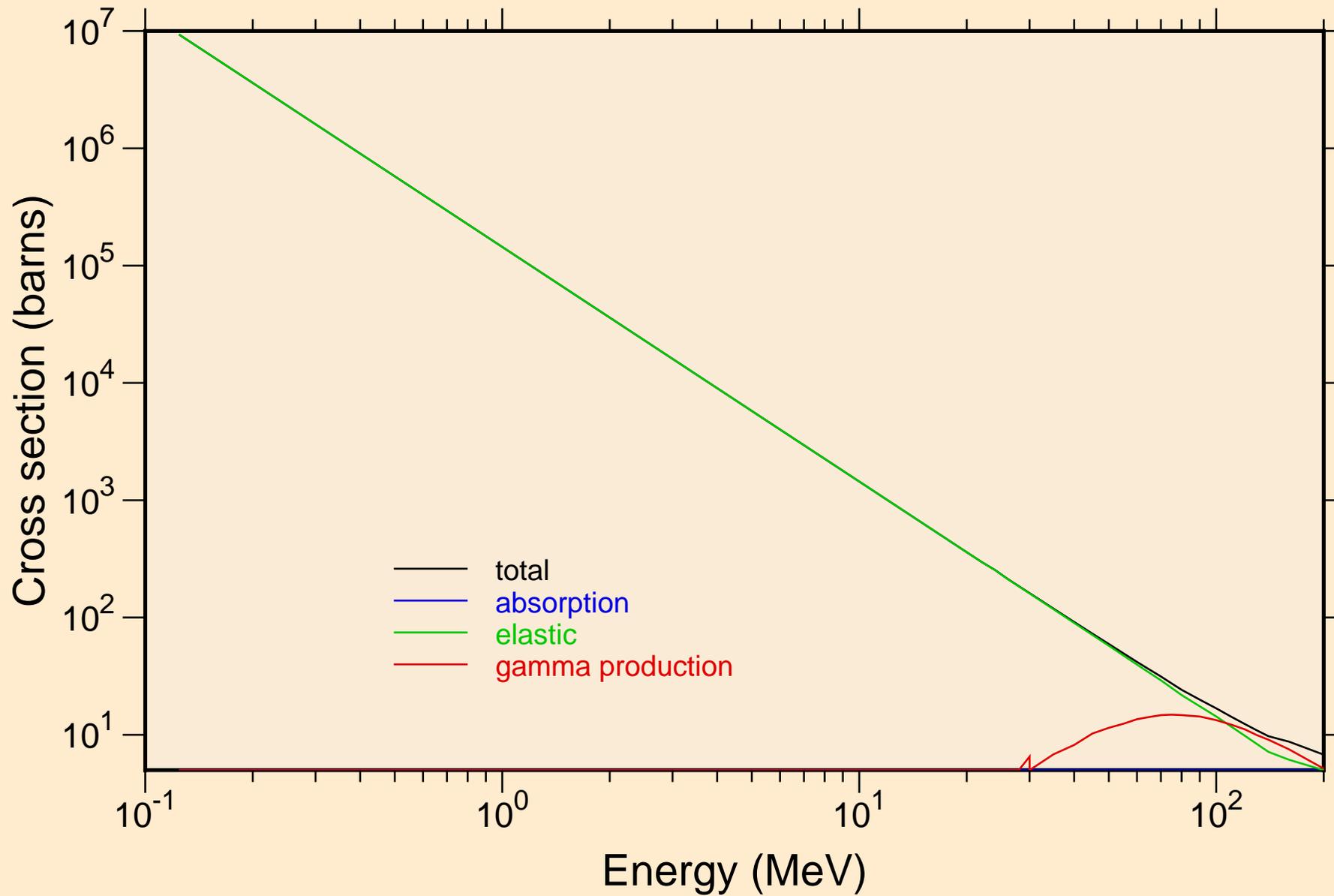
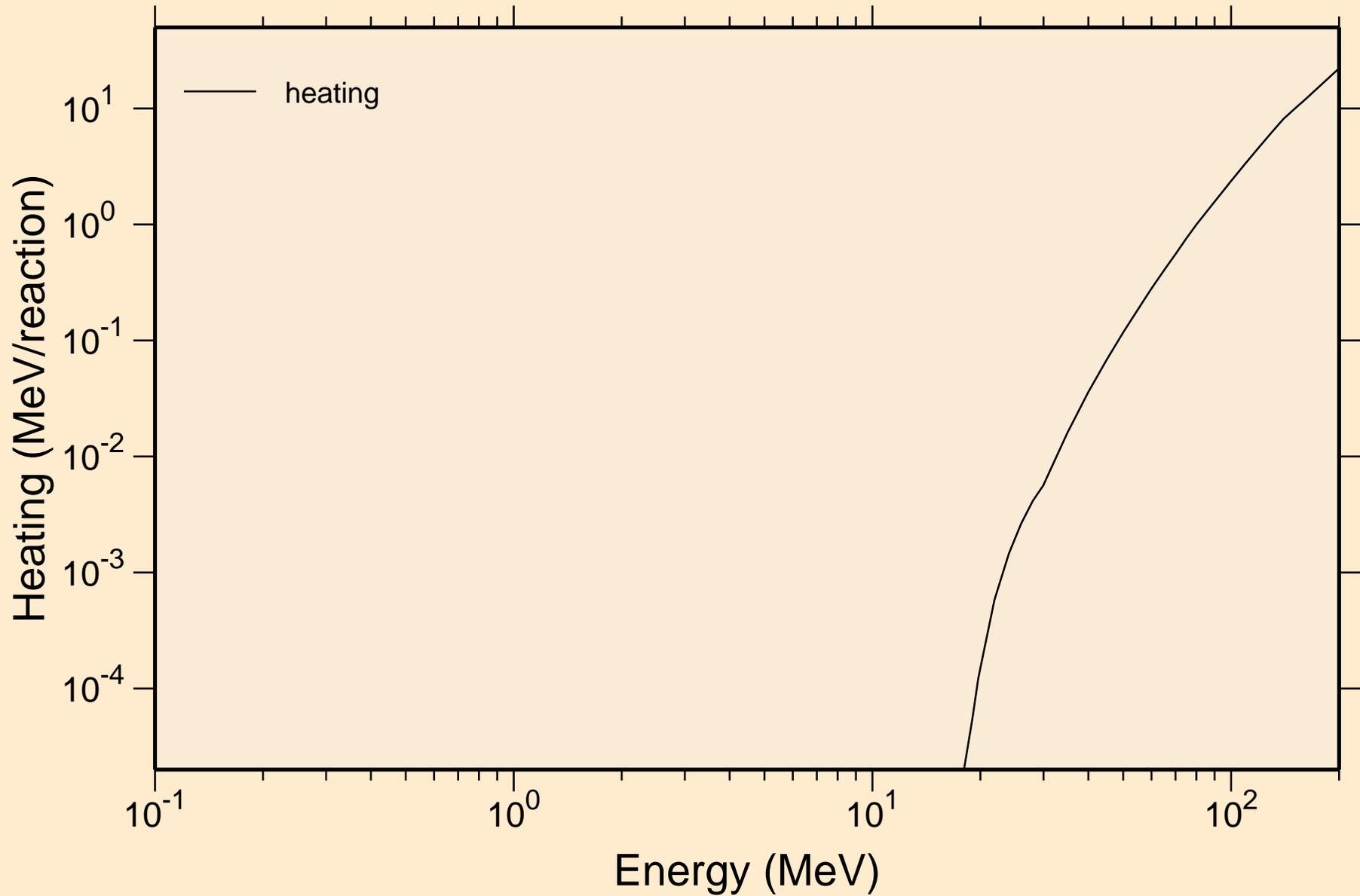


RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



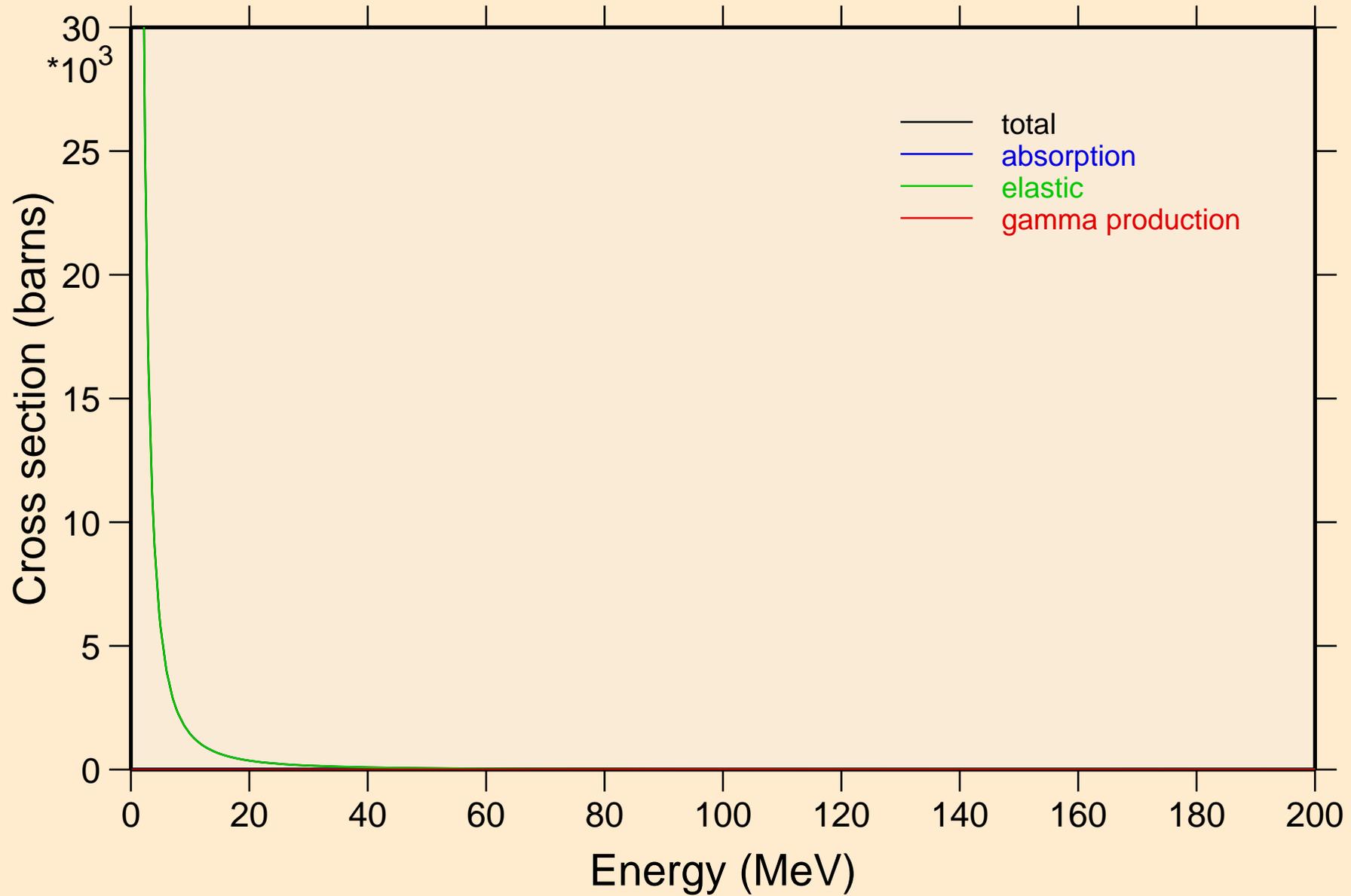
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



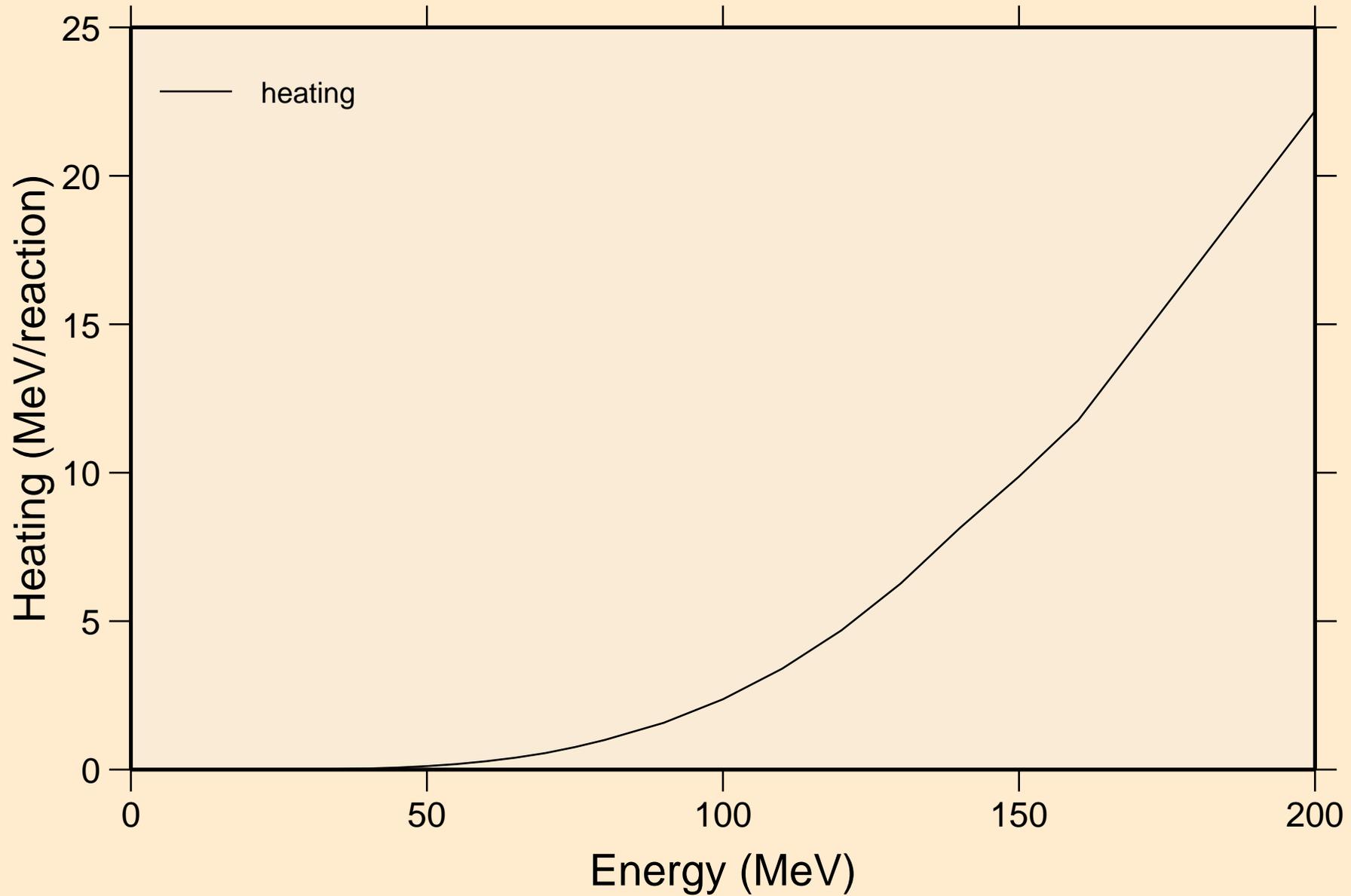
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## Principal cross sections

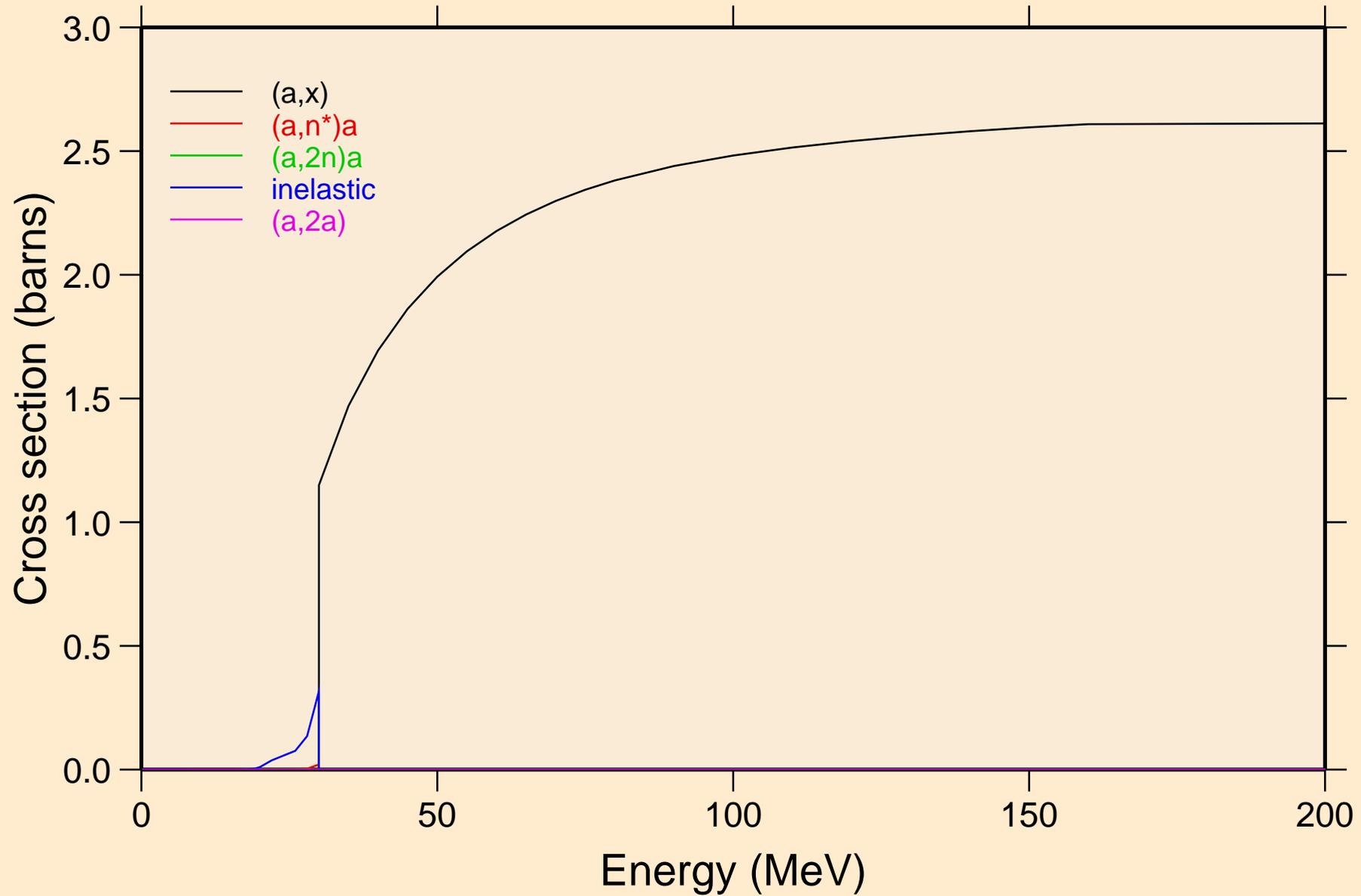


RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

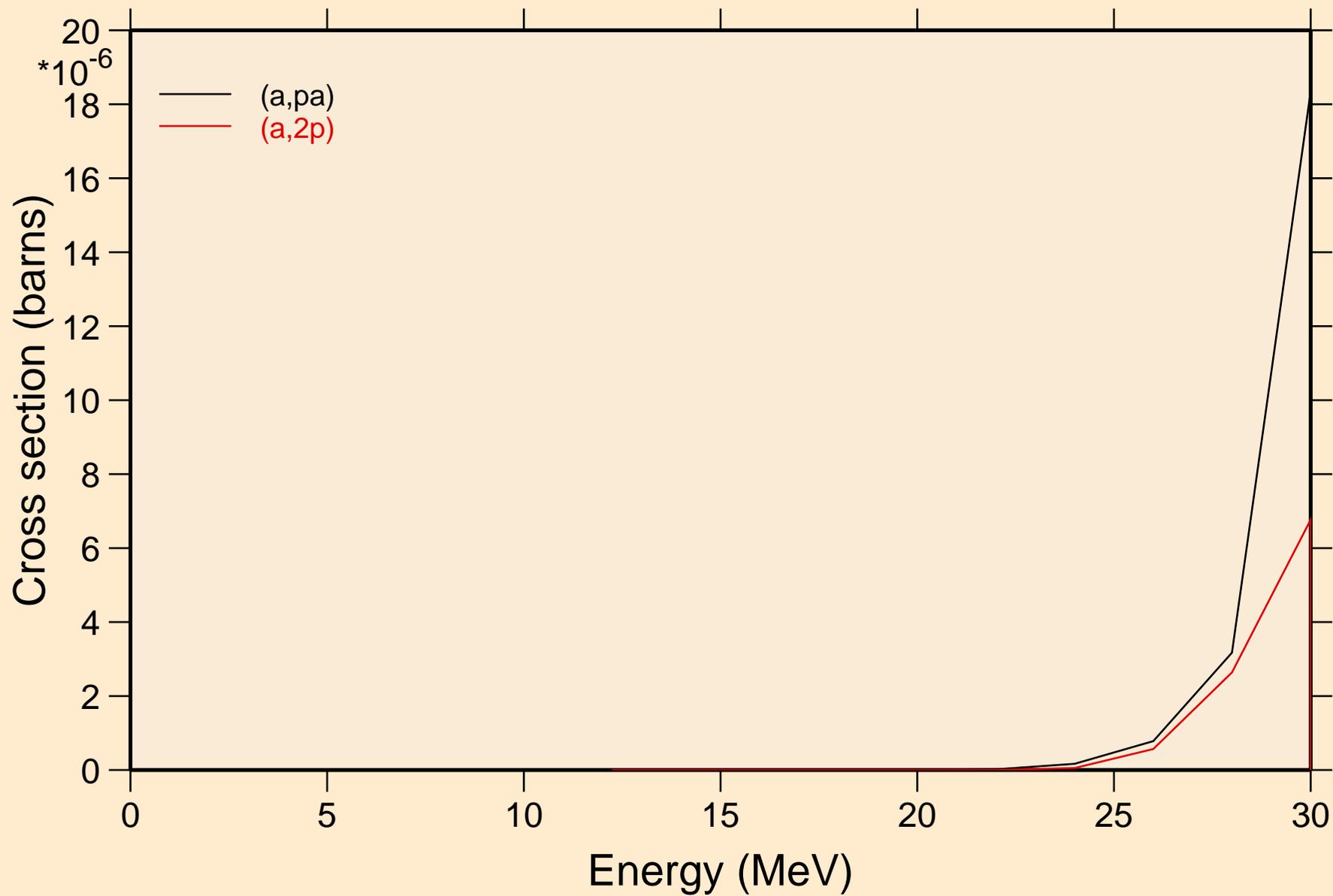
Heating



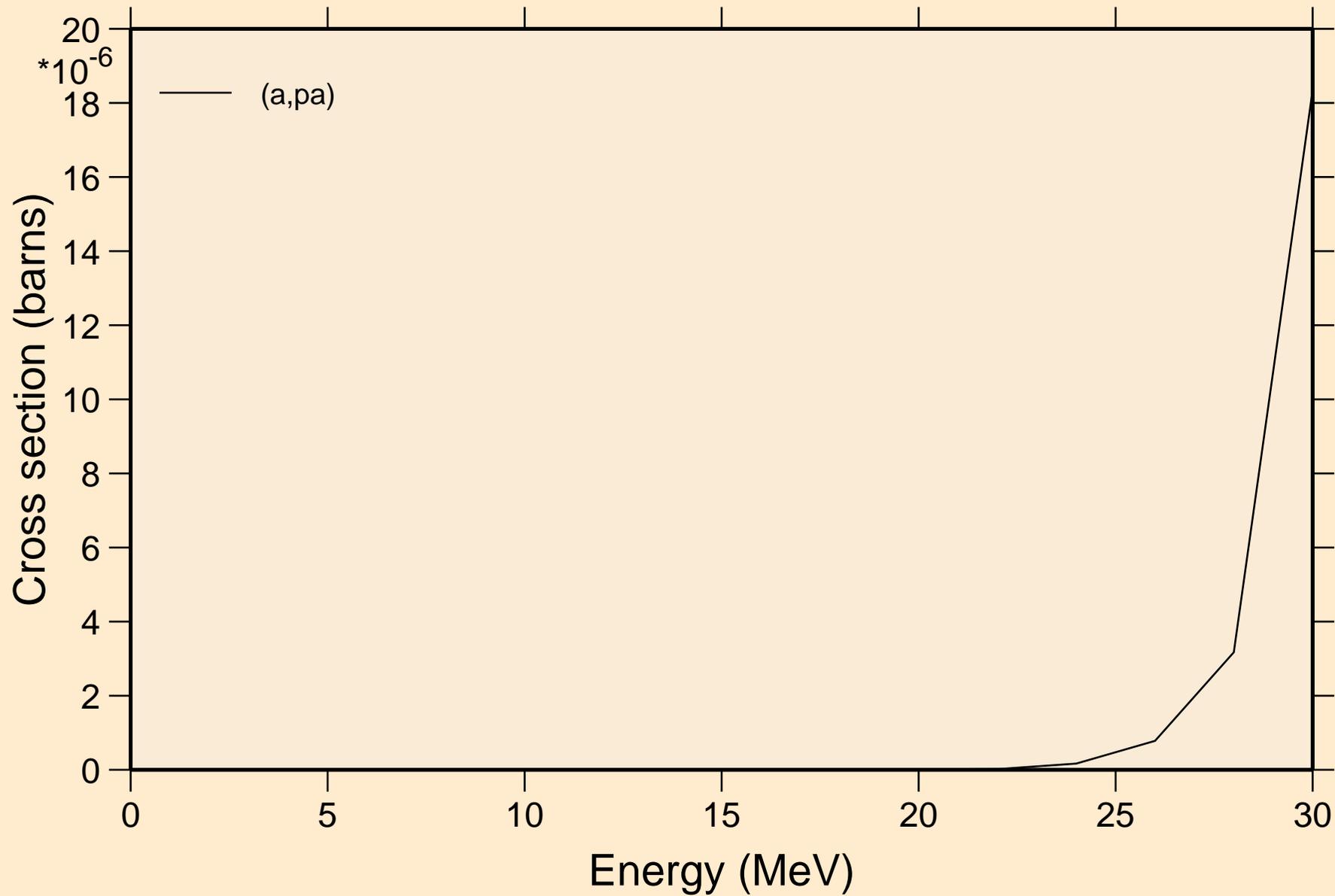
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Threshold reactions



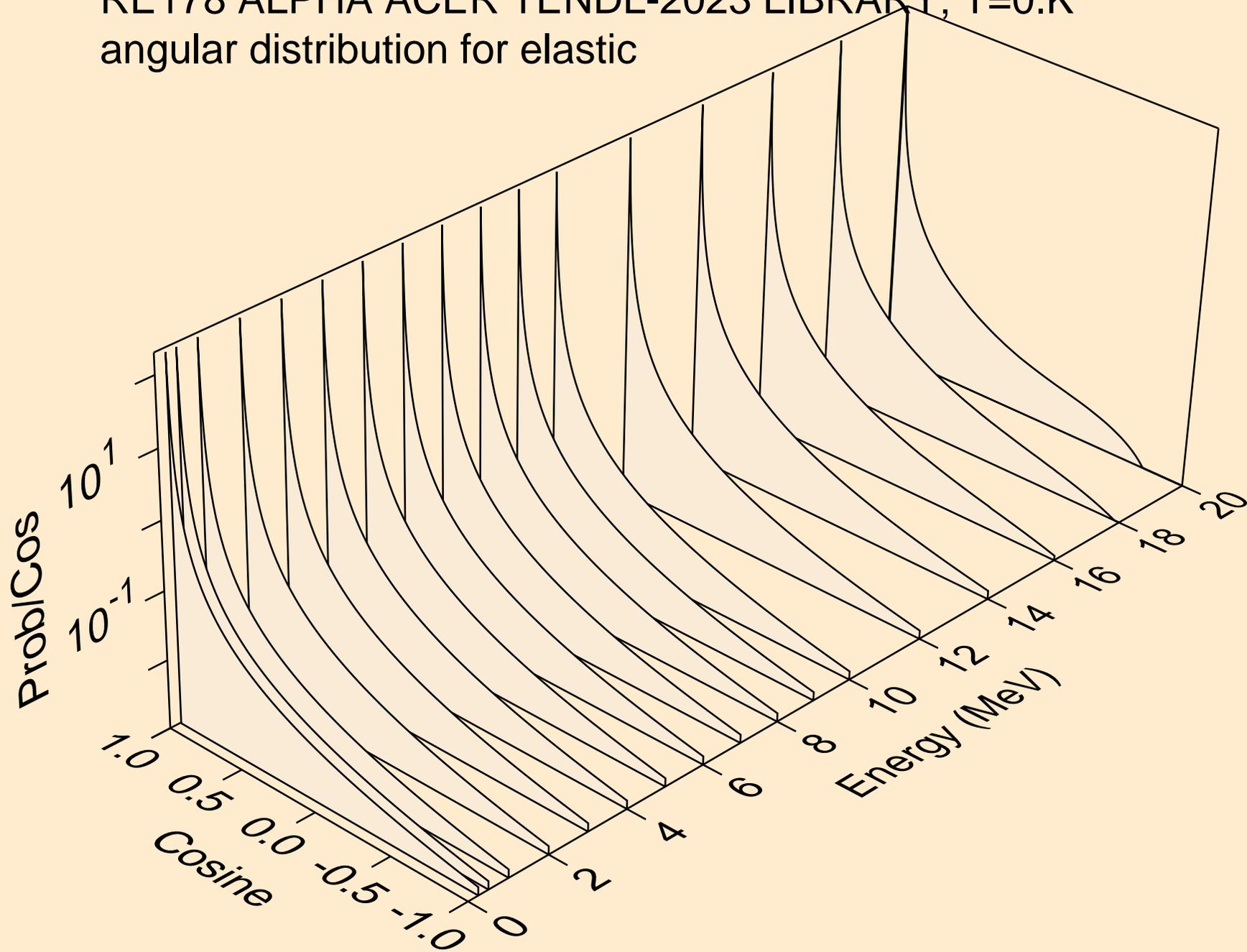
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Threshold reactions



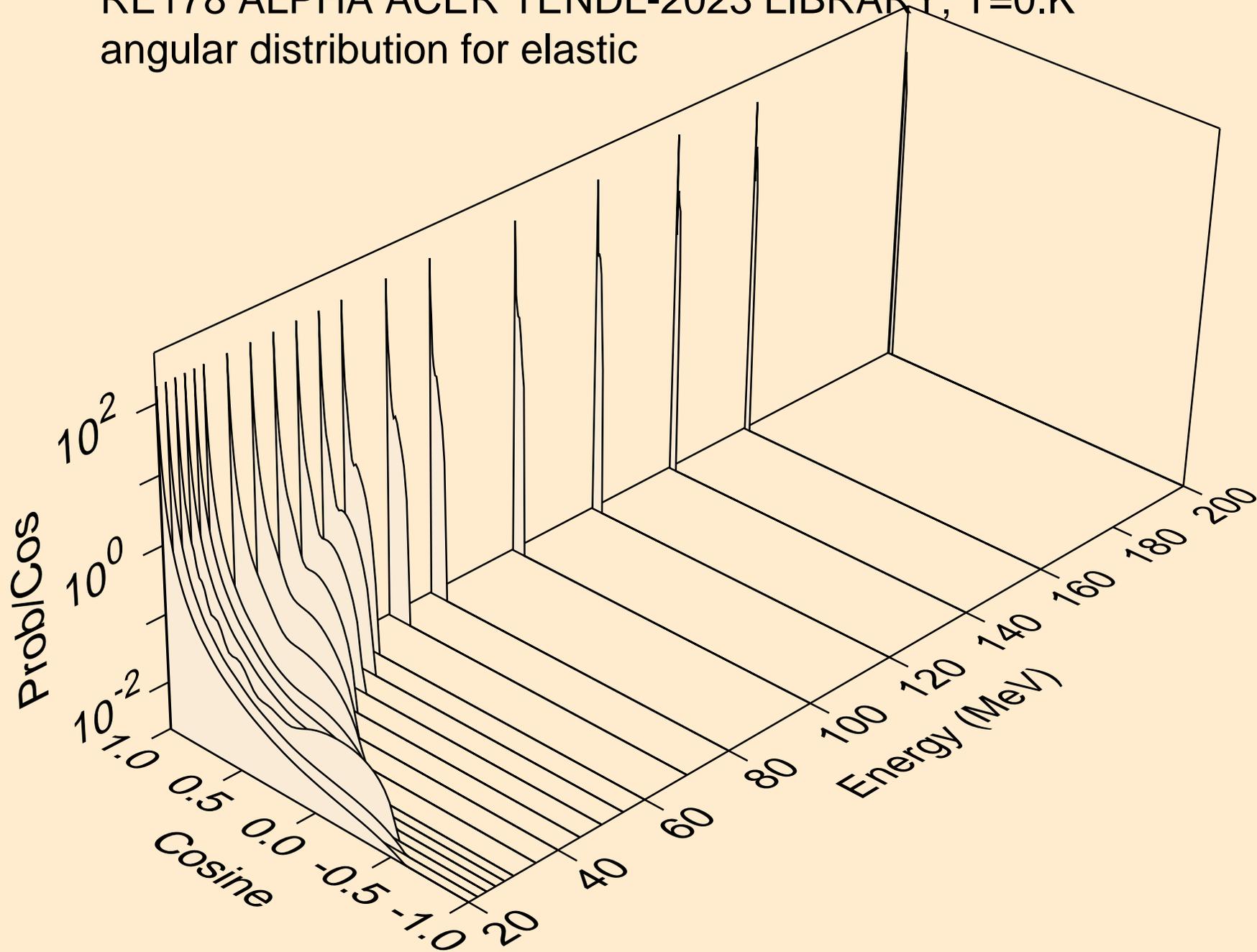
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Threshold reactions



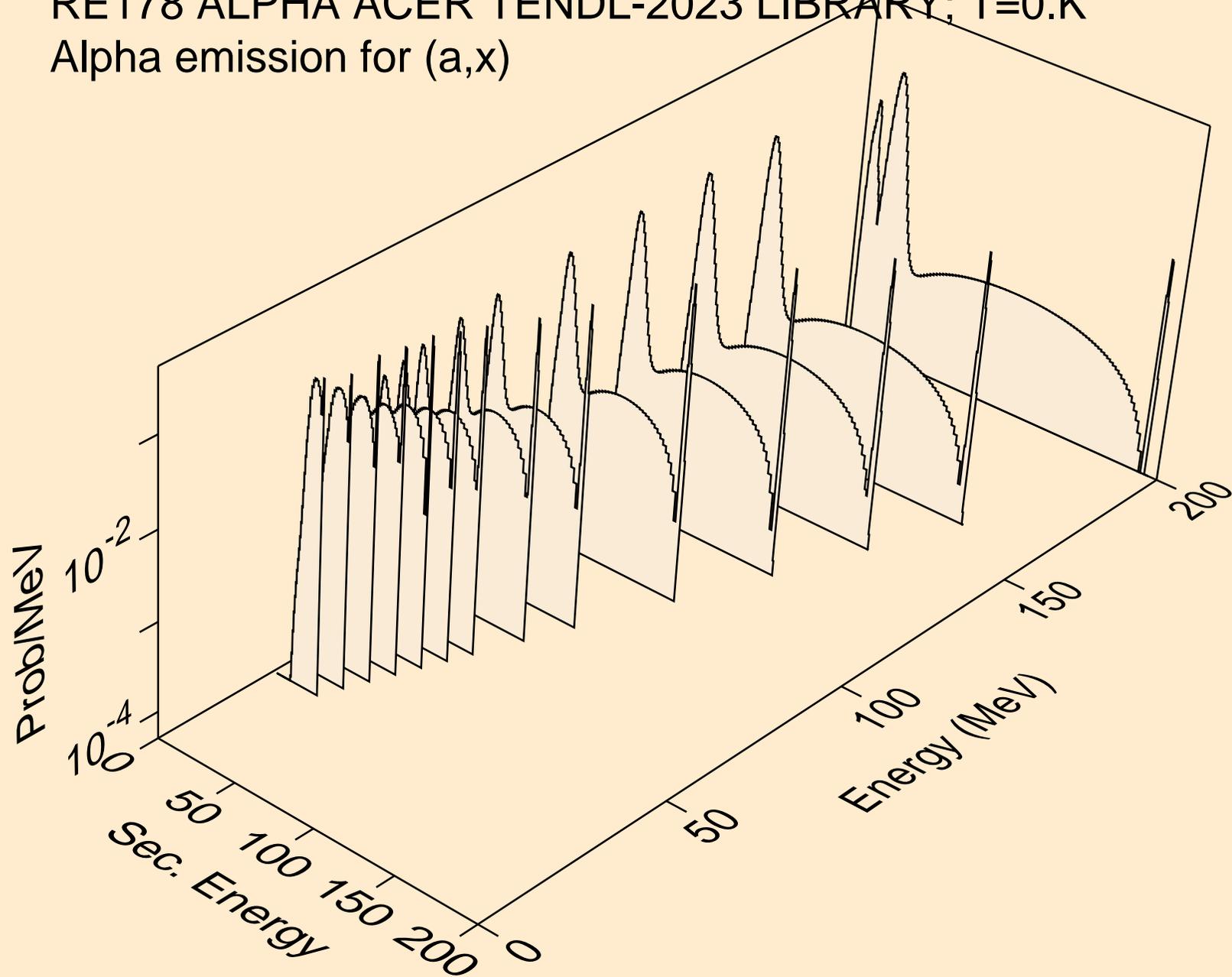
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



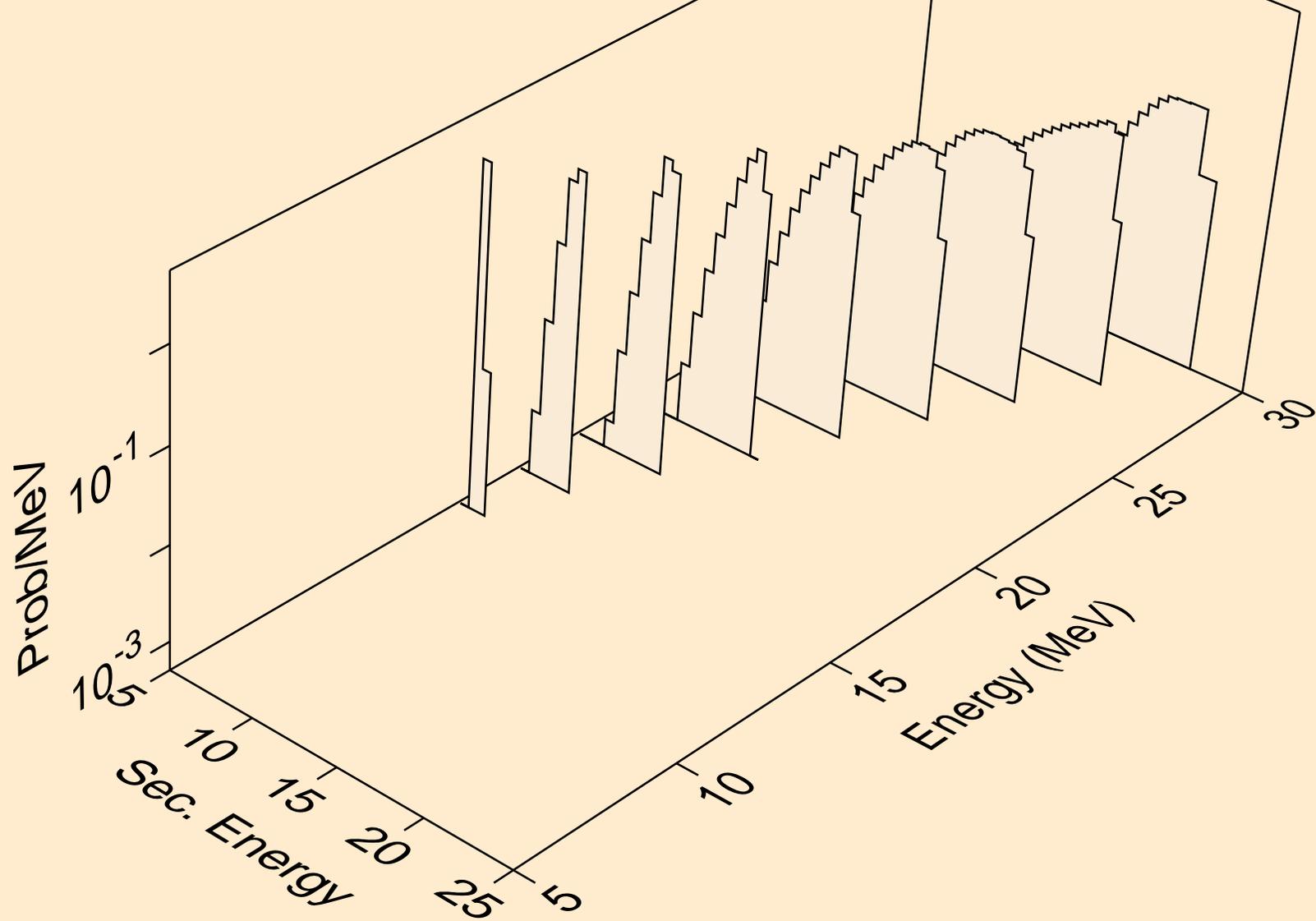
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angular distribution for elastic



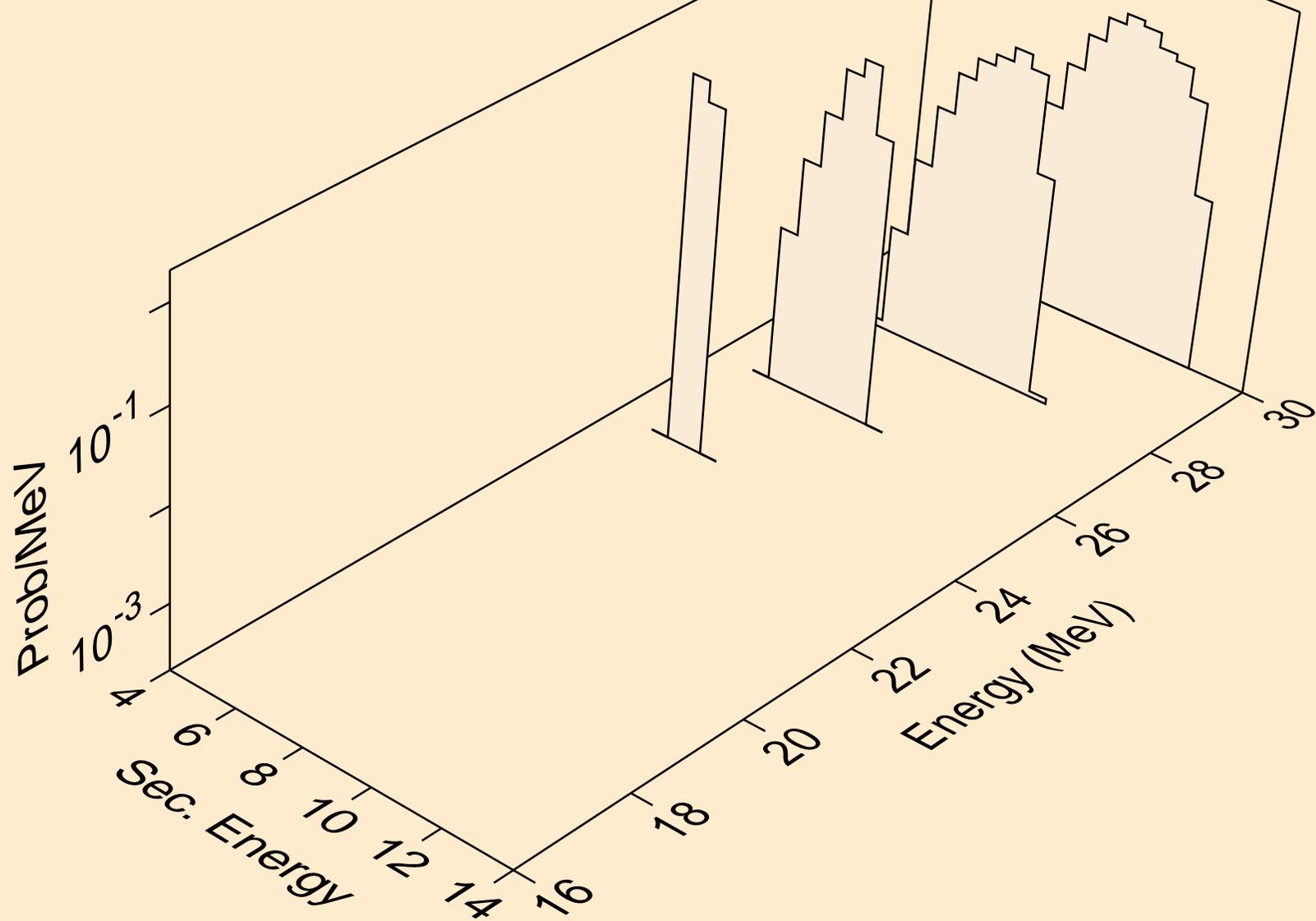
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



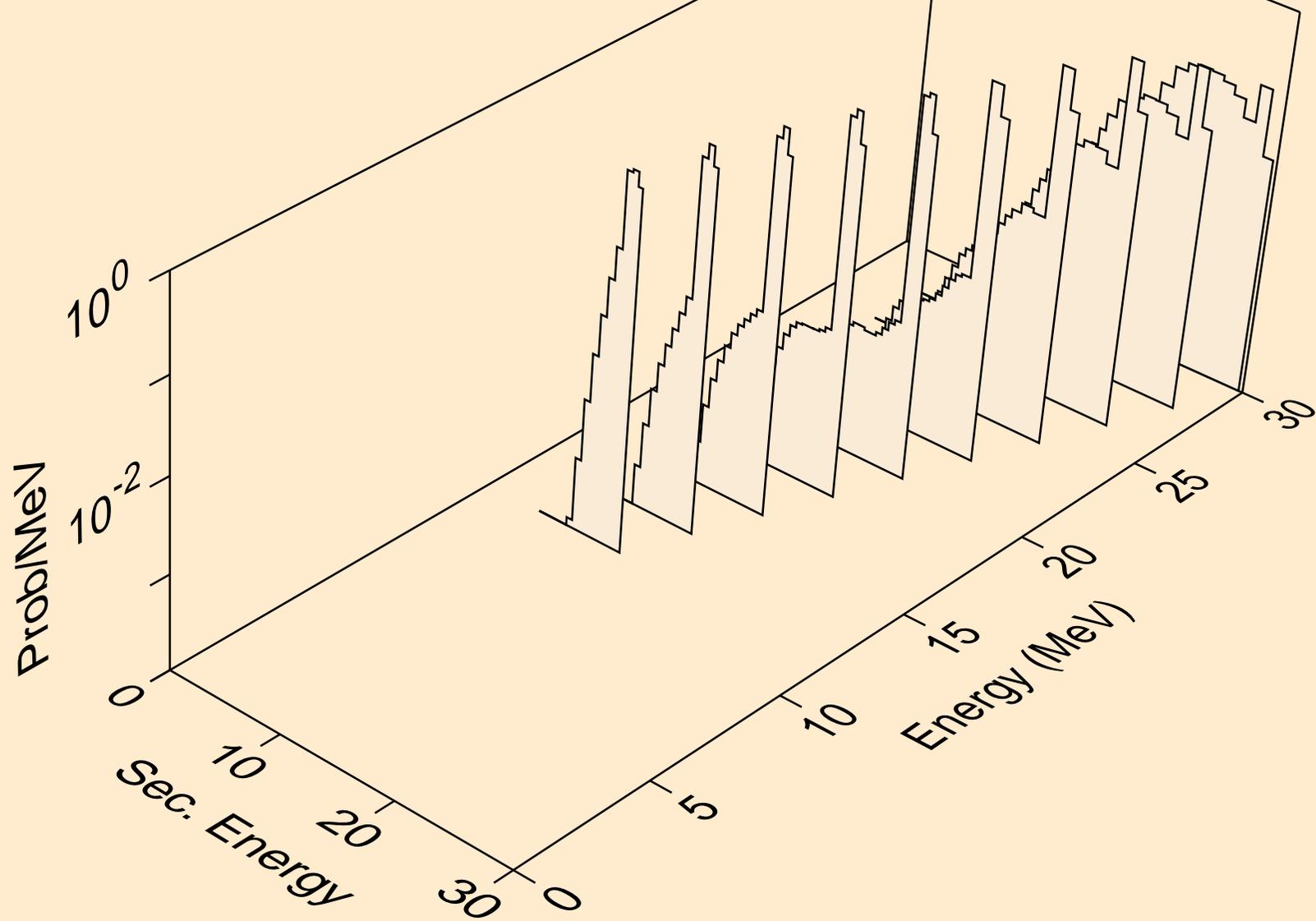
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



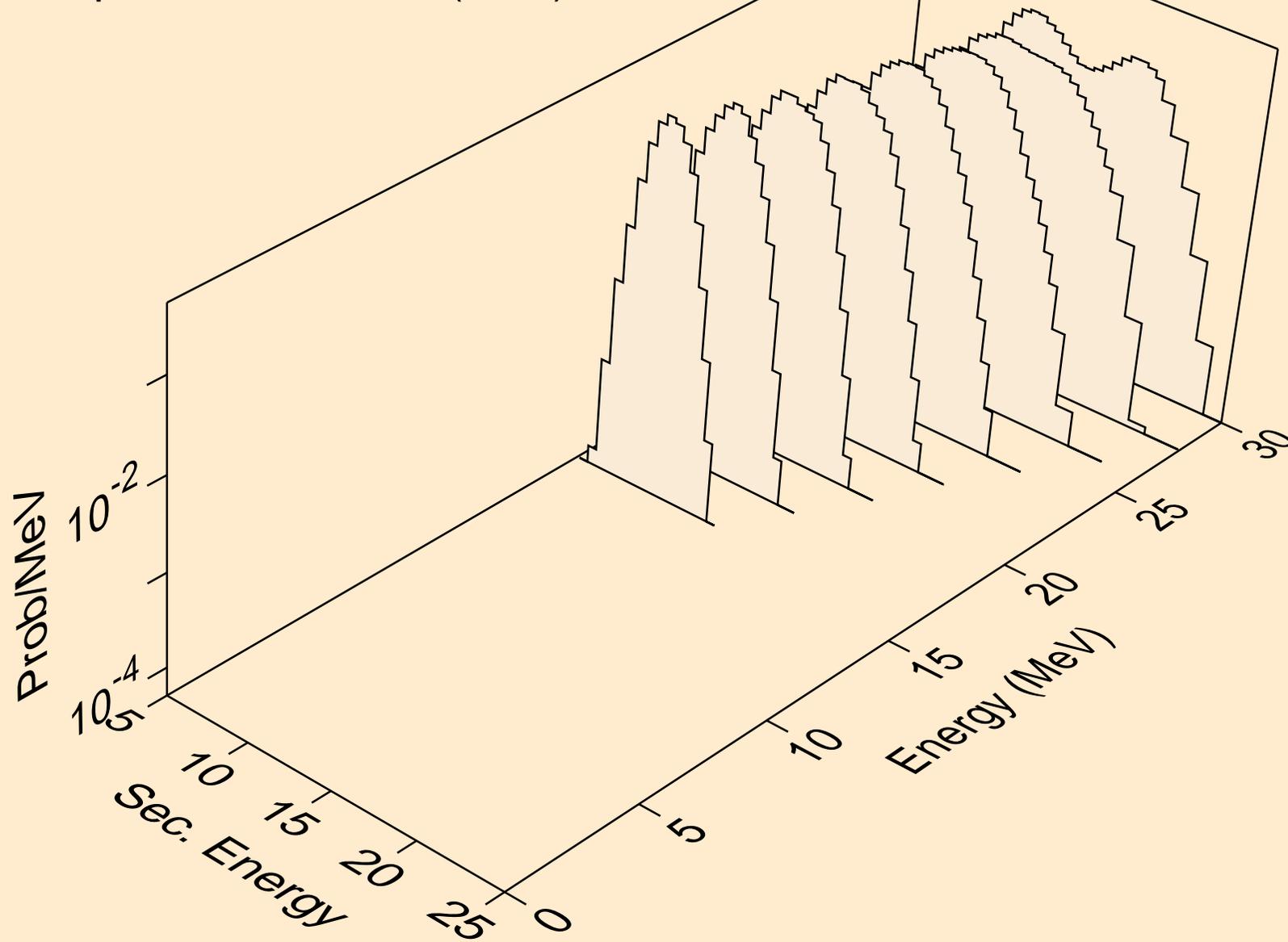
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



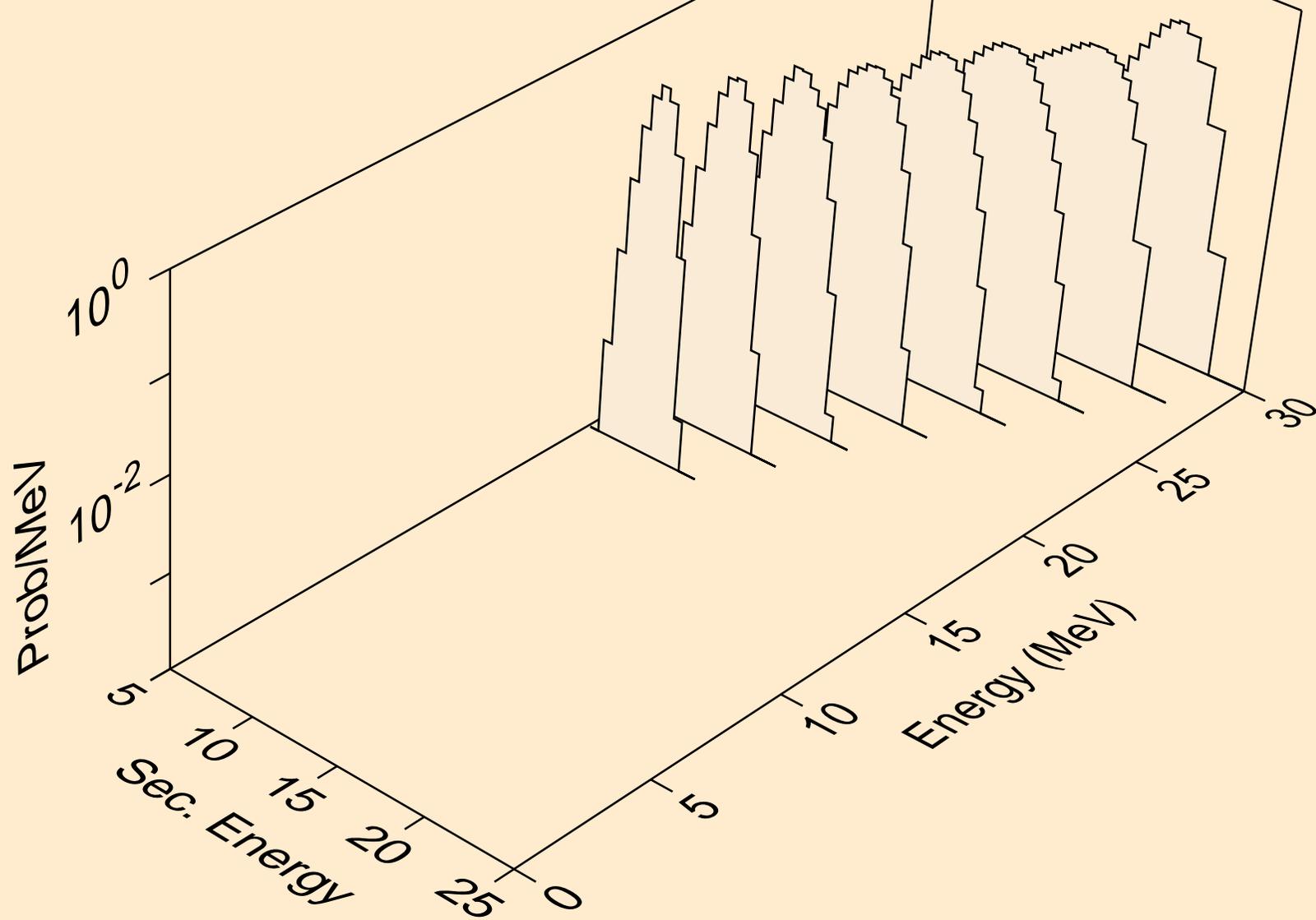
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



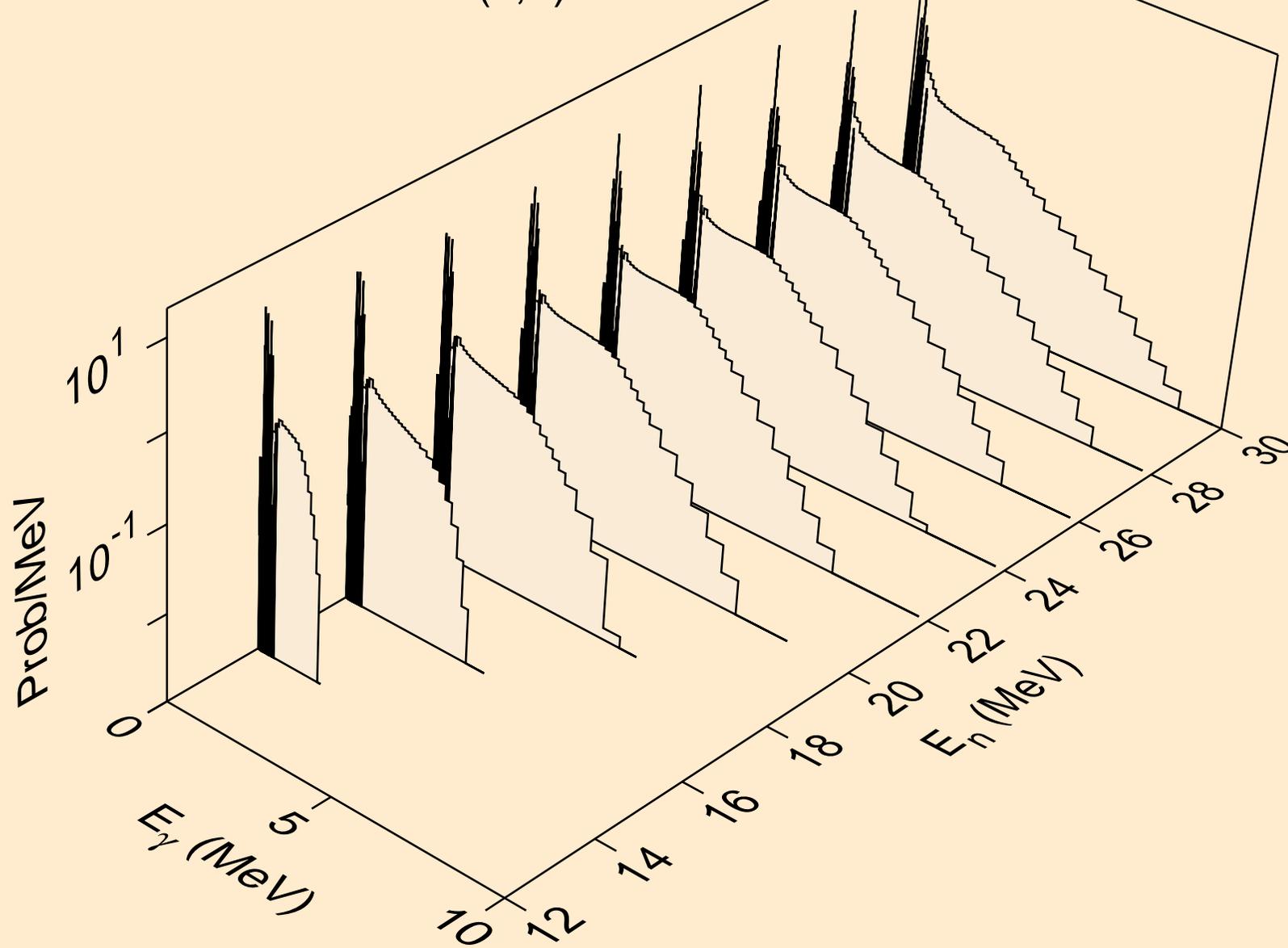
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Alpha emission for (a,2a)



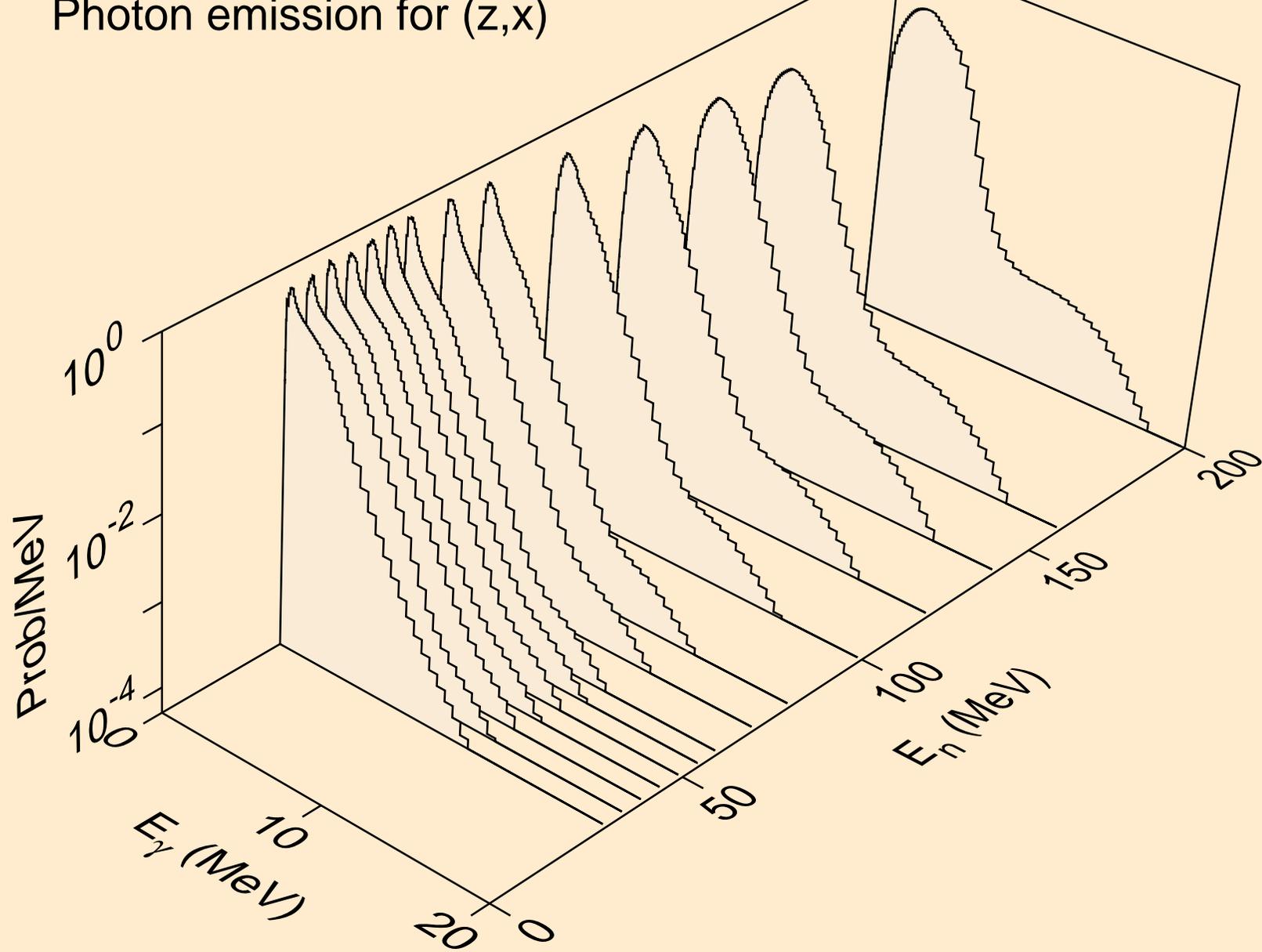
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Alpha emission for (a,pa)



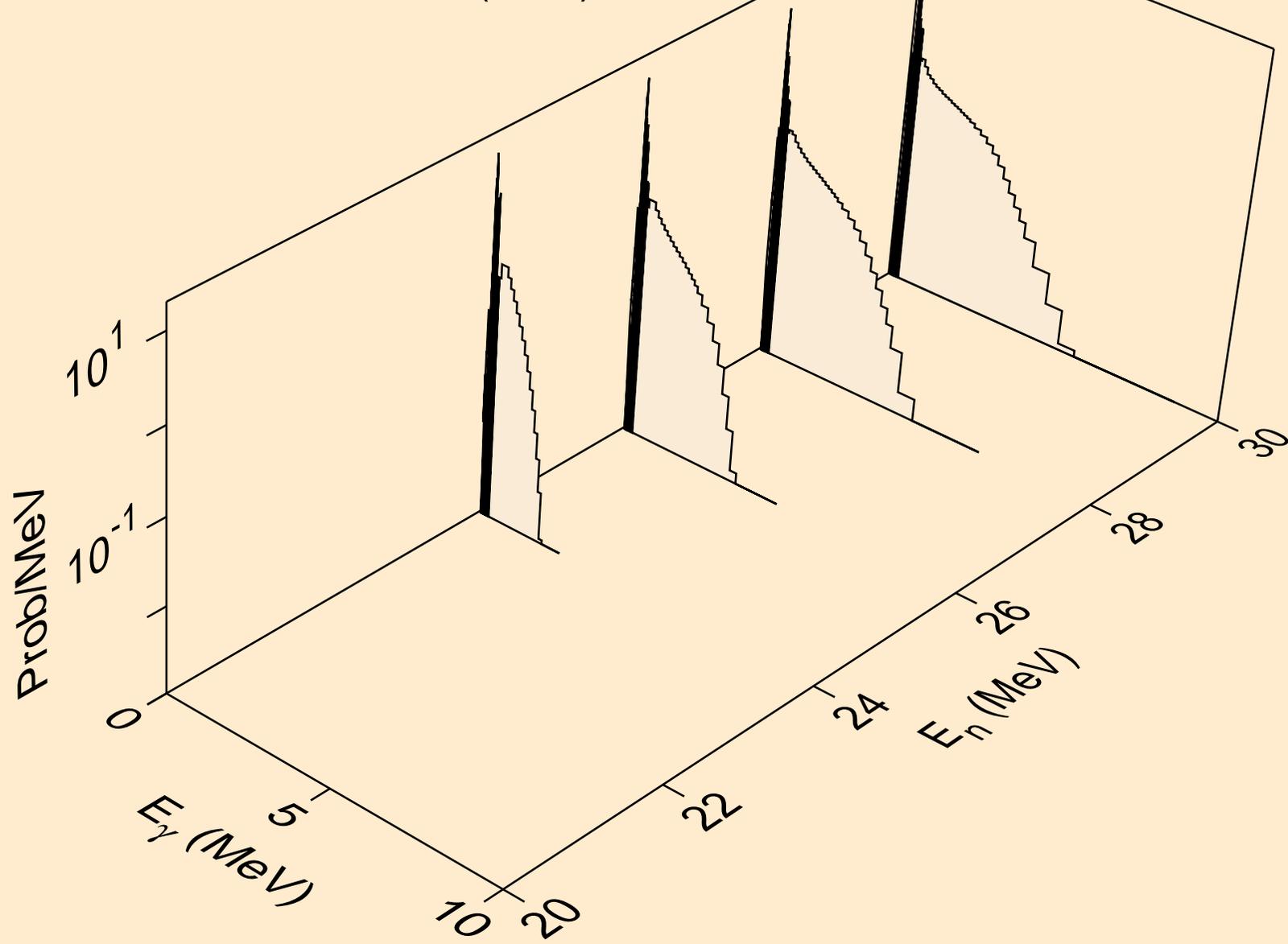
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



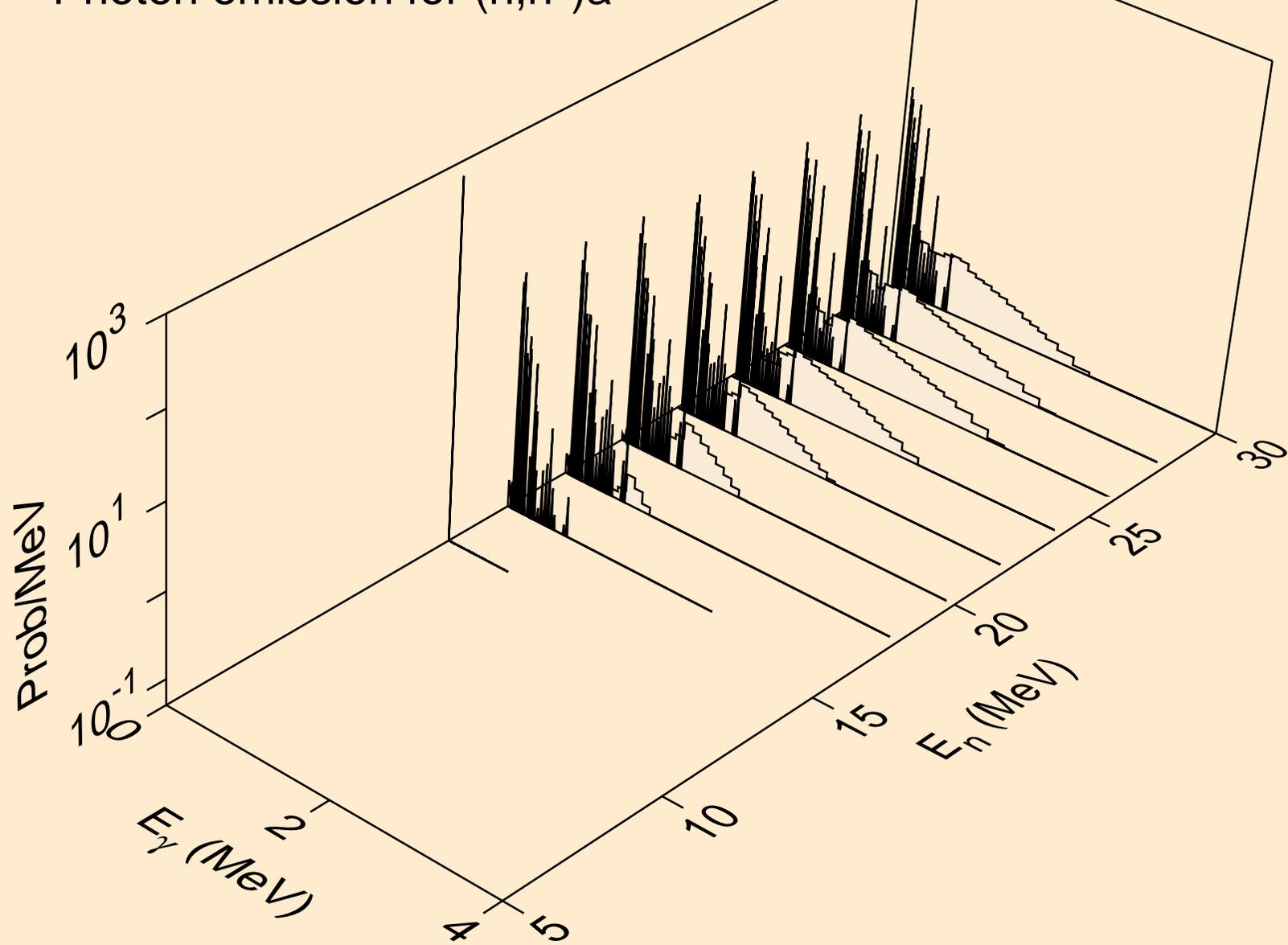
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Photon emission for (z,x)



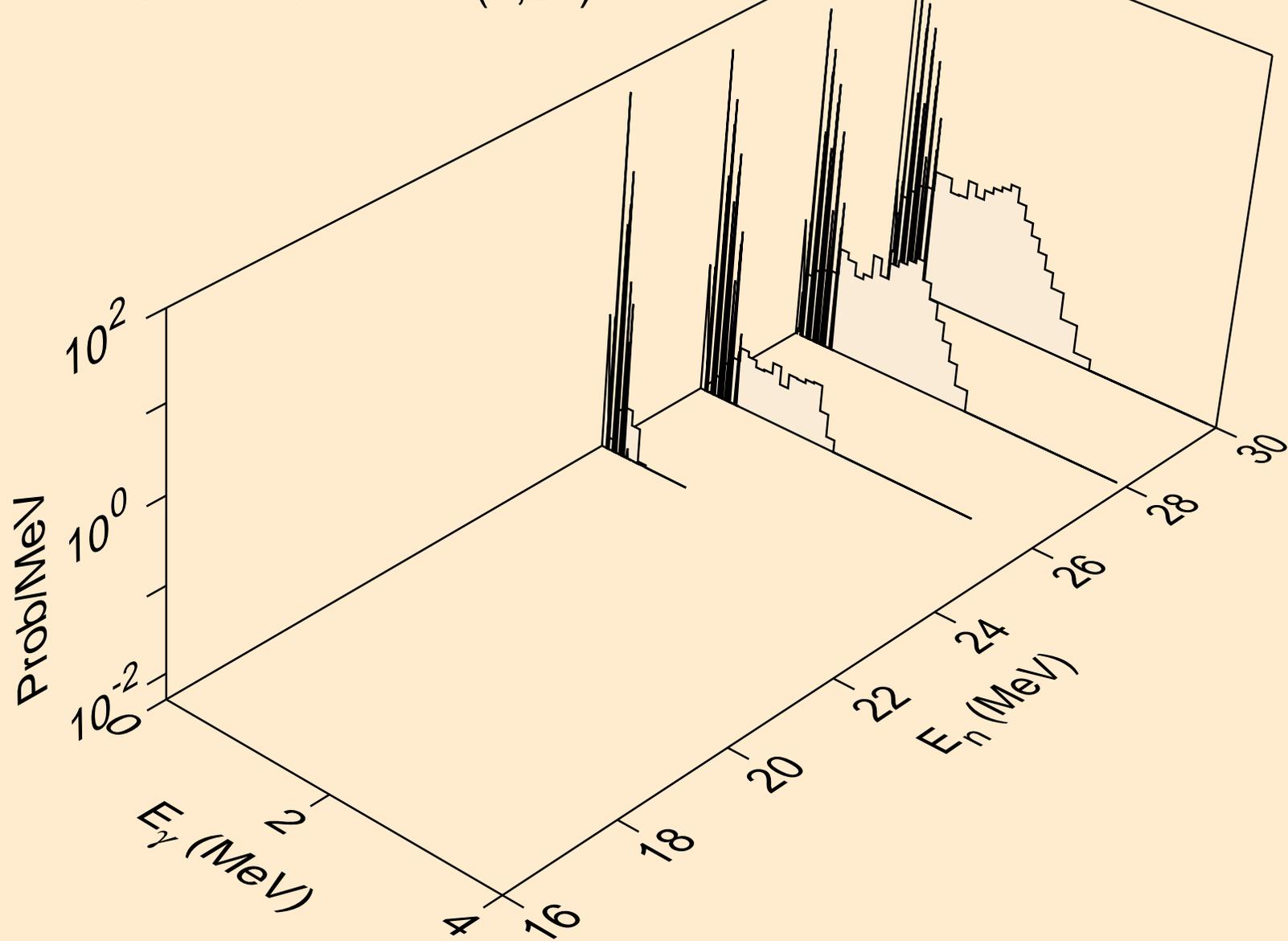
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



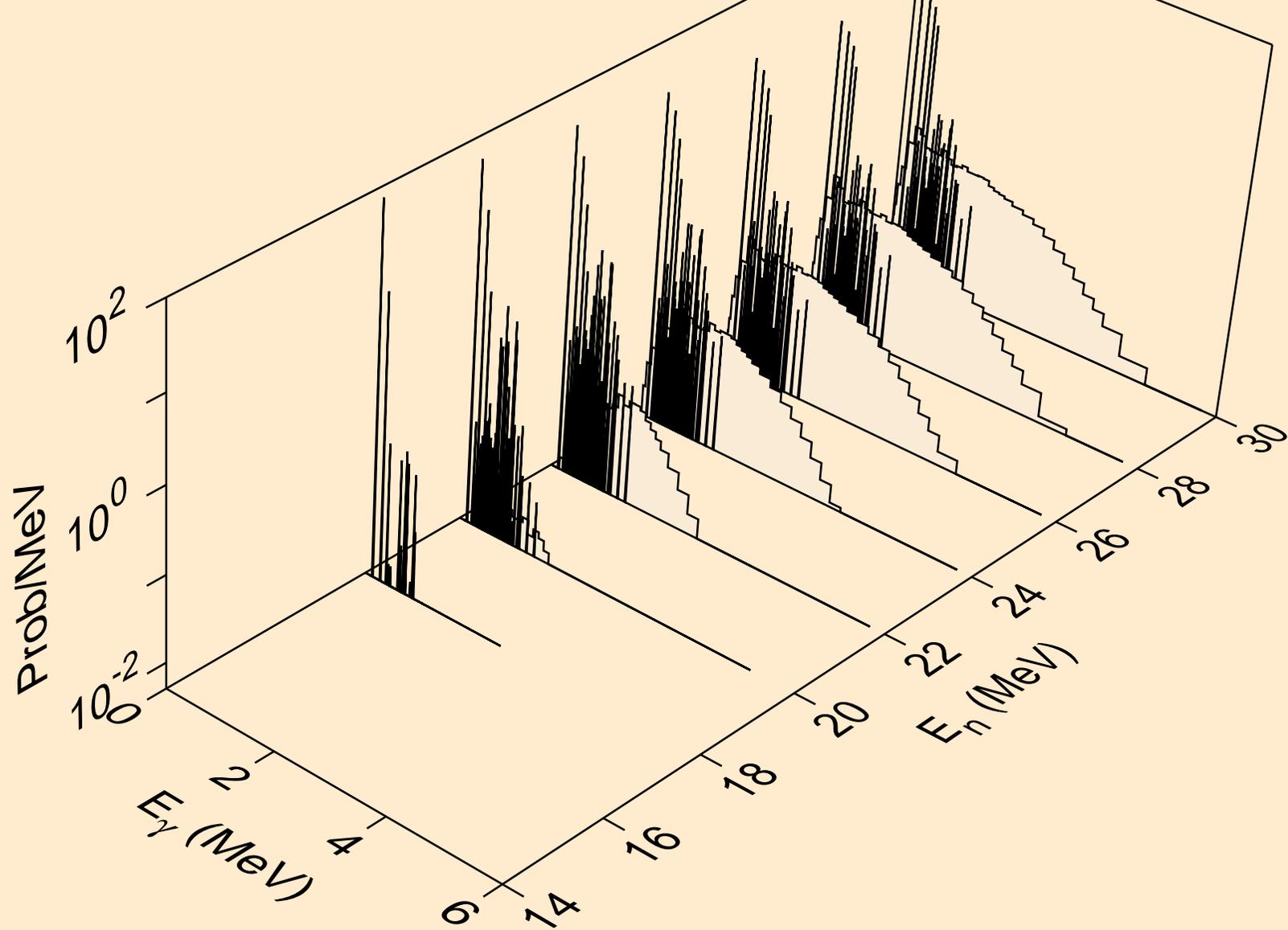
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



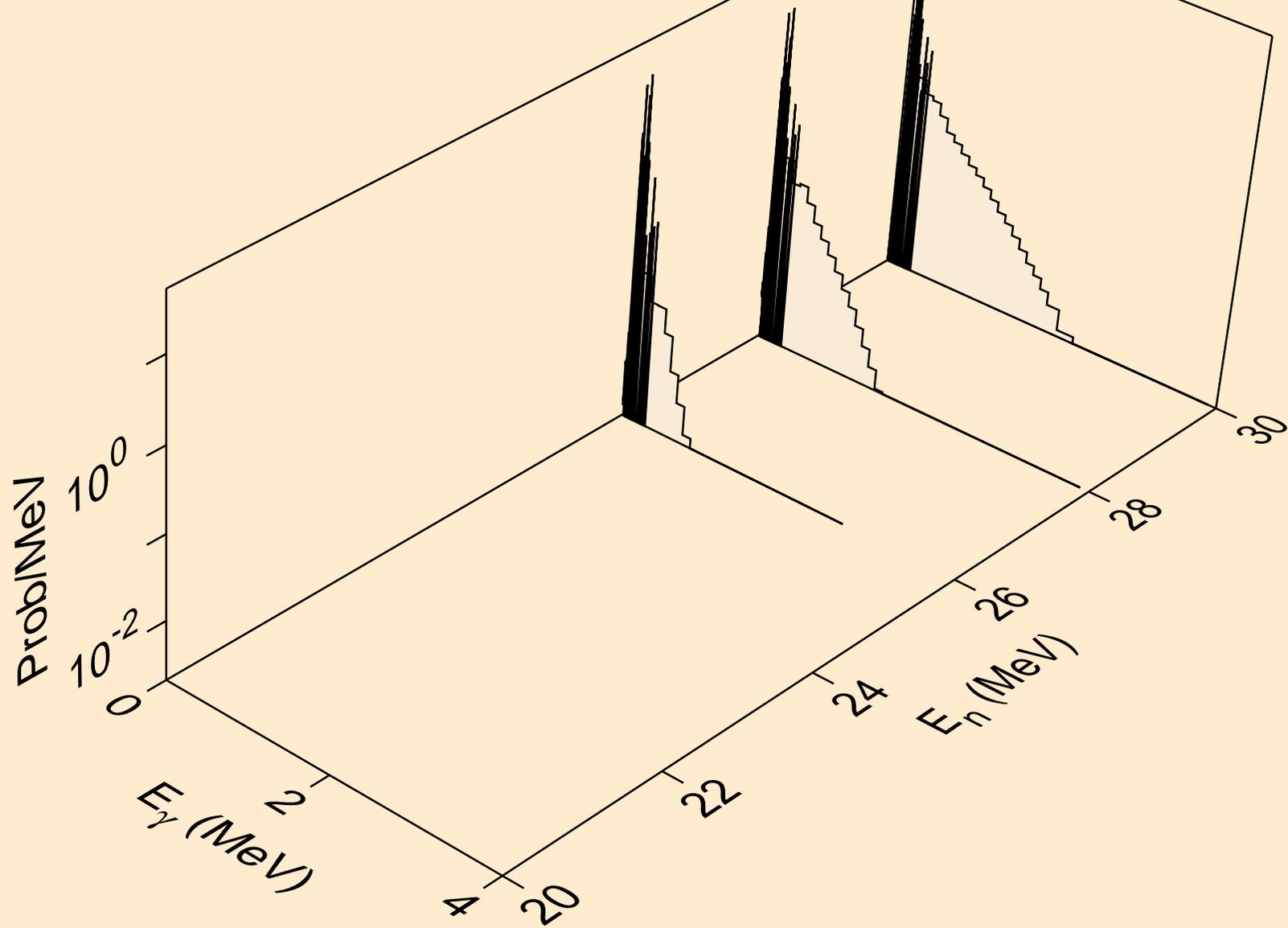
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Photon emission for (n,2n)a



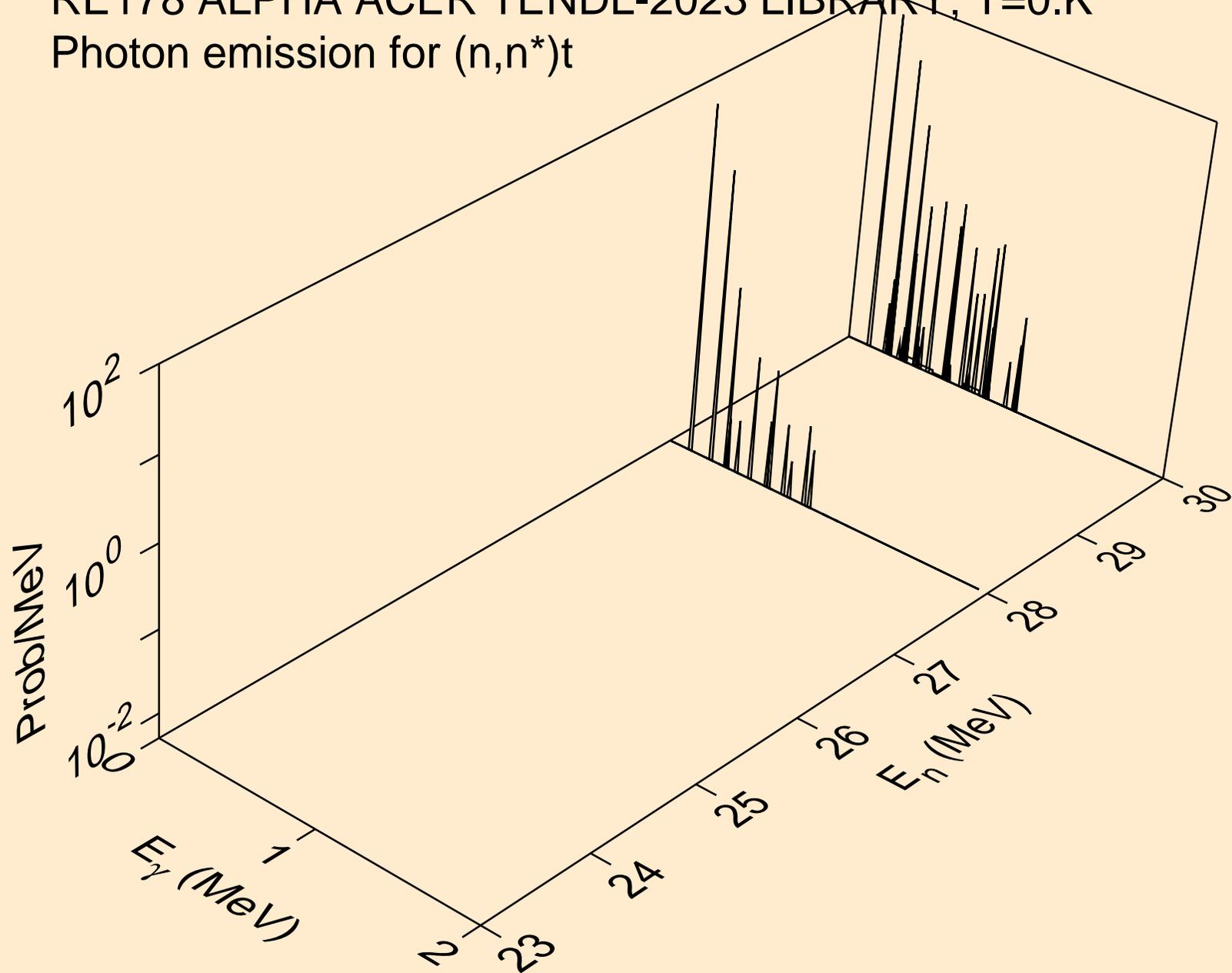
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



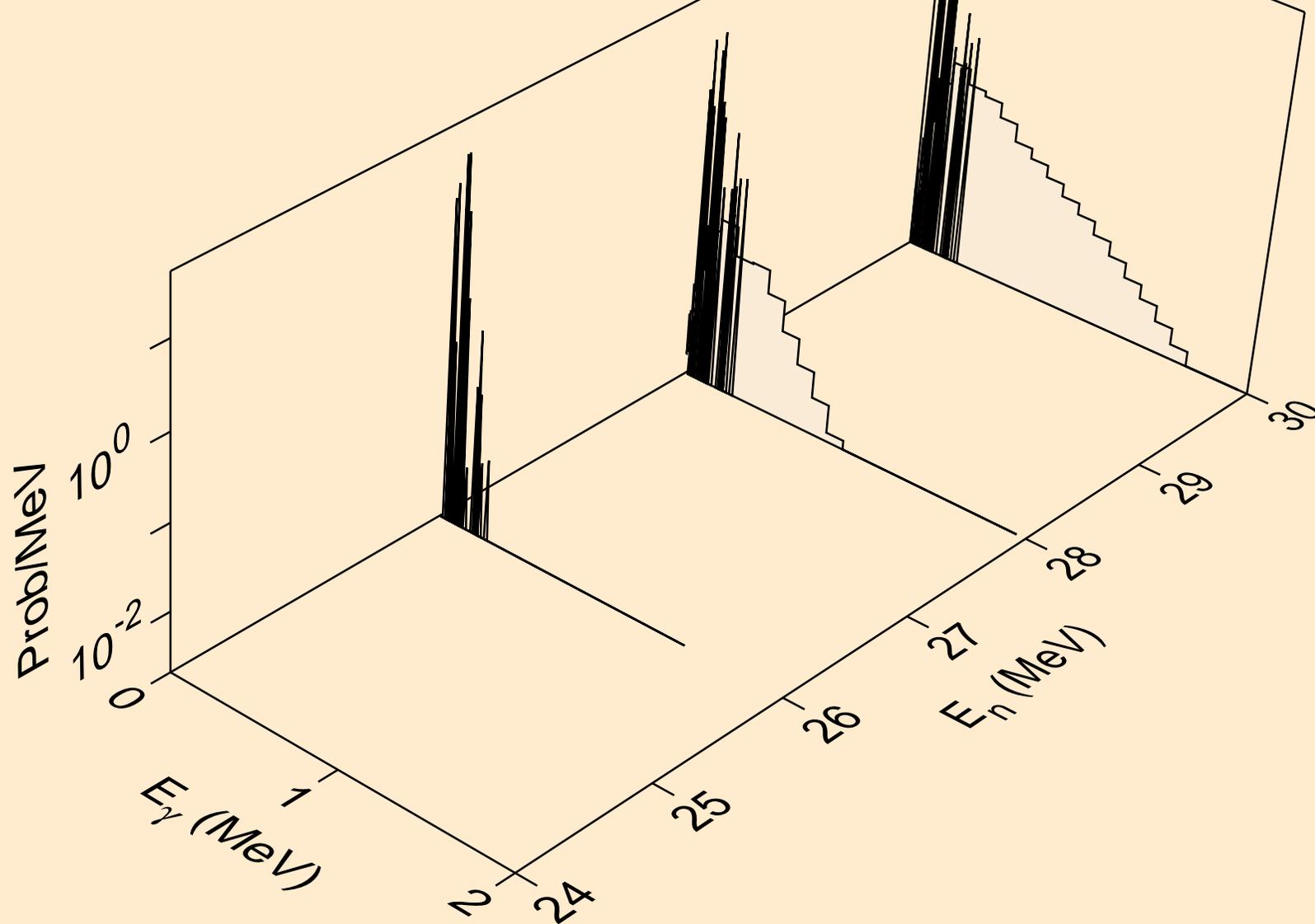
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



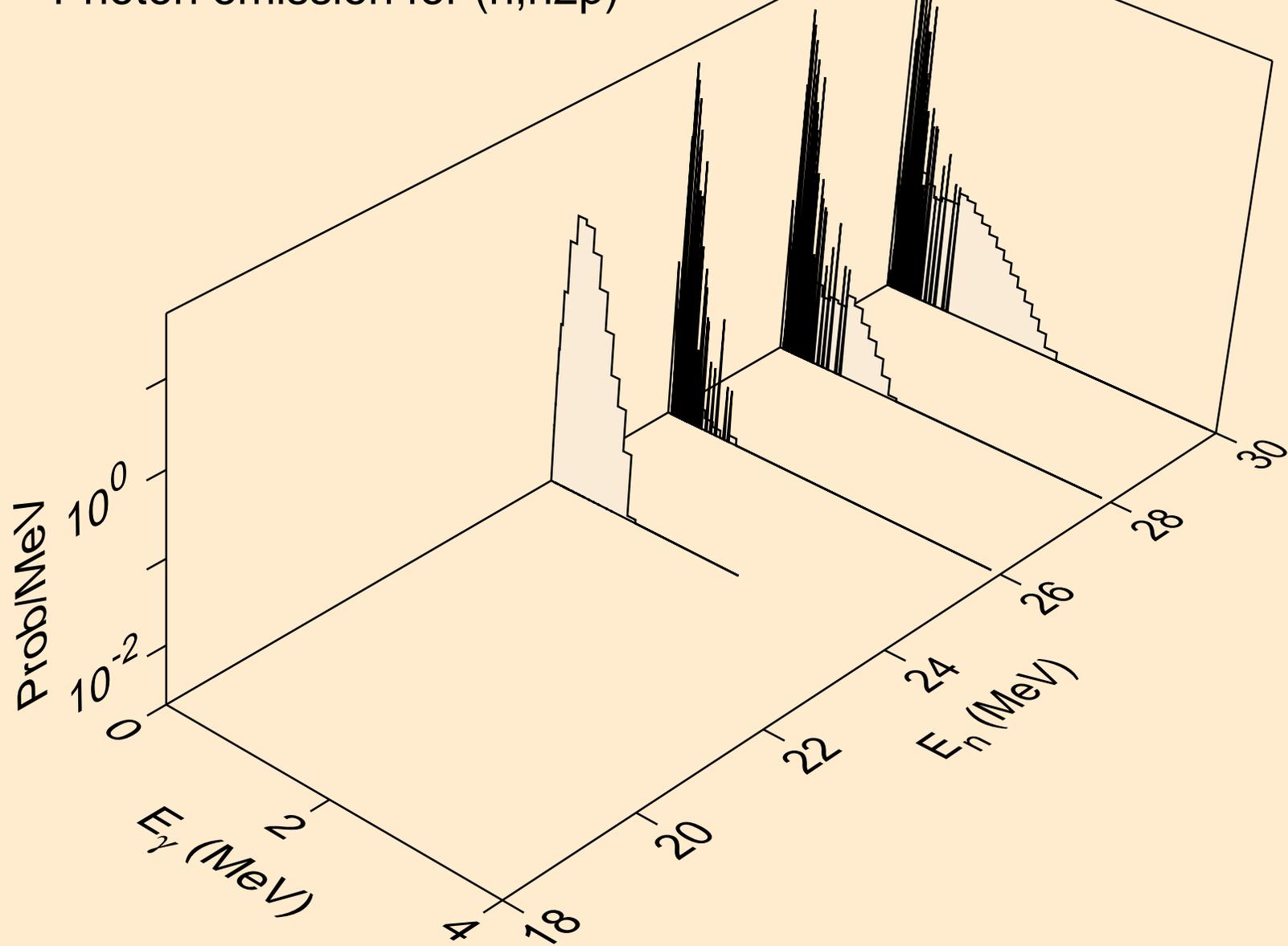
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



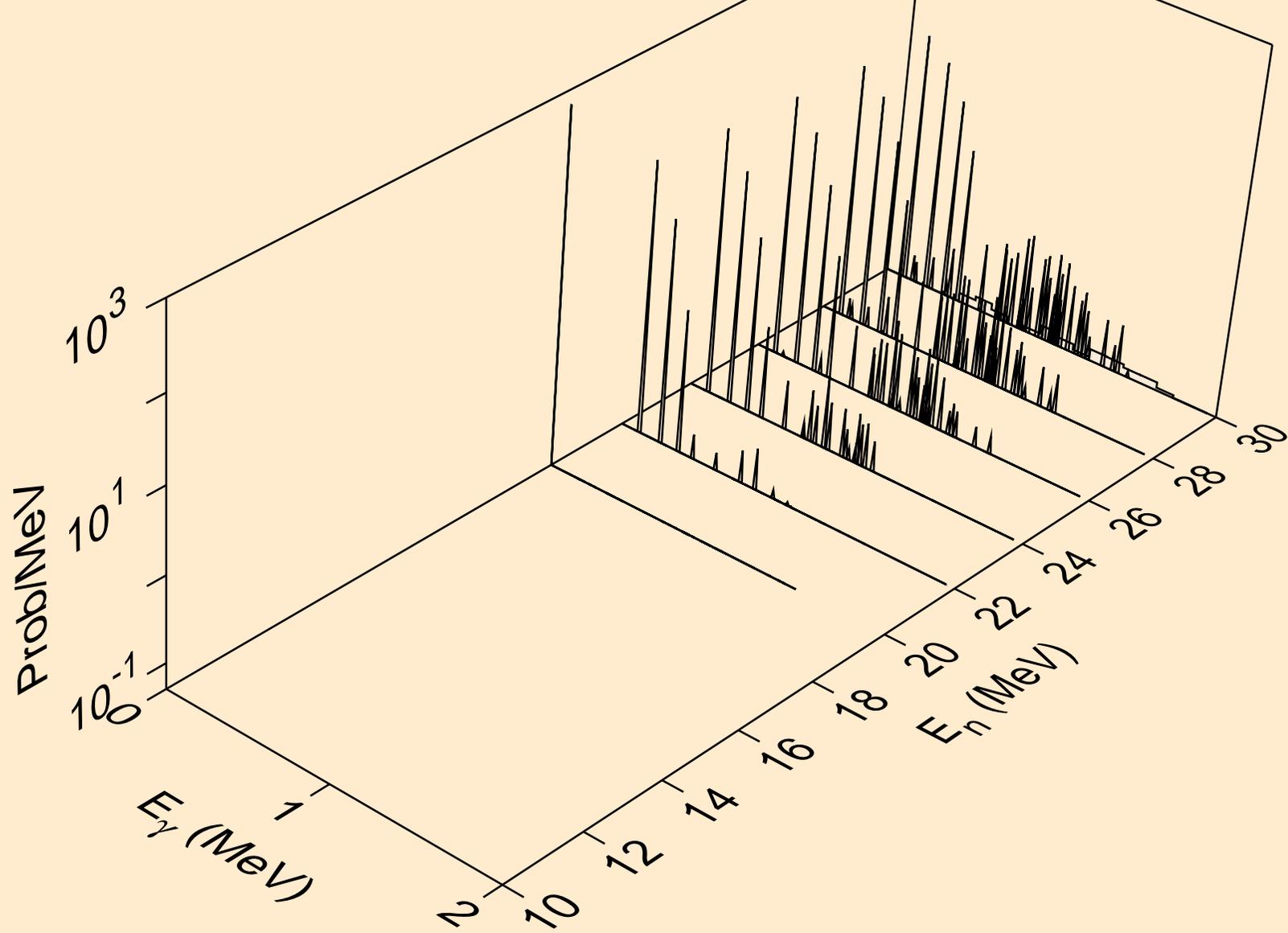
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



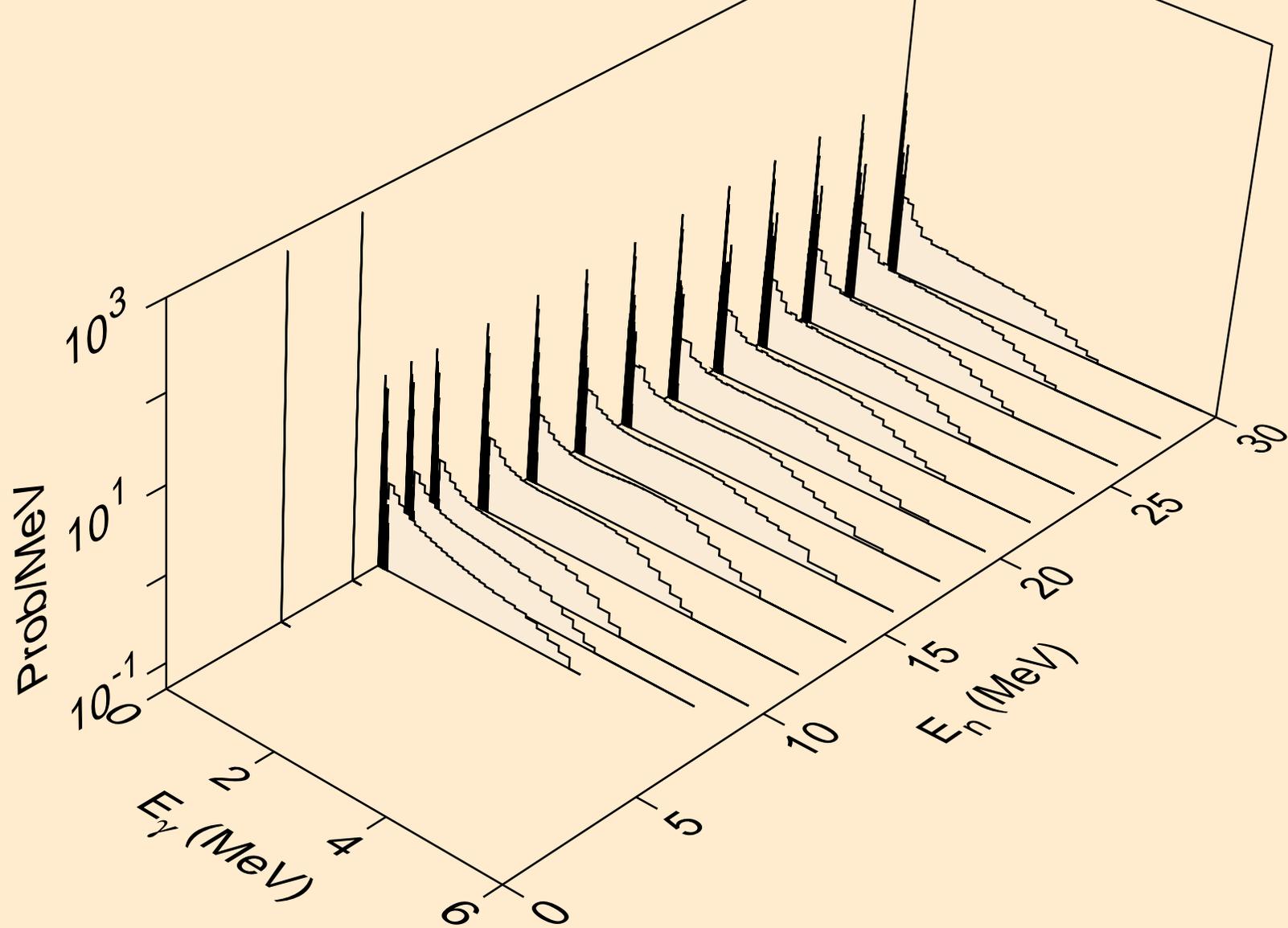
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



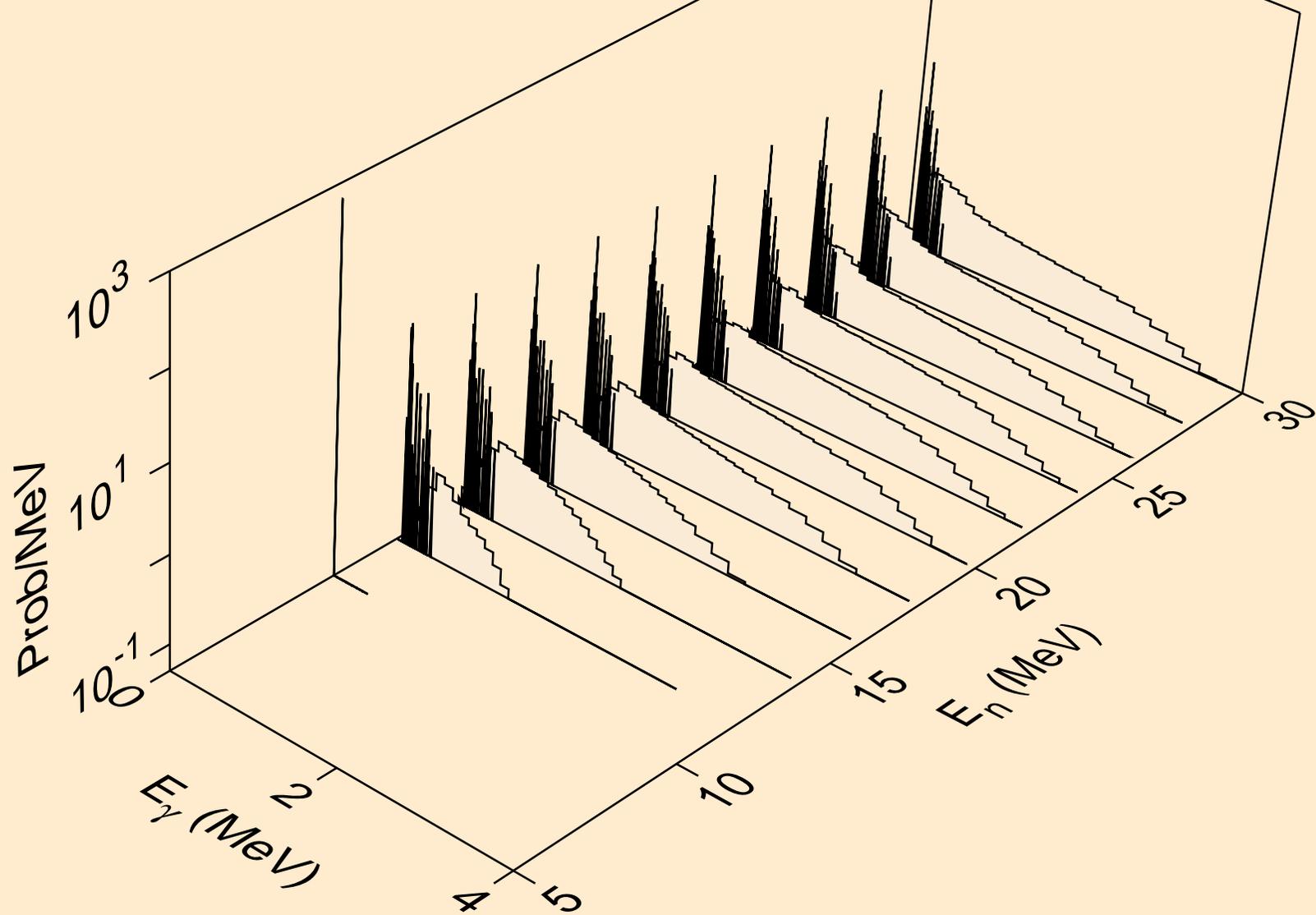
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



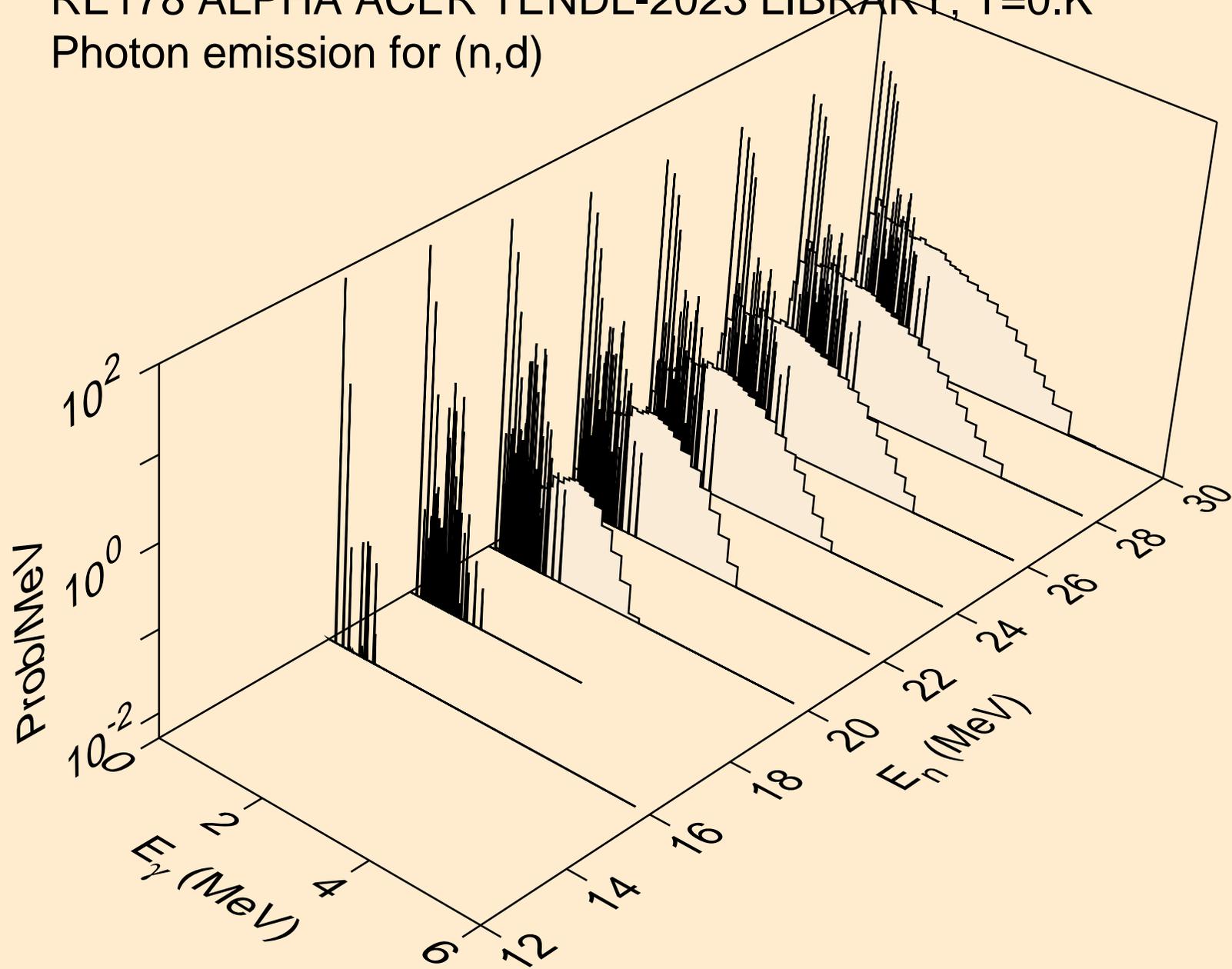
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



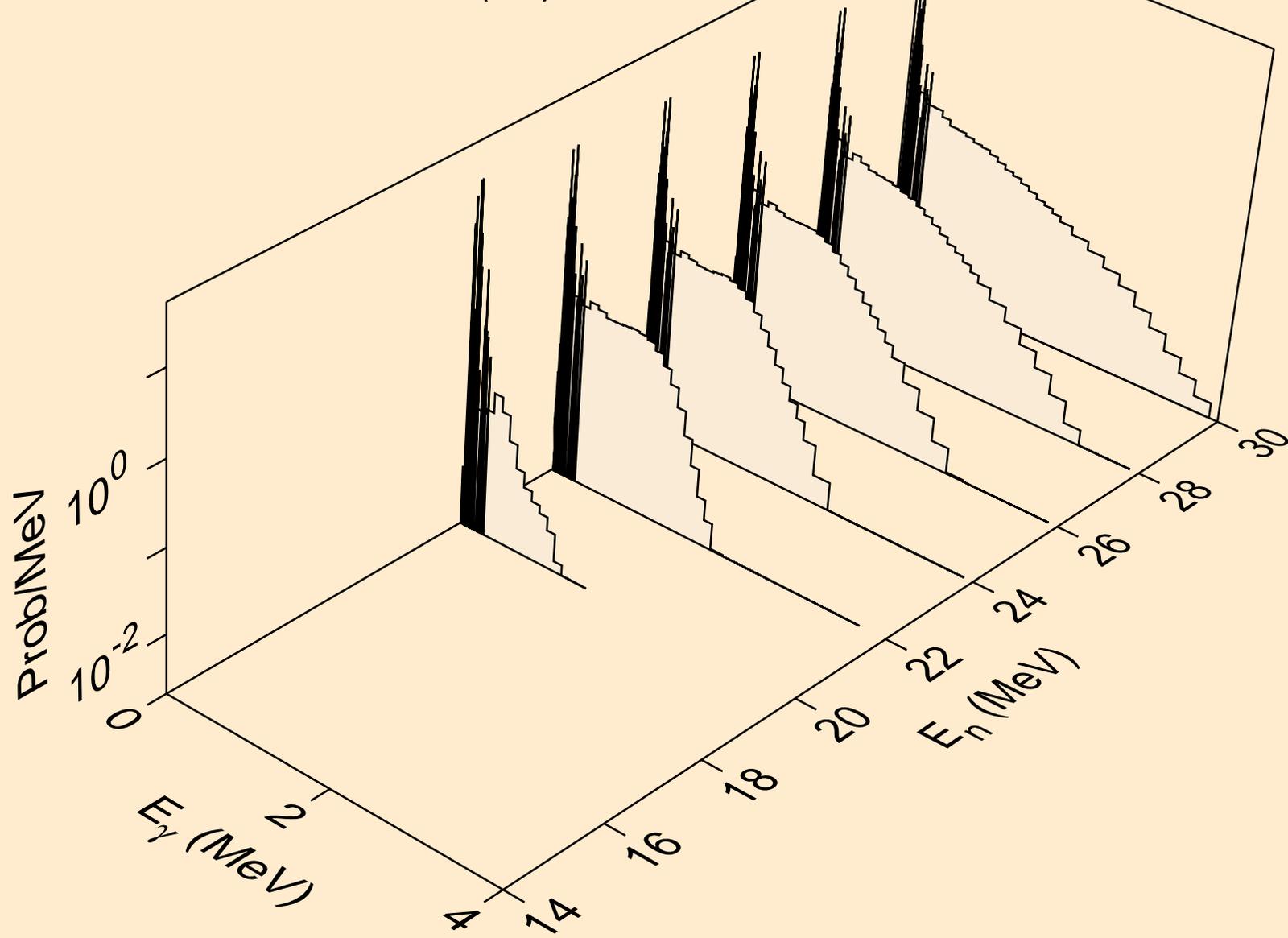
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



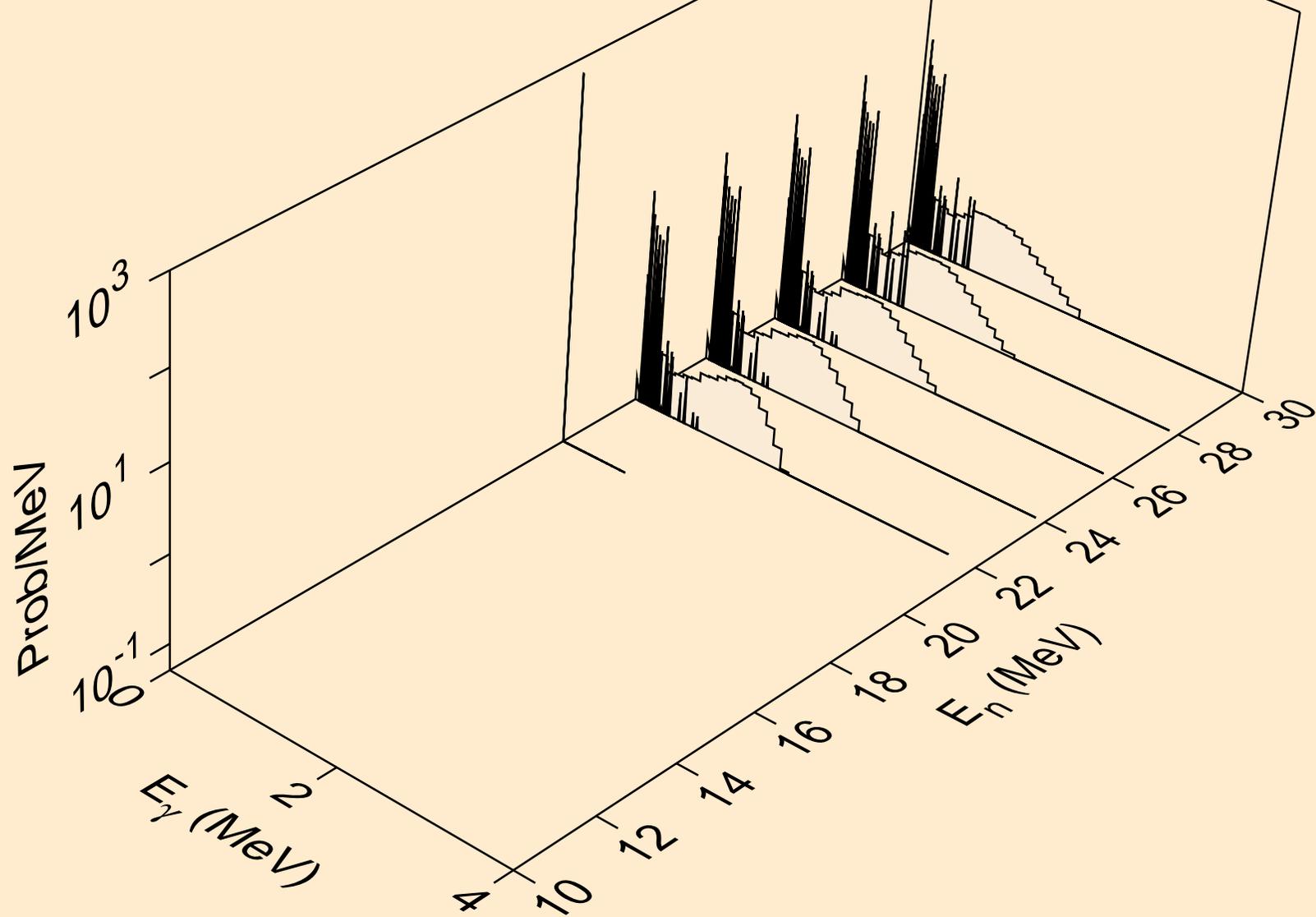
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



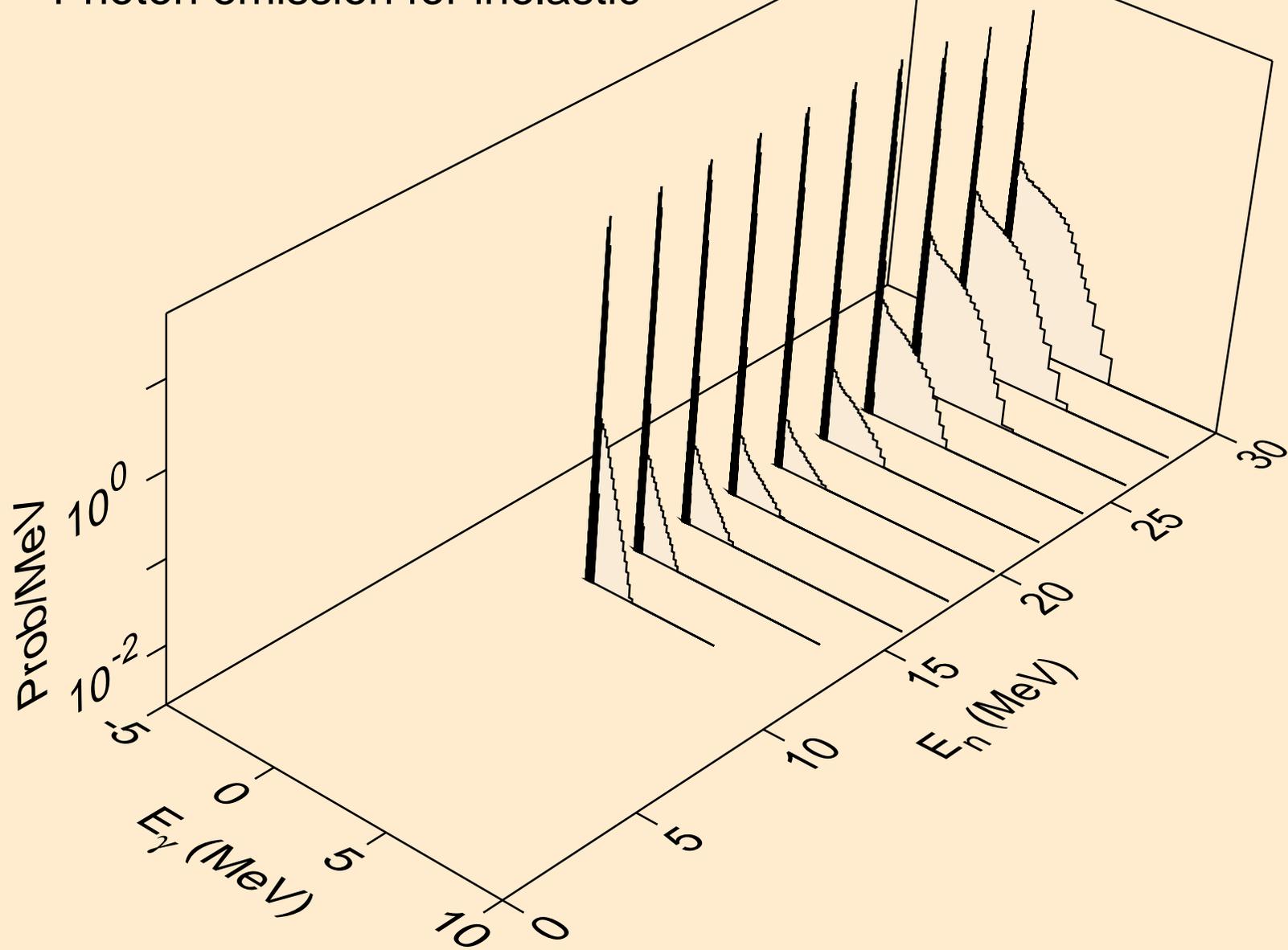
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



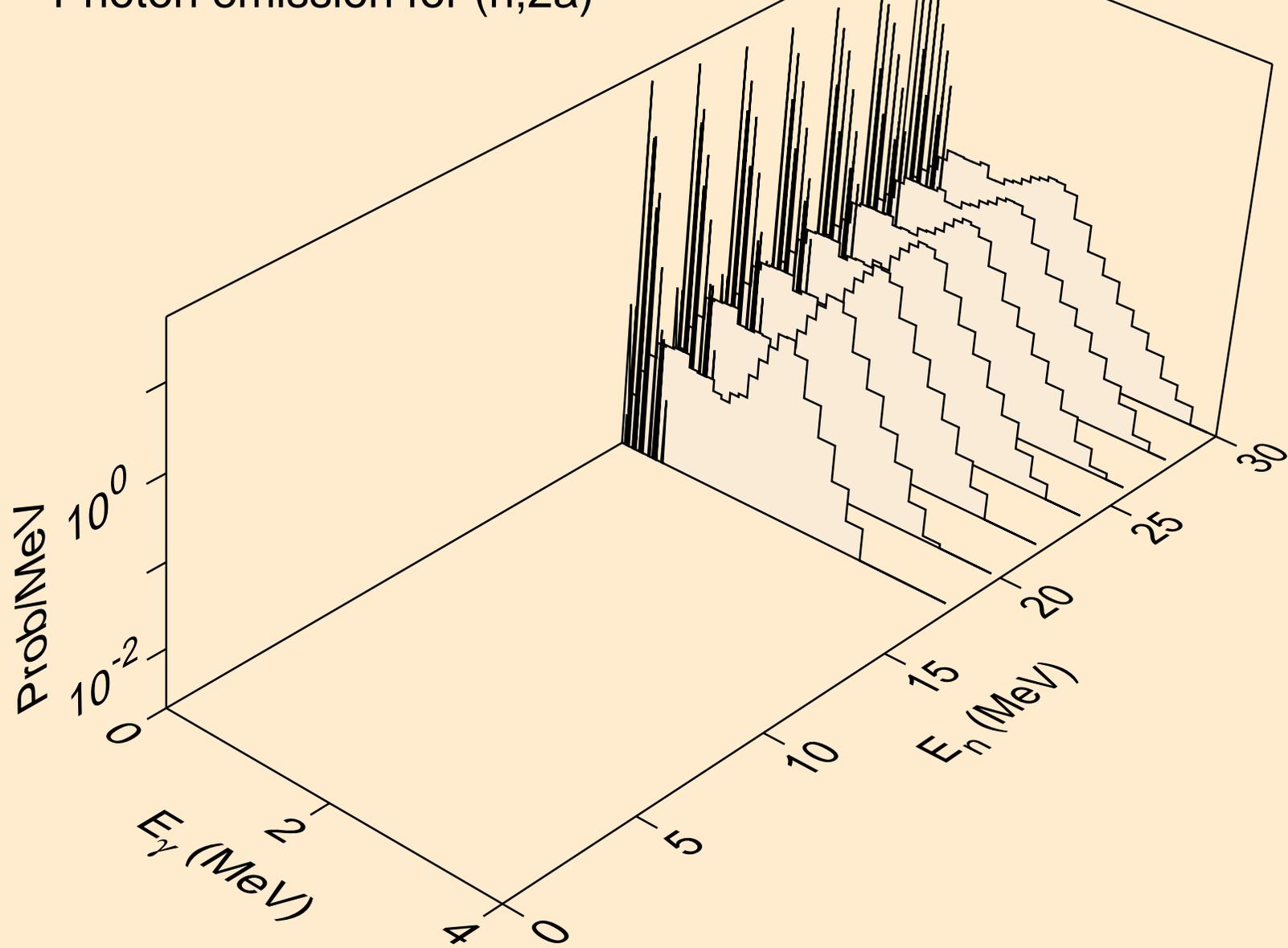
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



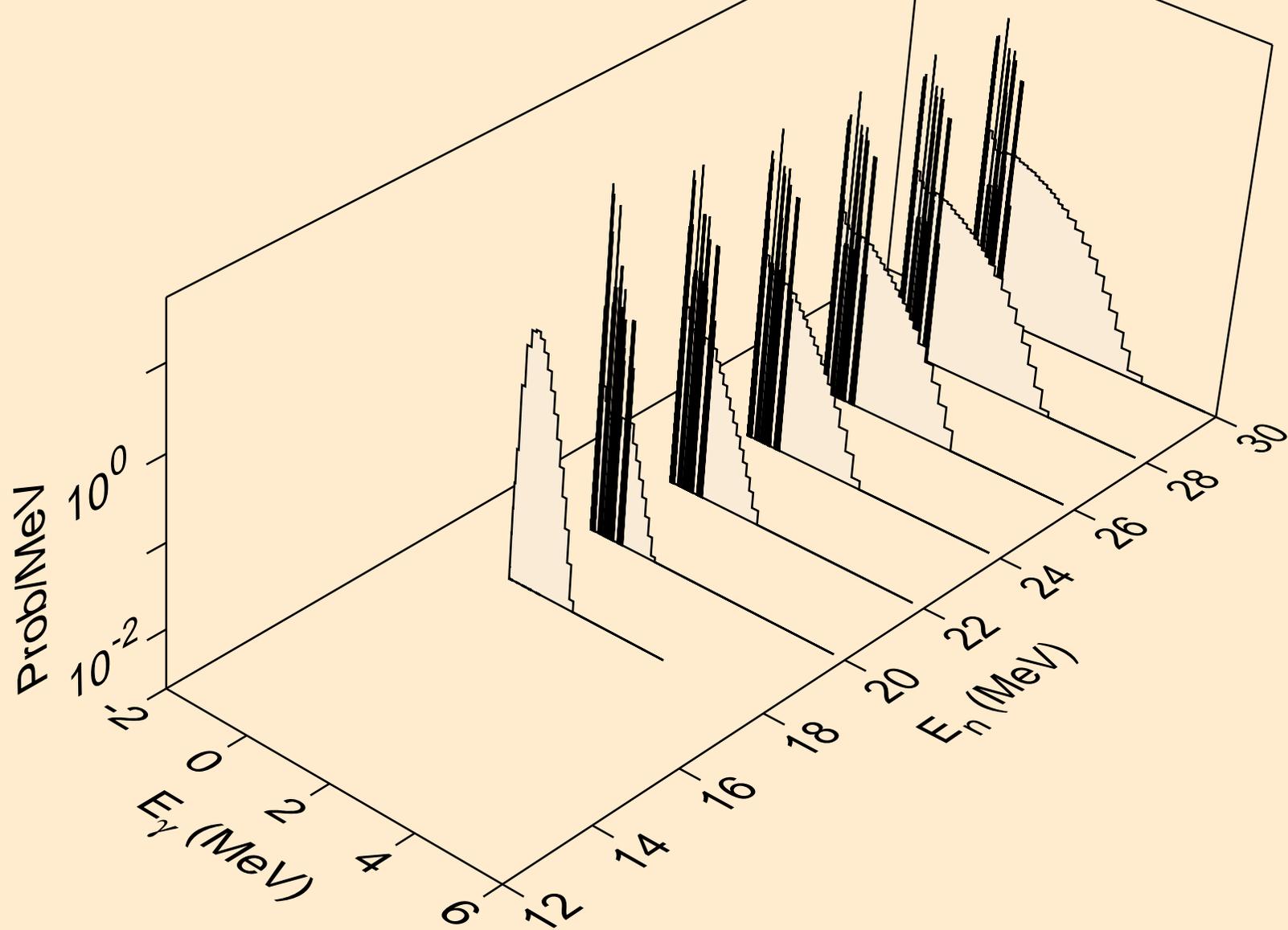
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



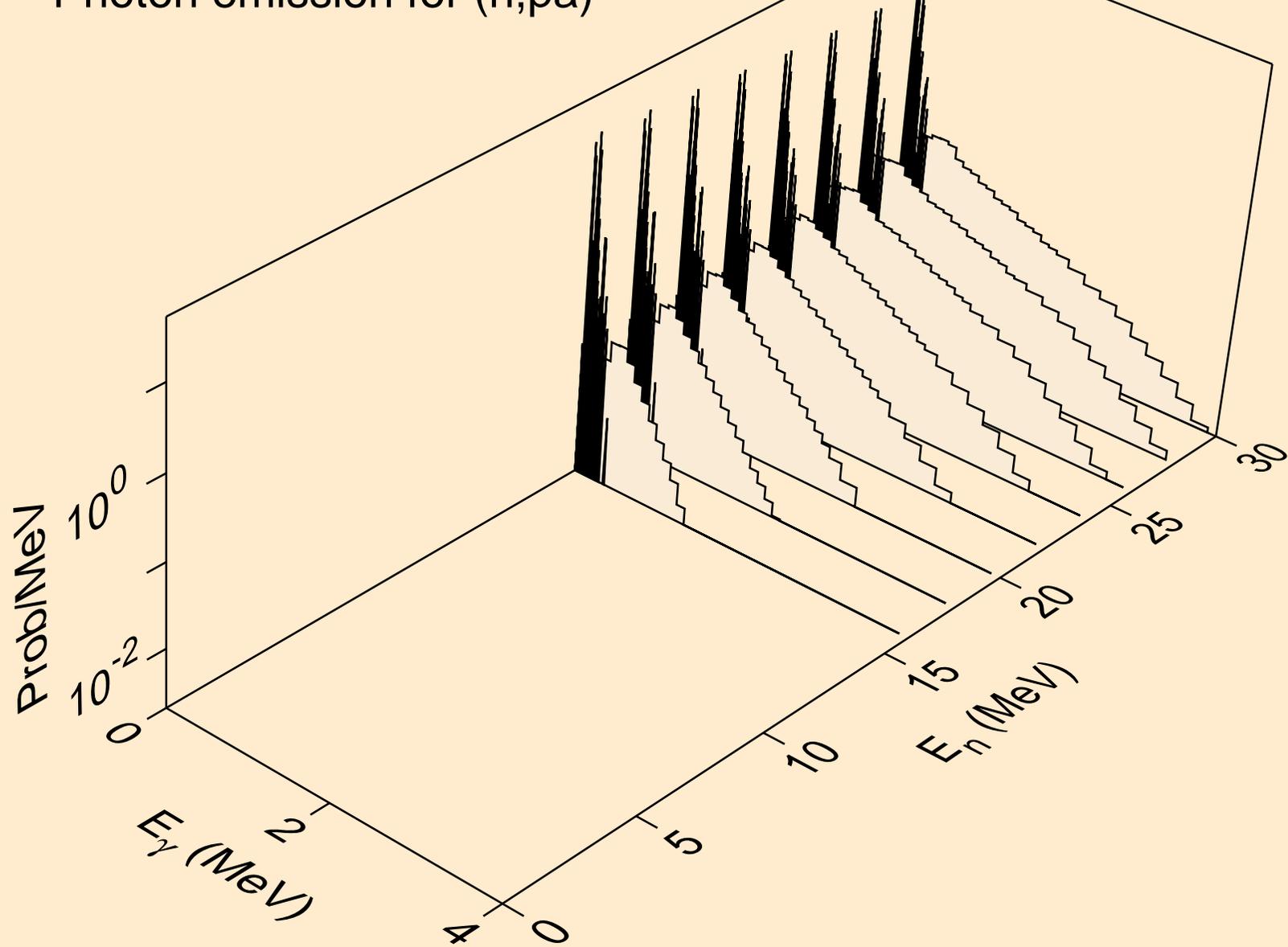
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Photon emission for (n,2a)



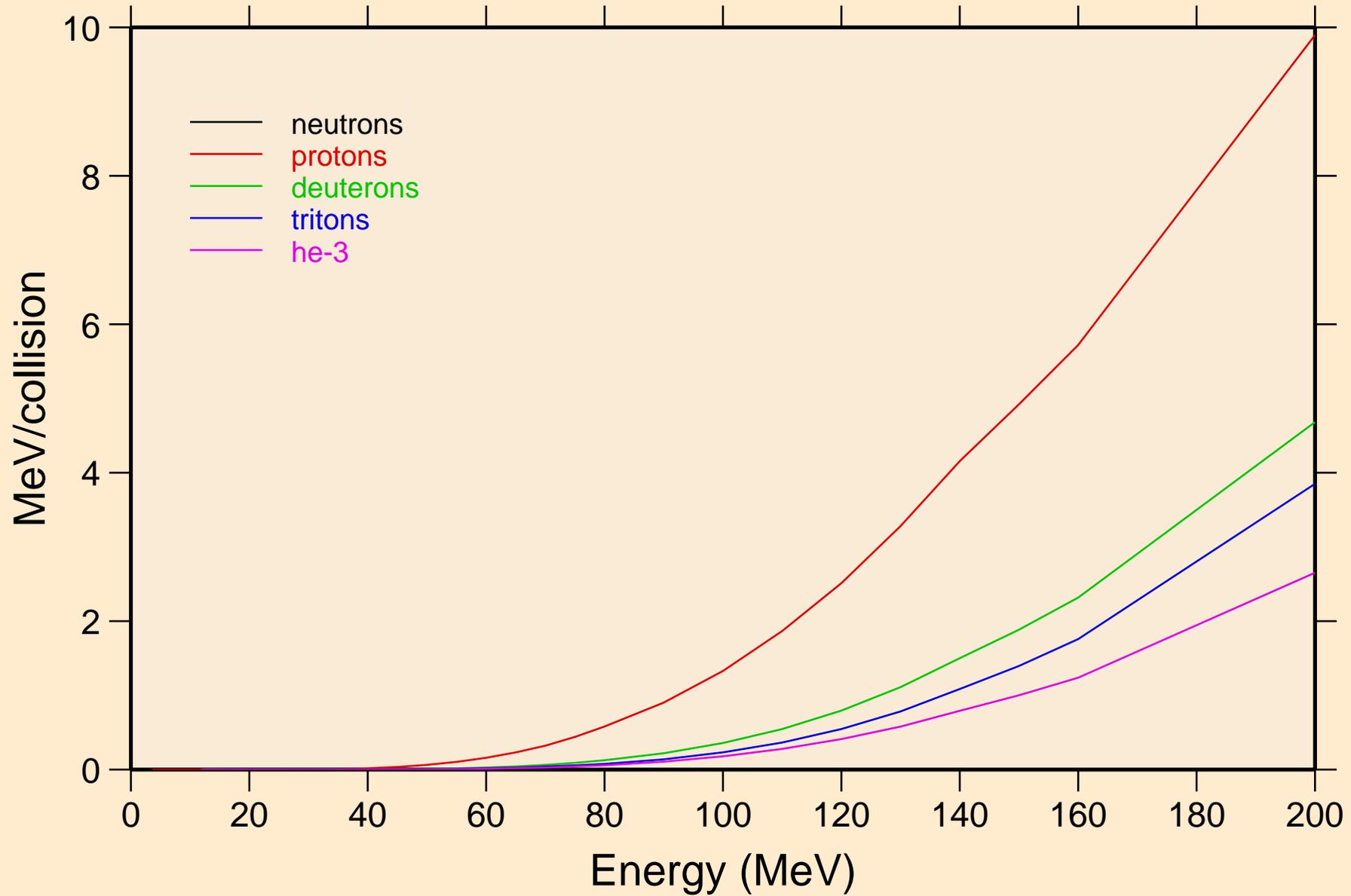
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Photon emission for (n,2p)



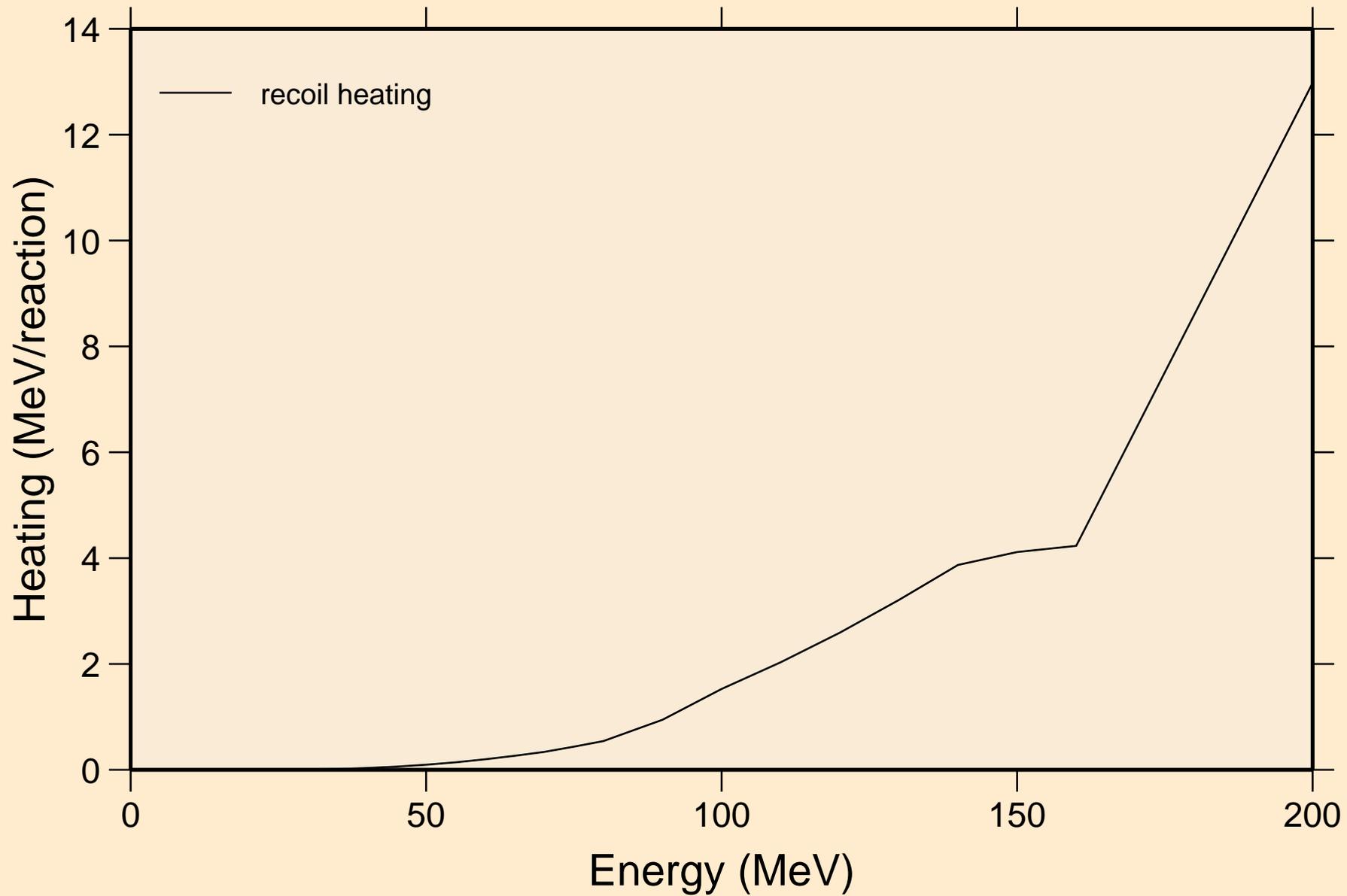
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



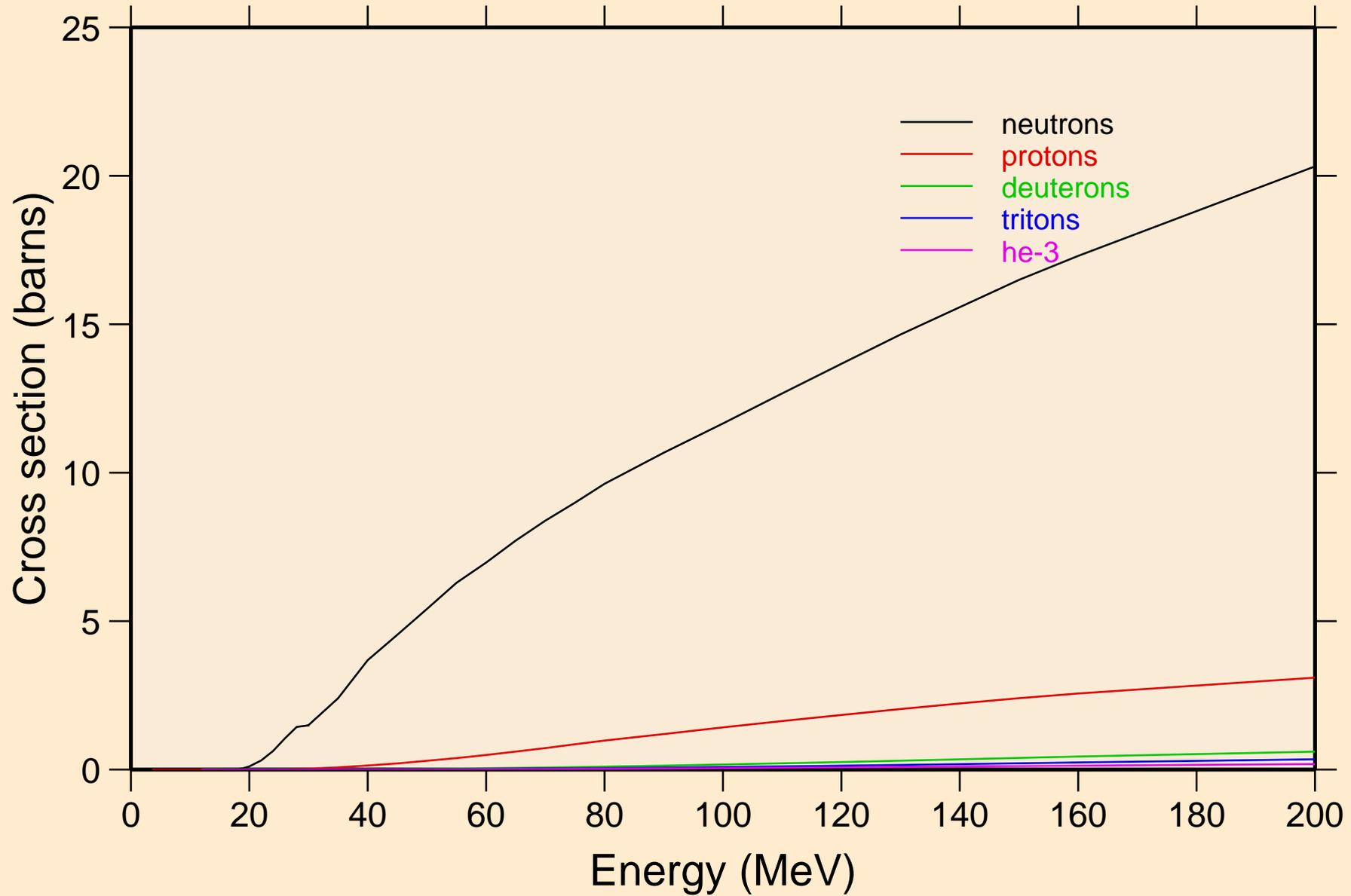
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



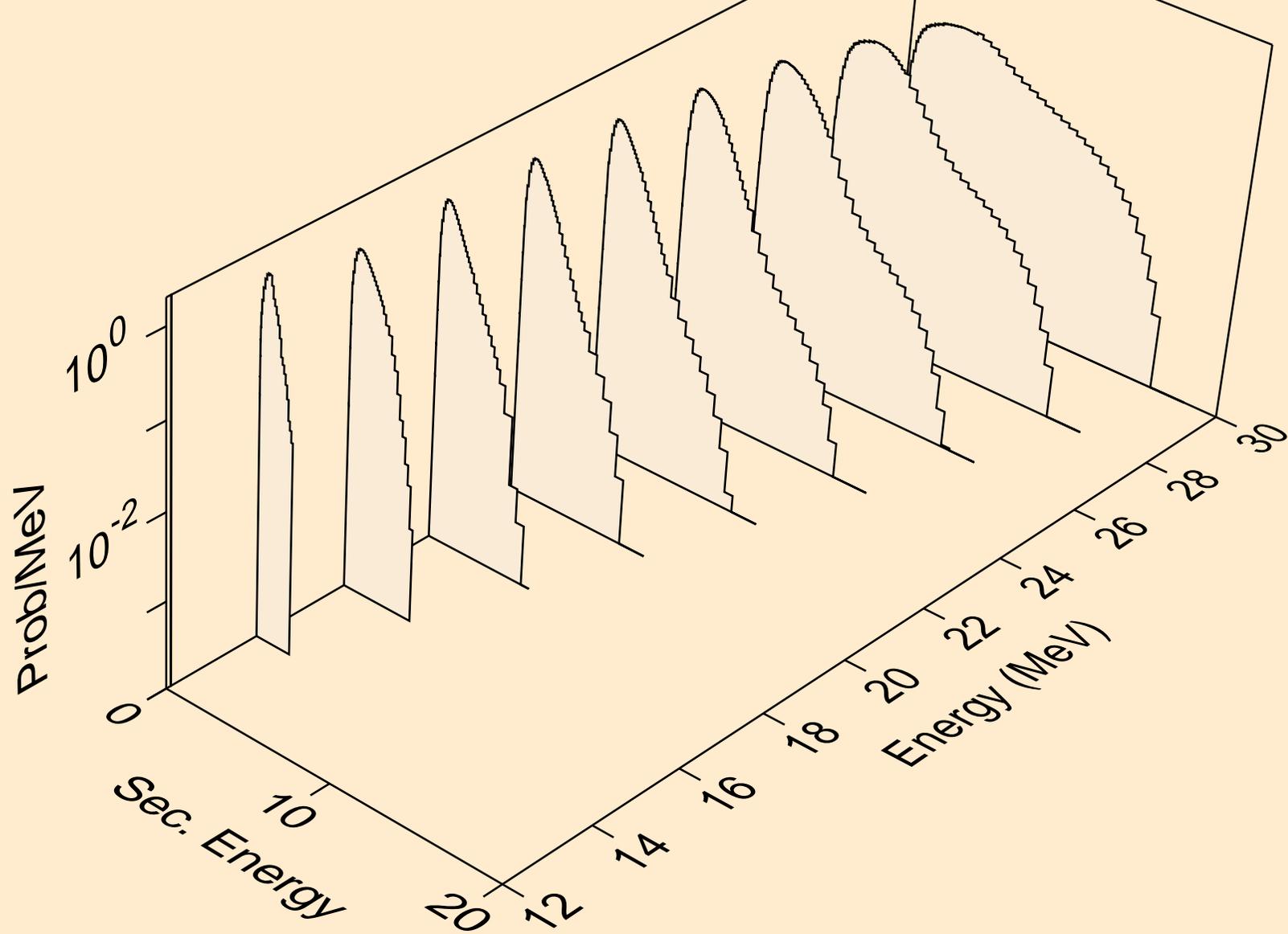
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



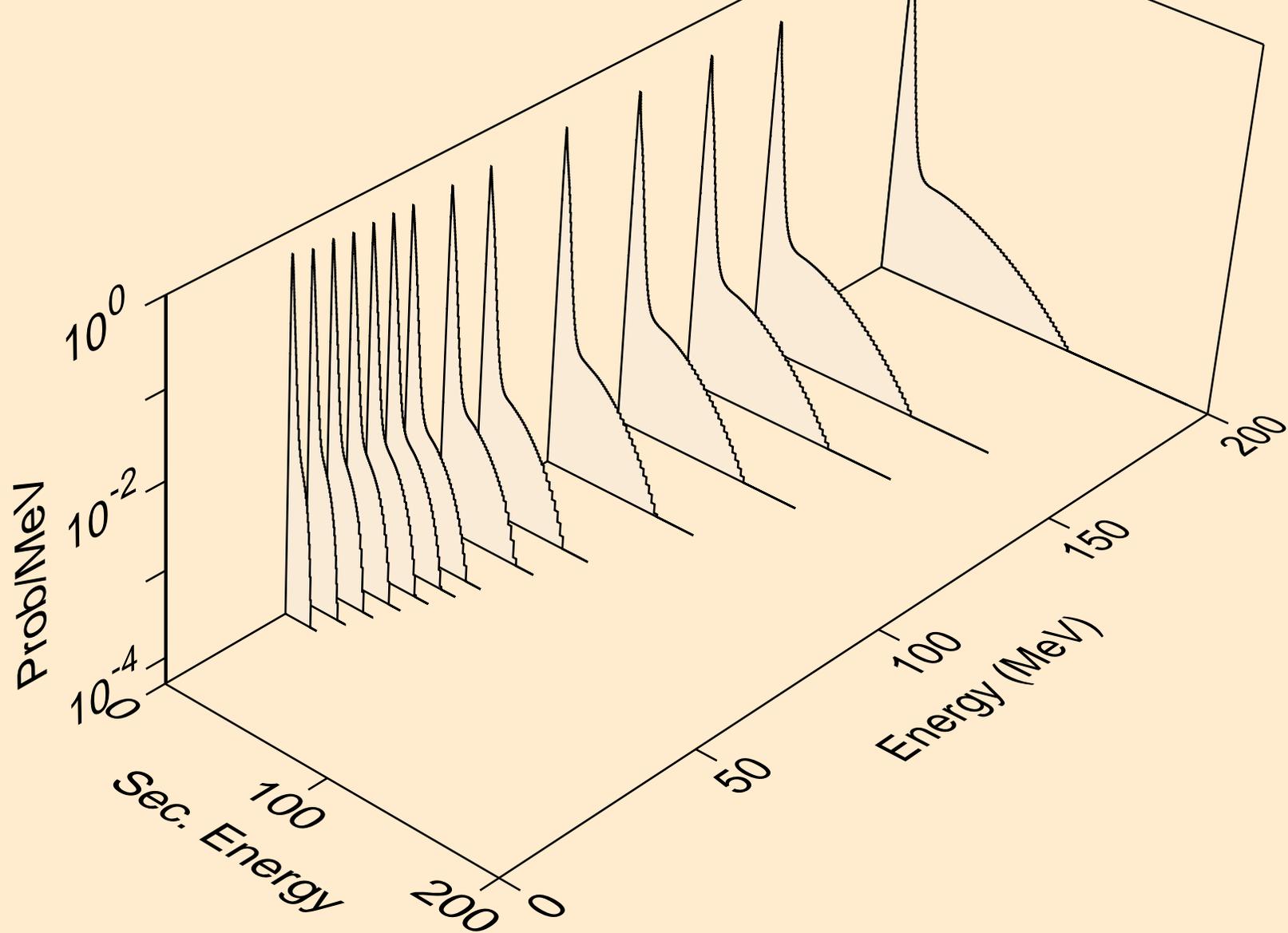
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



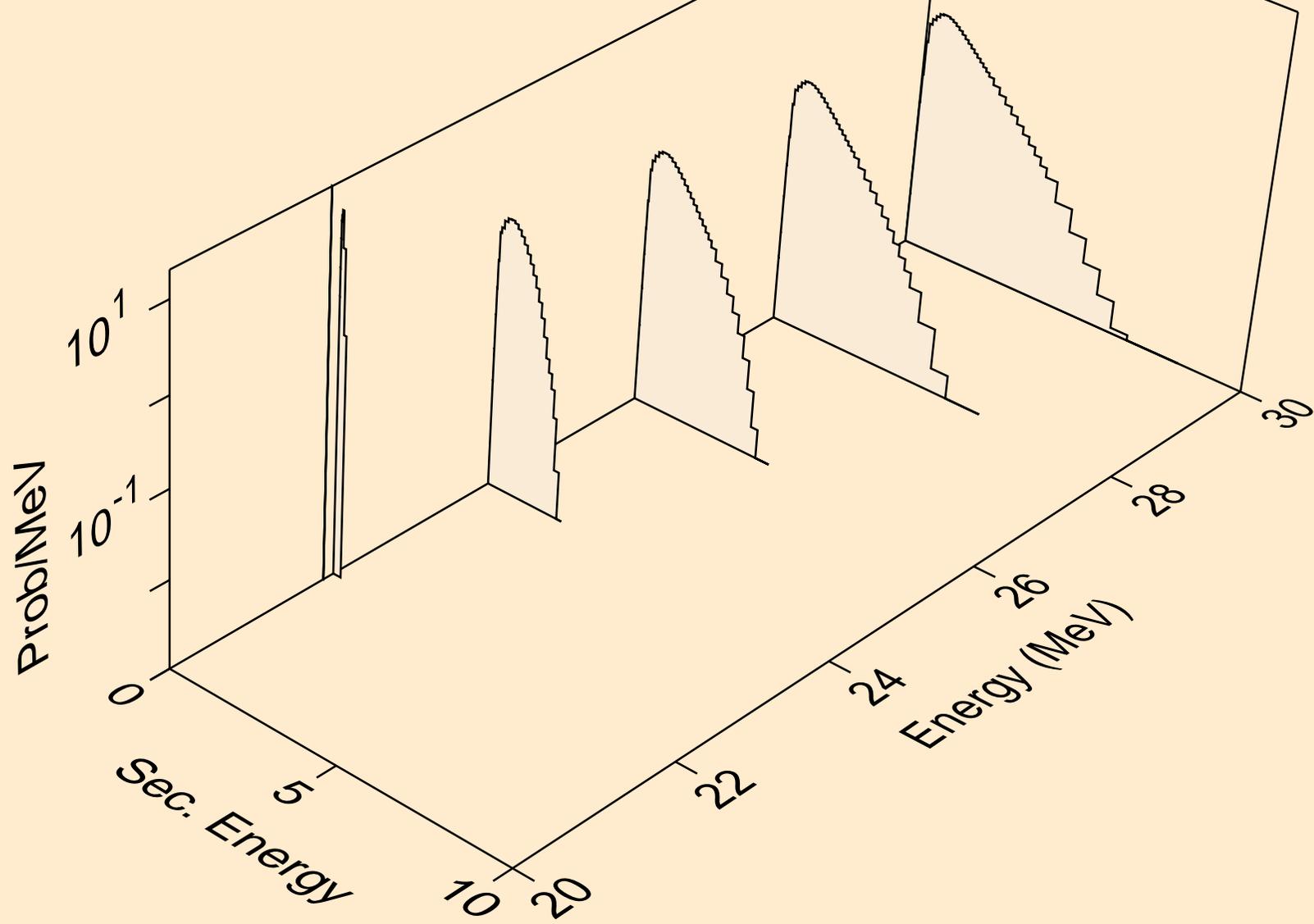
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



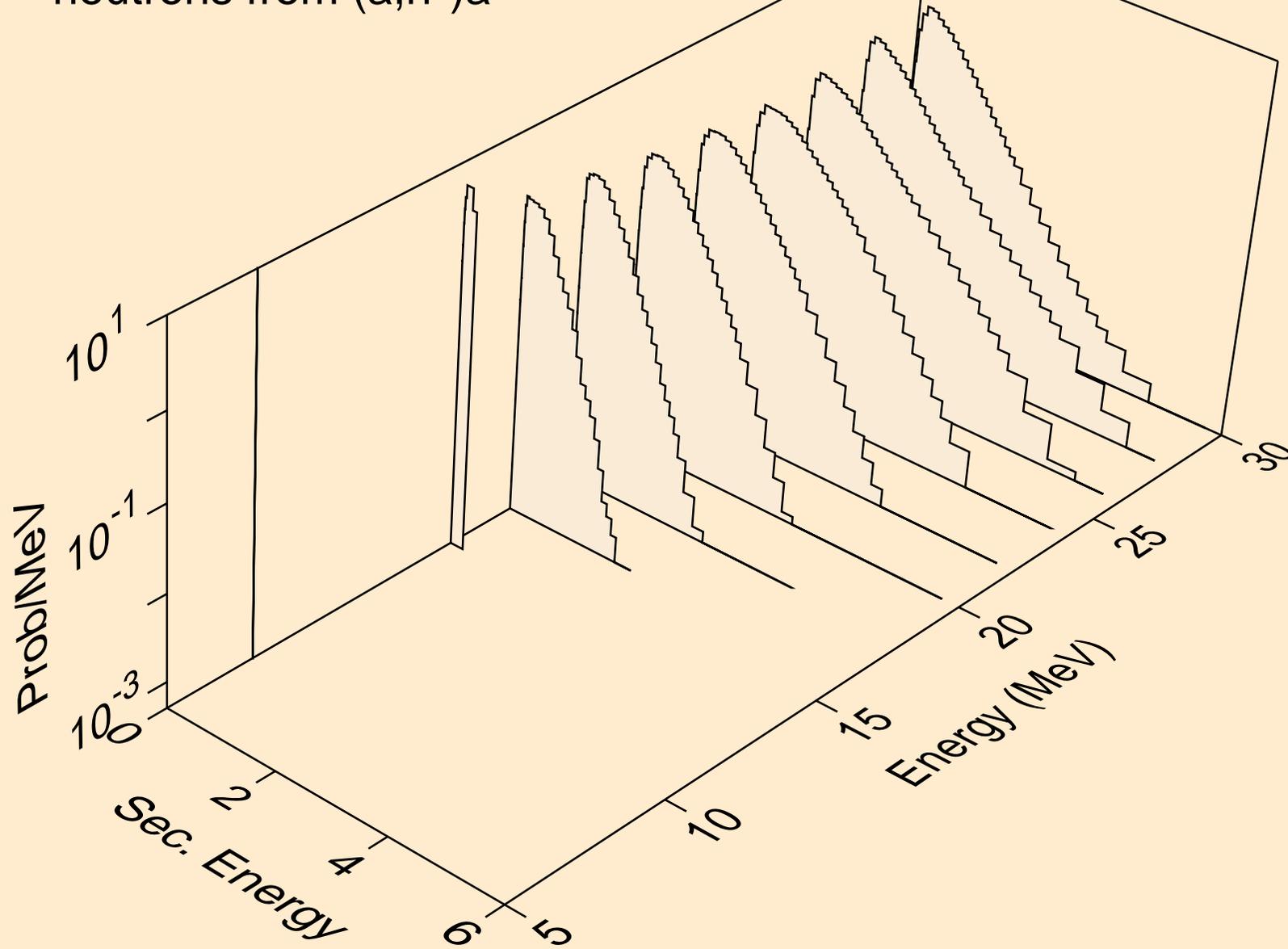
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



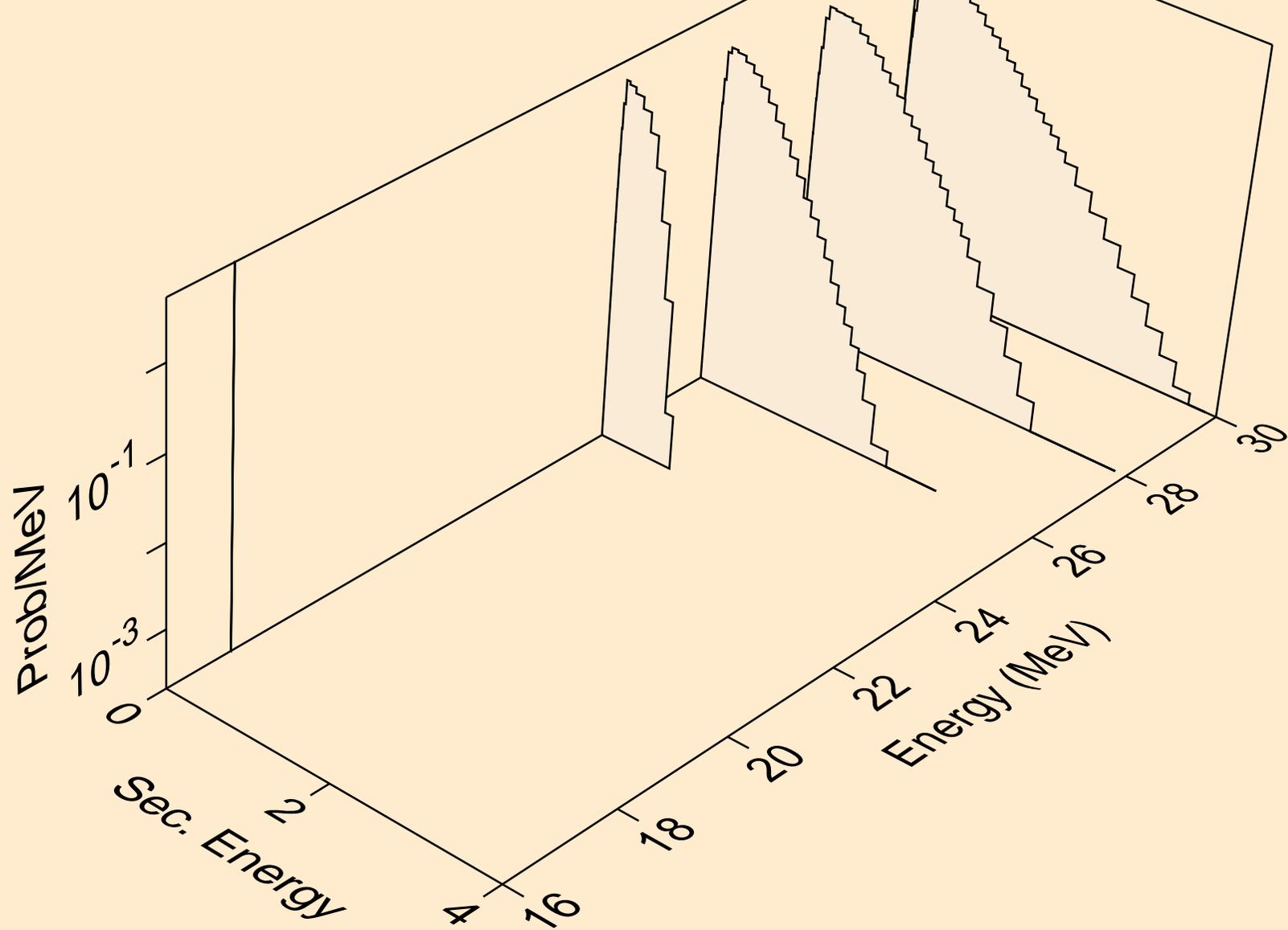
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neutrons from (a,2n)



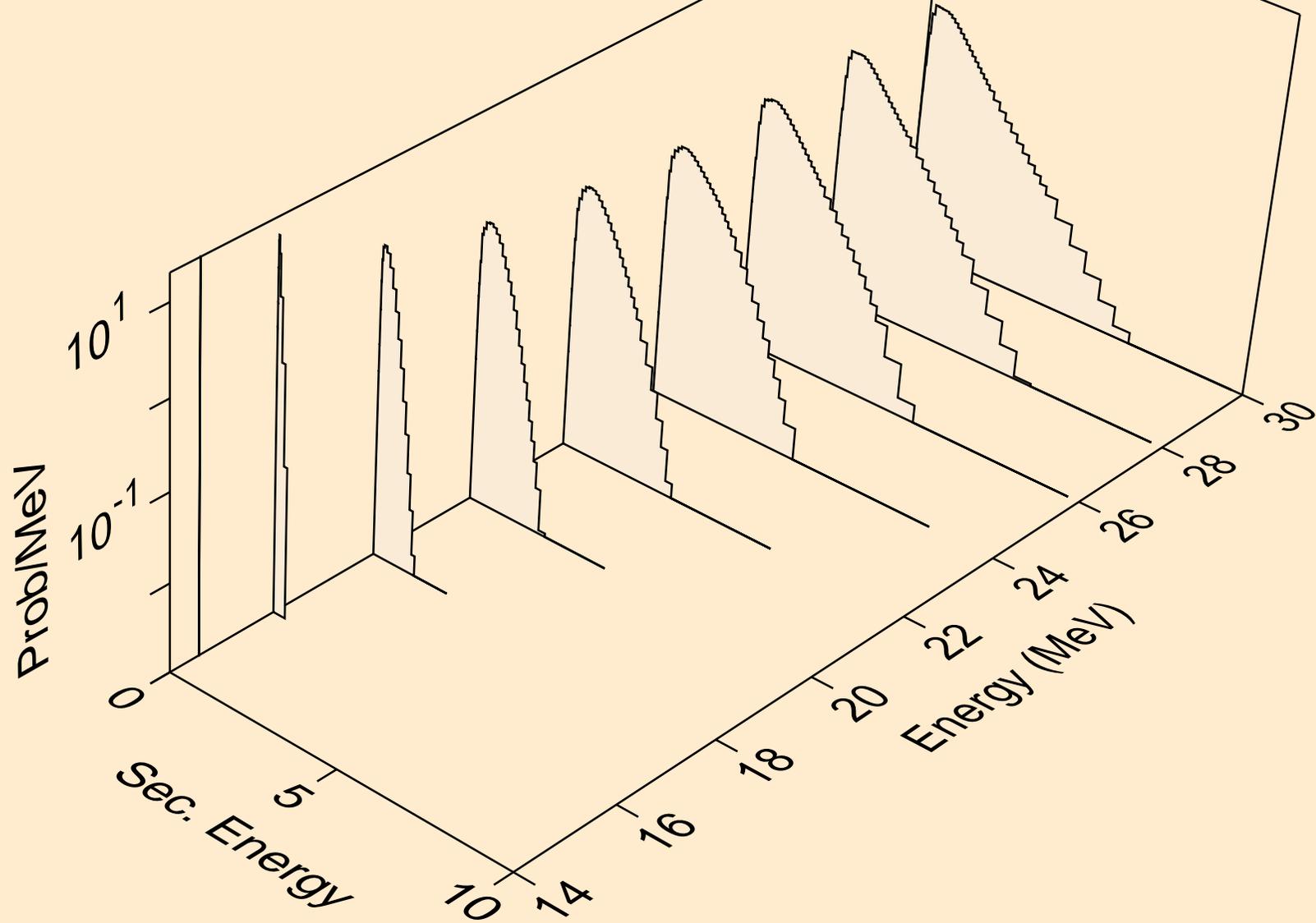
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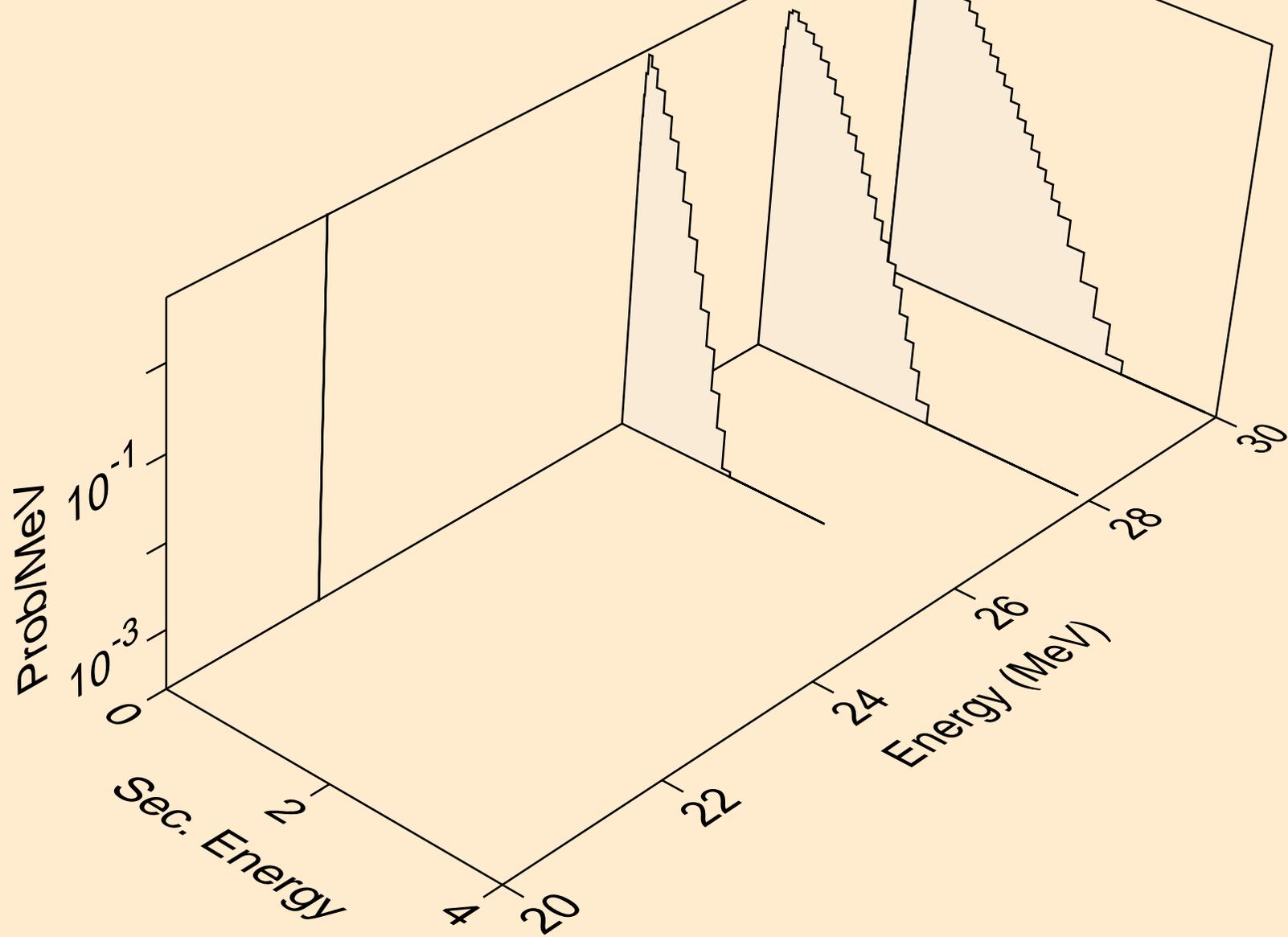
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neutrons from (a,2n)a



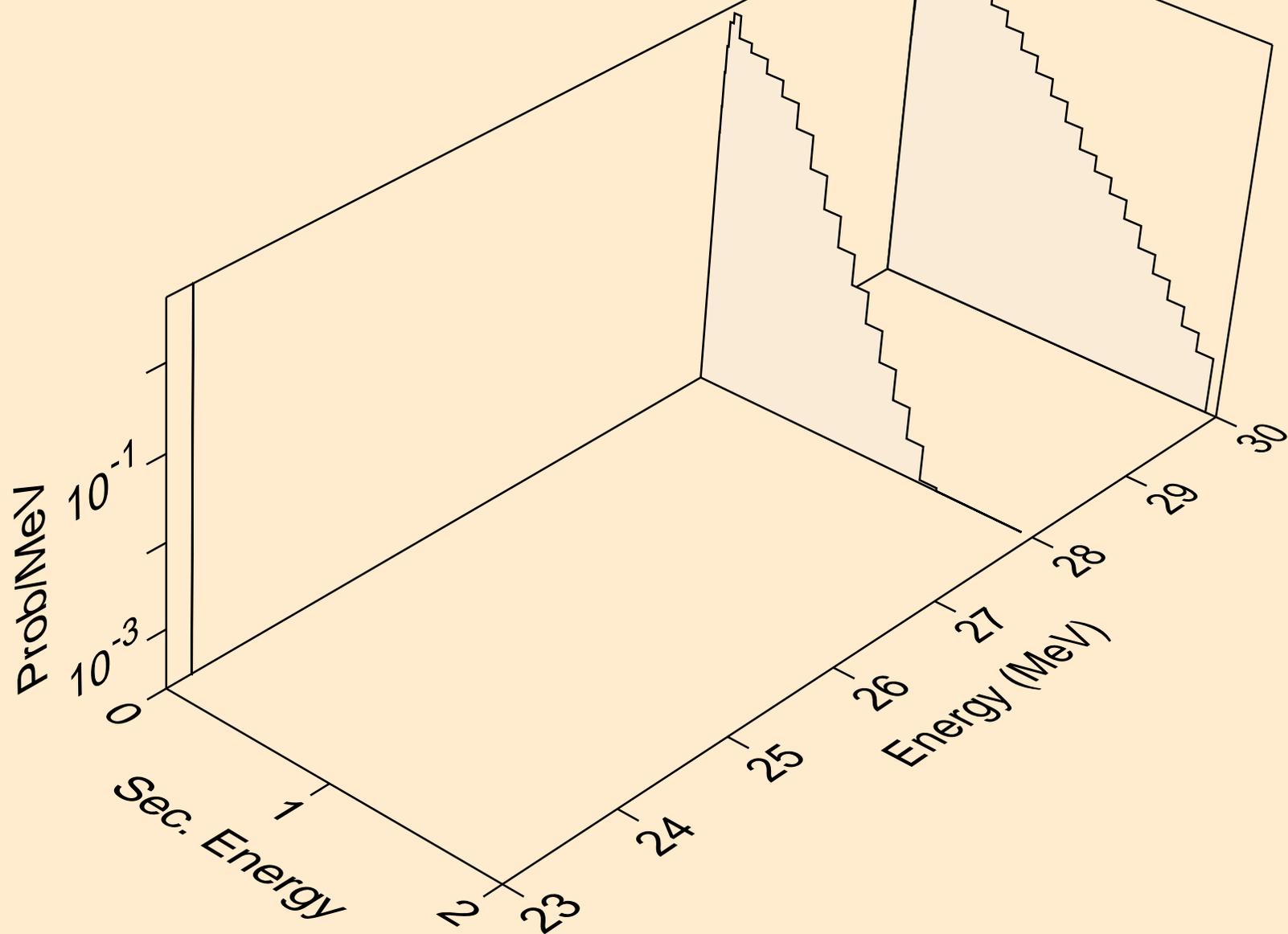
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neutrons from (a,n\*)p



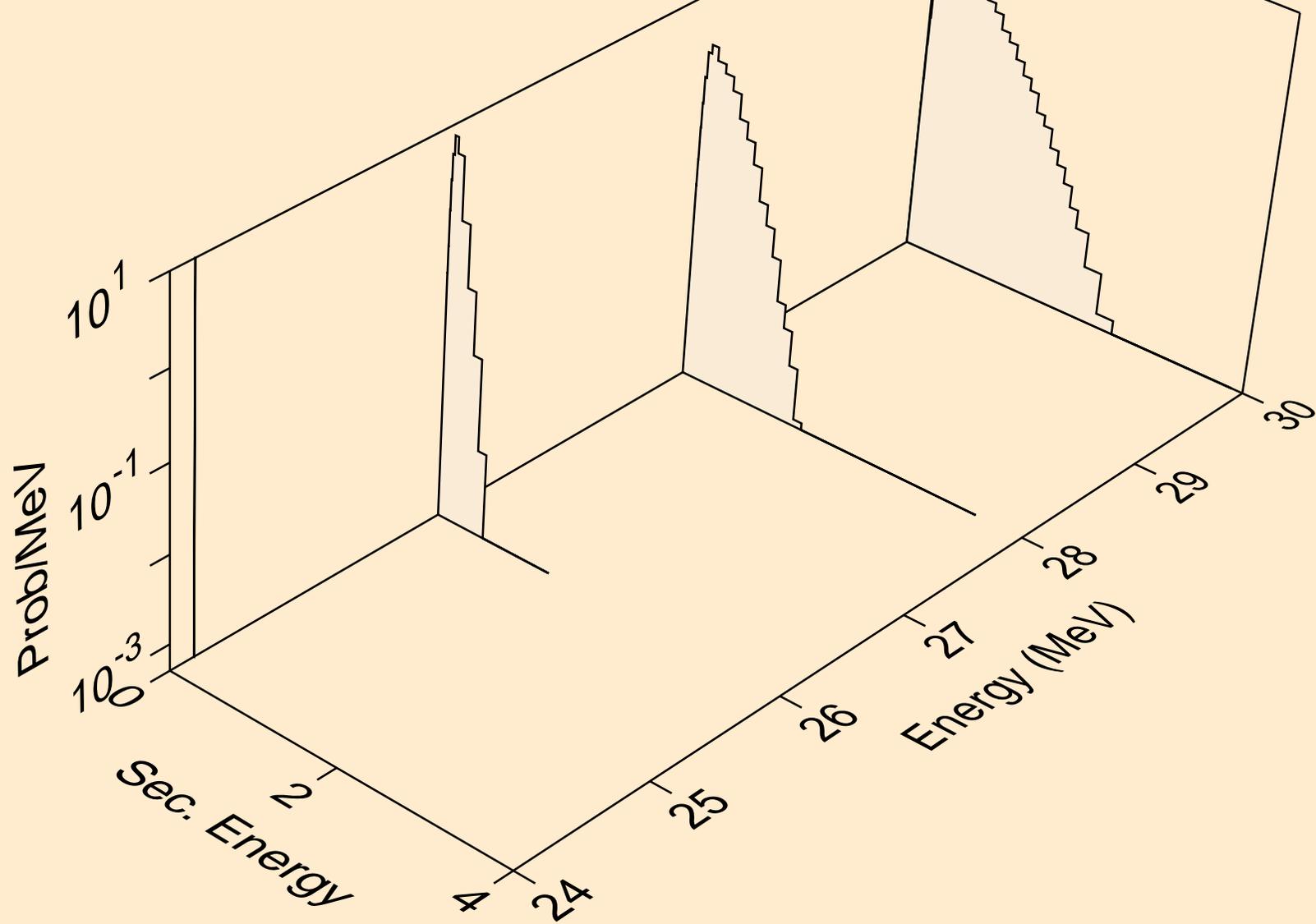
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neutrons from (a,n\*)d



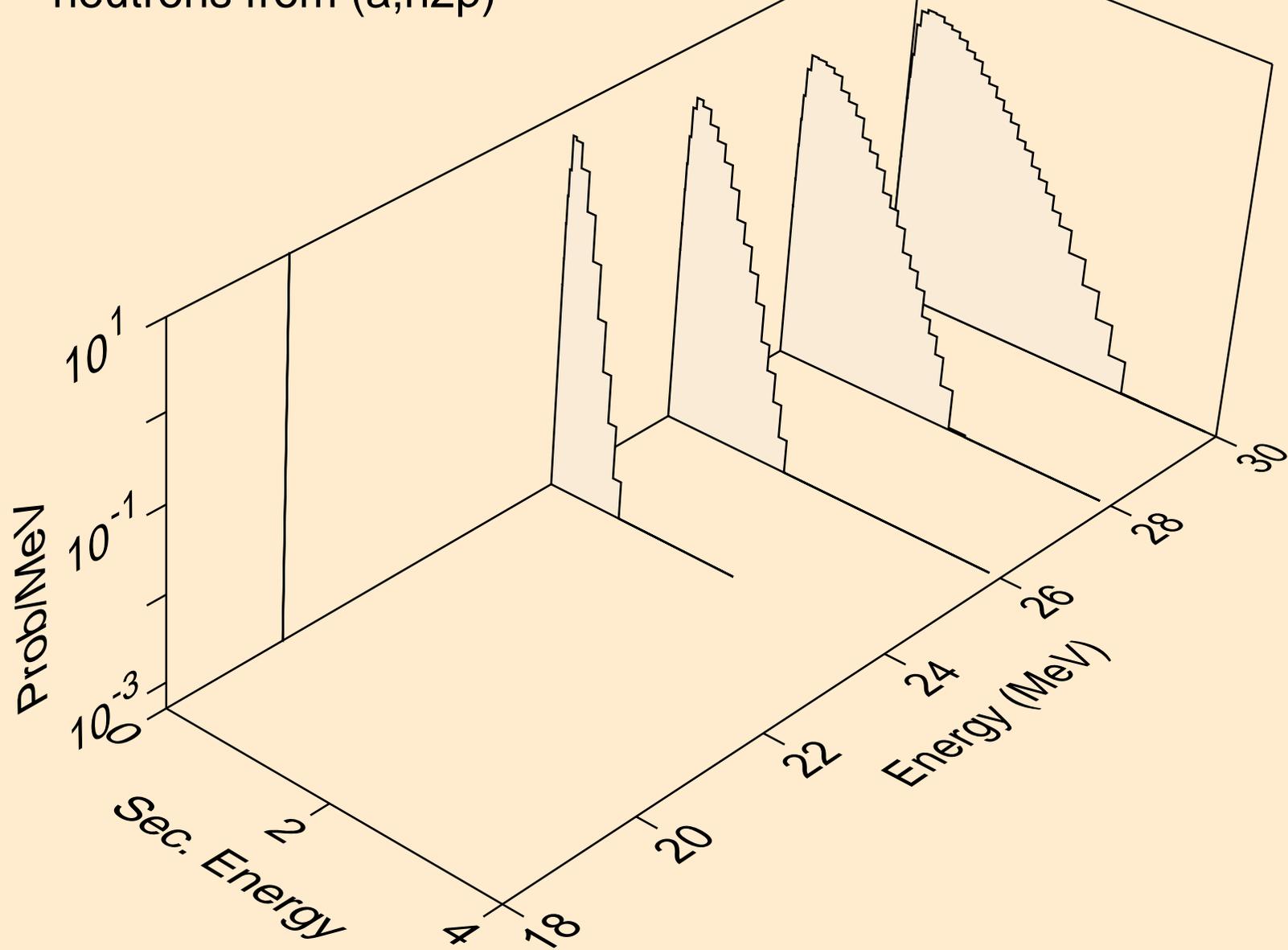
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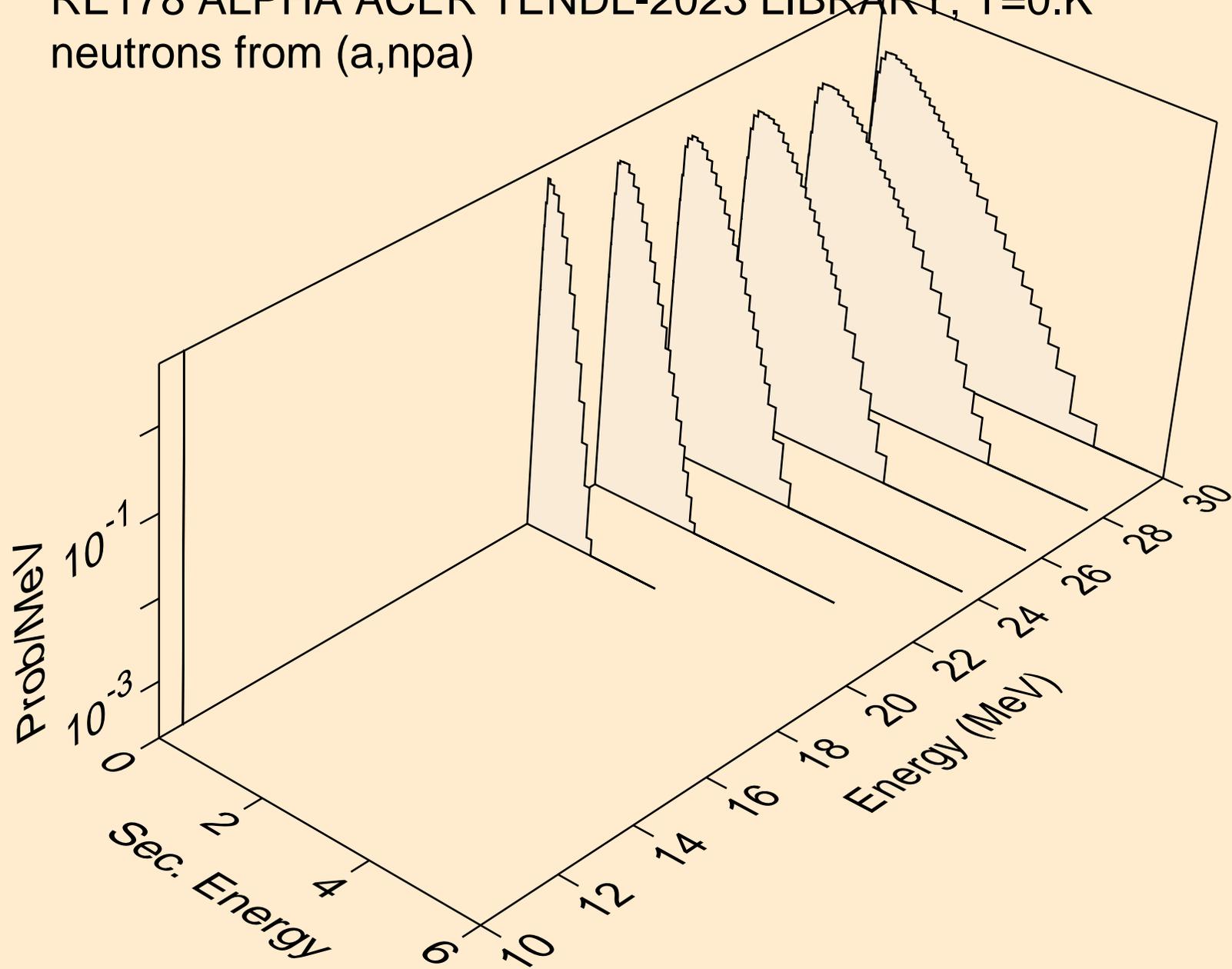
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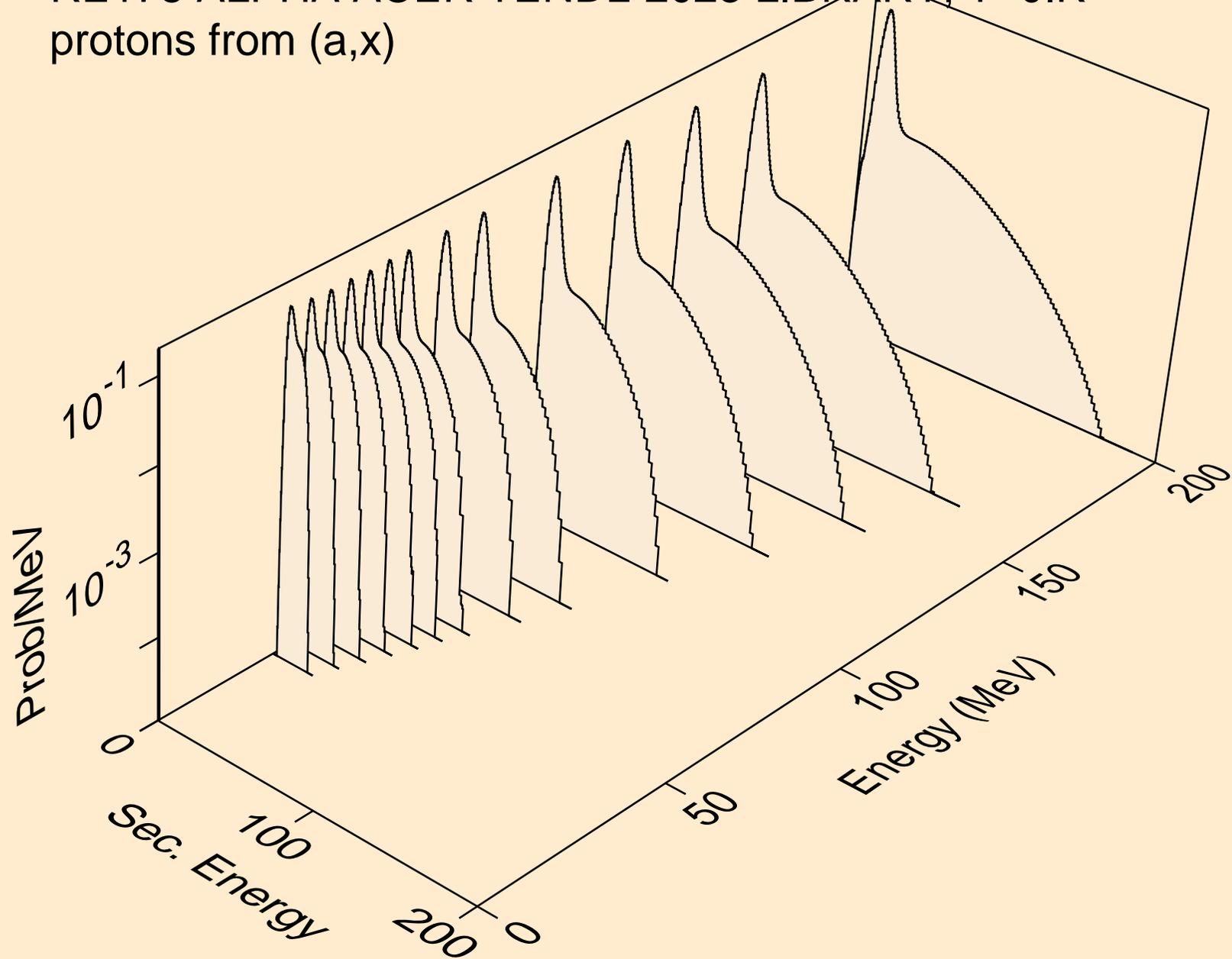
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neutrons from (a,n2p)



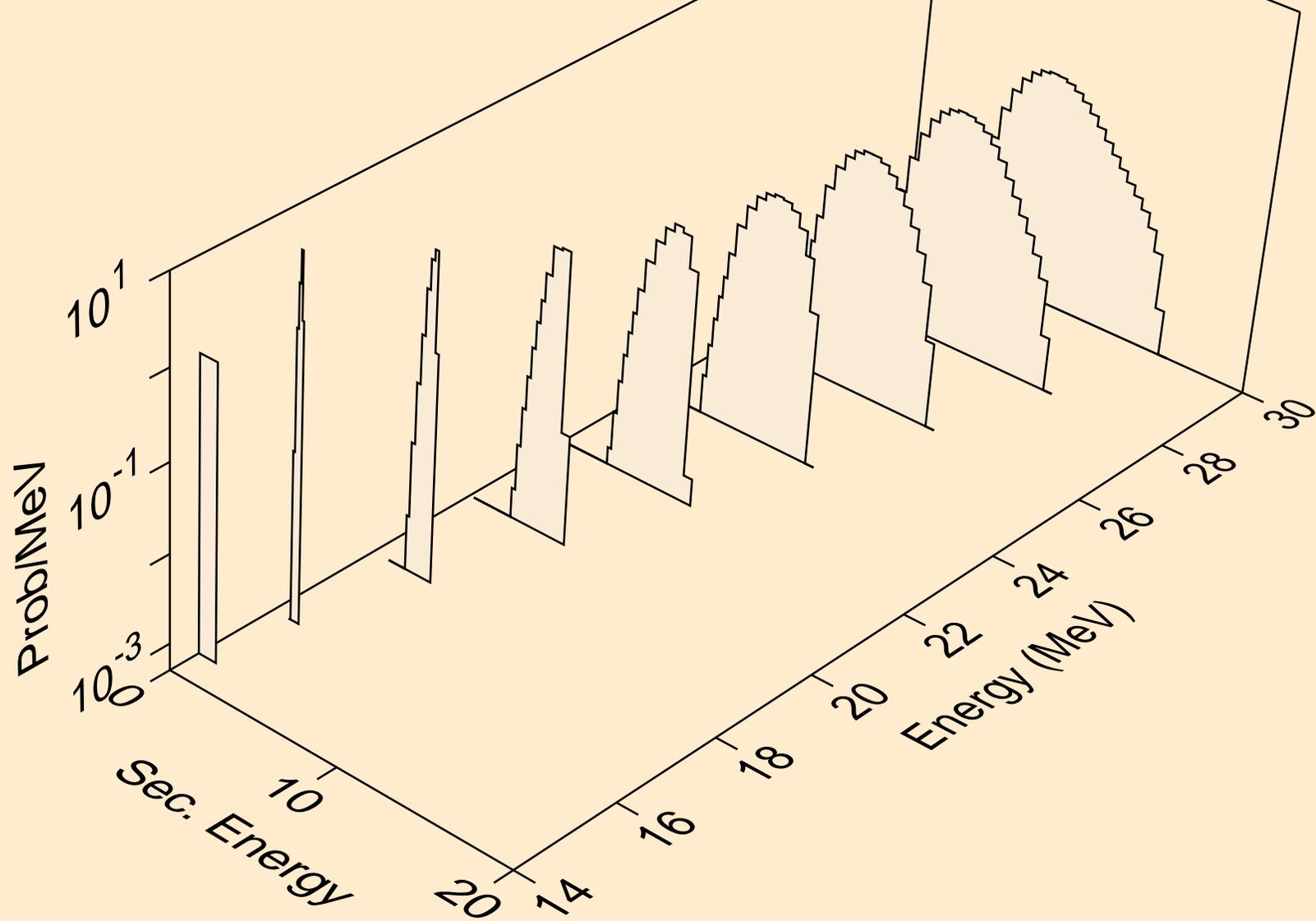
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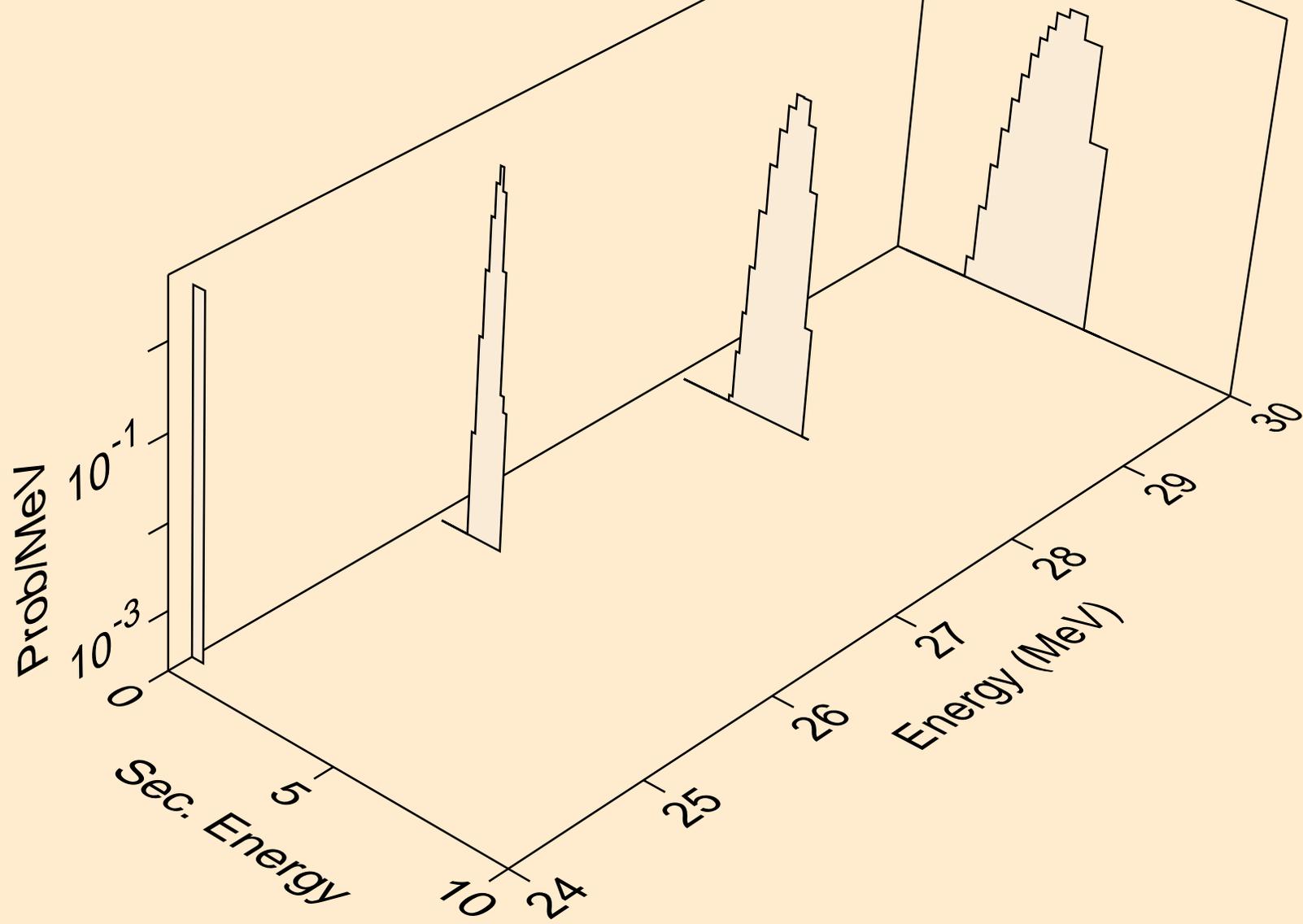
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protons from (a,x)



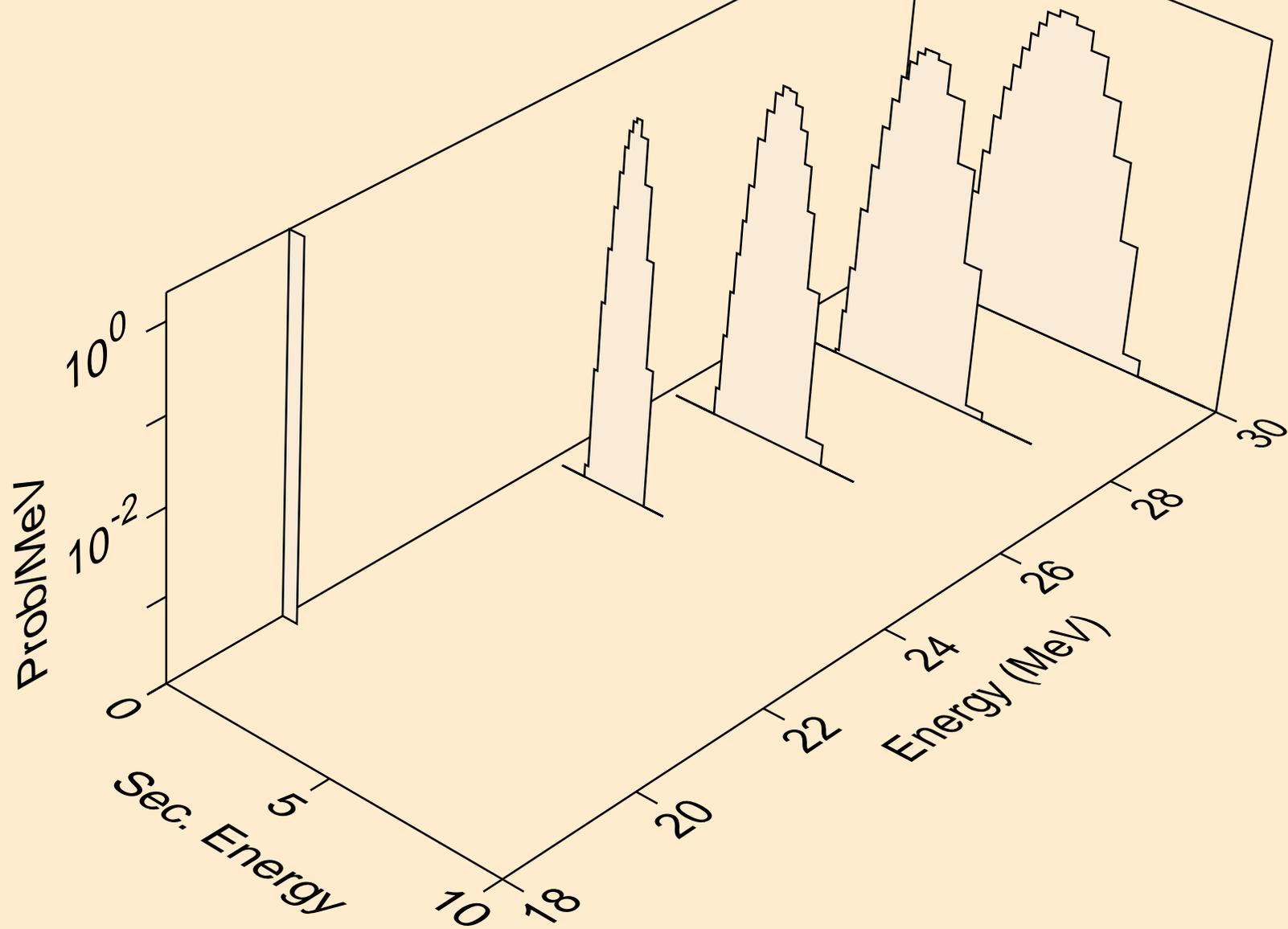
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protons from (a,n\*)p



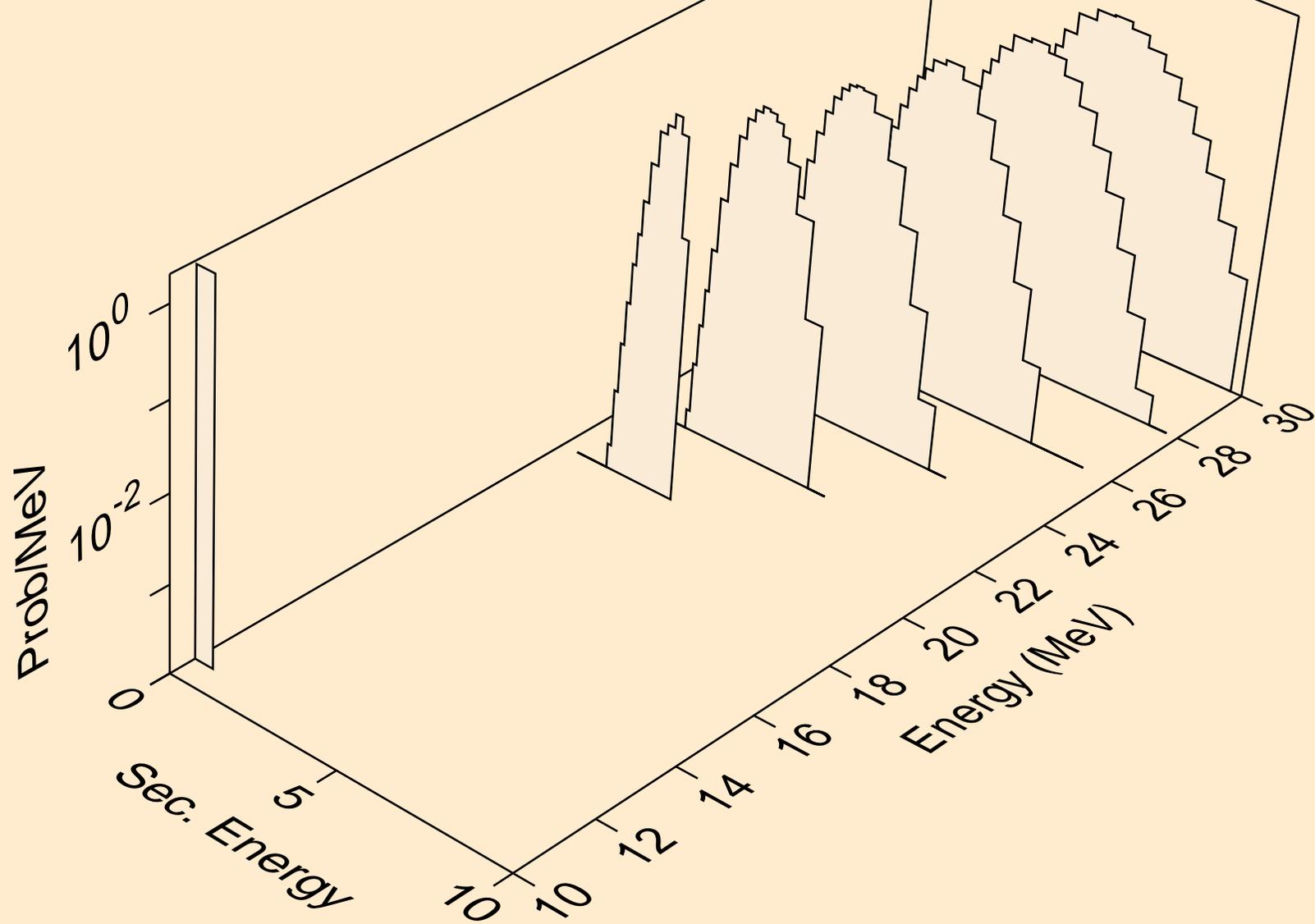
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protons from (a,2np)



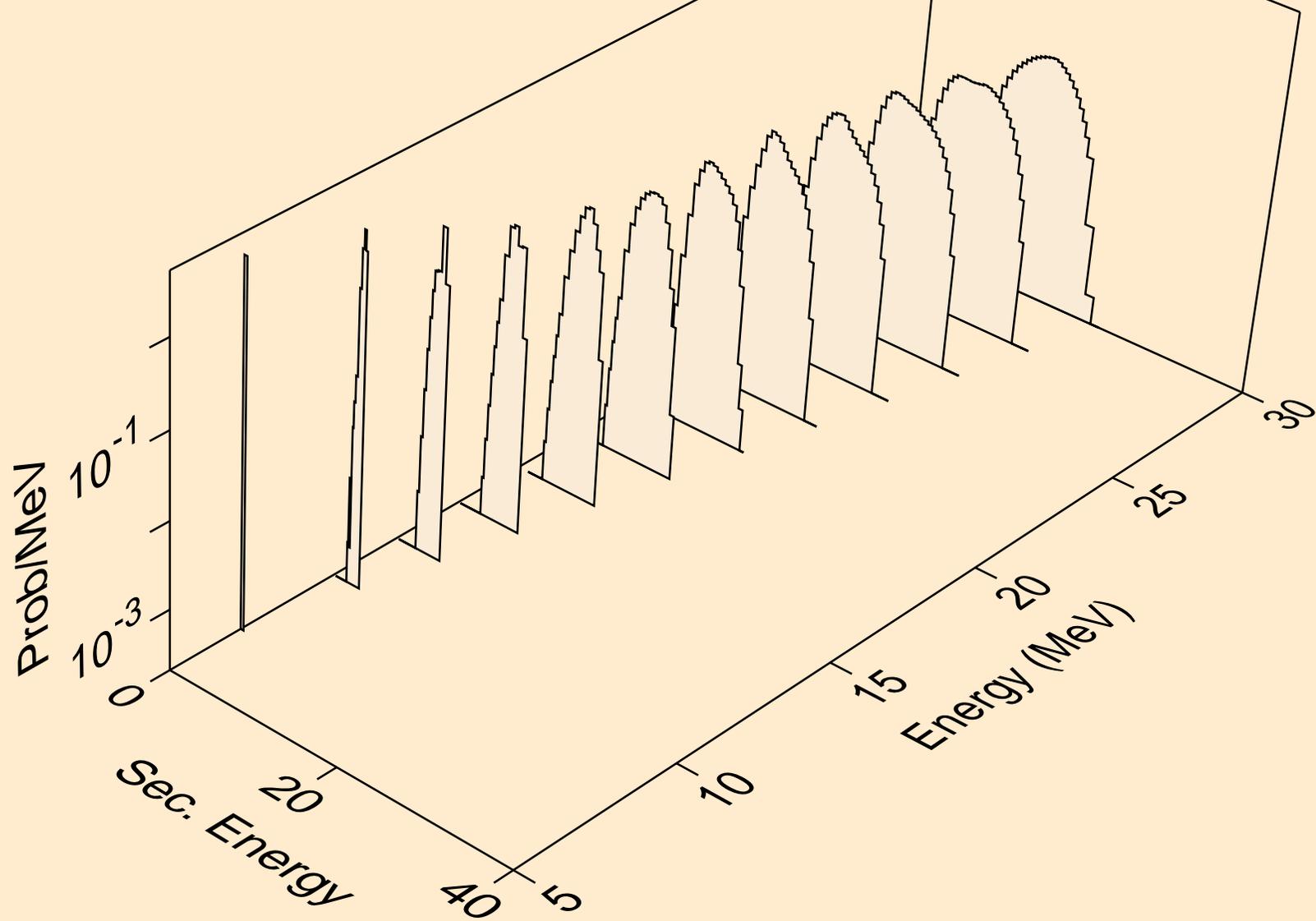
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protons from (a,n2p)



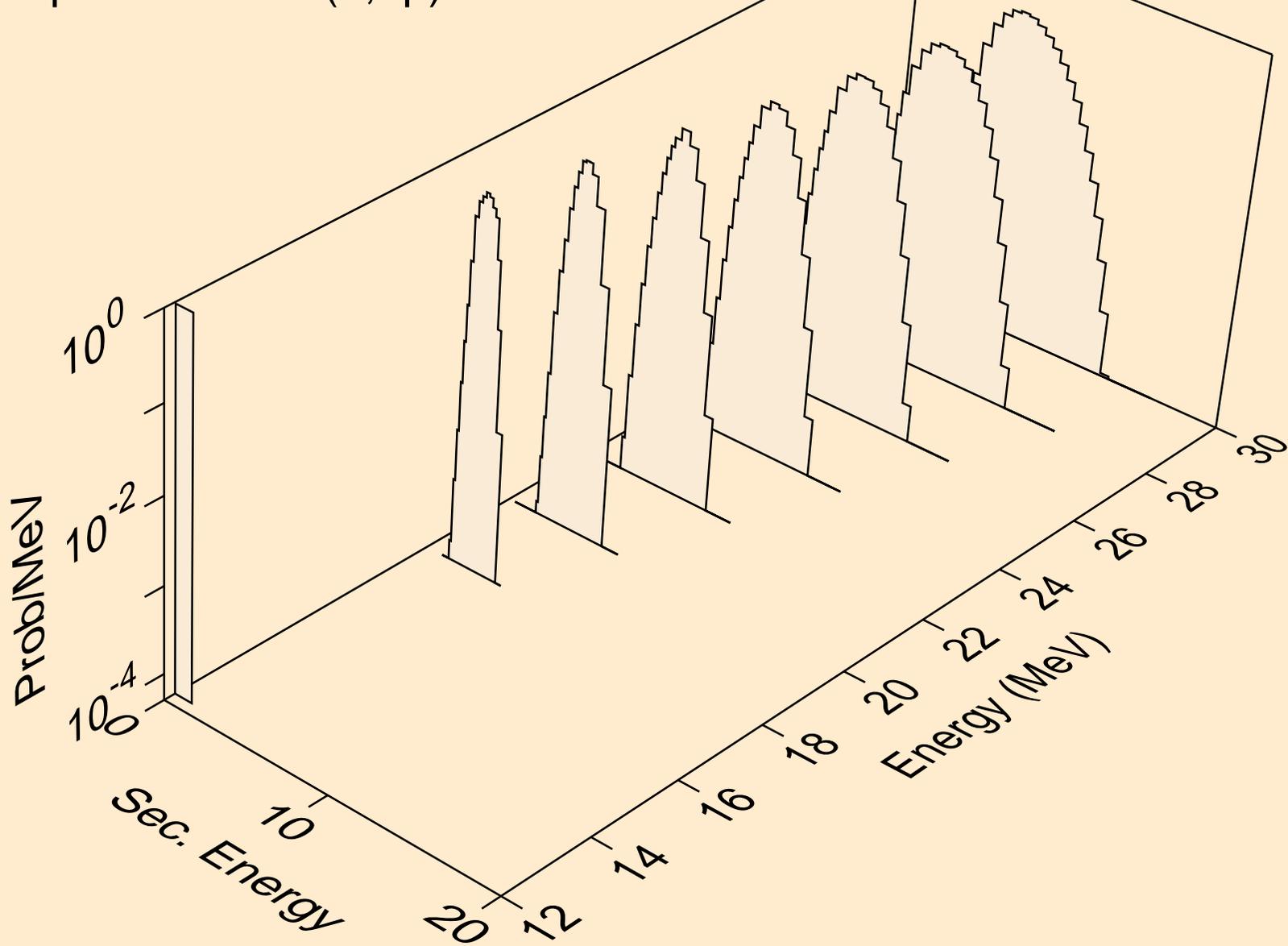
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protons from (a,npa)



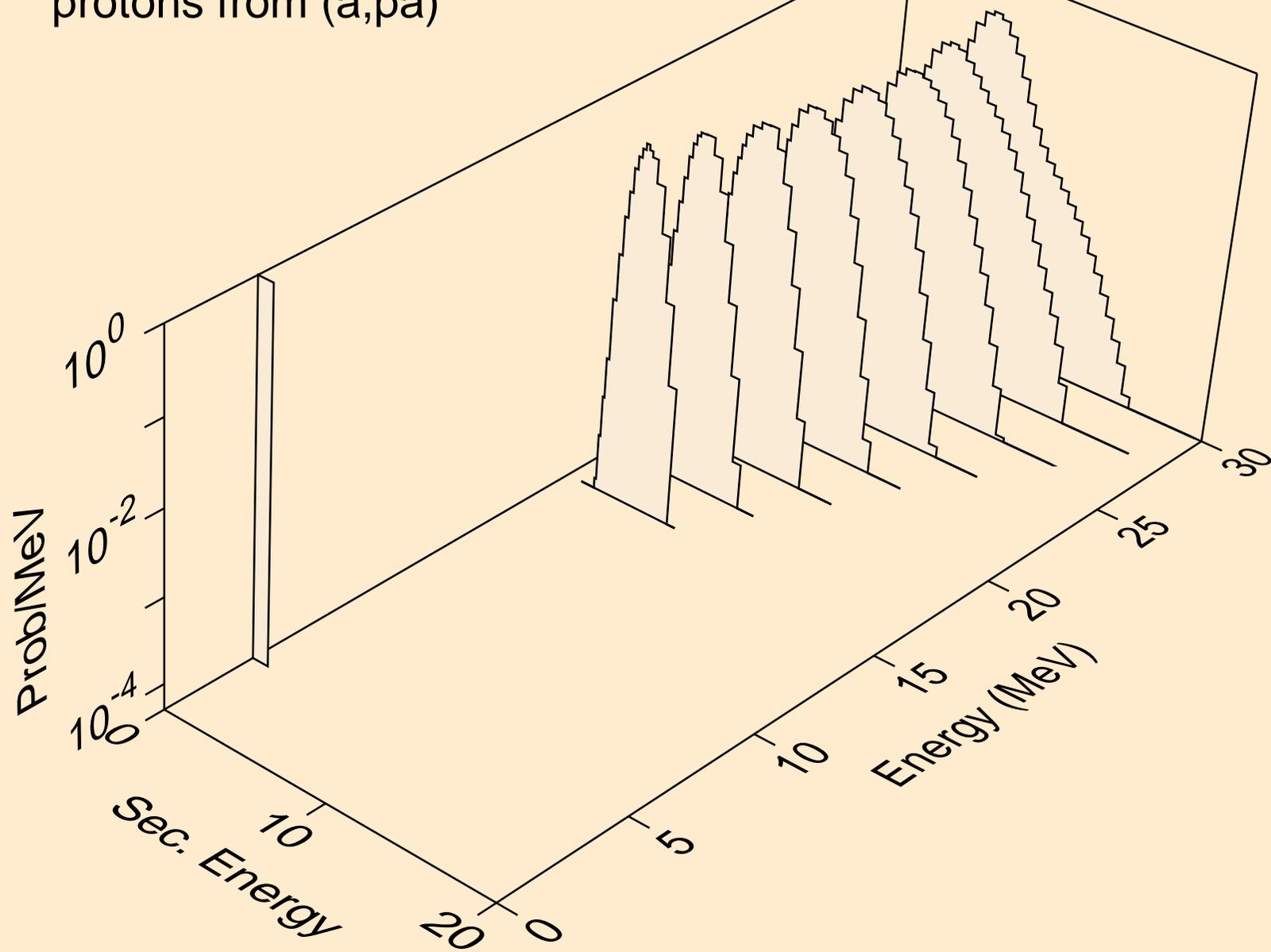
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protons from (a,p)



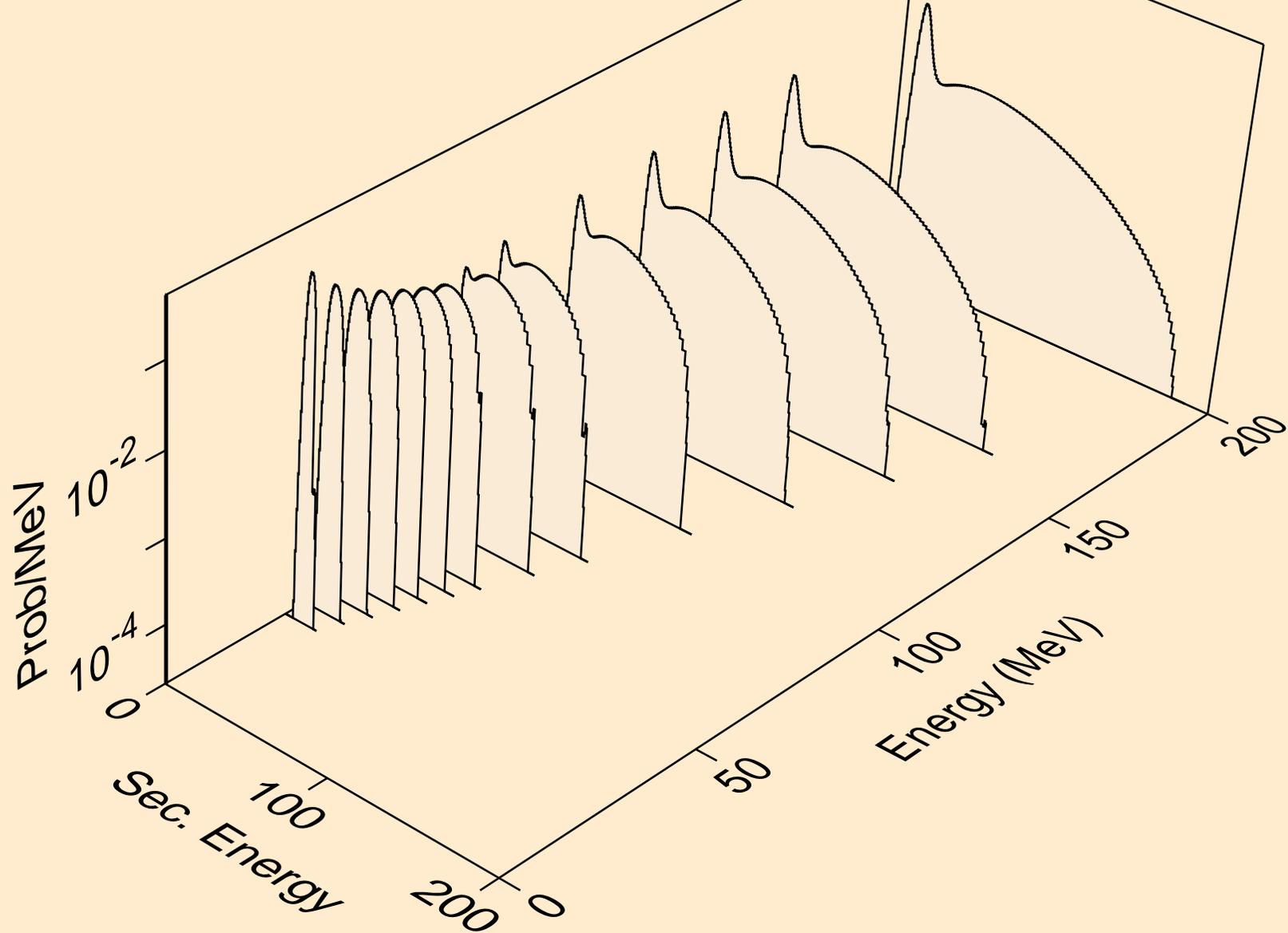
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protons from (a,2p)



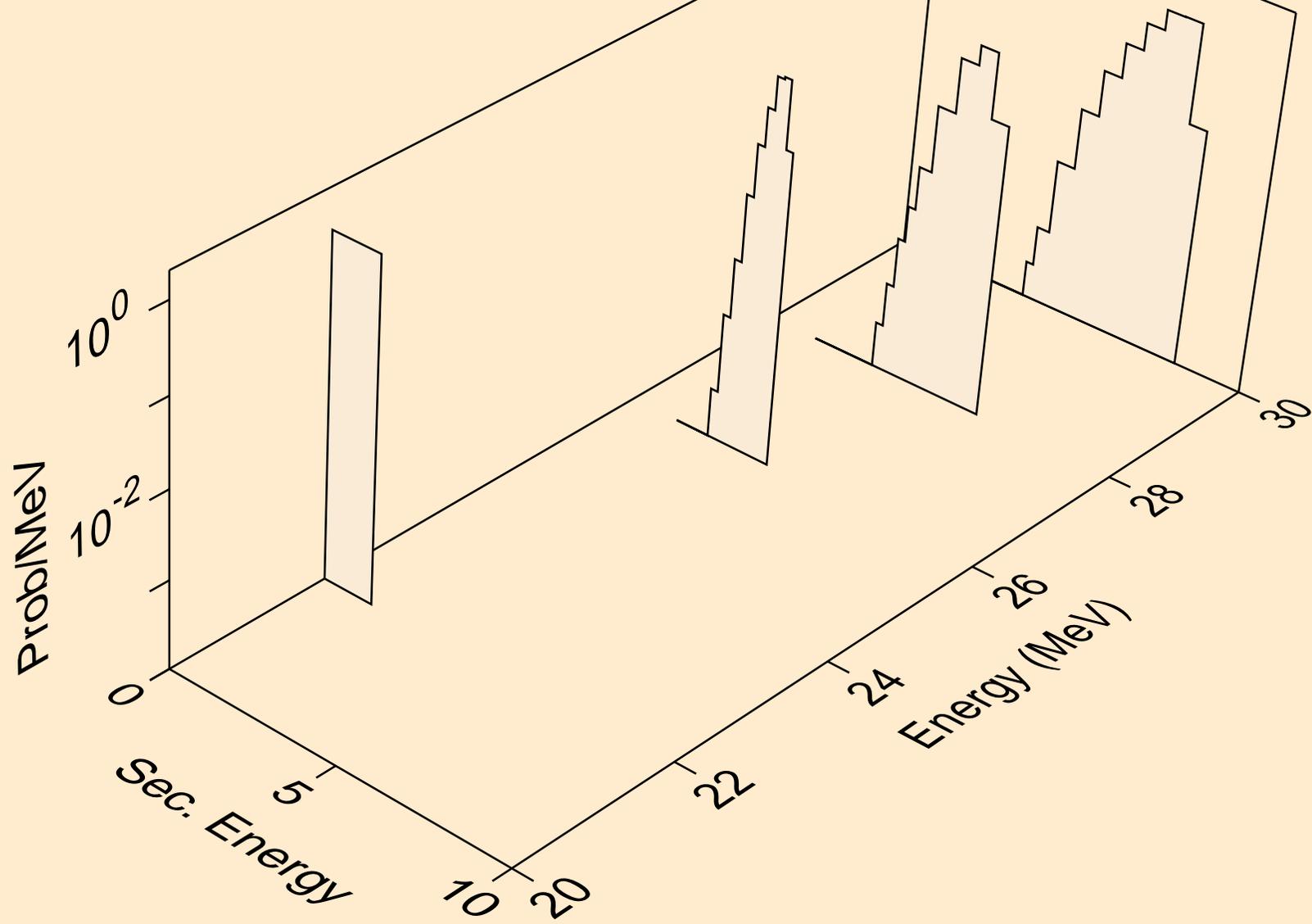
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protons from (a,pa)



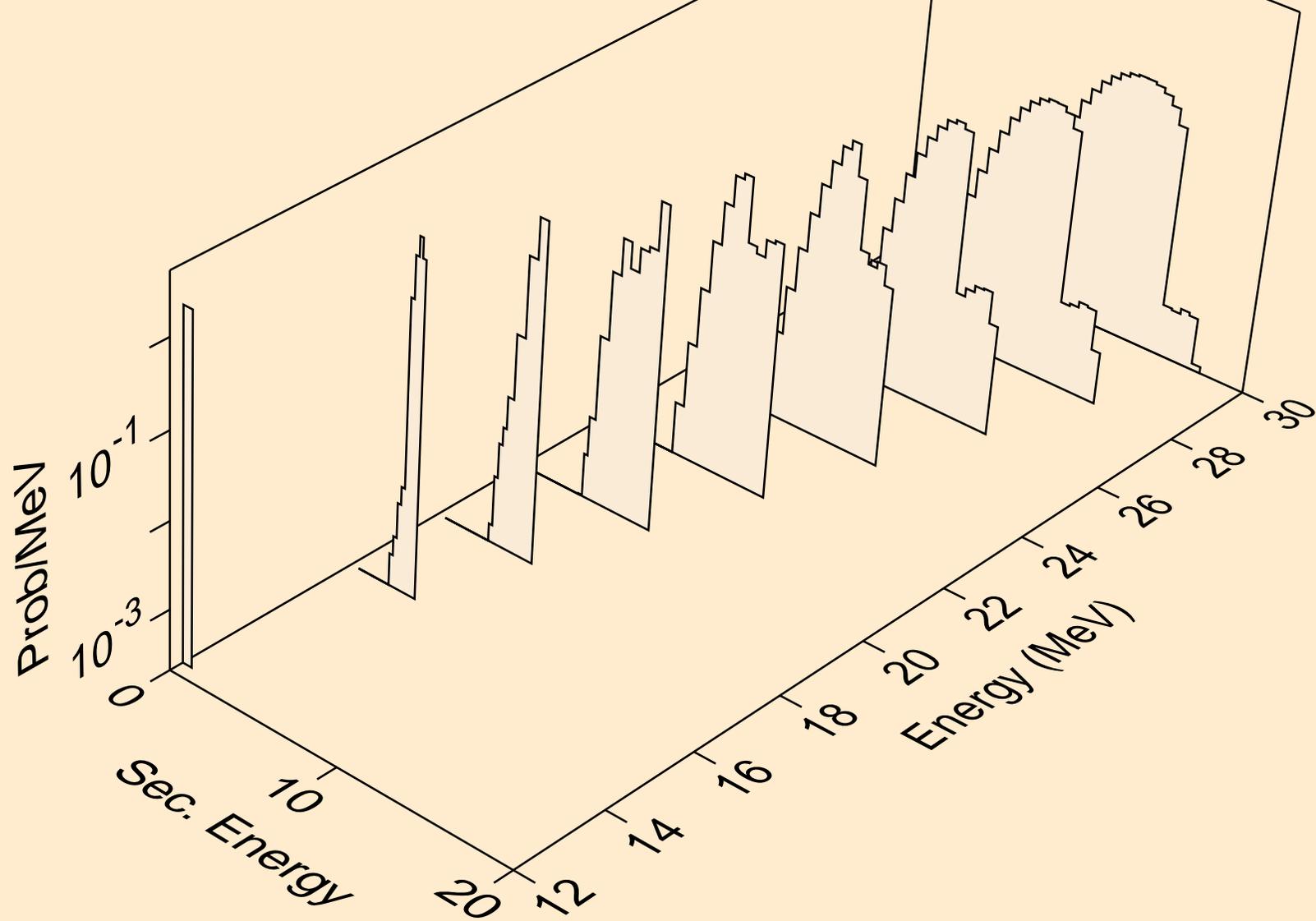
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



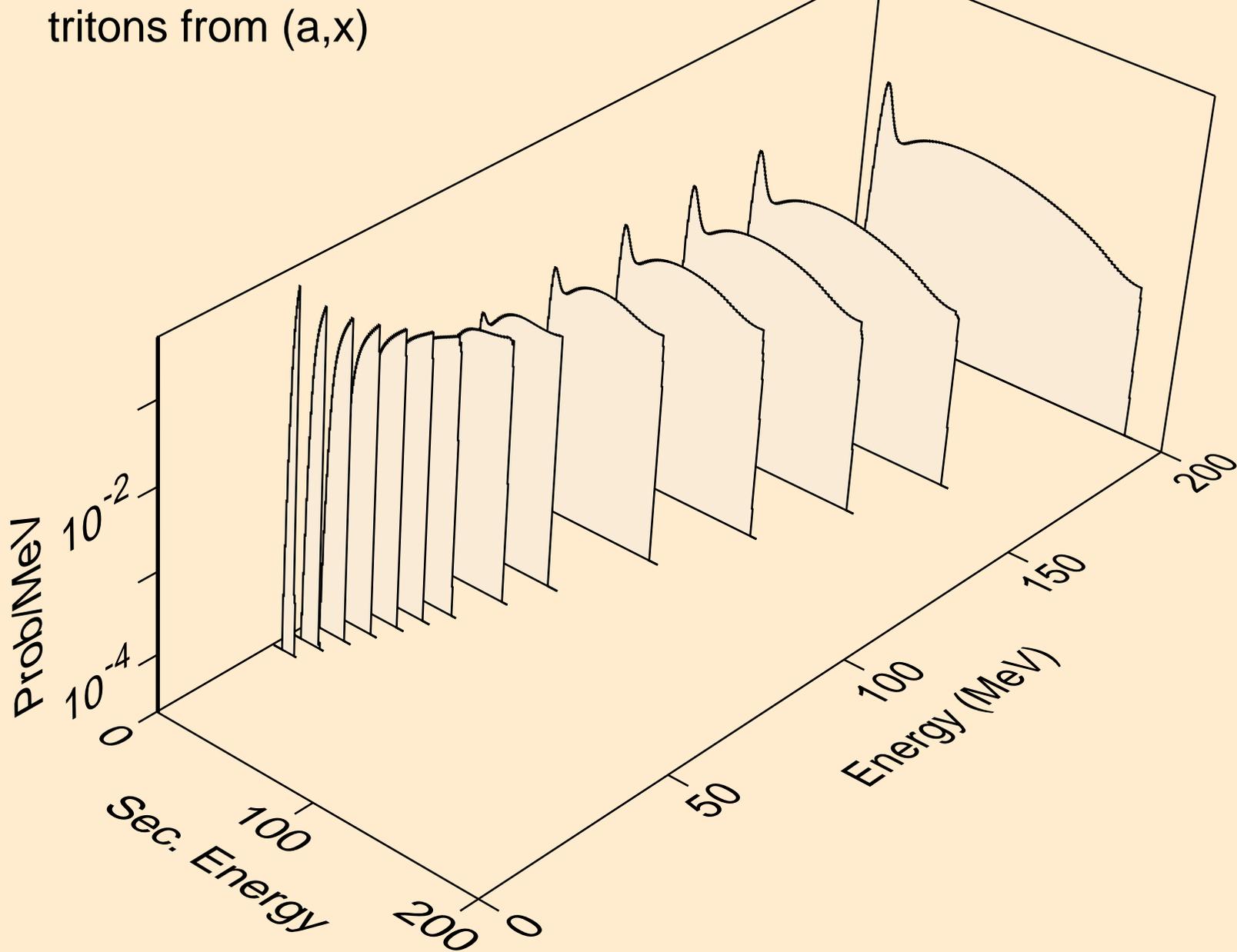
RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

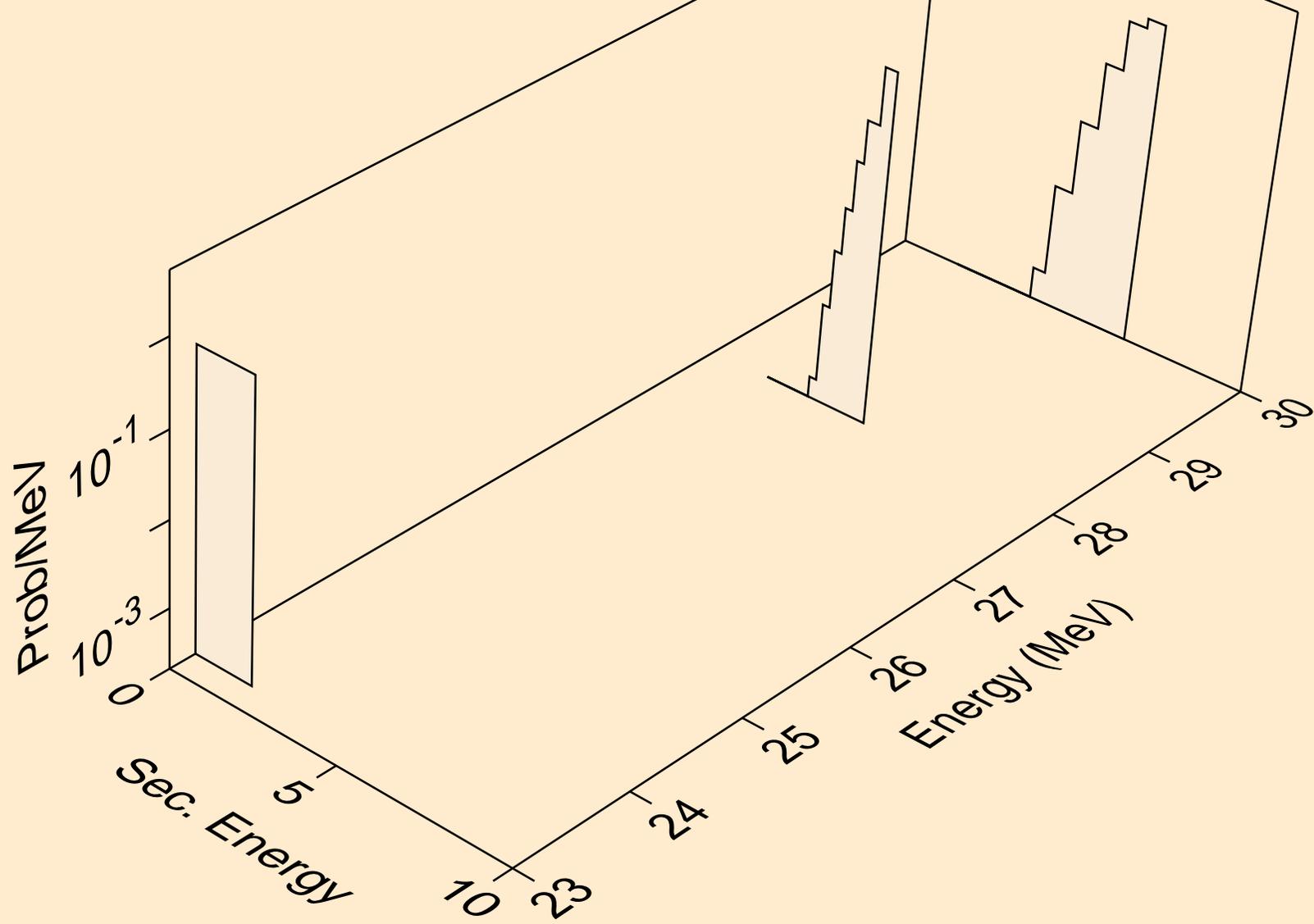


RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

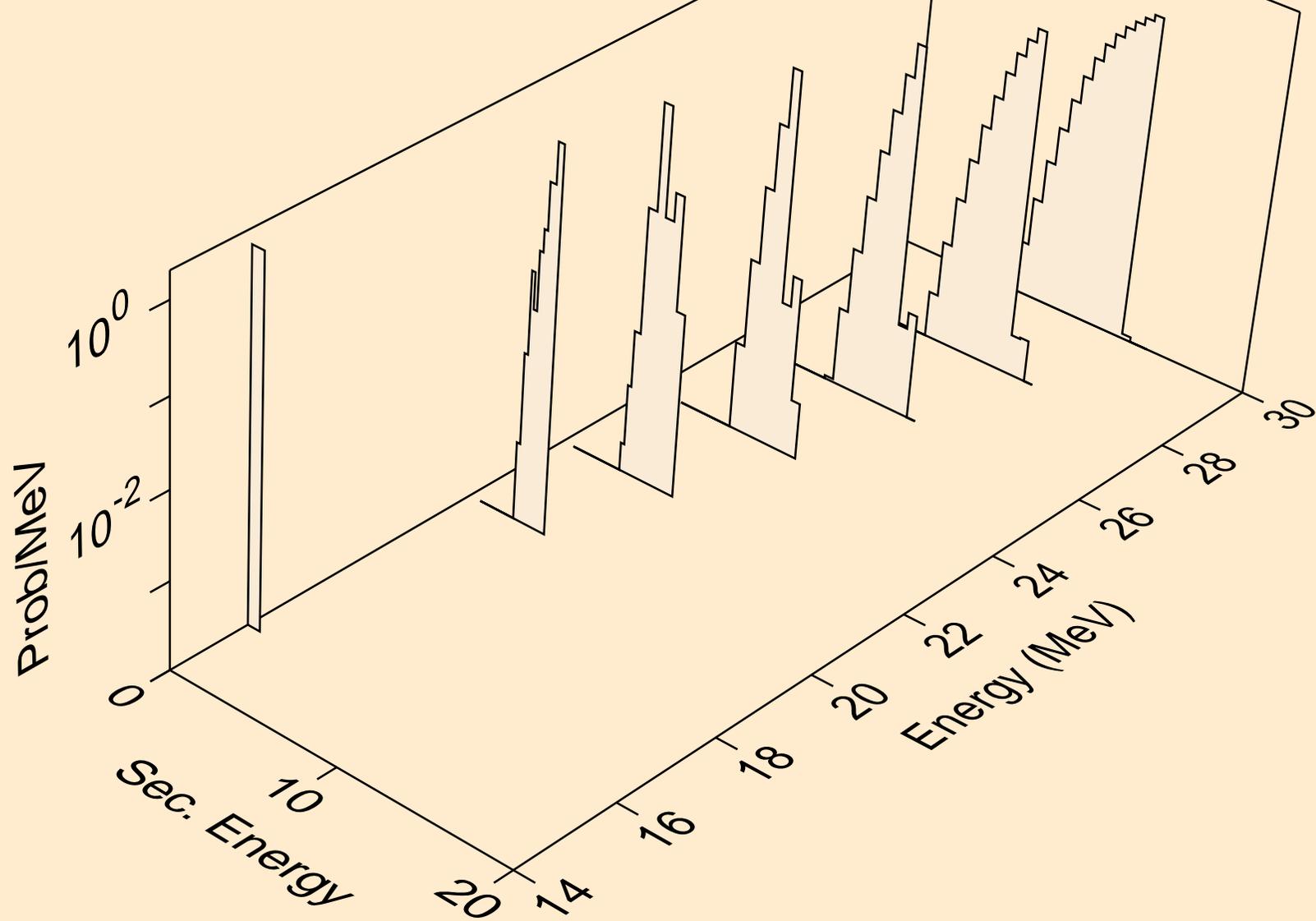


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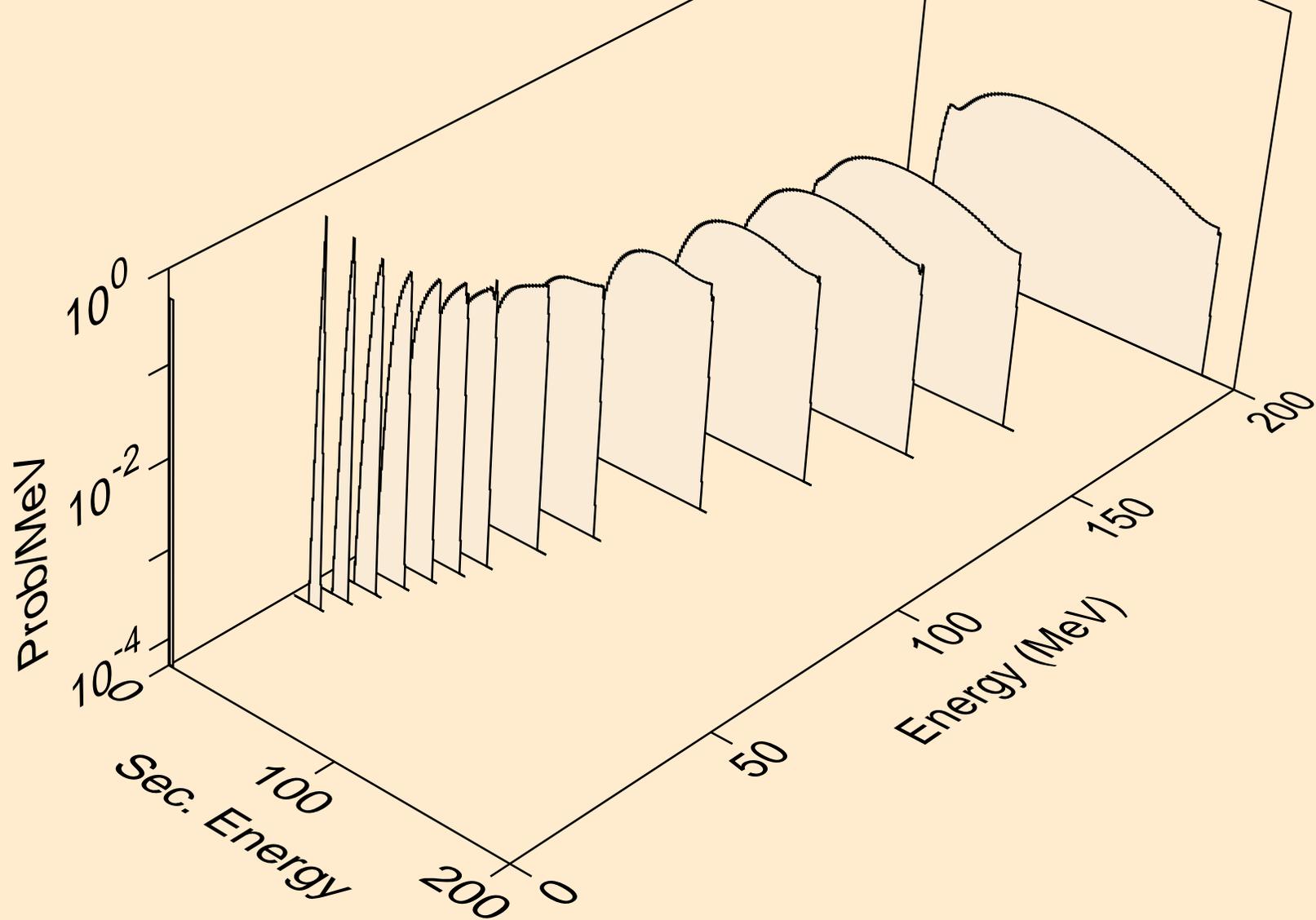
tritons from (a,n\*)t



RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



RE178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

