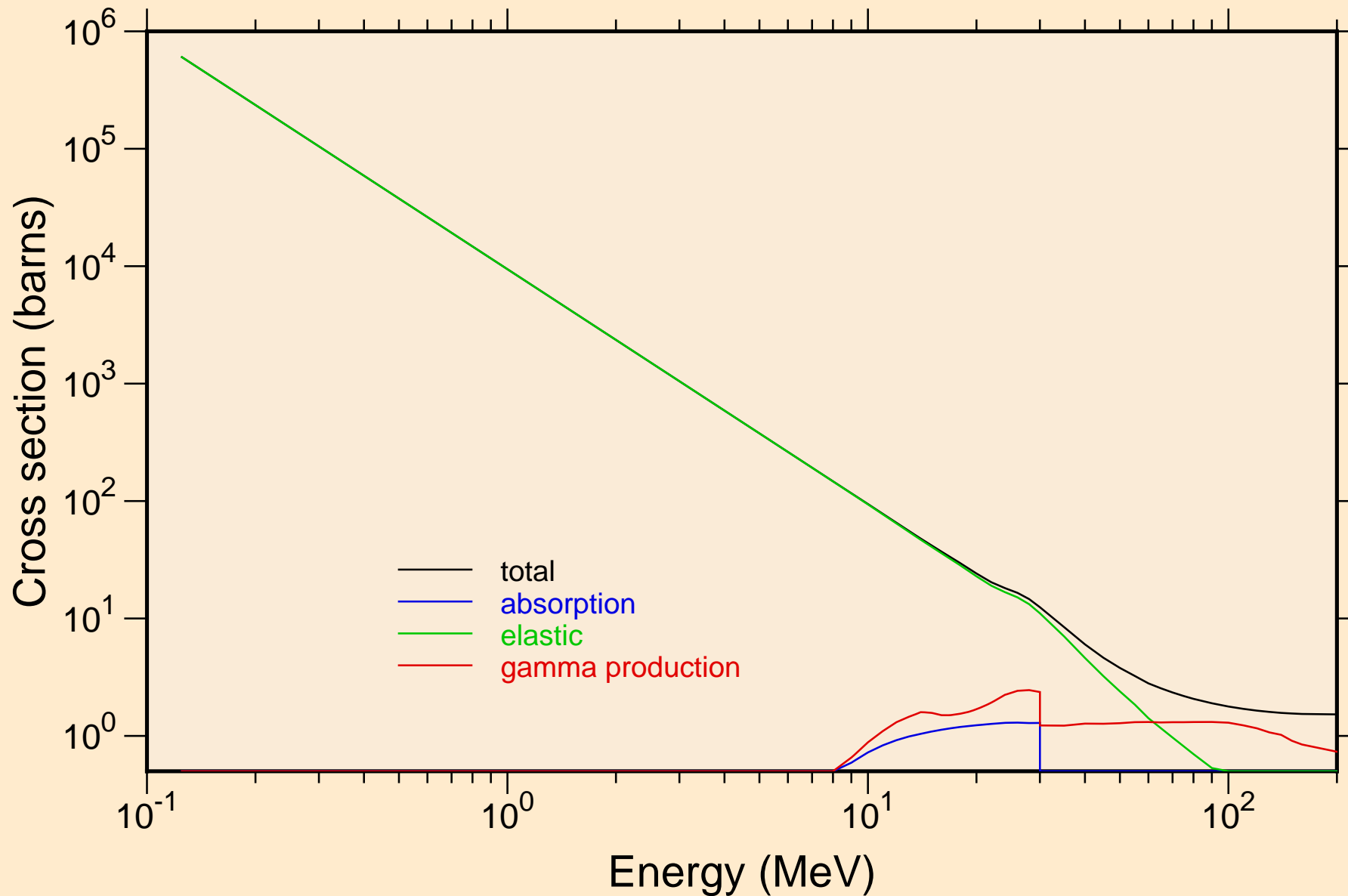
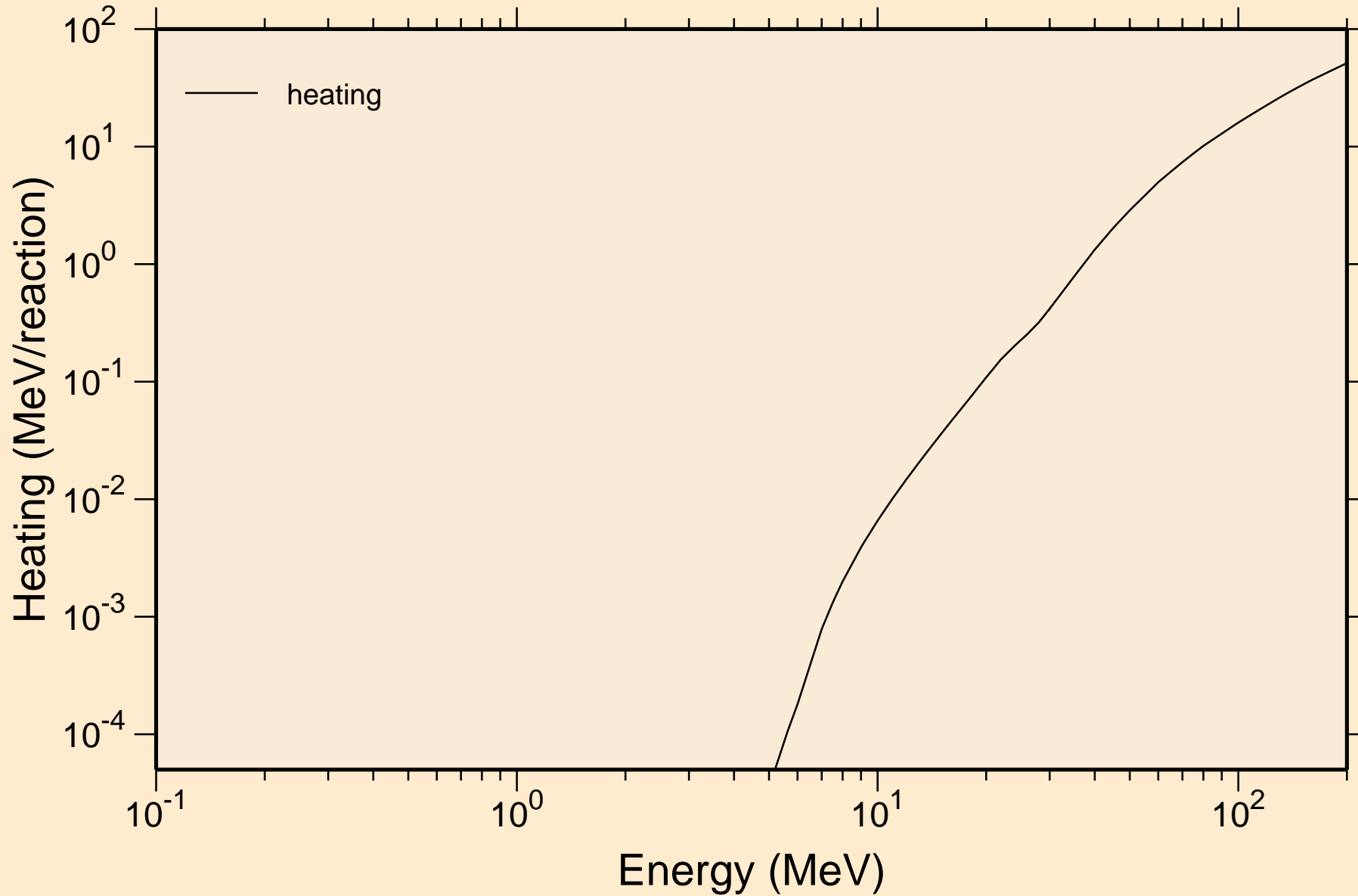


AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



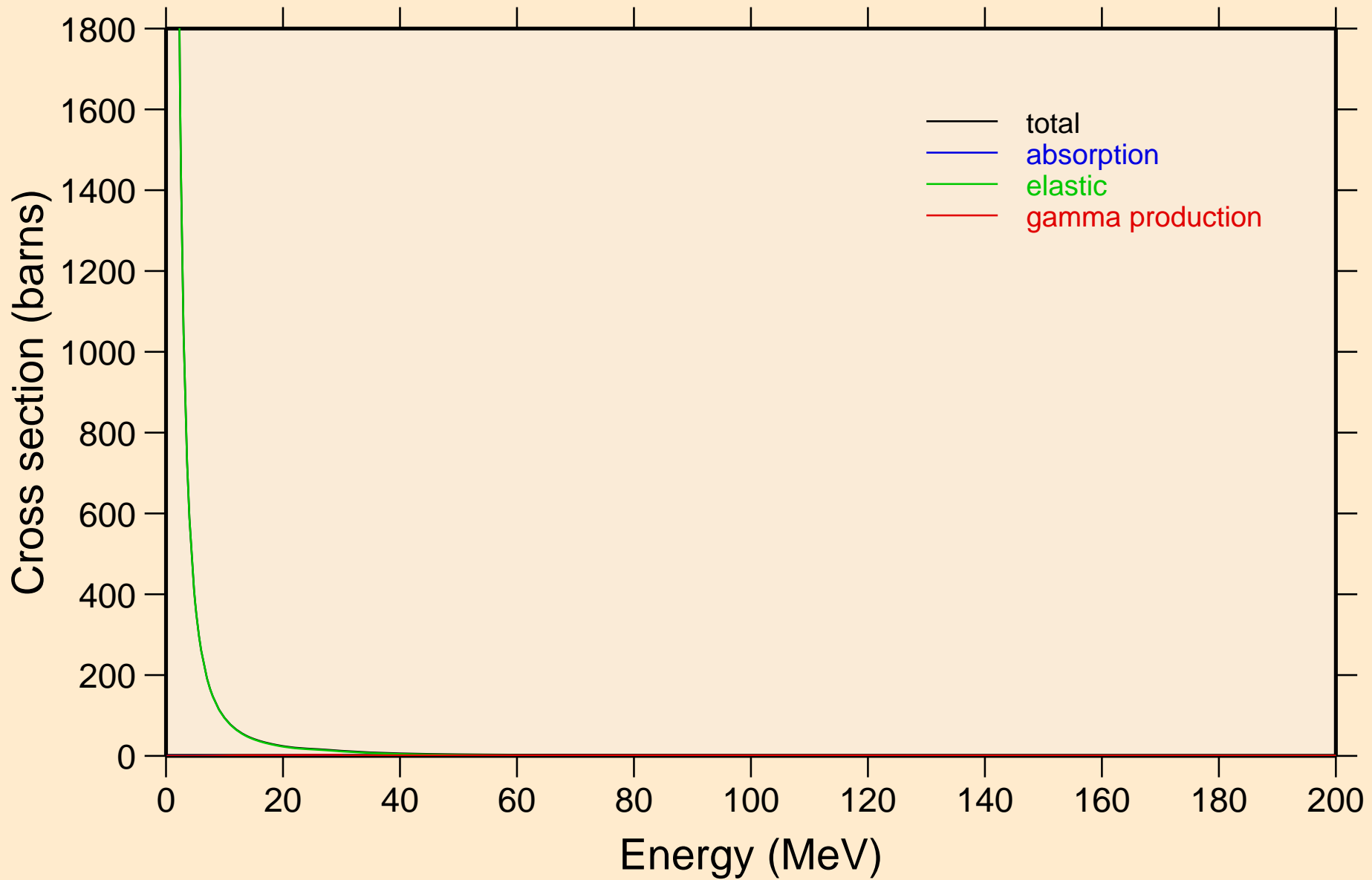
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



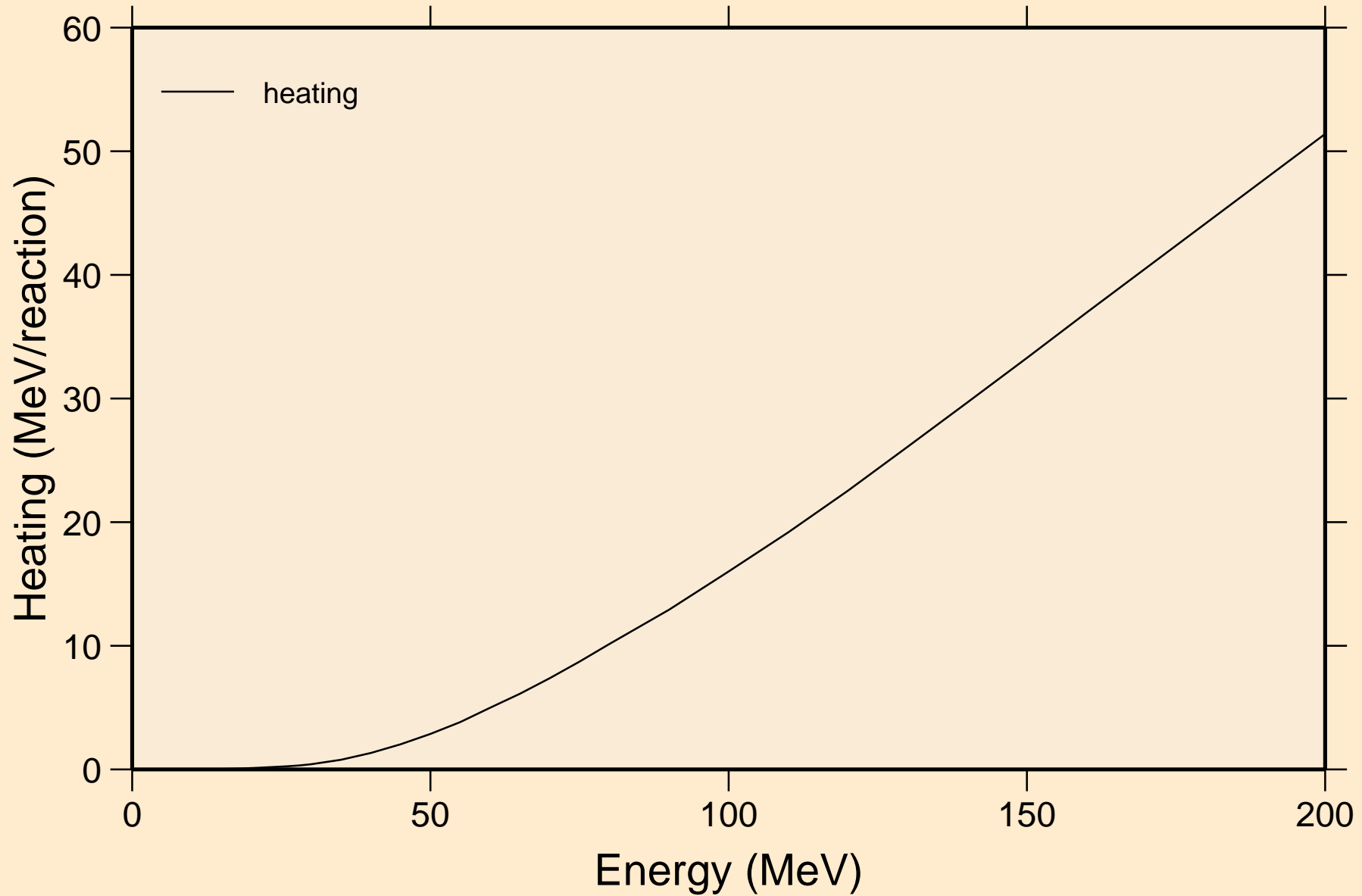
# AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

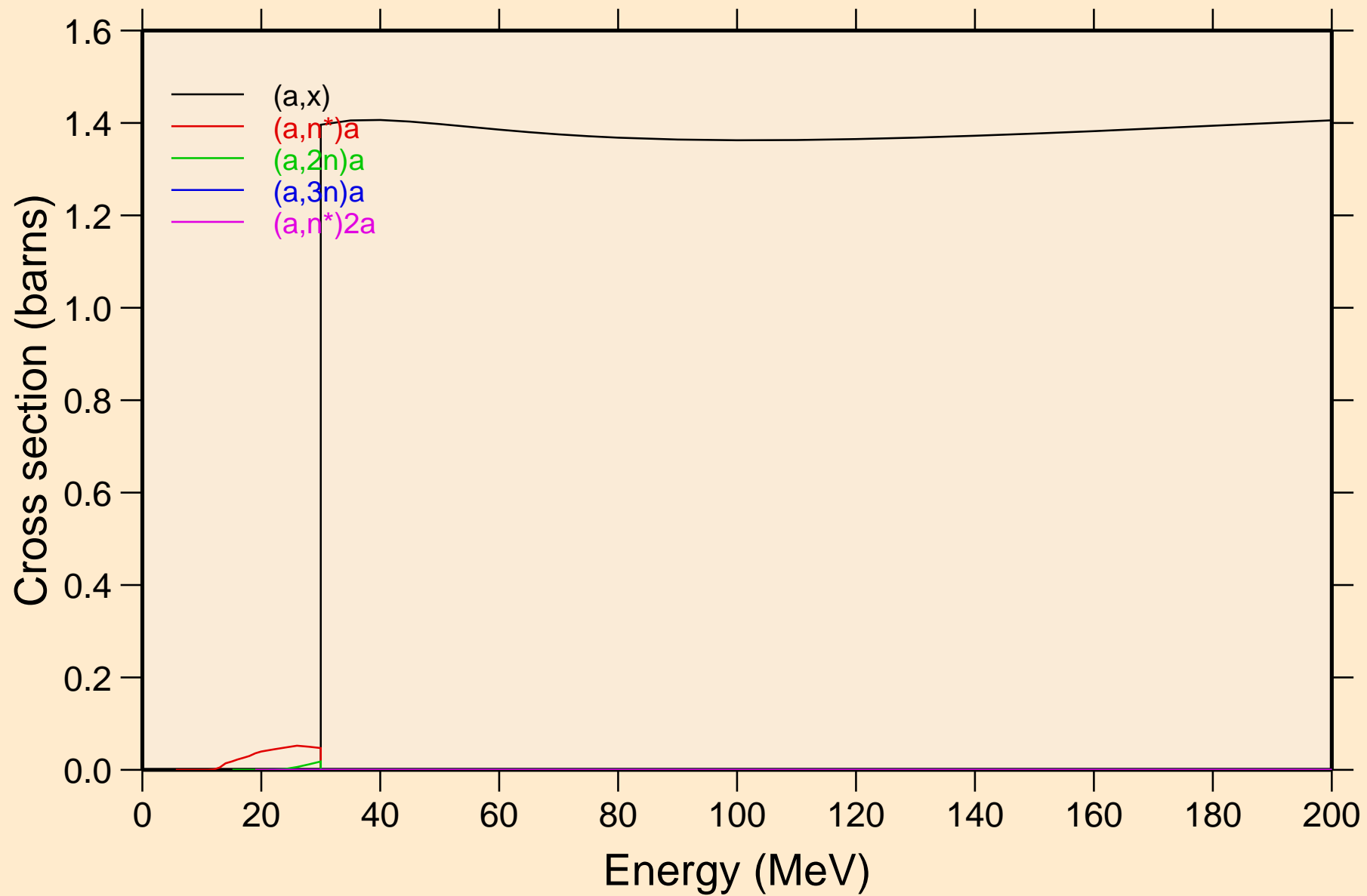


AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

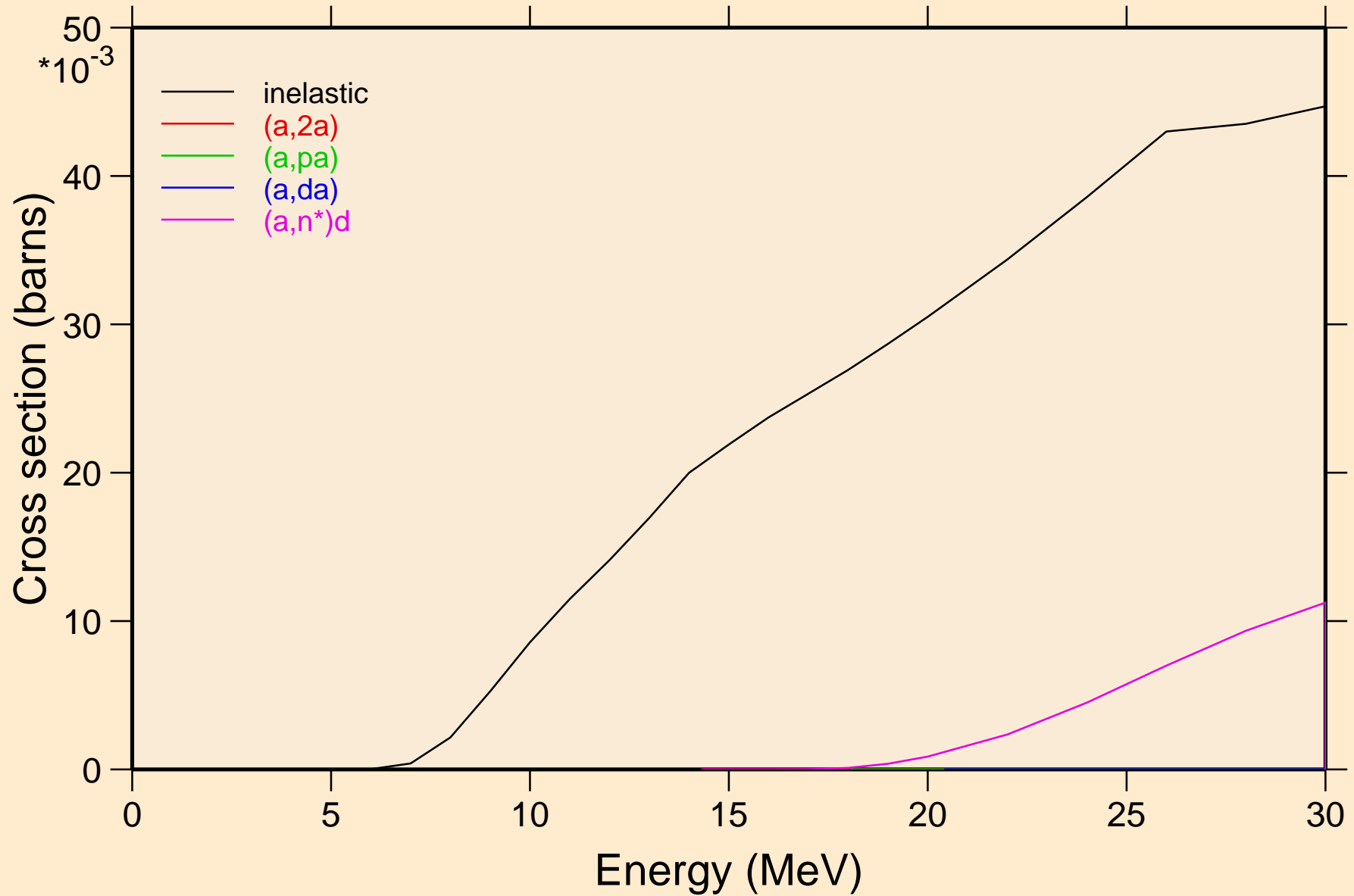
Heating



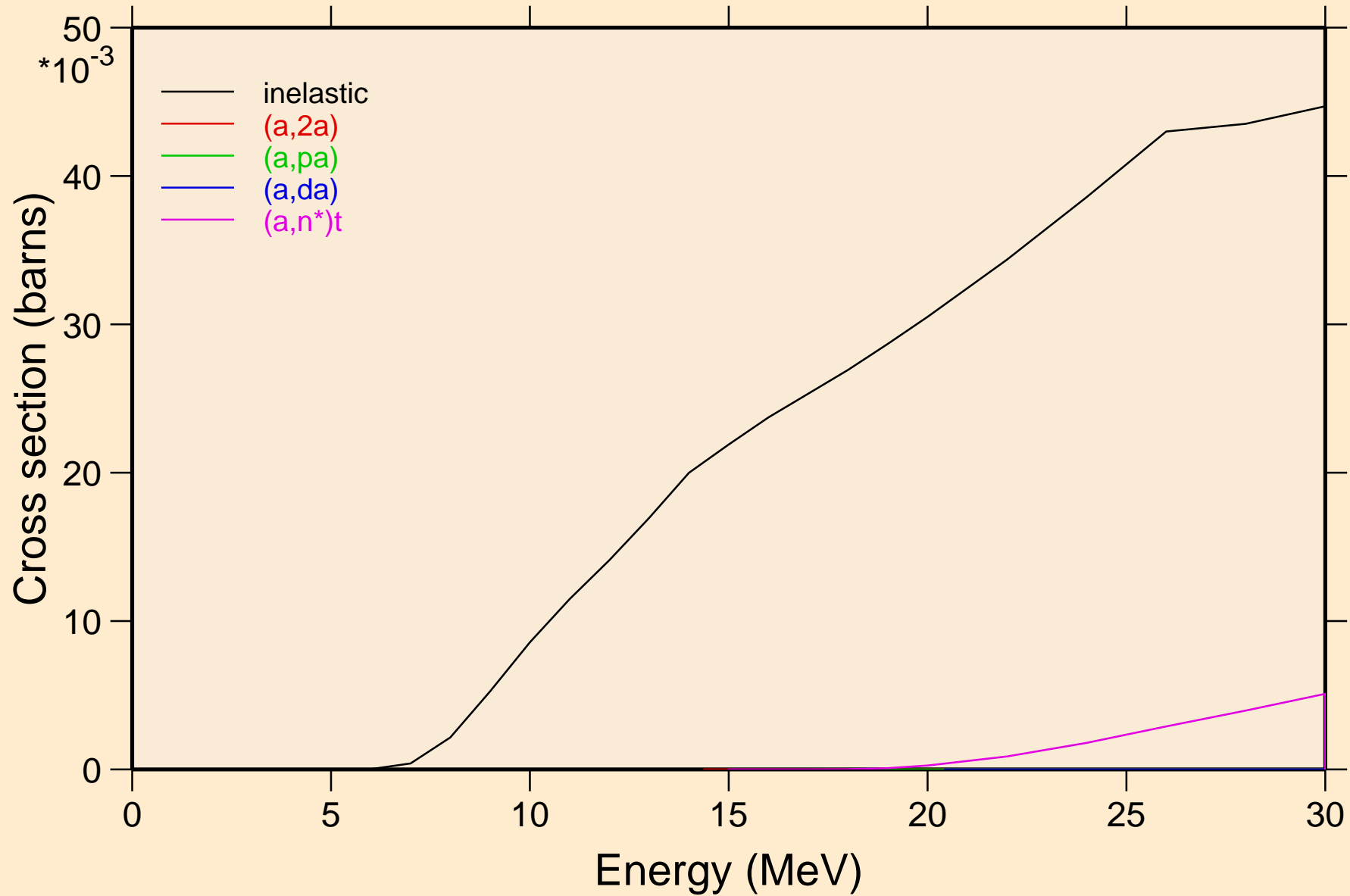
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



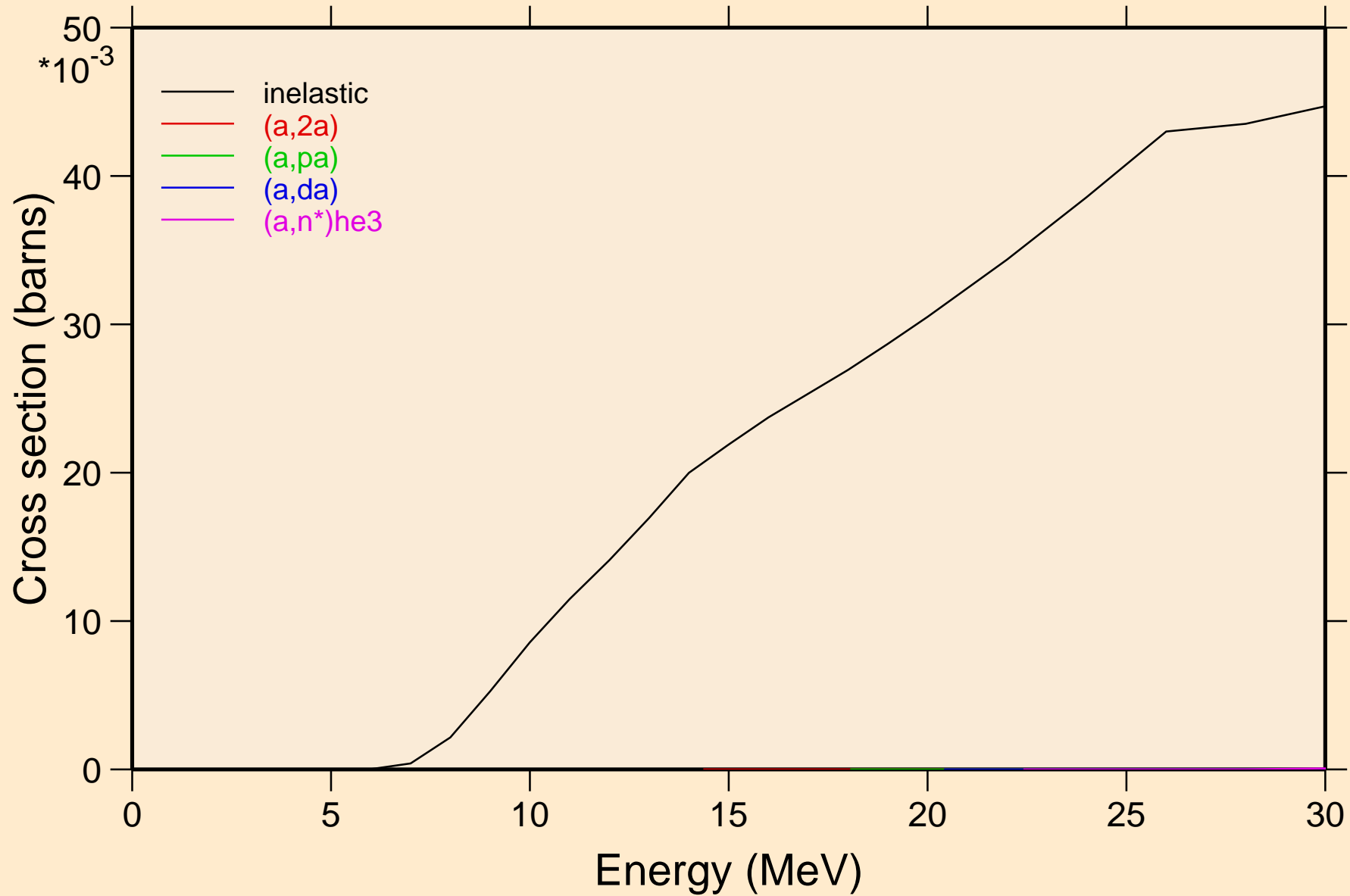
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

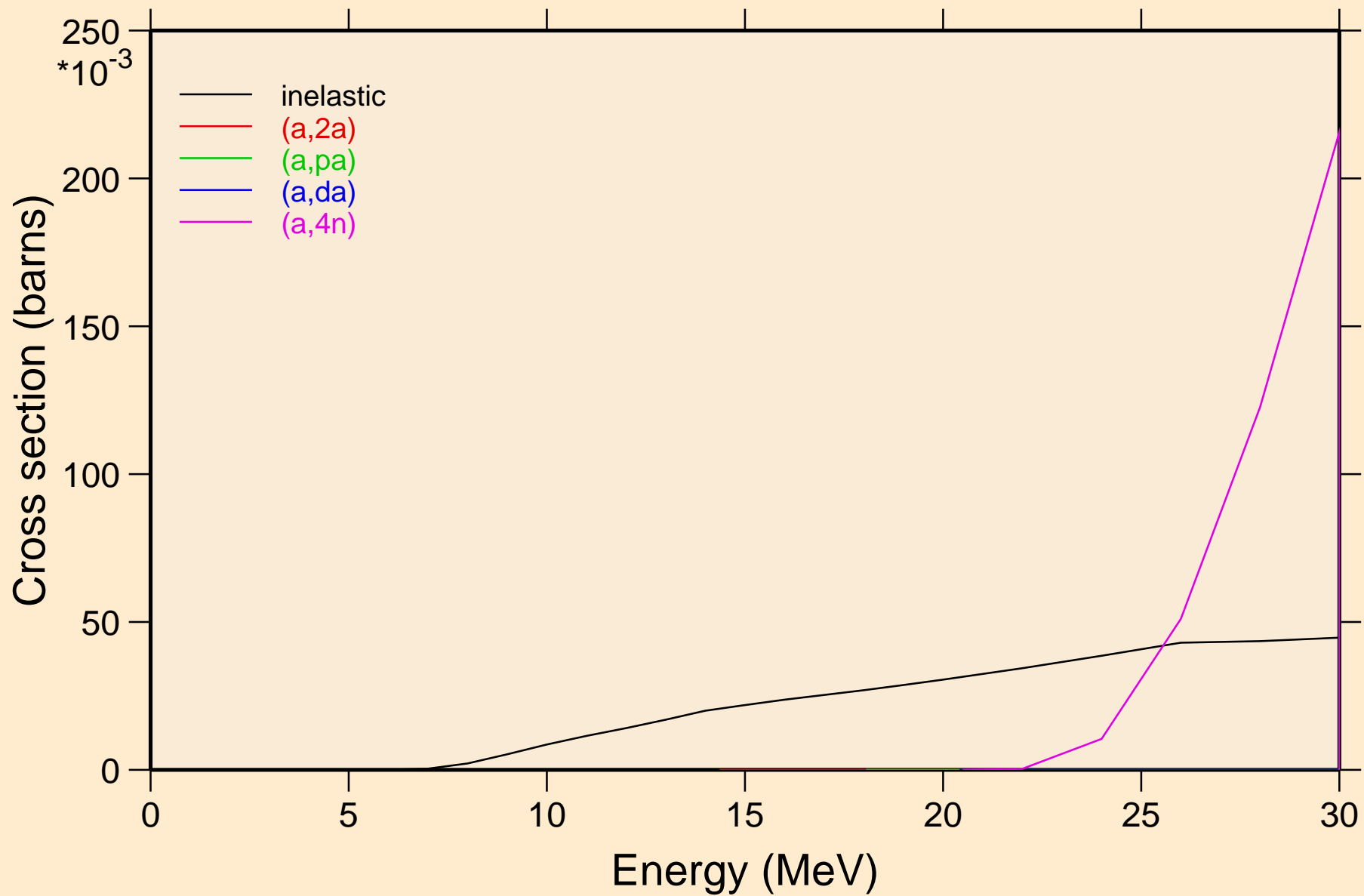


AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

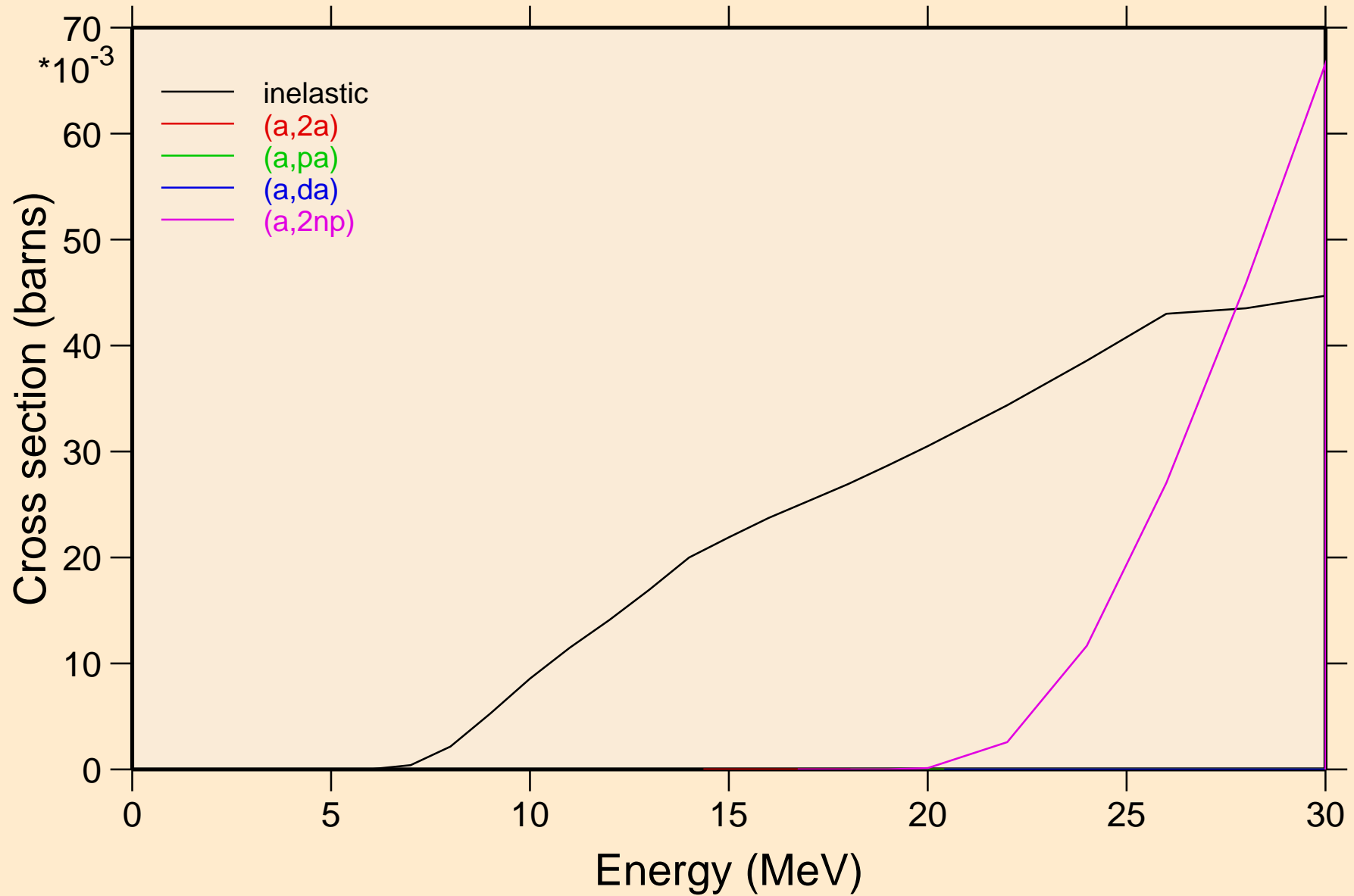




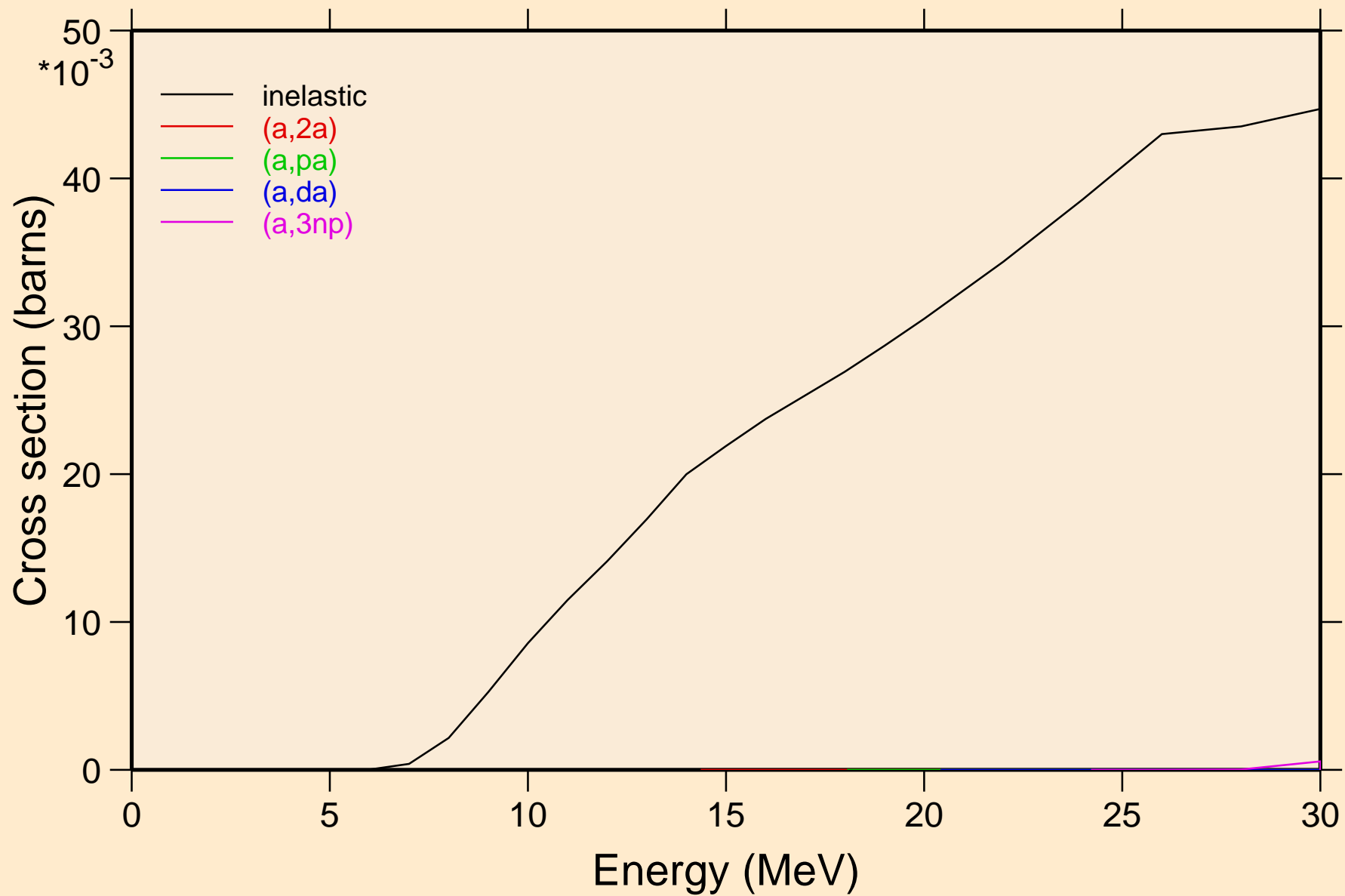
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Threshold reactions



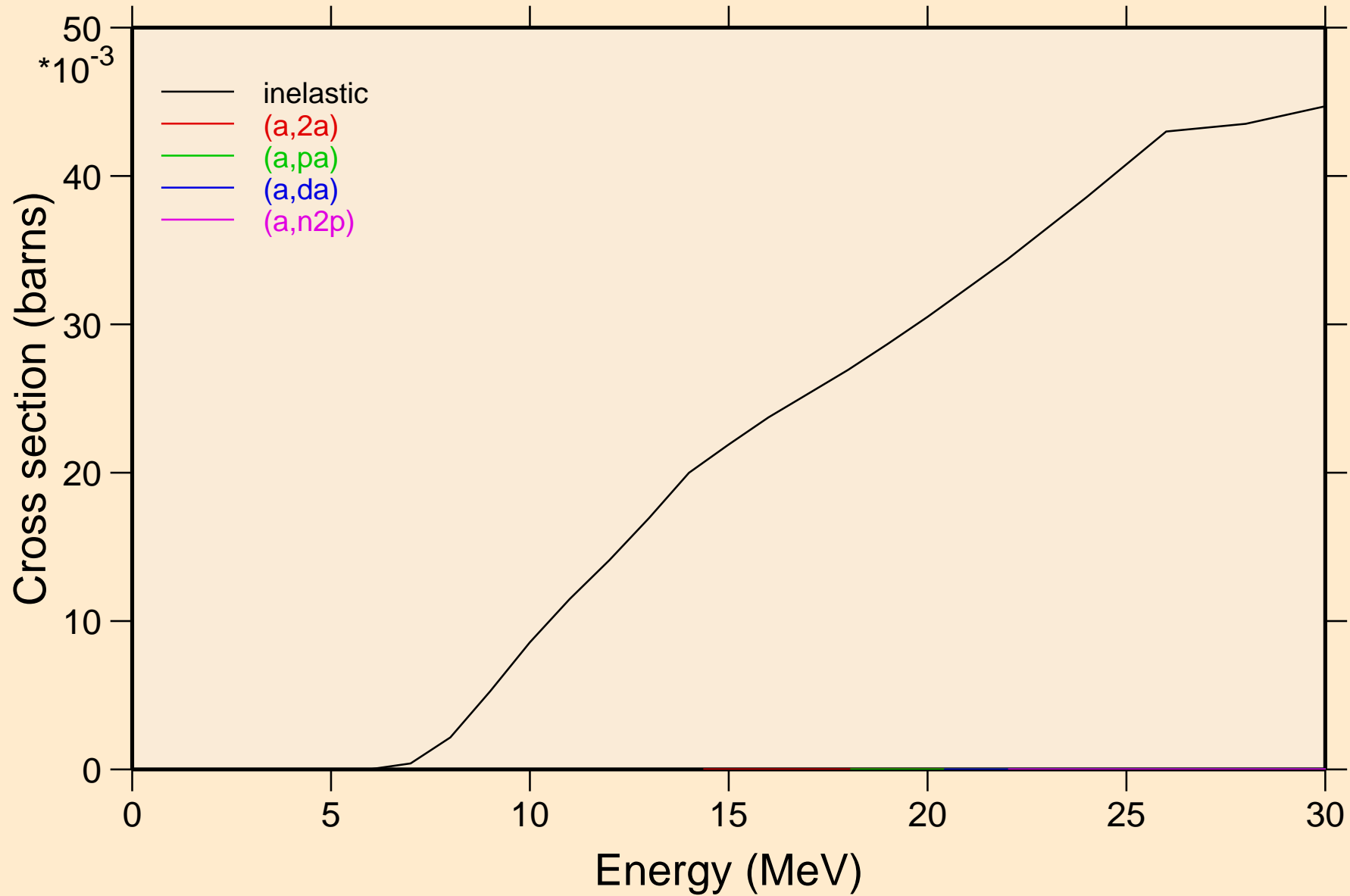
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Threshold reactions



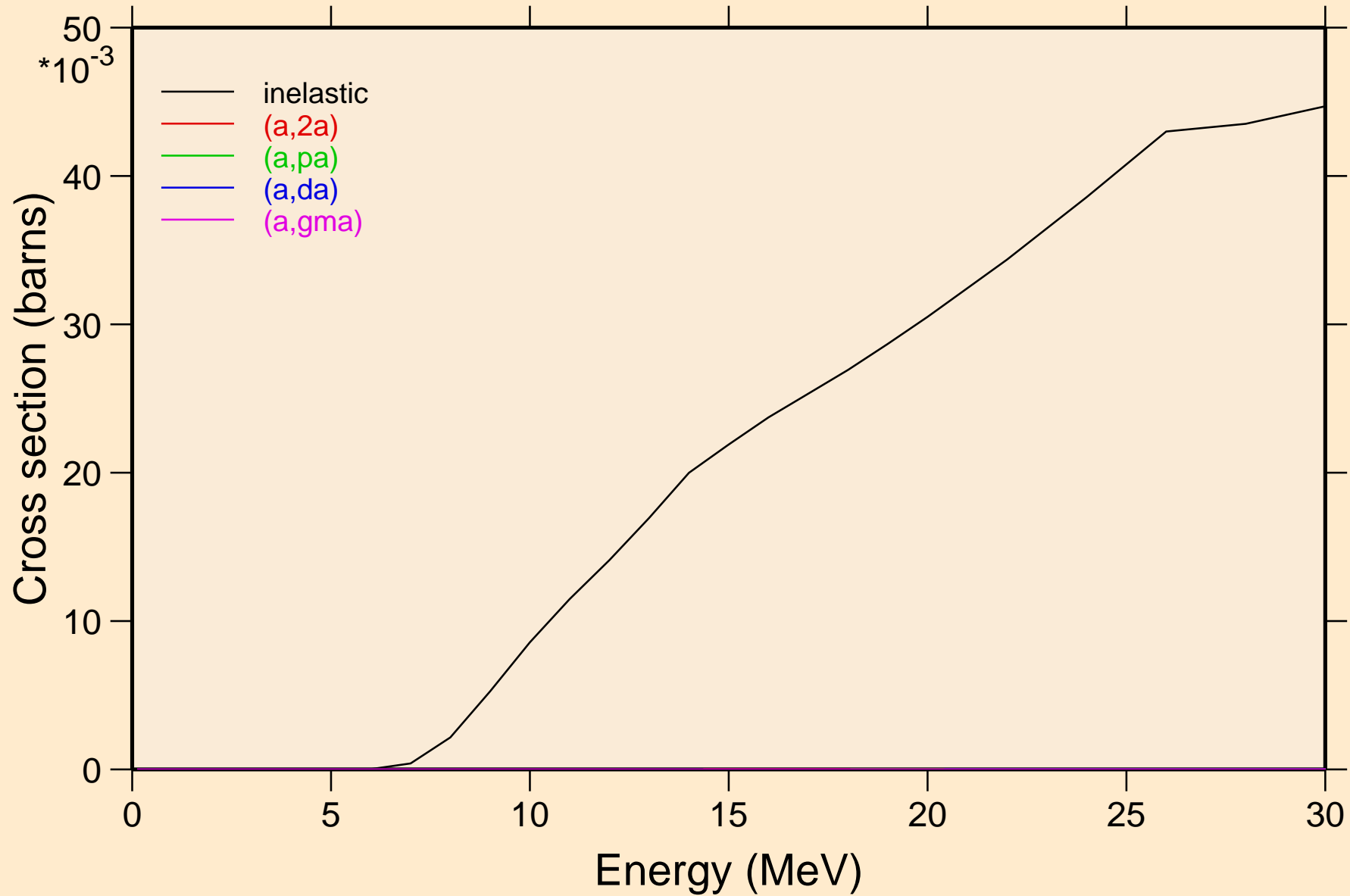
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Threshold reactions



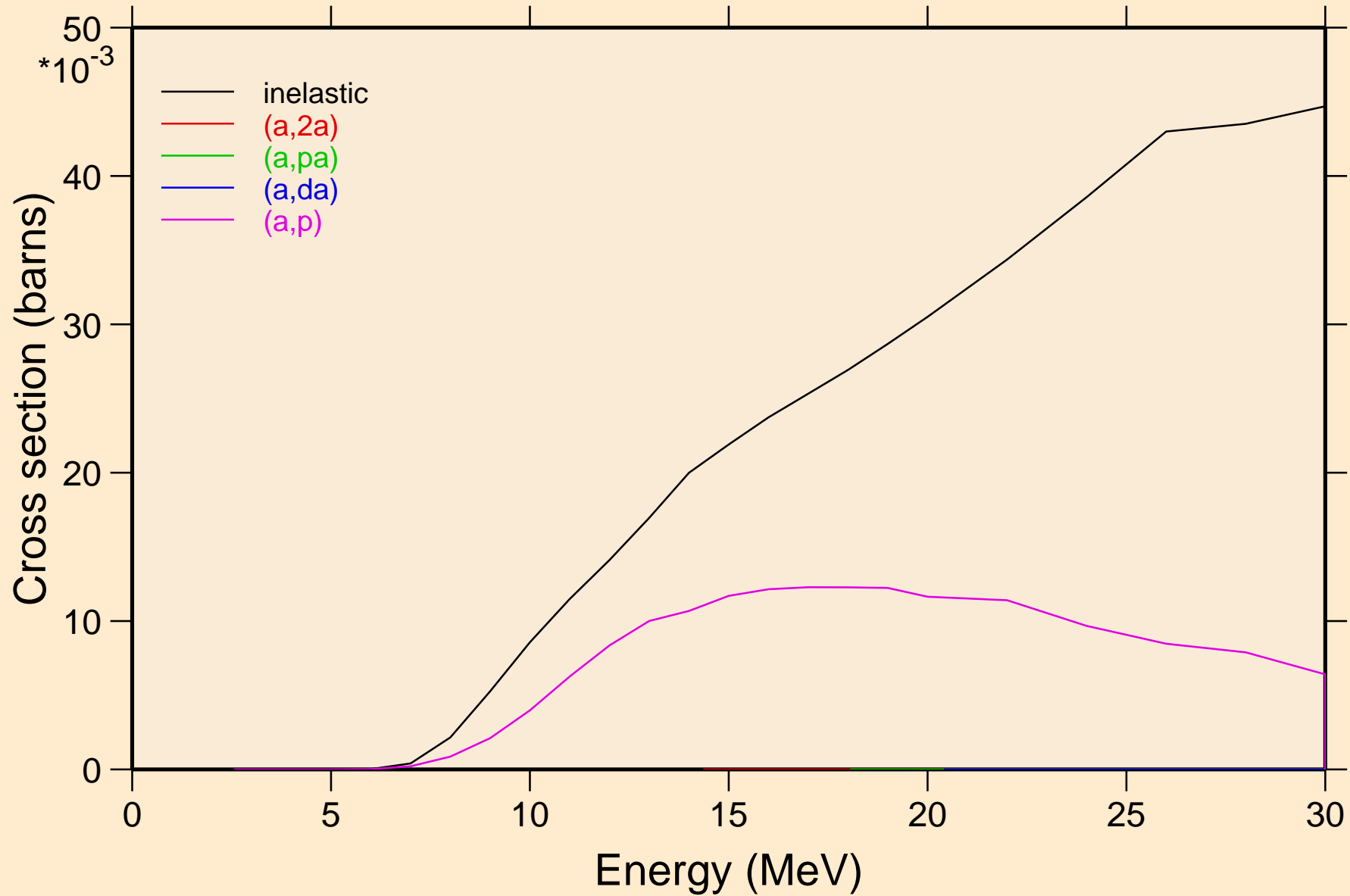
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Threshold reactions



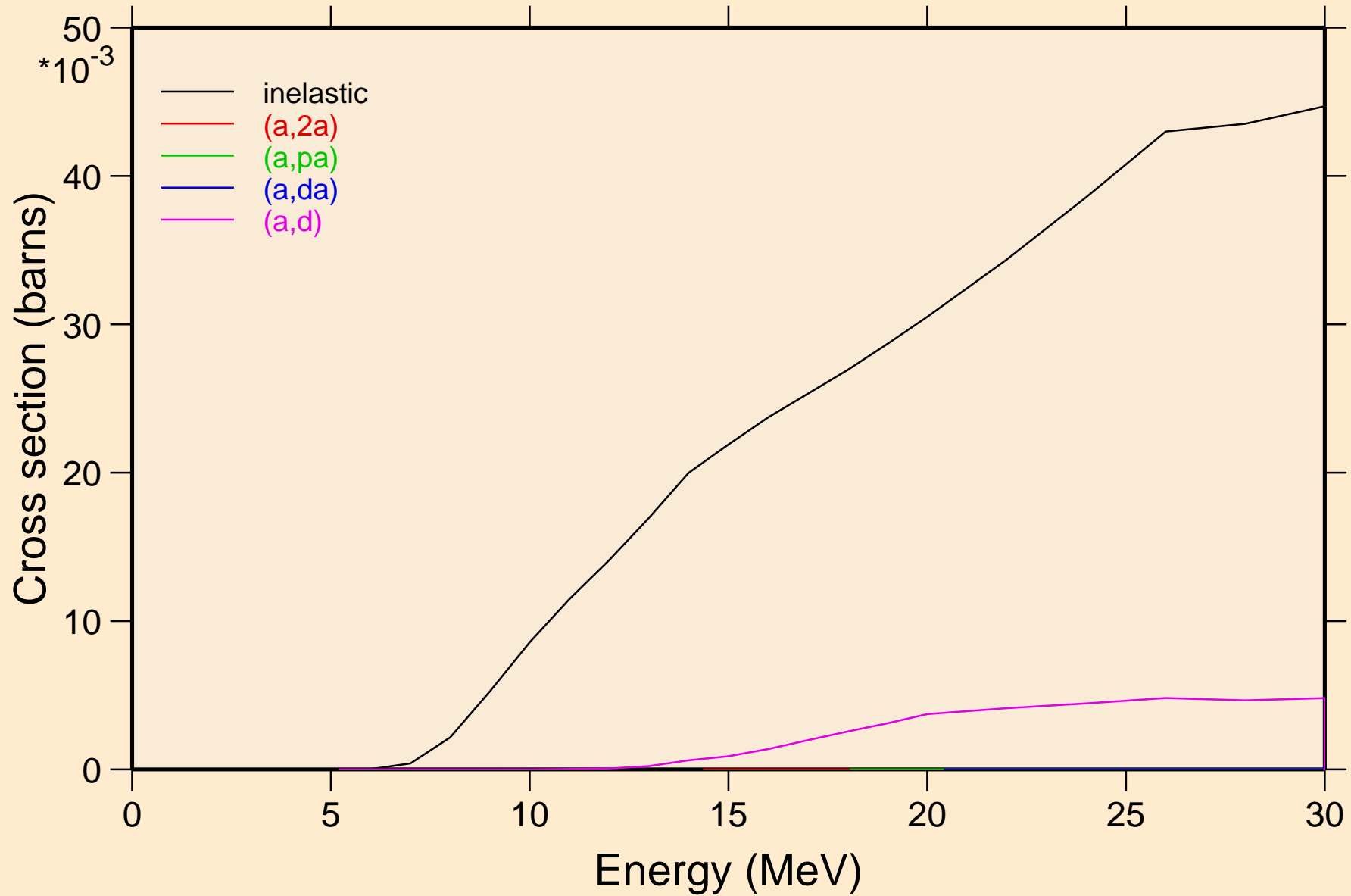
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Threshold reactions



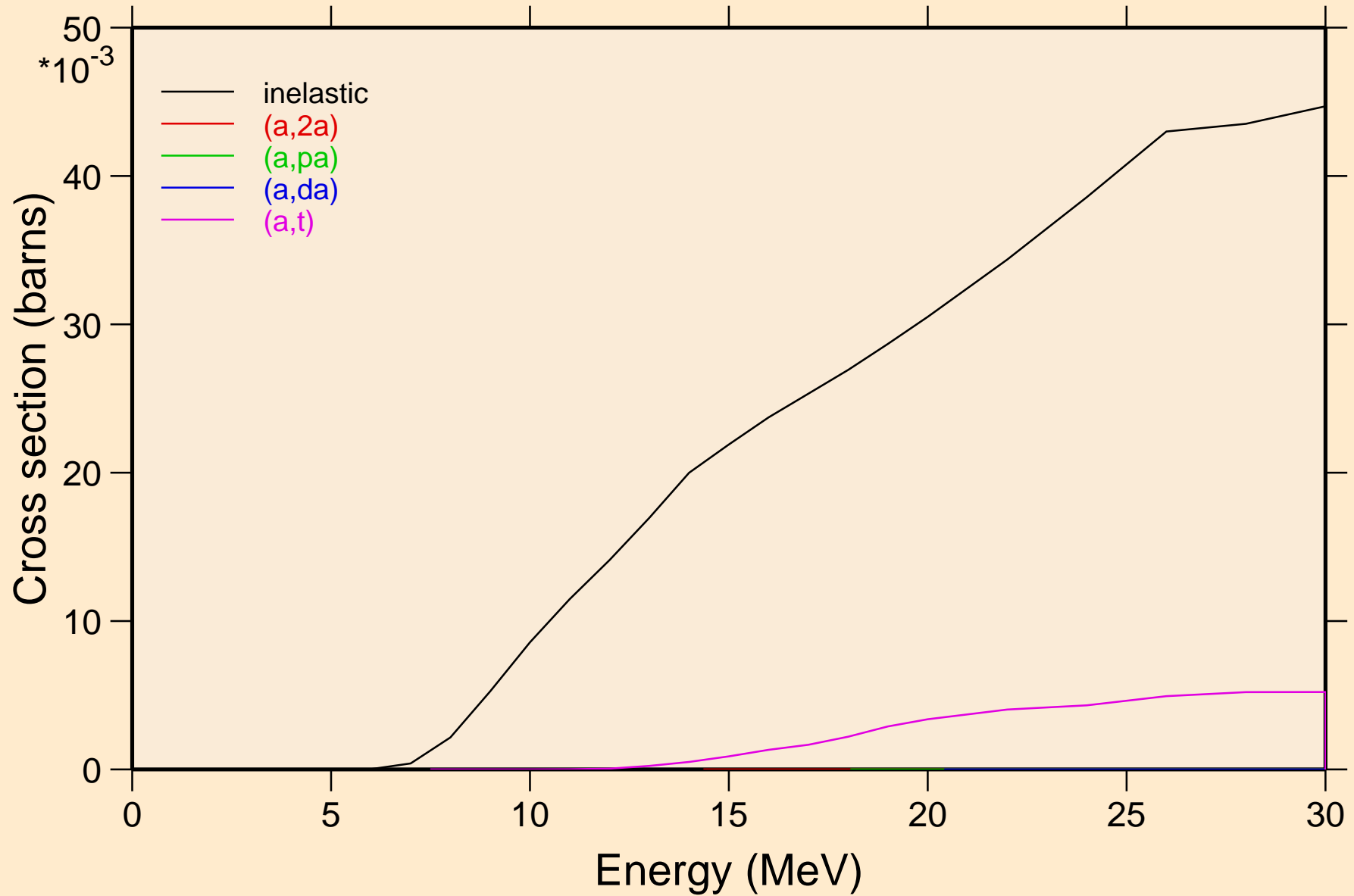
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Threshold reactions



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

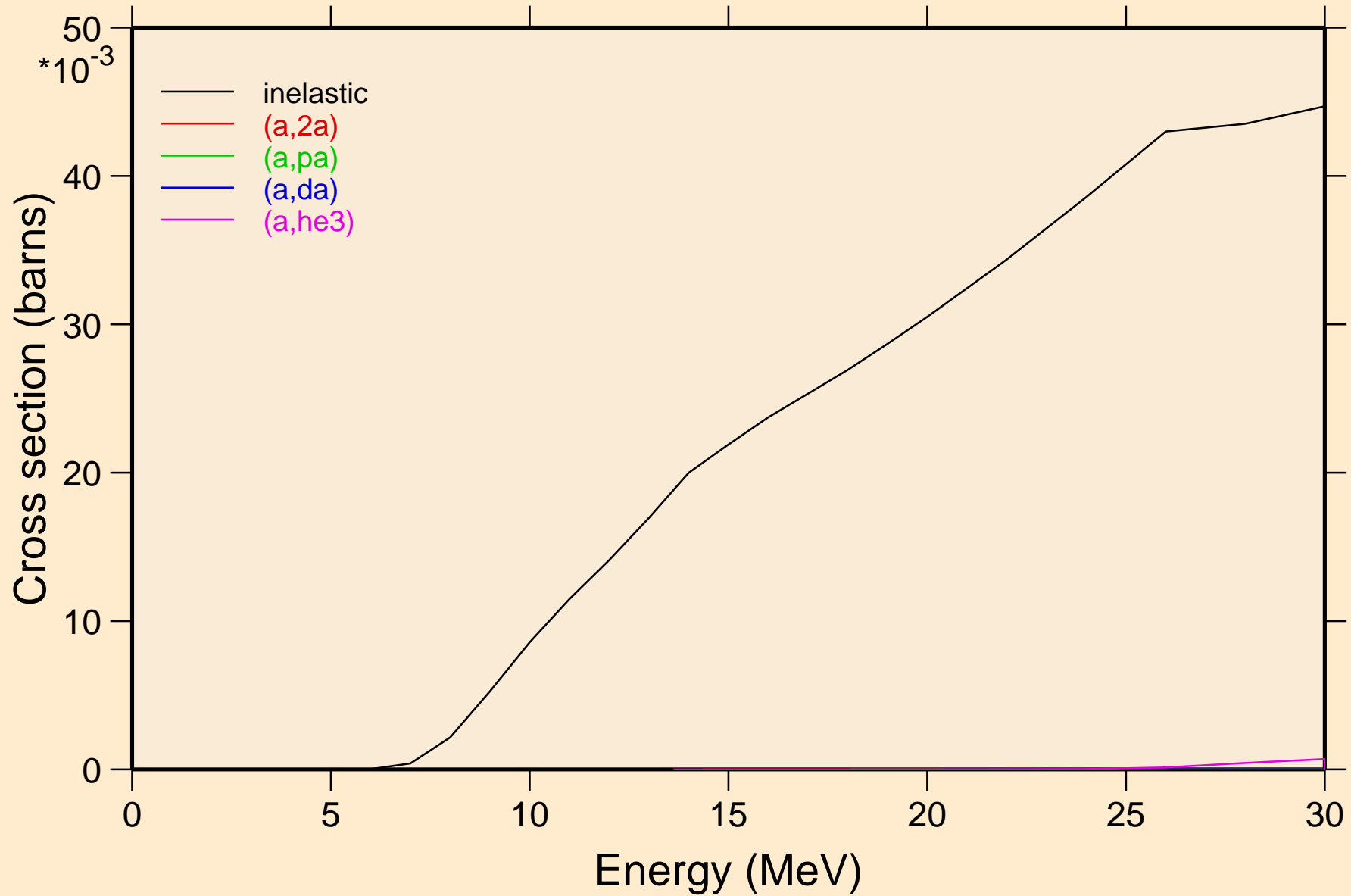


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Threshold reactions

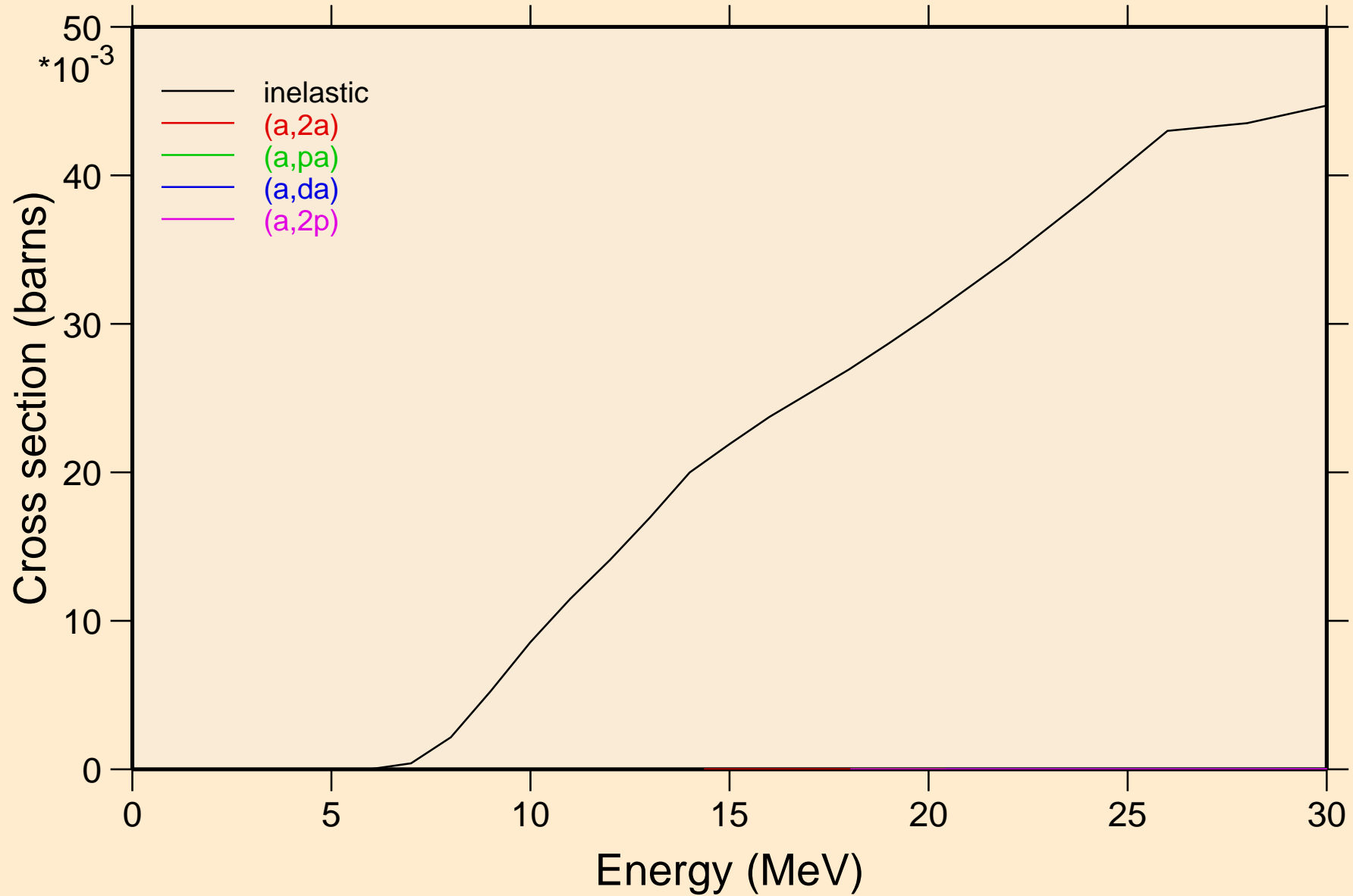




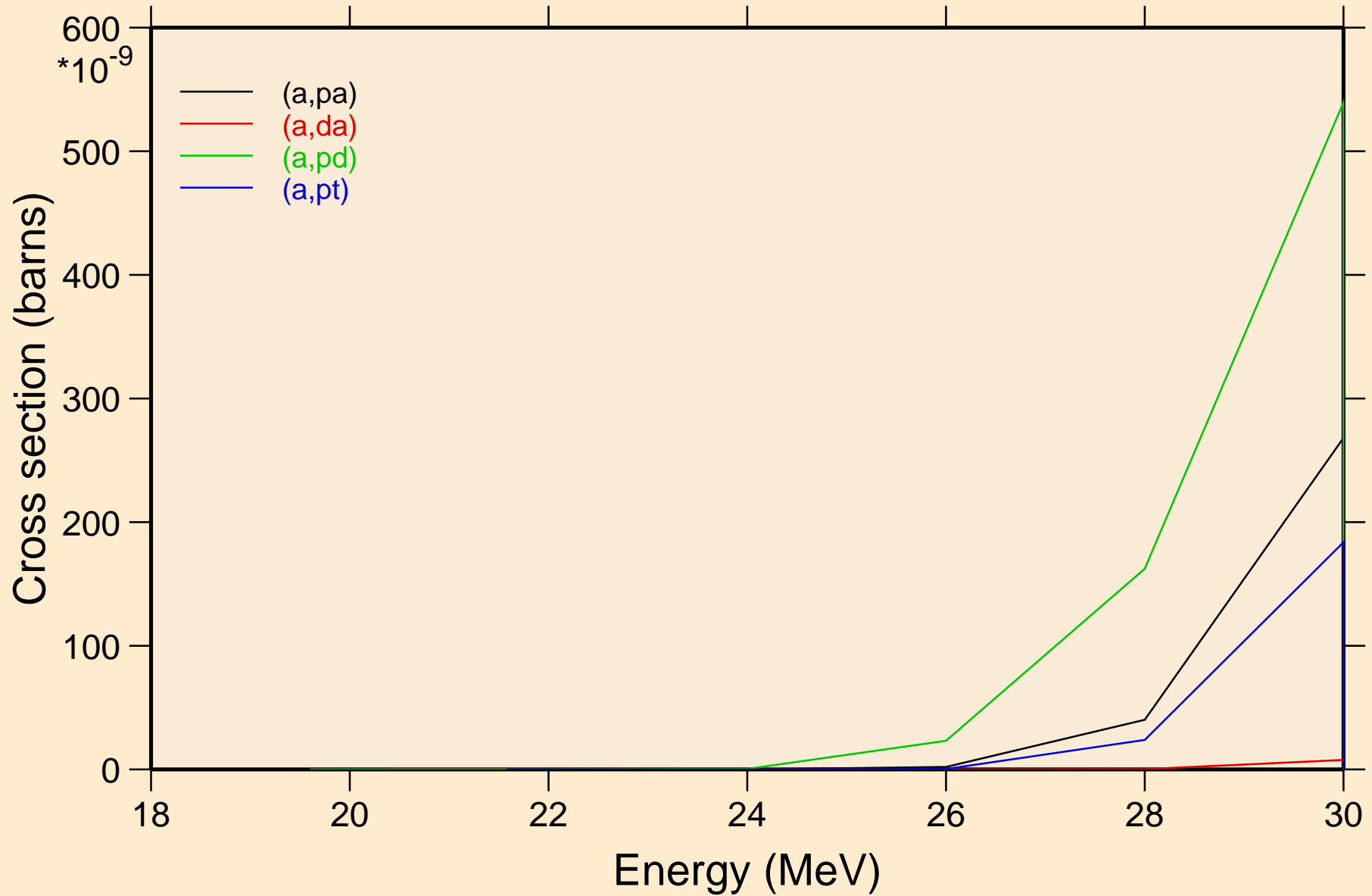
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Threshold reactions



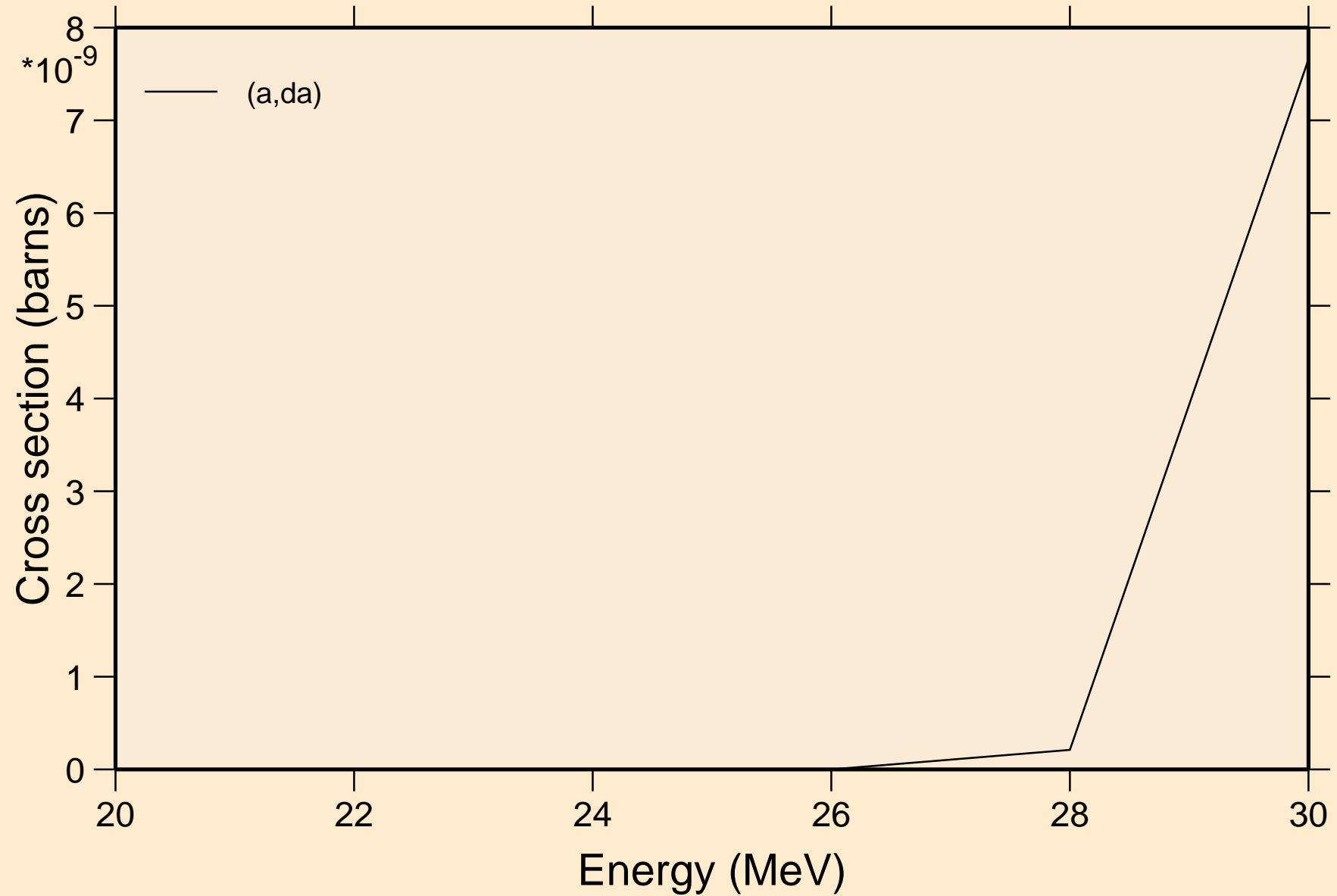
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Threshold reactions



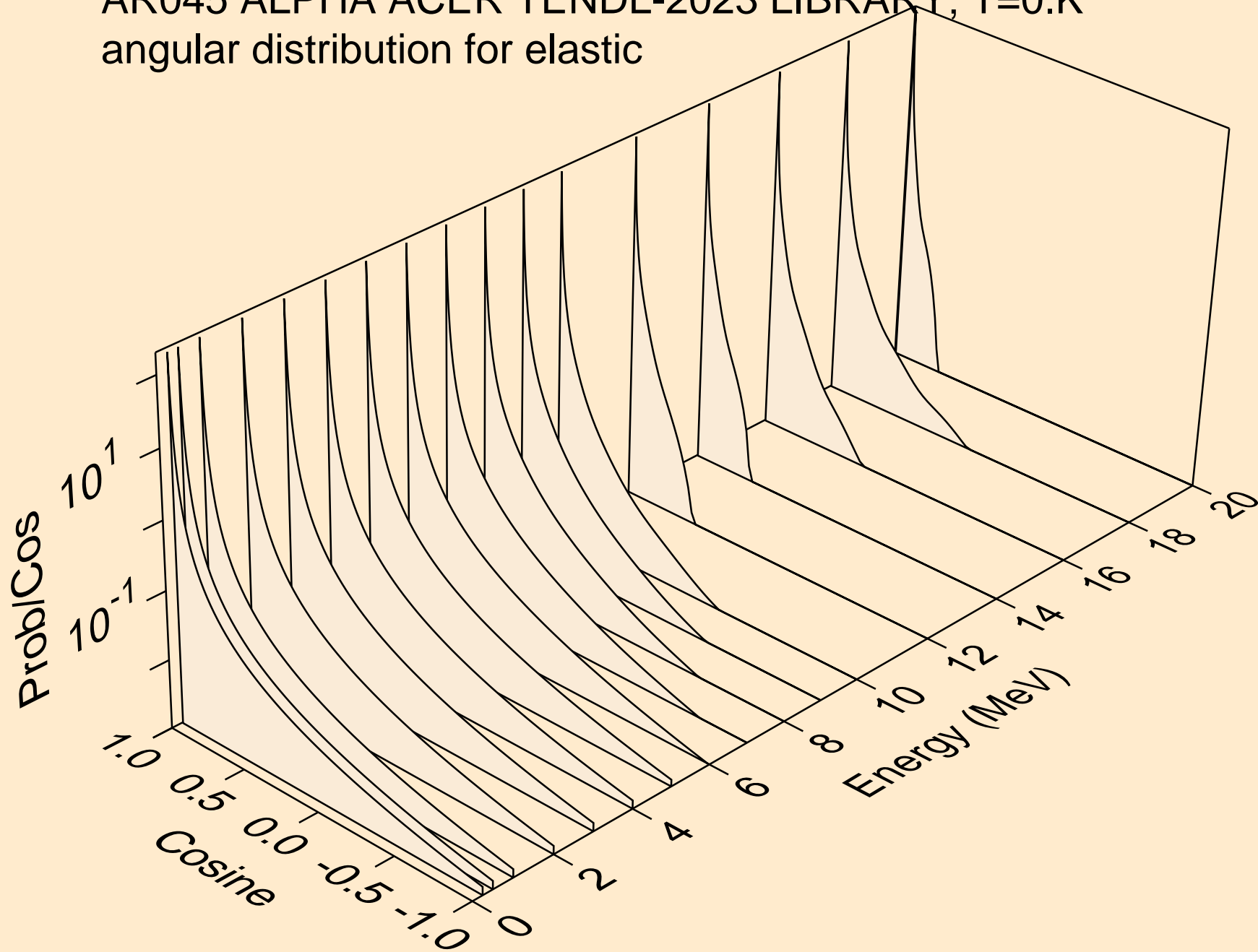
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Threshold reactions



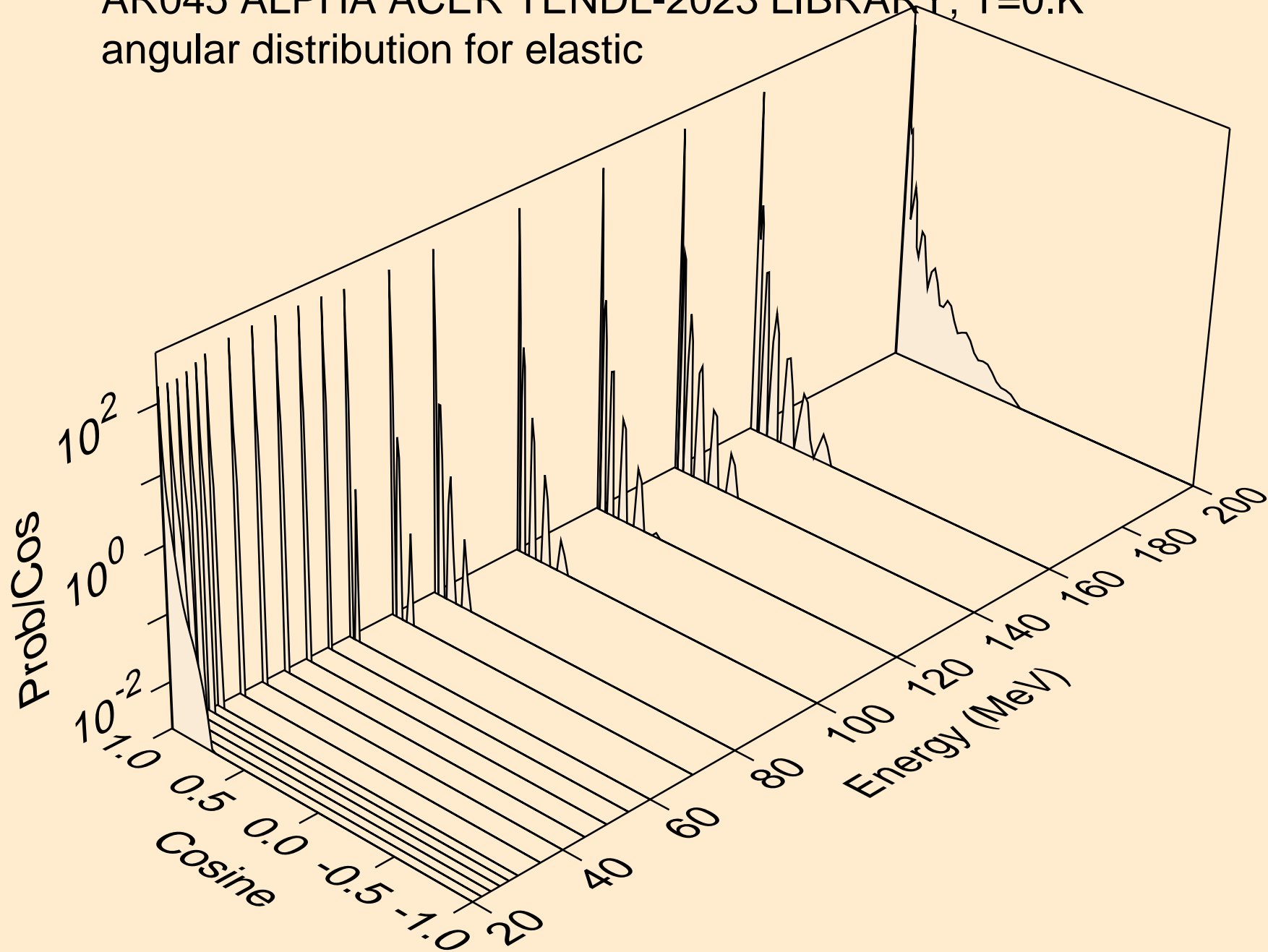
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



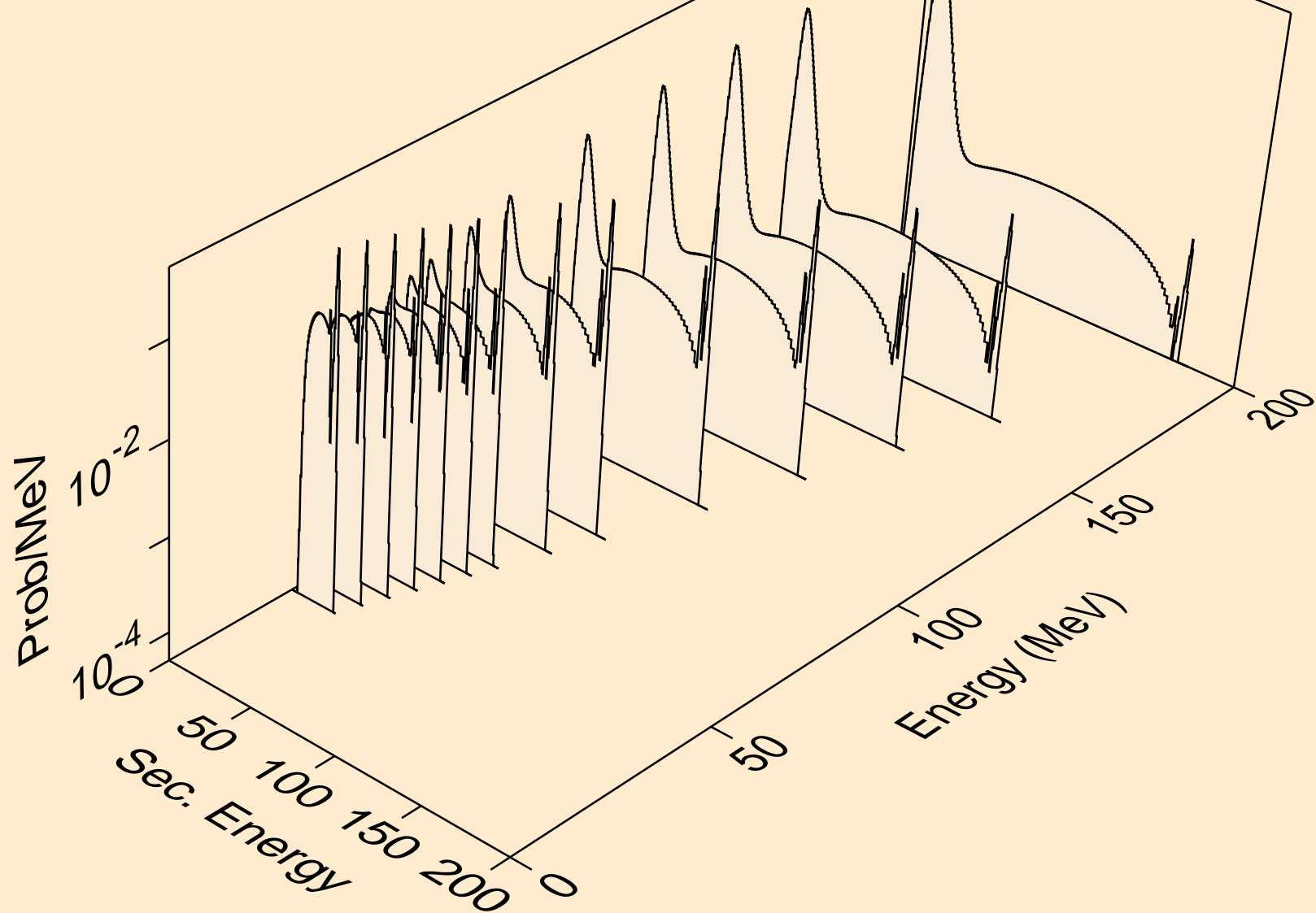
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



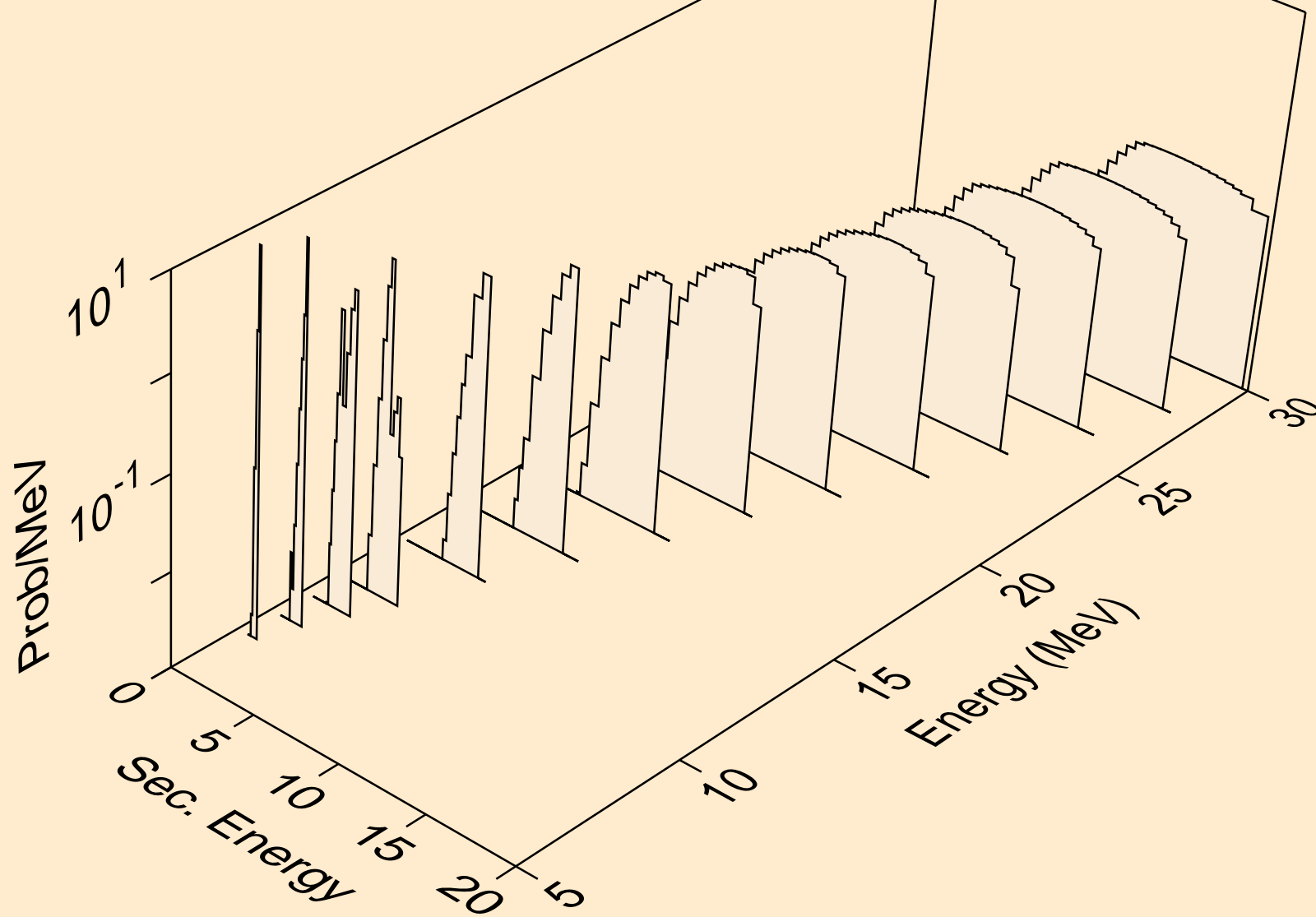
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)

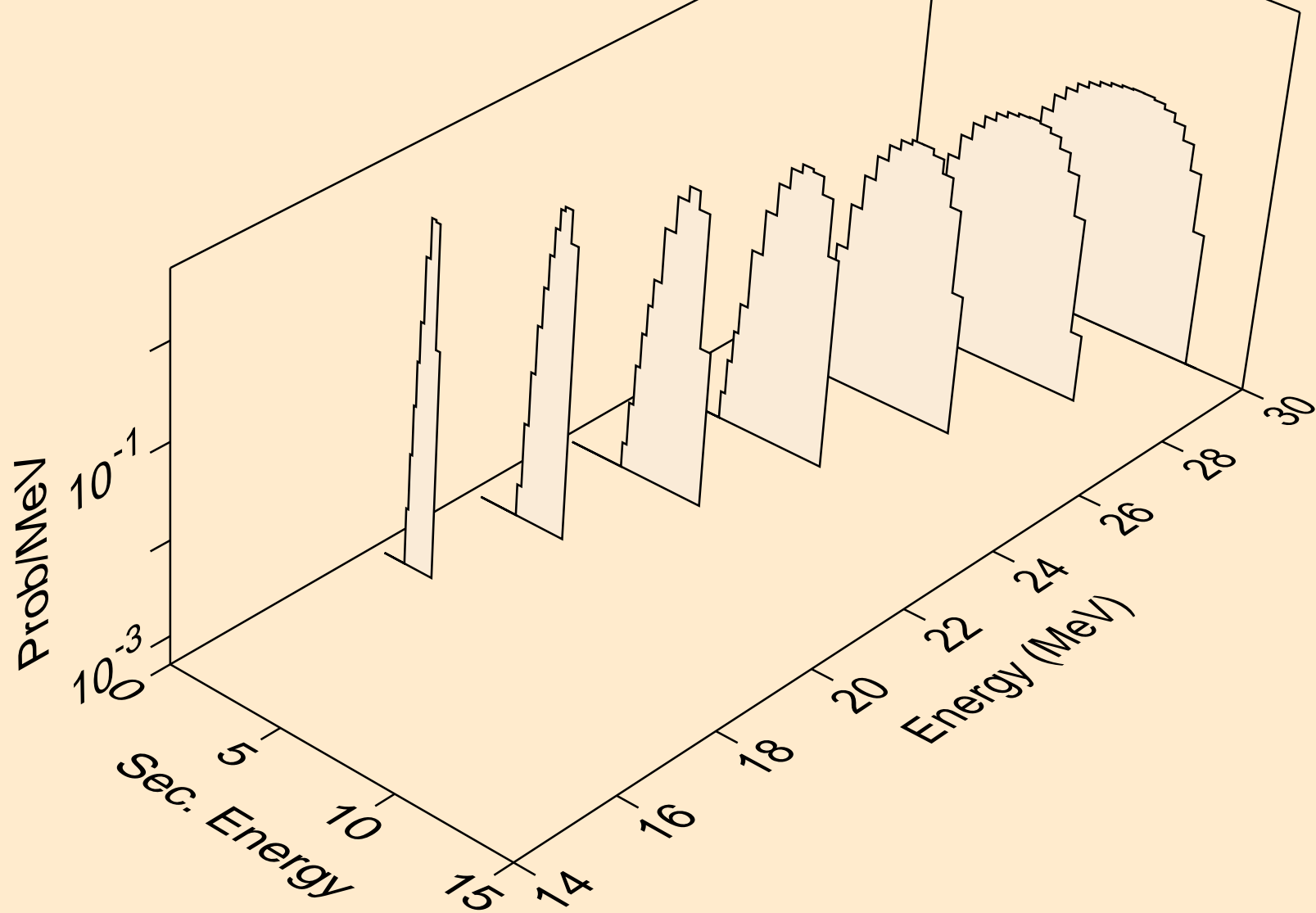


AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

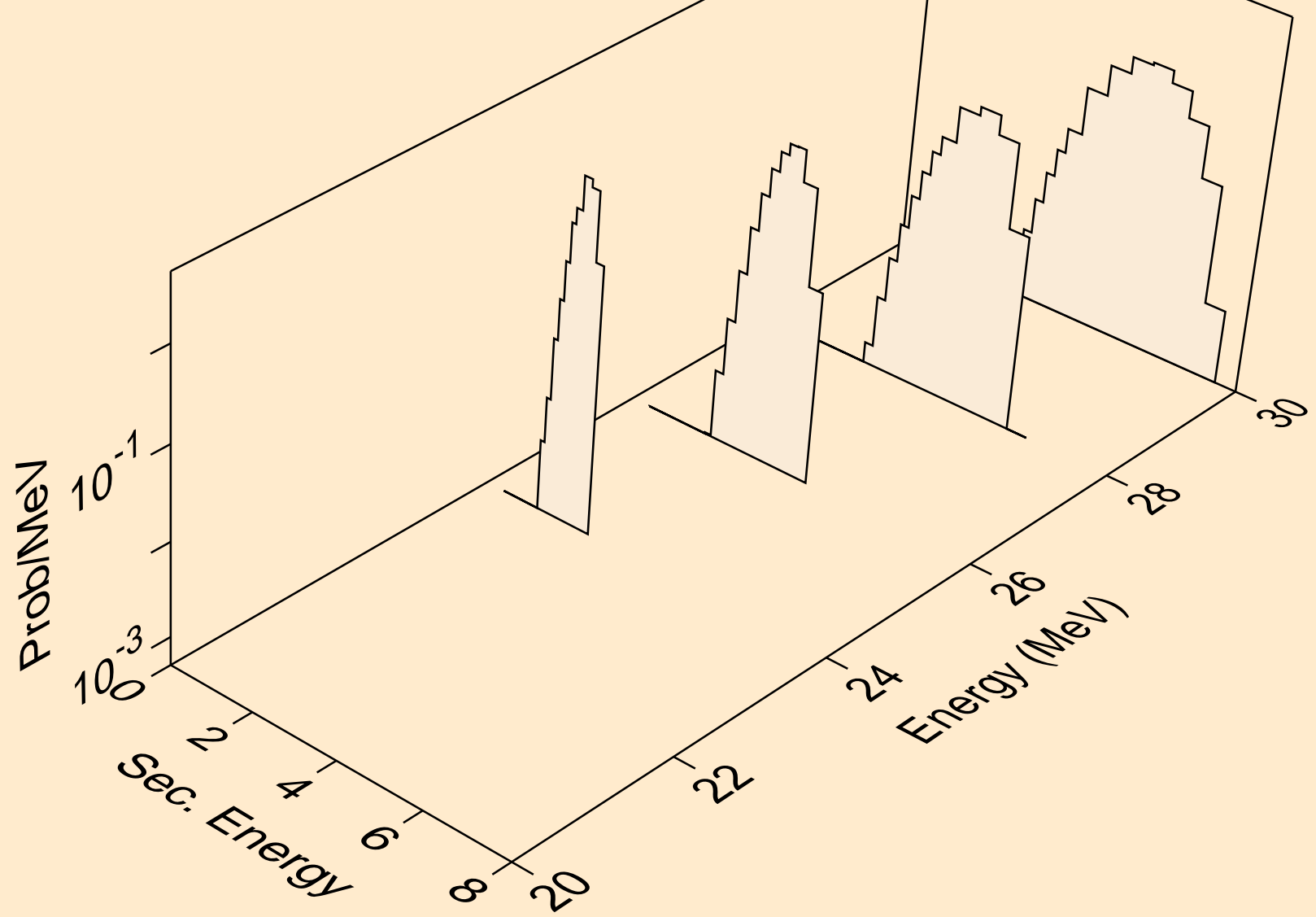




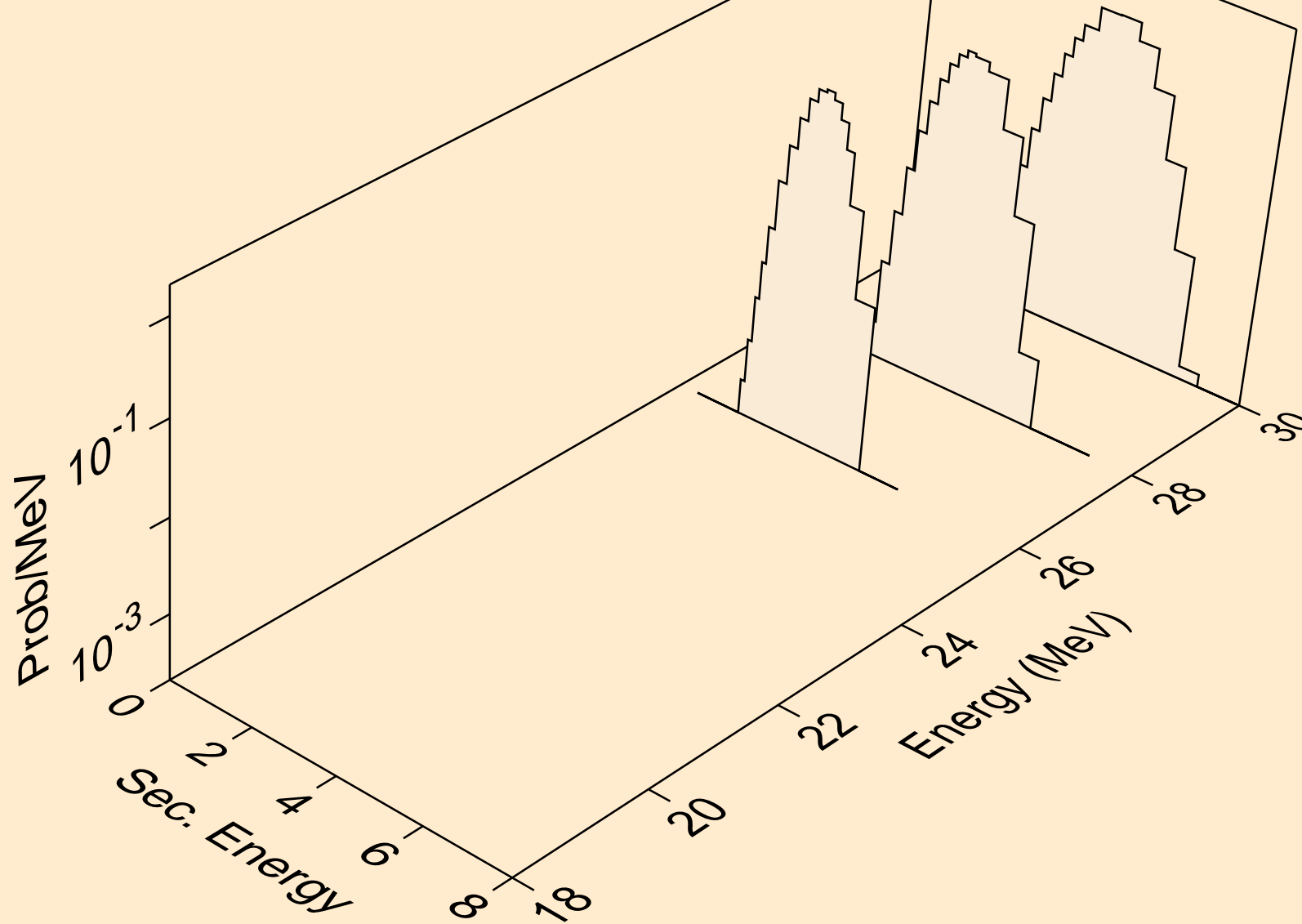
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



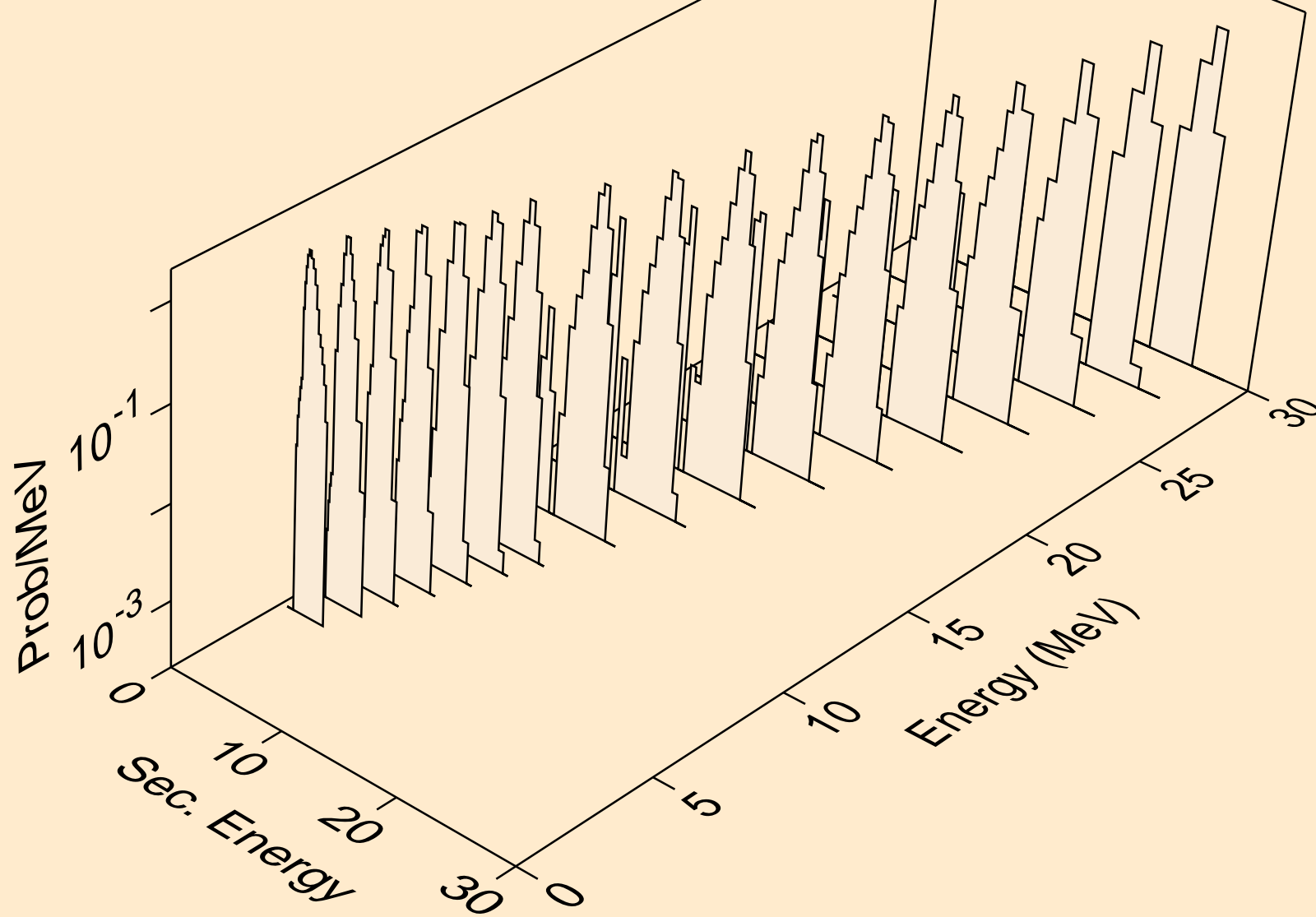
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



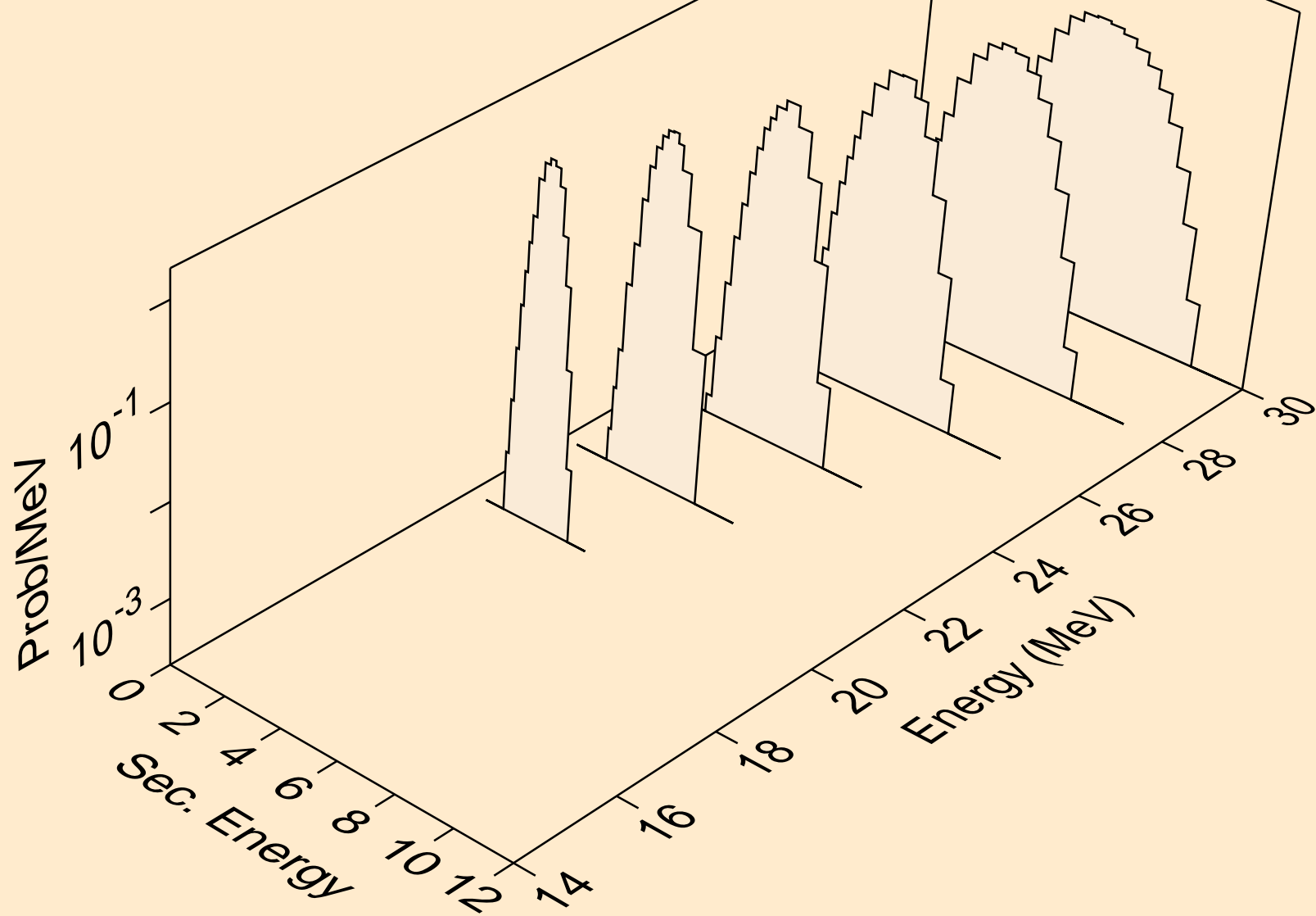
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



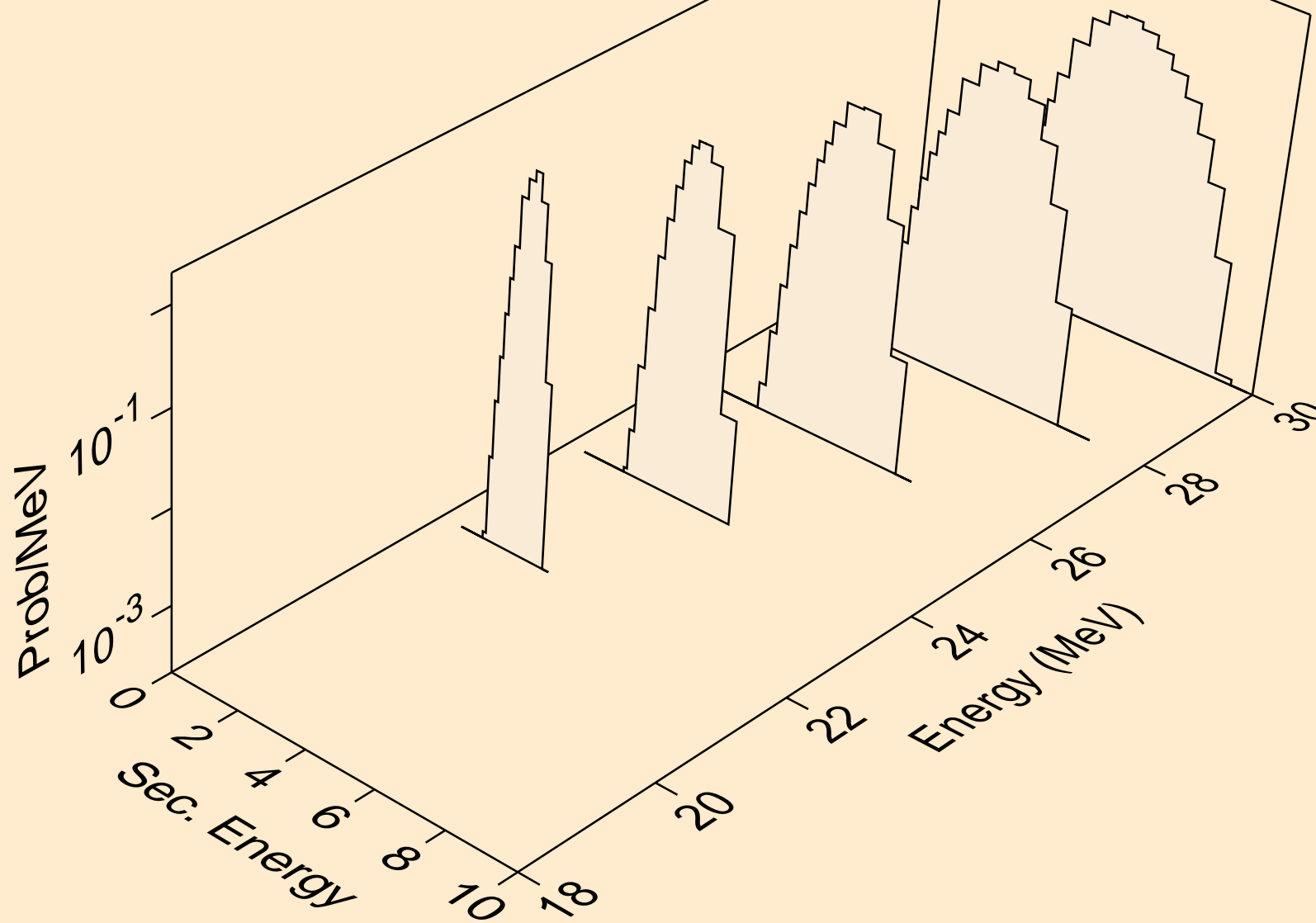
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



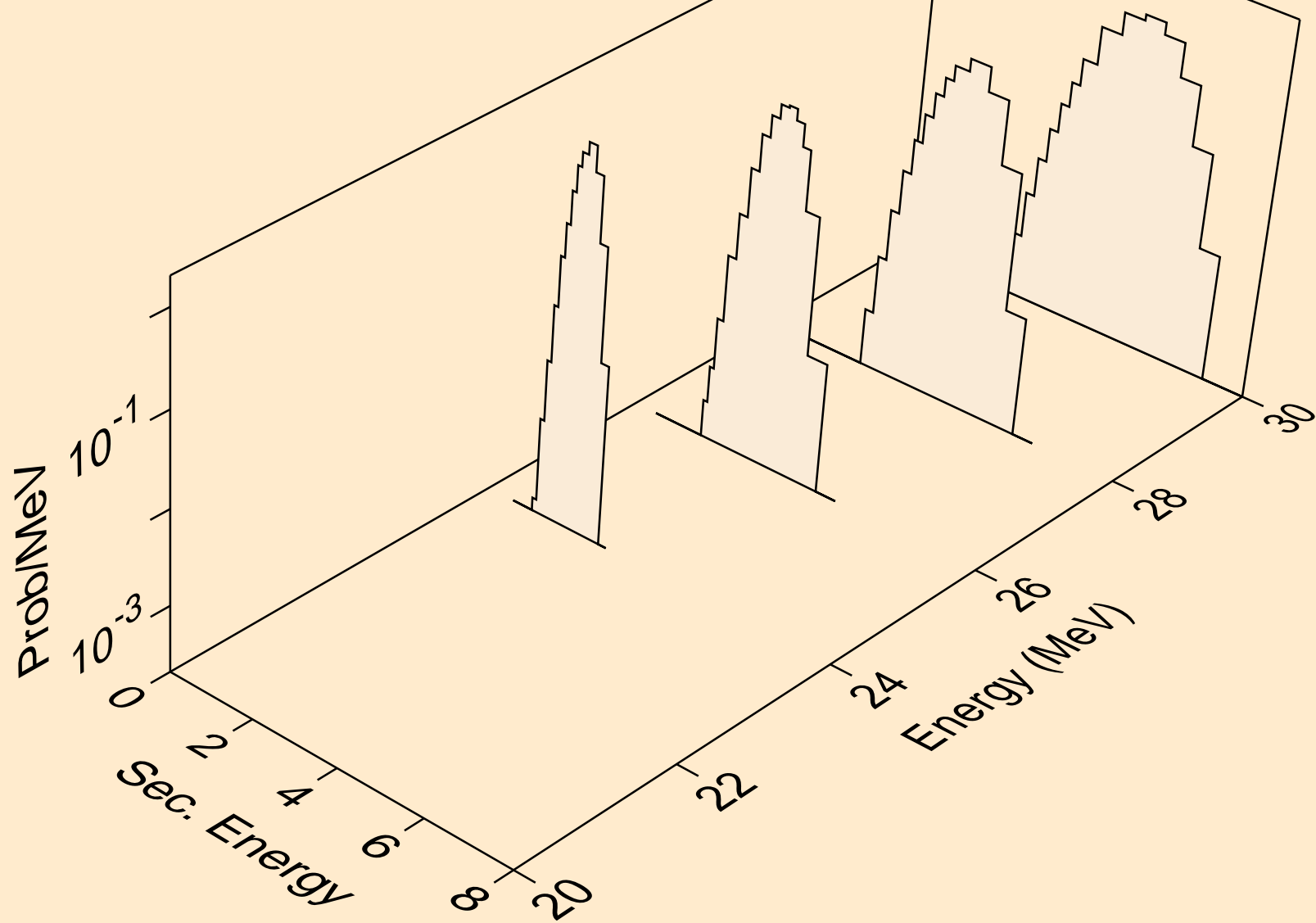
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



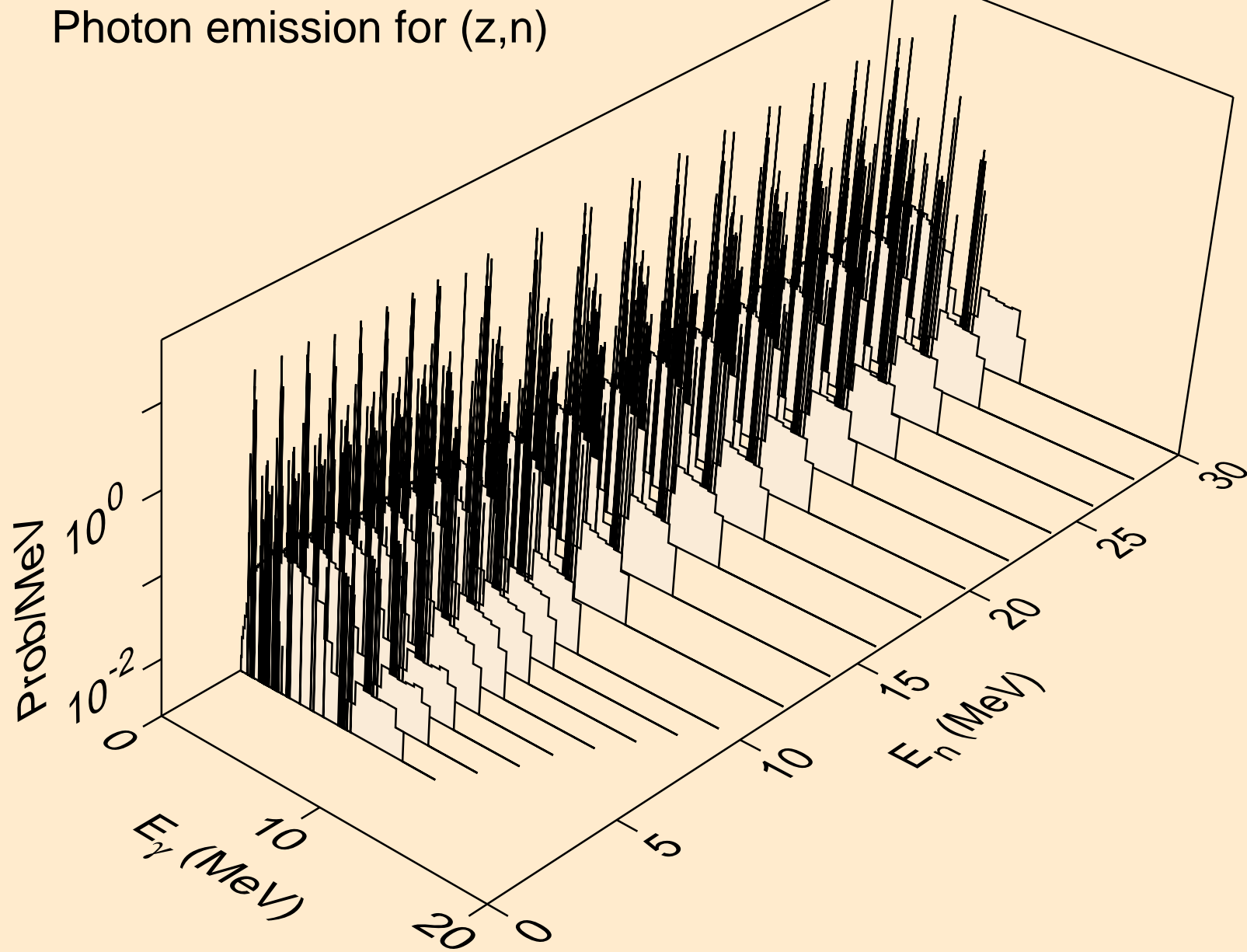
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)

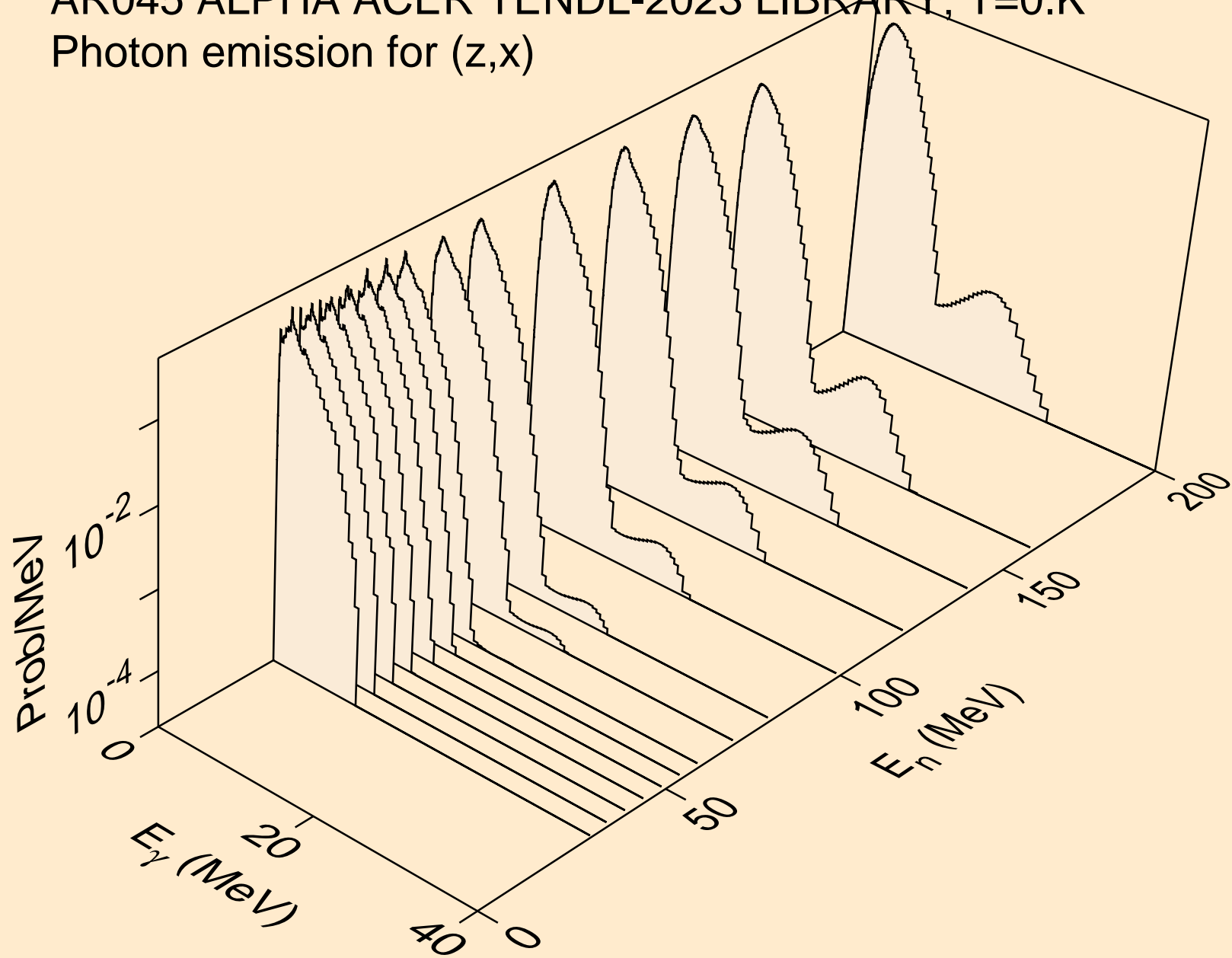


AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

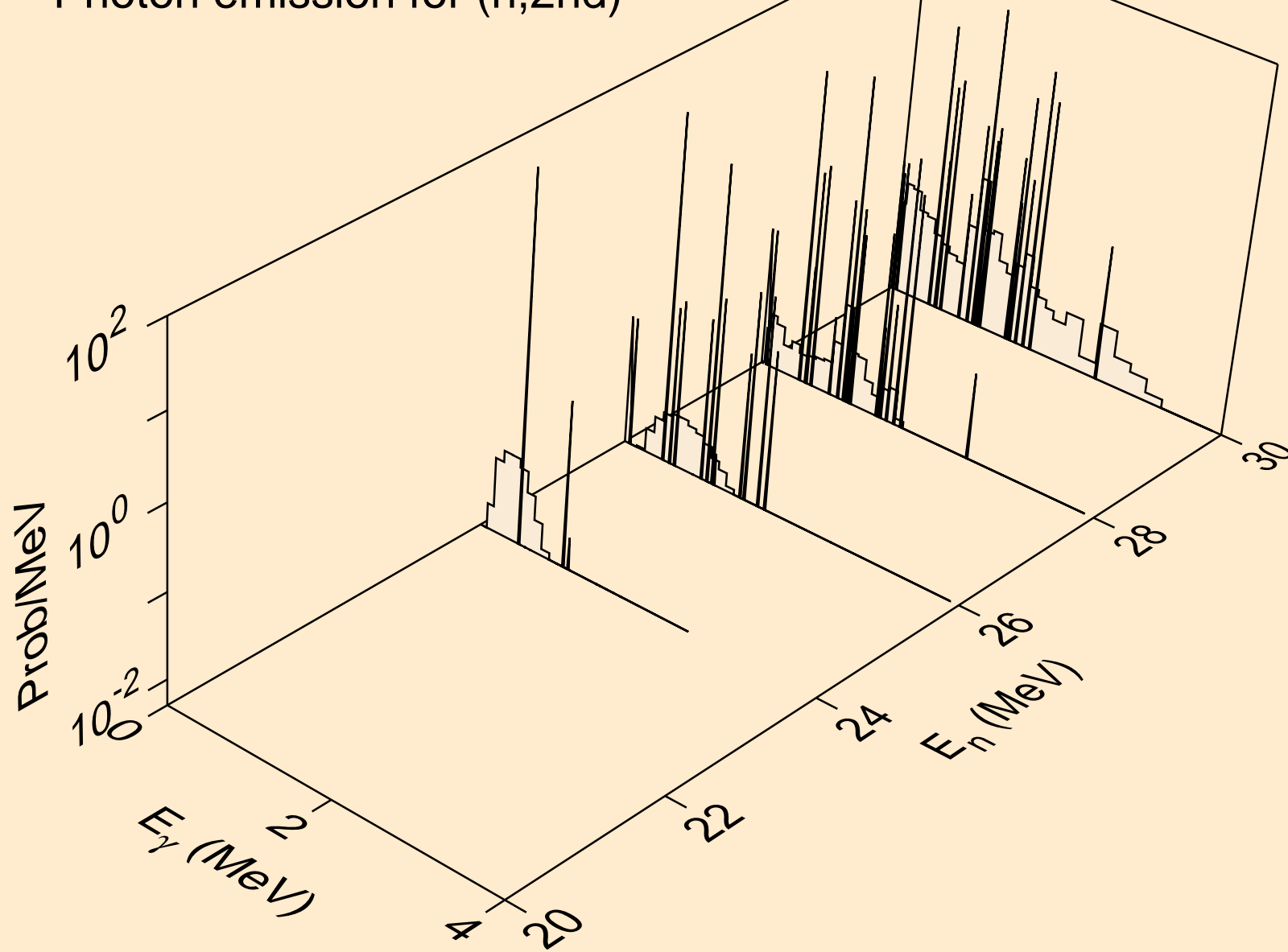




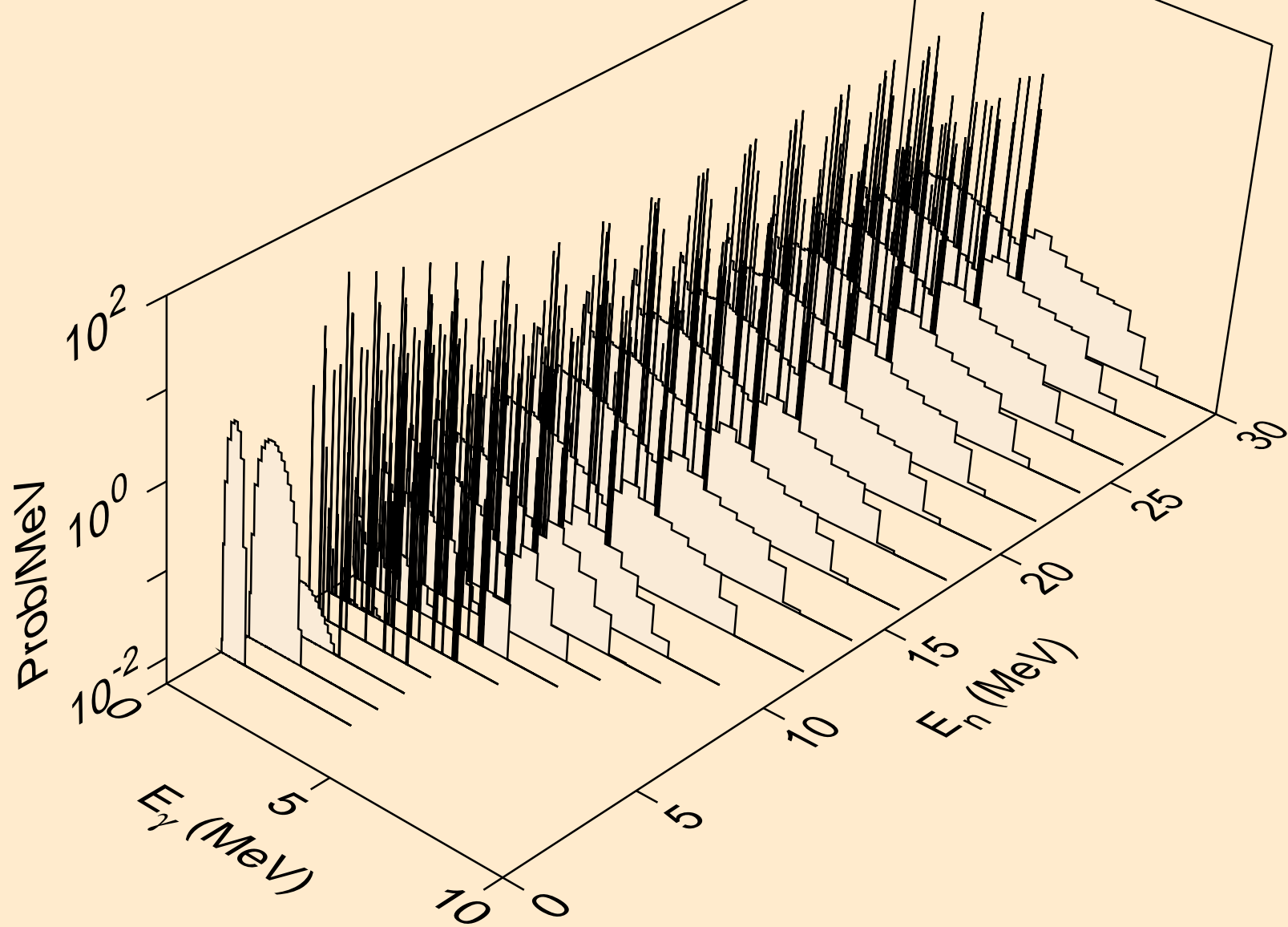
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Photon emission for (z,x)



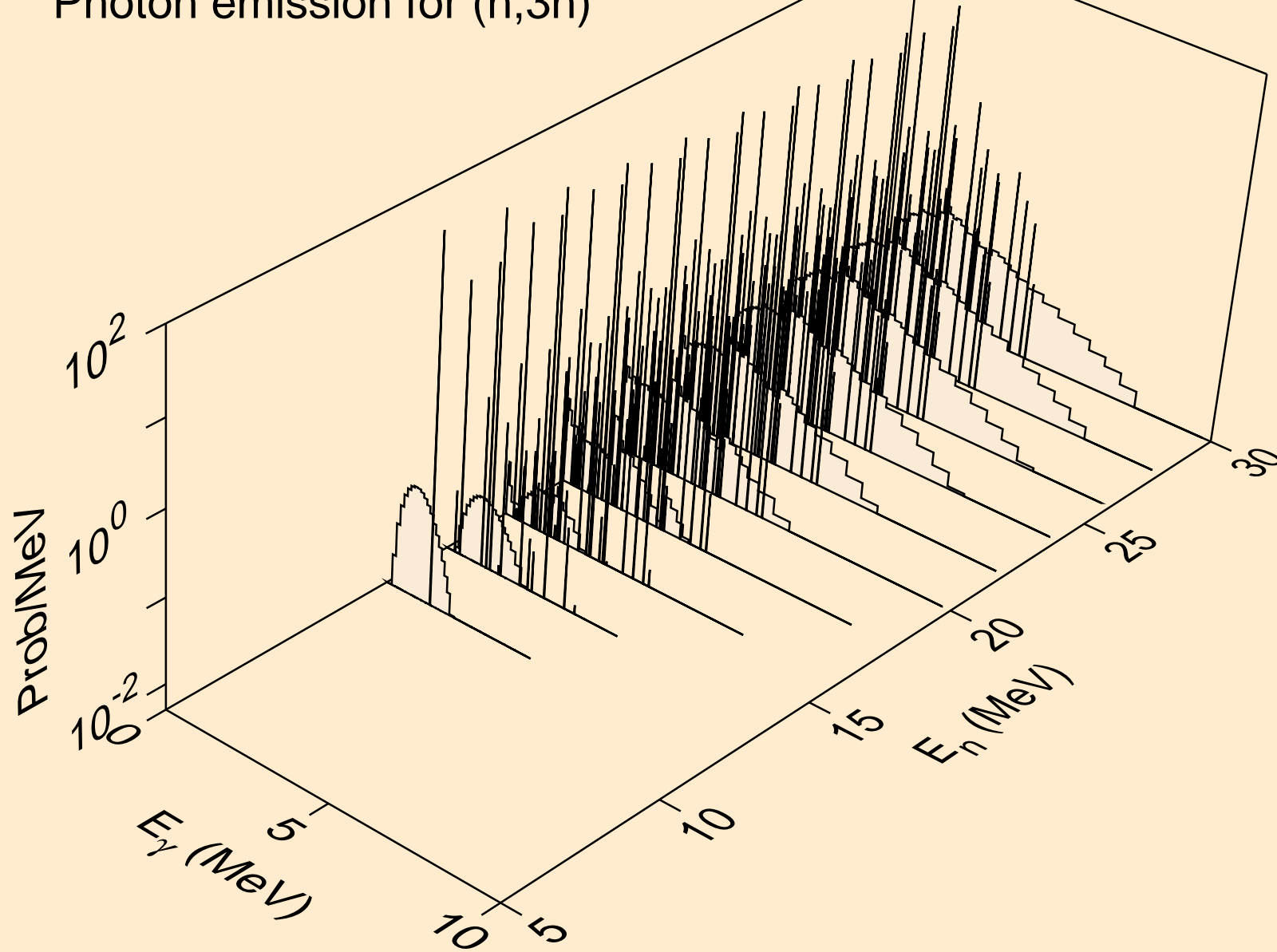
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Photon emission for (n,2nd)



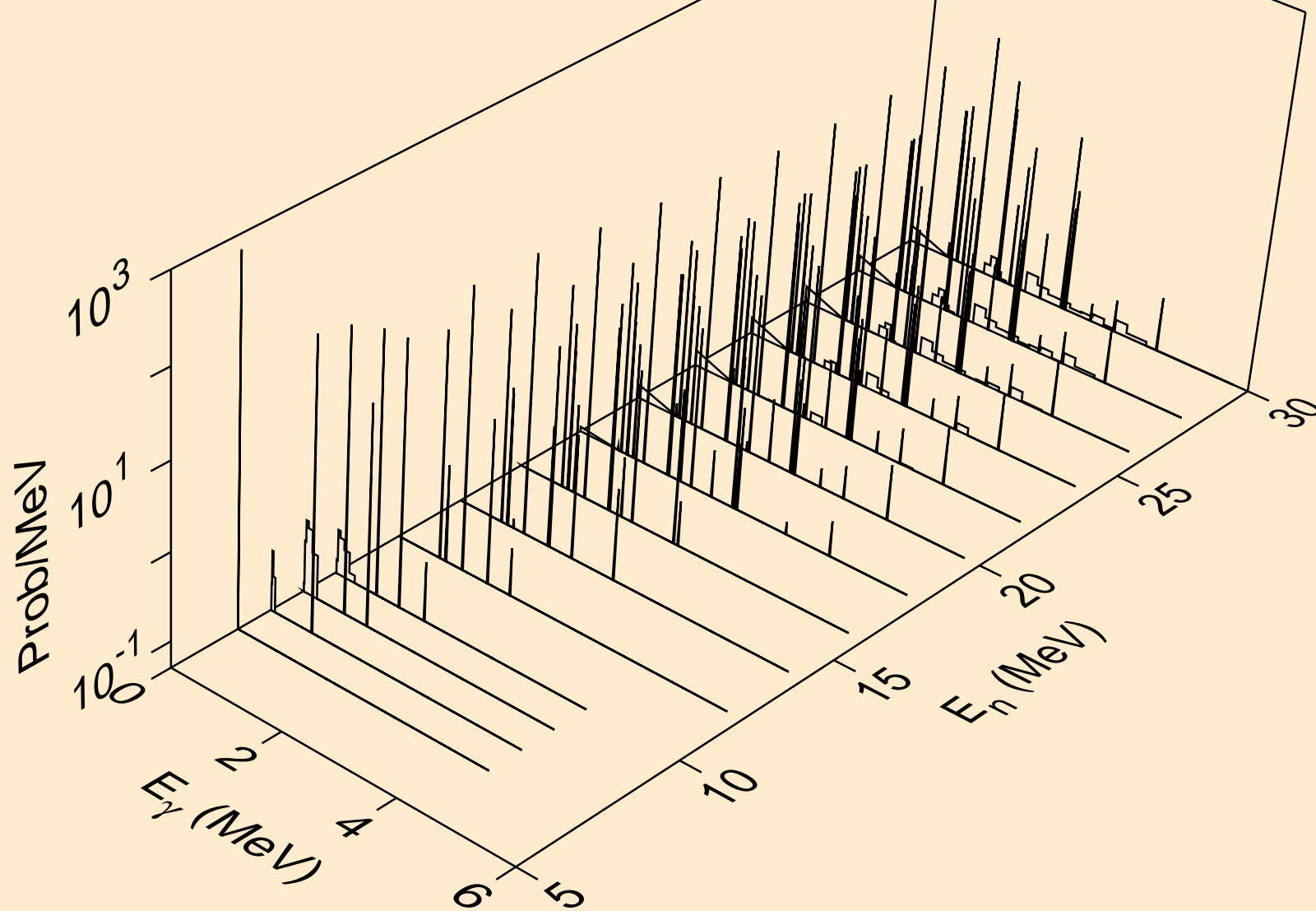
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Photon emission for (n,2n)



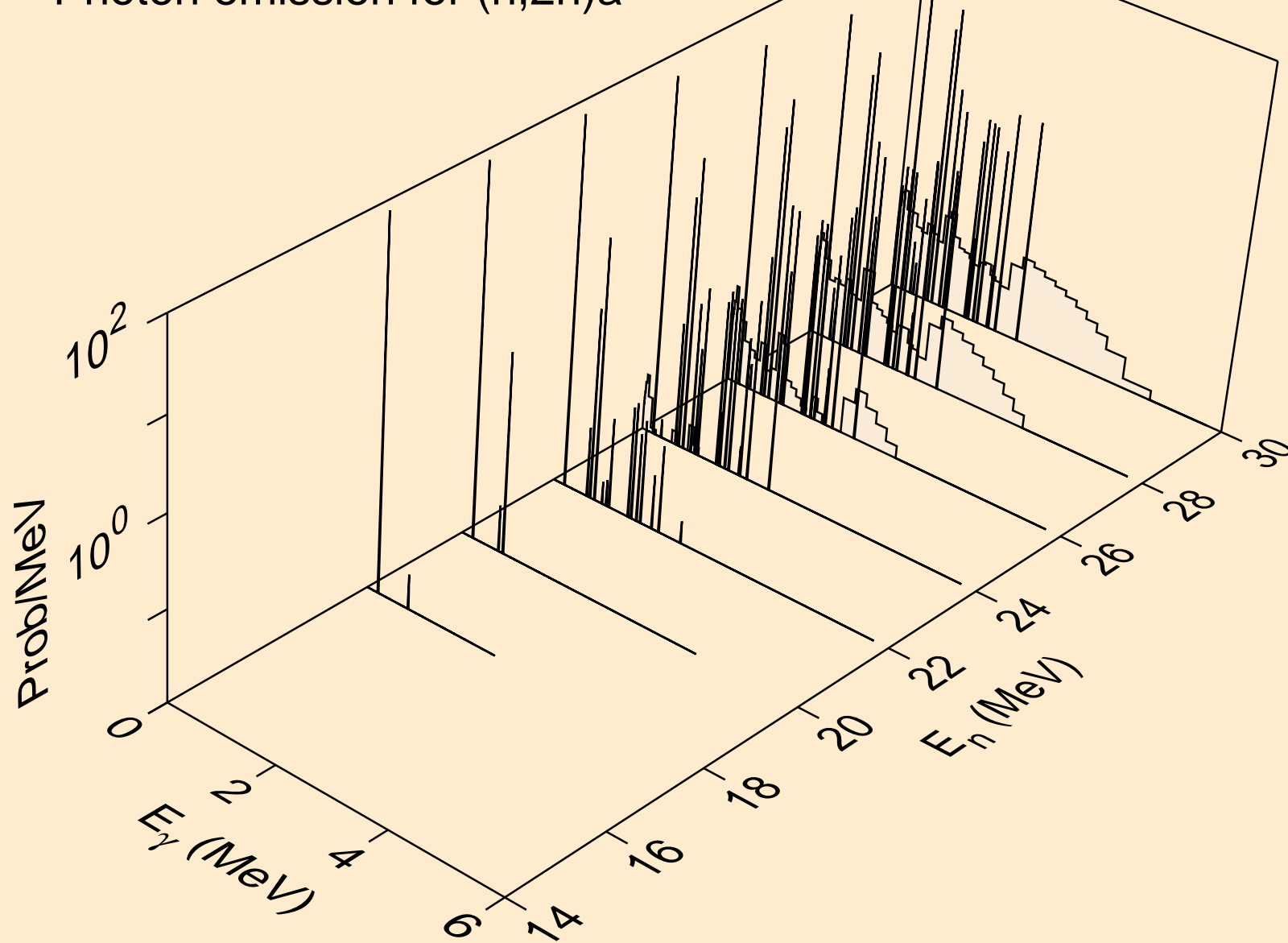
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Photon emission for (n,3n)



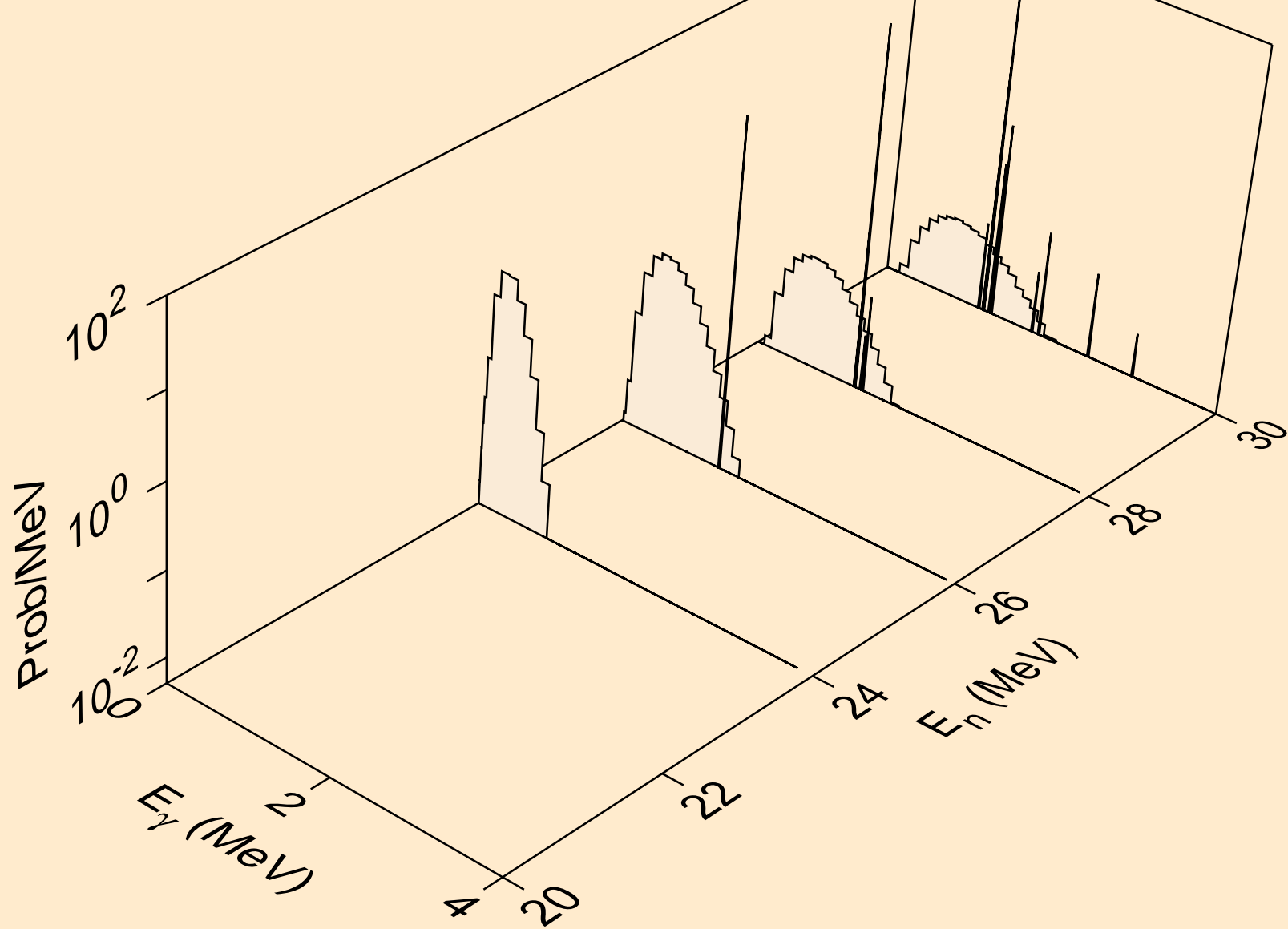
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Photon emission for (n,n\*)a



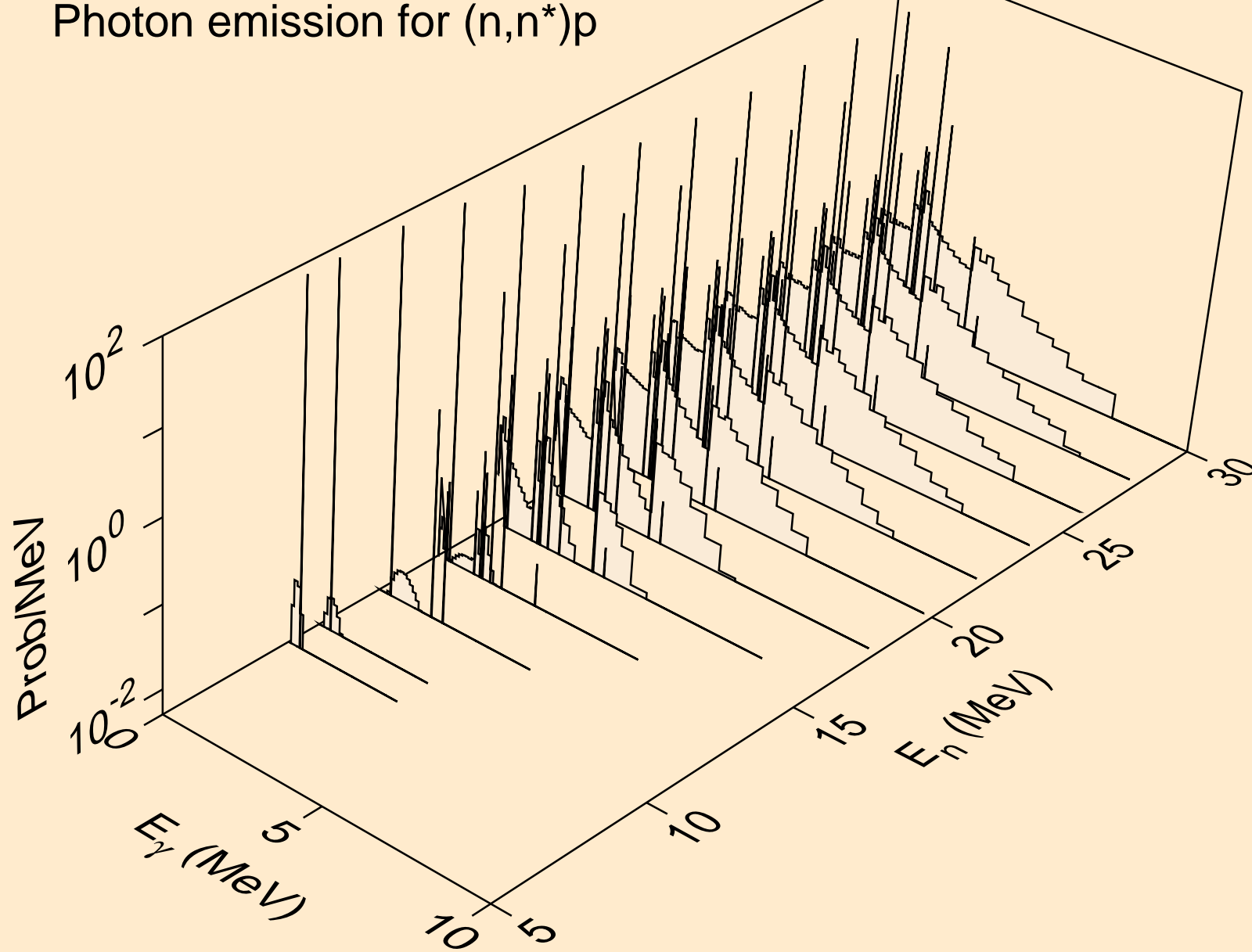
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

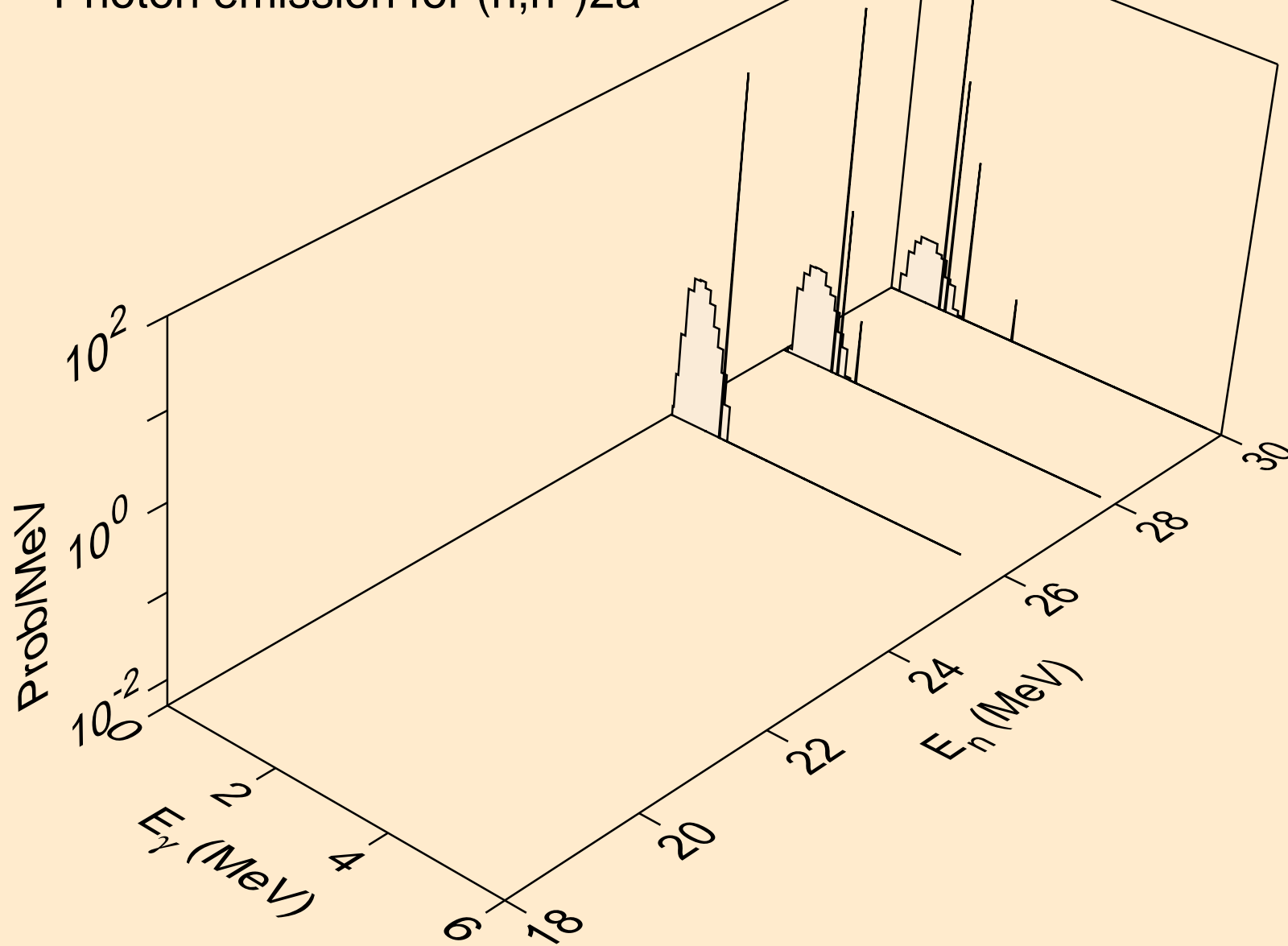


AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

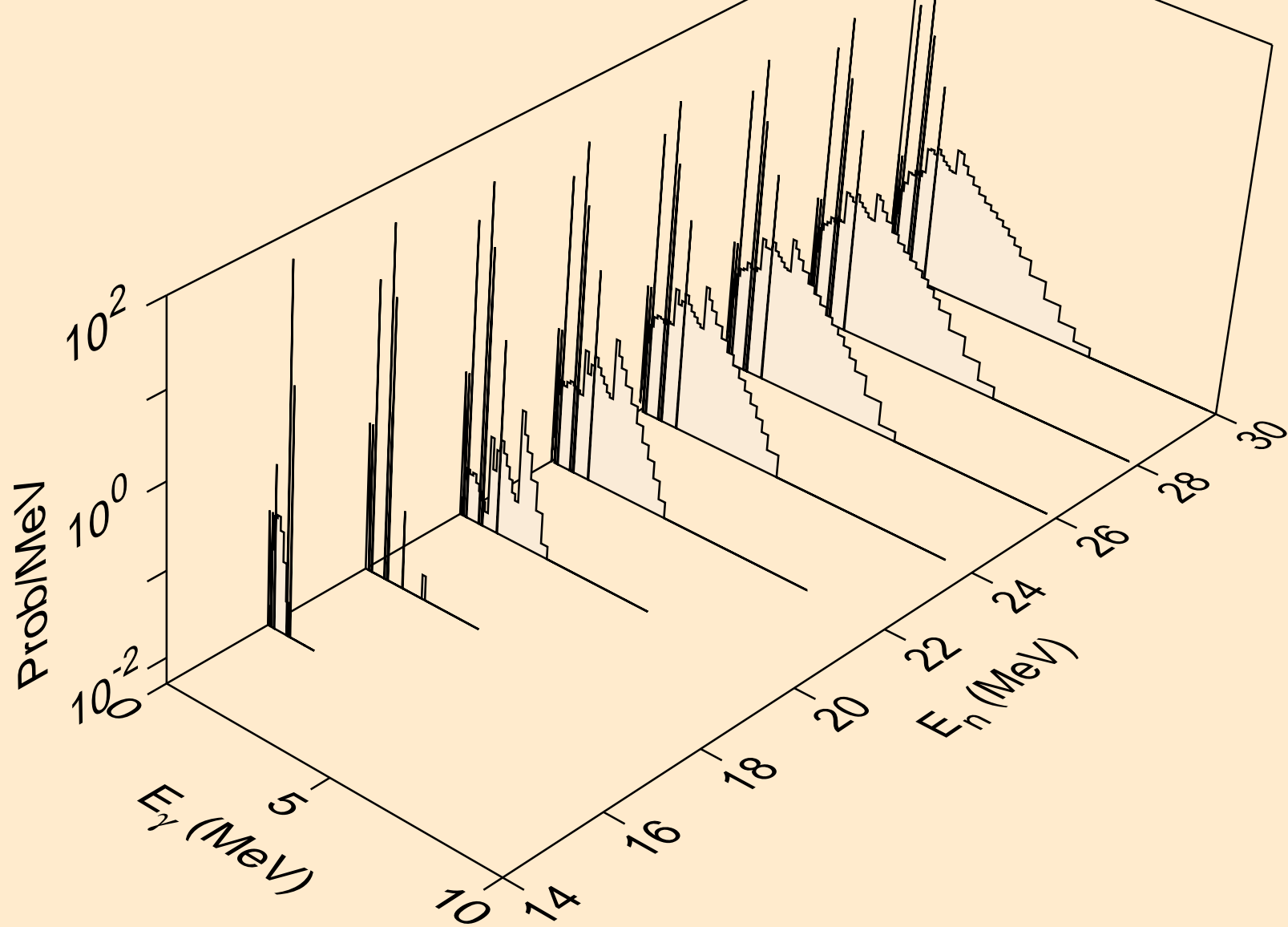




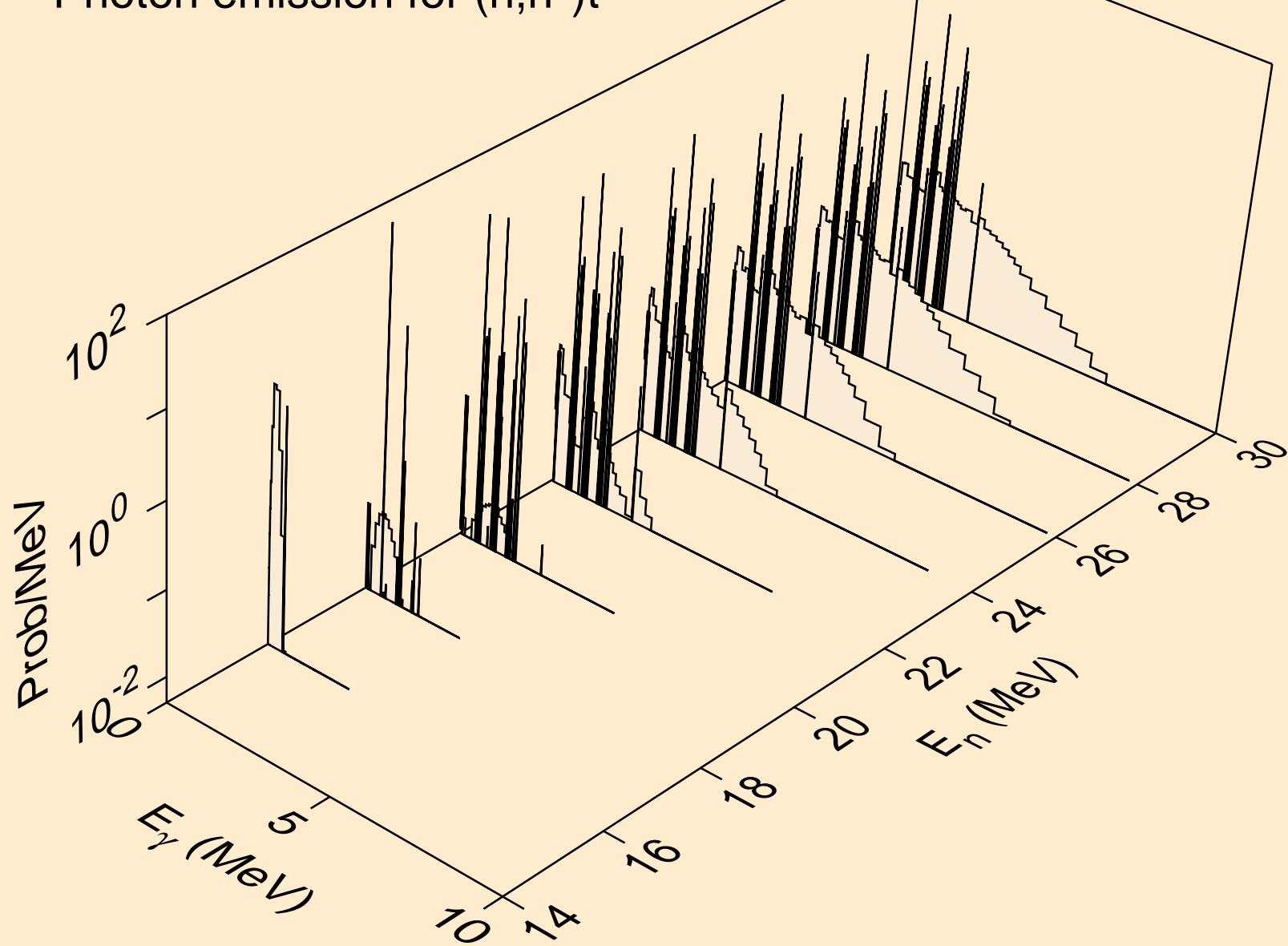
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Photon emission for (n,n\*)2a



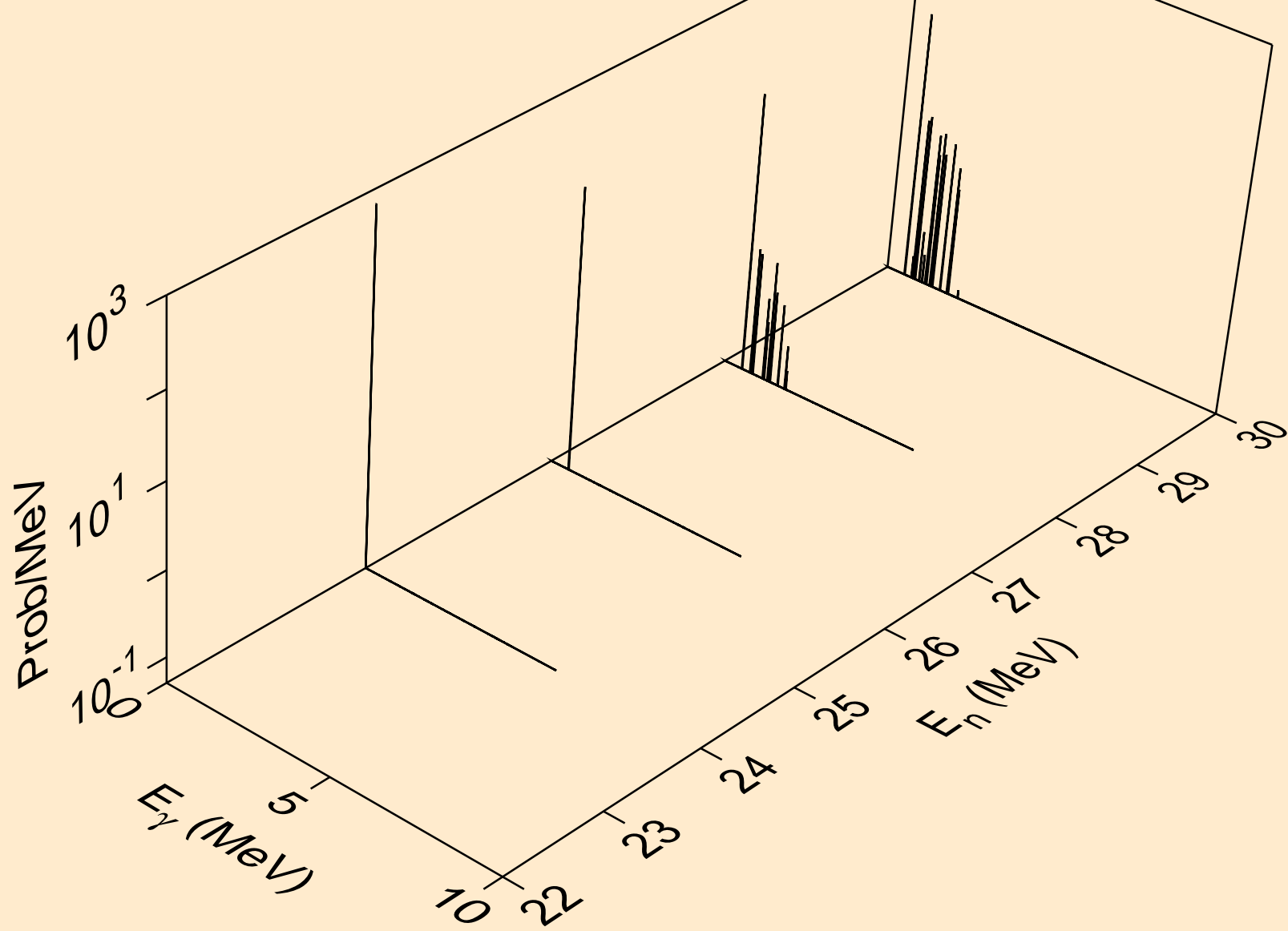
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



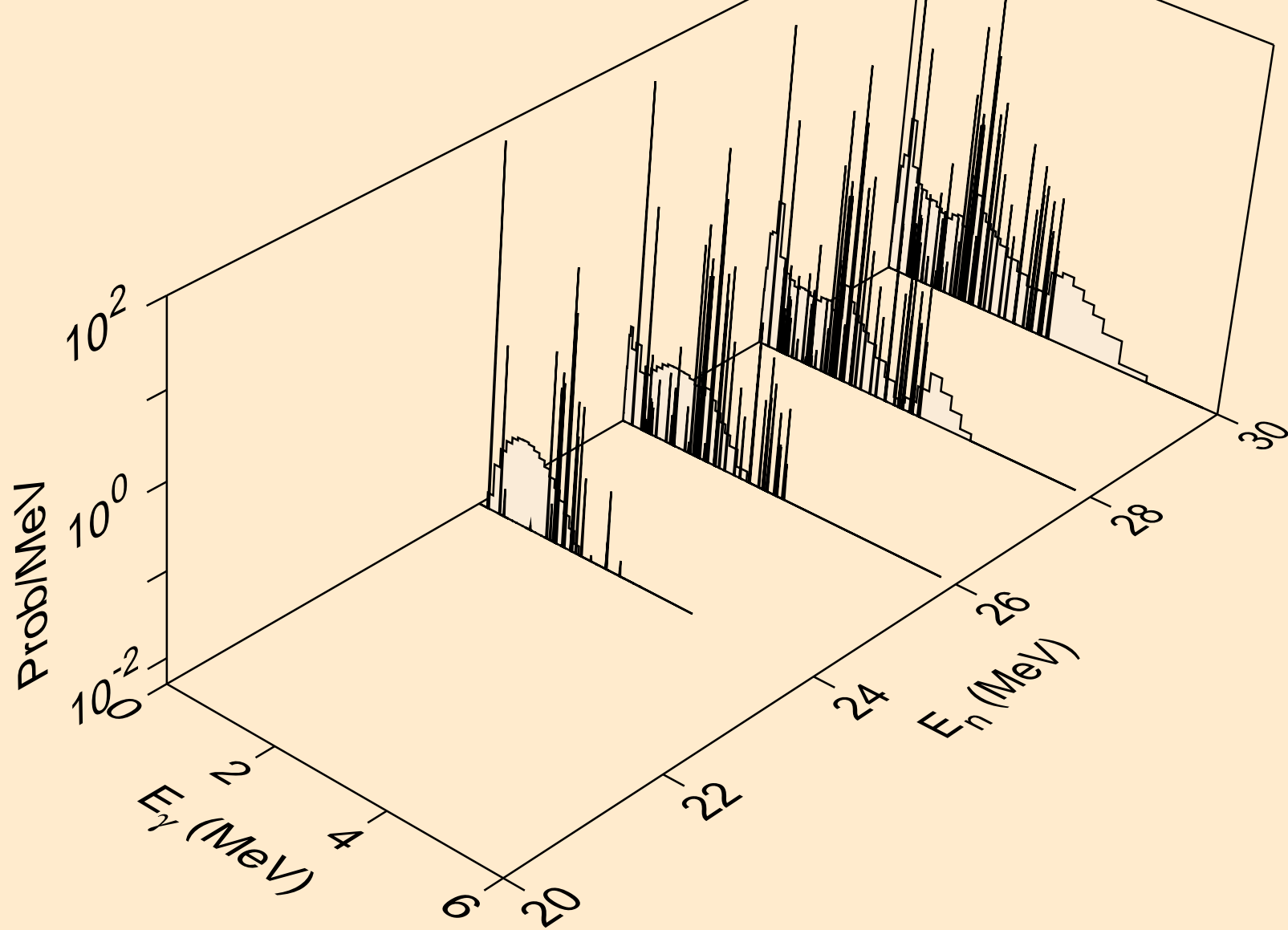
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



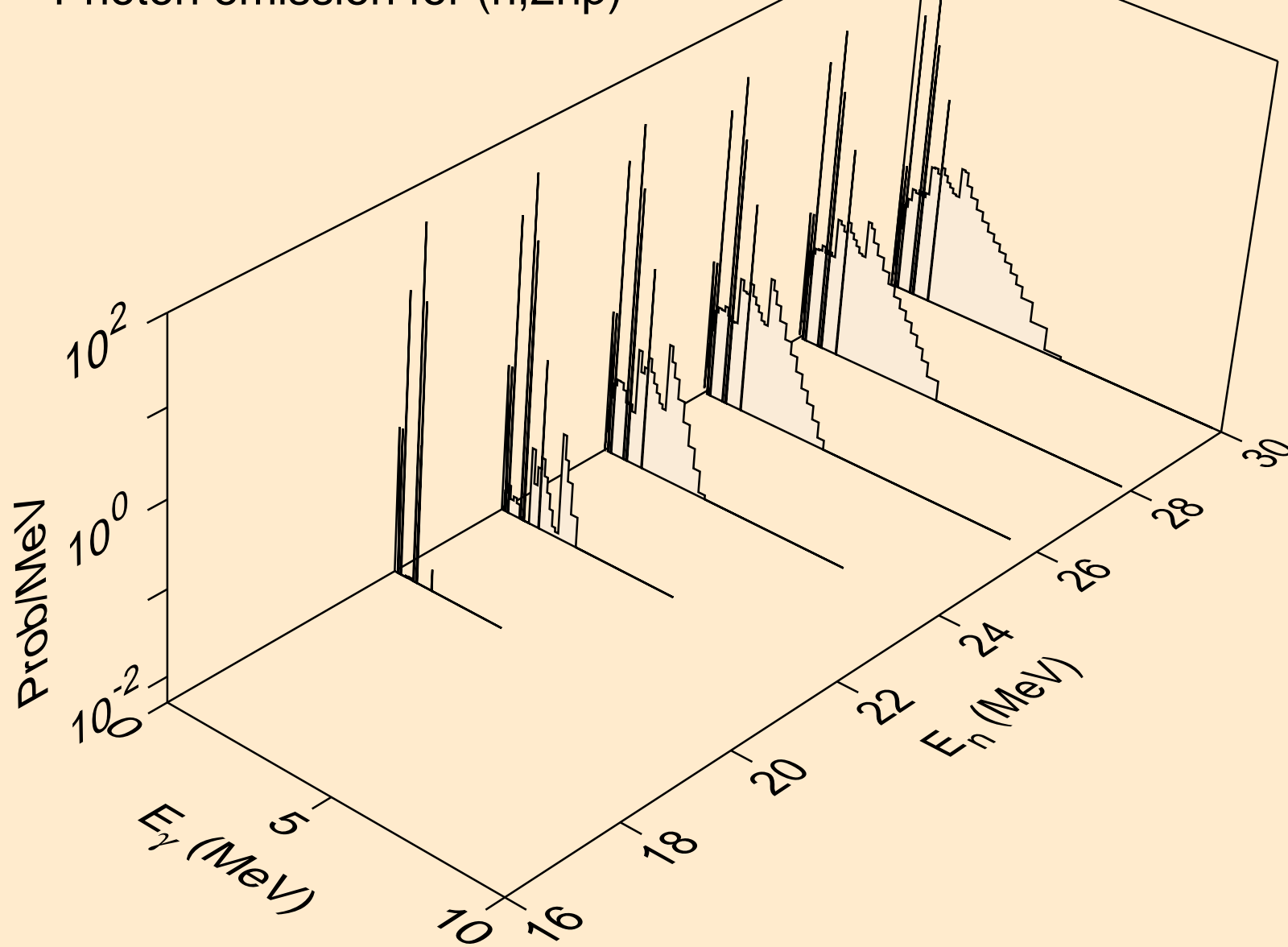
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



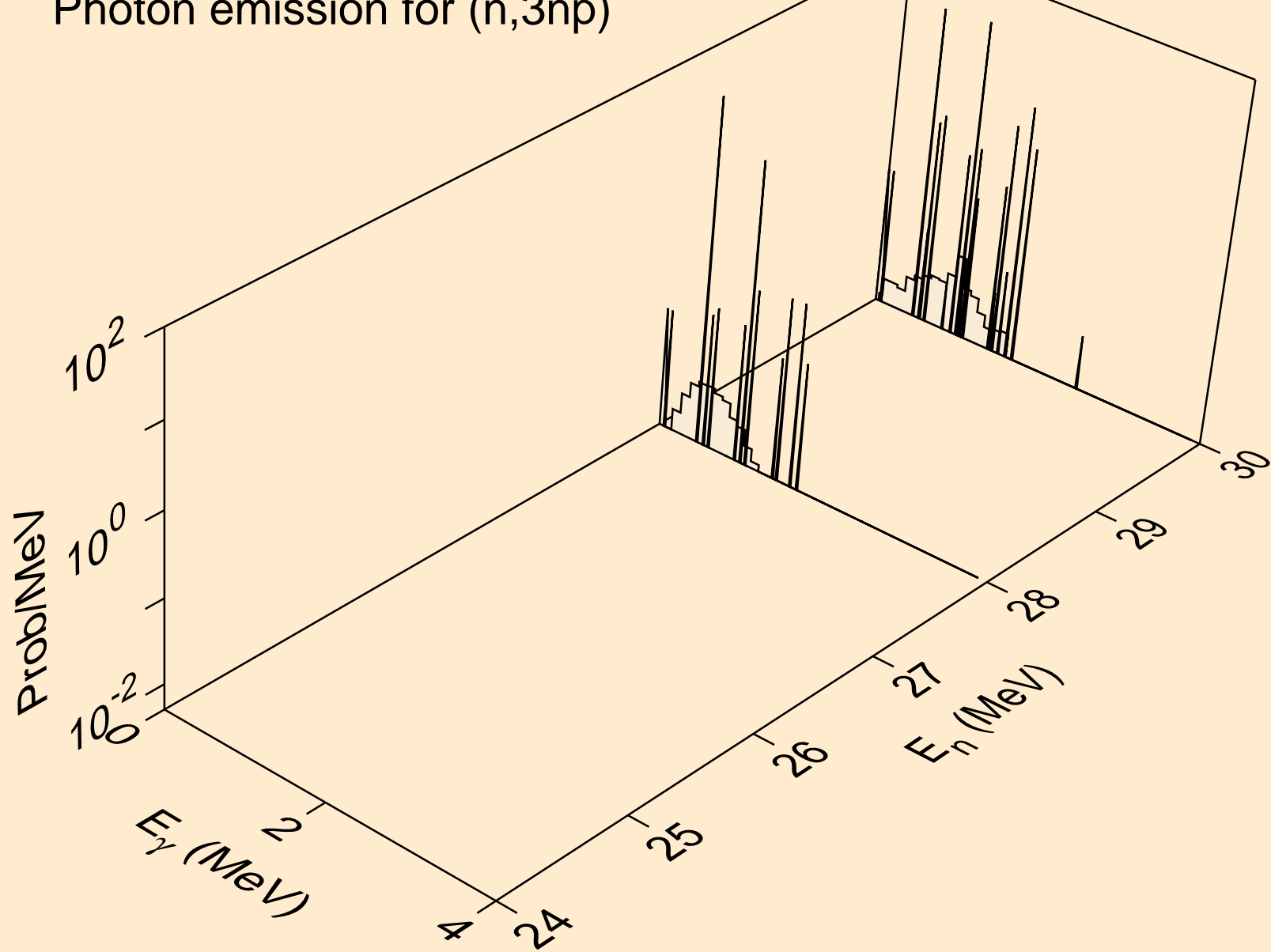
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Photon emission for (n,4n)



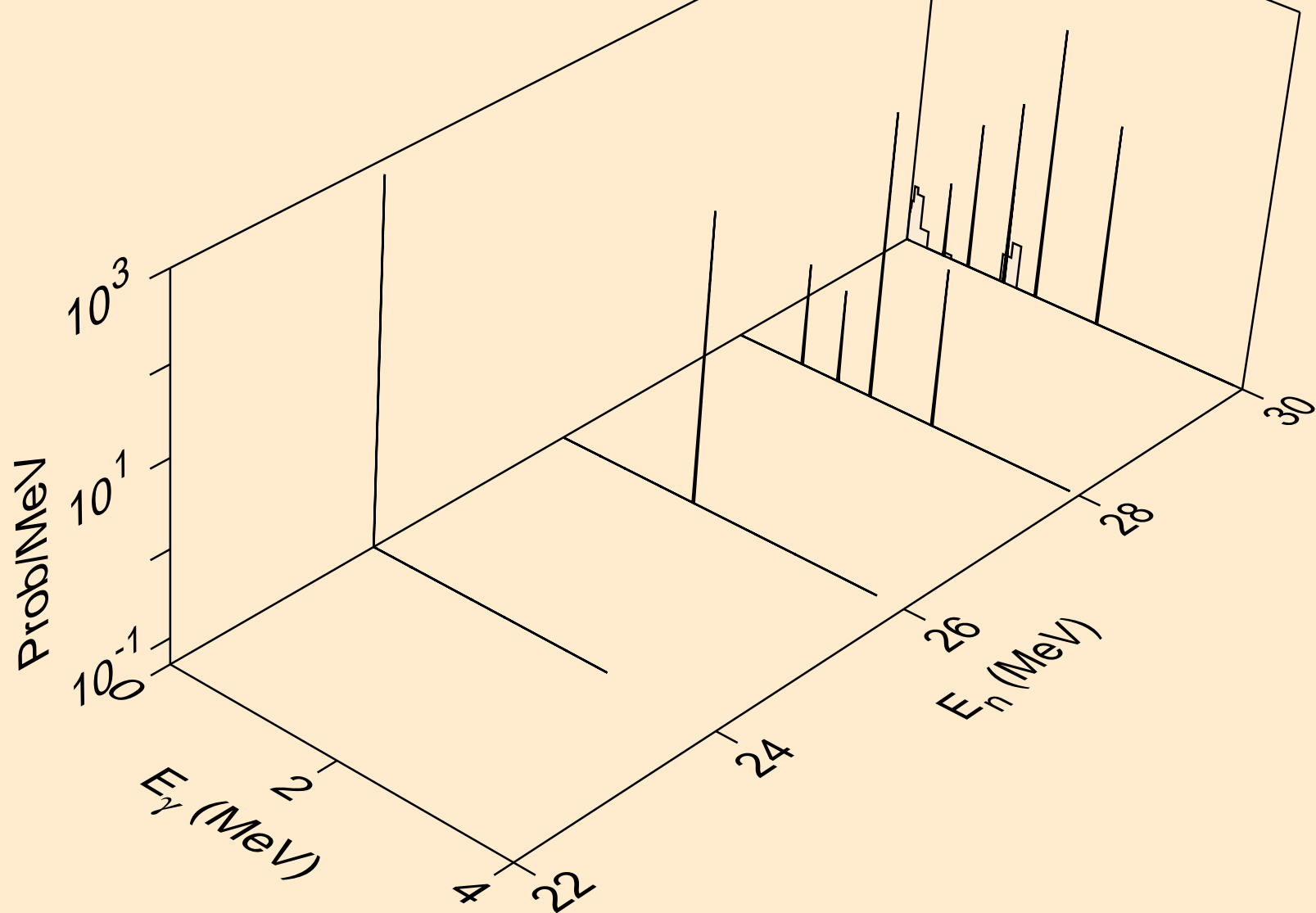
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

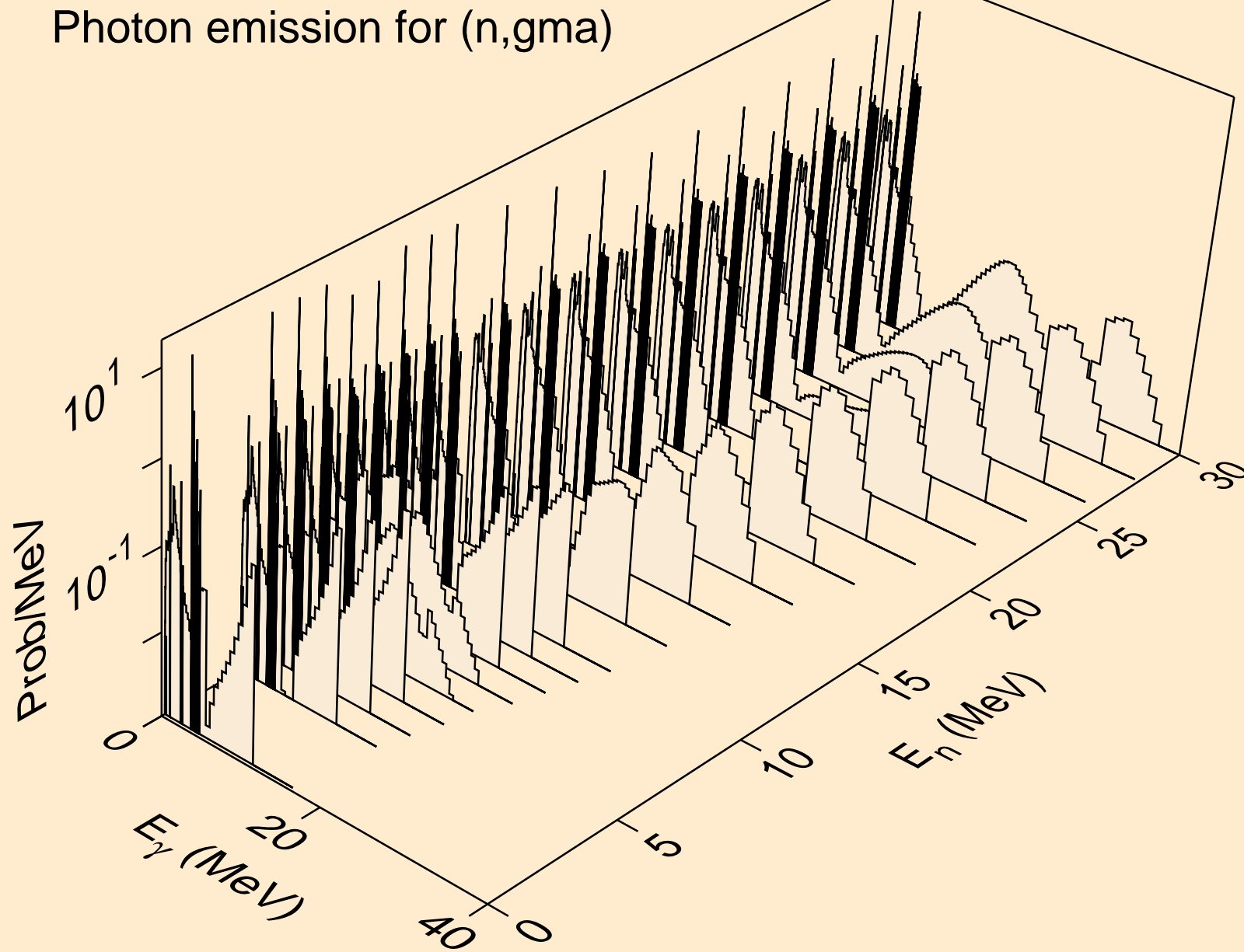


AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

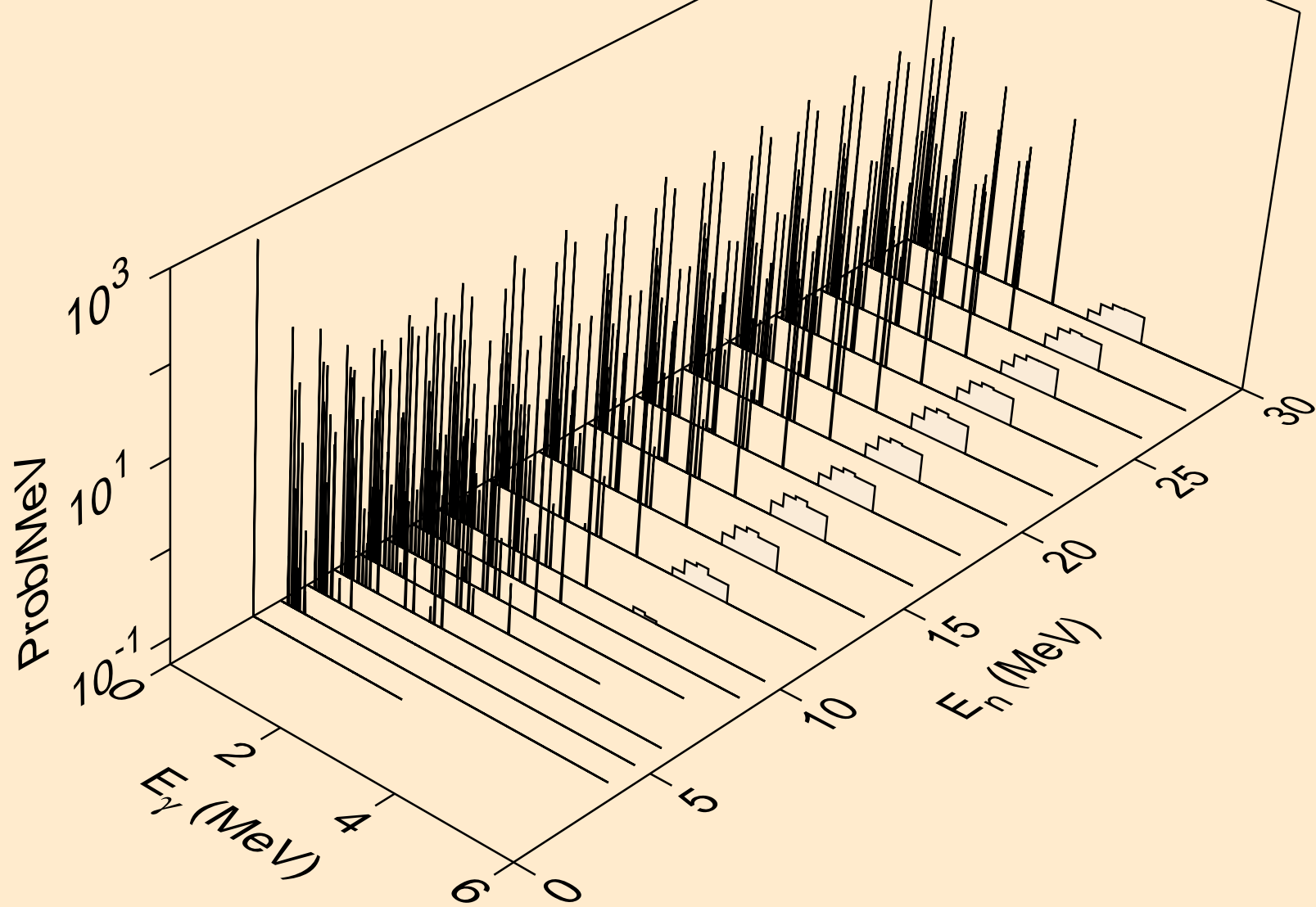




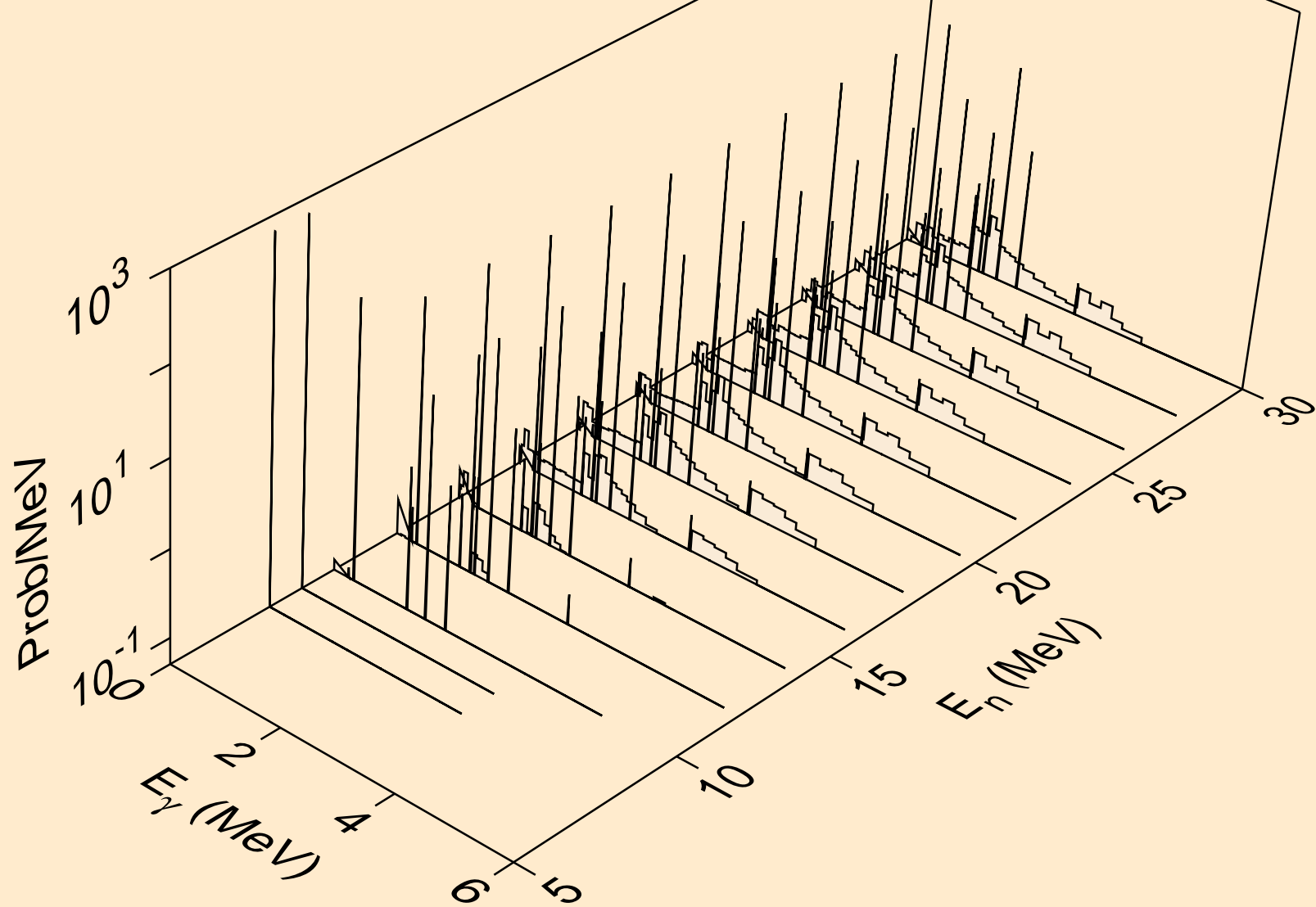
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Photon emission for (n,gma)



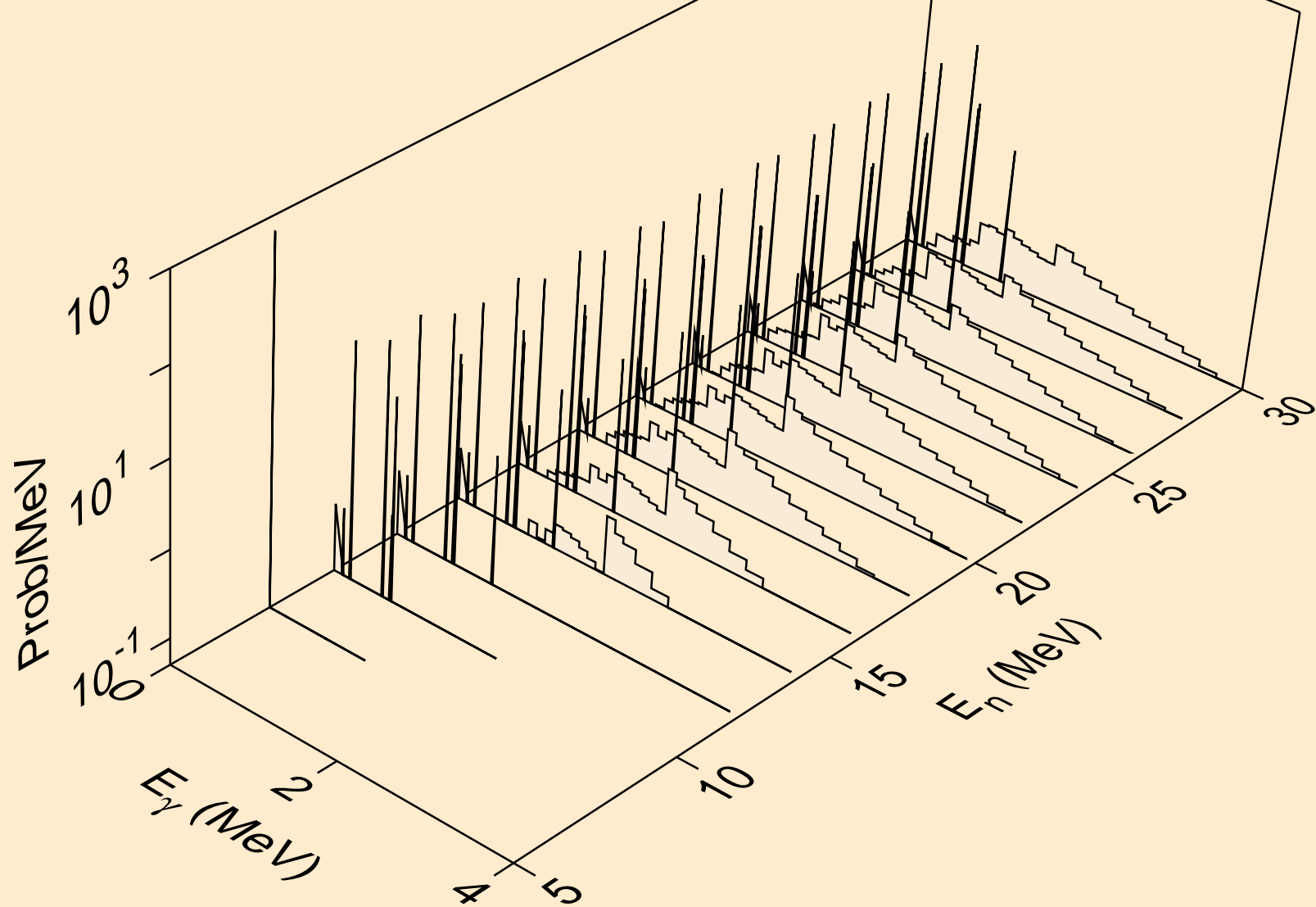
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



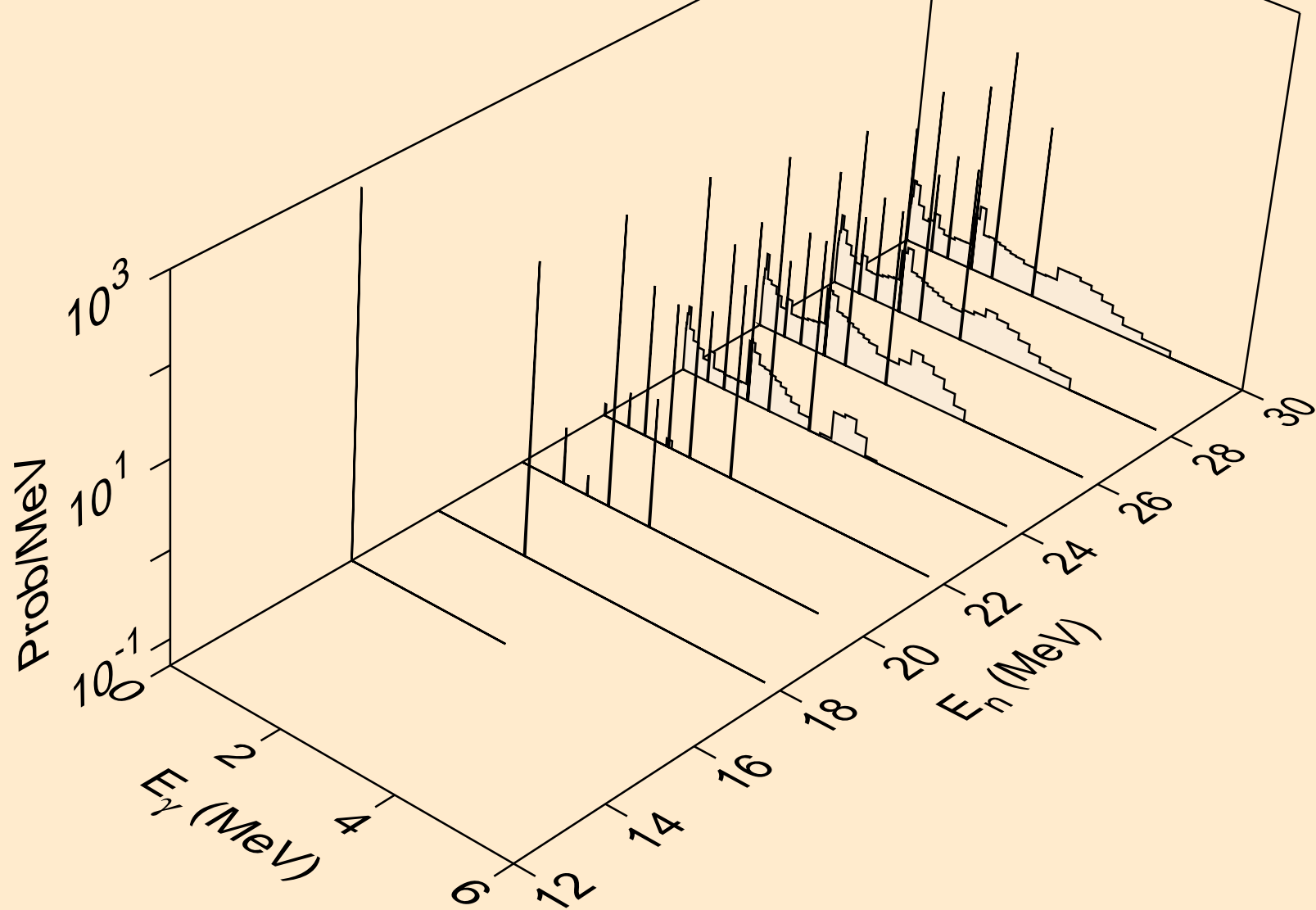
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Photon emission for (n,d)



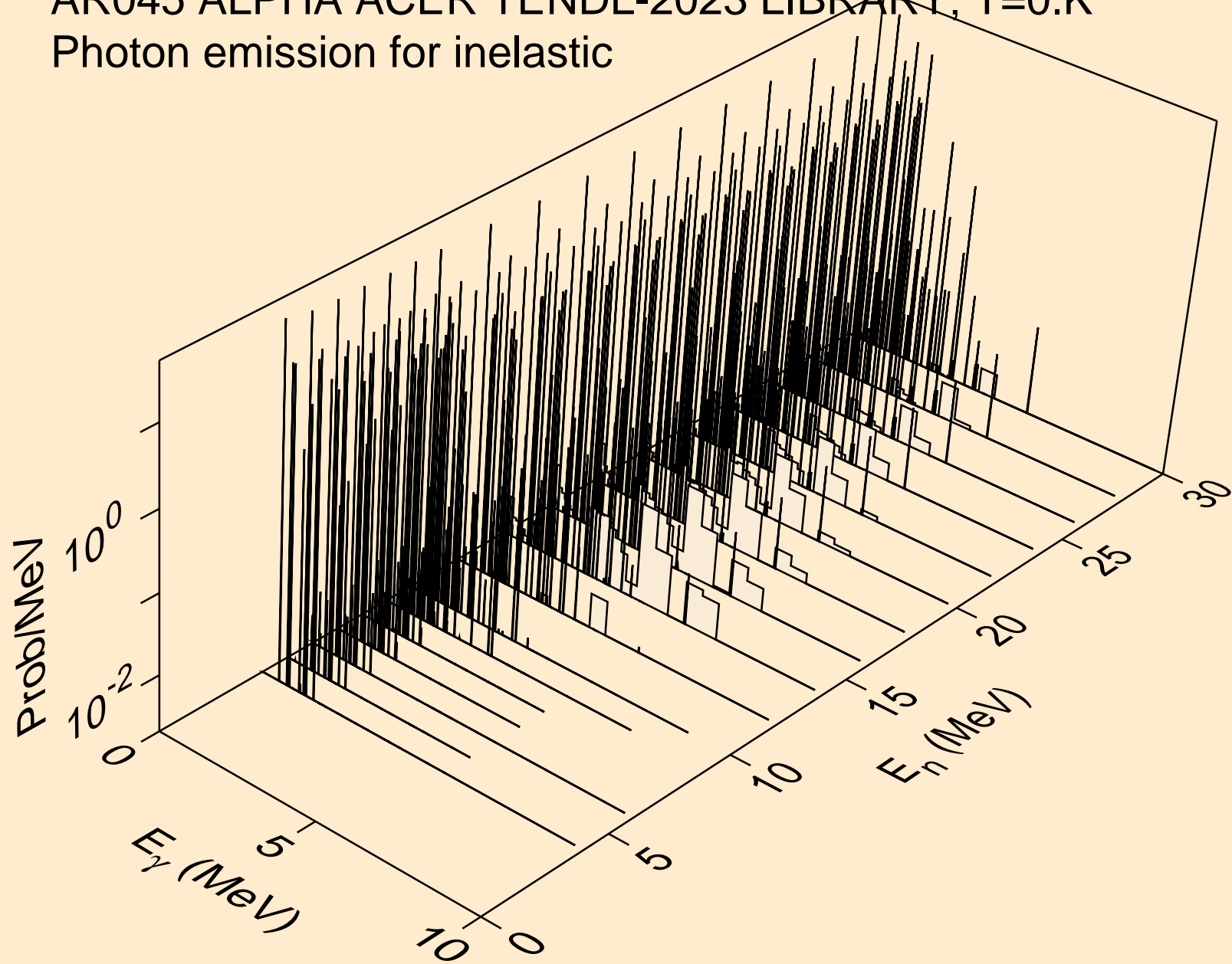
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Photon emission for (n,t)



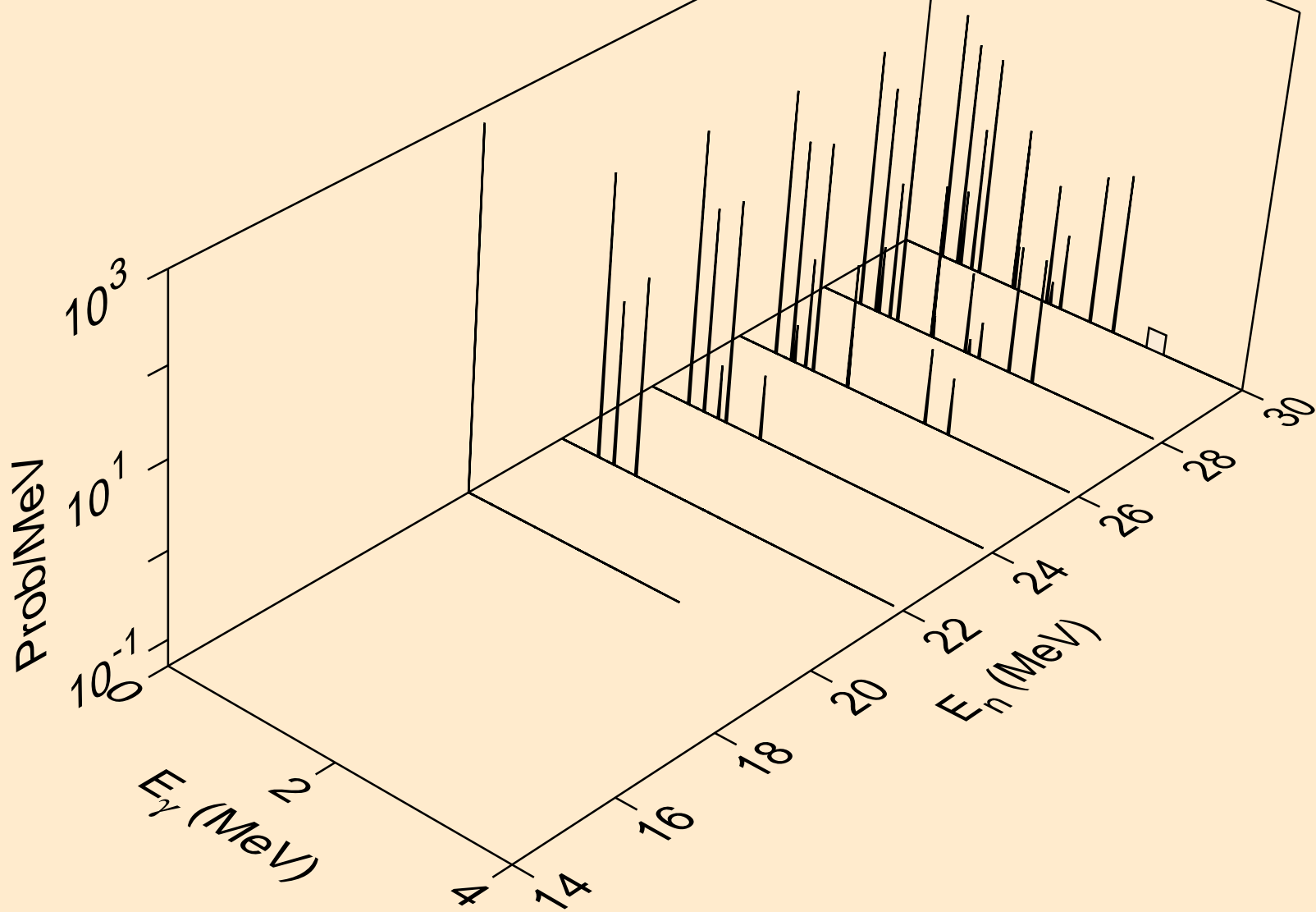
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



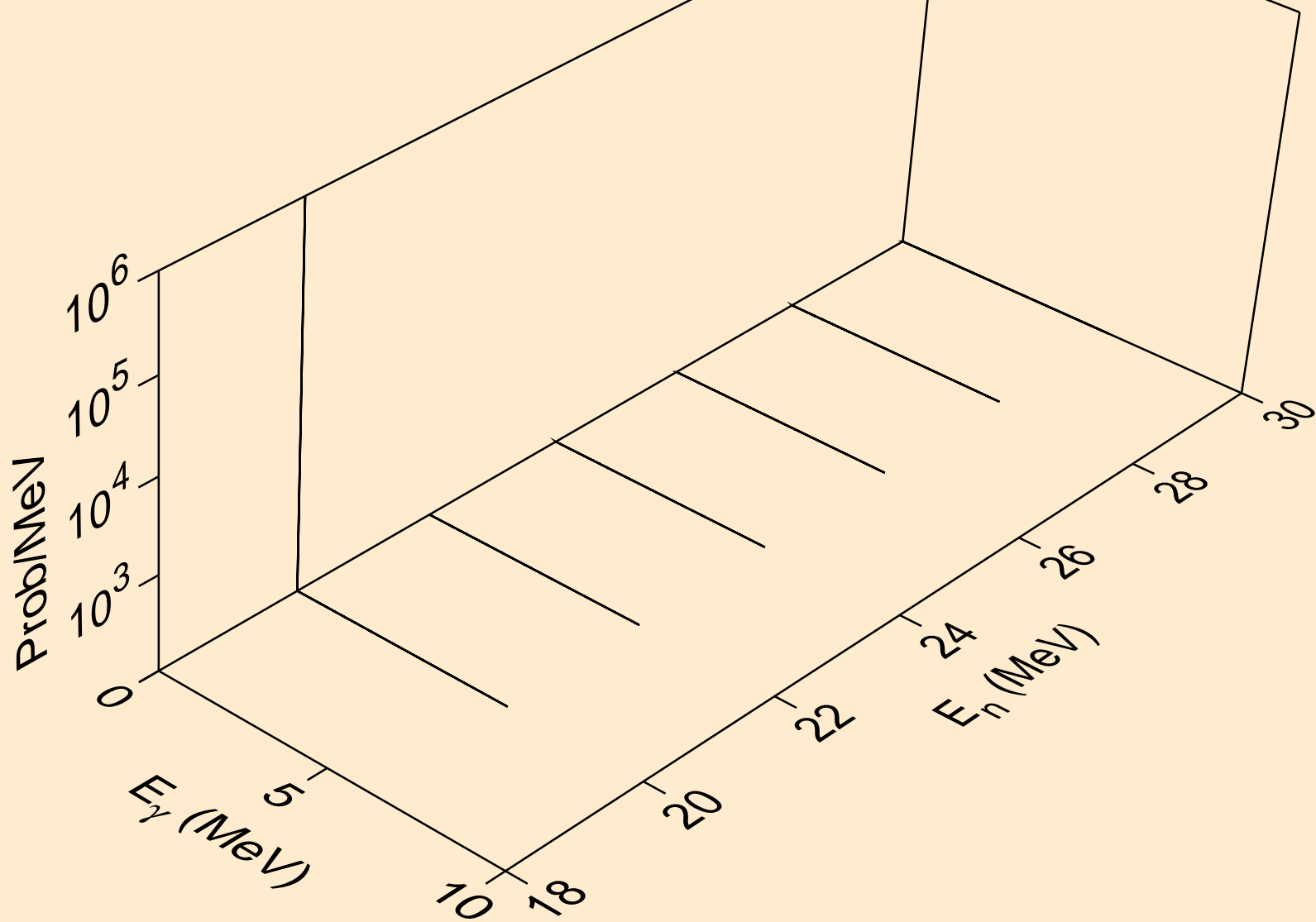
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

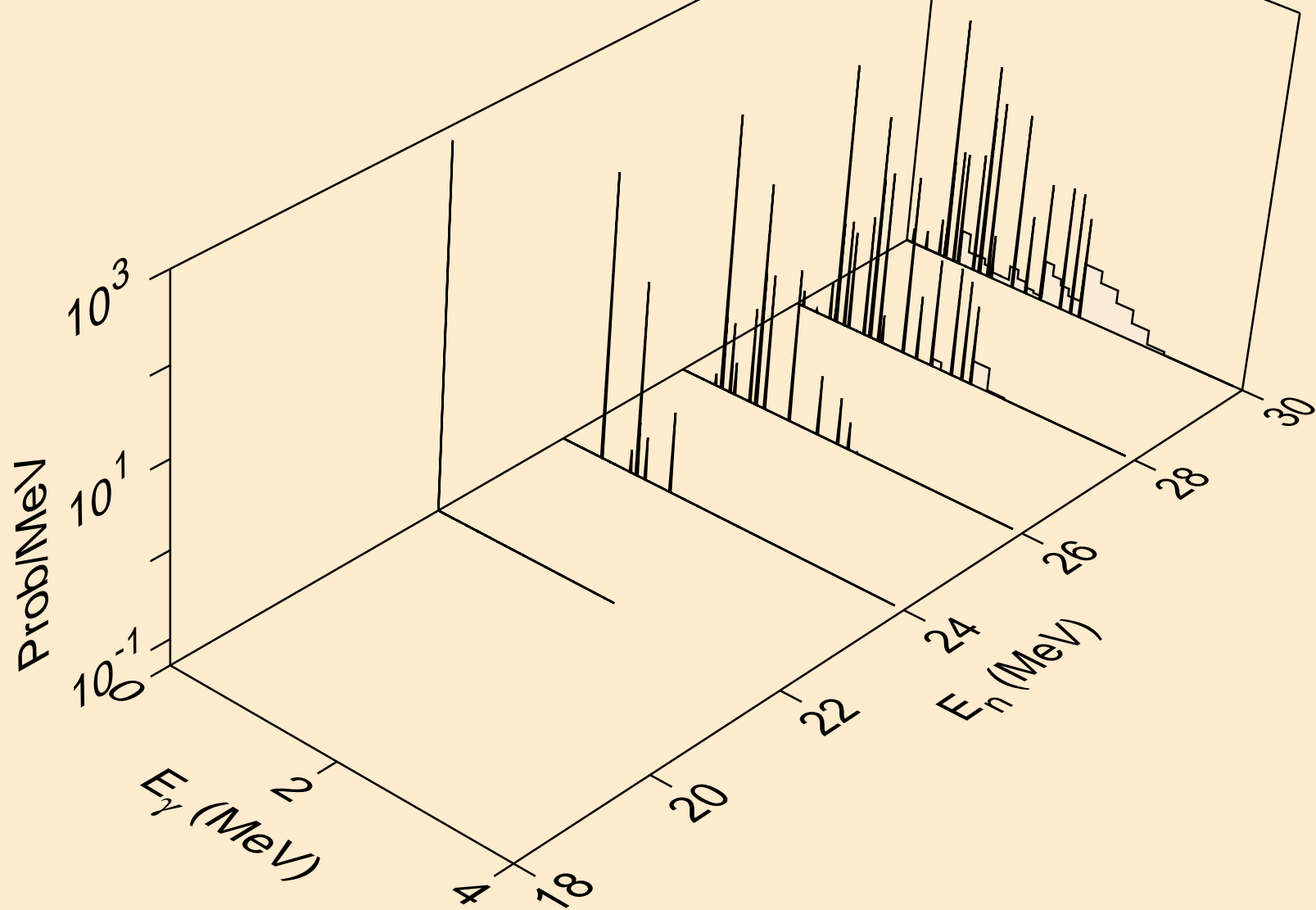


AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

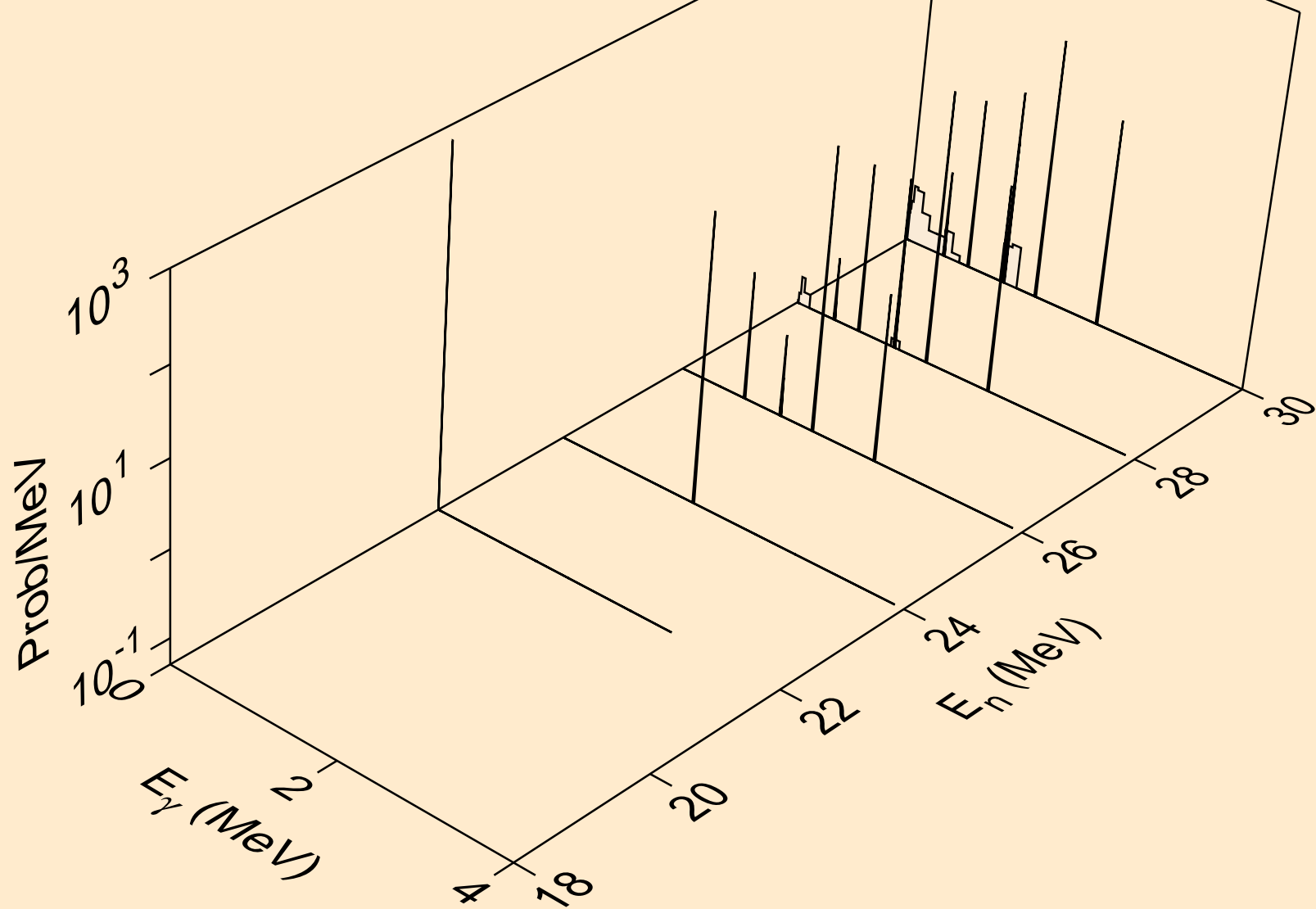




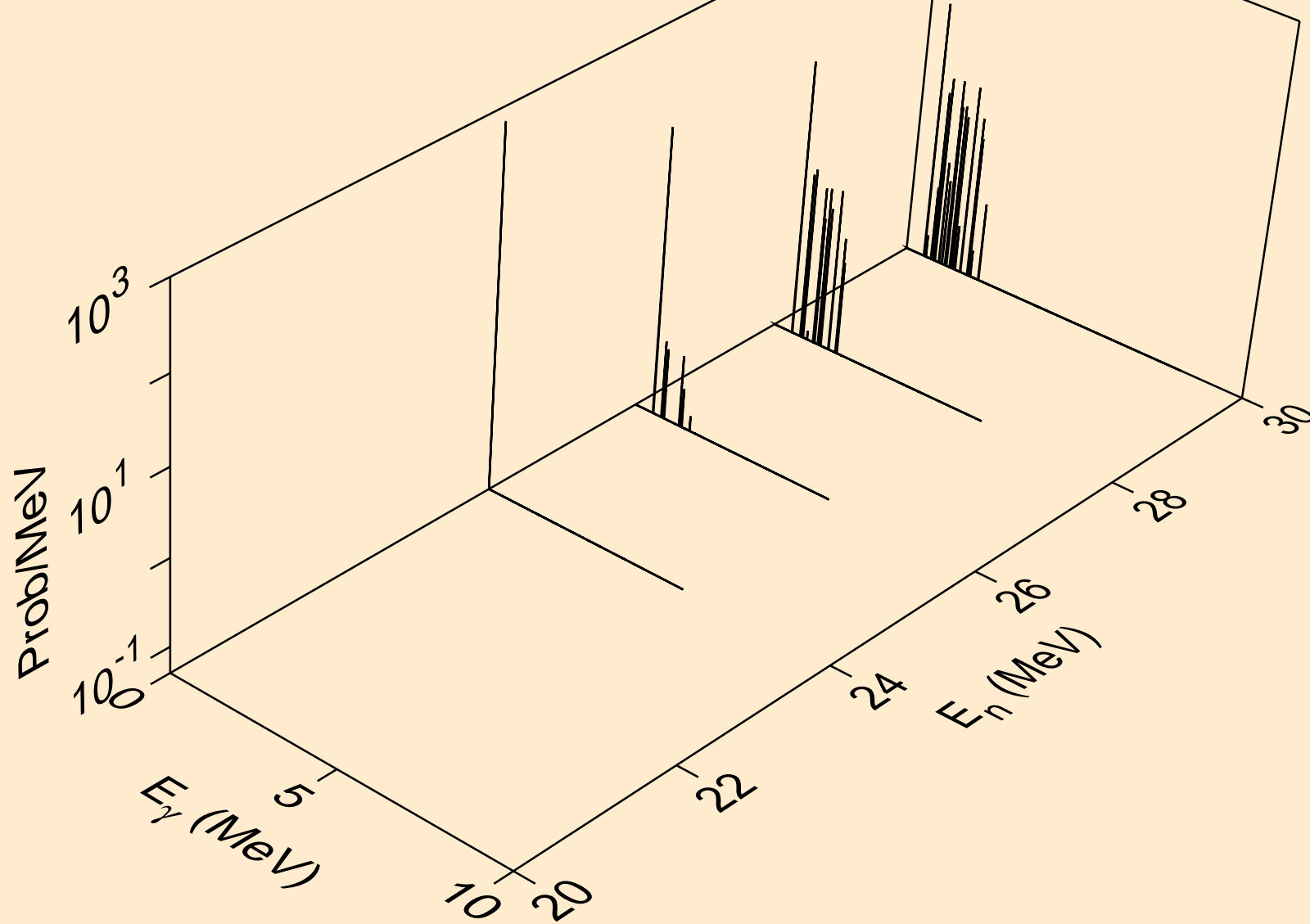
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



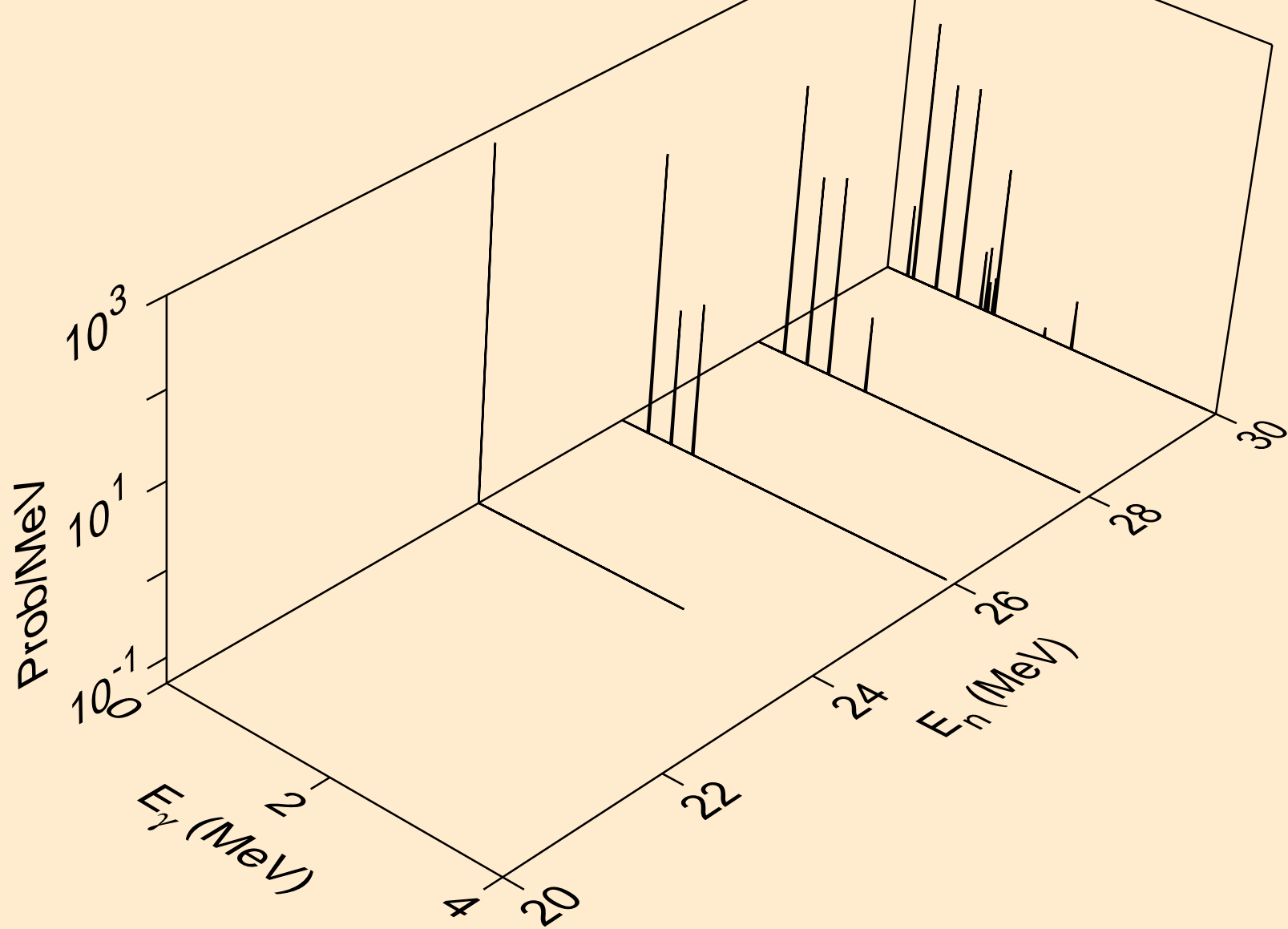
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Photon emission for (n,pd)



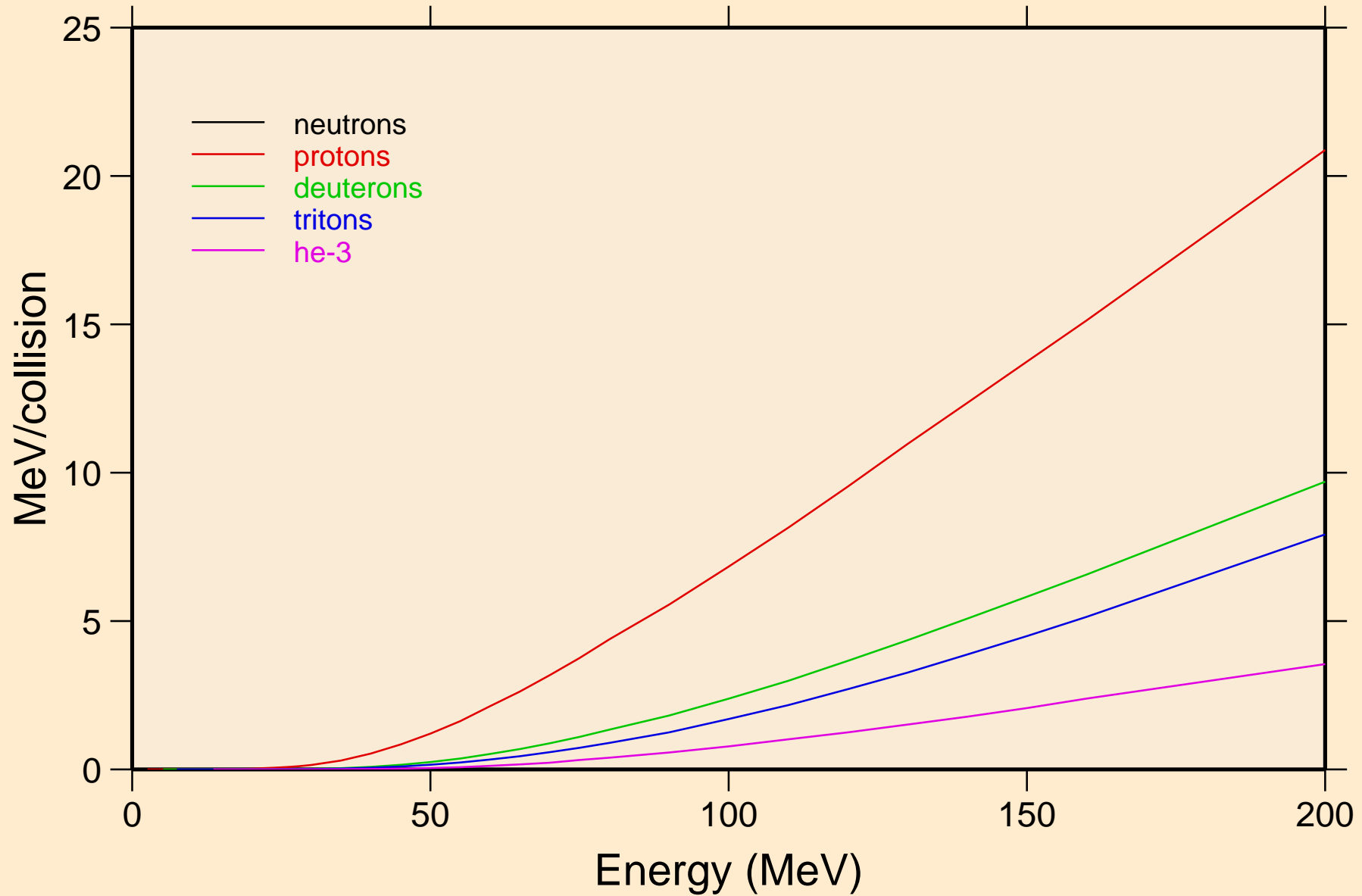
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Photon emission for (n,pt)



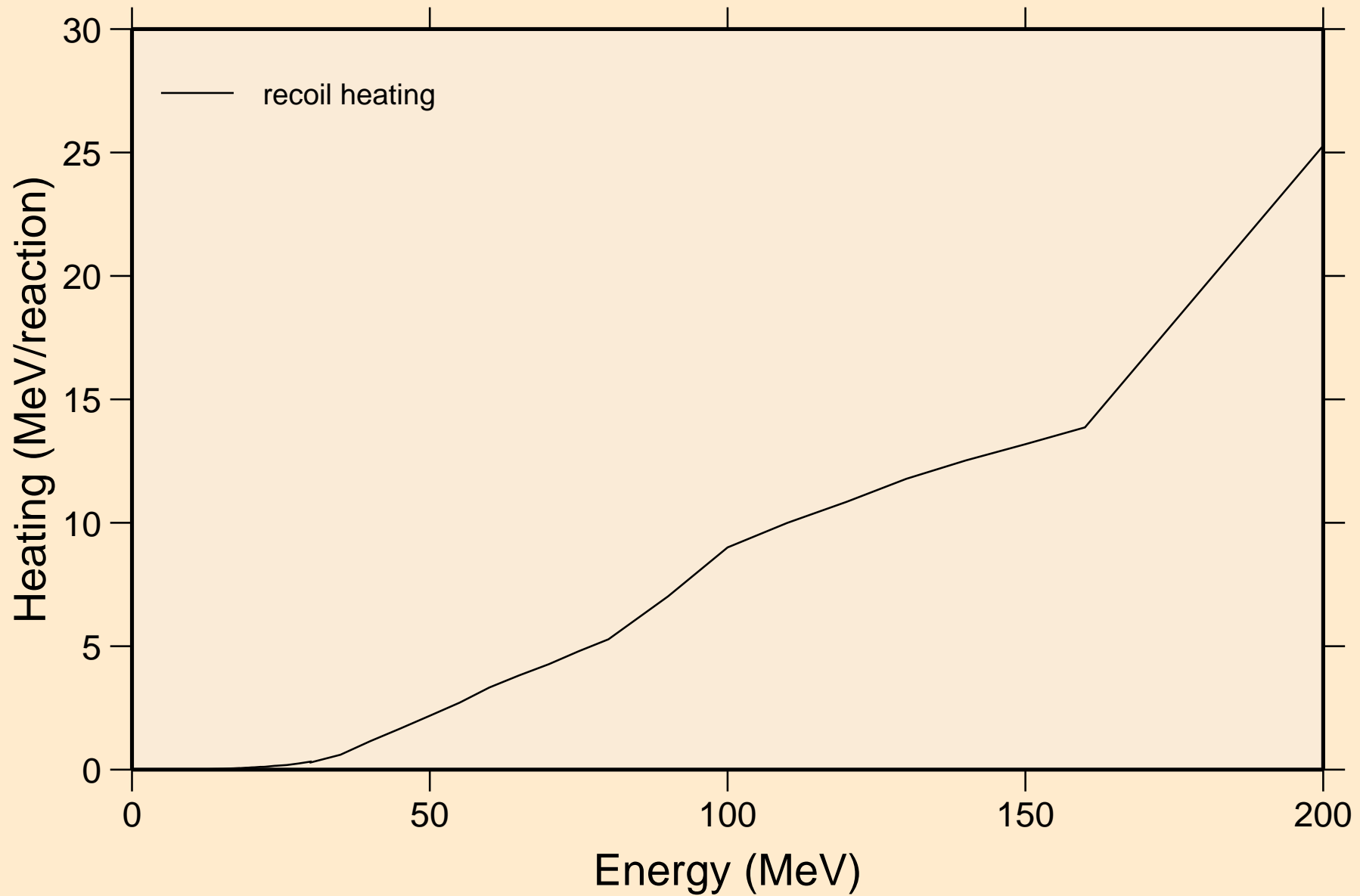
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Photon emission for (n,da)



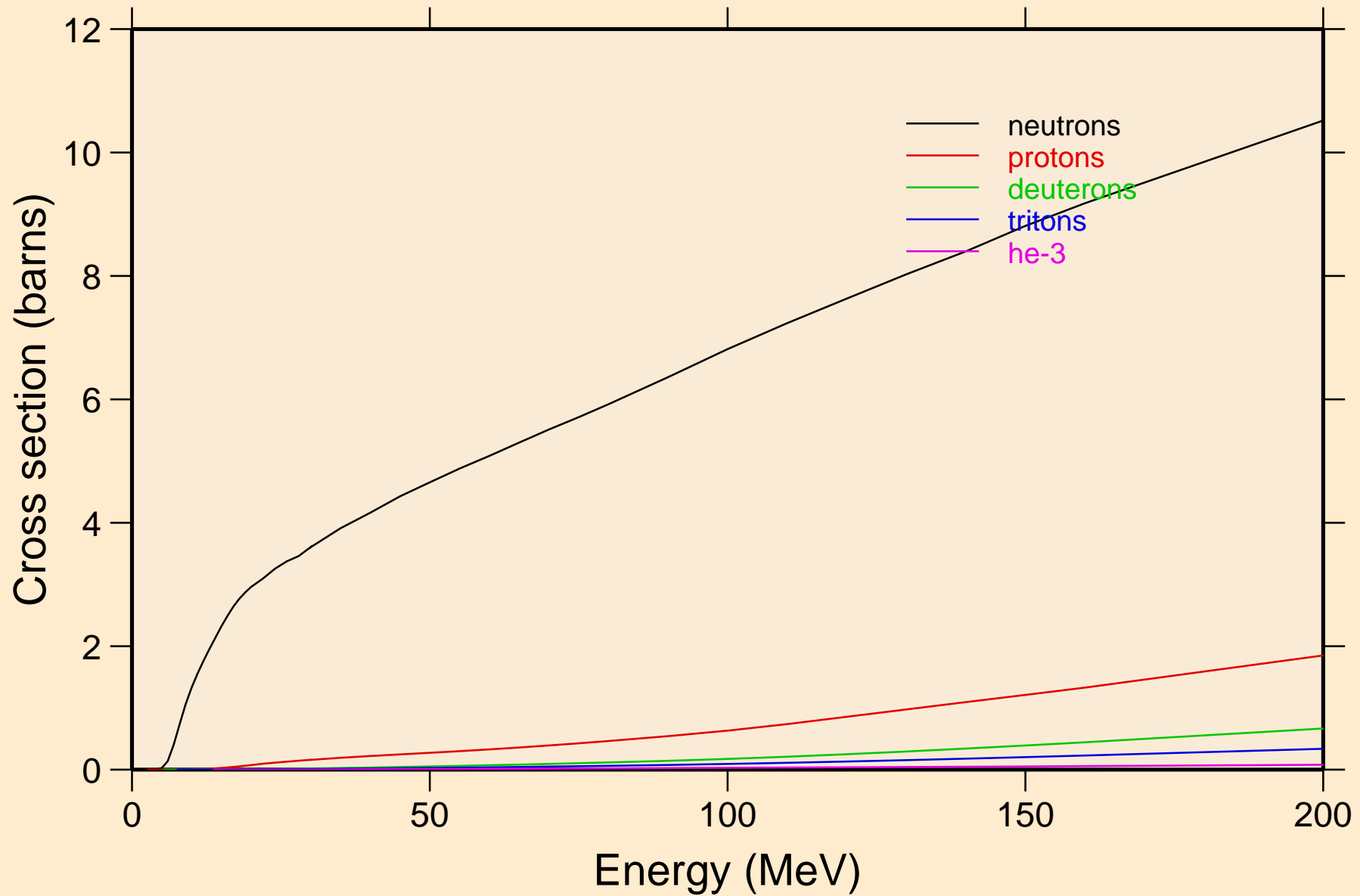
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



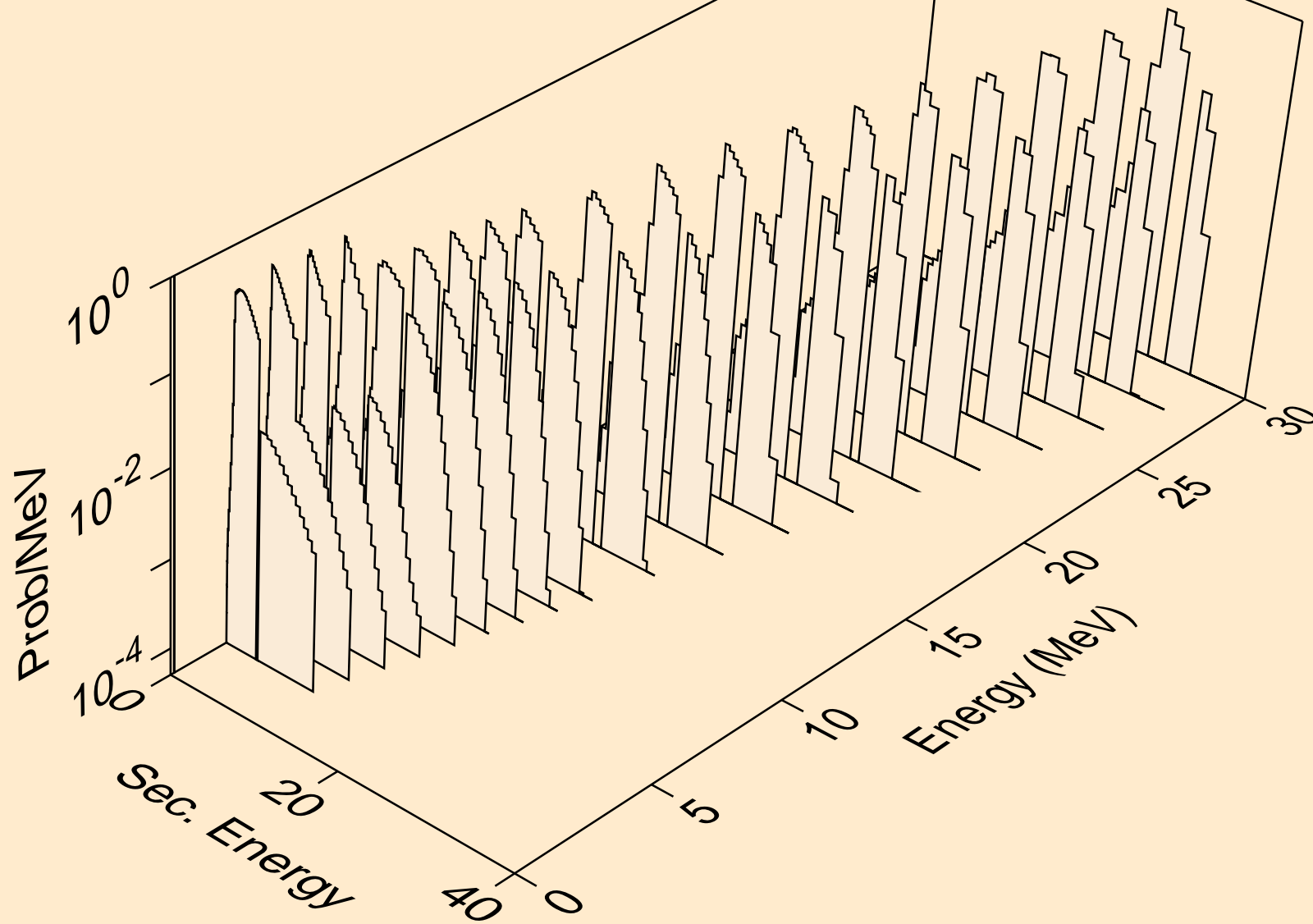
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

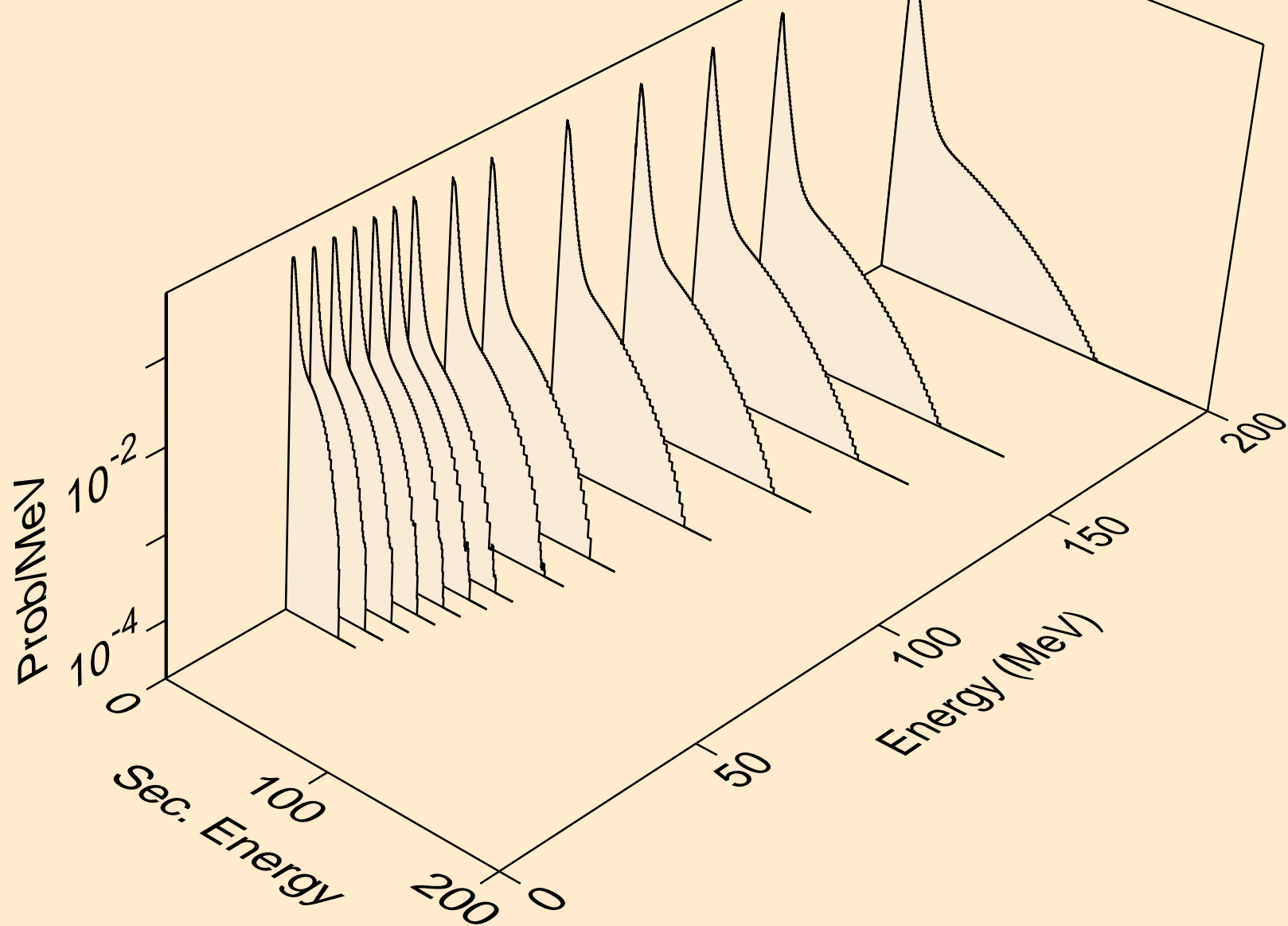


AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

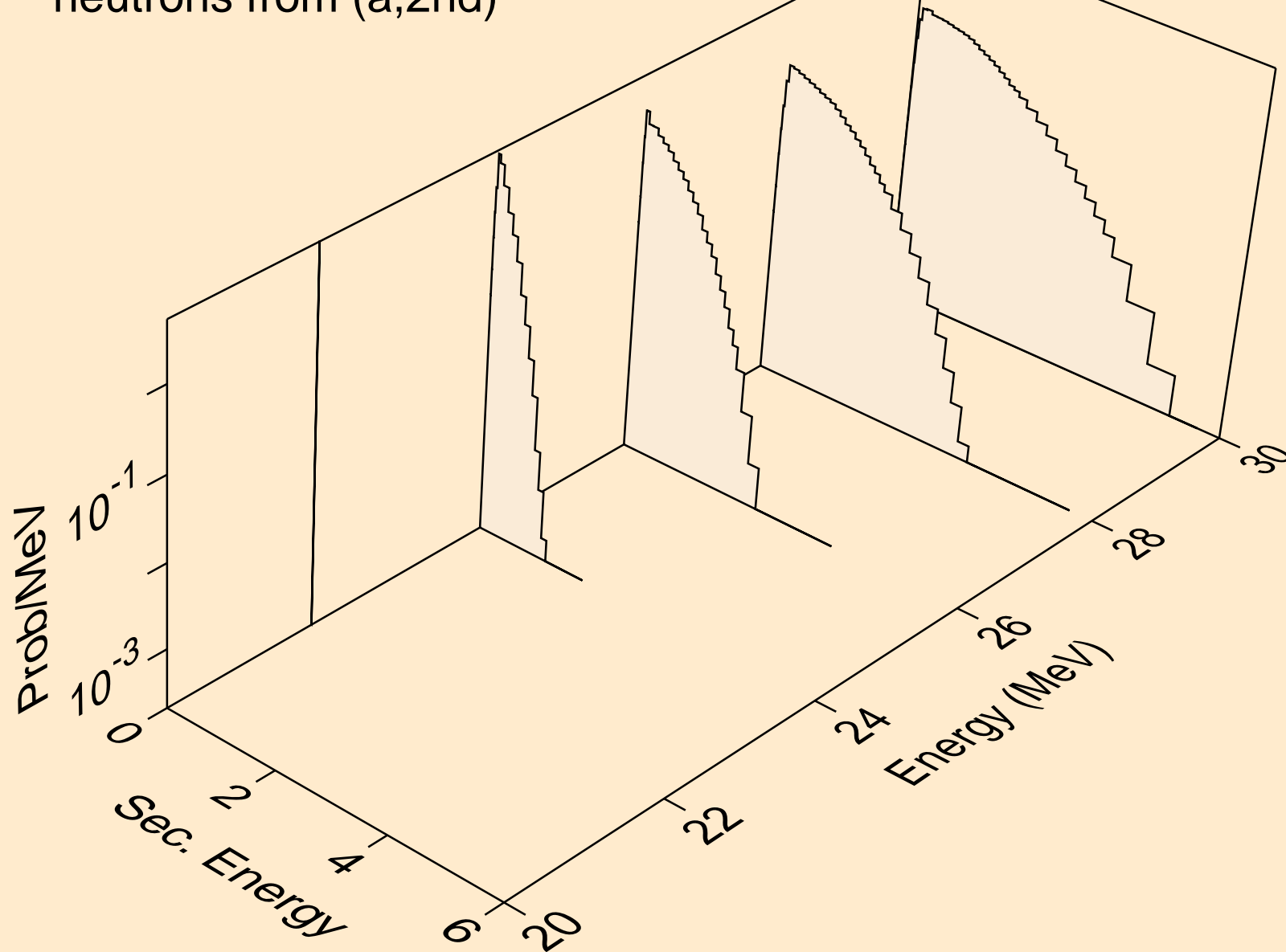




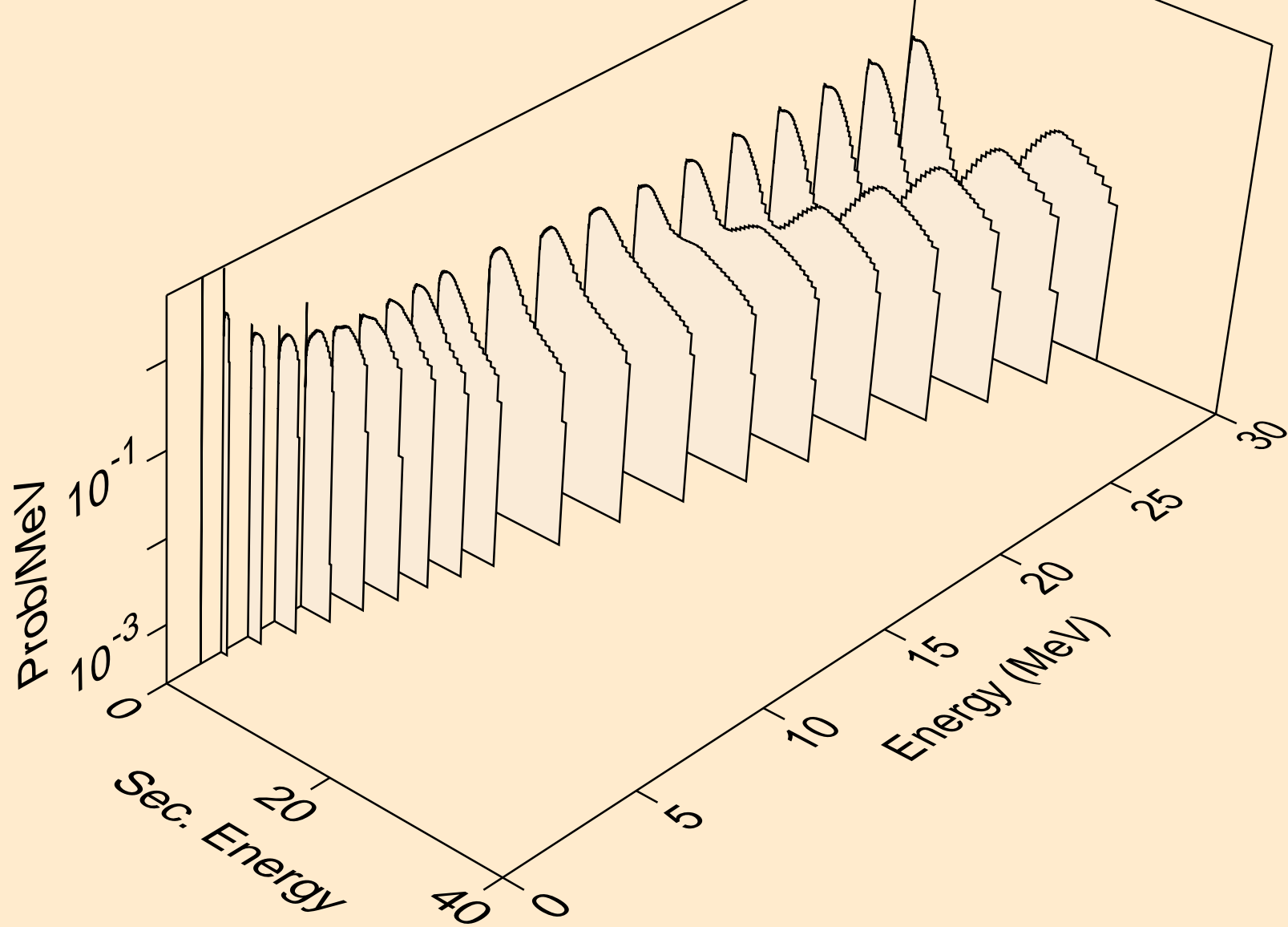
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



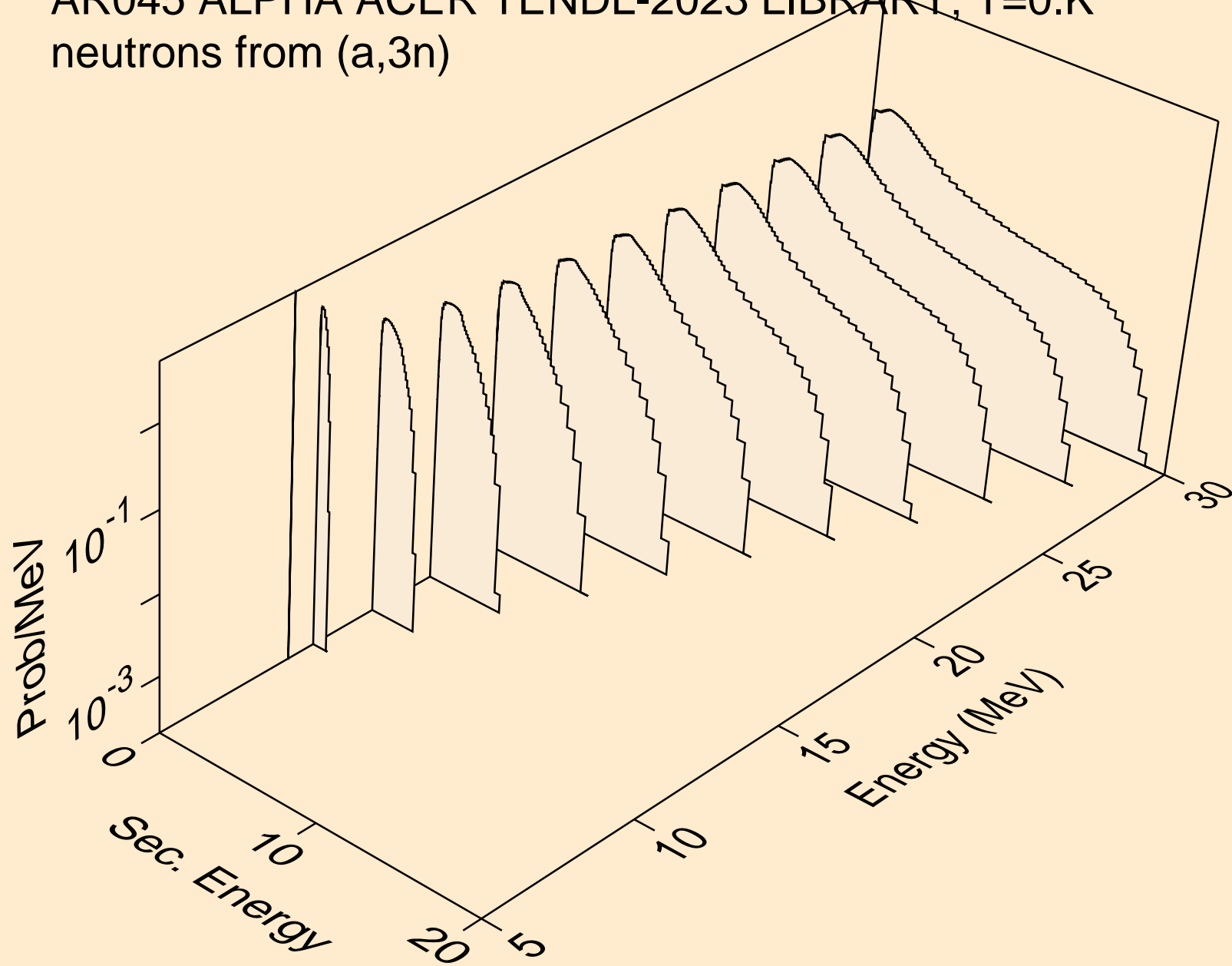
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



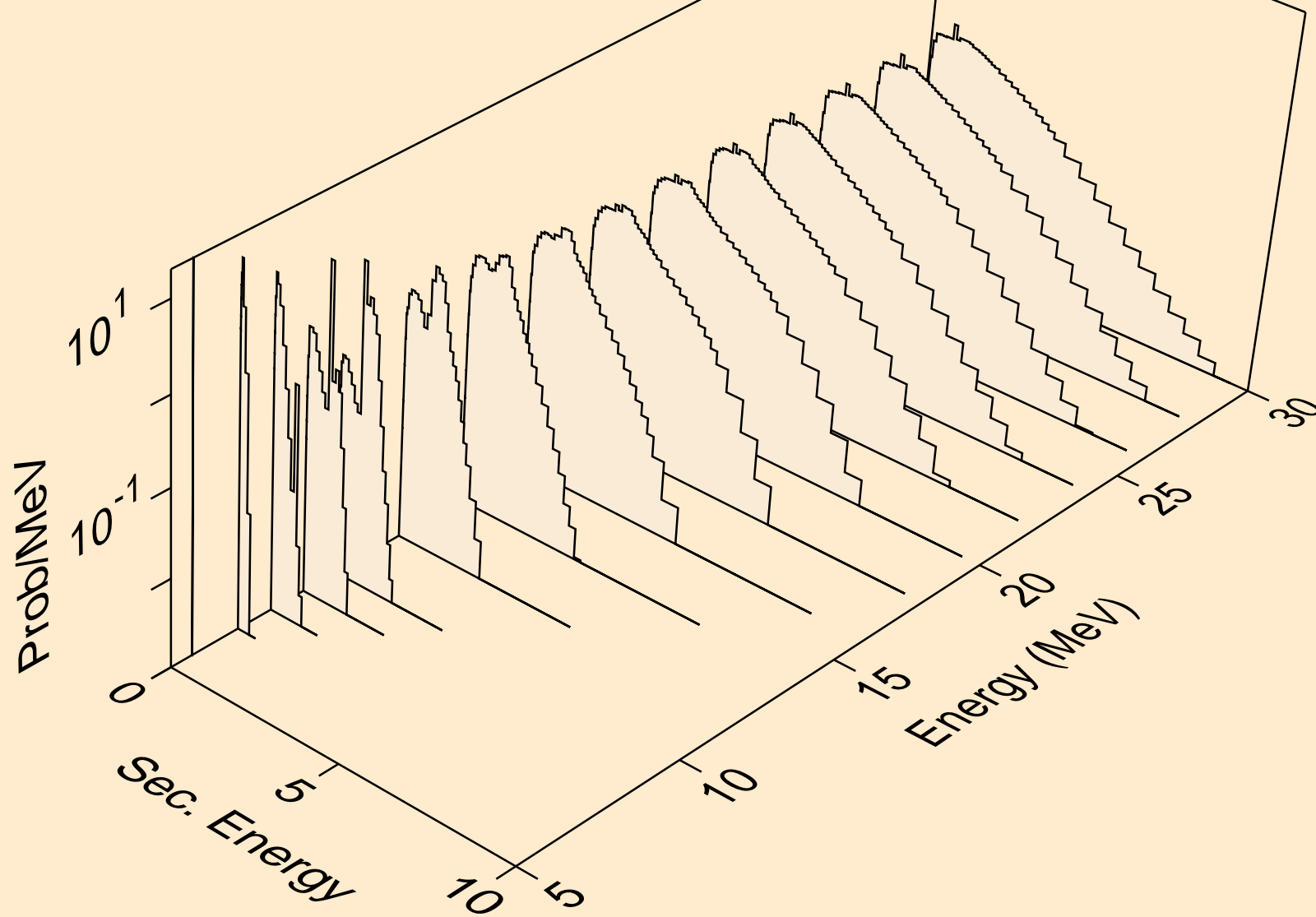
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neutrons from (a,2n)



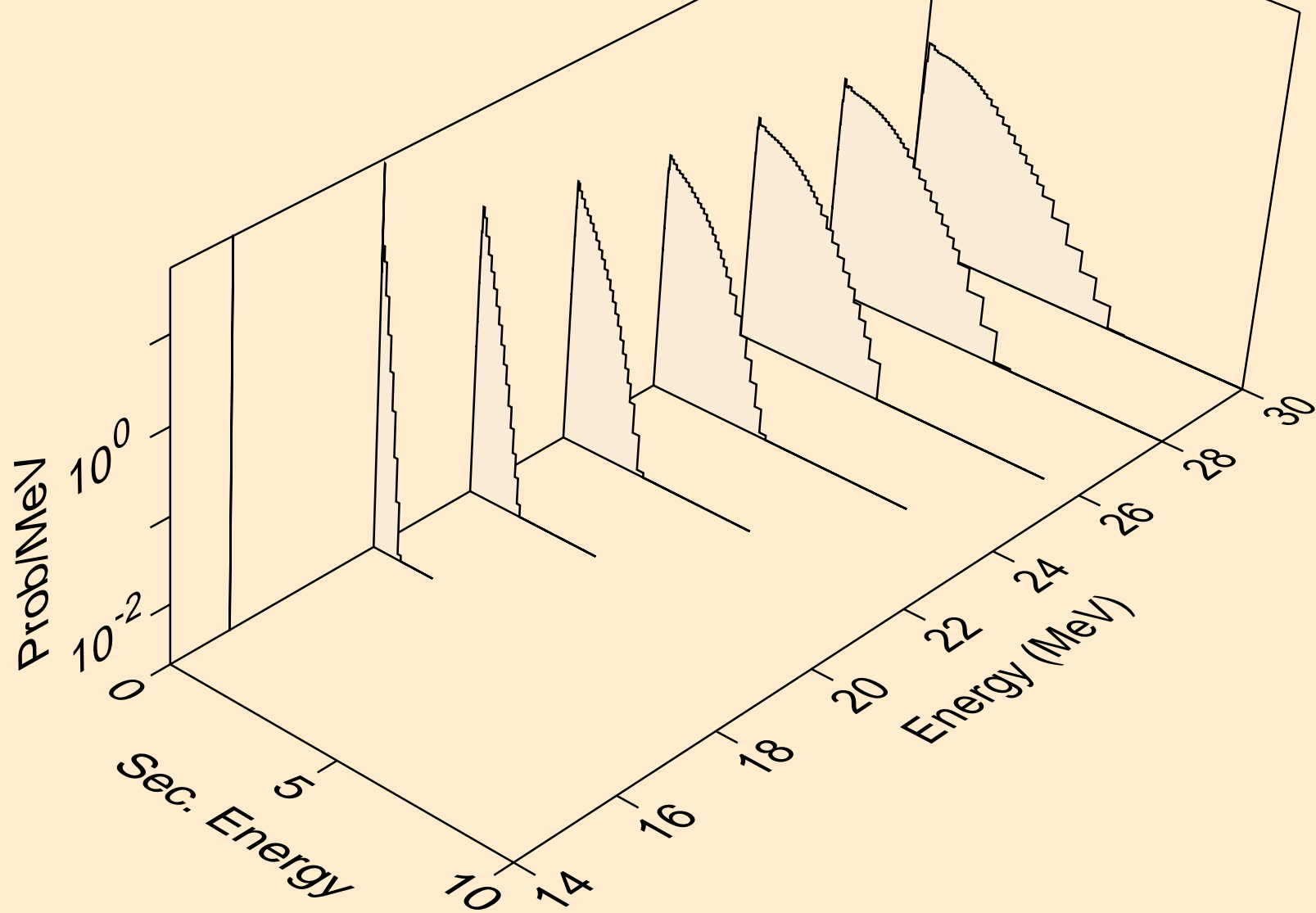
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



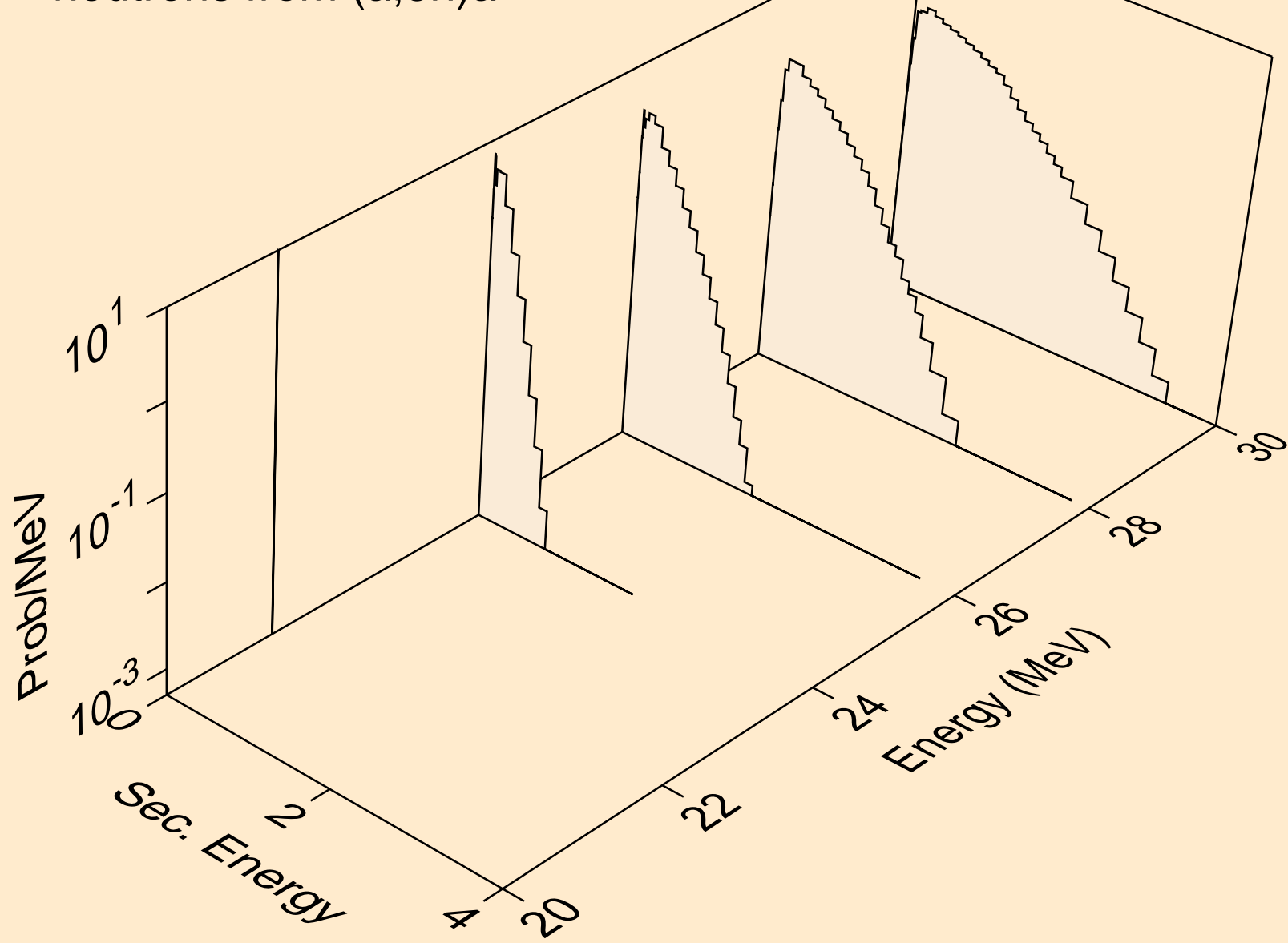
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



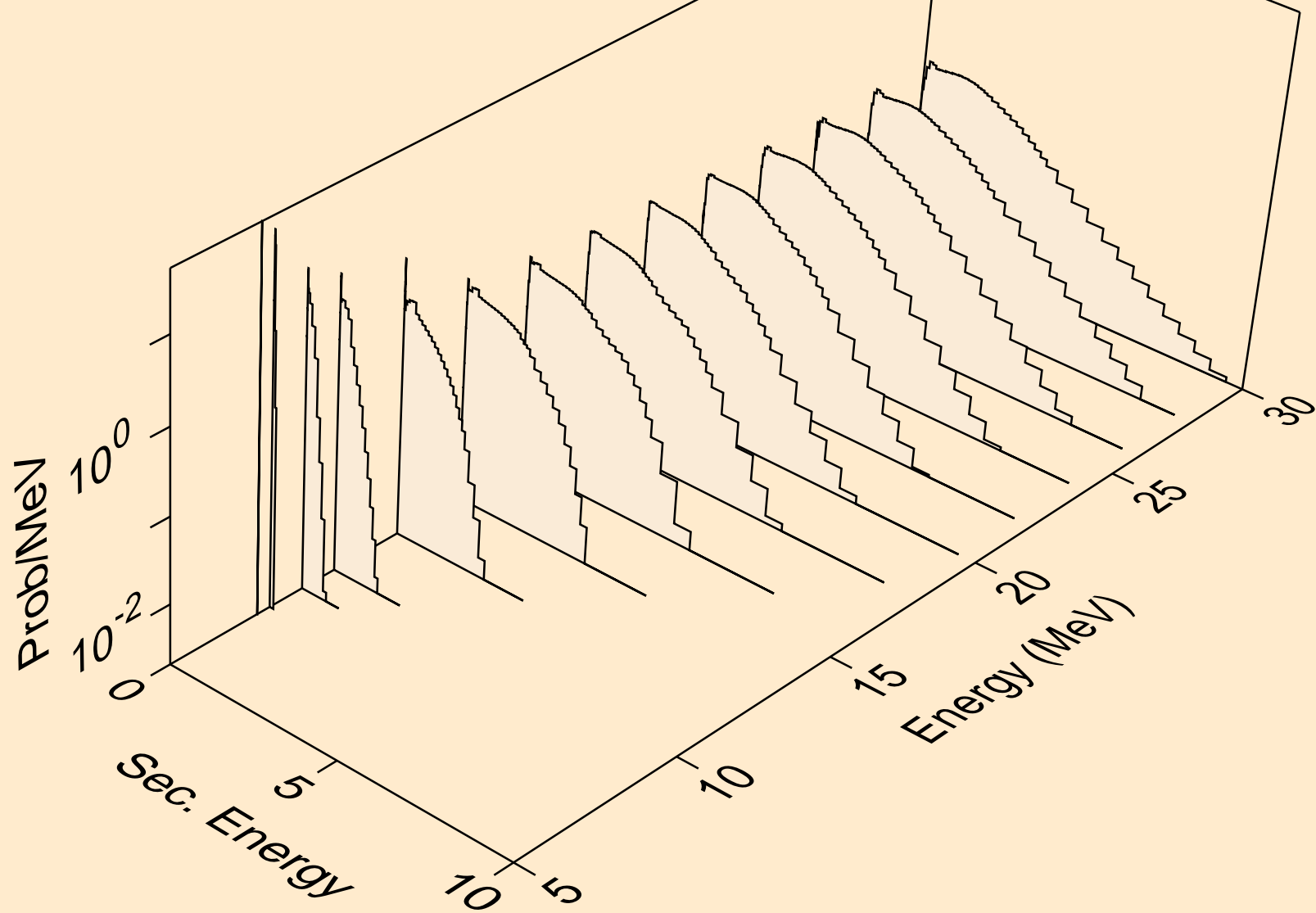
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a

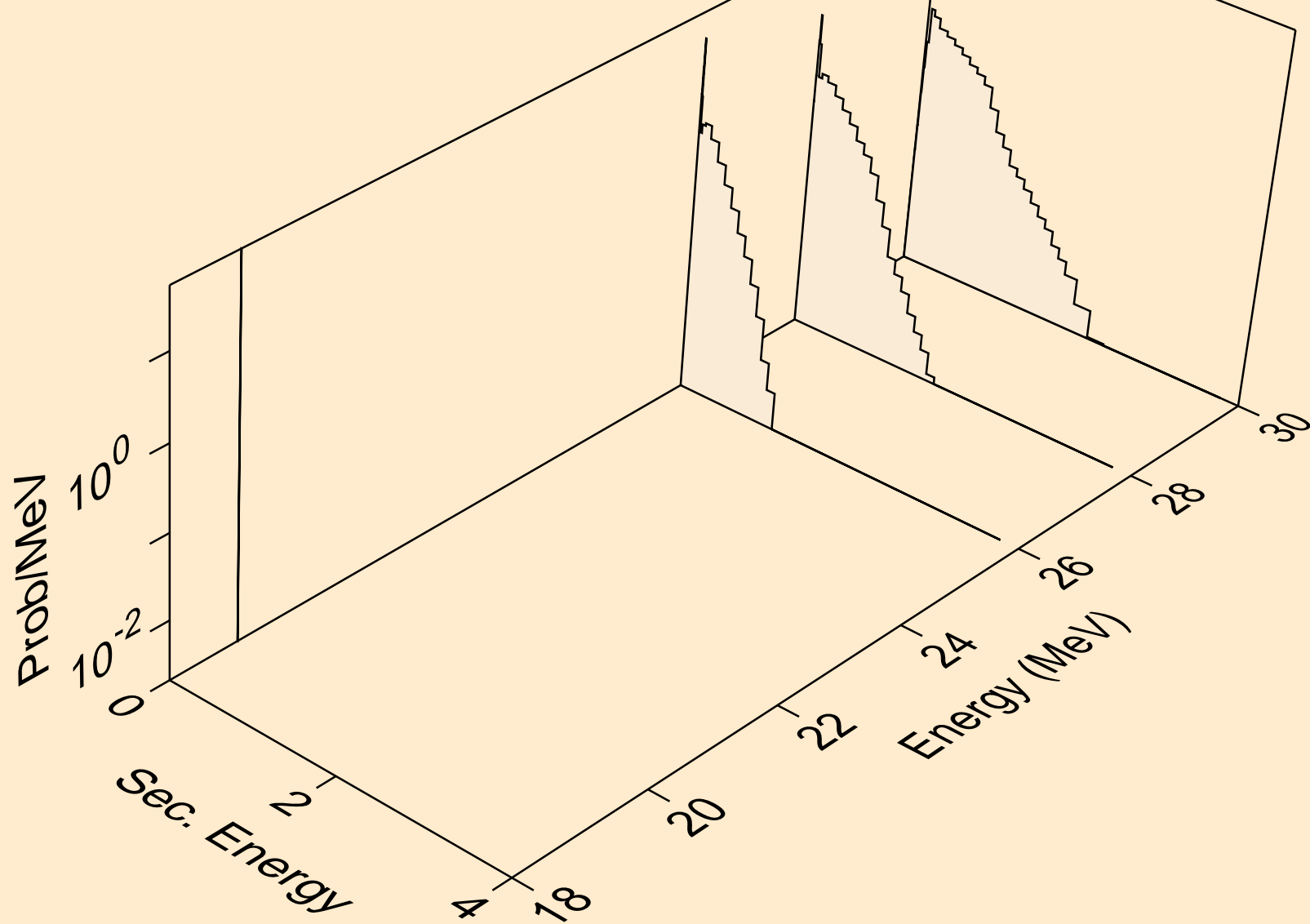


AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

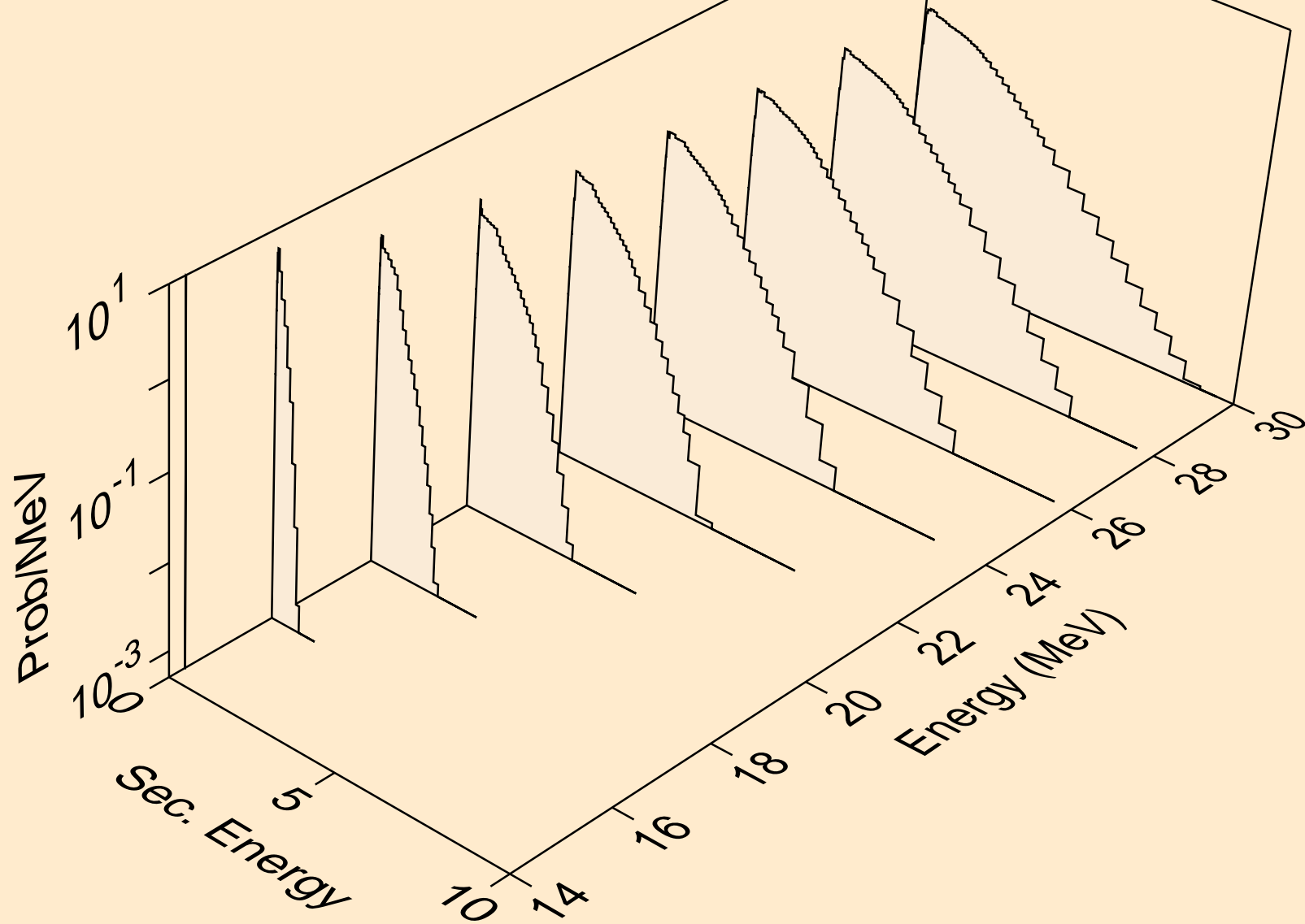




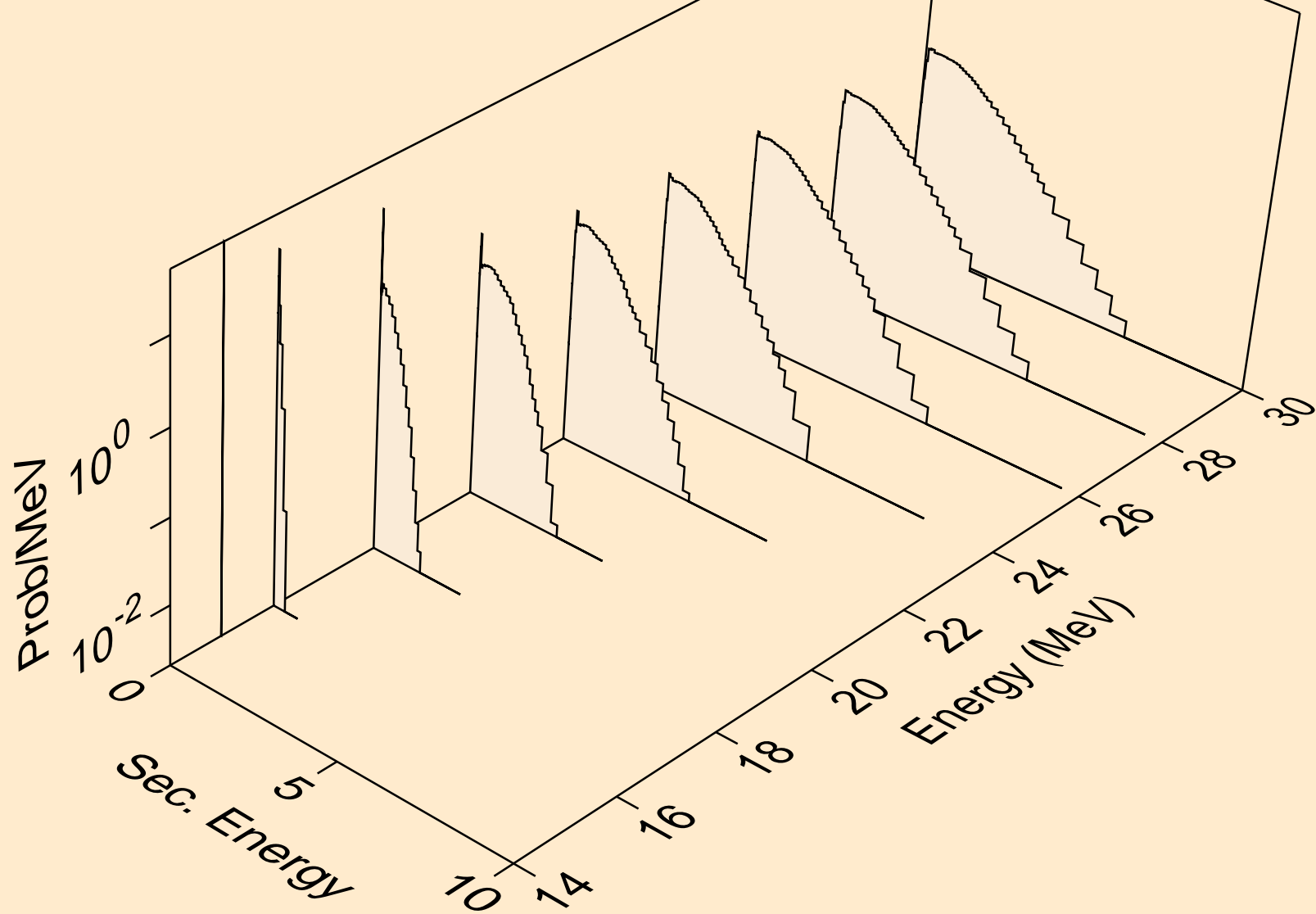
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neutrons from (a,n\*)2a



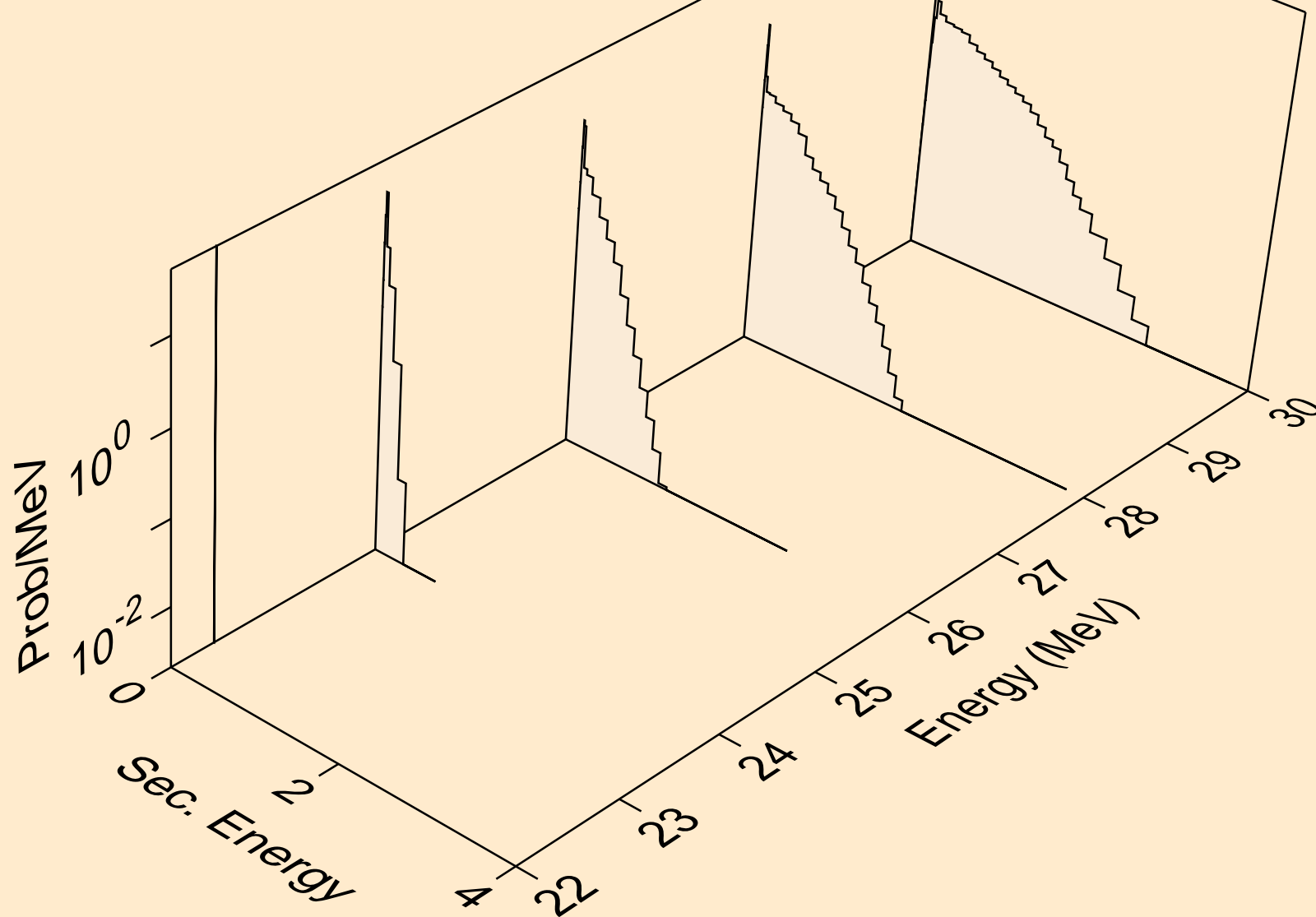
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



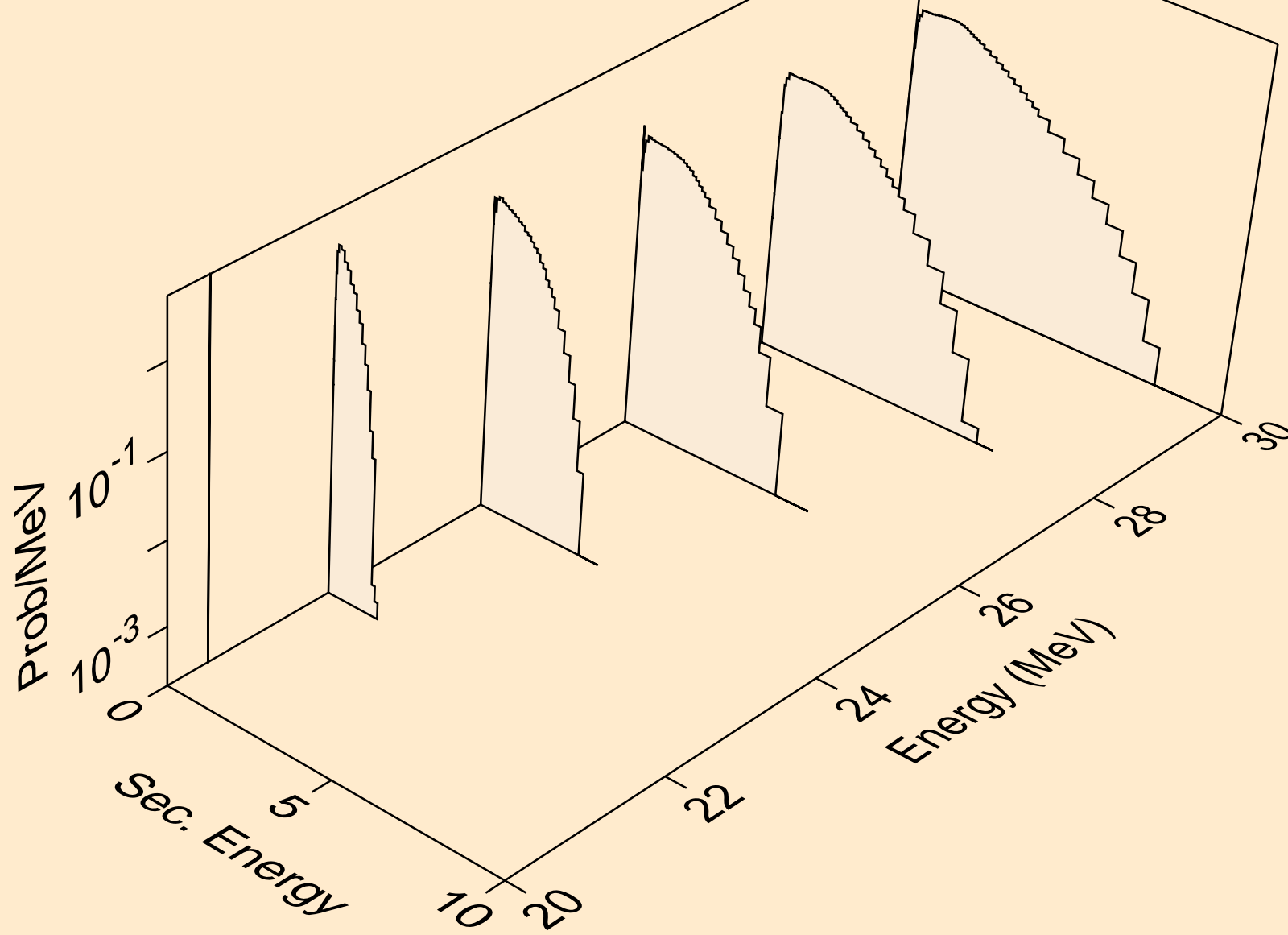
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



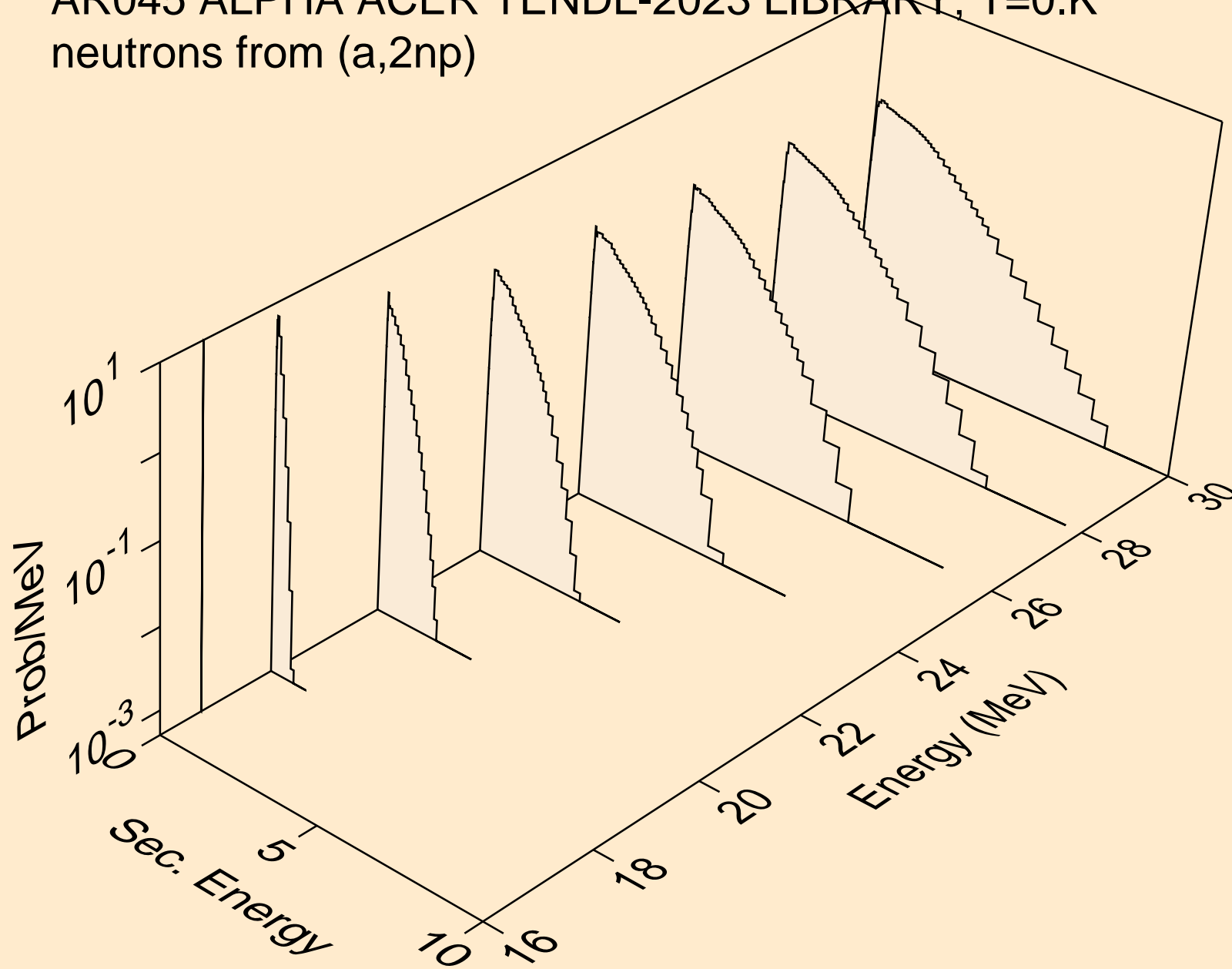
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



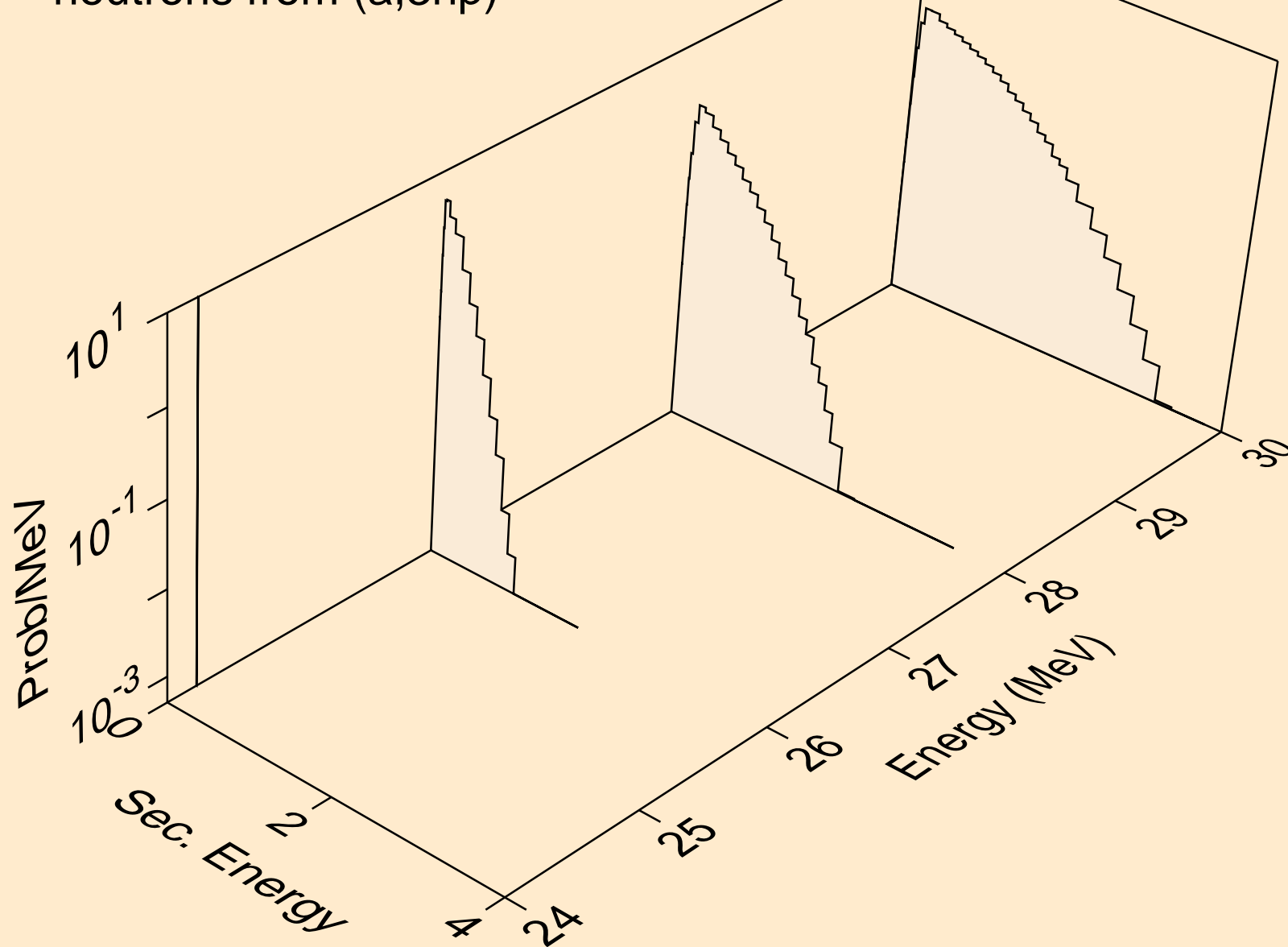
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)



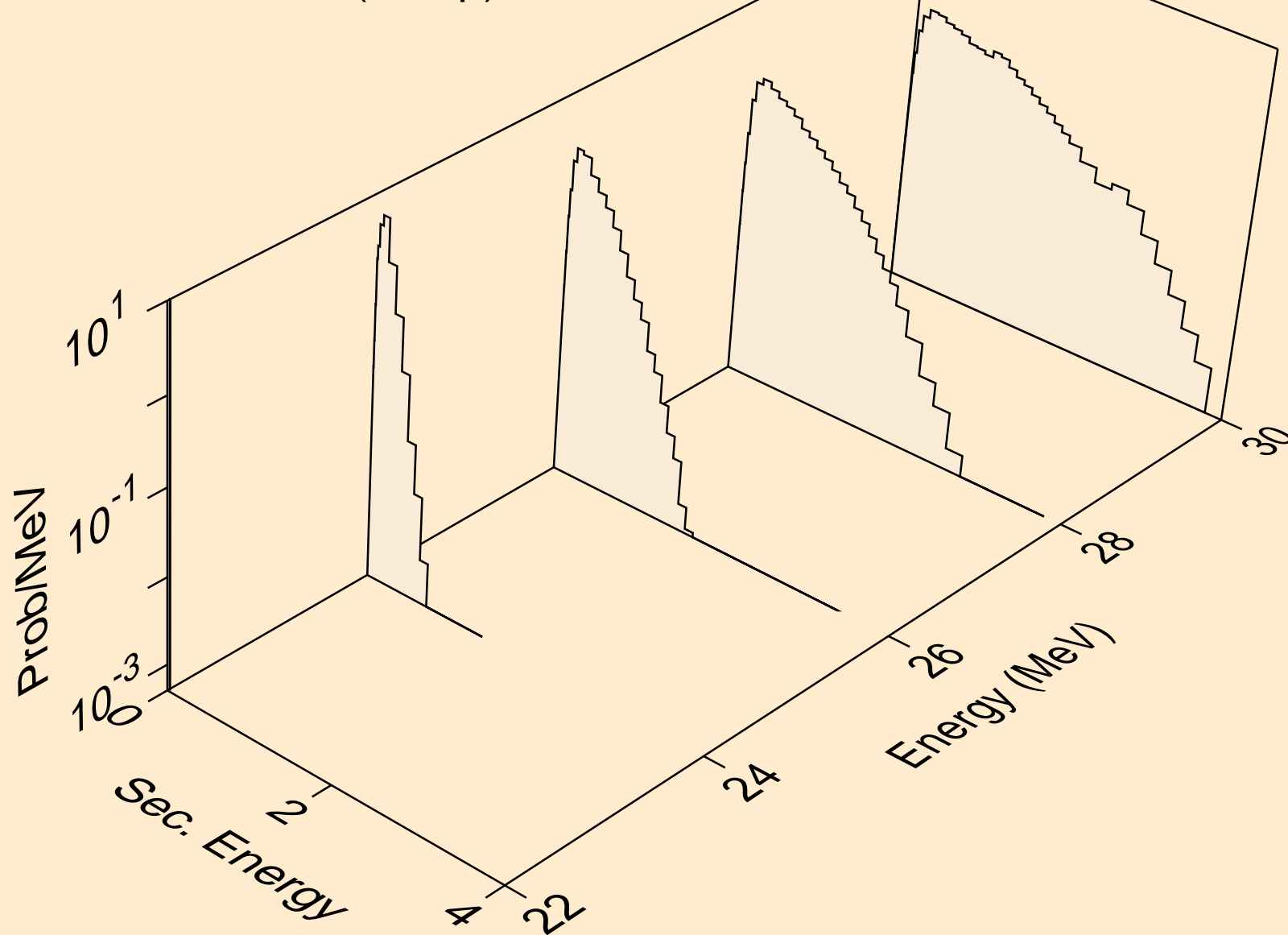
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)

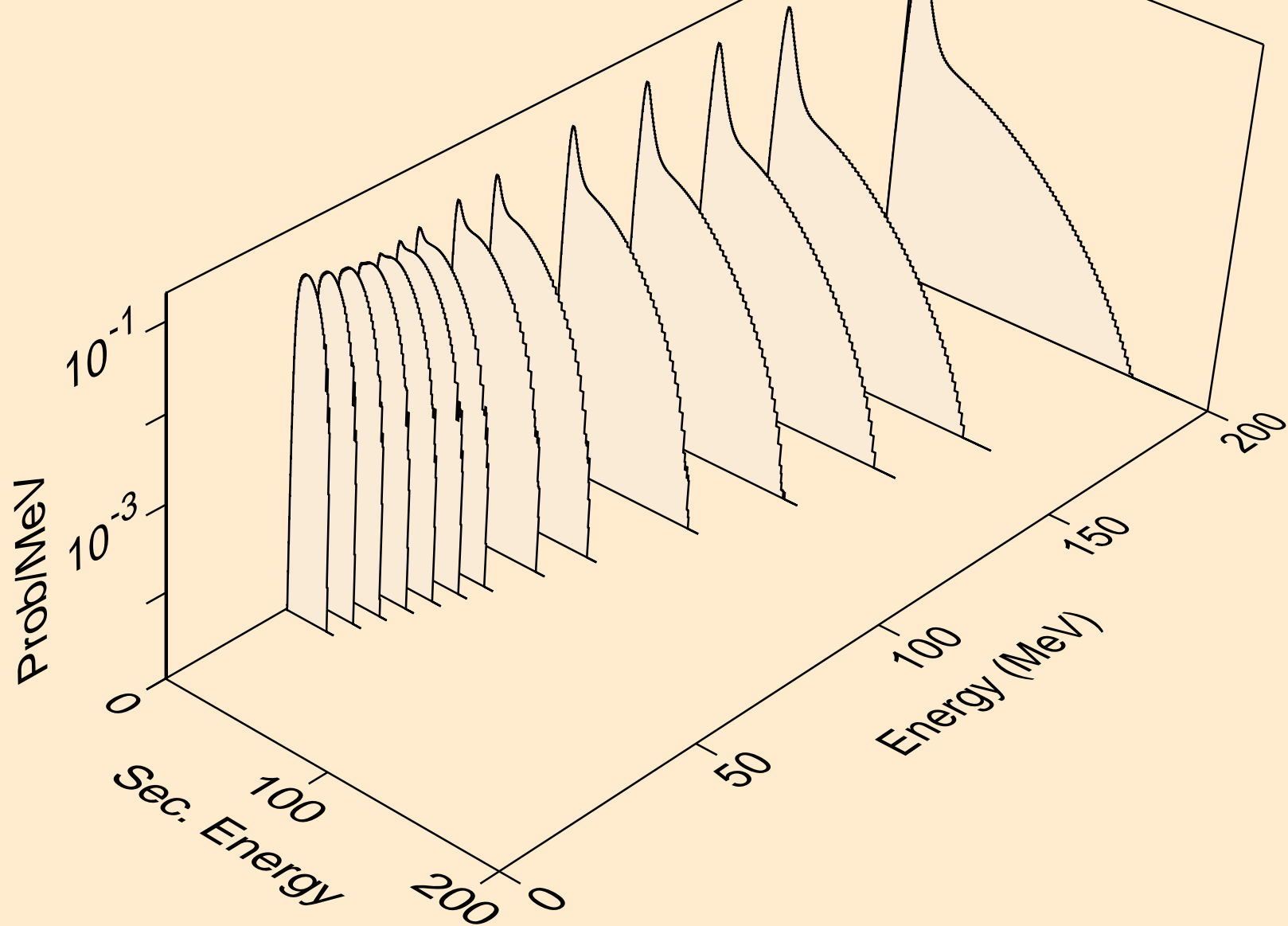


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neutrons from (a,n2p)

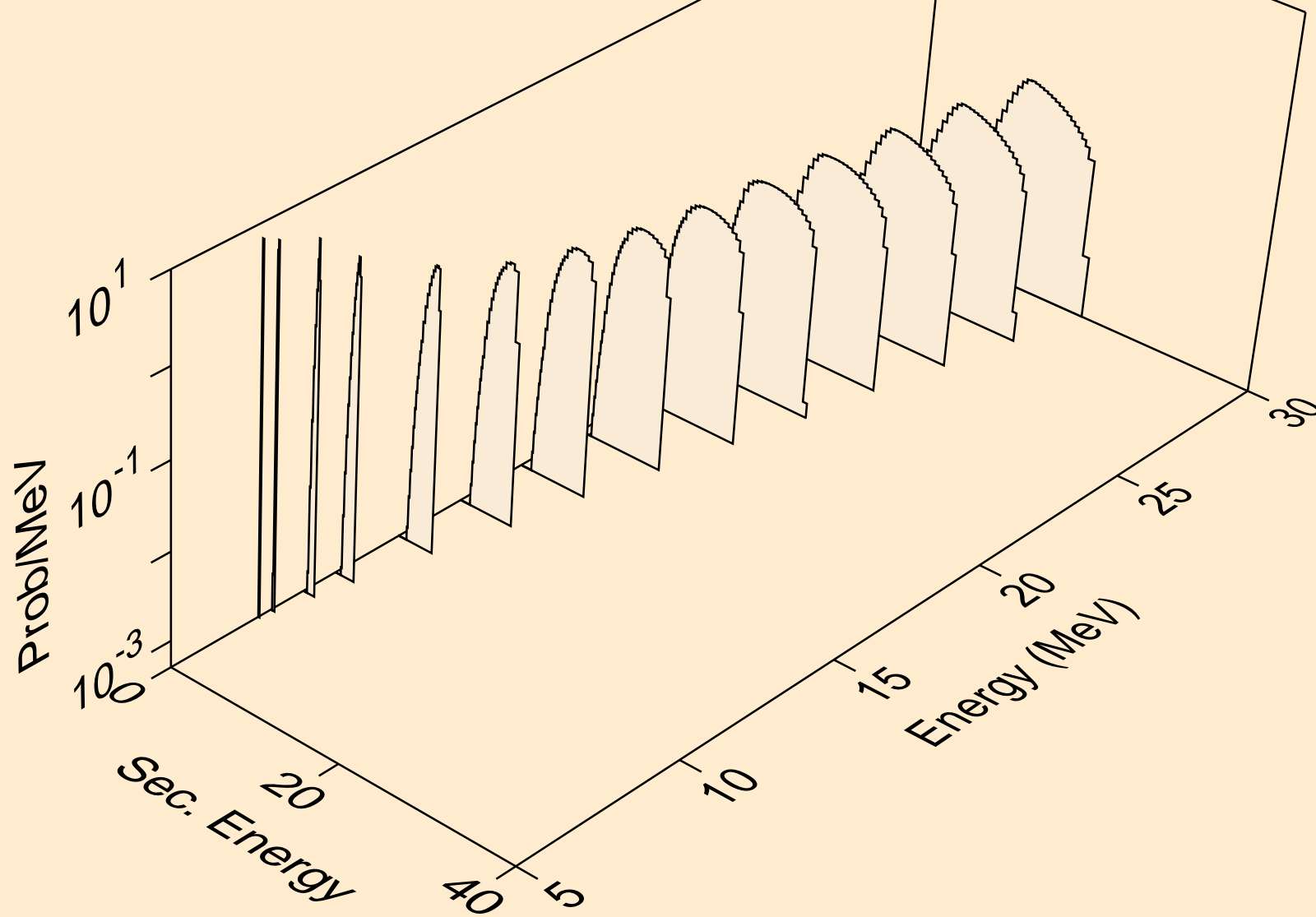




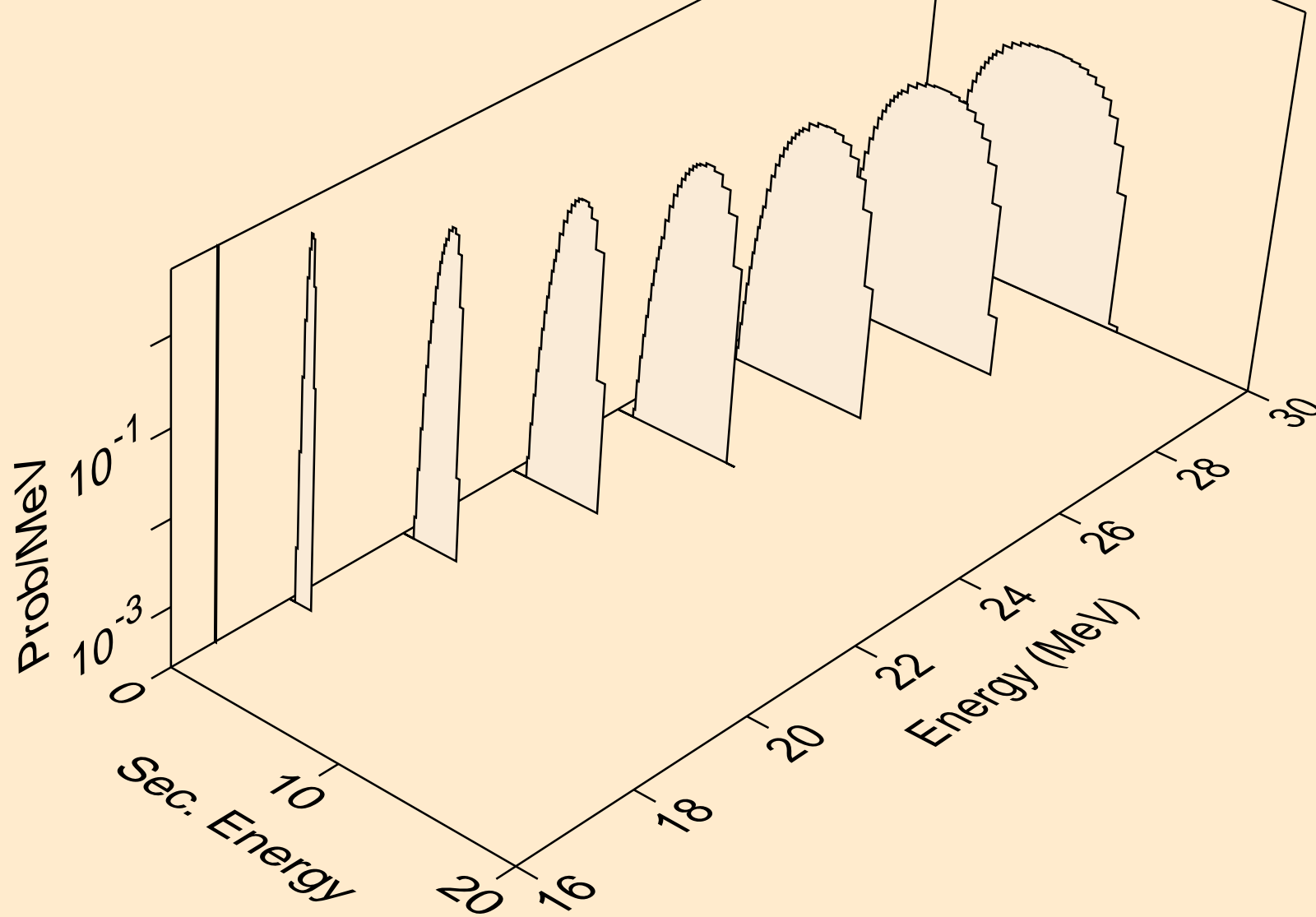
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



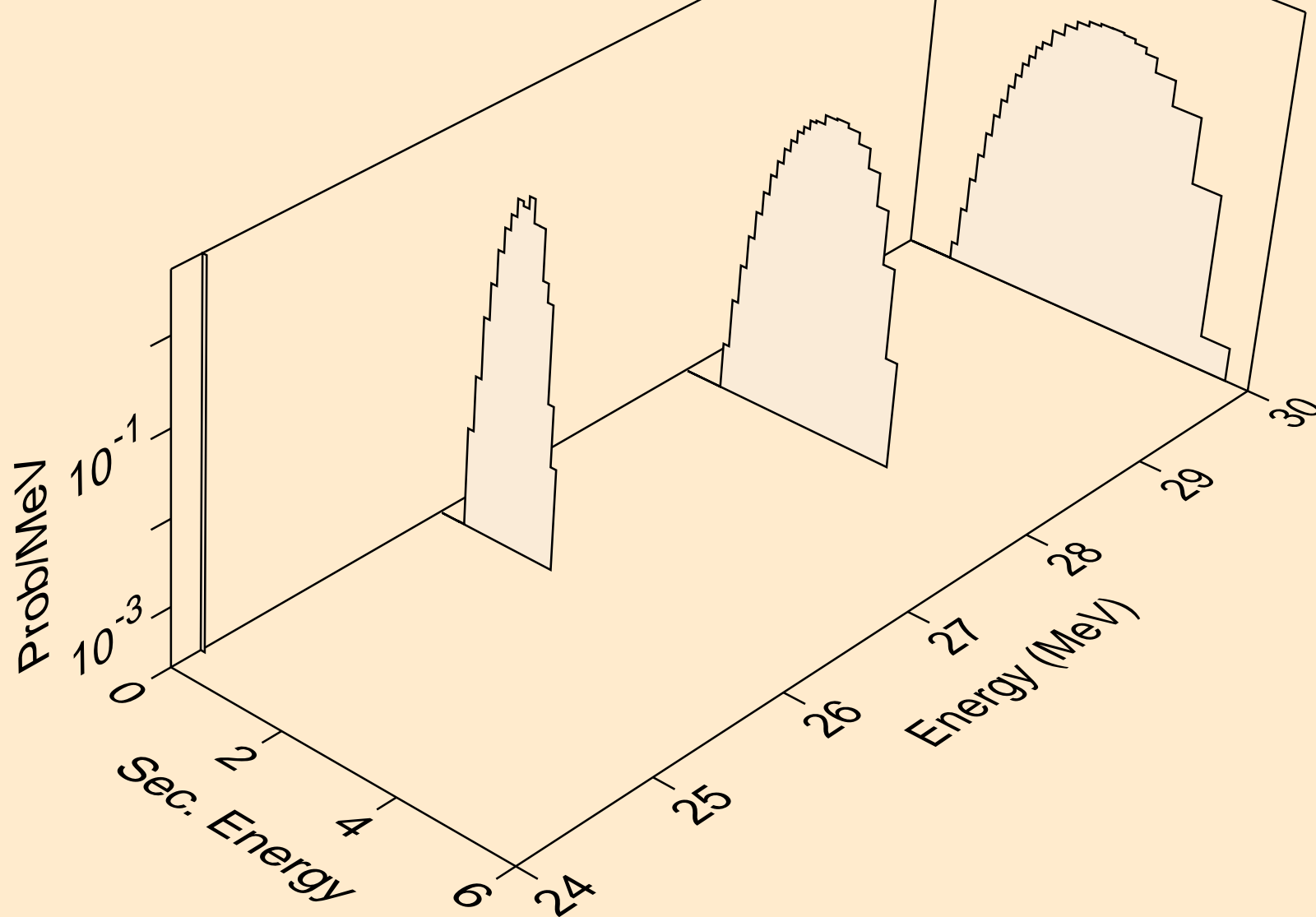
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protons from (a,n\*)p



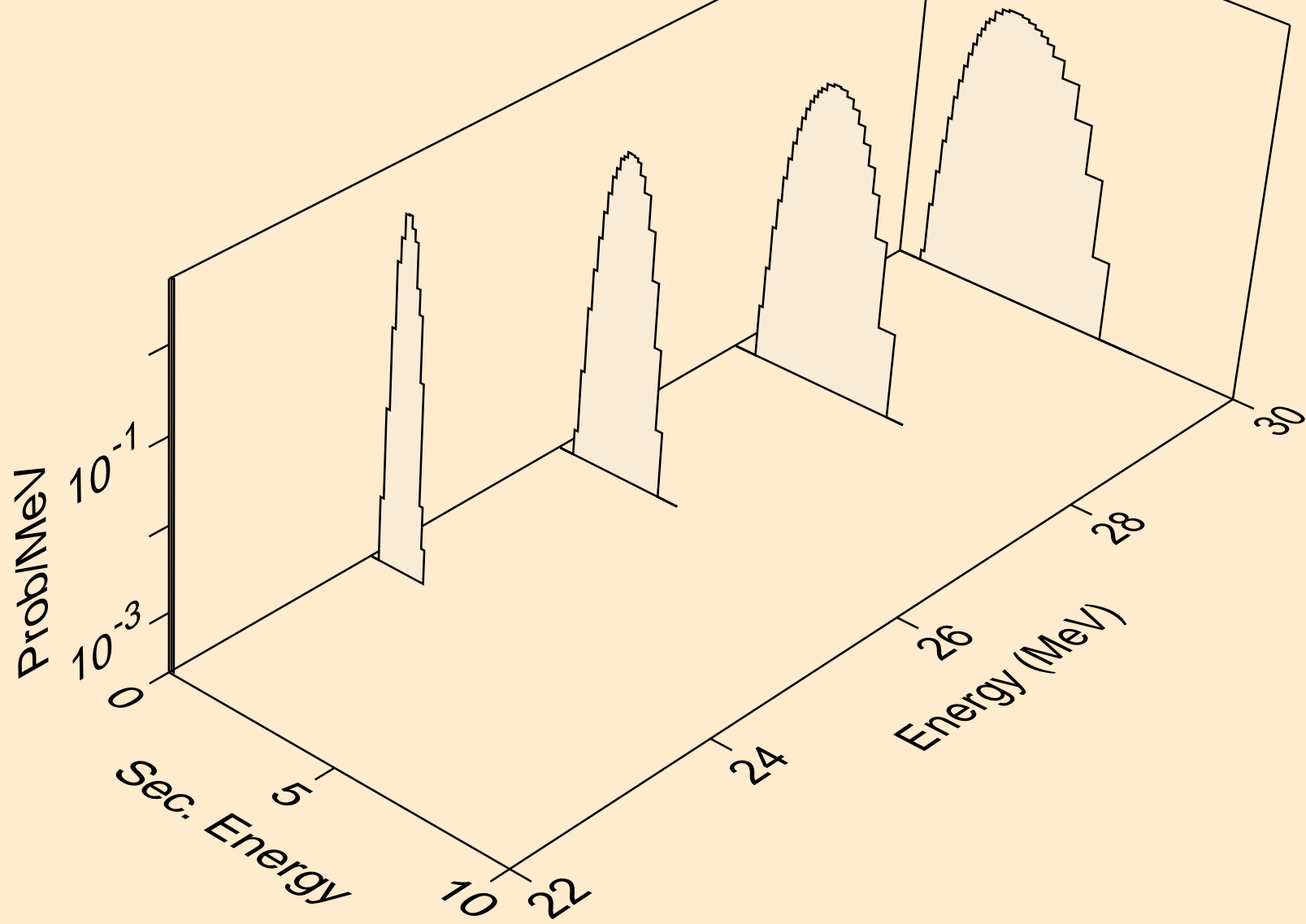
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protons from (a,2np)



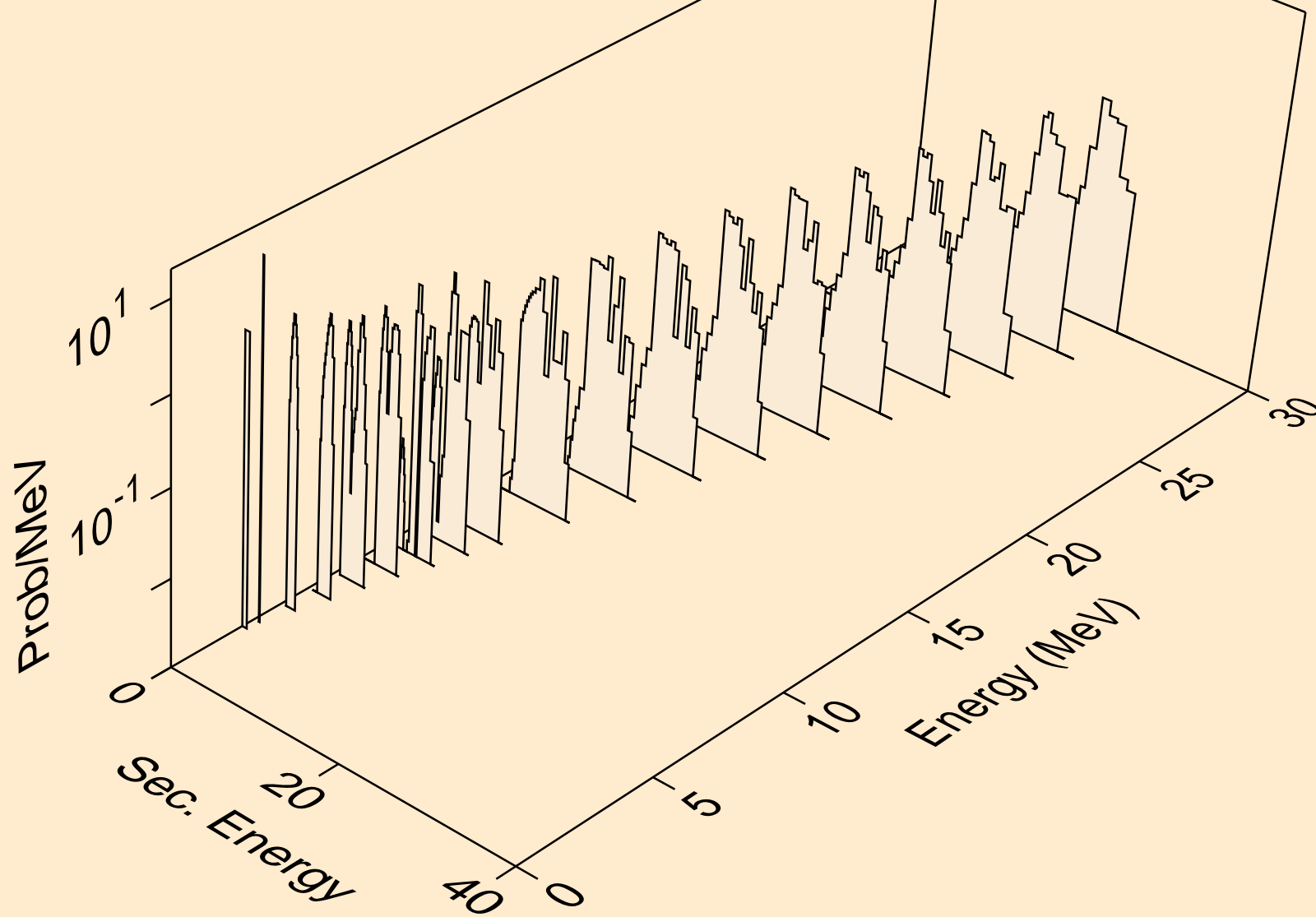
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protons from (a,3np)



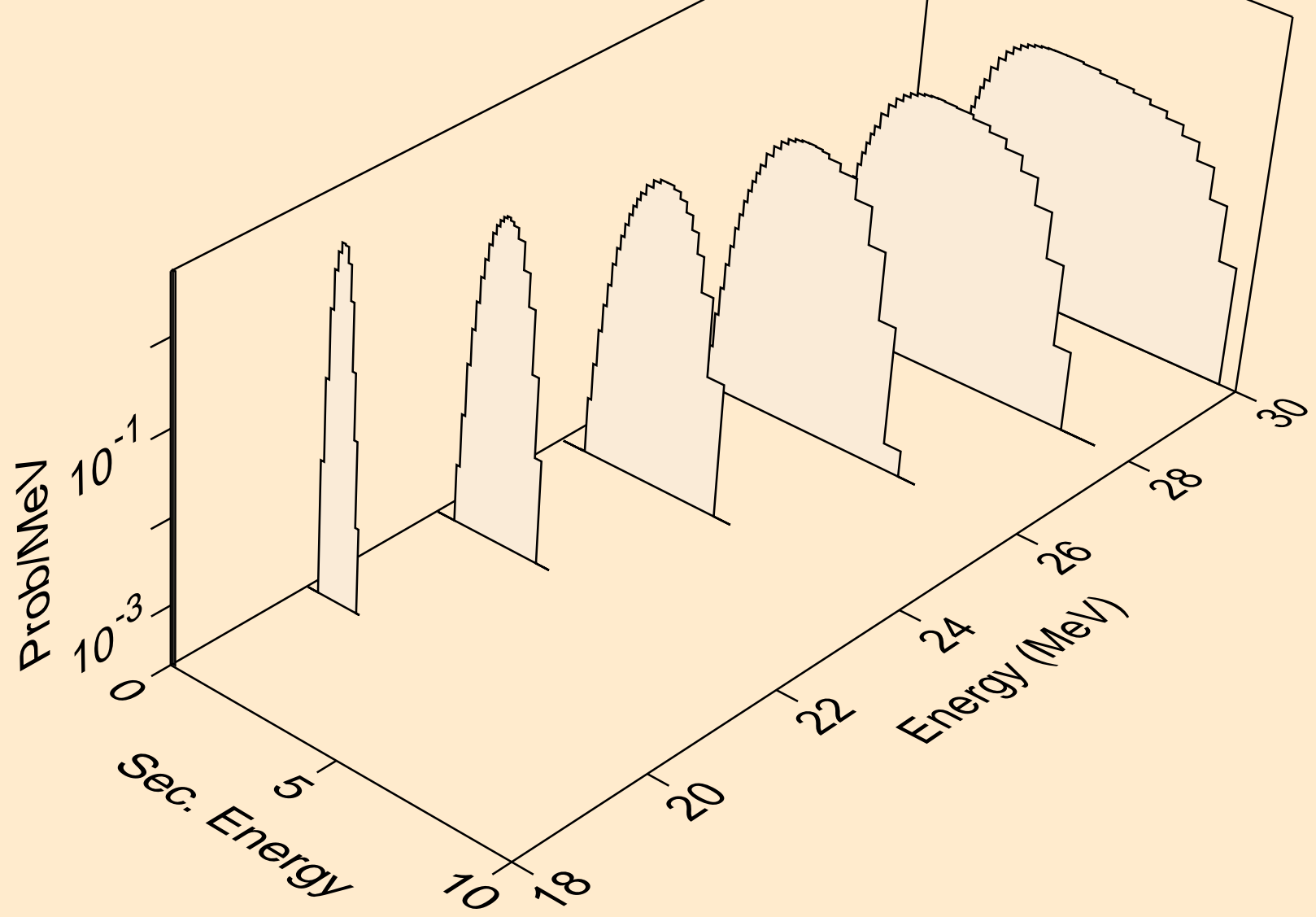
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protons from (a,n2p)



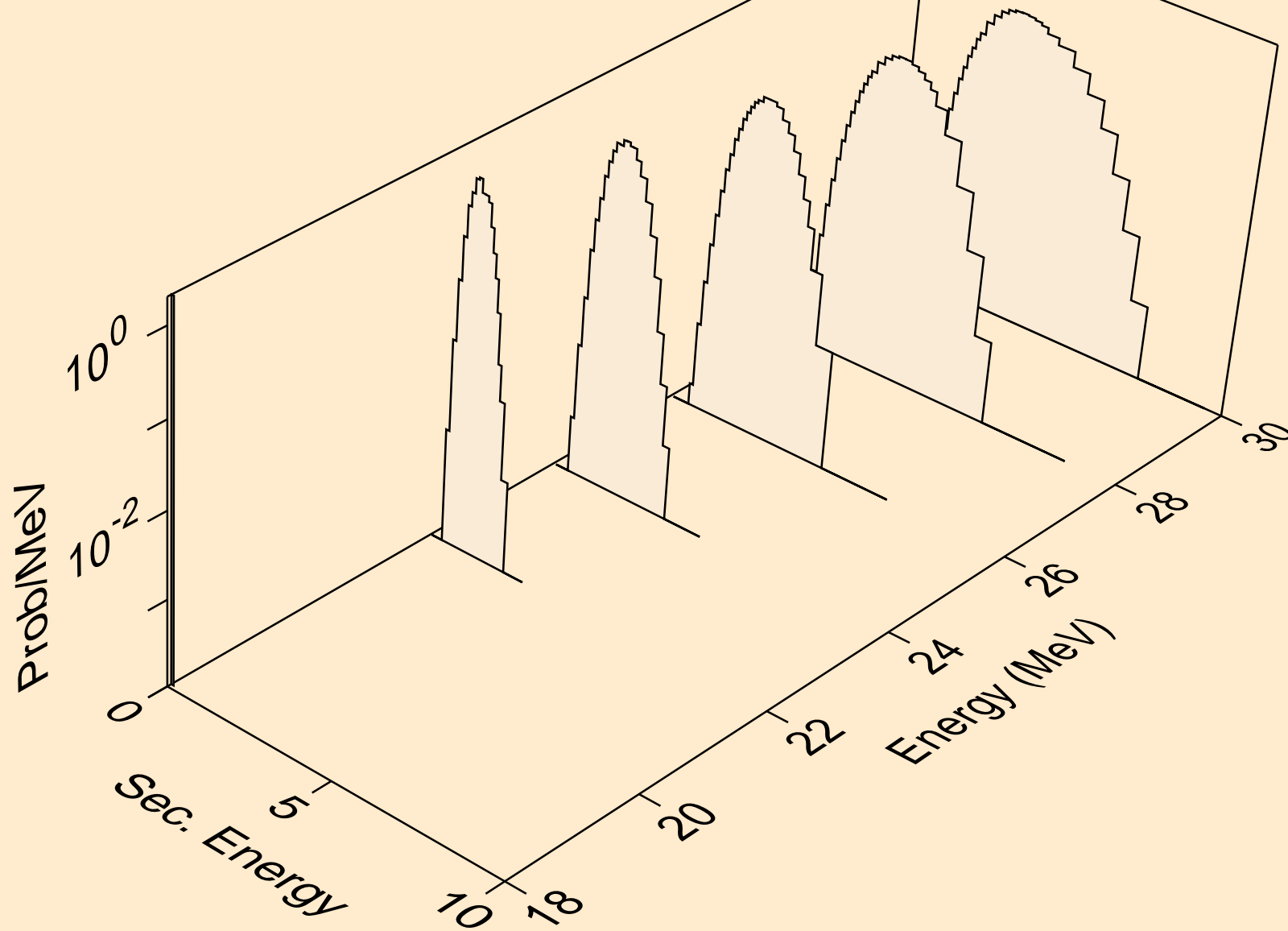
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)

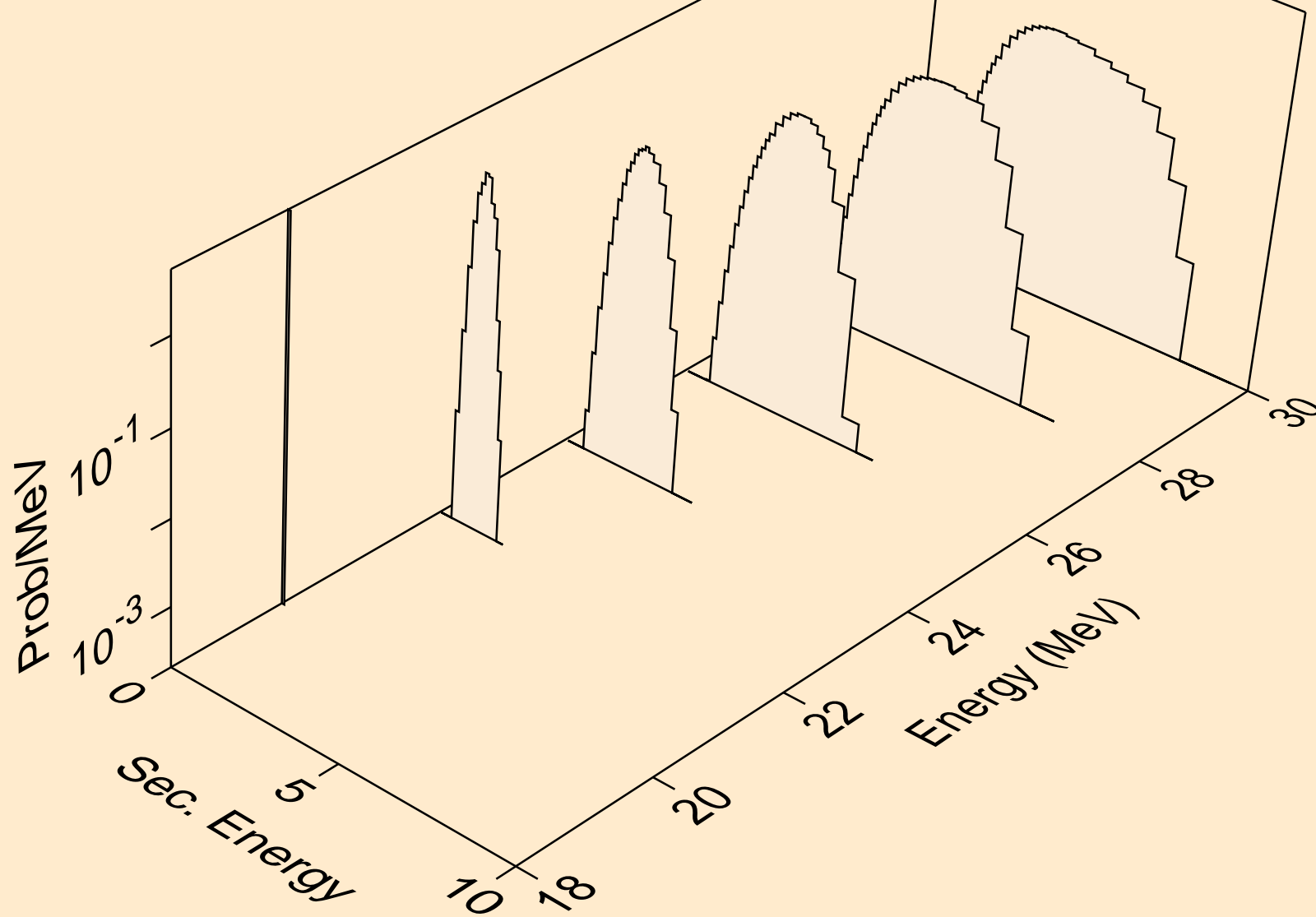


AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)

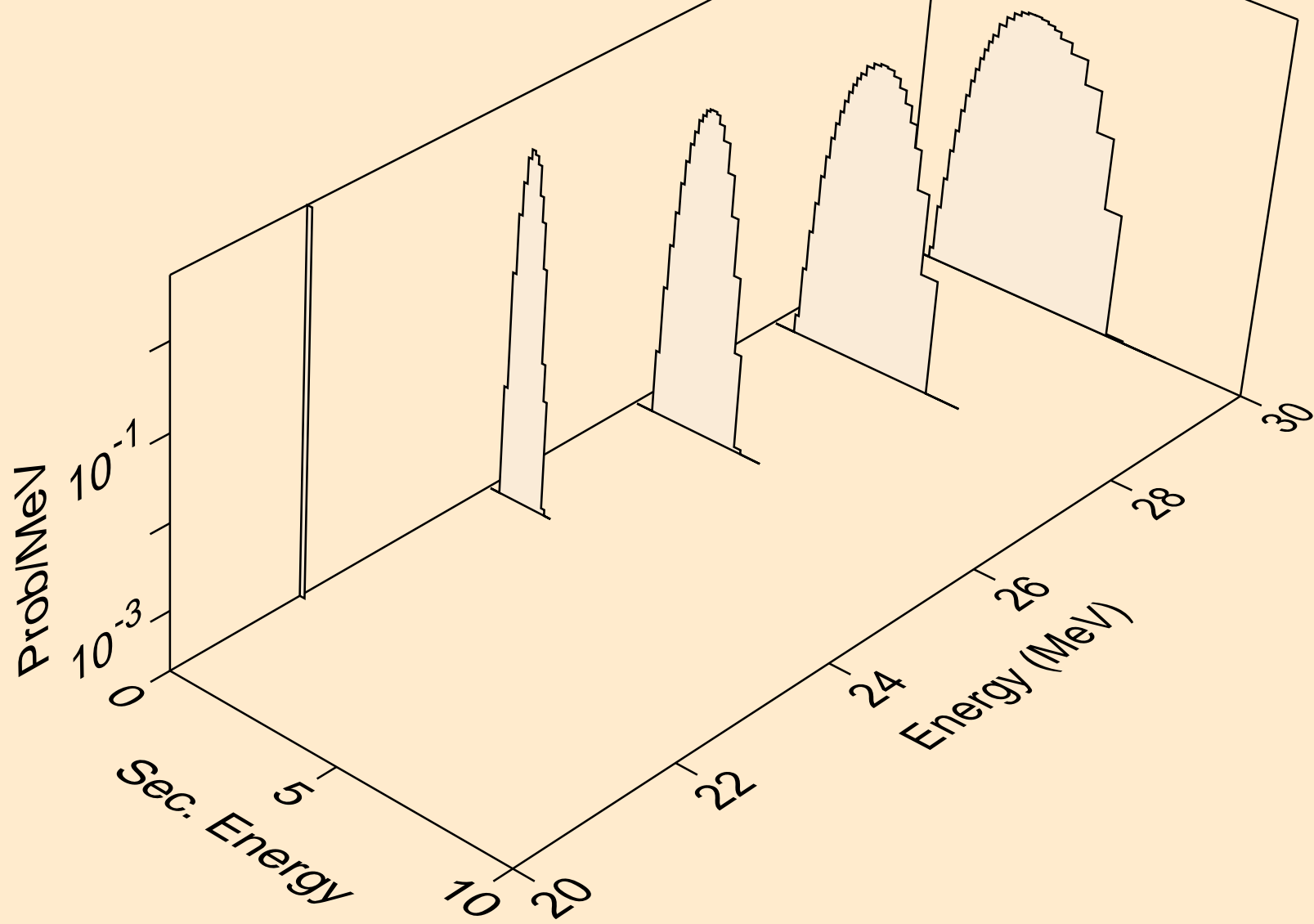




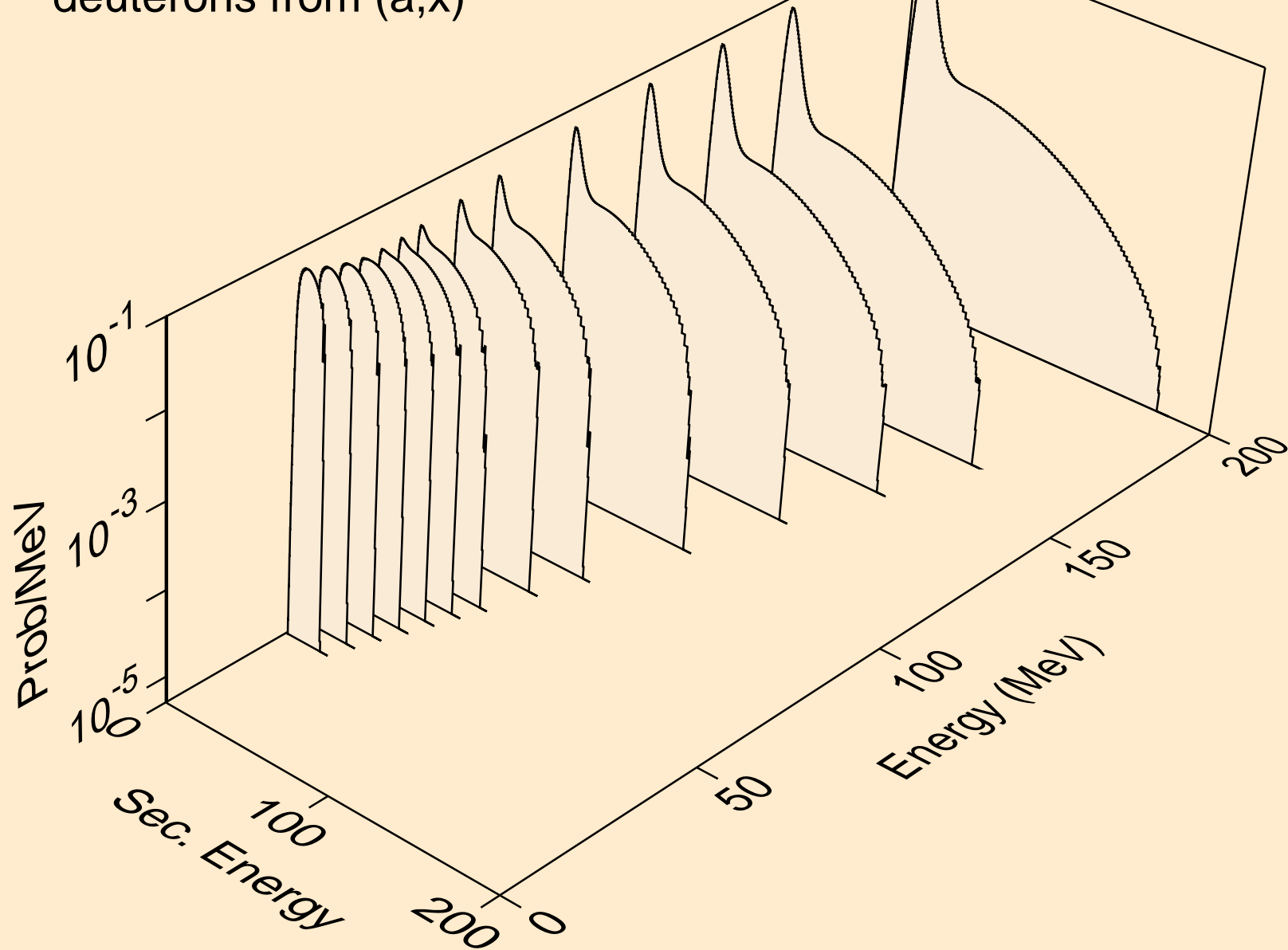
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



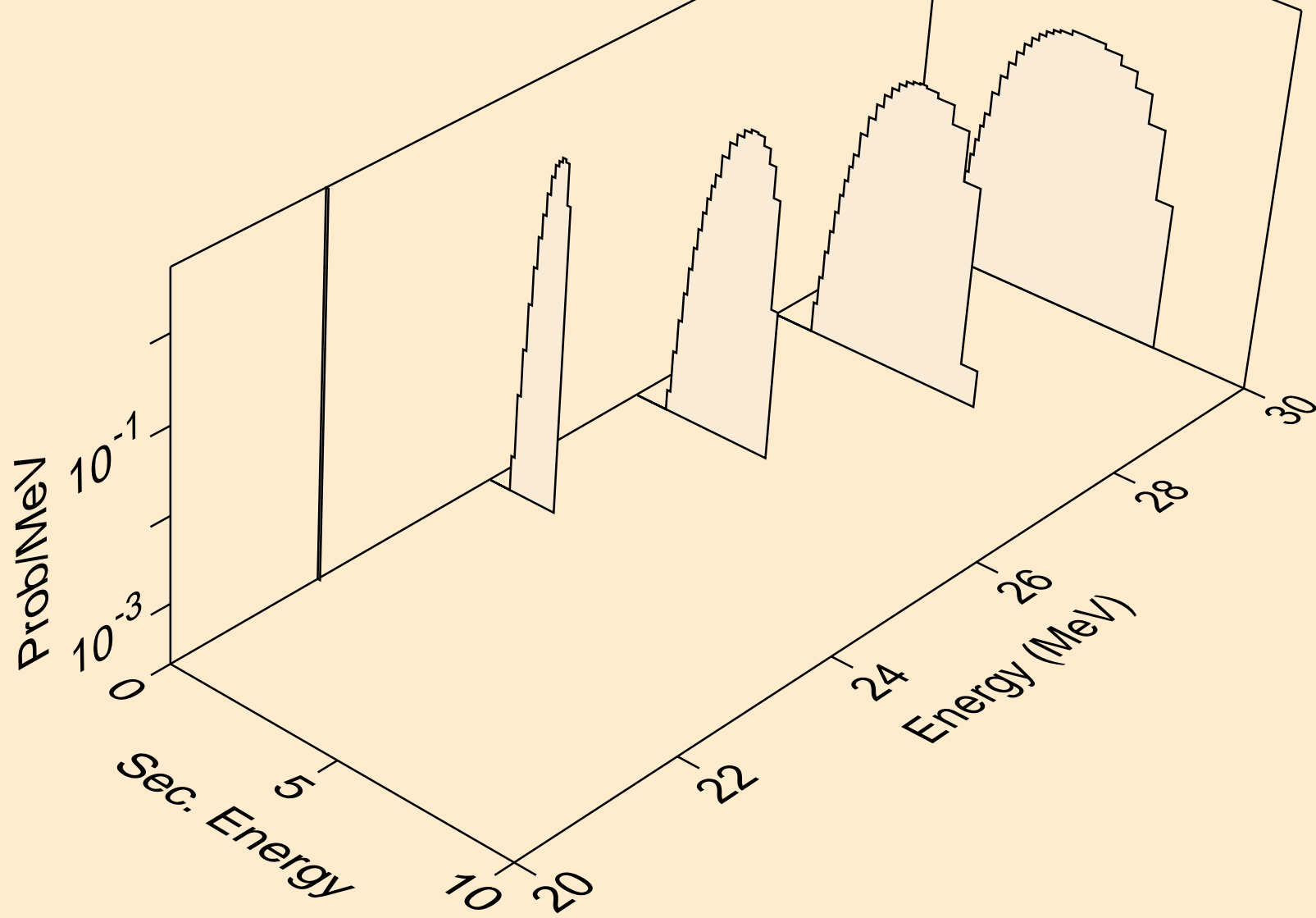
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protons from (a,pt)



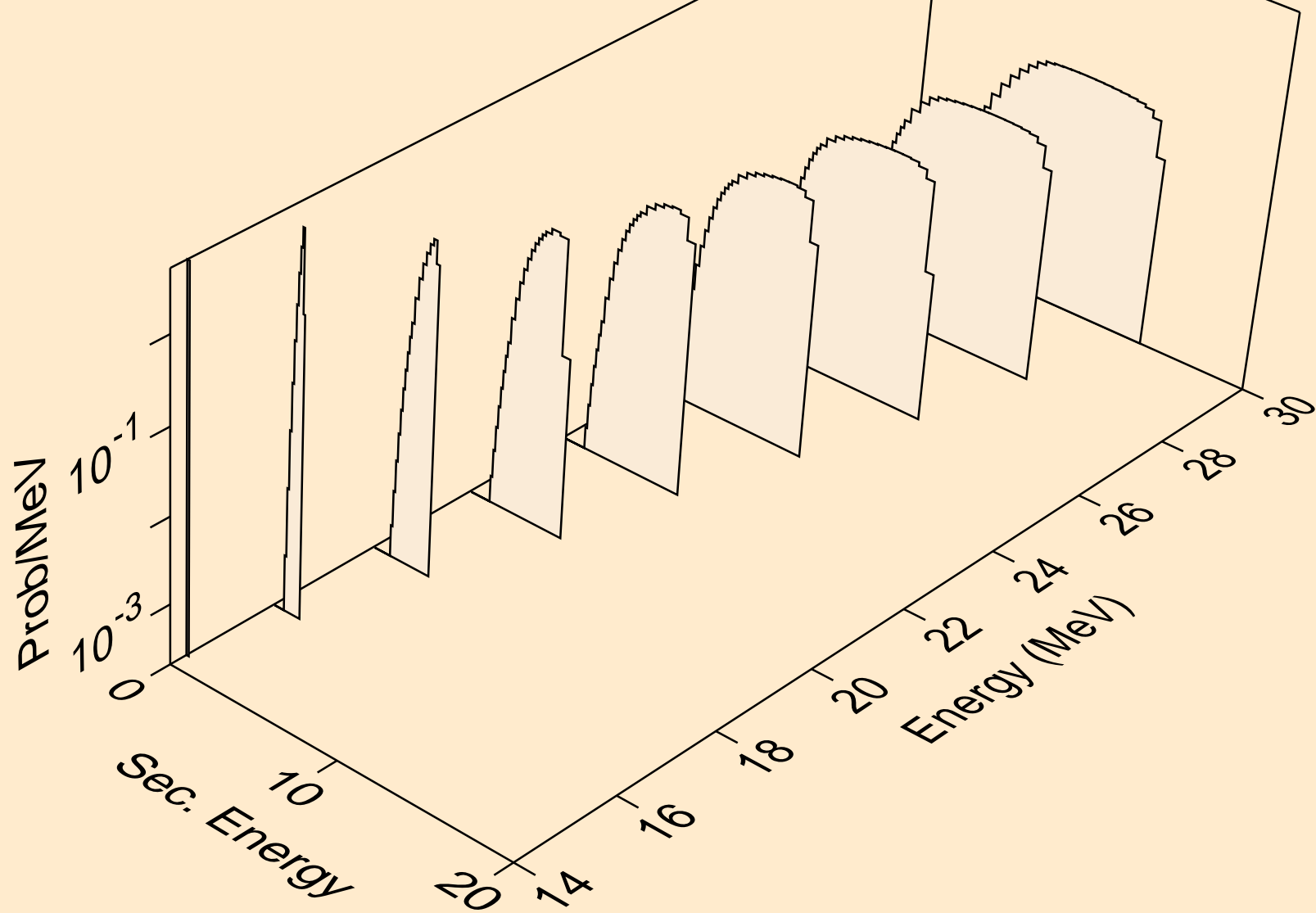
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



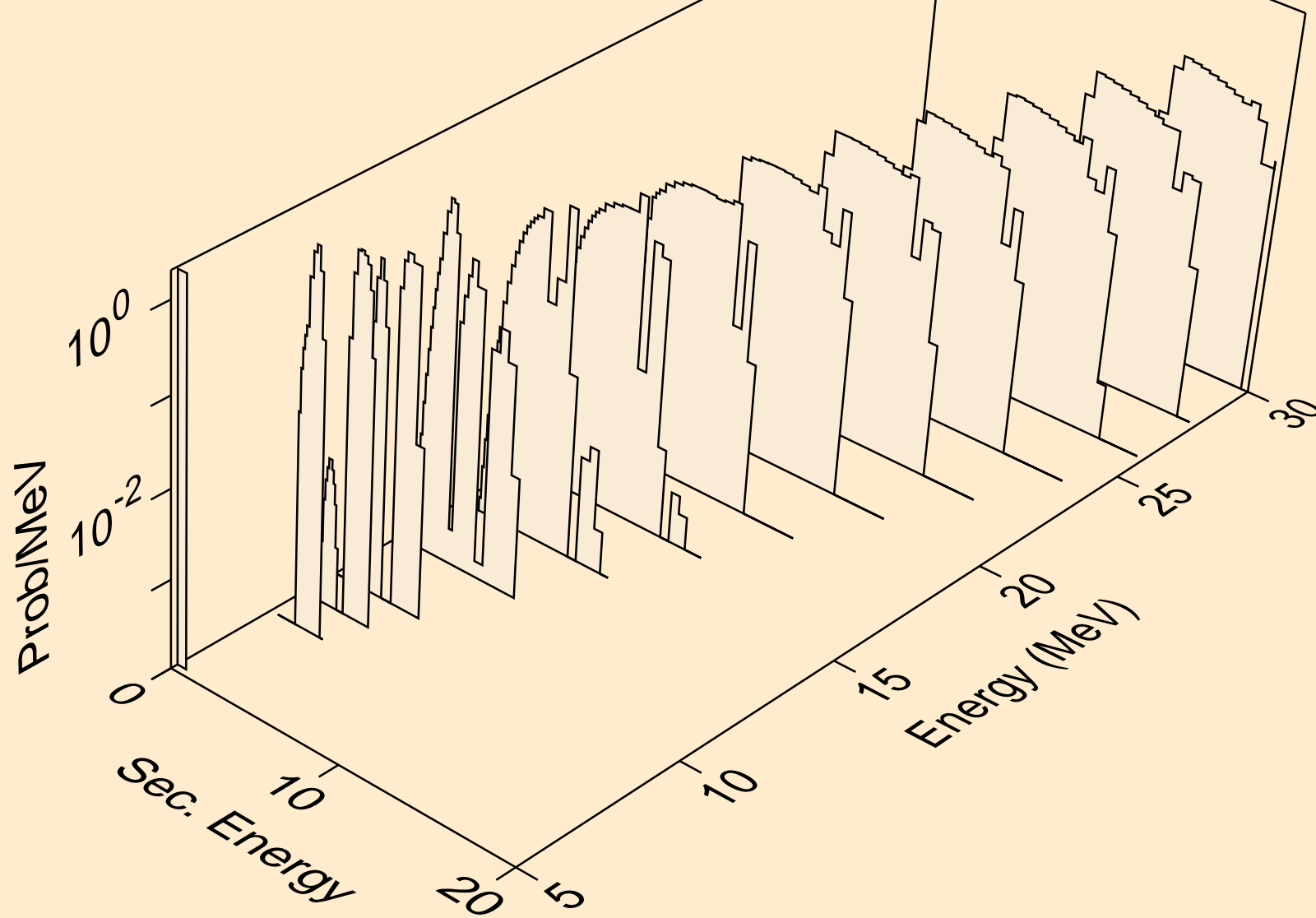
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deuterons from (a,2nd)



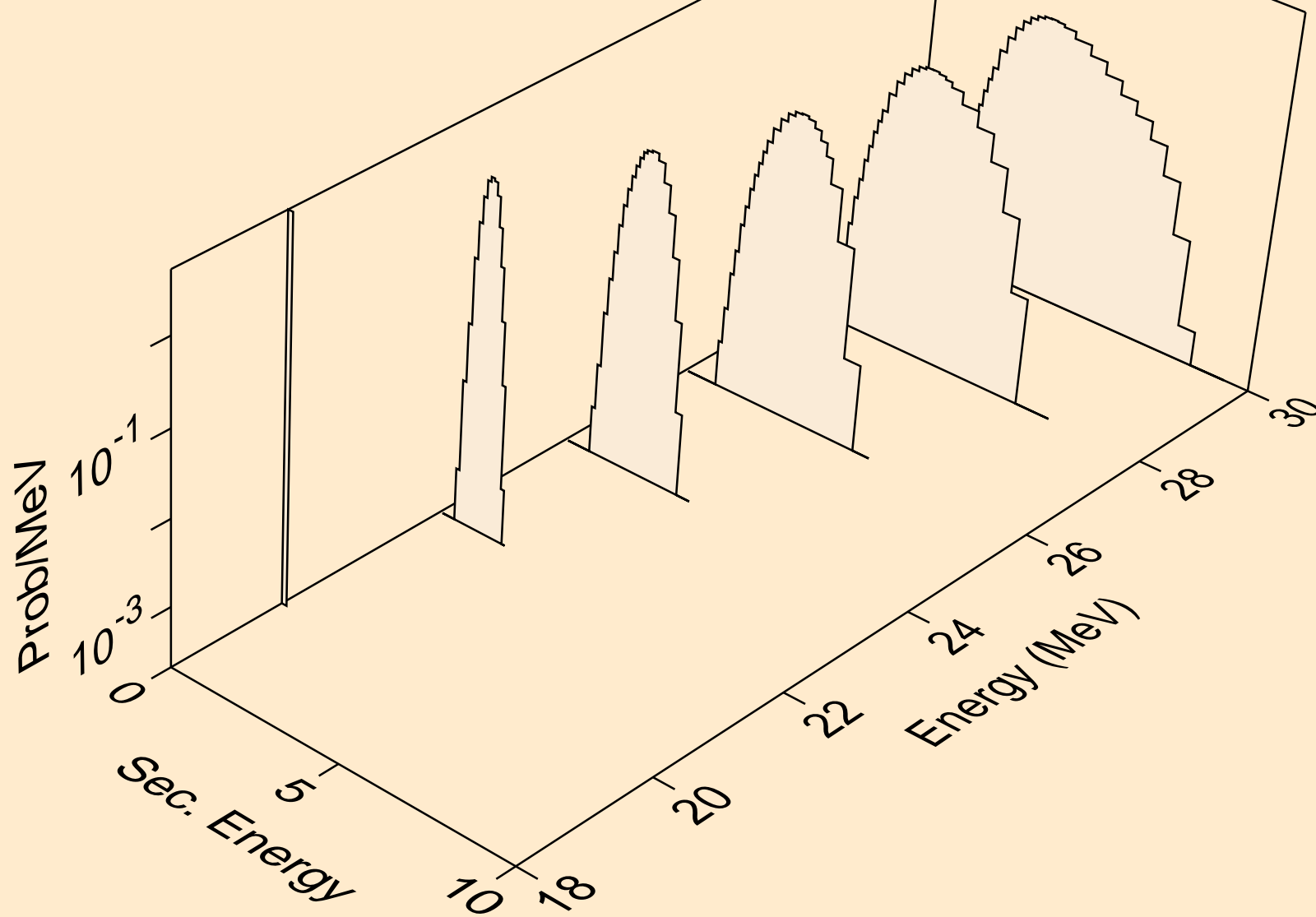
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deuterons from (a,n\*)d



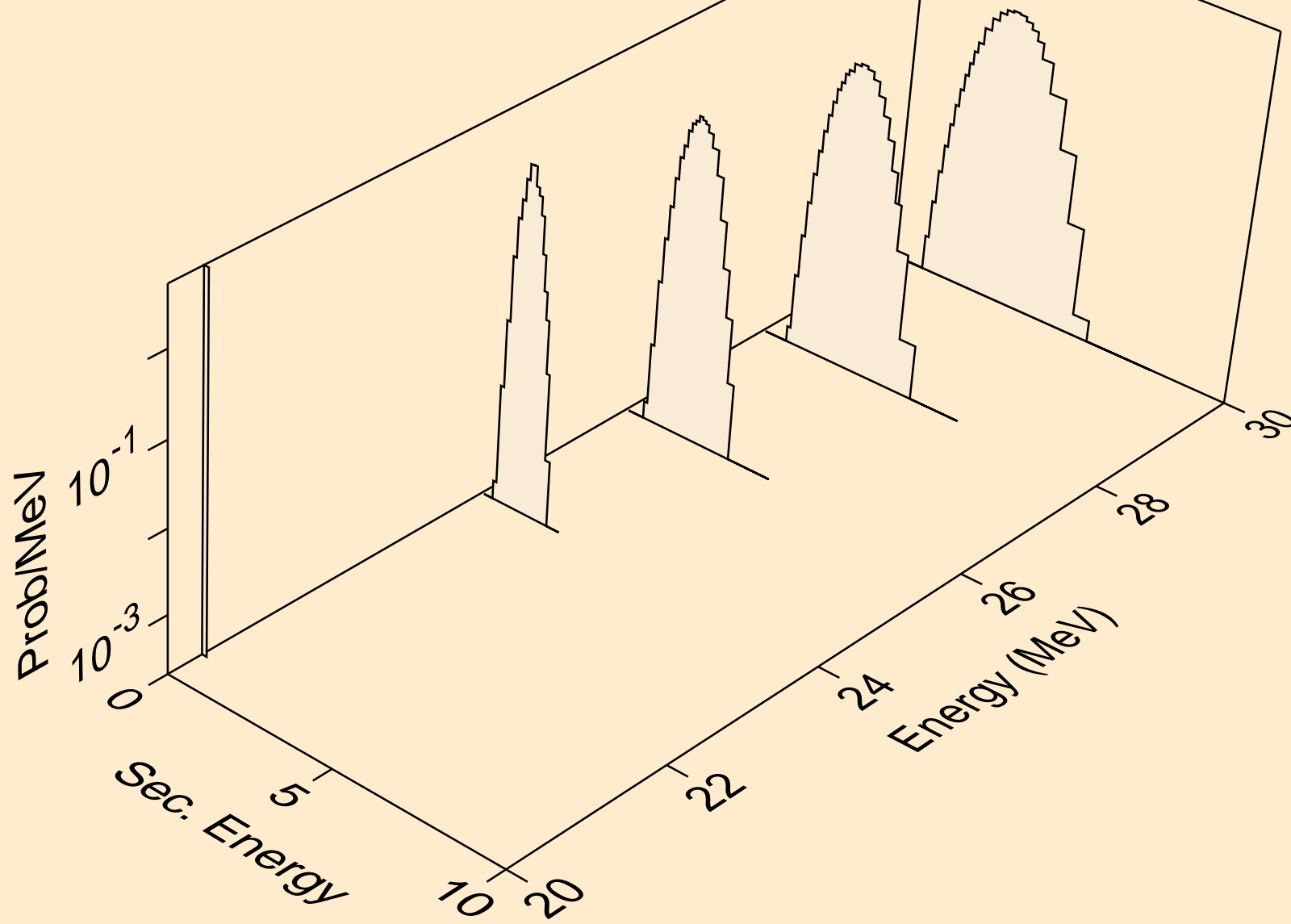
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)

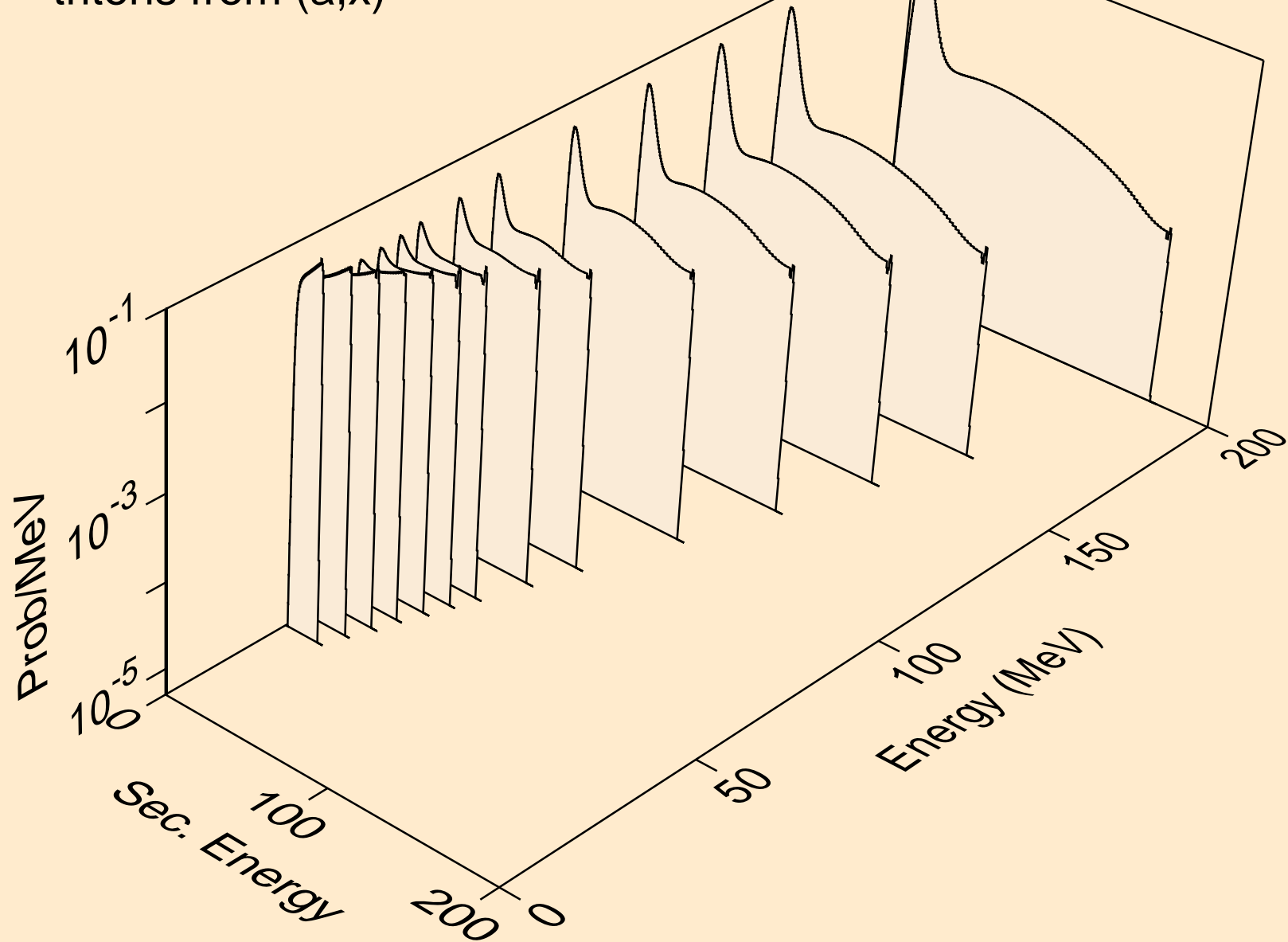


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deuterons from (a,da)

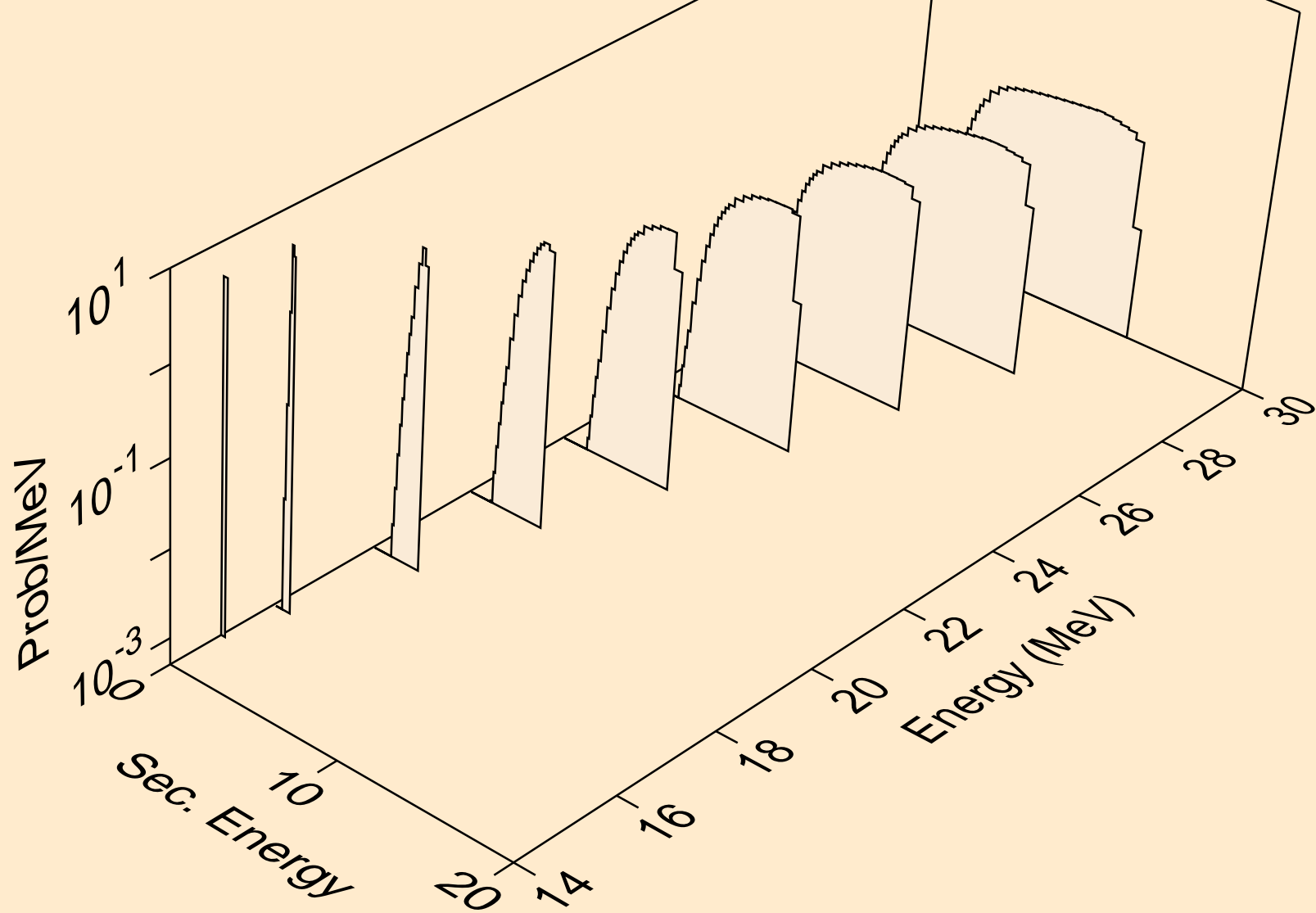




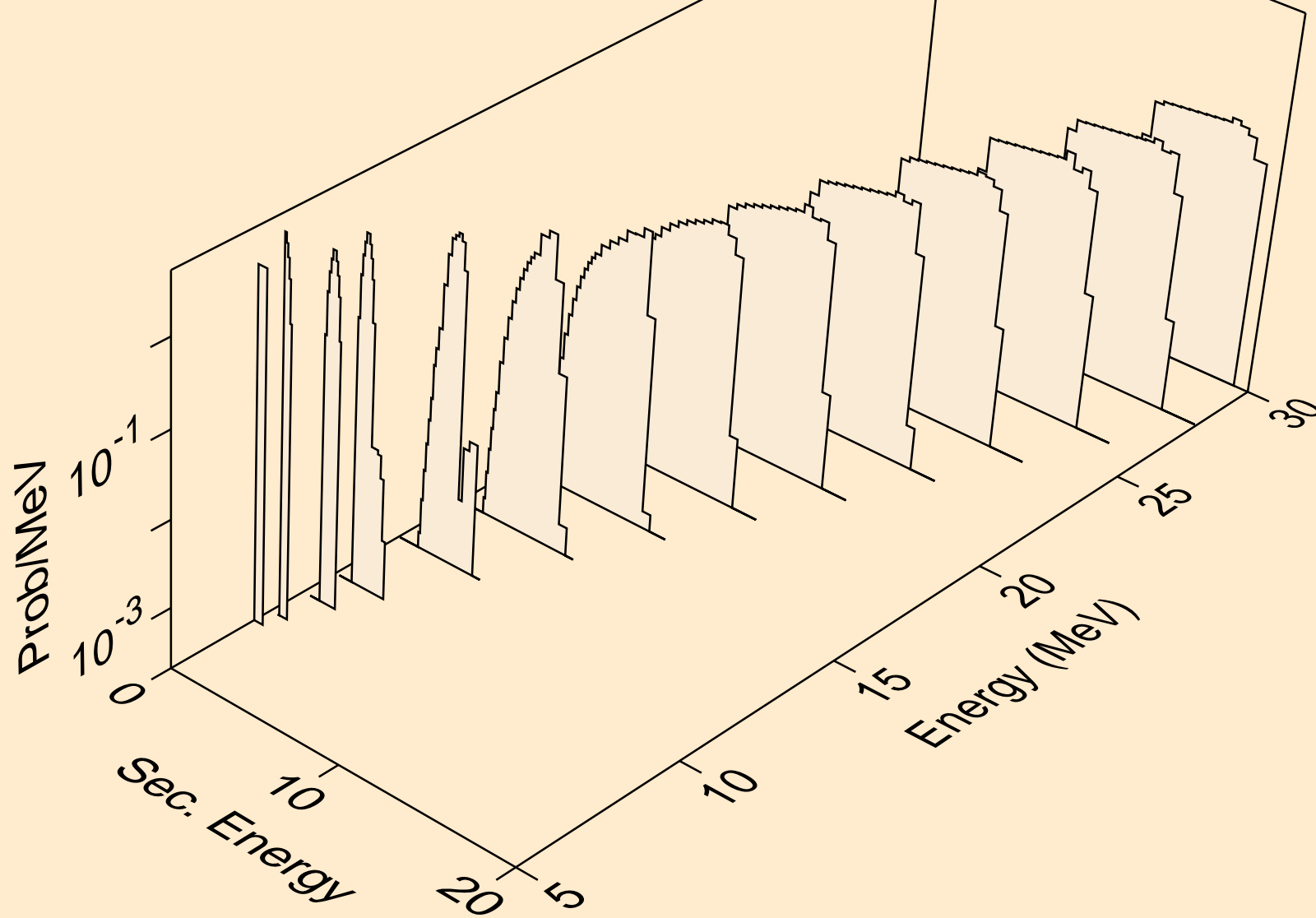
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



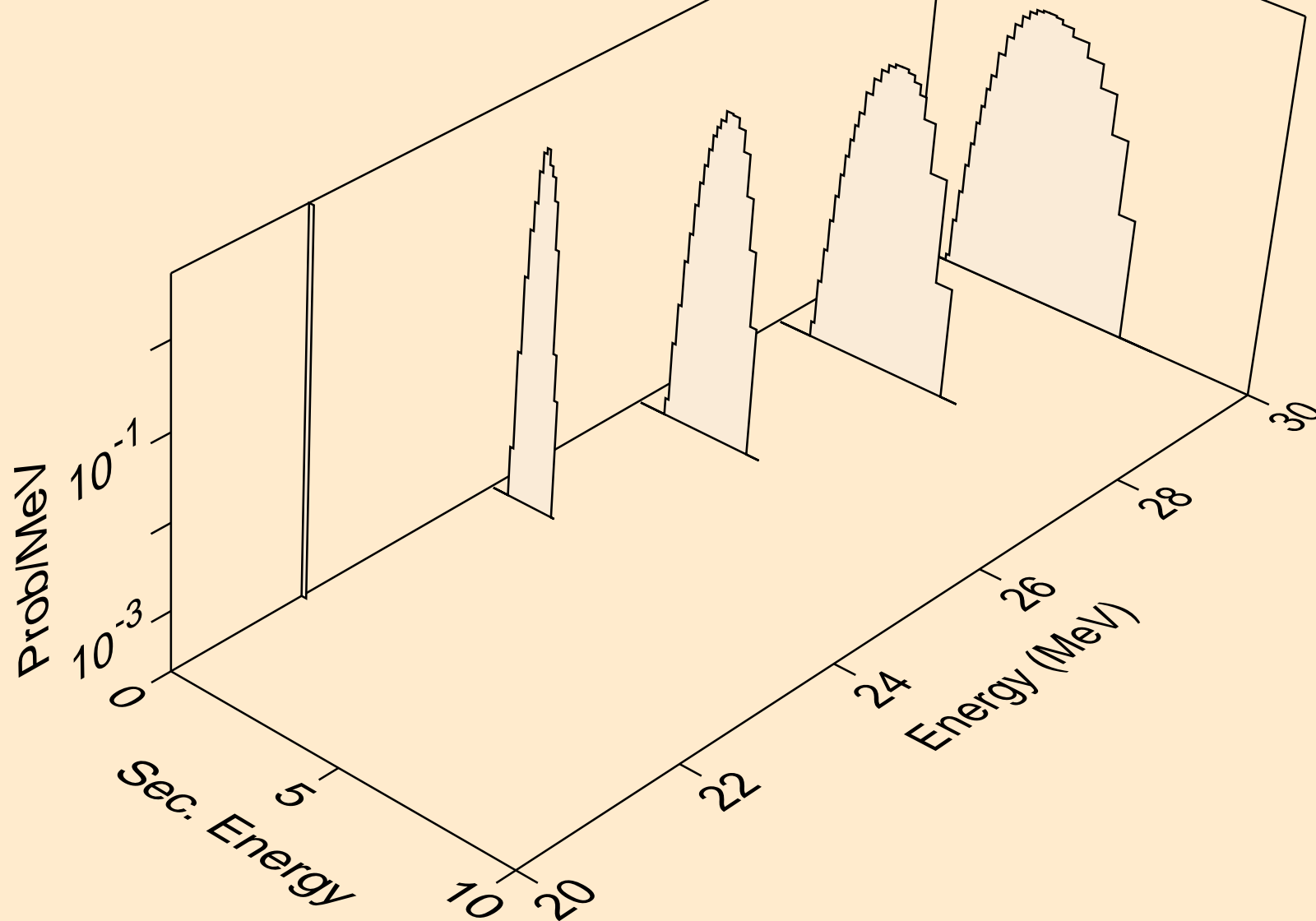
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



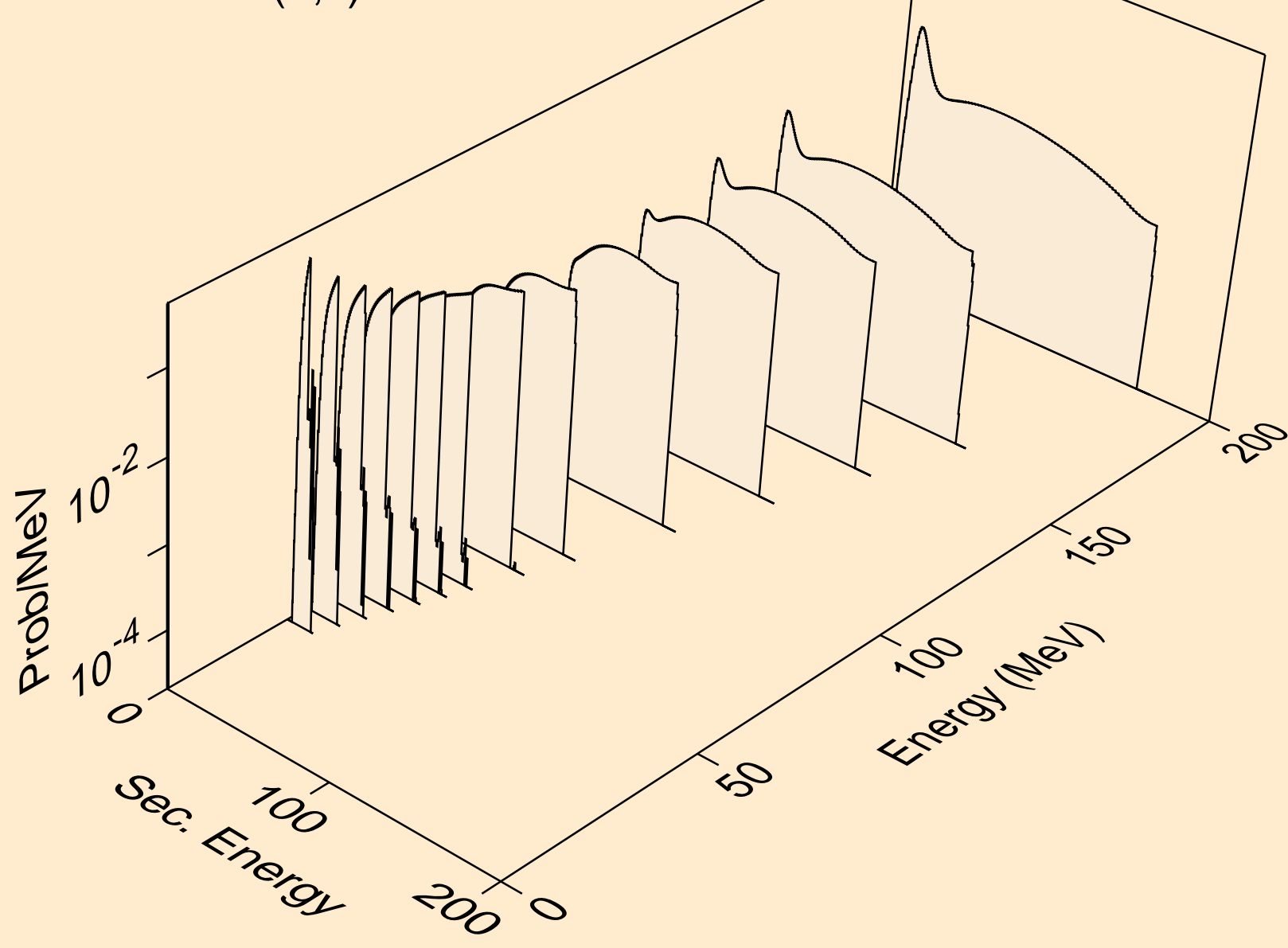
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tritons from (a,t)



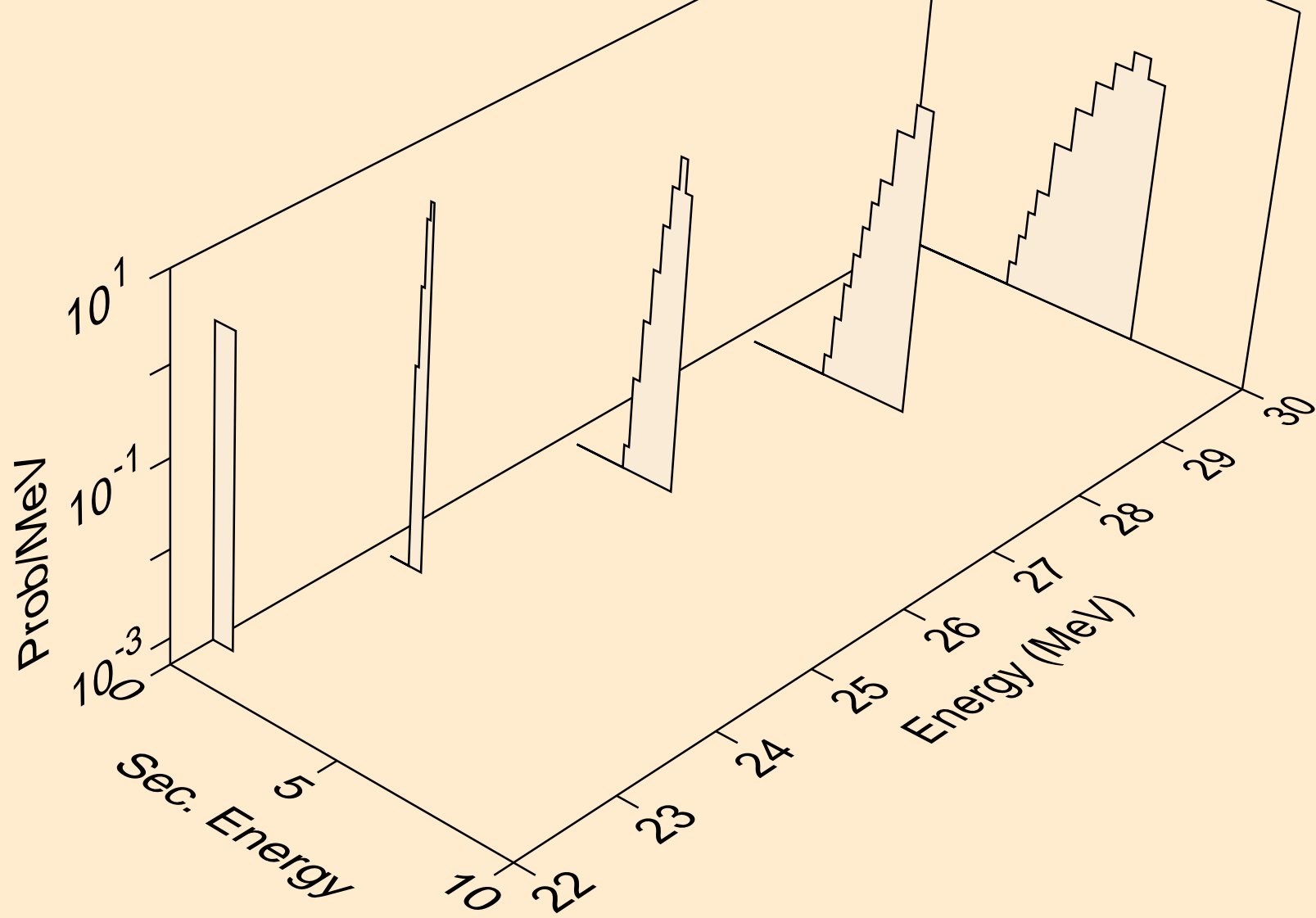
AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



AR045 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

