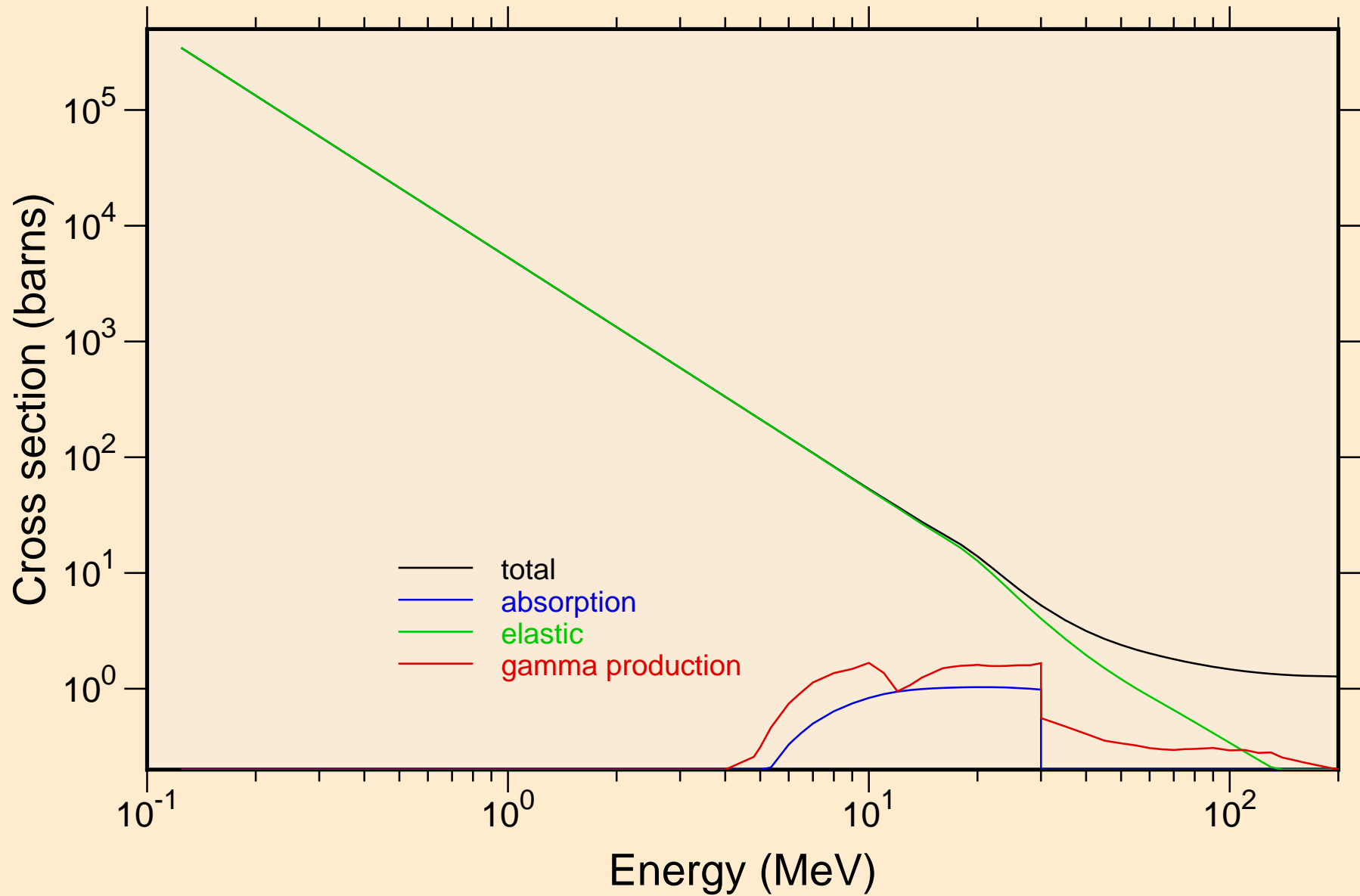
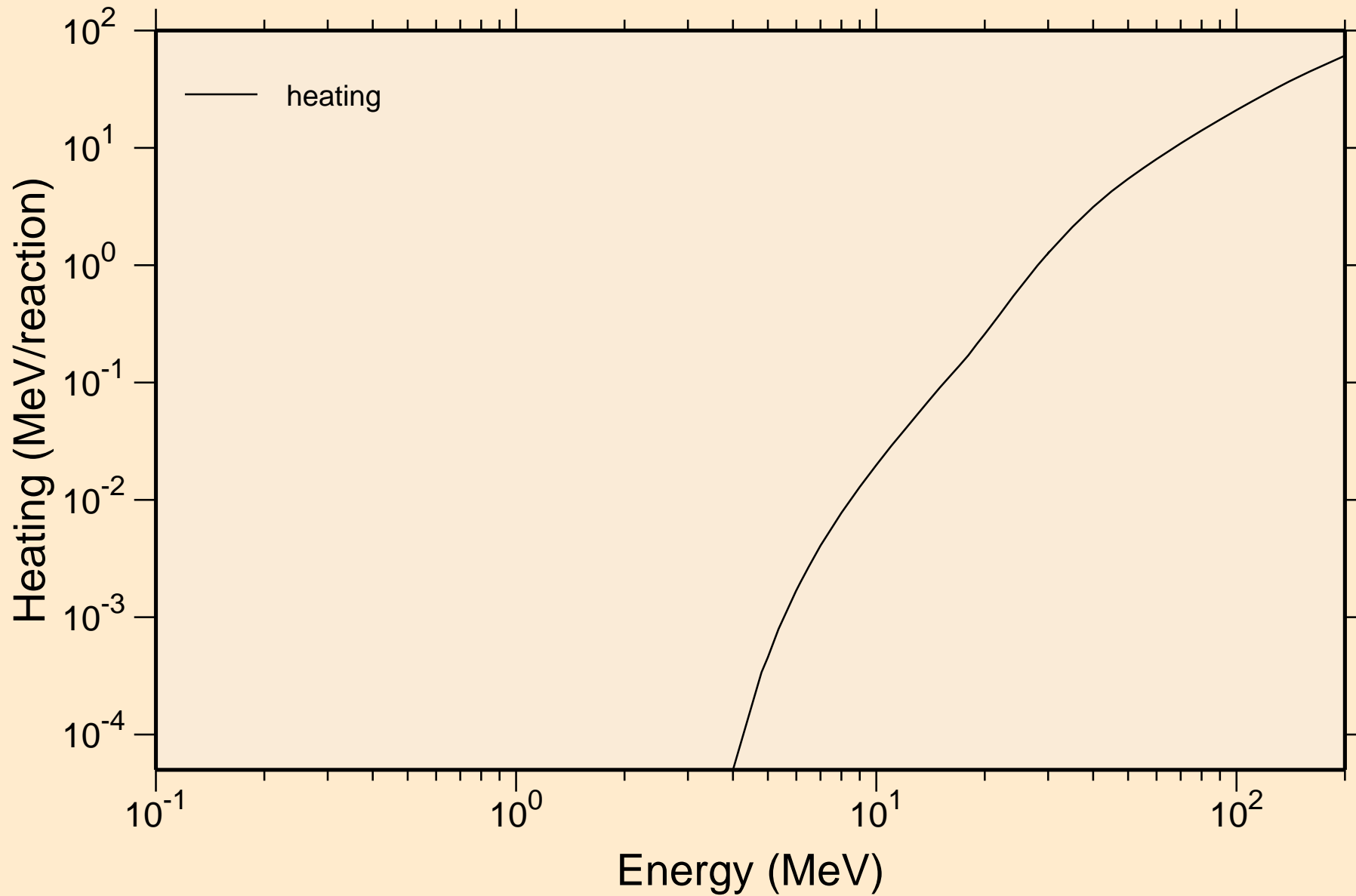


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



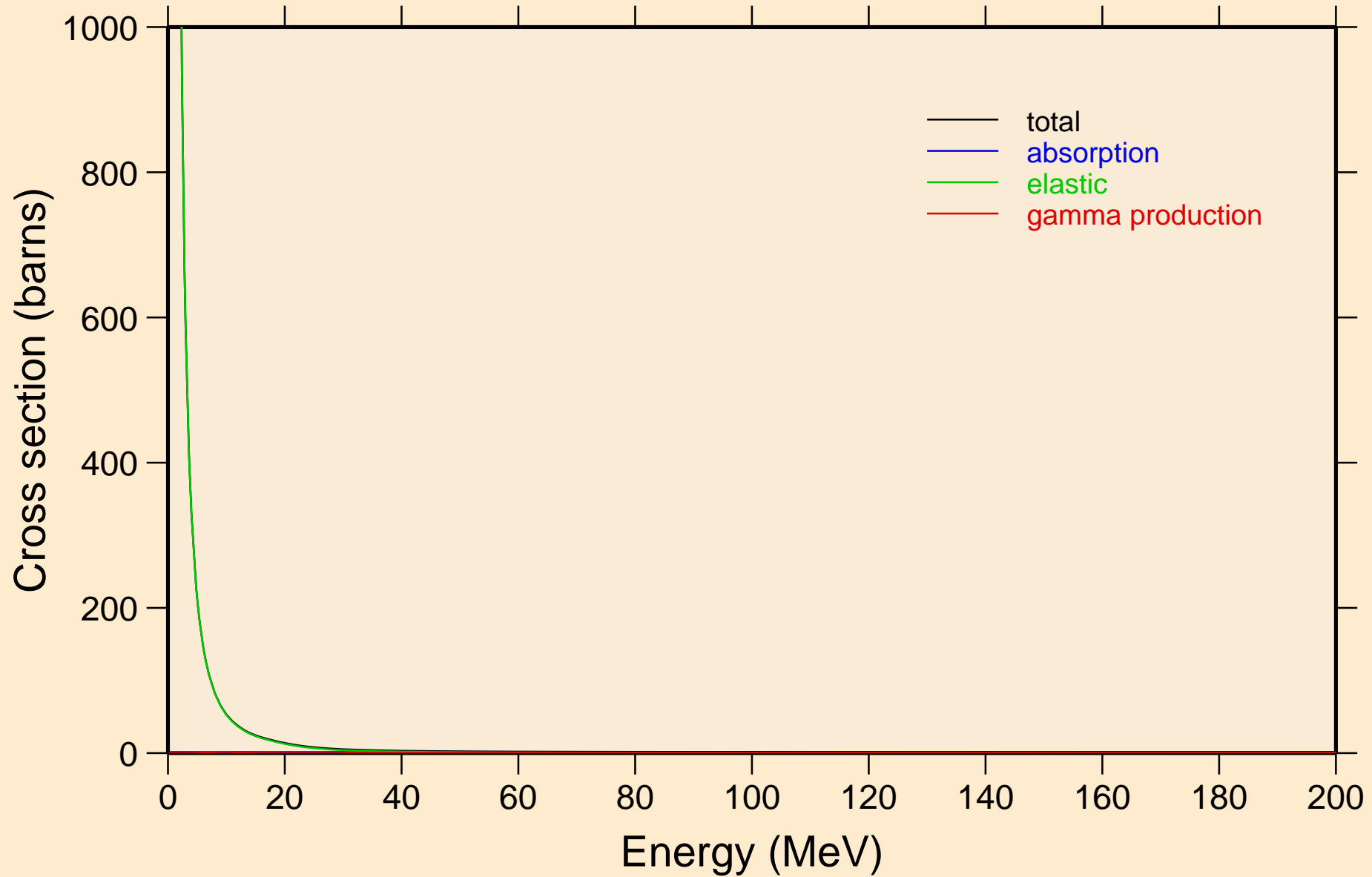
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



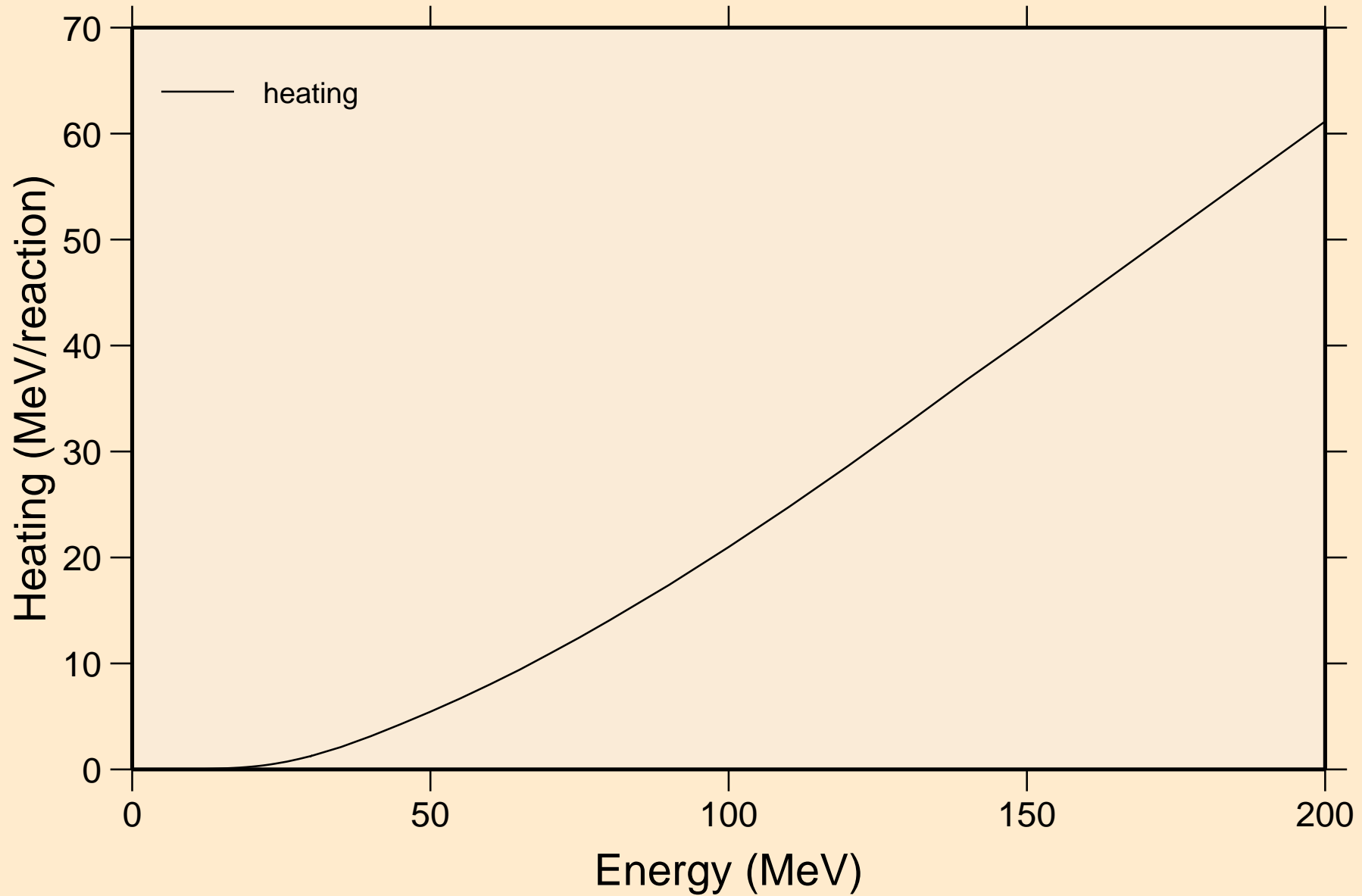
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## Principal cross sections



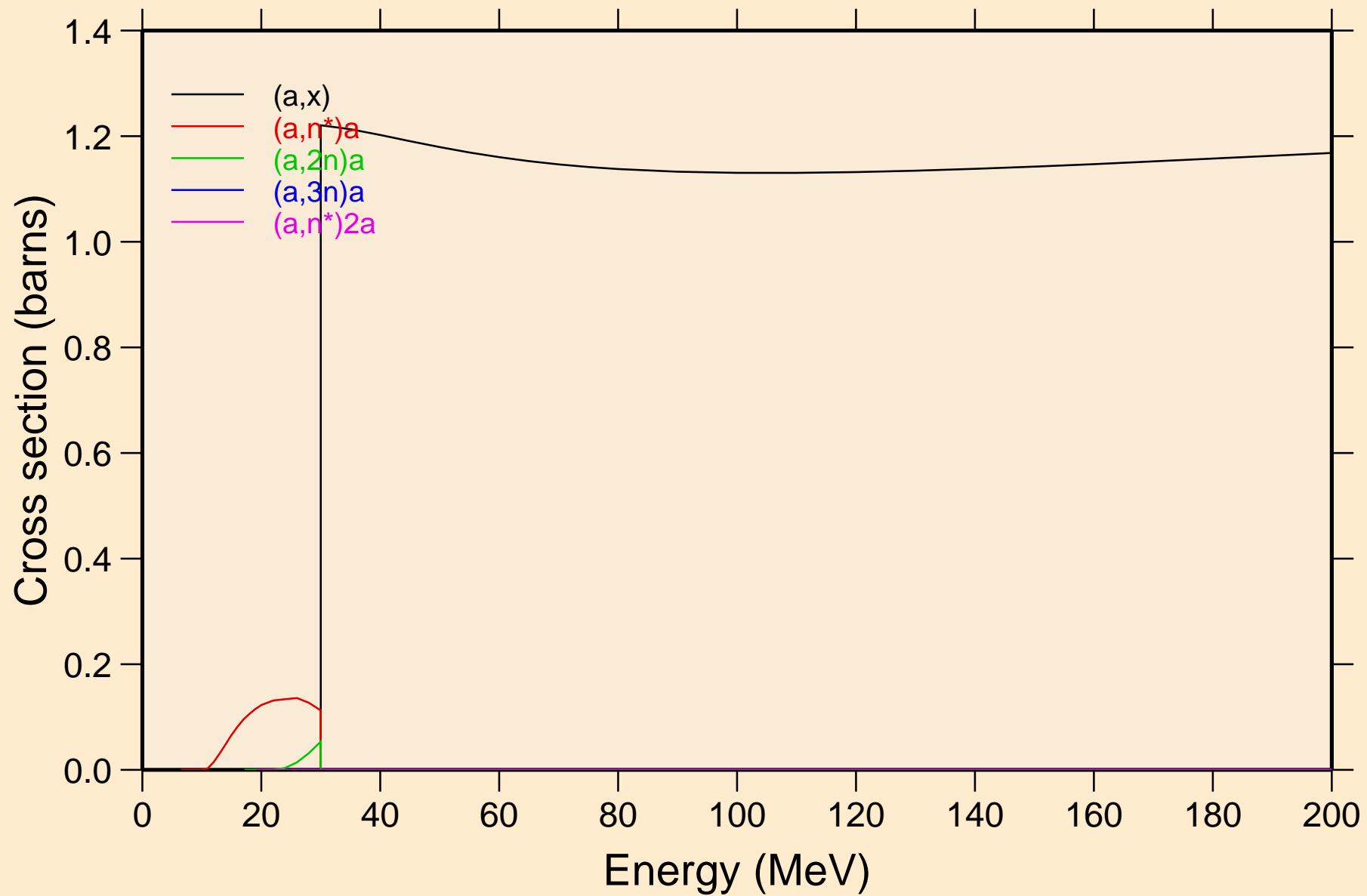
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

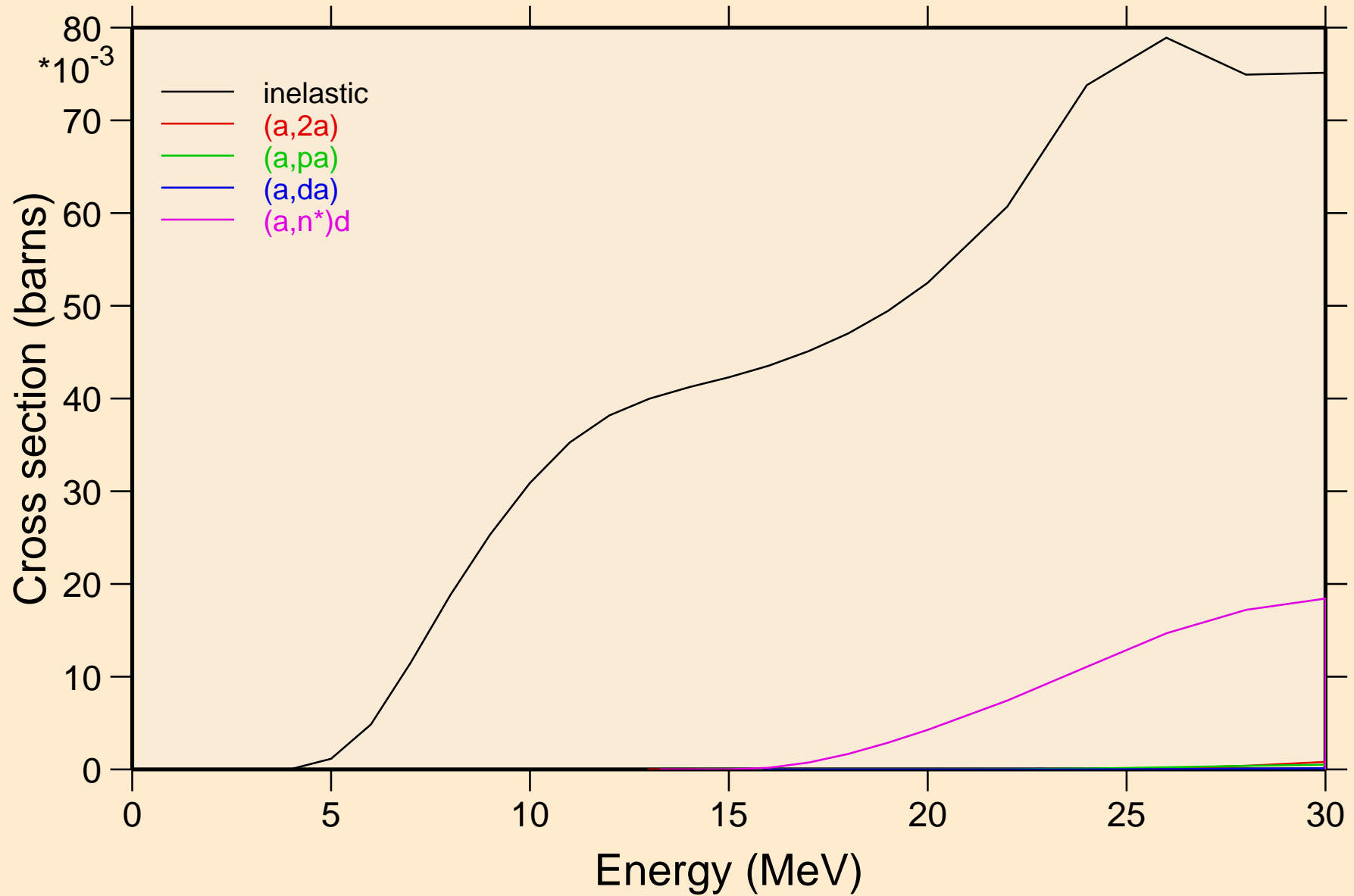


# AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

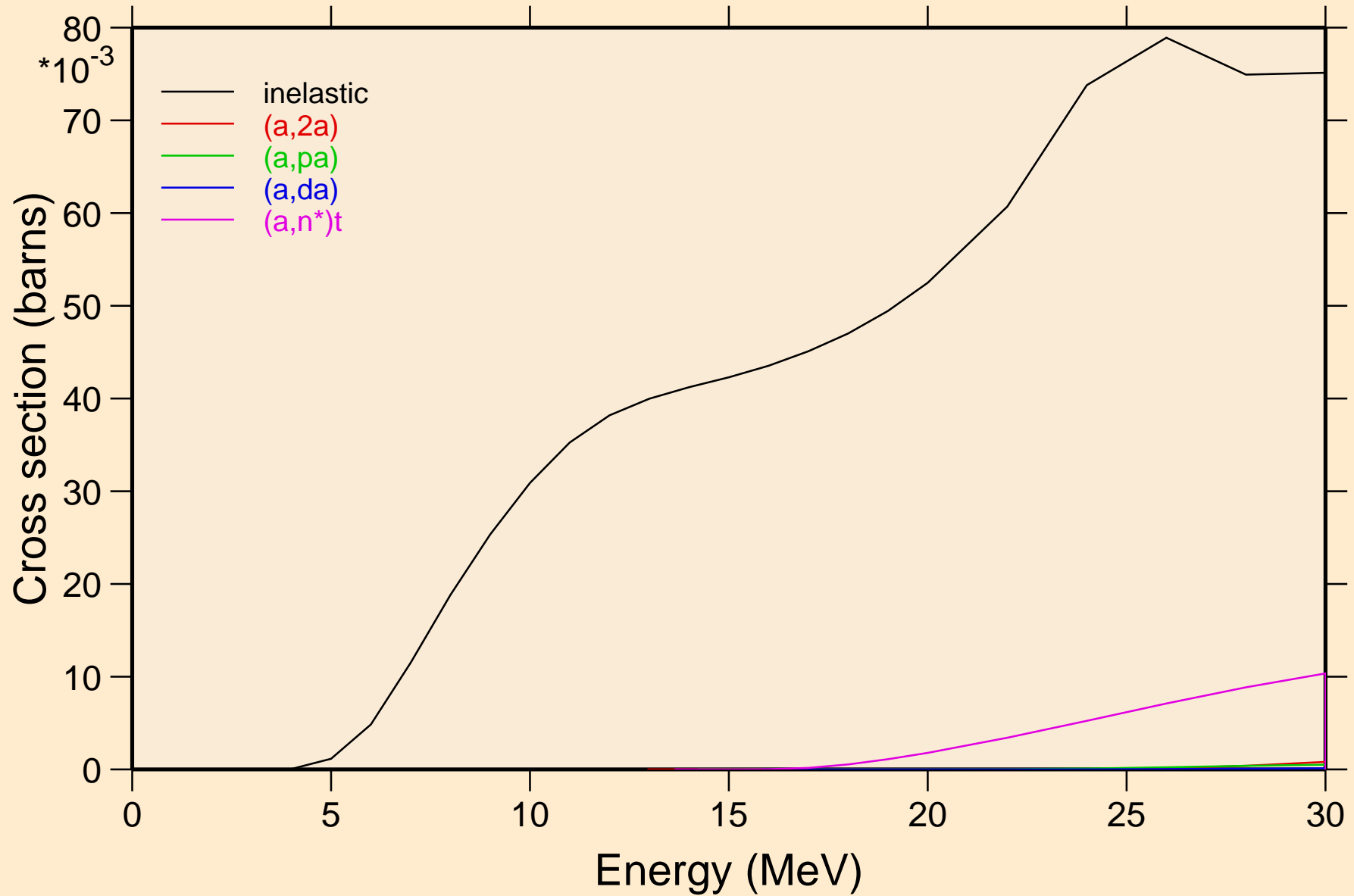
## Threshold reactions



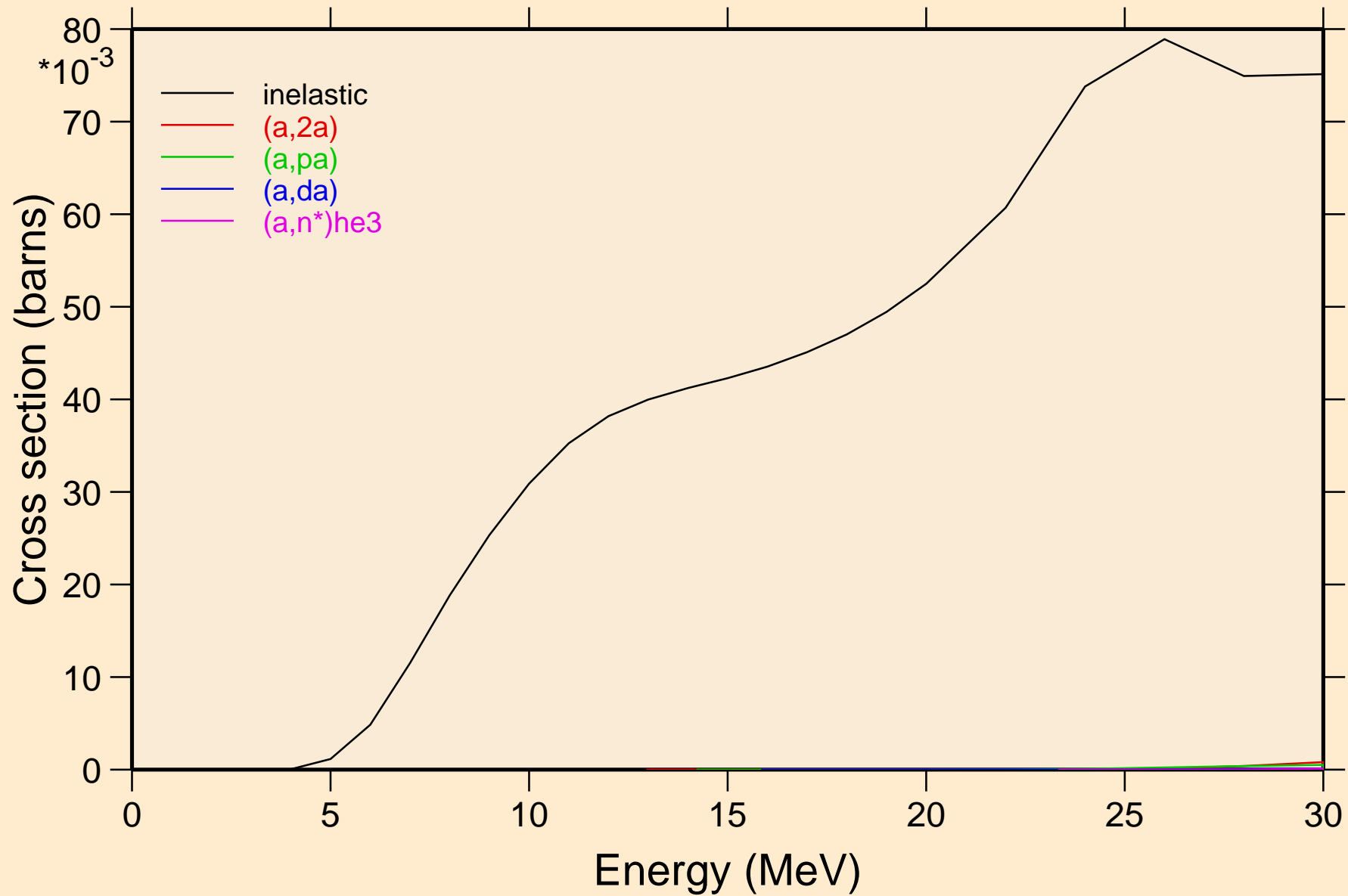
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

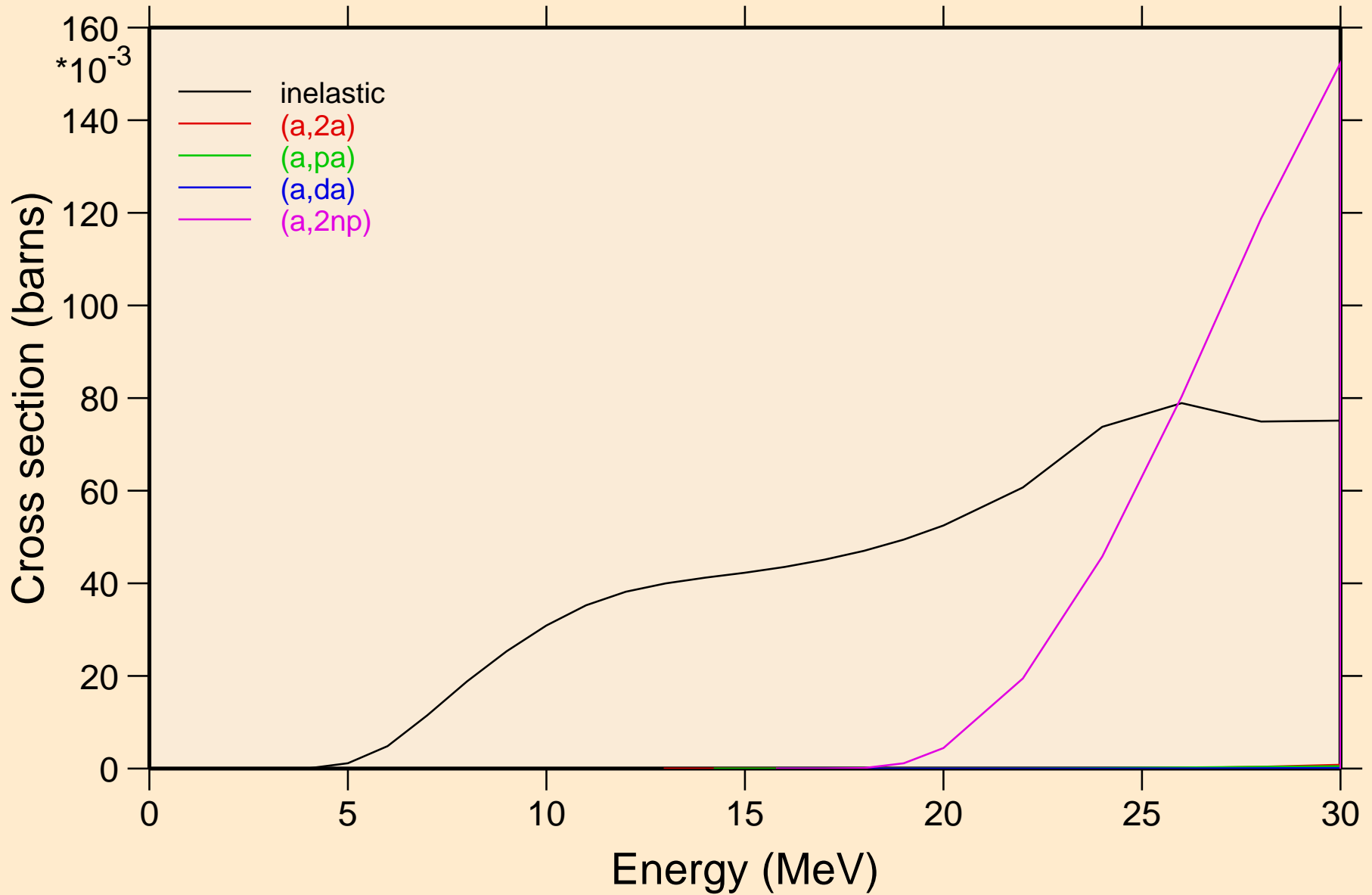


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

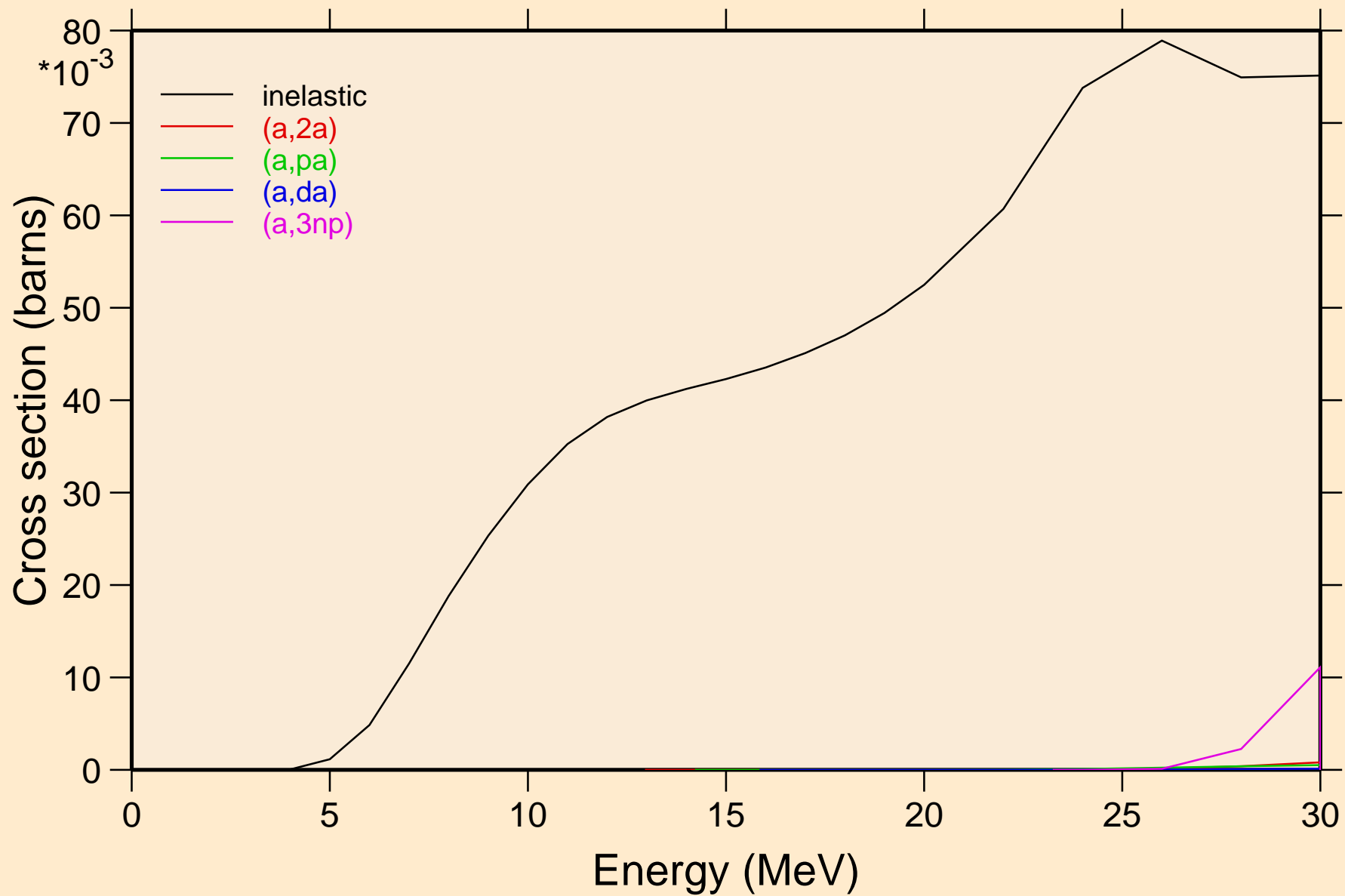




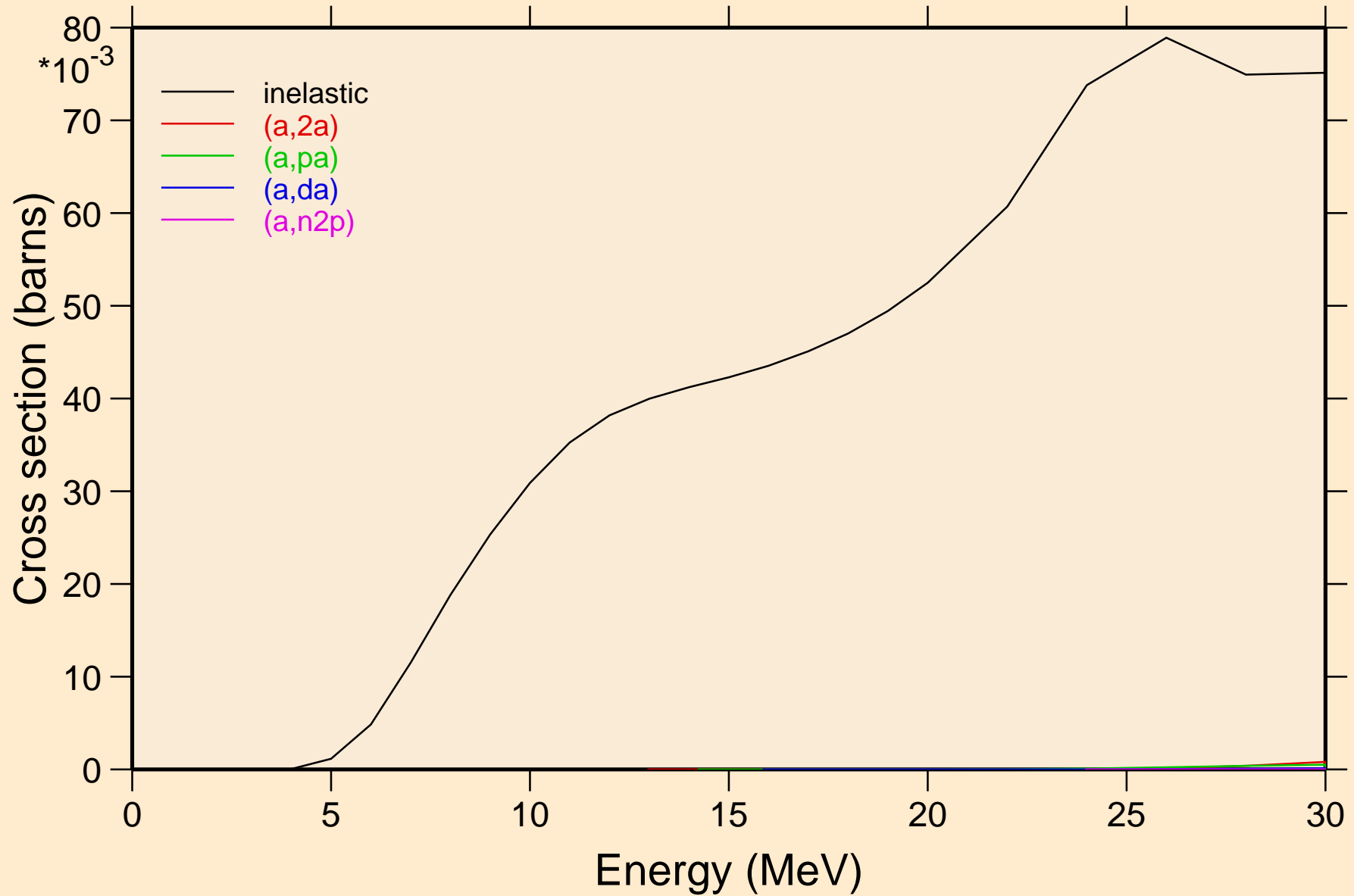
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Threshold reactions



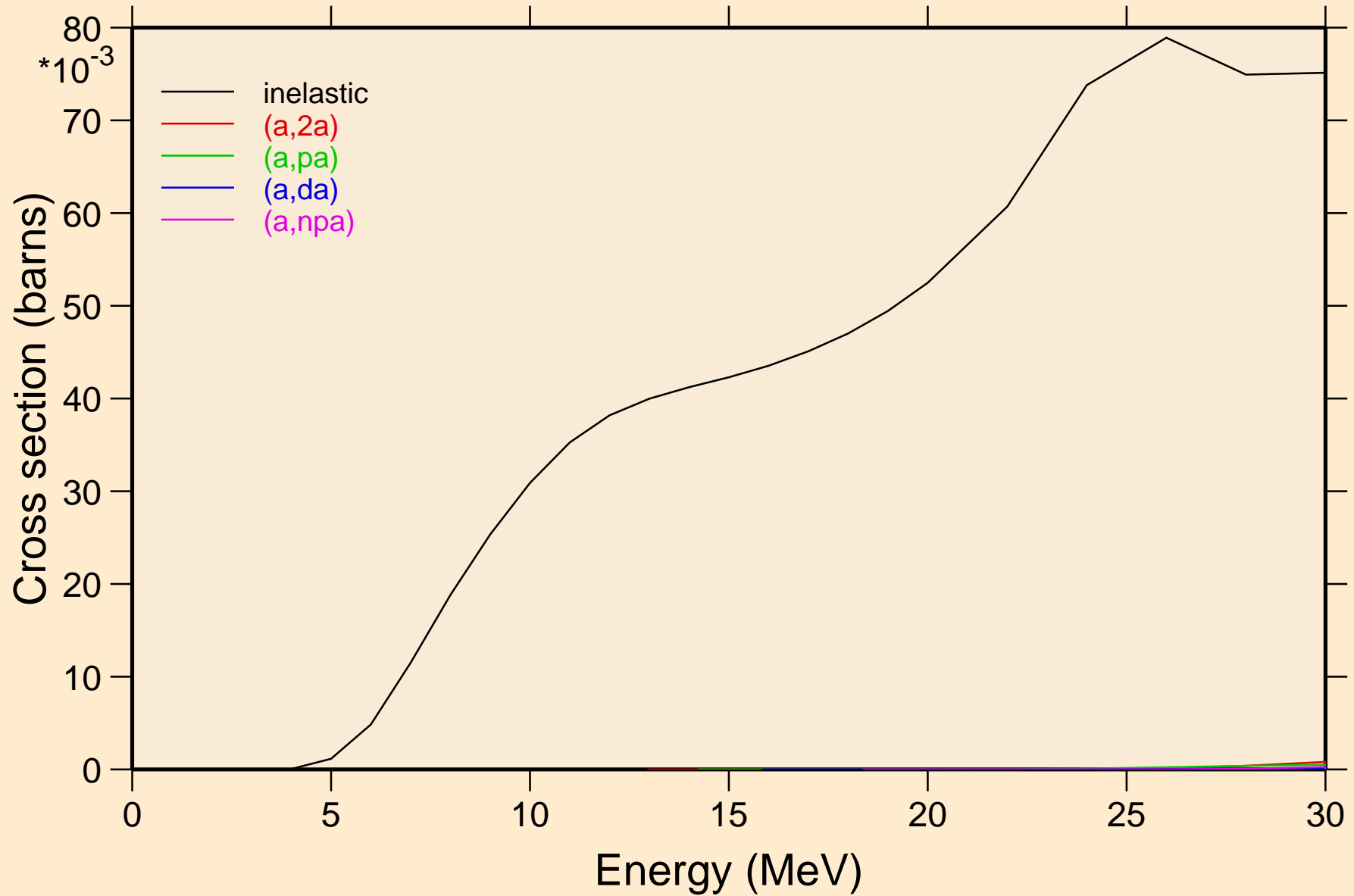
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Threshold reactions



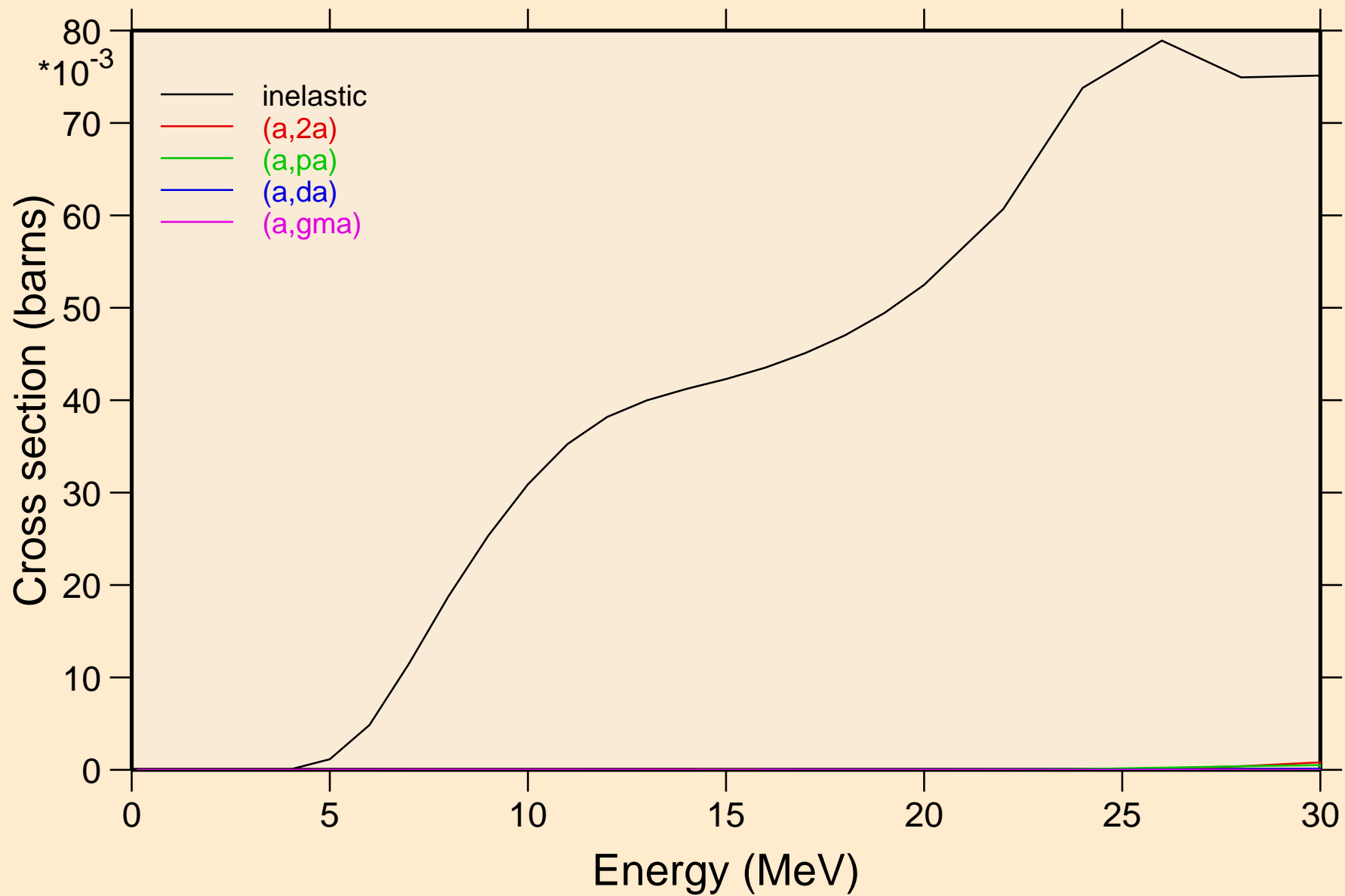
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Threshold reactions



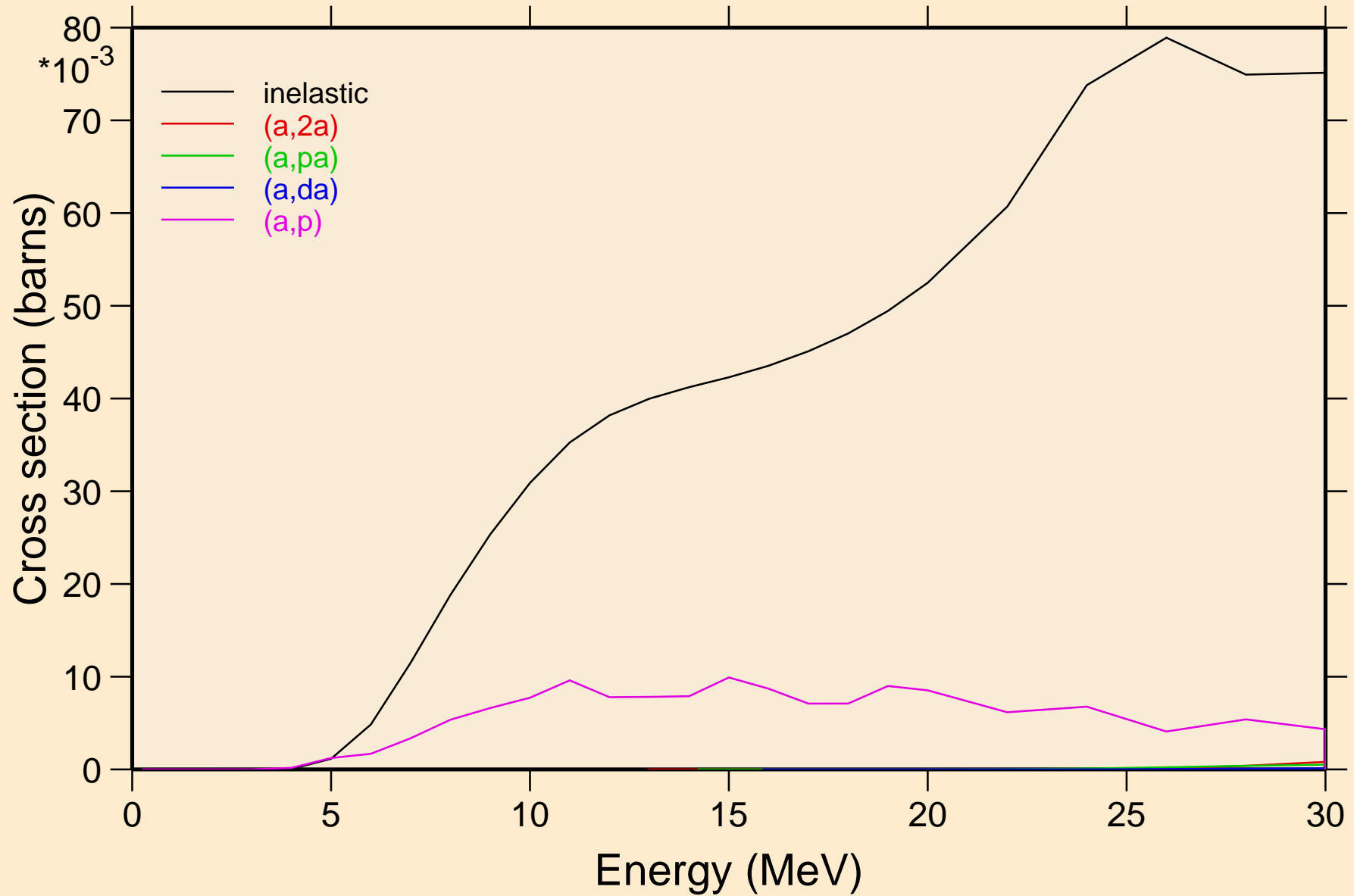
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Threshold reactions



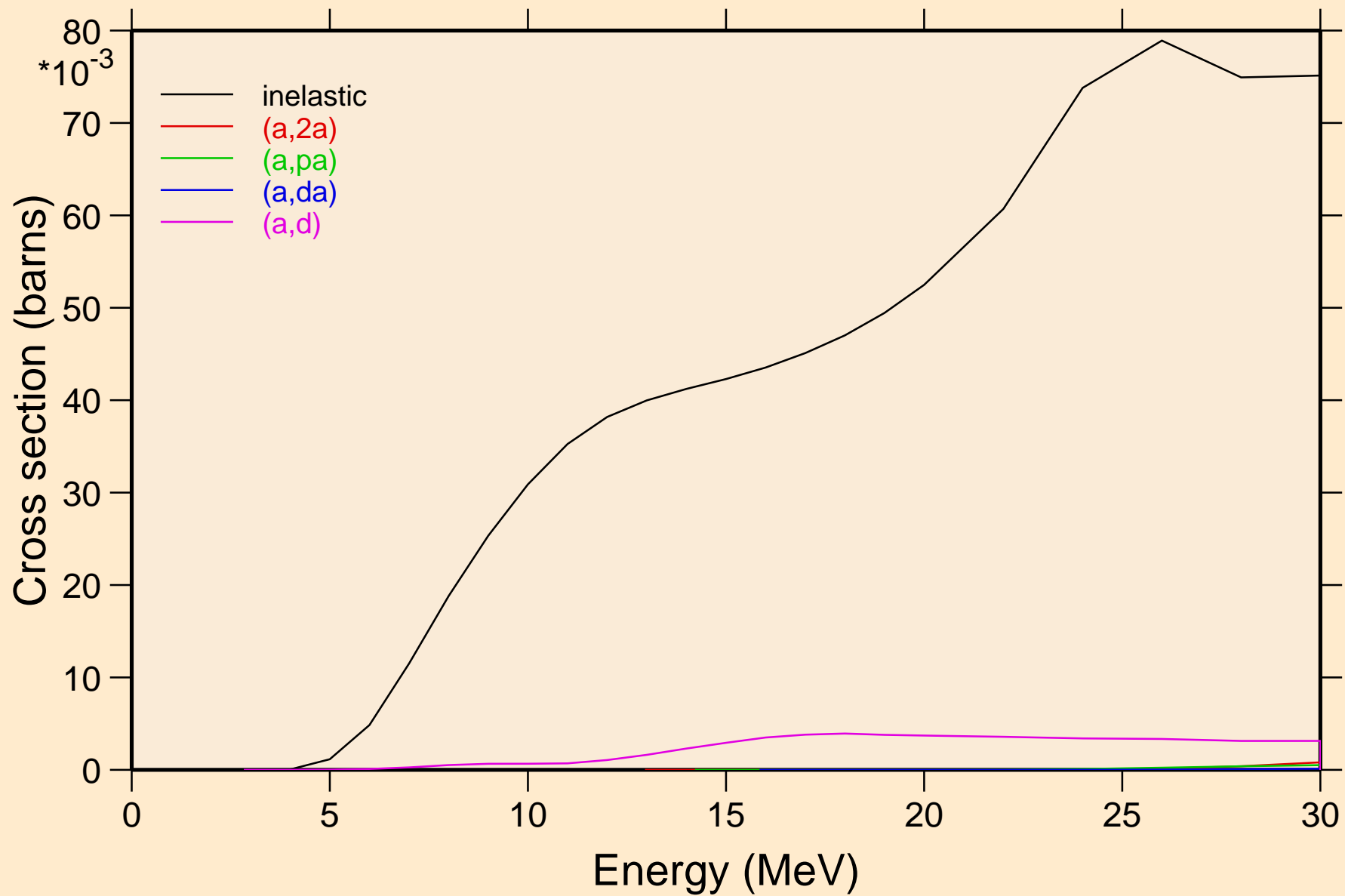
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Threshold reactions



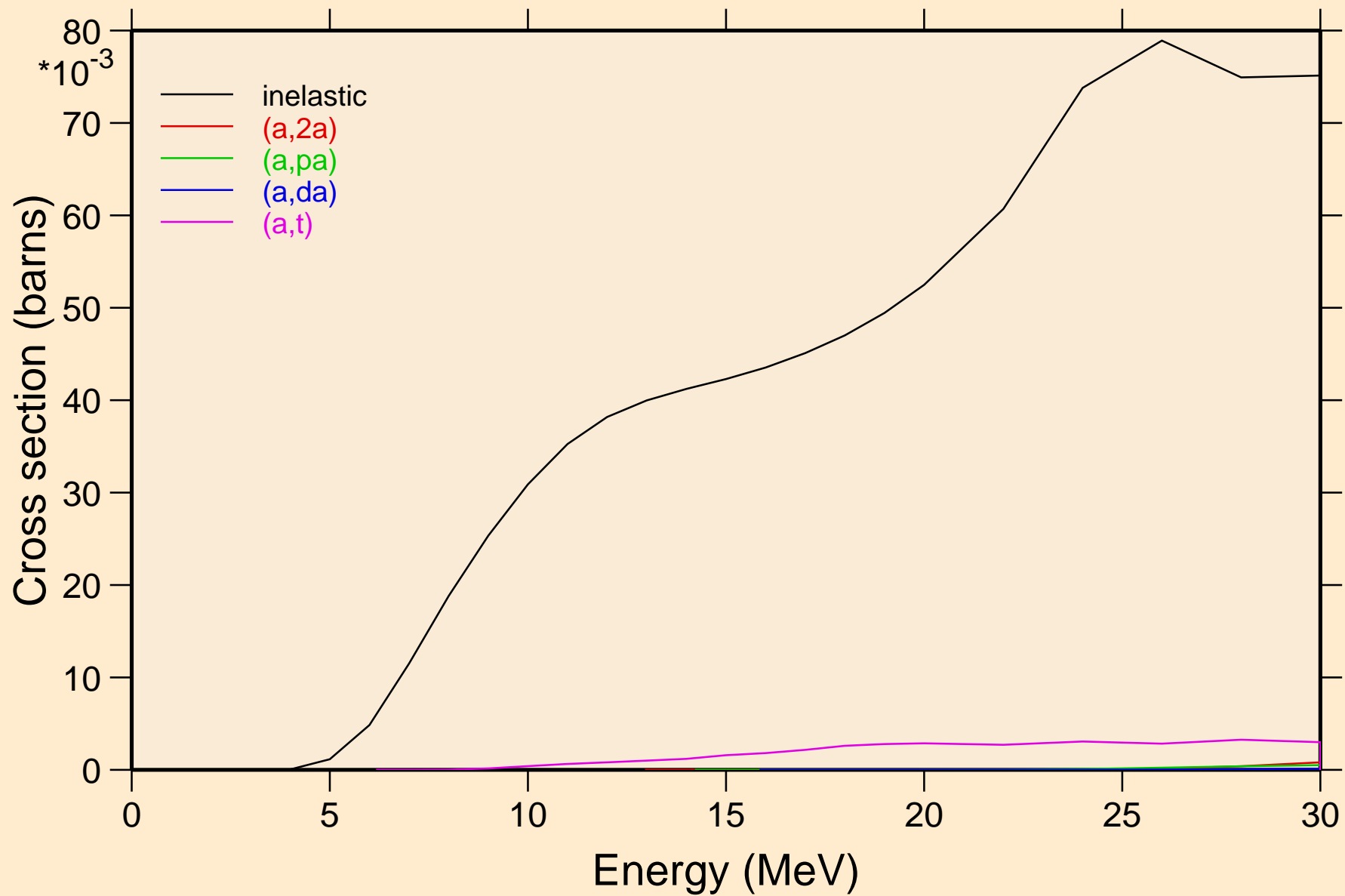
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Threshold reactions



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

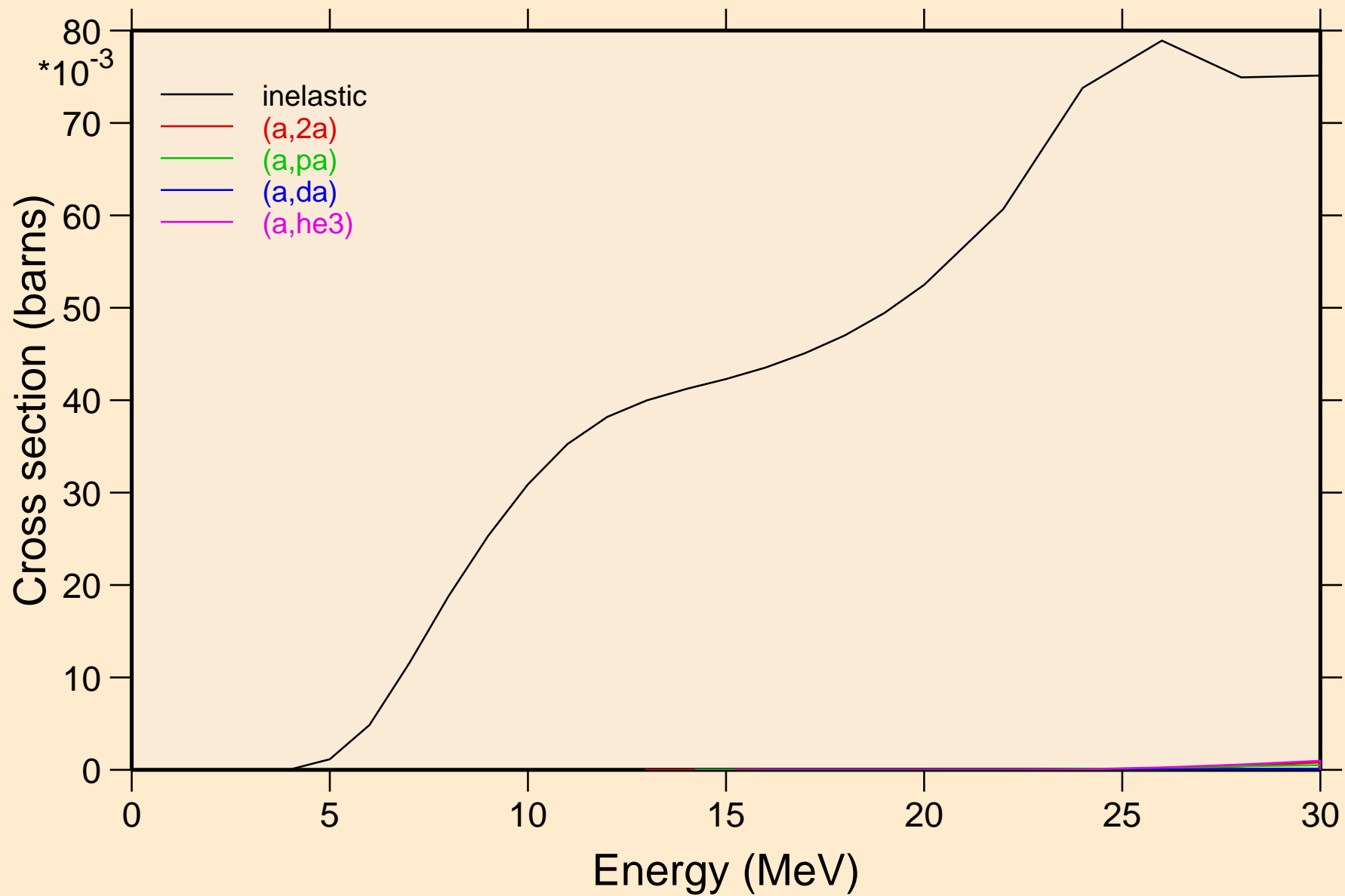


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Threshold reactions

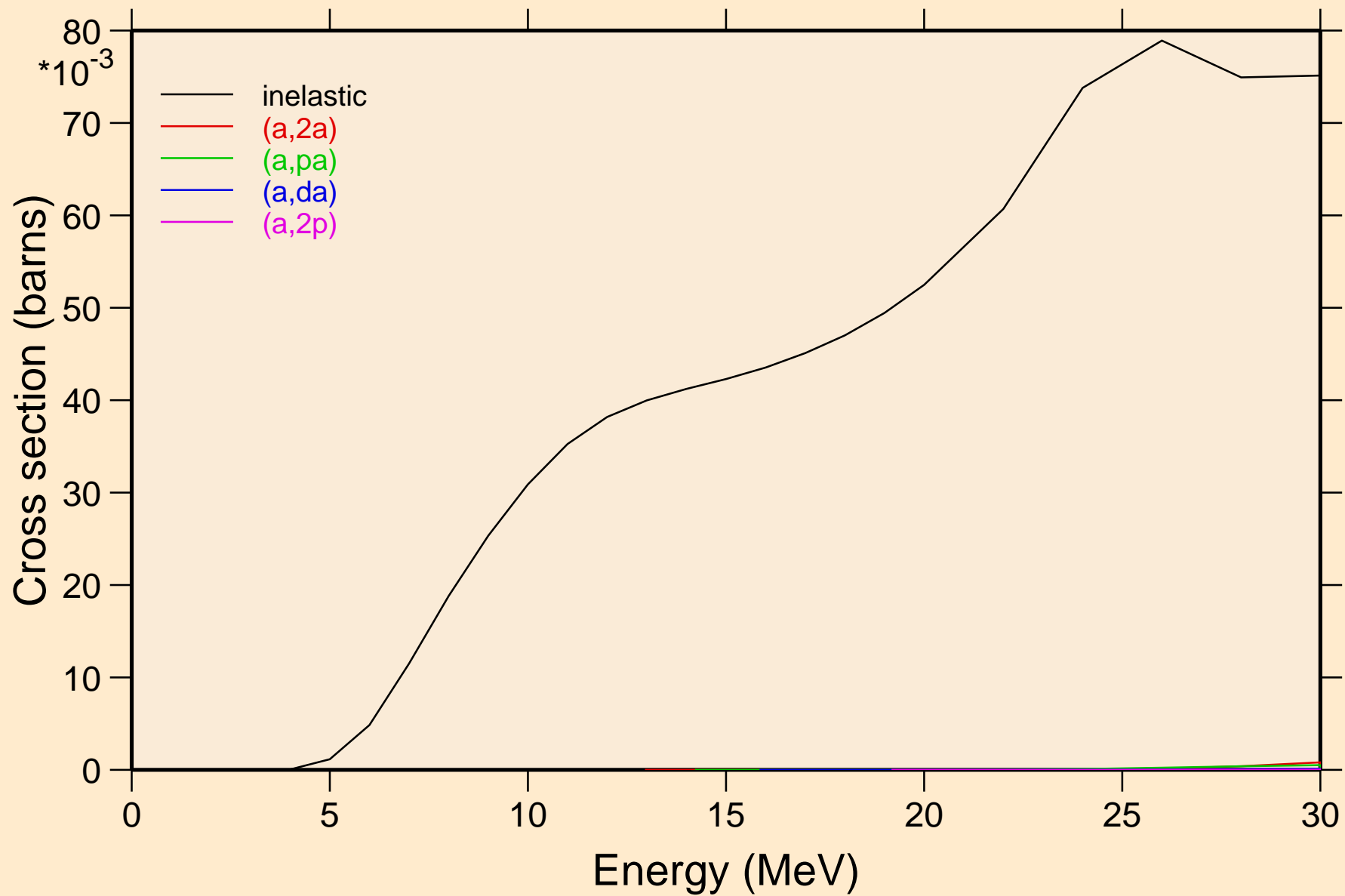




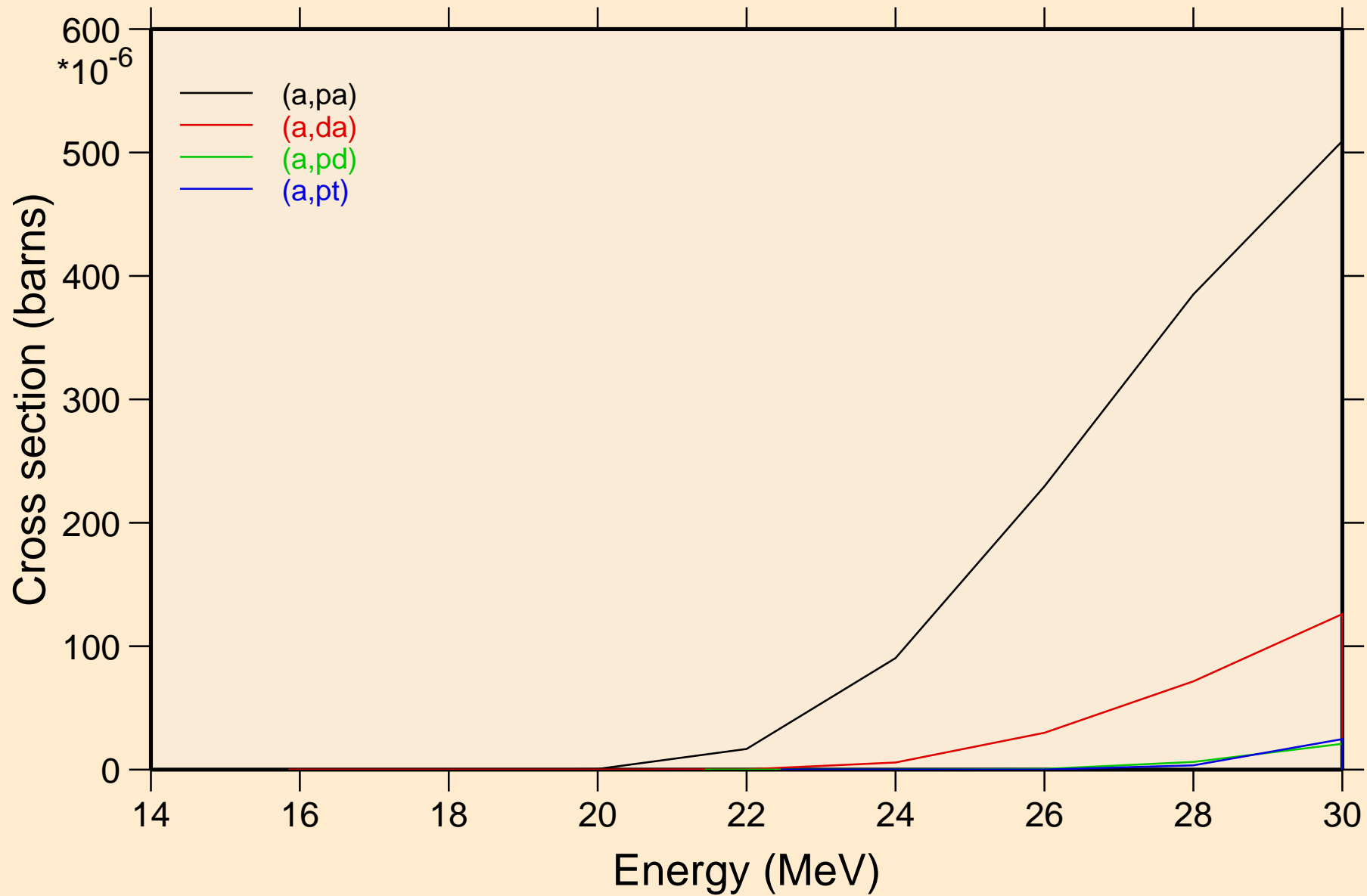
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Threshold reactions



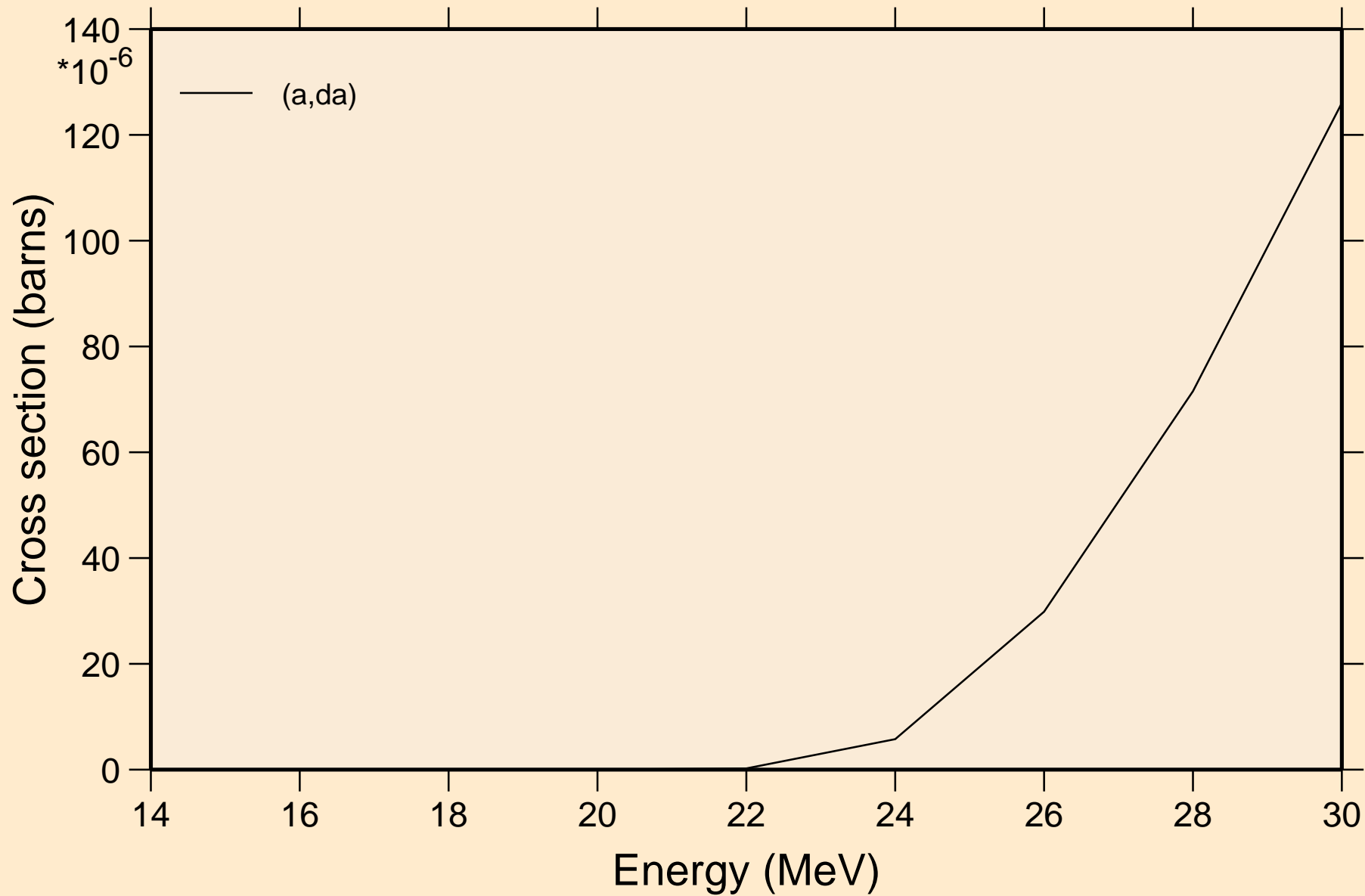
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Threshold reactions



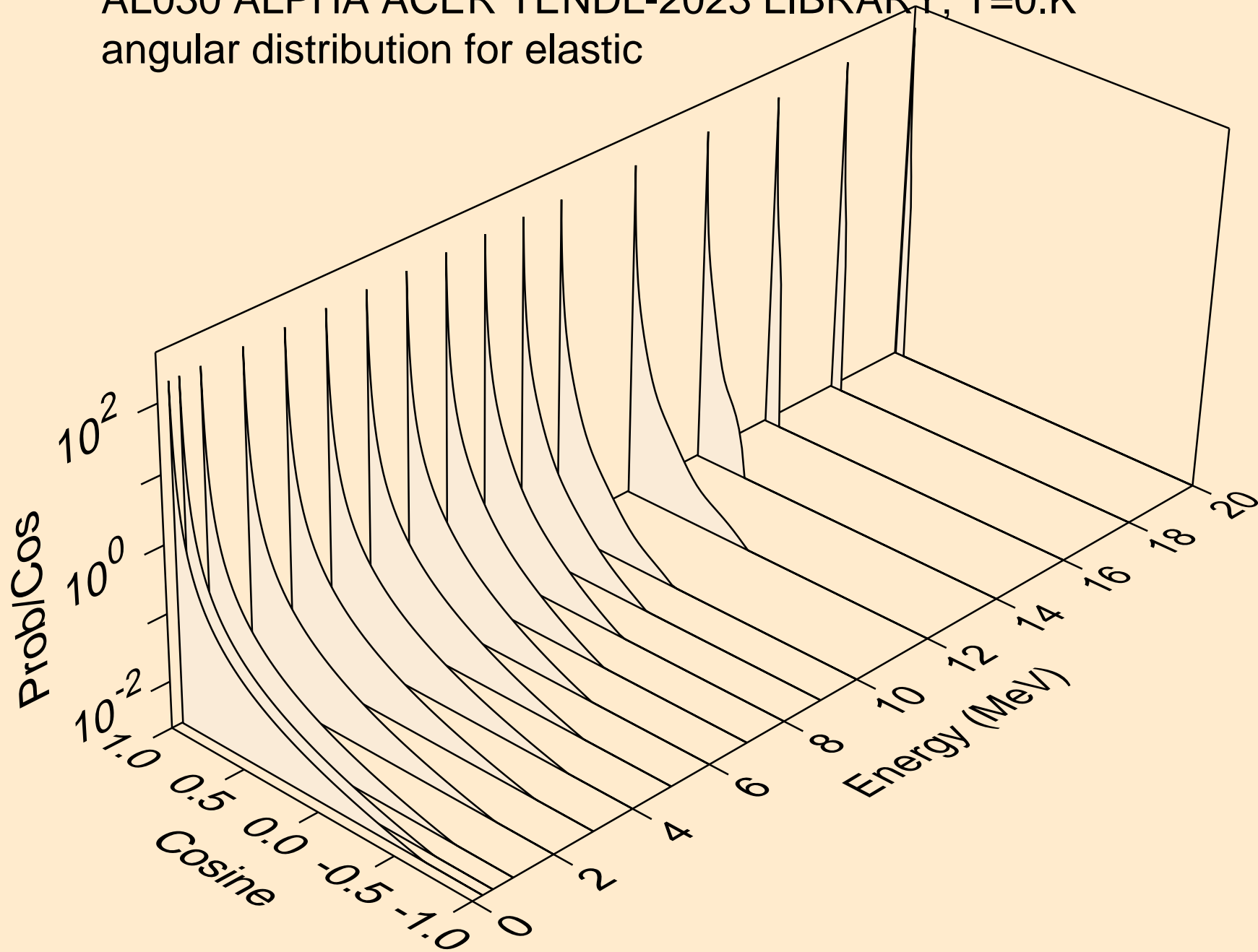
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



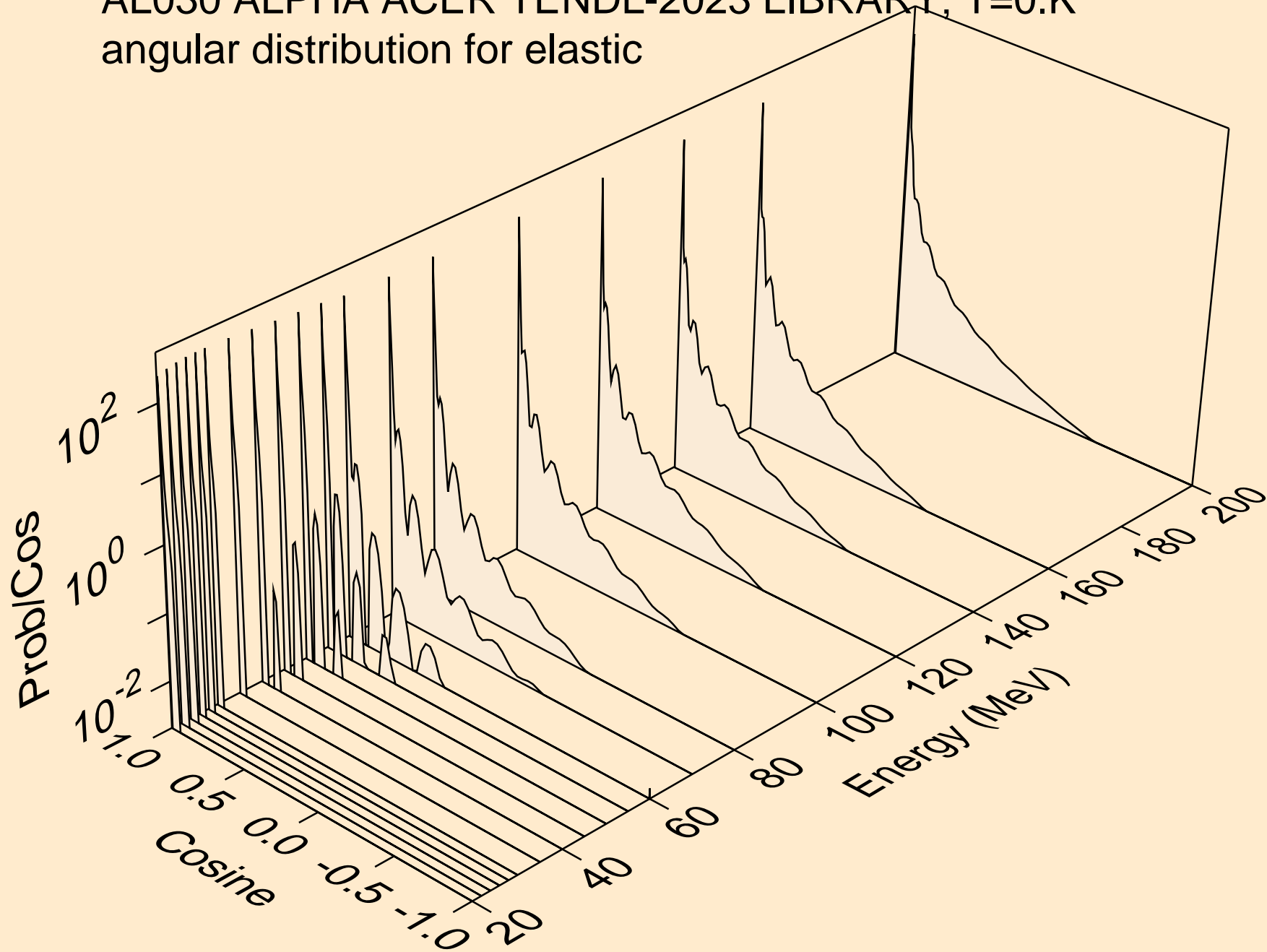
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

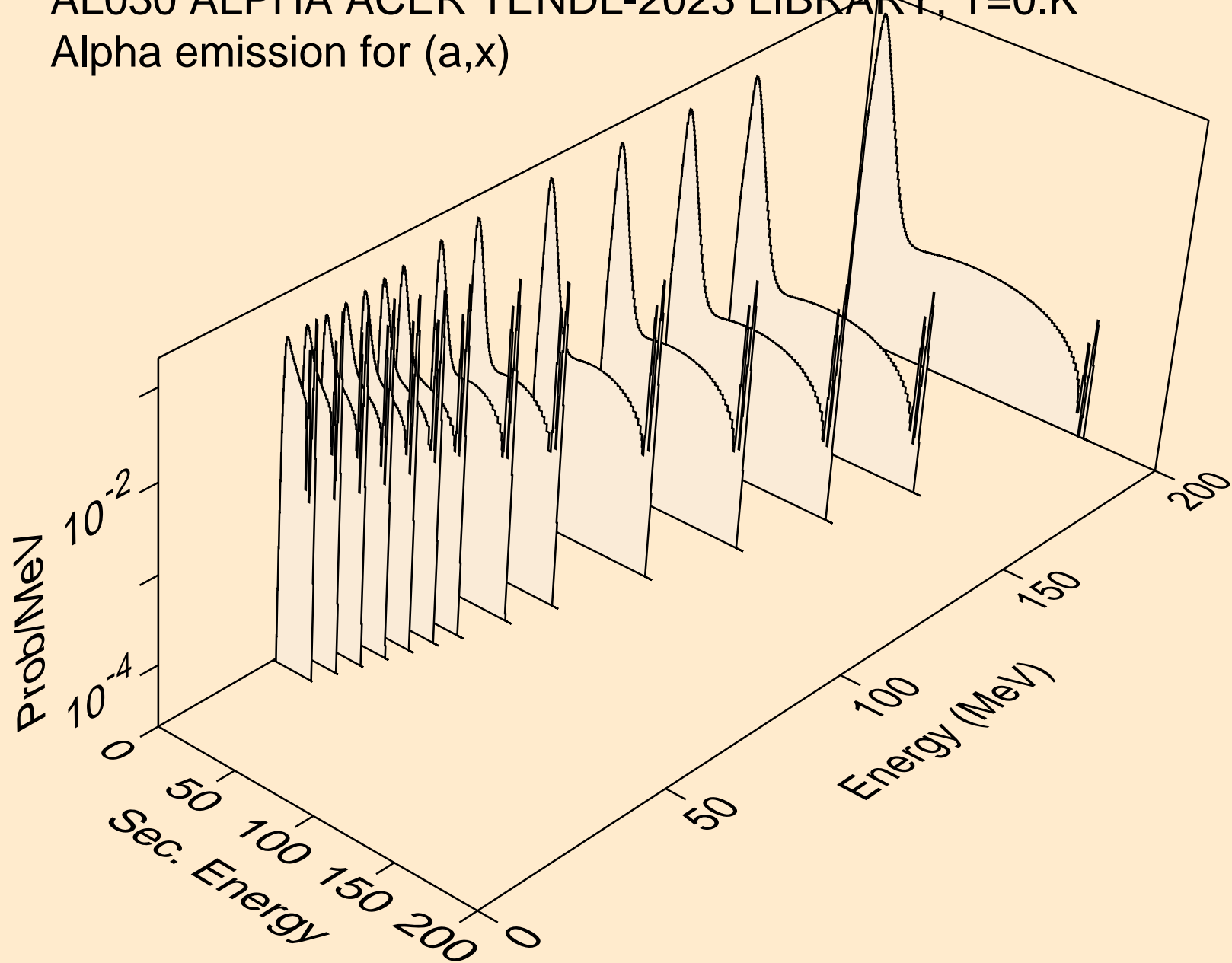


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

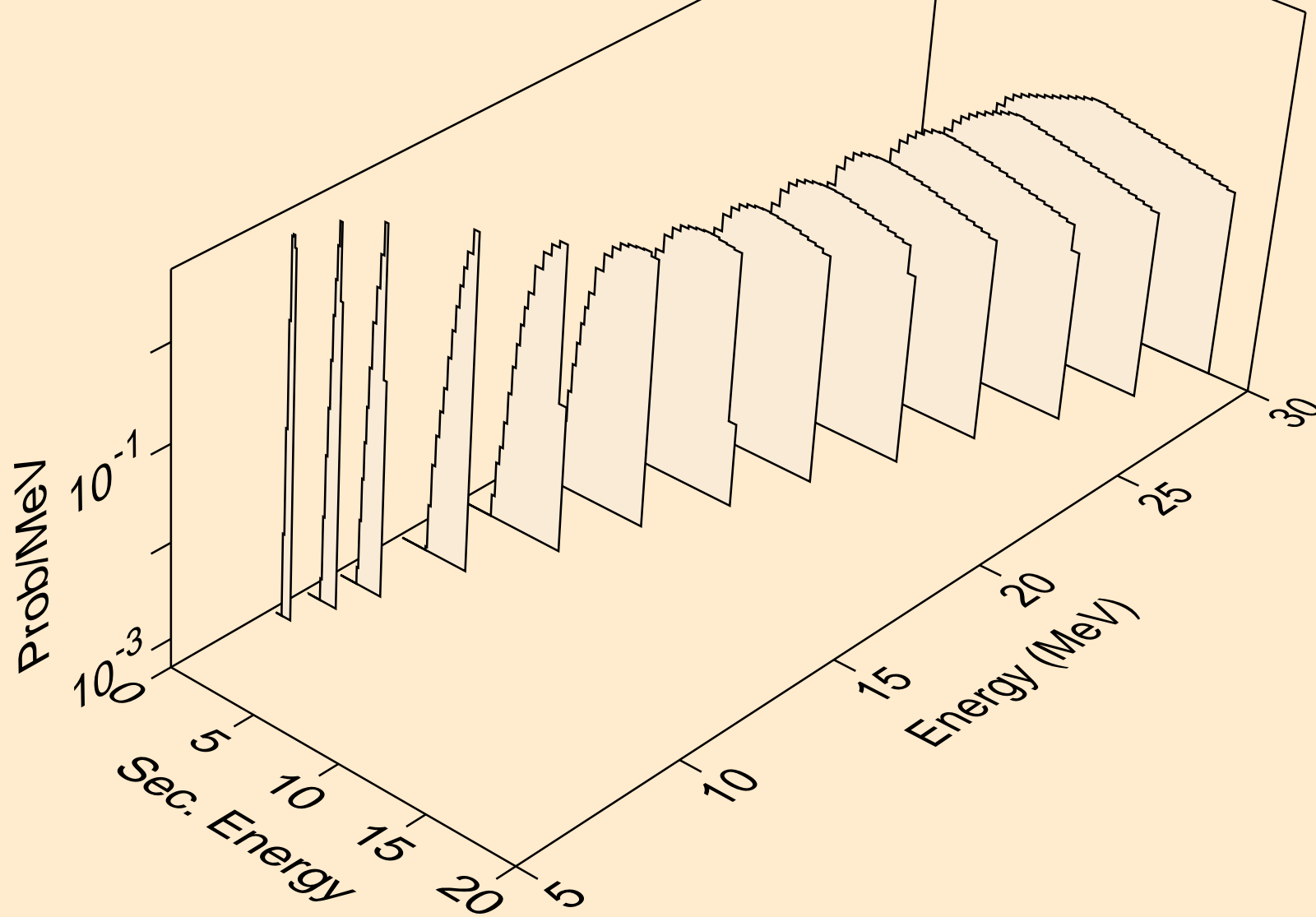


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)

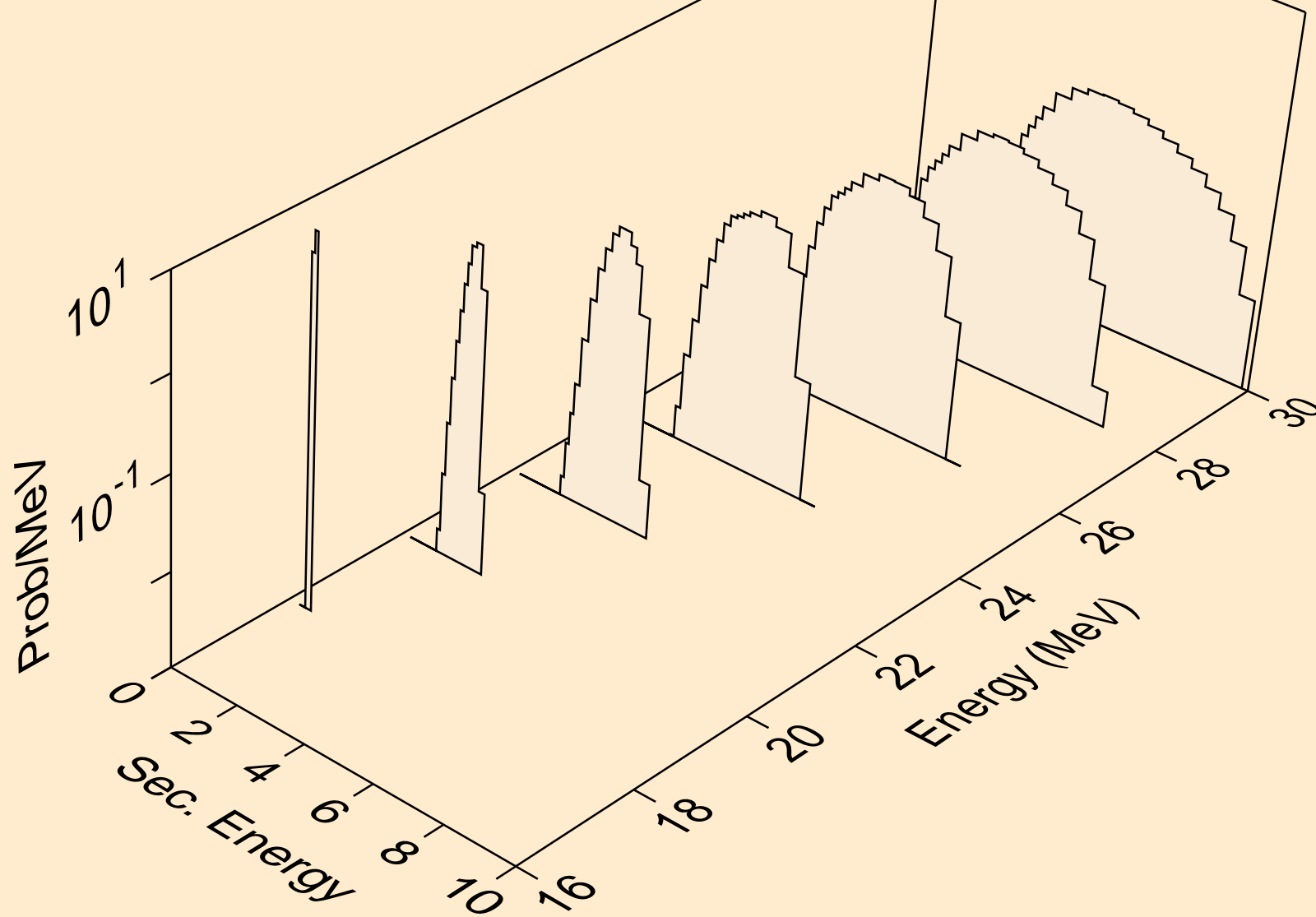


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

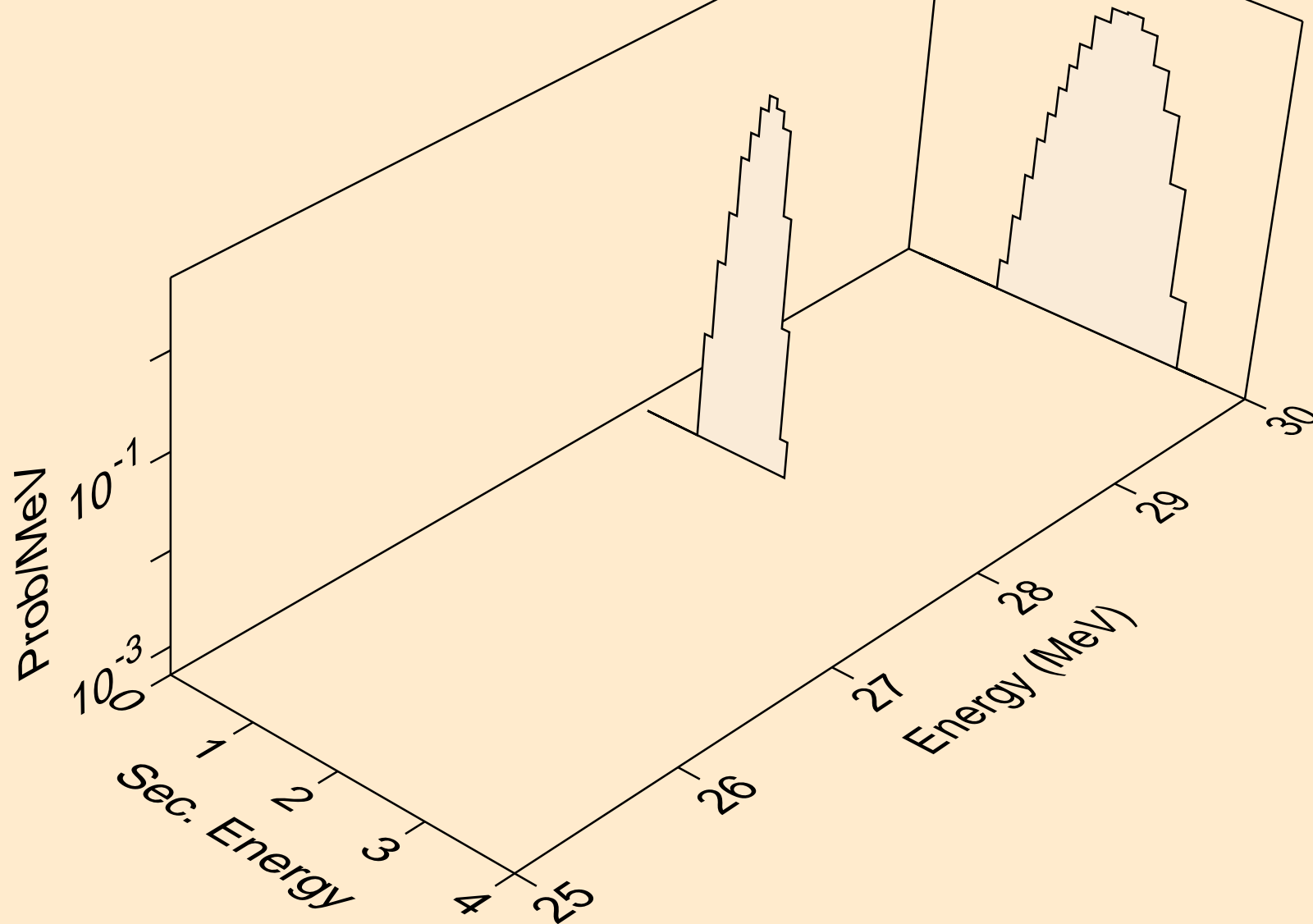




AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

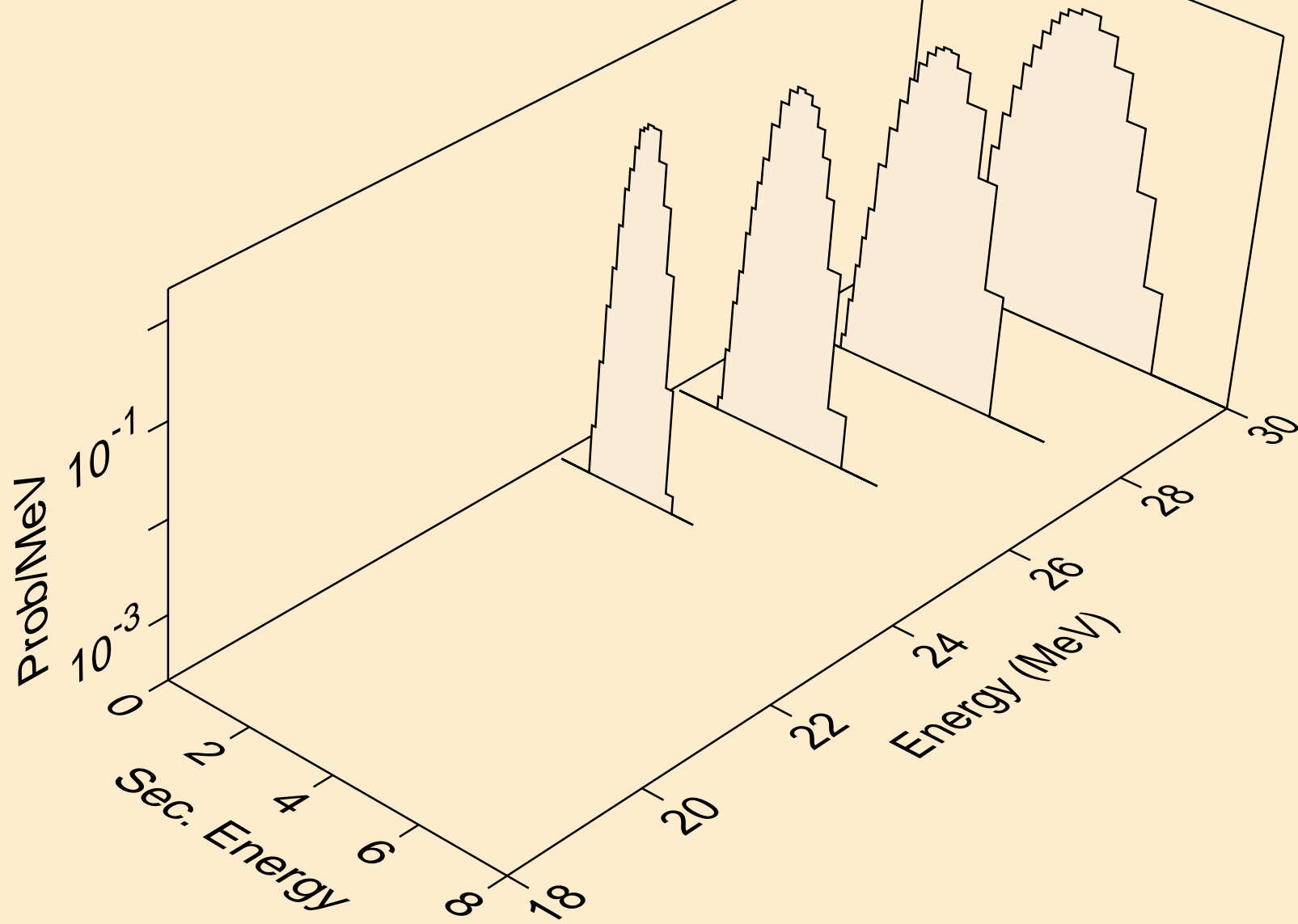


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a

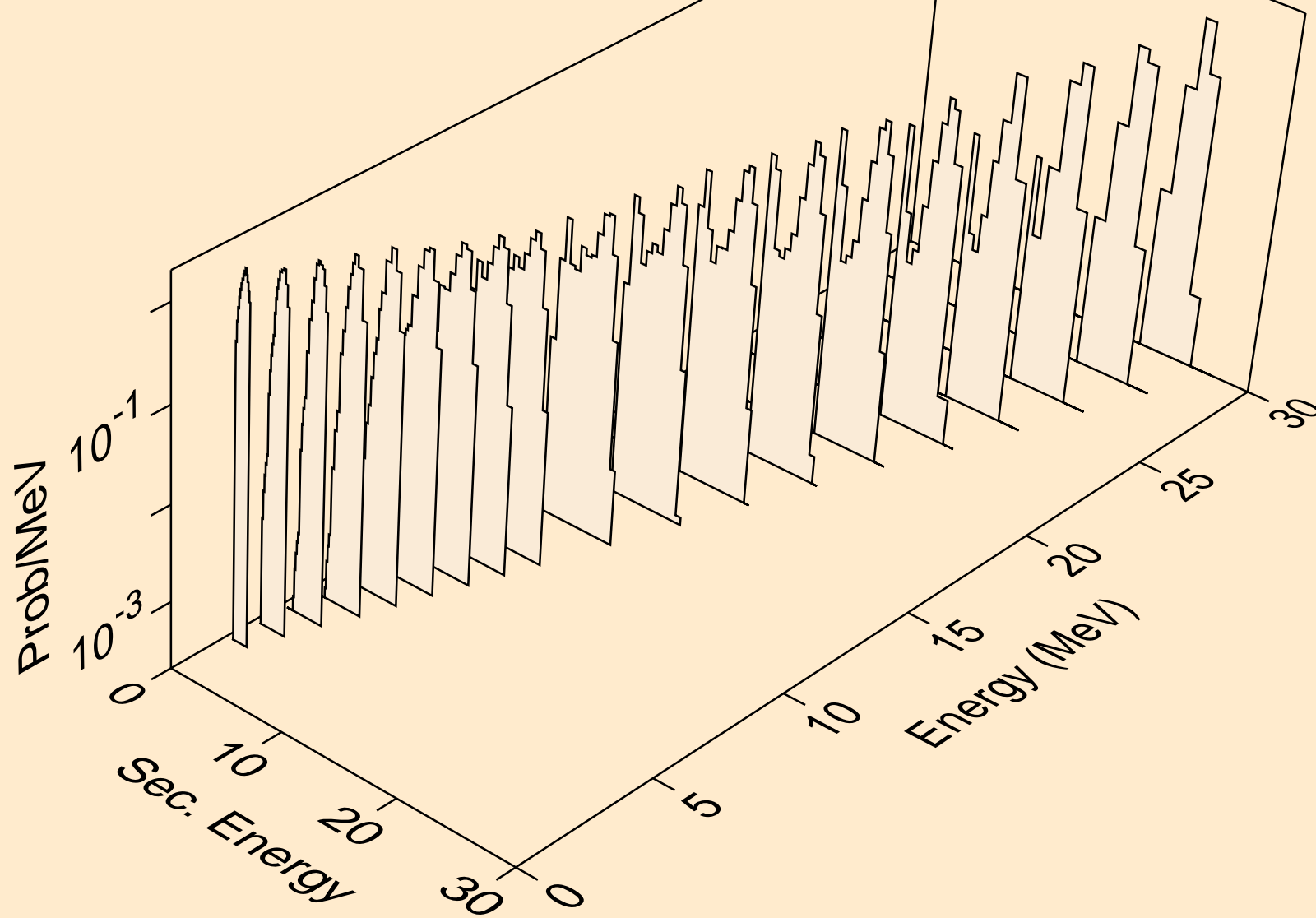


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

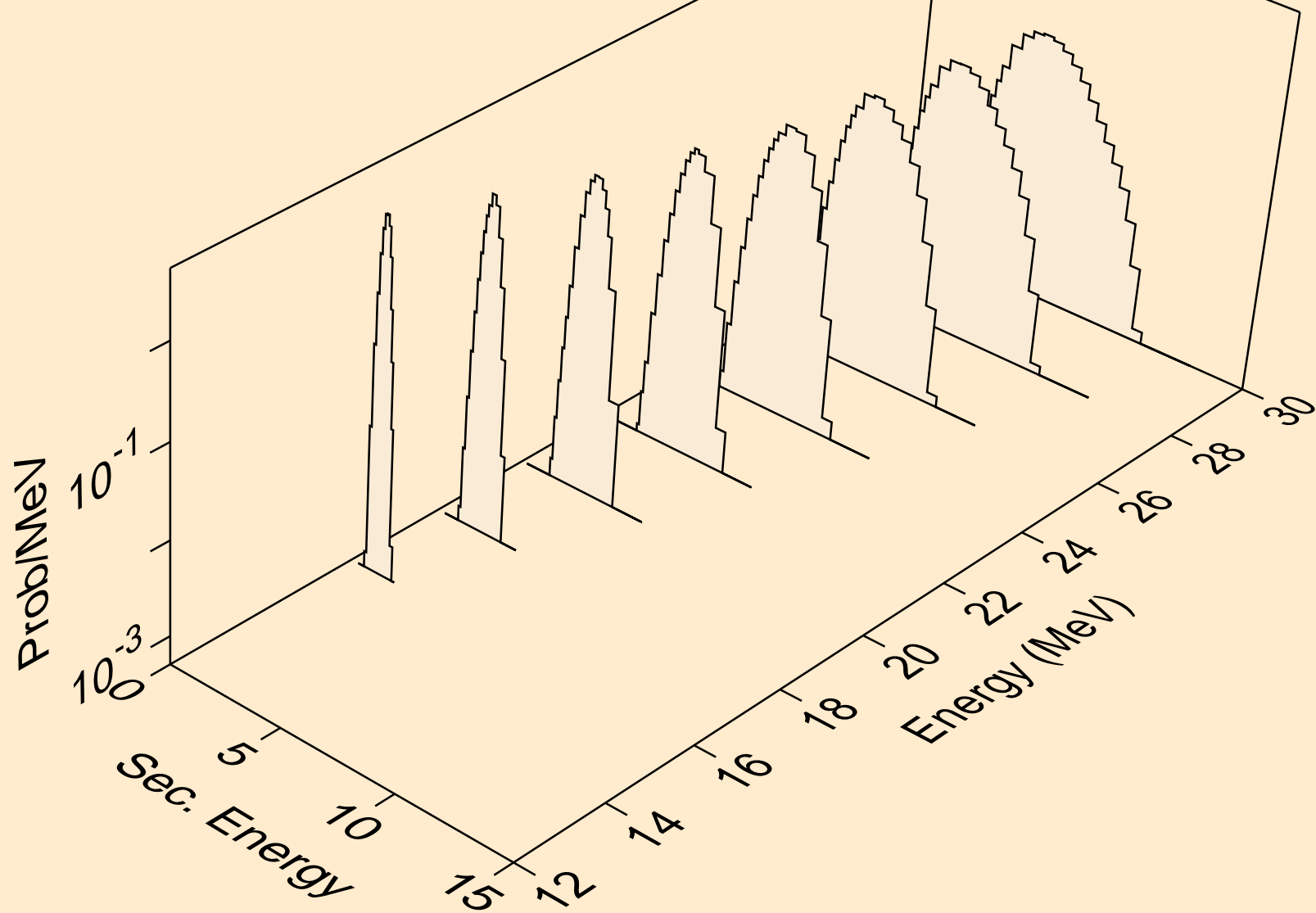
Alpha emission for (a,n\*)2a



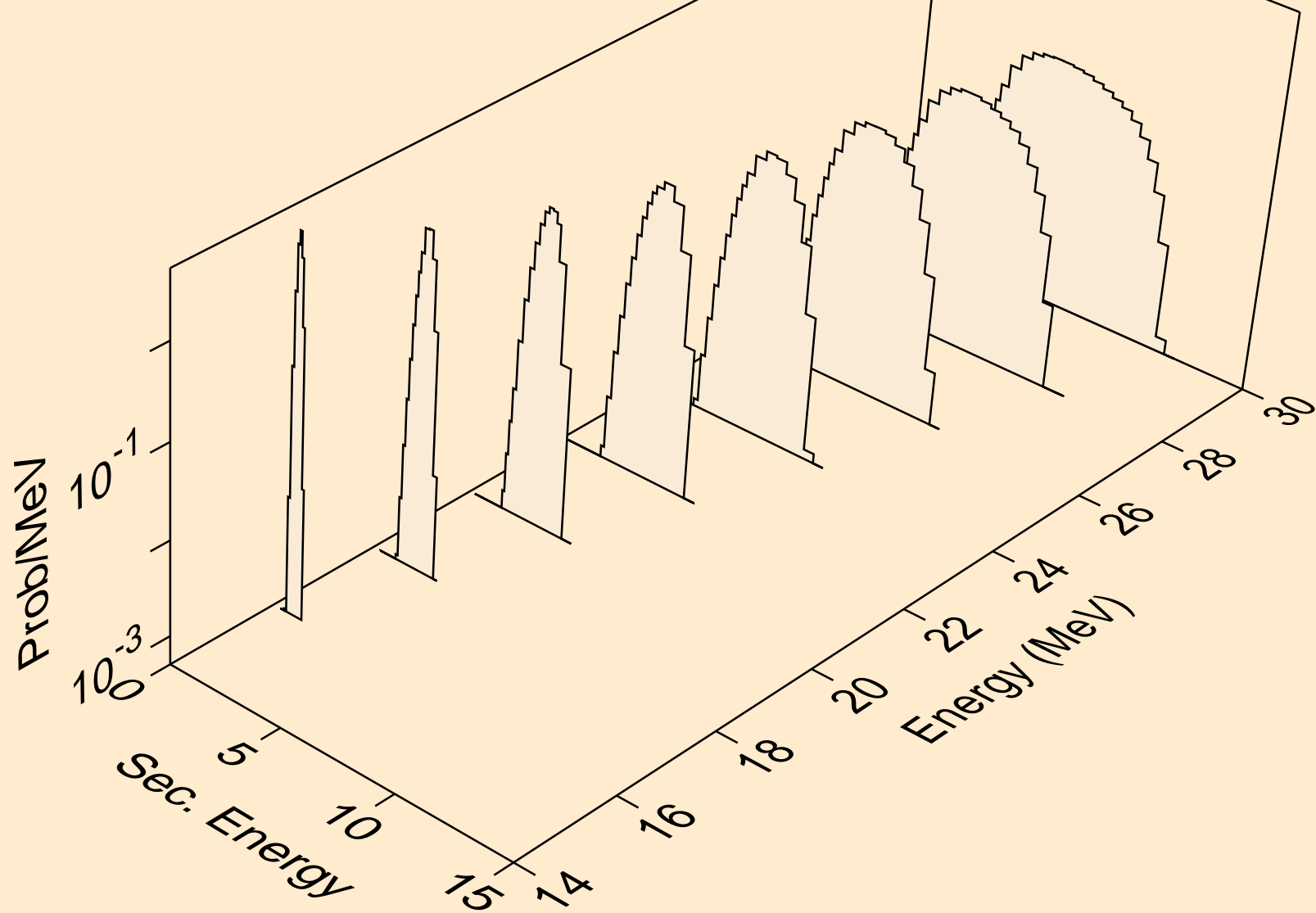
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



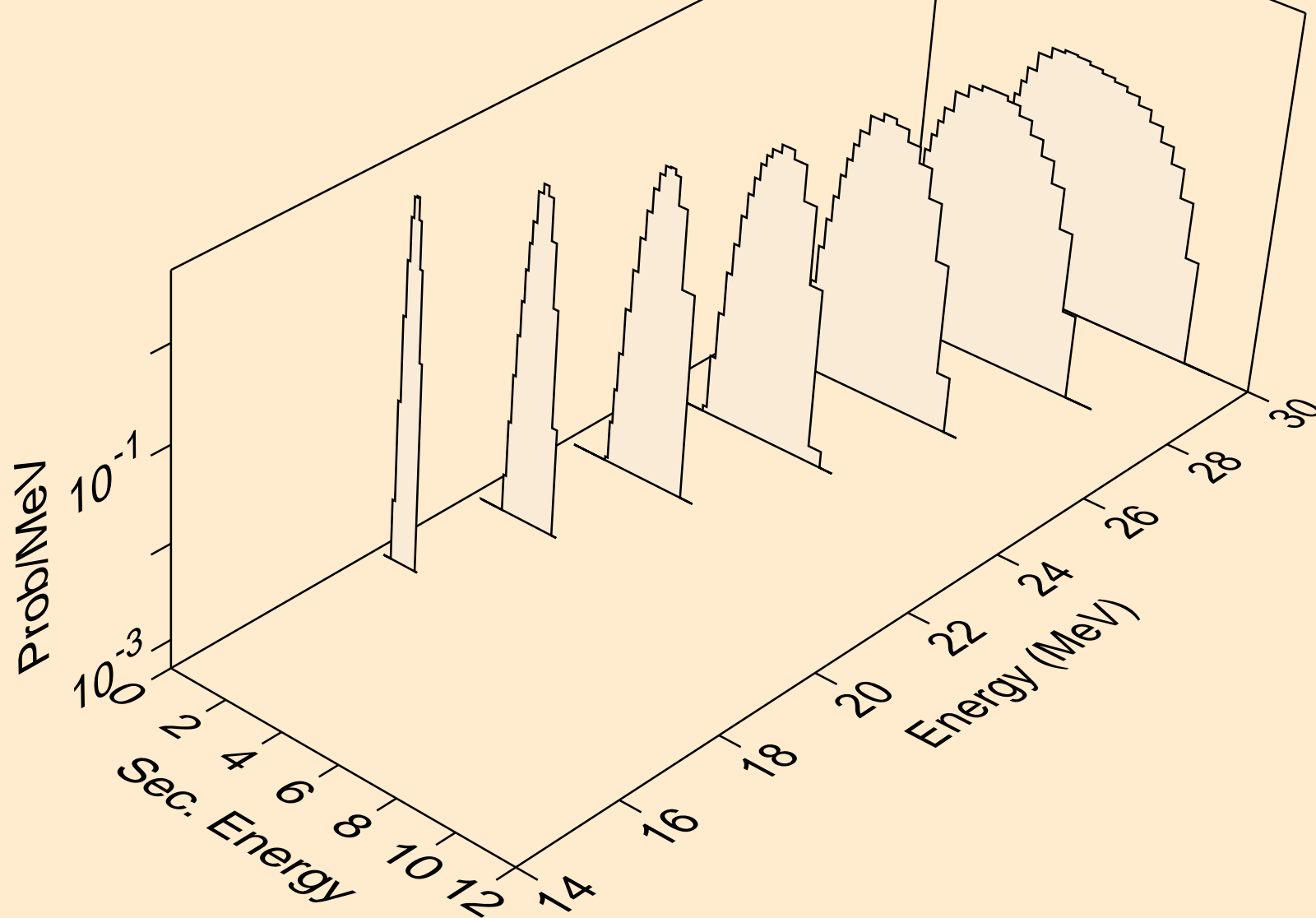
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



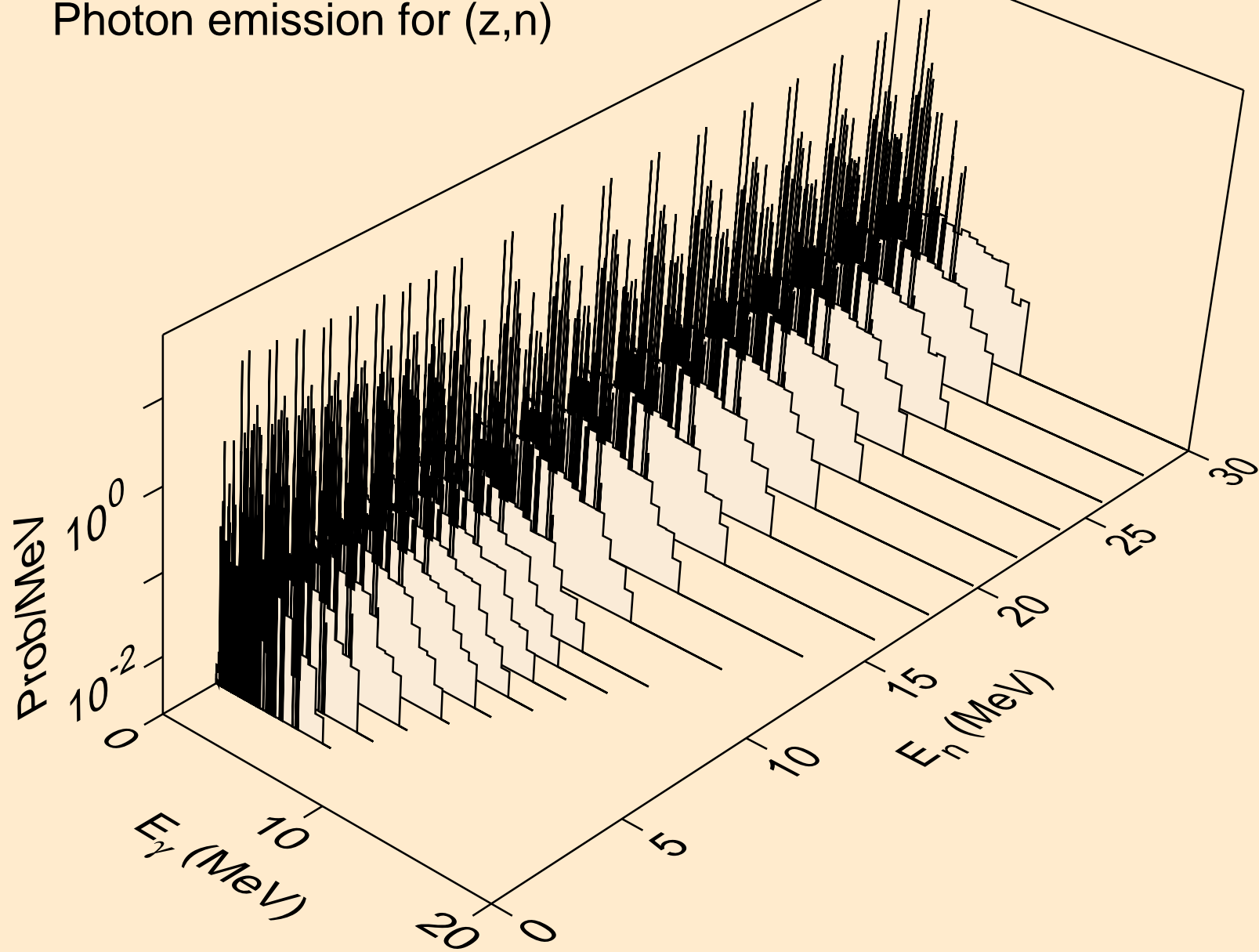
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)

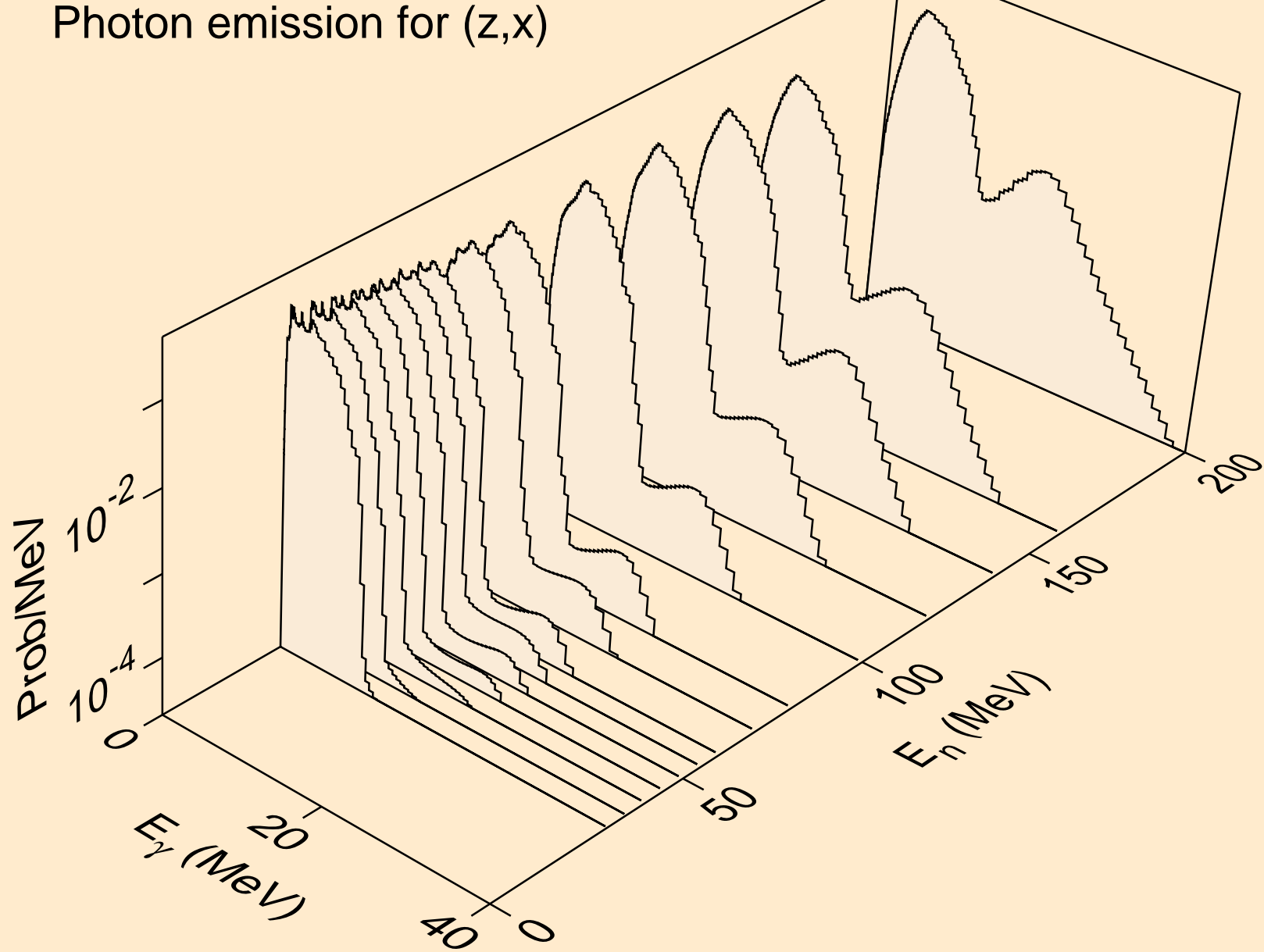


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

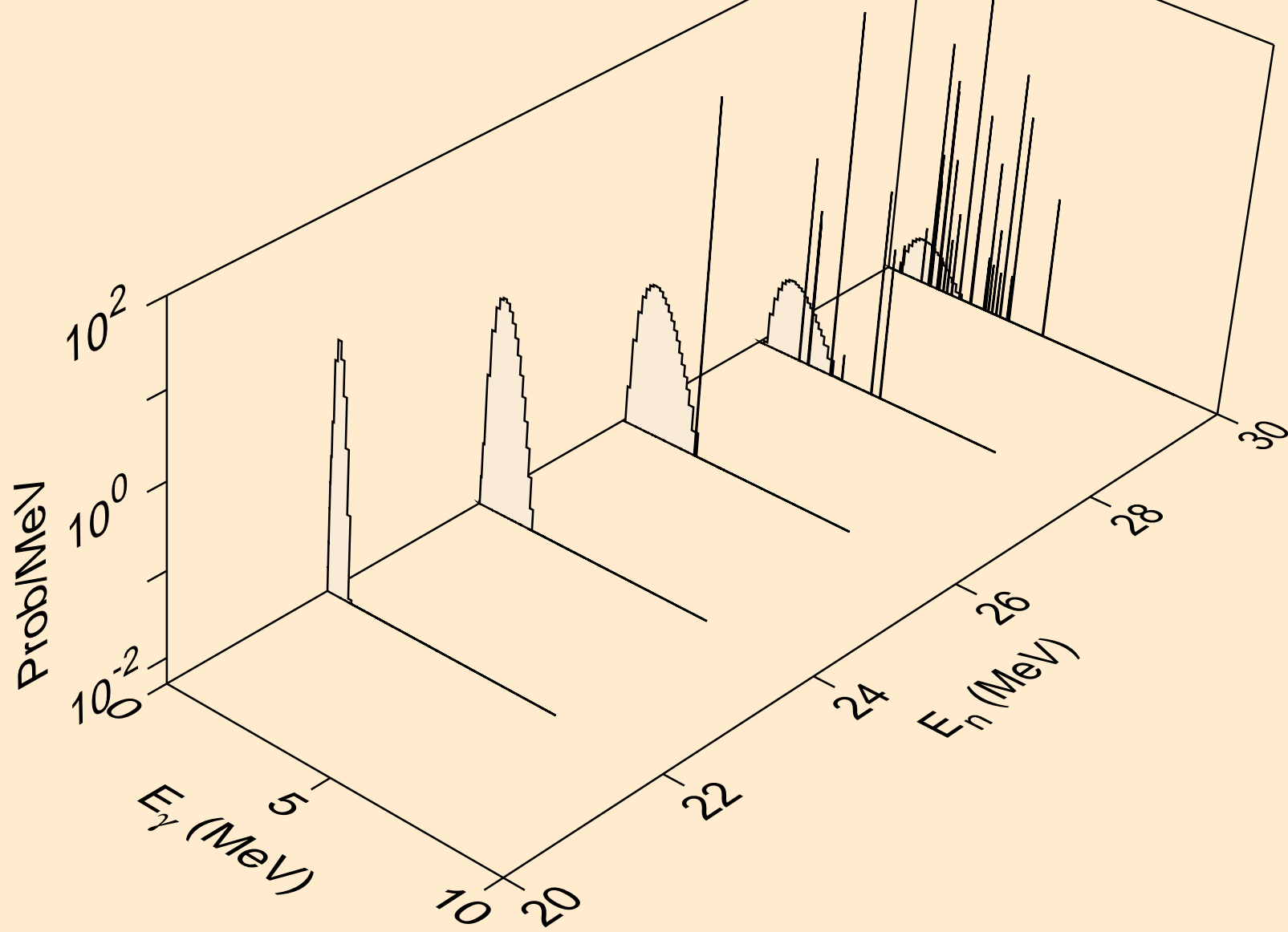




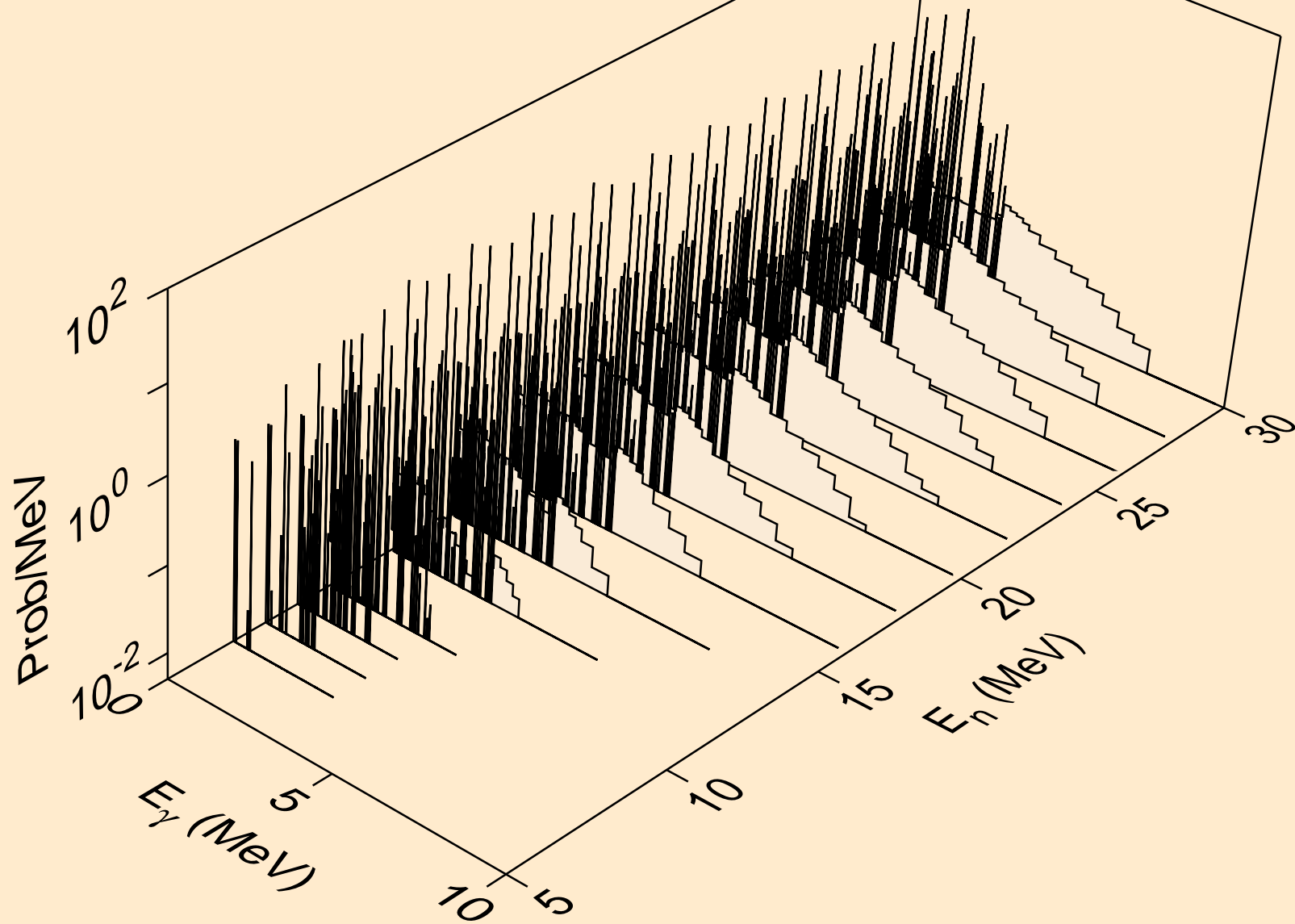
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Photon emission for (z,x)



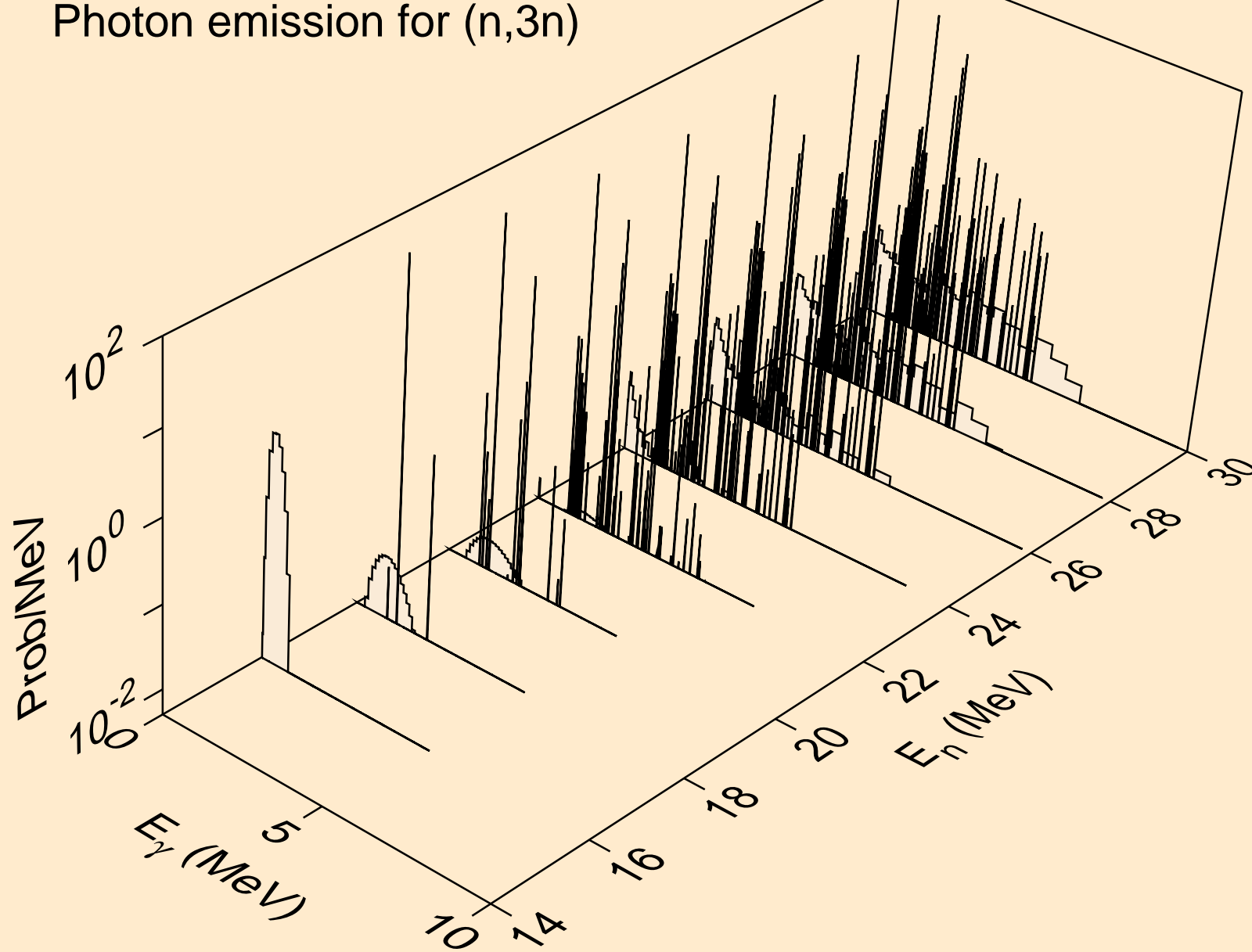
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Photon emission for (n,2nd)



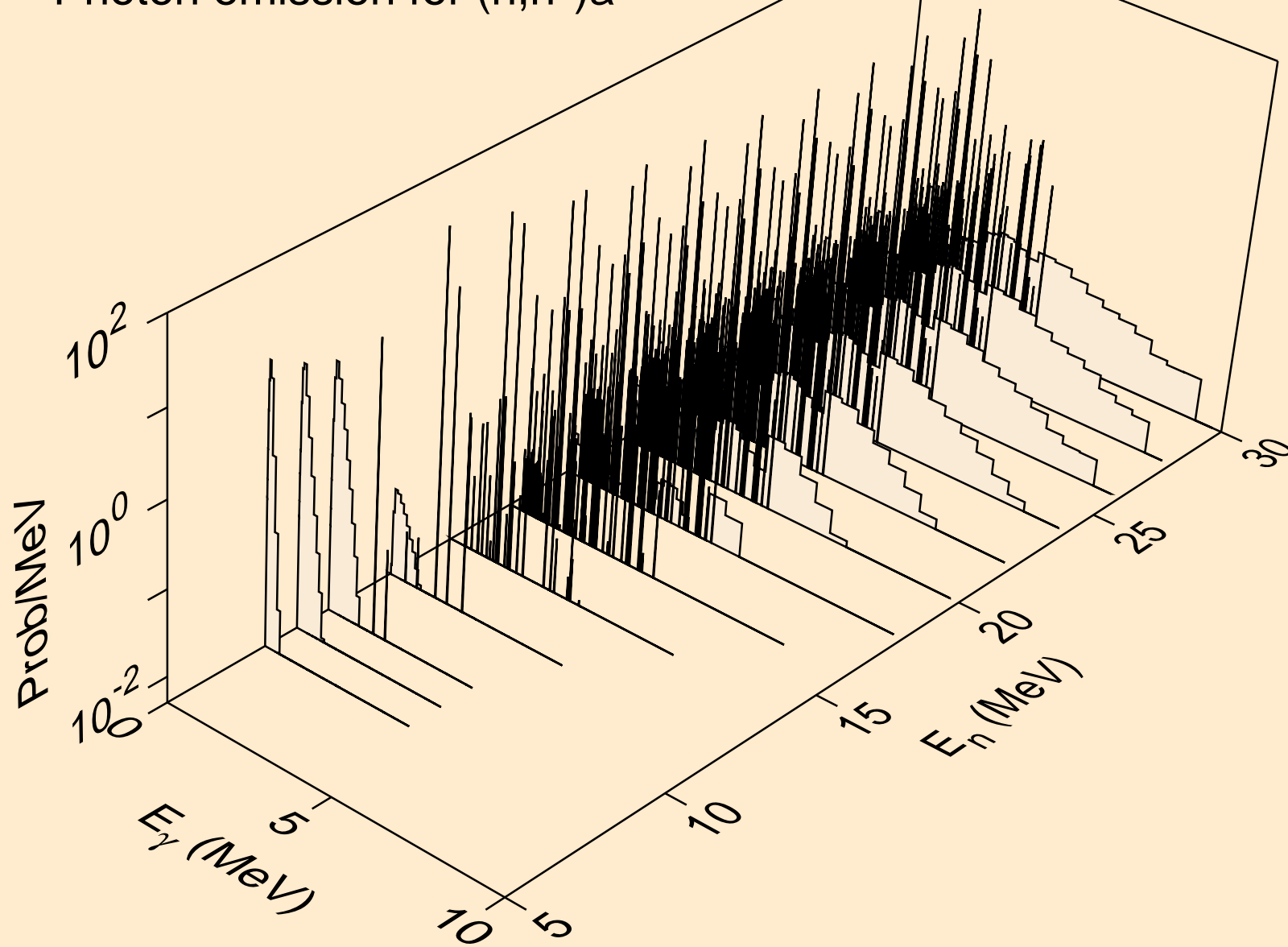
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Photon emission for (n,2n)



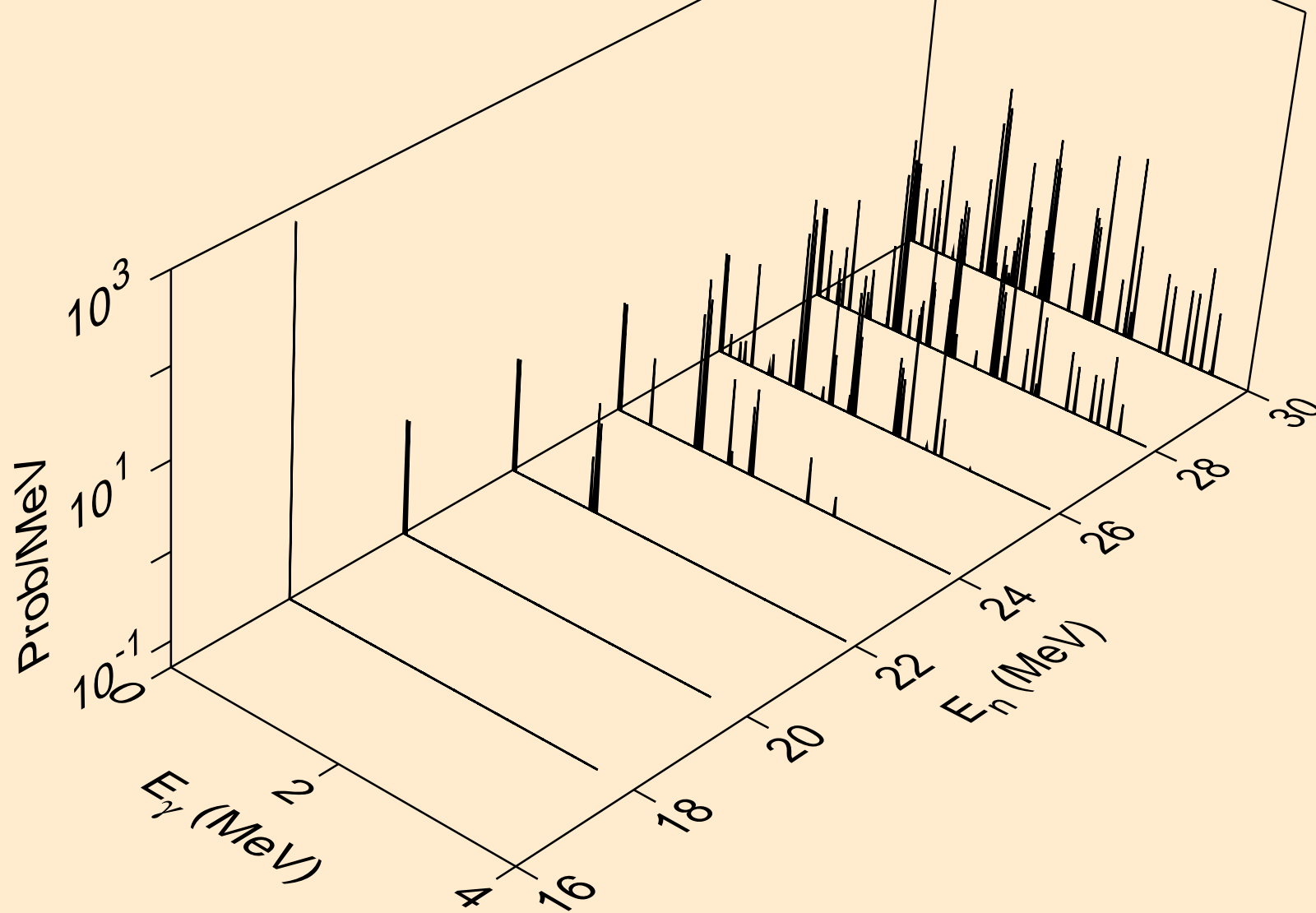
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Photon emission for (n,3n)



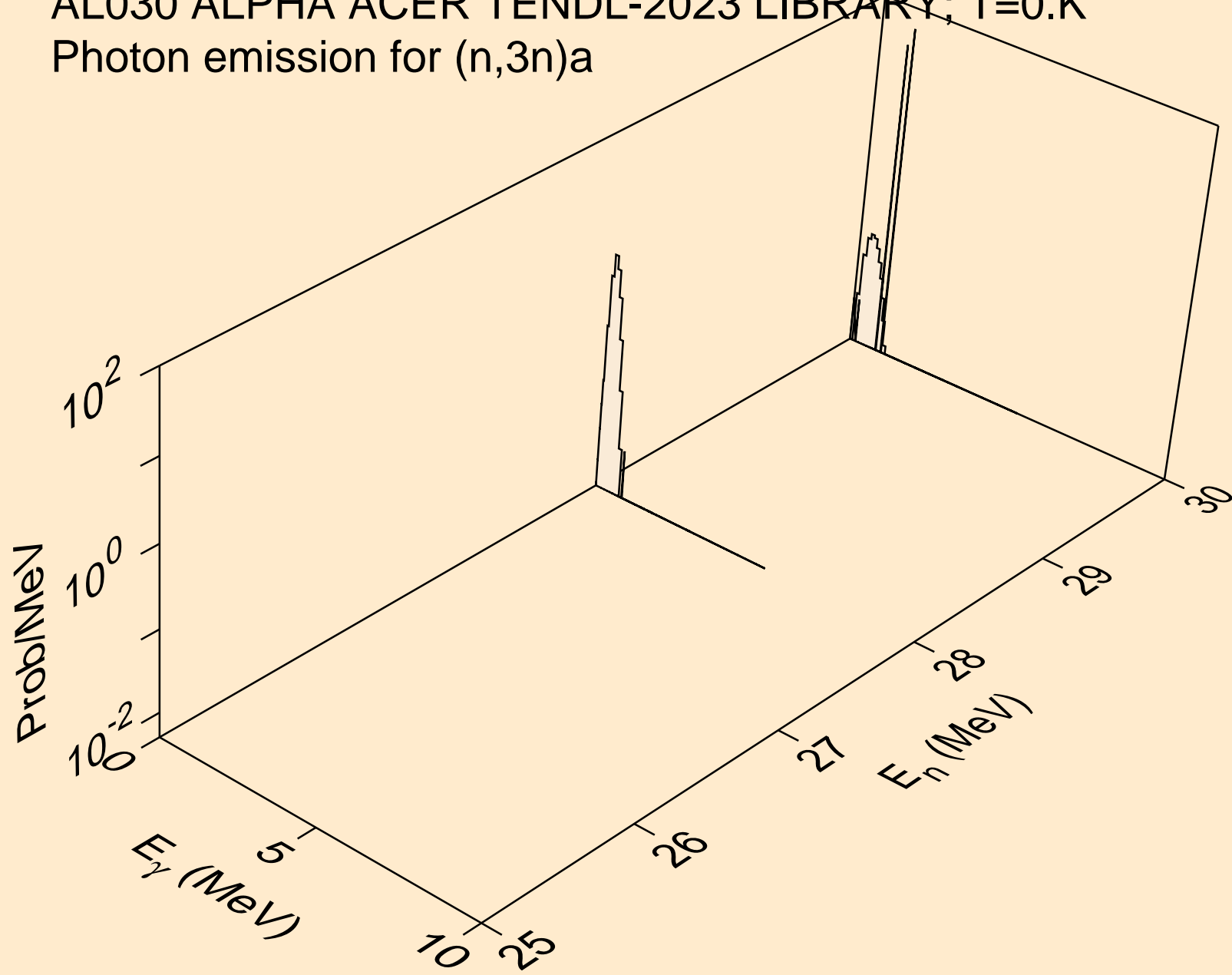
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

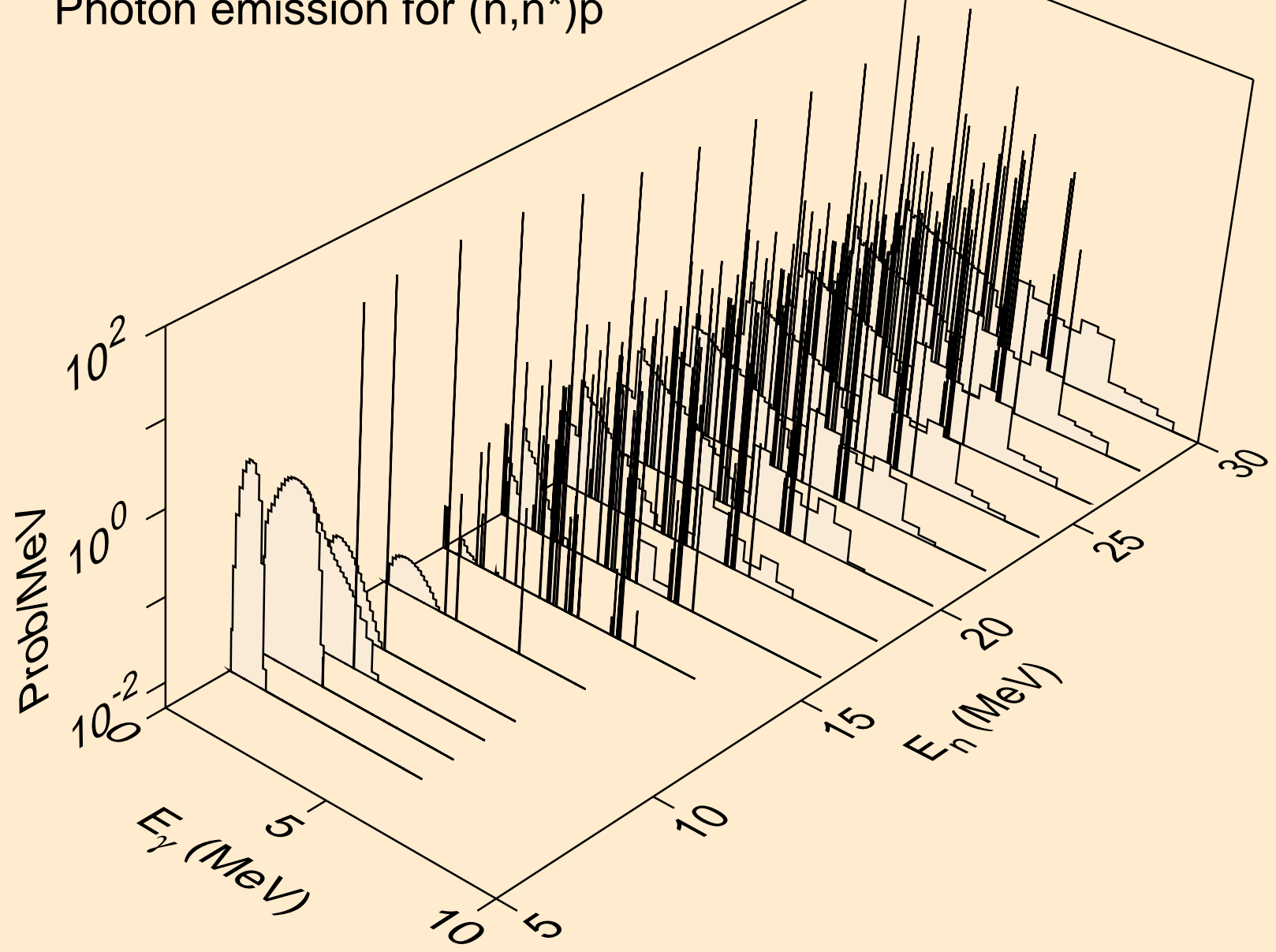


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



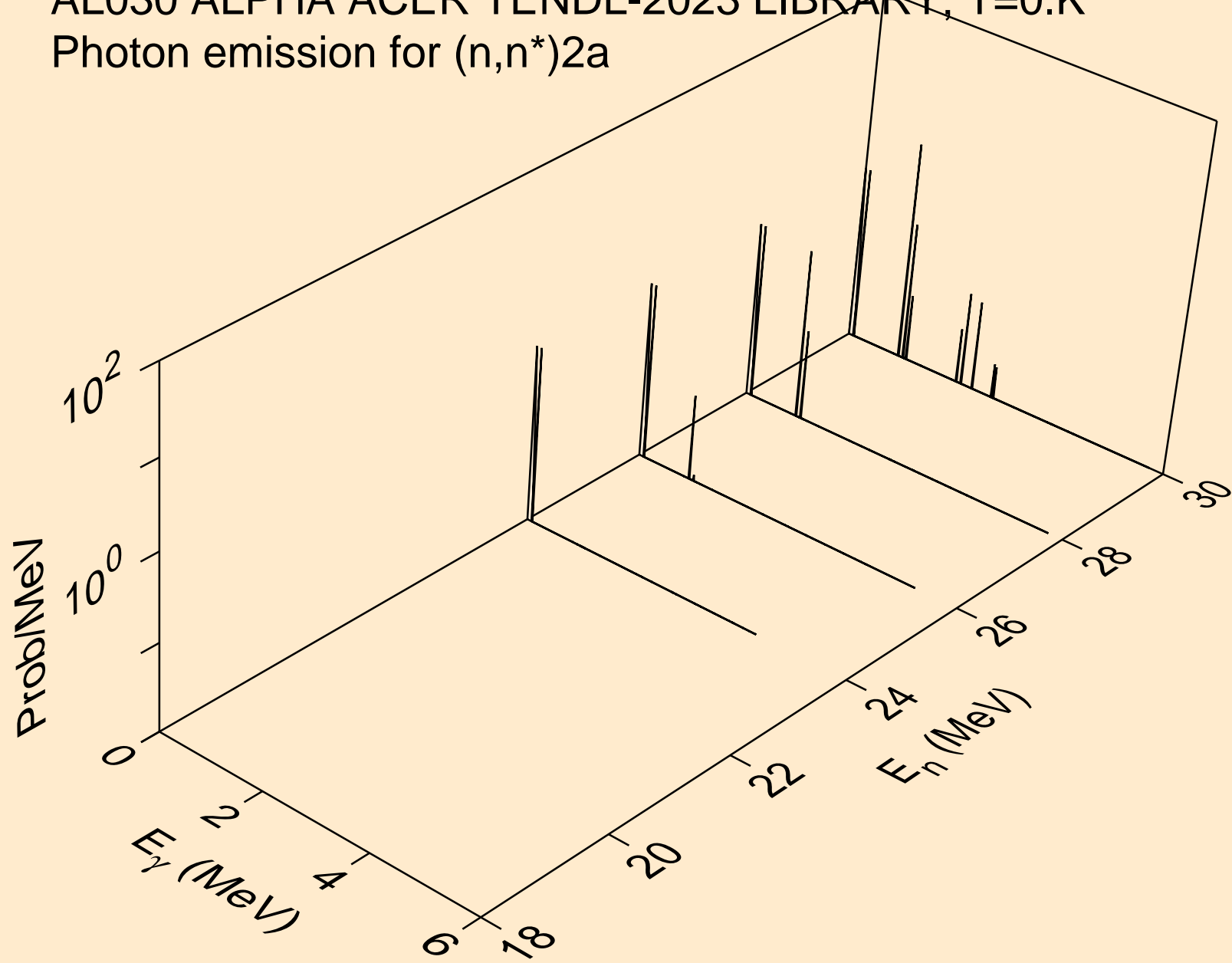
# AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)p

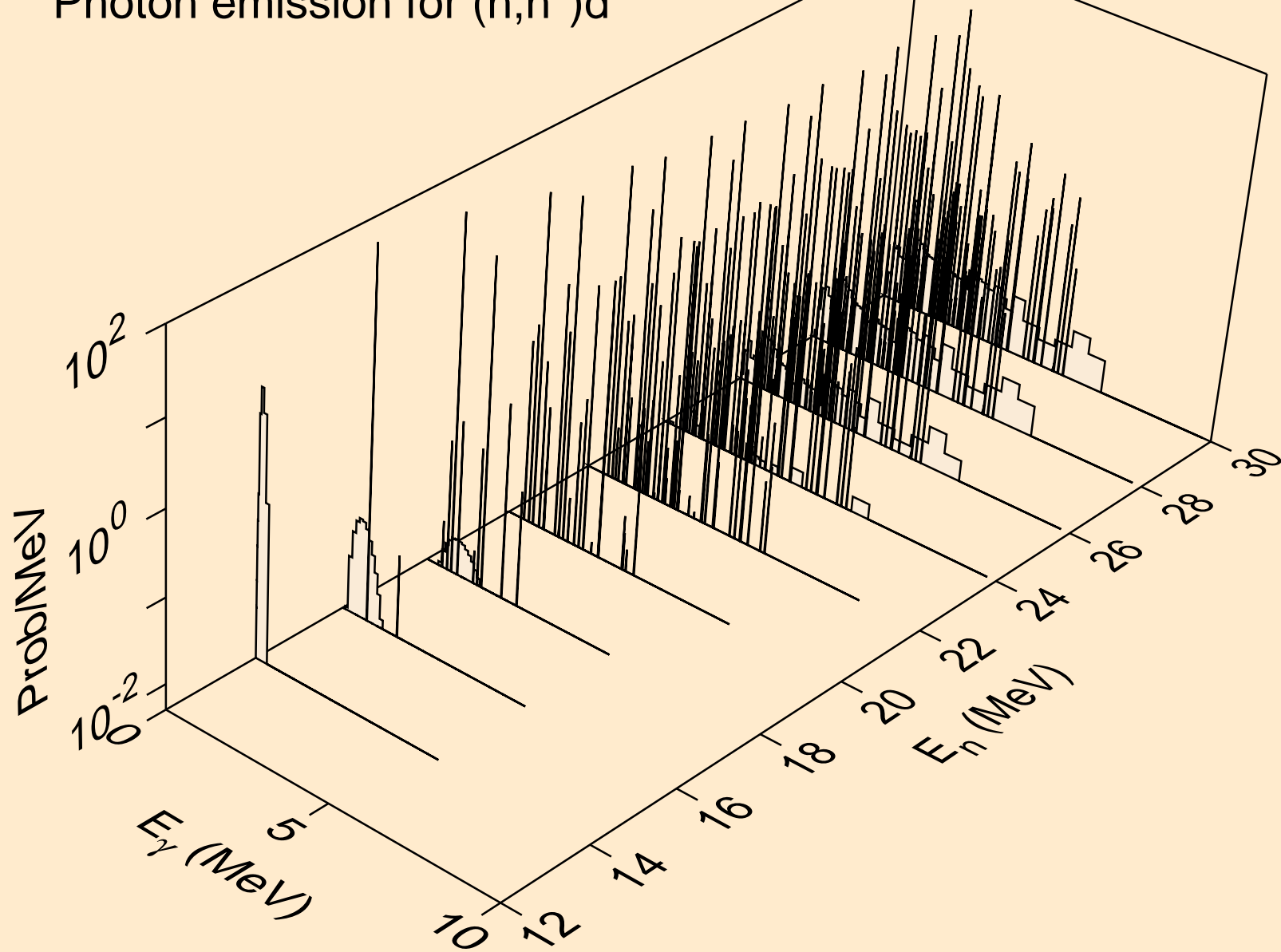




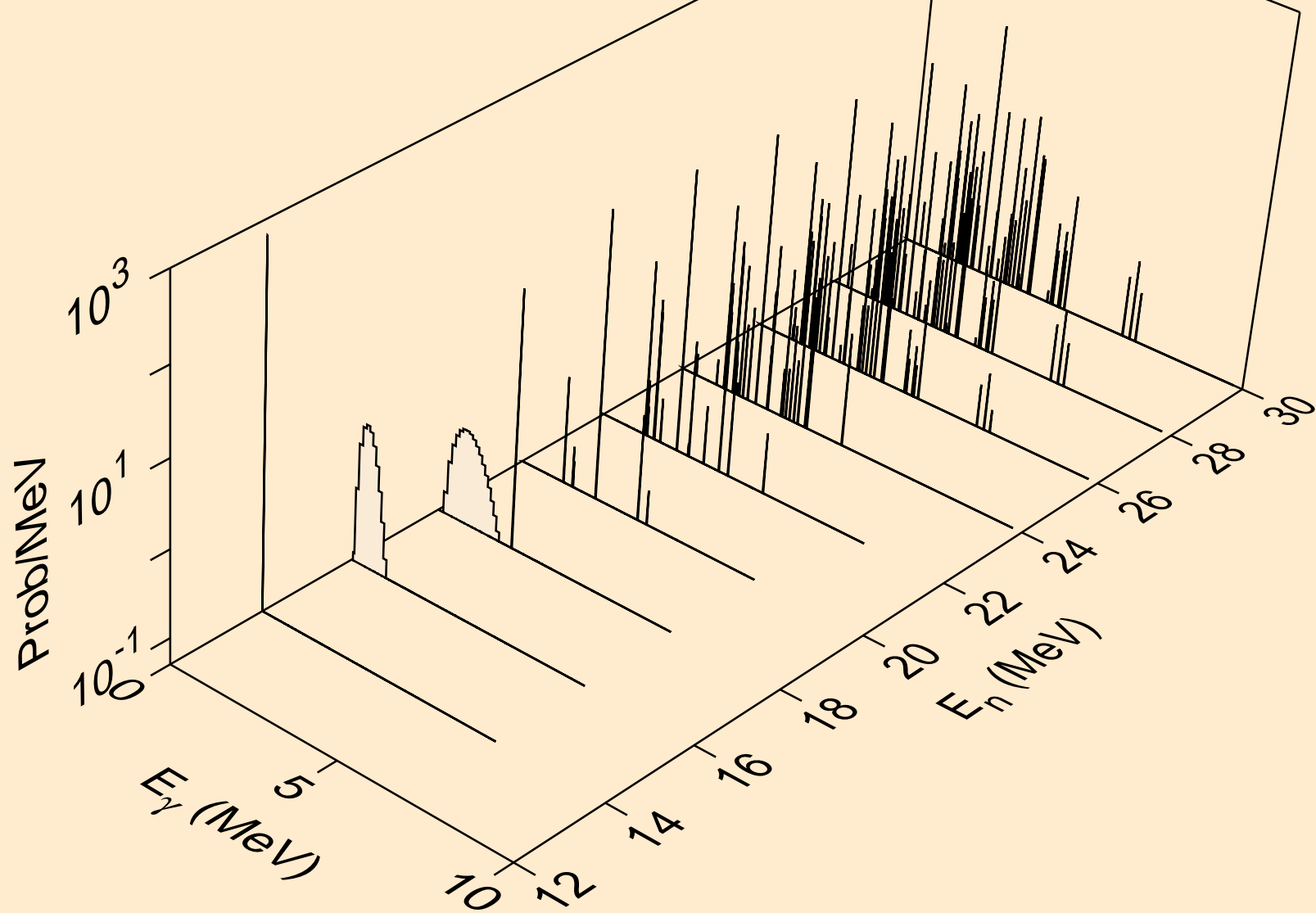
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



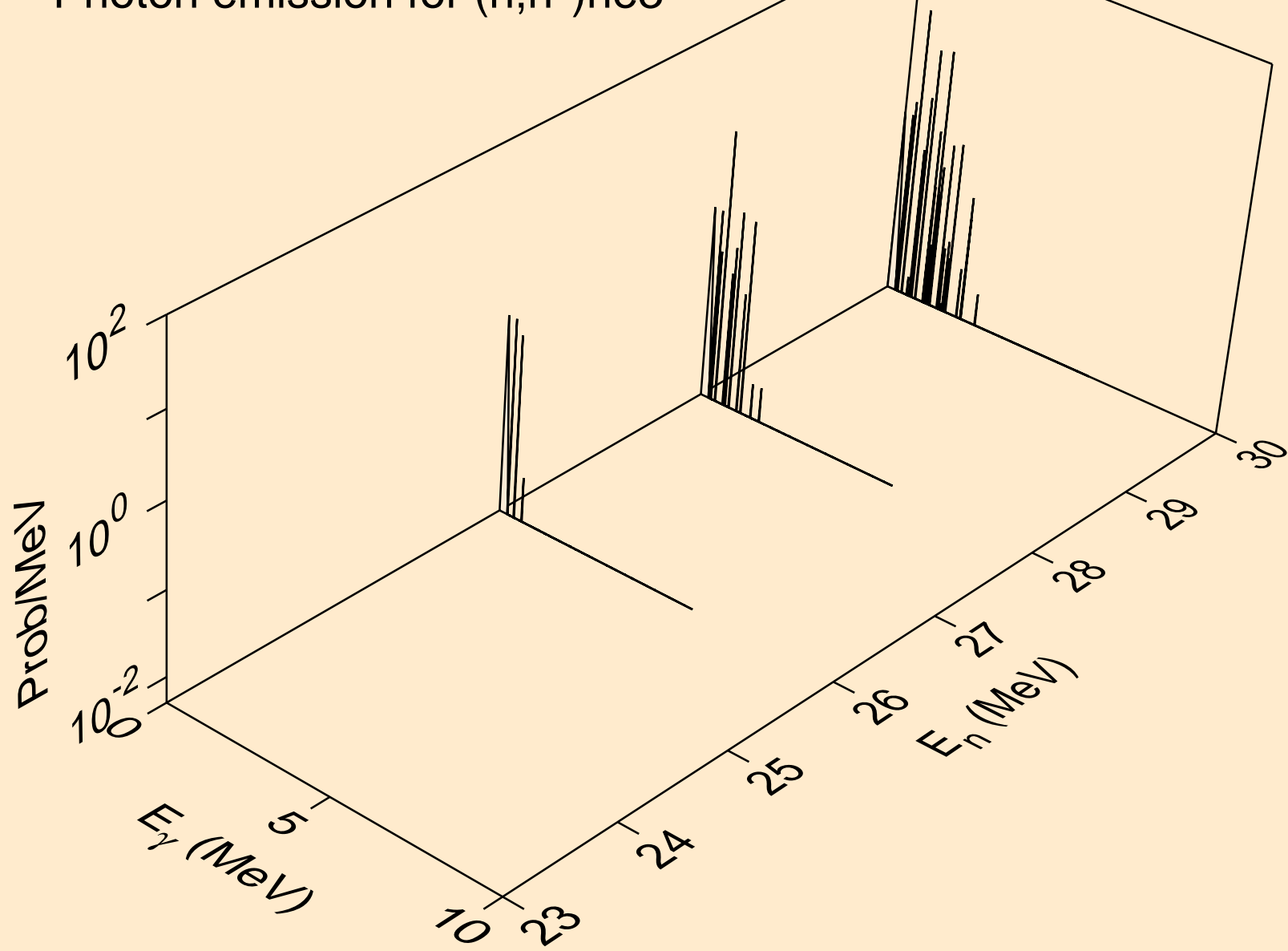
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



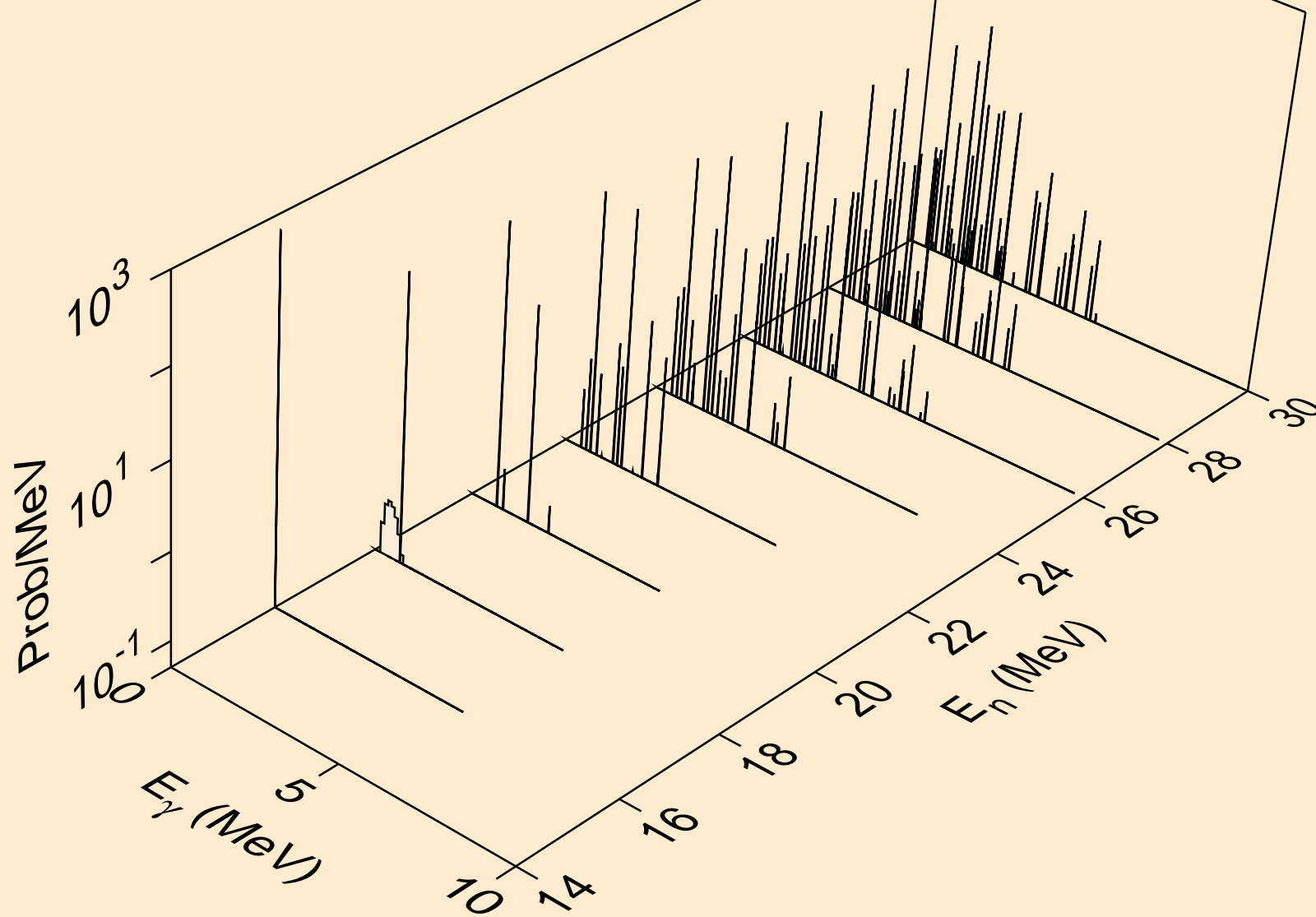
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



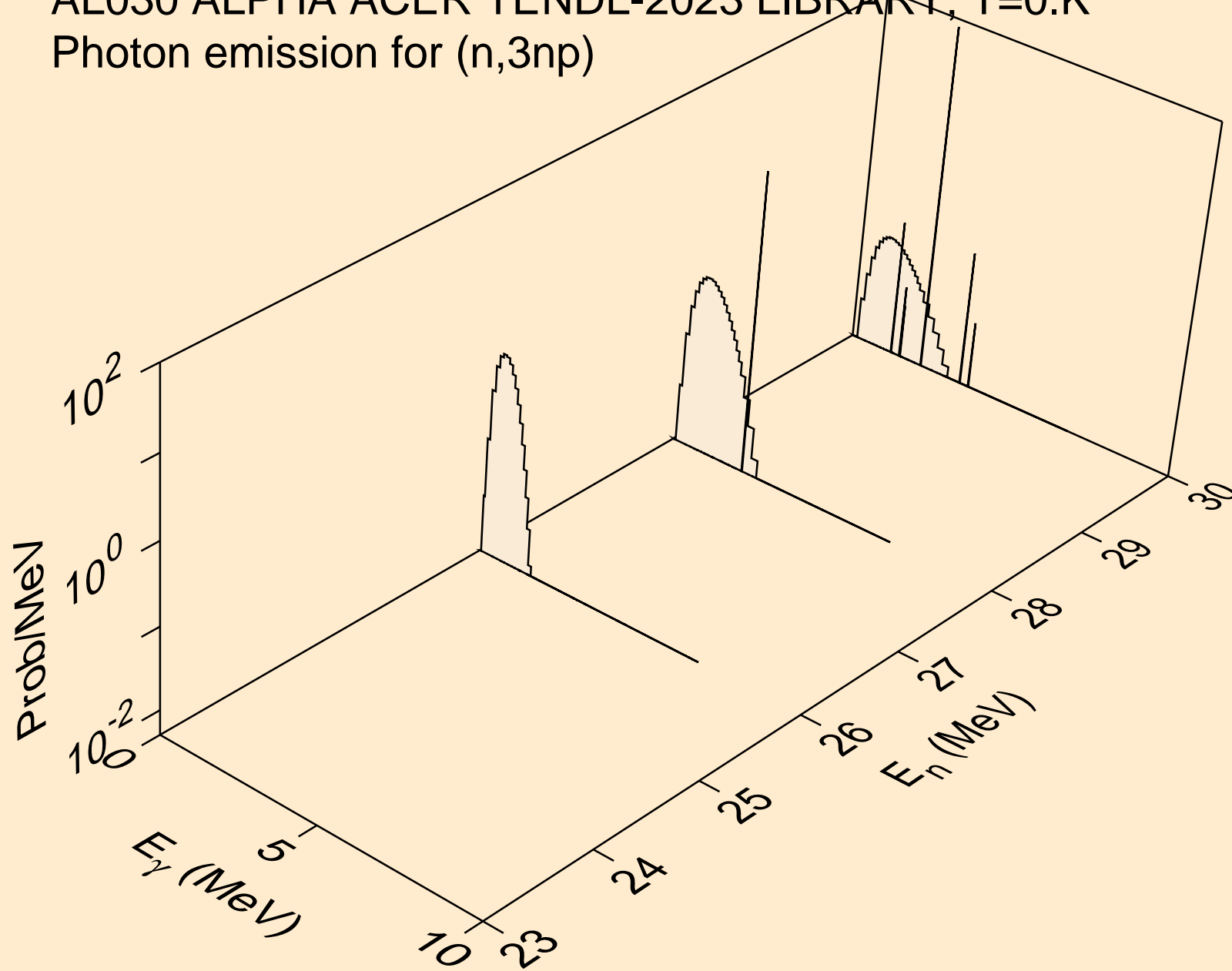
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

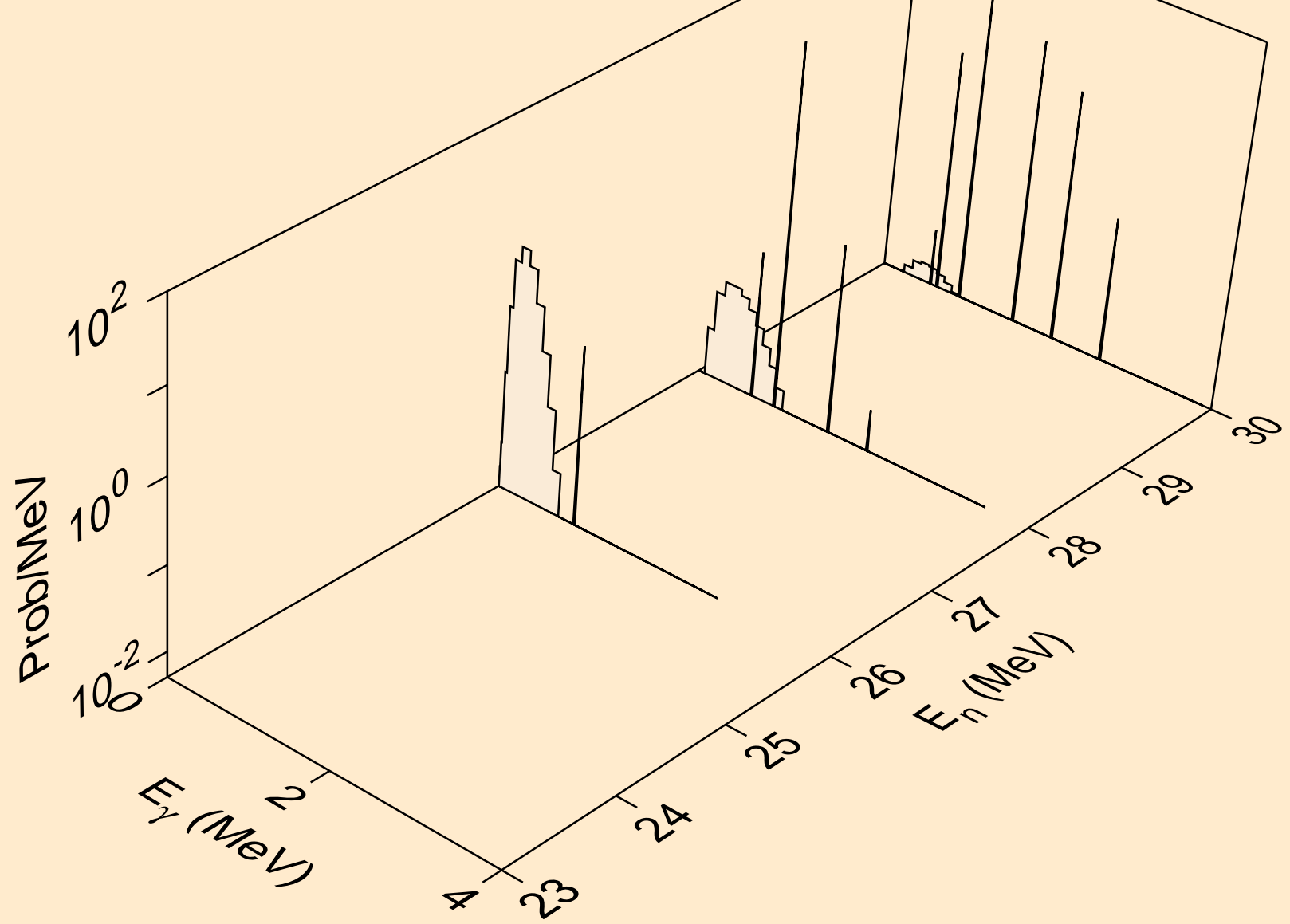


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Photon emission for (n,3np)

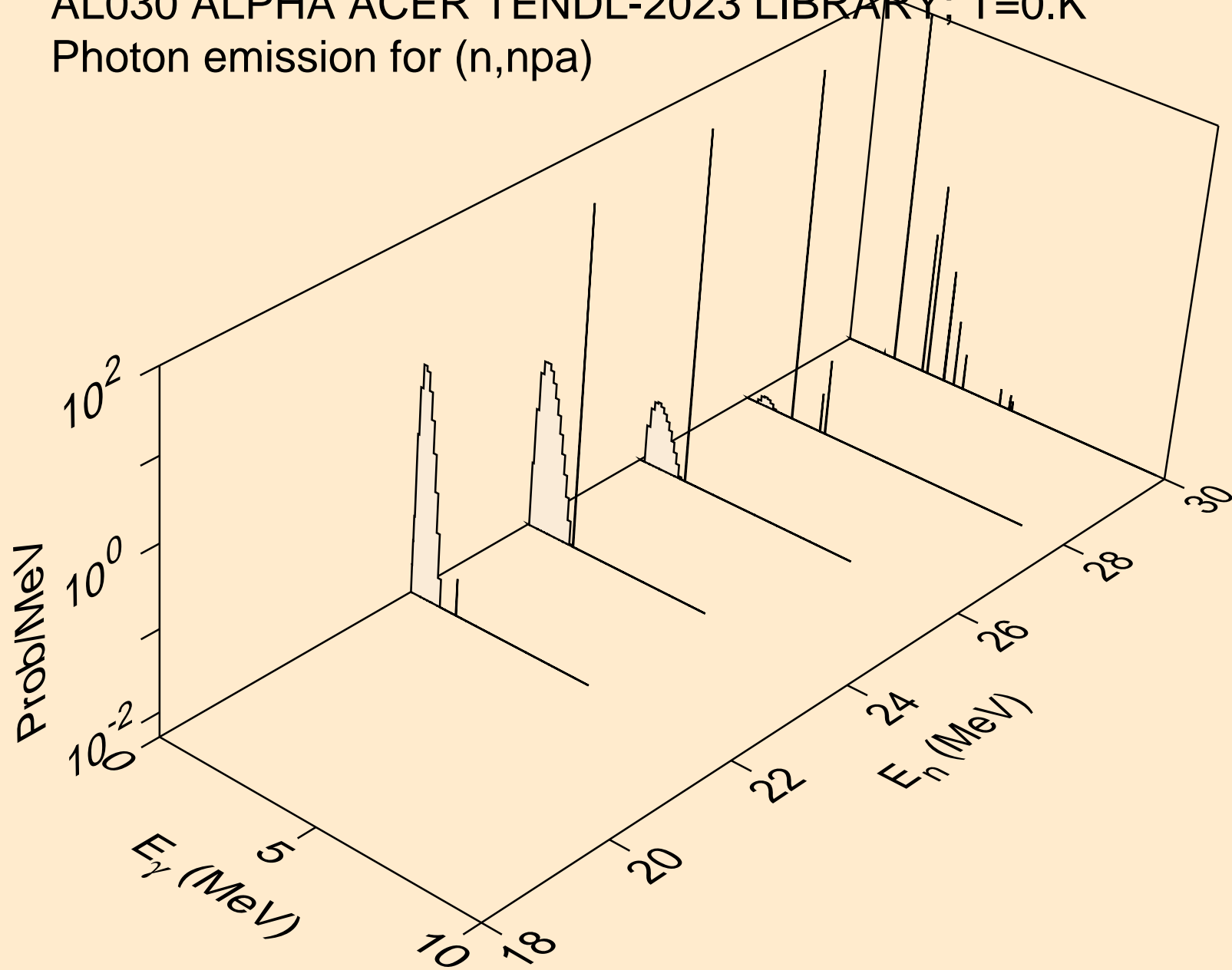


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n2p)

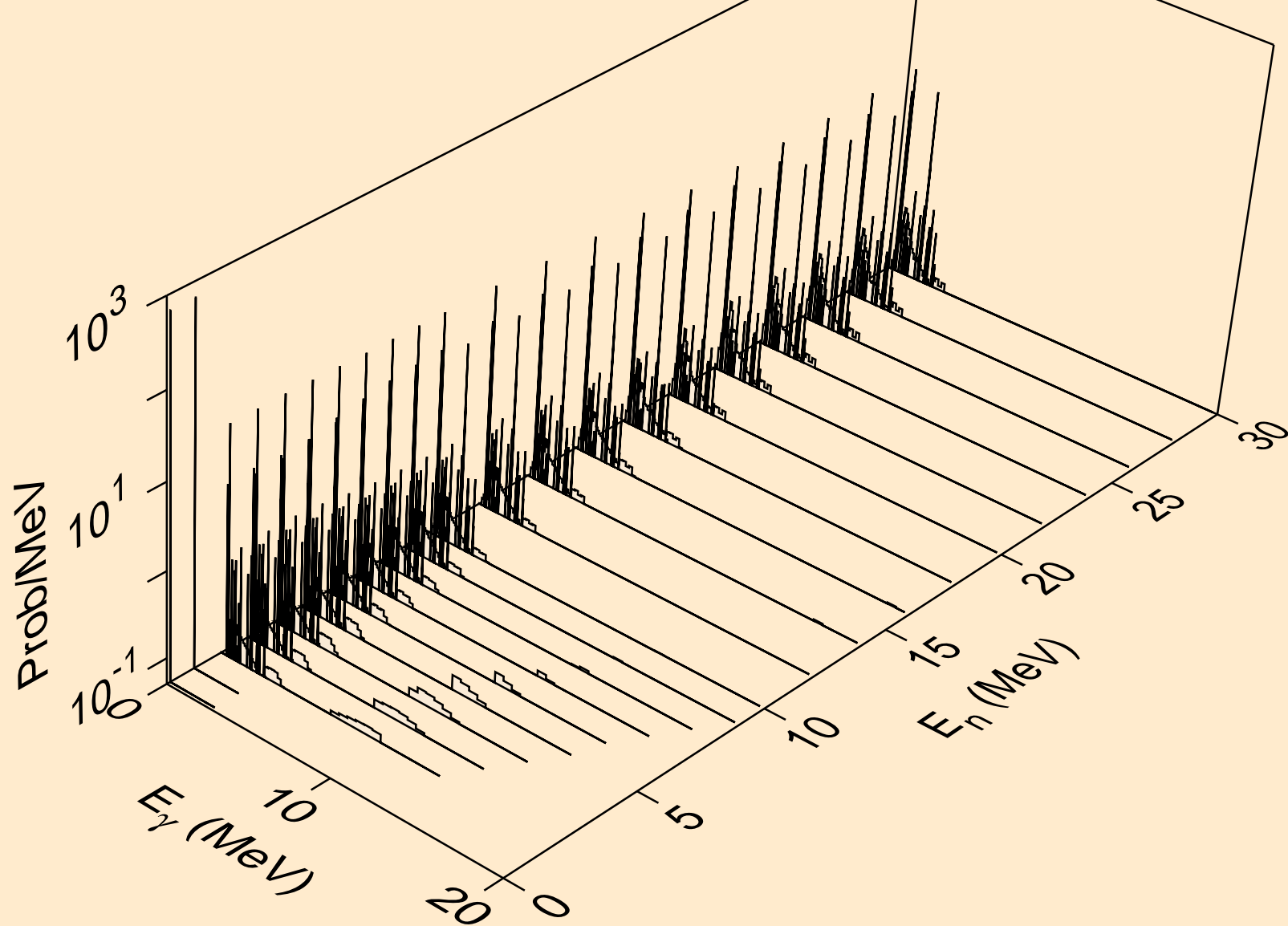


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

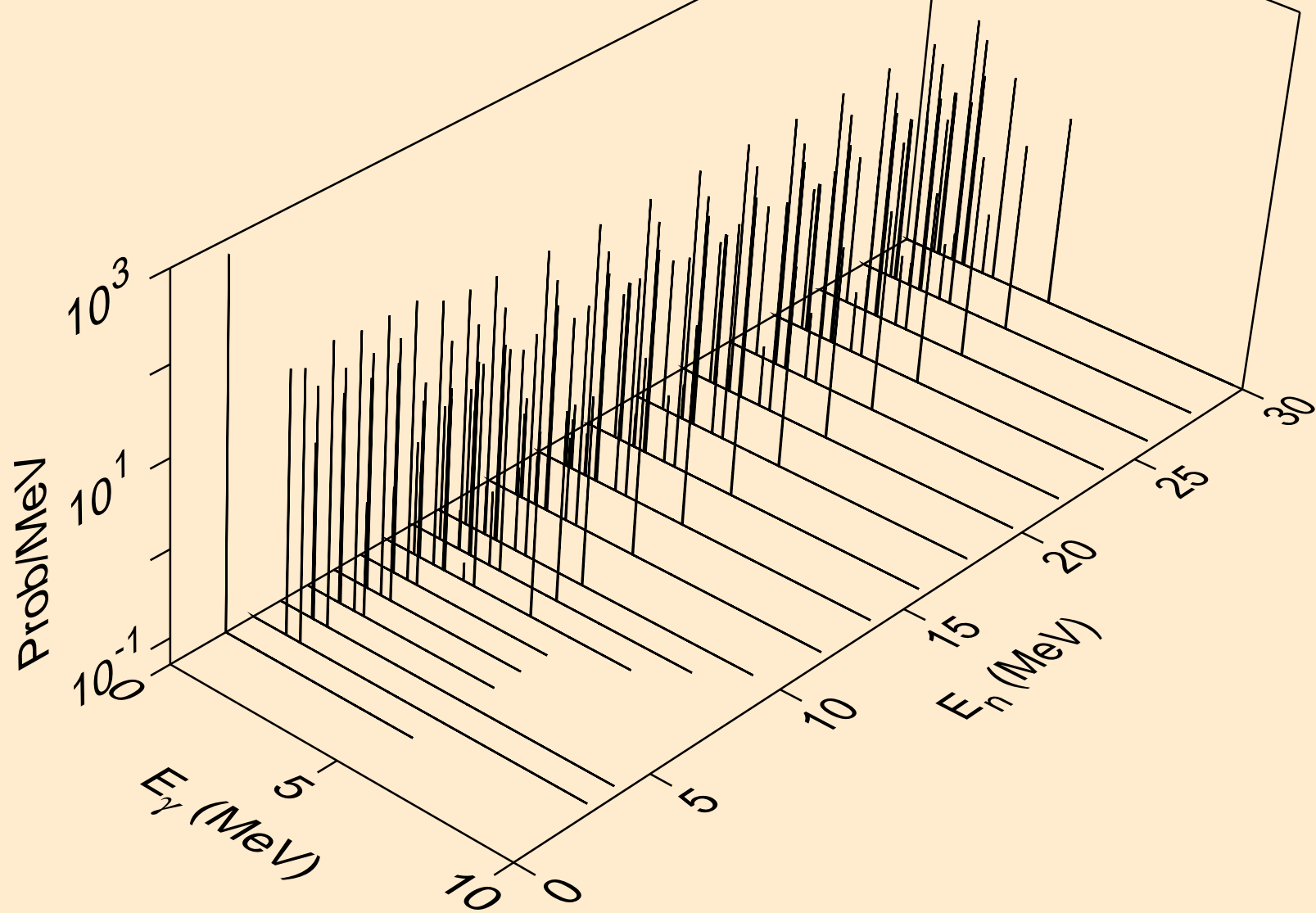




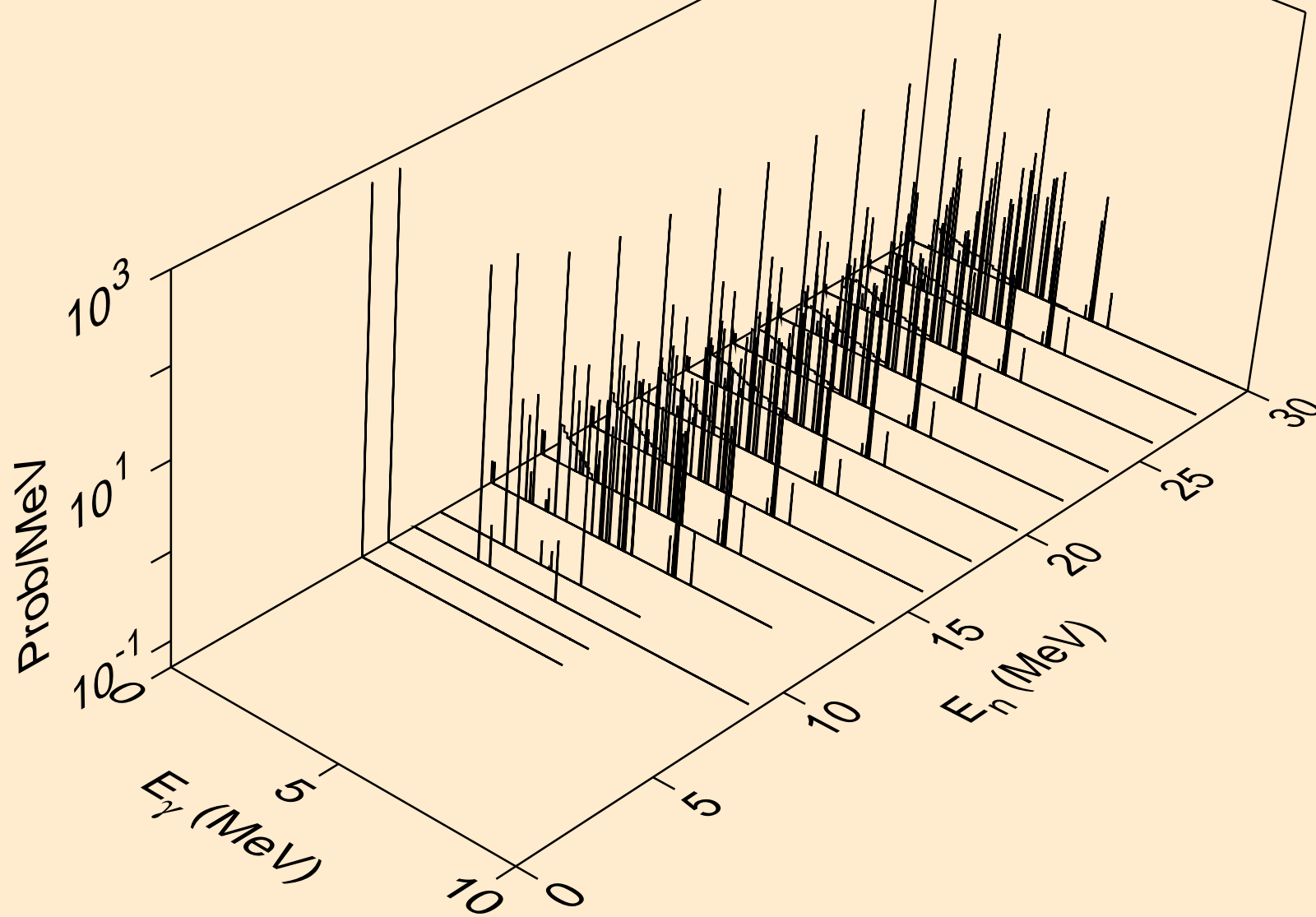
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



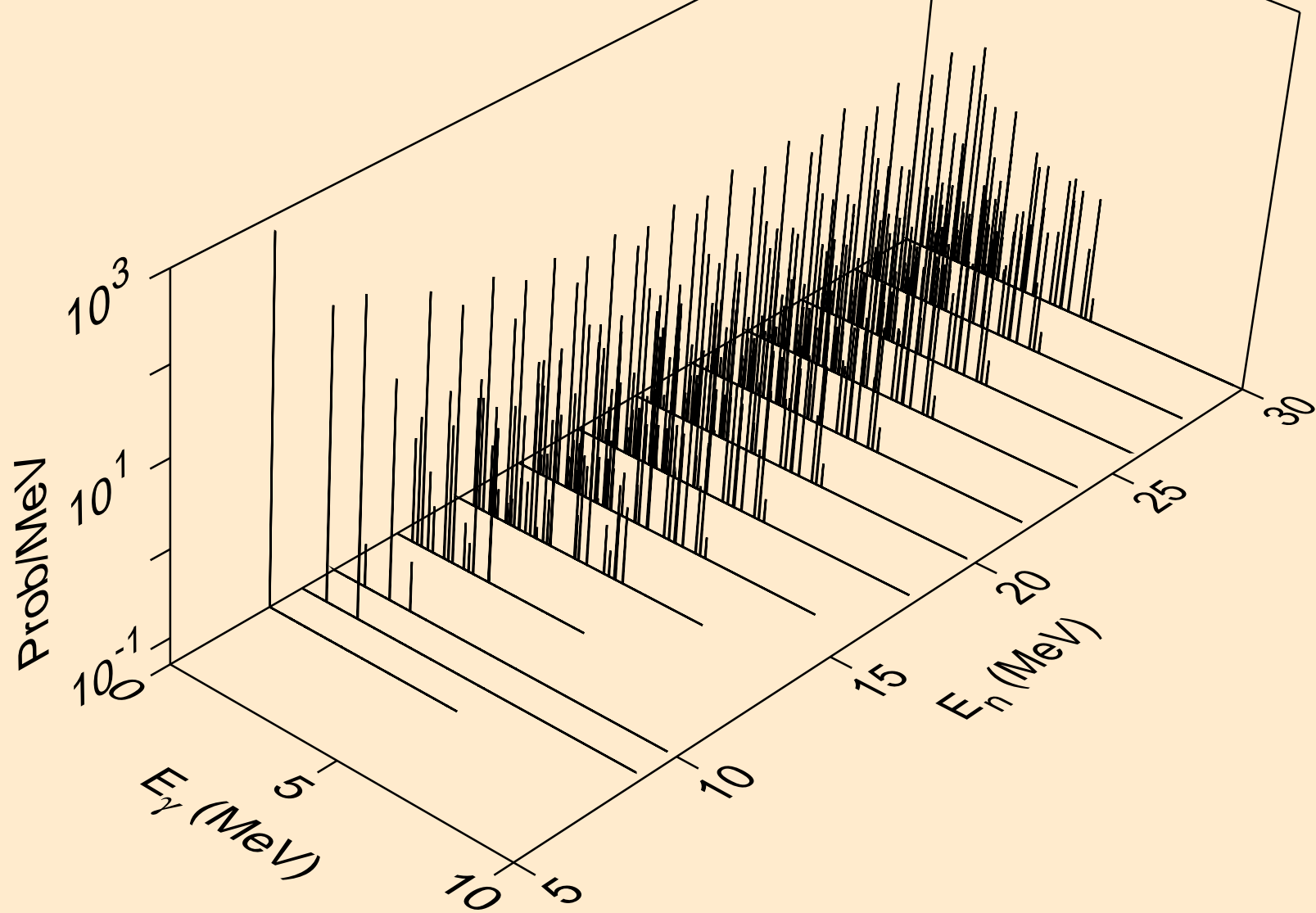
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Photon emission for (n,p)



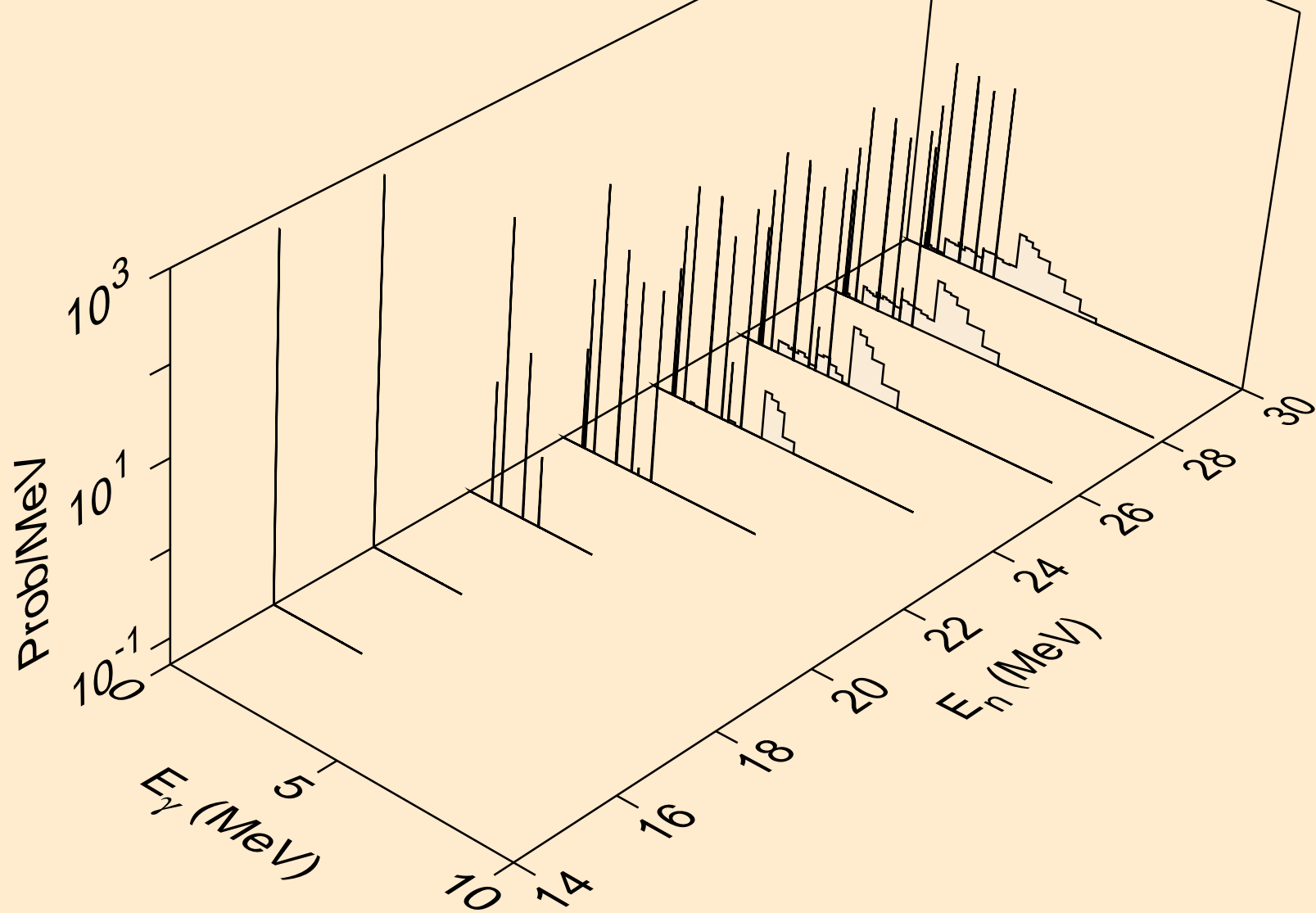
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Photon emission for (n,d)



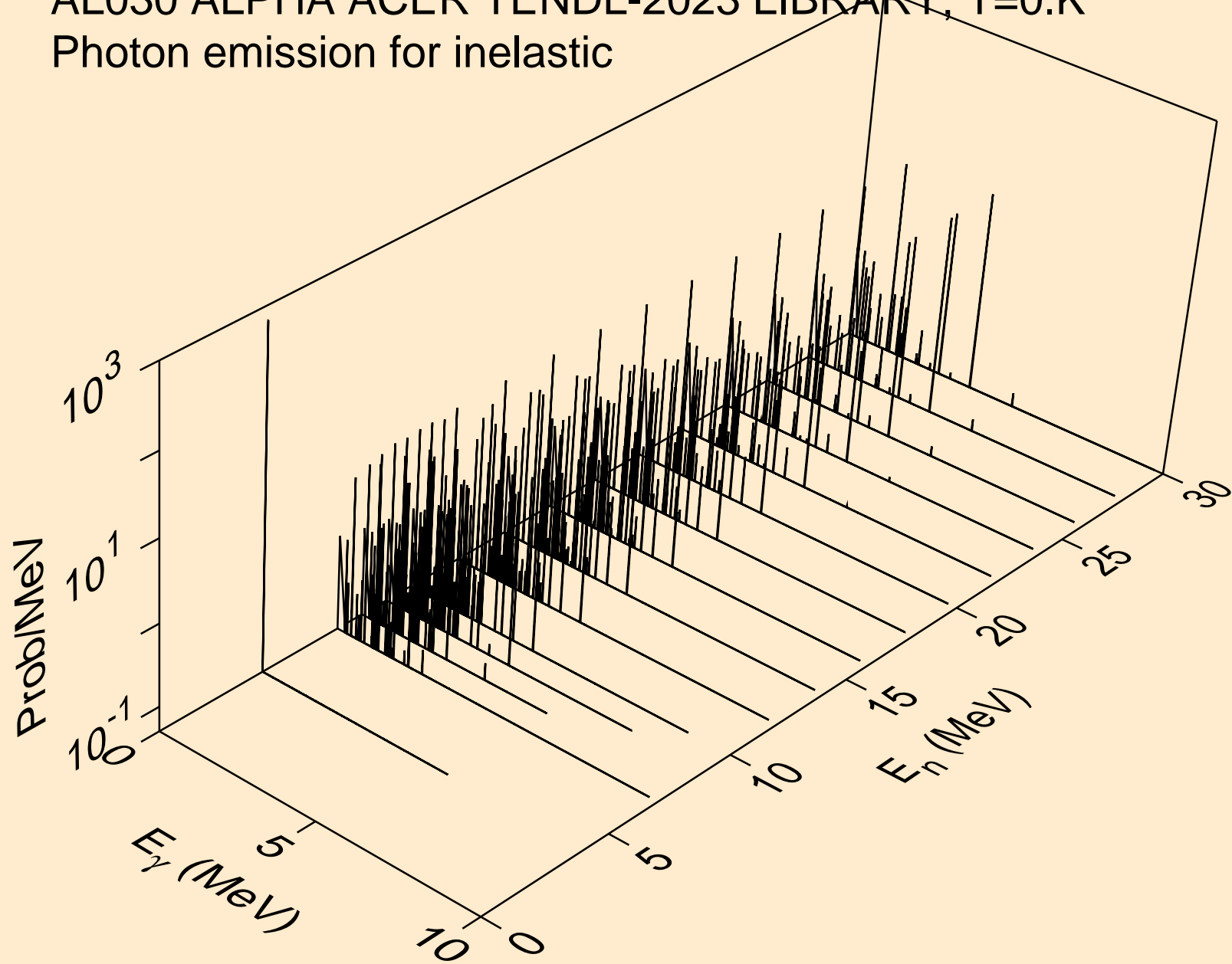
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Photon emission for (n,t)



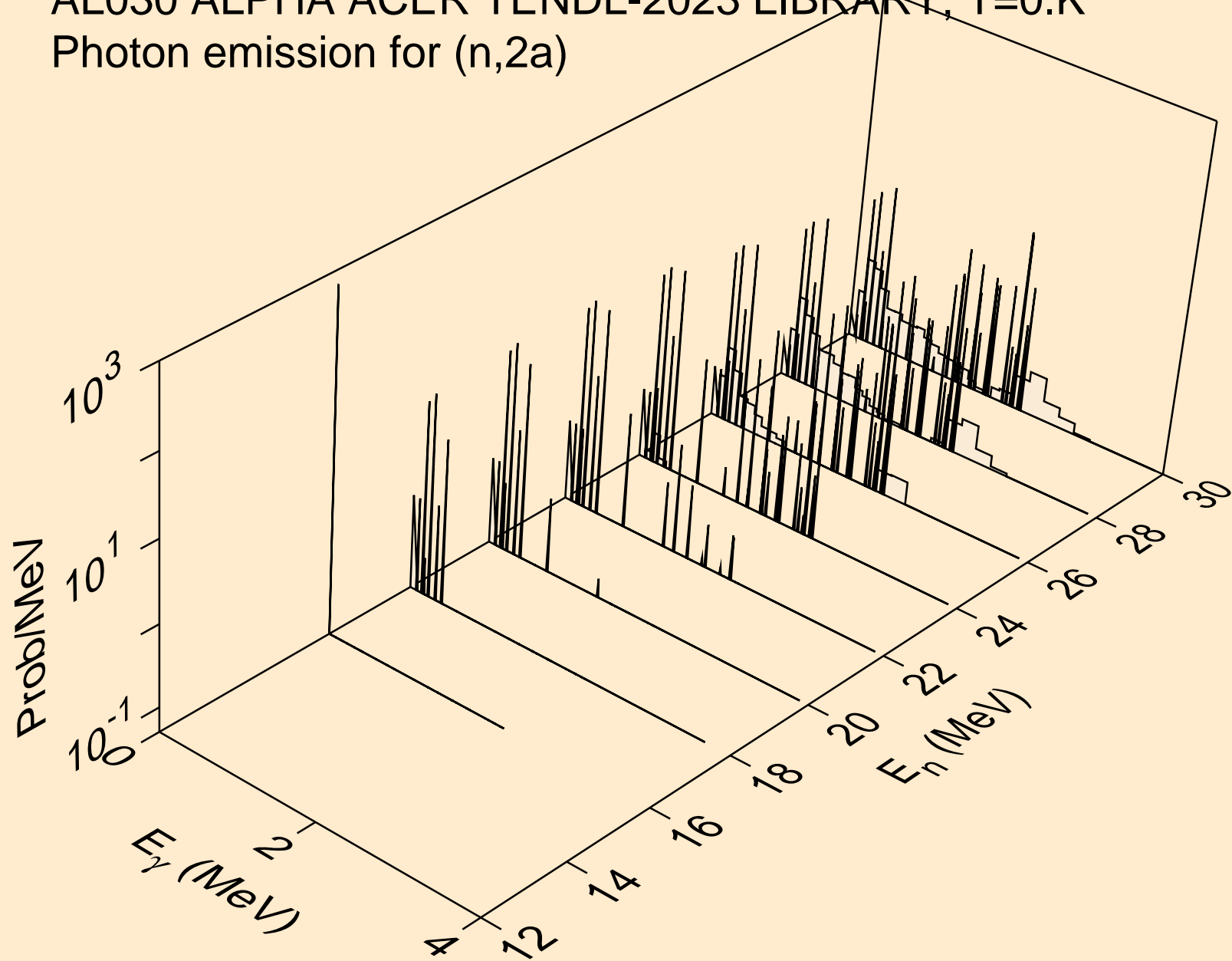
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



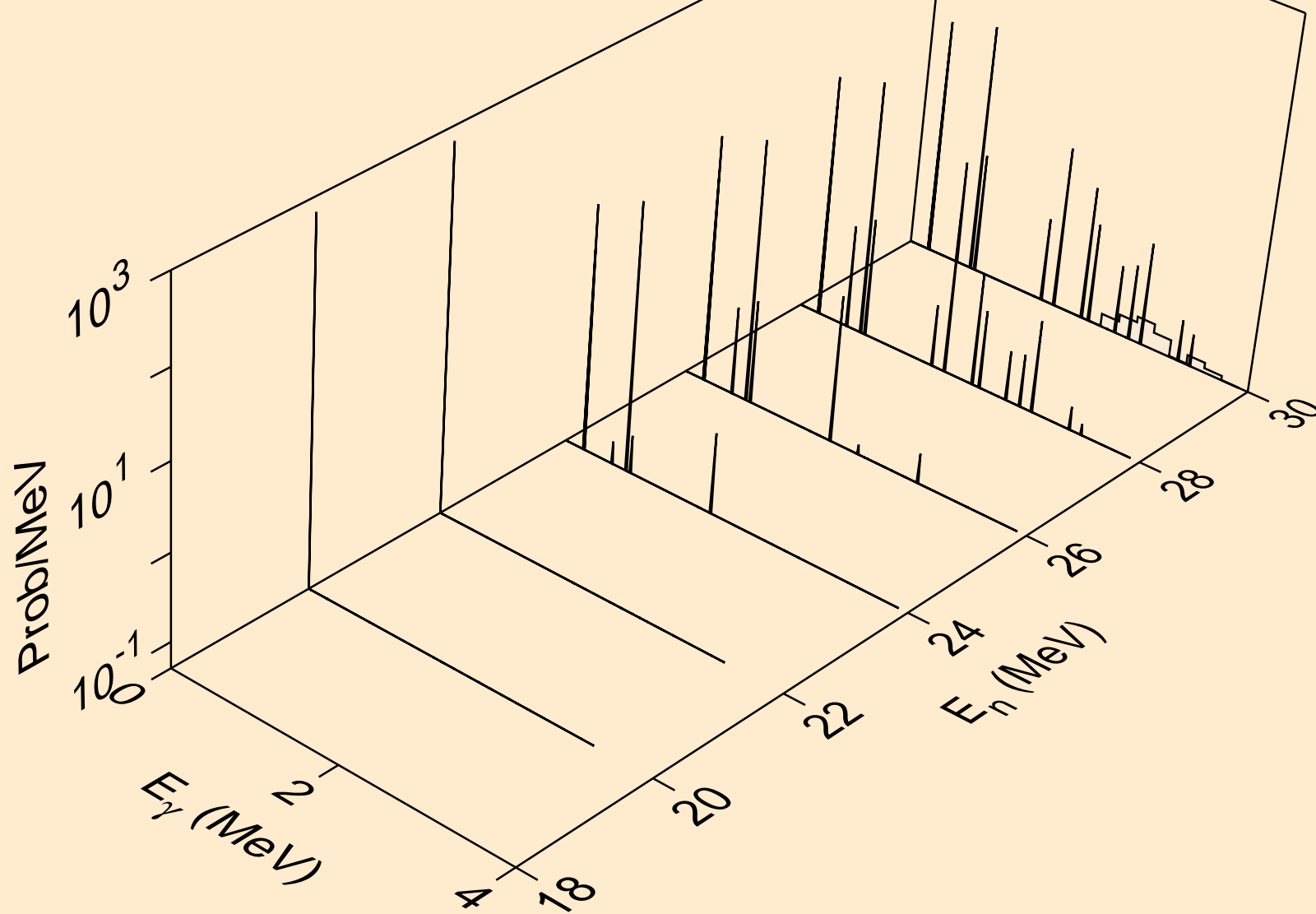
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

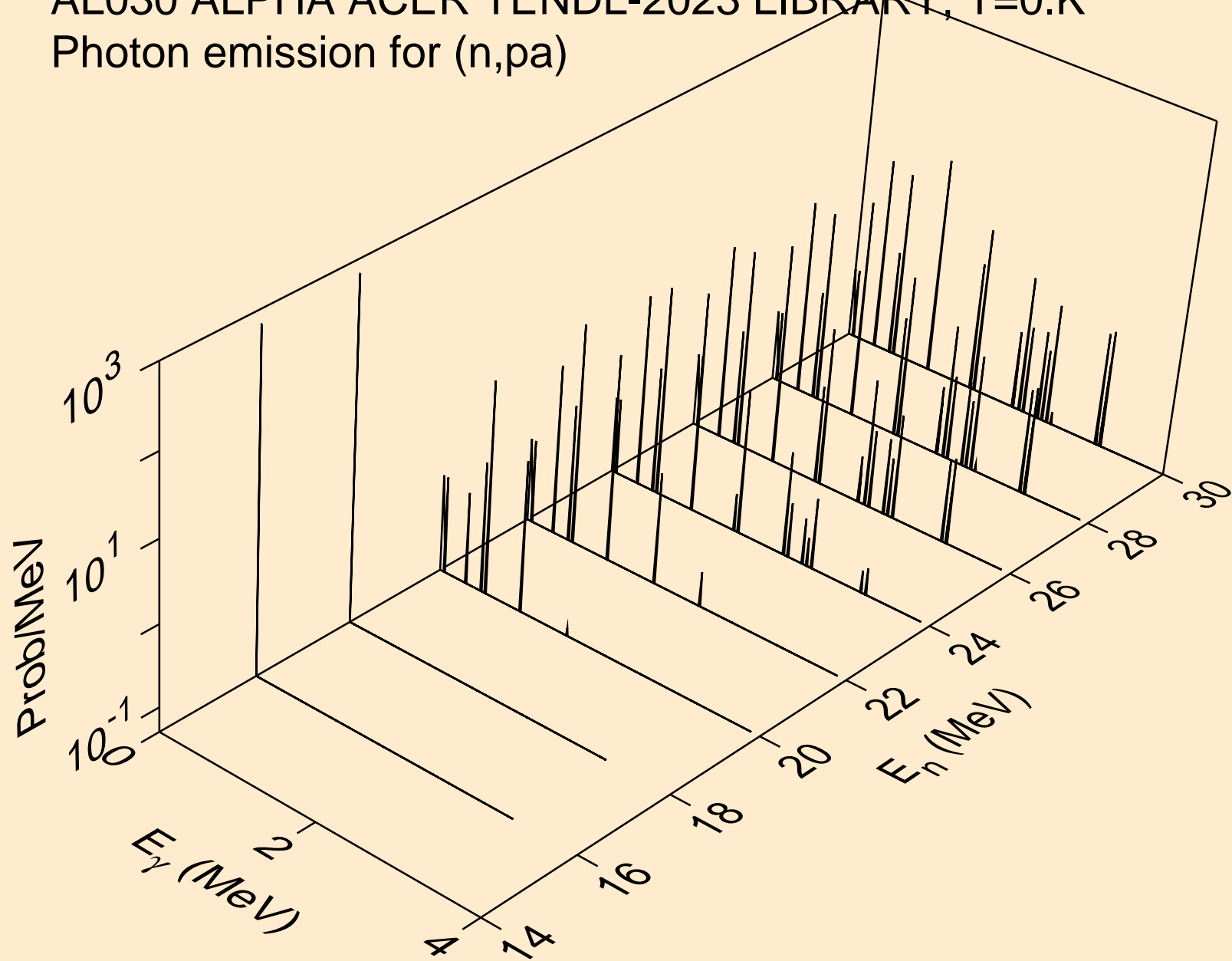


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

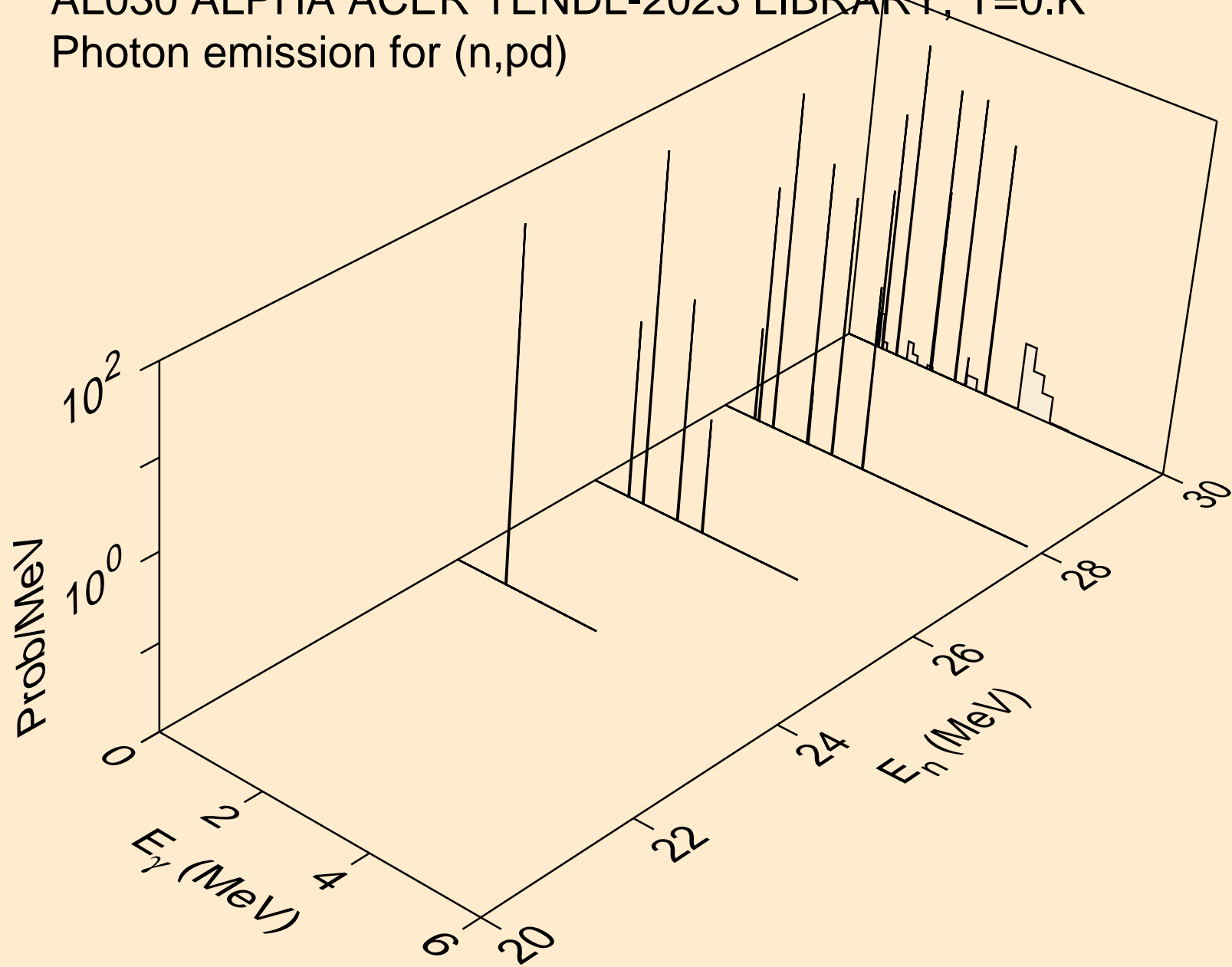




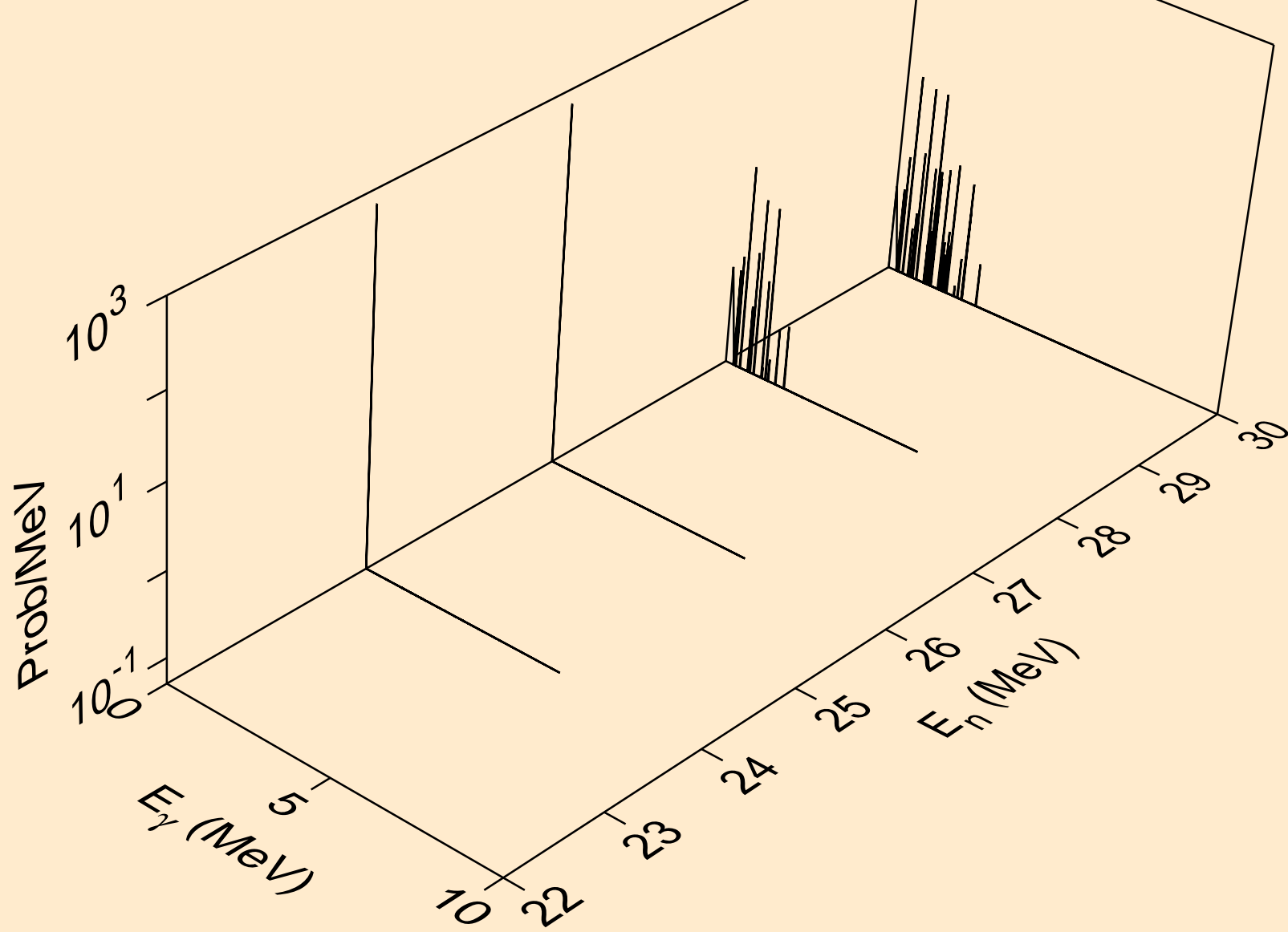
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Photon emission for (n,pa)



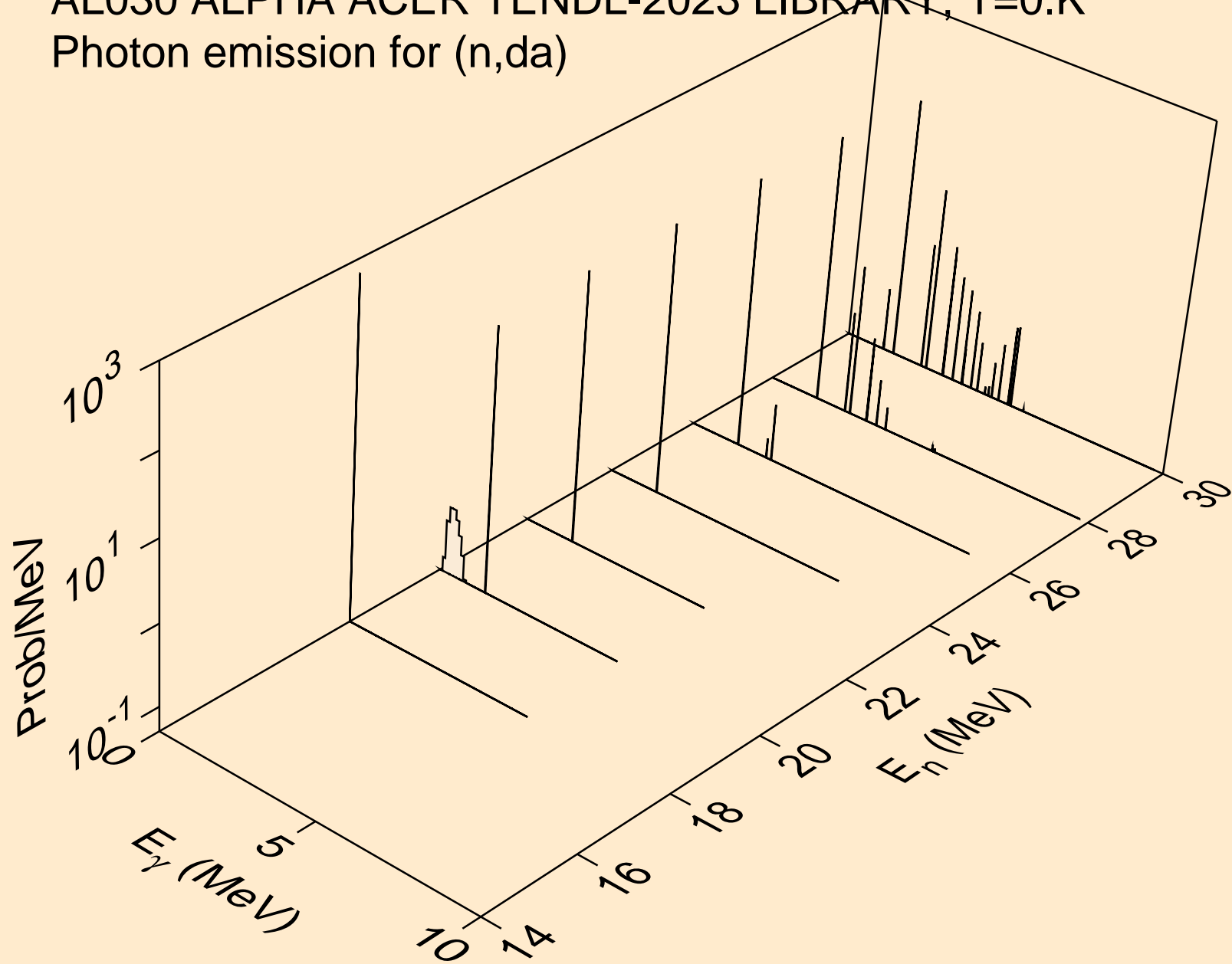
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



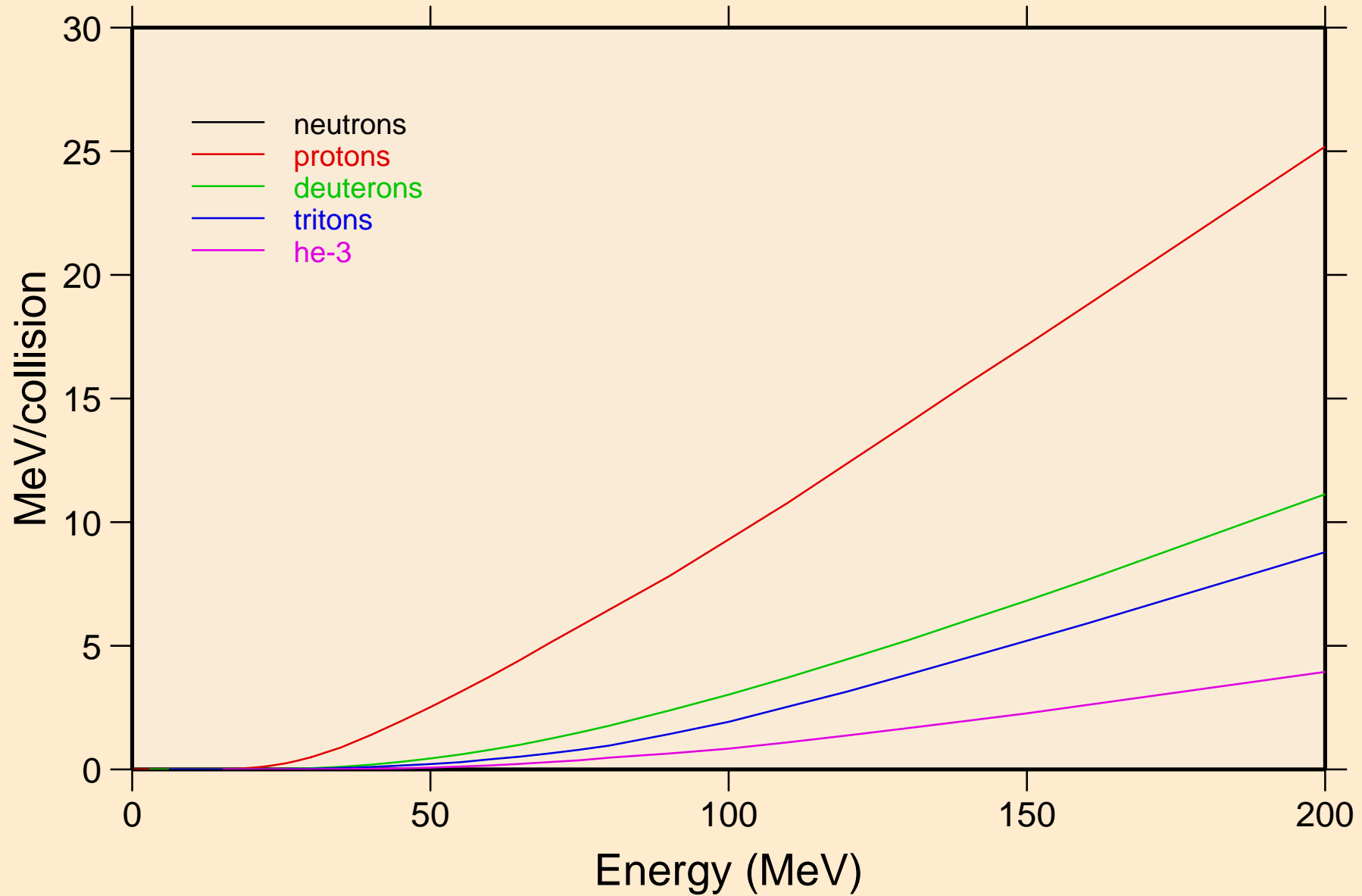
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



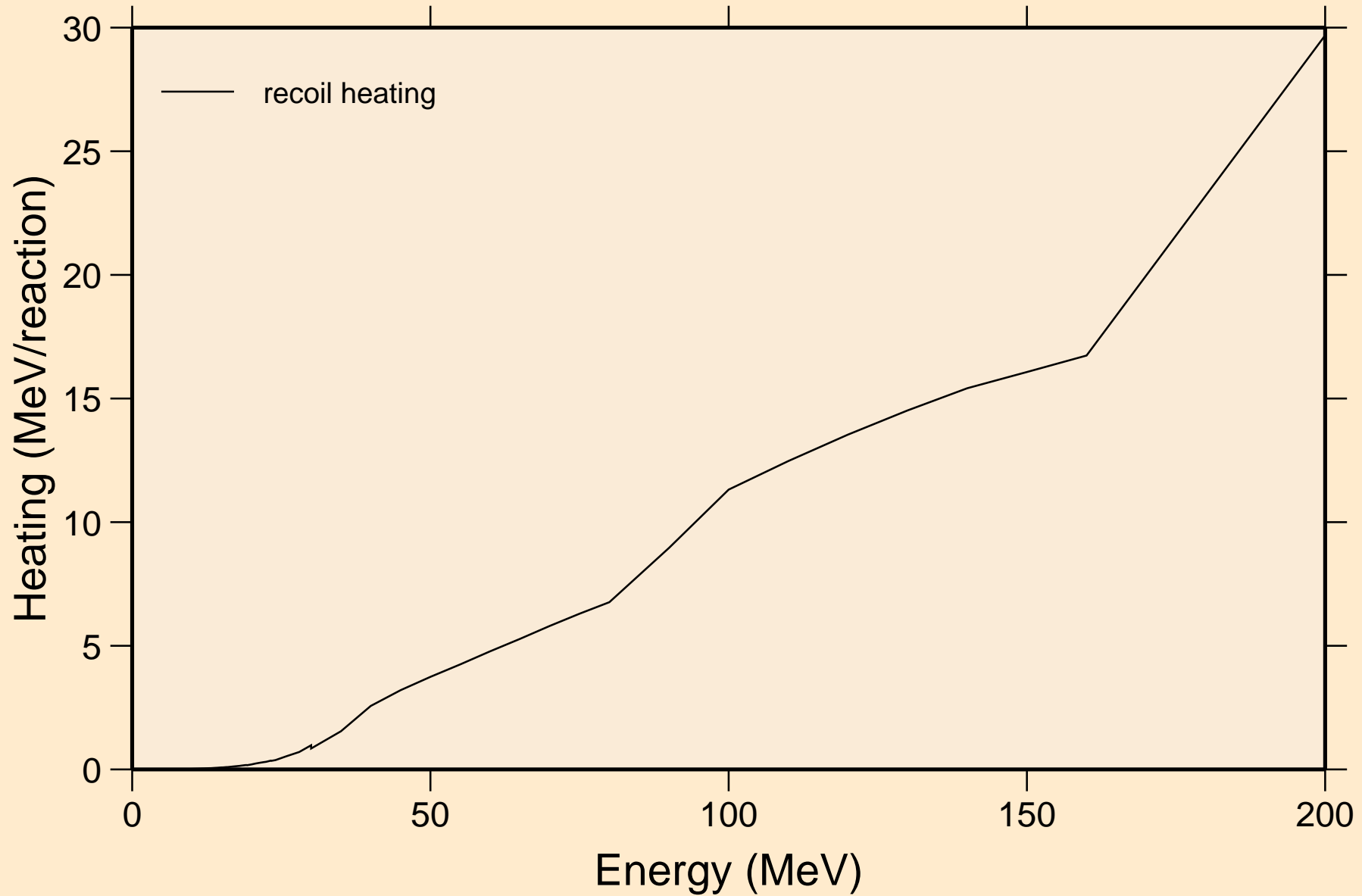
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



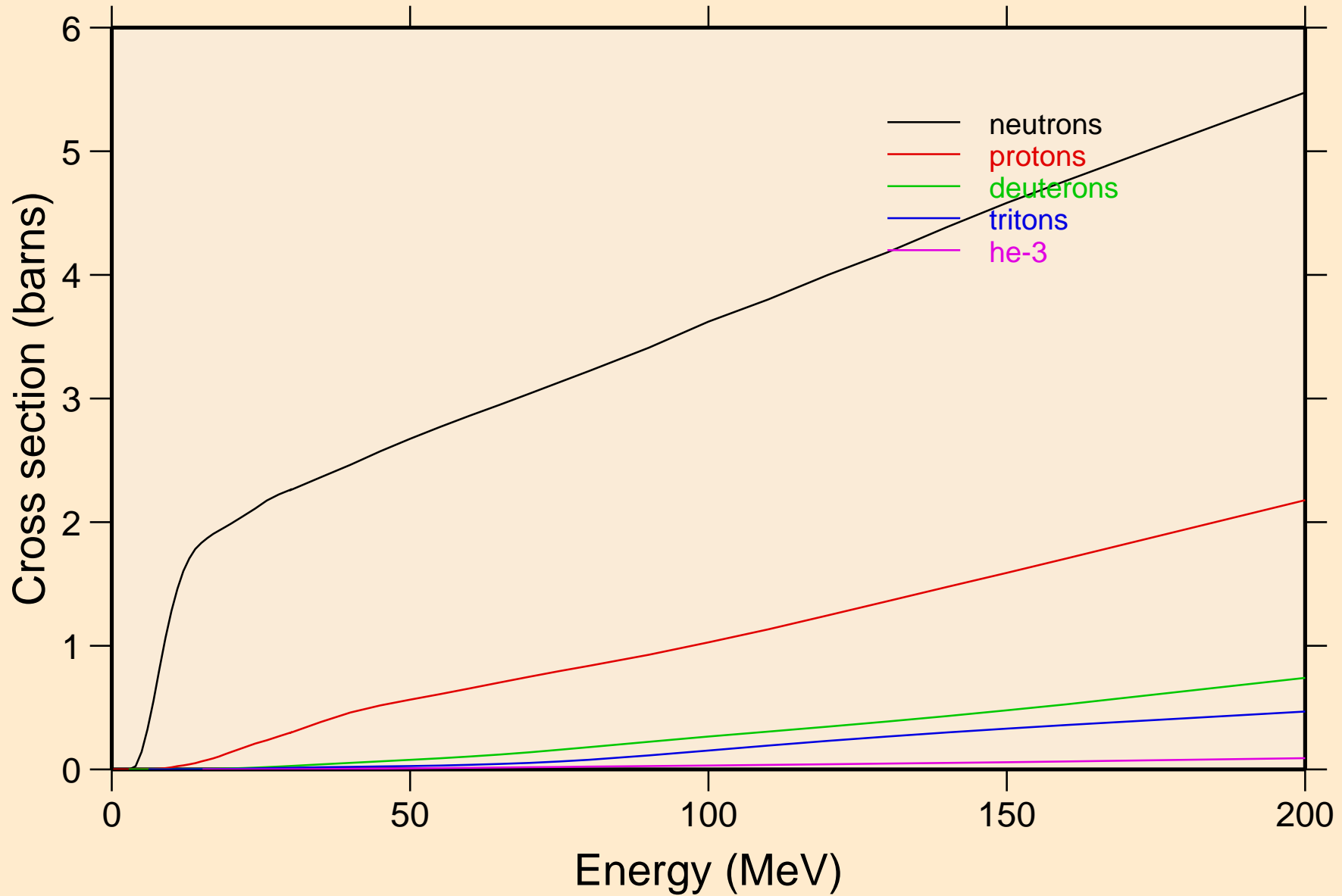
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



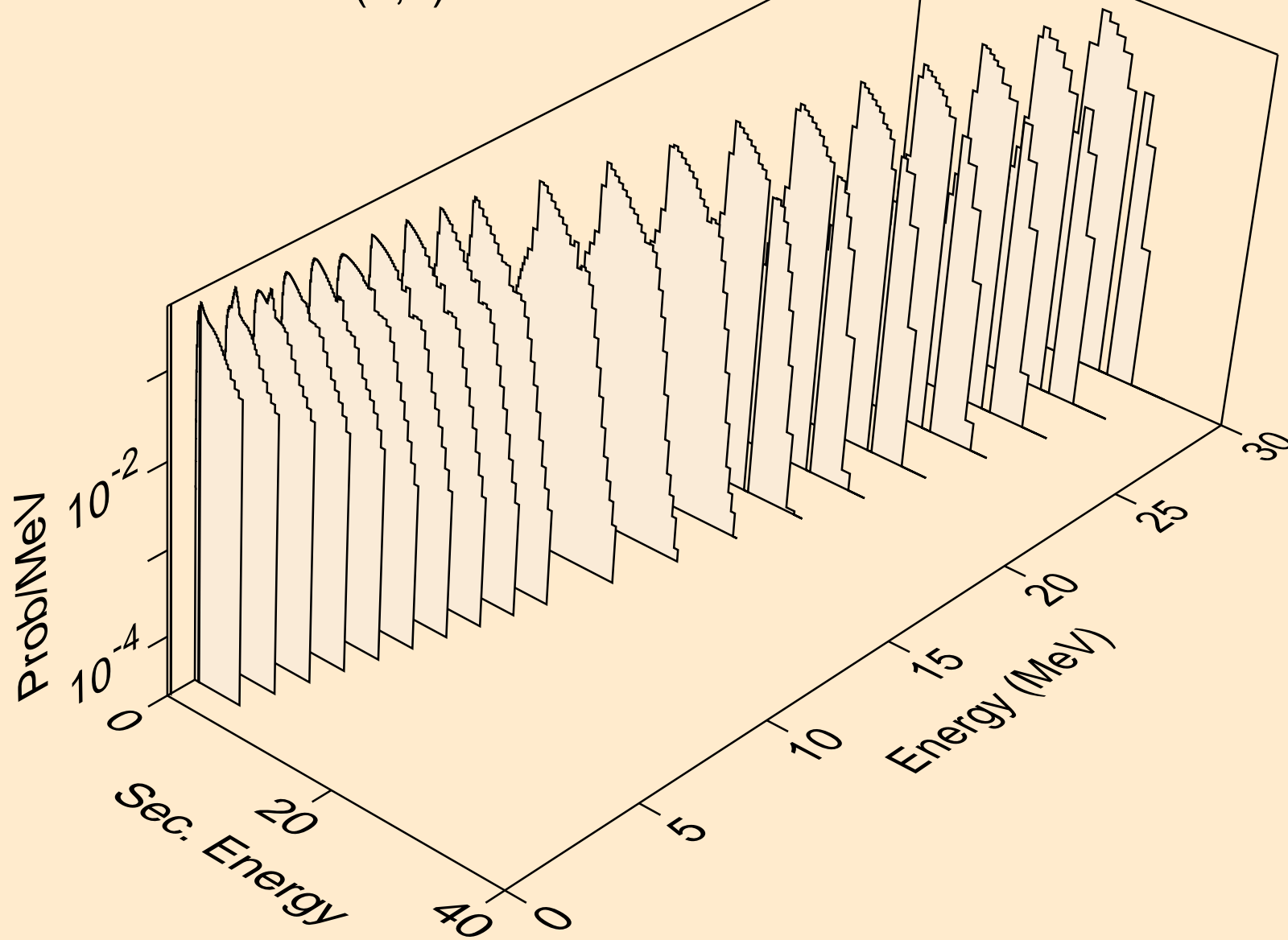
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

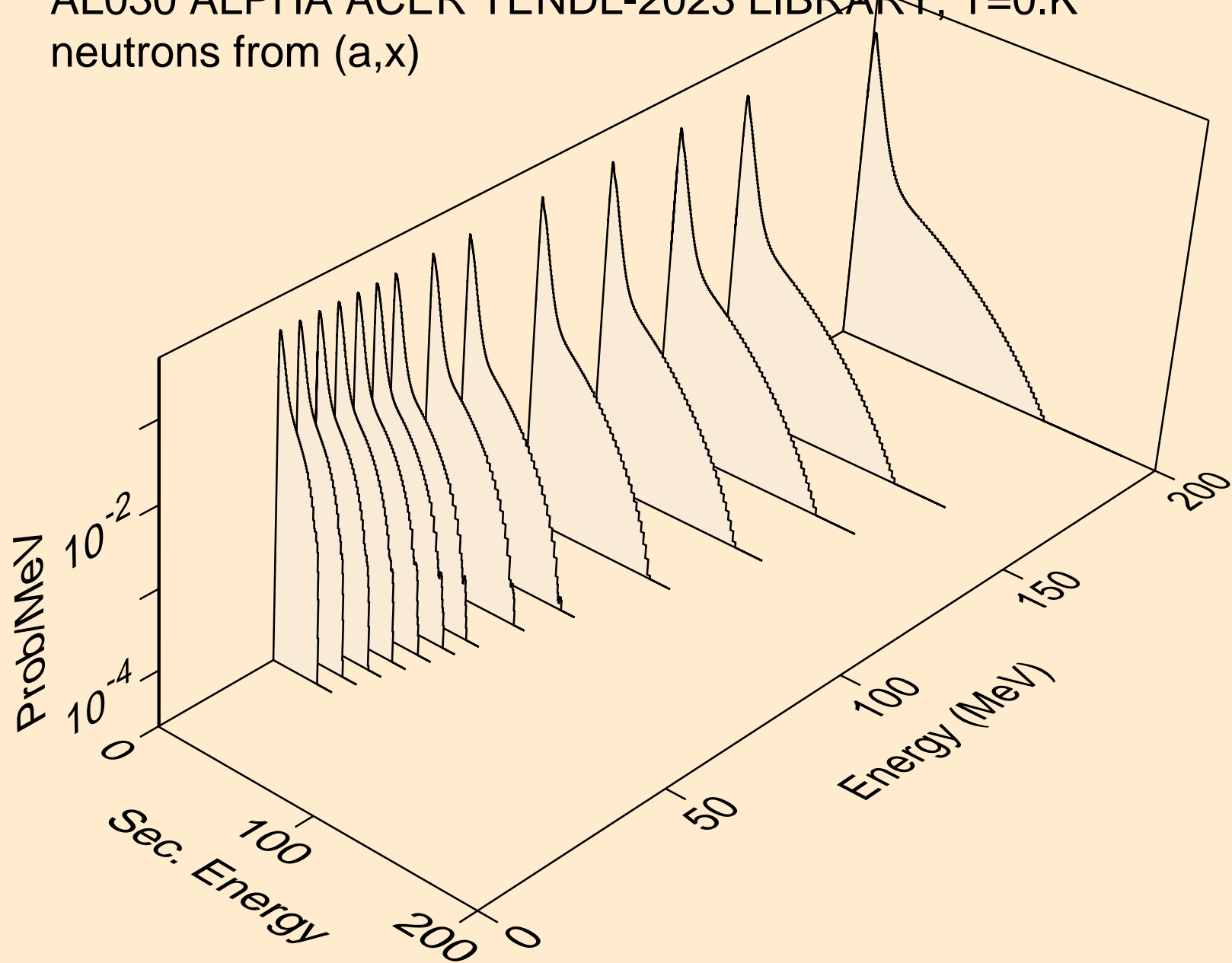


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

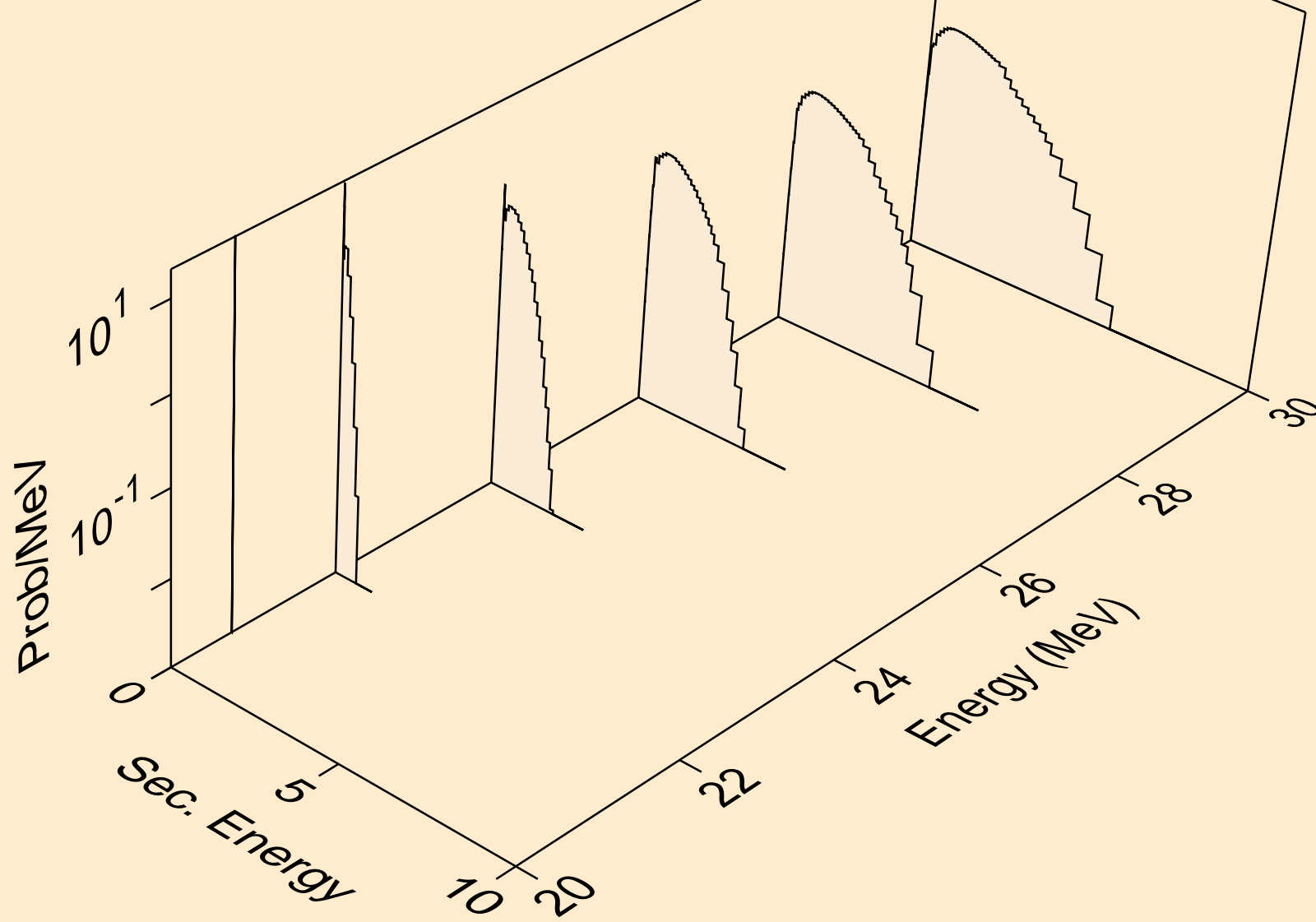




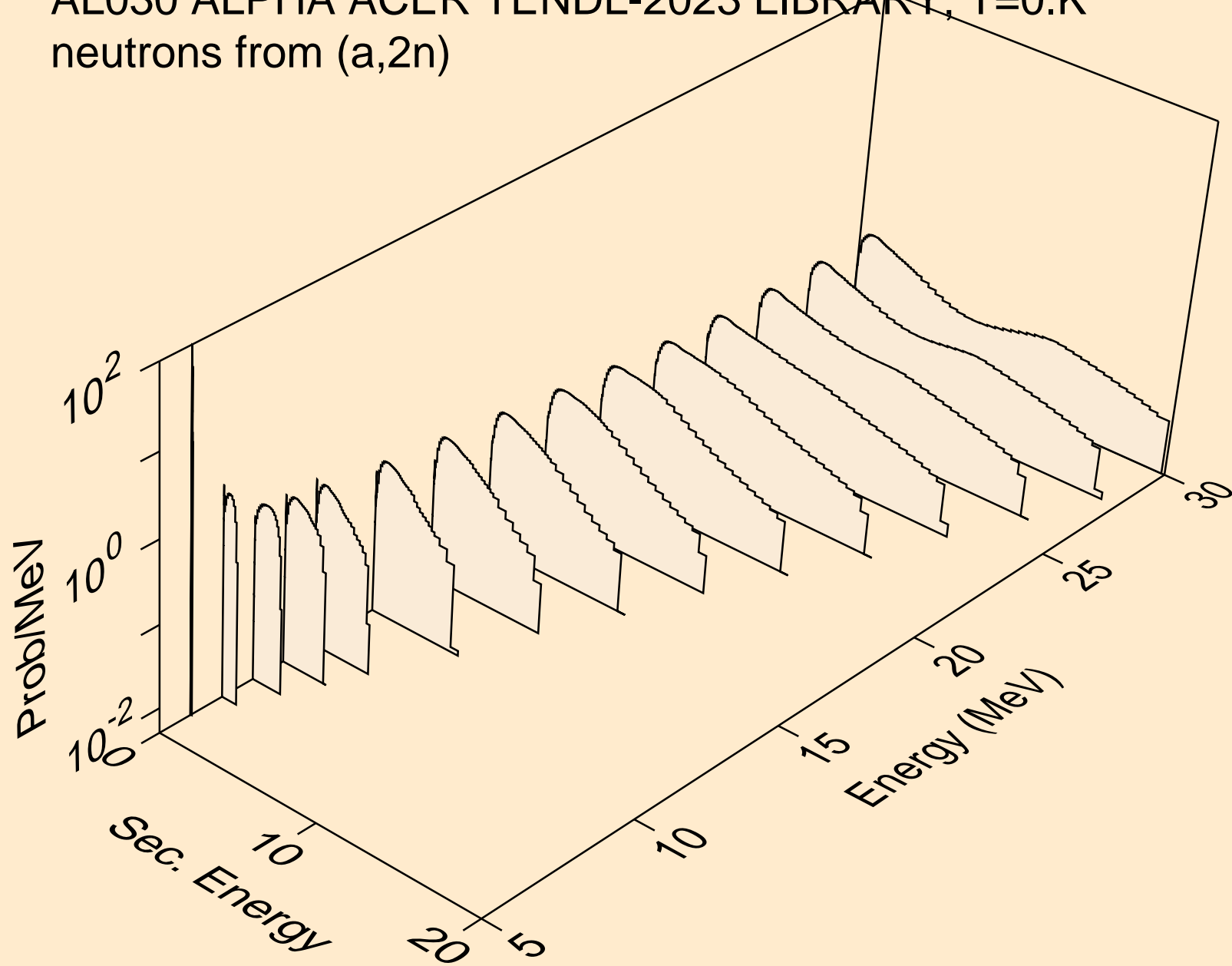
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



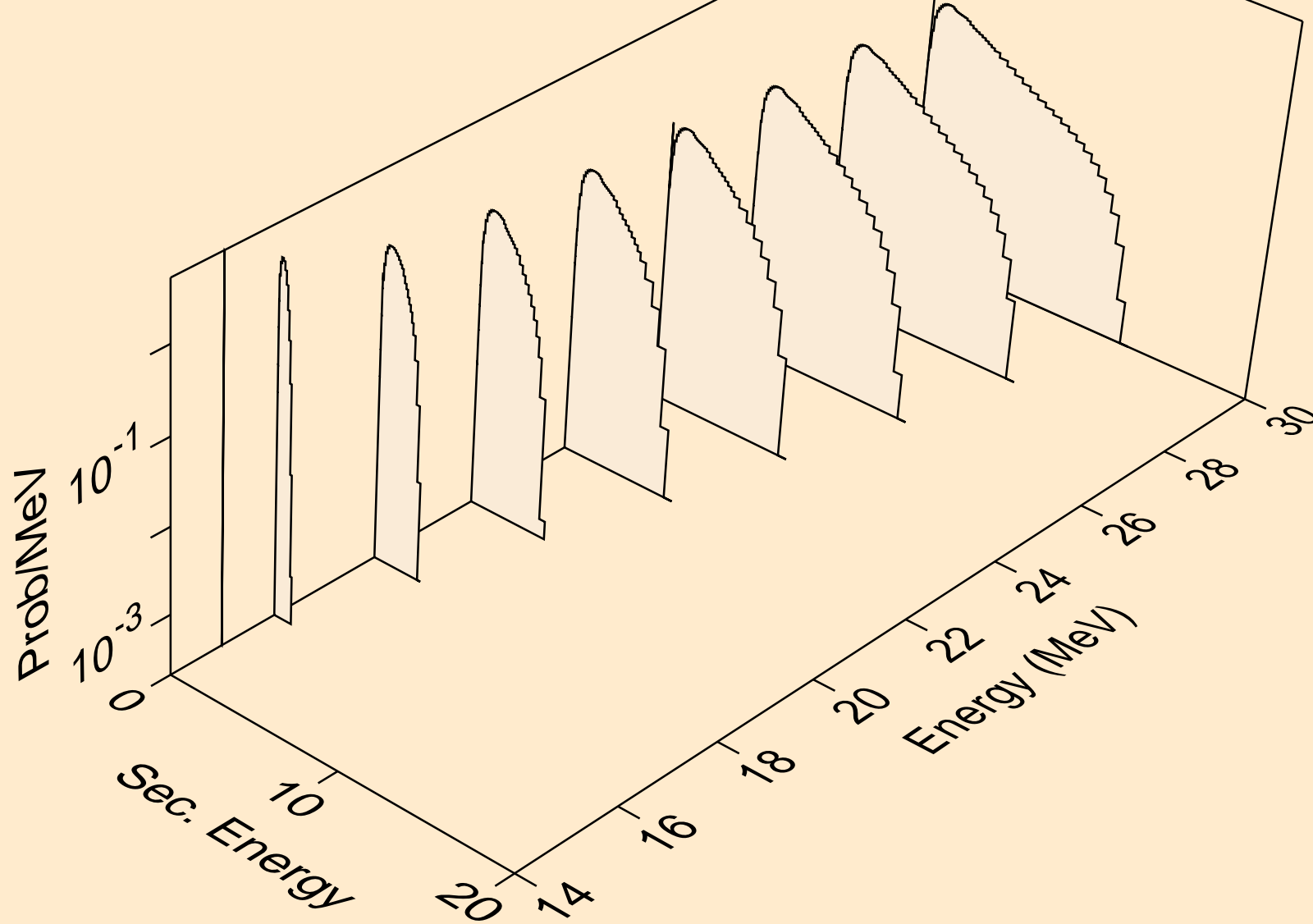
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



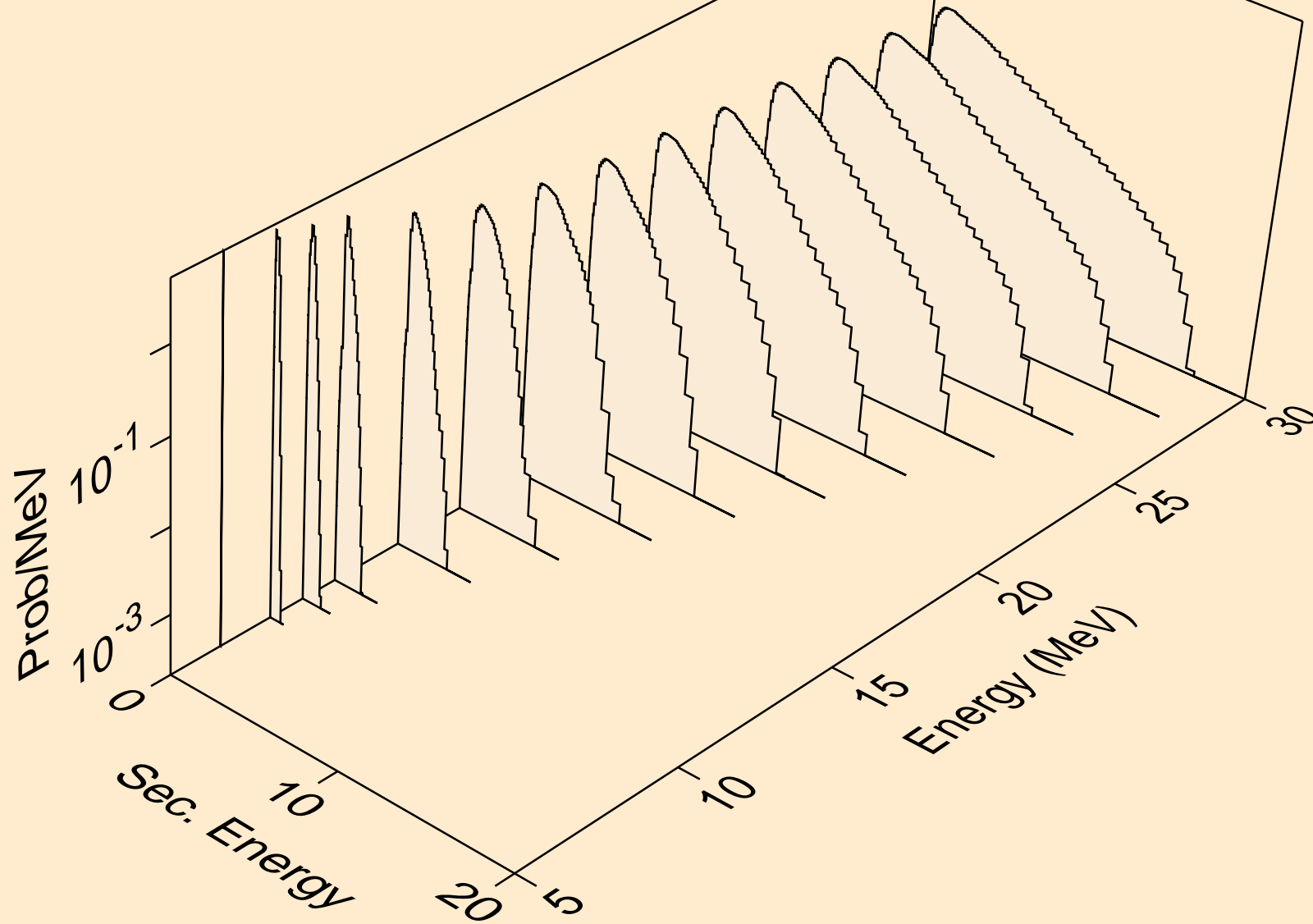
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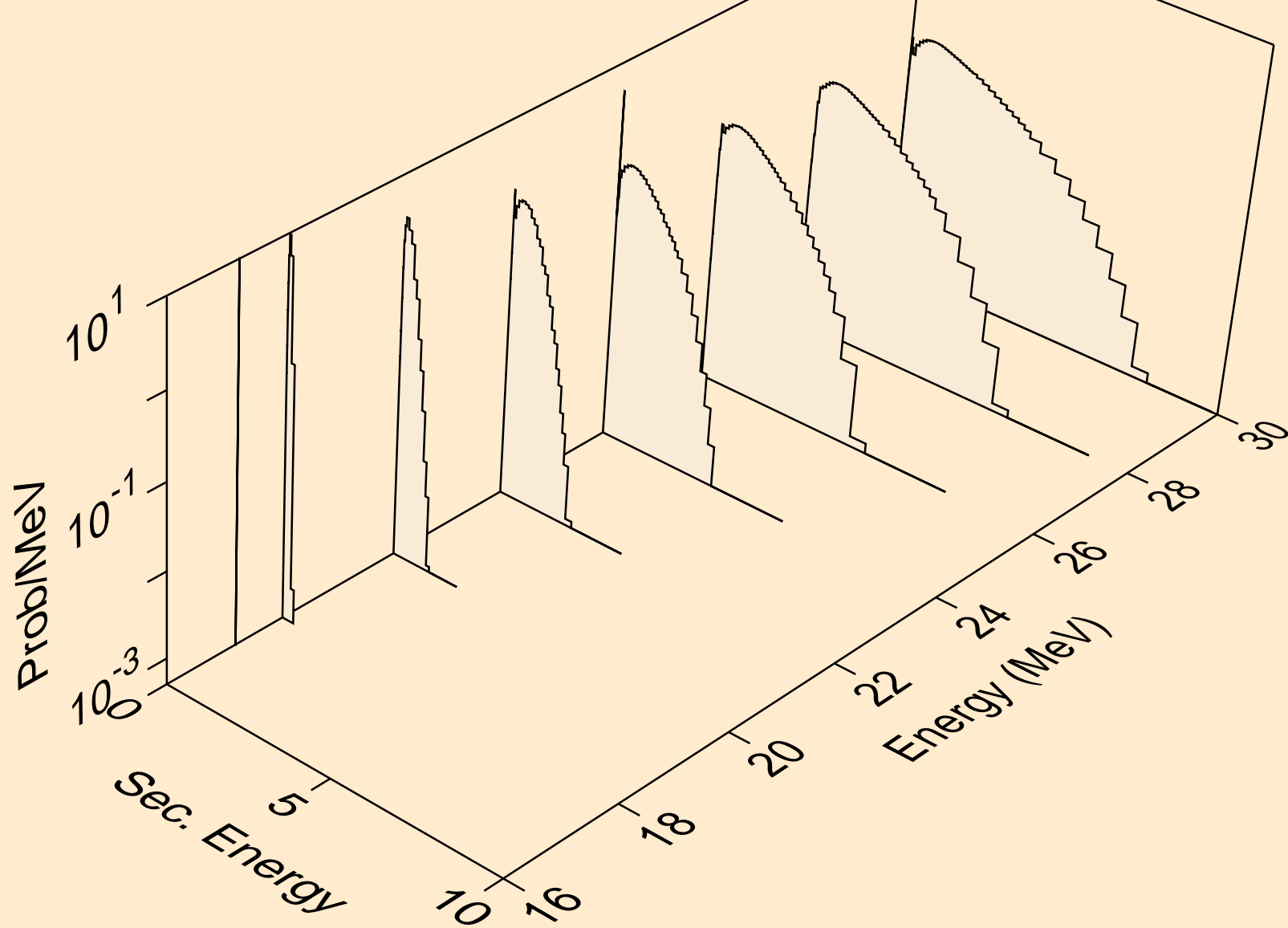
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



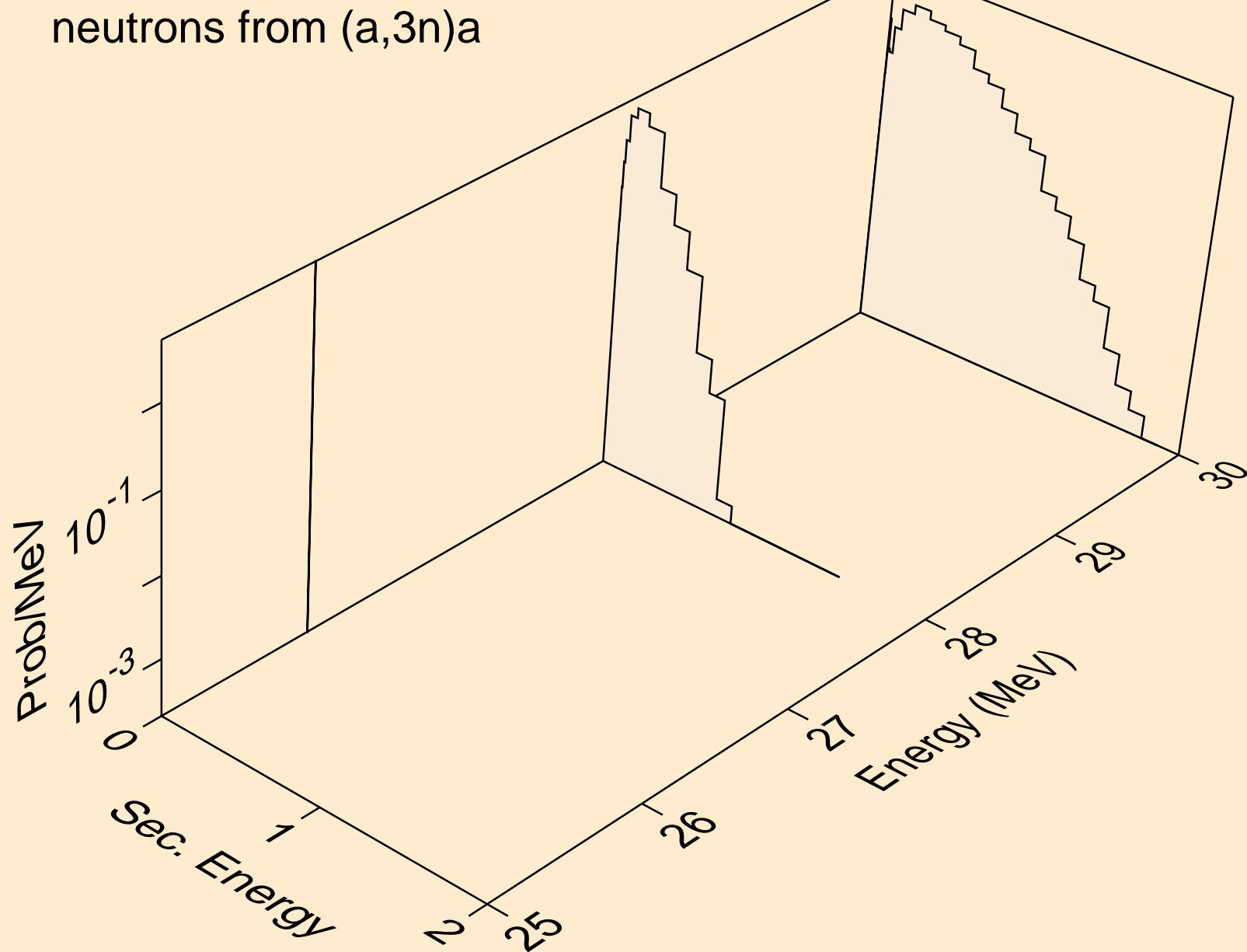
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



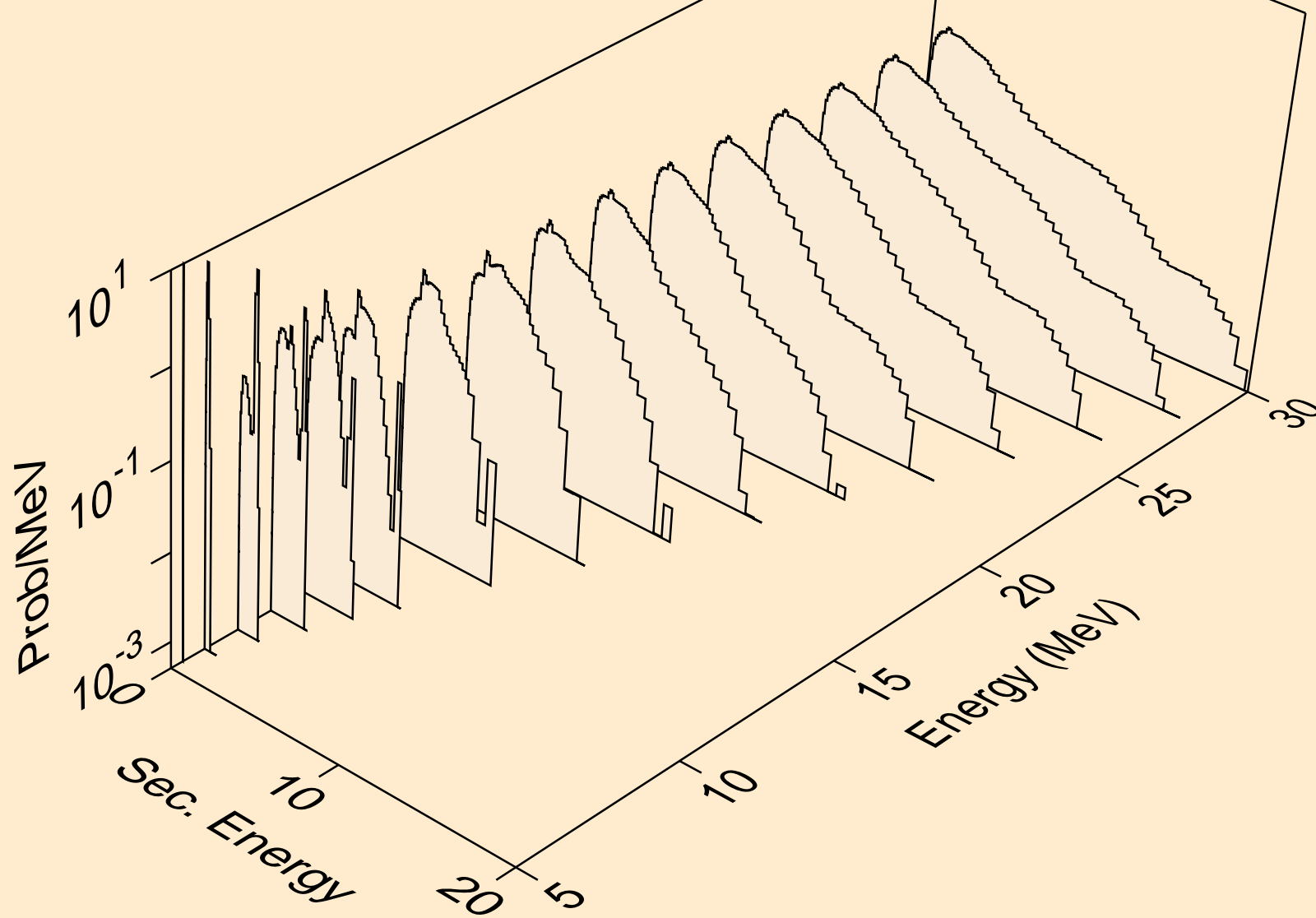
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a

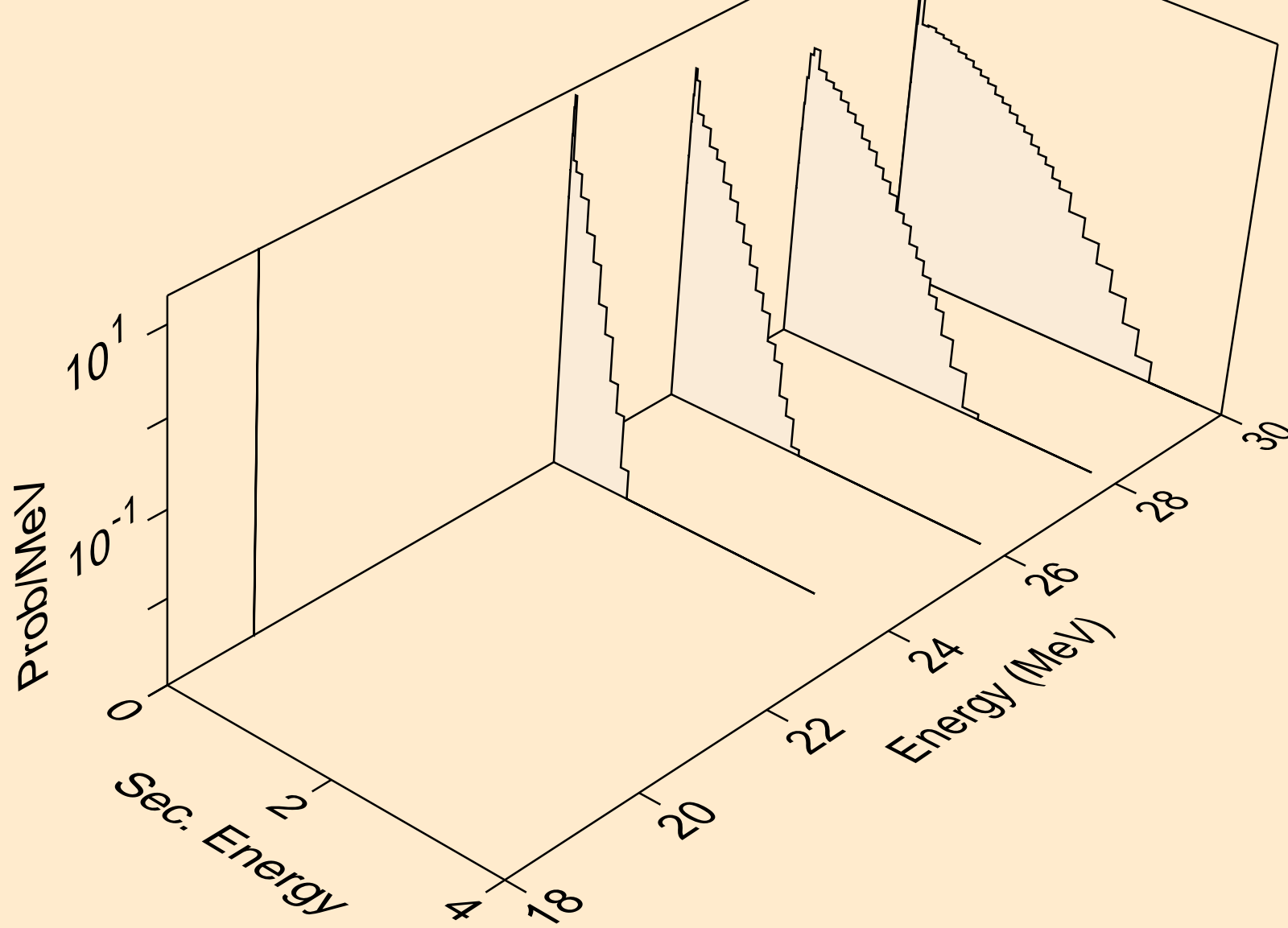


AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

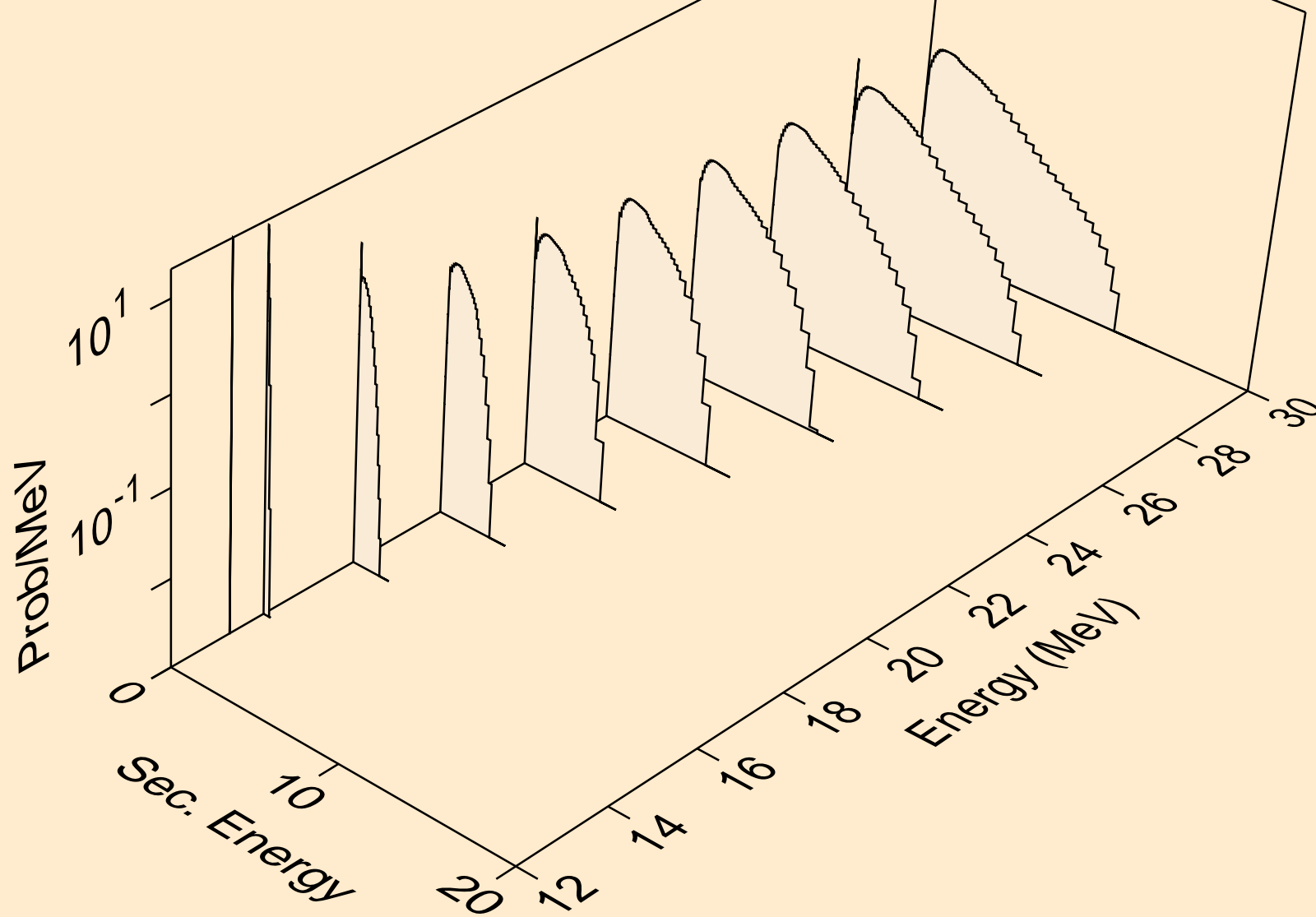




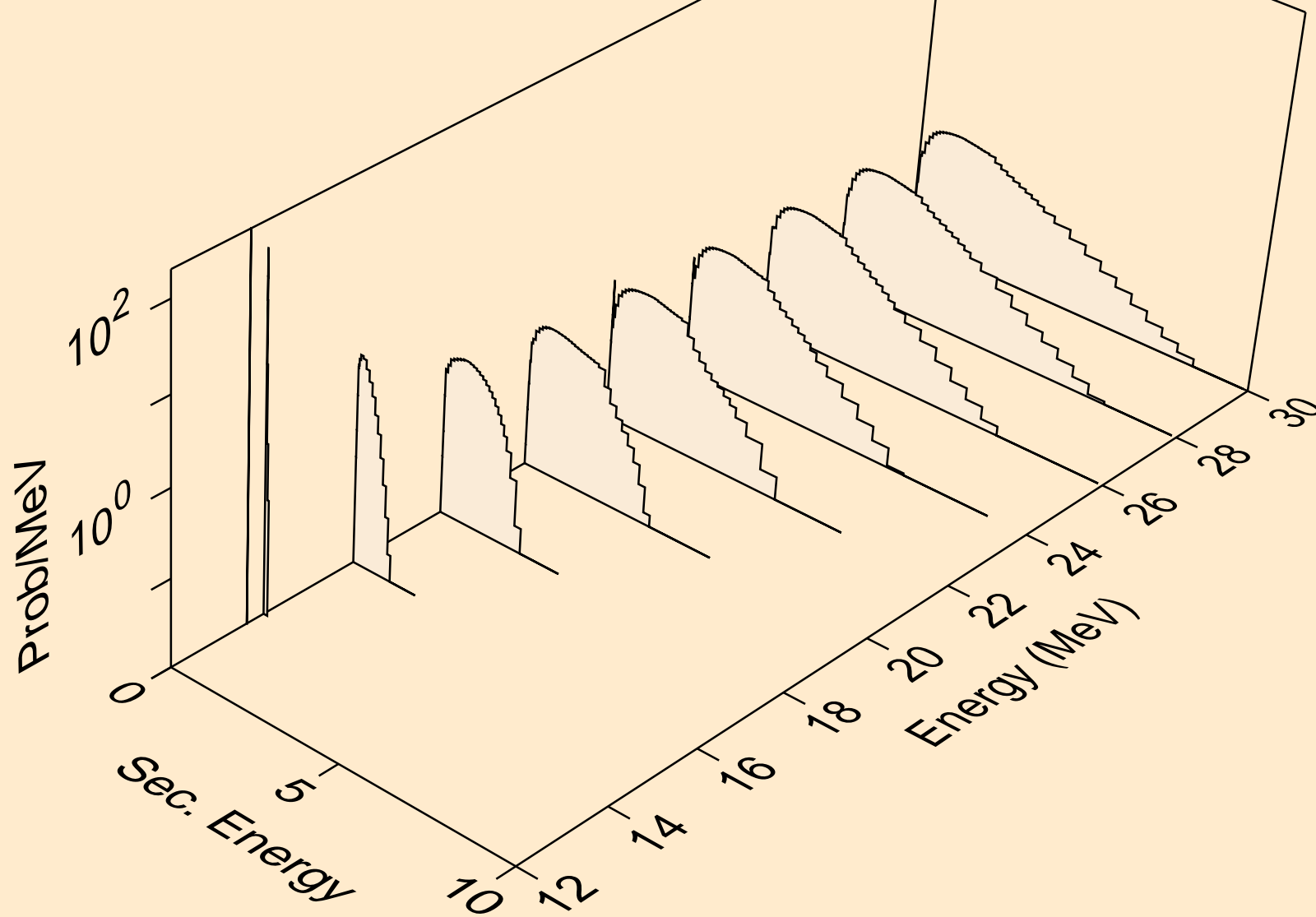
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neutrons from (a,n\*)2a



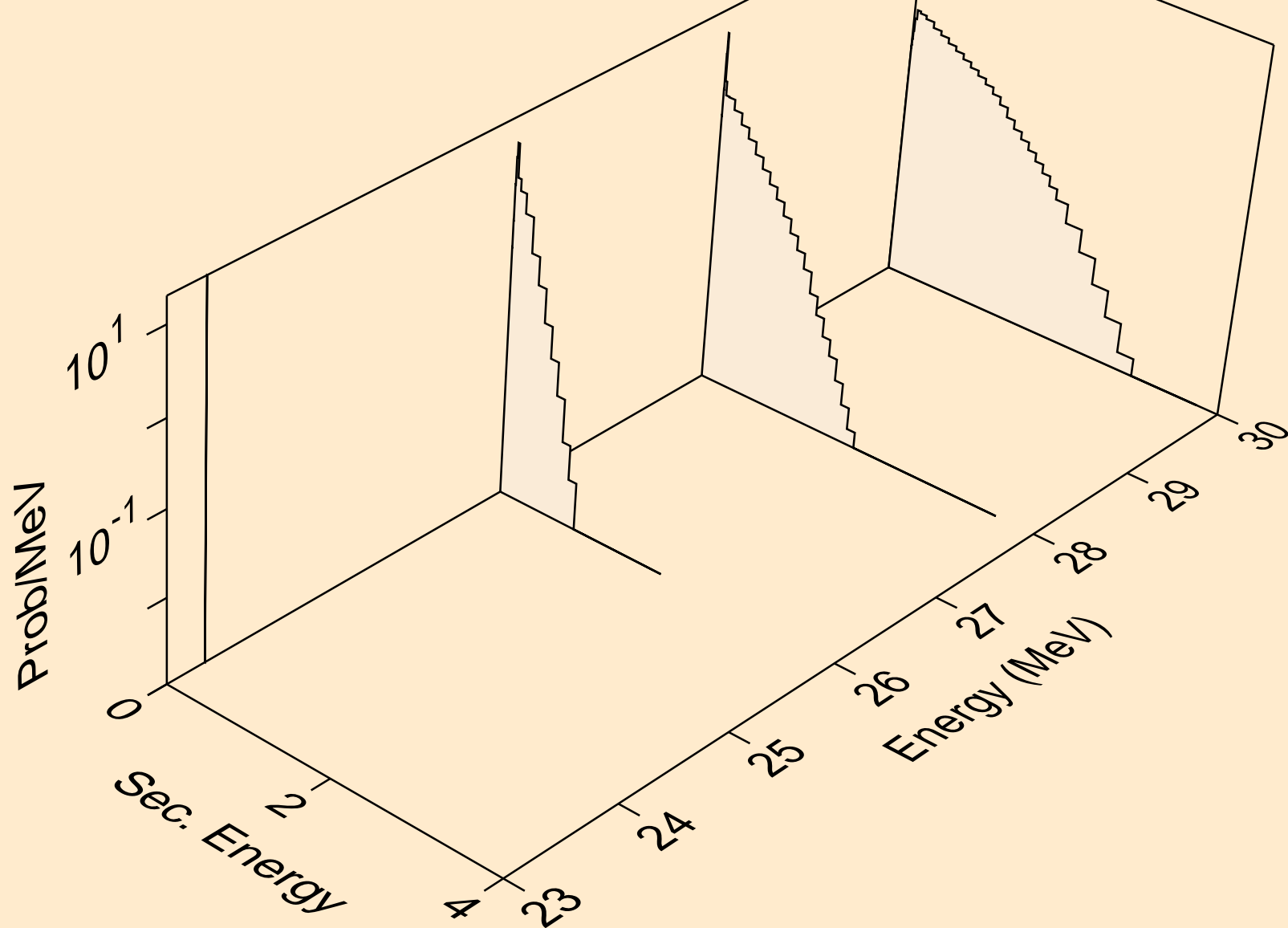
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neutrons from (a,n\*)d



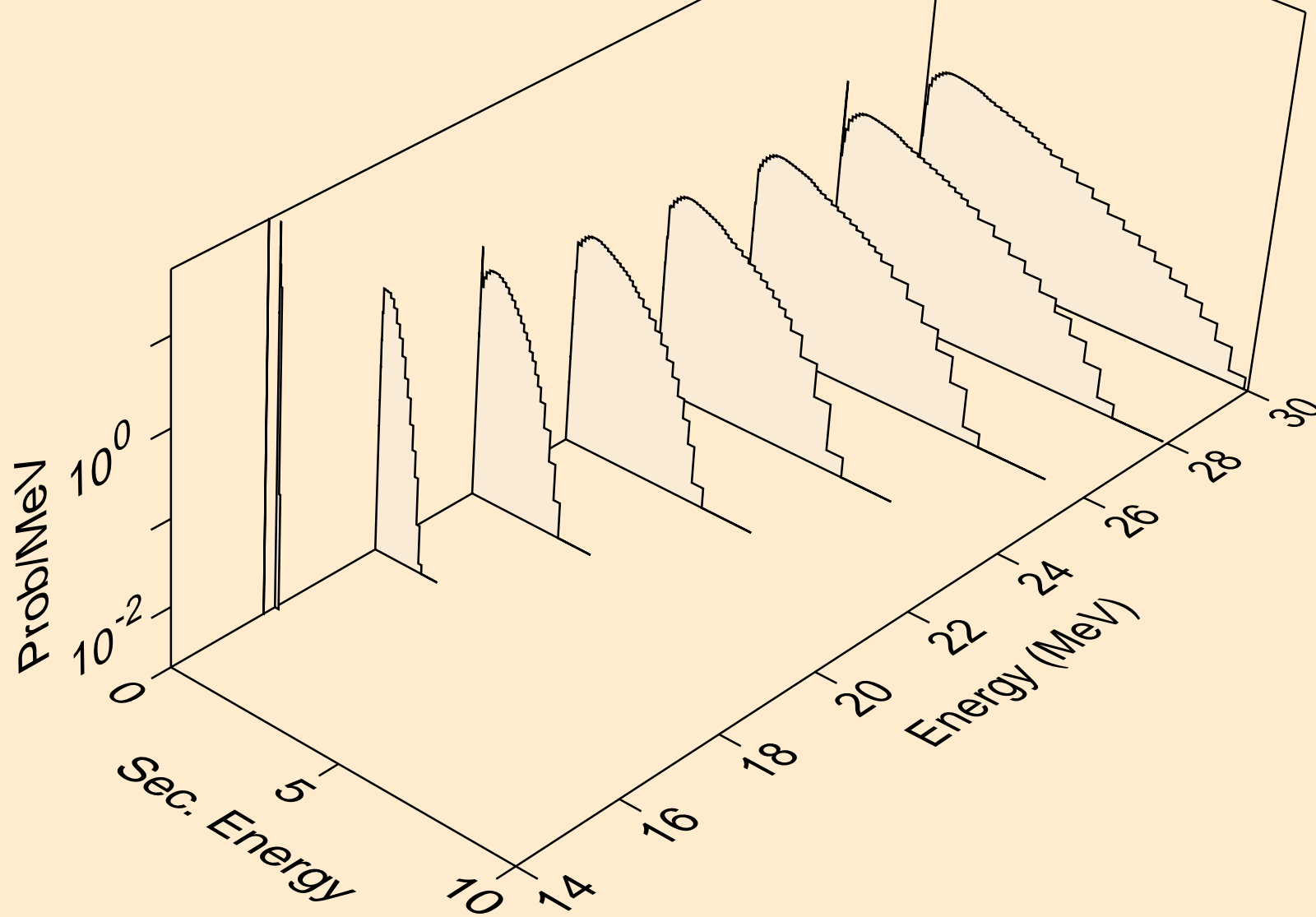
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neutrons from (a,n\*)t



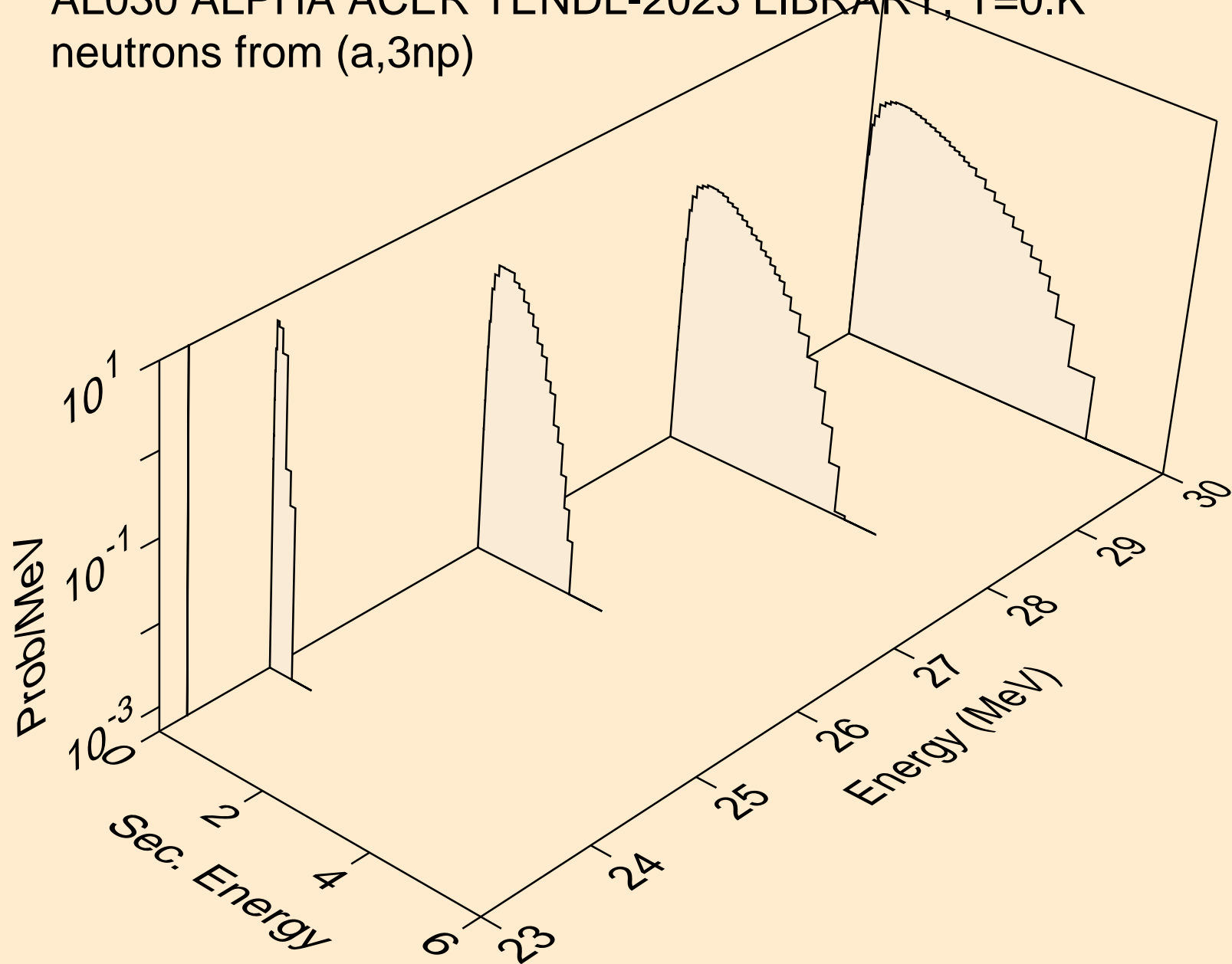
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neutrons from (a,n\*)he3



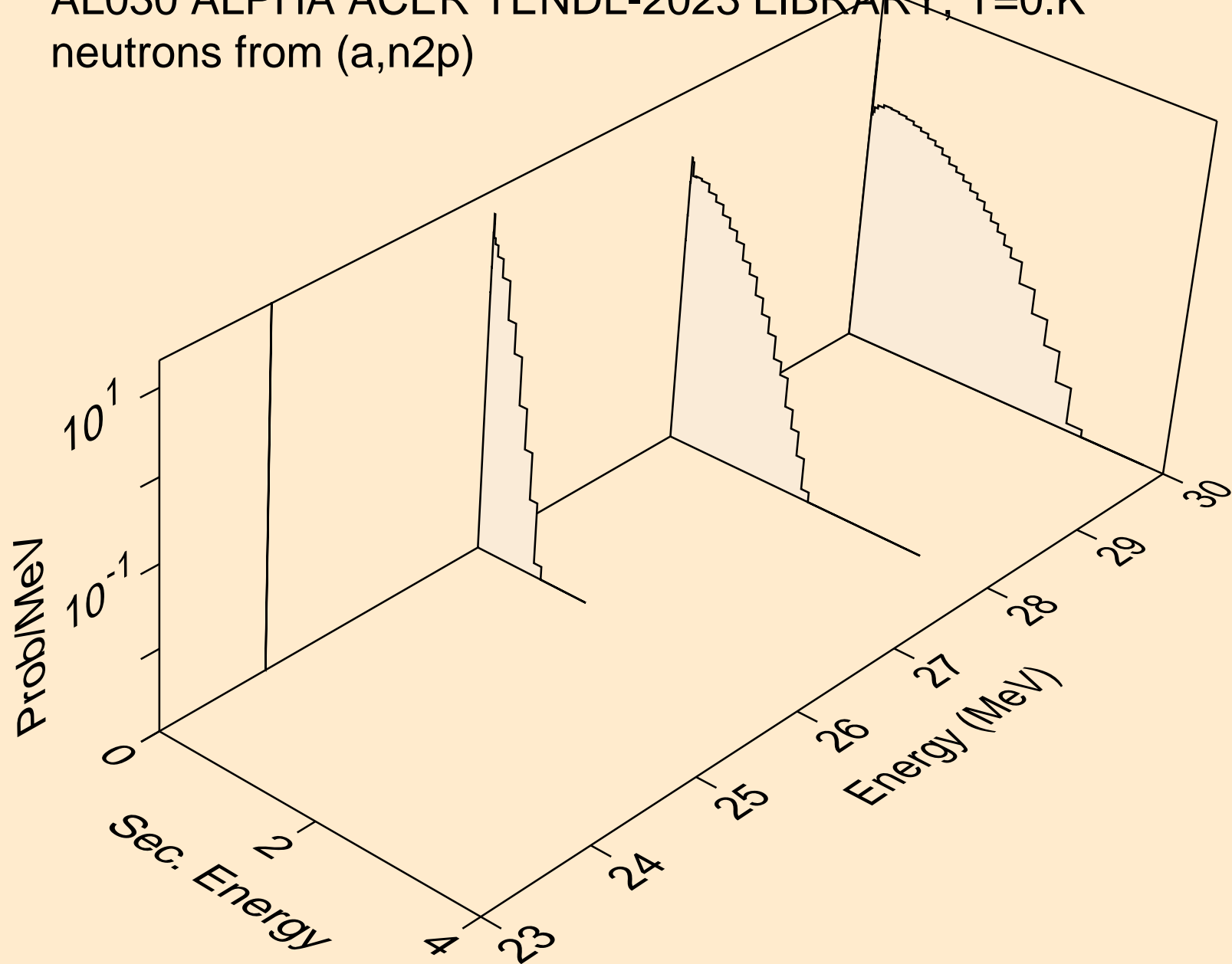
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neutrons from (a,2np)



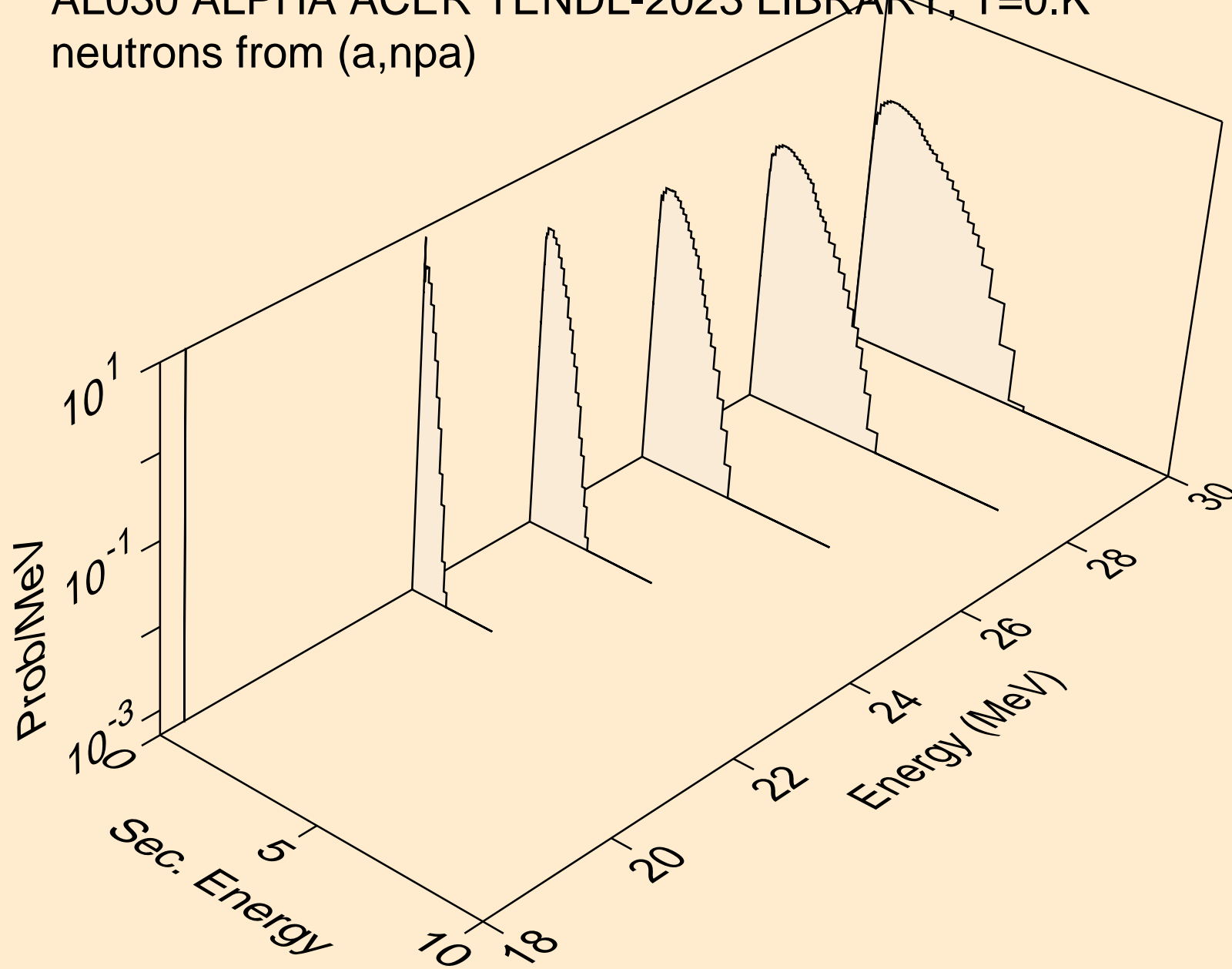
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neutrons from (a,3np)



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)

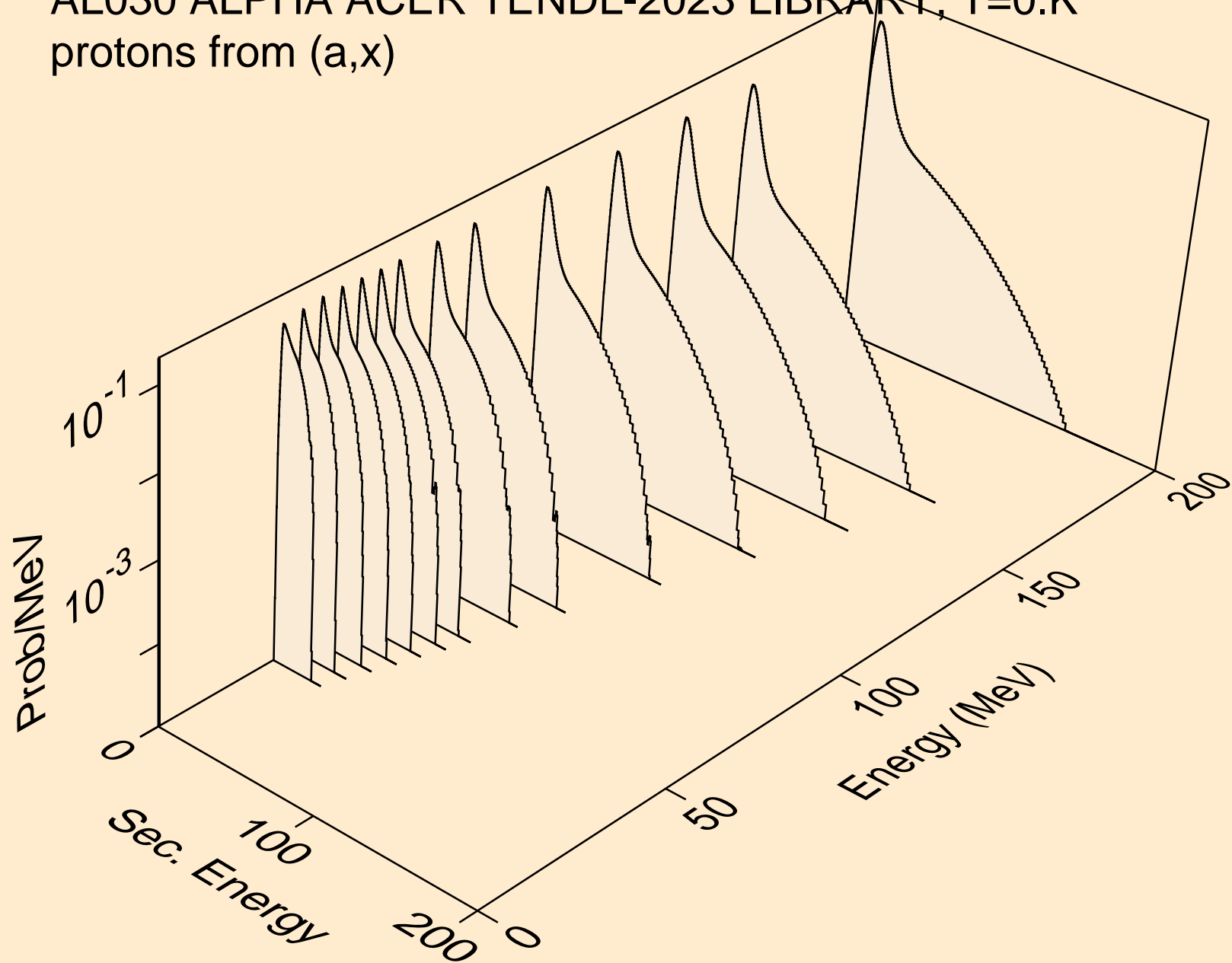


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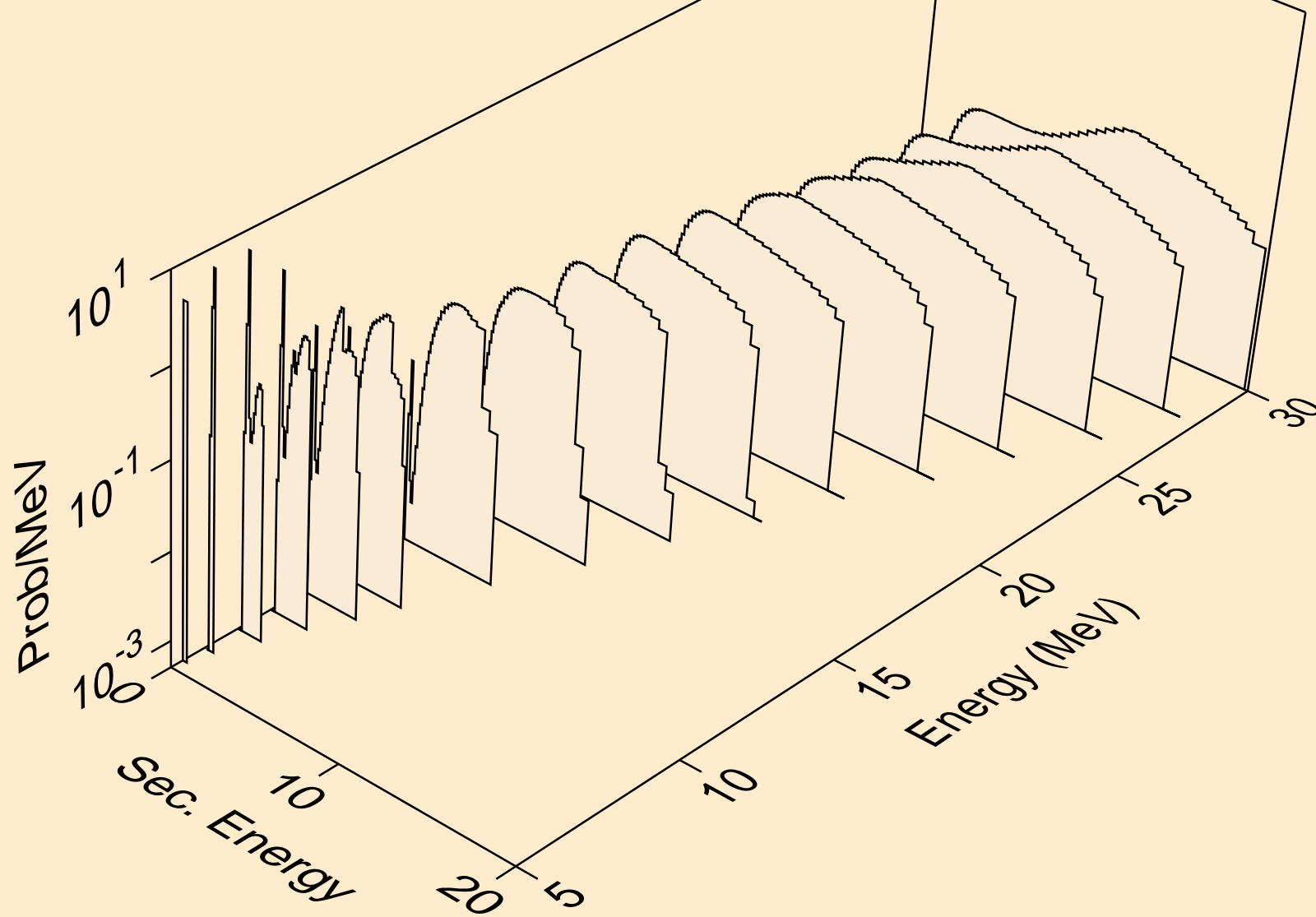




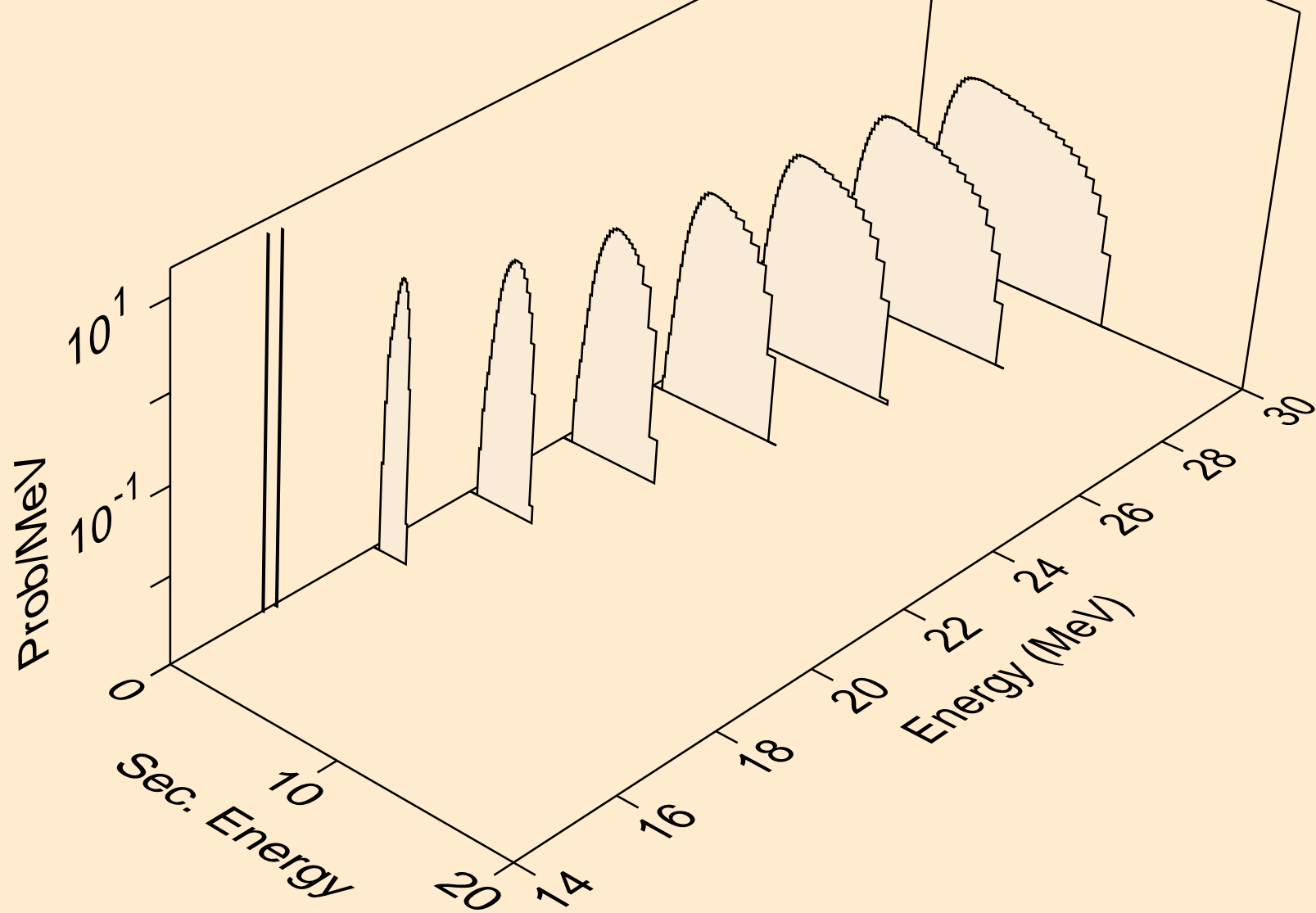
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protons from (a,x)



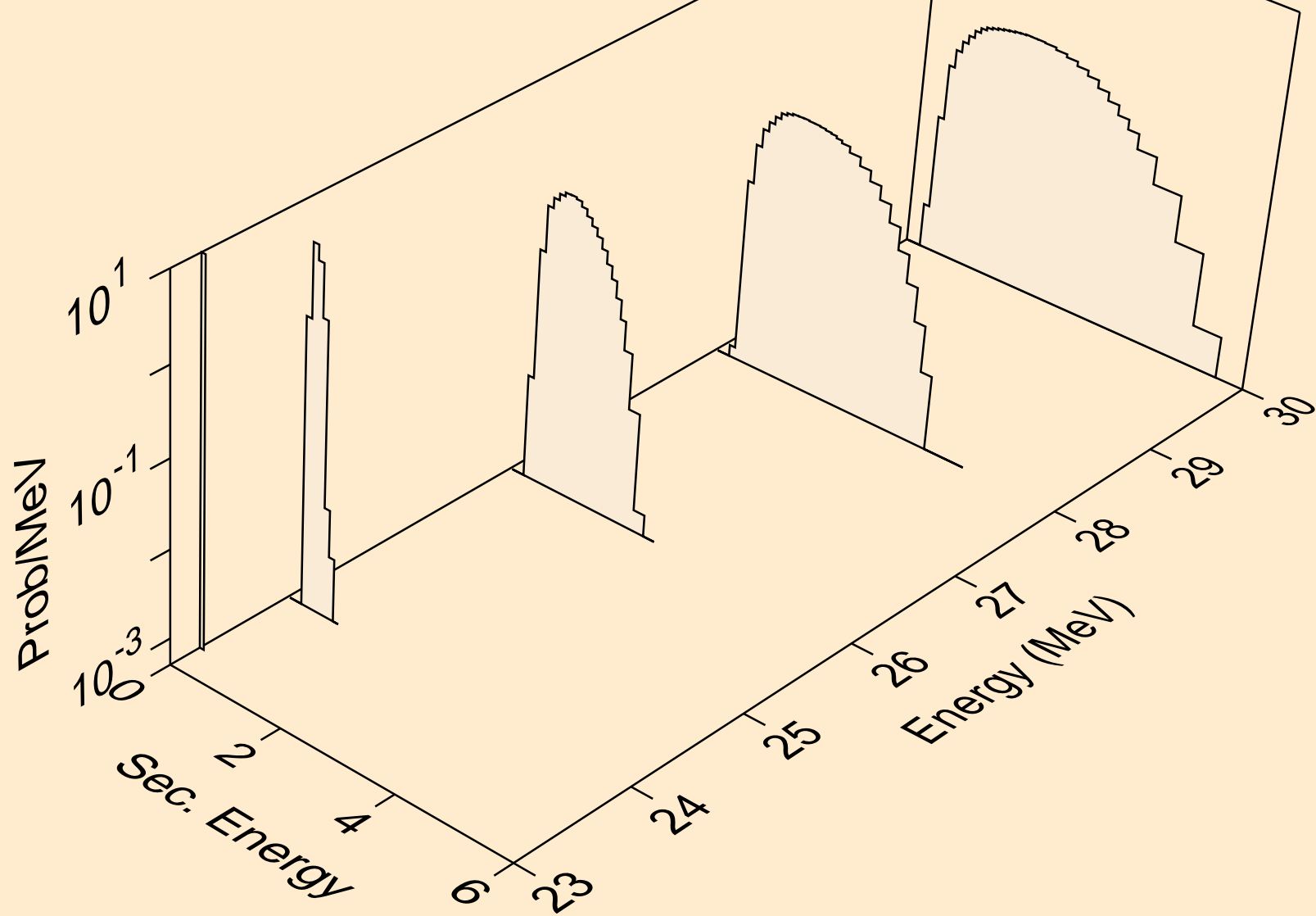
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protons from (a,n\*)p



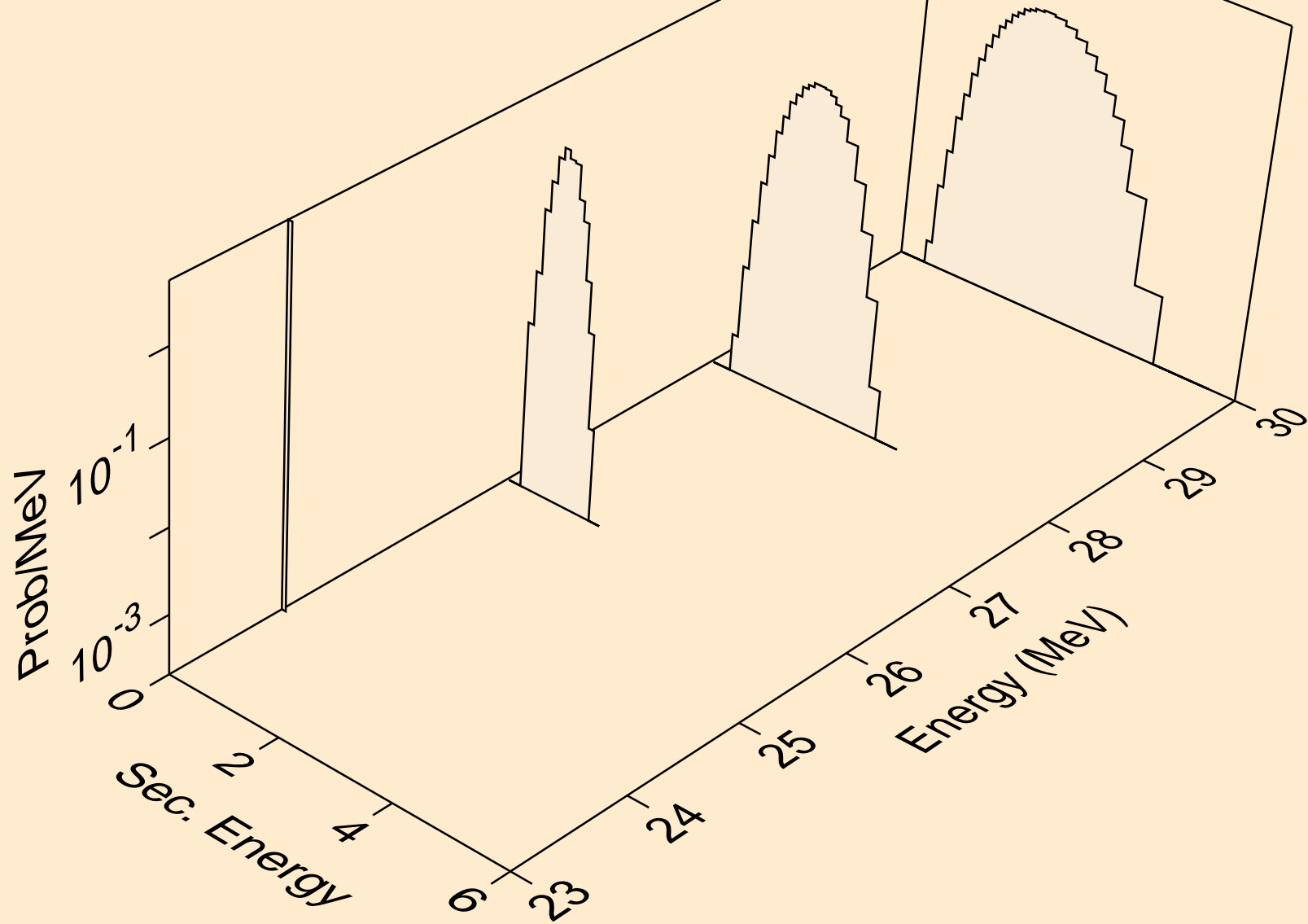
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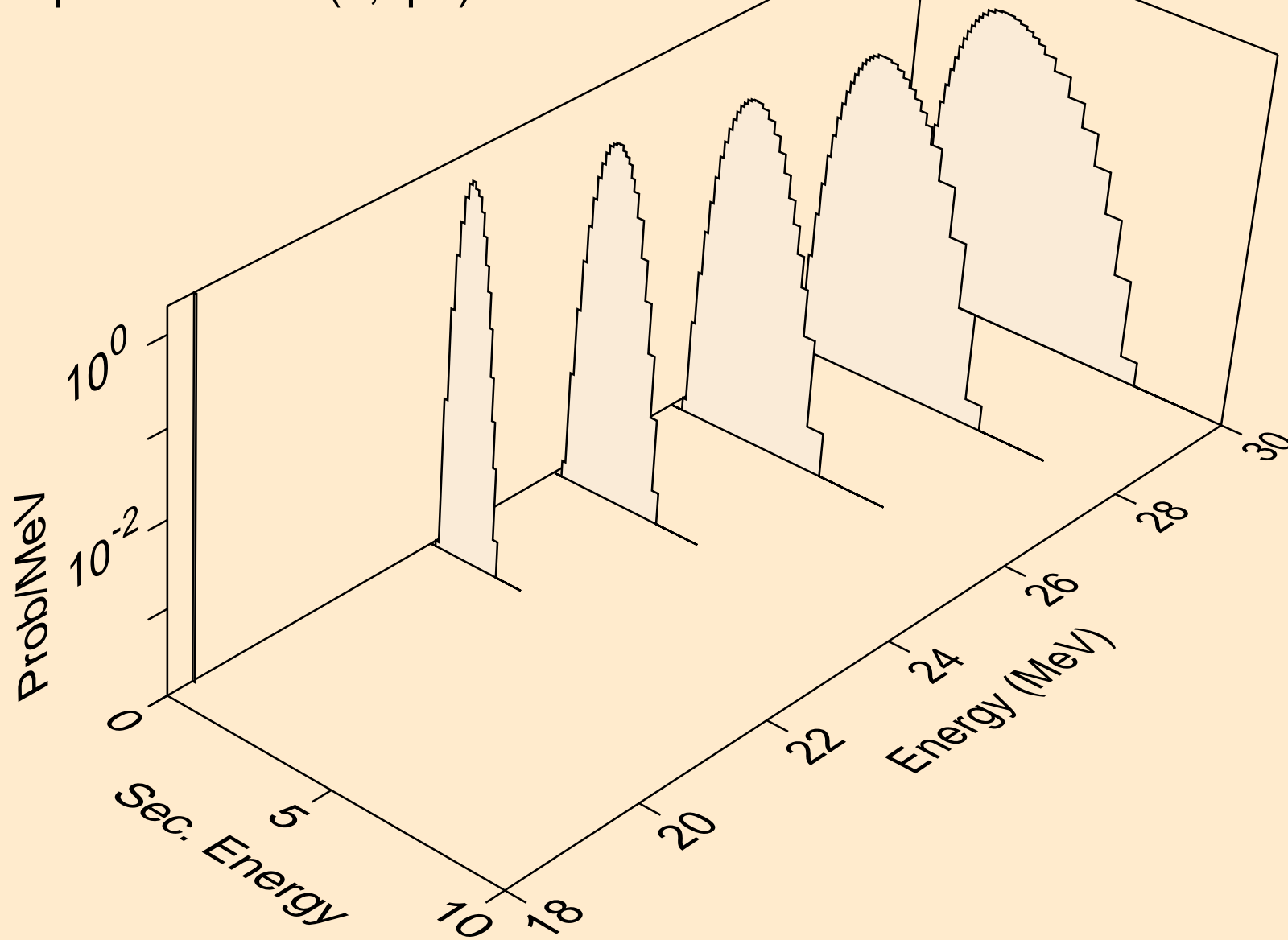
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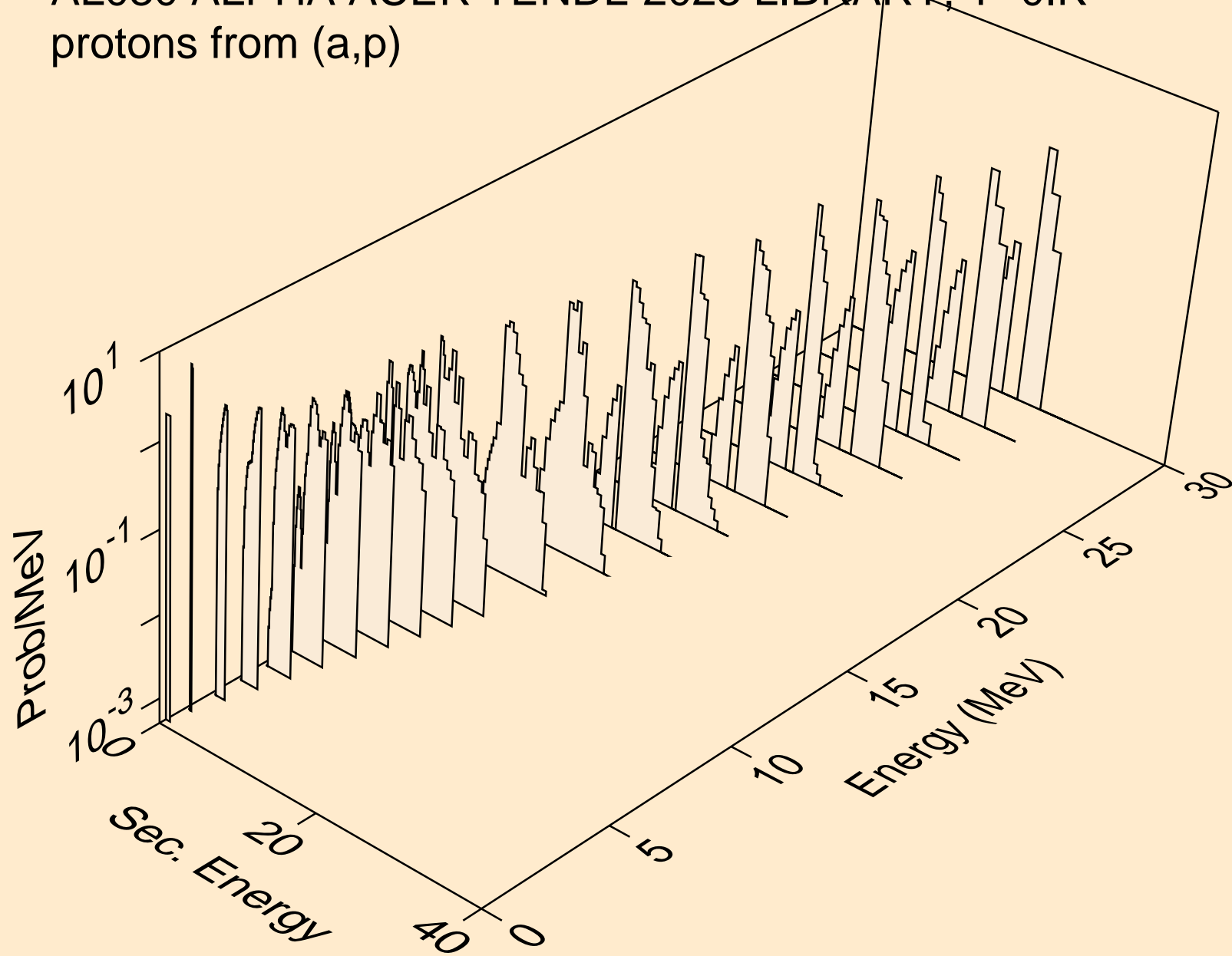
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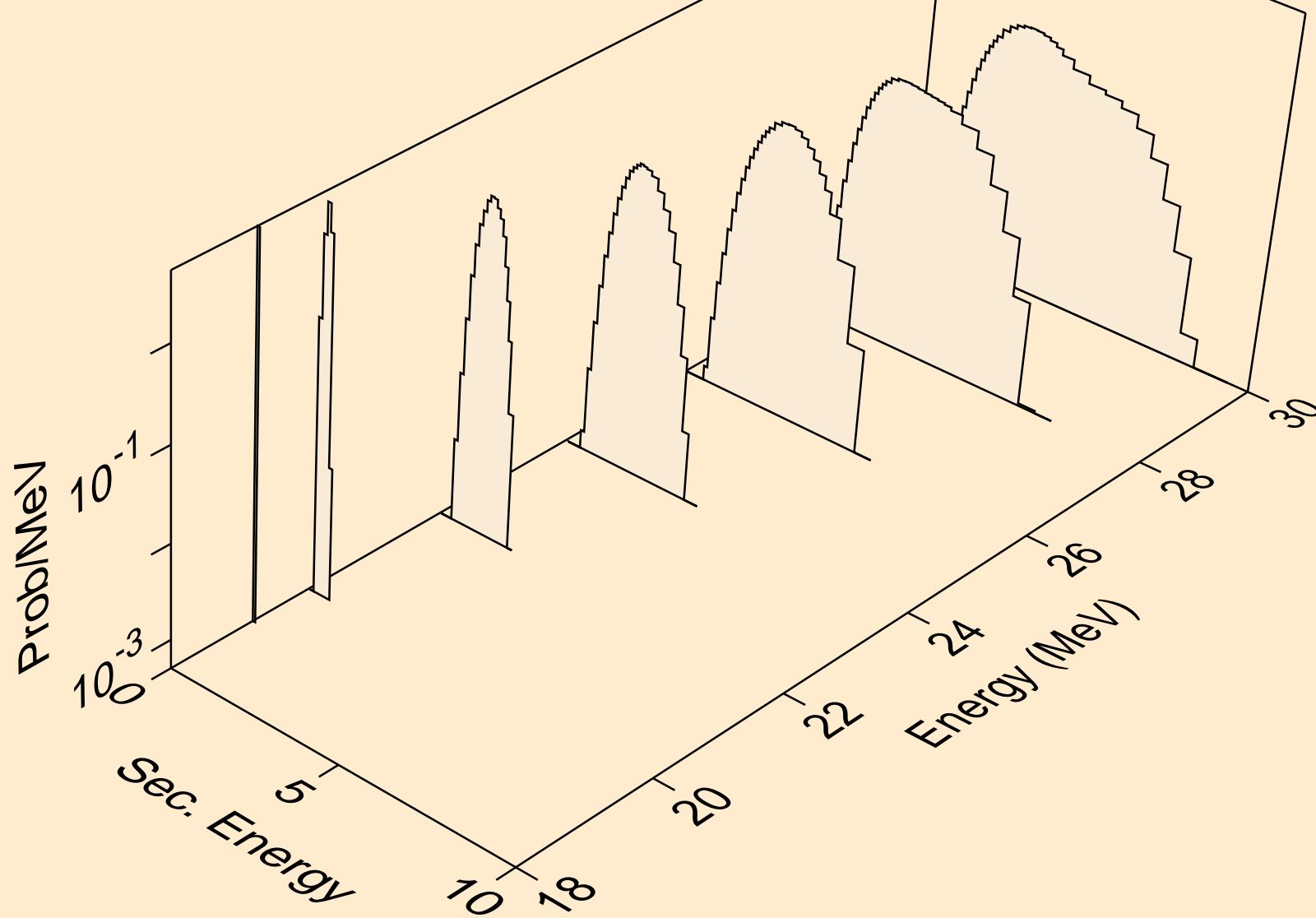
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protons from (a,npa)



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)

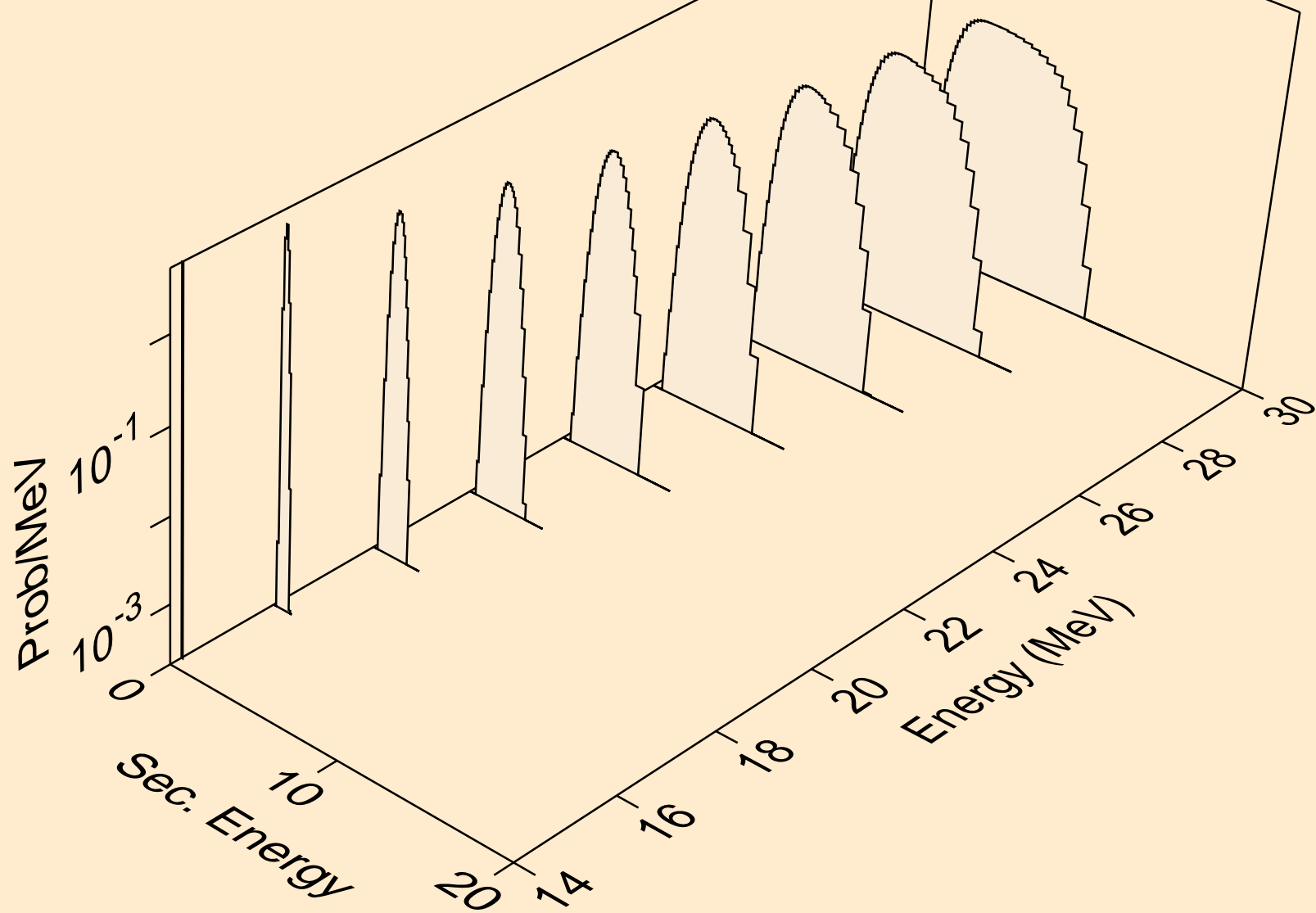


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protons from (a,2p)

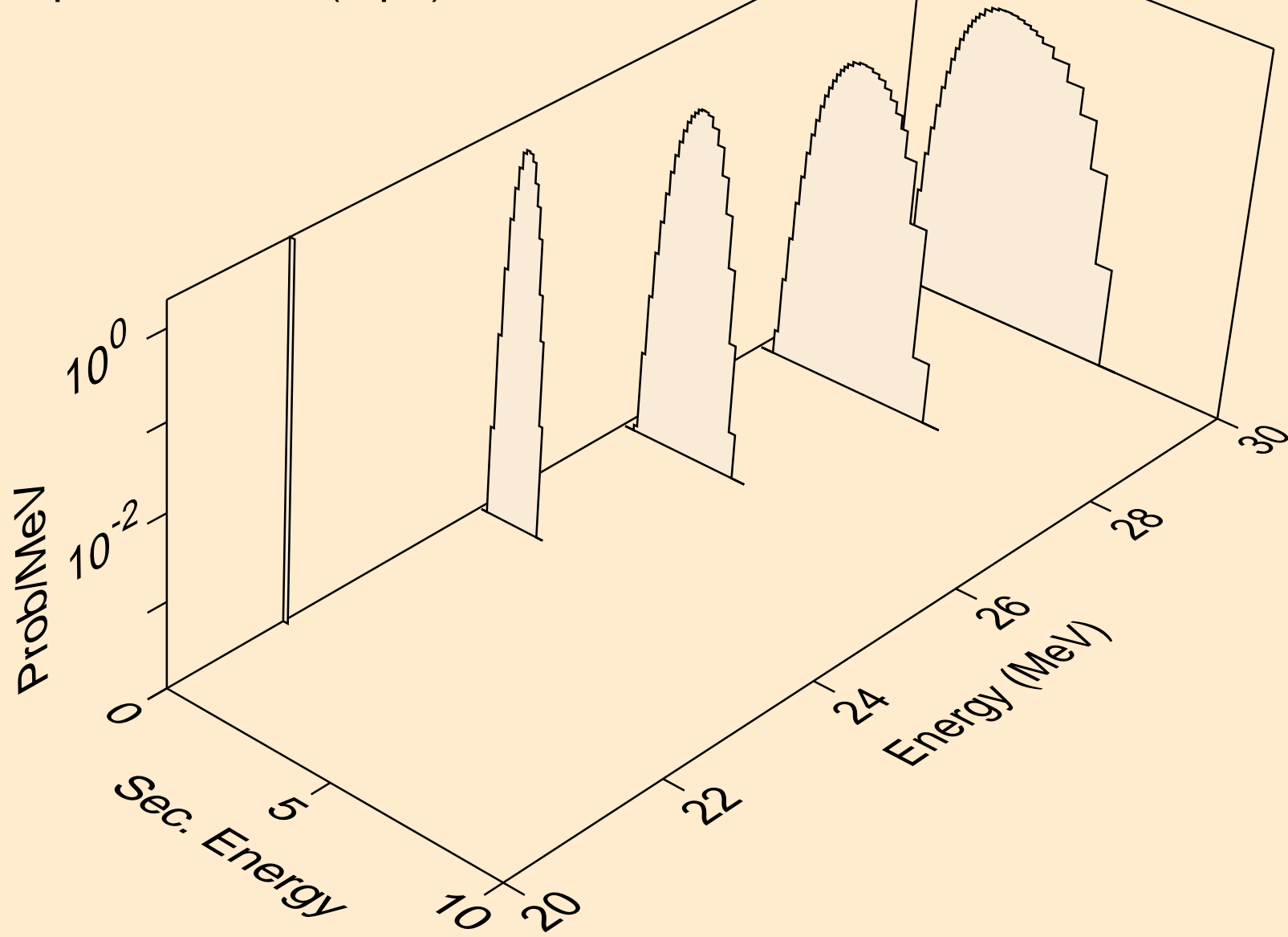




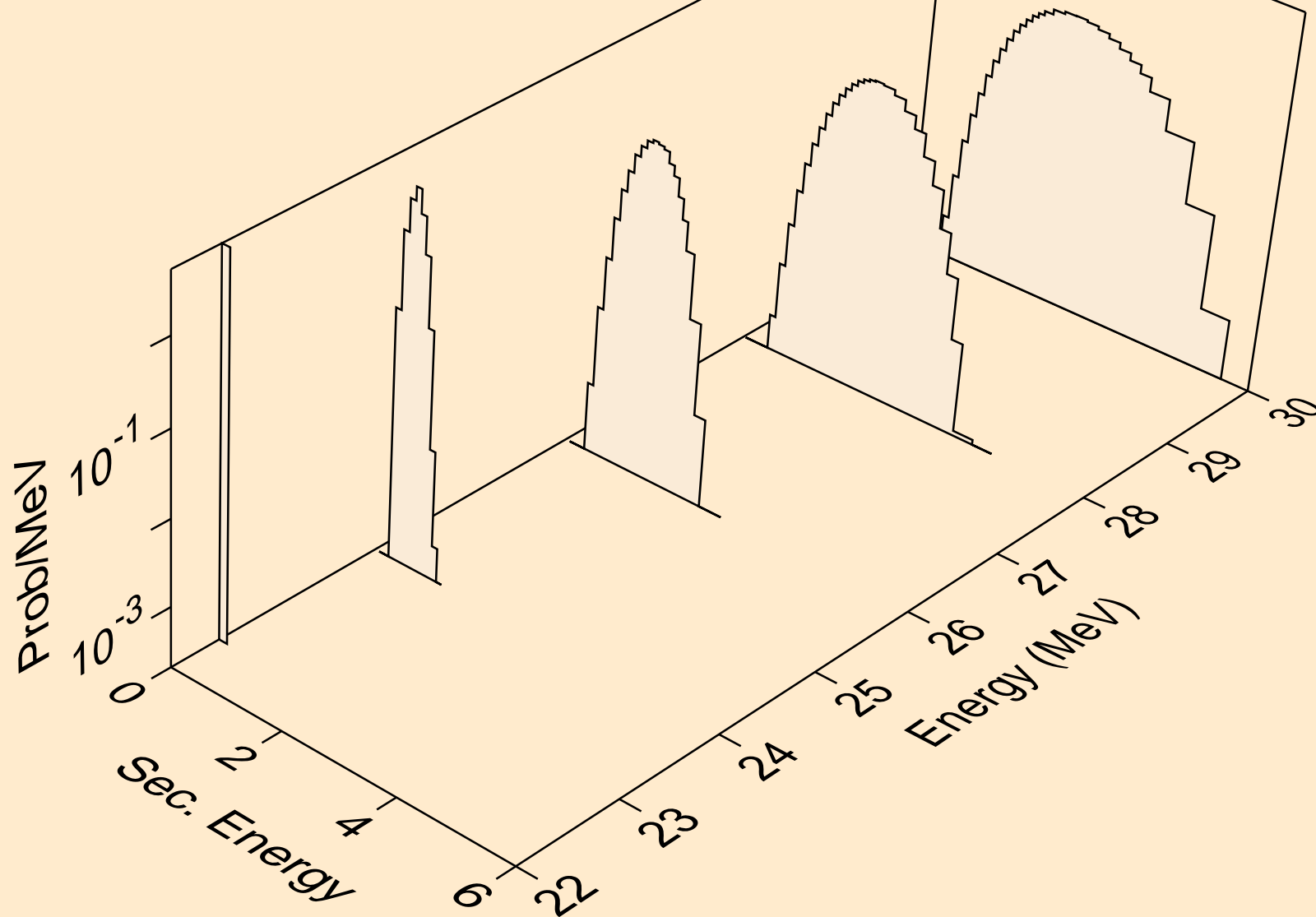
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protons from (a,pa)



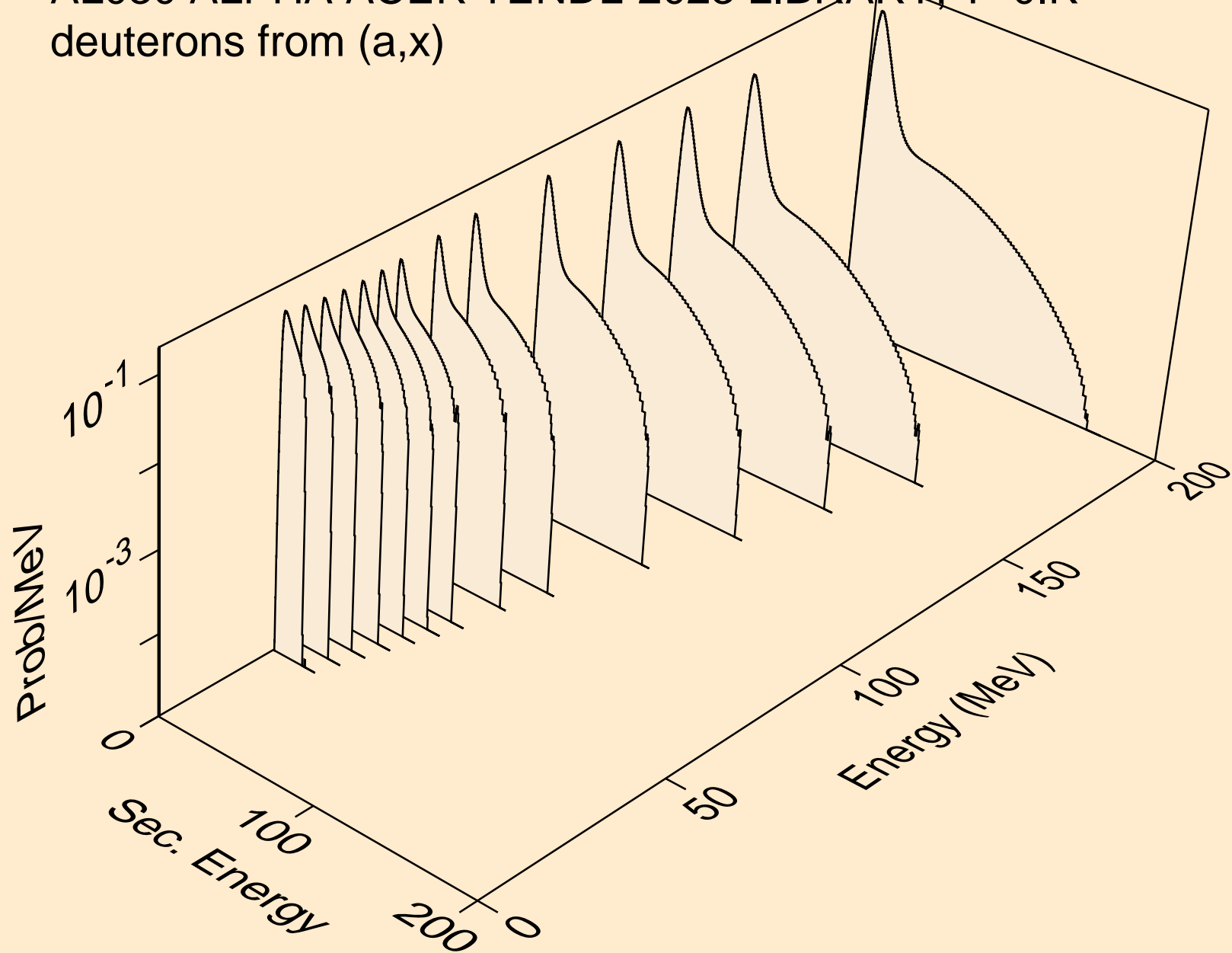
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protons from (a,pd)



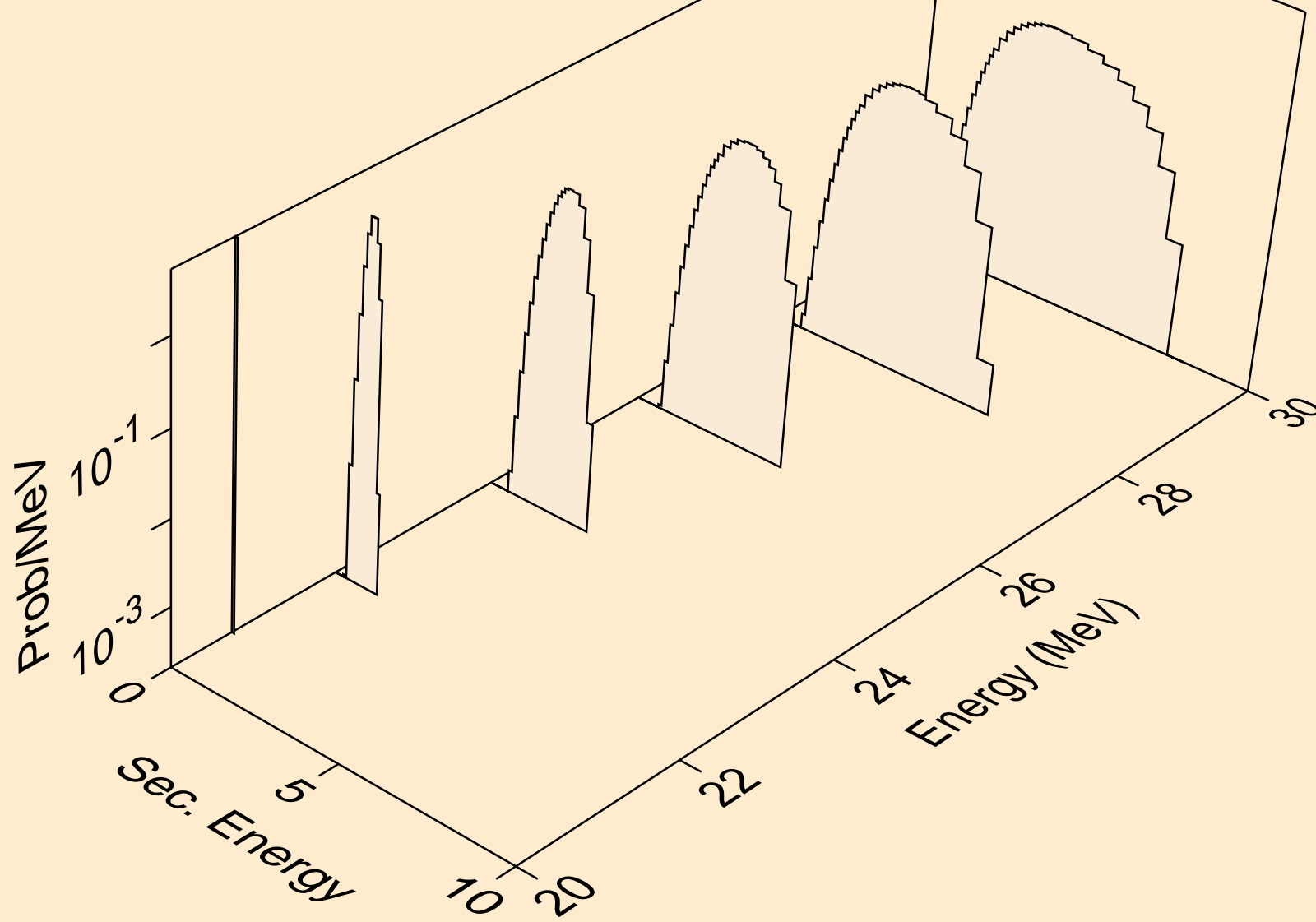
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protons from (a,pt)



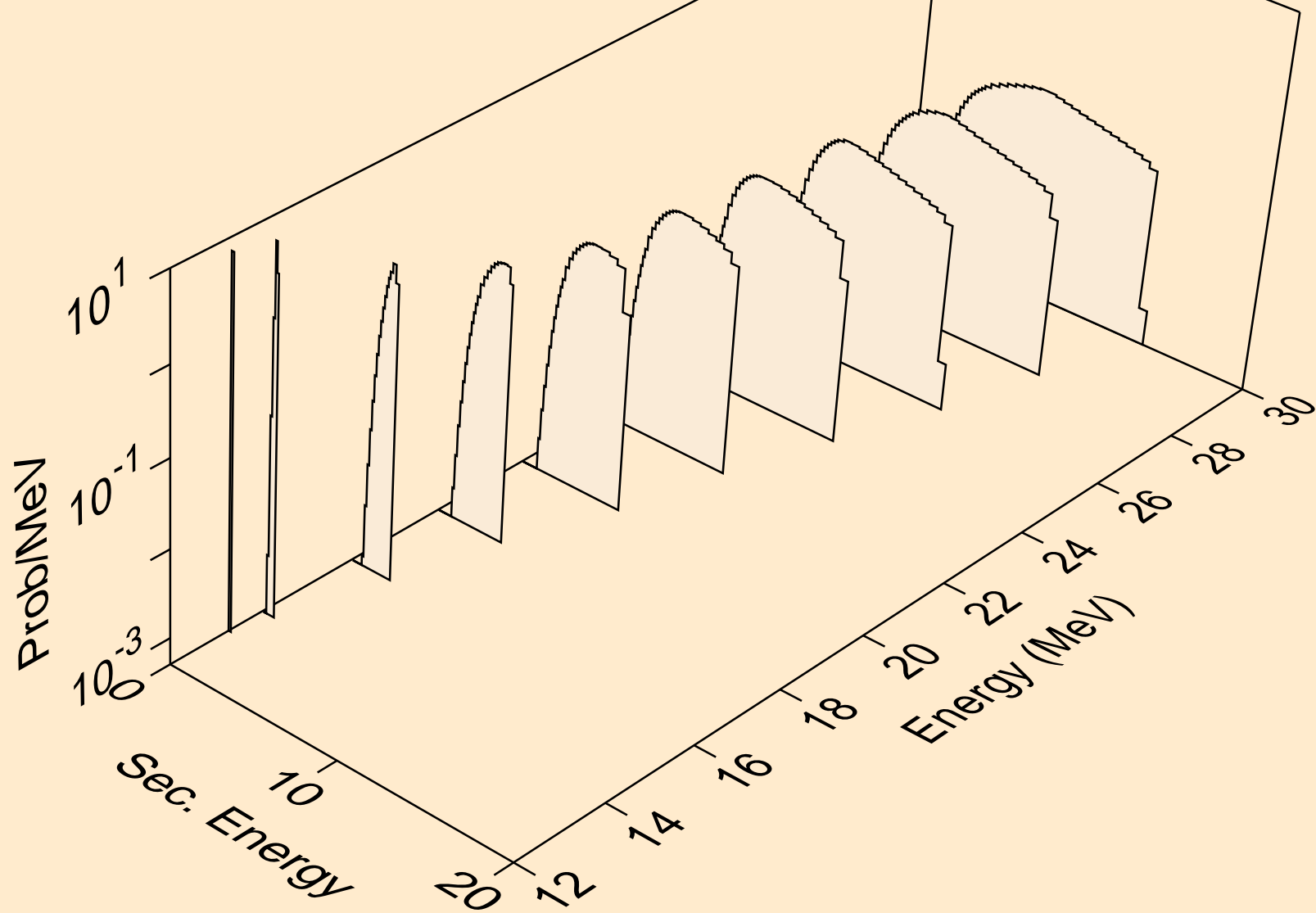
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deuterons from (a,x)



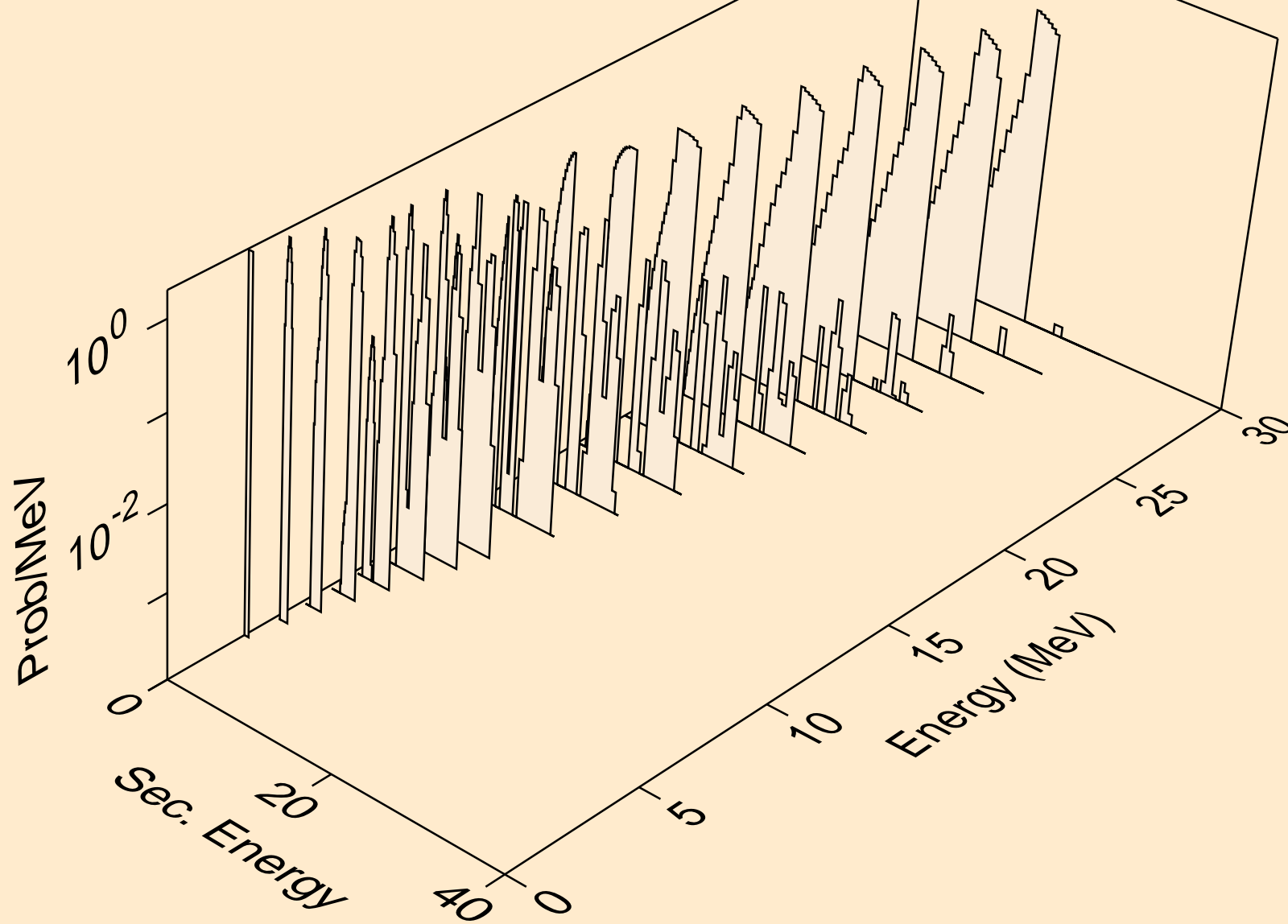
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deuterons from (a,2nd)



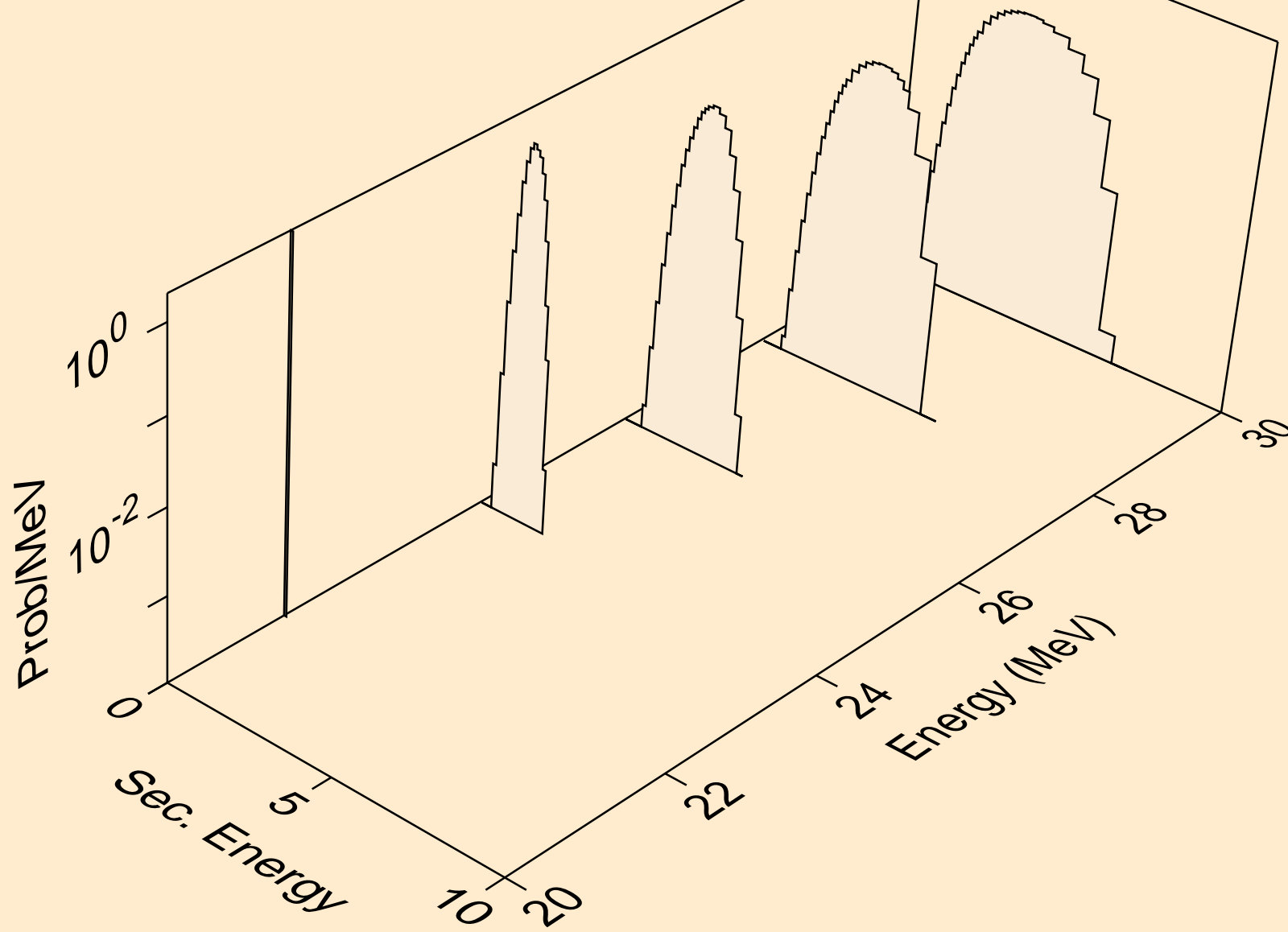
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

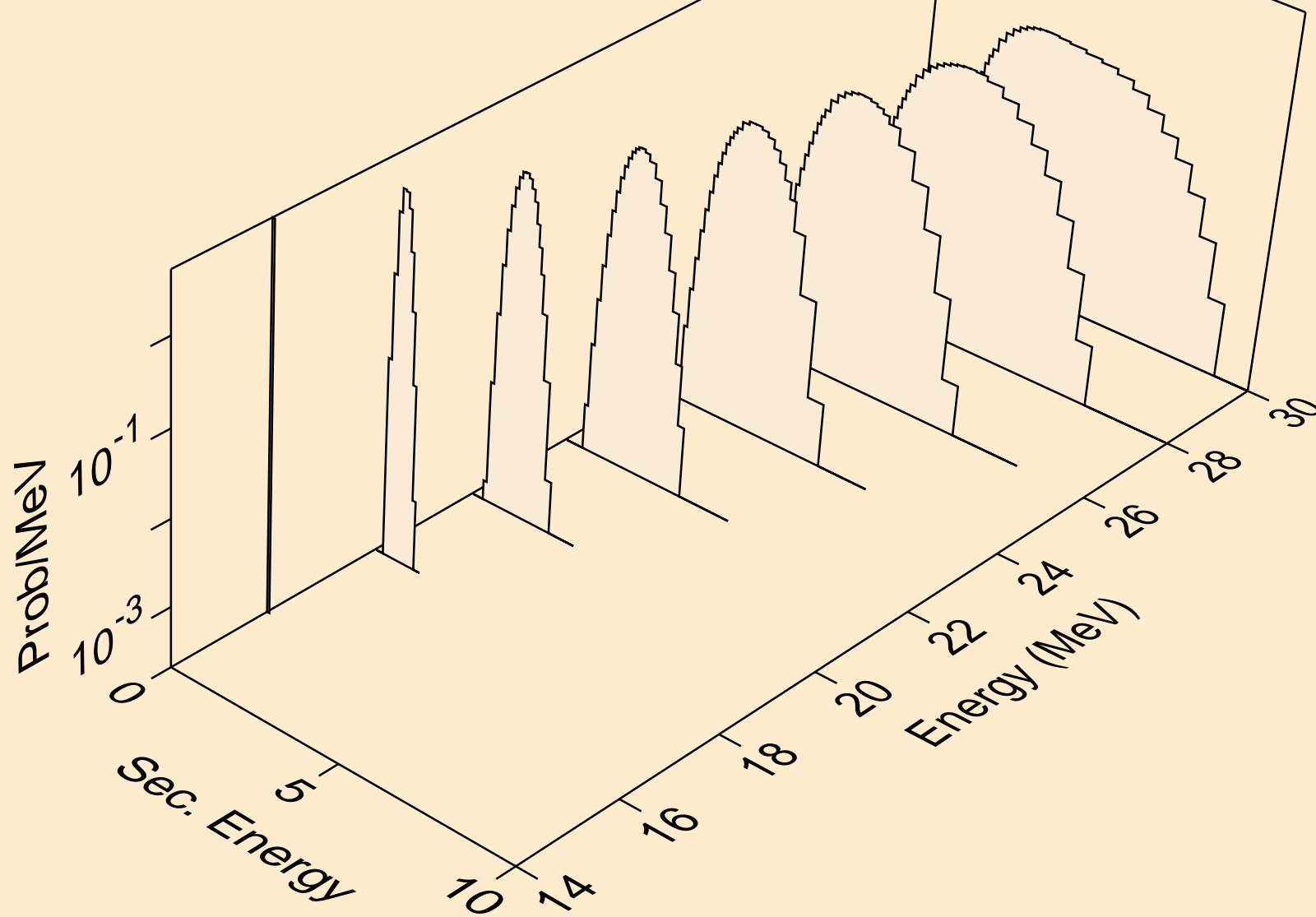


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deuterons from (a,pd)

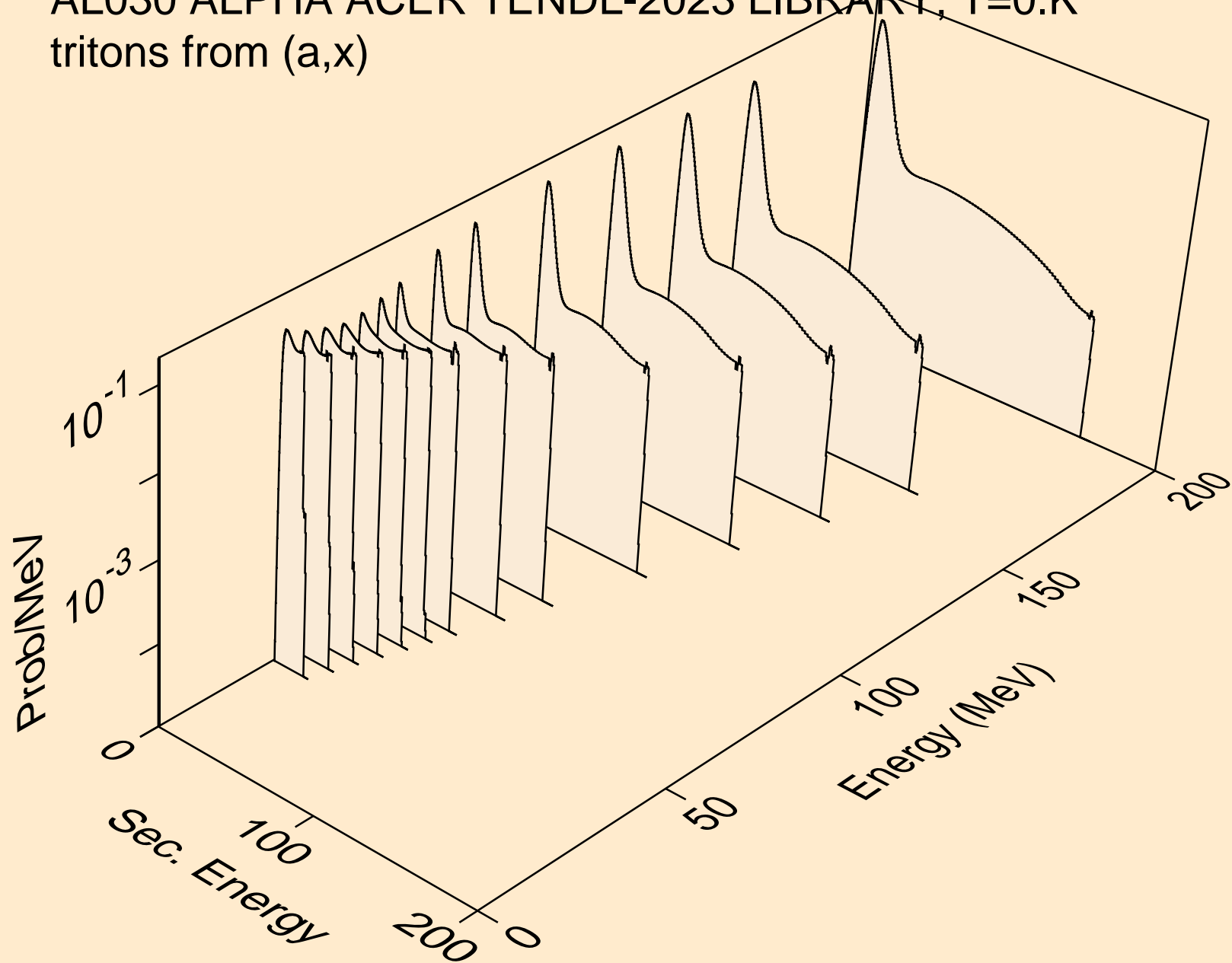




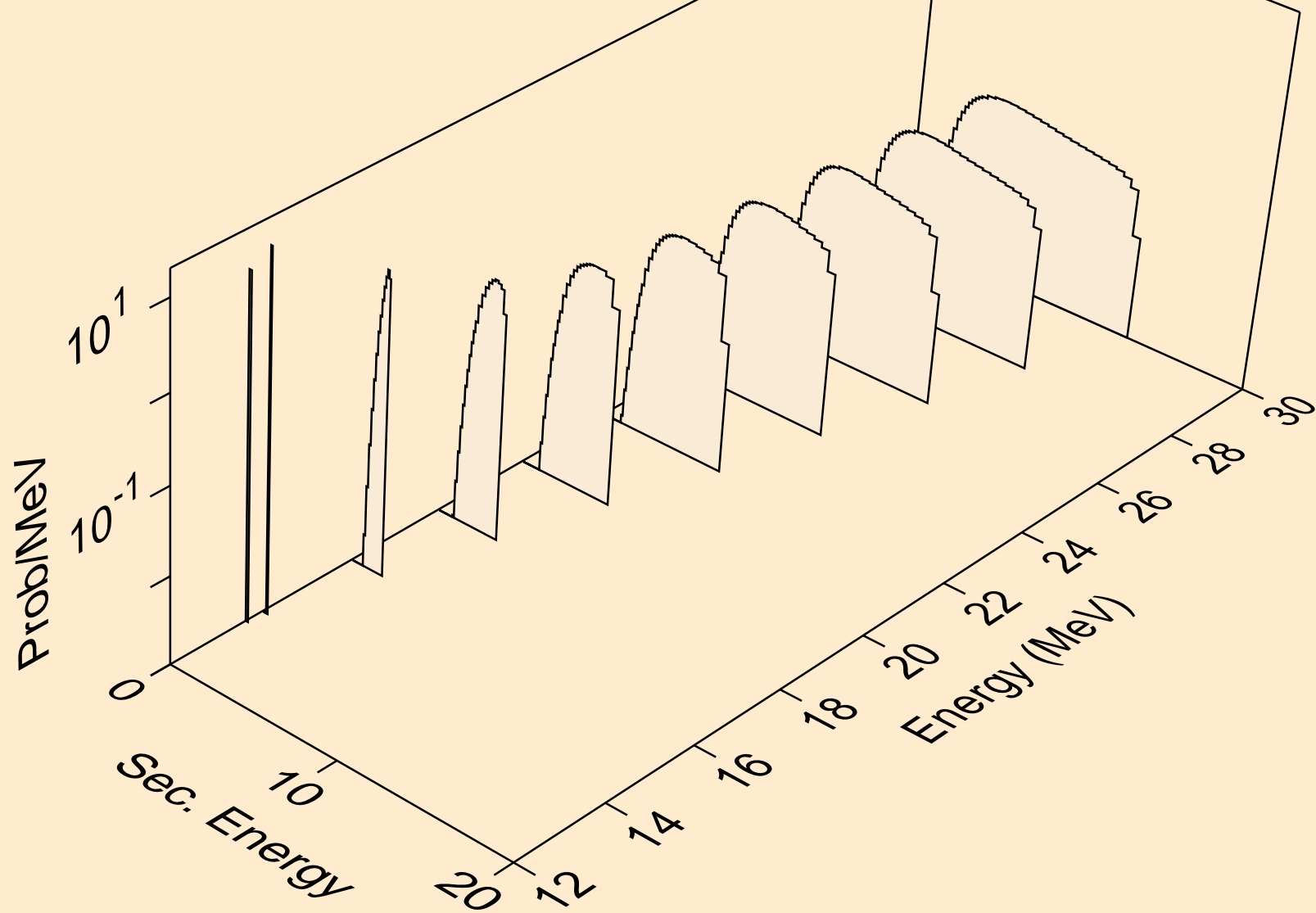
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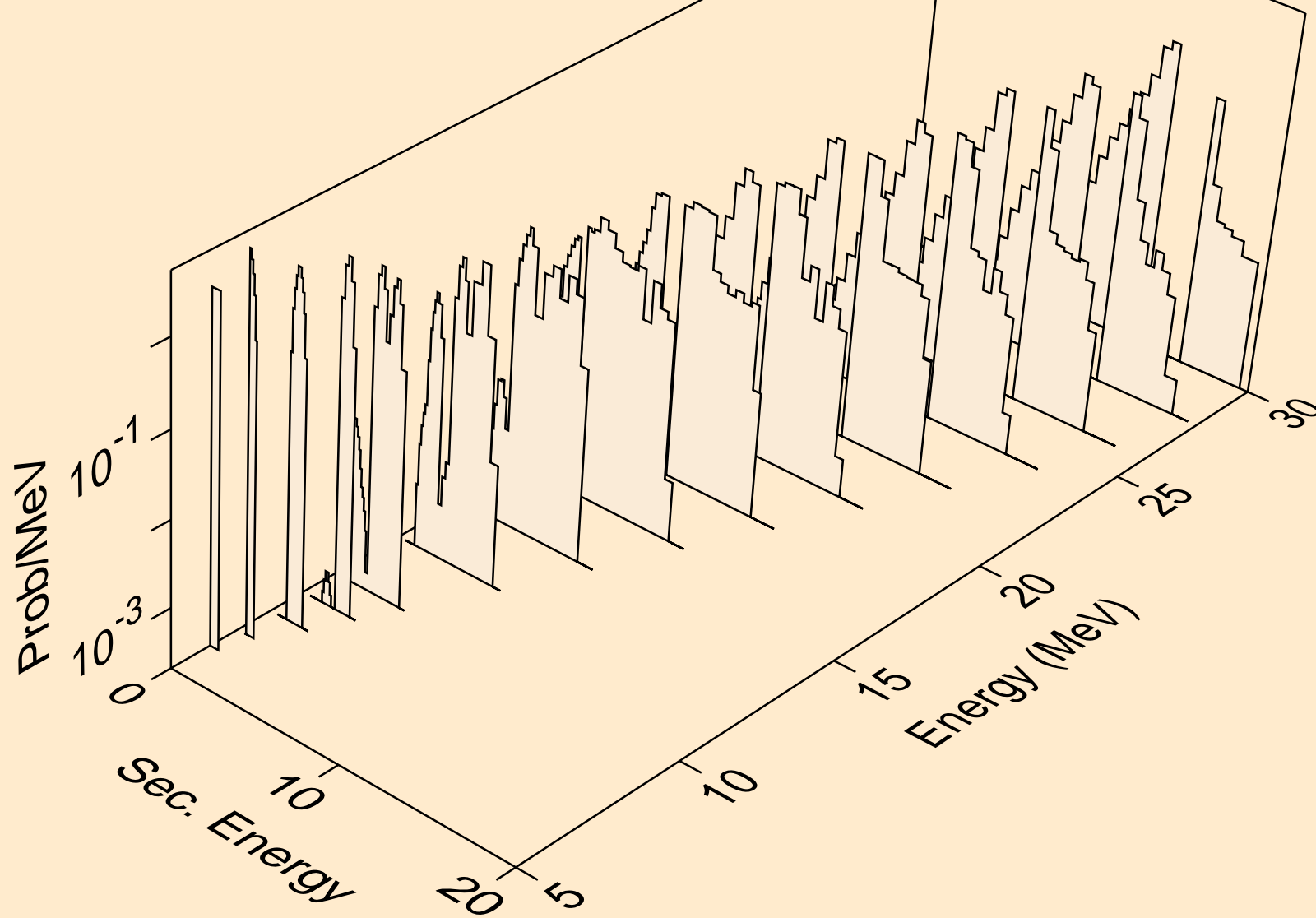
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tritons from (a,x)



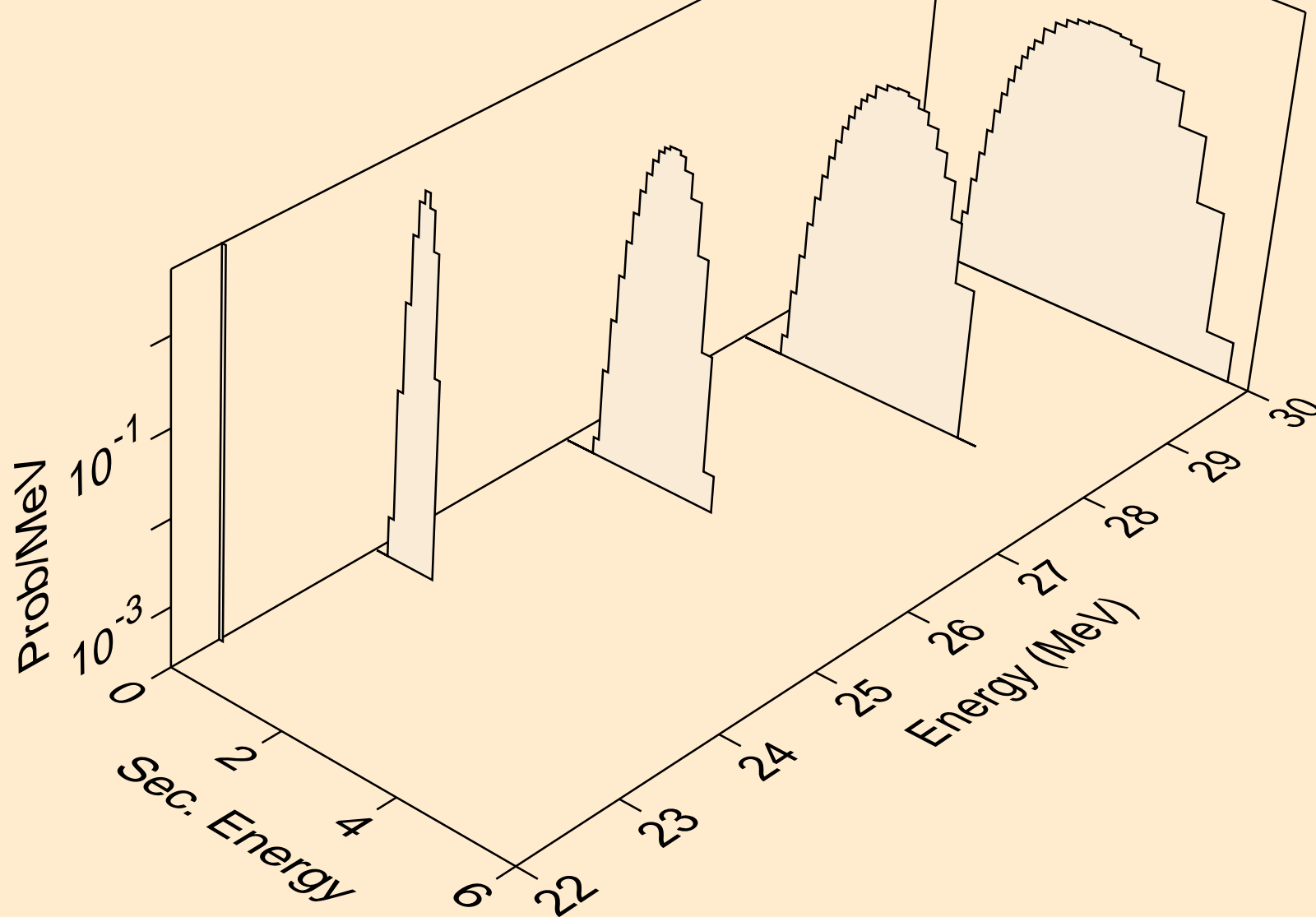
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



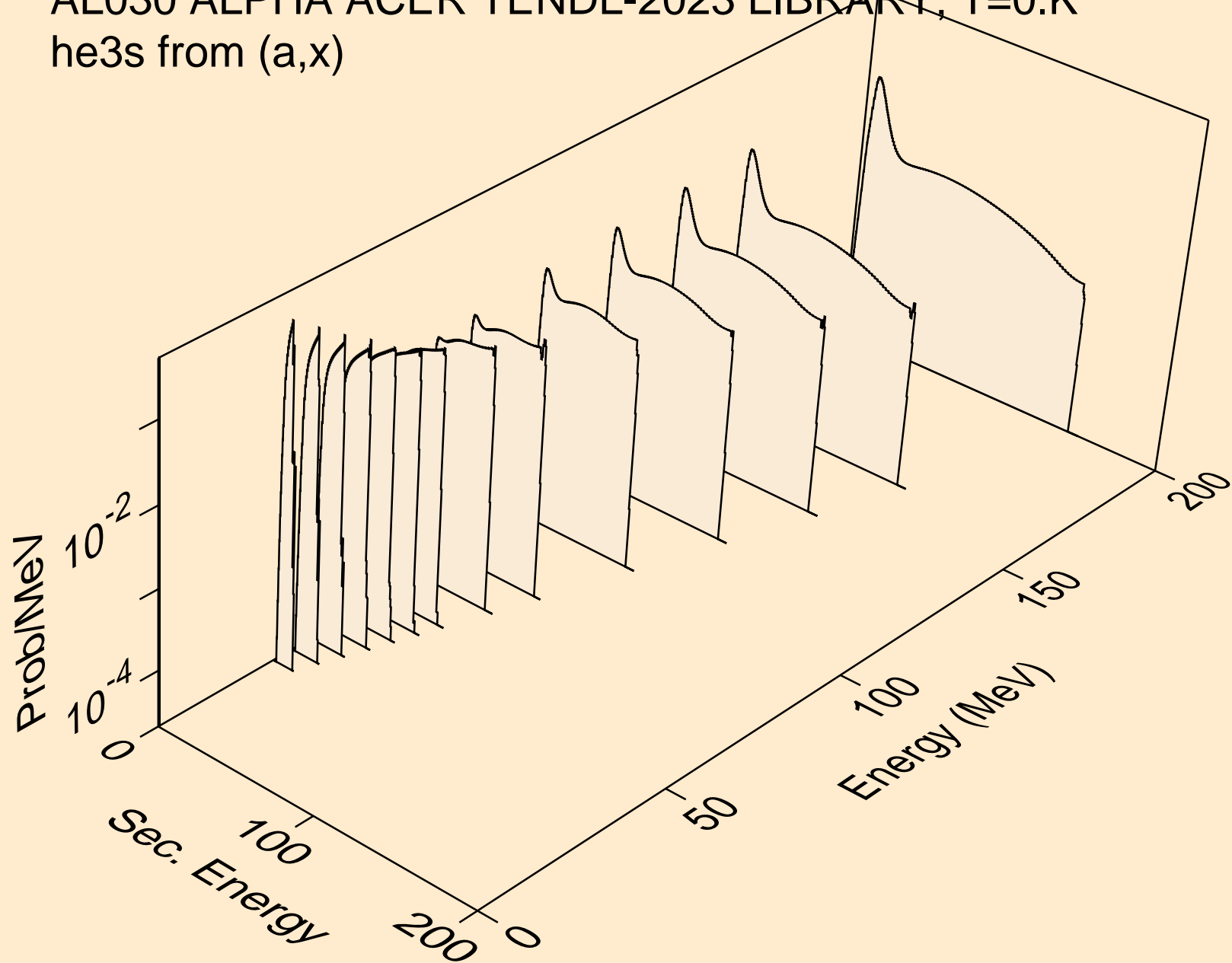
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tritons from (a,t)



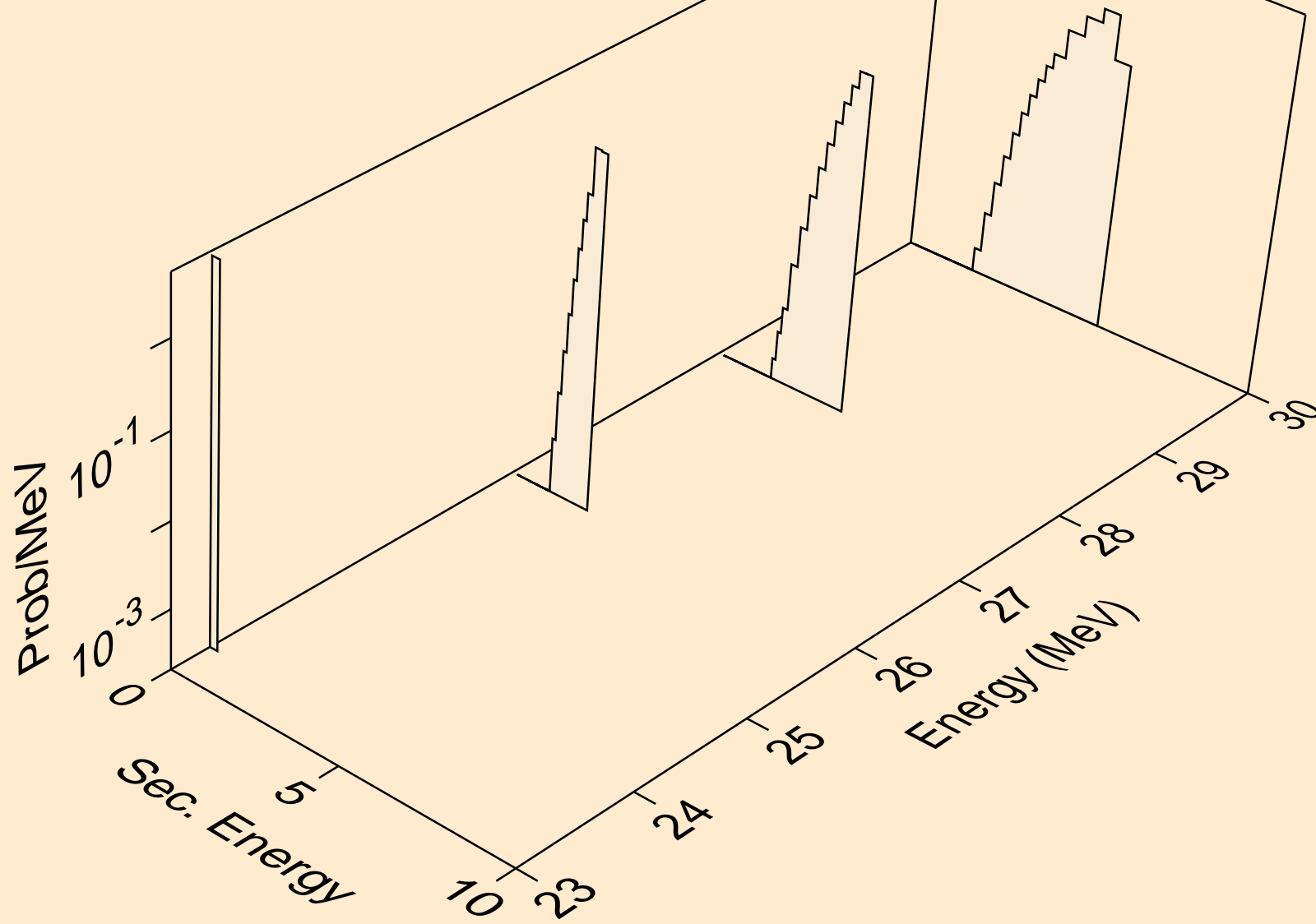
AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



AL030 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

