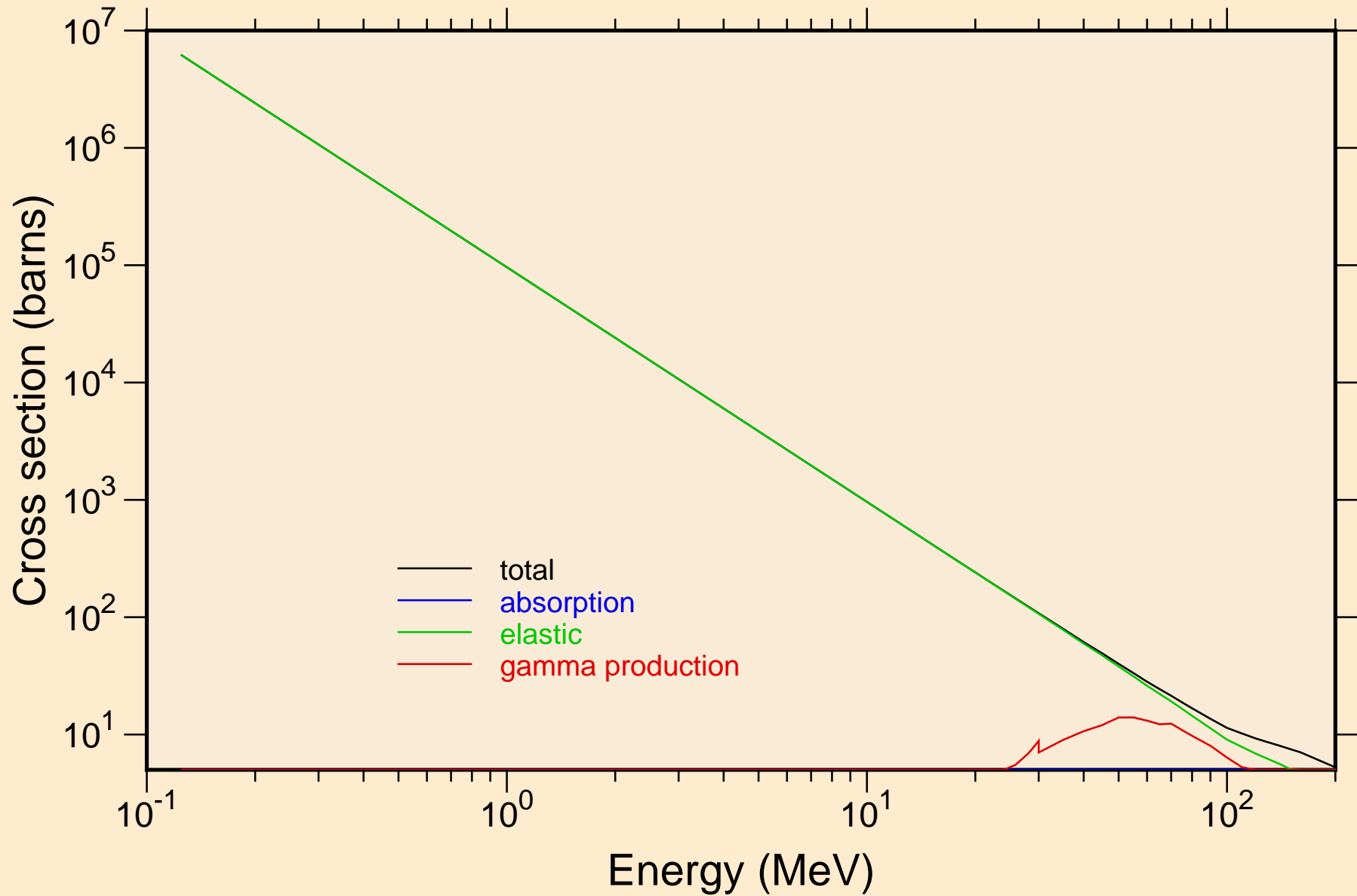
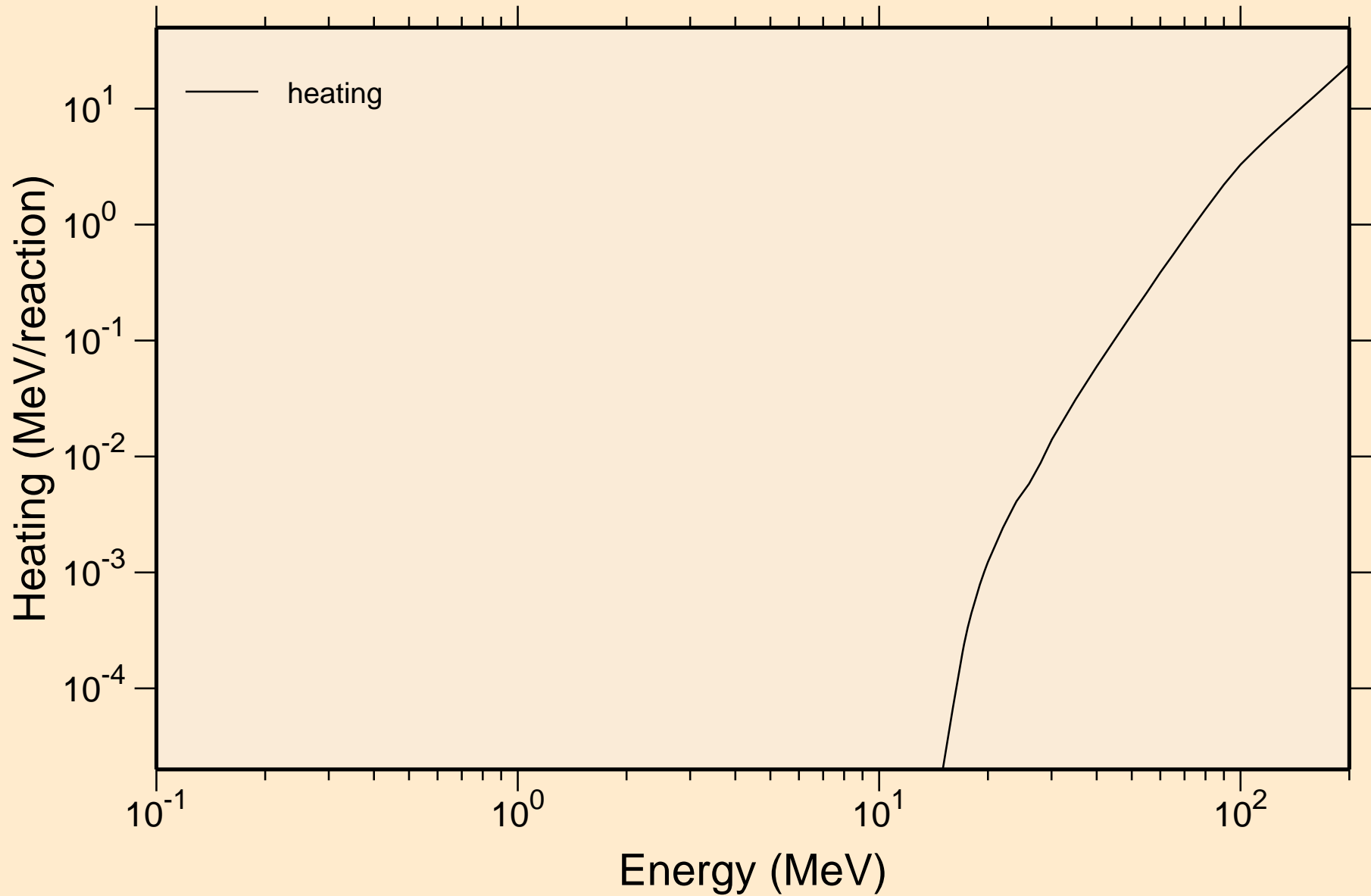


PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



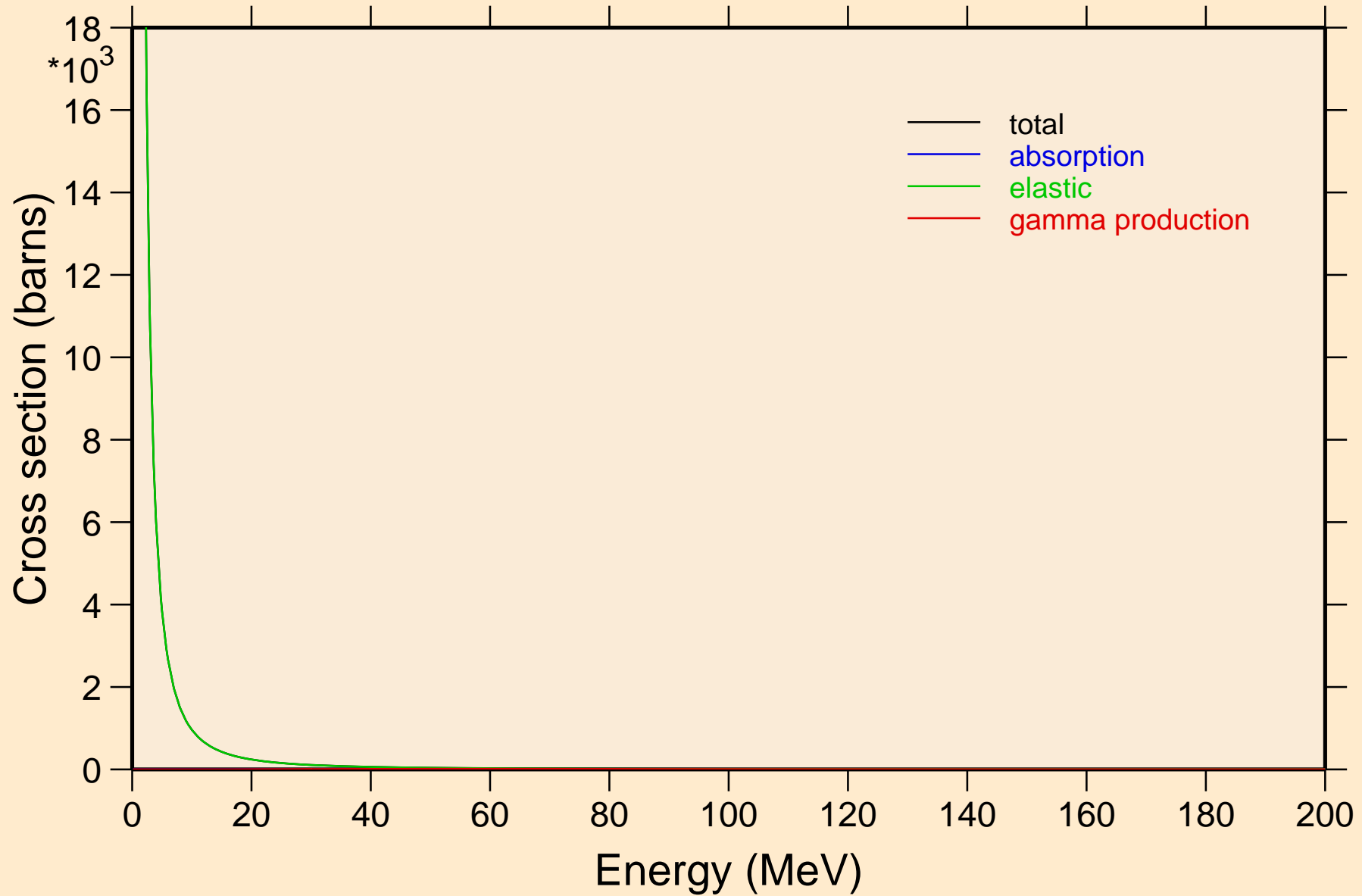
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



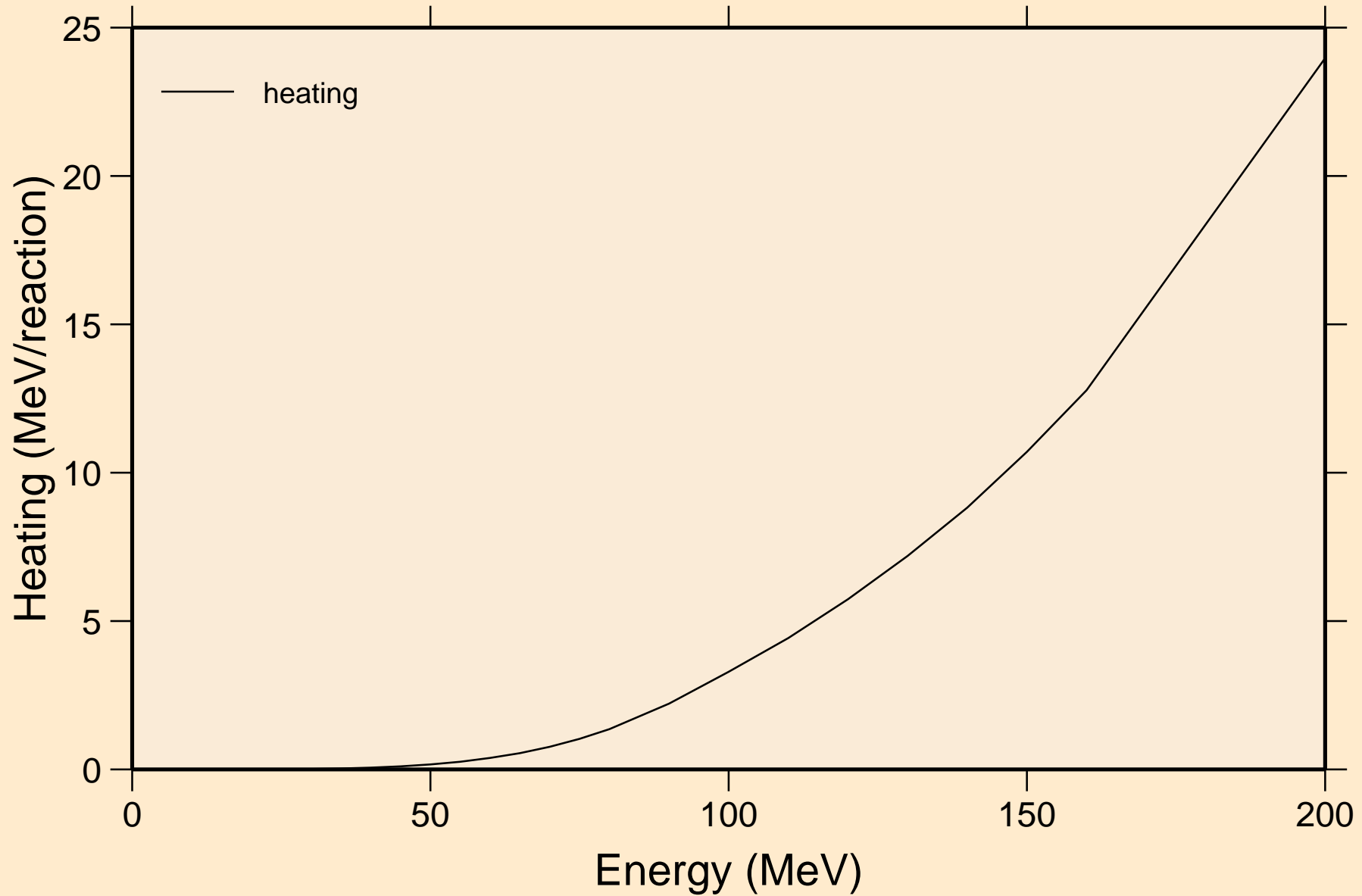
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## Principal cross sections

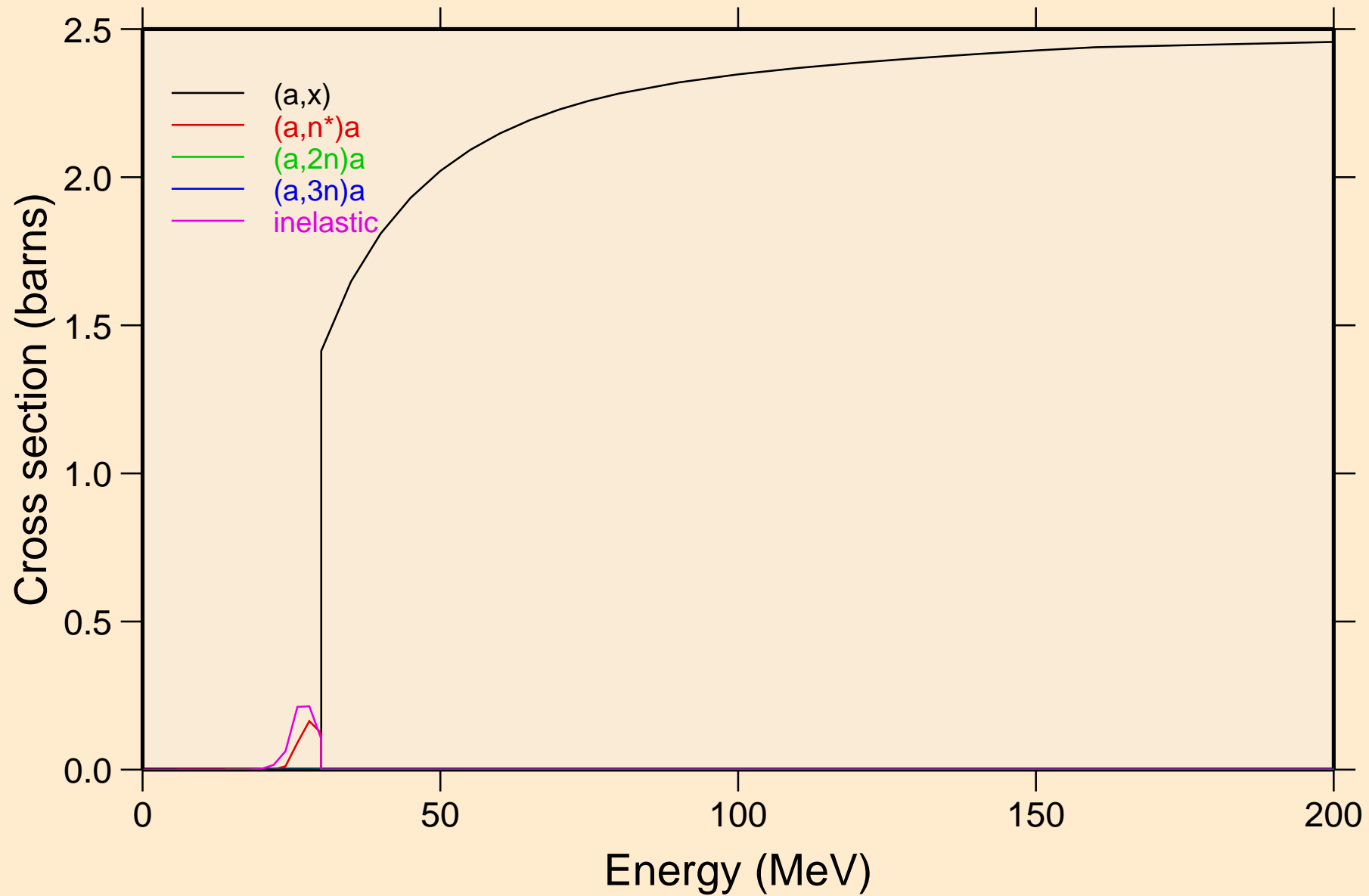


PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K

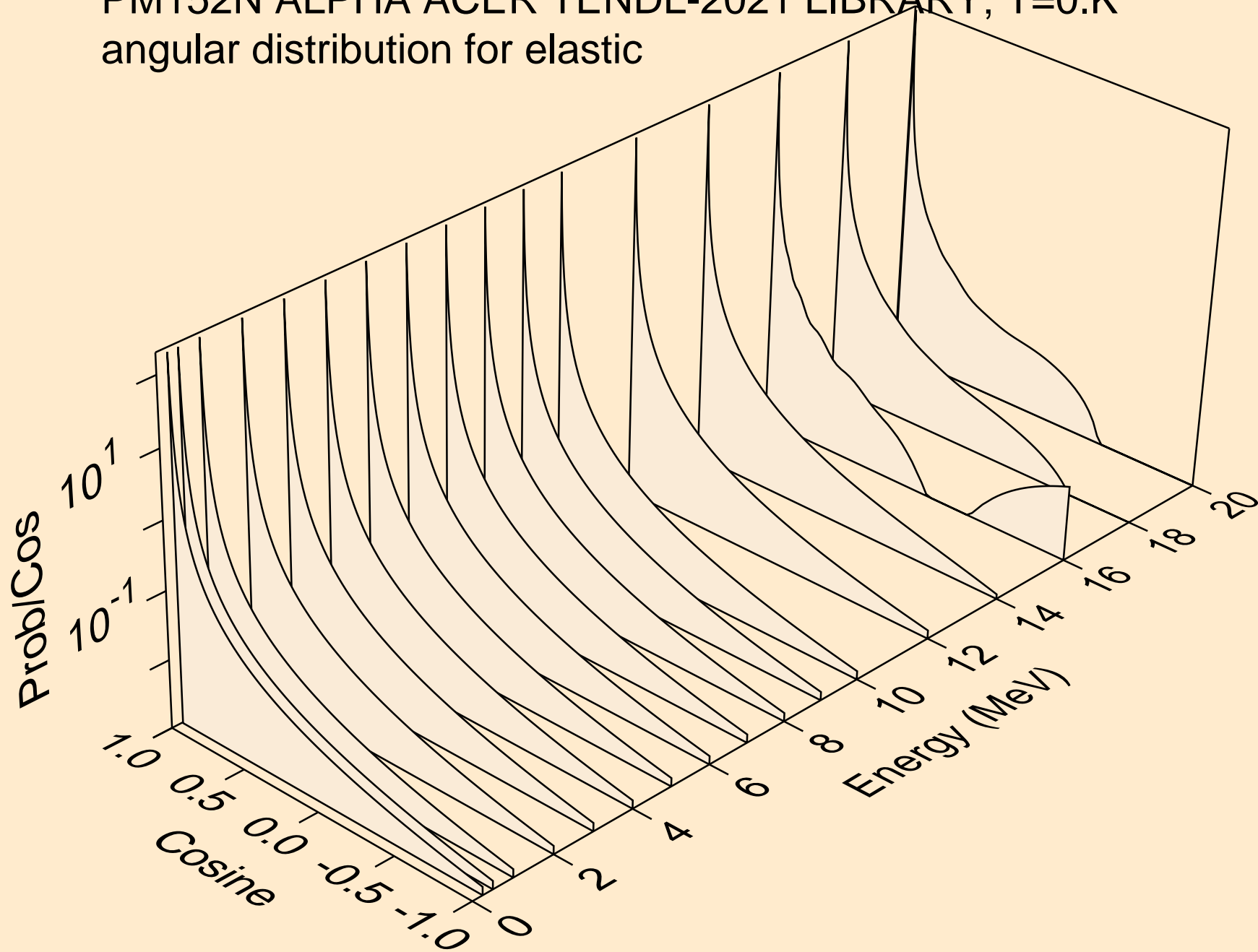
Heating



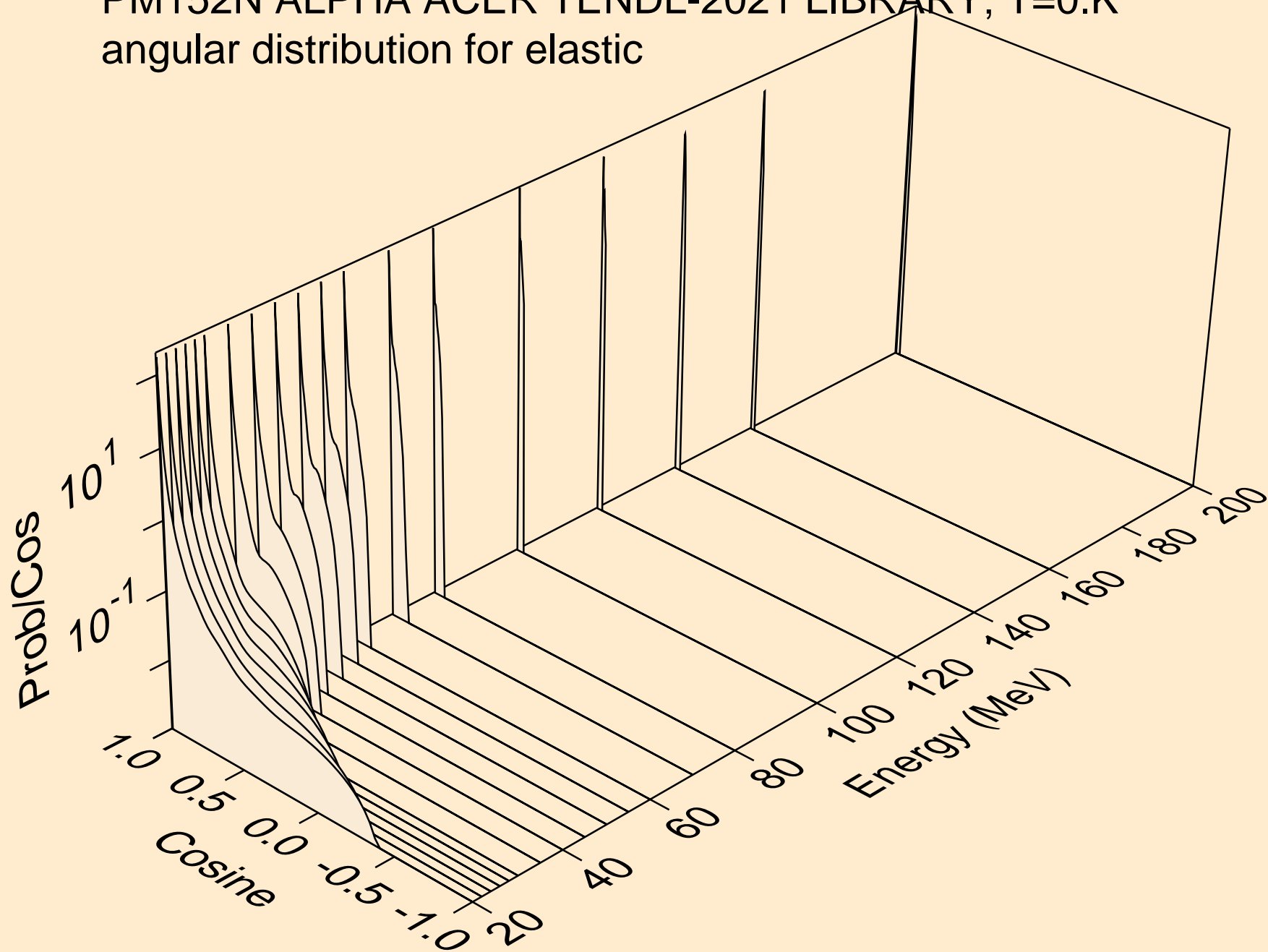
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Threshold reactions



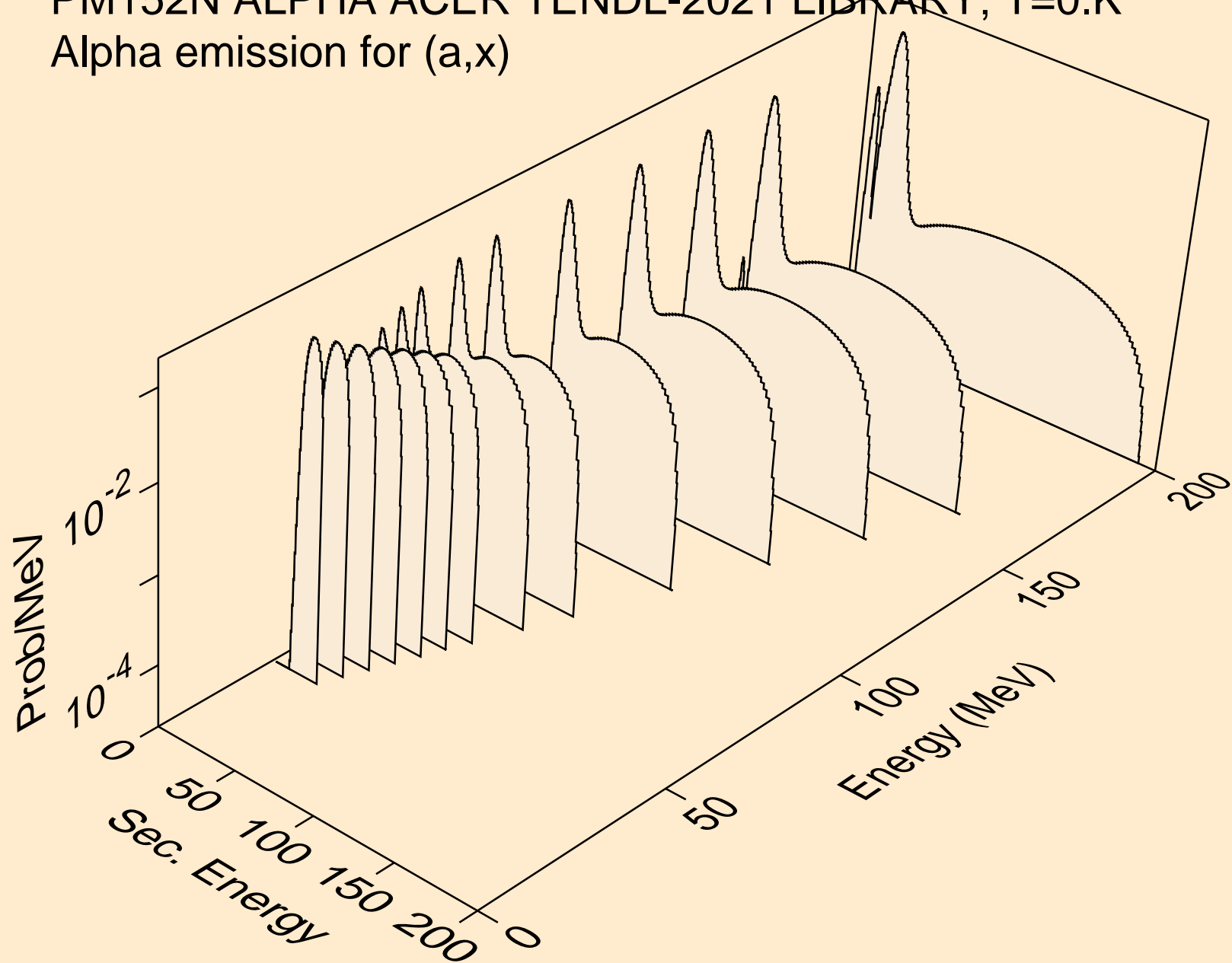
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

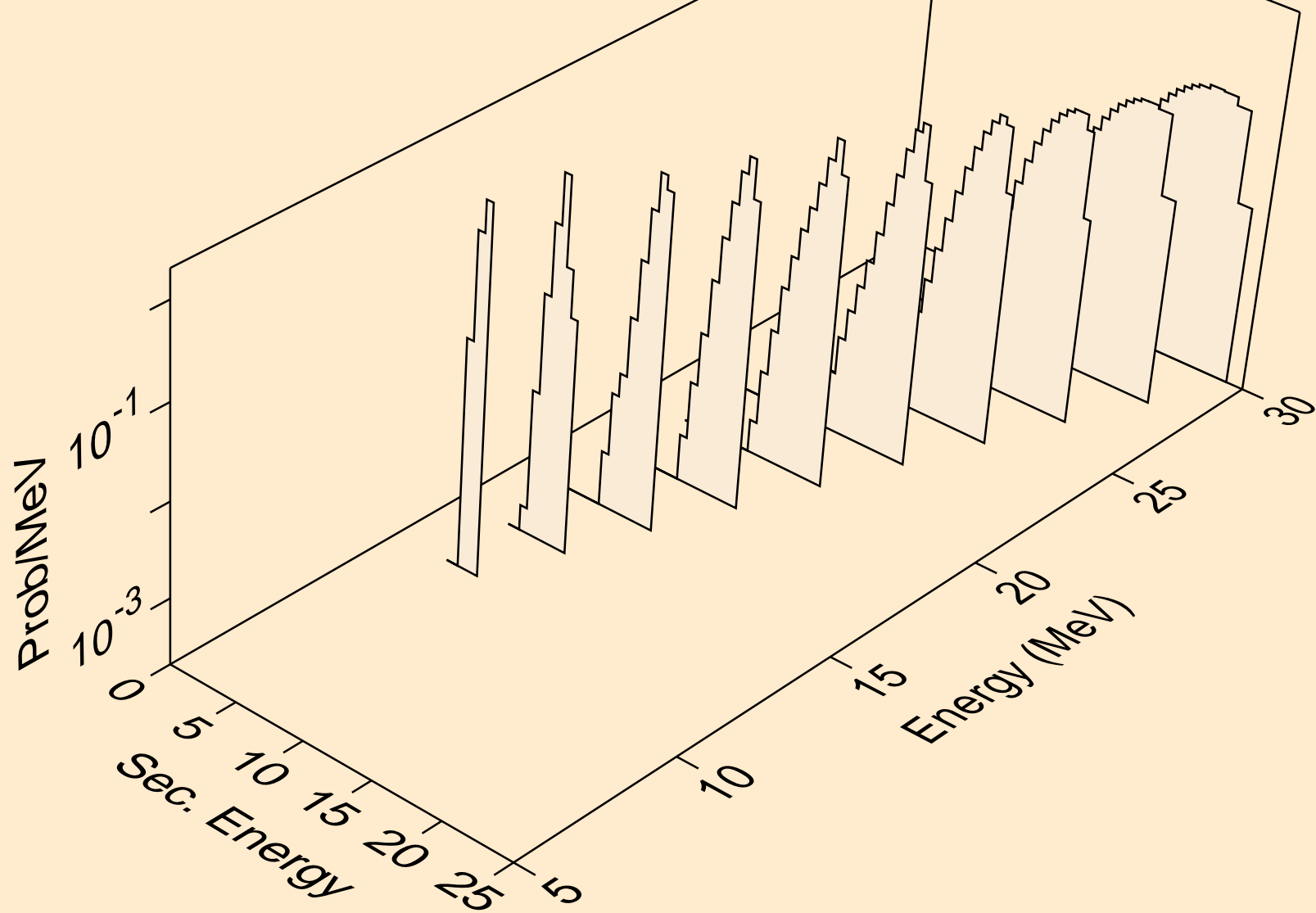


PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)

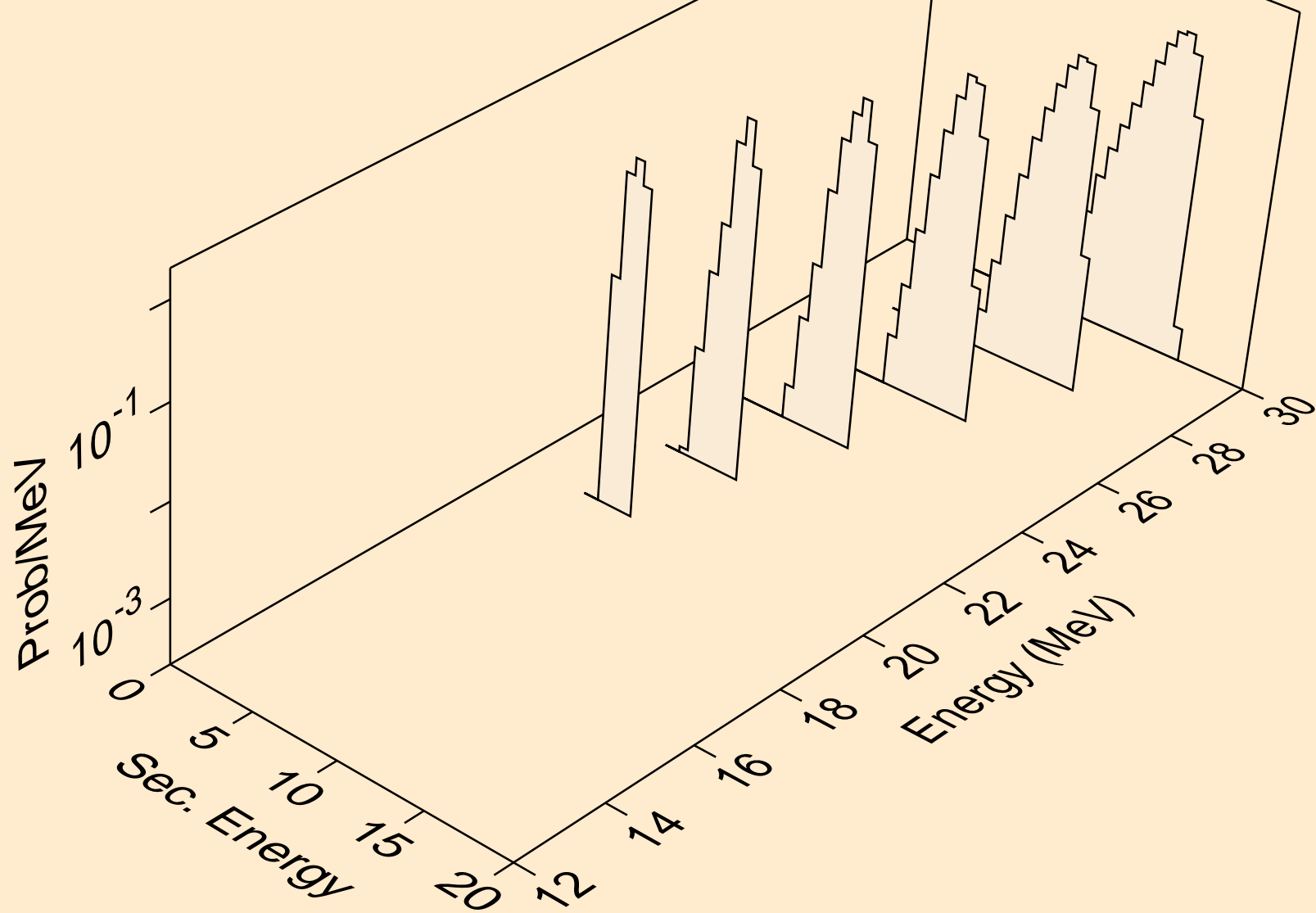




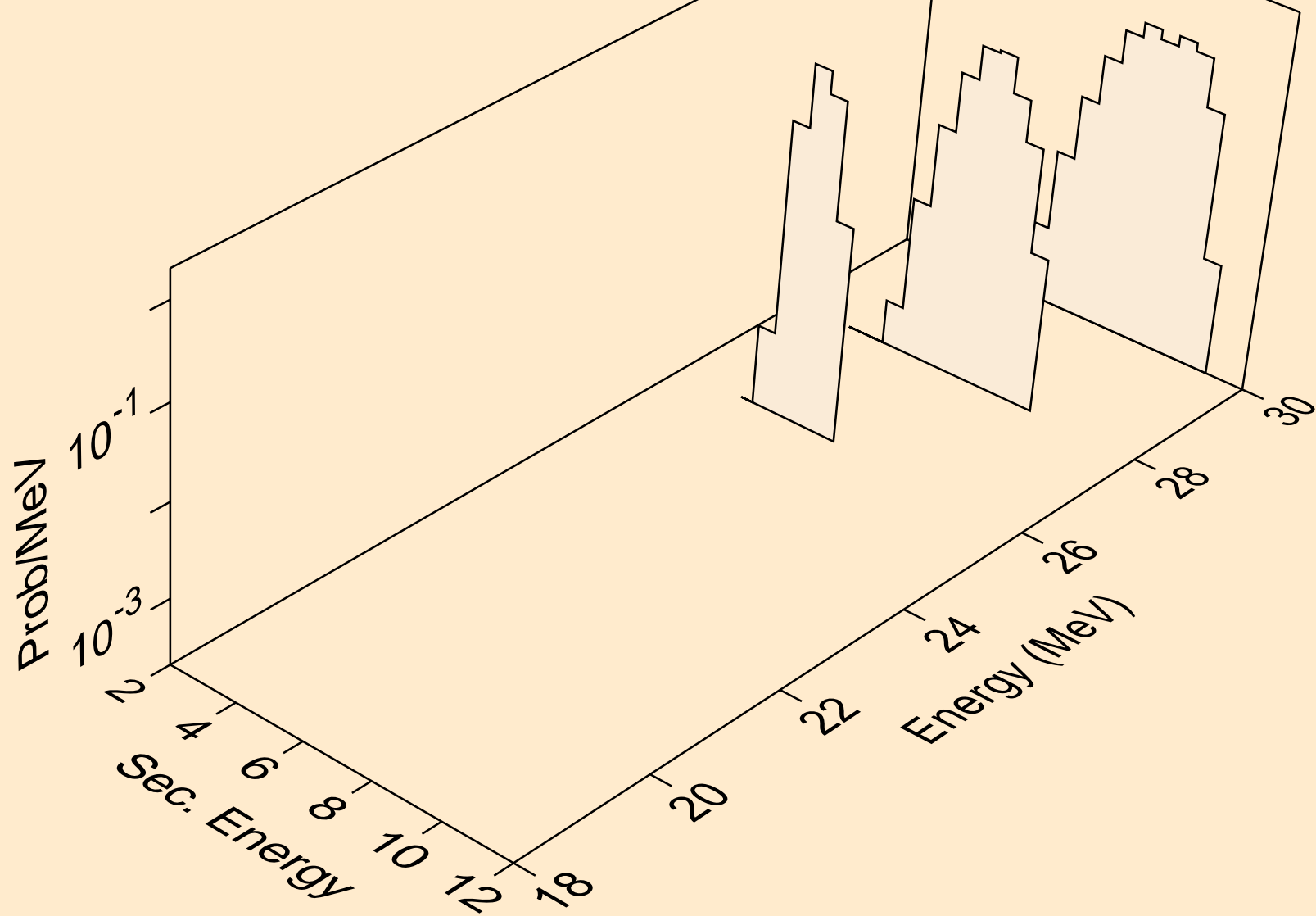
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



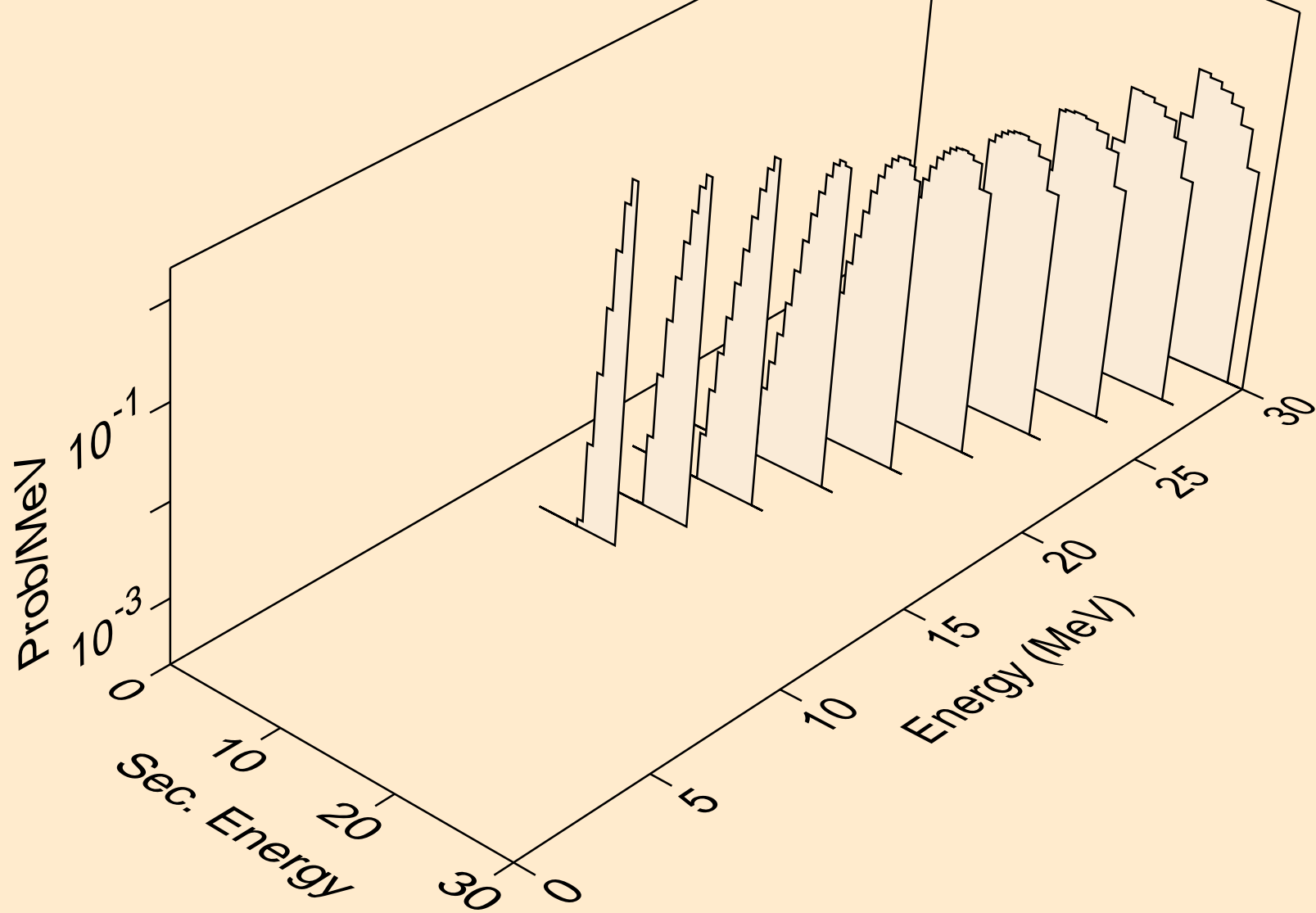
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Alpha emission for (a,2n)a



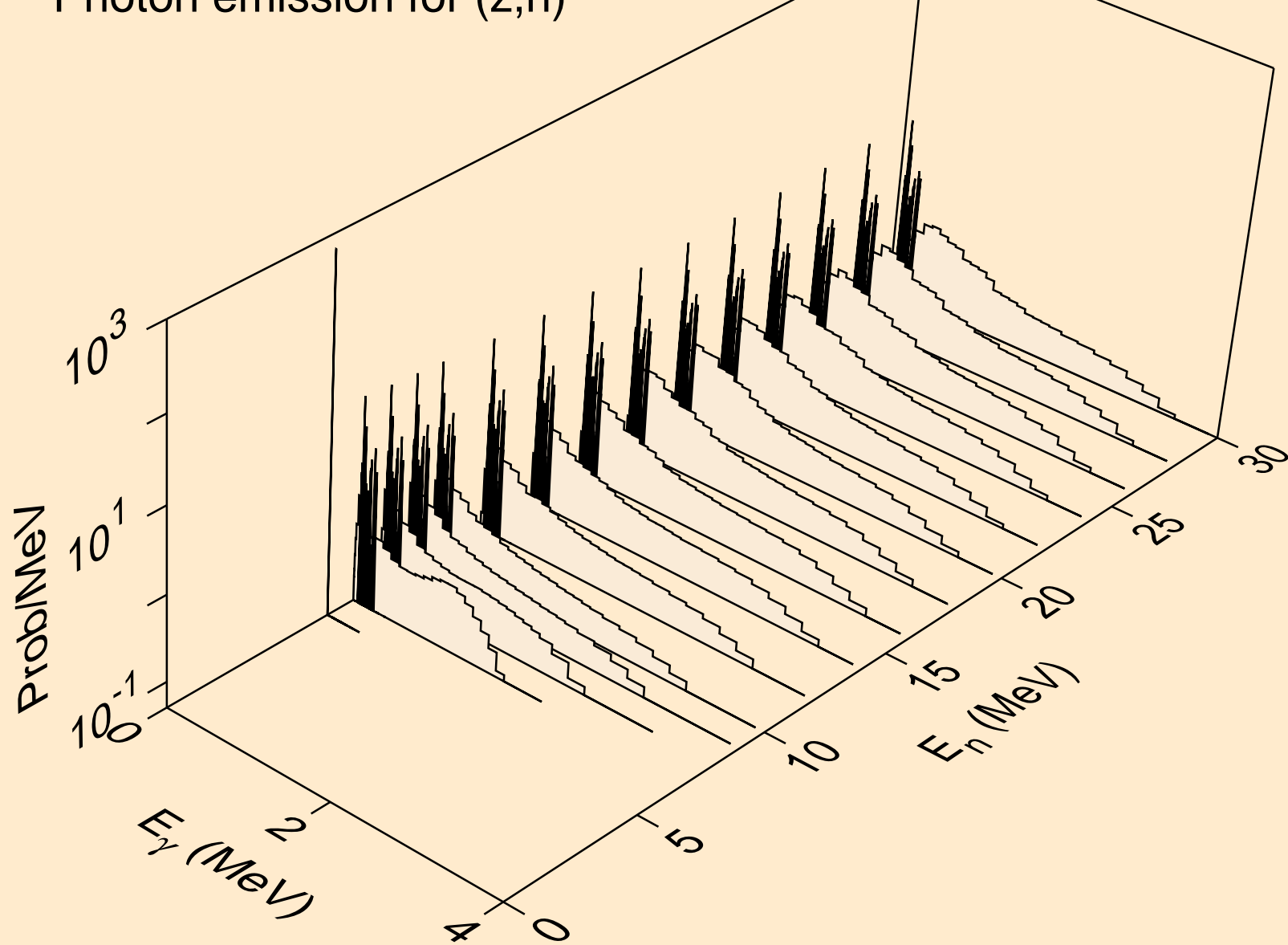
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



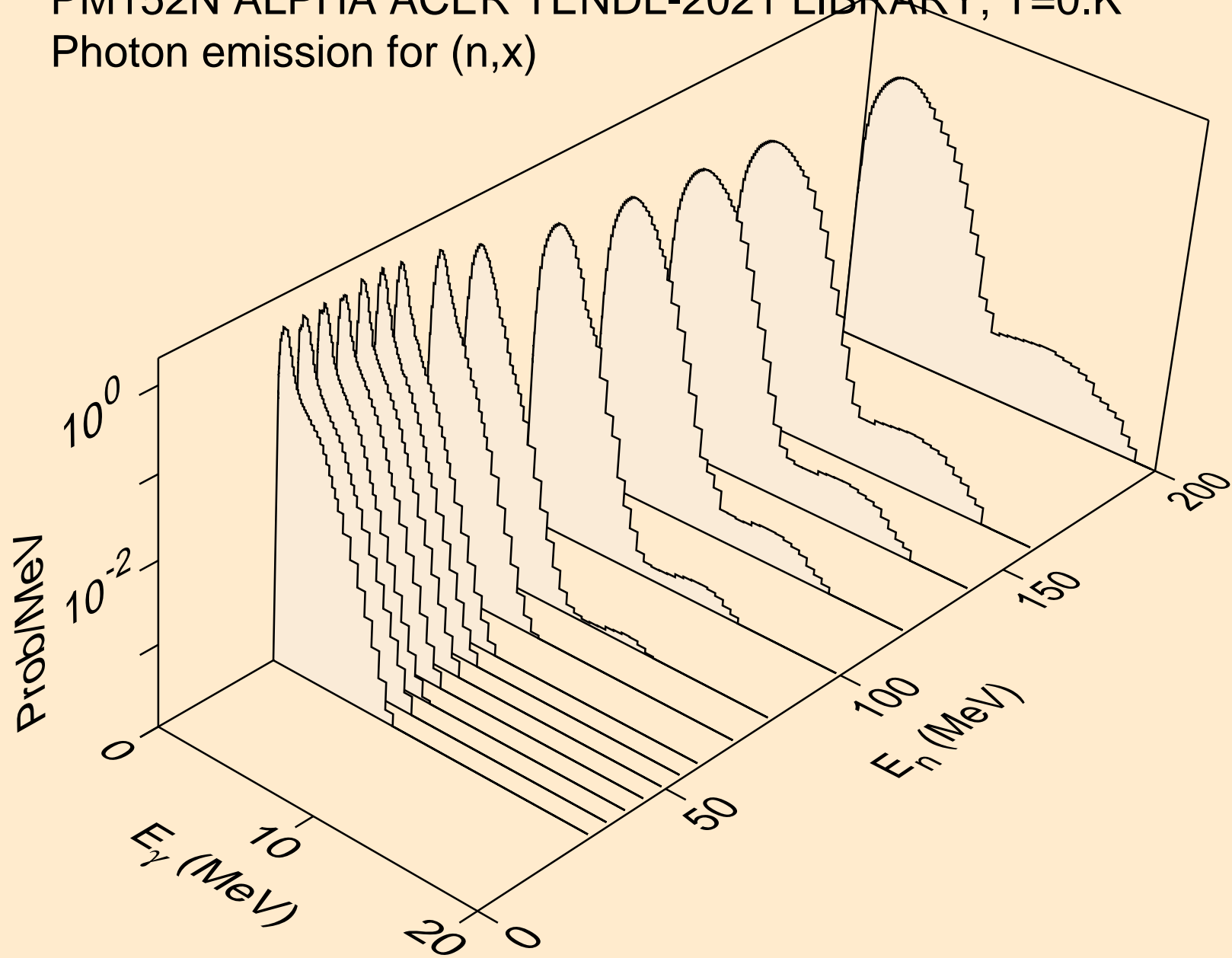
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



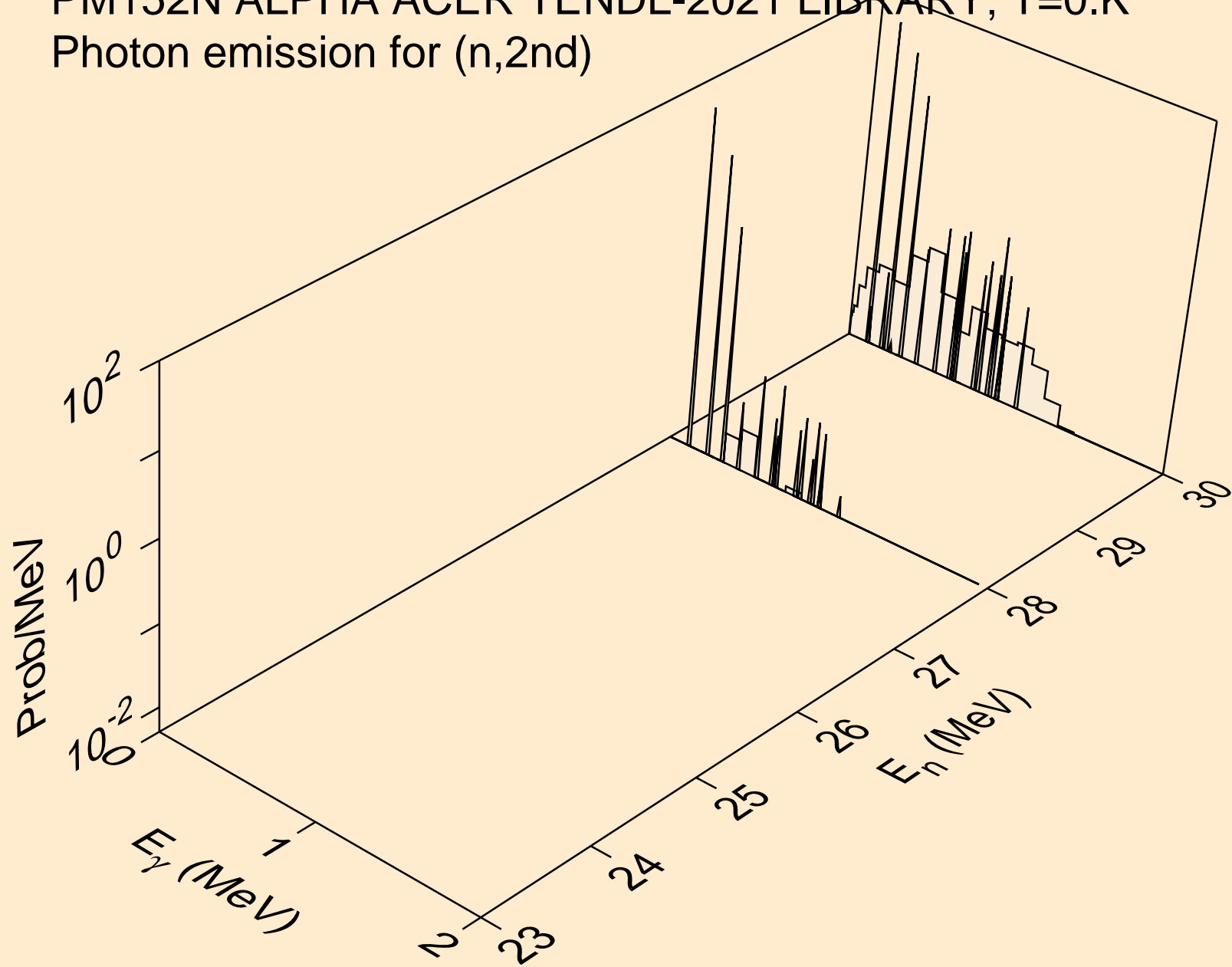
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Photon emission for (z,n)



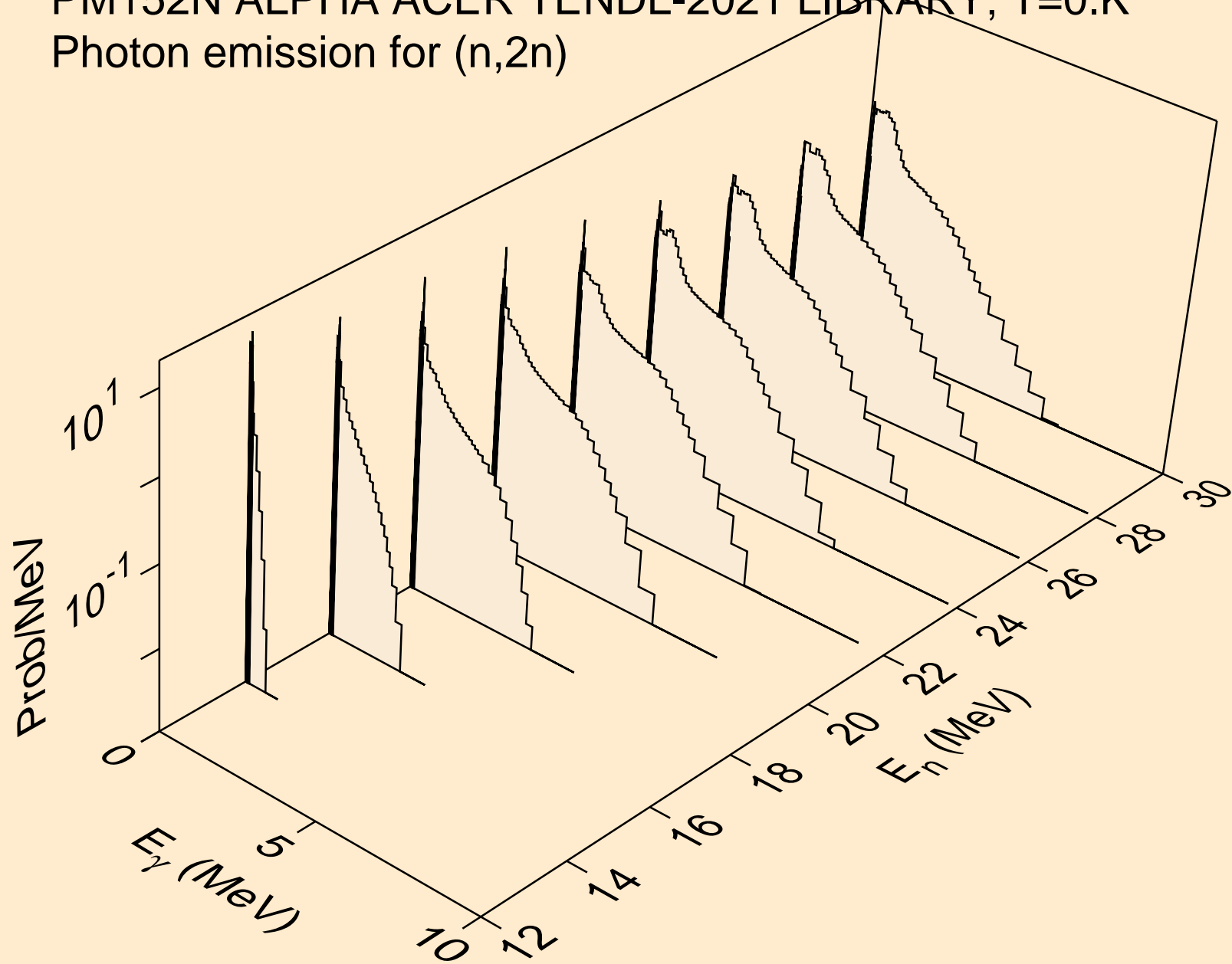
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

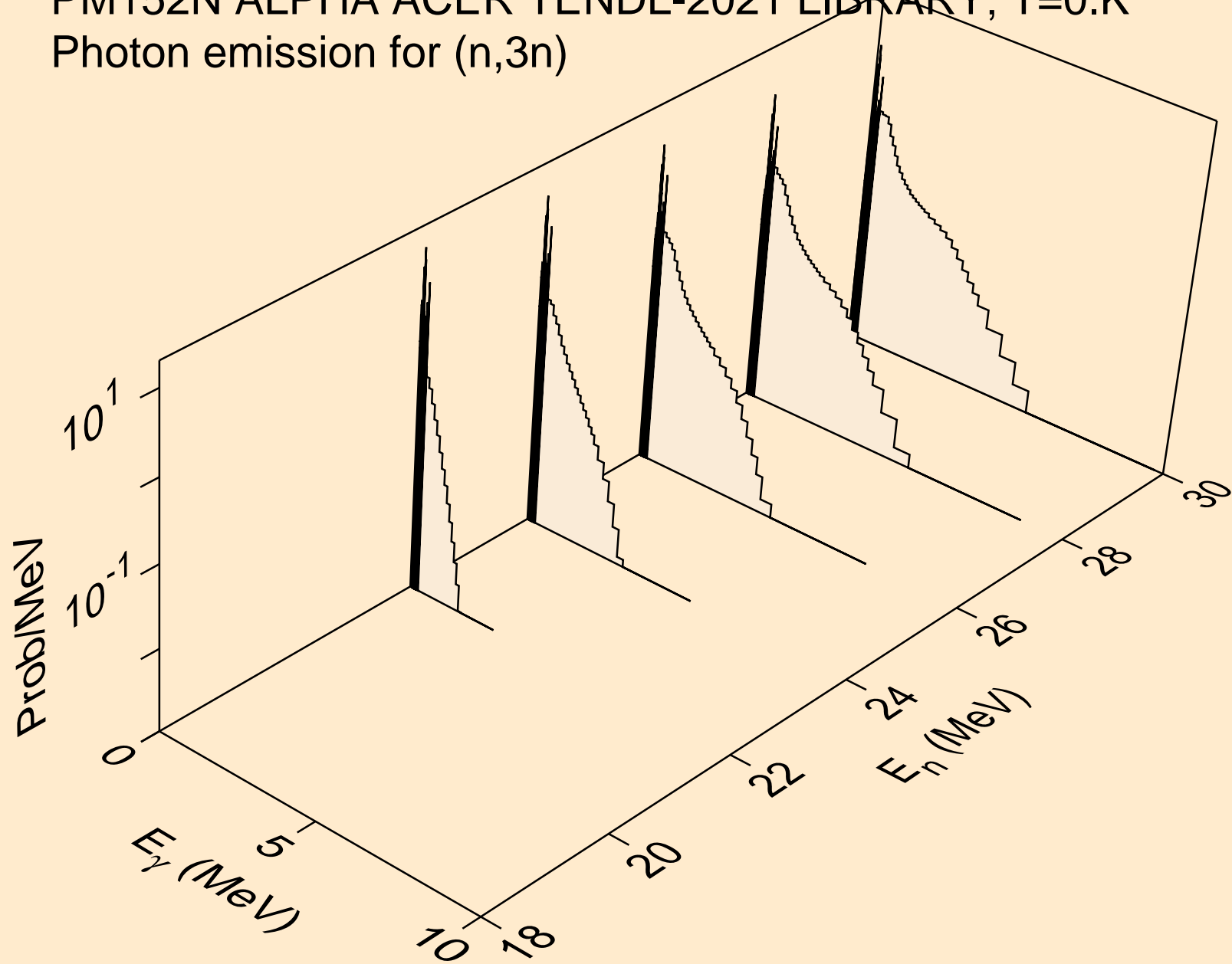


PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

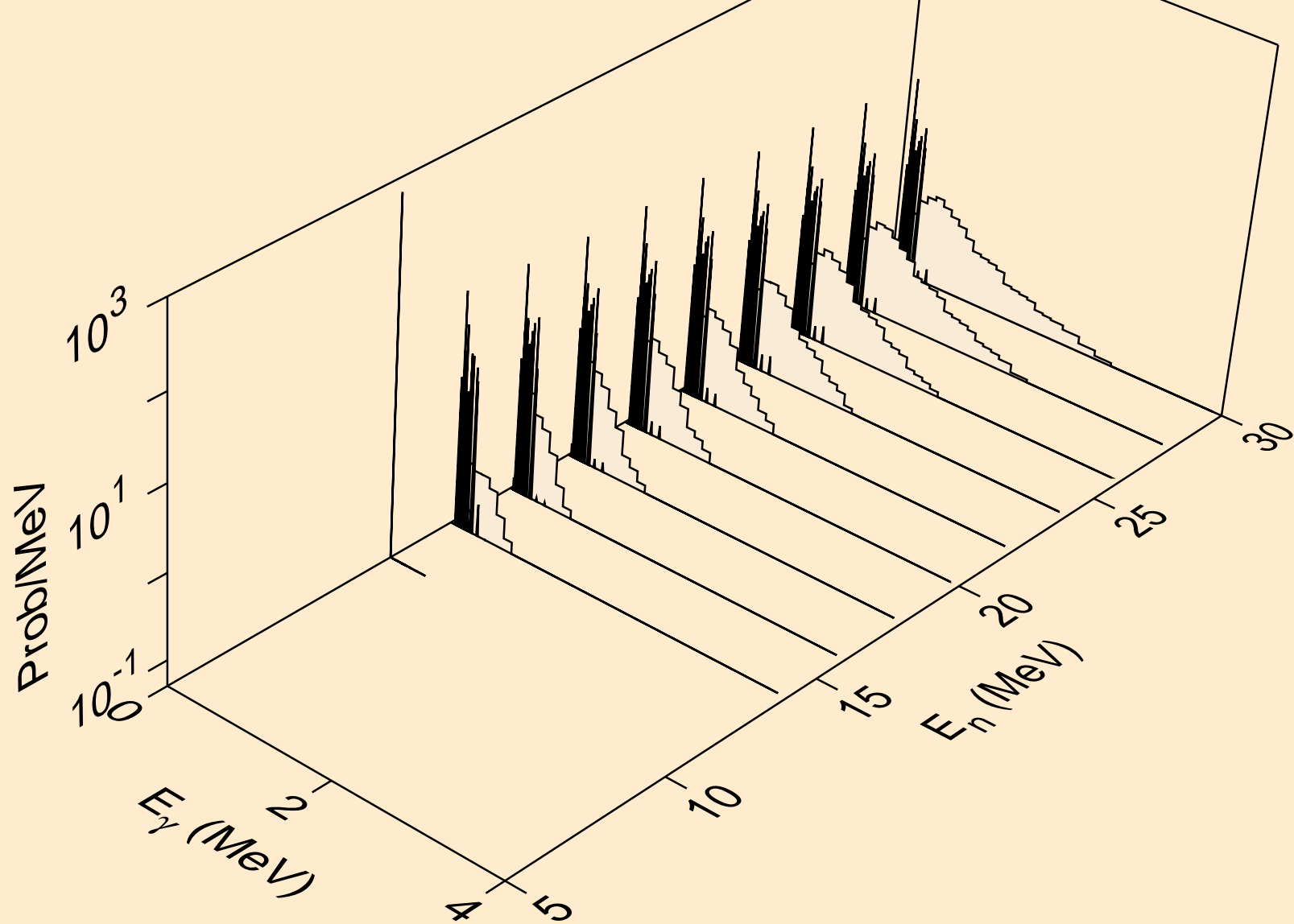




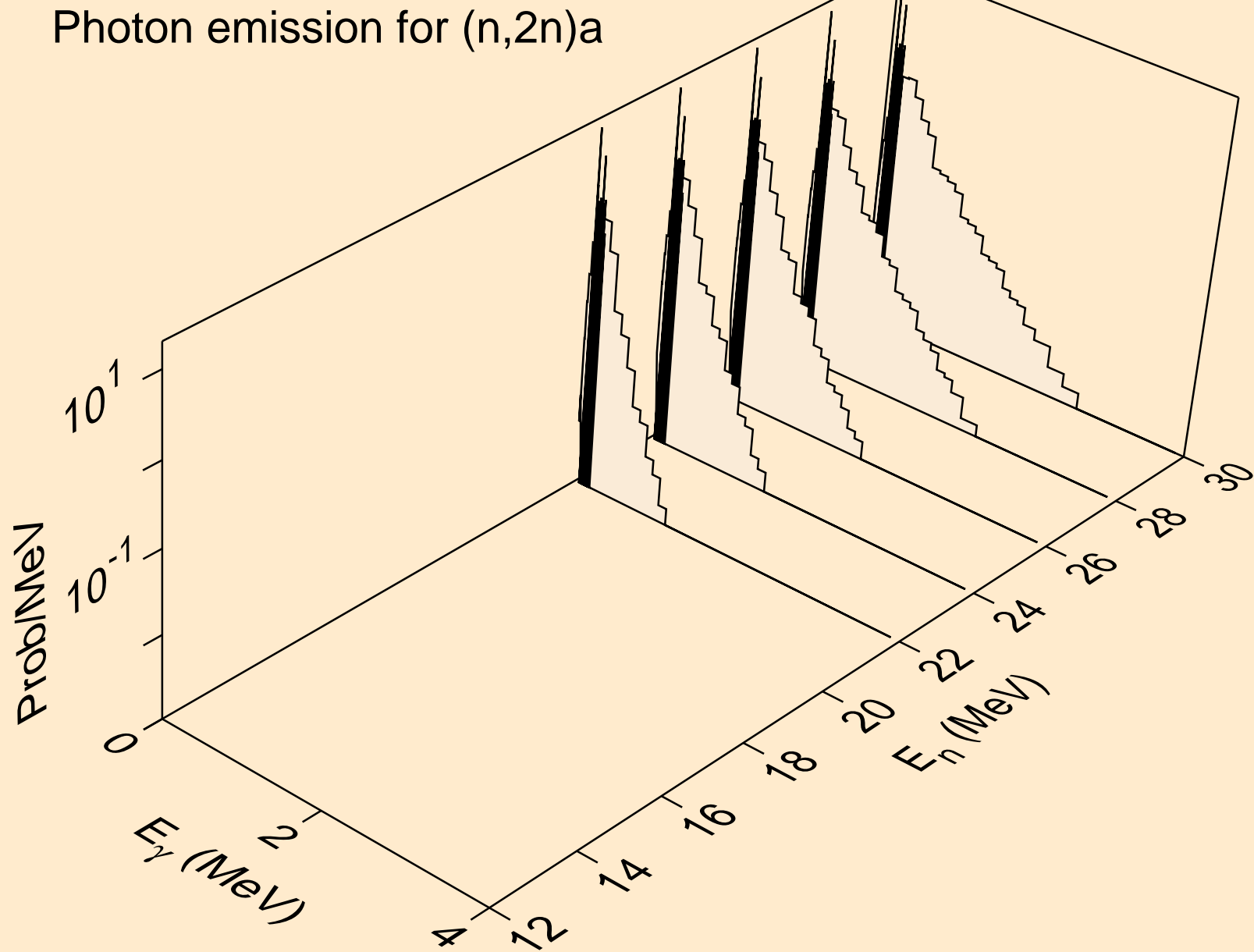
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Photon emission for (n,3n)



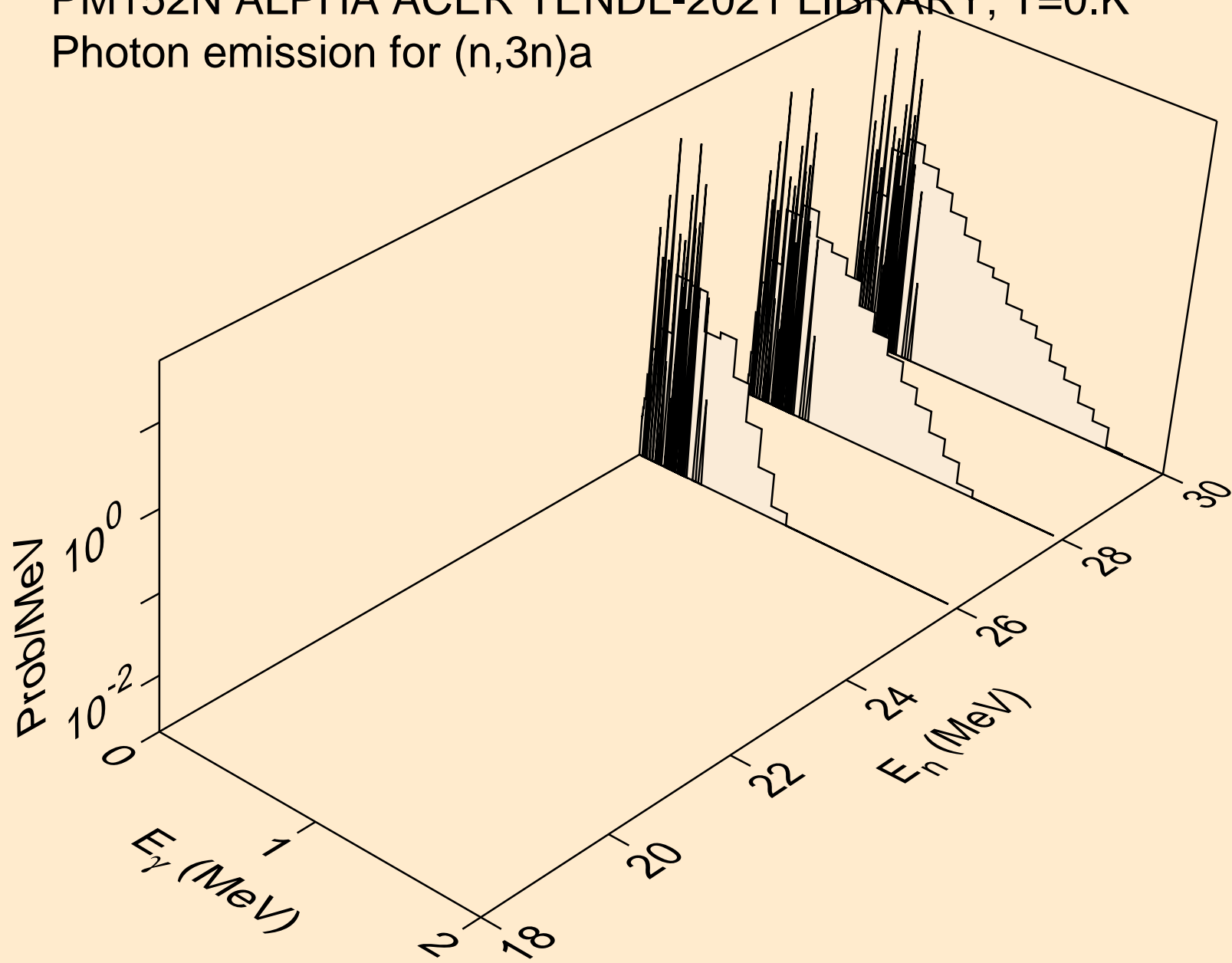
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



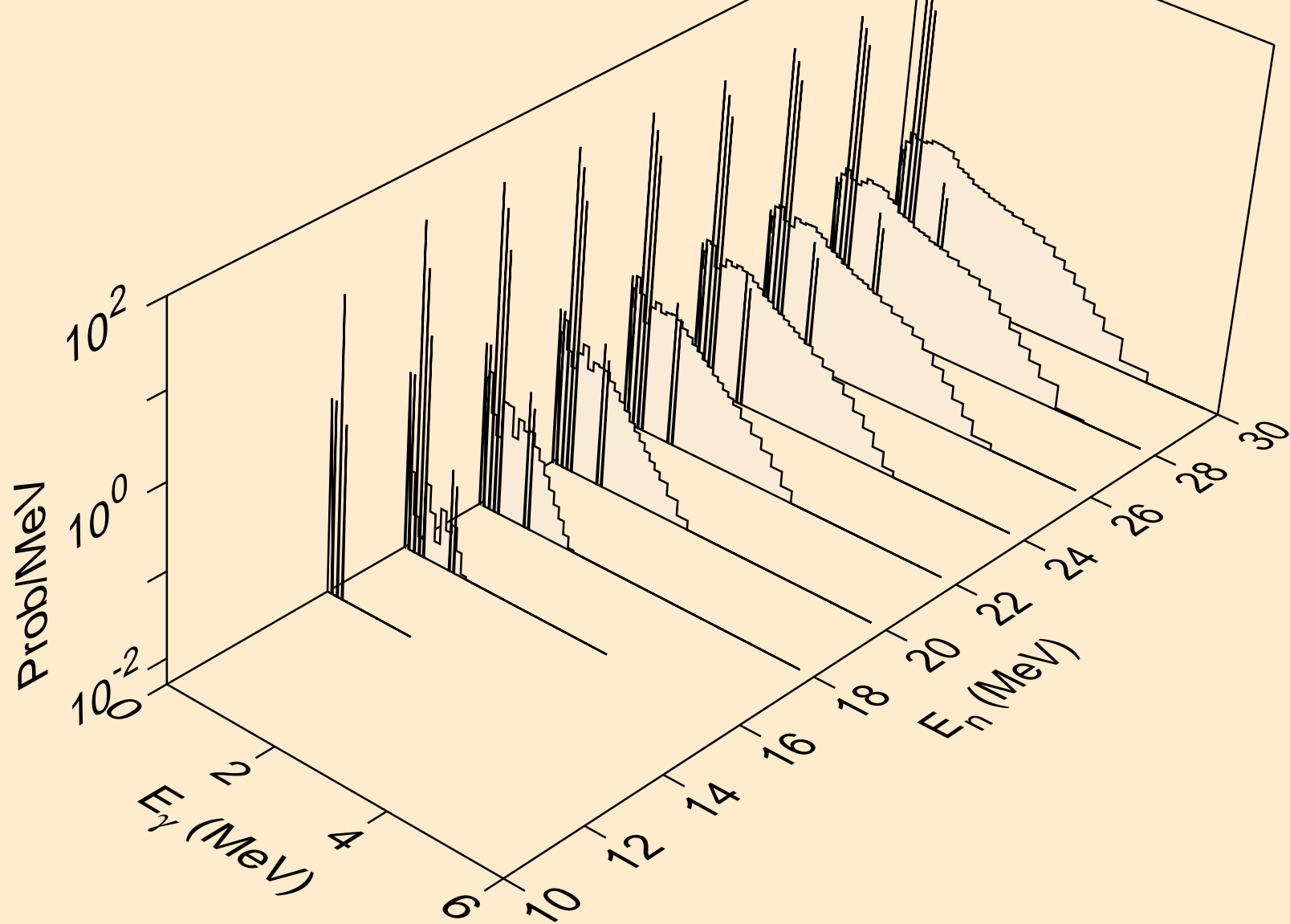
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



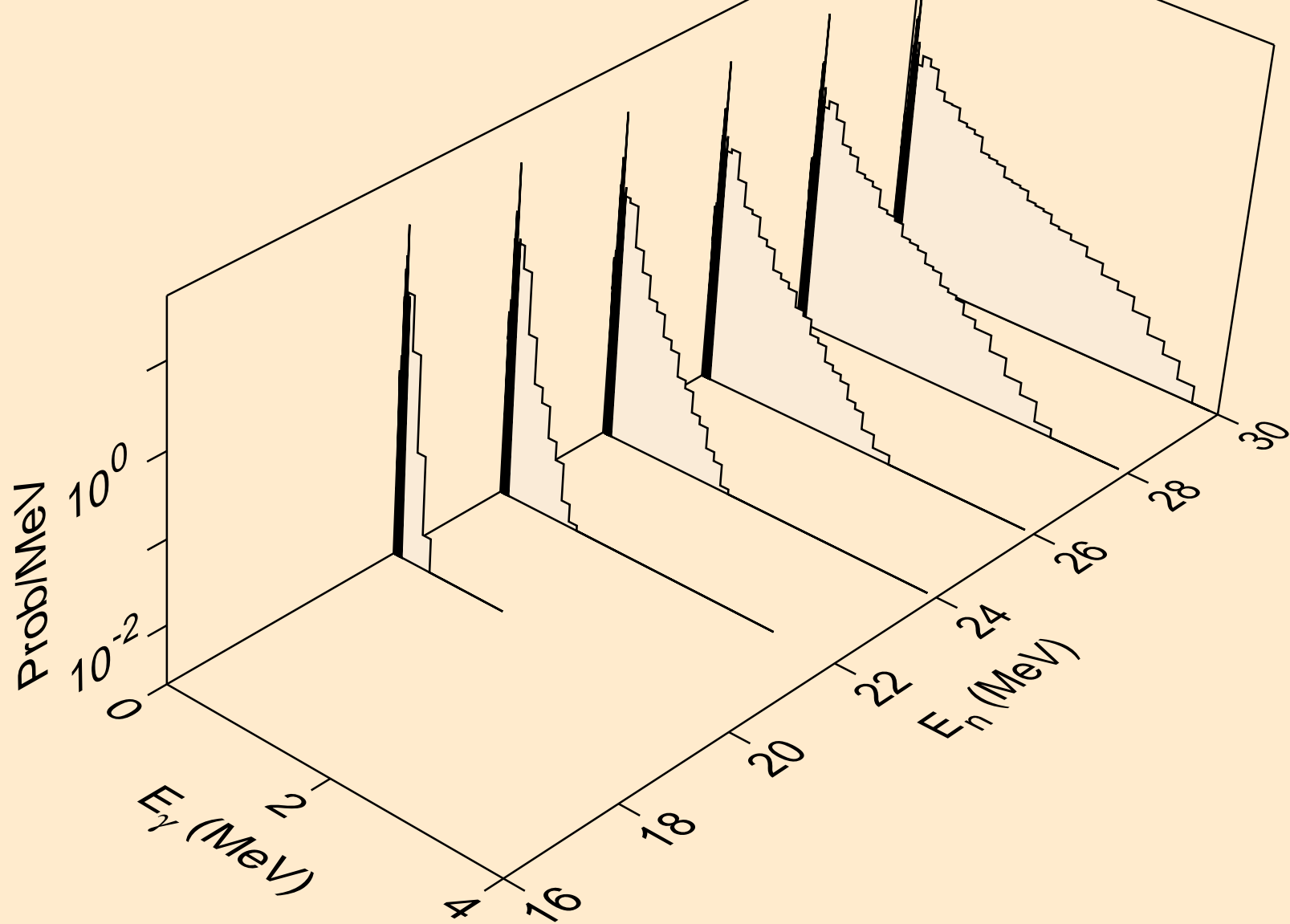
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



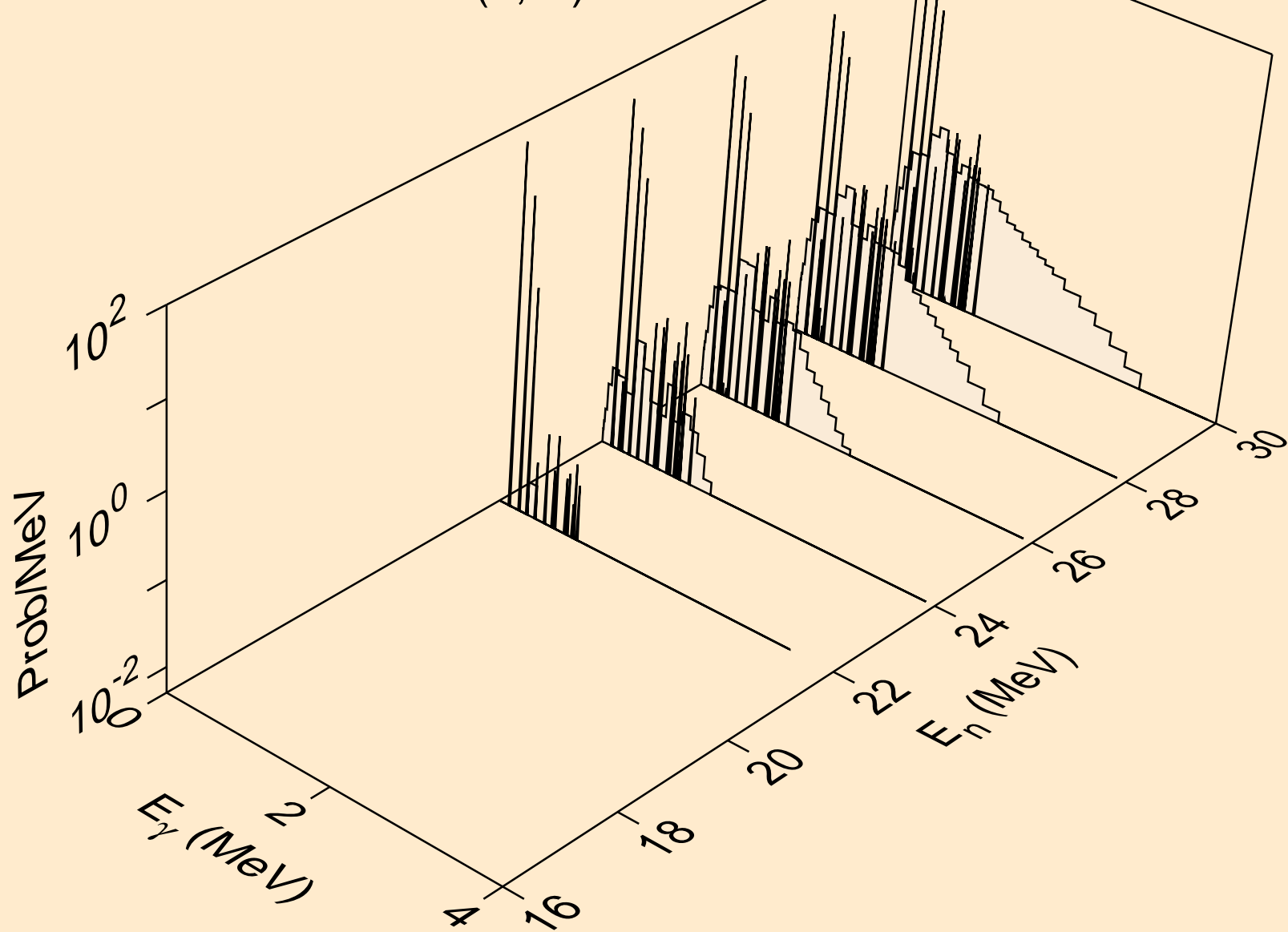
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



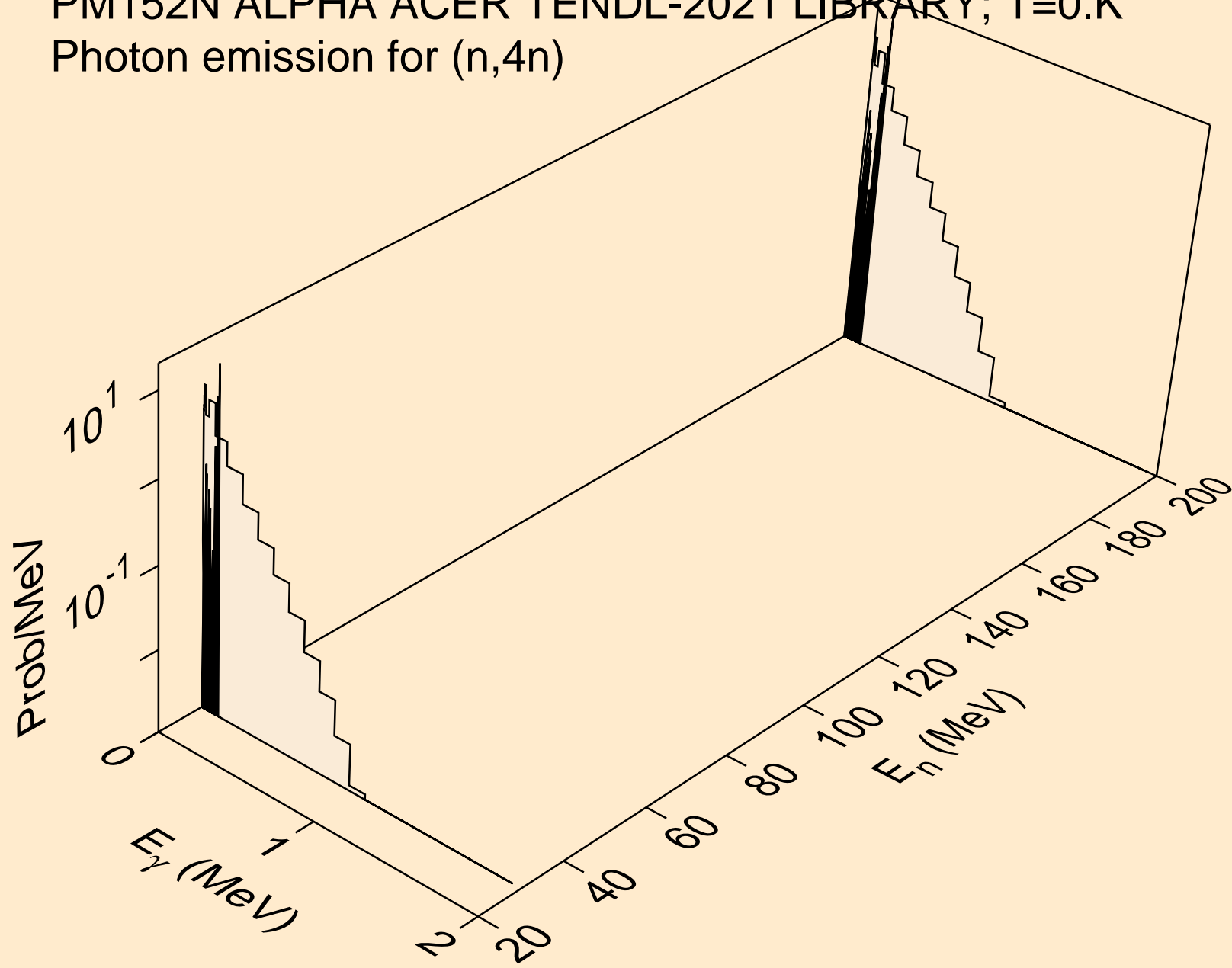
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

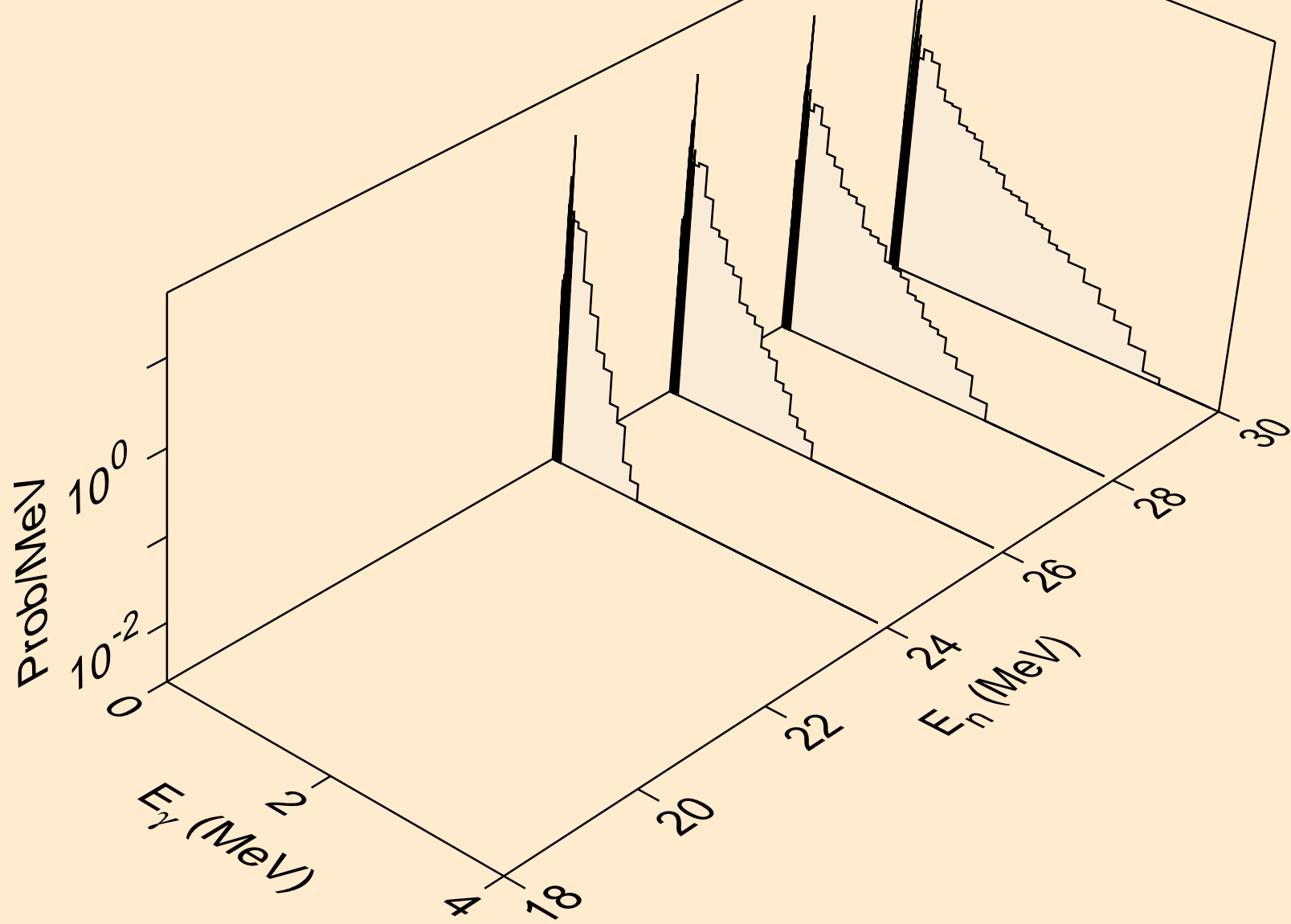


PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

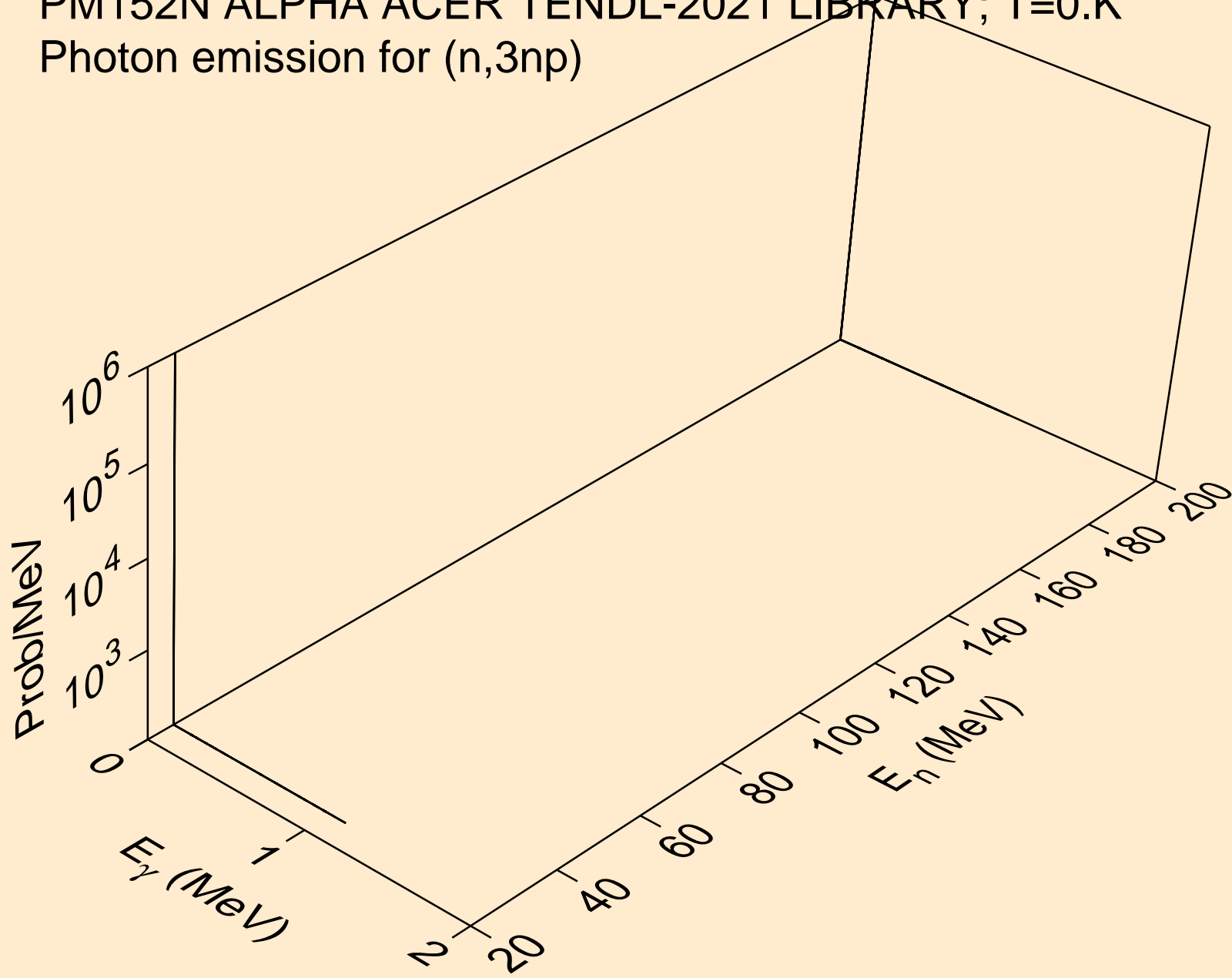




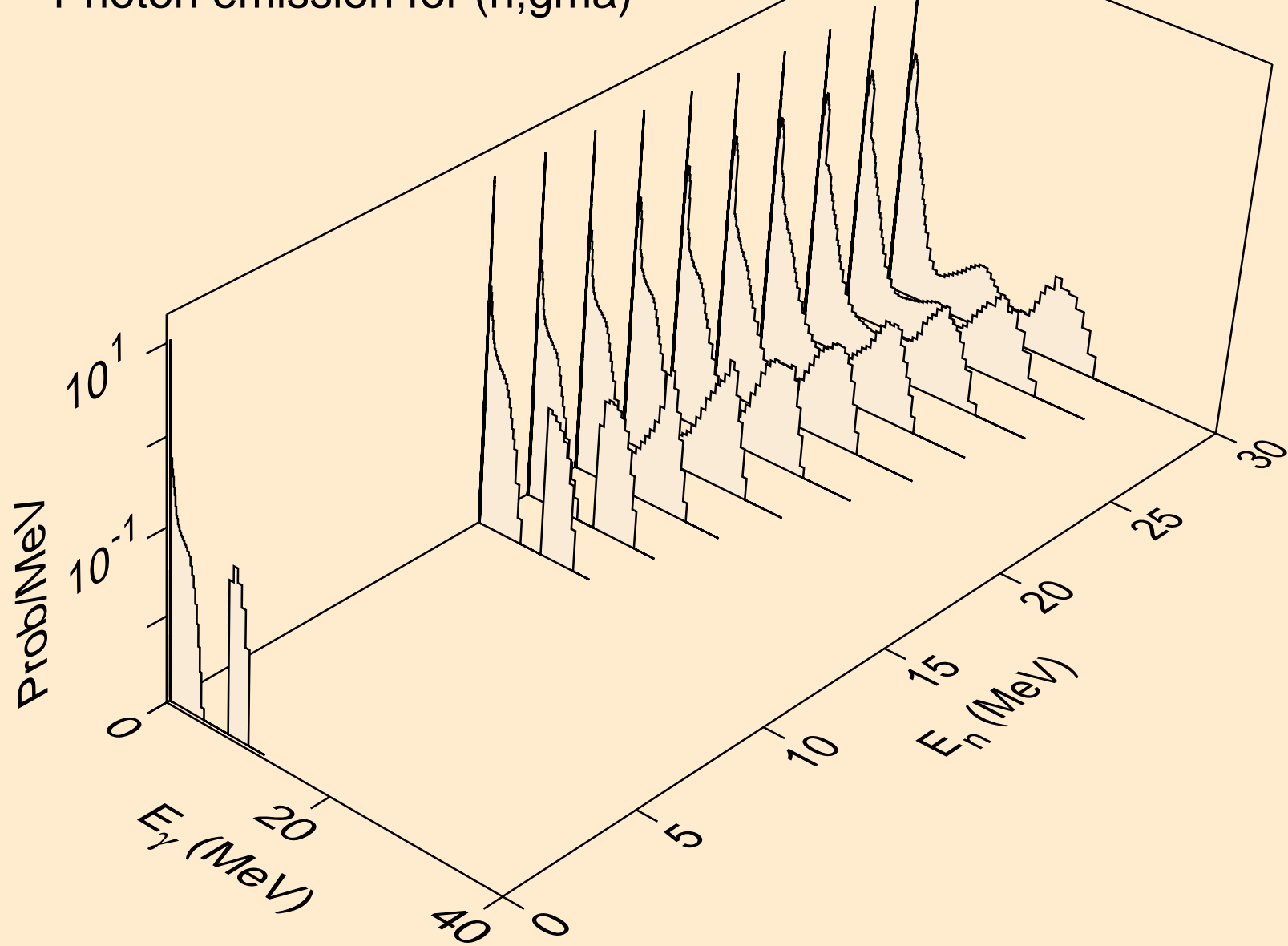
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Photon emission for (n,2np)



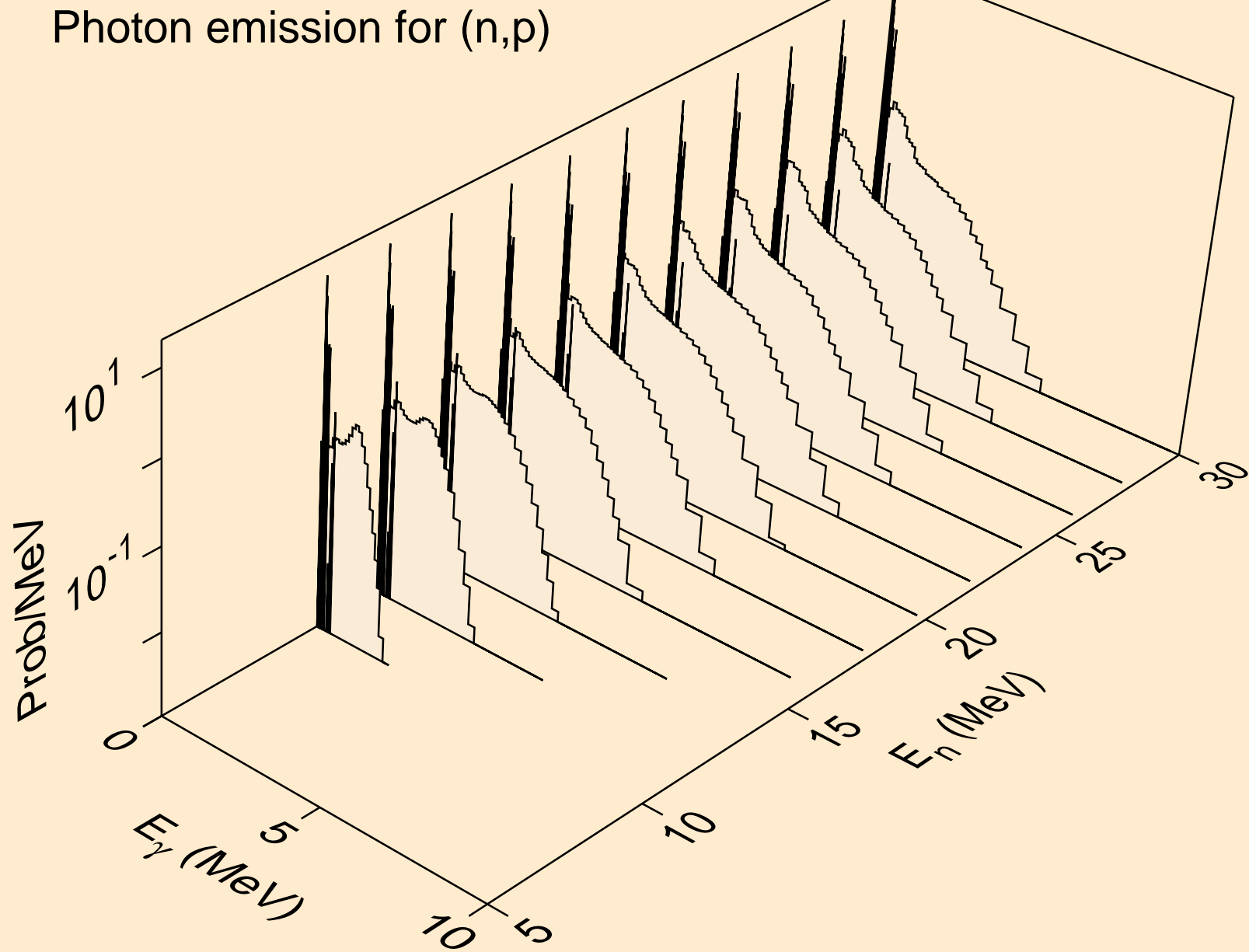
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Photon emission for (n,3np)



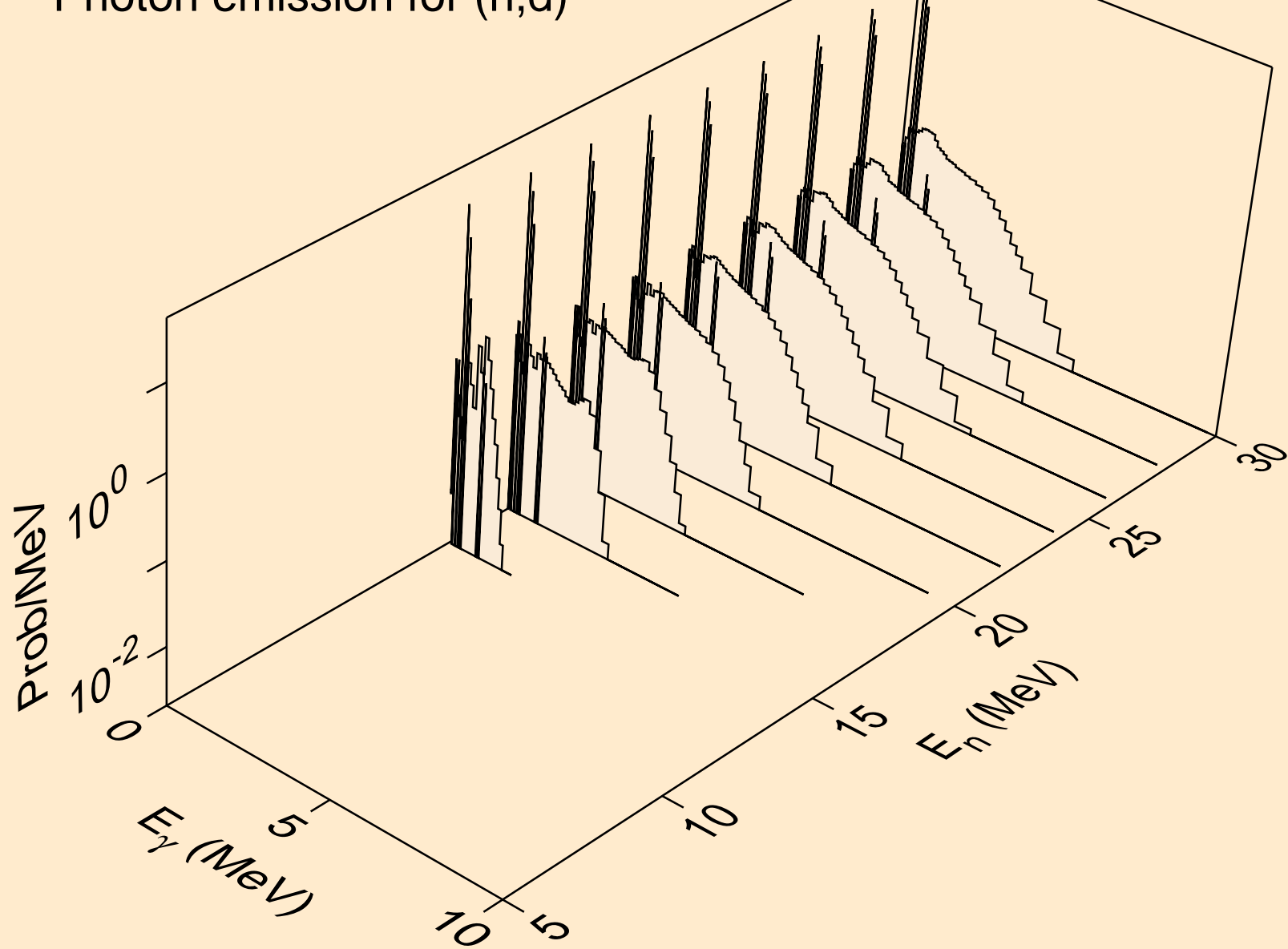
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Photon emission for (n,gma)



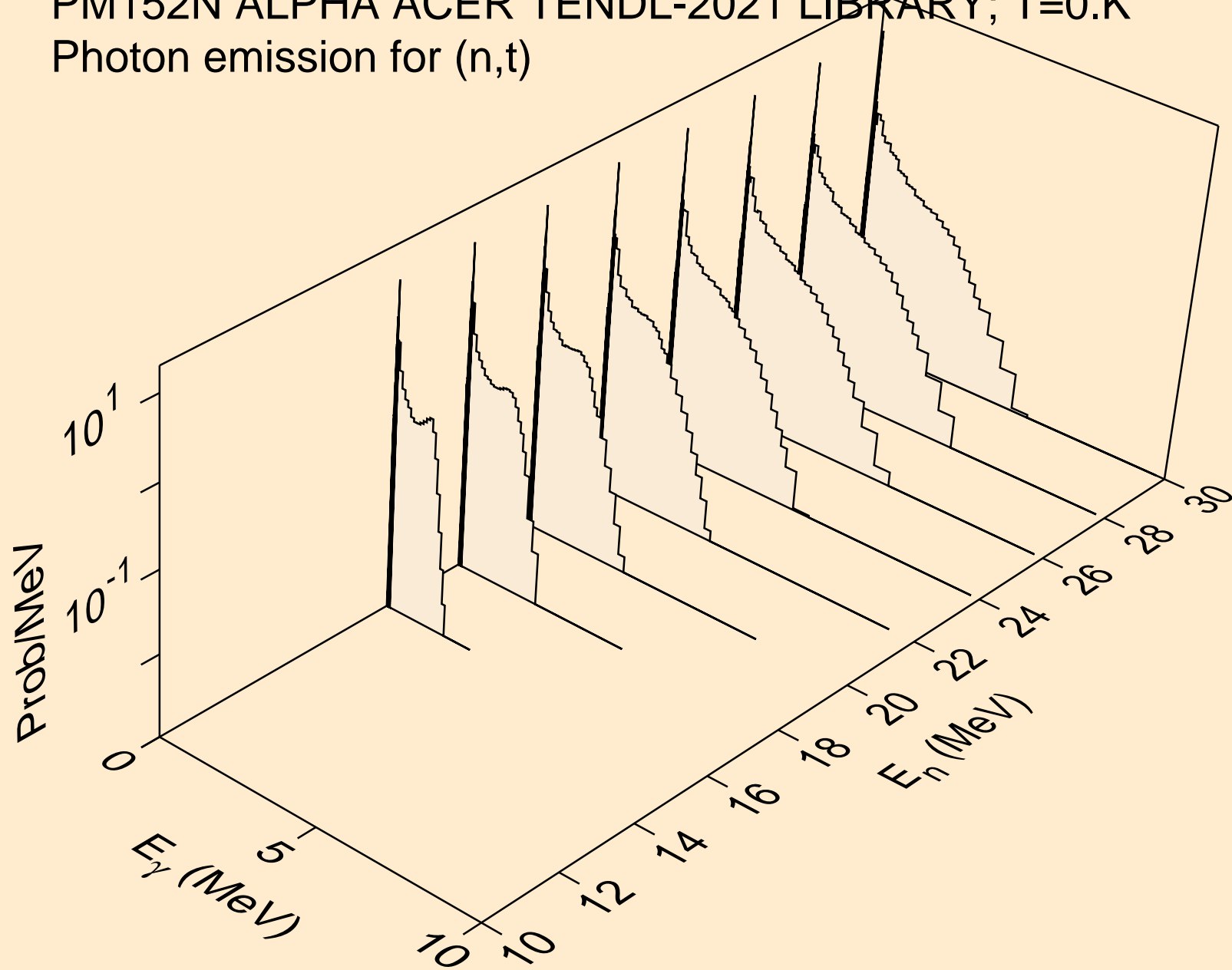
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Photon emission for (n,p)



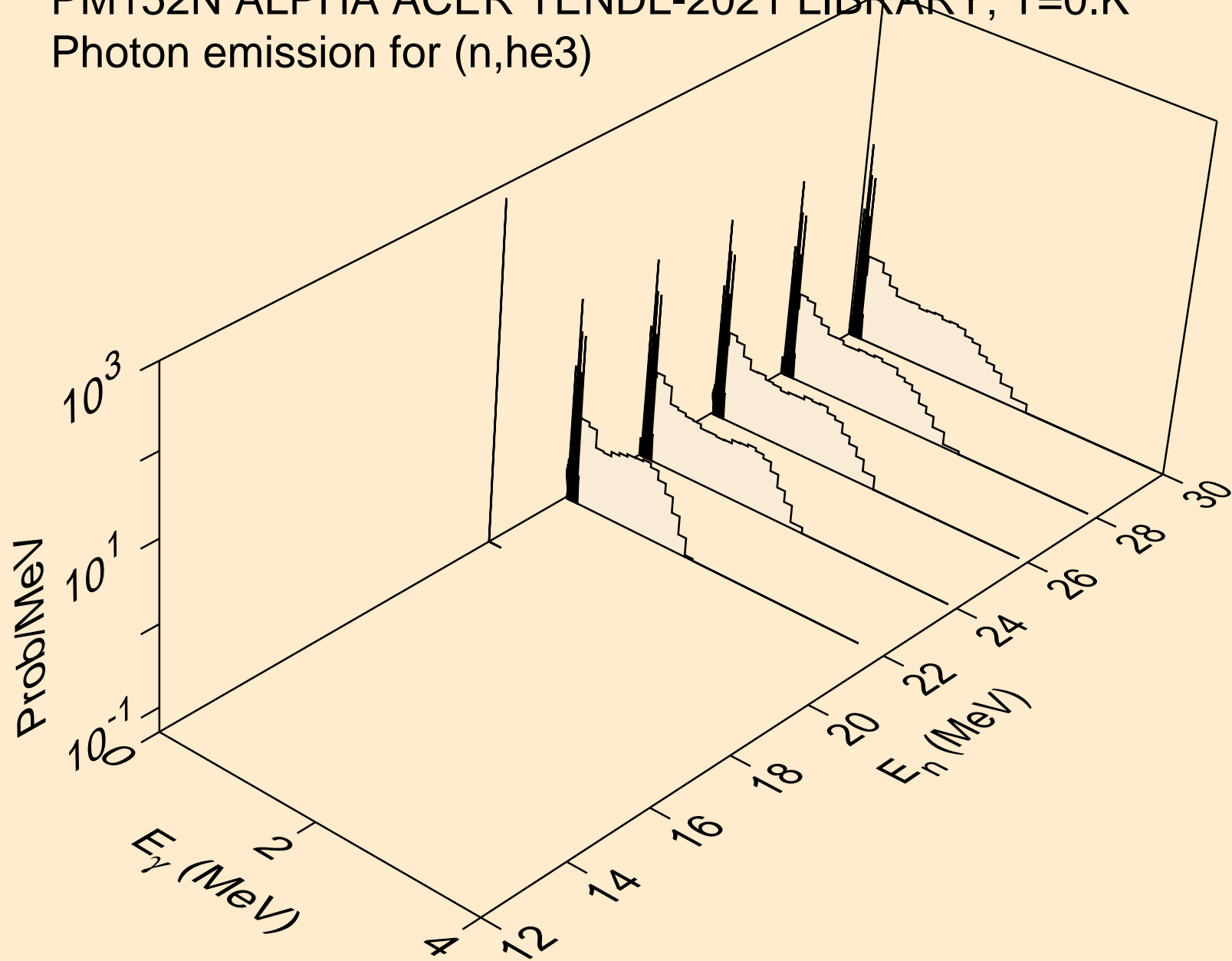
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Photon emission for (n,d)



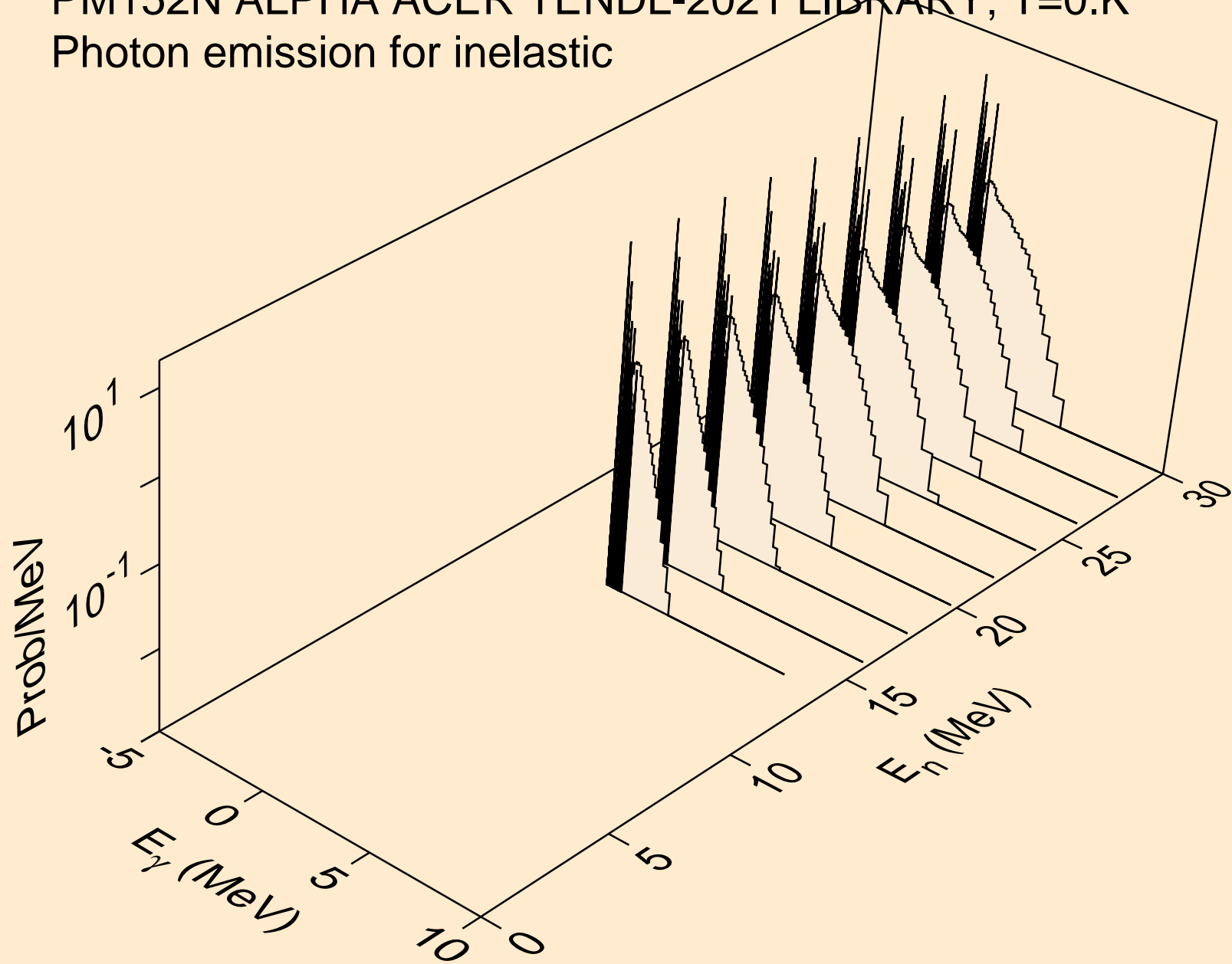
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

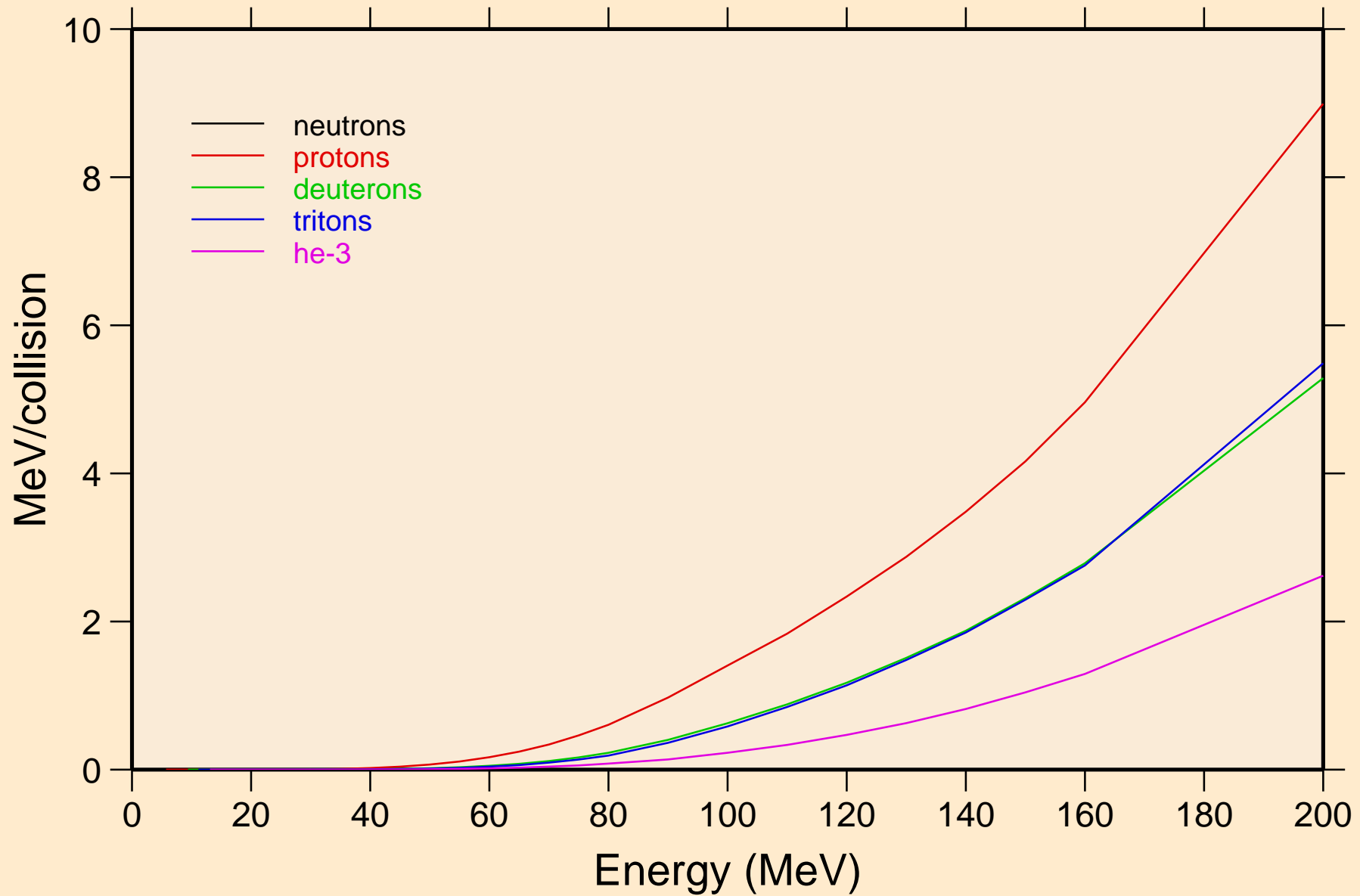


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Photon emission for inelastic

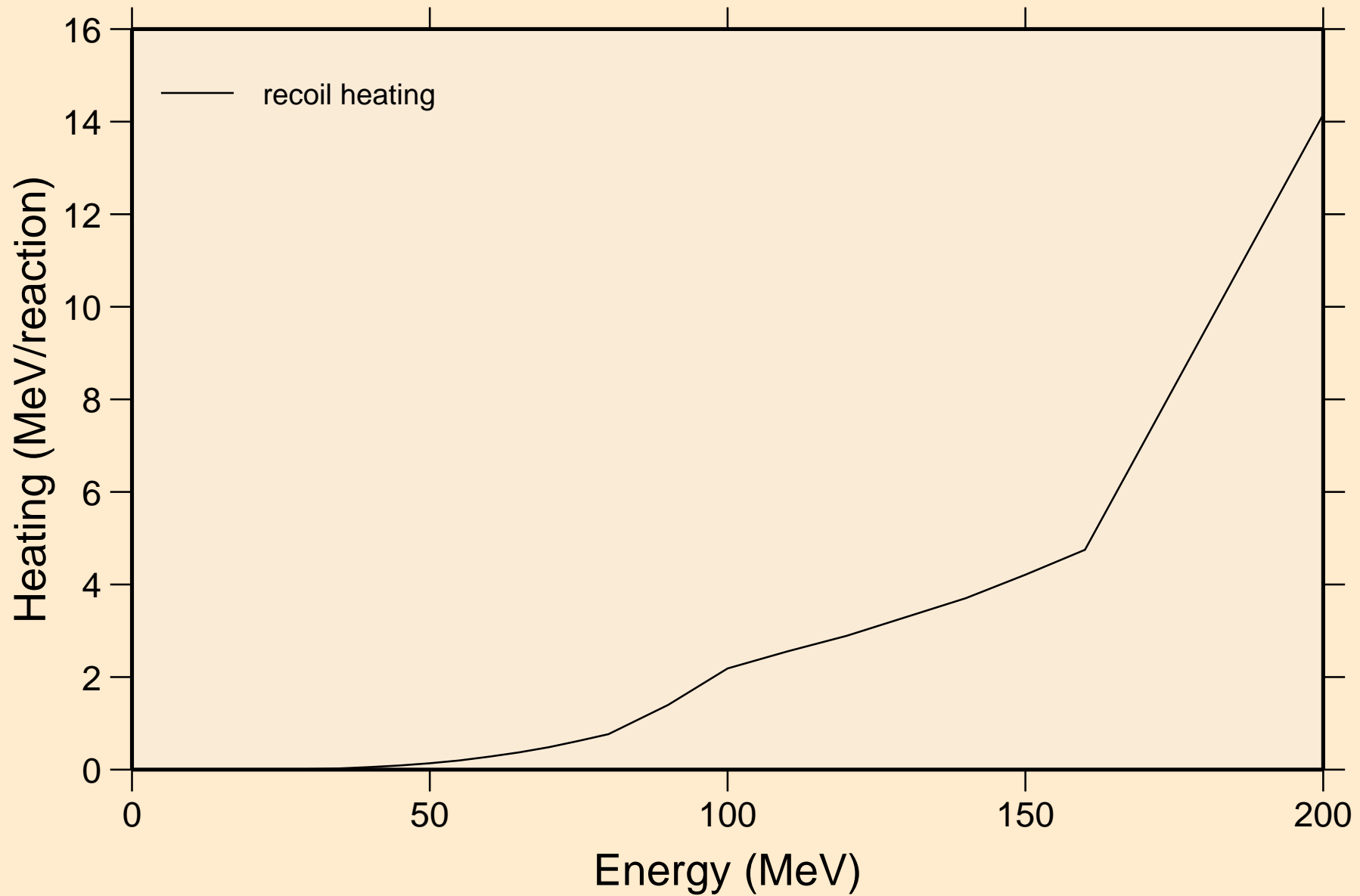




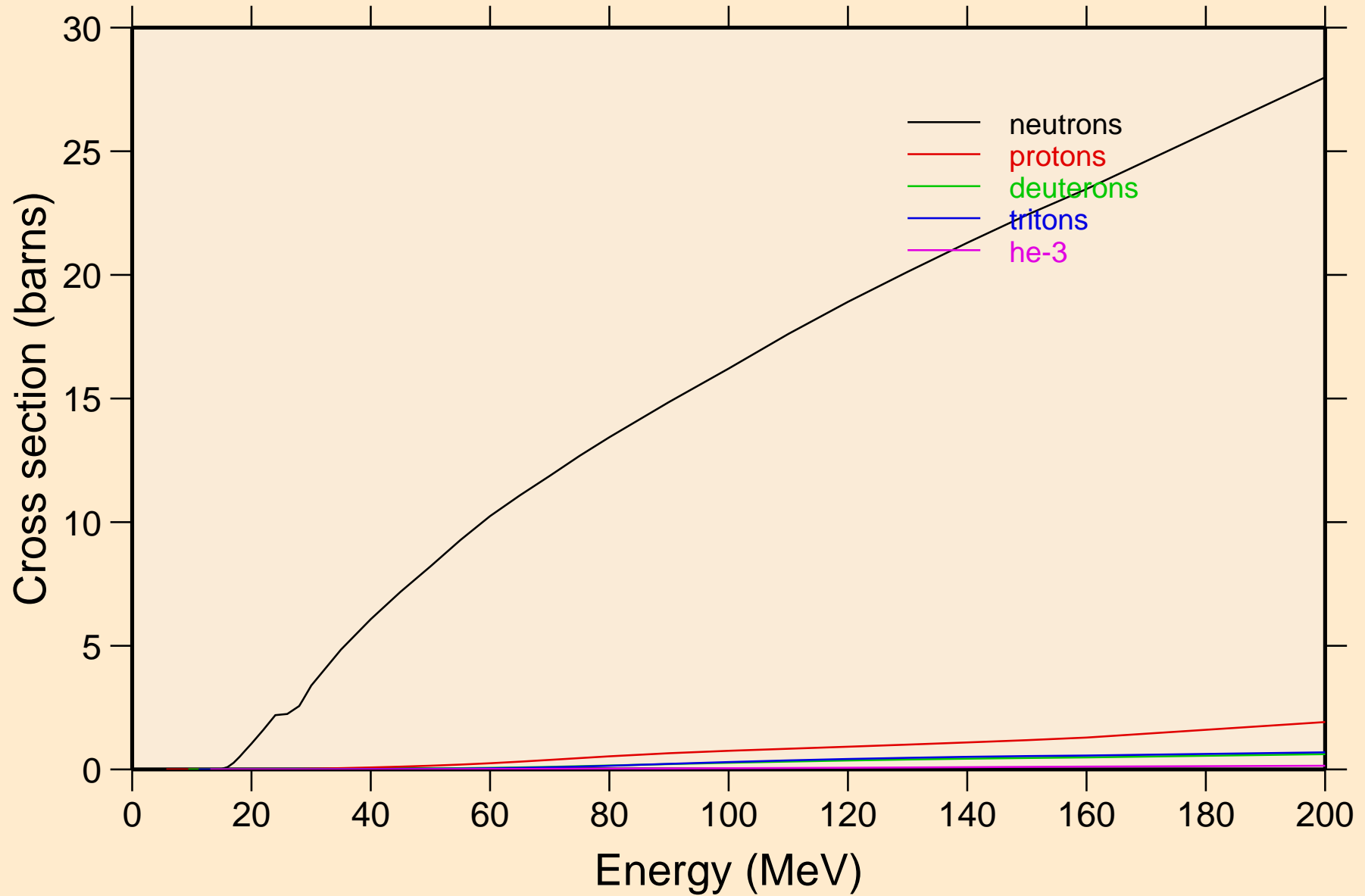
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Particle heating contributions



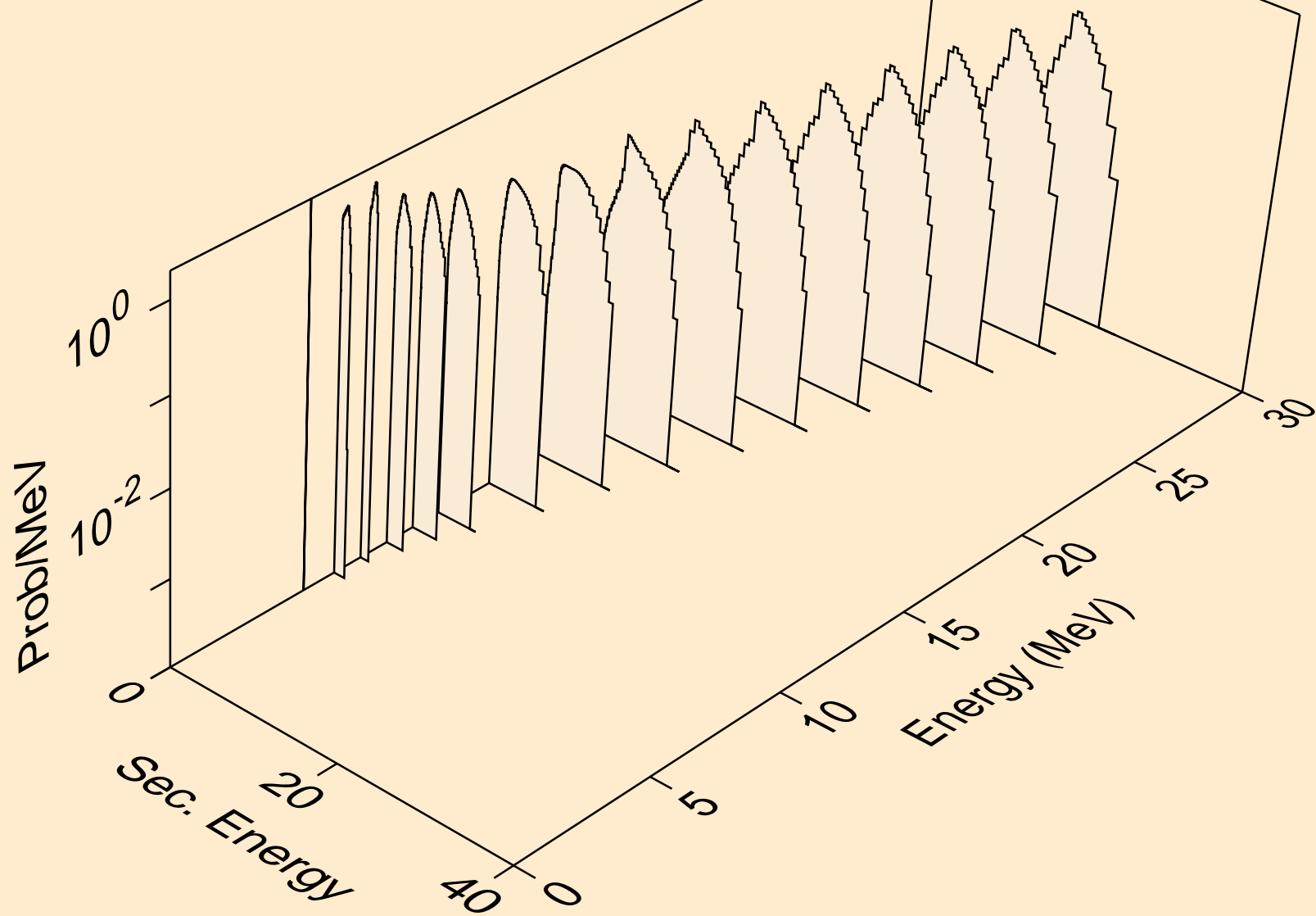
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Recoil Heating



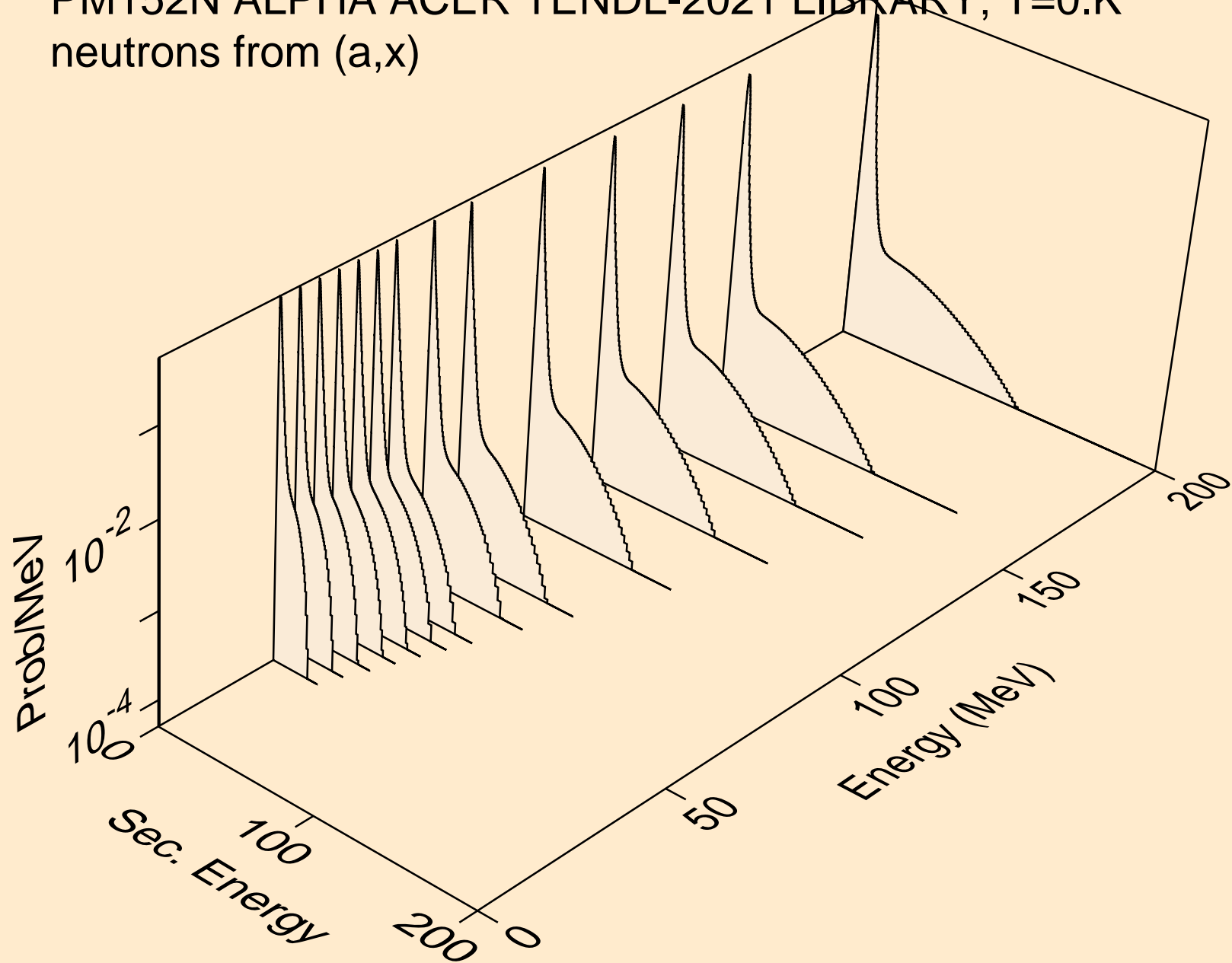
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Particle production cross sections



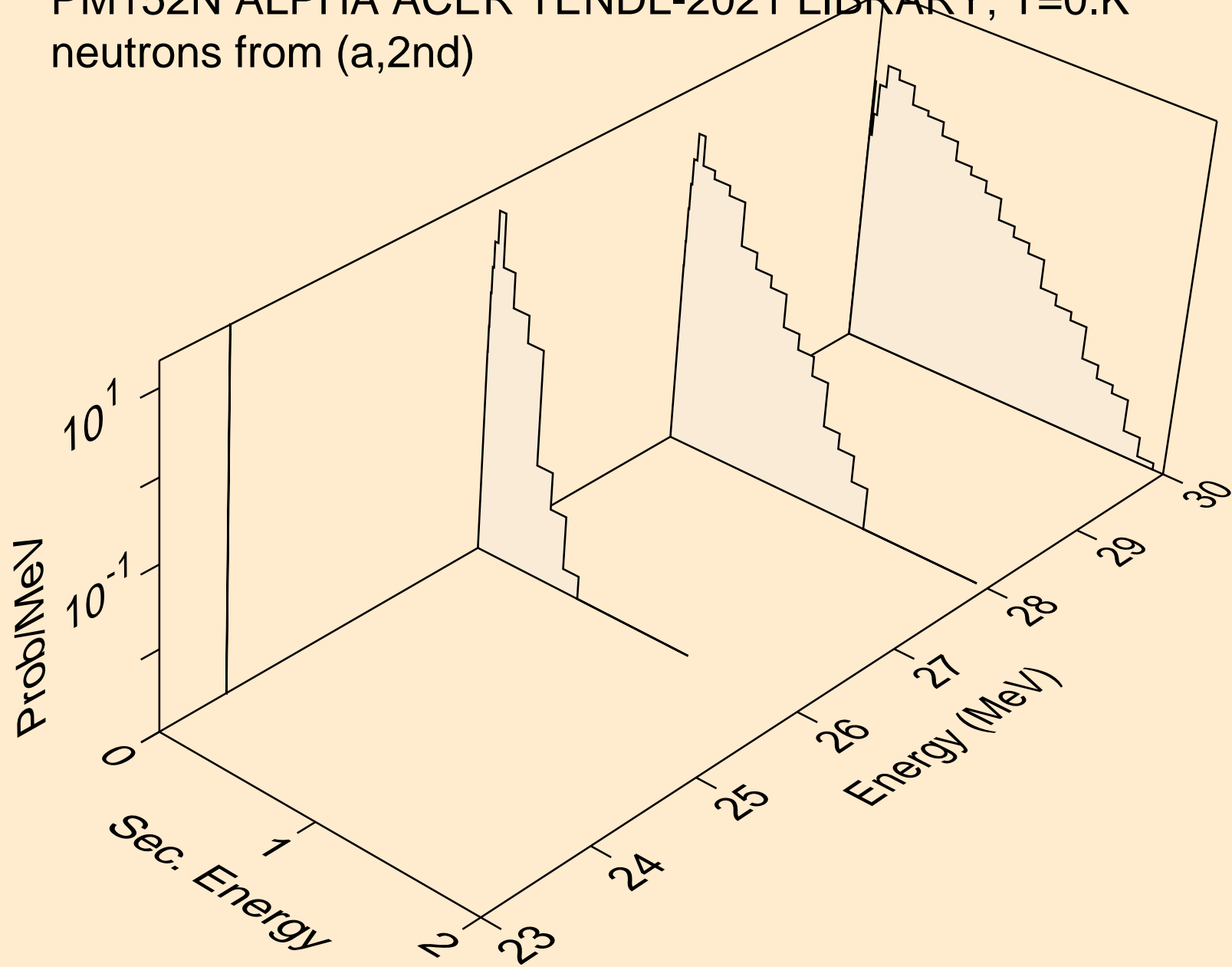
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



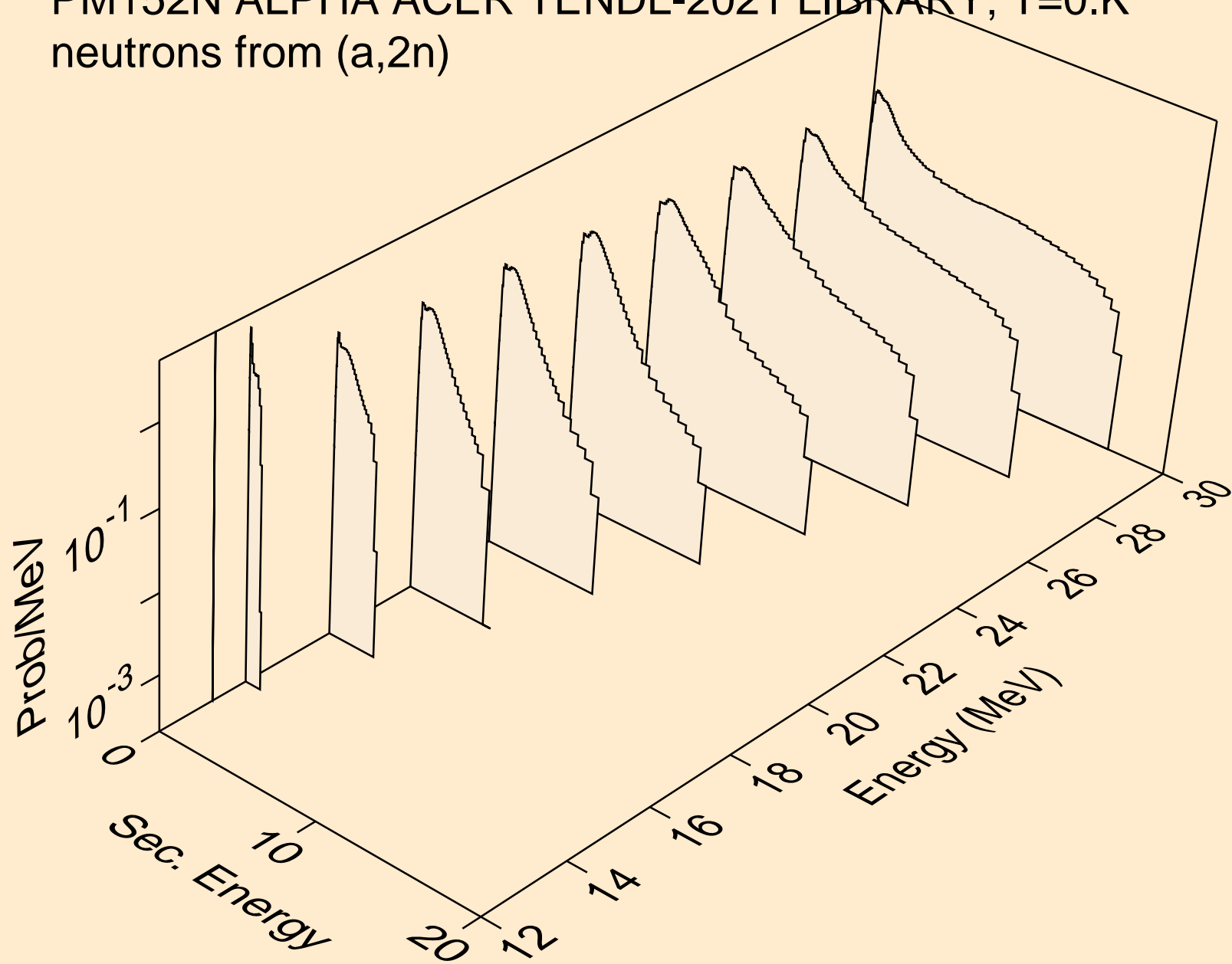
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



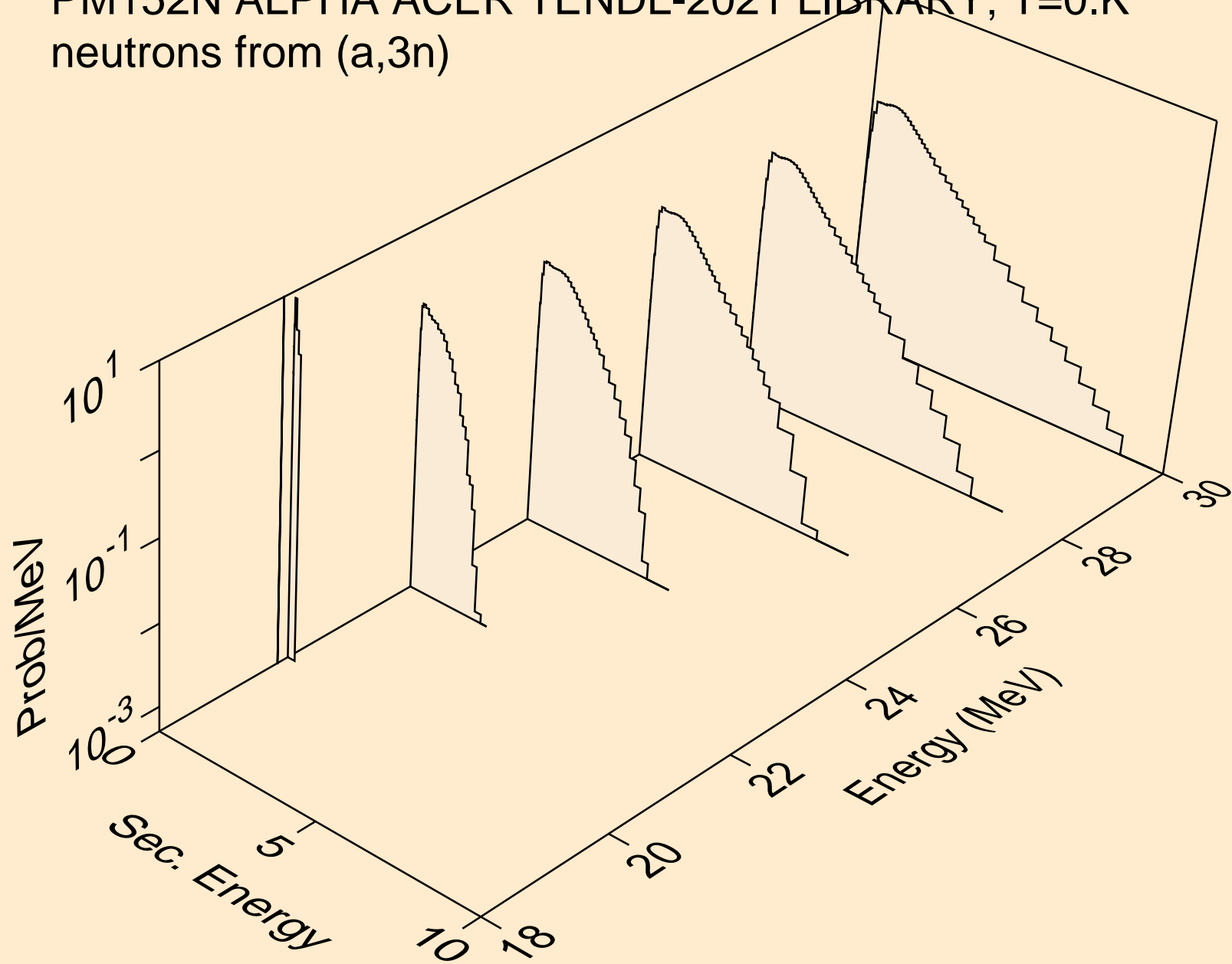
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2nd)



PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)

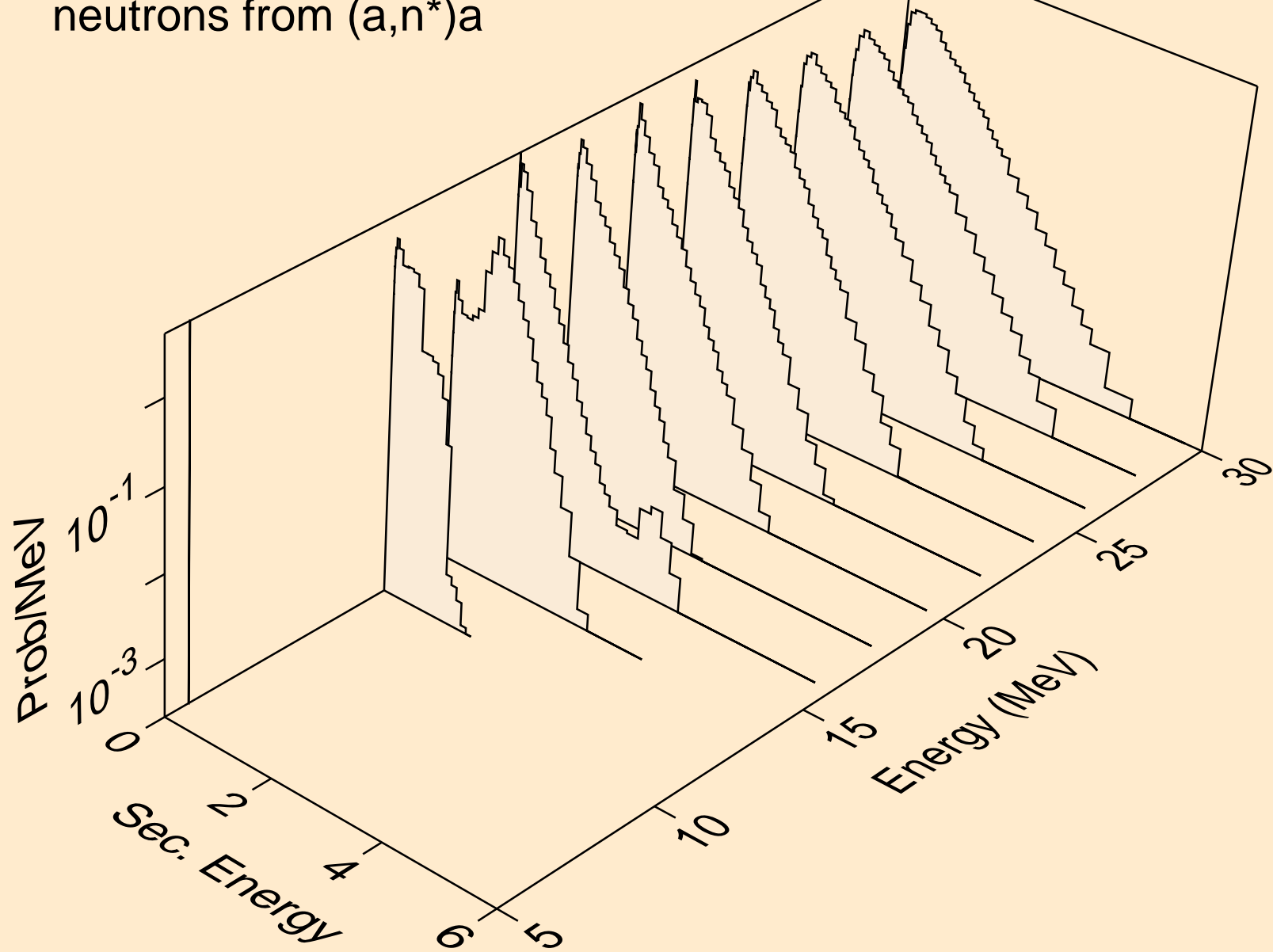


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neutrons from (a,3n)

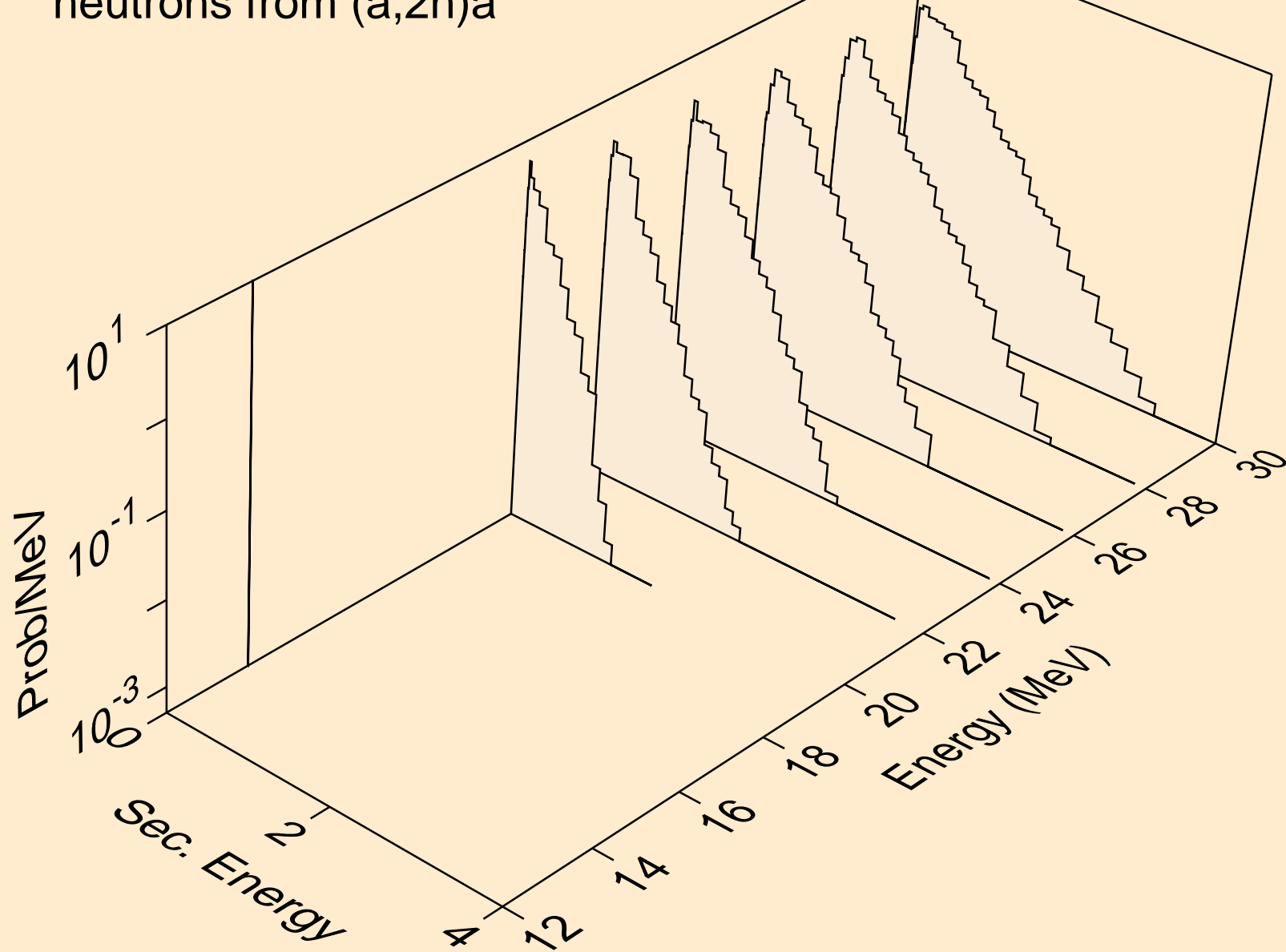




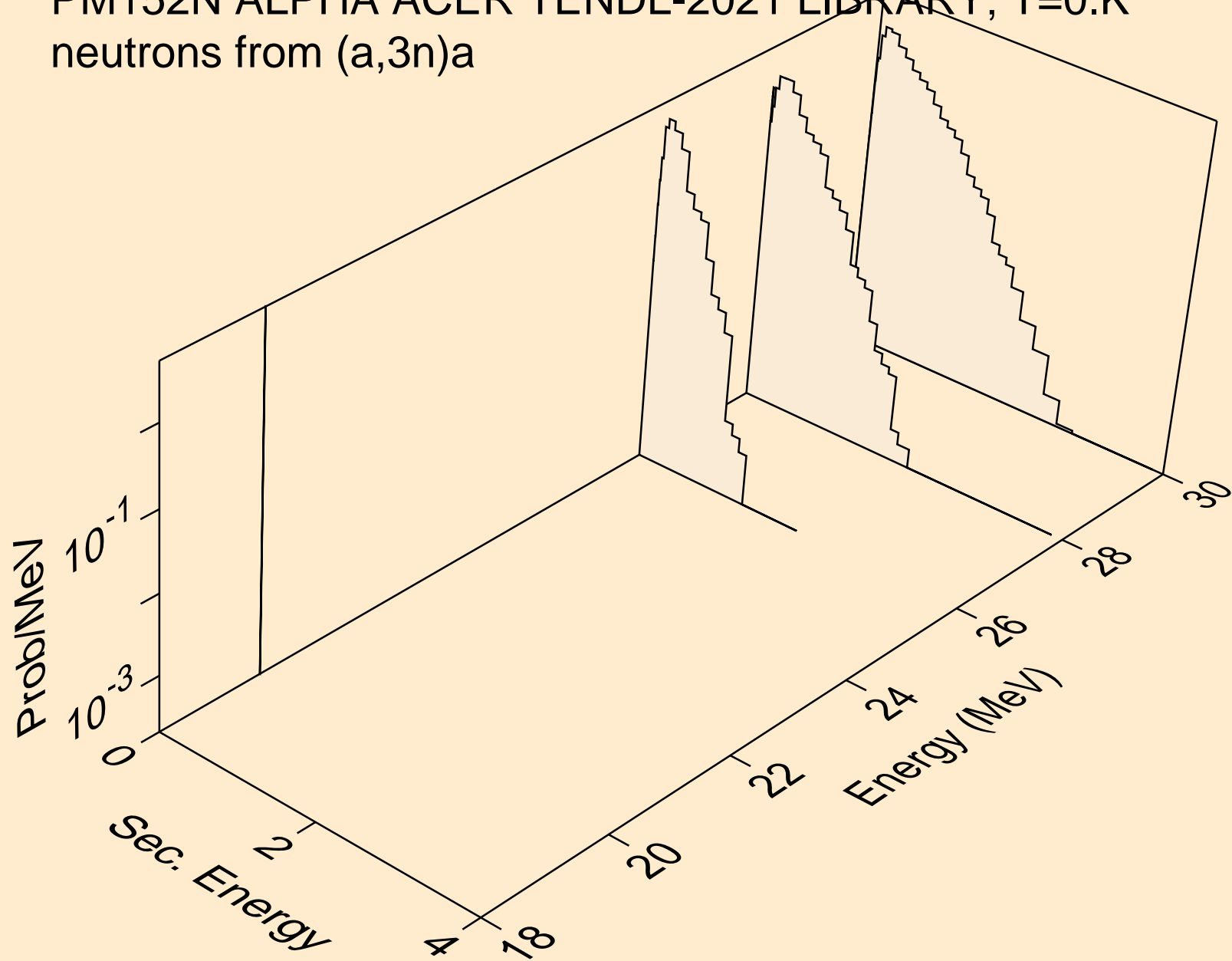
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neutrons from (a,n\*)a



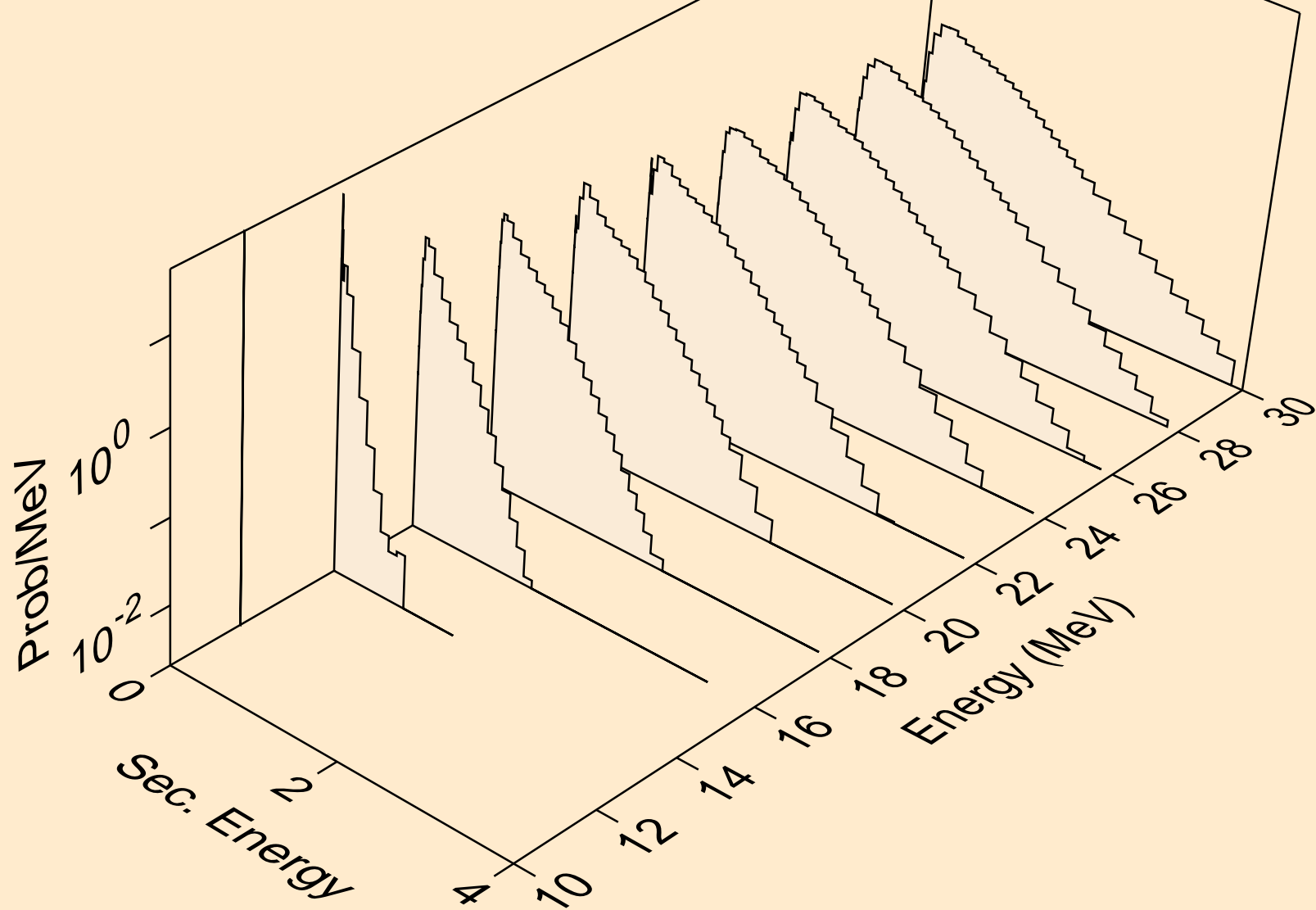
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neutrons from (a,2n)a



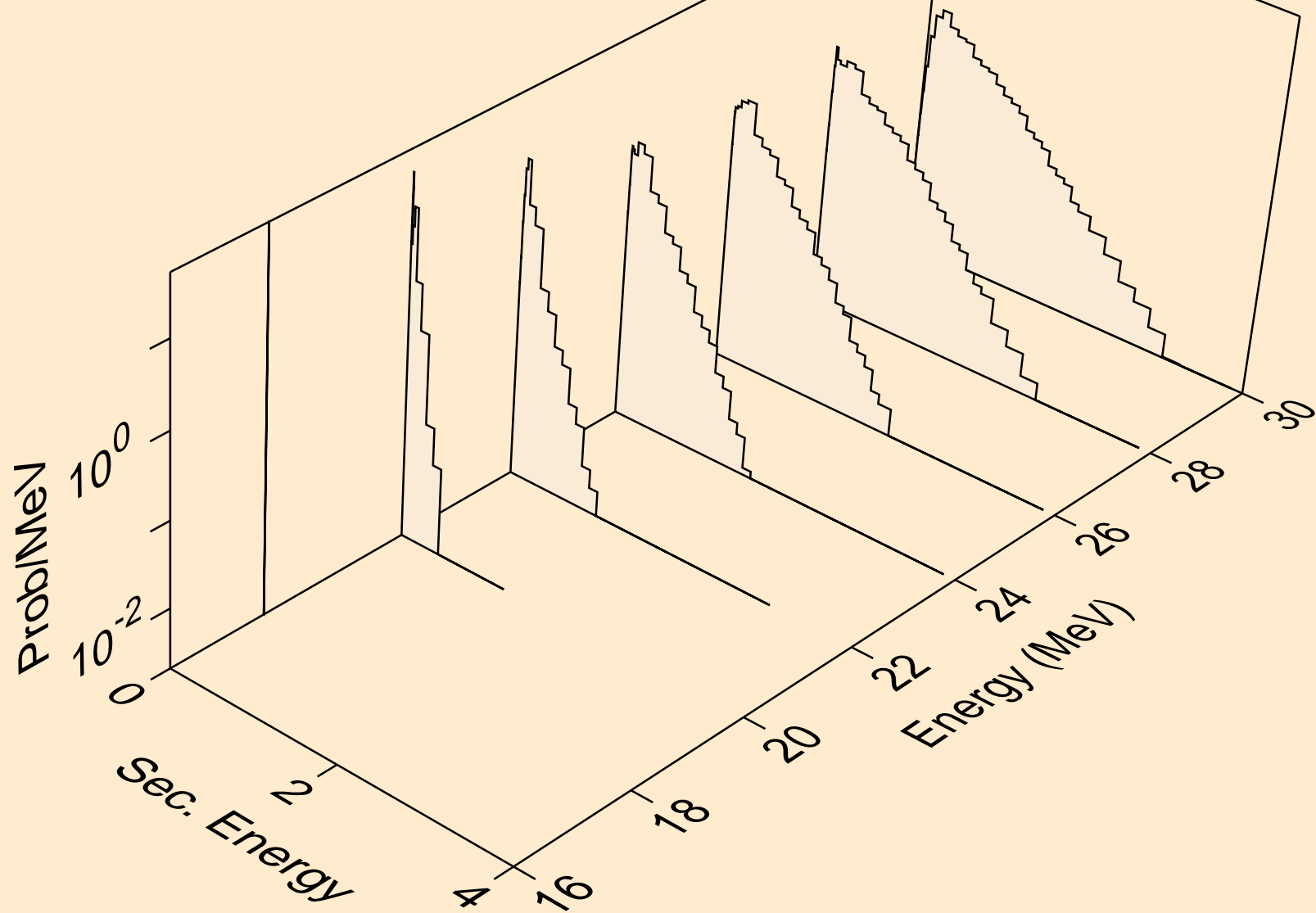
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neutrons from (a,3n)a



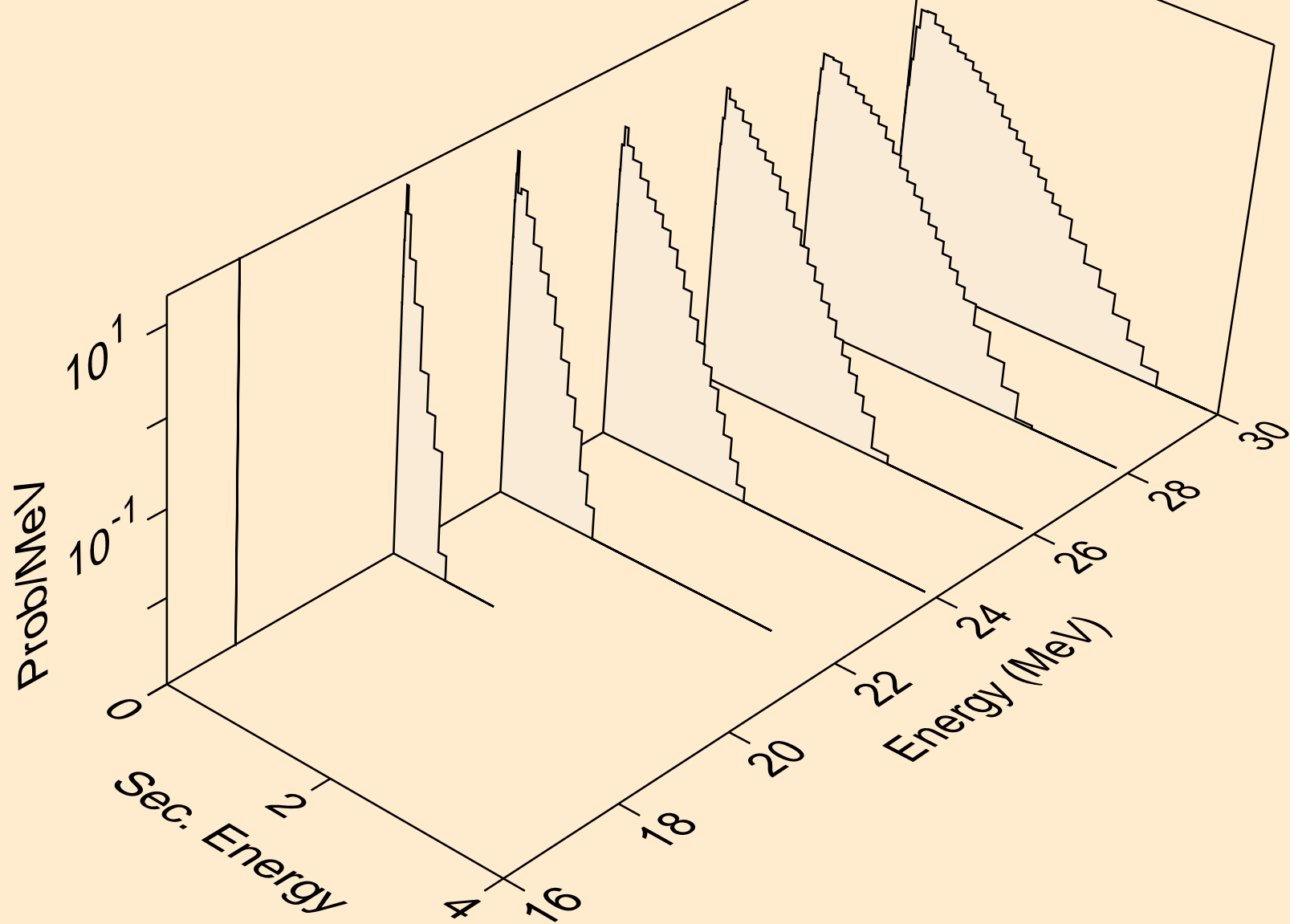
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neutrons from (a,n\*)p



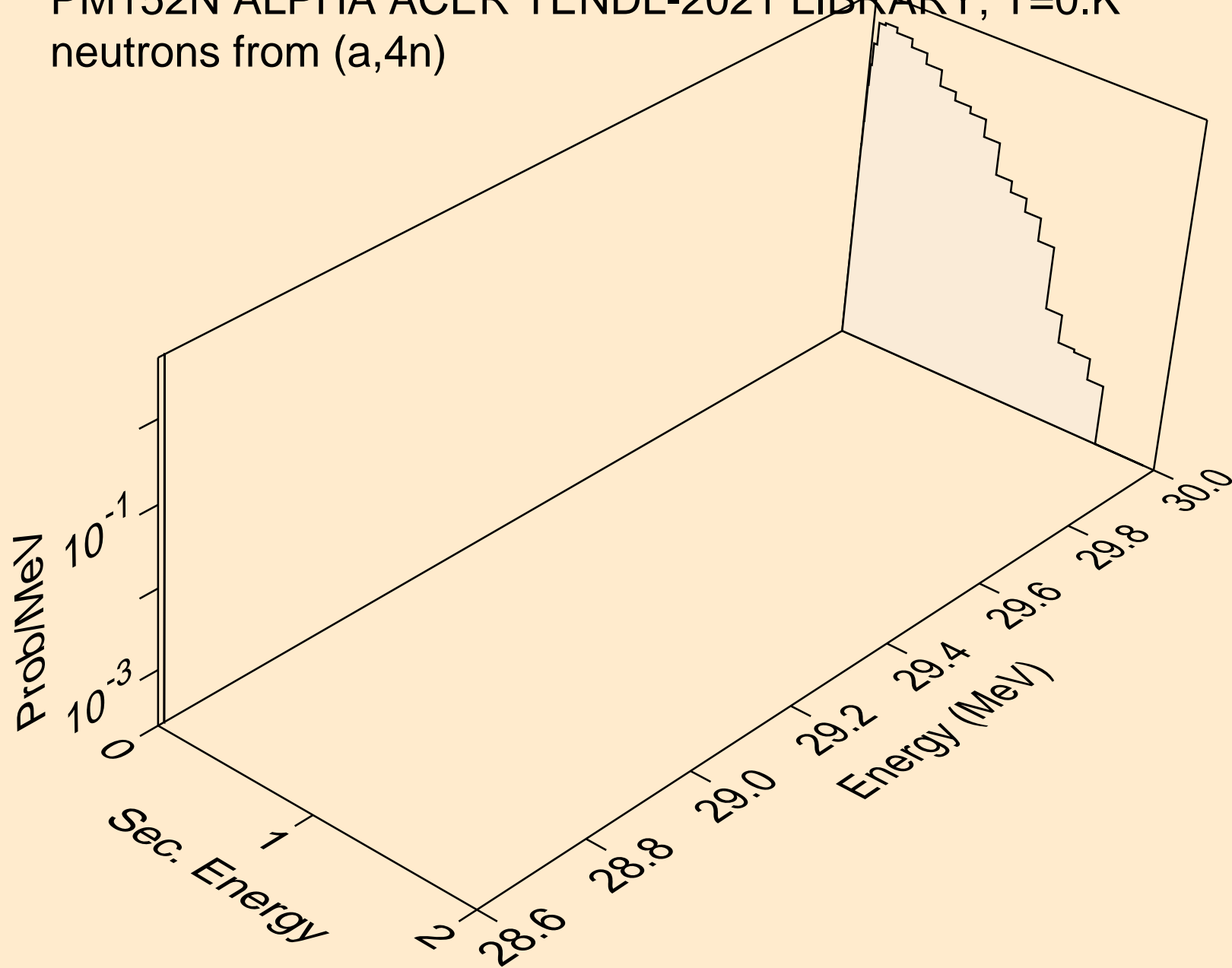
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neutrons from (a,n\*)d



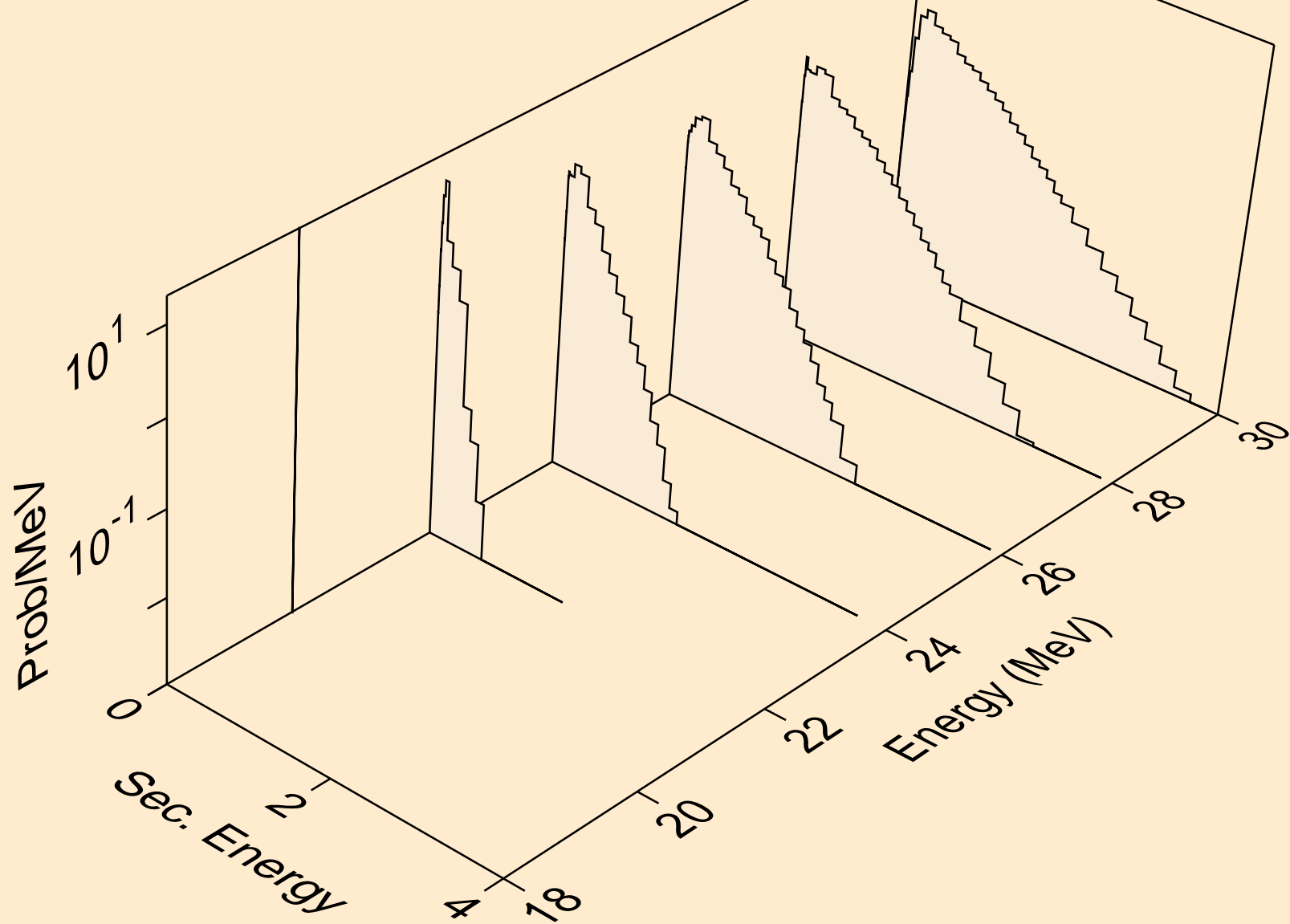
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t



PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,4n)

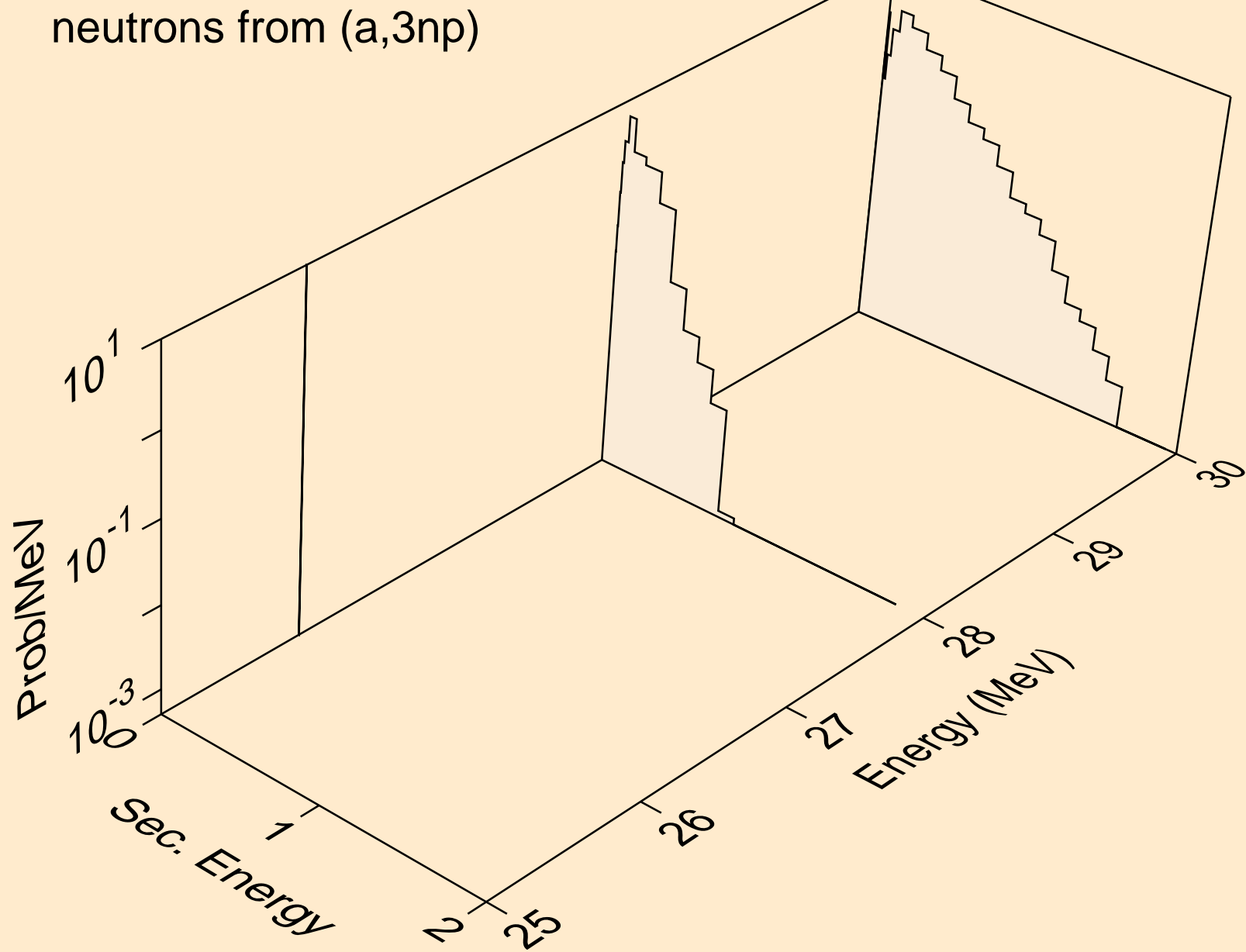


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neutrons from (a,2np)

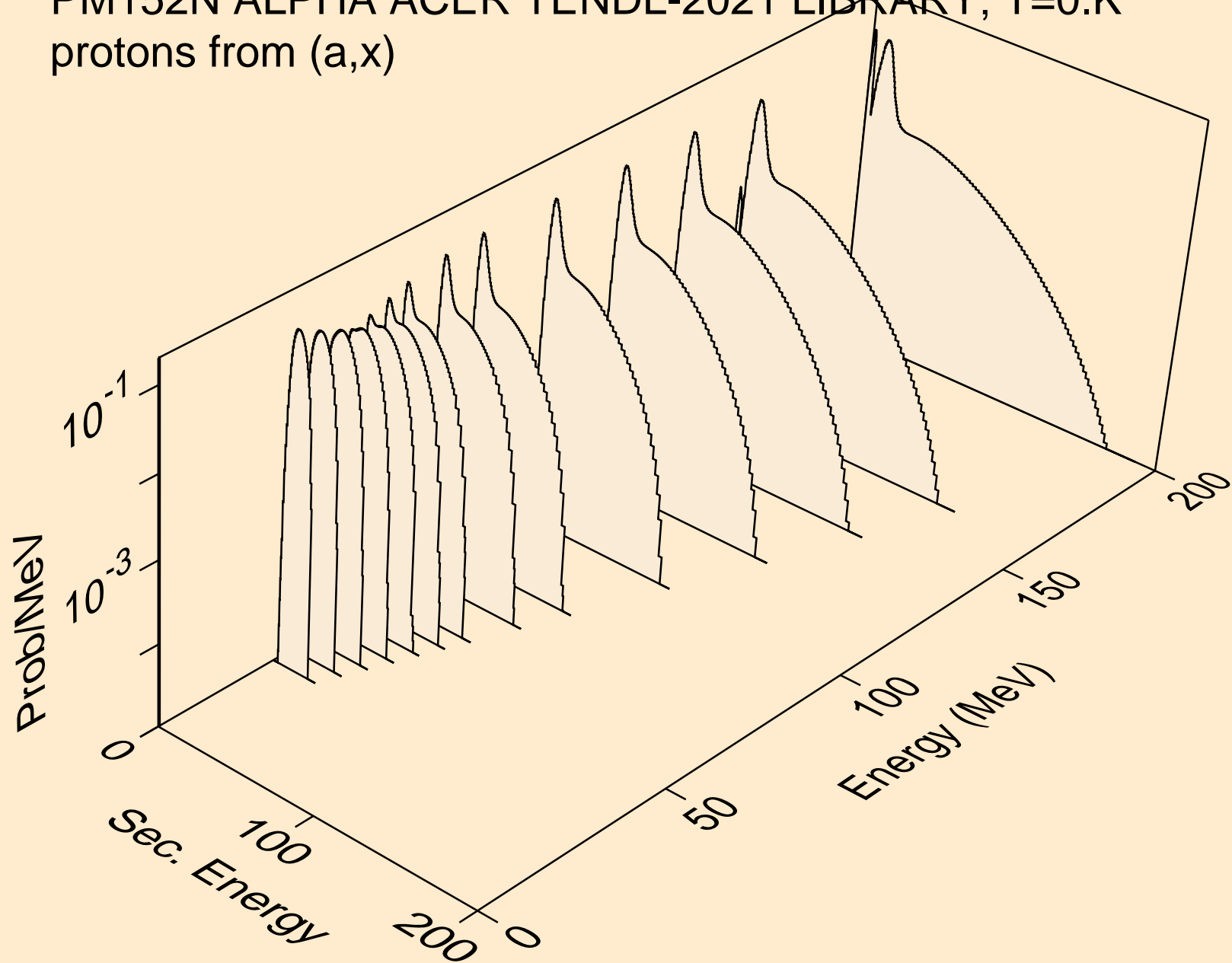




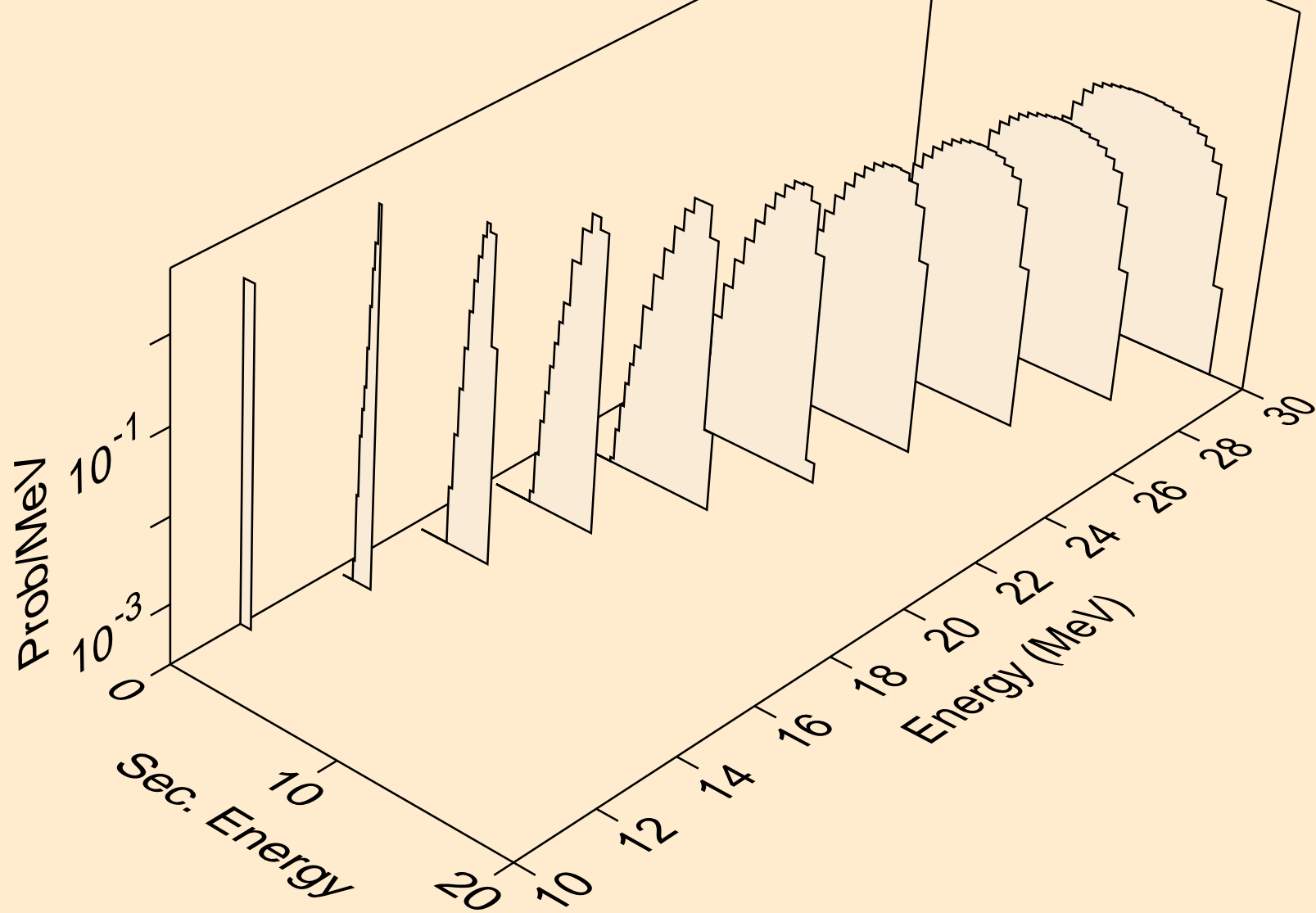
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neutrons from (a,3np)



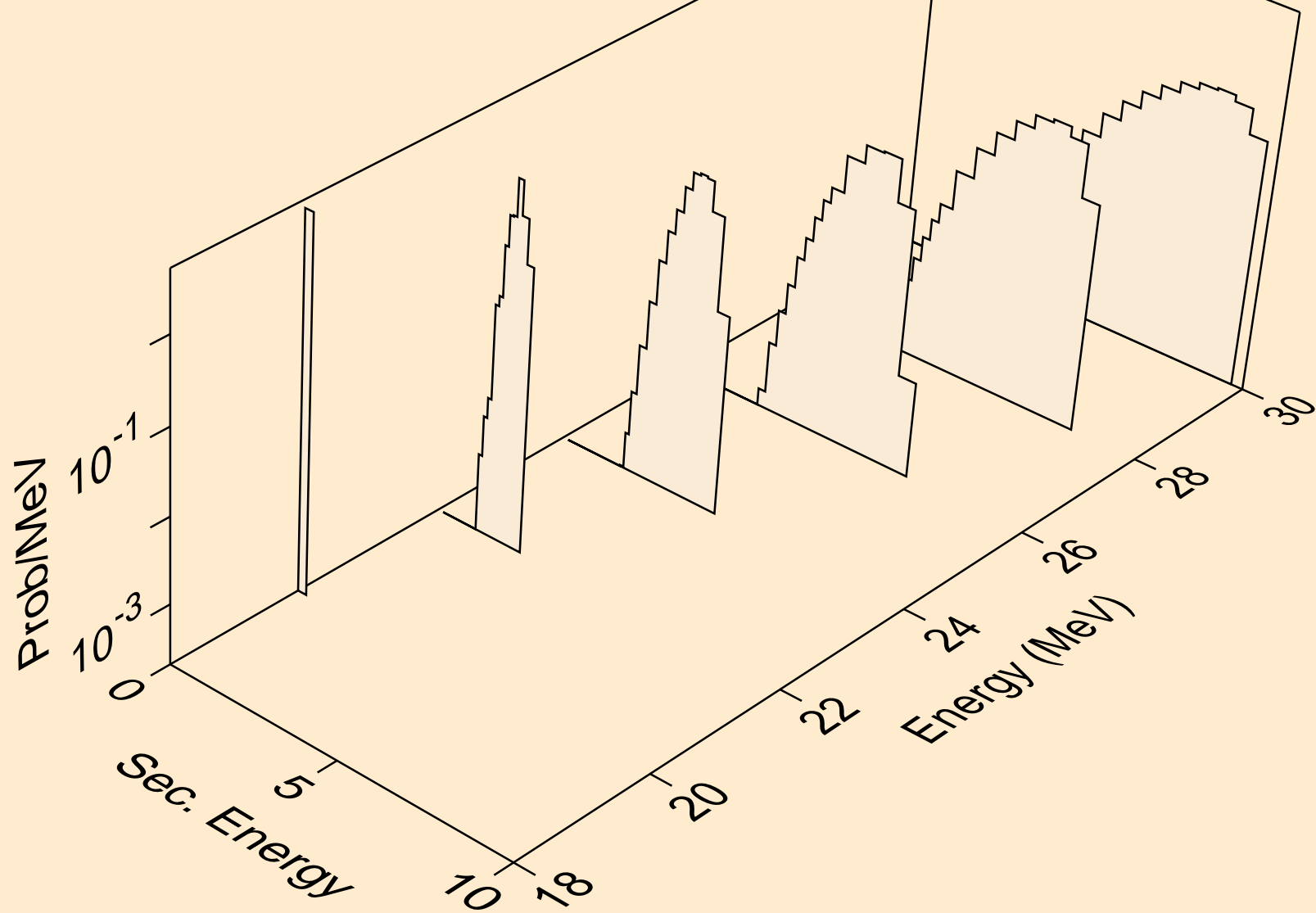
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protons from (a,x)



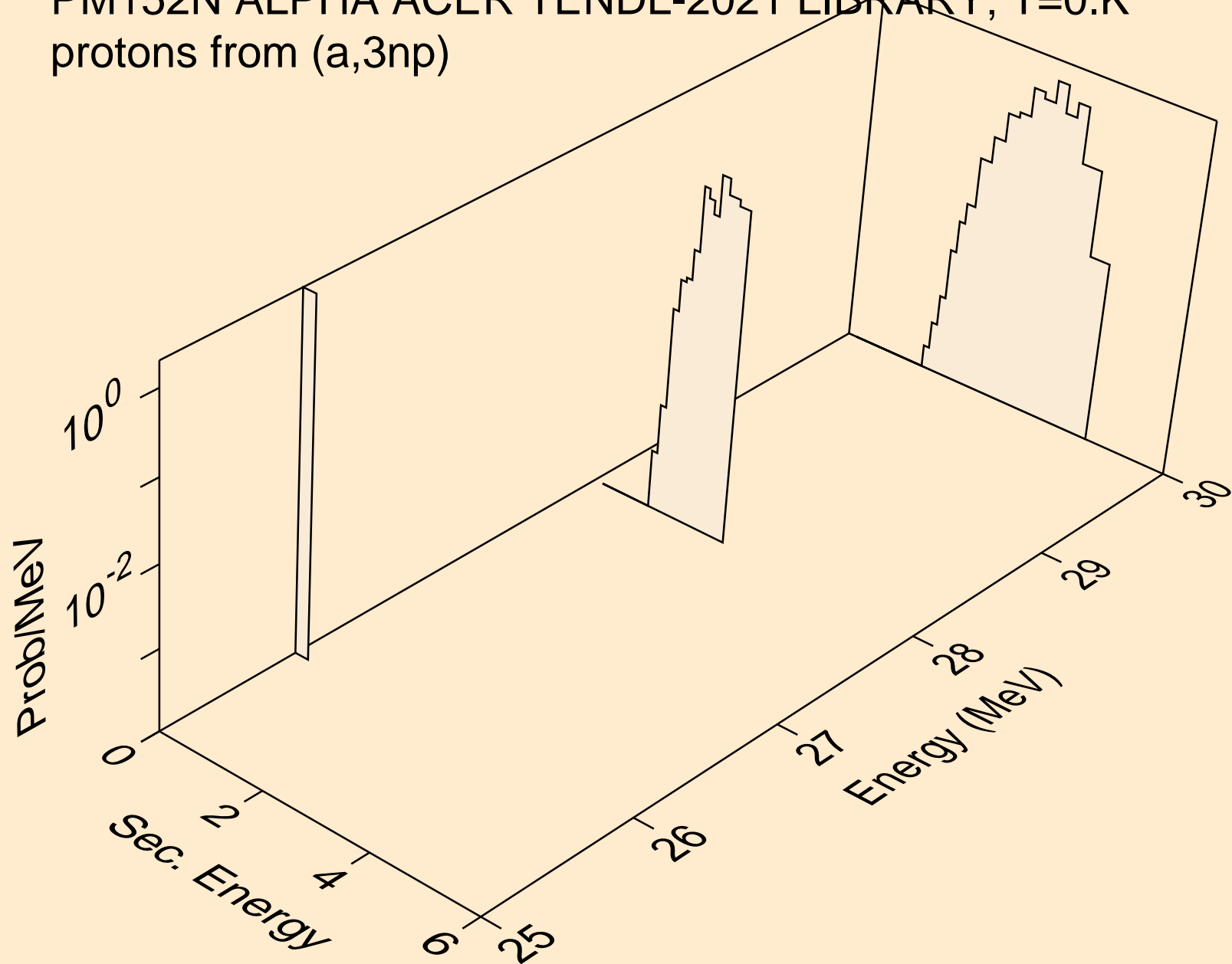
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protons from (a,n\*)p



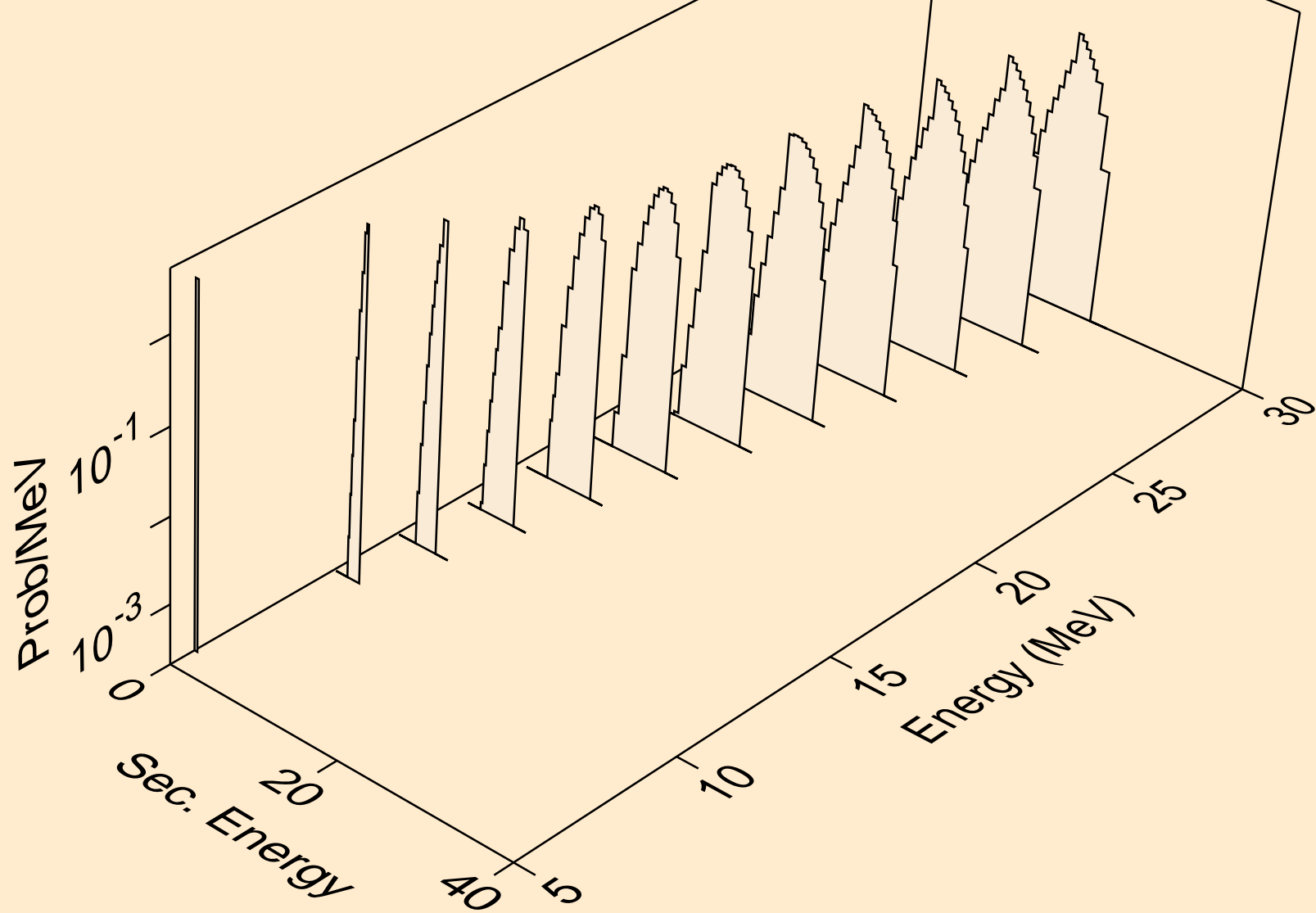
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protons from (a,2np)



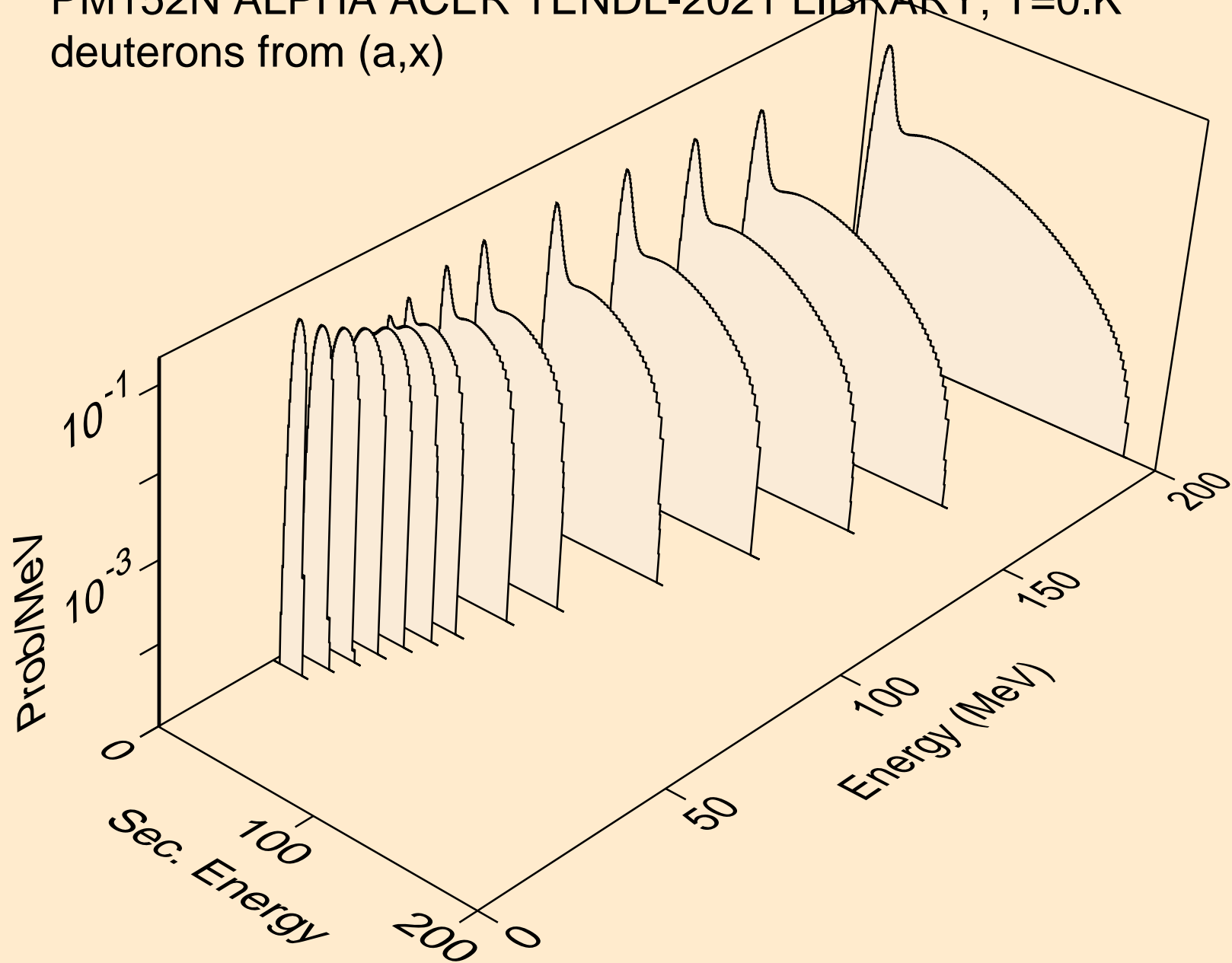
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protons from (a,3np)



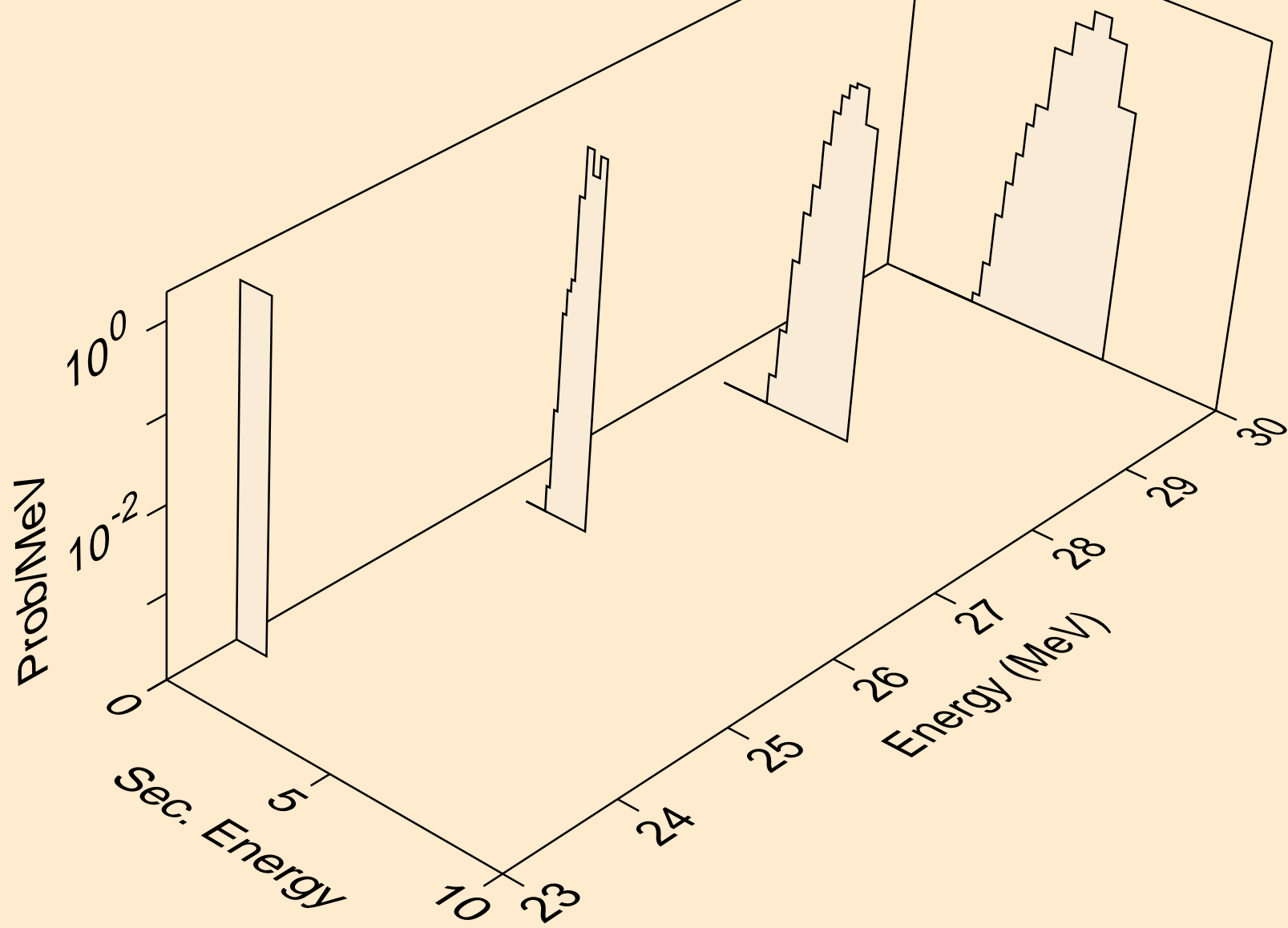
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)

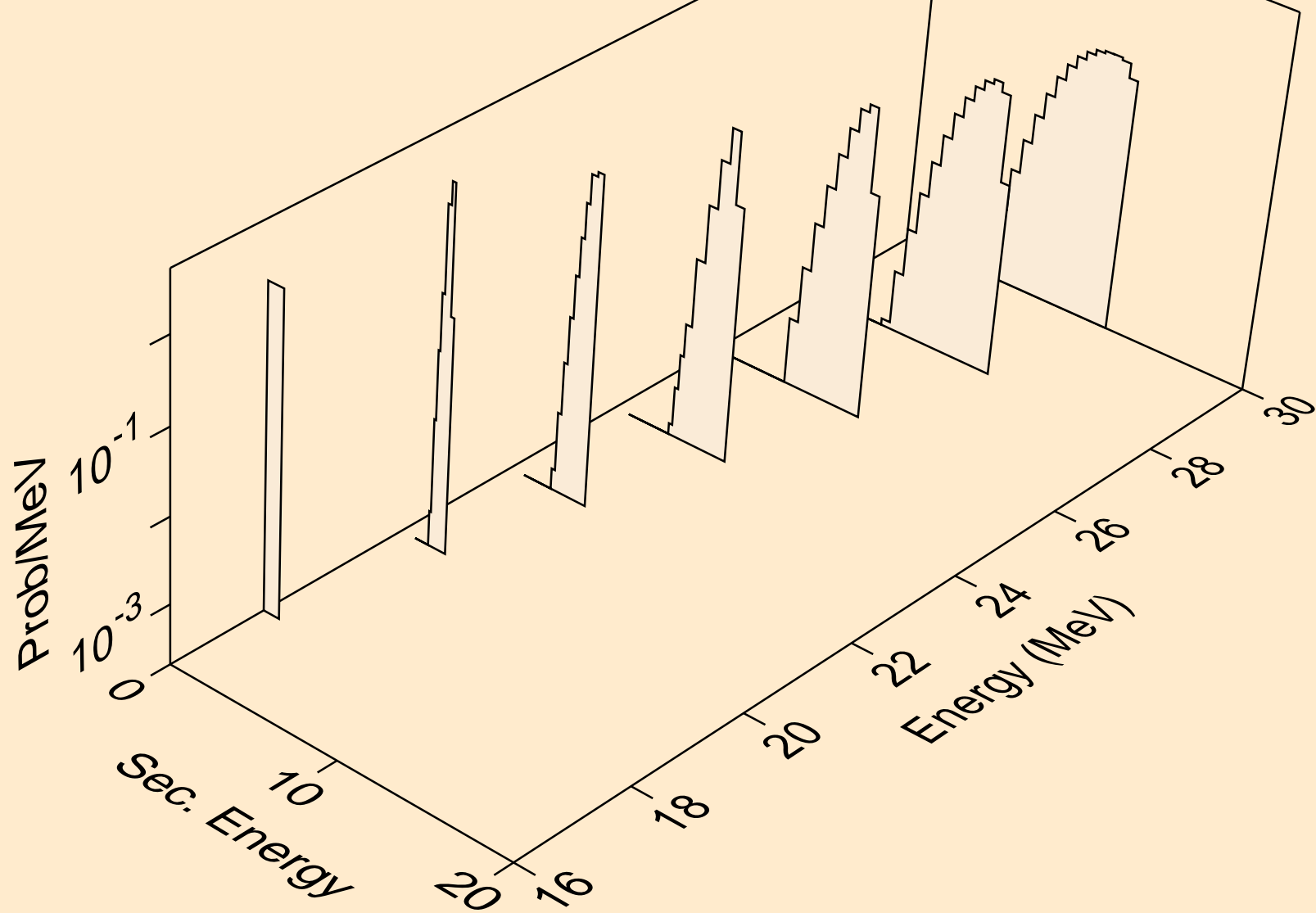


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deuterons from (a,2nd)

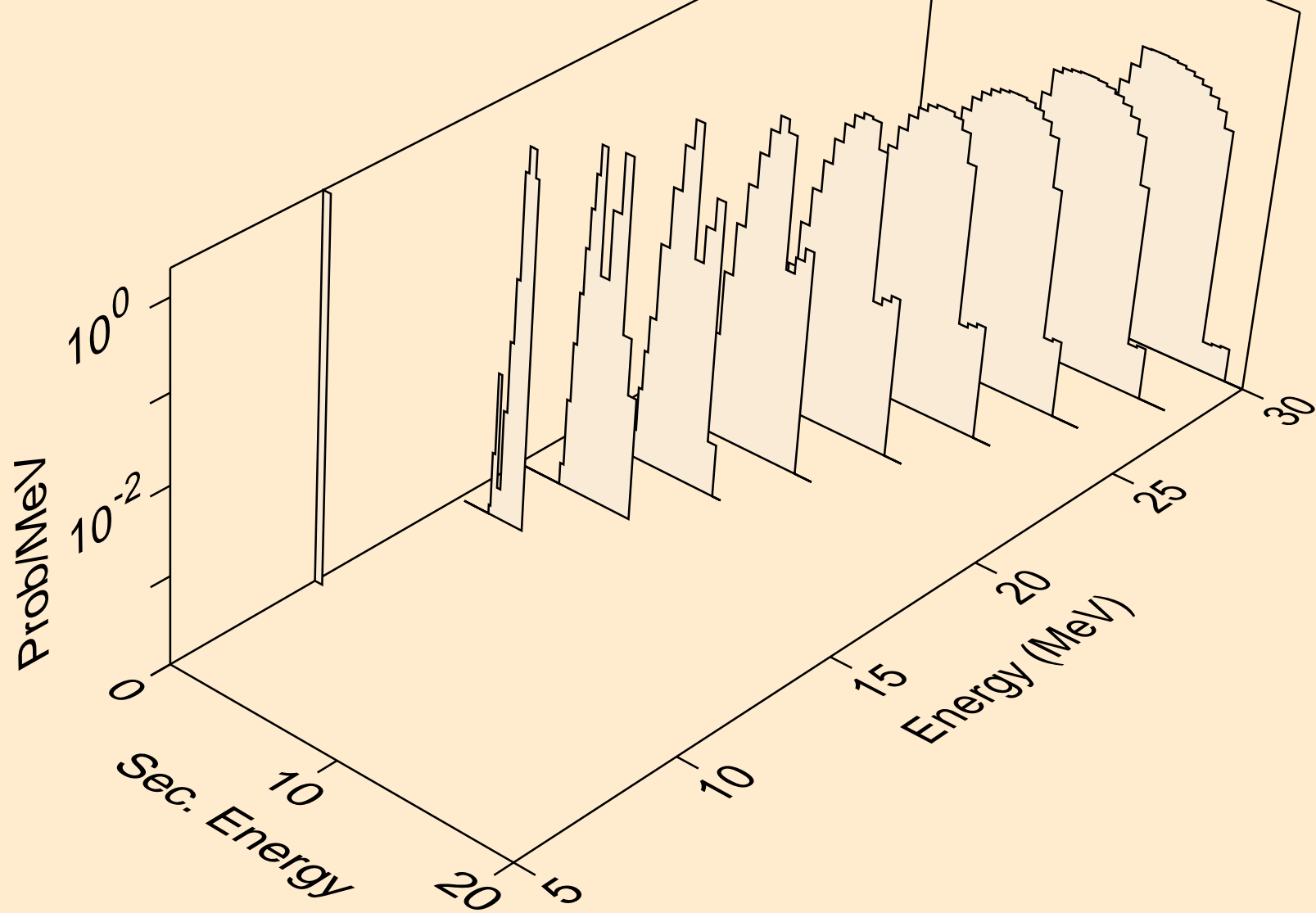




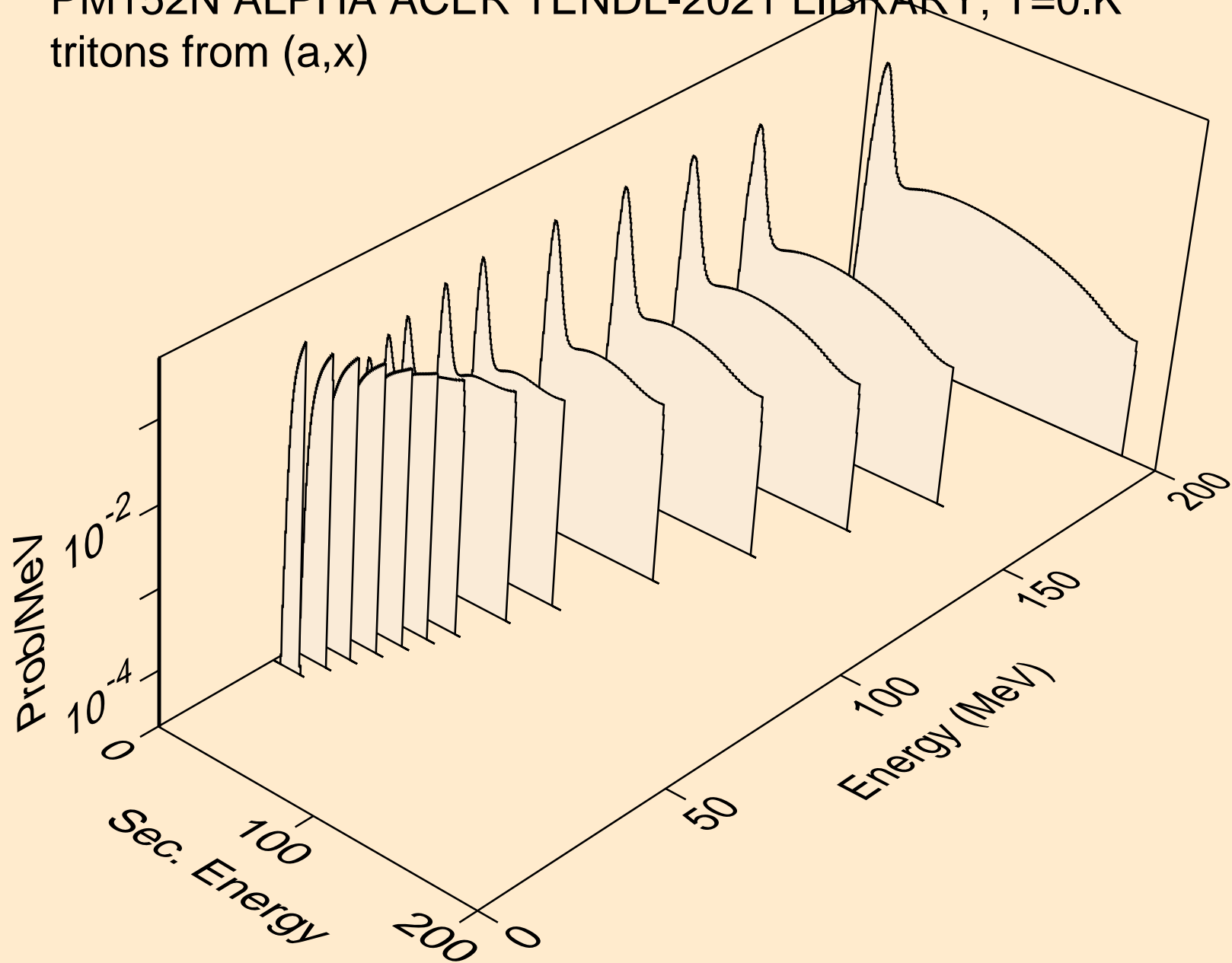
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deuterons from (a,n\*)d



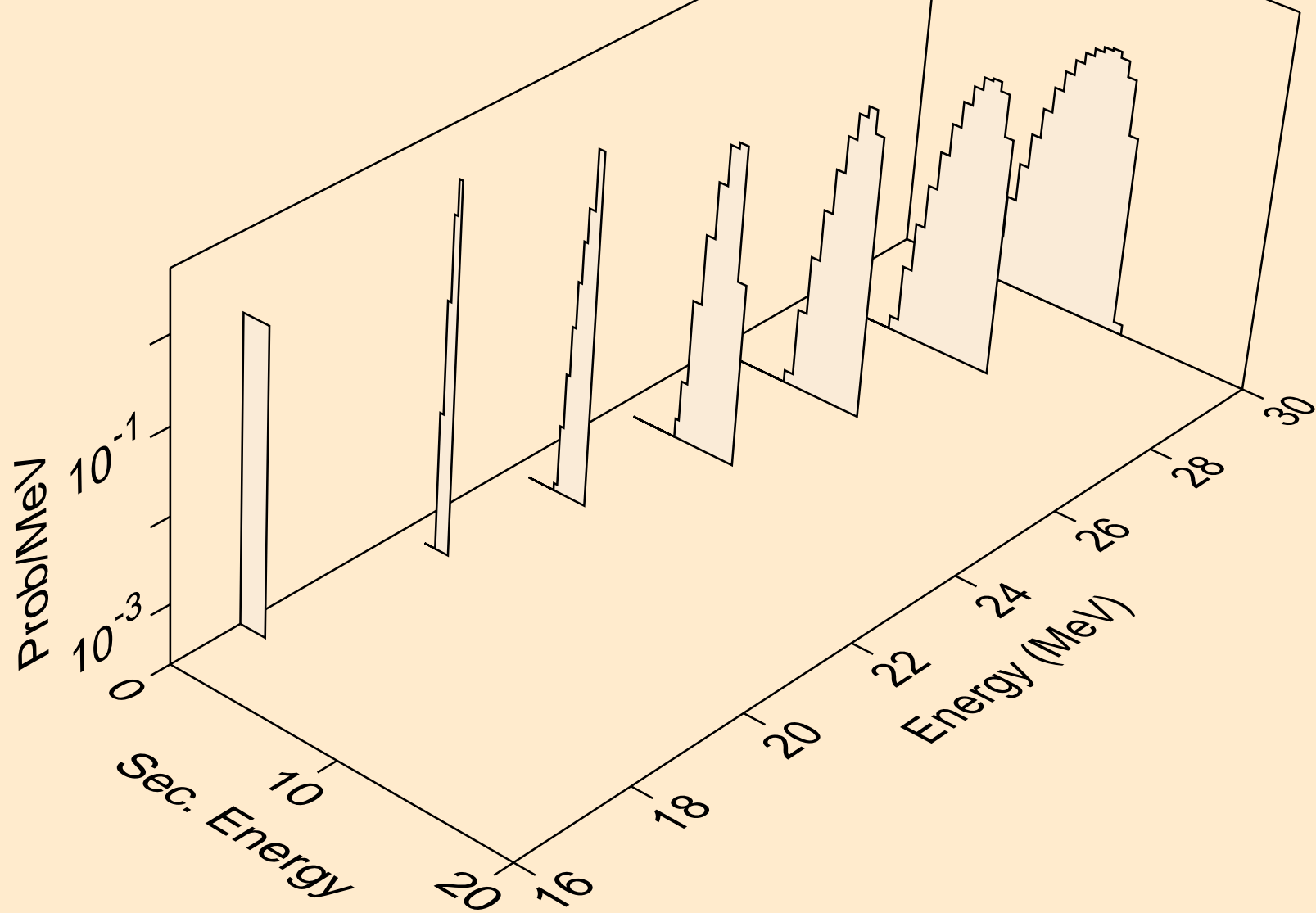
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deuterons from (a,d)



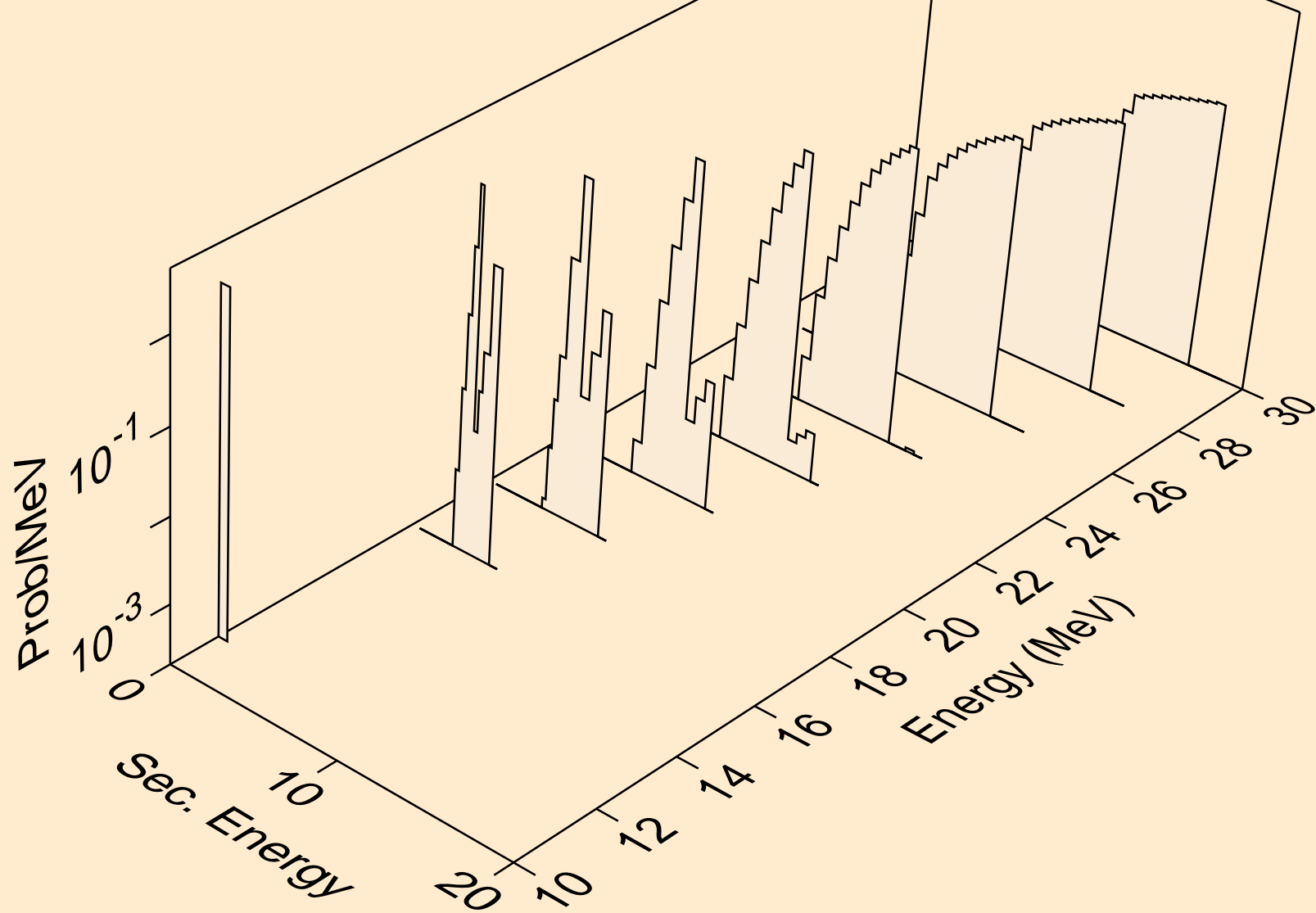
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



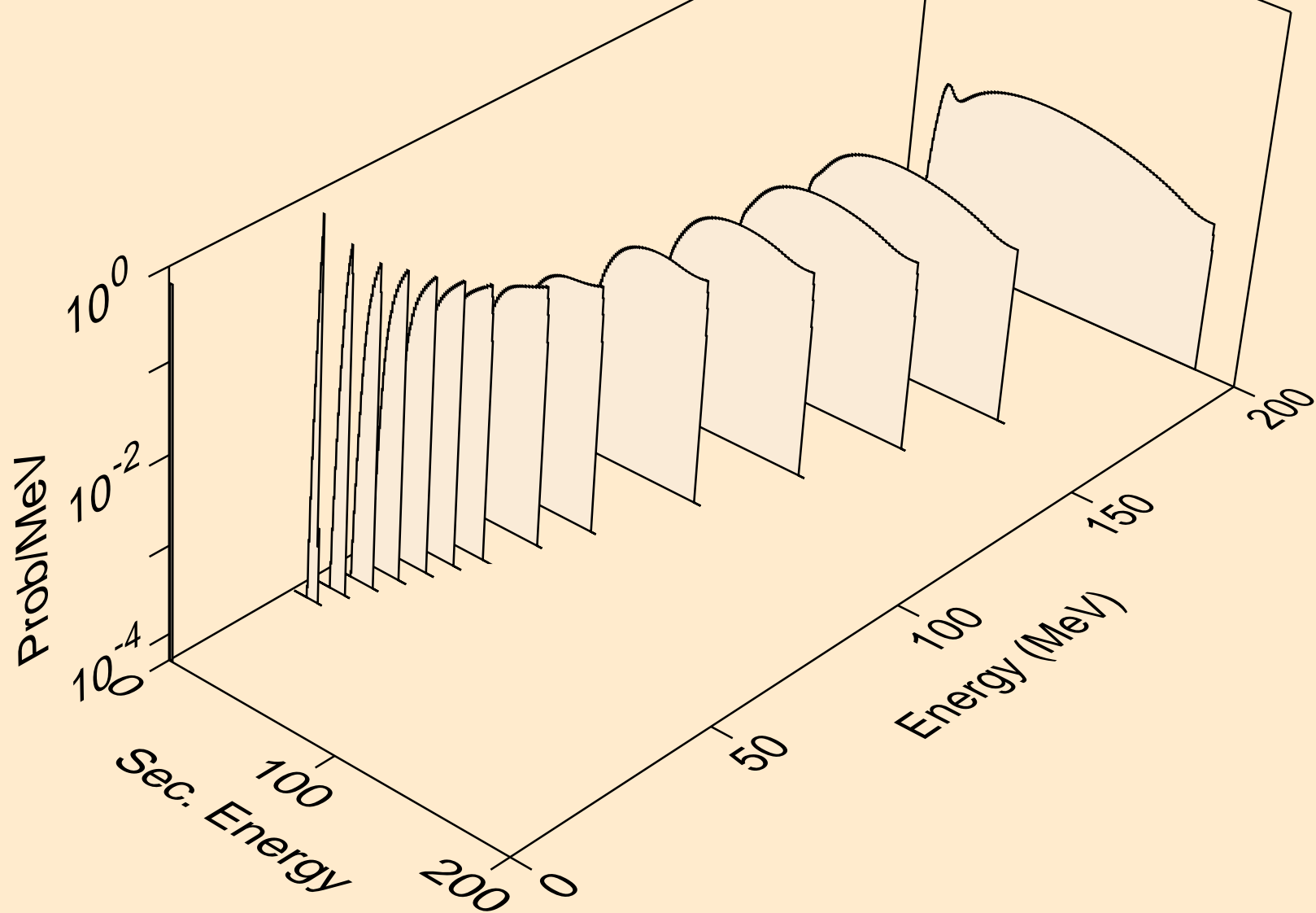
PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



PM152N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

