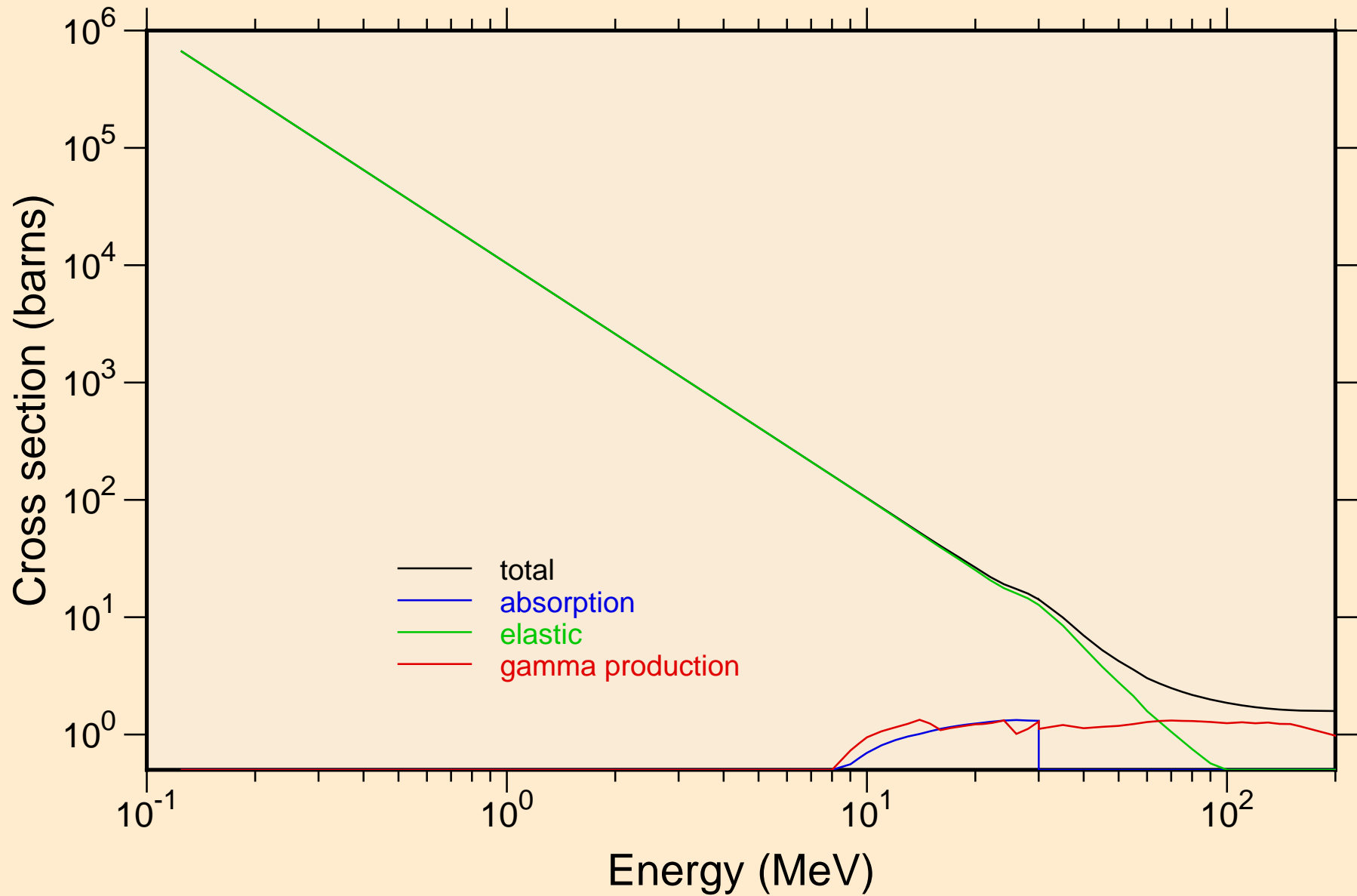


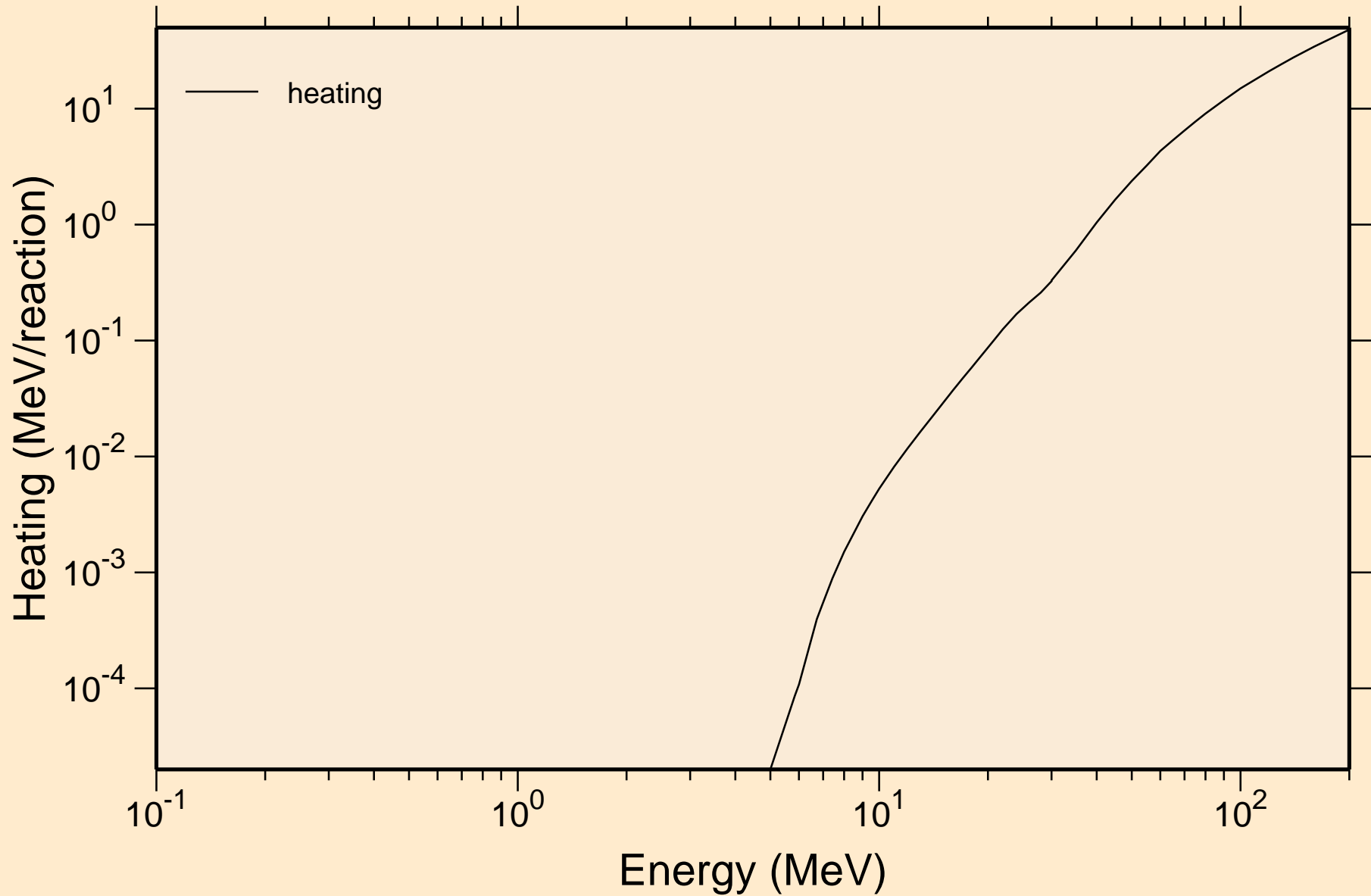
# K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



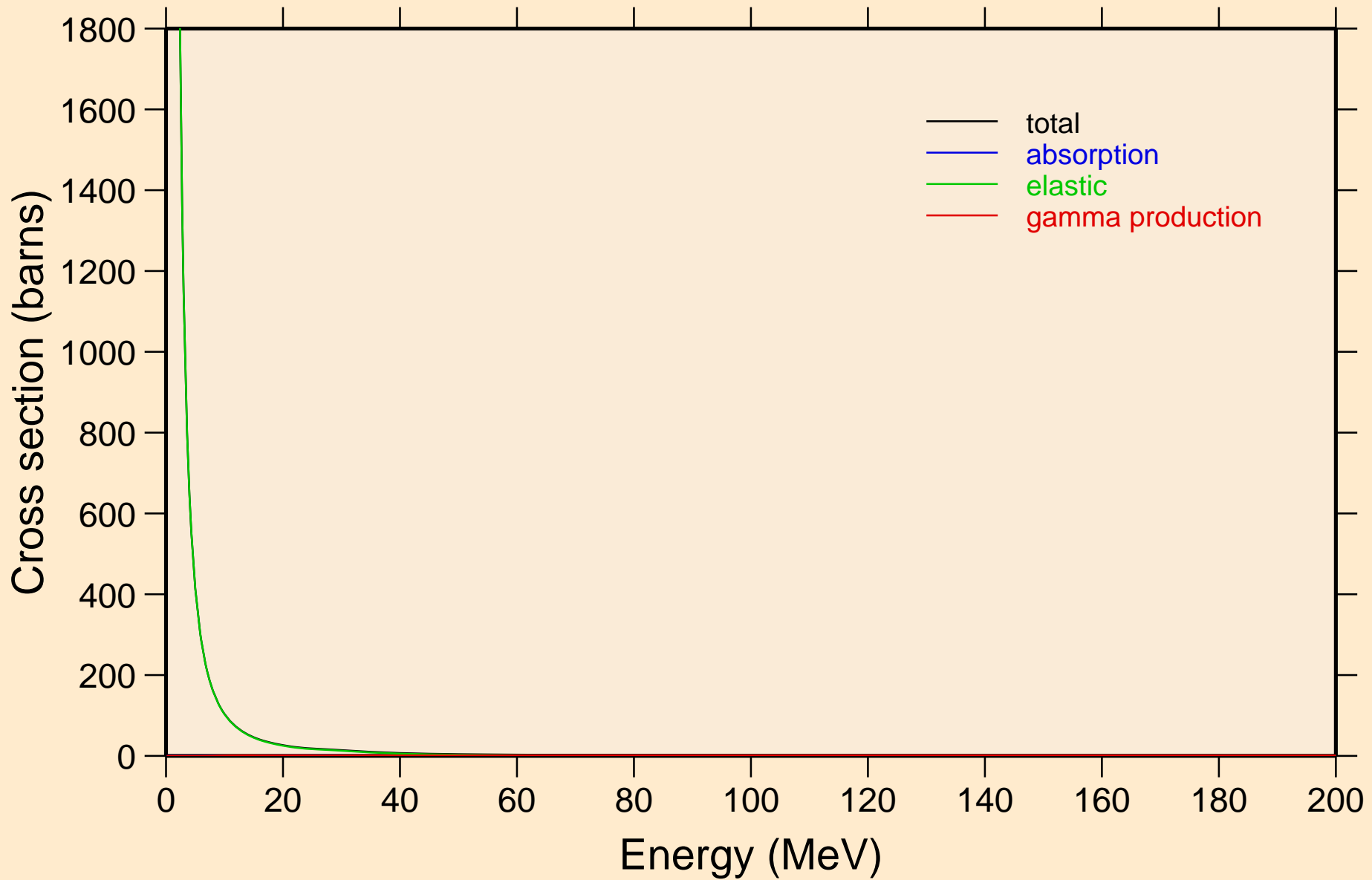
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



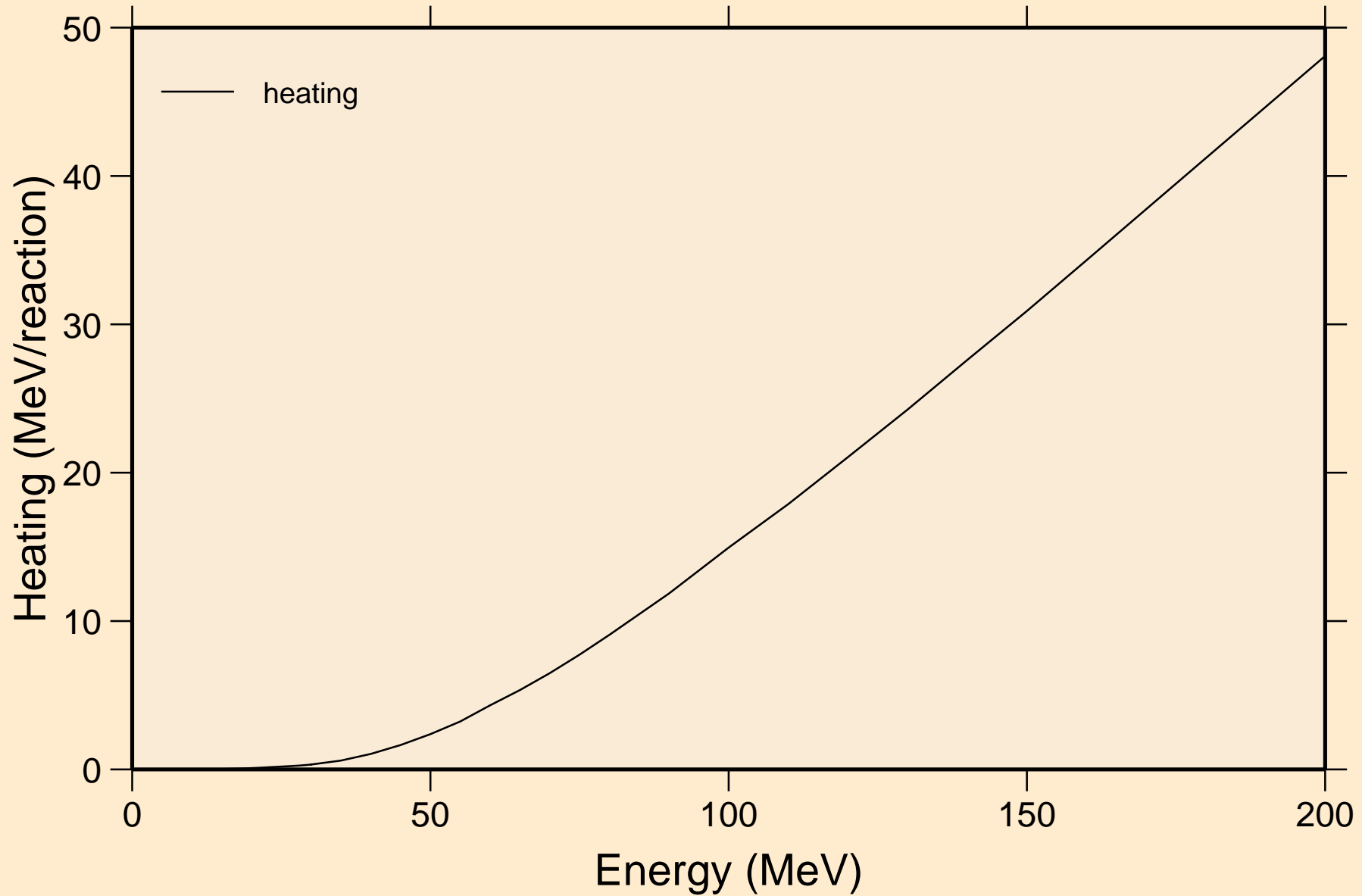
# K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



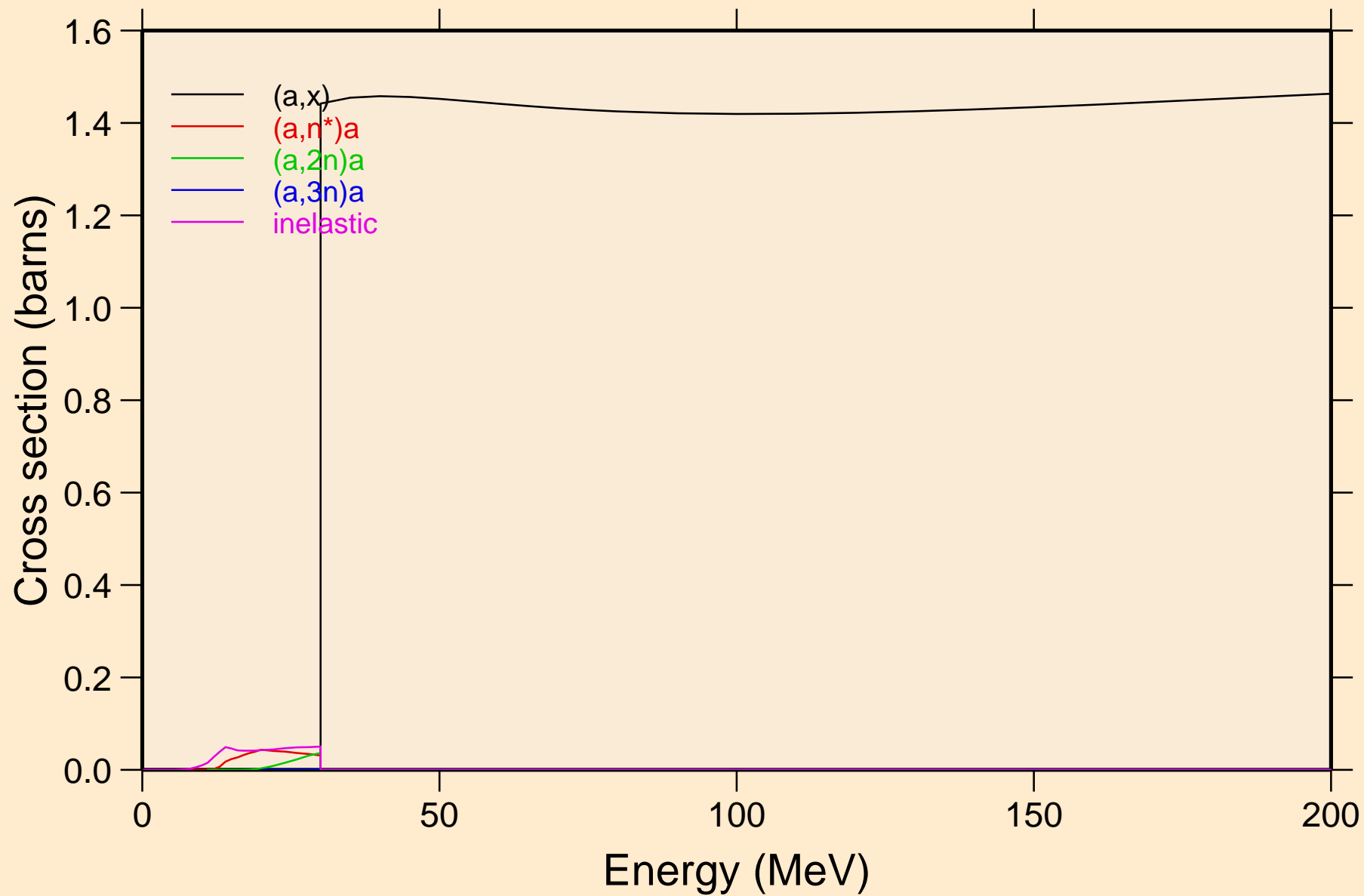
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

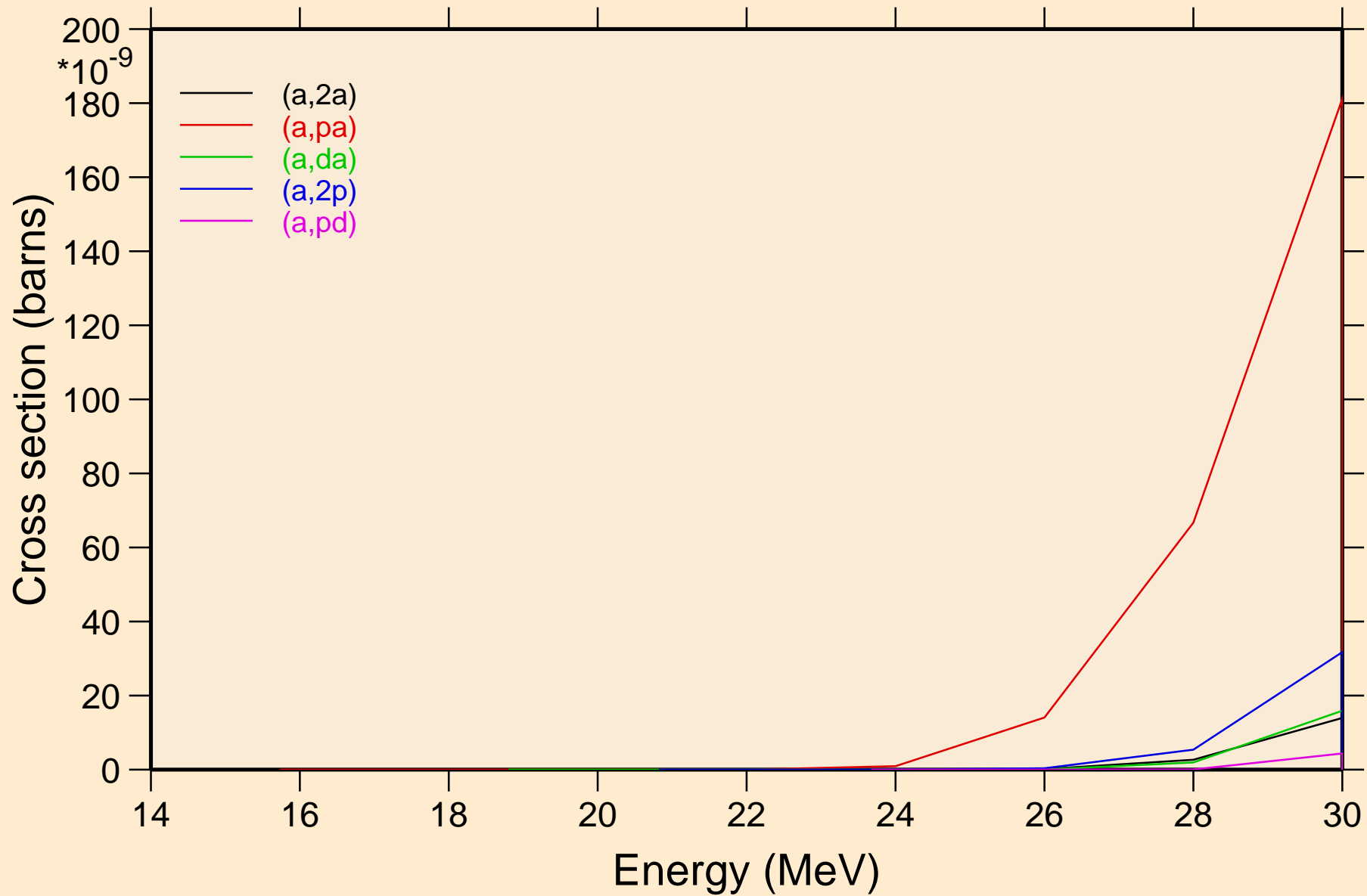


# K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

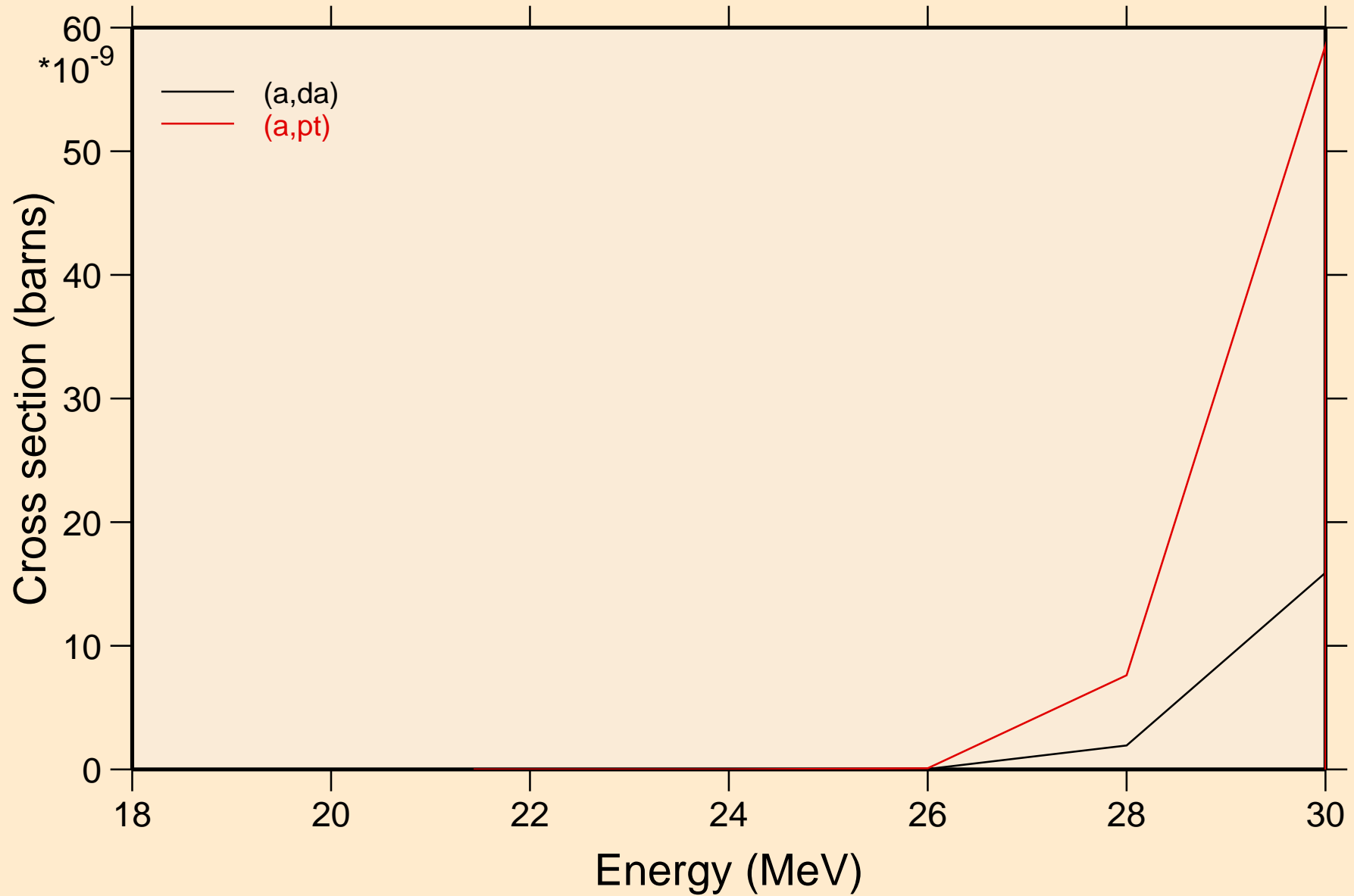
## Threshold reactions



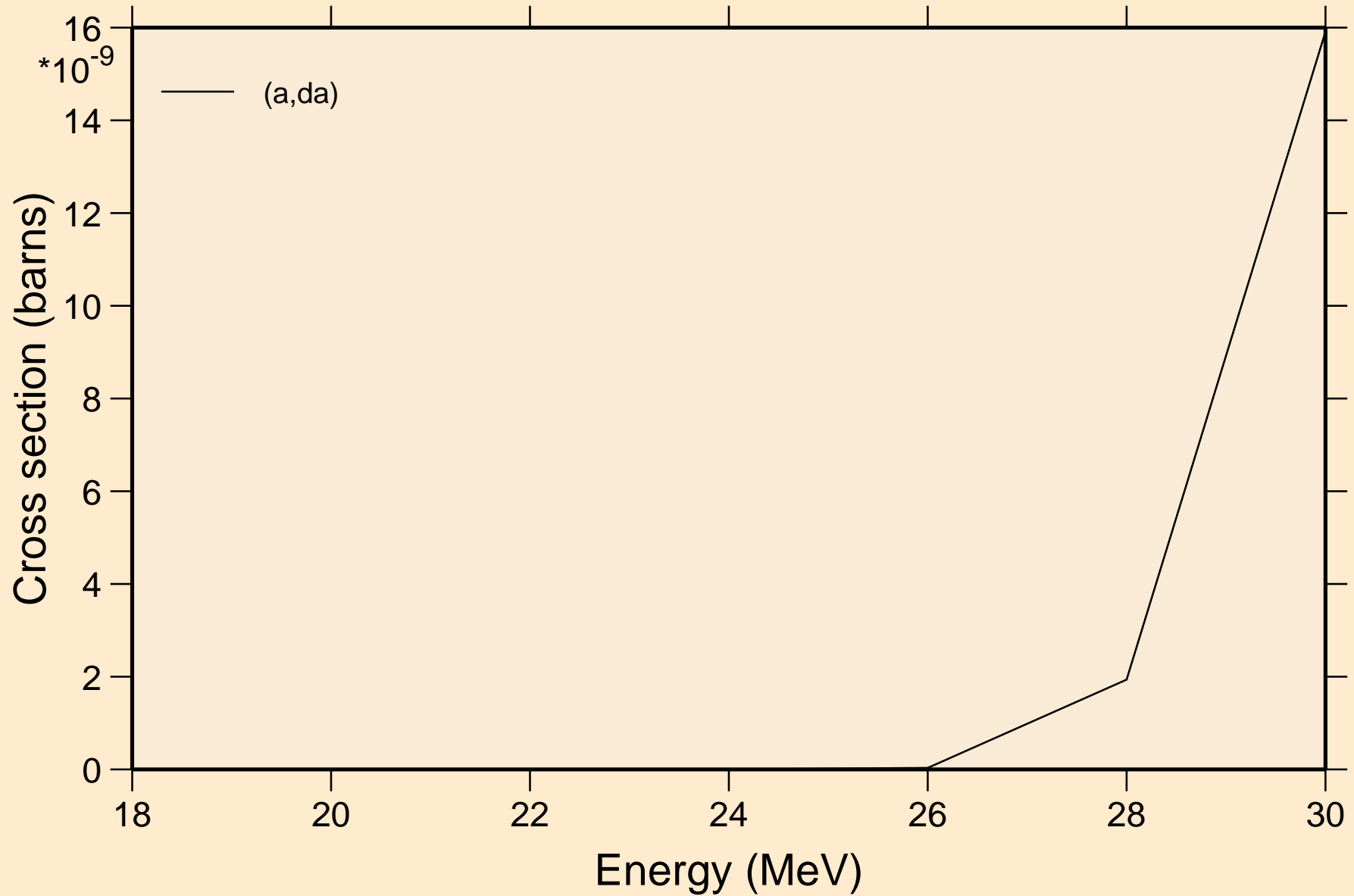
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

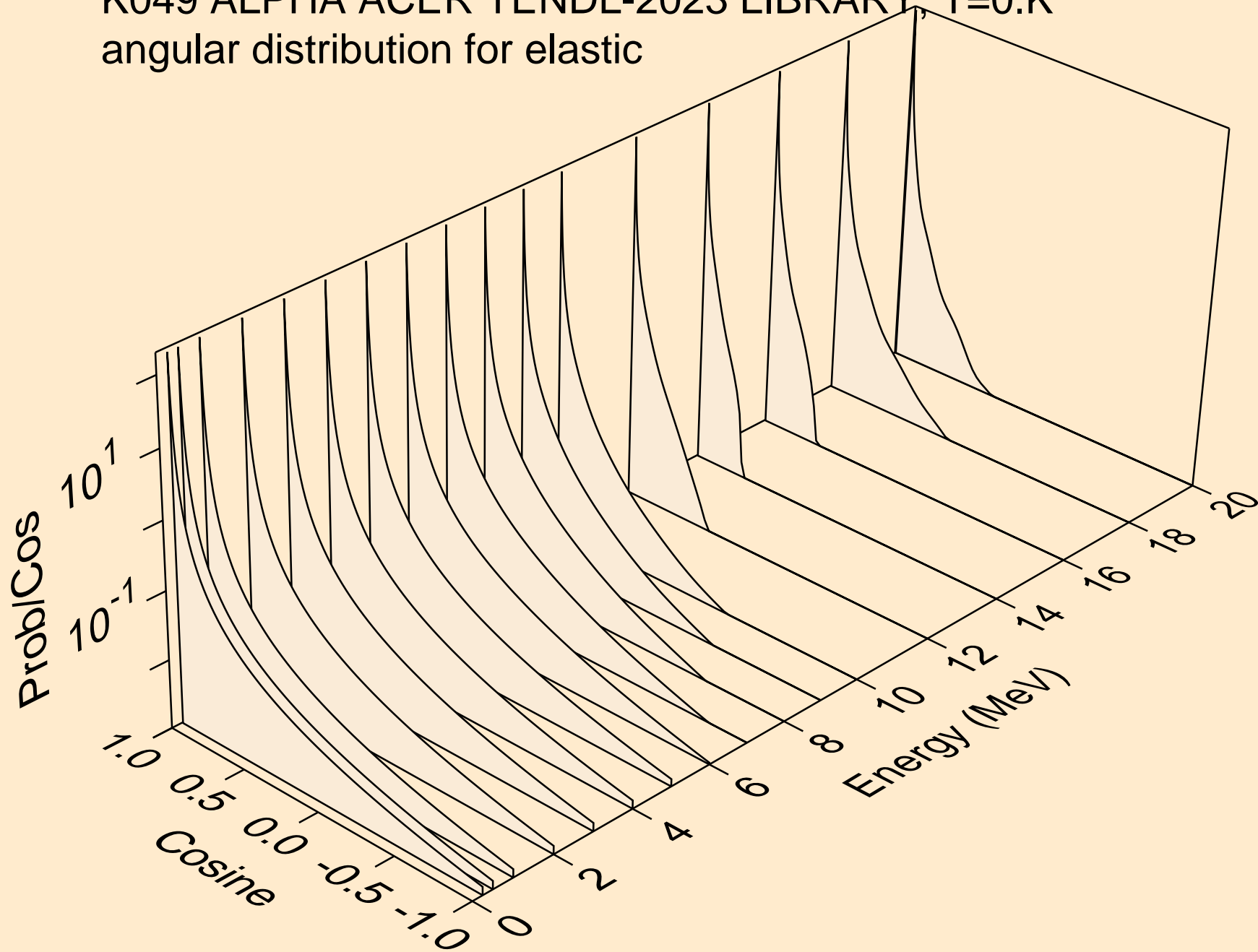


K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

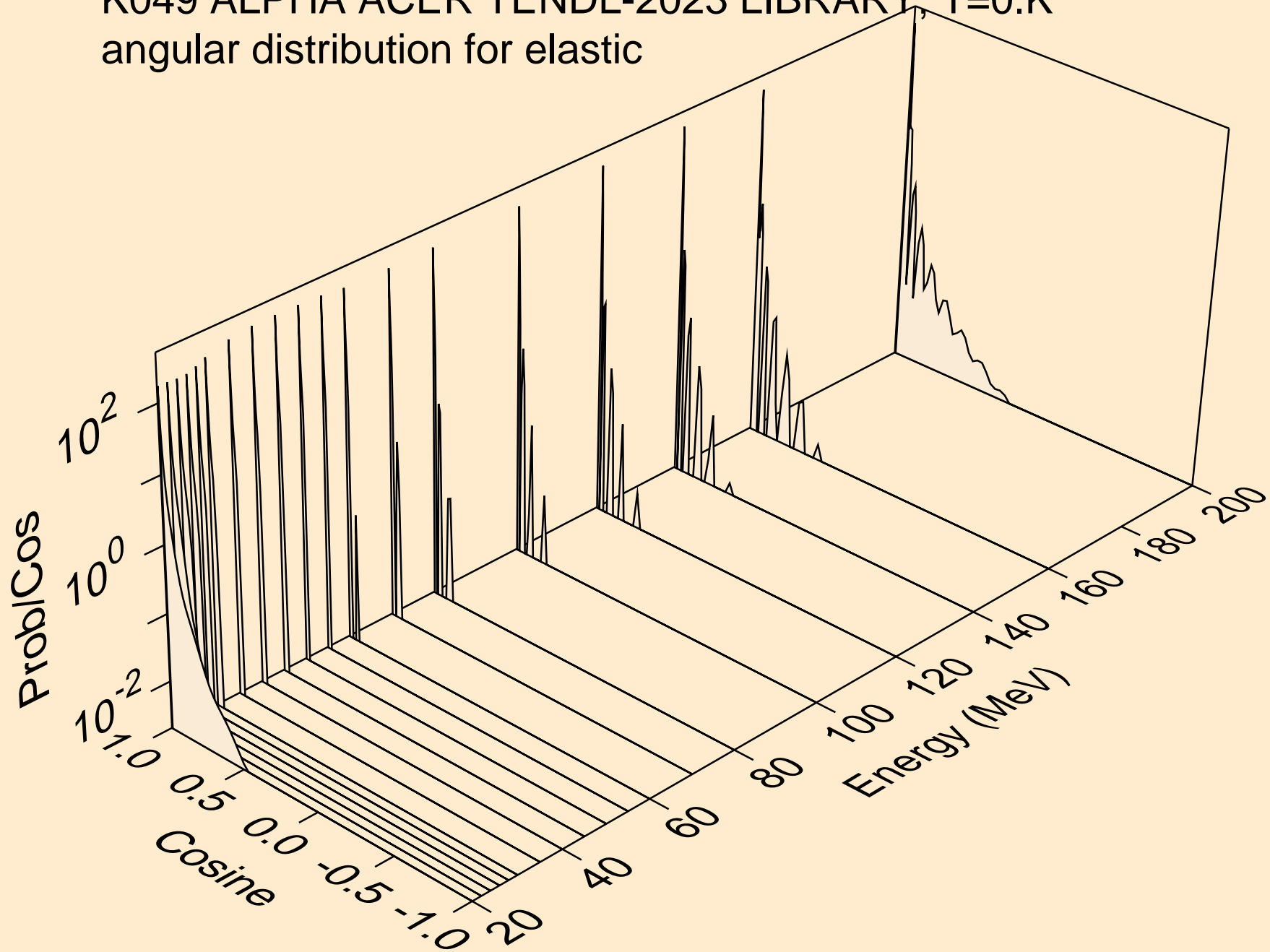




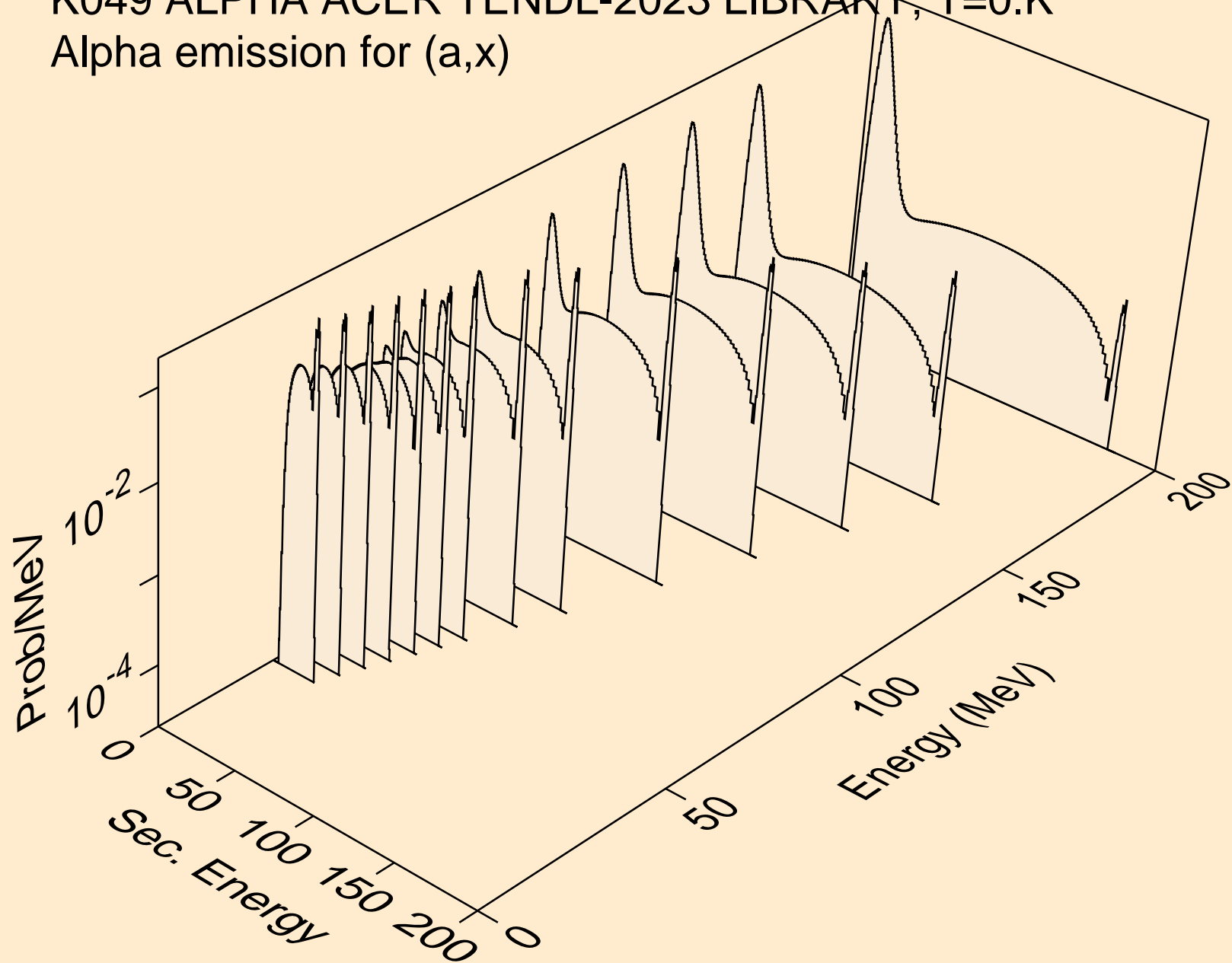
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



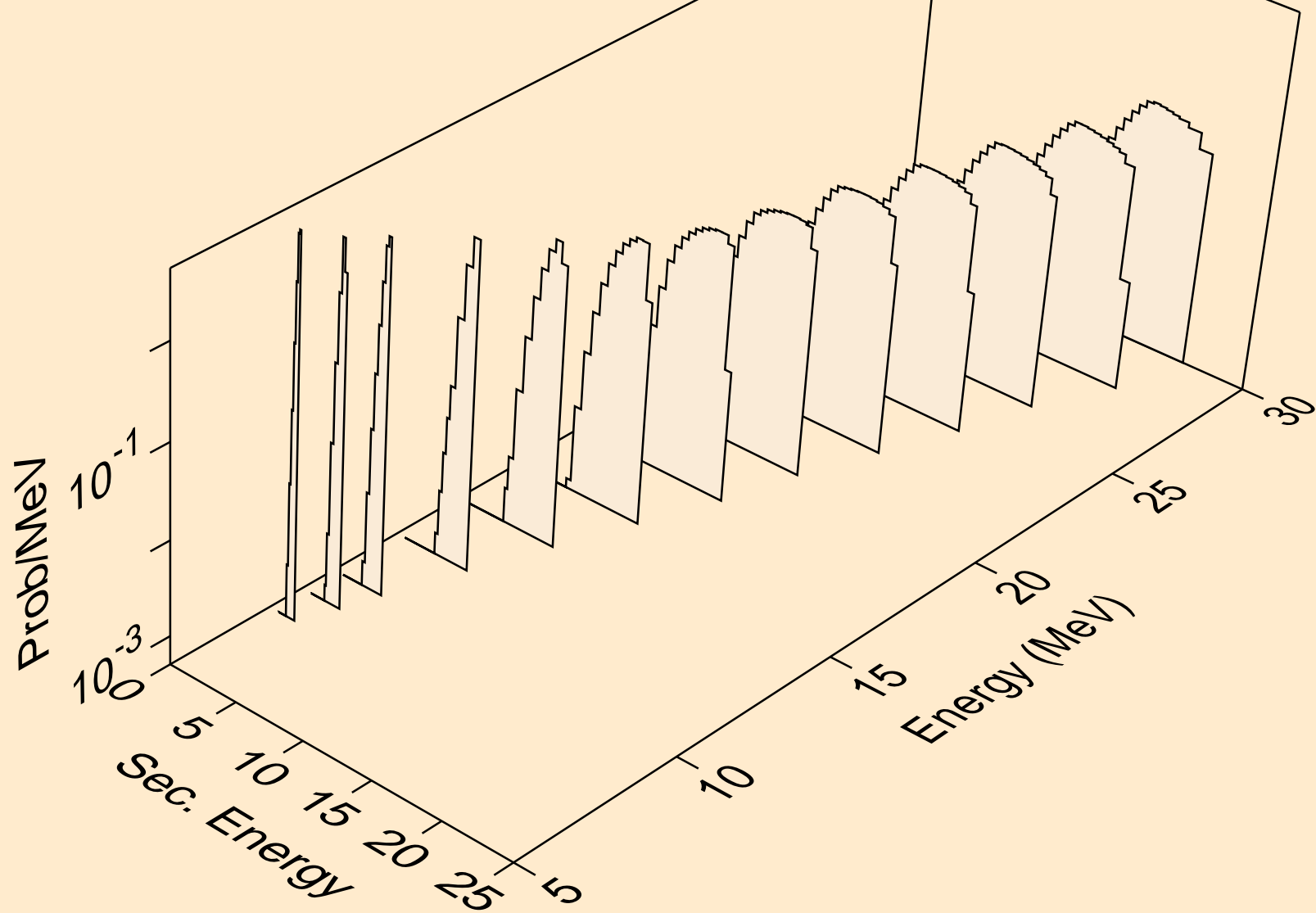
K049 ALPHA ACER TENDL-2023 LIBRARY: T=0.K  
angular distribution for elastic



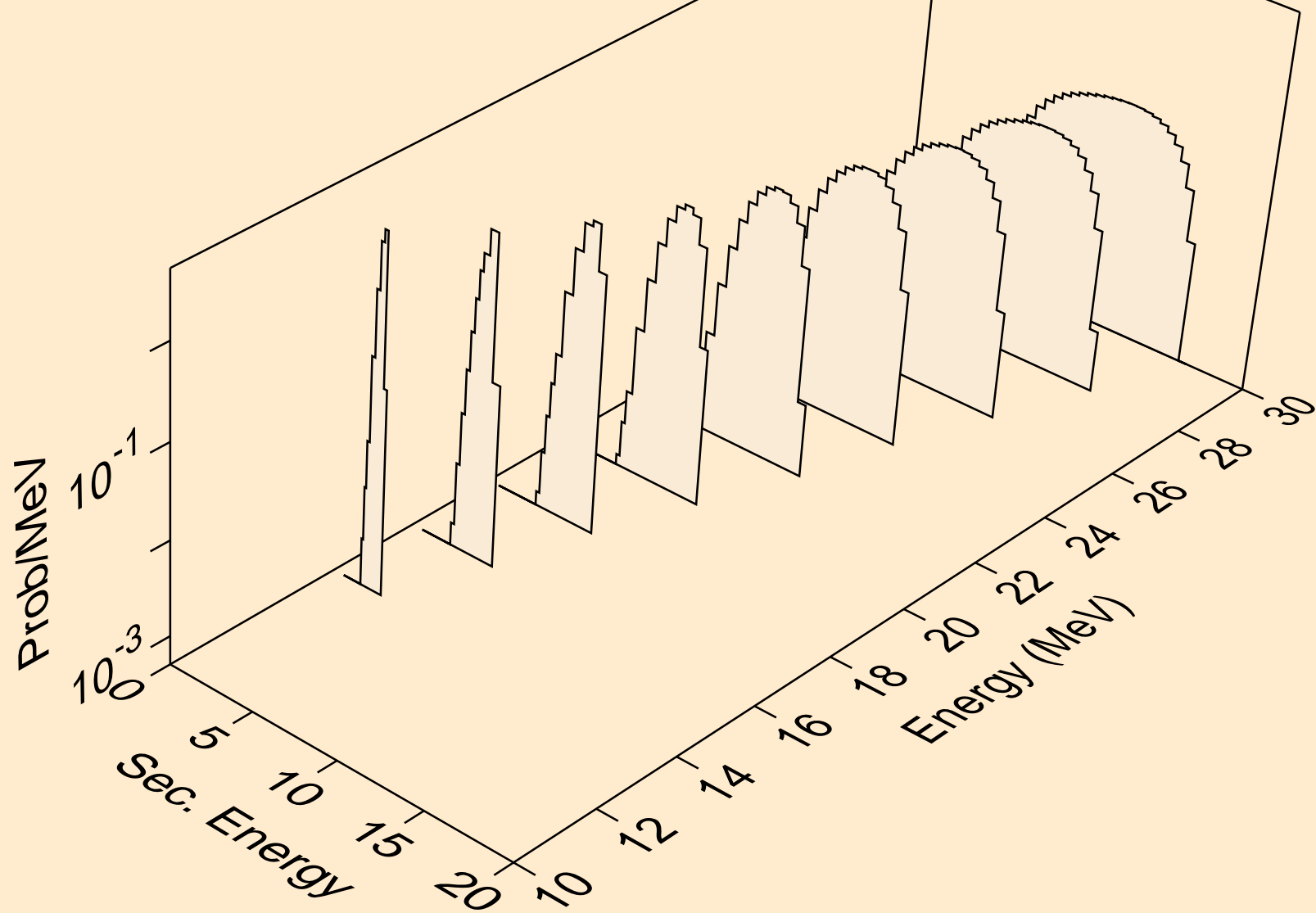
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



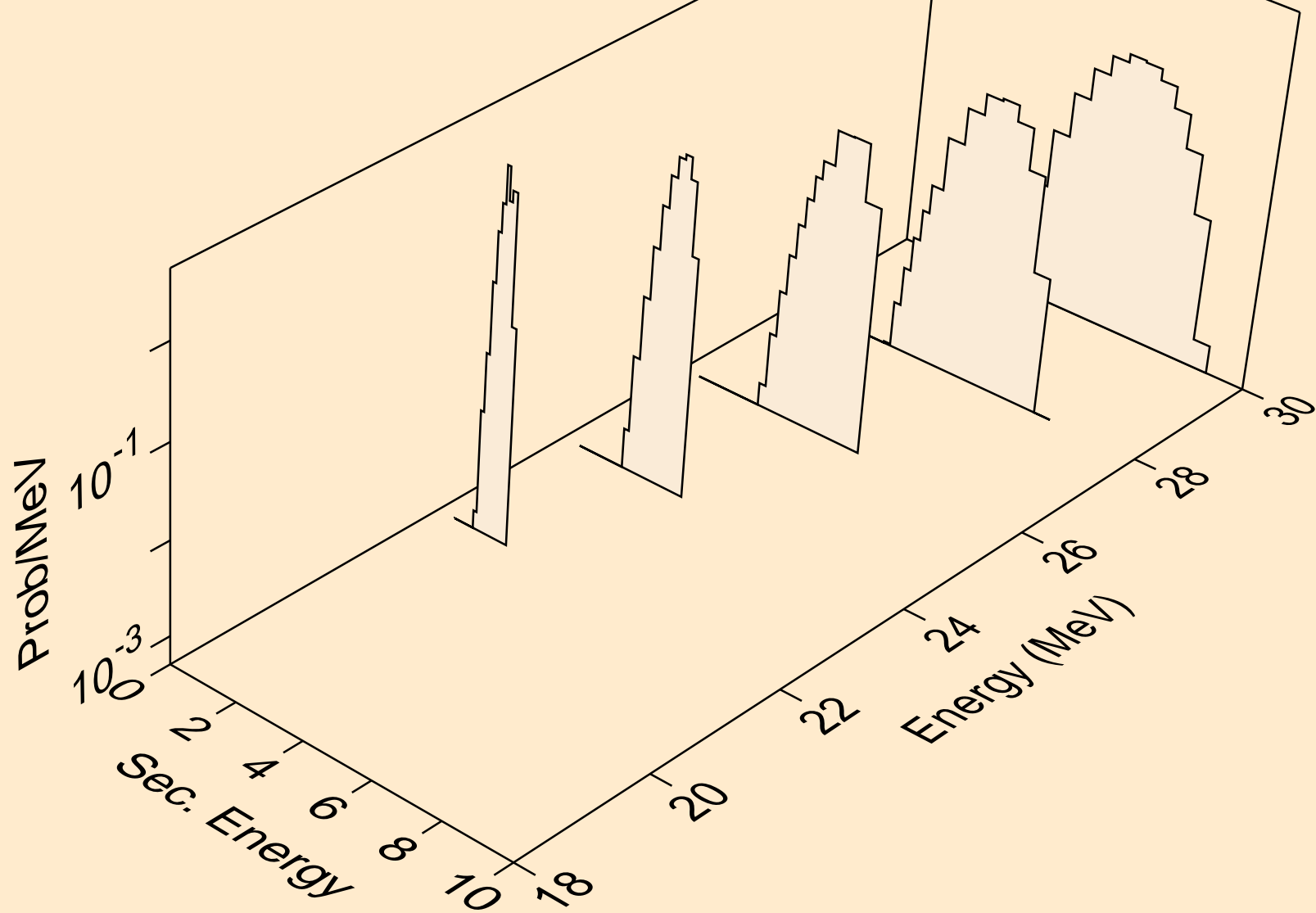
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



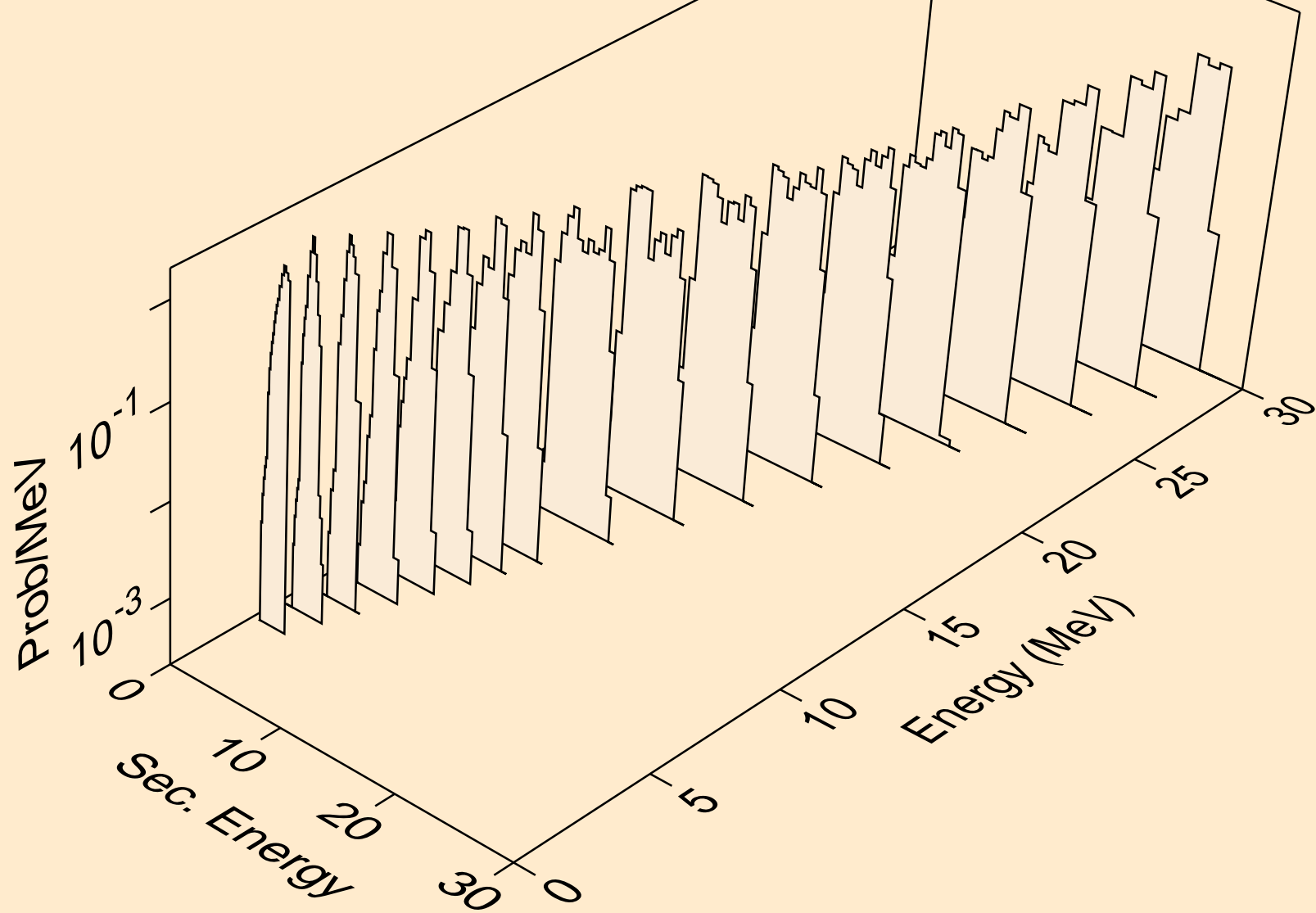
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



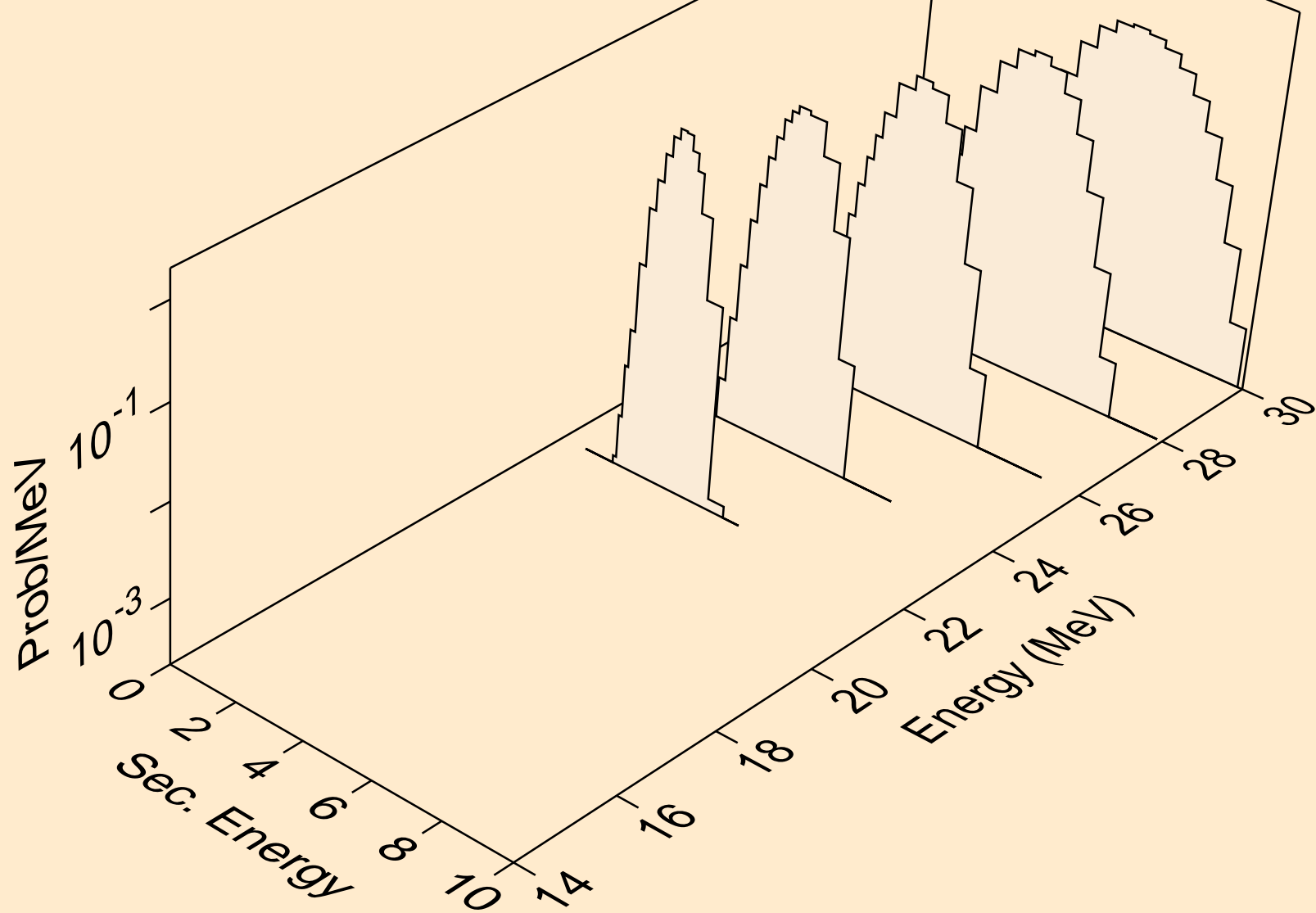
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

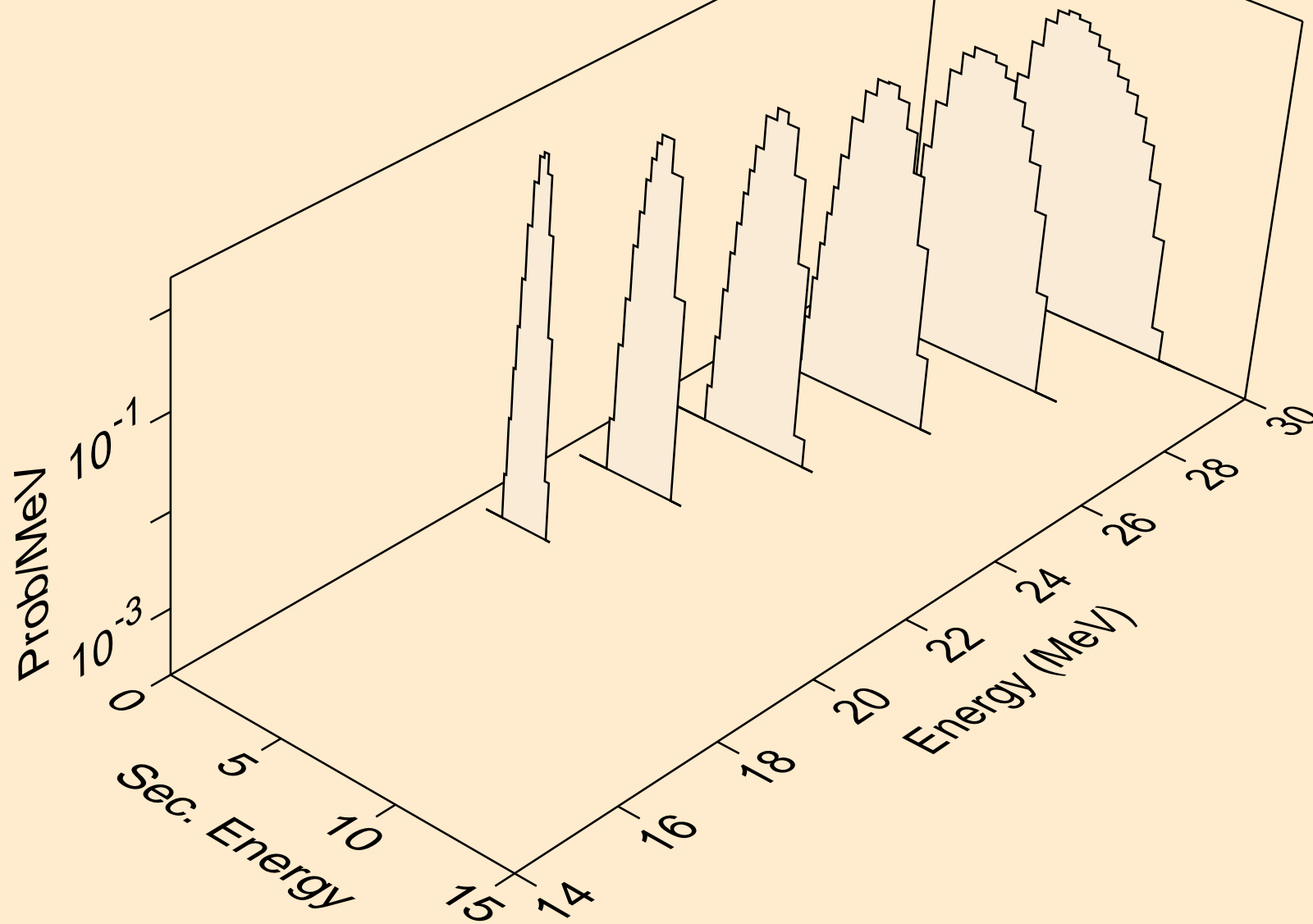


K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)

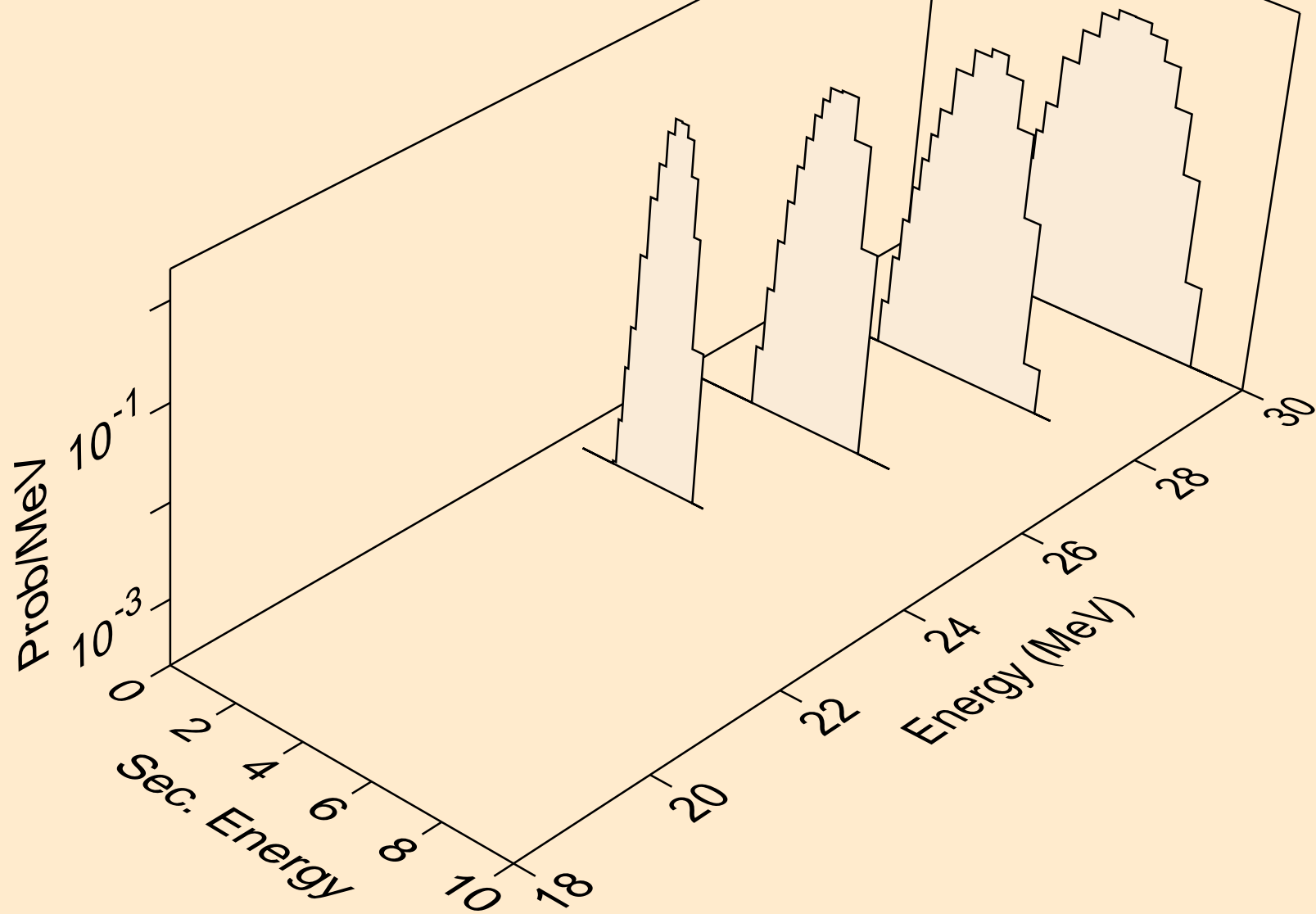




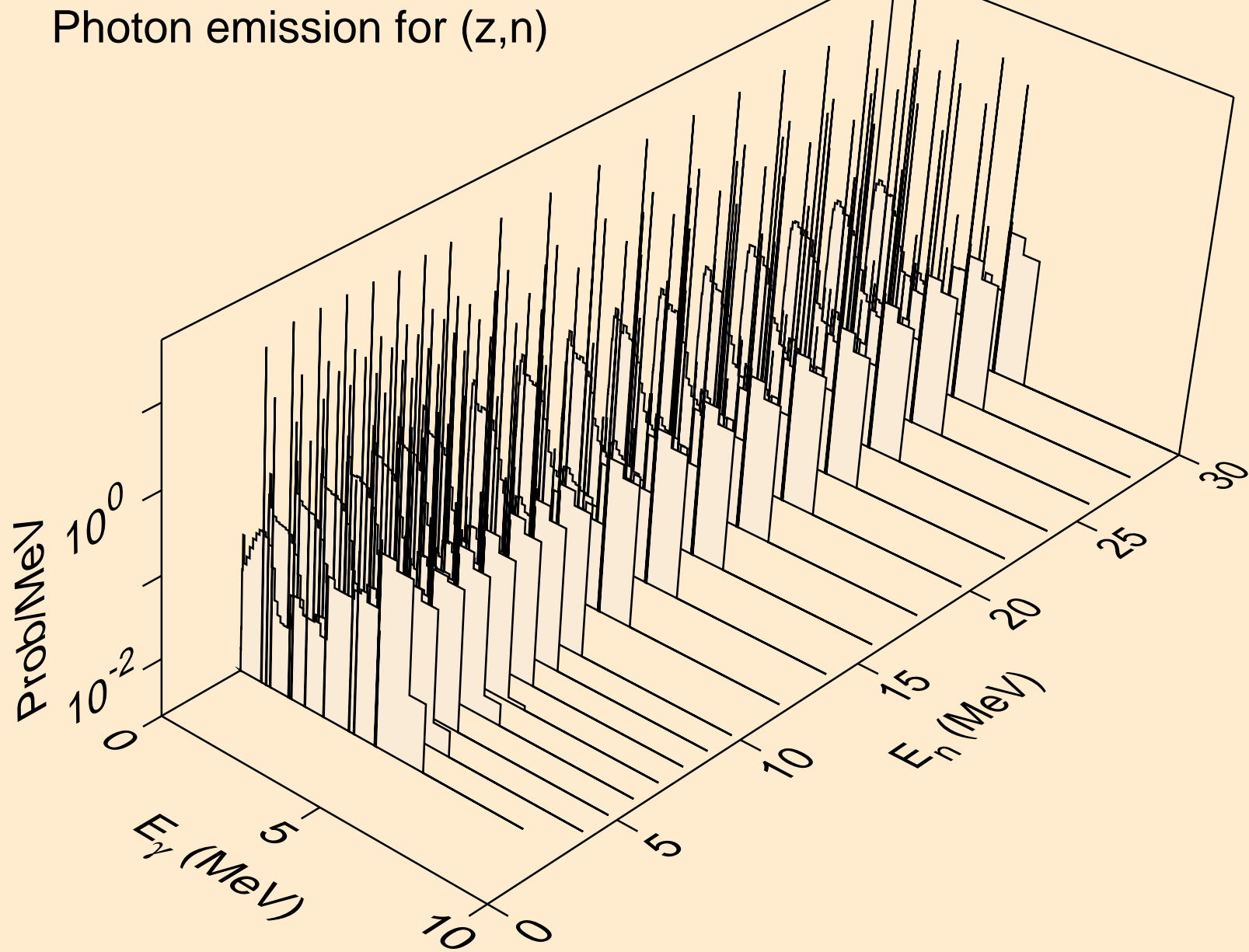
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



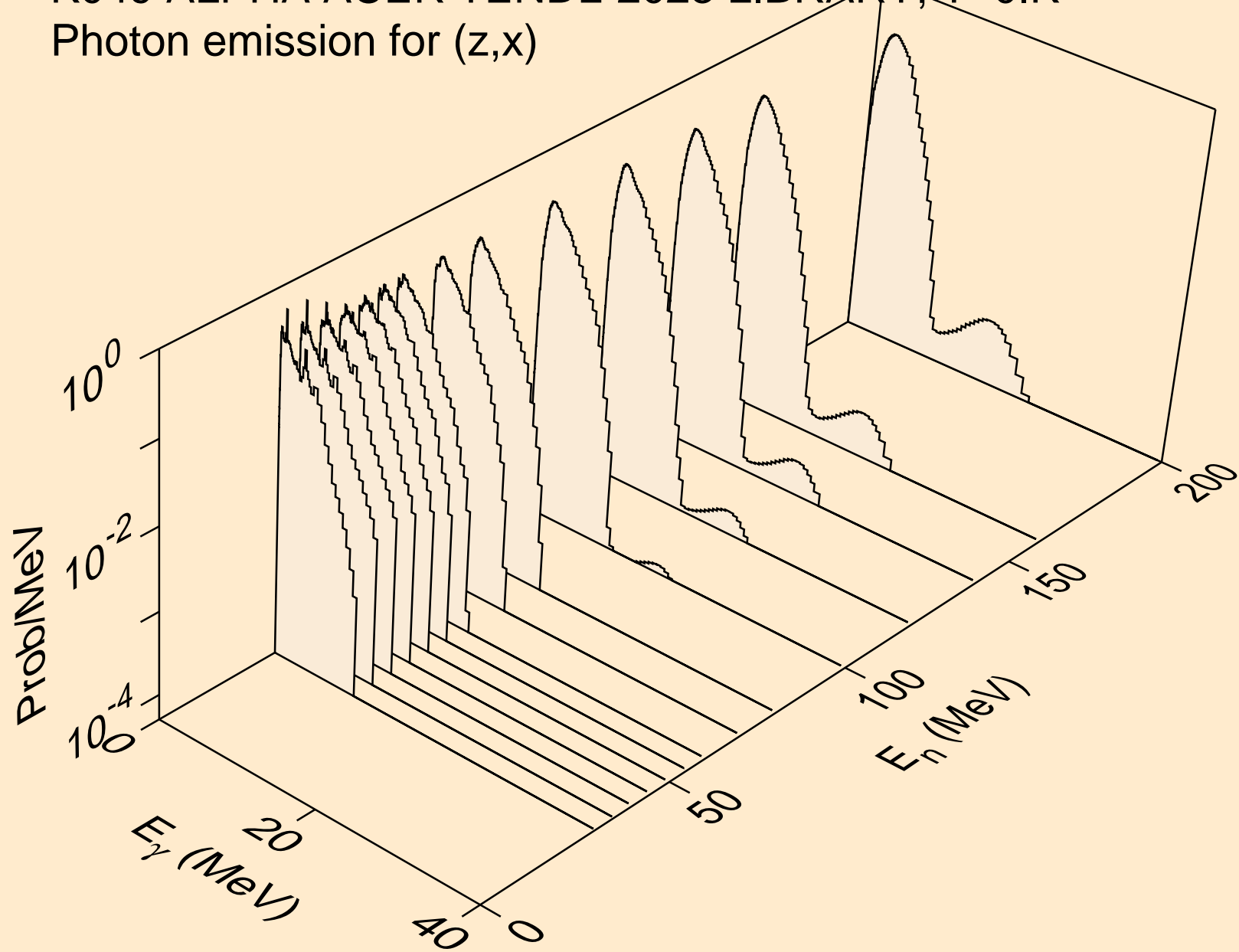
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Alpha emission for (a,da)



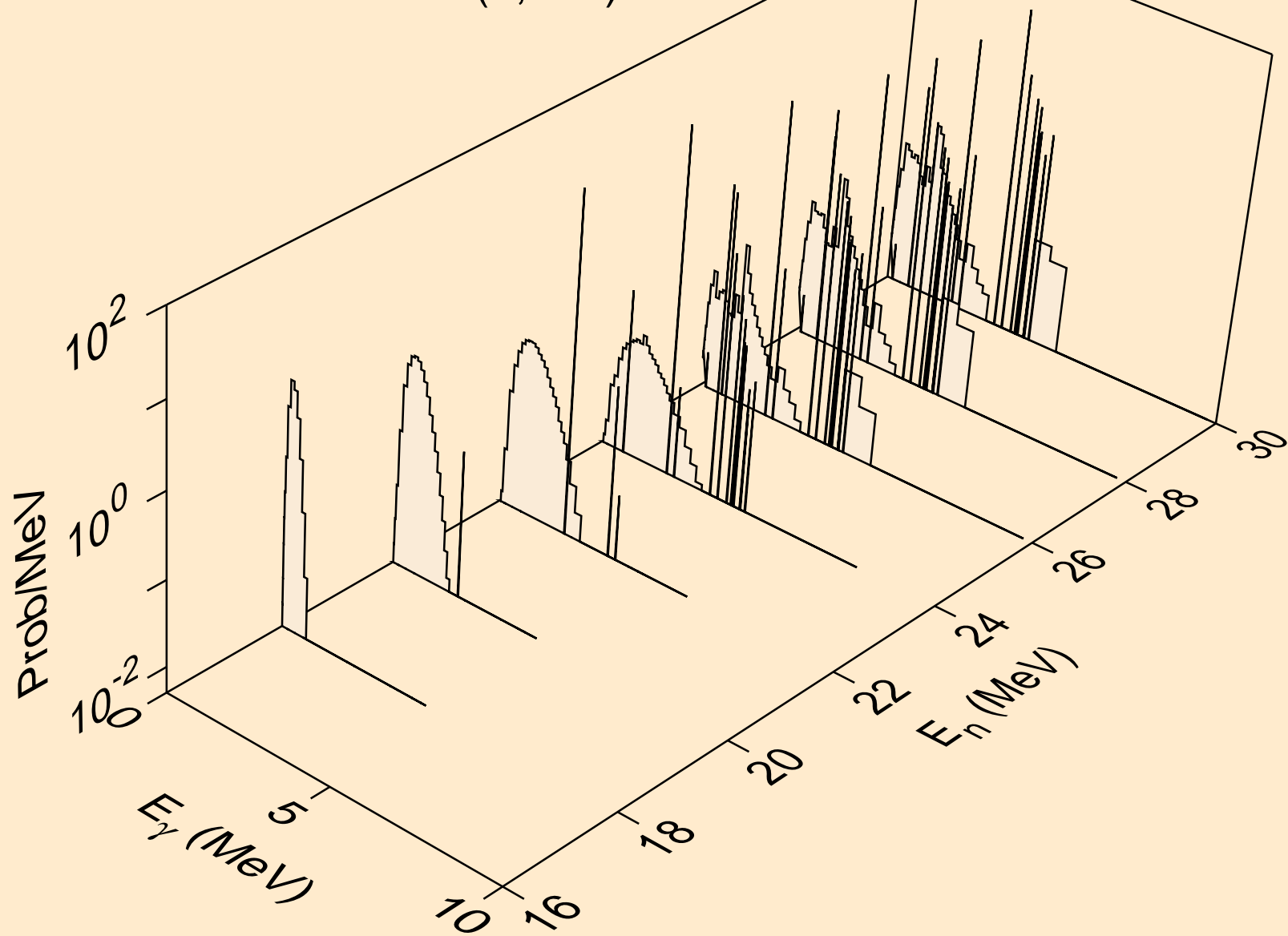
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



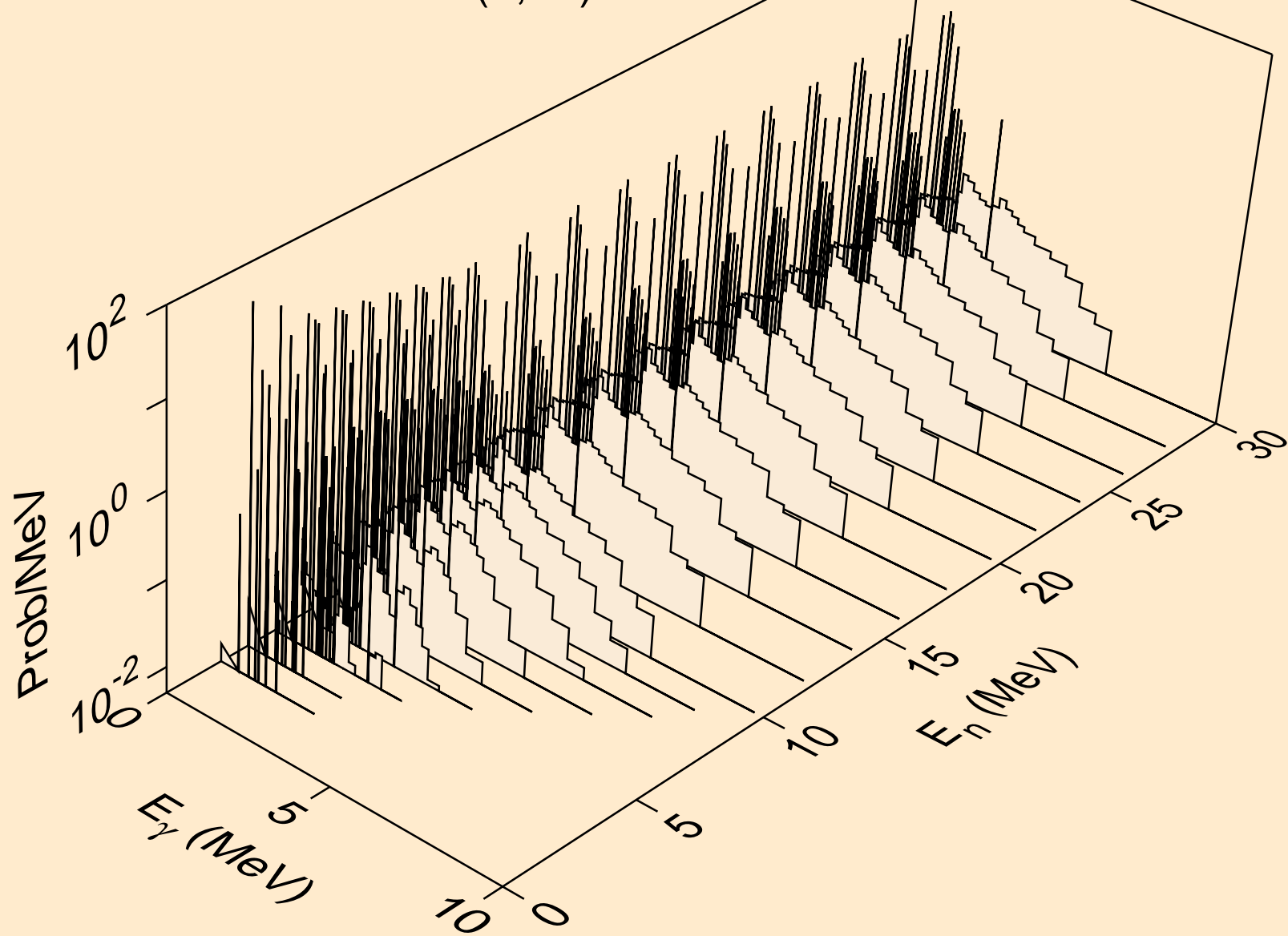
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



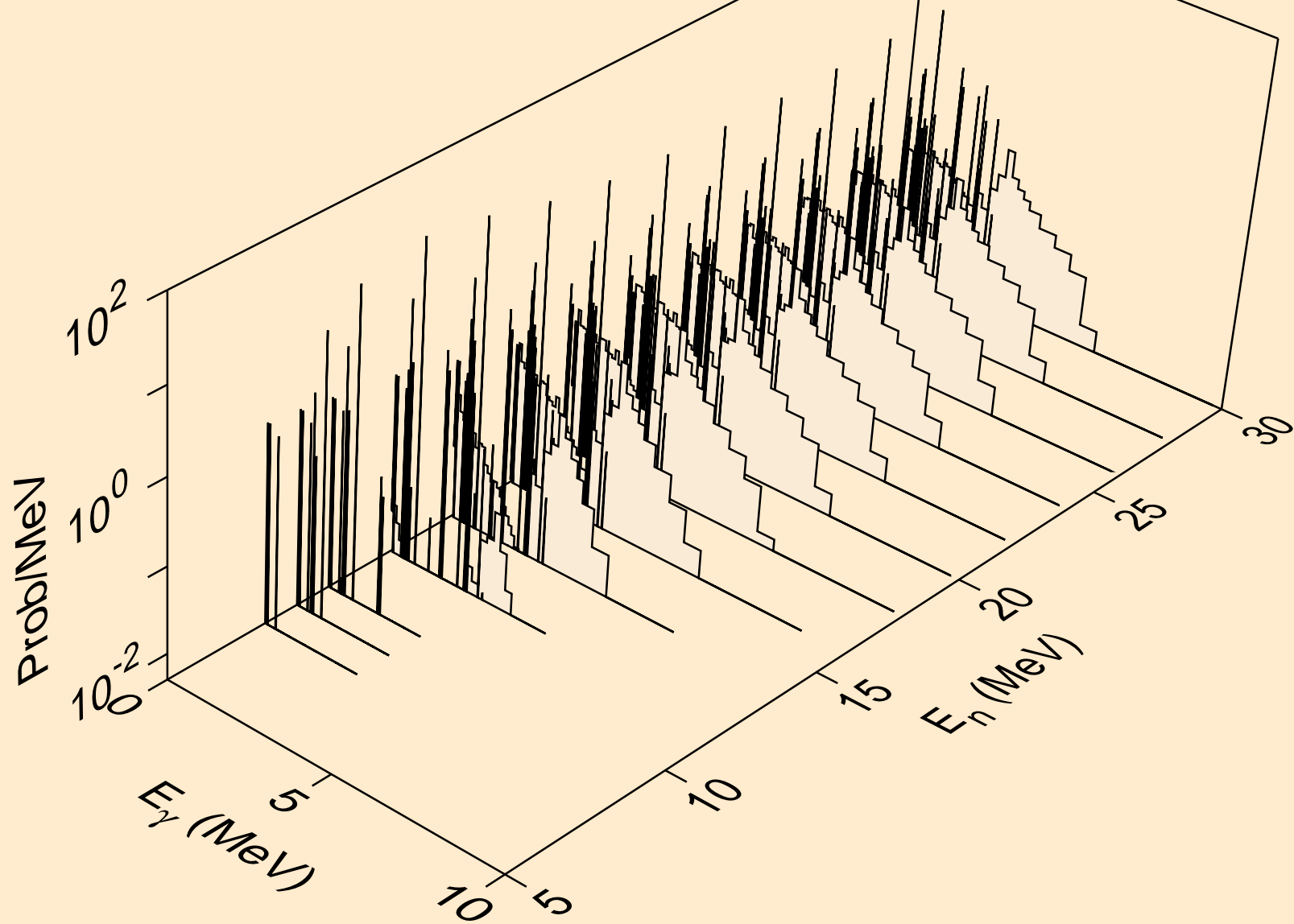
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



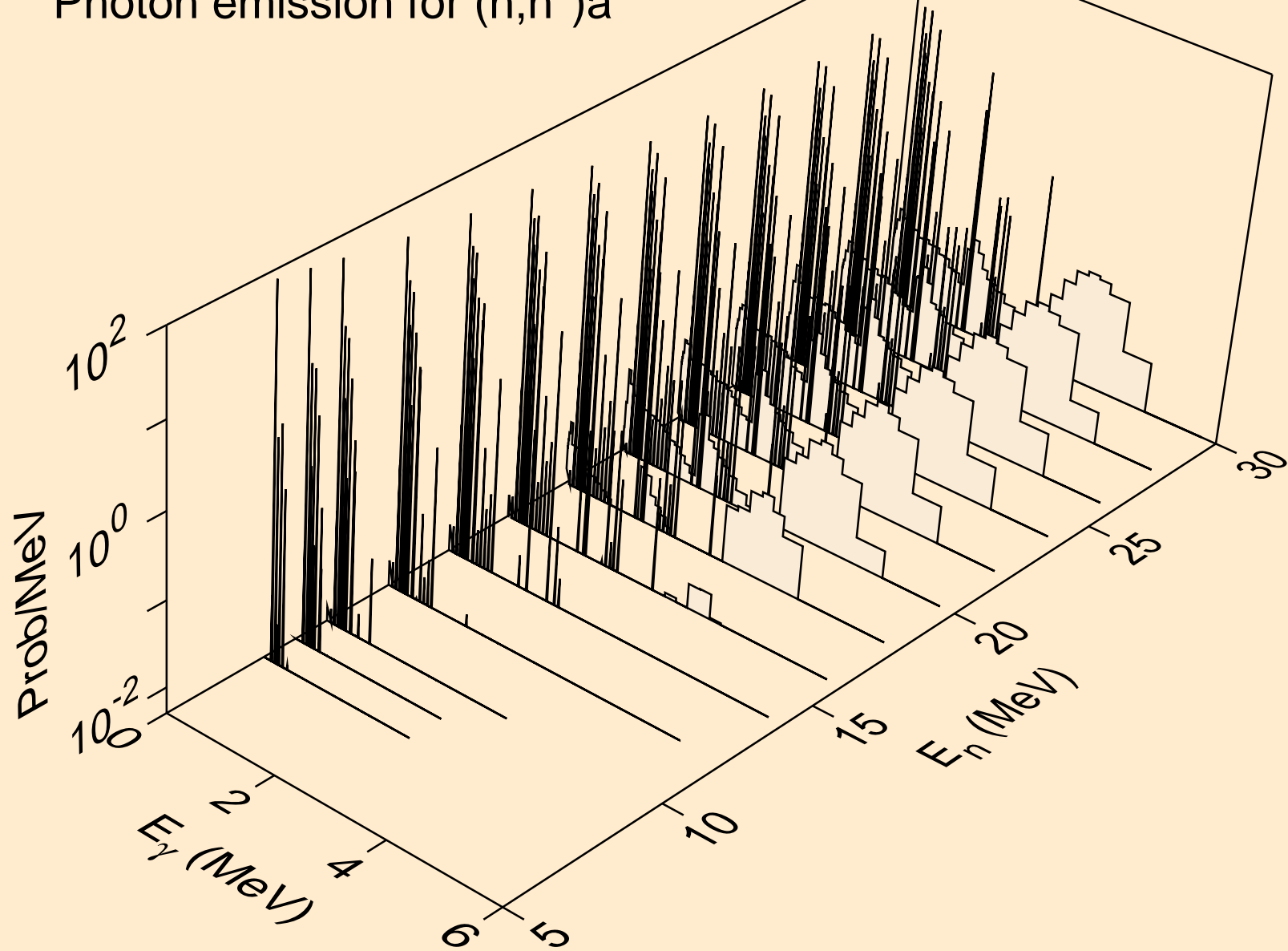
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

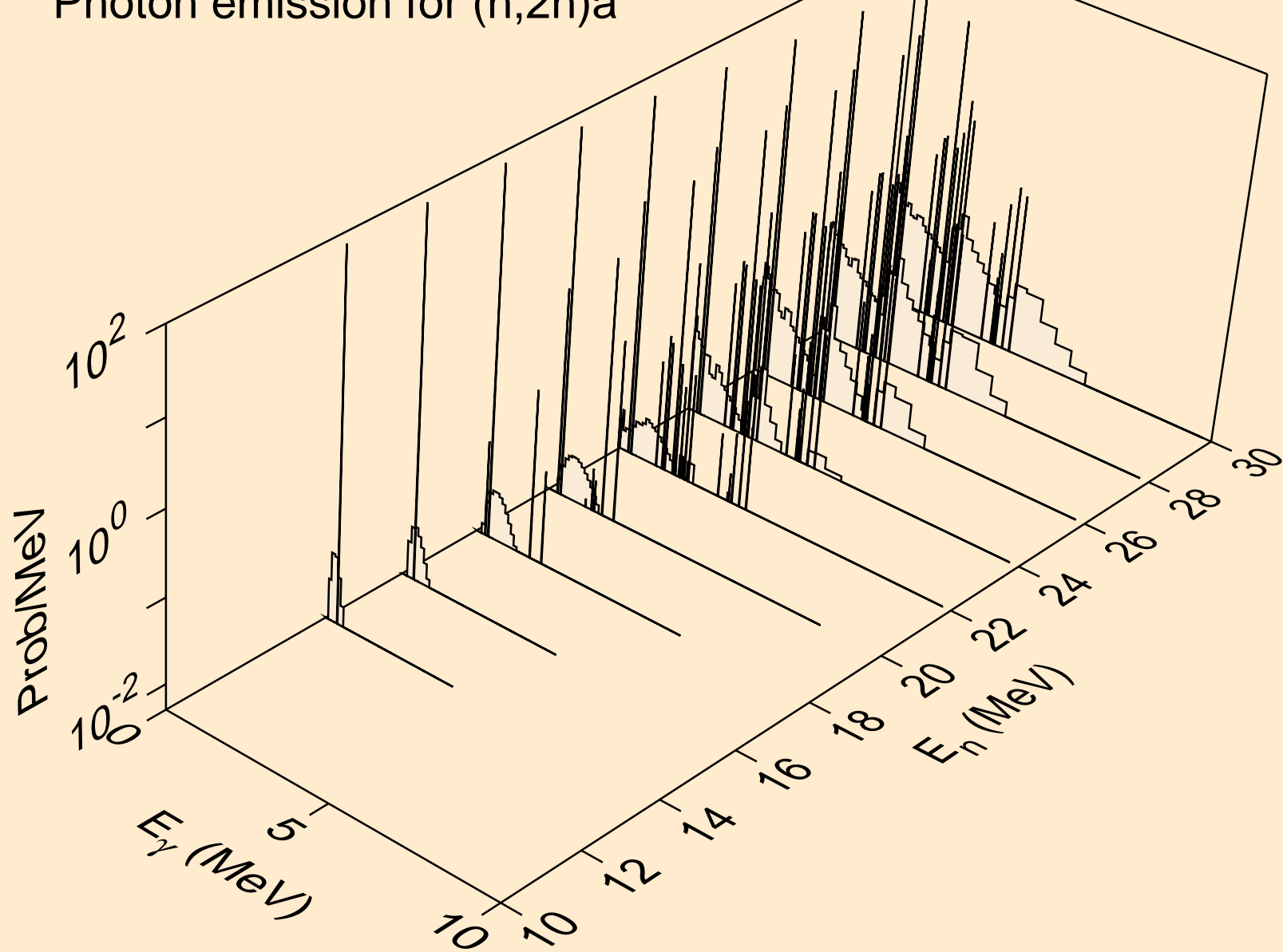


K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

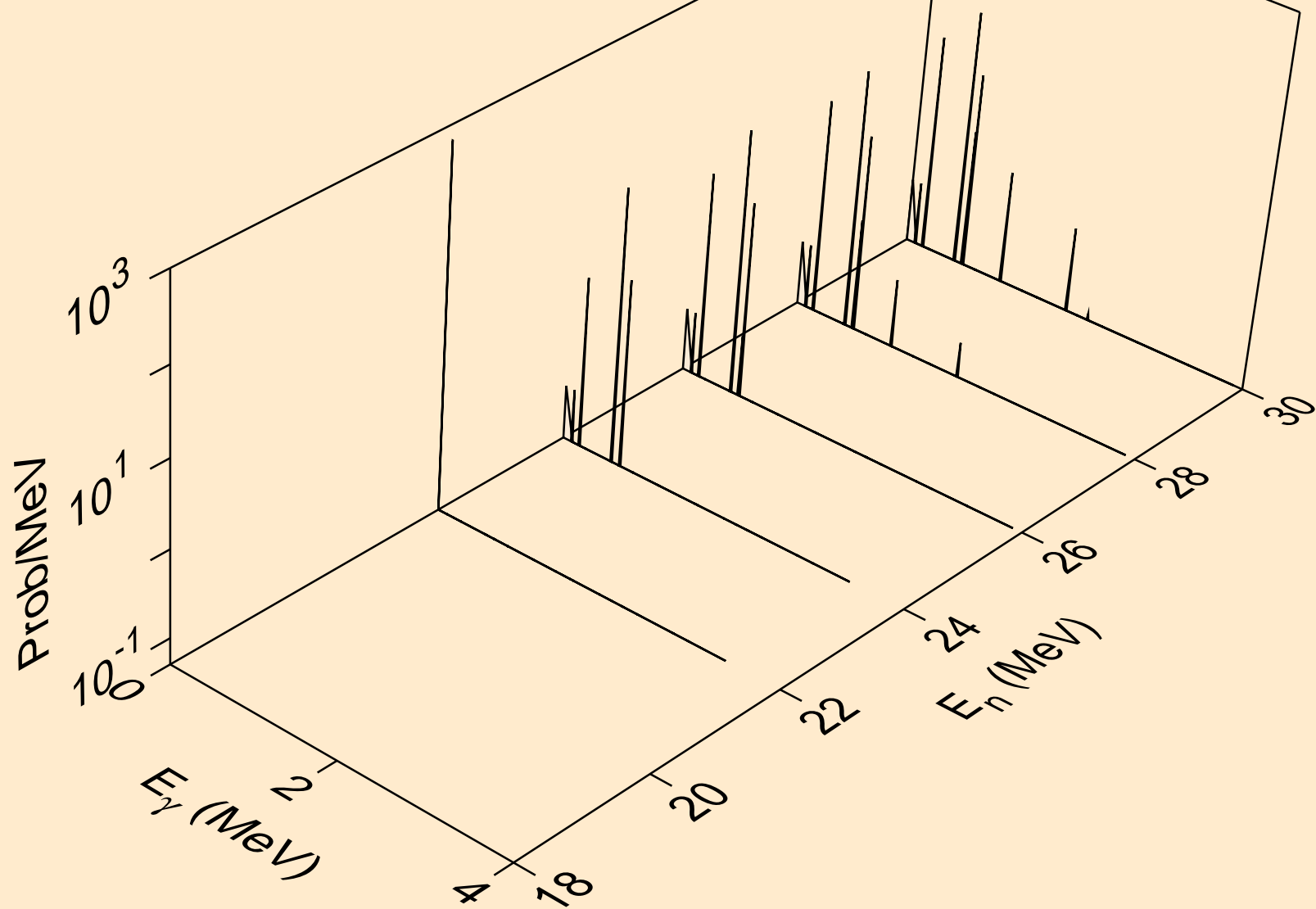




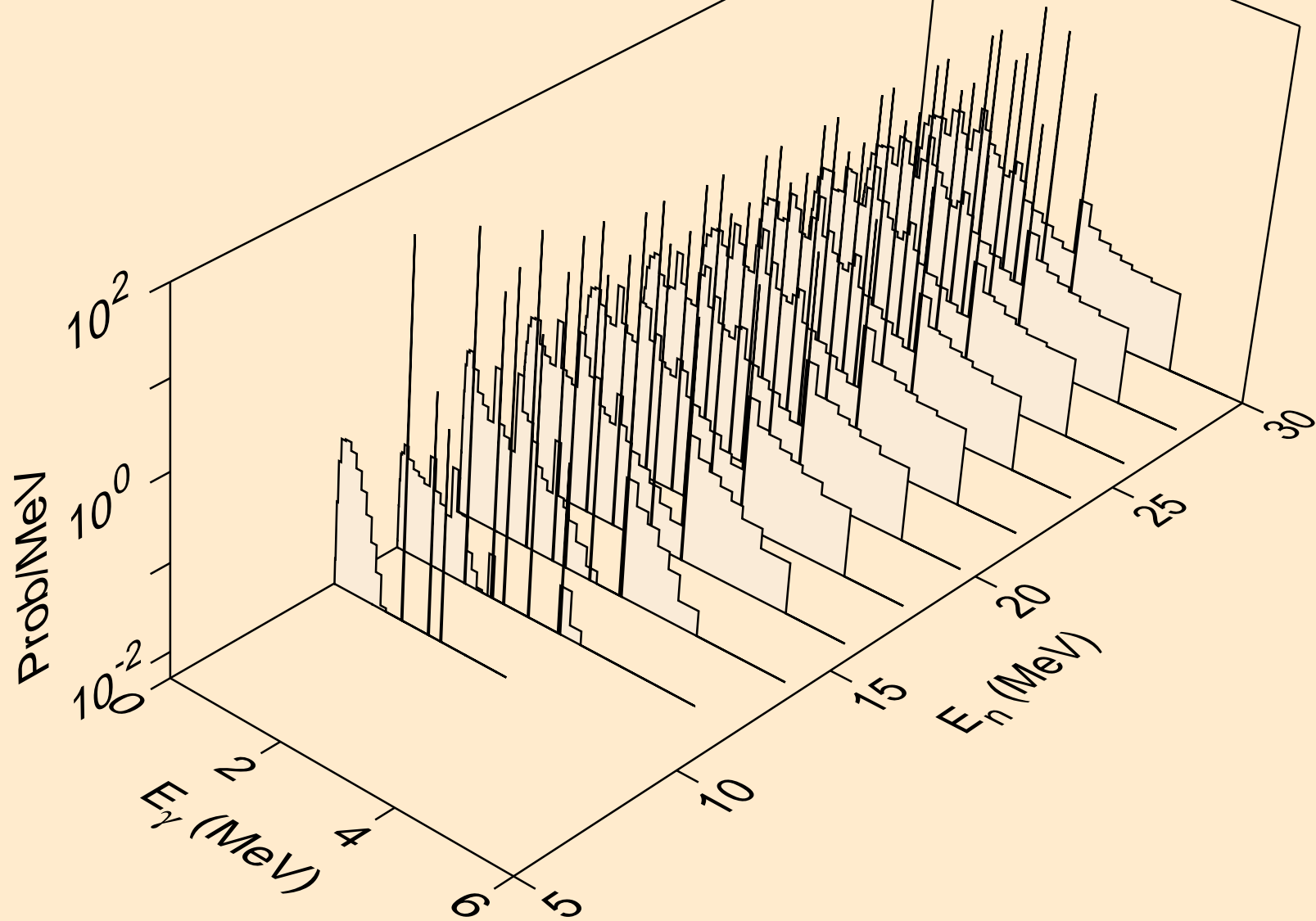
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



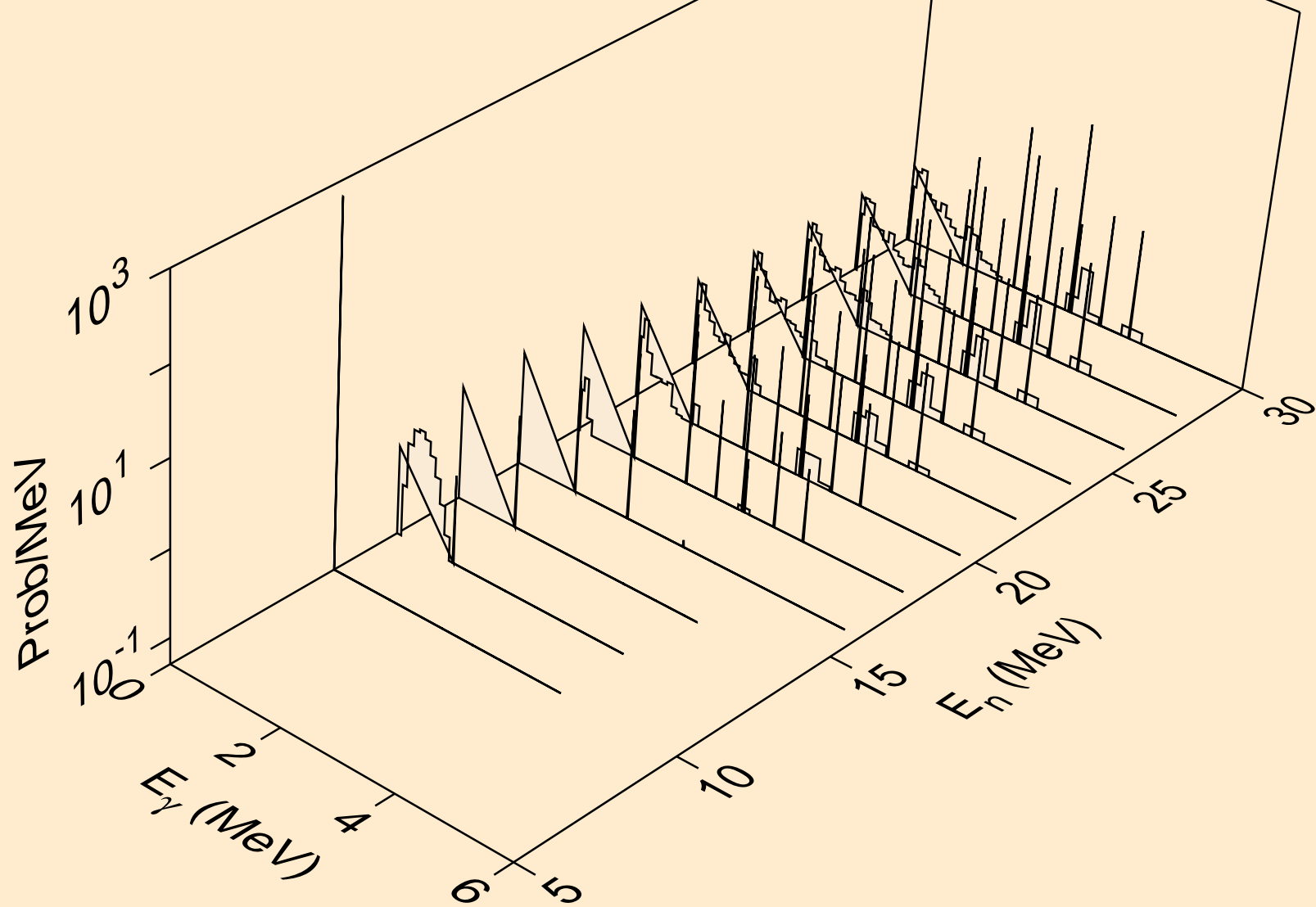
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Photon emission for (n,3n)a



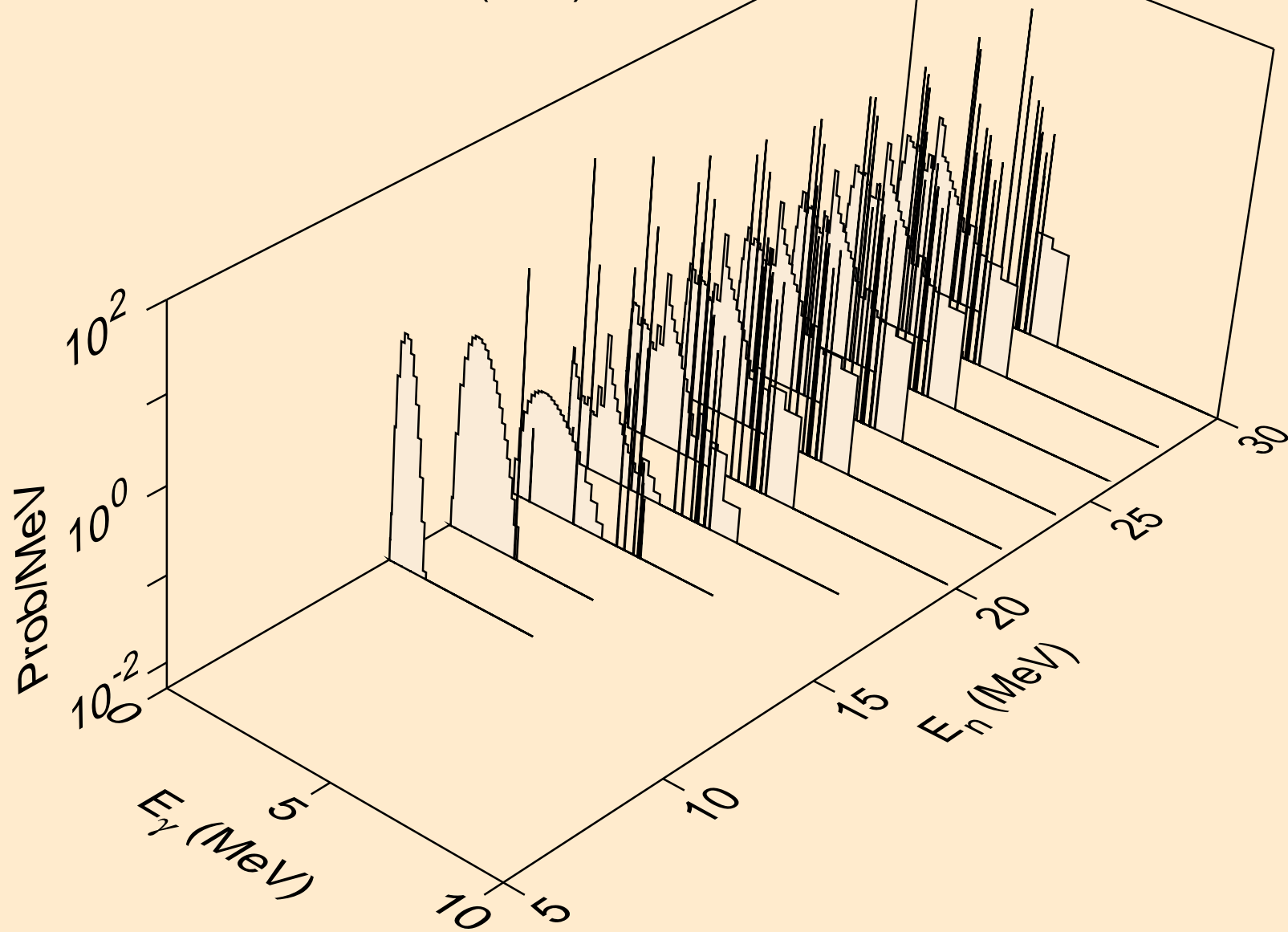
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



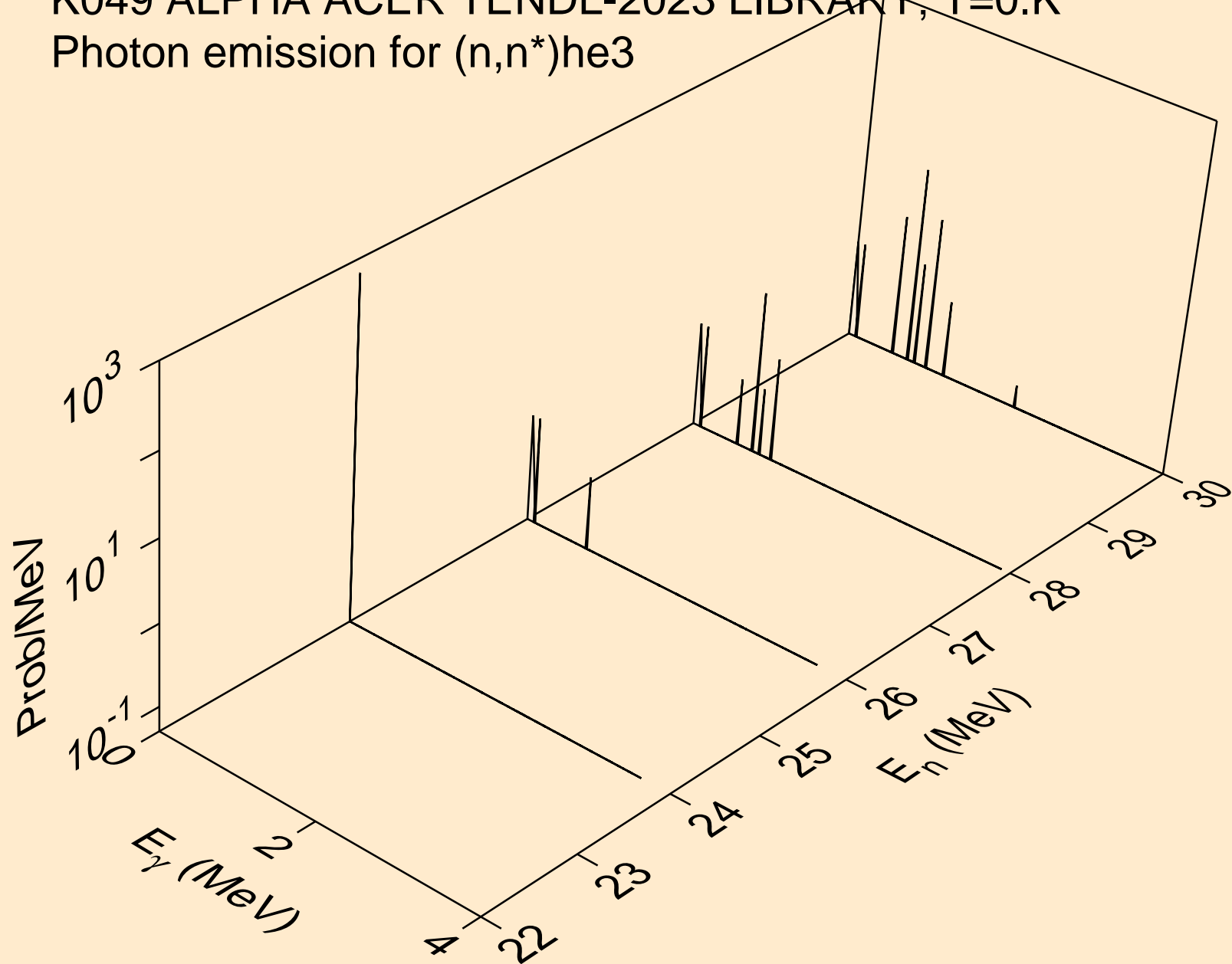
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



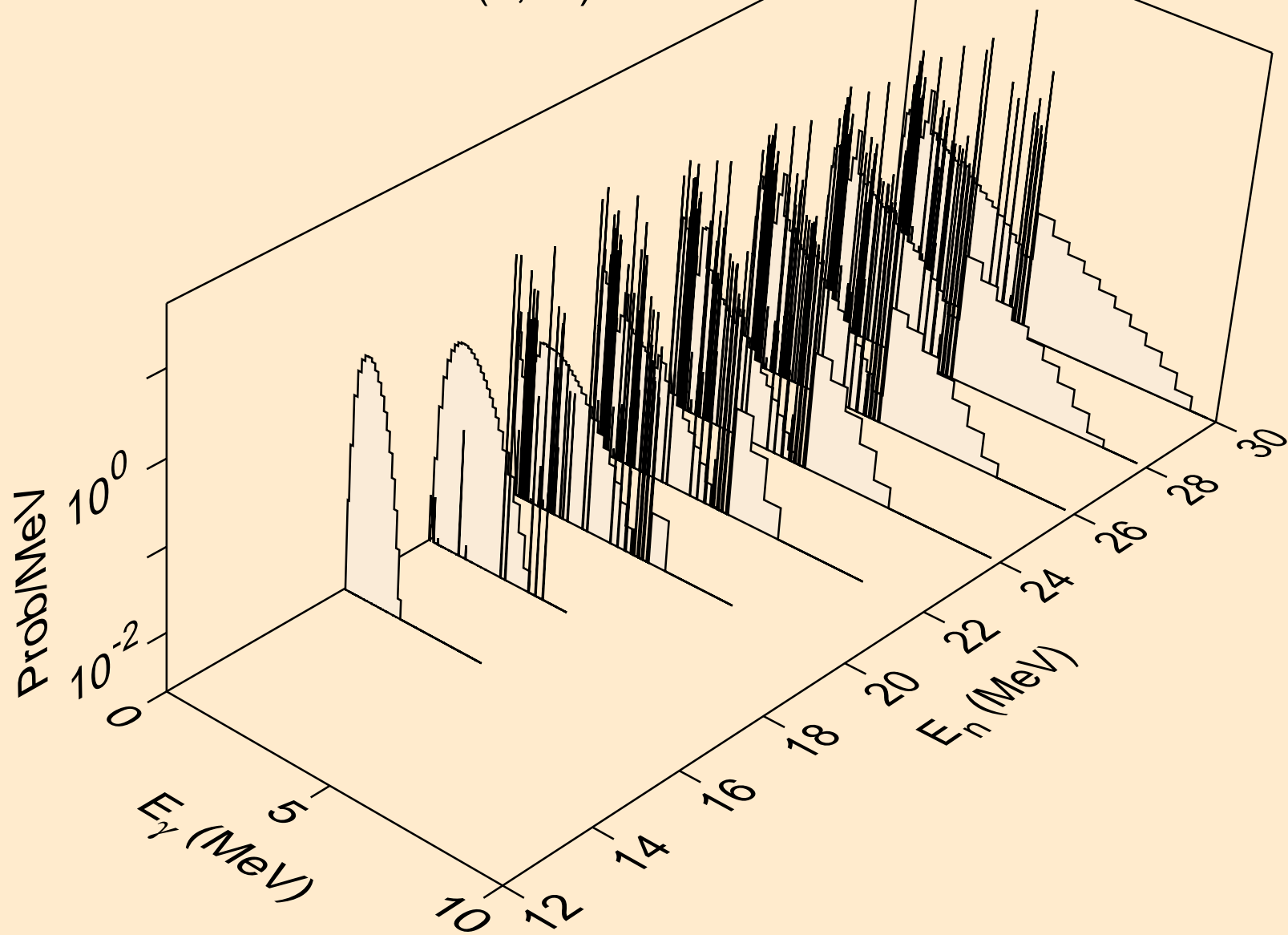
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



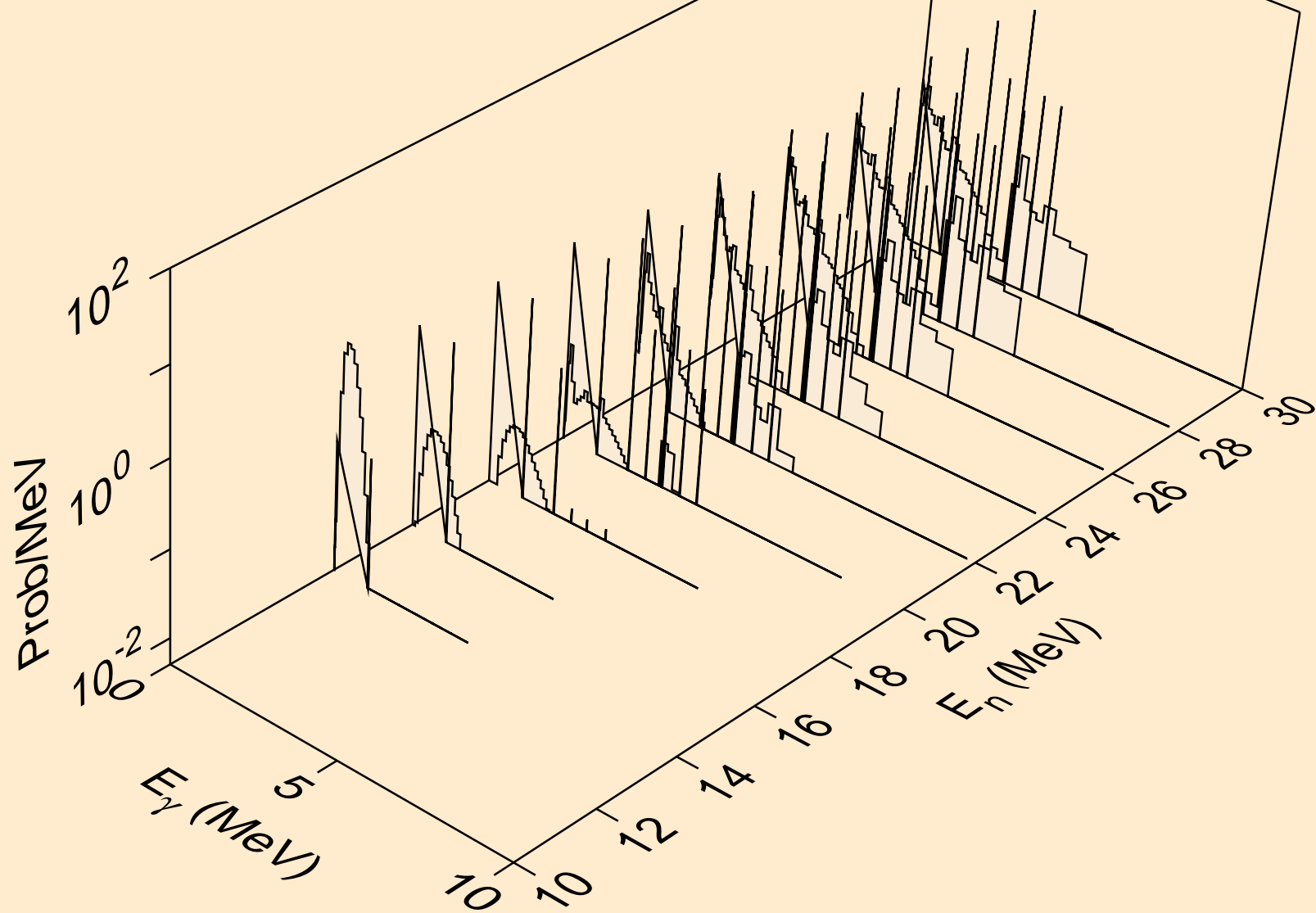
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

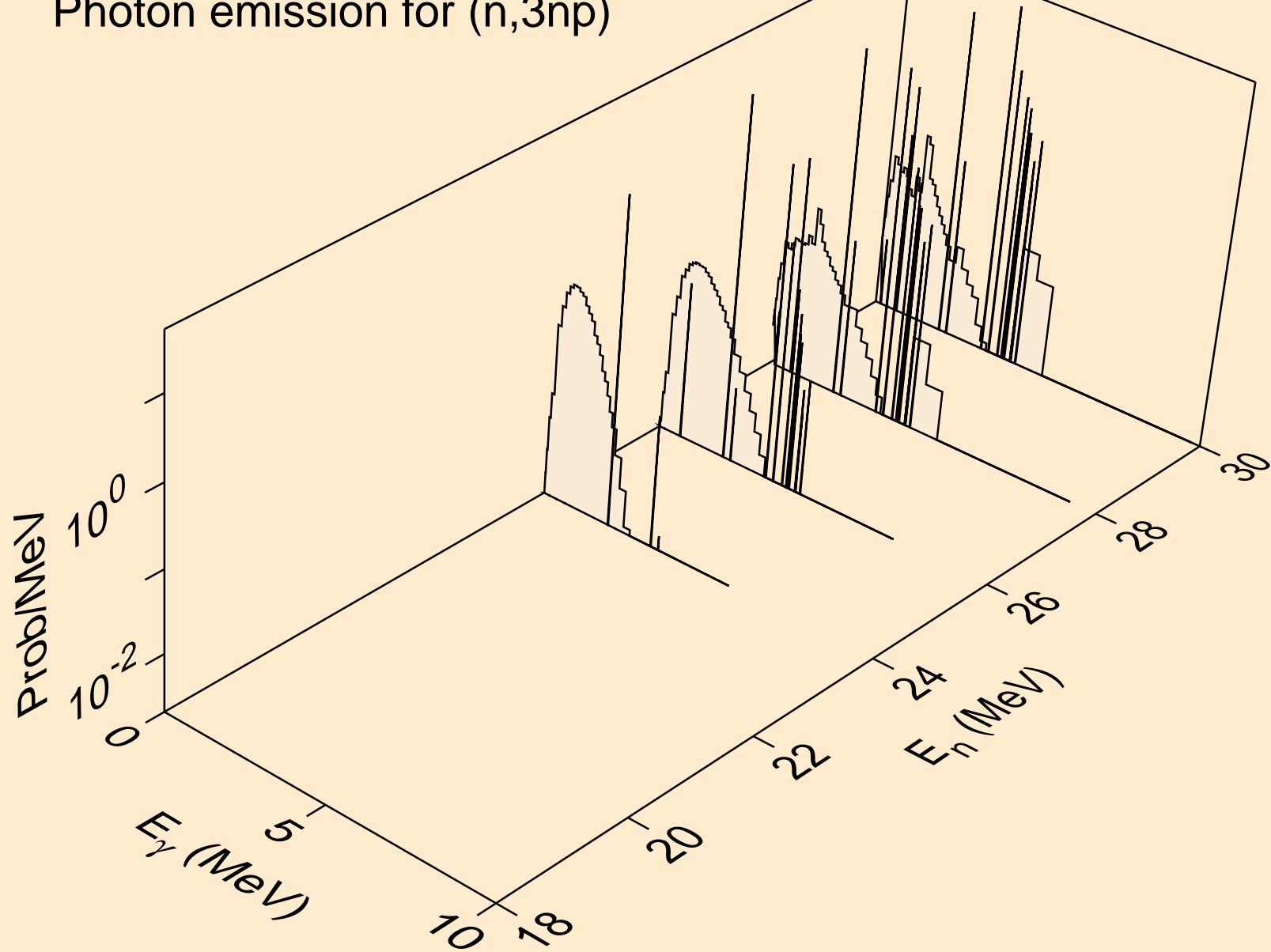


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Photon emission for (n,2np)

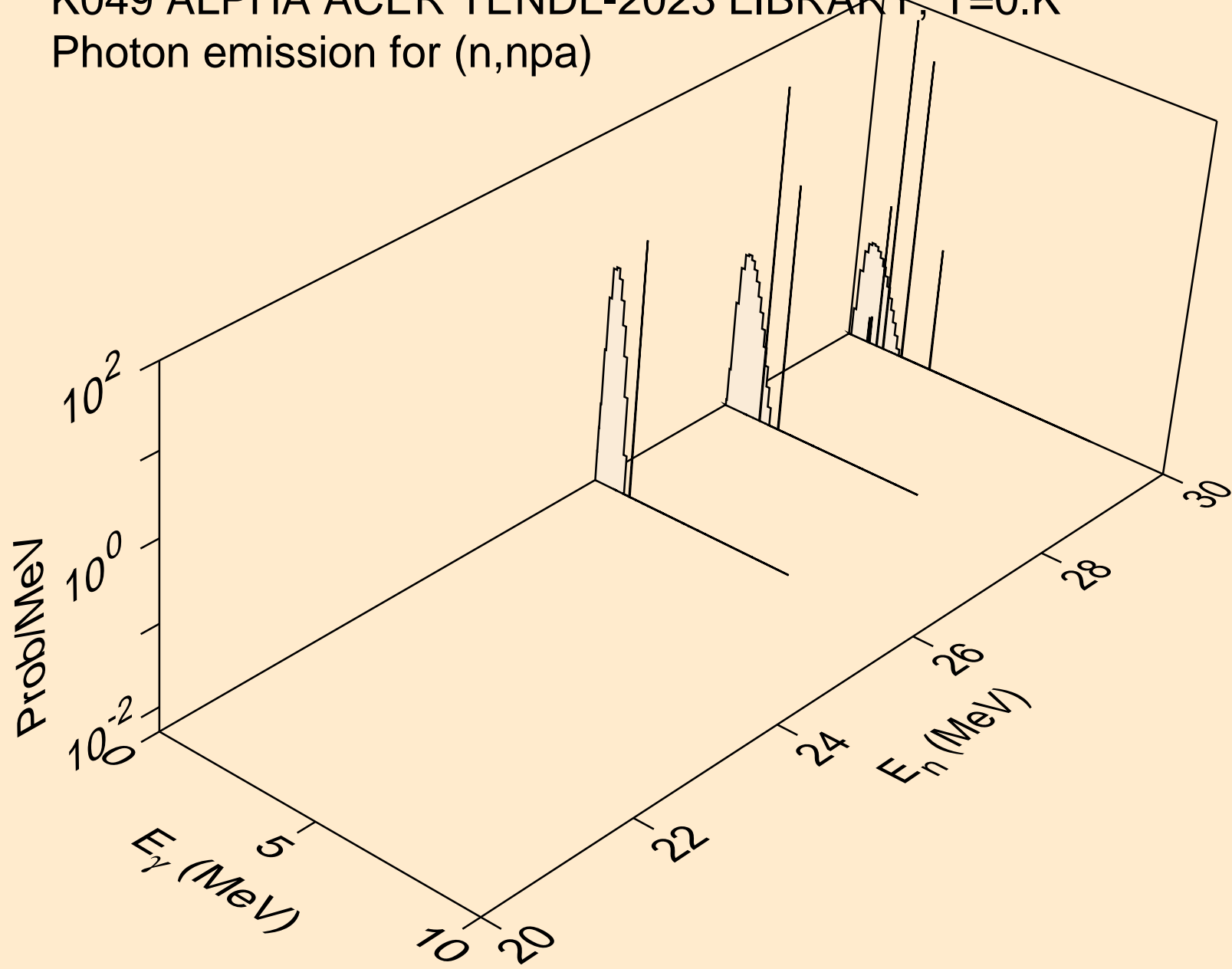




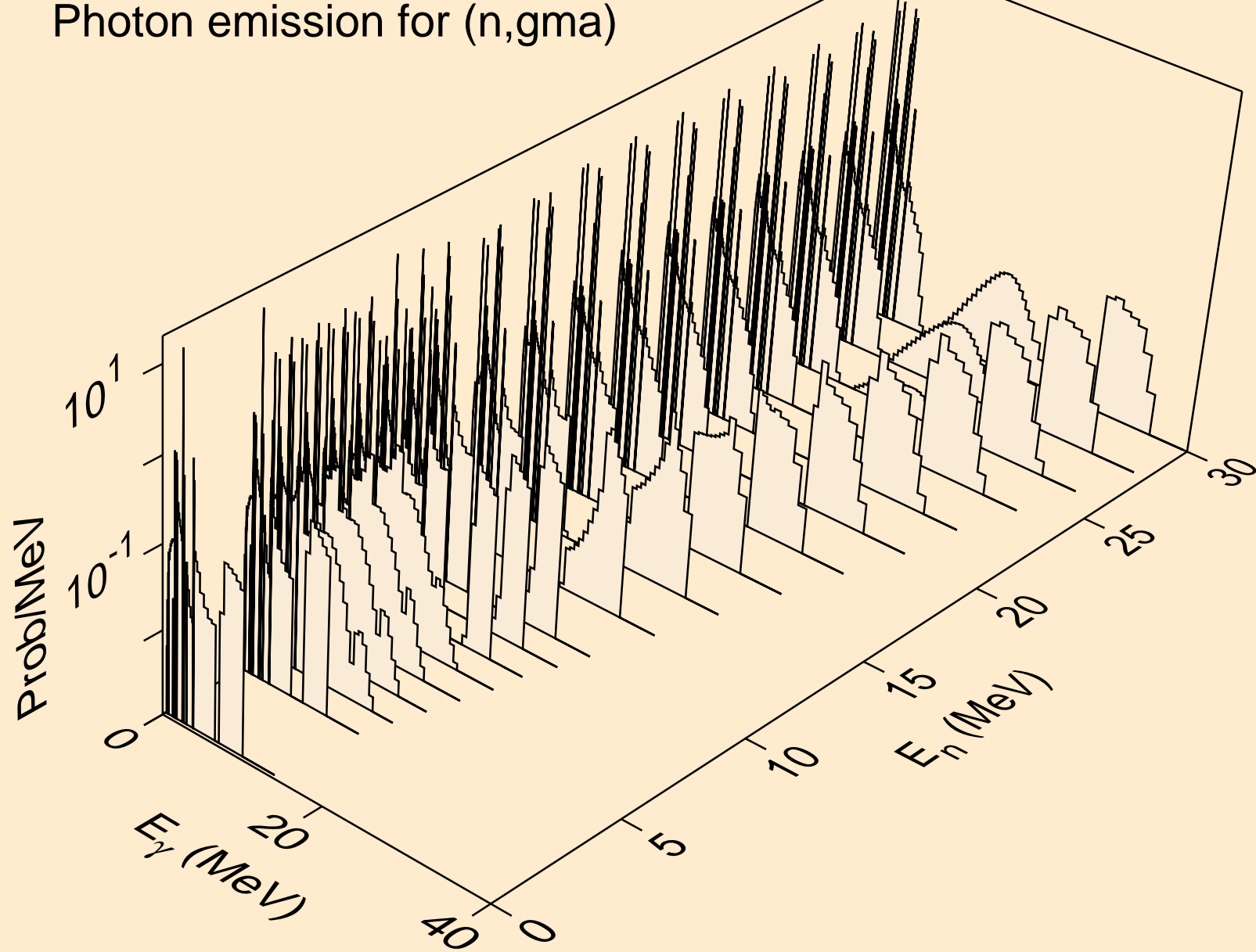
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Photon emission for (n,3np)



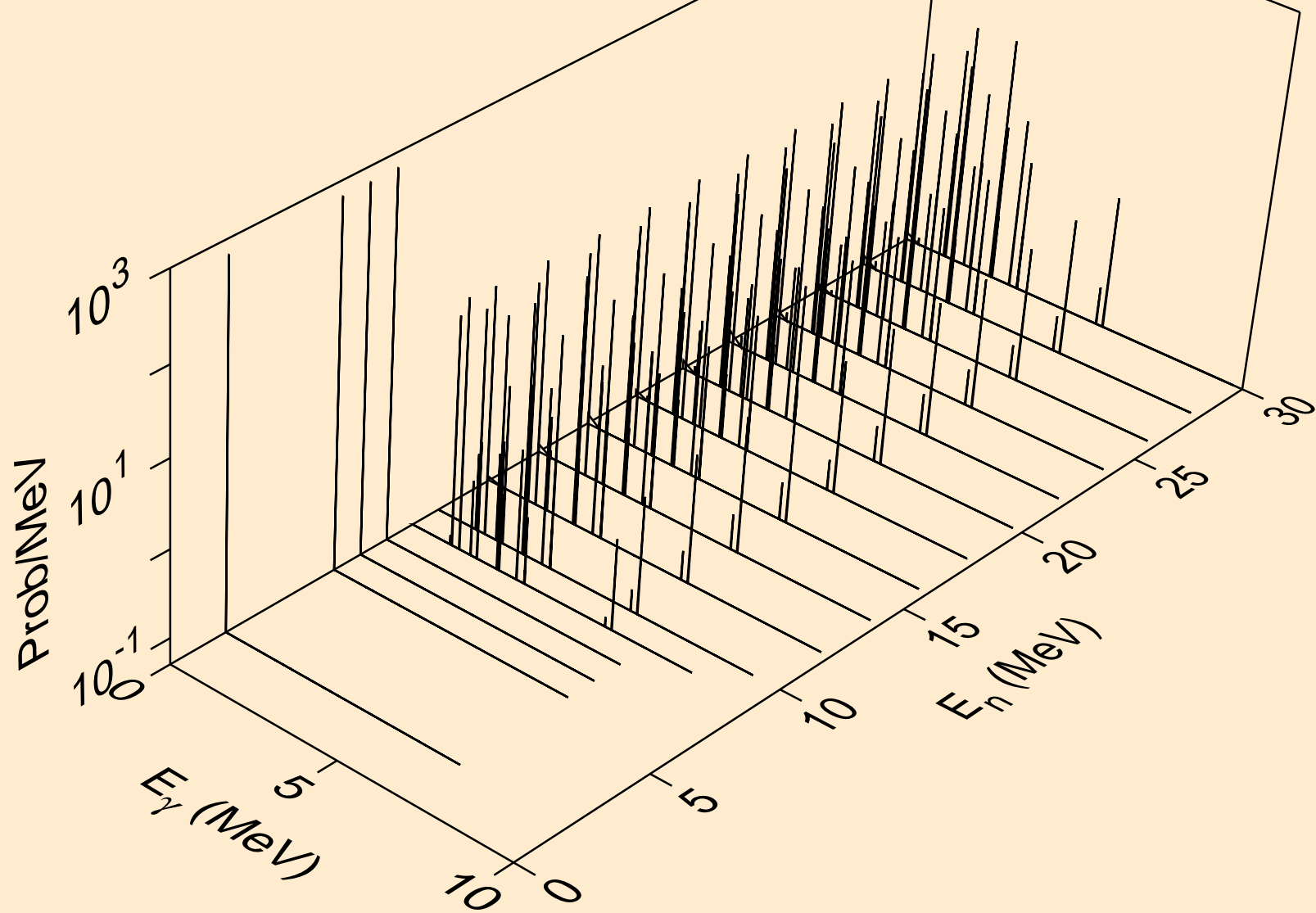
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Photon emission for (n,npa)



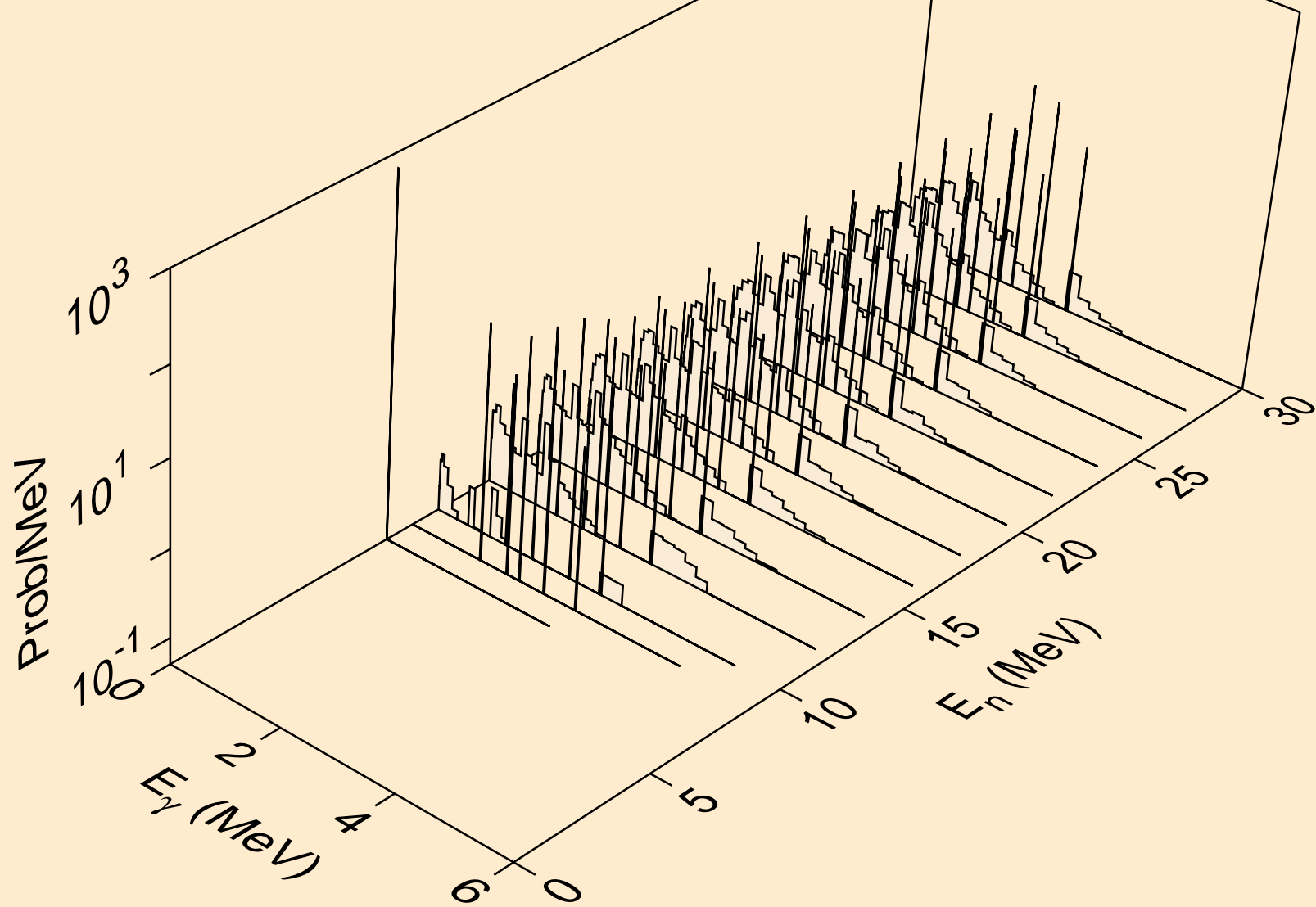
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Photon emission for (n,gma)



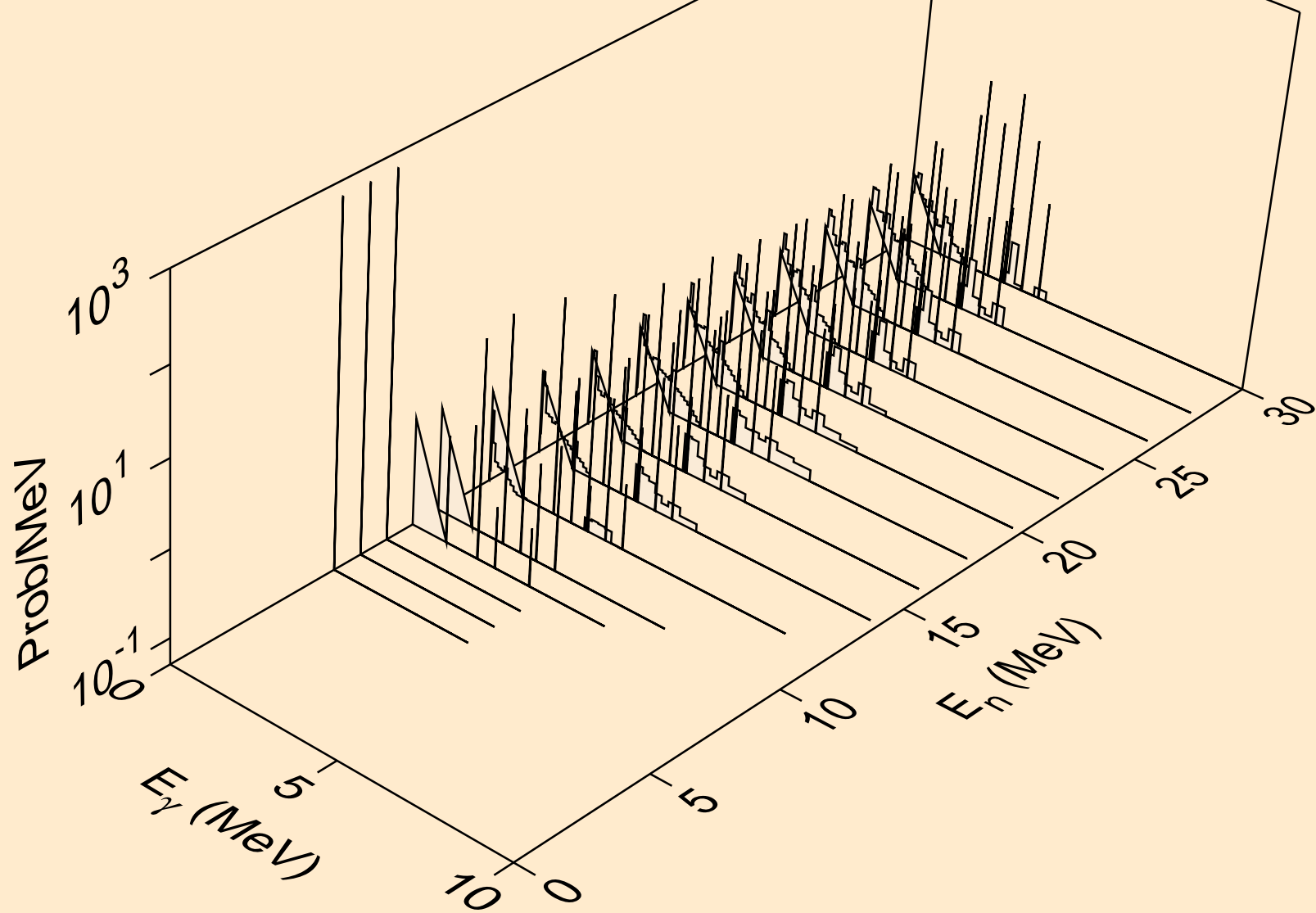
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Photon emission for (n,p)



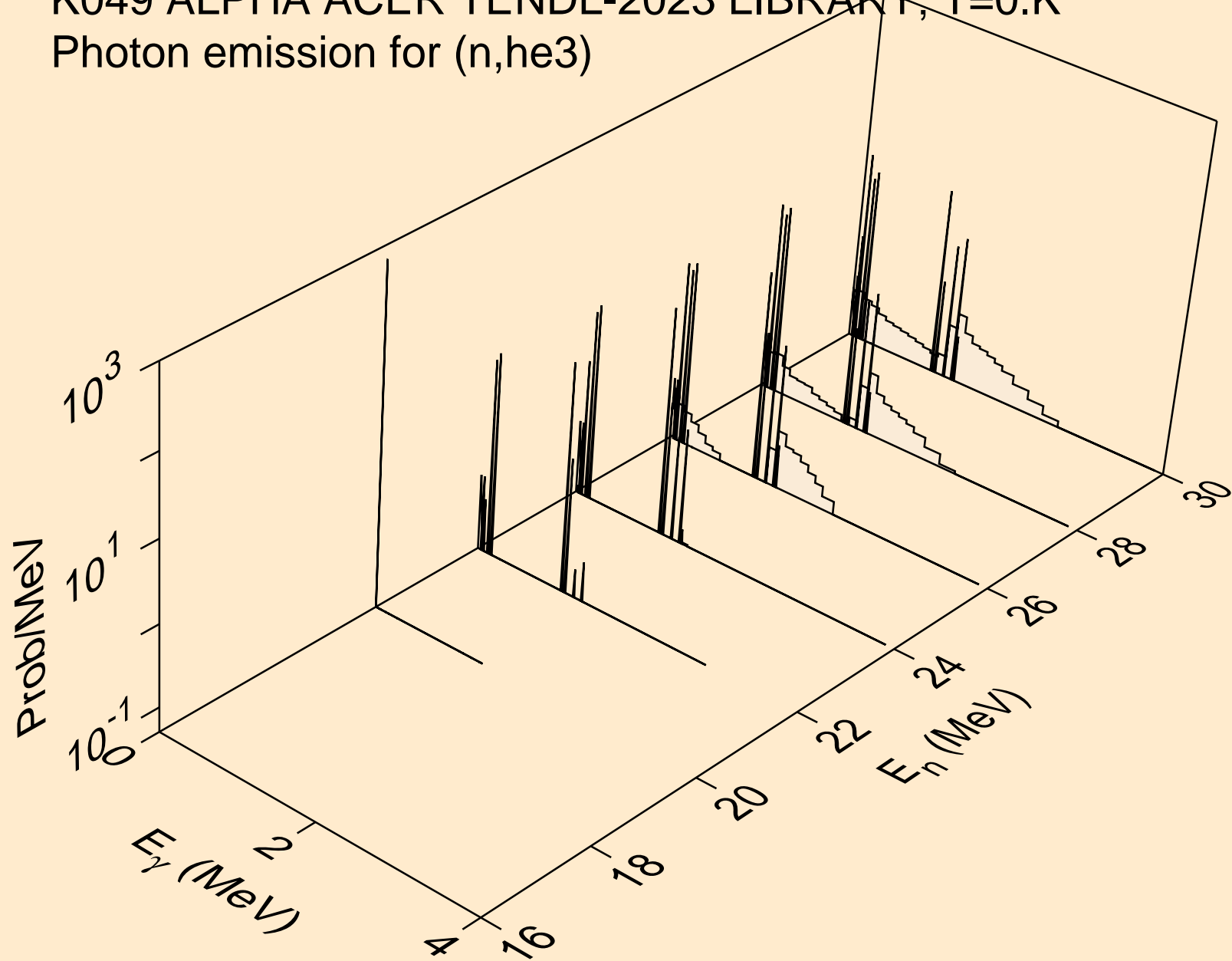
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Photon emission for (n,d)



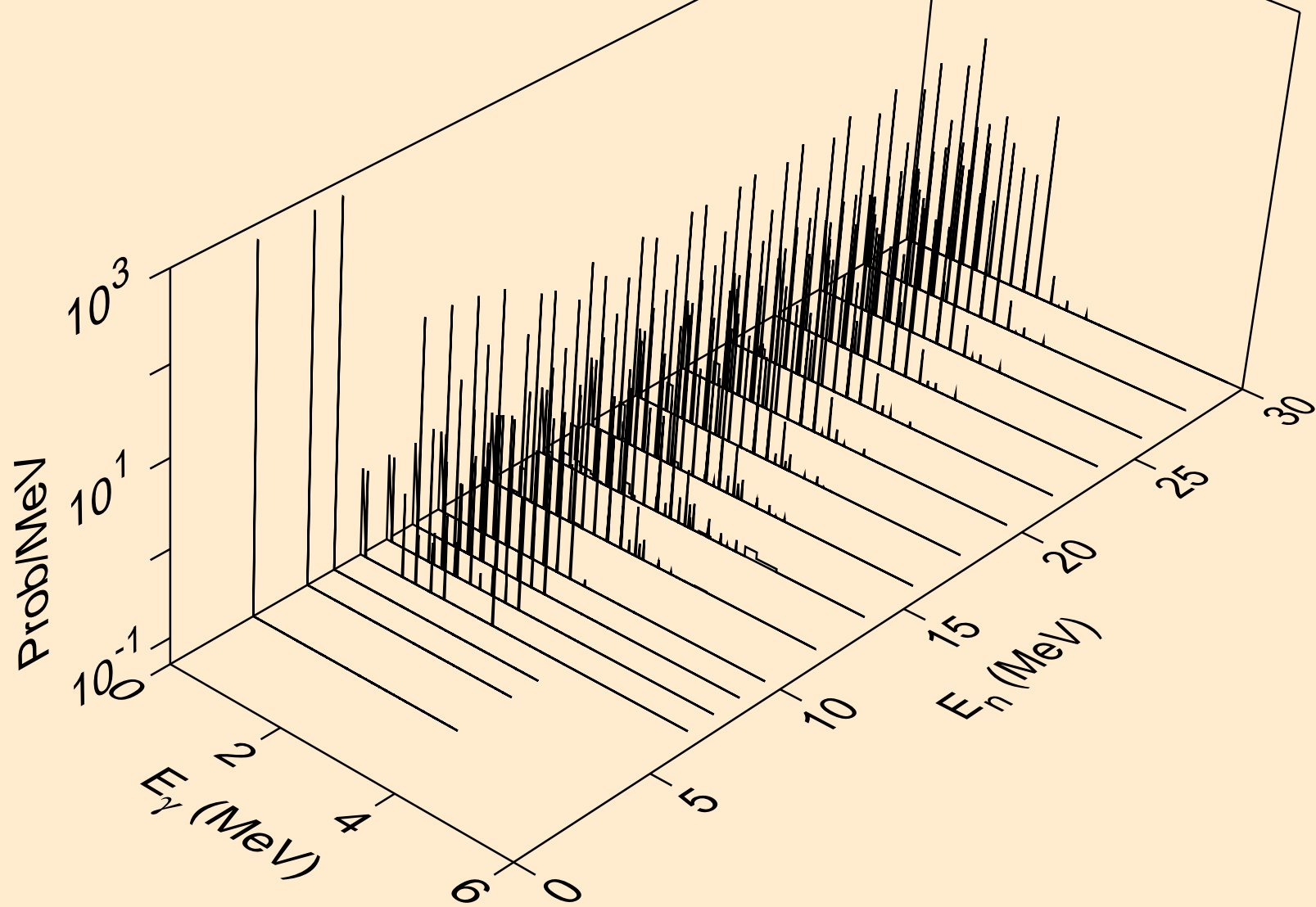
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

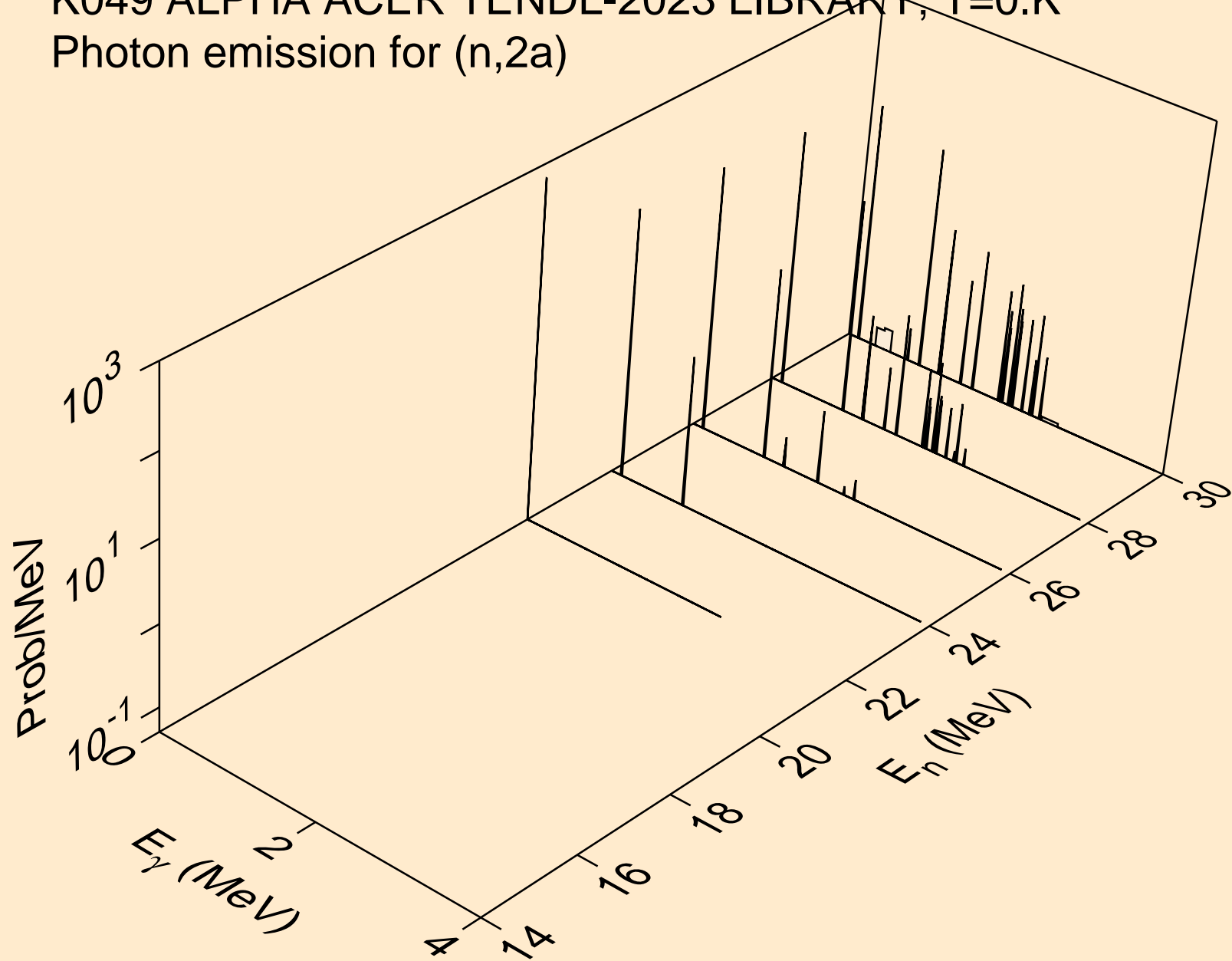


K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

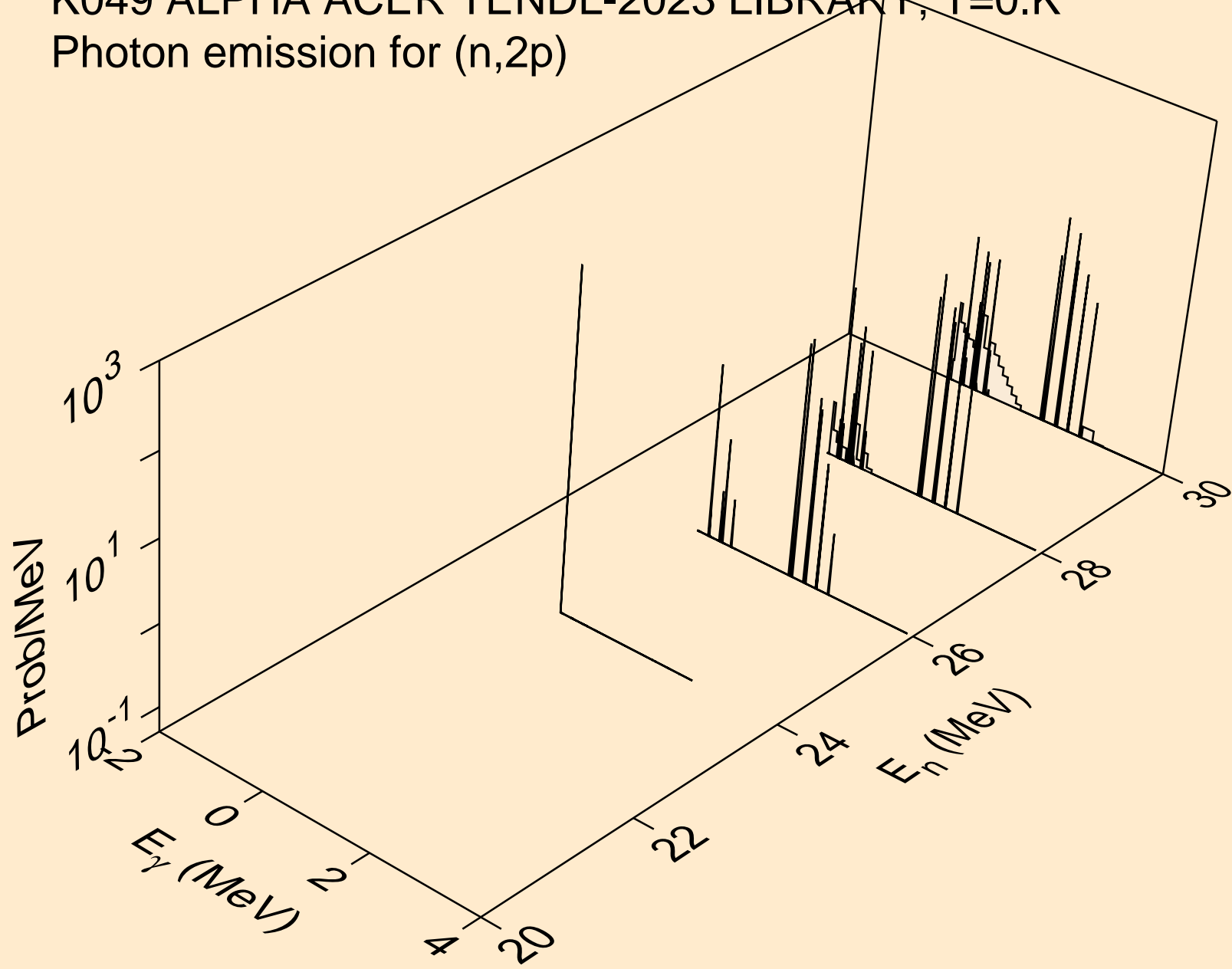




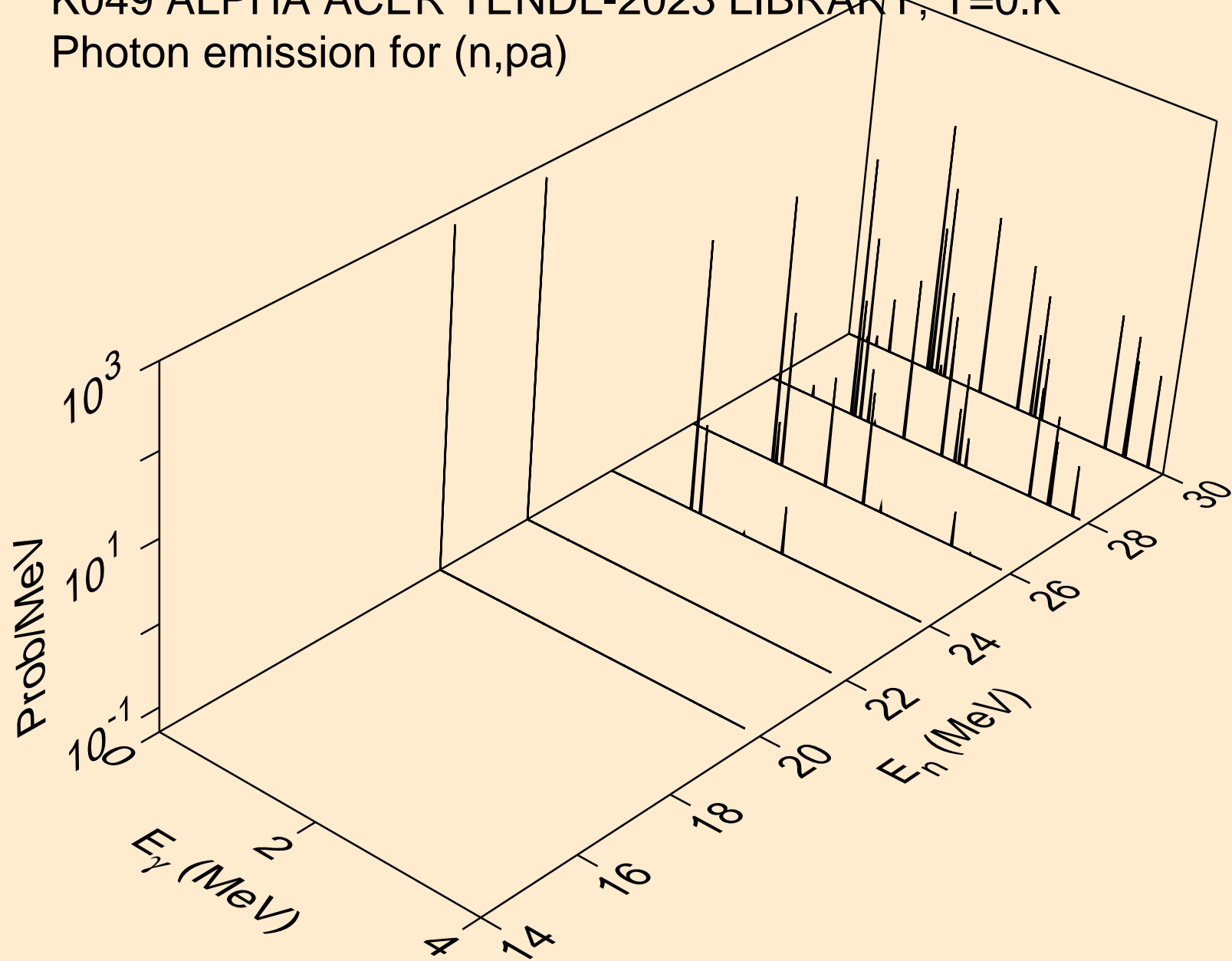
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Photon emission for (n,2a)



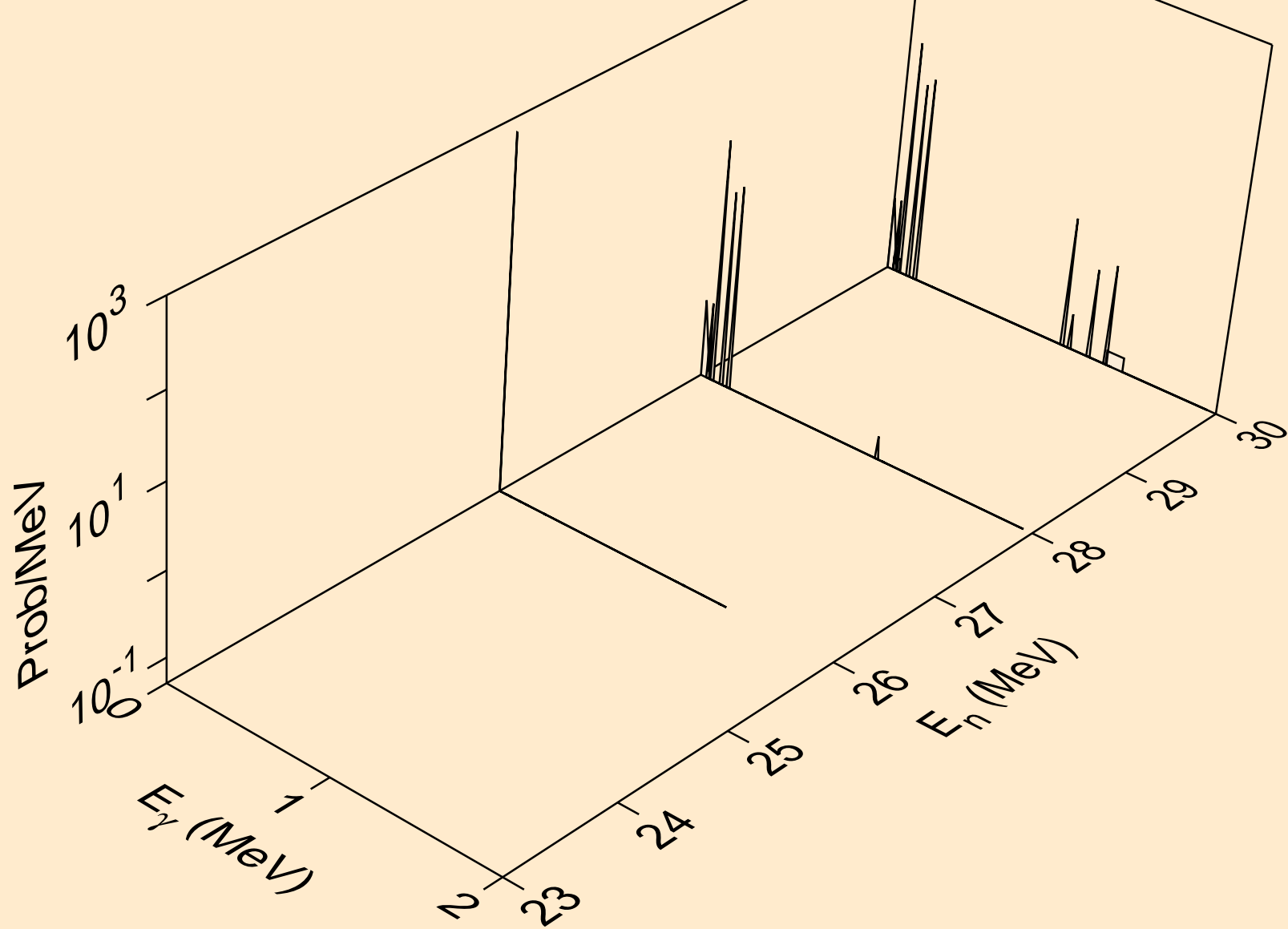
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Photon emission for (n,2p)



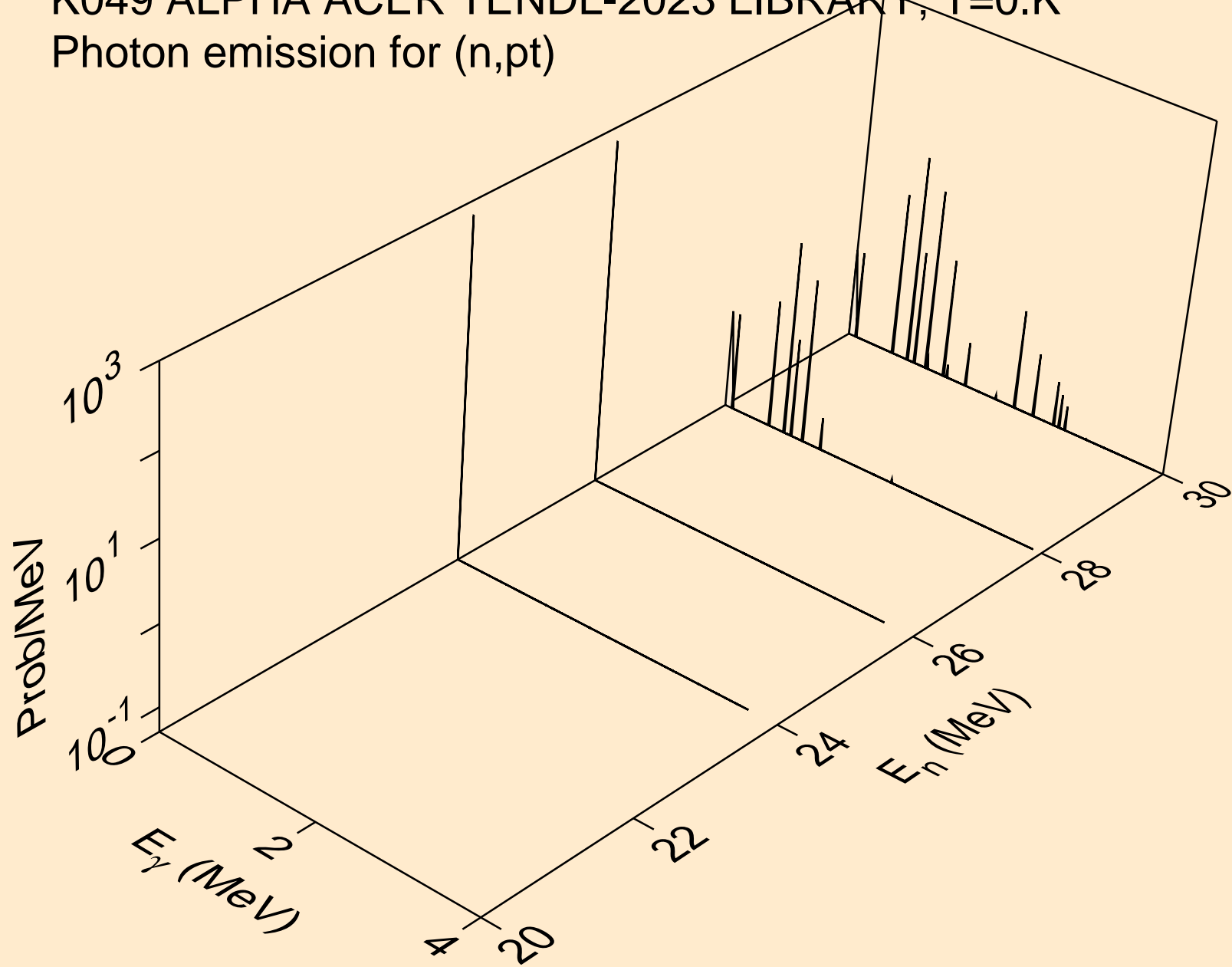
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Photon emission for (n,pa)



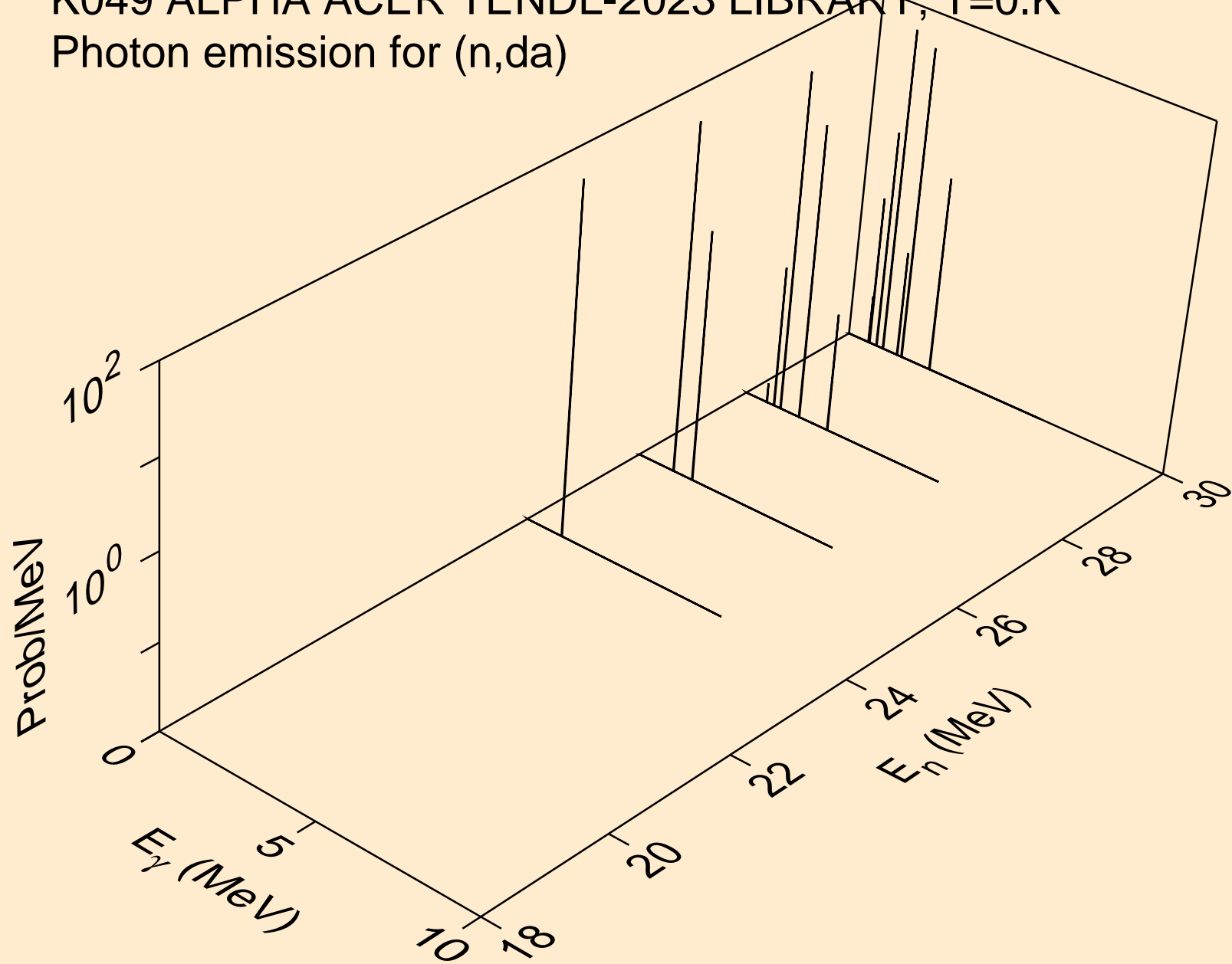
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Photon emission for (n,pd)



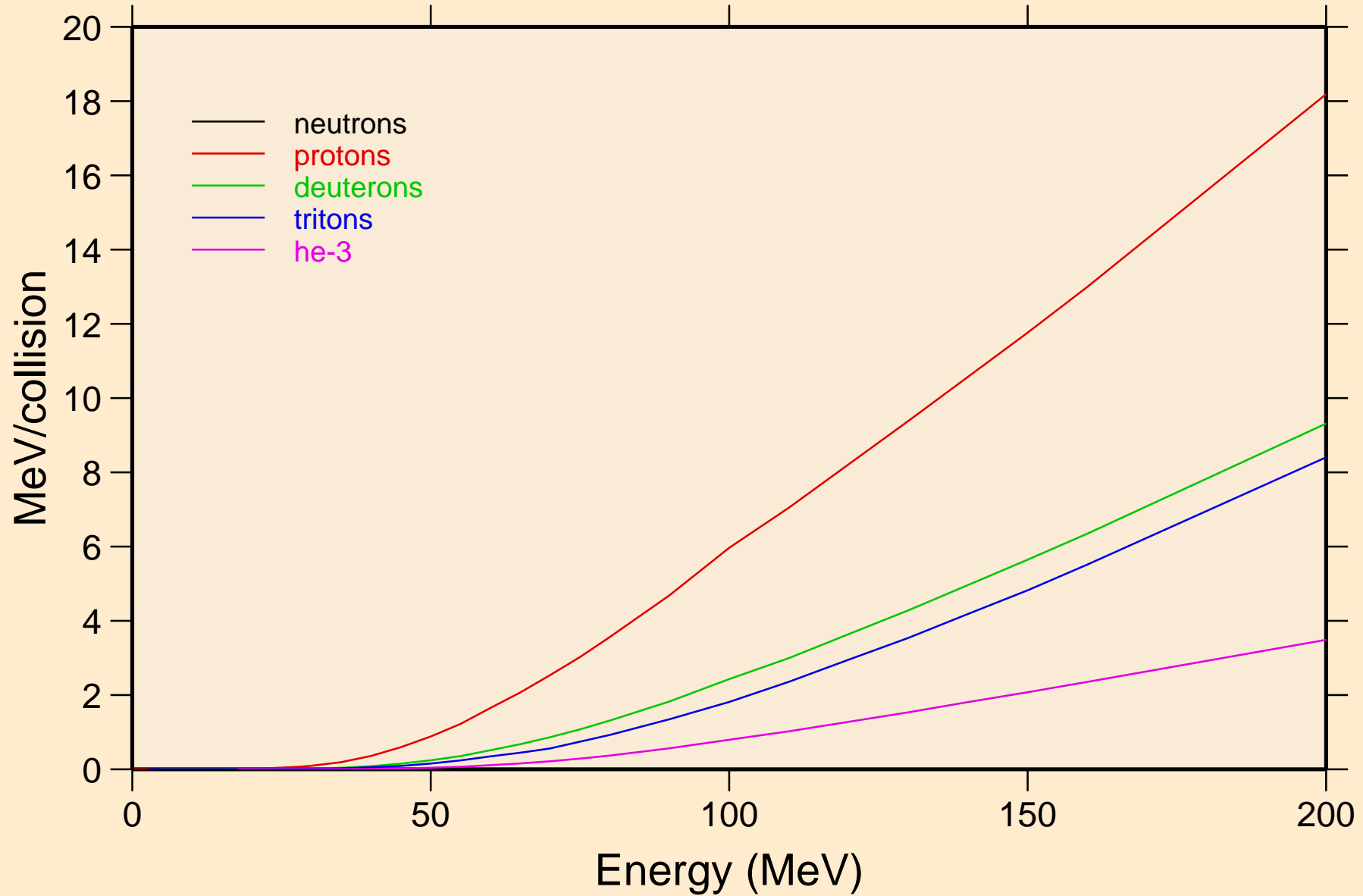
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Photon emission for (n,pt)



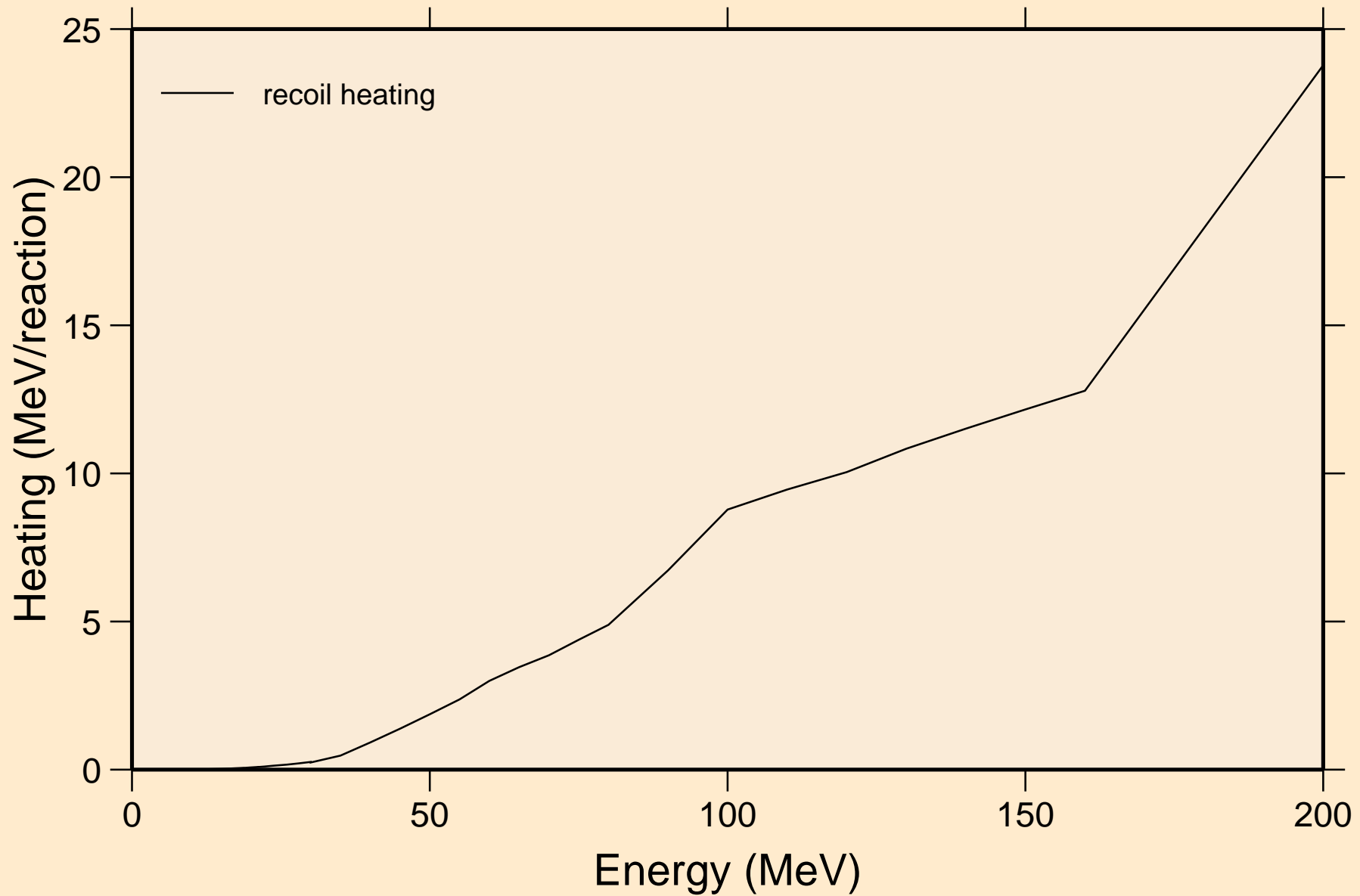
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

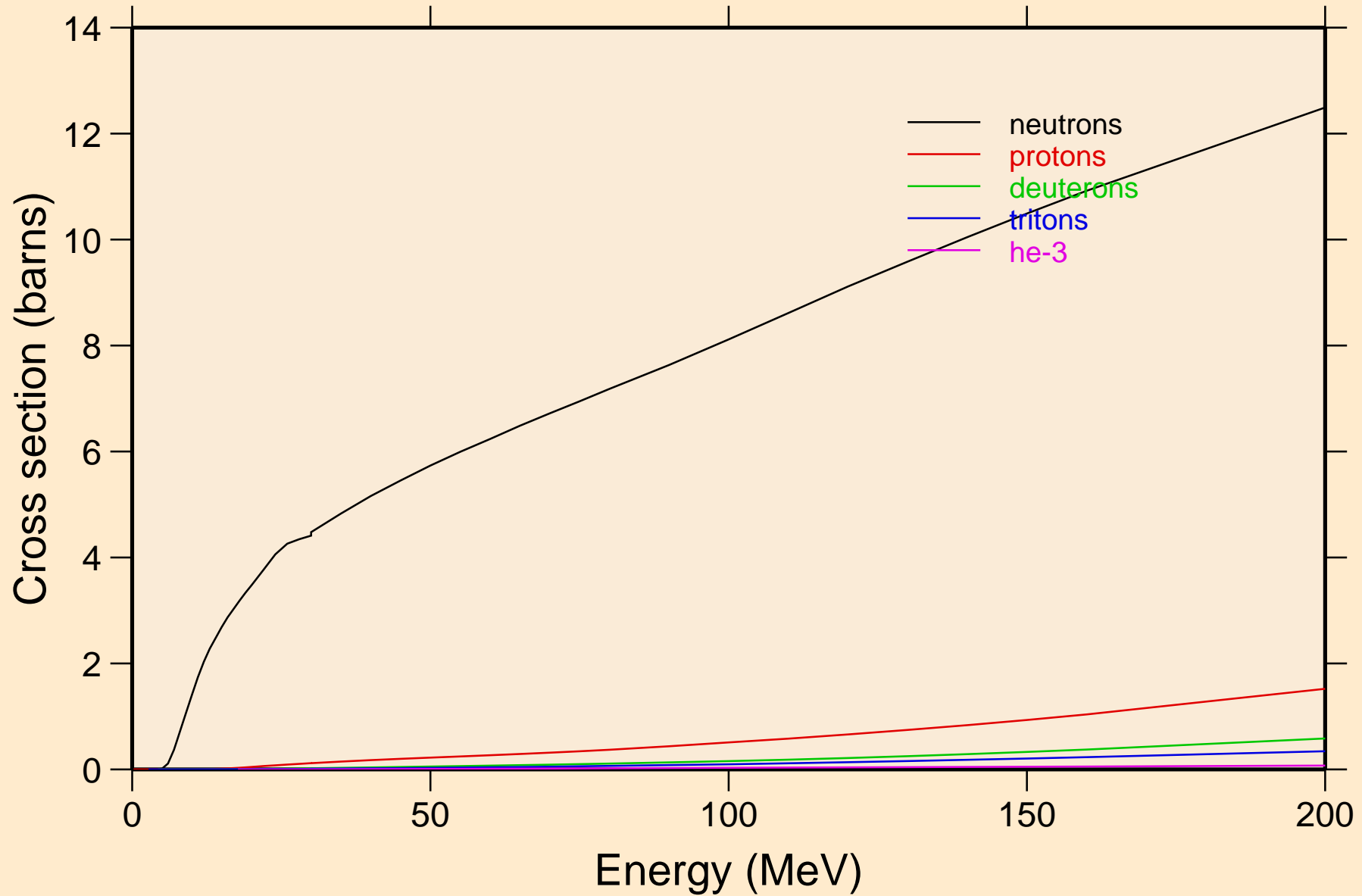


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Recoil Heating

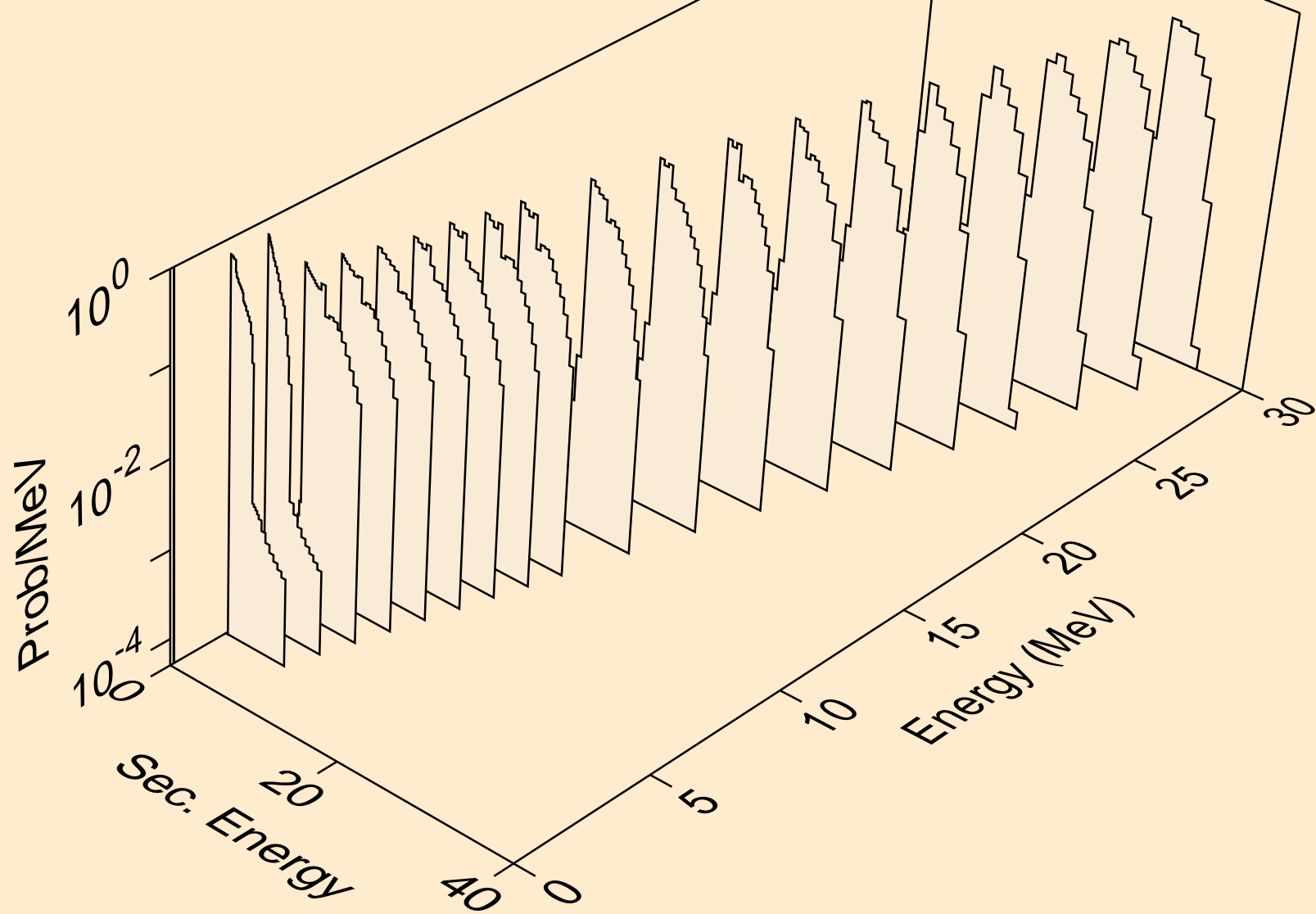




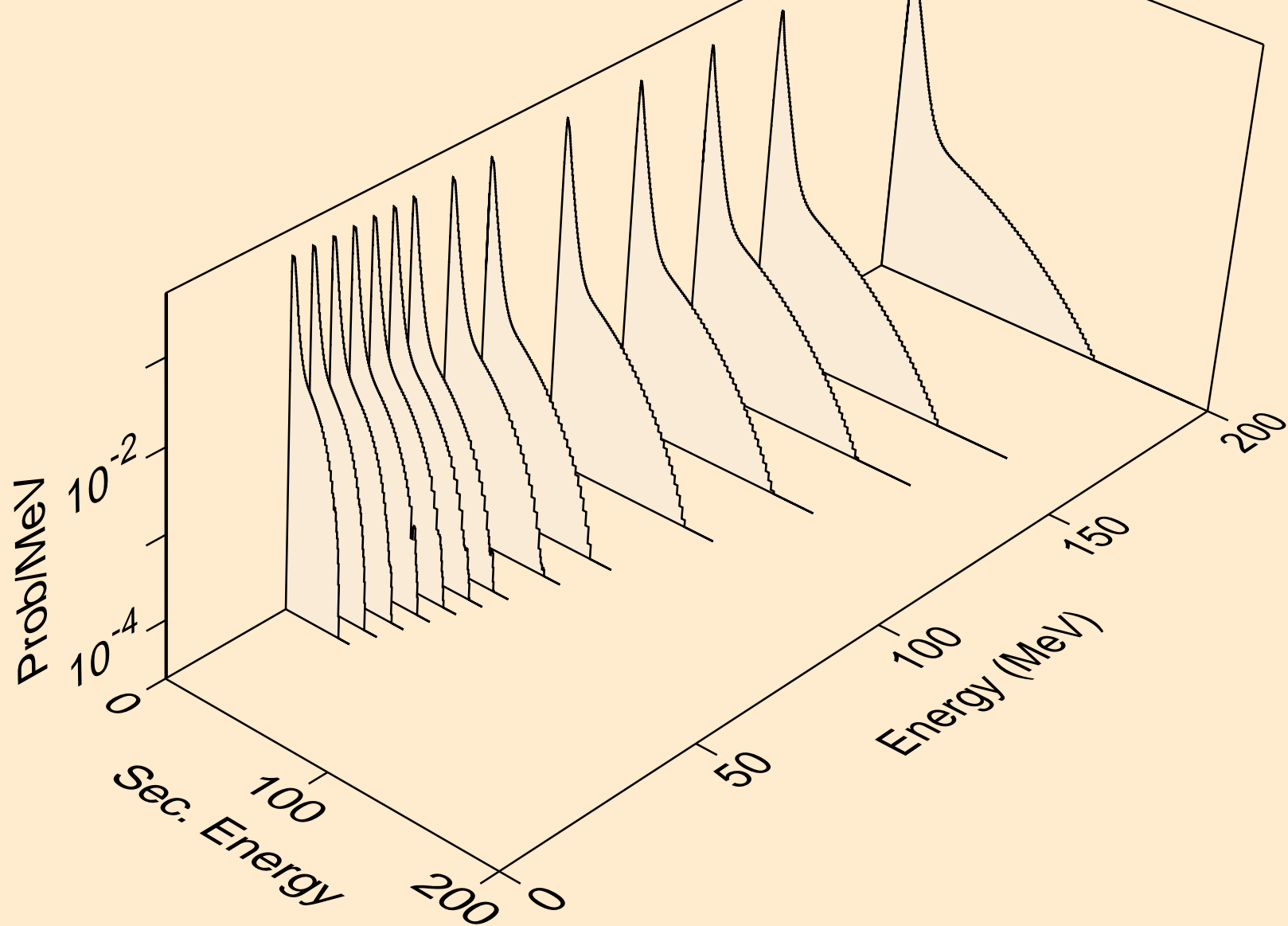
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



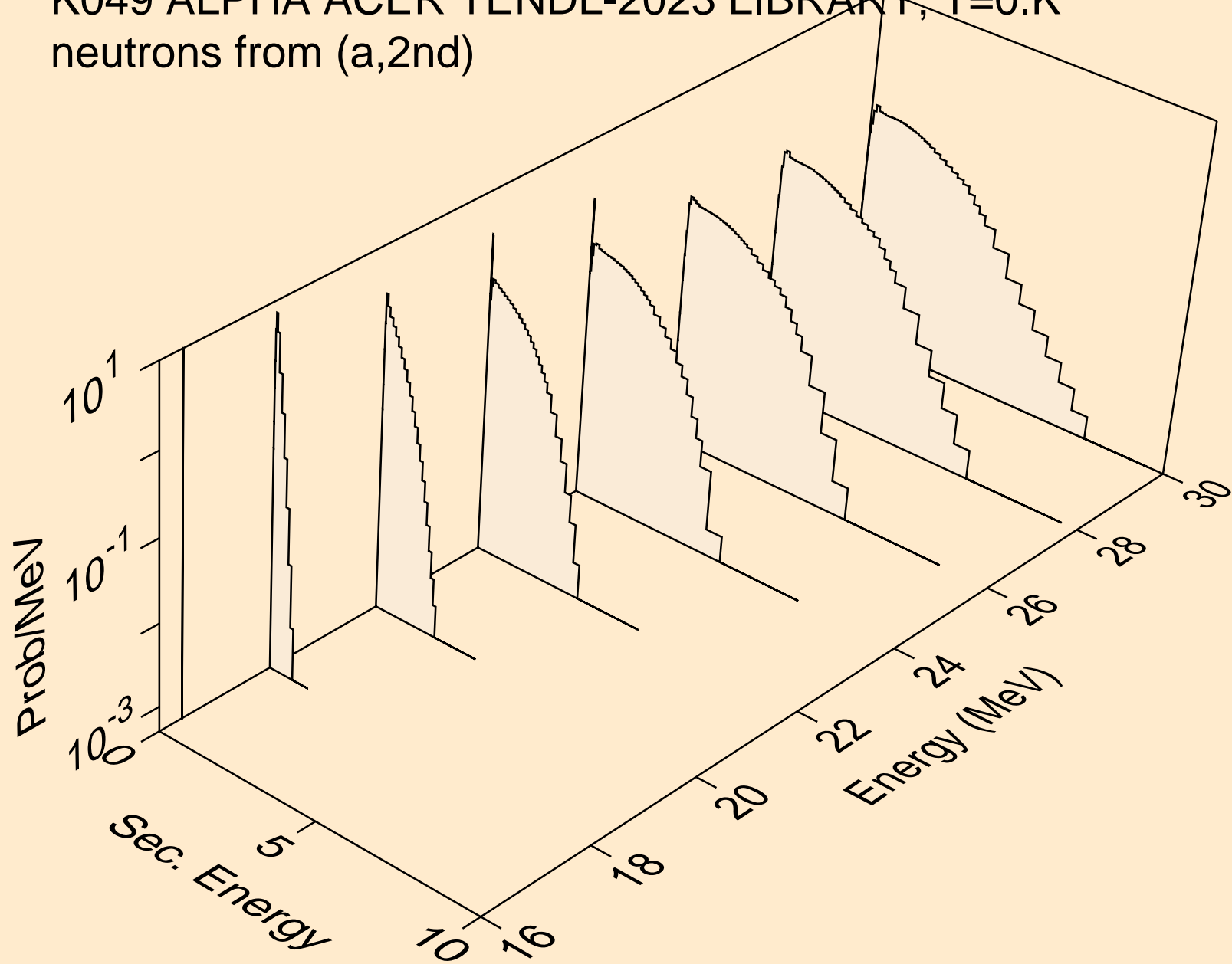
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



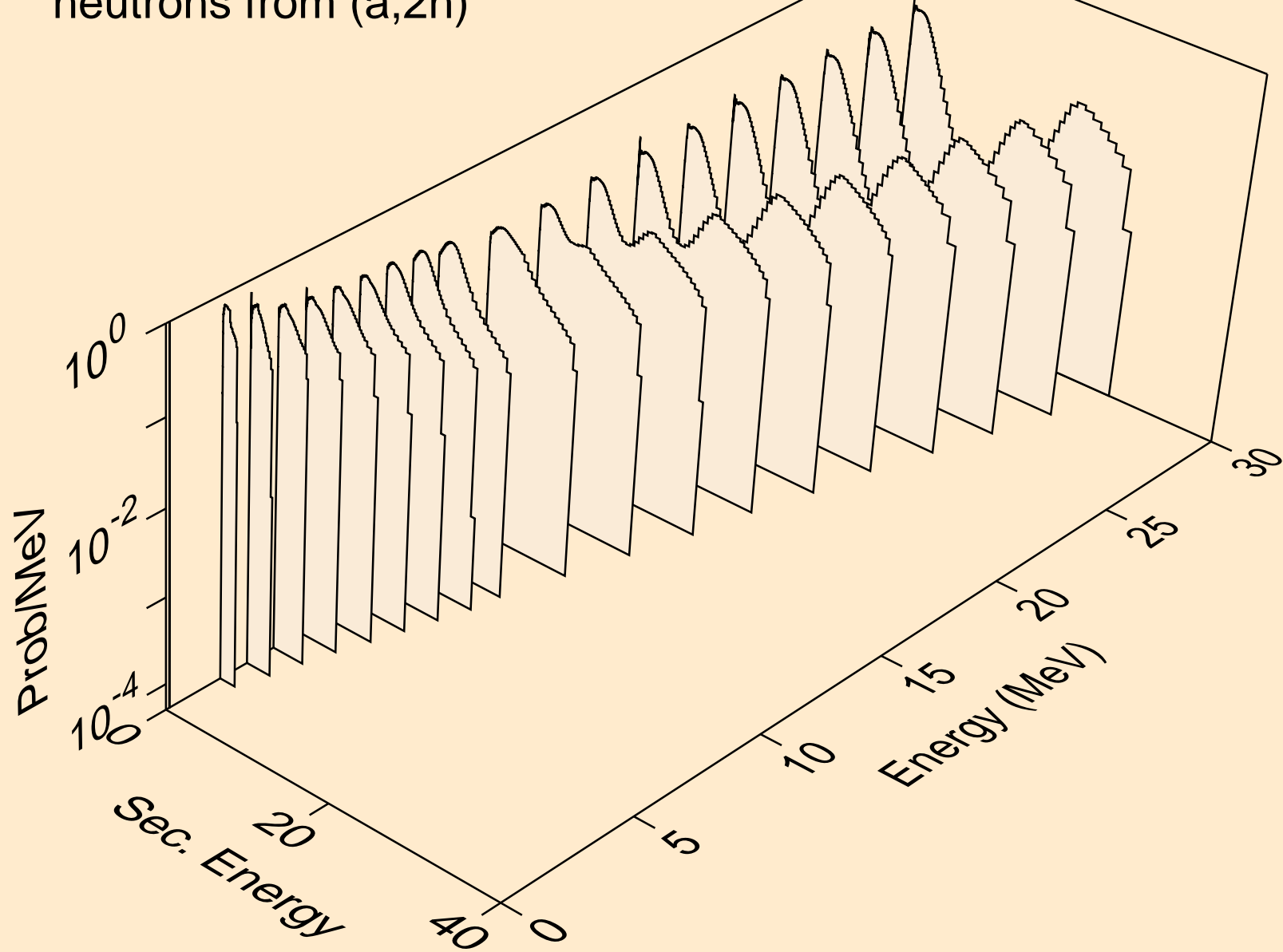
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



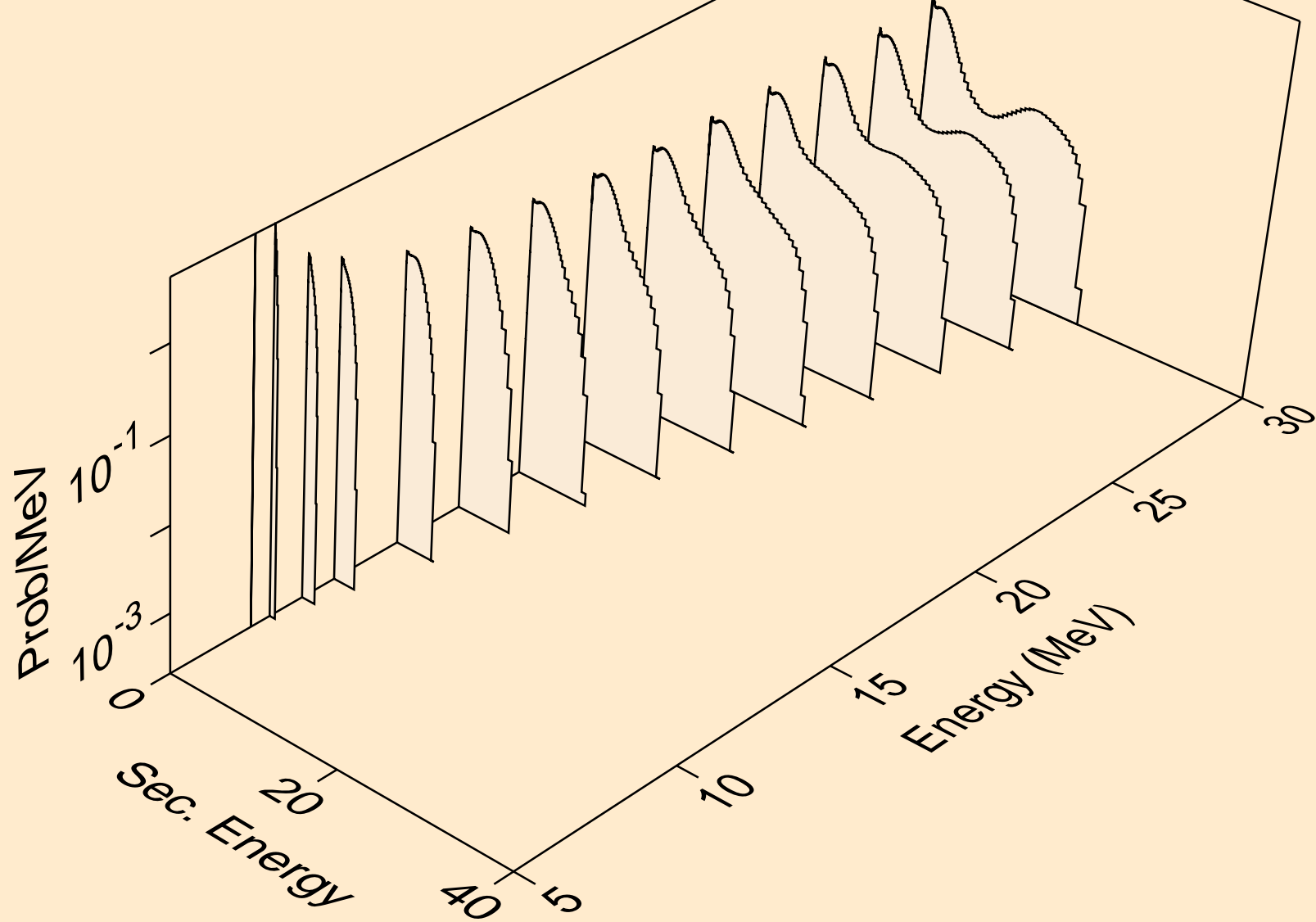
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neutrons from (a,2nd)



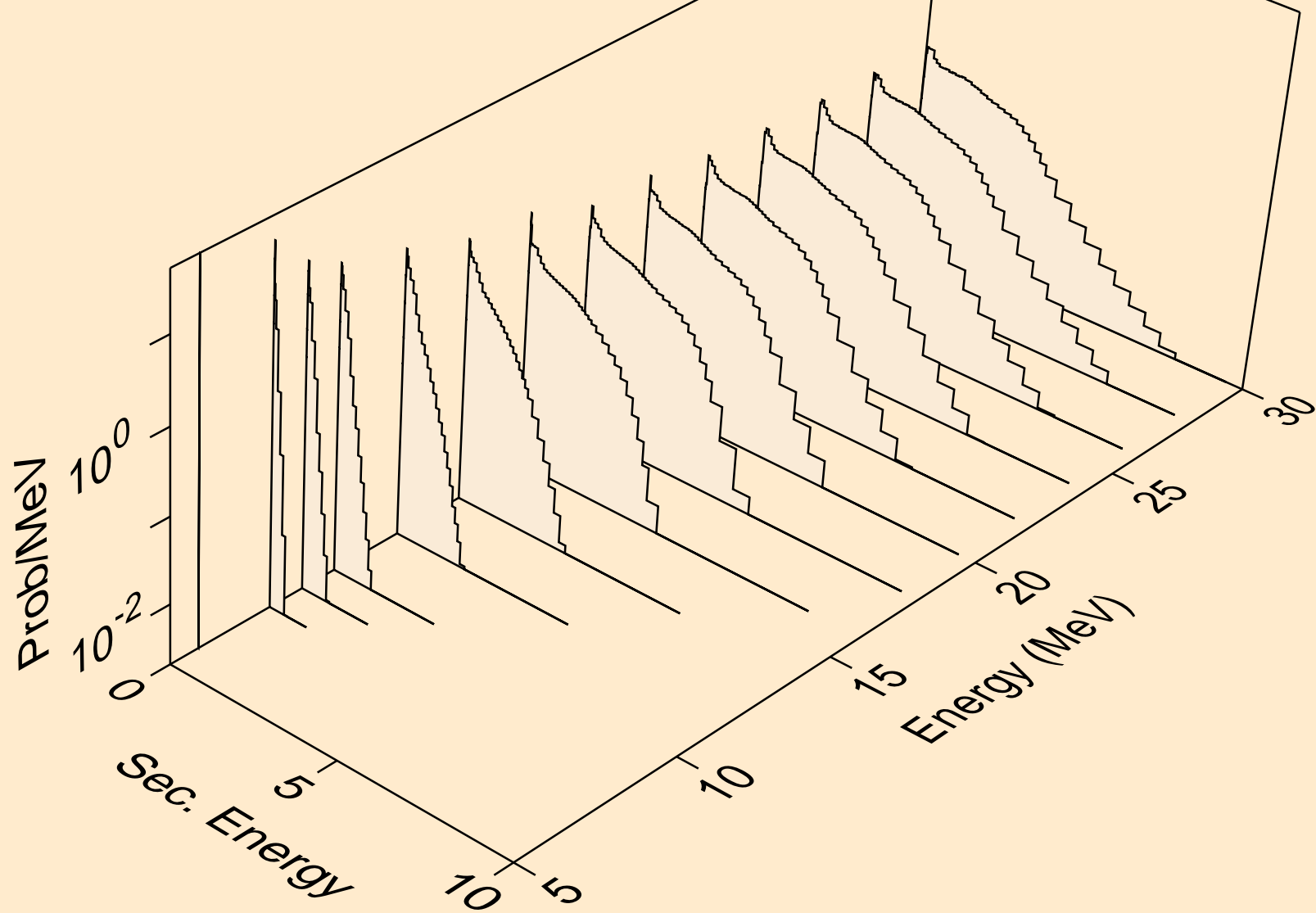
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



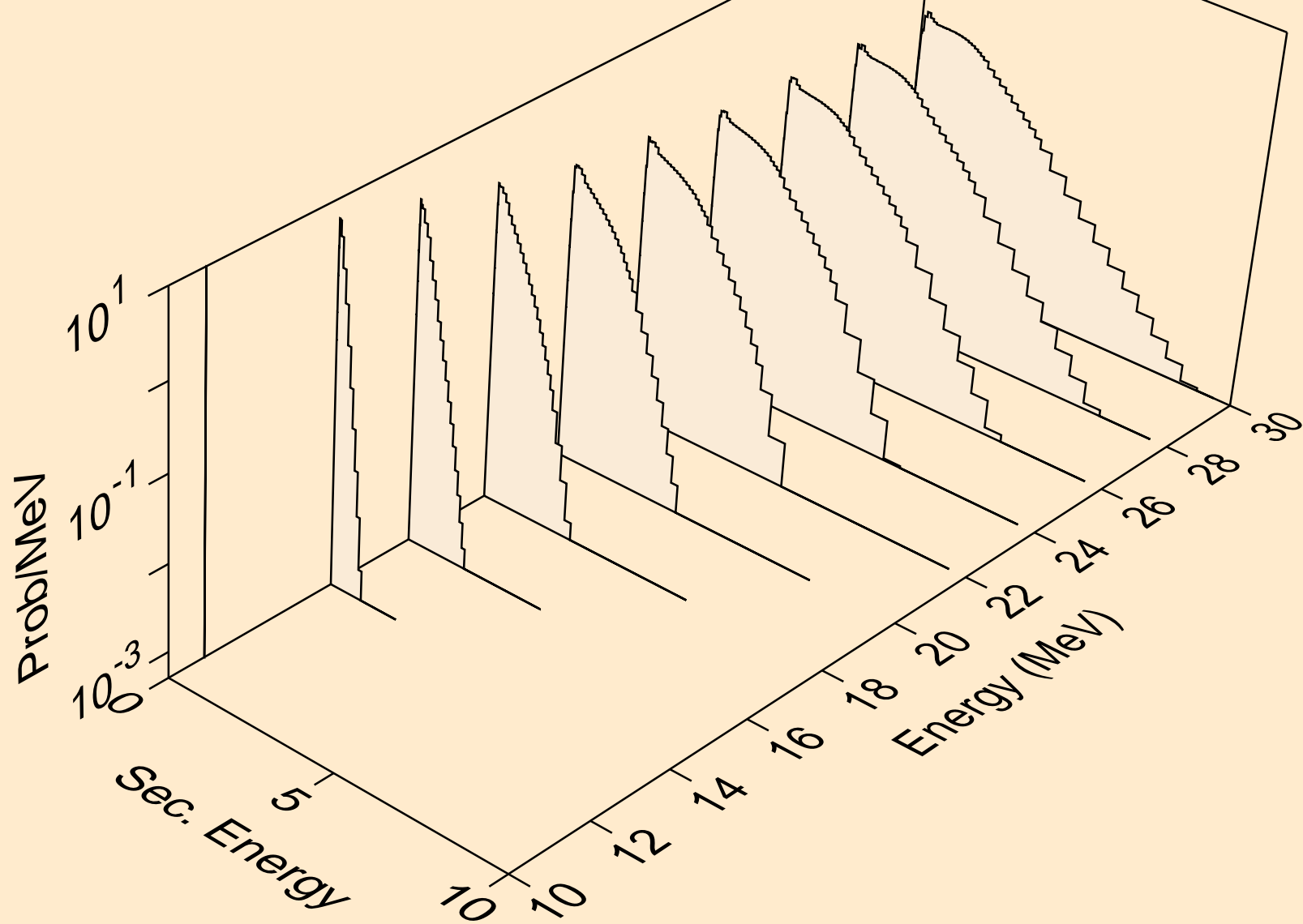
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

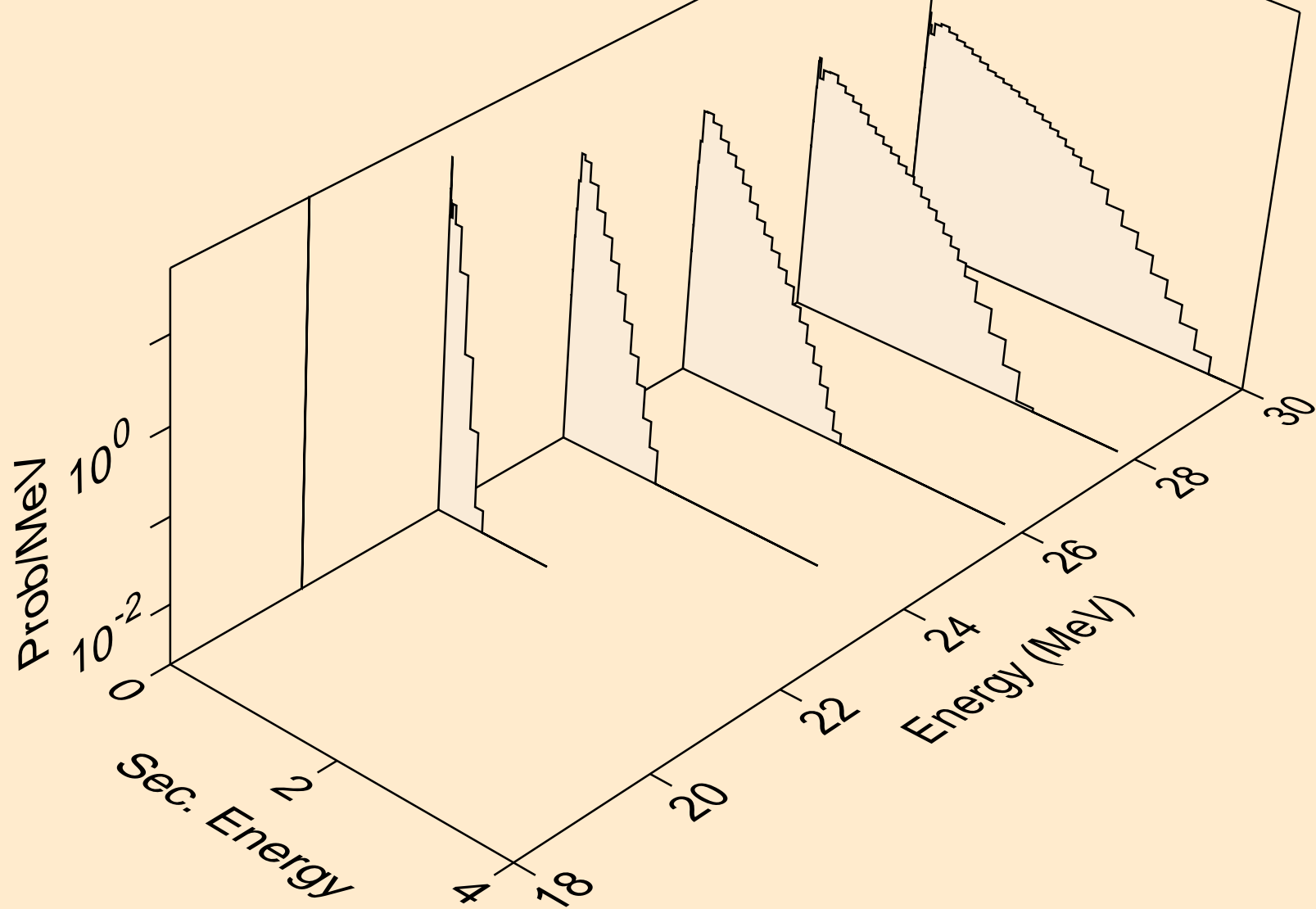


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neutrons from (a,2n)a

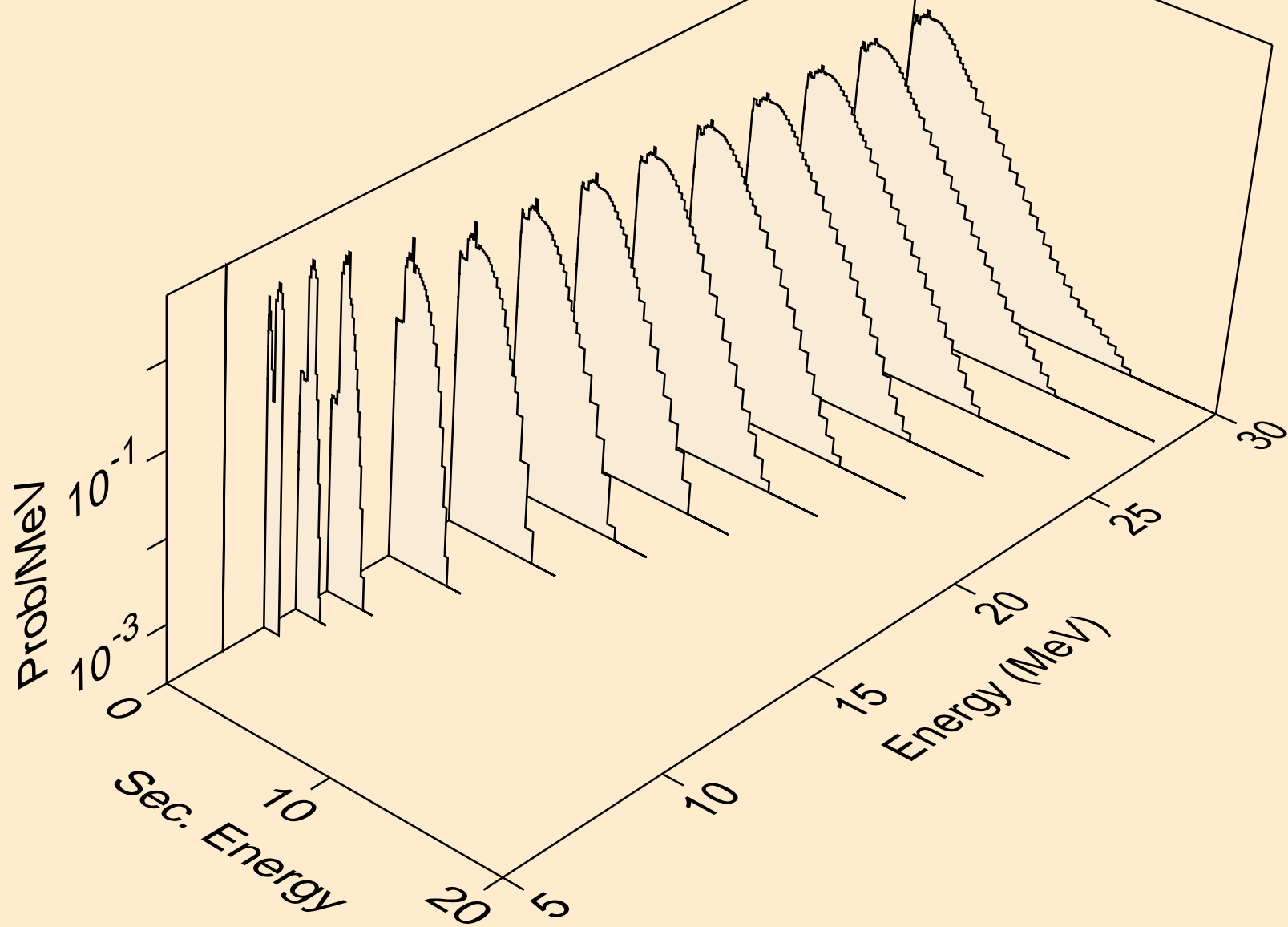




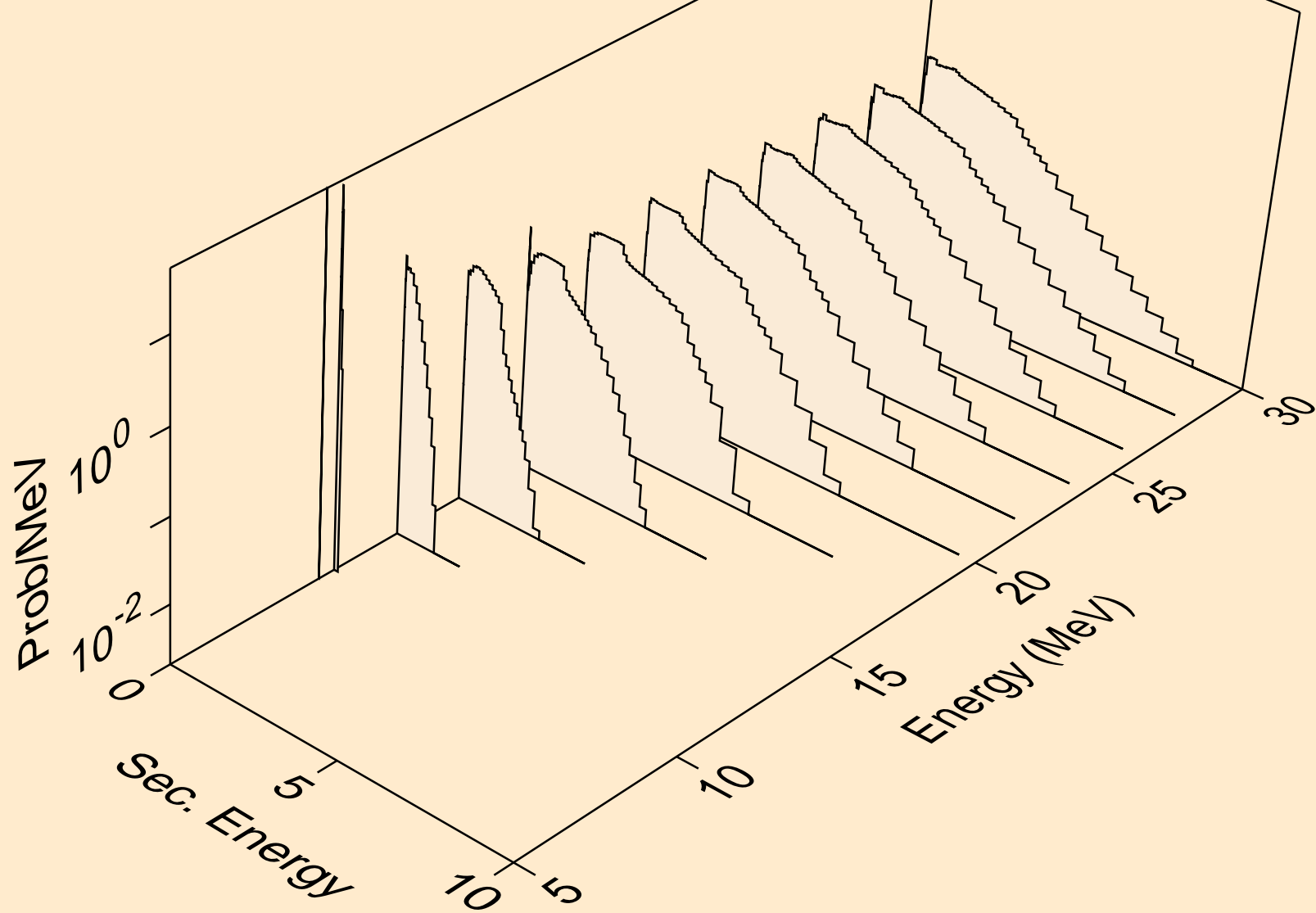
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



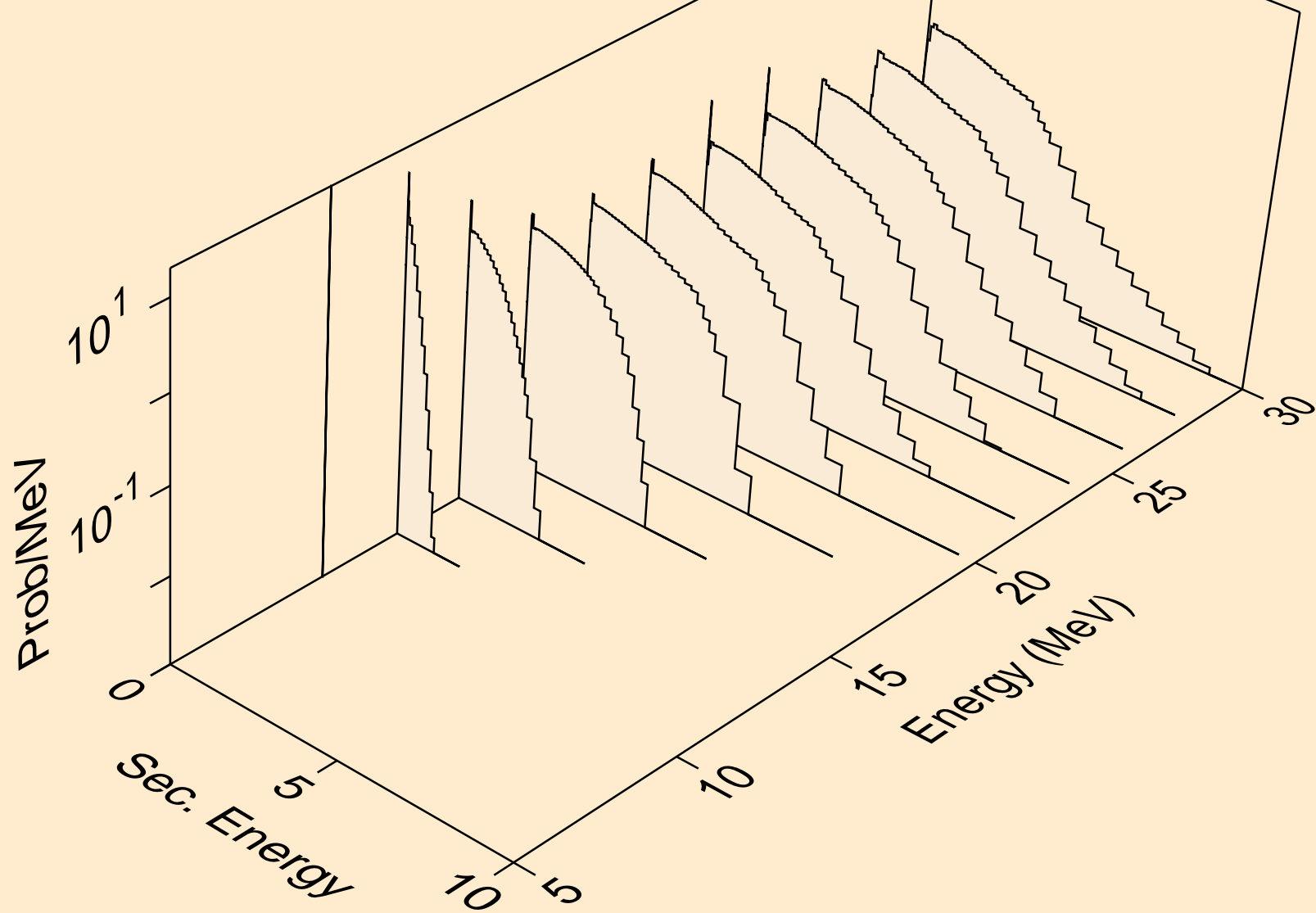
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



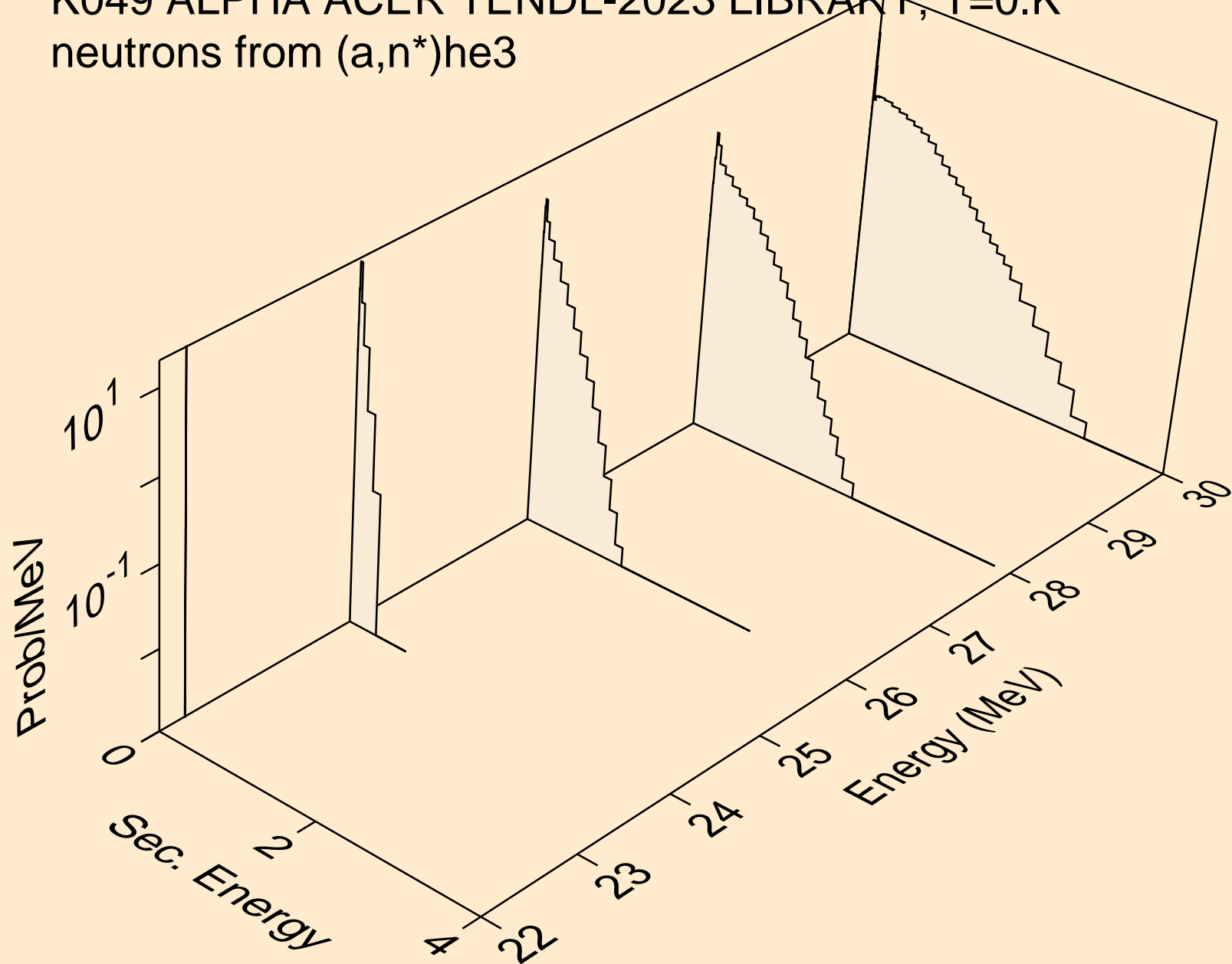
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neutrons from (a,n\*)d



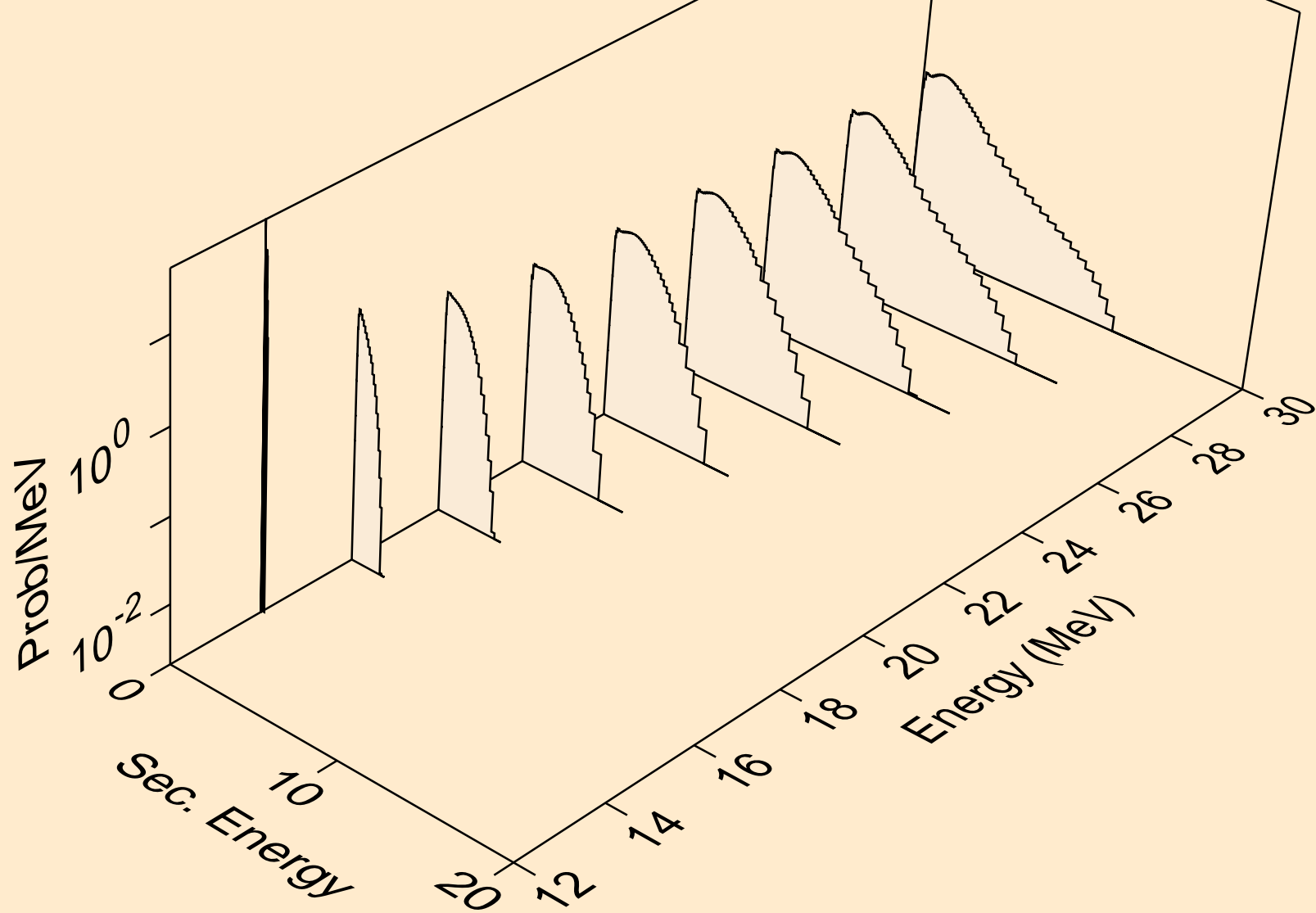
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neutrons from (a,n\*)t



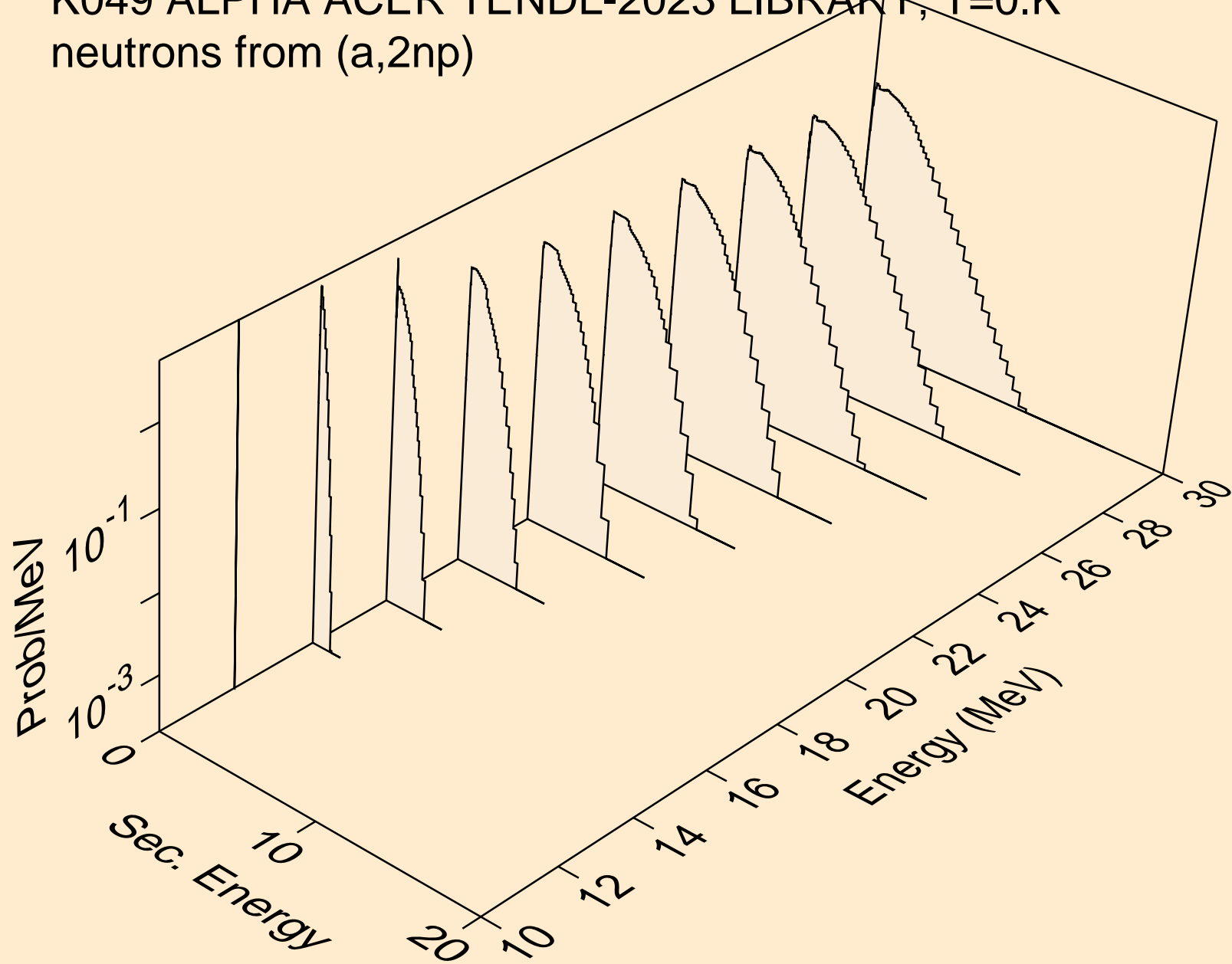
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



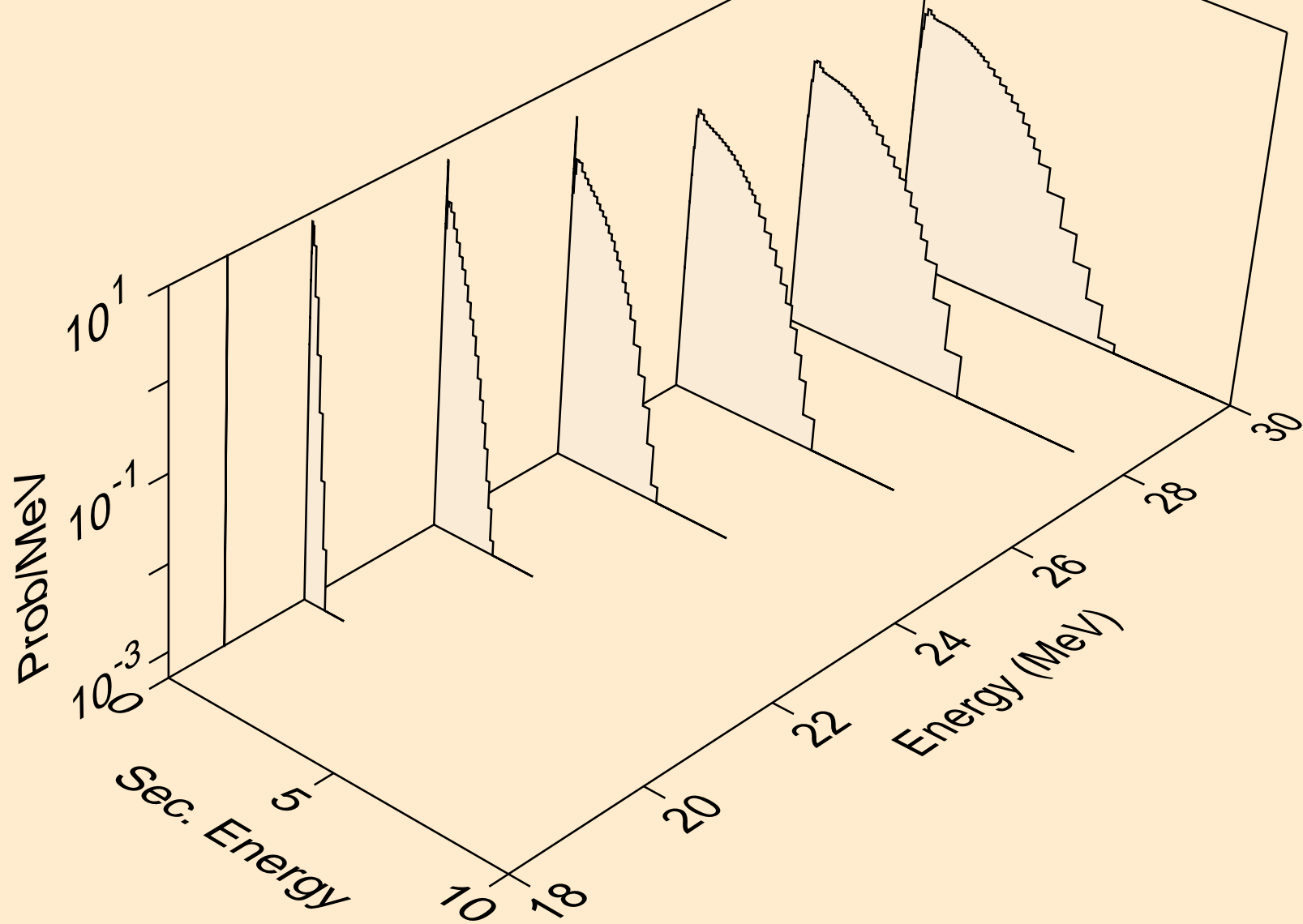
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)



K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

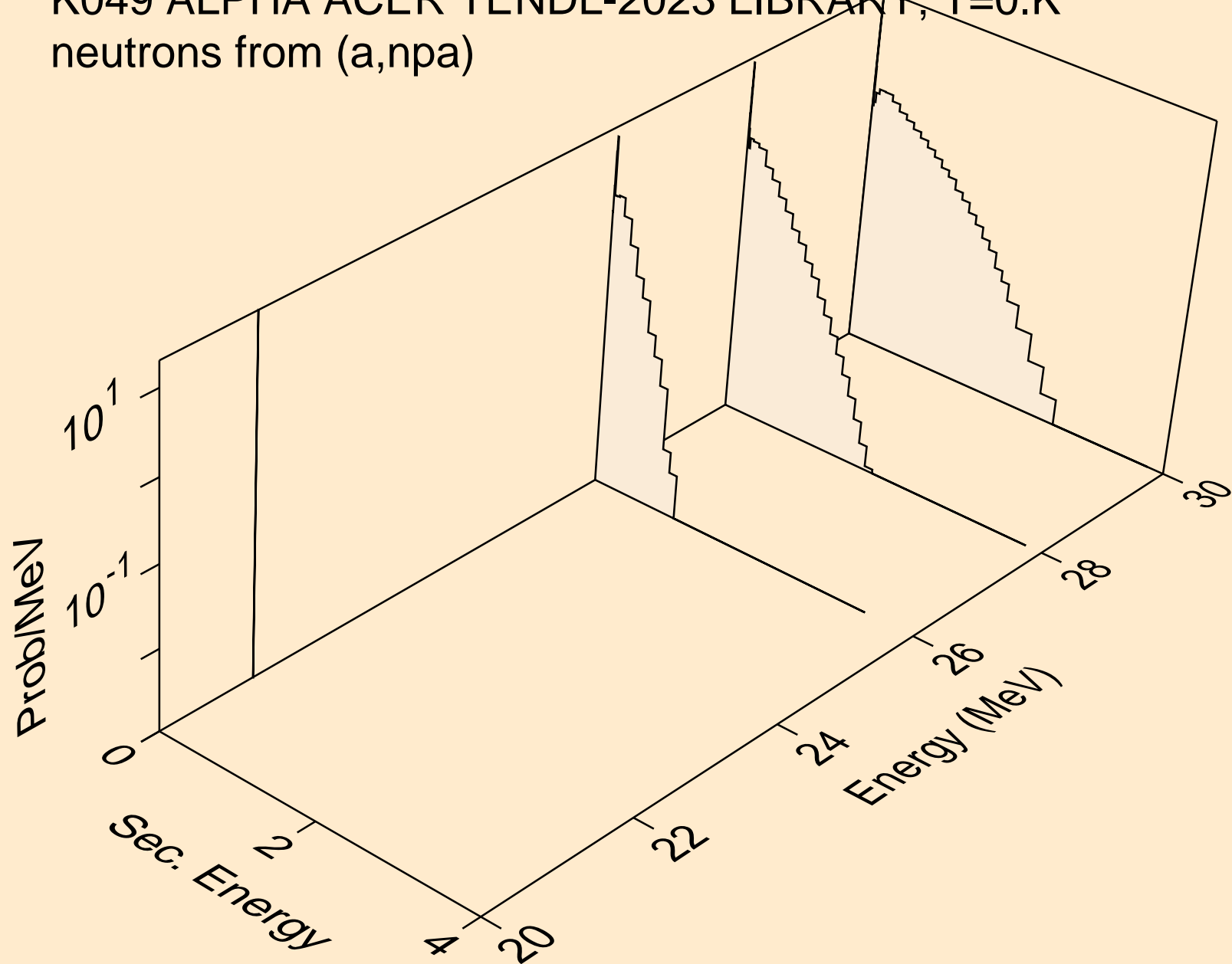


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neutrons from (a,3np)

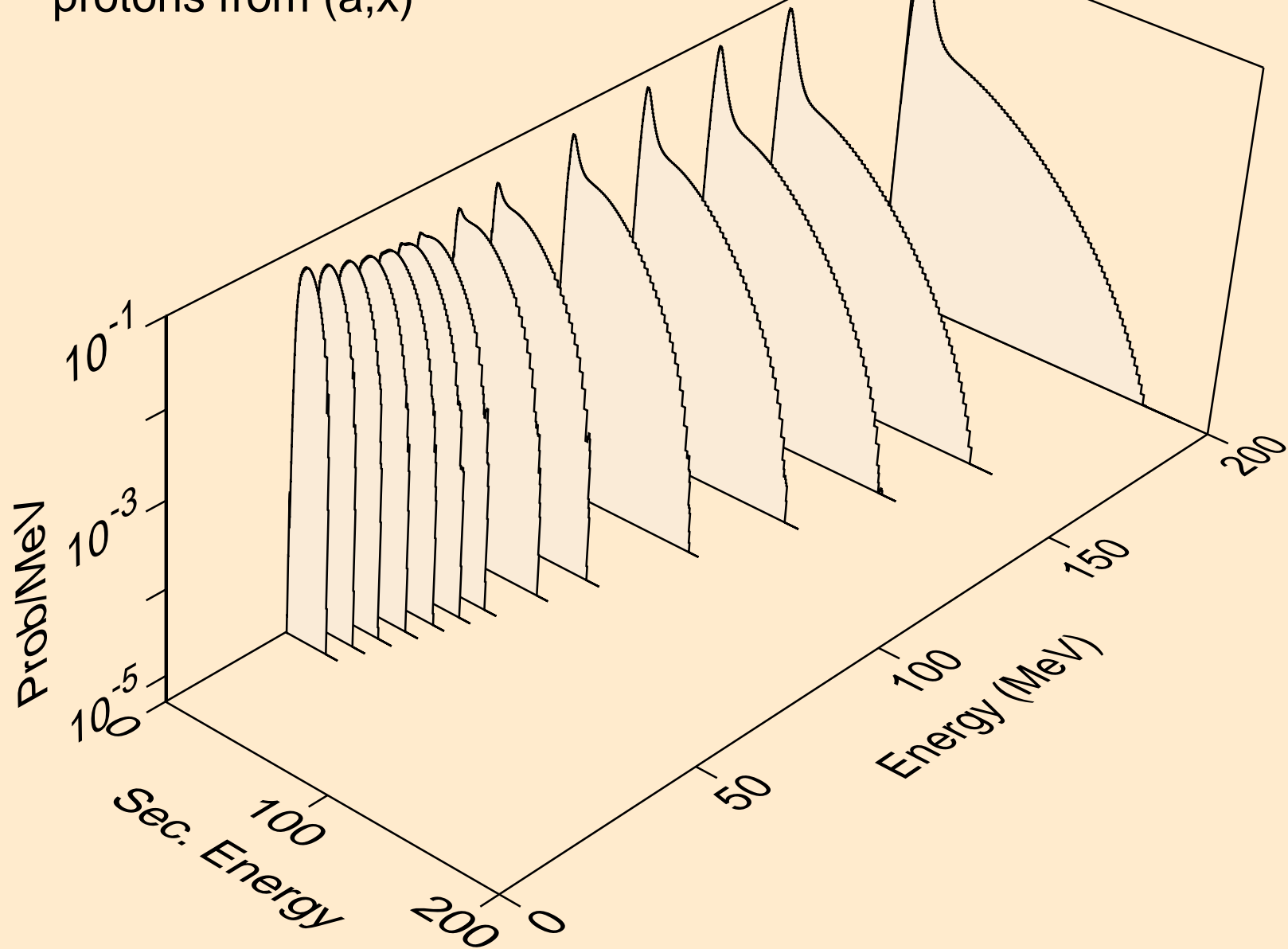




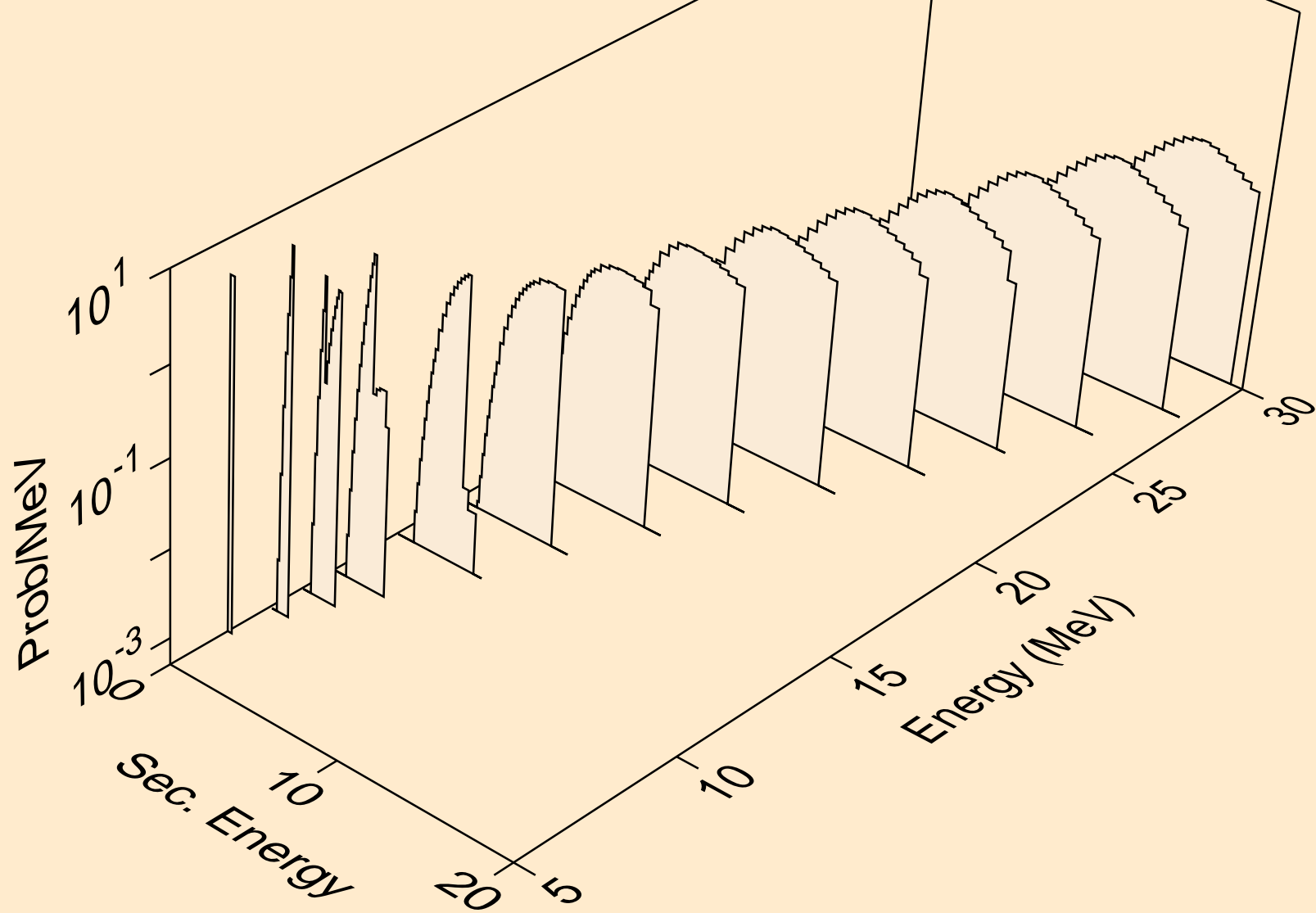
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neutrons from (a,npa)



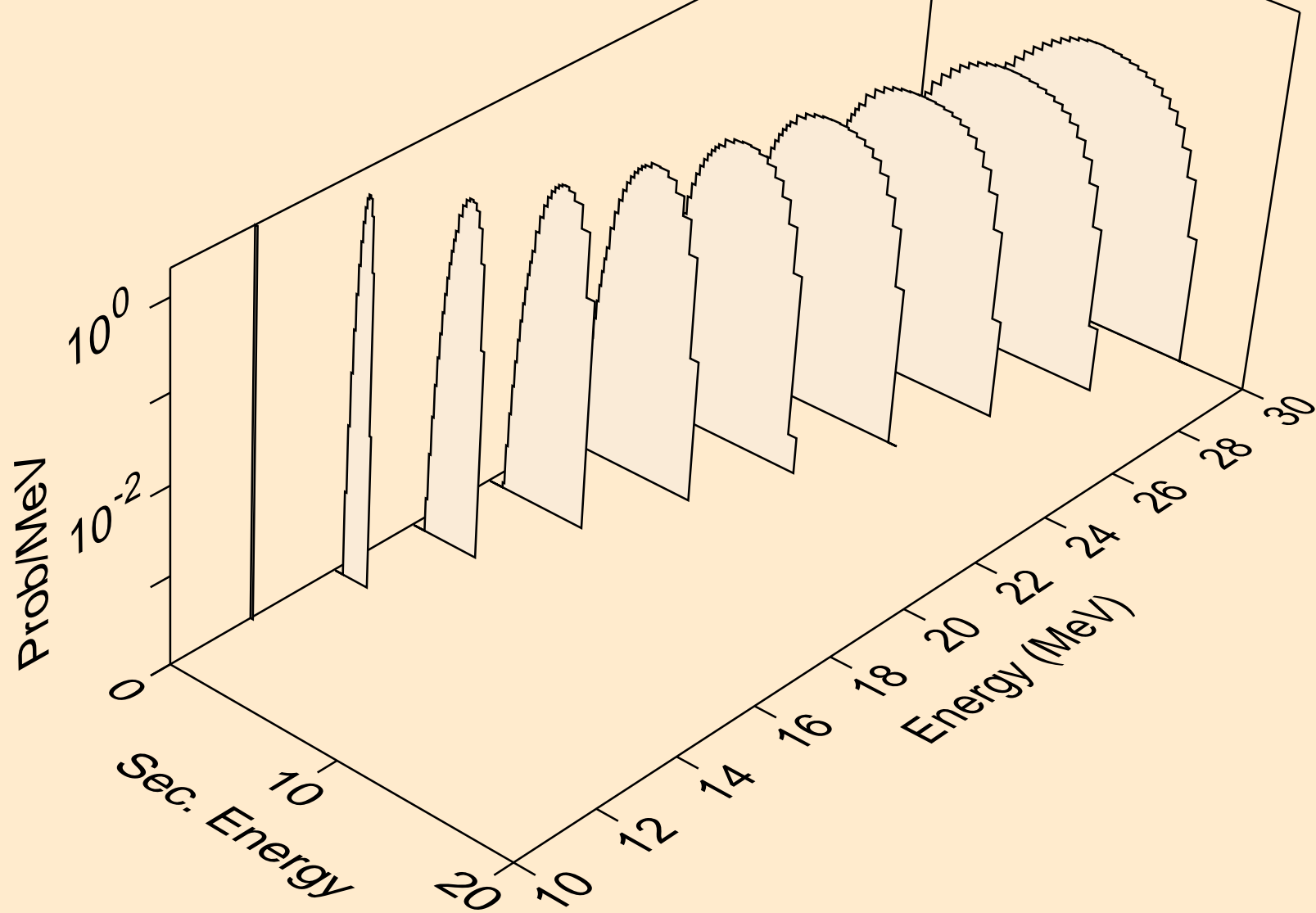
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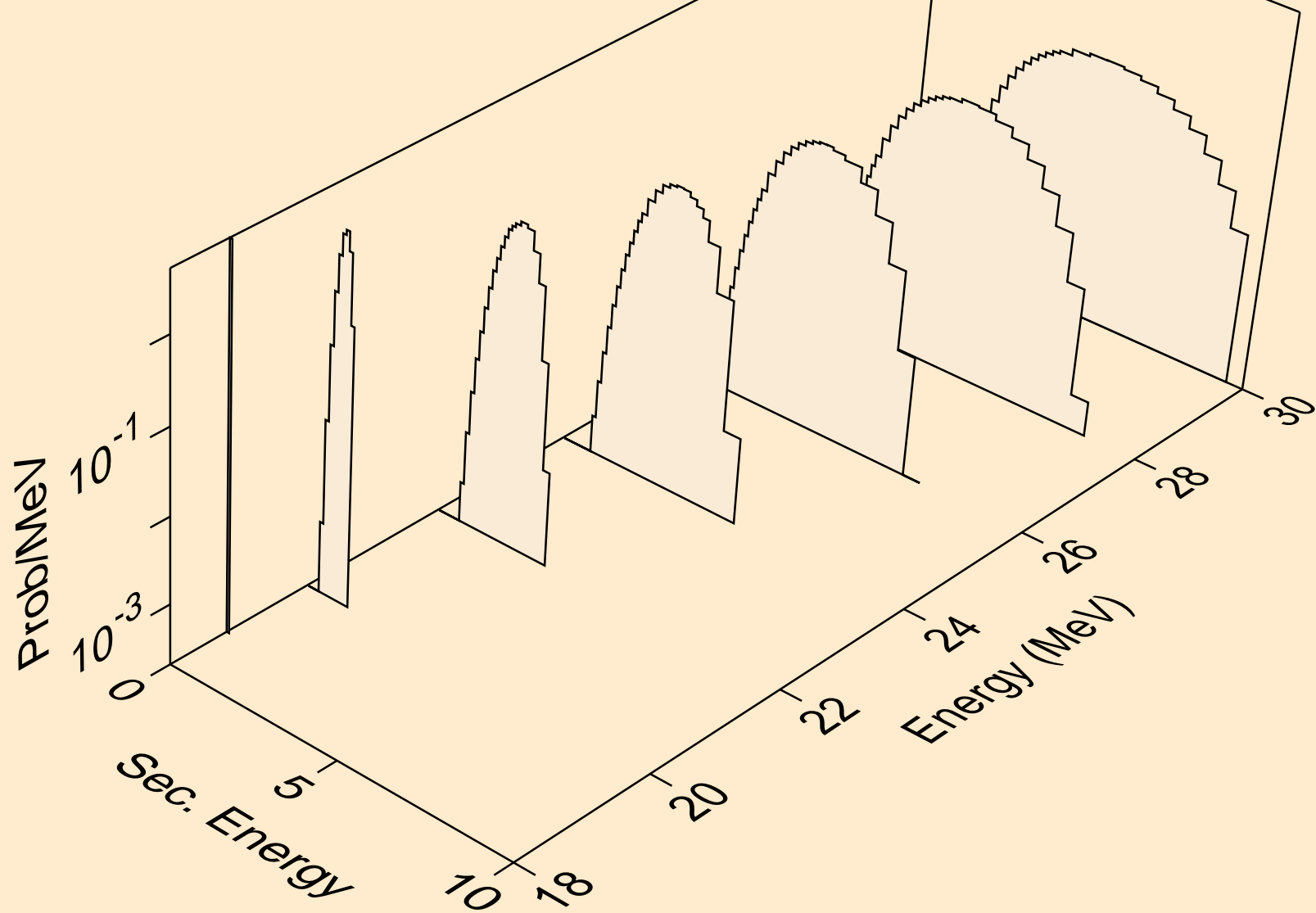
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



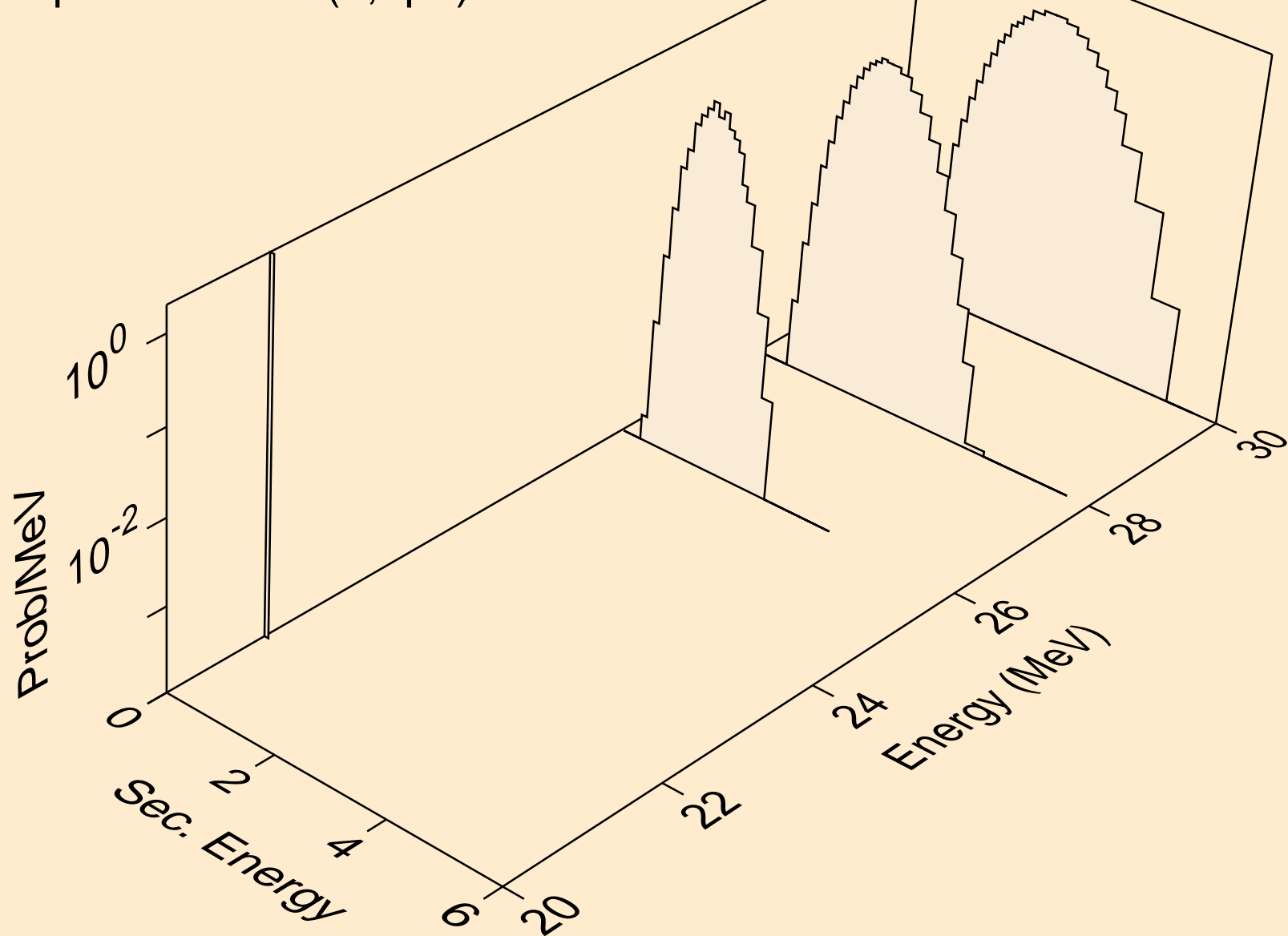
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



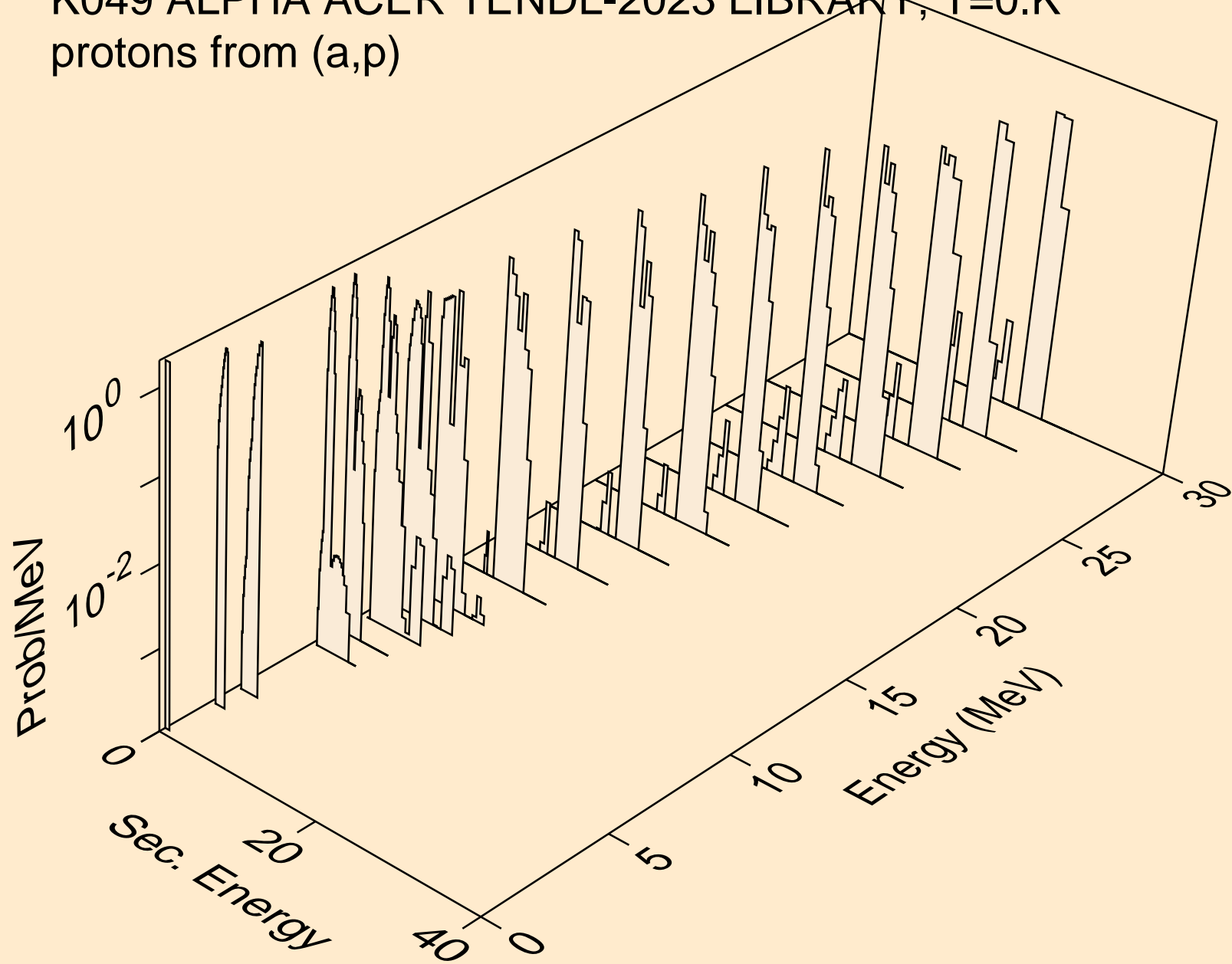
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protons from (a,3np)



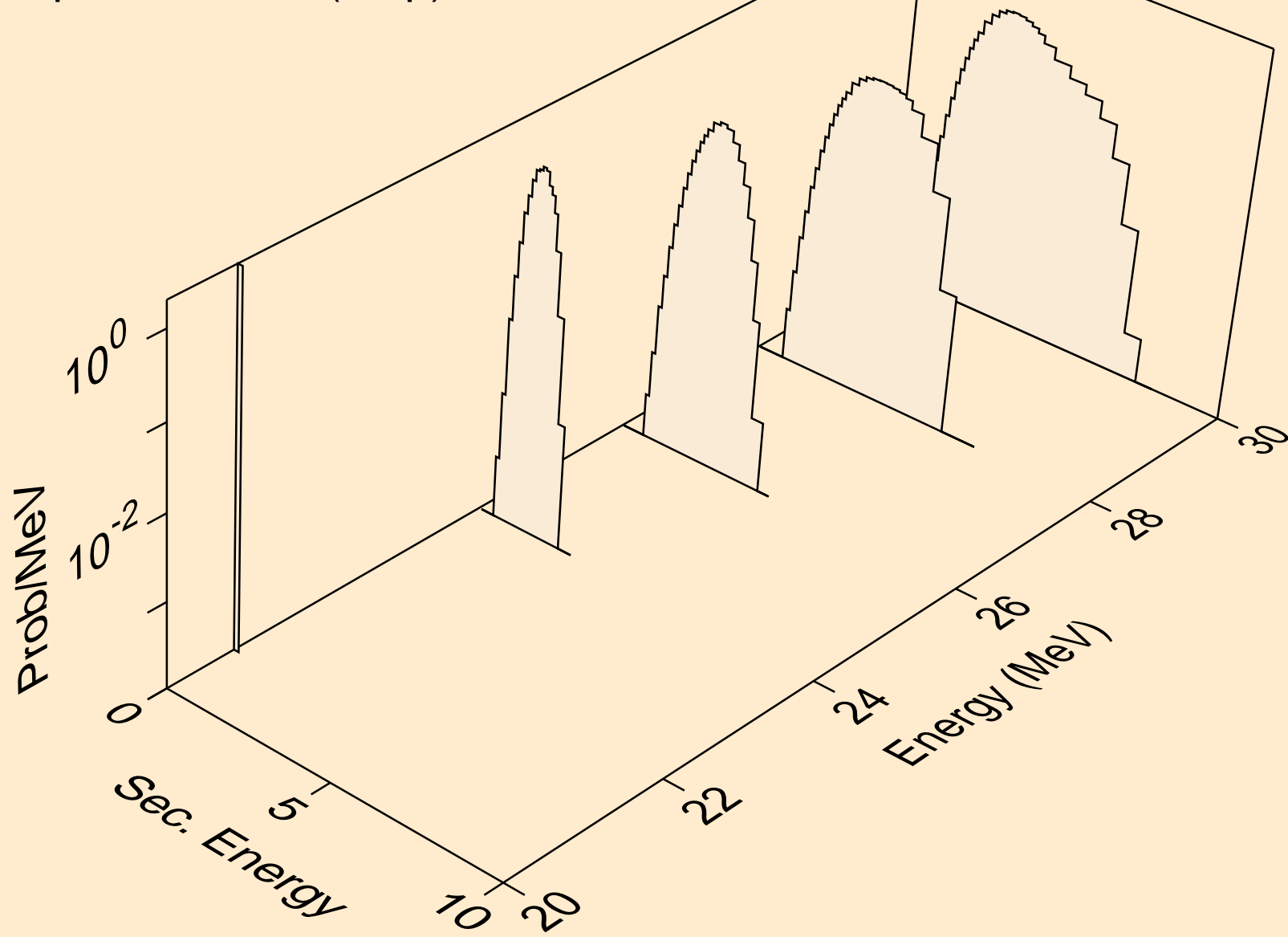
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)

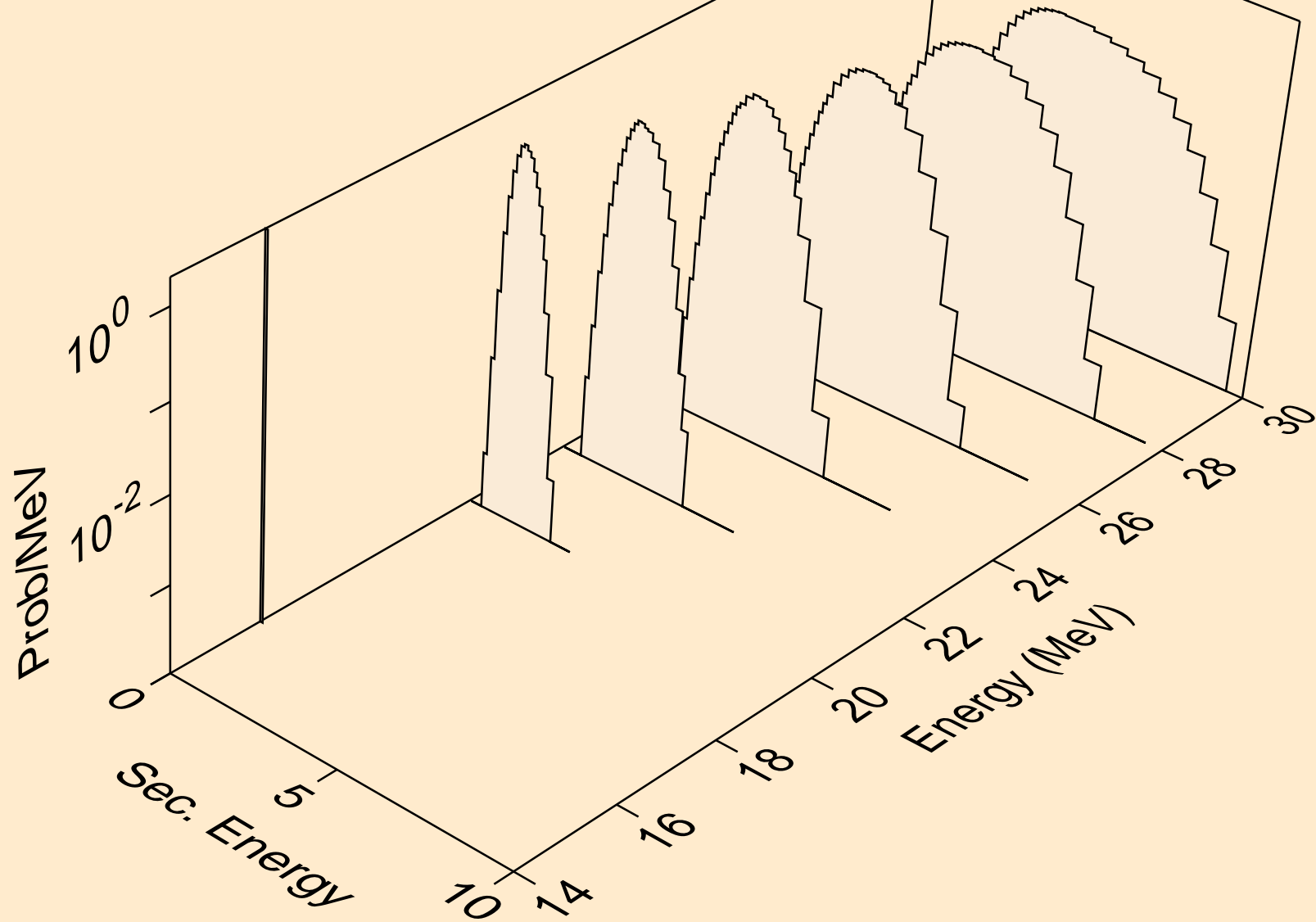


K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)

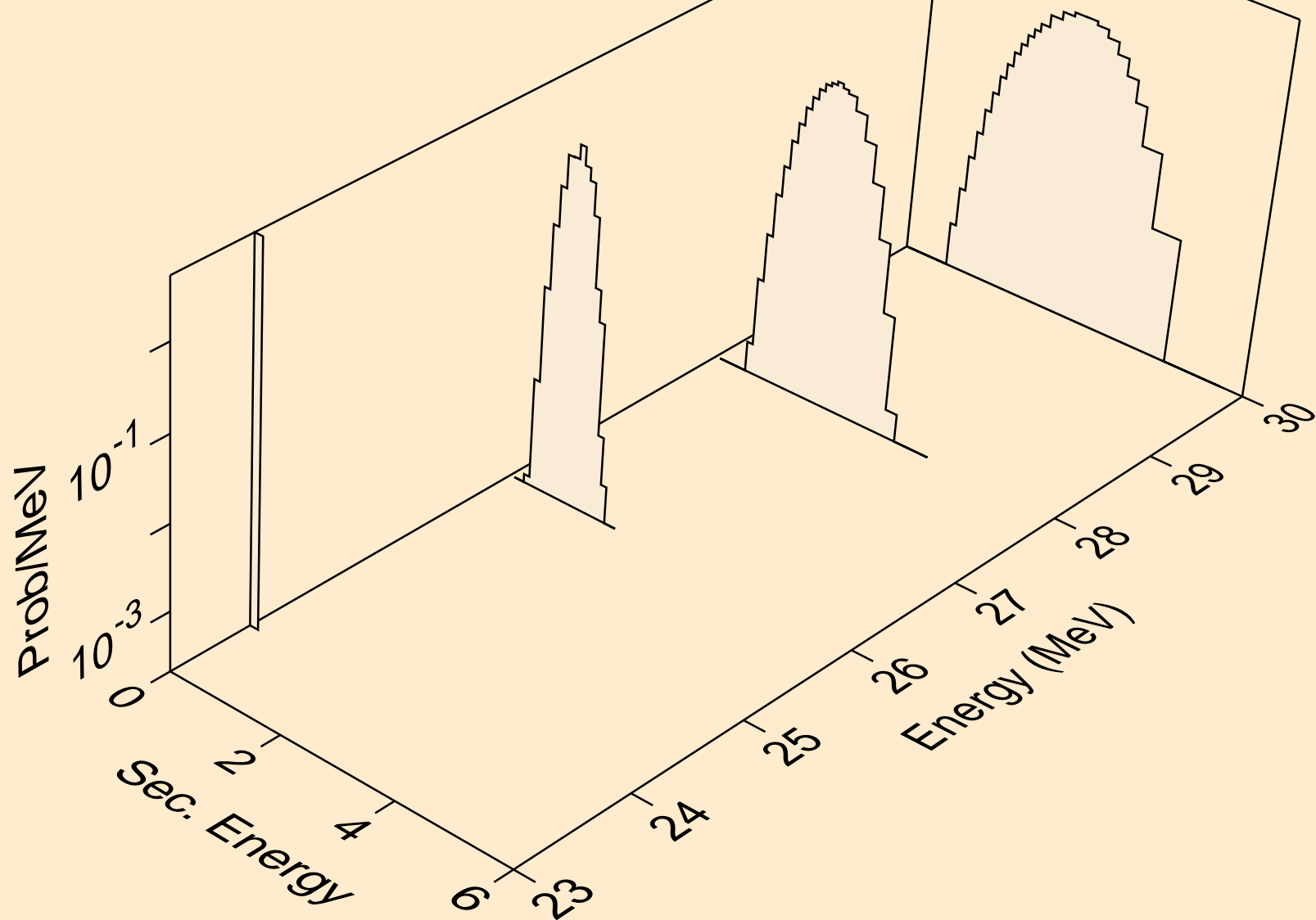




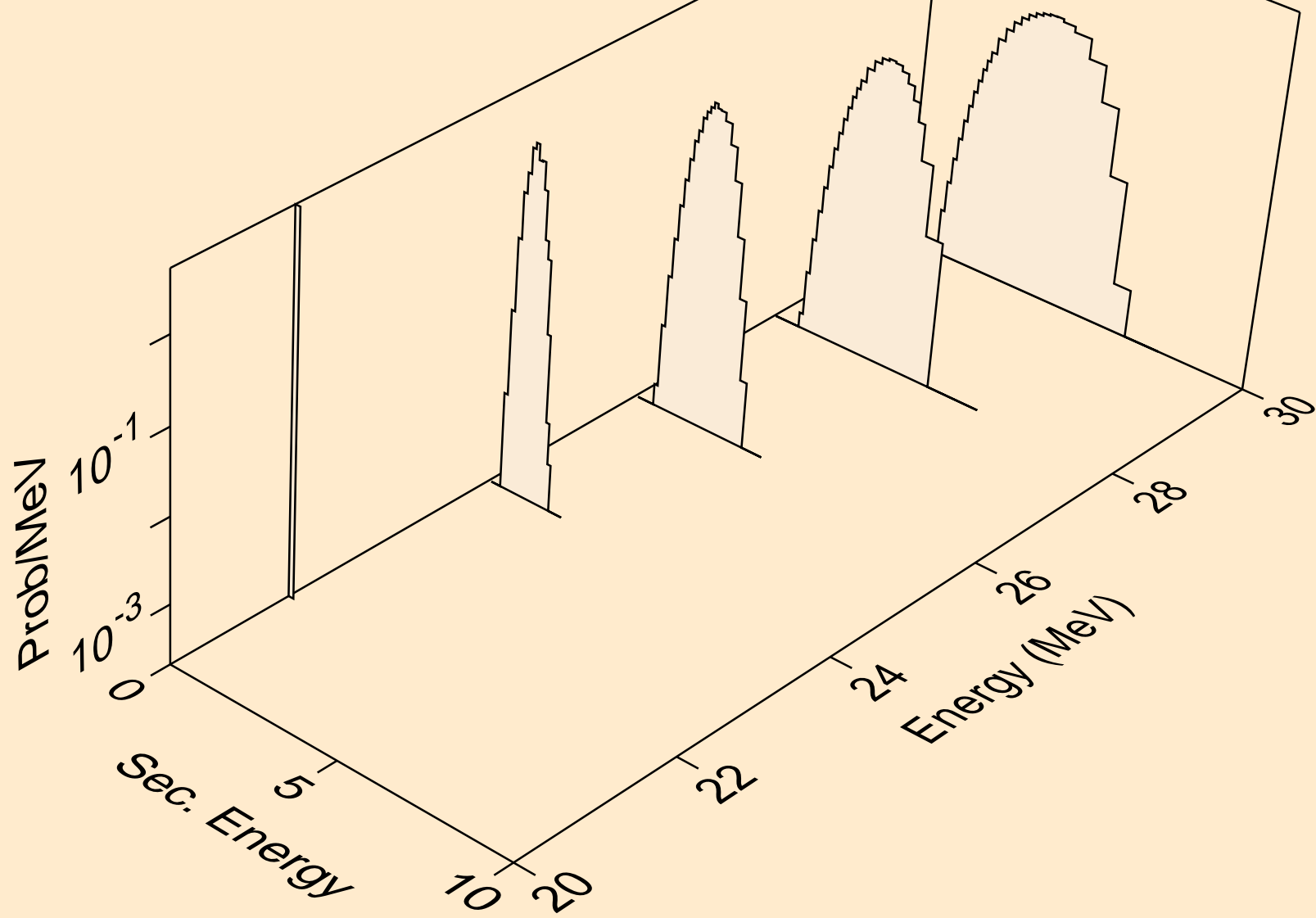
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



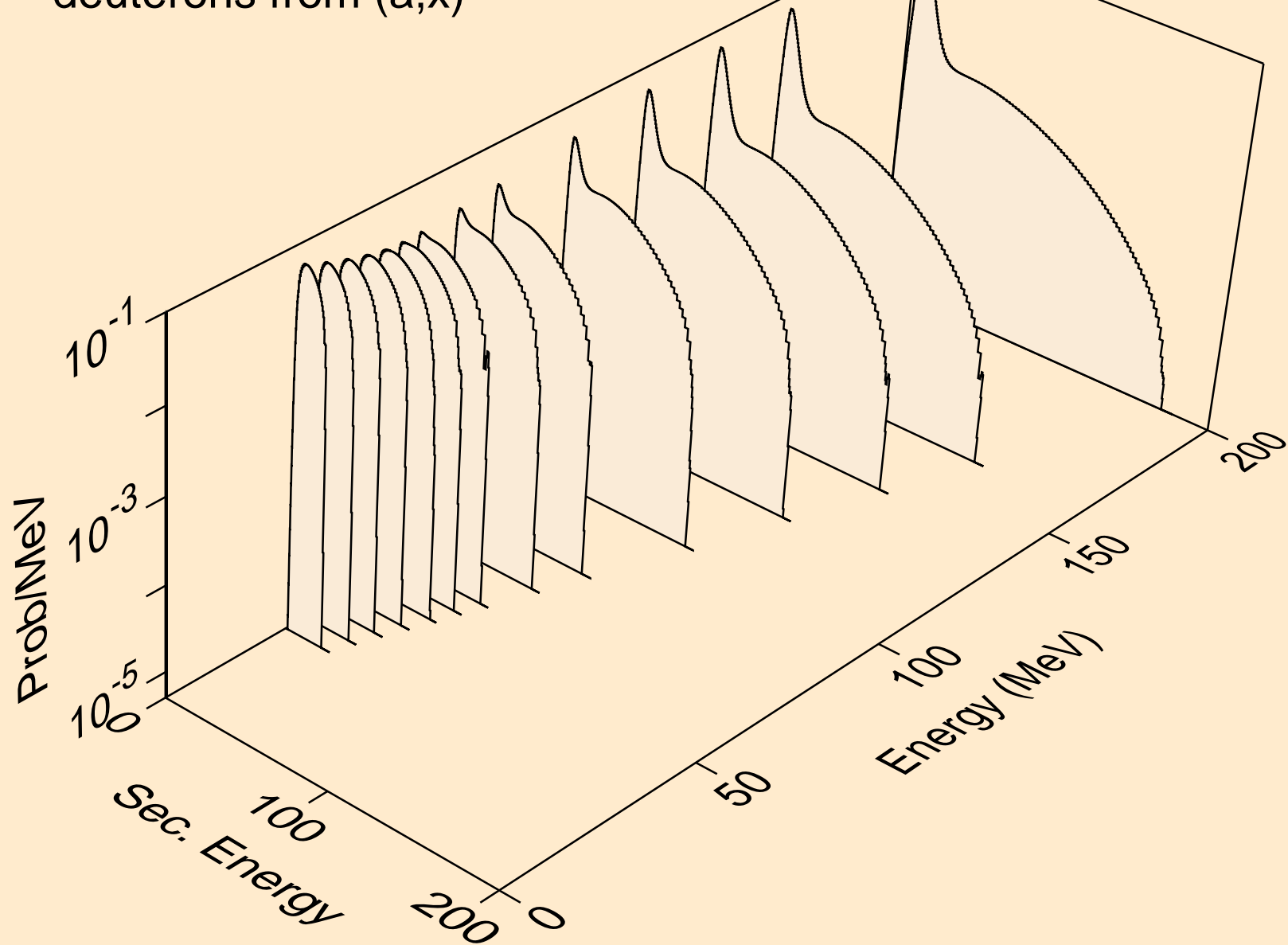
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protons from (a,pd)



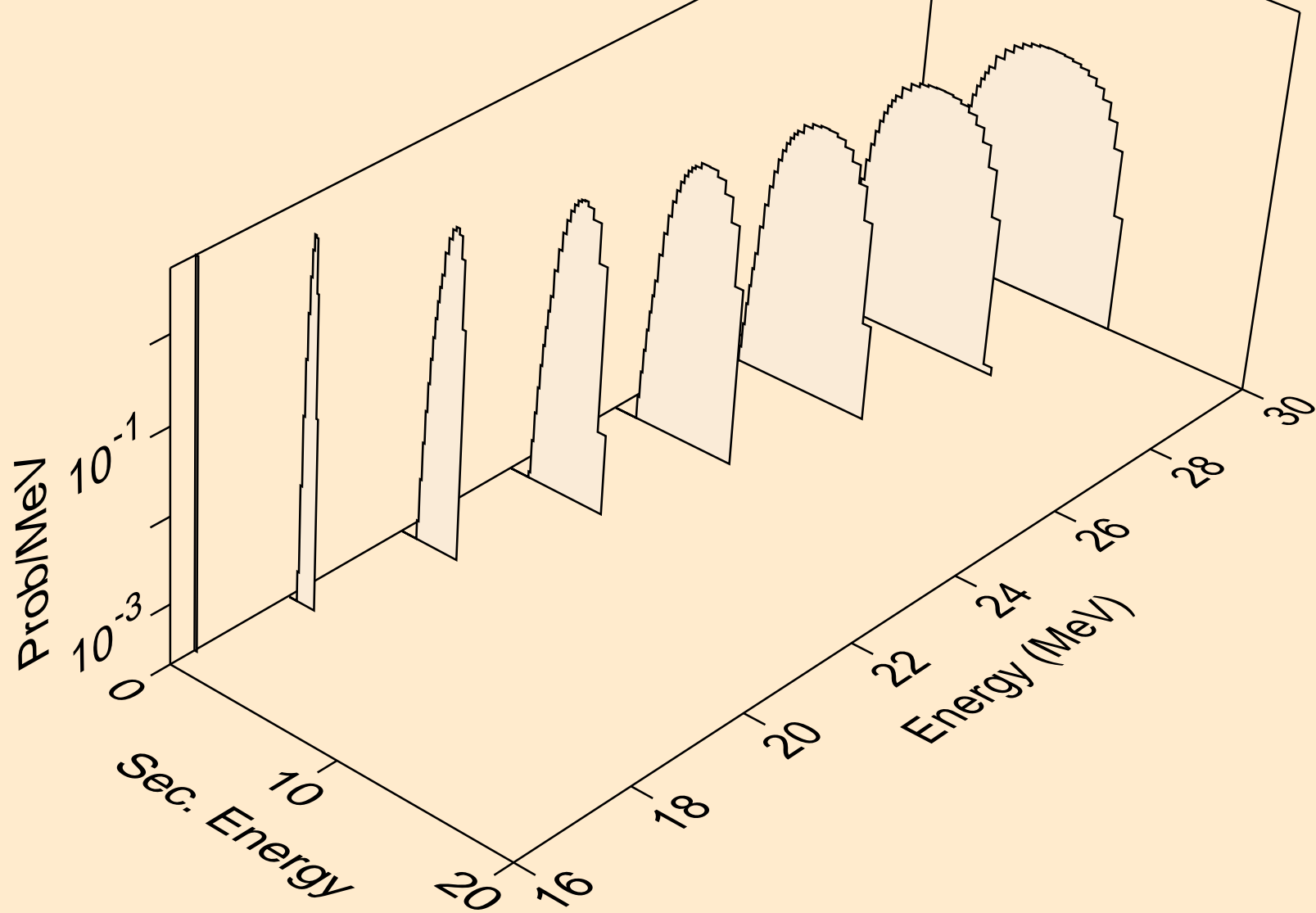
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protons from (a,pt)



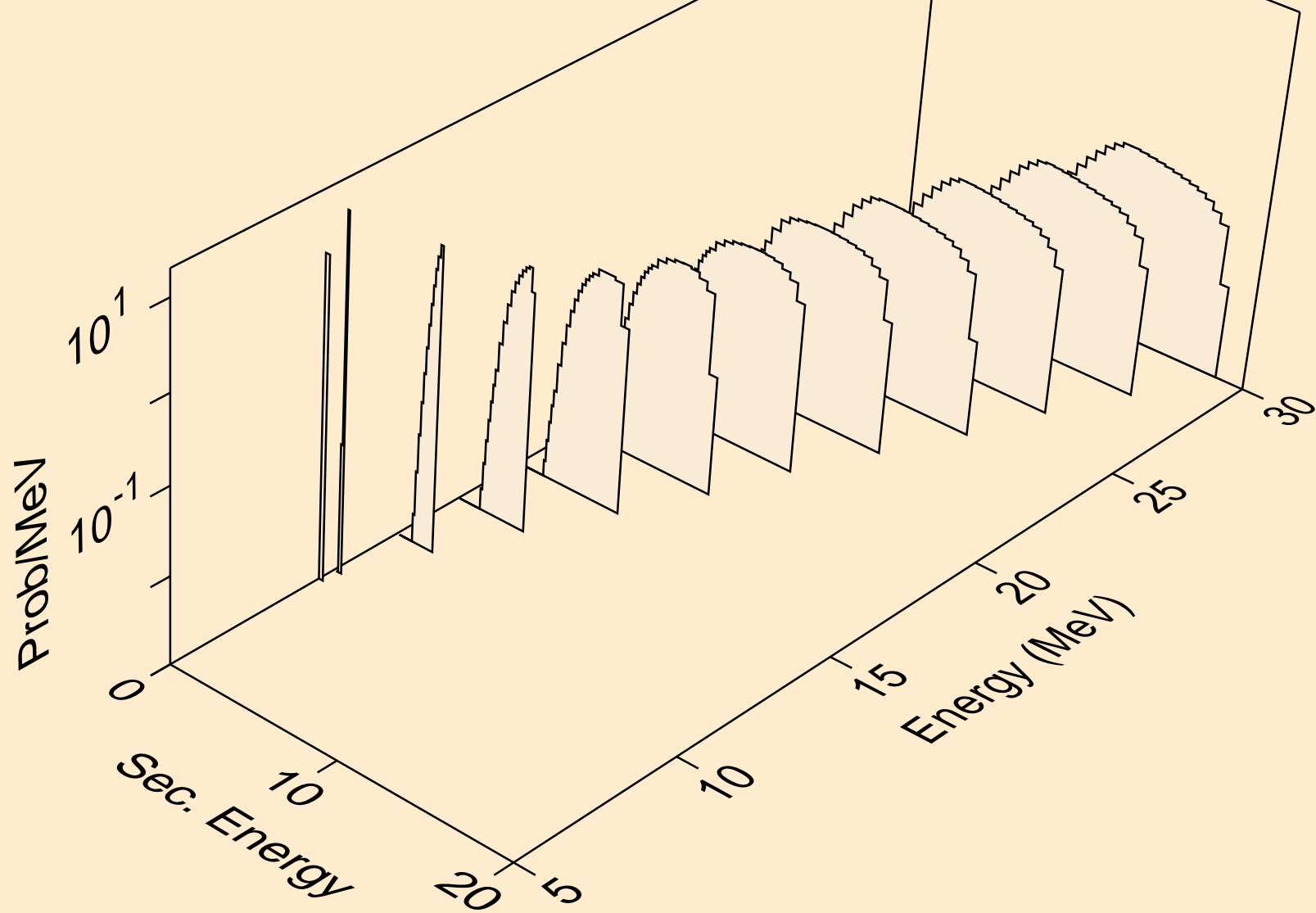
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



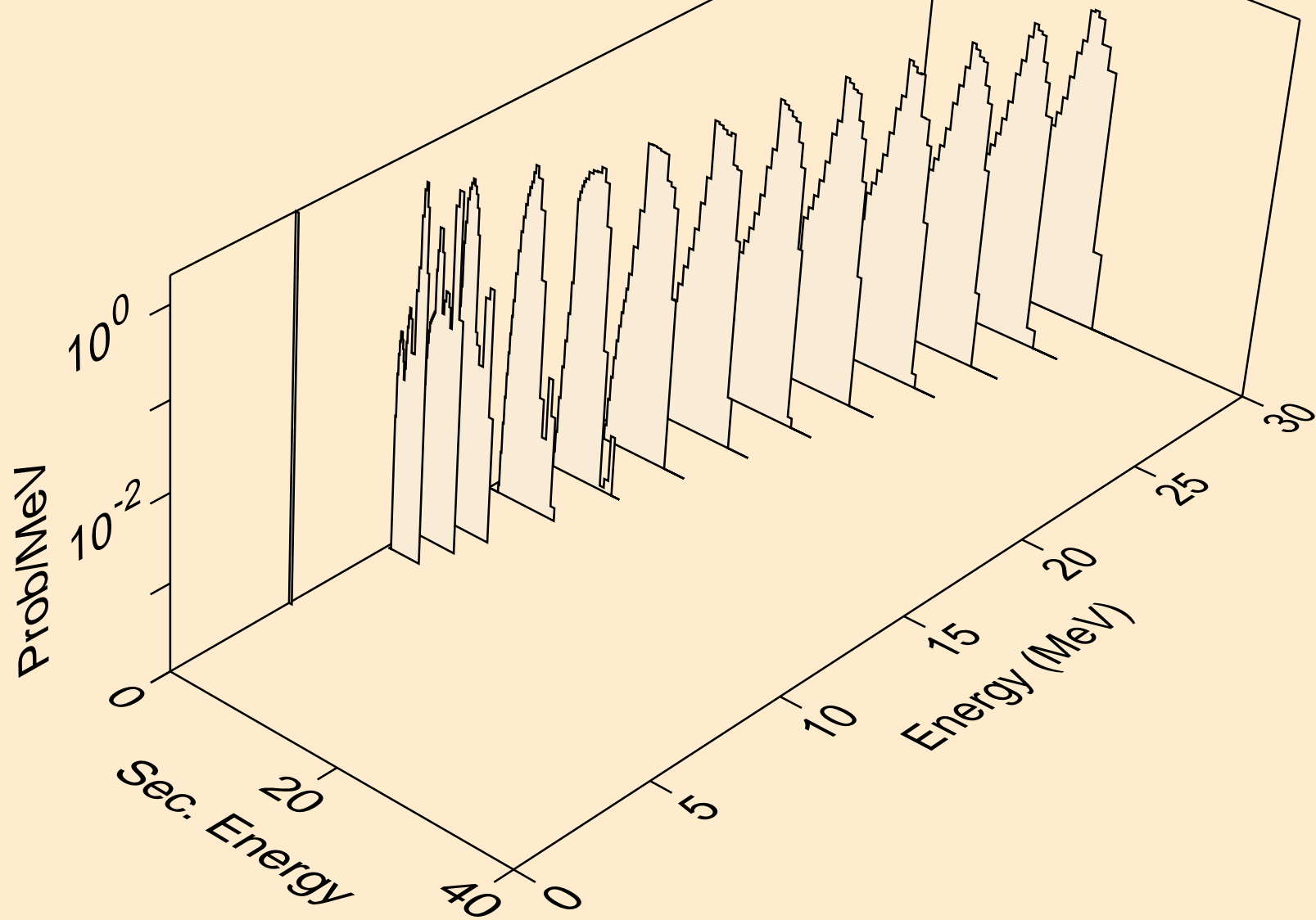
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deuterons from (a,2nd)



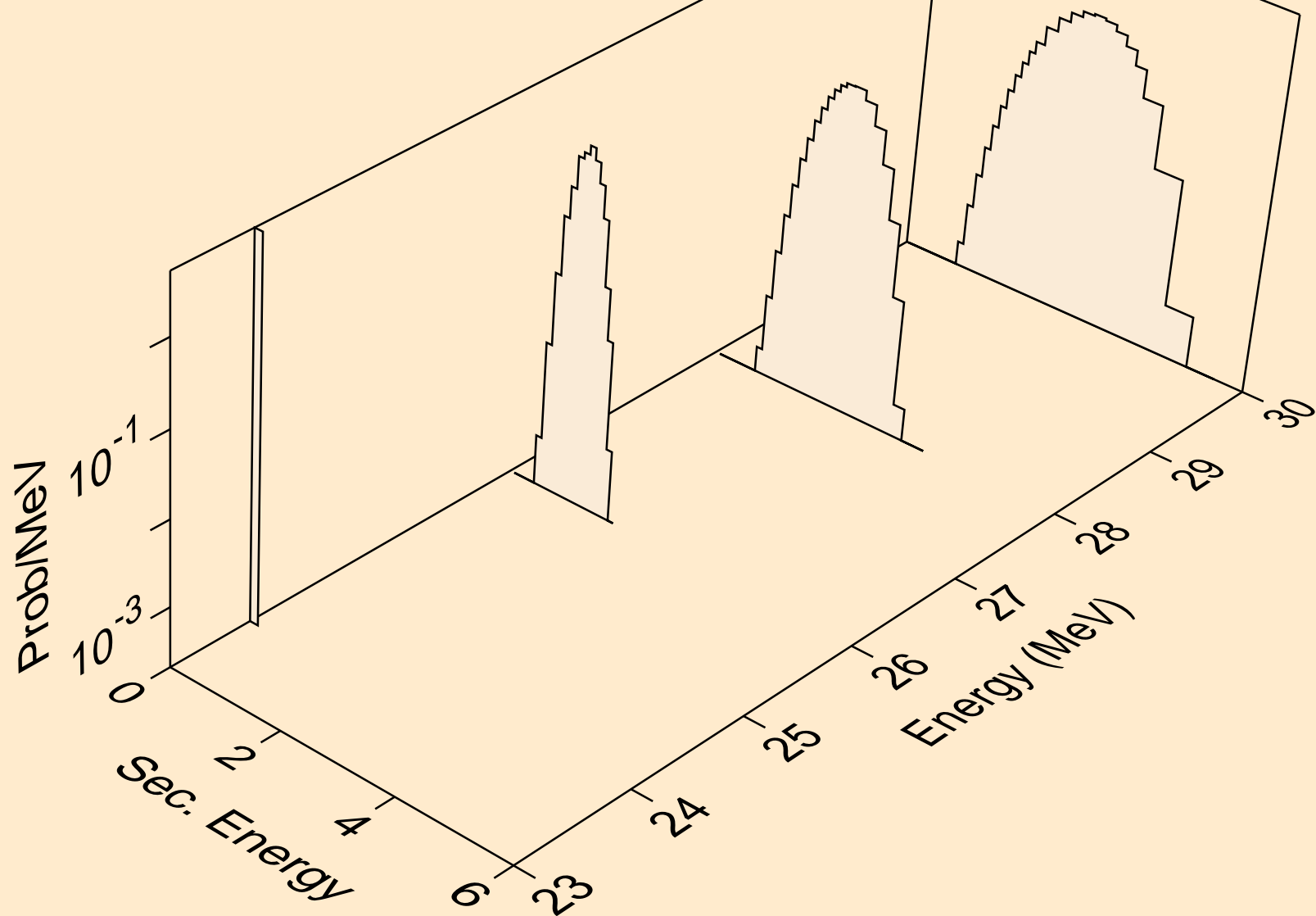
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

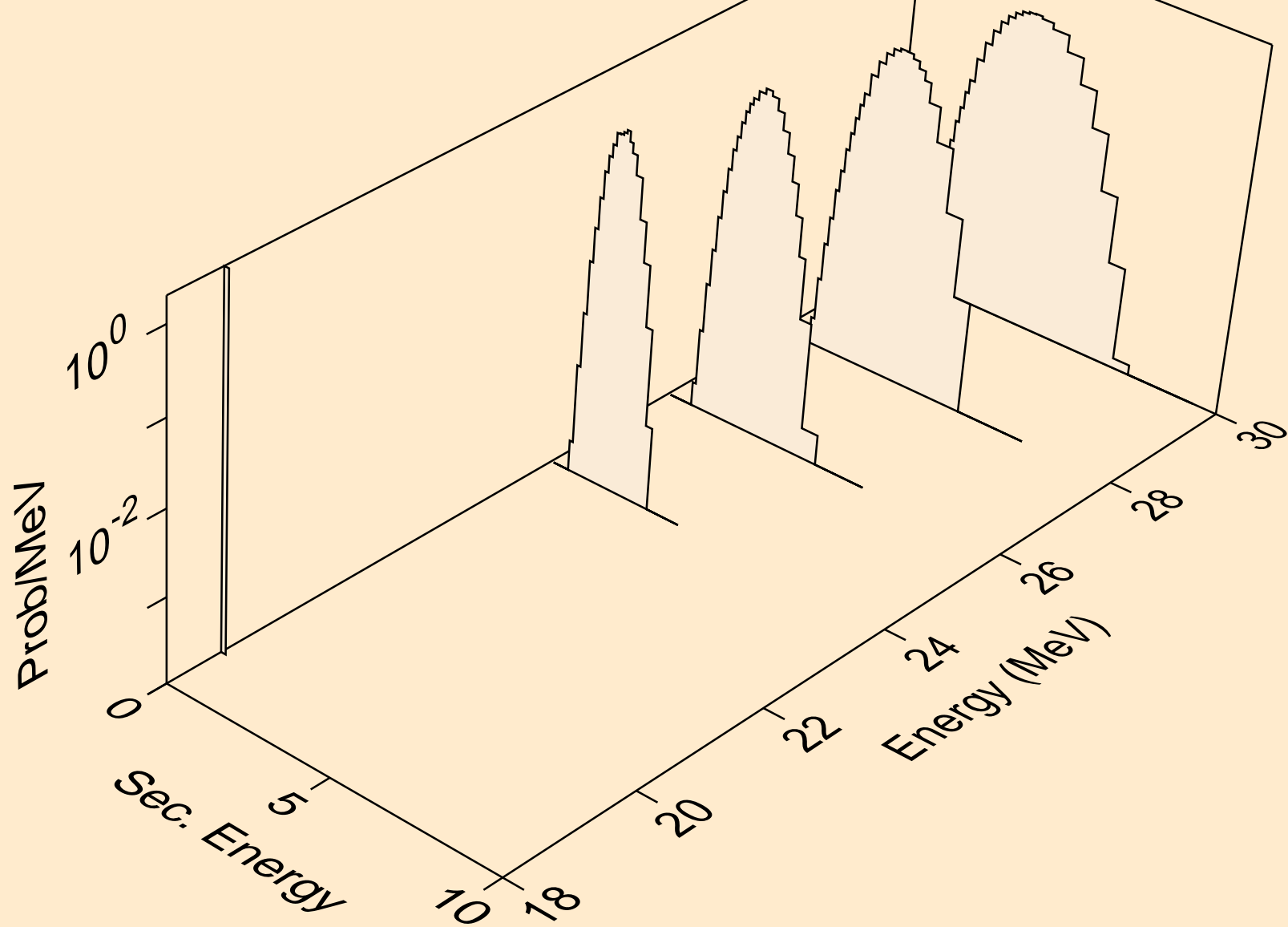


K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)

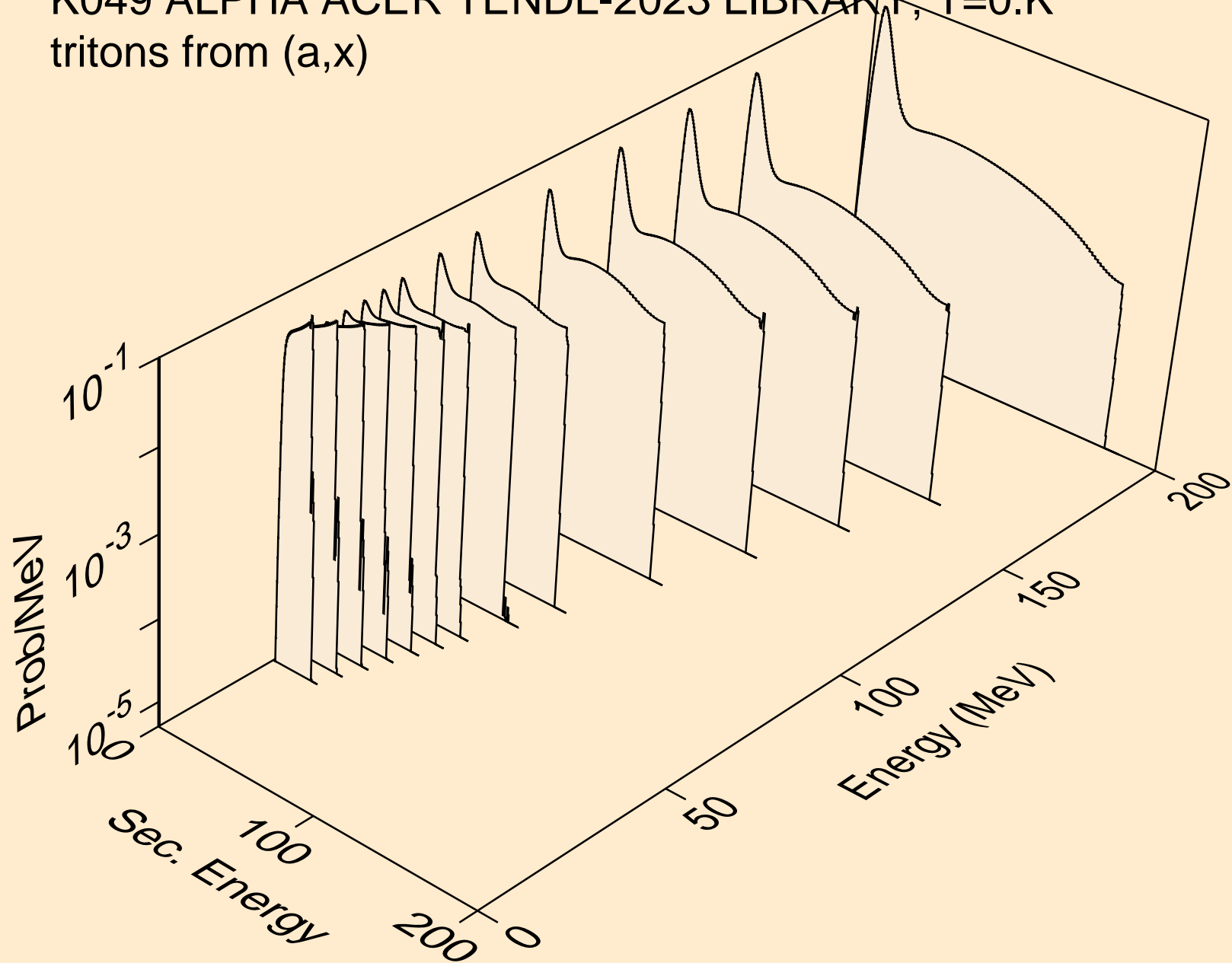




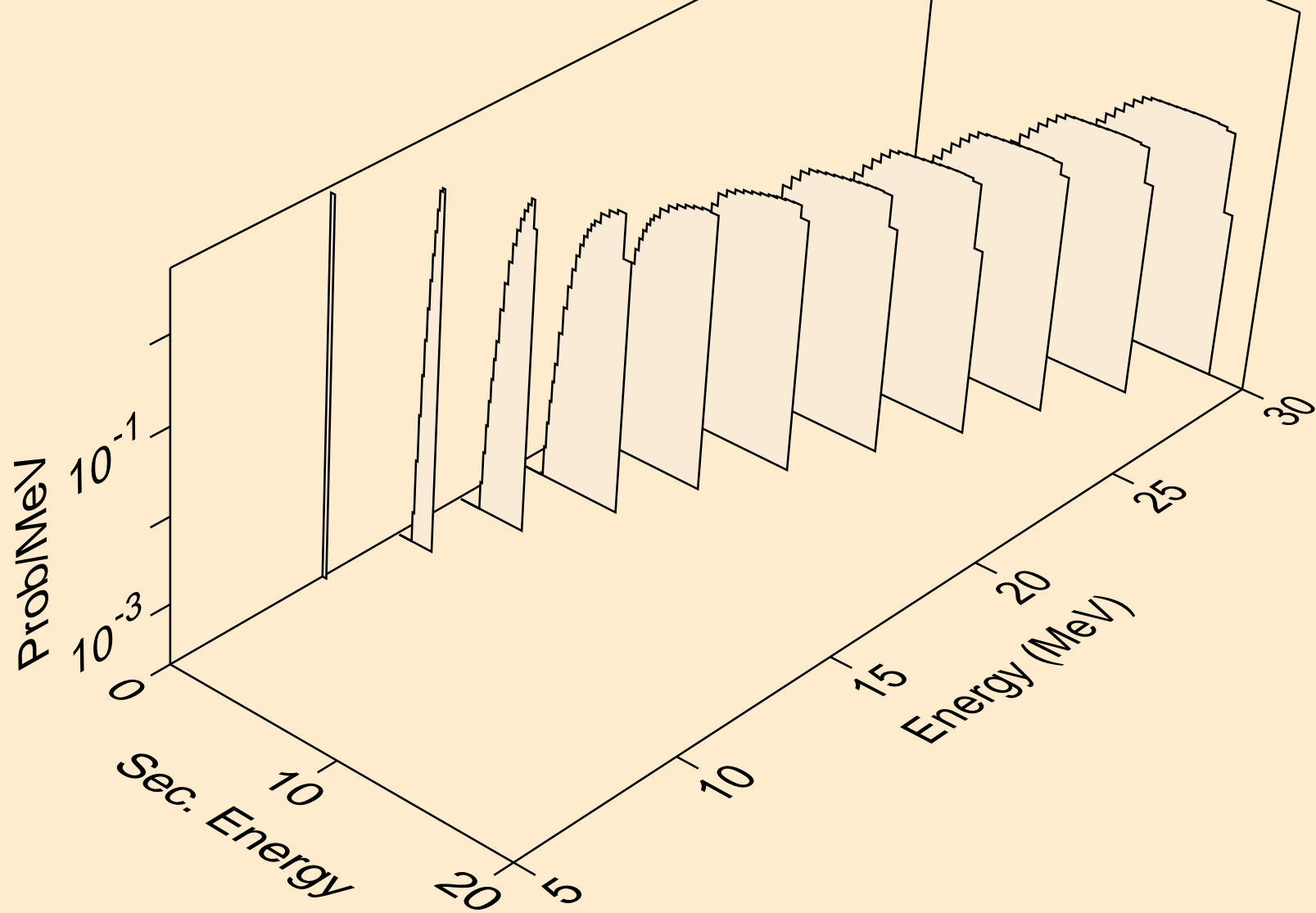
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deuterons from (a,da)



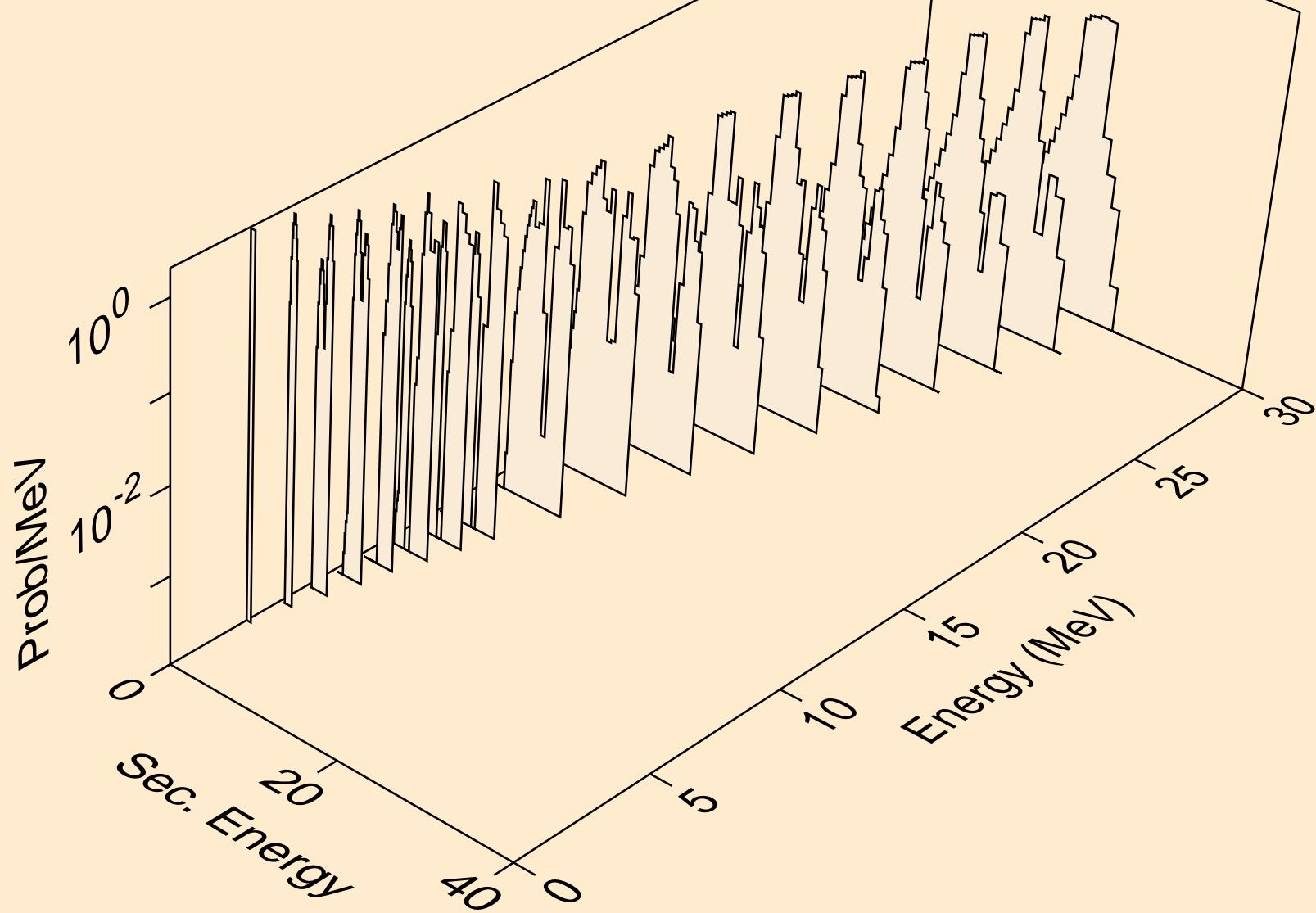
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tritons from (a,x)



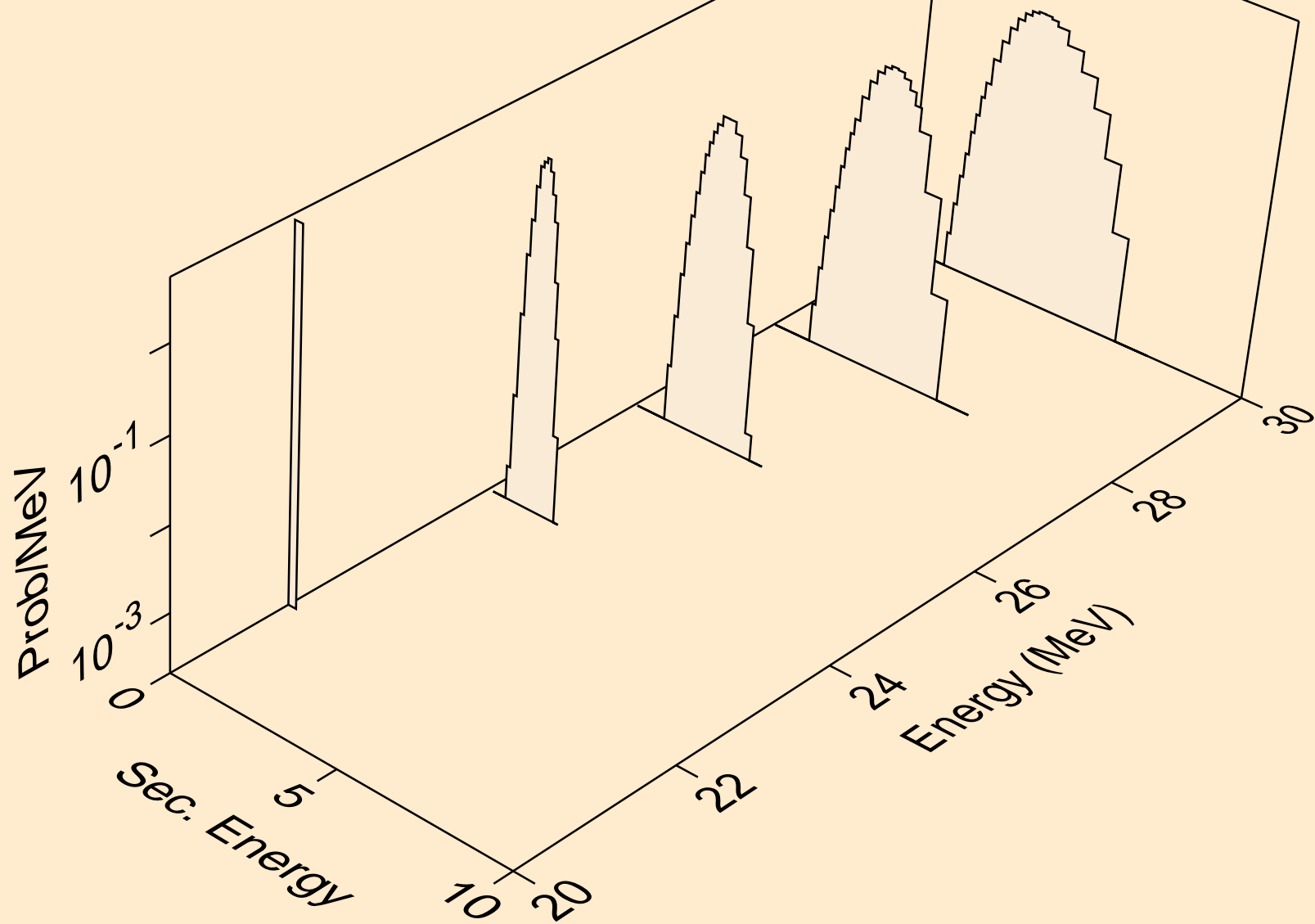
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



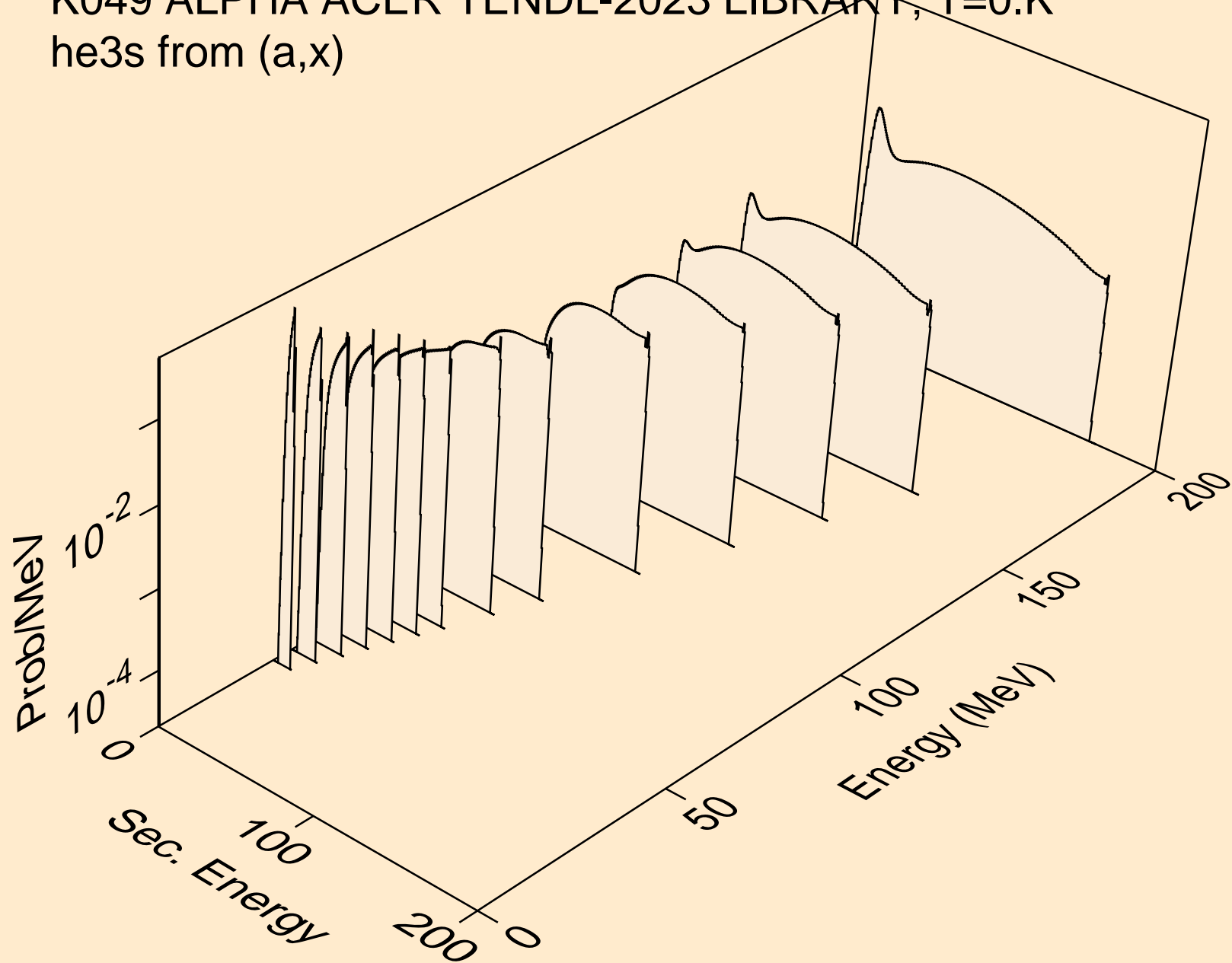
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



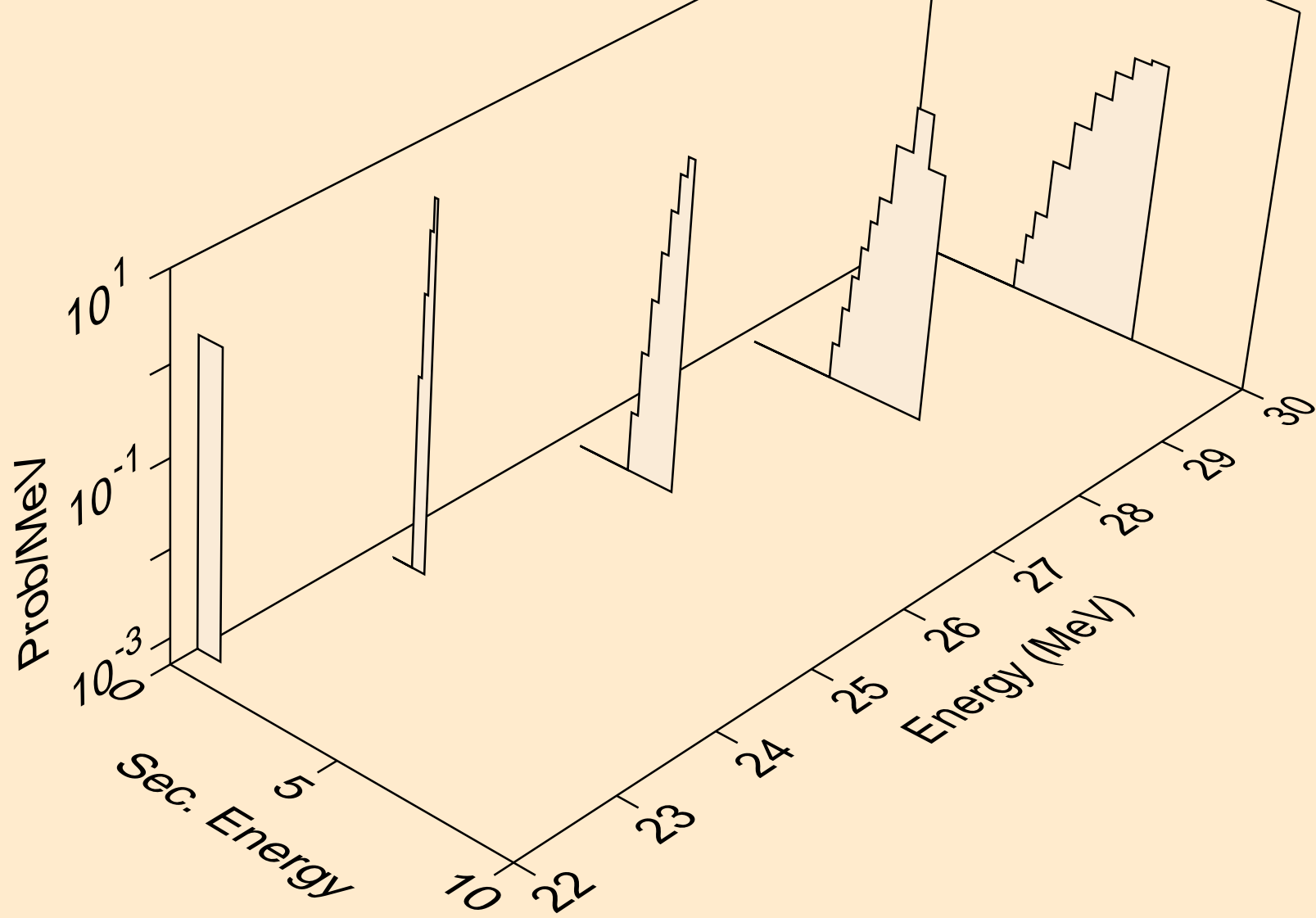
K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



K049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

