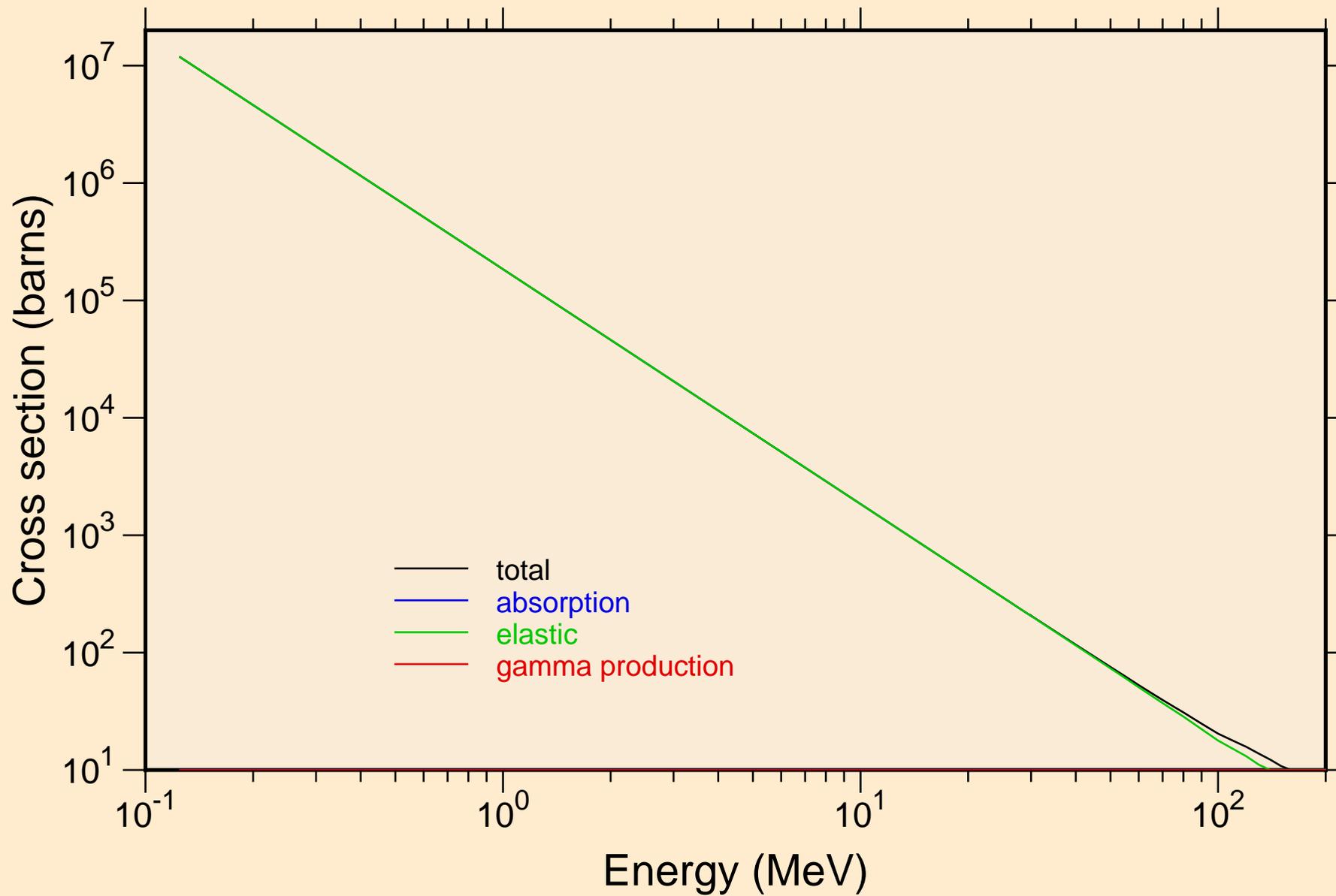
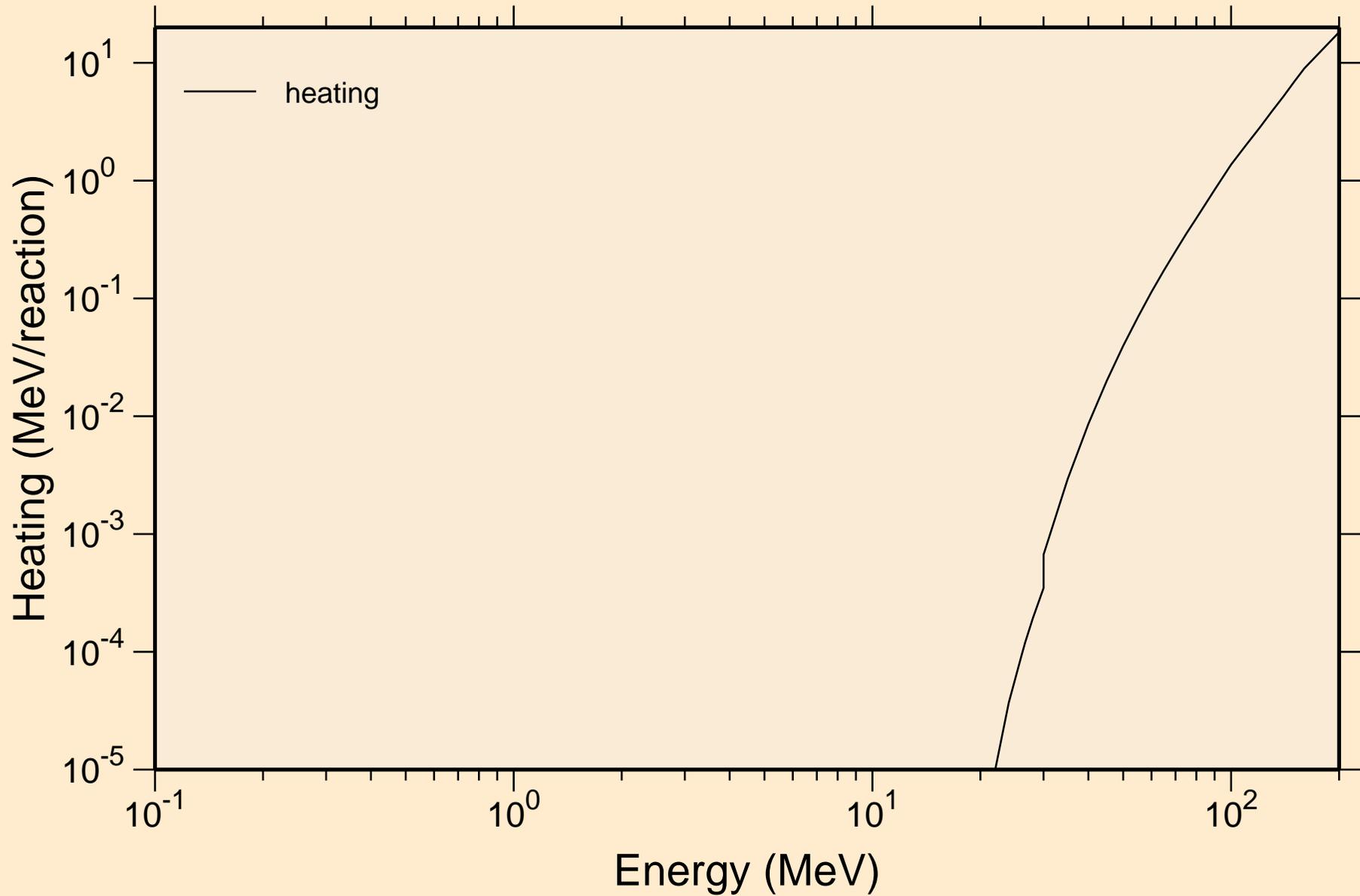


AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

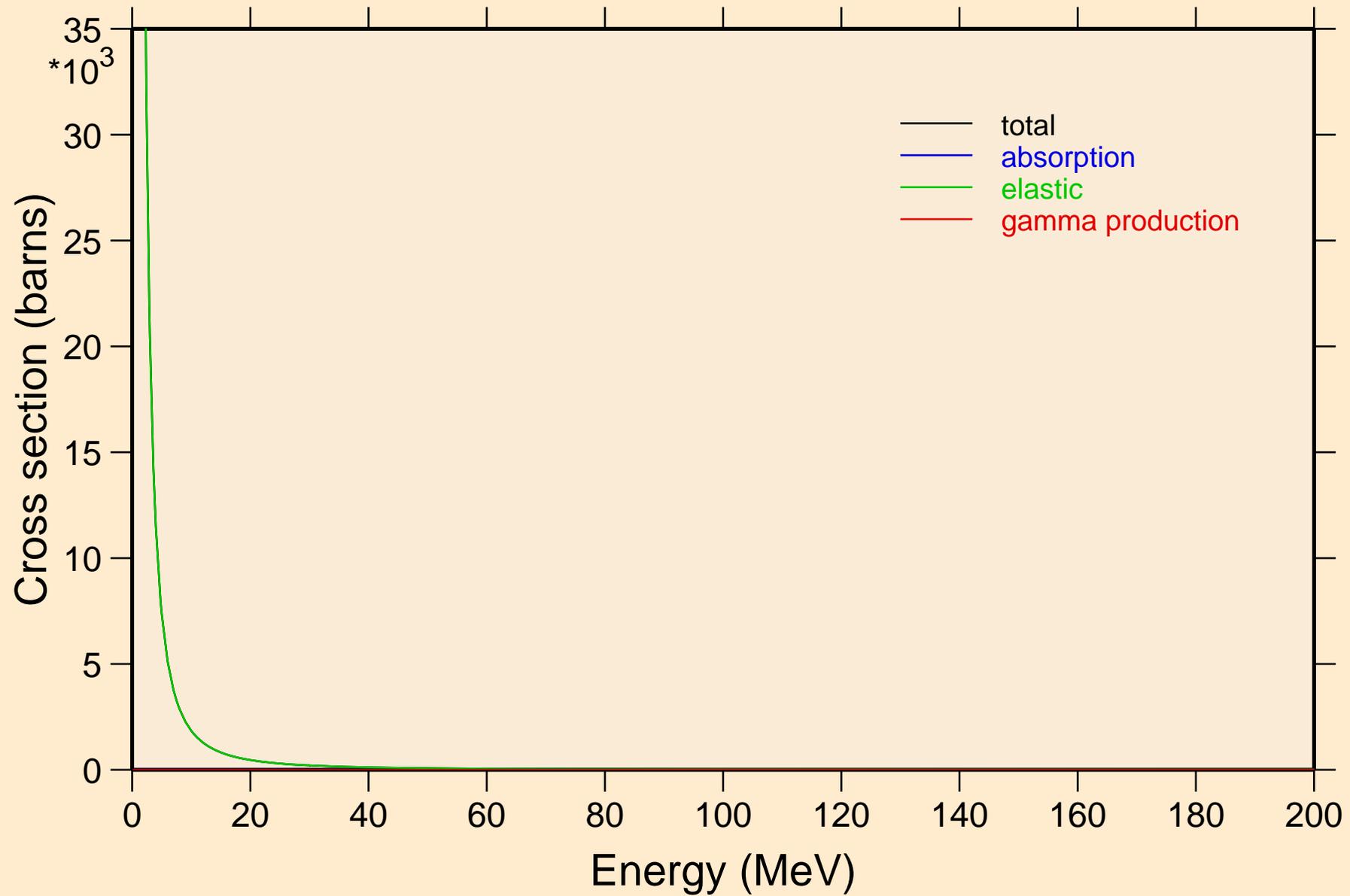


AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Heating



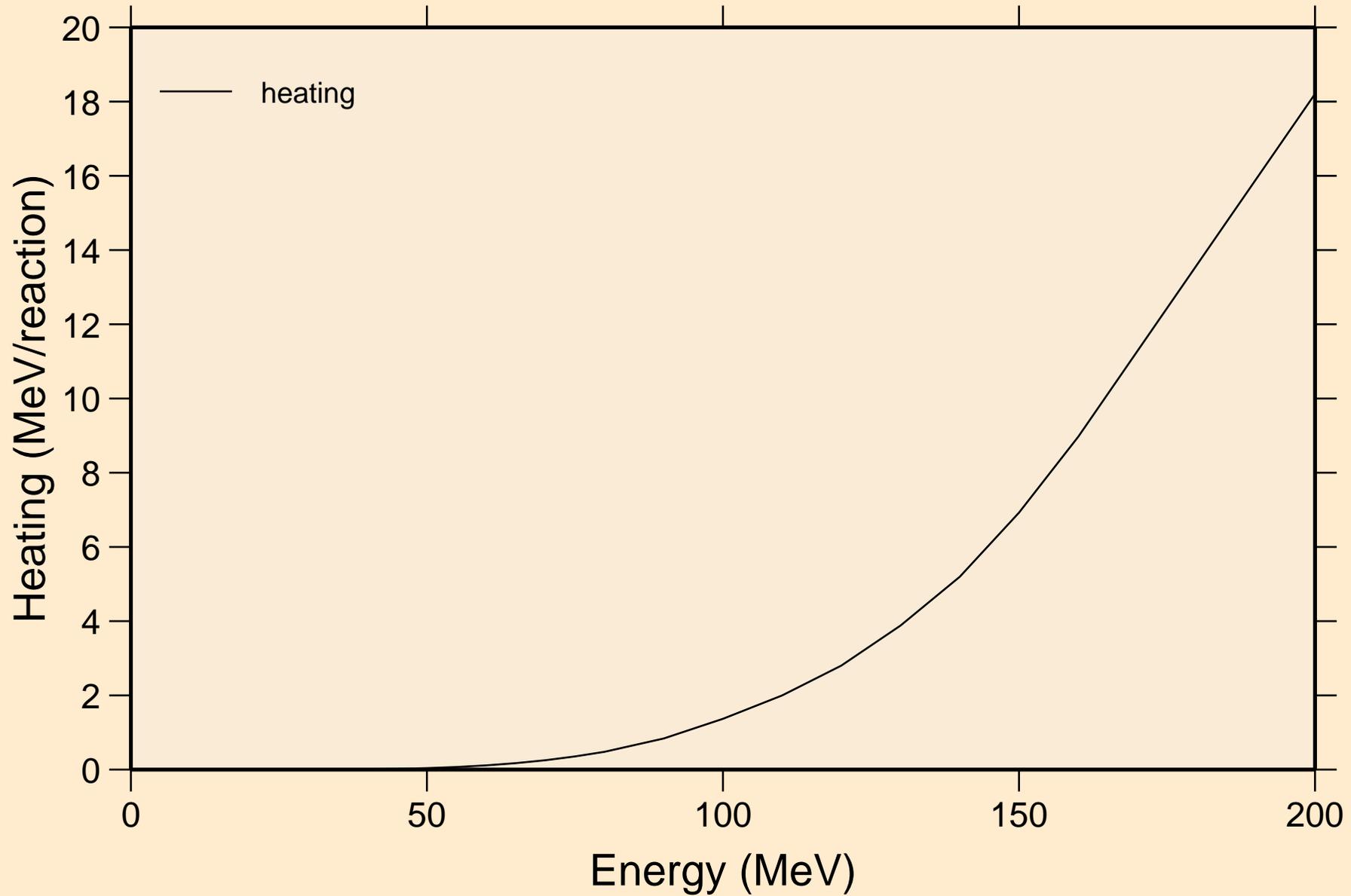
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## Principal cross sections

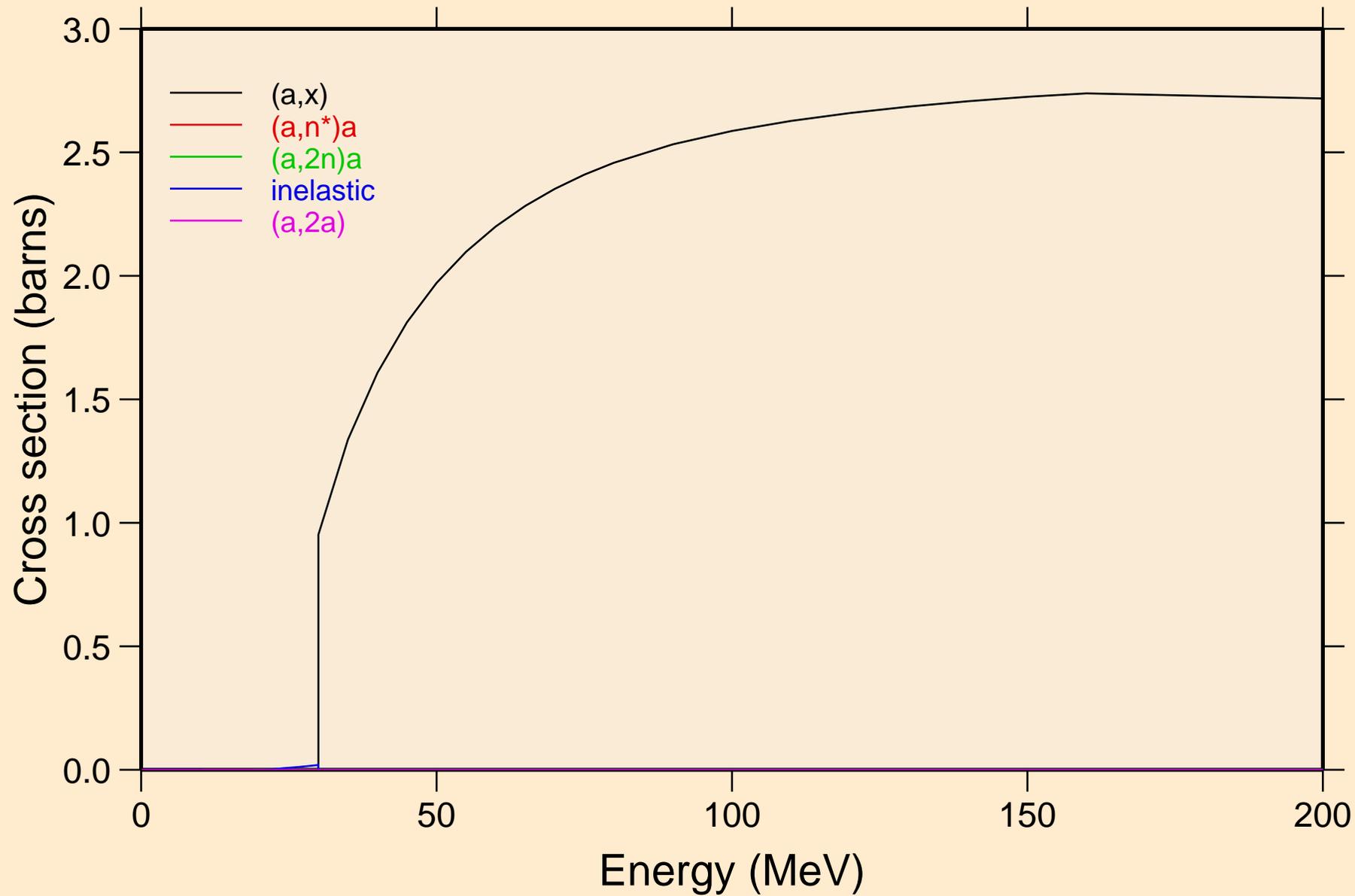


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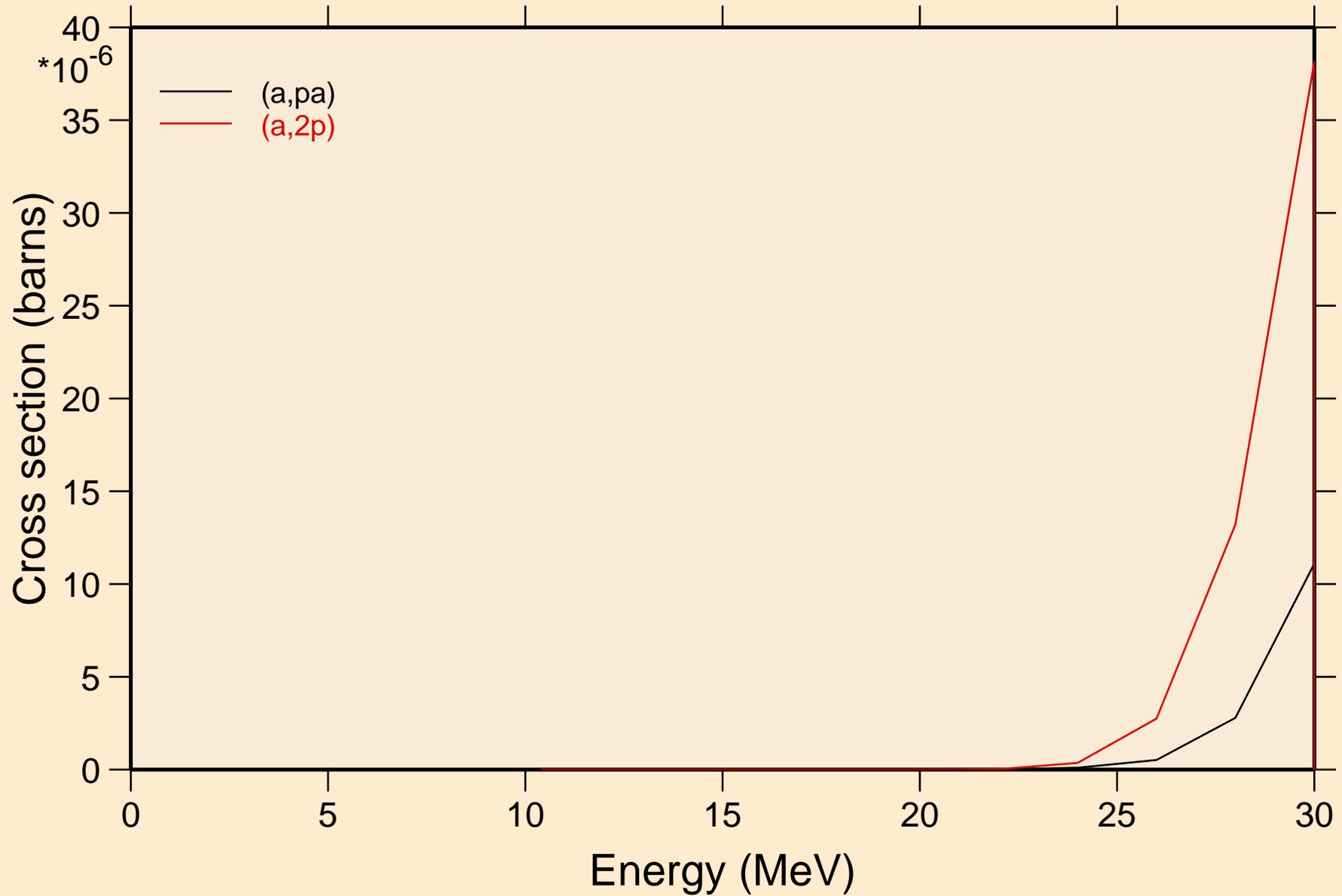
Heating



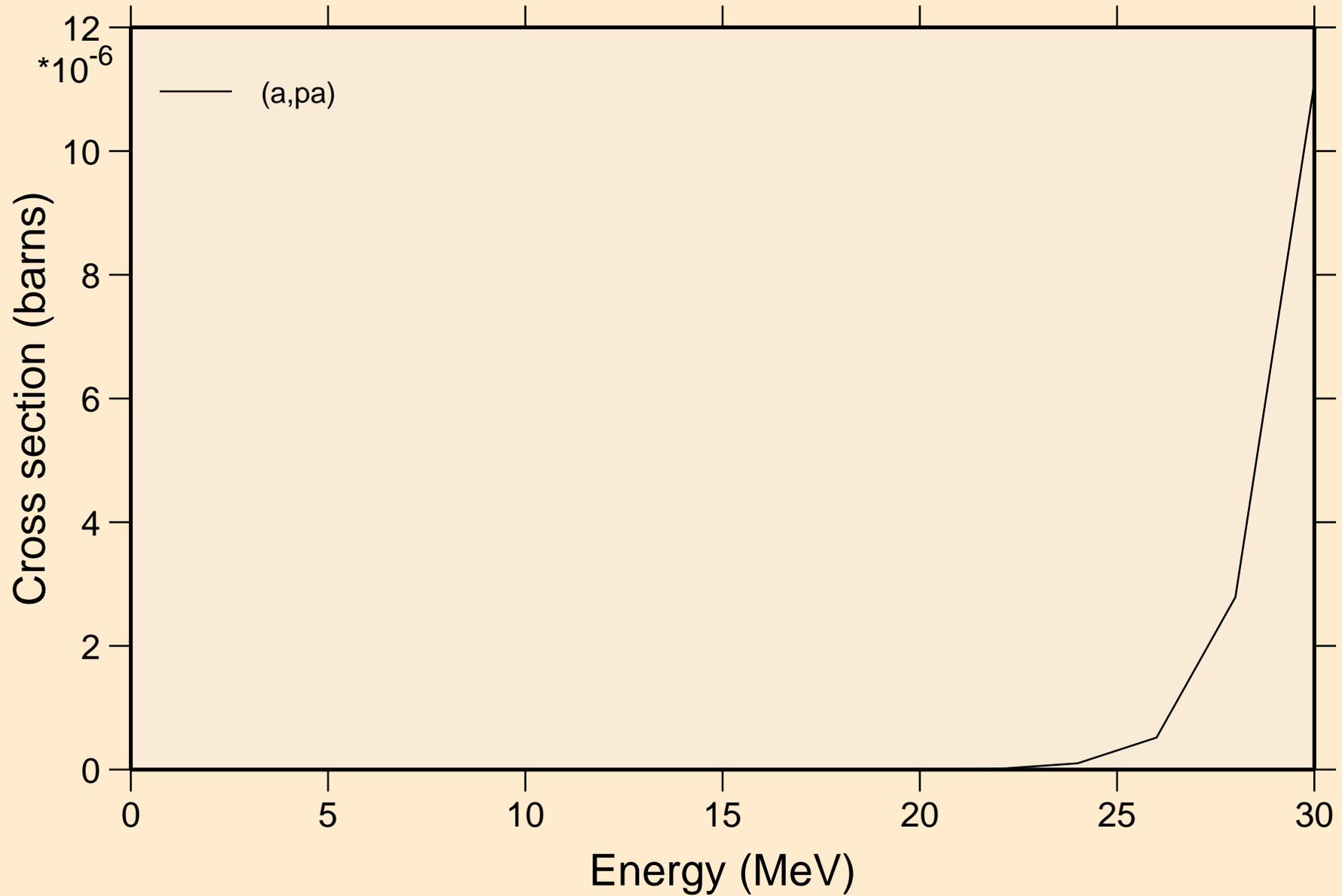
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Threshold reactions



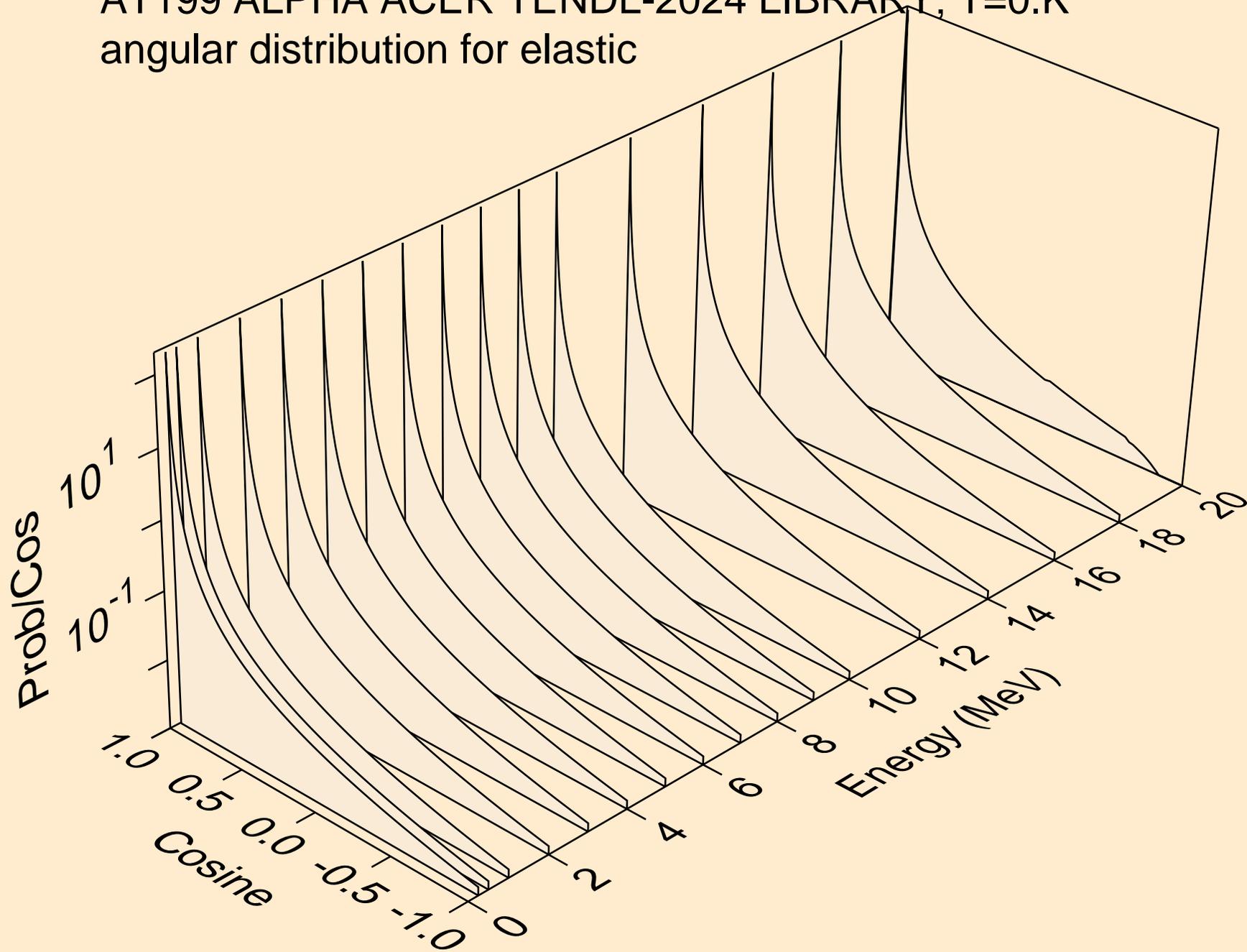
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Threshold reactions



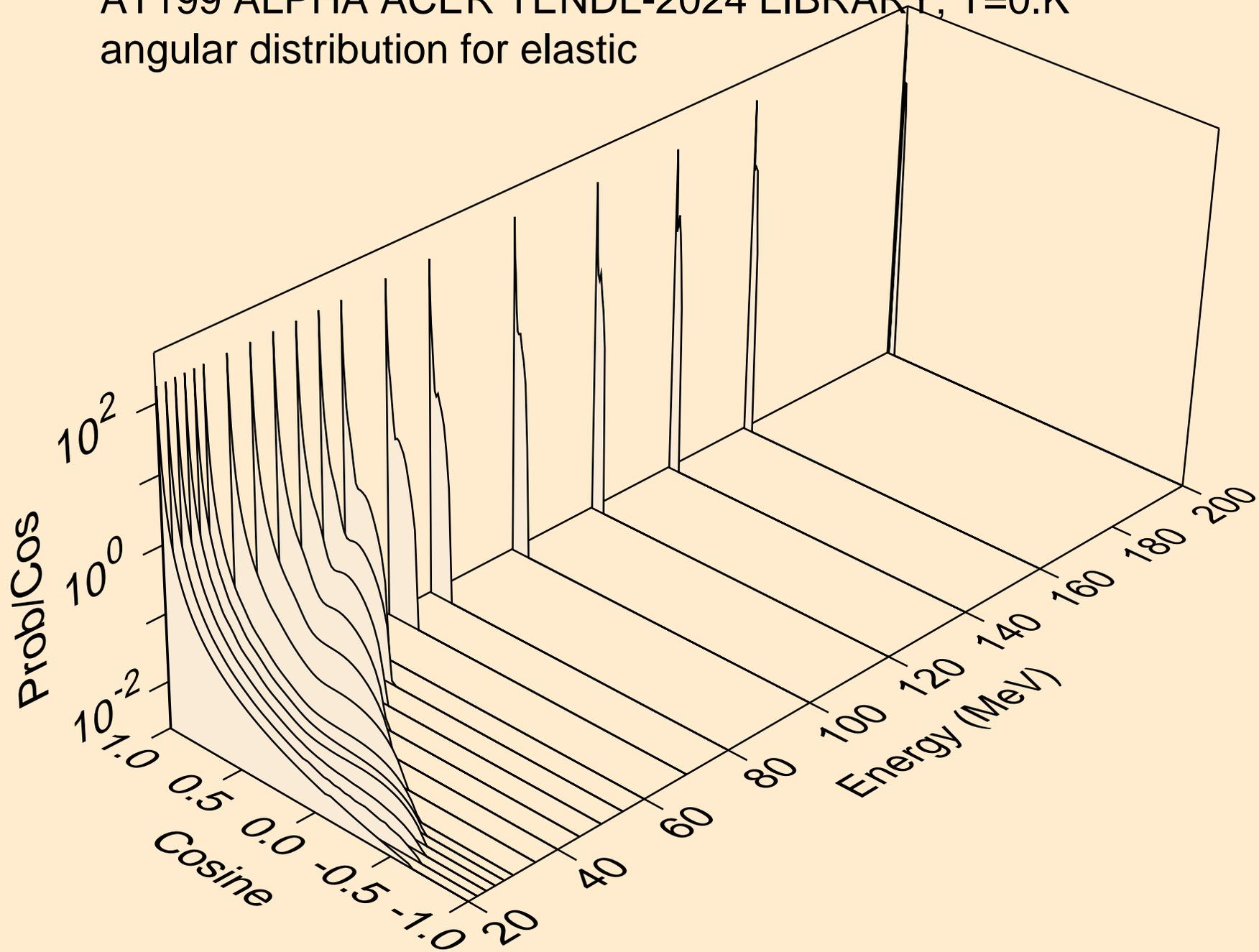
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Threshold reactions



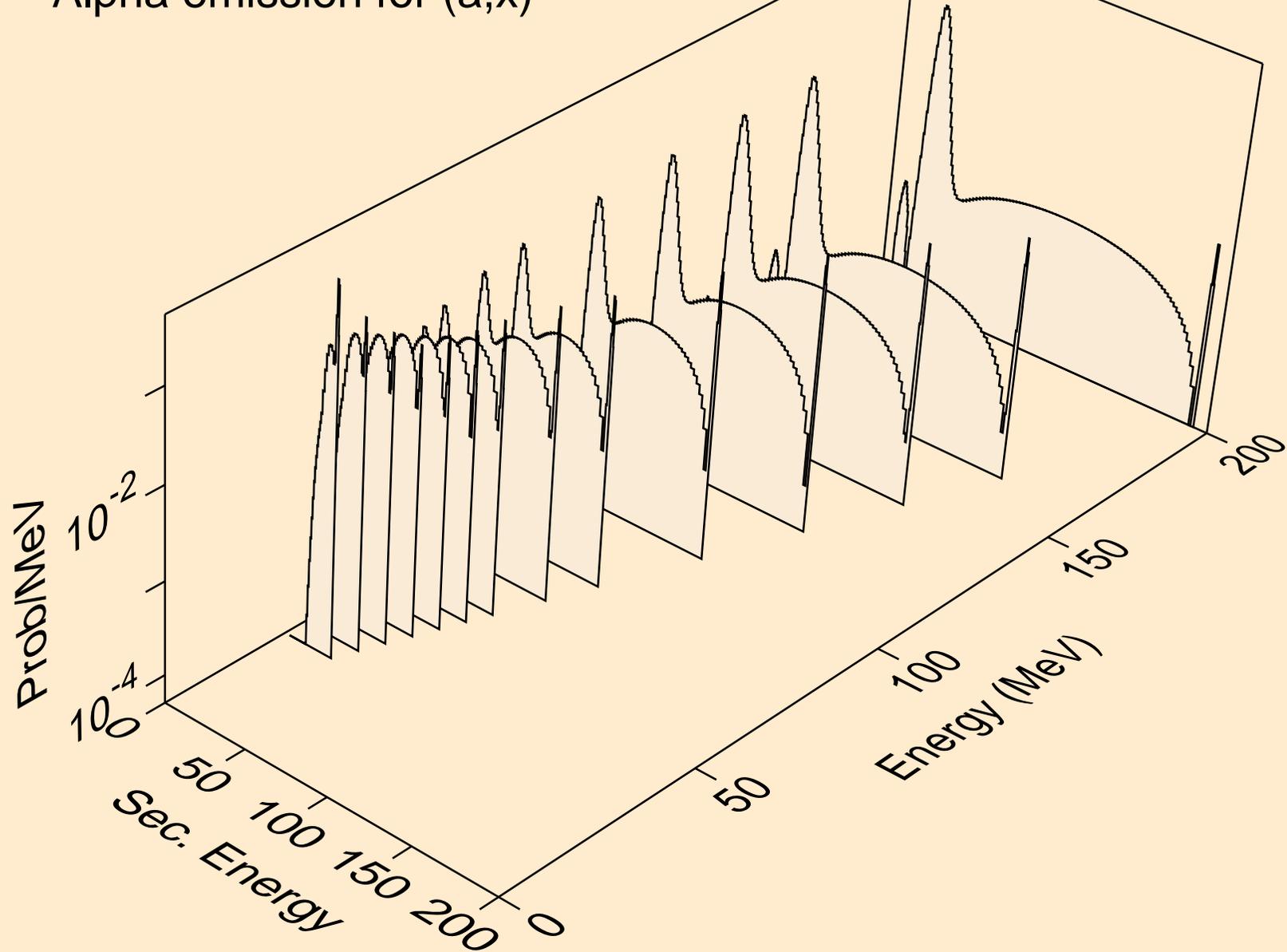
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angular distribution for elastic



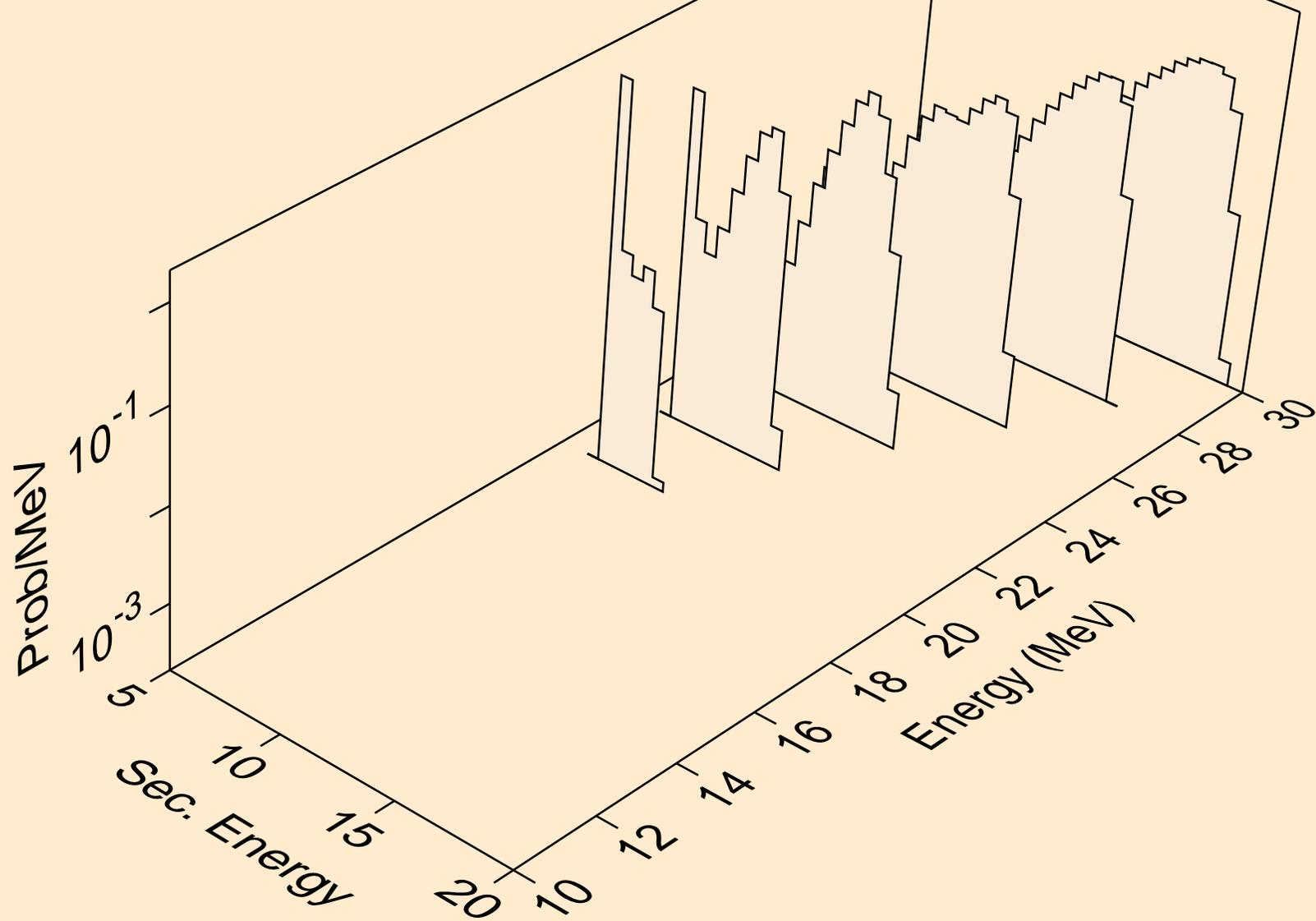
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)

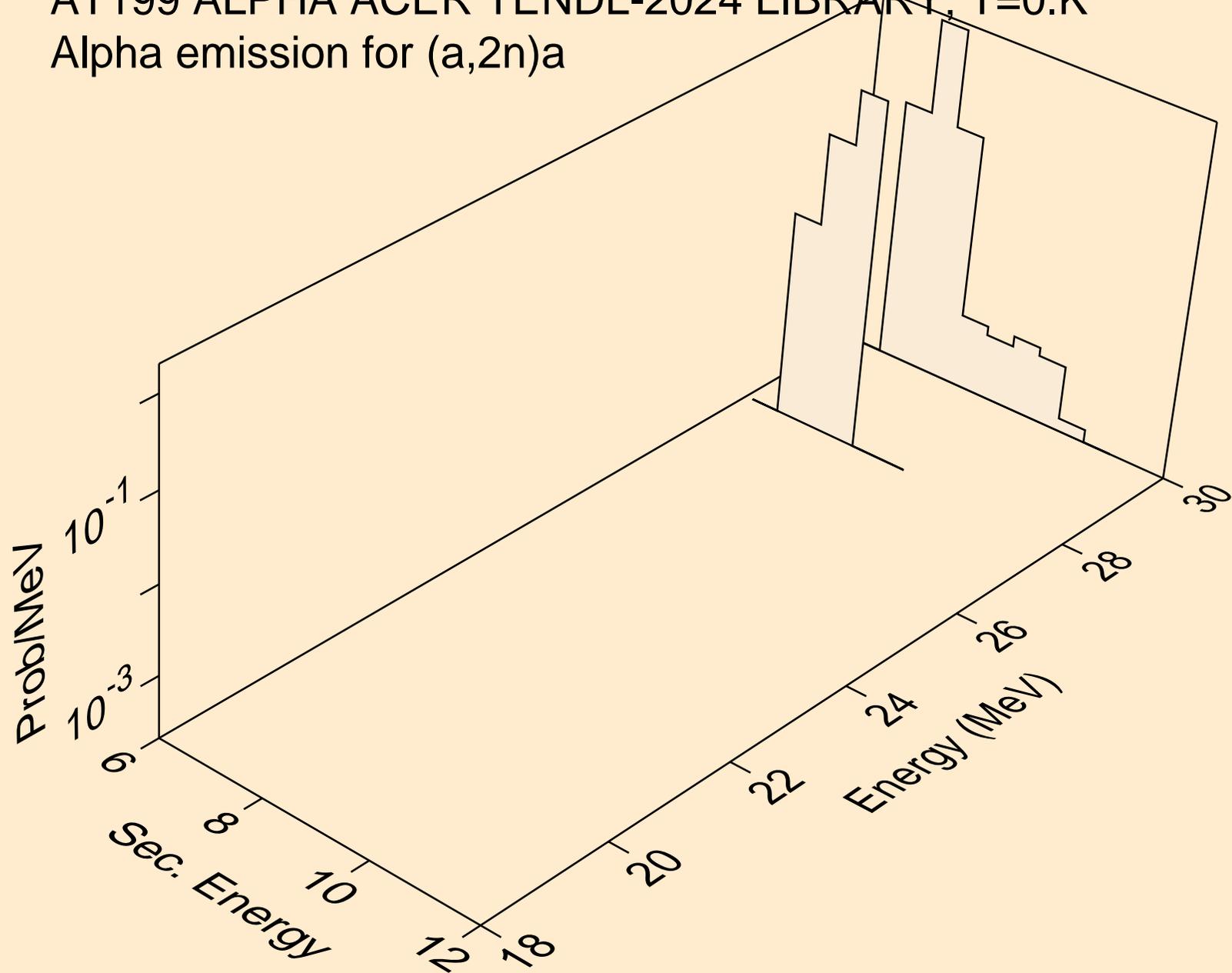


AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

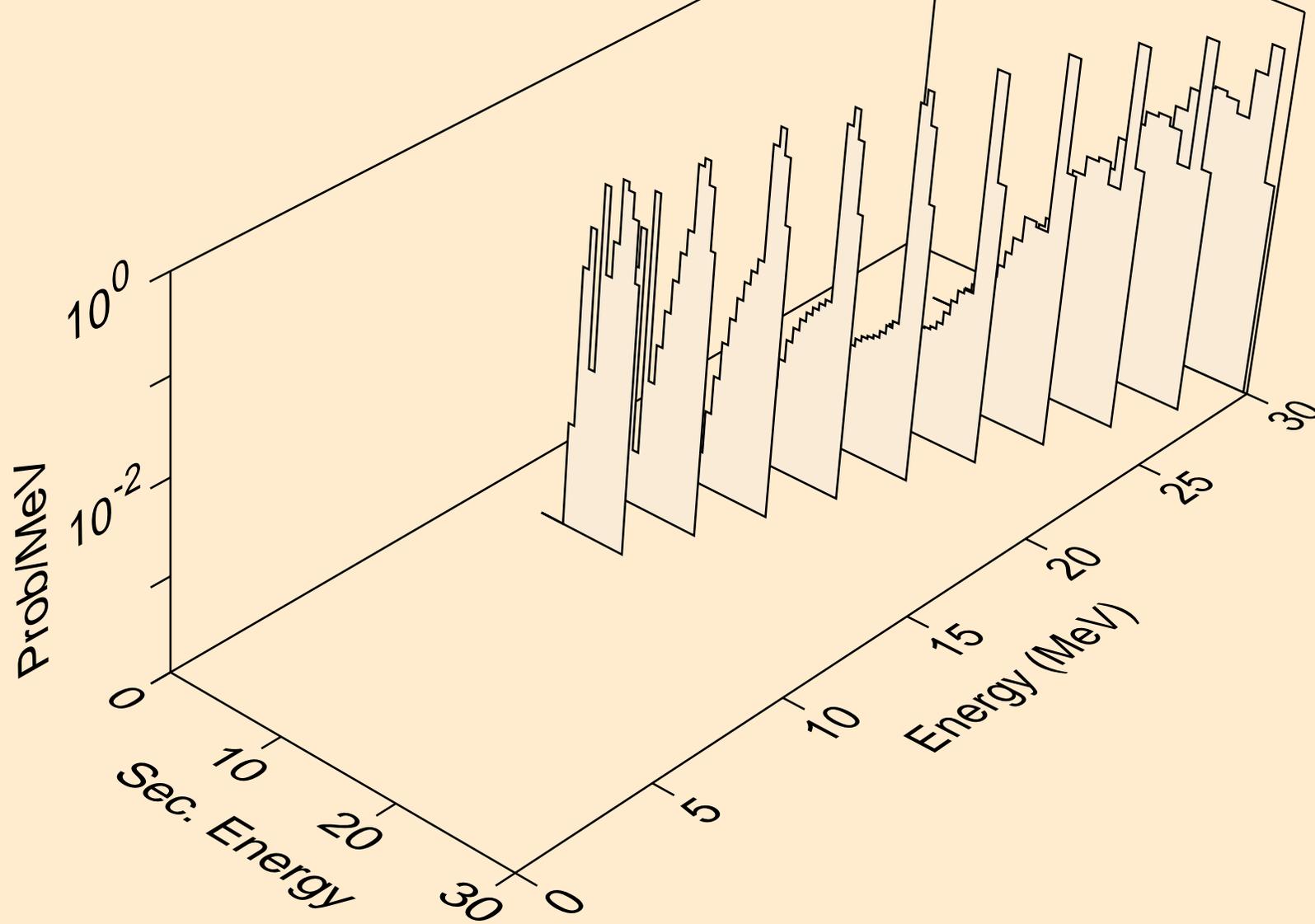


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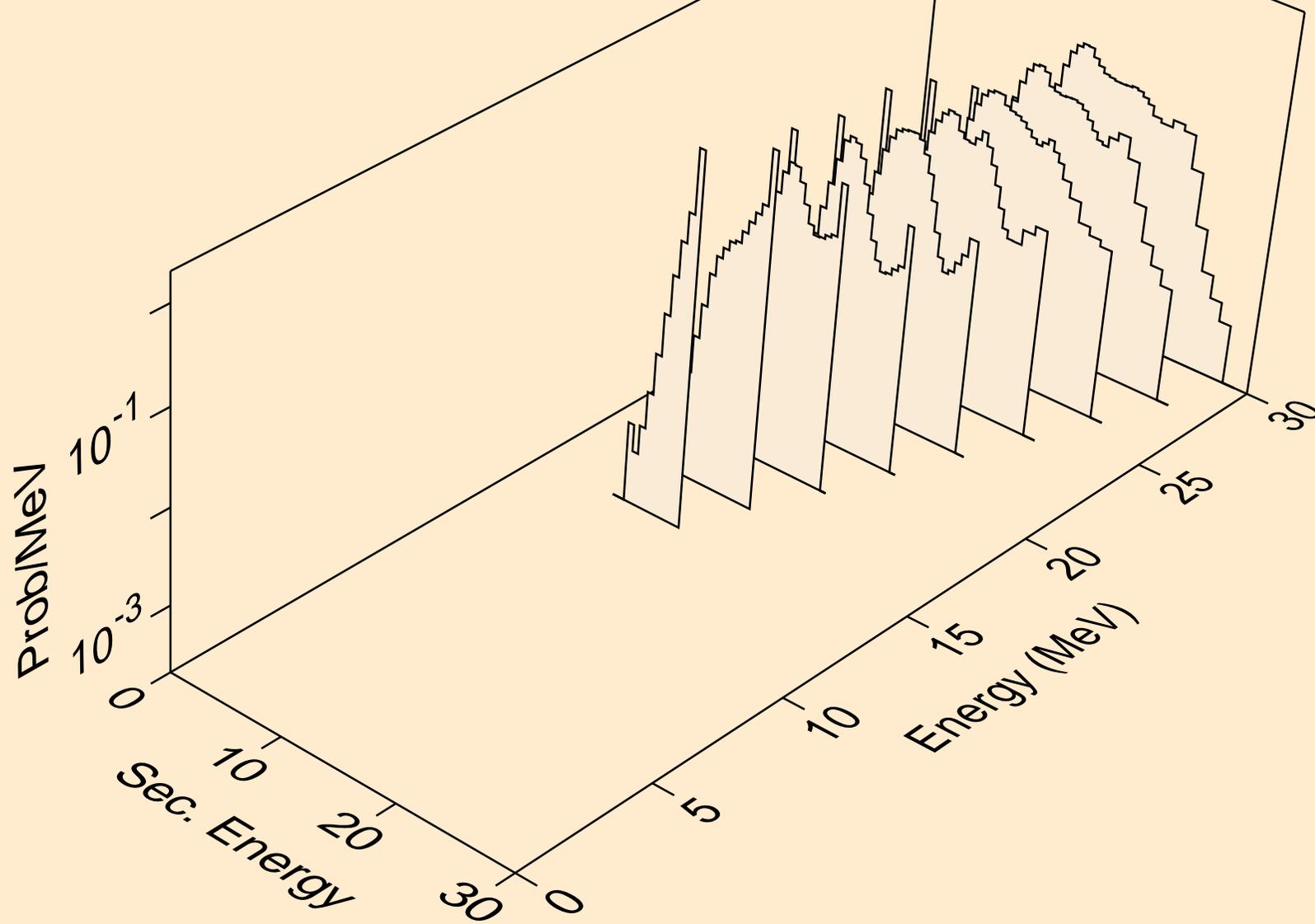
Alpha emission for (a,2n)a



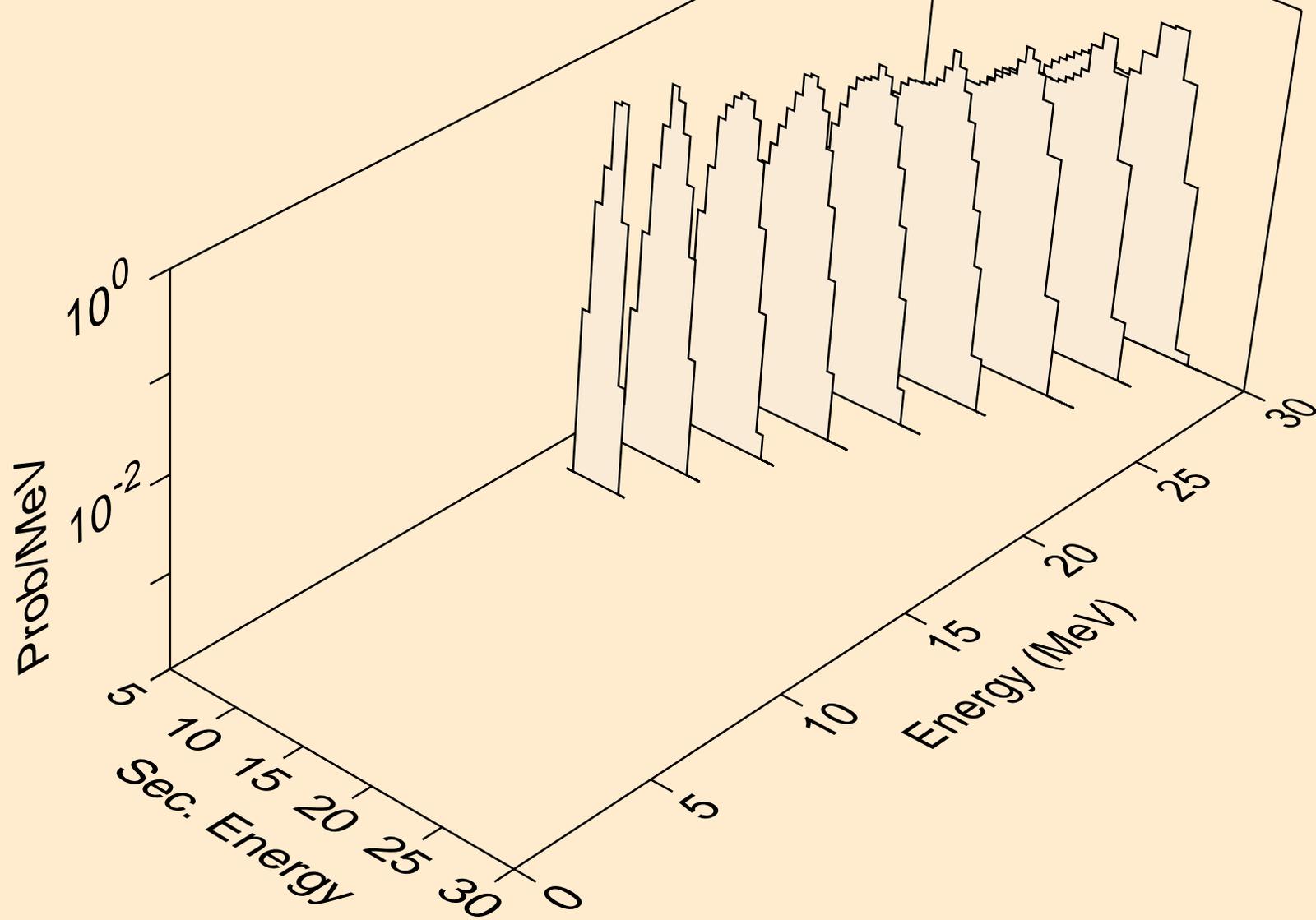
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



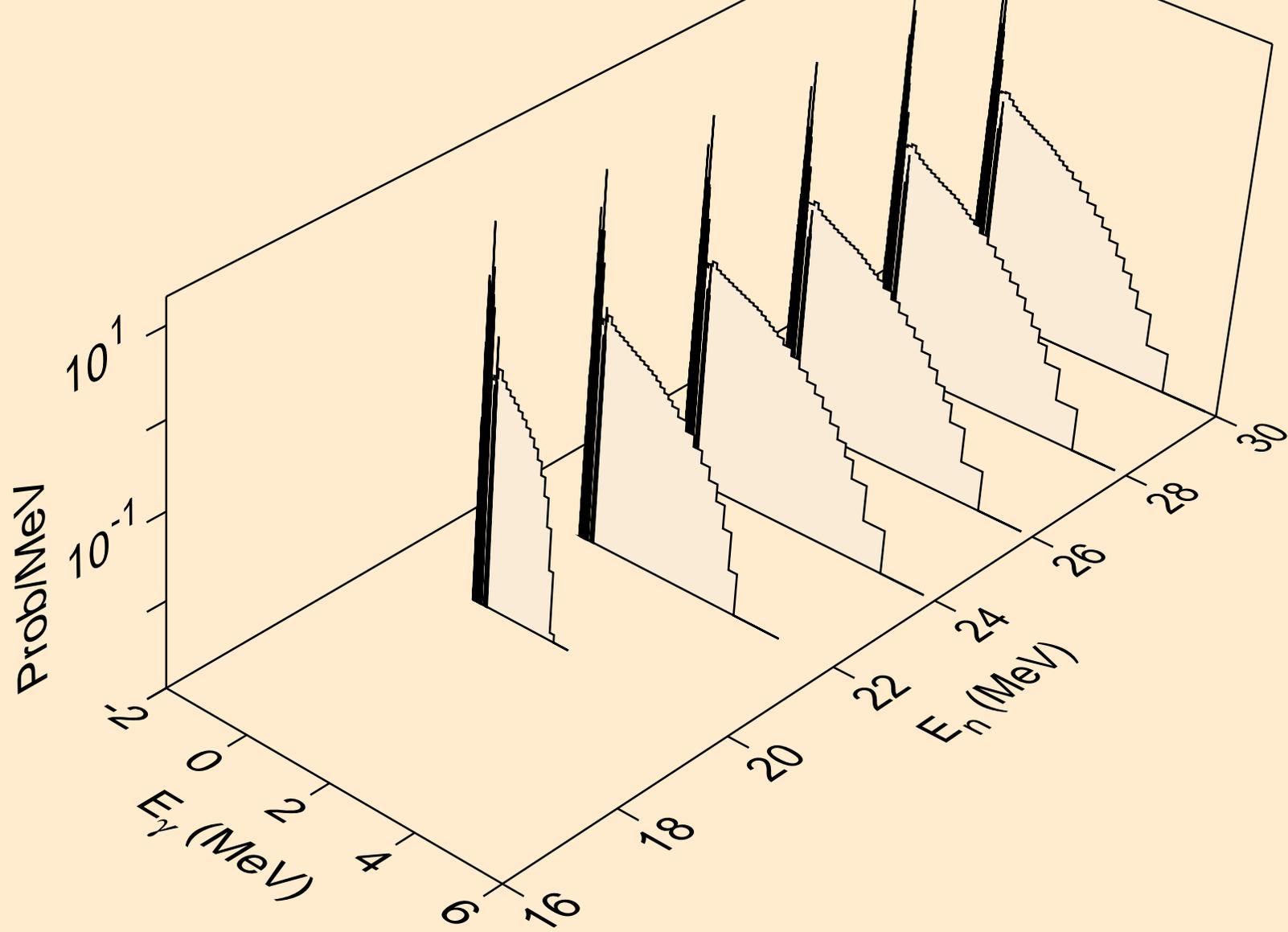
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2a)



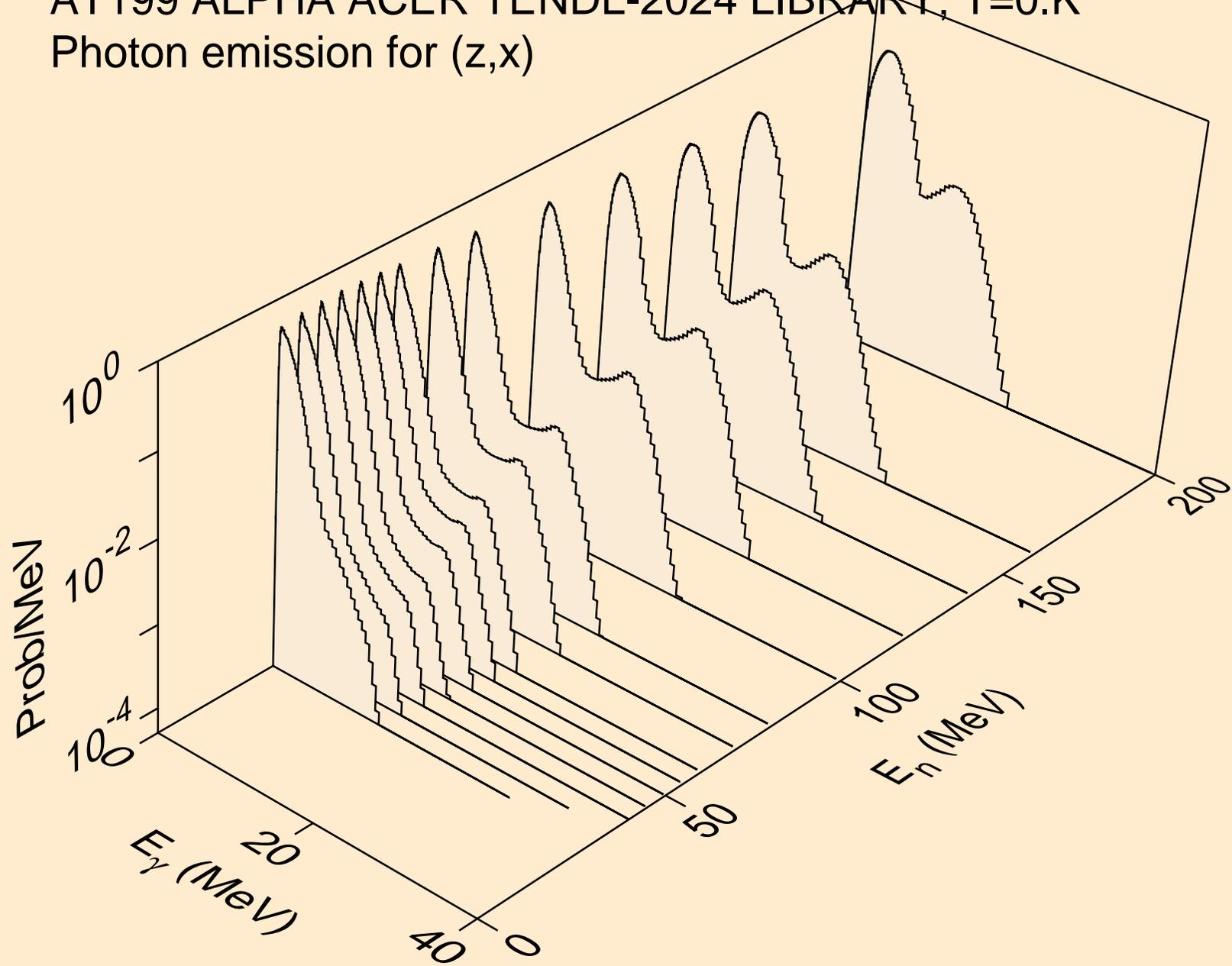
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,pa)



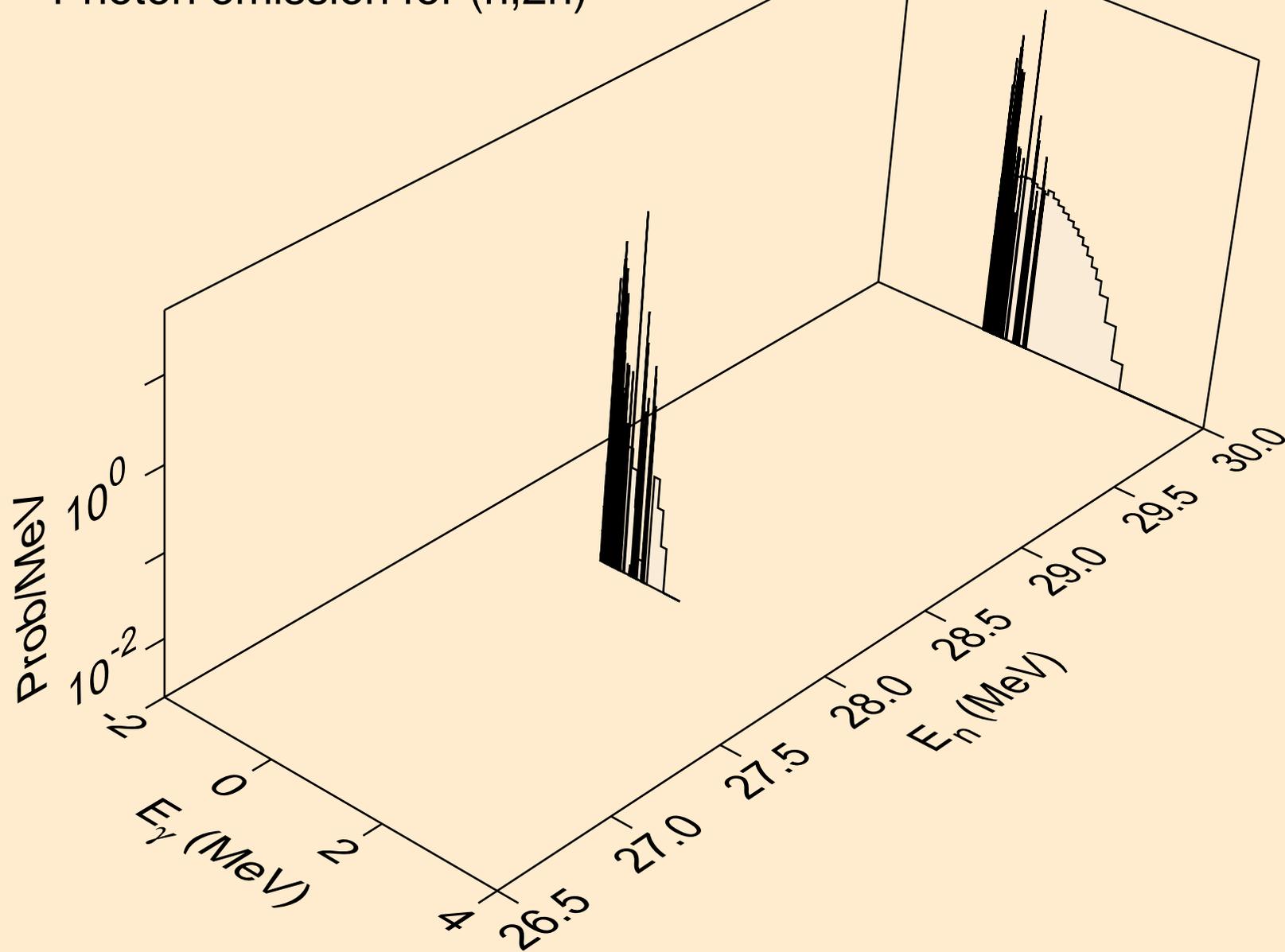
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Photon emission for (z,n)



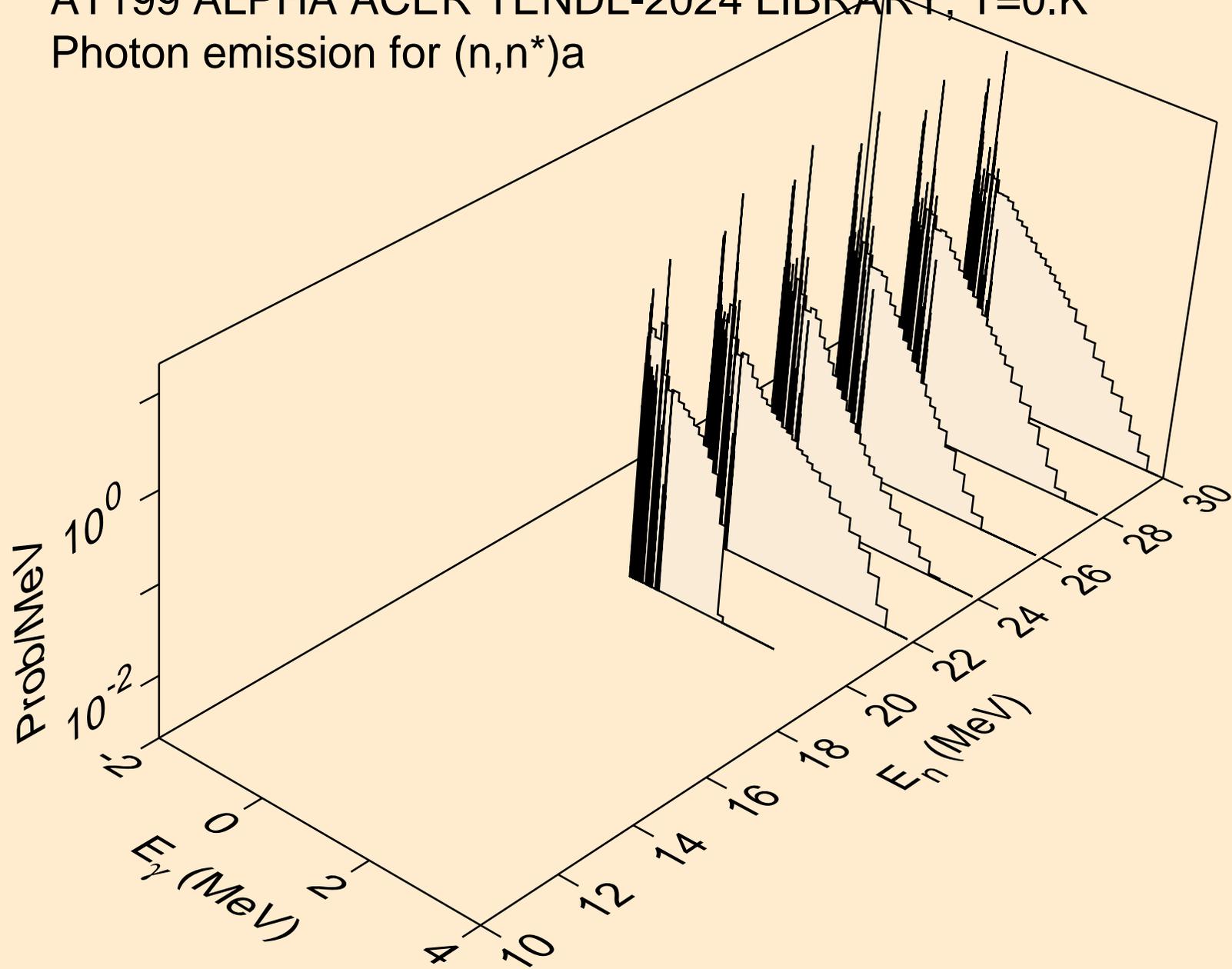
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



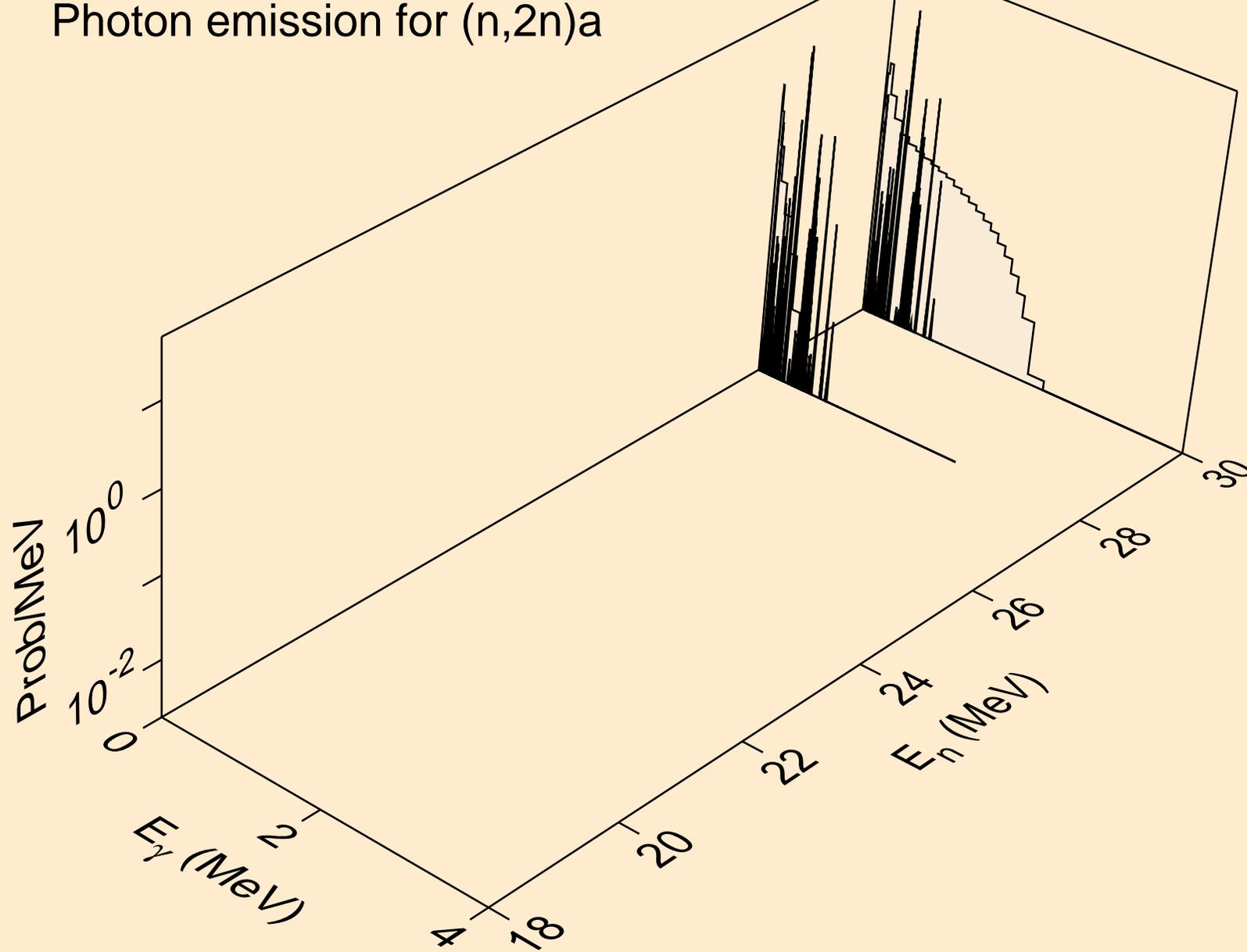
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



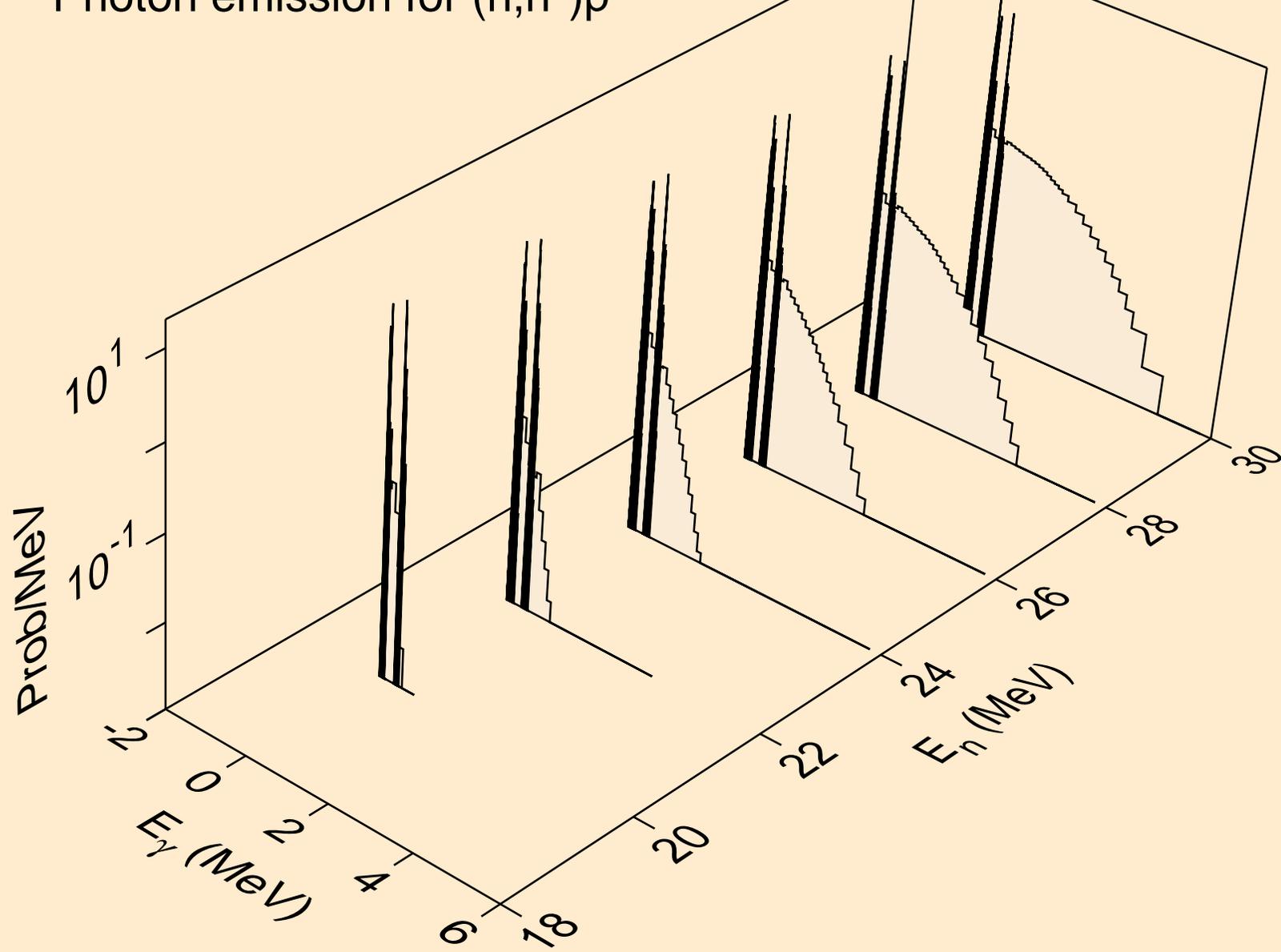
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



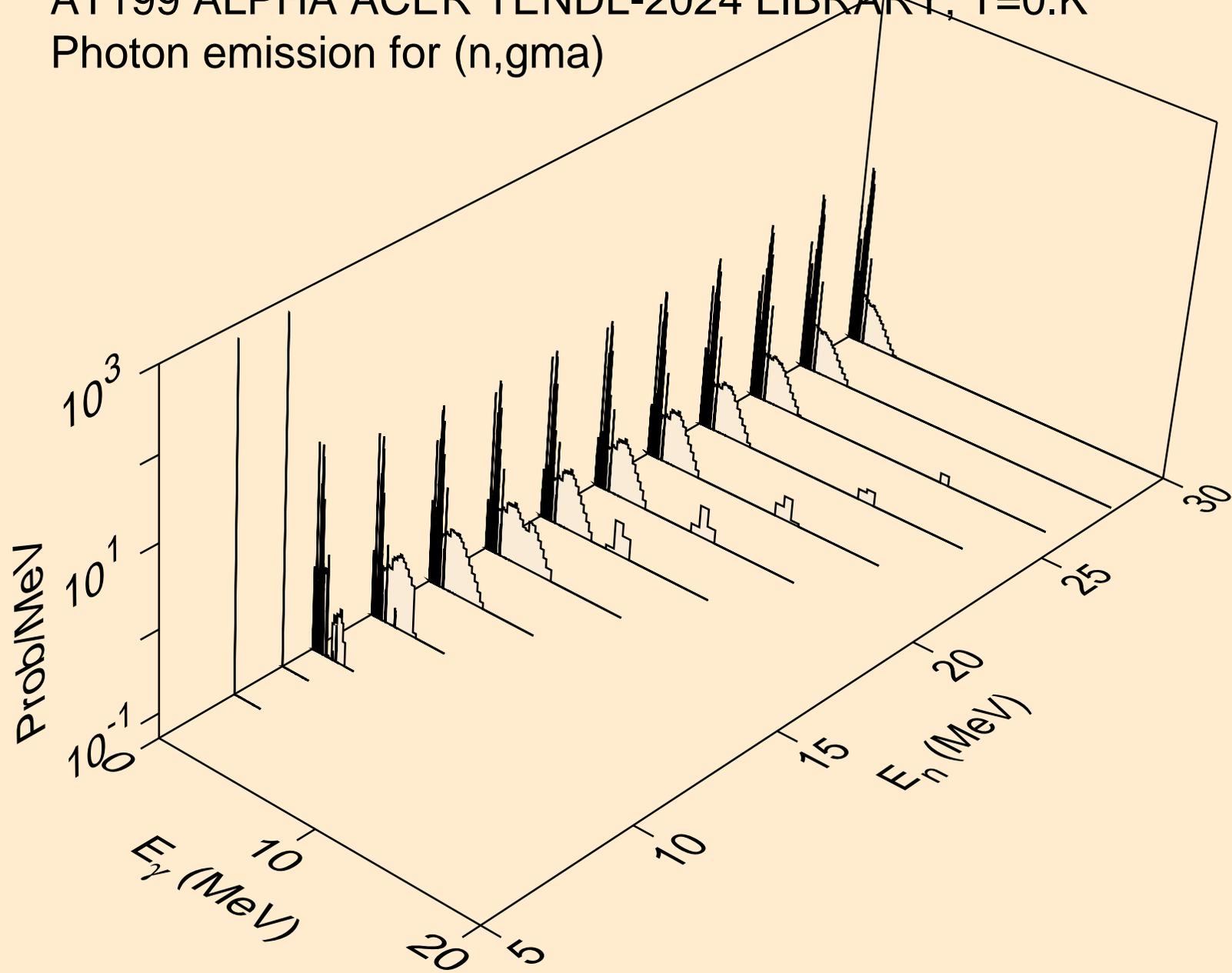
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Photon emission for (n,2n)a



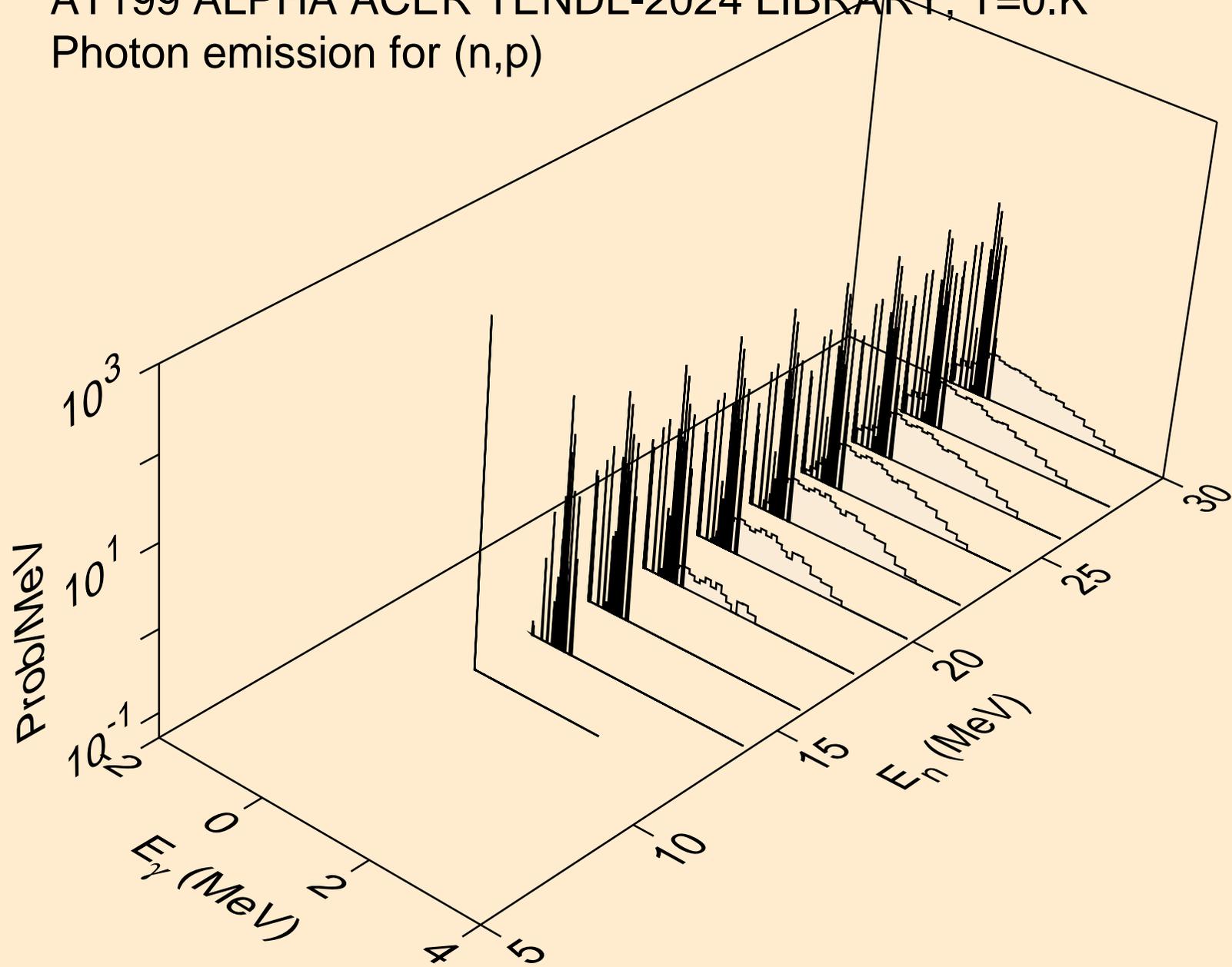
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Photon emission for (n,n\*)p



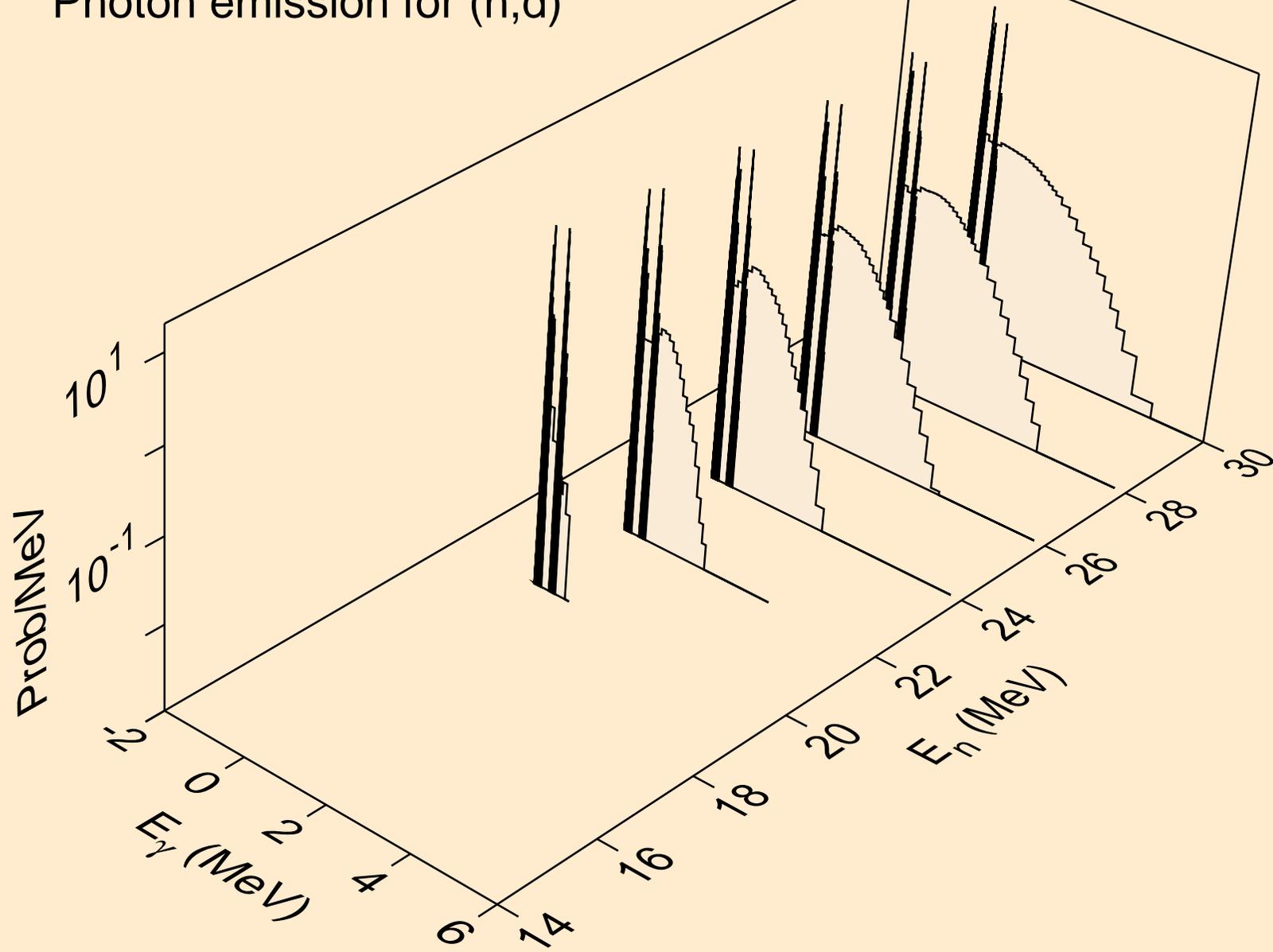
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



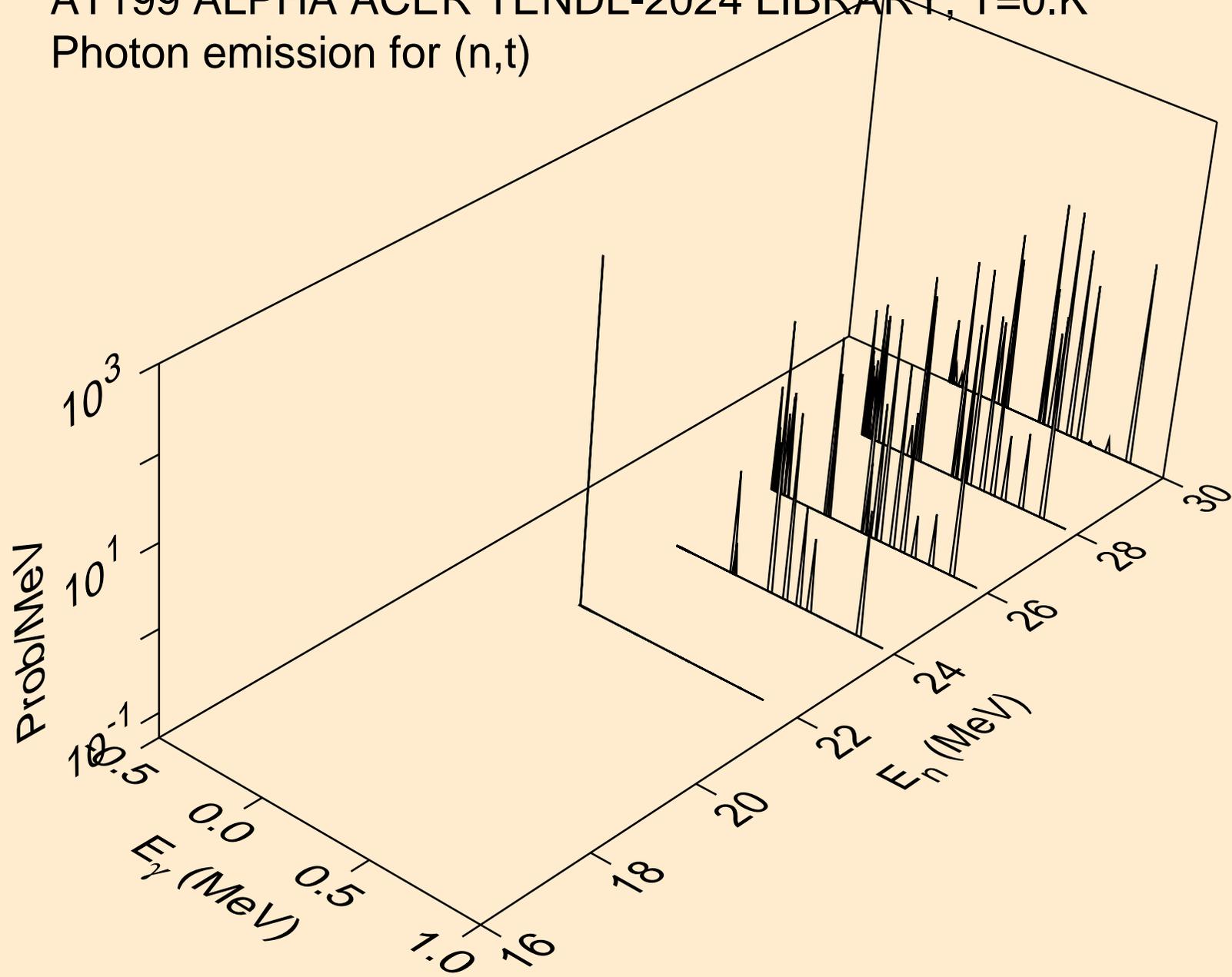
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Photon emission for (n,p)



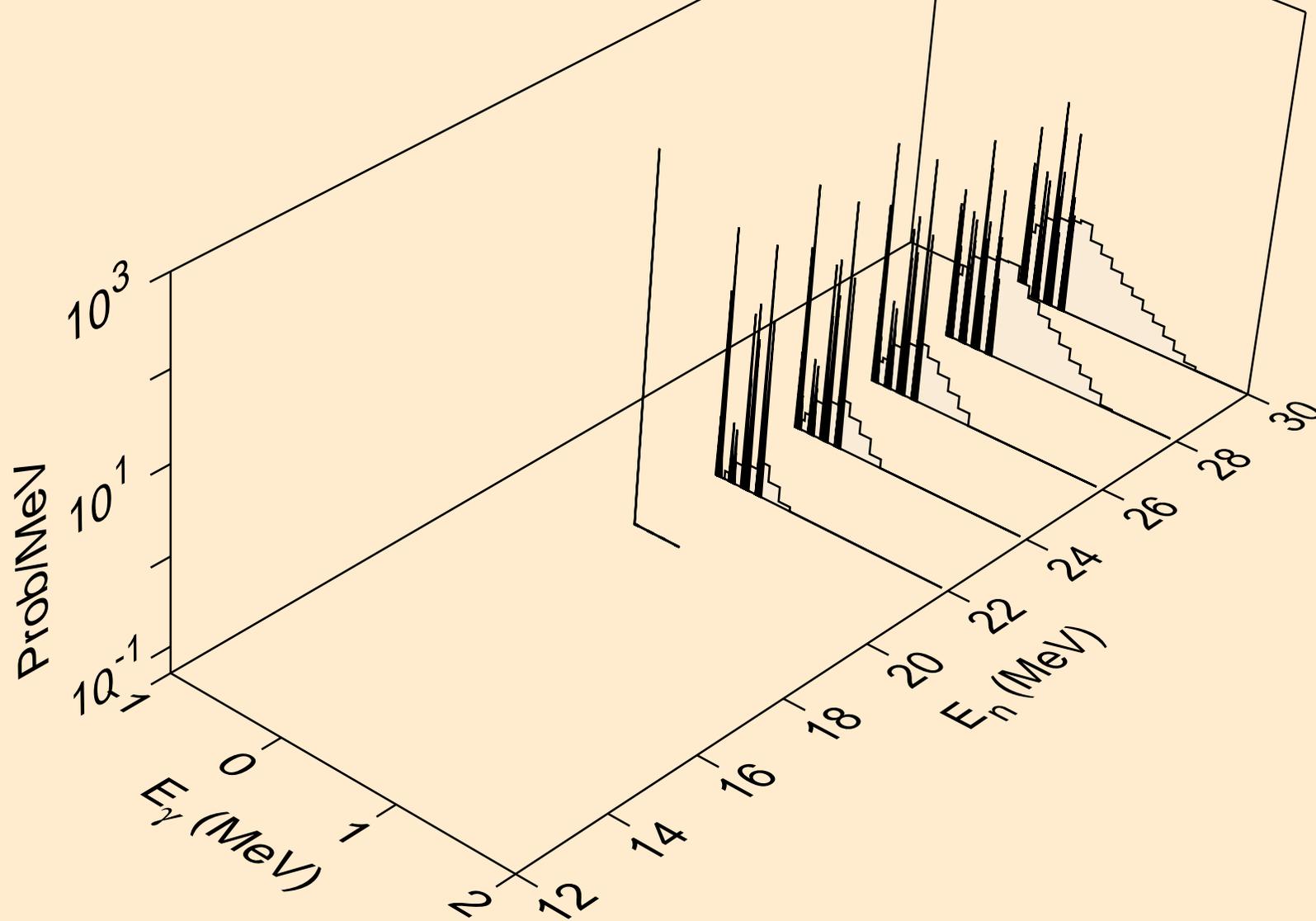
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



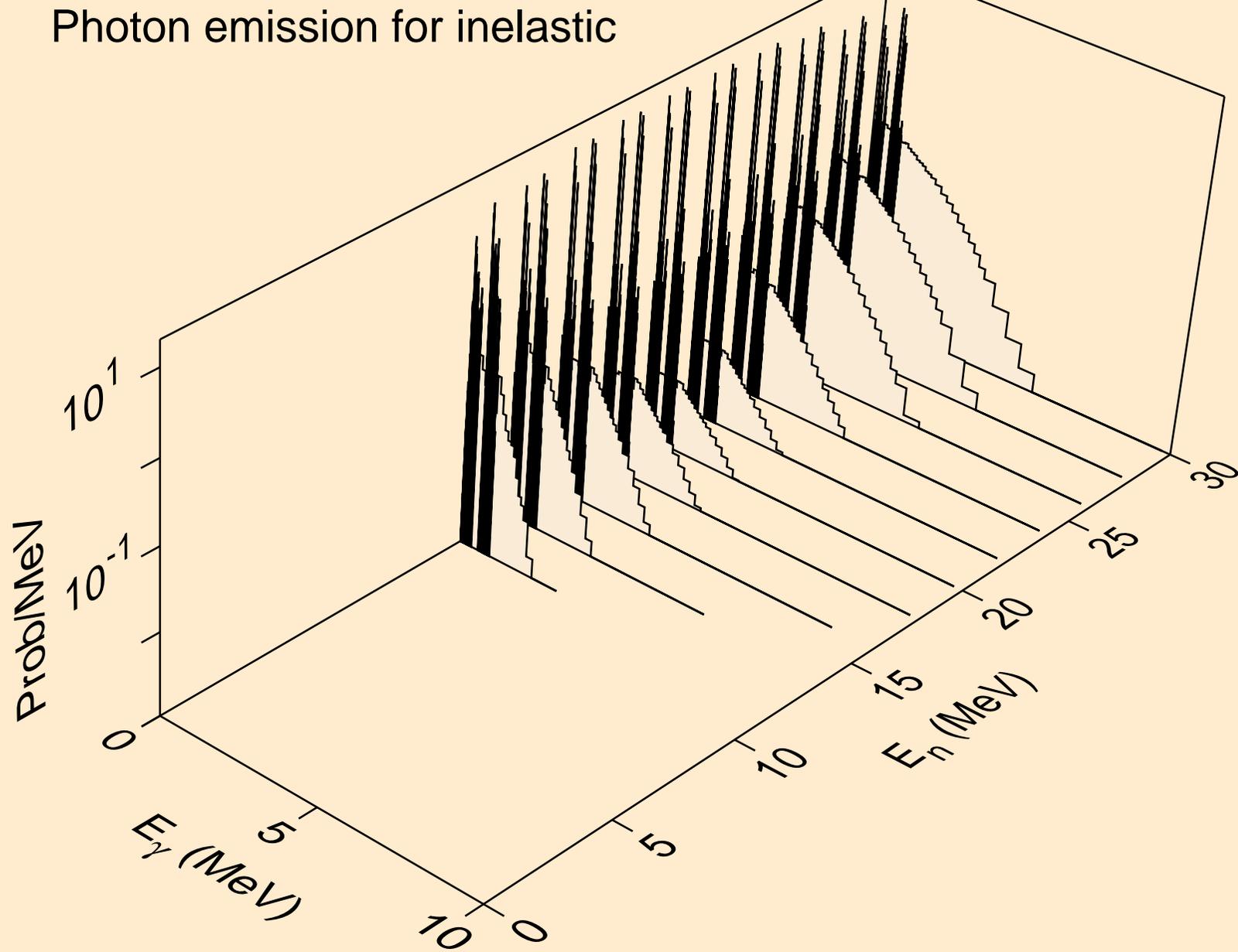
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



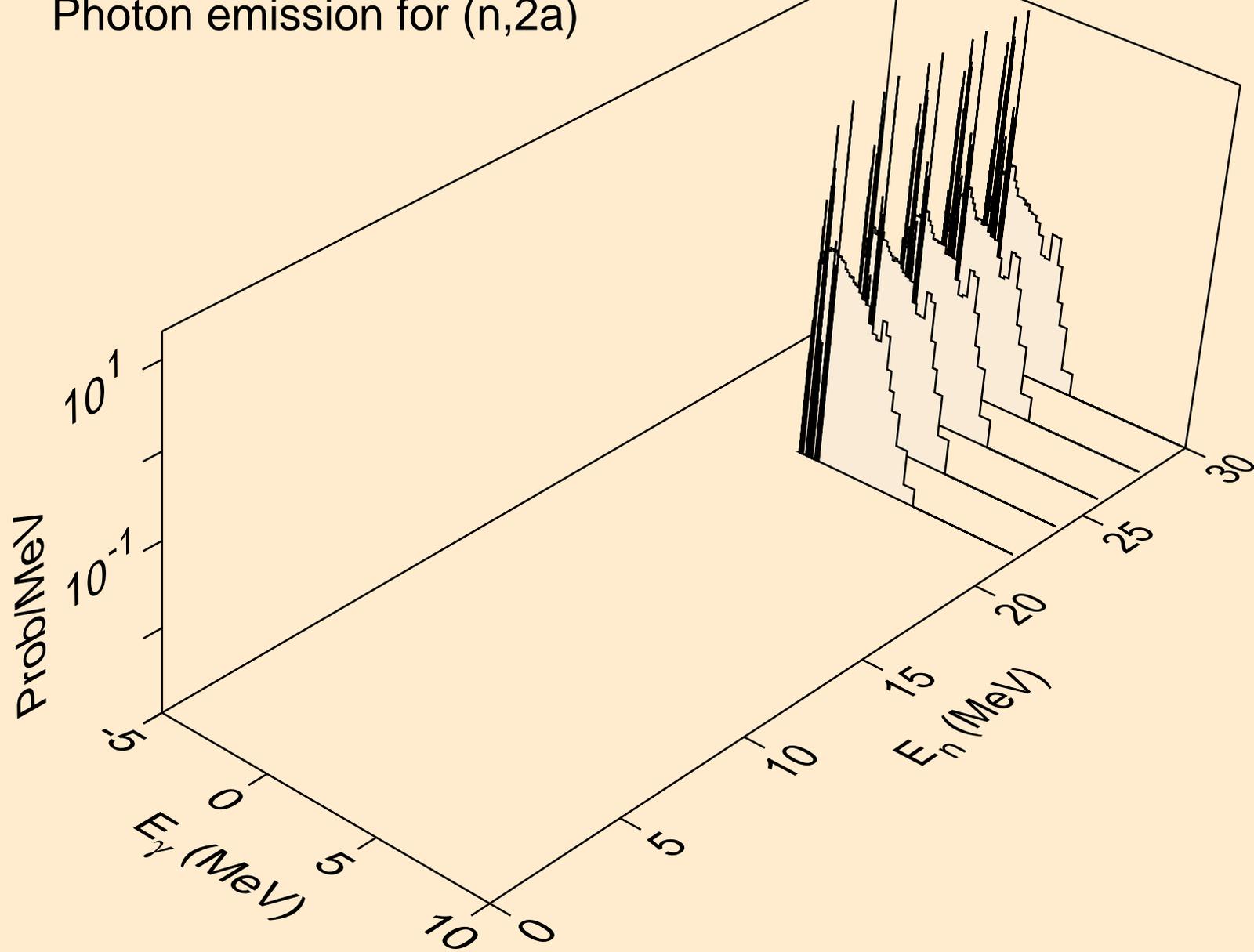
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Photon emission for (n,he3)



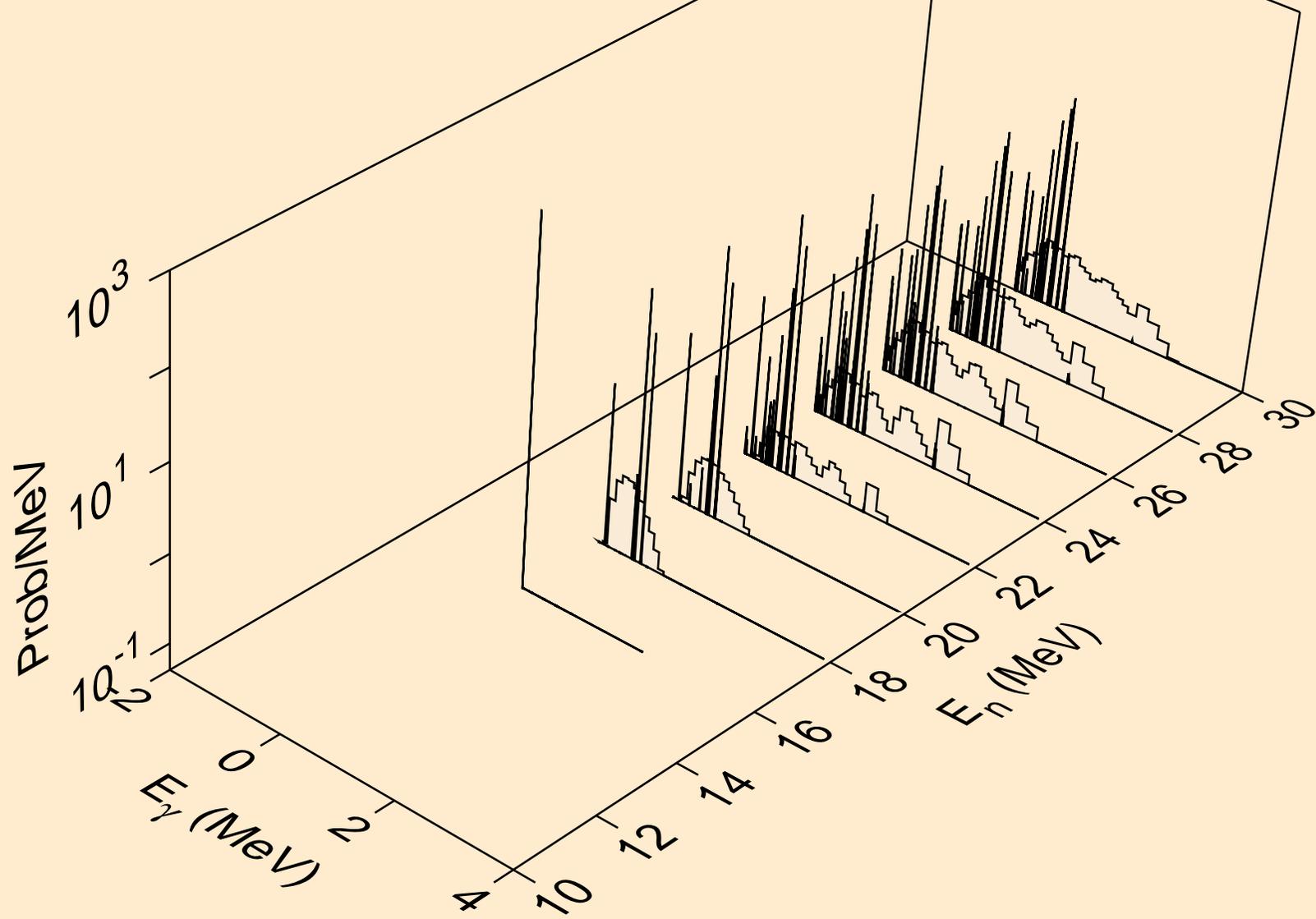
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



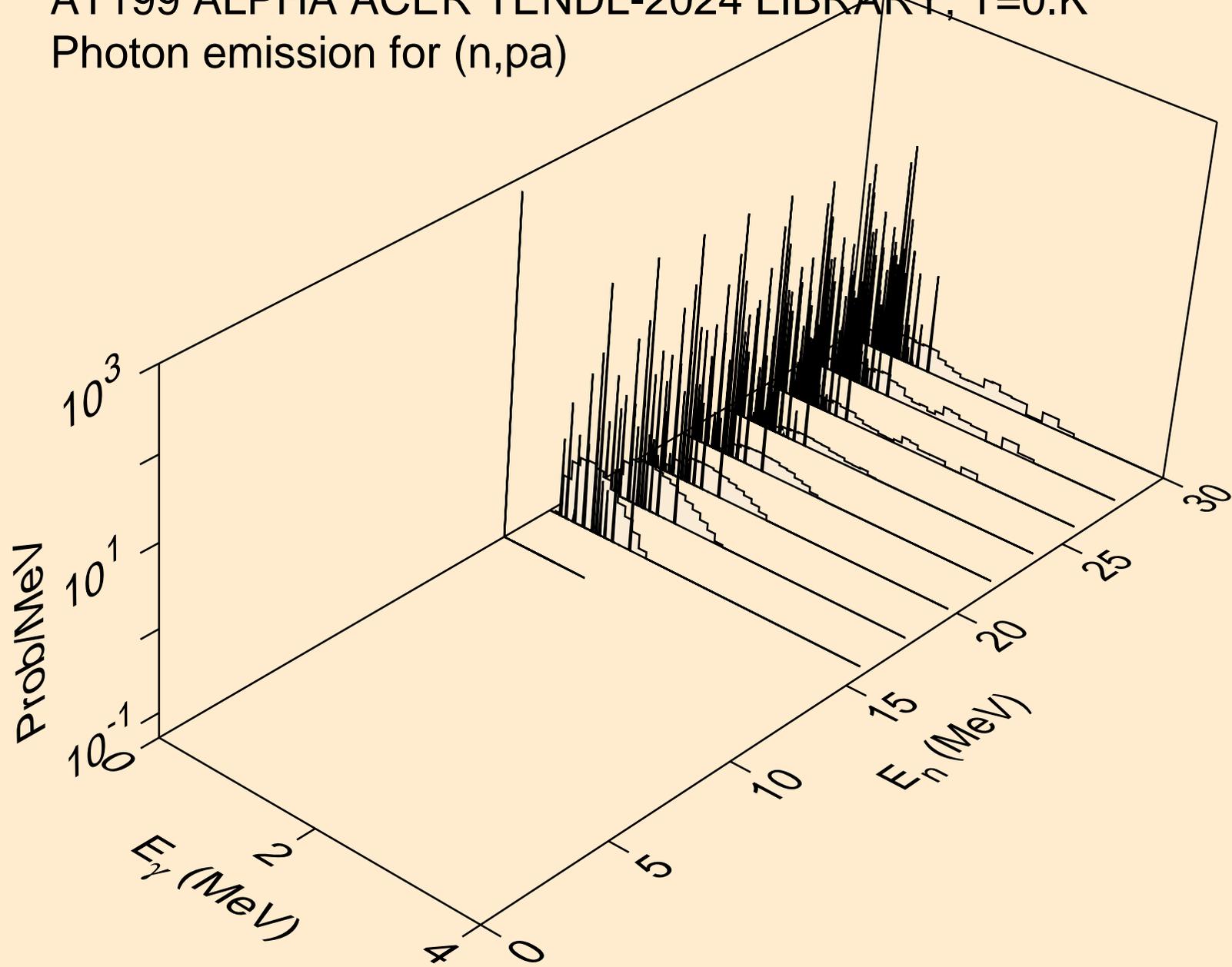
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Photon emission for (n,2a)



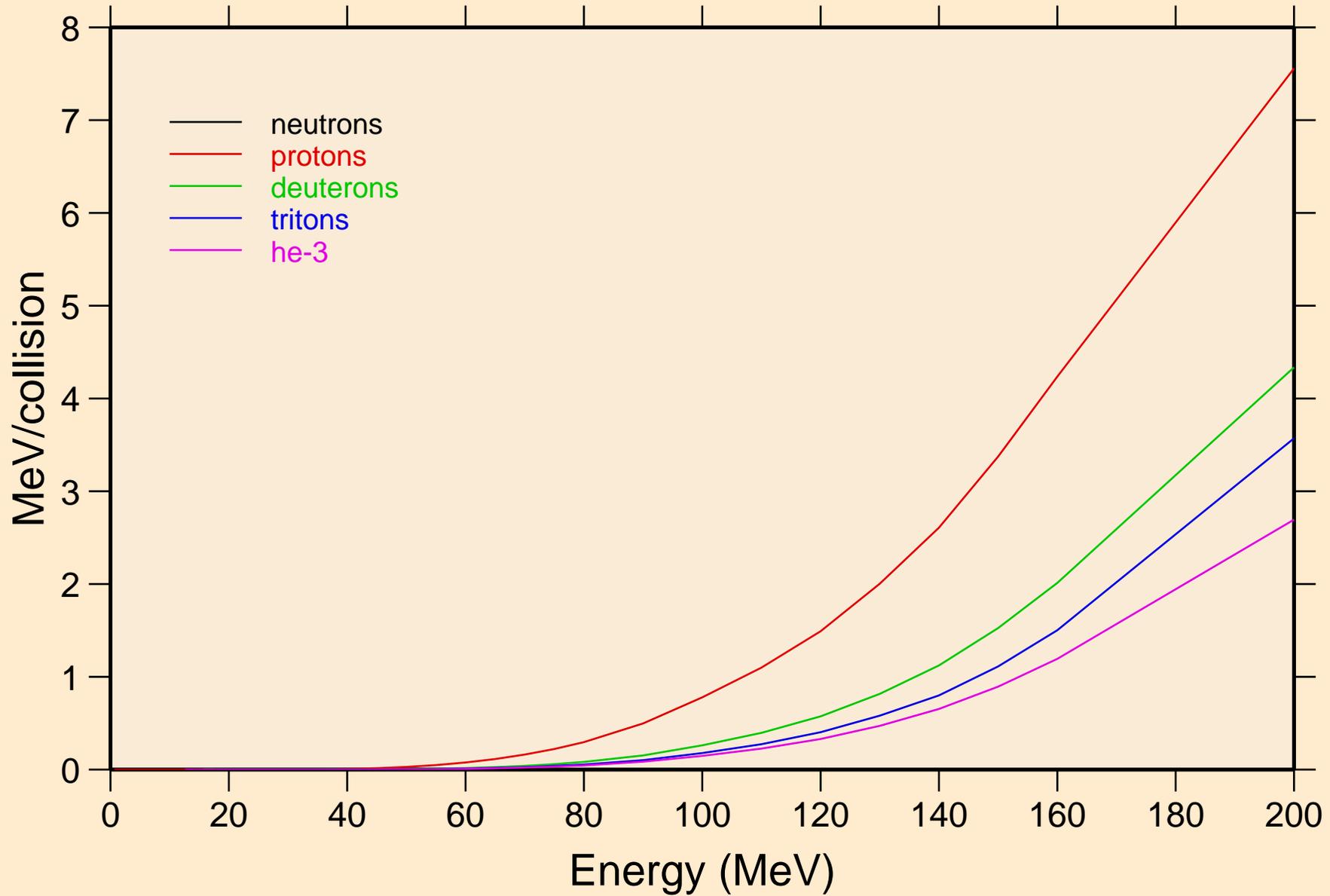
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Photon emission for (n,2p)



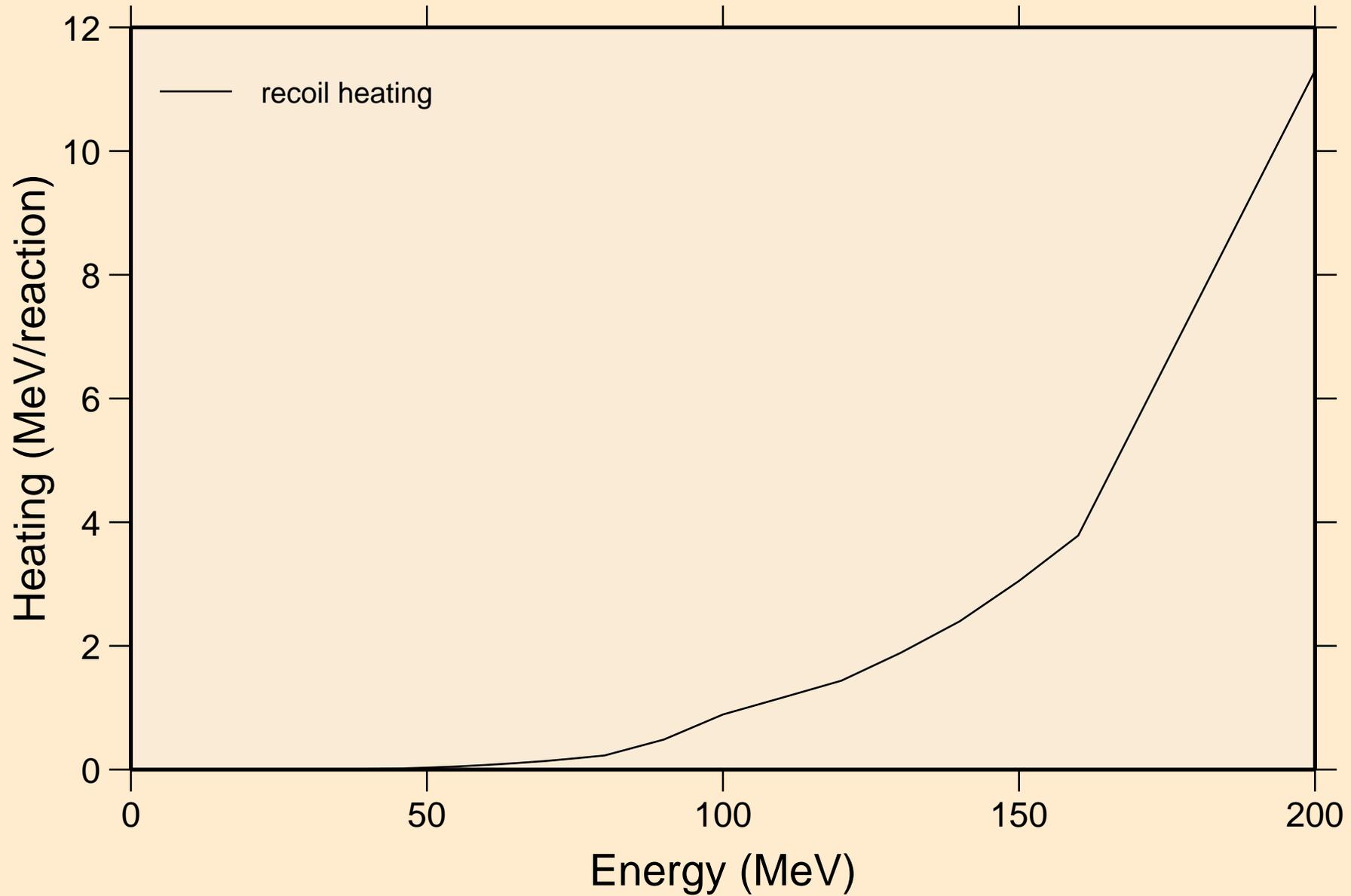
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

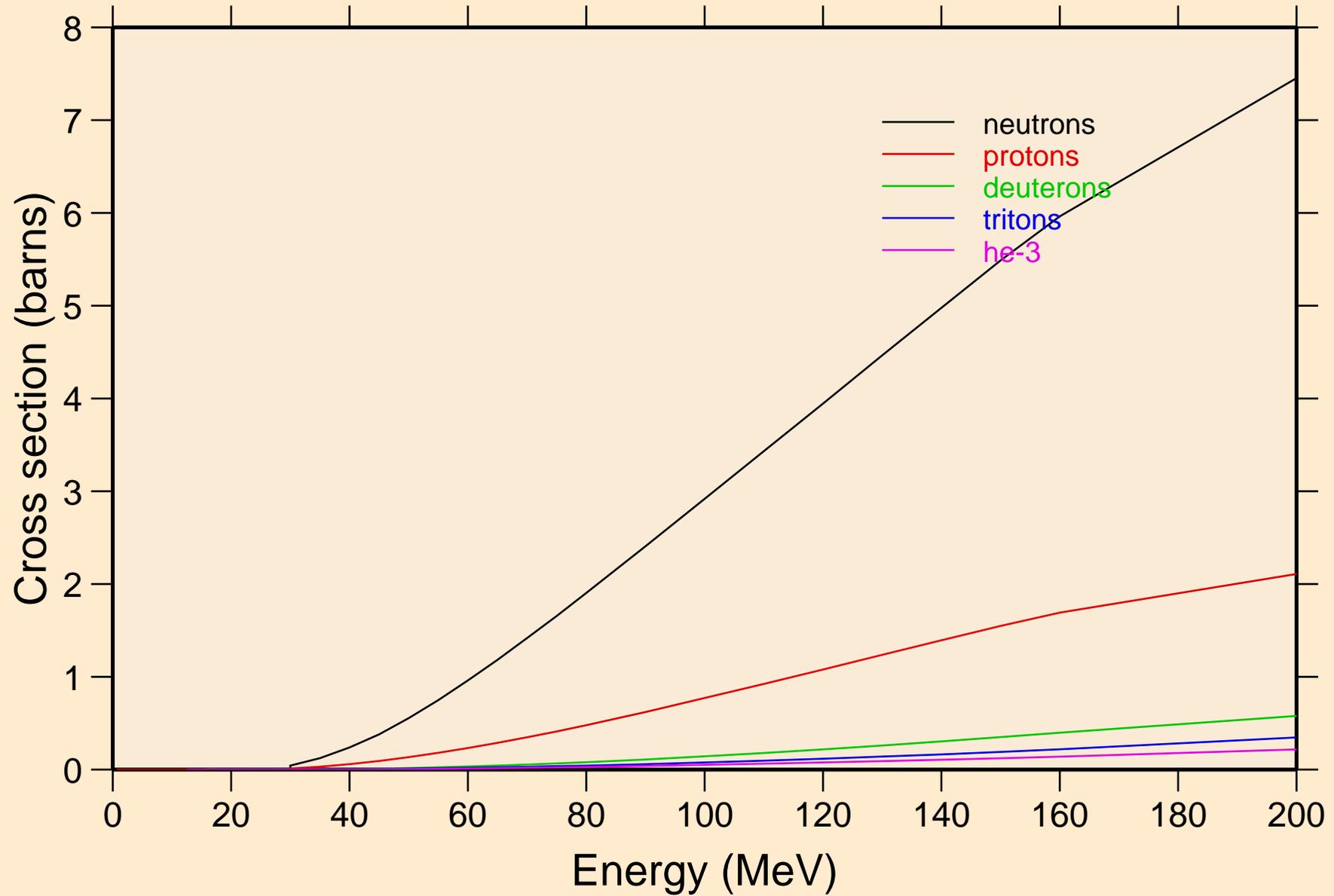


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Recoil Heating

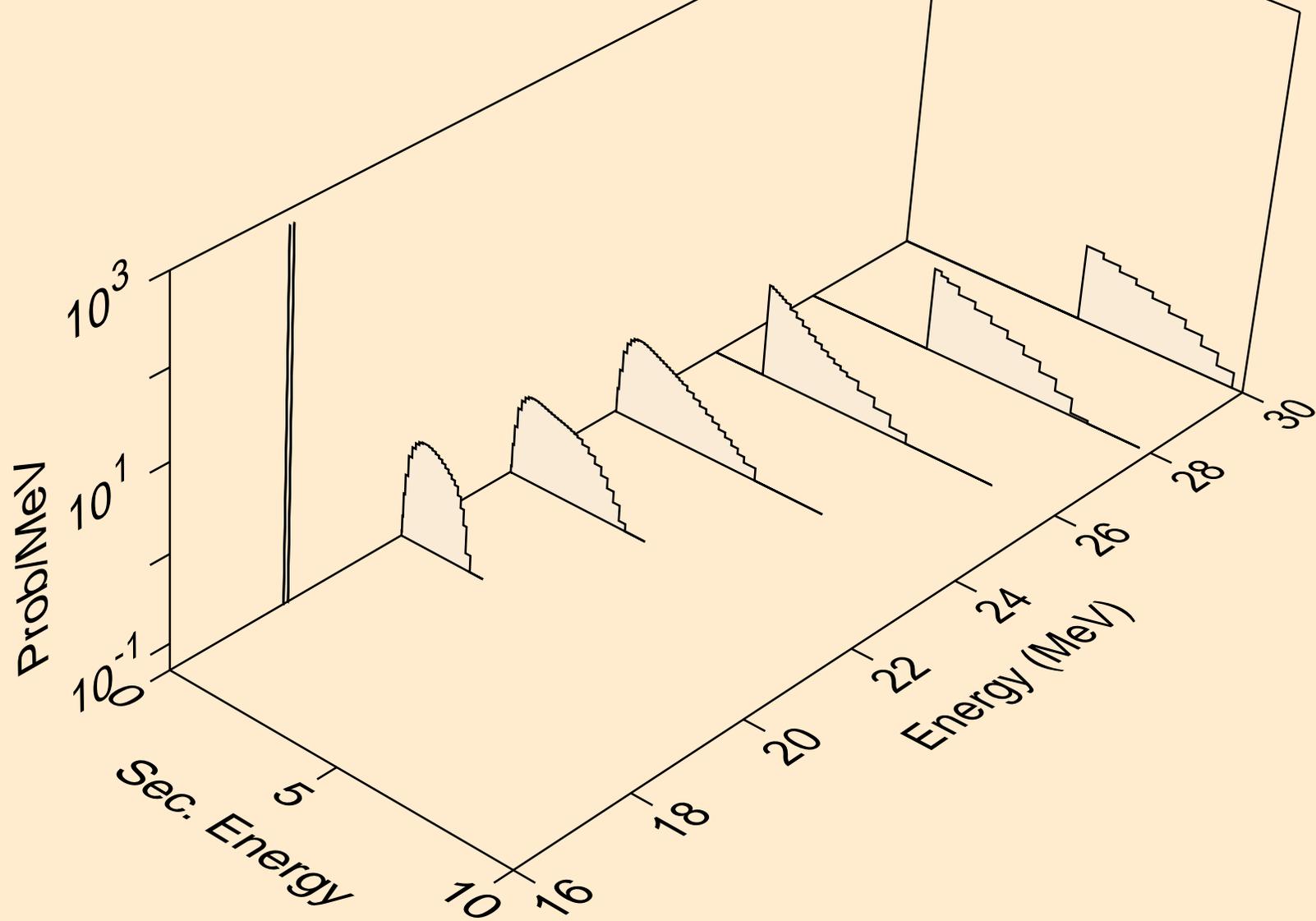


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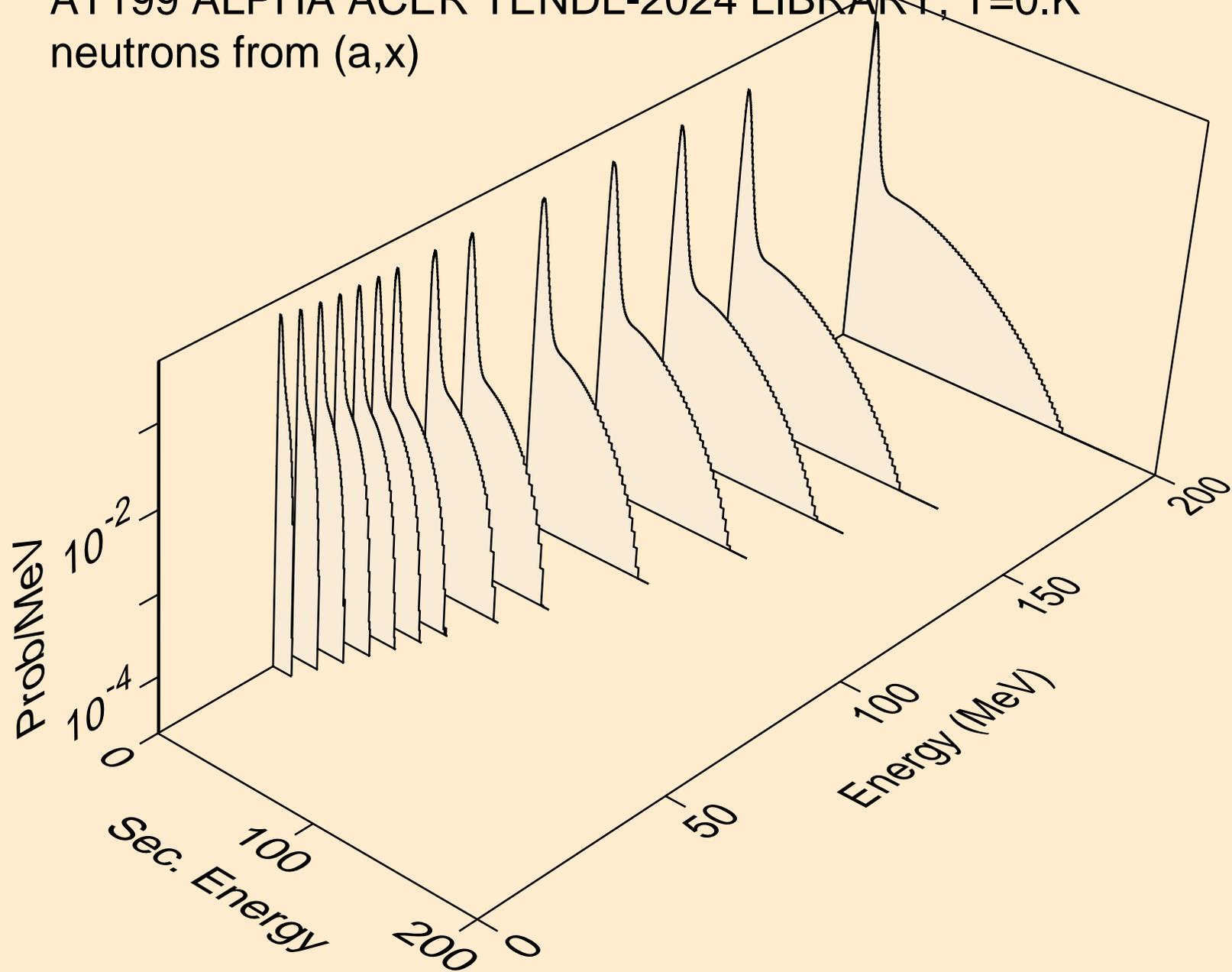
## Particle production cross sections



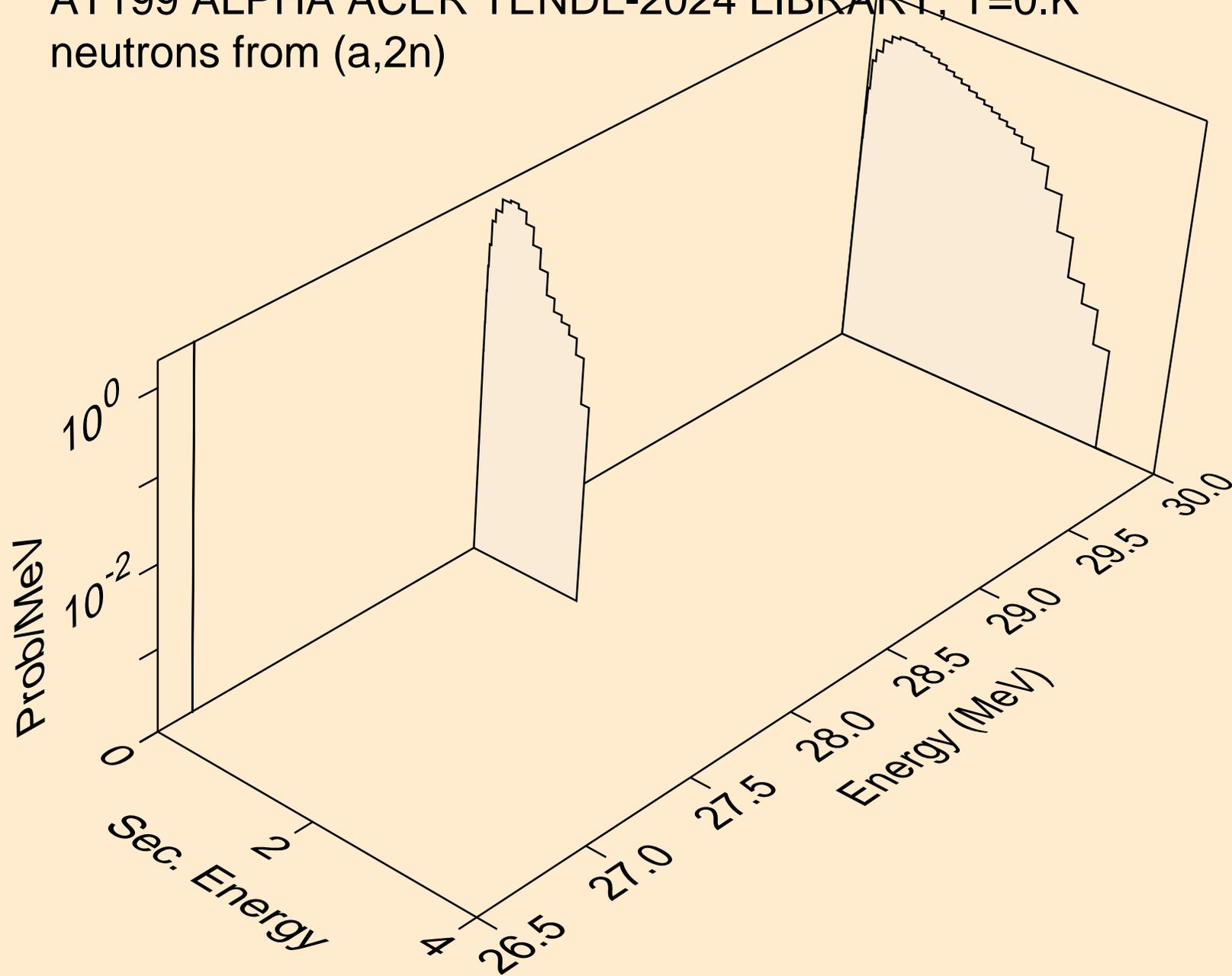
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



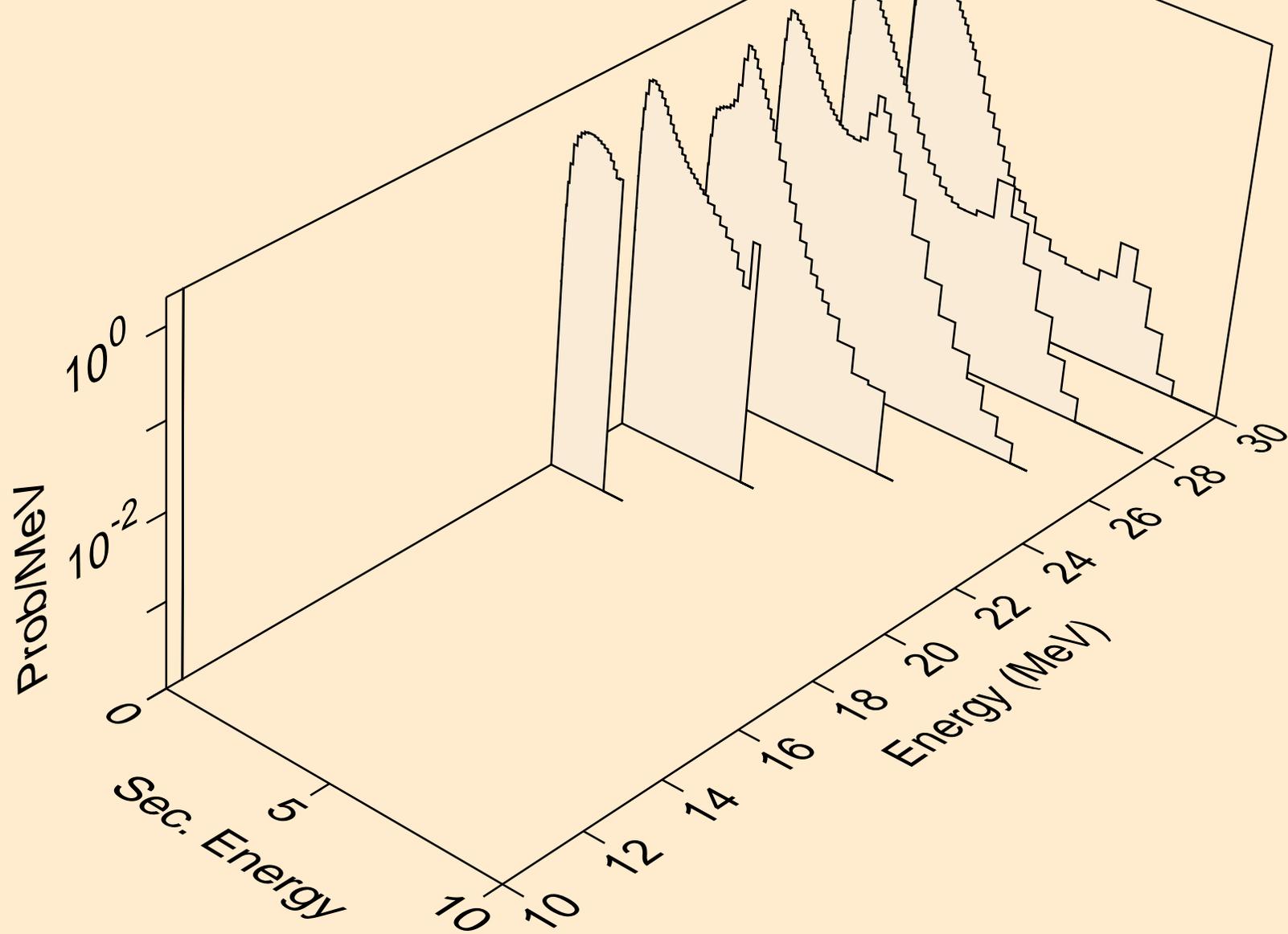
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neutrons from (a,x)



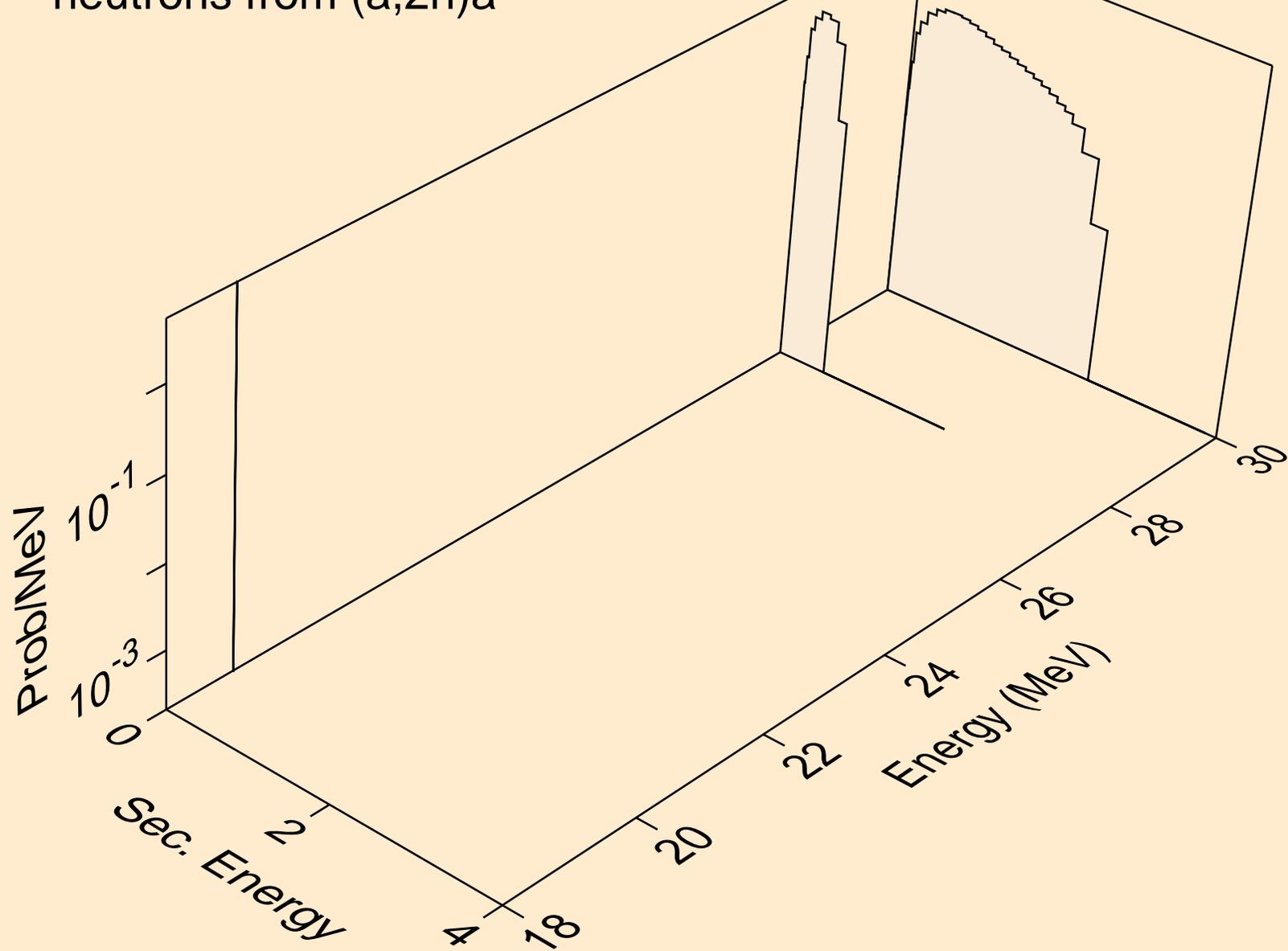
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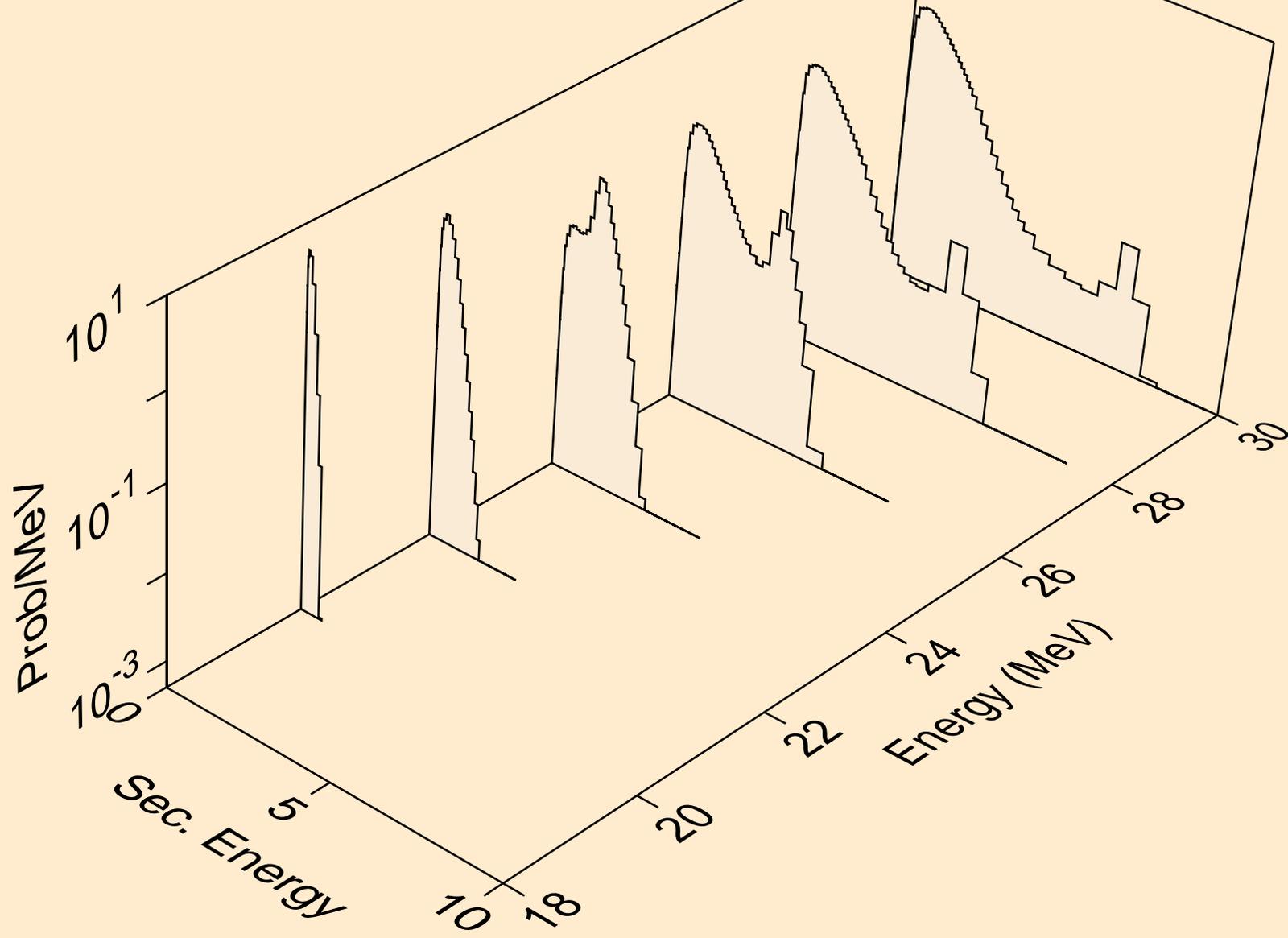
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



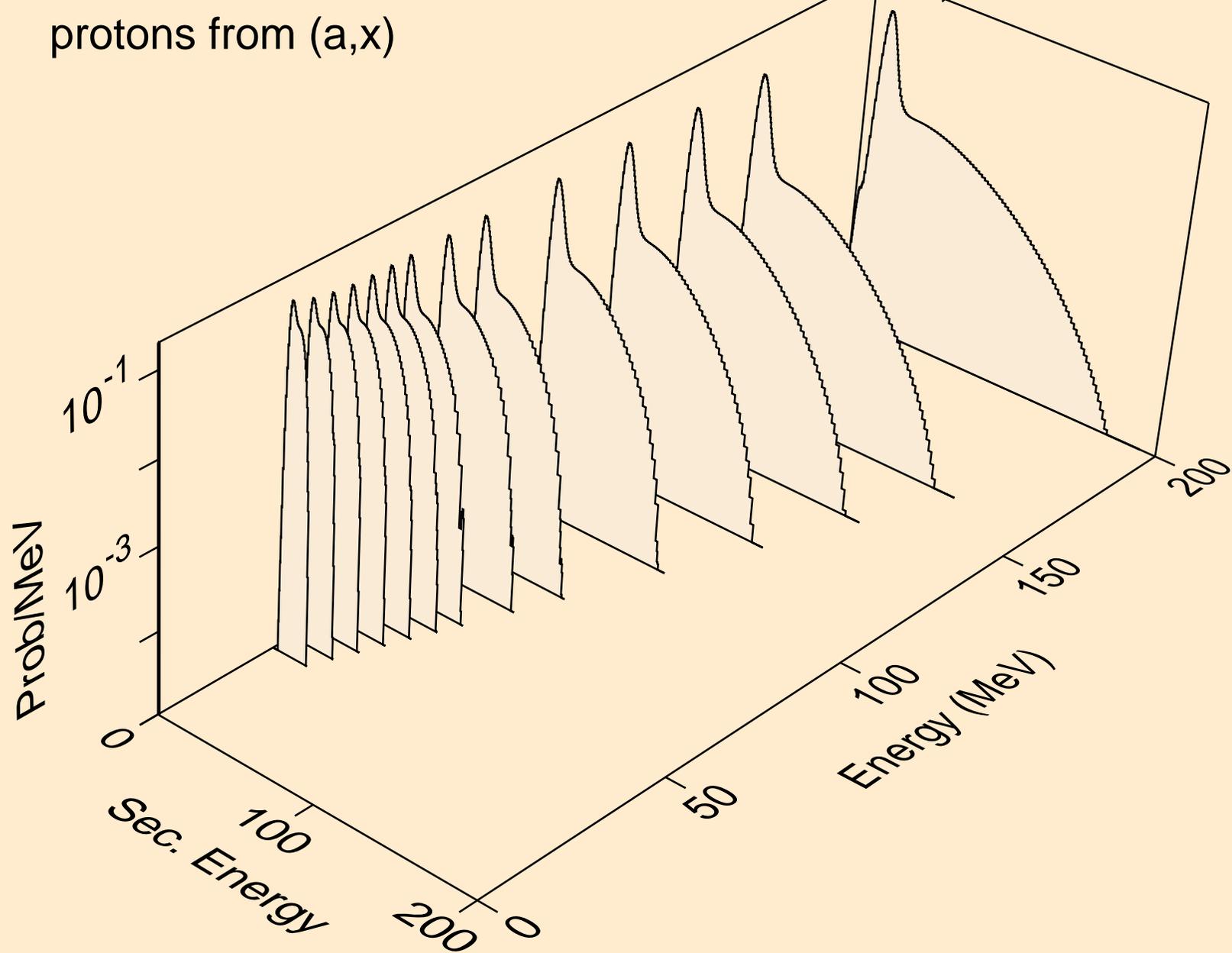
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neutrons from (a,2n)a



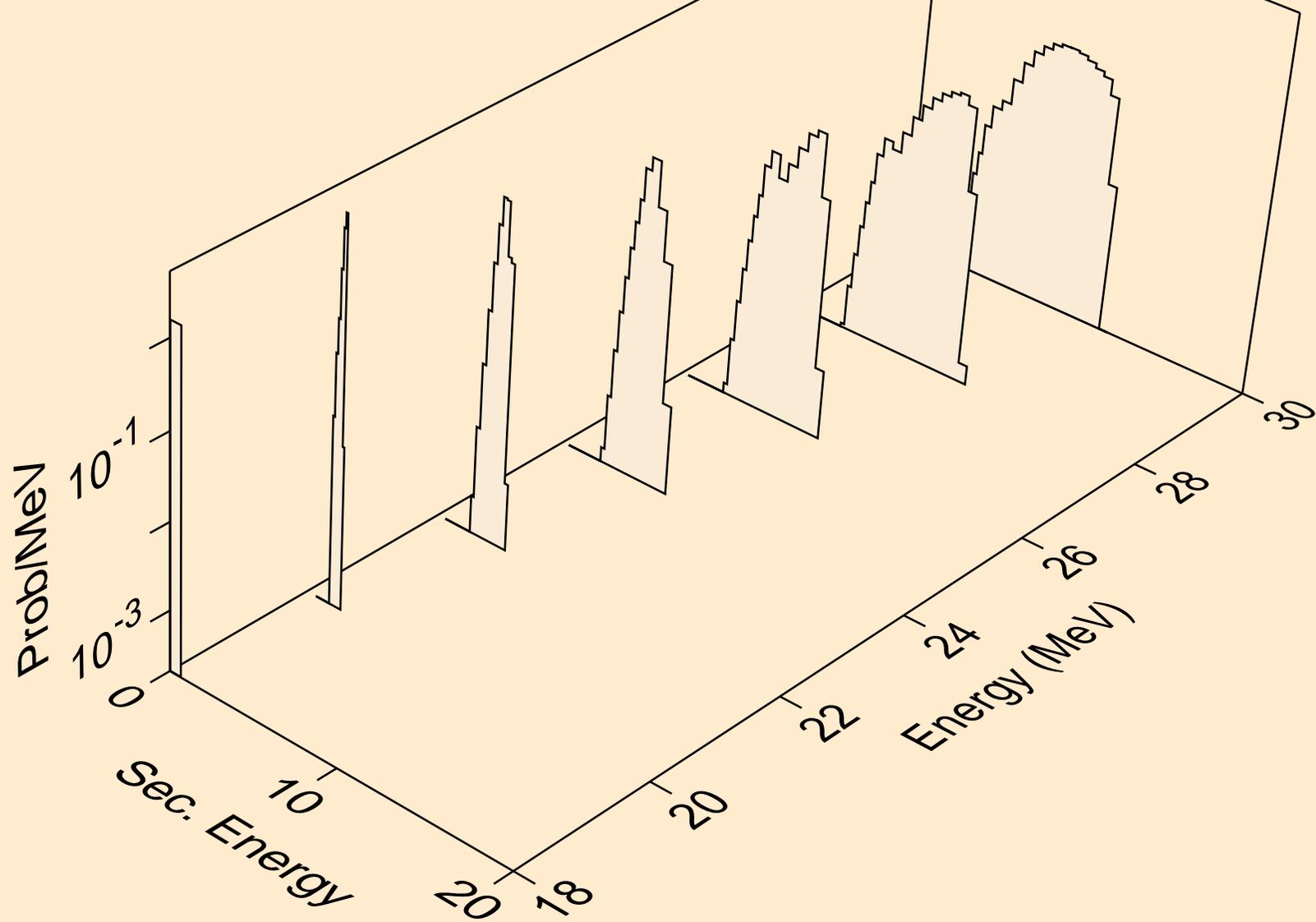
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neutrons from (a,n\*)p



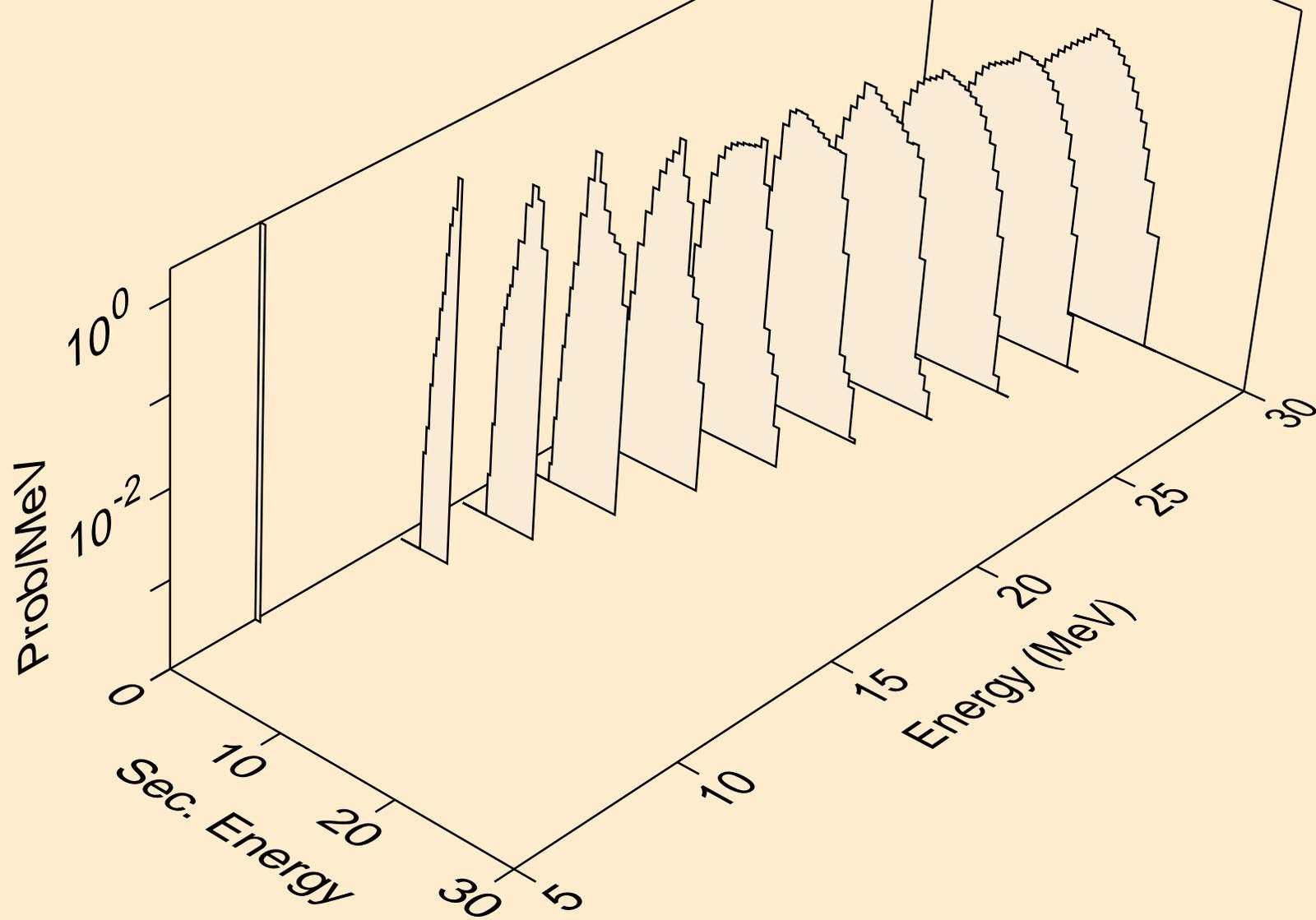
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protons from (a,x)



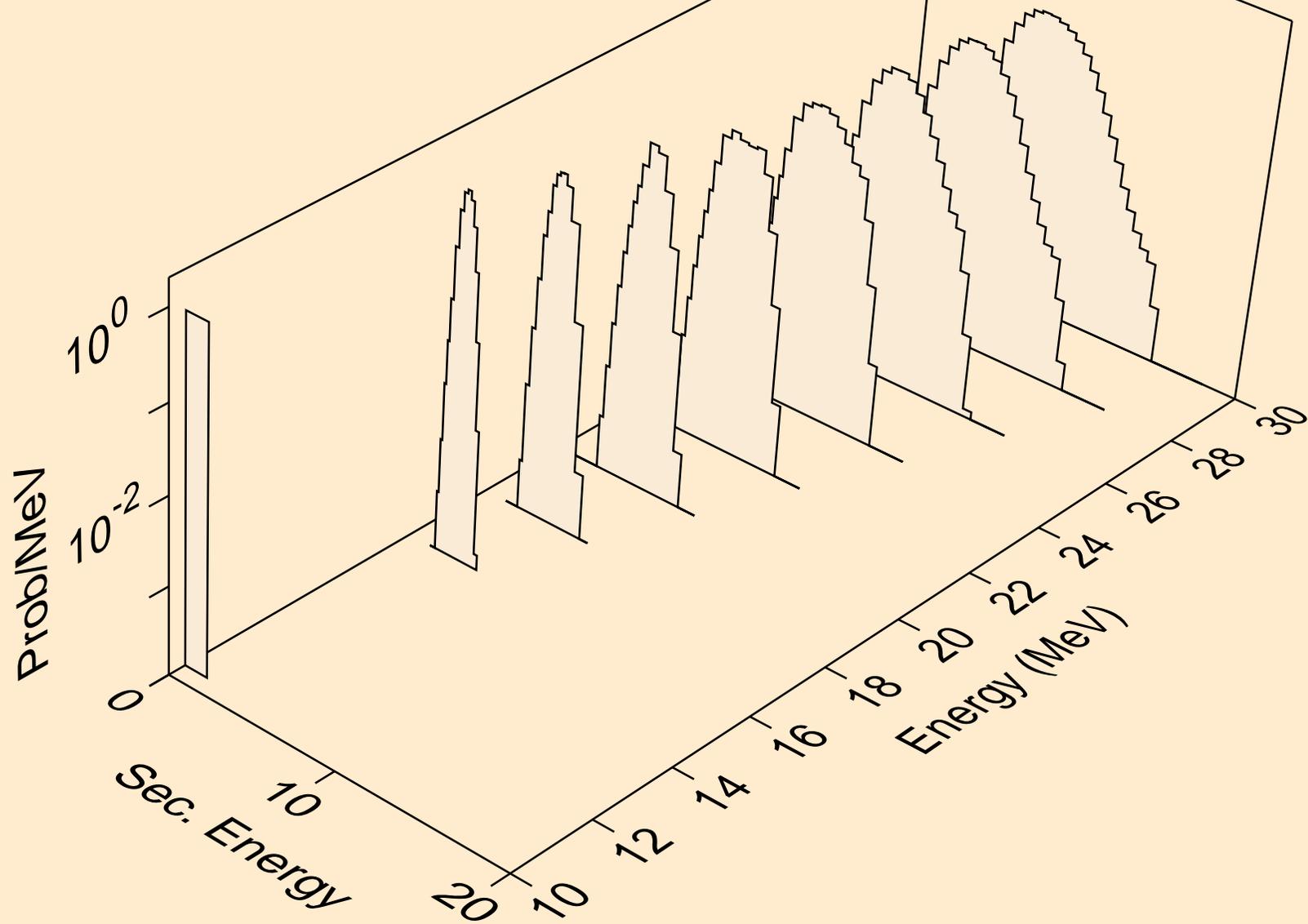
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protons from (a,n\*)p



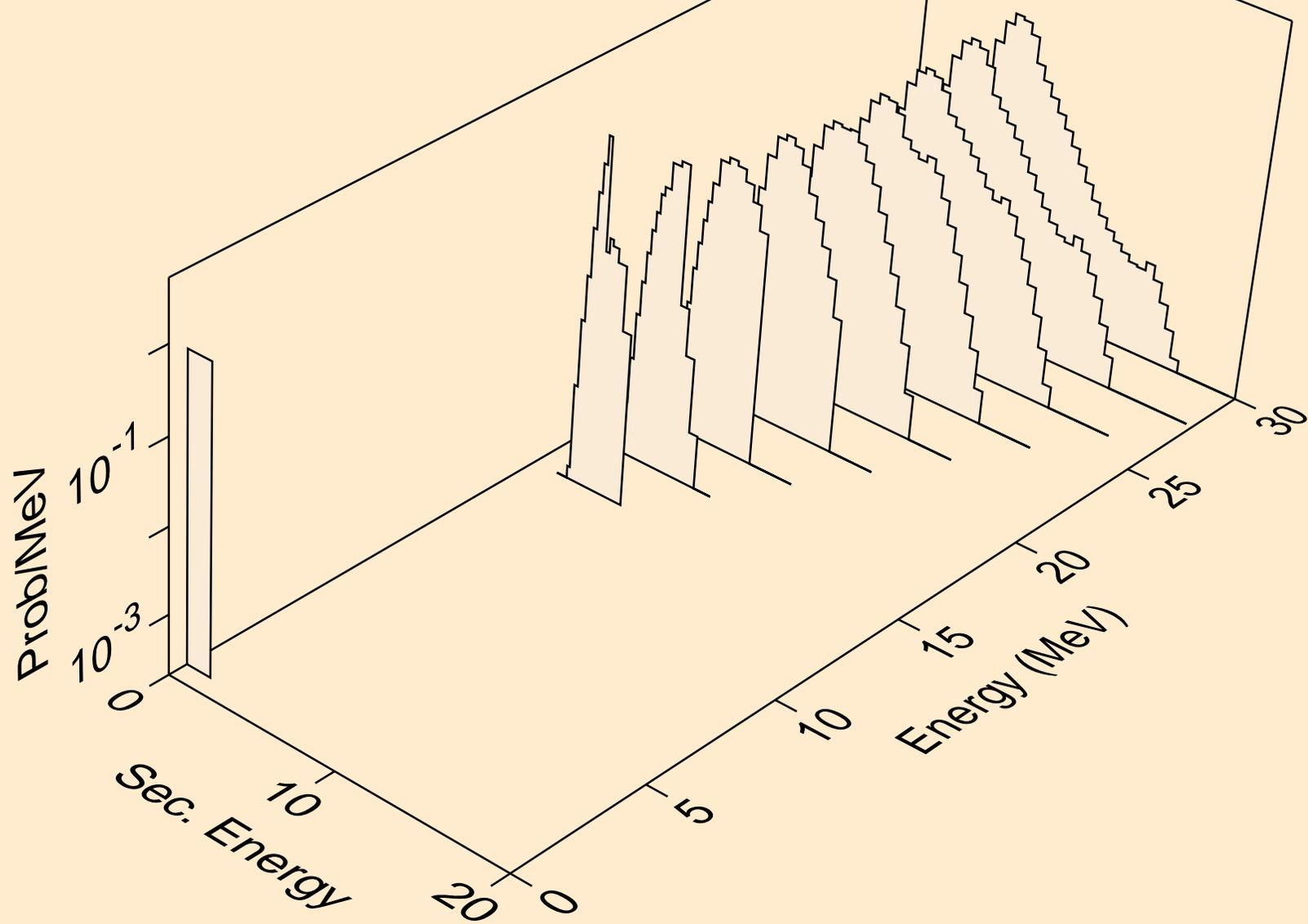
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protons from (a,p)



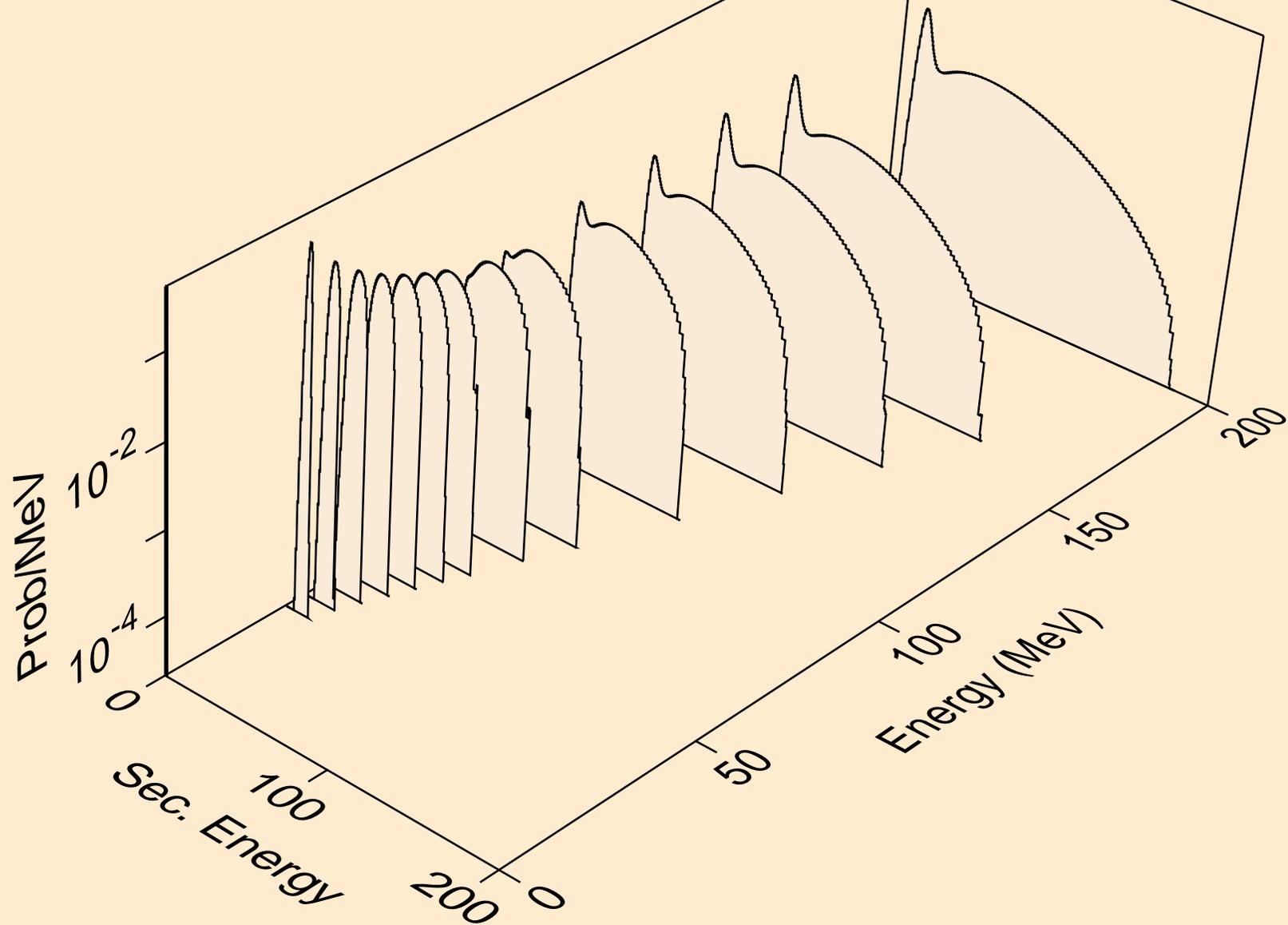
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protons from (a,2p)



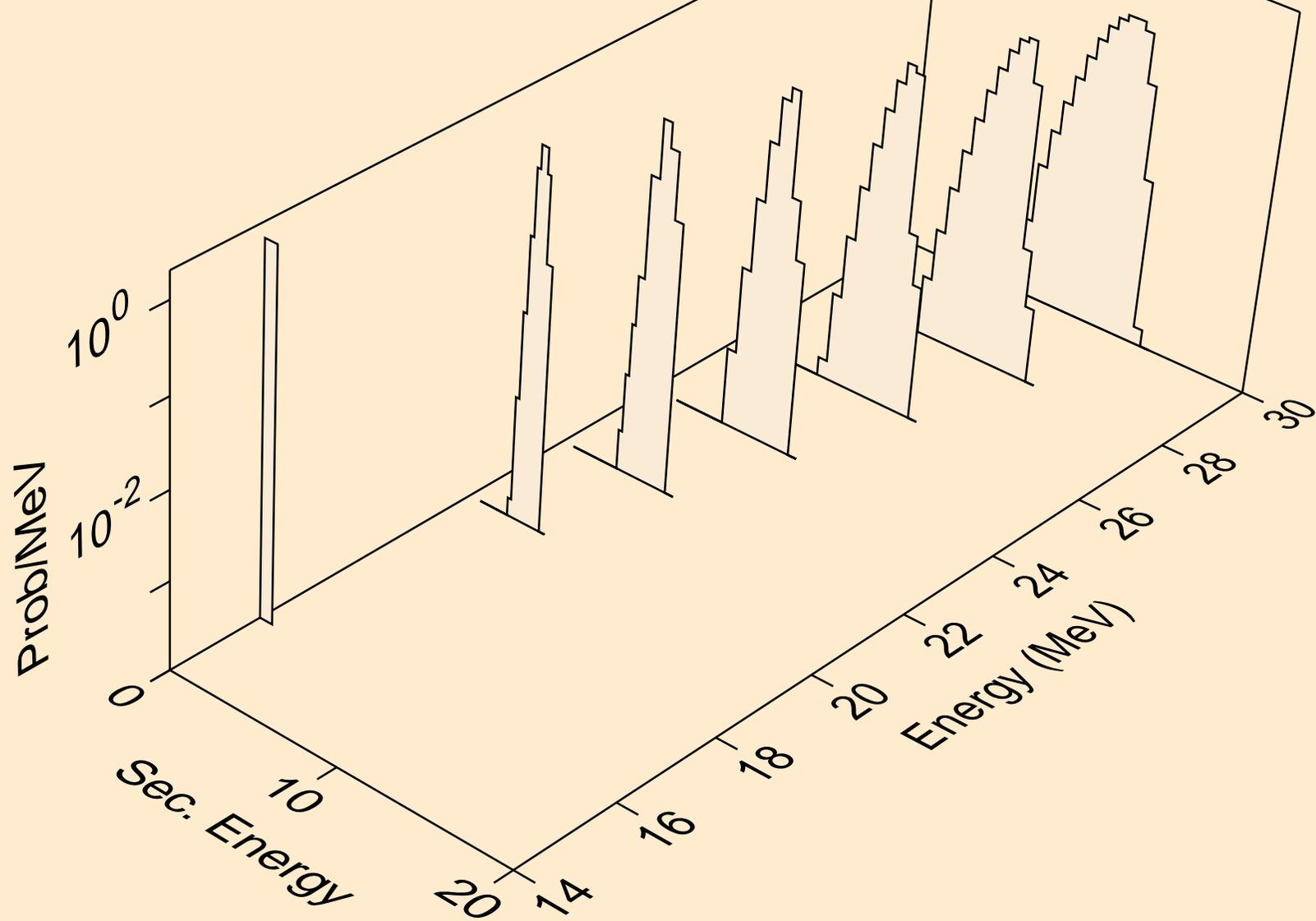
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protons from (a,pa)



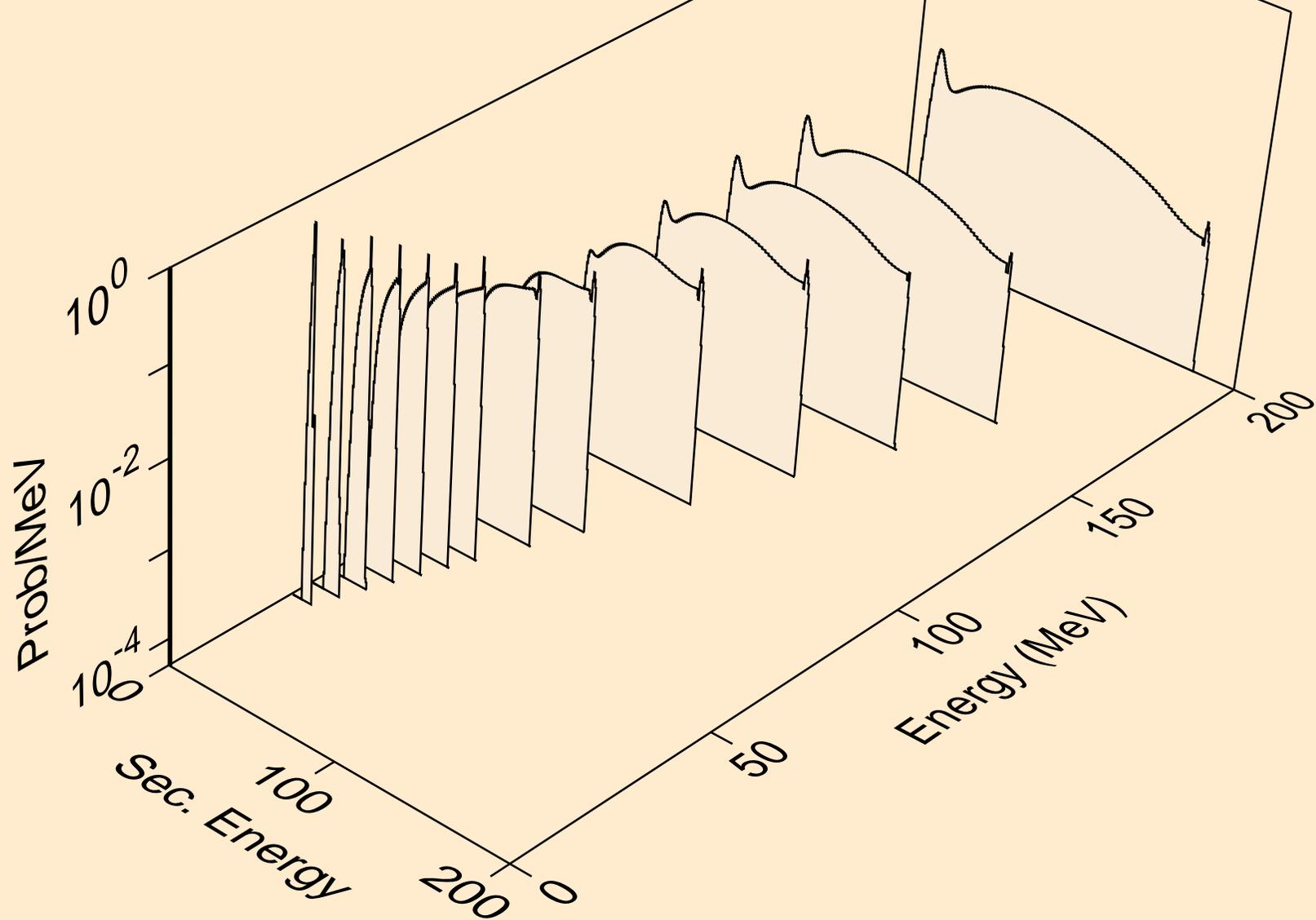
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deuterons from (a,x)



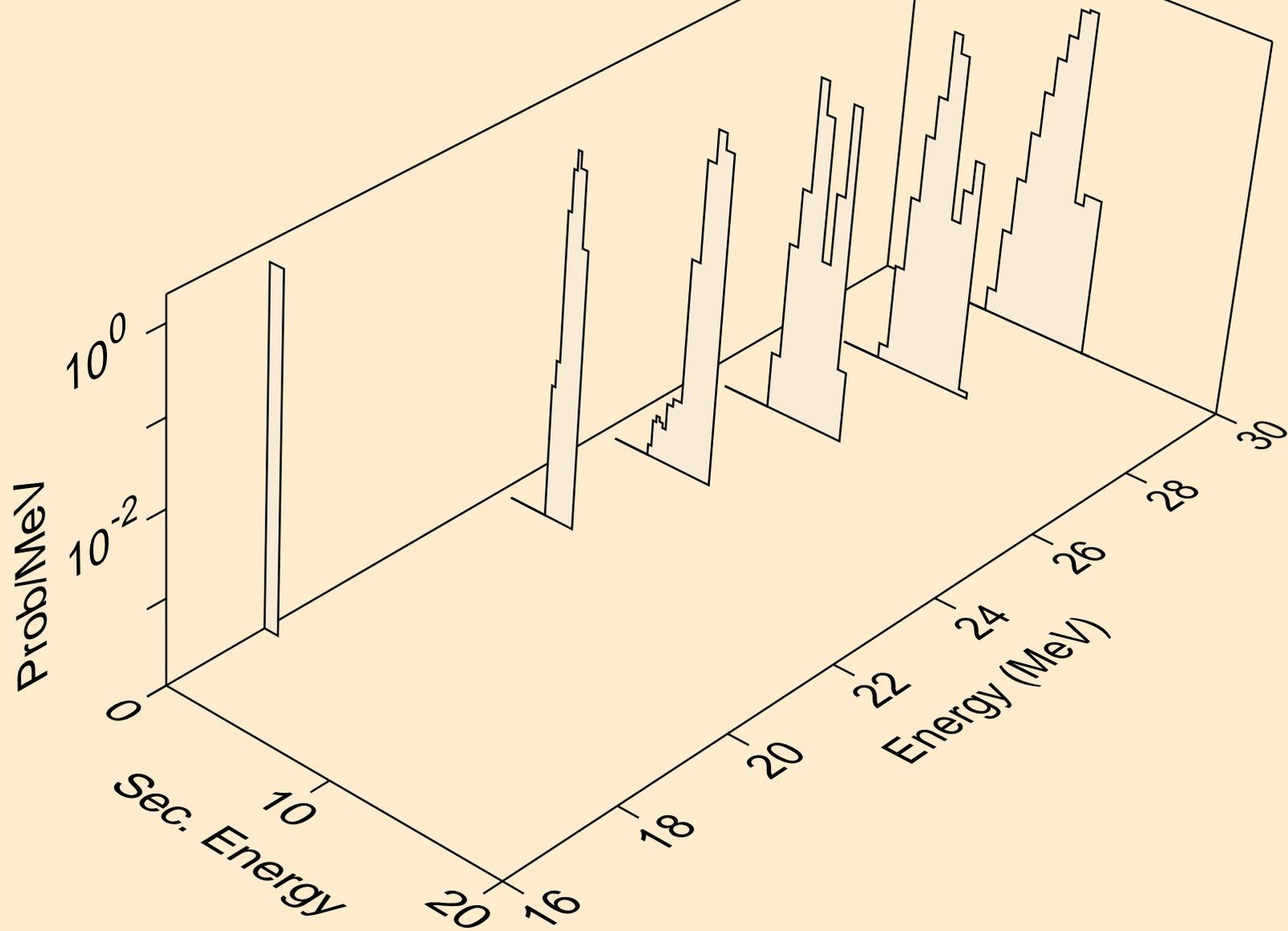
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deuterons from (a,d)



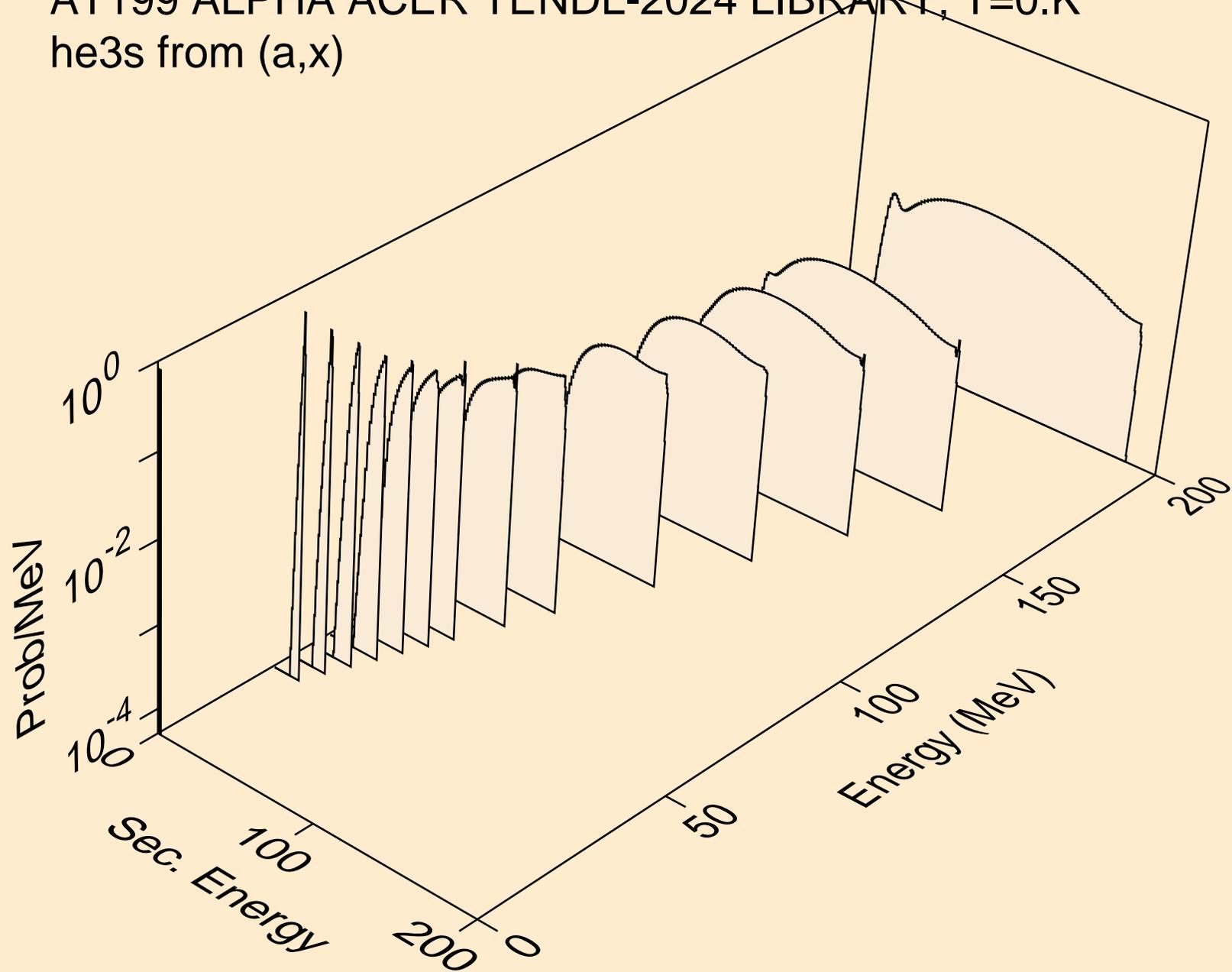
AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



AT199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

