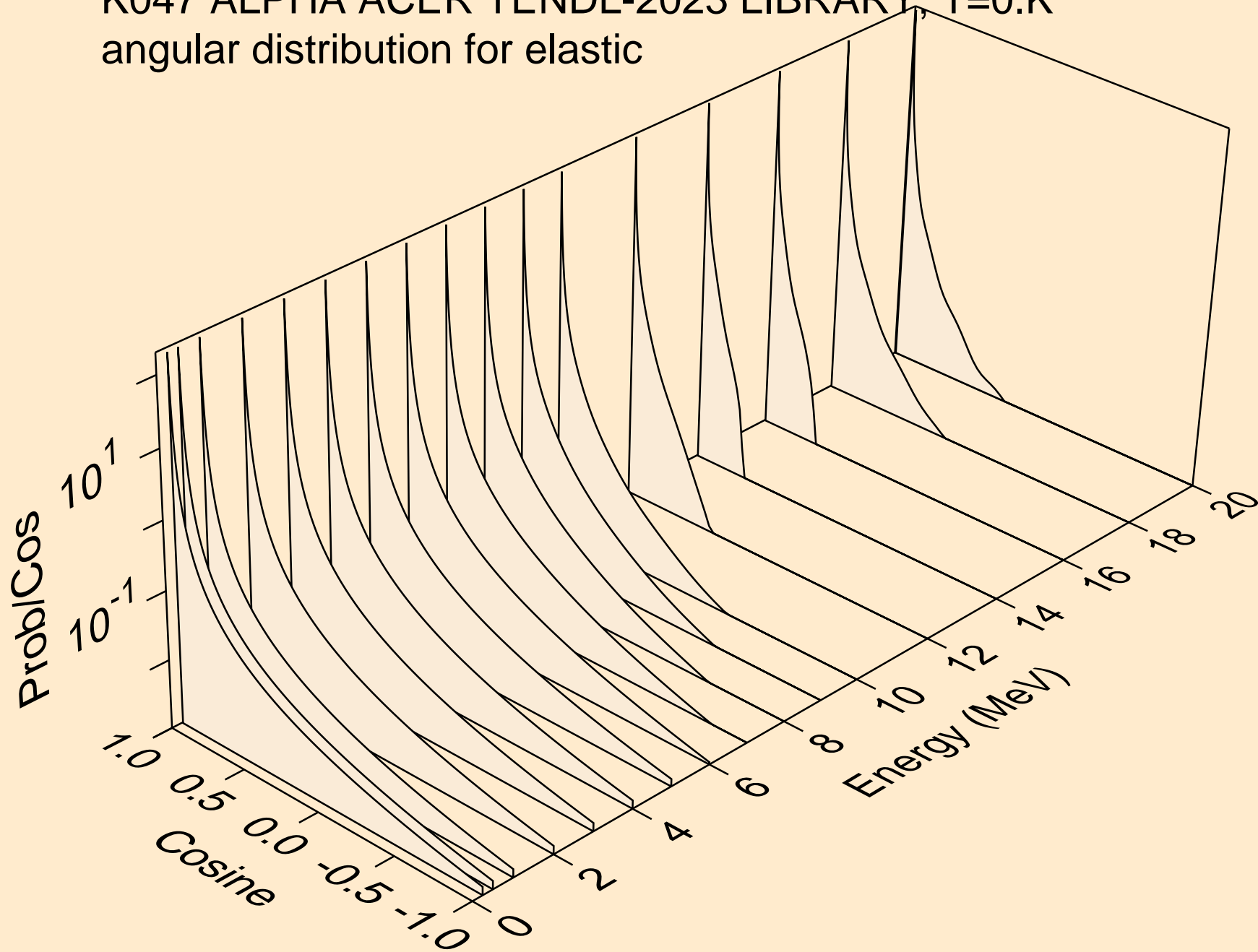
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

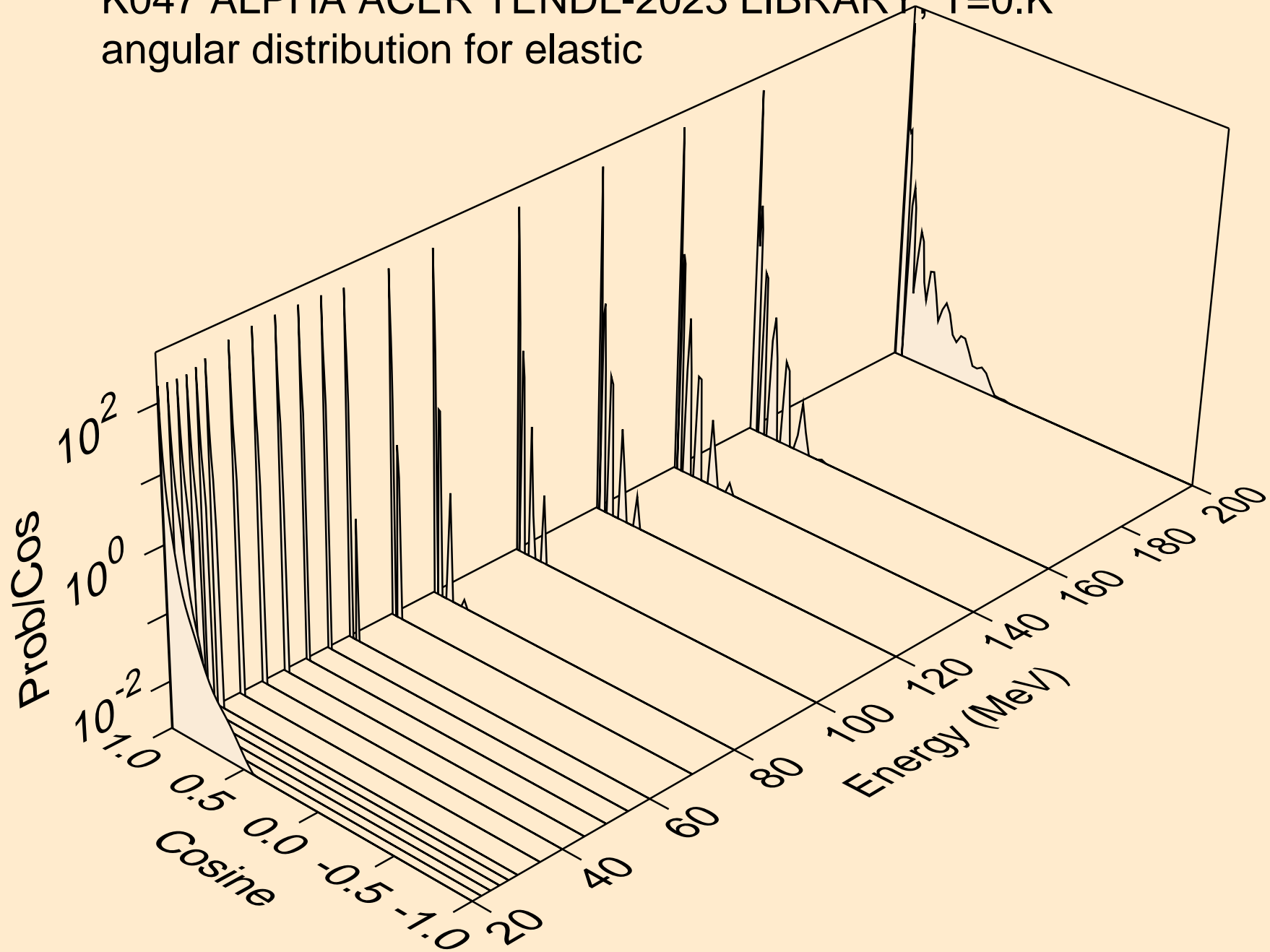


K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



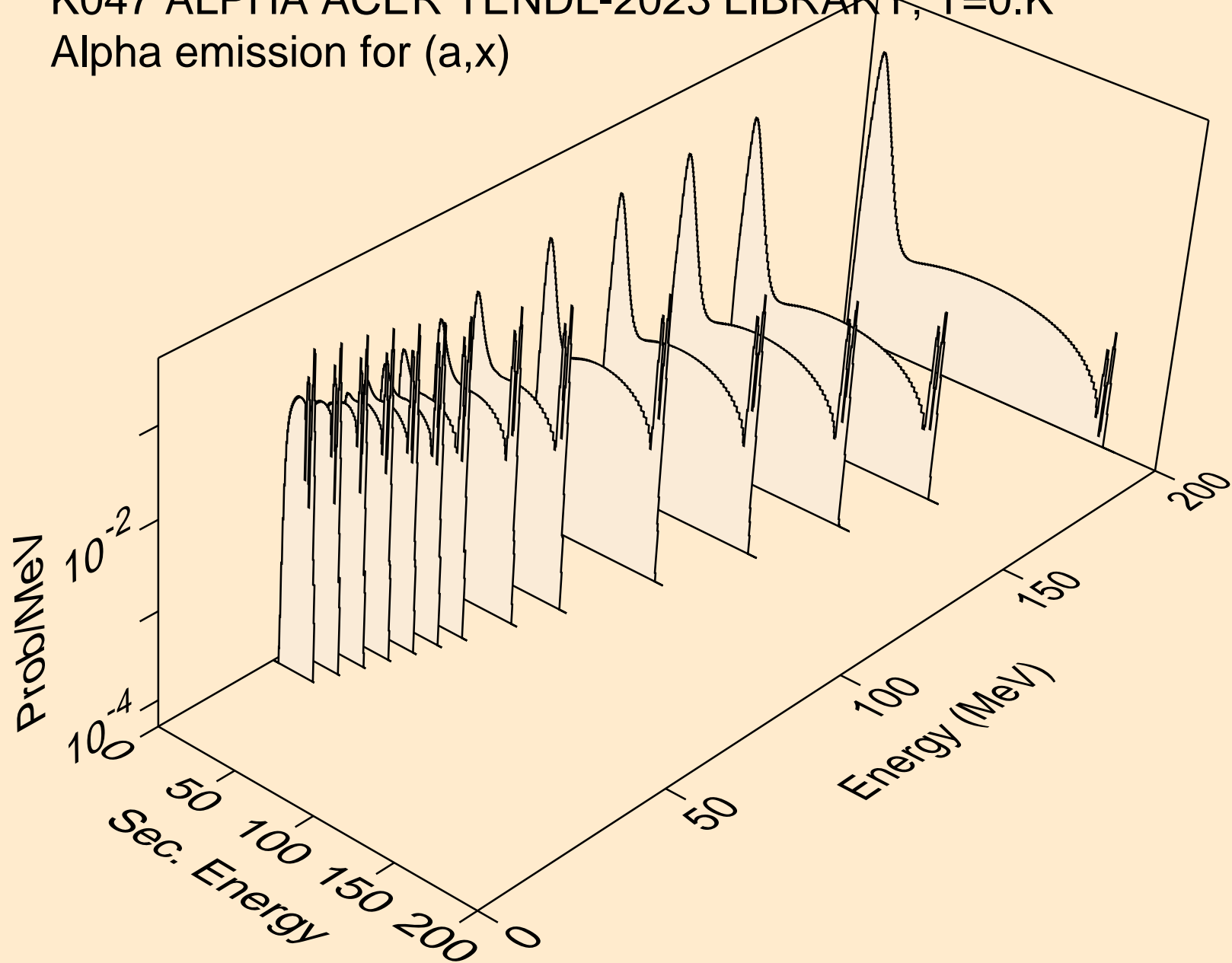


K047 ALPHA ACER TENDL-2023 LIBRARY: T=0.K  
angular distribution for elastic

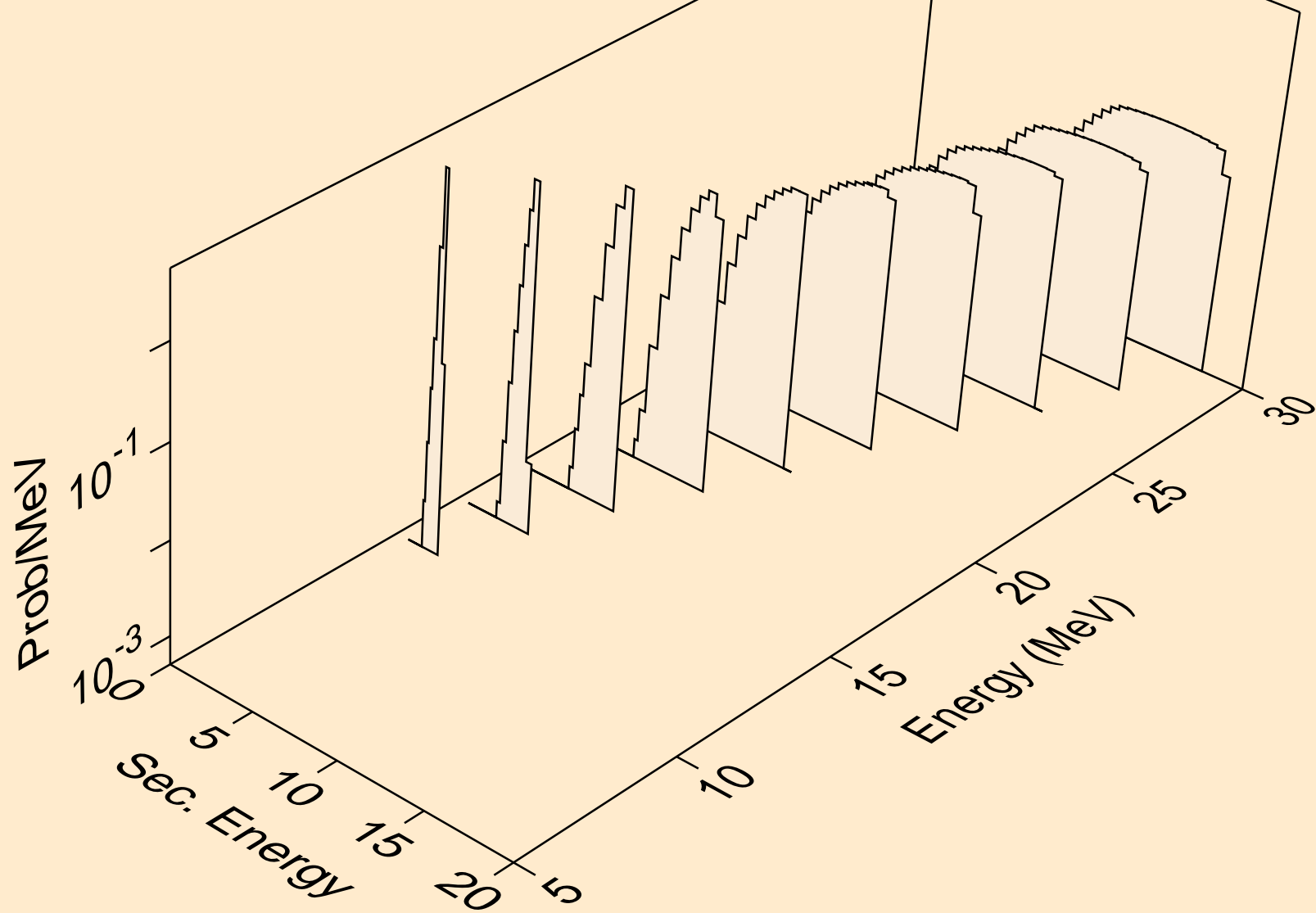


K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

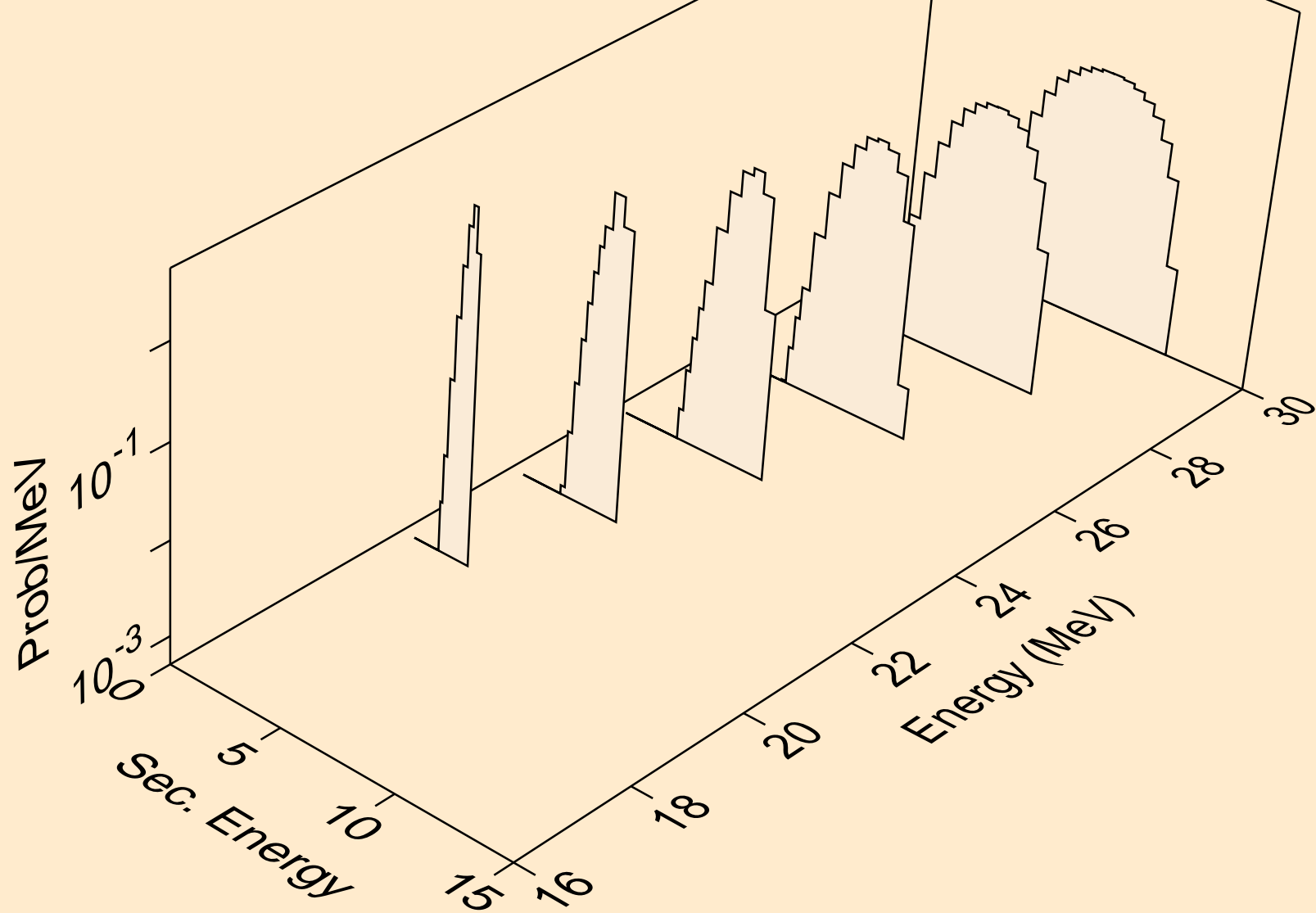
Alpha emission for (a,x)



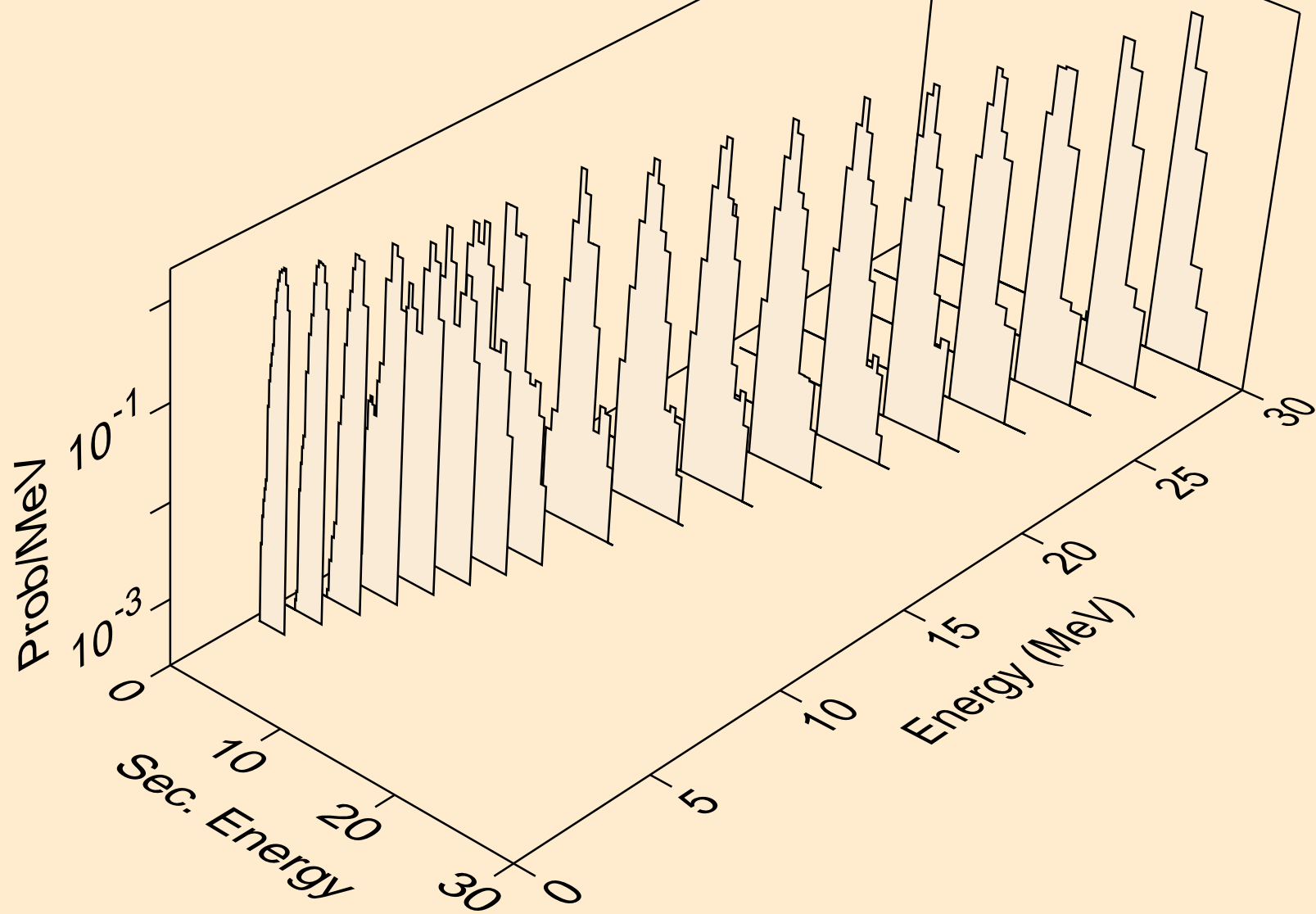
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

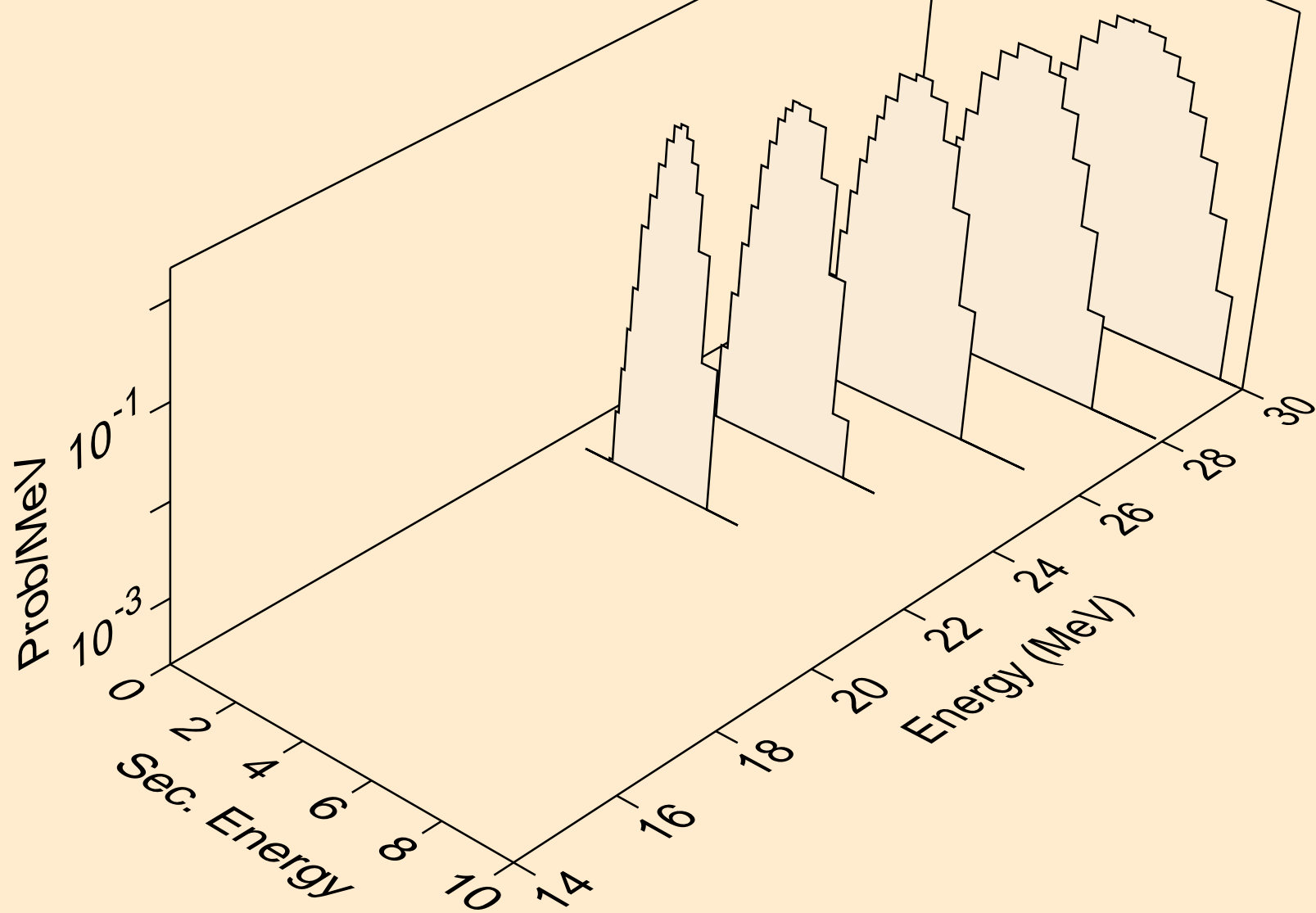


K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

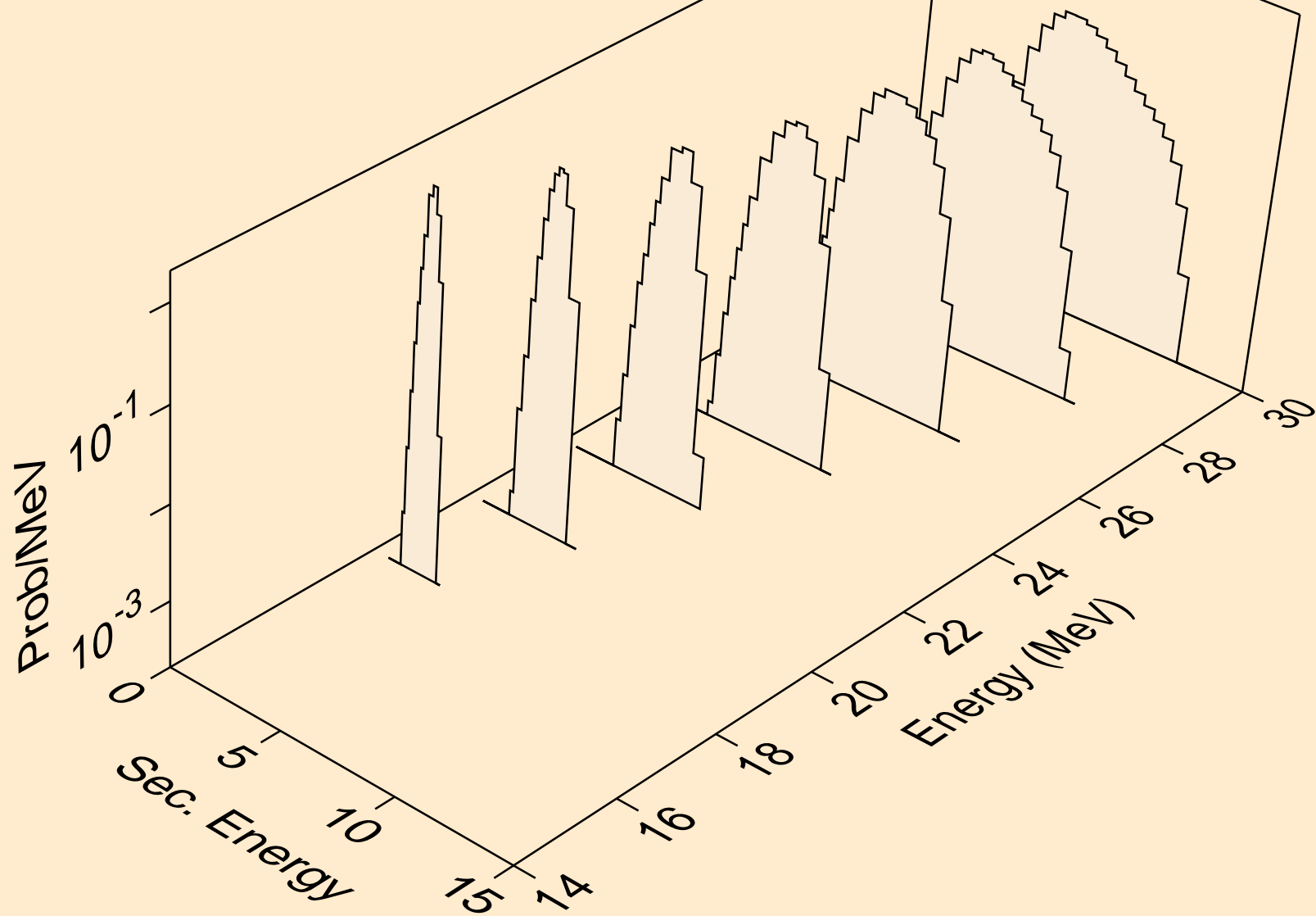


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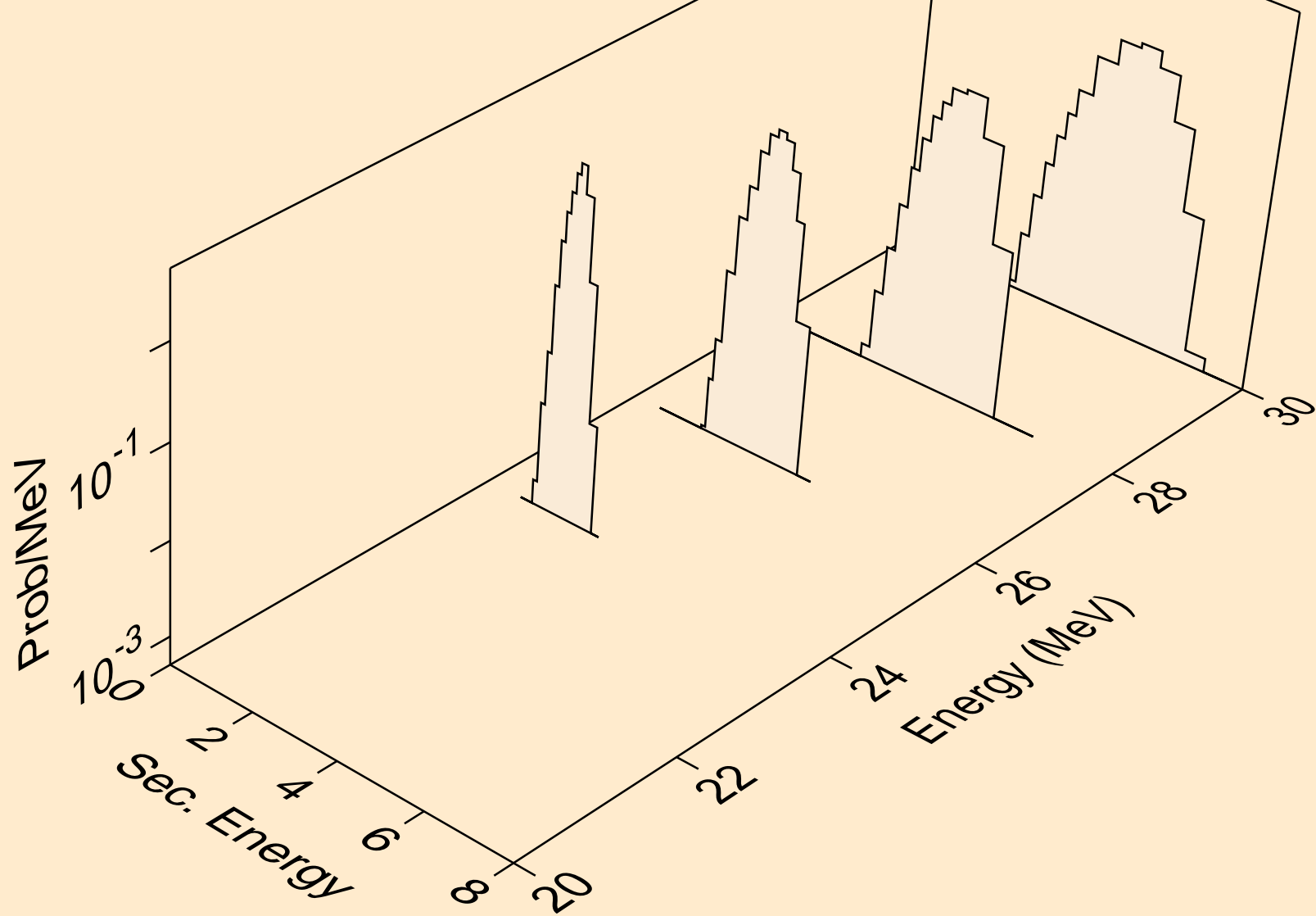
Alpha emission for (a,2a)



K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

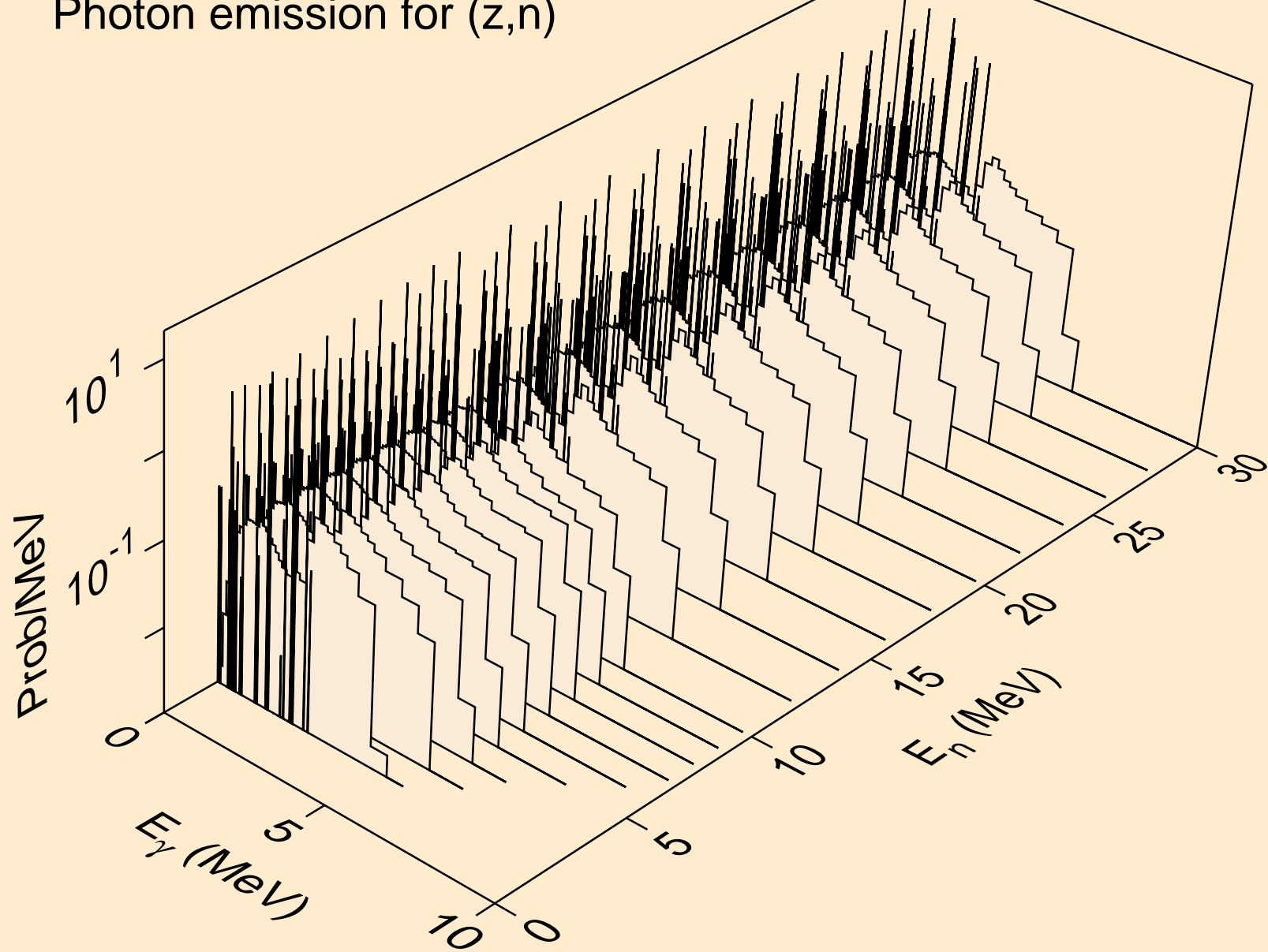


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Alpha emission for (a,da)



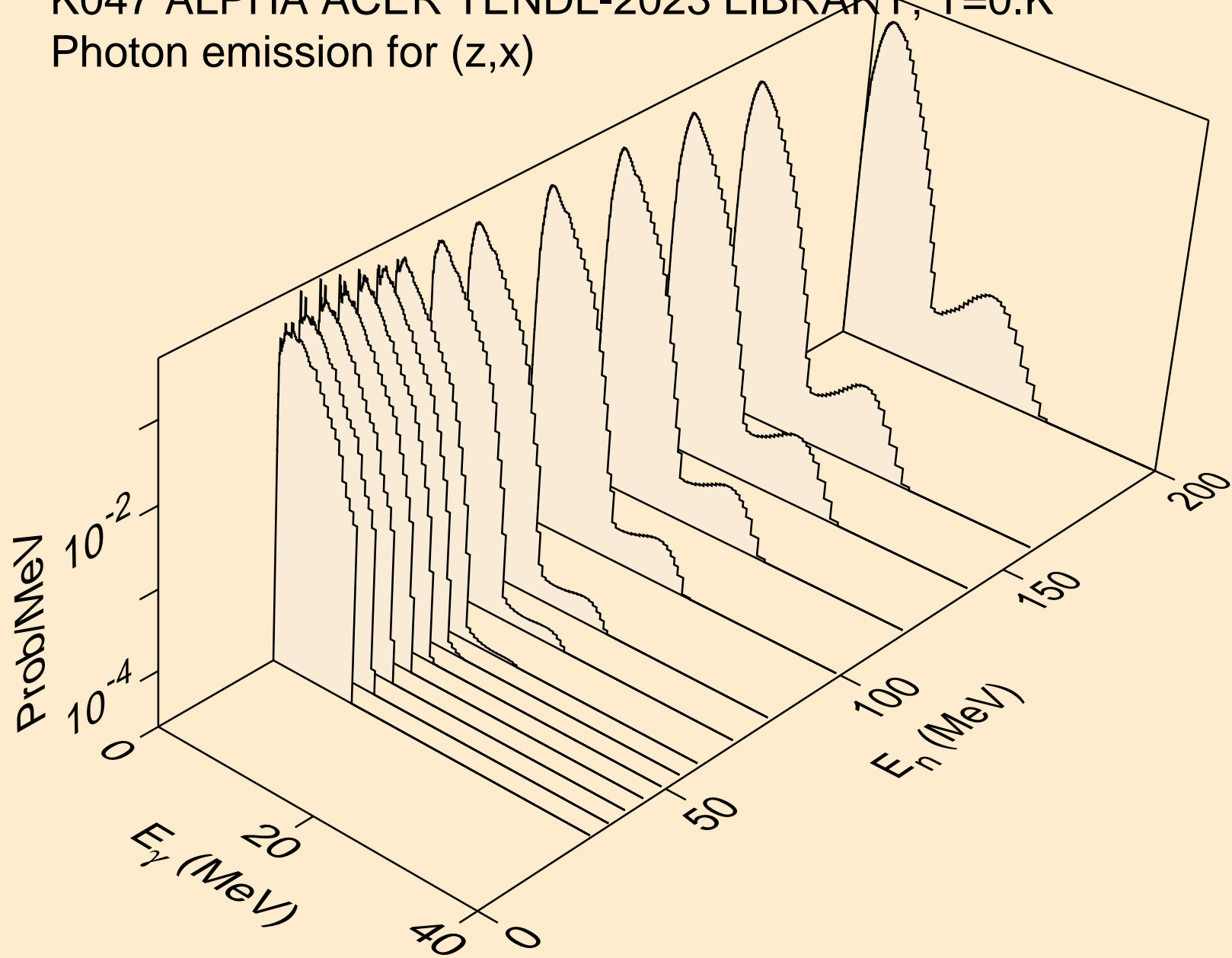


K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

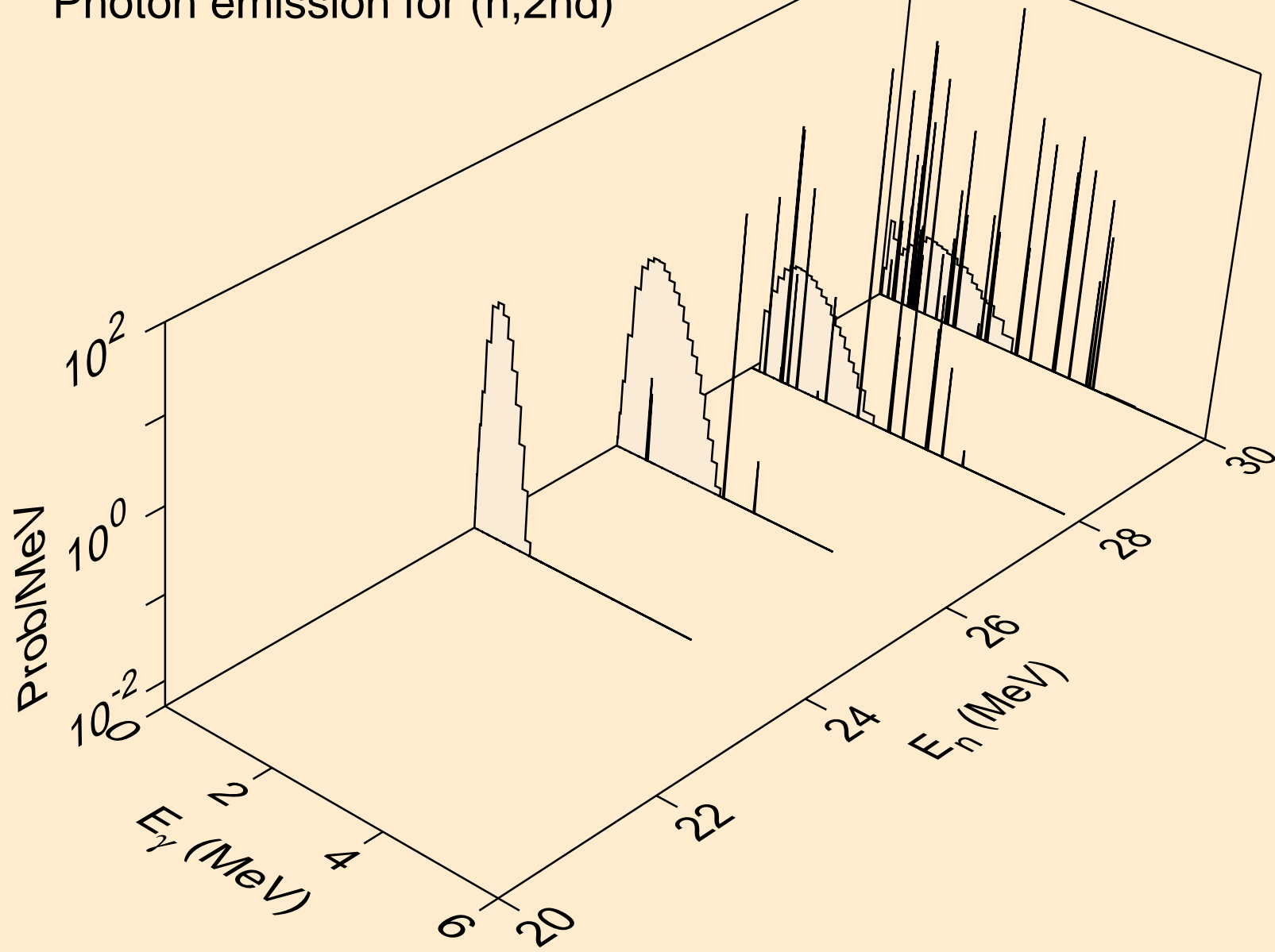


K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

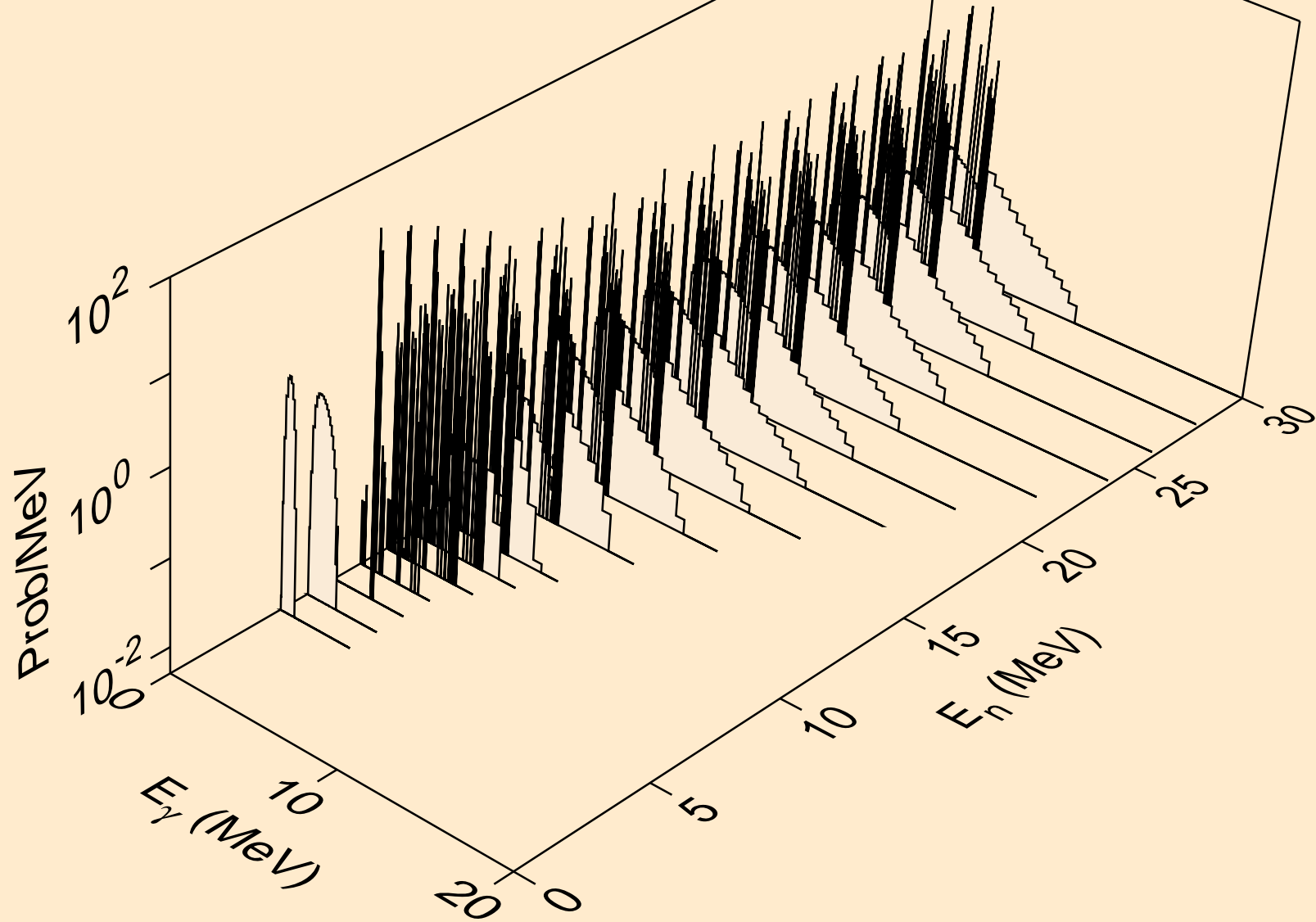
Photon emission for (z,x)



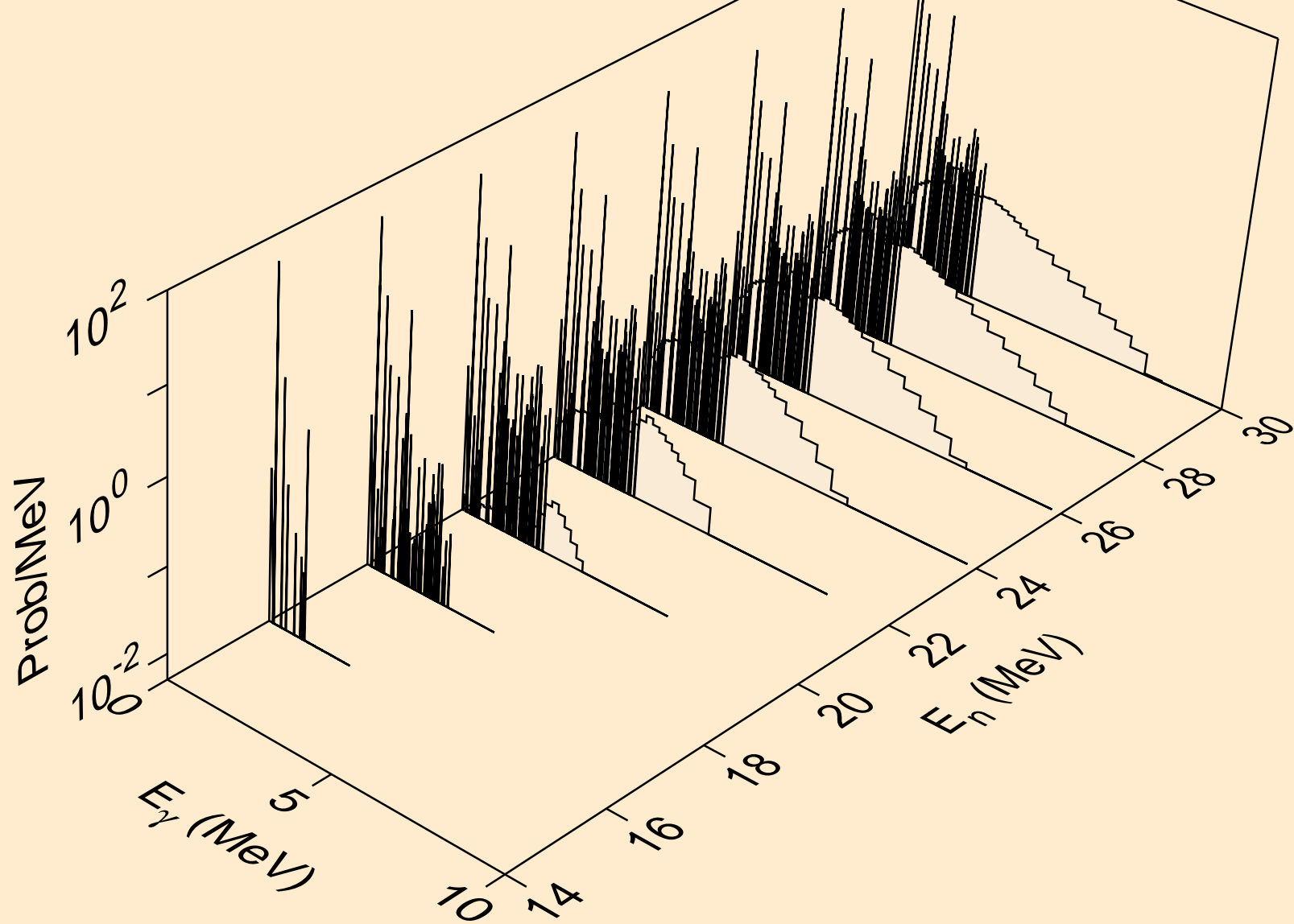
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



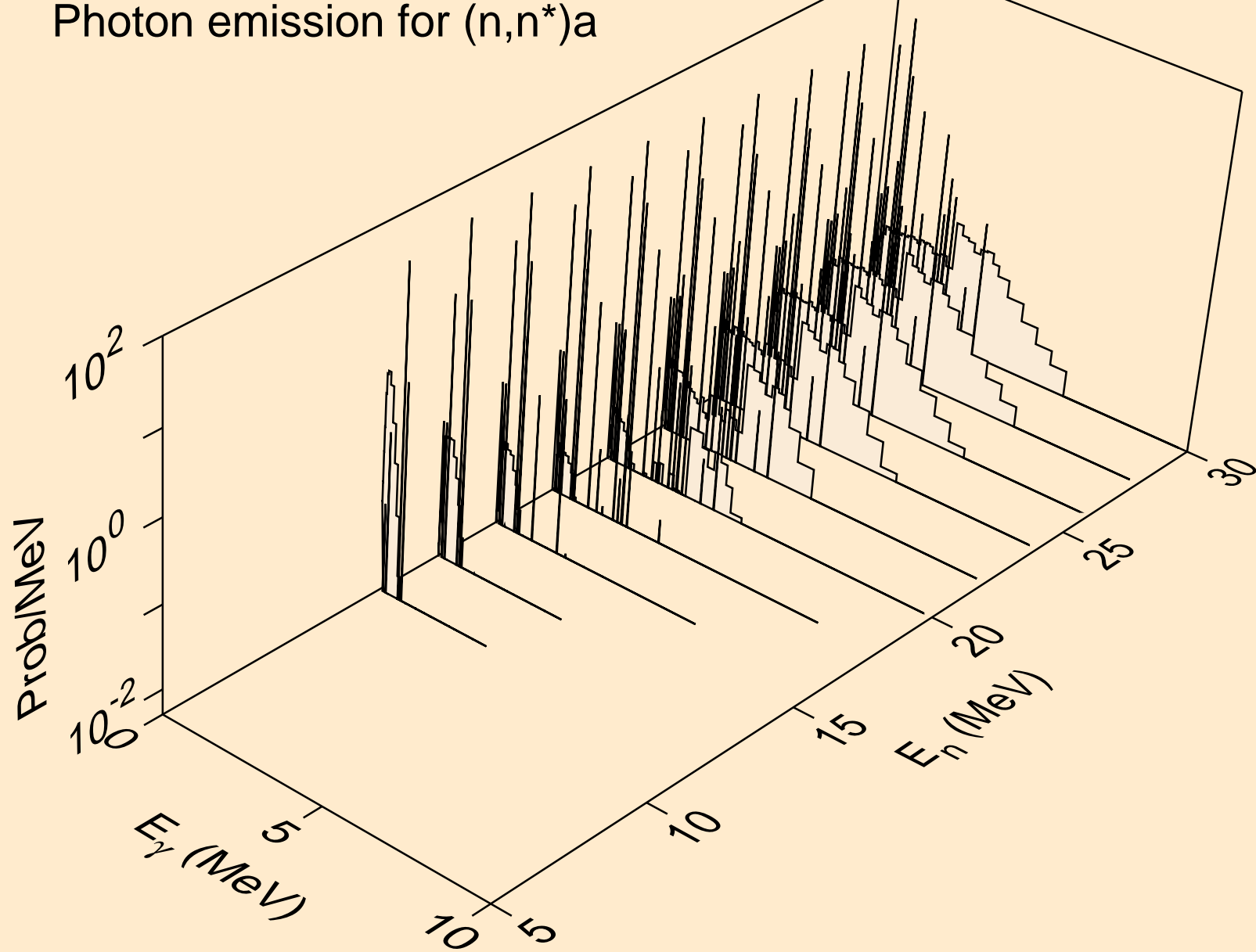
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



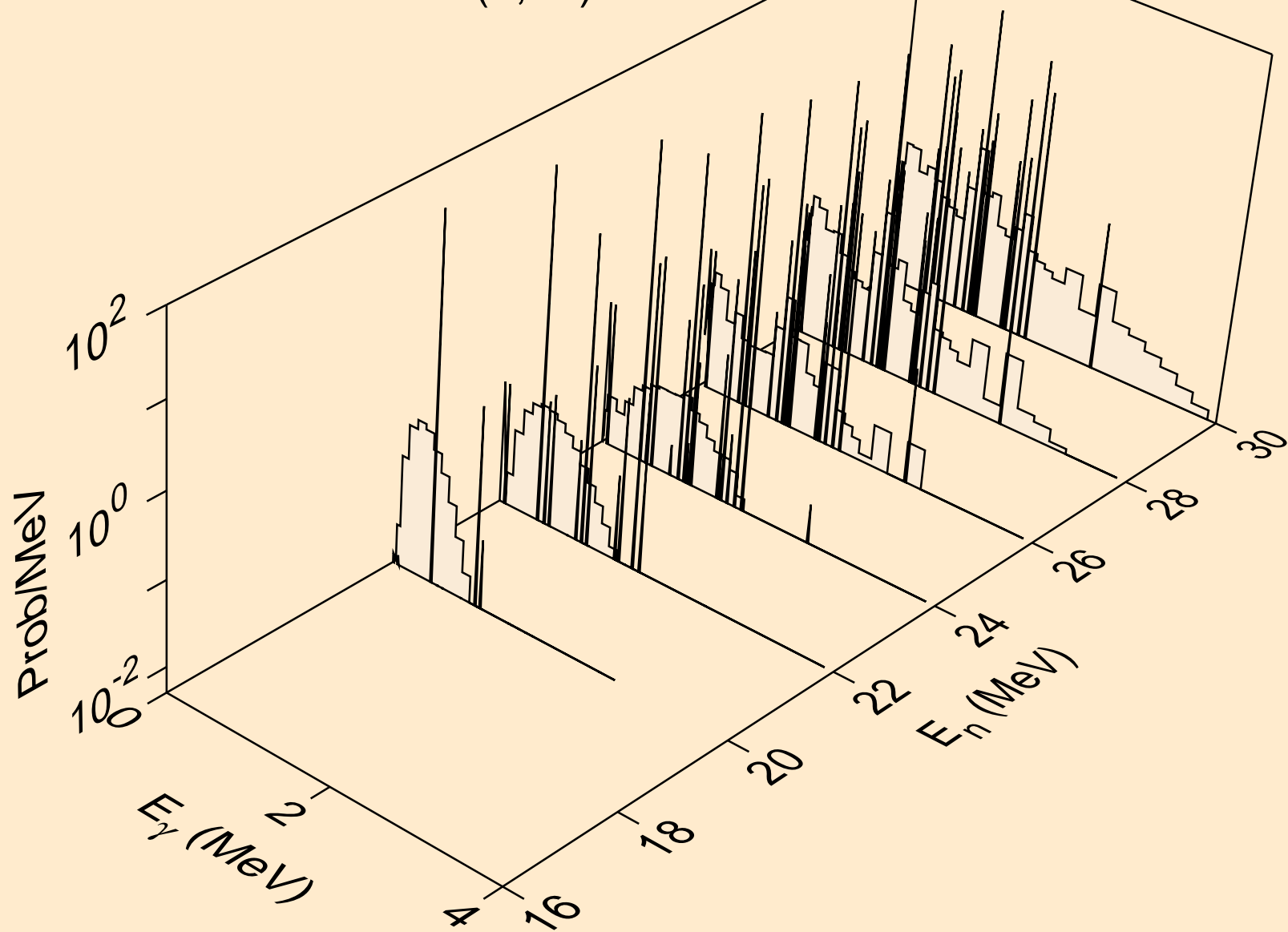
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



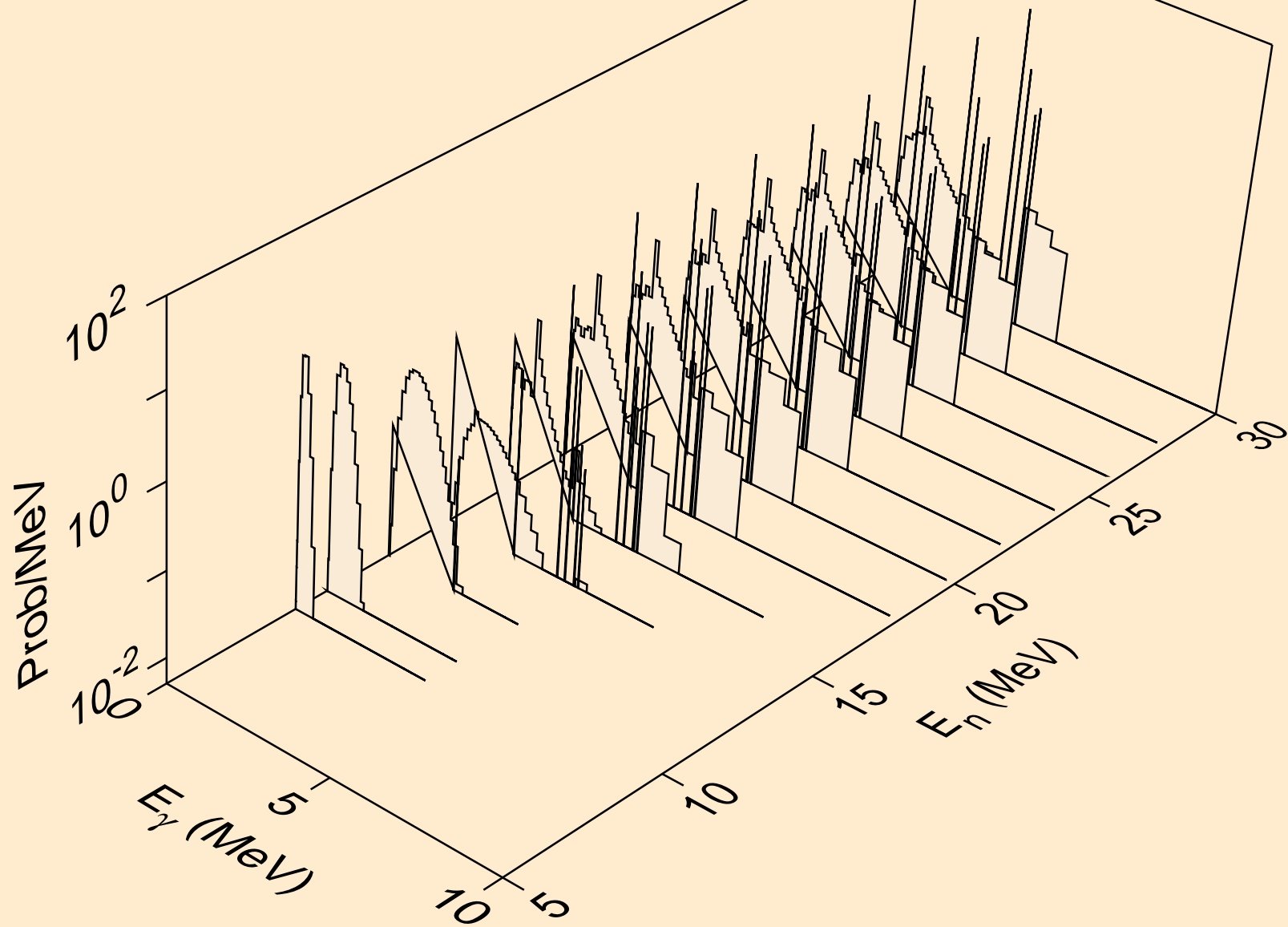
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



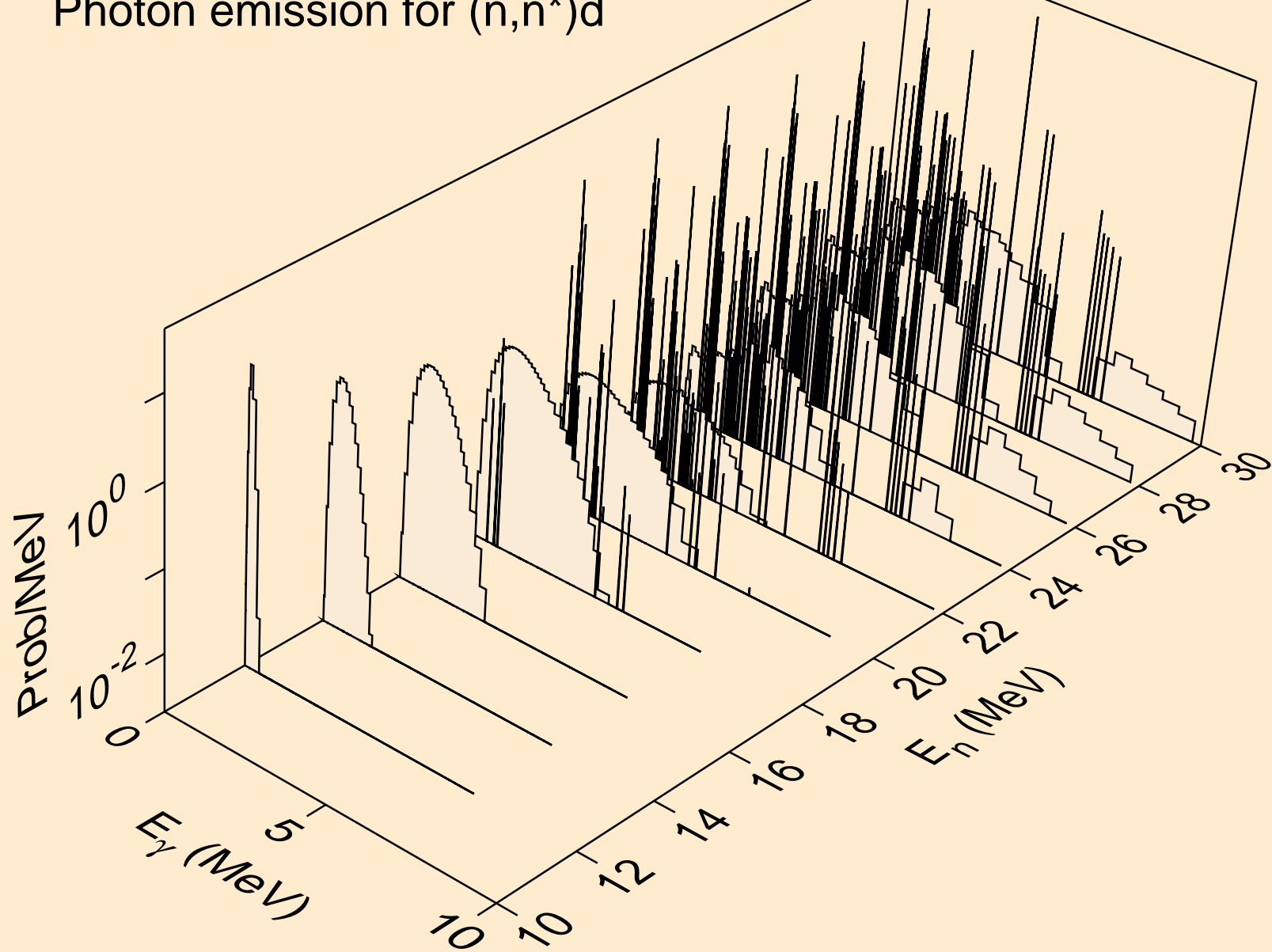
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



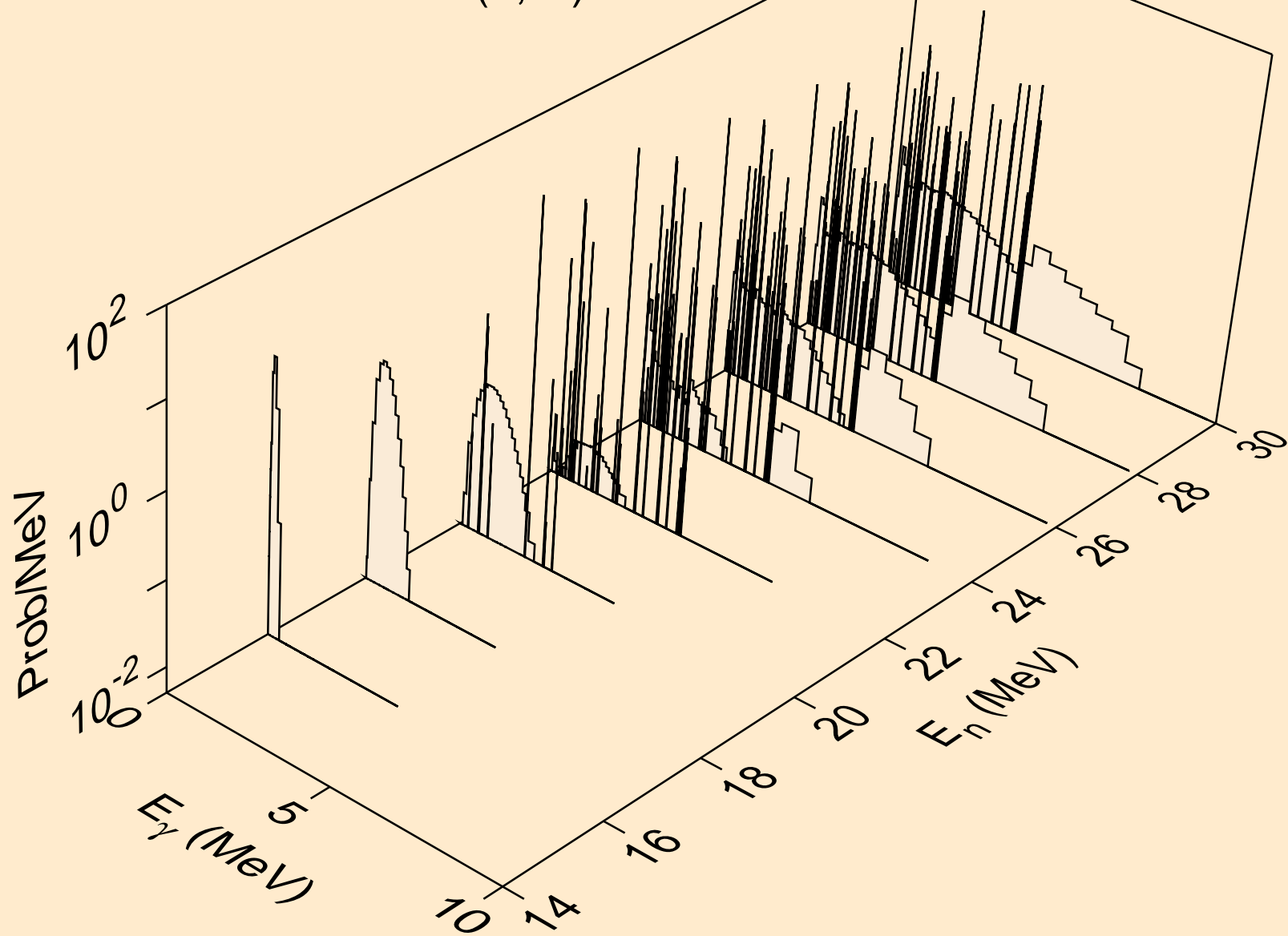


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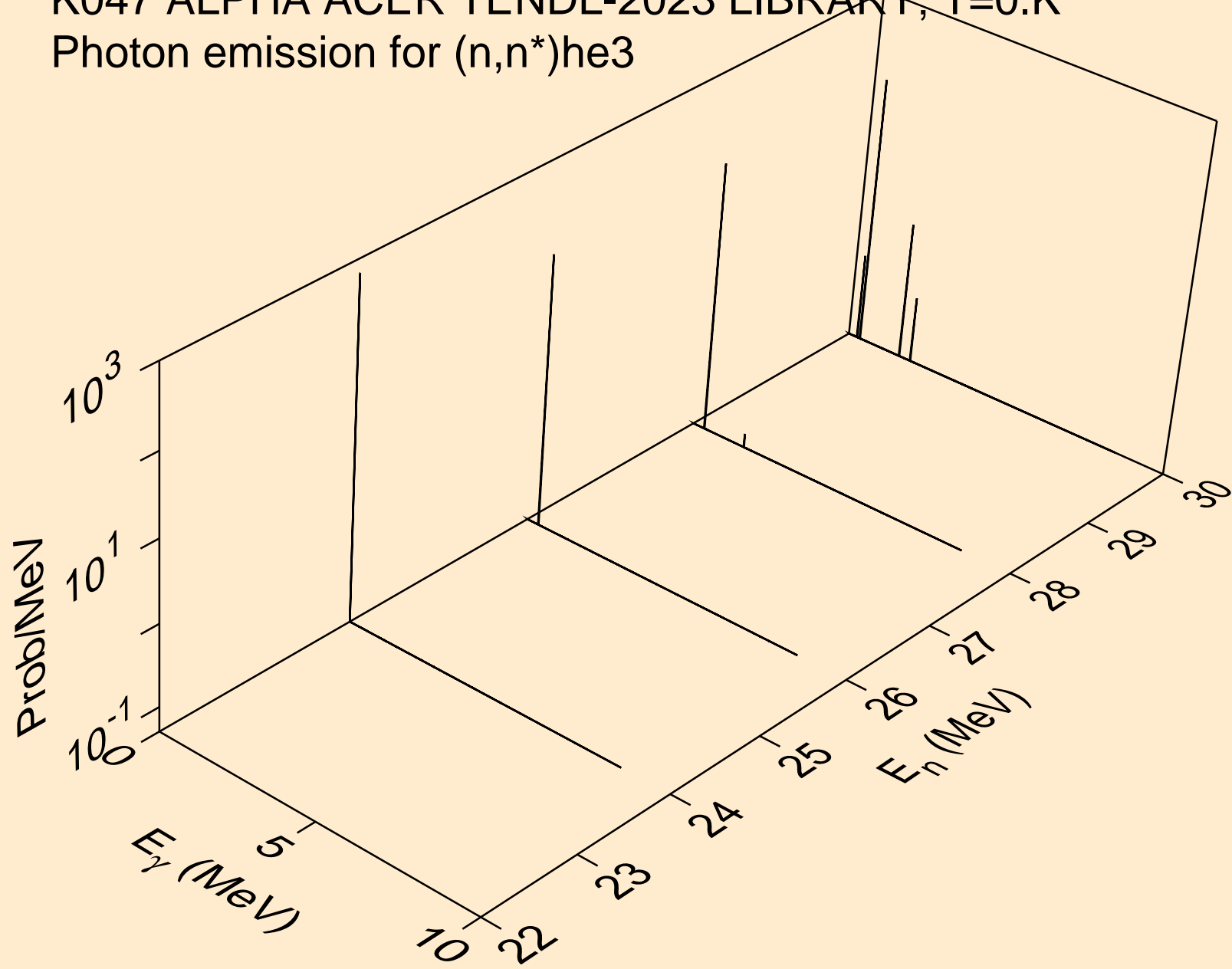
Photon emission for (n,n\*)d



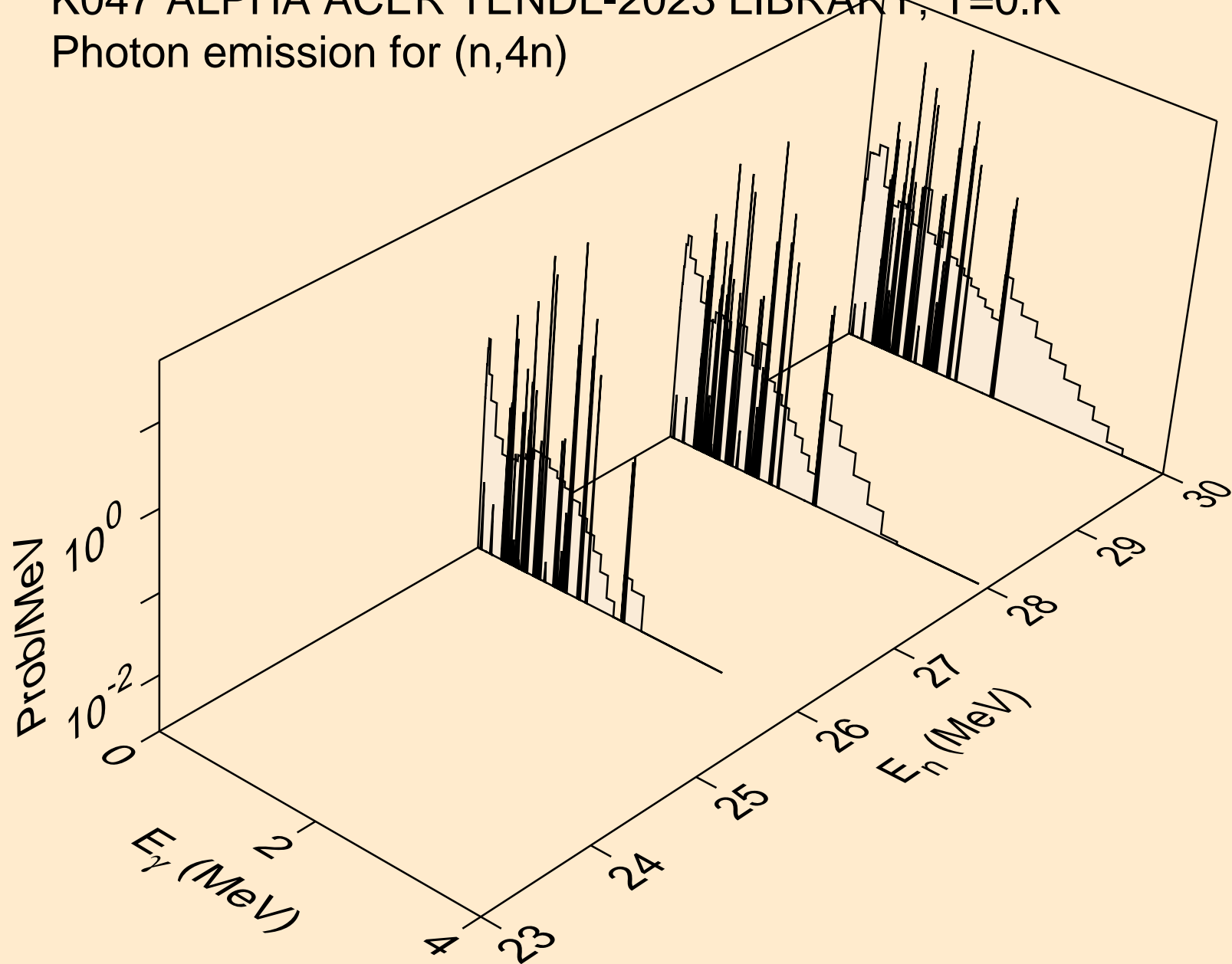
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



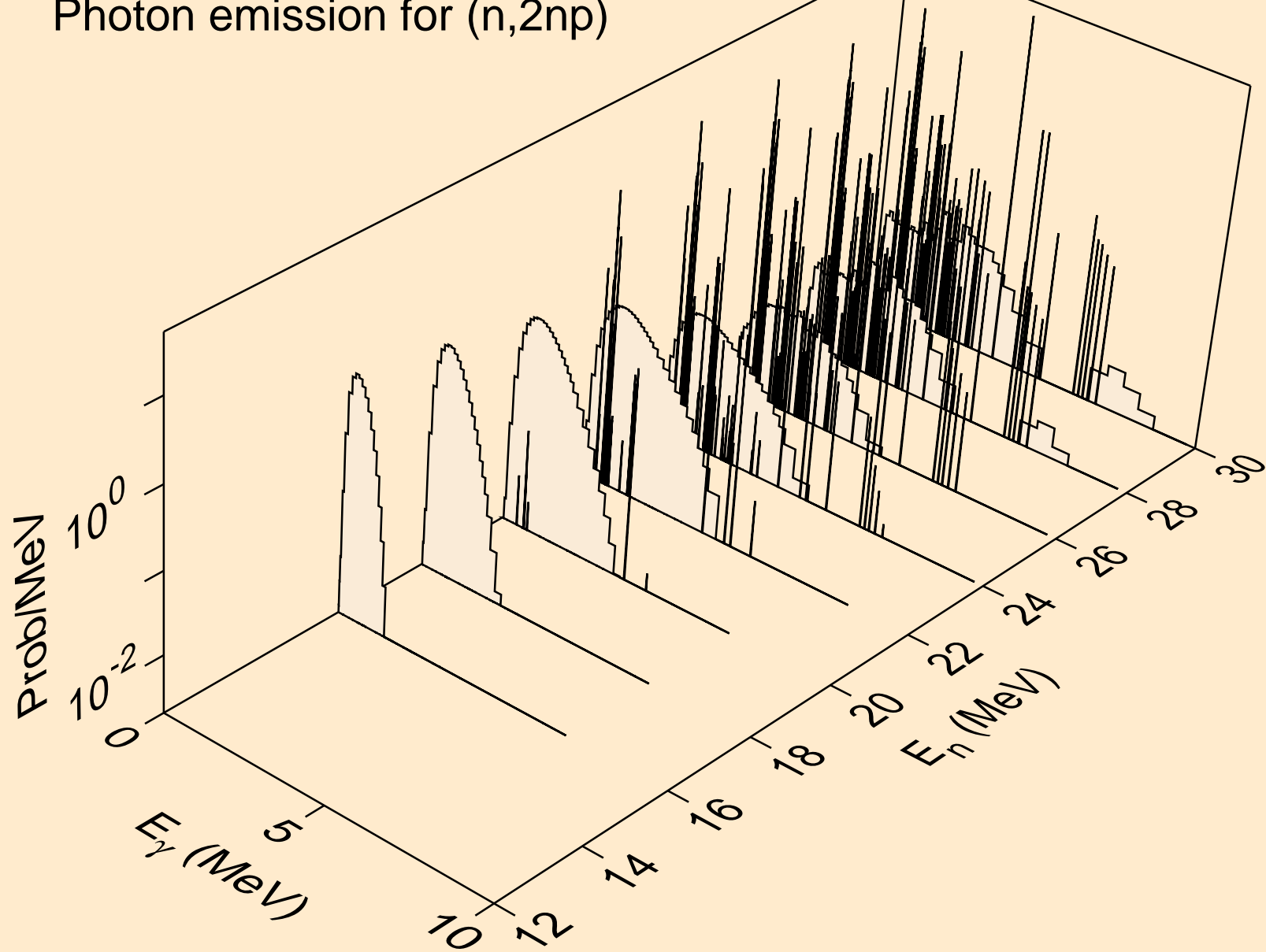
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



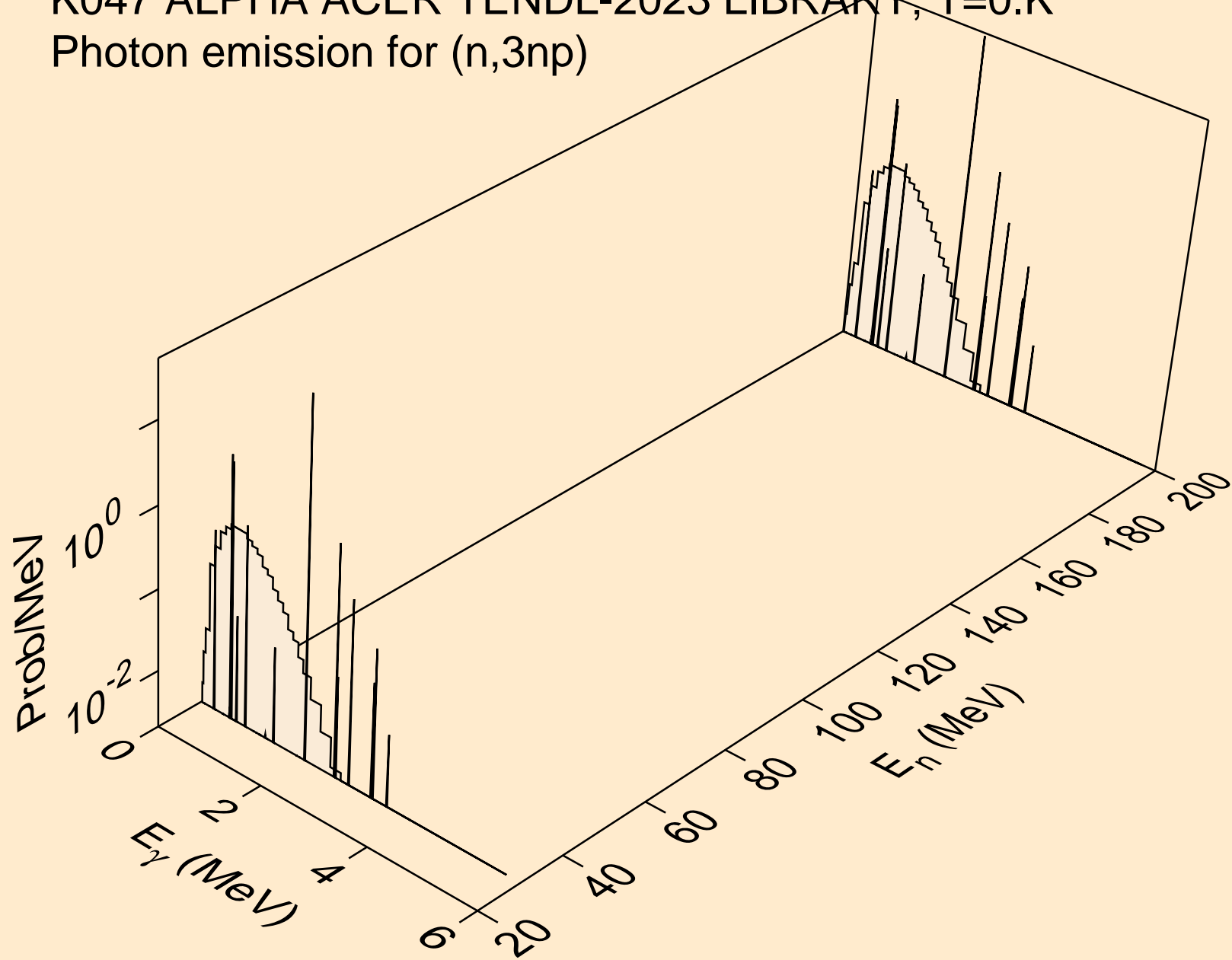
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



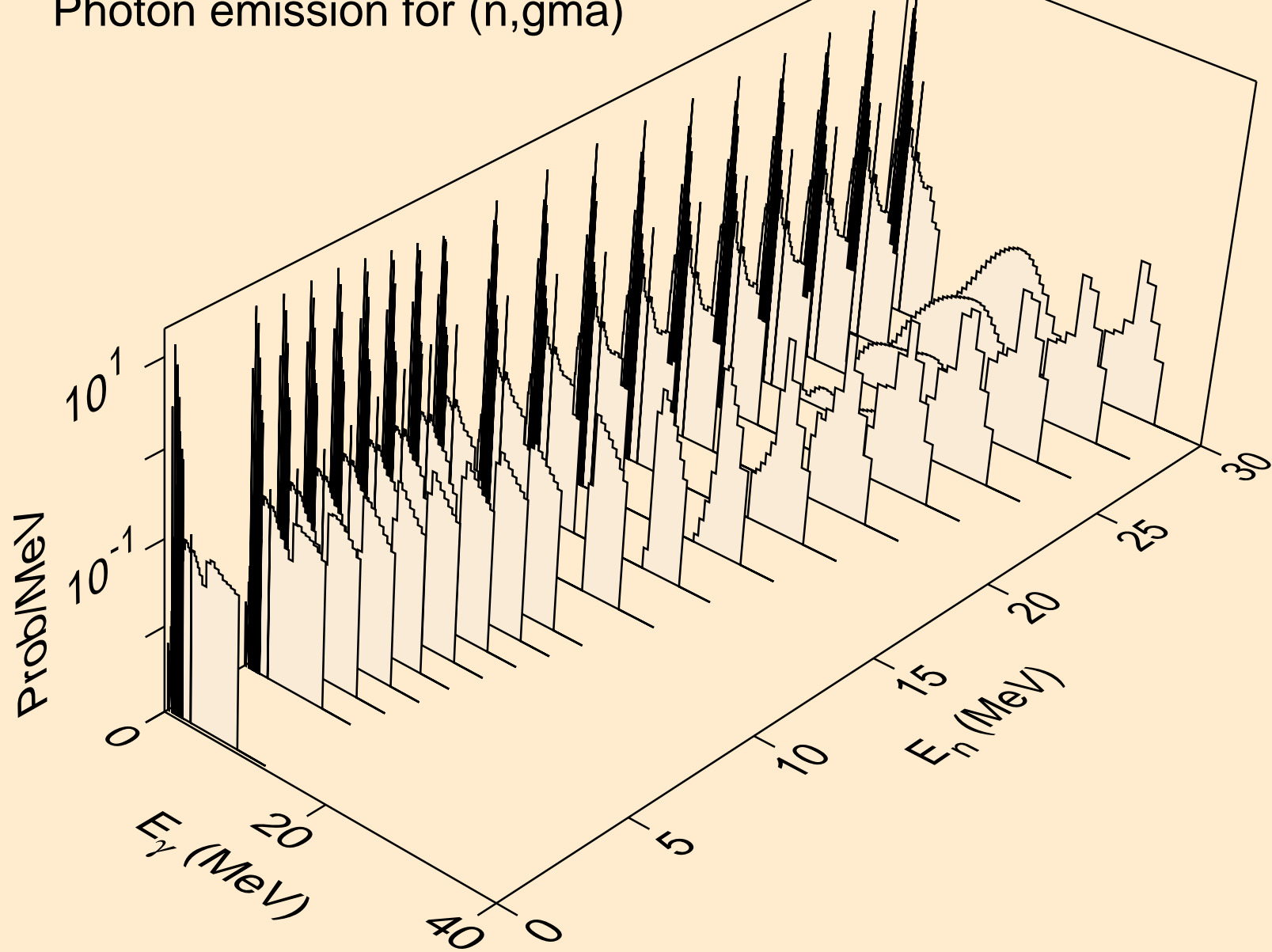
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Photon emission for (n,2np)



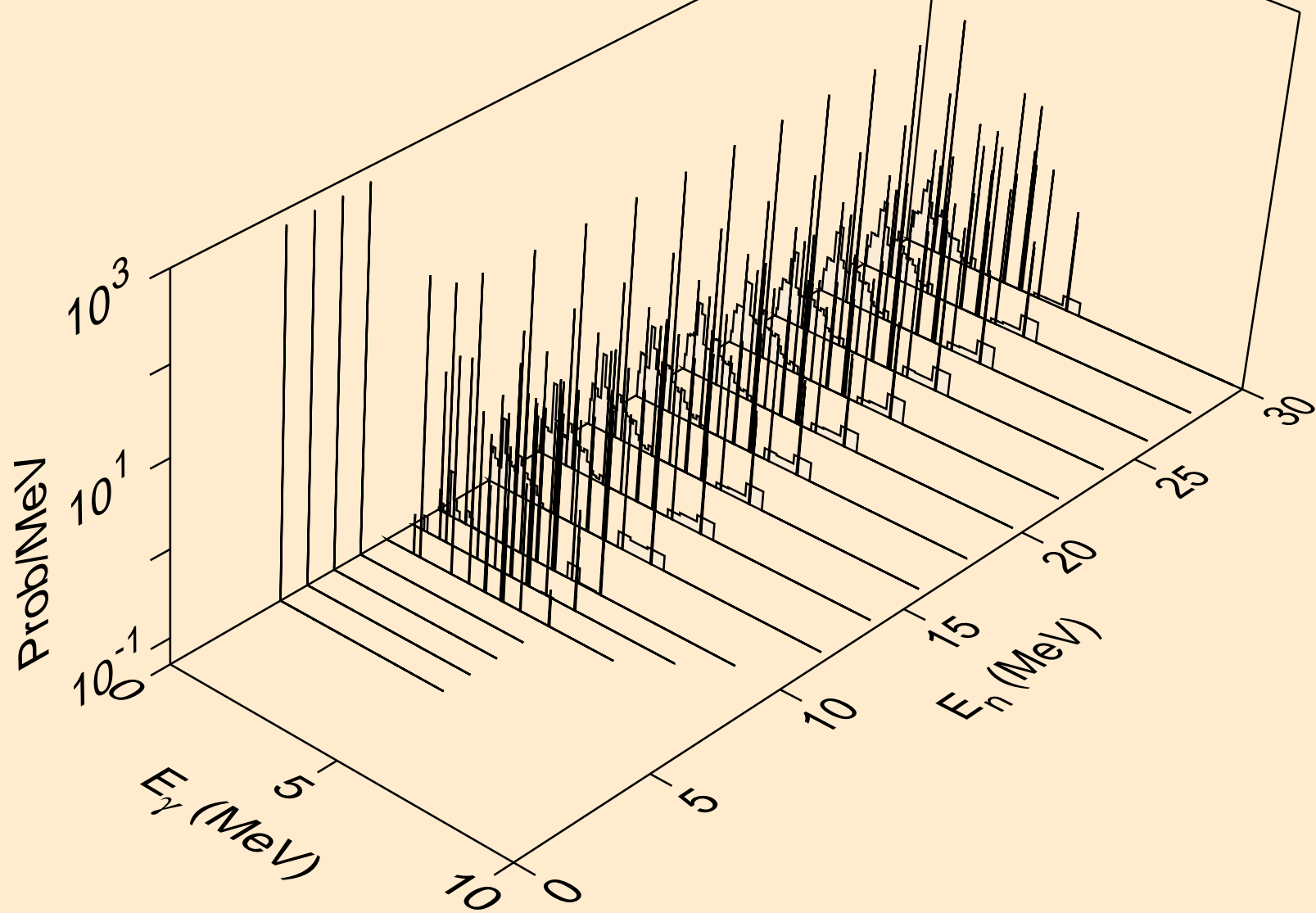
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

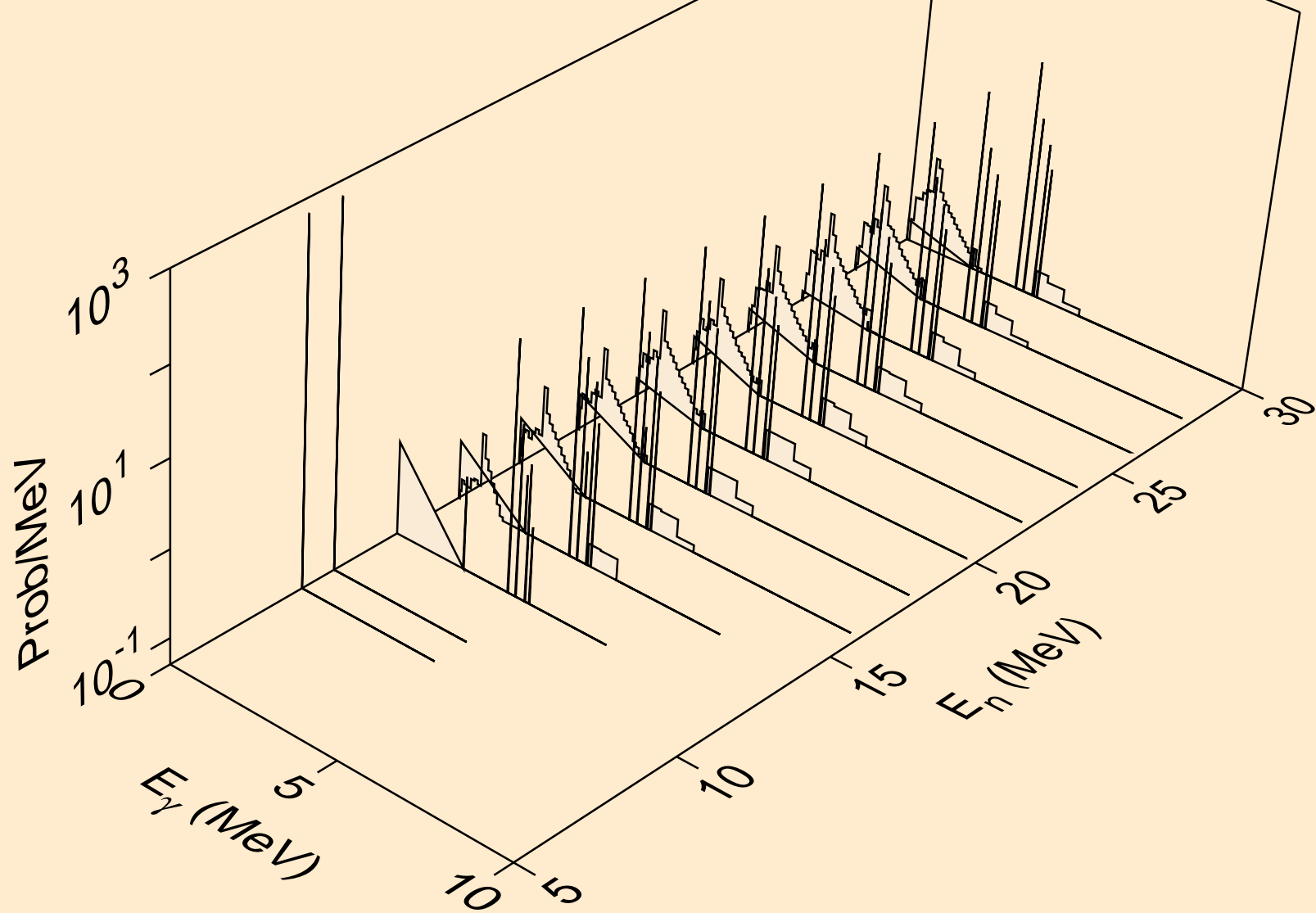


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Photon emission for (n,p)

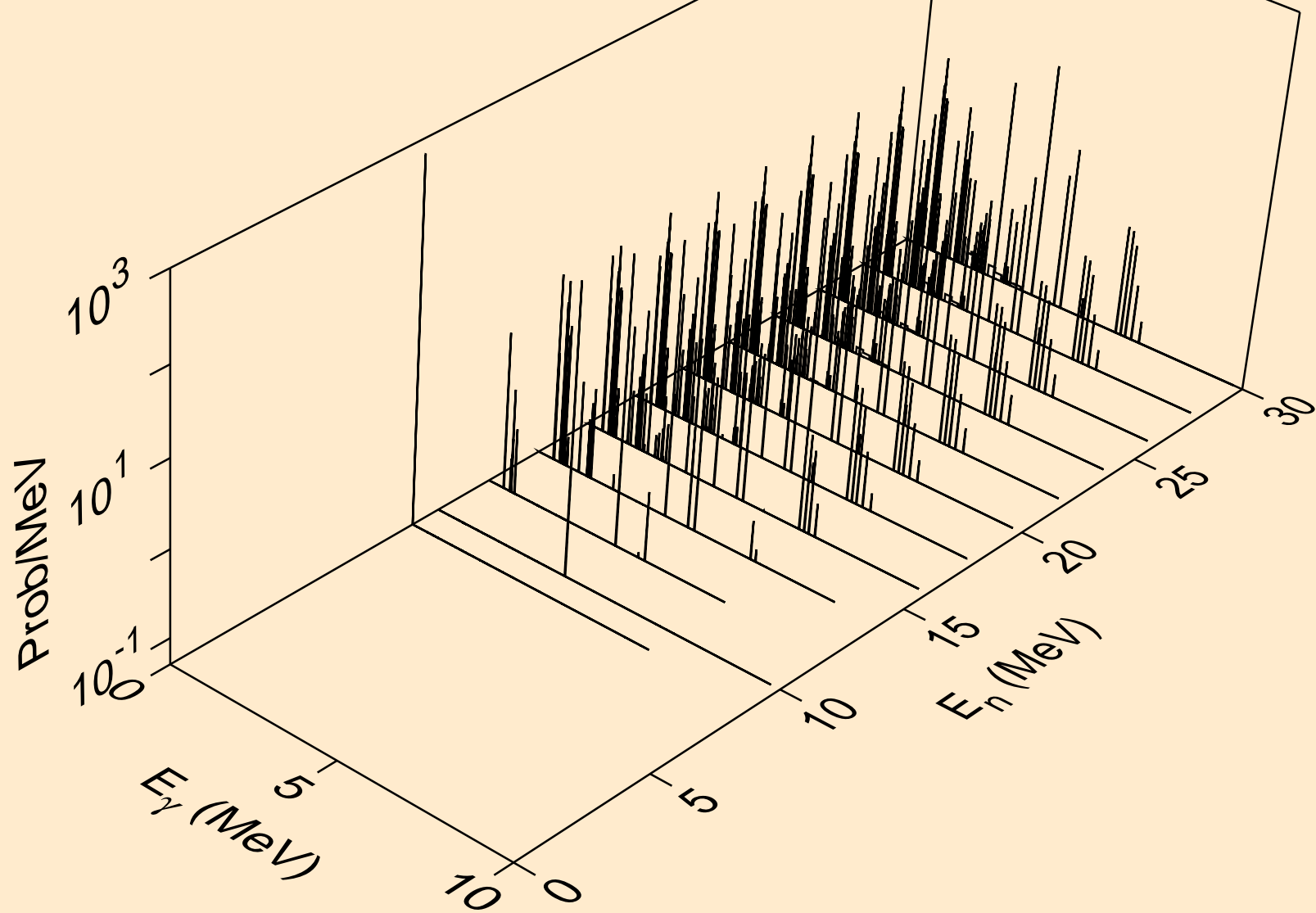




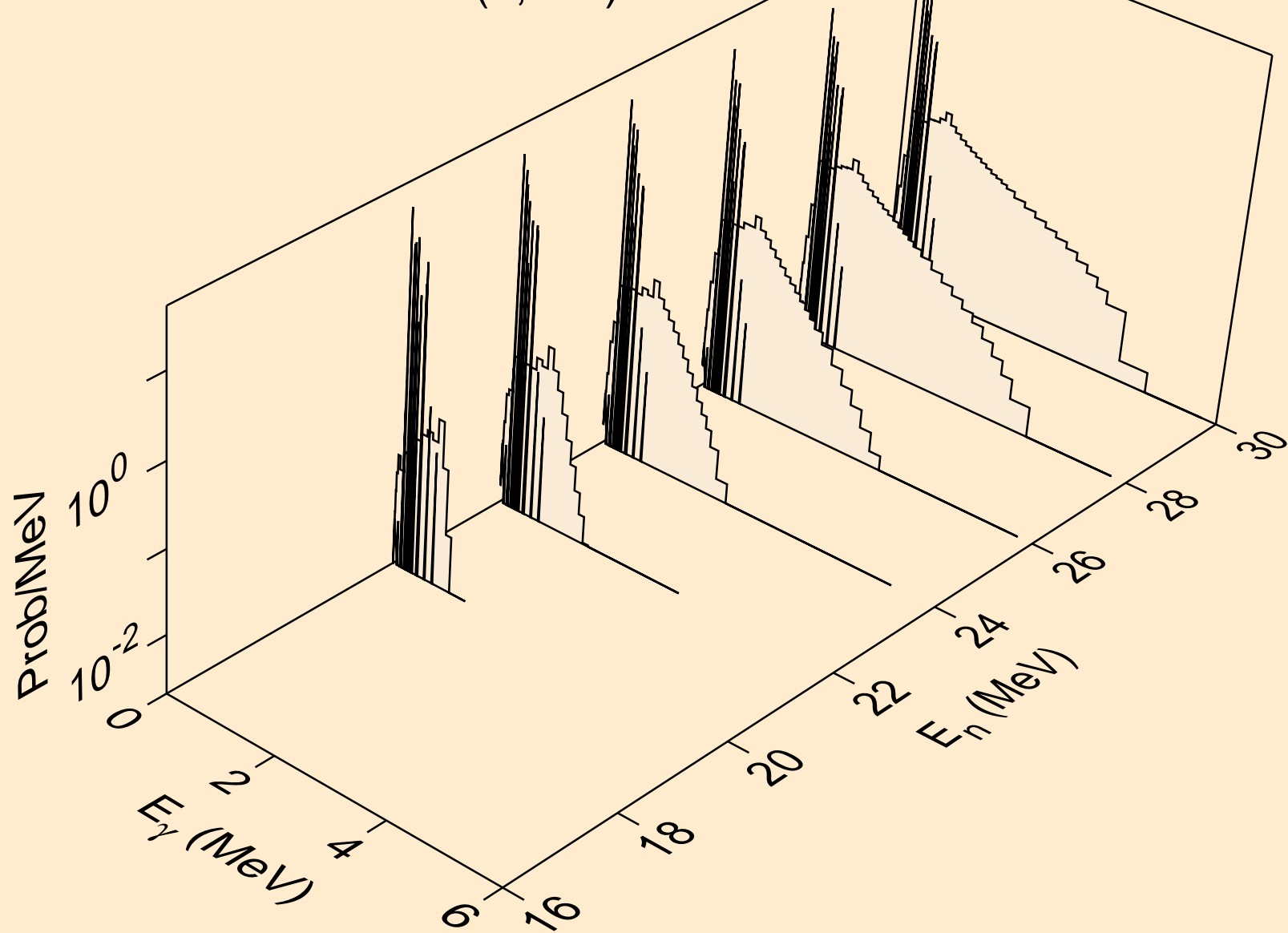
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Photon emission for (n,d)



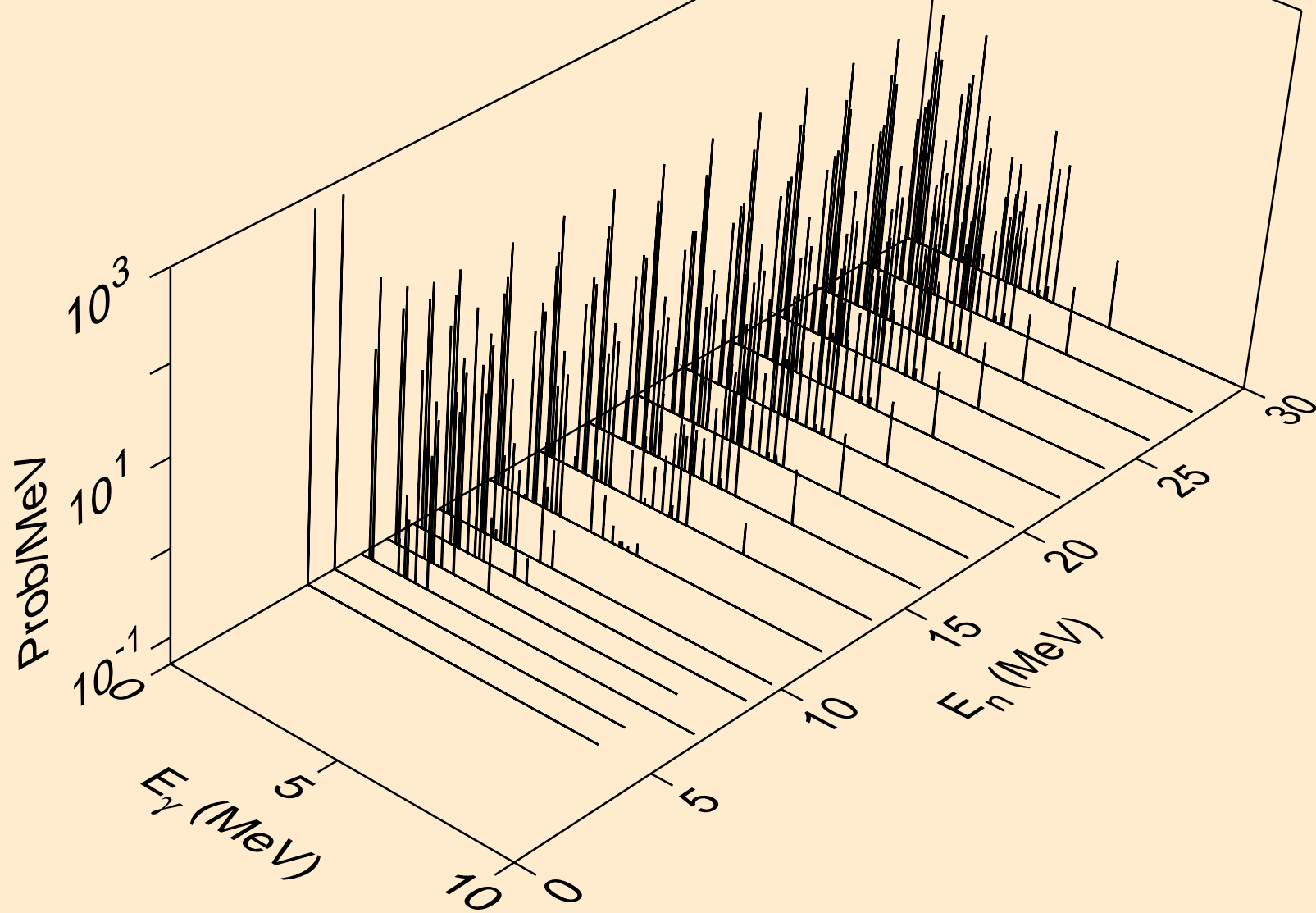
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Photon emission for (n,t)



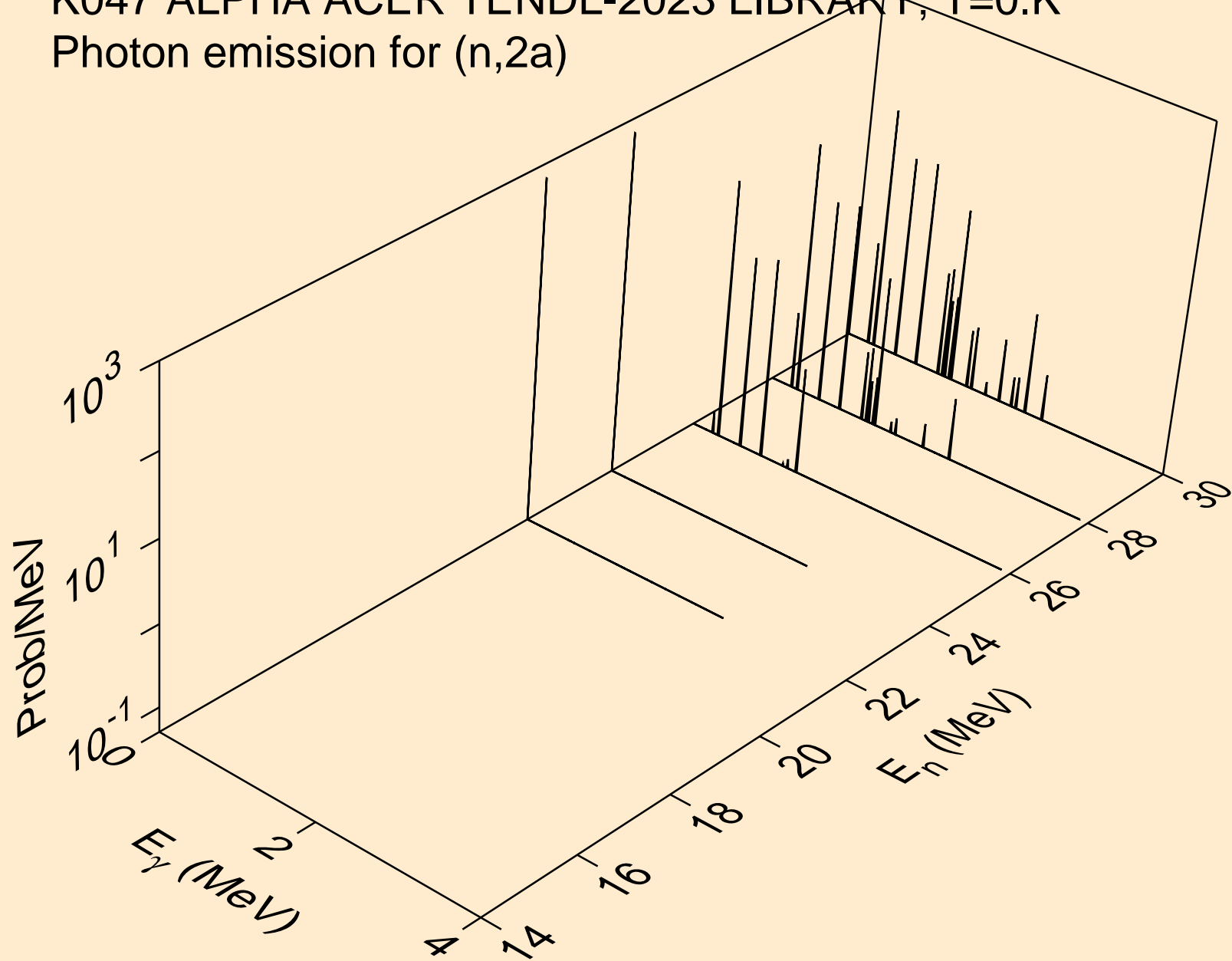
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Photon emission for (n,he3)



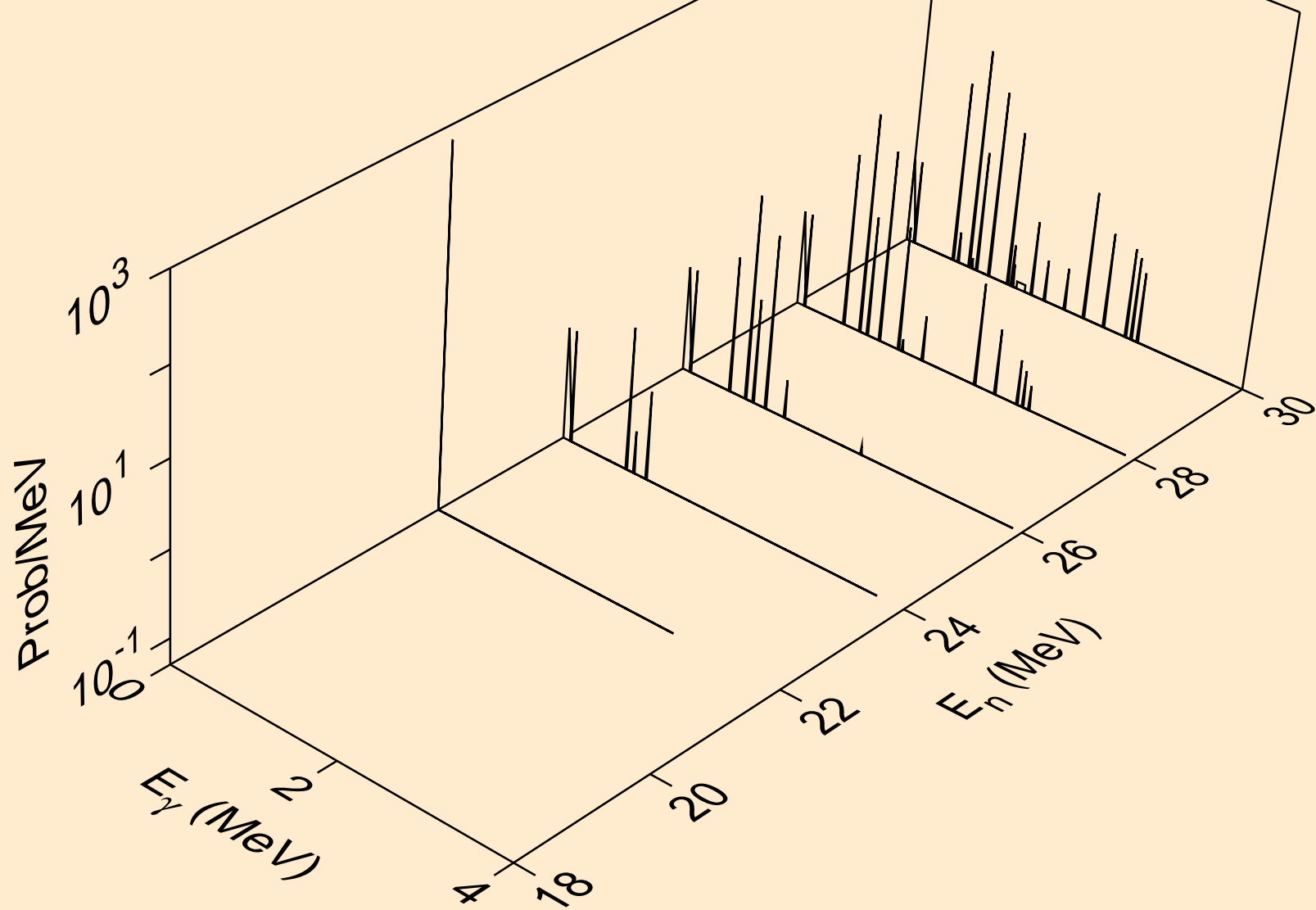
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



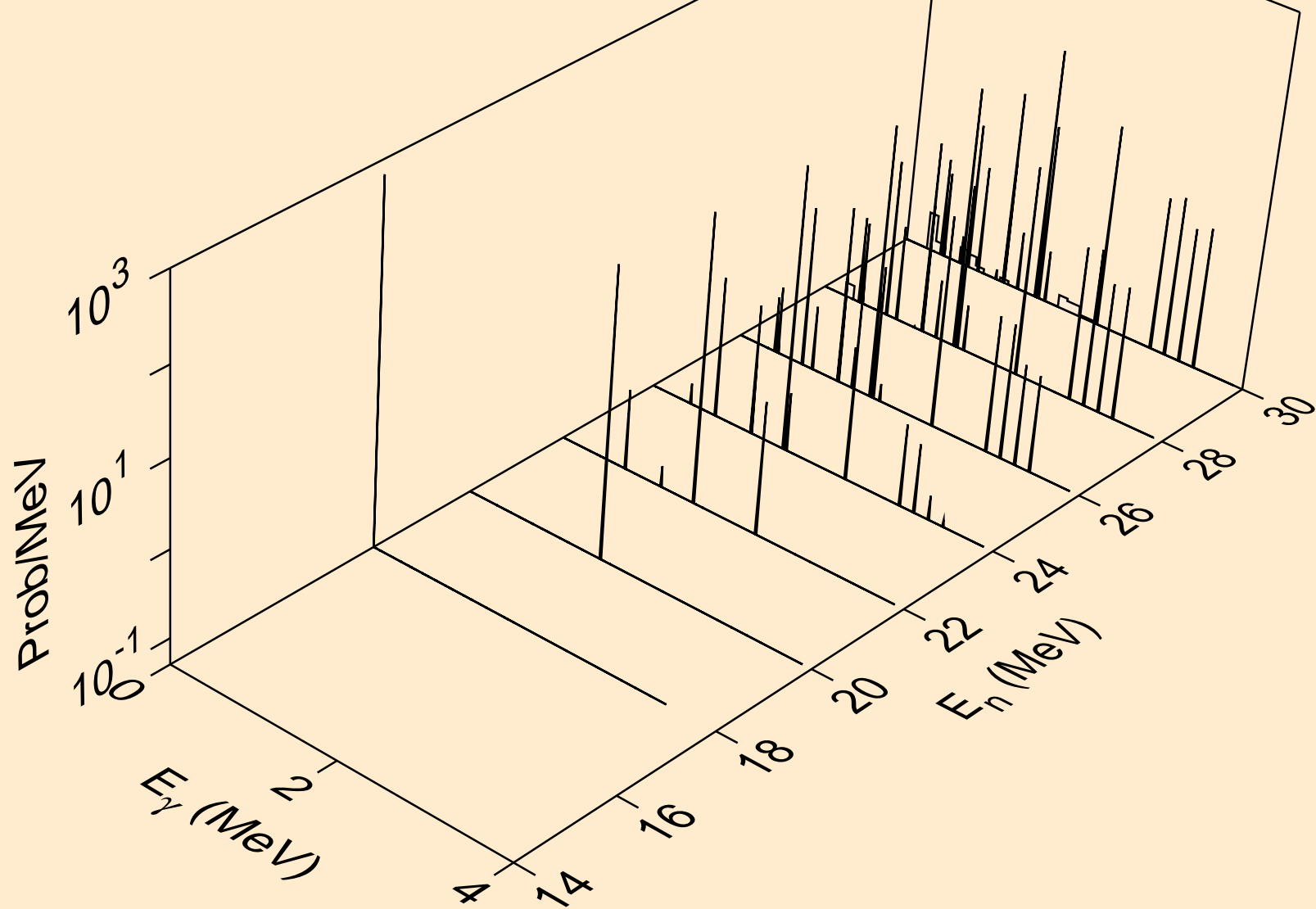
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Photon emission for (n,2a)



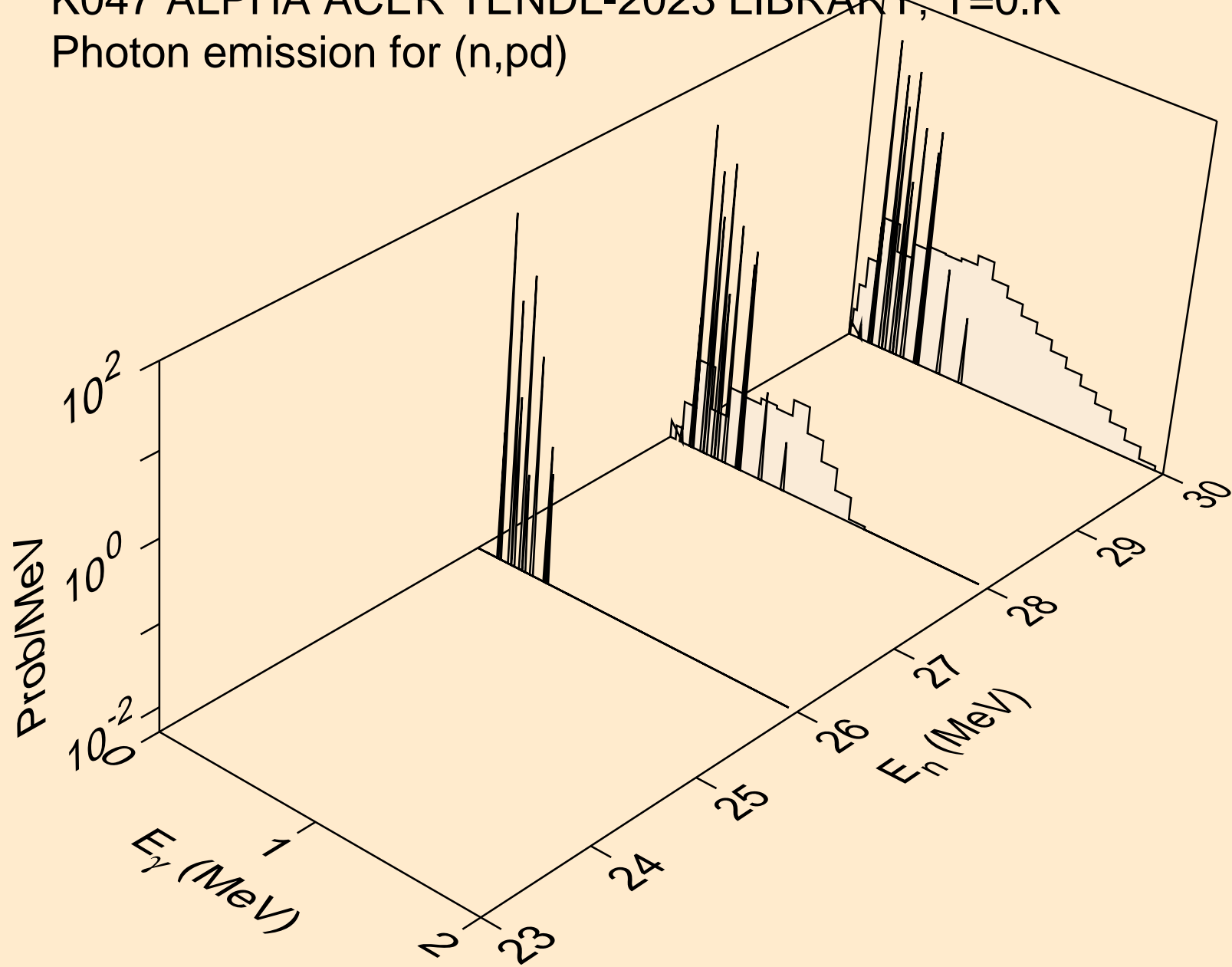
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

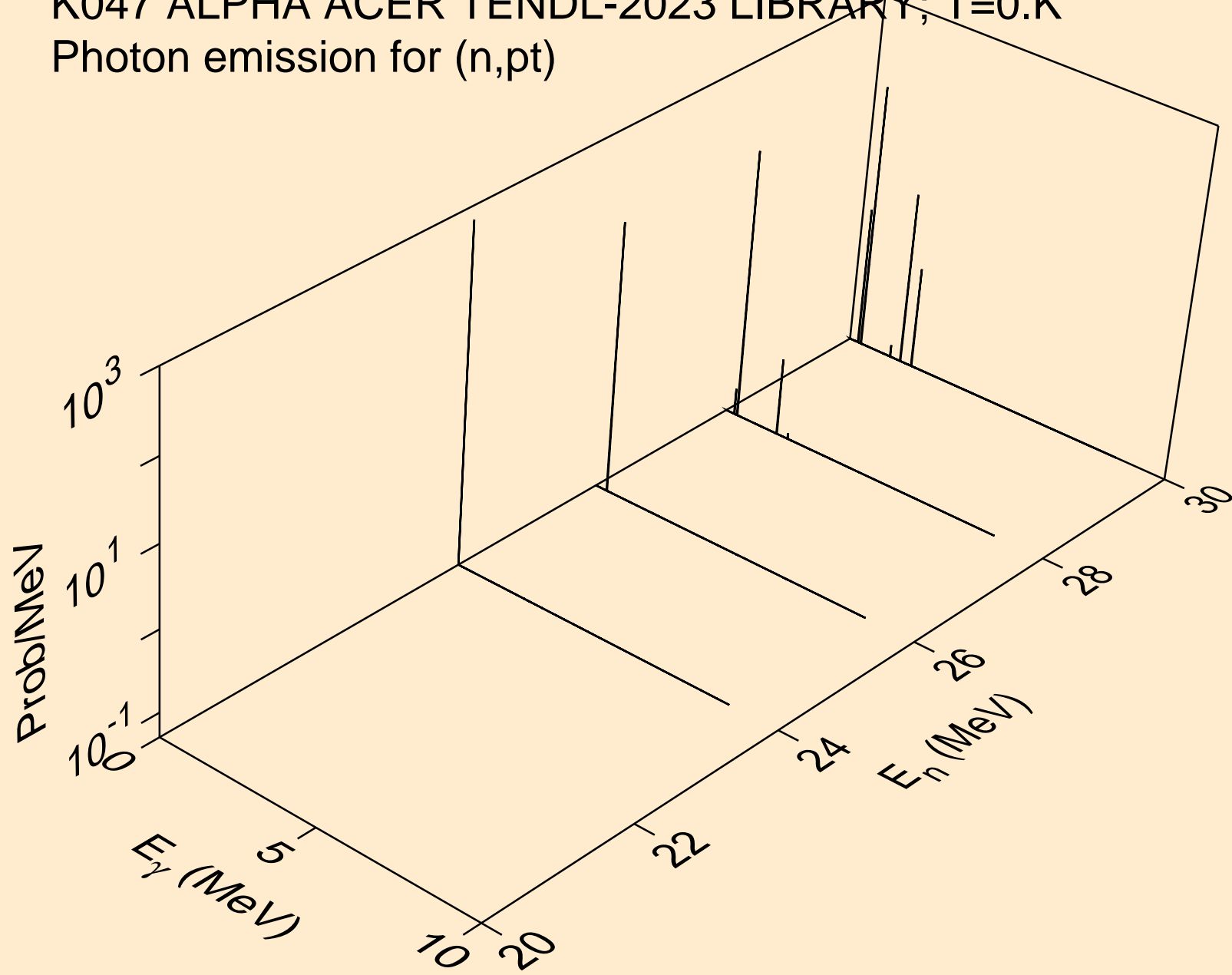


K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

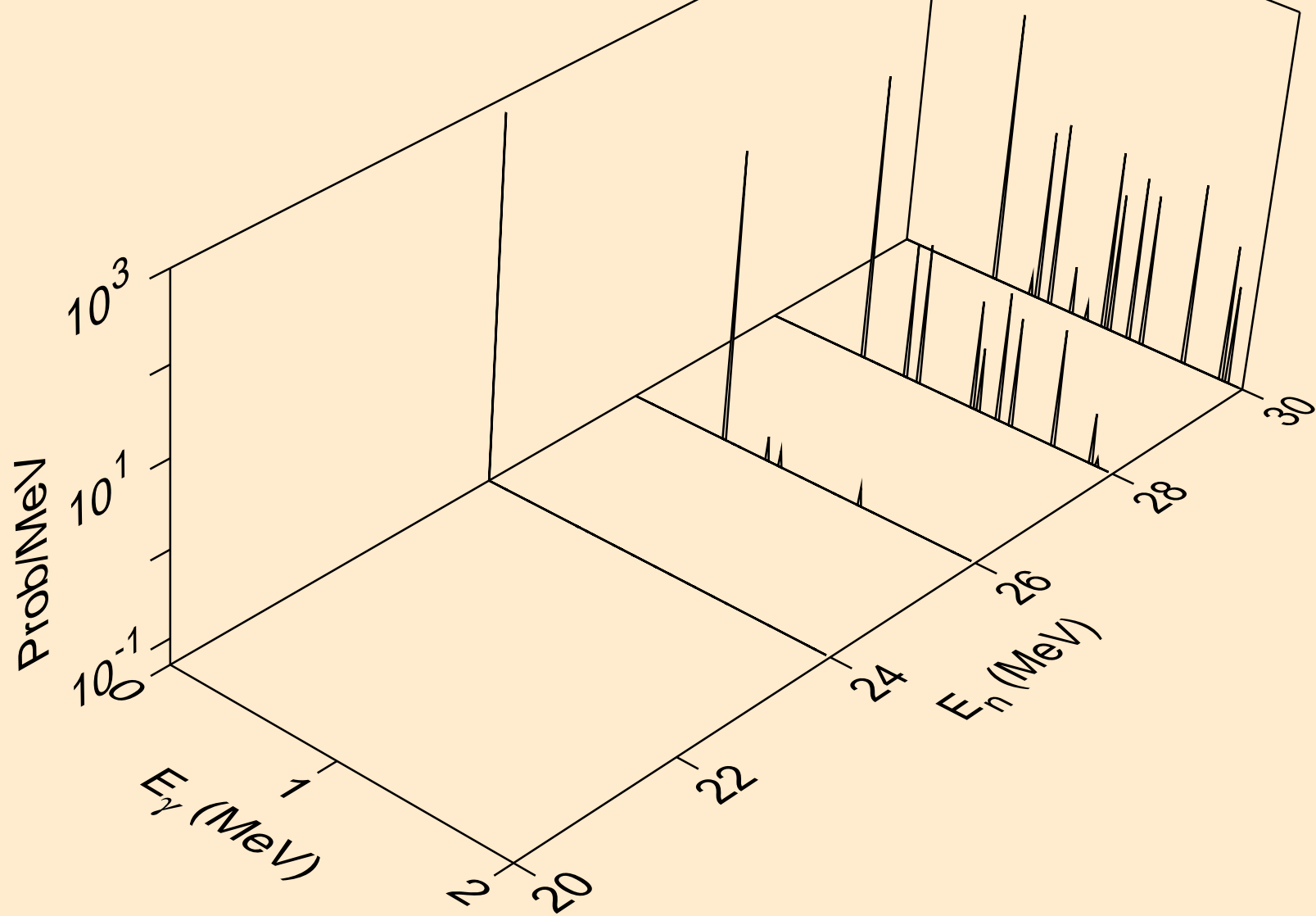




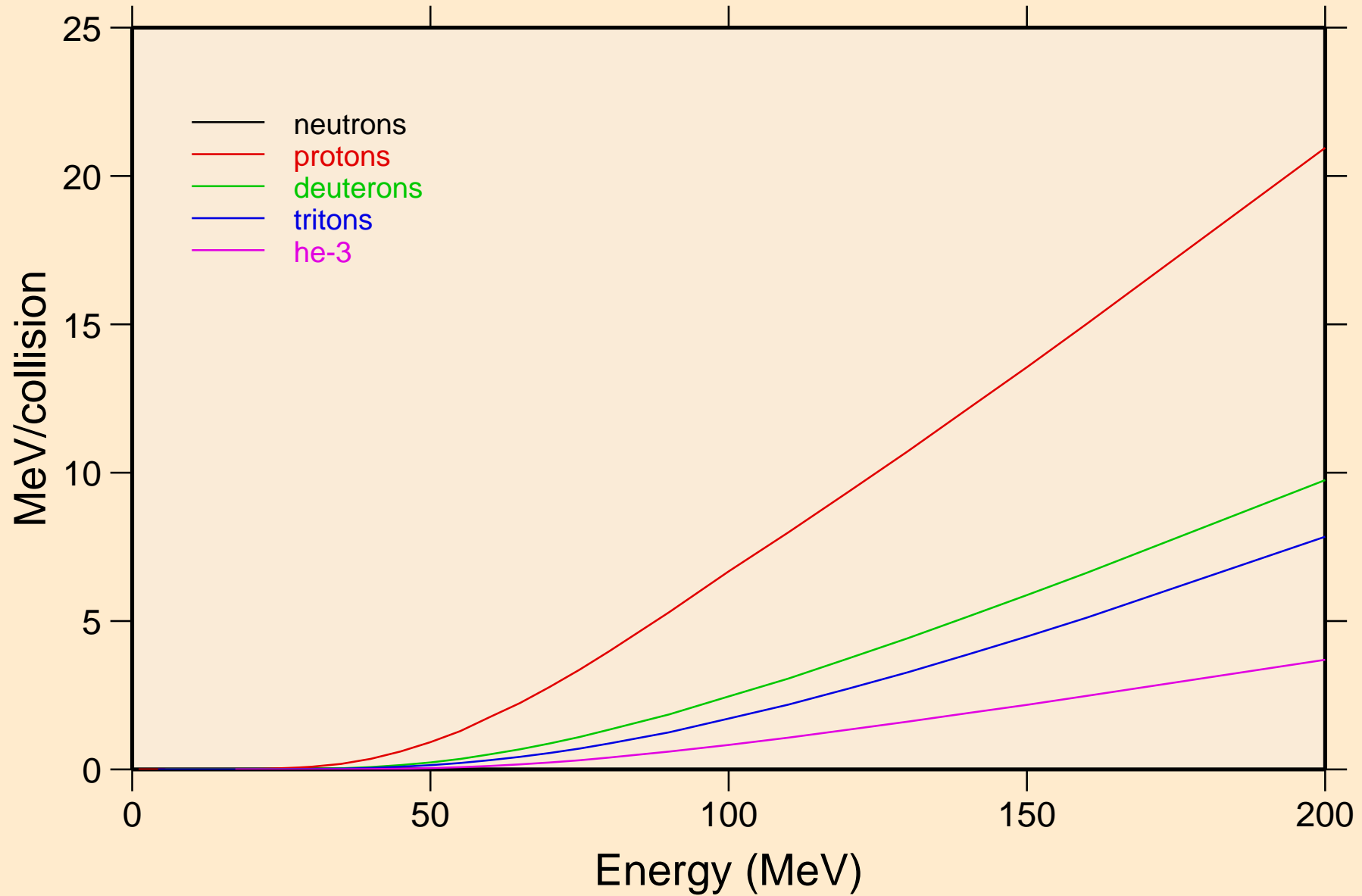
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

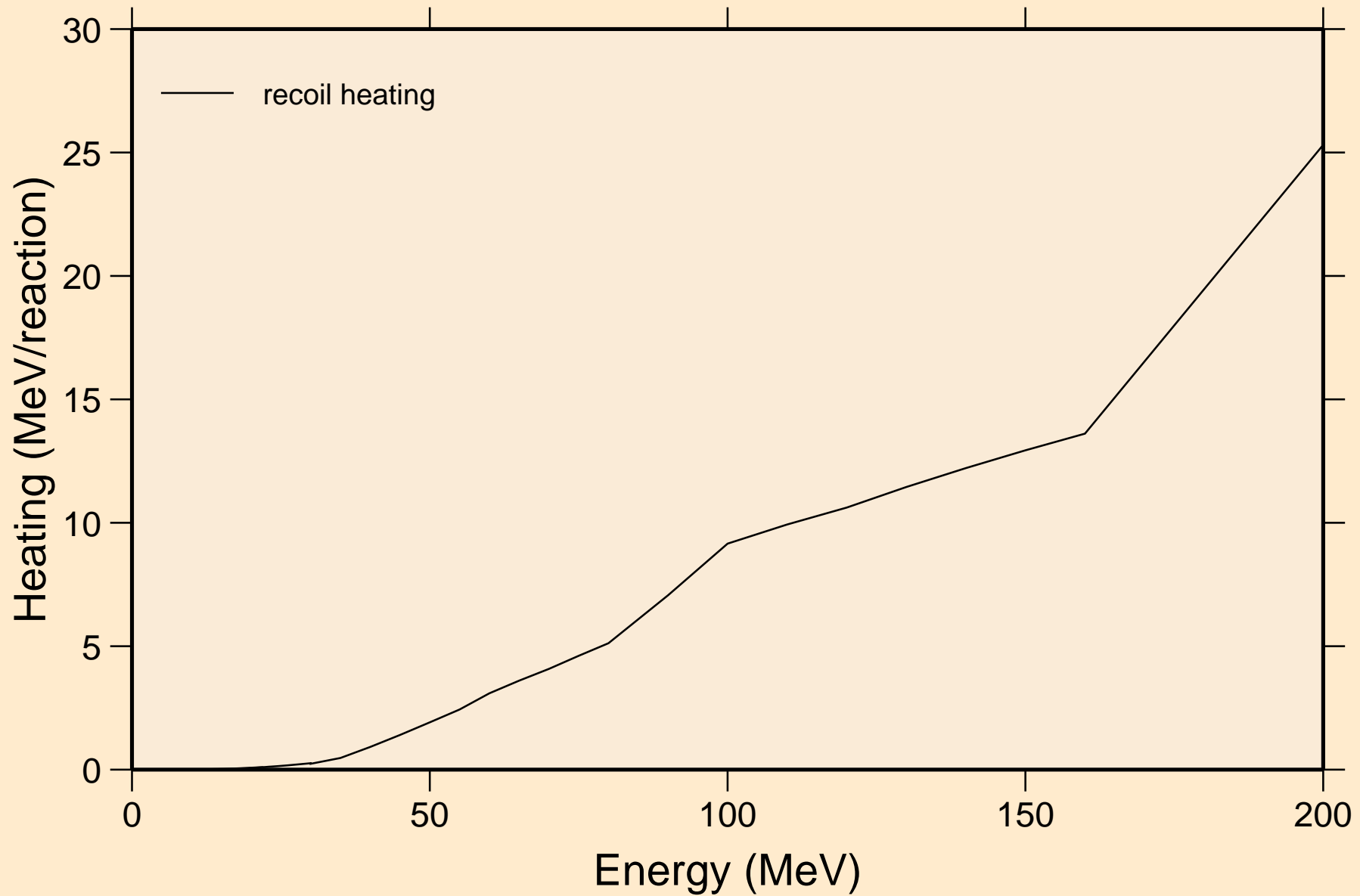


K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

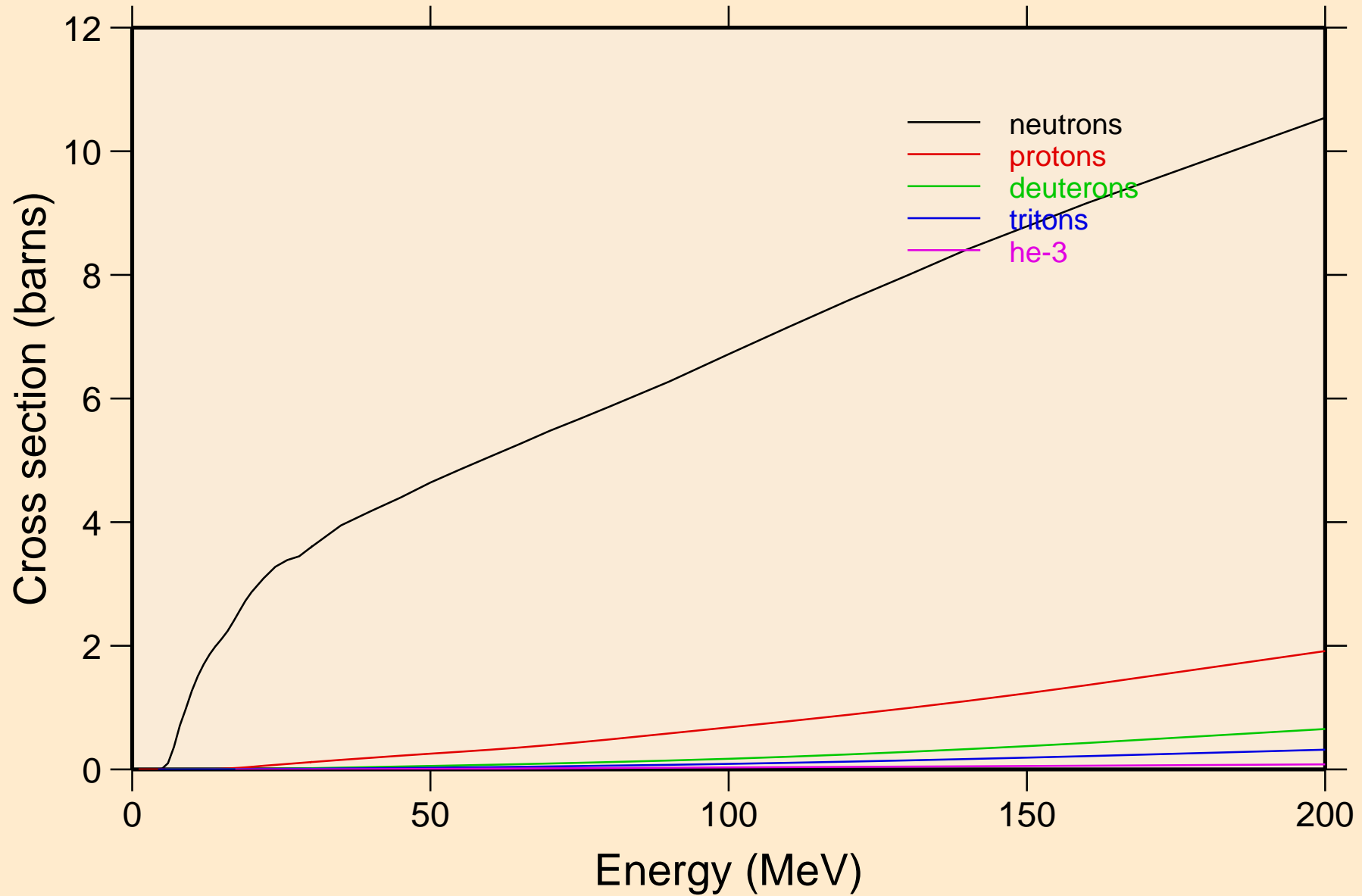


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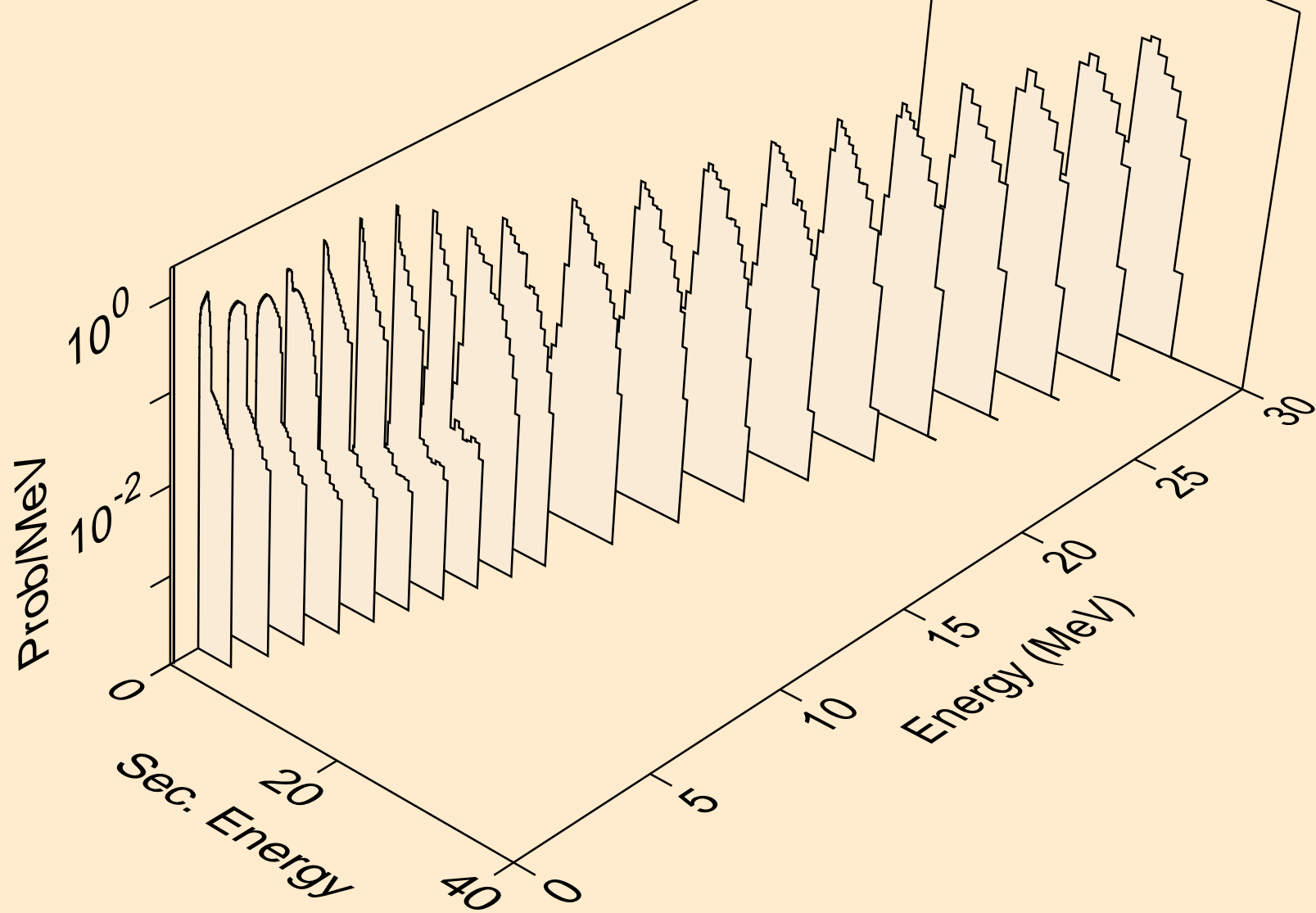
Recoil Heating



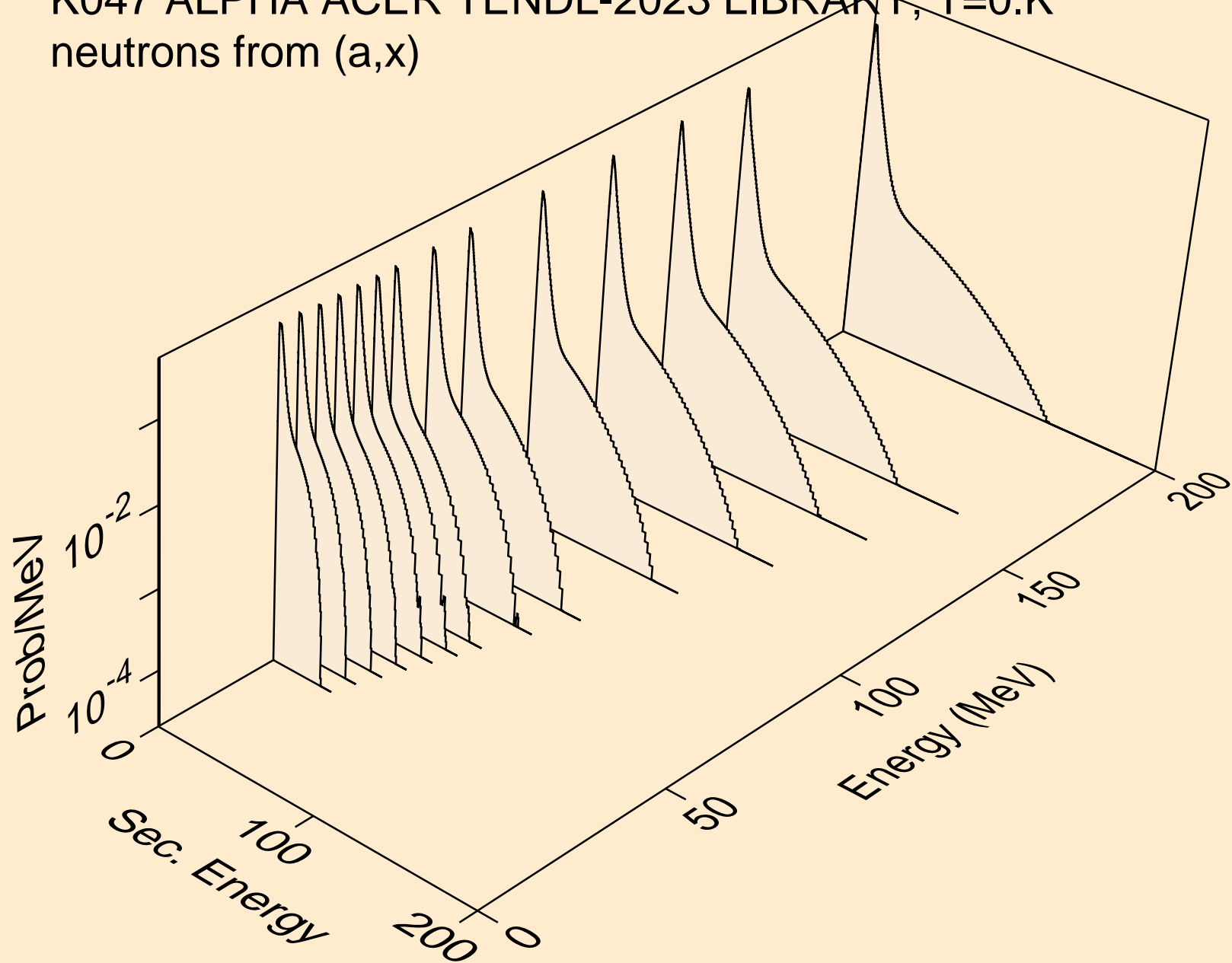
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



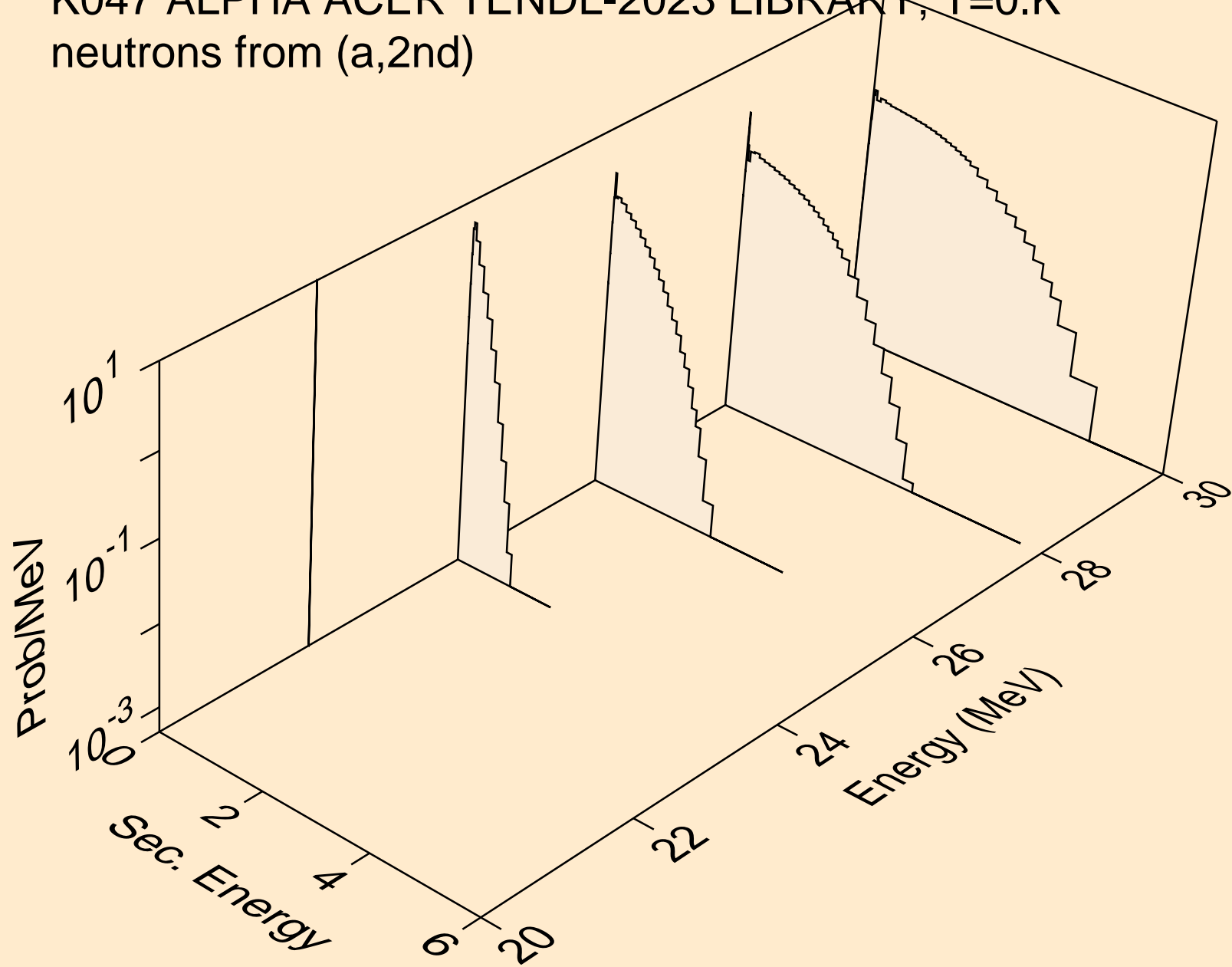
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

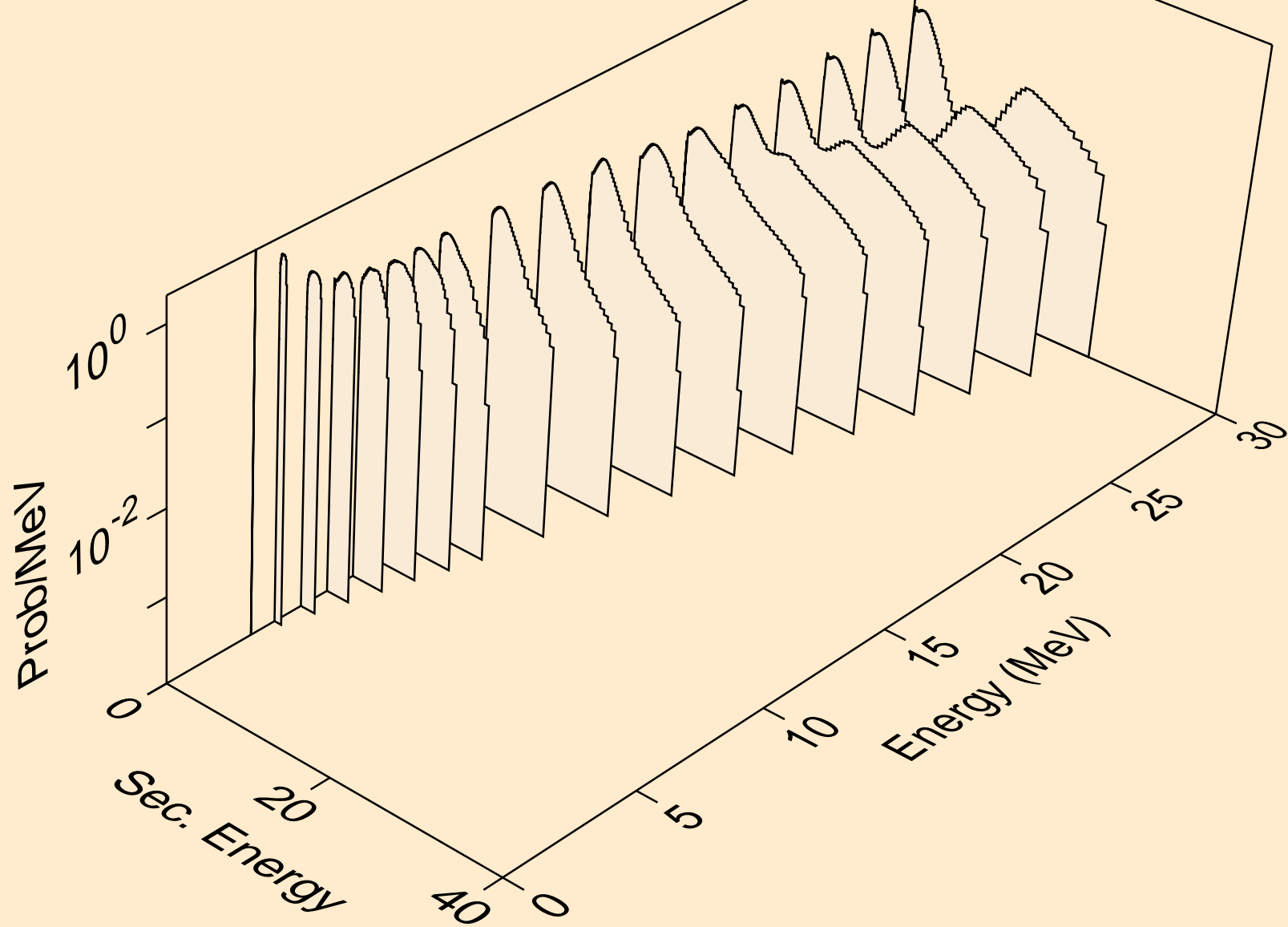


K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)

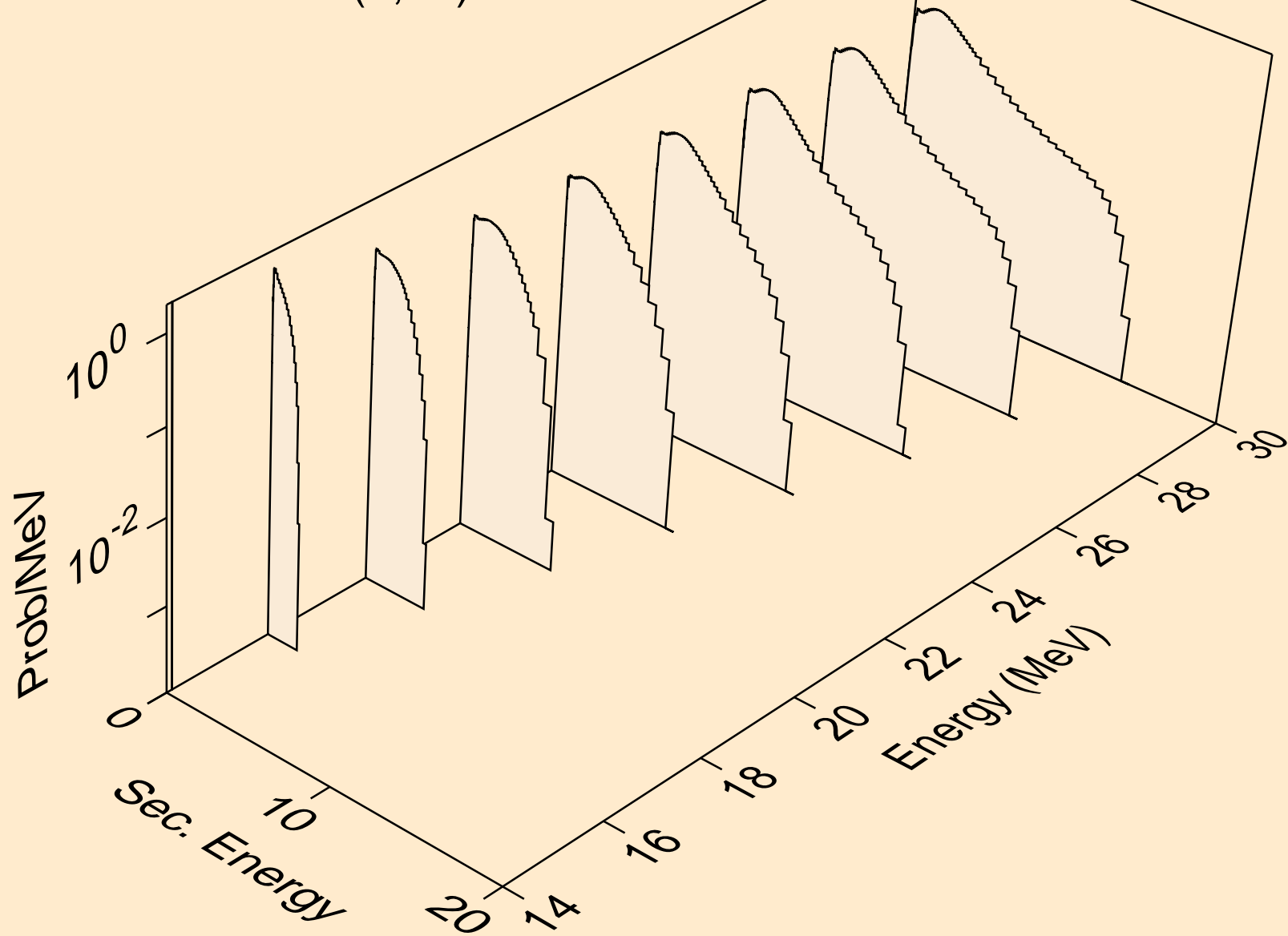




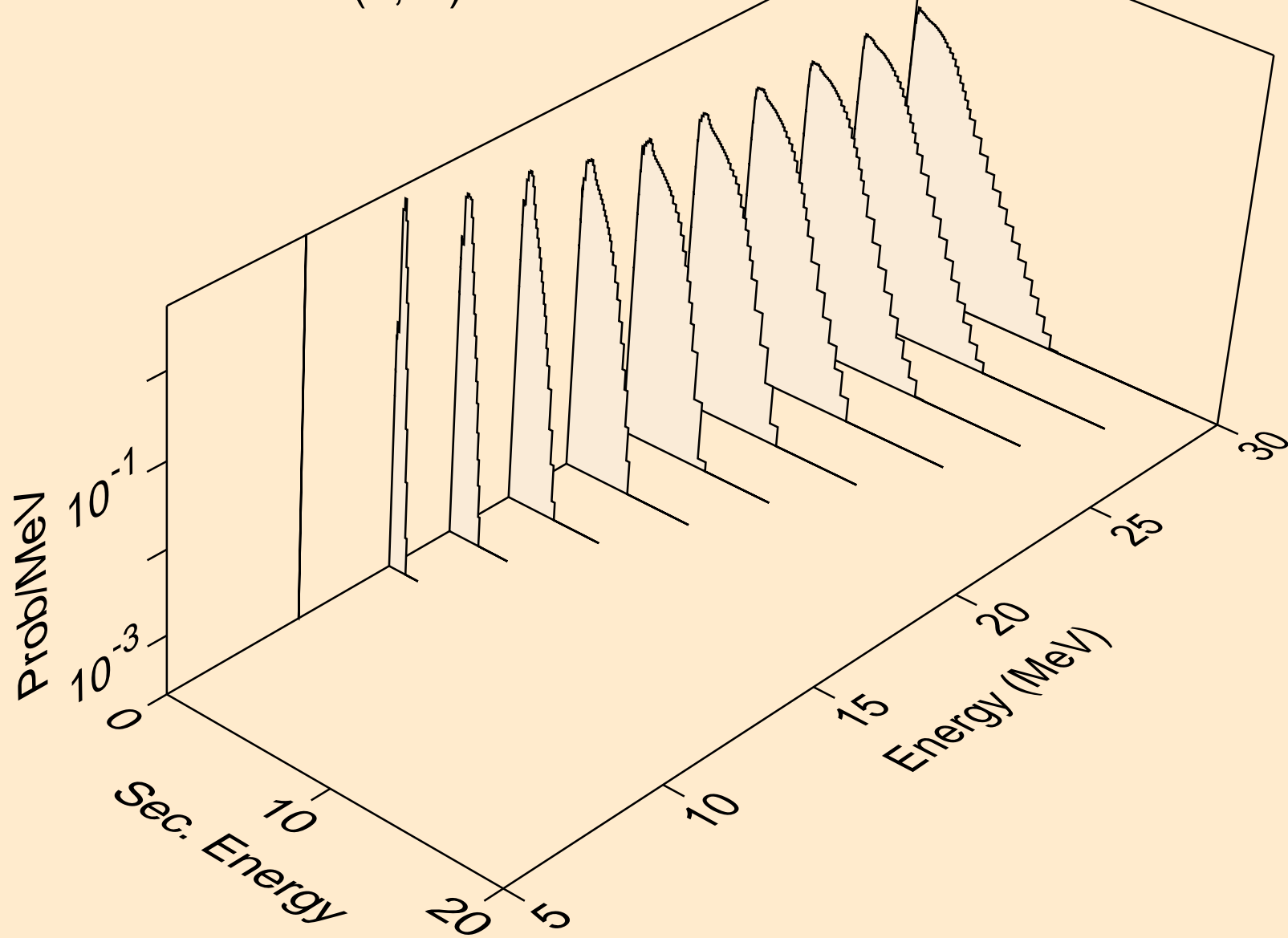
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



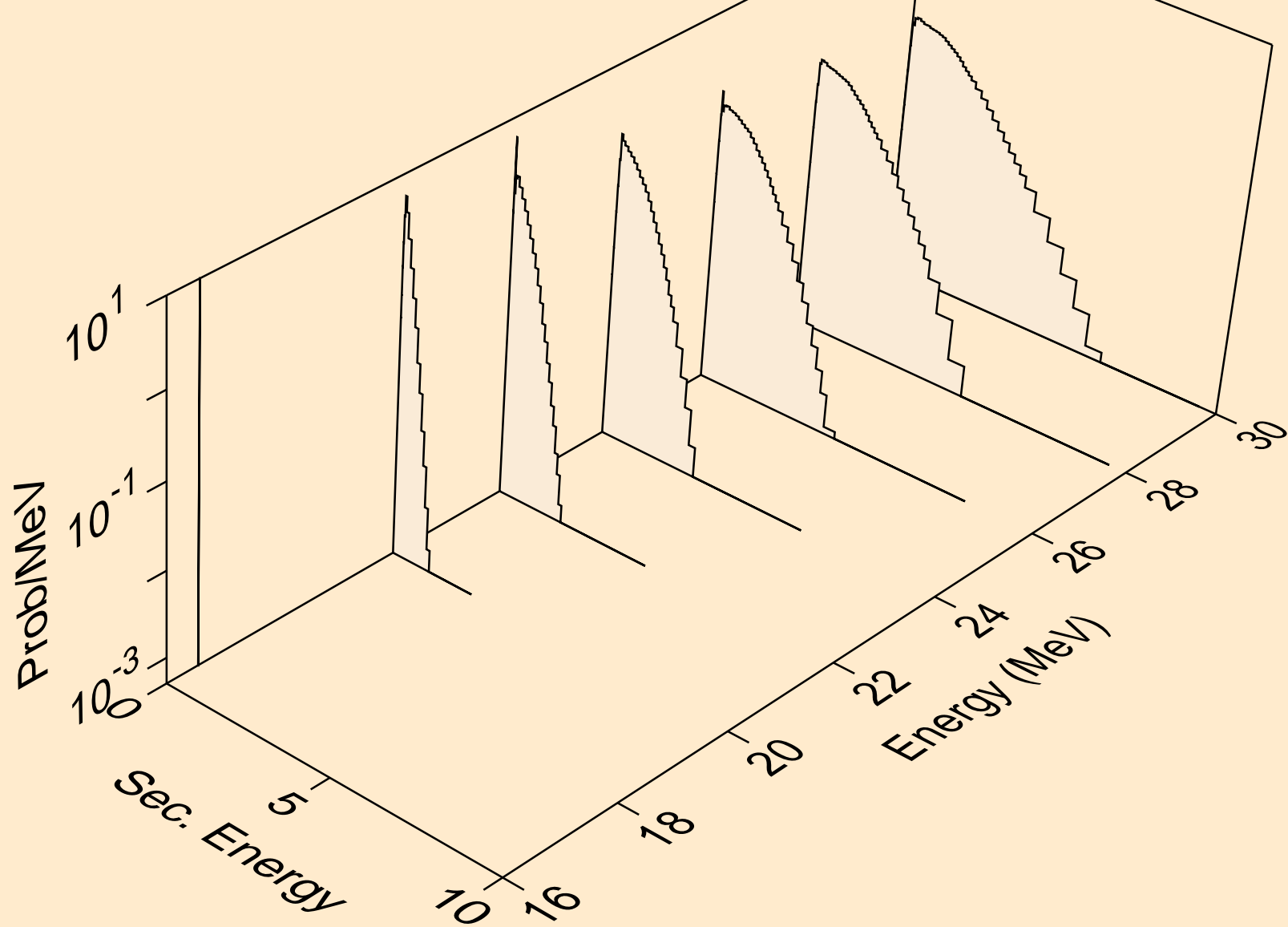
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neutrons from (a,3n)



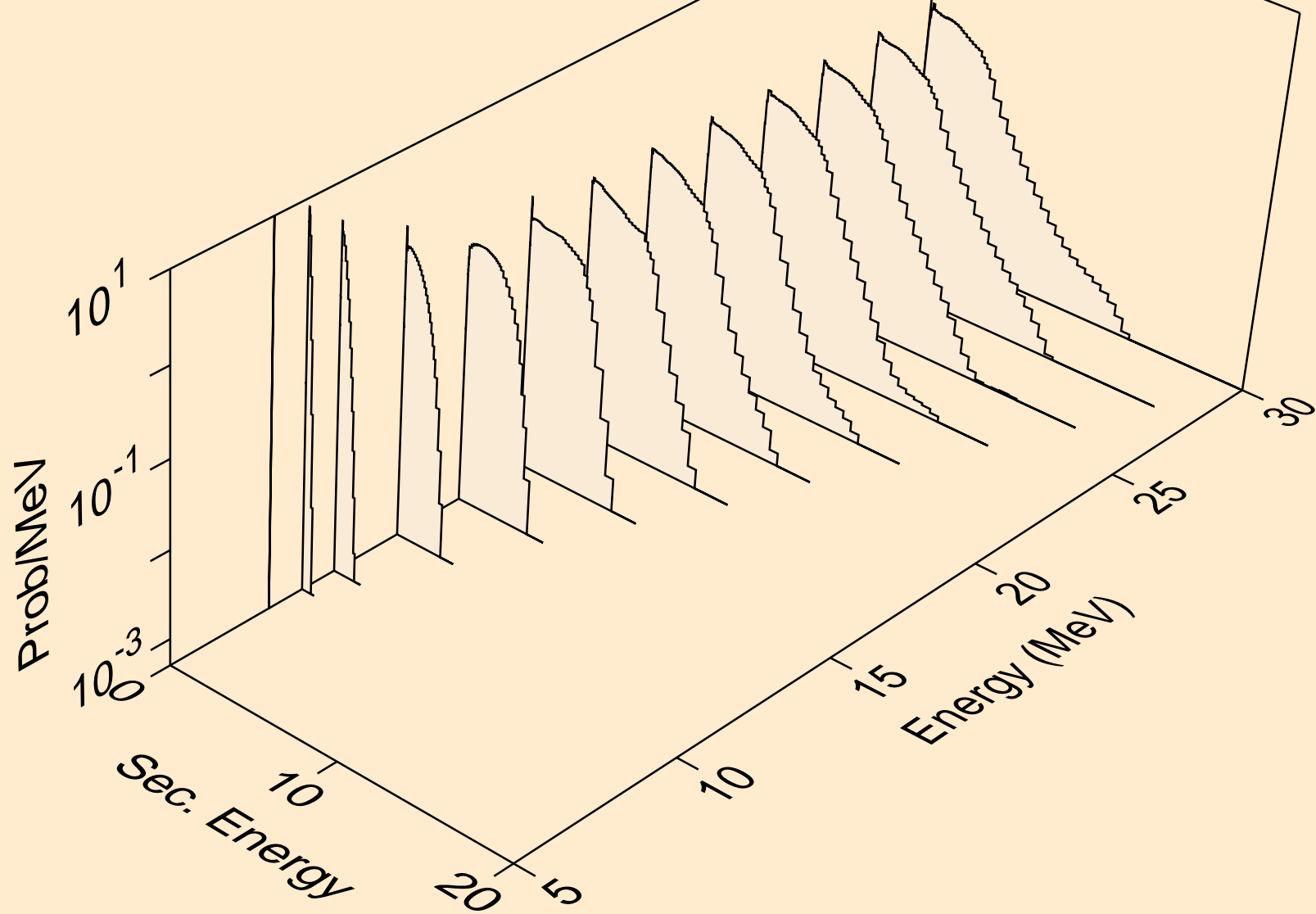
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



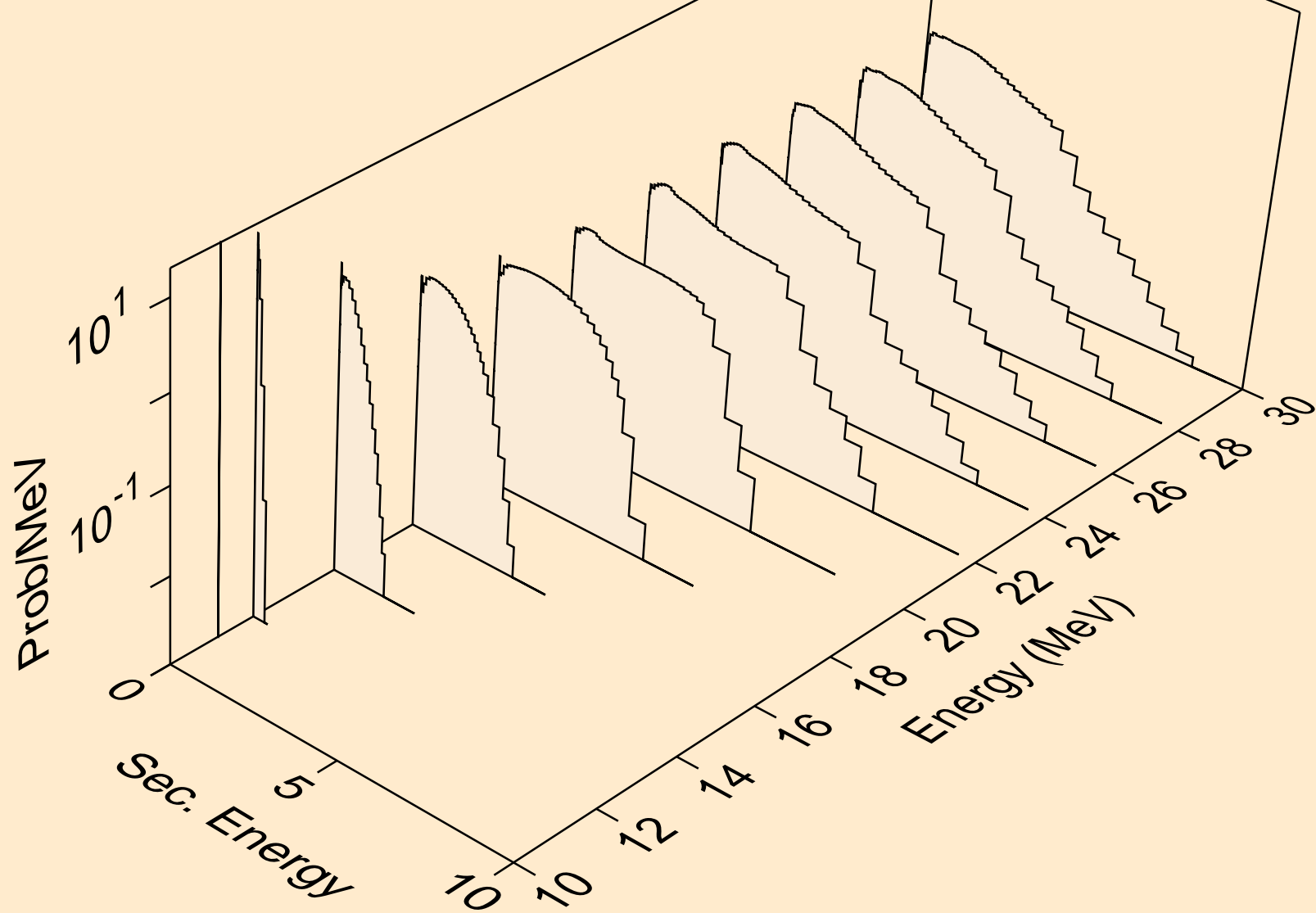
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



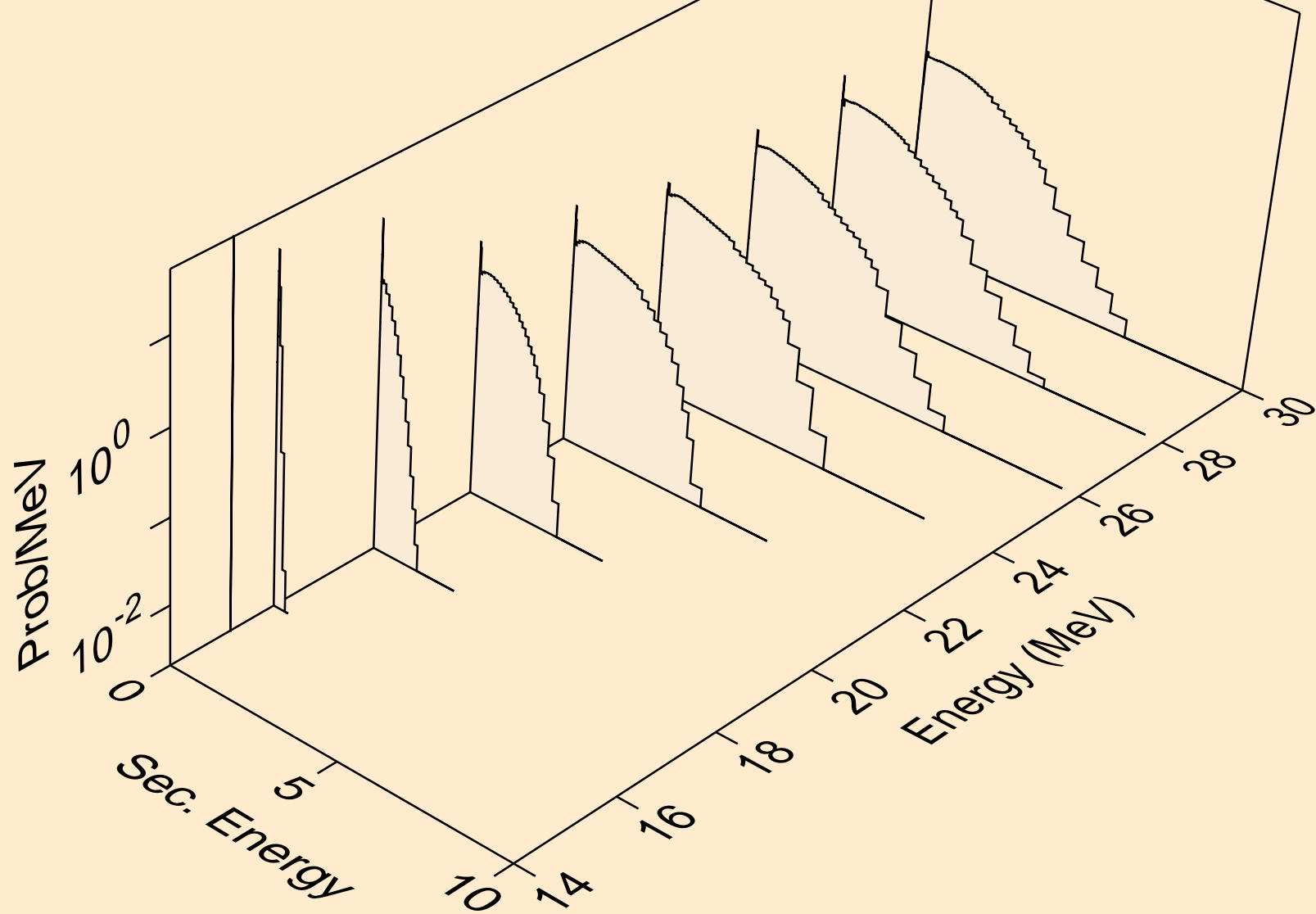
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neutrons from (a,n\*)p



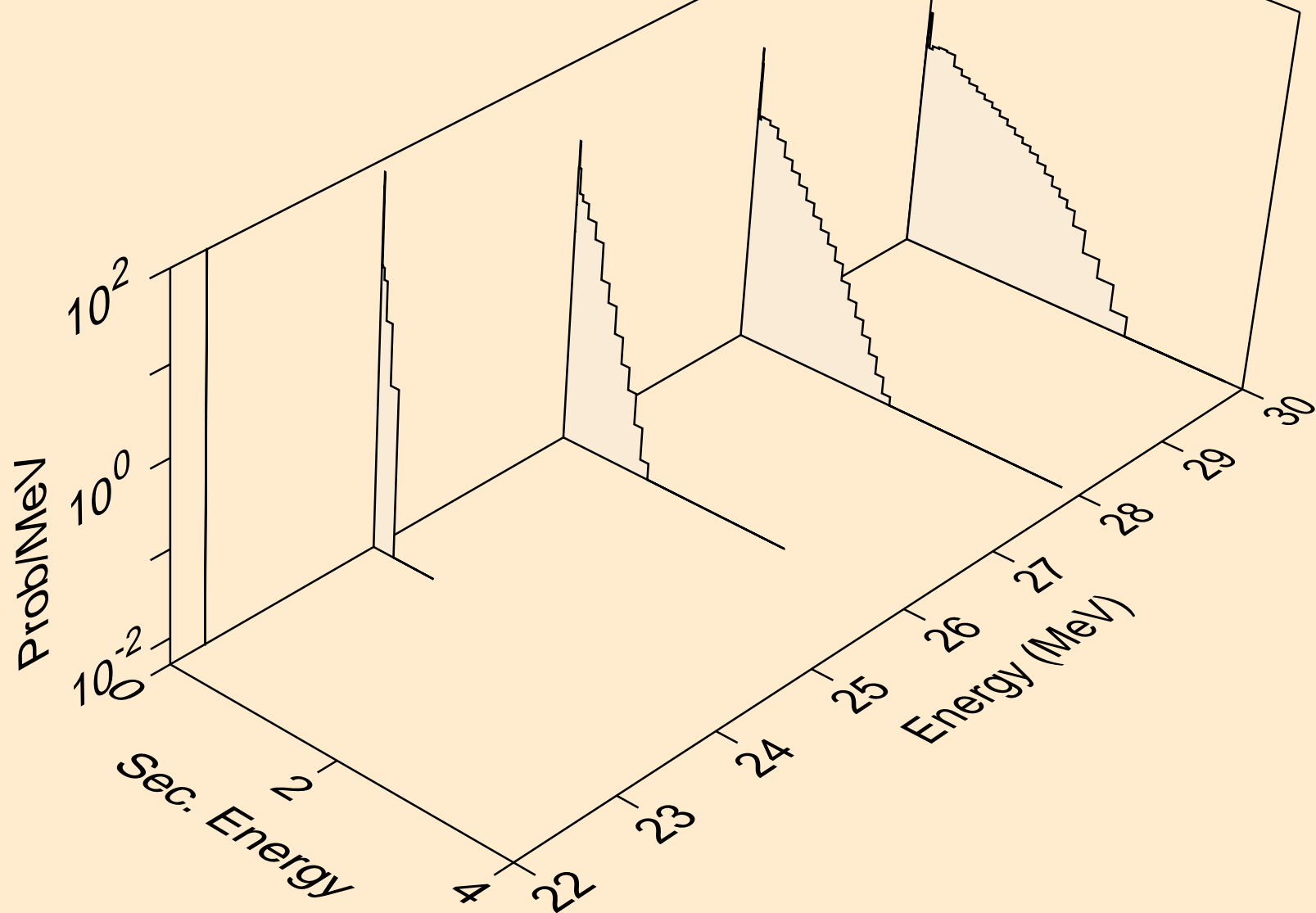
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t

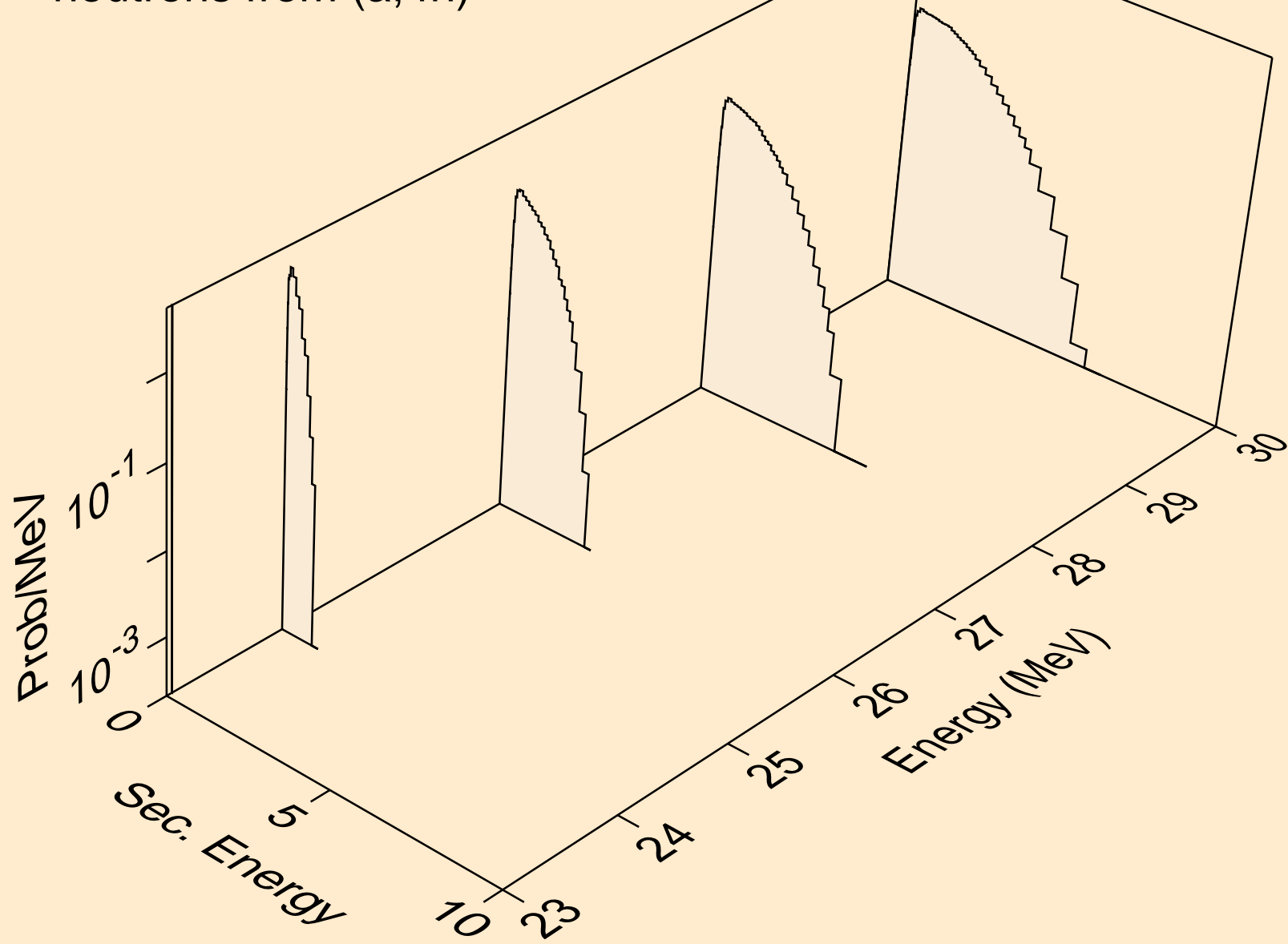


K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3

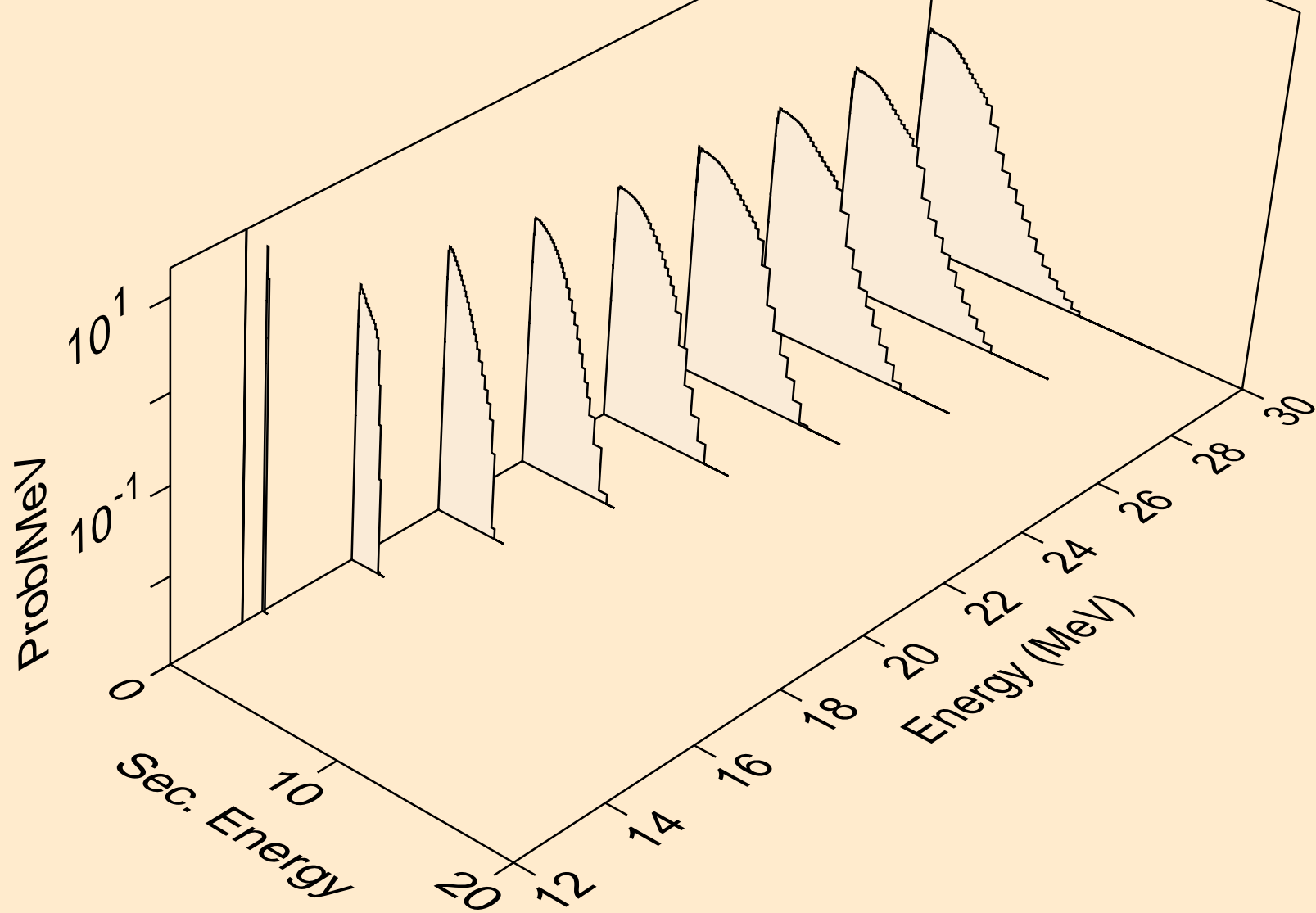




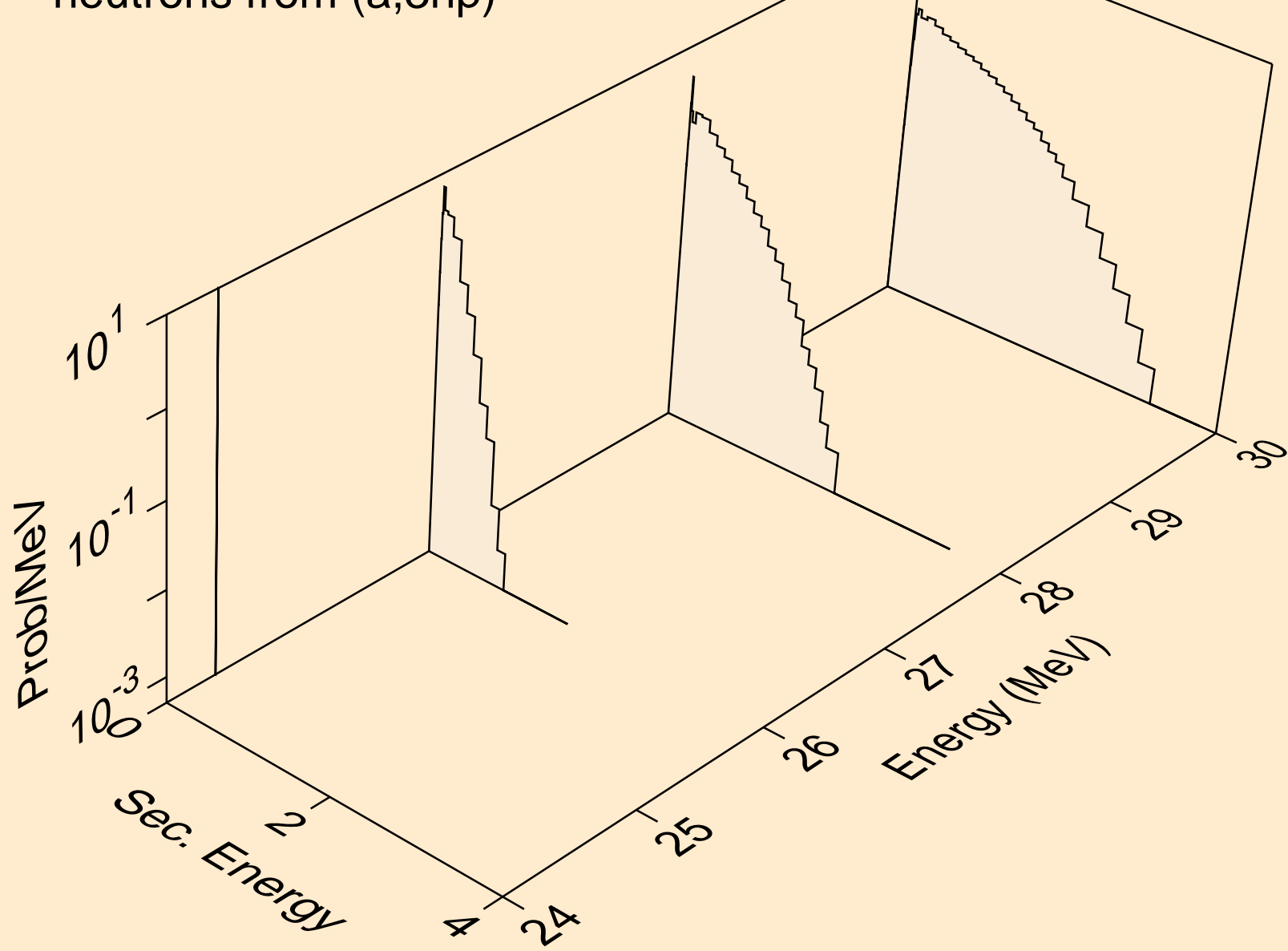
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)



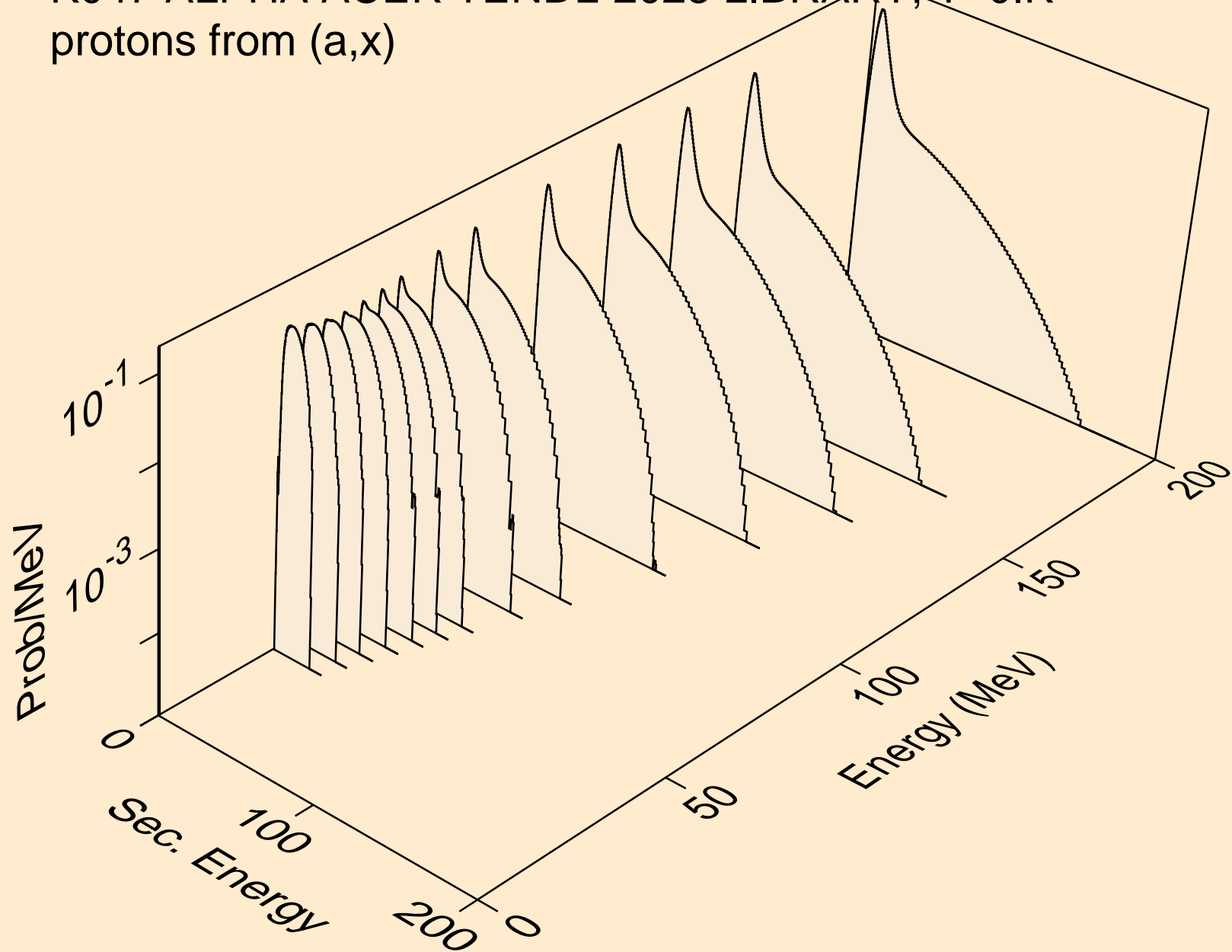
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neutrons from (a,2np)



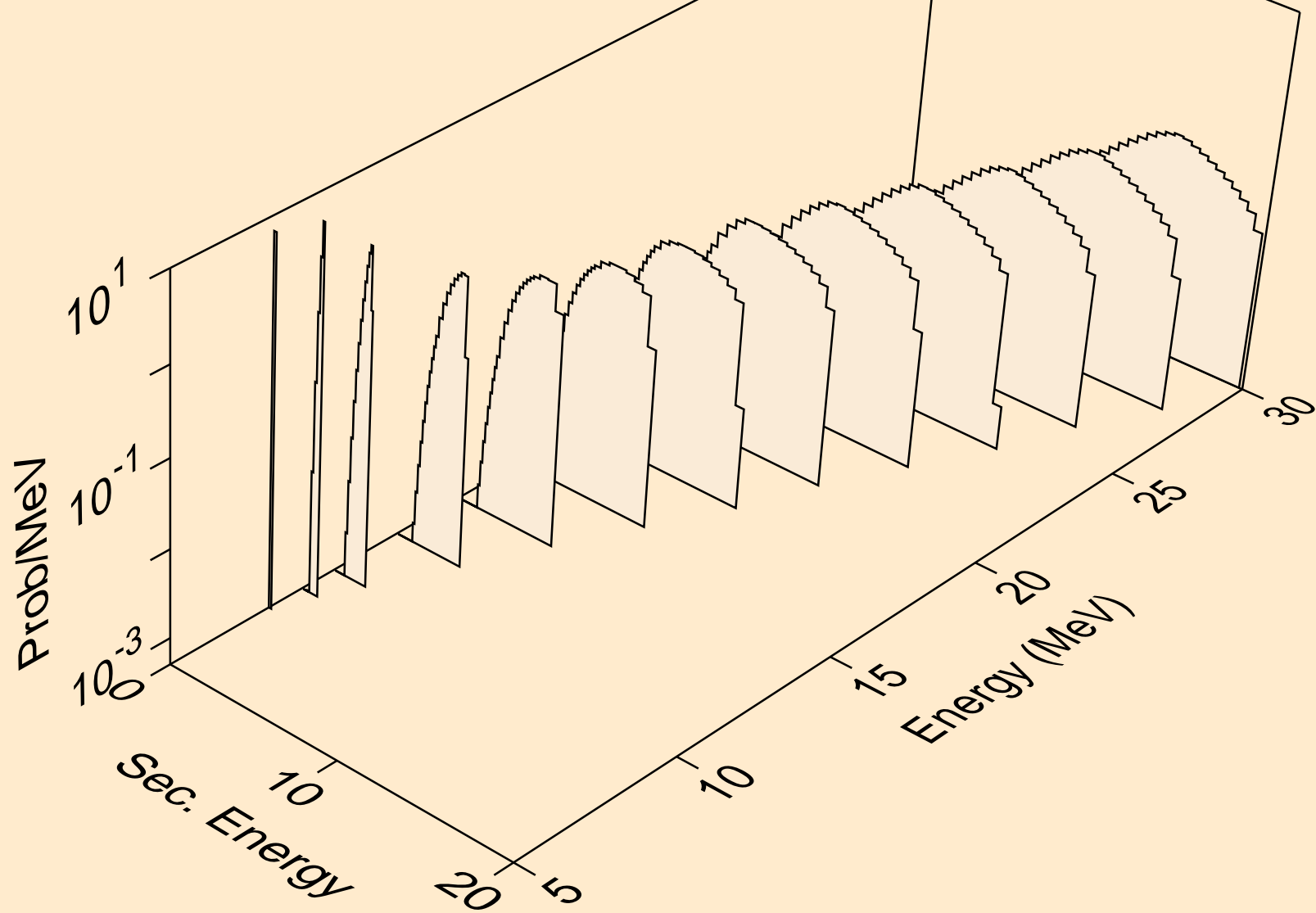
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neutrons from (a,3np)



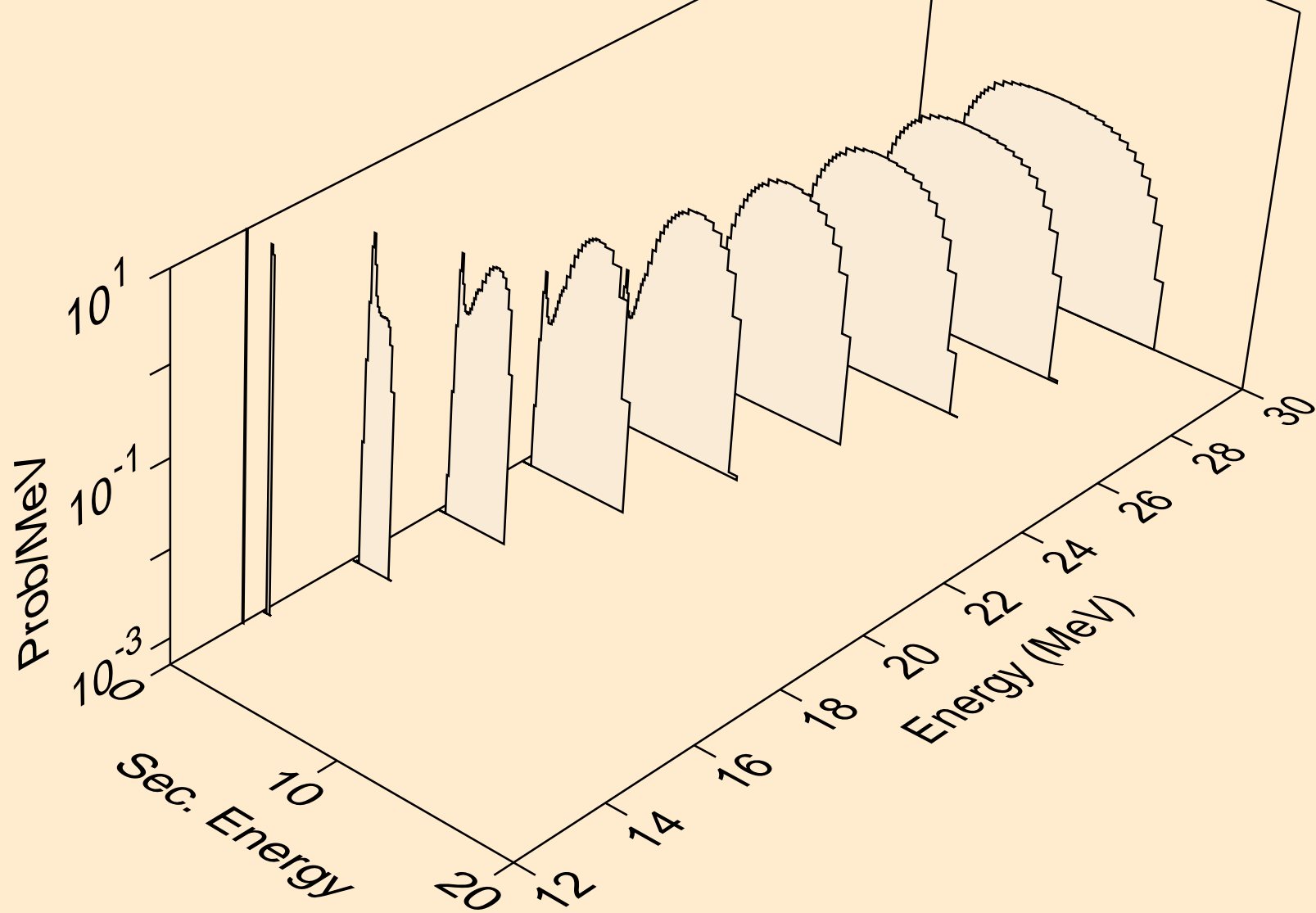
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protons from (a,x)



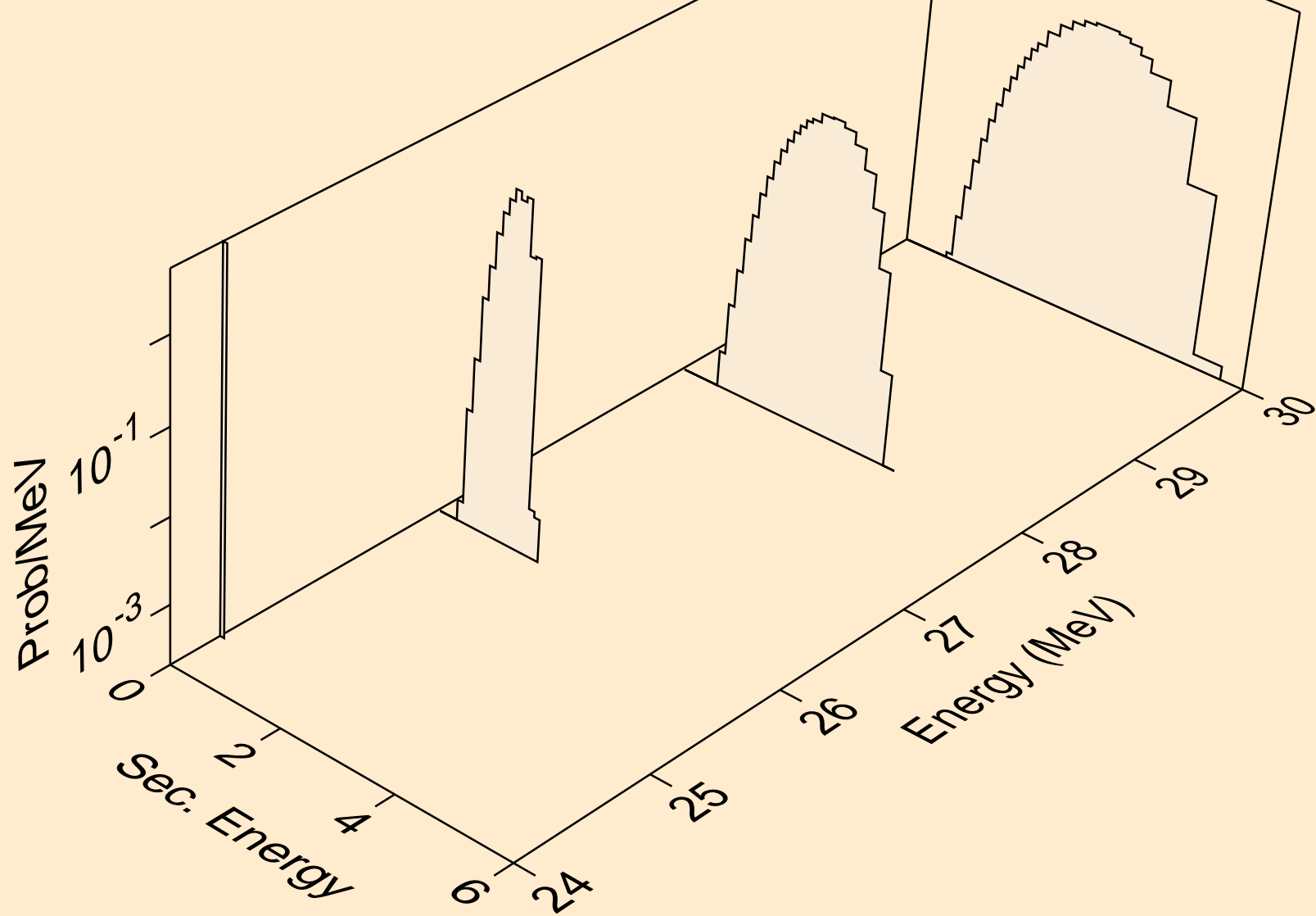
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



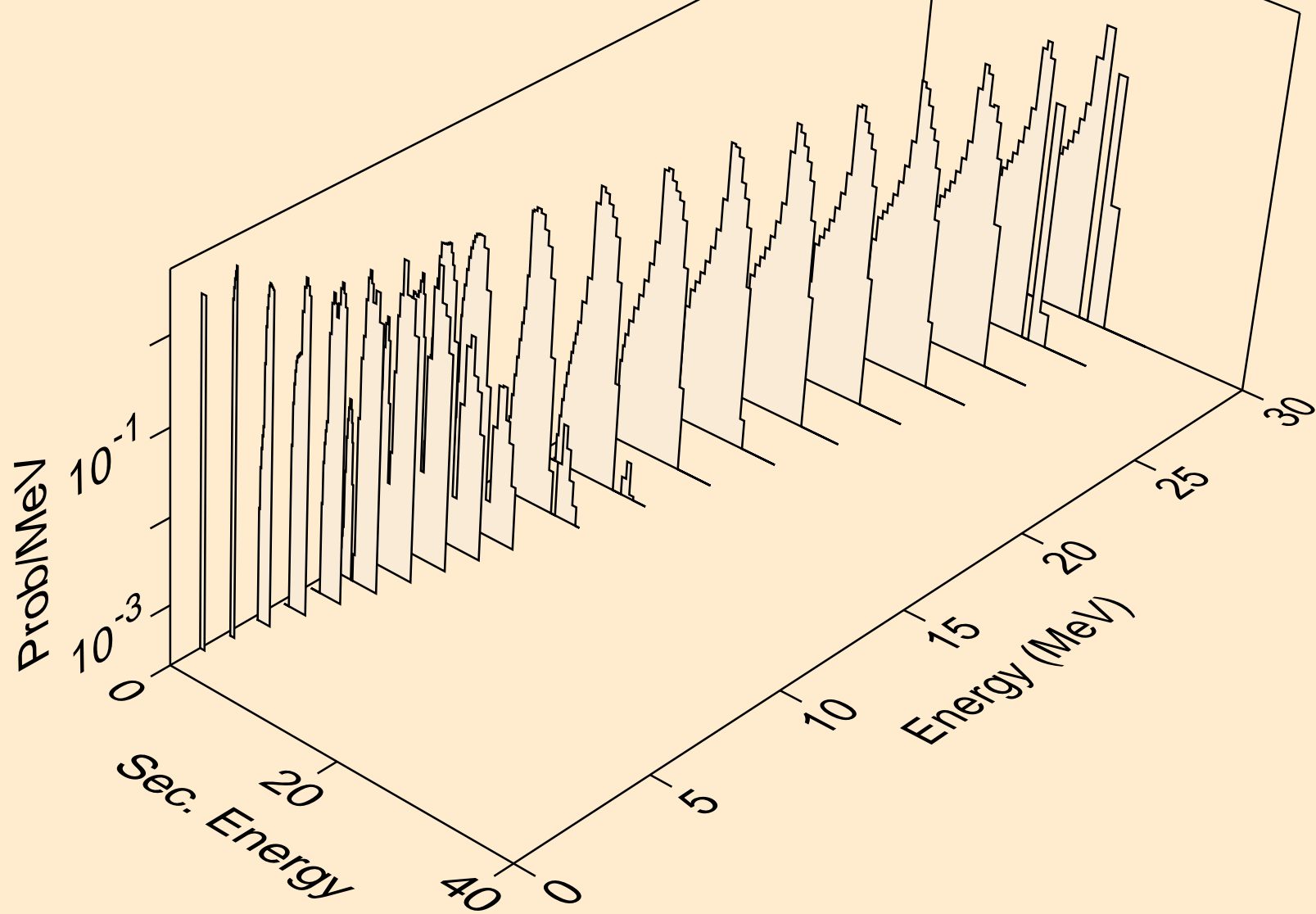
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)

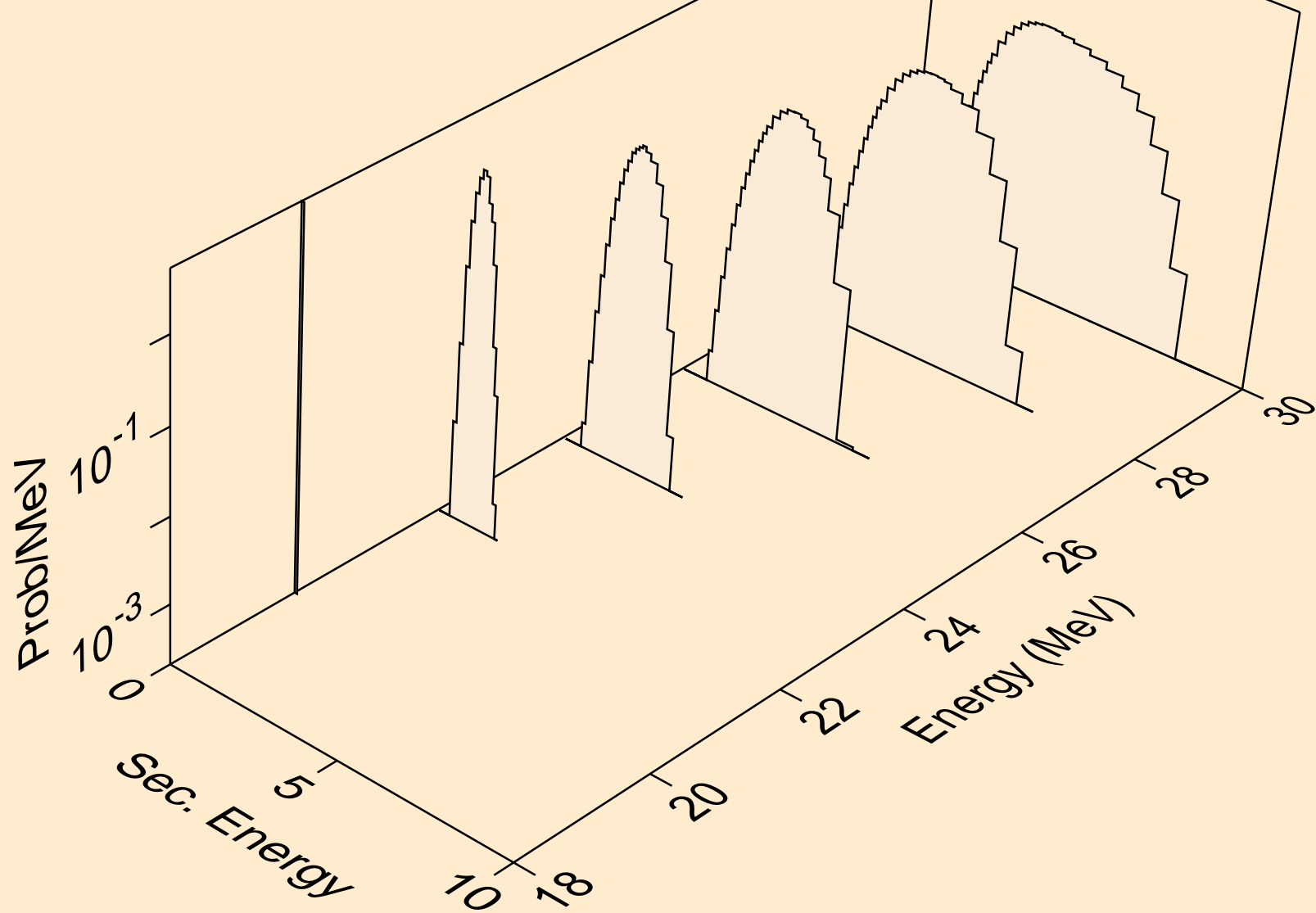


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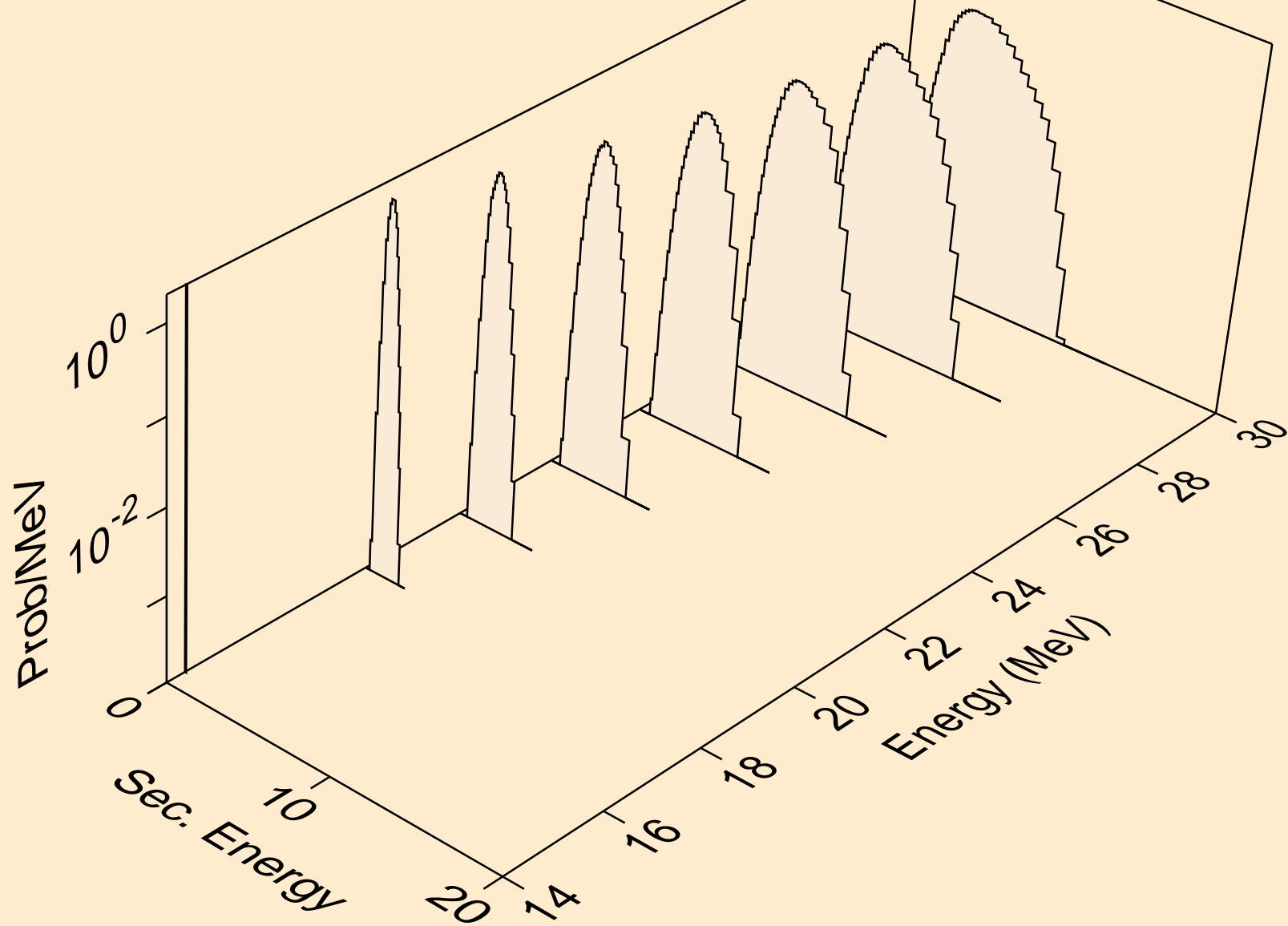




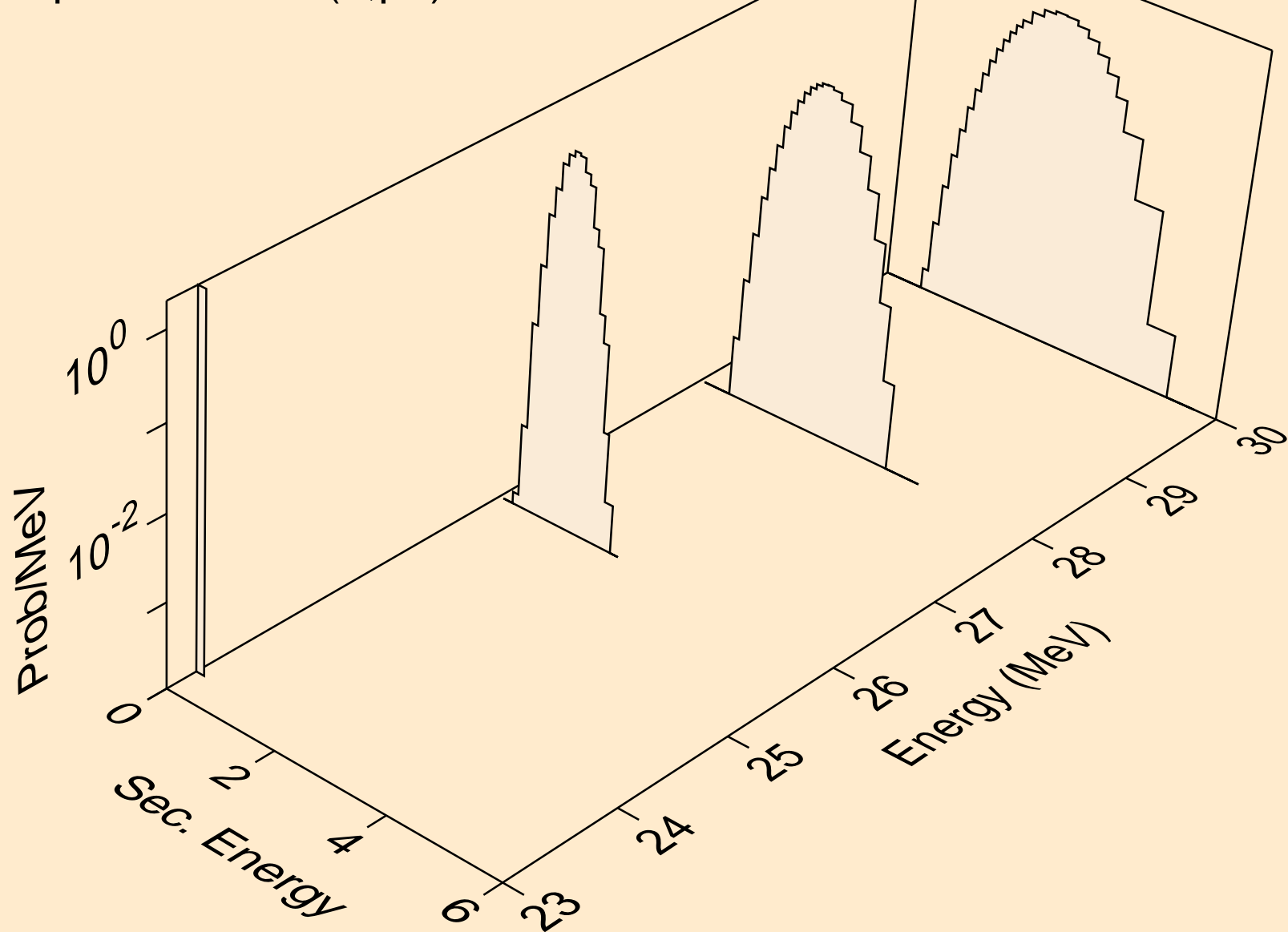
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protons from (a,2p)



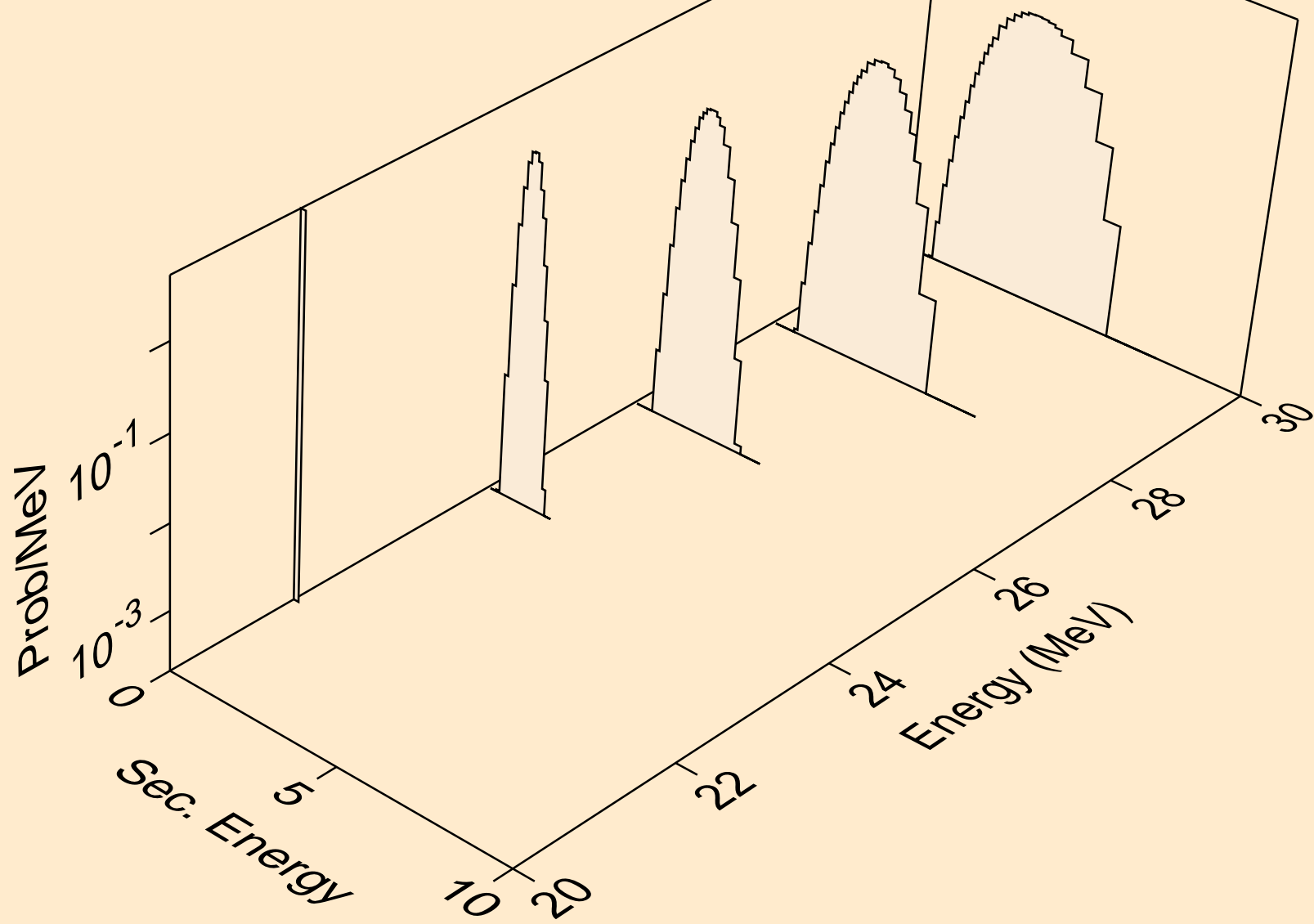
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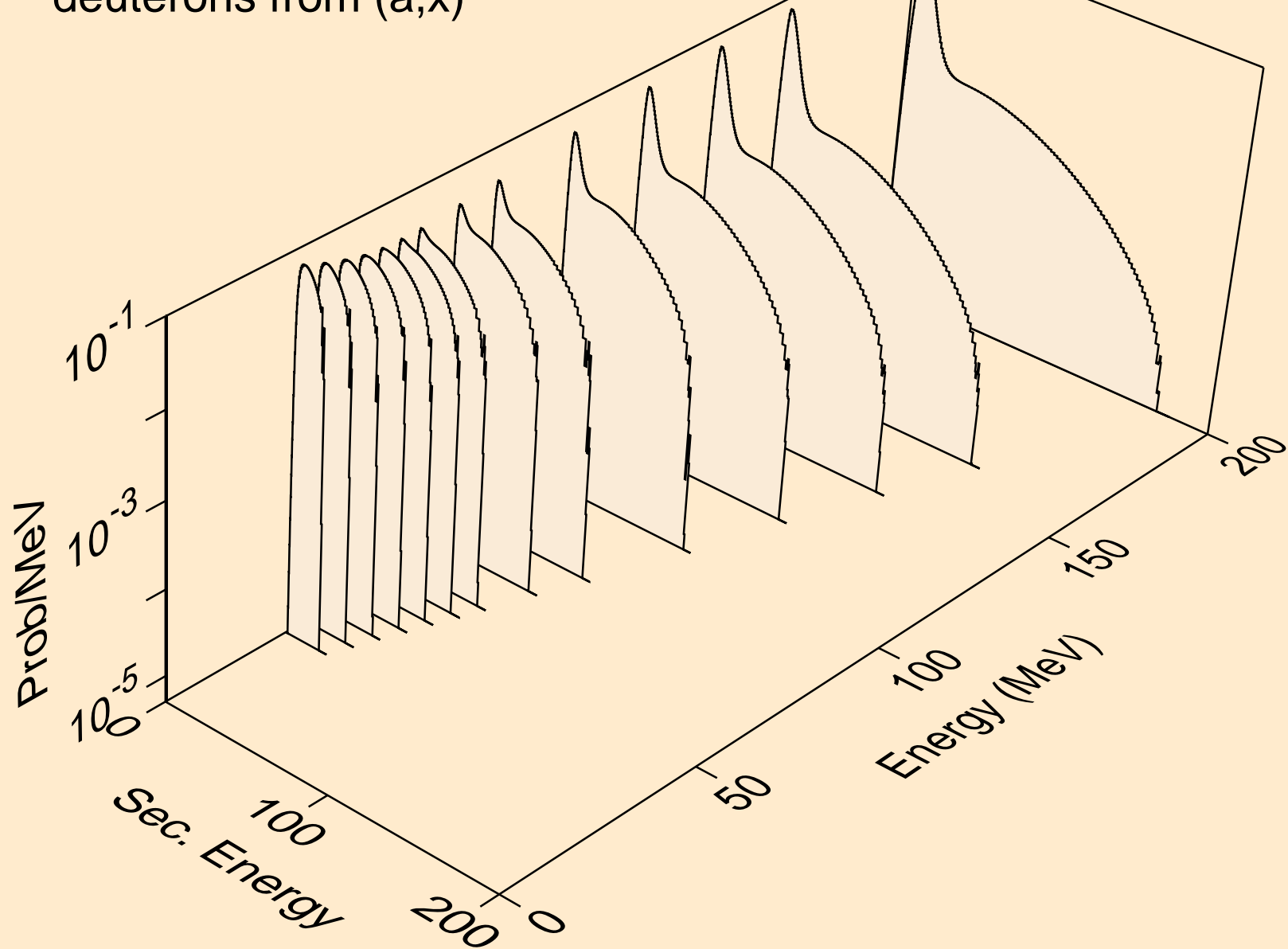
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



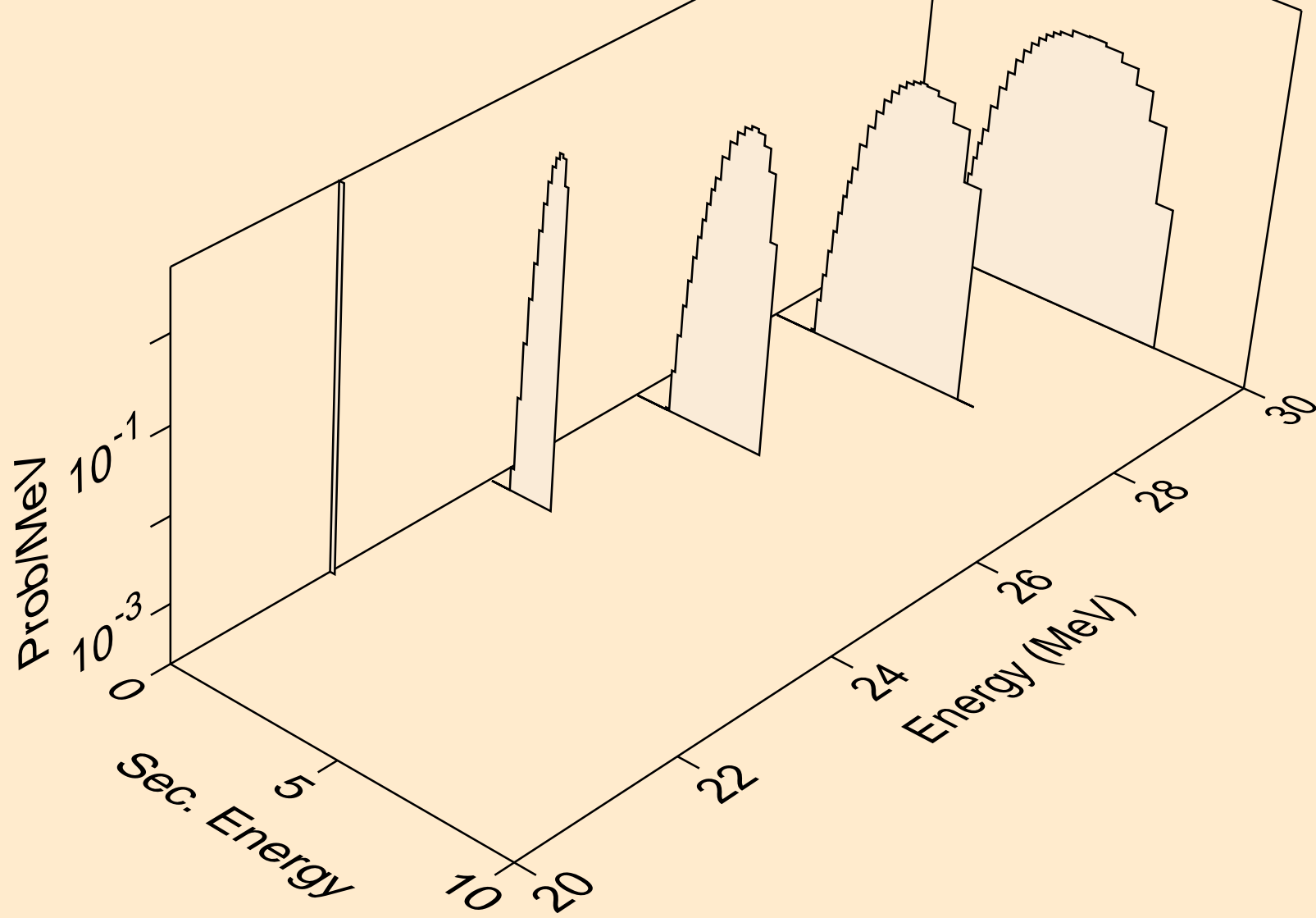
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



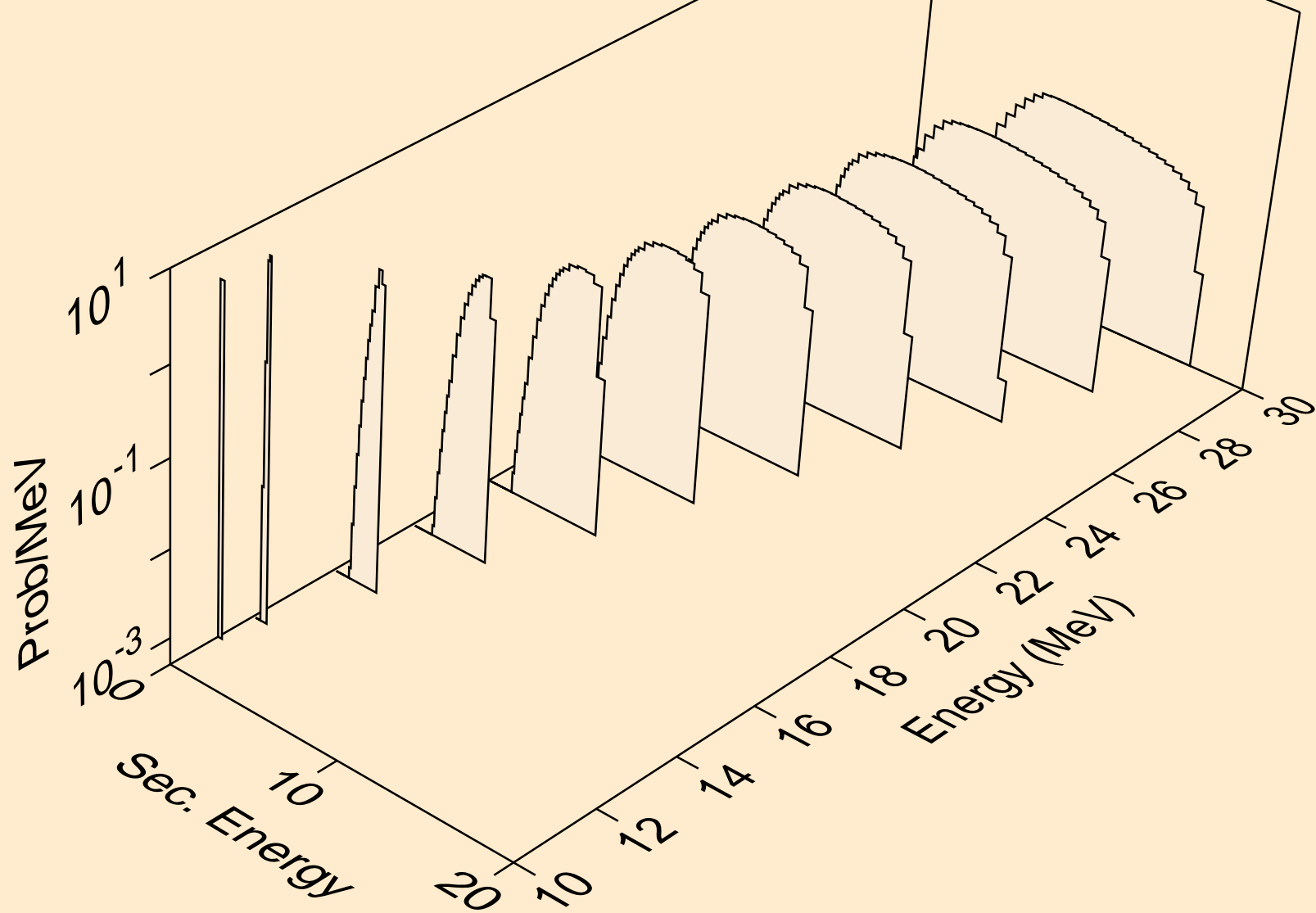
K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



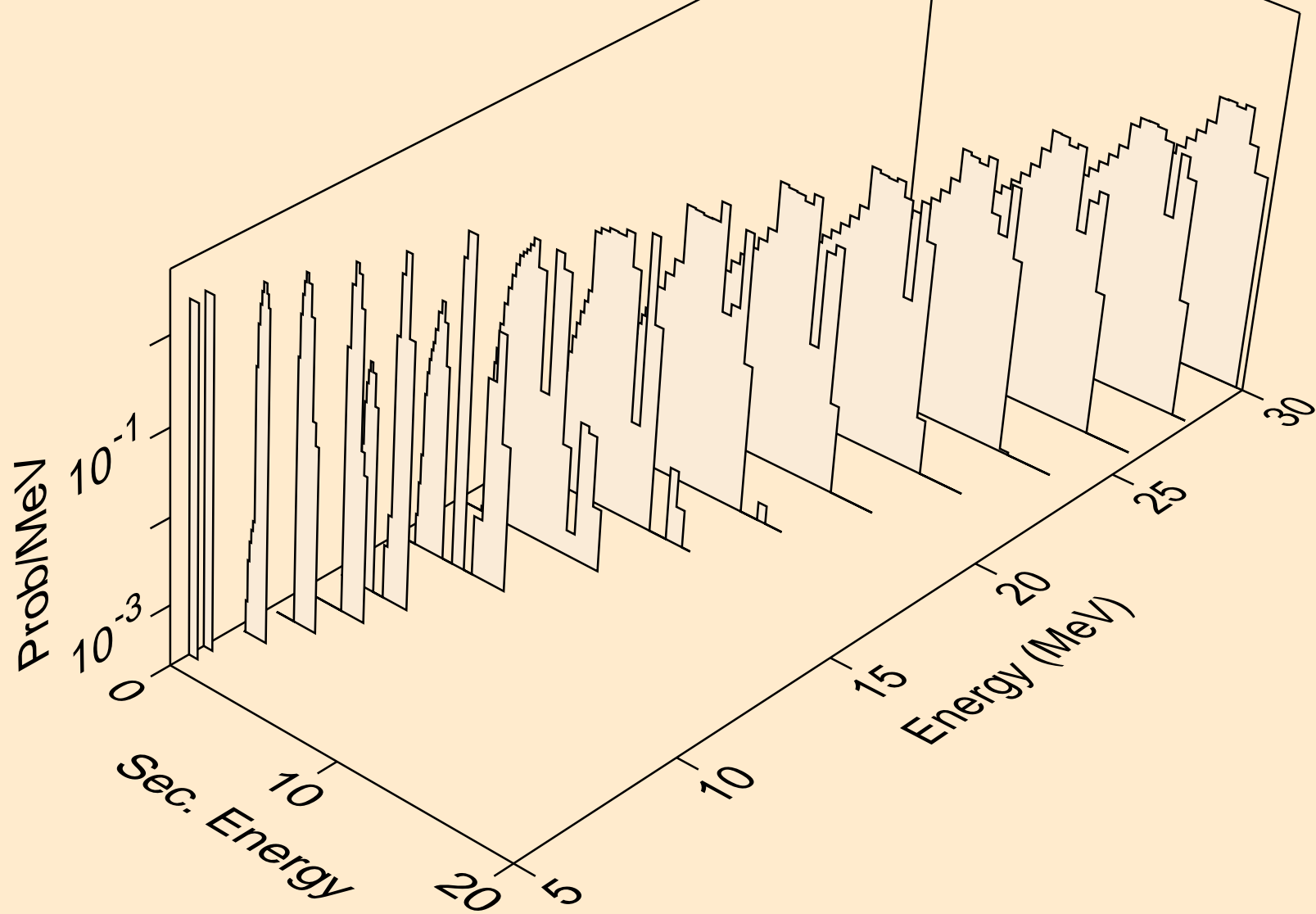
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deuterons from (a,2nd)



K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d

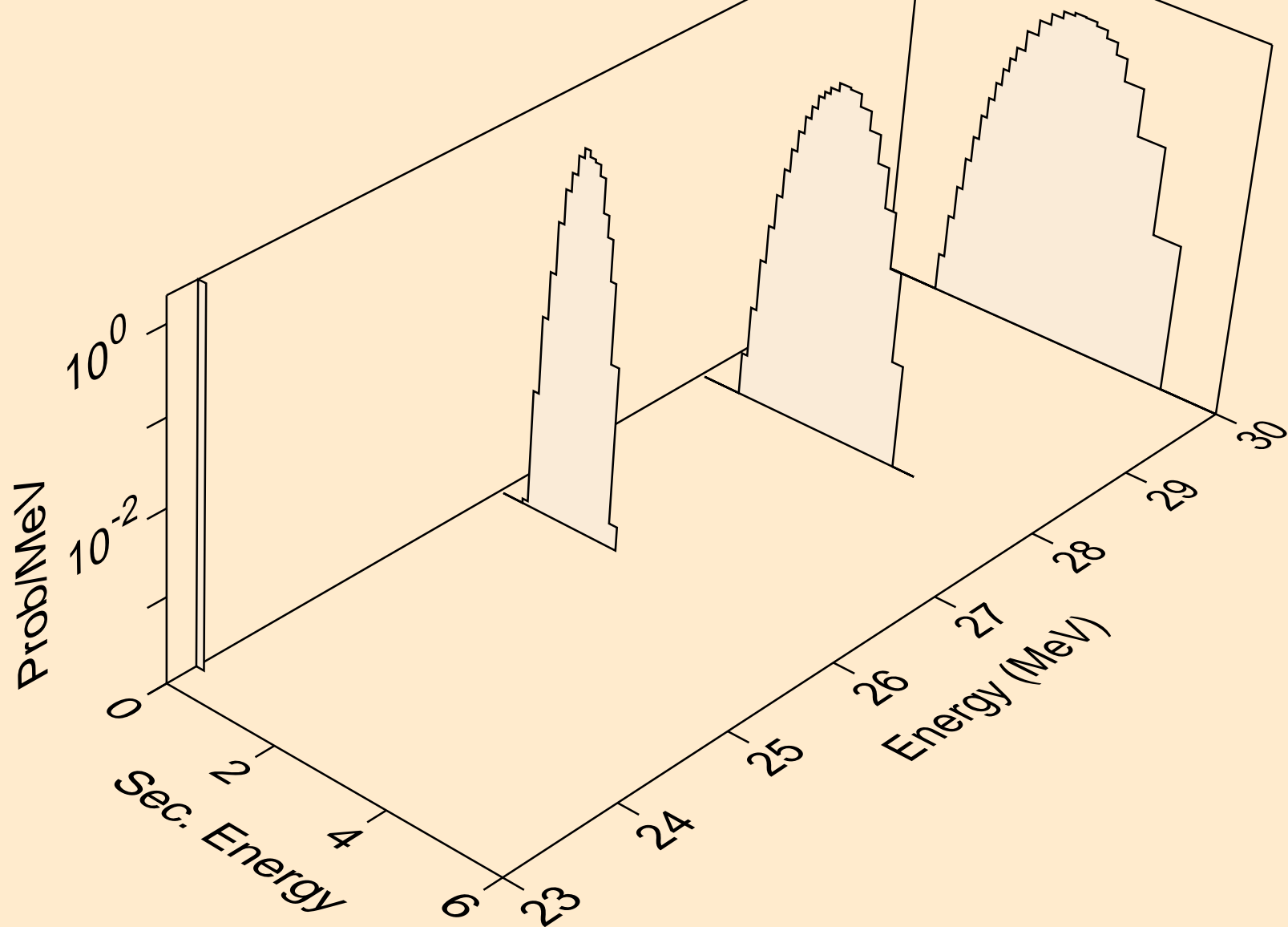


K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

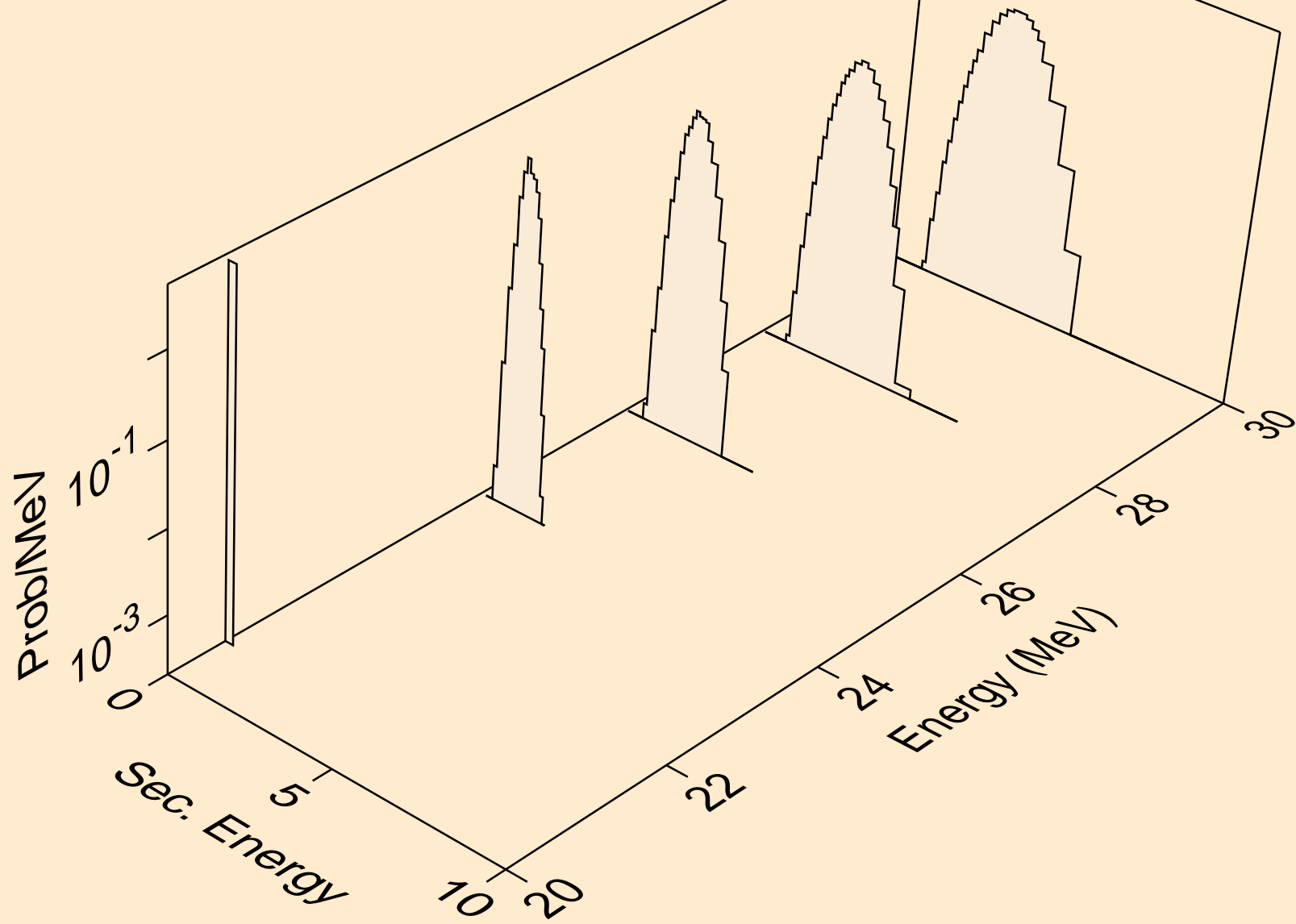




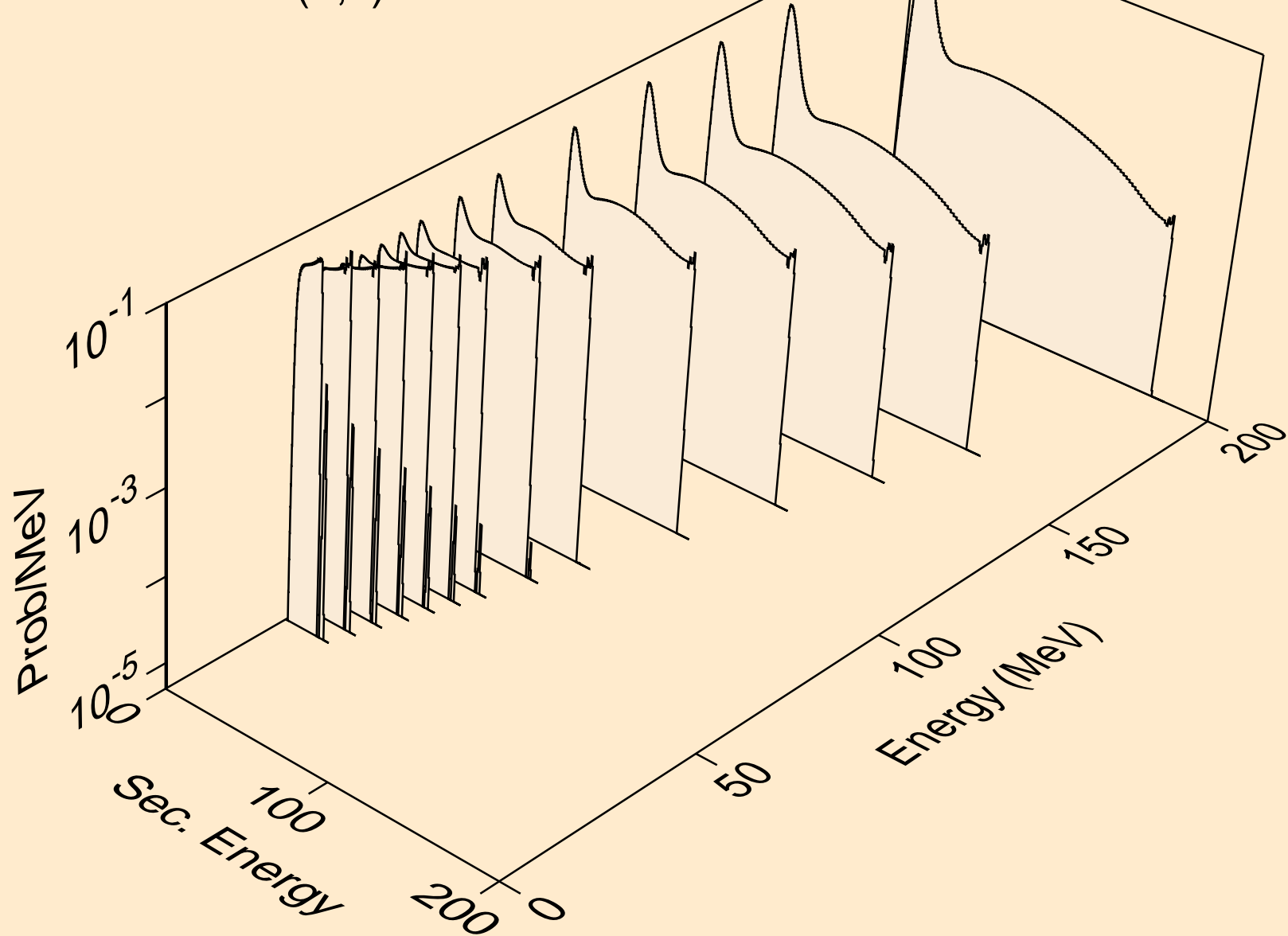
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deuterons from (a,pd)



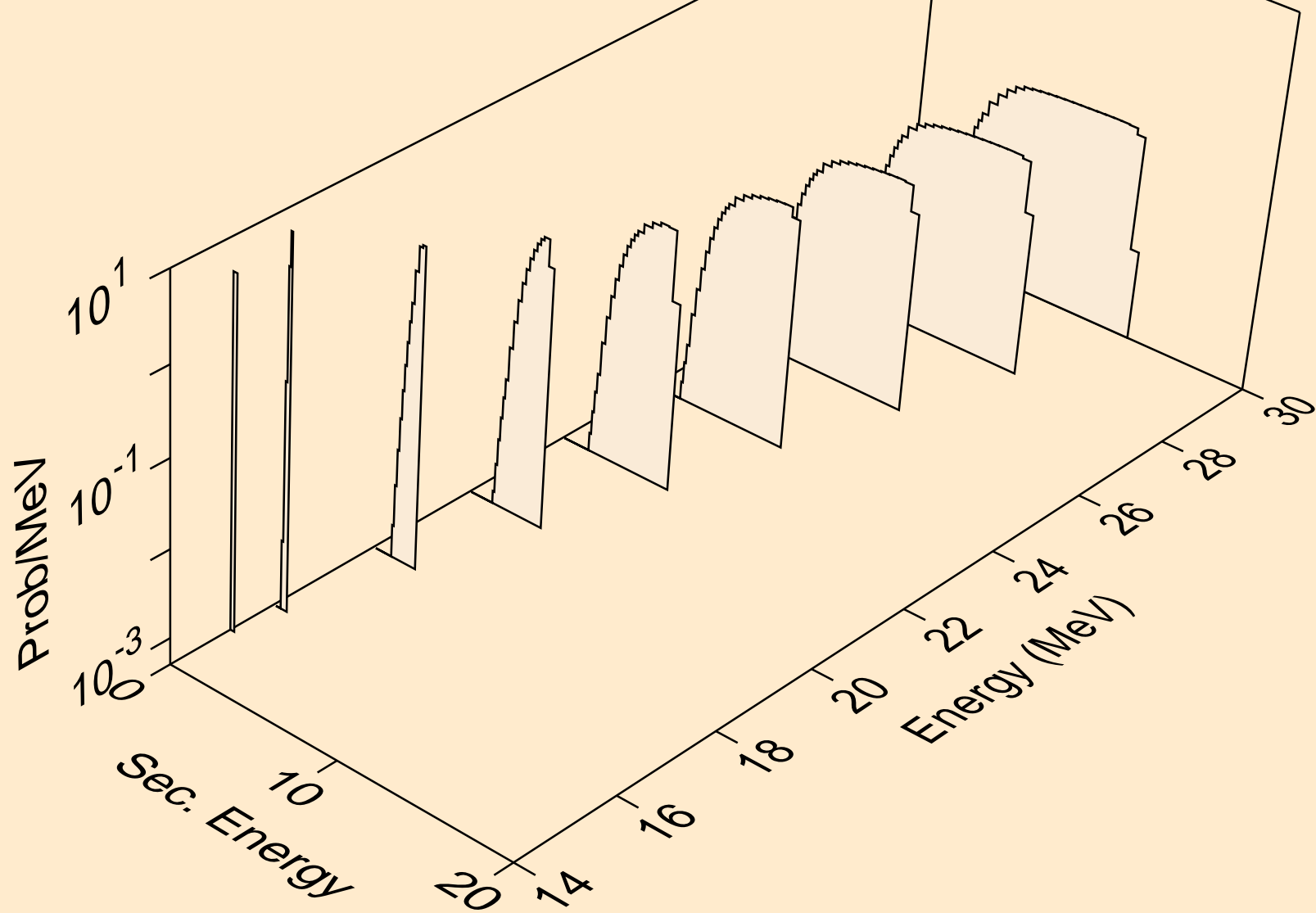
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deuterons from (a,da)



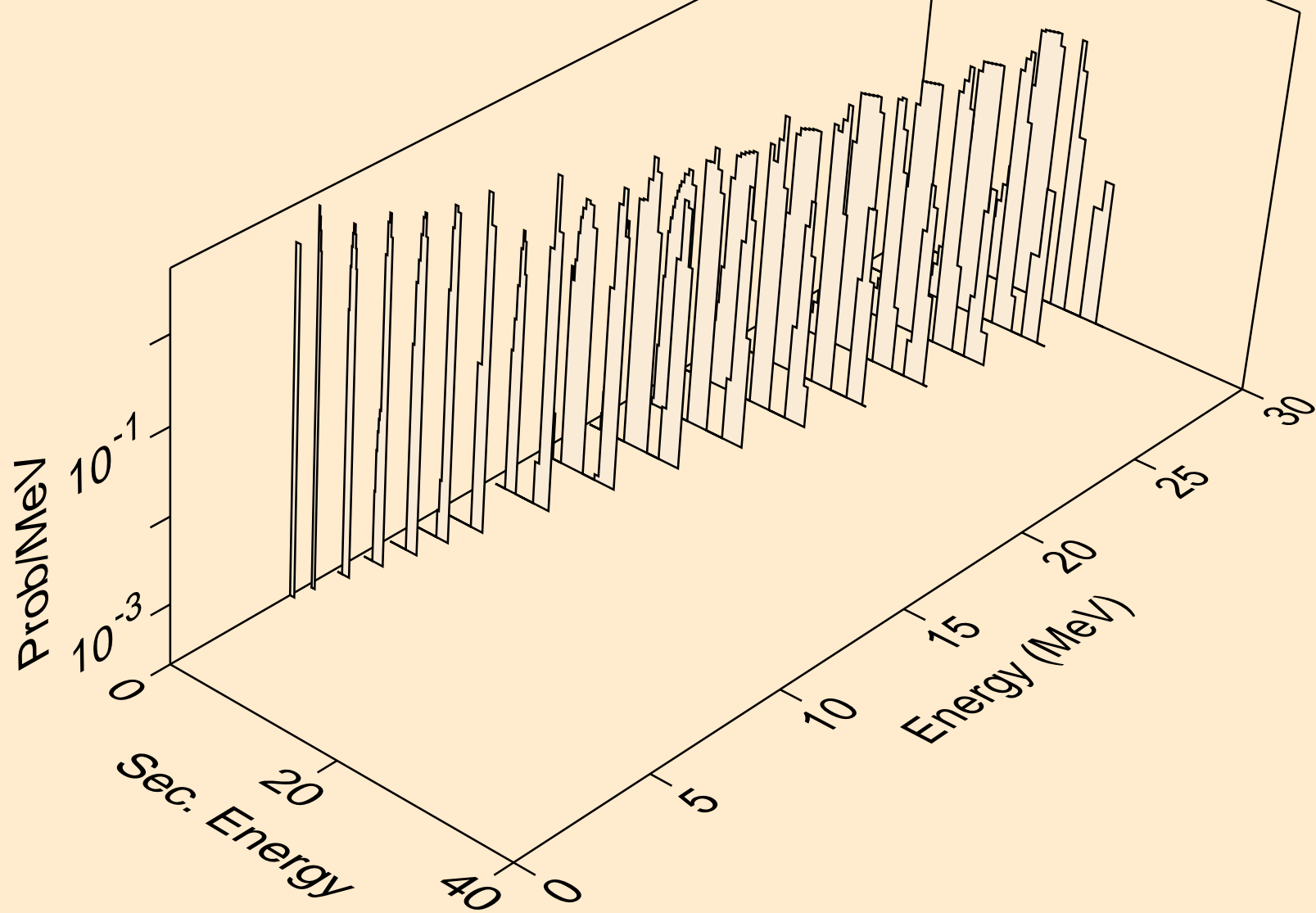
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tritons from (a,x)



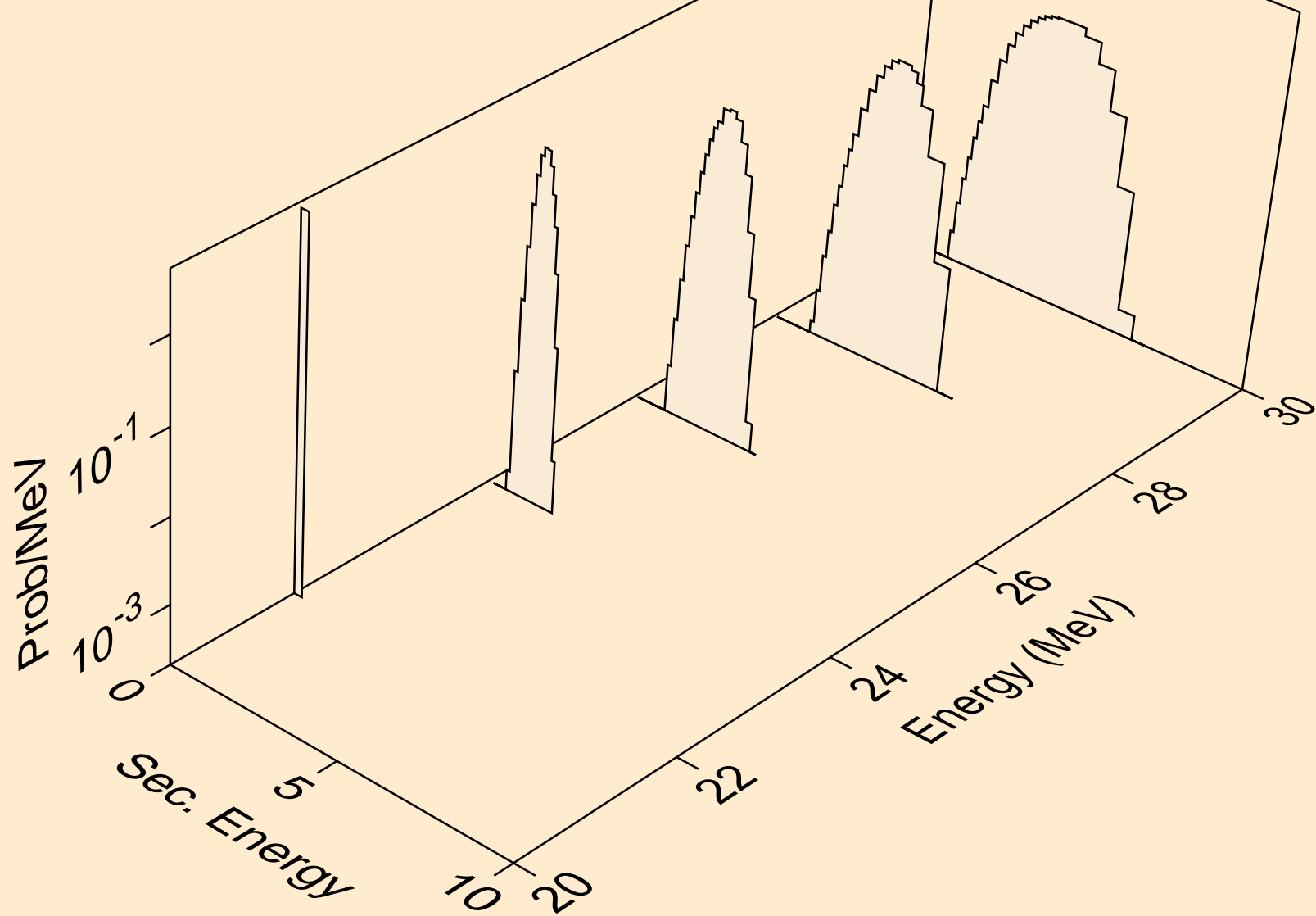
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tritons from (a,n\*)t



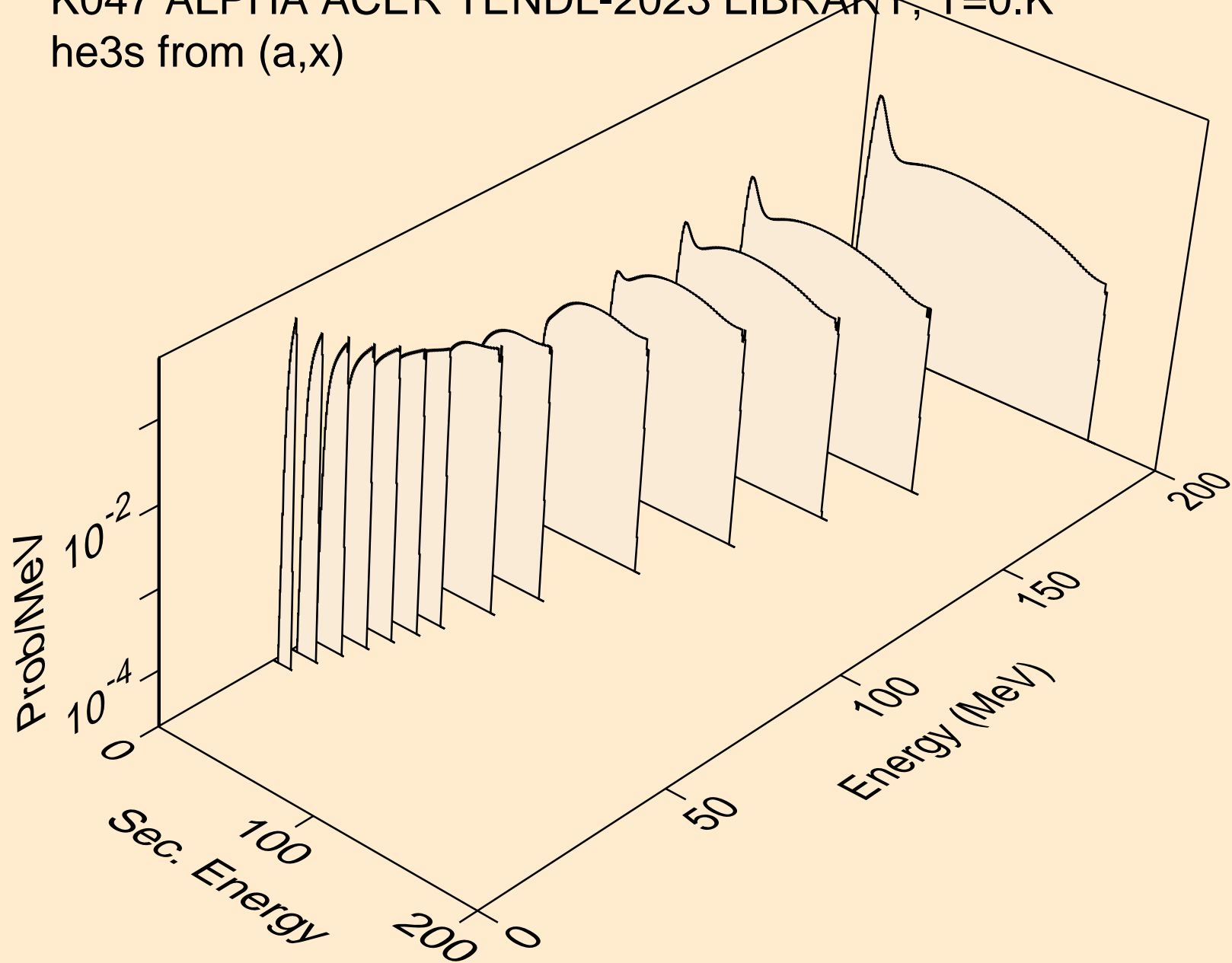
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tritons from (a,t)



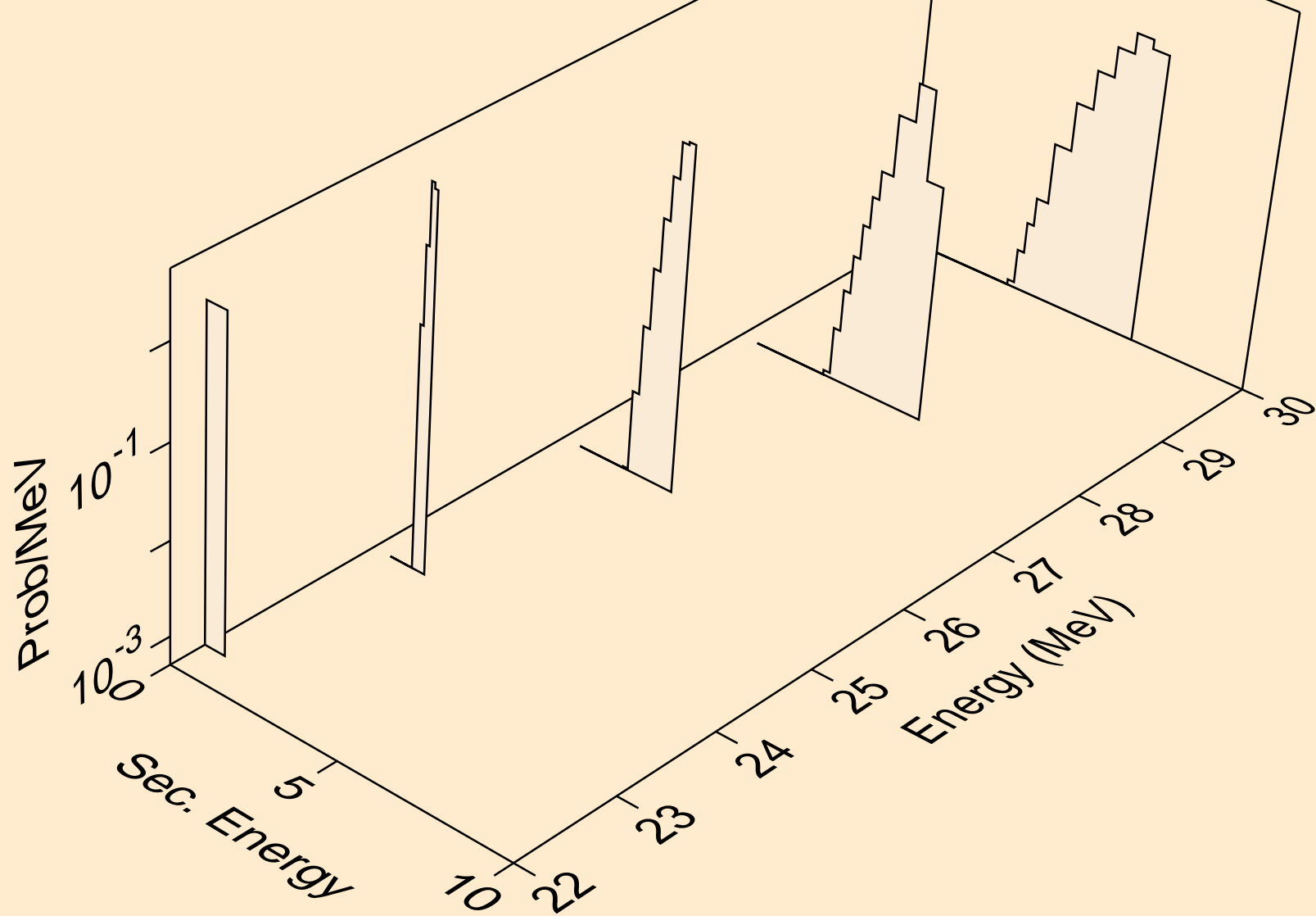
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tritons from (a,pt)



K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3





K047 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

