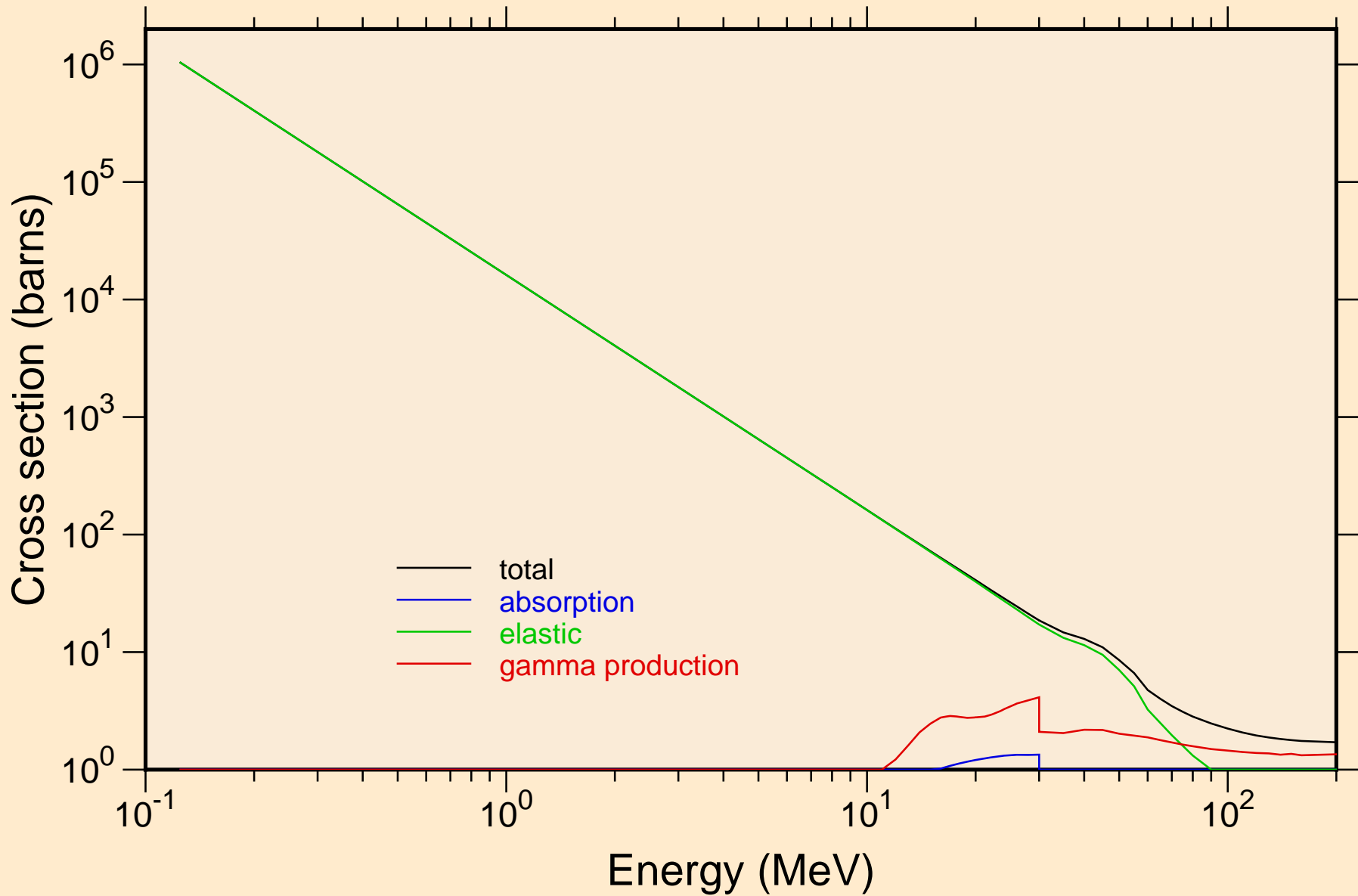
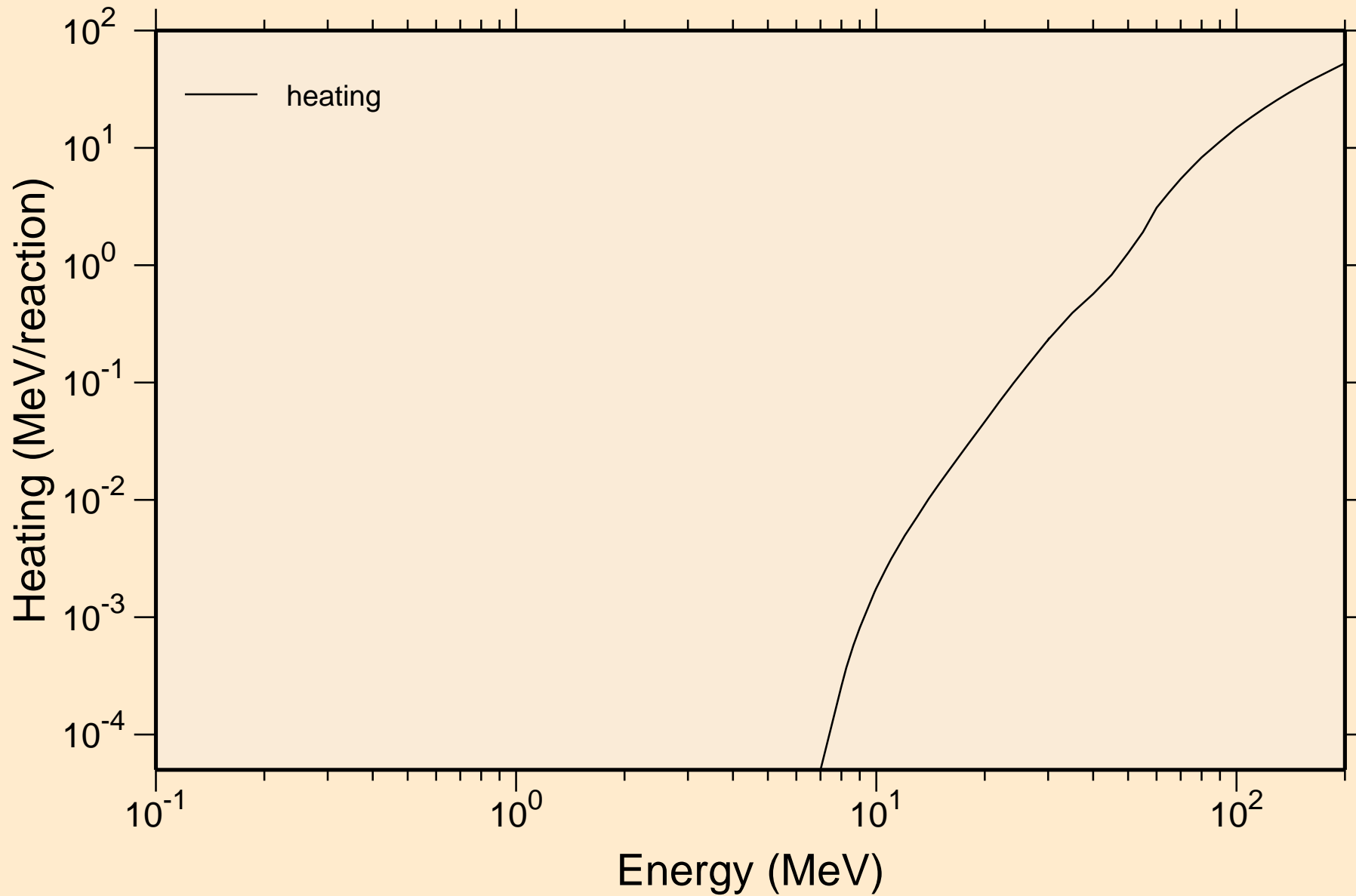


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



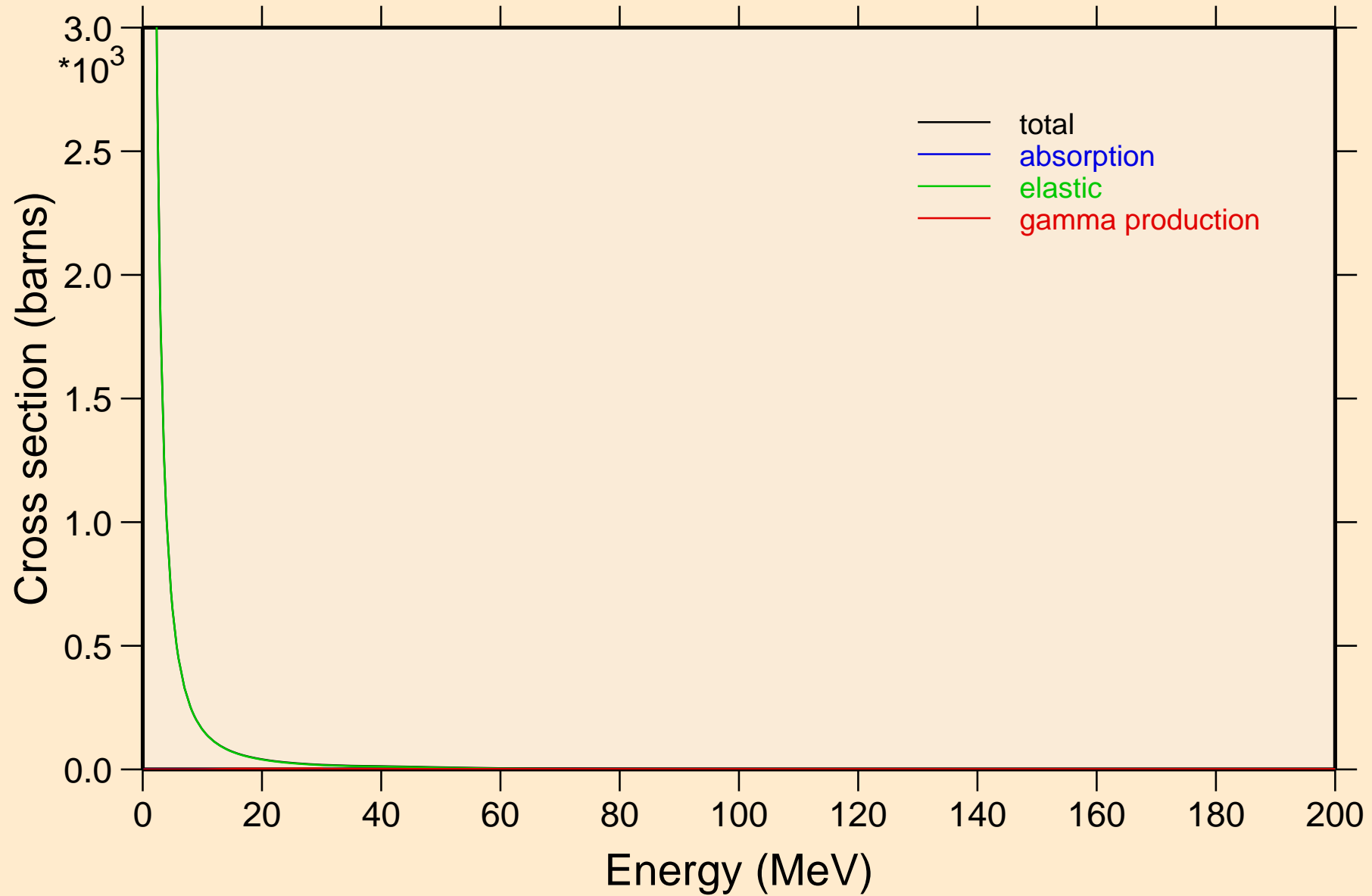
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



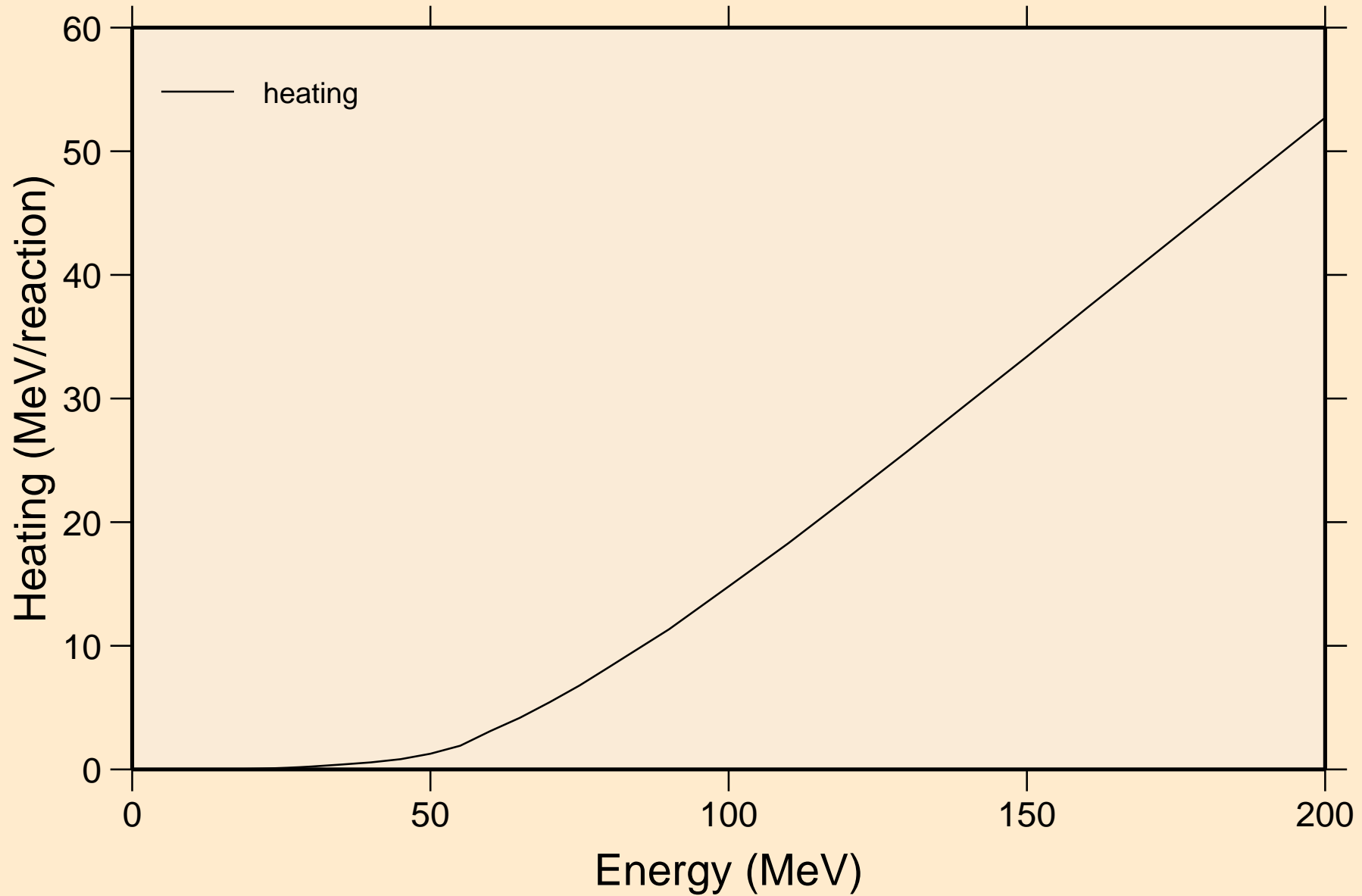
# CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

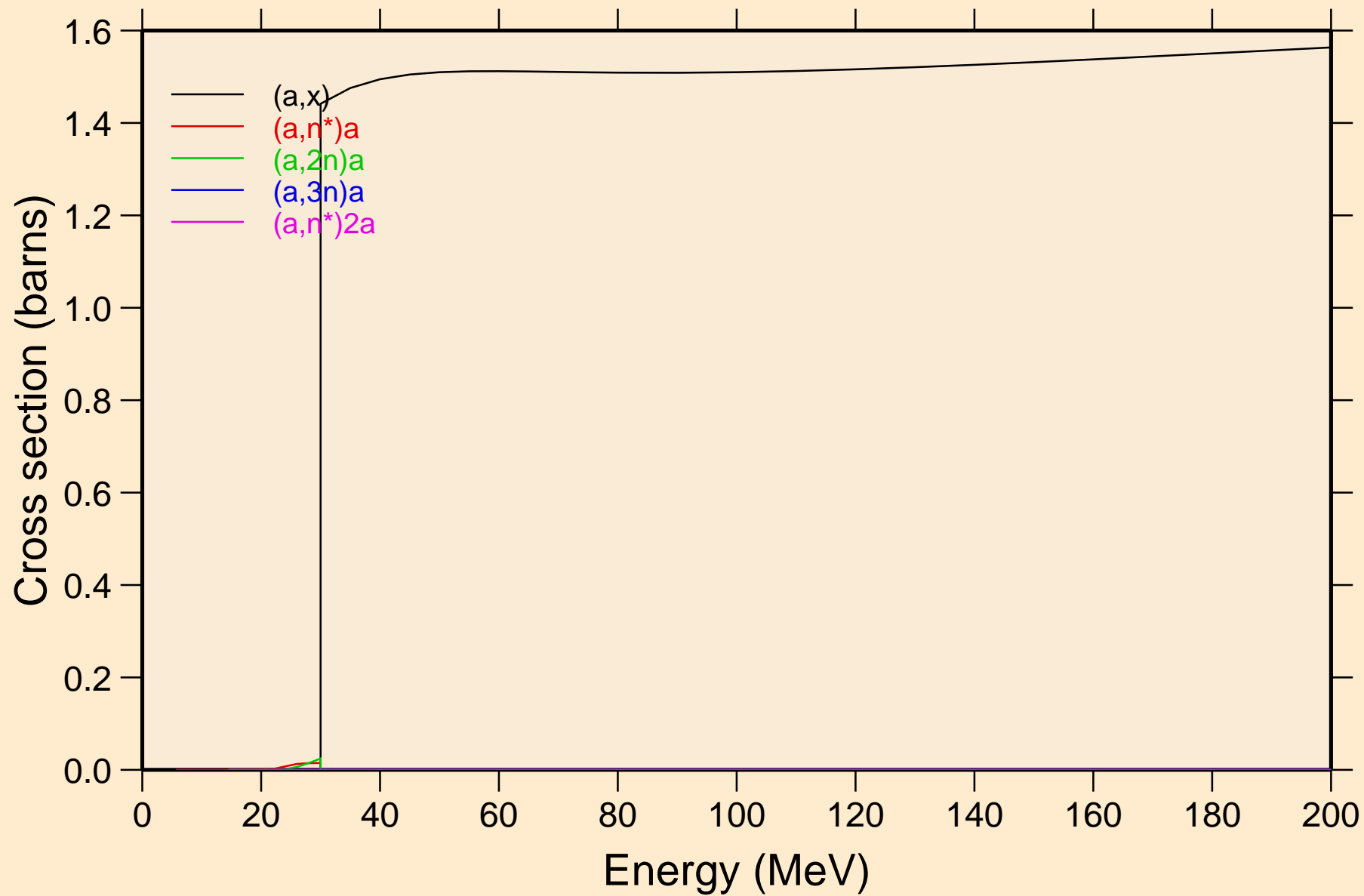


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

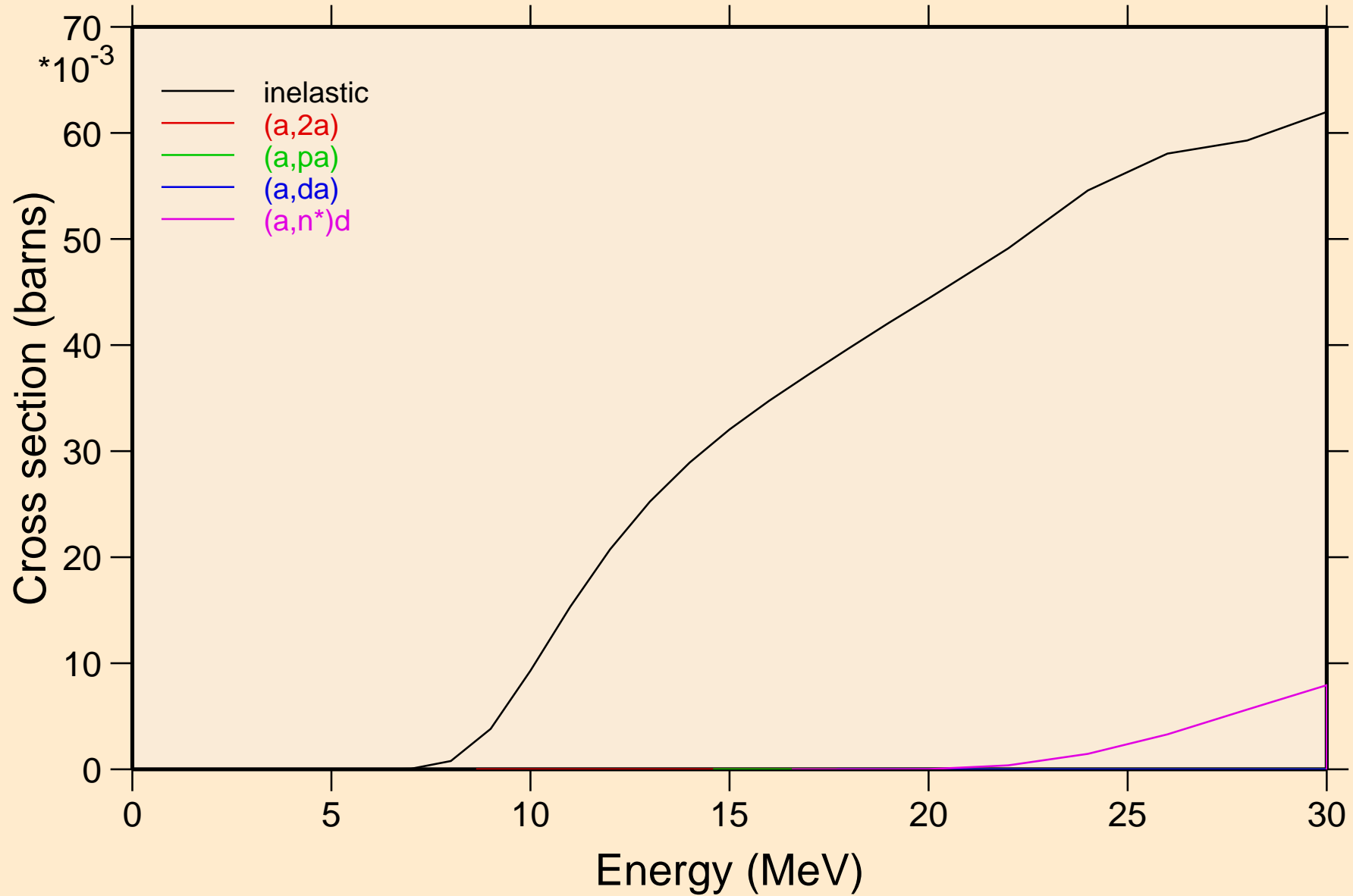
Heating



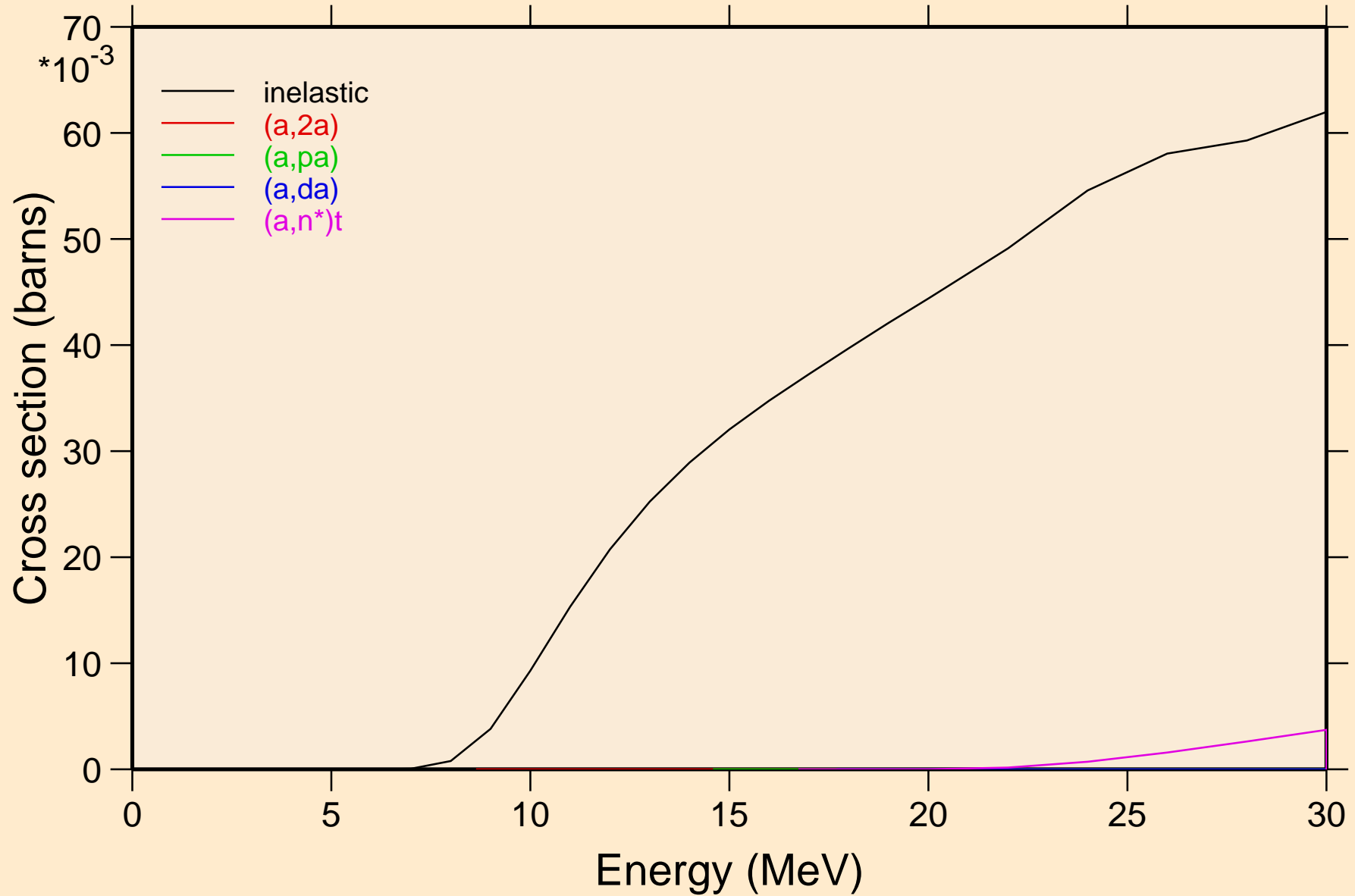
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



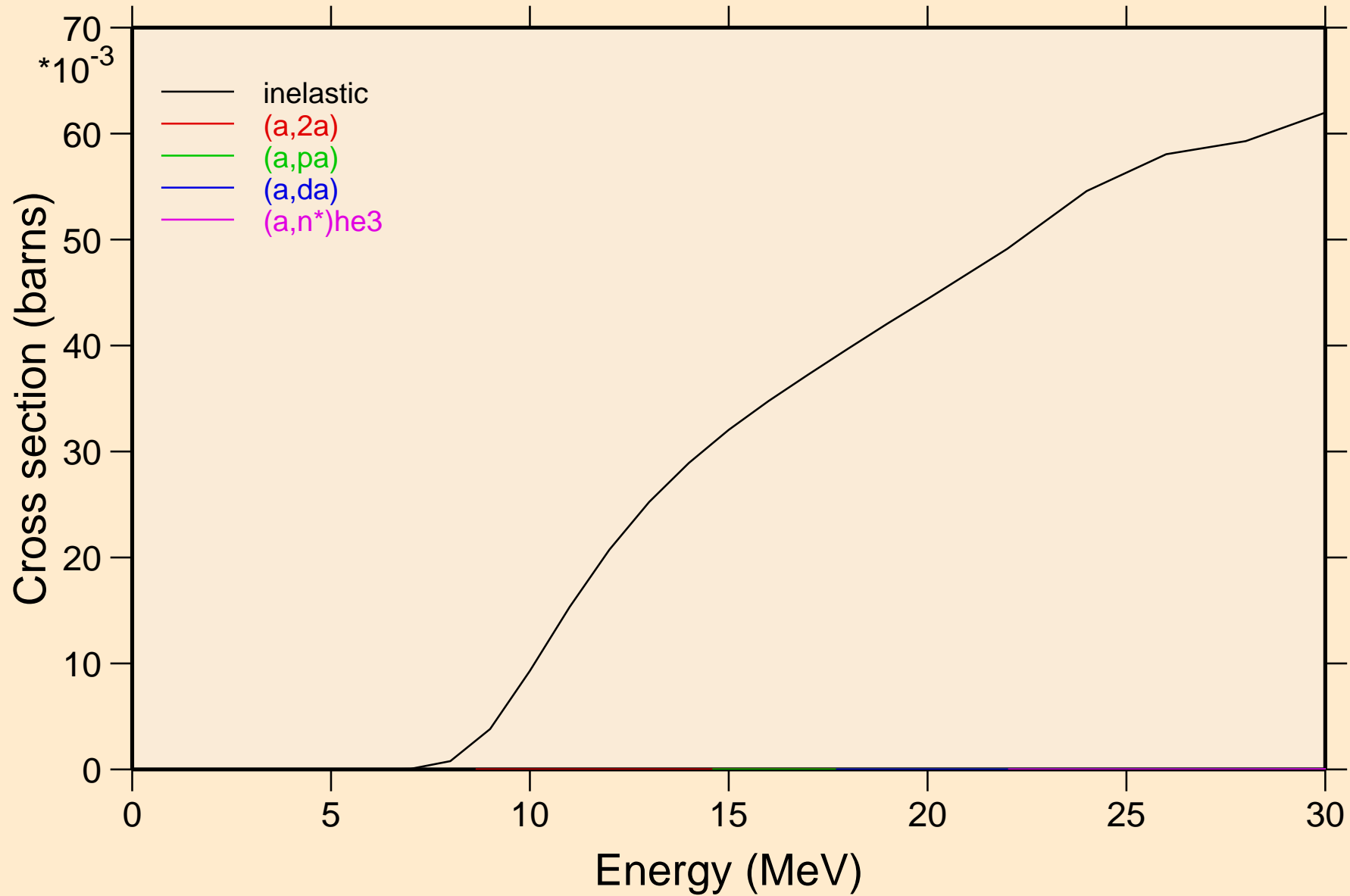
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

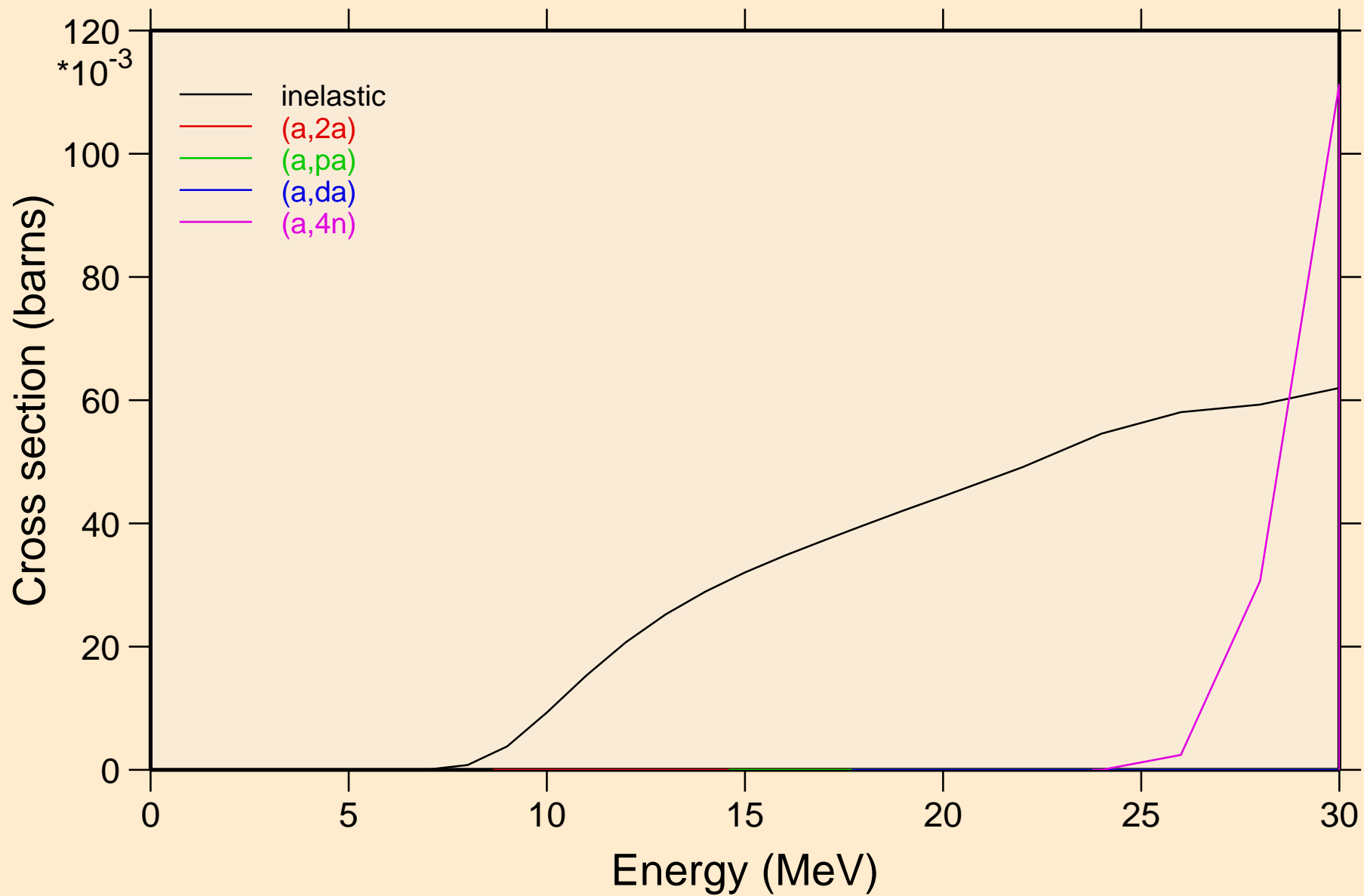


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

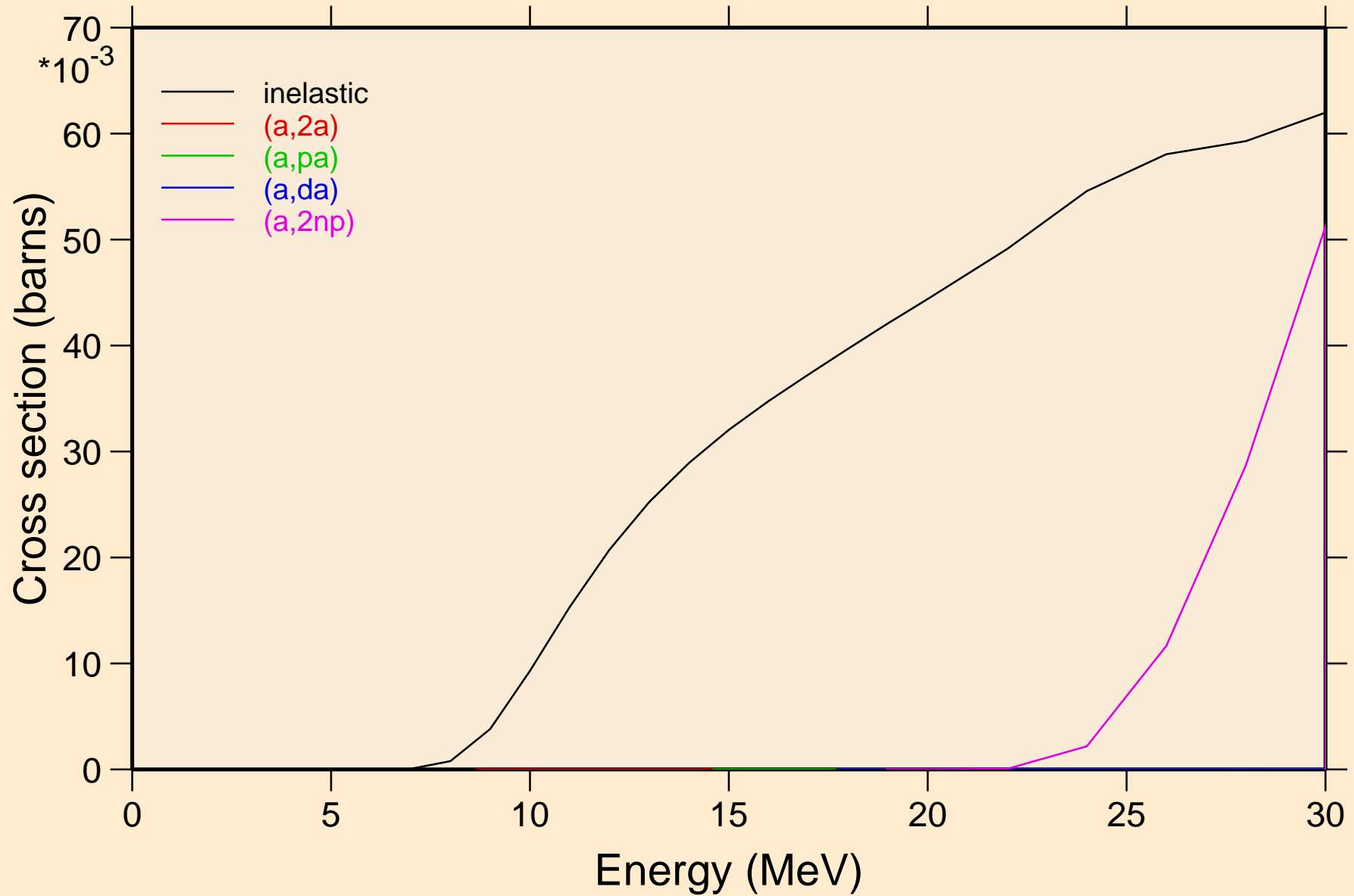




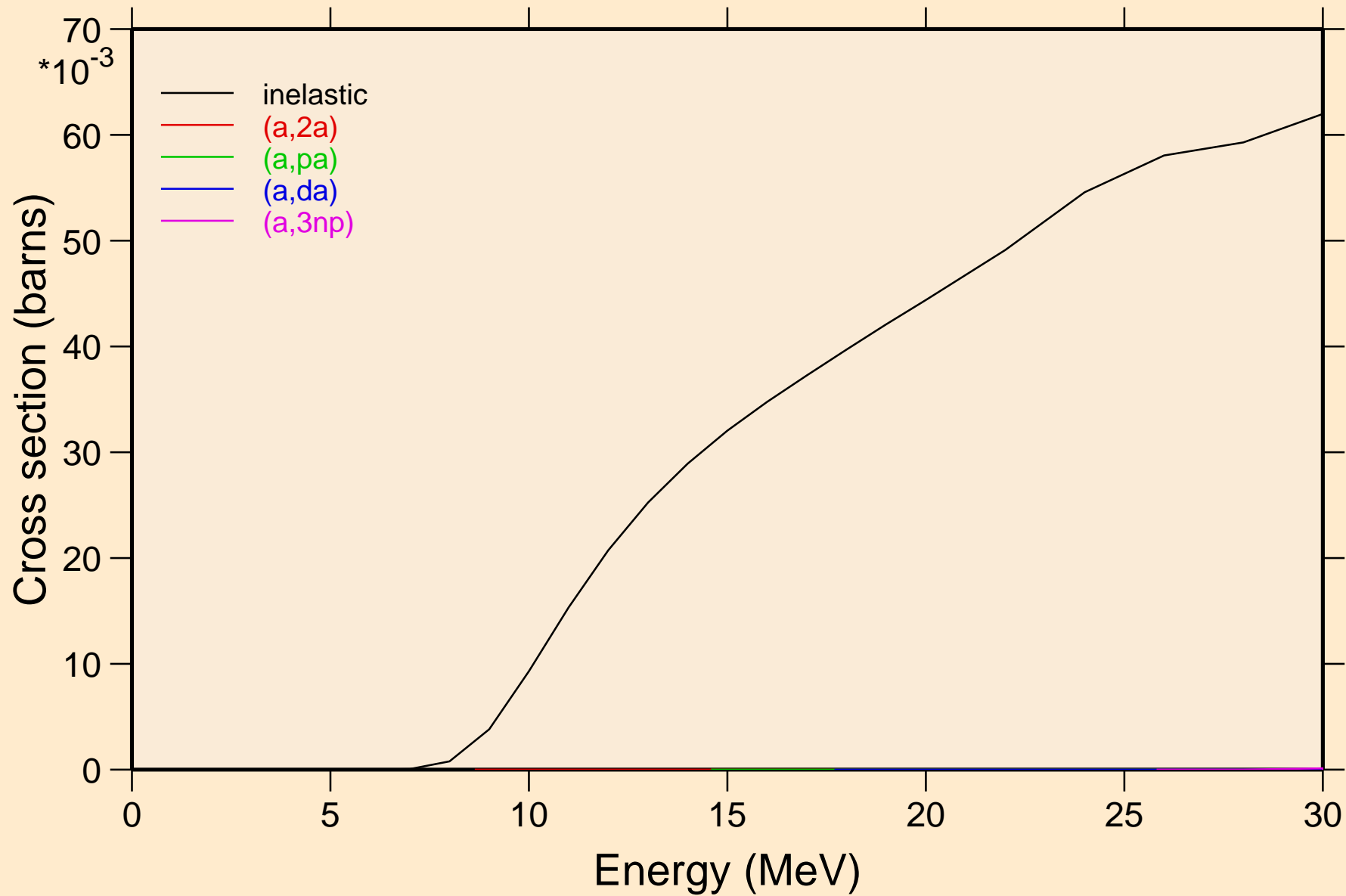
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Threshold reactions



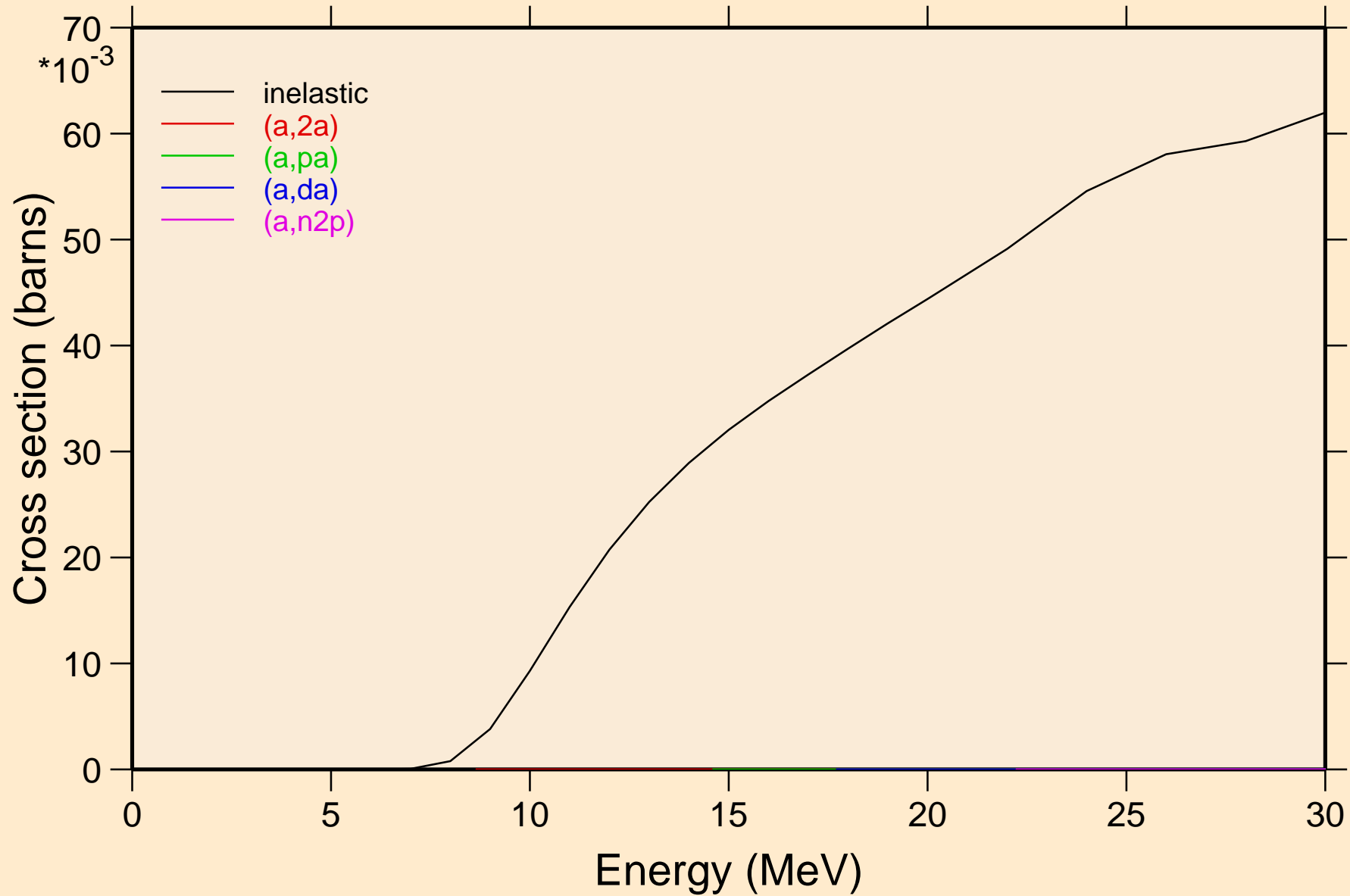
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Threshold reactions



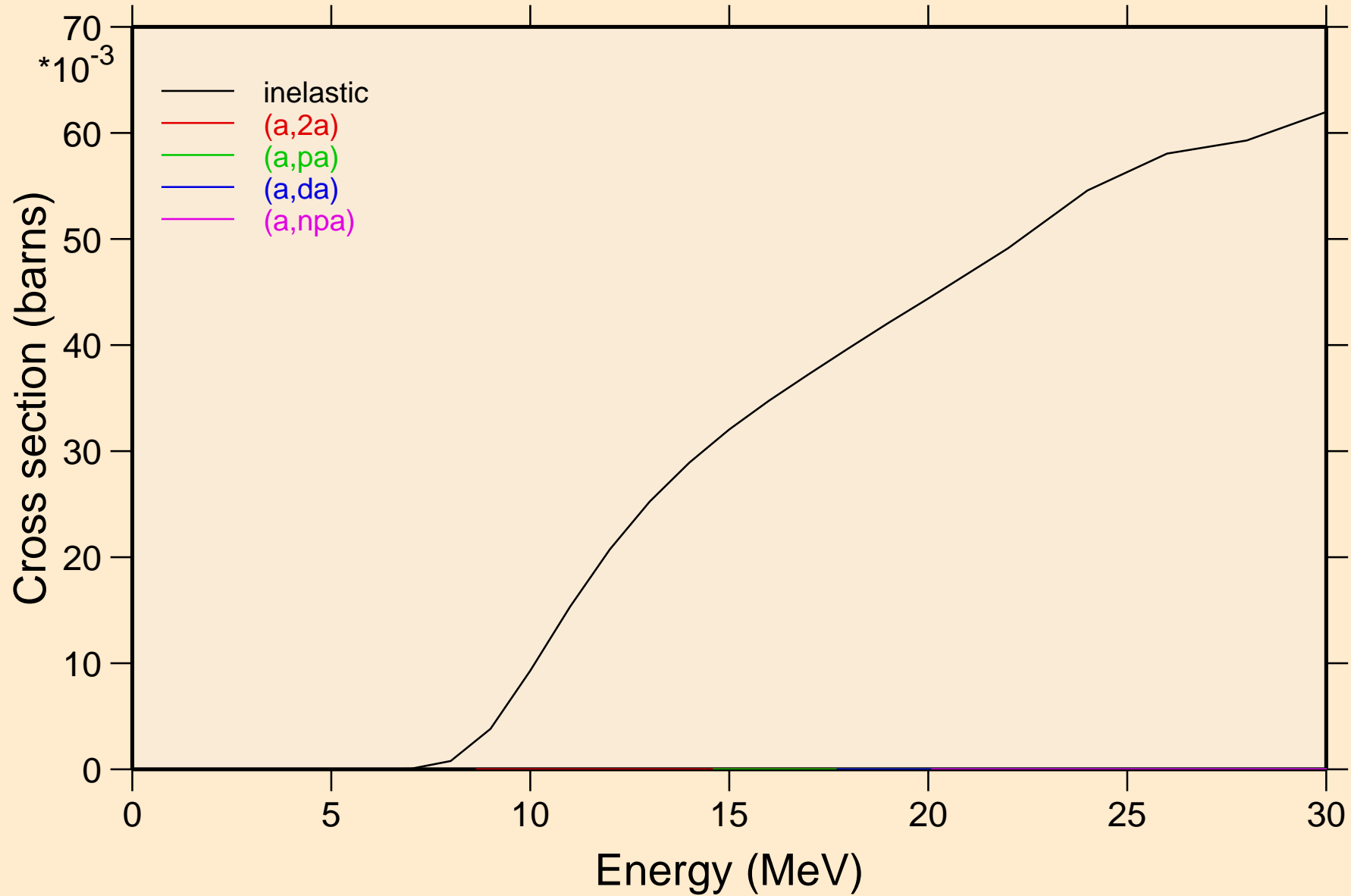
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Threshold reactions



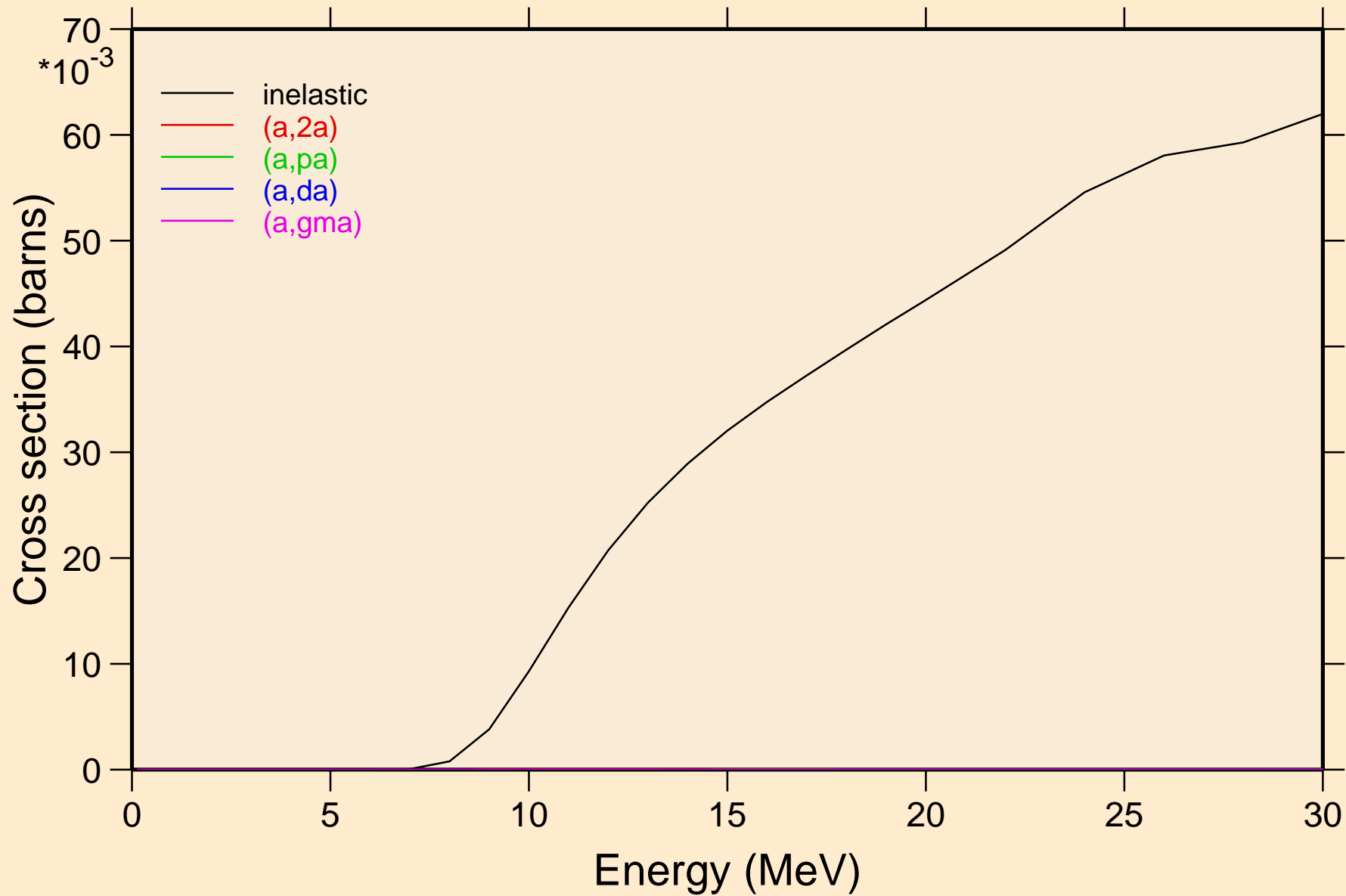
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Threshold reactions



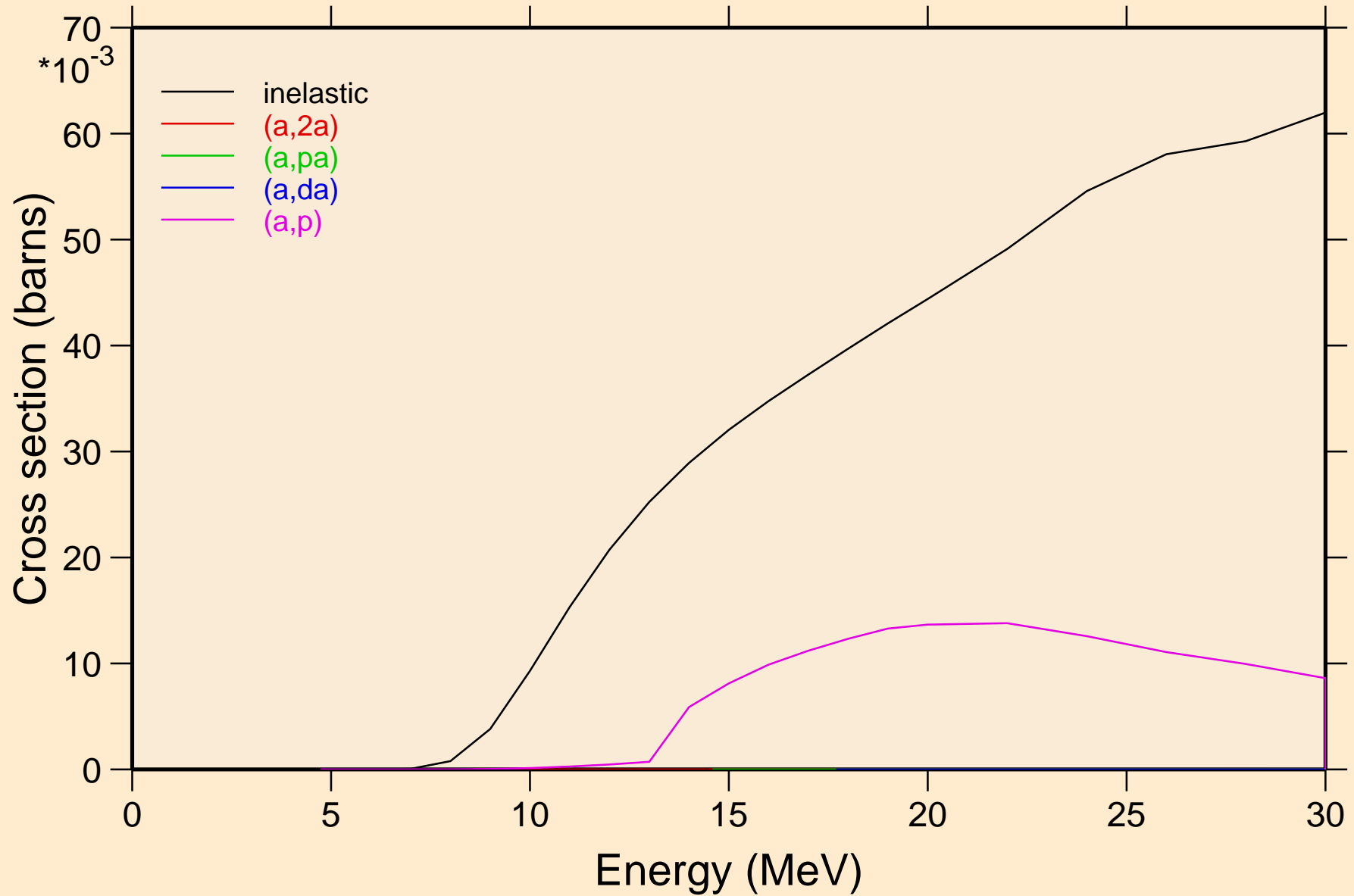
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Threshold reactions



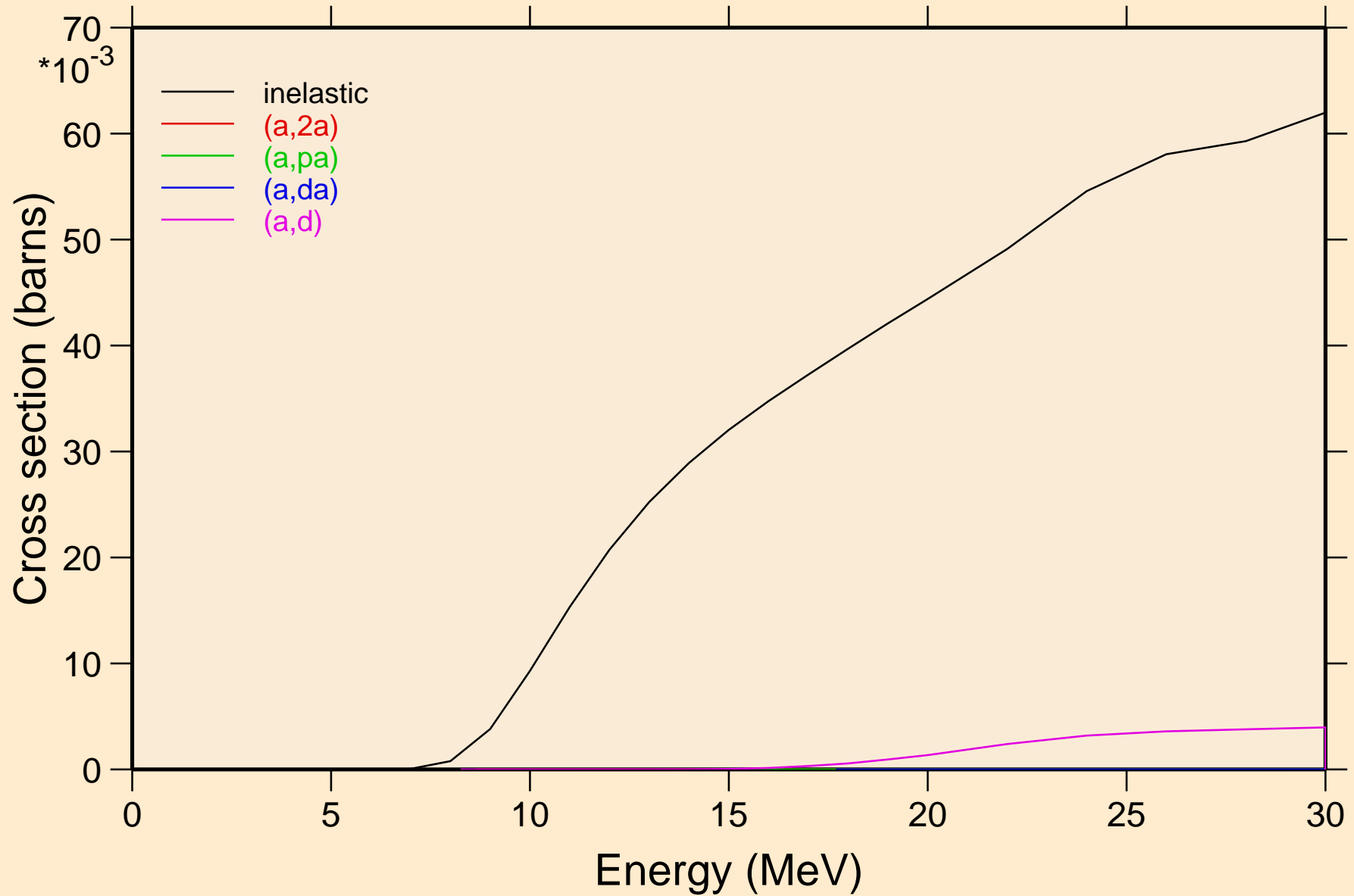
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Threshold reactions



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

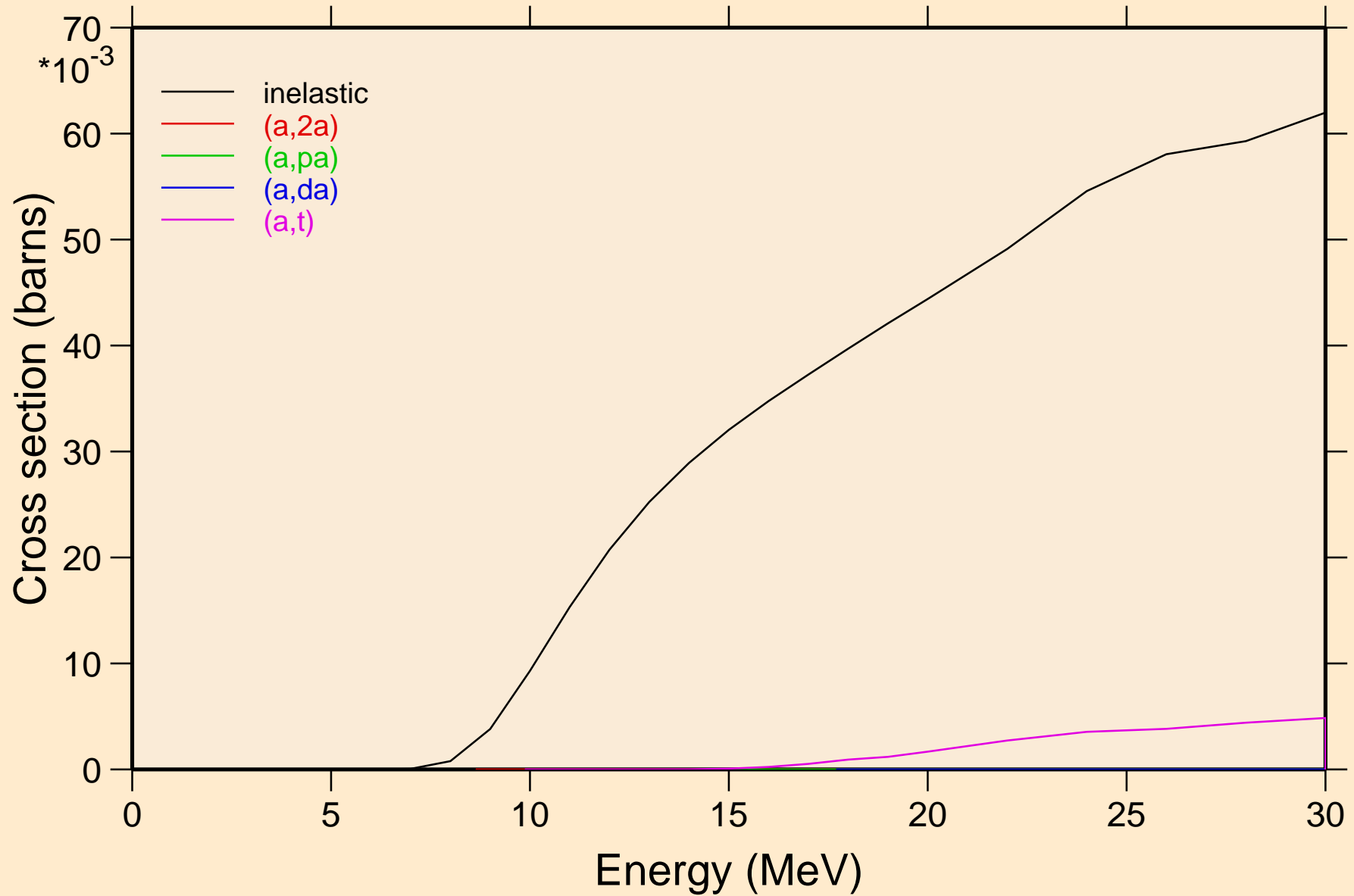


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

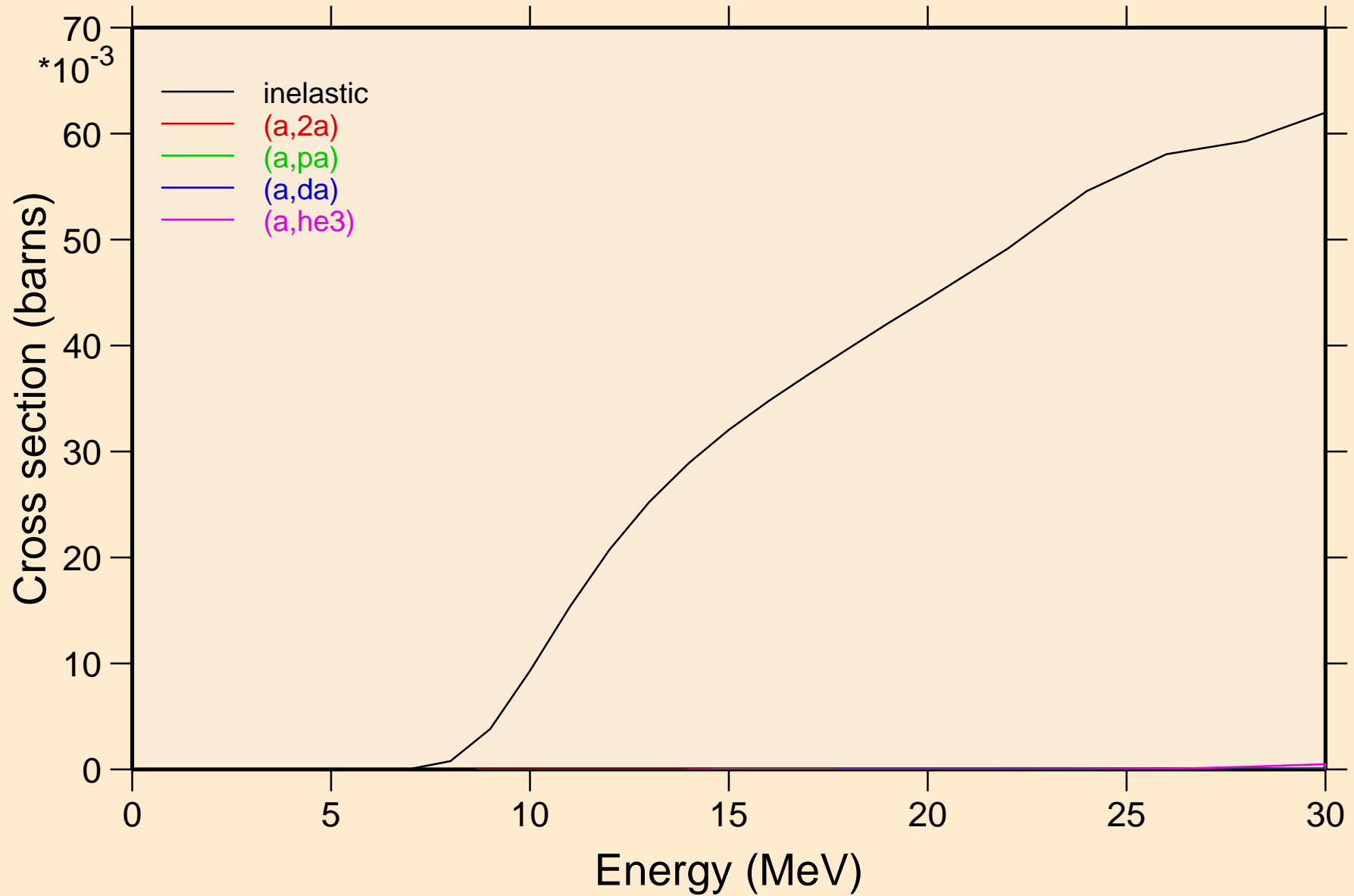




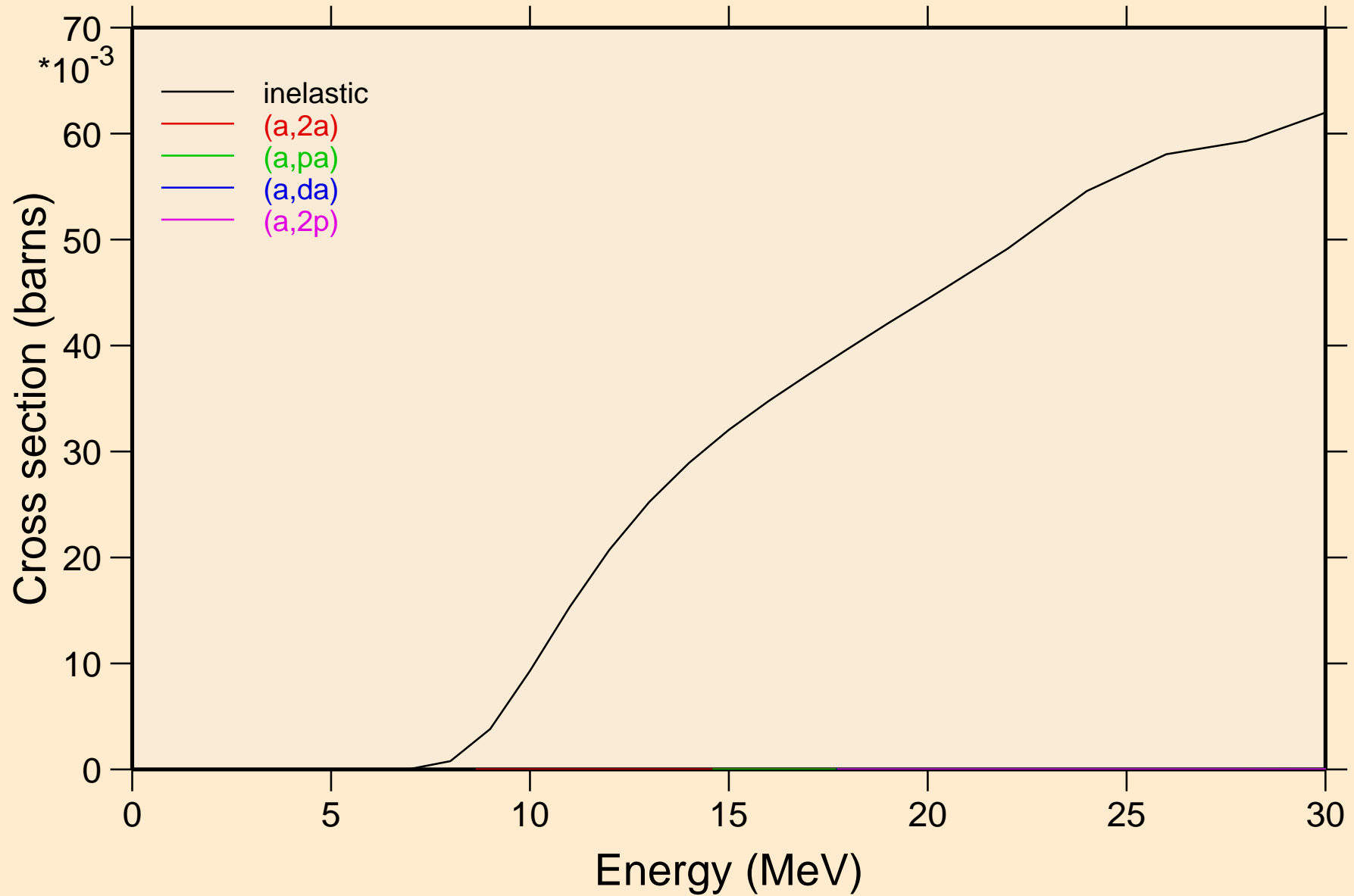
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Threshold reactions



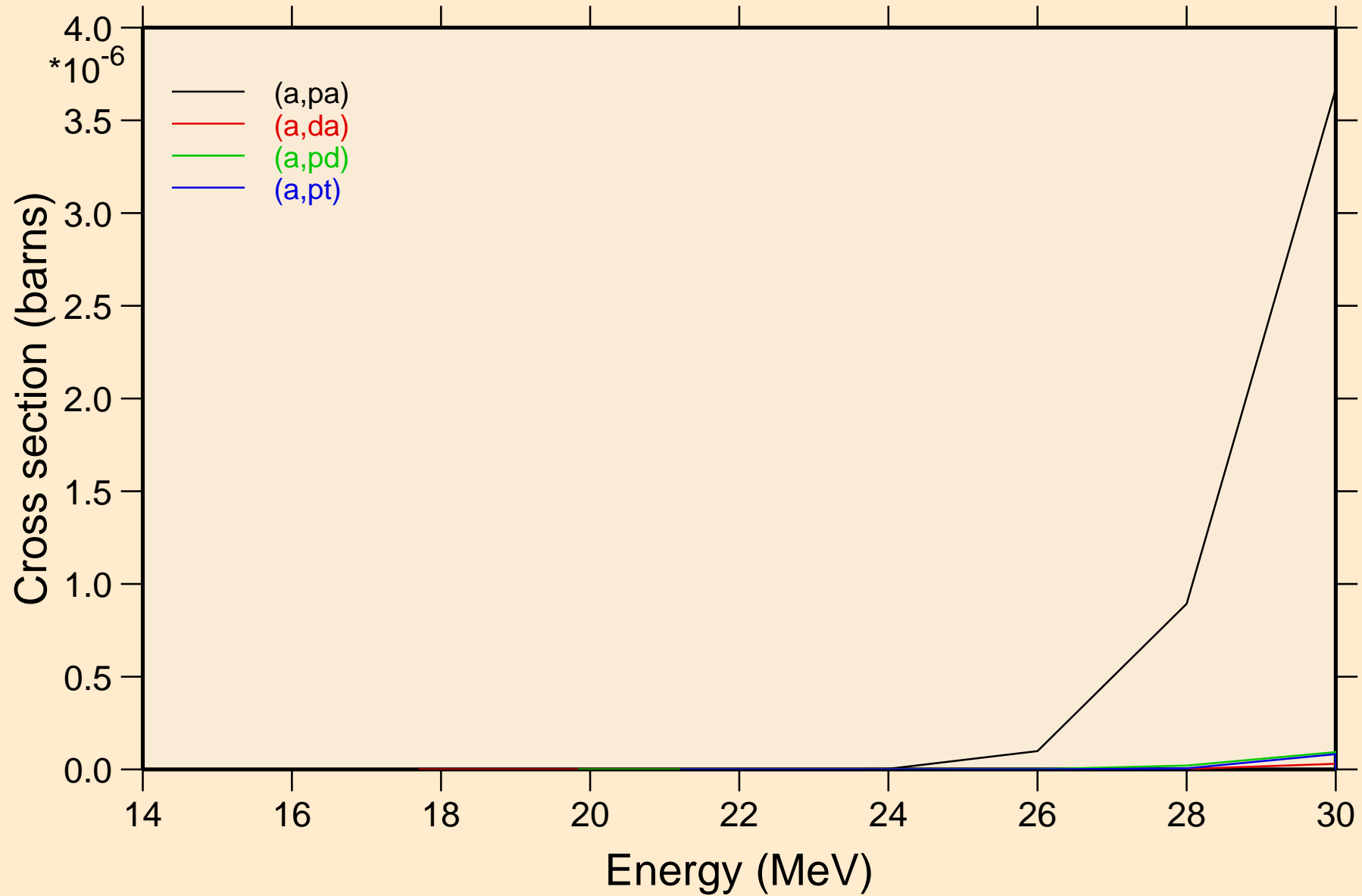
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Threshold reactions



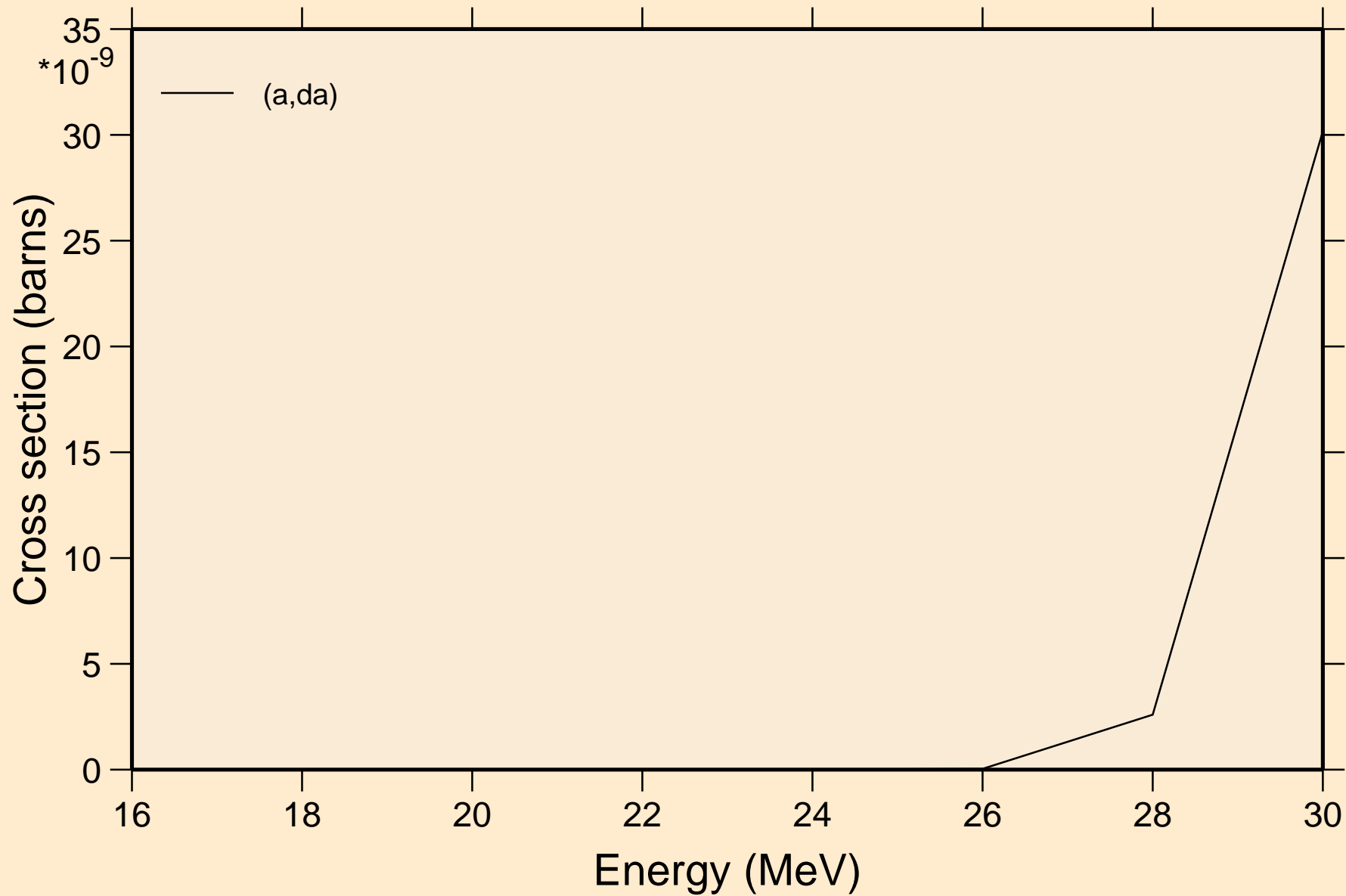
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



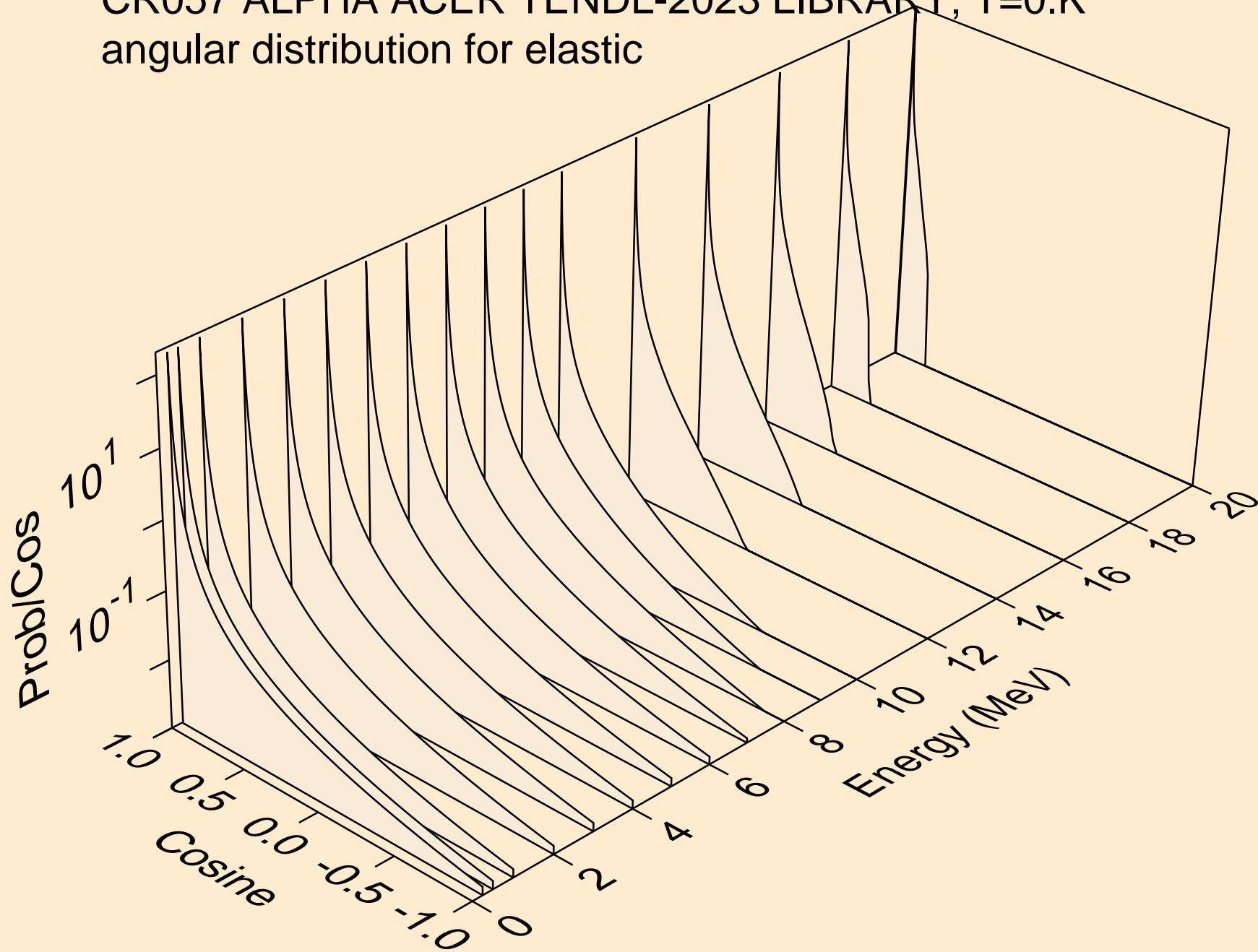
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



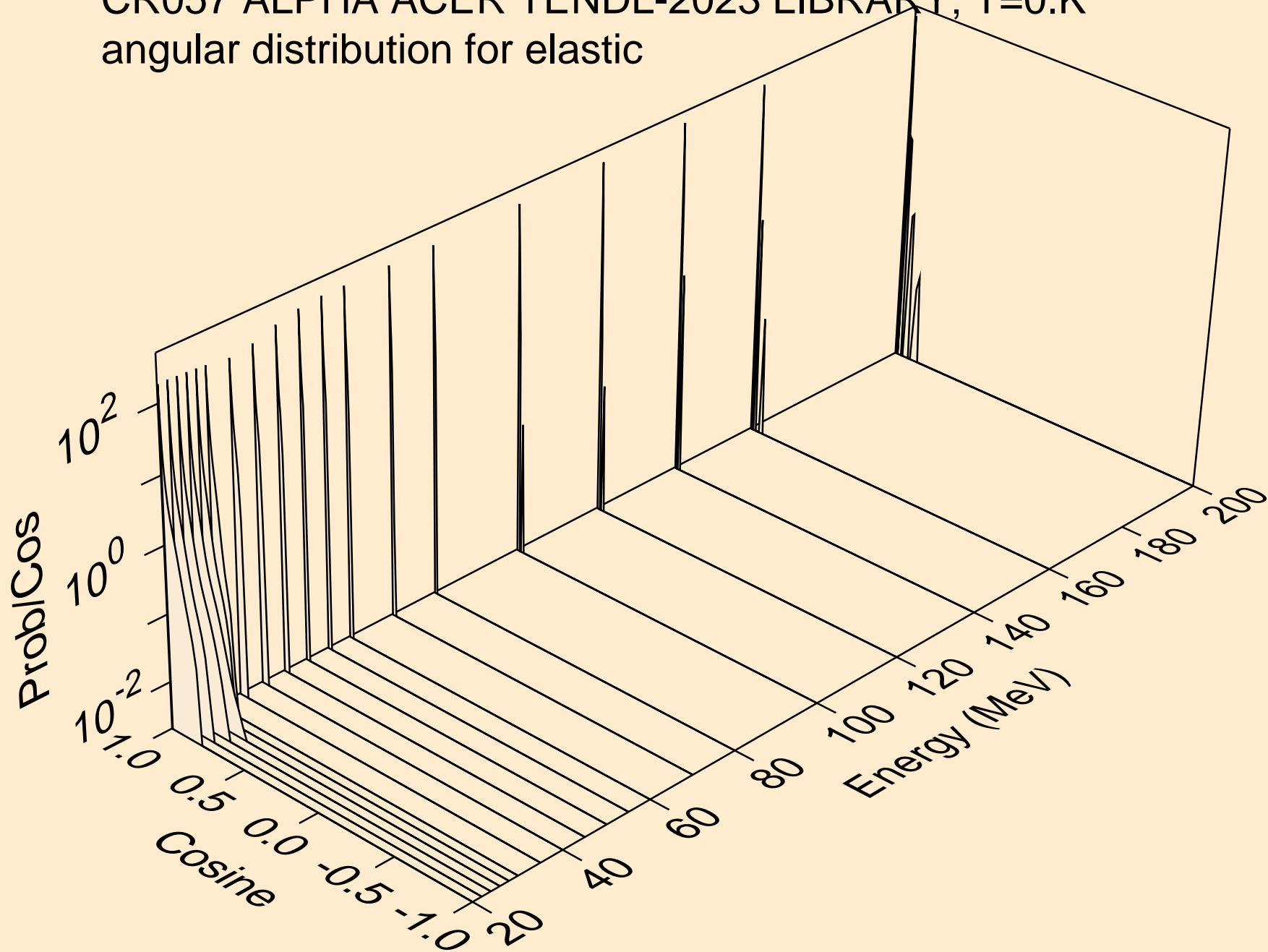
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



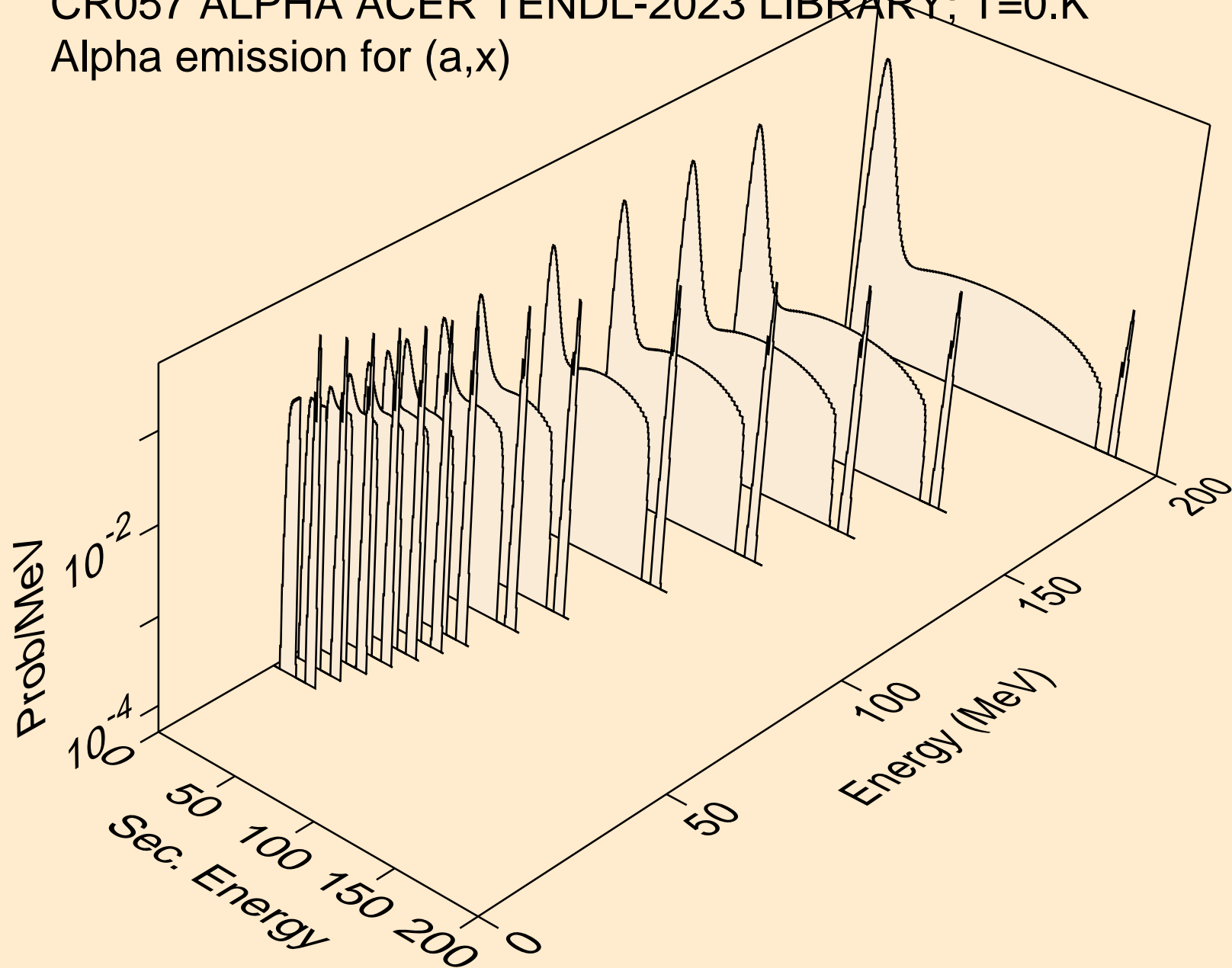
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

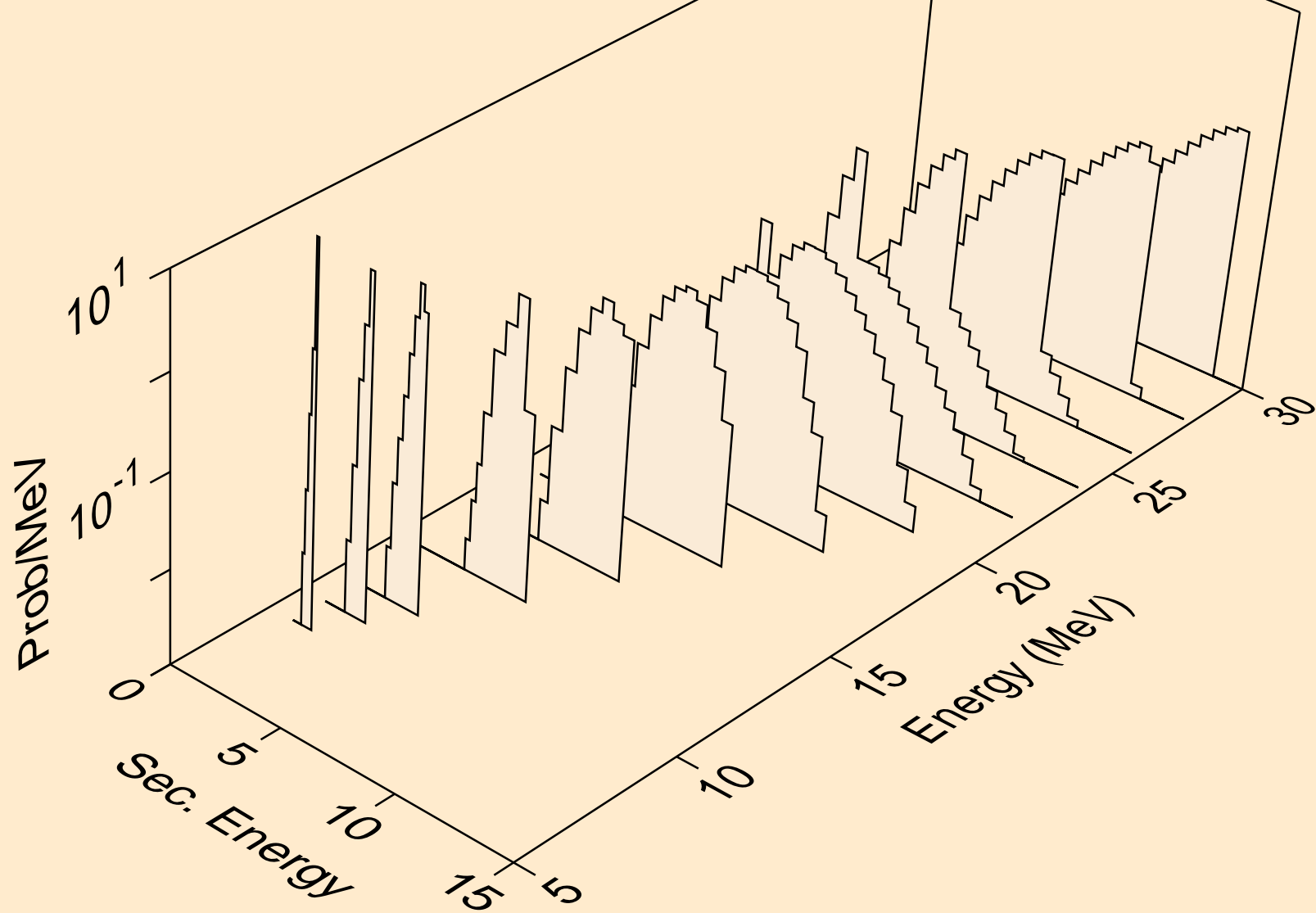


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)

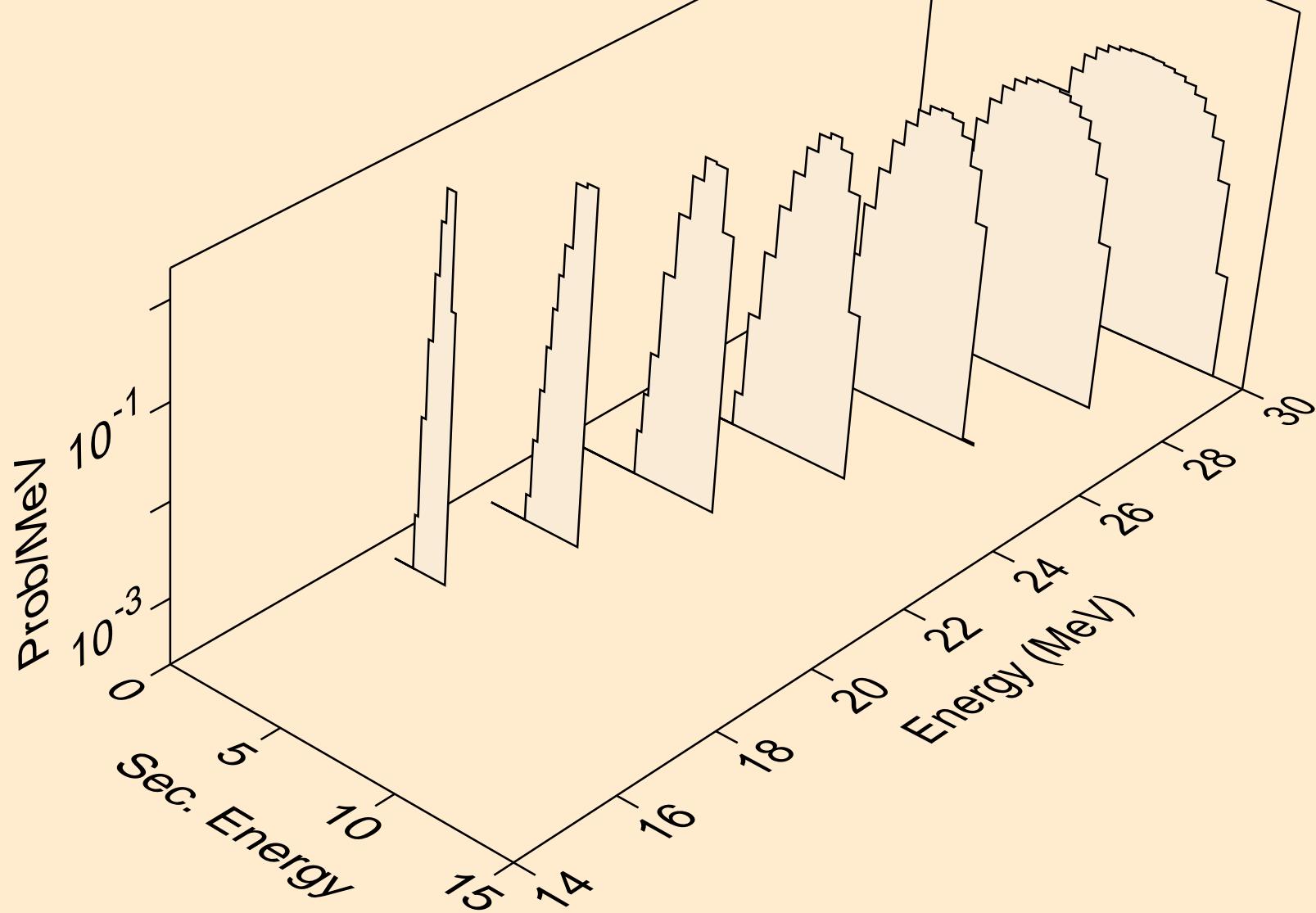




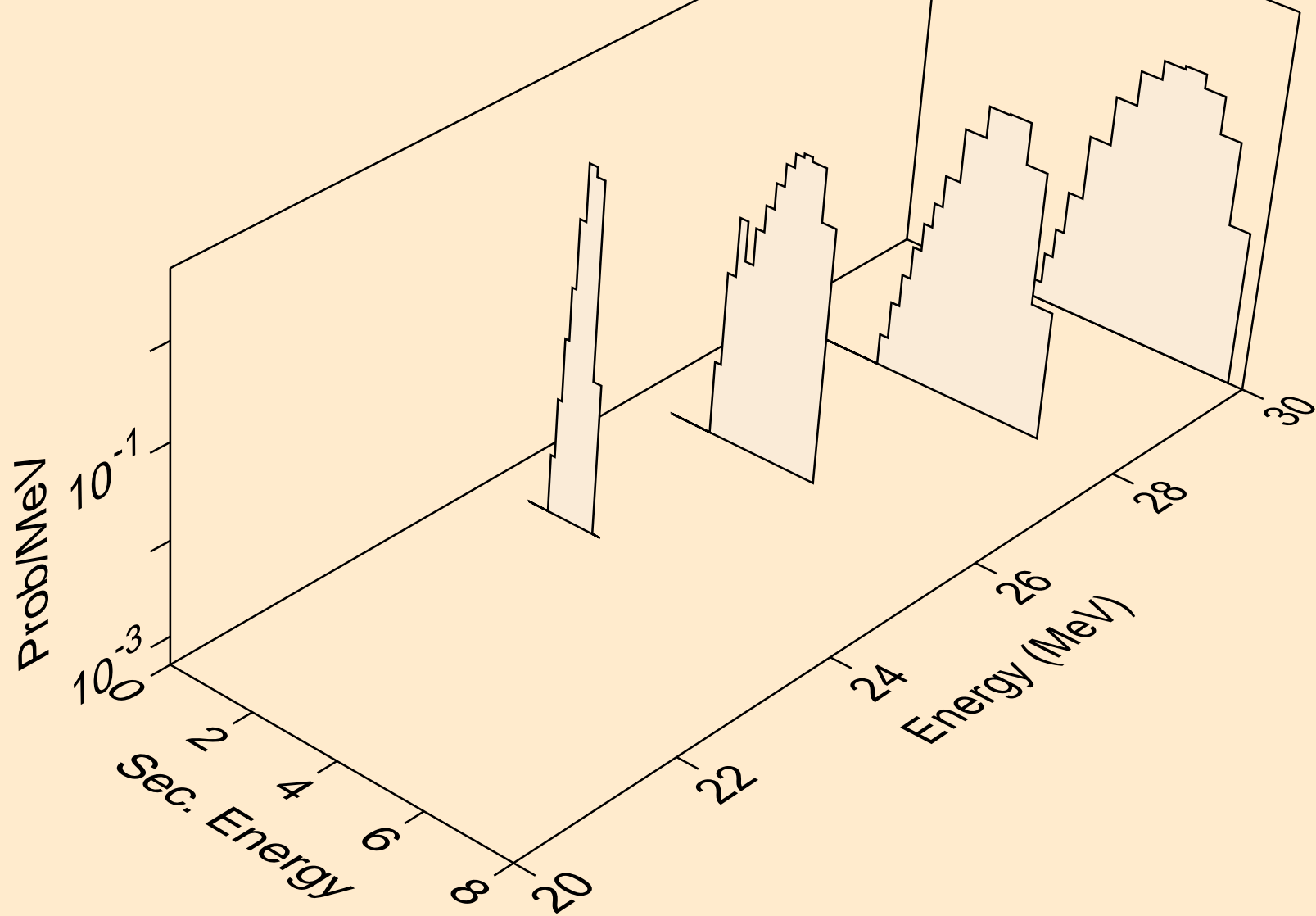
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



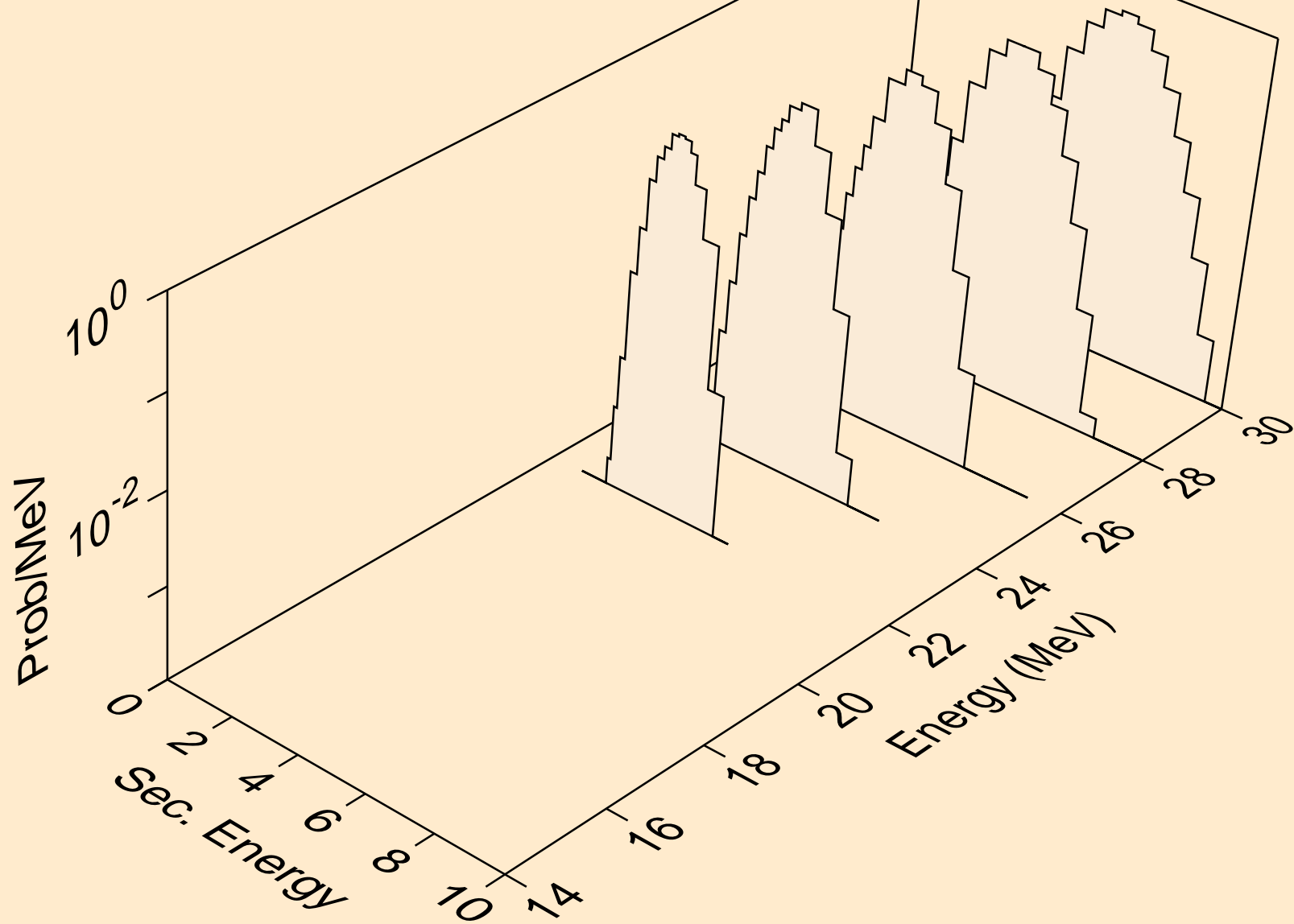
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



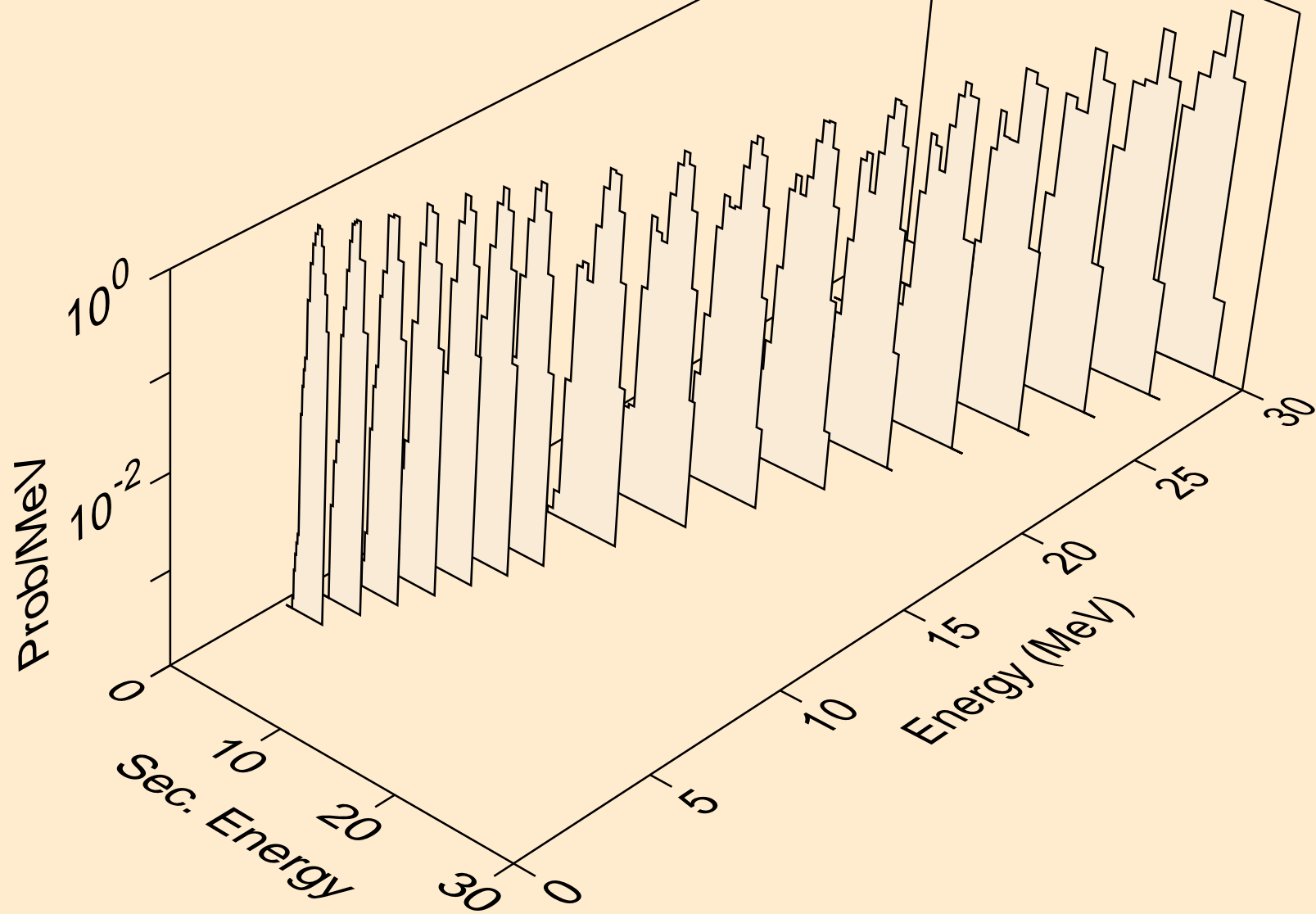
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



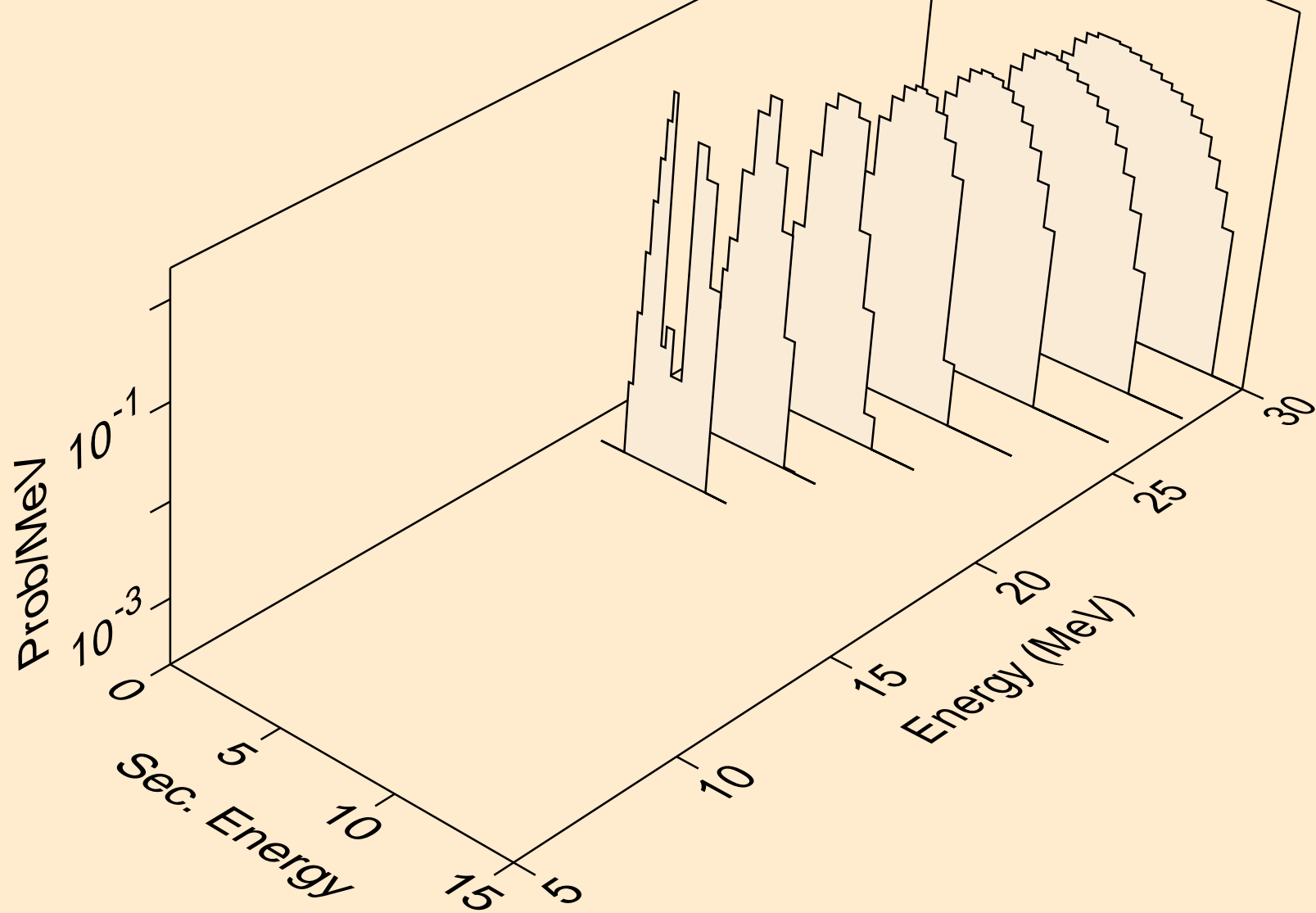
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



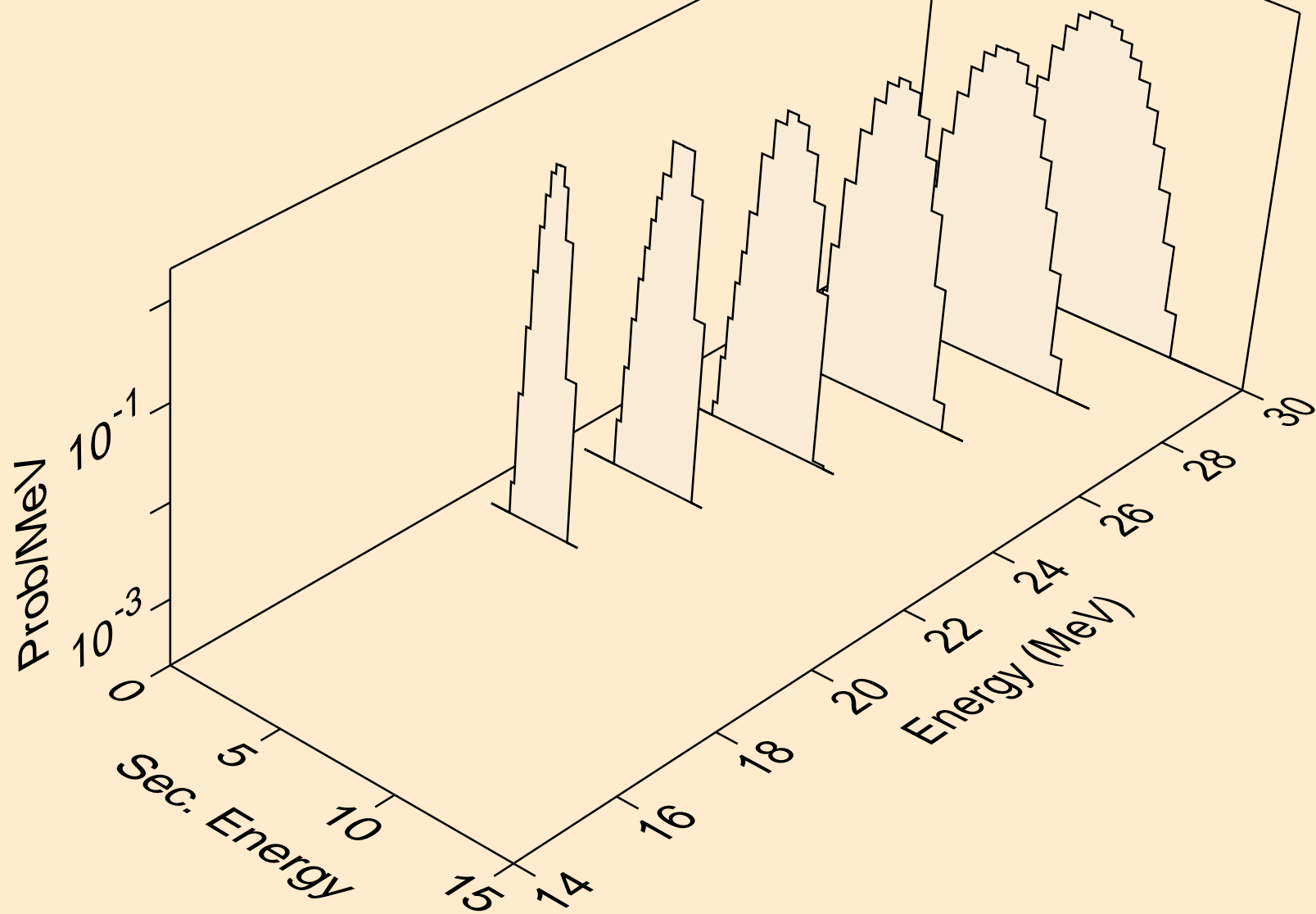
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



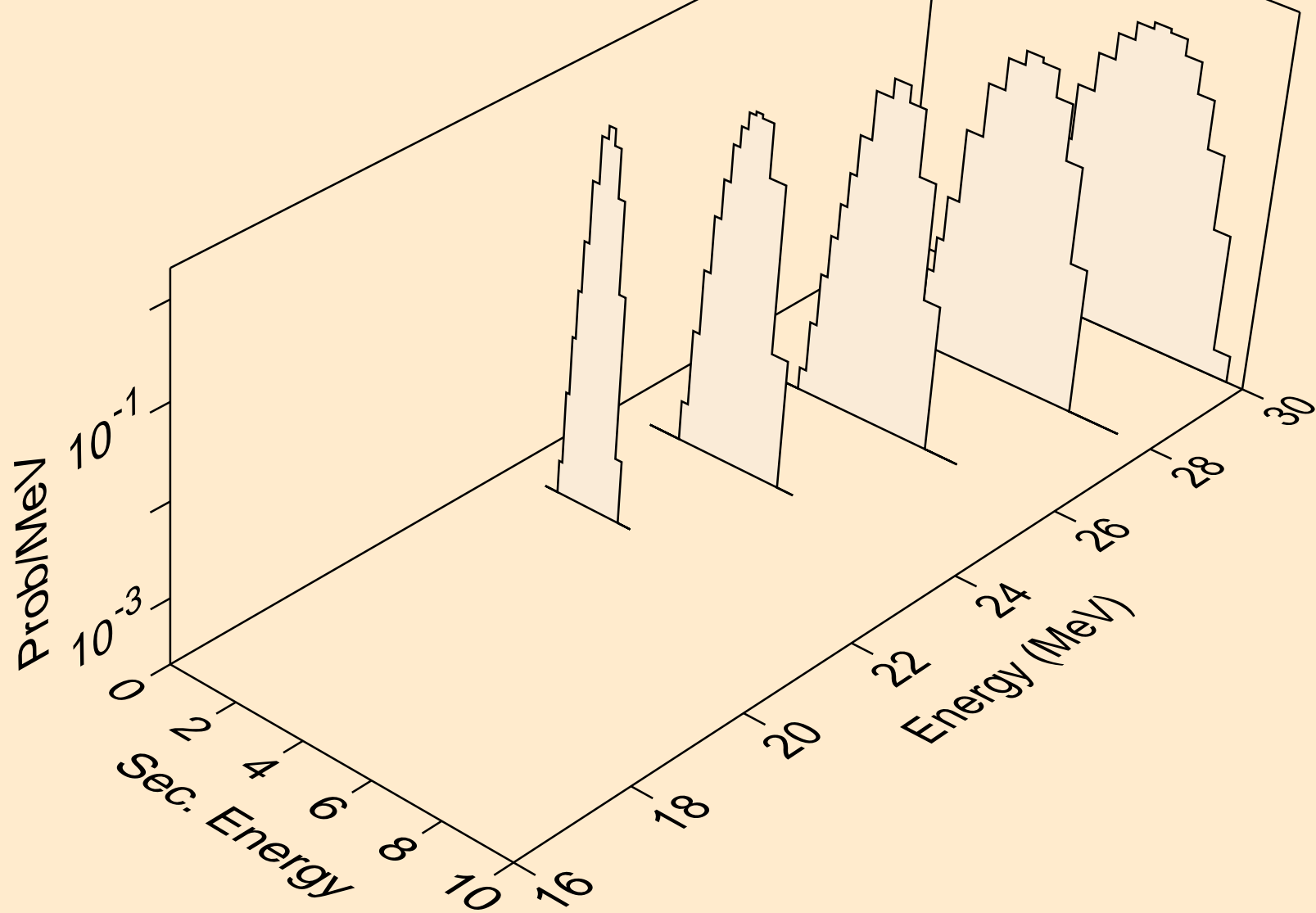
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

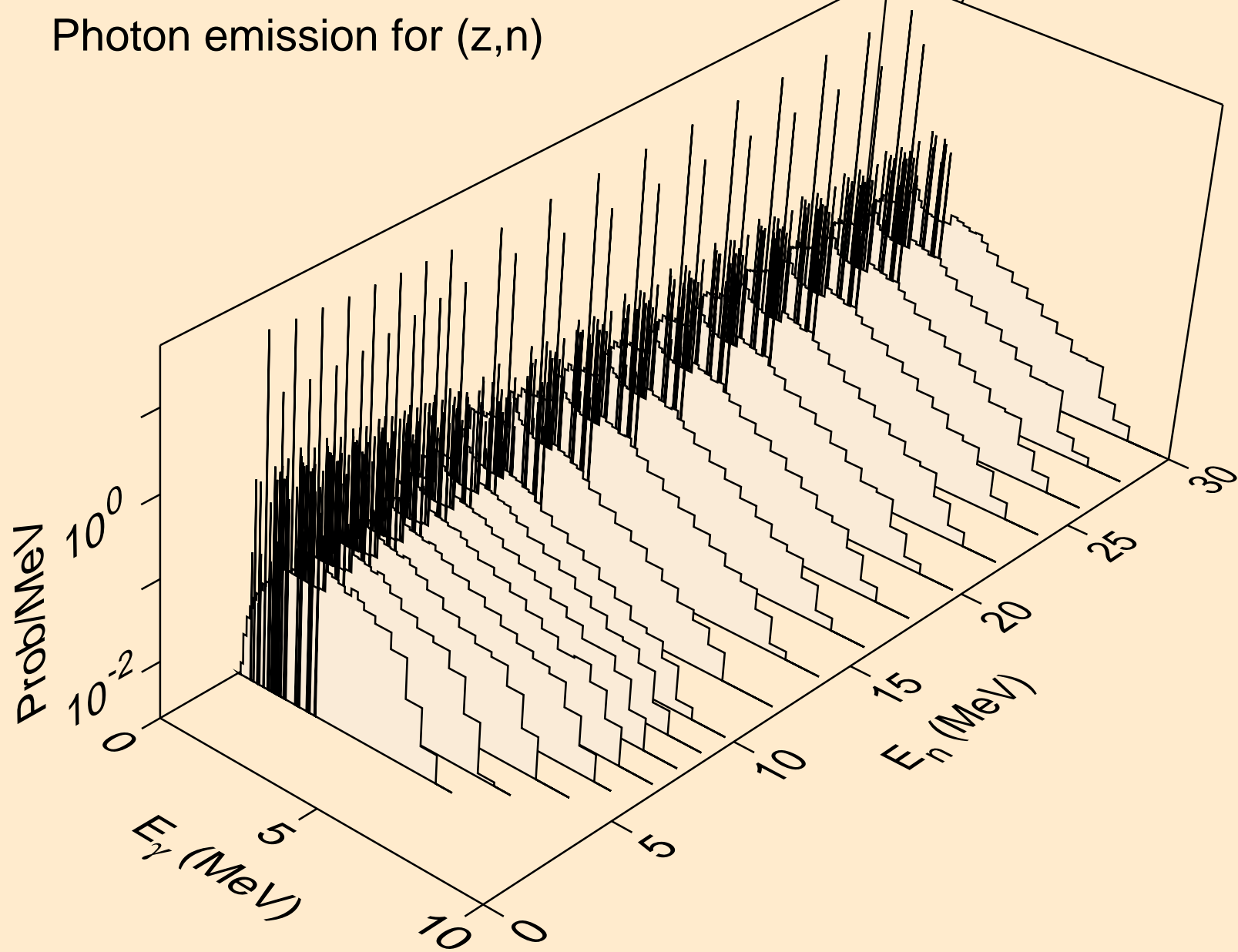


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Alpha emission for (a,da)

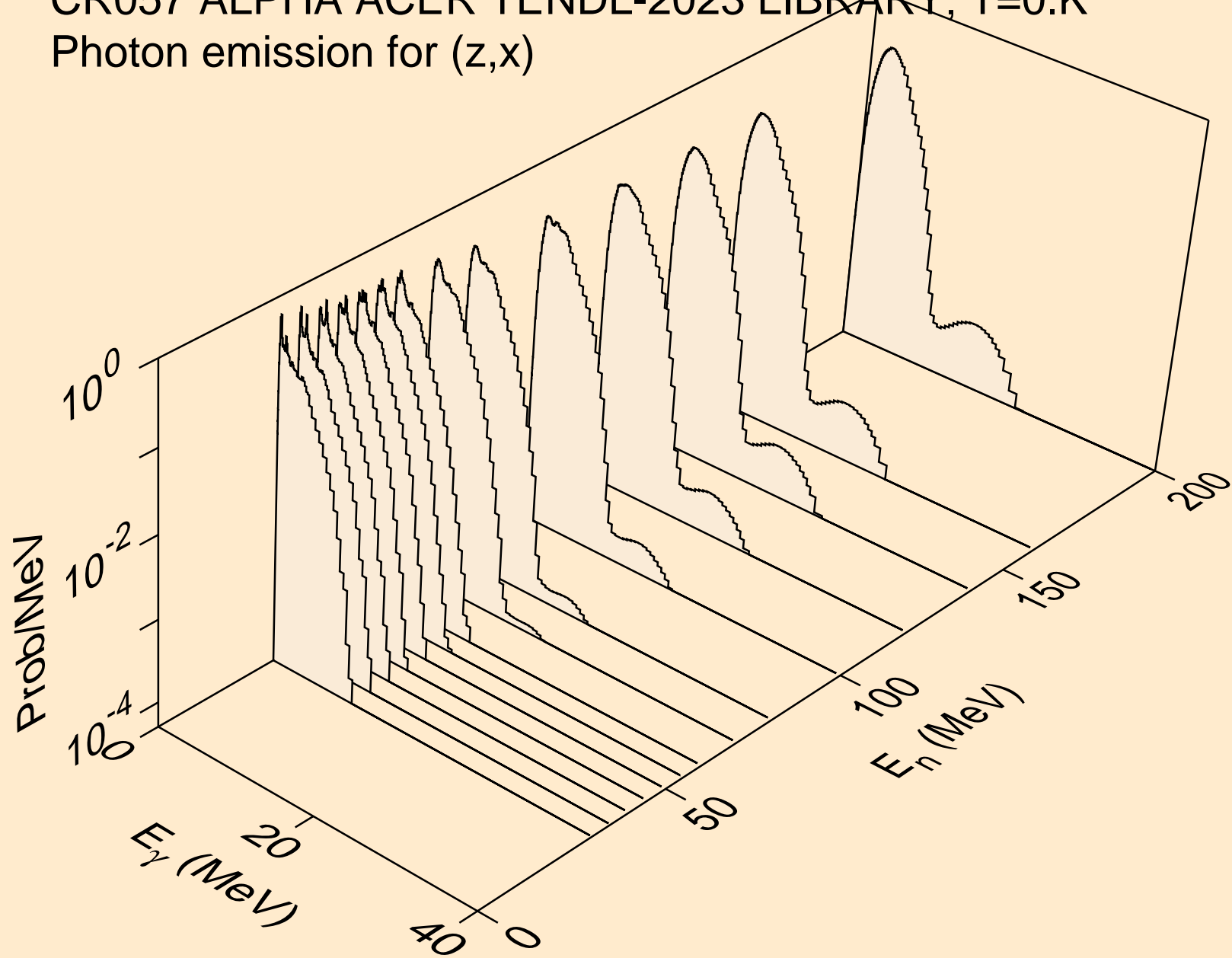




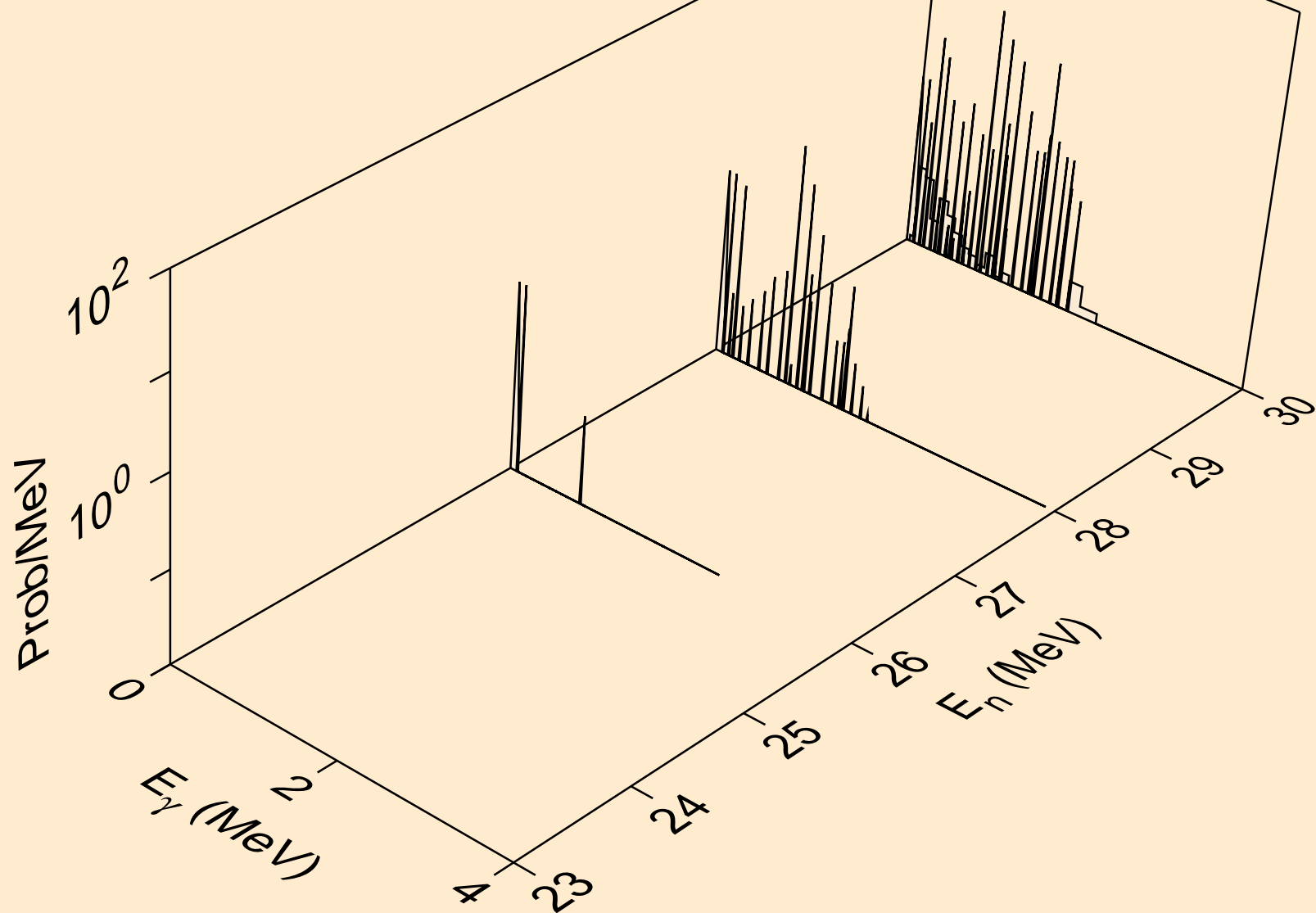
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



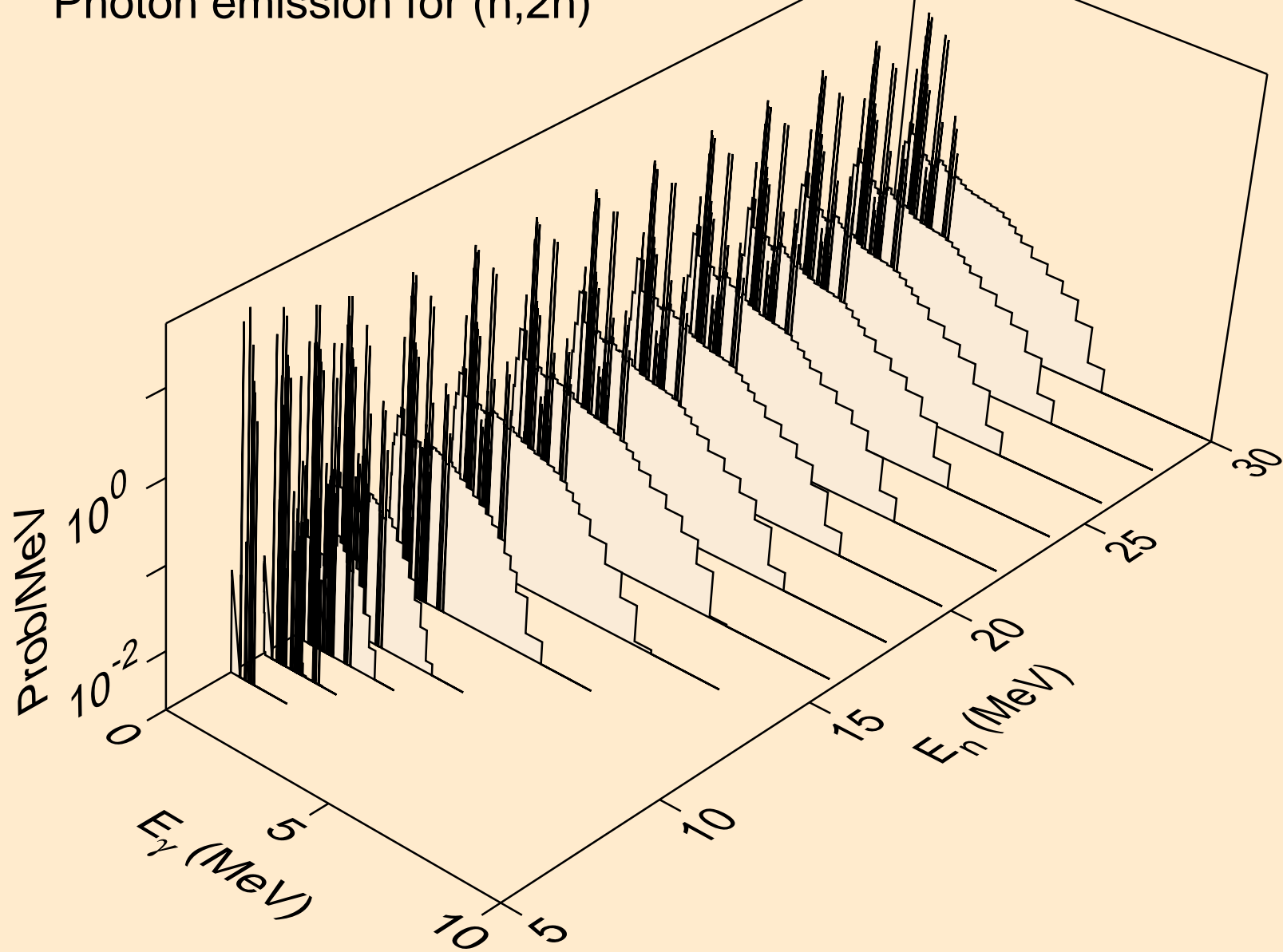
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



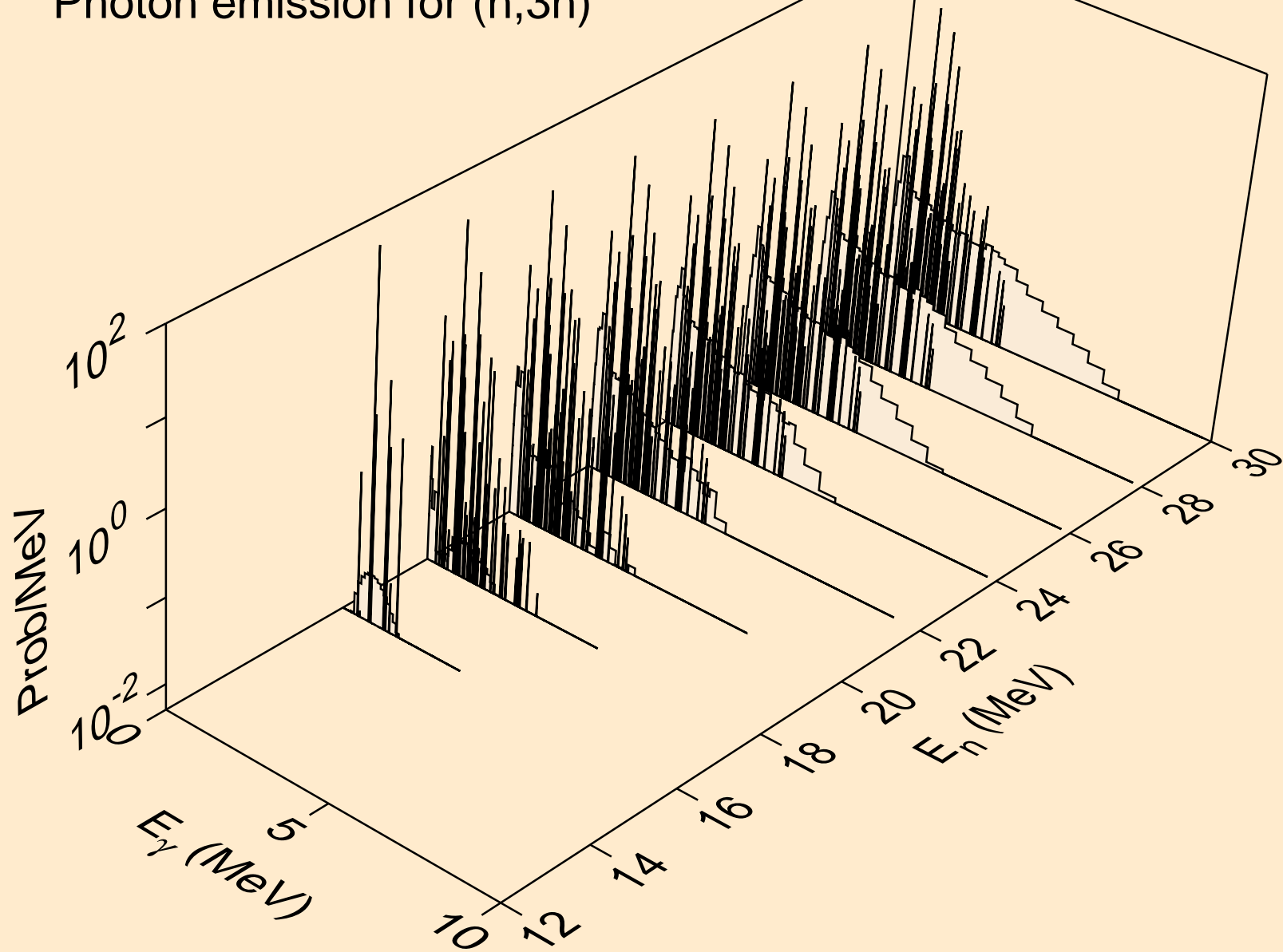
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



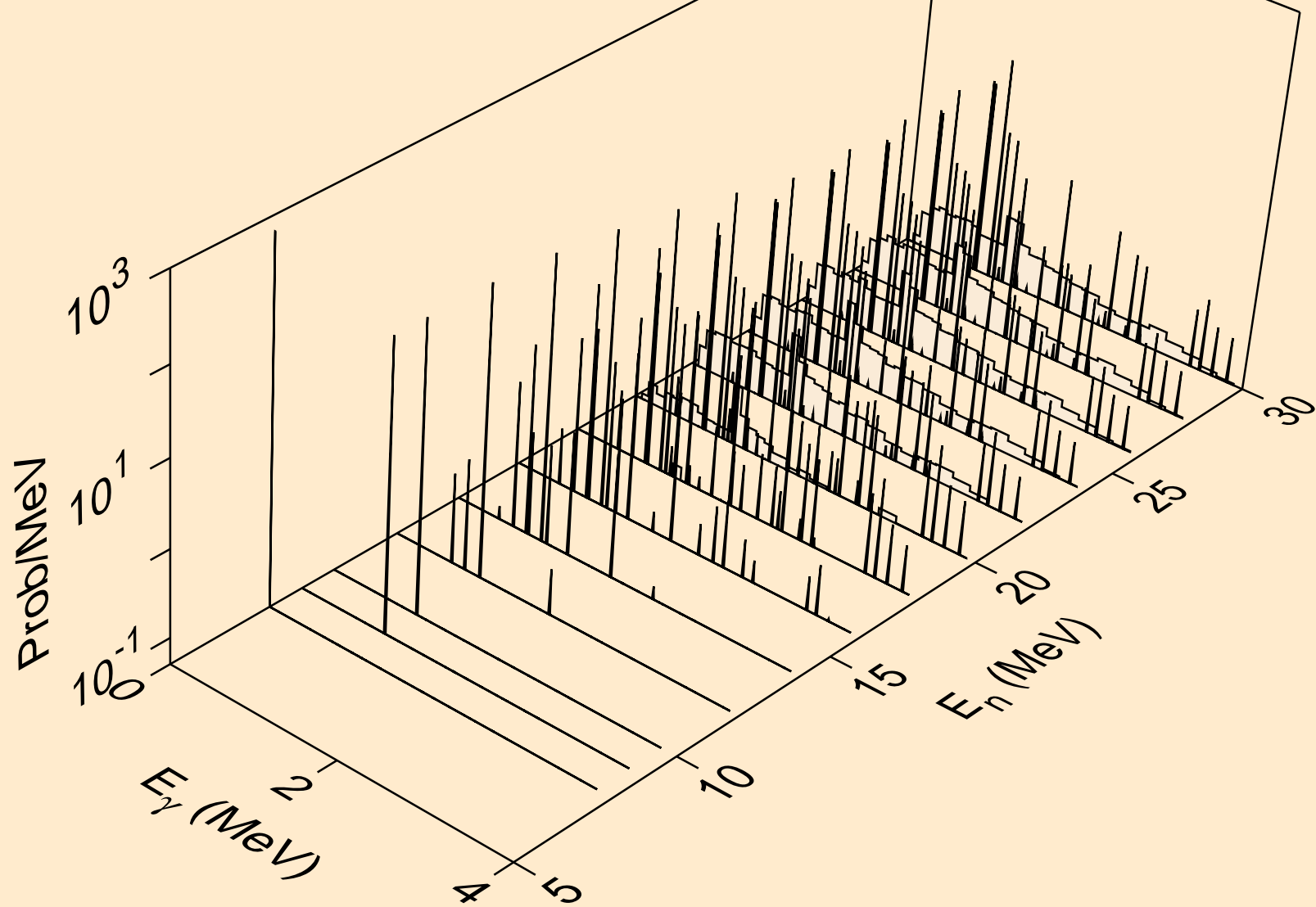
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



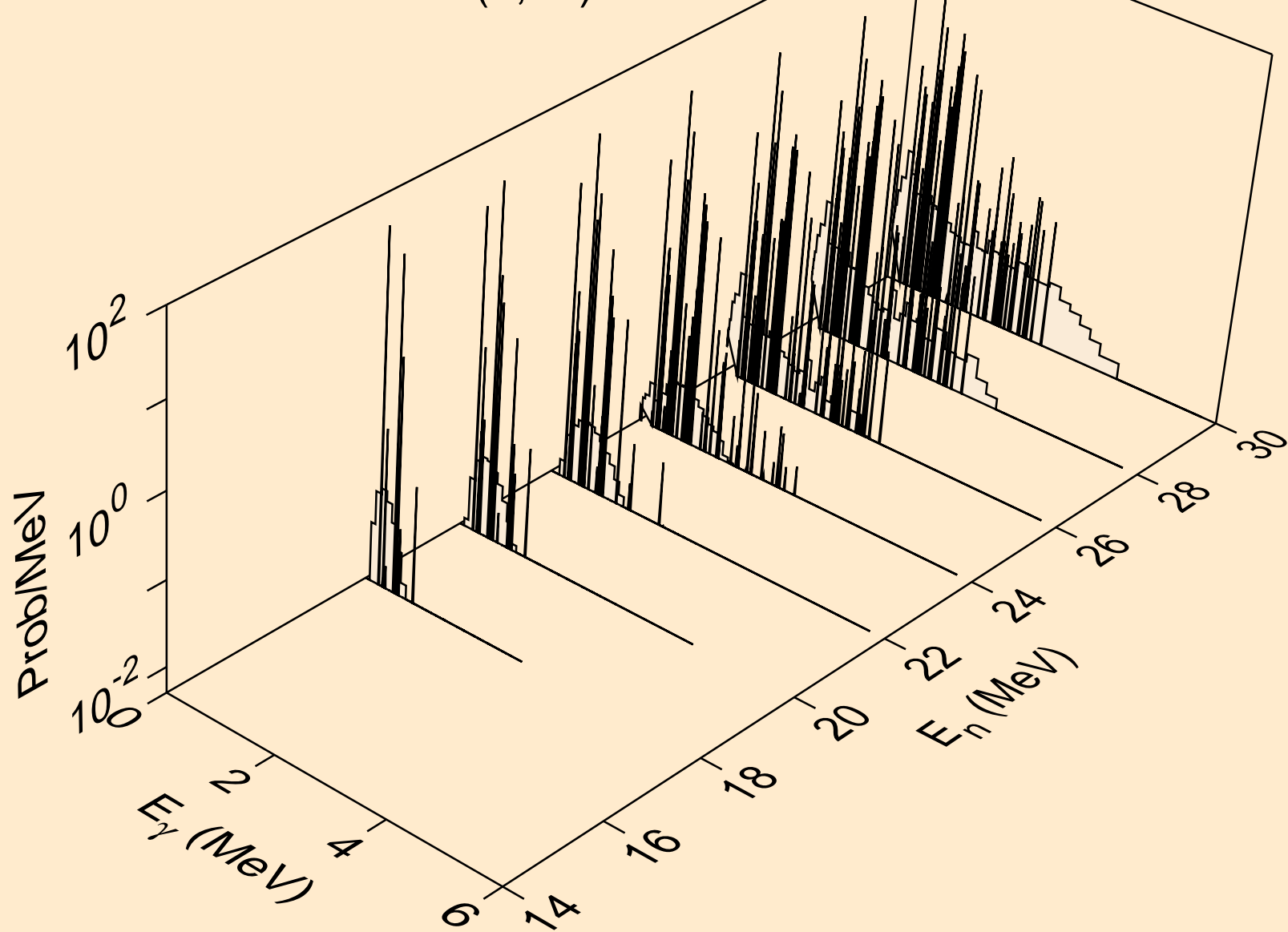
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



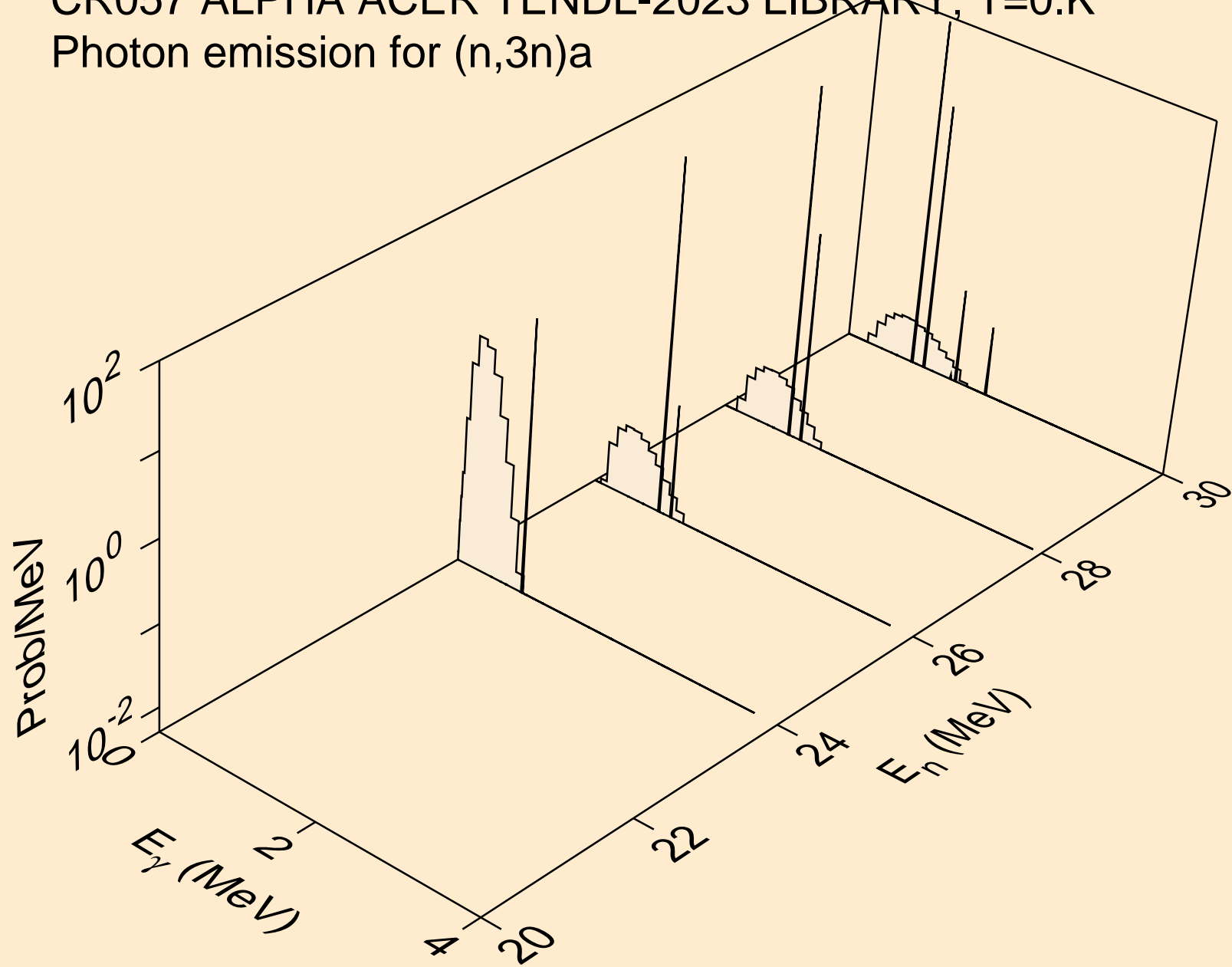
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

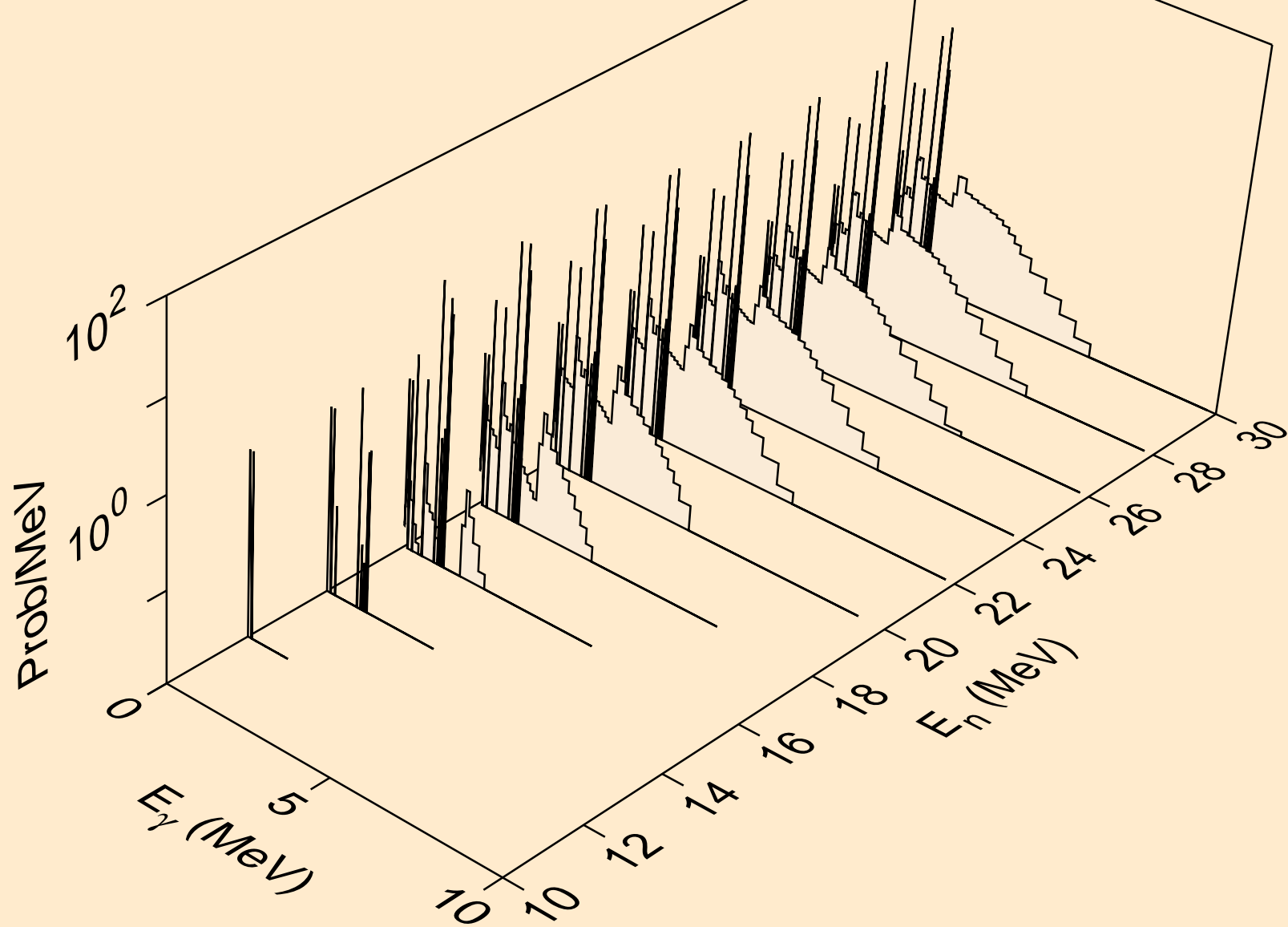


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

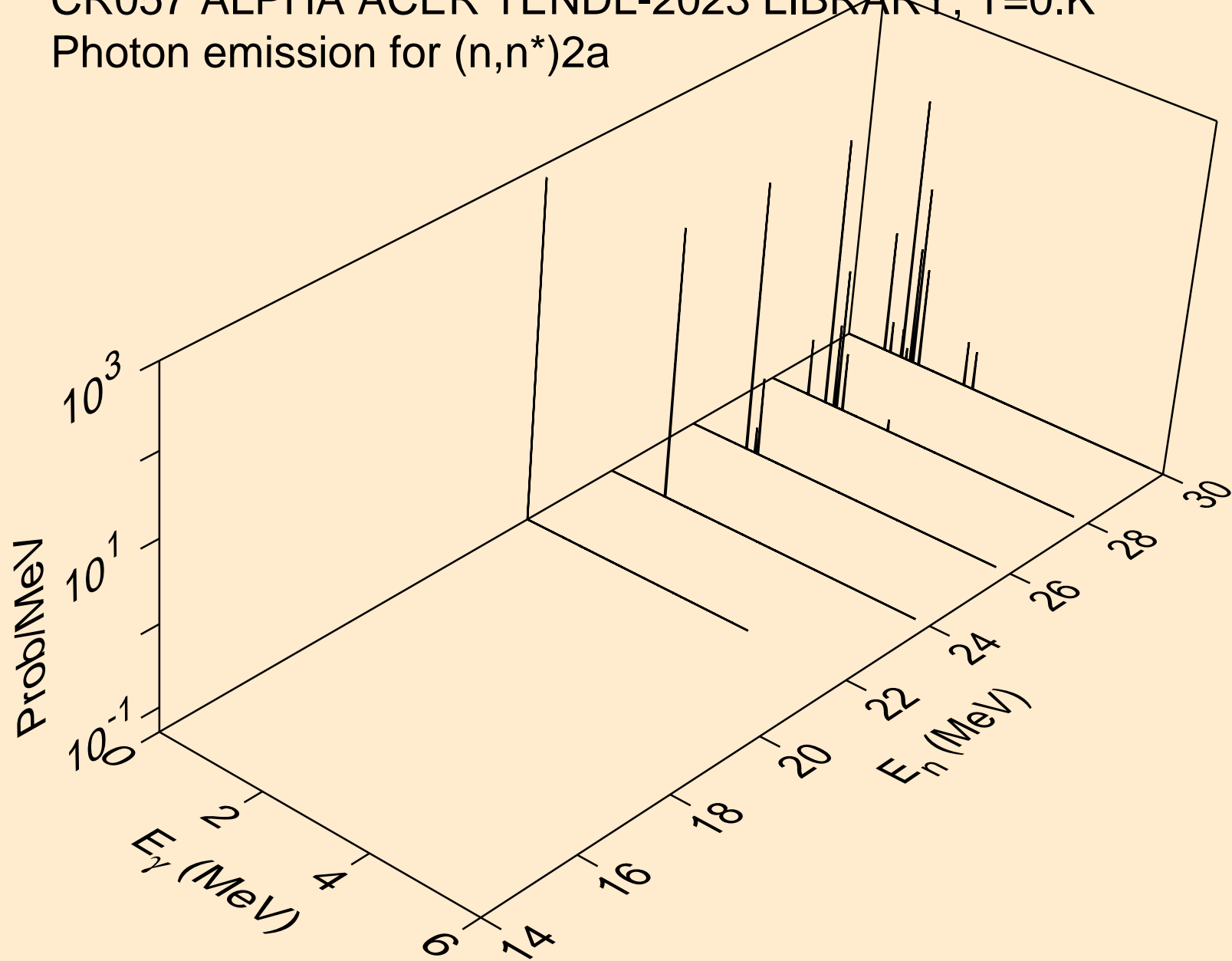




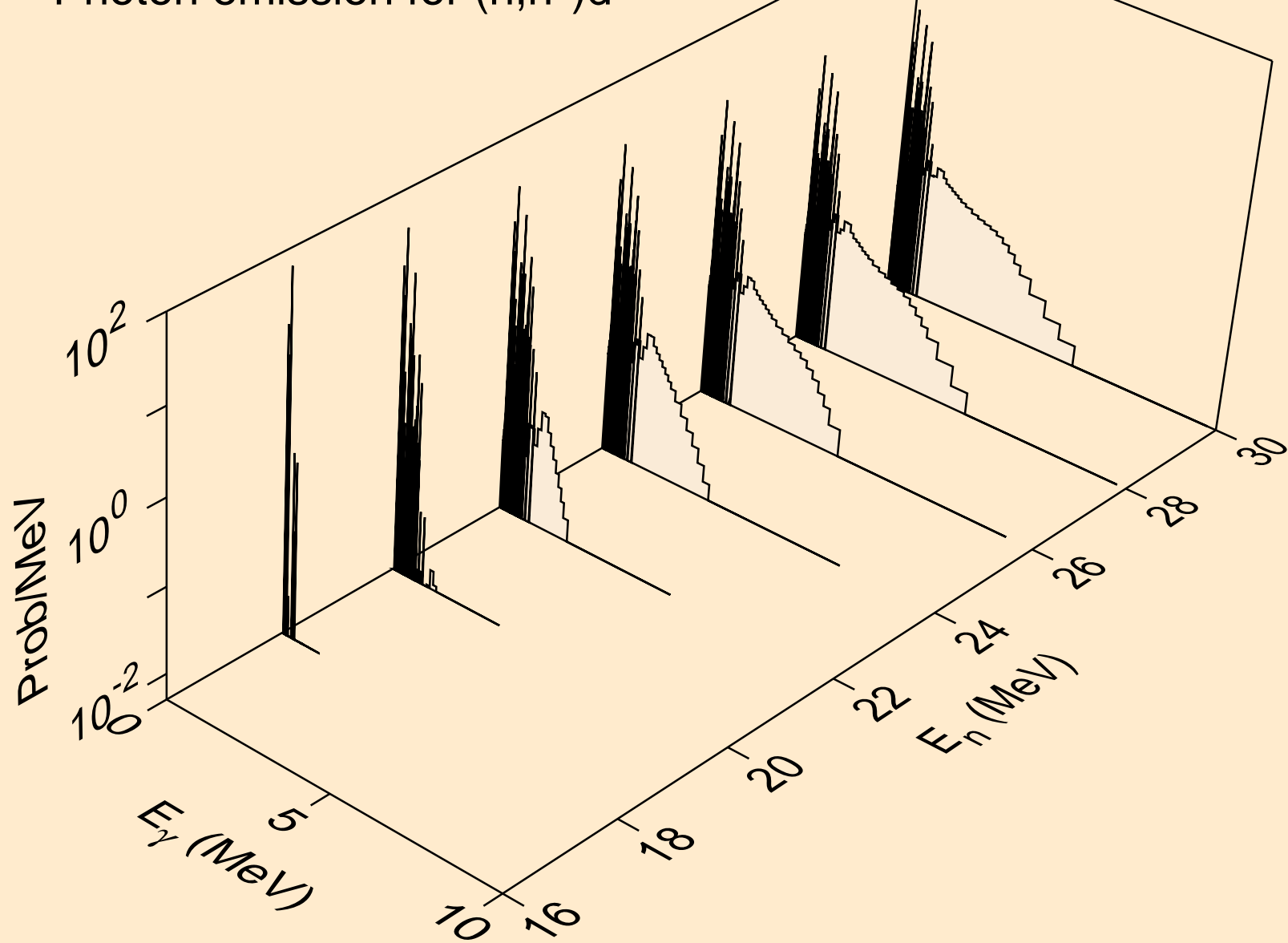
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



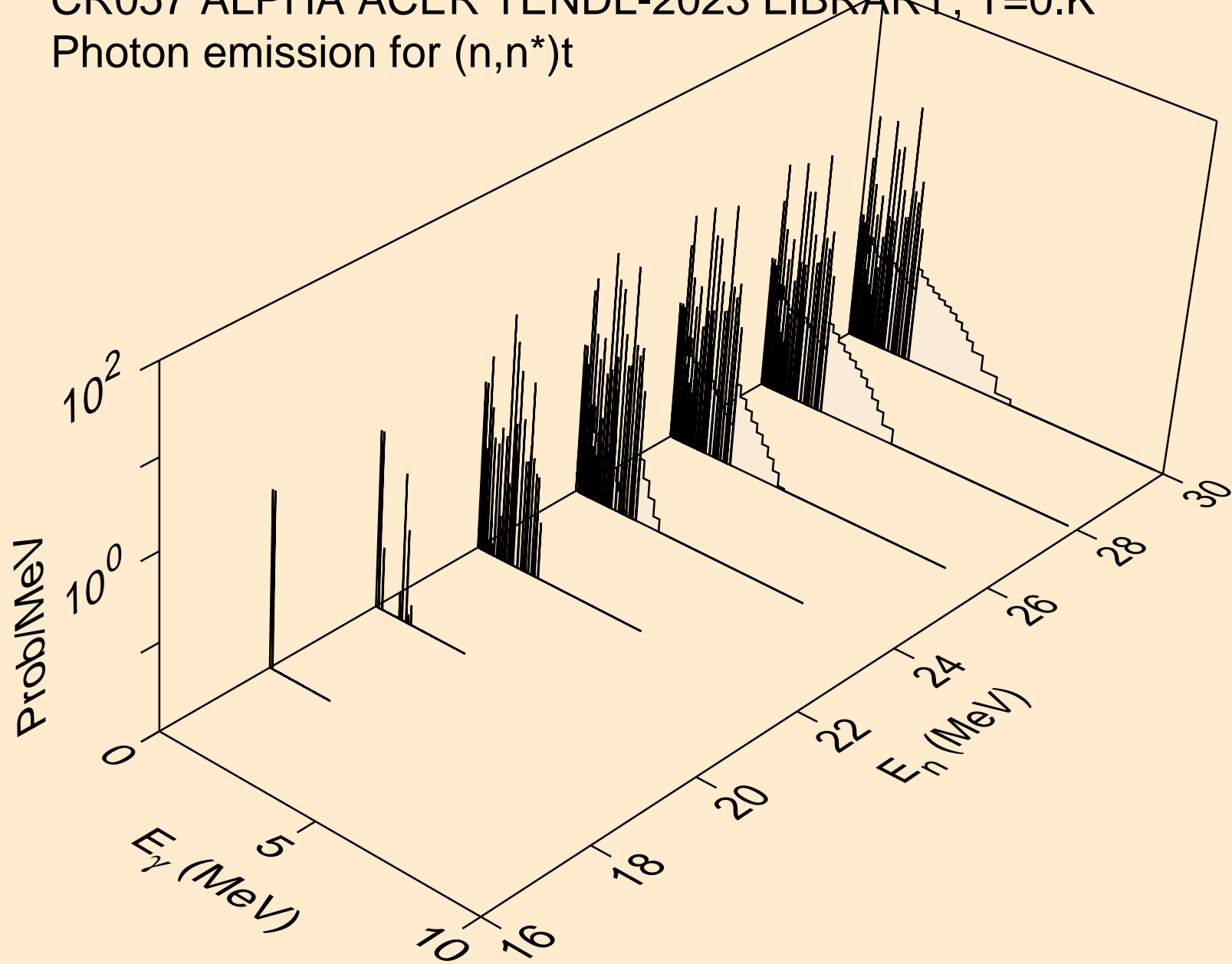
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



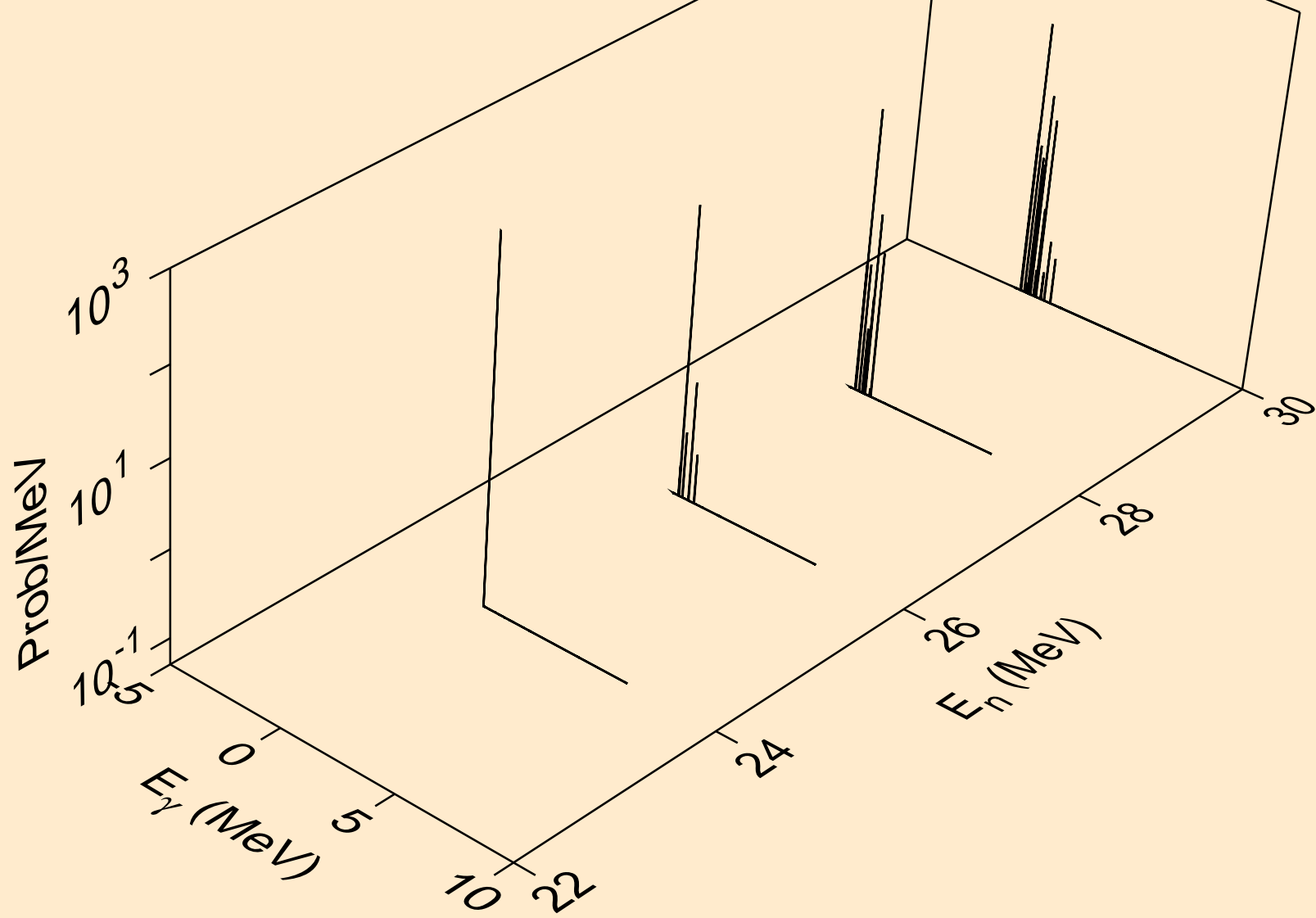
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



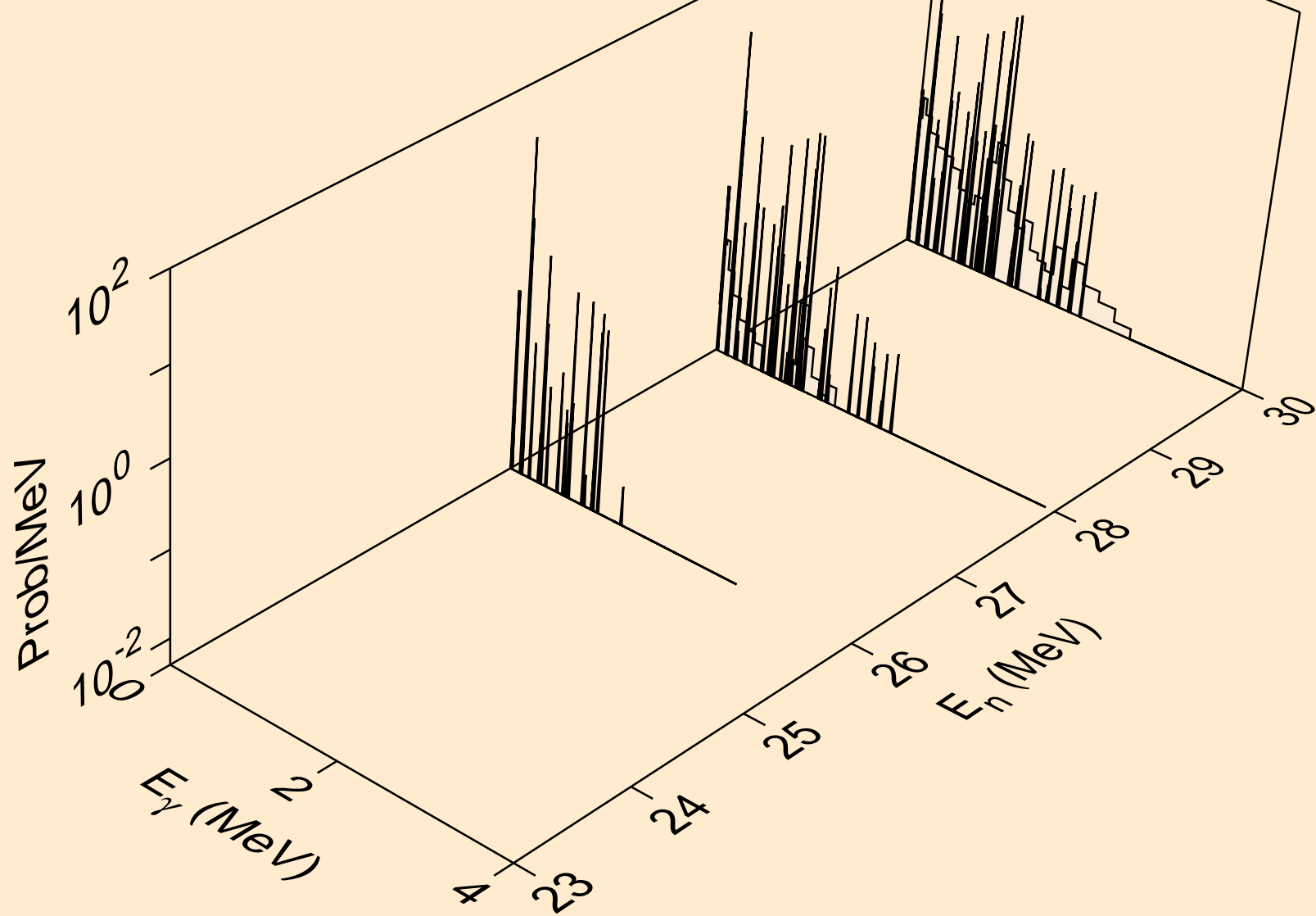
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Photon emission for (n,n\*)t



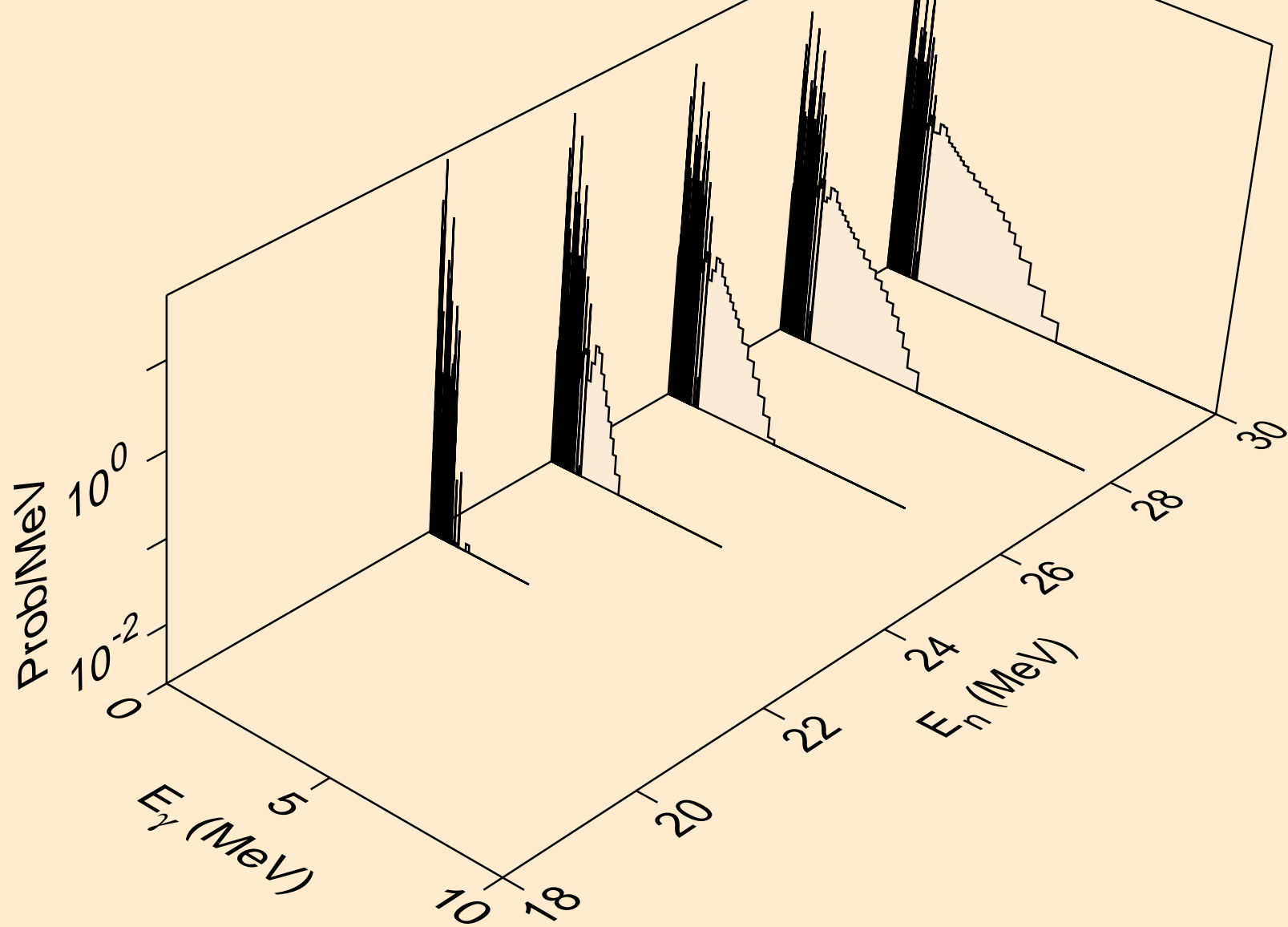
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



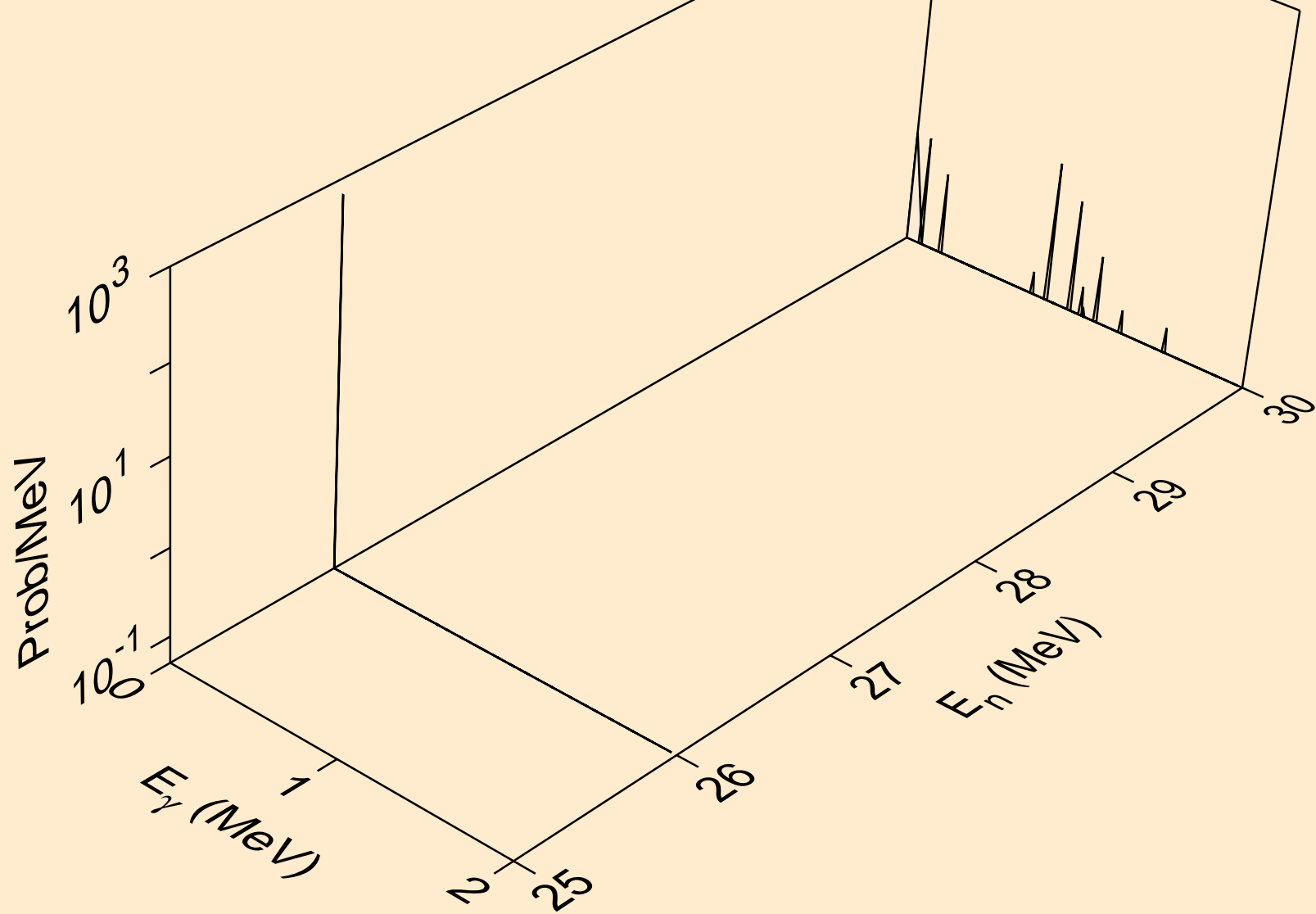
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

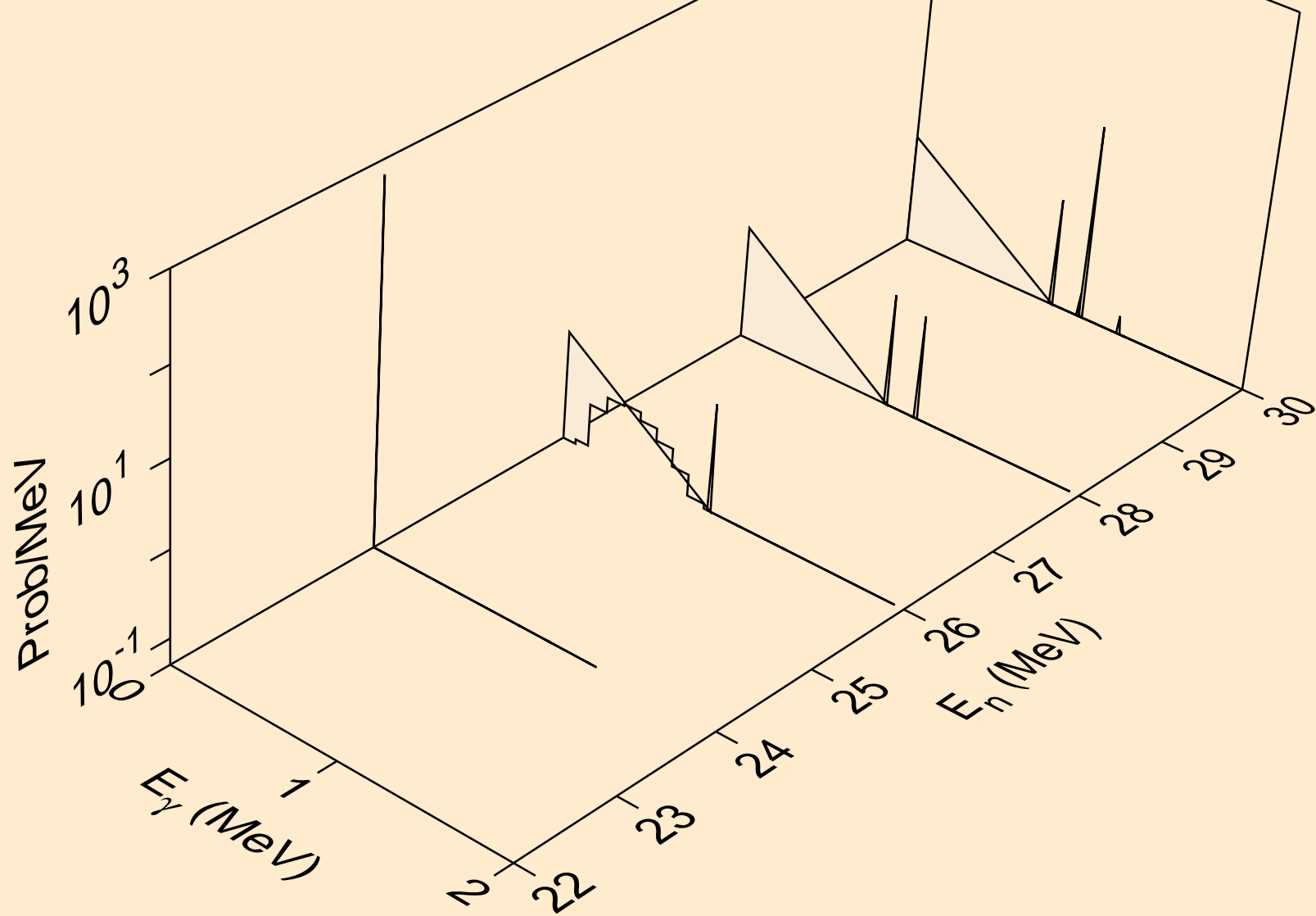


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

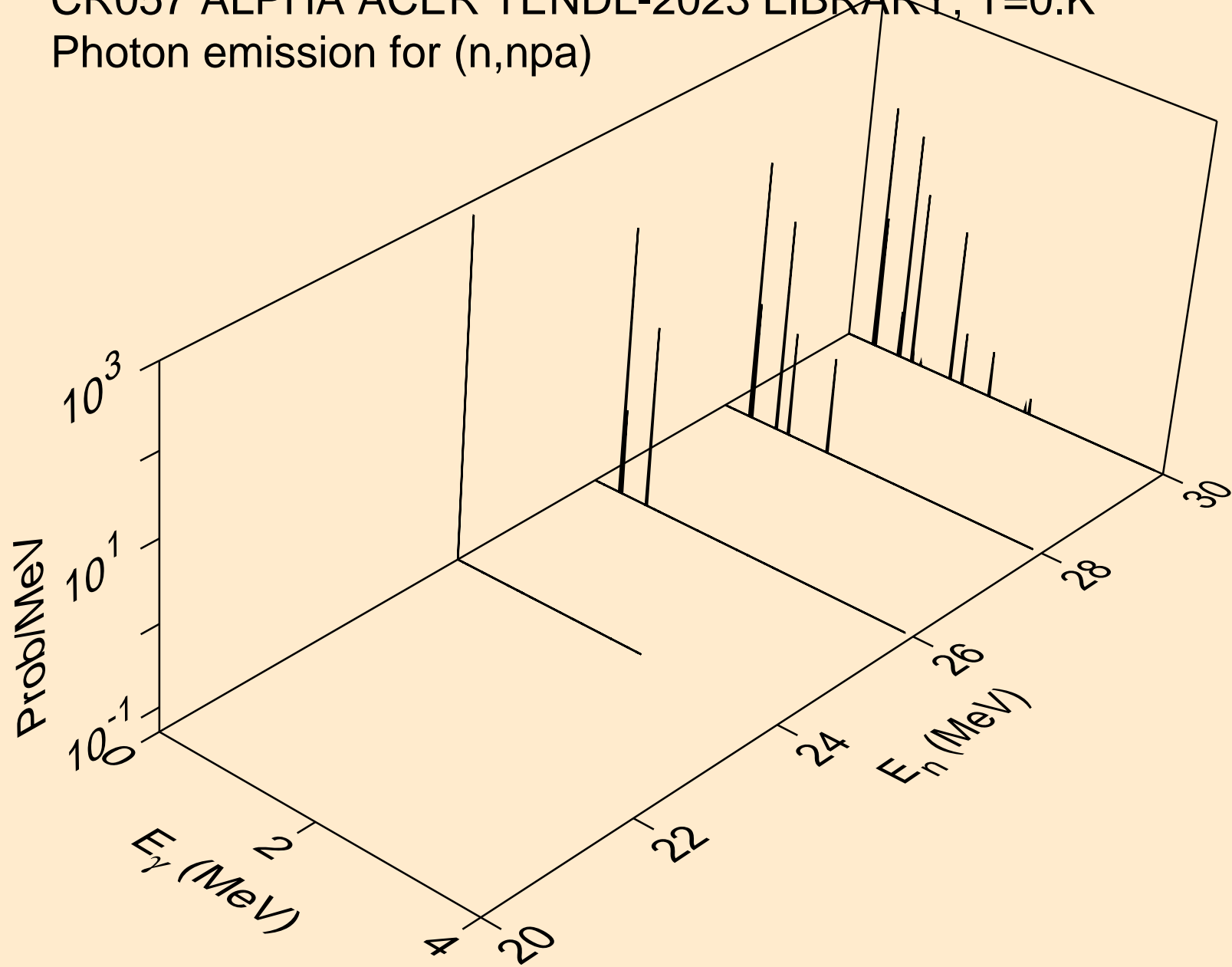




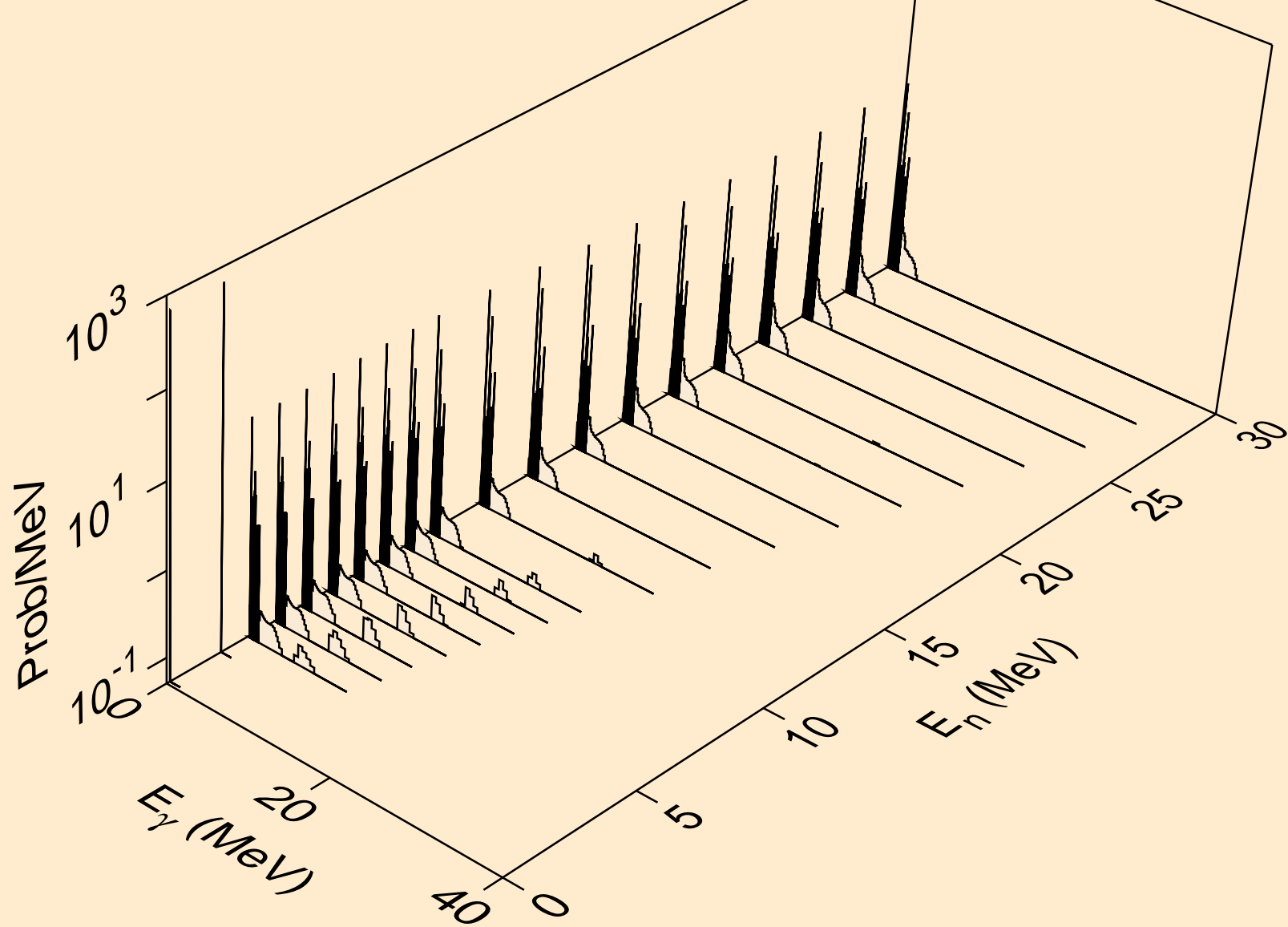
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



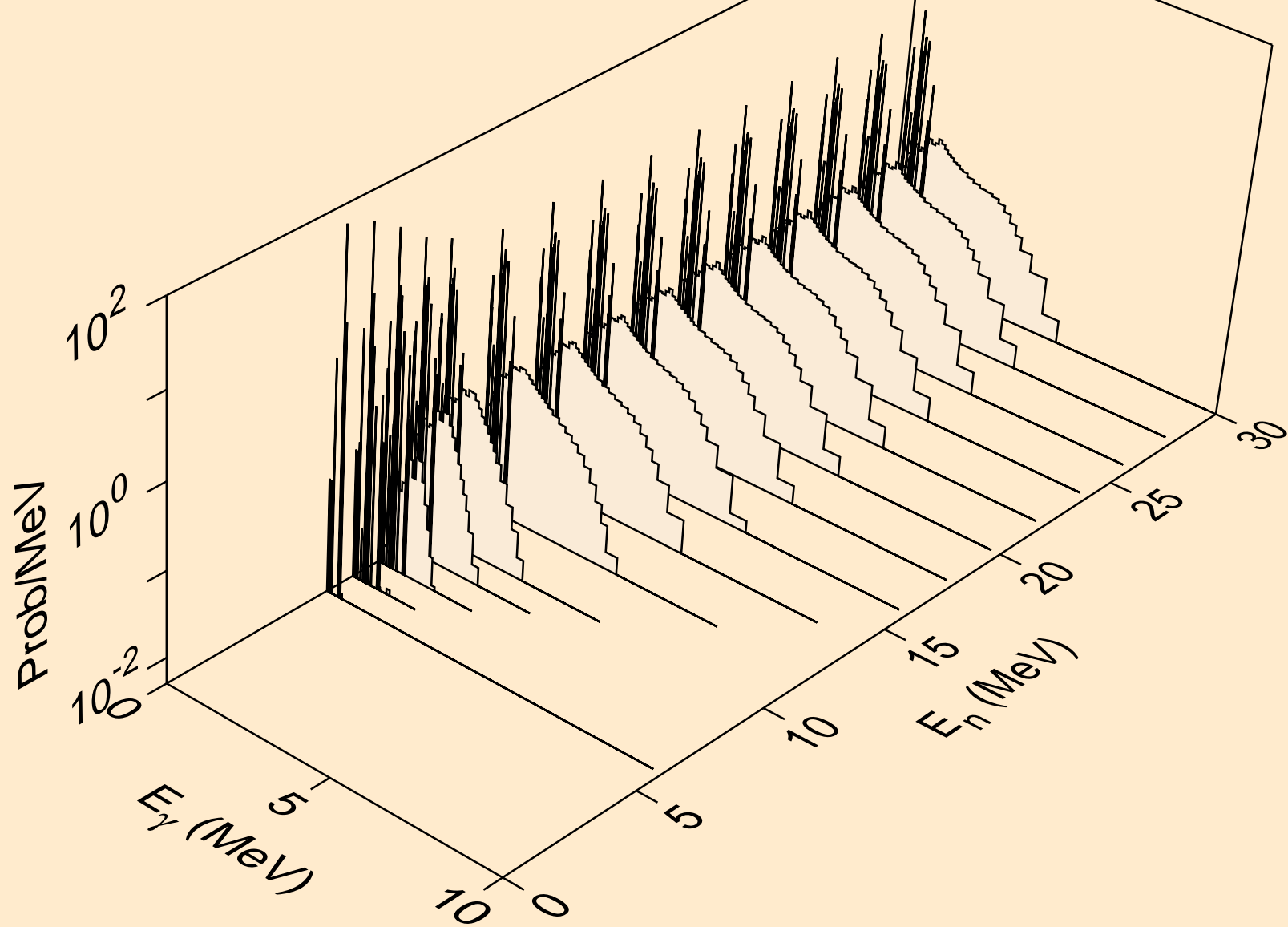
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



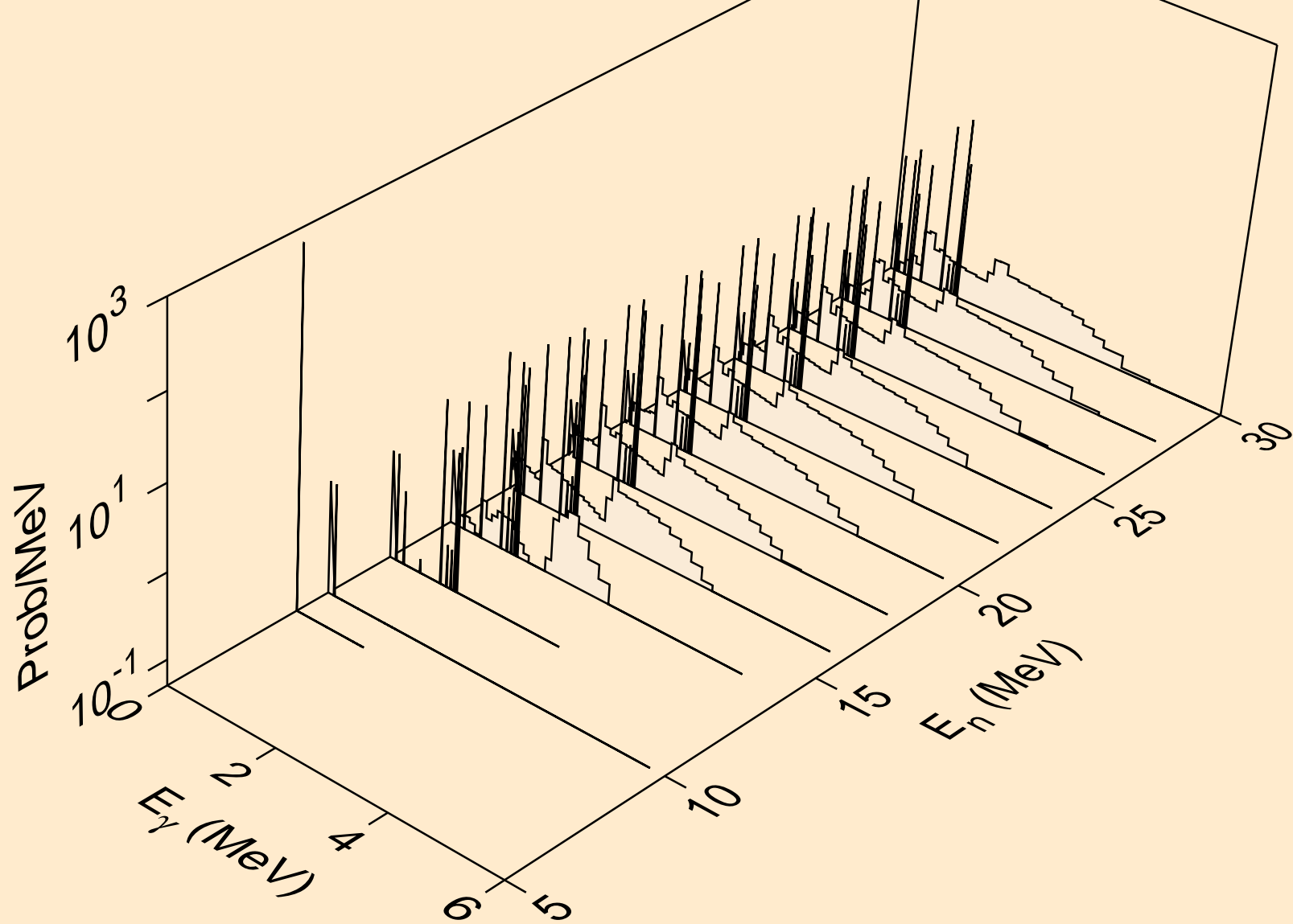
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Photon emission for (n,gma)



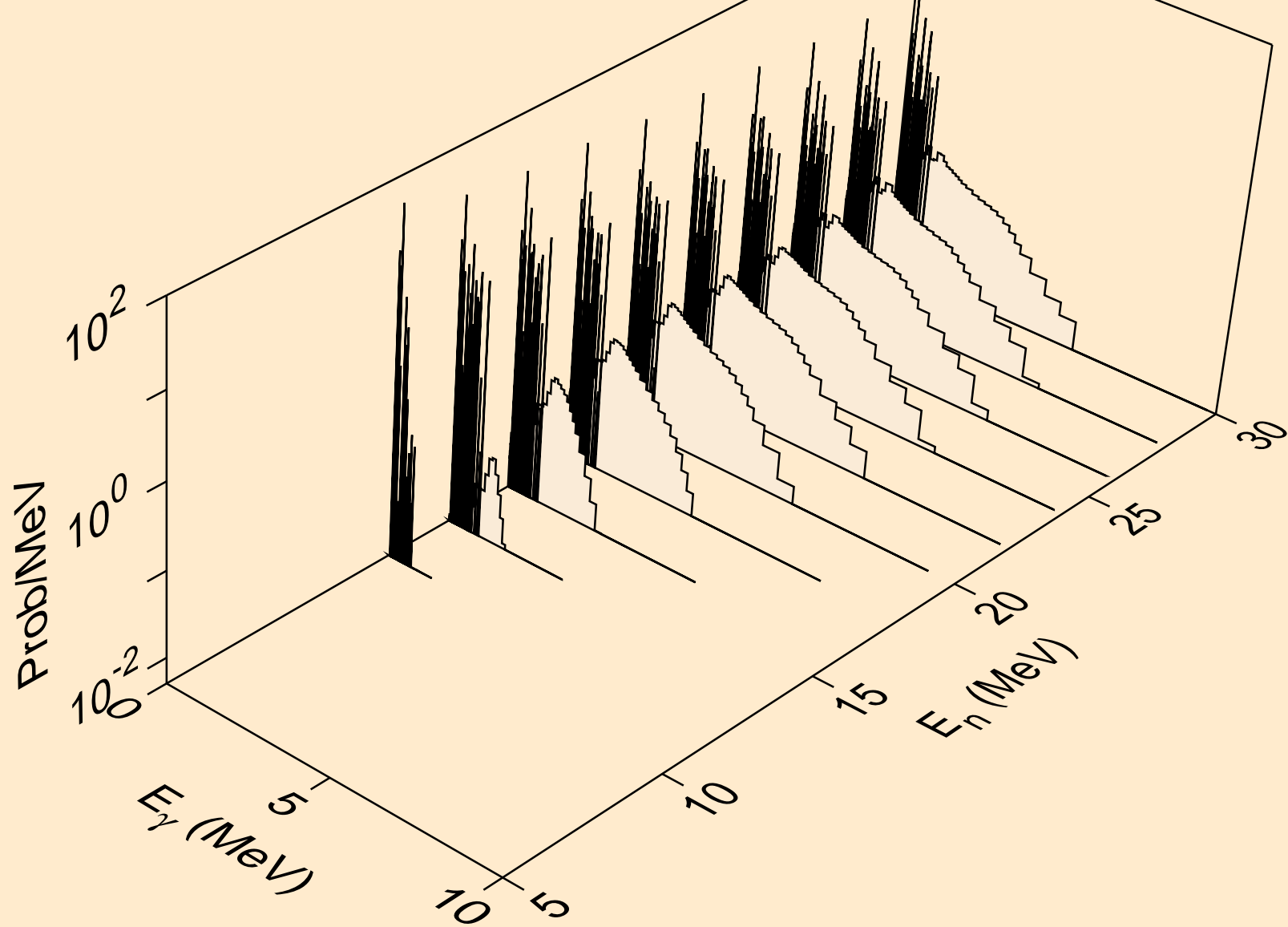
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



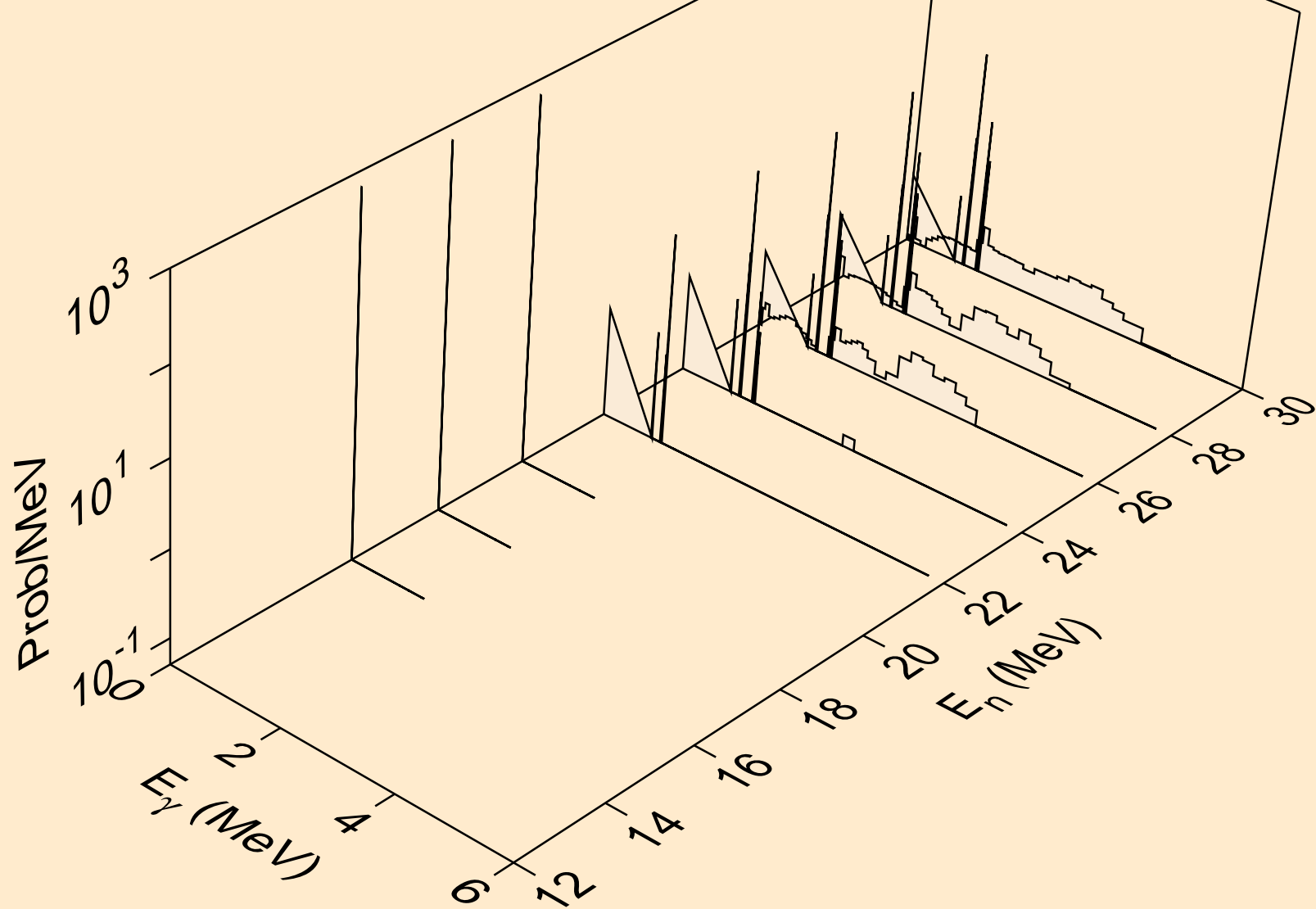
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



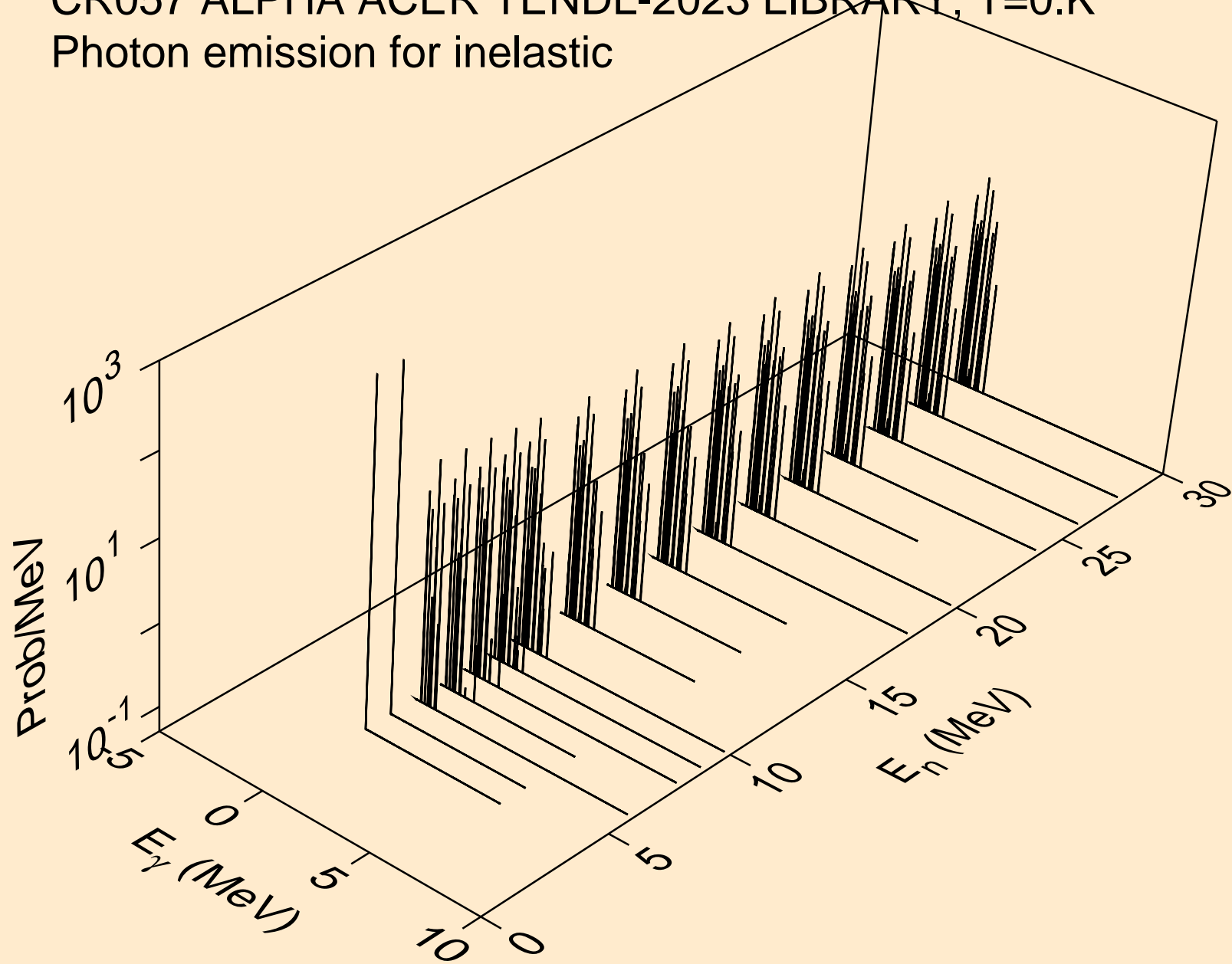
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

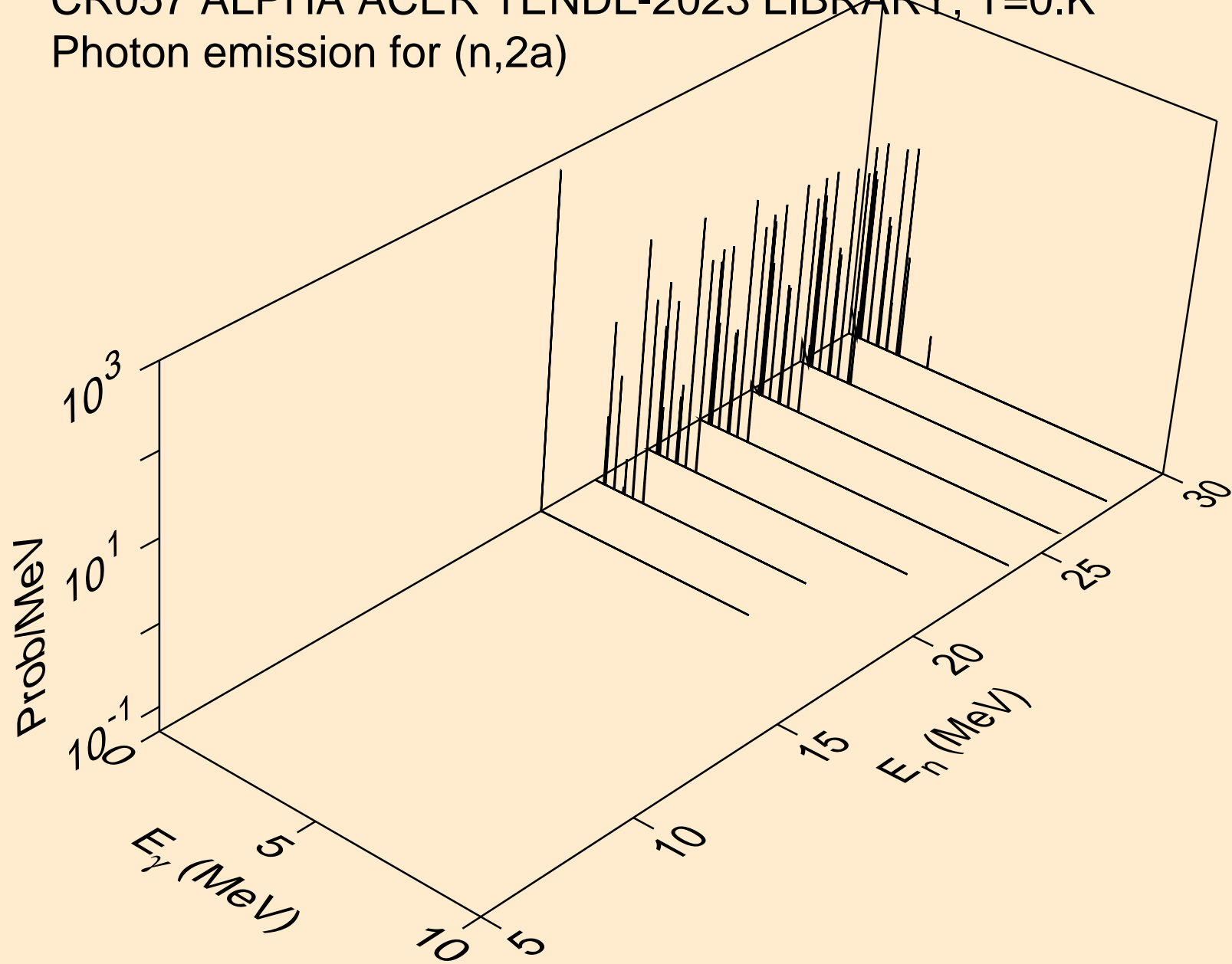


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

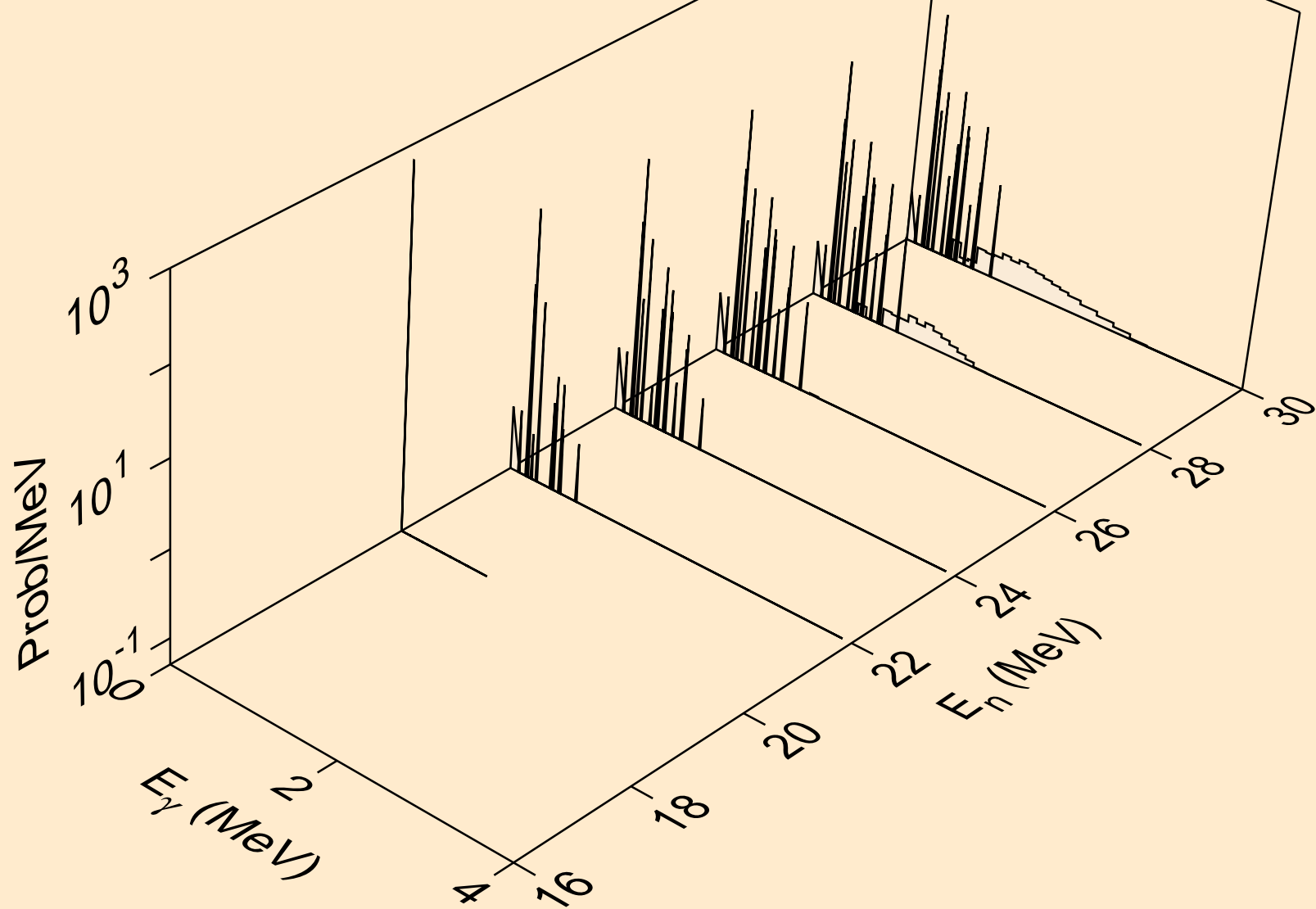




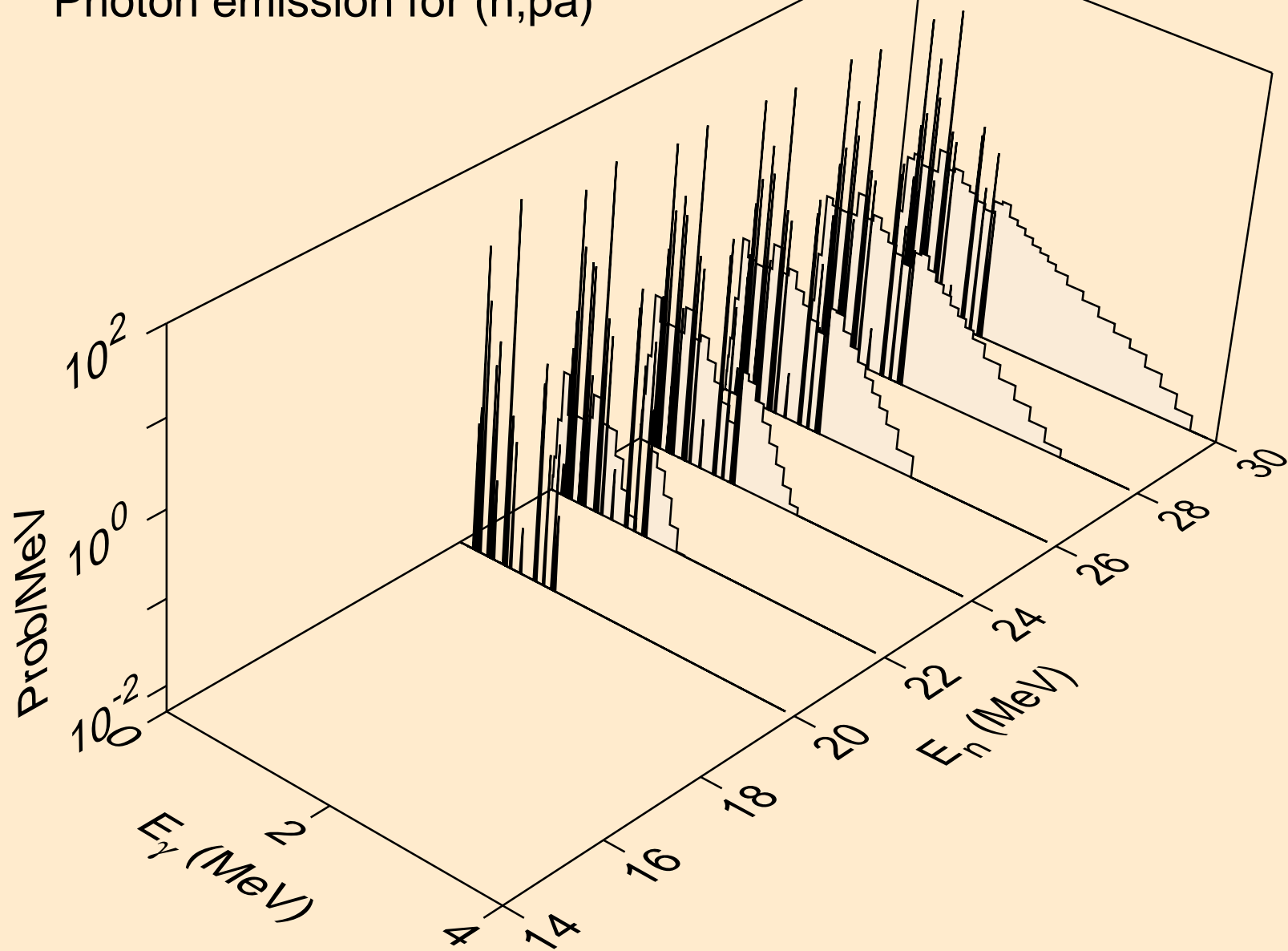
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



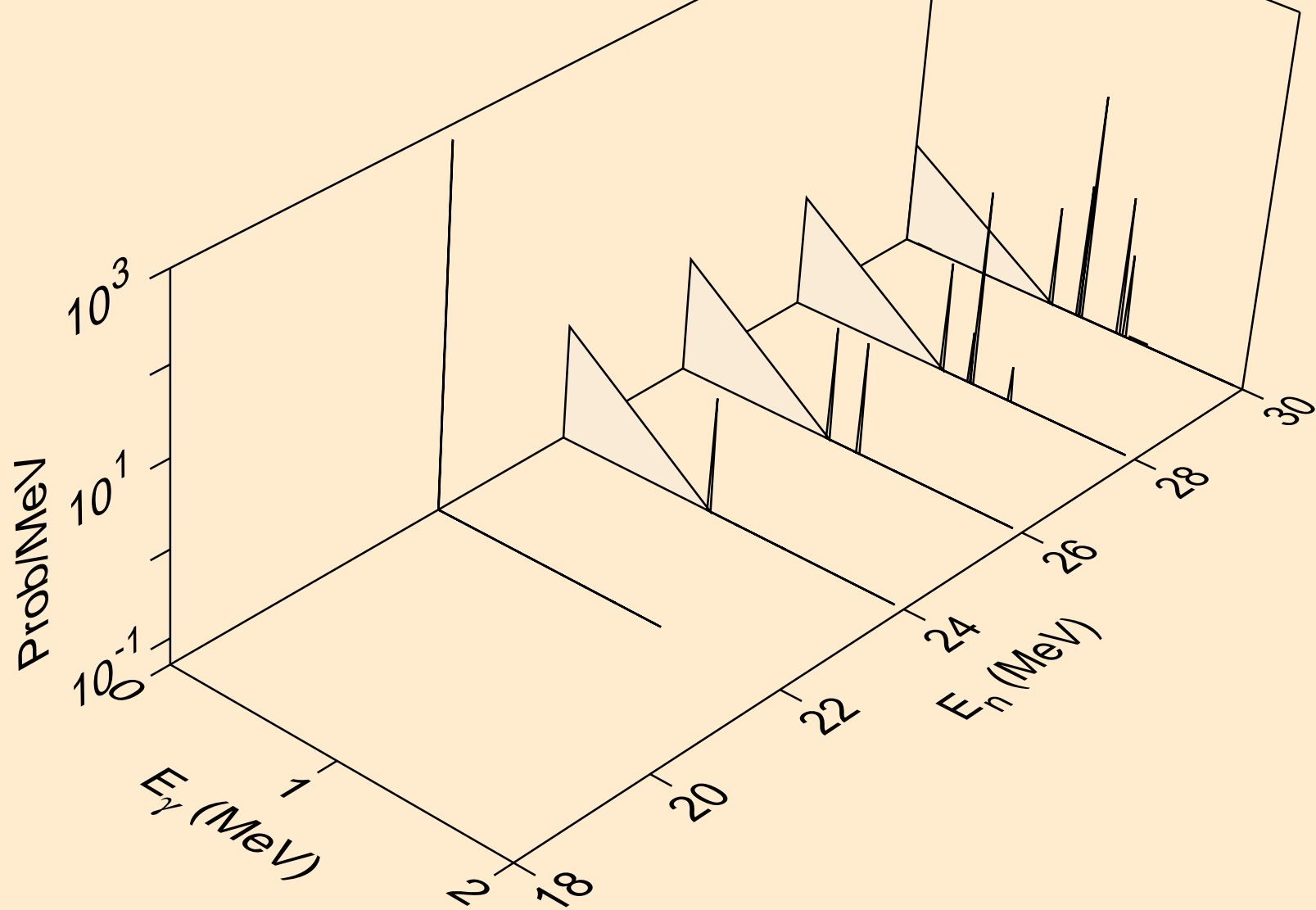
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



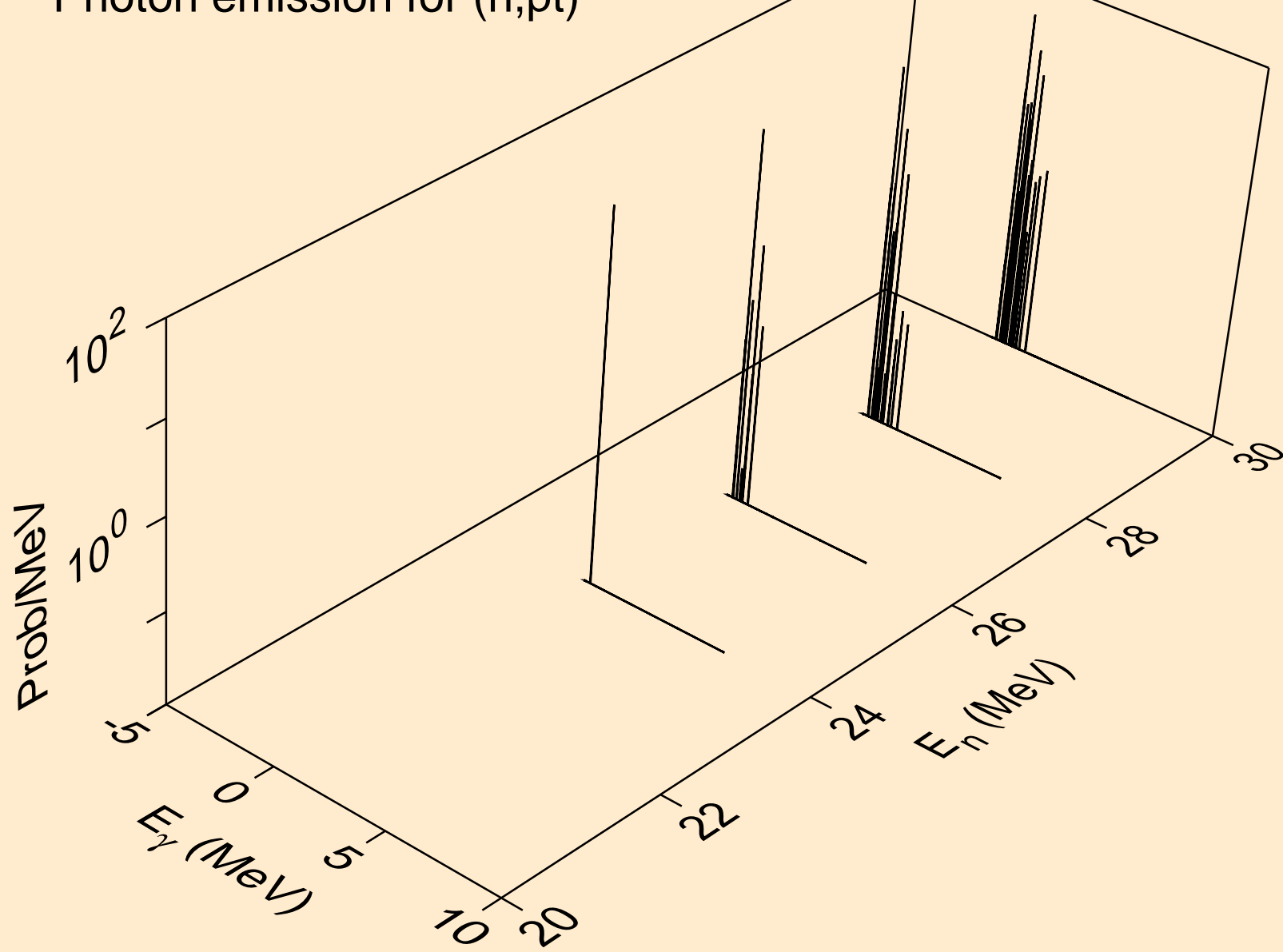
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



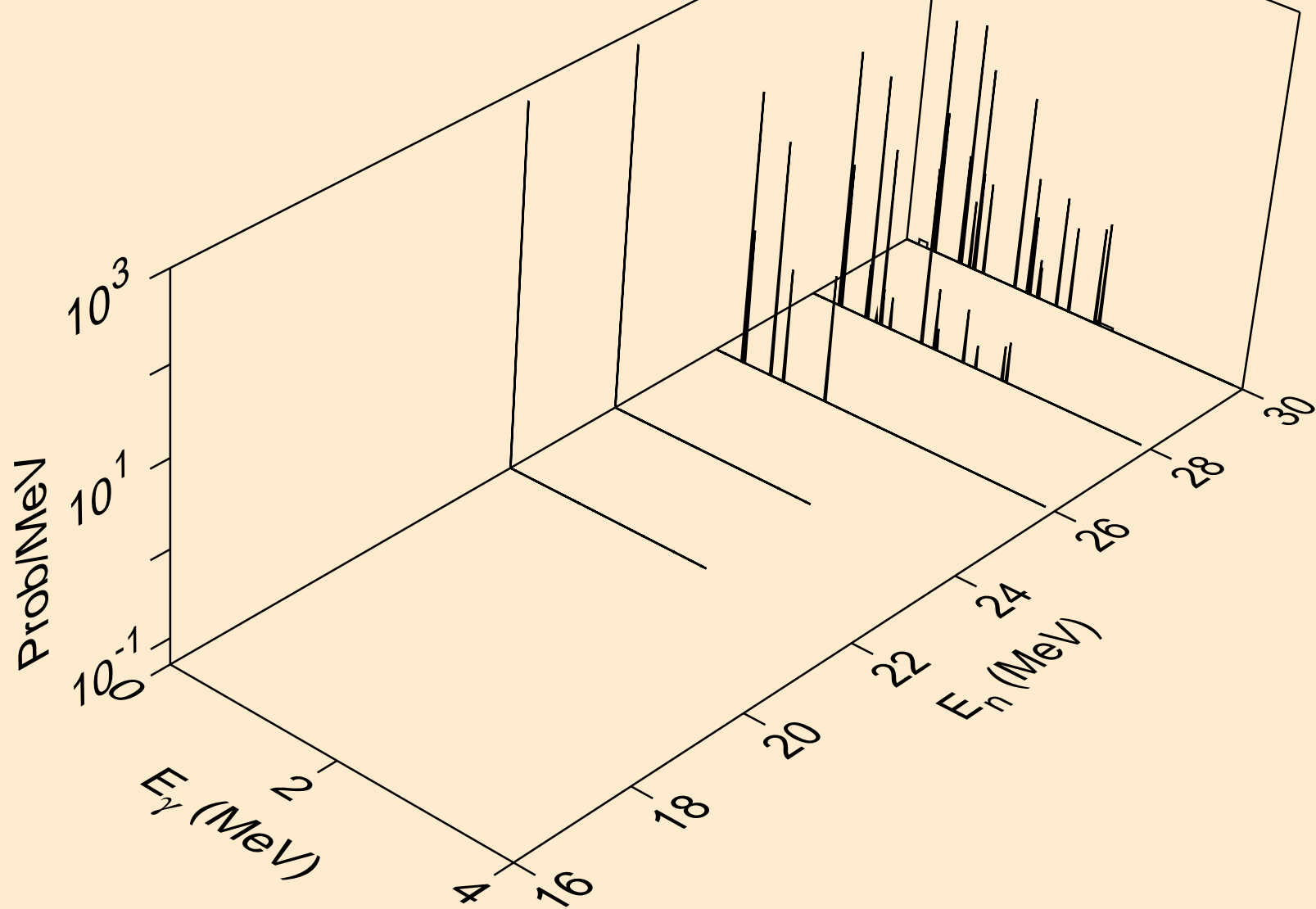
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



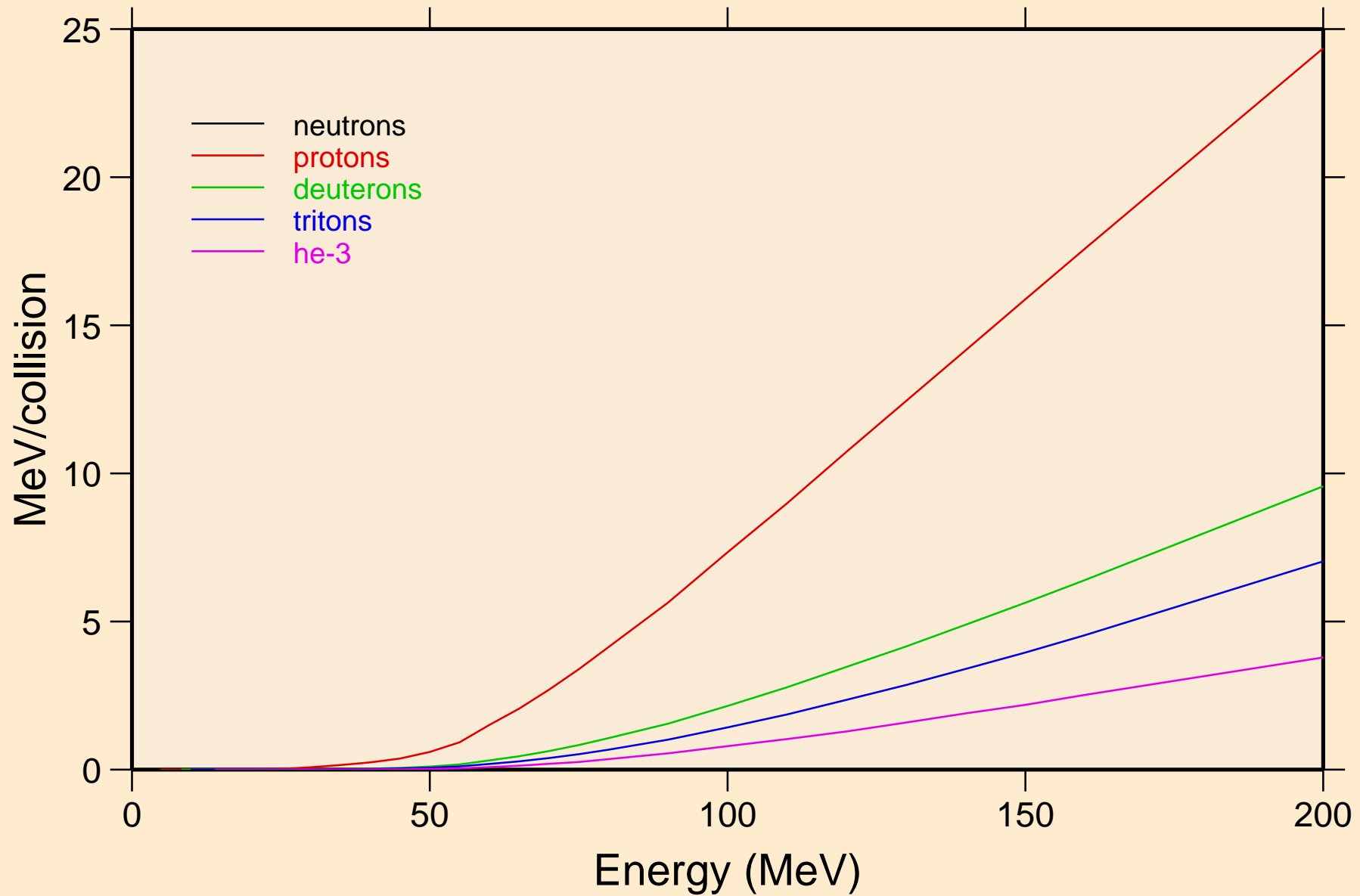
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



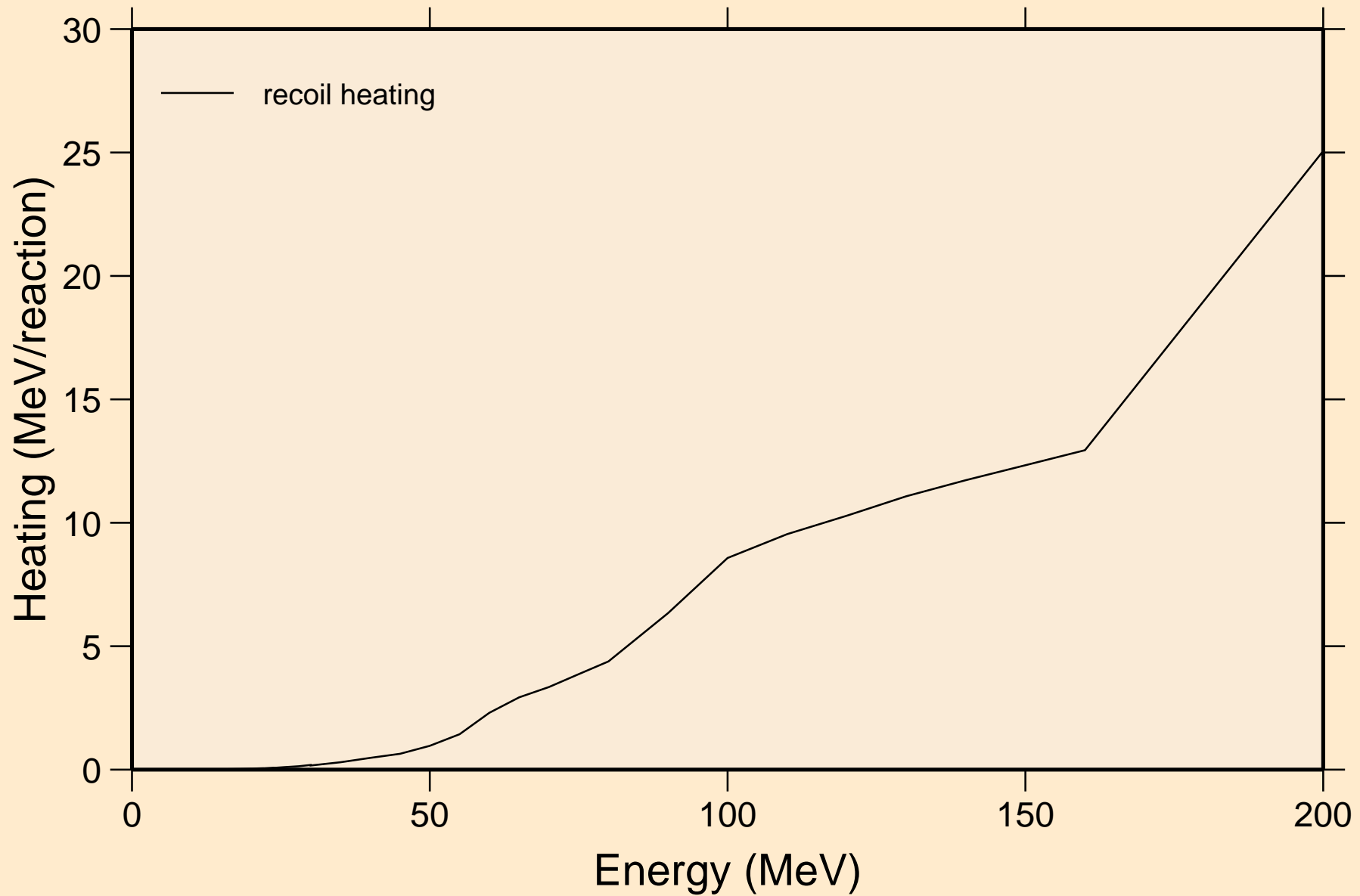
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

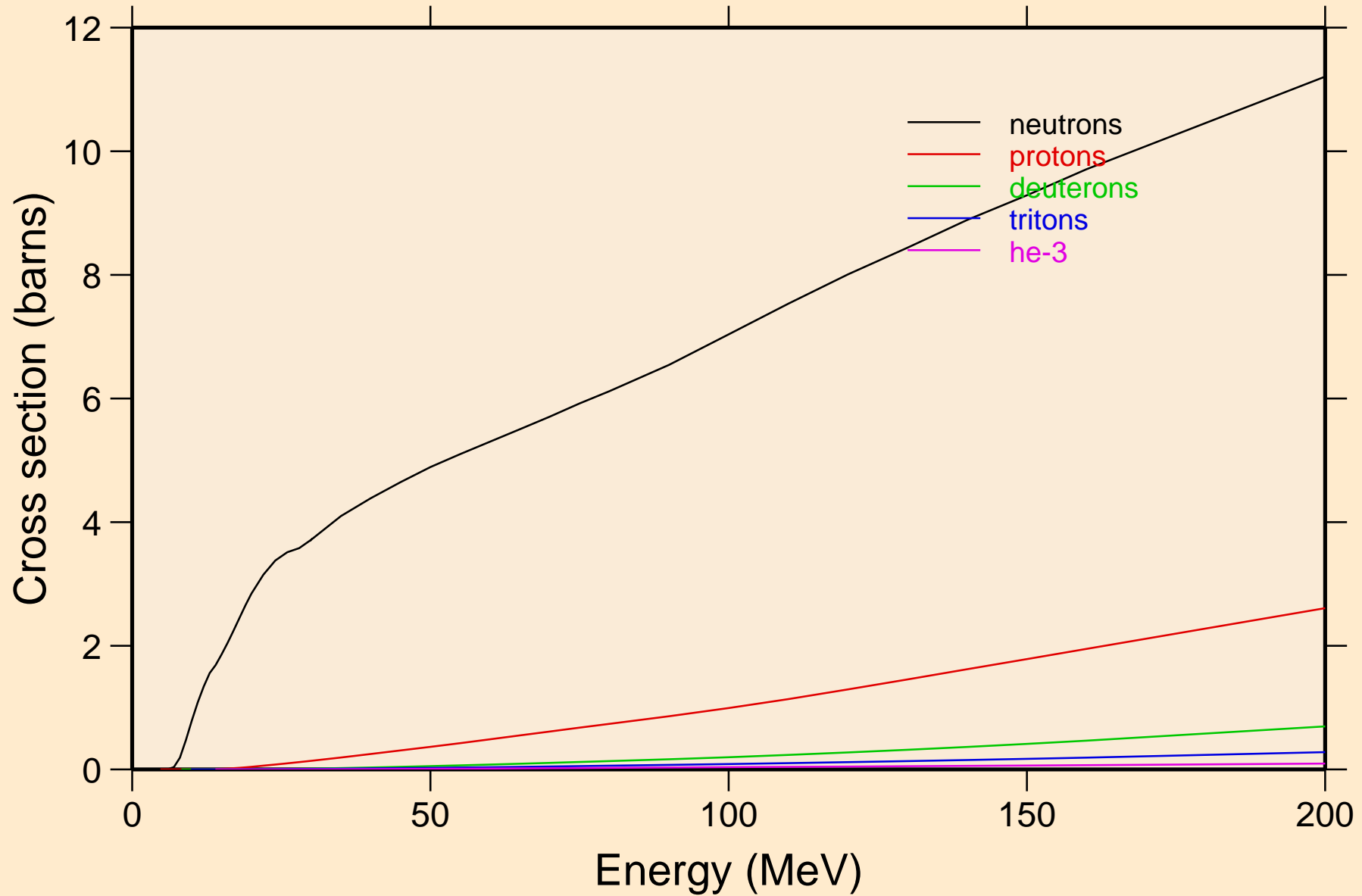


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

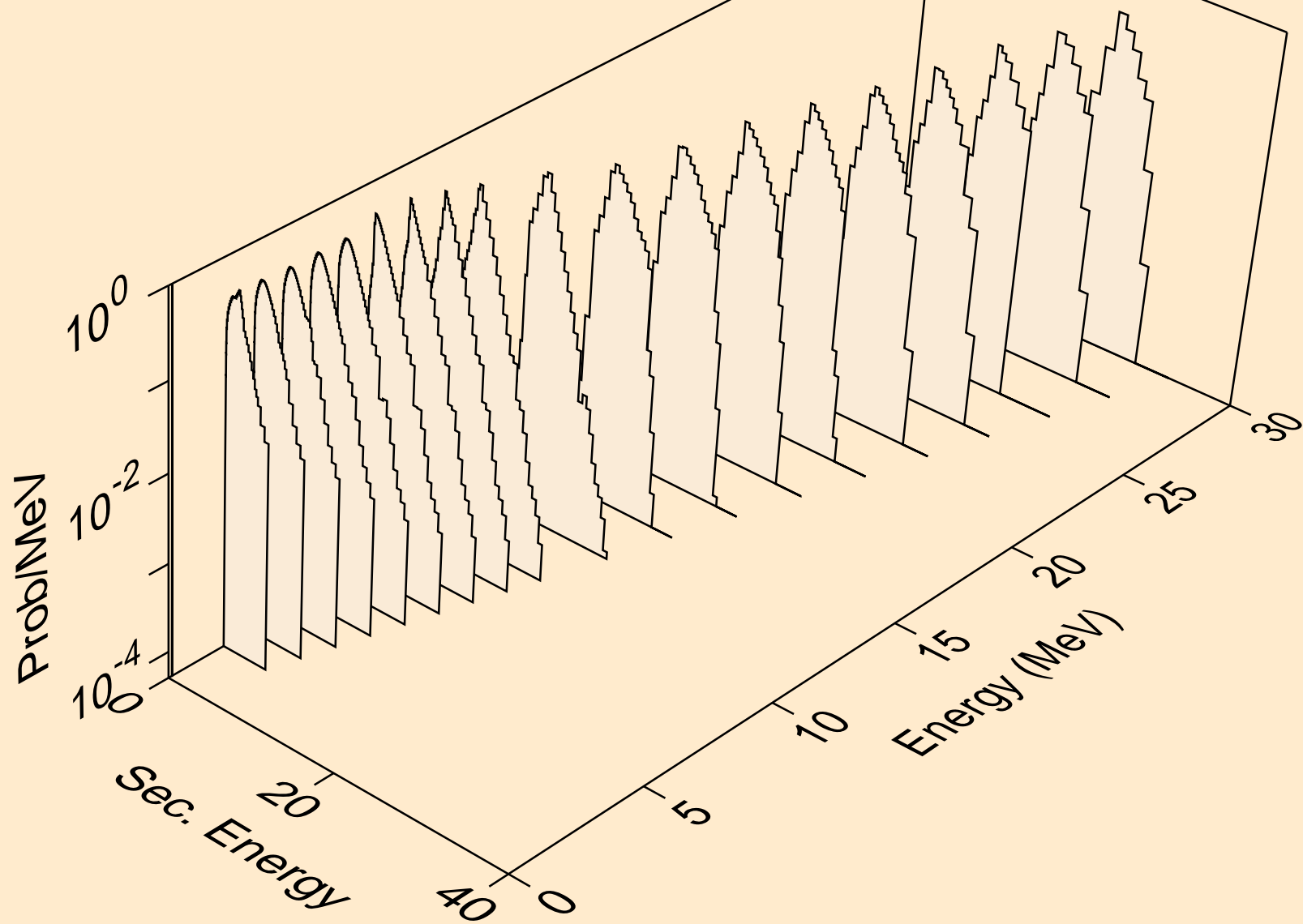




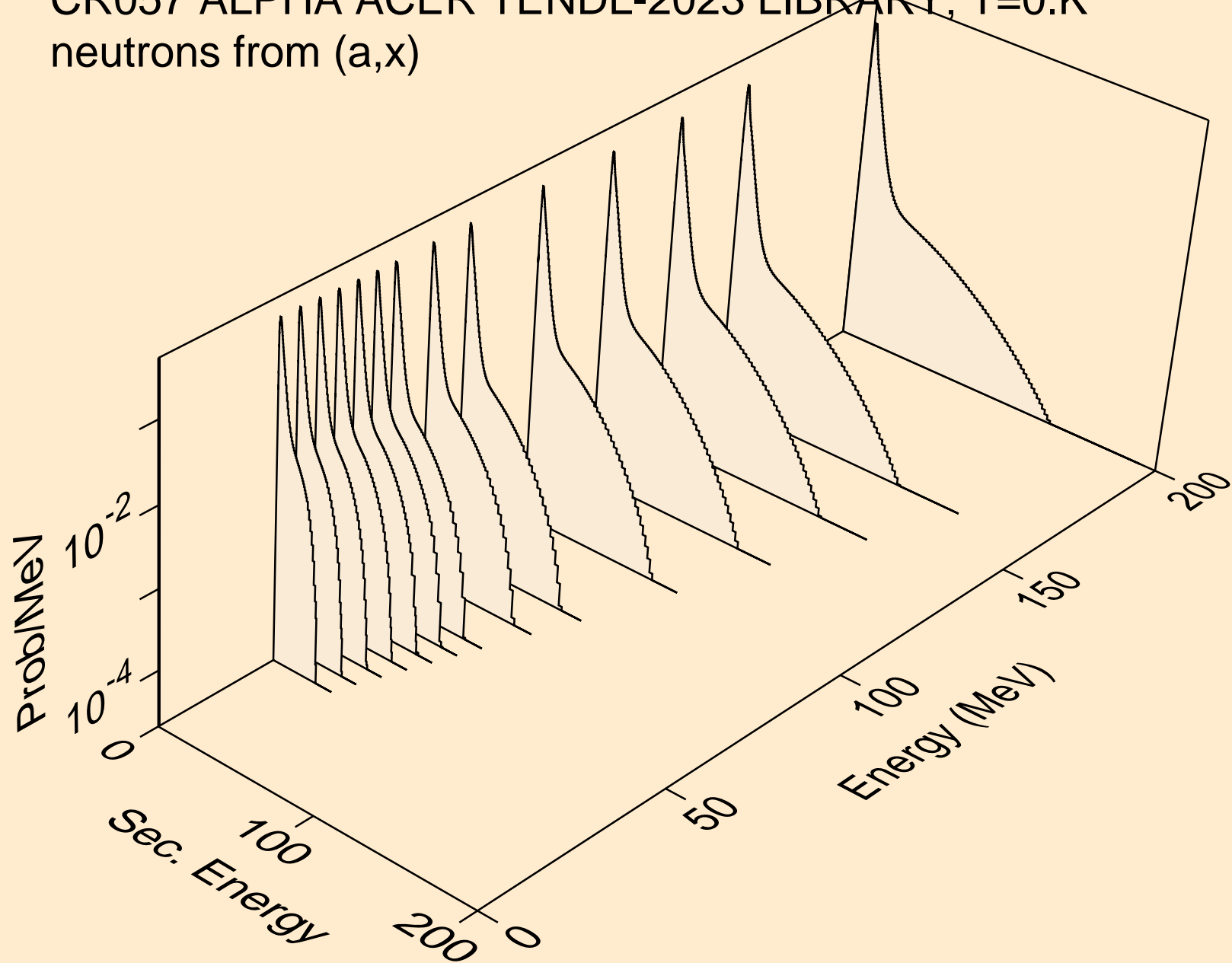
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



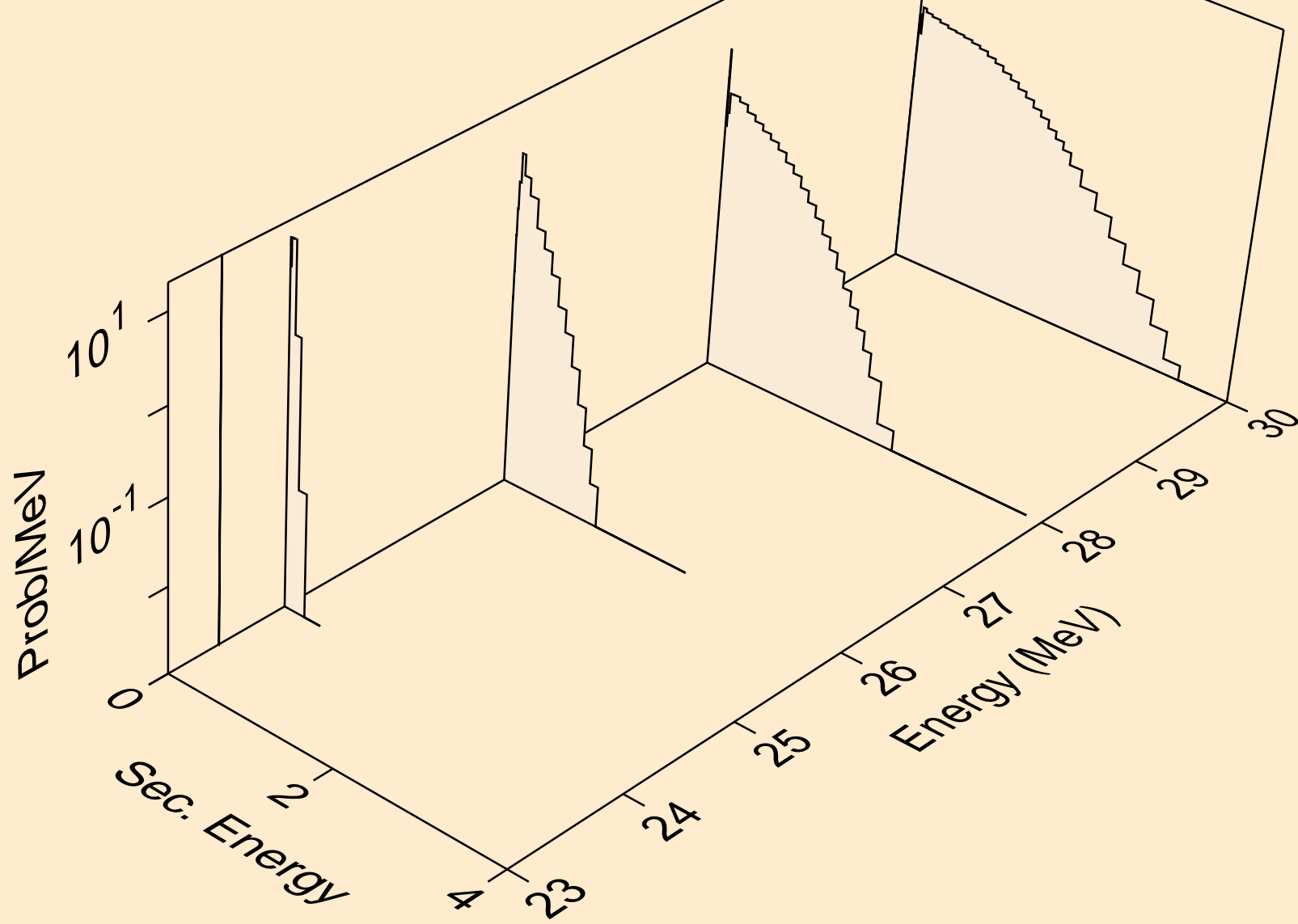
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



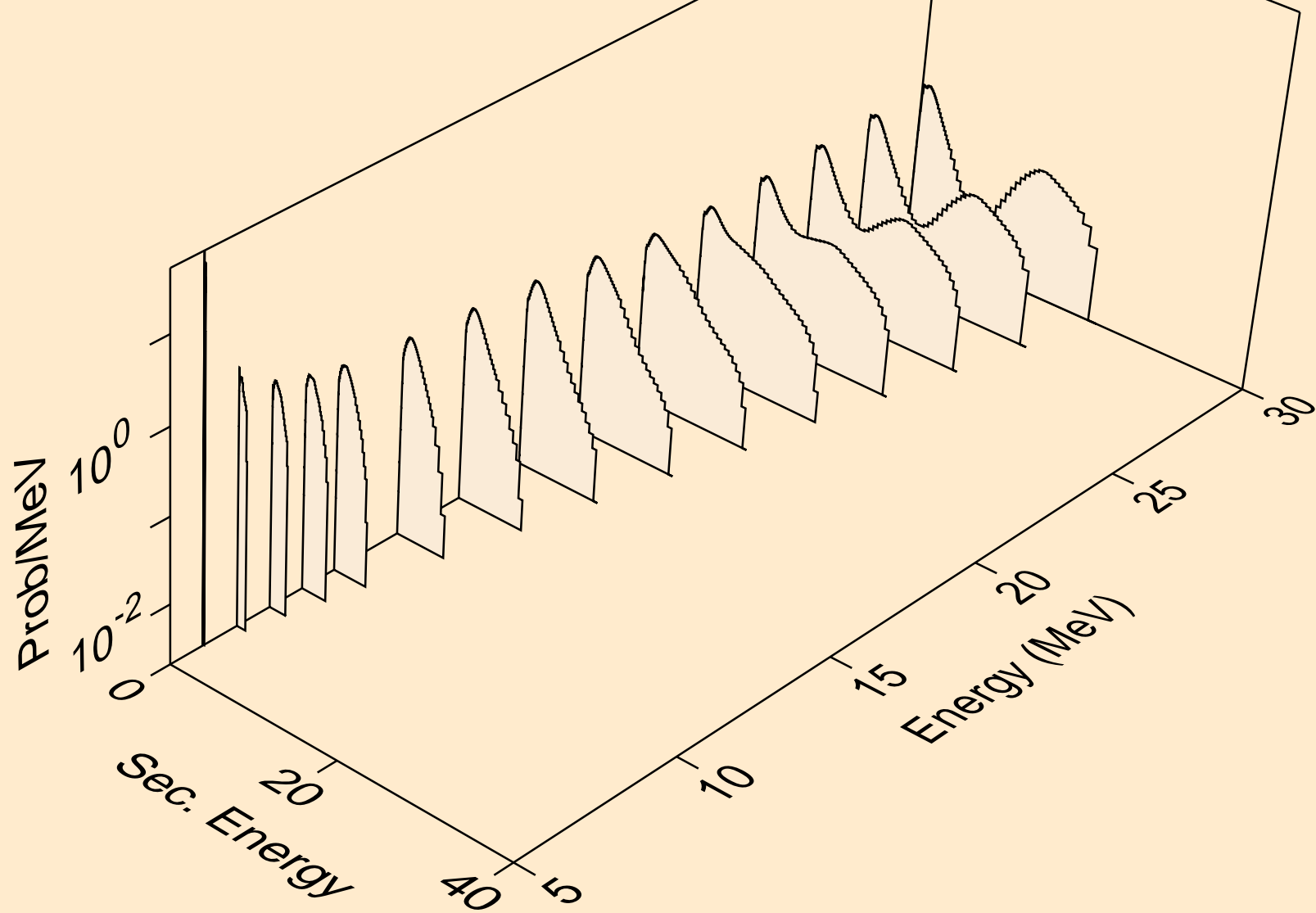
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



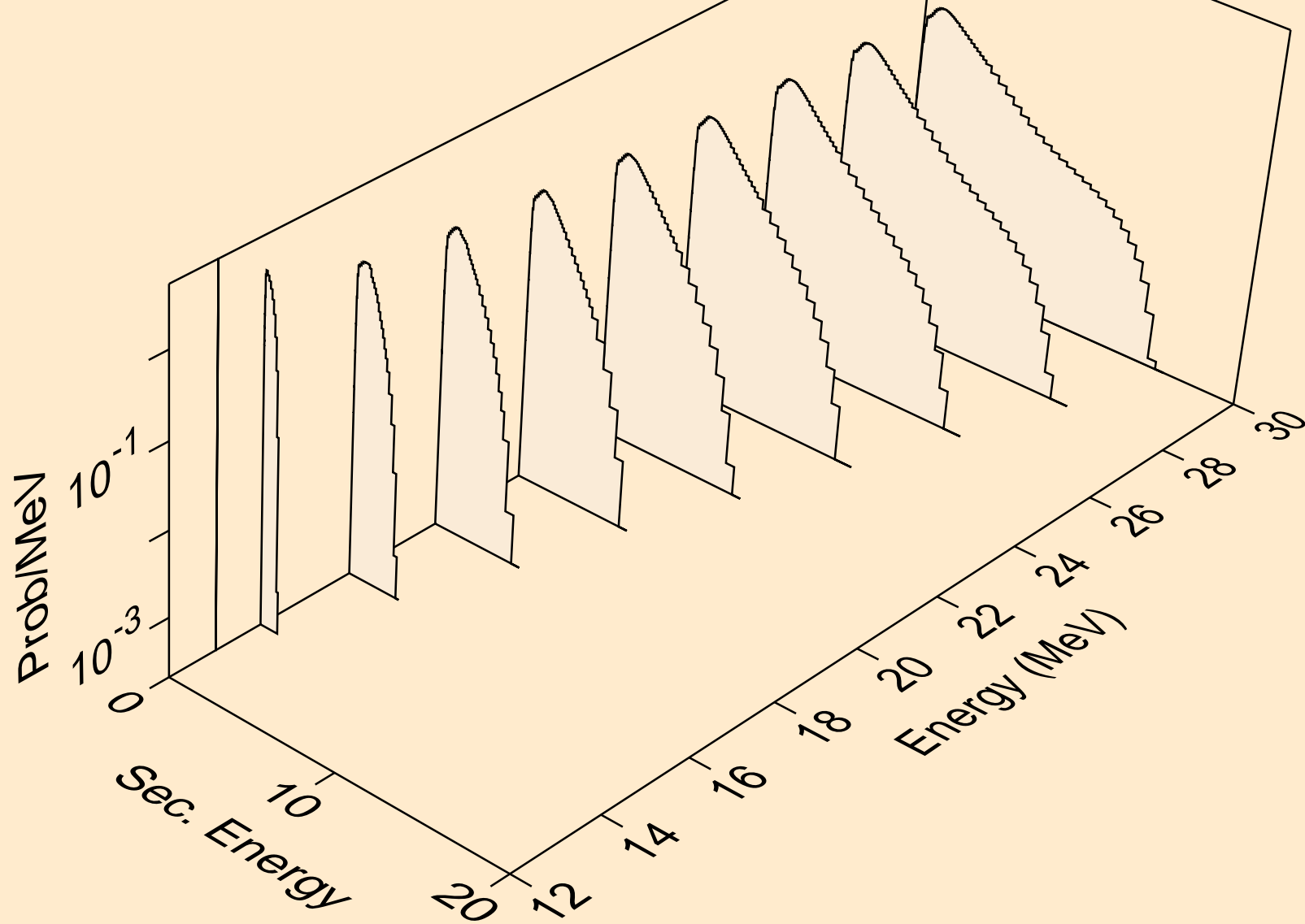
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



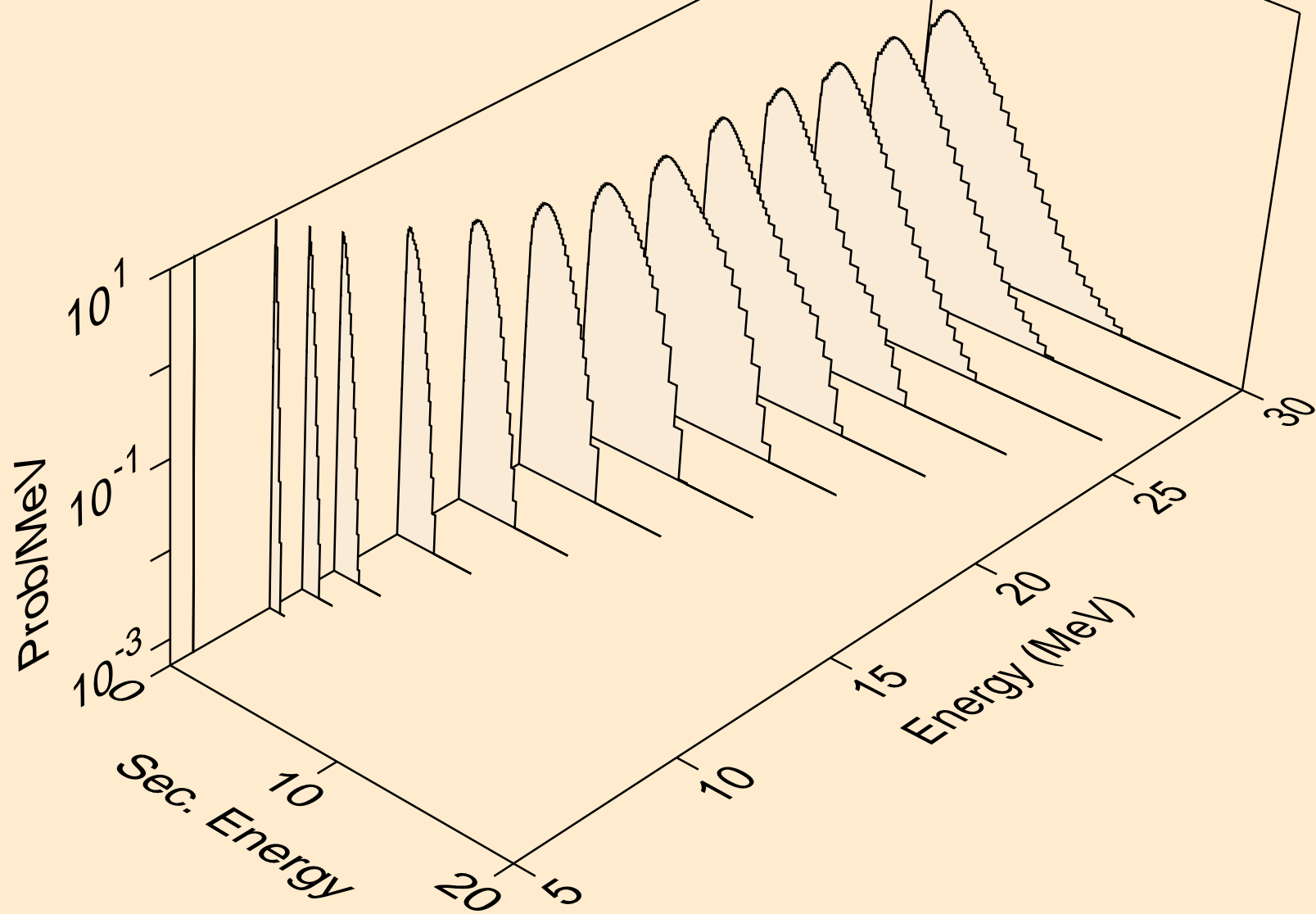
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



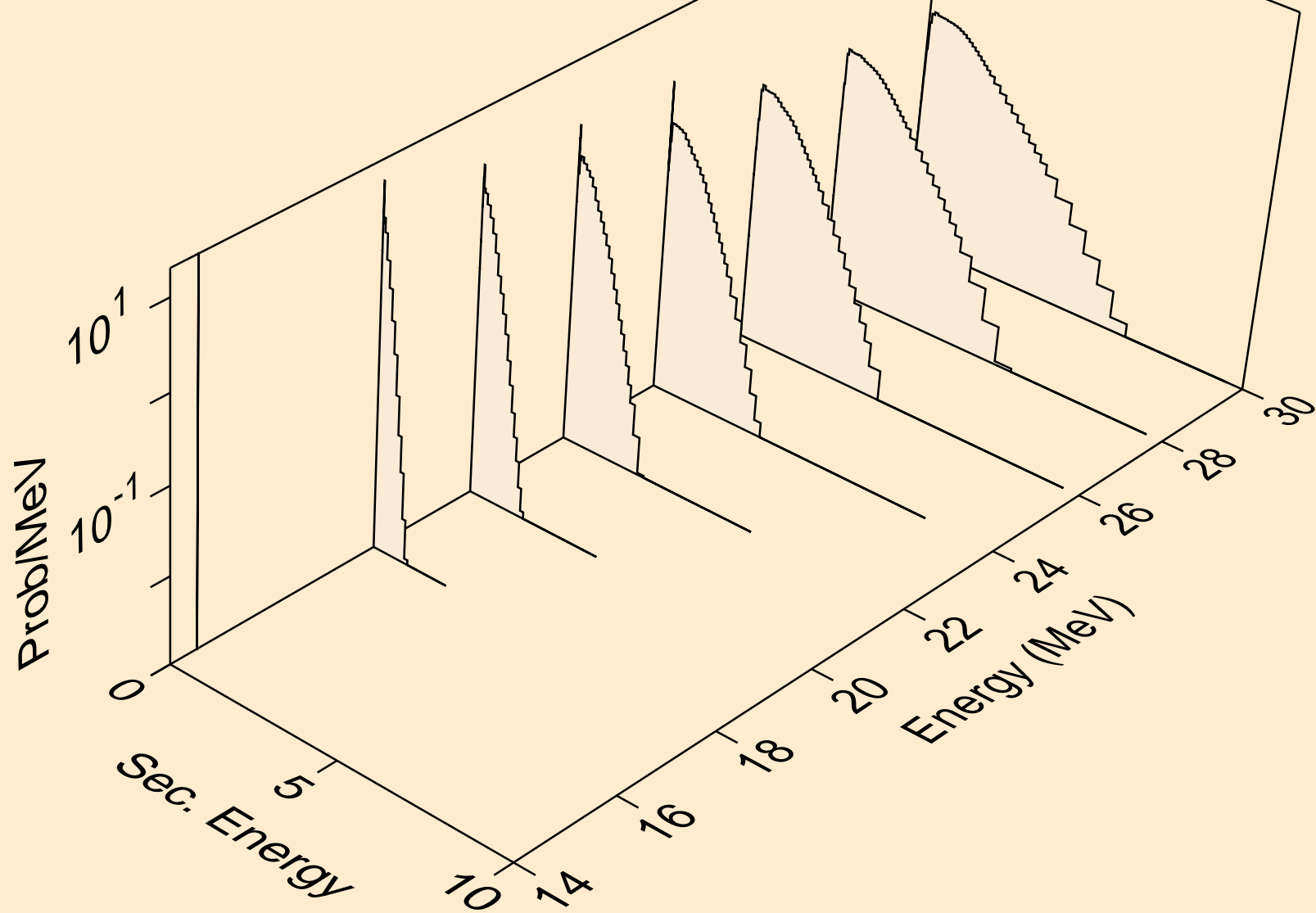
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

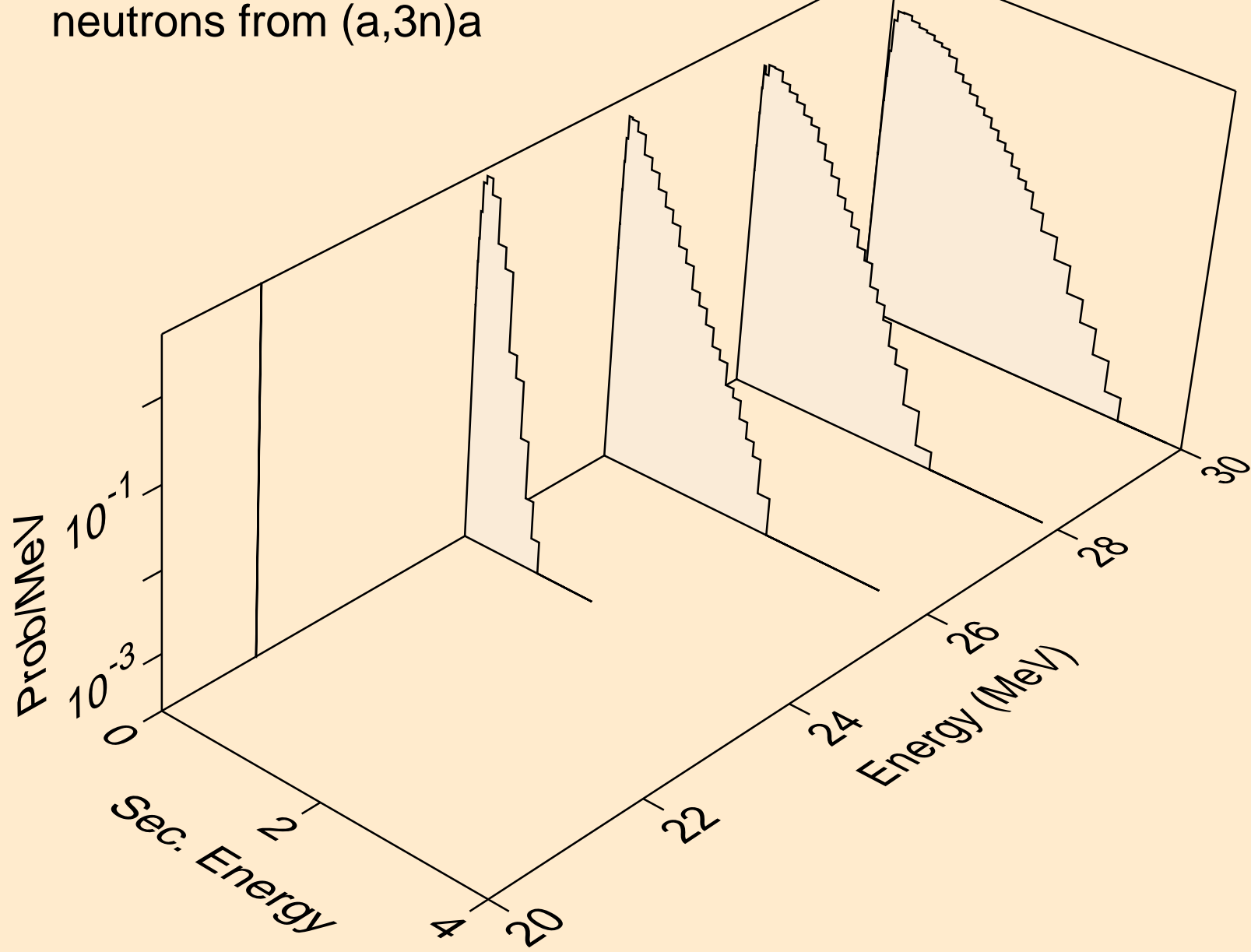


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

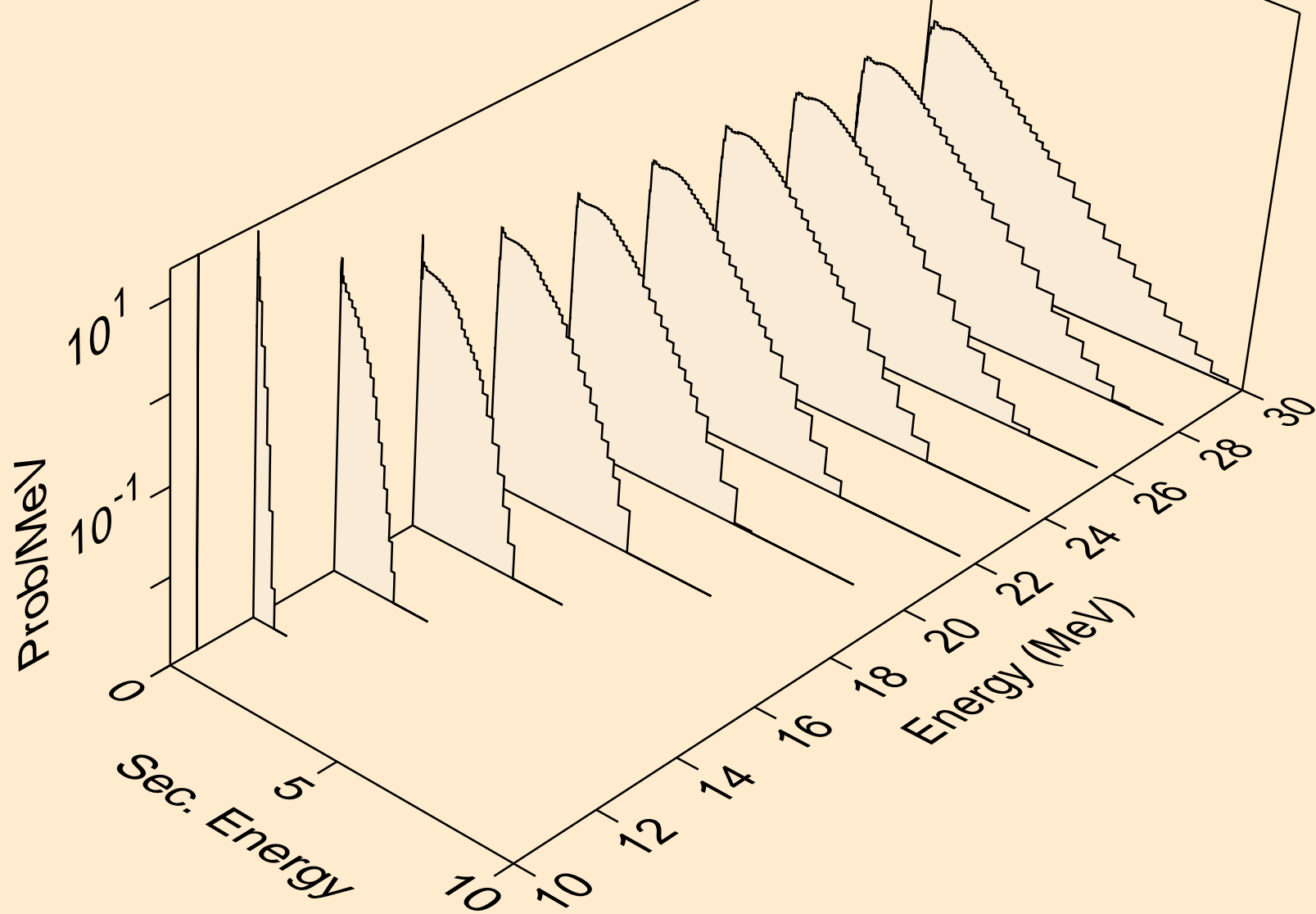




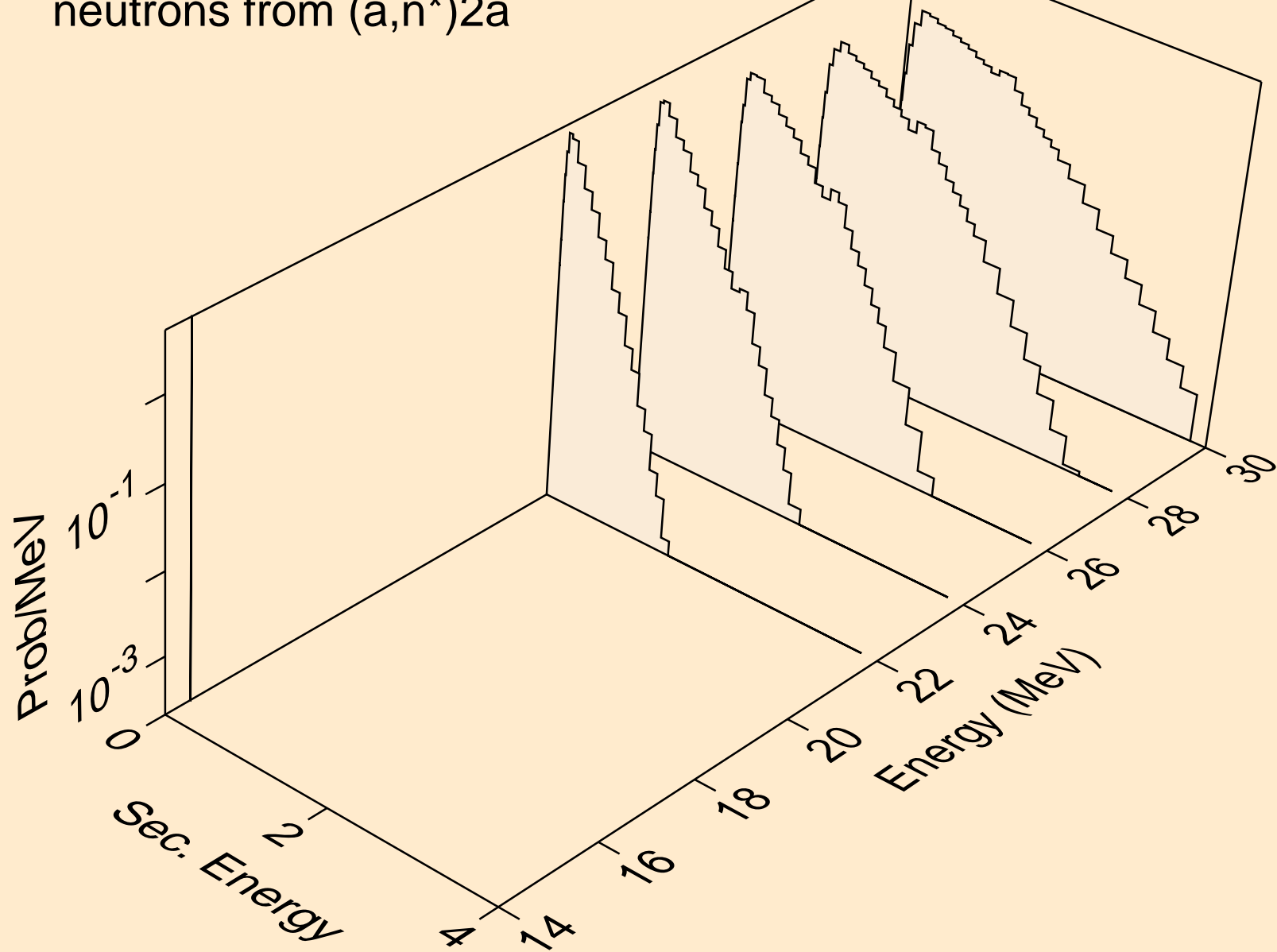
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



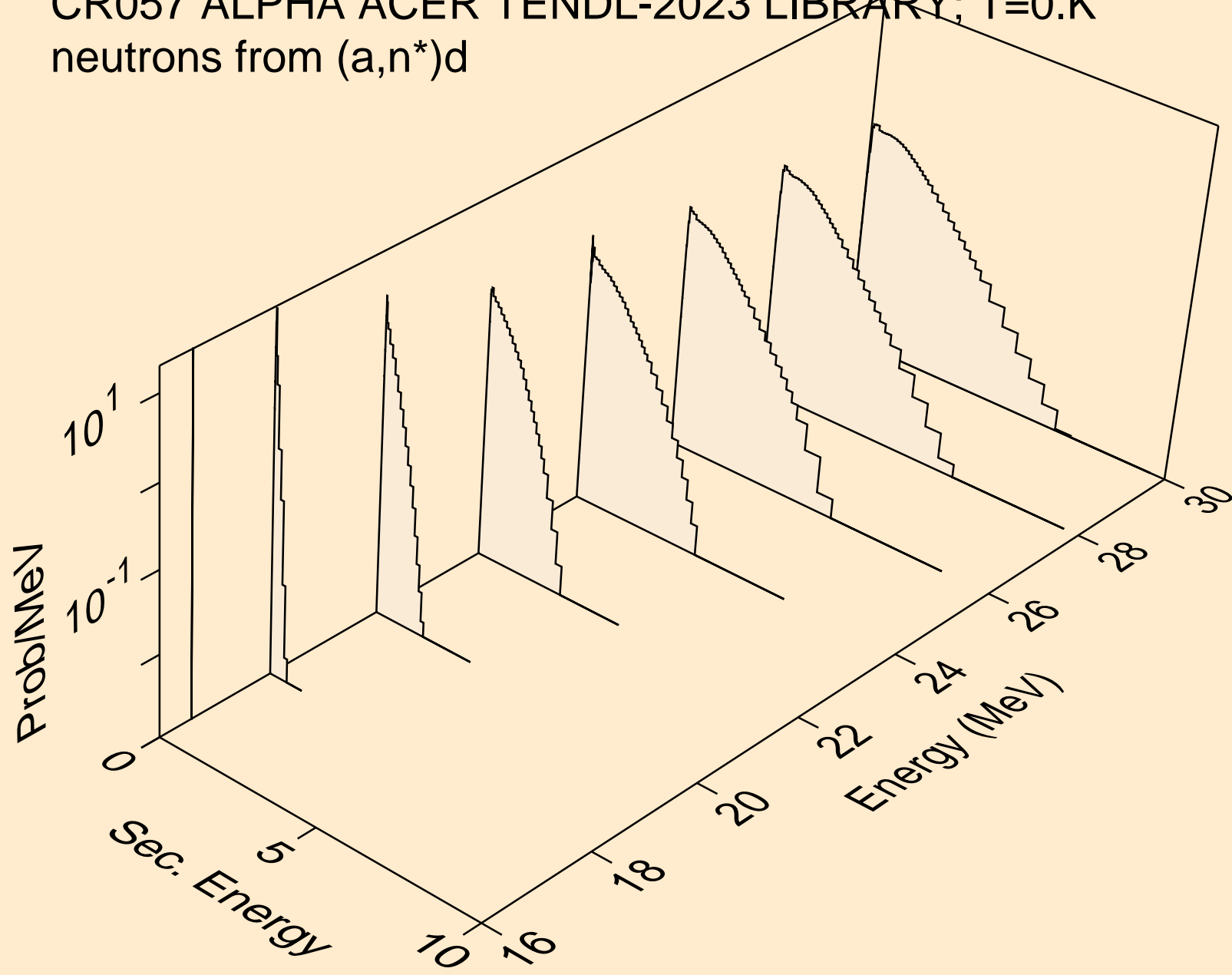
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



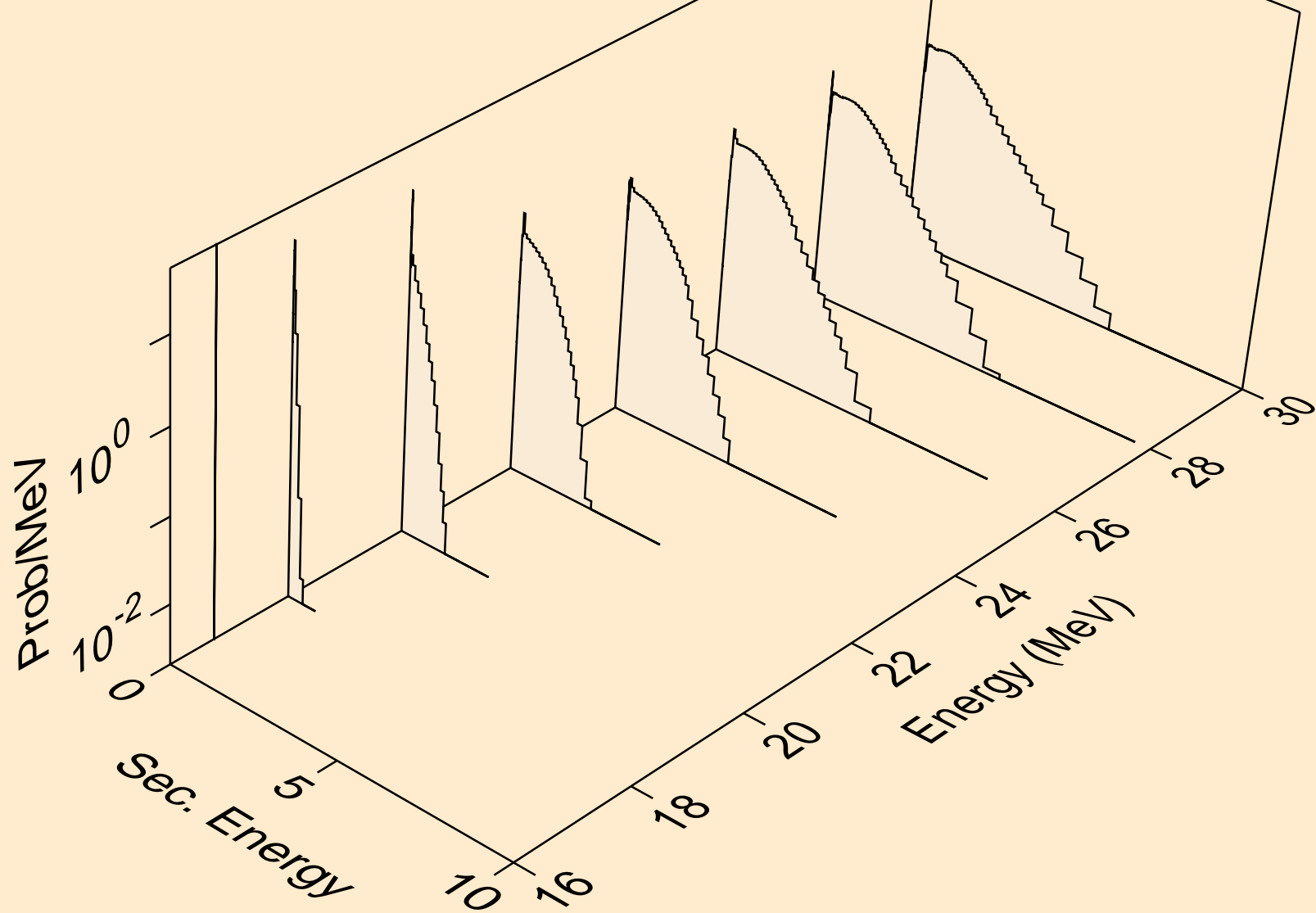
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neutrons from (a,n\*)2a



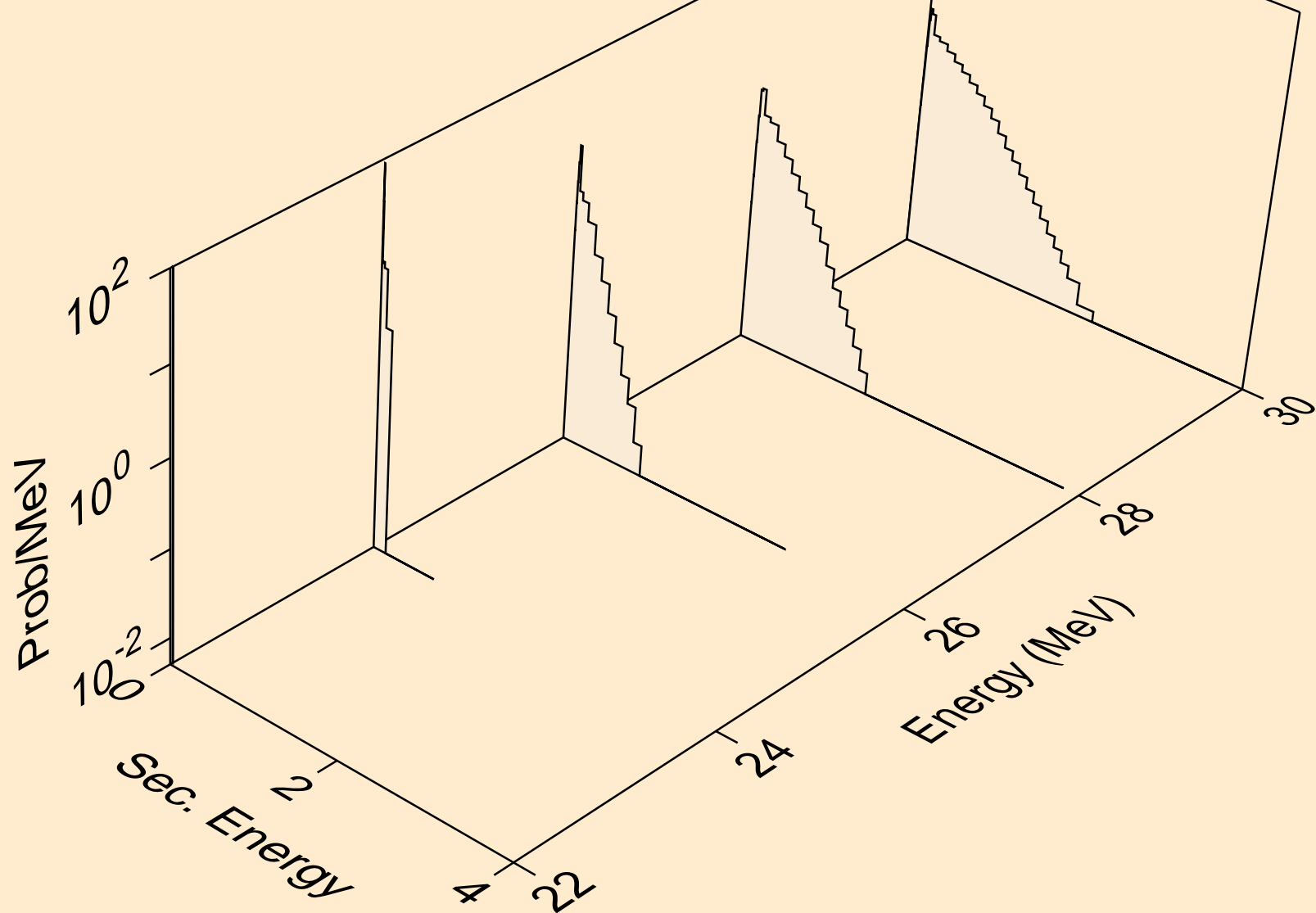
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neutrons from (a,n\*)d



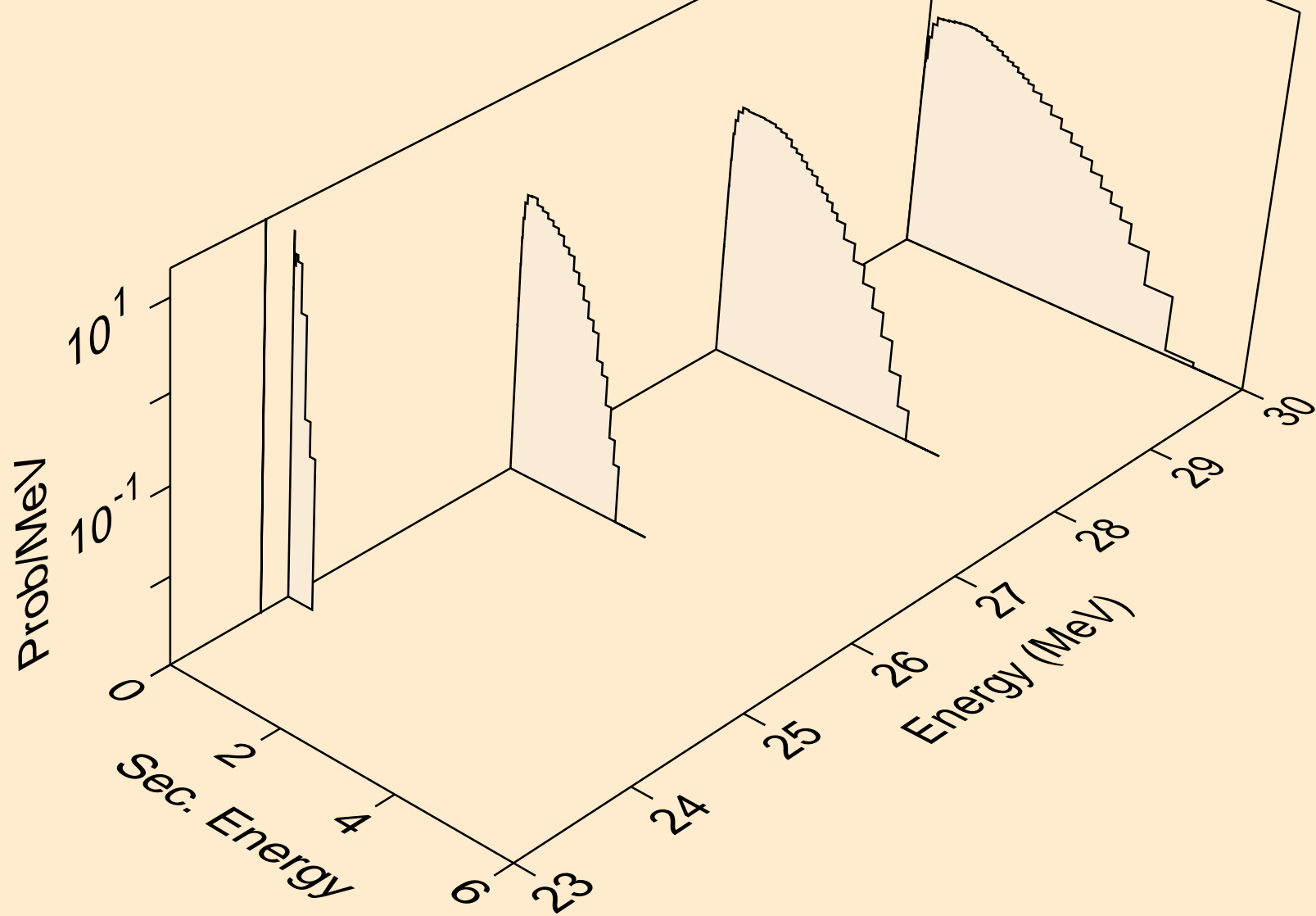
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



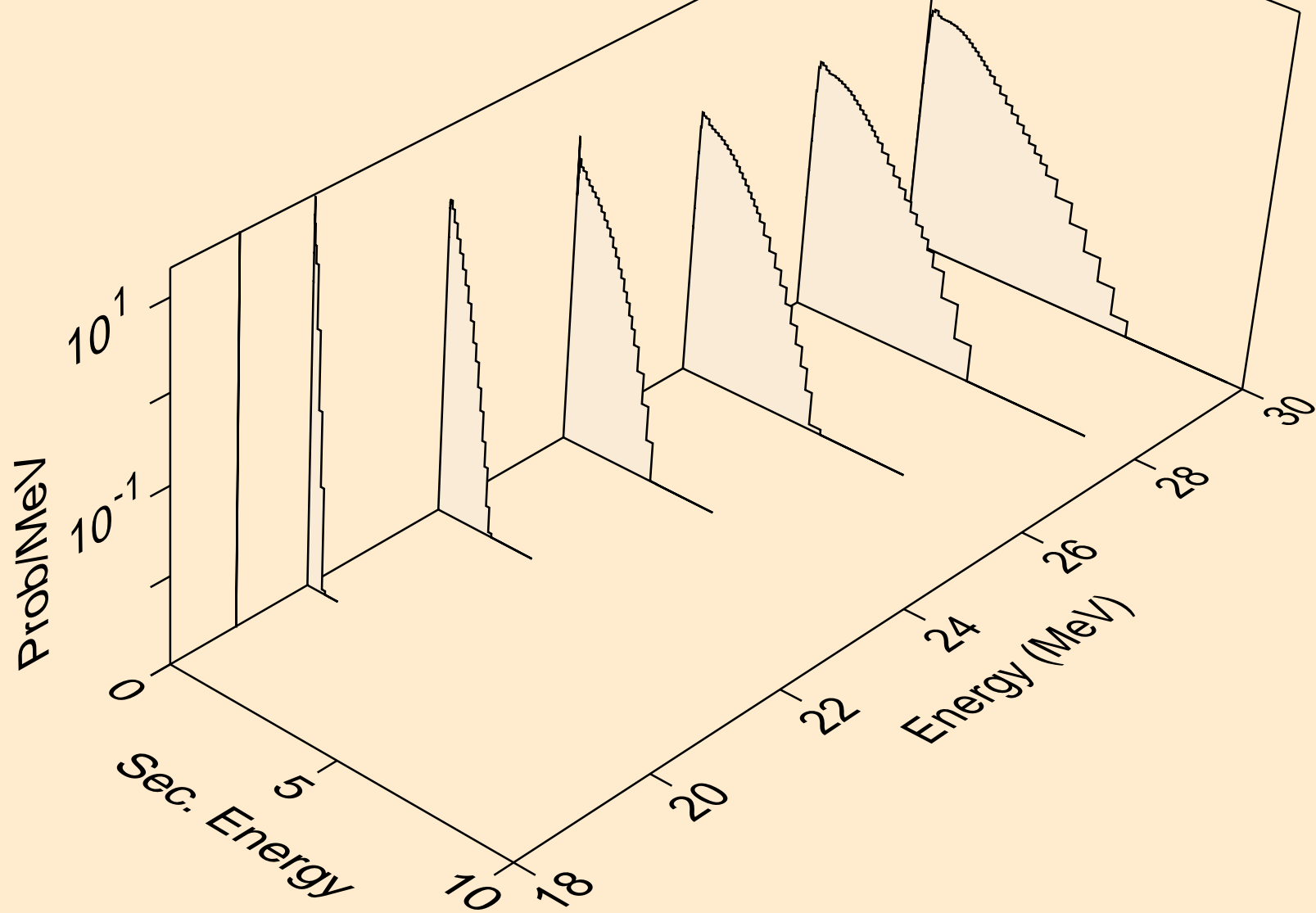
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)

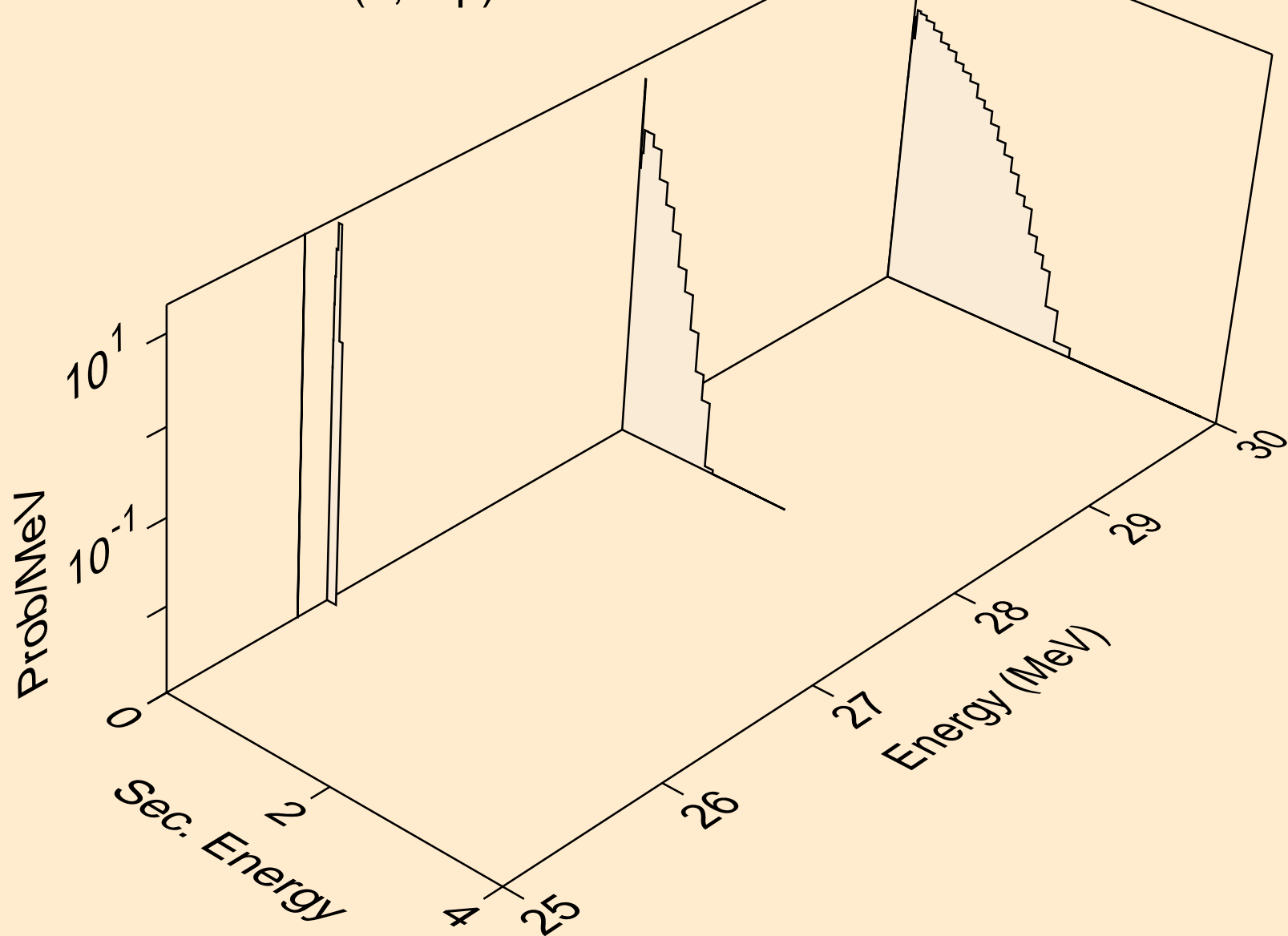


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

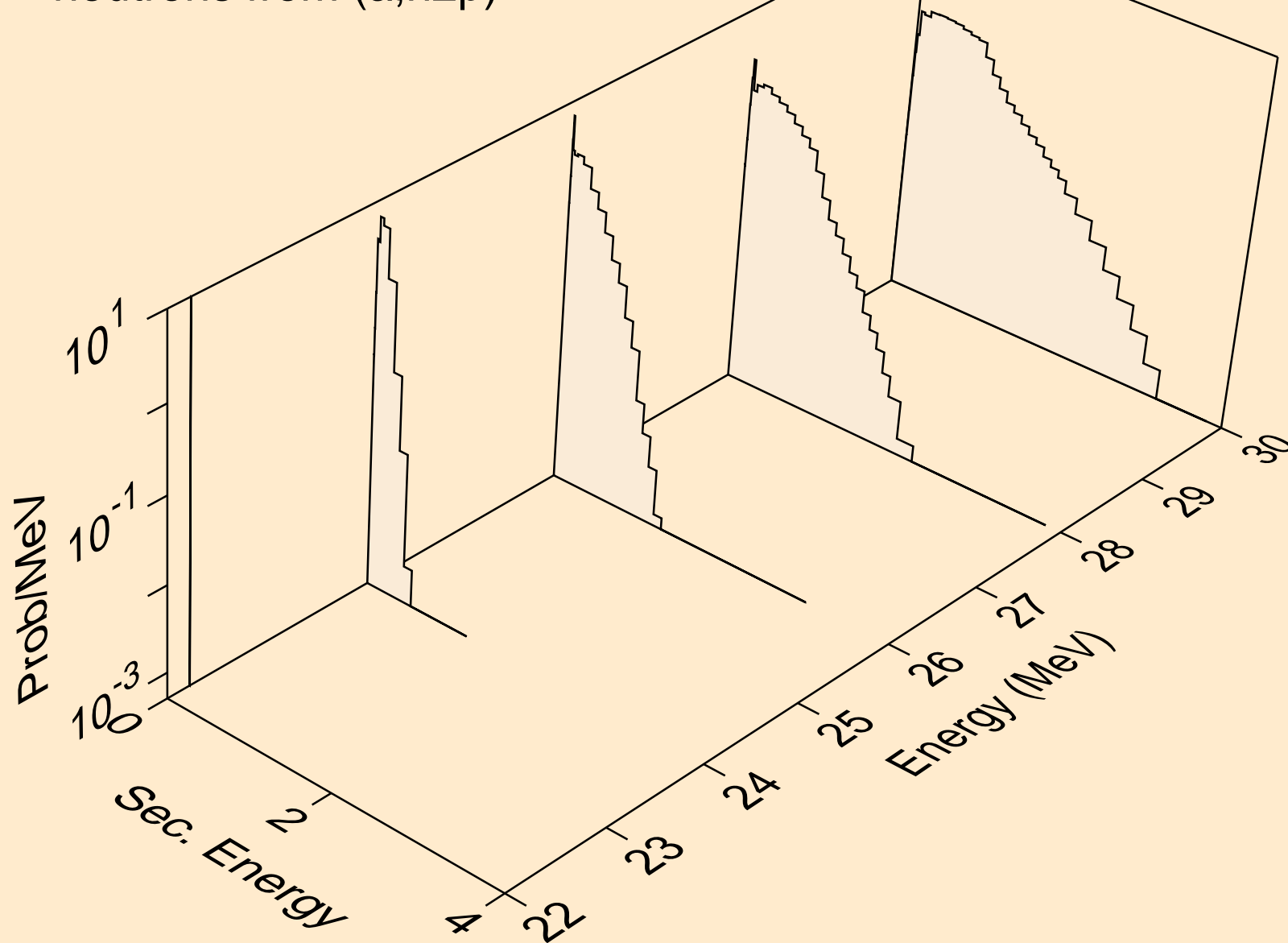




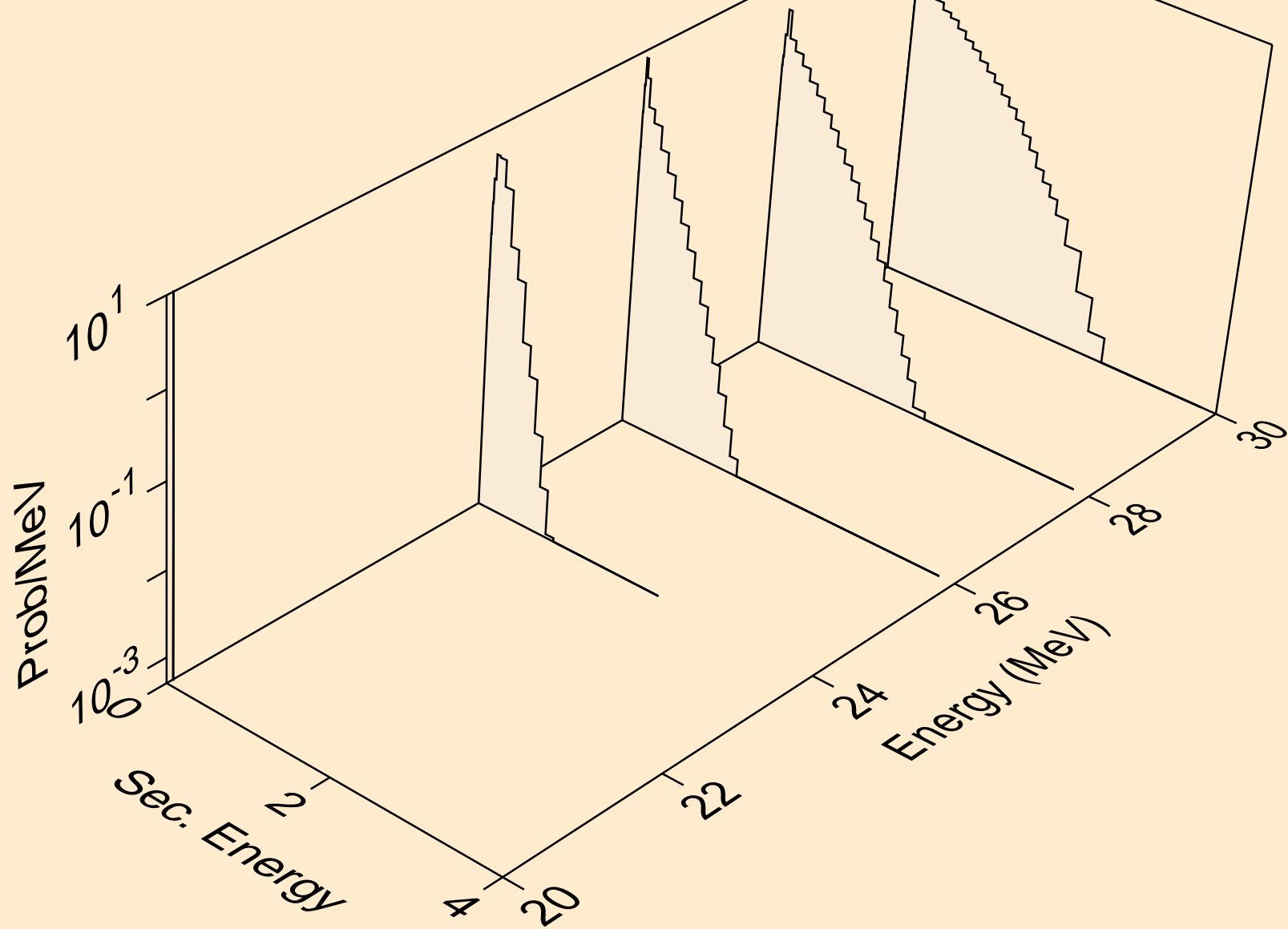
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neutrons from (a,3np)



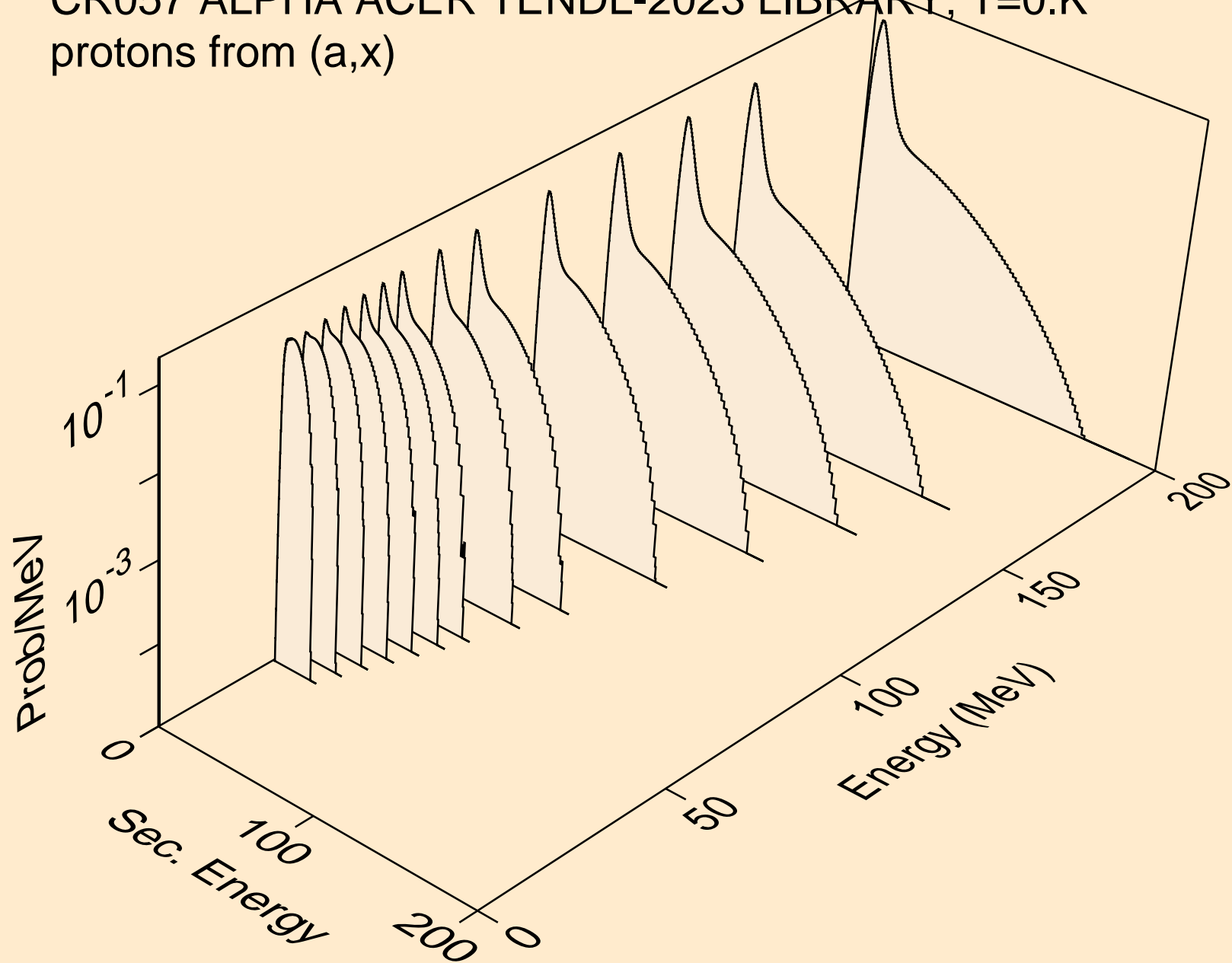
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neutrons from (a,n2p)



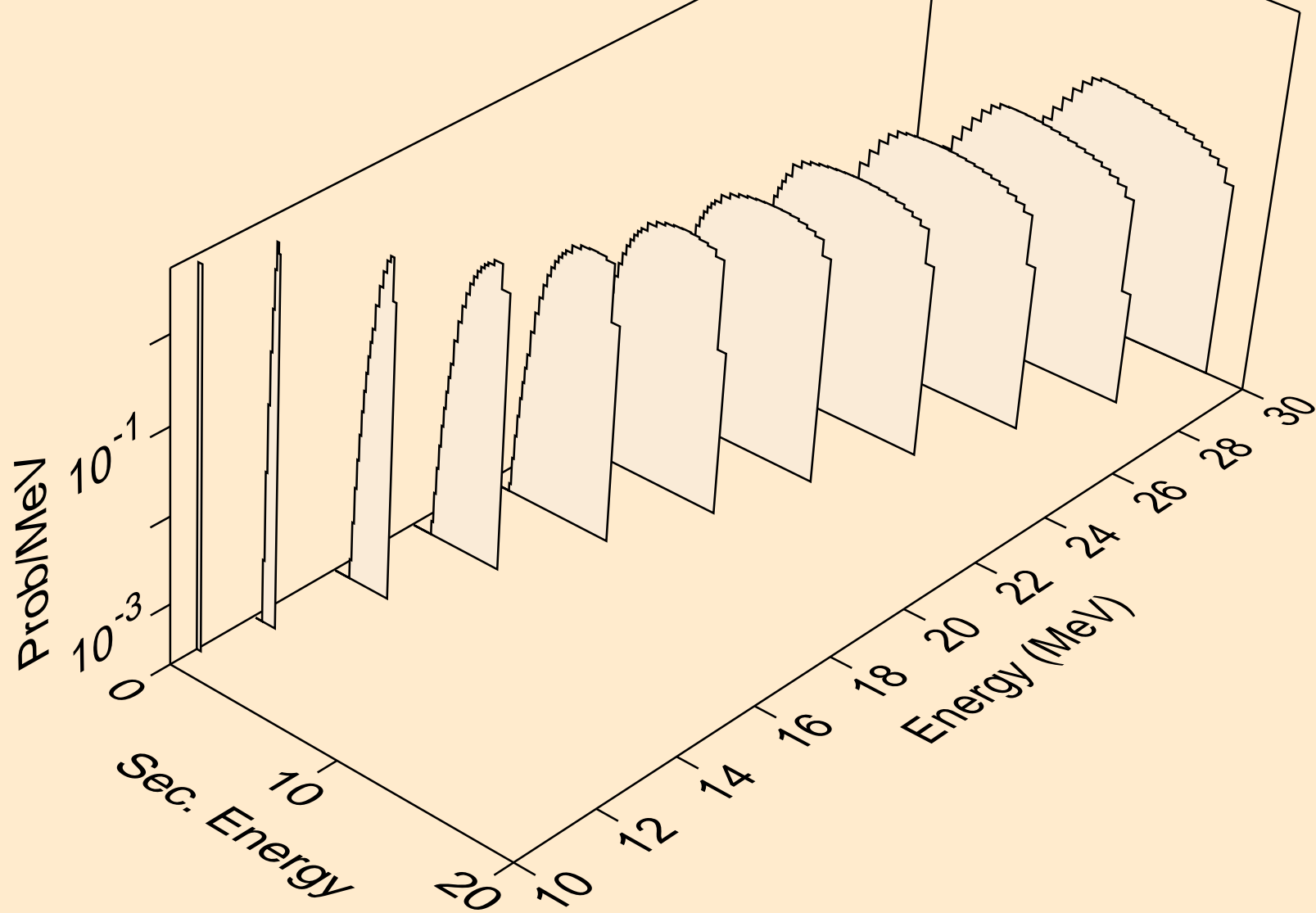
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neutrons from (a,npa)



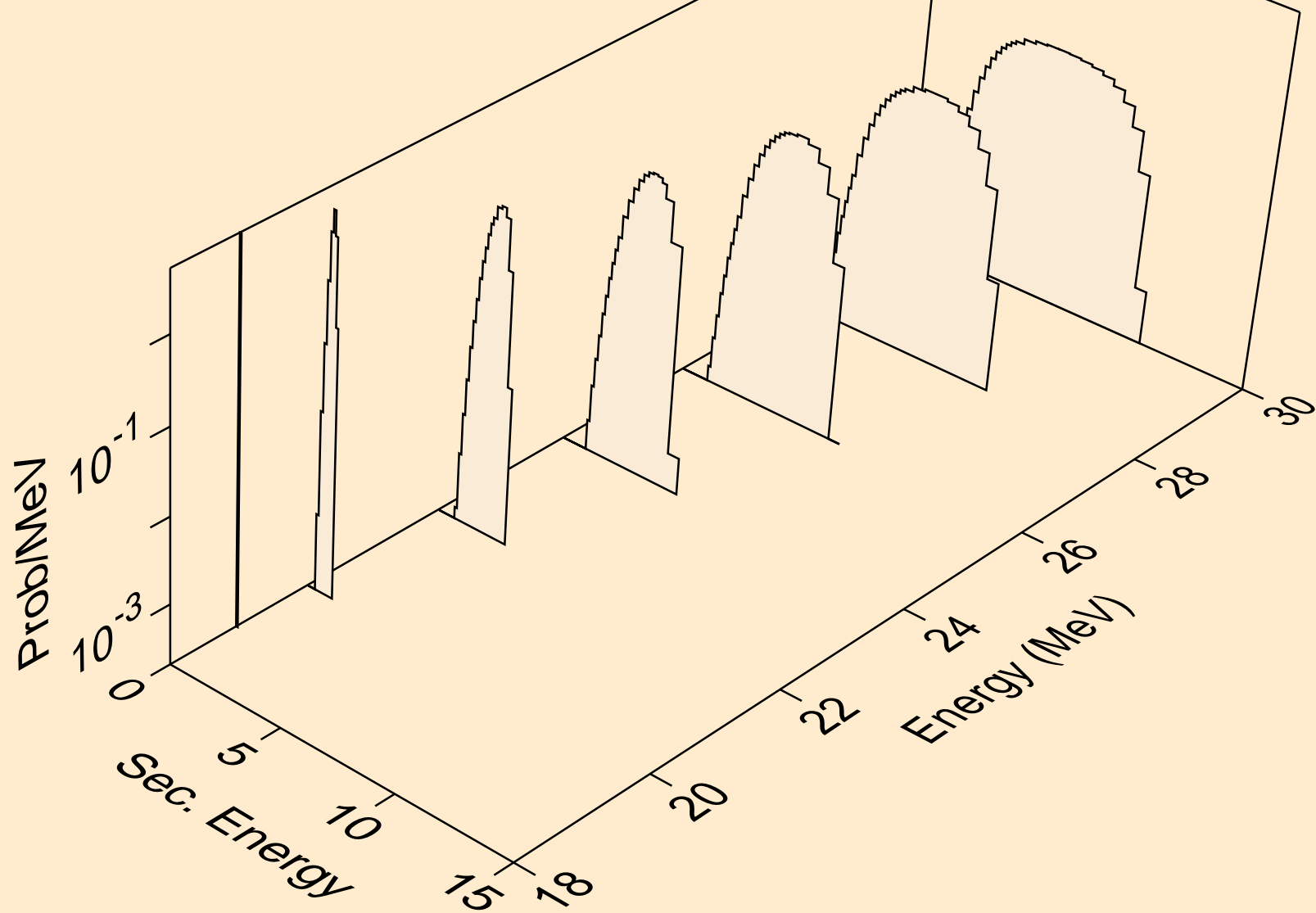
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protons from (a,x)



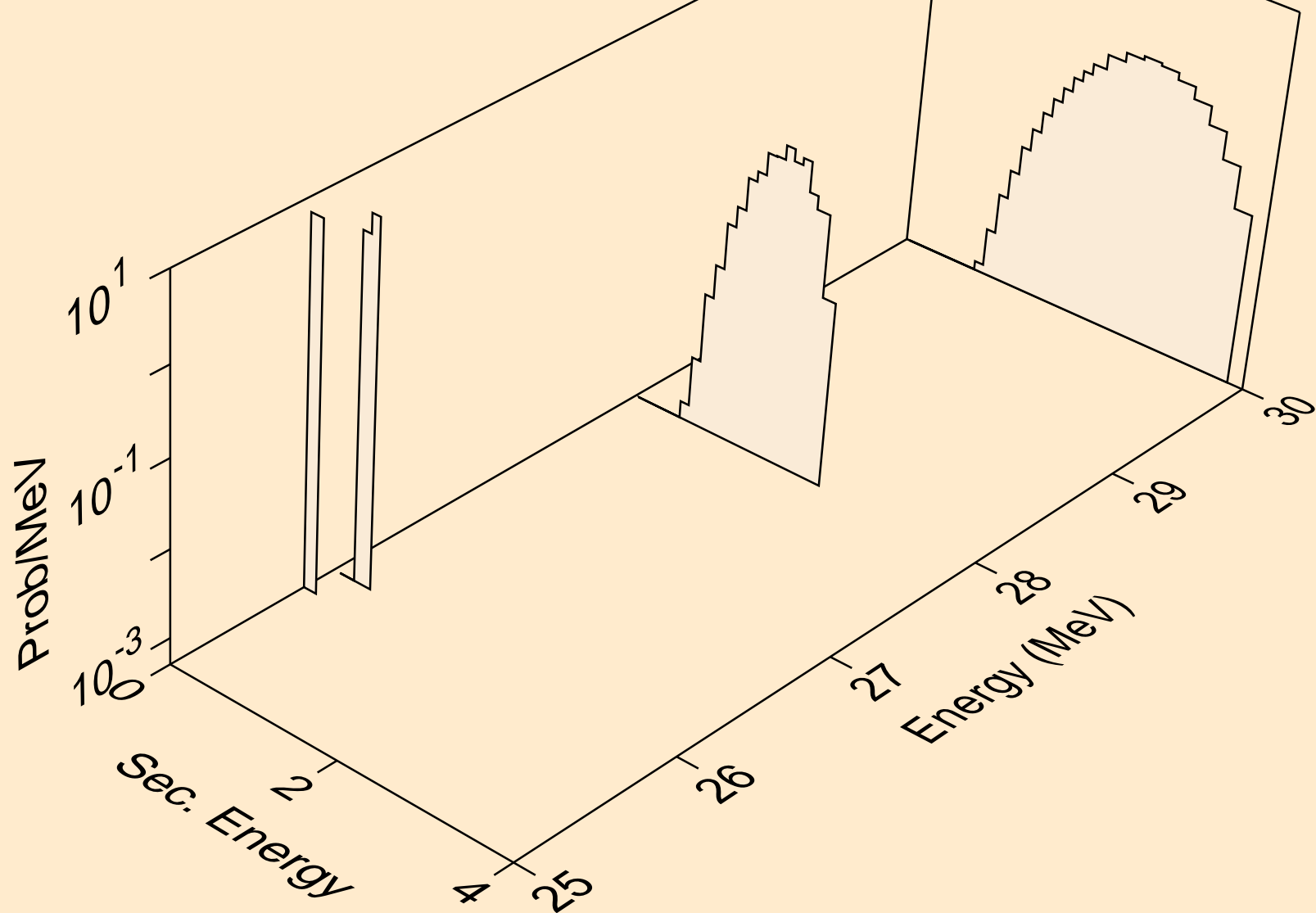
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protons from (a,n\*)p



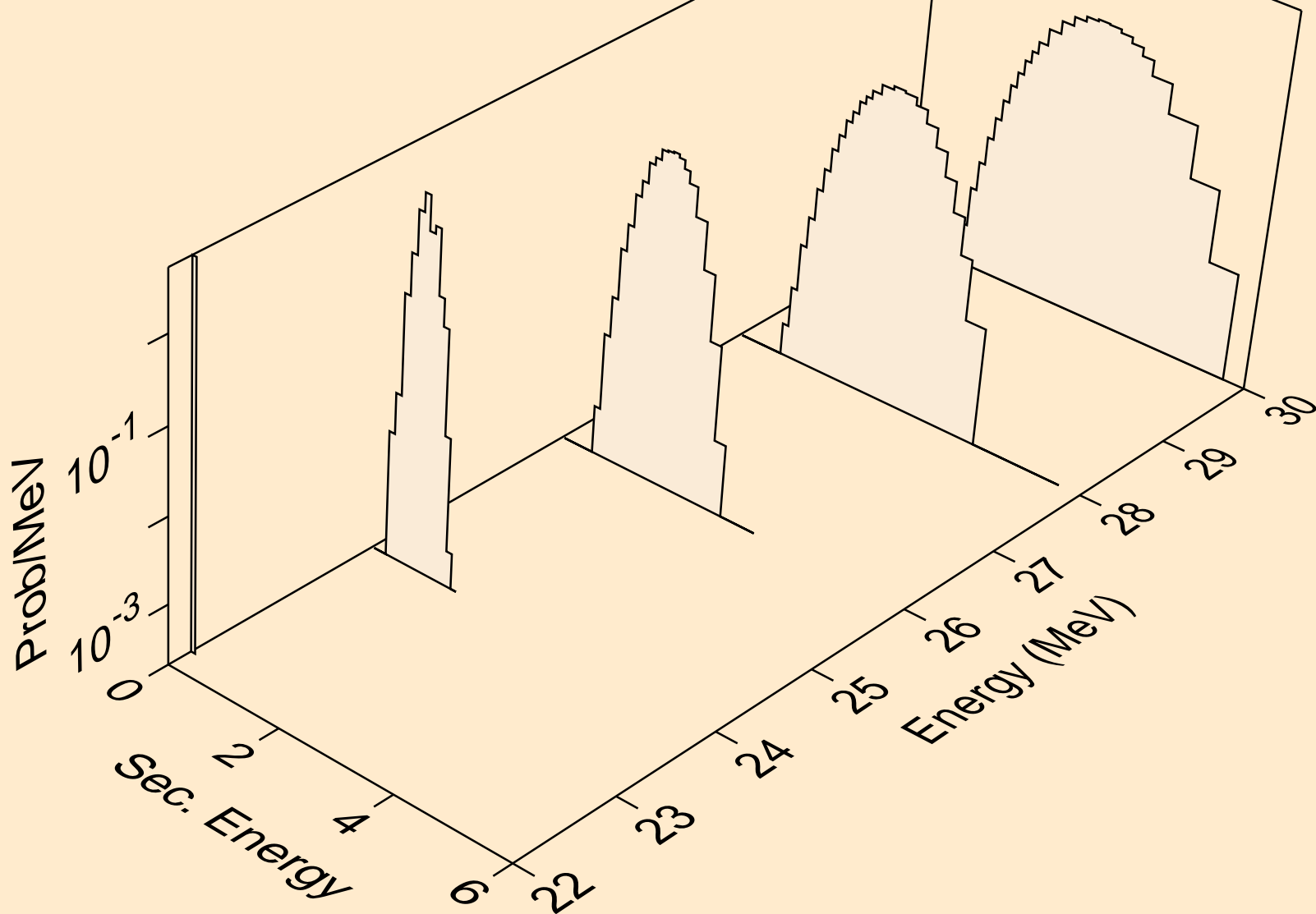
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)

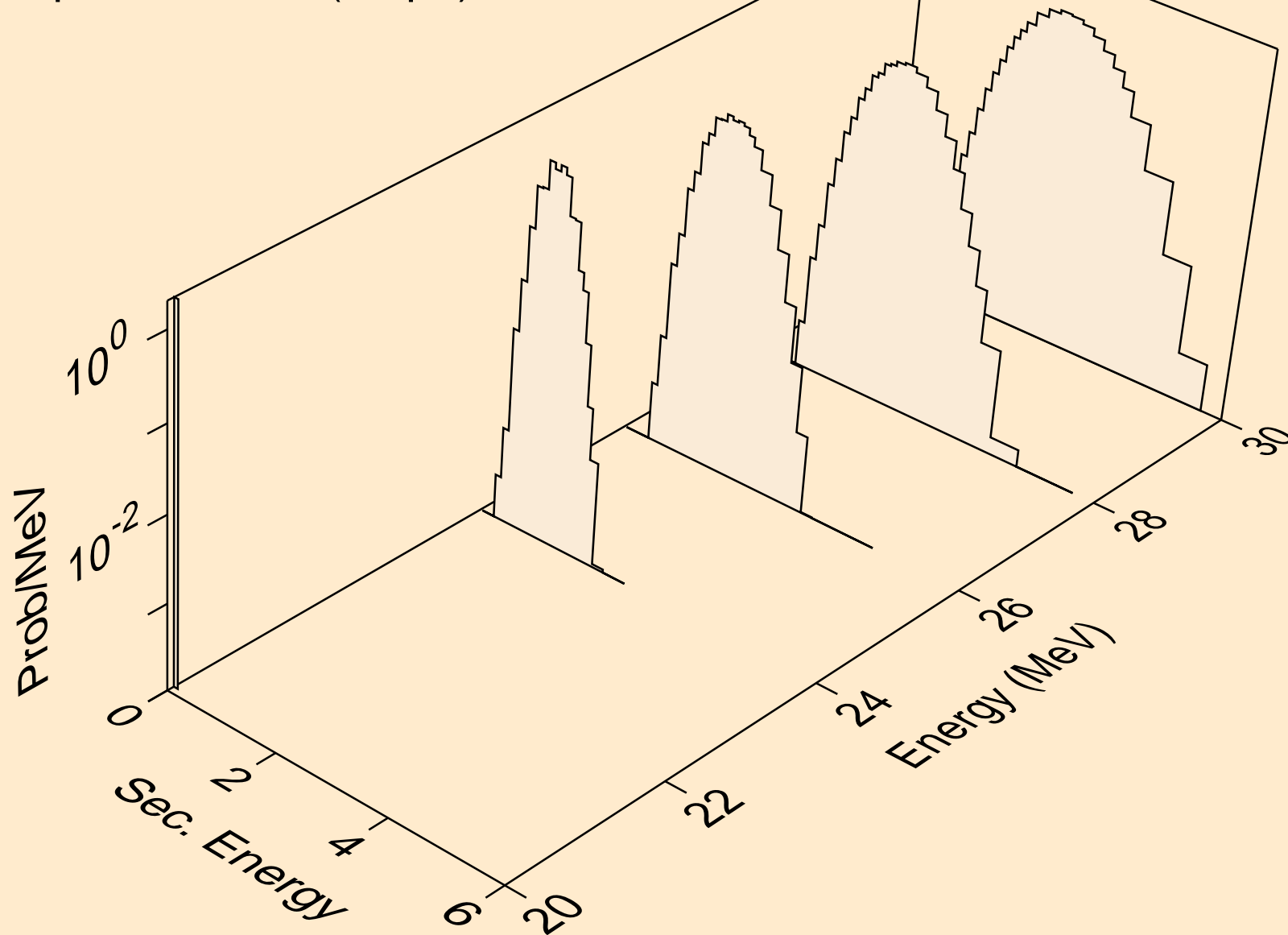


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)

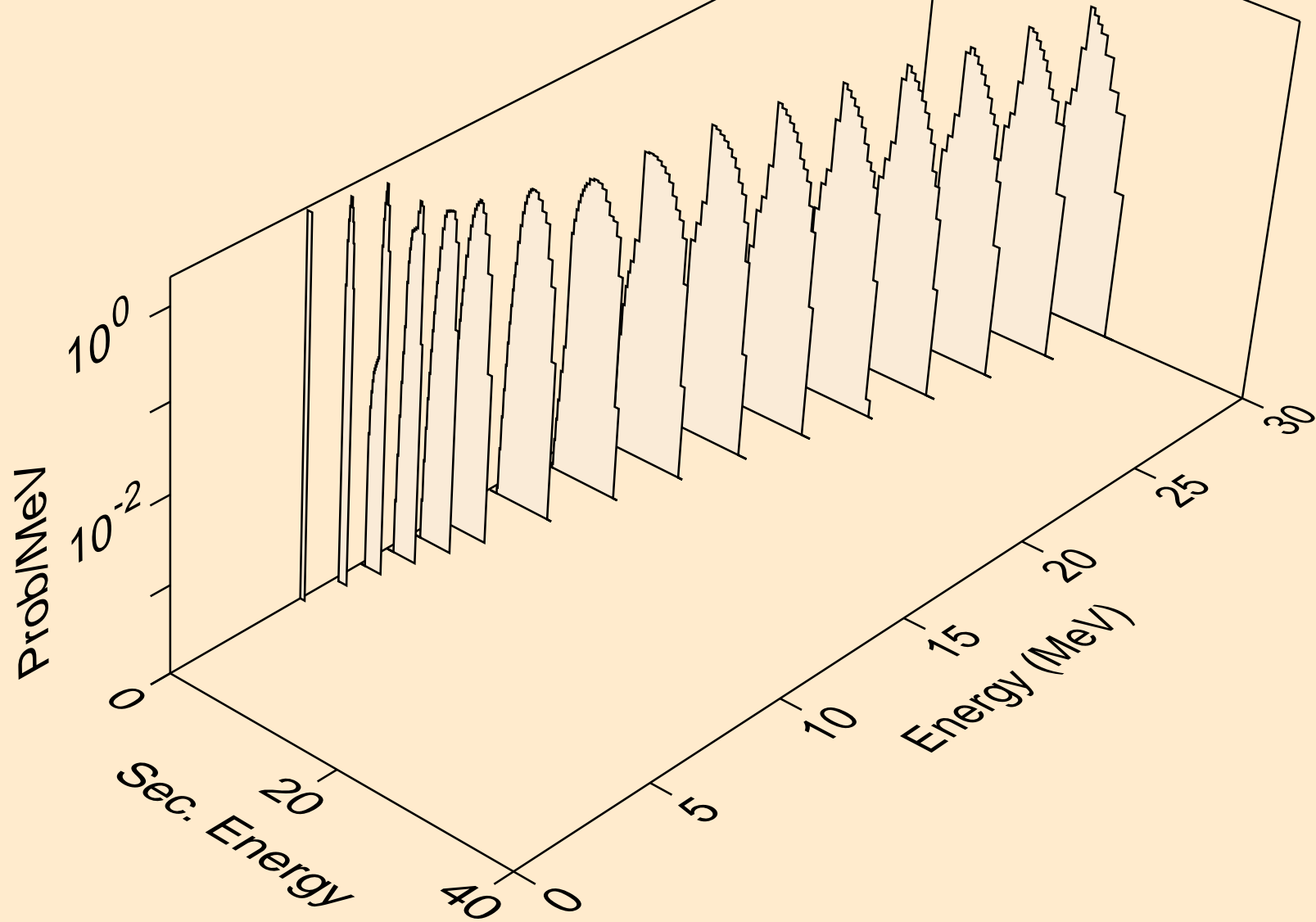




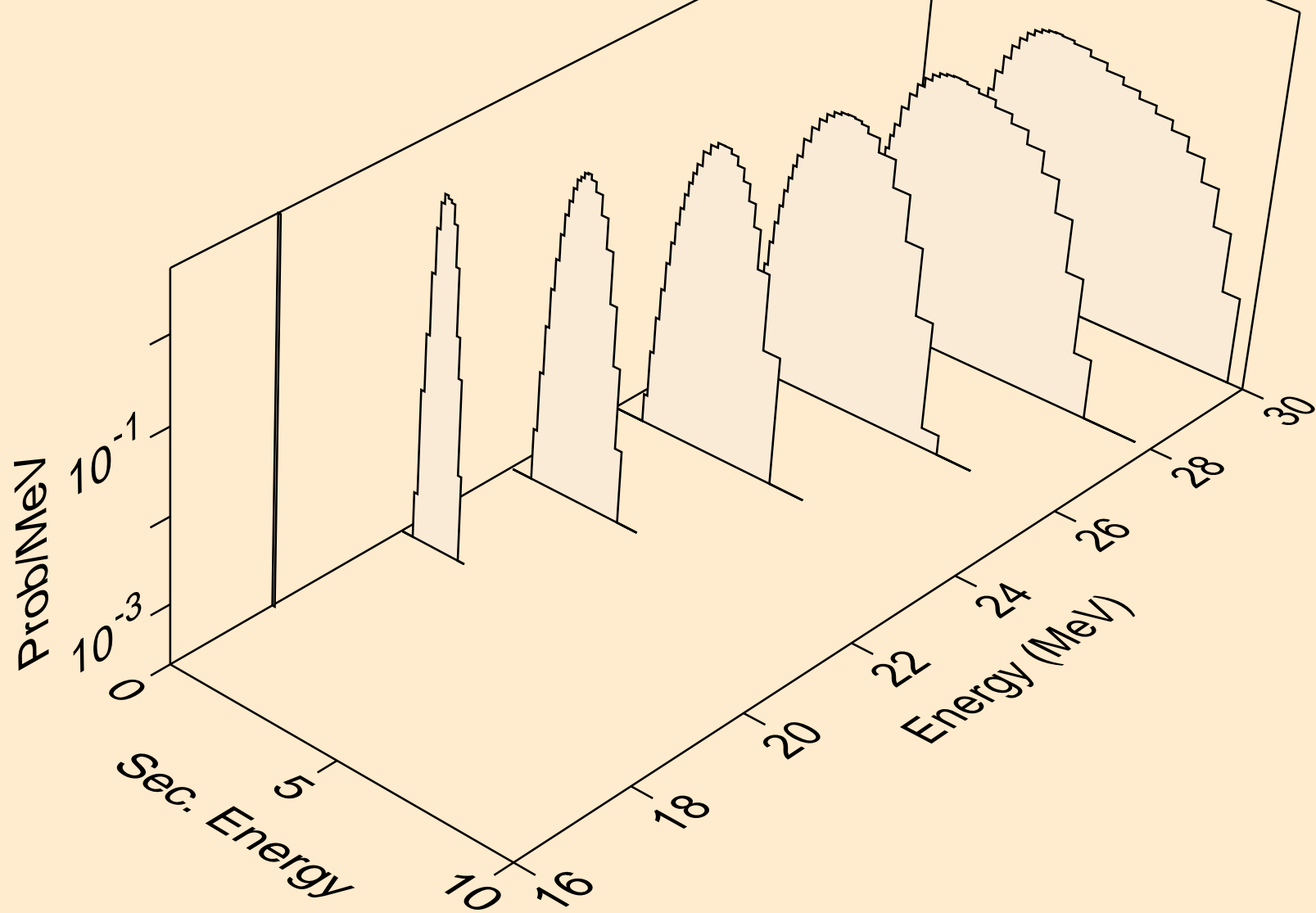
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protons from (a,npa)



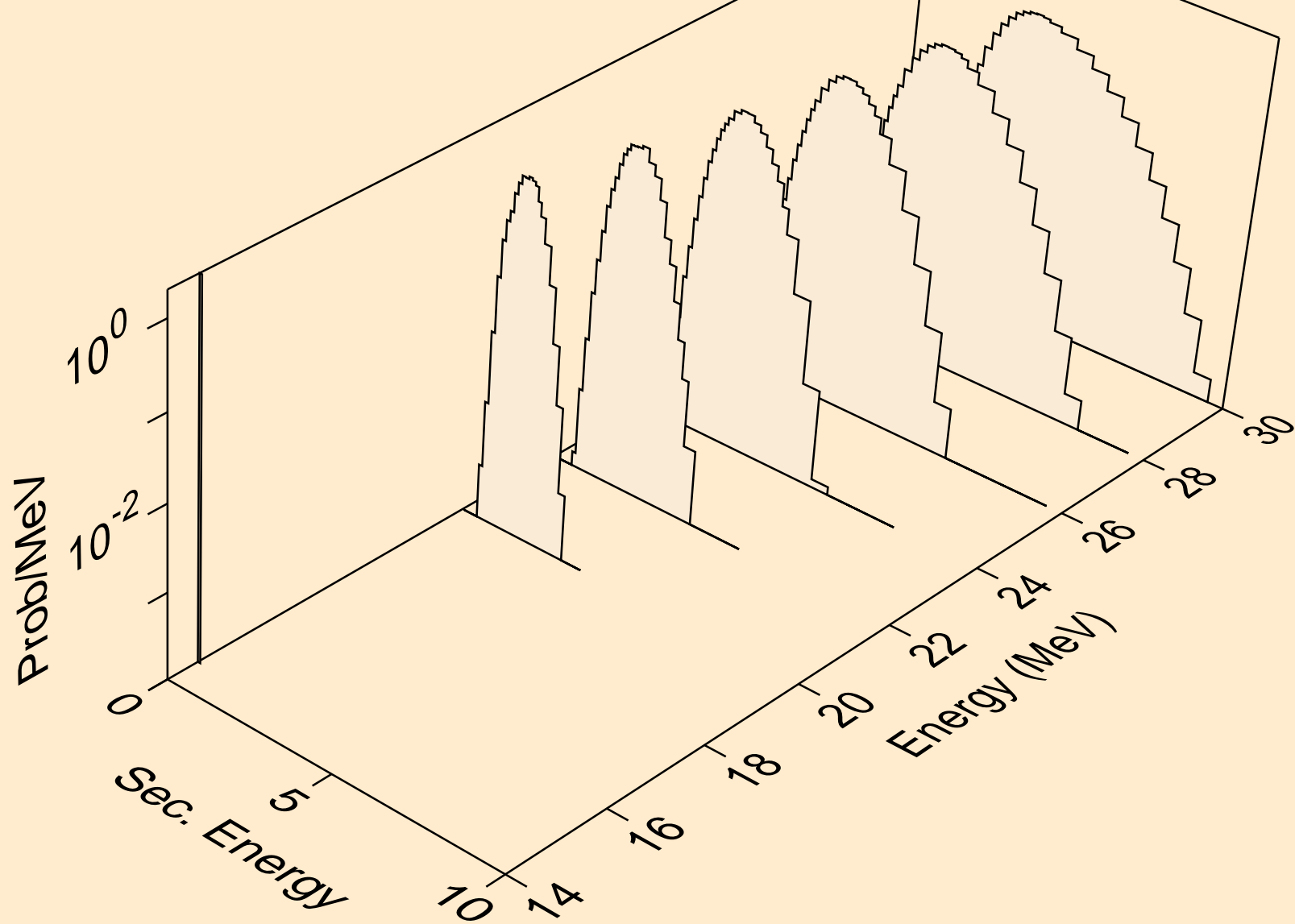
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protons from (a,p)



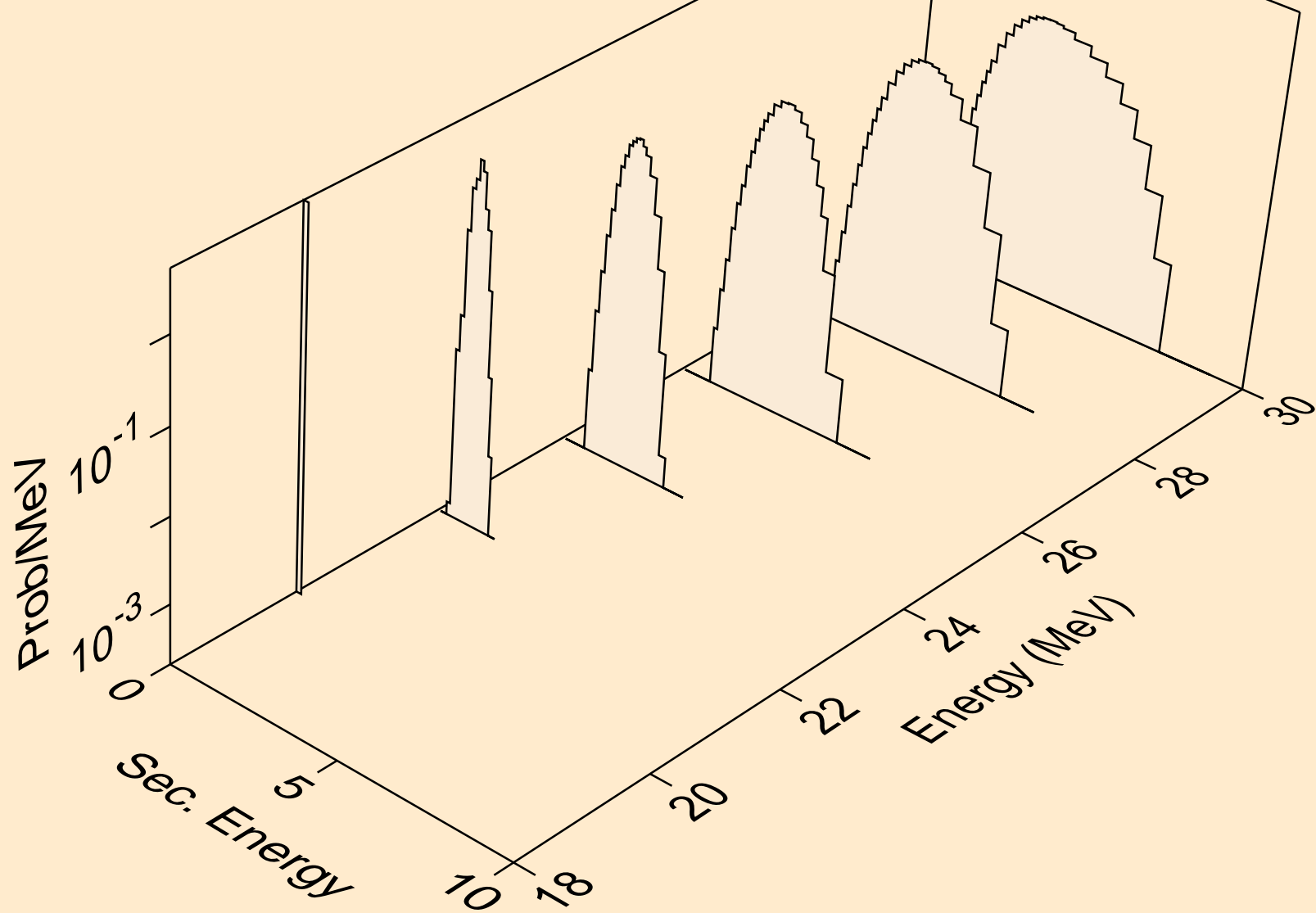
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protons from (a,2p)



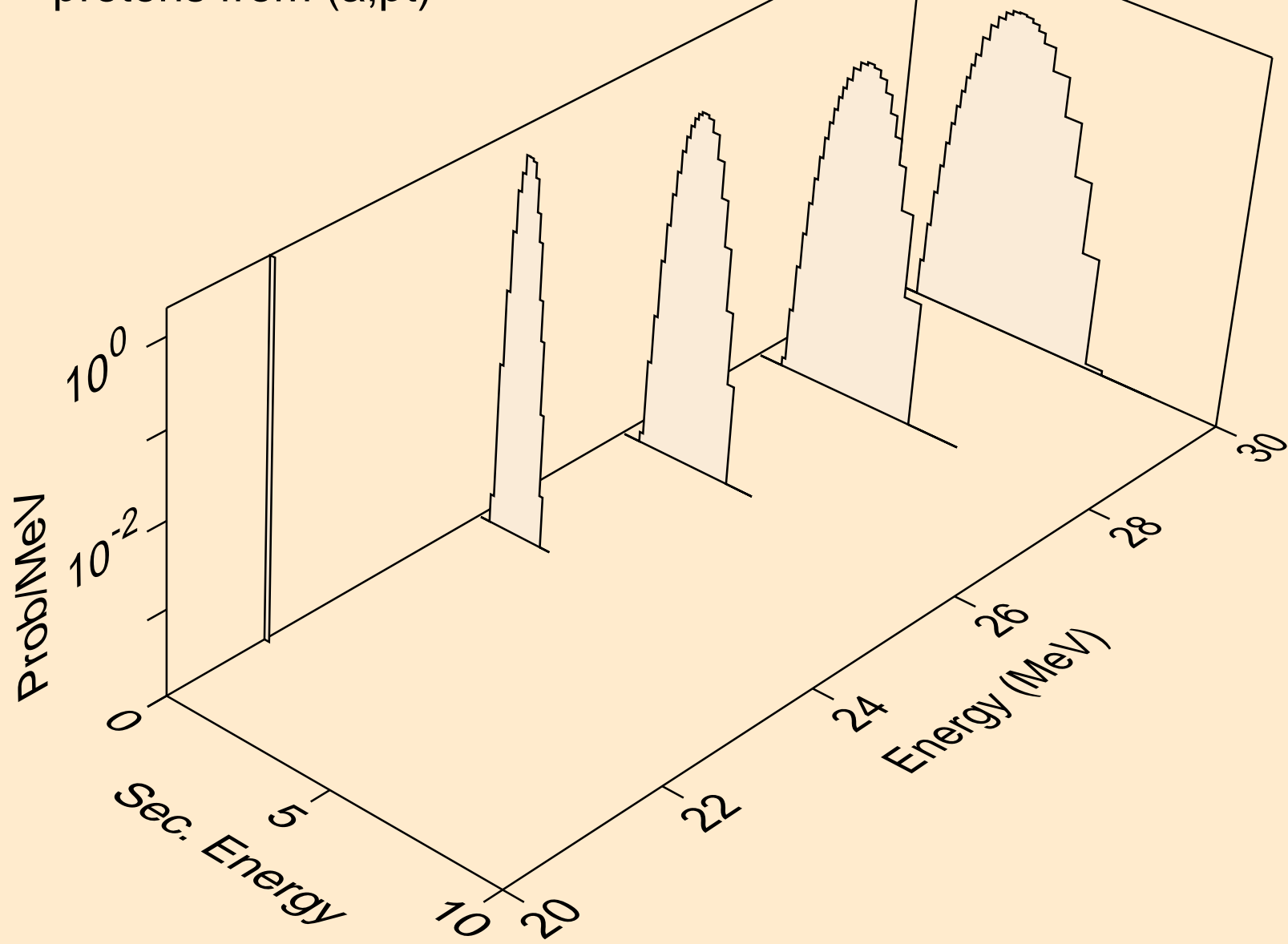
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protons from (a,pa)



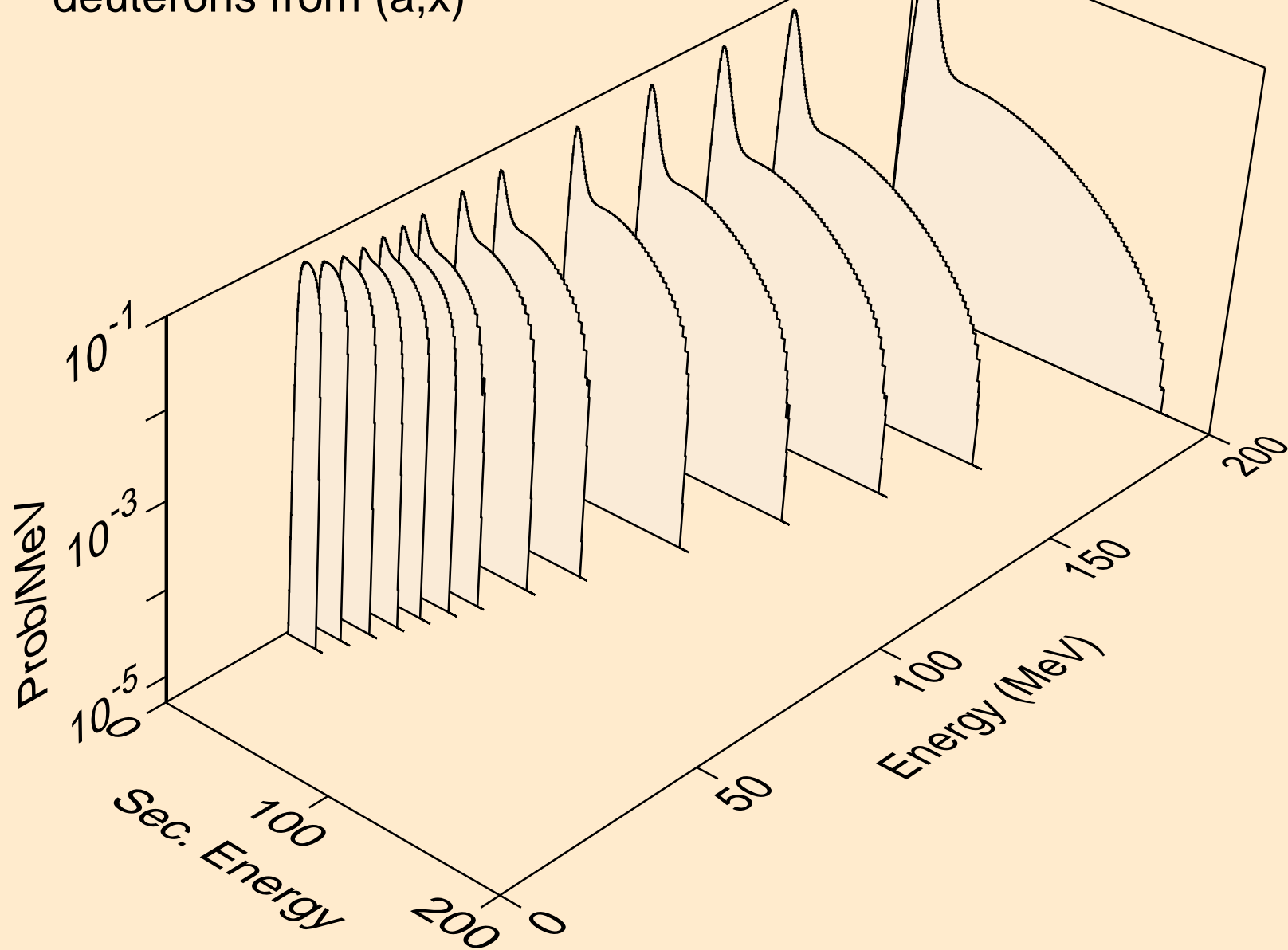
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protons from (a,pd)



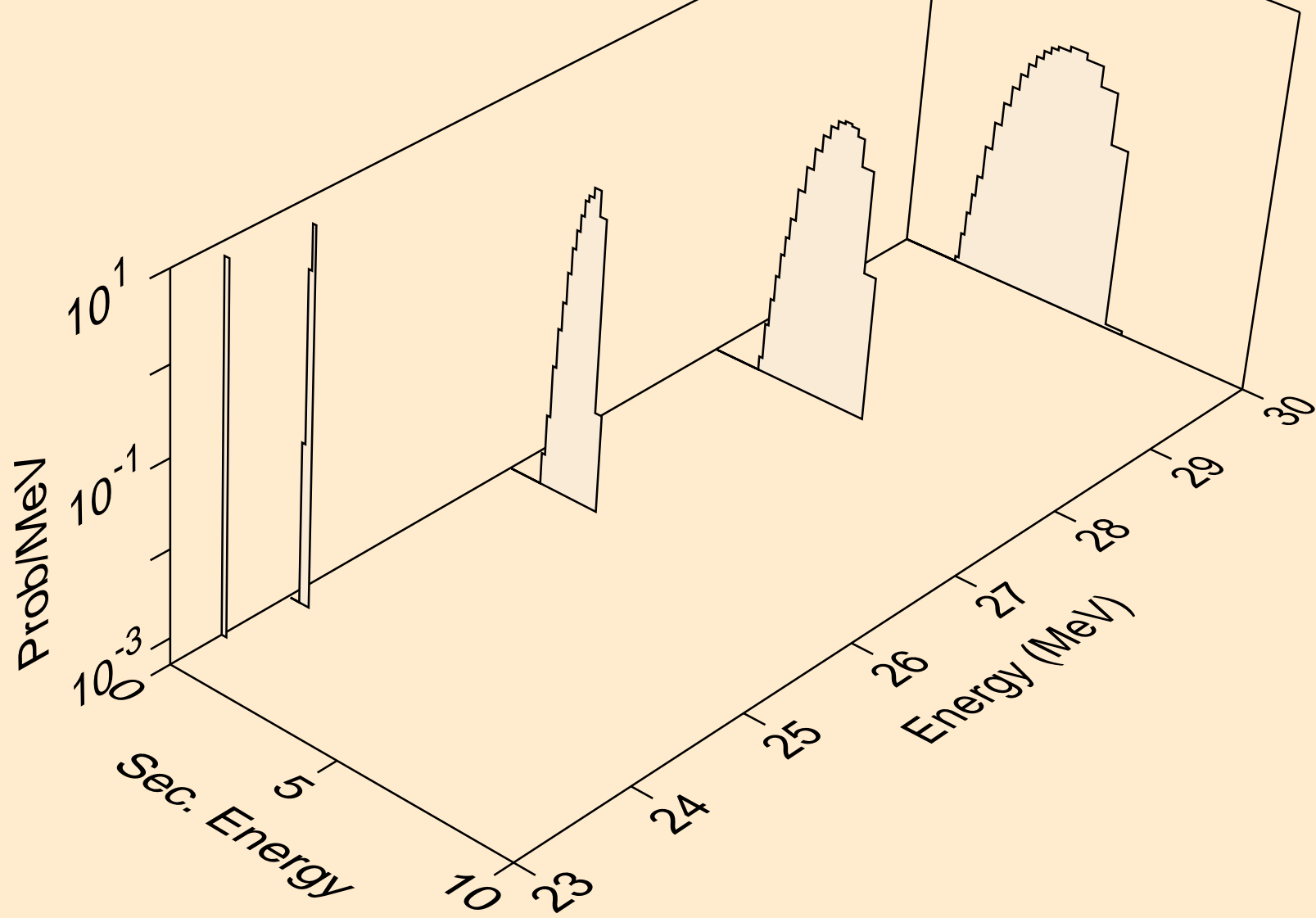
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

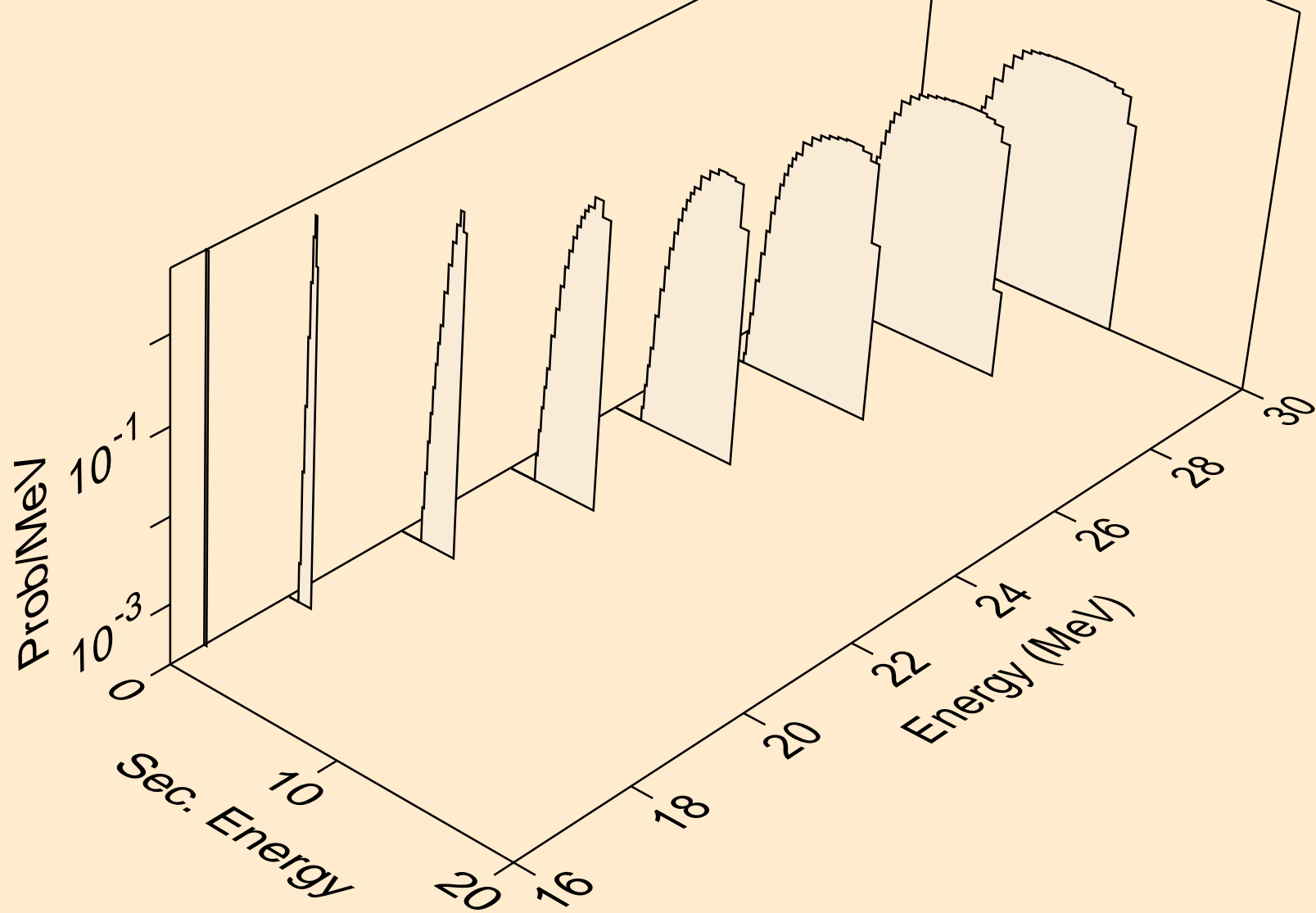


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)

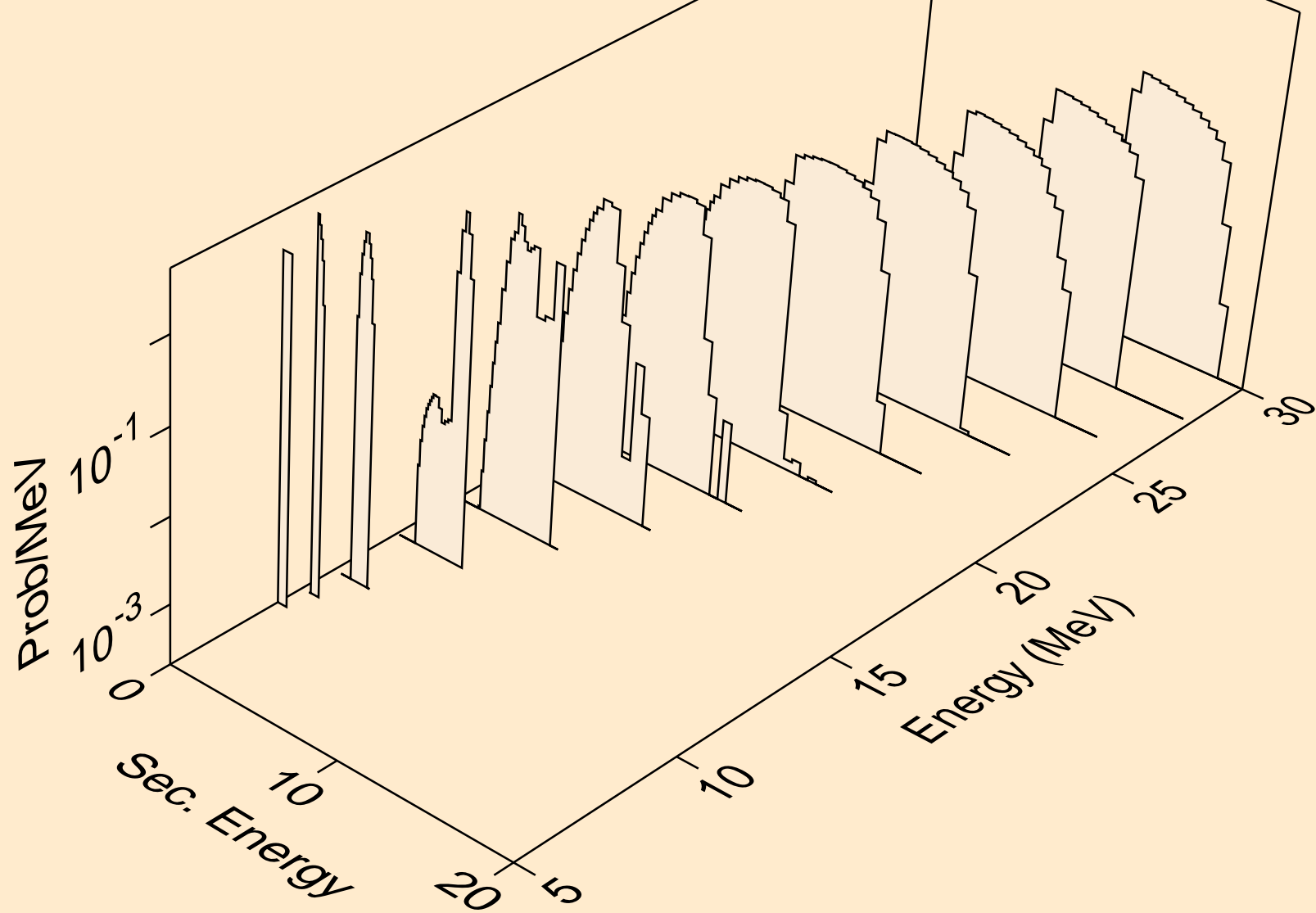




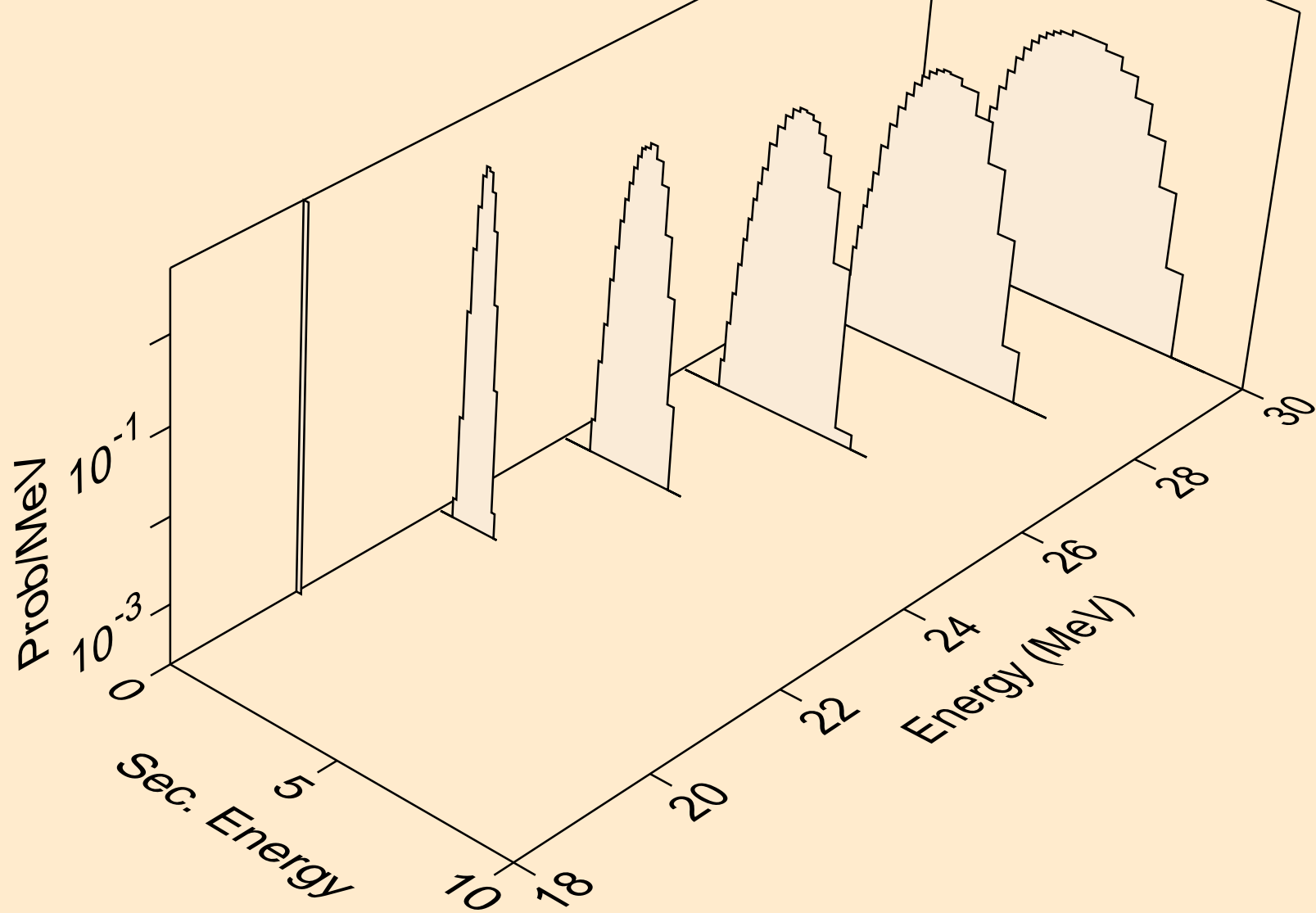
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



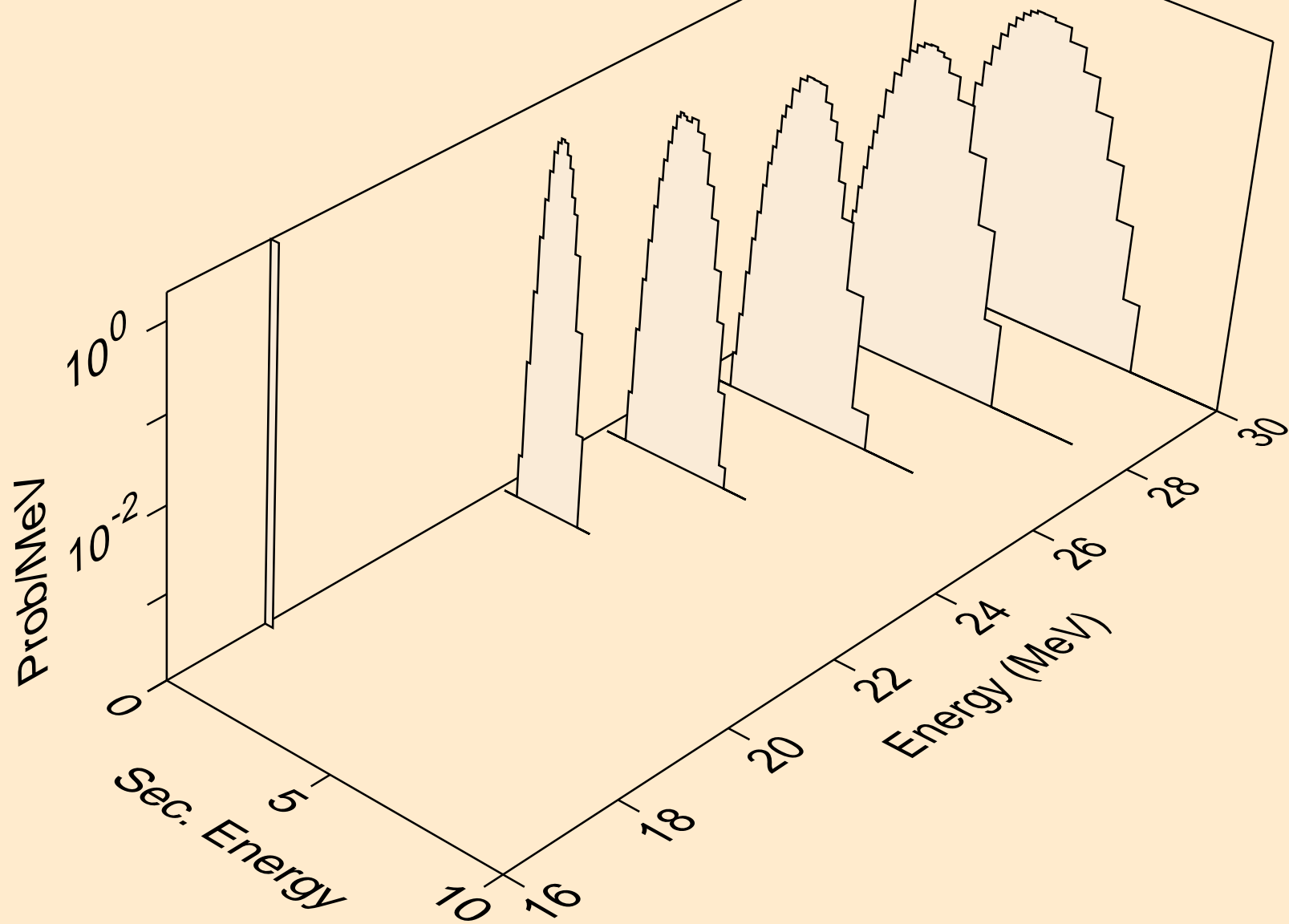
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



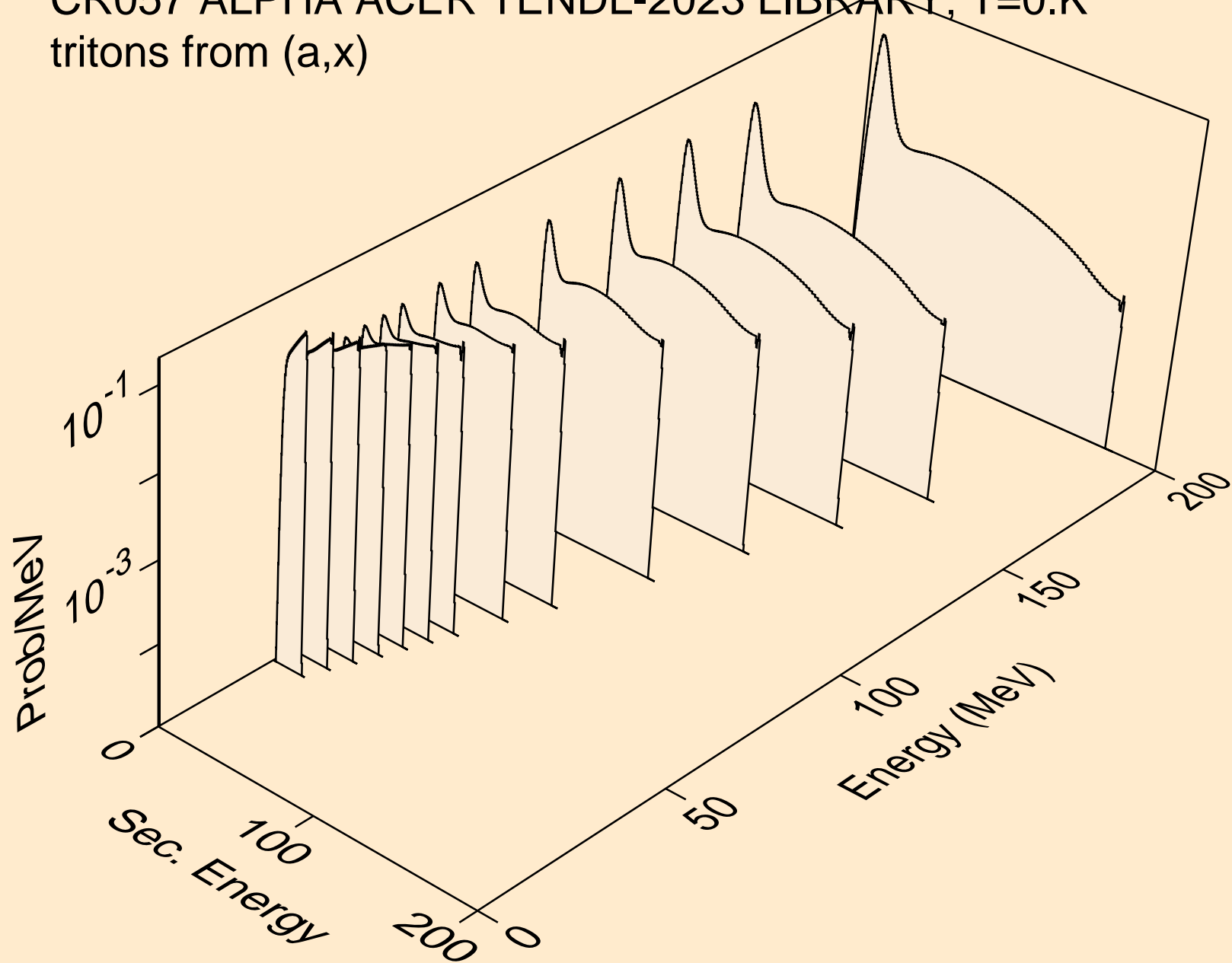
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deuterons from (a,pd)



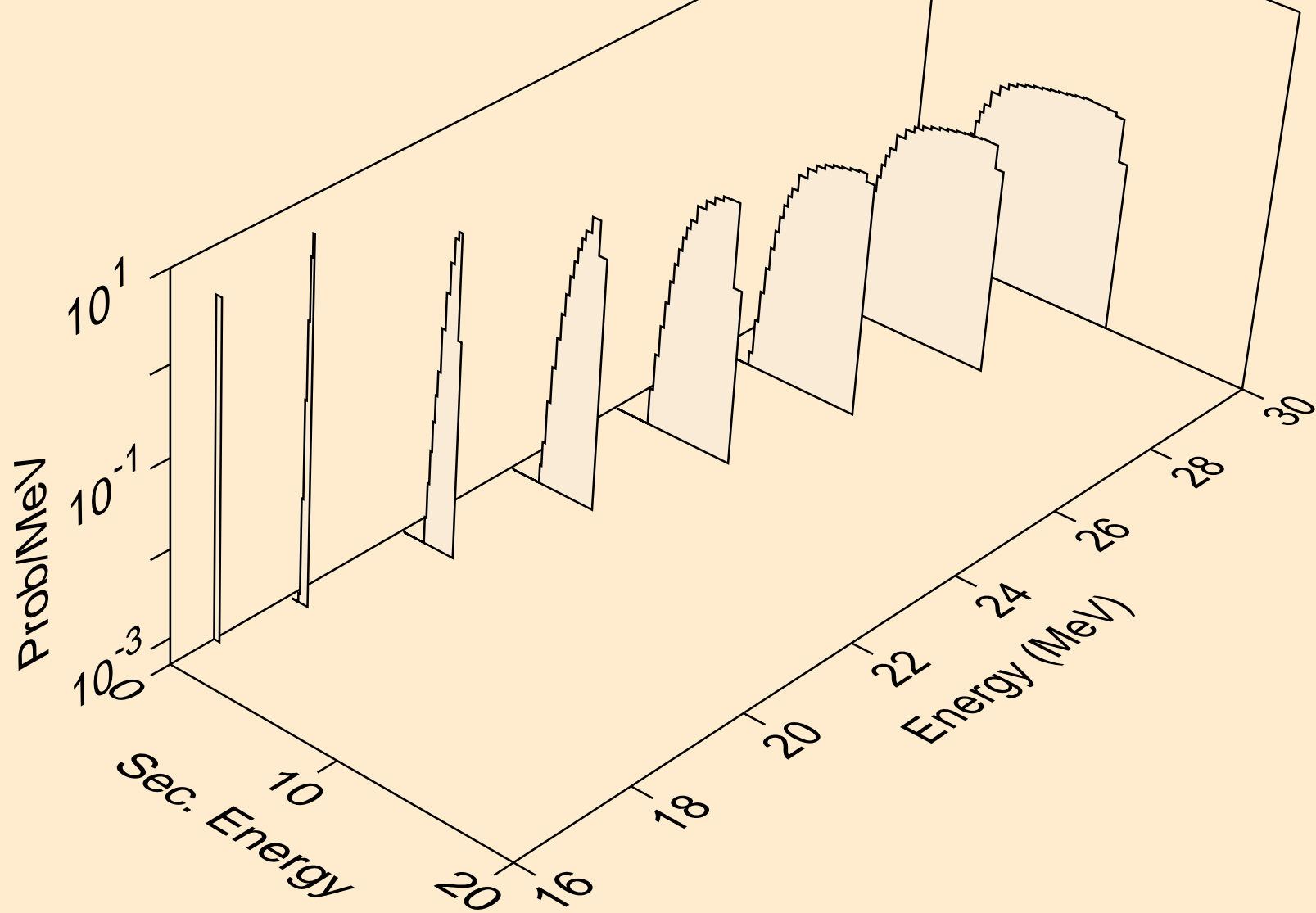
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deuterons from (a,da)



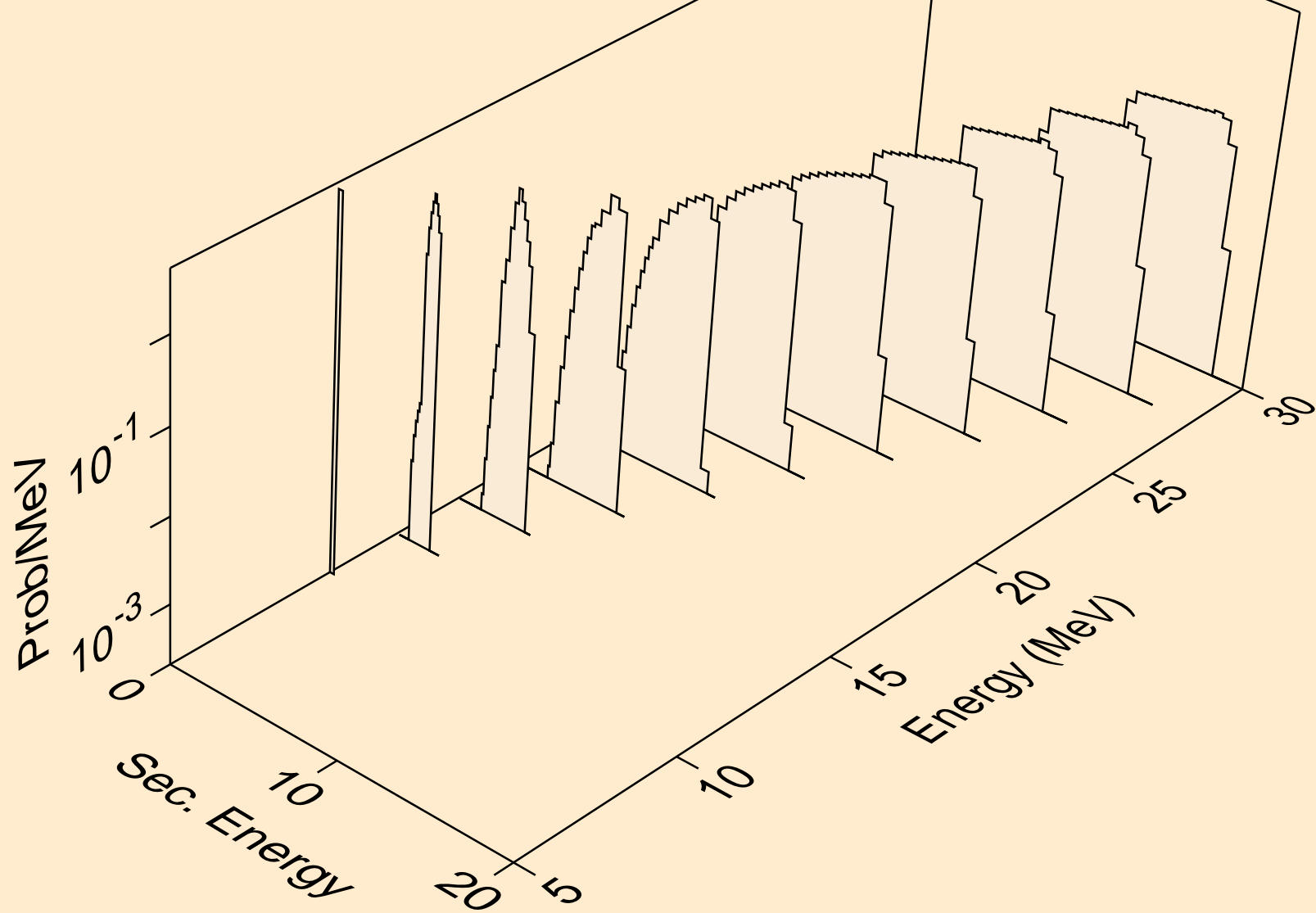
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



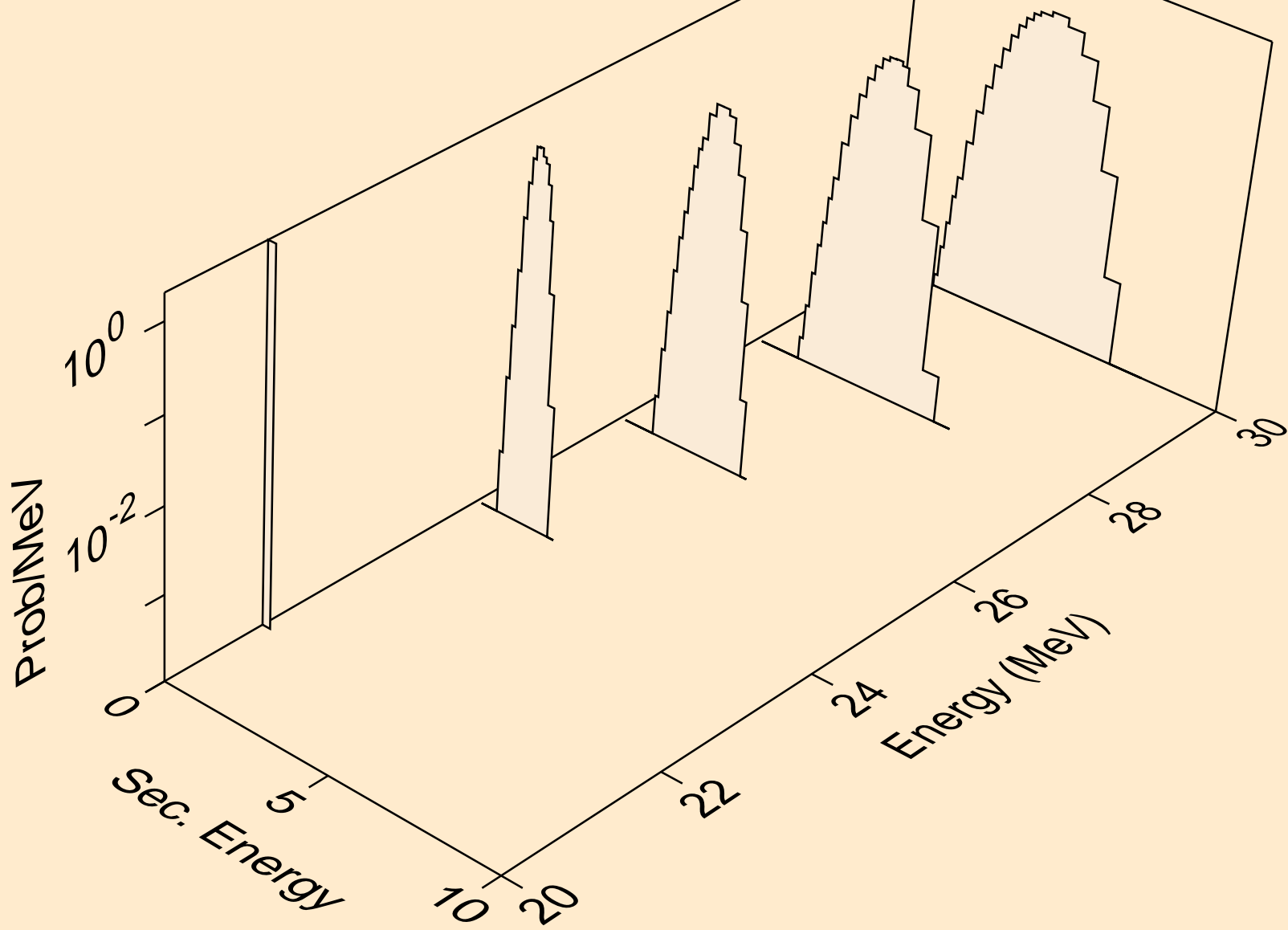
CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)

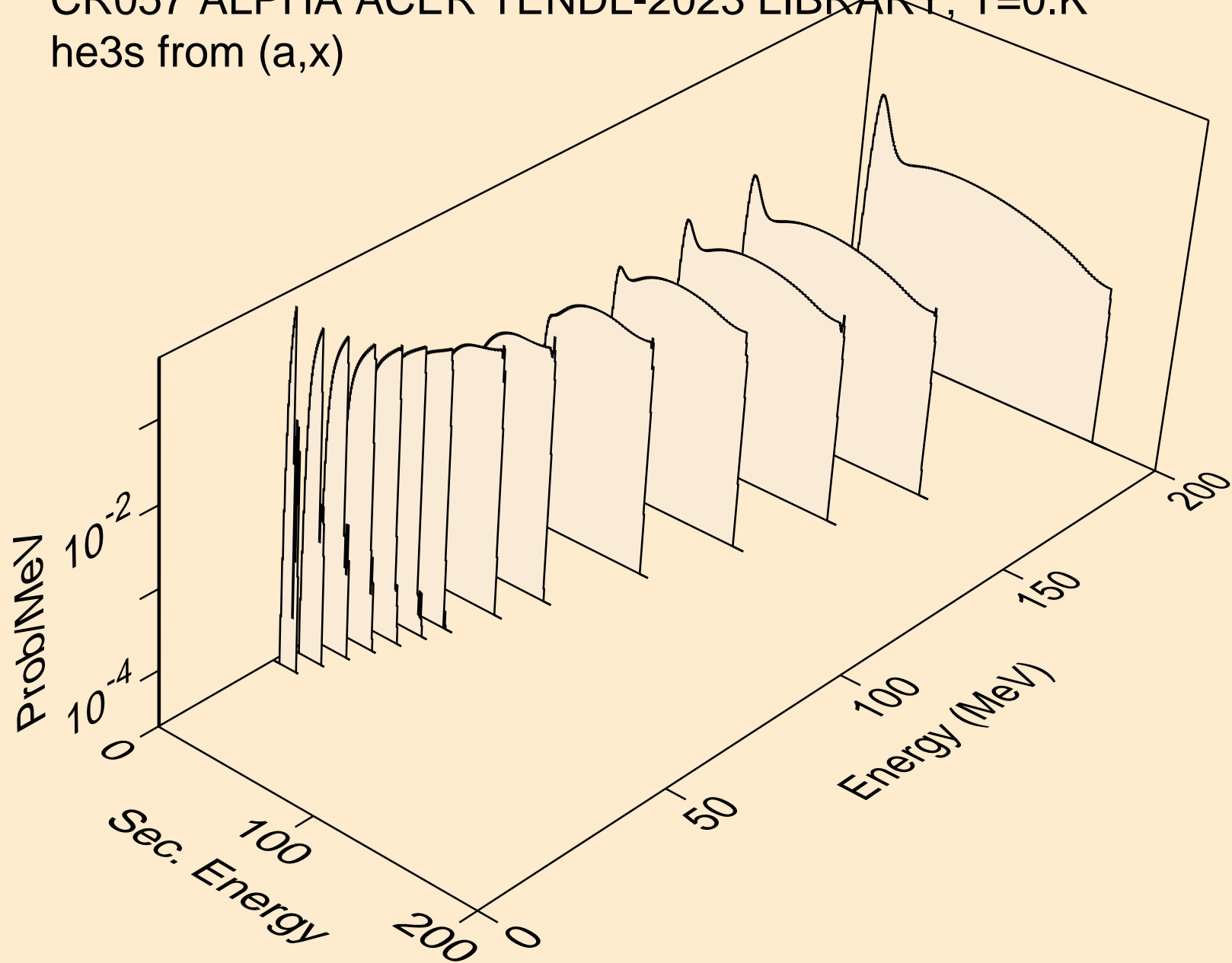


CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)

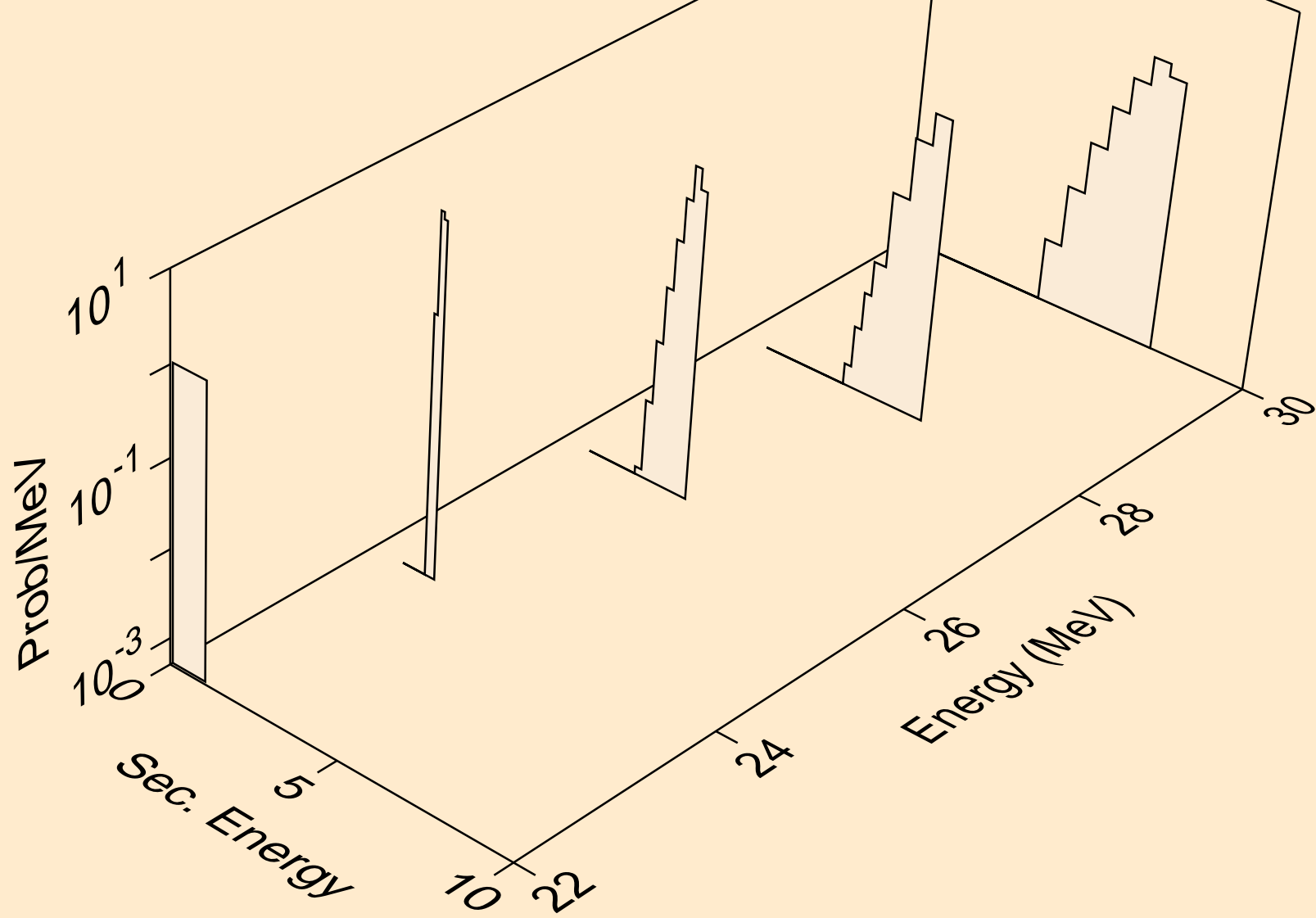




CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



CR057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

