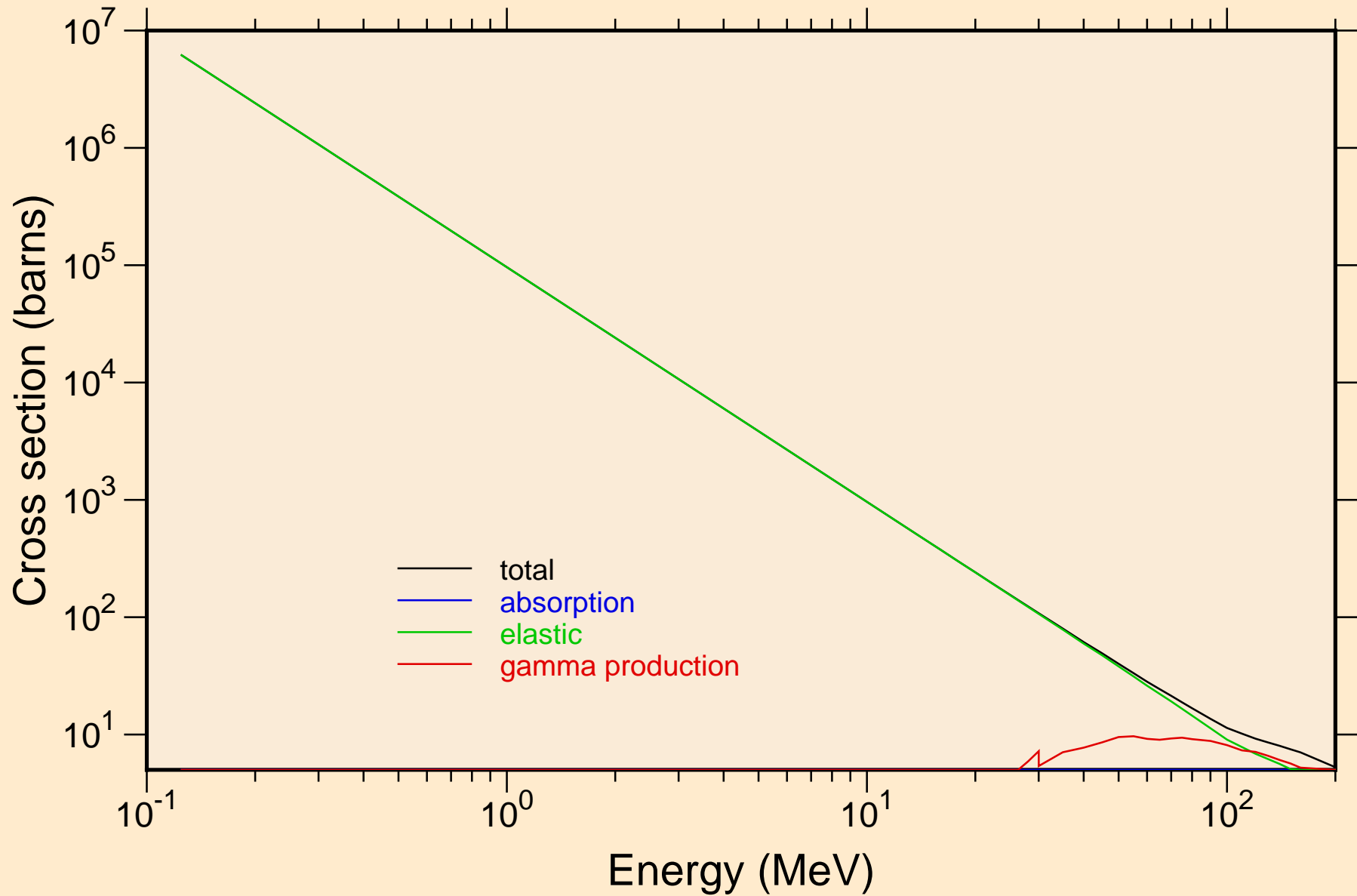


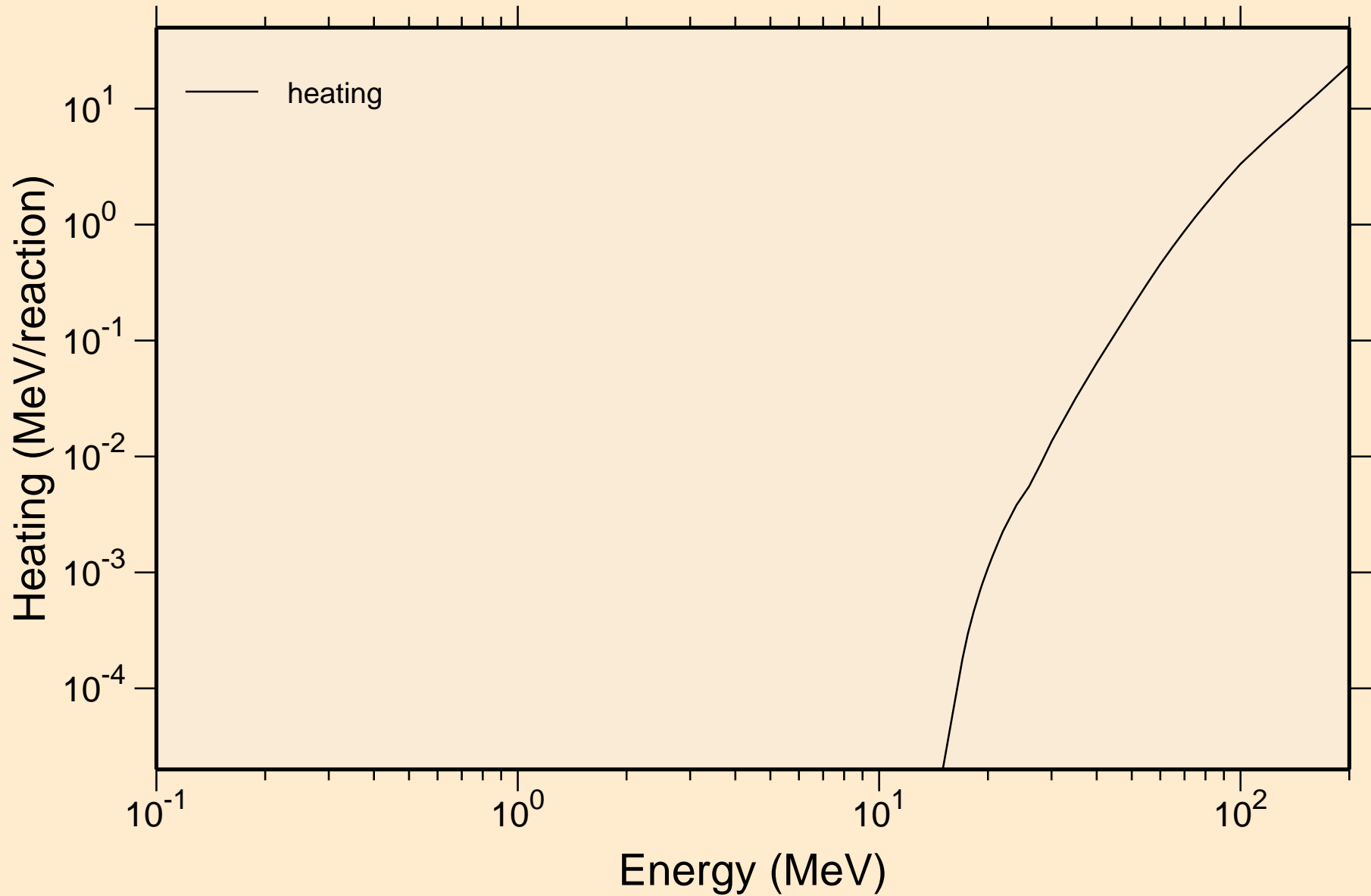
# PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



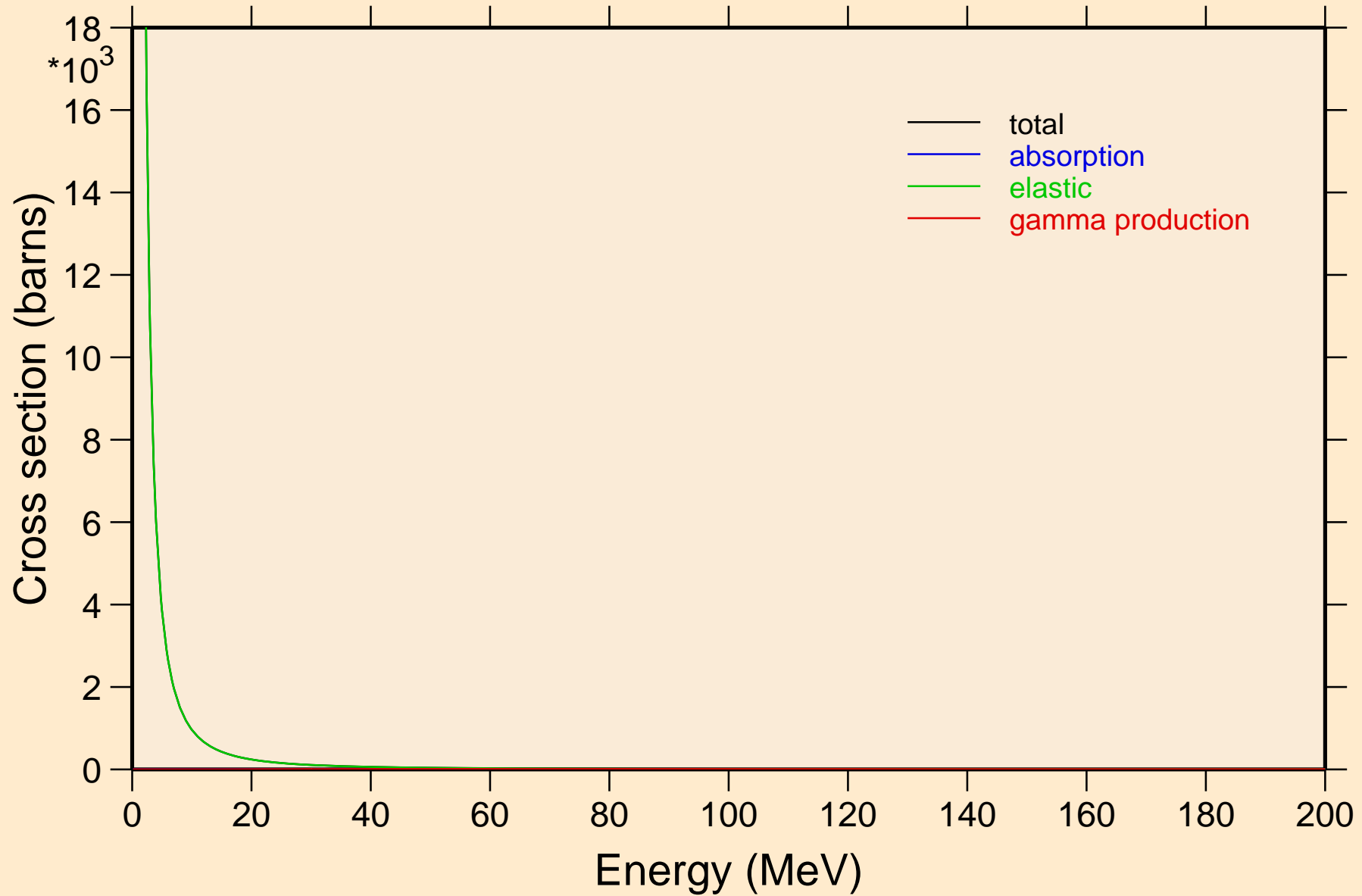
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Heating



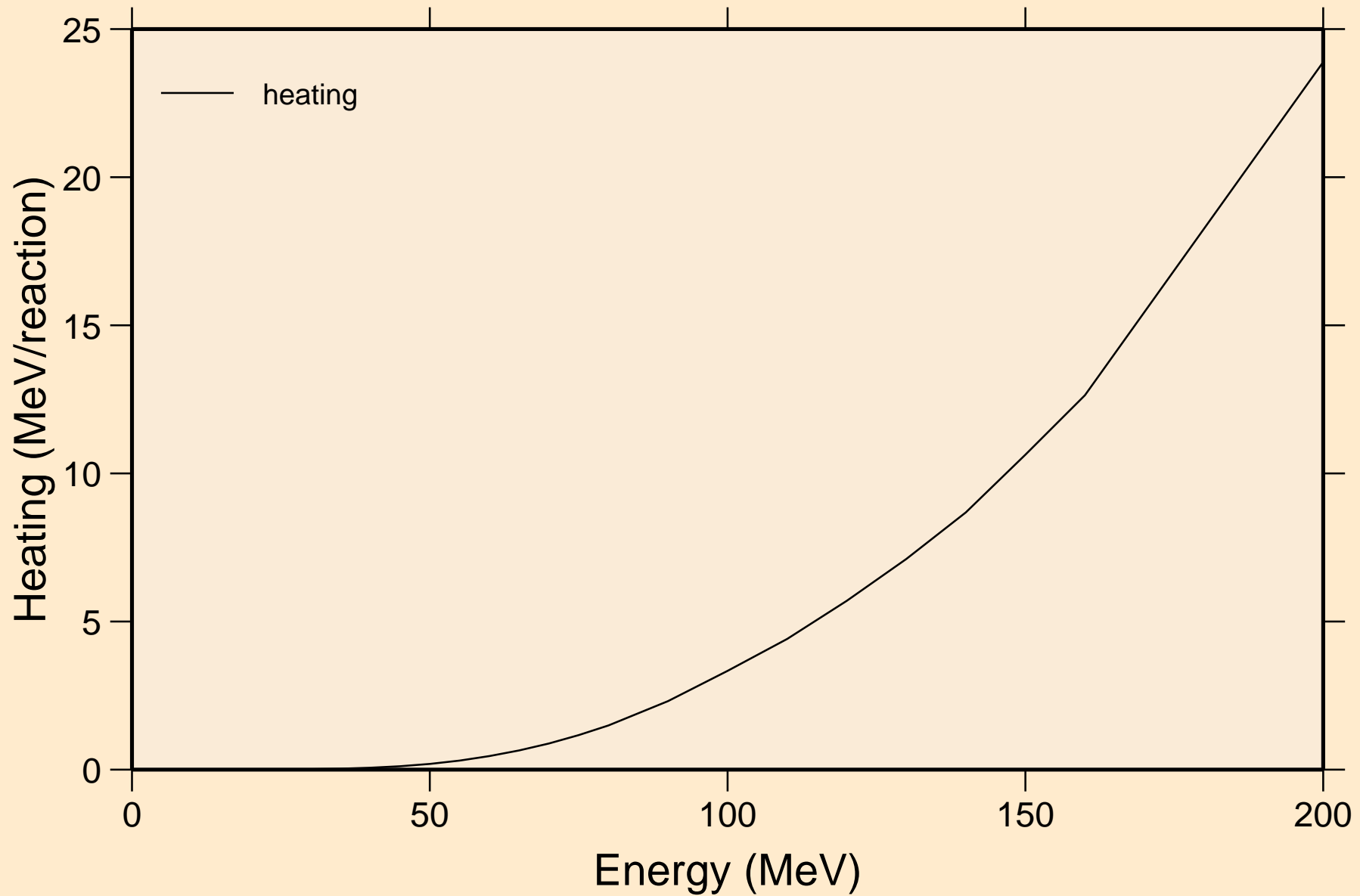
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## Principal cross sections

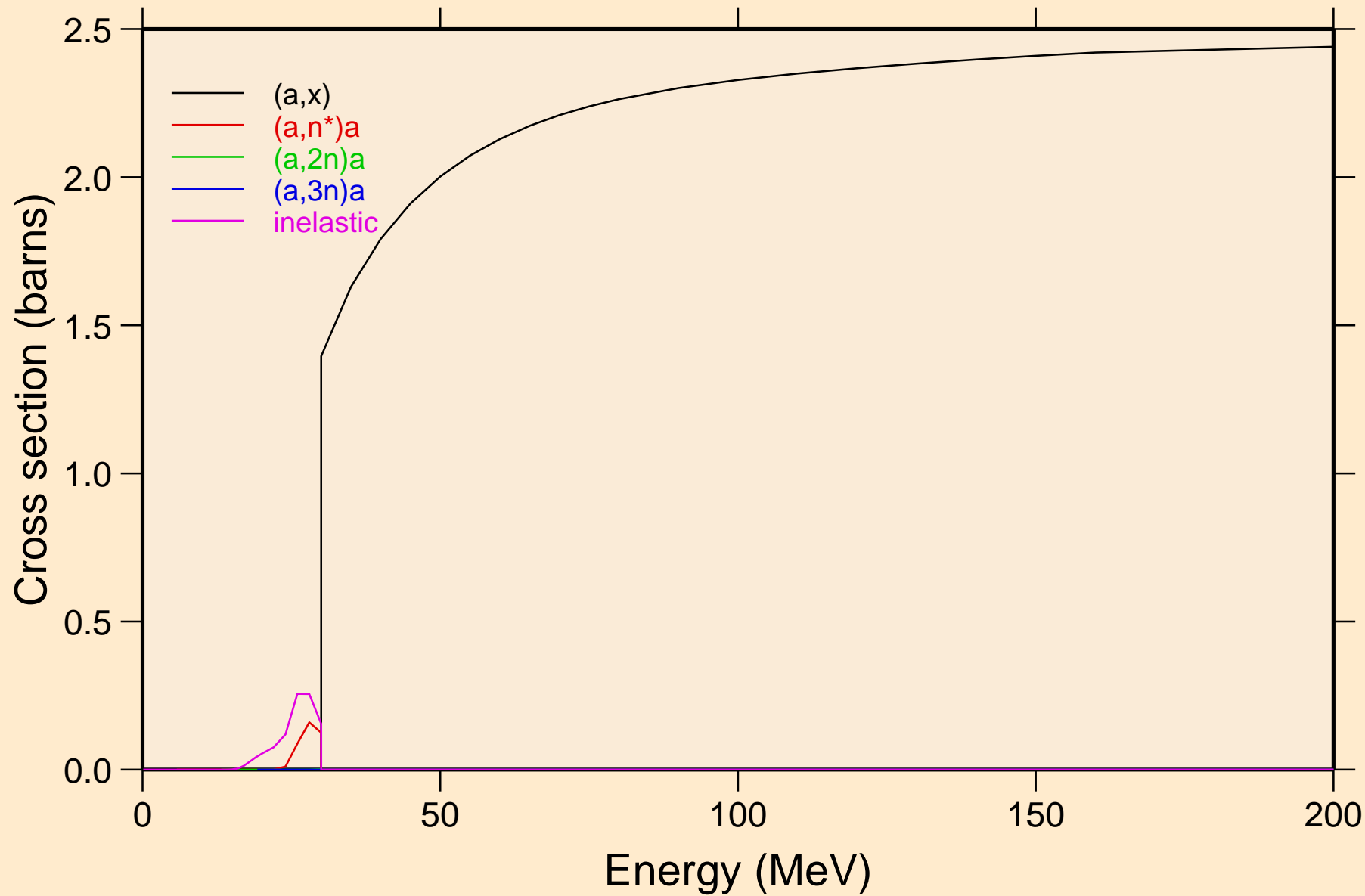


PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

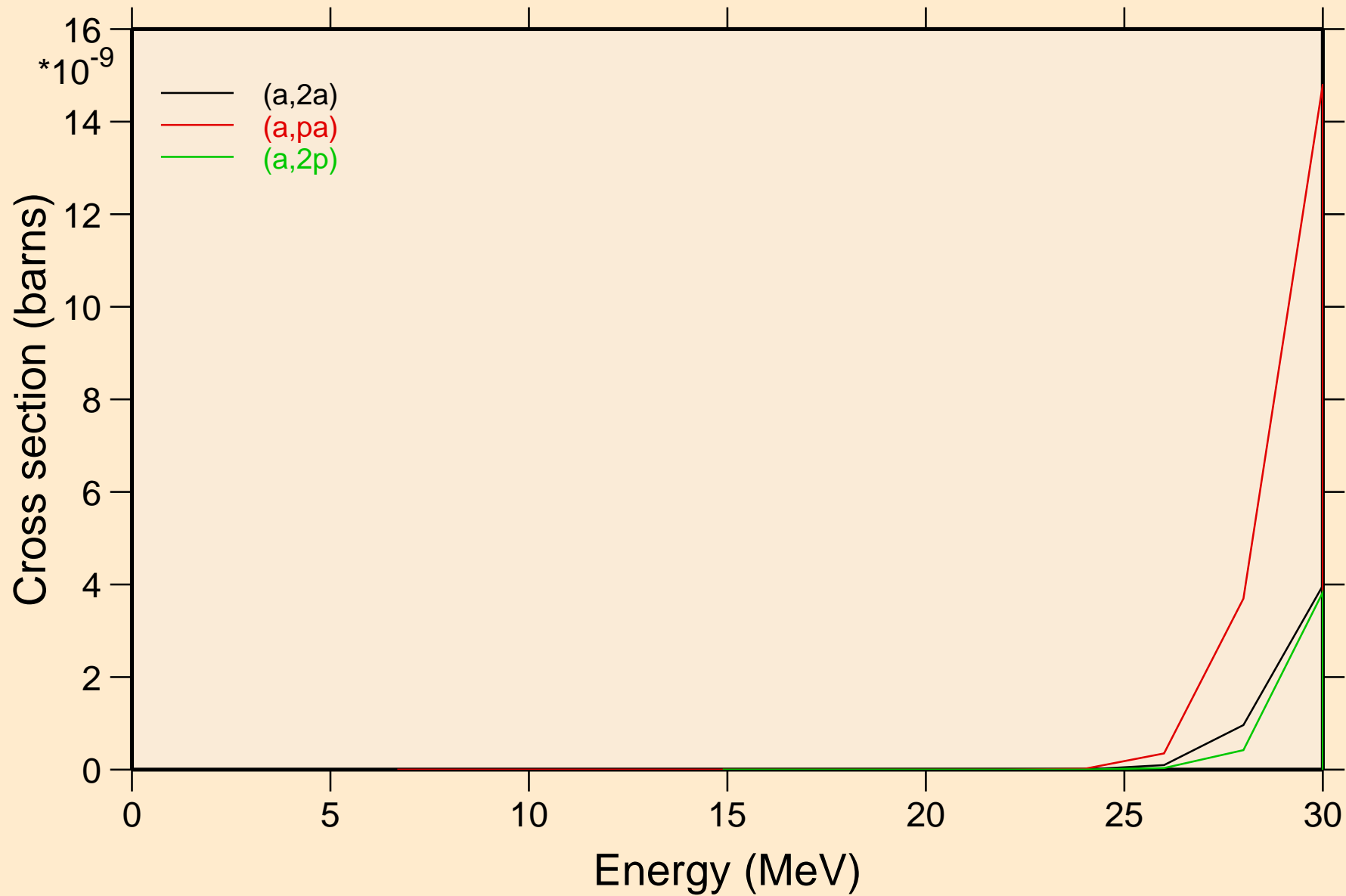
Heating



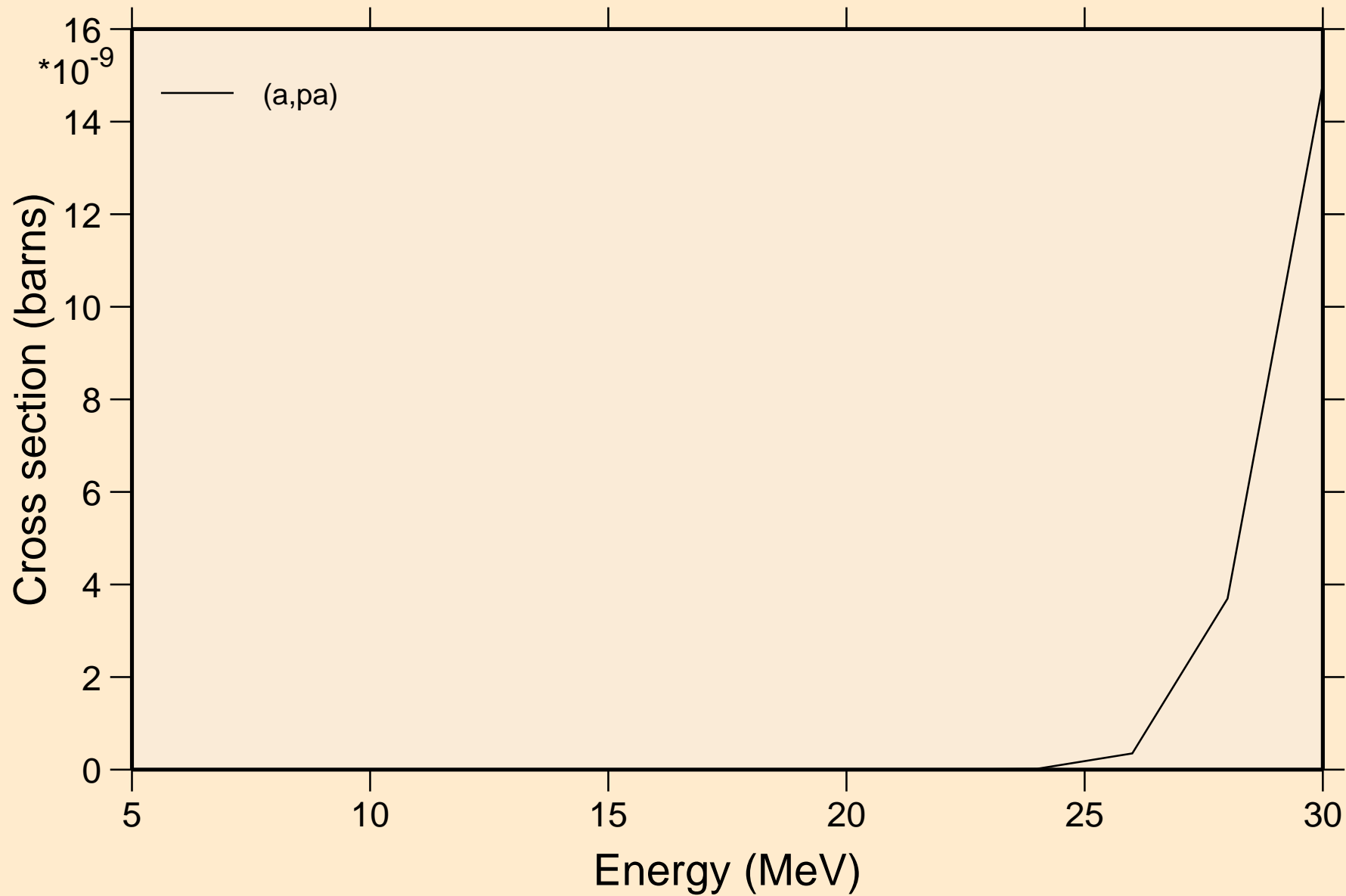
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Threshold reactions



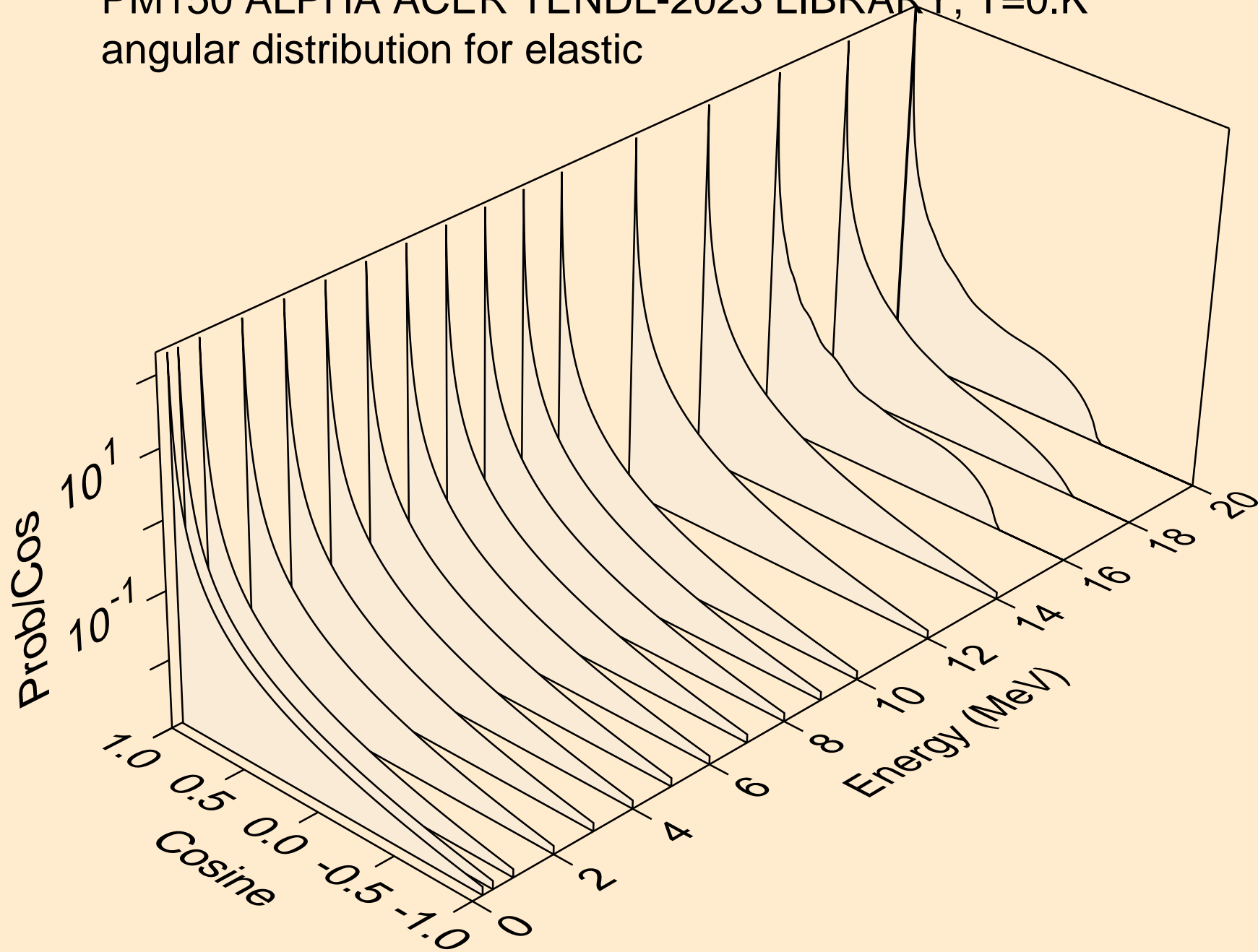
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

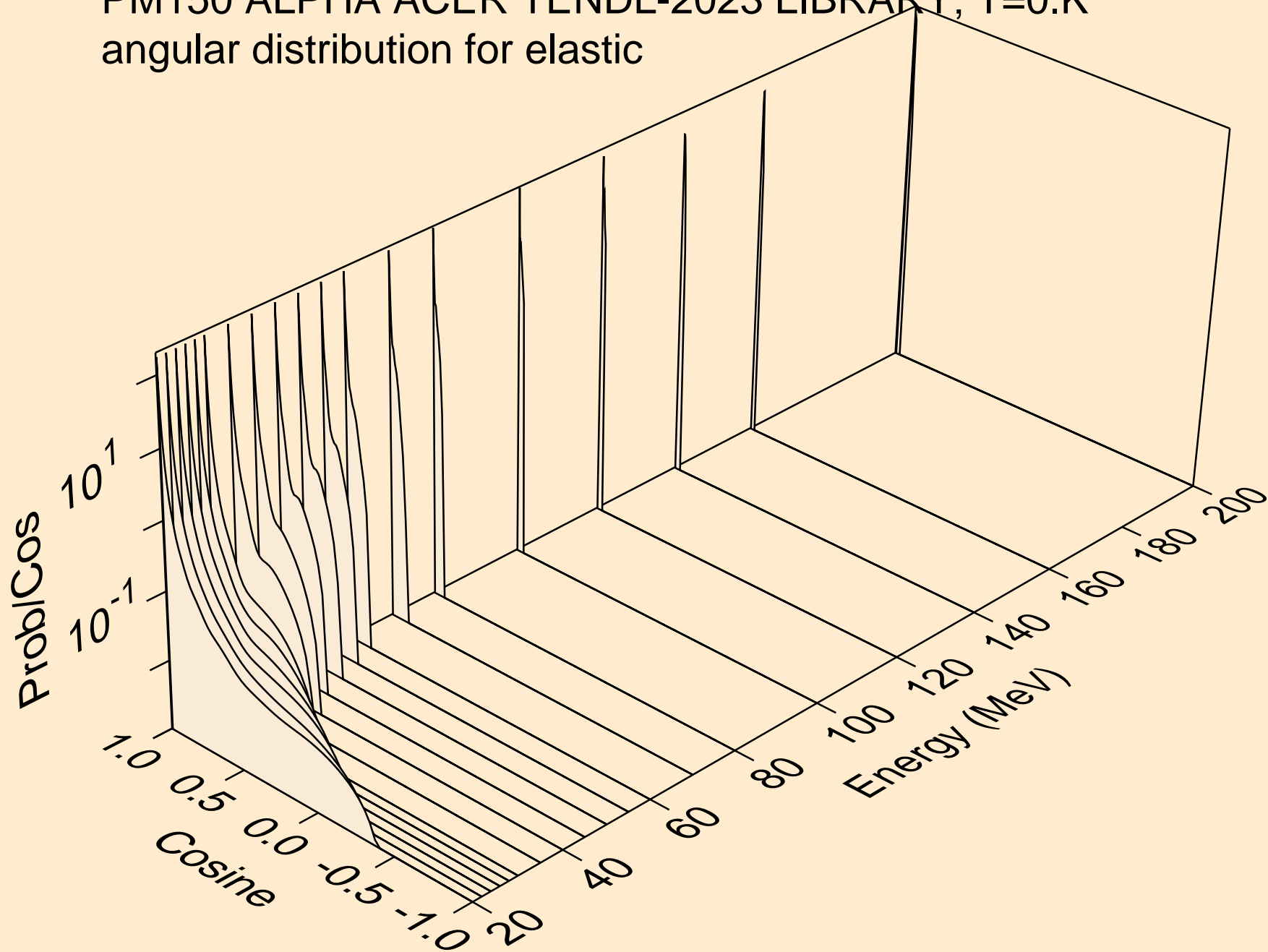


PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

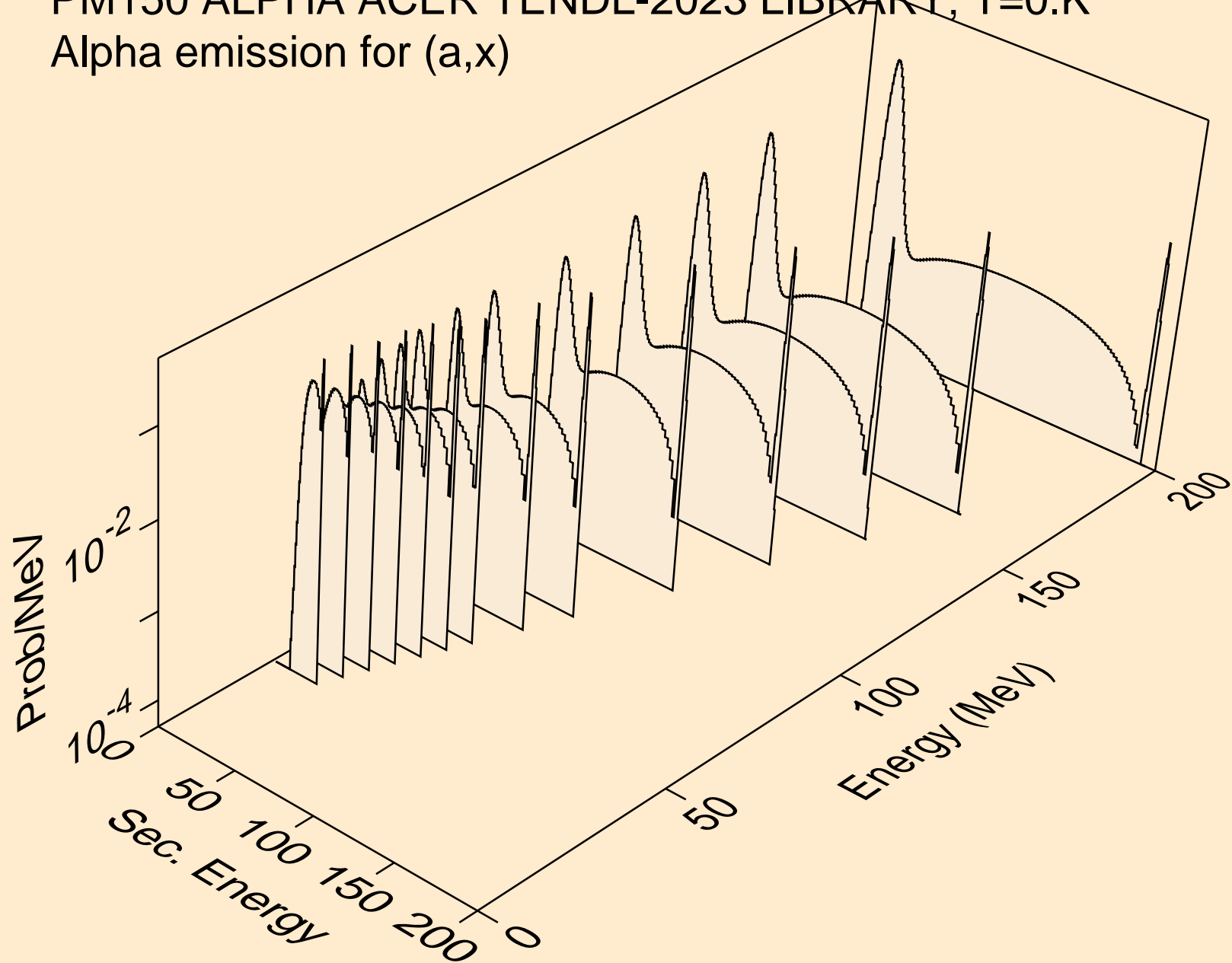




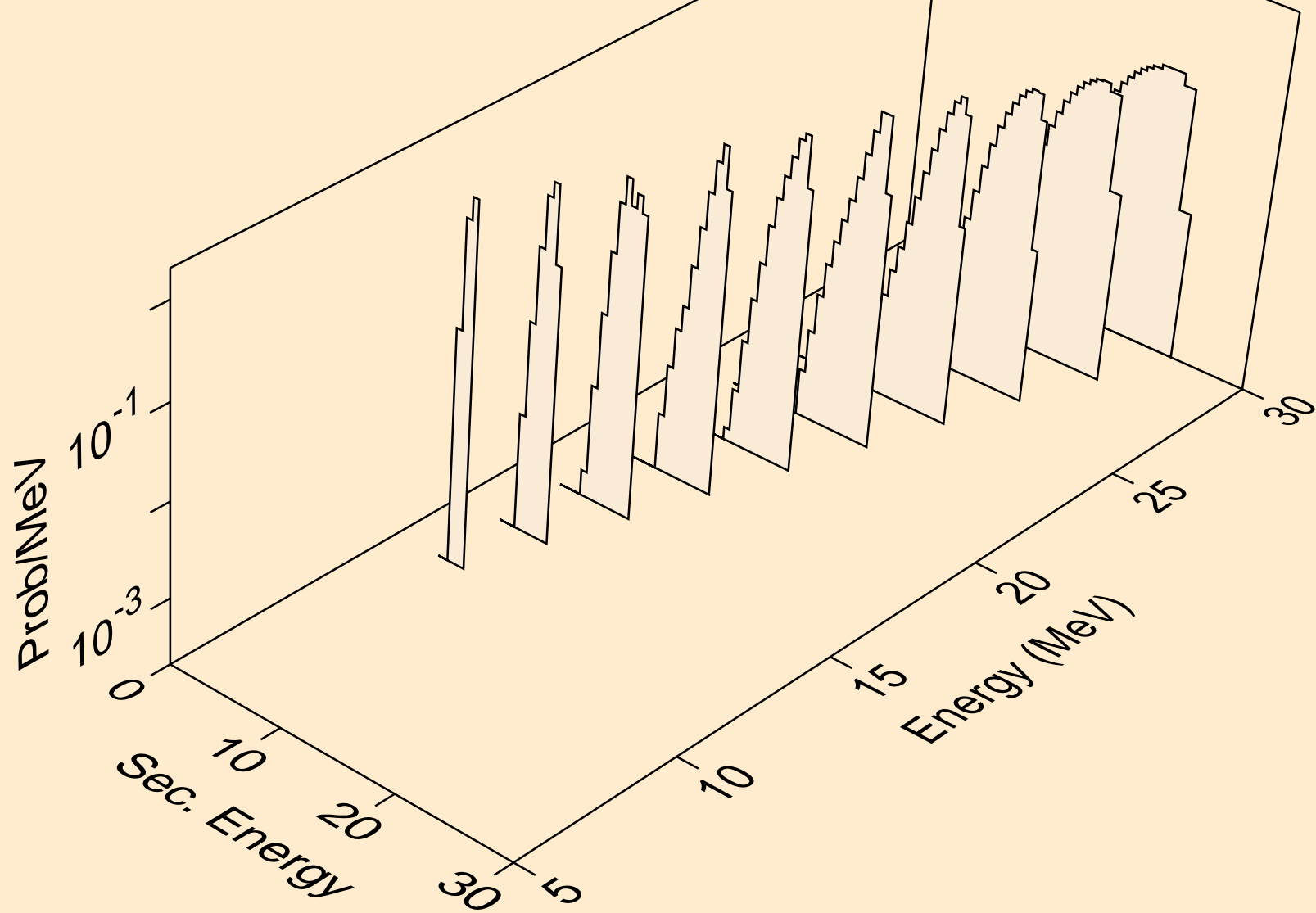
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



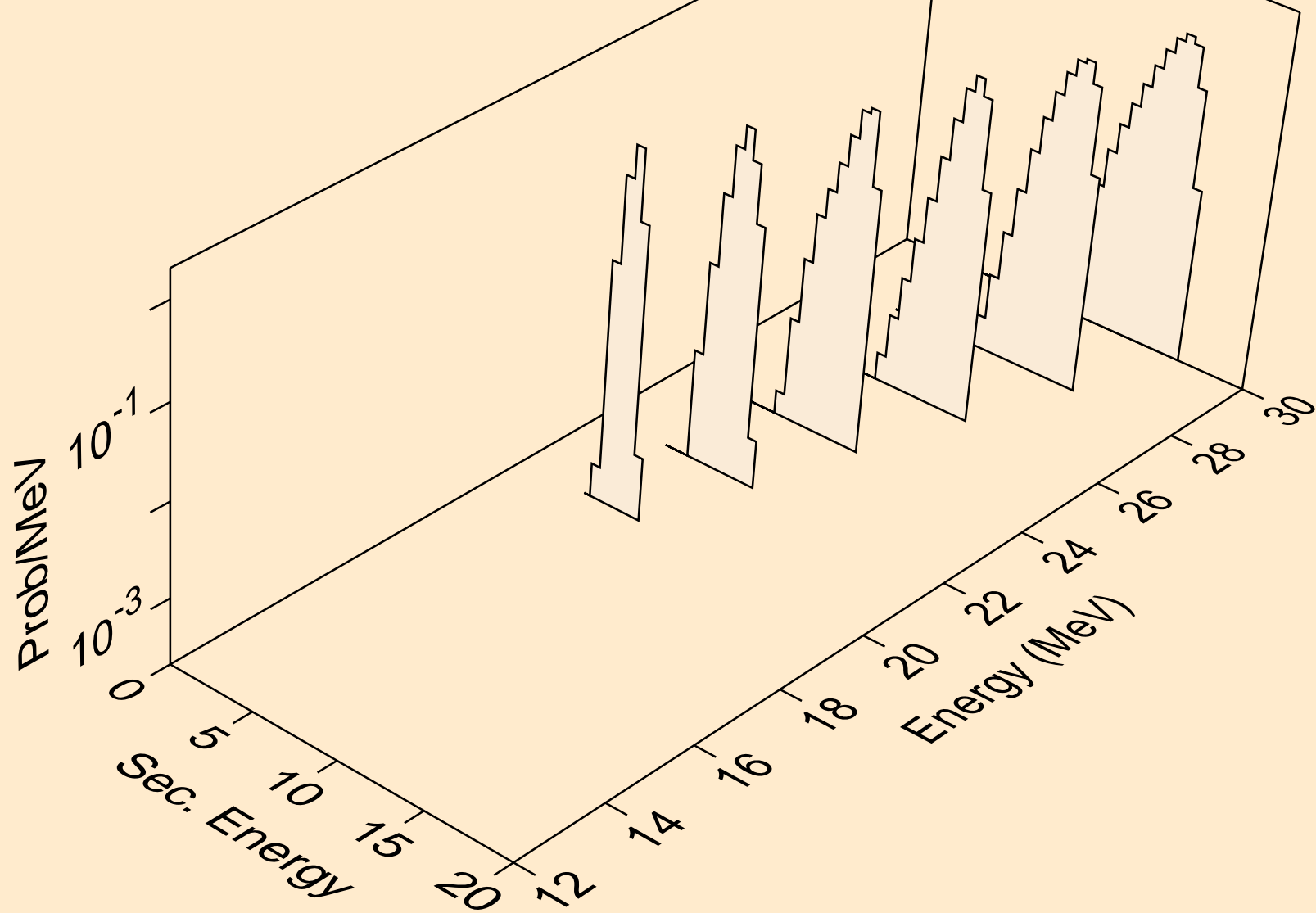
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



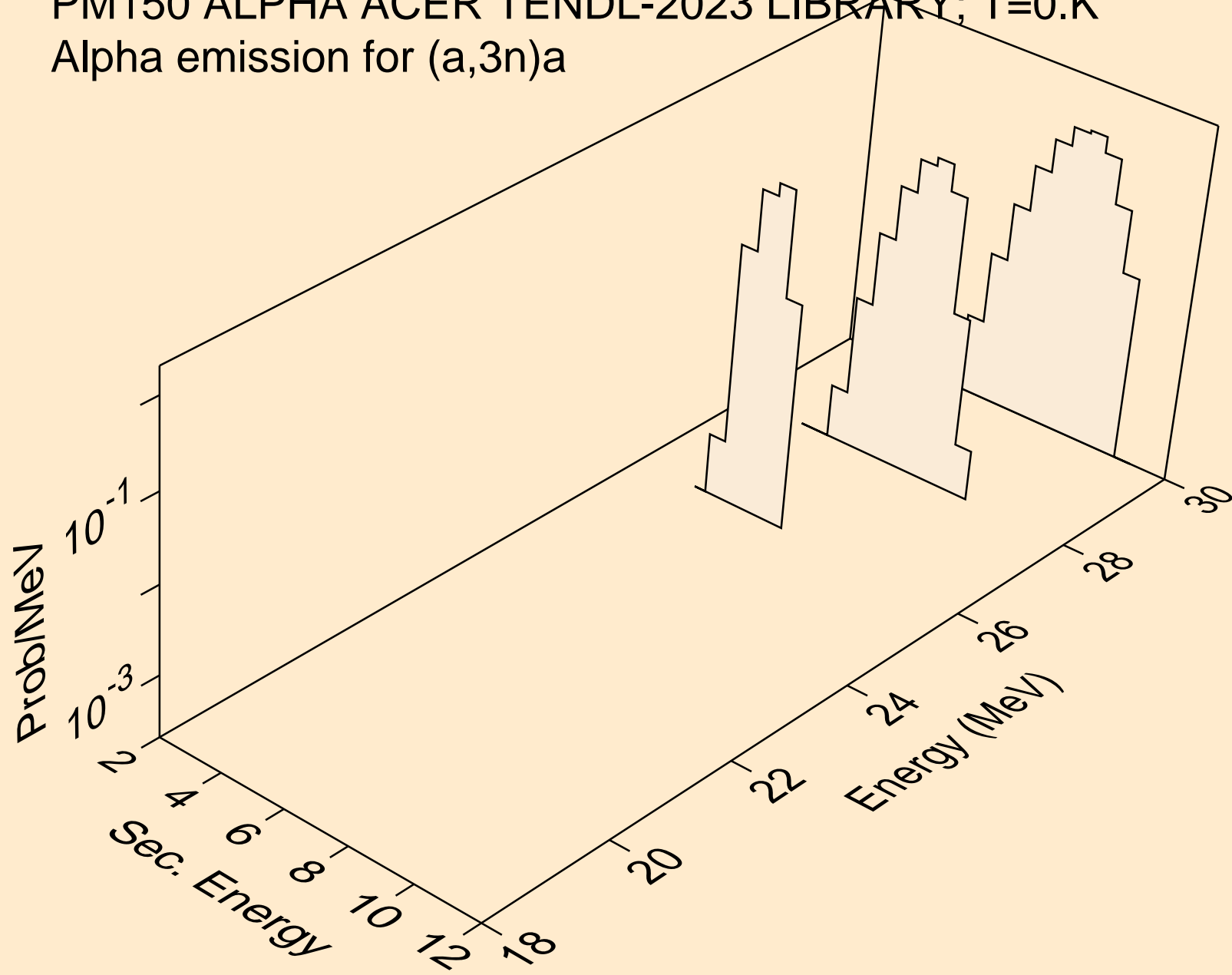
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



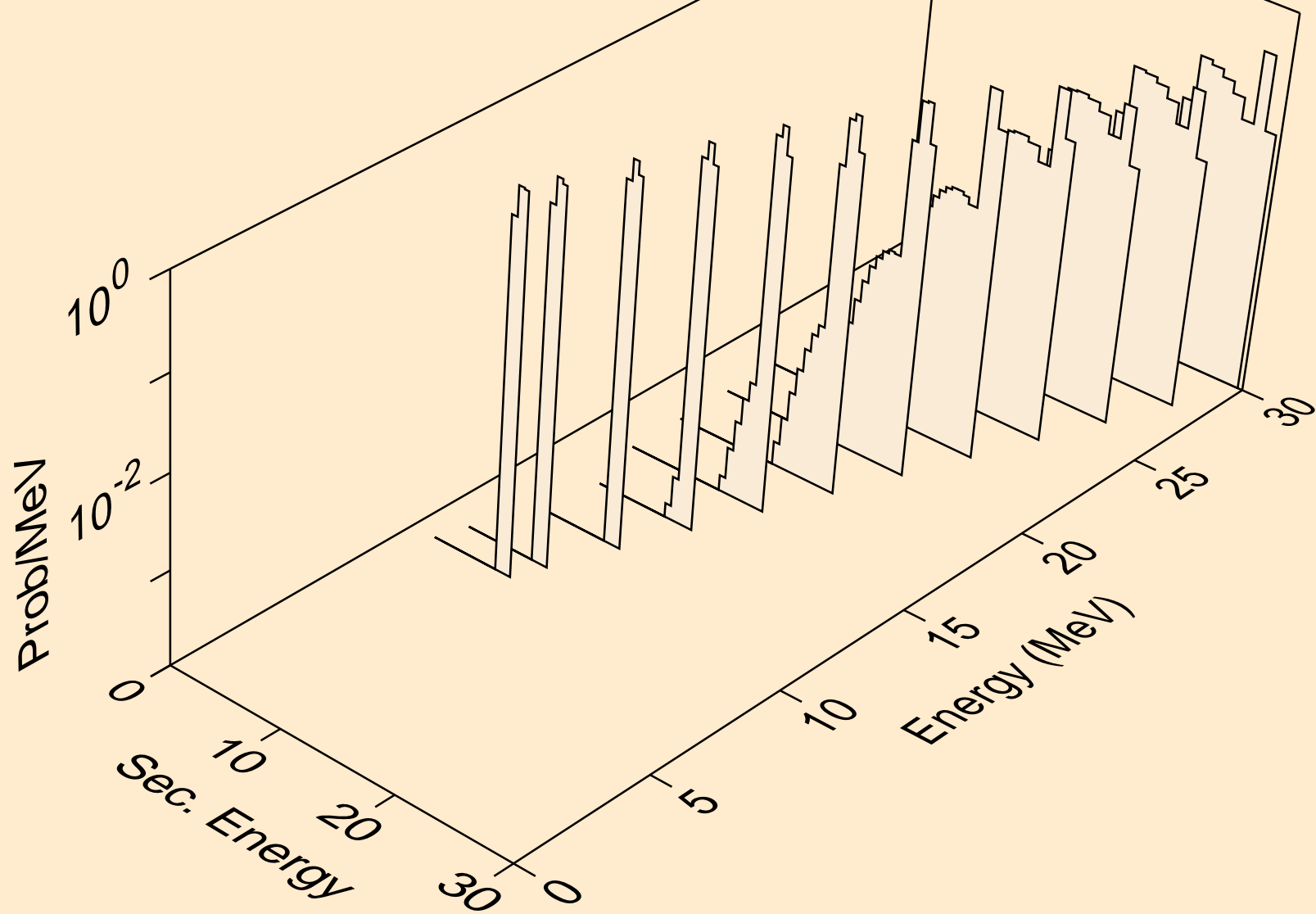
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



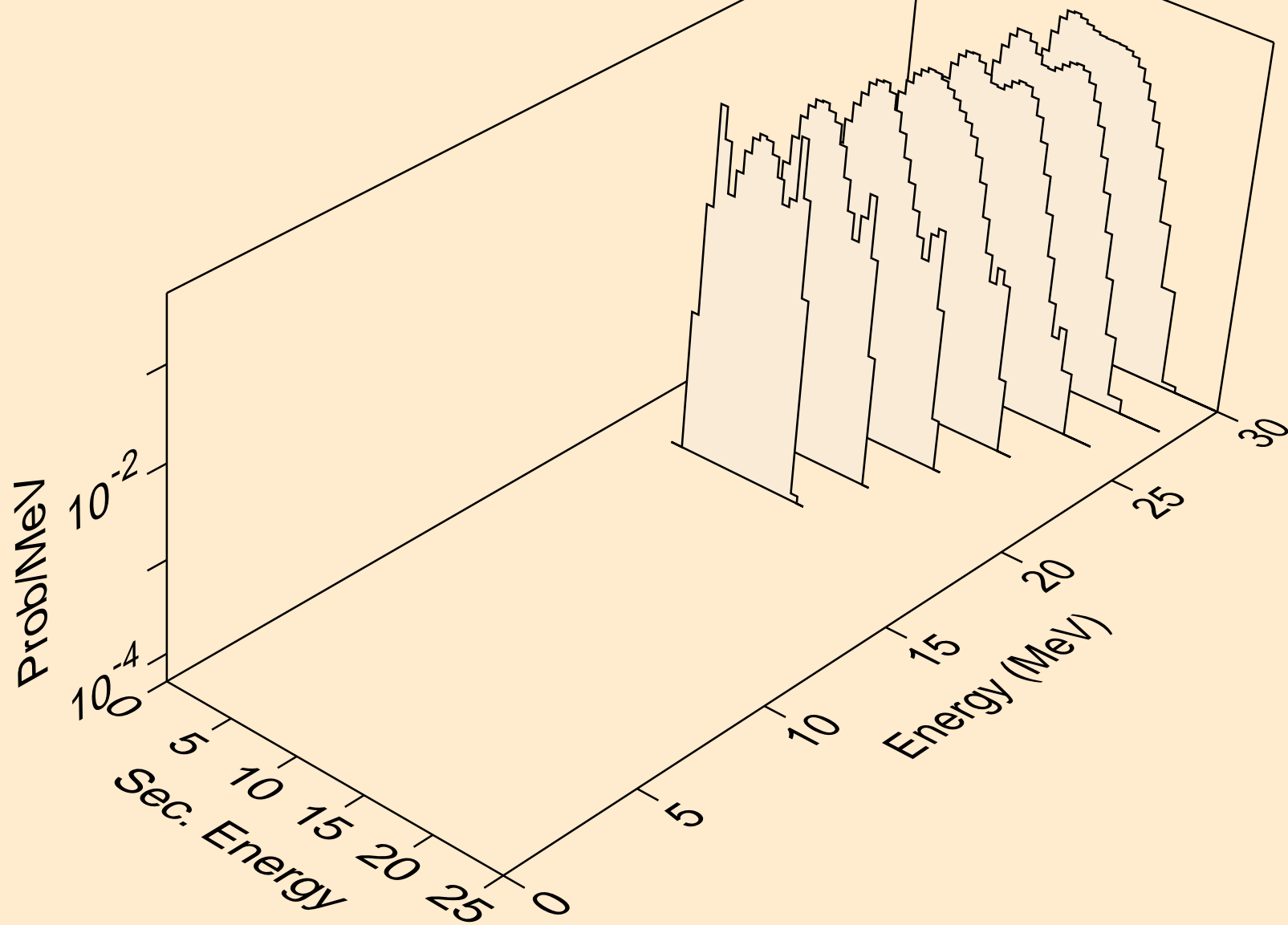
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



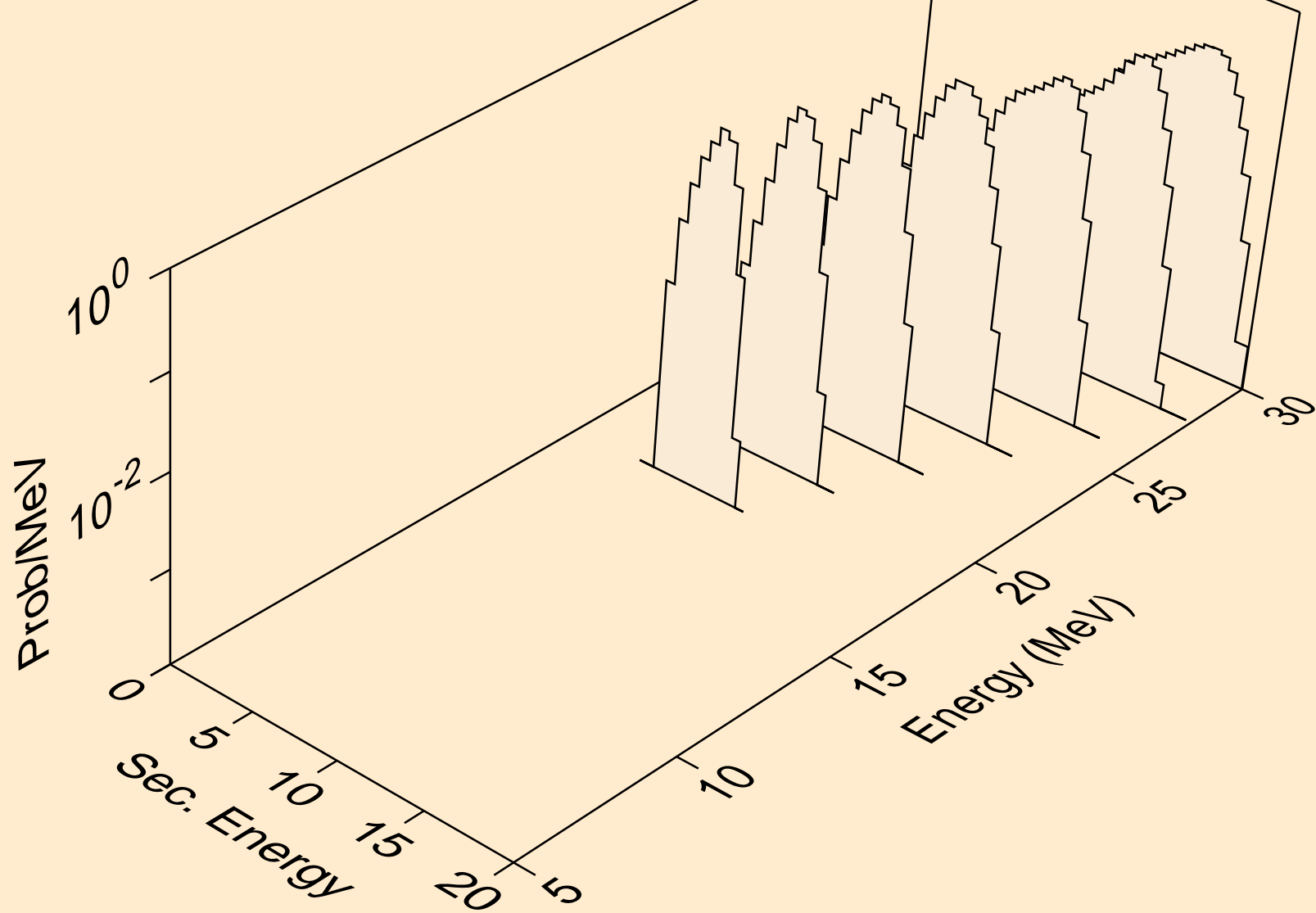
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)

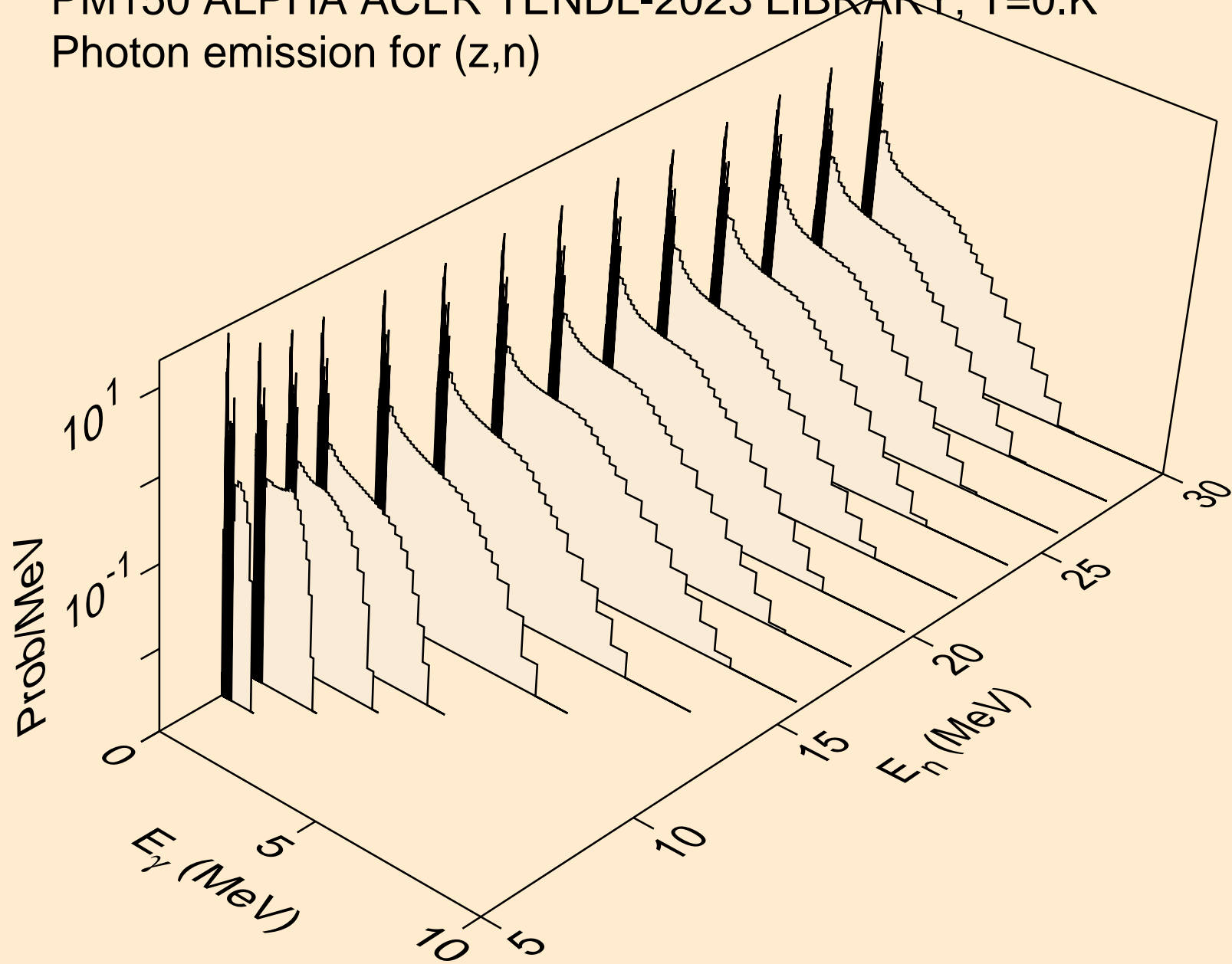


PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

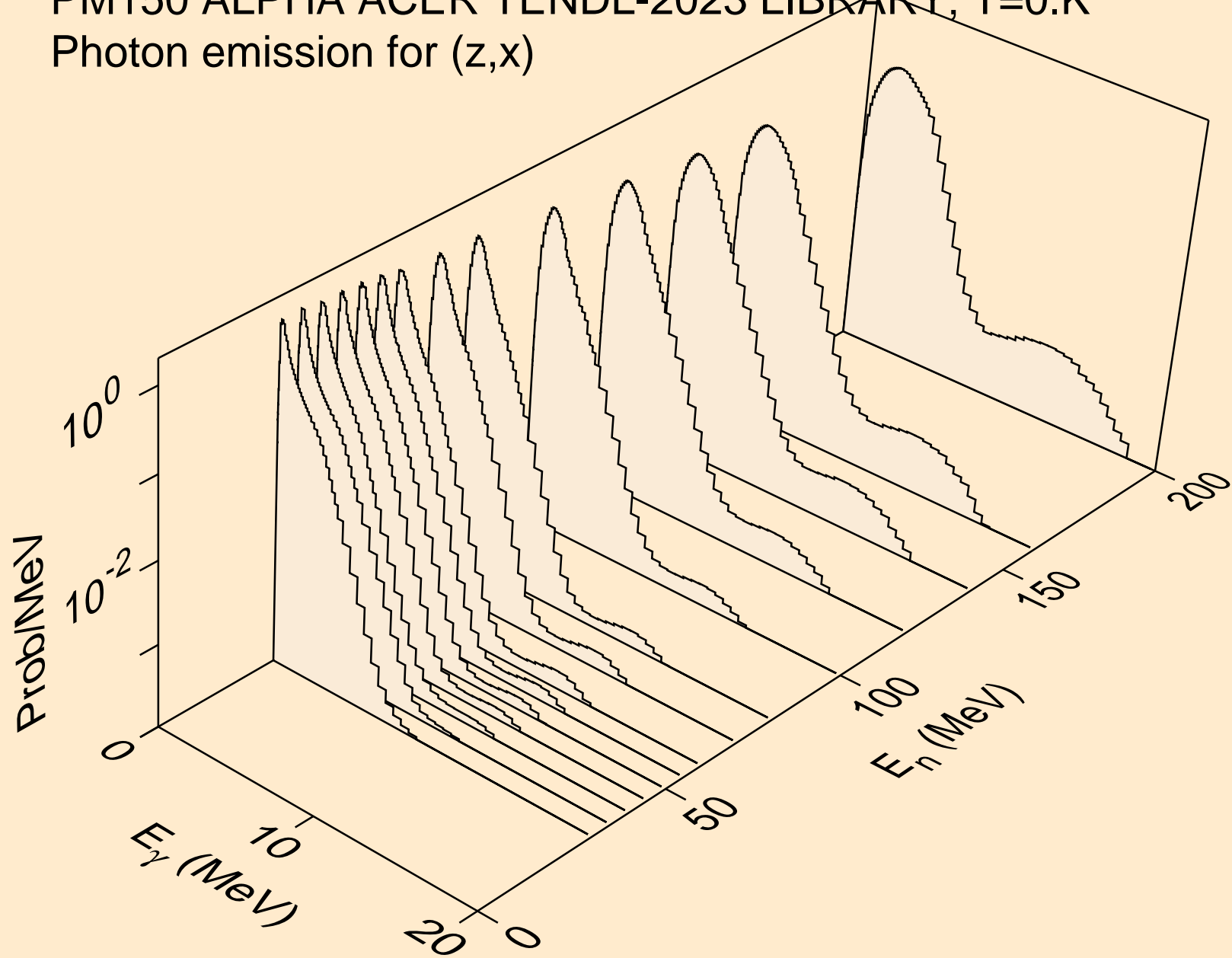




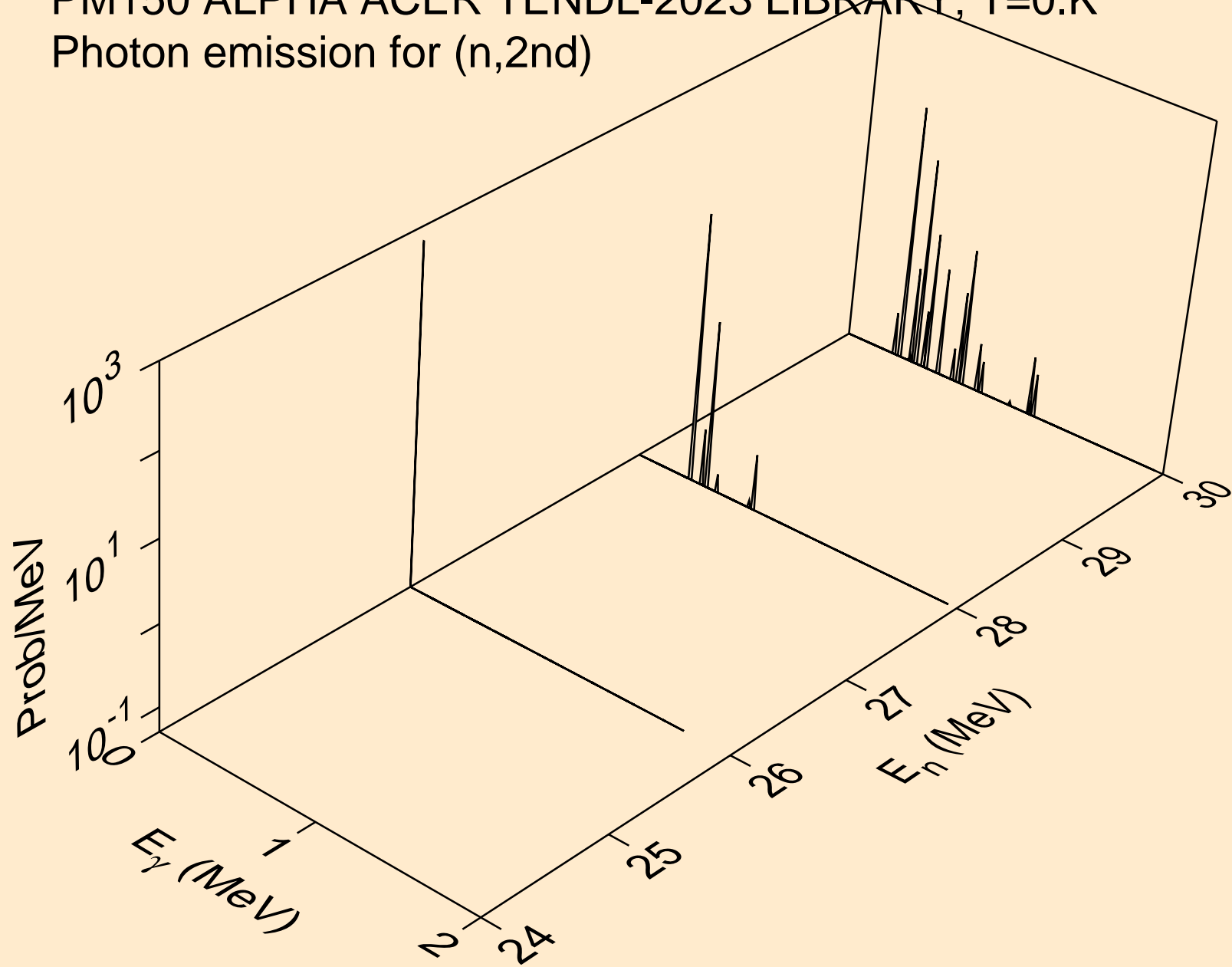
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Photon emission for (z,n)



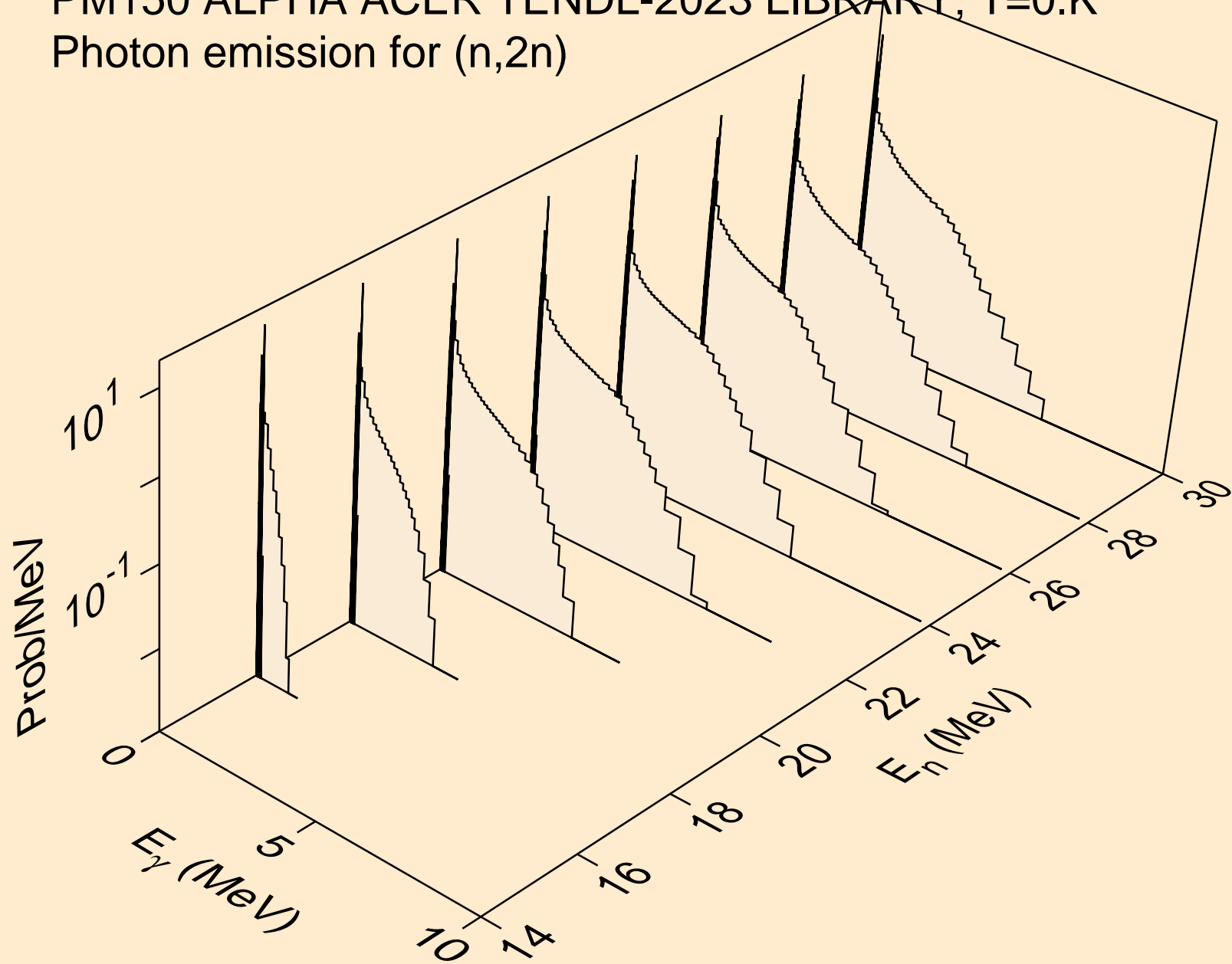
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



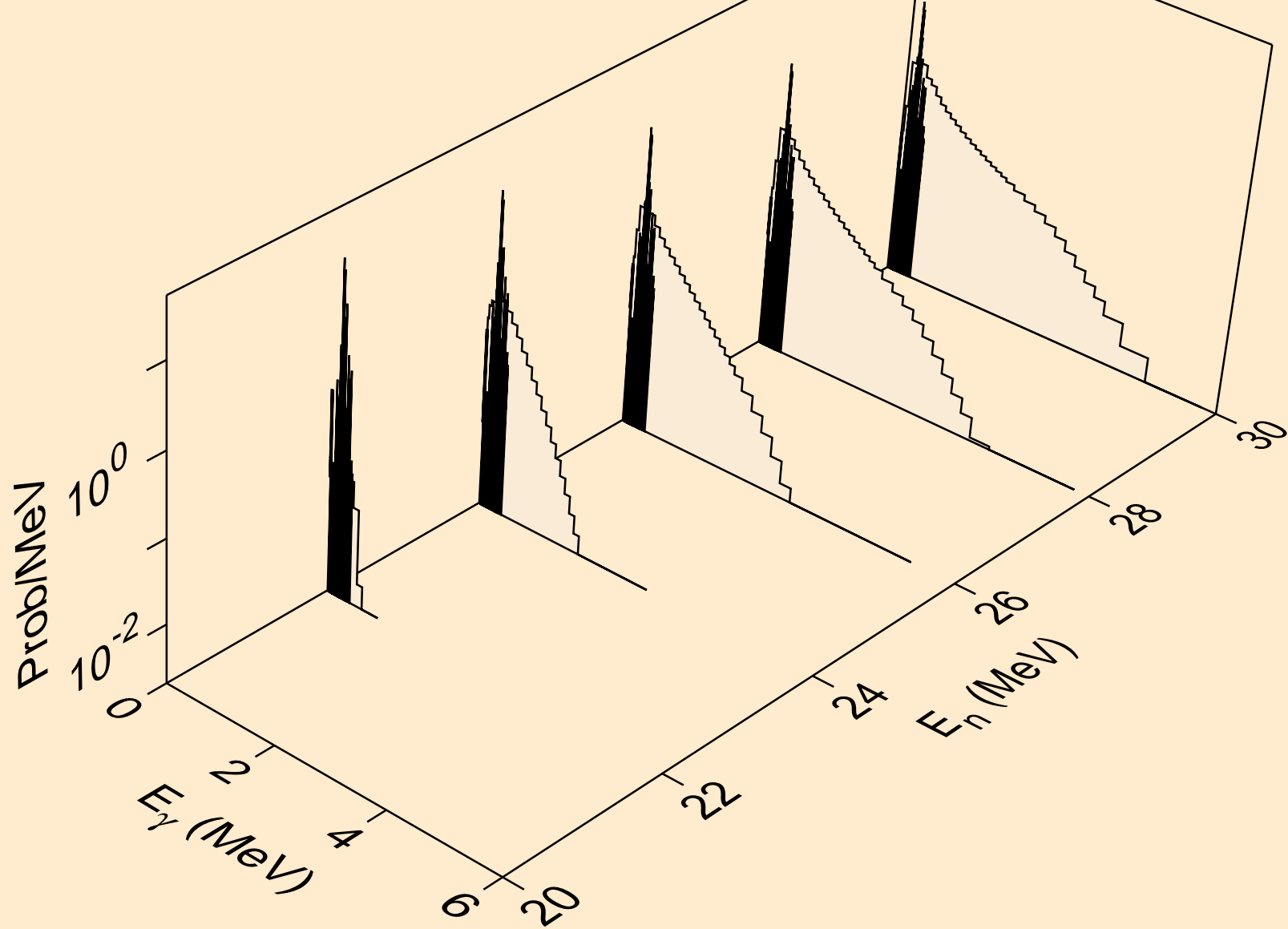
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



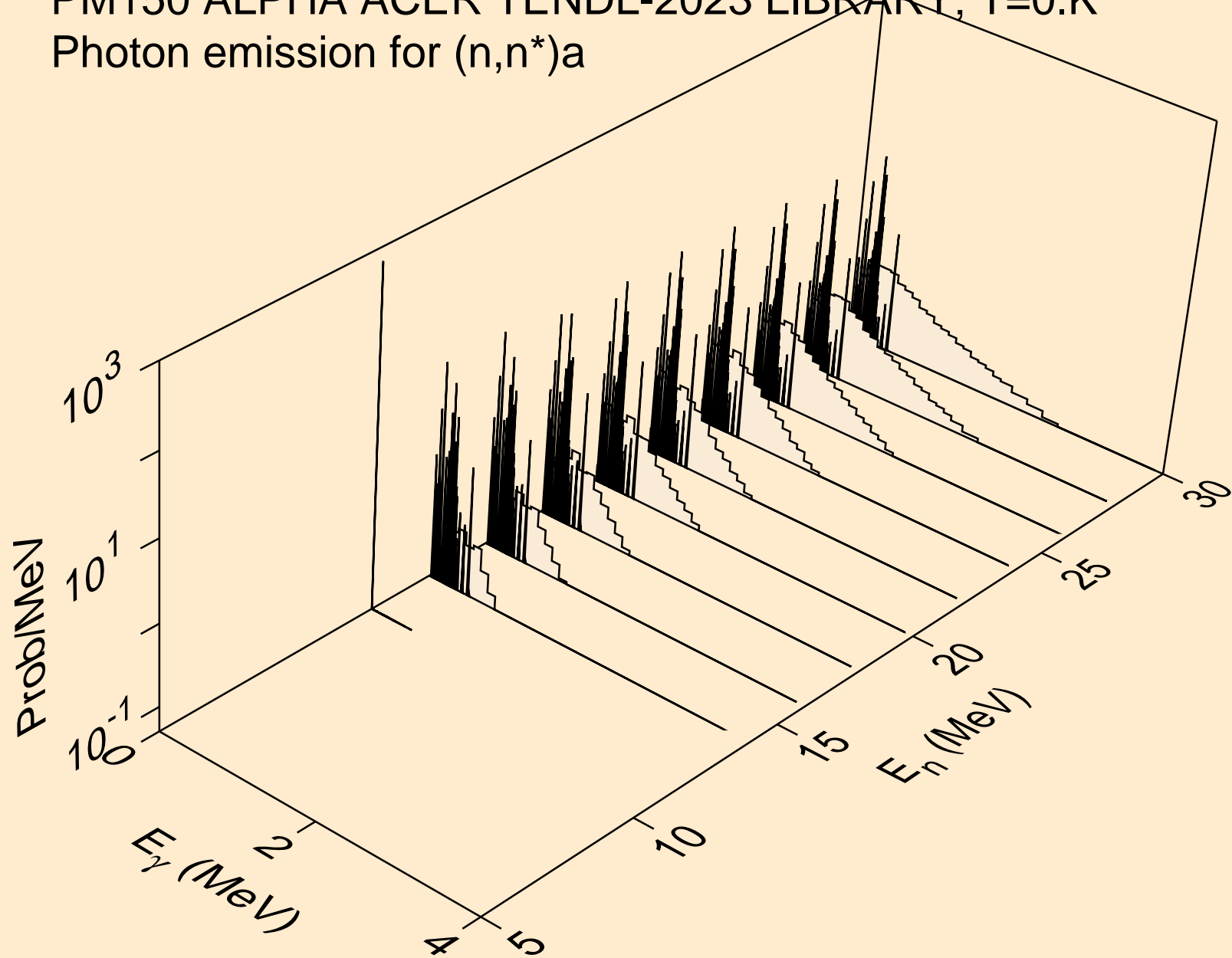
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Photon emission for (n,2n)



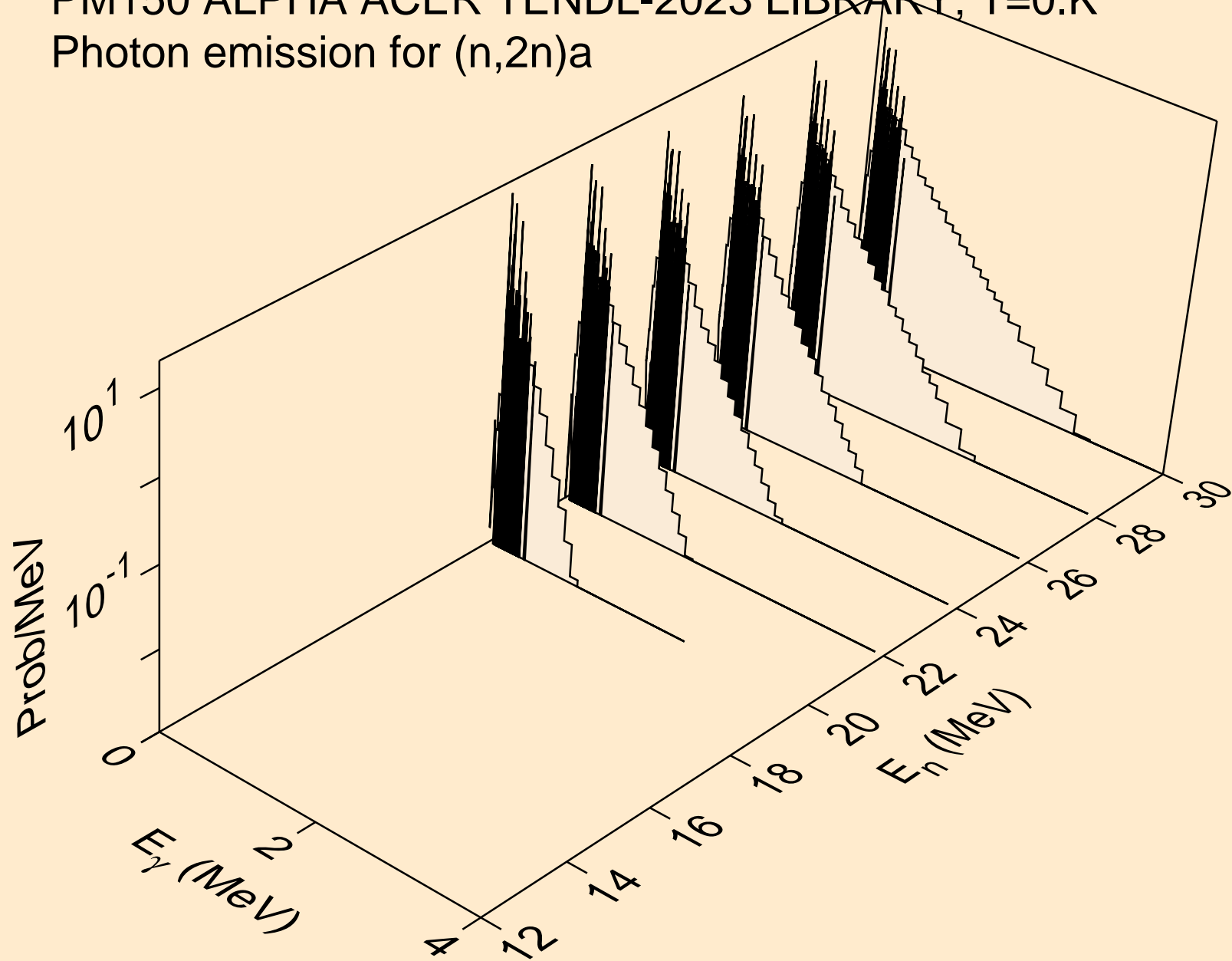
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Photon emission for (n,3n)



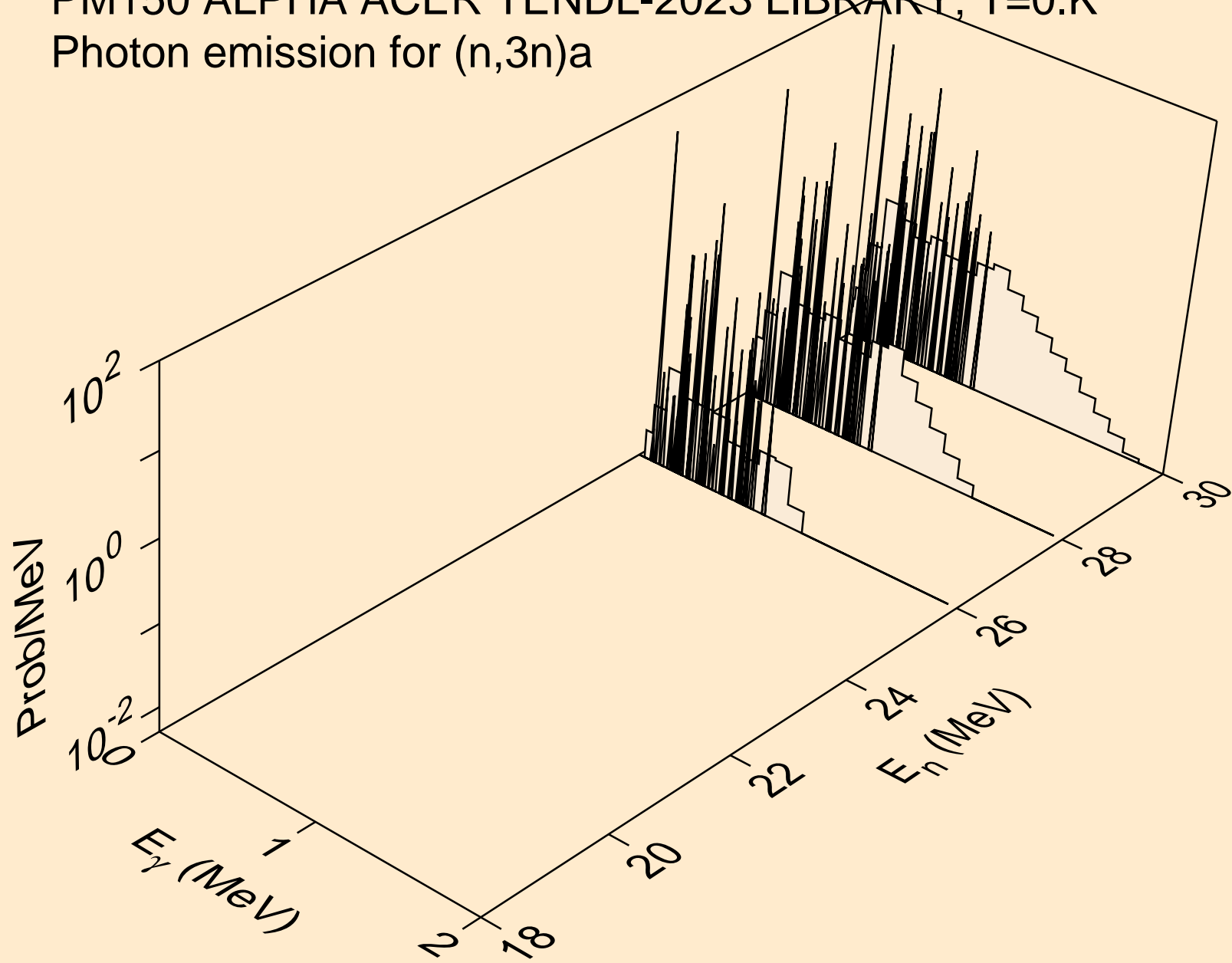
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

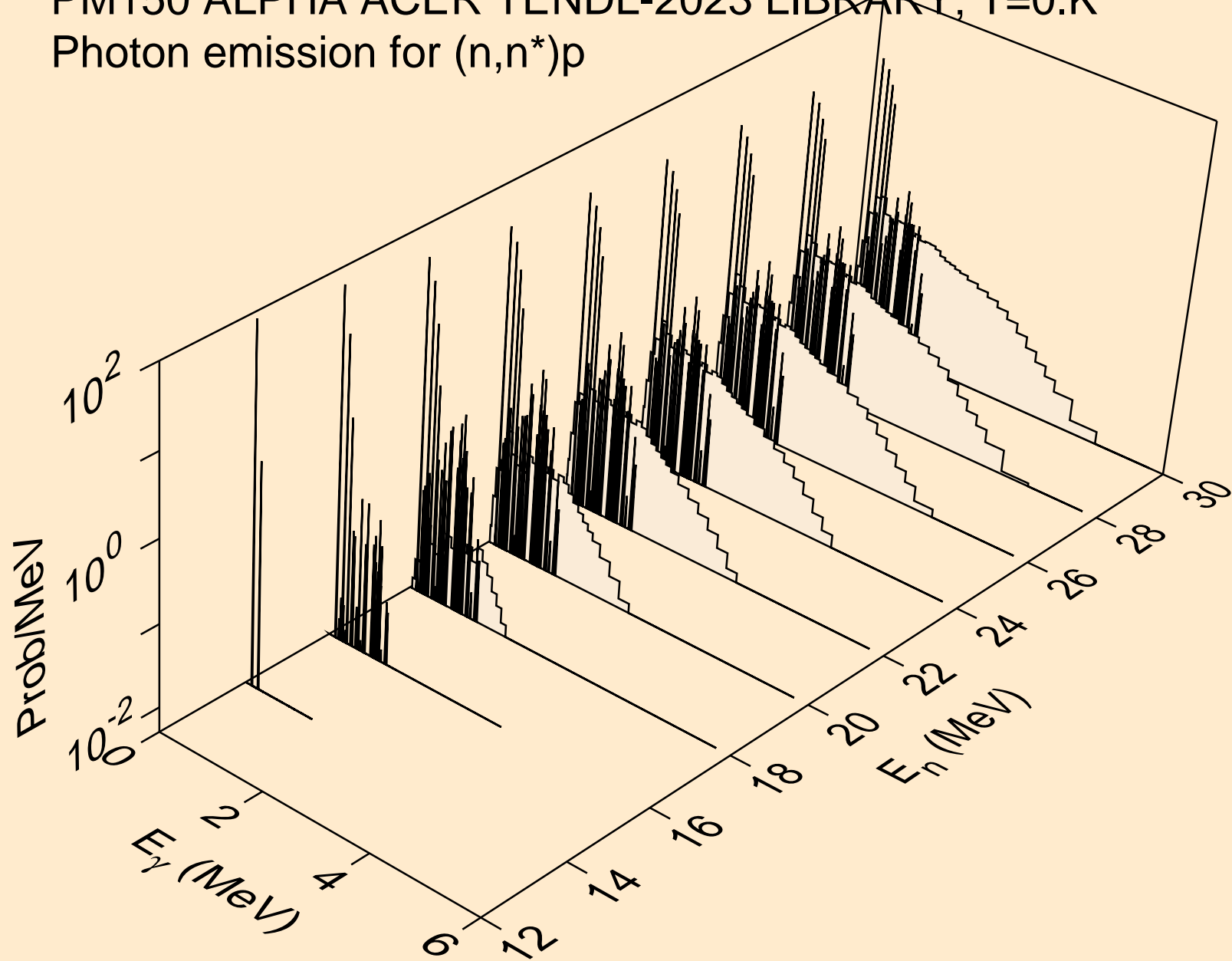


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Photon emission for (n,3n)a

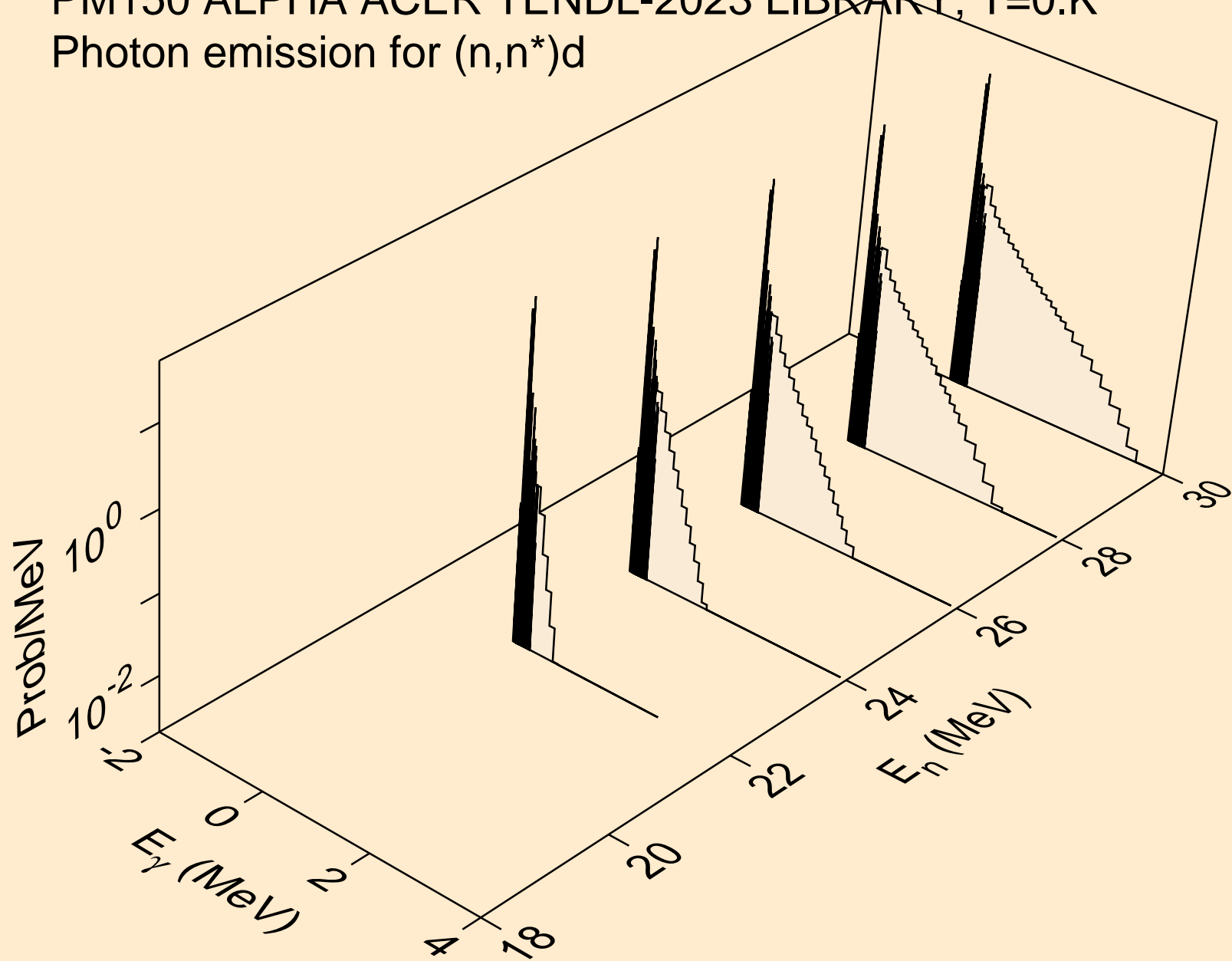




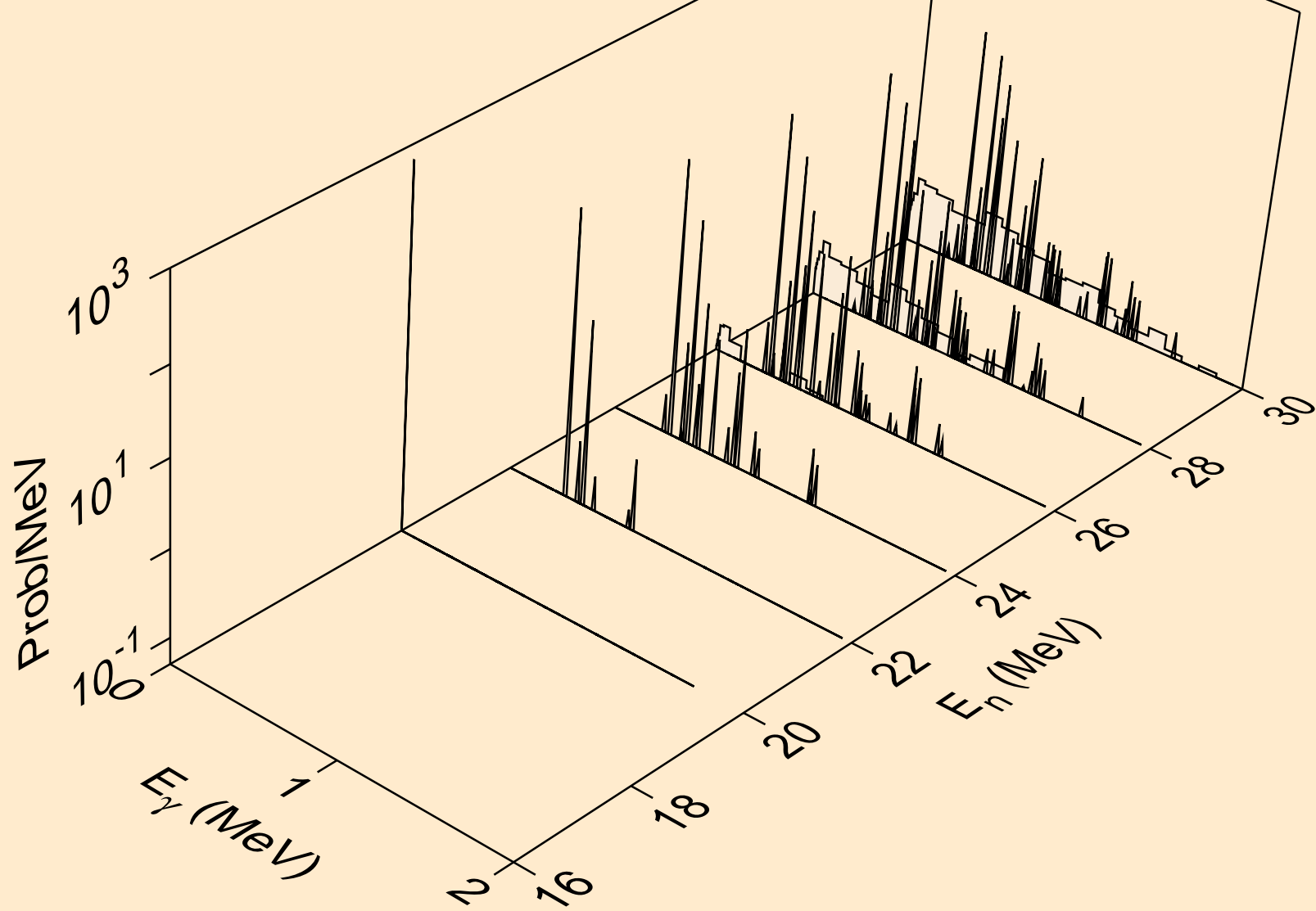
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



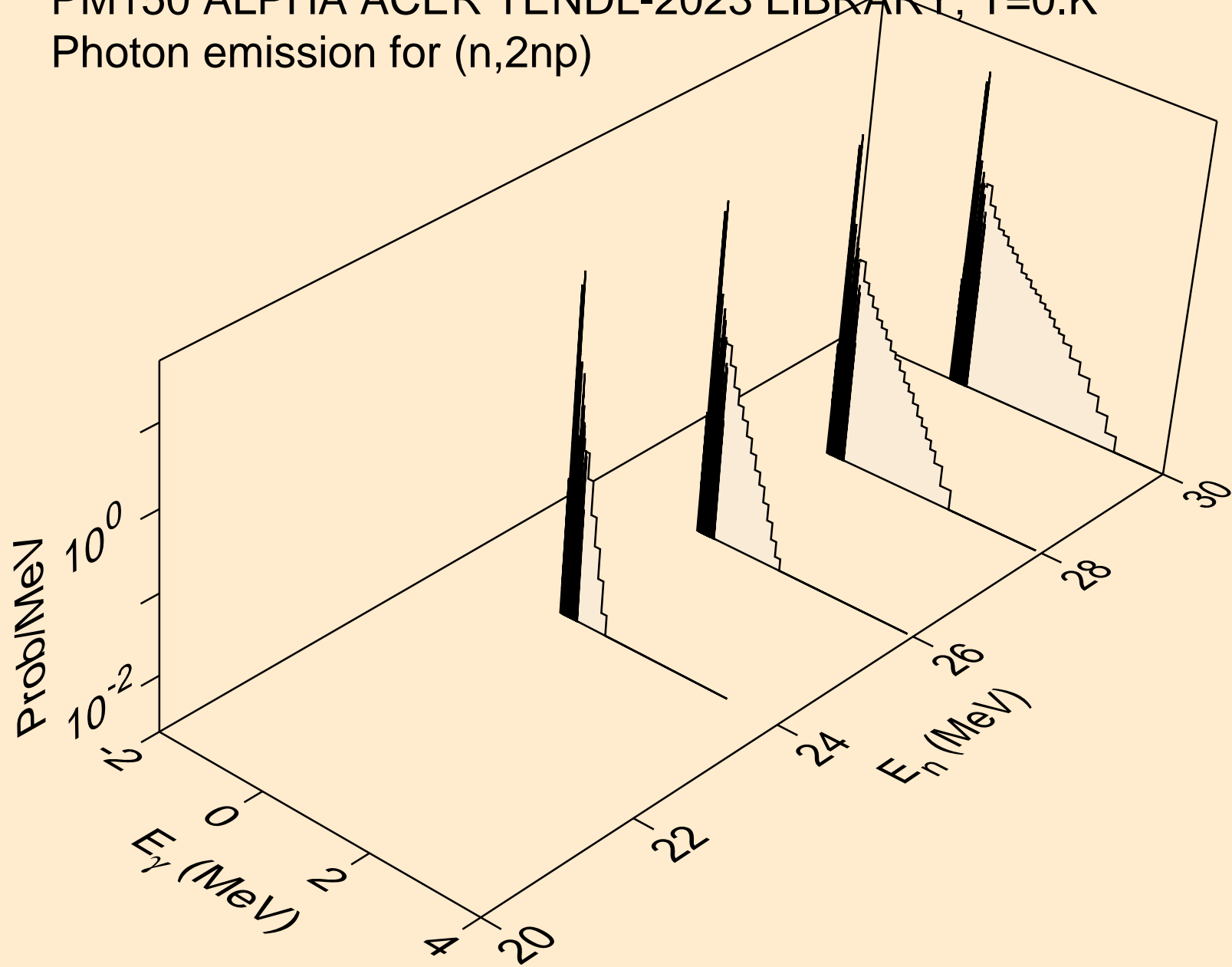
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



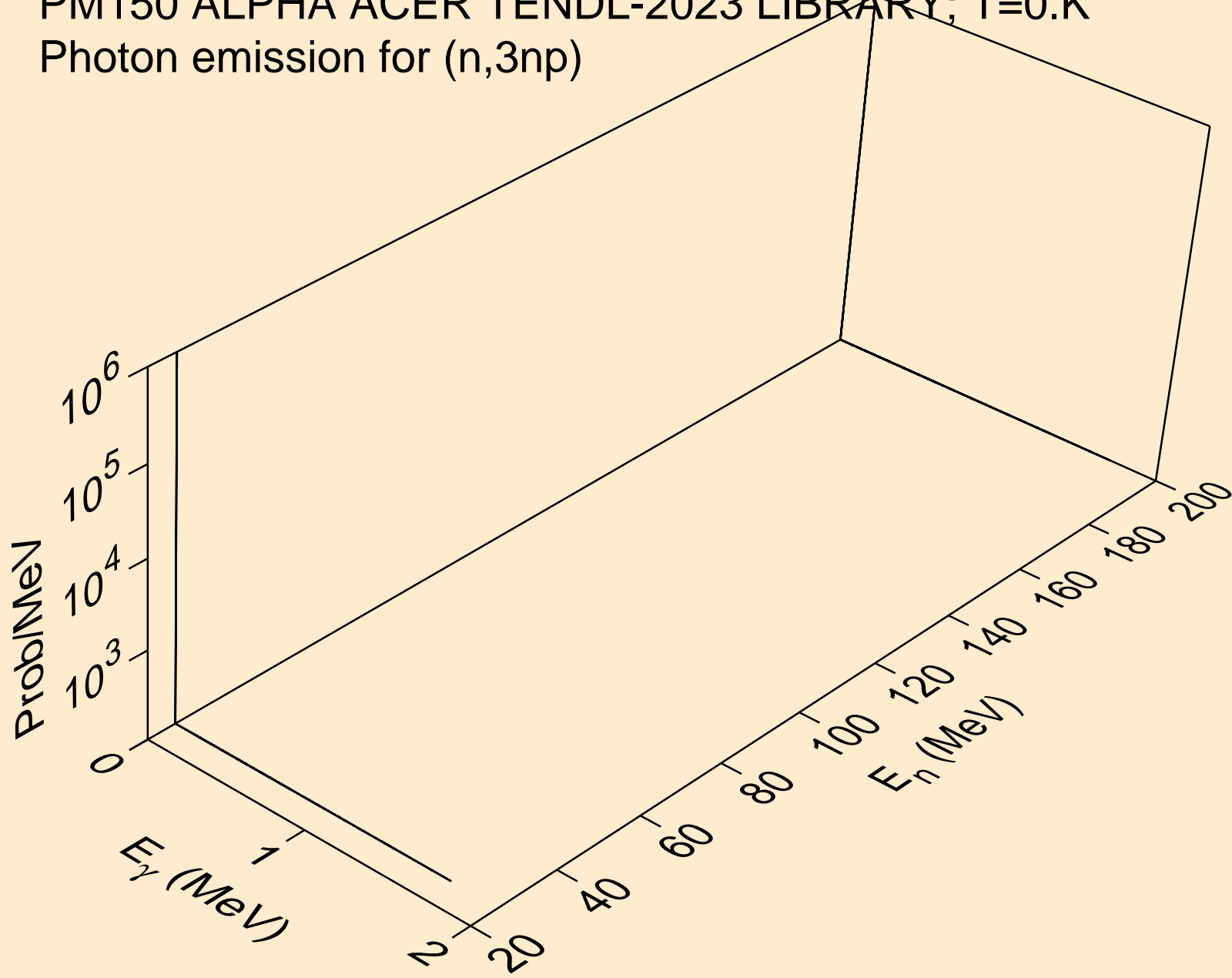
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



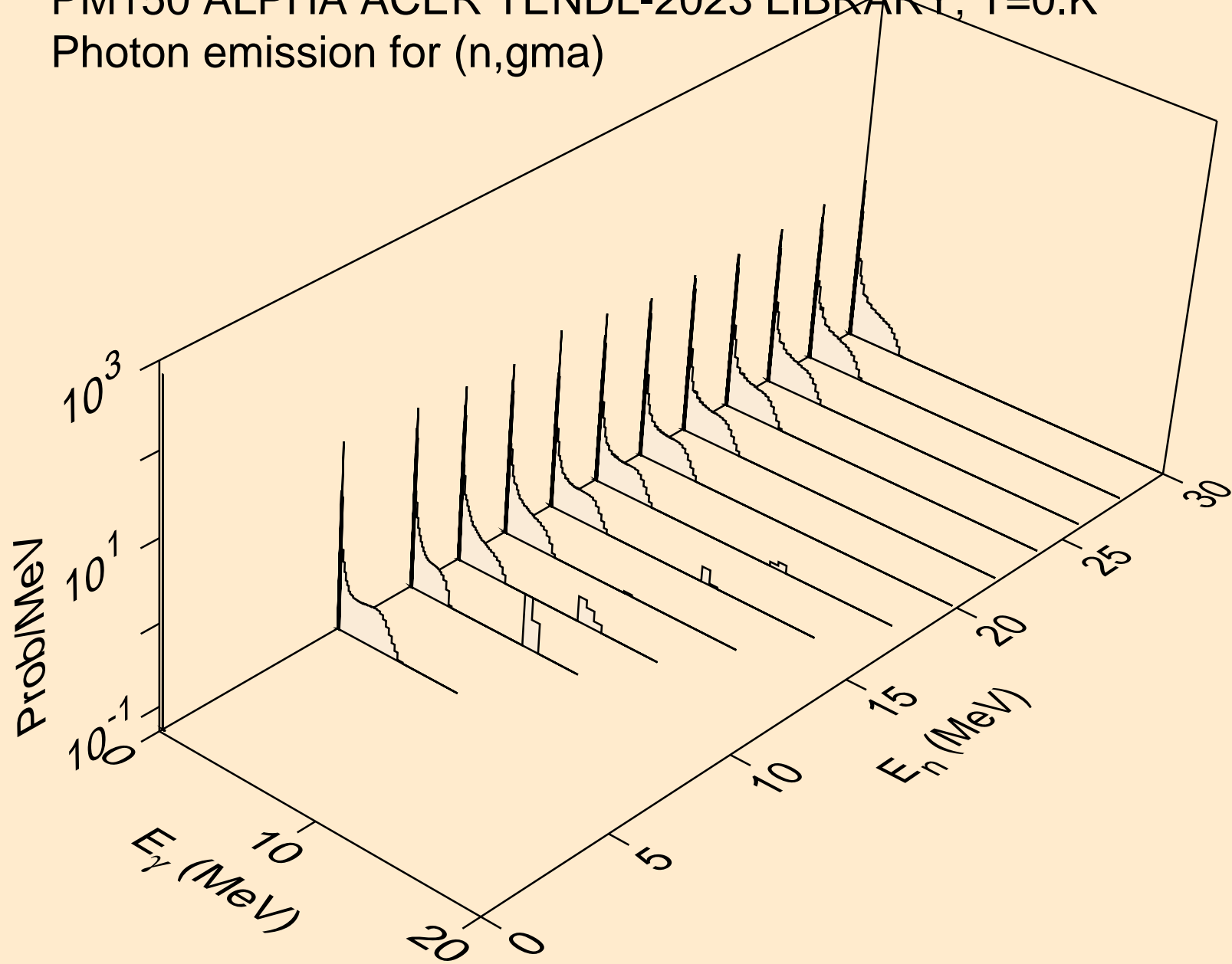
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Photon emission for (n,2np)



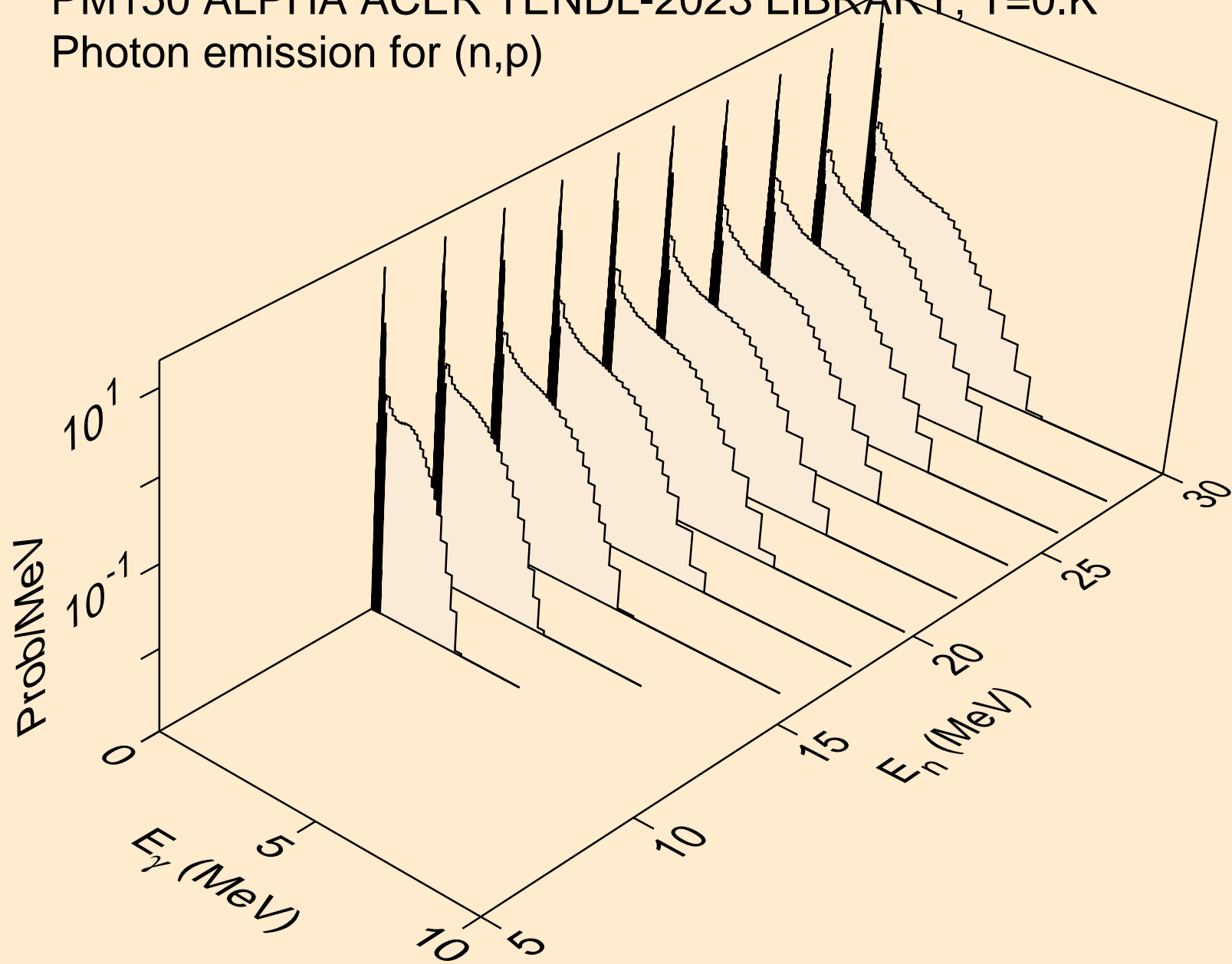
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Photon emission for (n,3np)



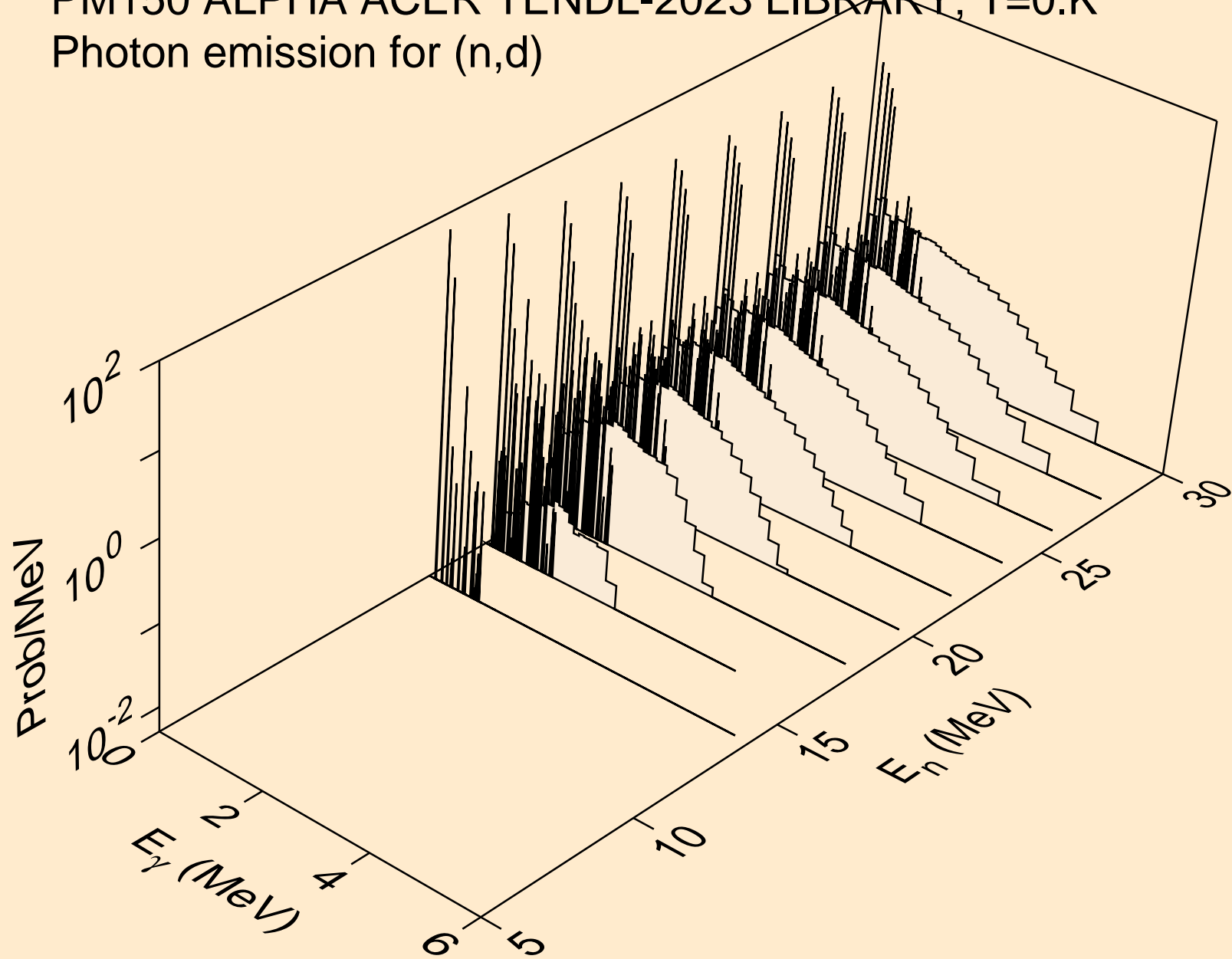
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

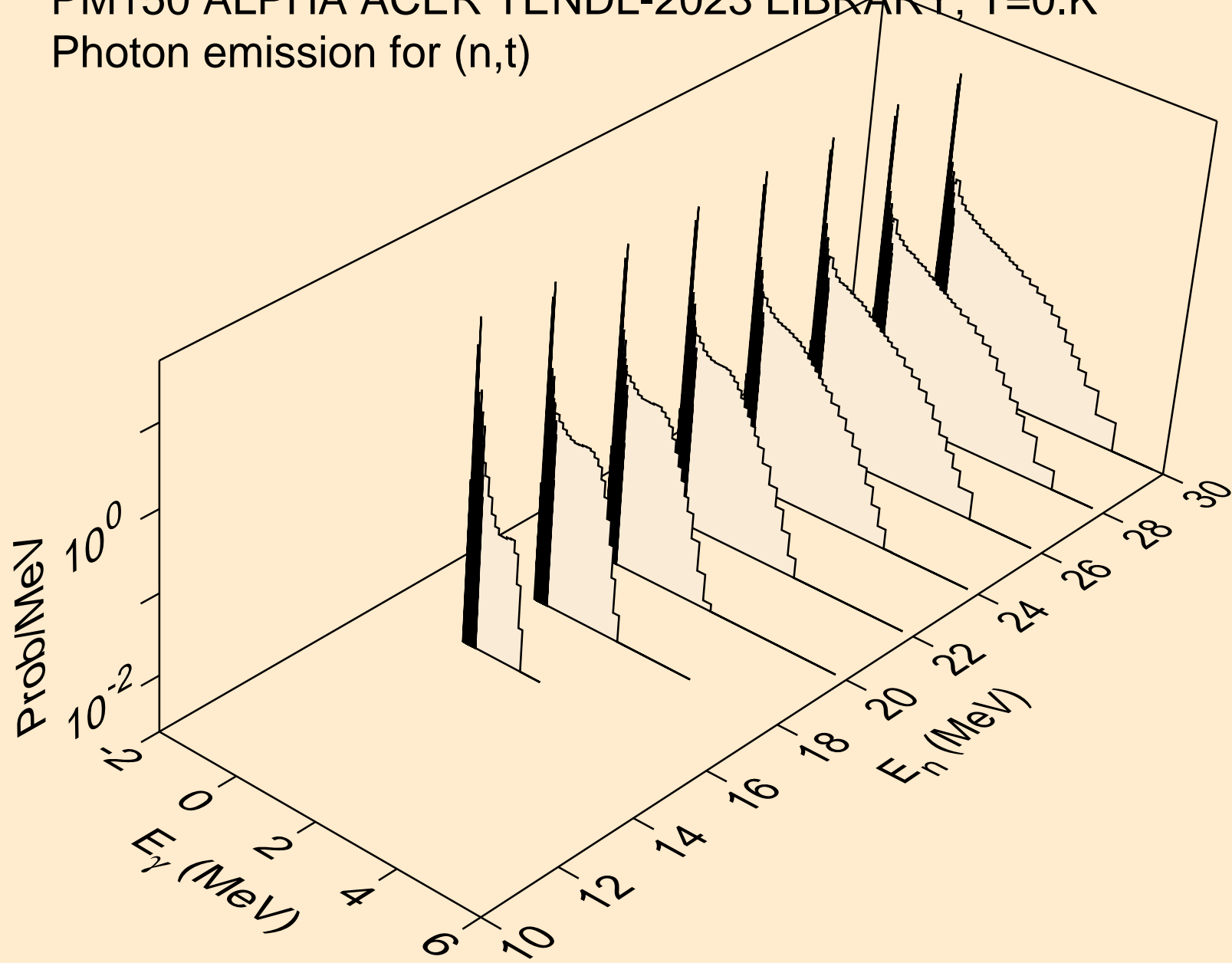


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Photon emission for (n,d)

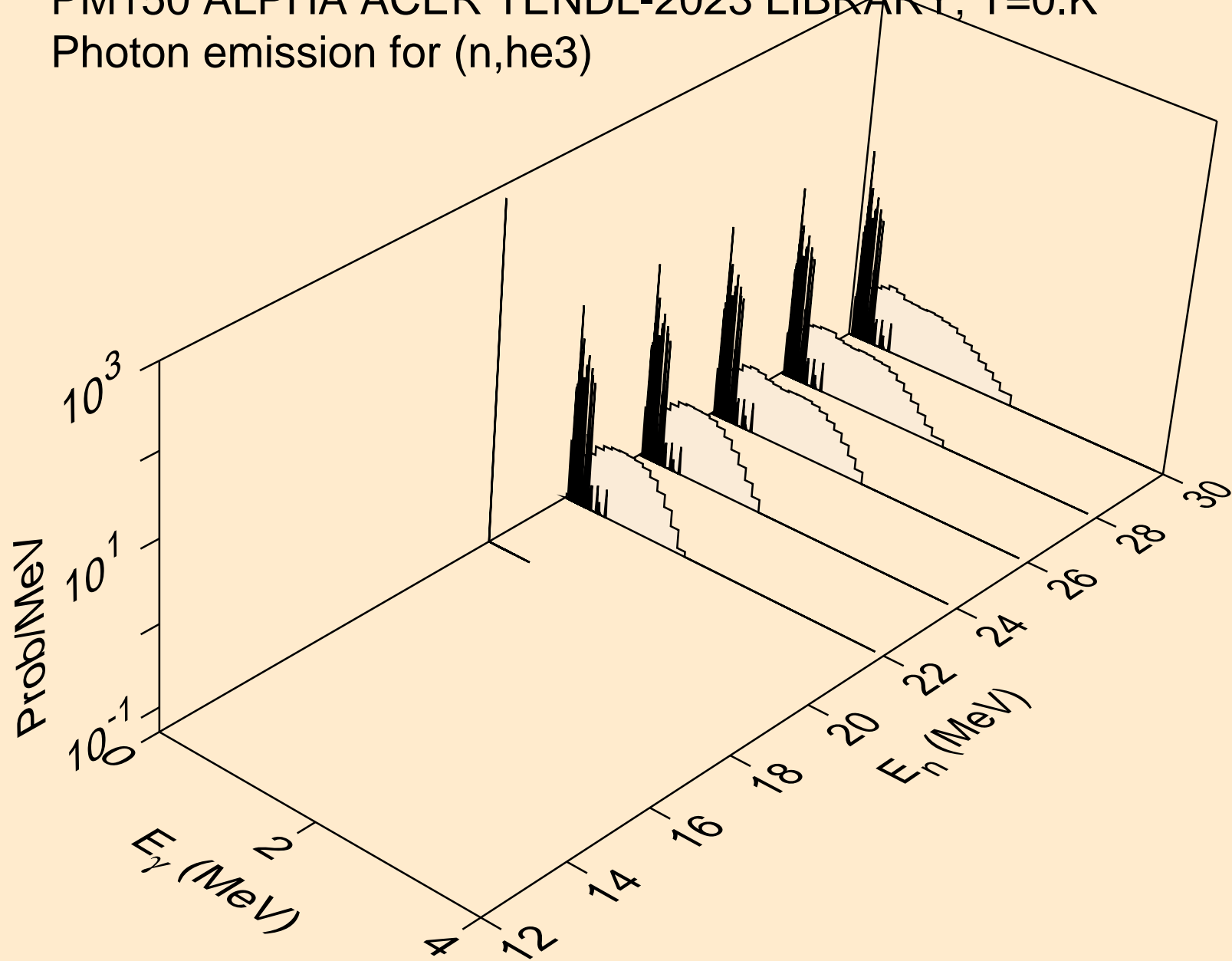




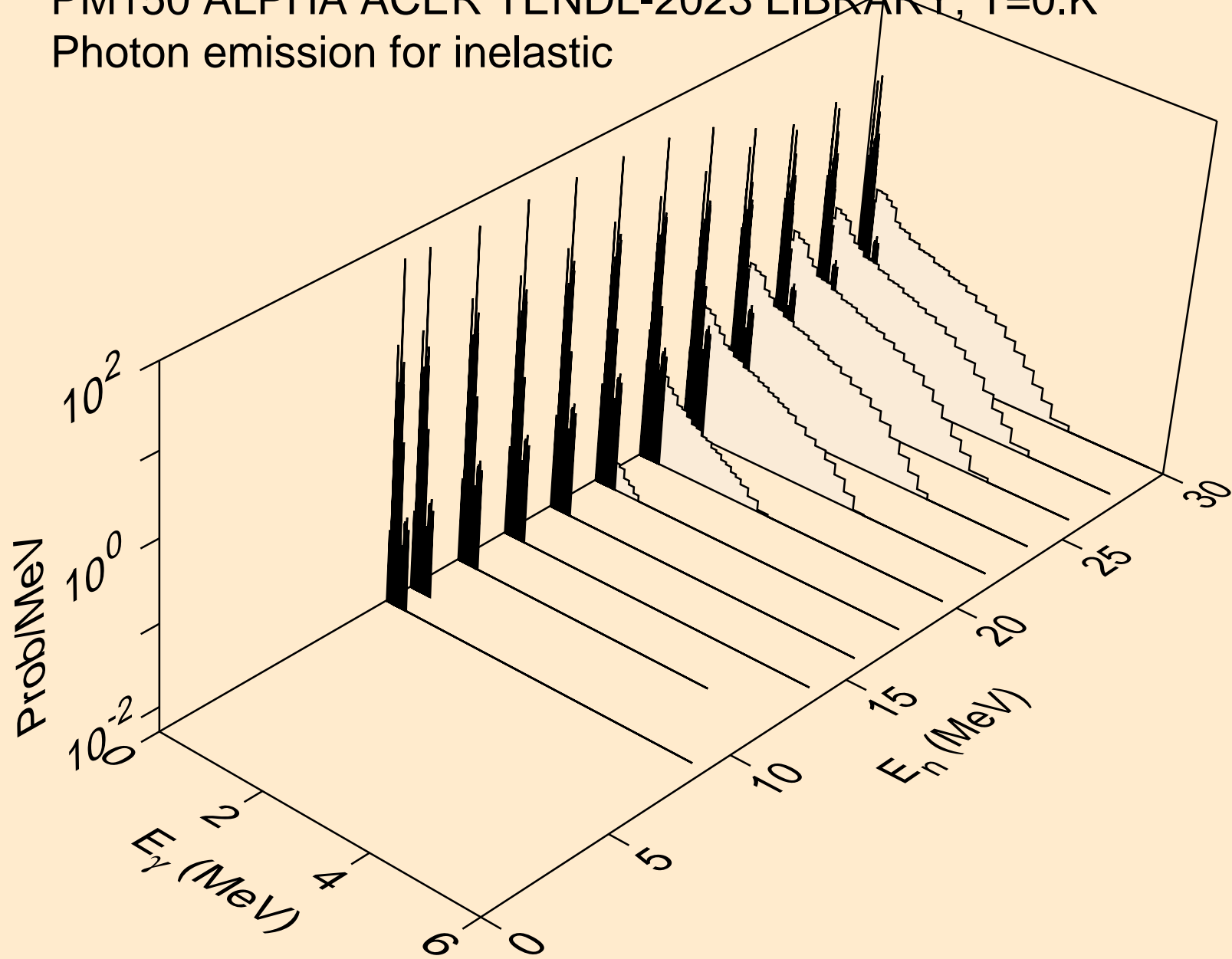
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



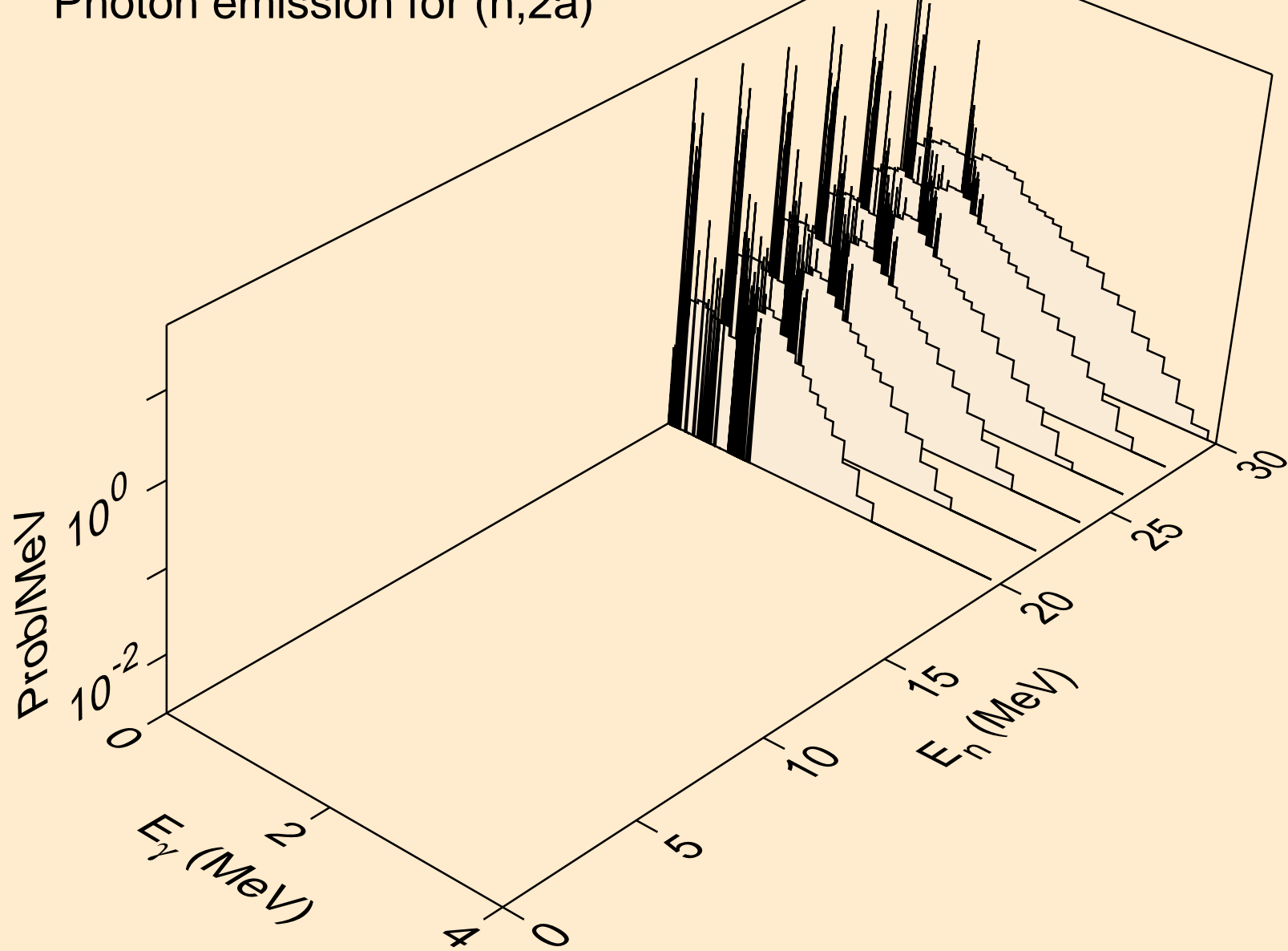
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Photon emission for (n,he3)



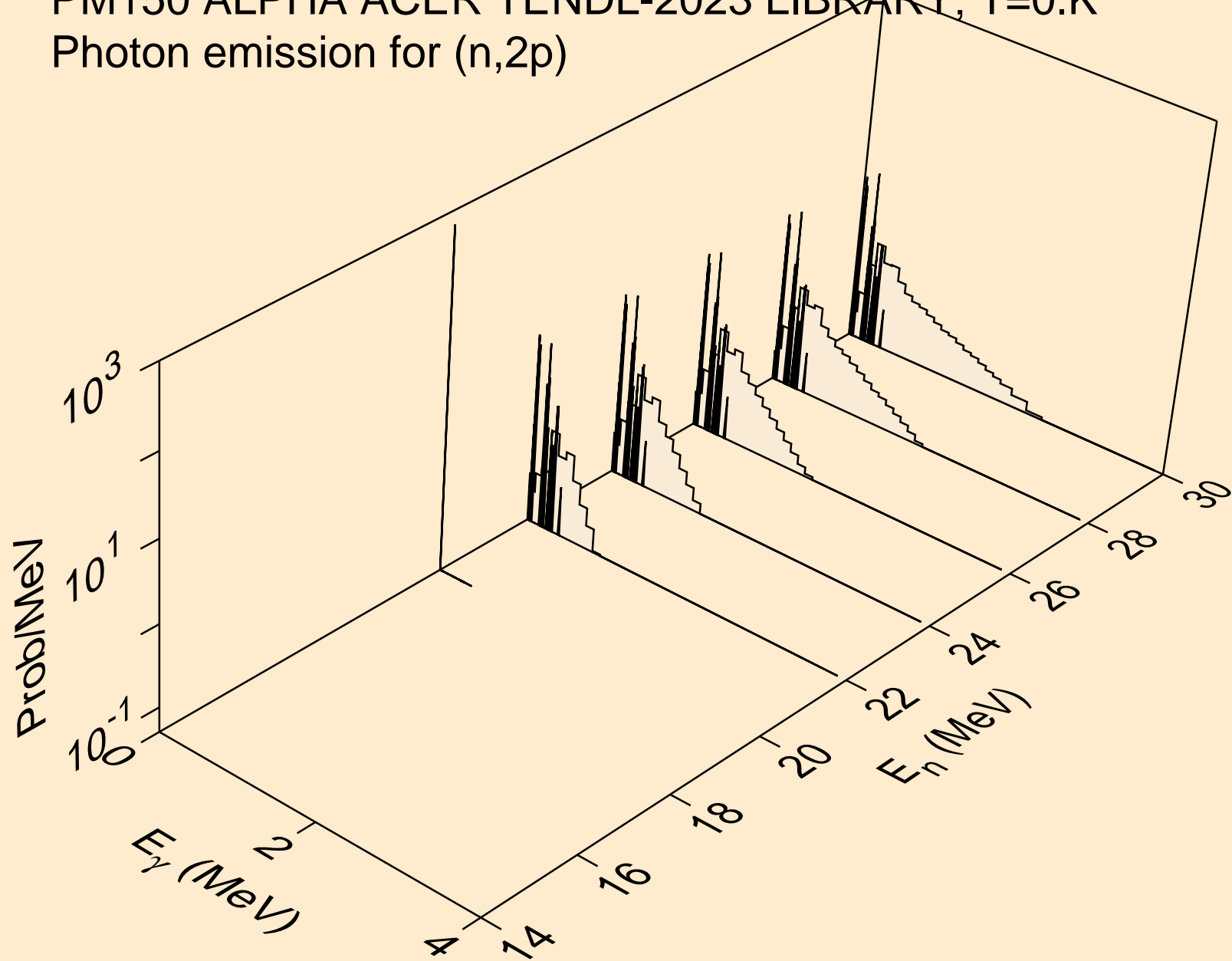
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



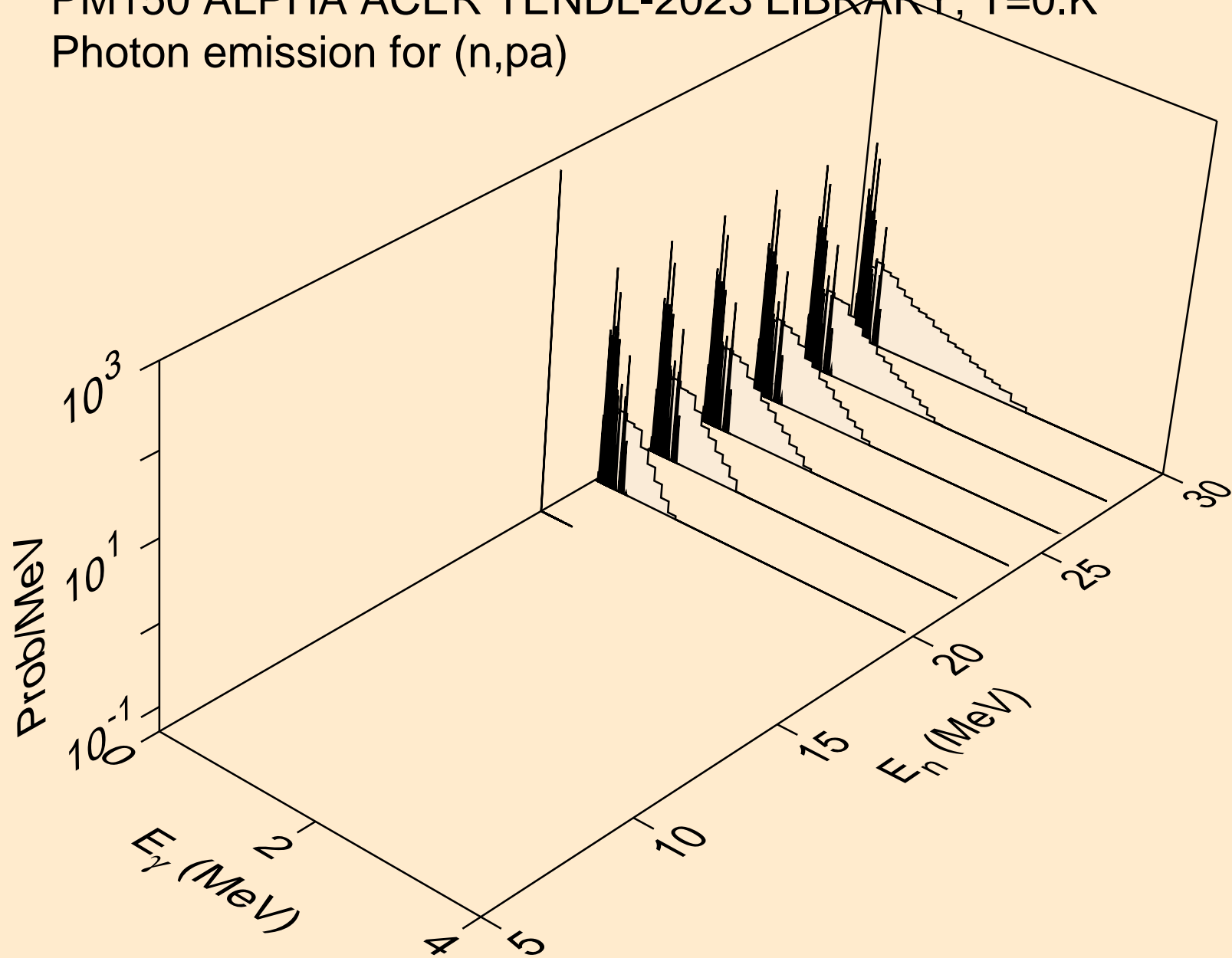
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



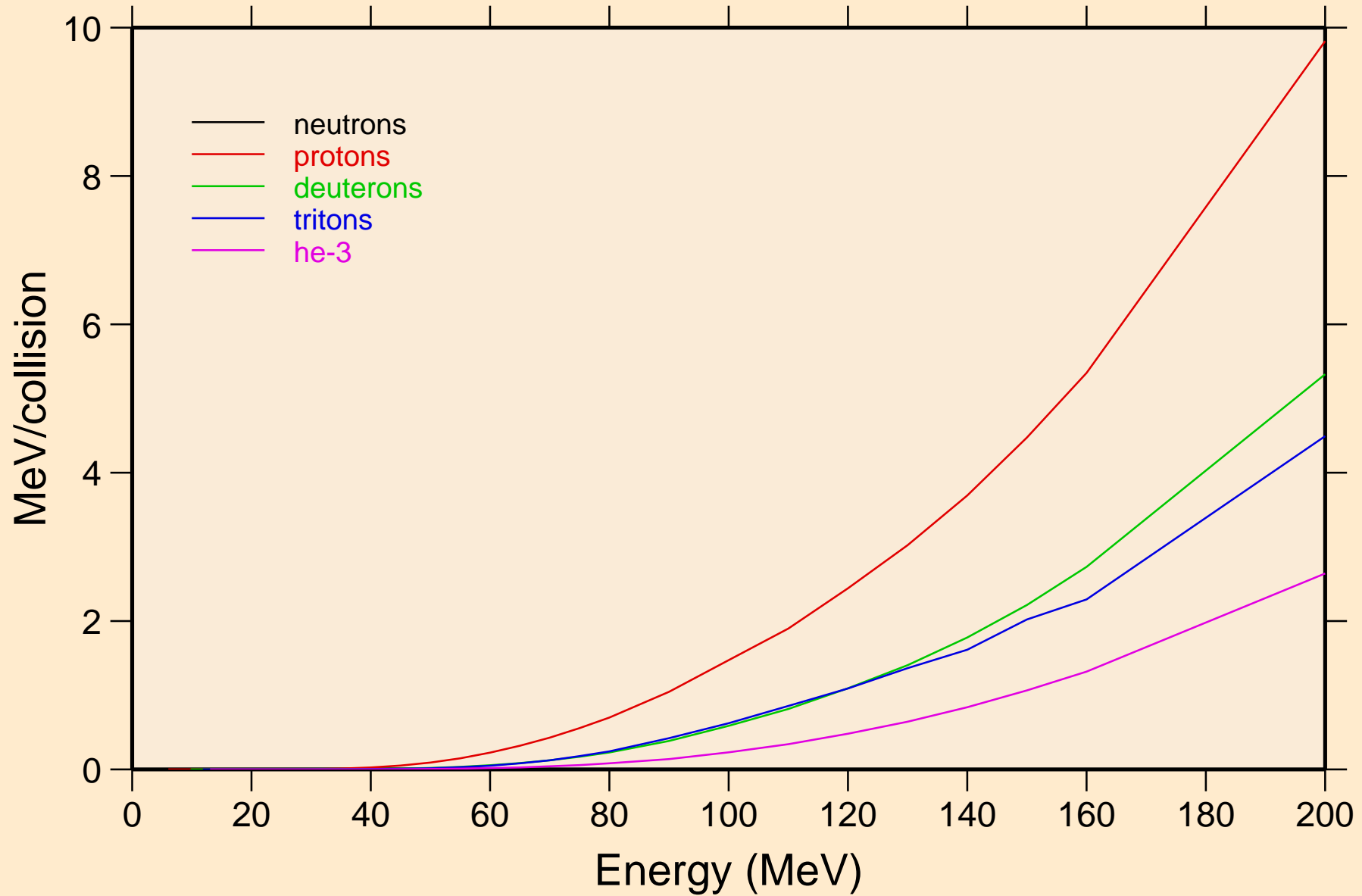
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Photon emission for (n,2p)



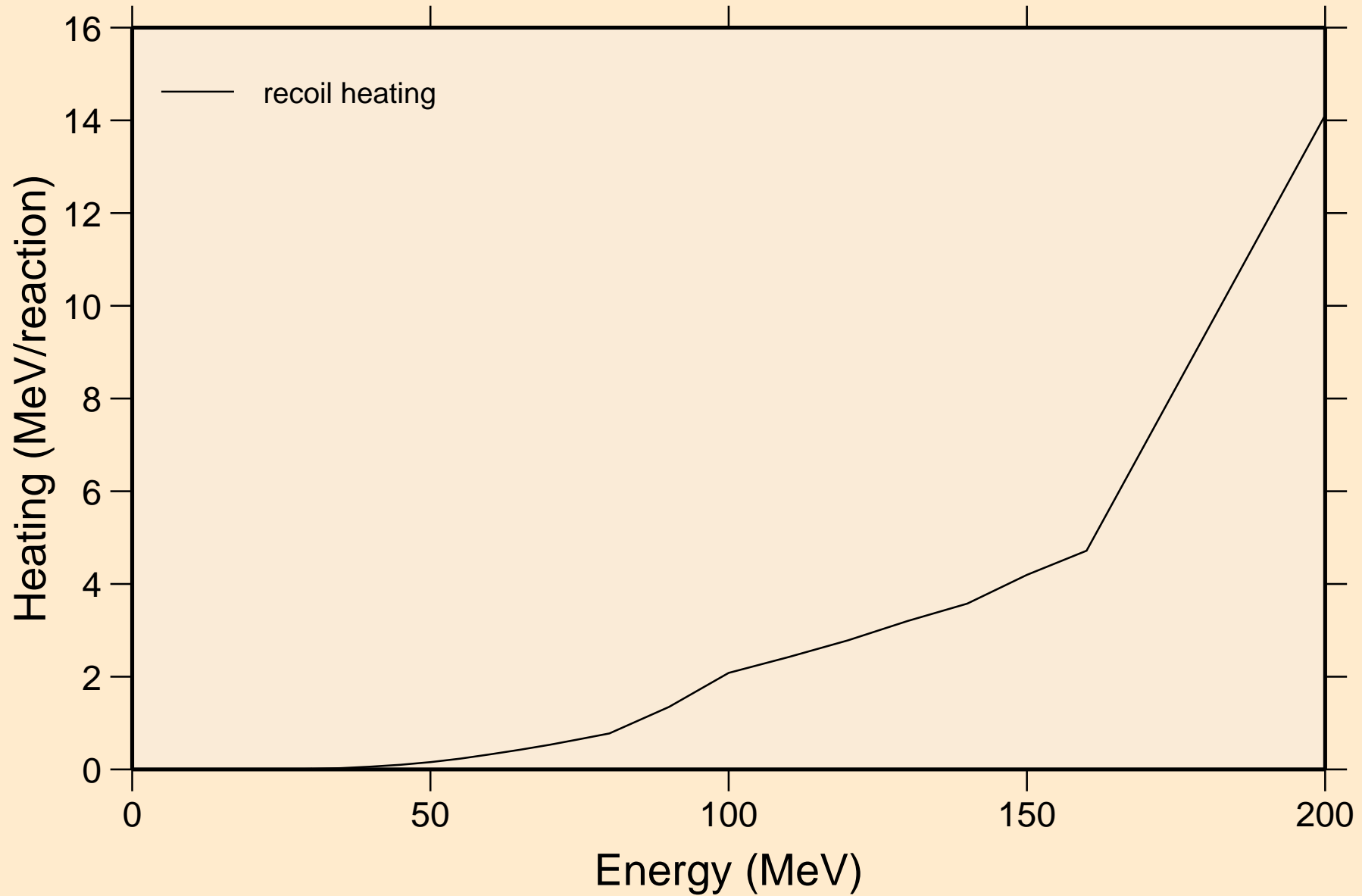
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

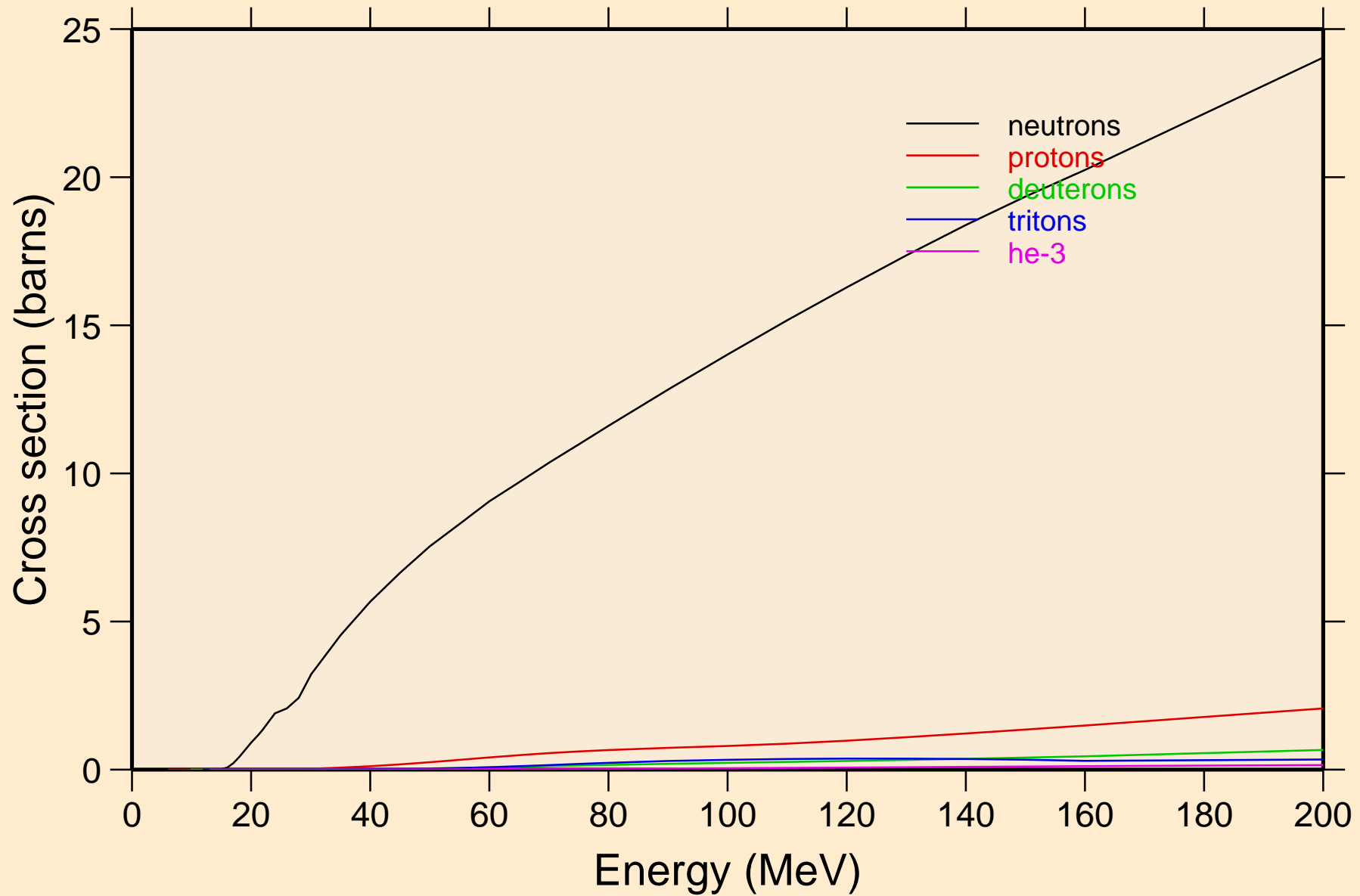


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Recoil Heating

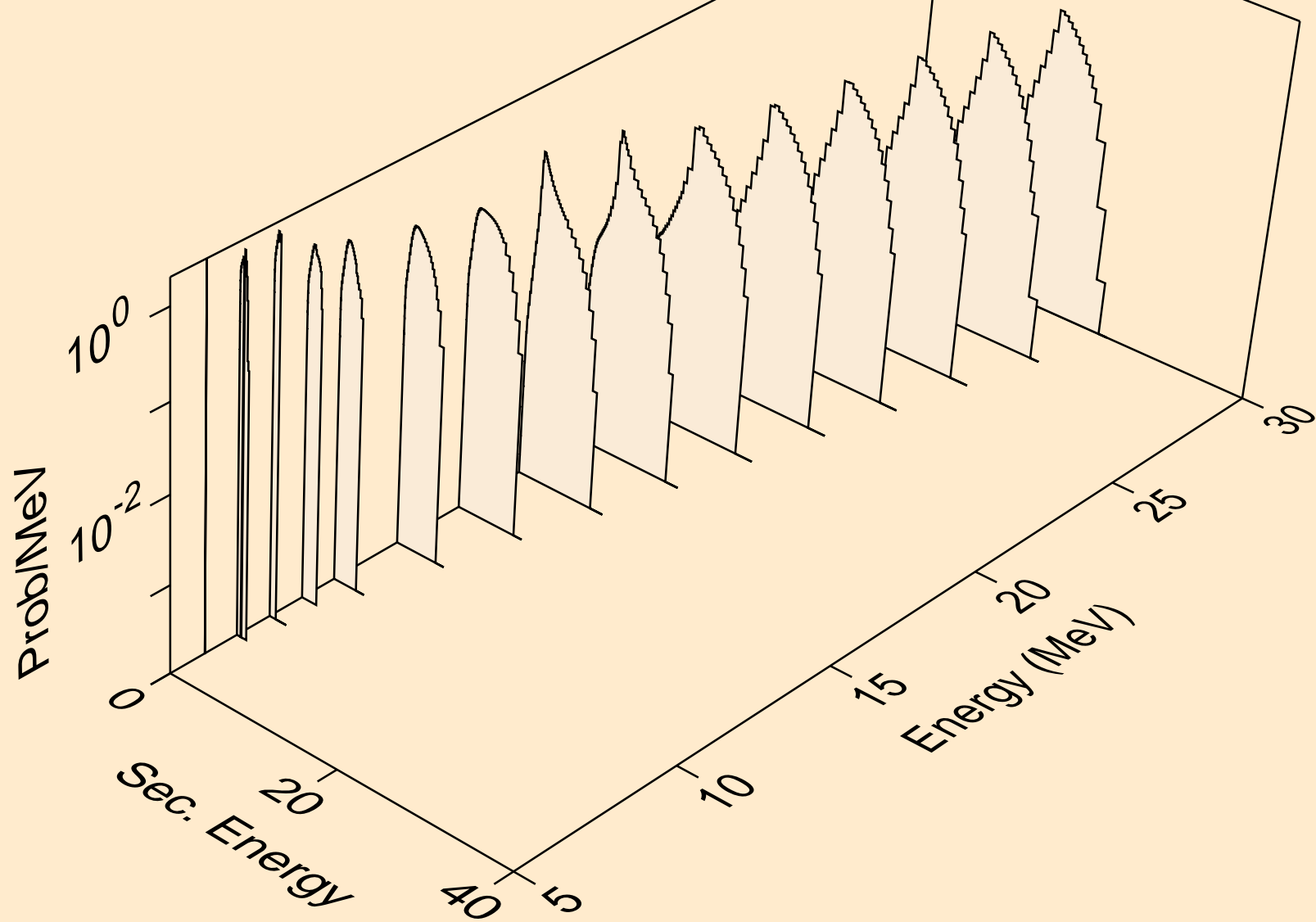




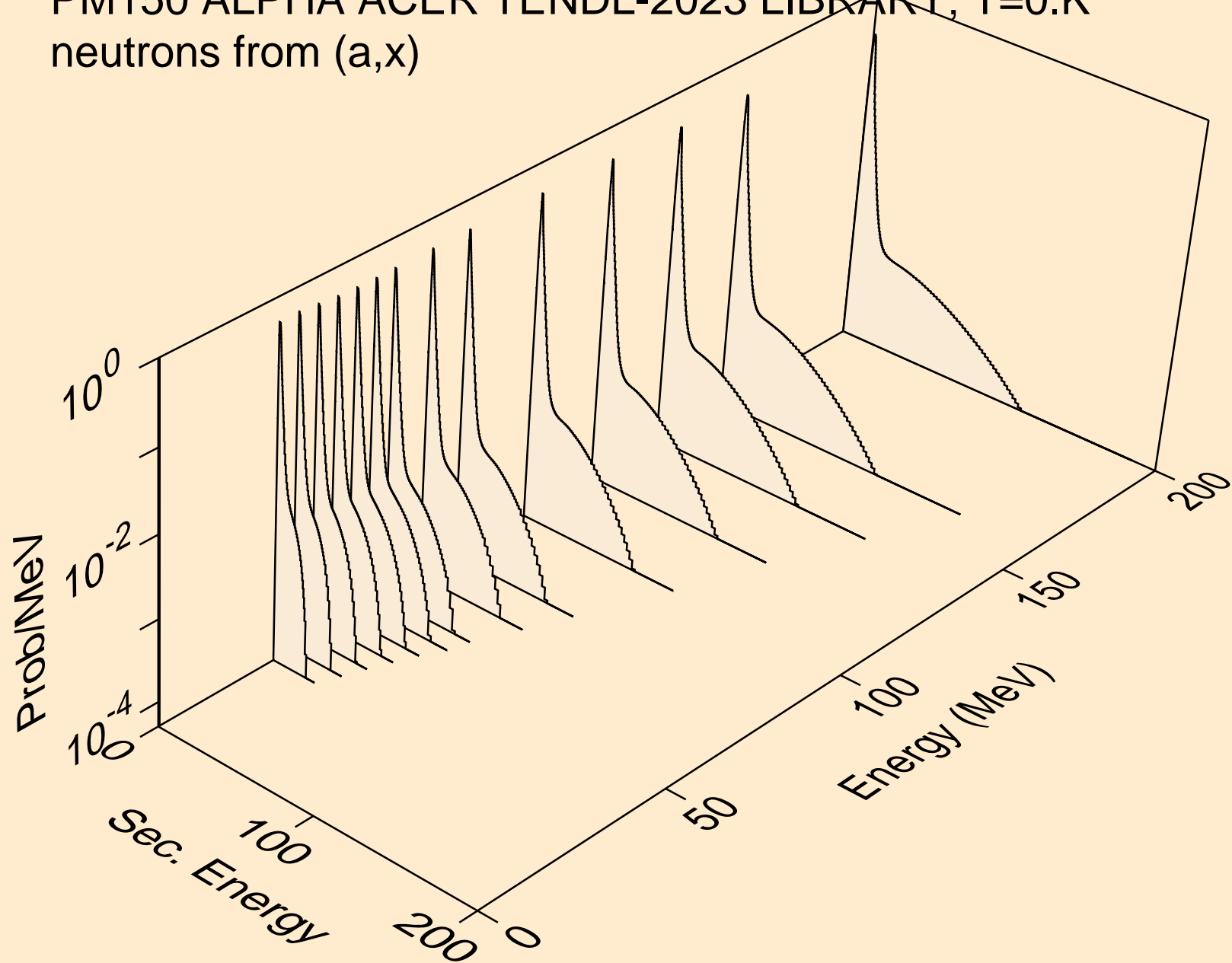
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



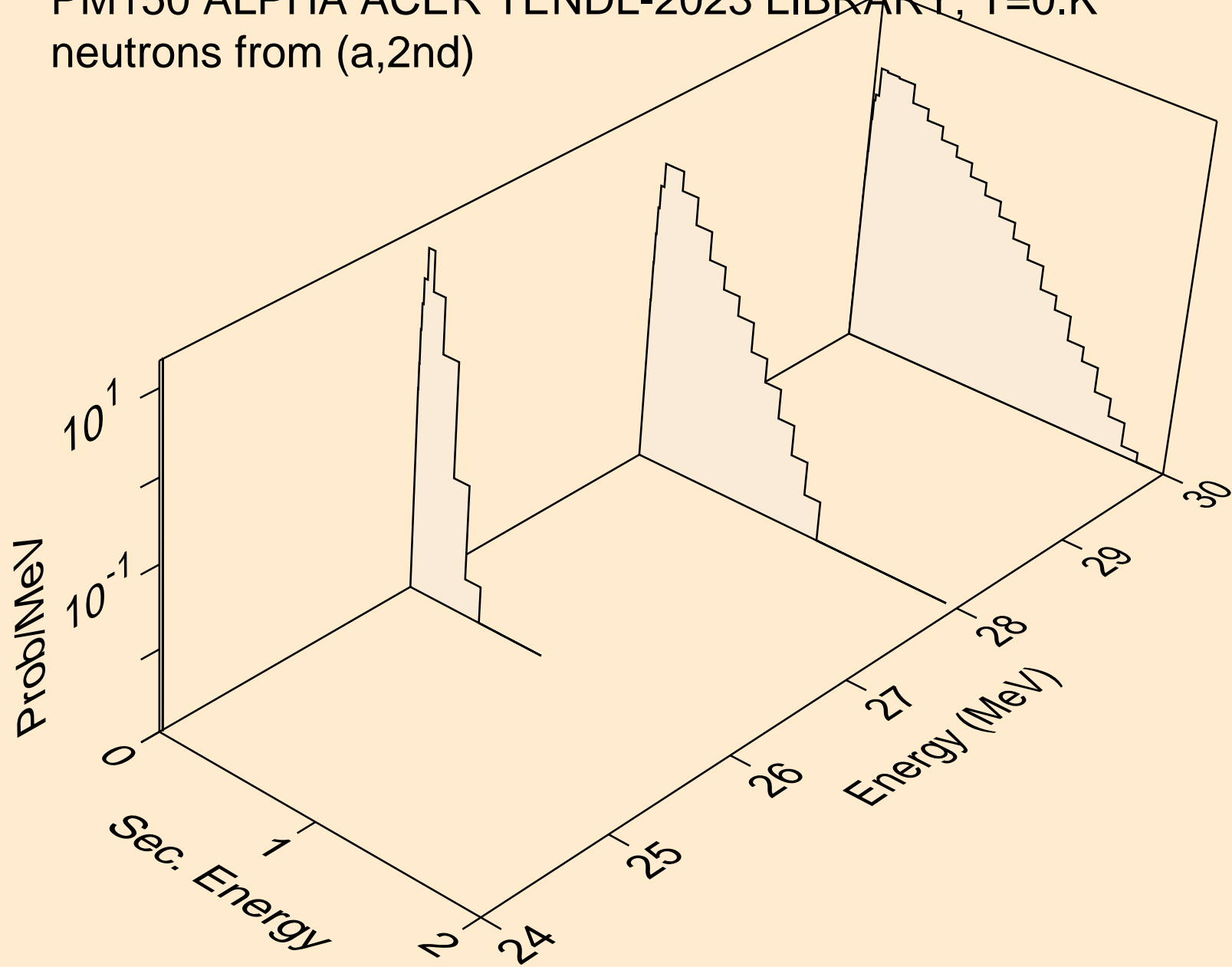
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



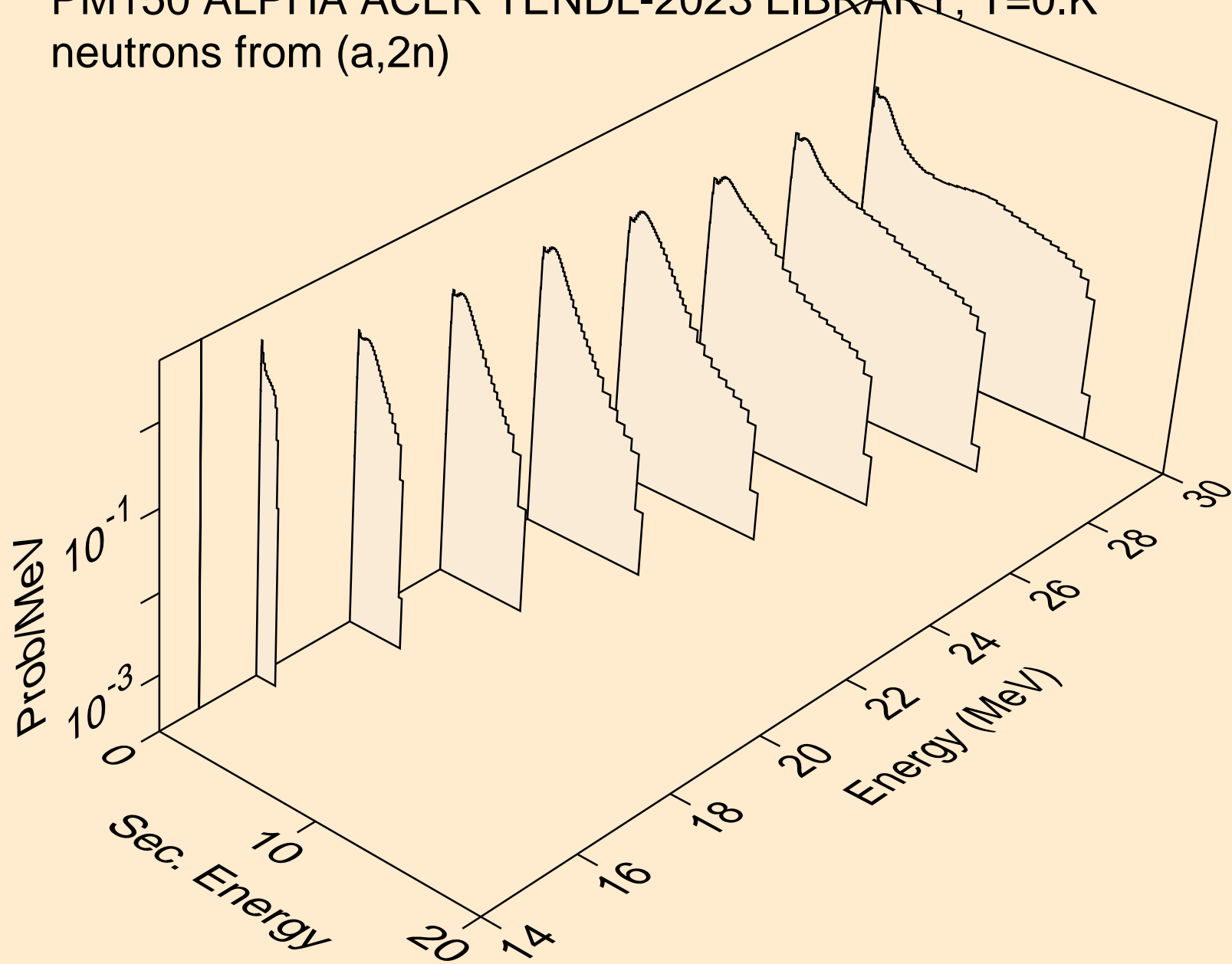
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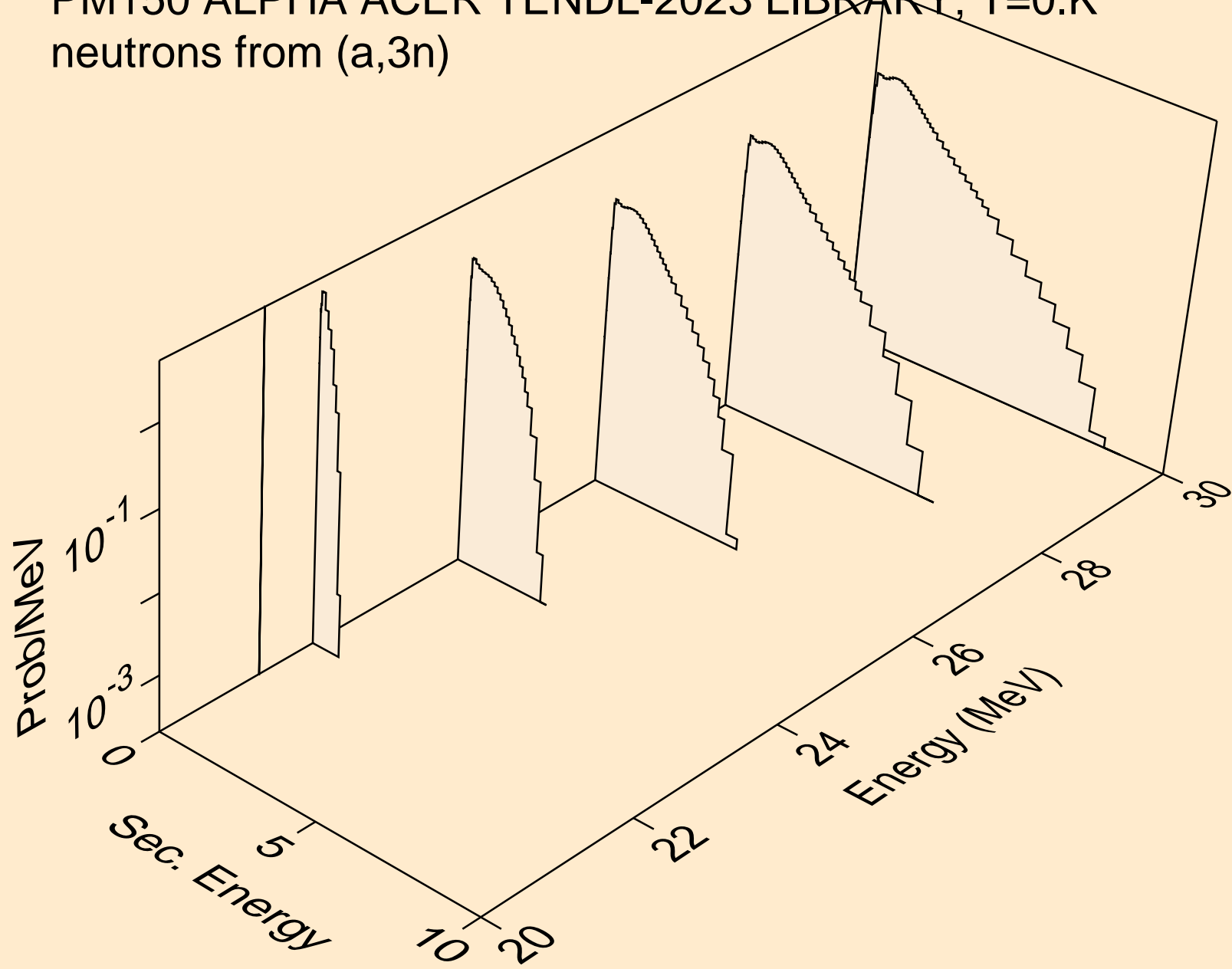
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neutrons from (a,2nd)



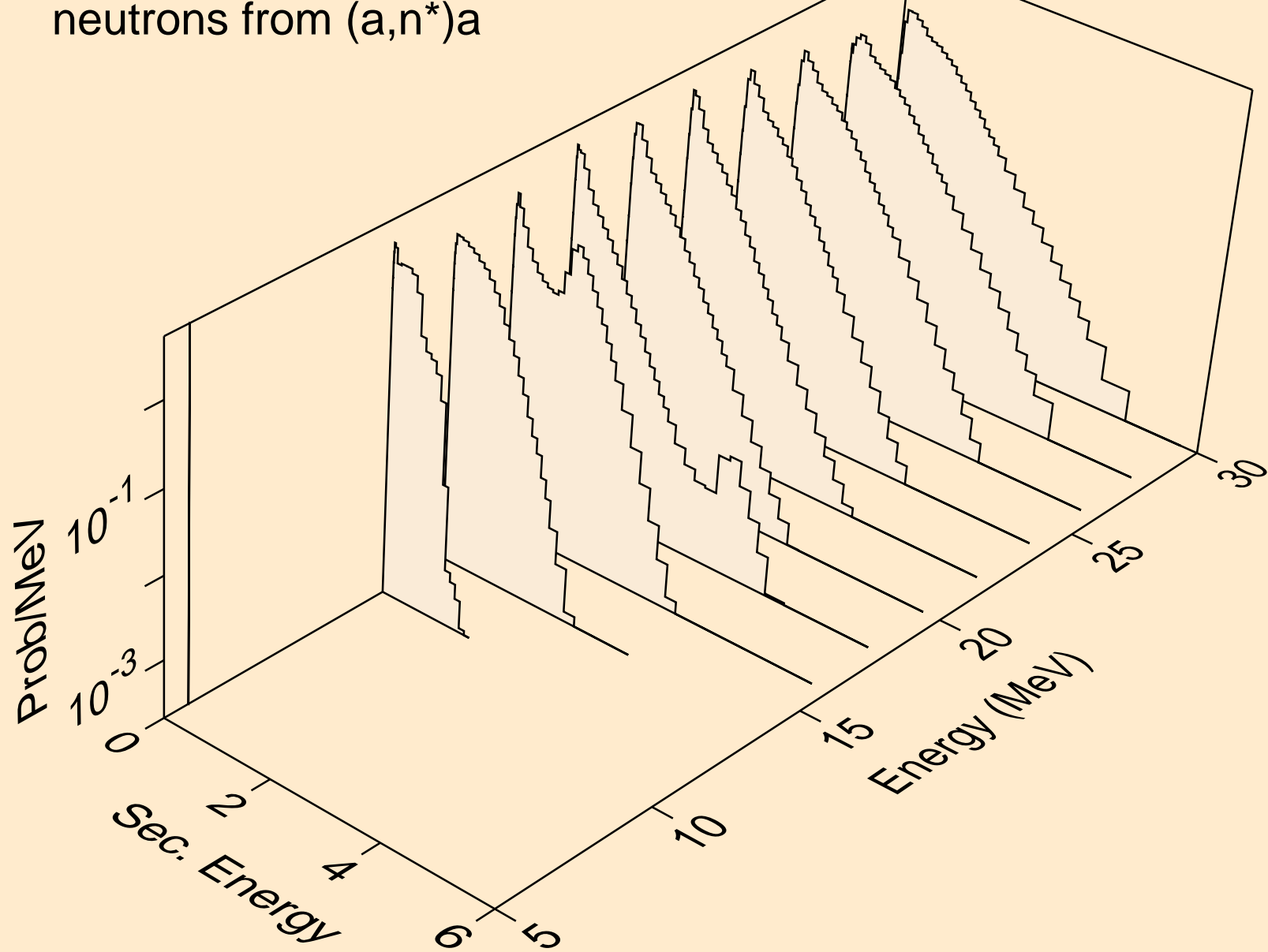
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neutrons from (a,2n)



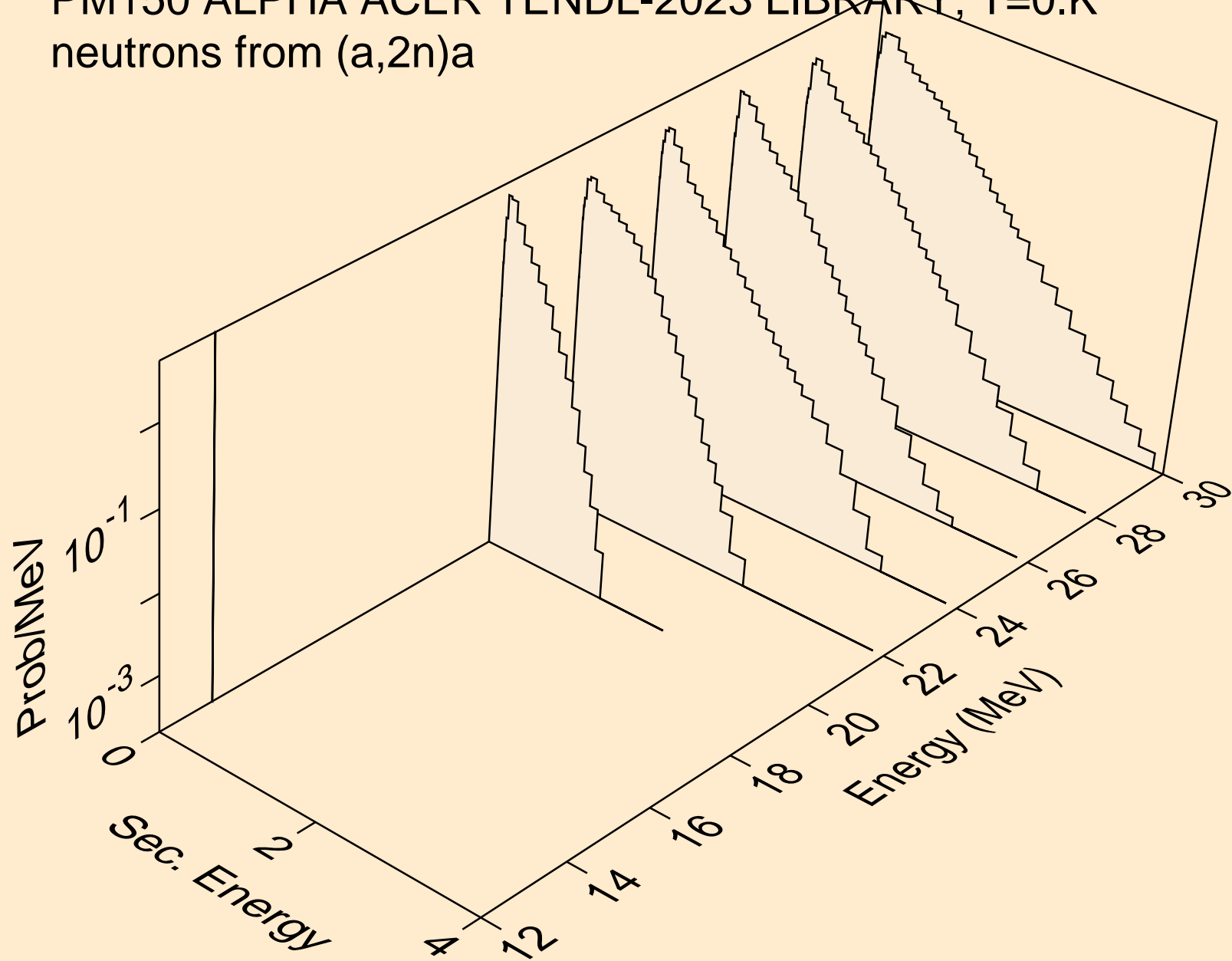
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

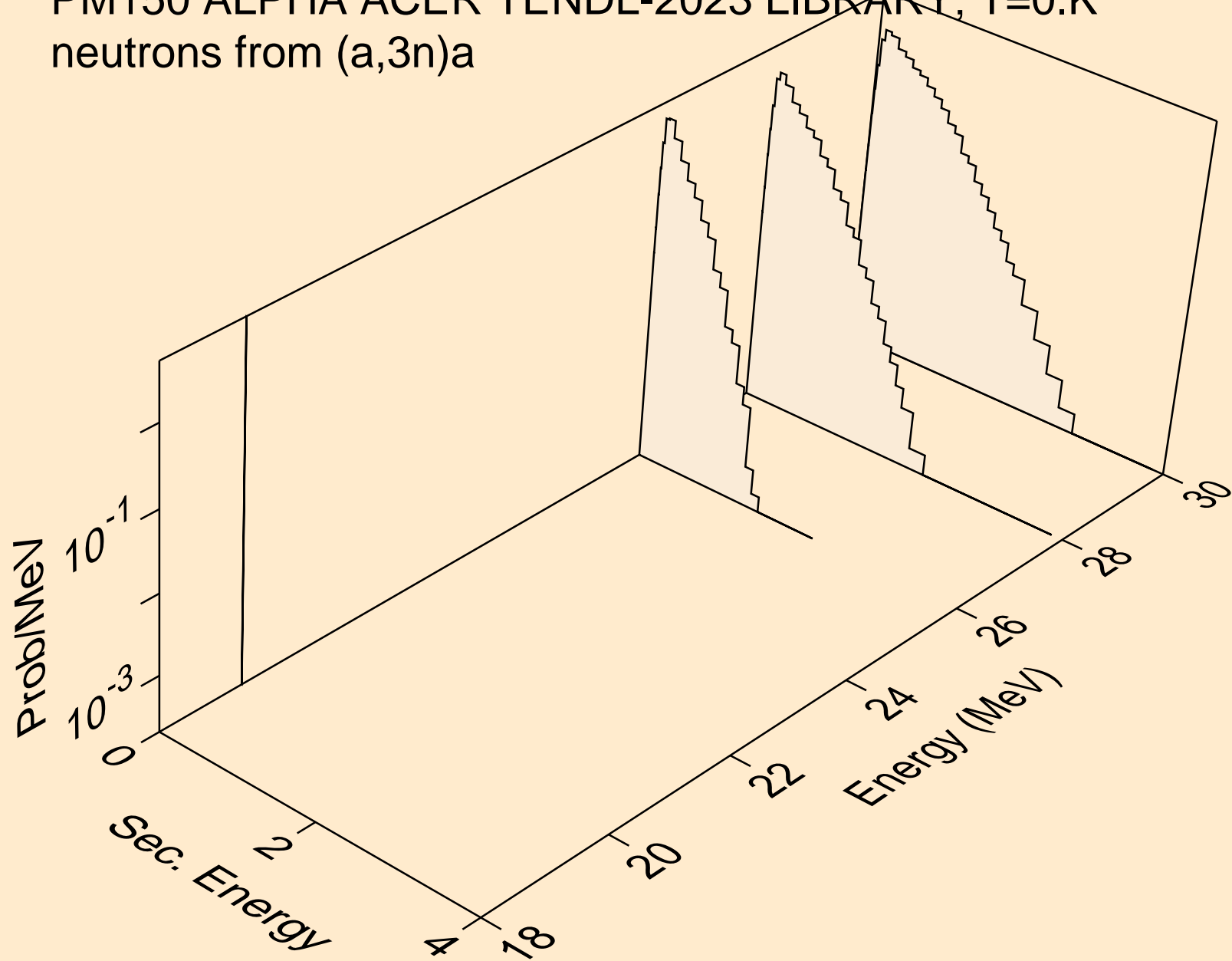


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neutrons from (a,2n)a

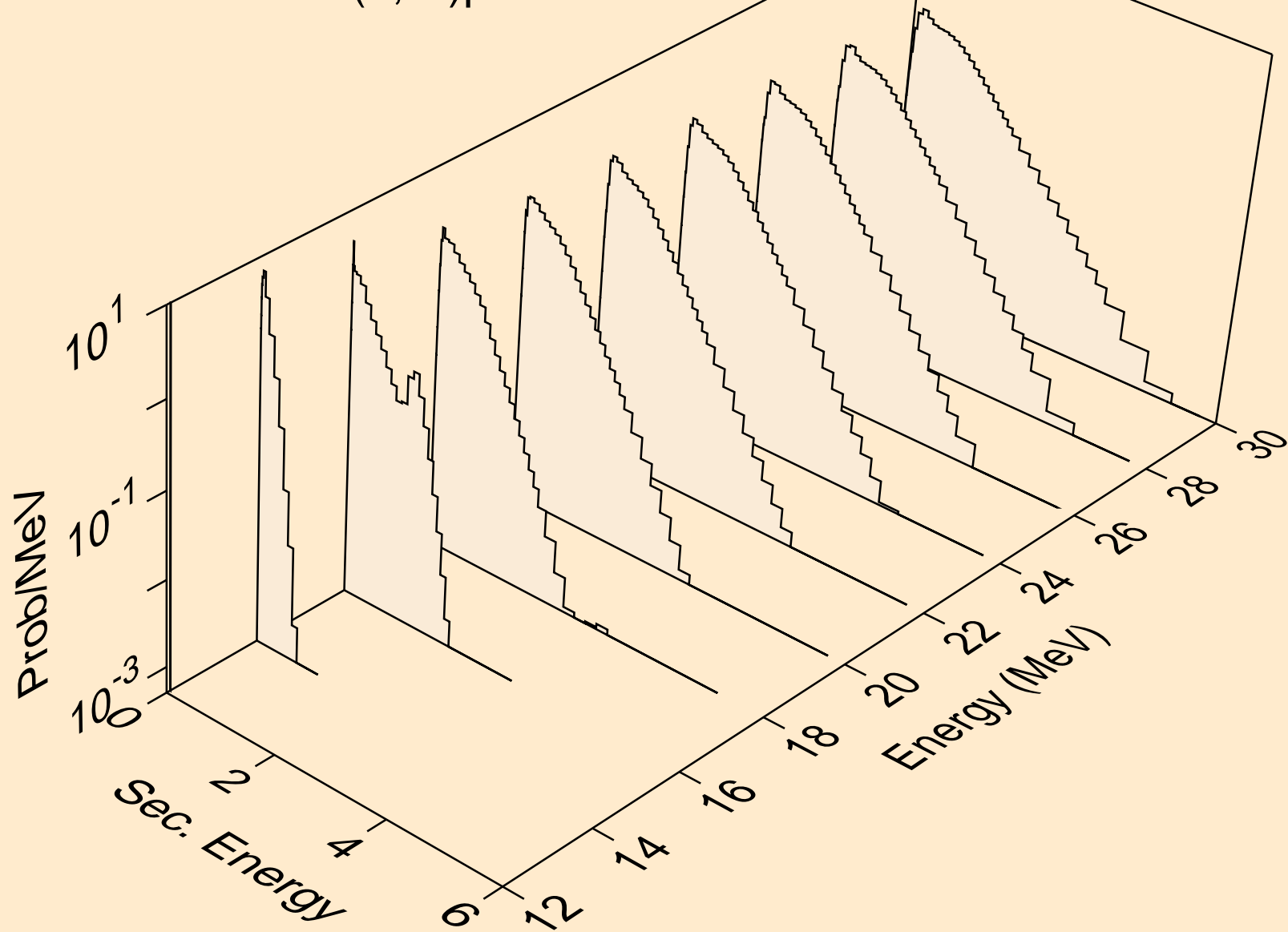




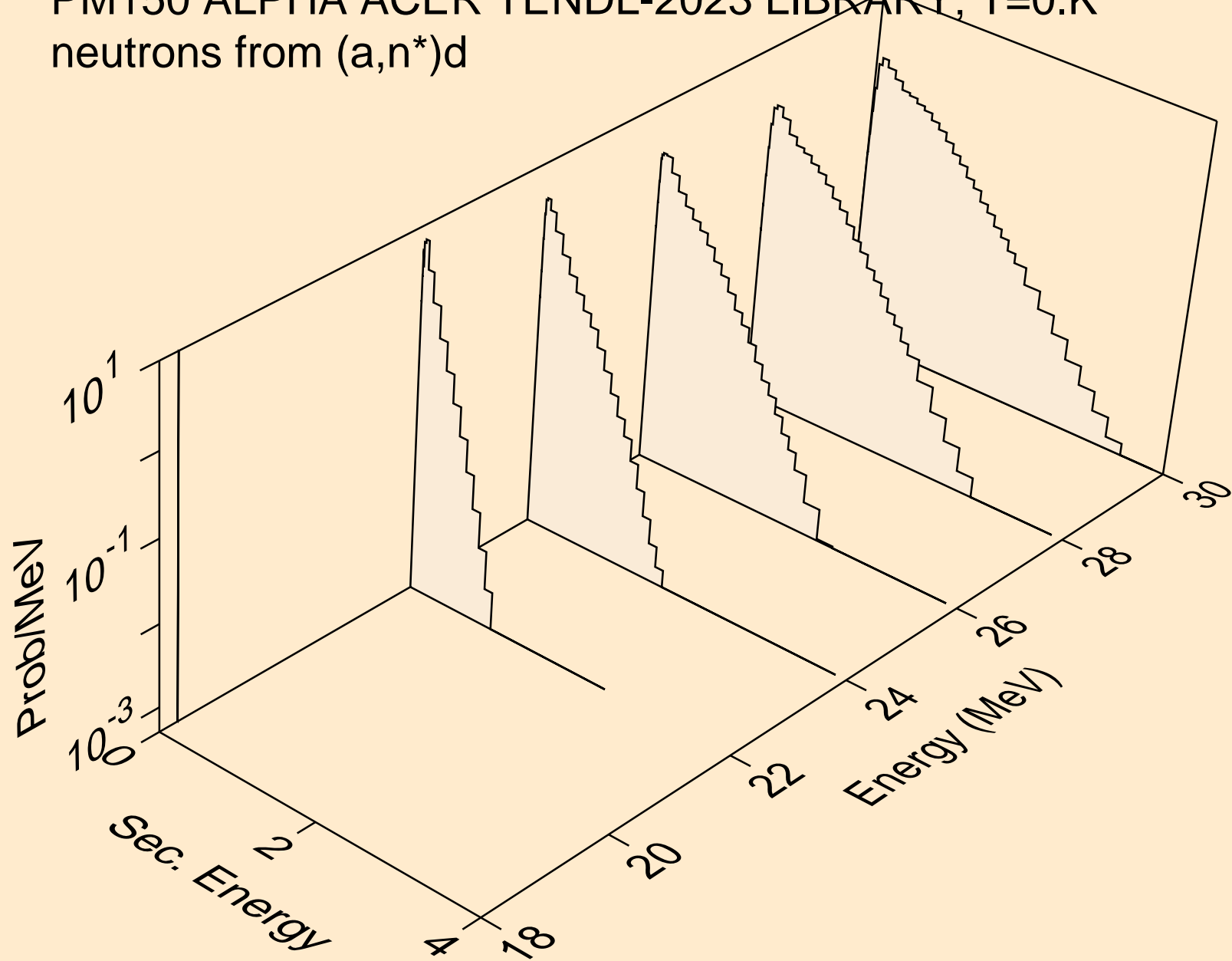
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



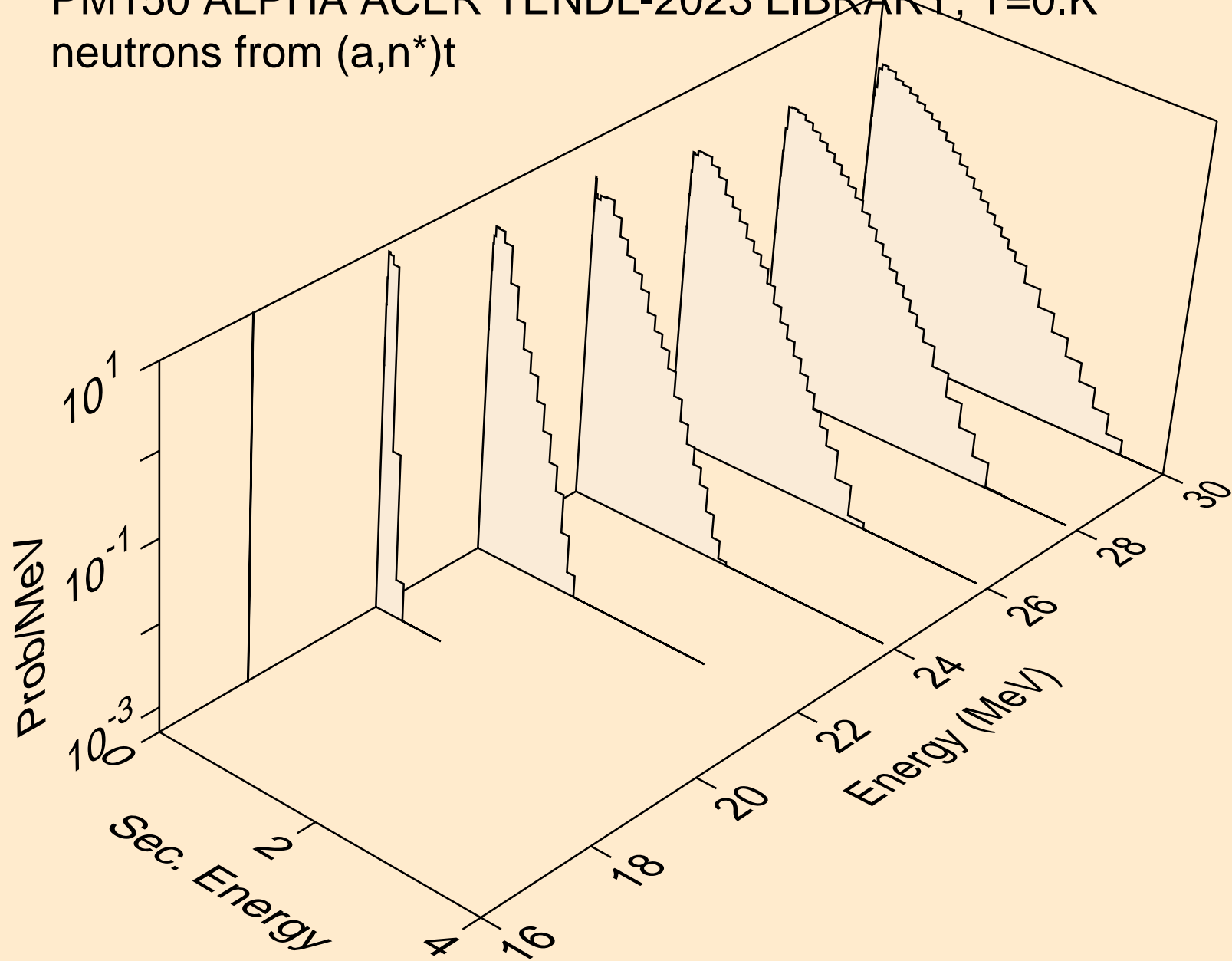
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



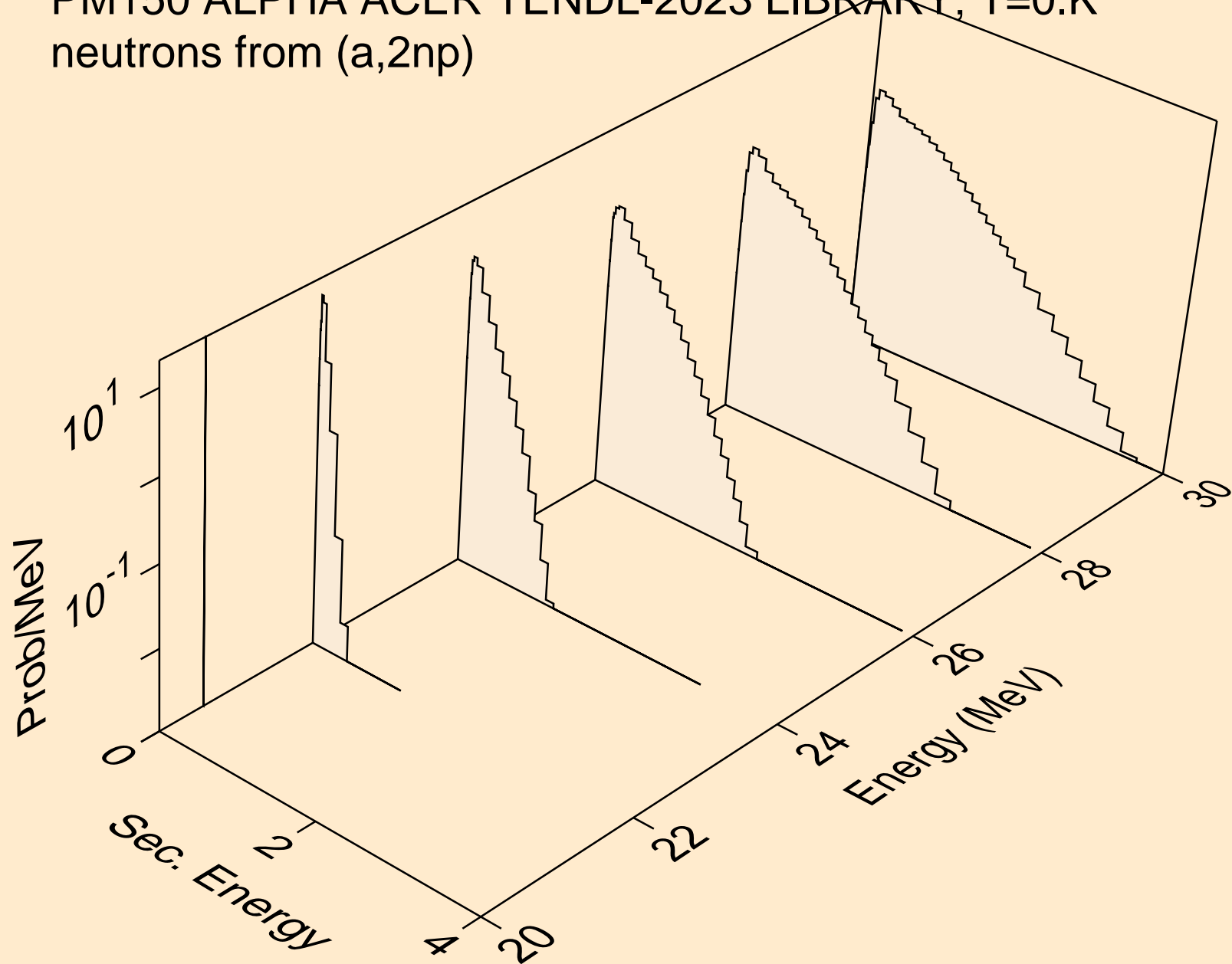
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



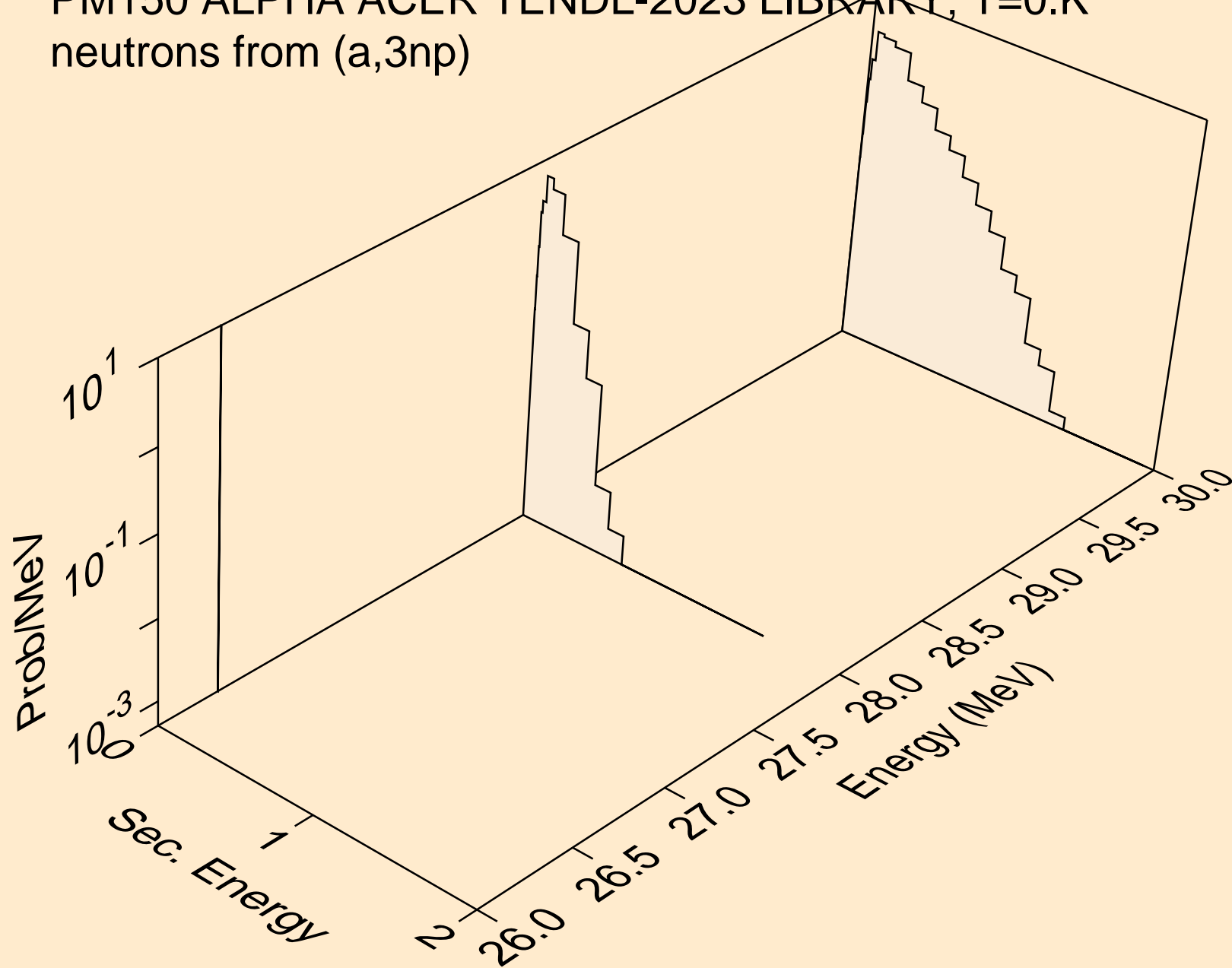
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



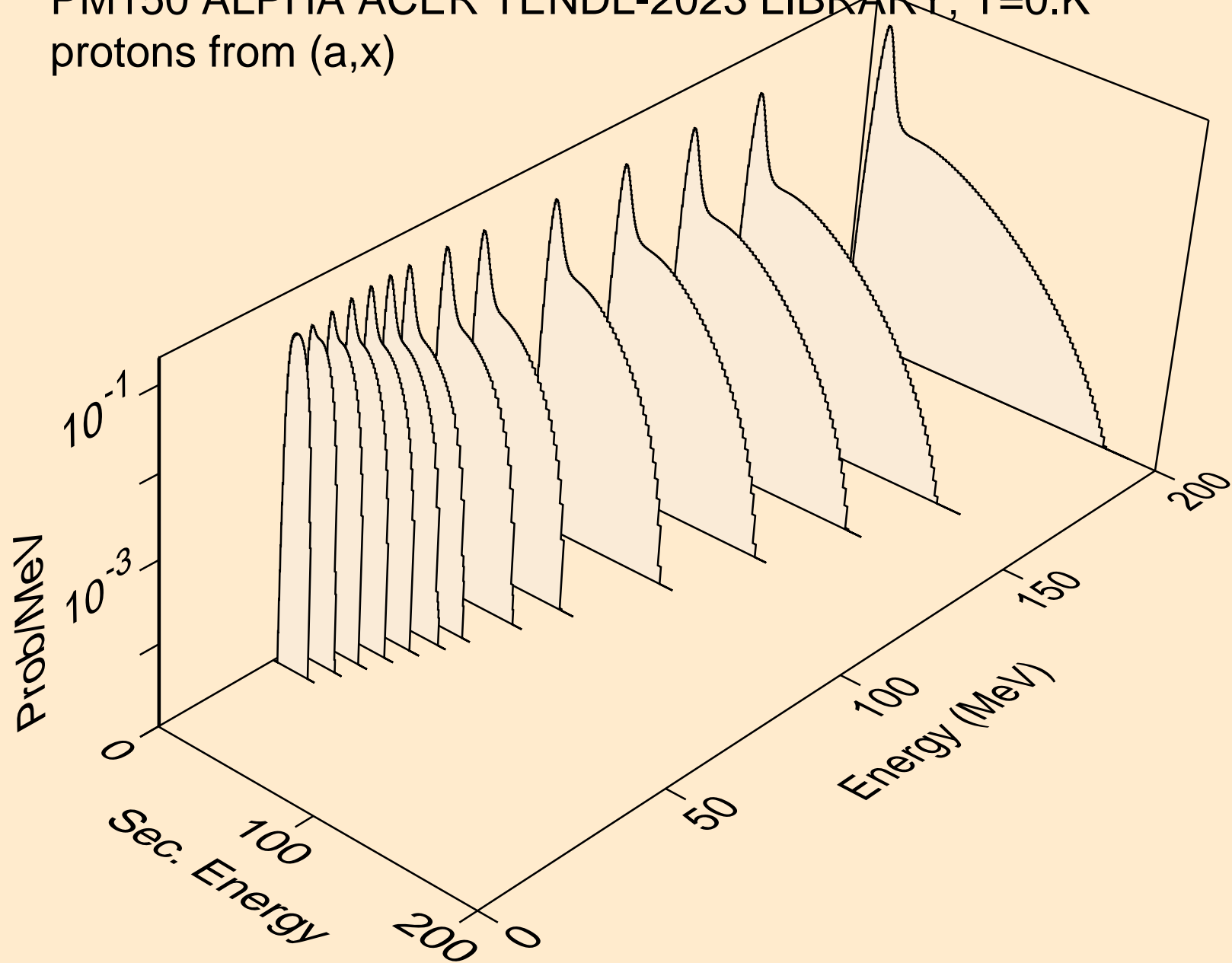
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



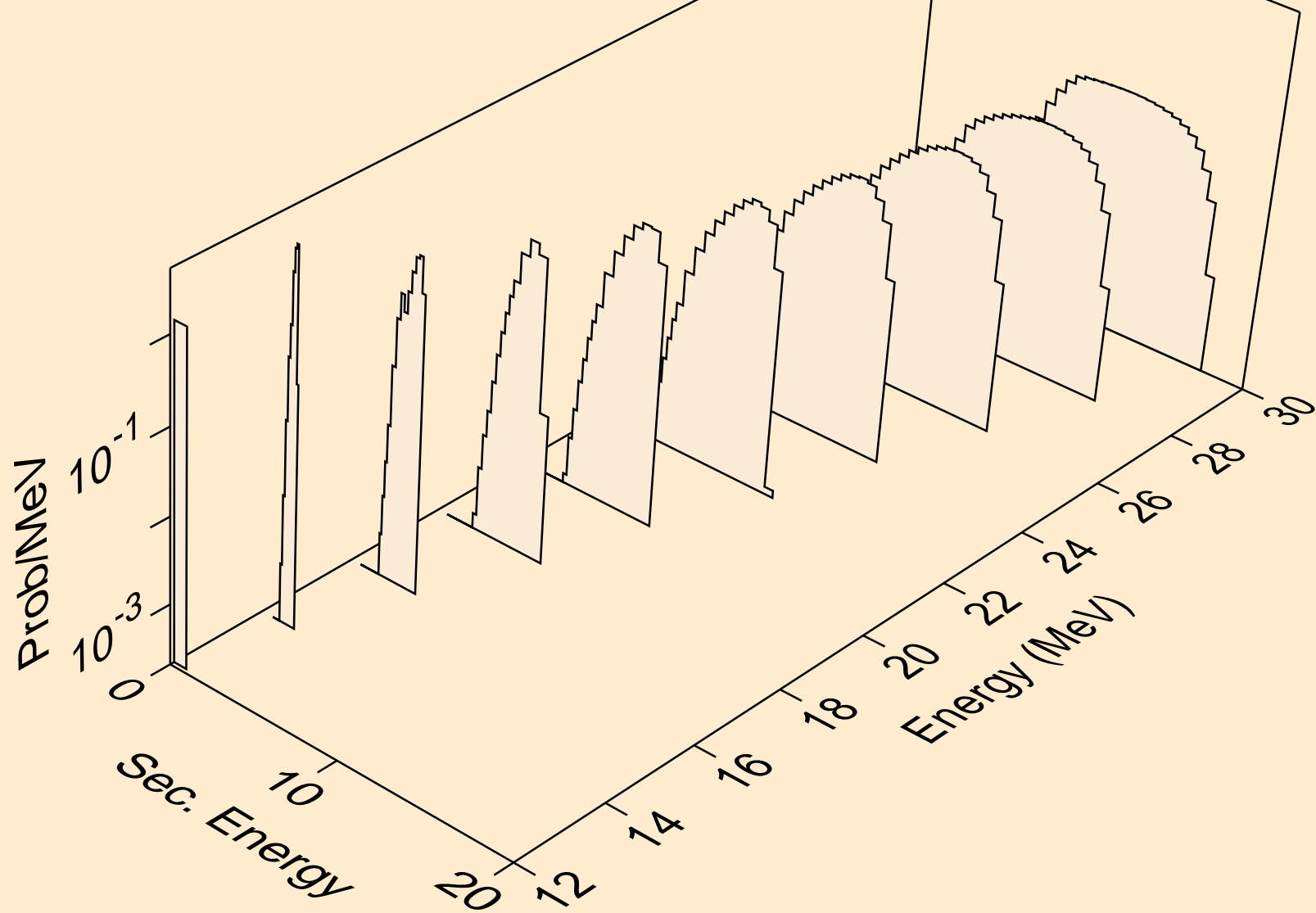
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

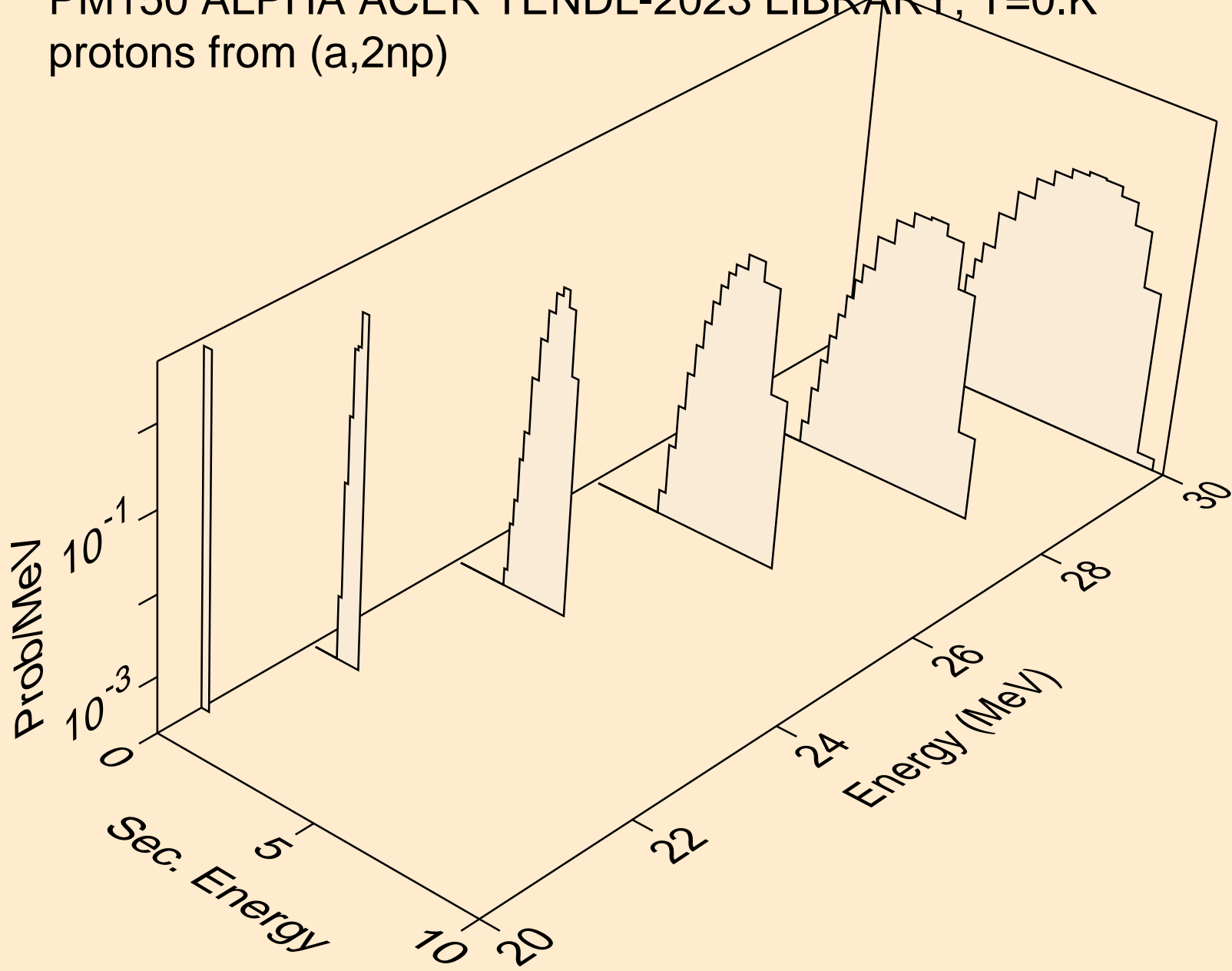


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protons from (a,n\*)p

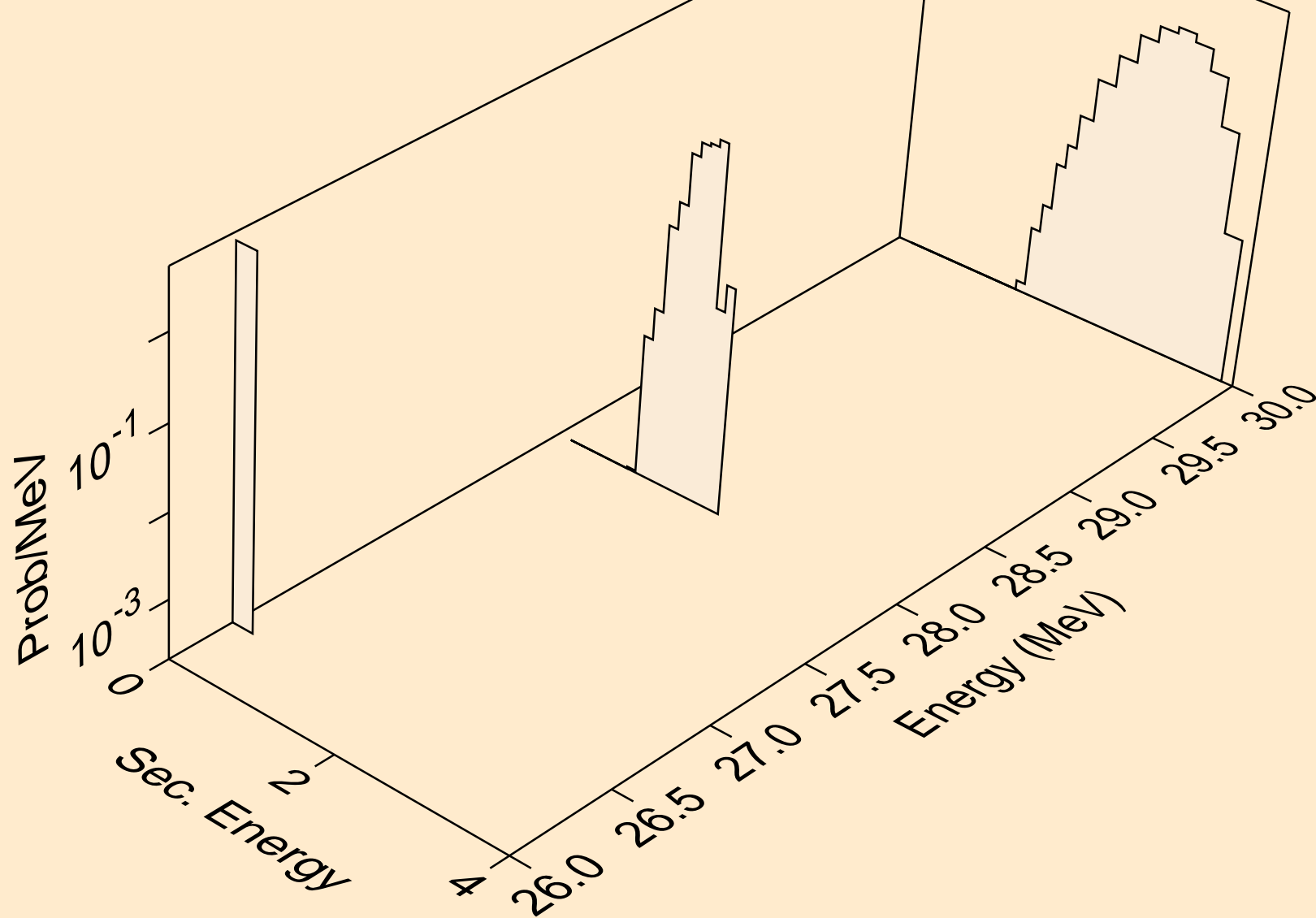




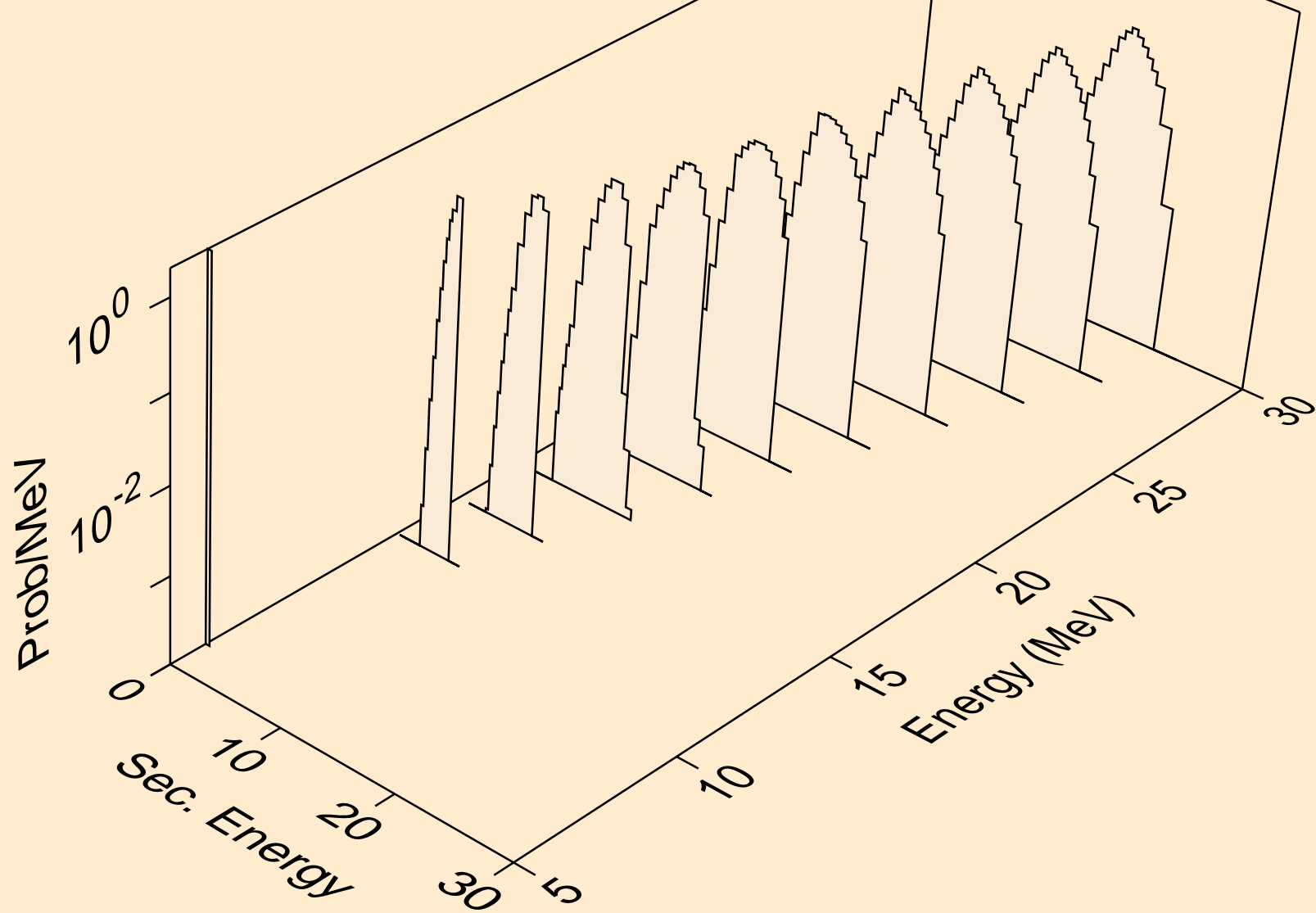
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protons from (a,2np)



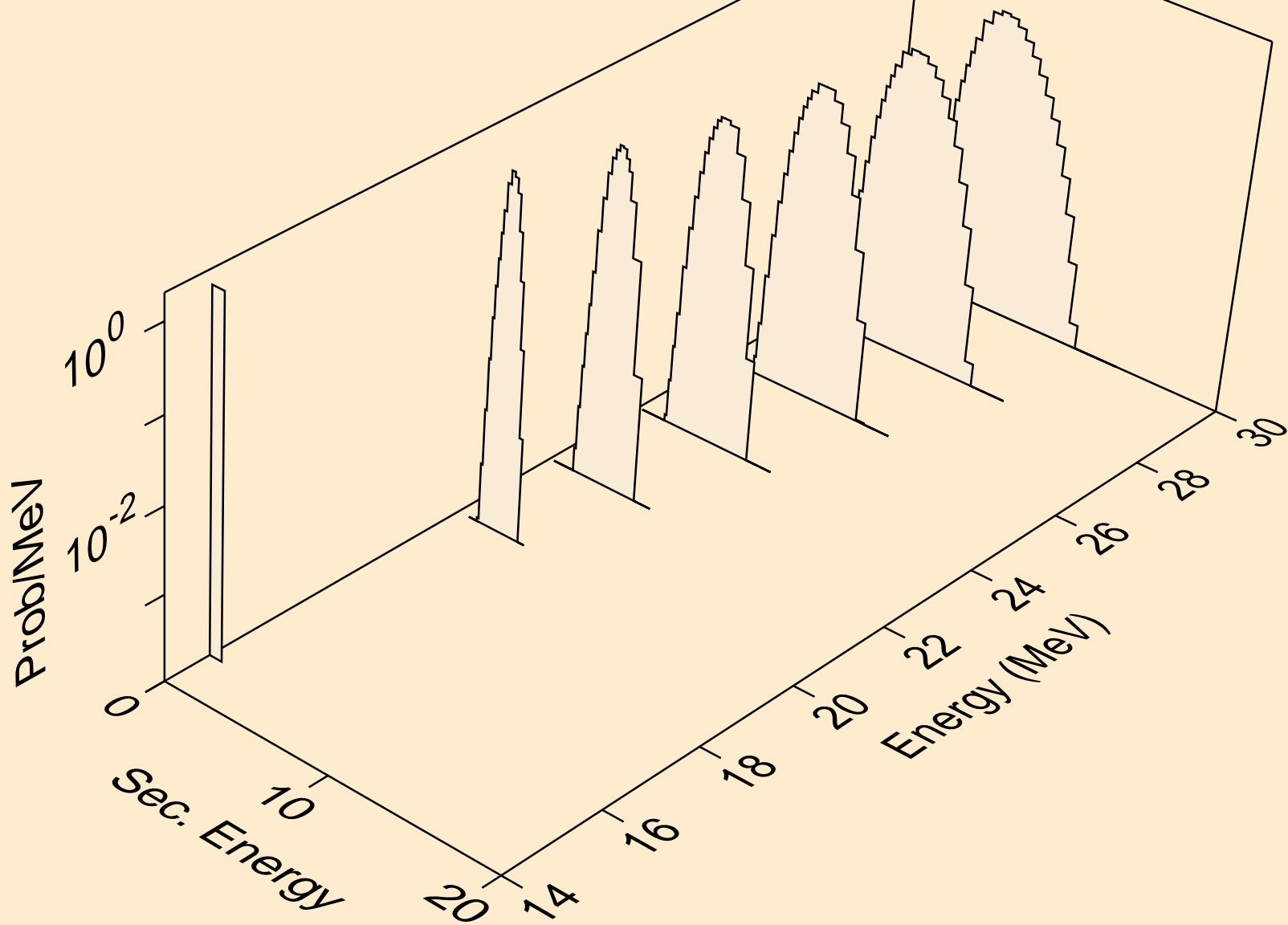
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protons from (a,3np)



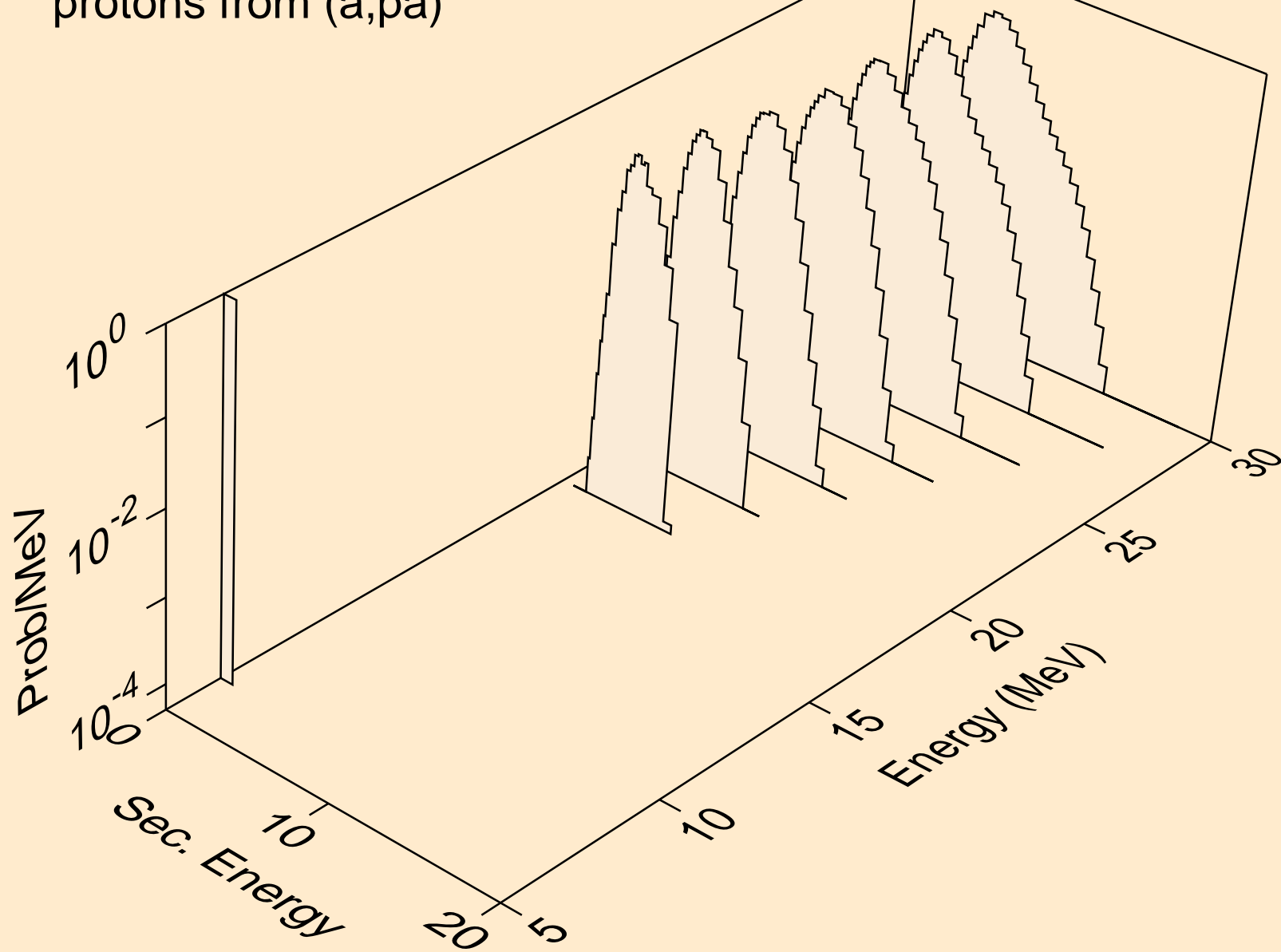
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protons from (a,p)



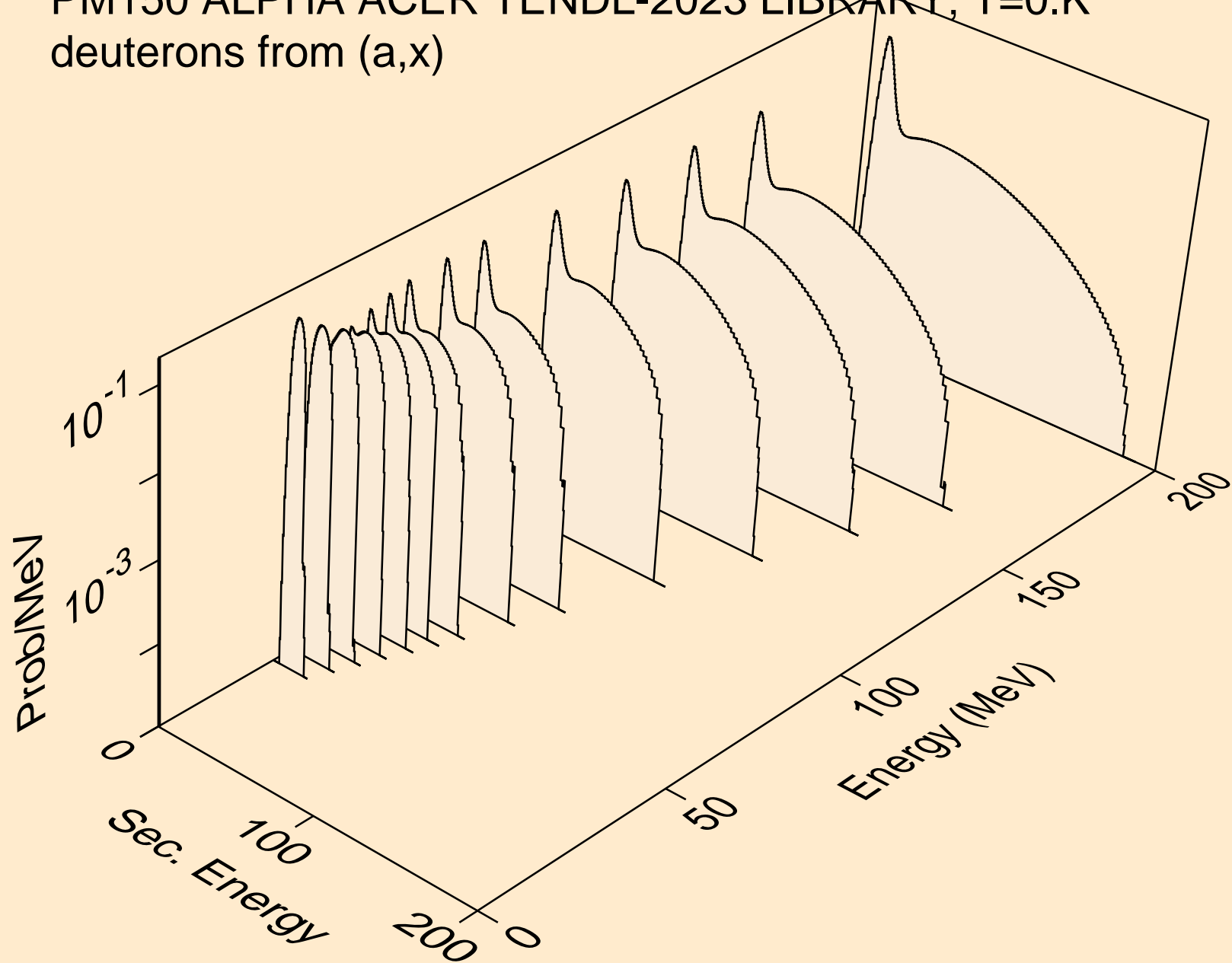
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



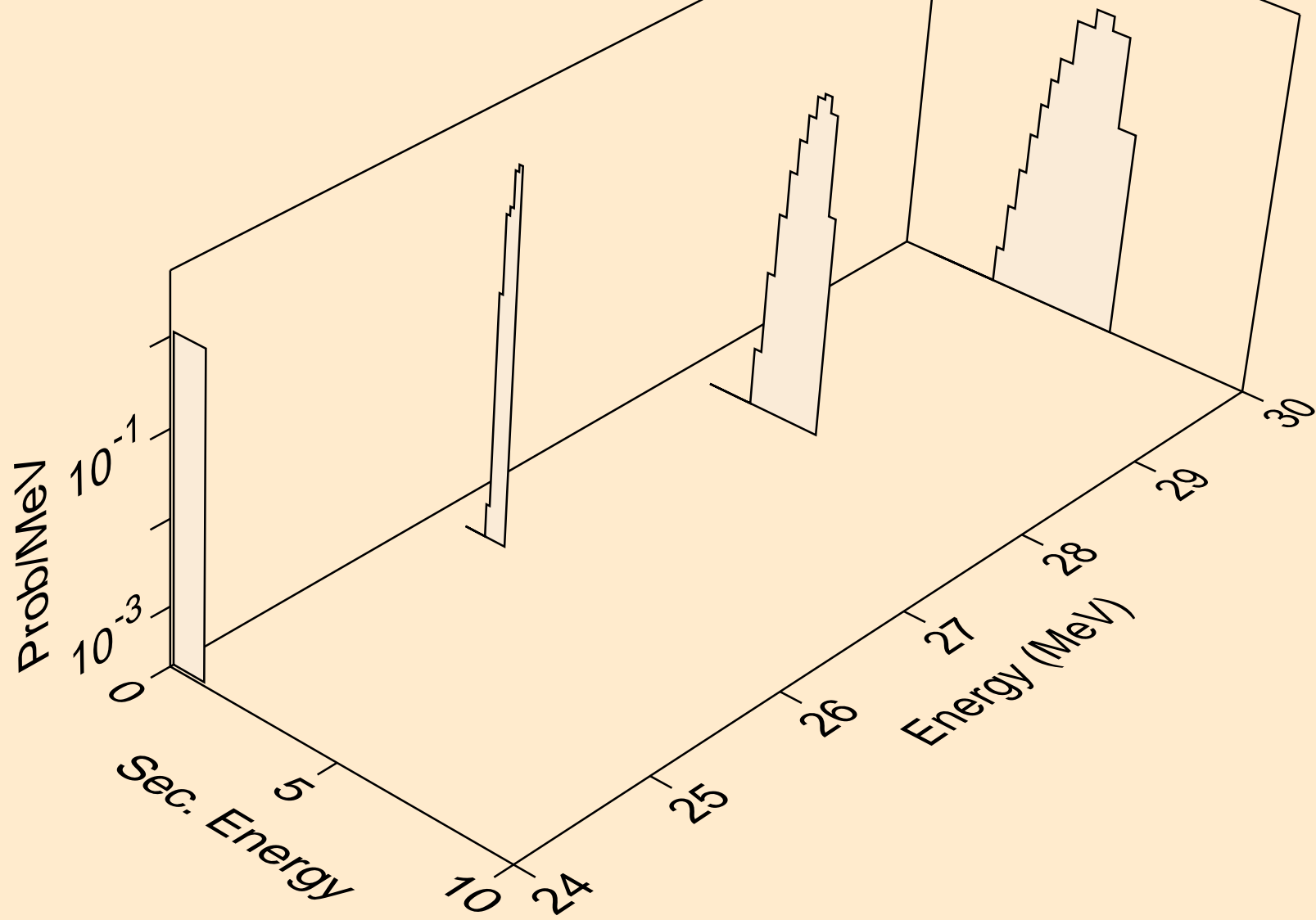
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protons from (a,pa)



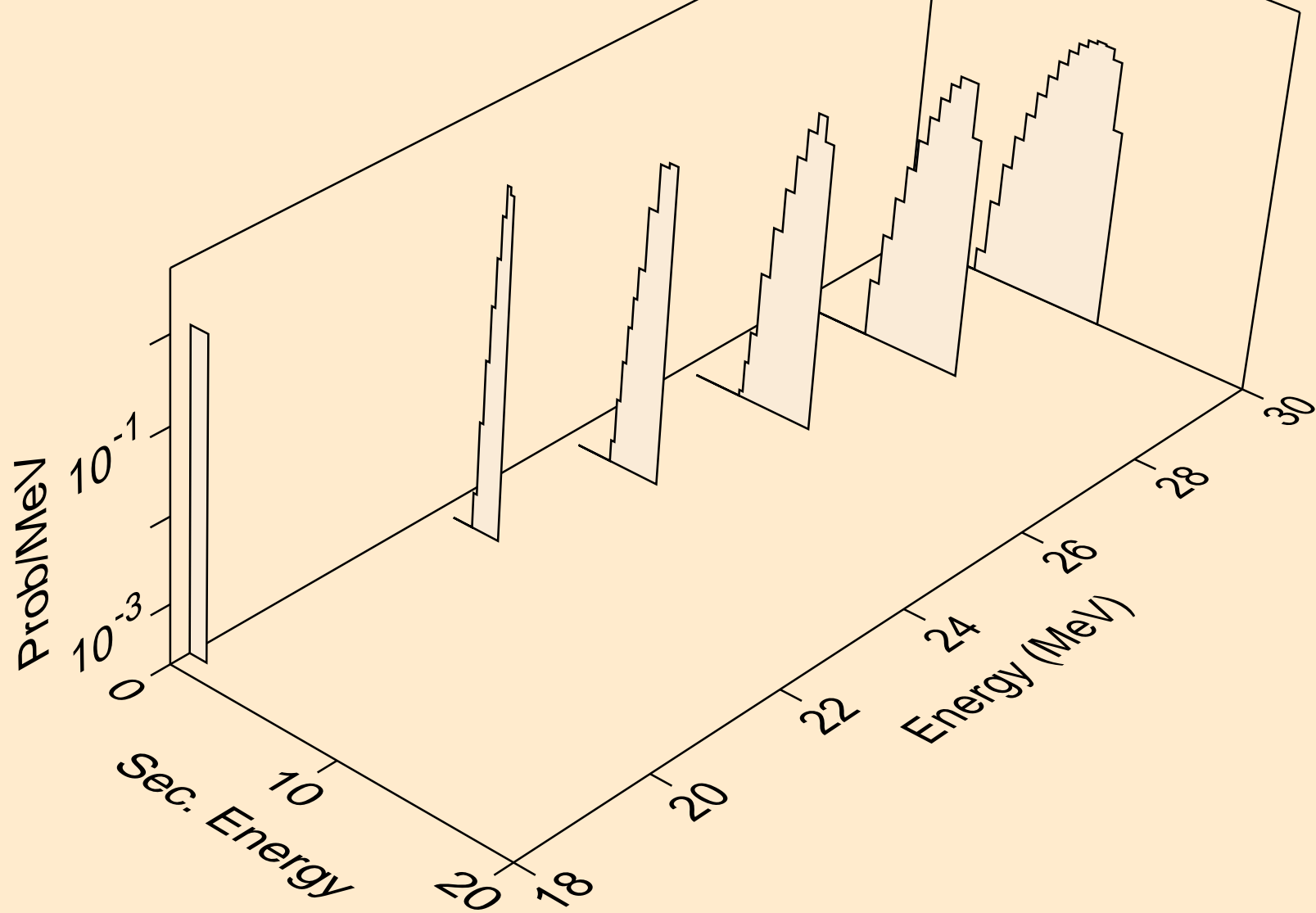
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)

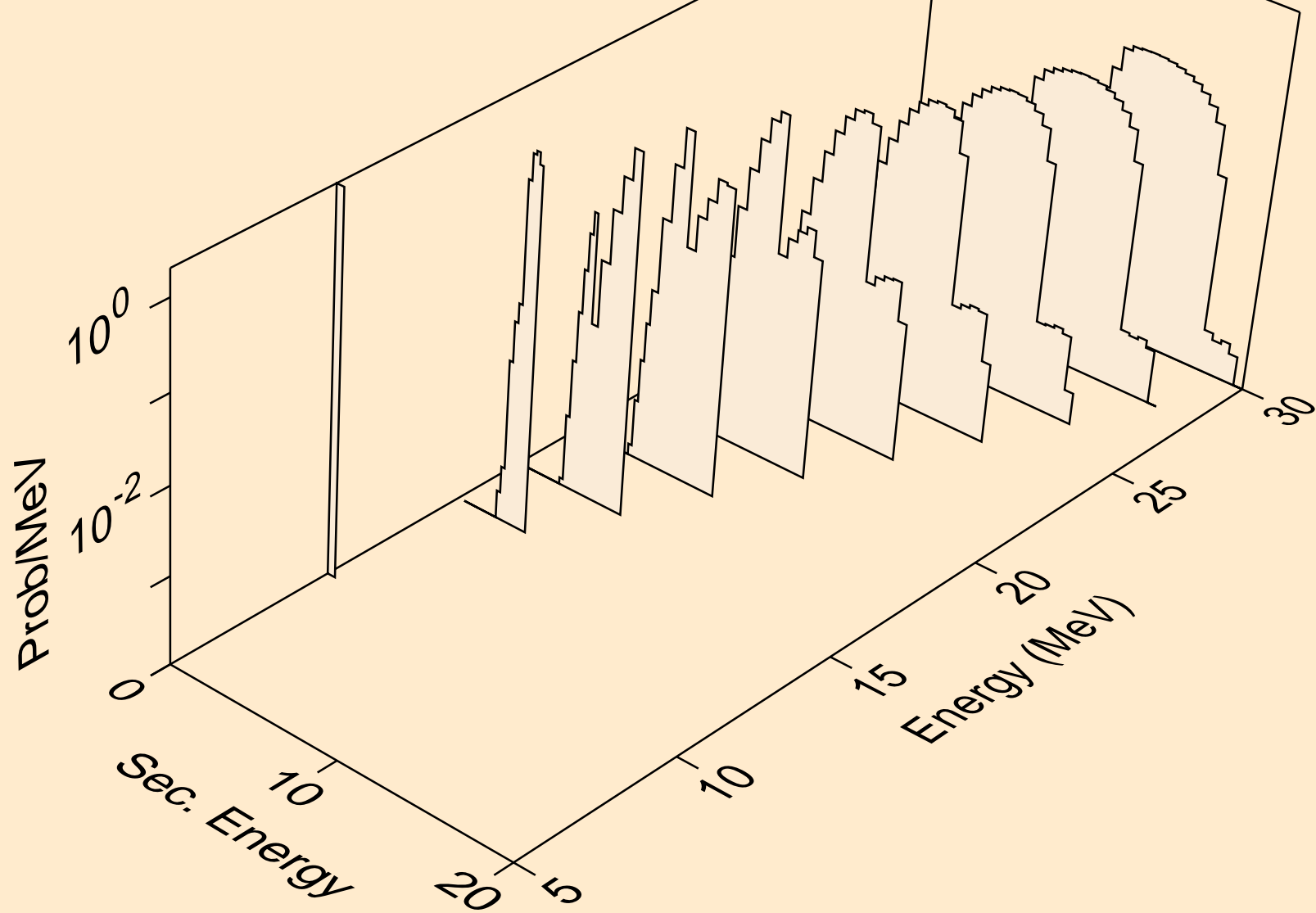


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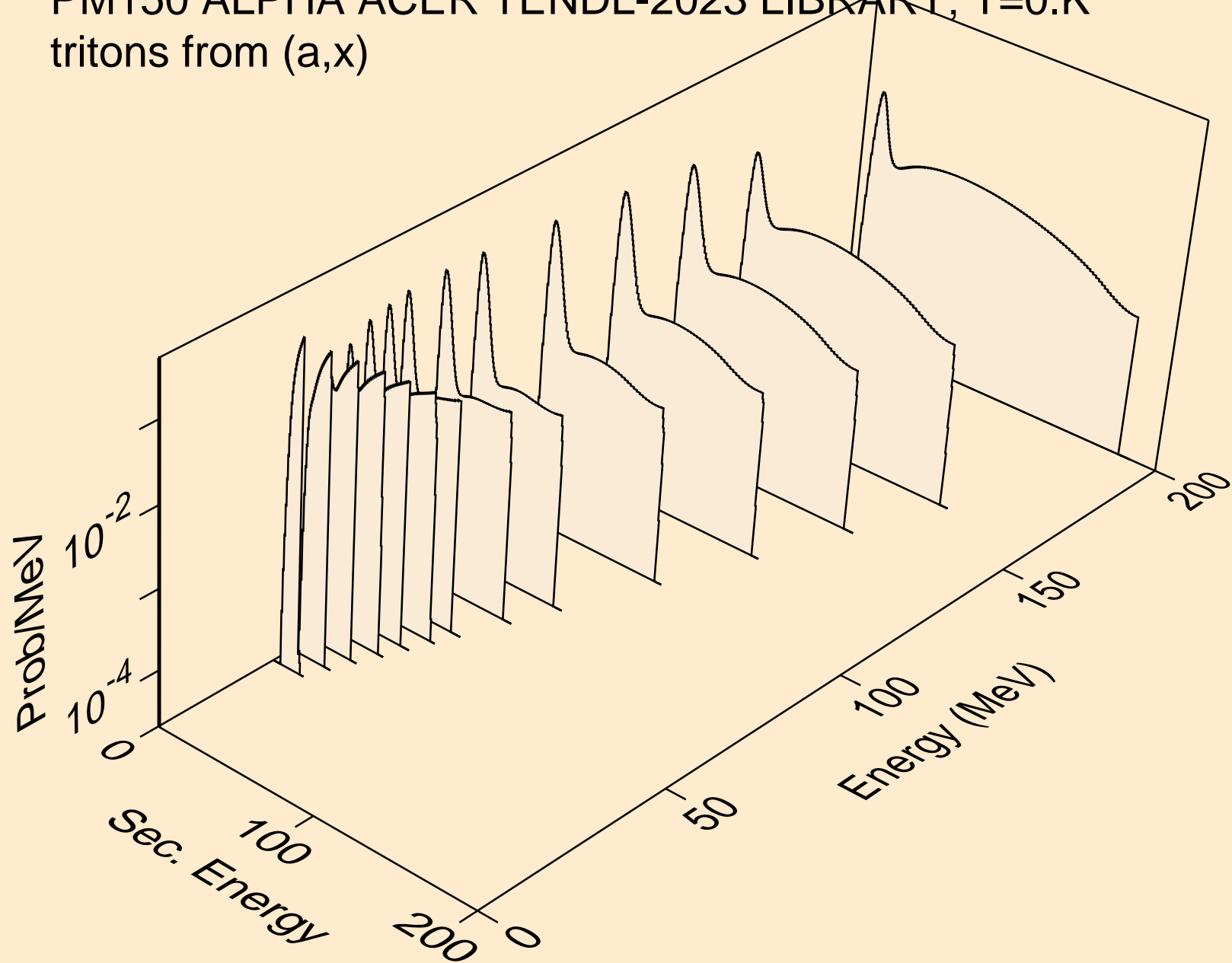




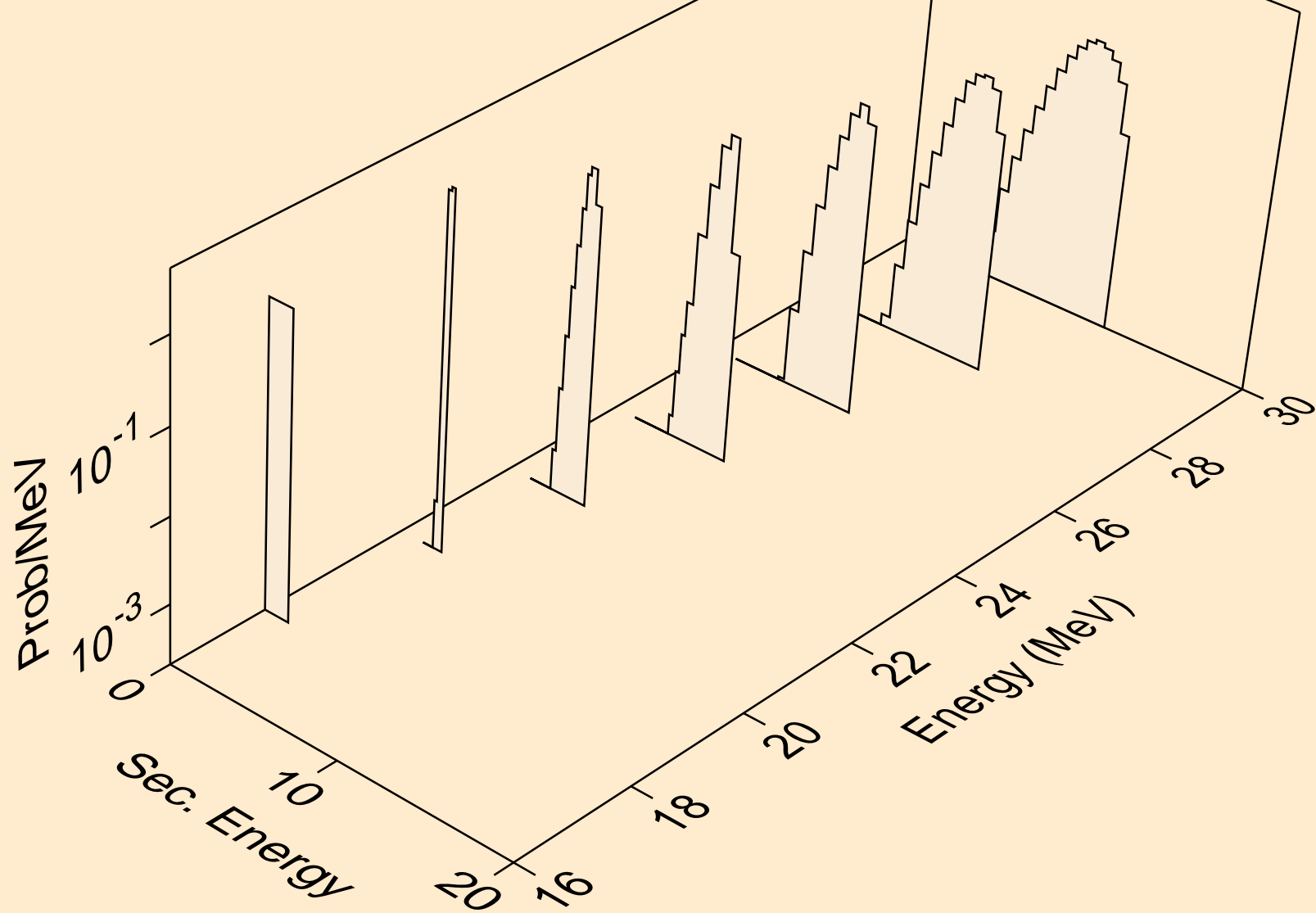
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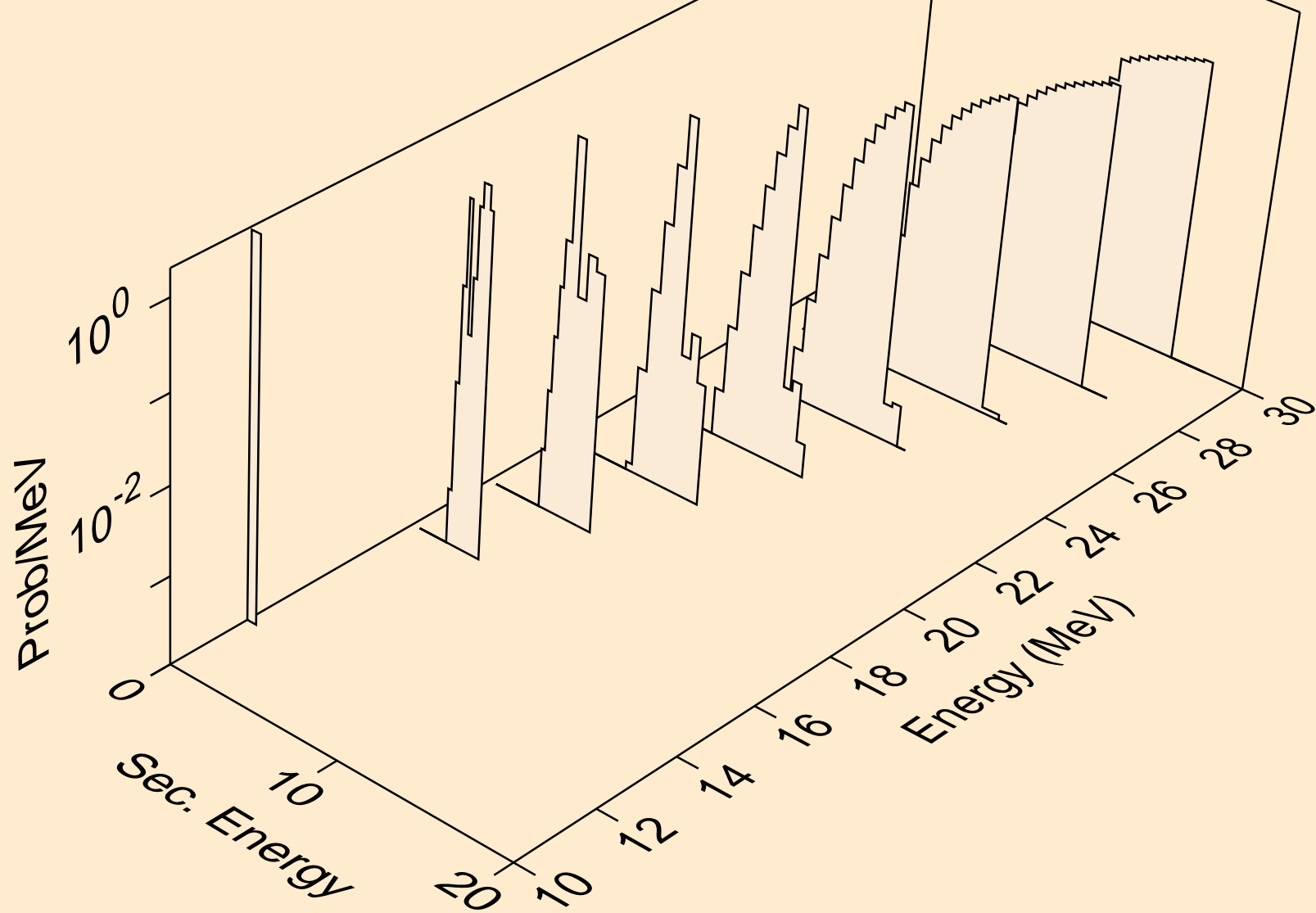
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tritons from (a,x)



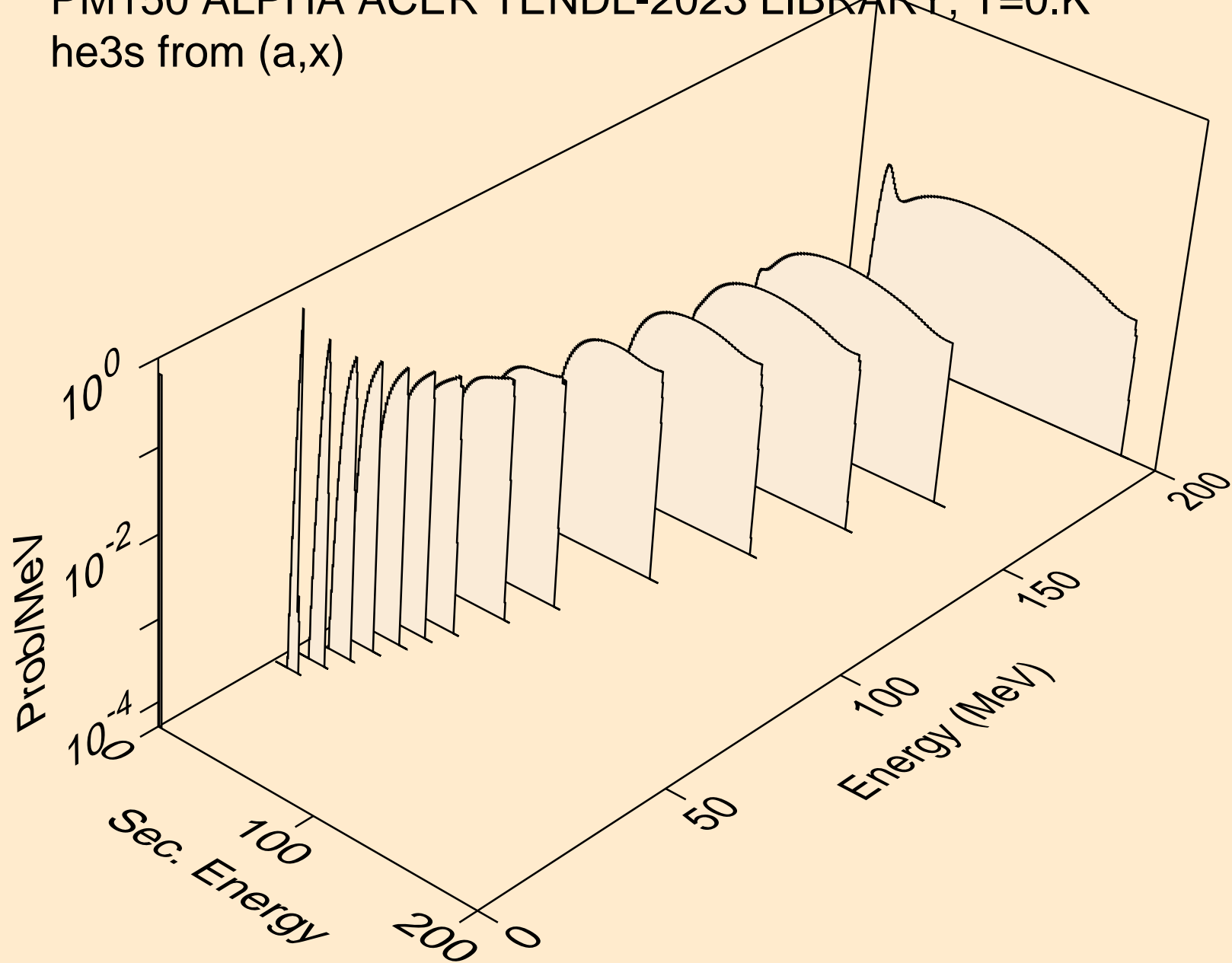
PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



PM150 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

