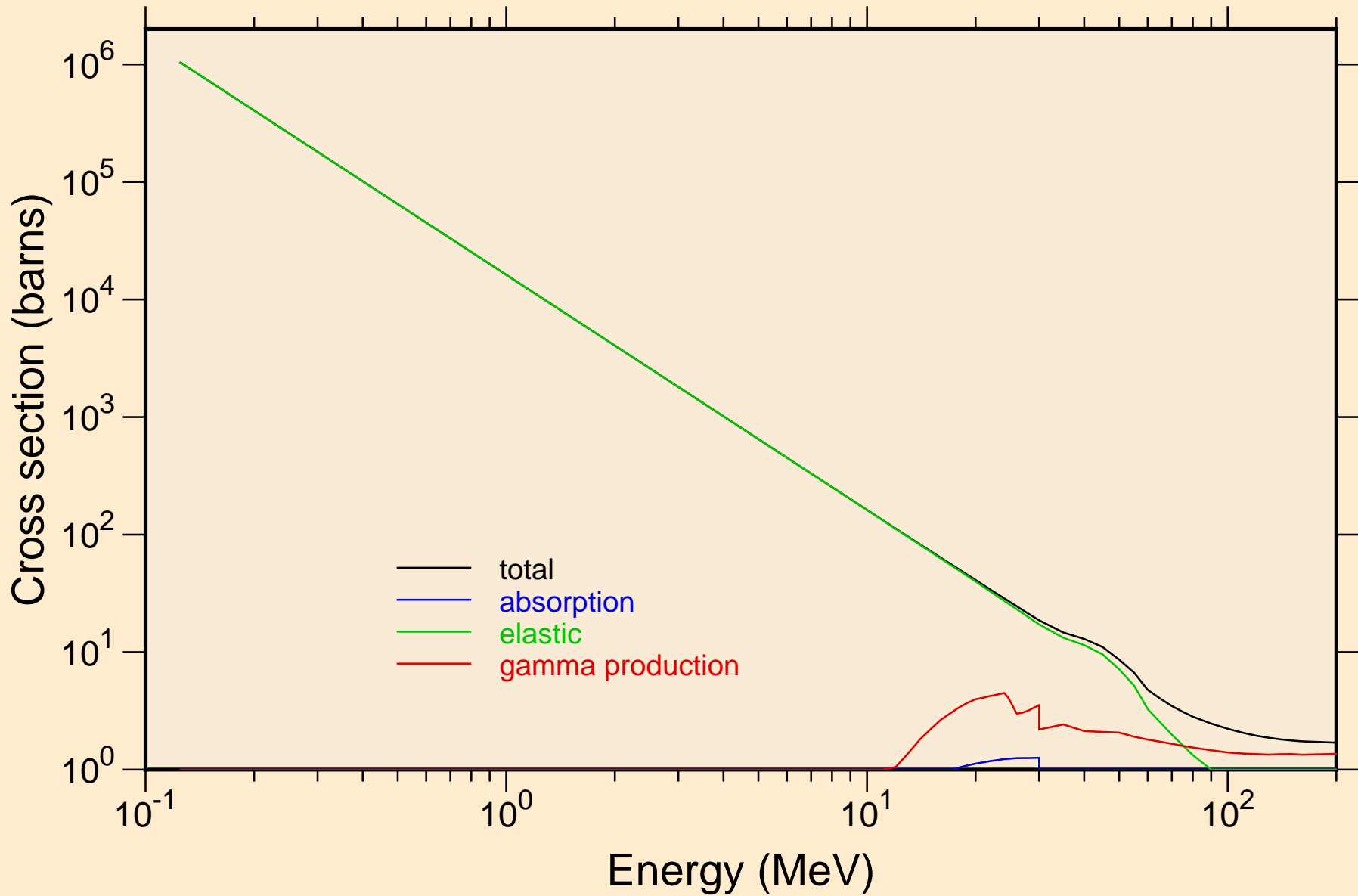
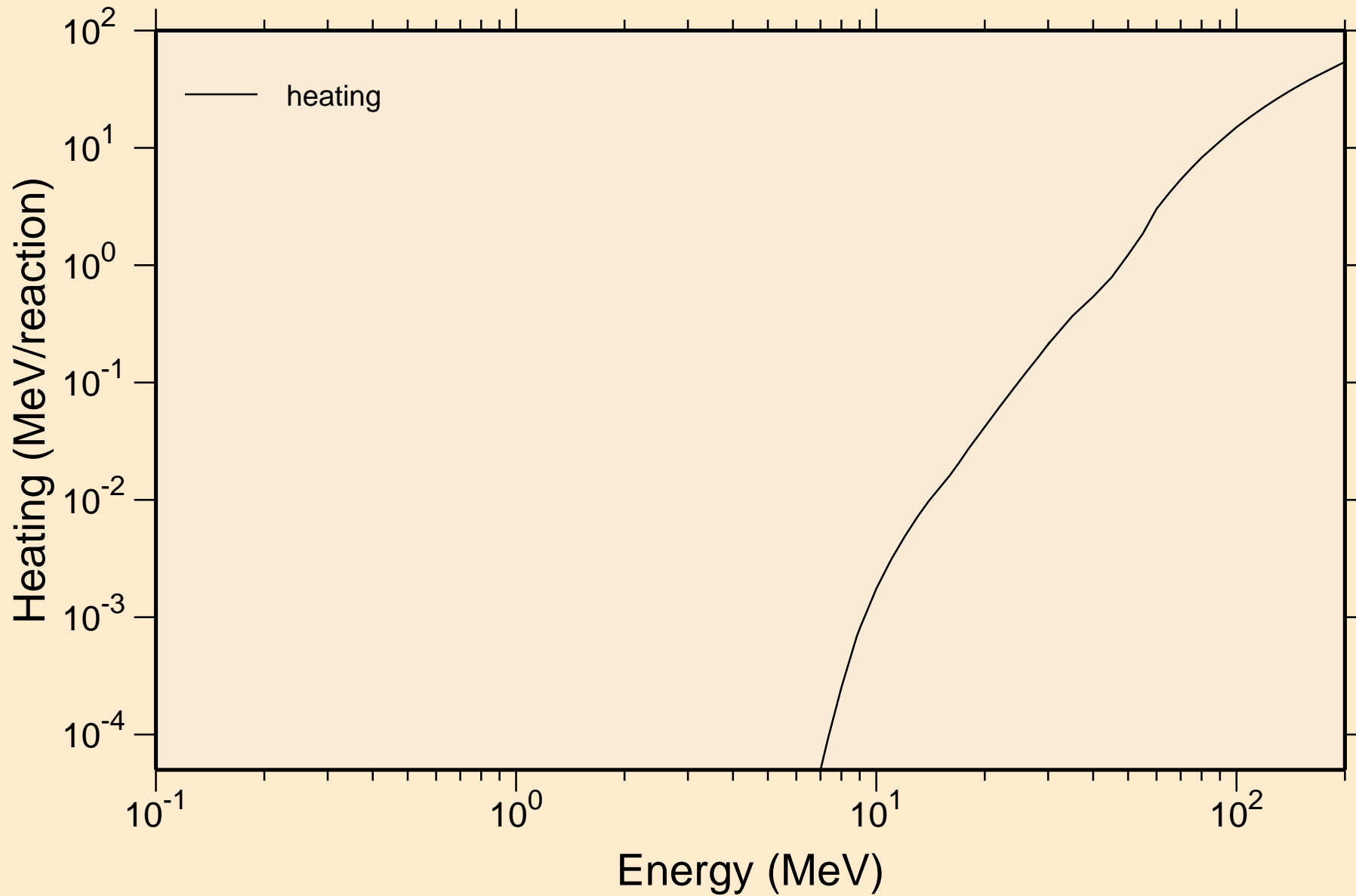


CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



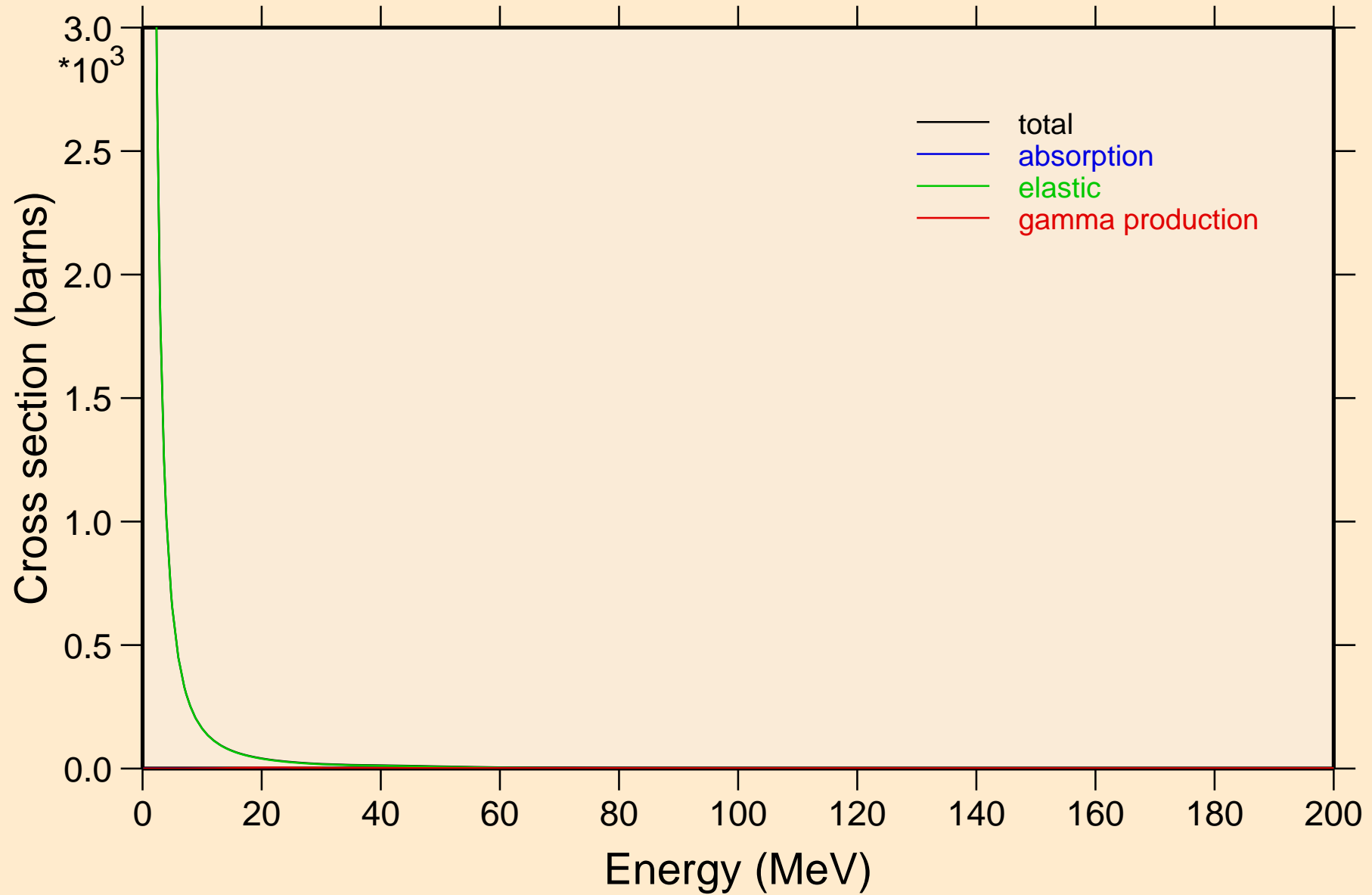
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## Heating



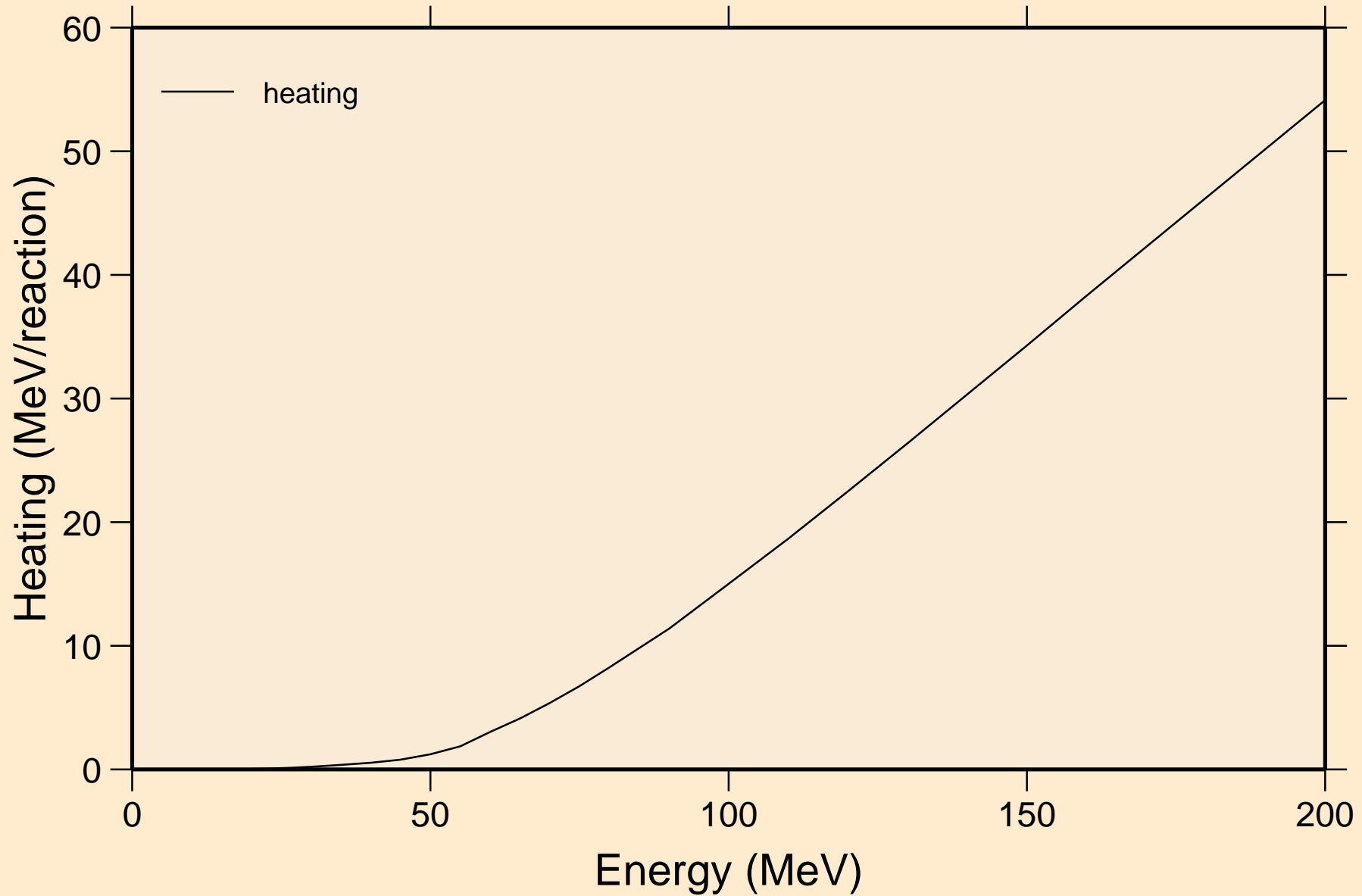
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## Principal cross sections

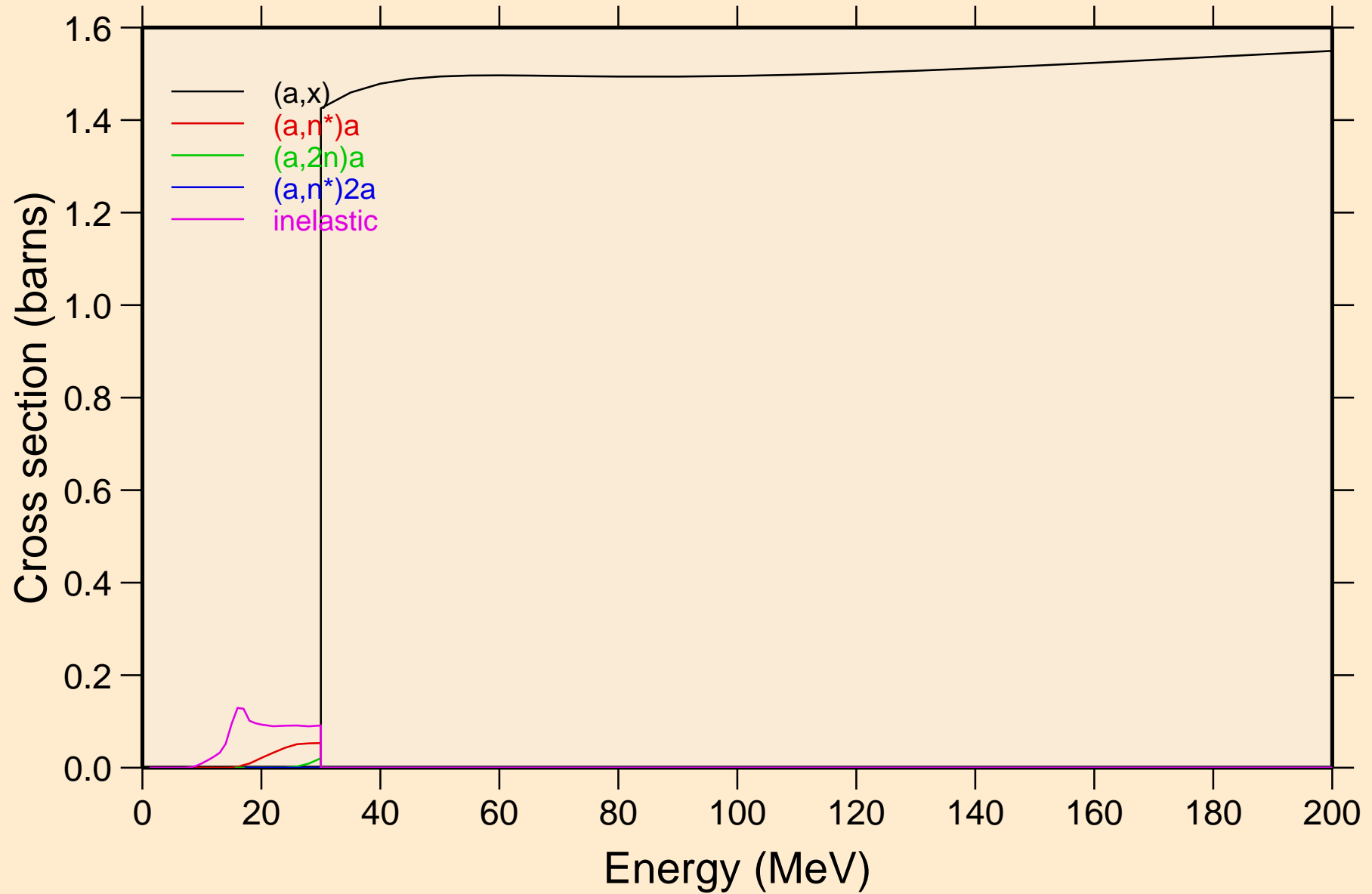


CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

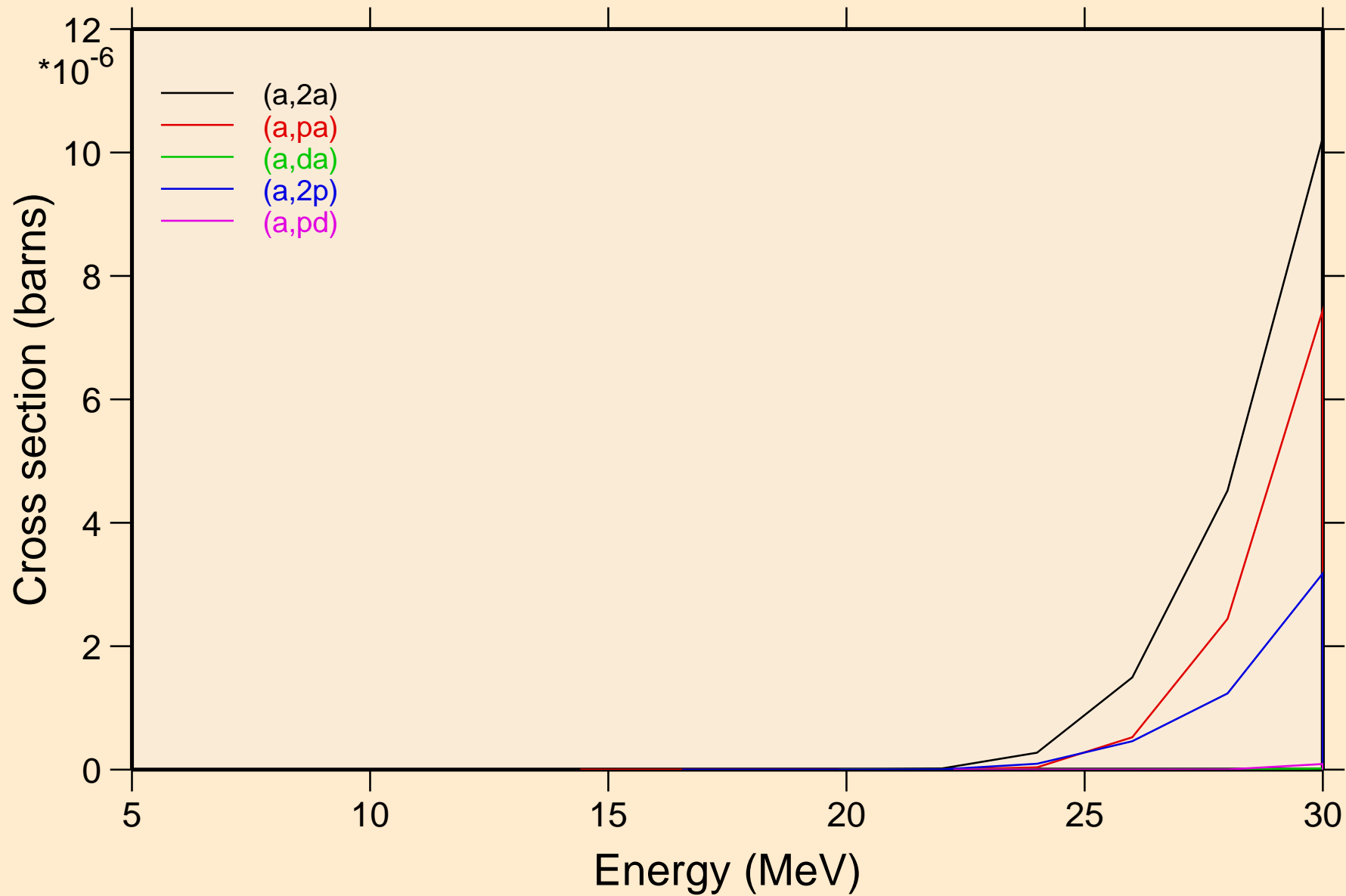
Heating



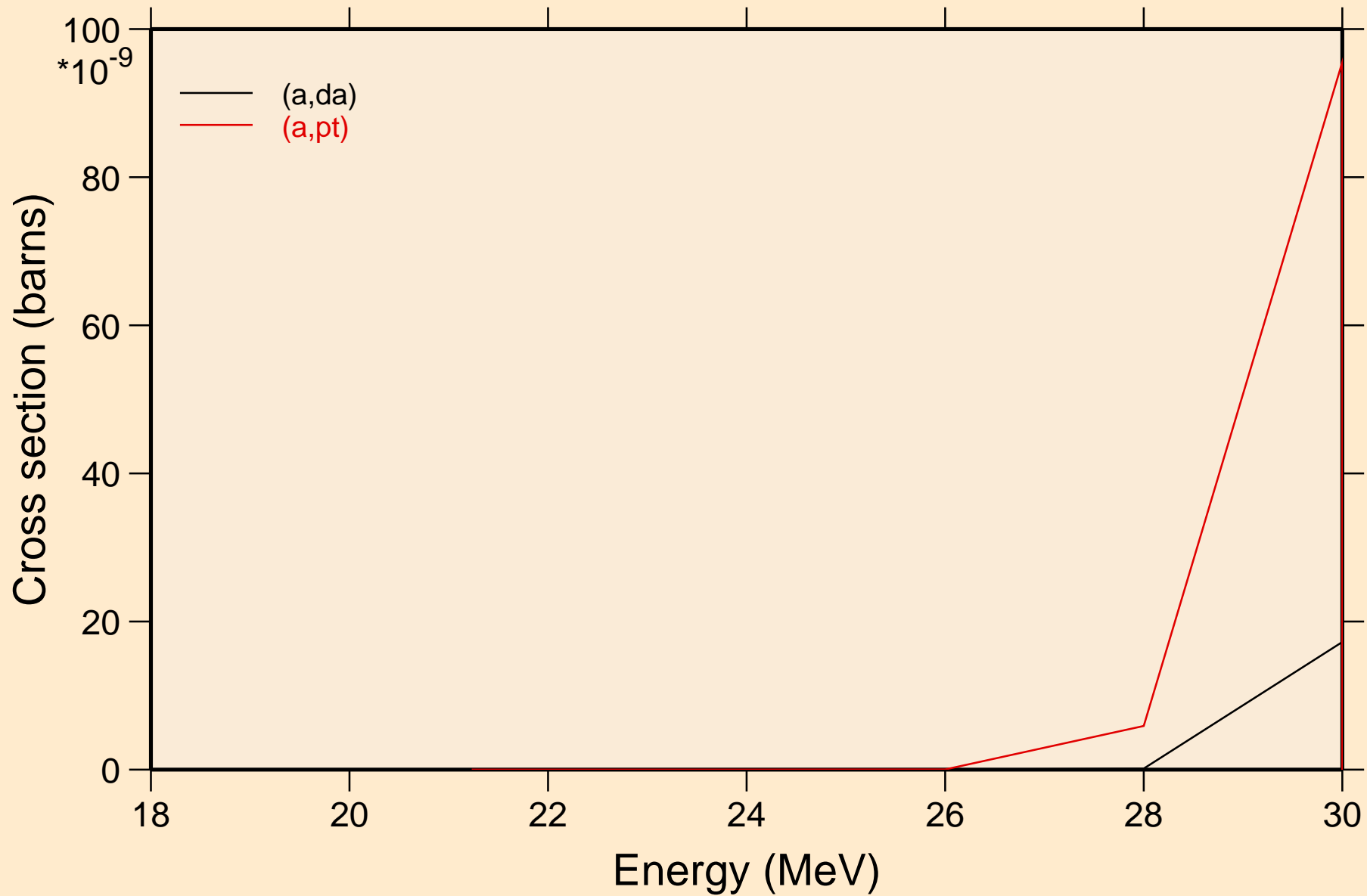
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Threshold reactions



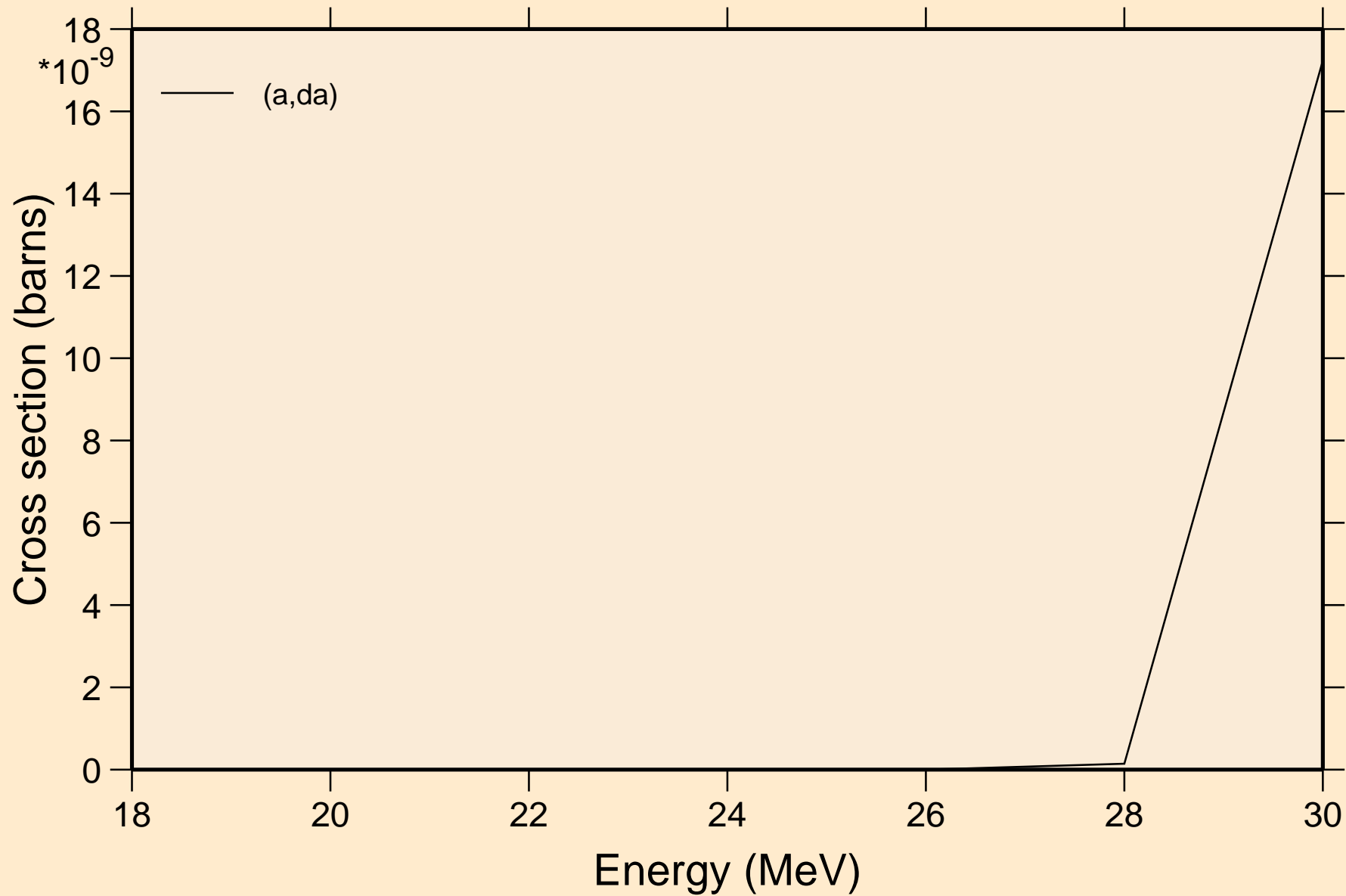
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

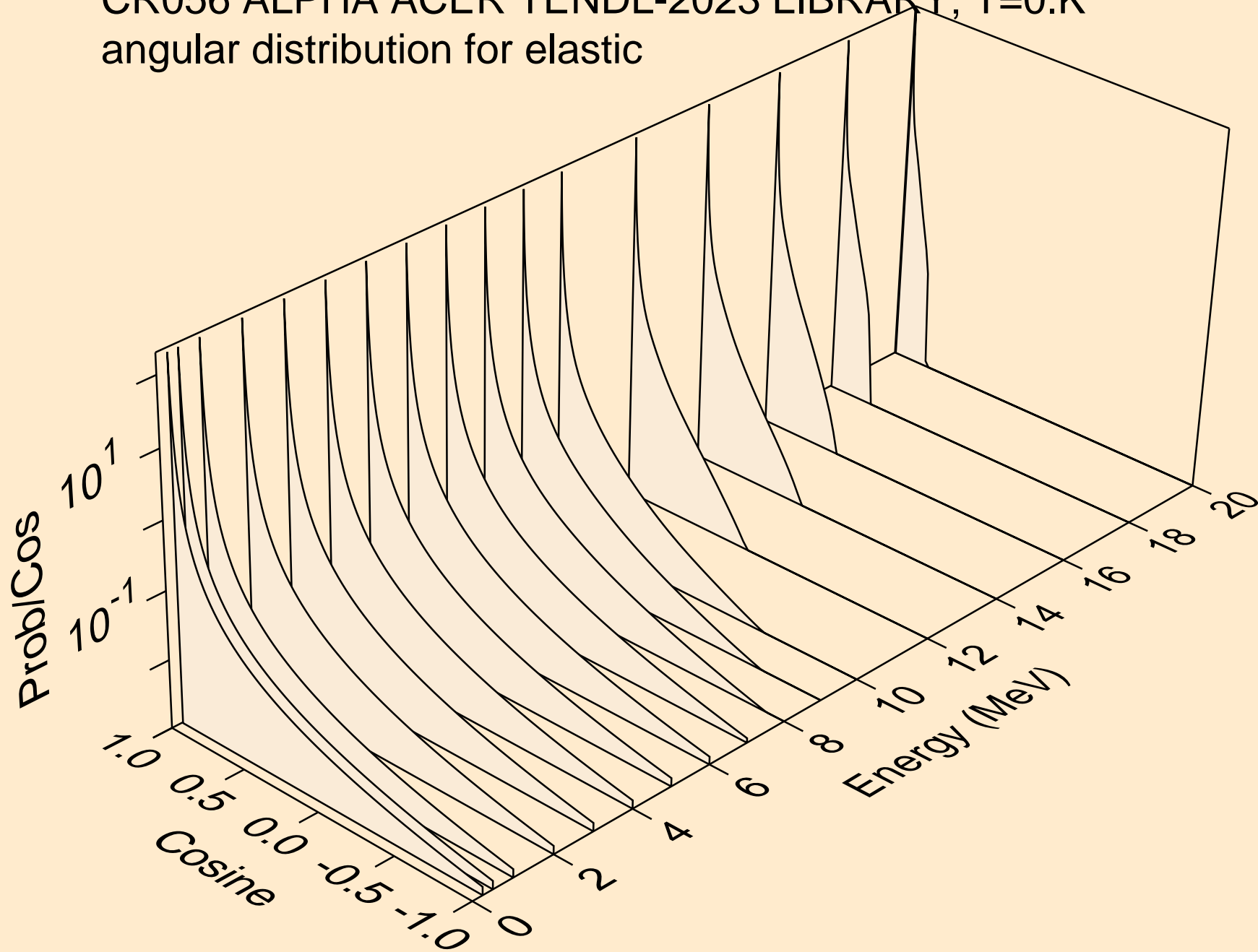


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Threshold reactions

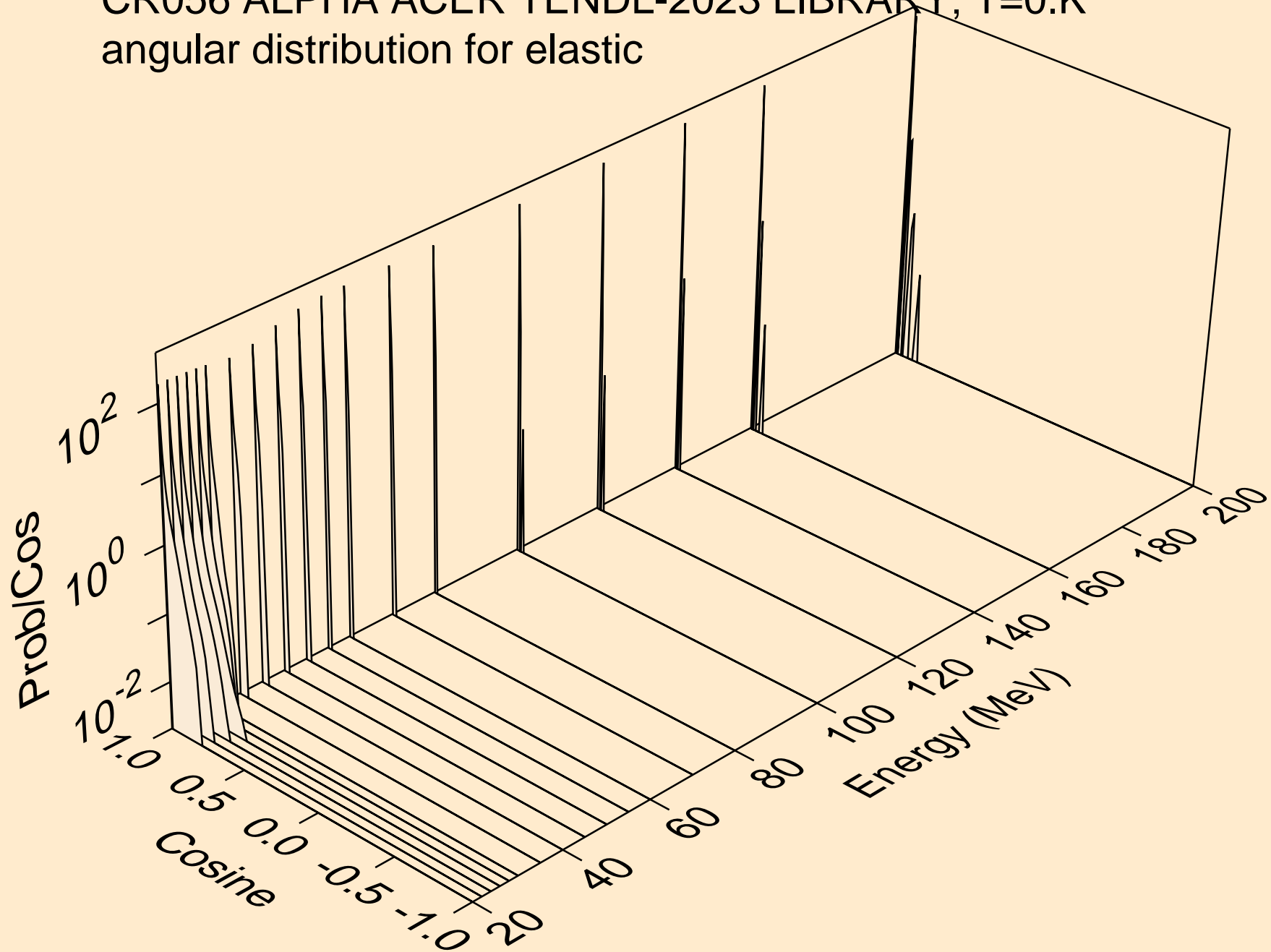




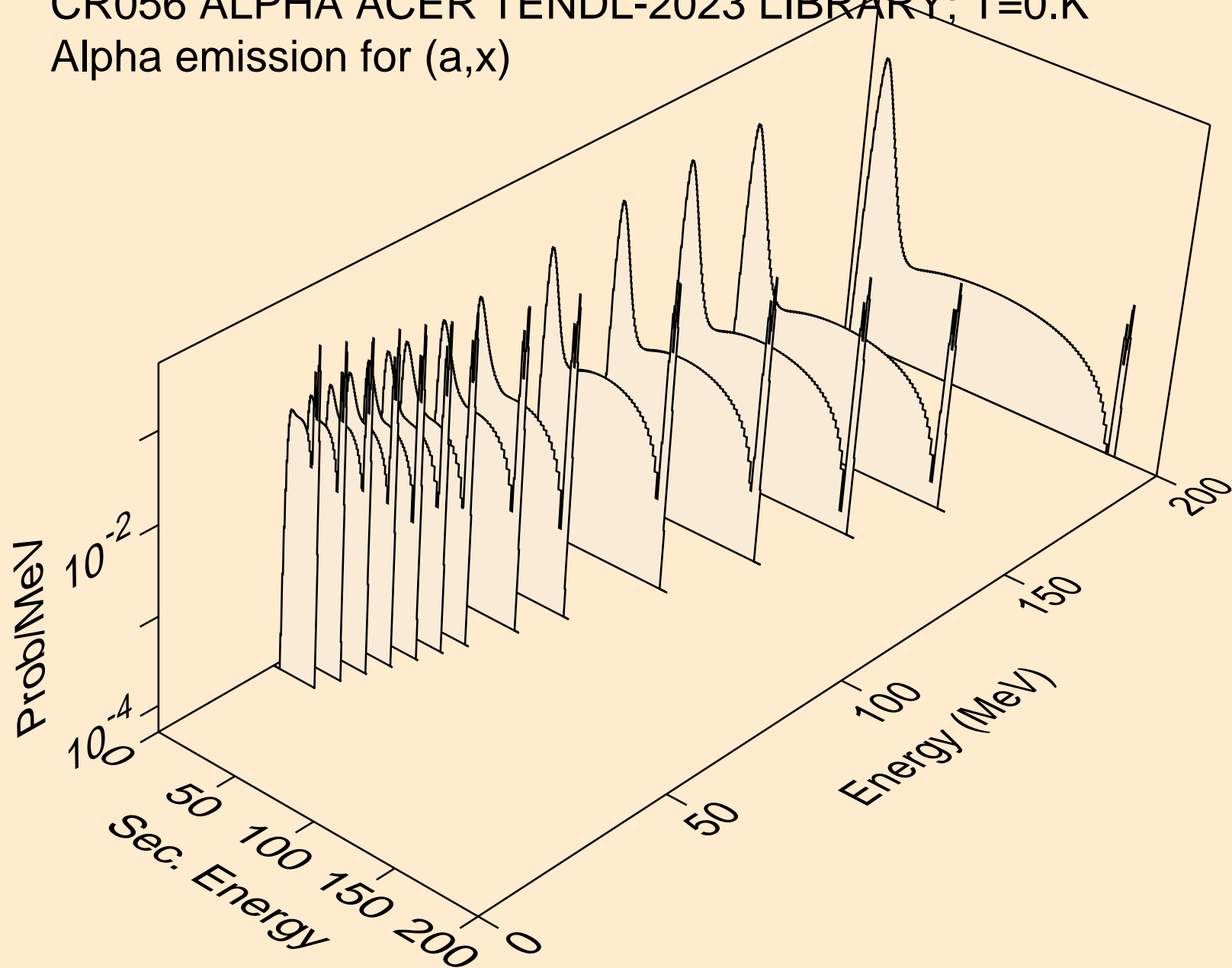
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angular distribution for elastic



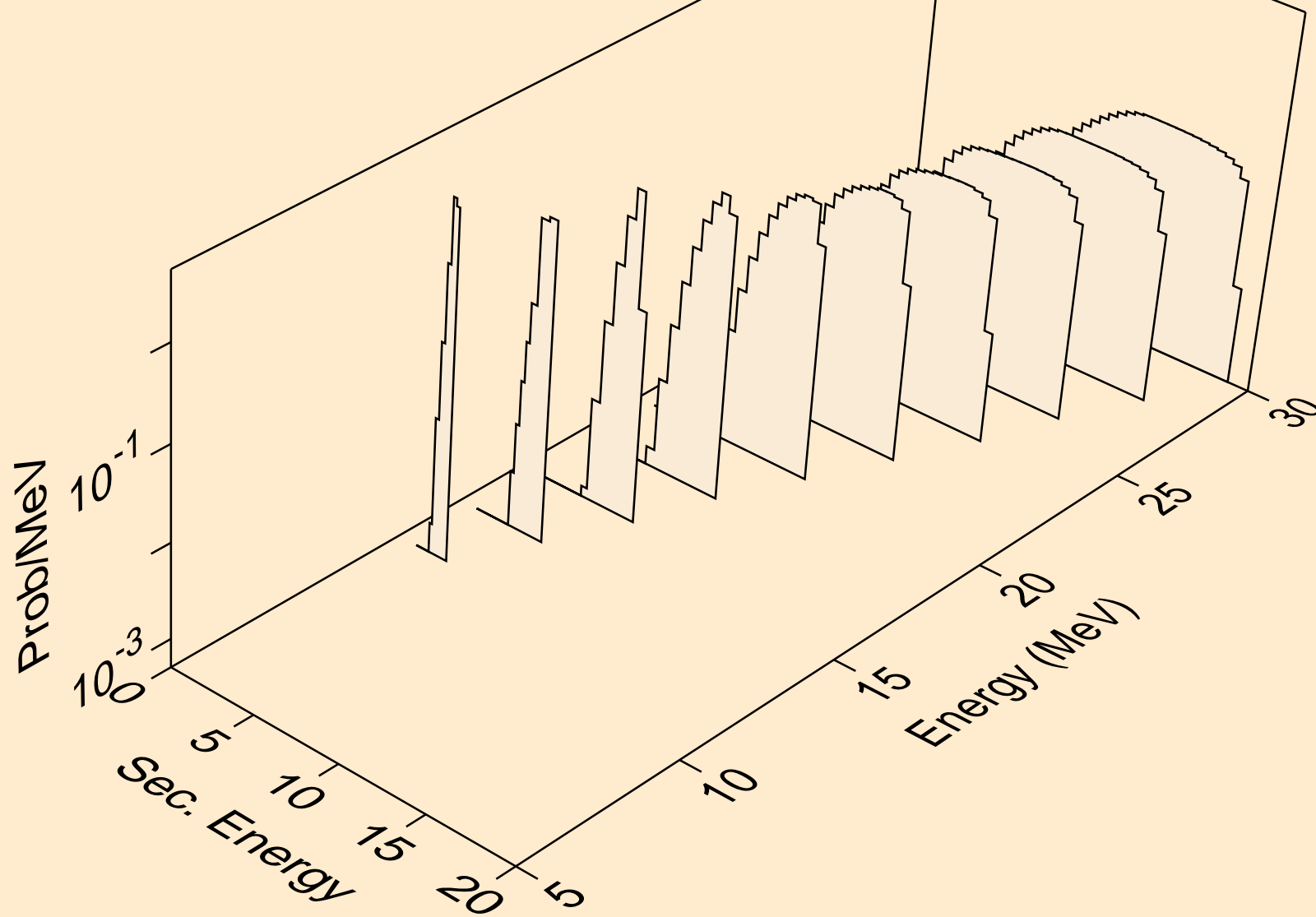
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angular distribution for elastic



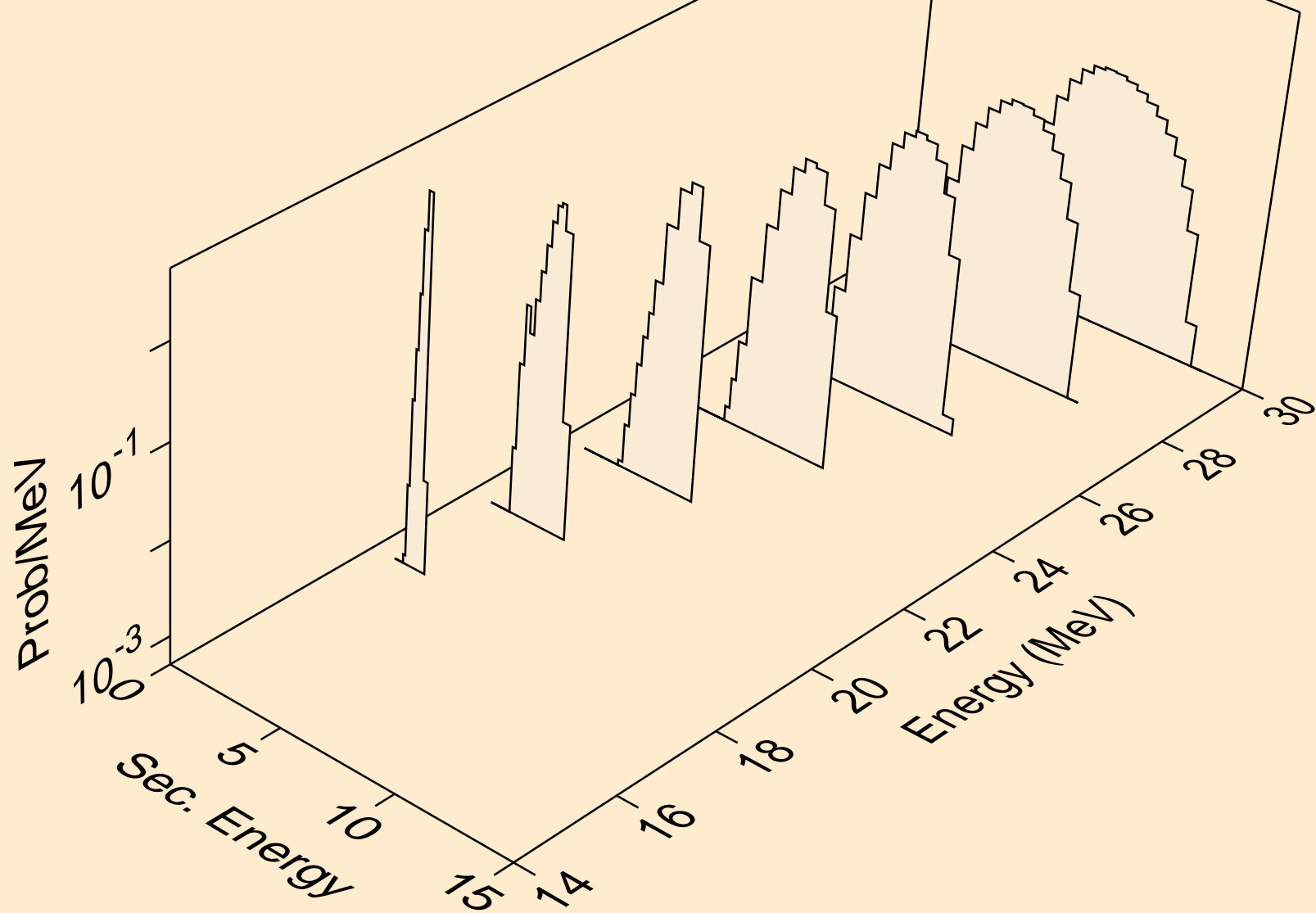
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



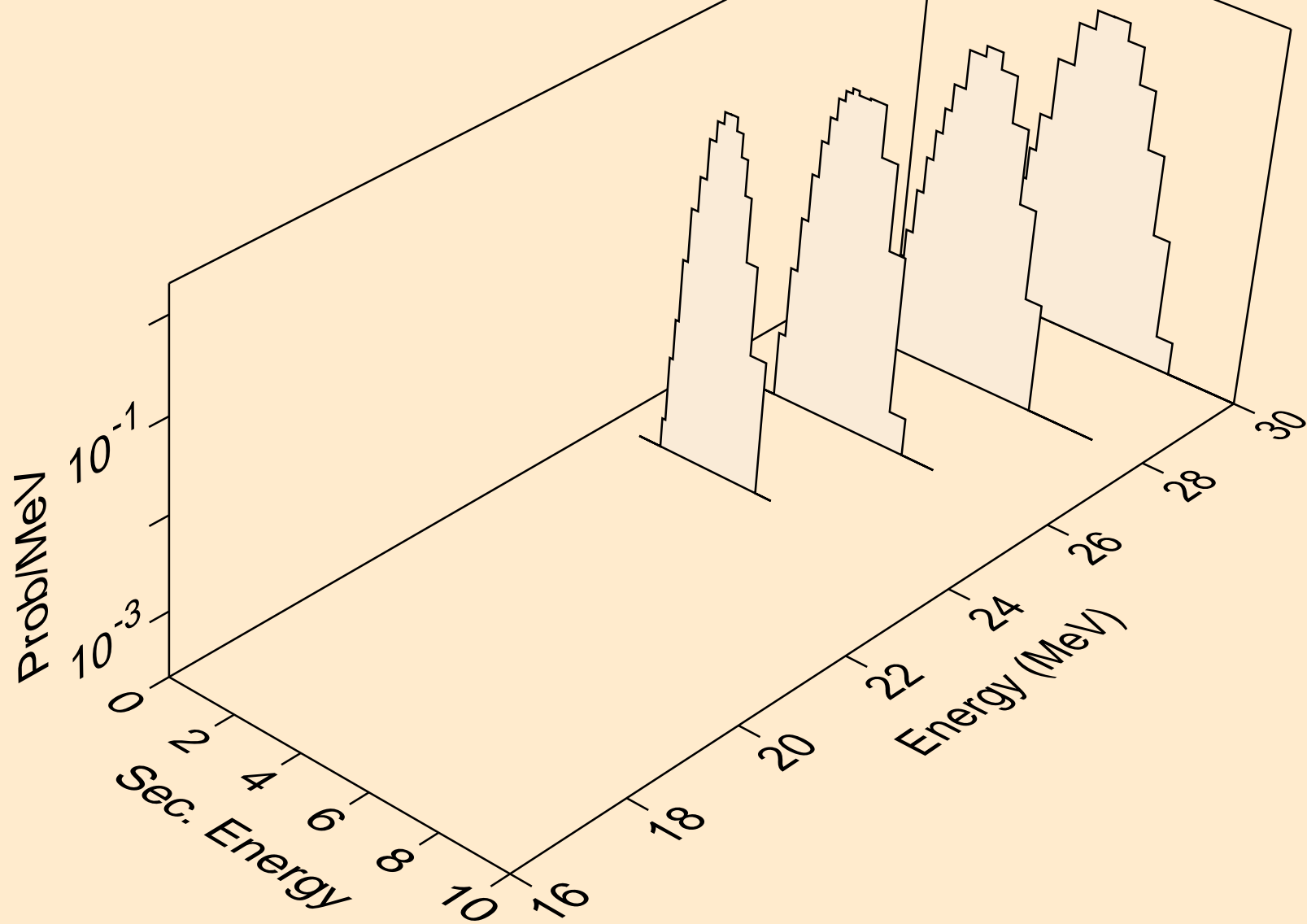
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



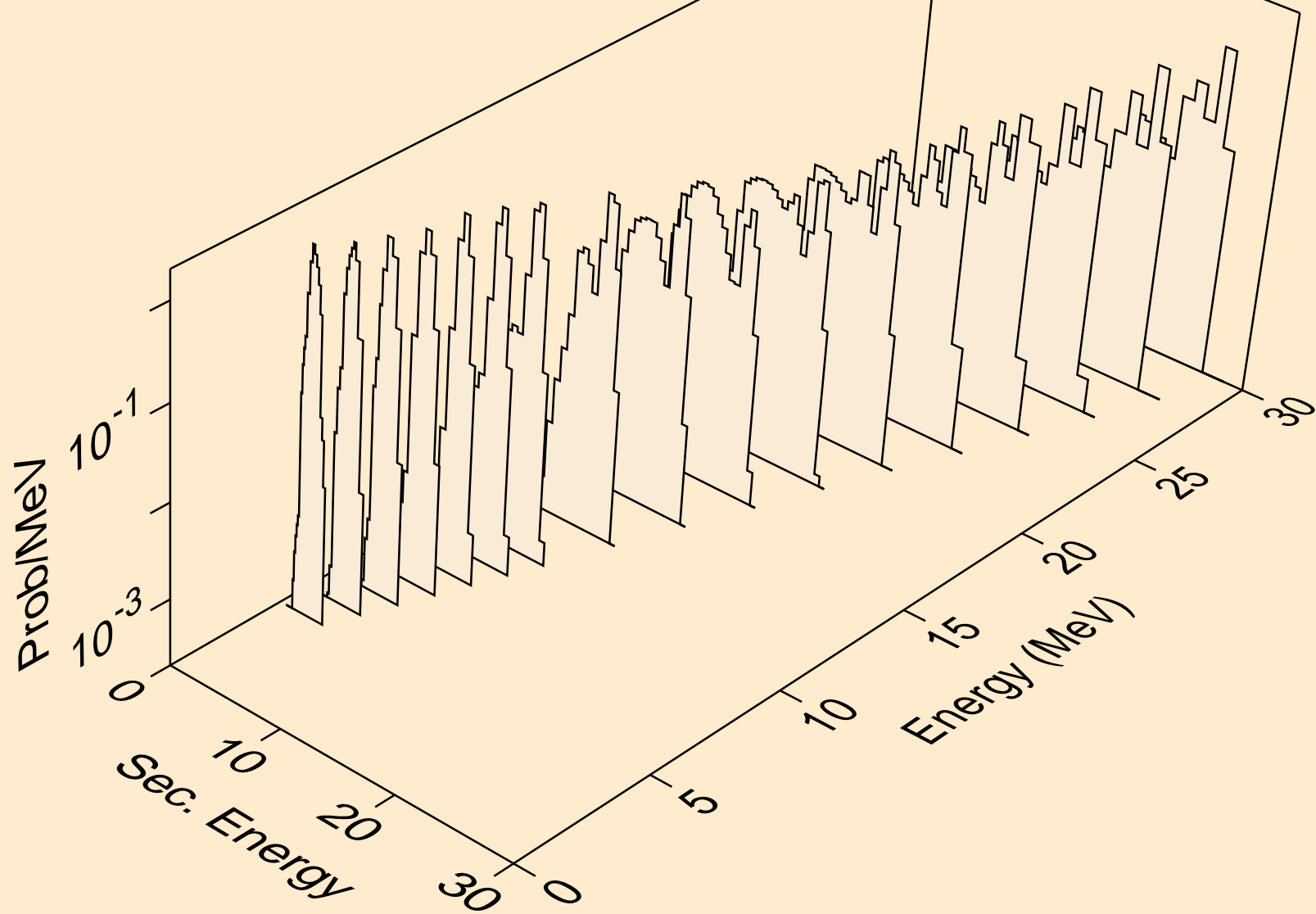
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



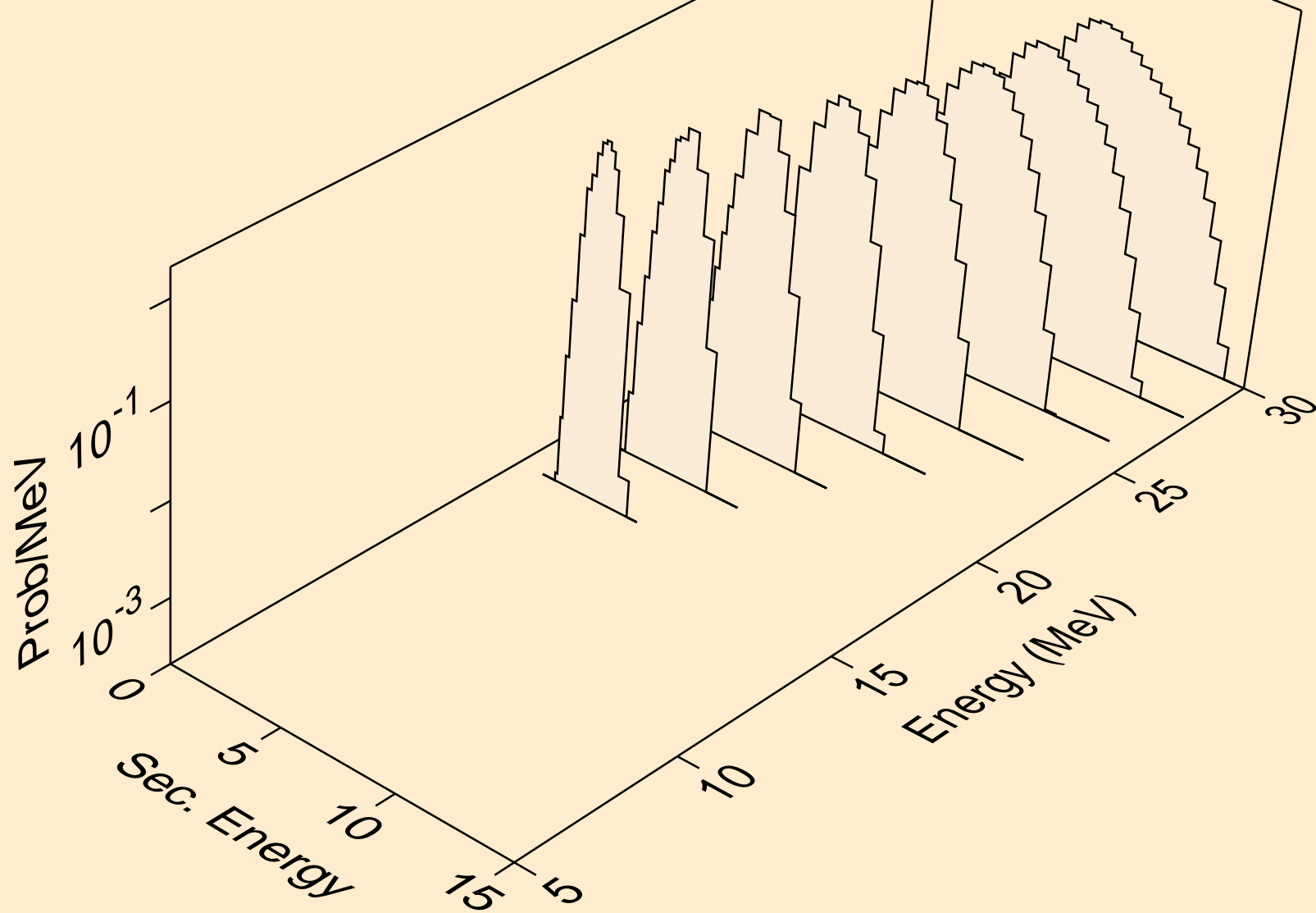
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

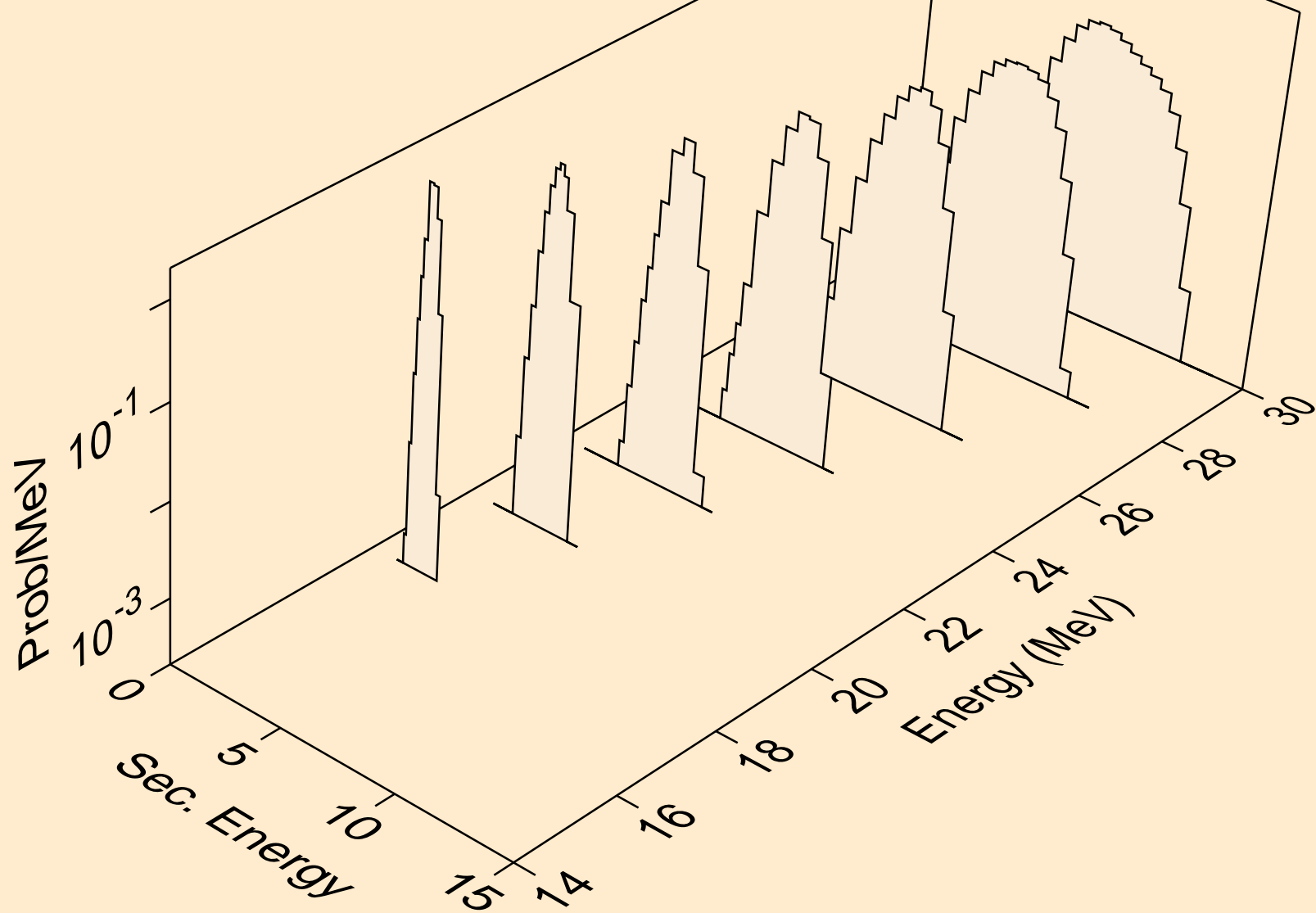


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Alpha emission for (a,2a)

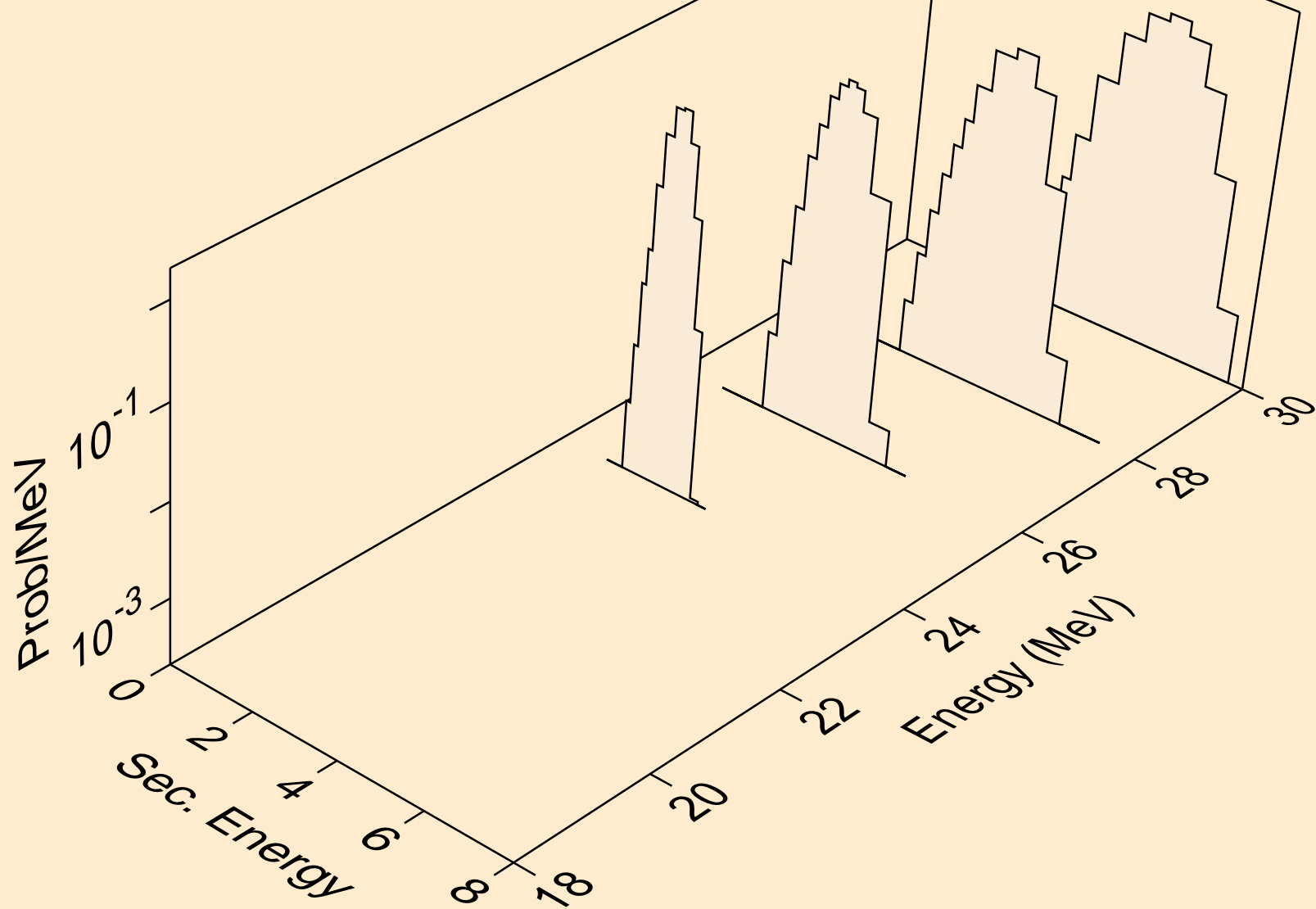




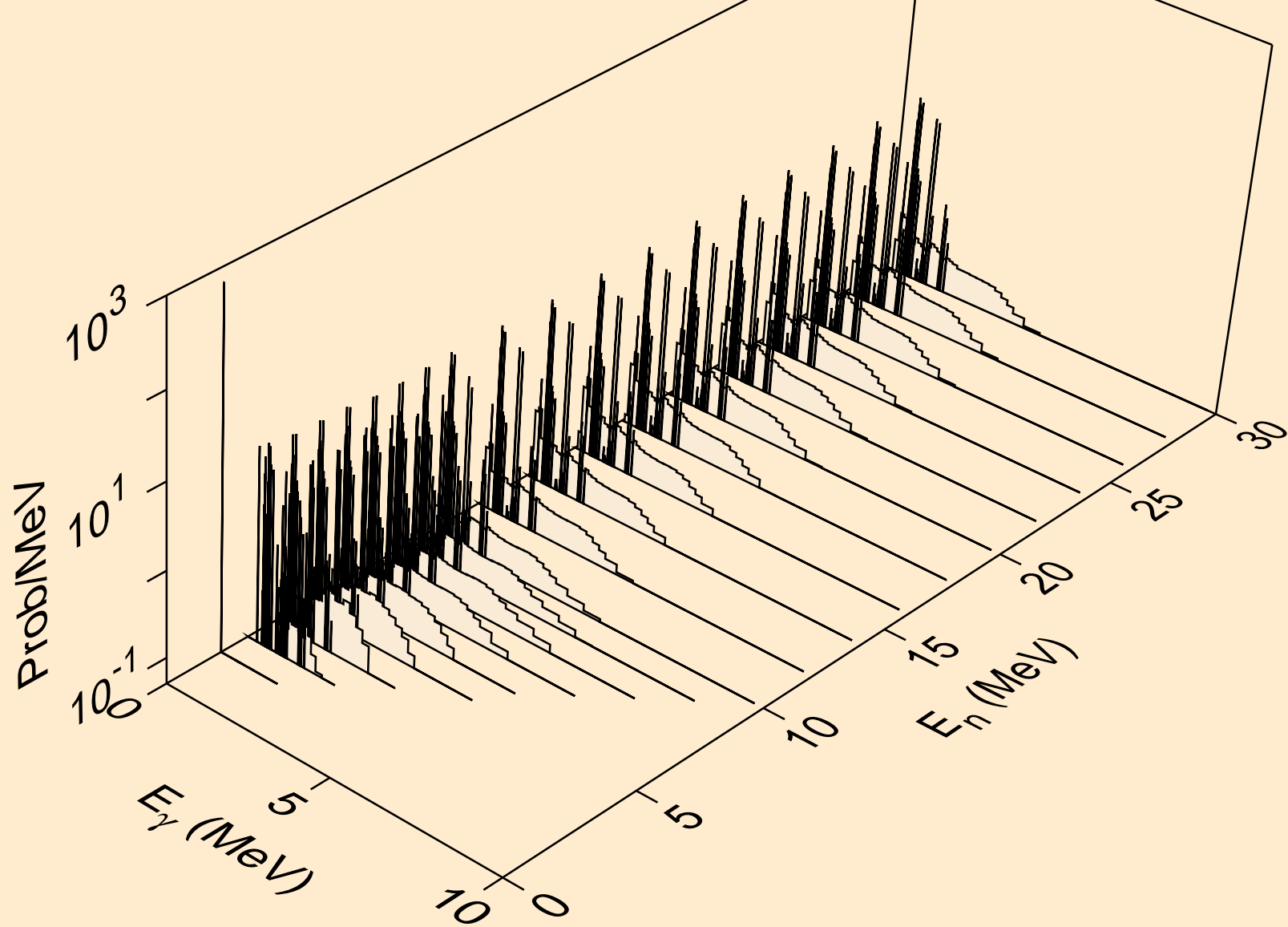
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Alpha emission for (a,pa)



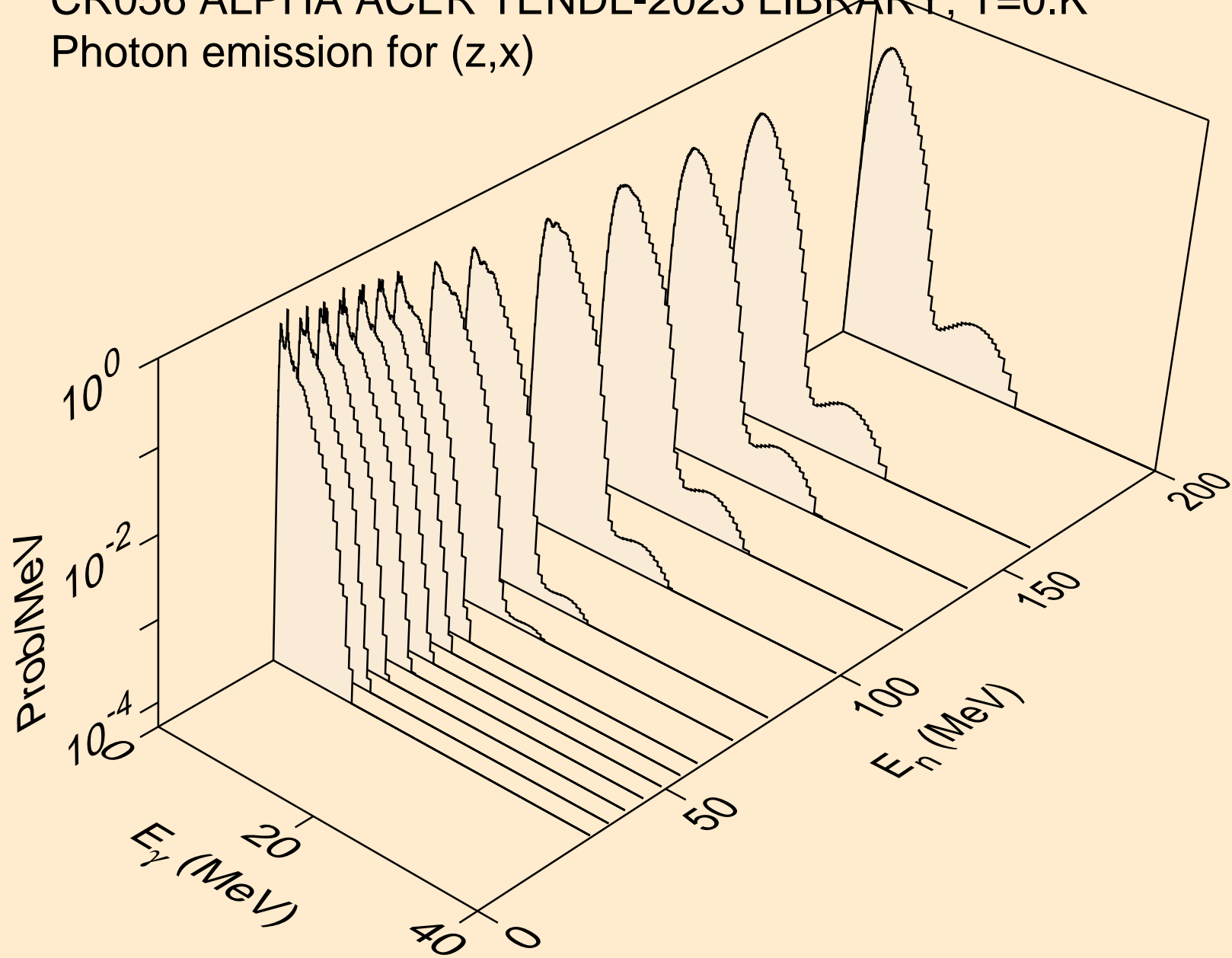
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Alpha emission for (a,da)



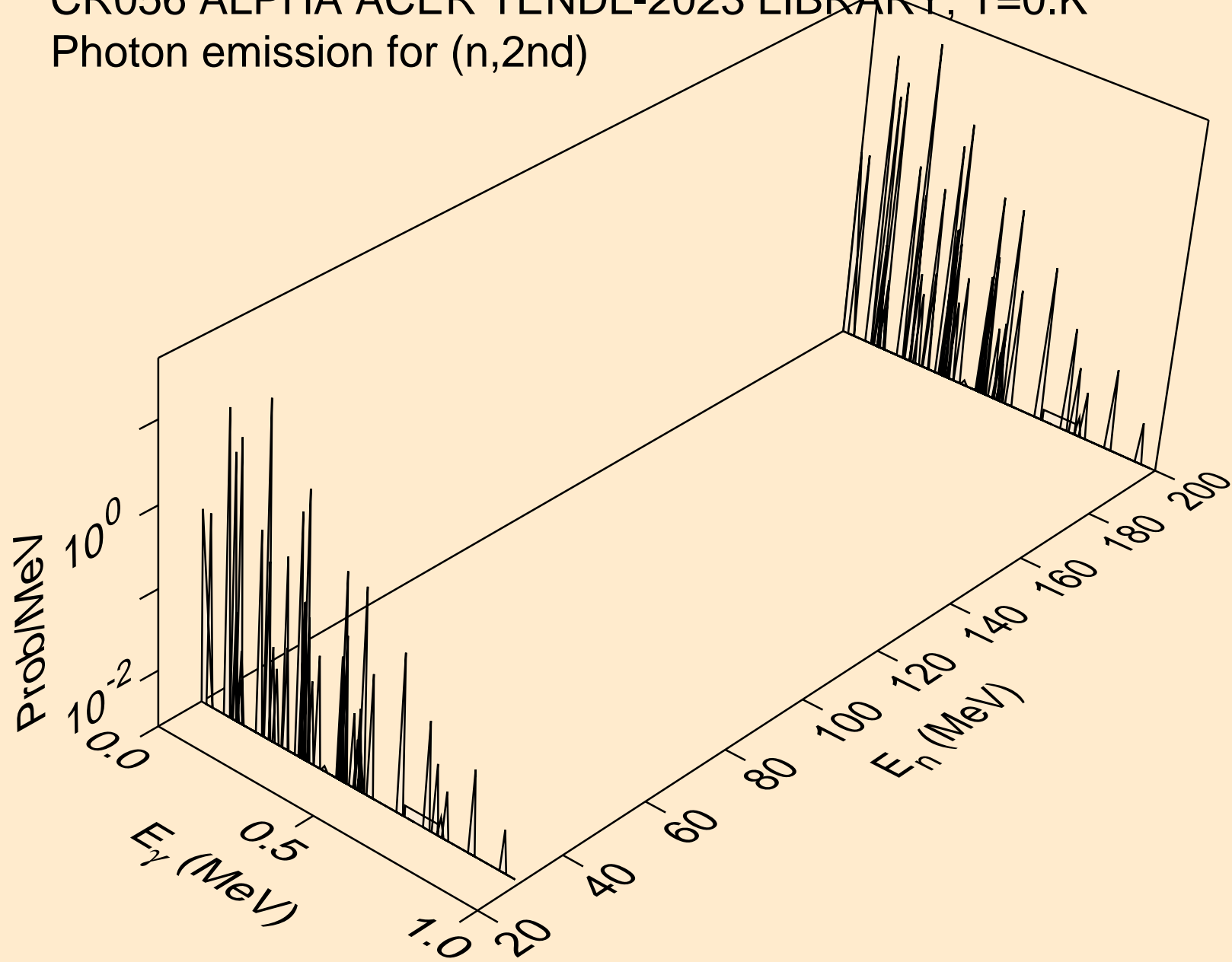
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Photon emission for (z,n)



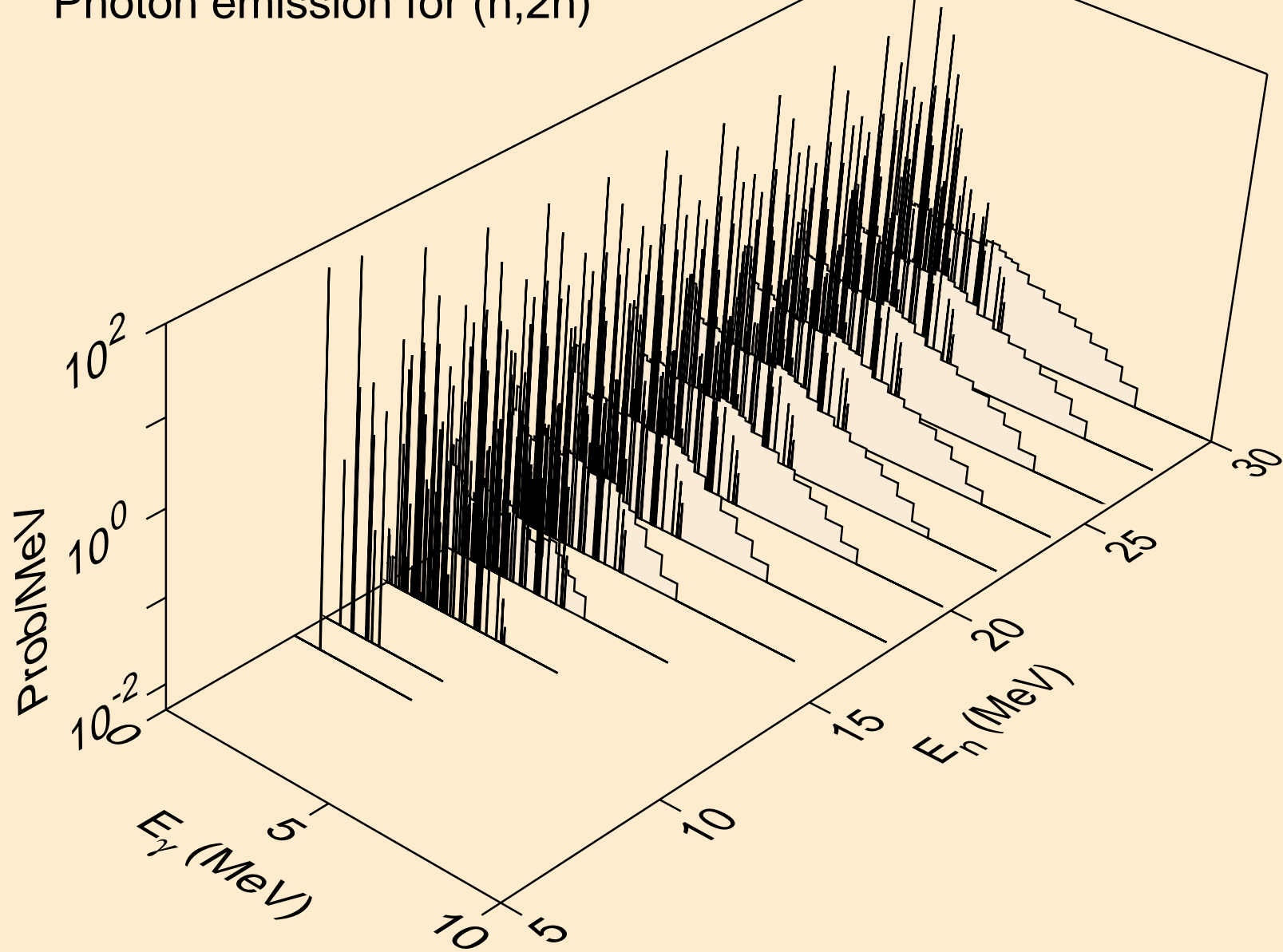
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Photon emission for (z,x)



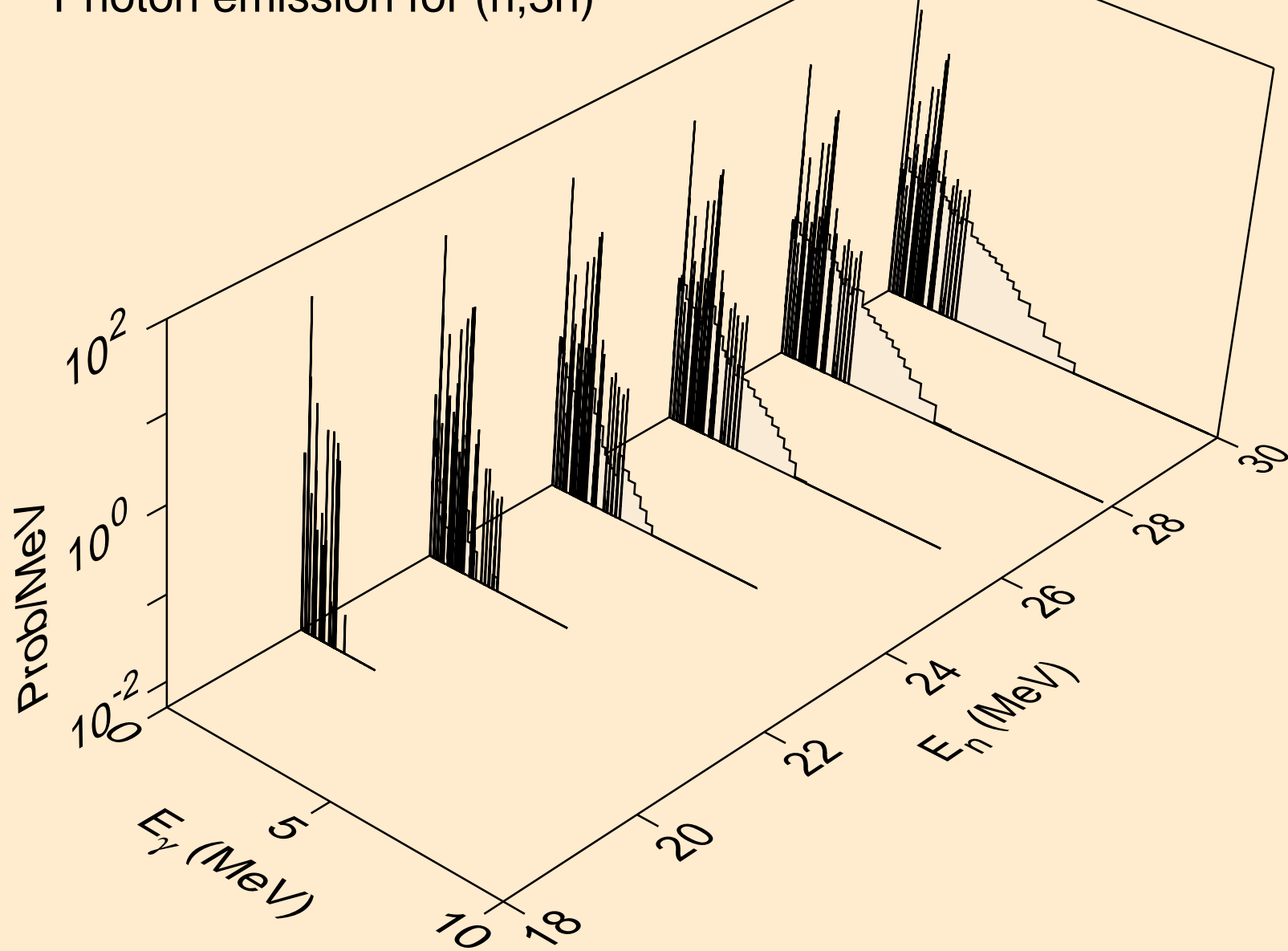
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Photon emission for (n,2nd)



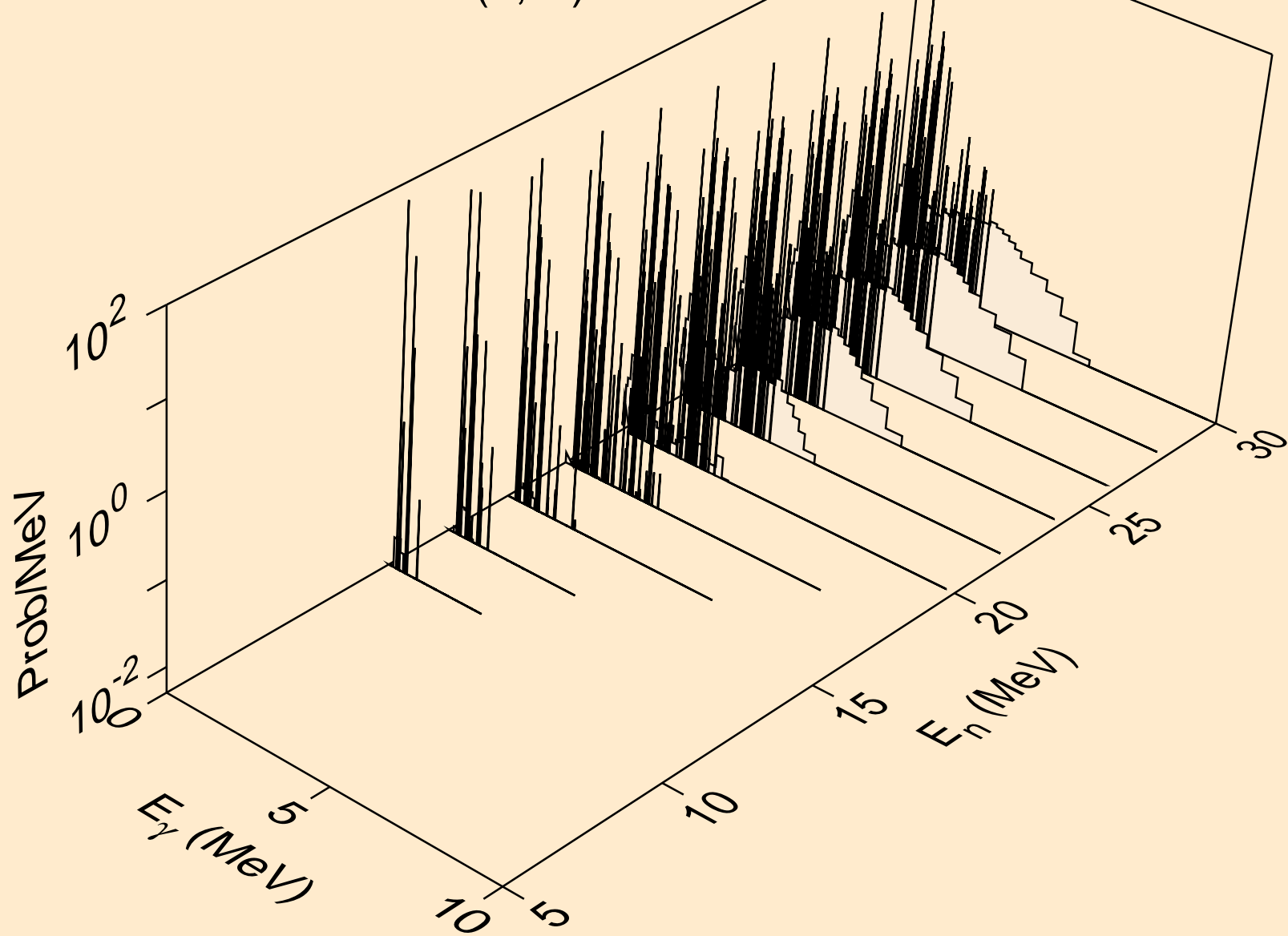
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

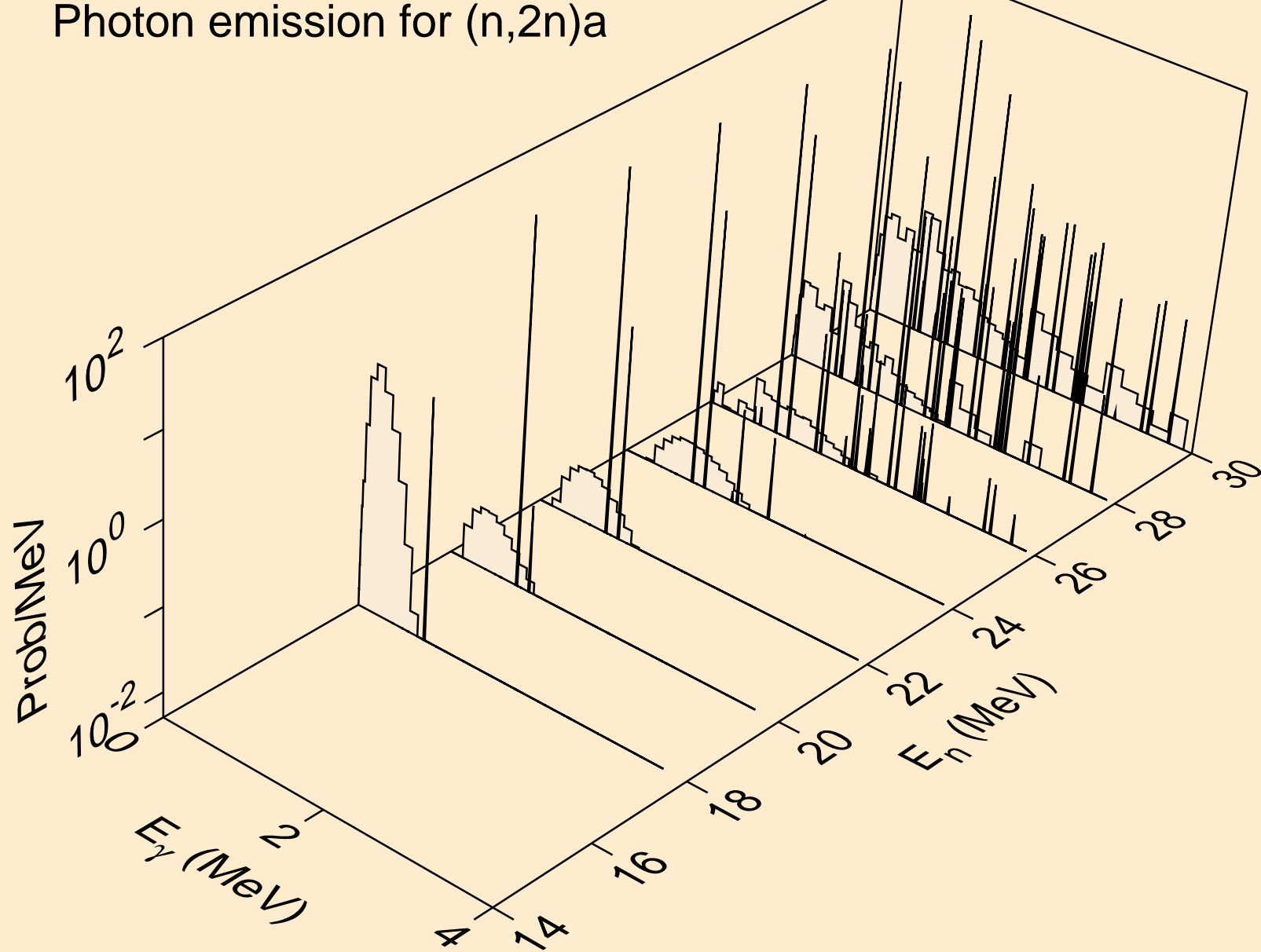


CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

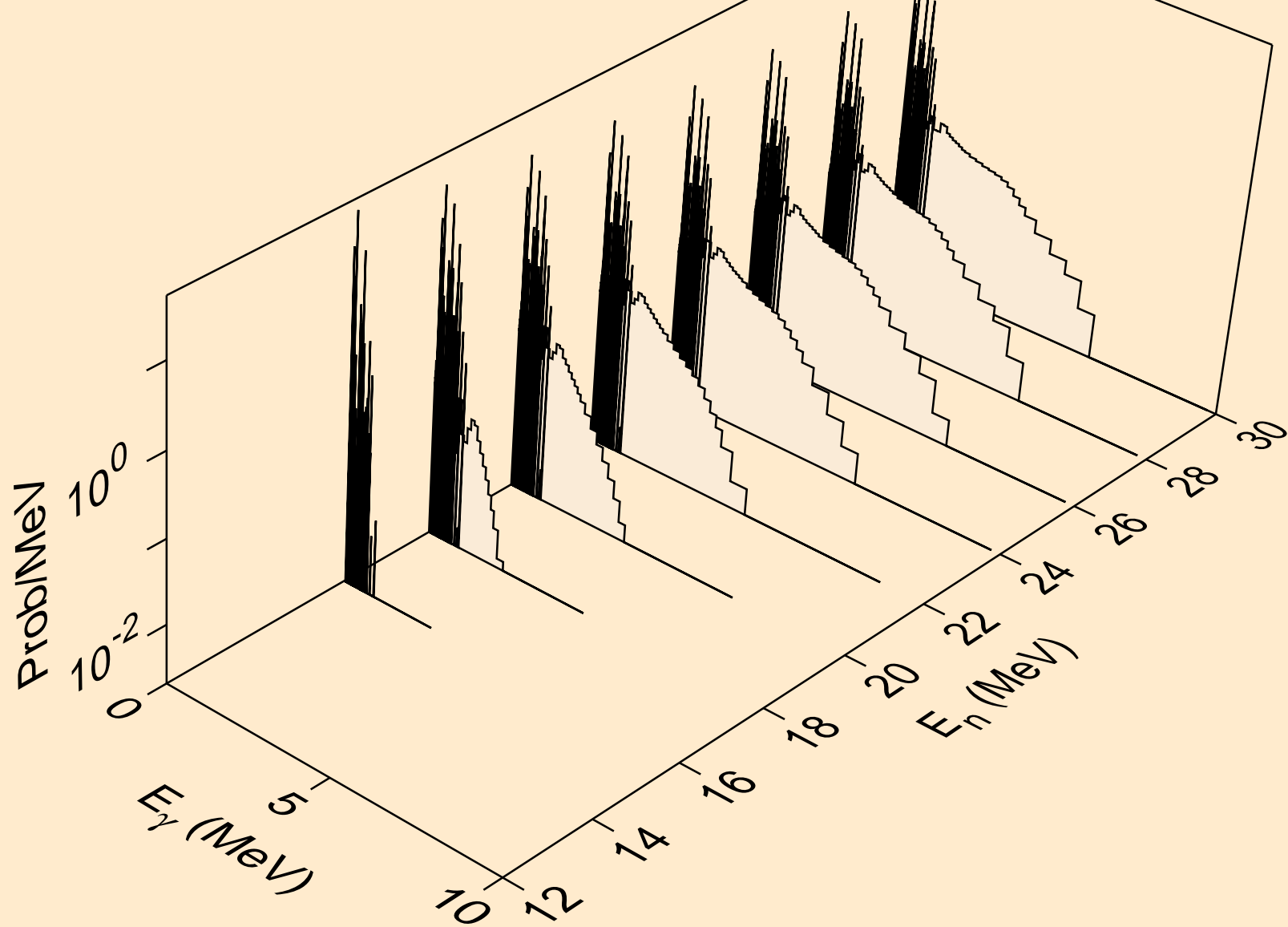




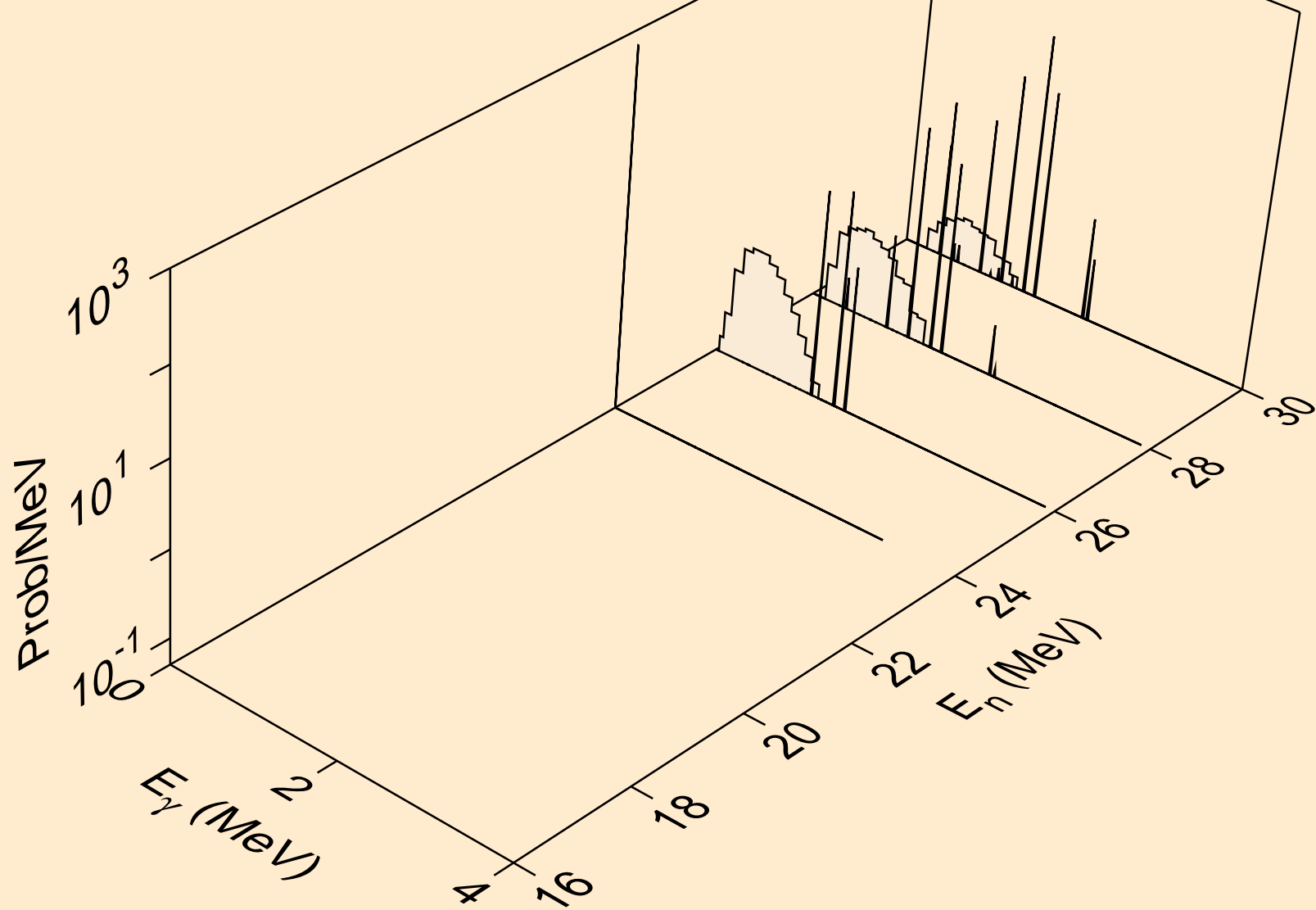
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Photon emission for (n,2n)a



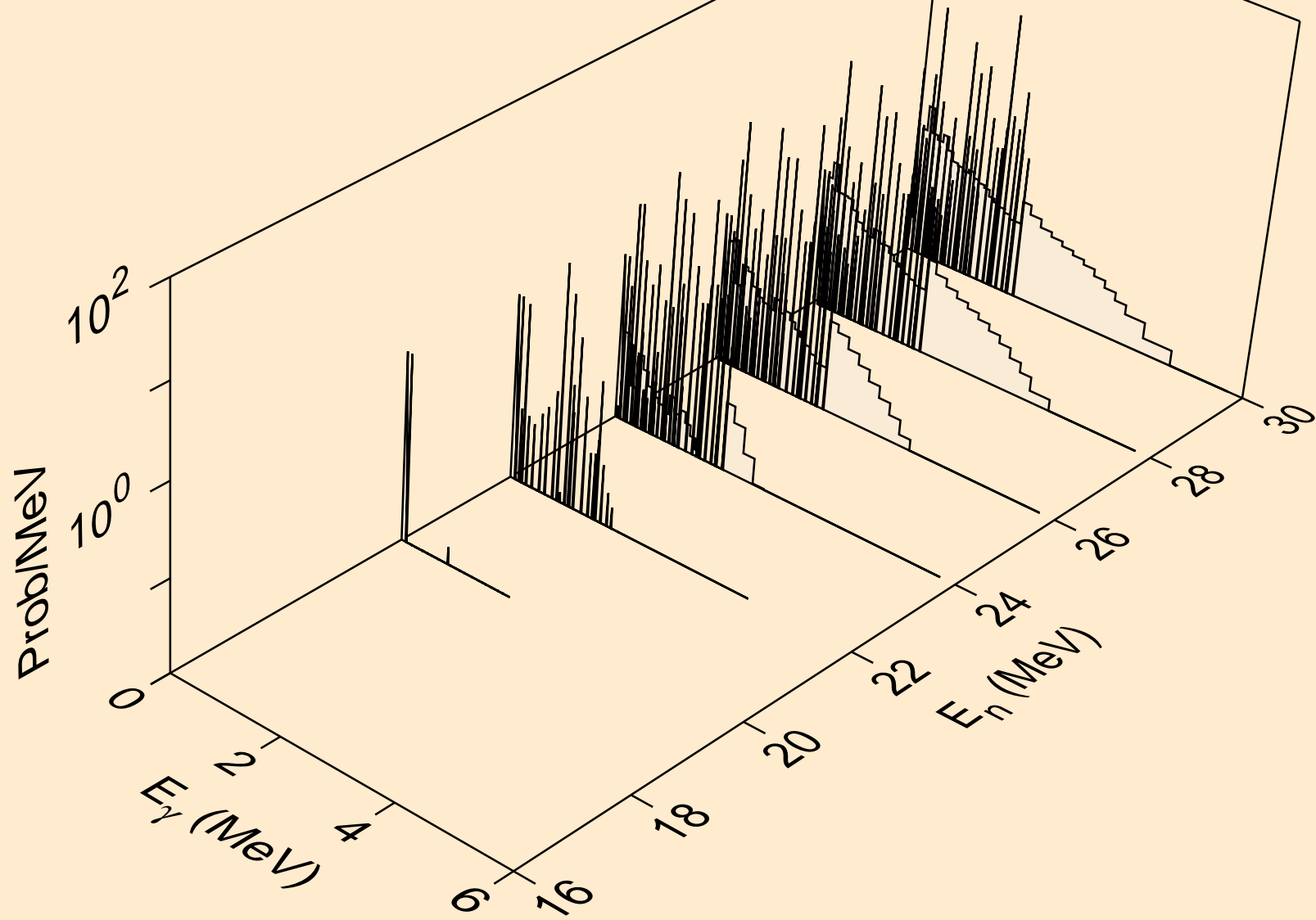
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Photon emission for (n,n\*)p



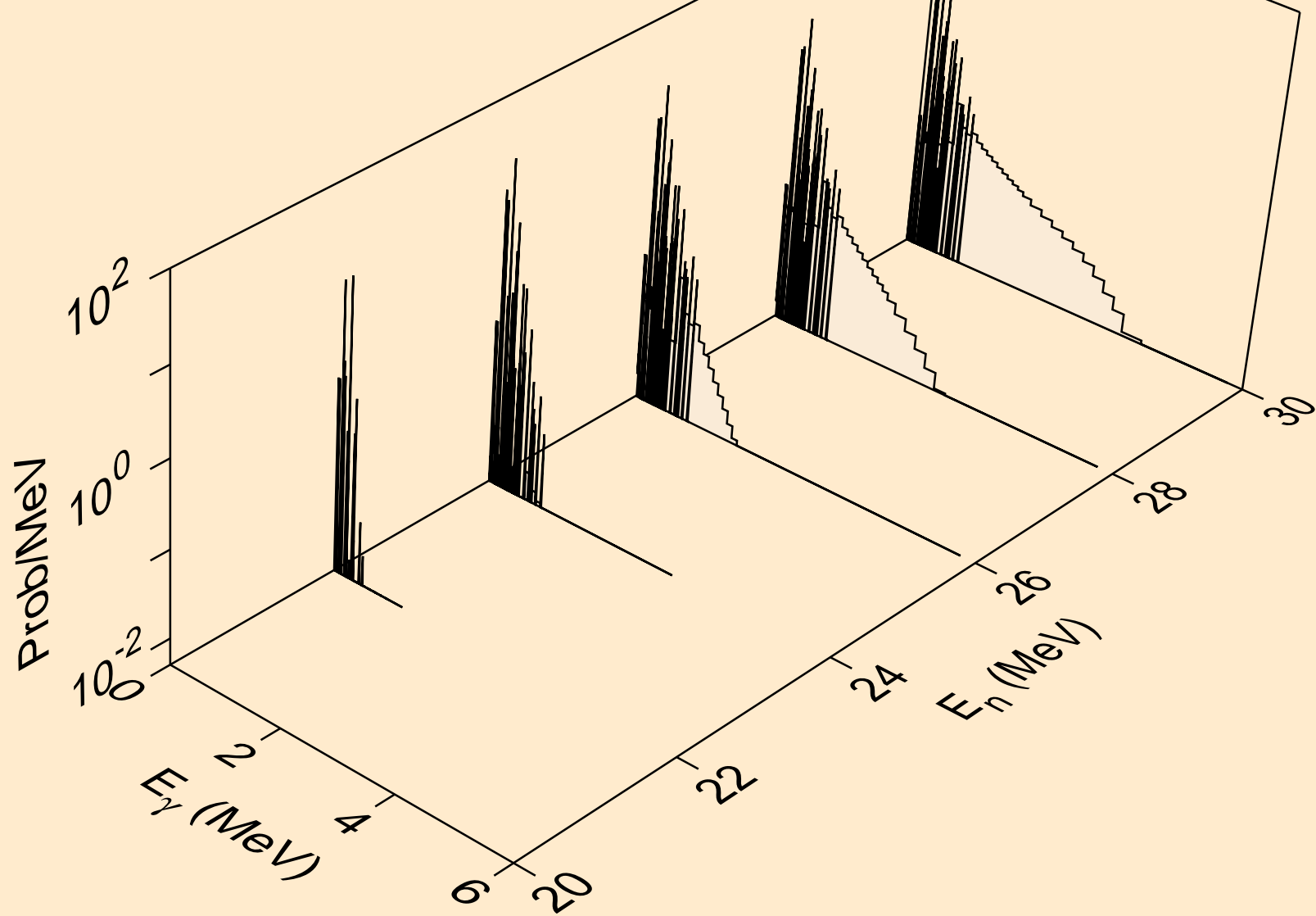
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Photon emission for (n,n\*)2a



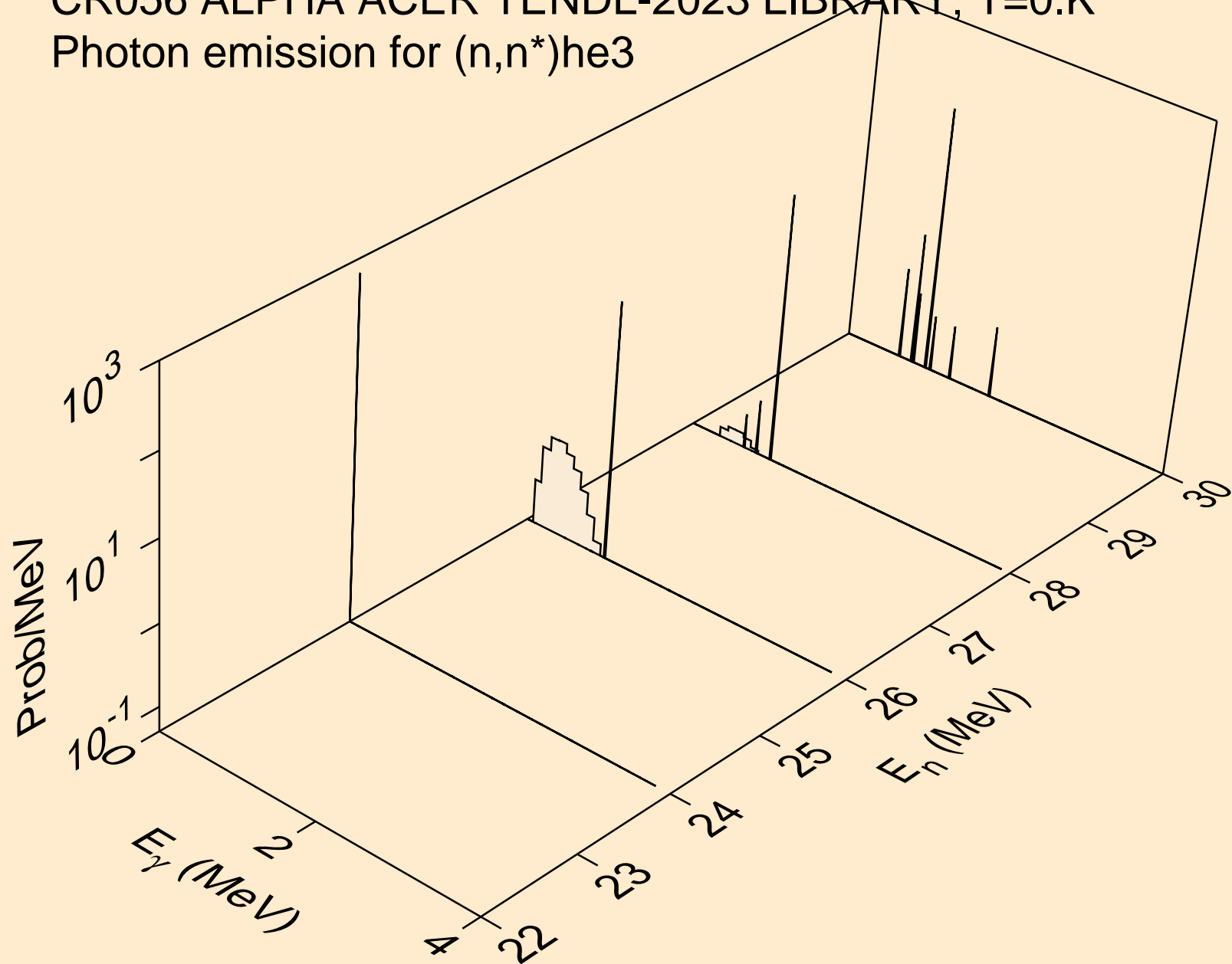
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Photon emission for (n,n\*)d



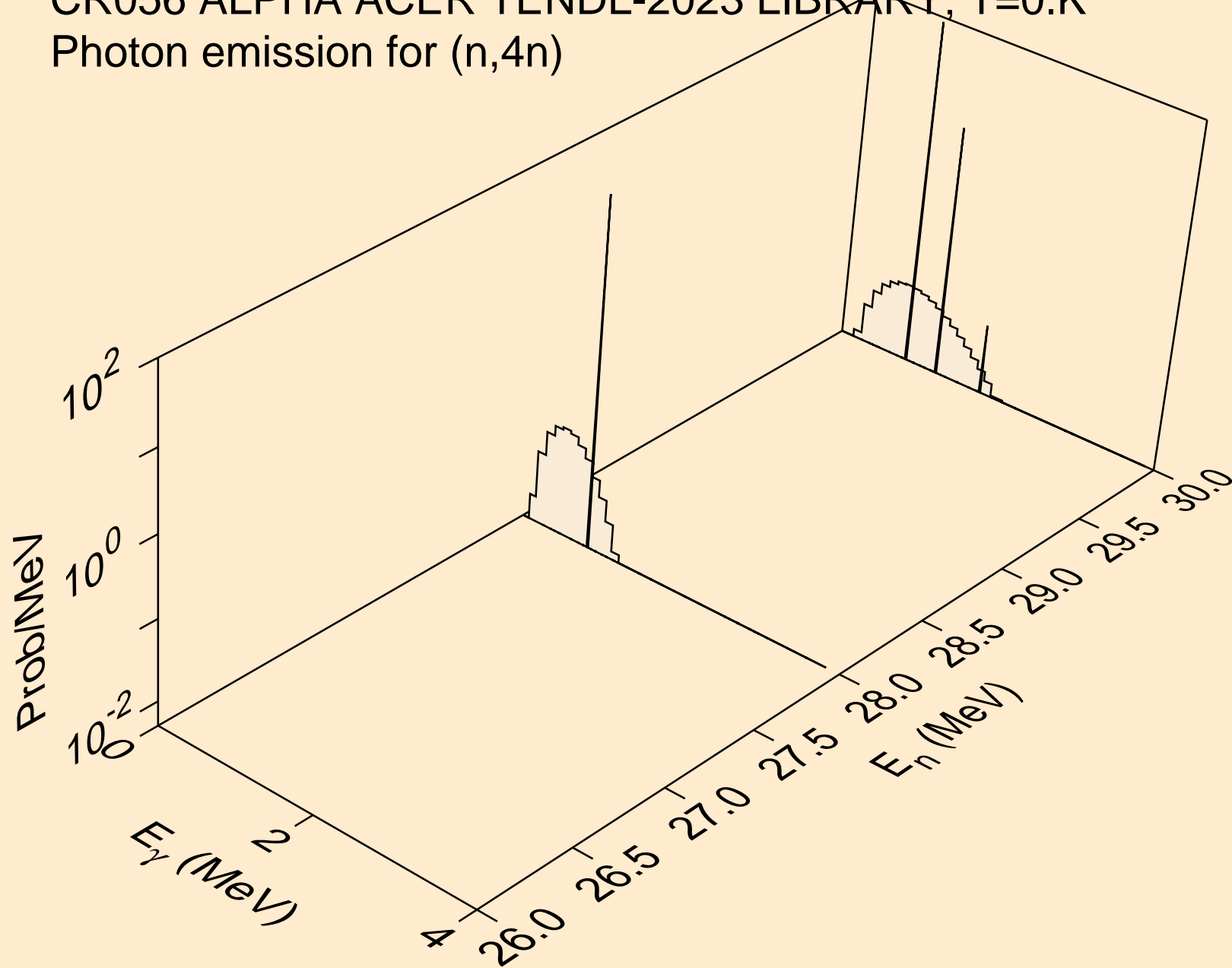
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Photon emission for (n,n\*)t



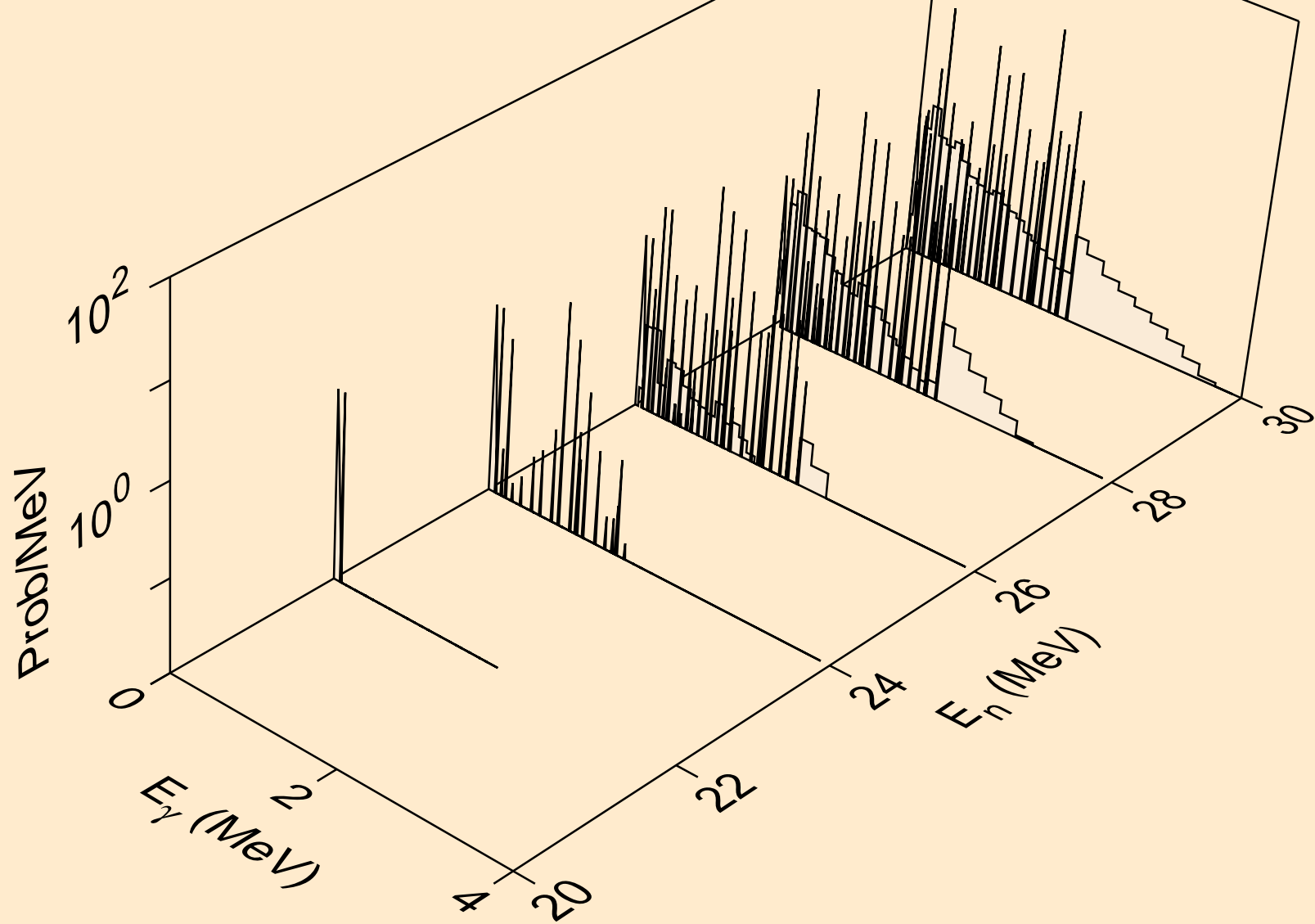
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

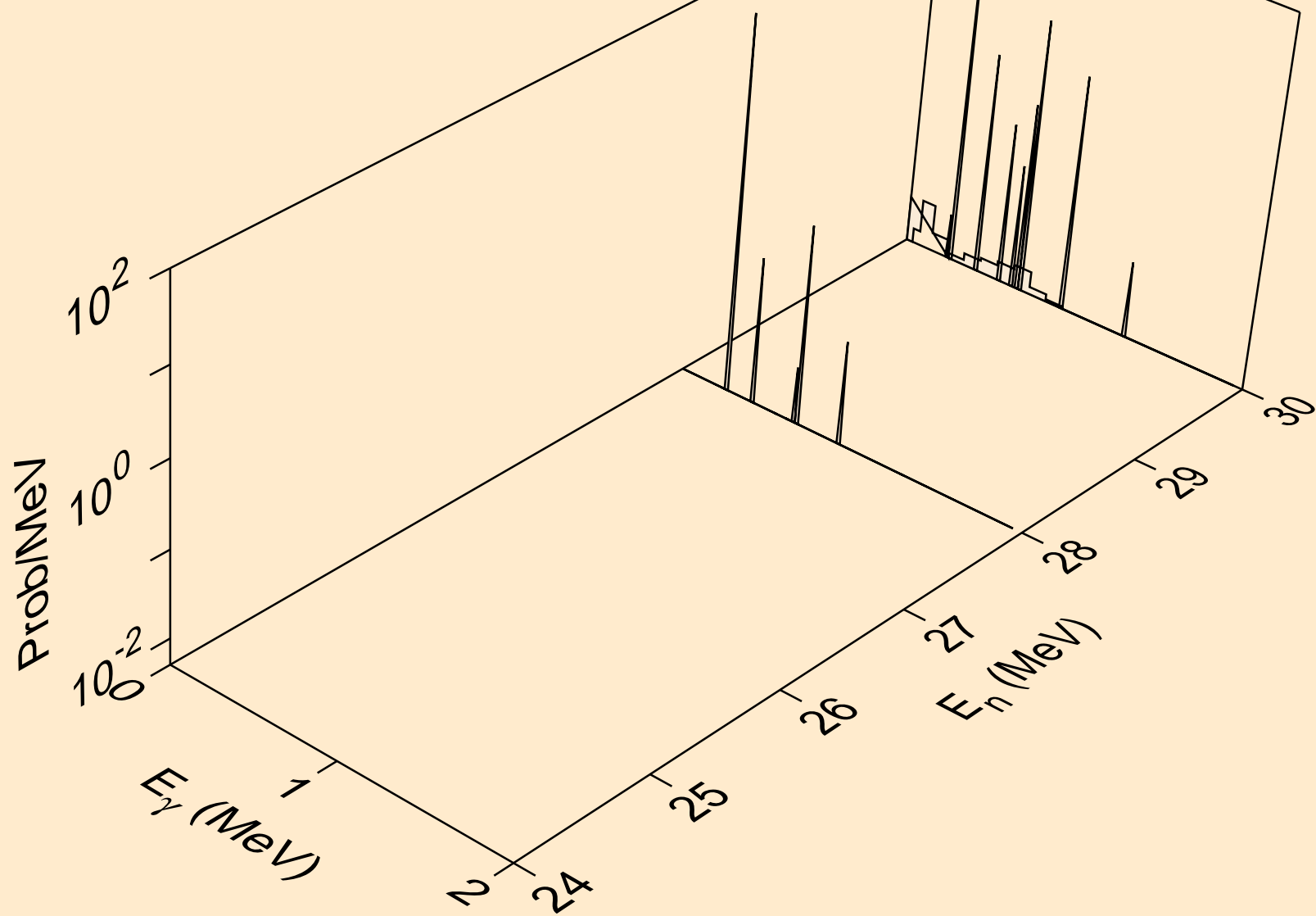


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Photon emission for (n,2np)

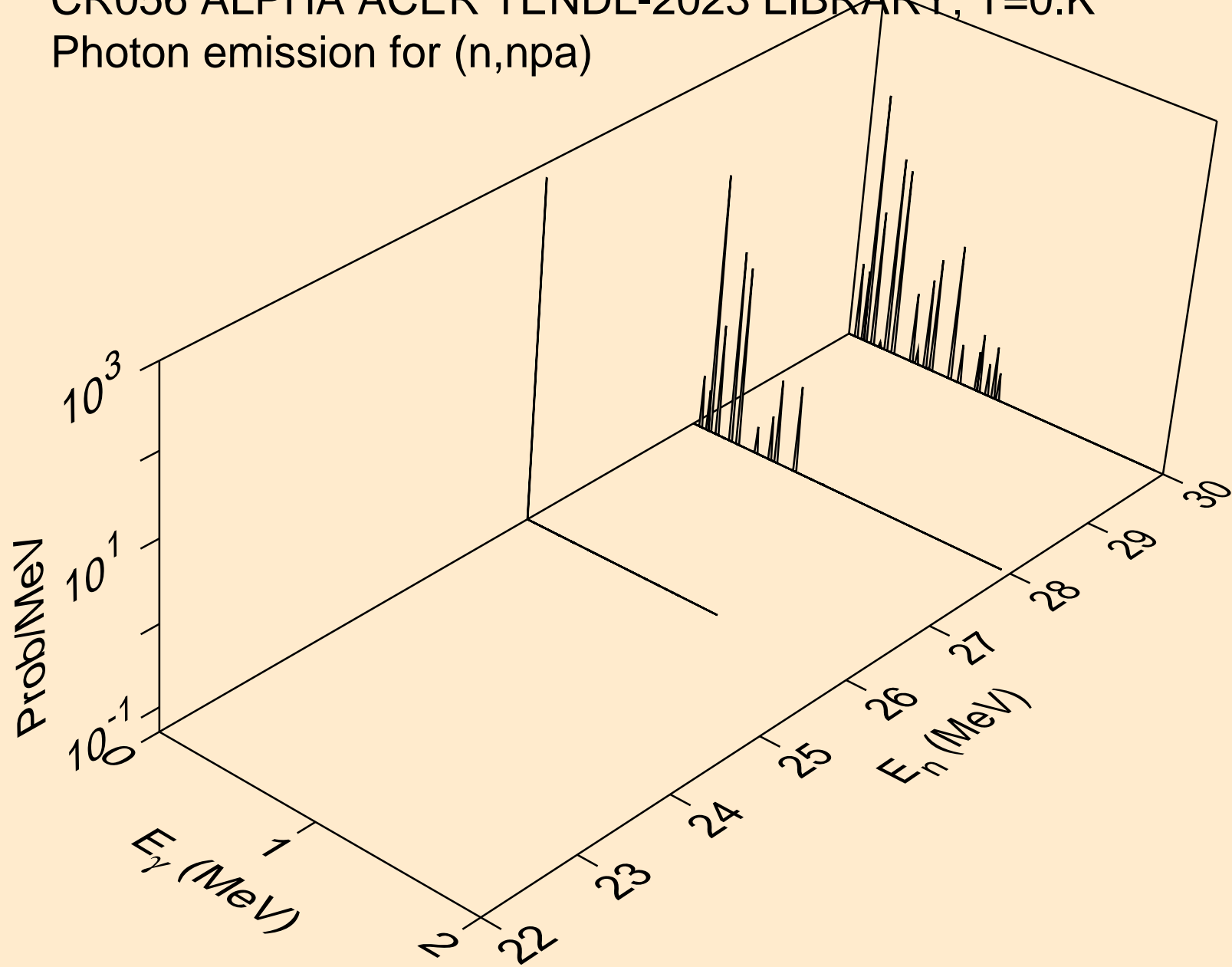




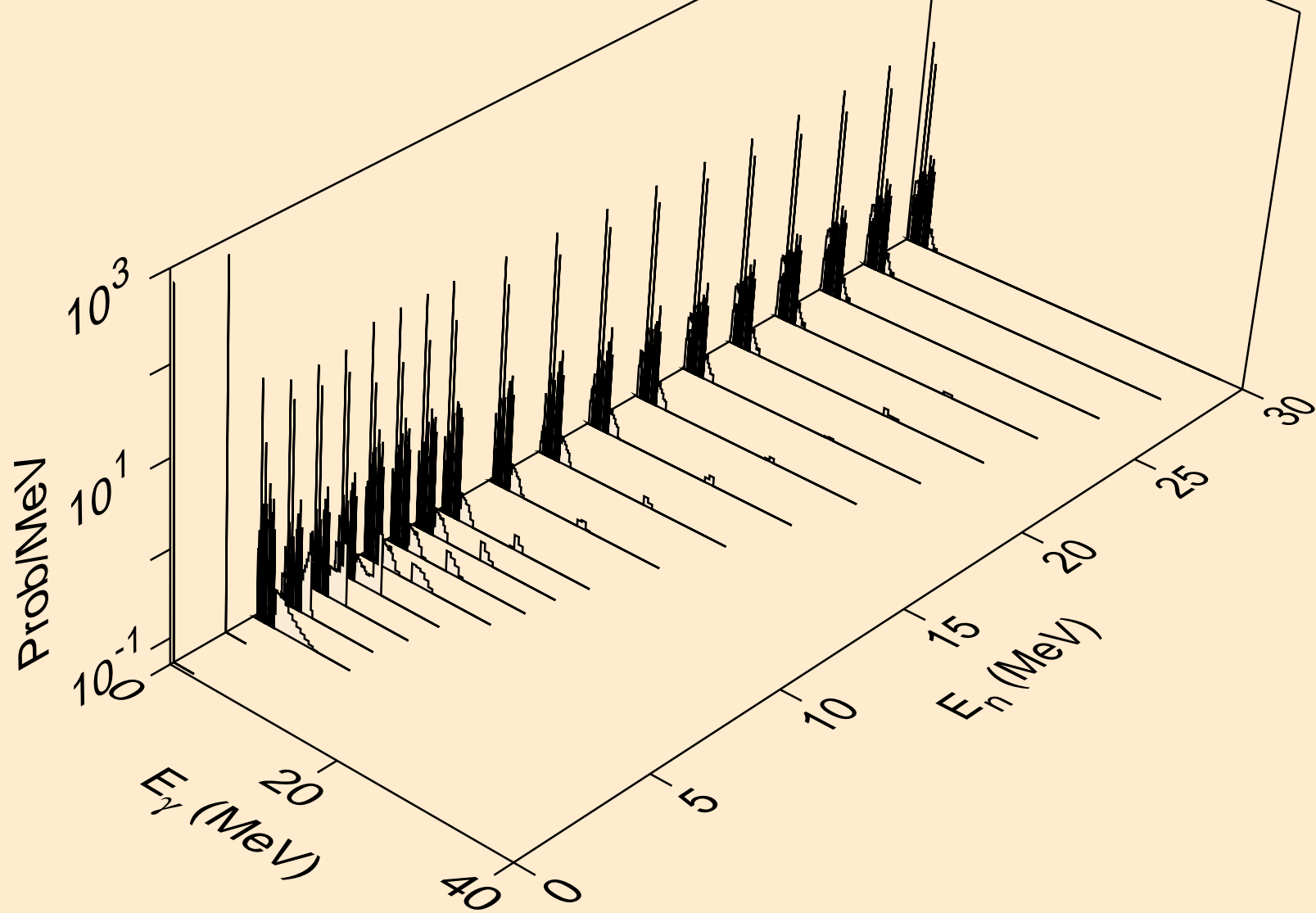
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Photon emission for (n,n2p)



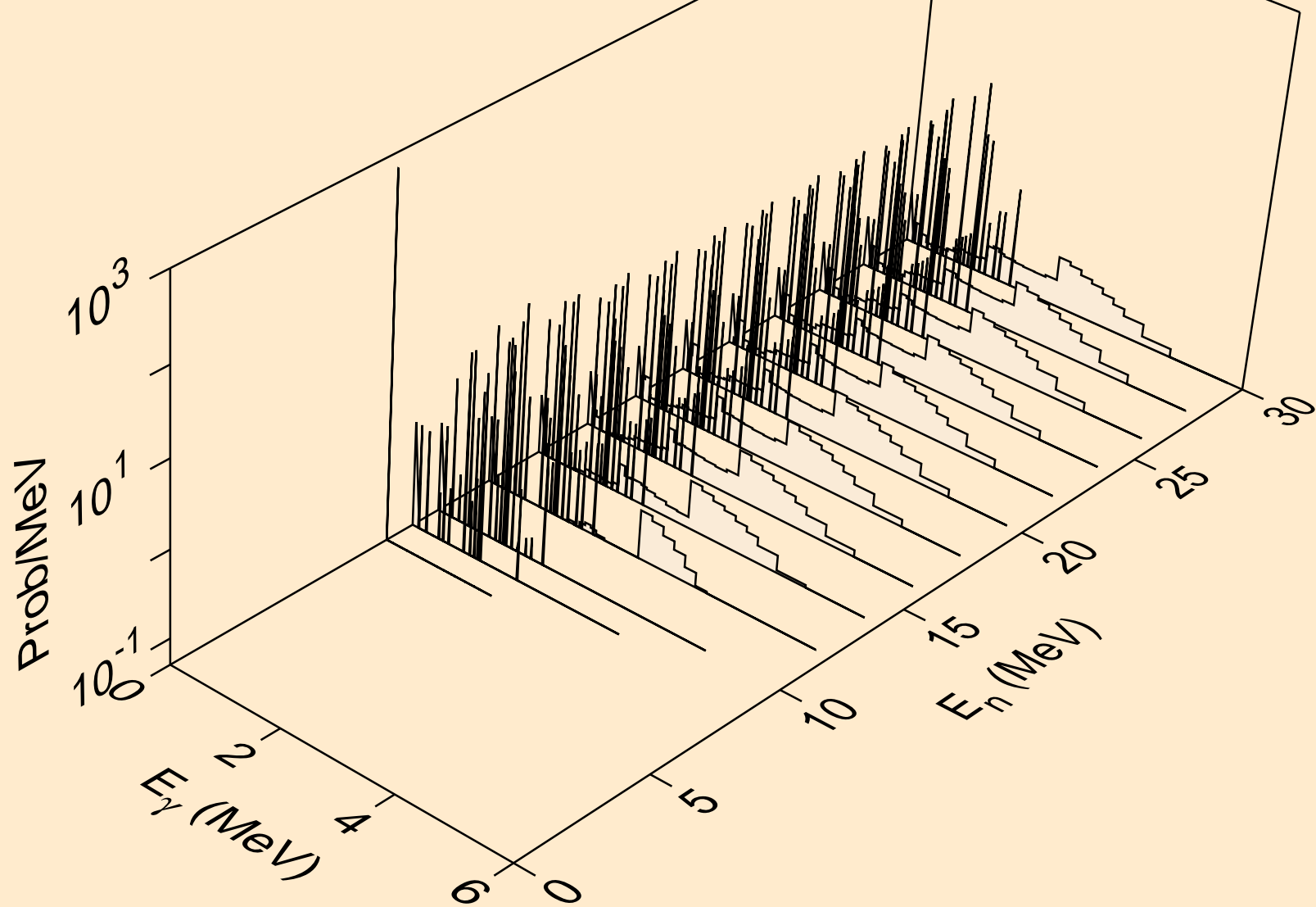
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Photon emission for (n,npa)



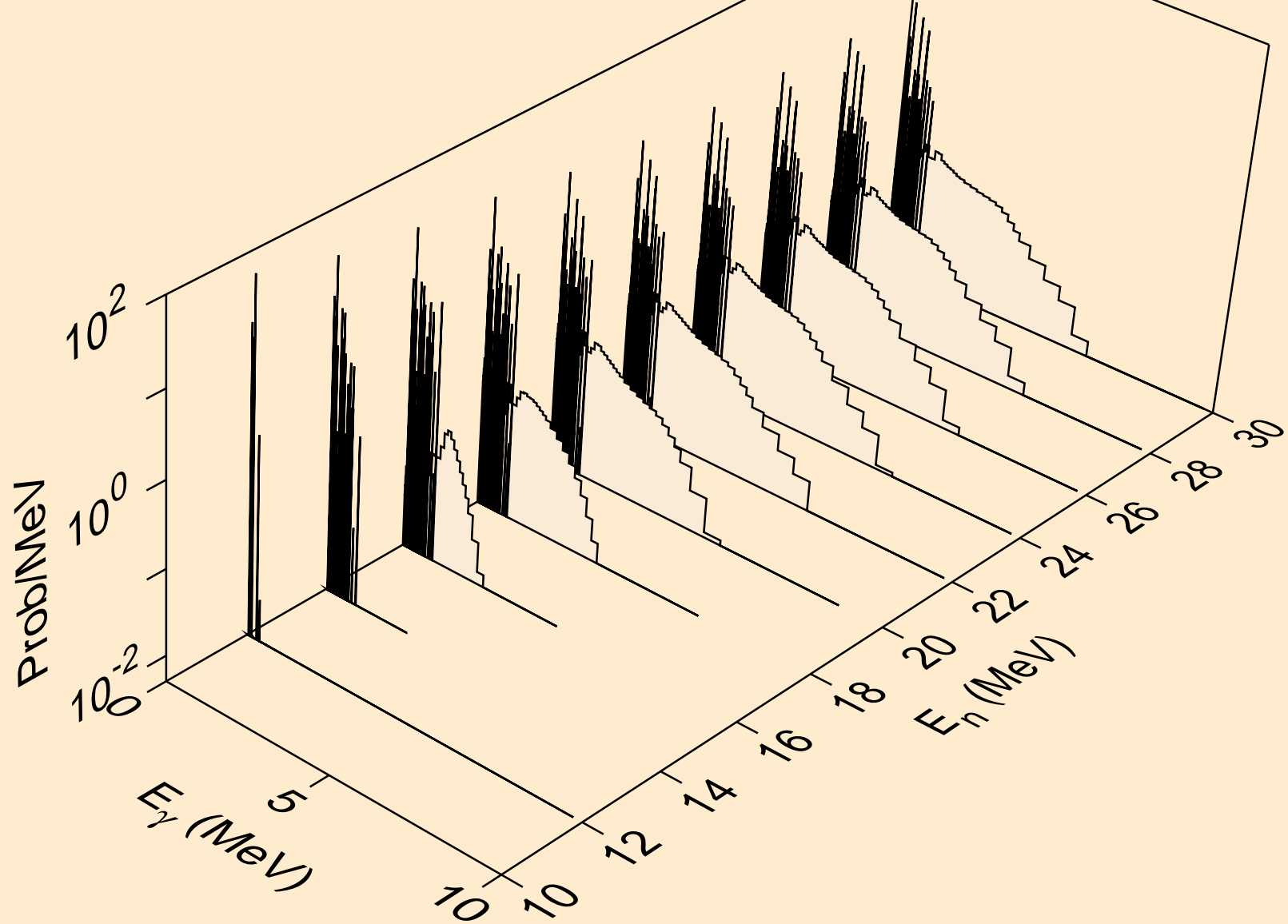
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Photon emission for (n,gma)



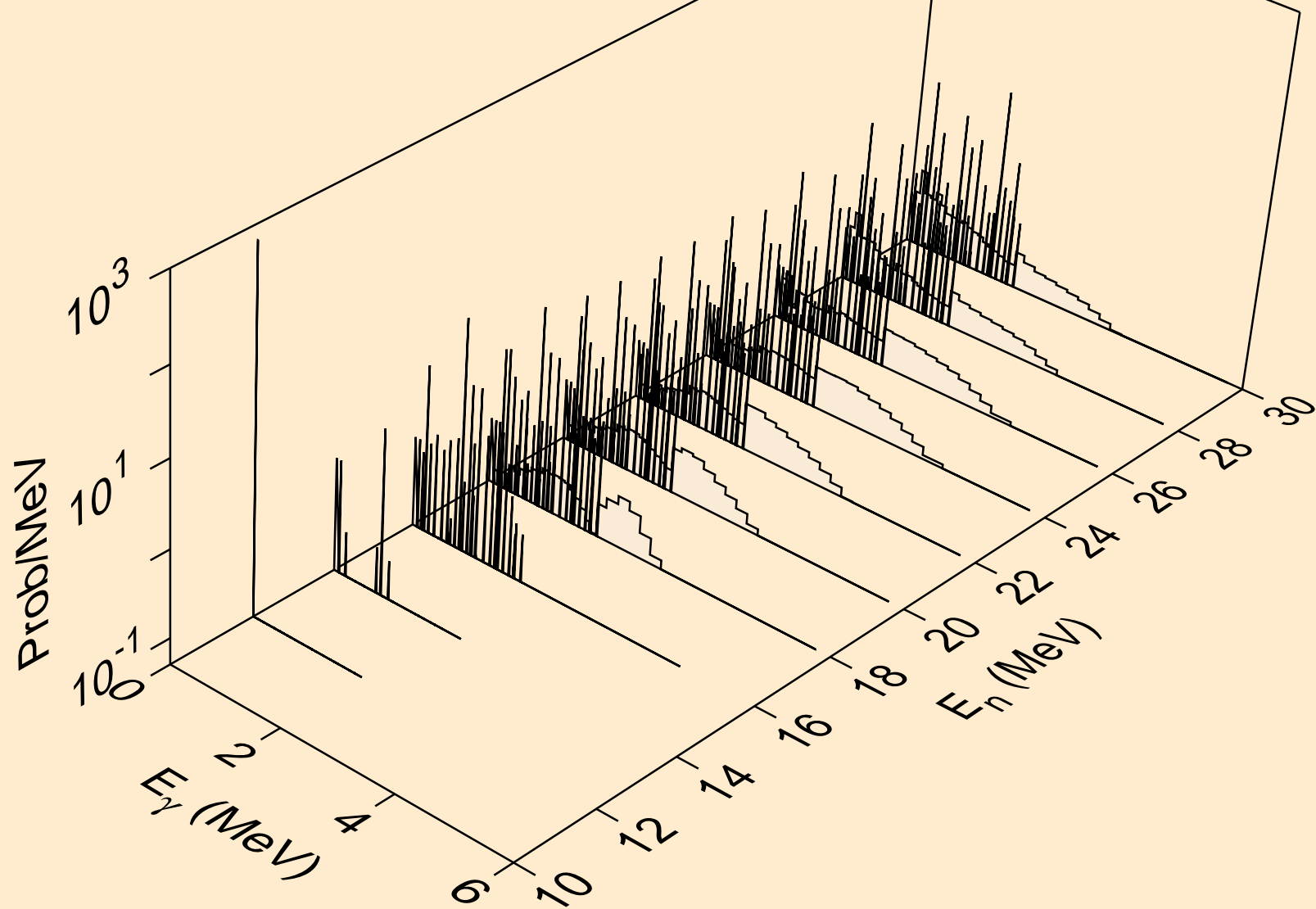
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Photon emission for (n,p)



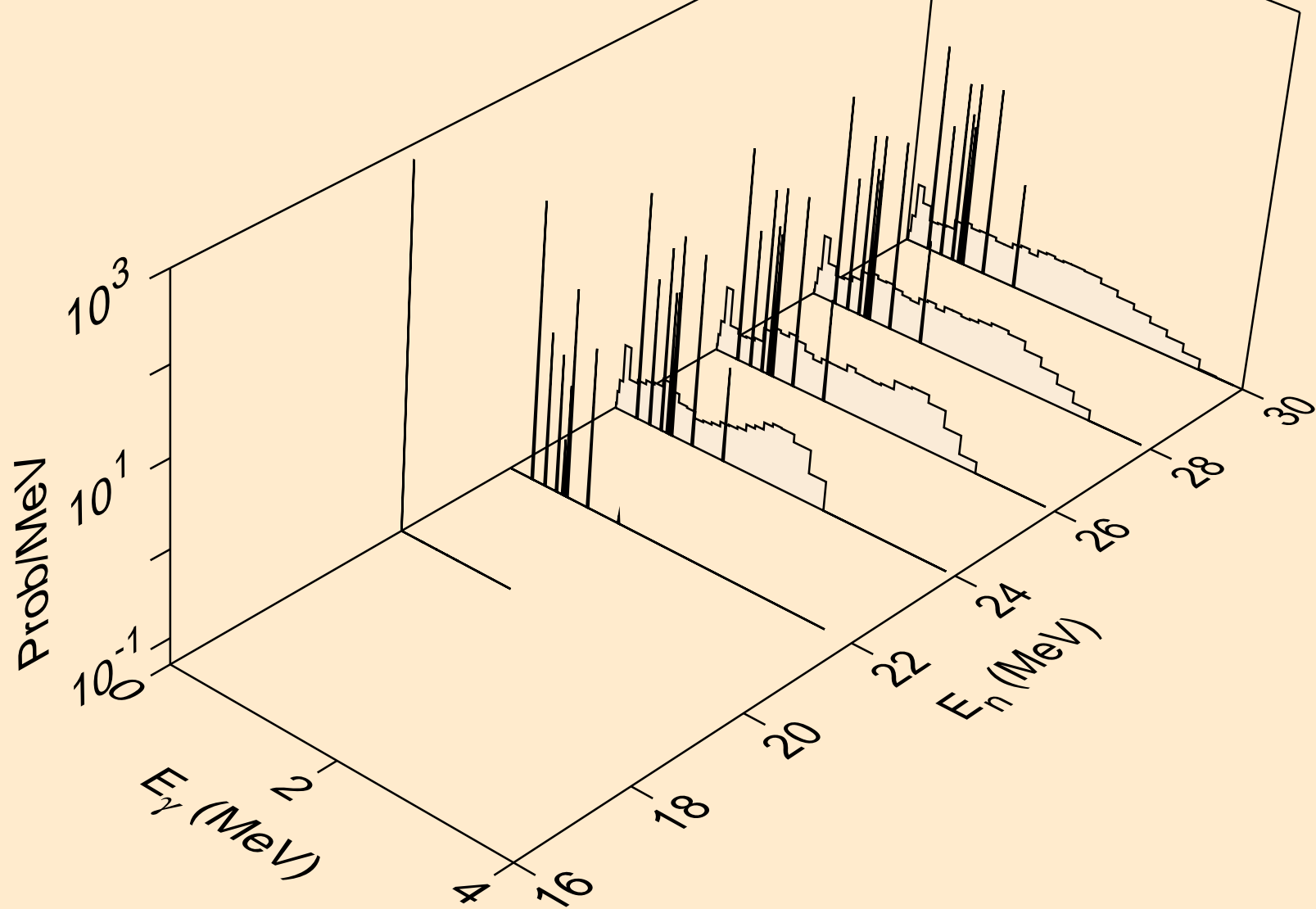
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Photon emission for (n,d)



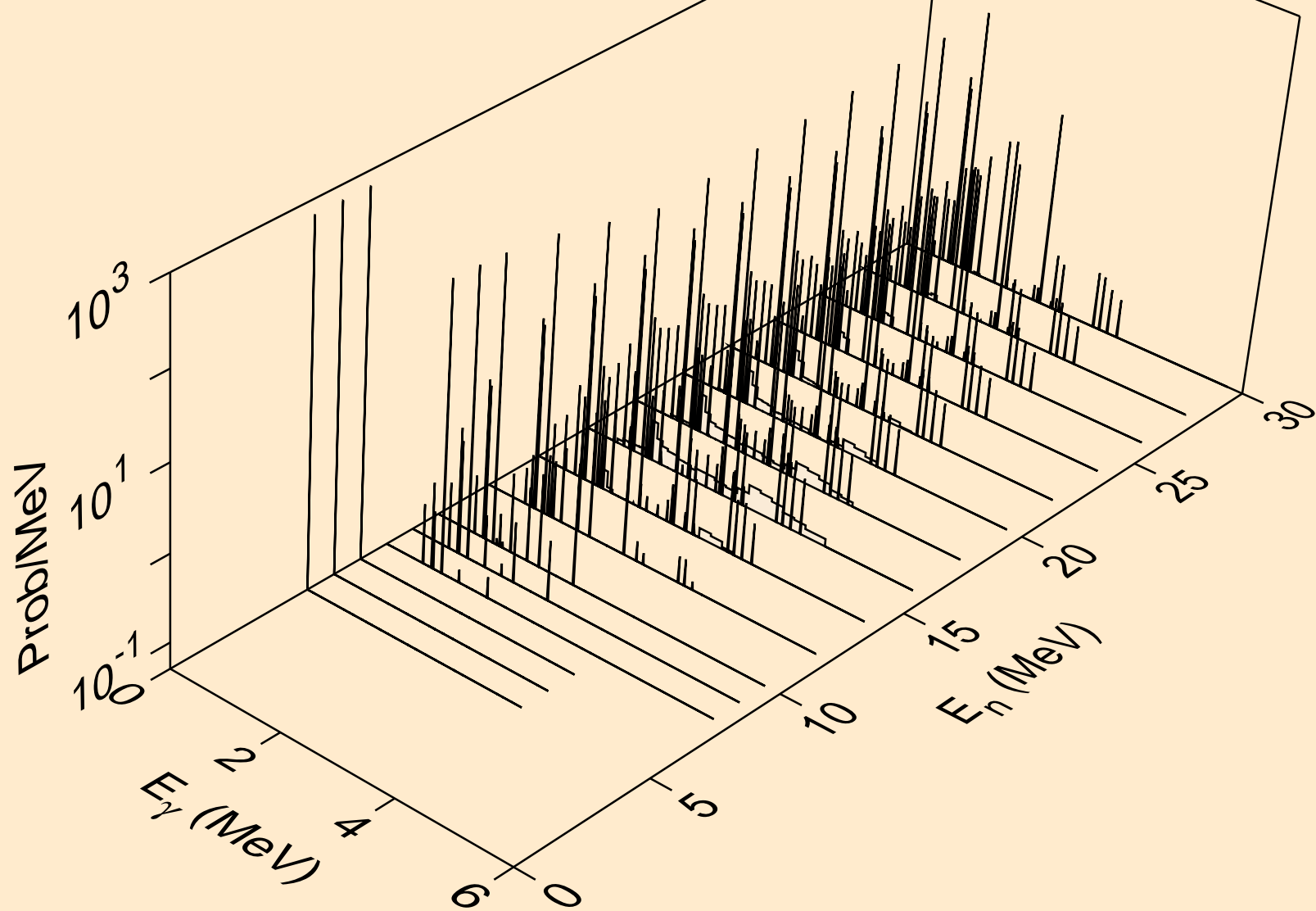
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

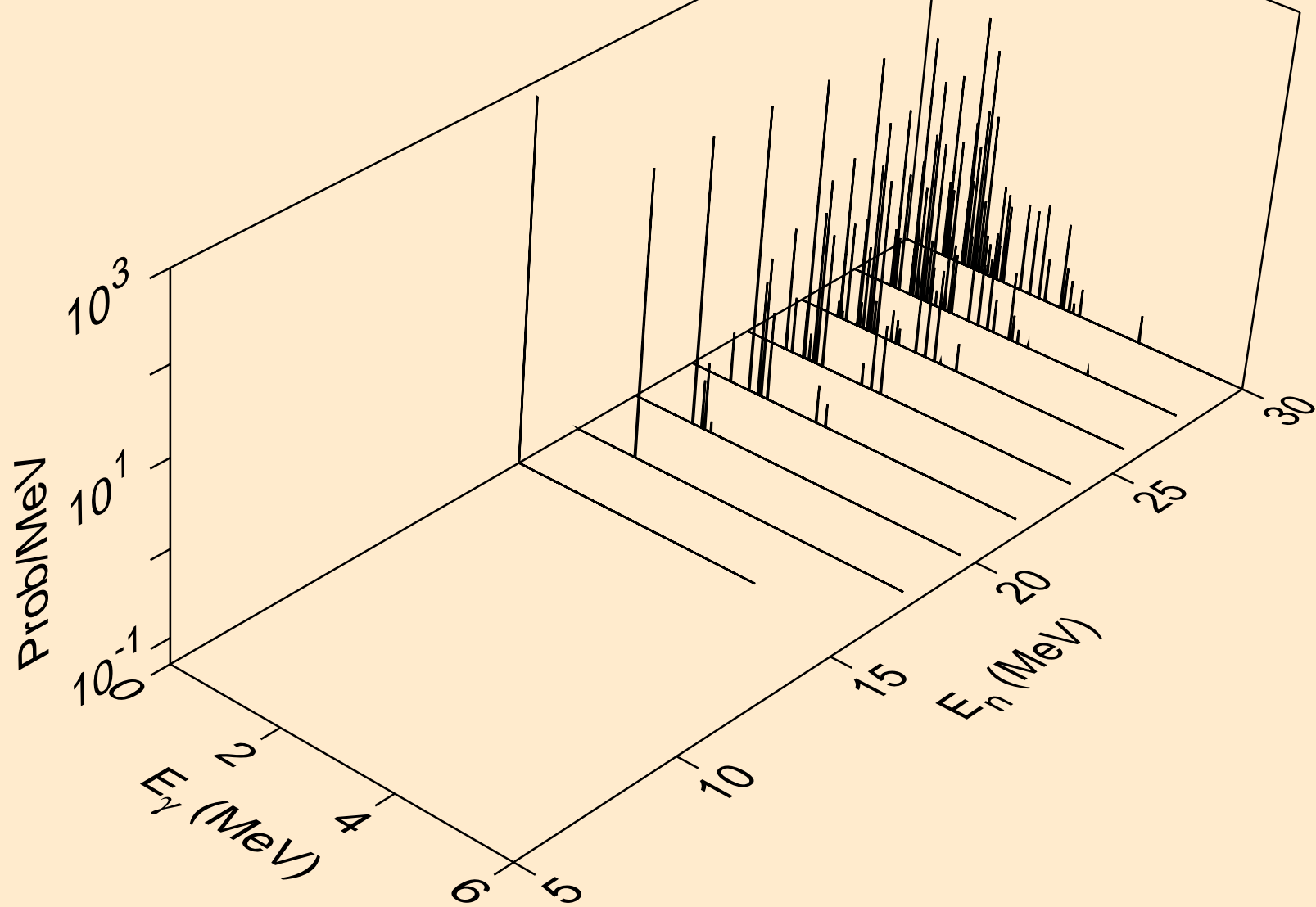


CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

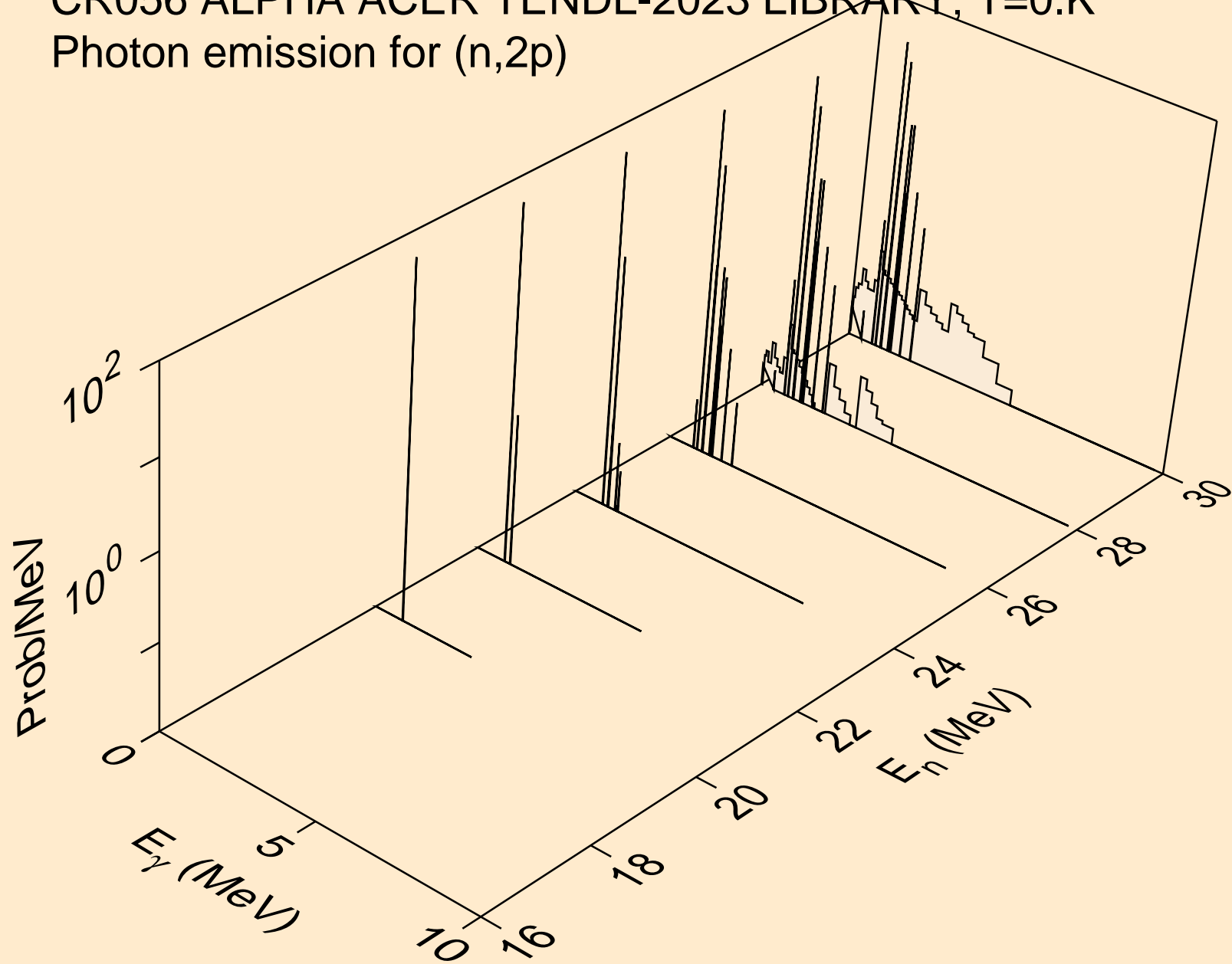




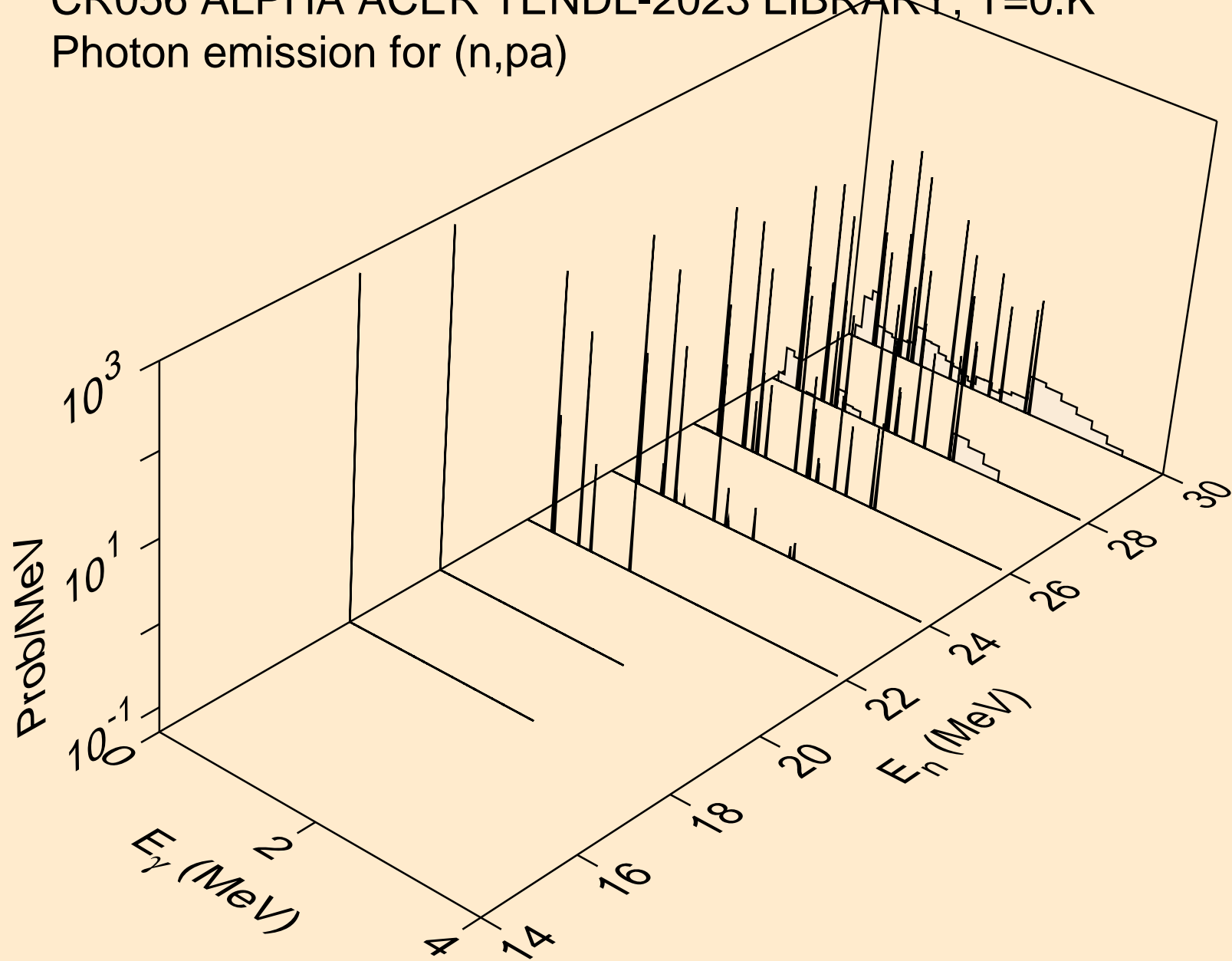
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Photon emission for (n,2a)



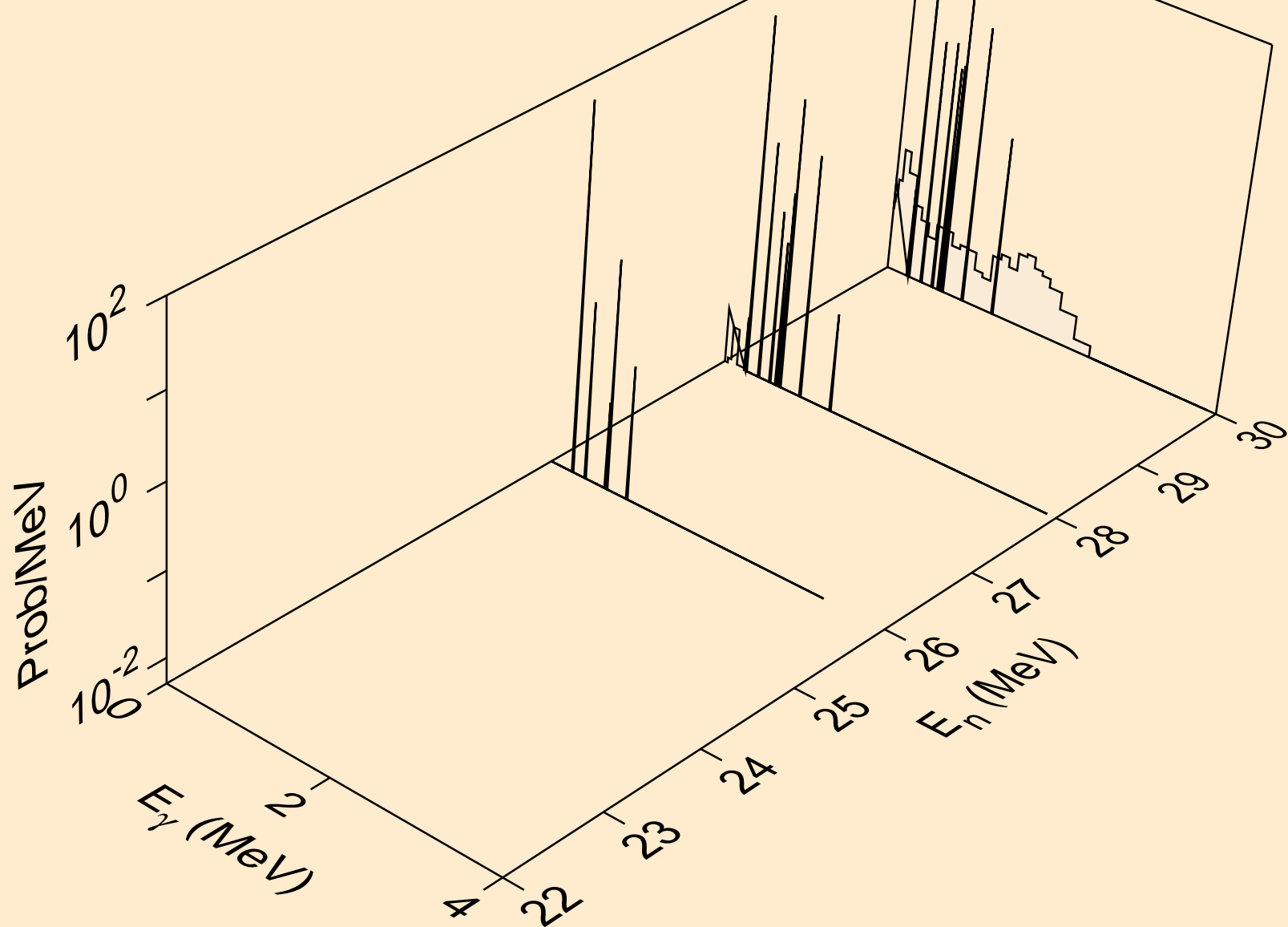
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Photon emission for (n,2p)



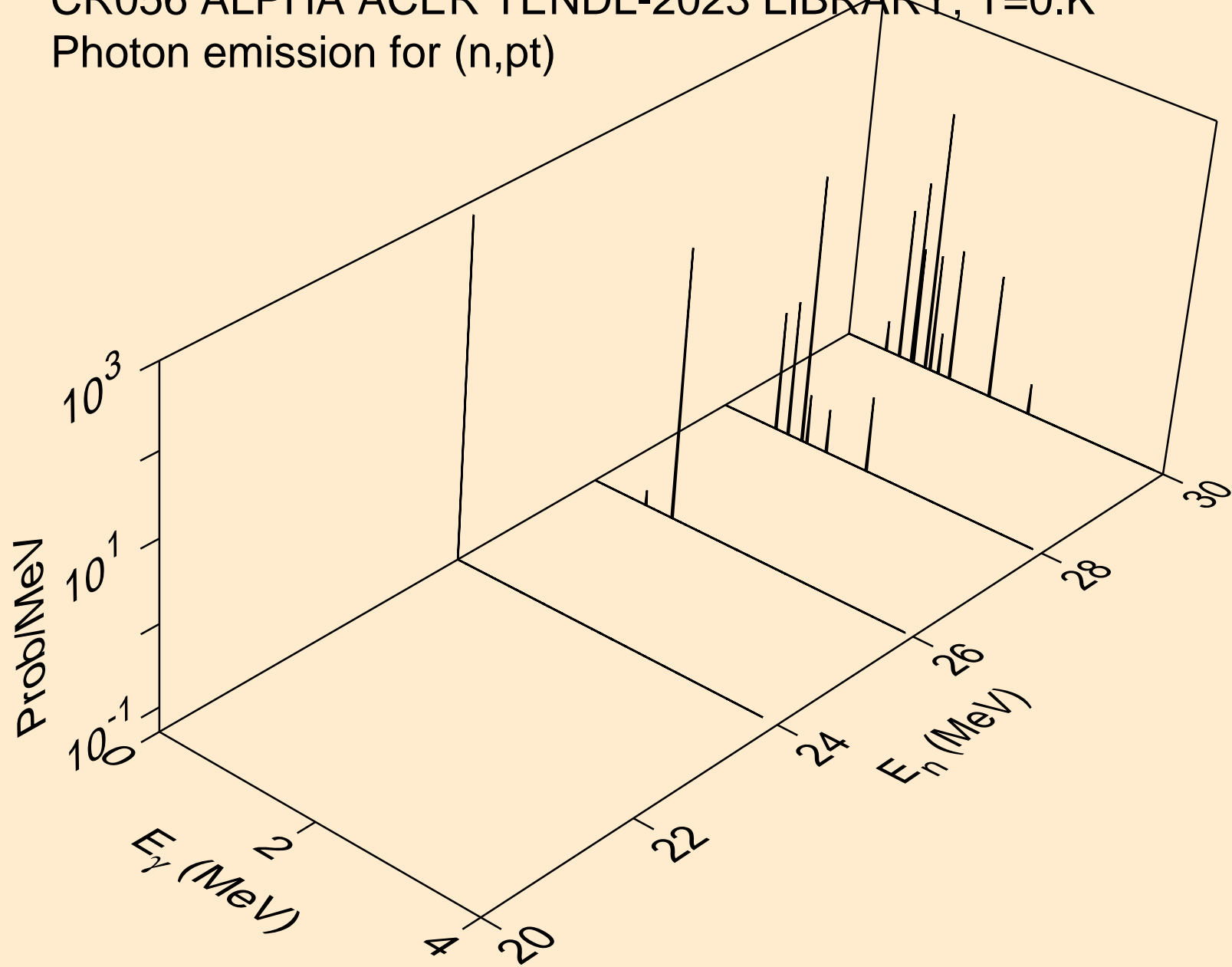
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Photon emission for (n,pa)



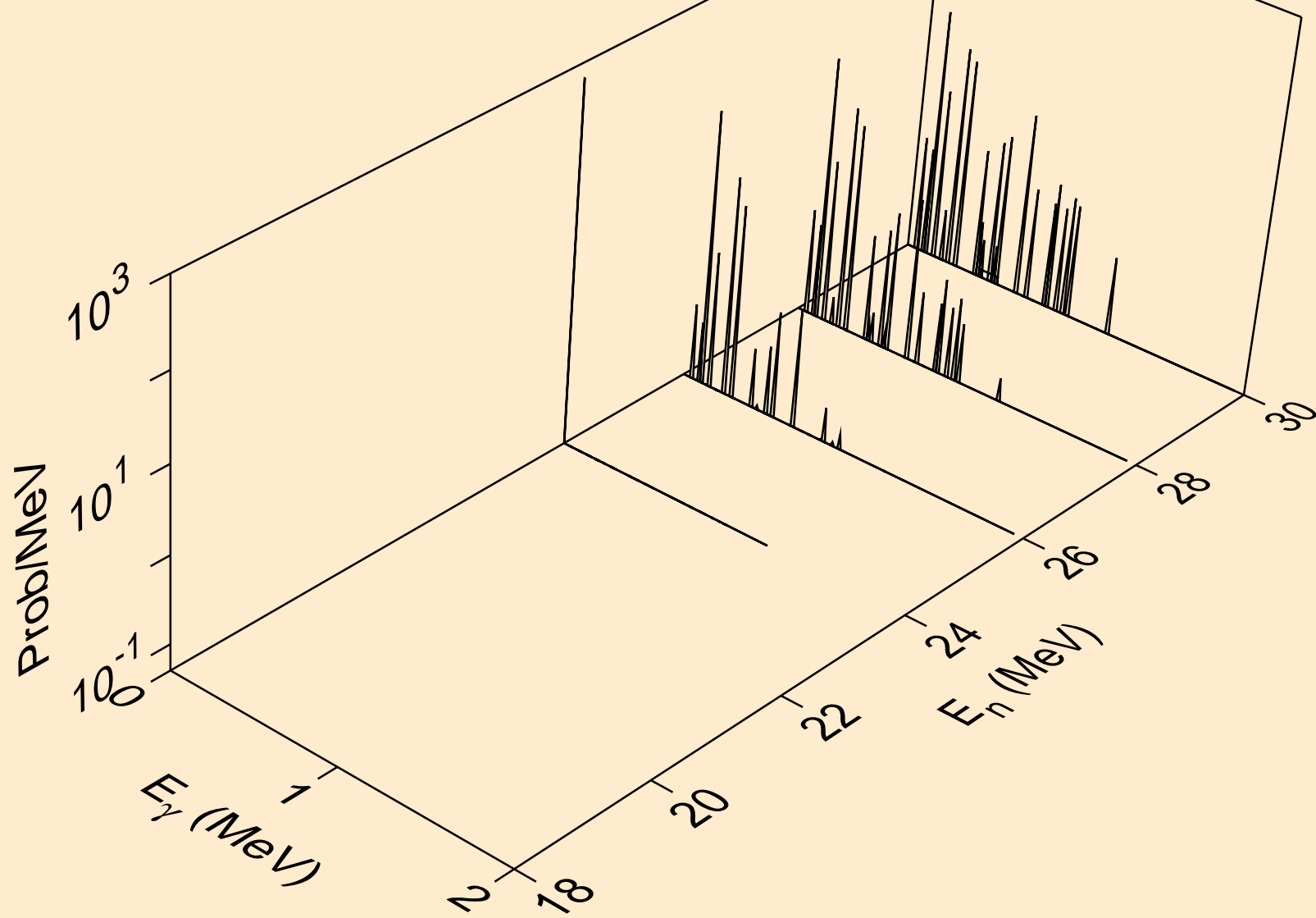
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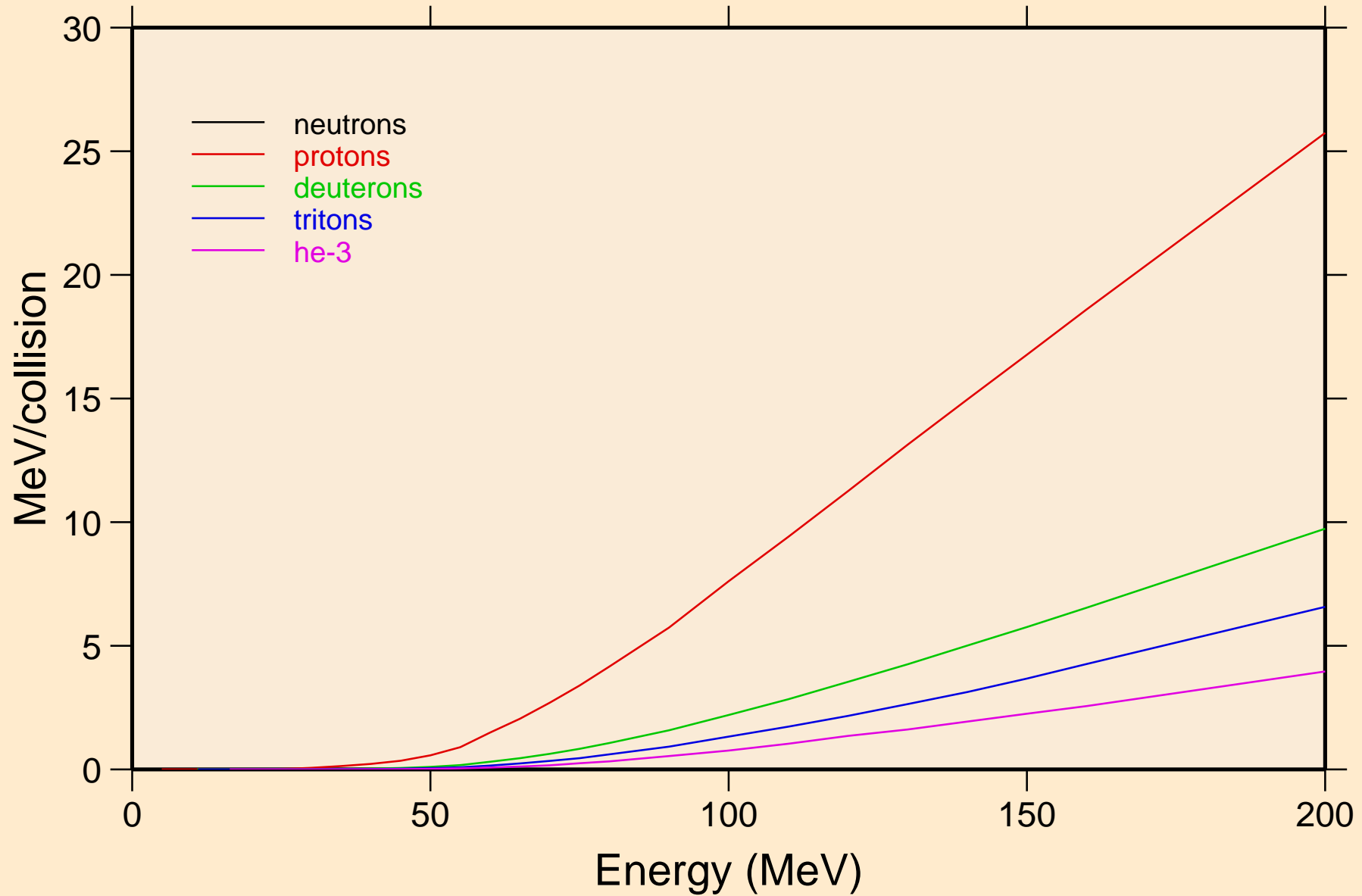
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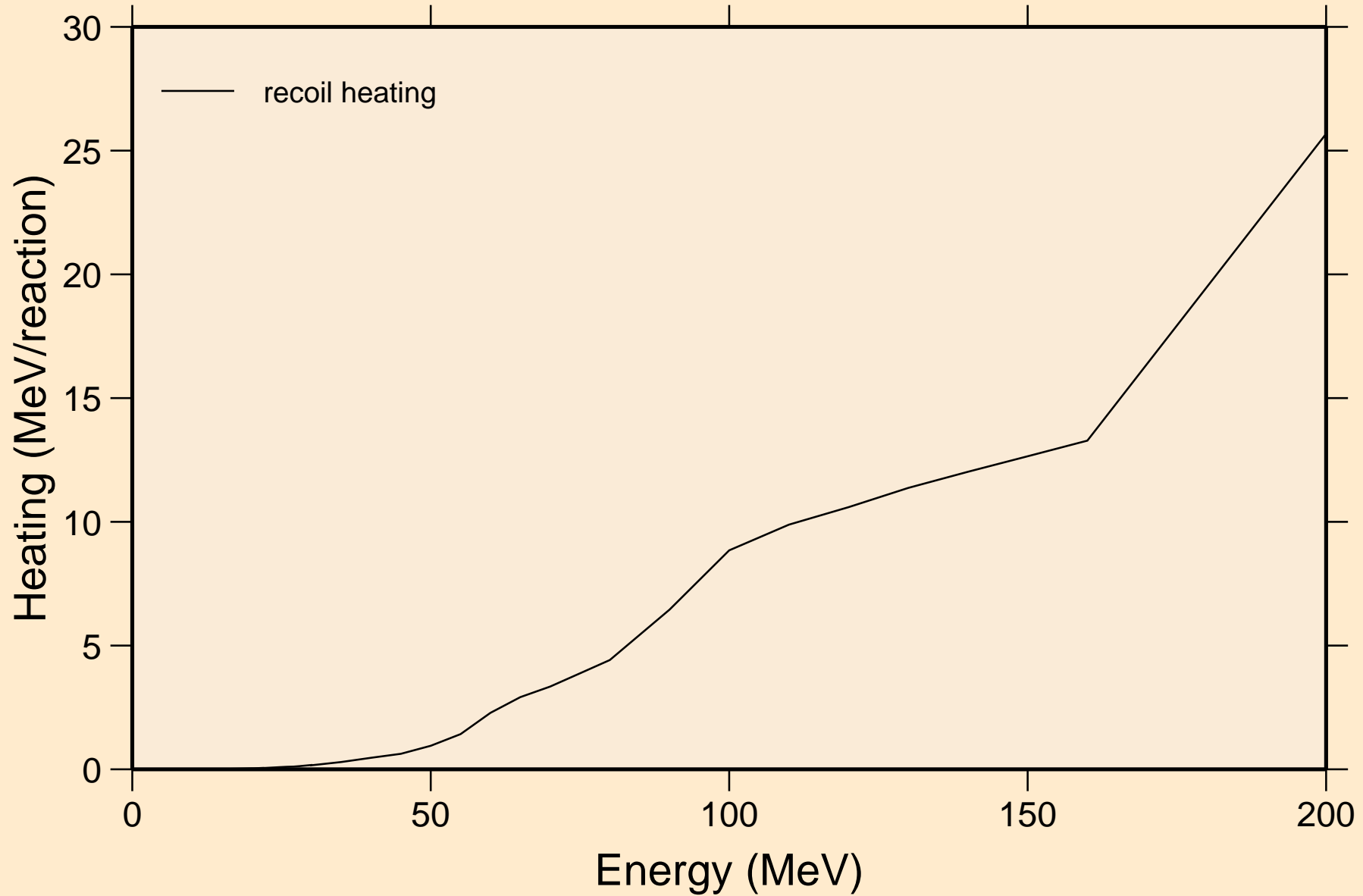
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

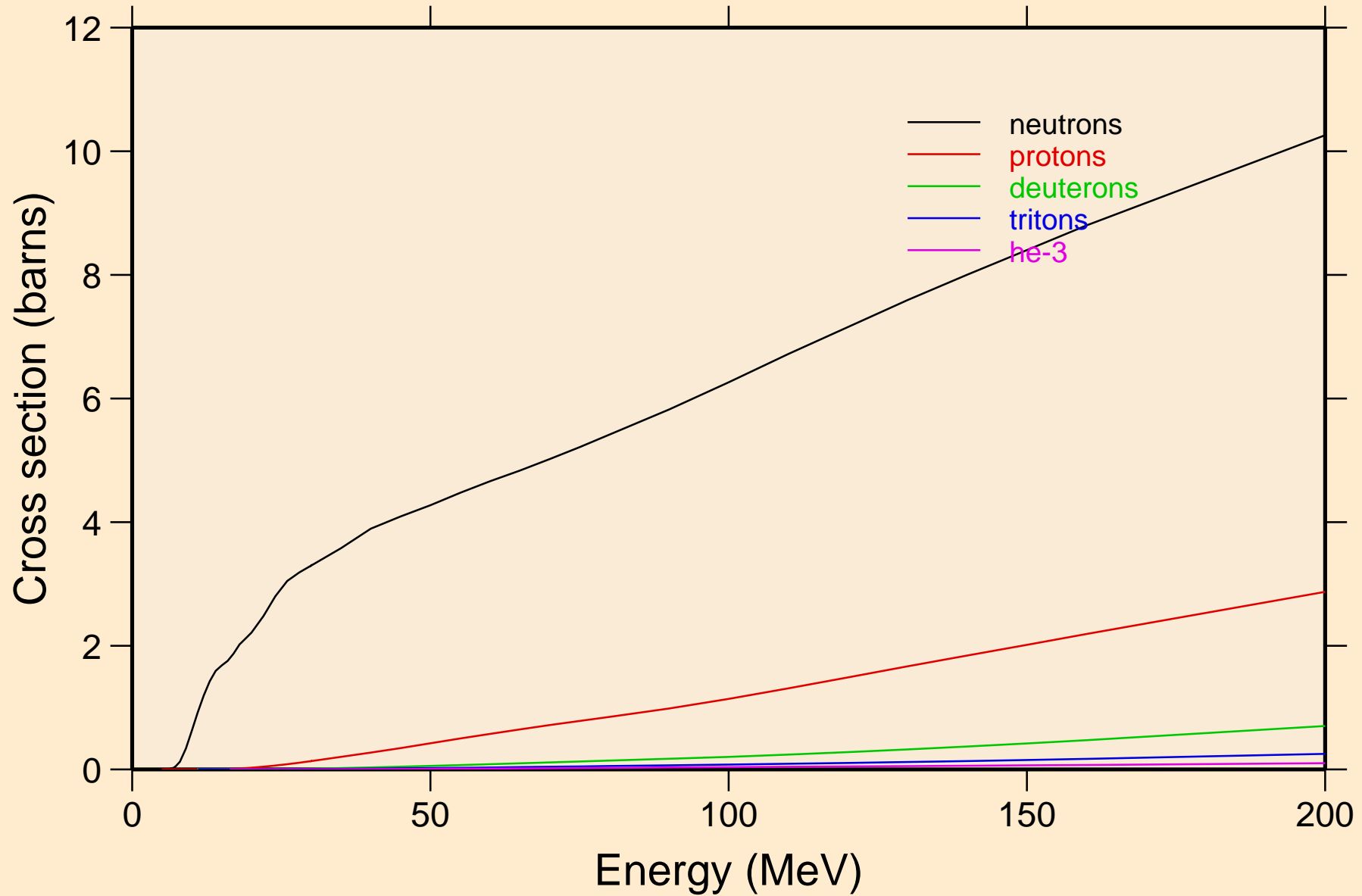


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Recoil Heating

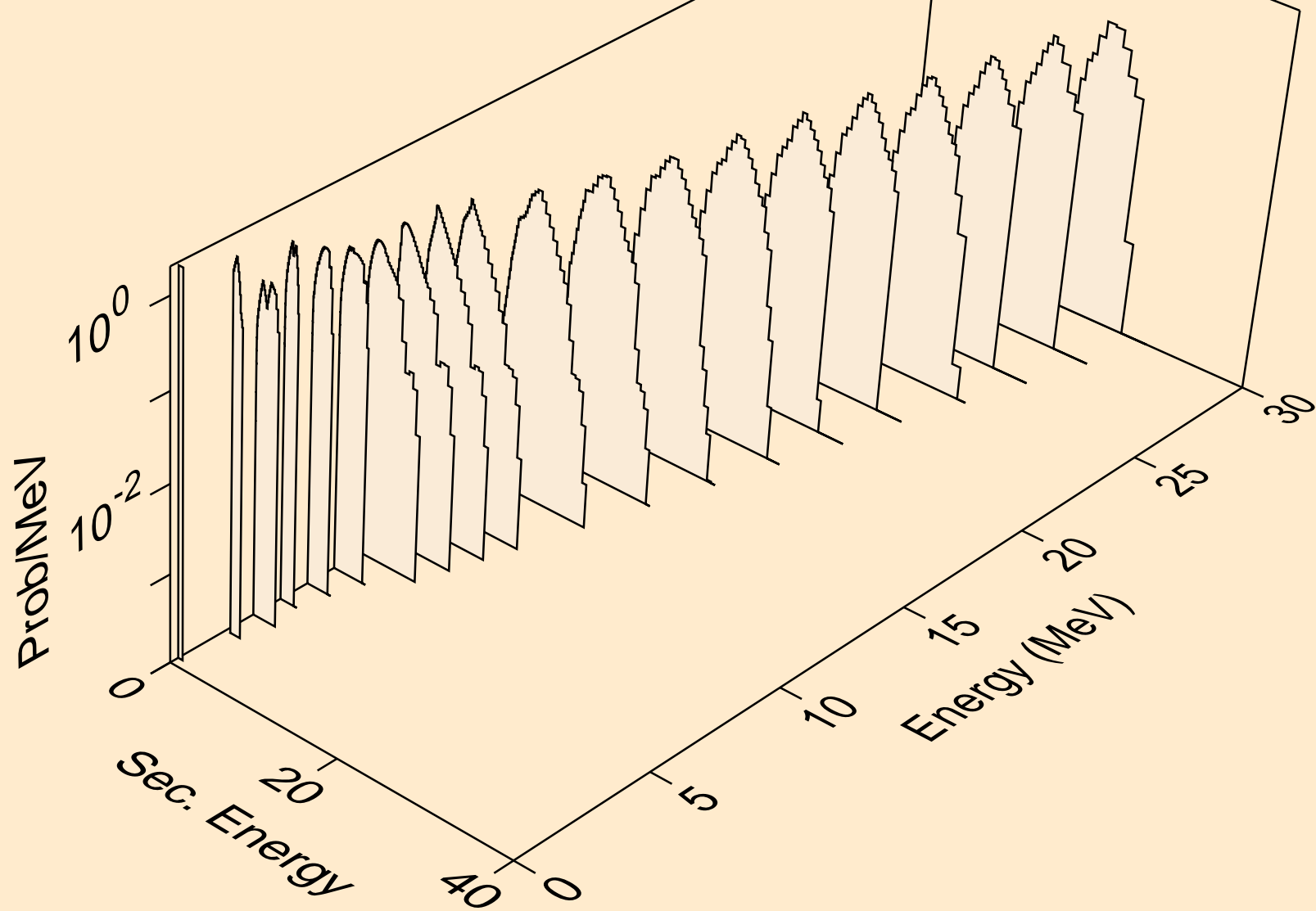




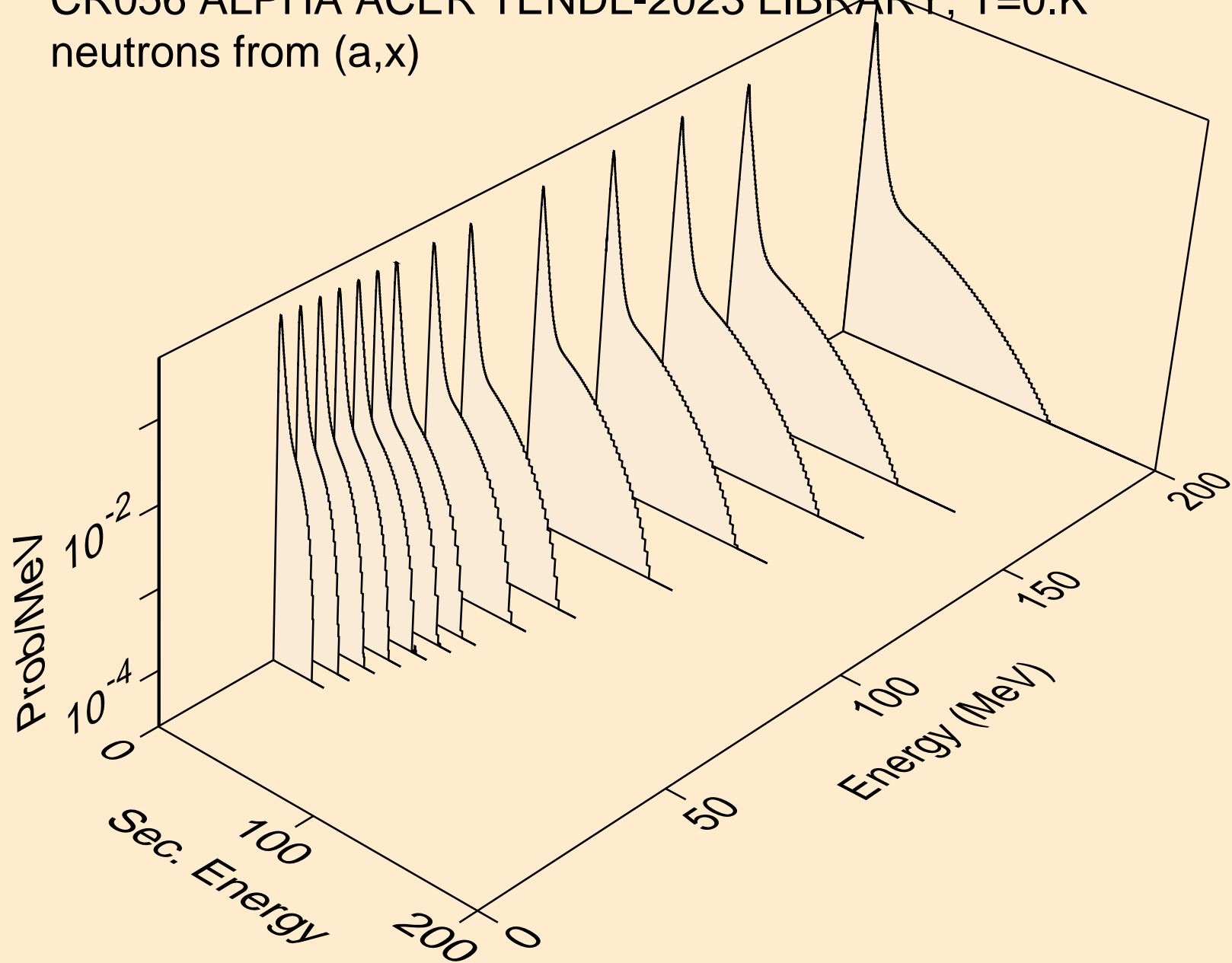
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Particle production cross sections



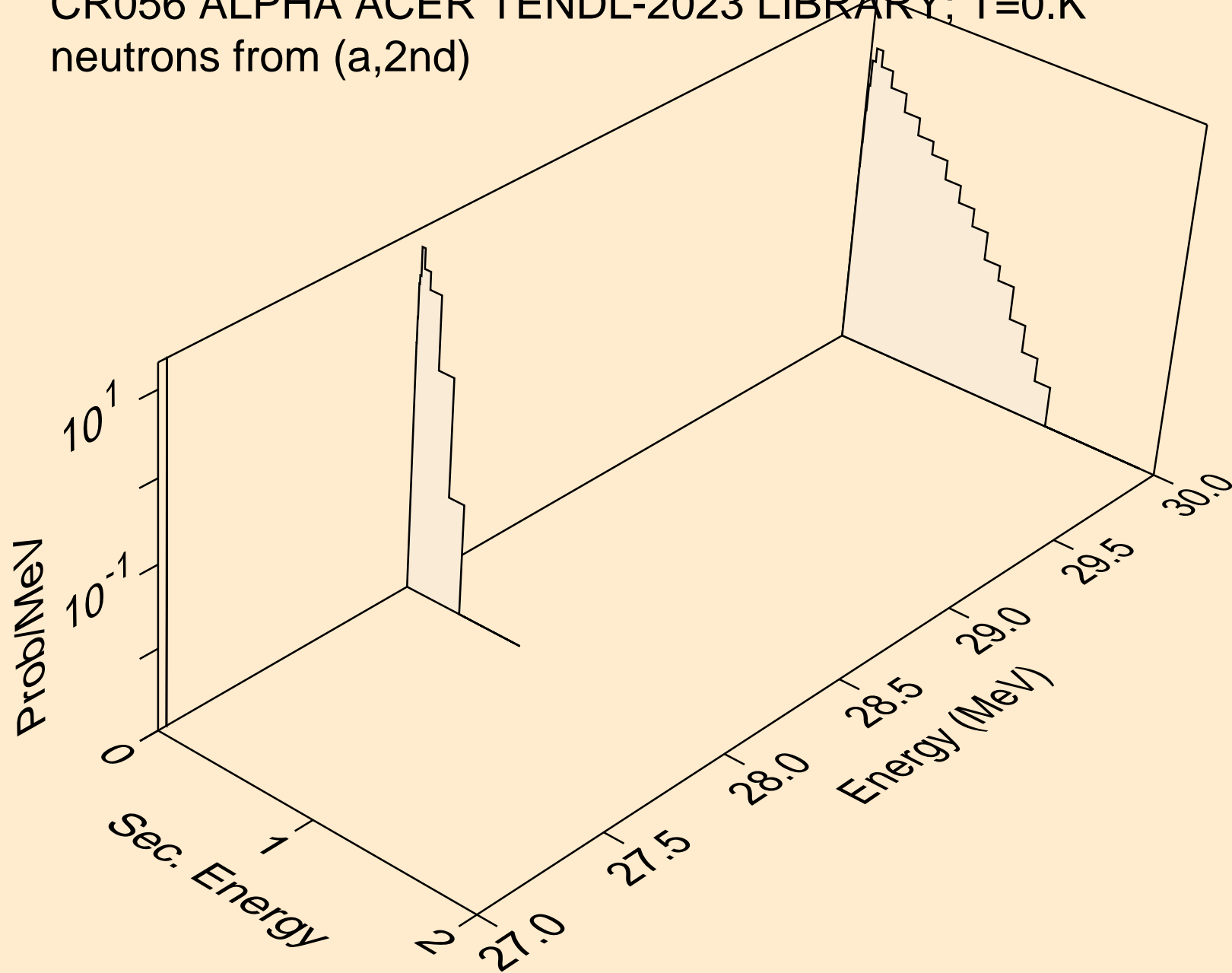
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



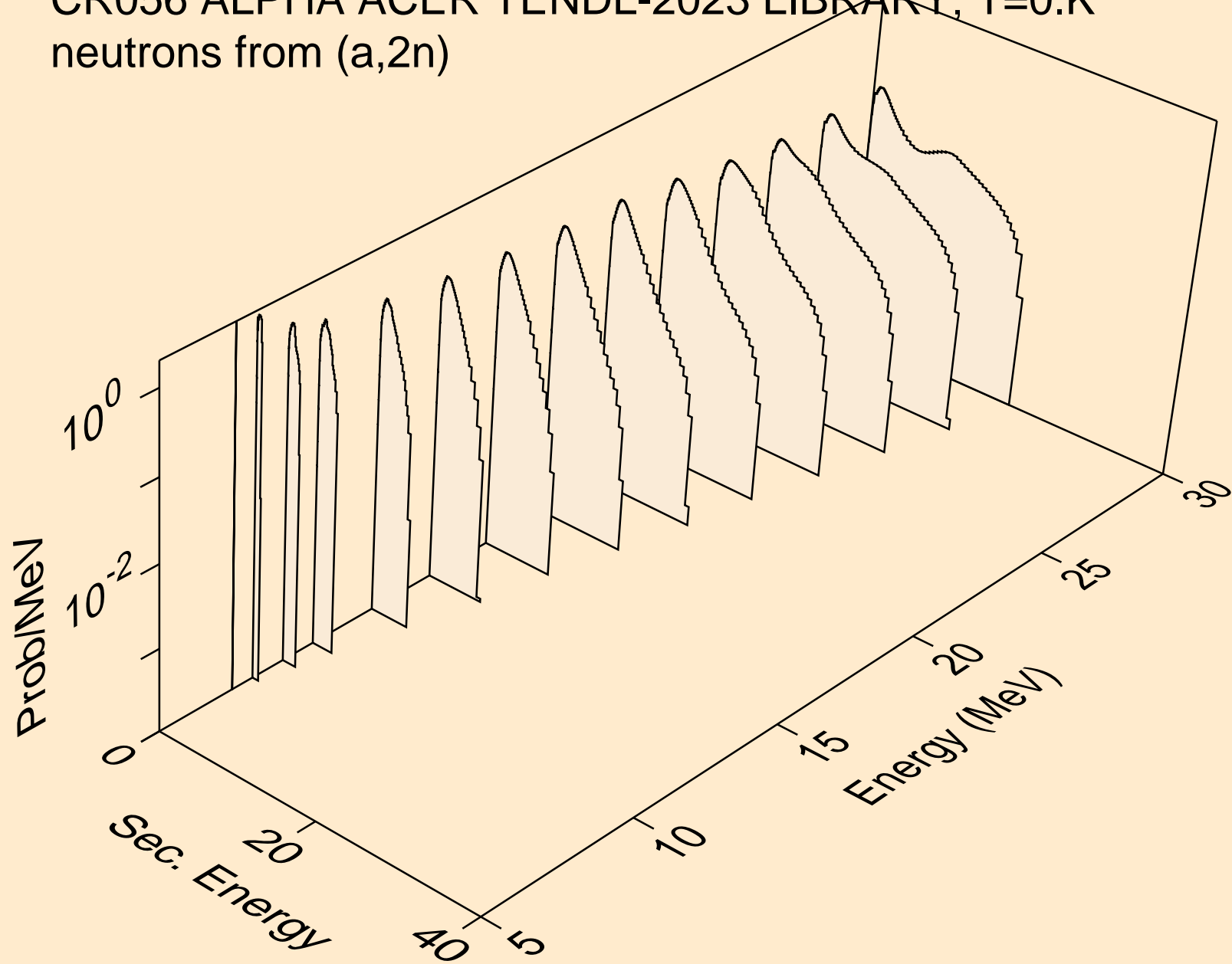
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neutrons from (a,x)



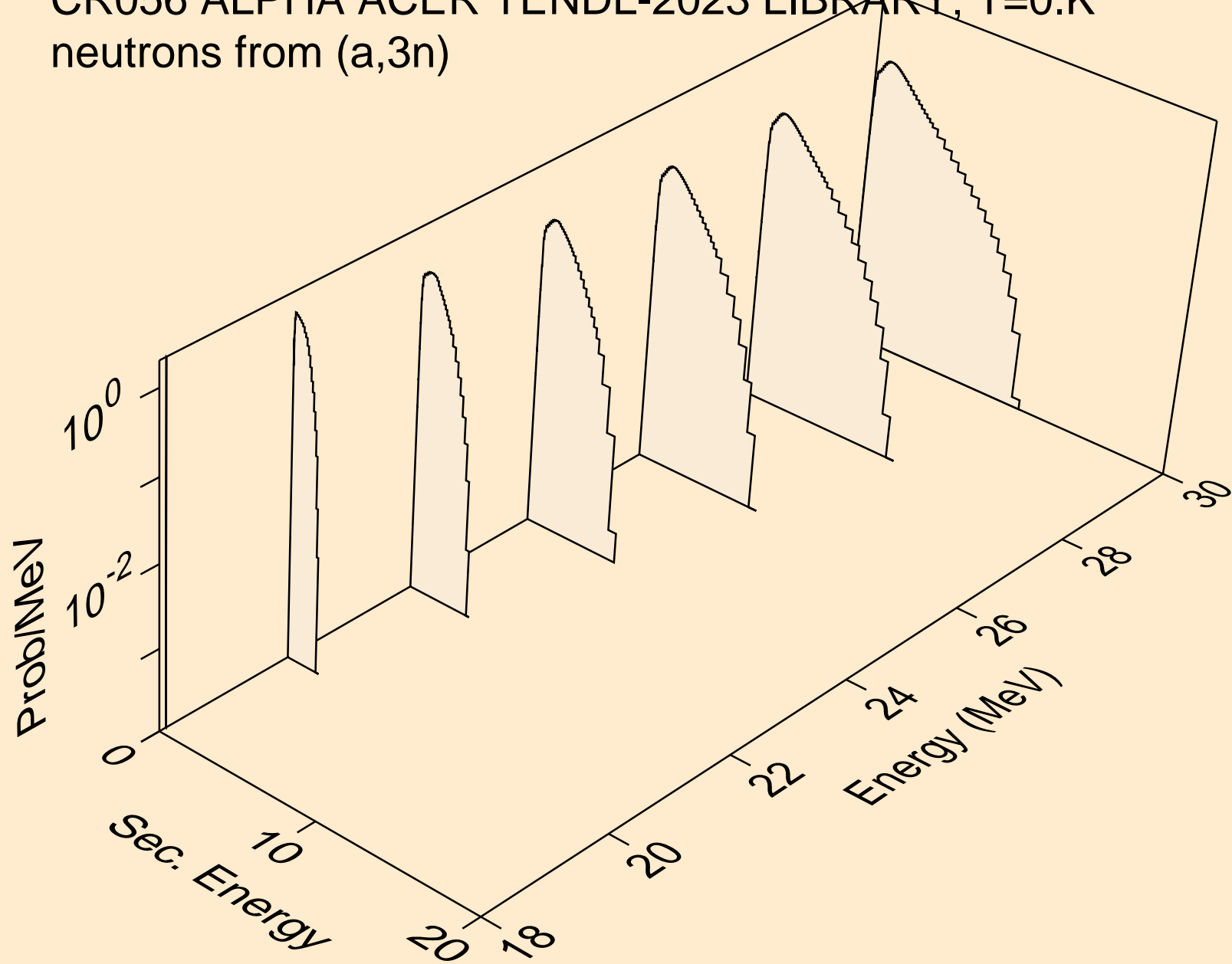
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neutrons from (a,2nd)



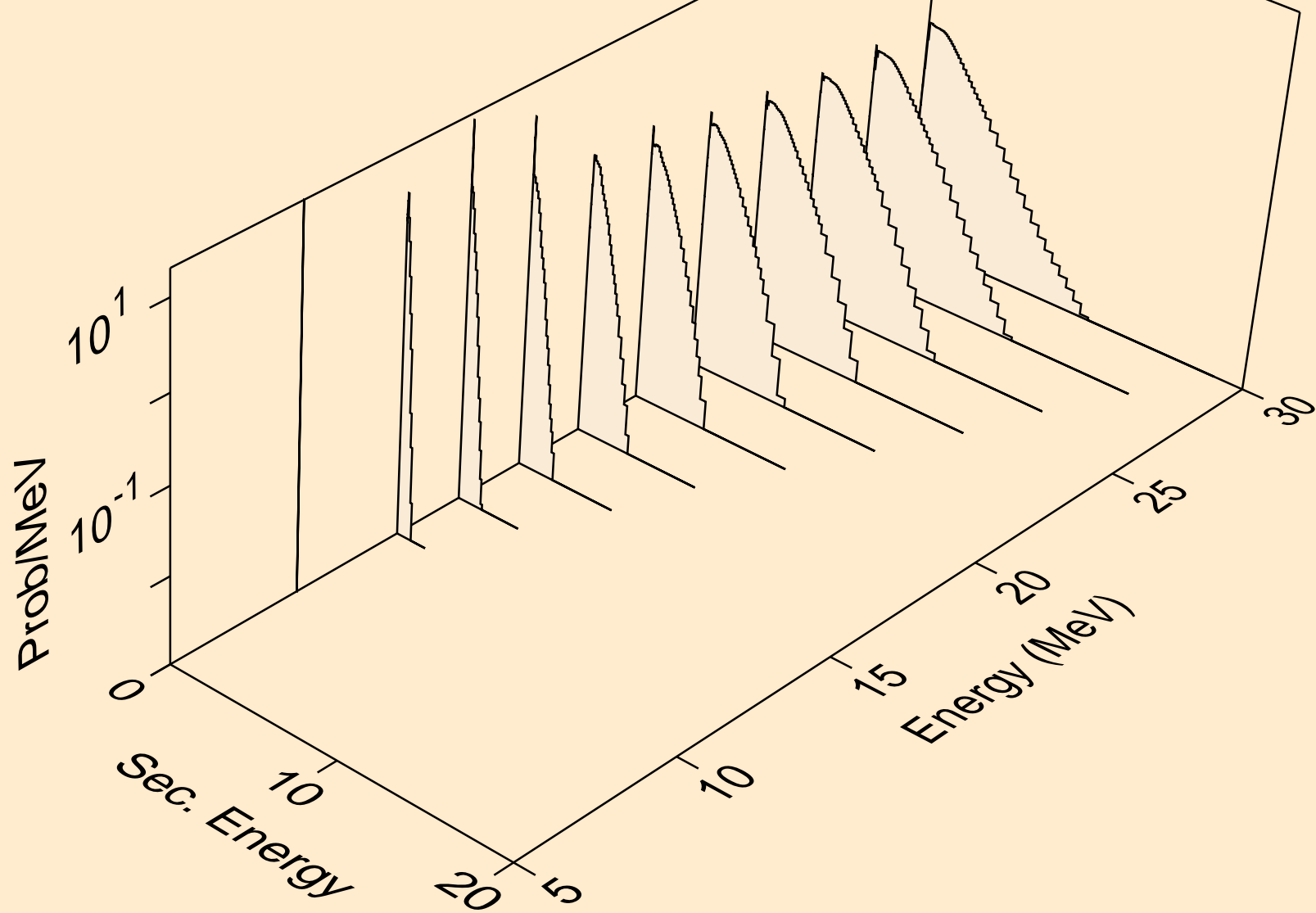
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neutrons from (a,2n)



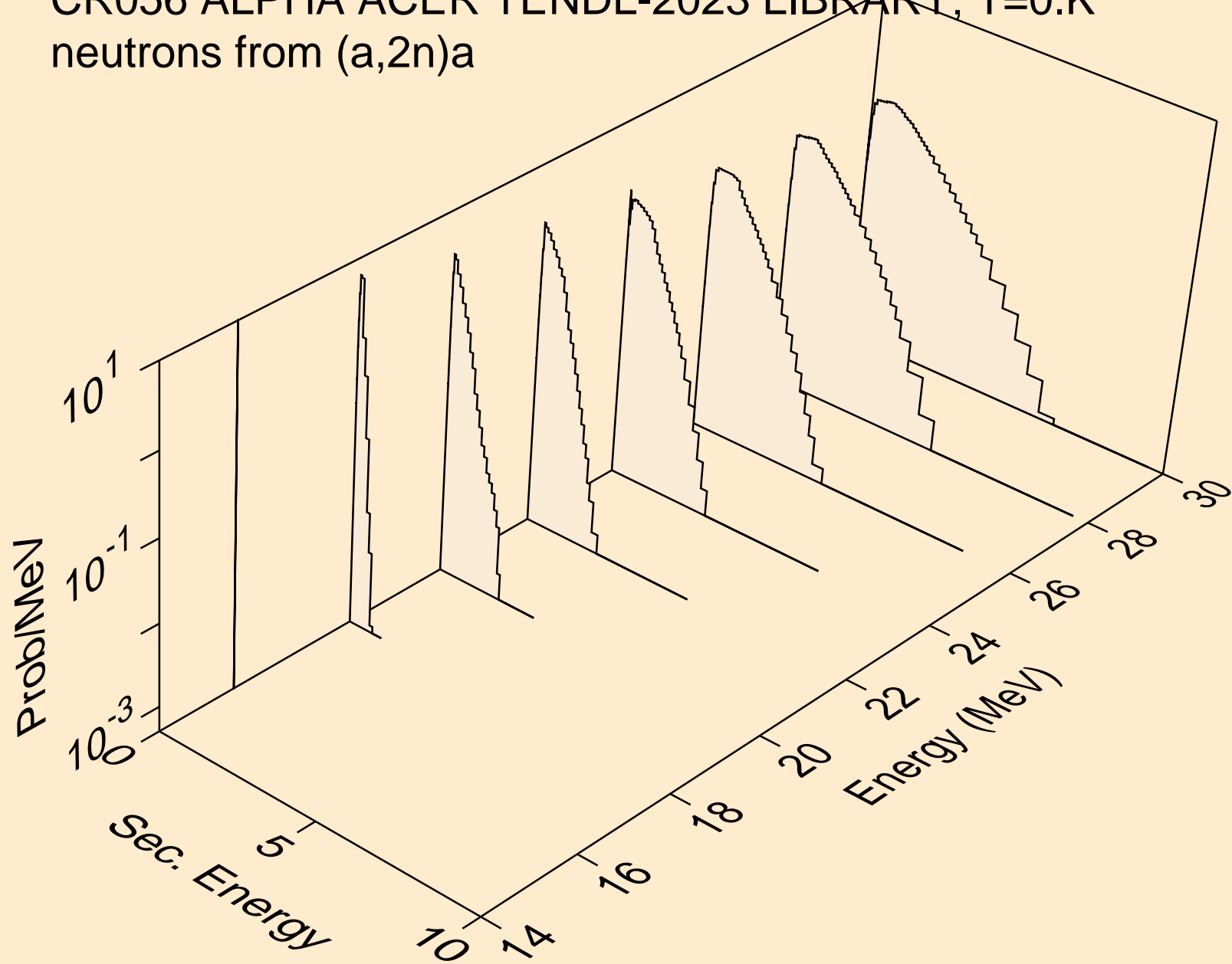
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

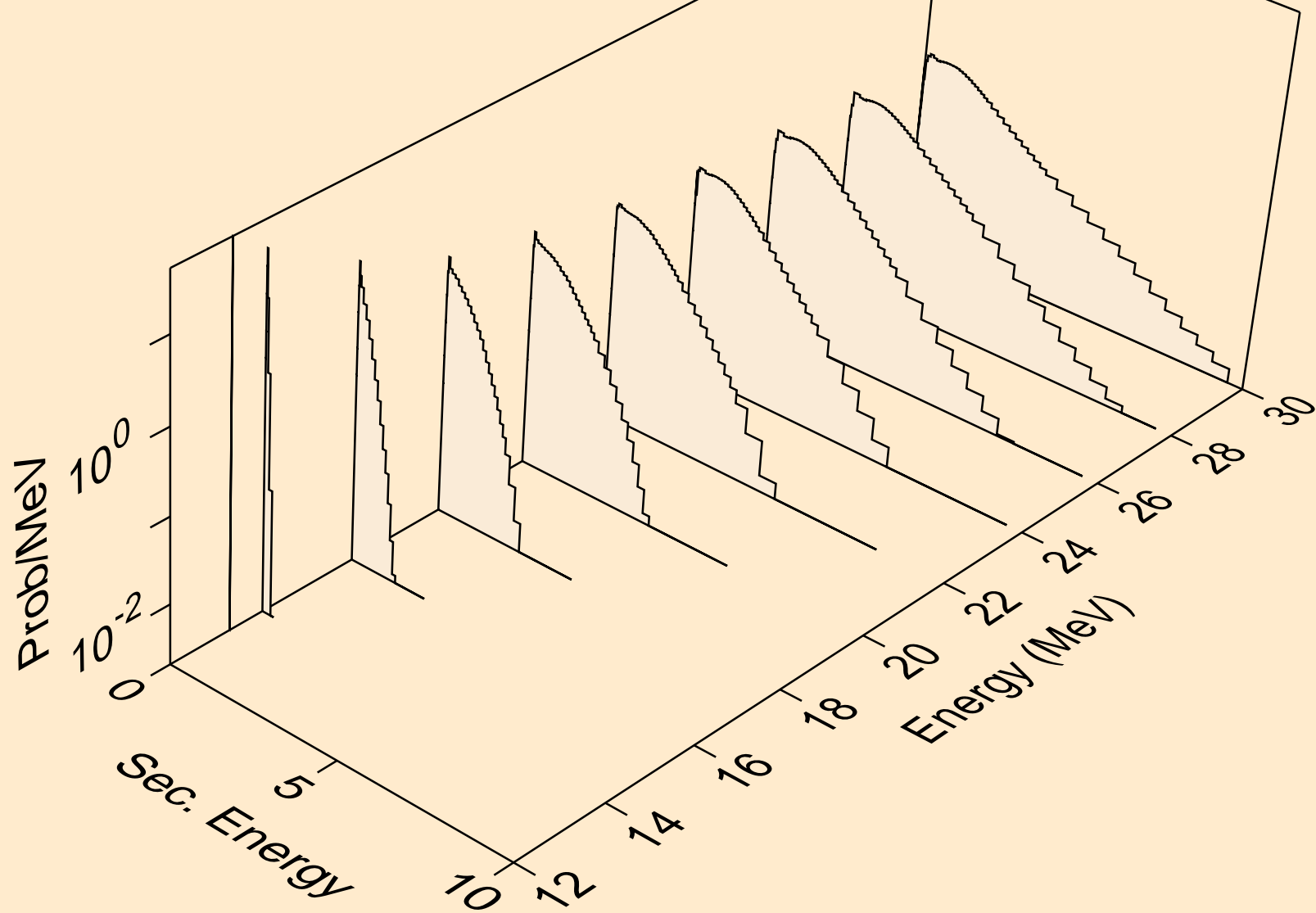


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neutrons from (a,2n)a

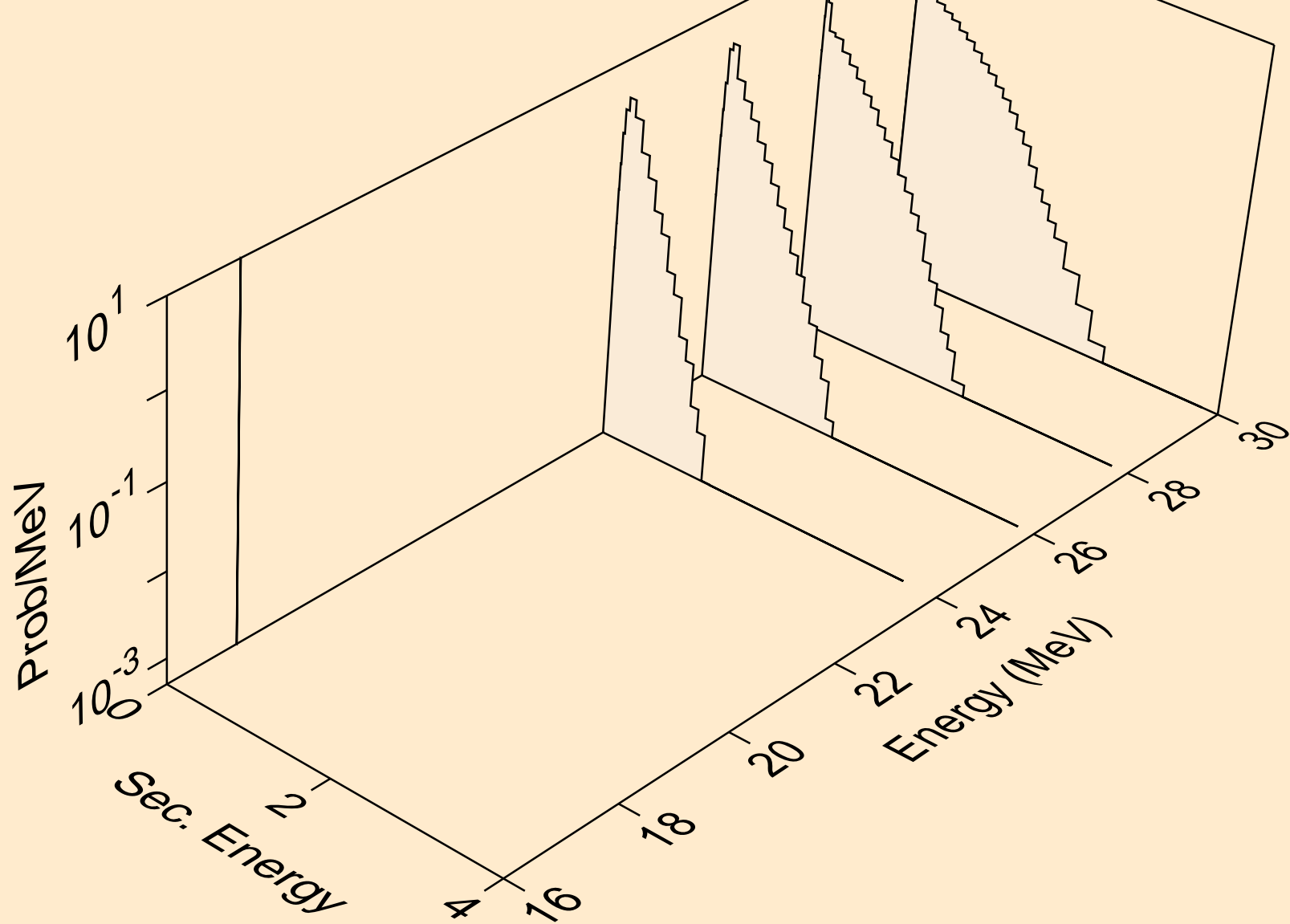




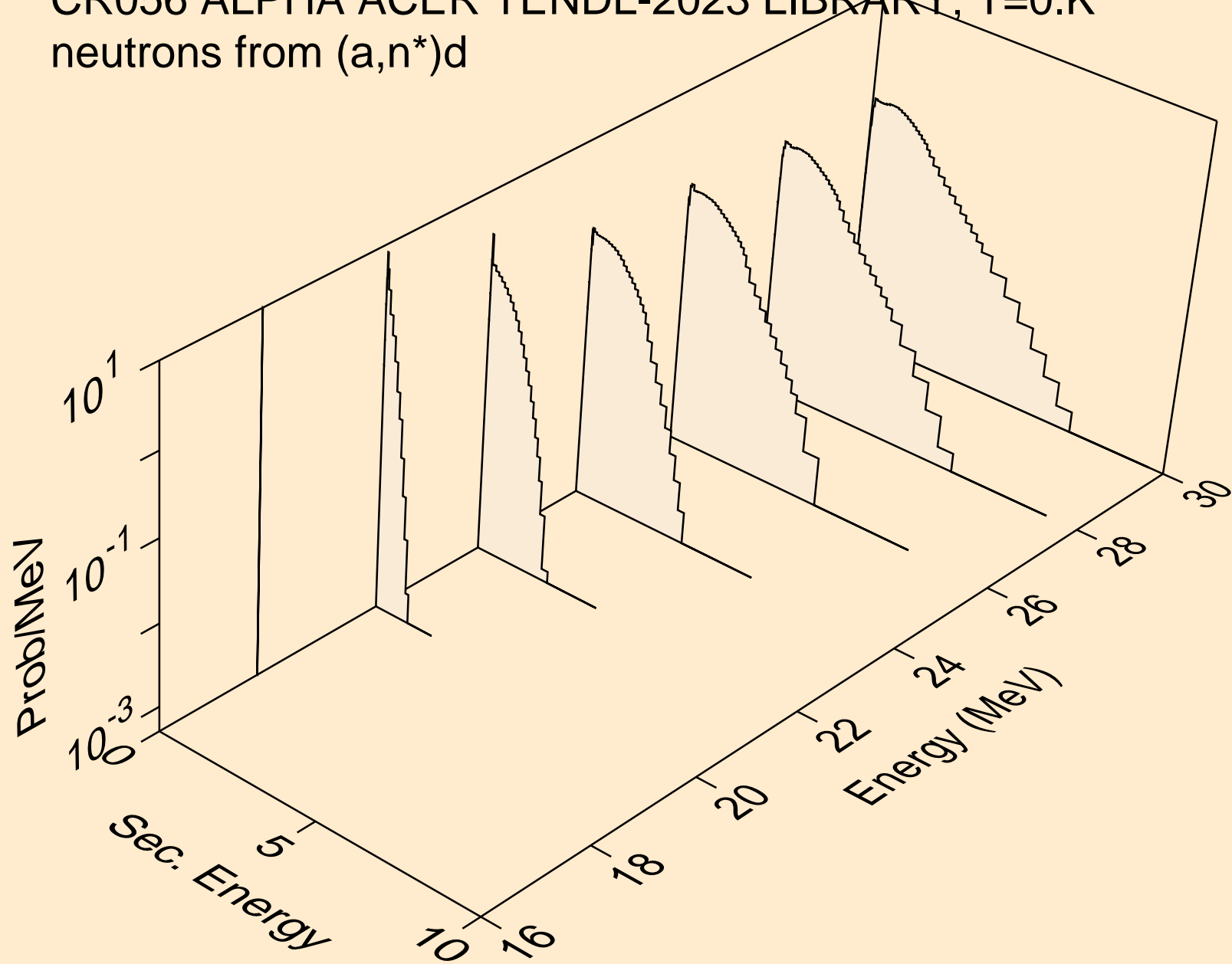
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neutrons from (a,n\*)p



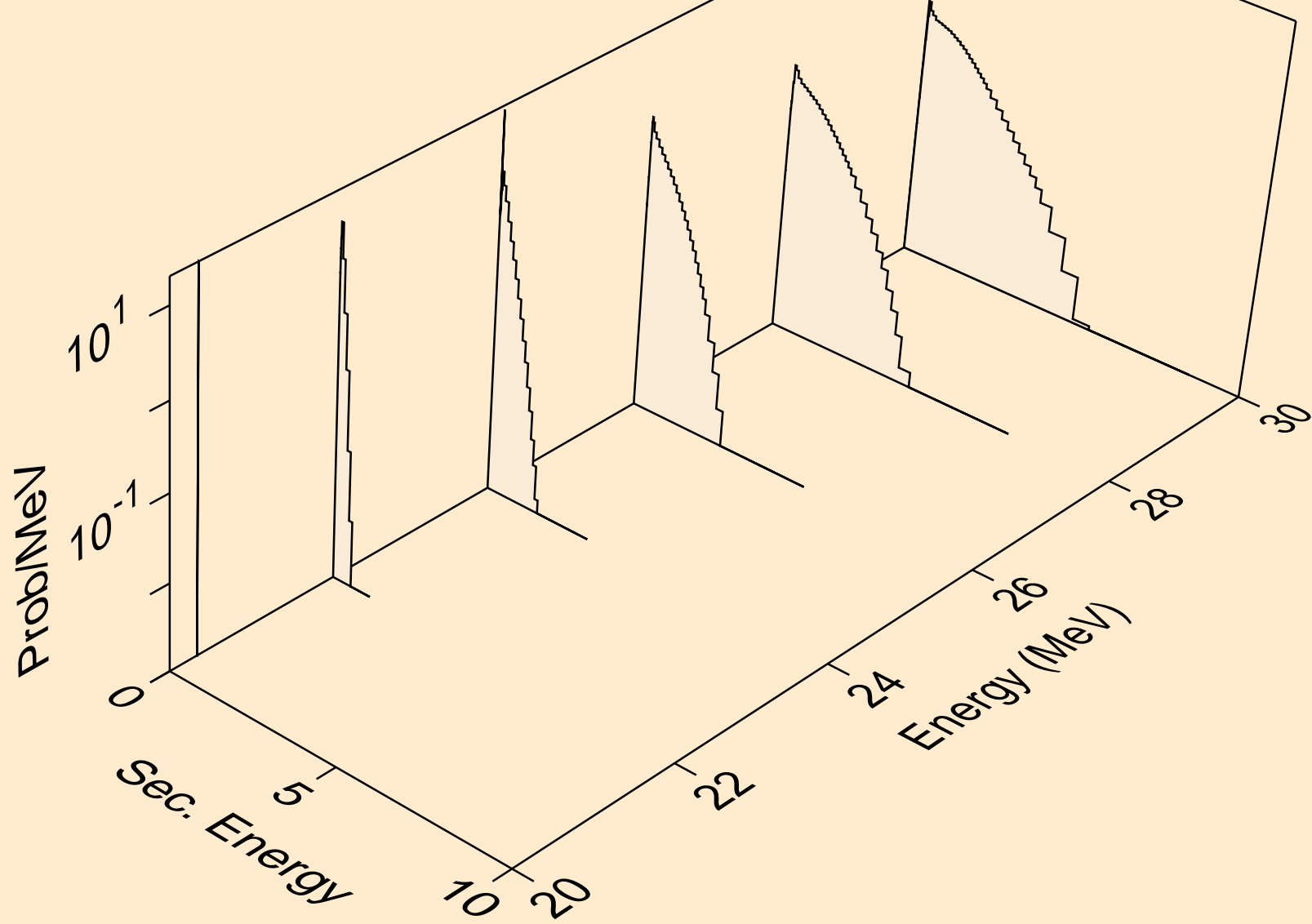
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neutrons from (a,n\*)2a



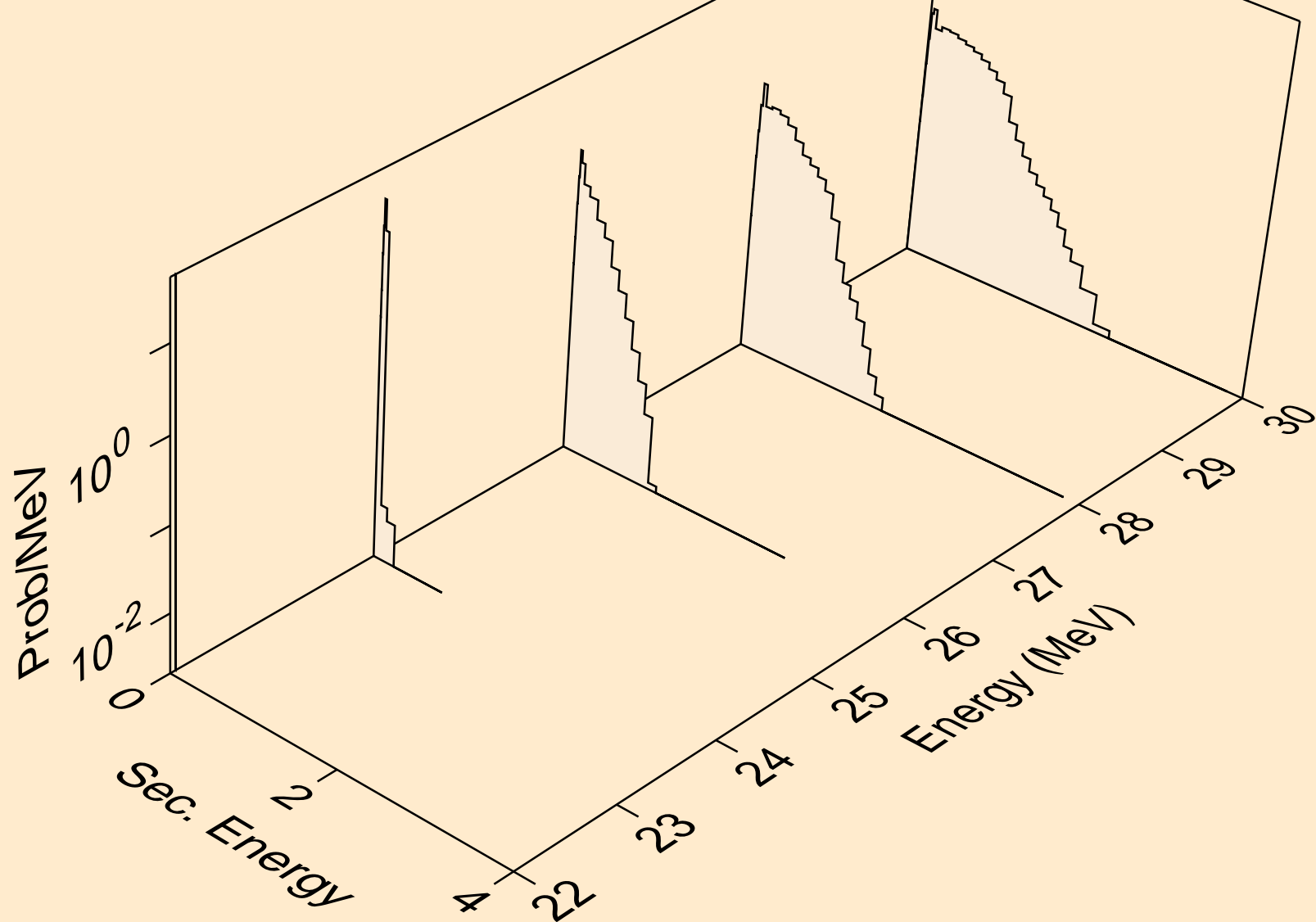
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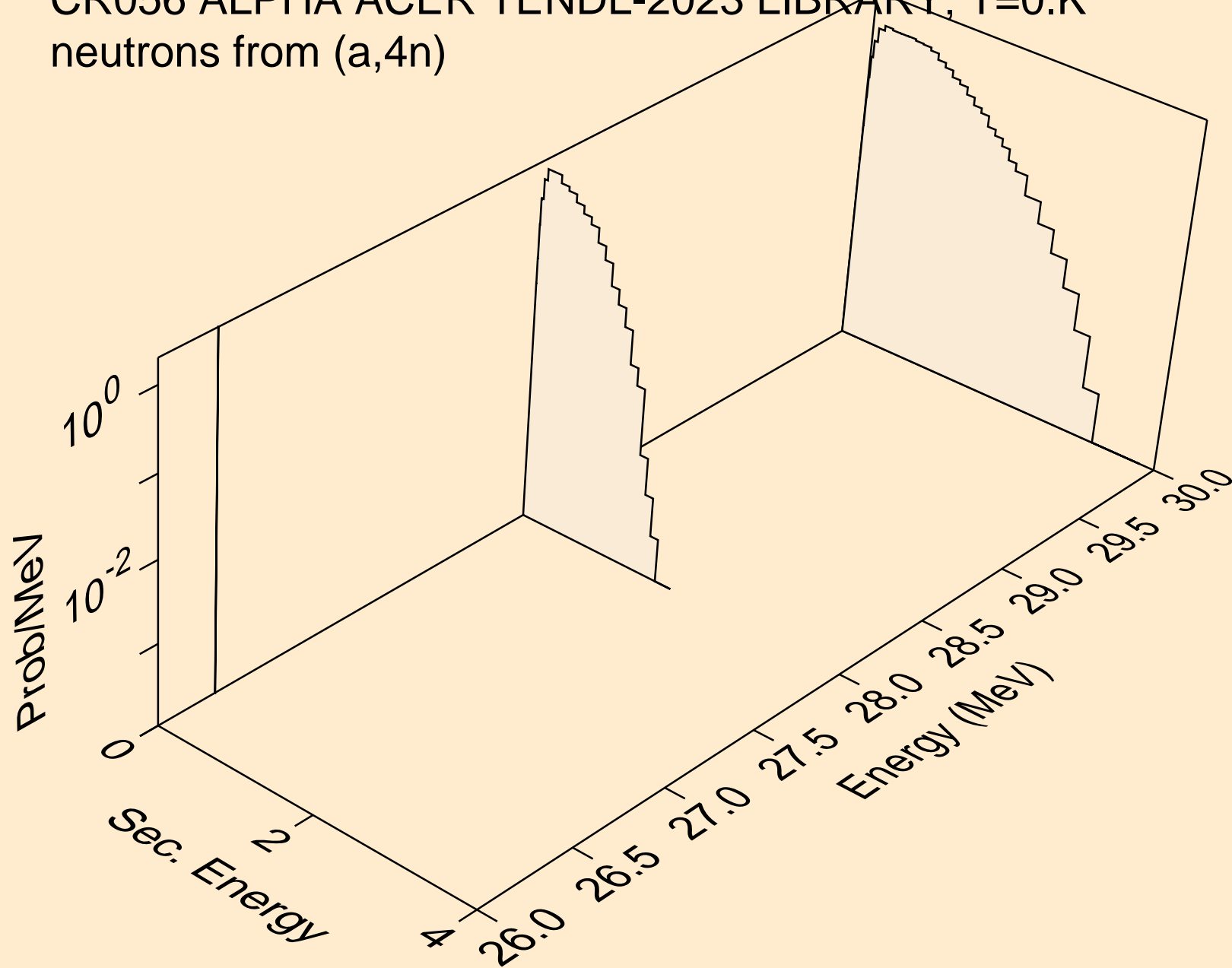
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neutrons from (a,n\*)t



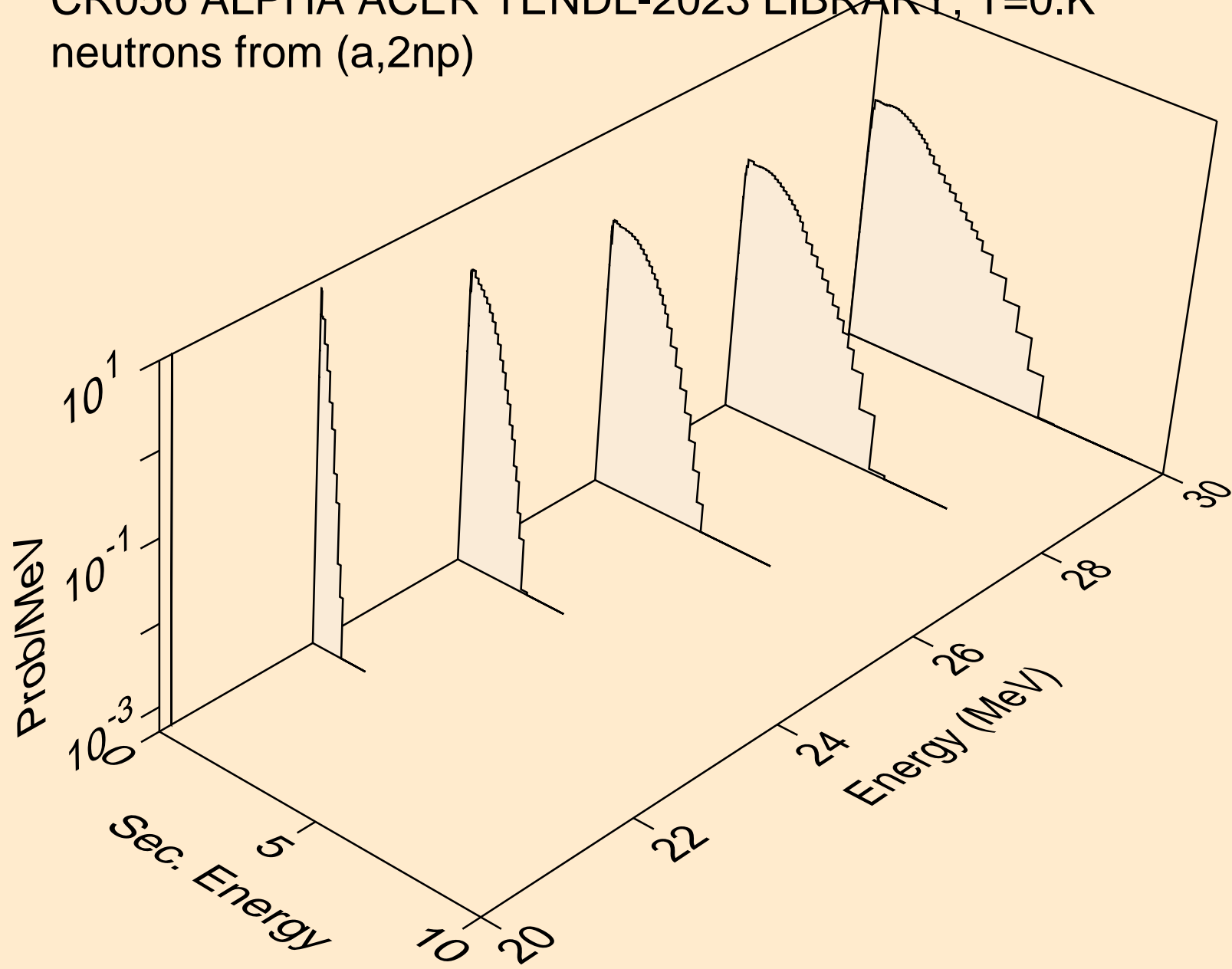
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neutrons from (a,n\*)he3



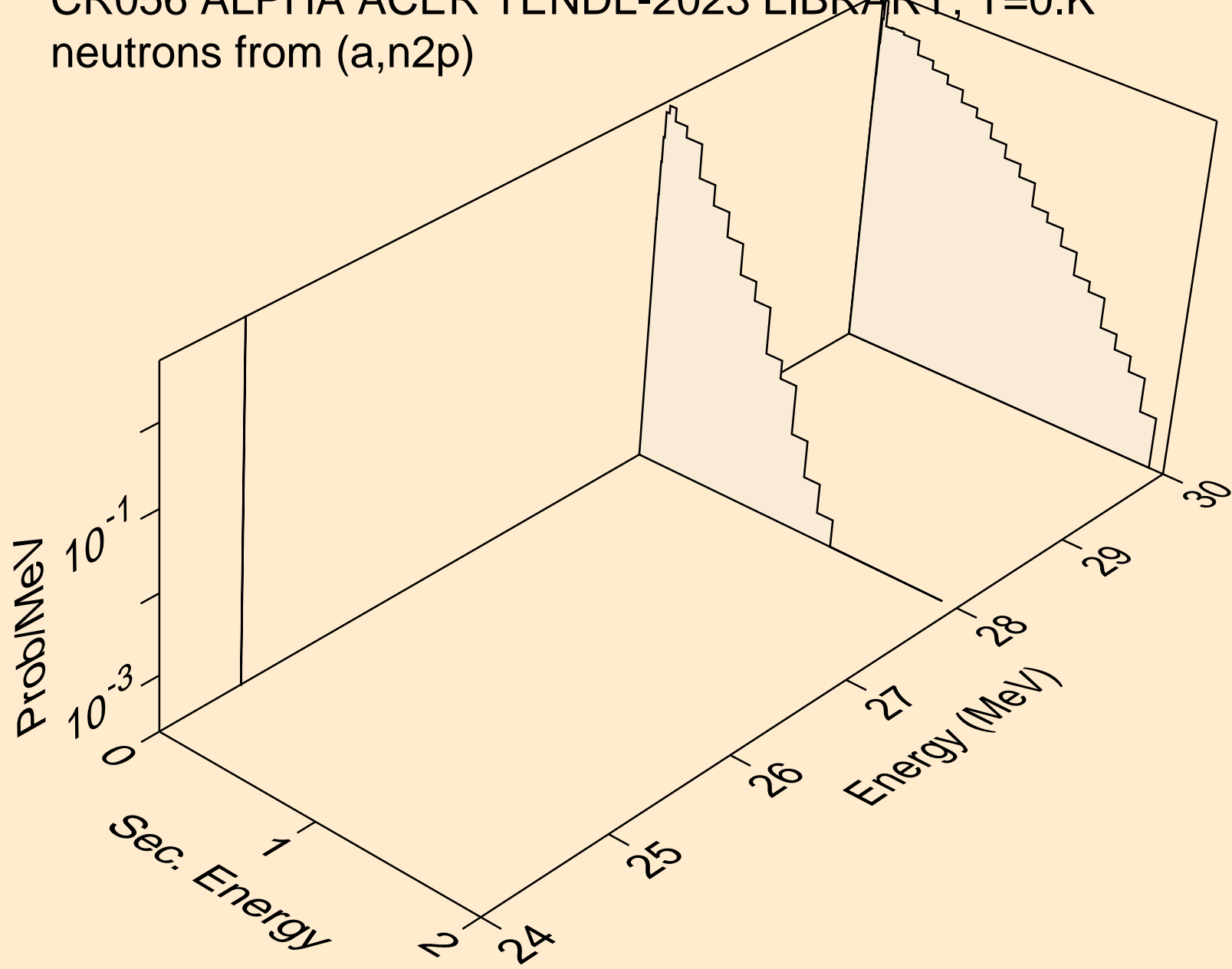
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)



CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

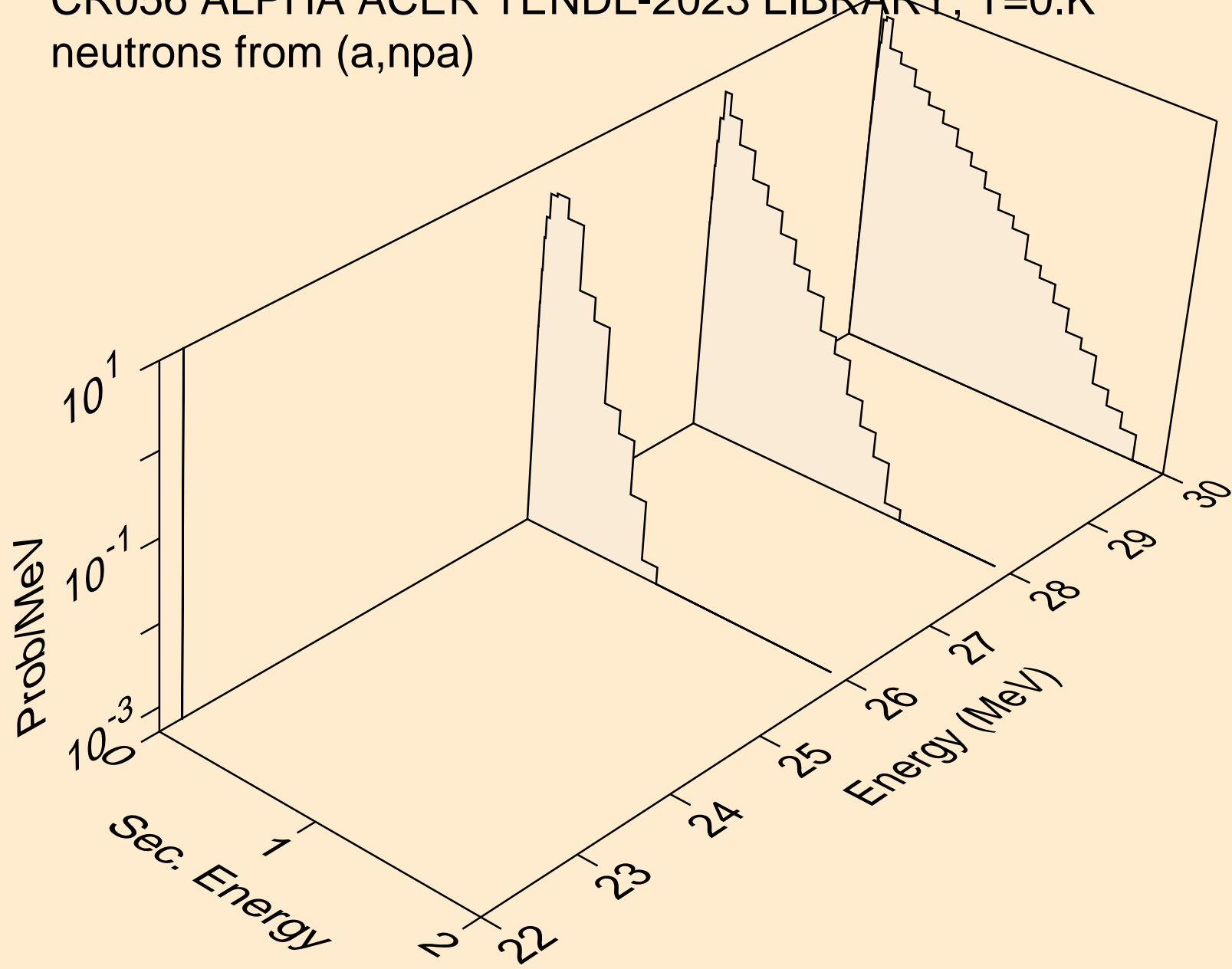


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neutrons from (a,n2p)

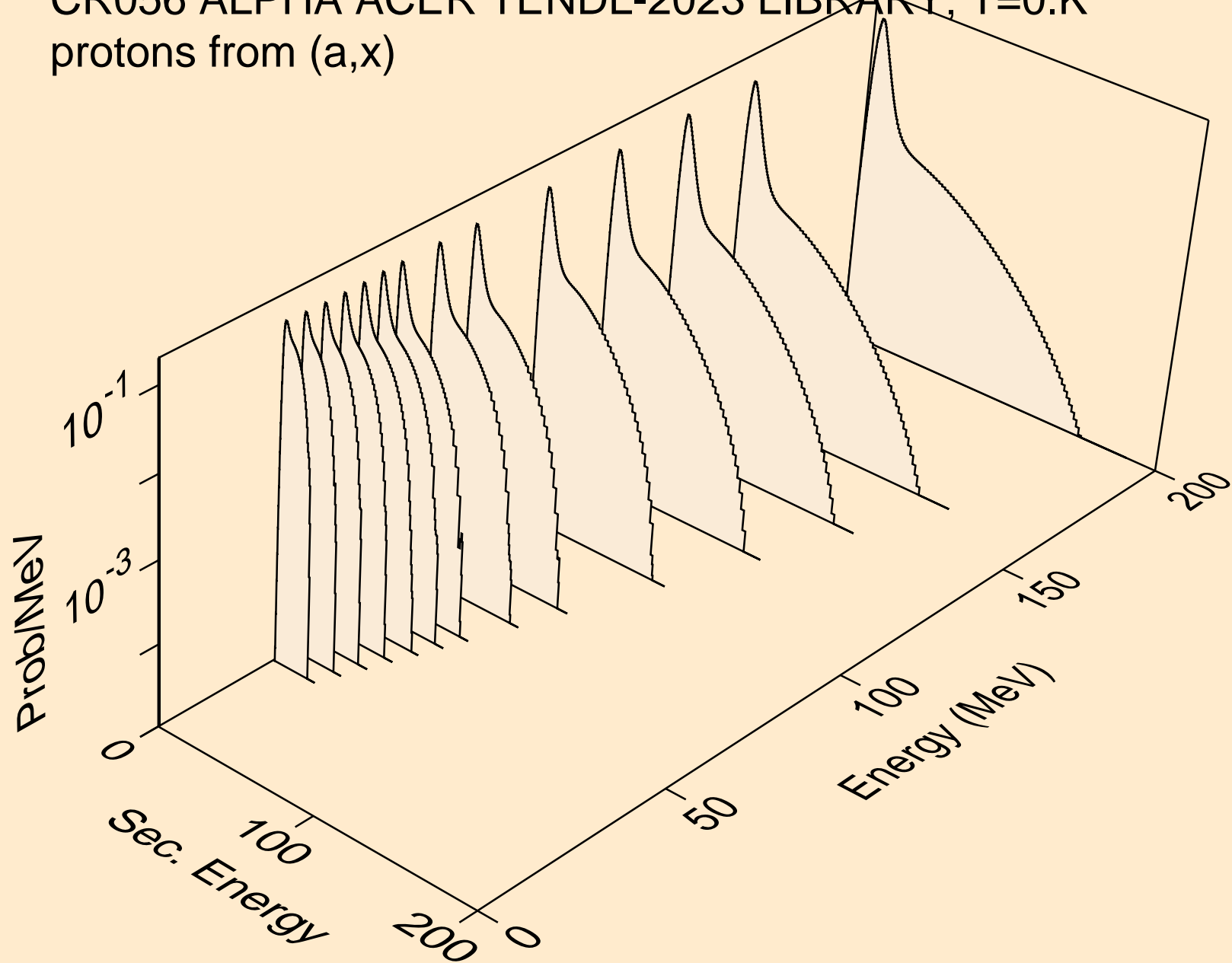




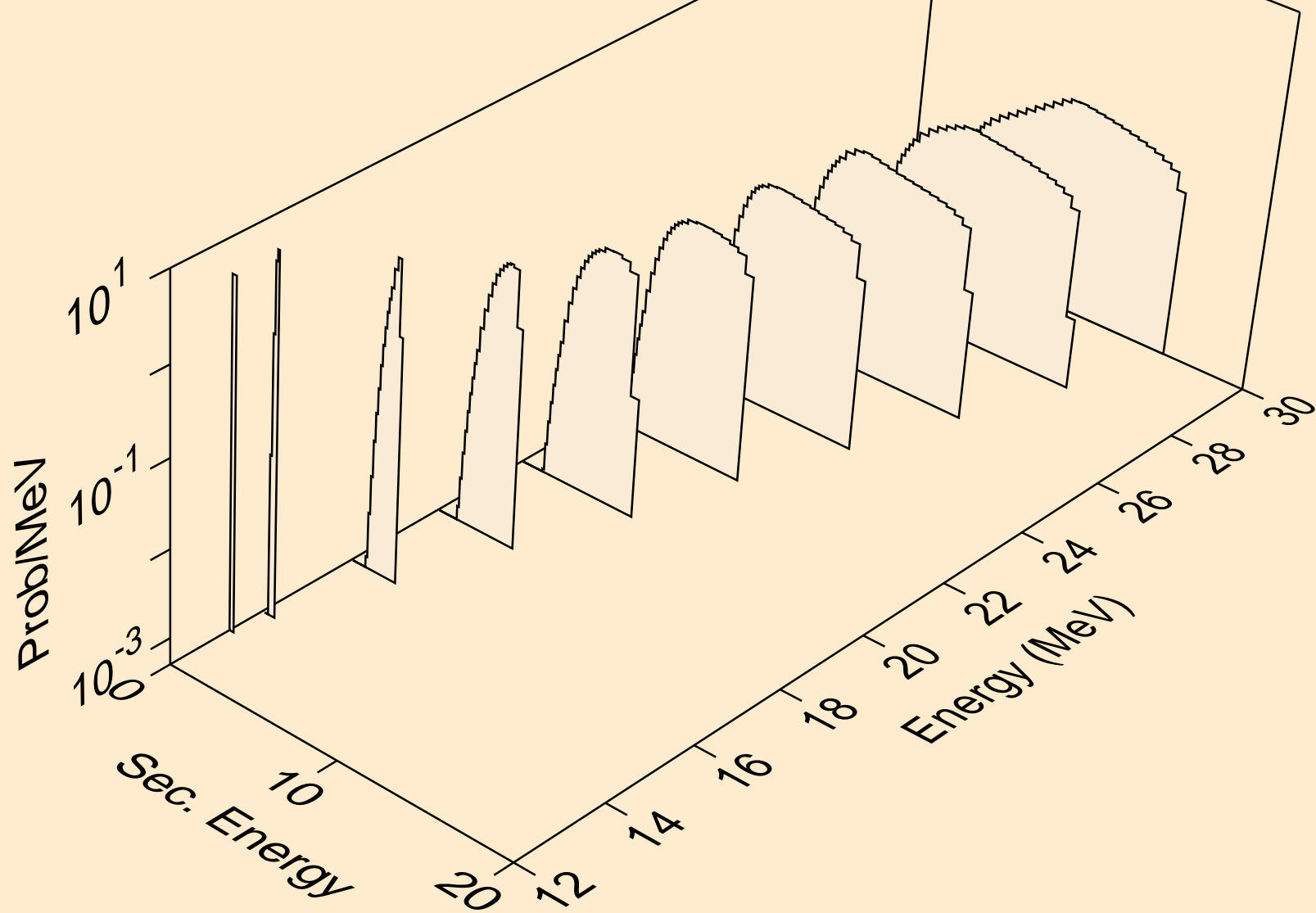
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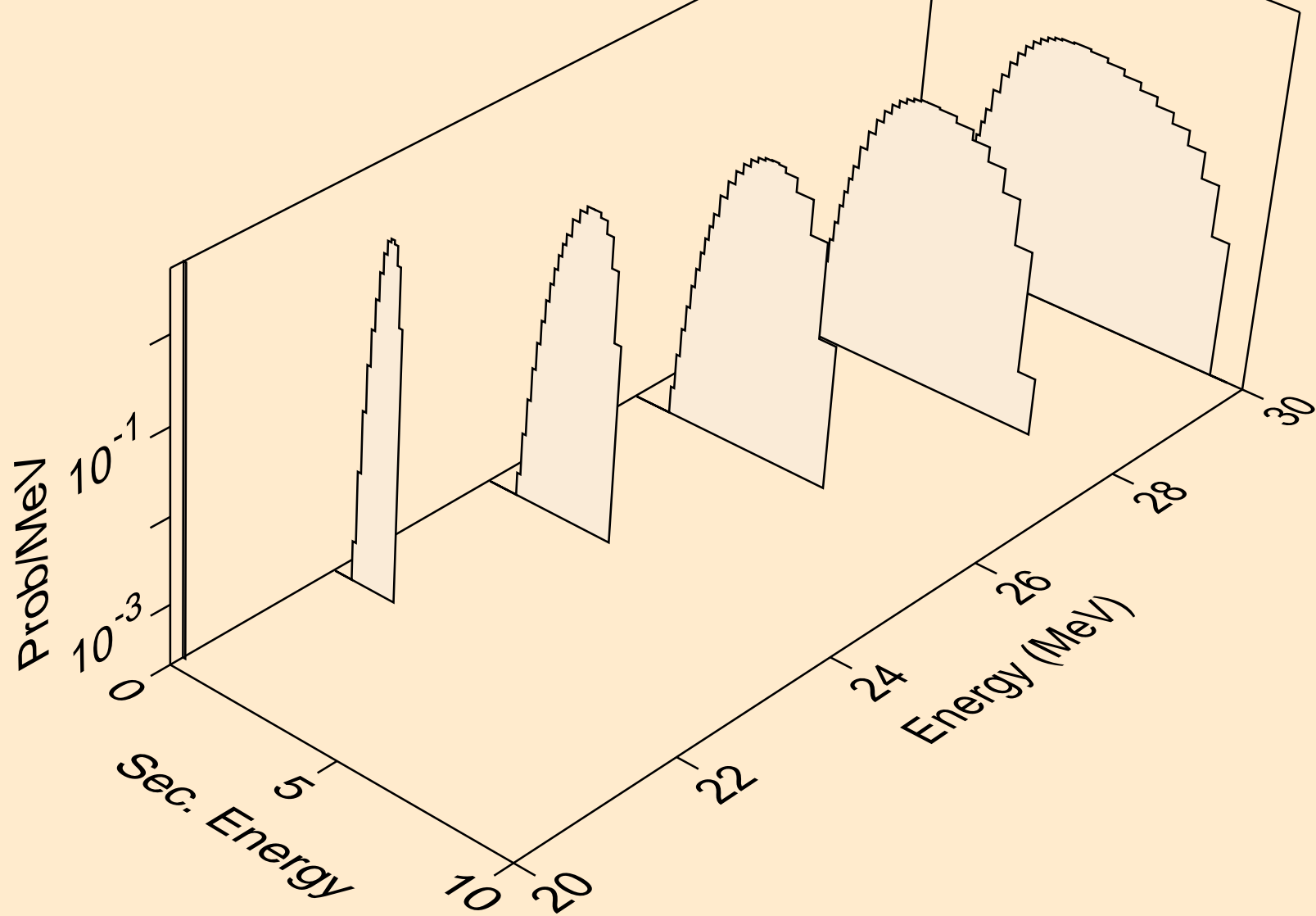
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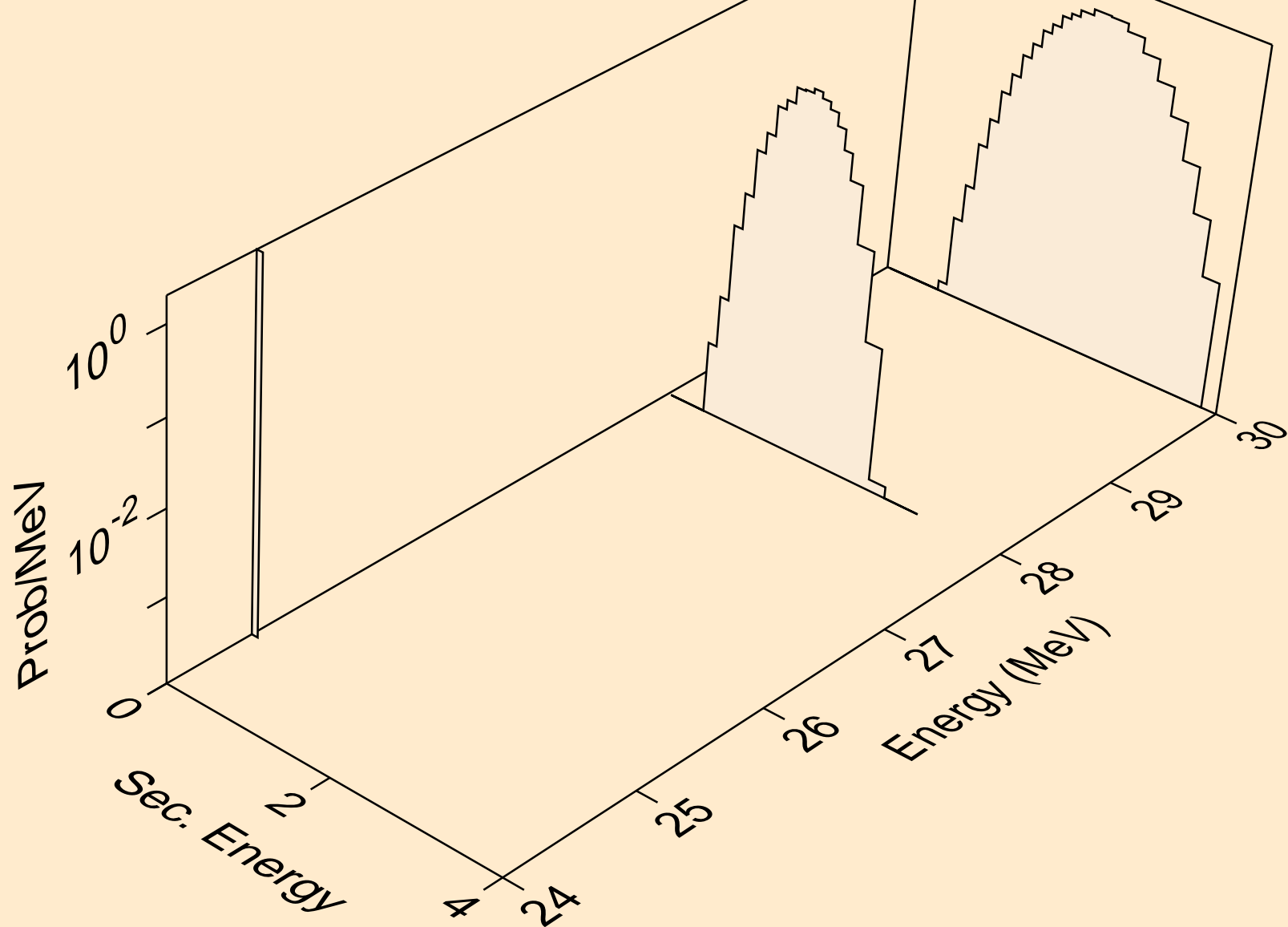
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



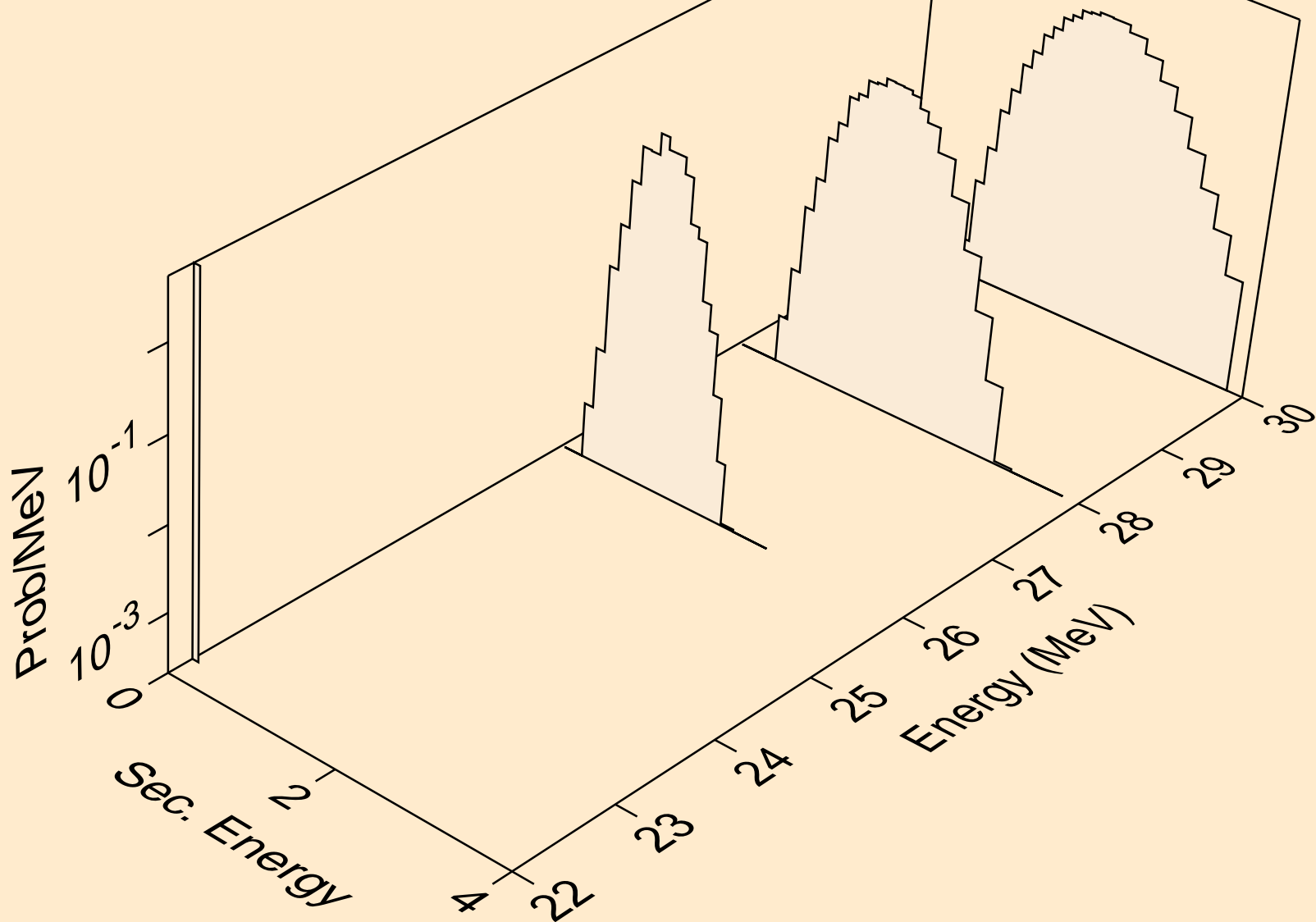
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



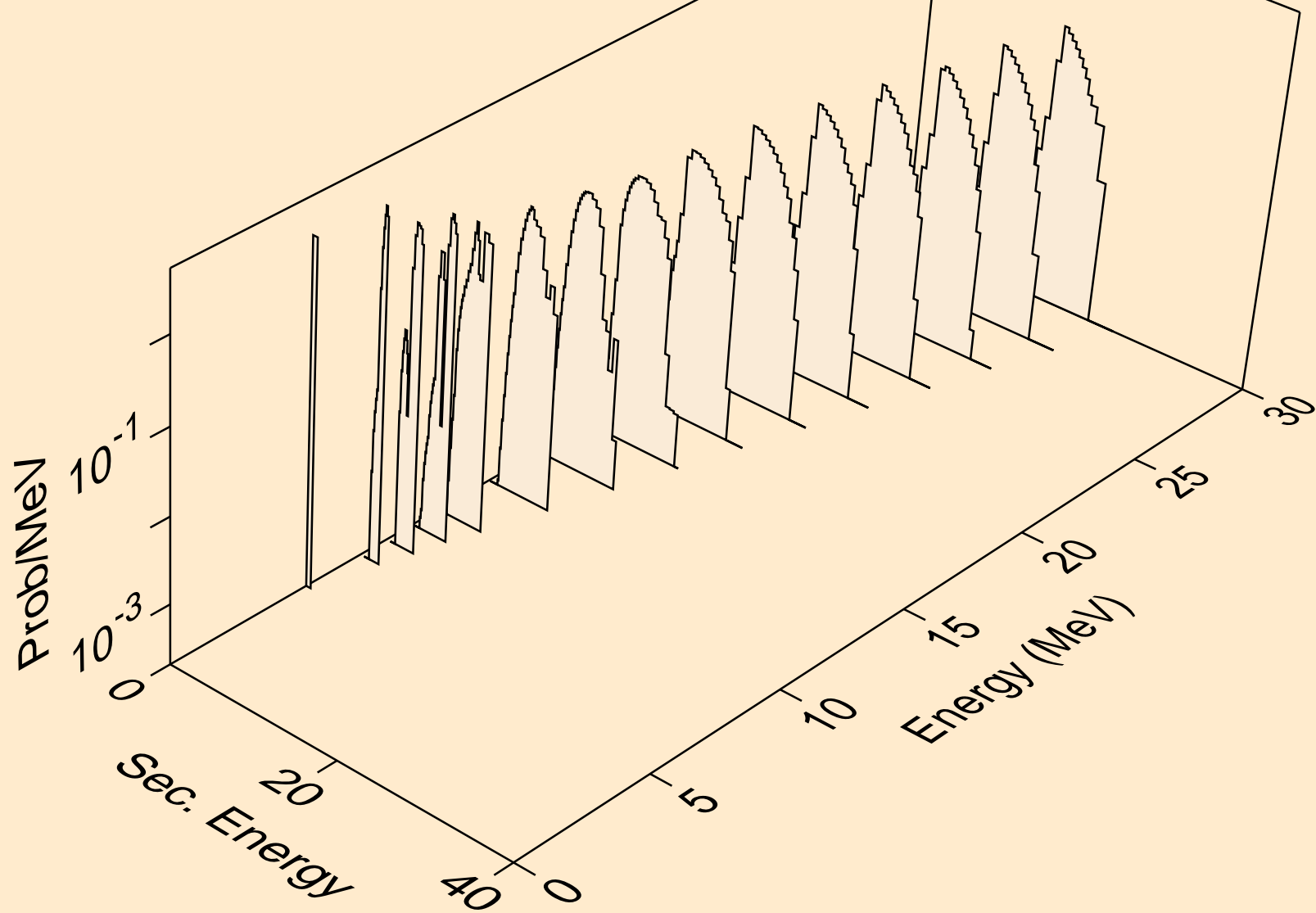
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protons from (a,n2p)



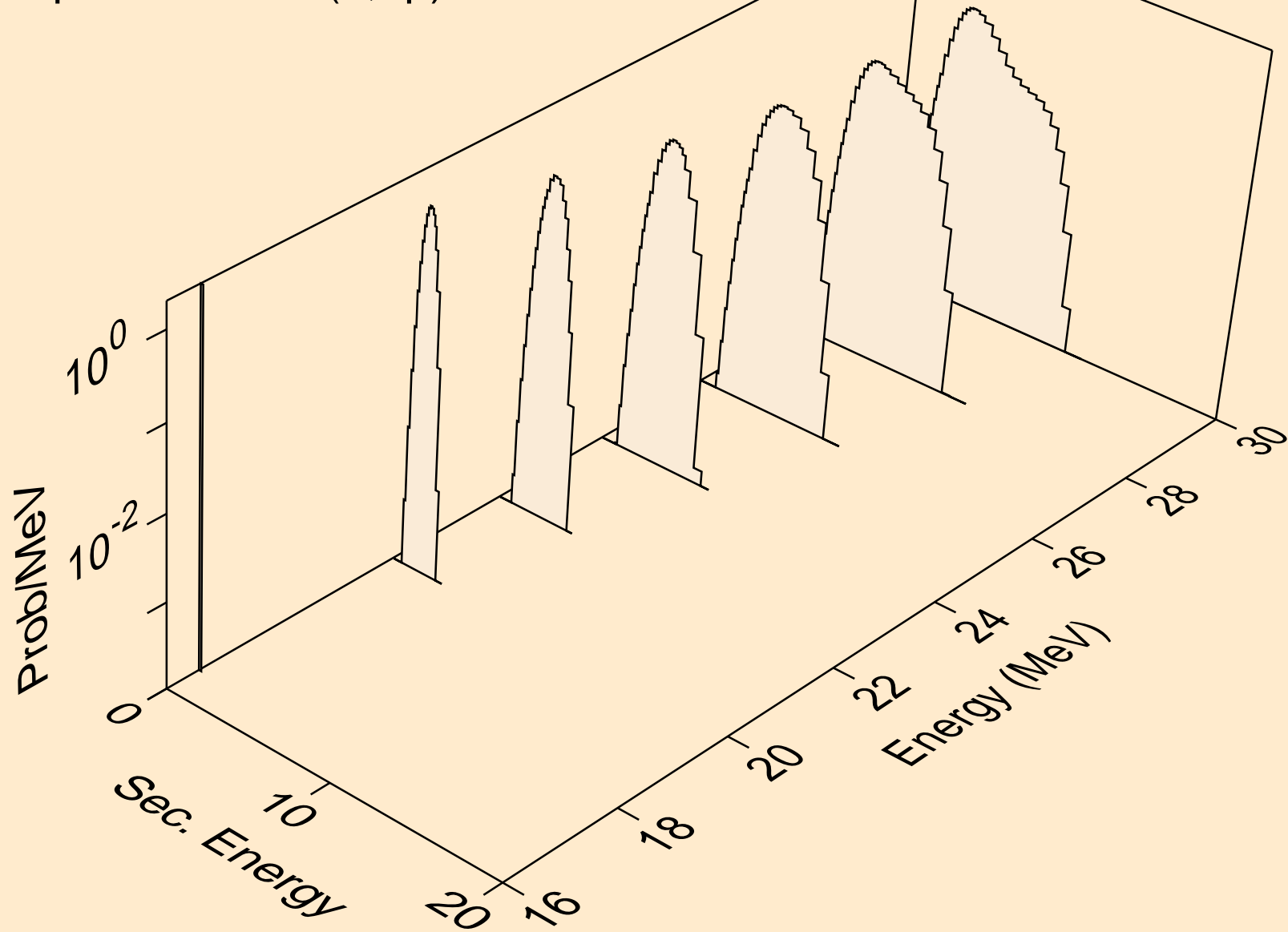
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)

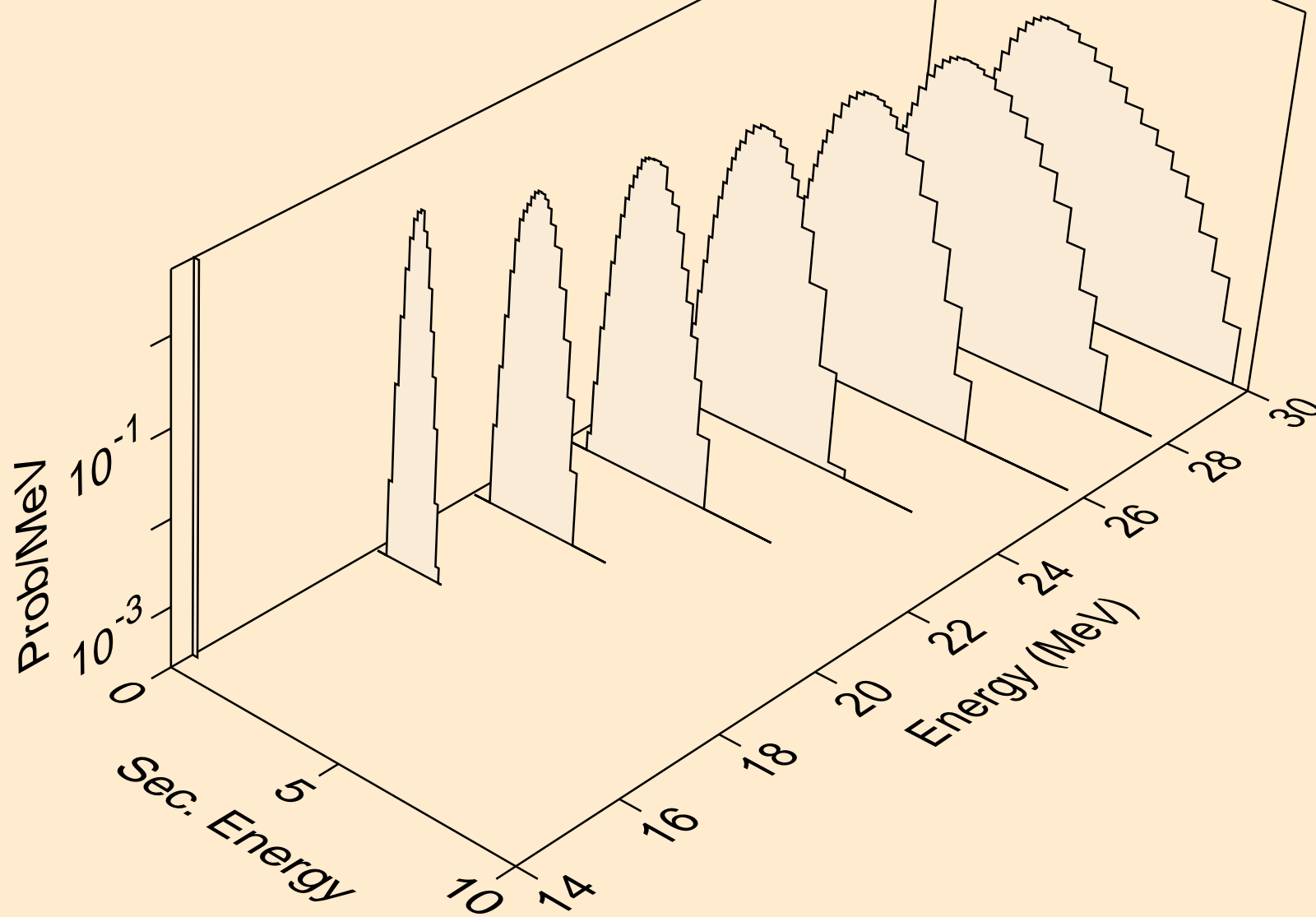


CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)

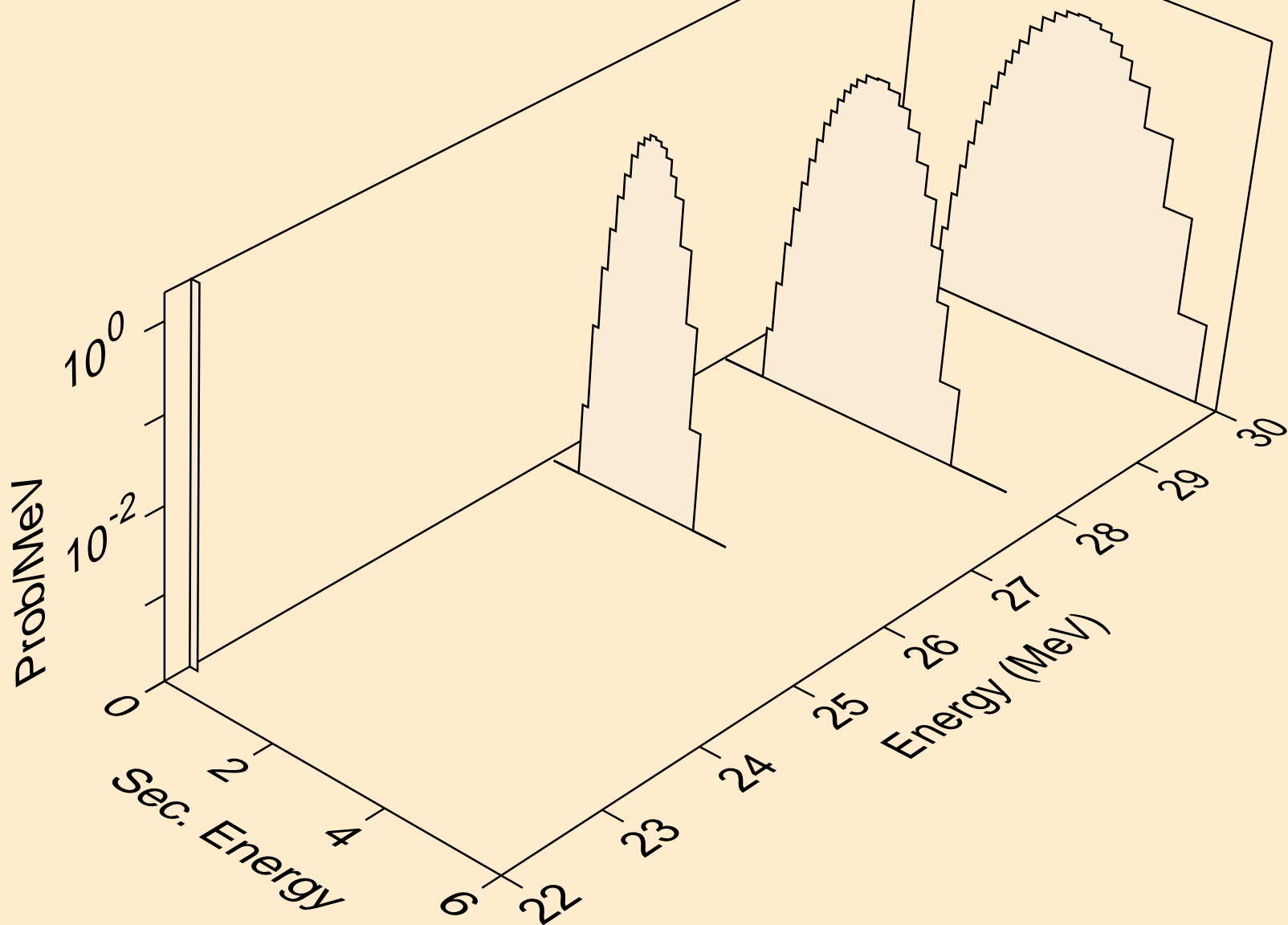




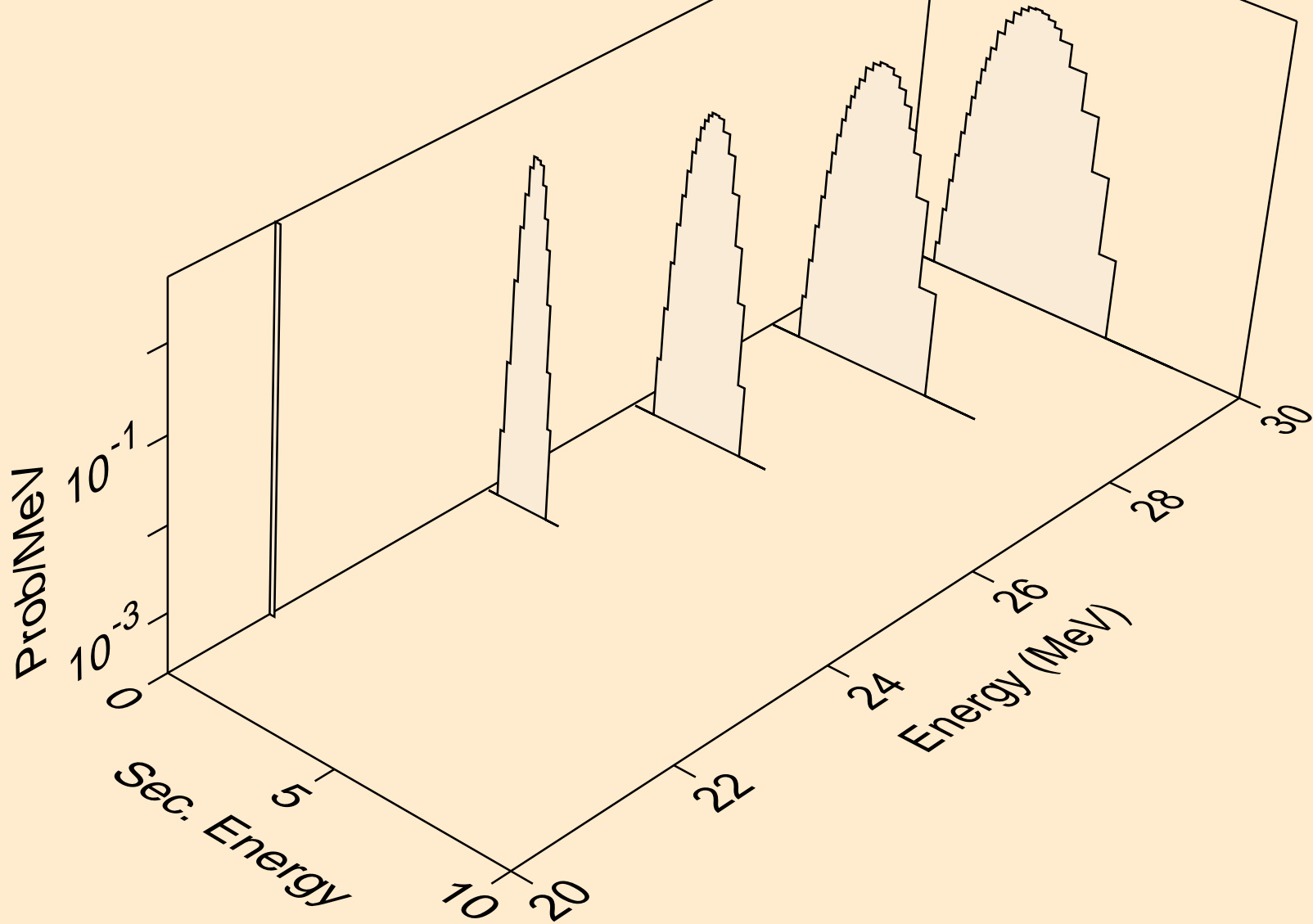
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protons from (a,pa)



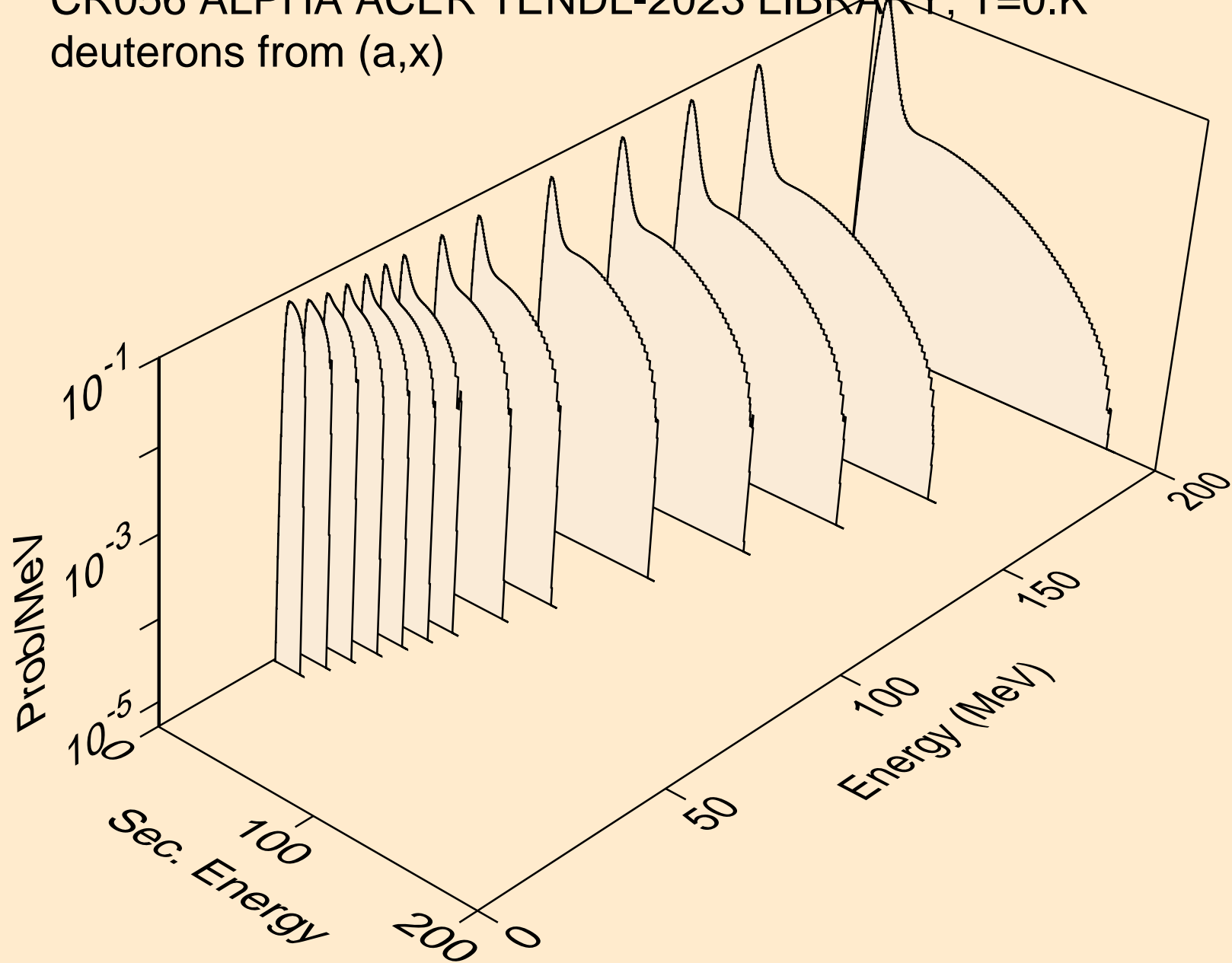
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protons from (a,pd)



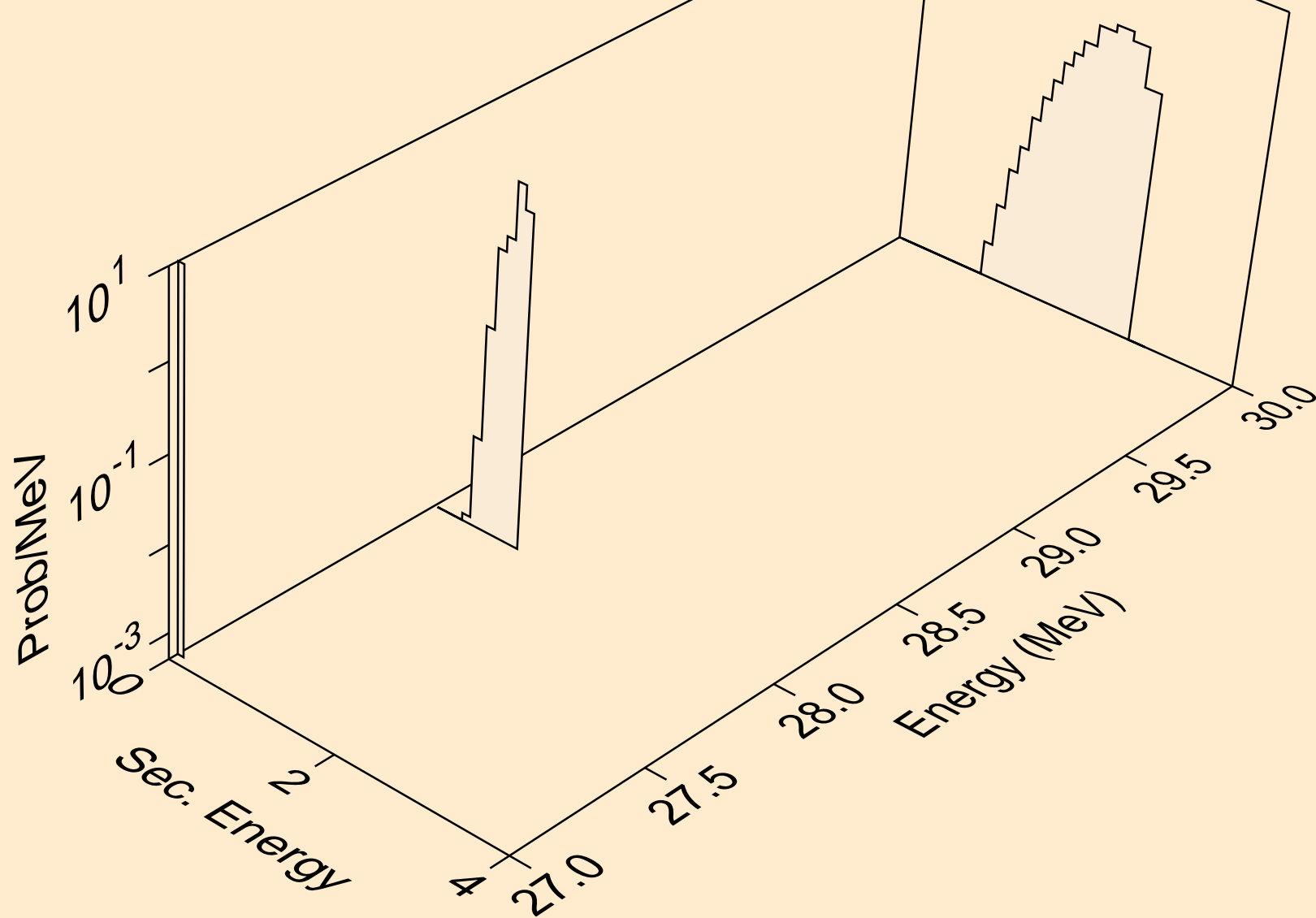
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protons from (a,pt)



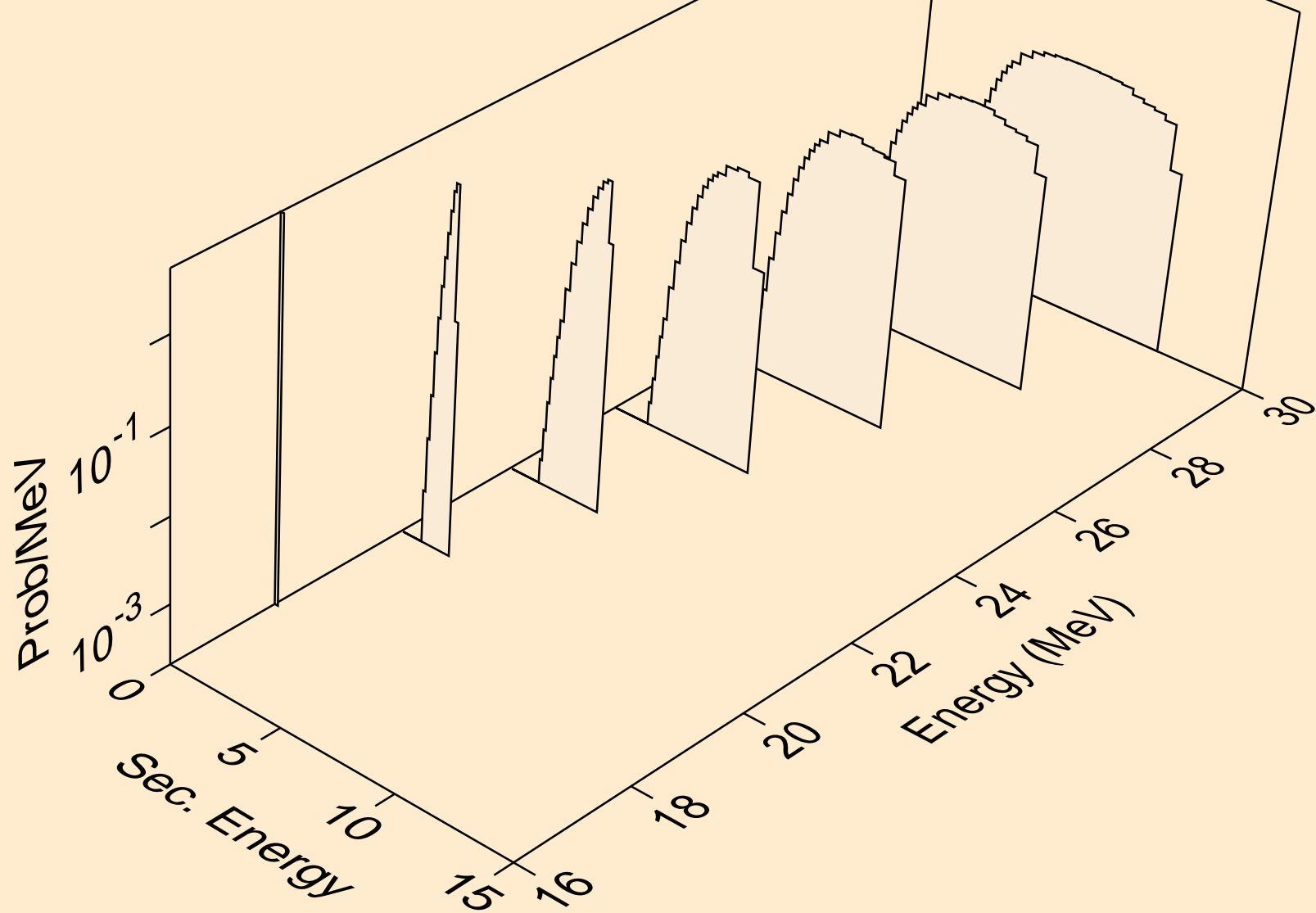
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deuterons from (a,x)



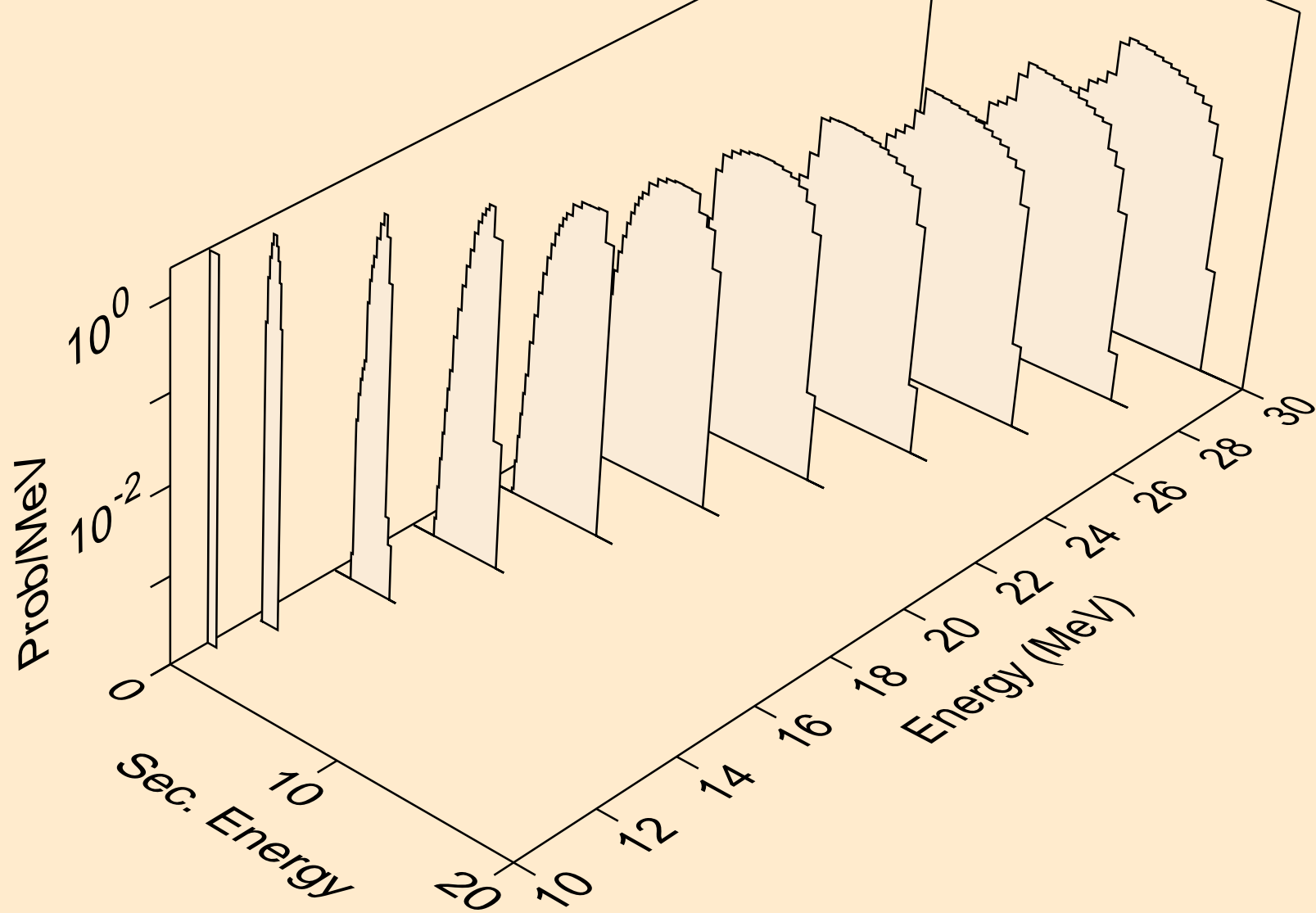
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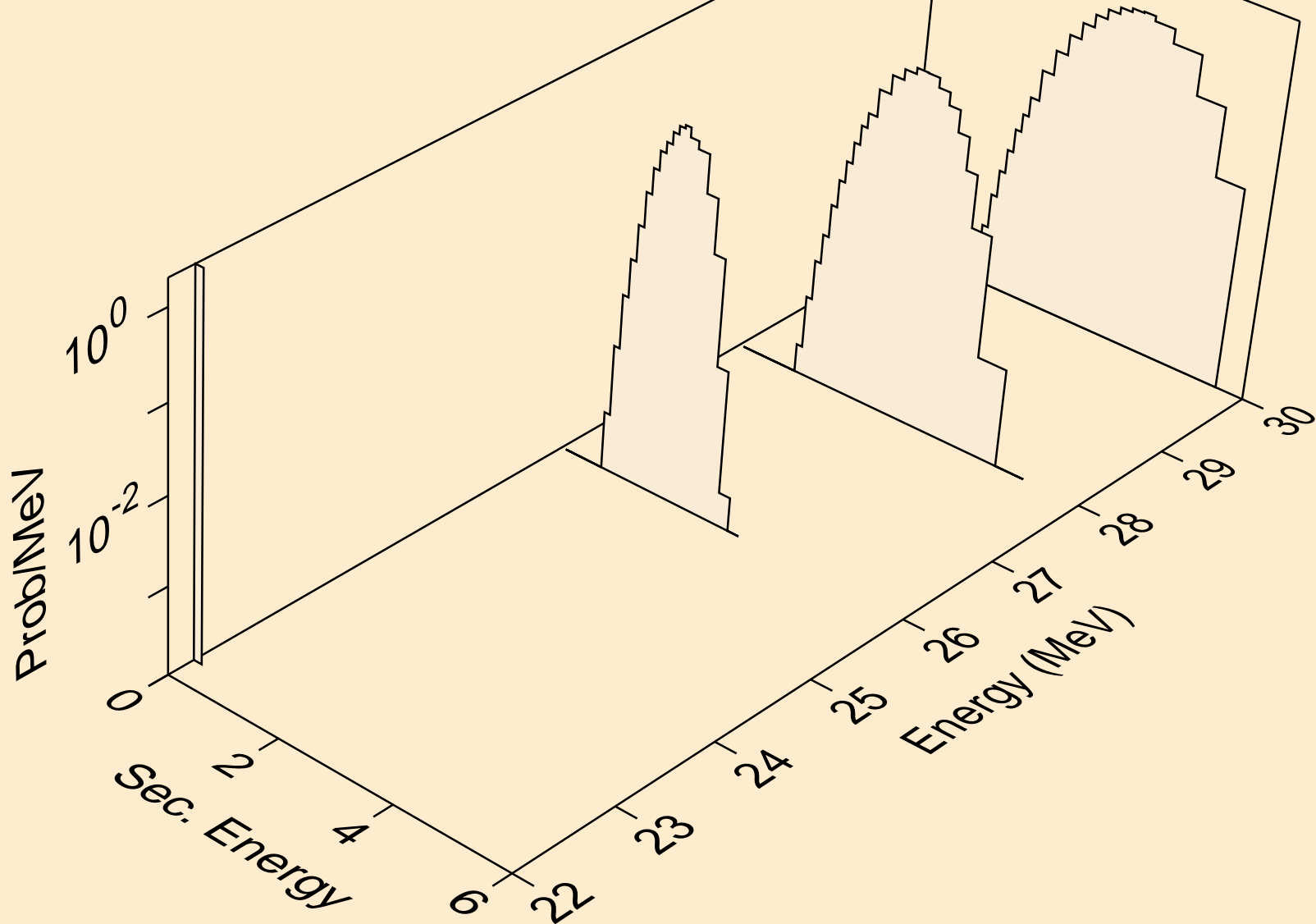
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

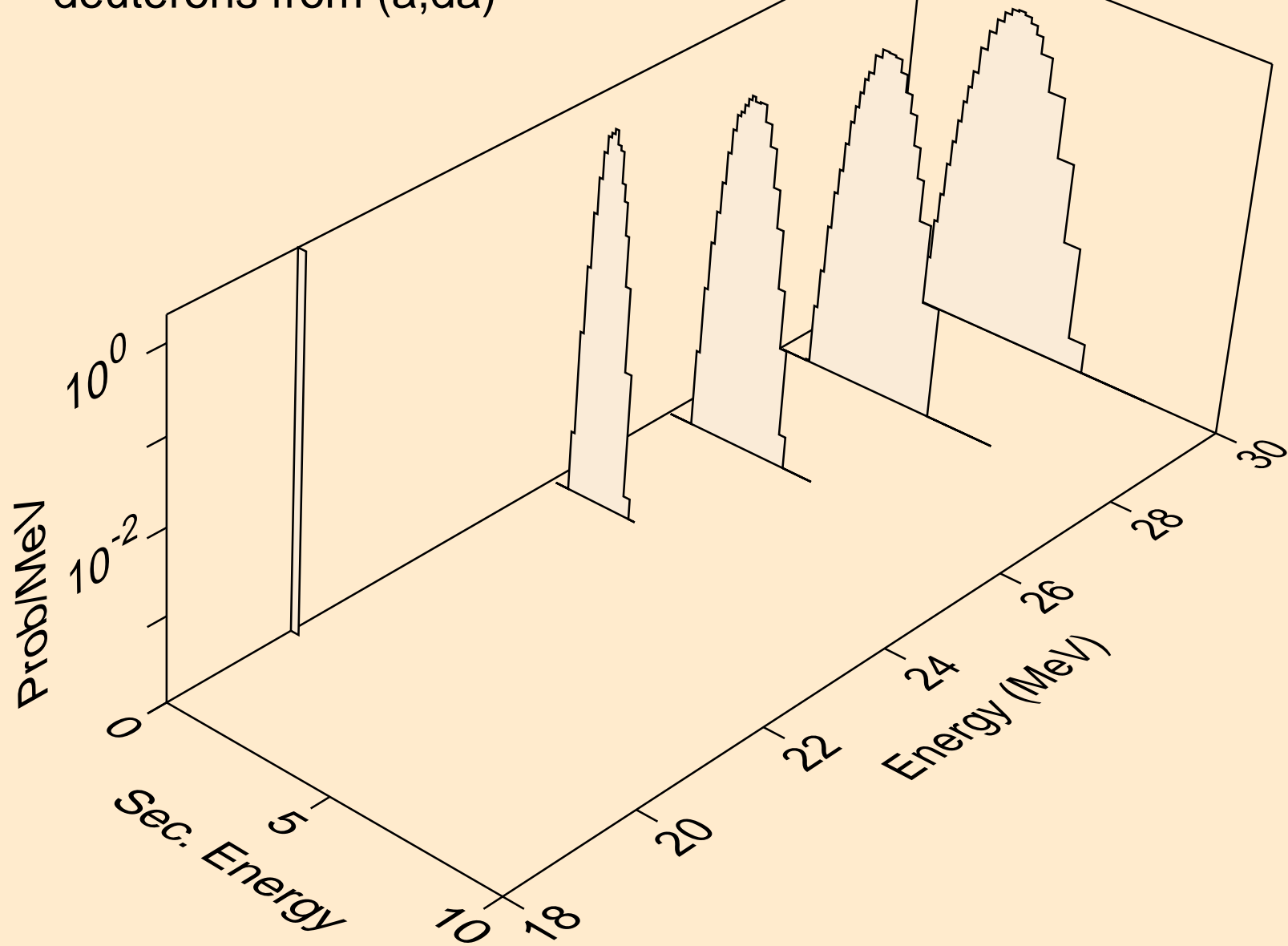


CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)

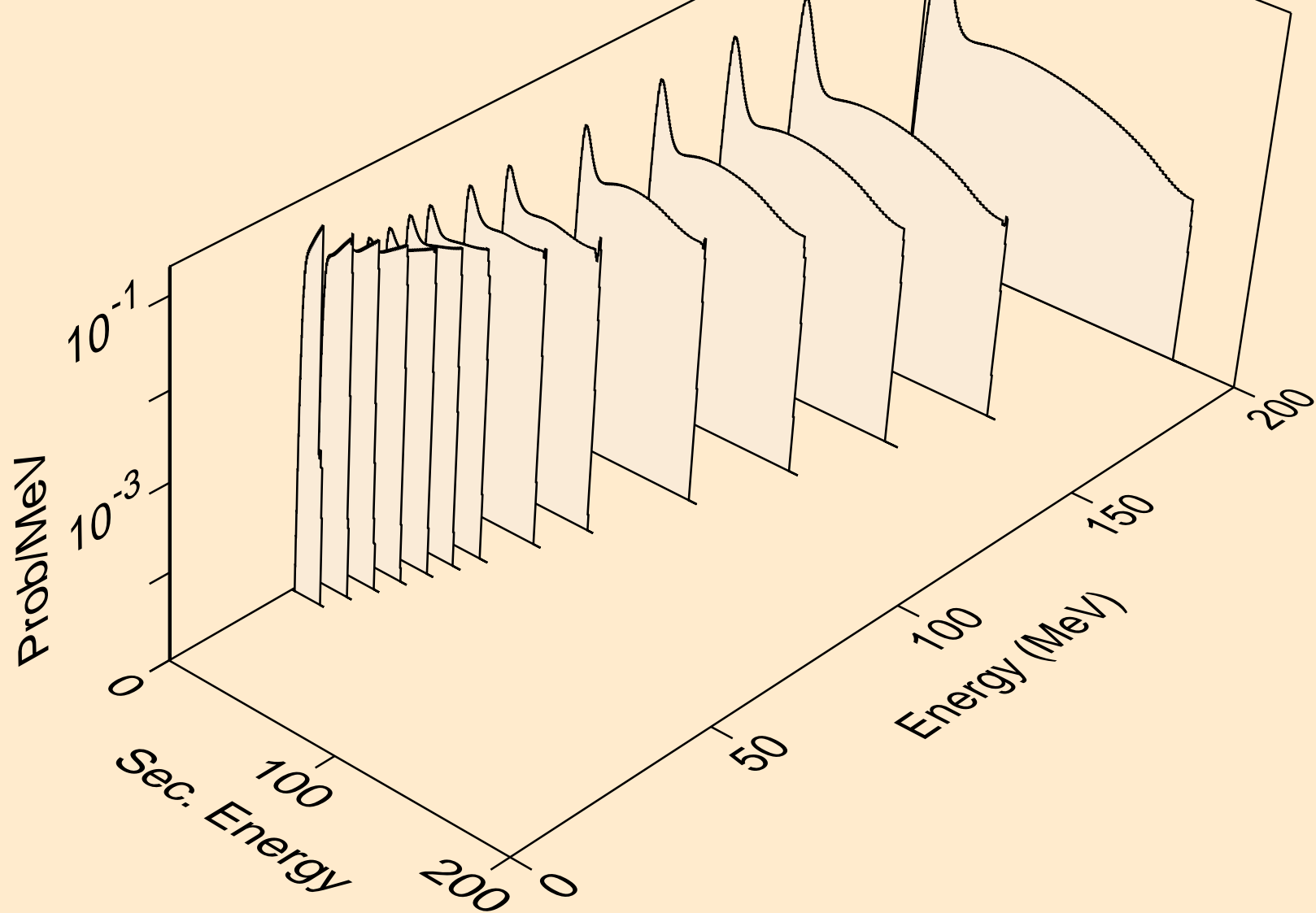




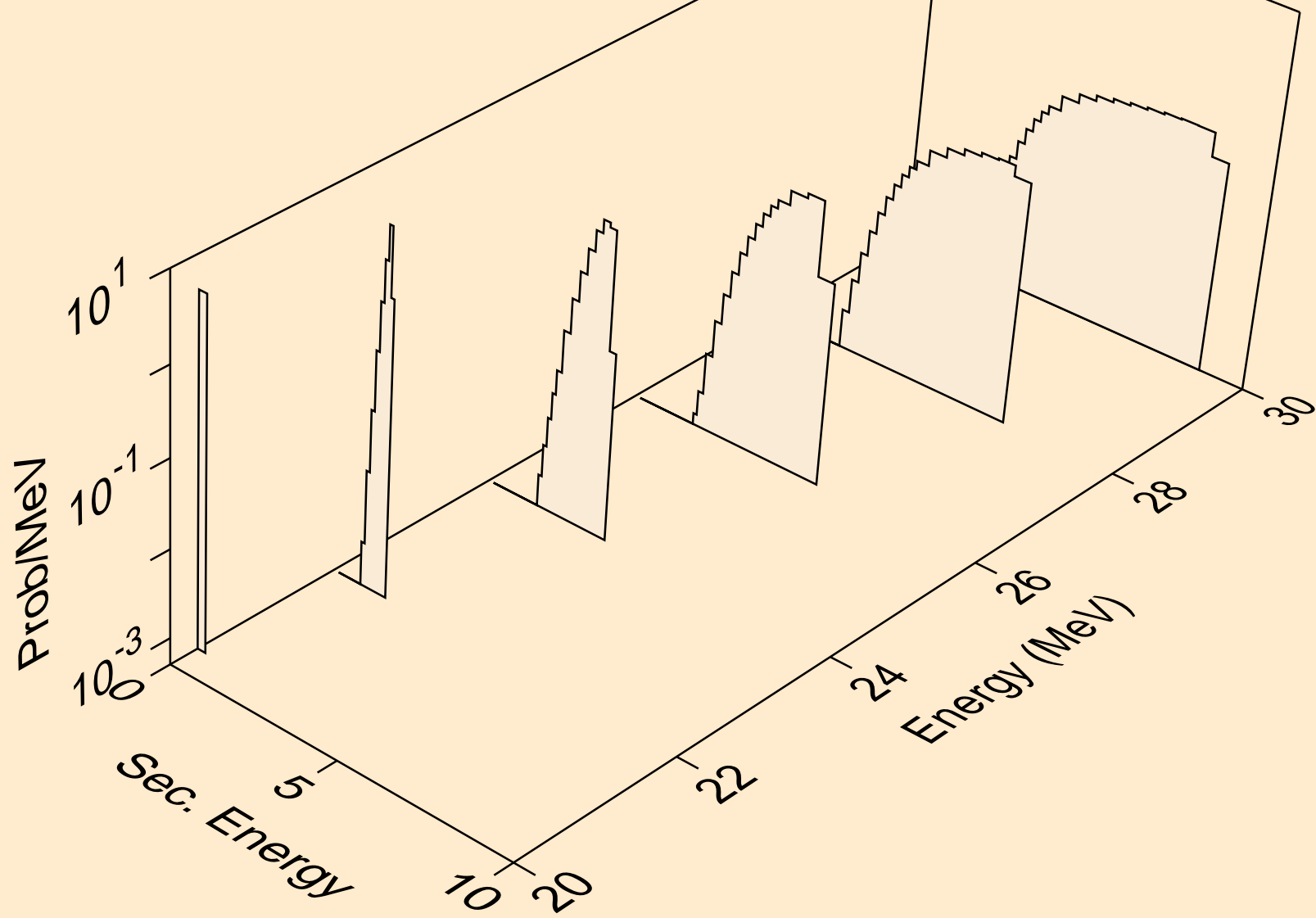
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deuterons from (a,da)



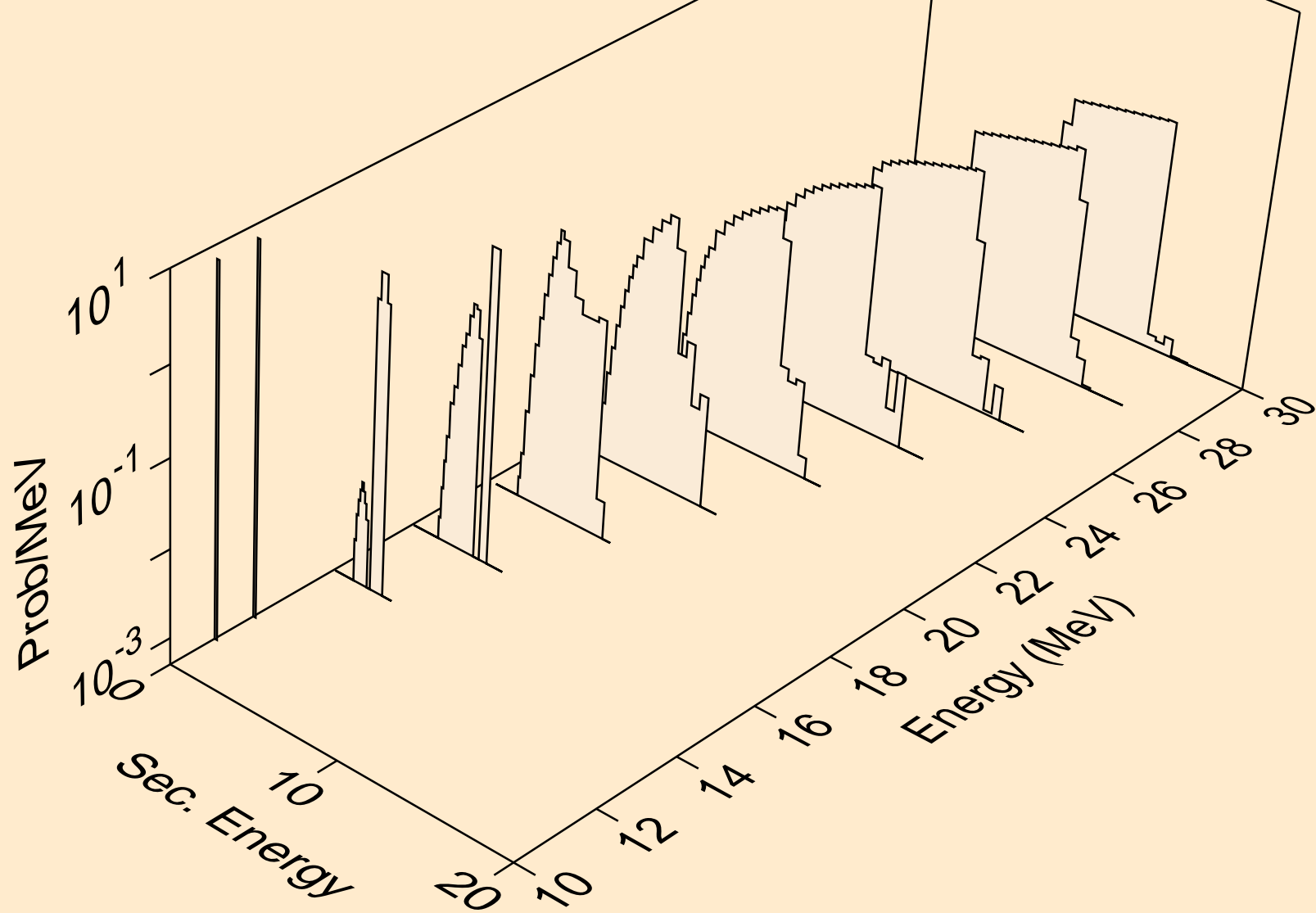
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tritons from (a,x)



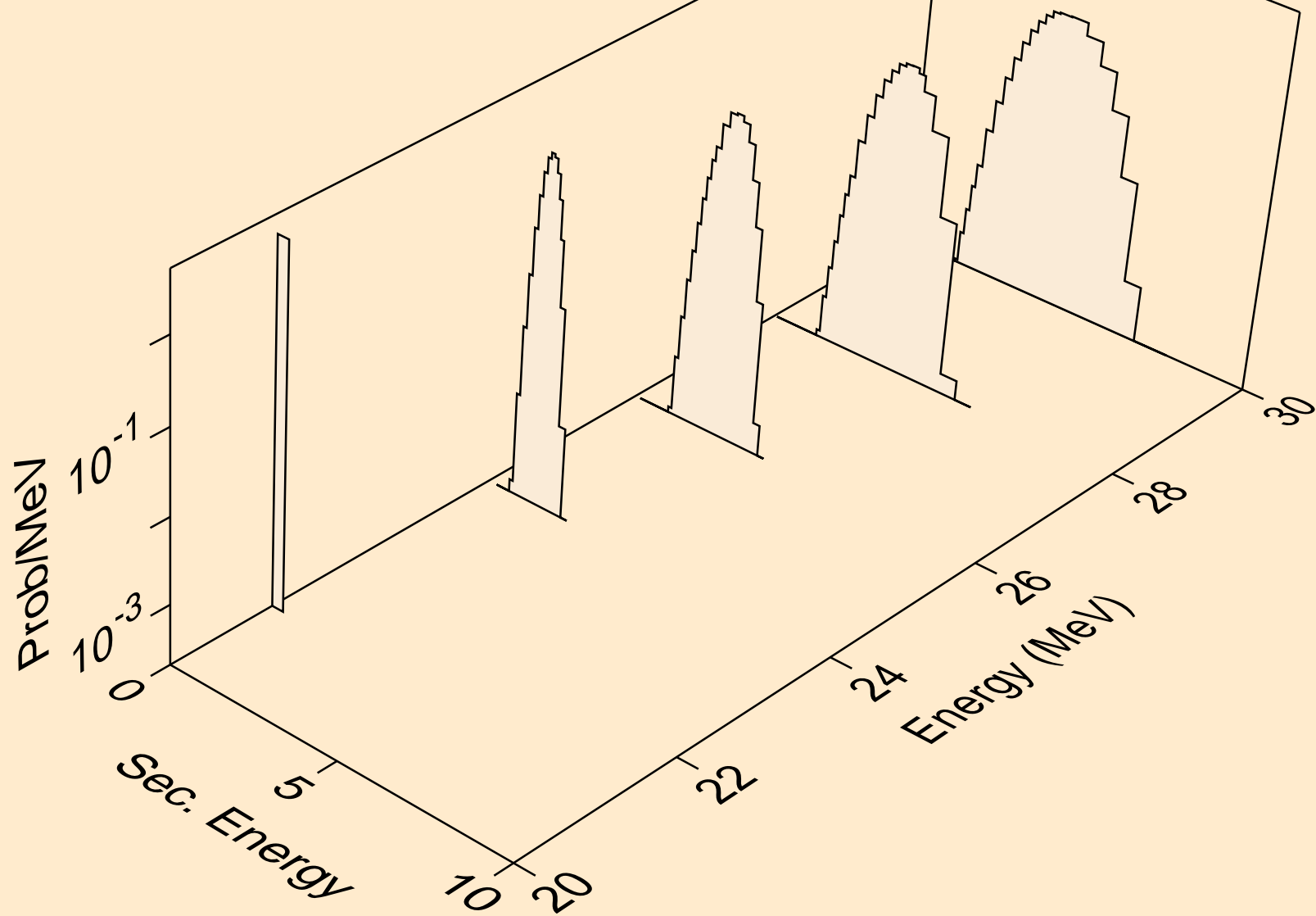
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



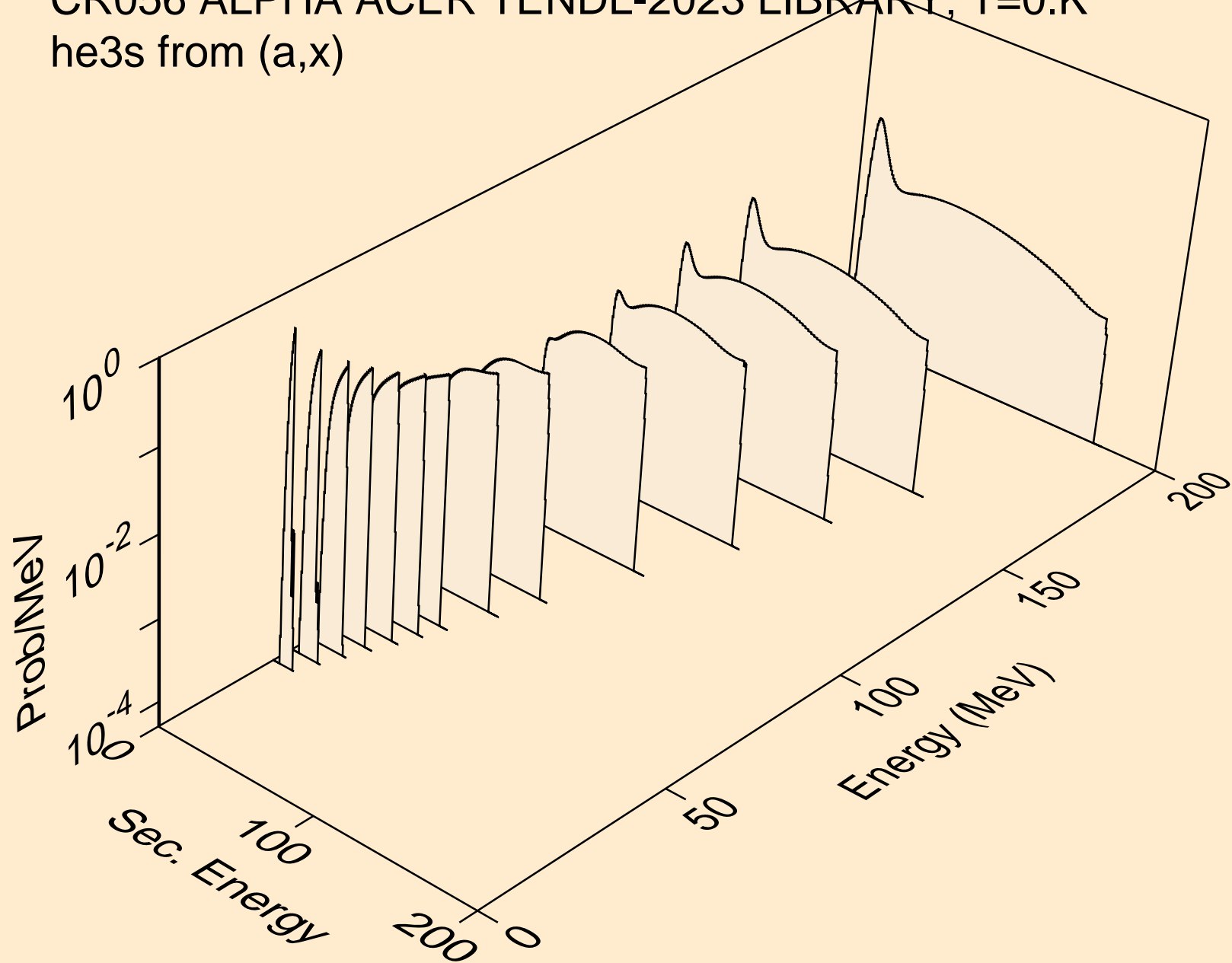
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tritons from (a,t)



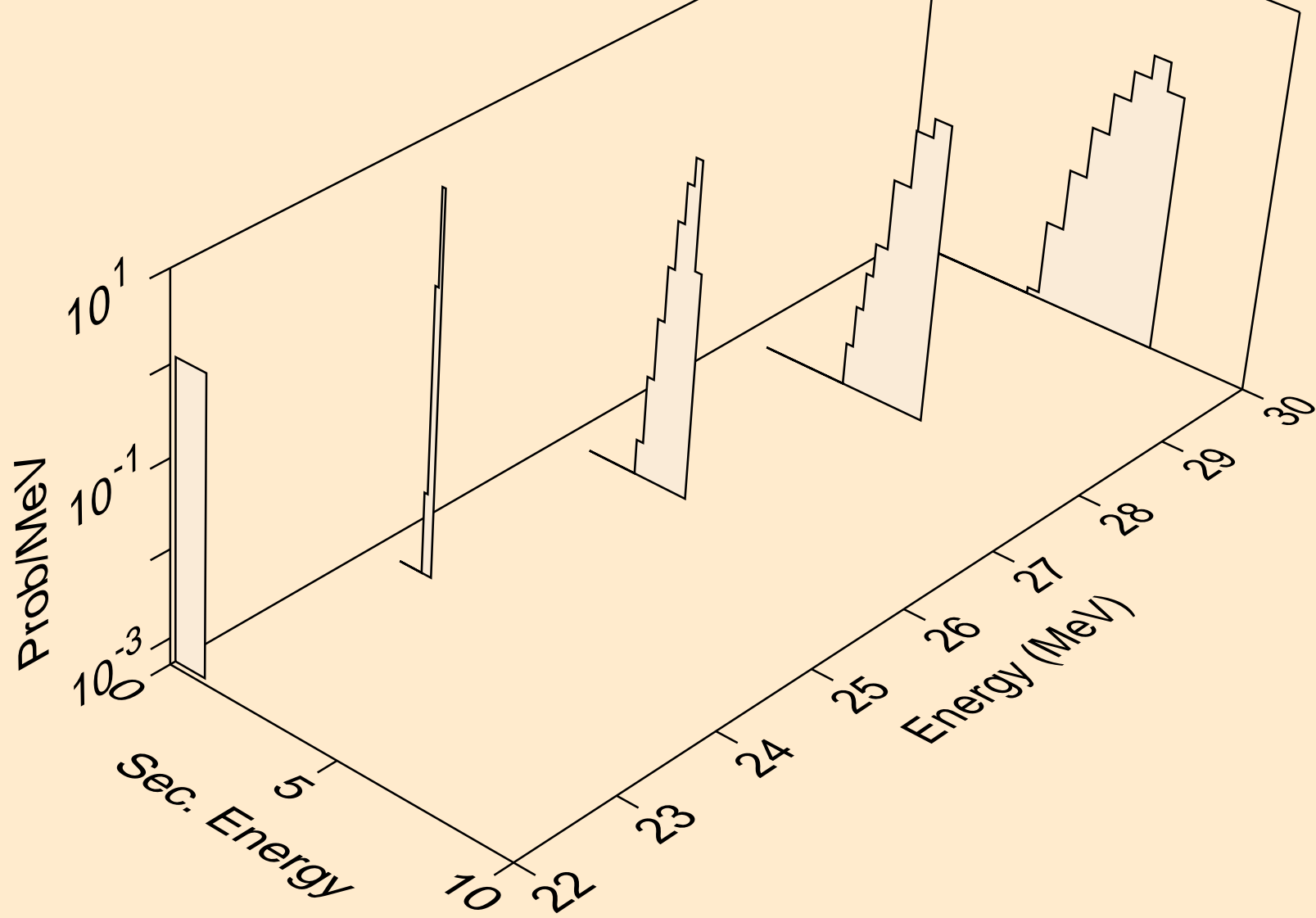
CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



CR056 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

