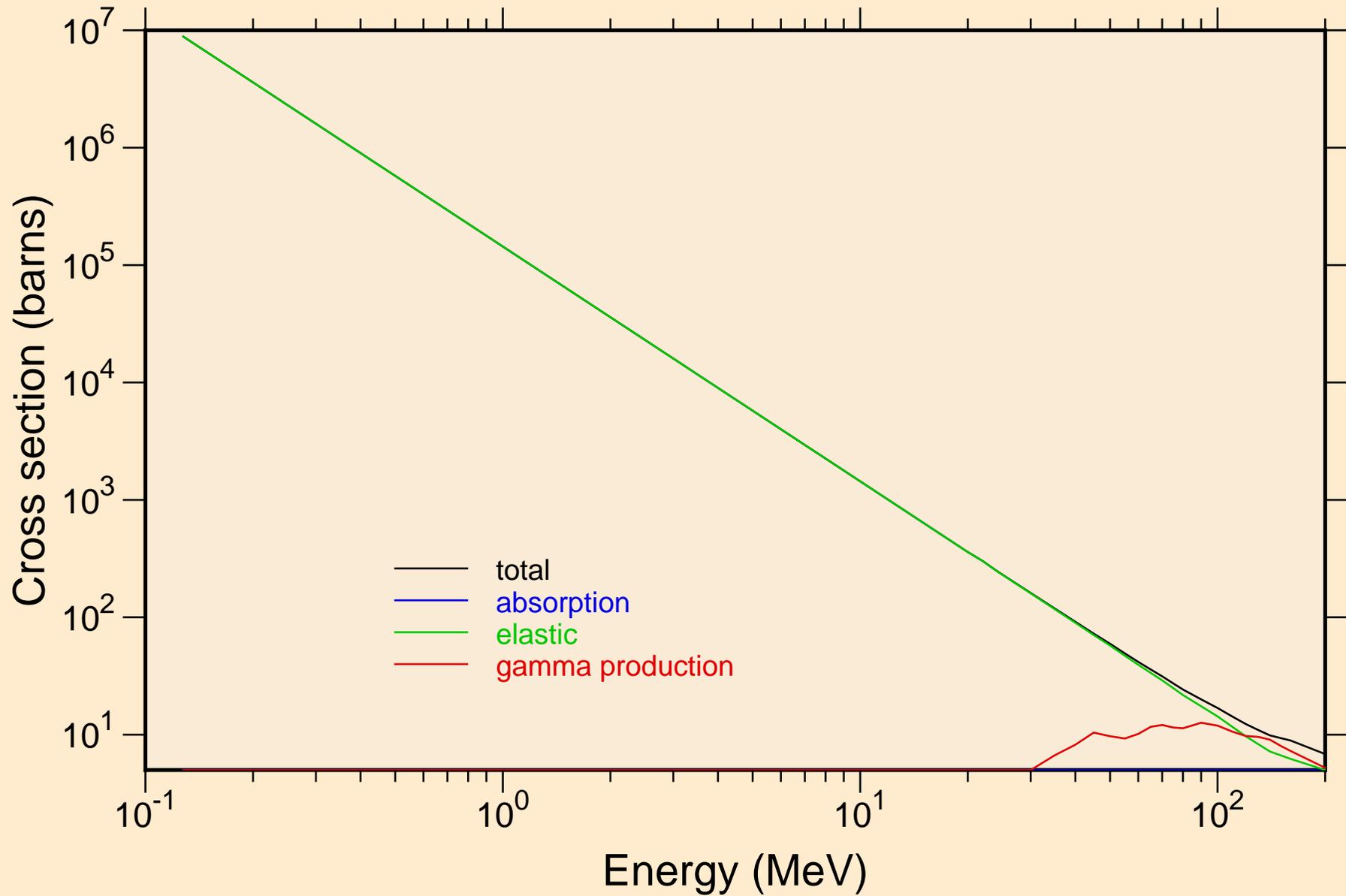
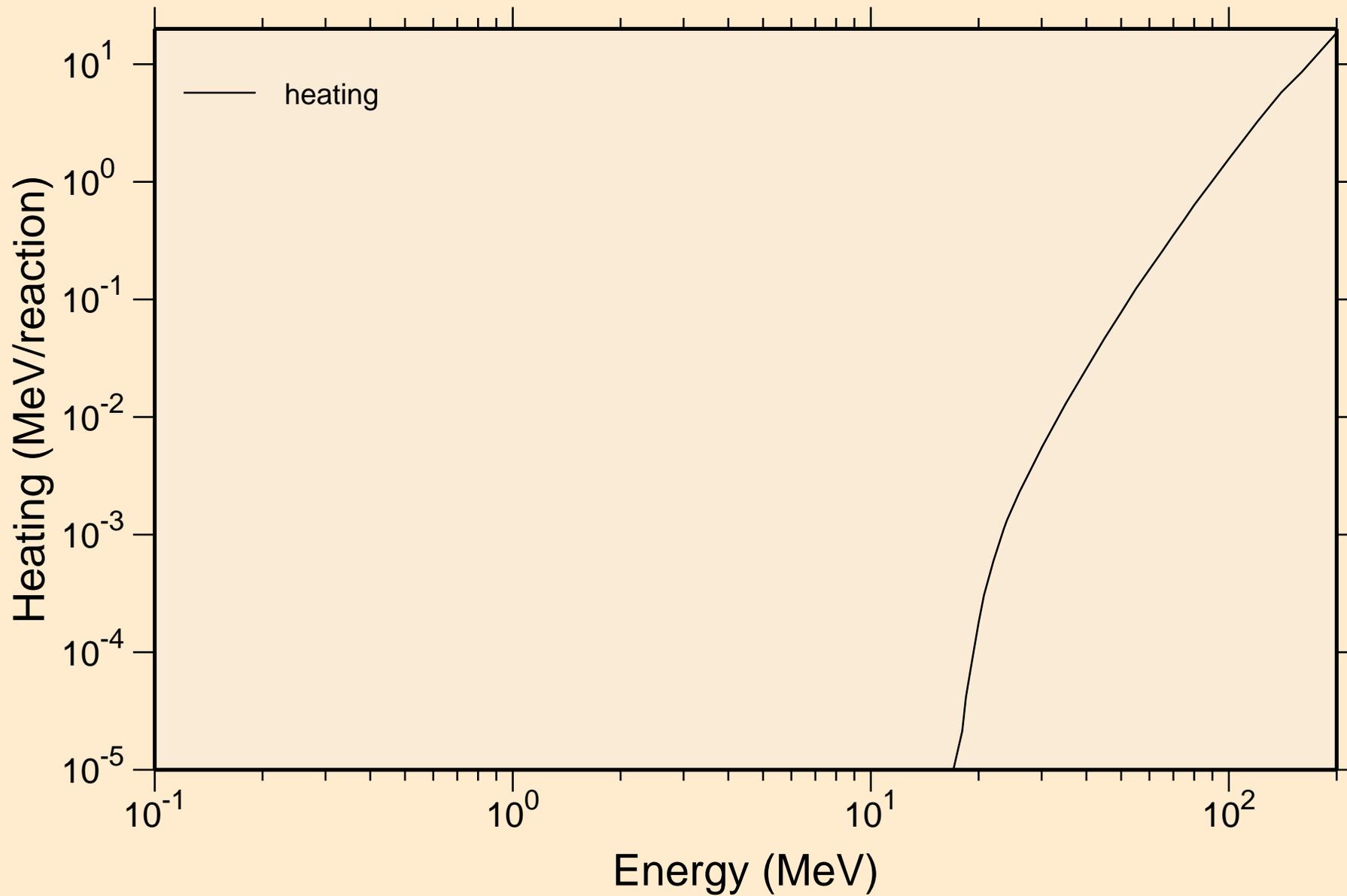


RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

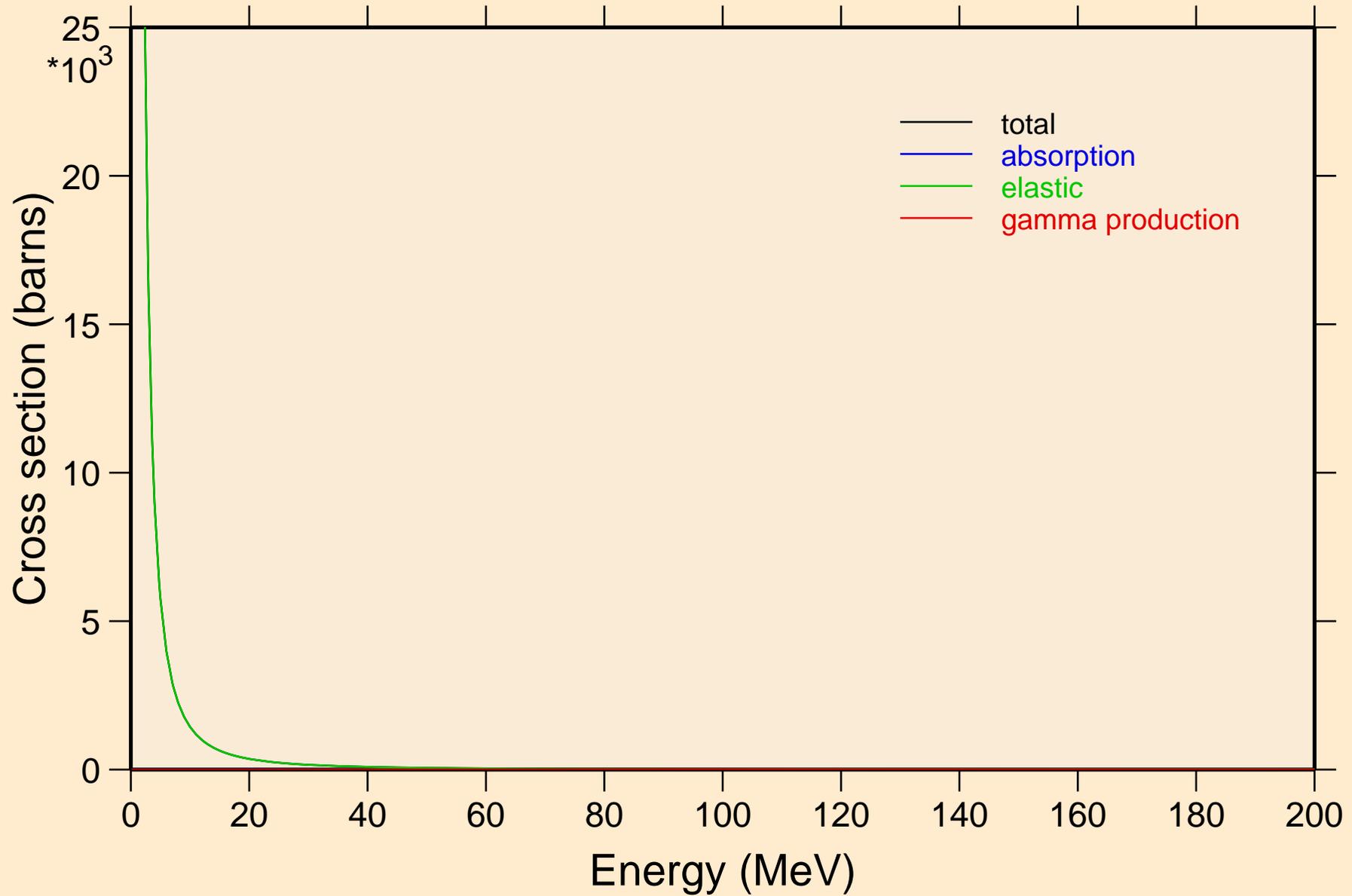


RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Heating



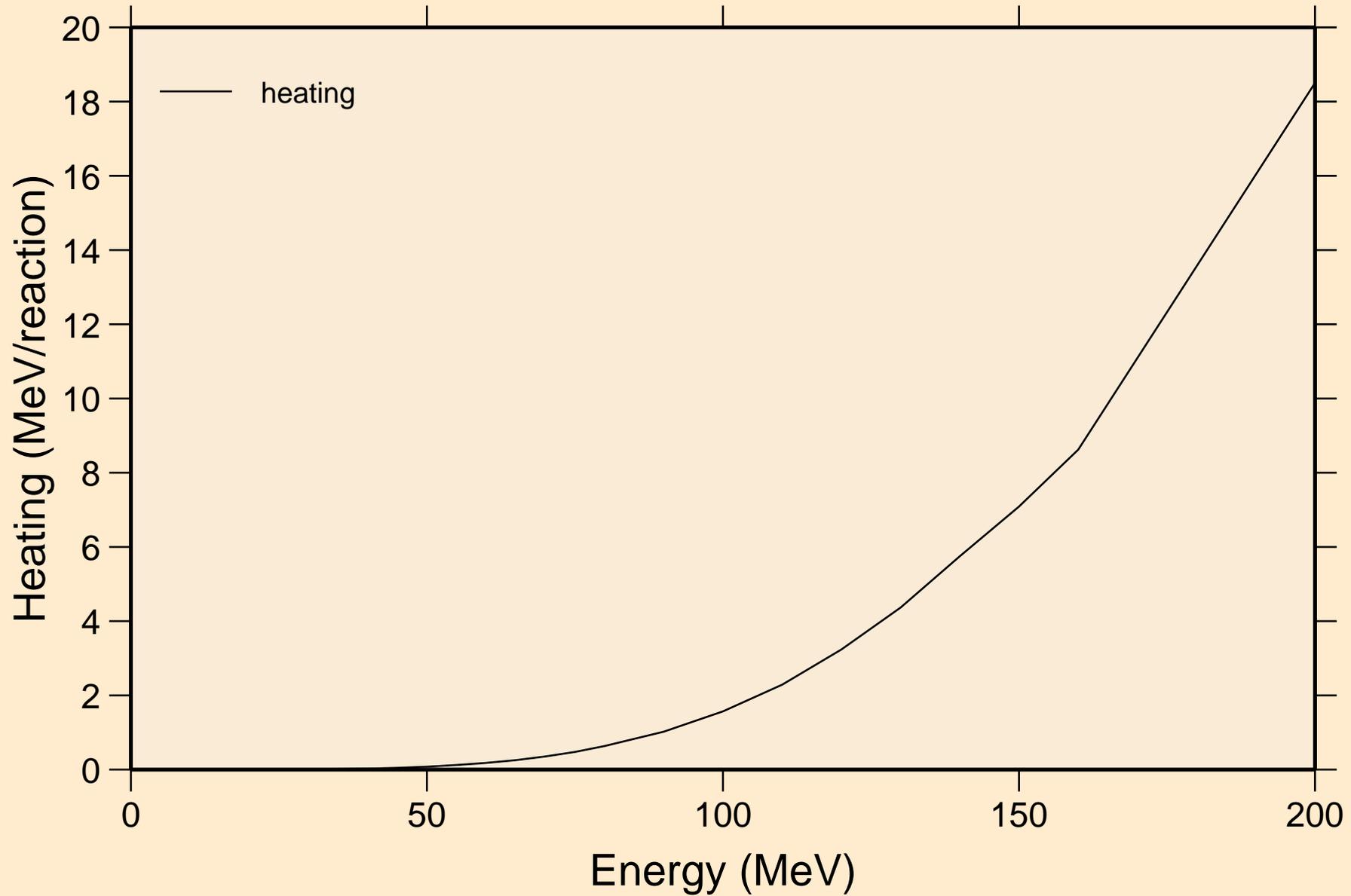
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## Principal cross sections

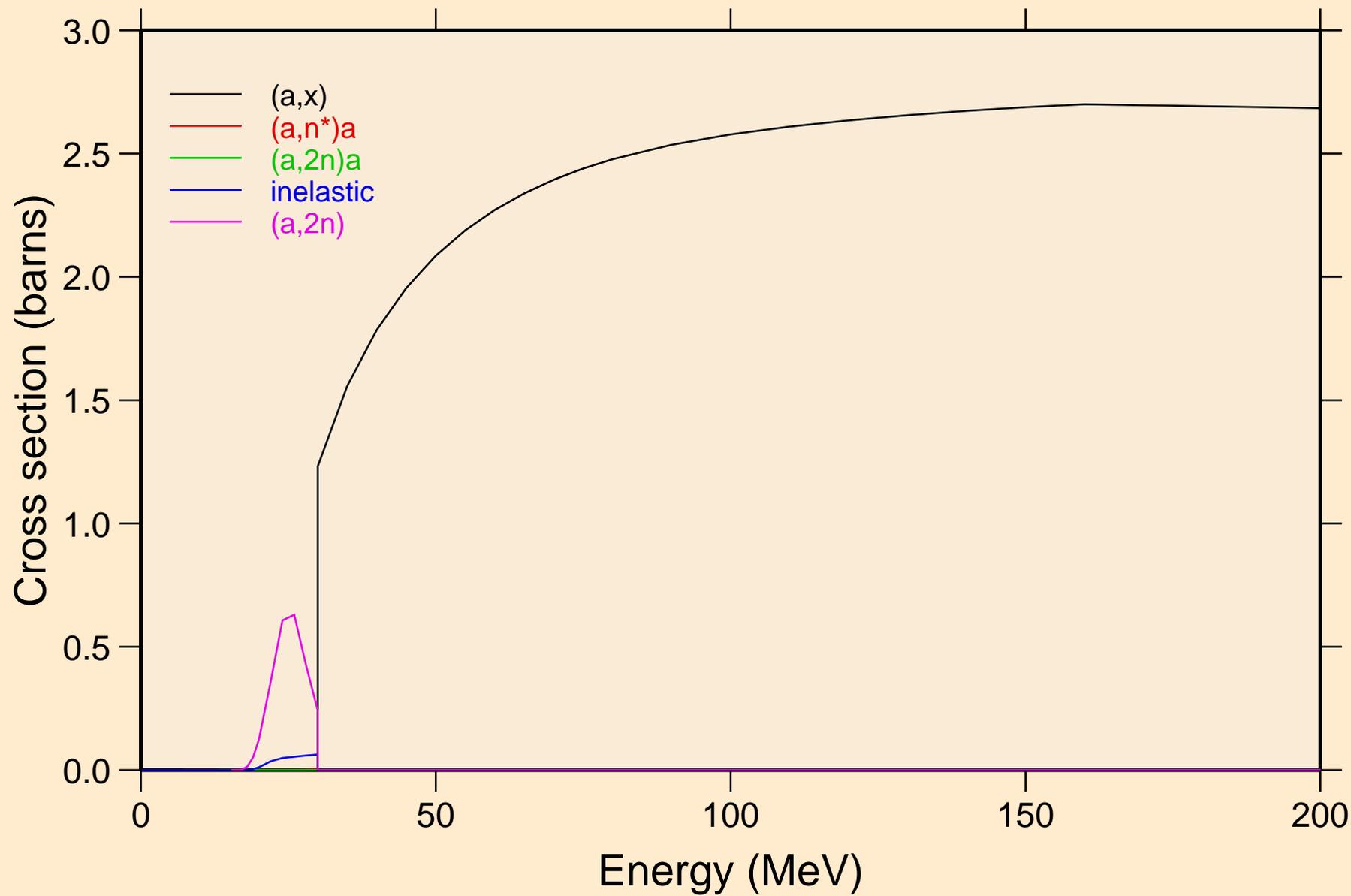


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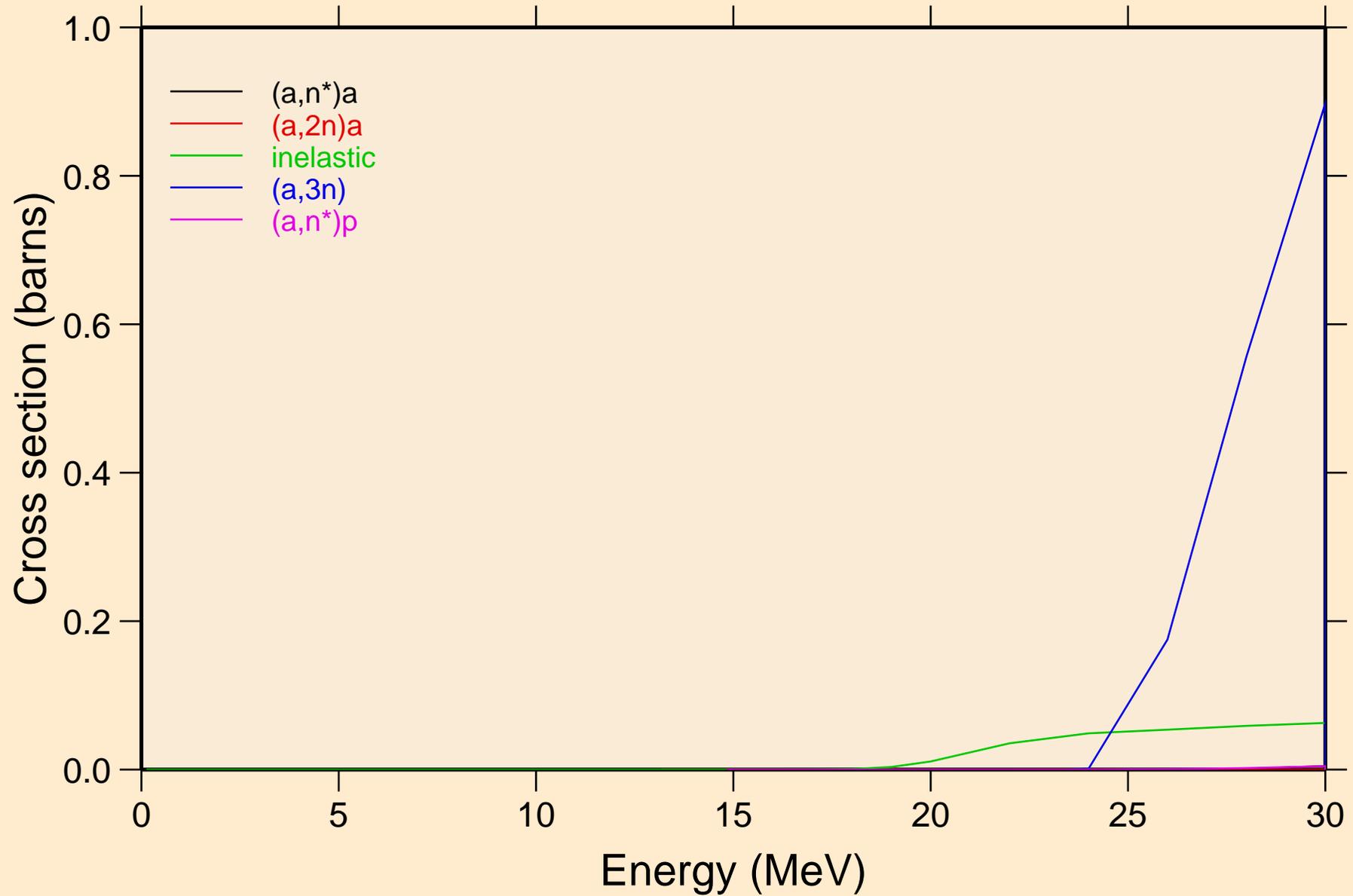
Heating



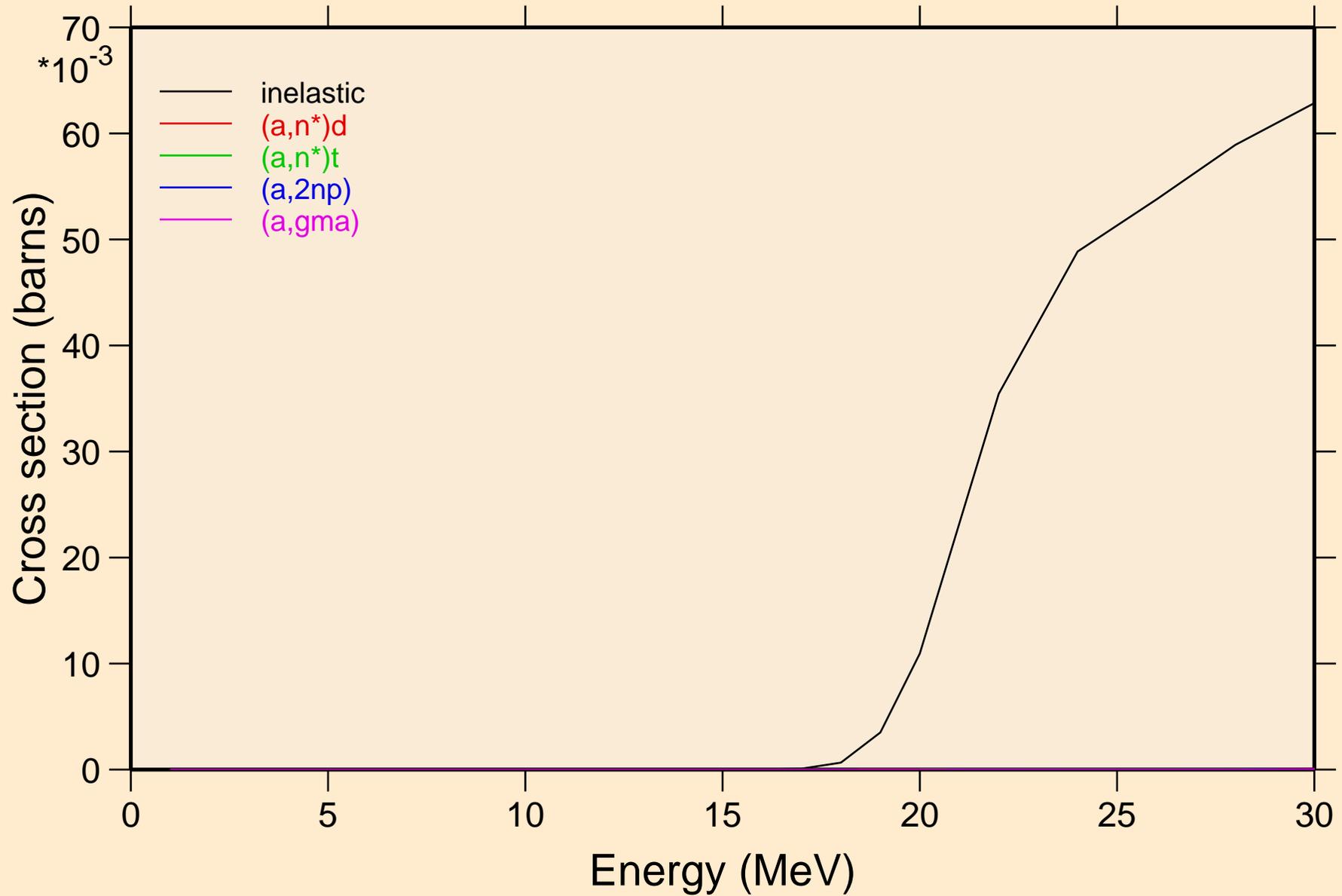
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Threshold reactions



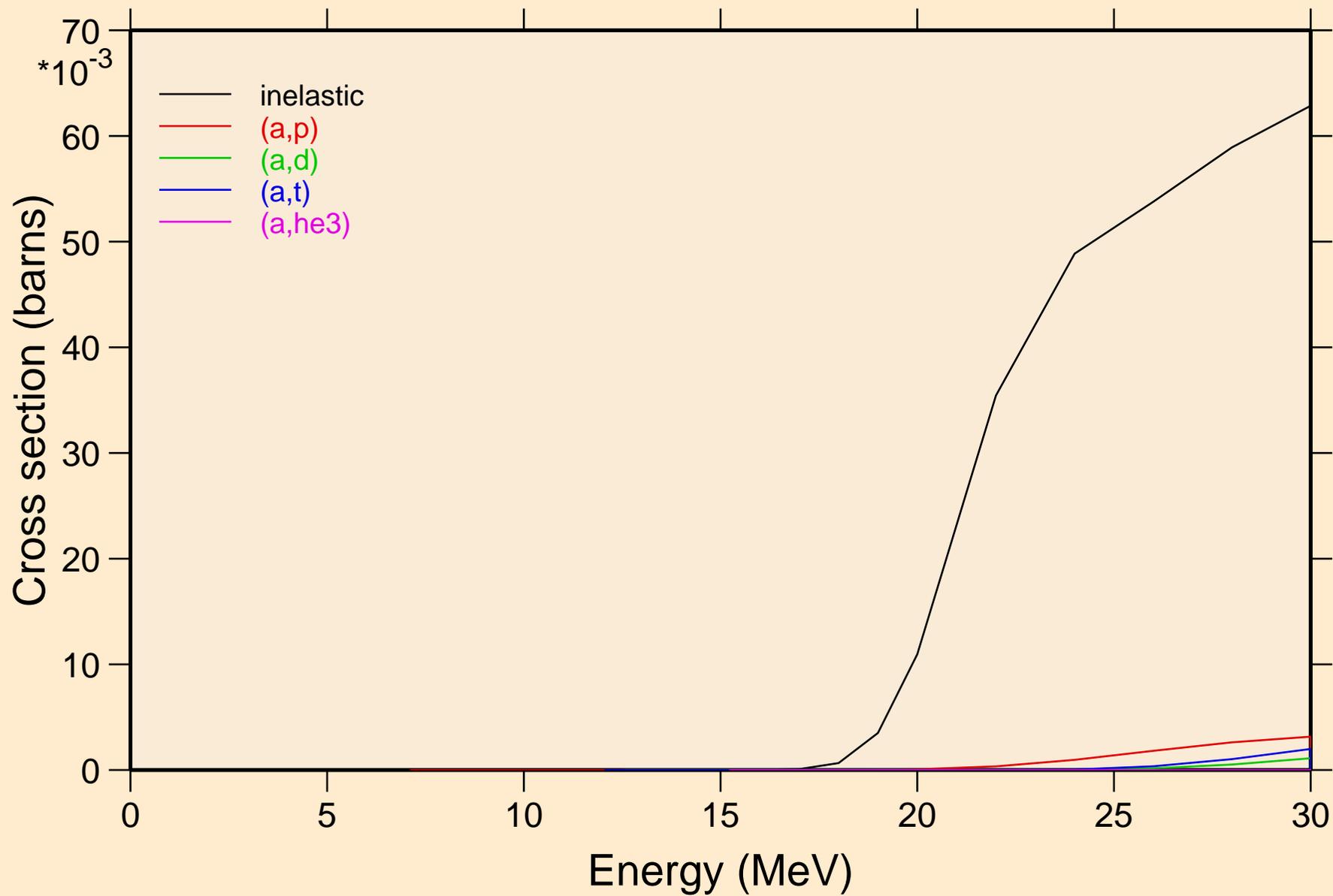
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Threshold reactions



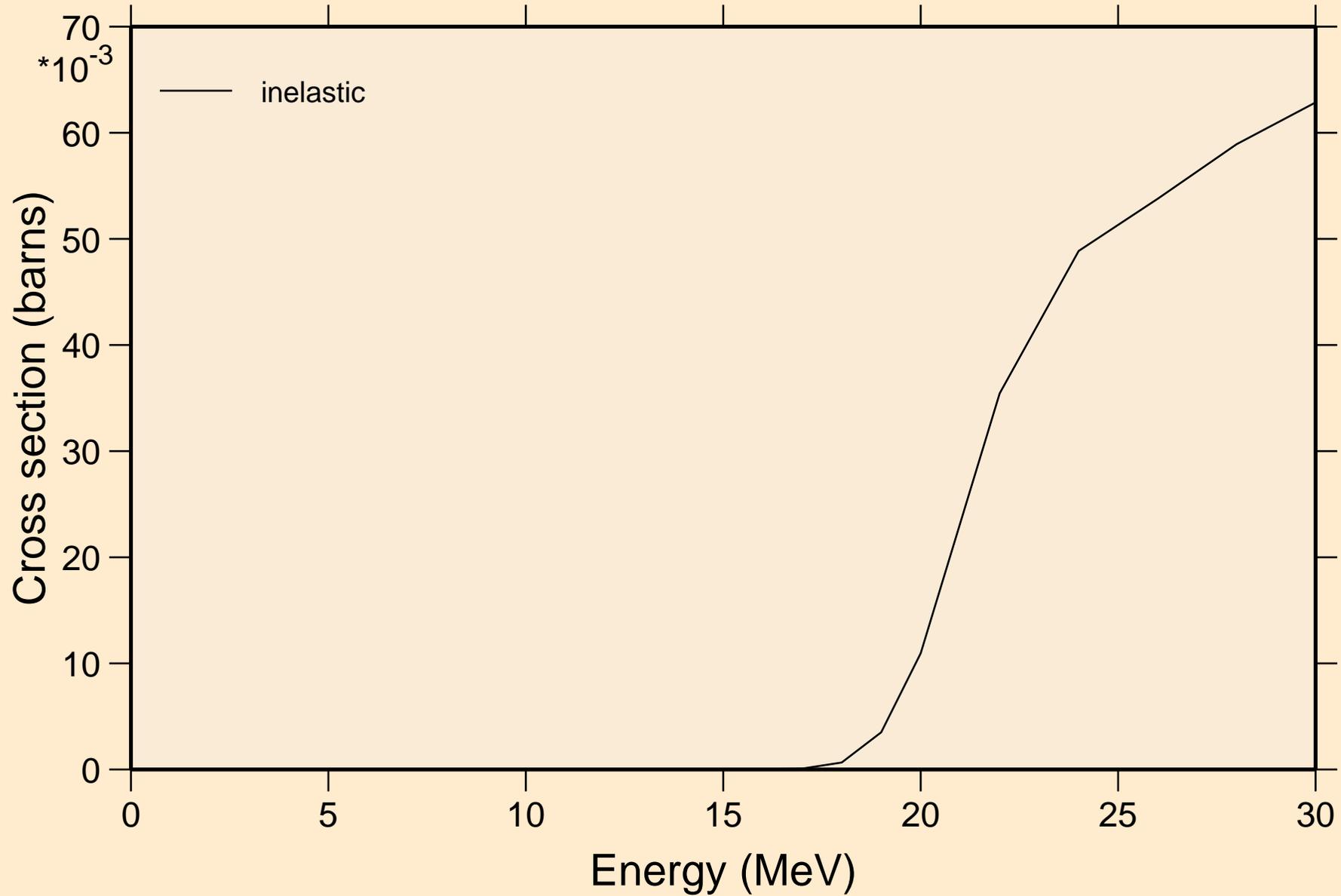
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Threshold reactions



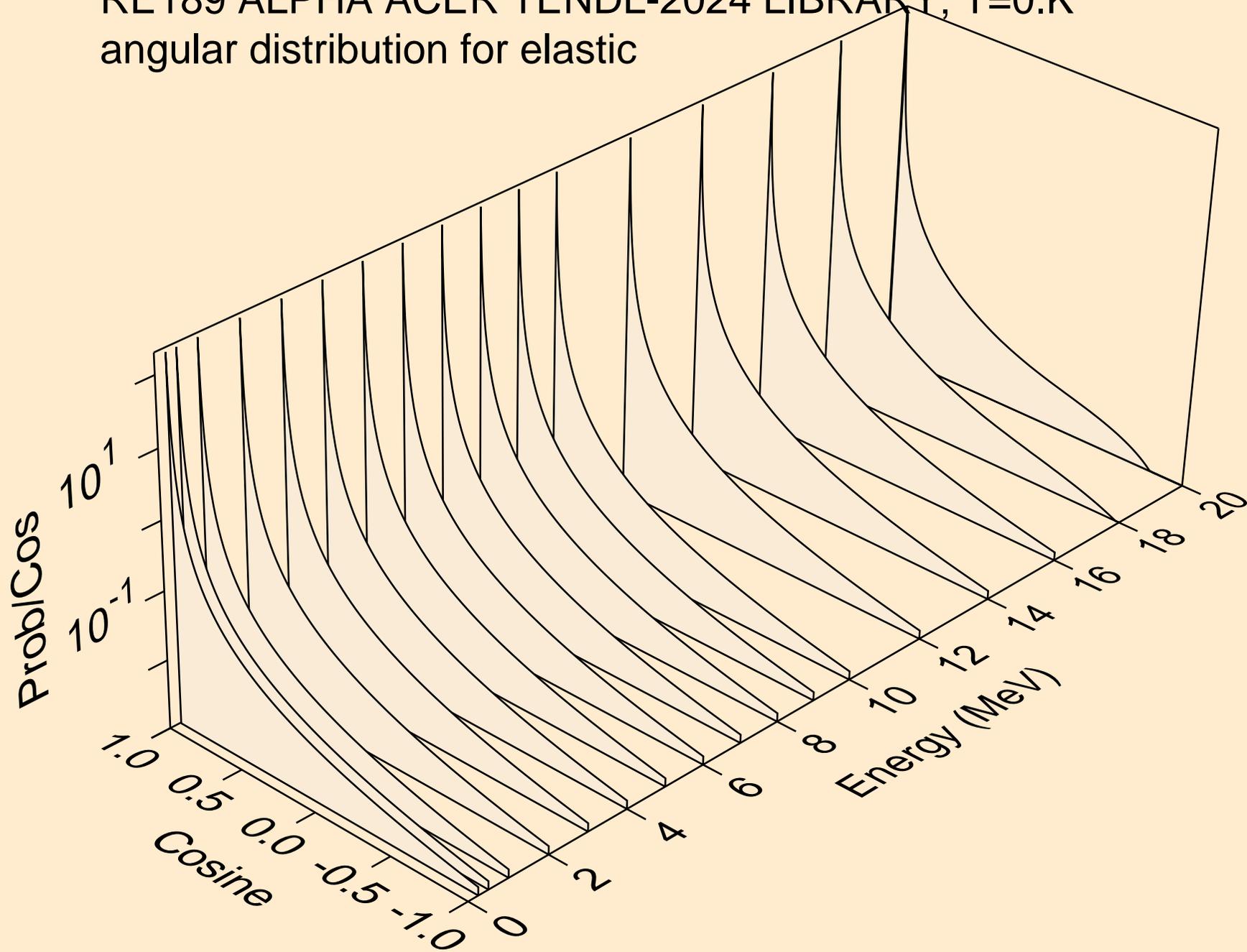
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Threshold reactions



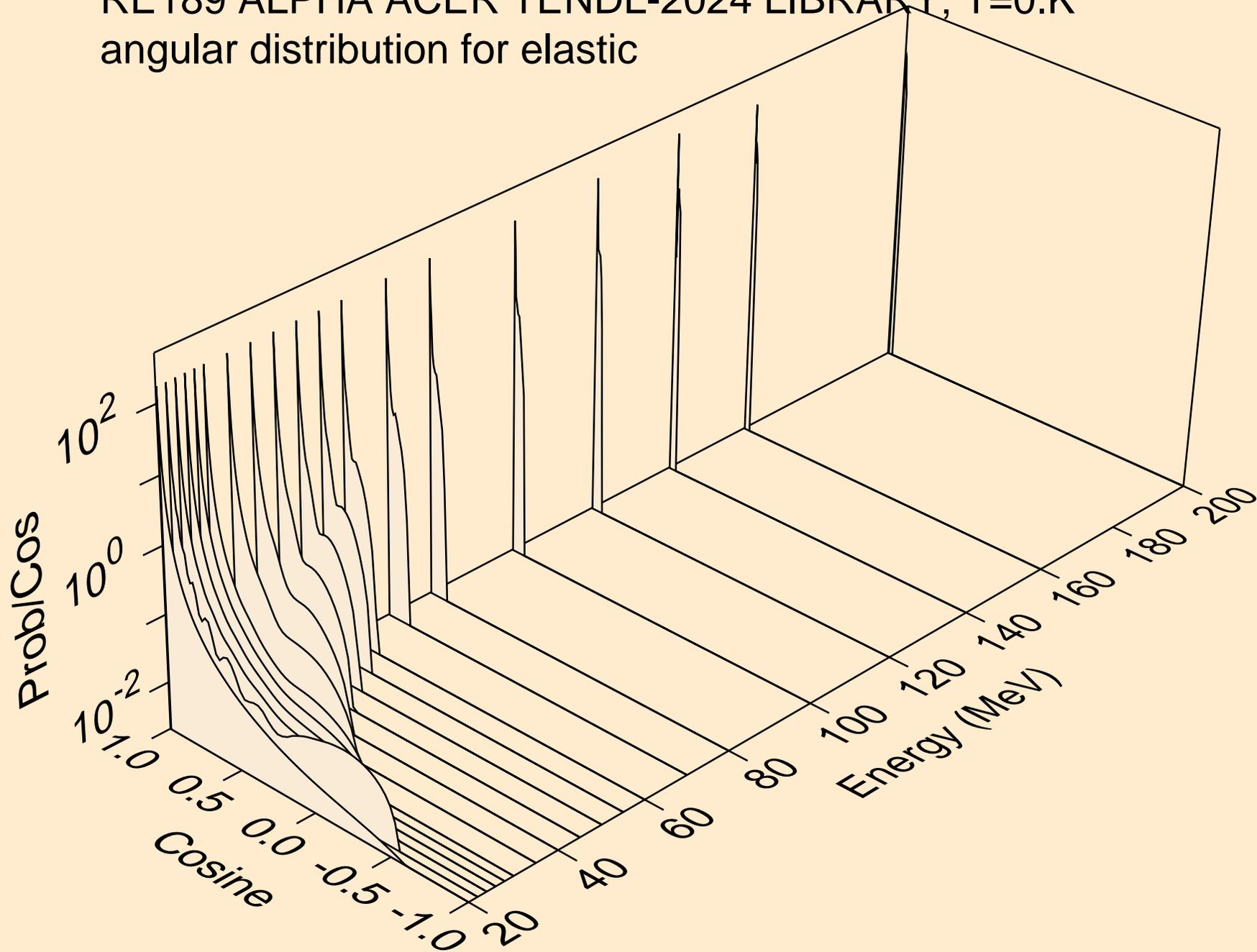
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Threshold reactions



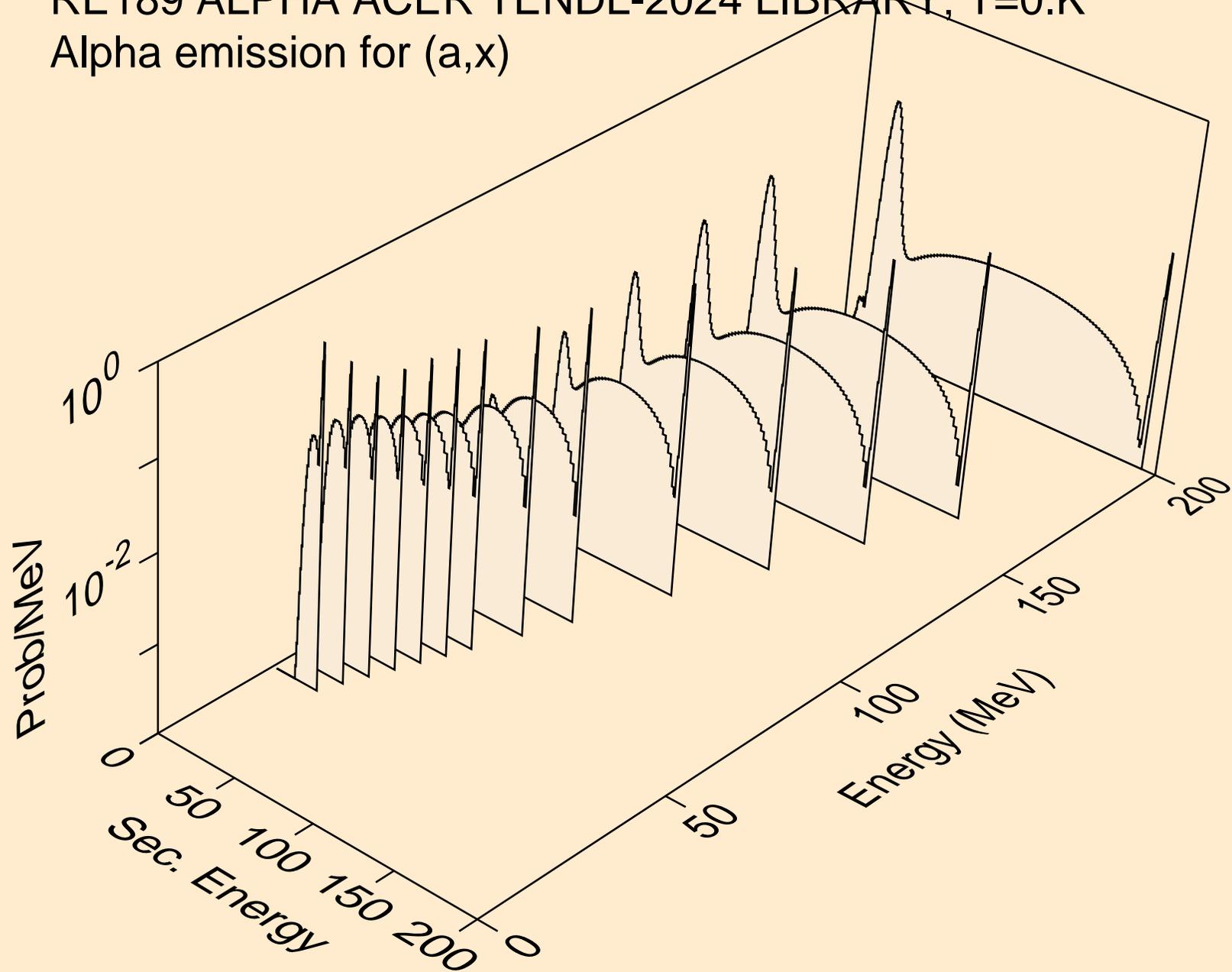
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



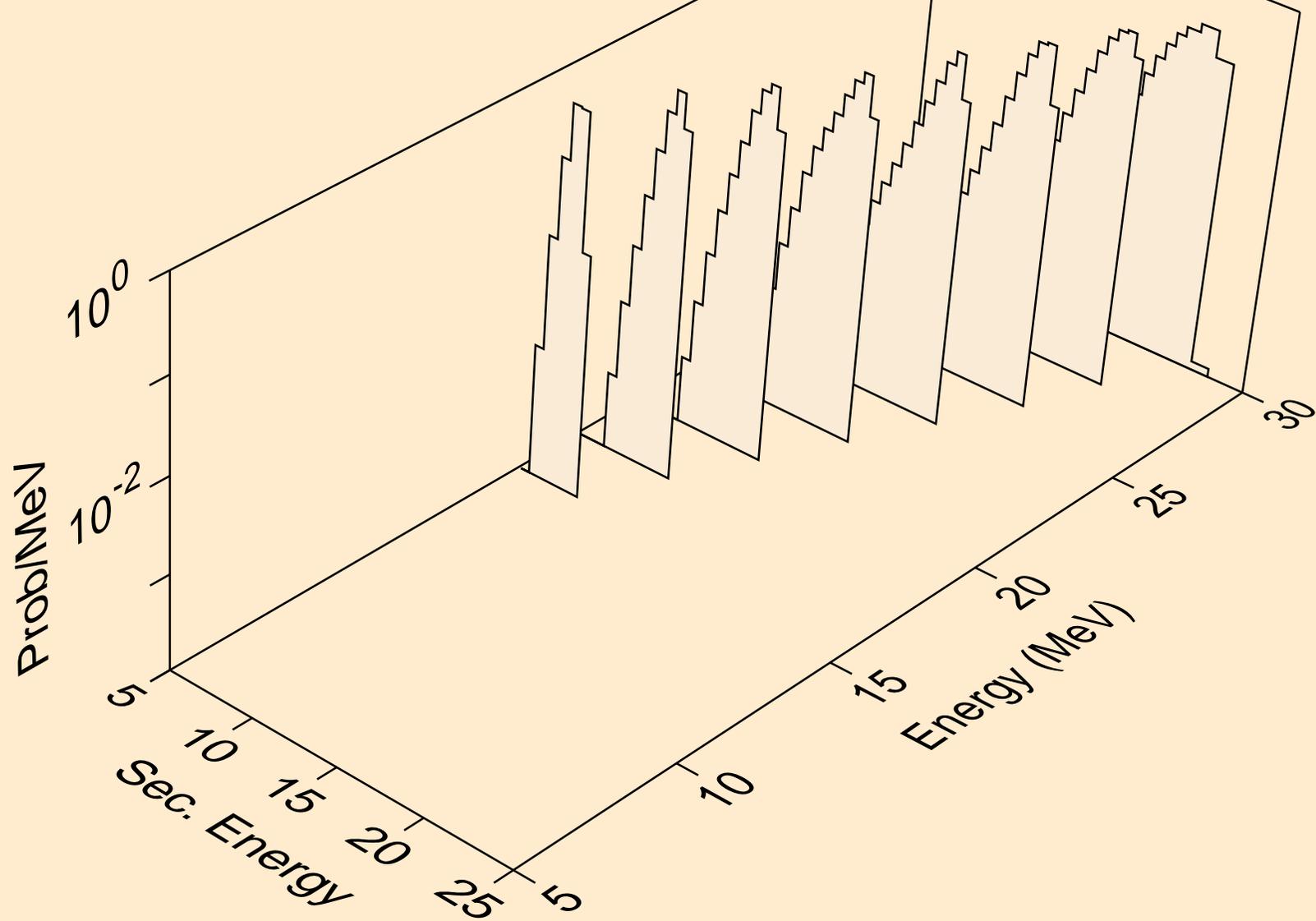
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angular distribution for elastic



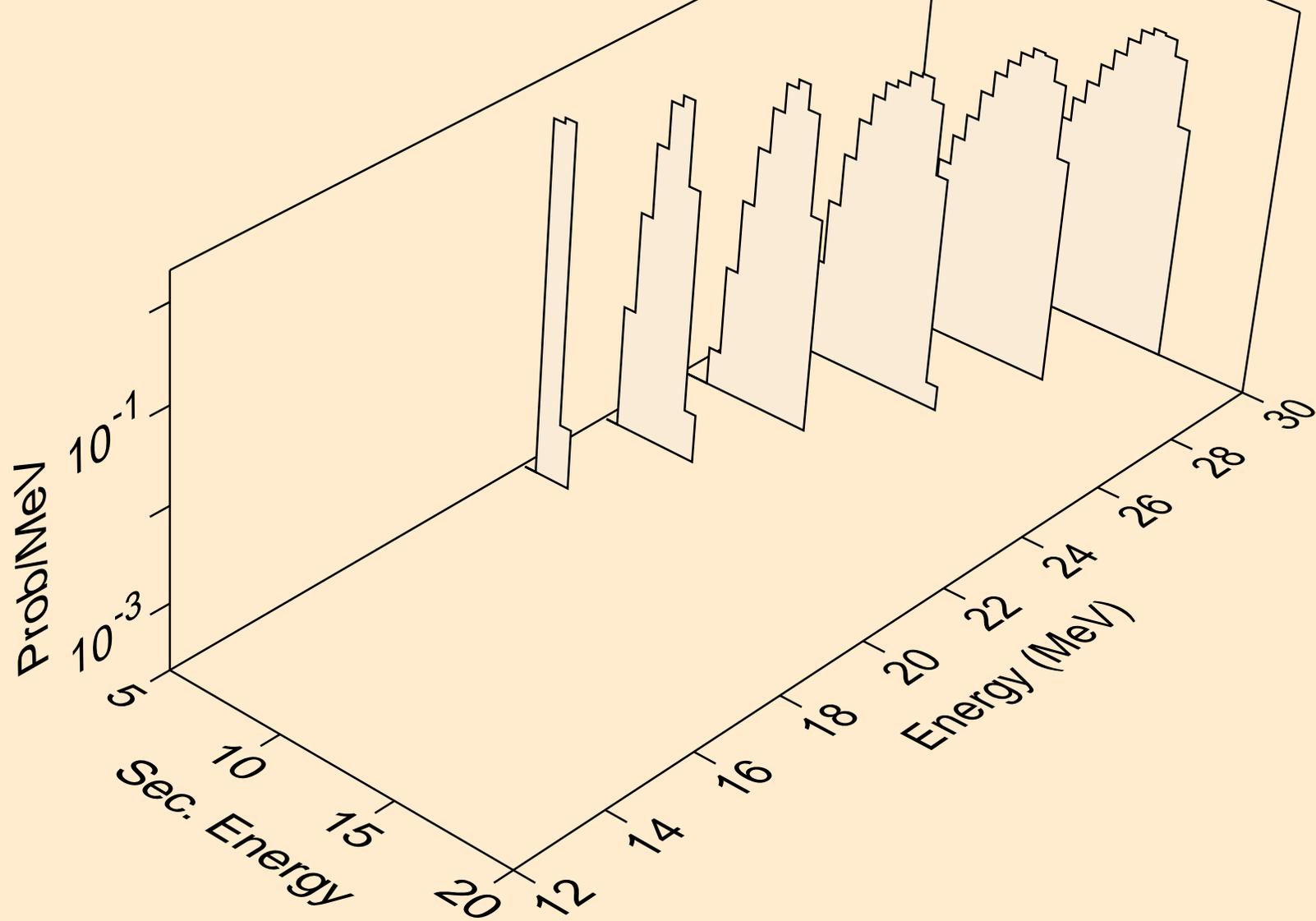
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)



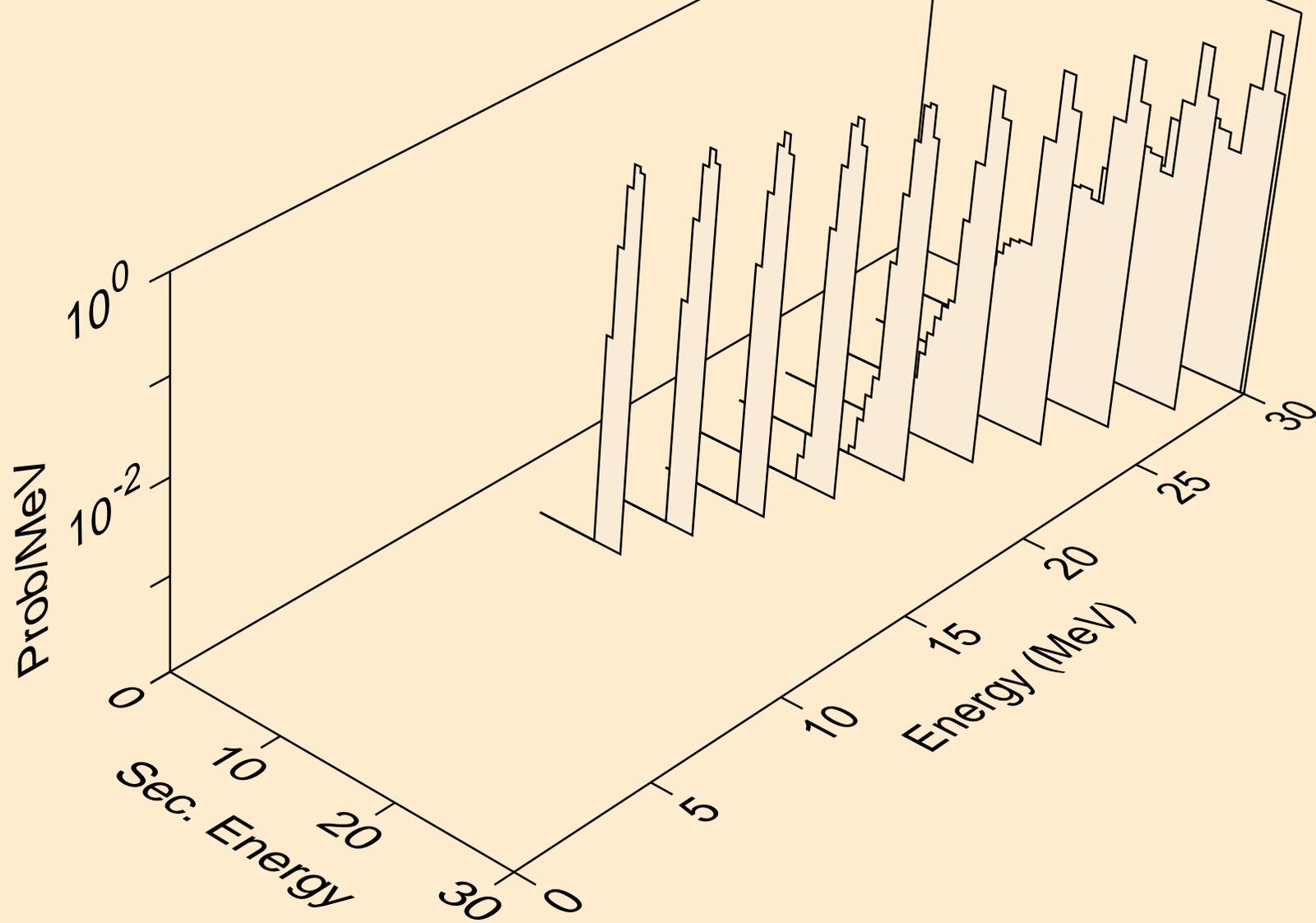
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



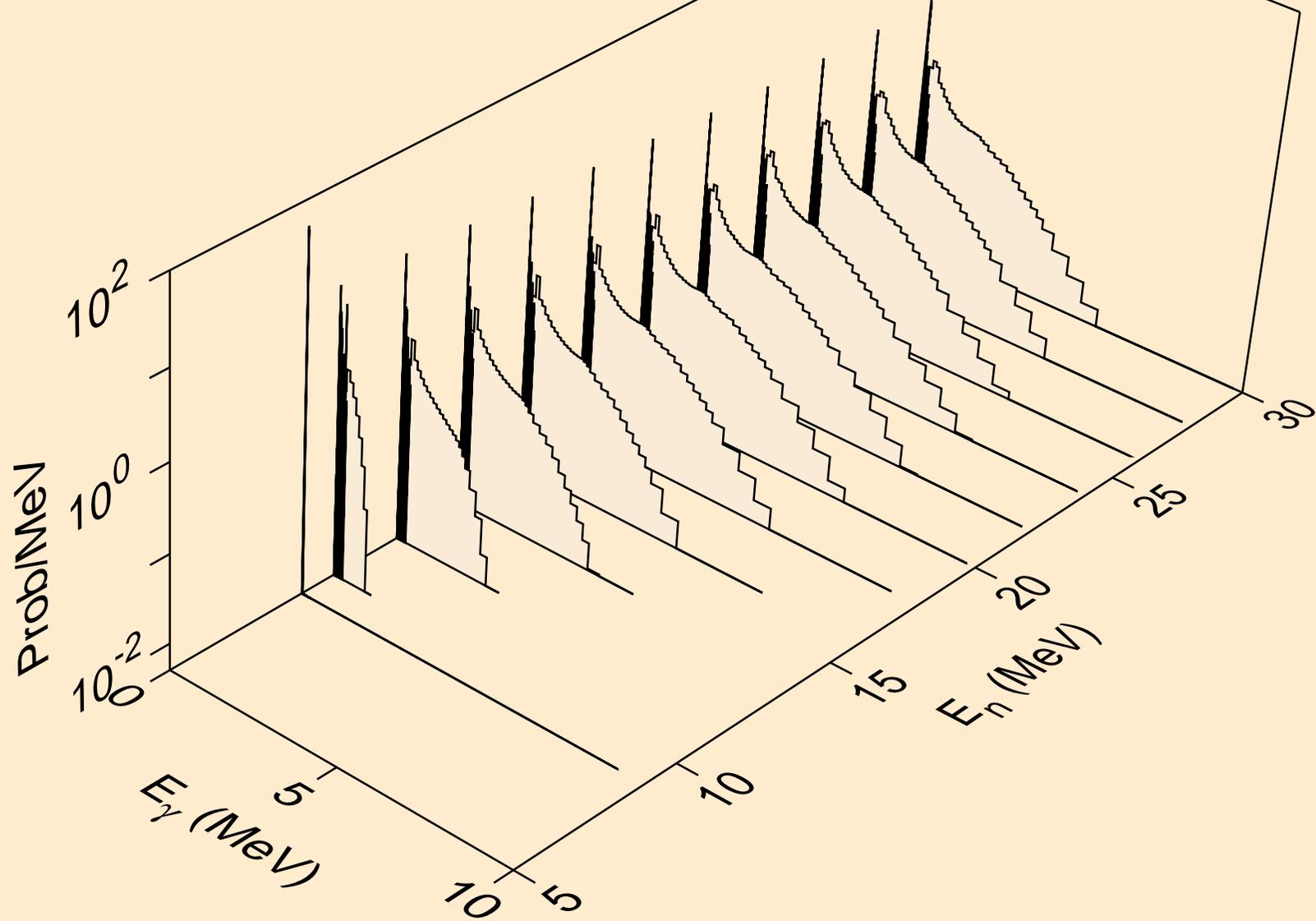
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



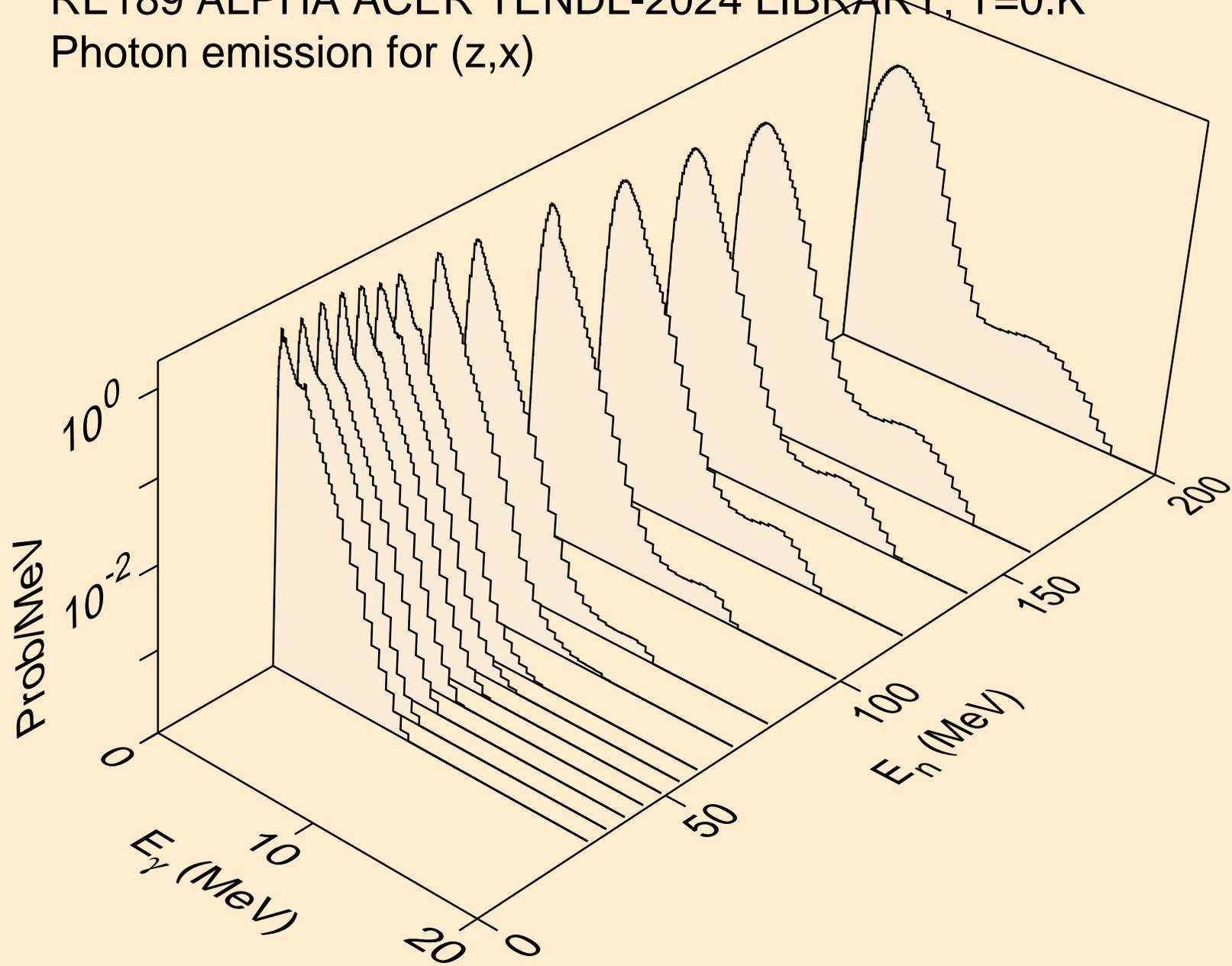
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



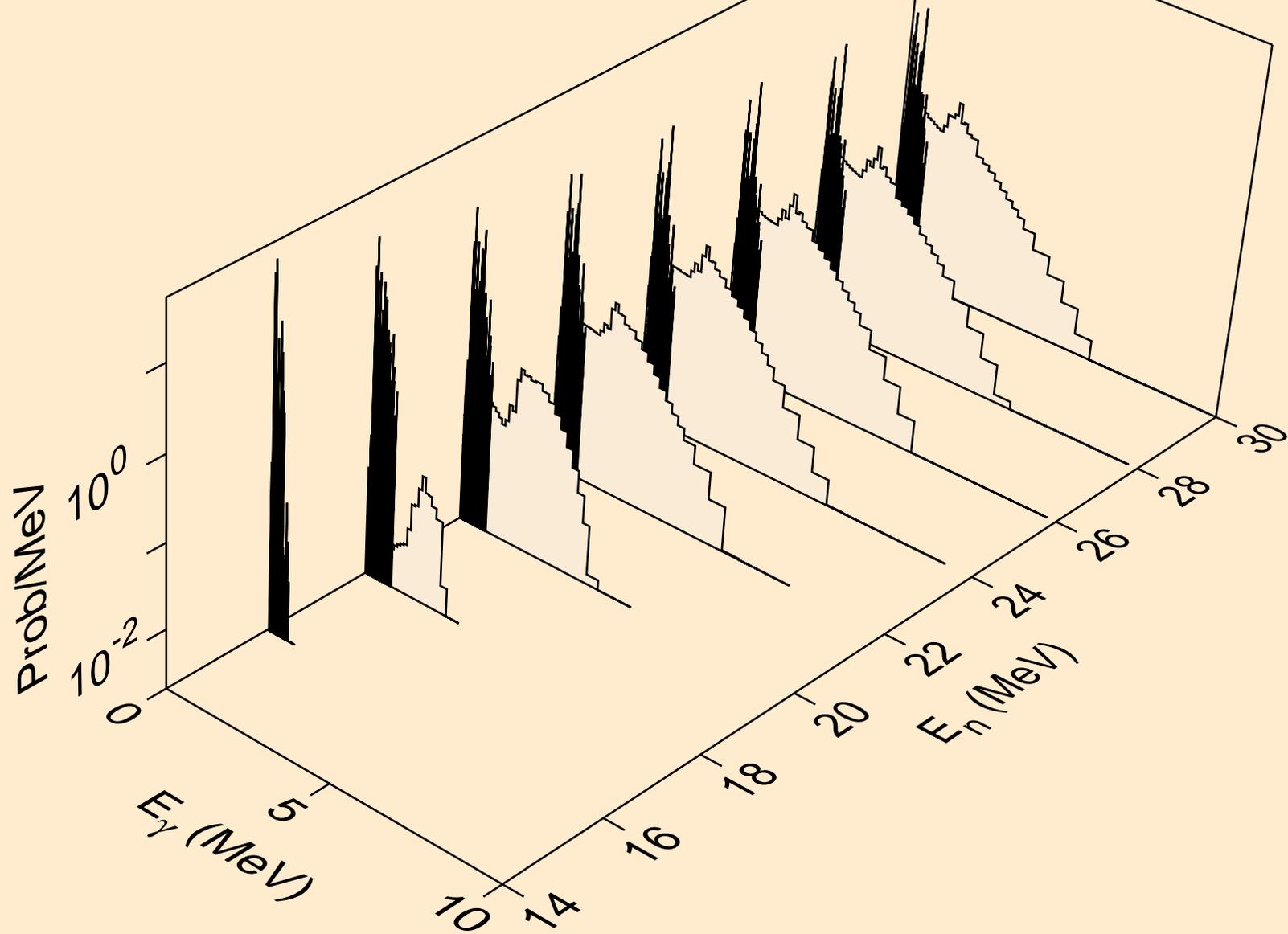
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



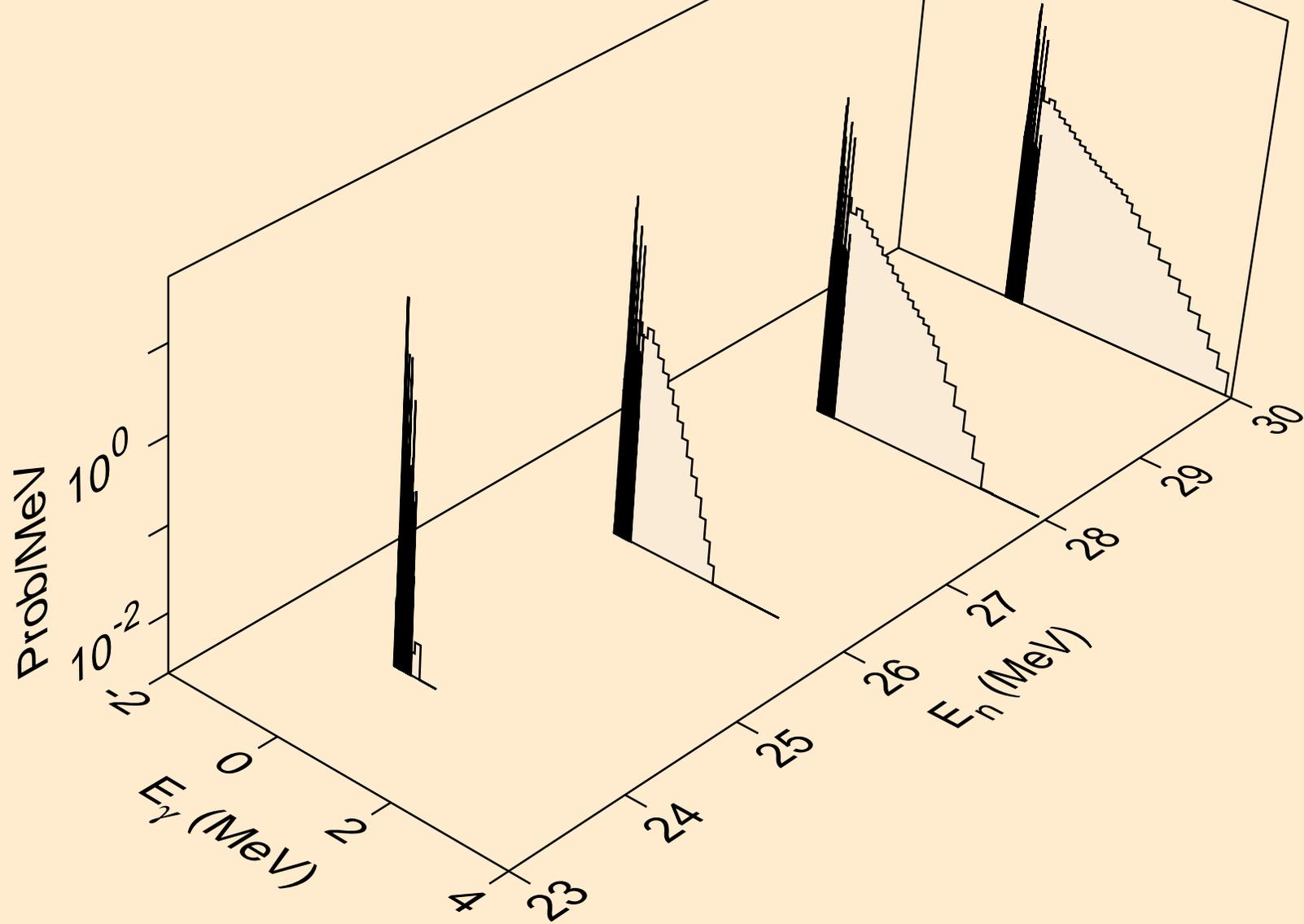
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



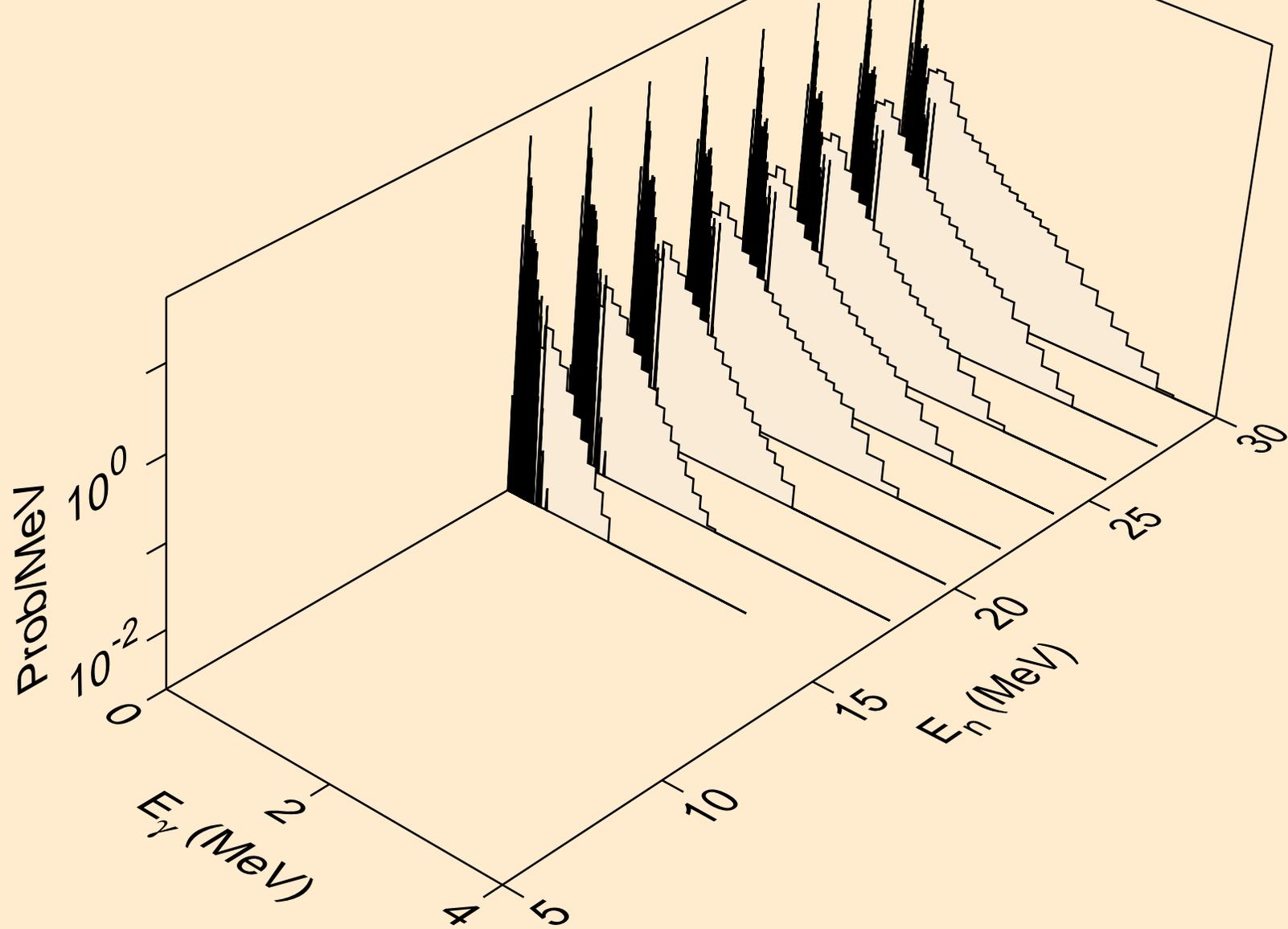
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



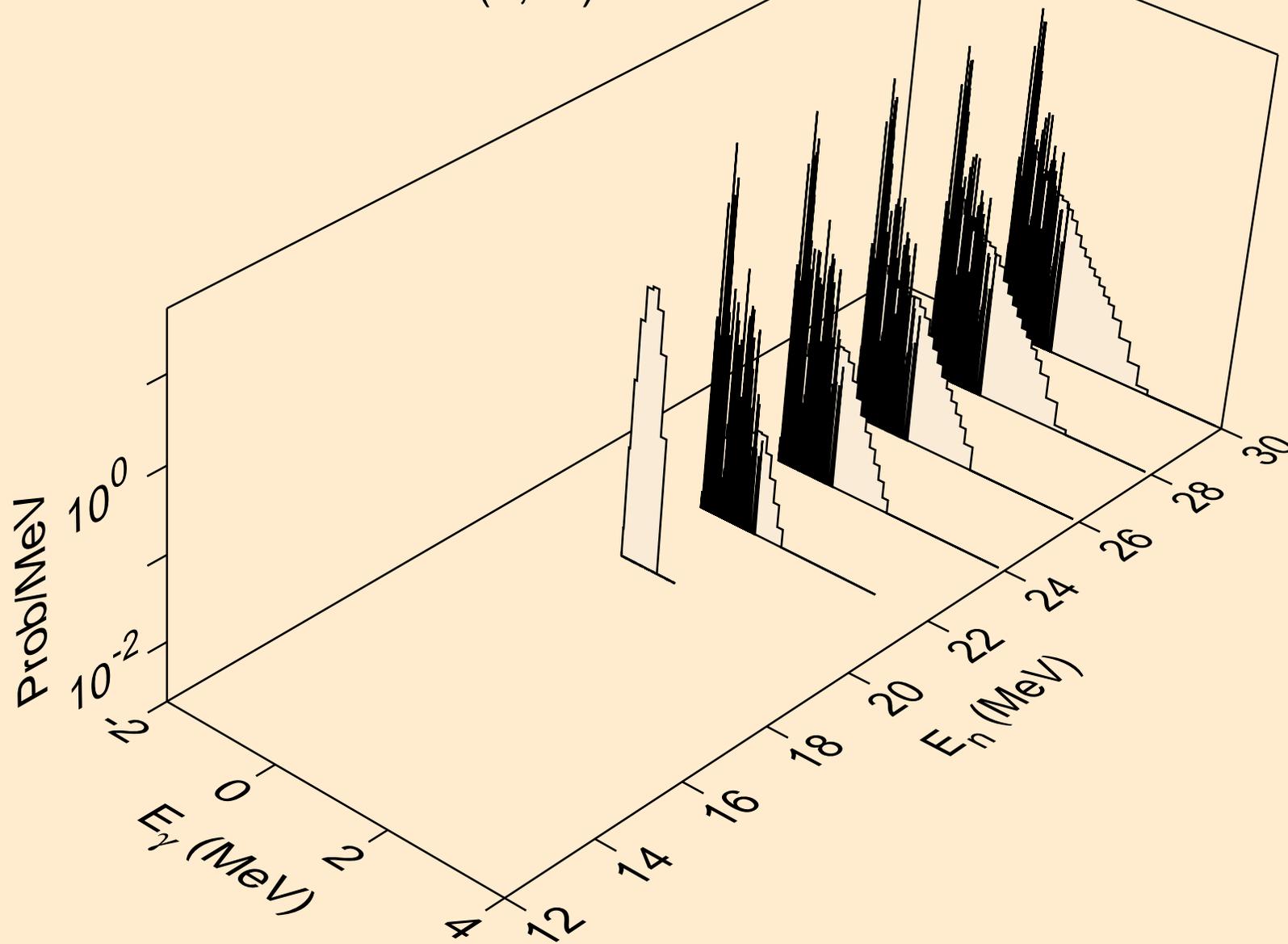
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



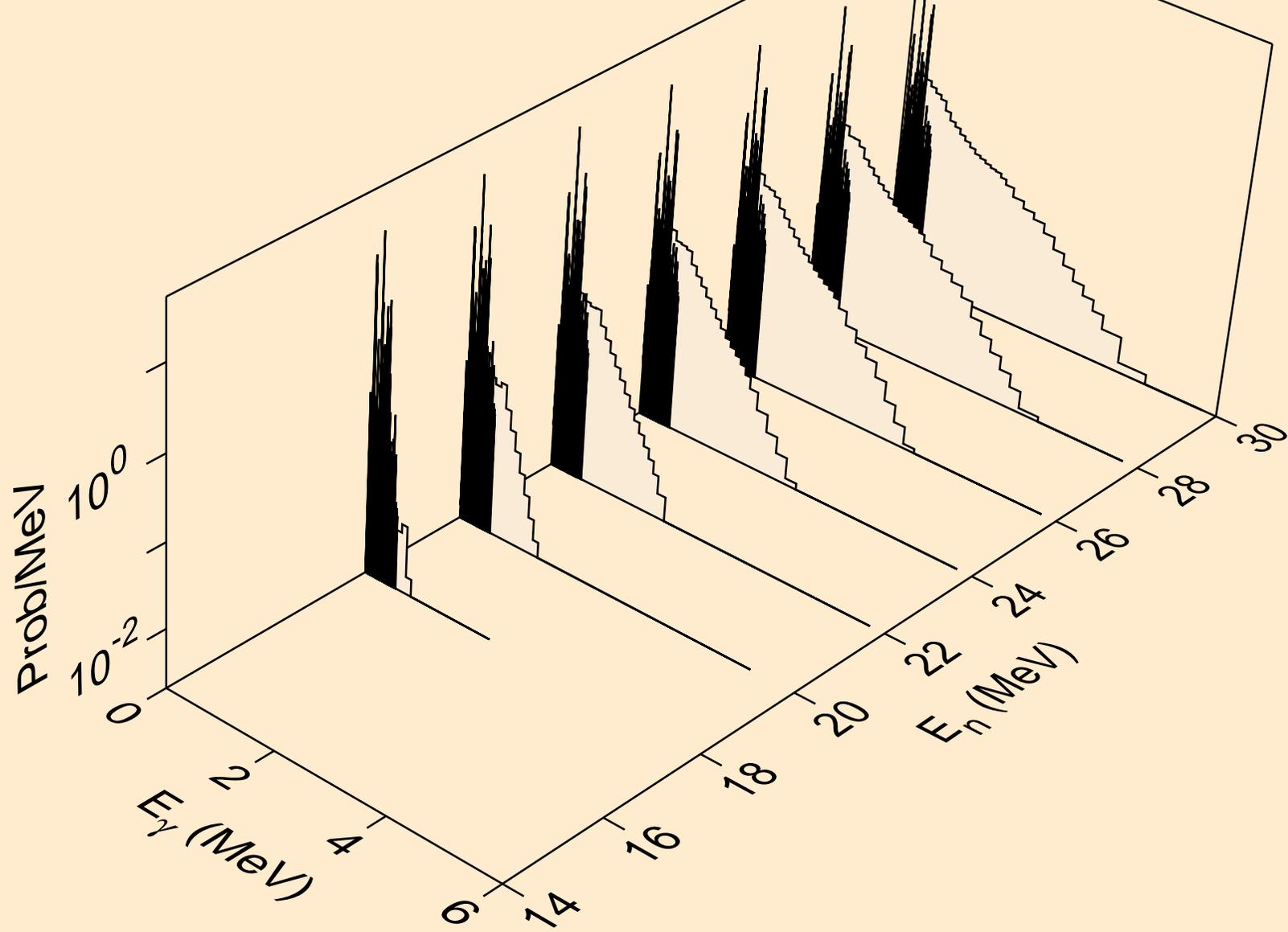
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



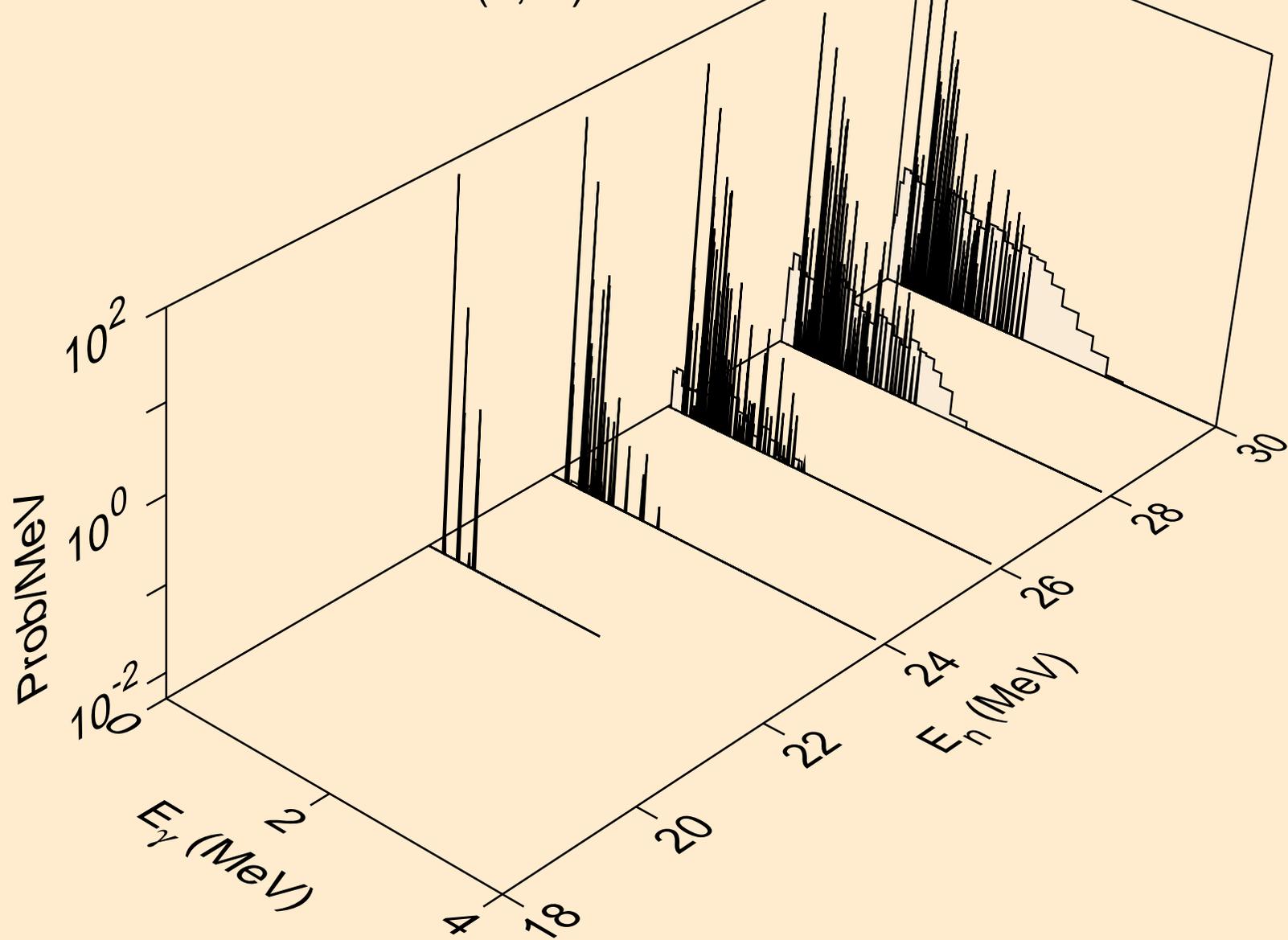
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



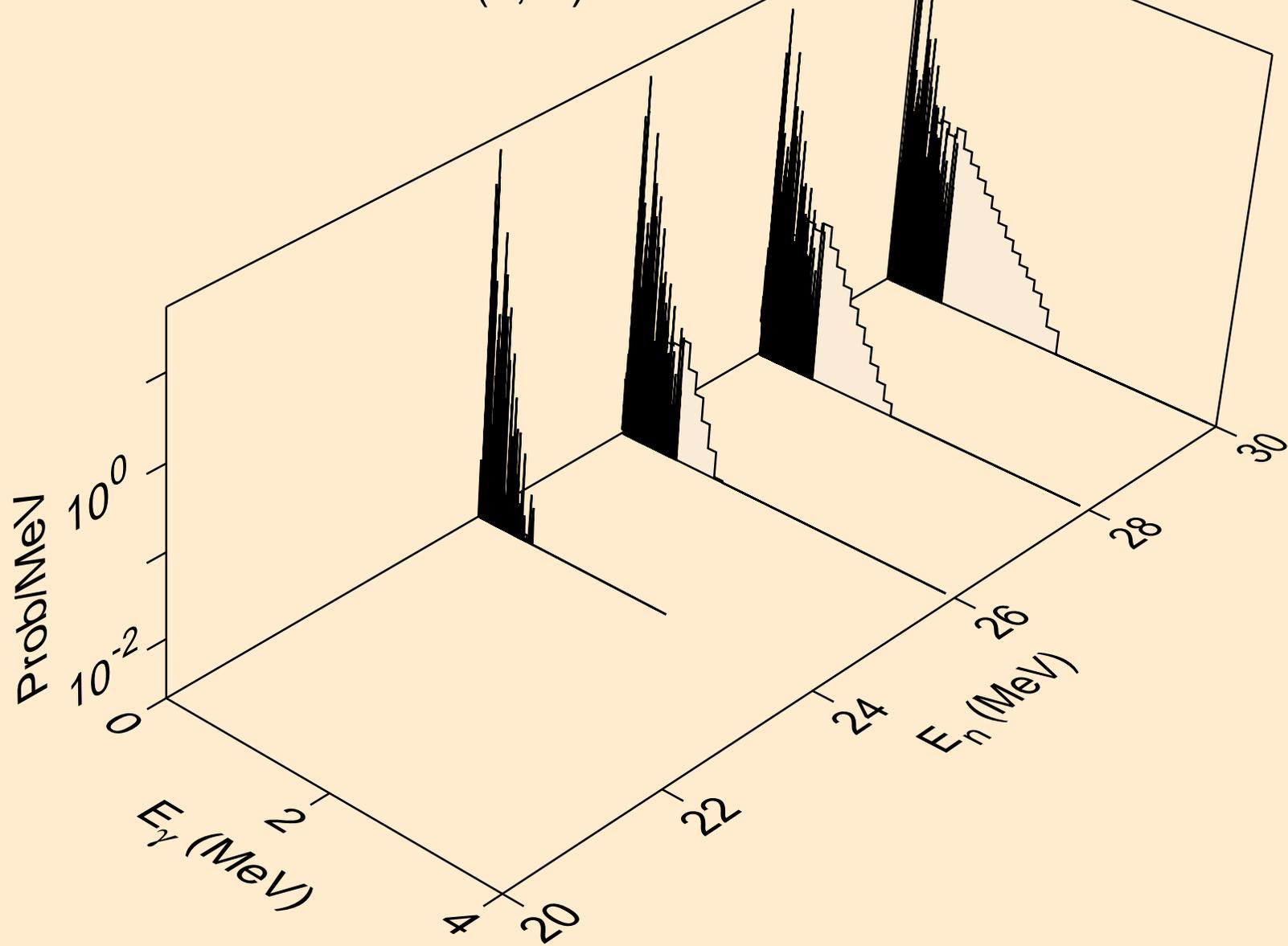
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



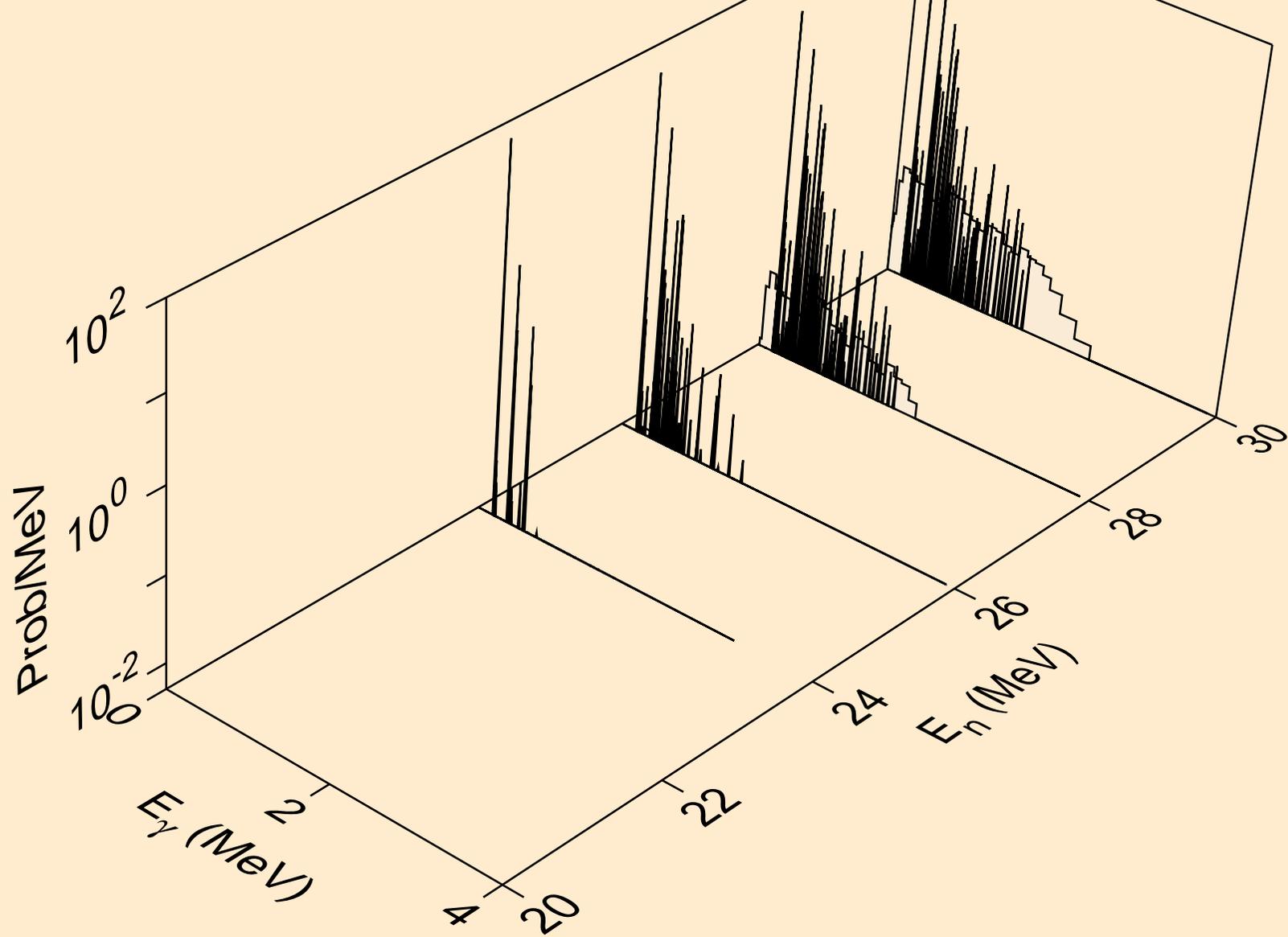
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



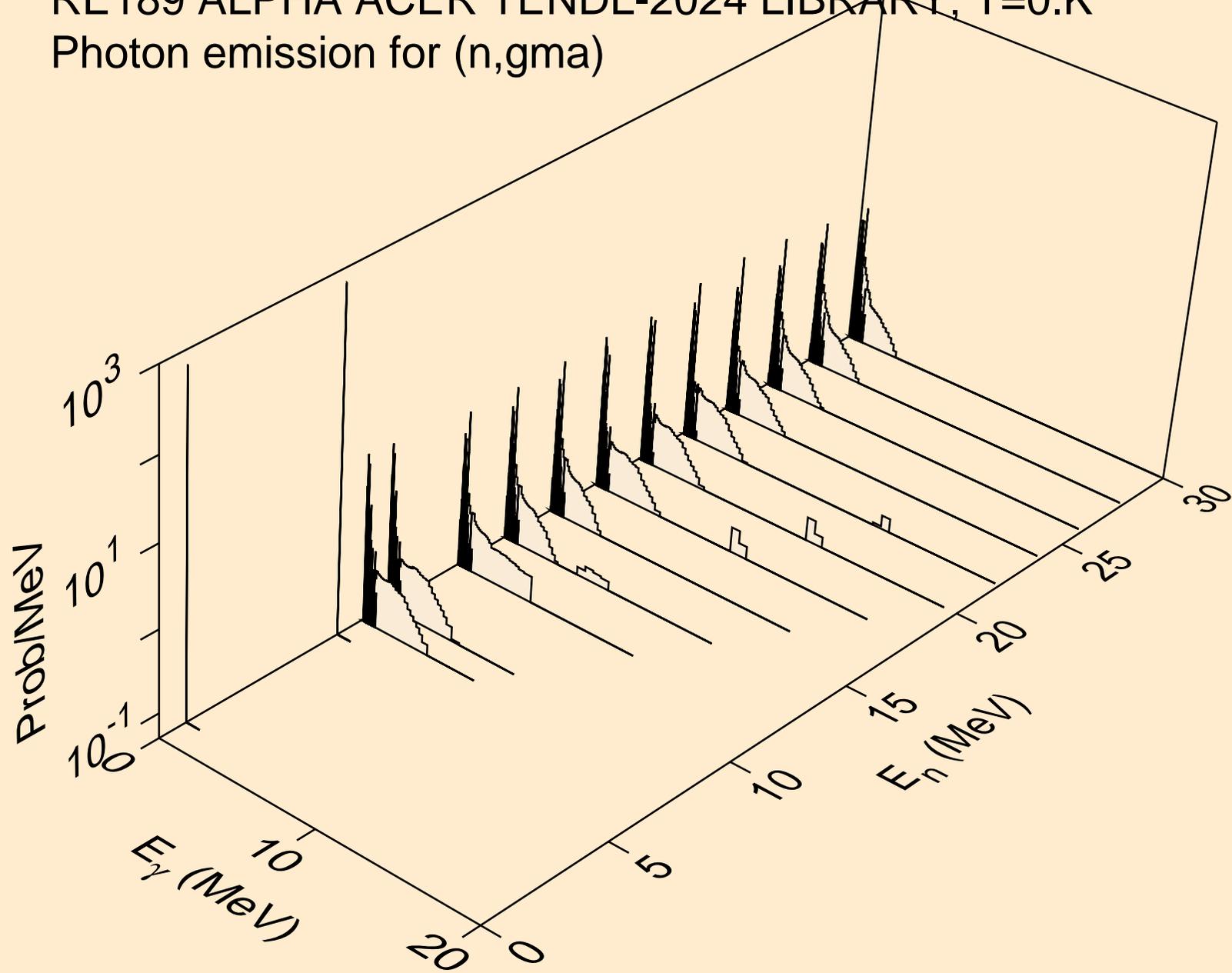
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



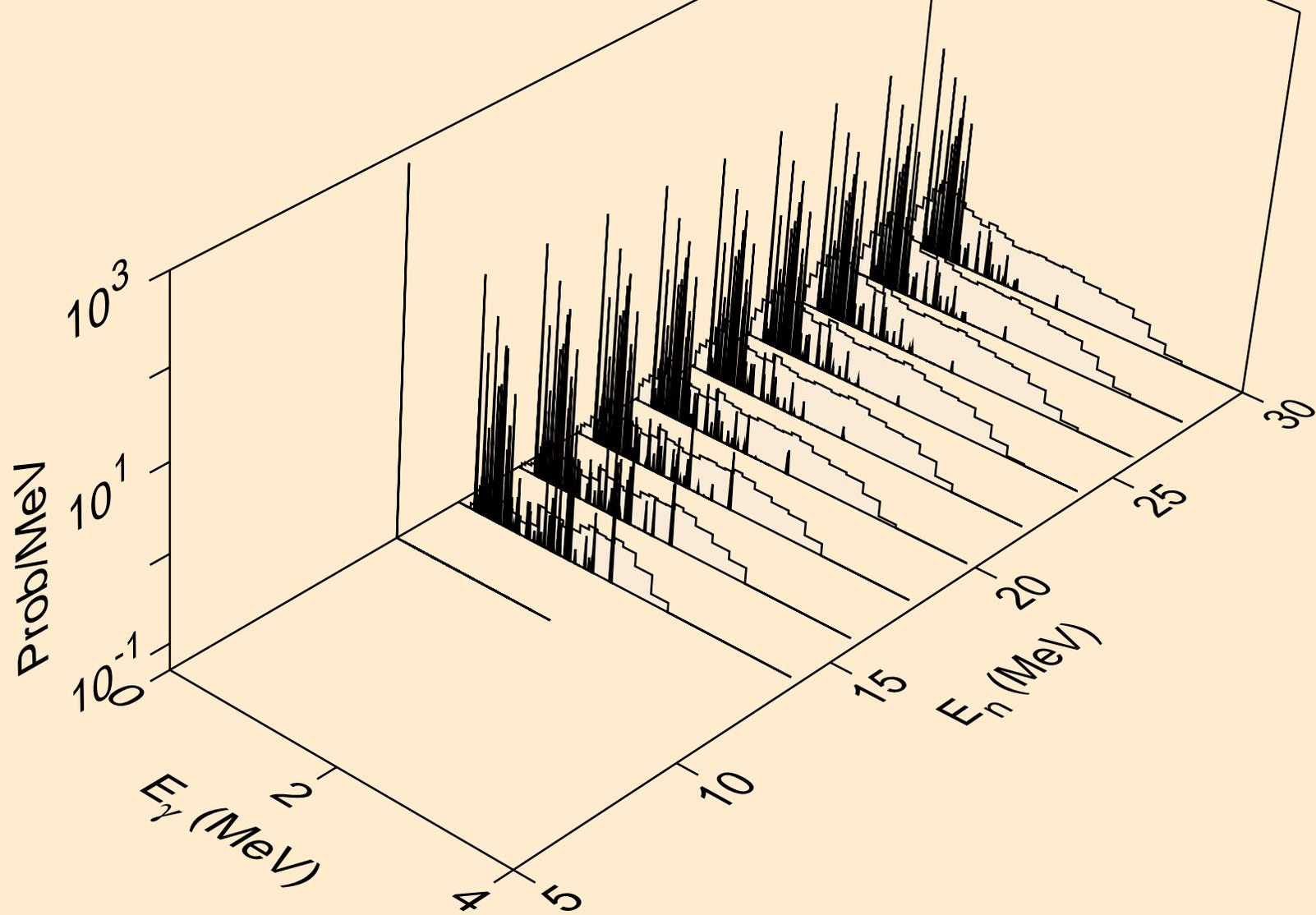
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



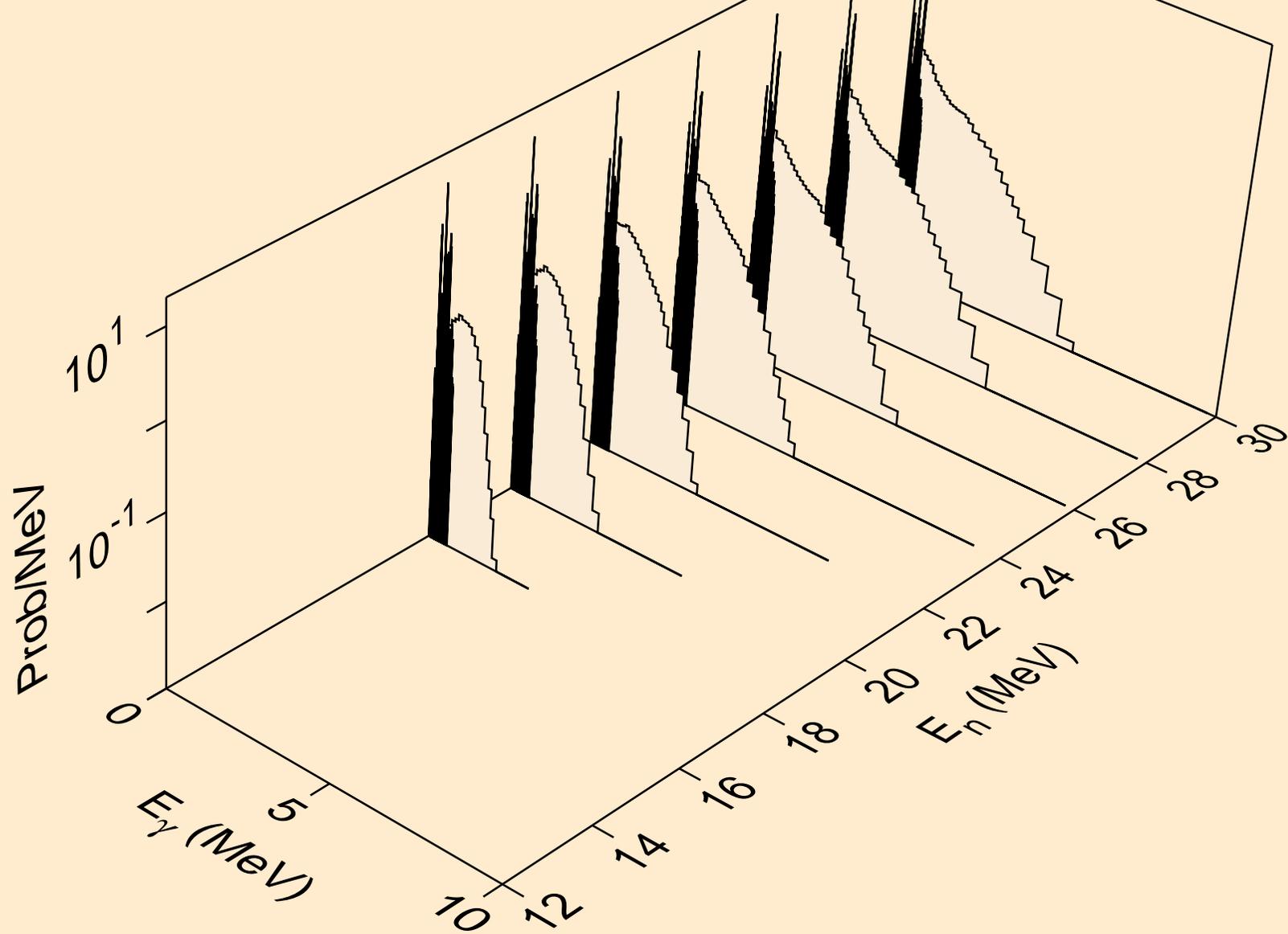
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



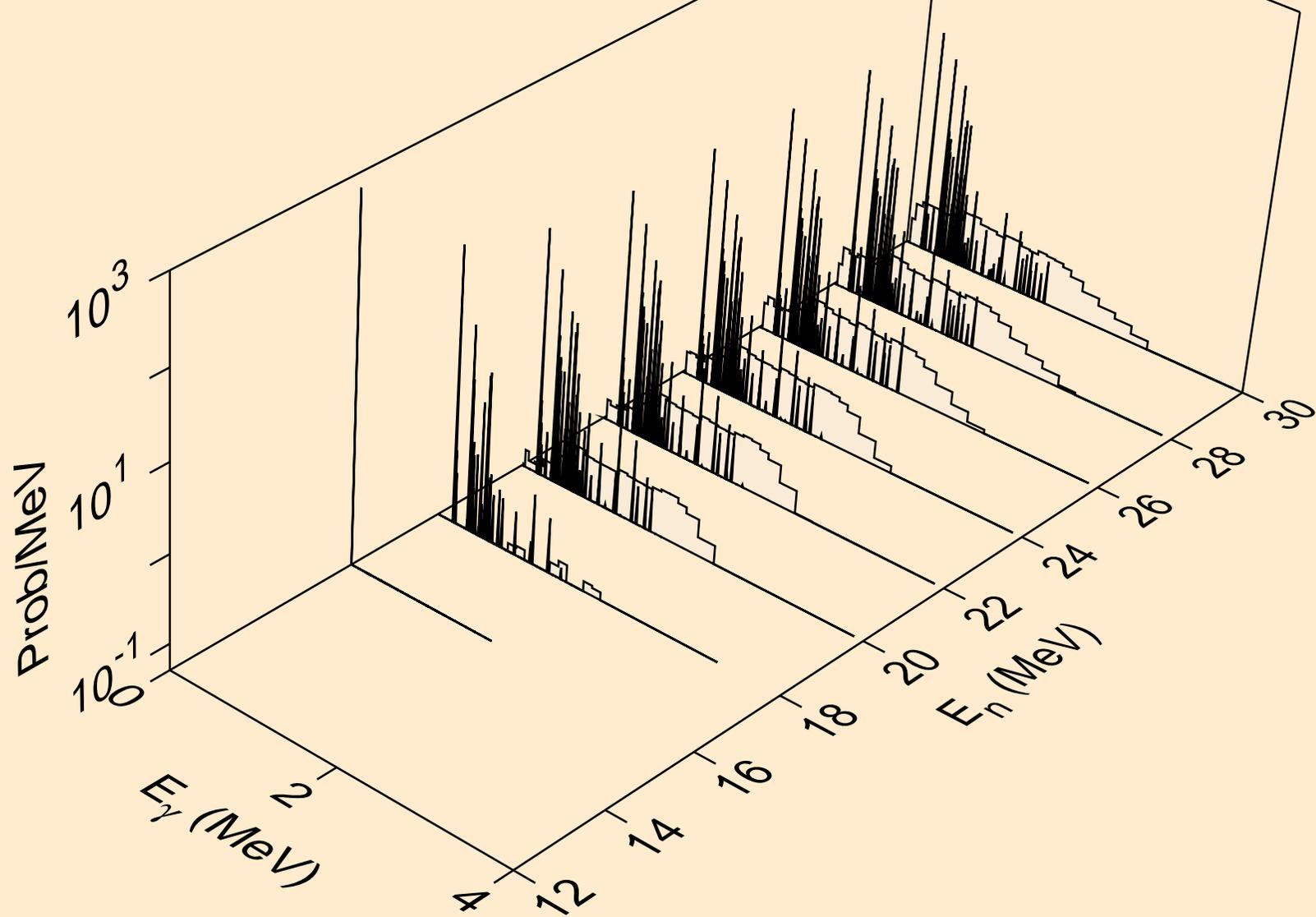
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



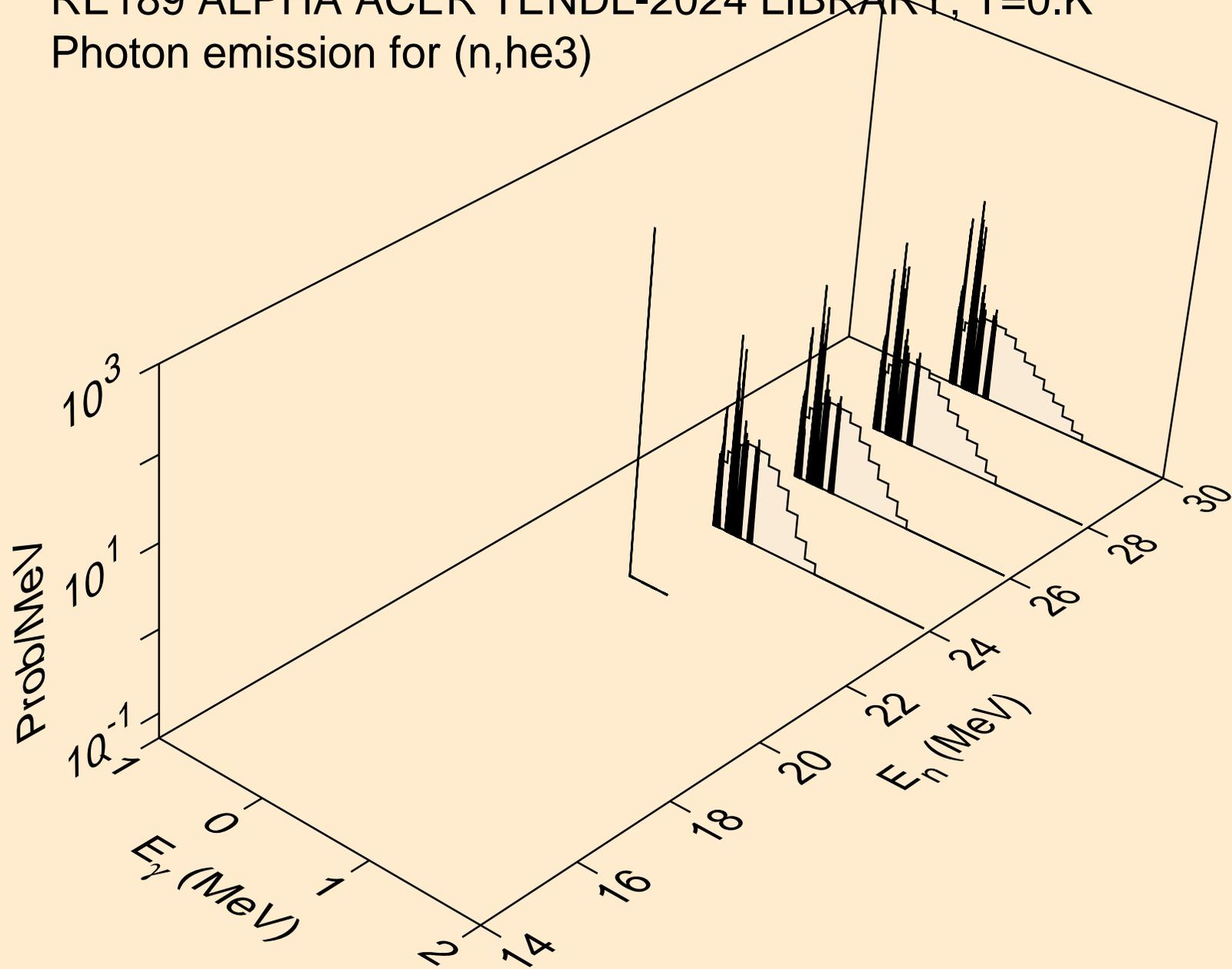
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Photon emission for (n,d)



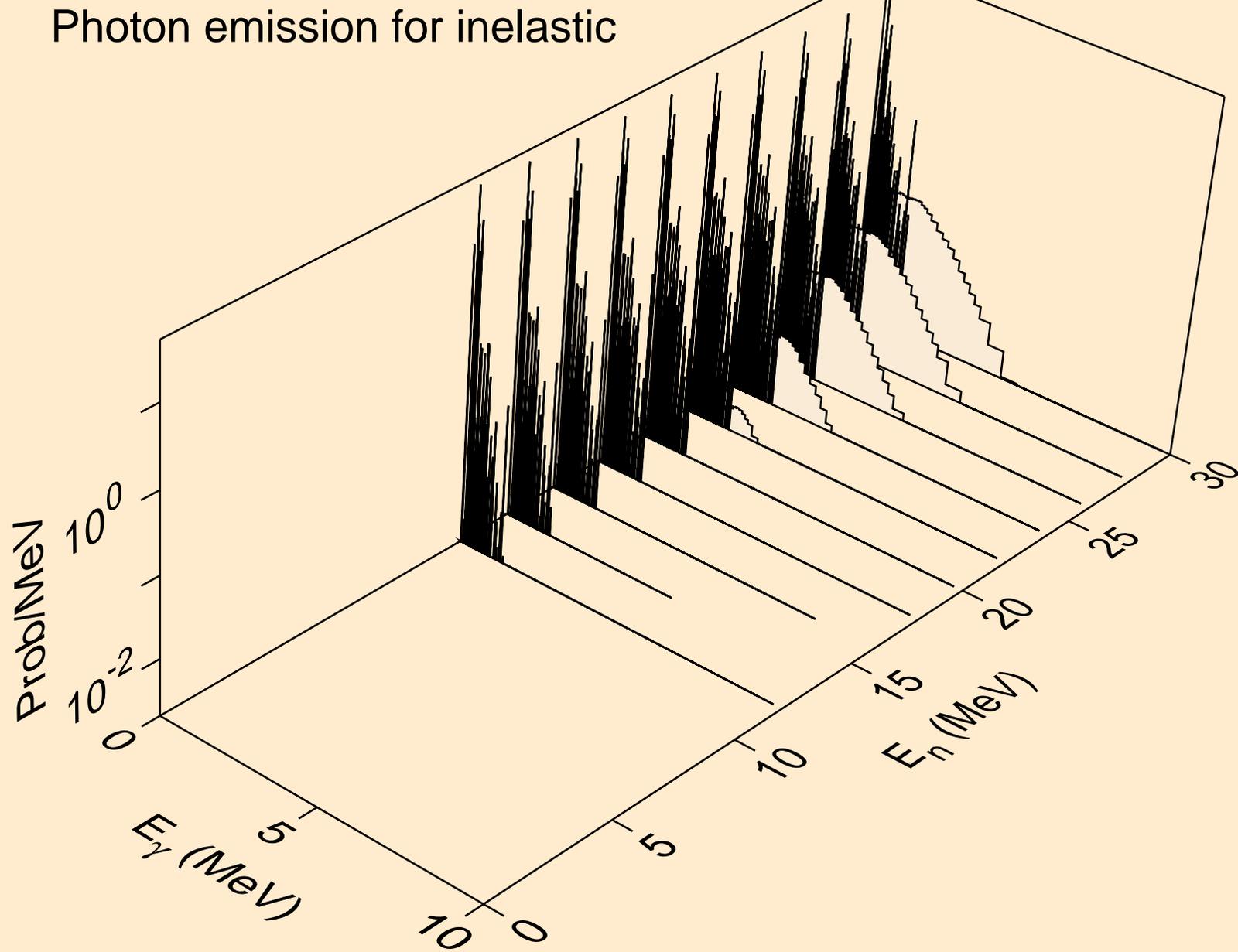
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Photon emission for (n,t)



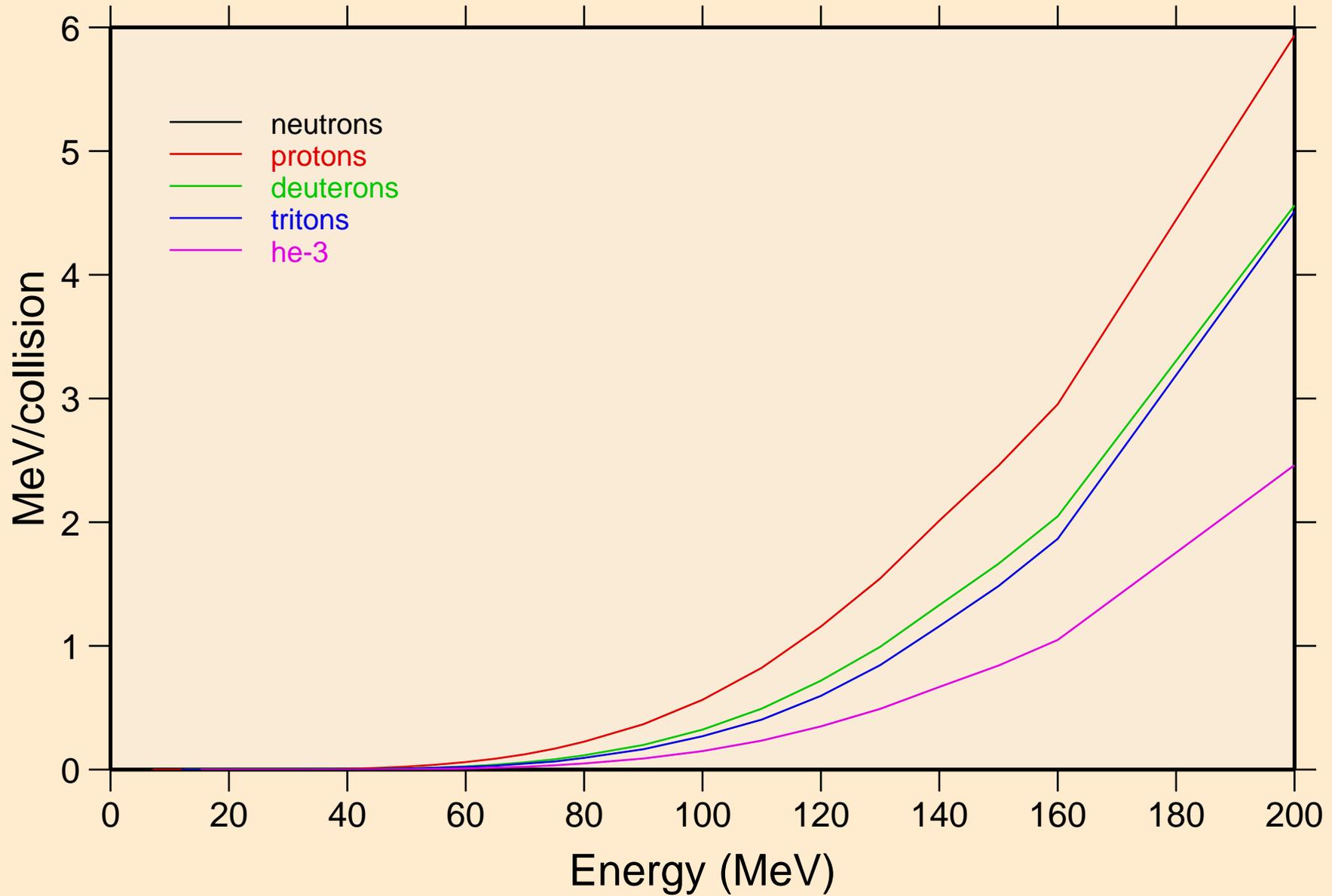
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



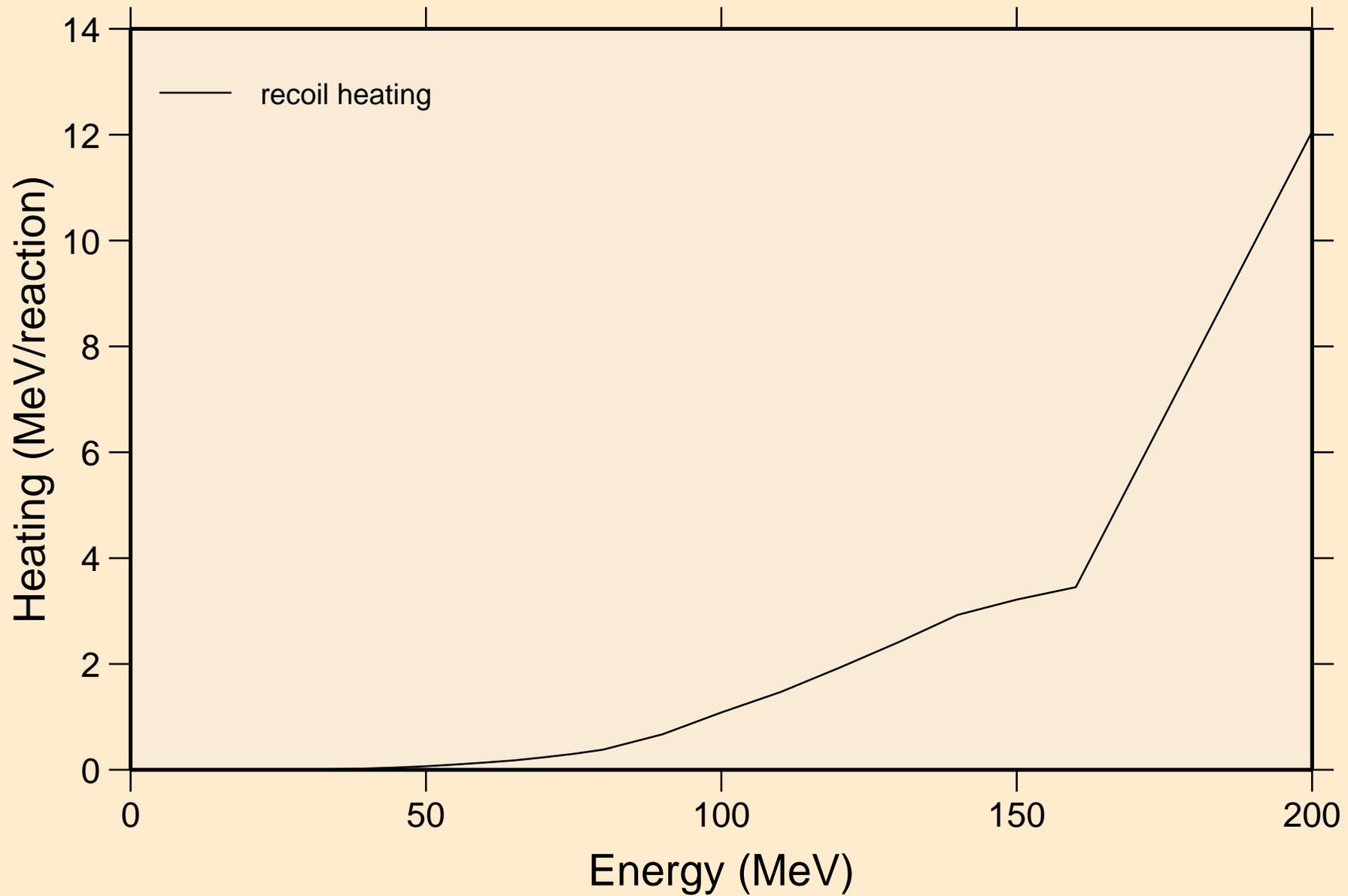
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

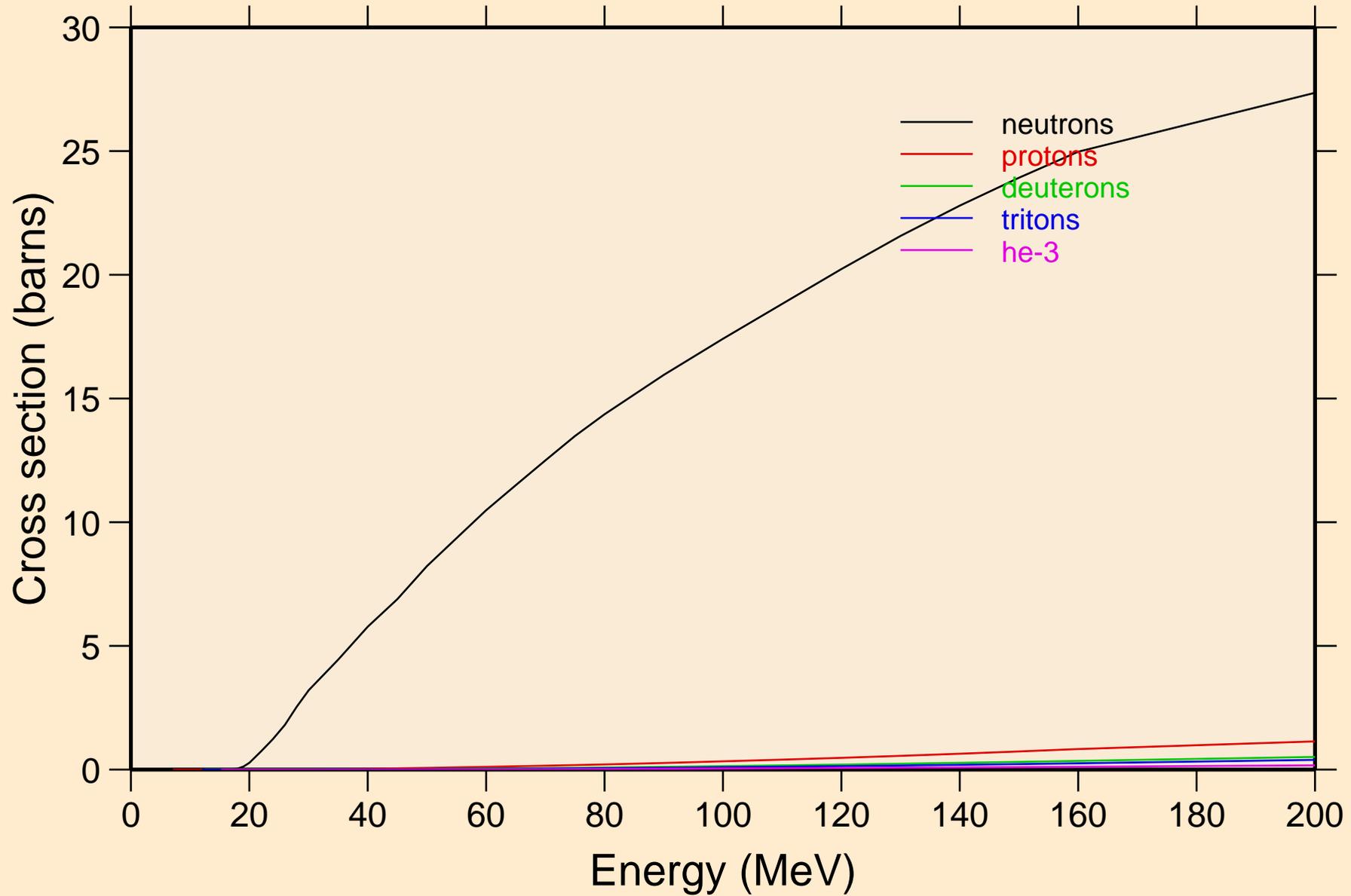


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Recoil Heating

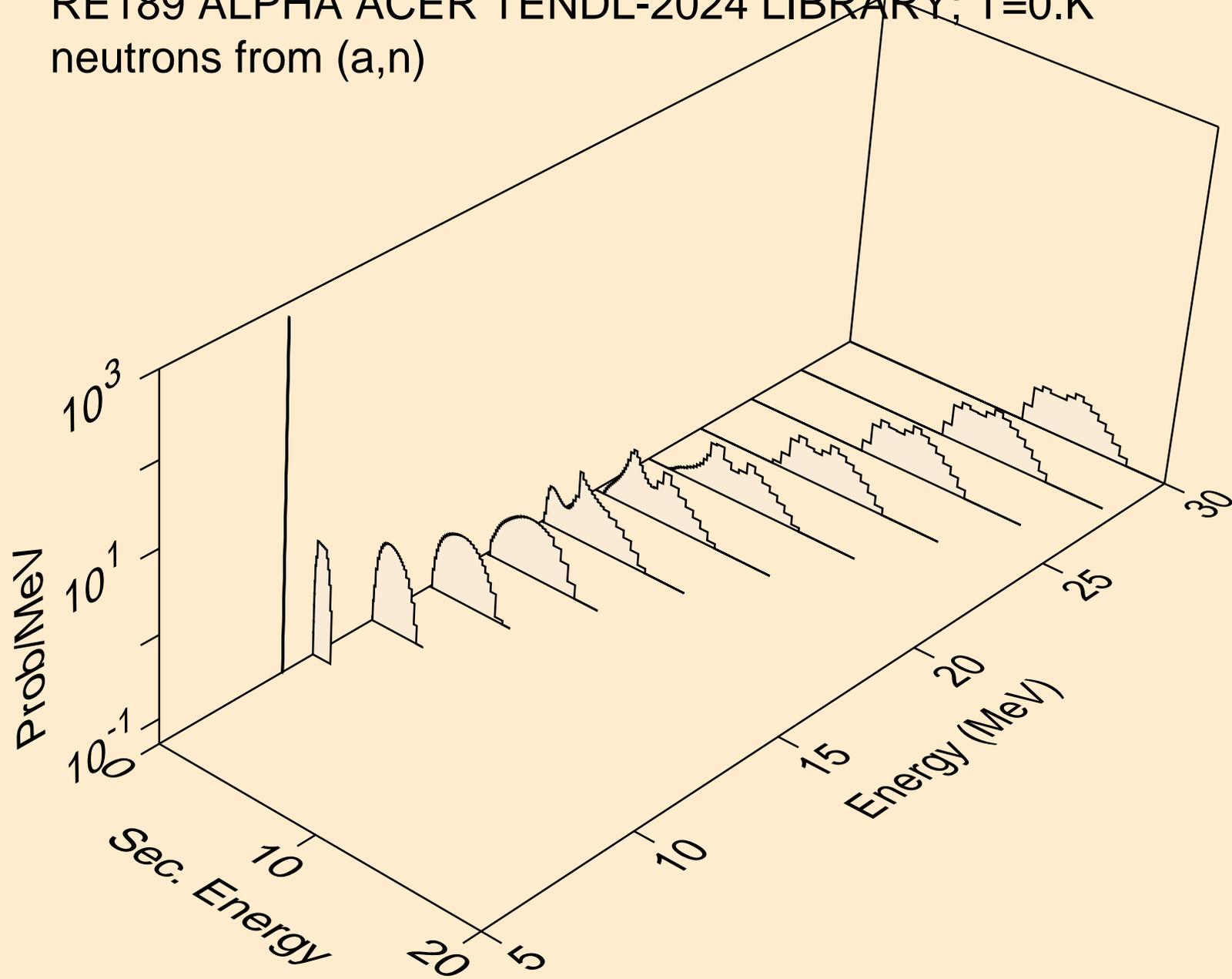


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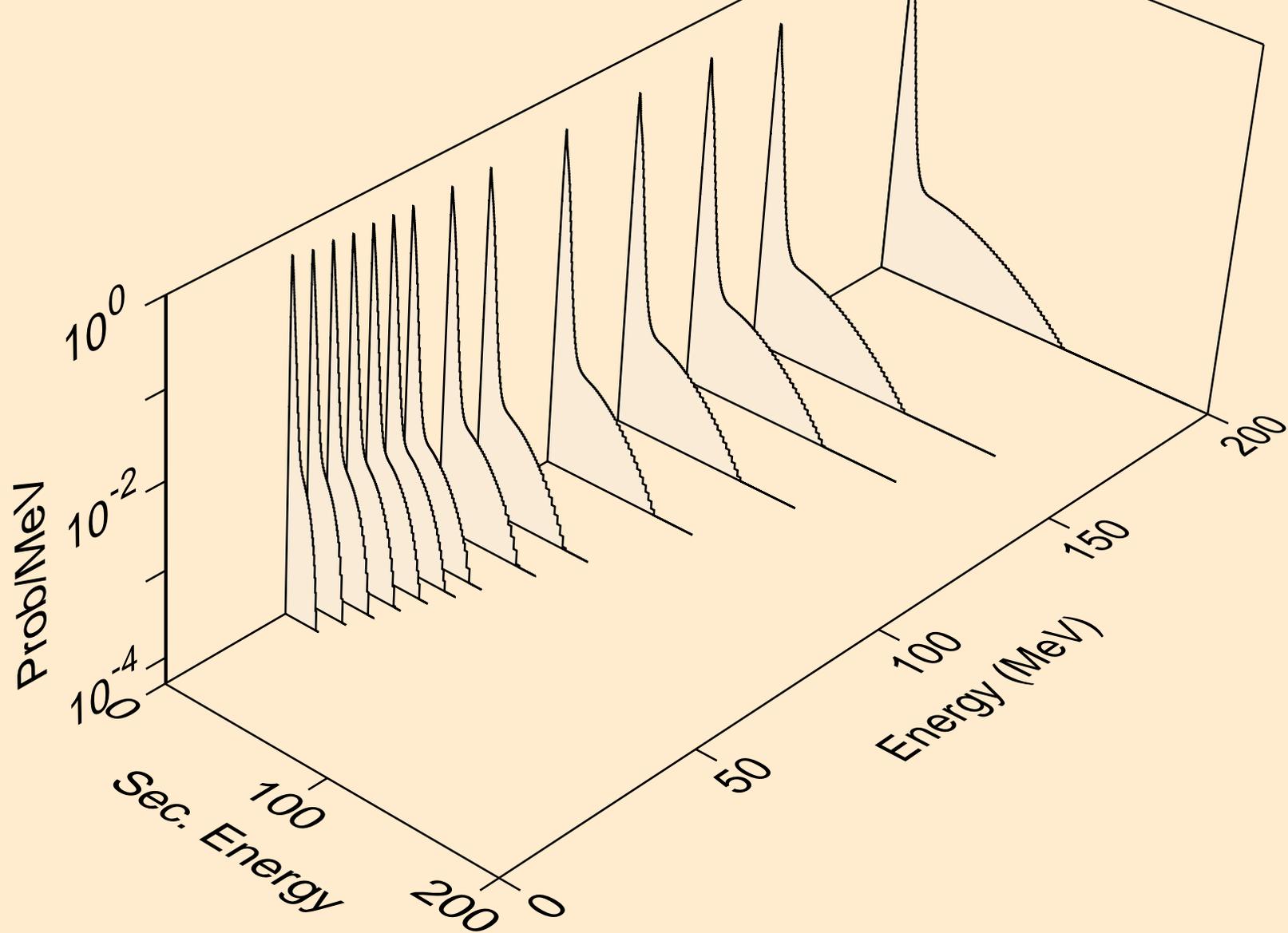
## Particle production cross sections



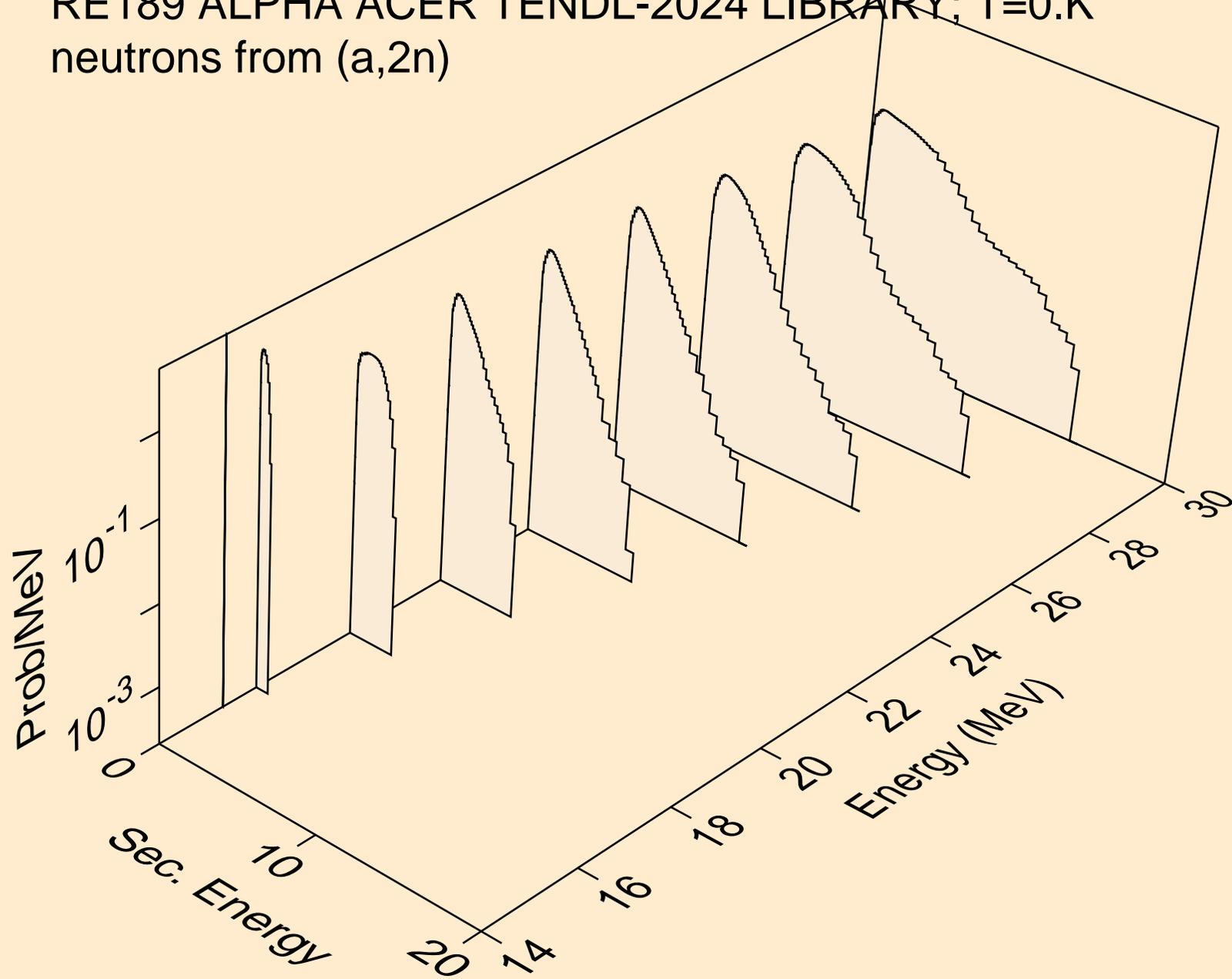
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



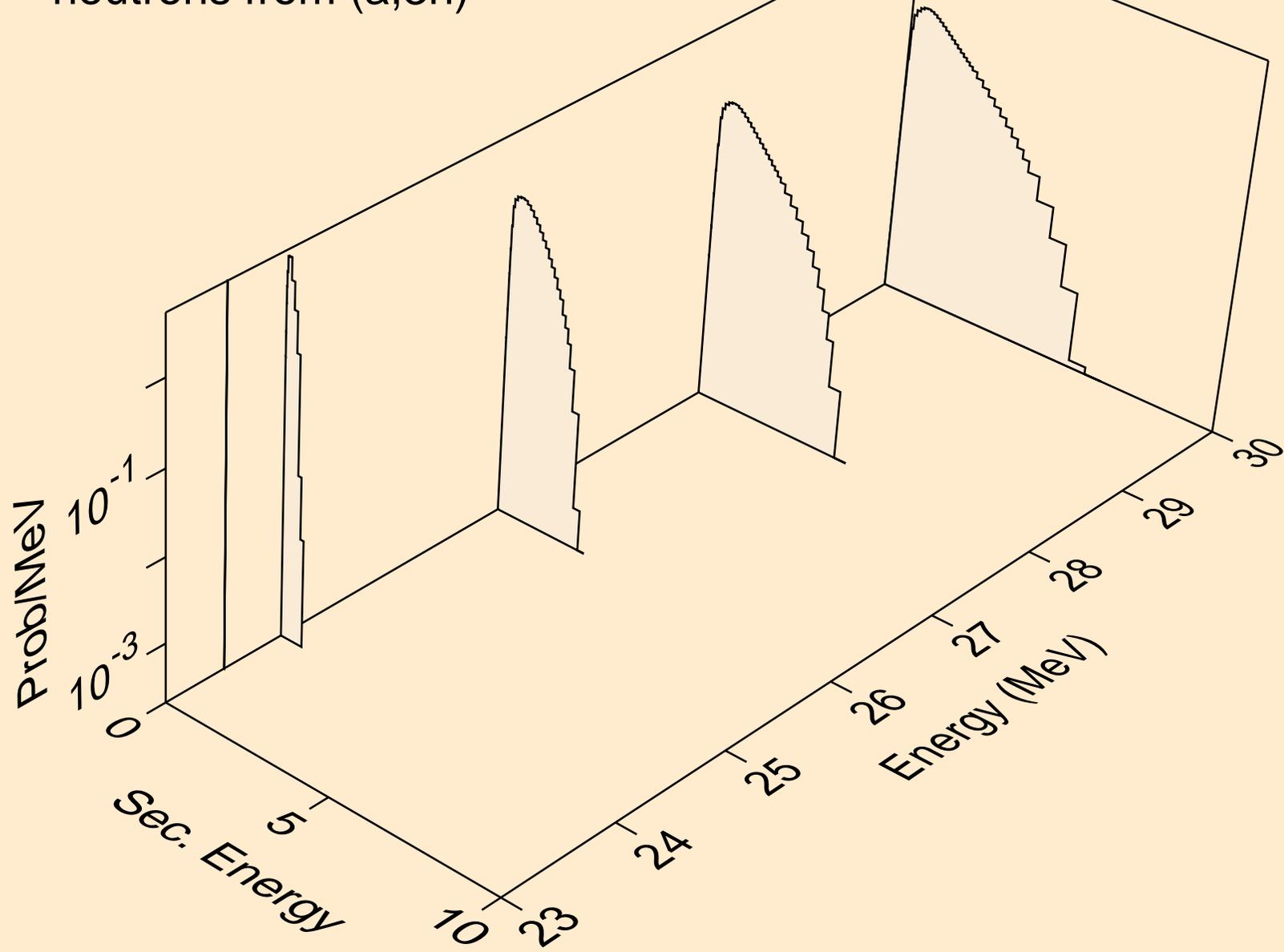
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



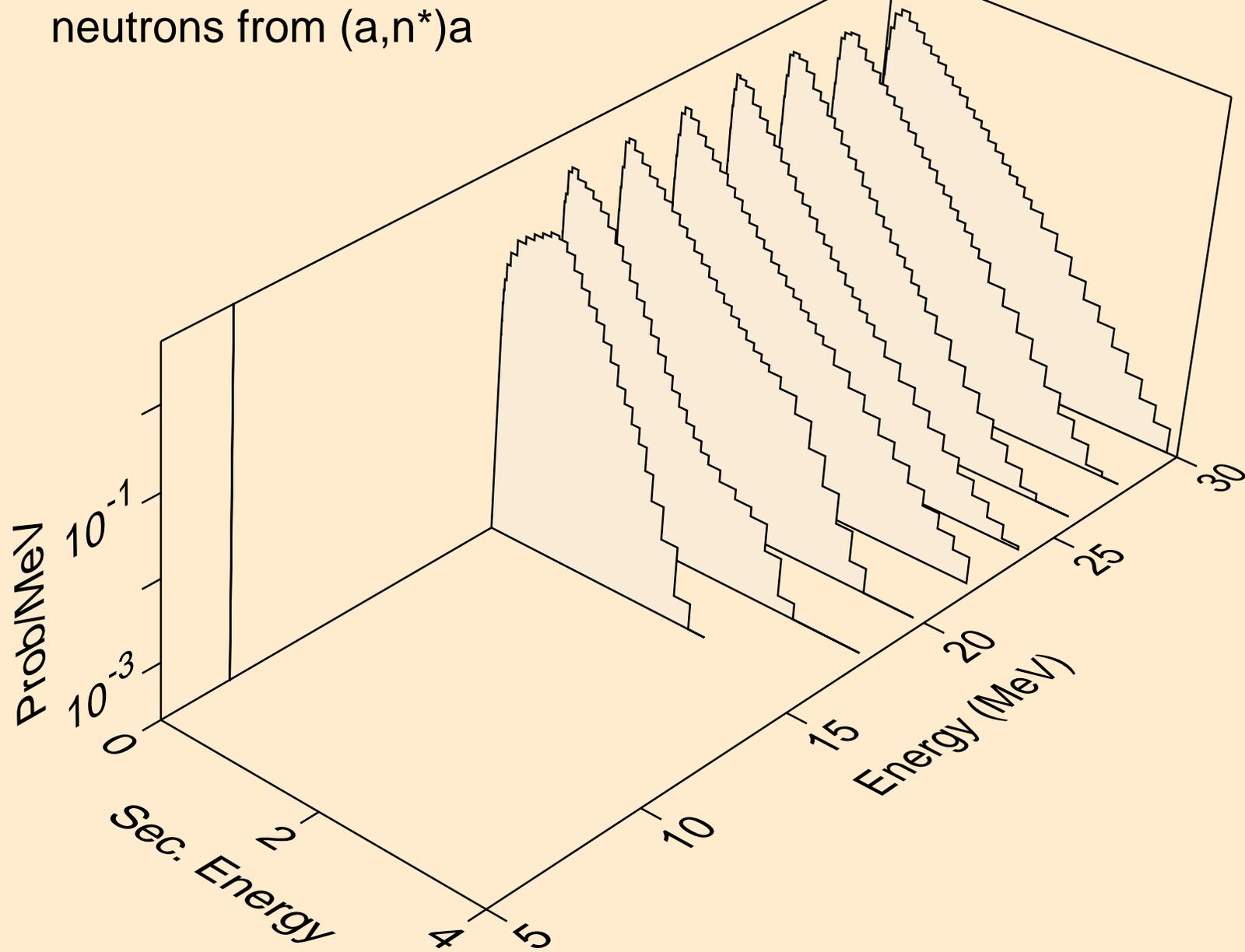
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



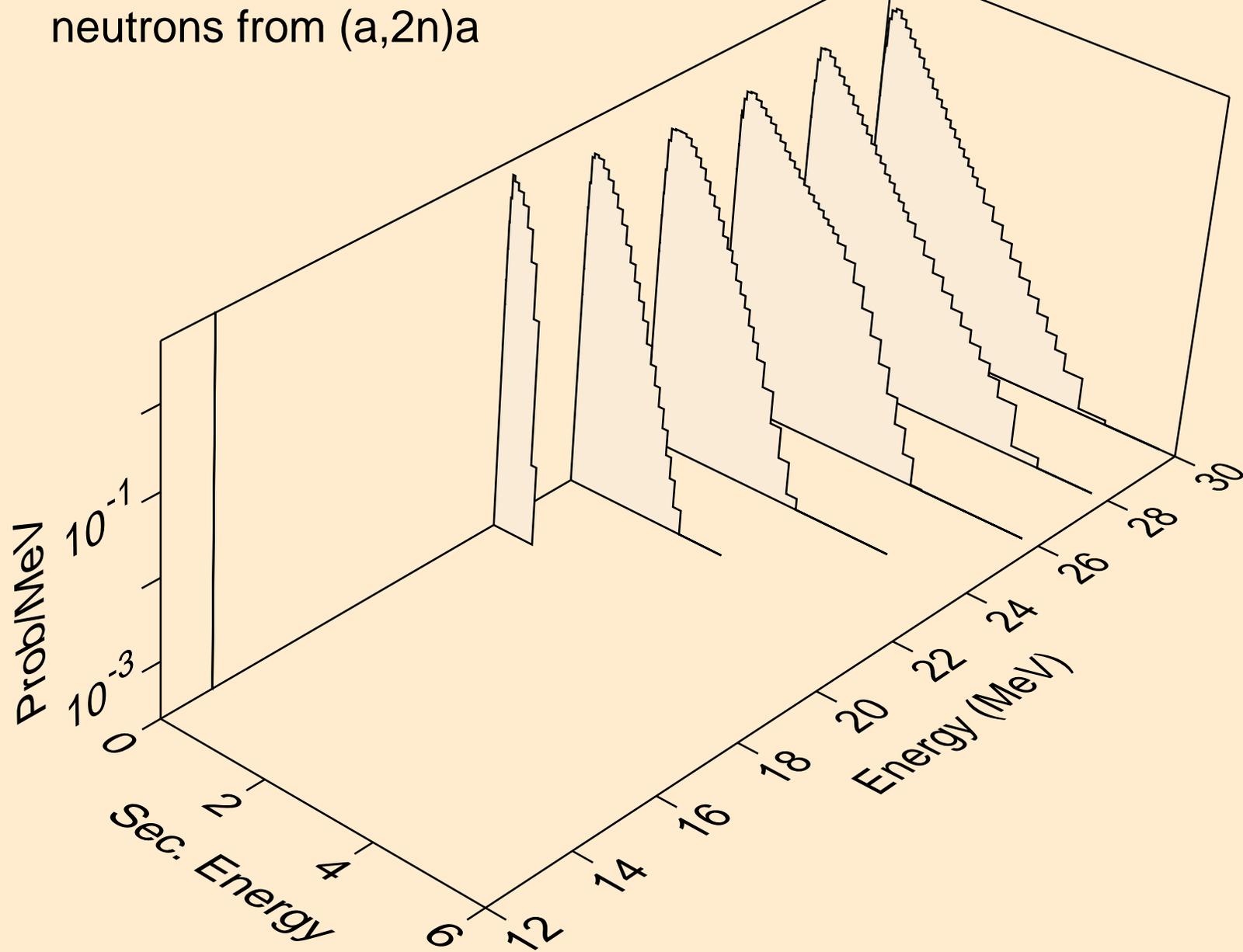
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neutrons from (a,3n)



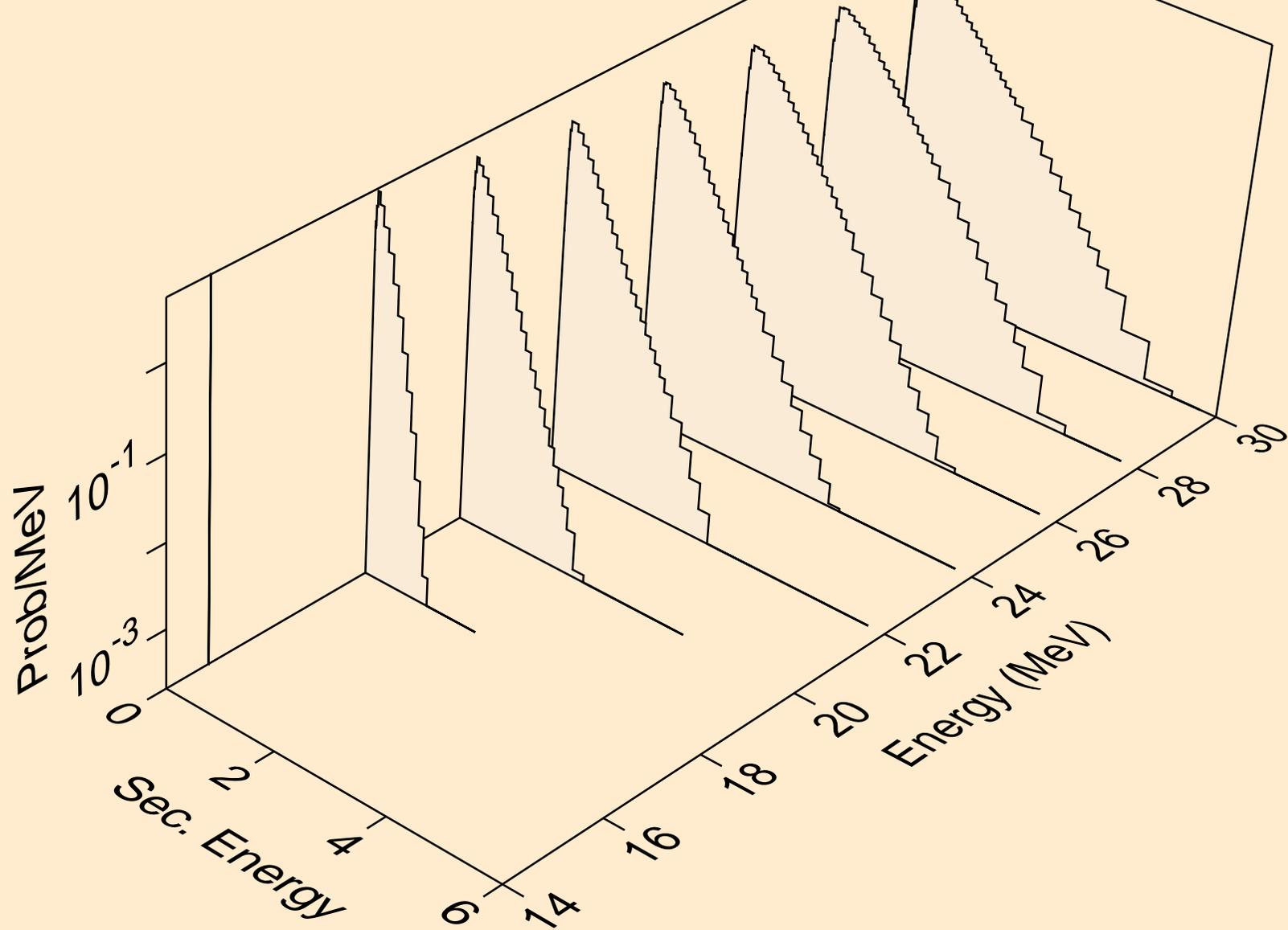
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



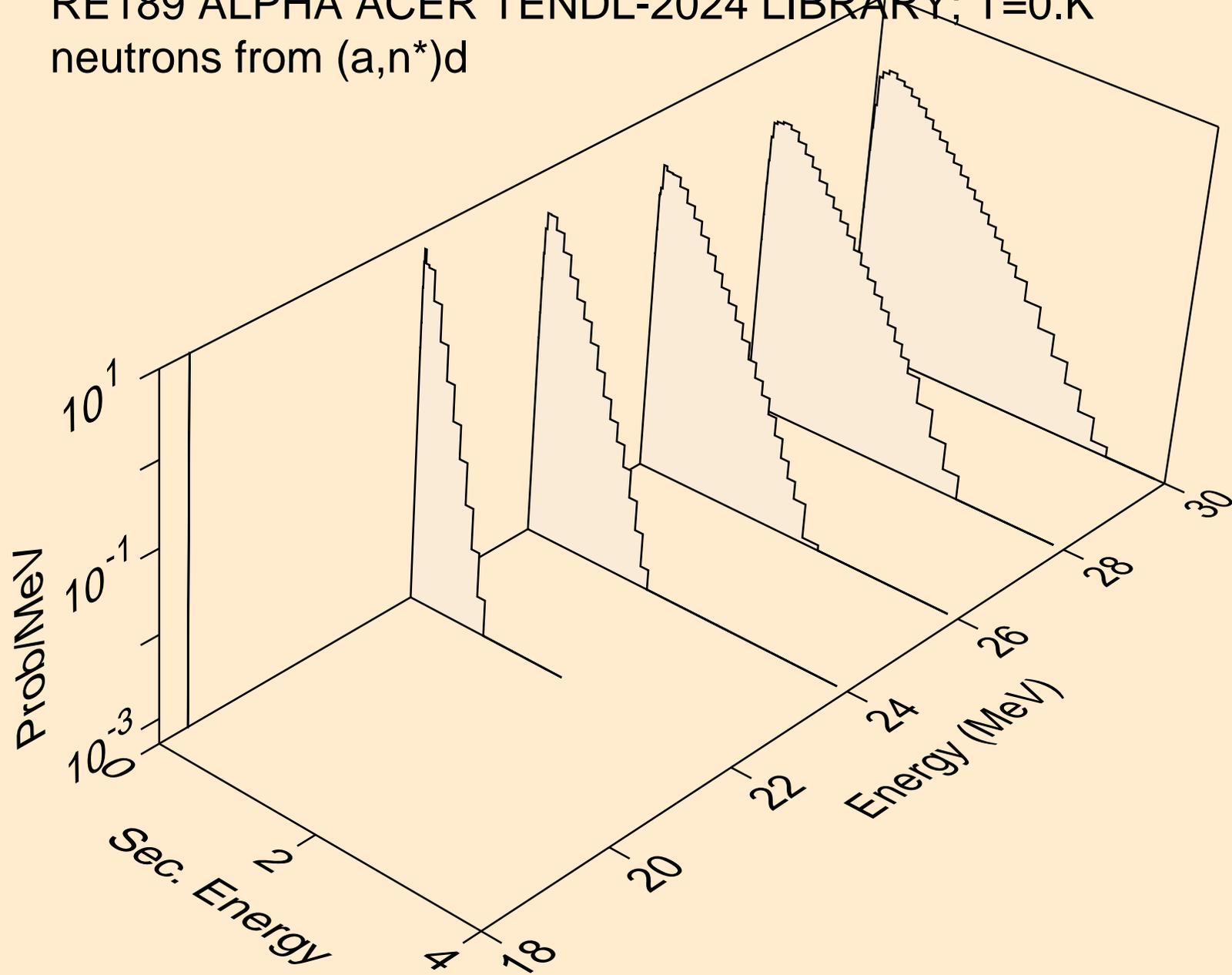
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neutrons from (a,2n)a



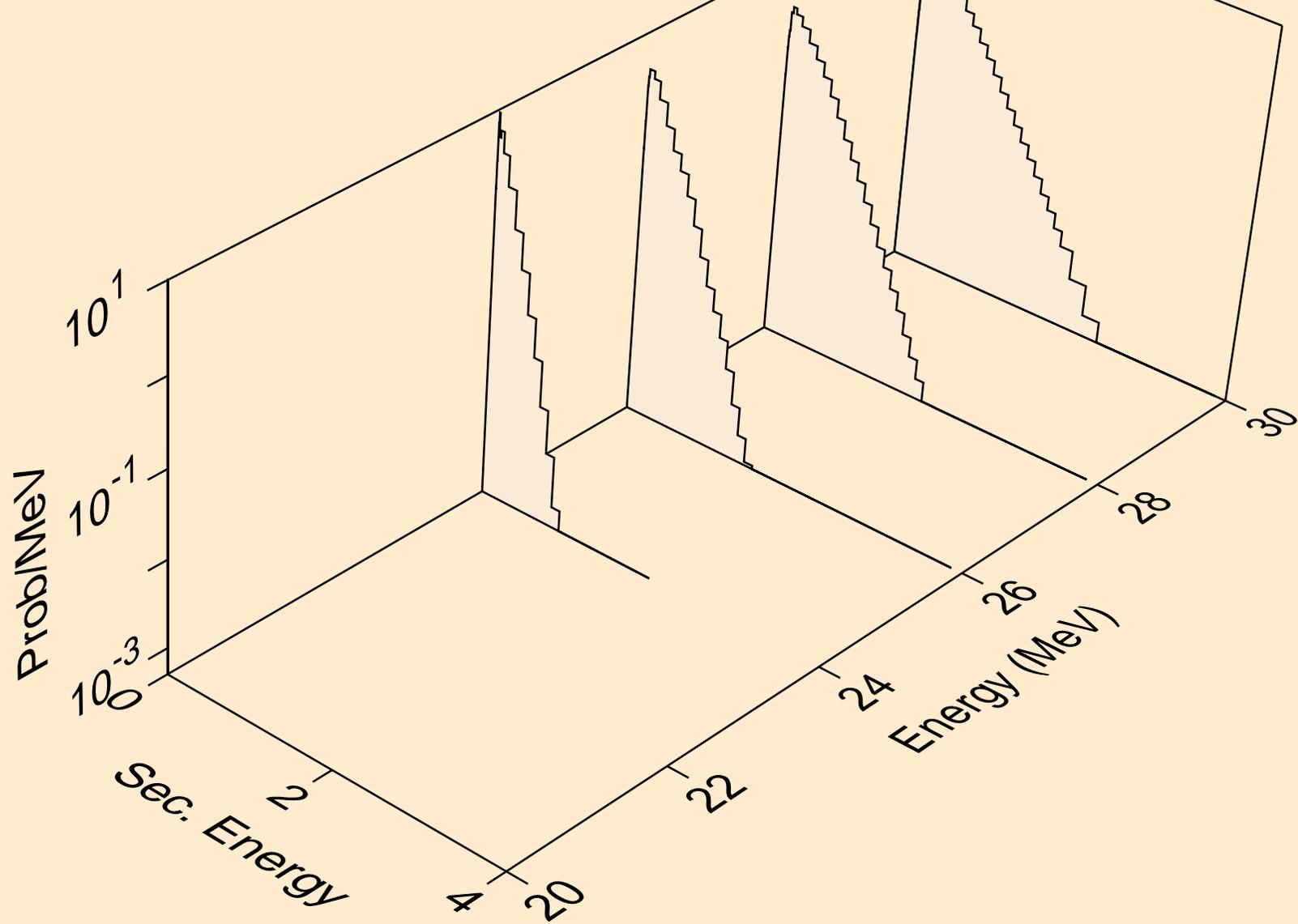
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neutrons from (a,n\*)p



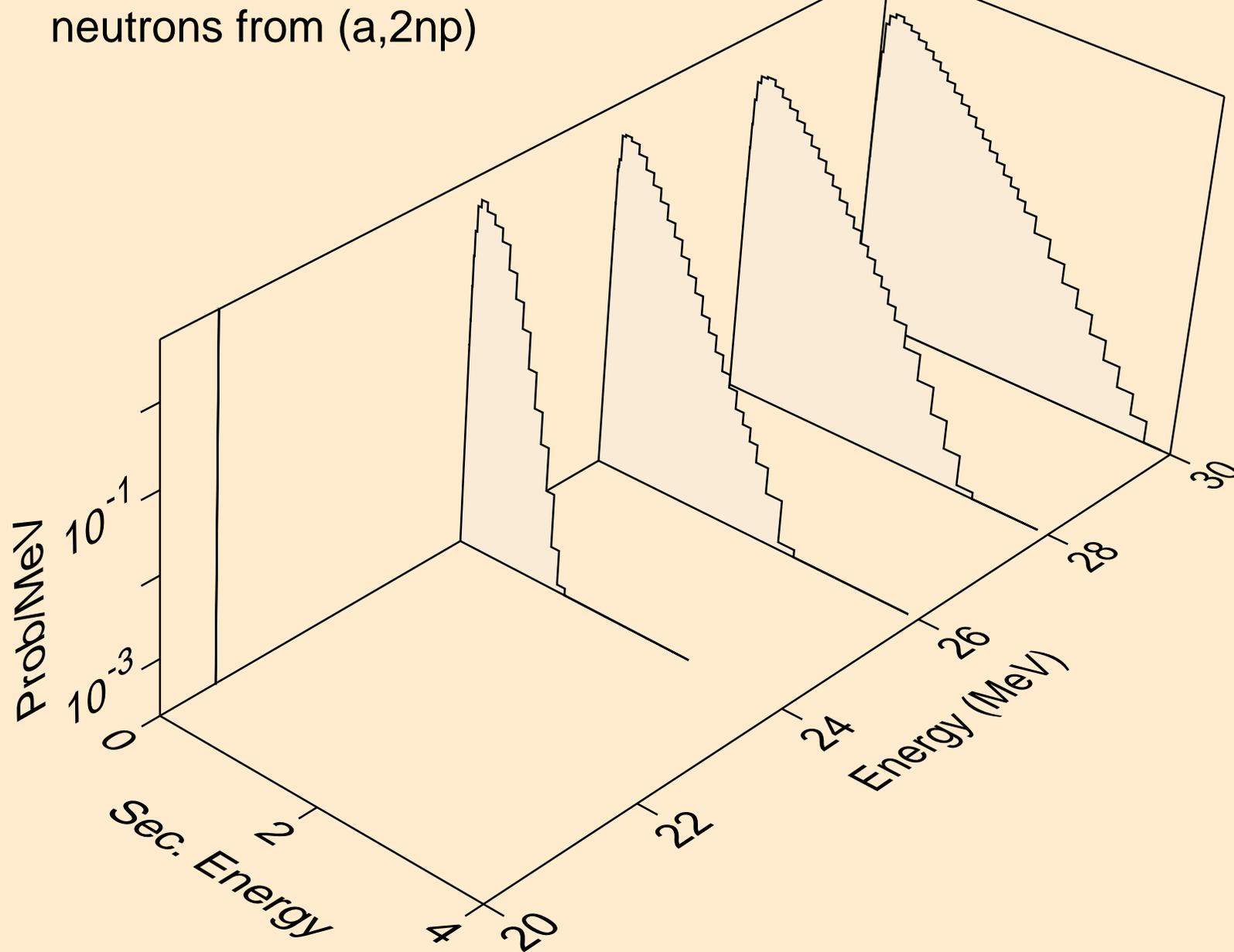
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neutrons from (a,n\*)d



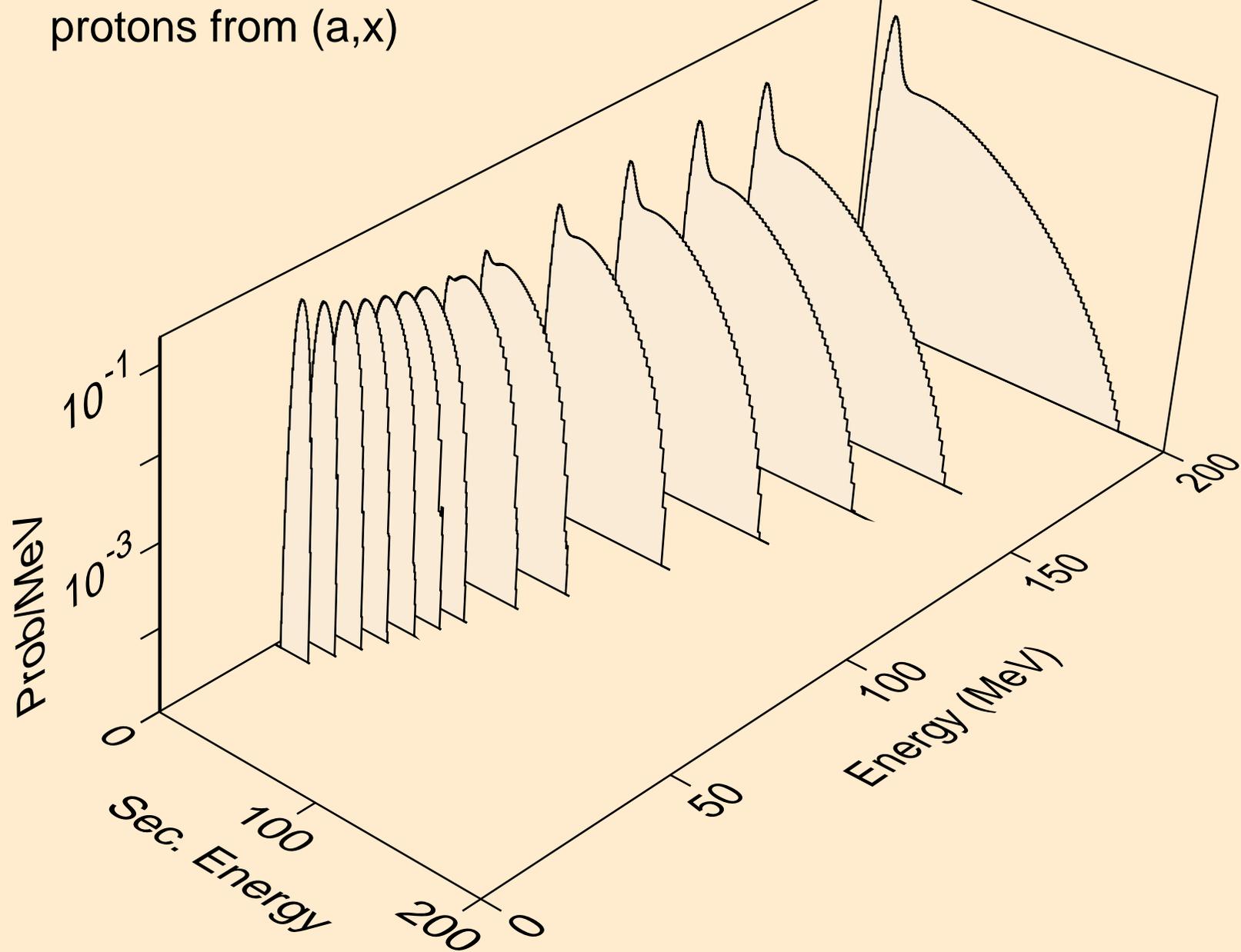
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neutrons from (a,n\*)t



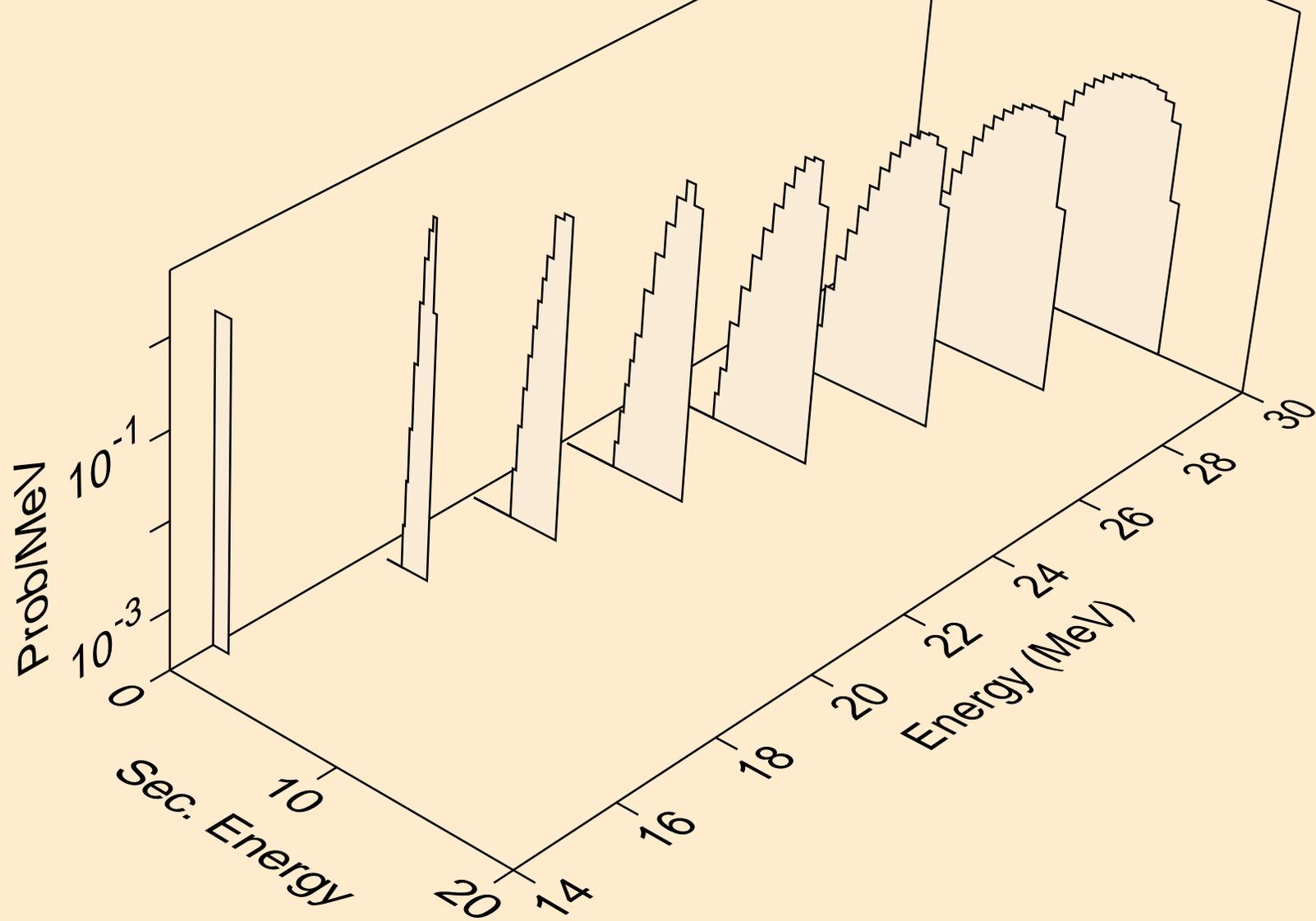
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neutrons from (a,2np)



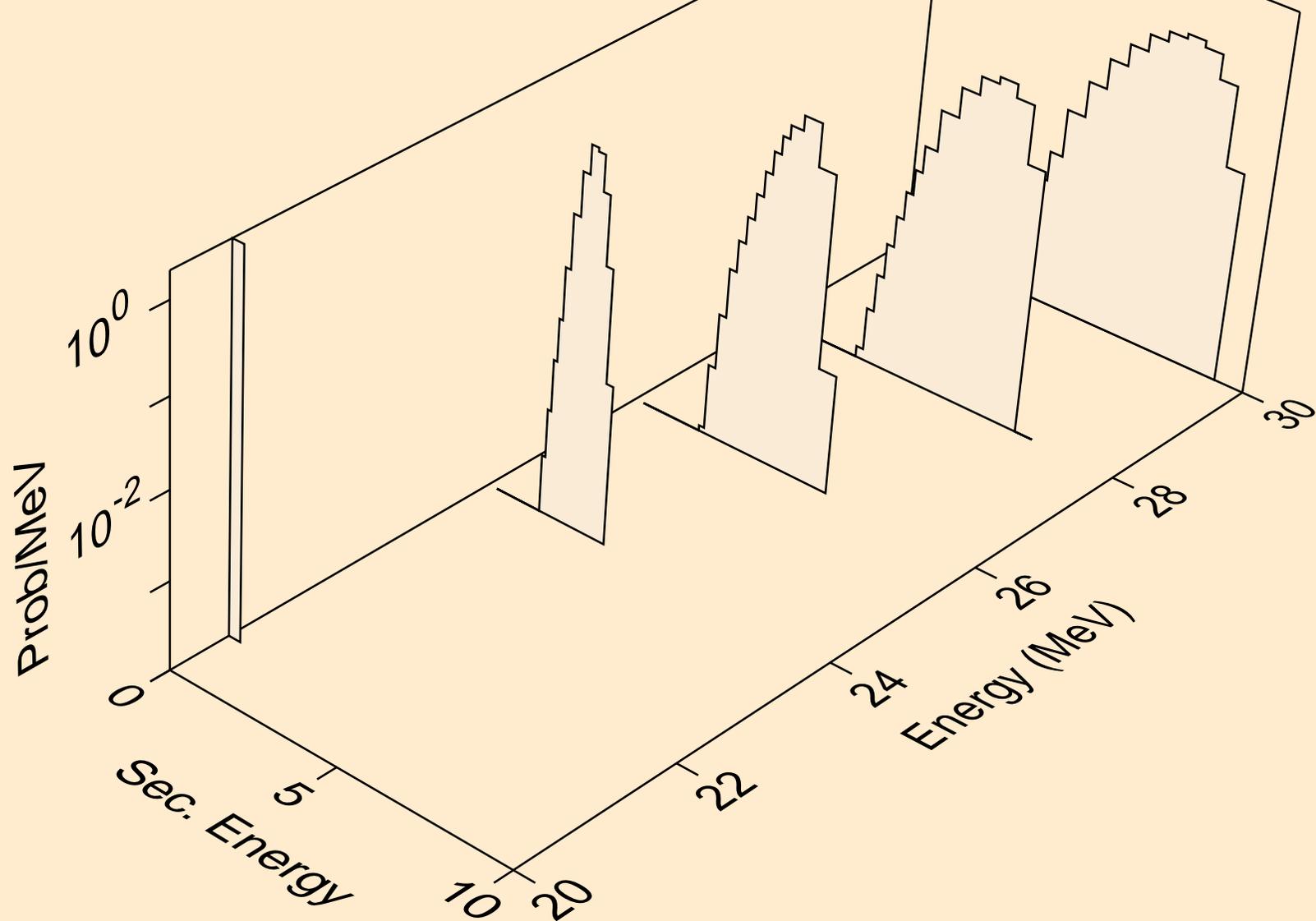
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protons from (a,x)



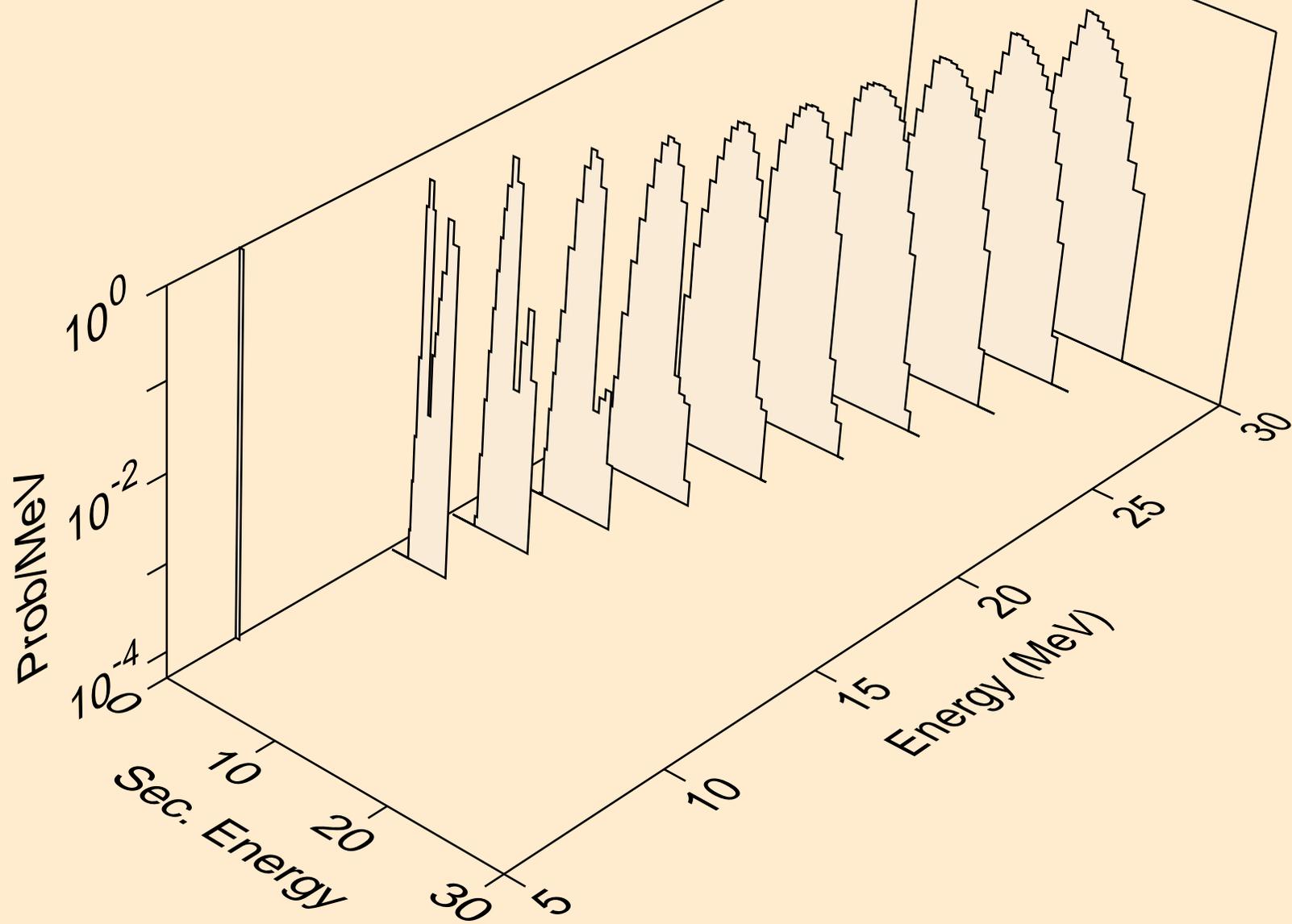
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protons from (a,n\*)p



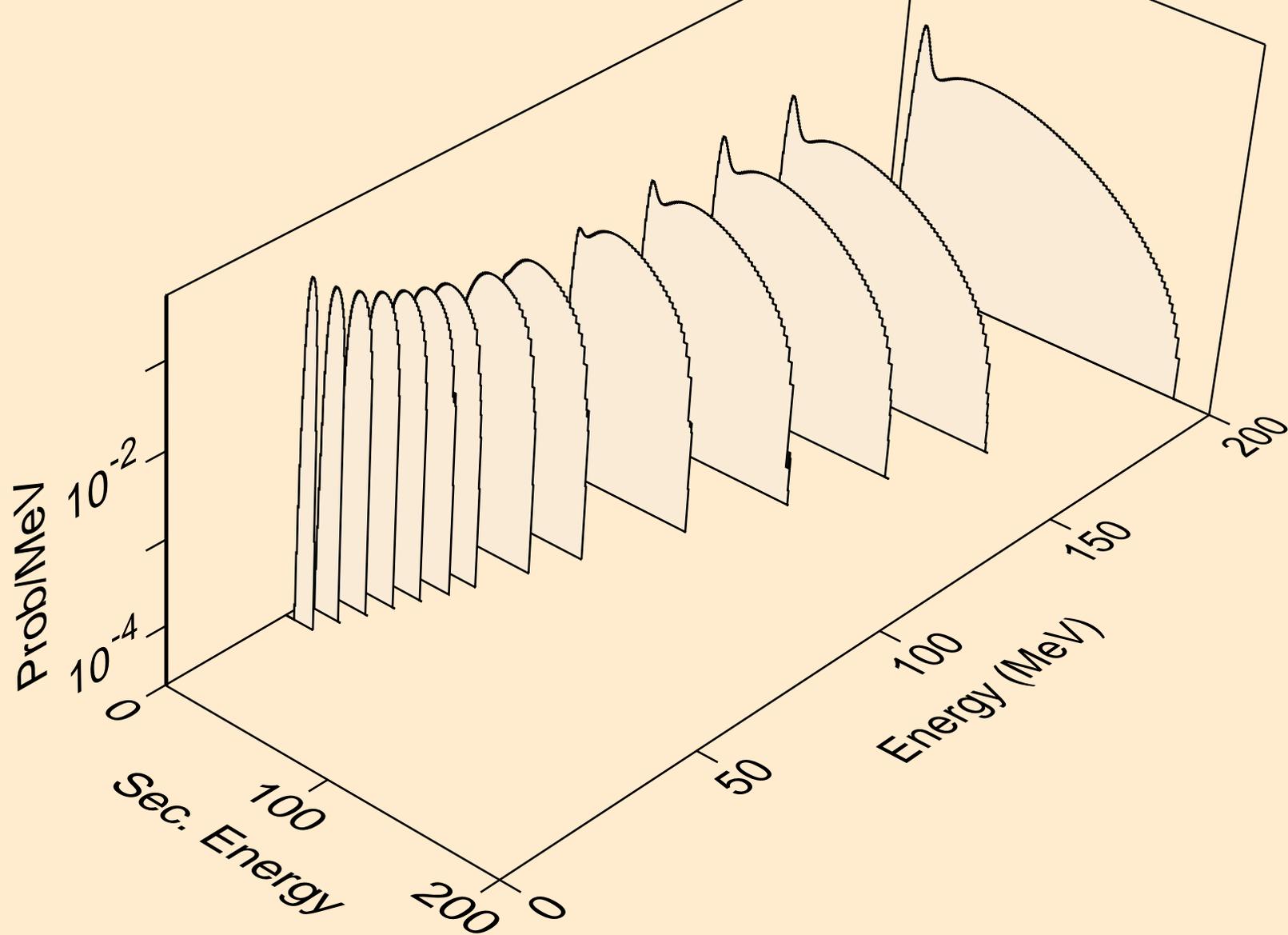
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protons from (a,2np)



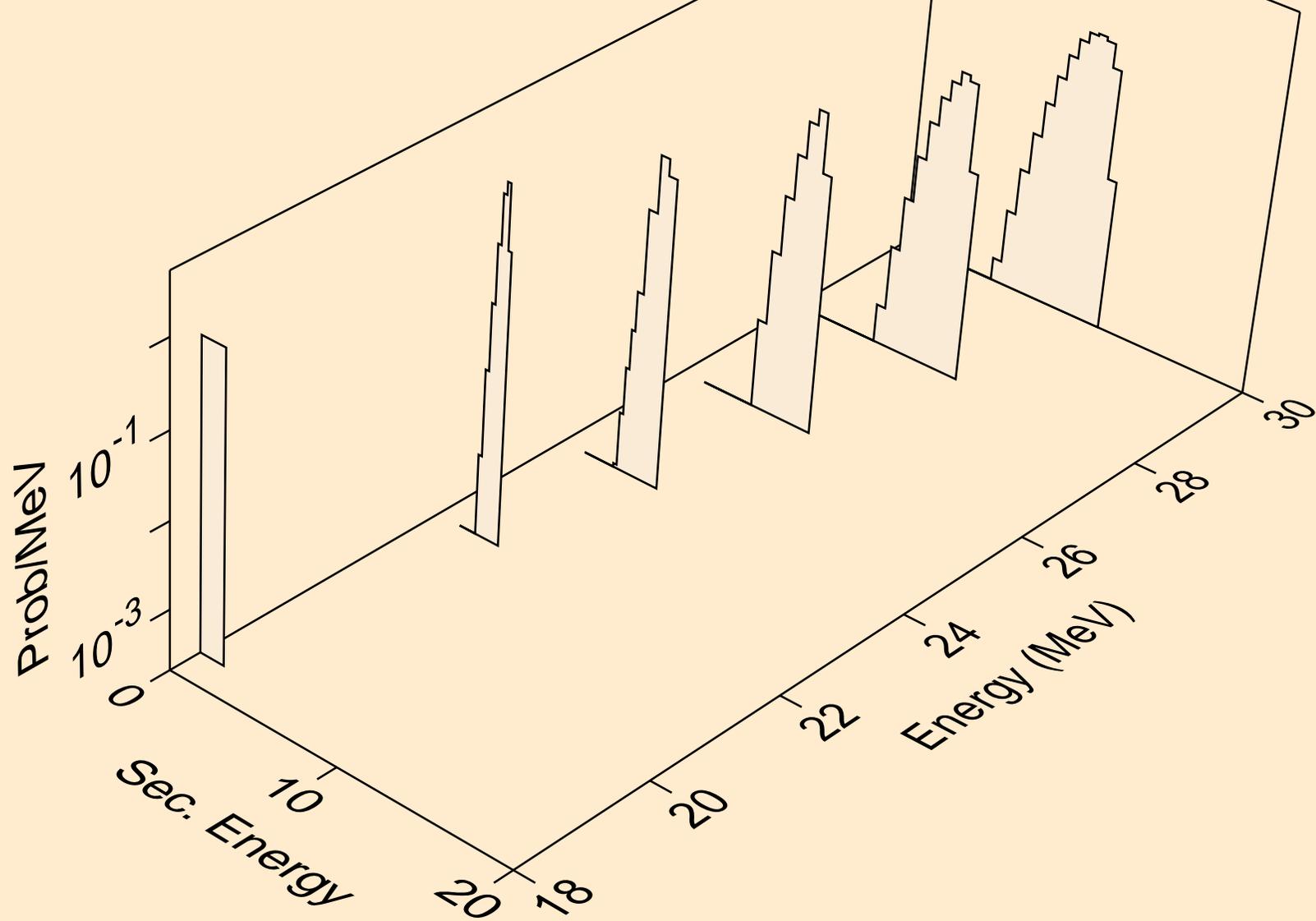
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protons from (a,p)



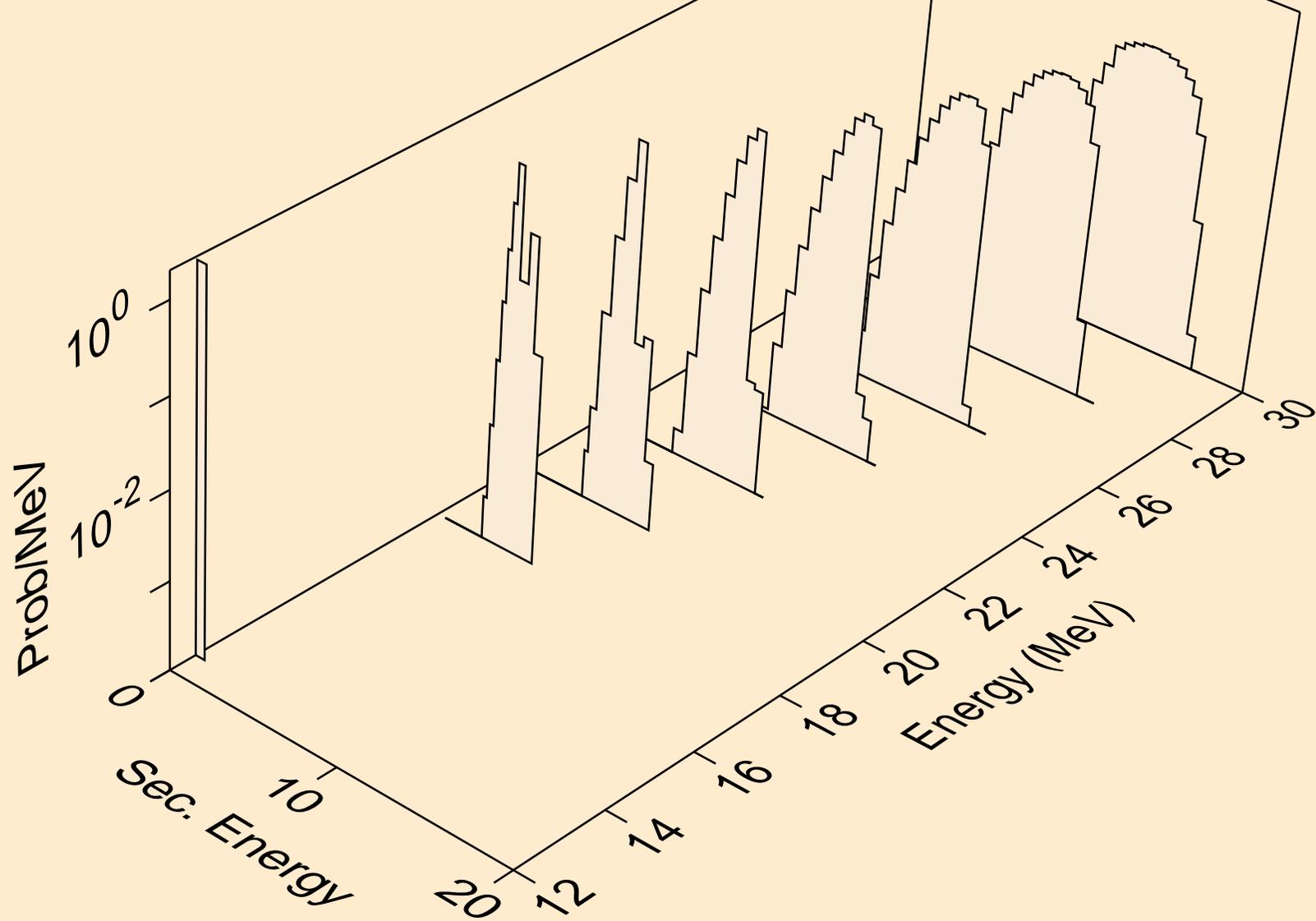
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deuterons from (a,x)



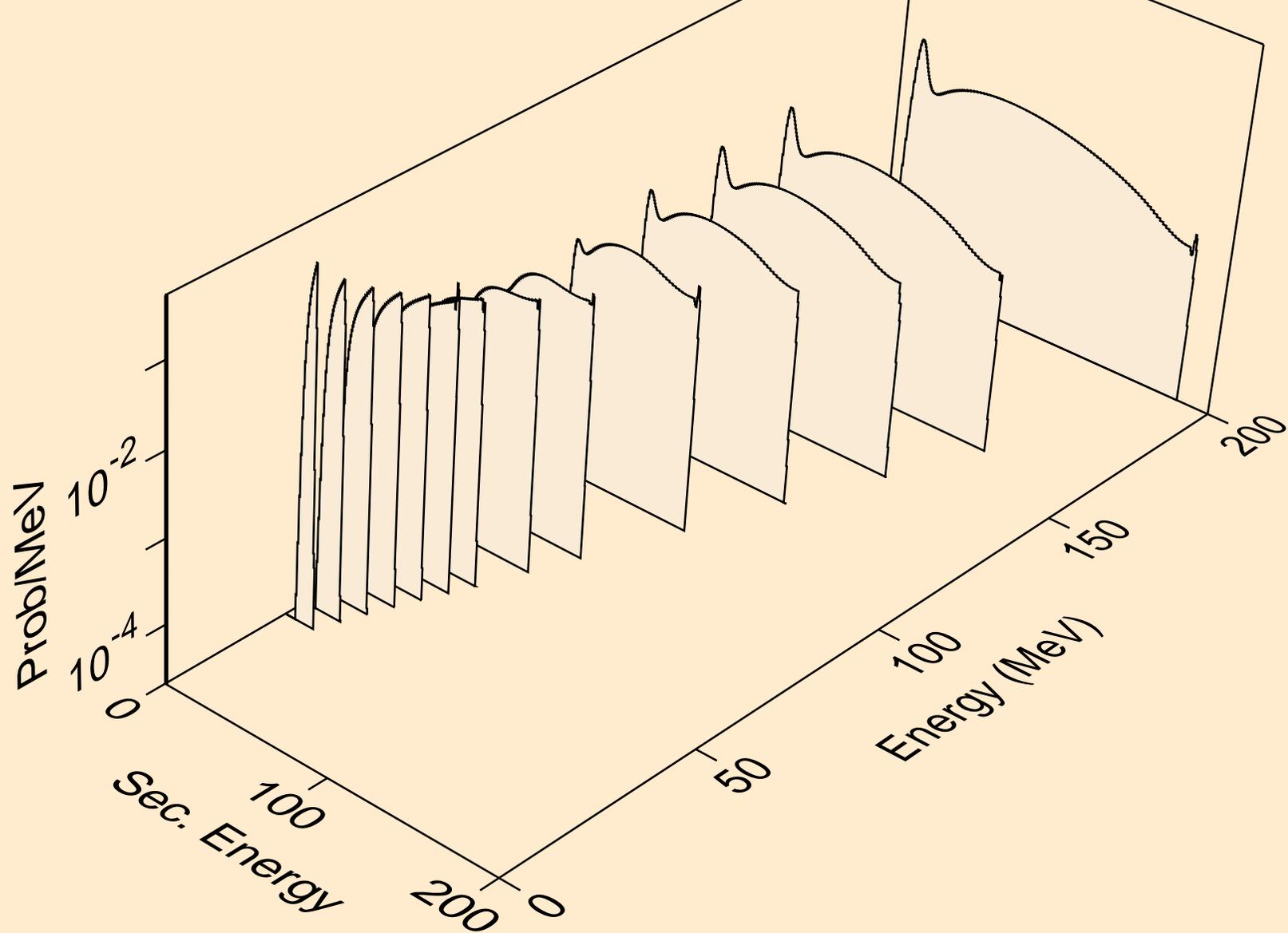
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



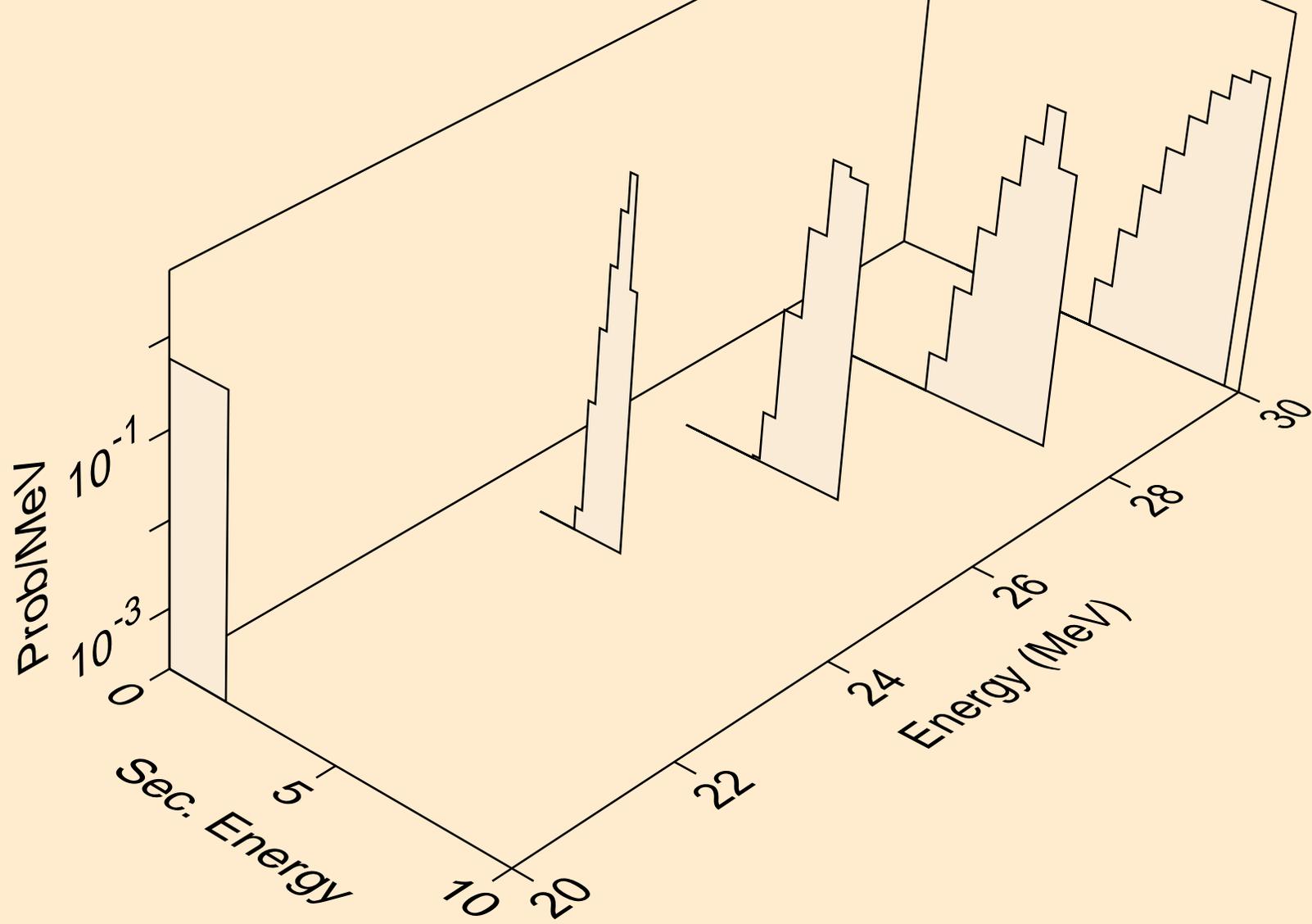
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deuterons from (a,d)



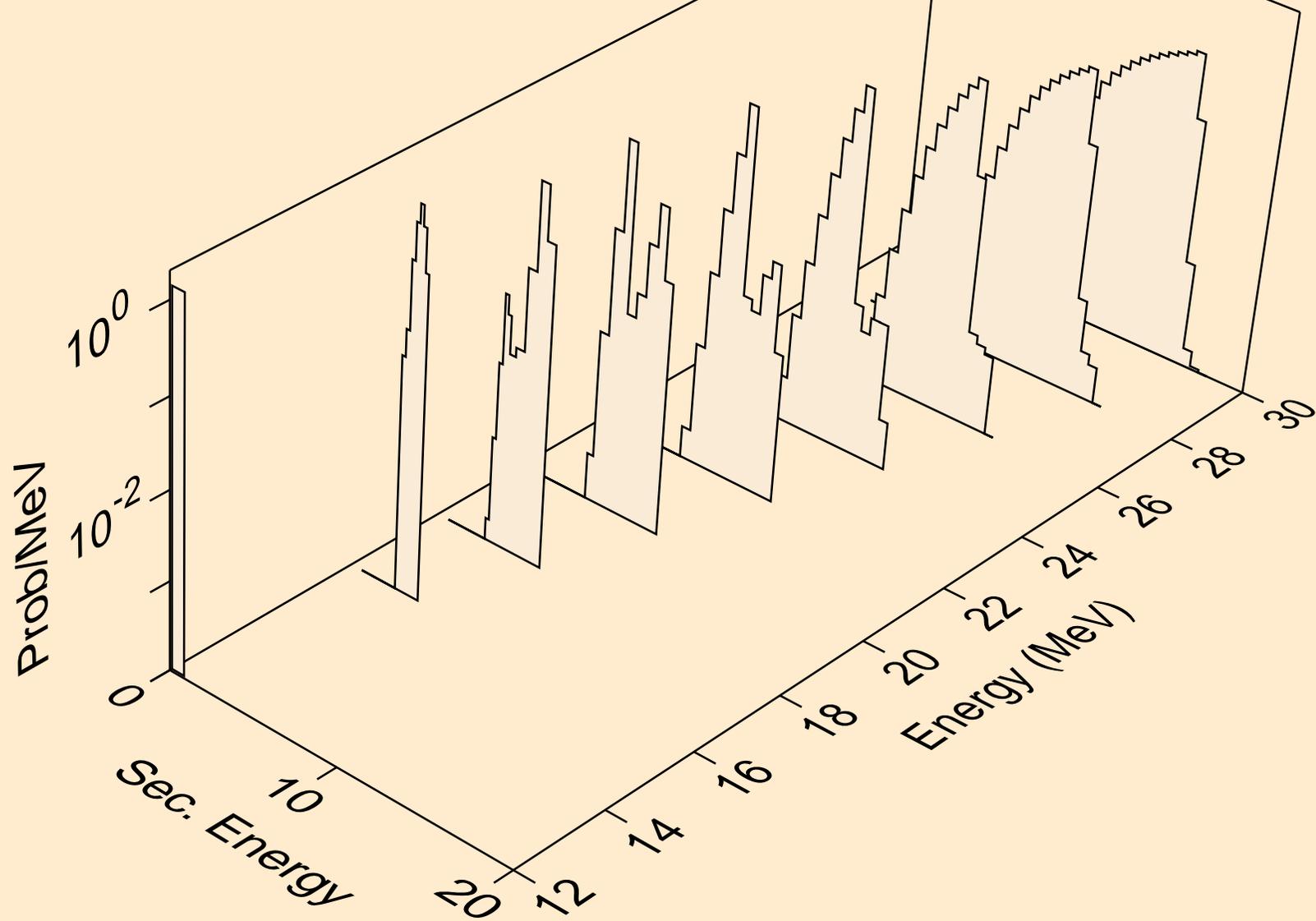
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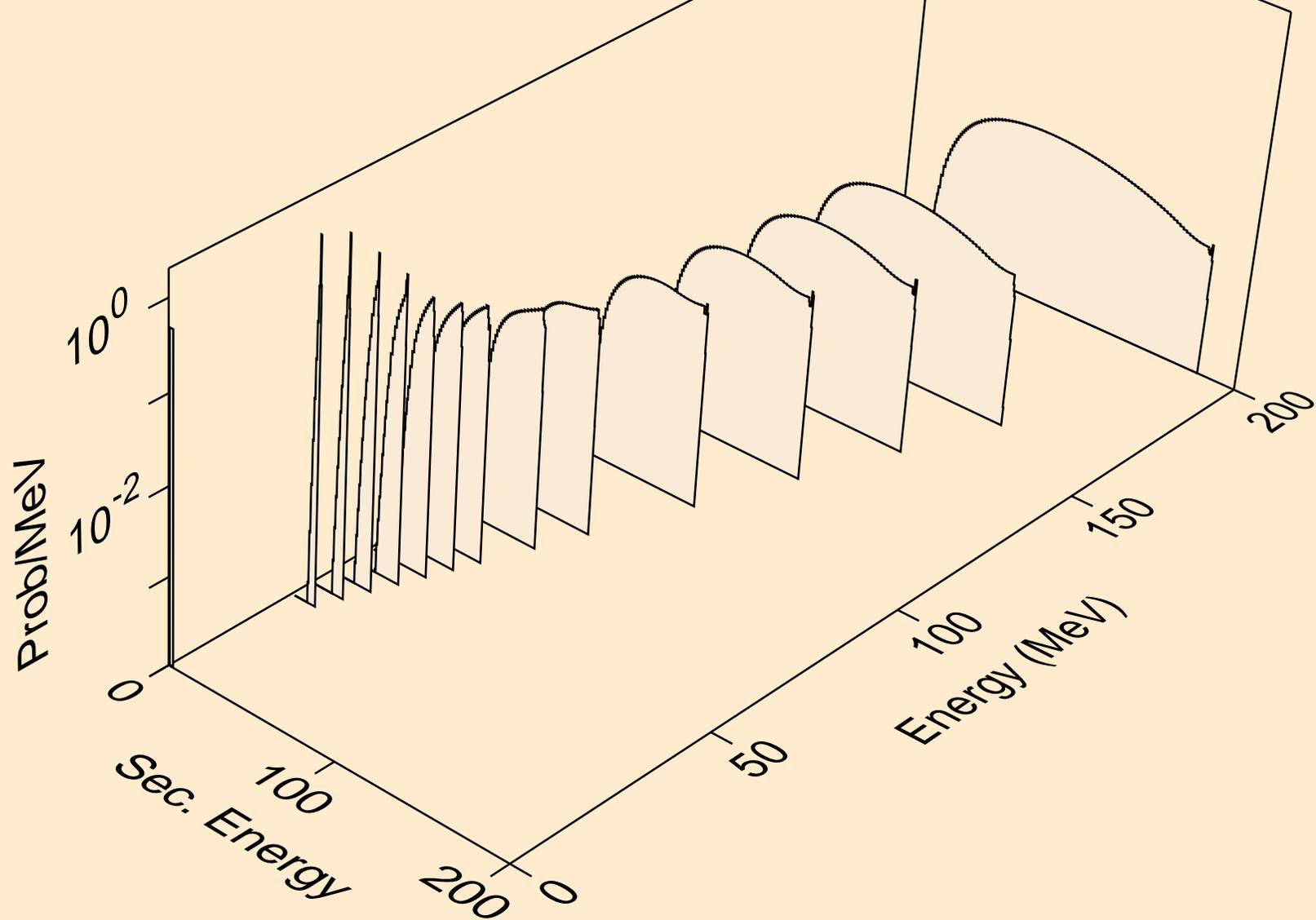
RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t



RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



RE189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

