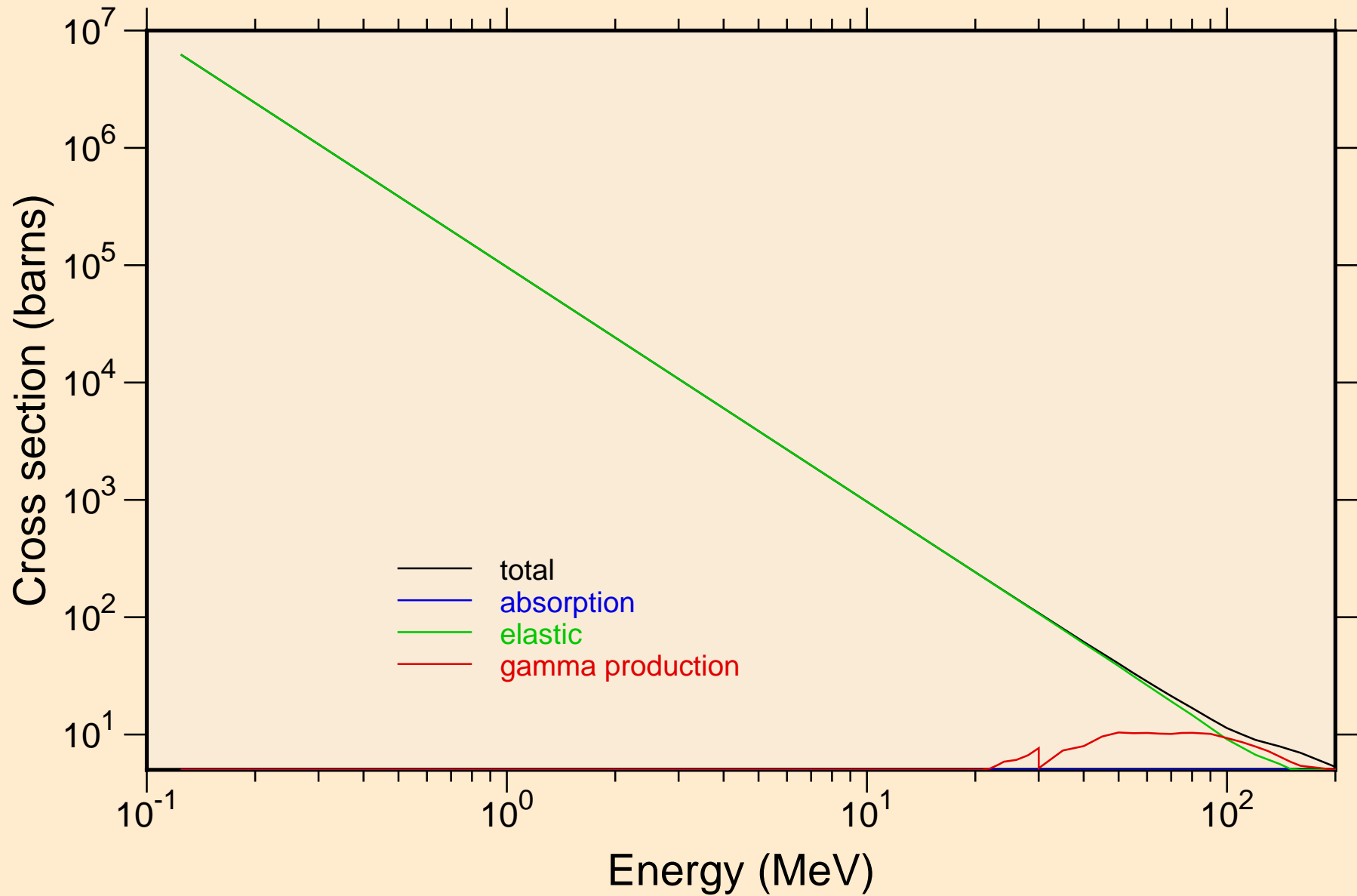
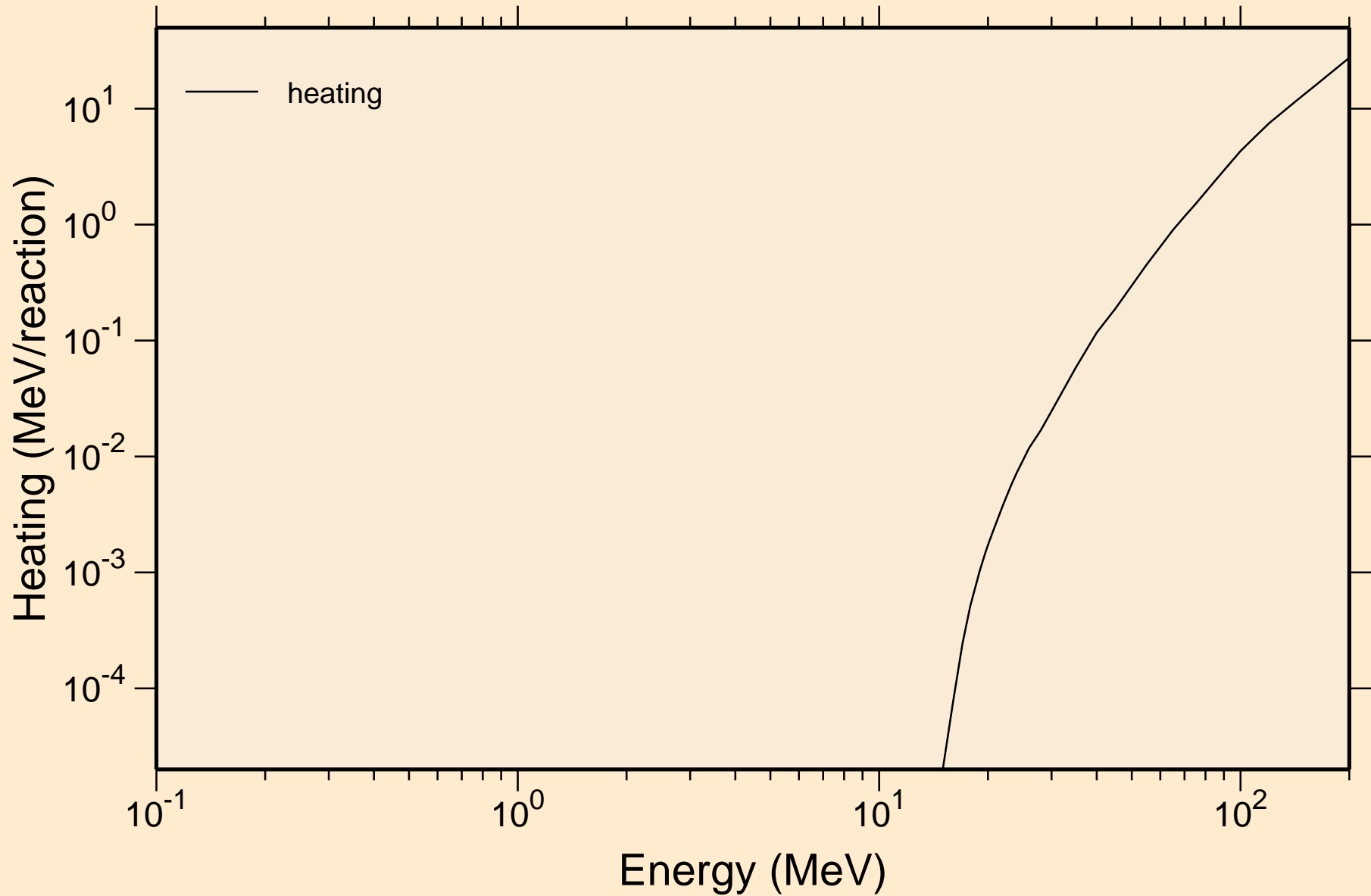


PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



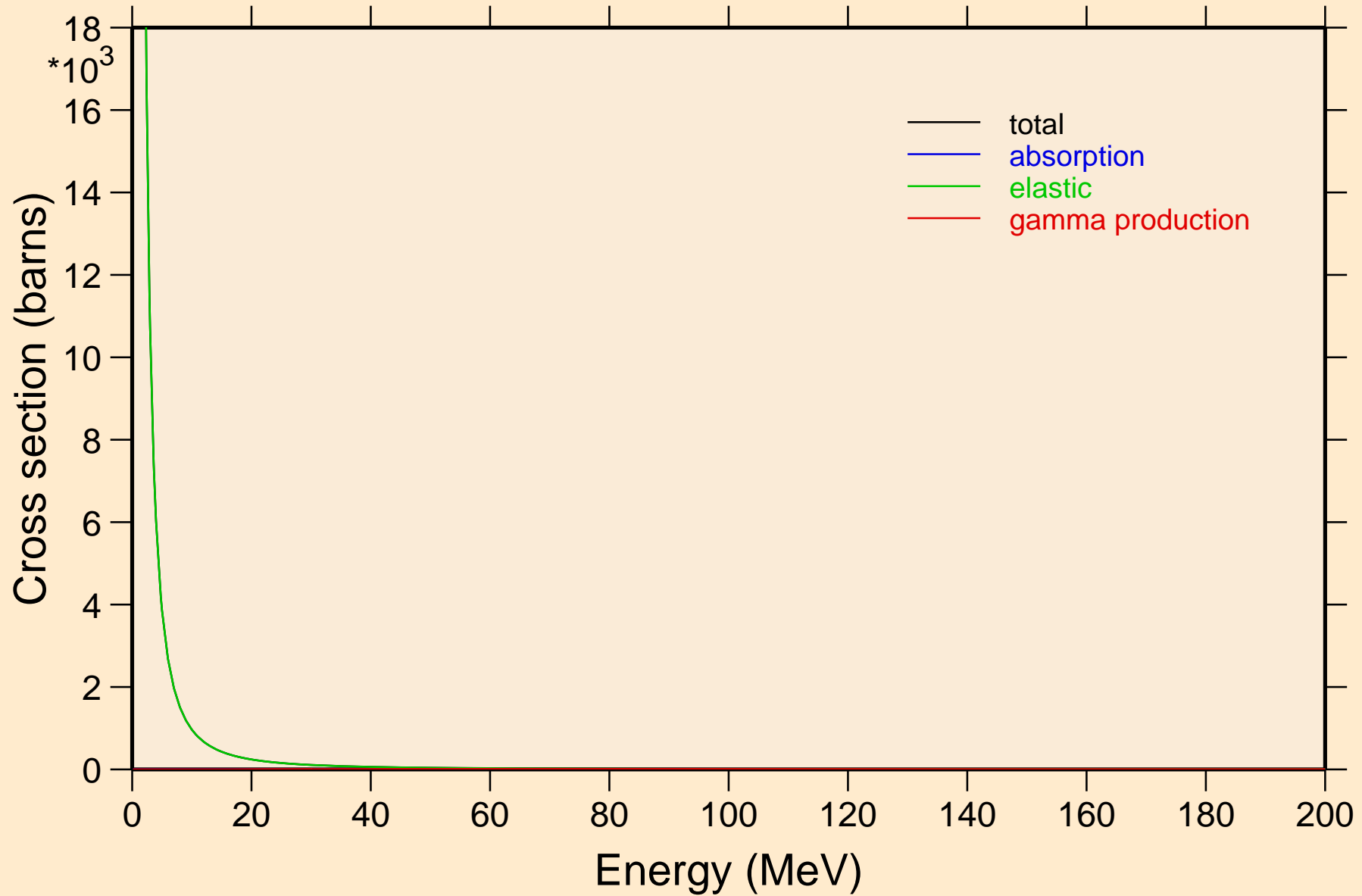
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



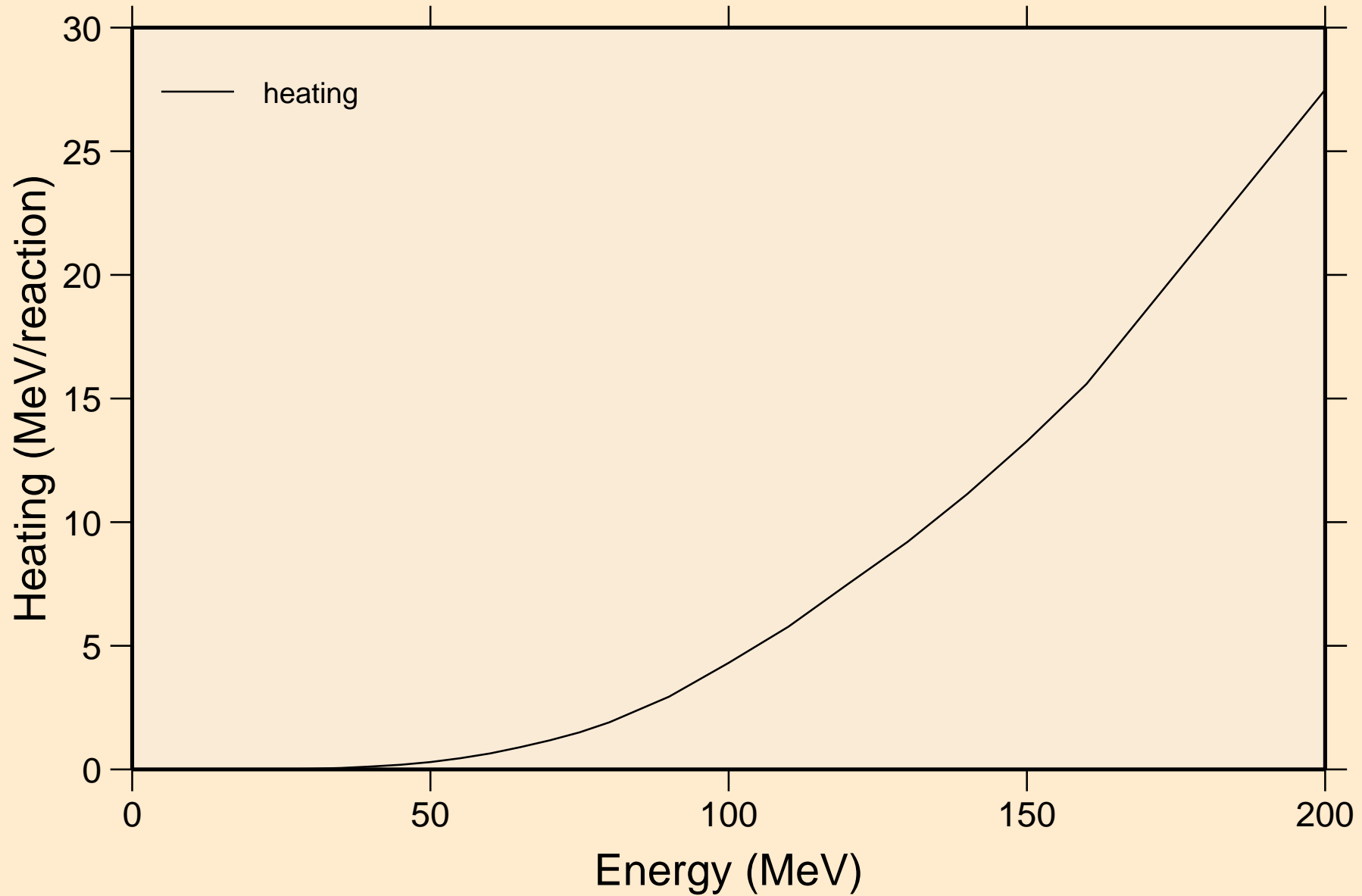
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## Principal cross sections

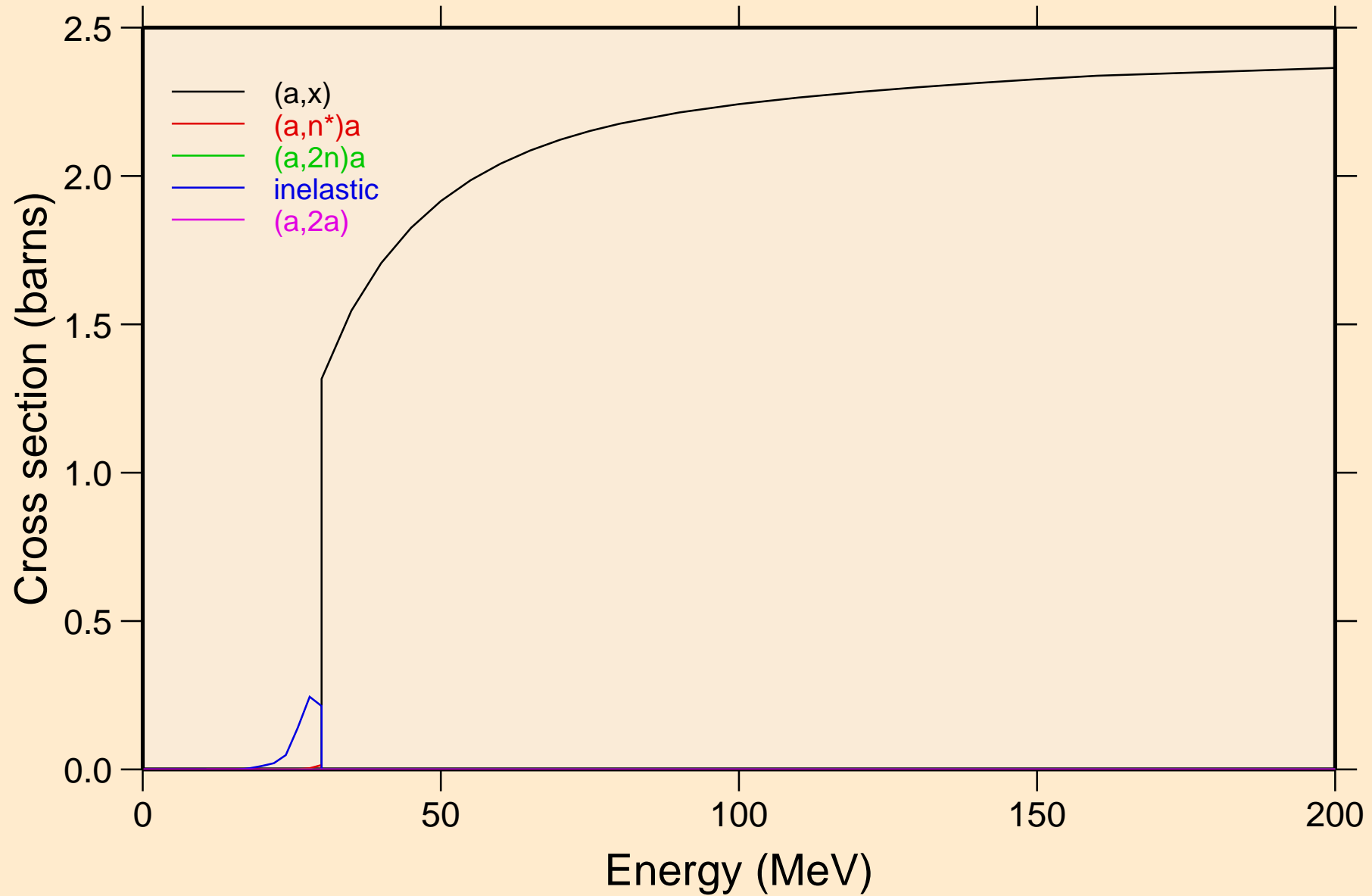


PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

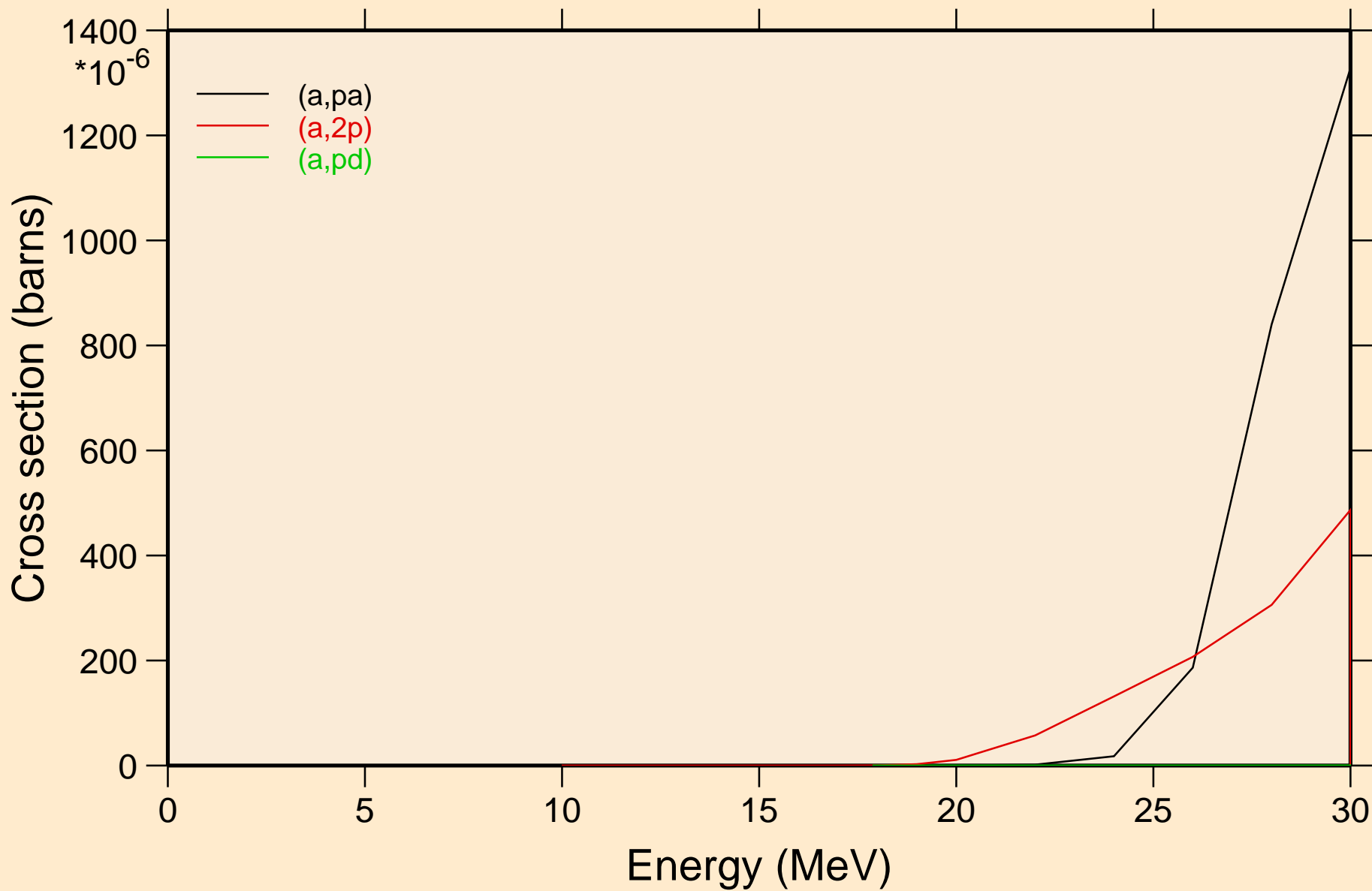
Heating



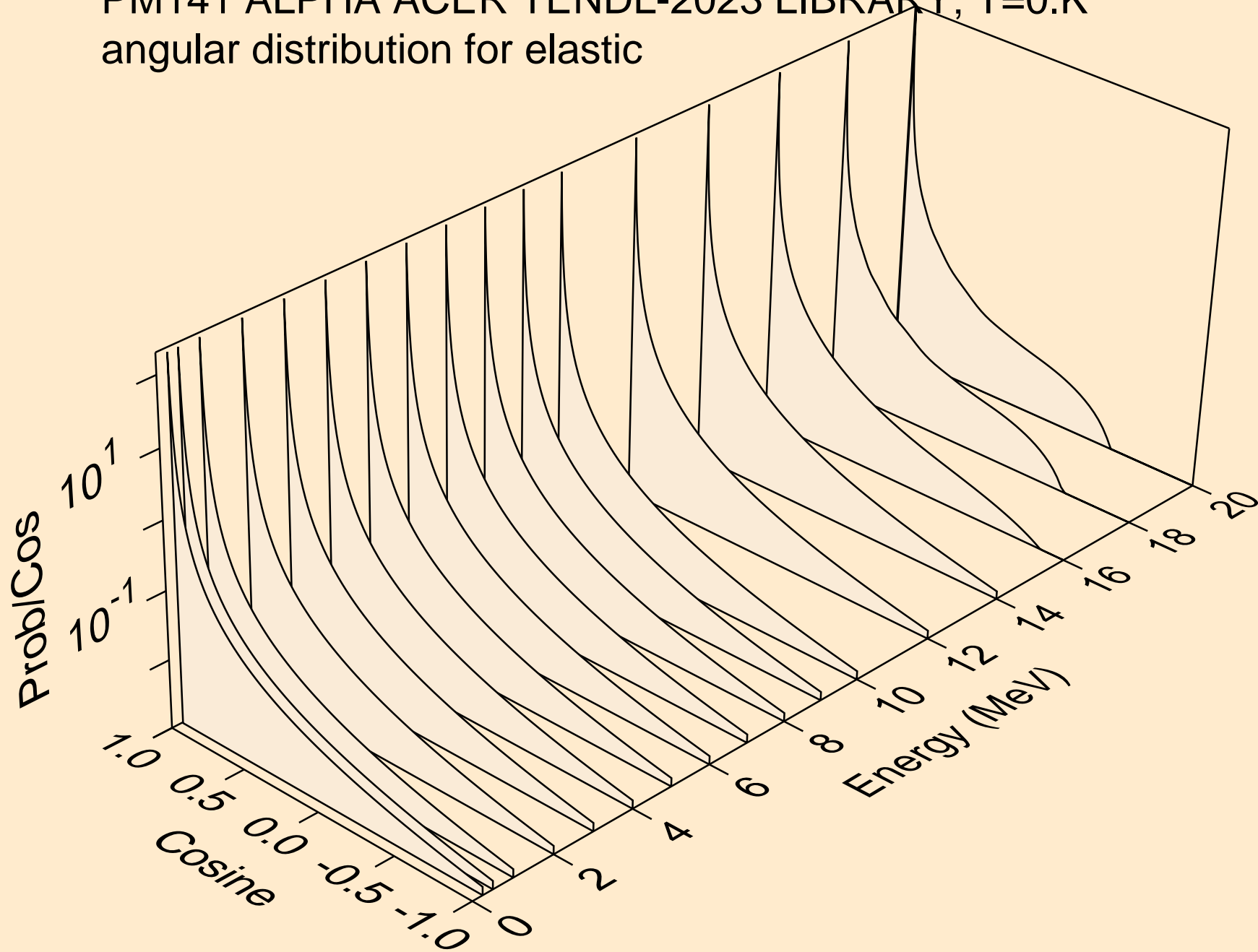
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



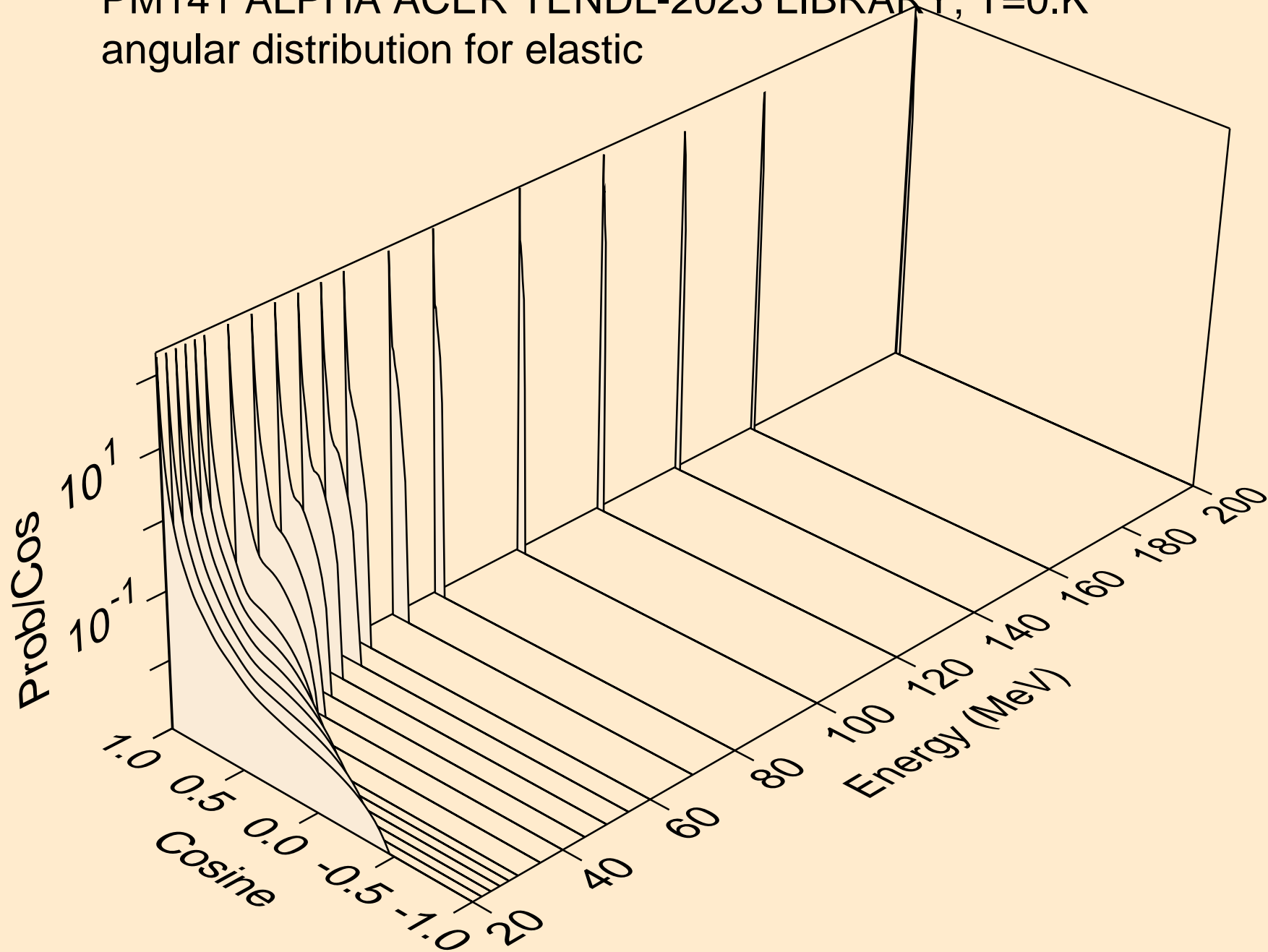
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

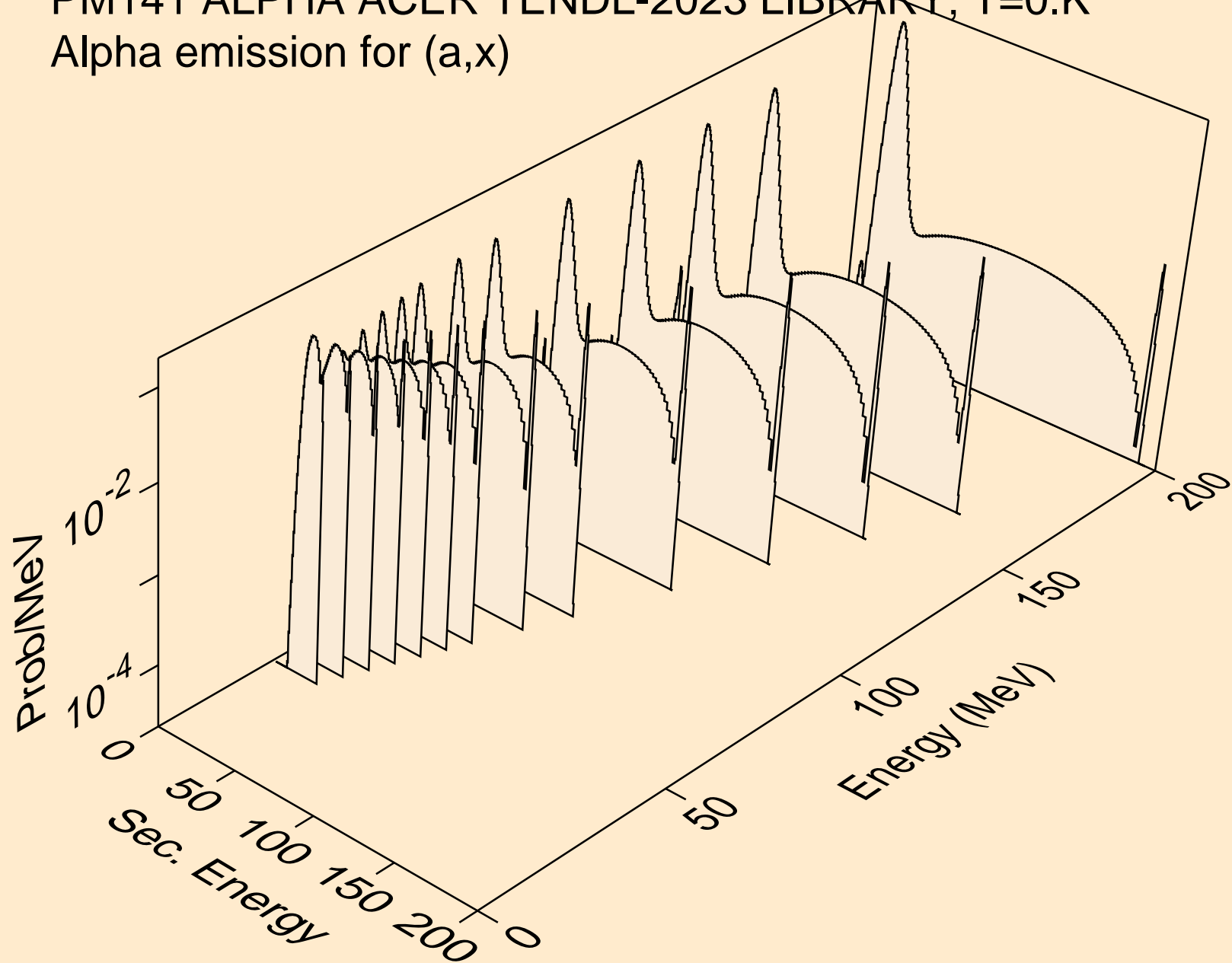


PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

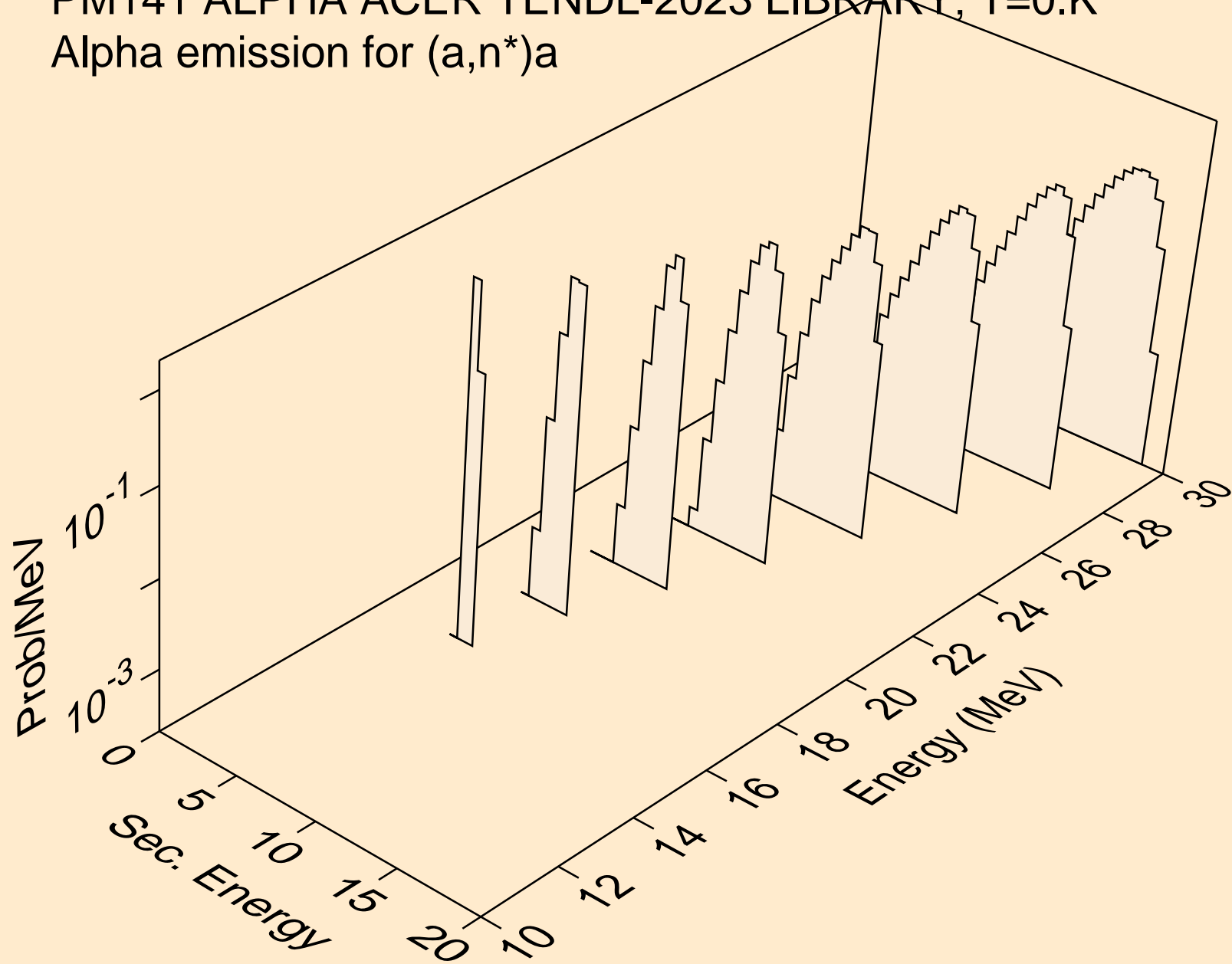




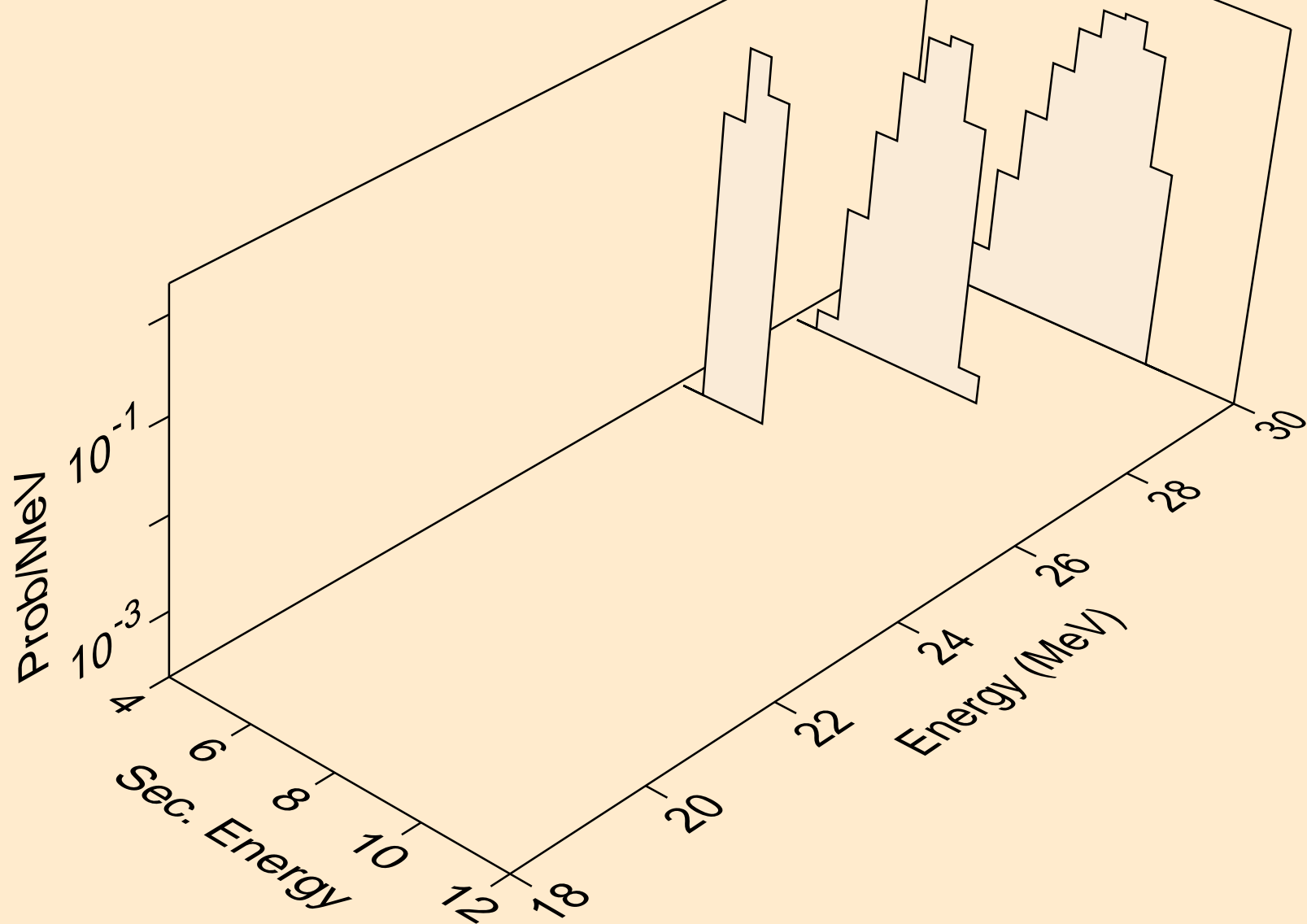
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



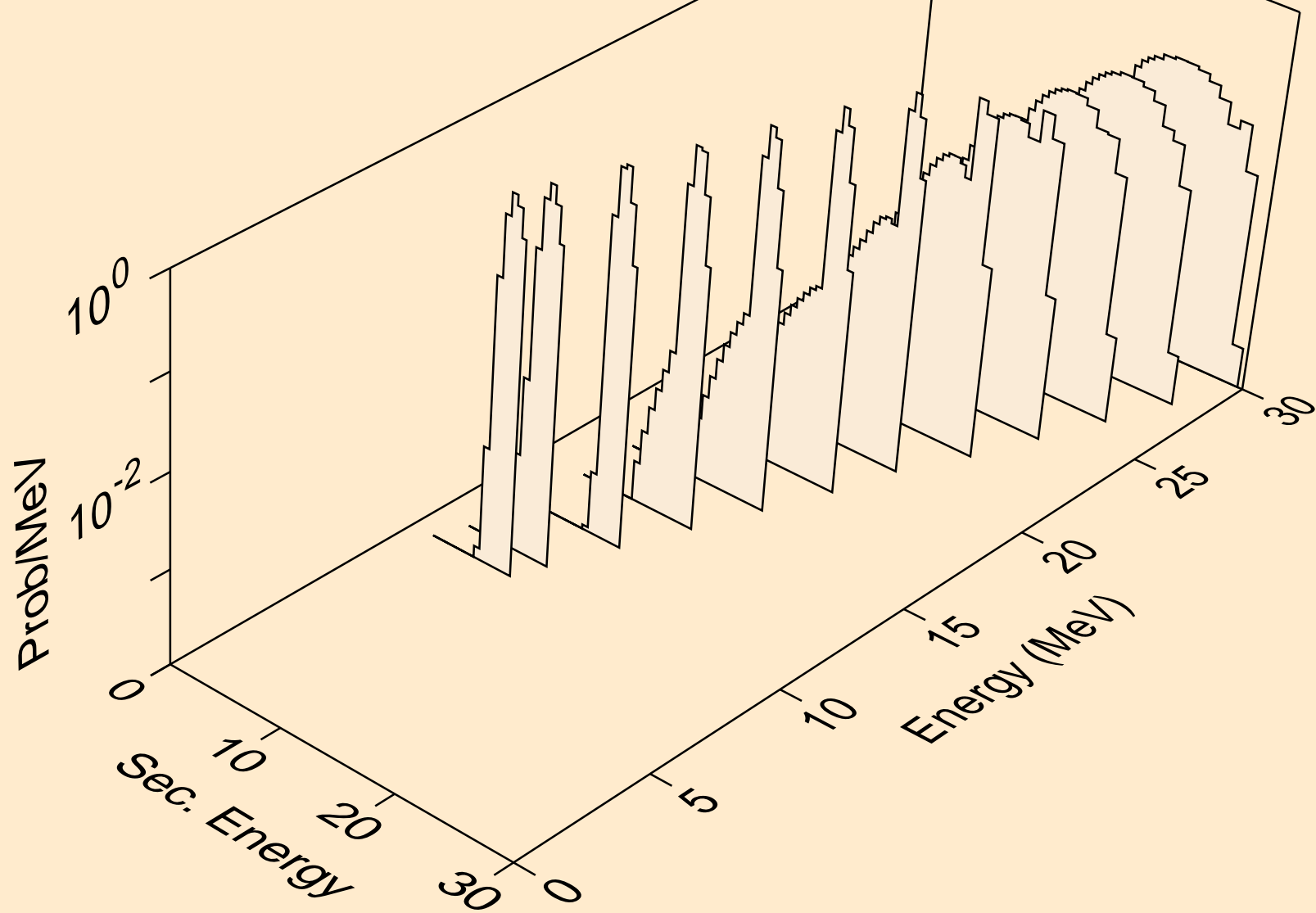
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



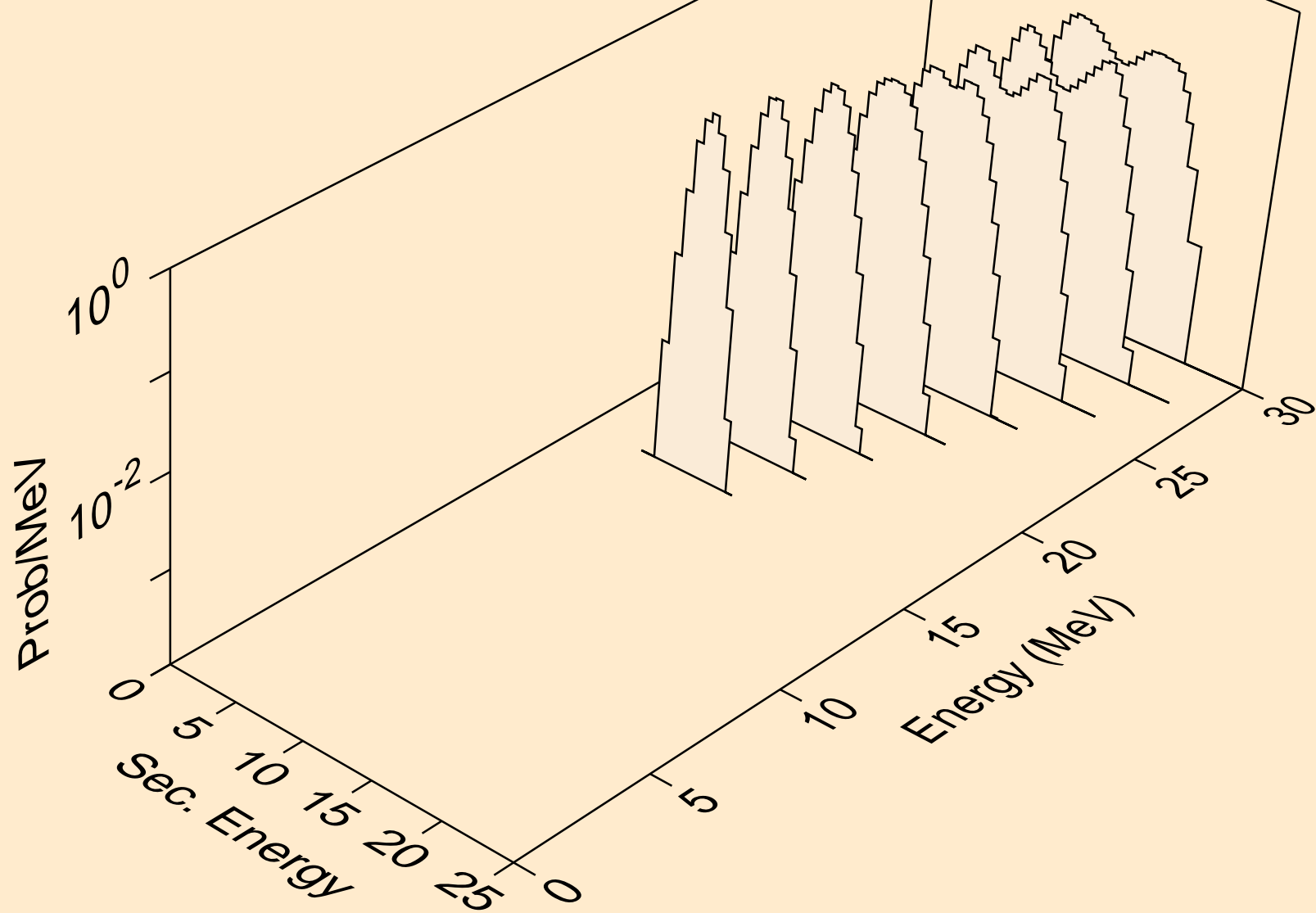
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



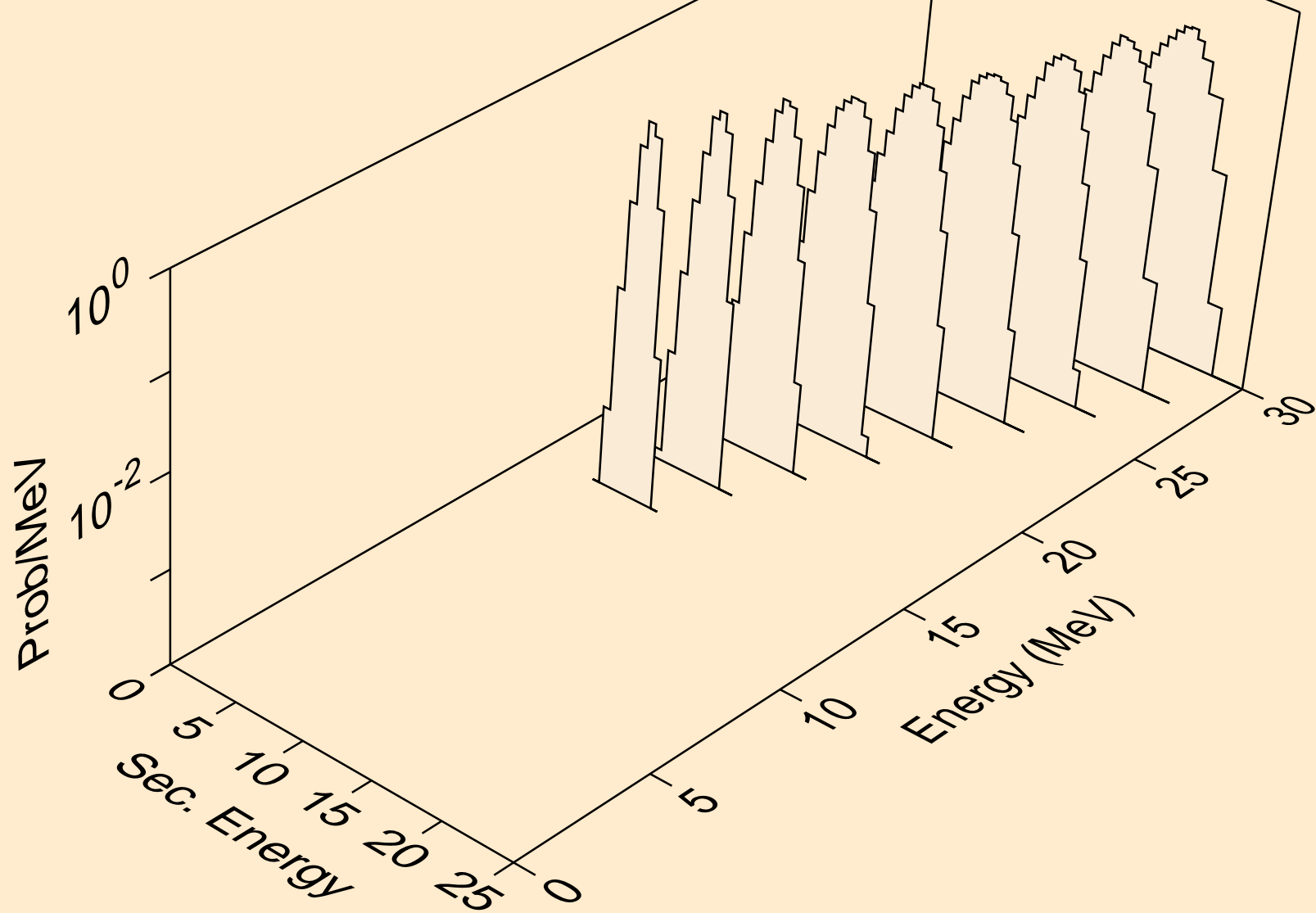
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



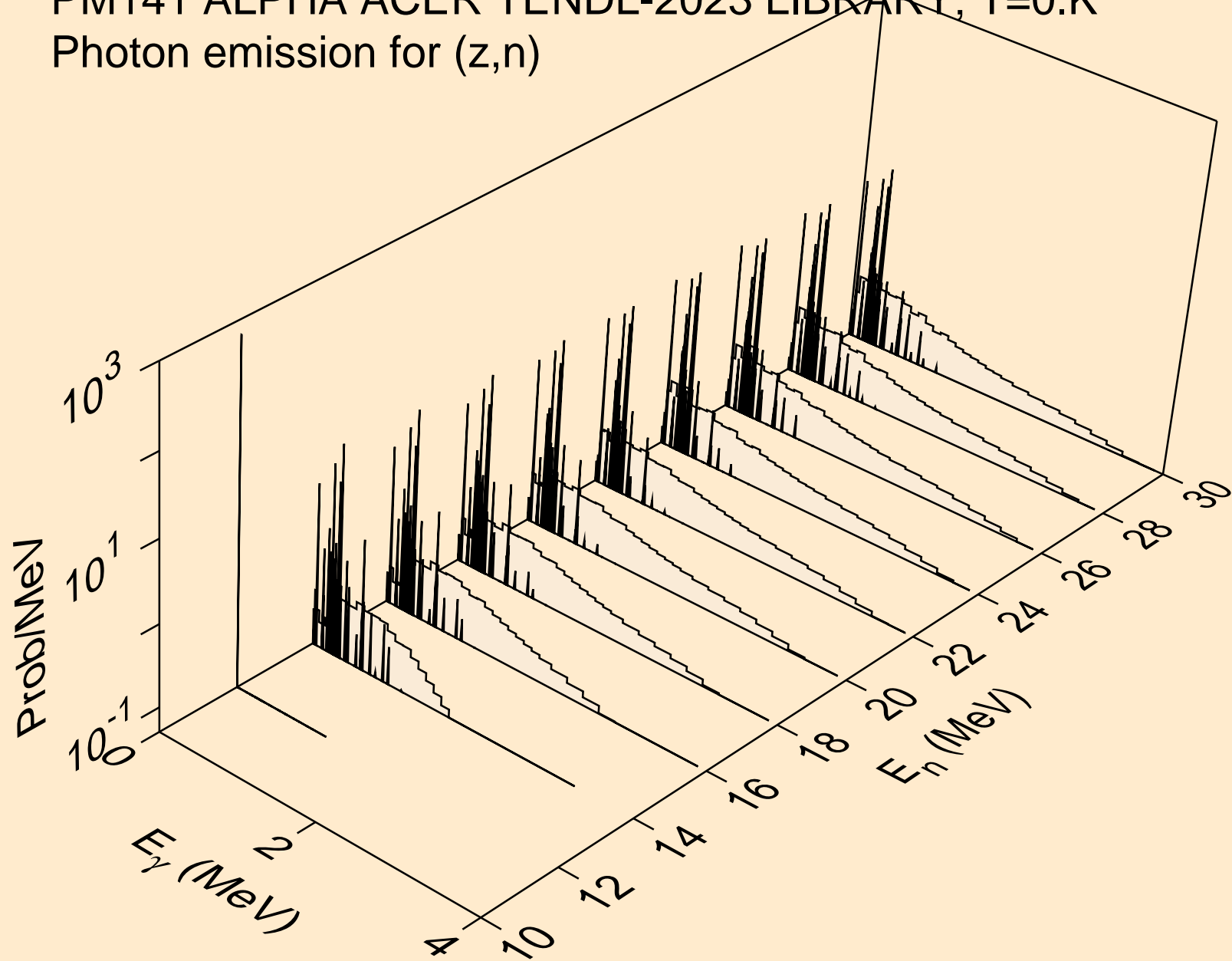
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



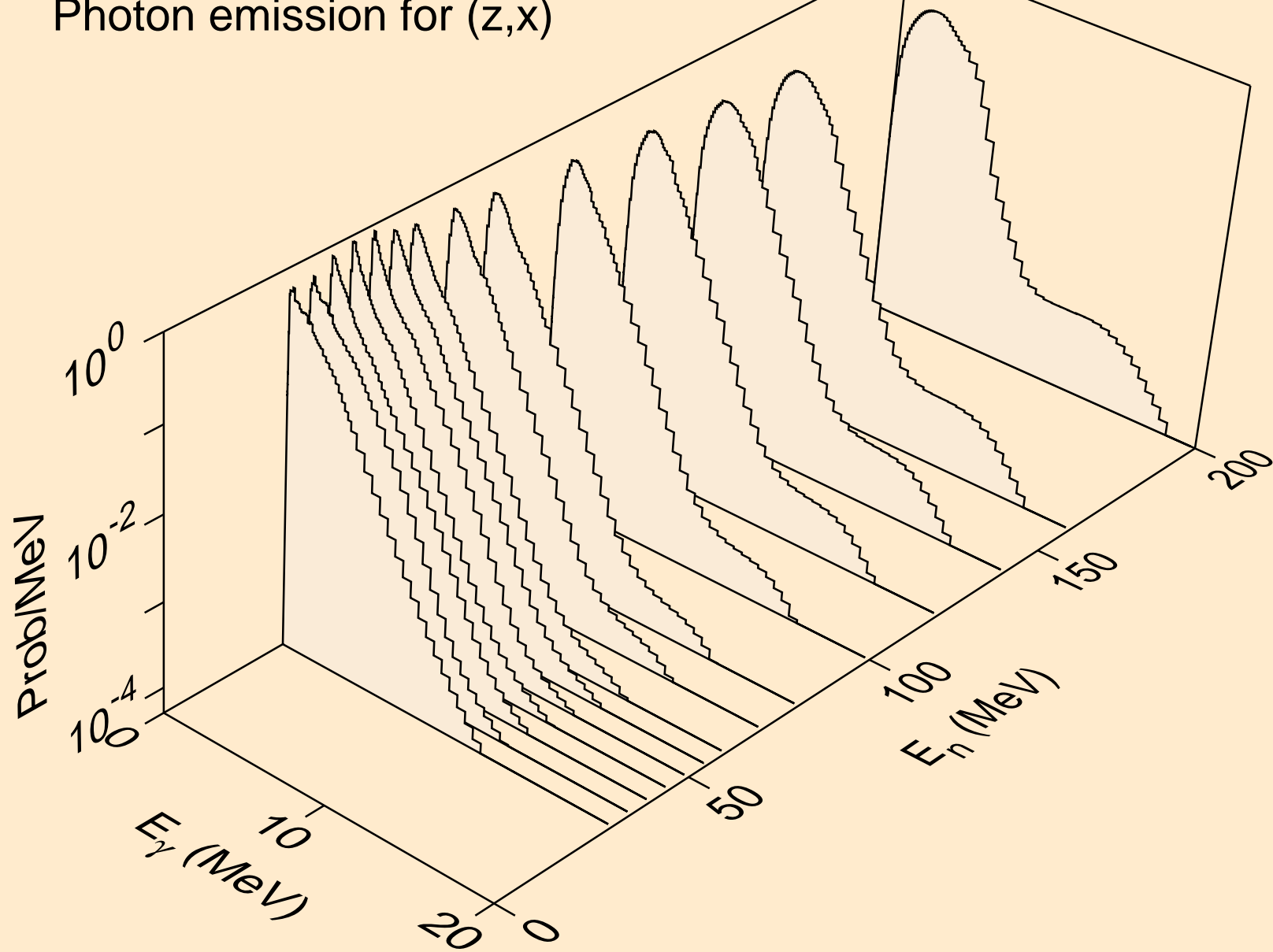
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

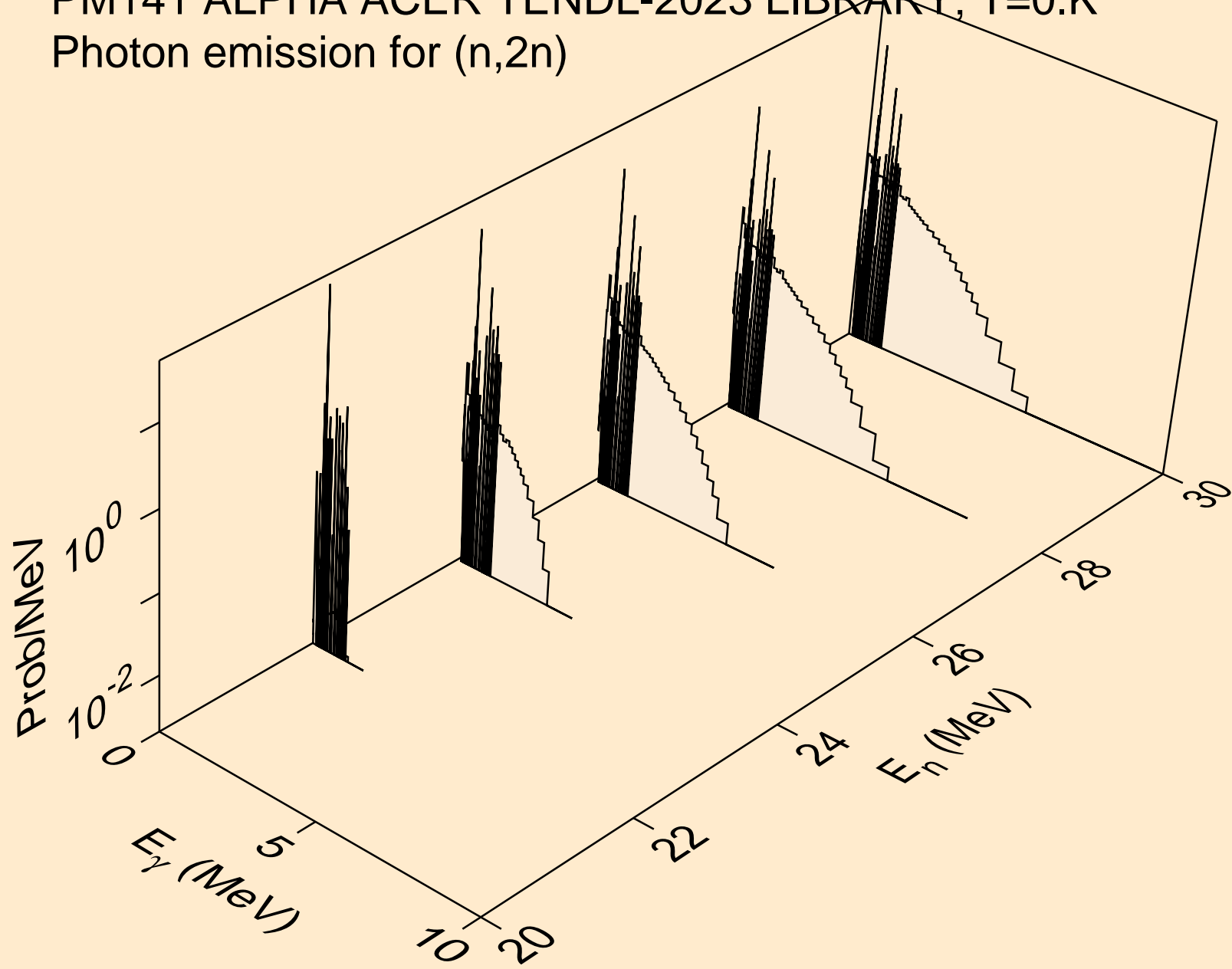


PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

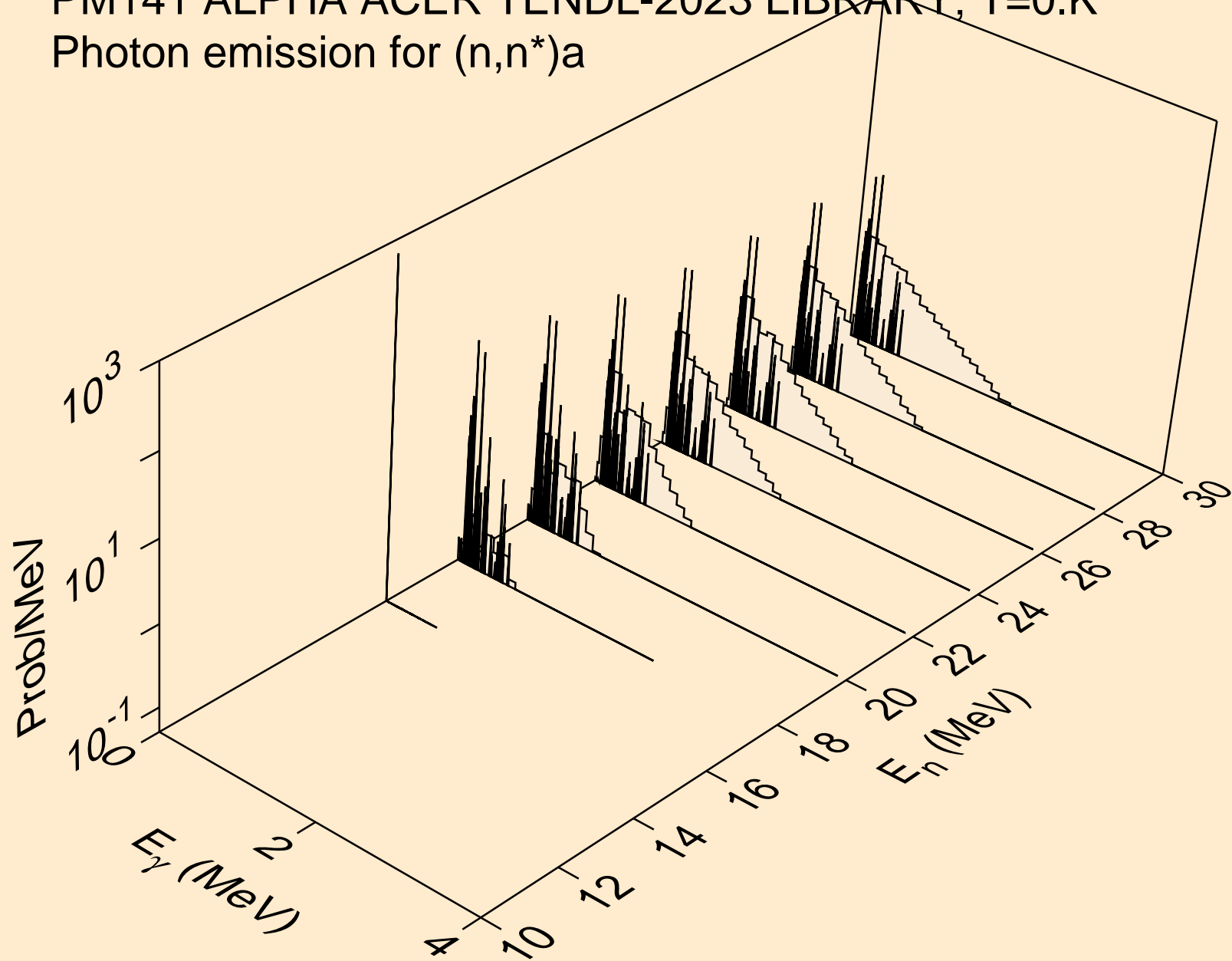




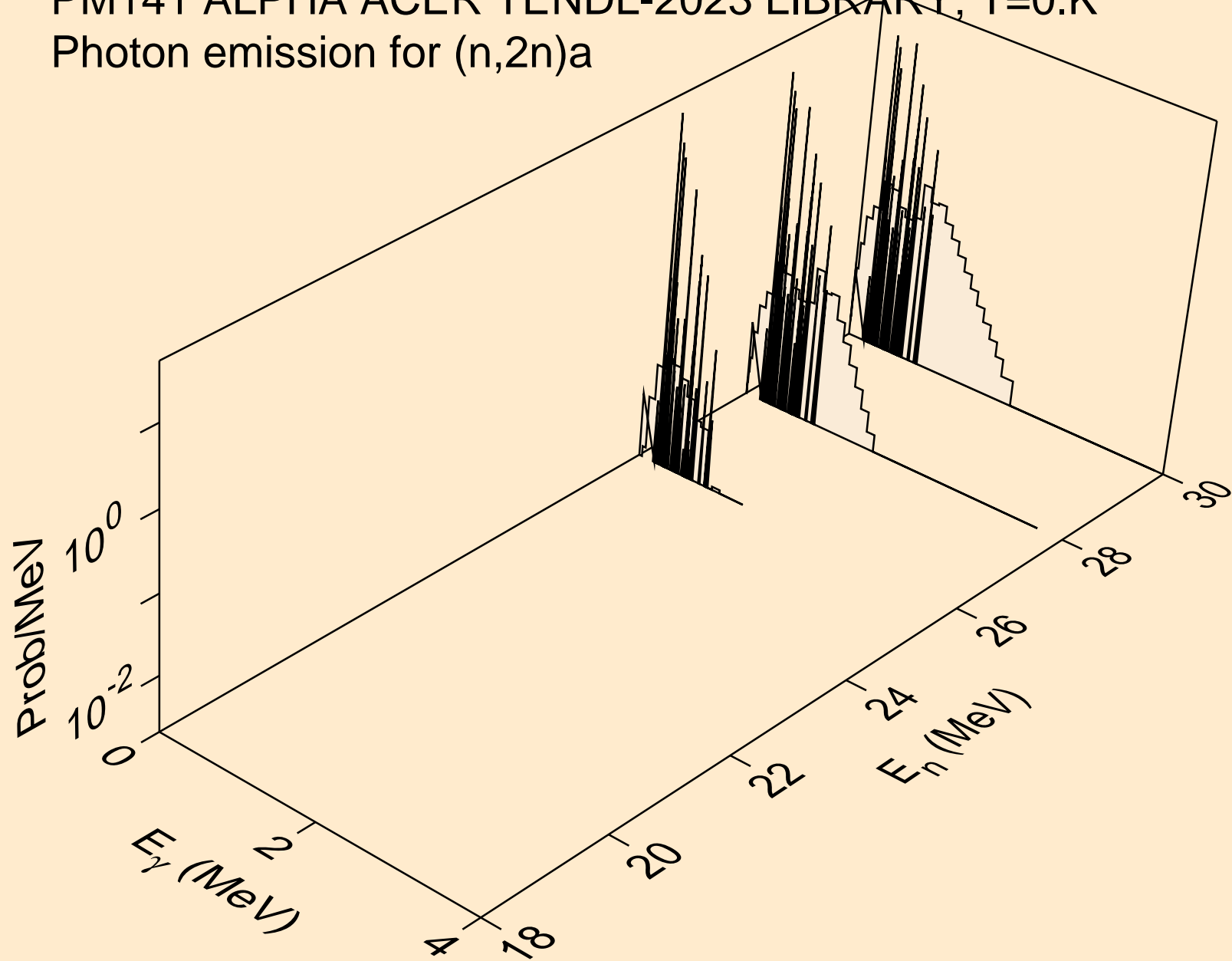
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



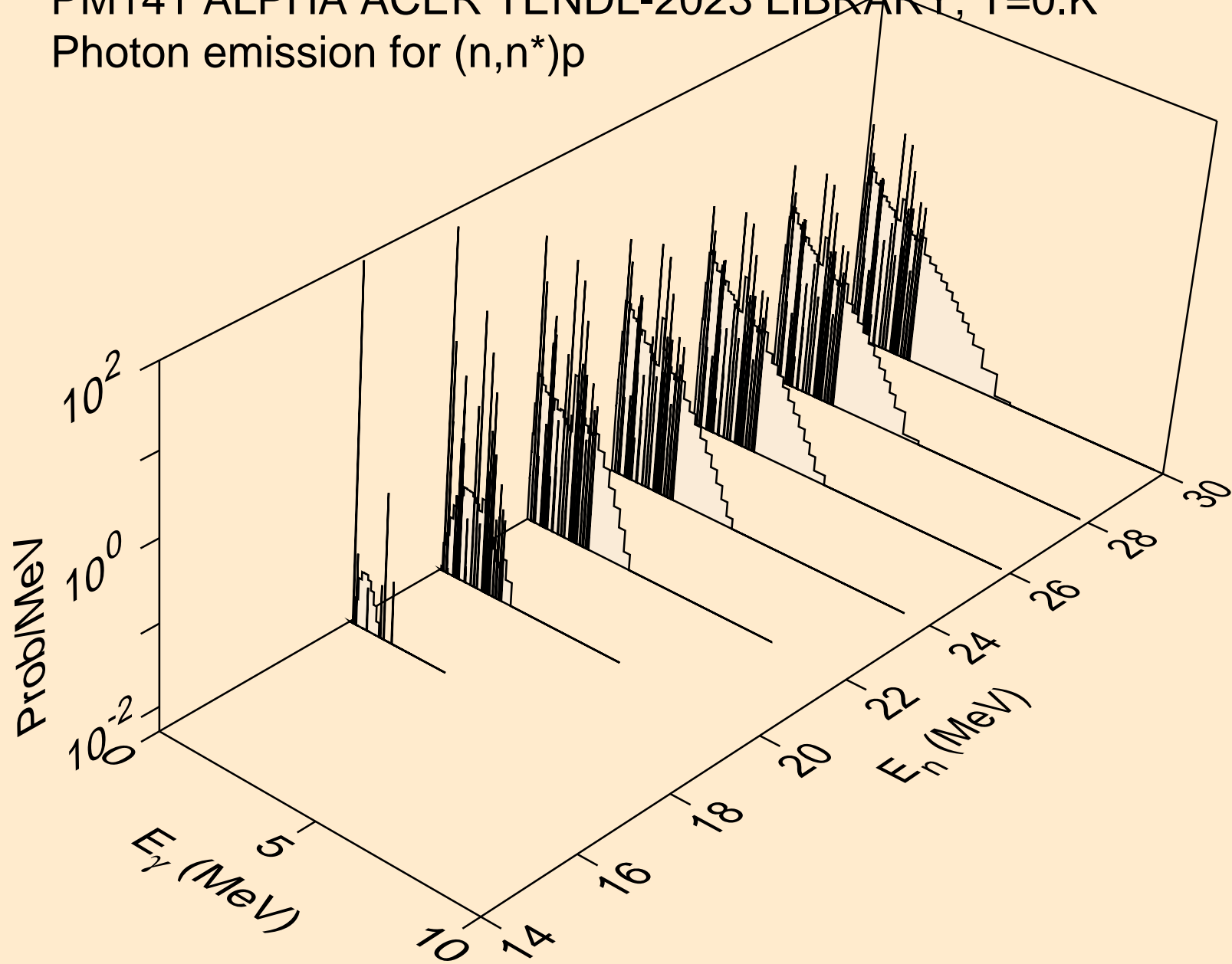
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



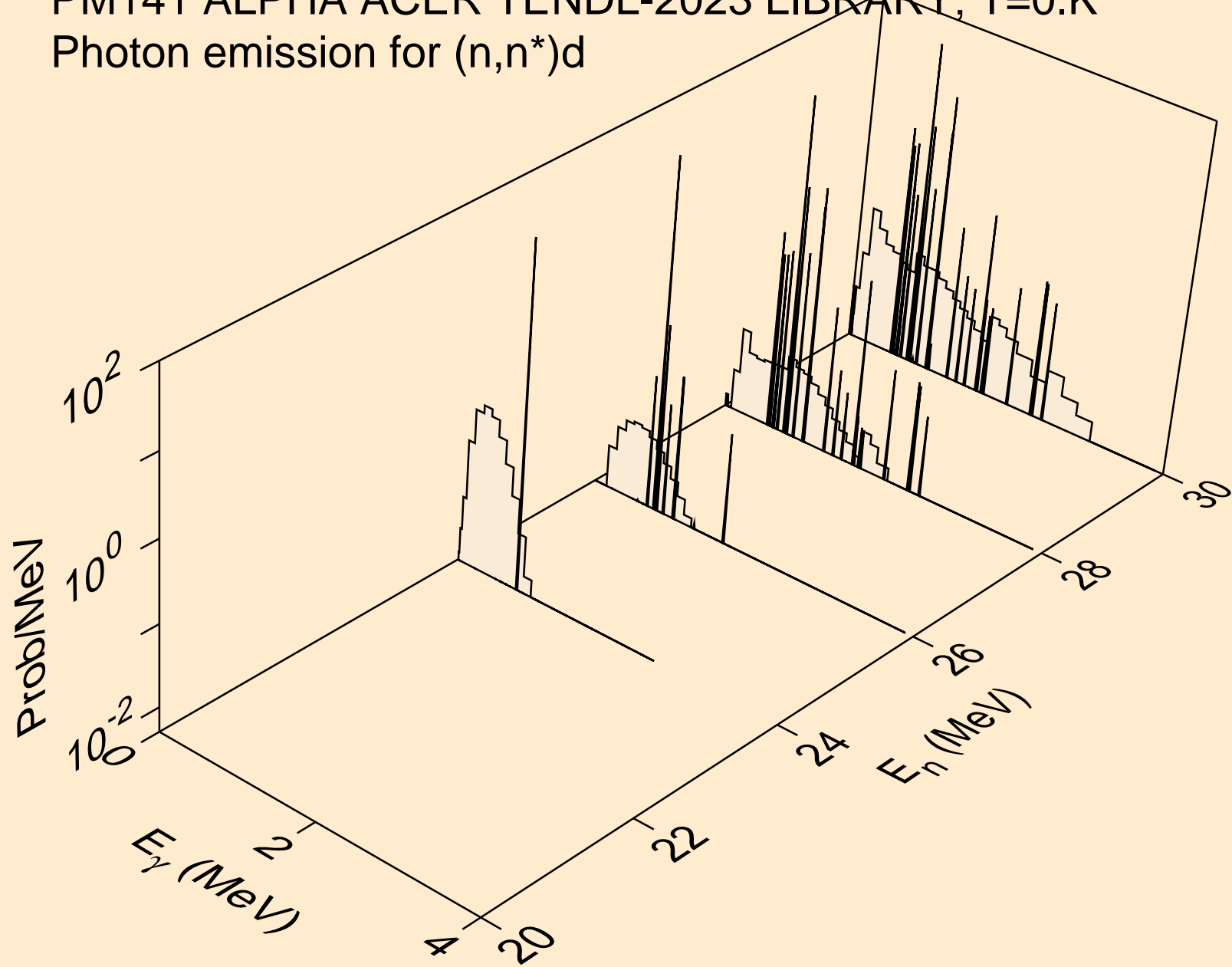
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



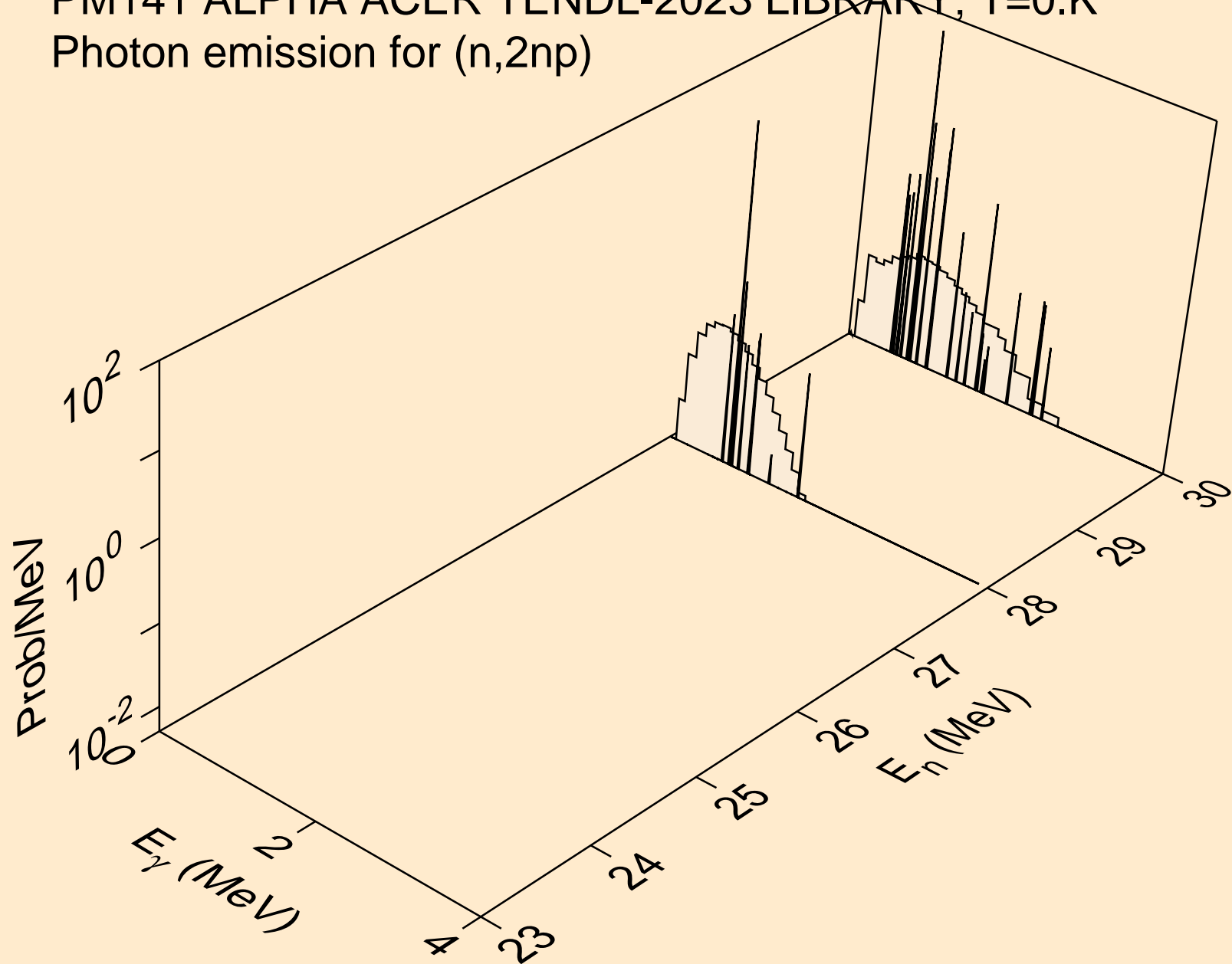
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



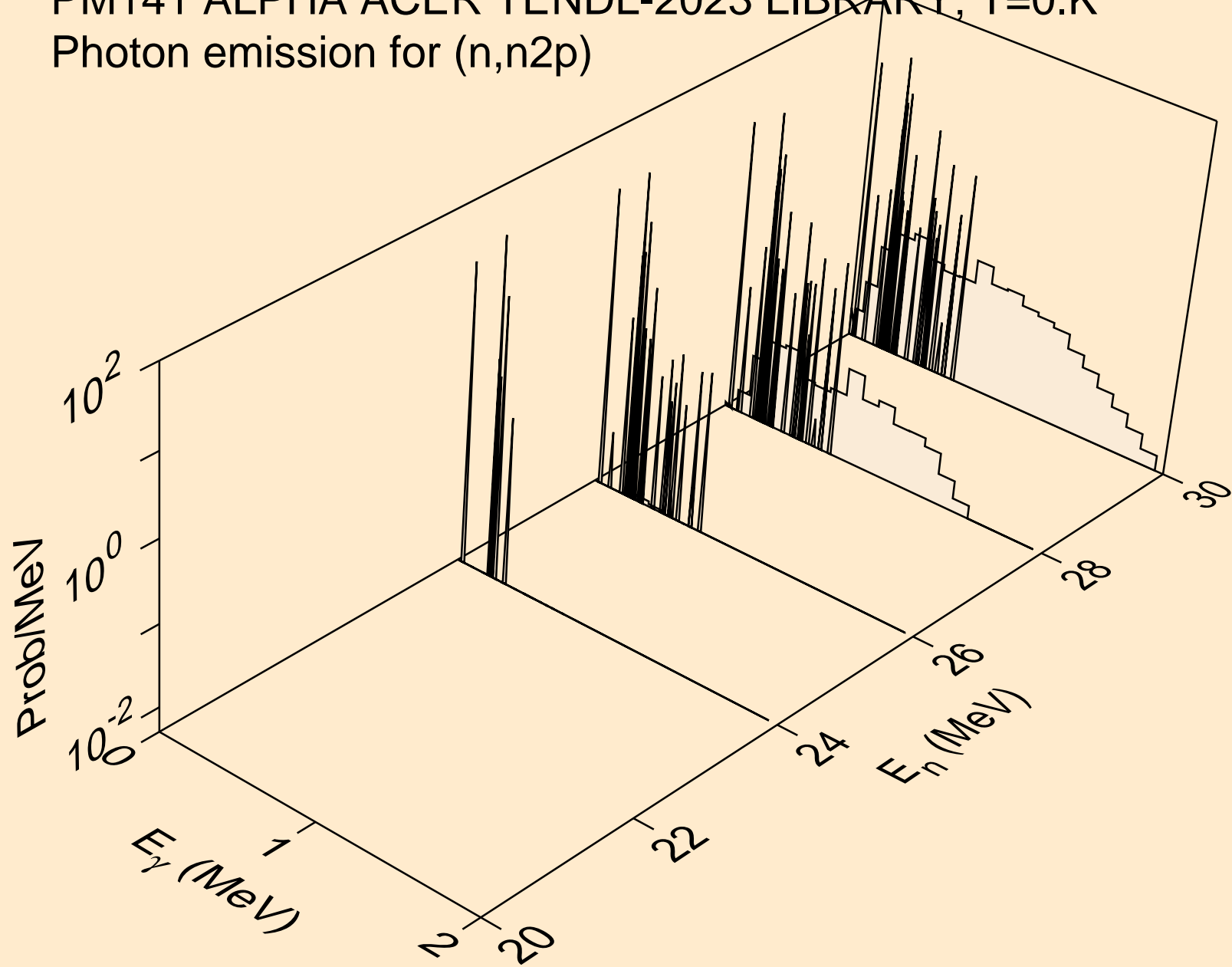
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



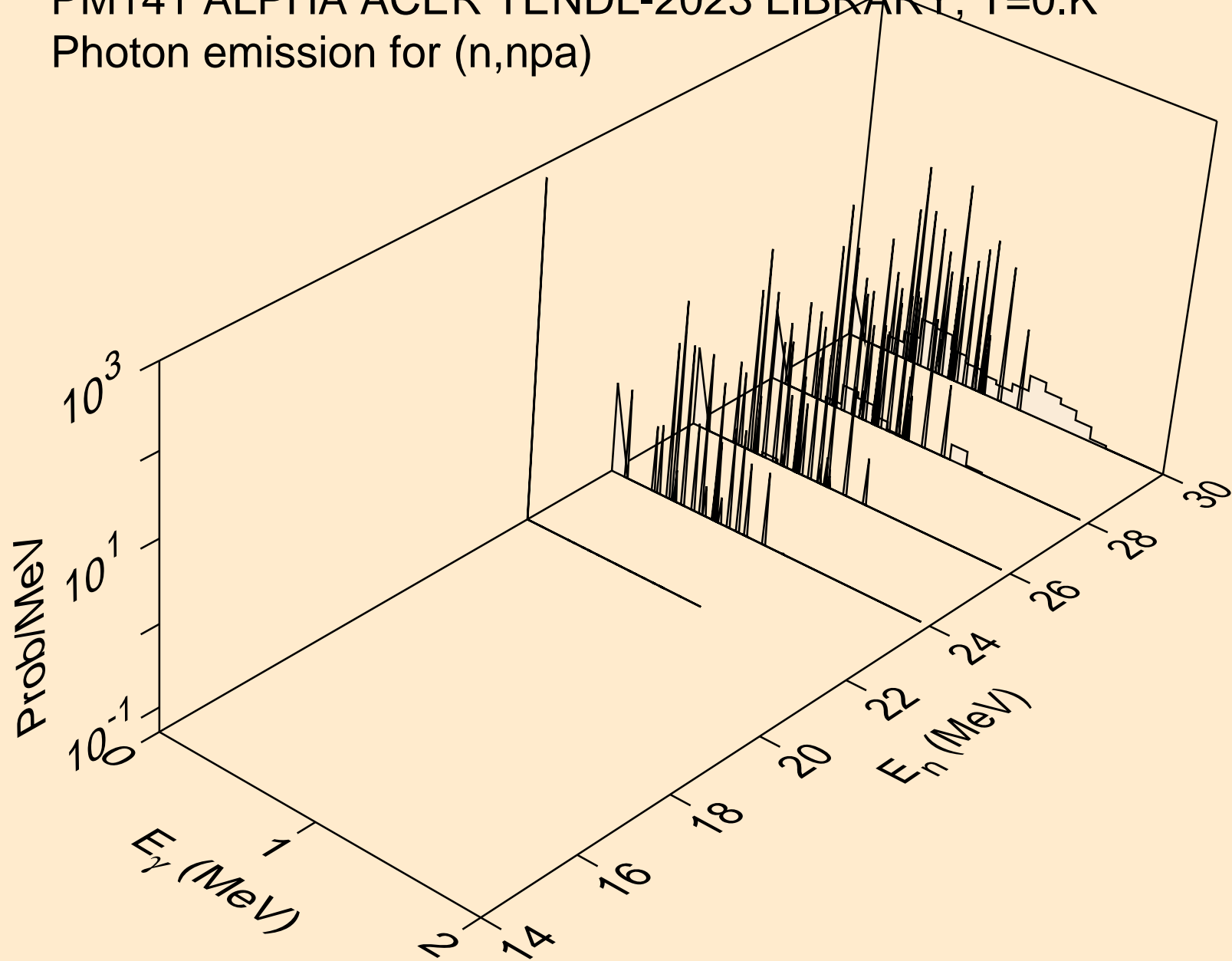
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

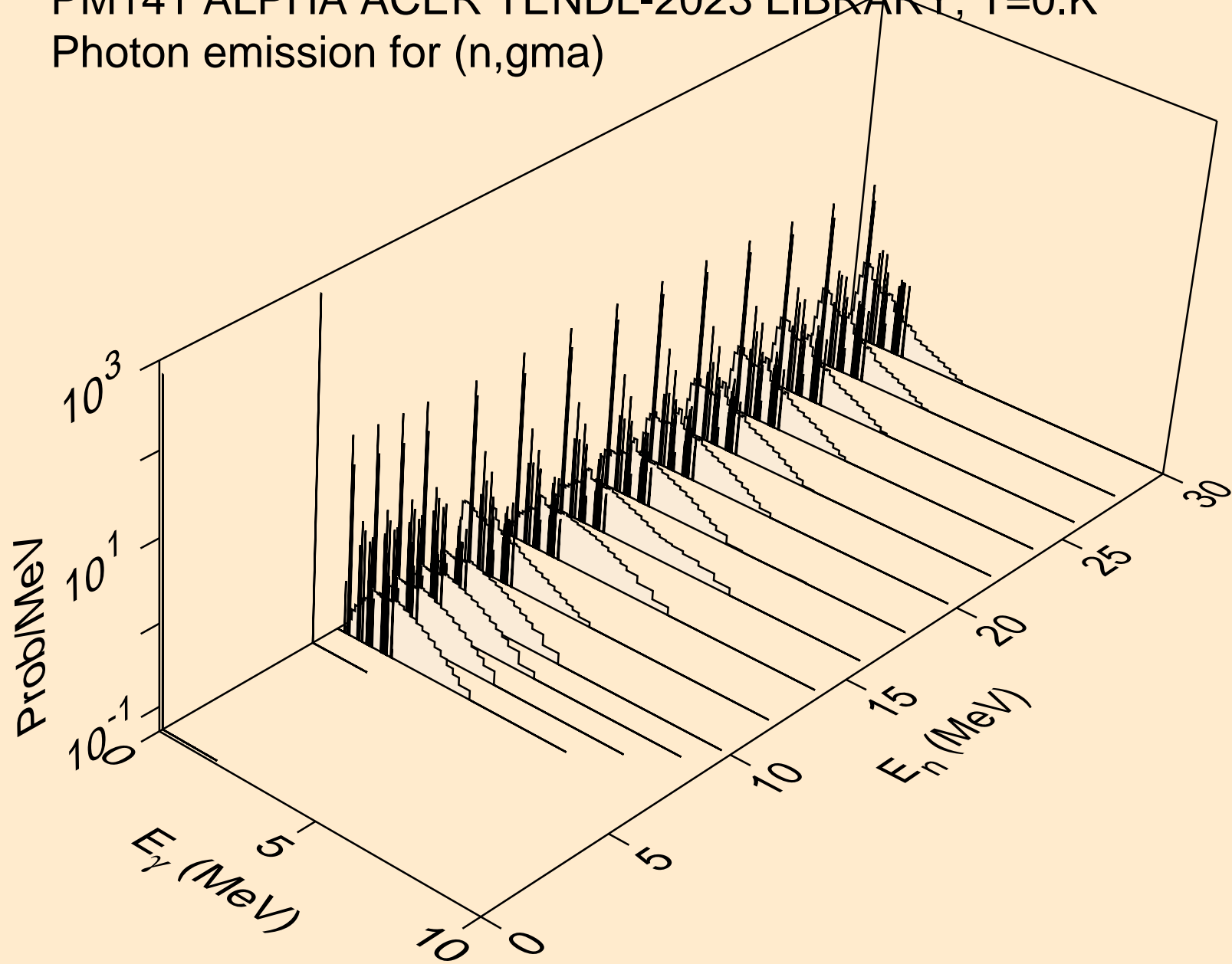


PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

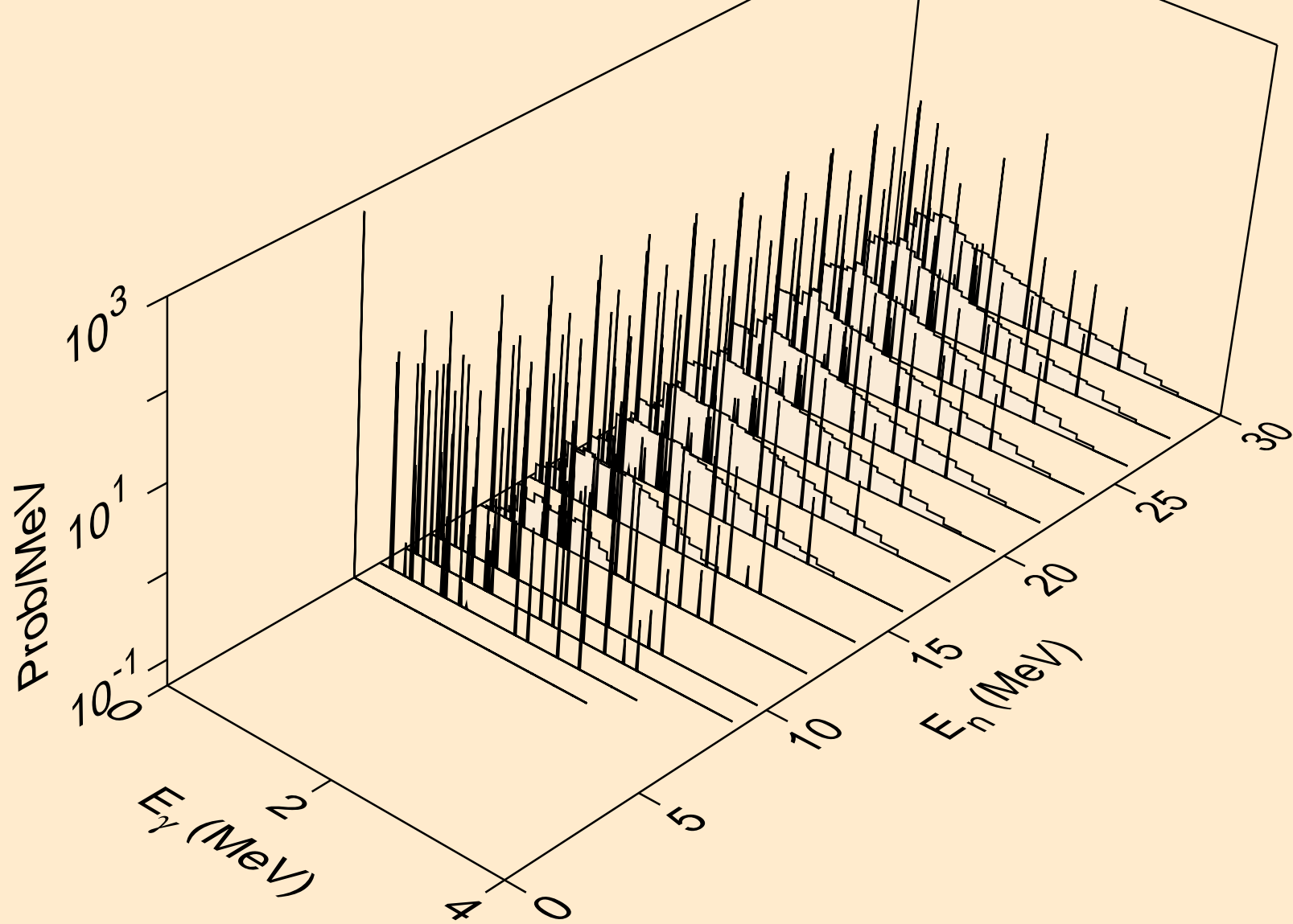




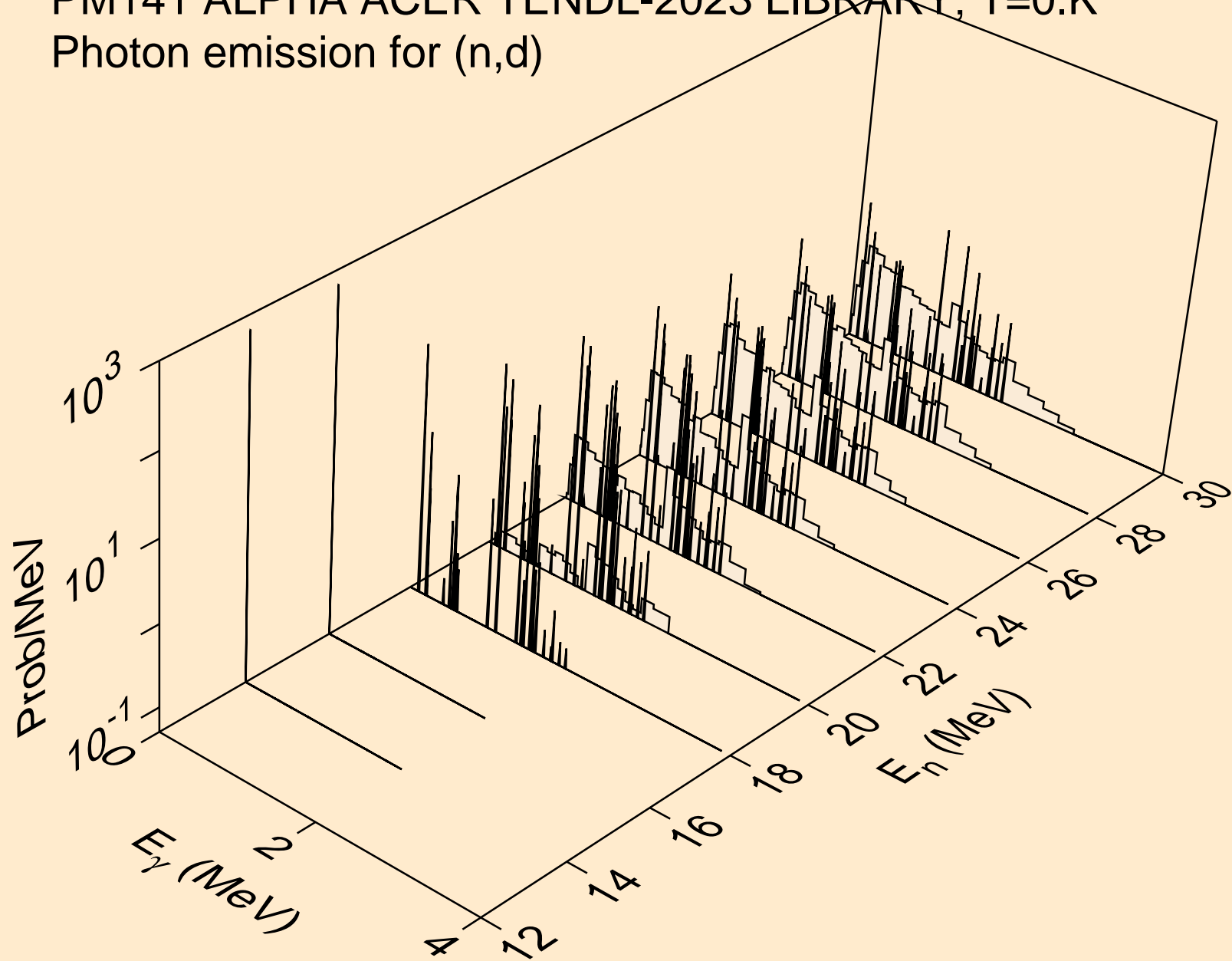
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Photon emission for (n,gma)



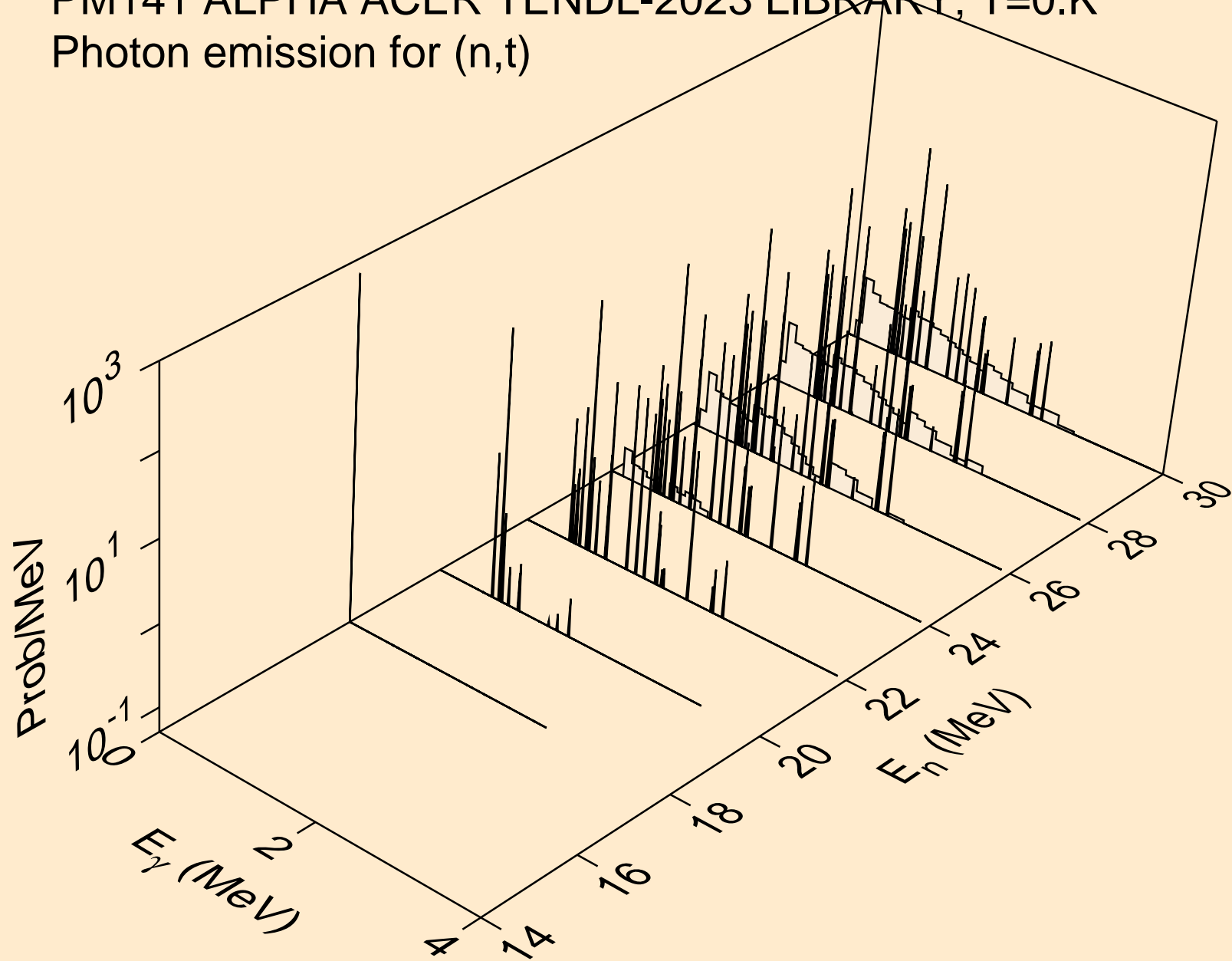
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



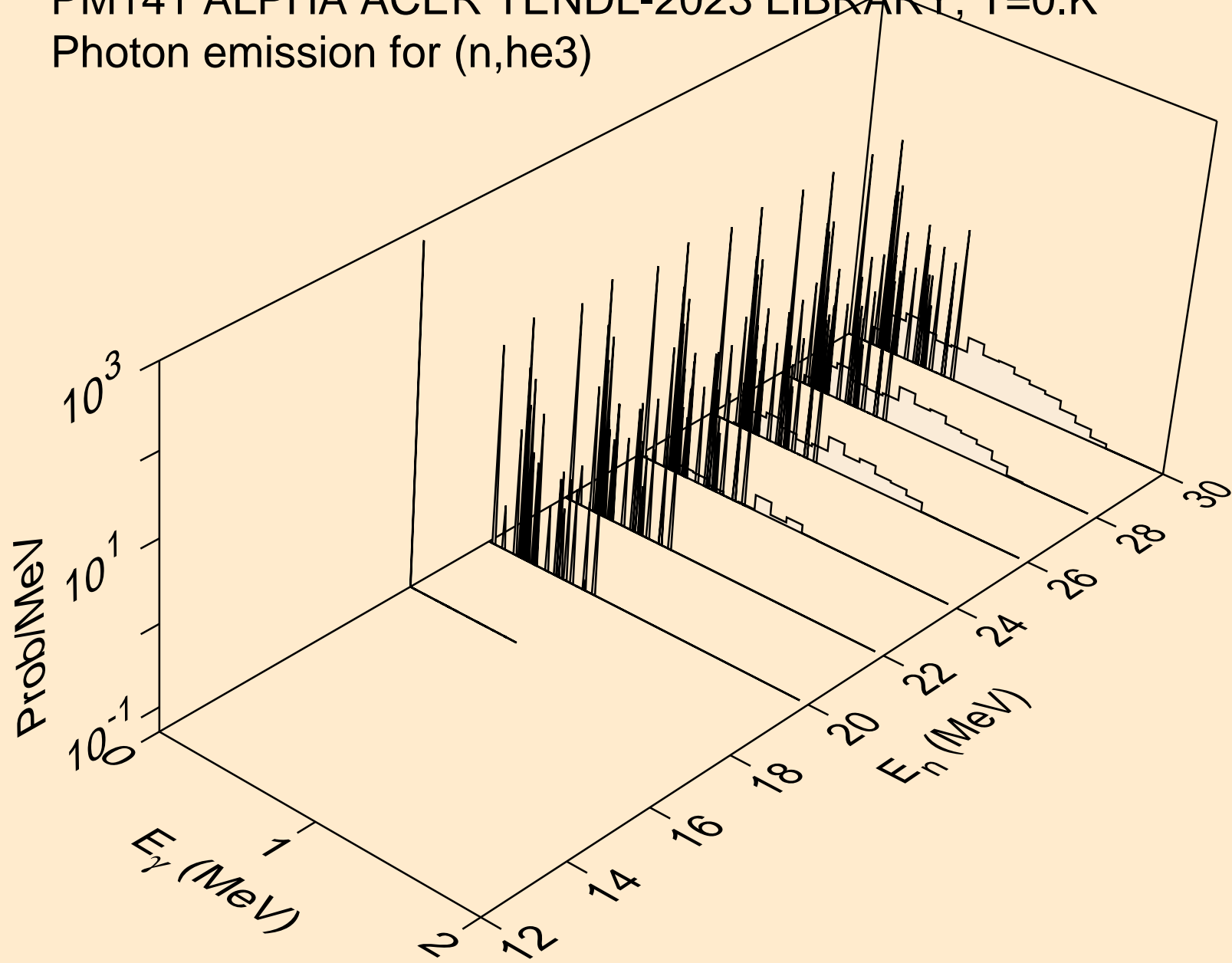
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



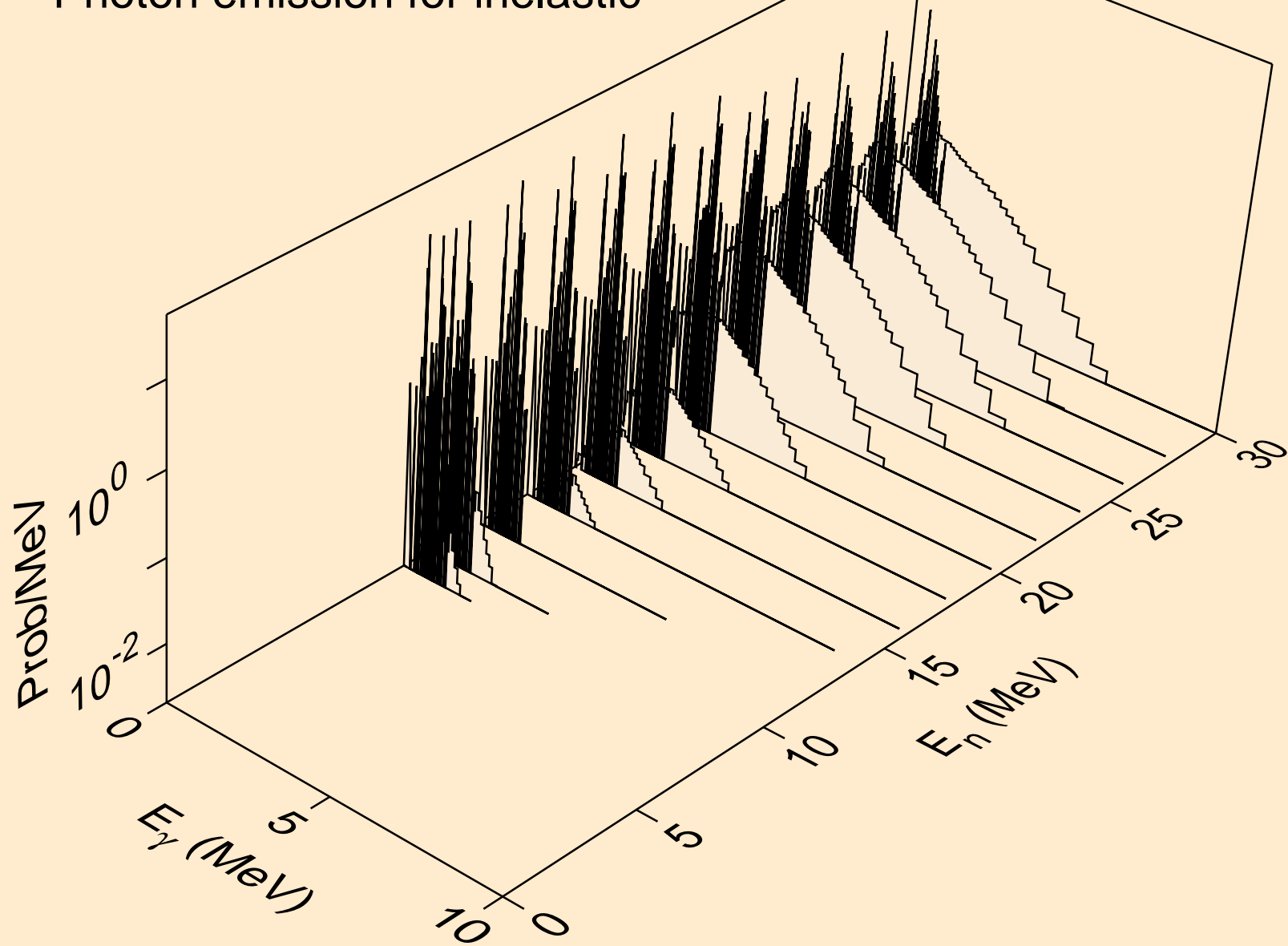
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



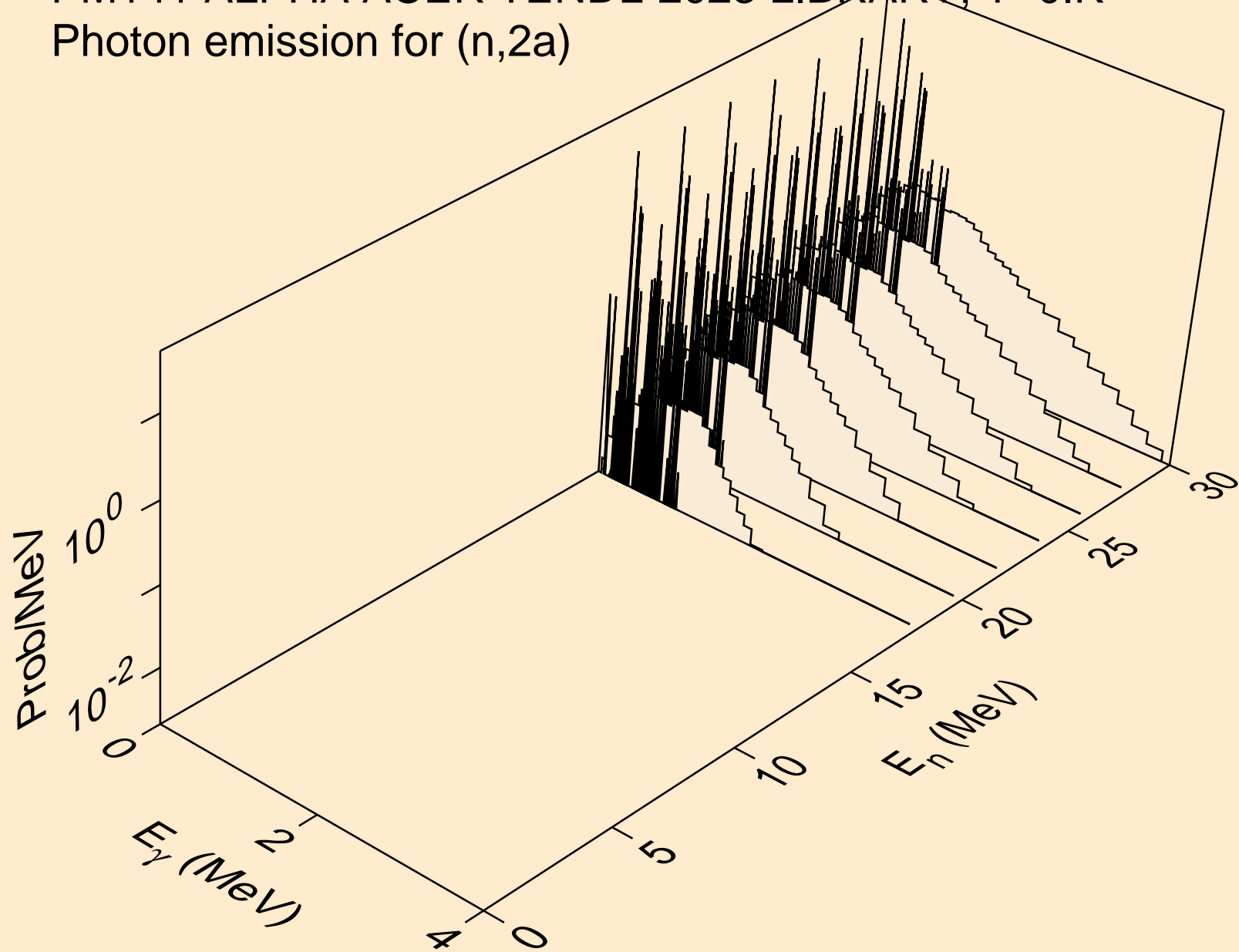
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



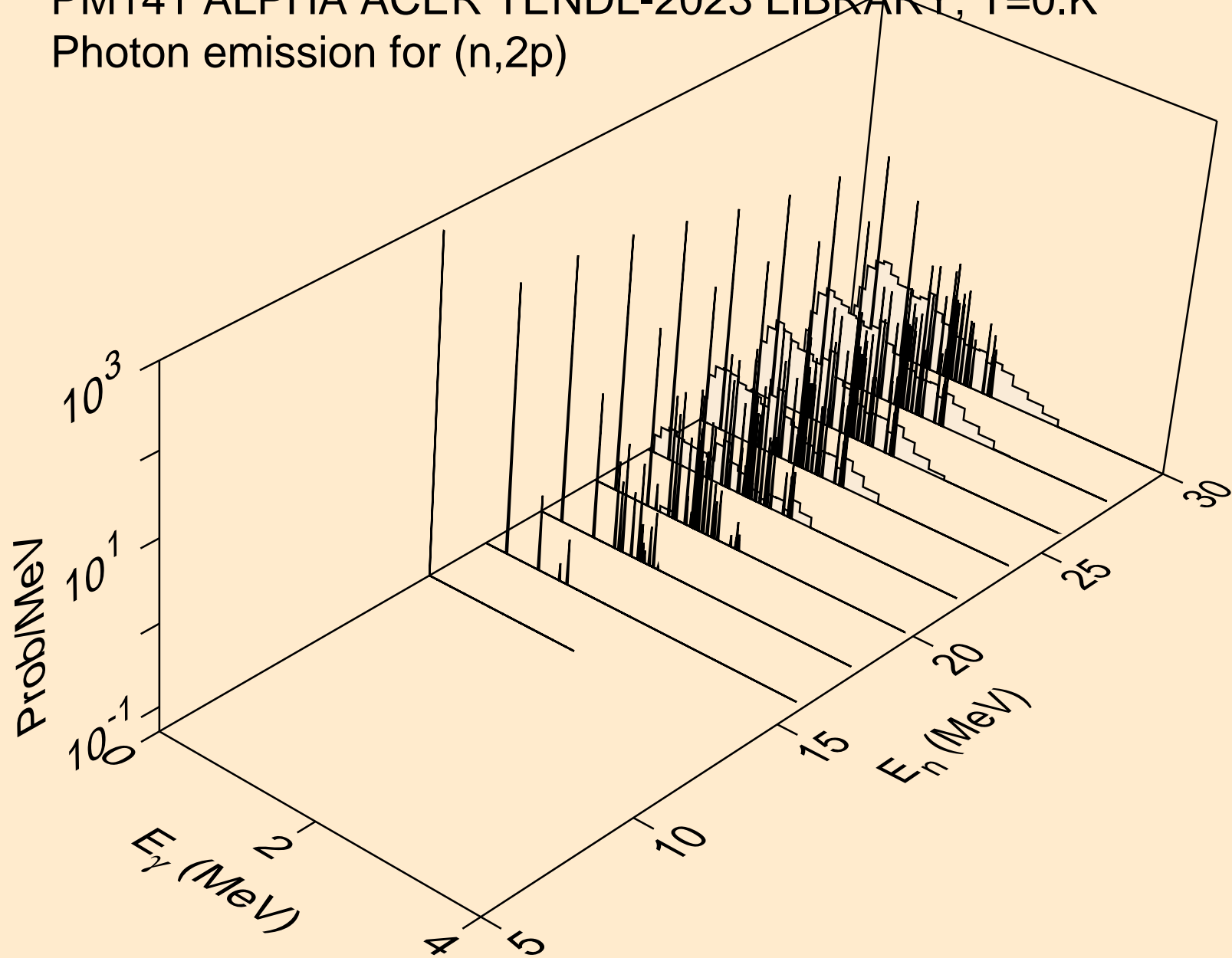
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

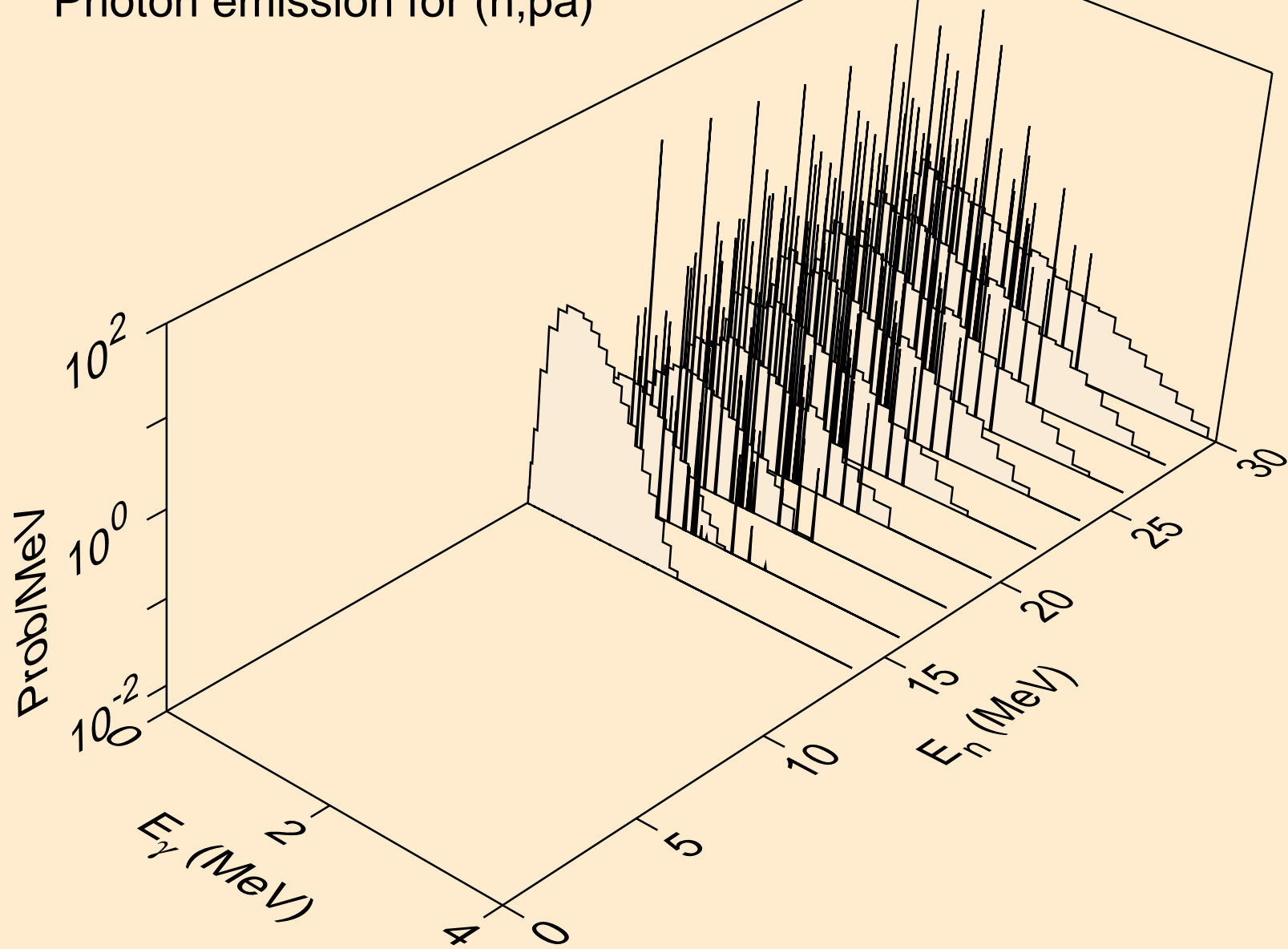


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Photon emission for (n,2p)

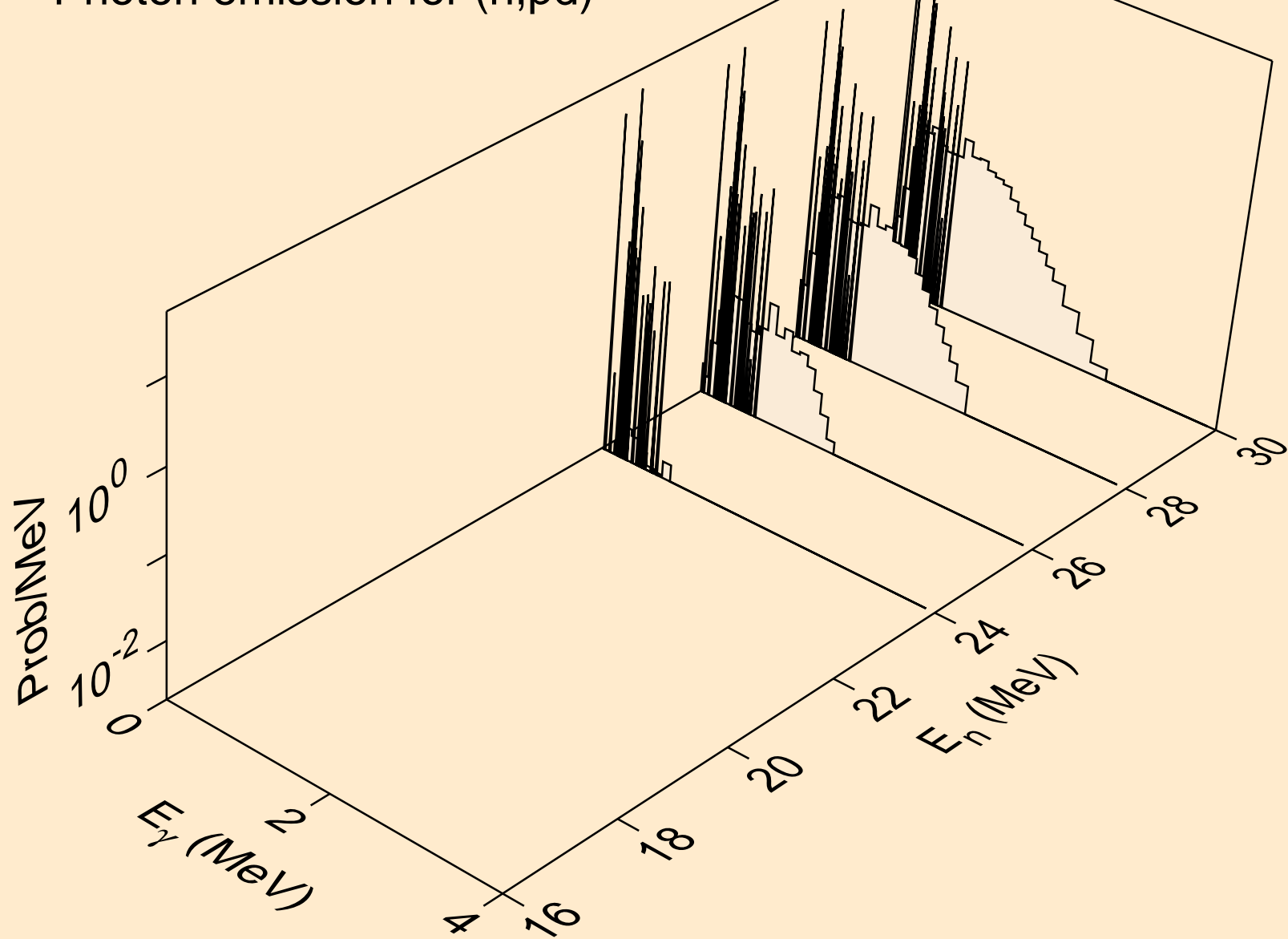




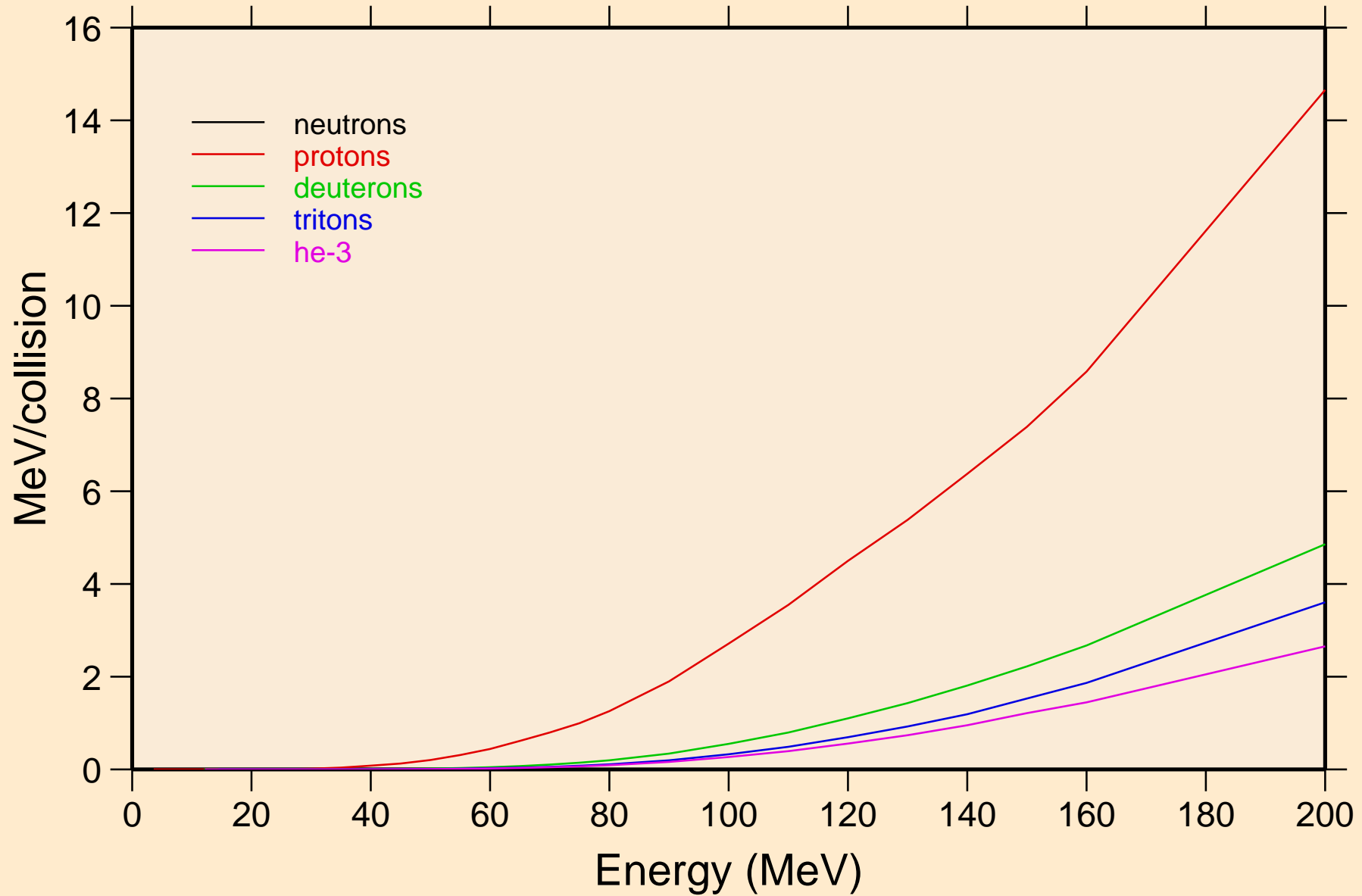
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Photon emission for (n,pa)



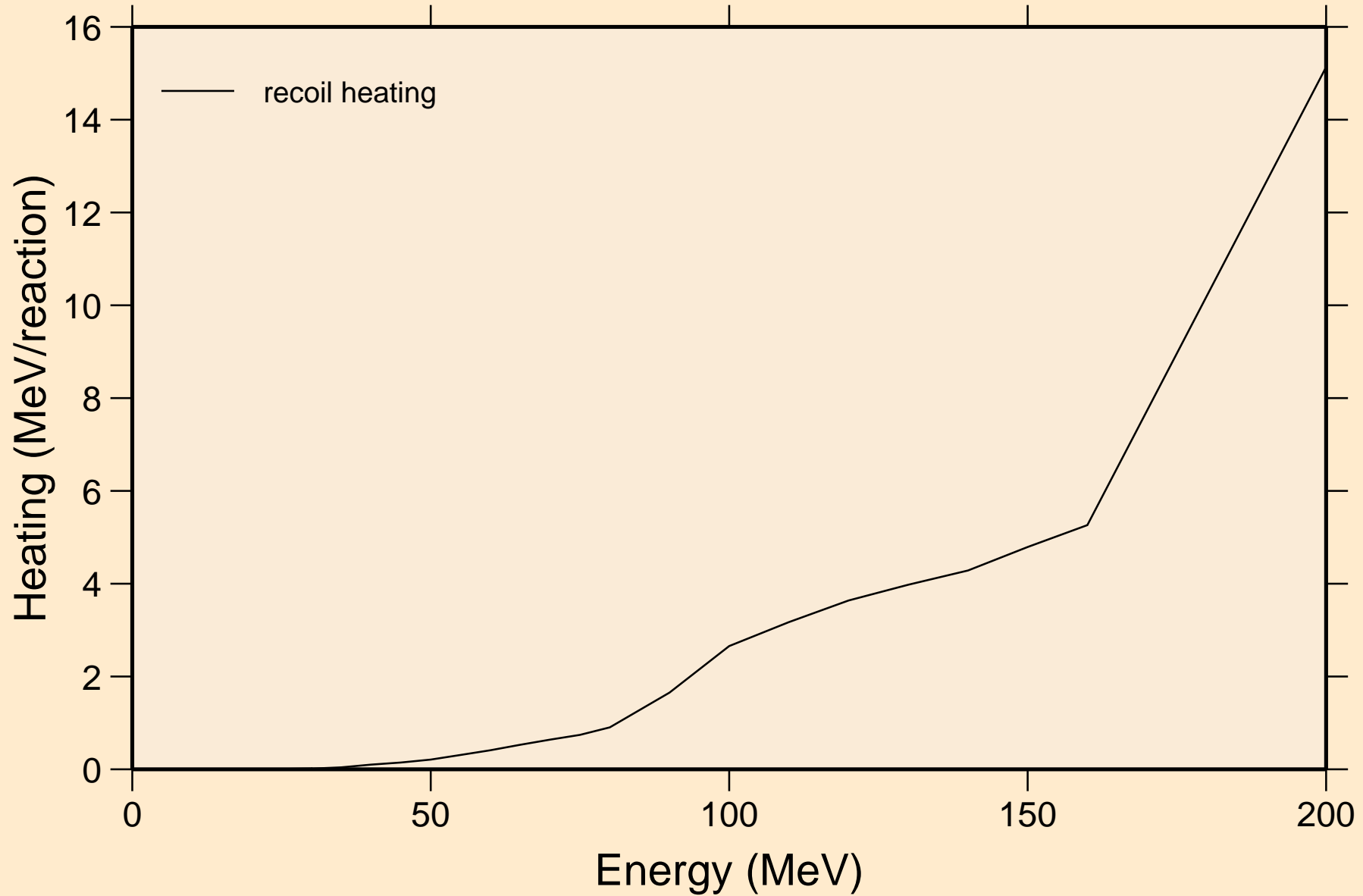
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



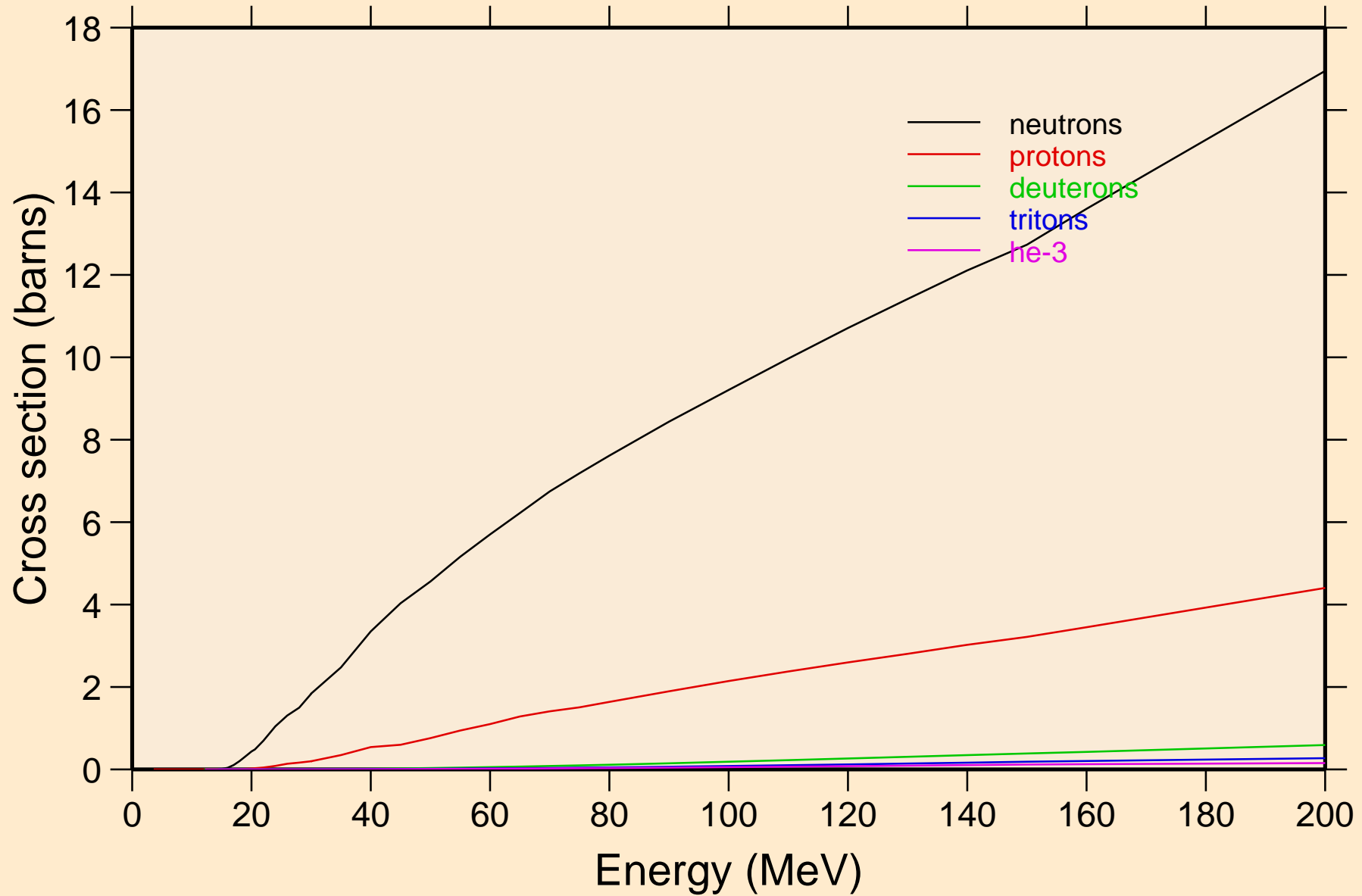
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



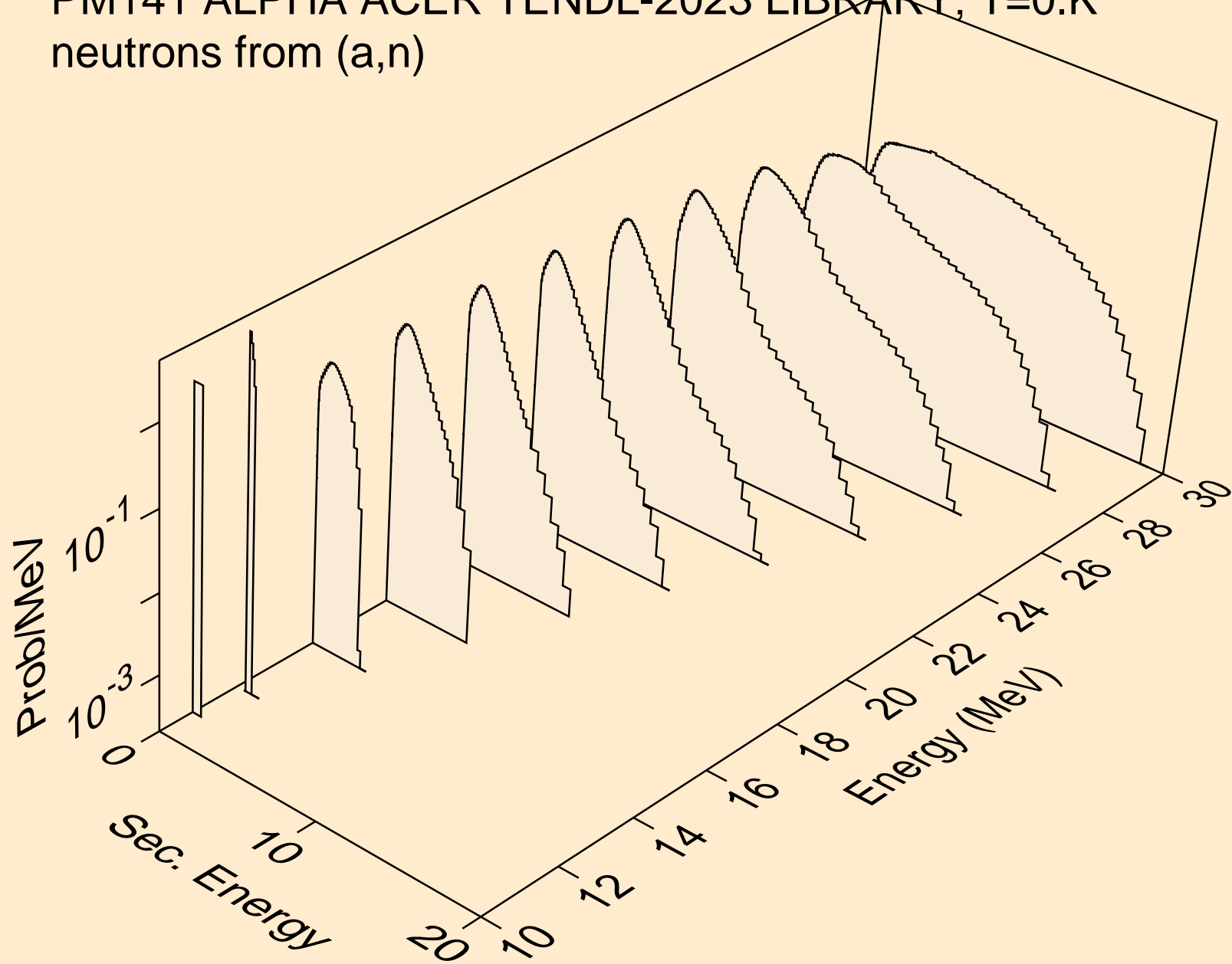
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



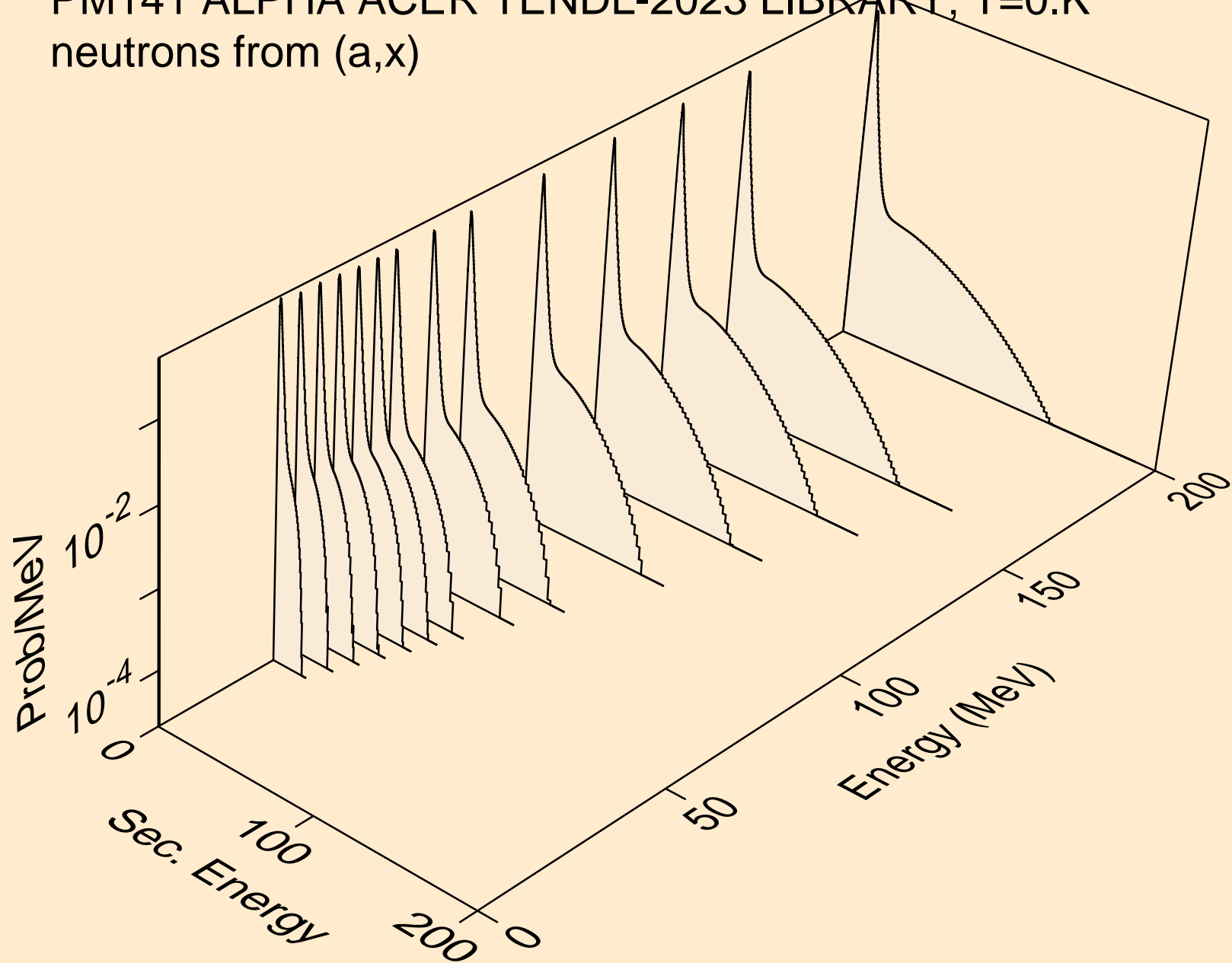
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



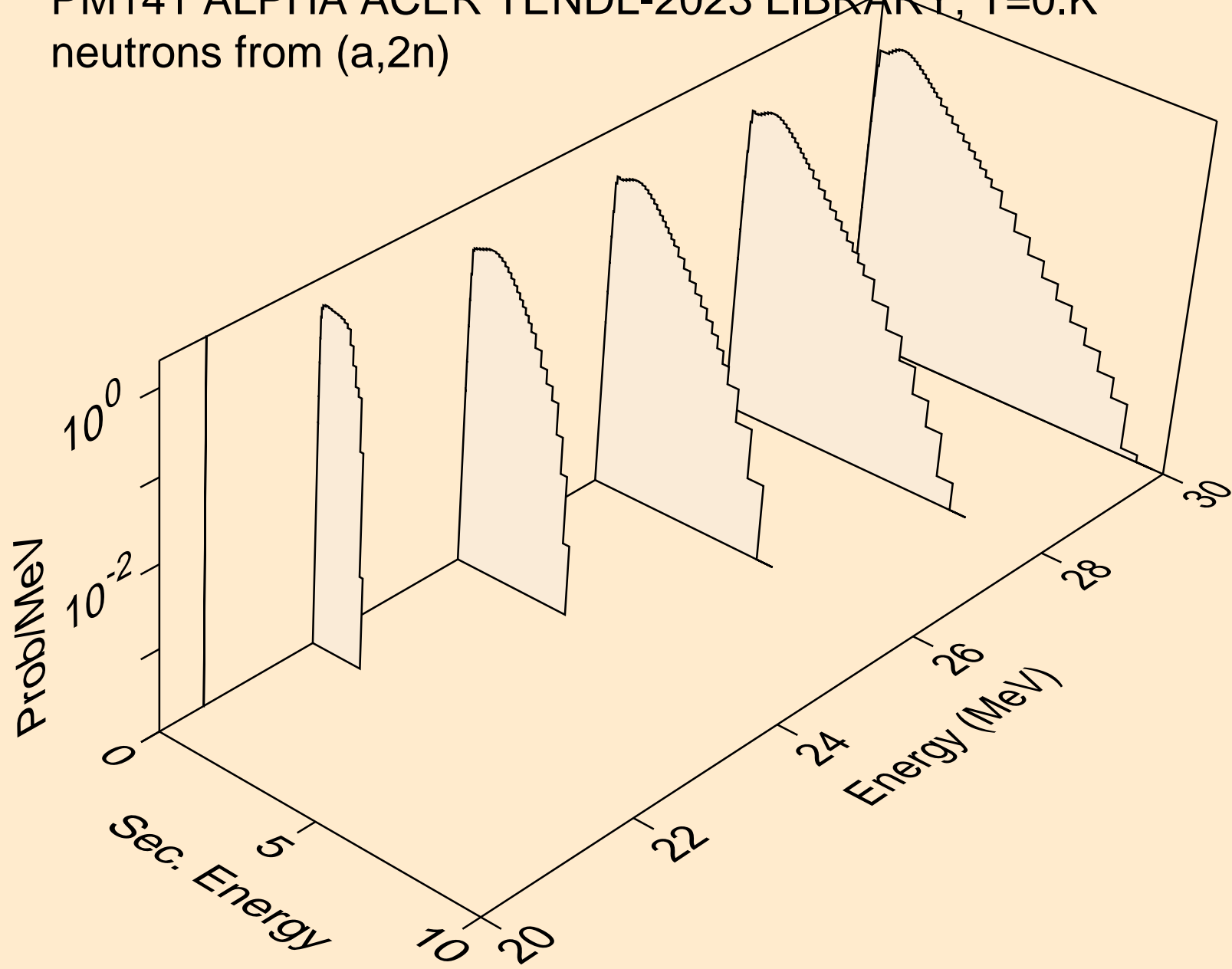
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

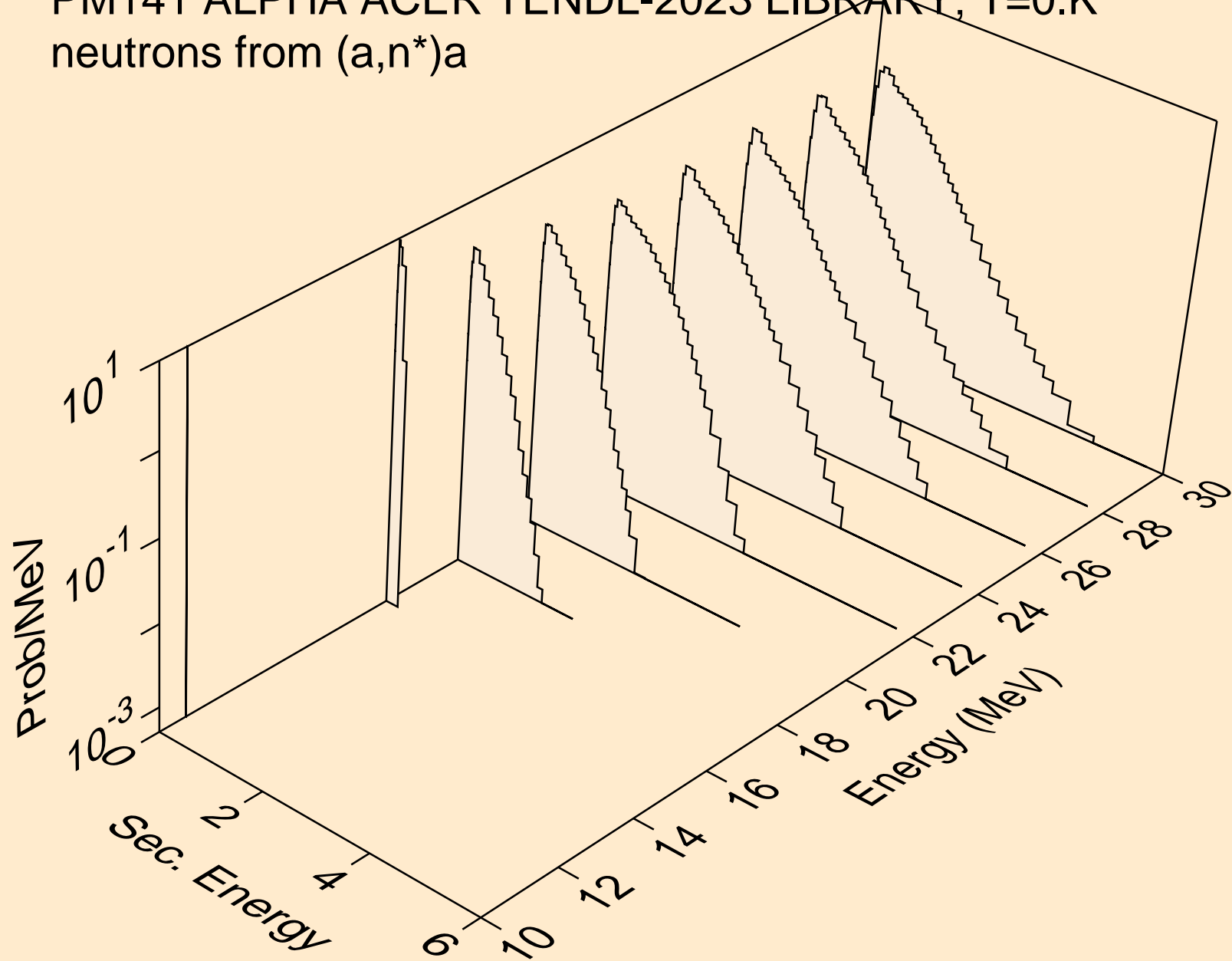


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neutrons from (a,2n)

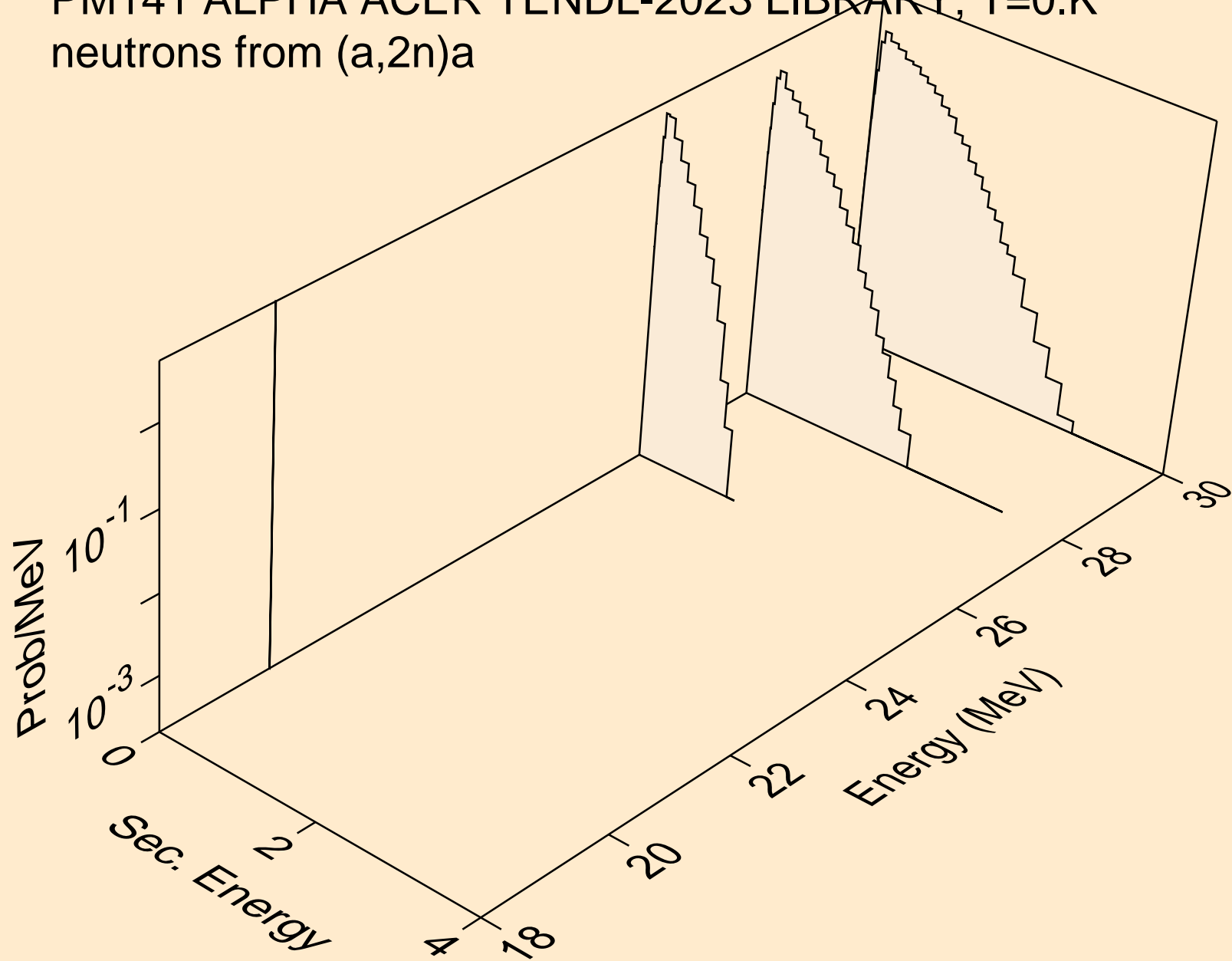




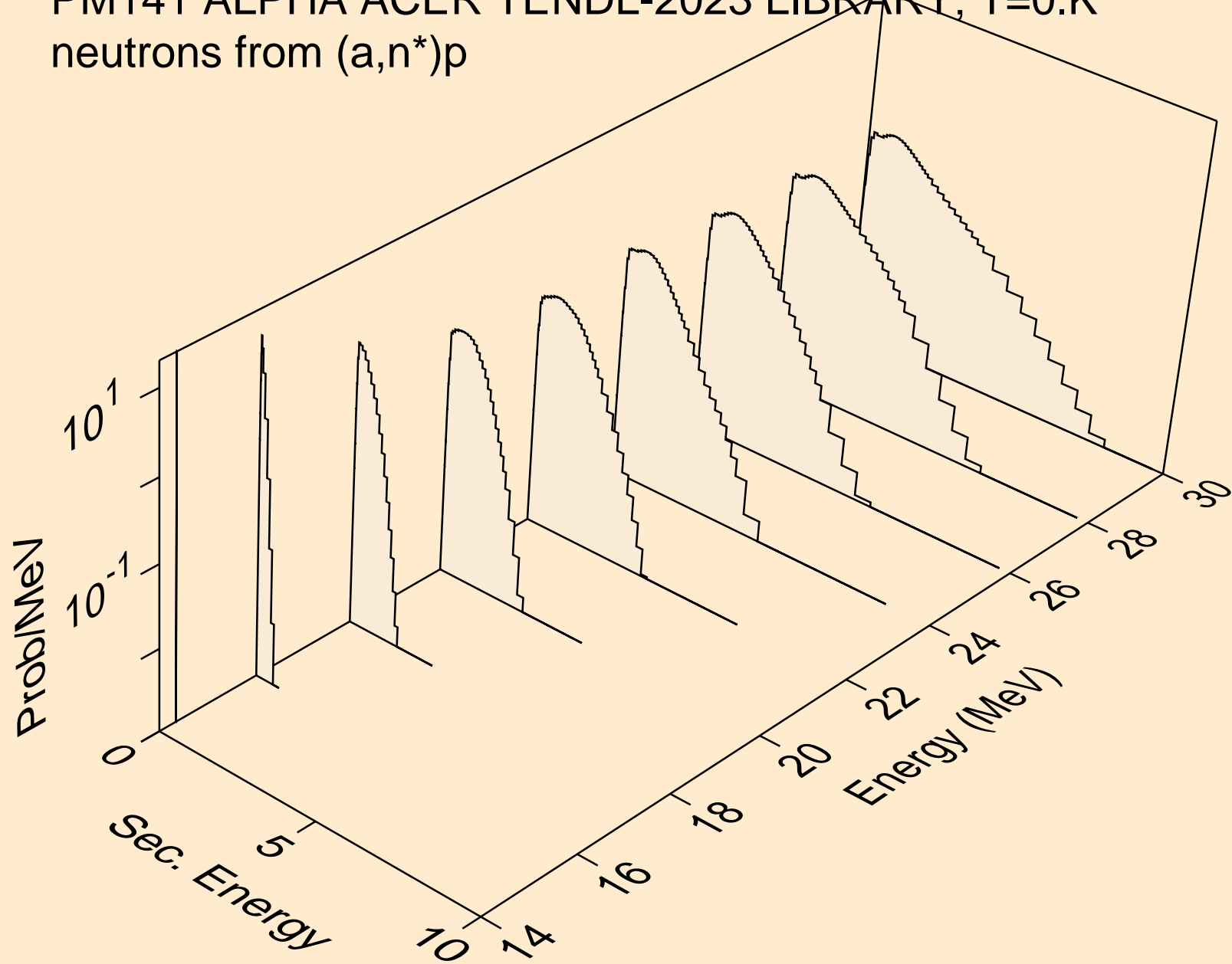
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



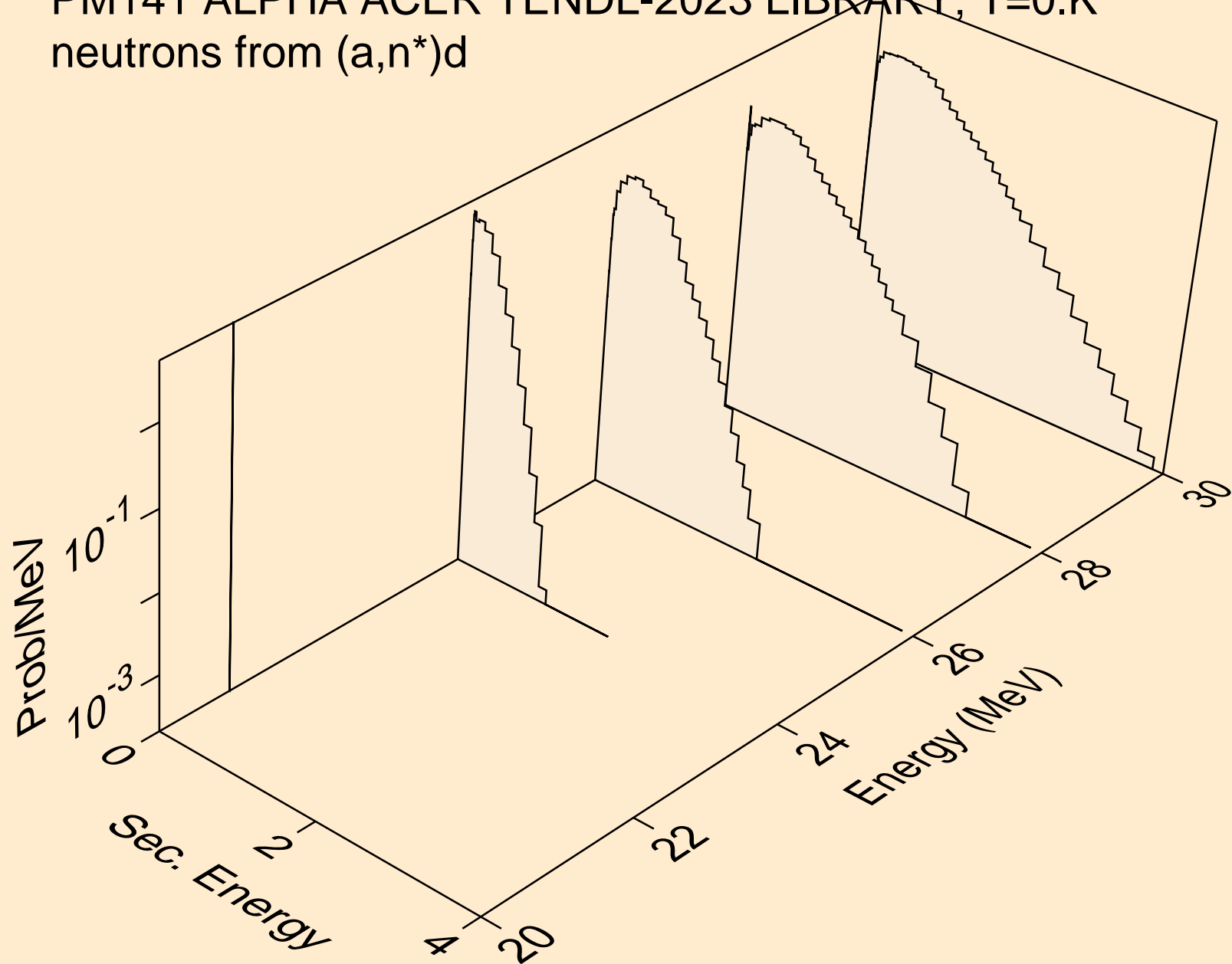
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neutrons from (a,2n)a



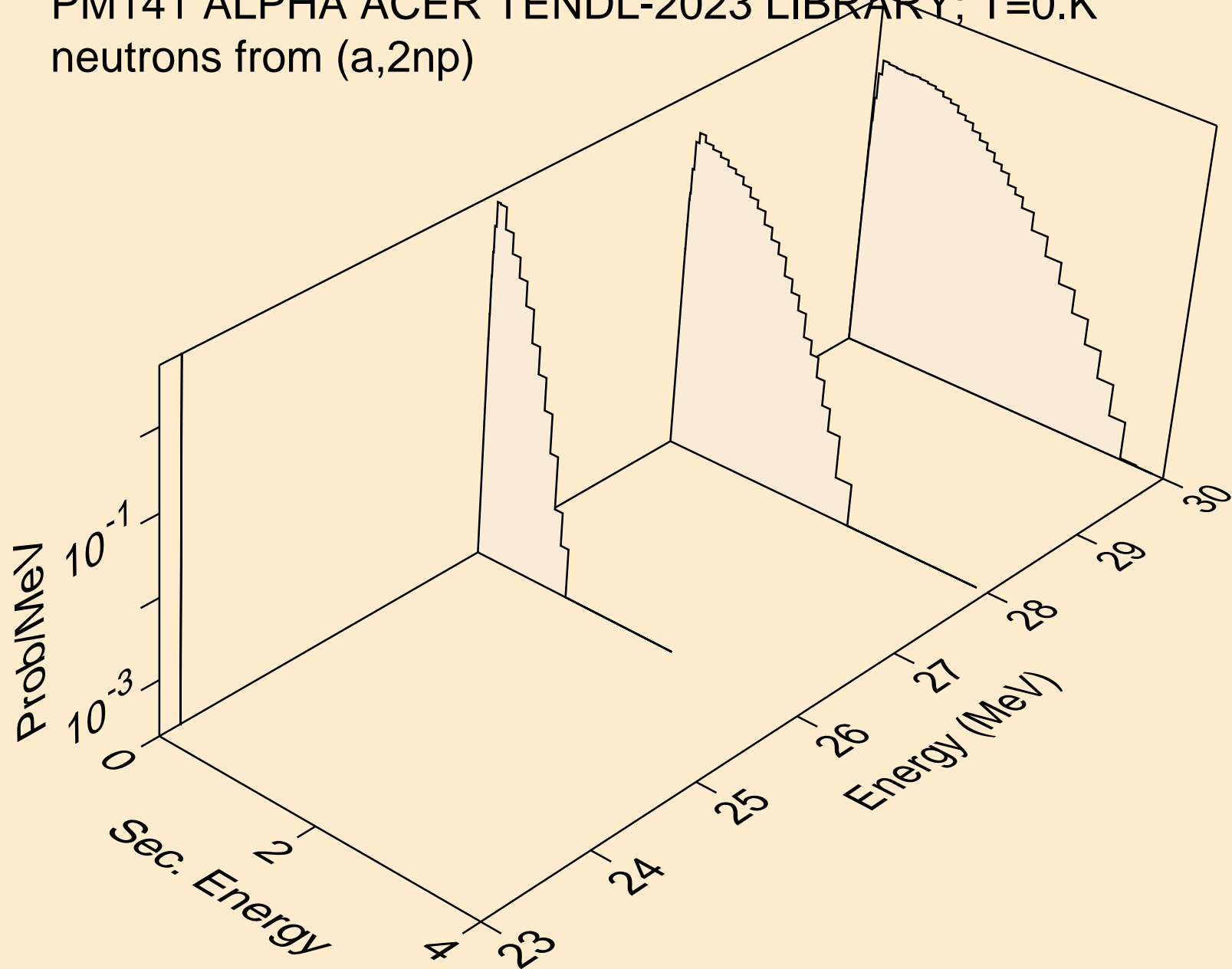
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neutrons from (a,n\*)p



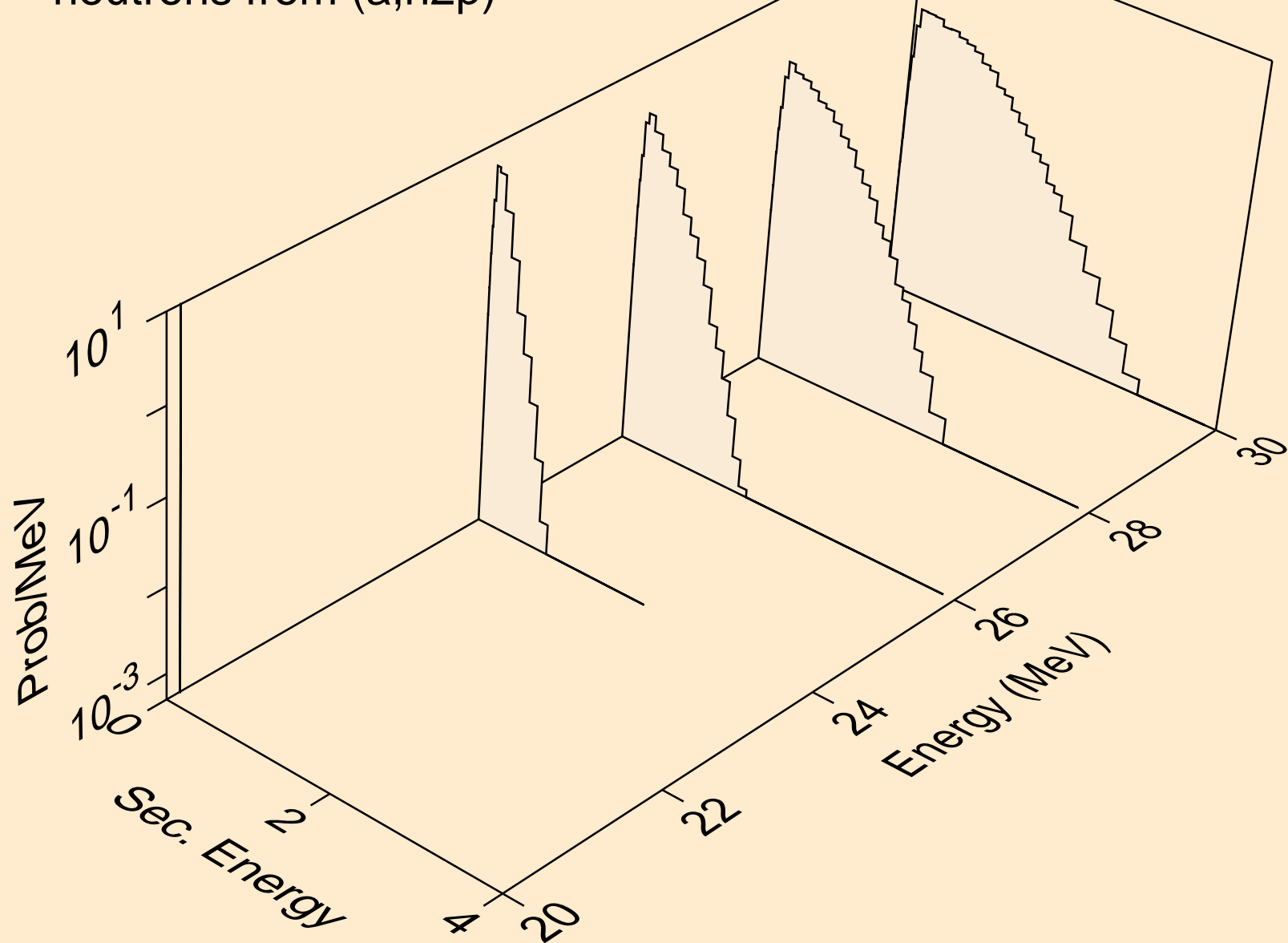
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neutrons from (a,n\*)d



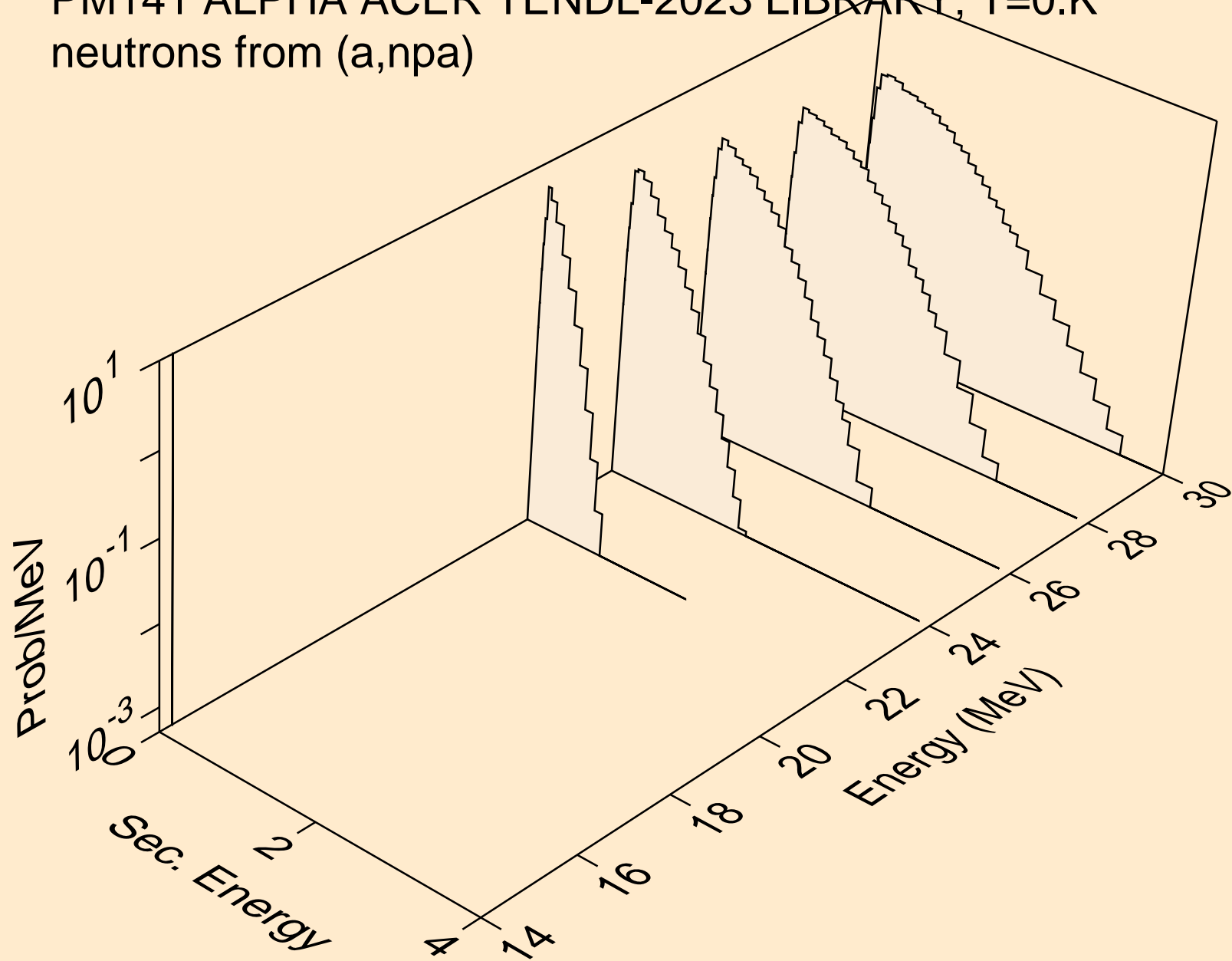
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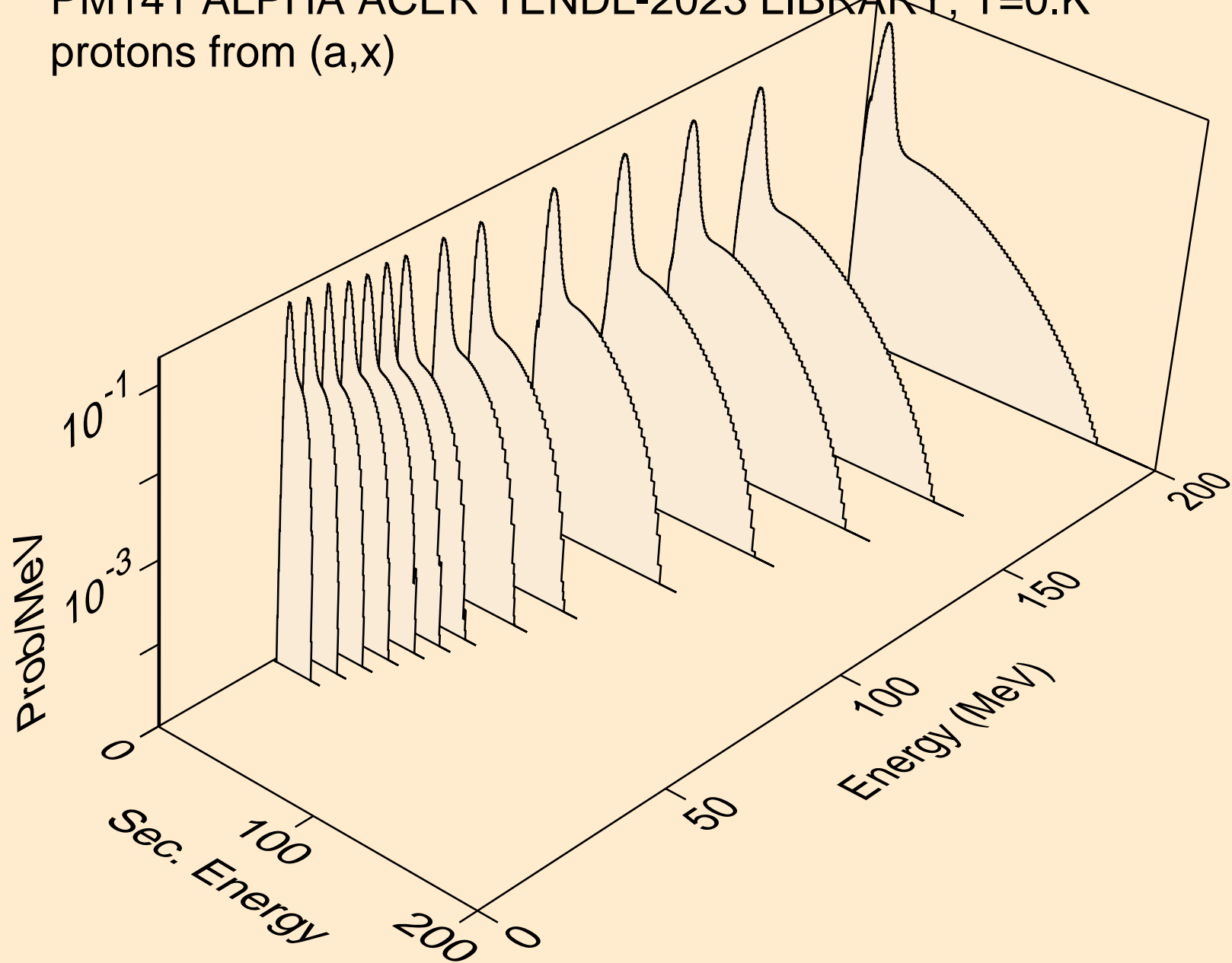
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neutrons from (a,n2p)



PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)

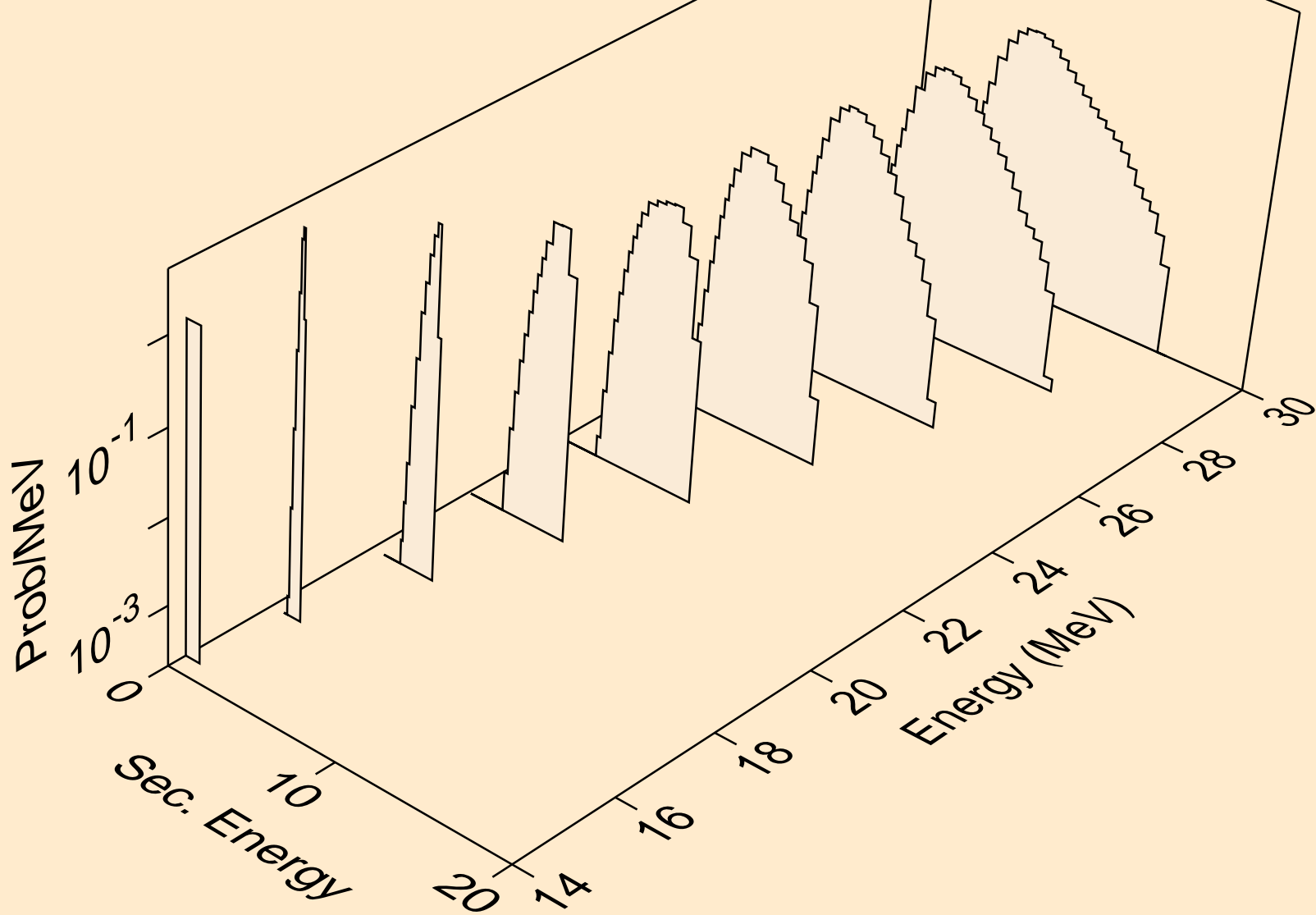


PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

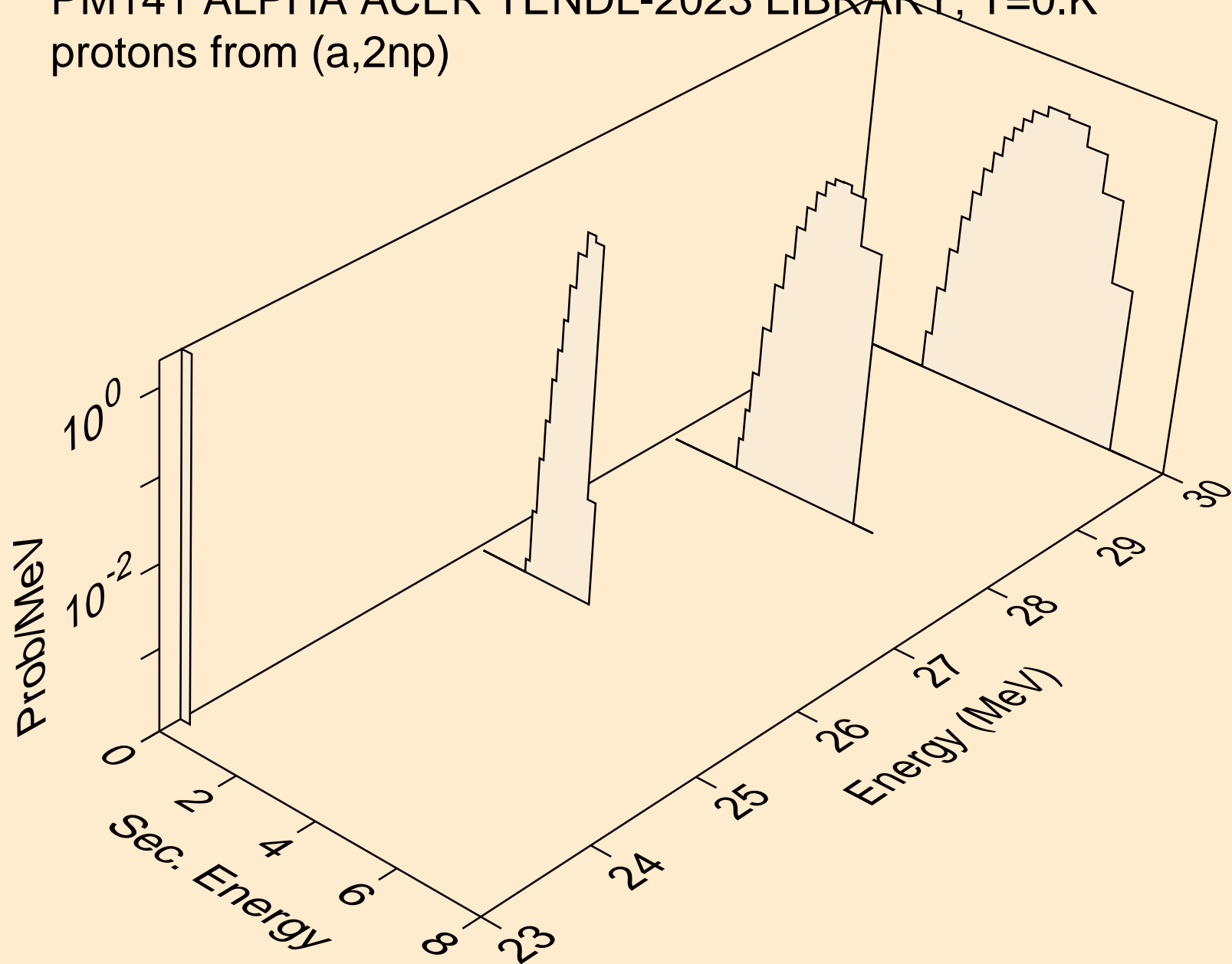




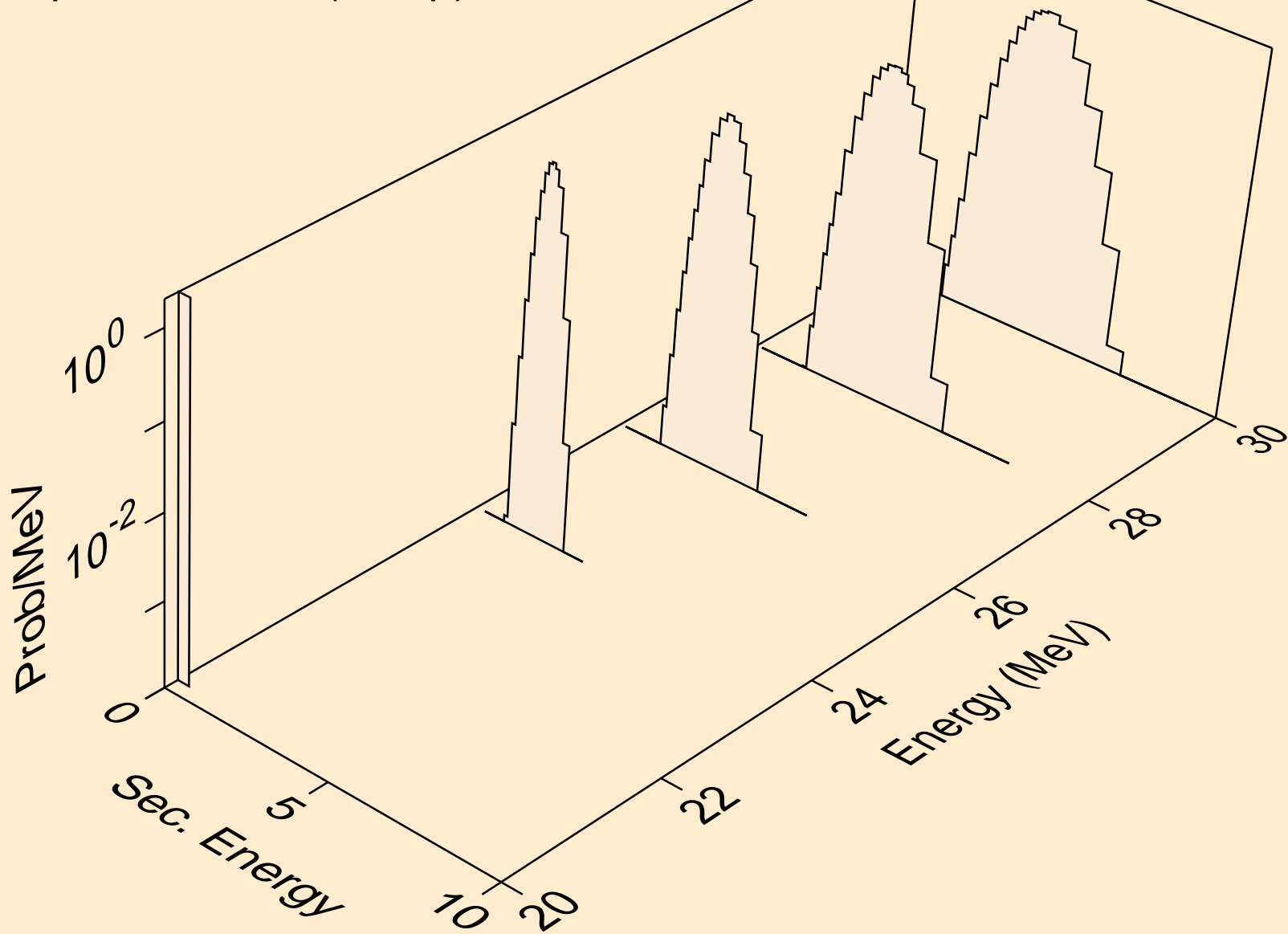
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



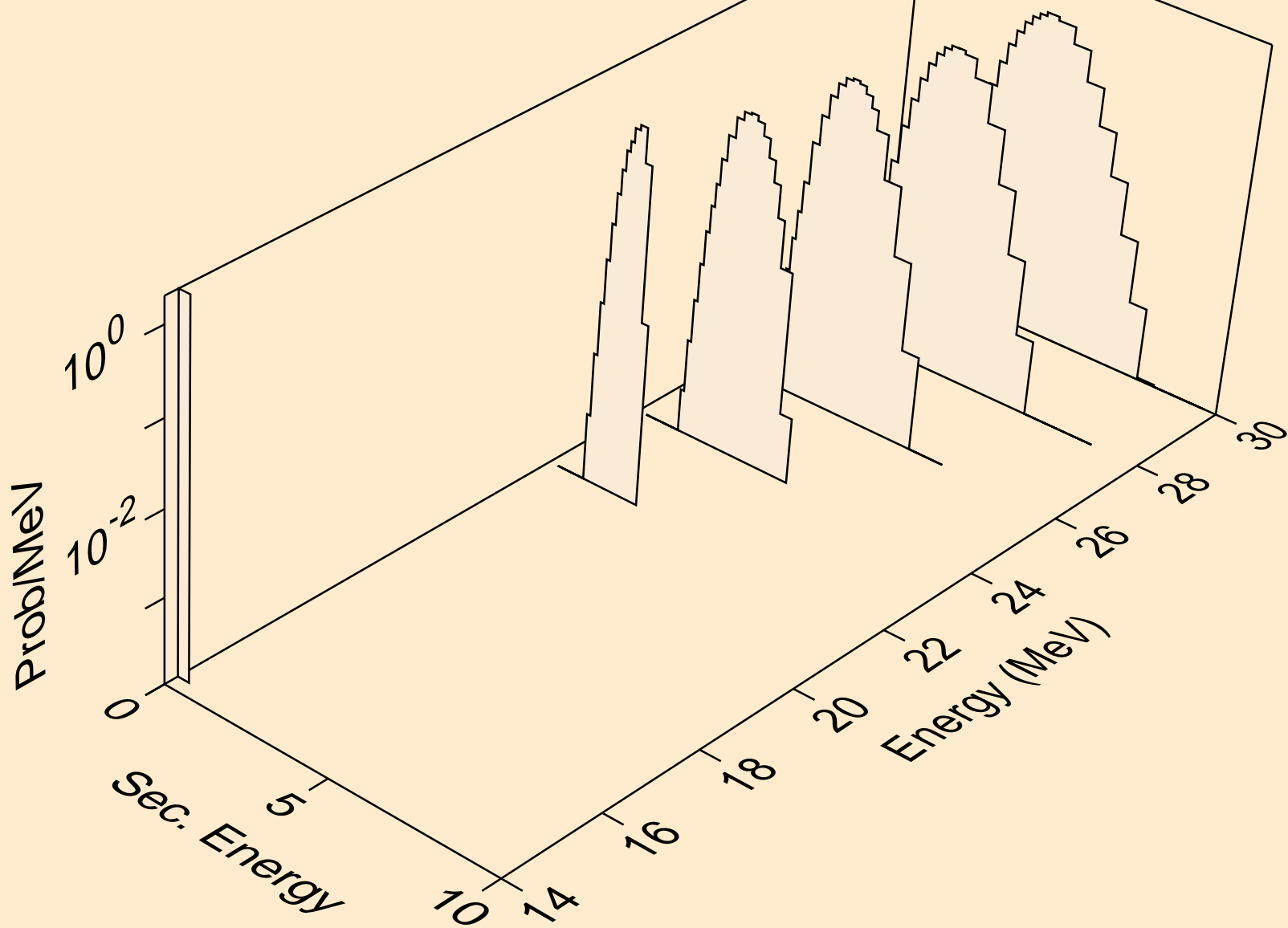
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protons from (a,2np)



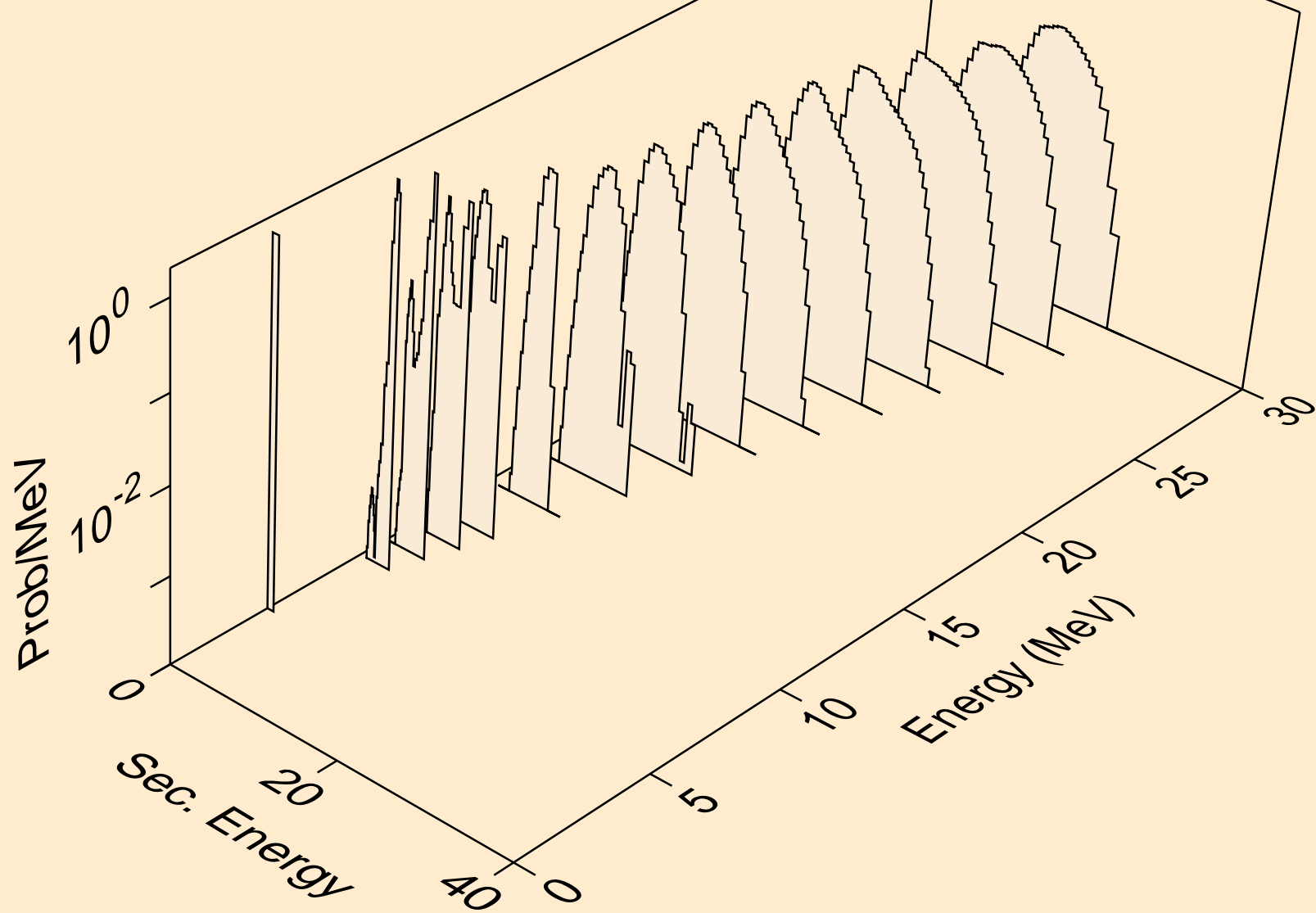
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protons from (a,n2p)



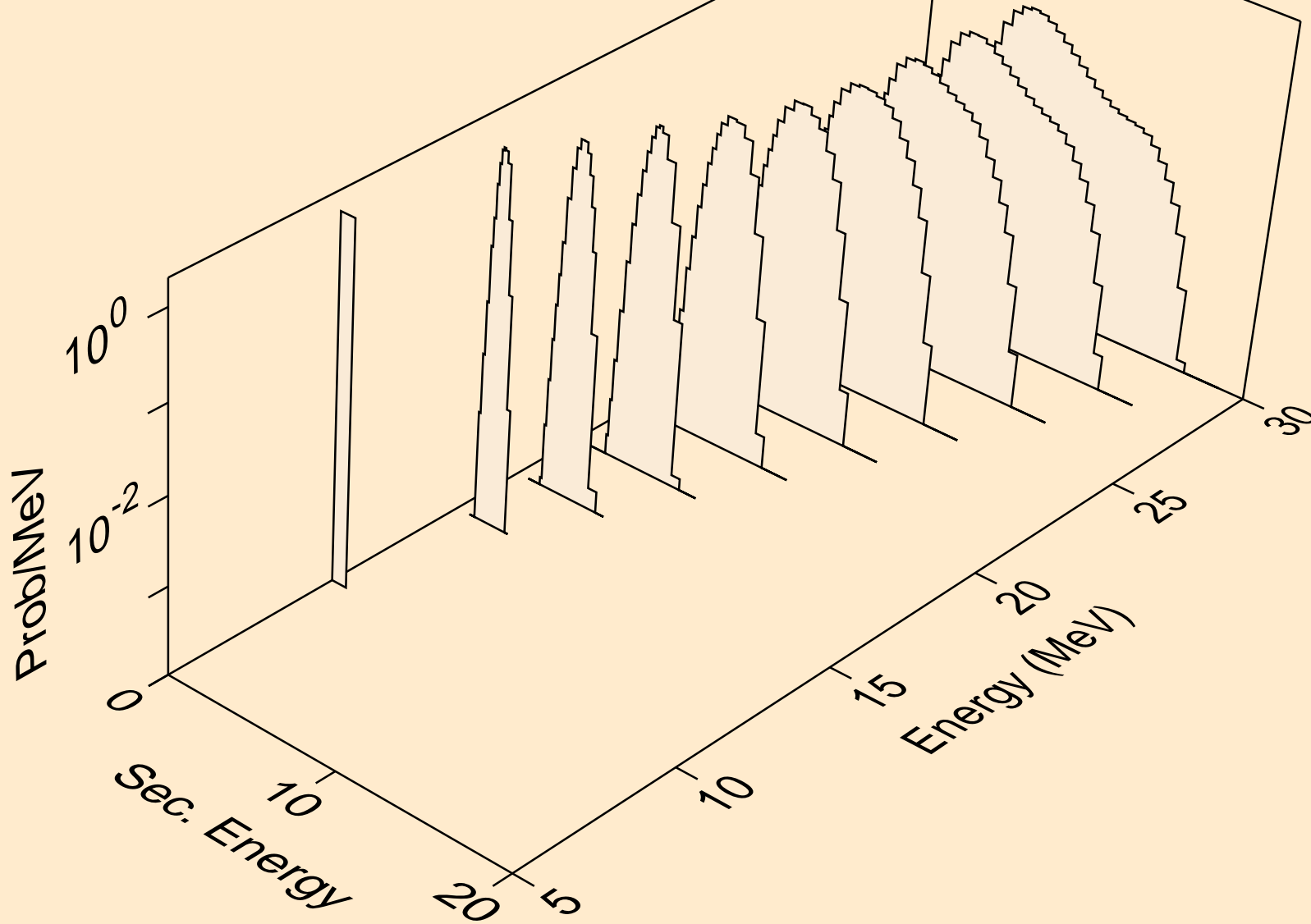
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protons from (a,npa)



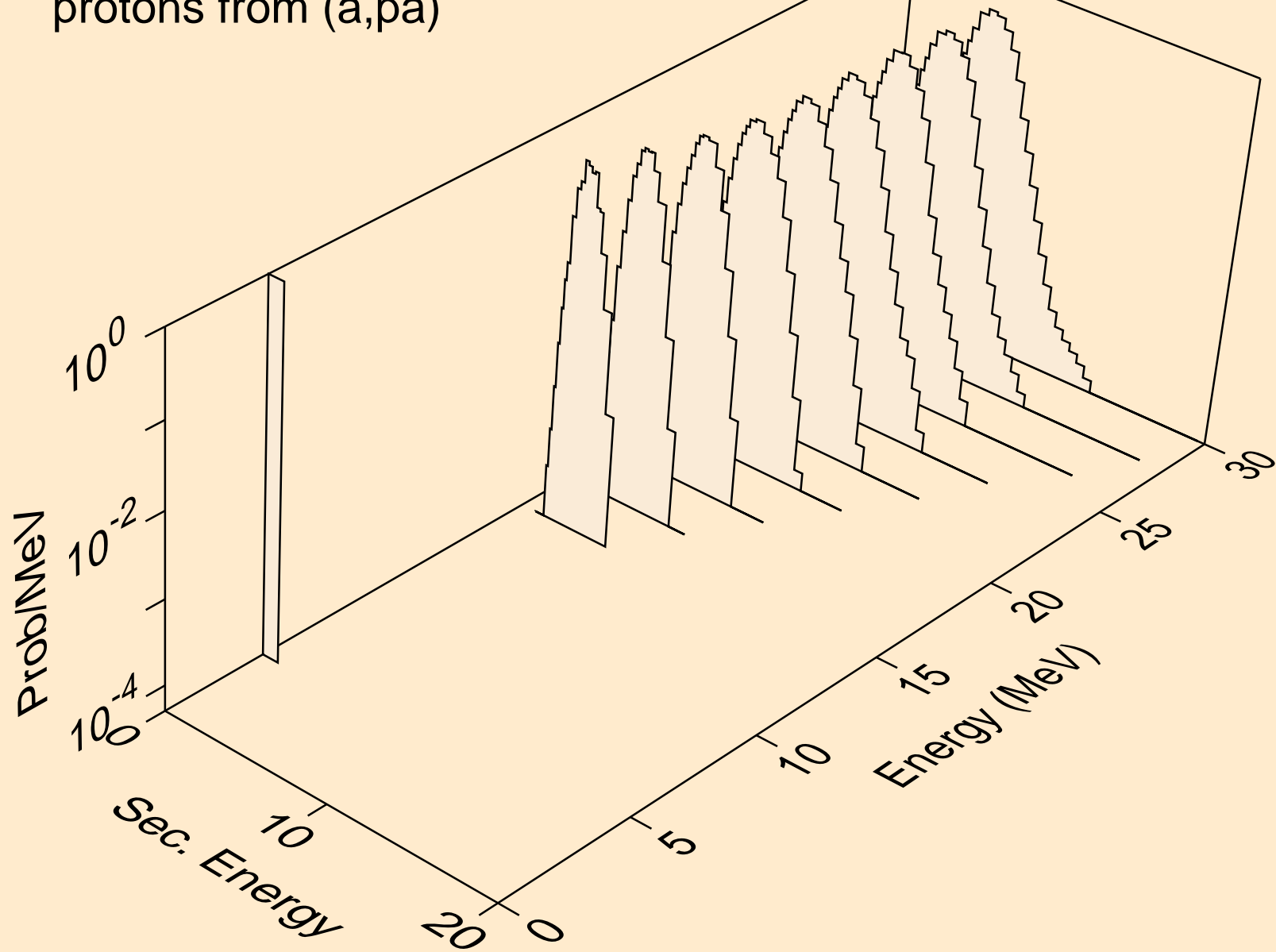
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protons from (a,p)



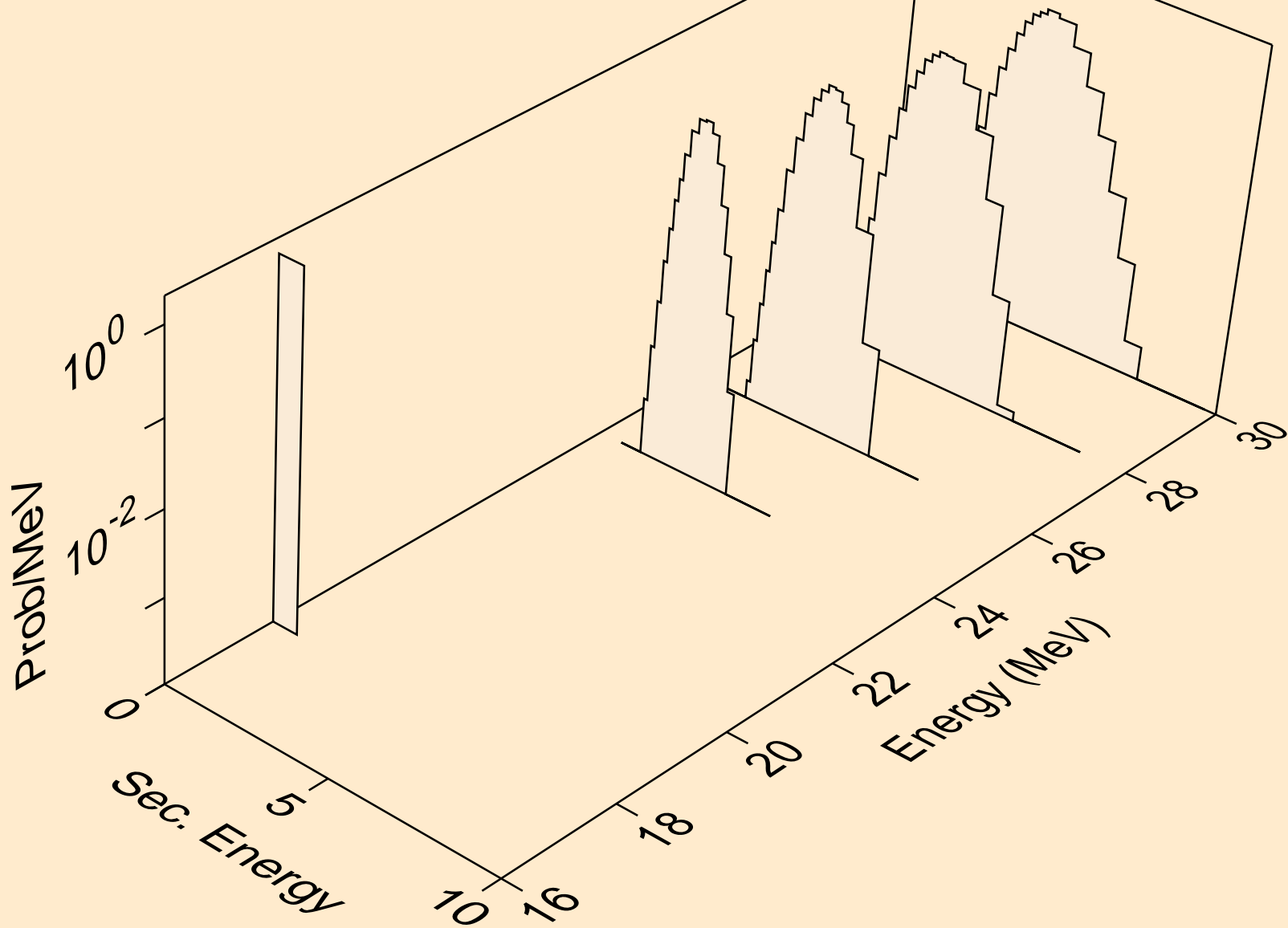
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)

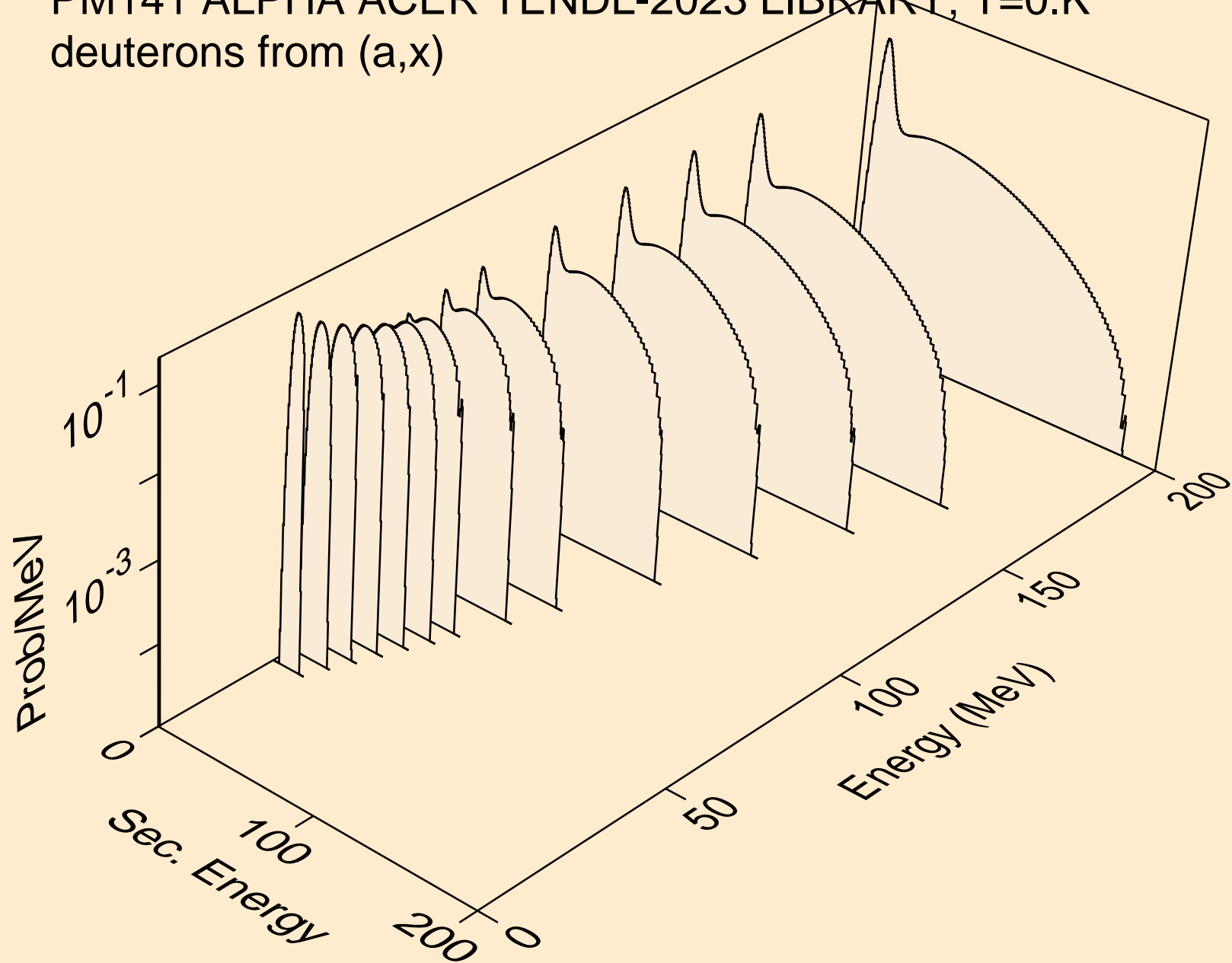


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protons from (a,pd)

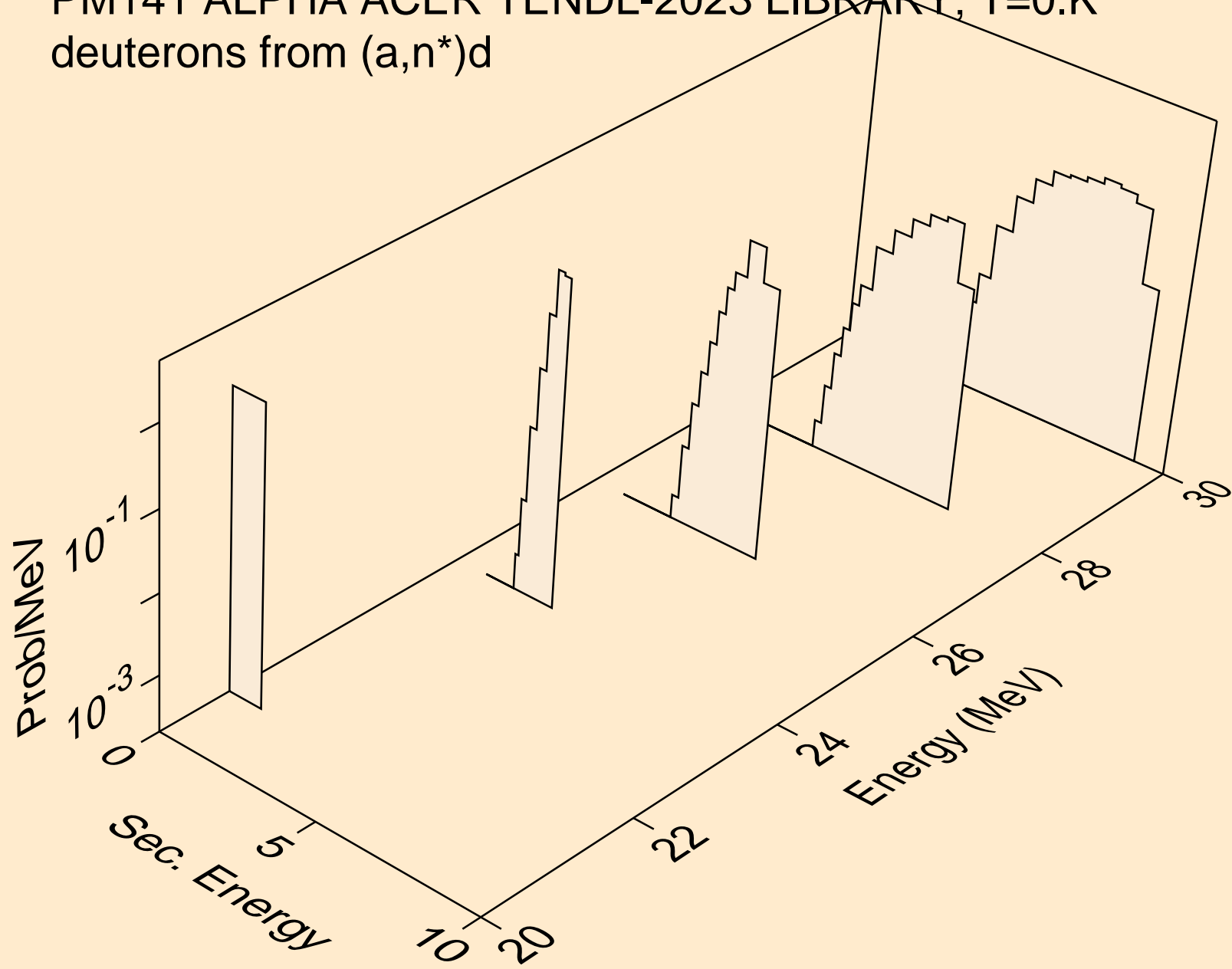




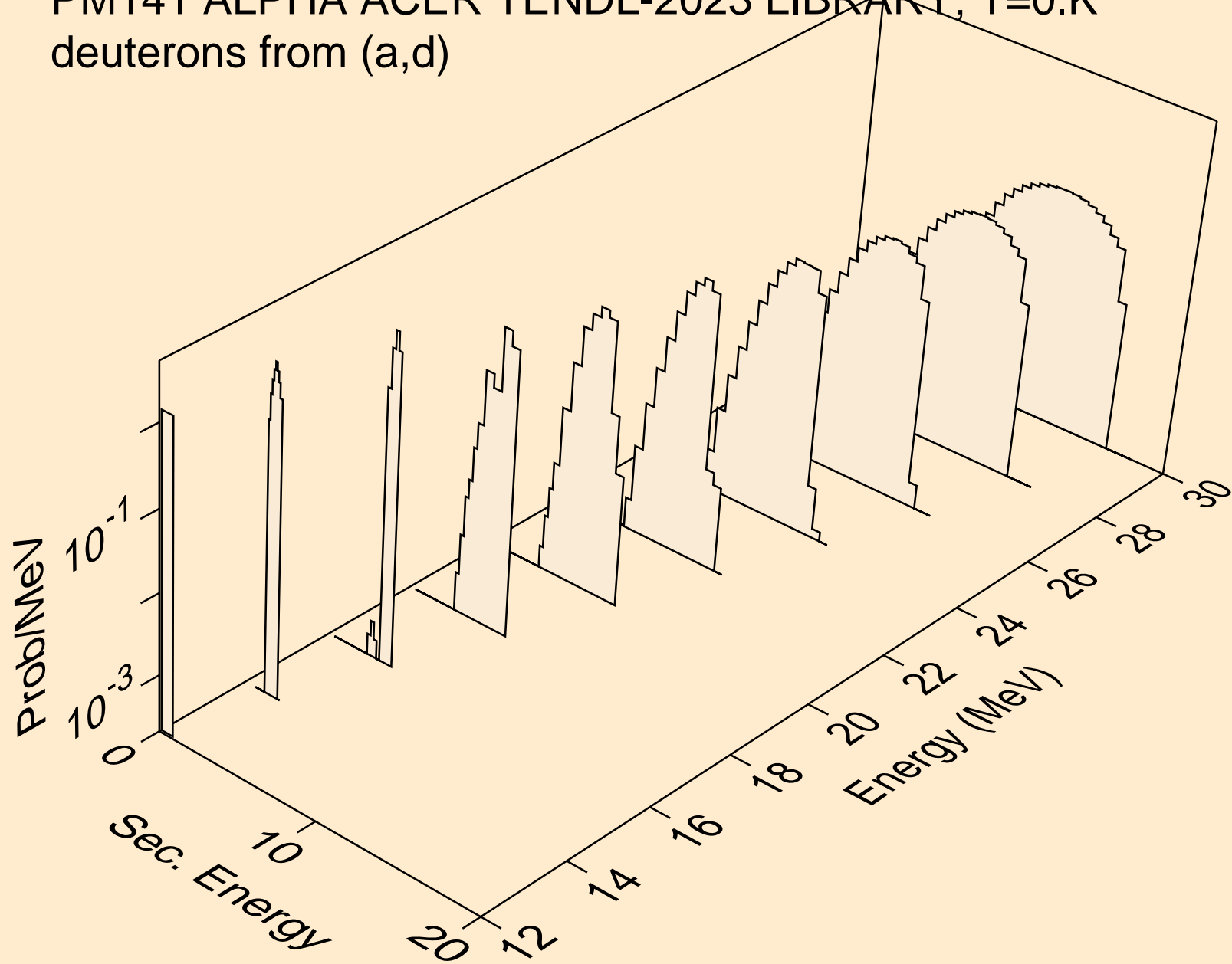
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



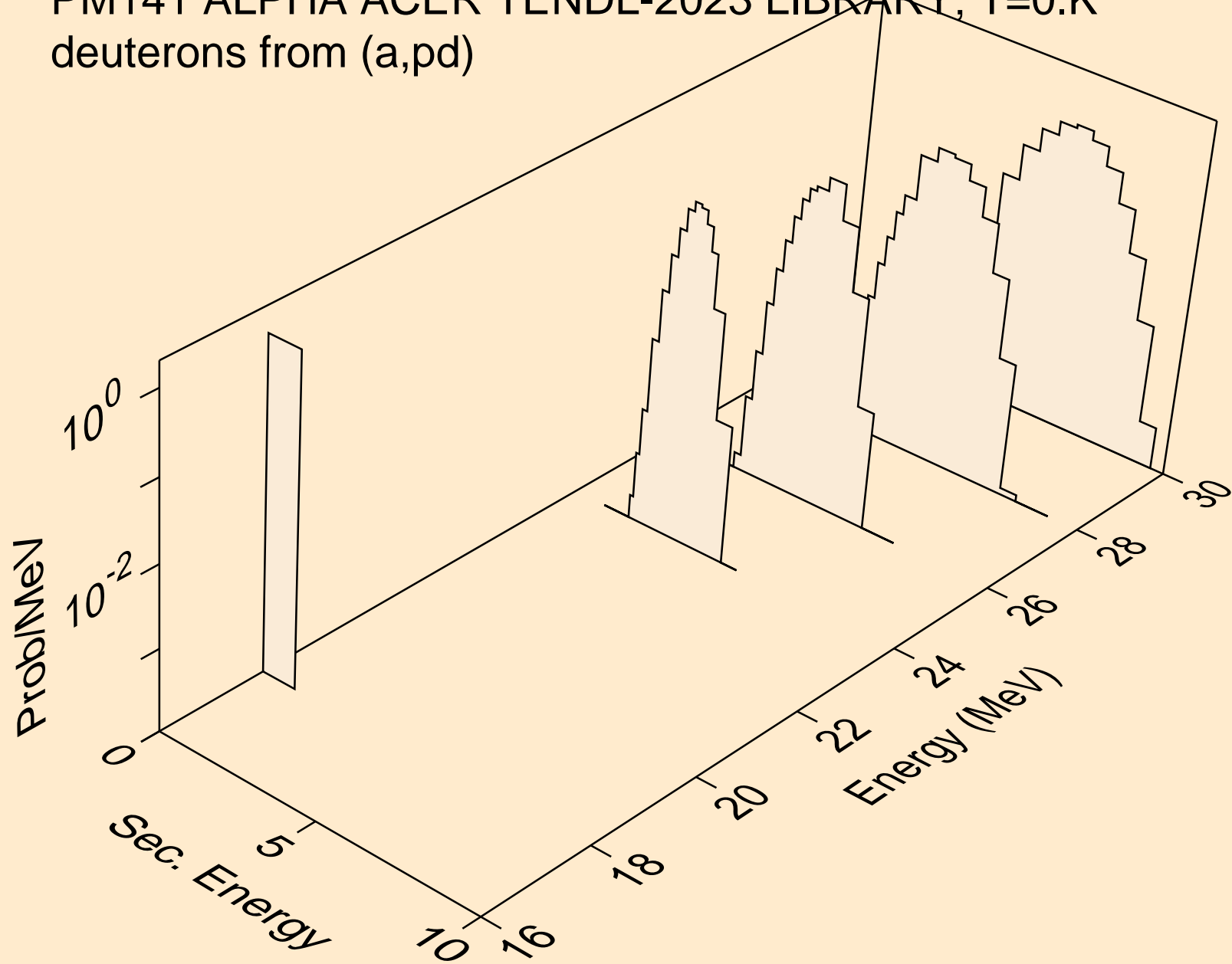
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



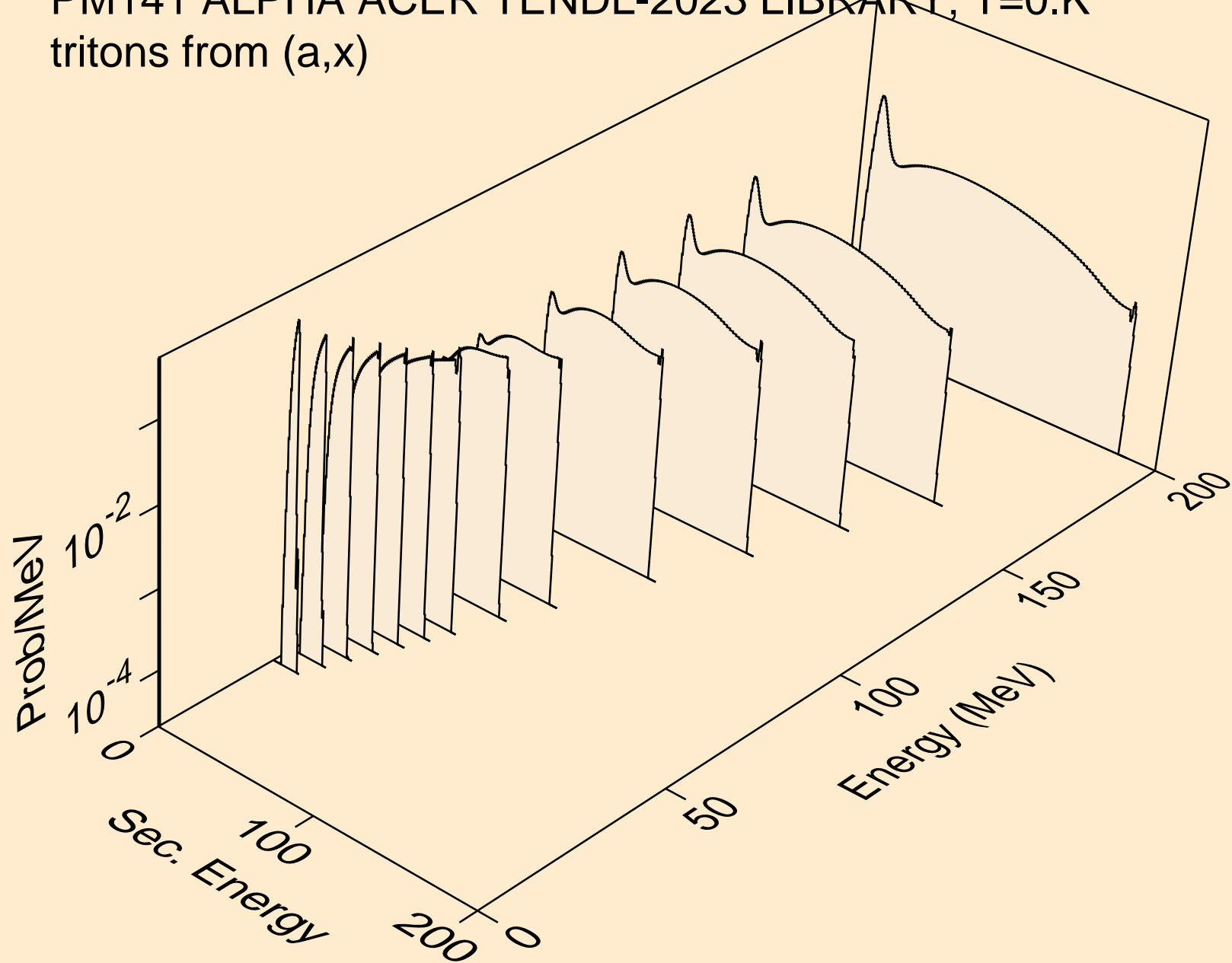
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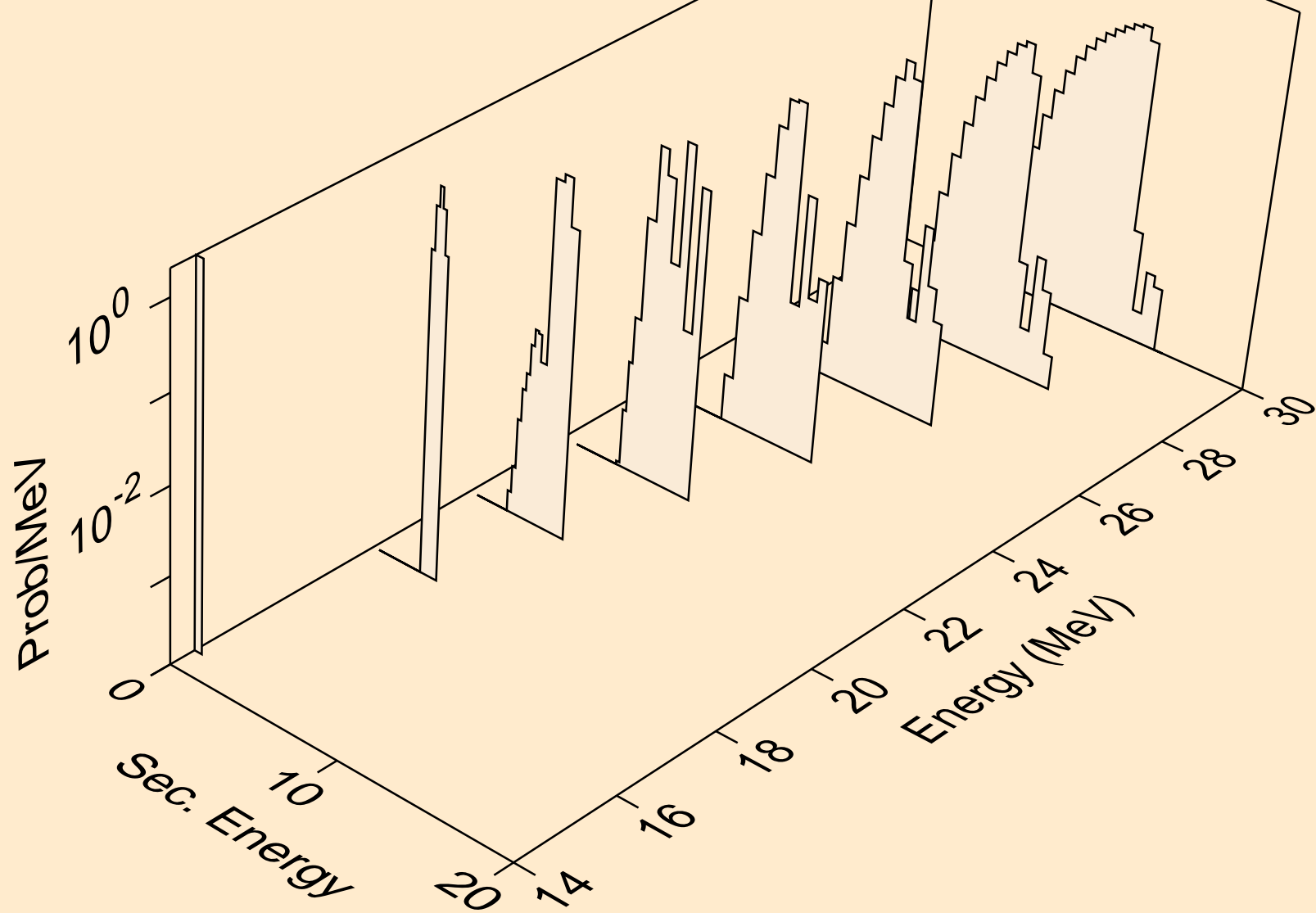
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deuterons from (a,pd)



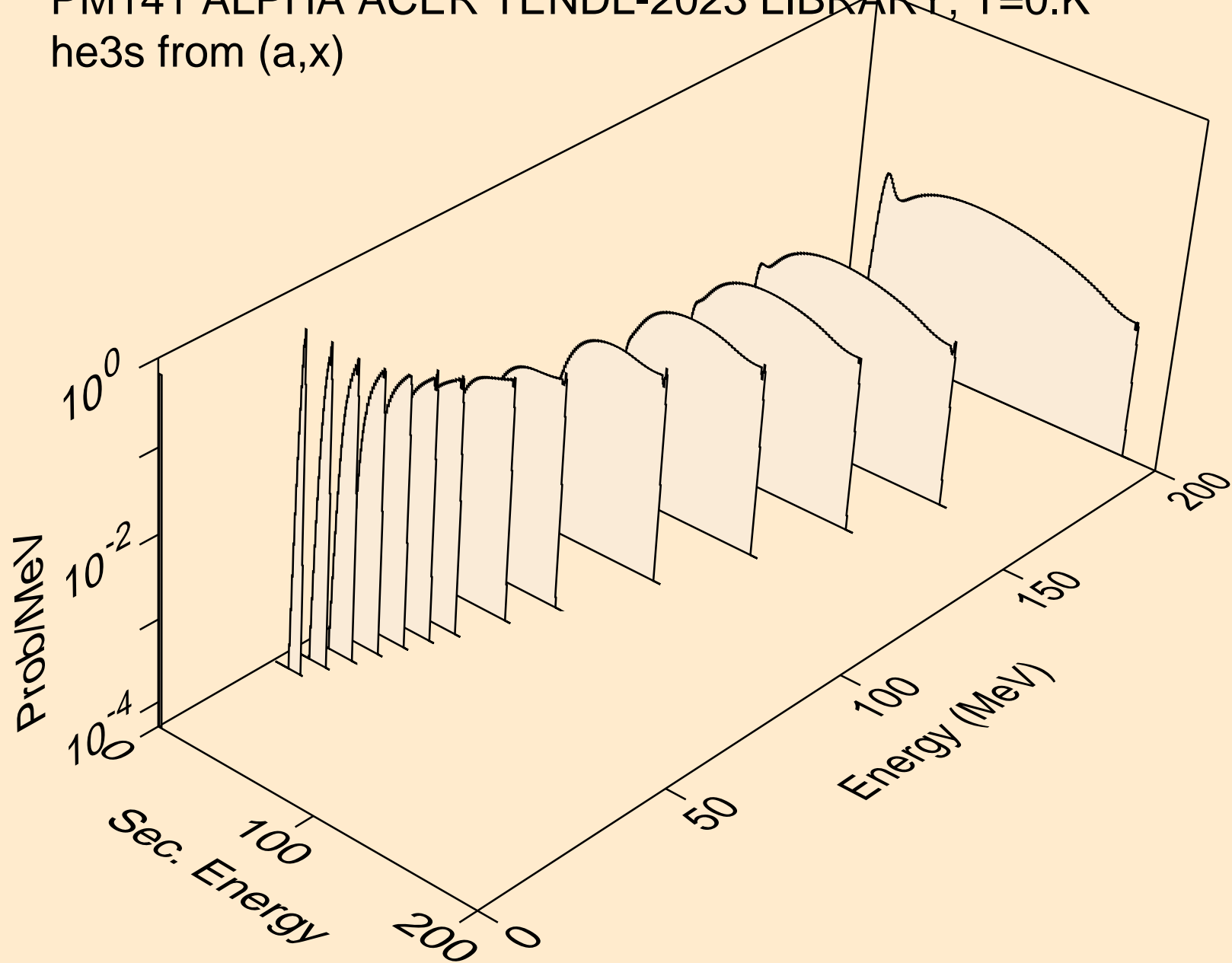
PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



PM141 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

