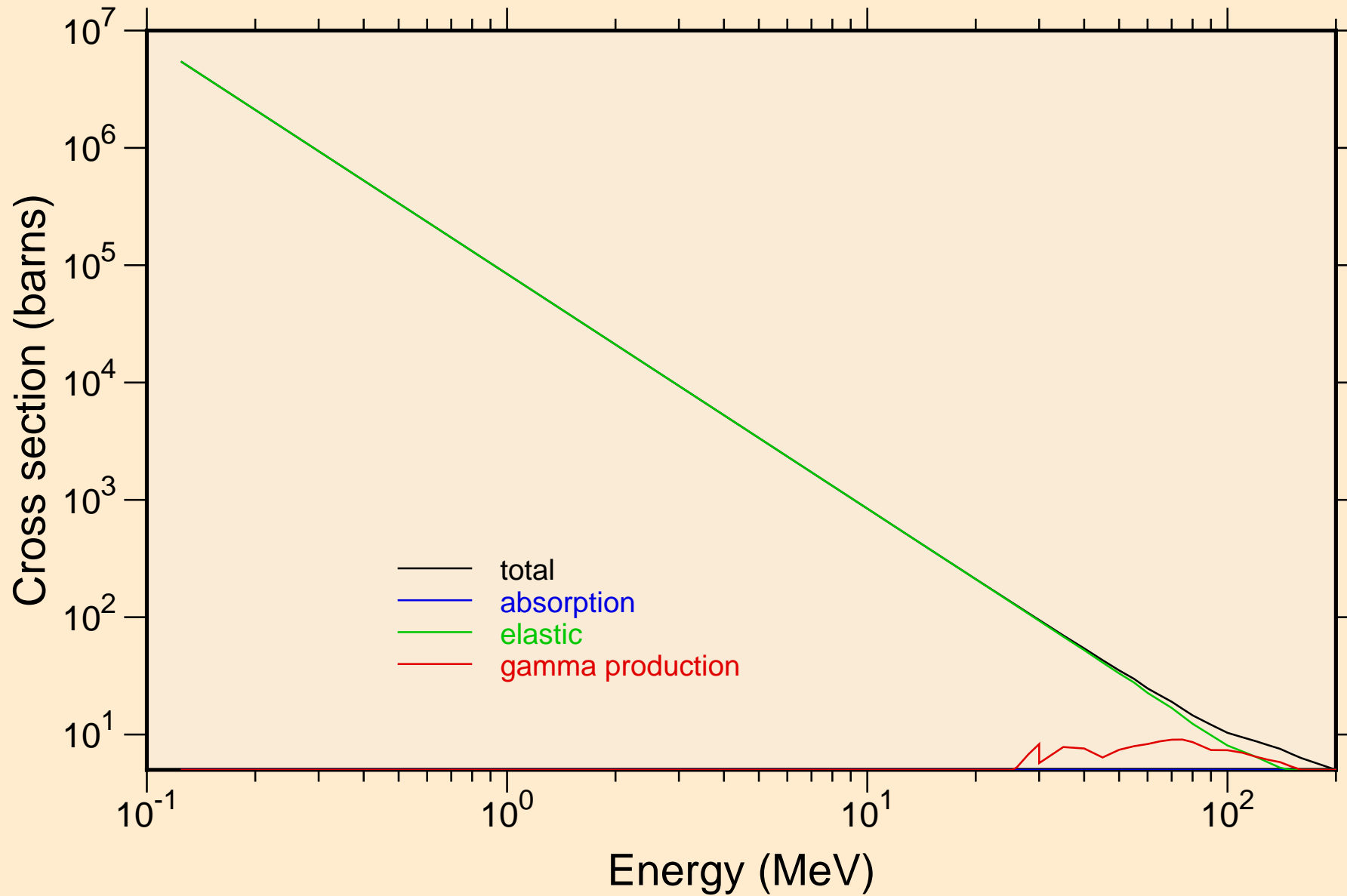


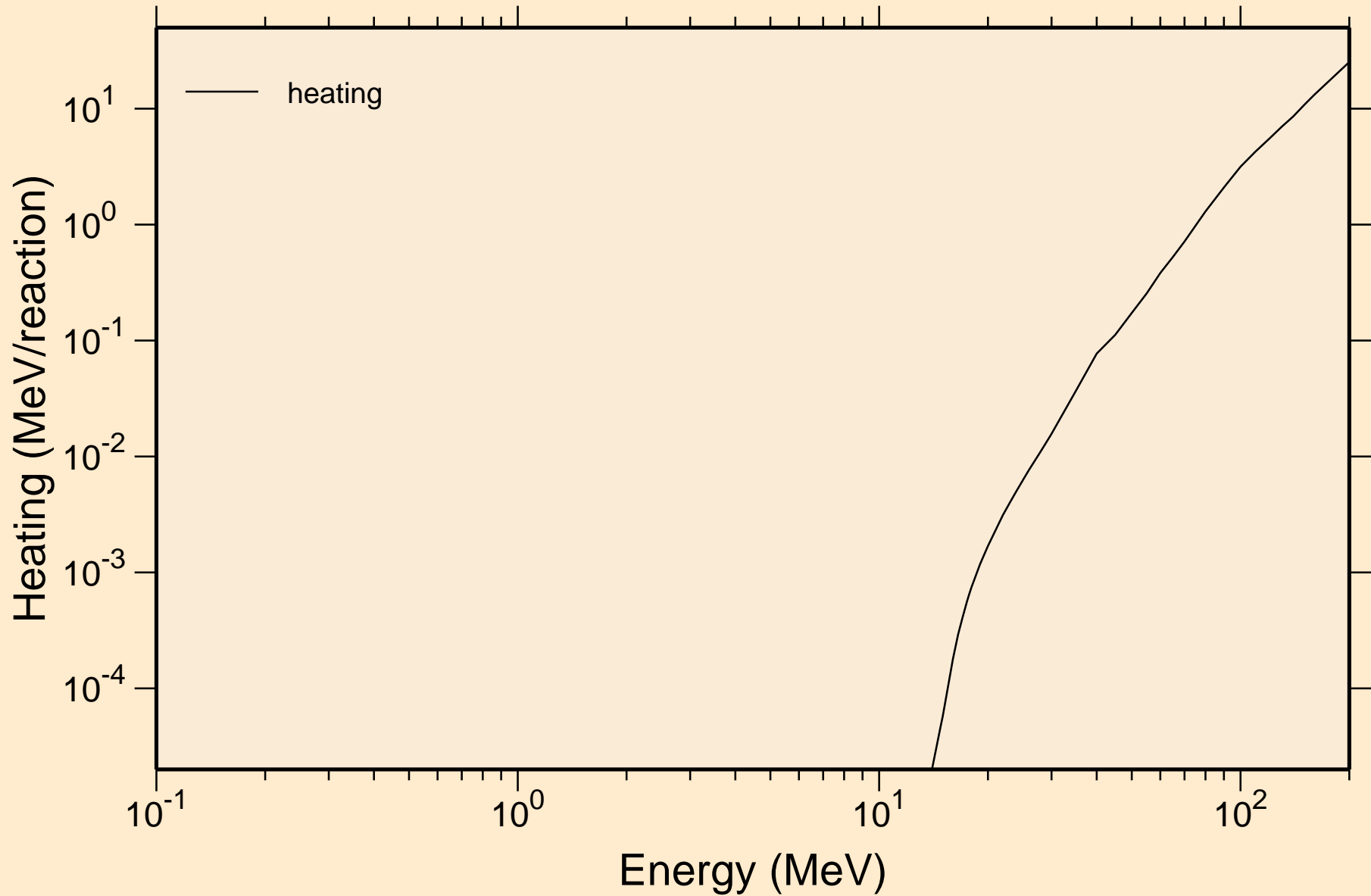
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



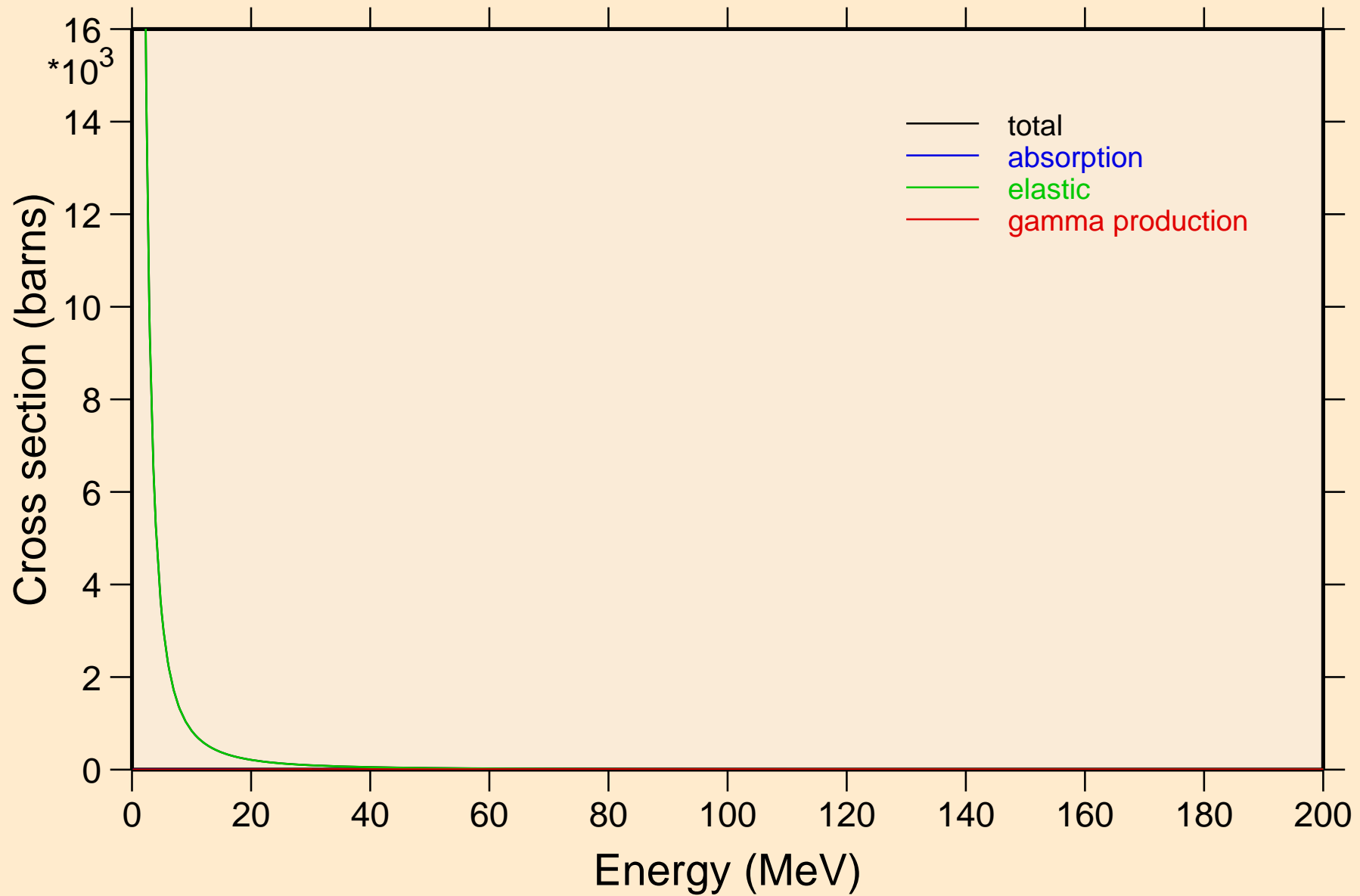
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



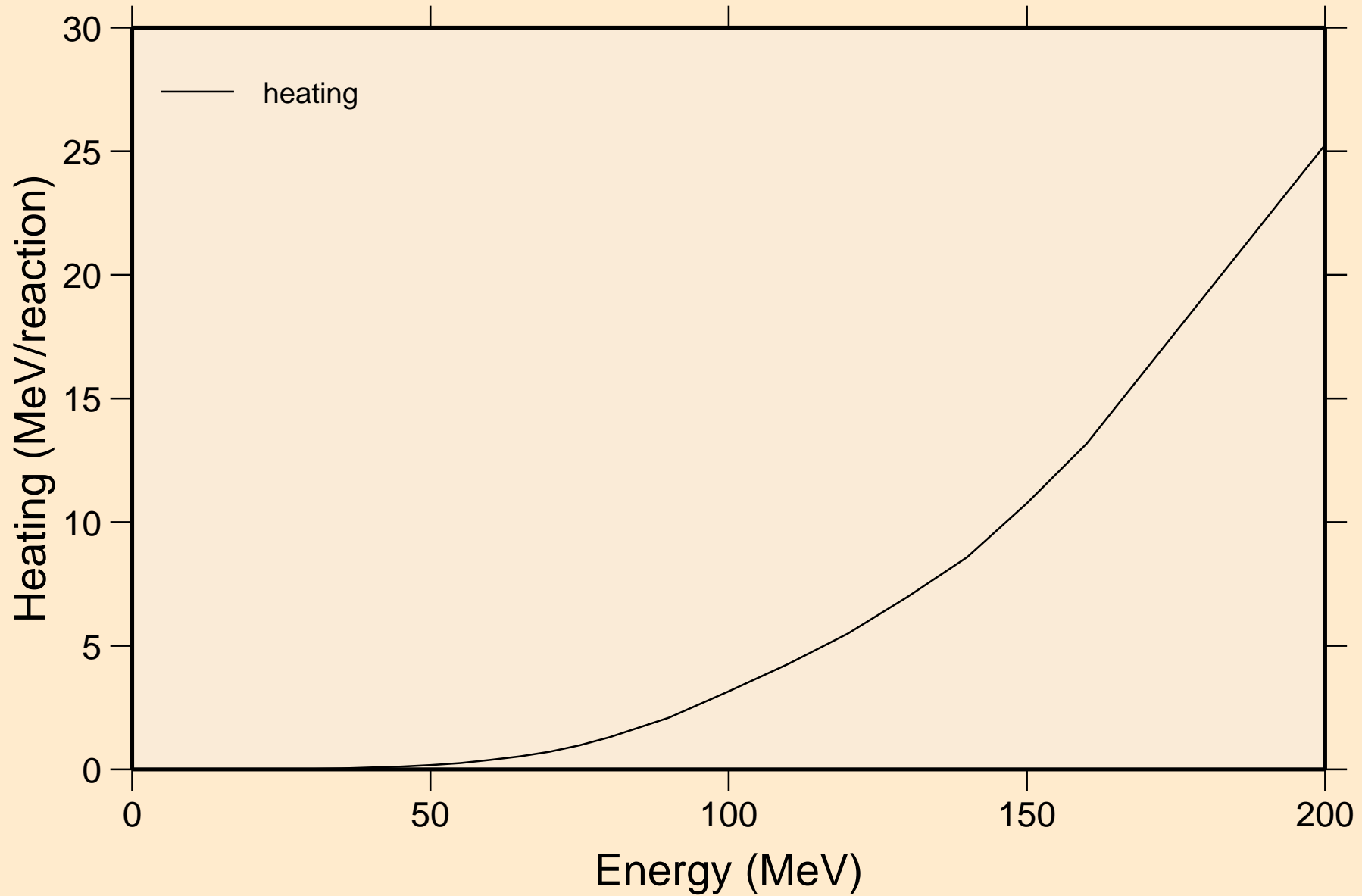
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Principal cross sections



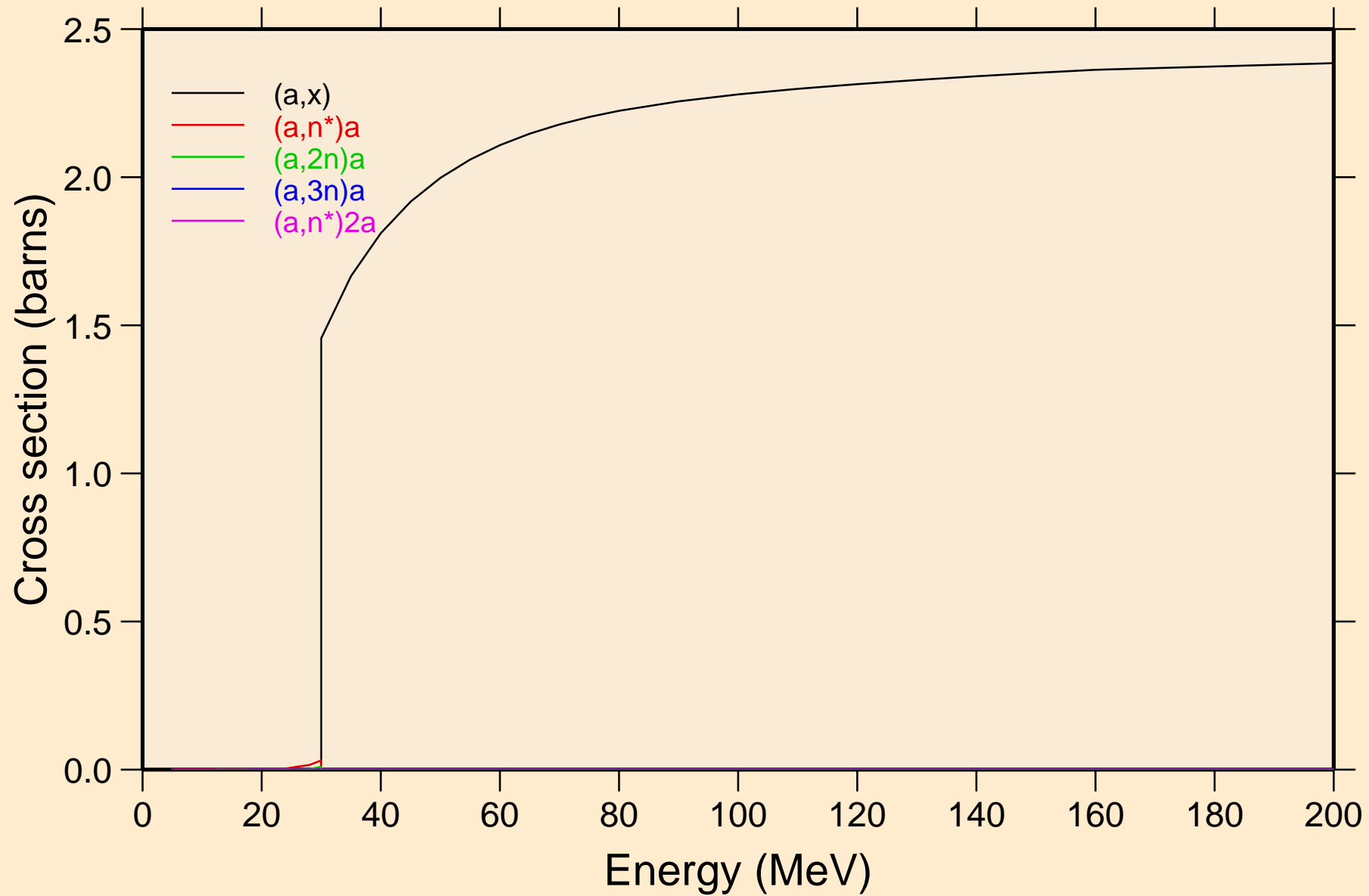
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Heating

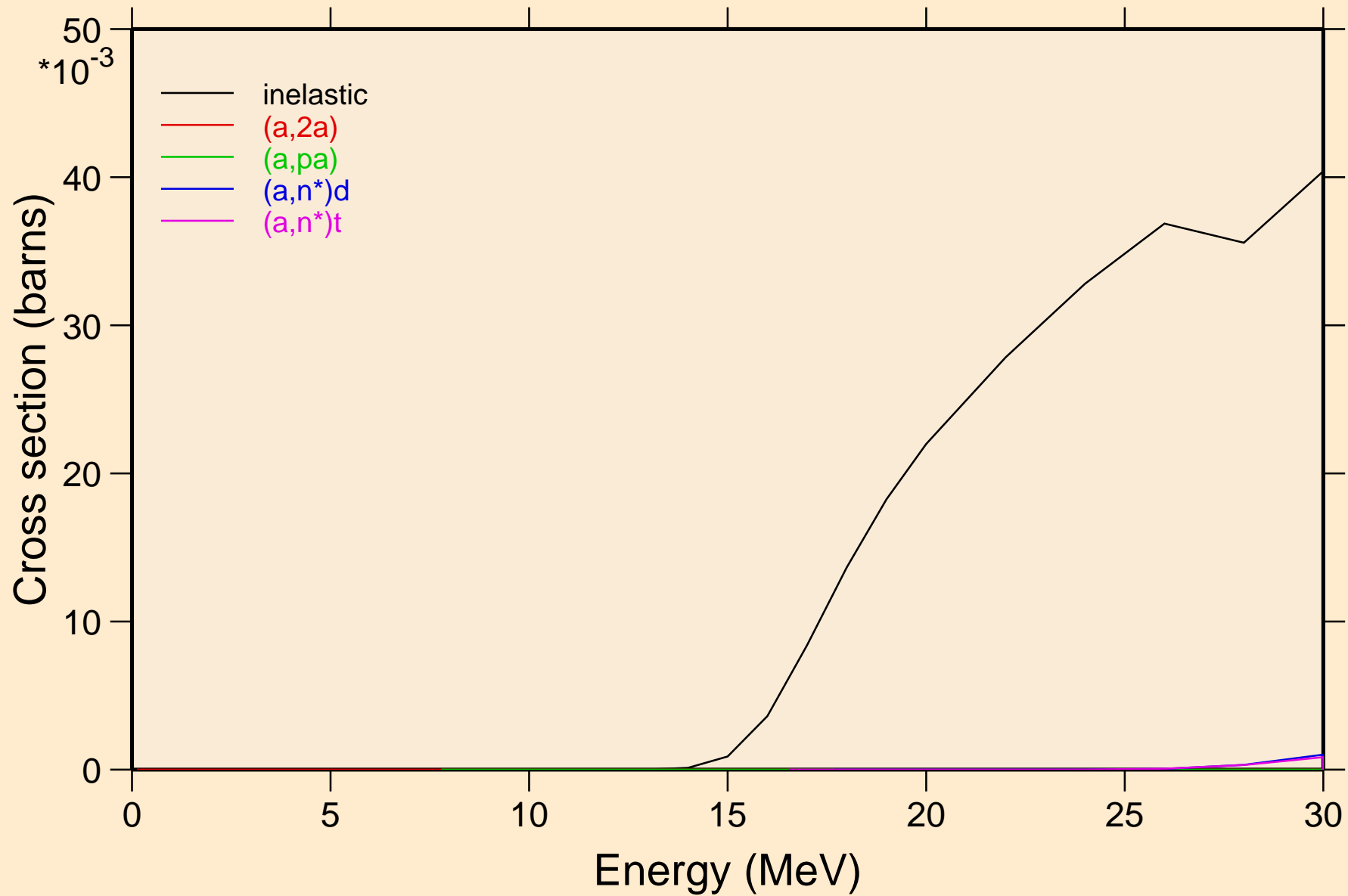


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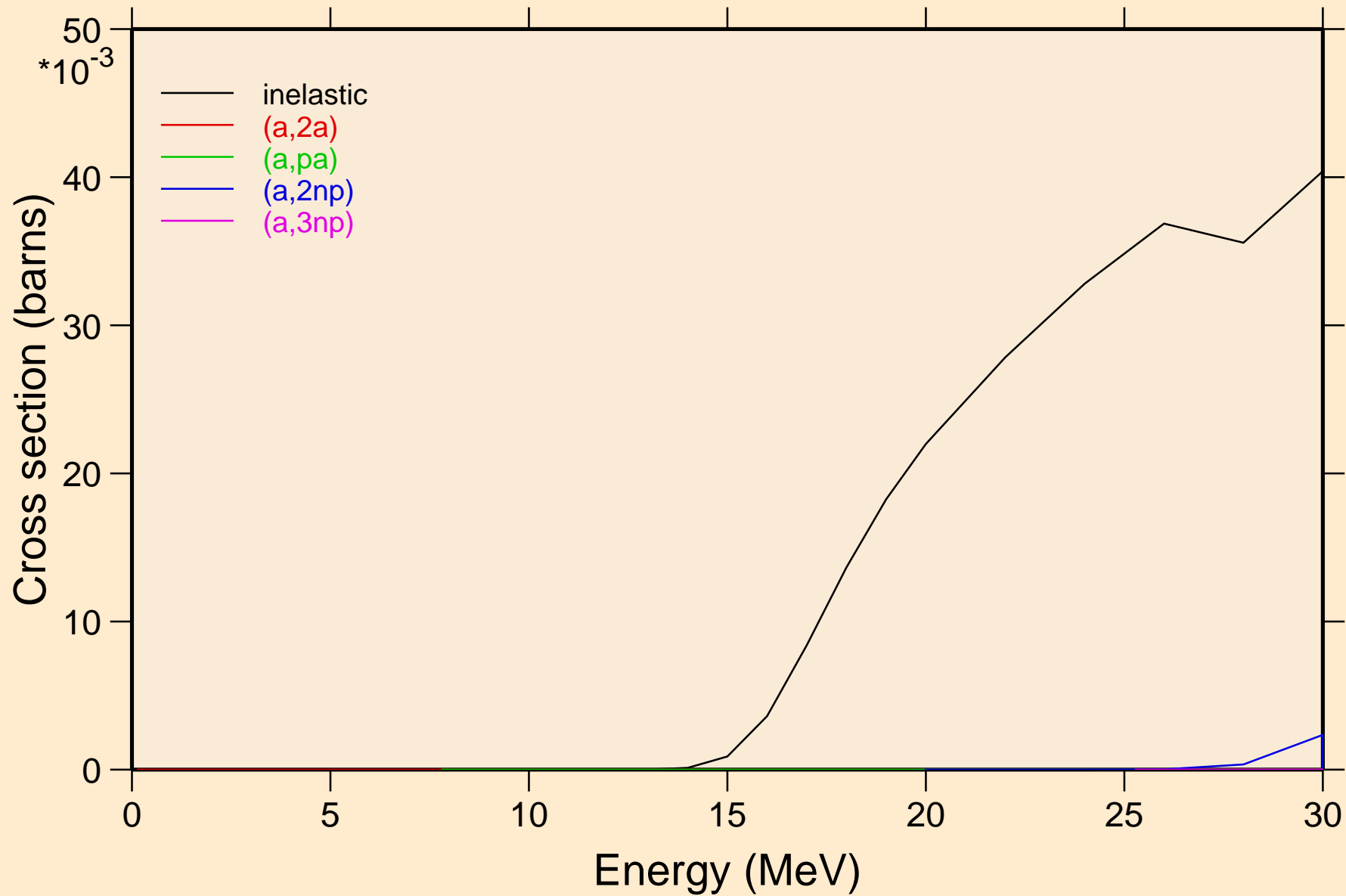
Threshold reactions



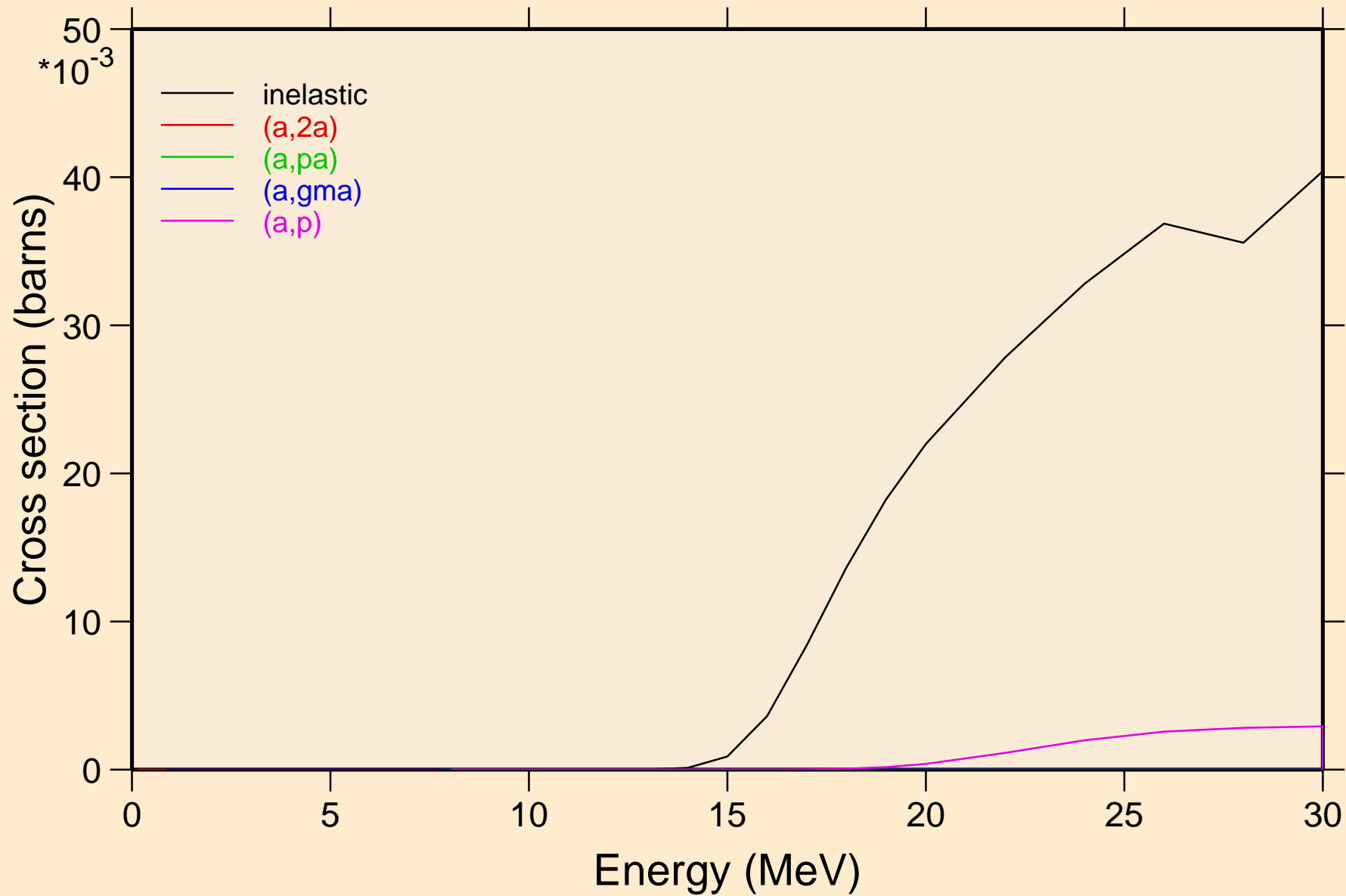
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



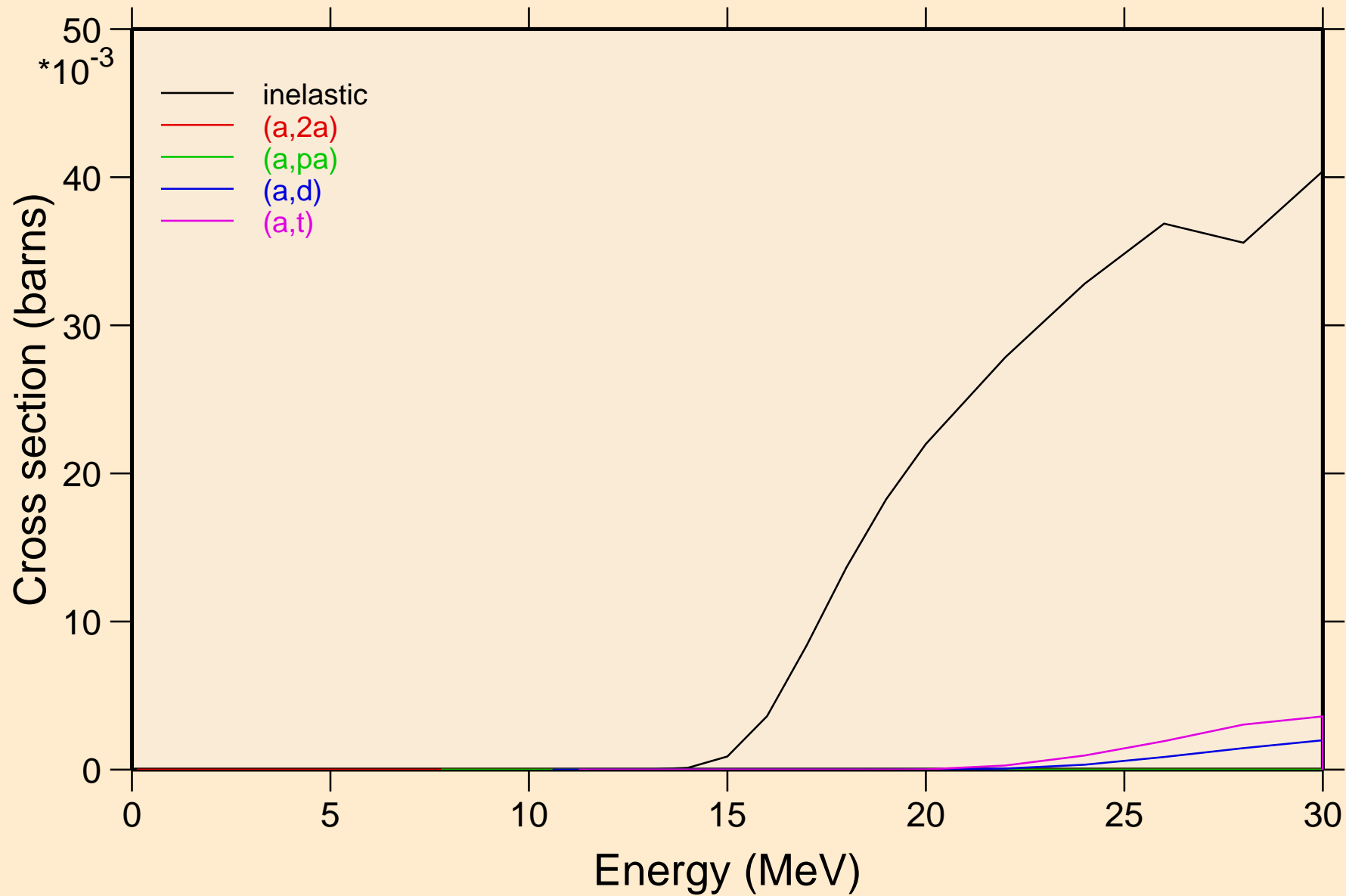
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

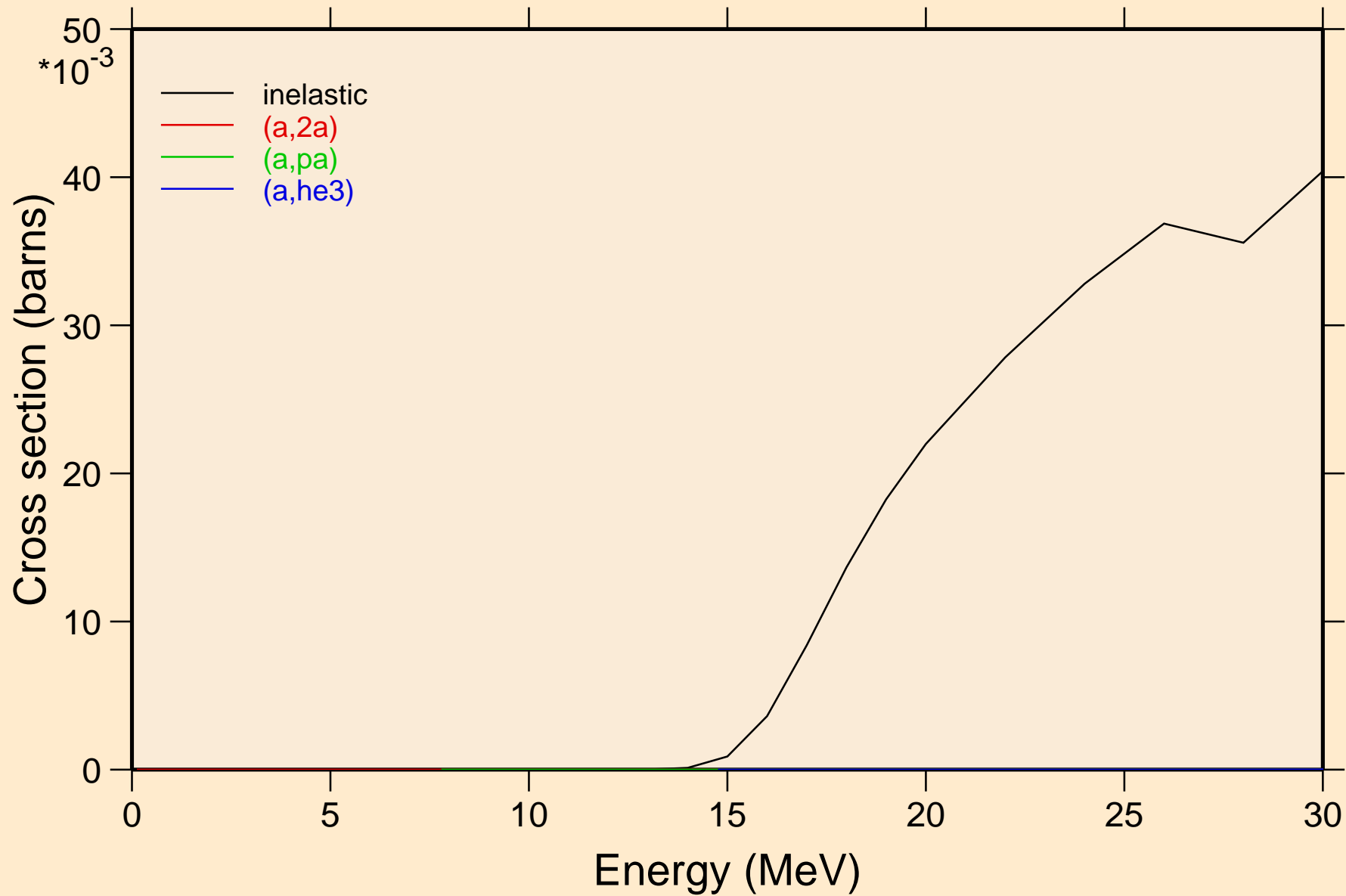


LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

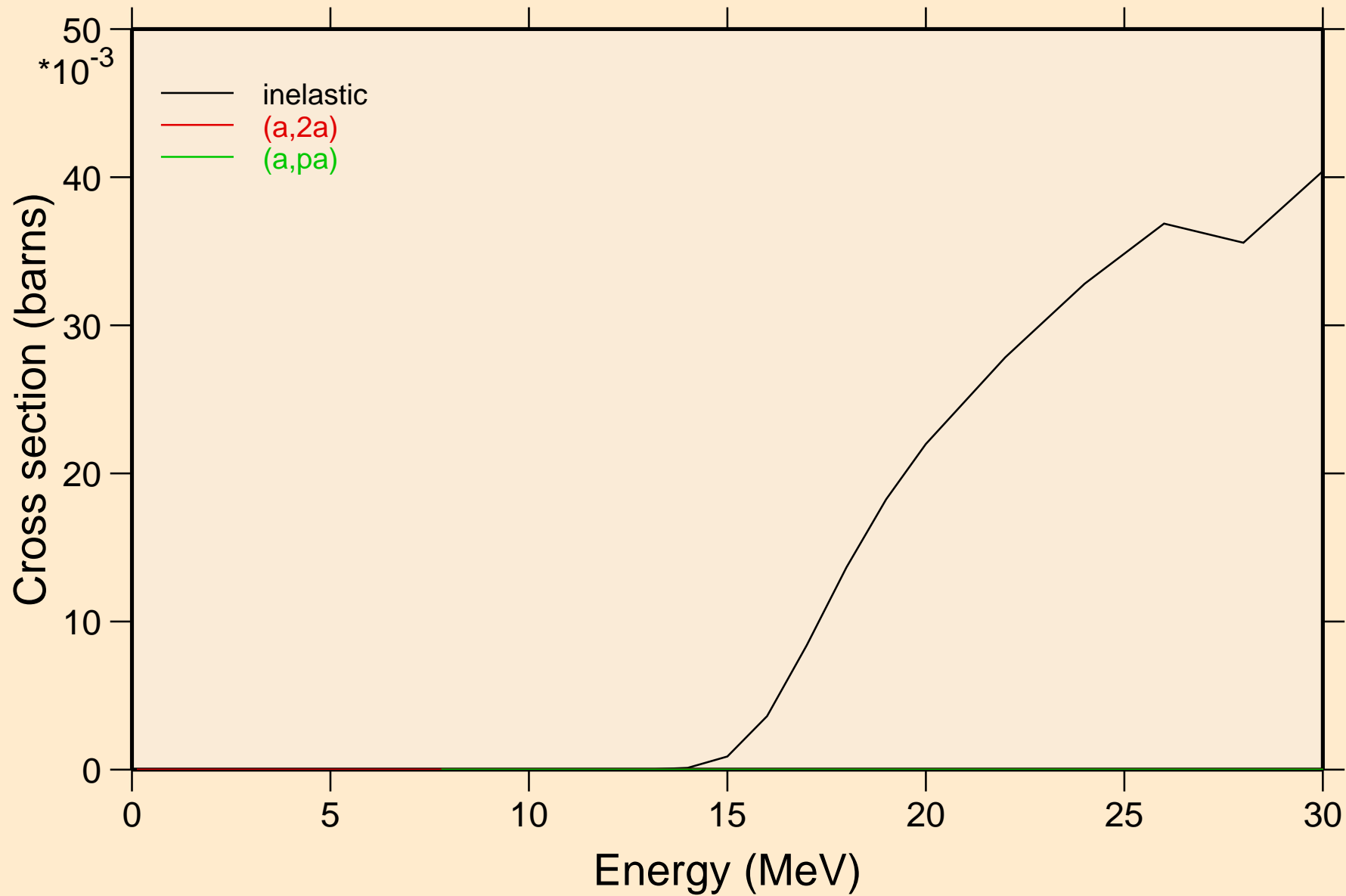


LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

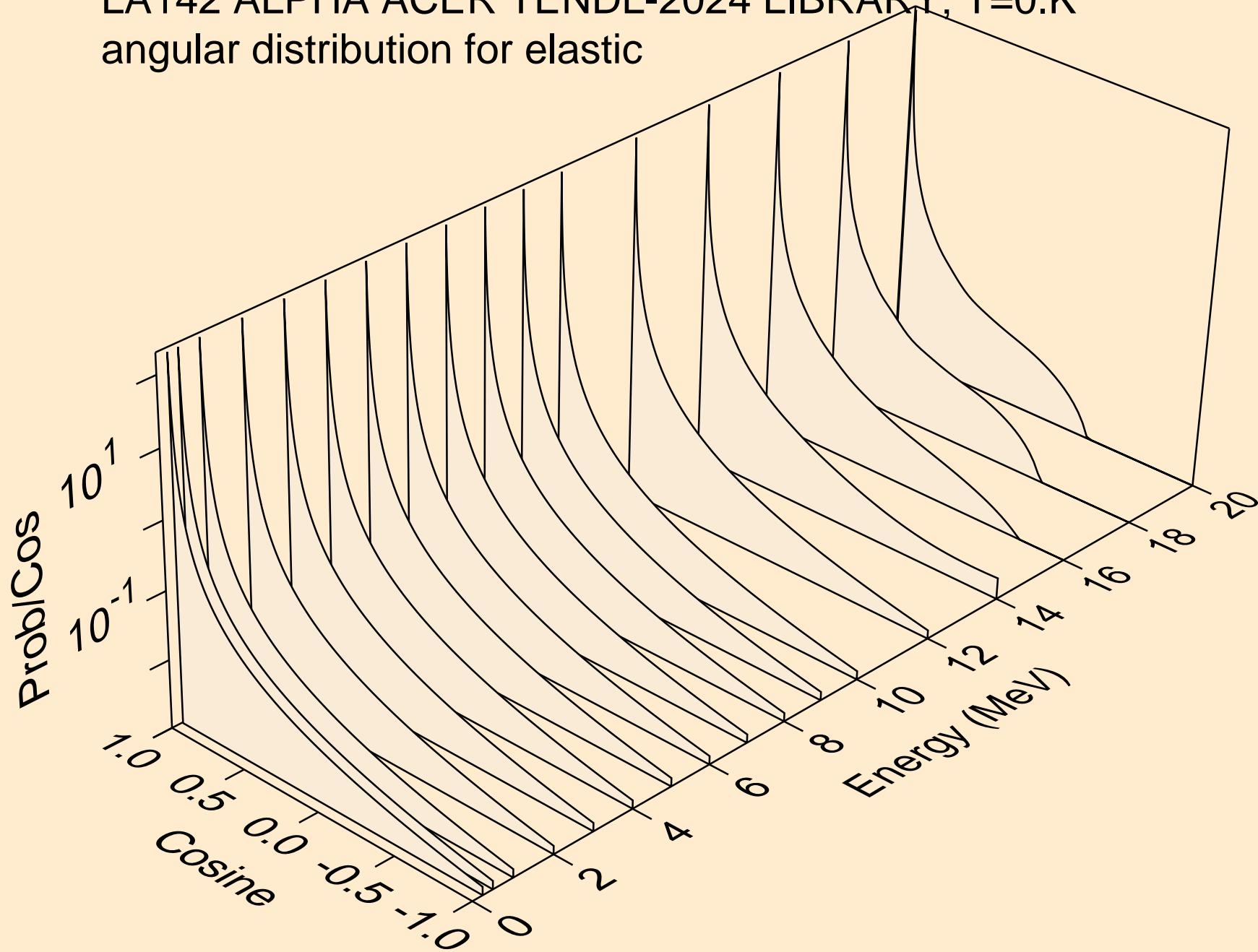
Threshold reactions



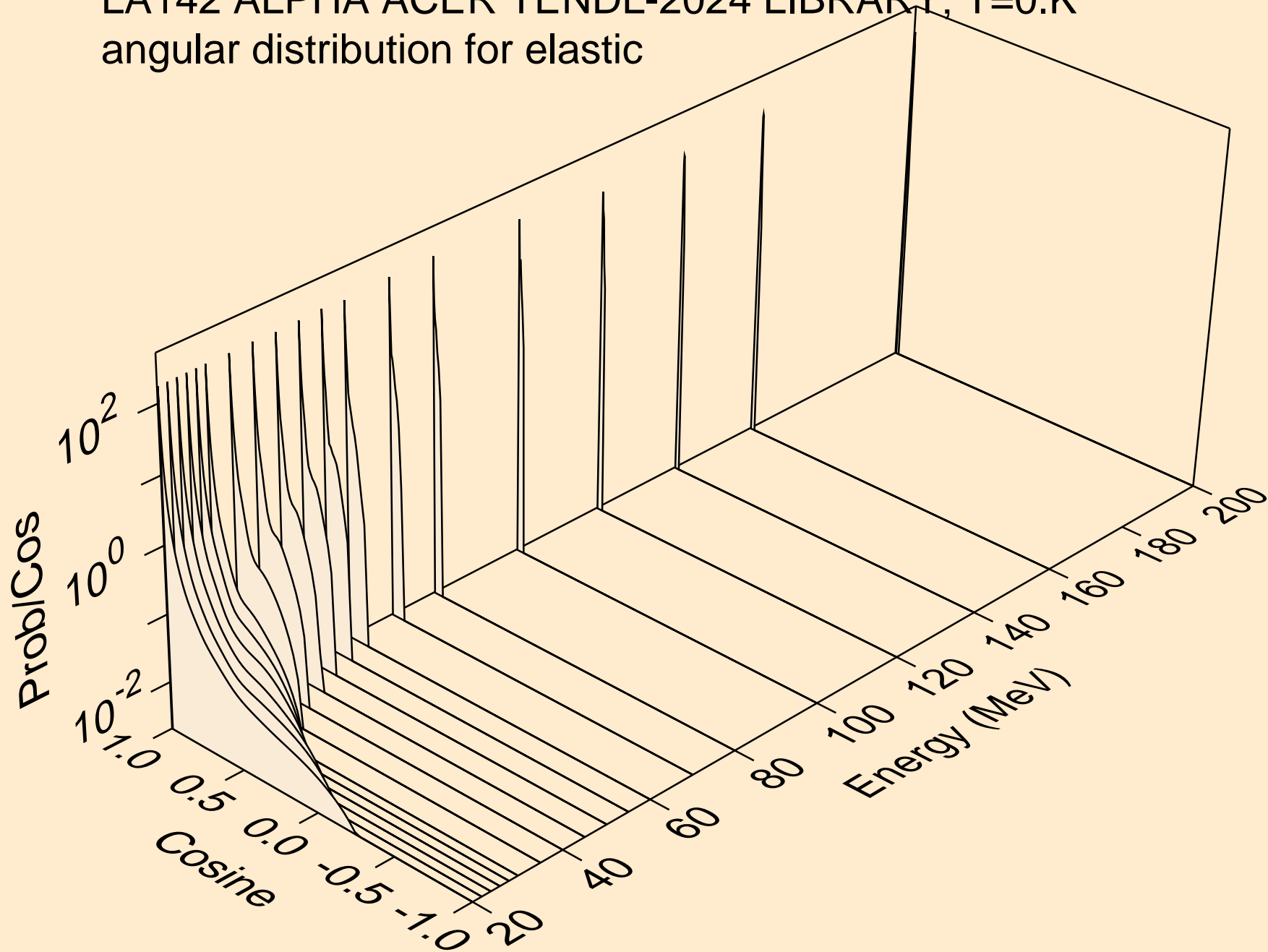
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

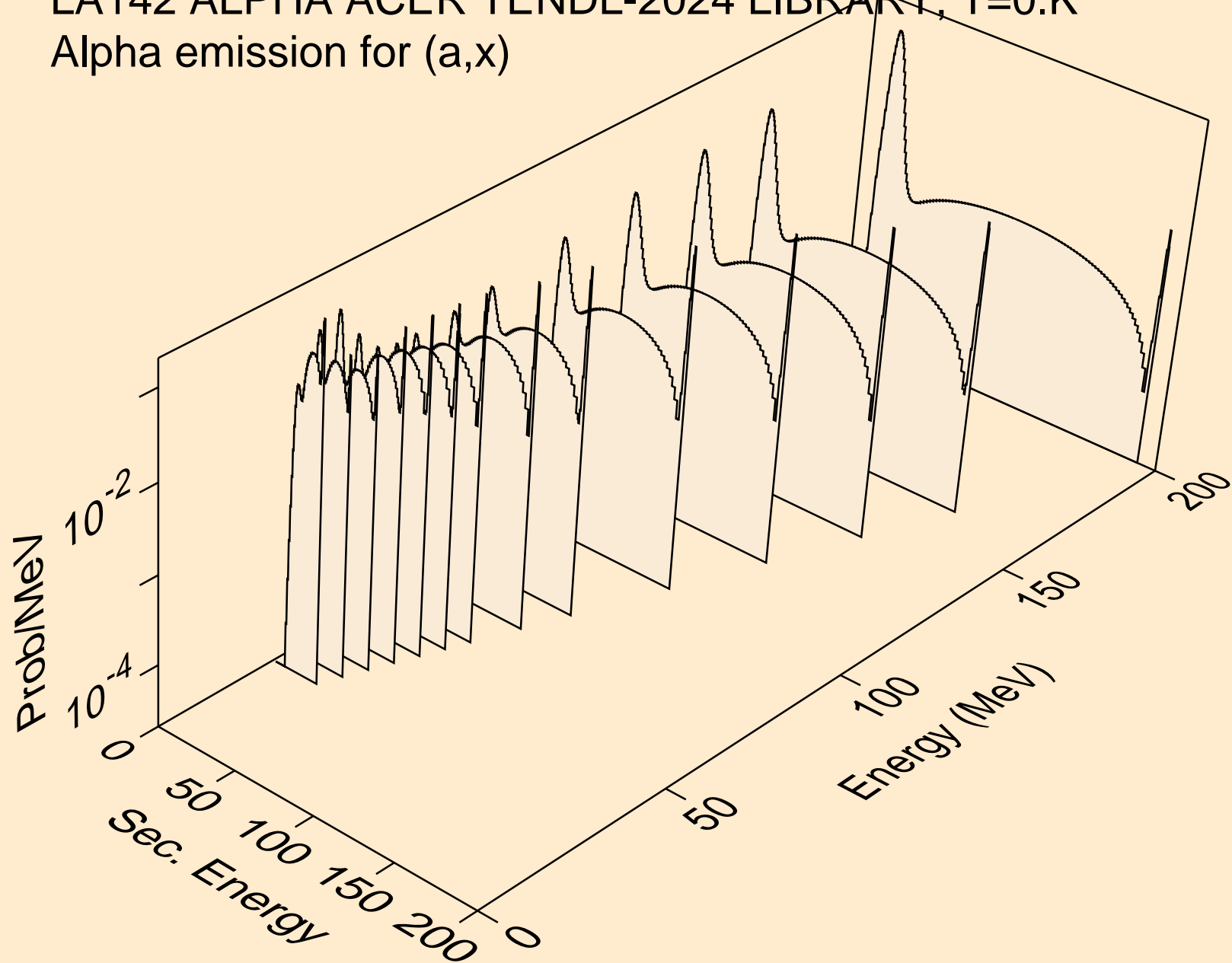


LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

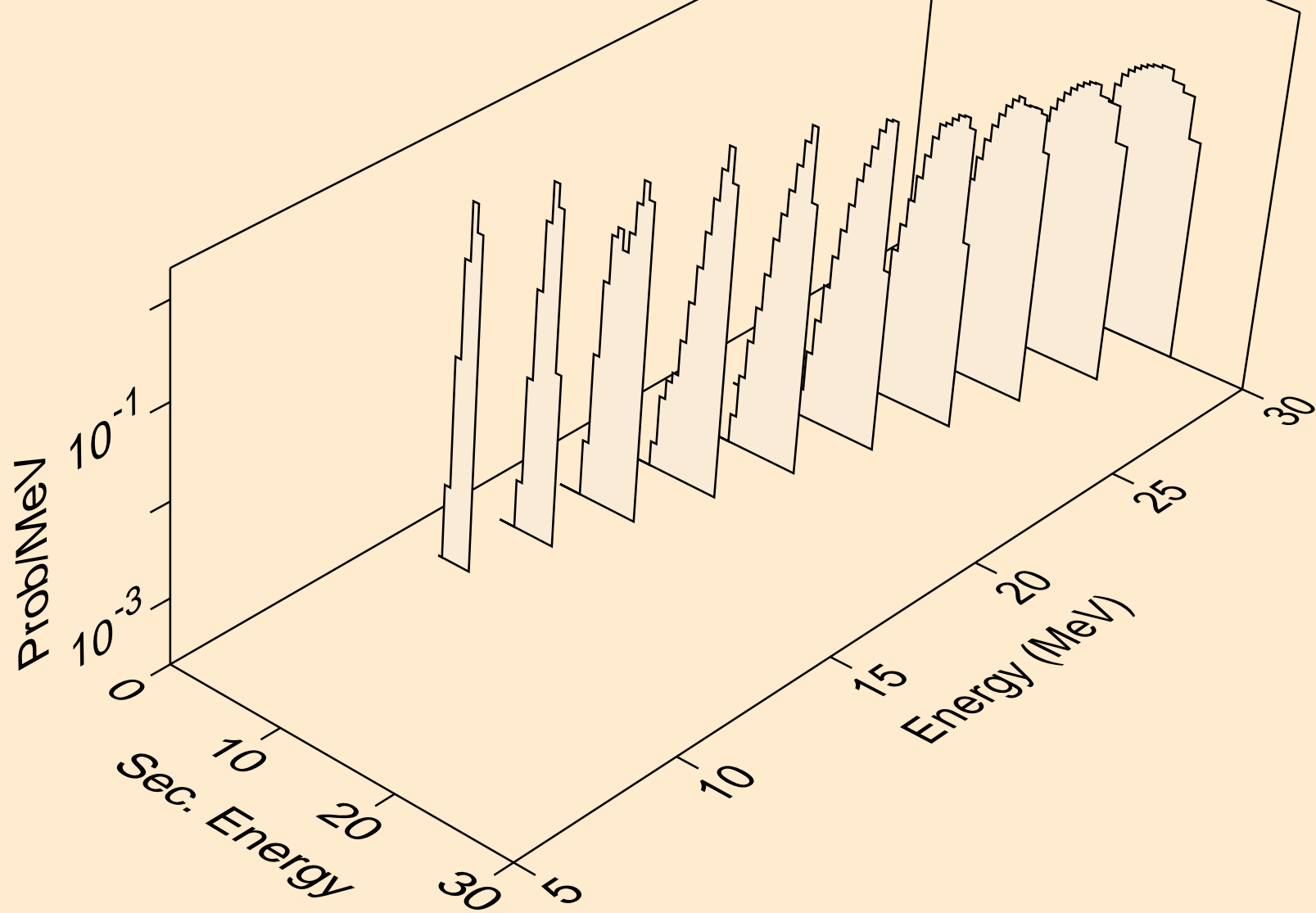


LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)

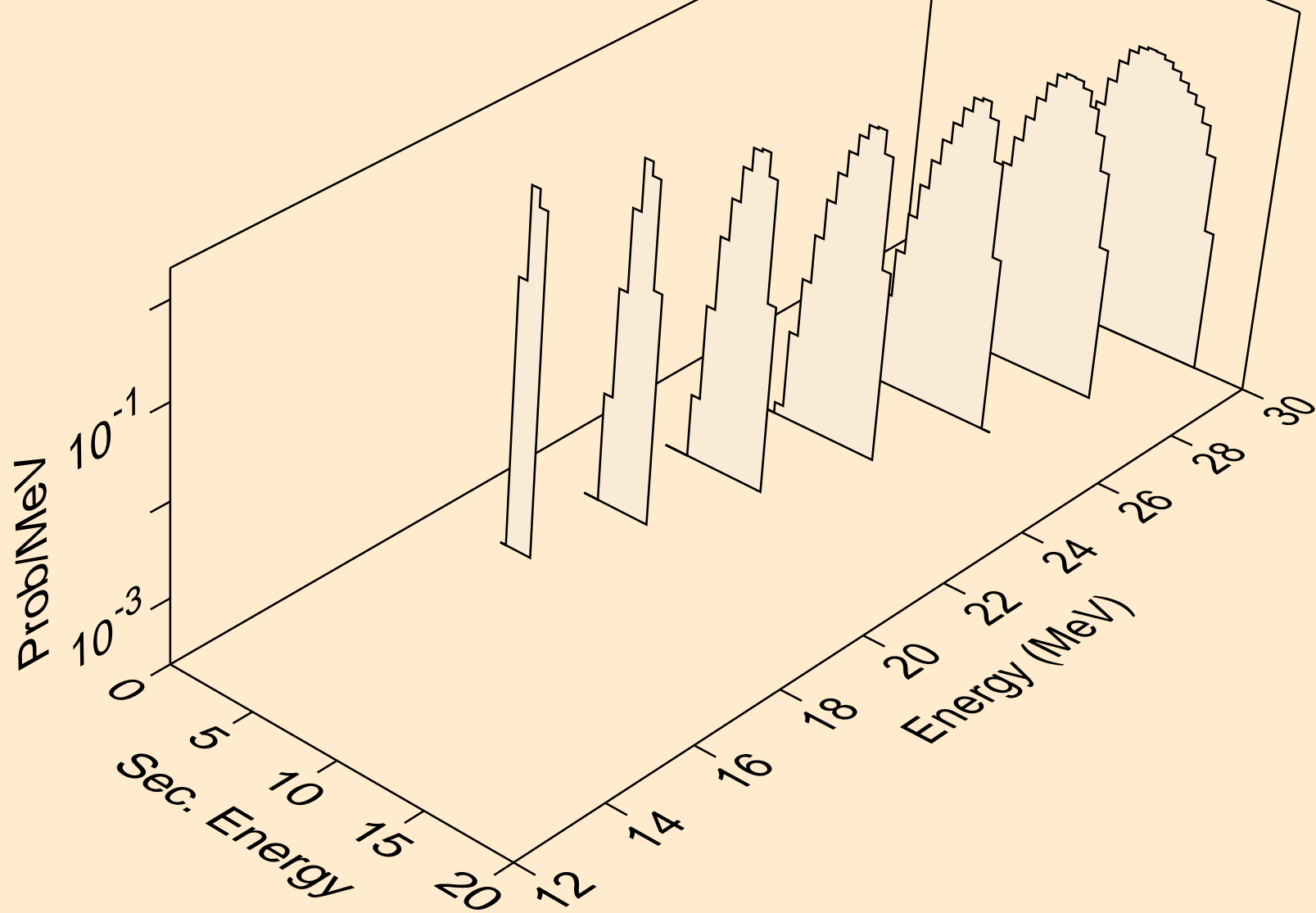


LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,n*)a



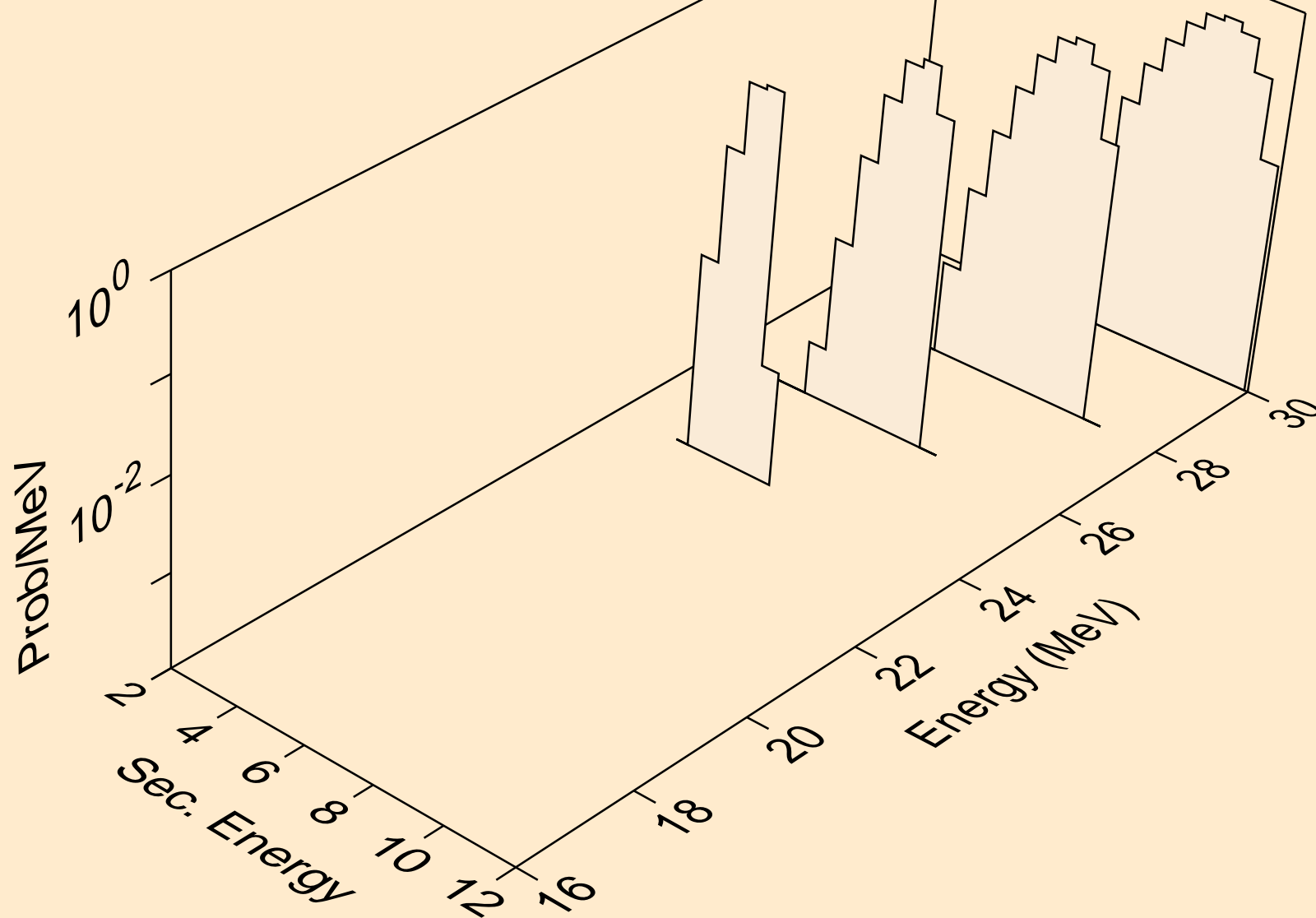
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a



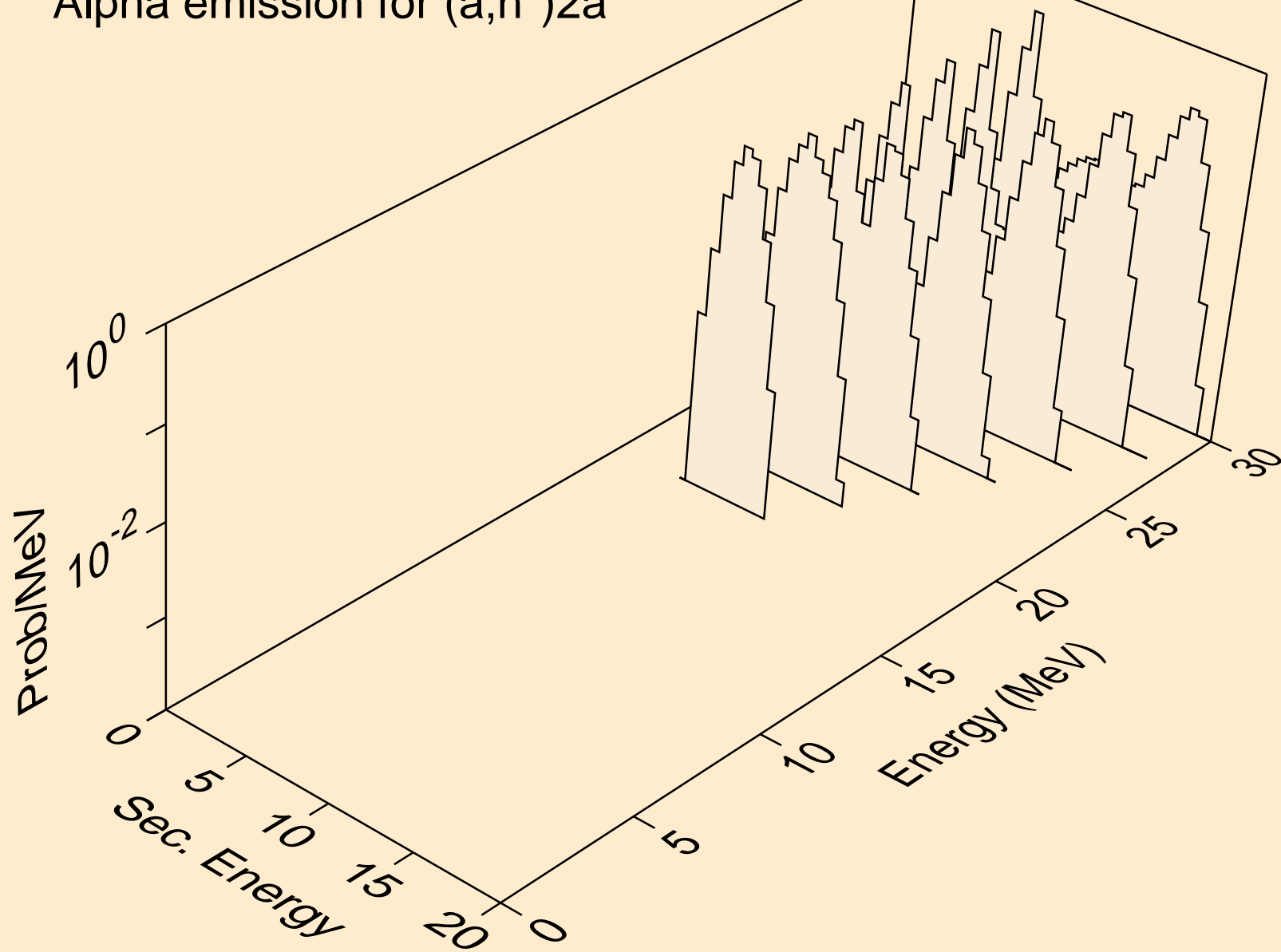
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,3n)a

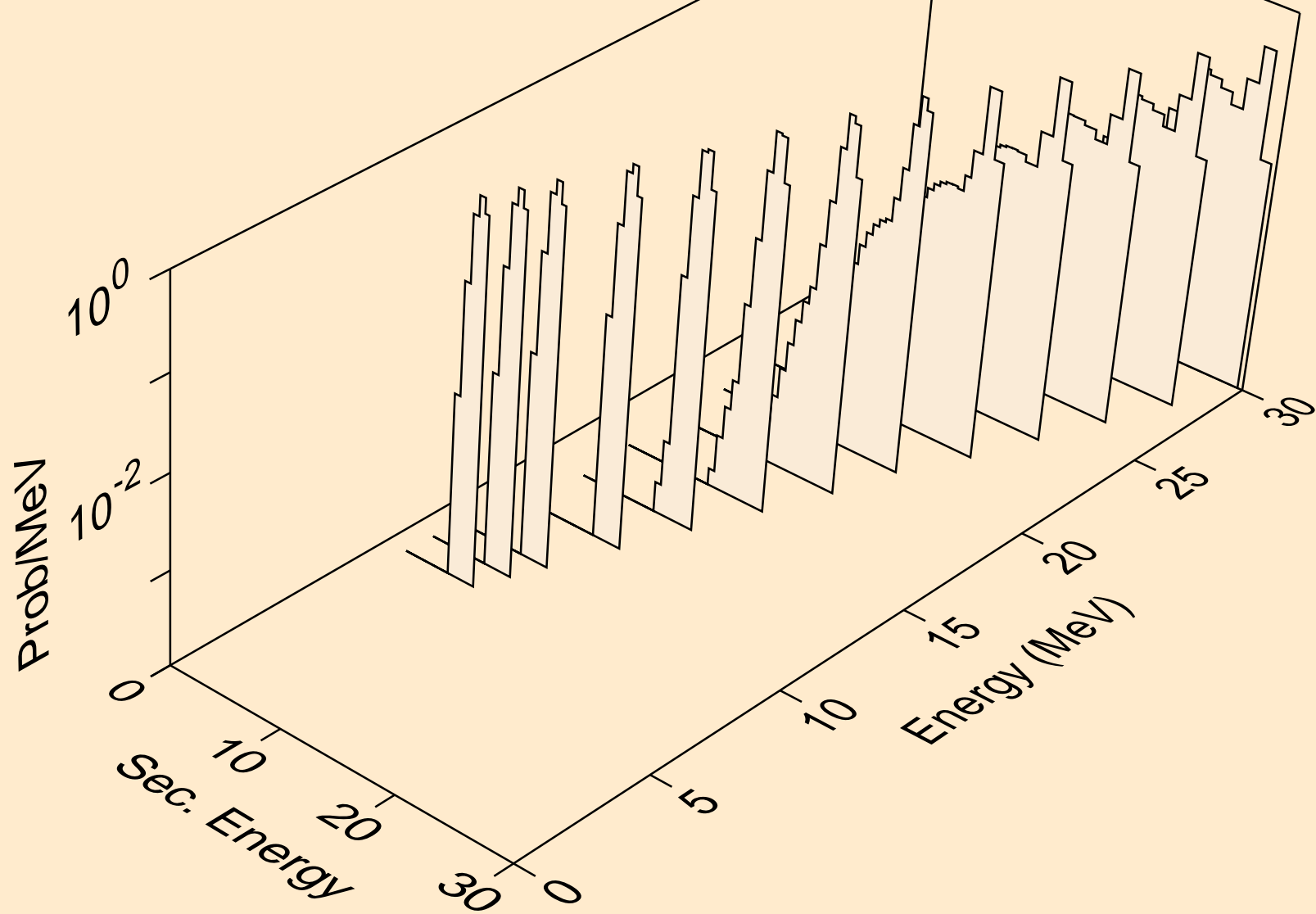


LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)2a

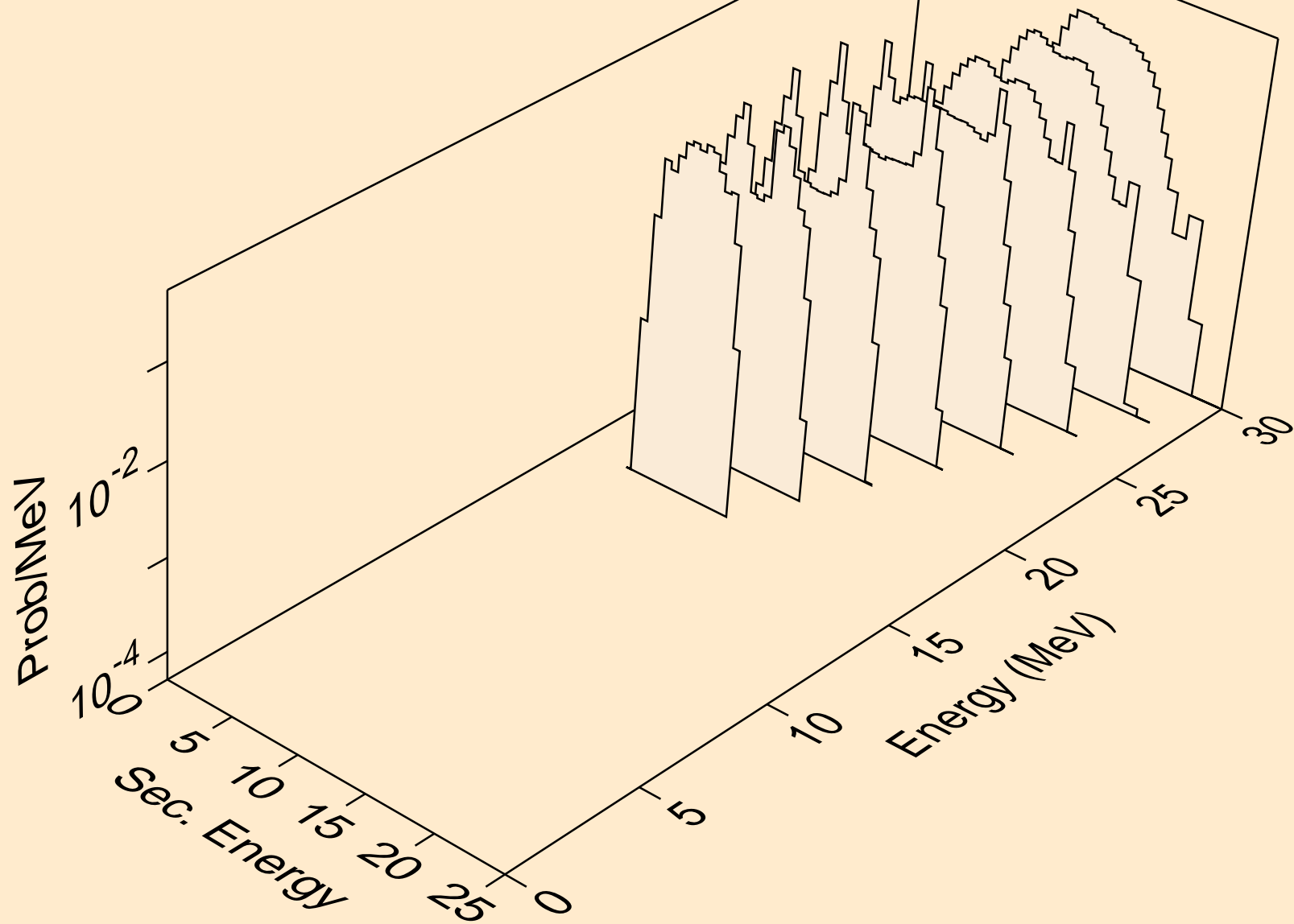


LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for inelastic



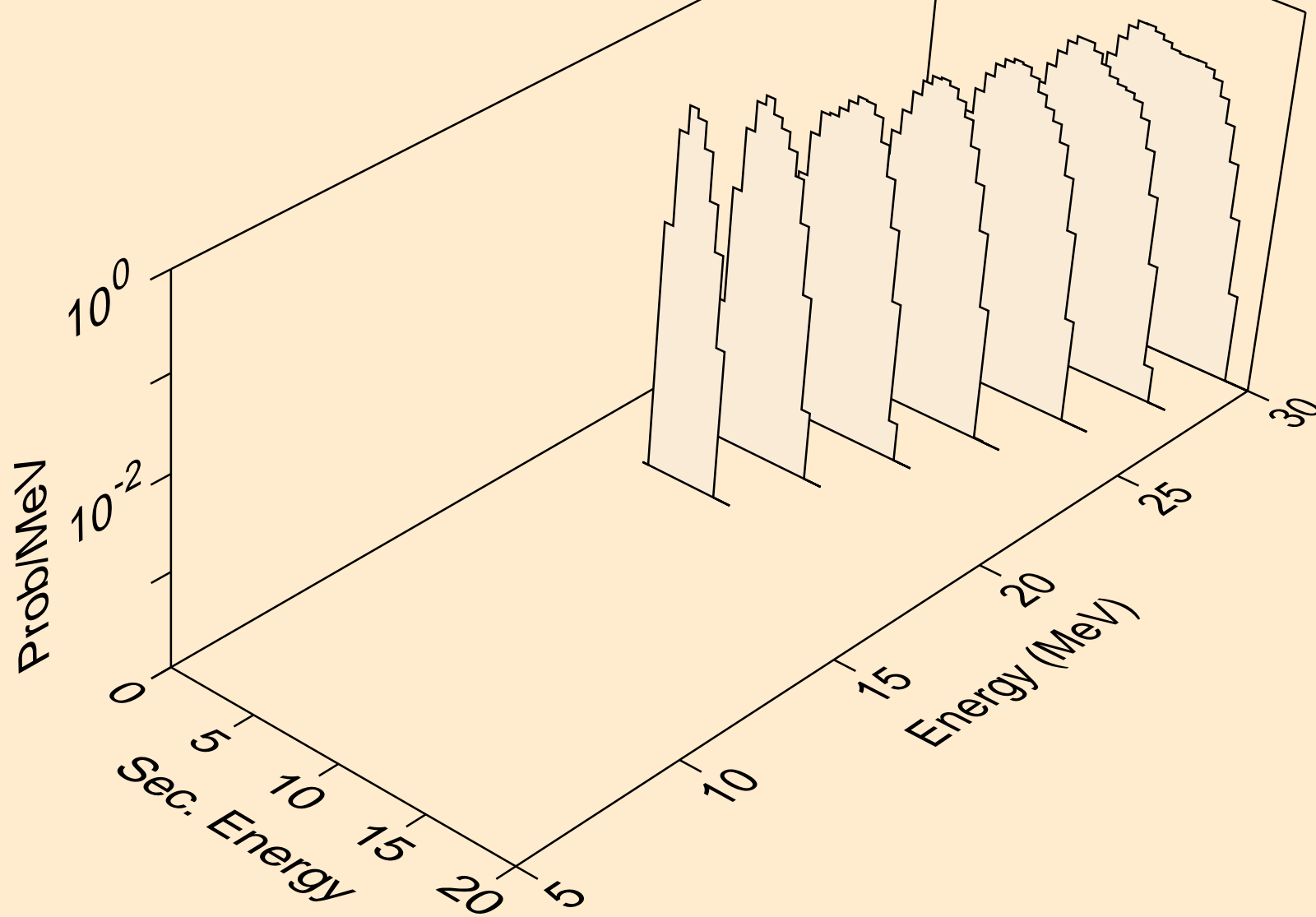
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2a)

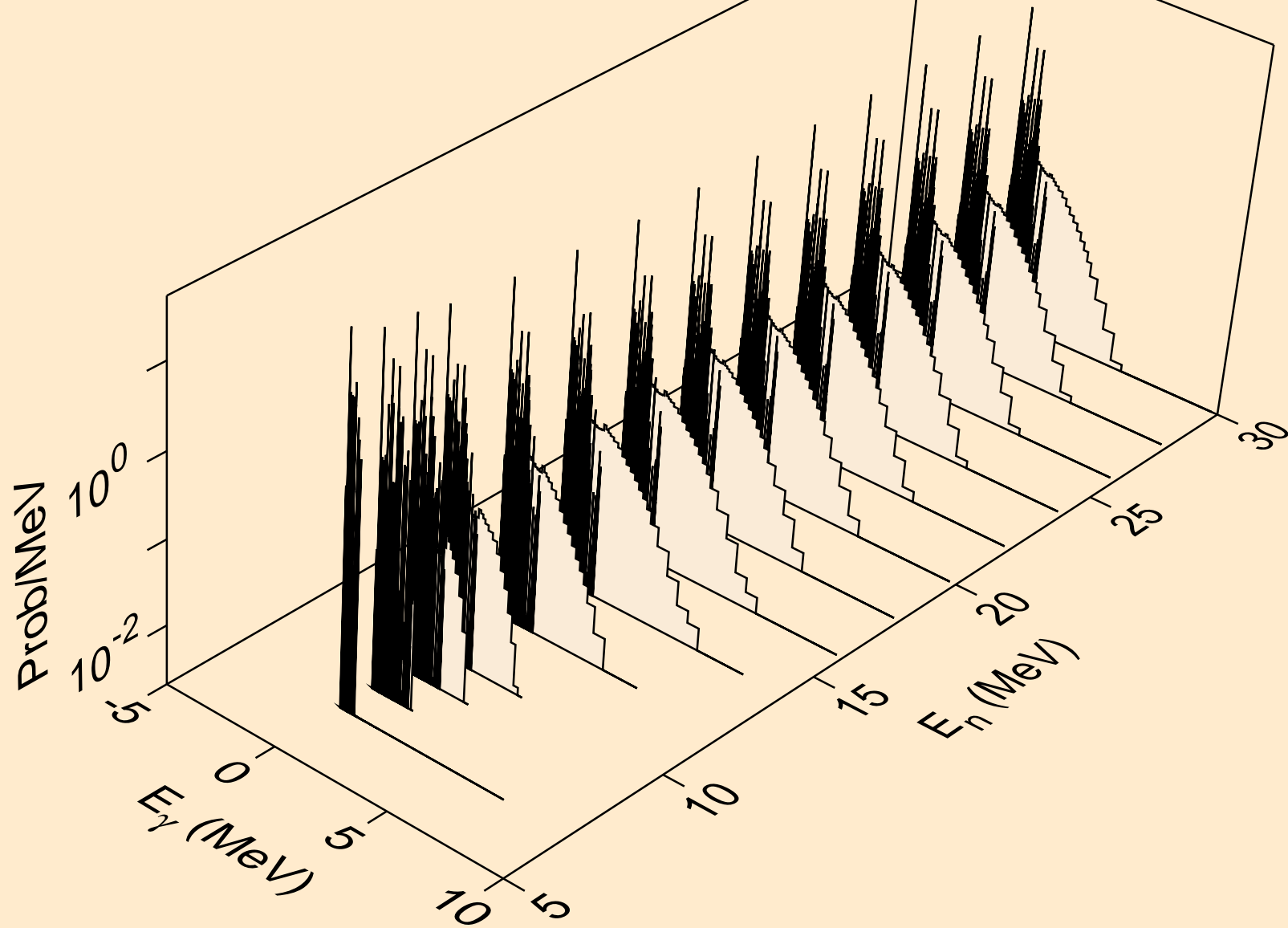


LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,pa)

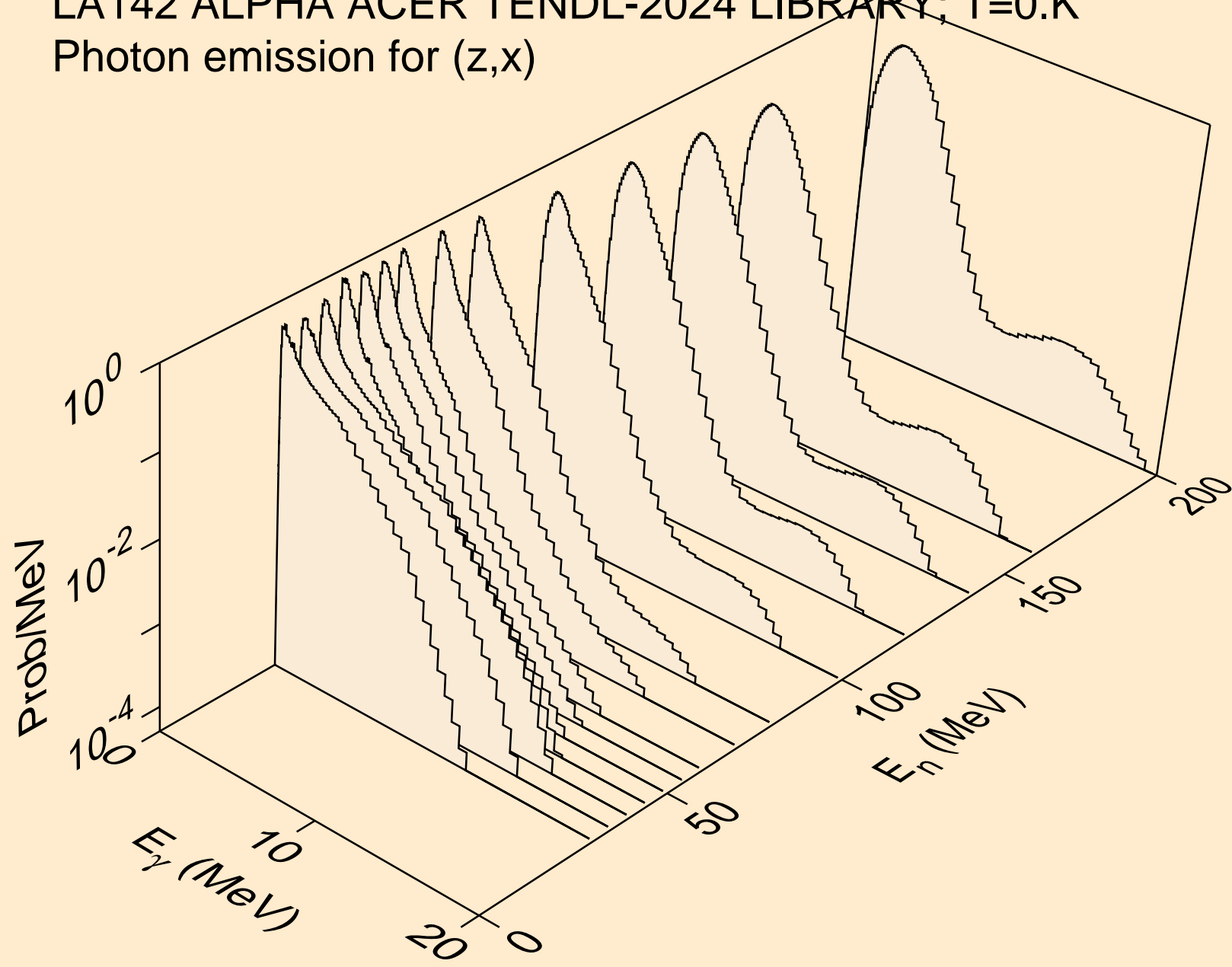


LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

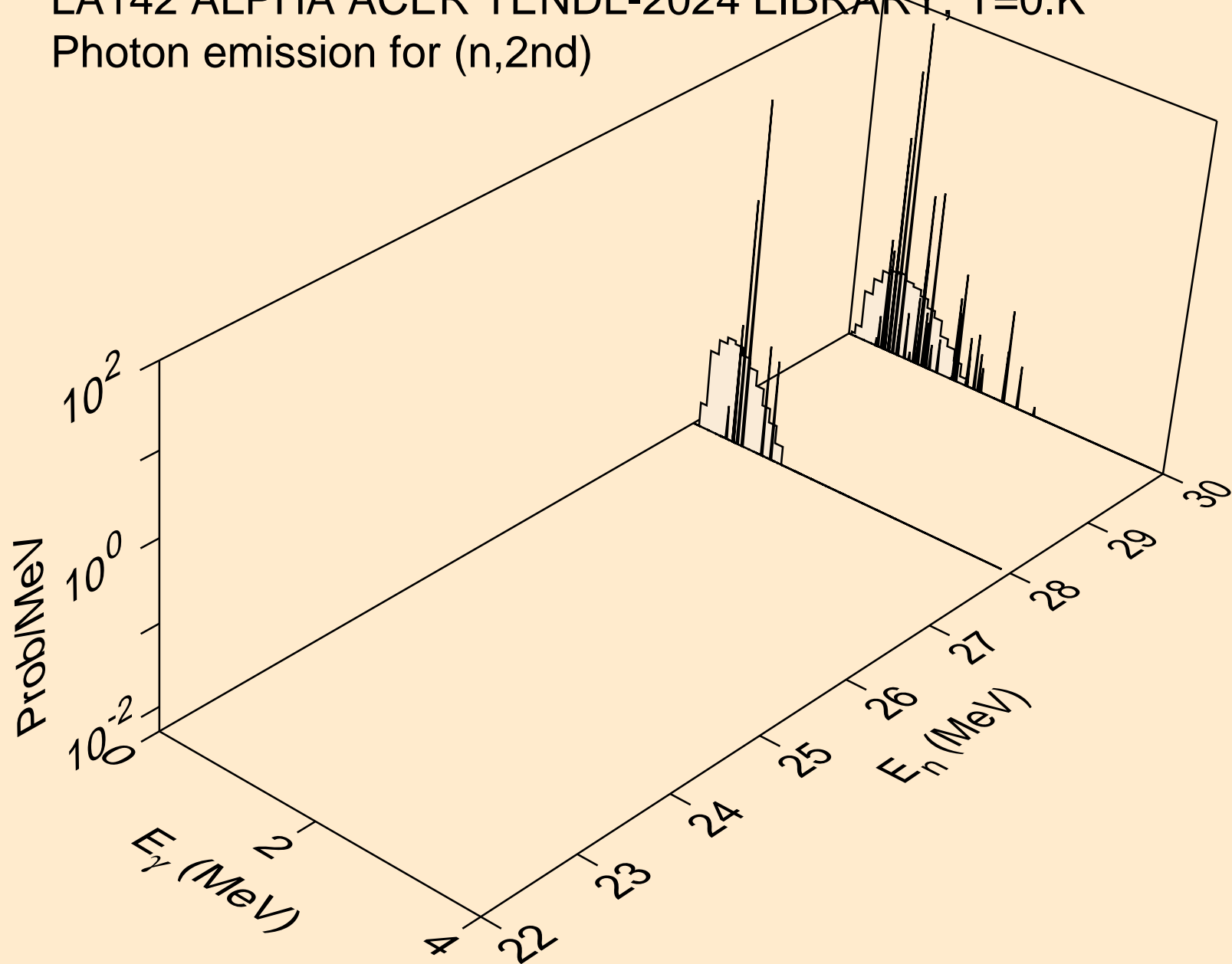


LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

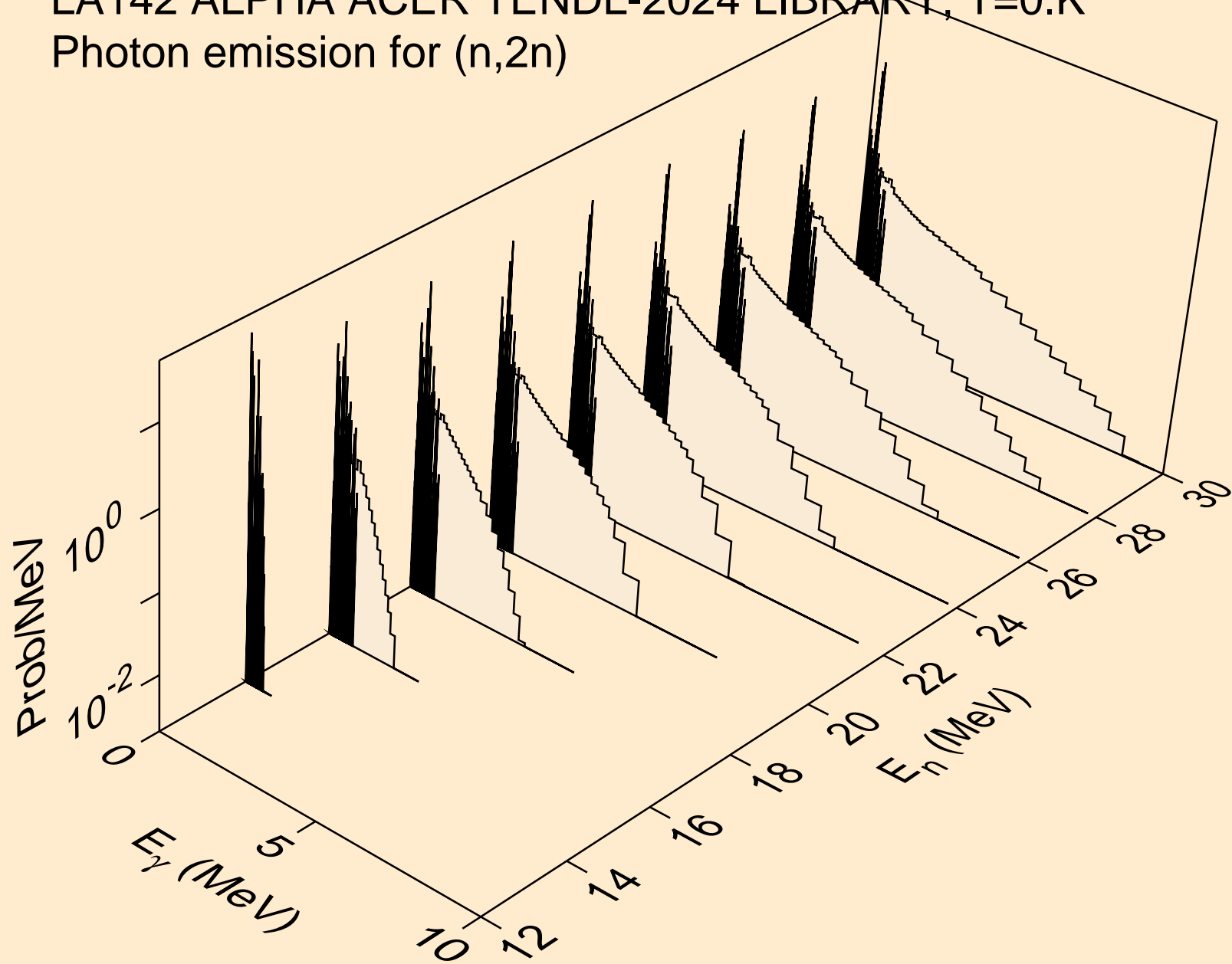
Photon emission for (z,x)



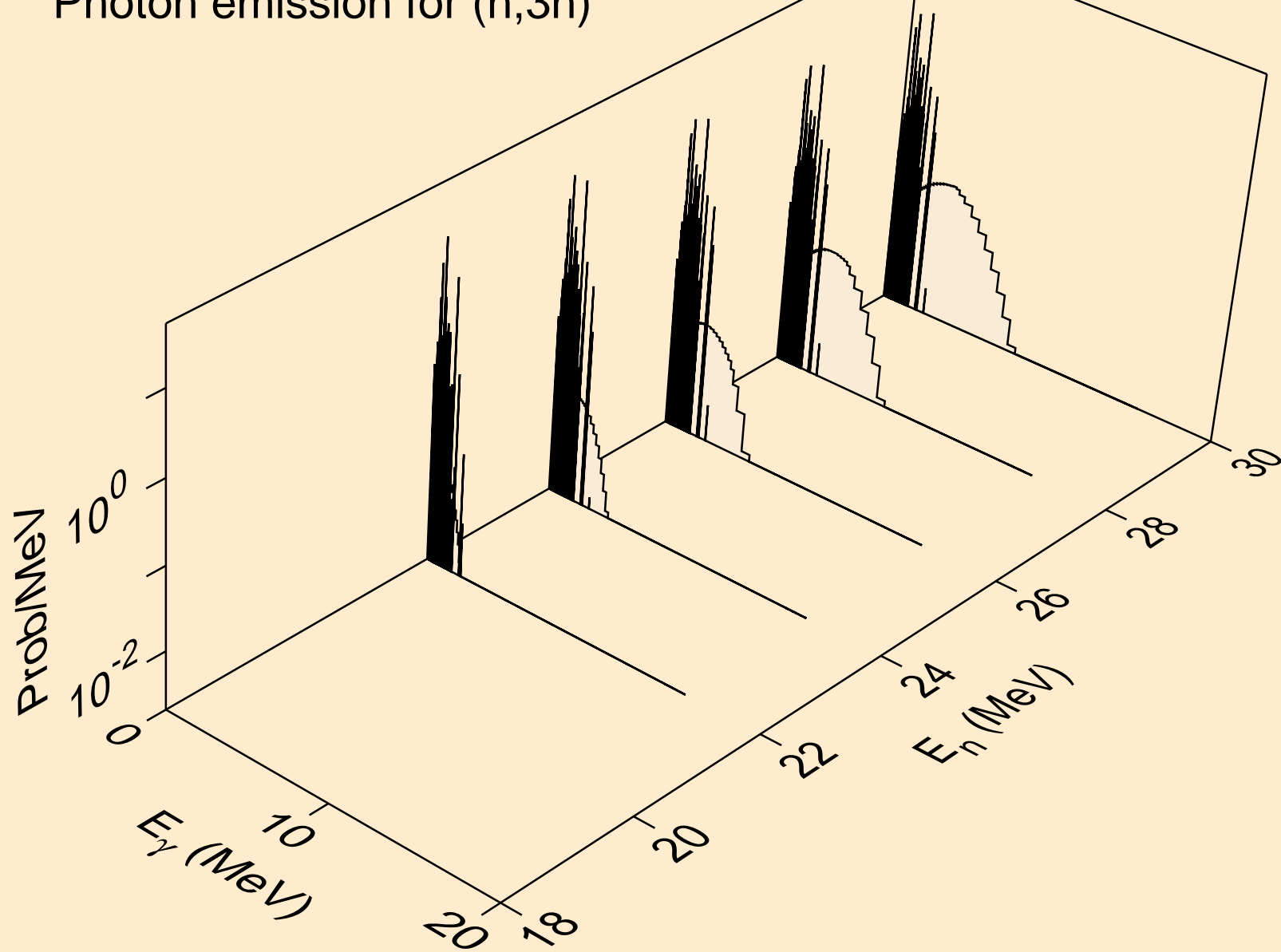
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



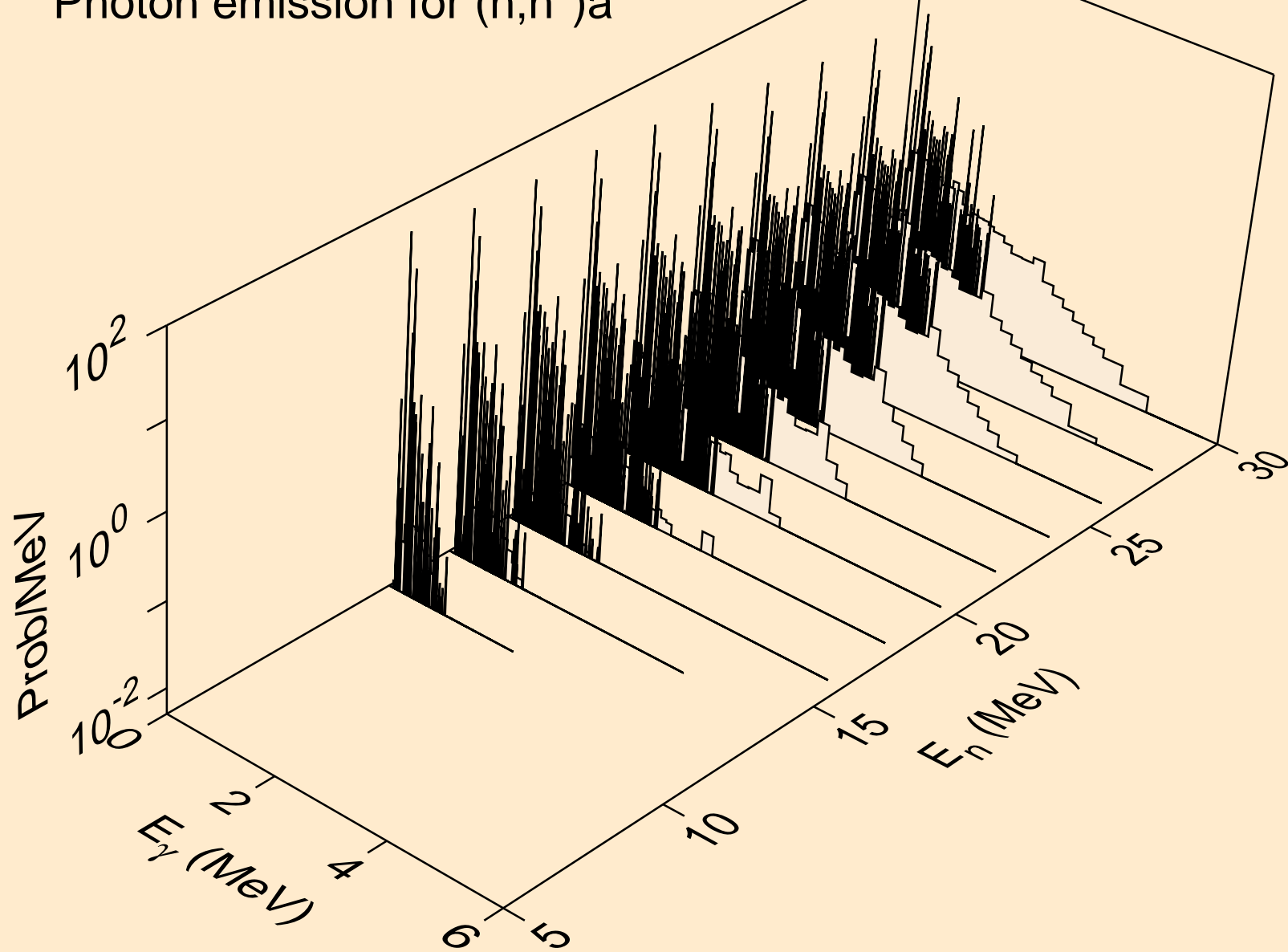
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Photon emission for (n,2n)



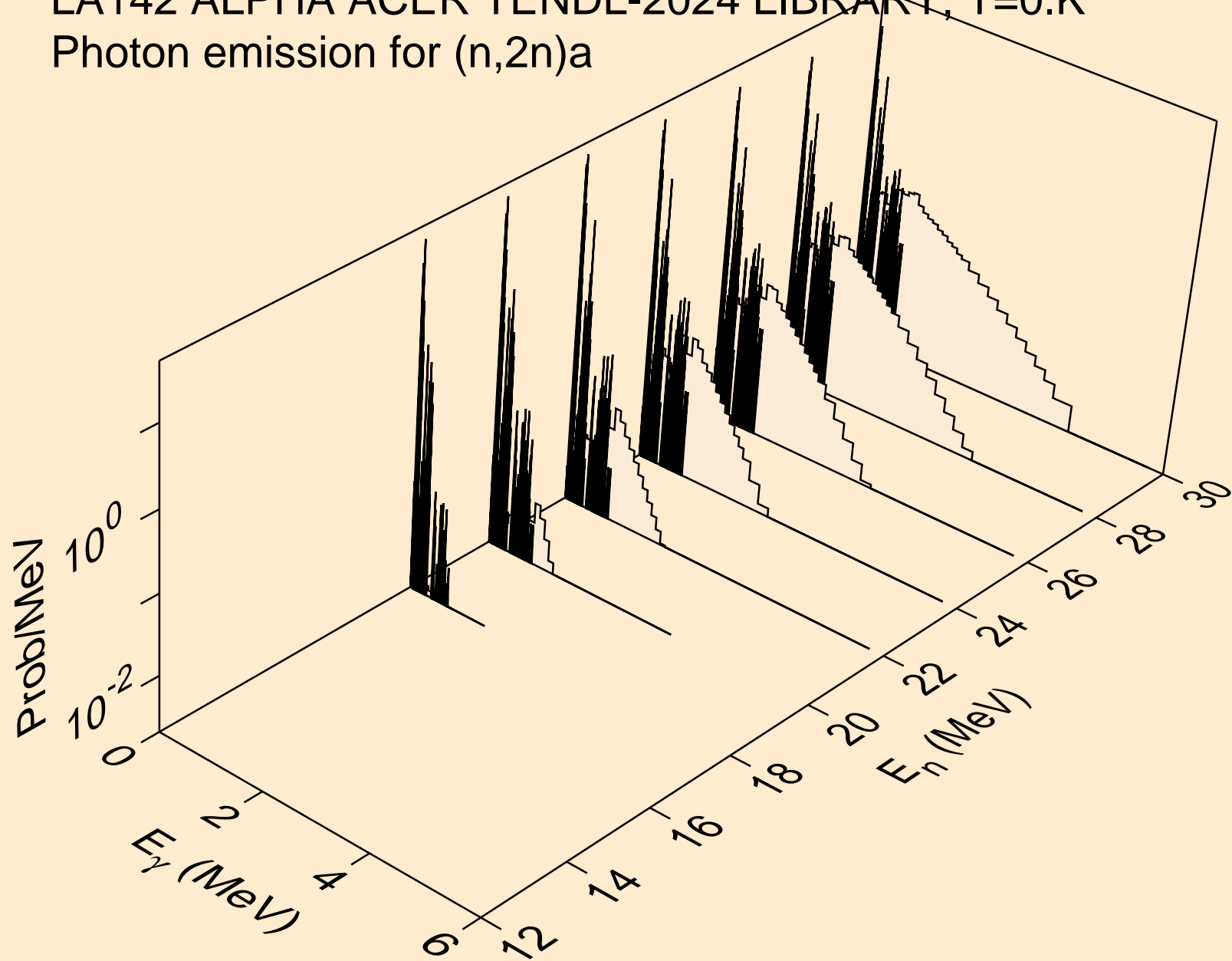
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Photon emission for (n,3n)



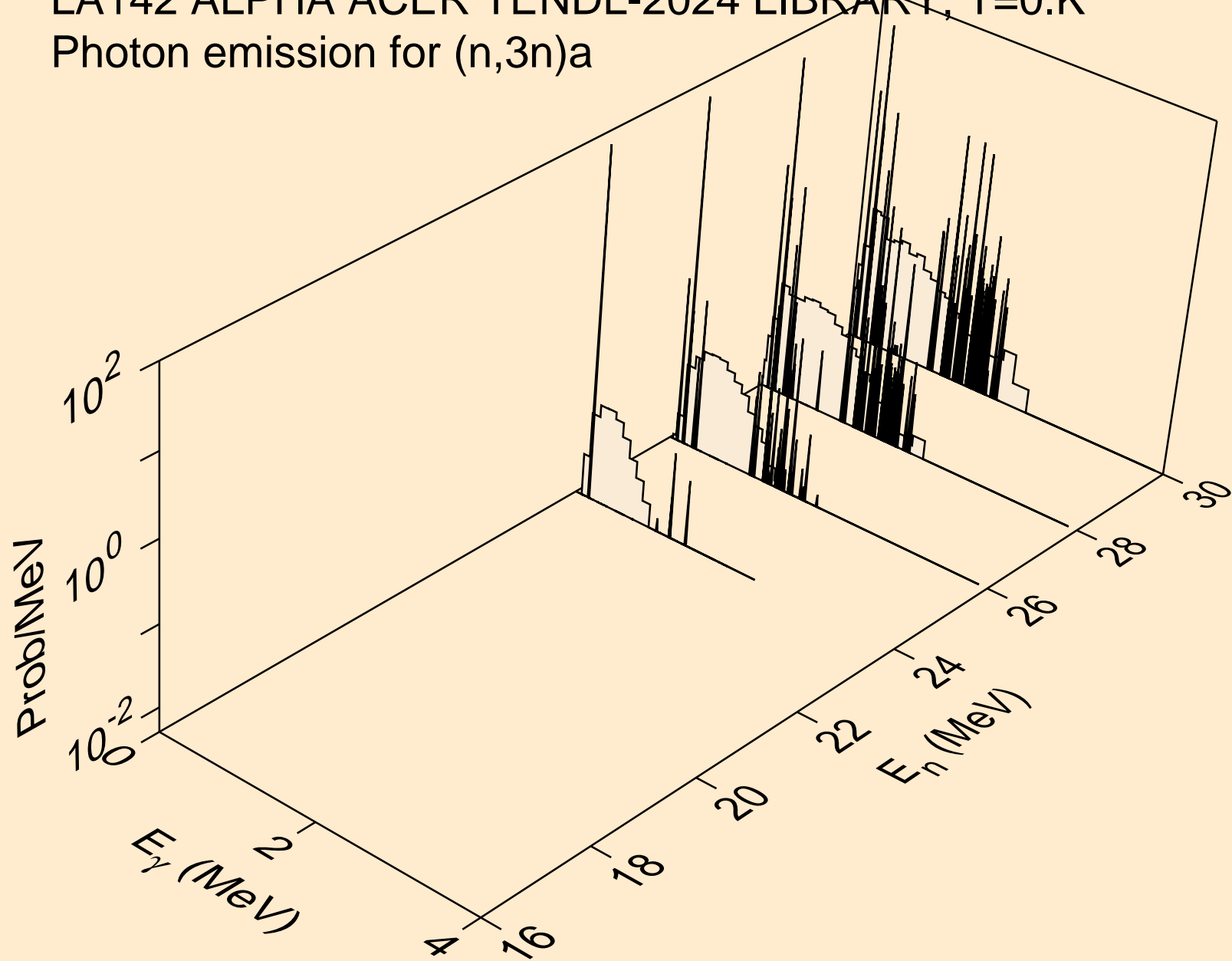
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



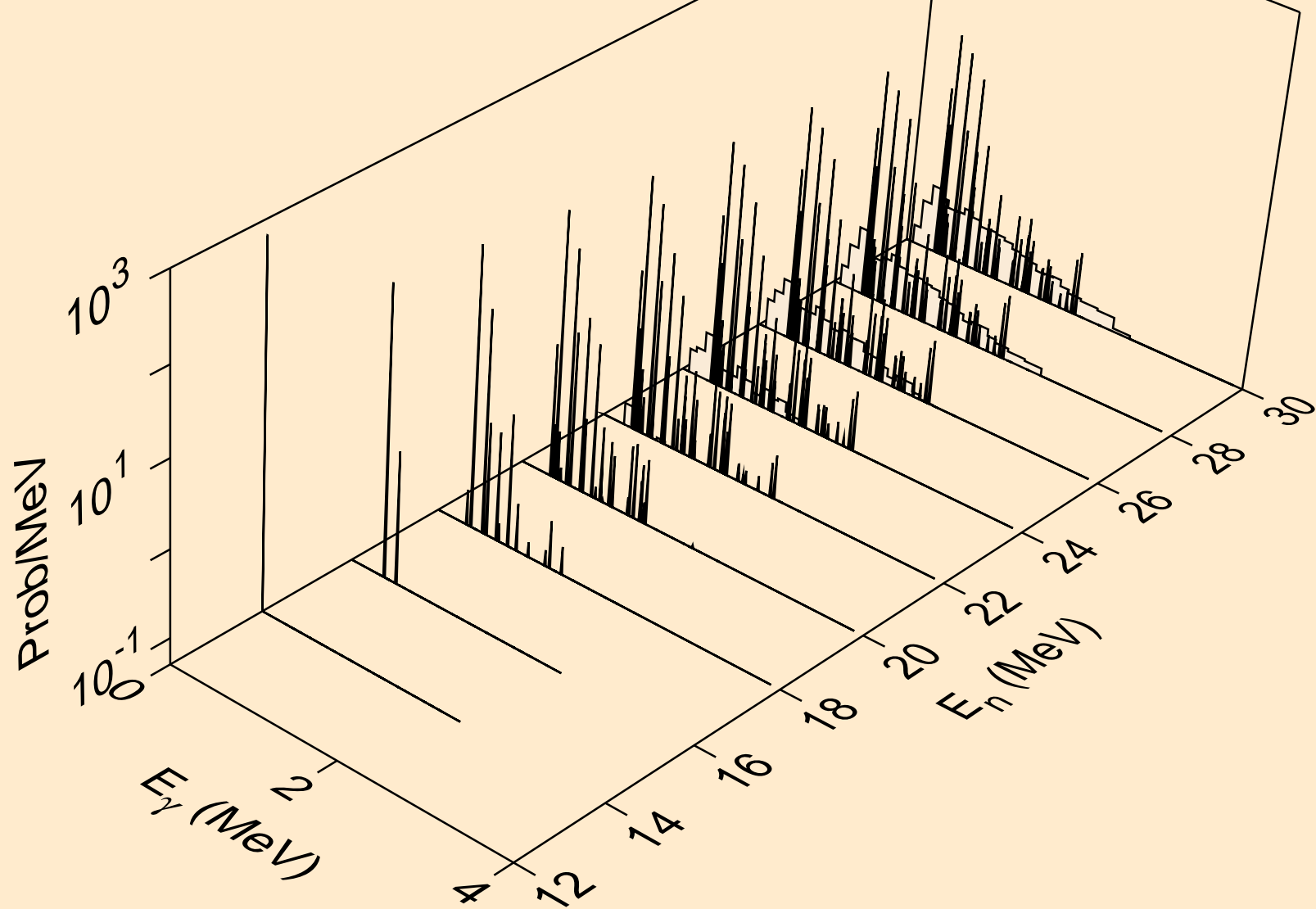
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



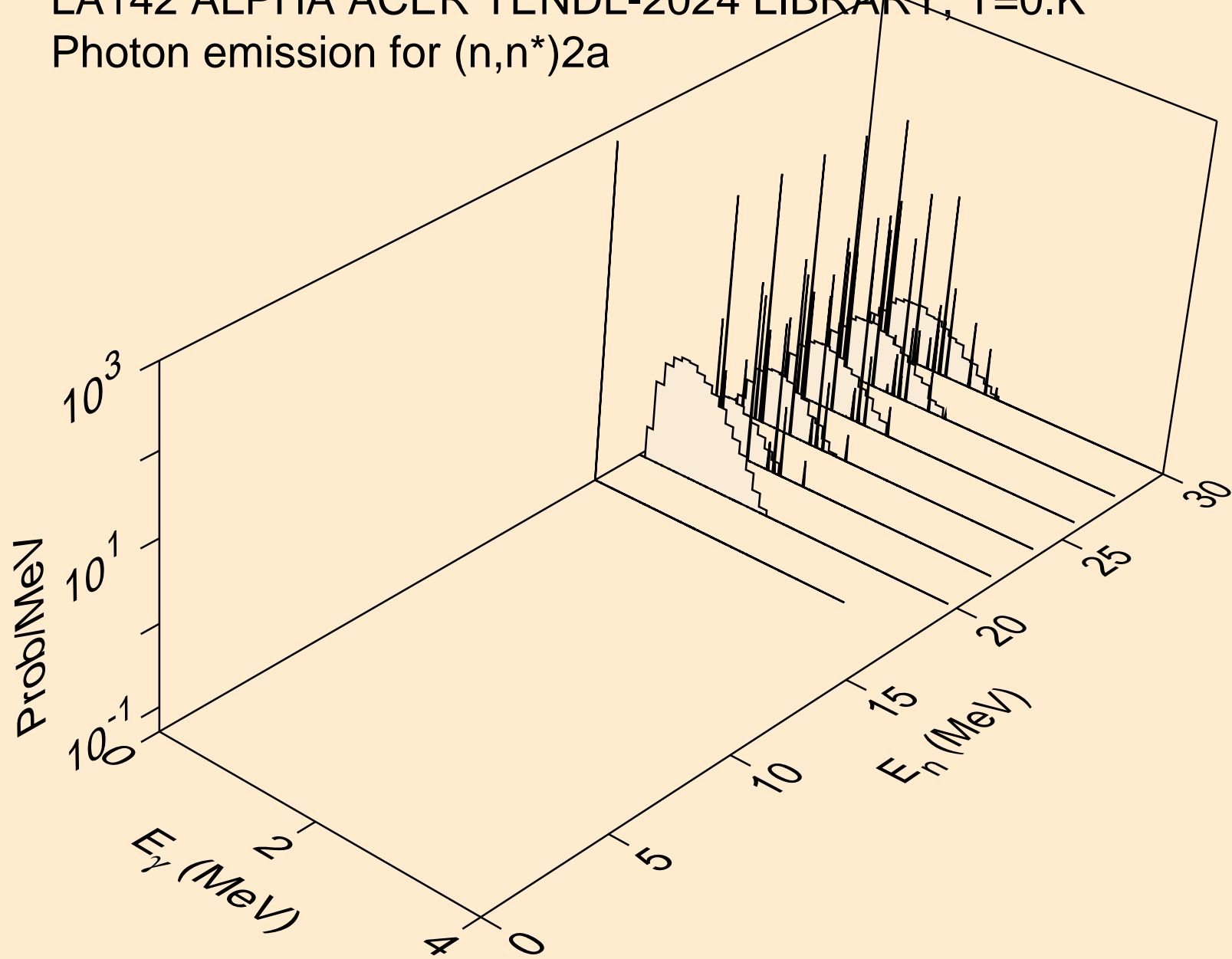
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Photon emission for (n,3n)a



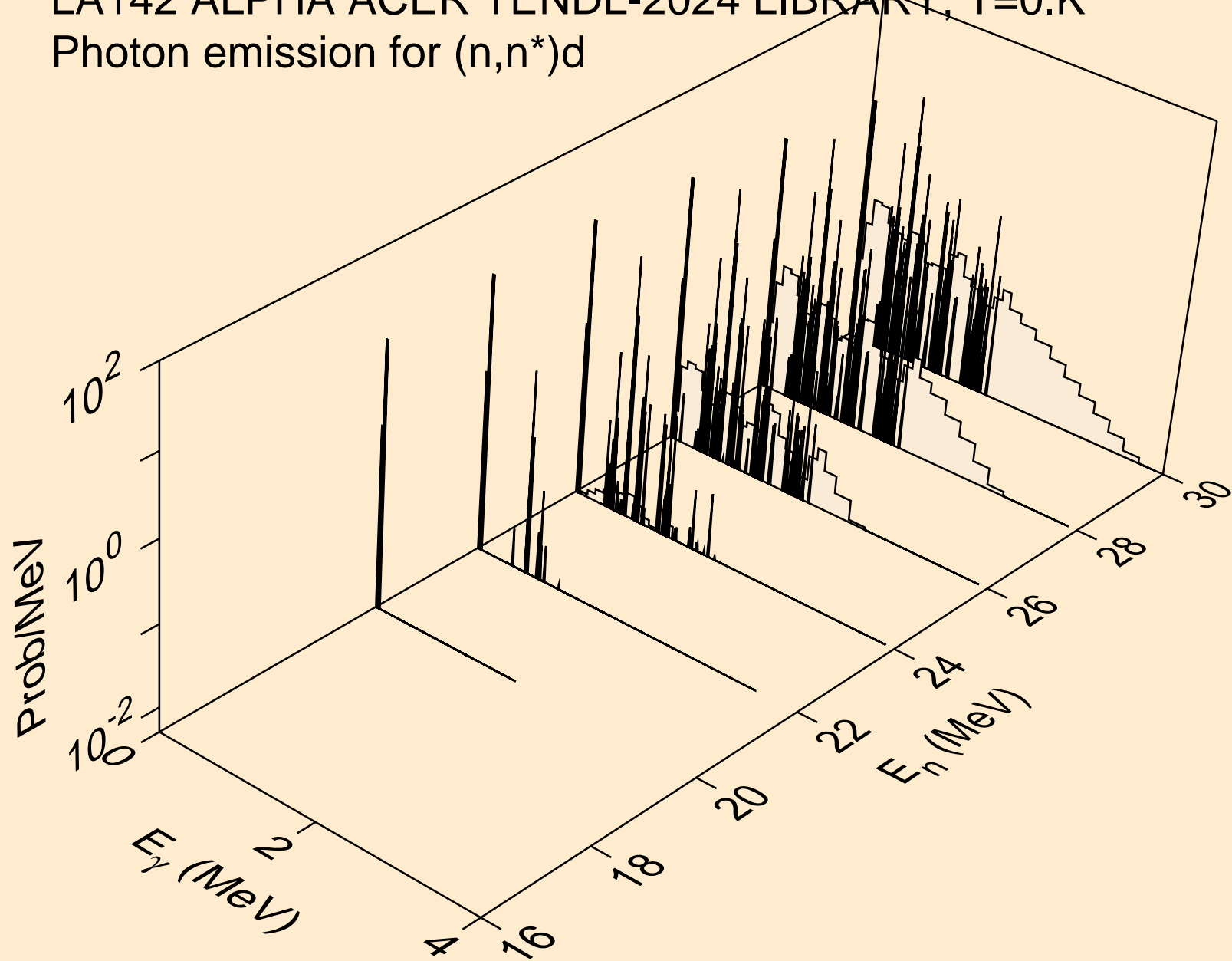
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



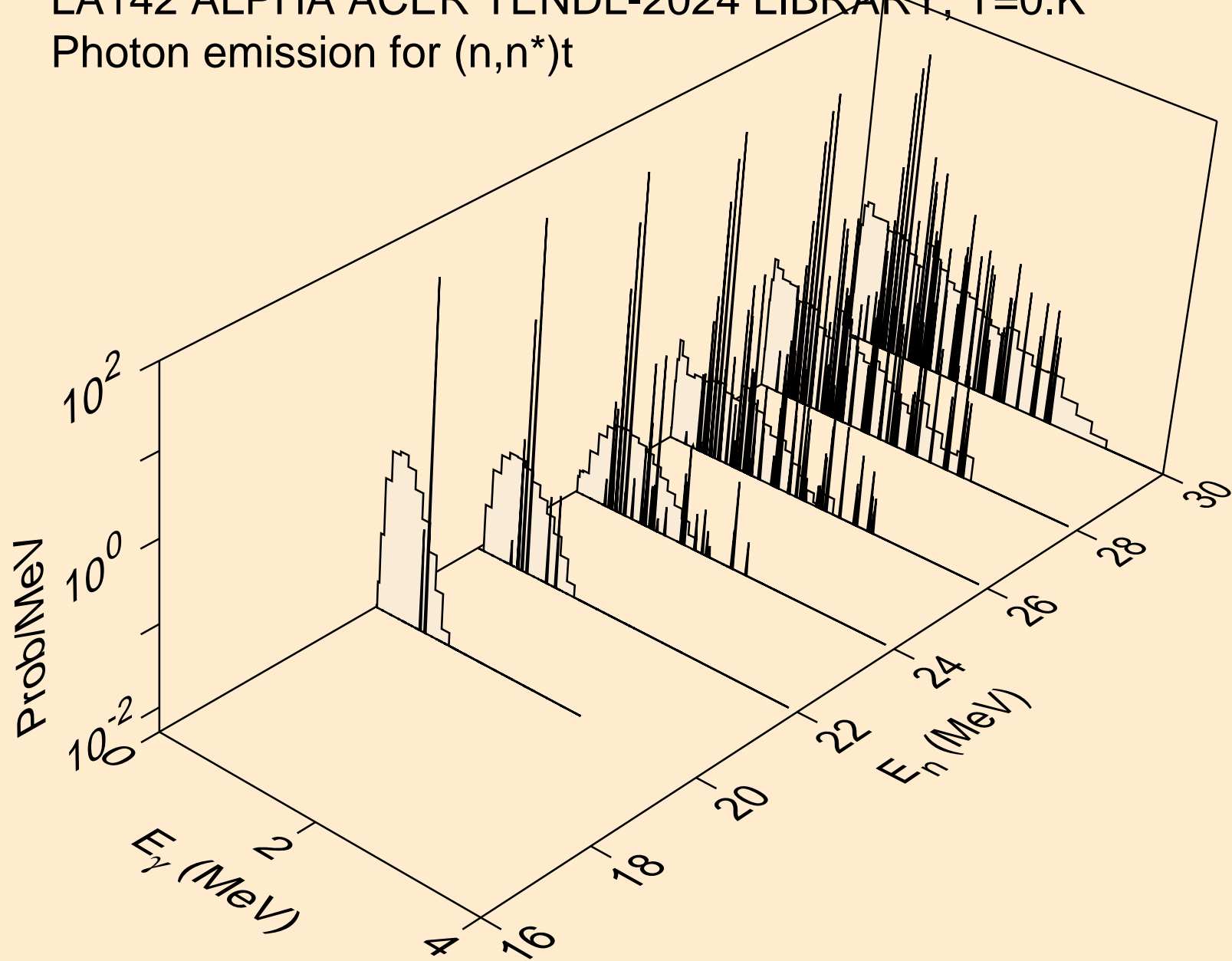
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



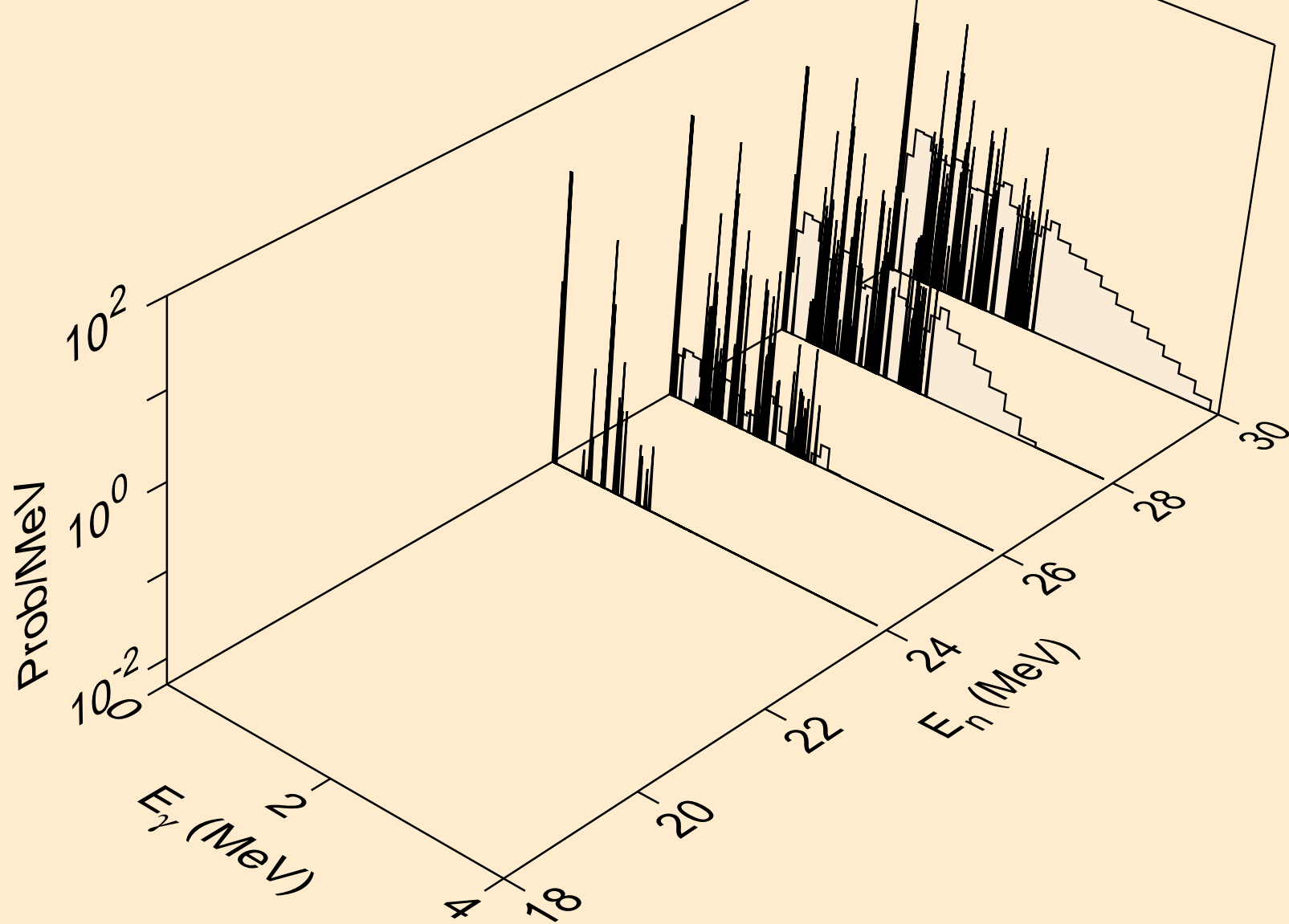
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



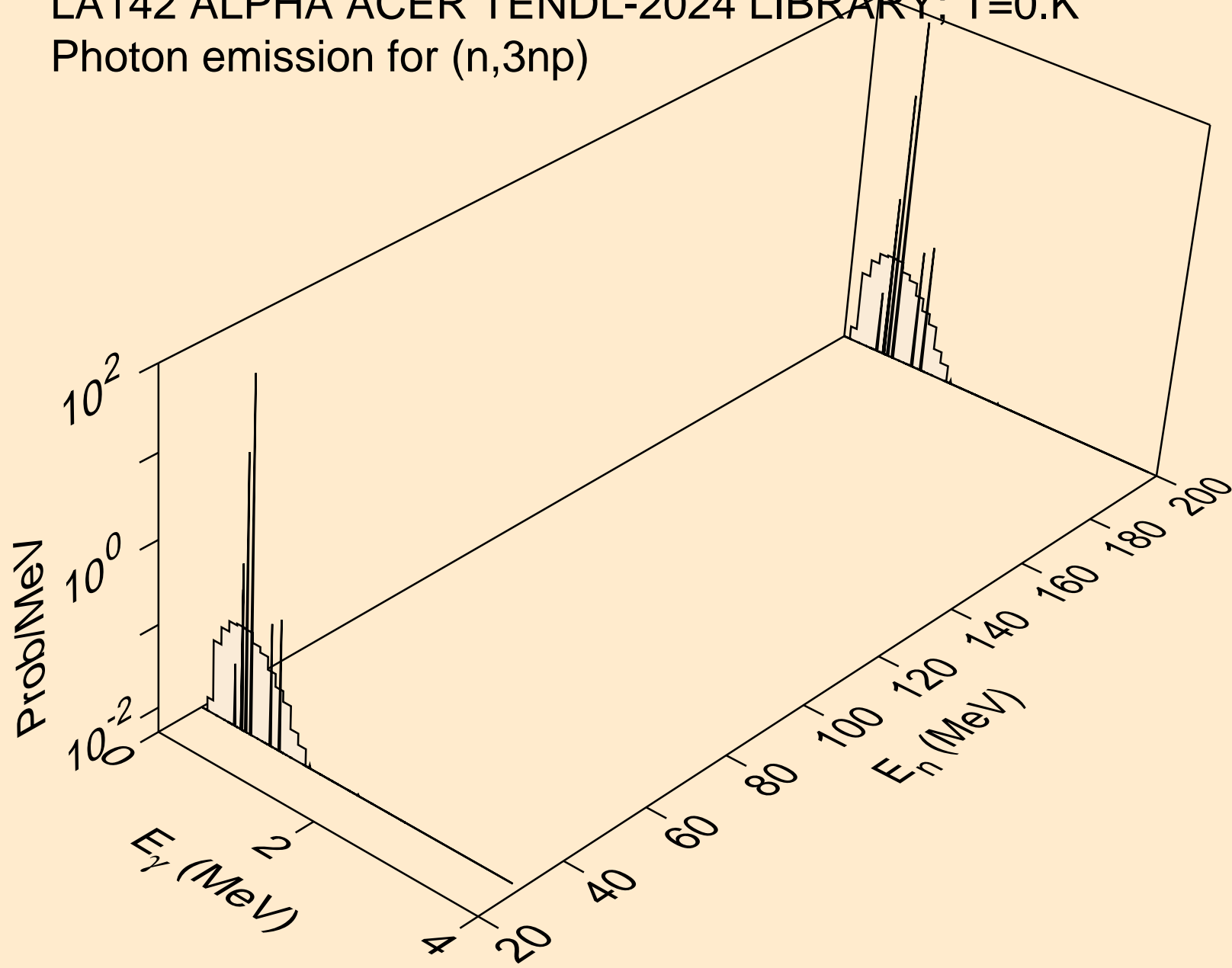
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



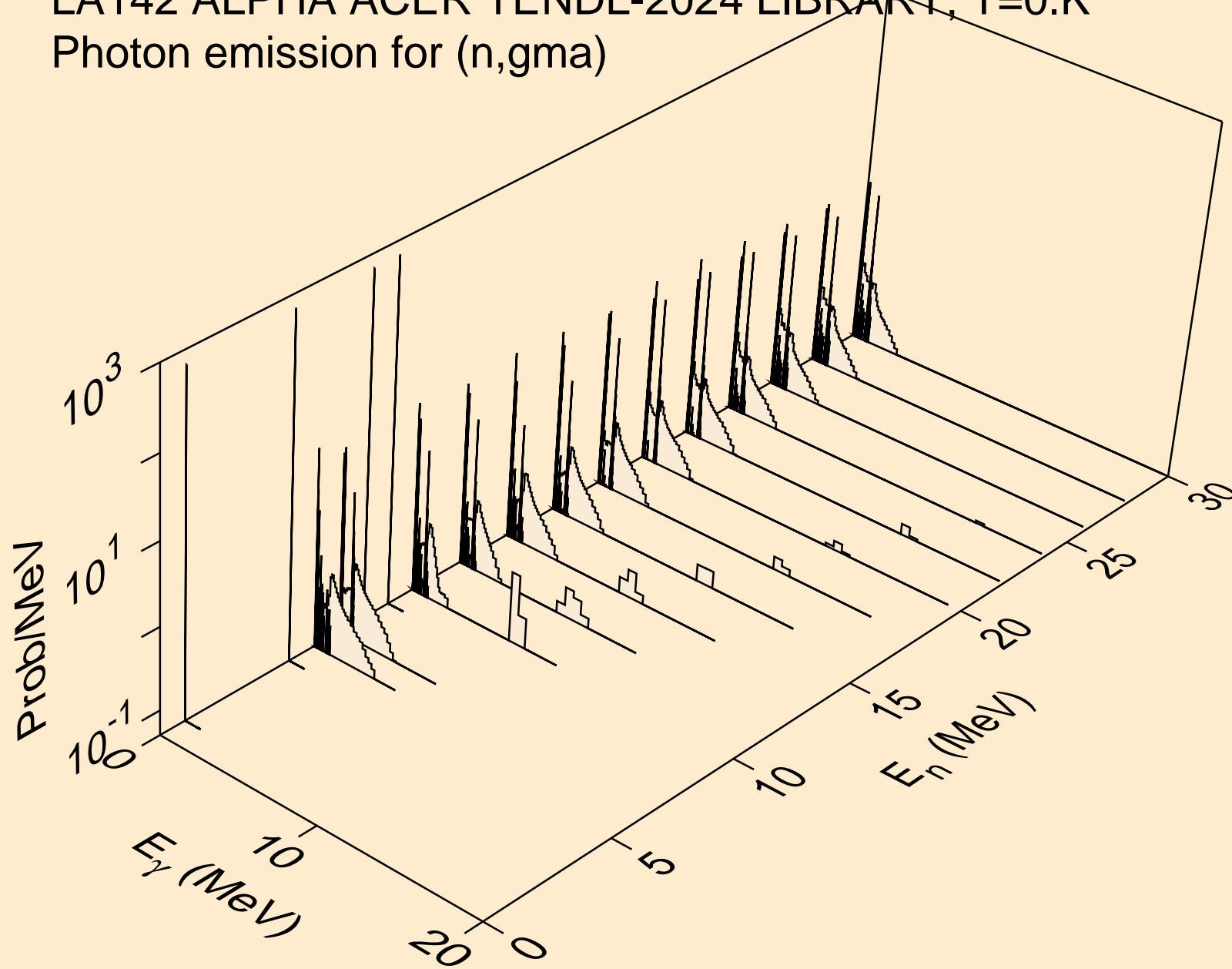
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



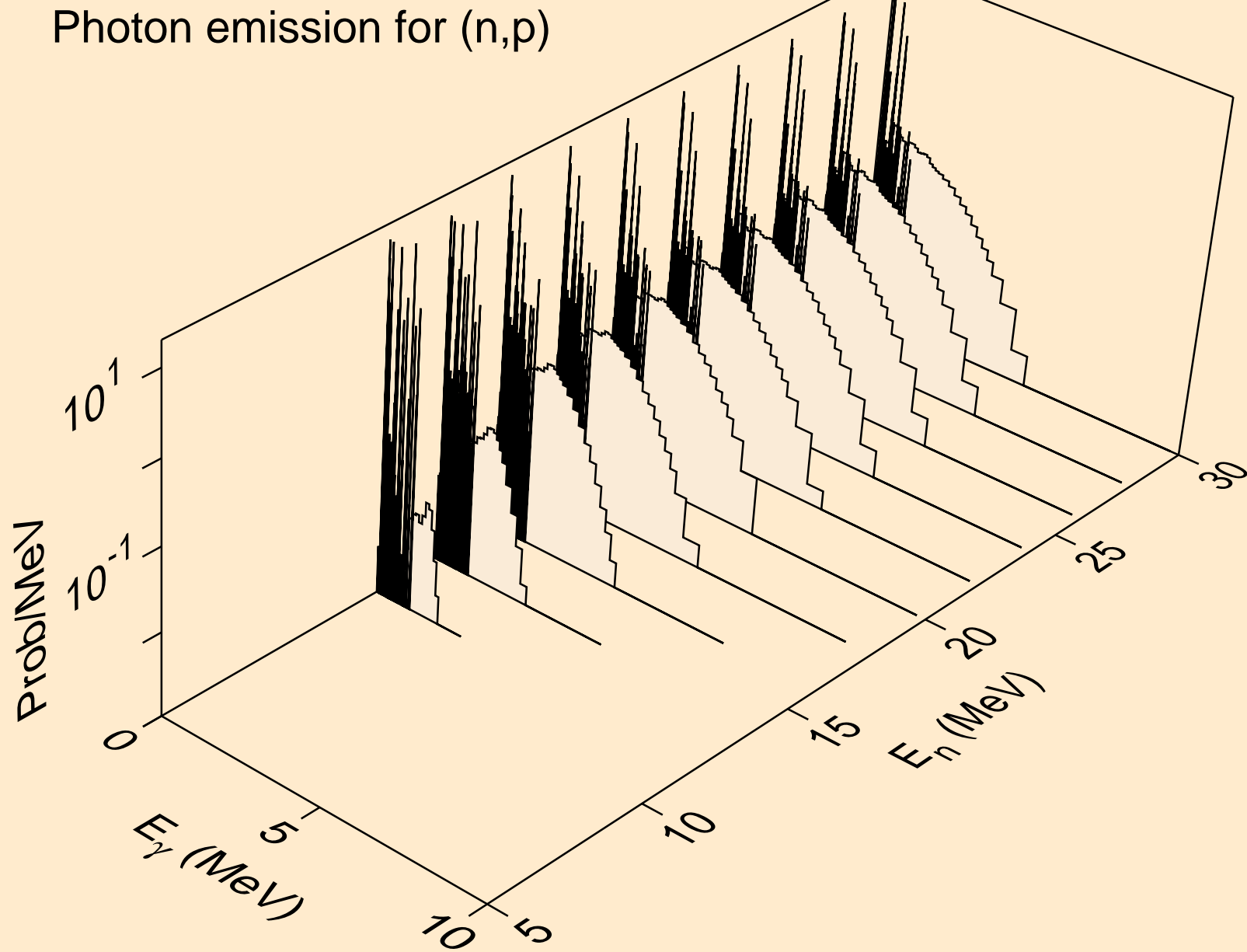
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Photon emission for (n,3np)



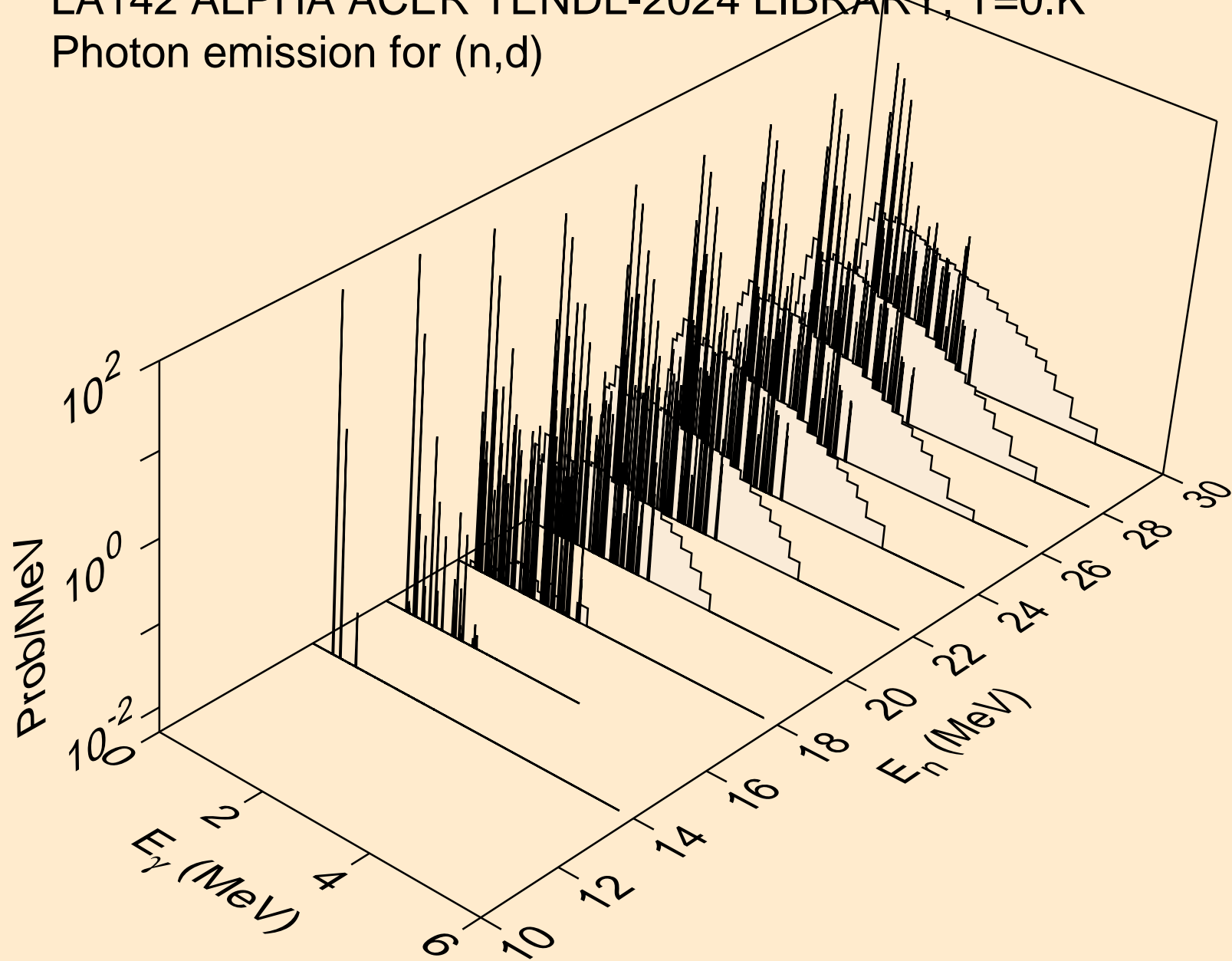
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



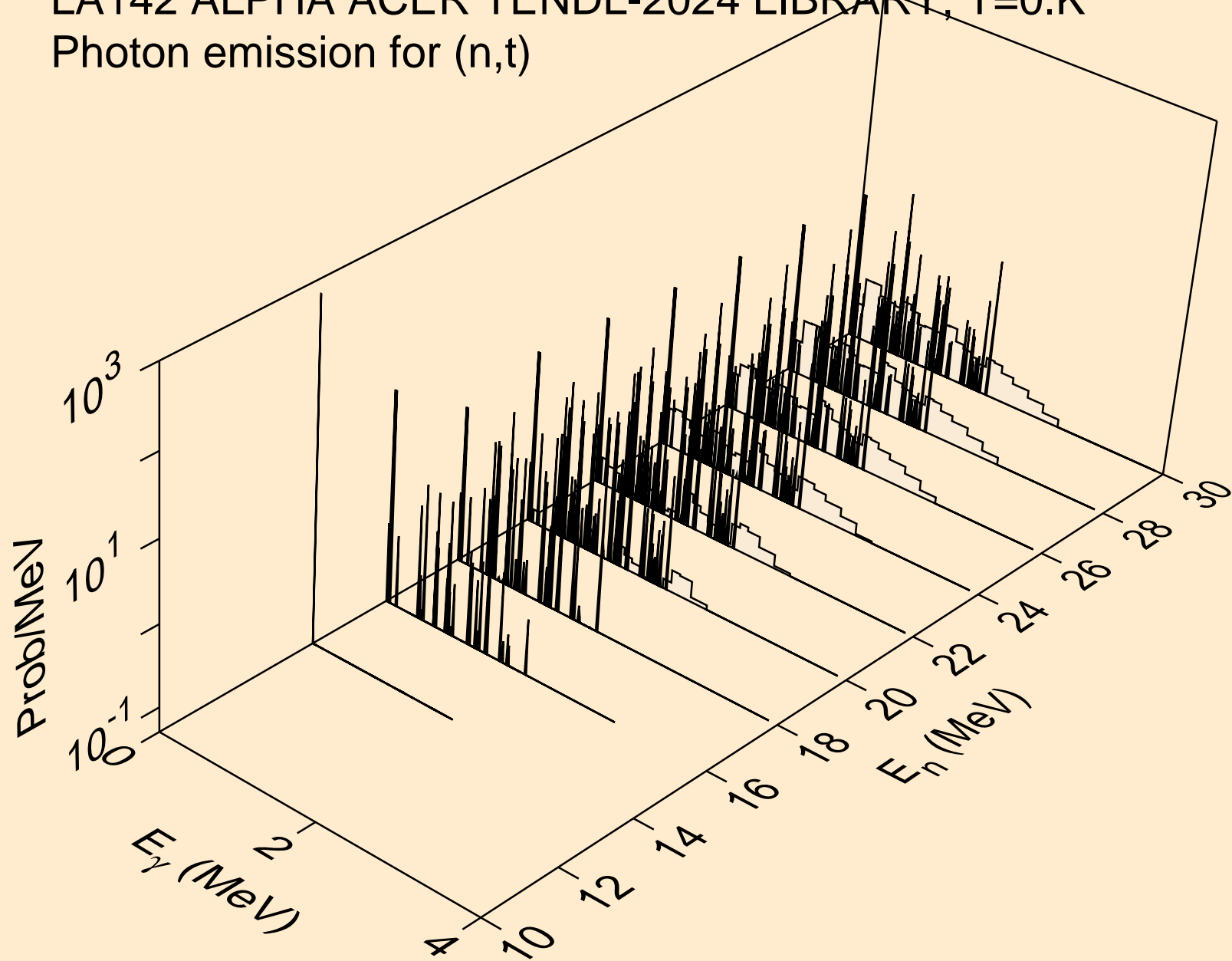
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



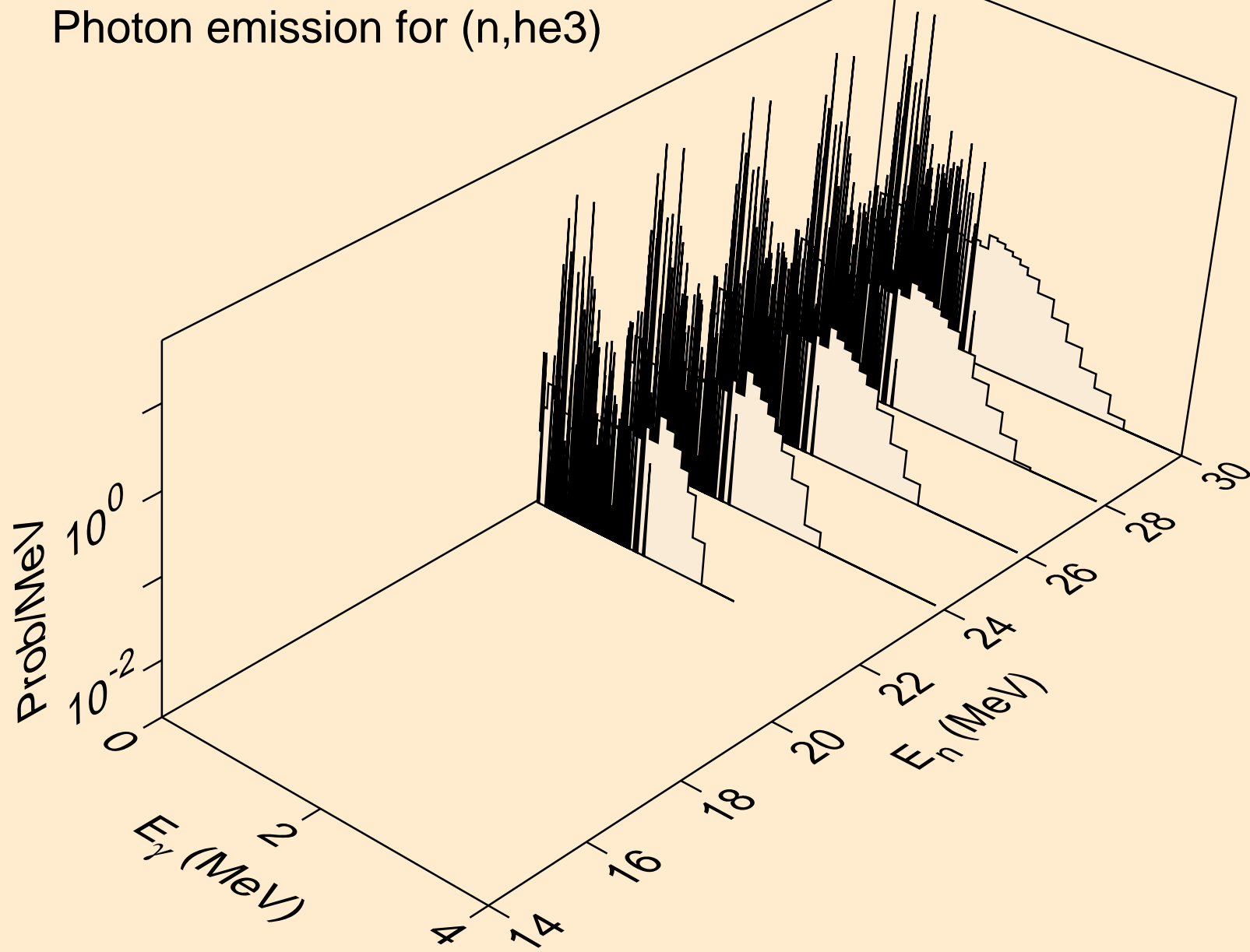
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



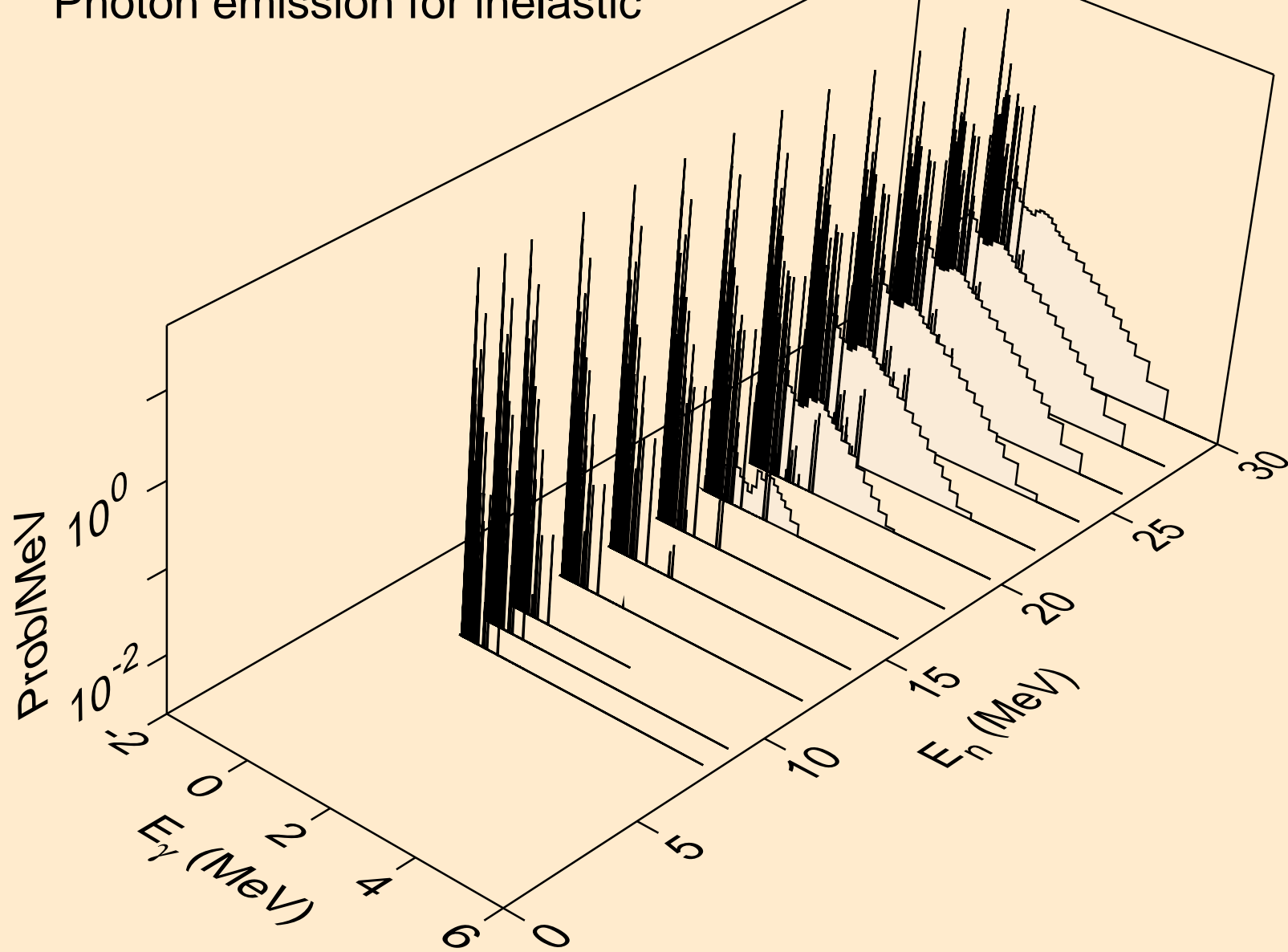
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



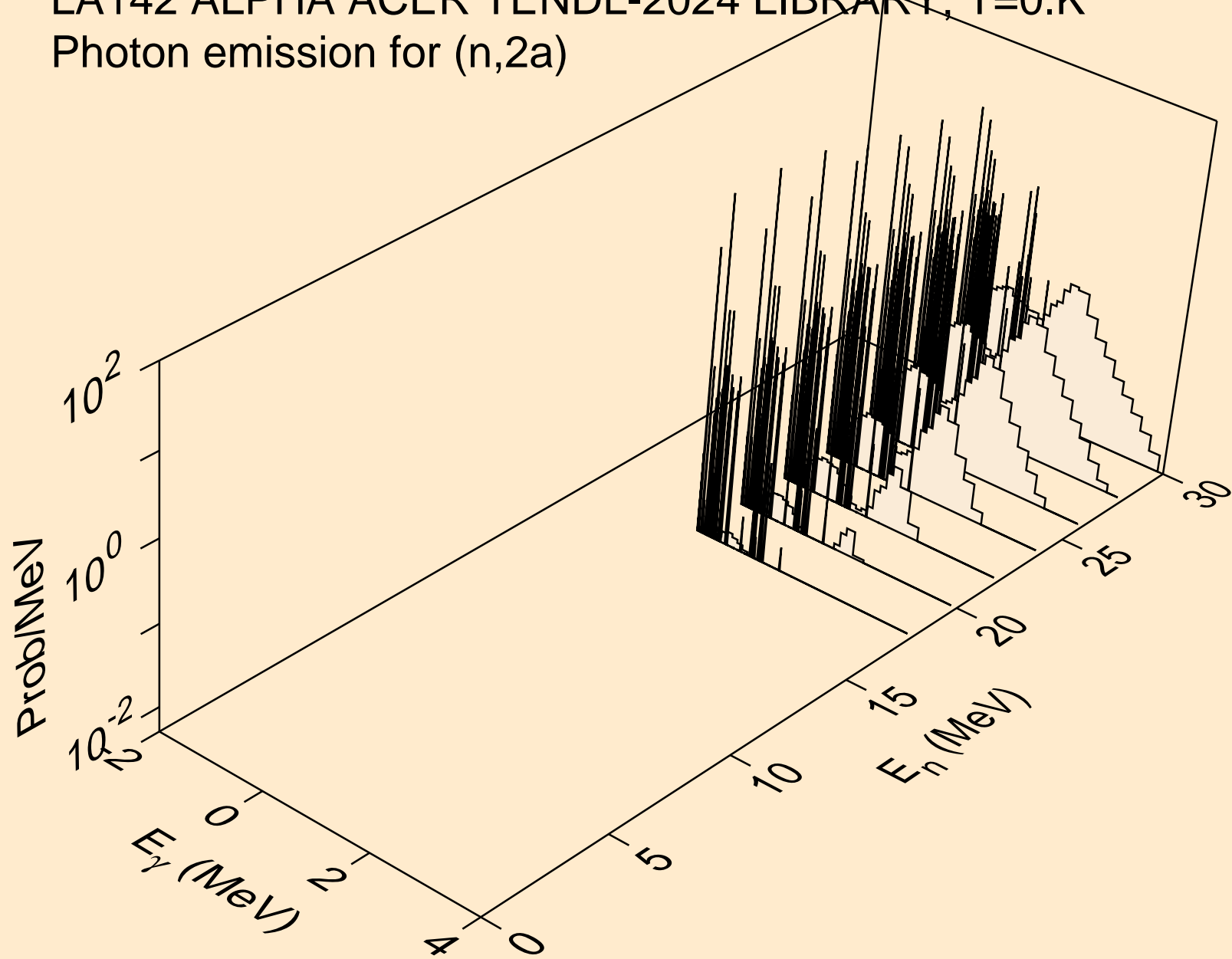
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



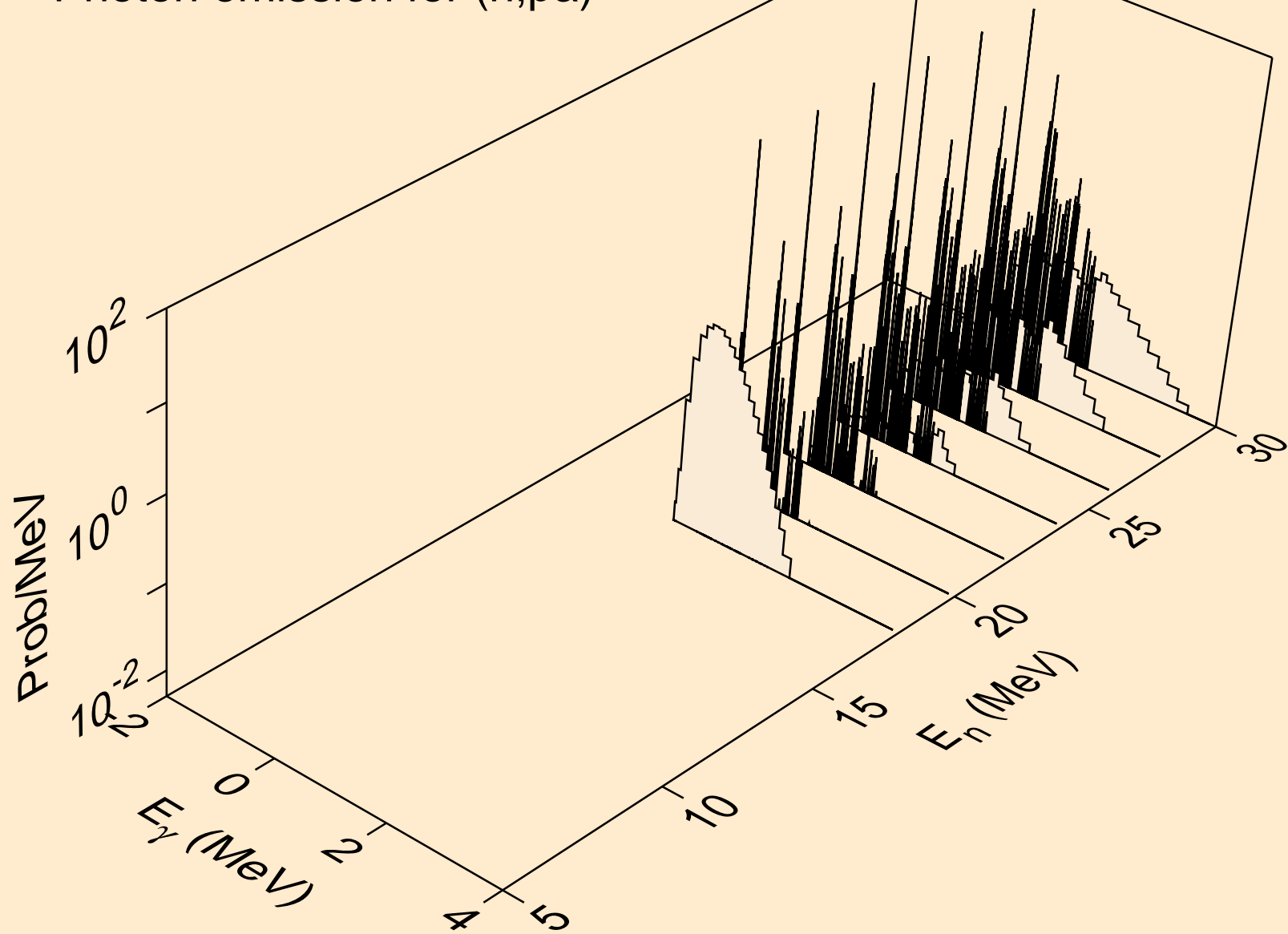
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)

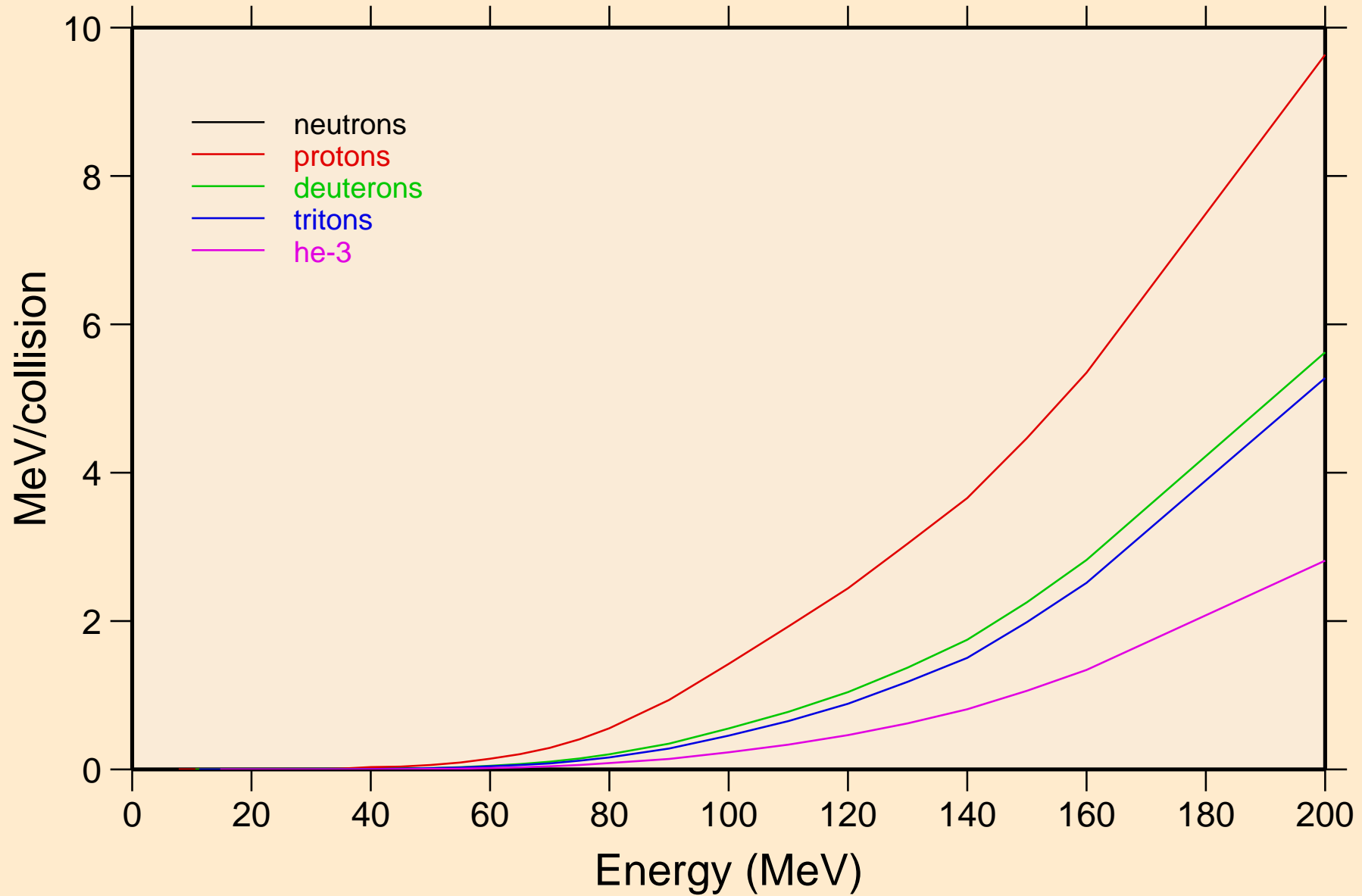


LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)



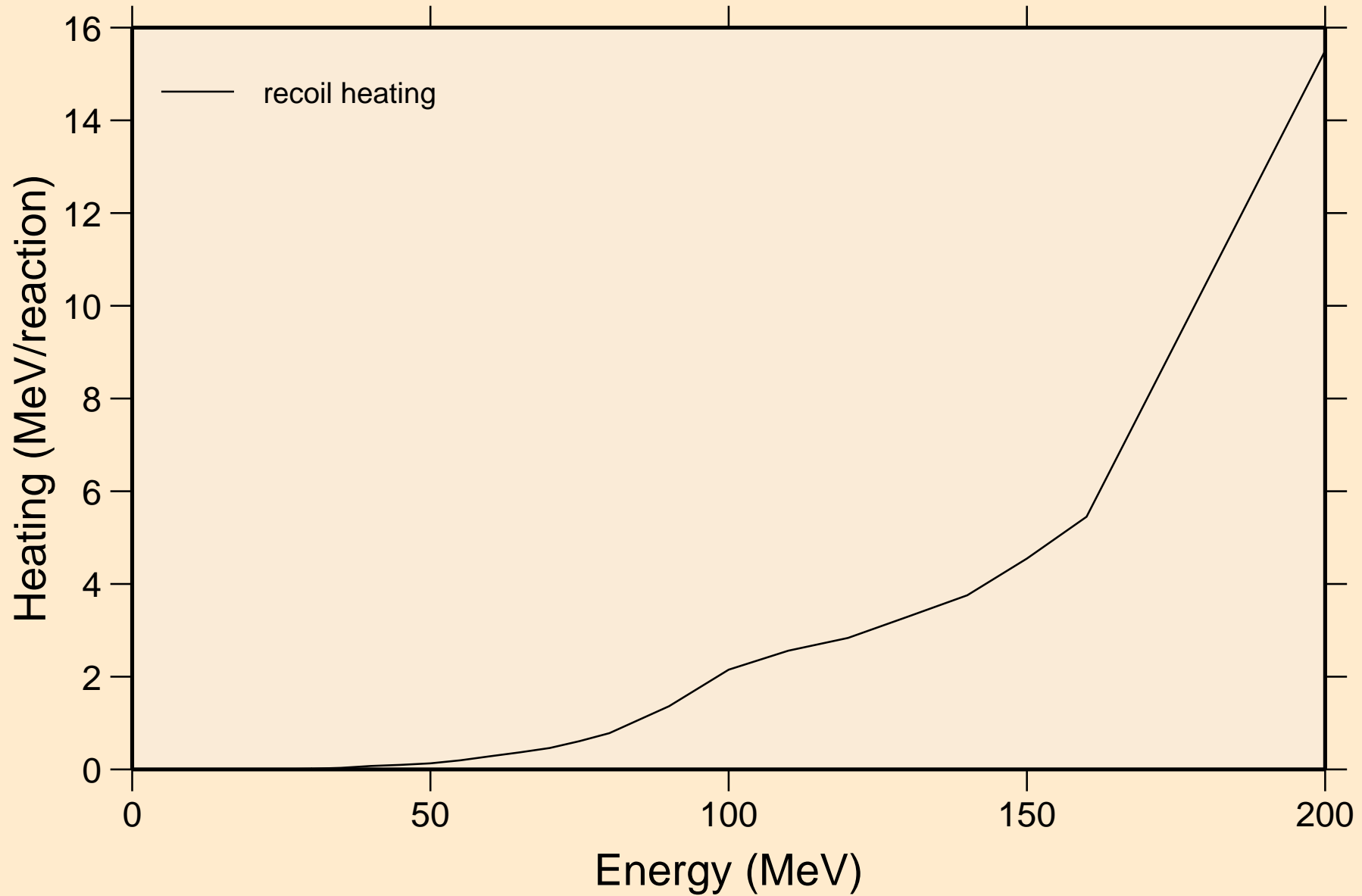
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions

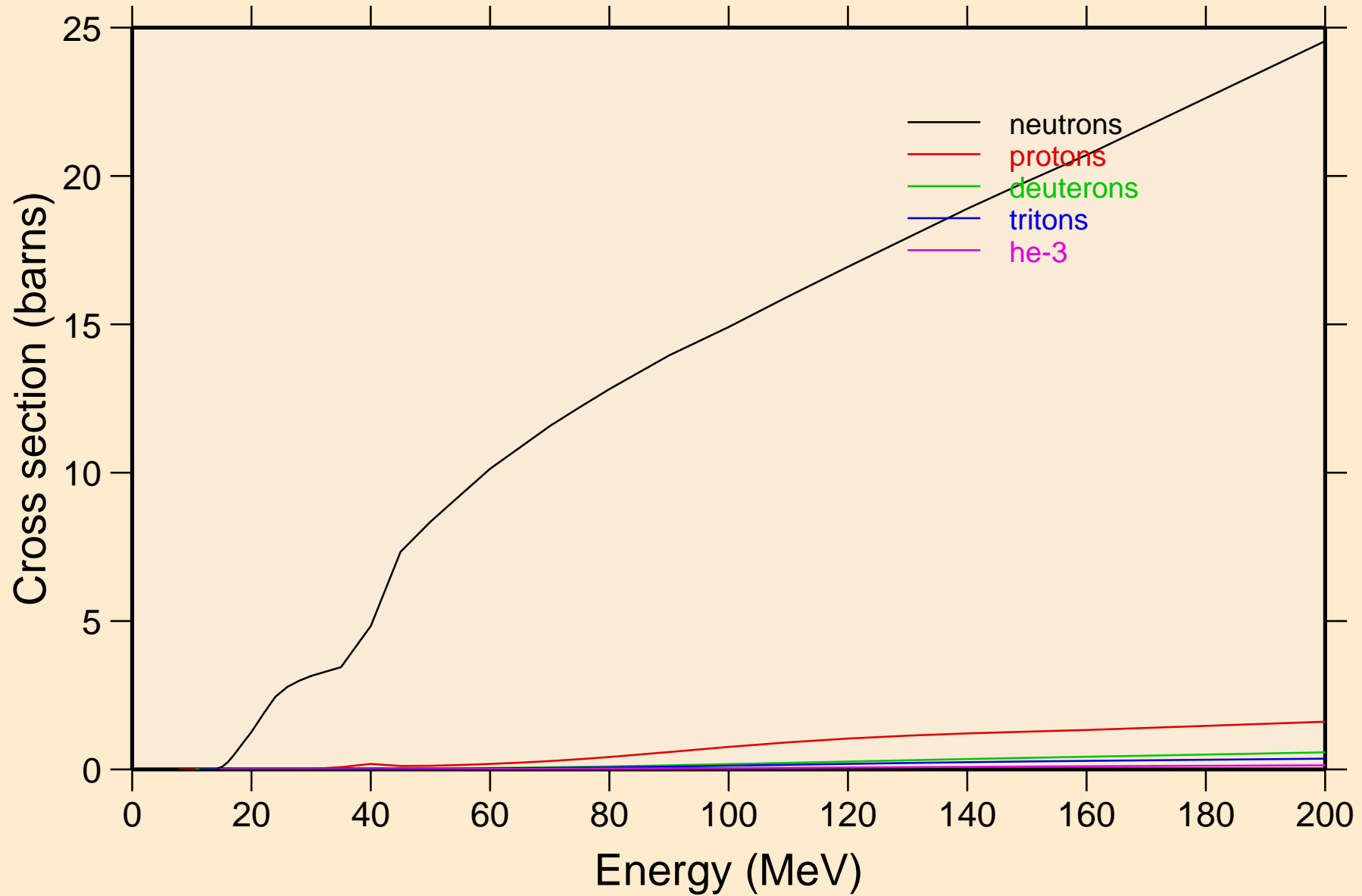


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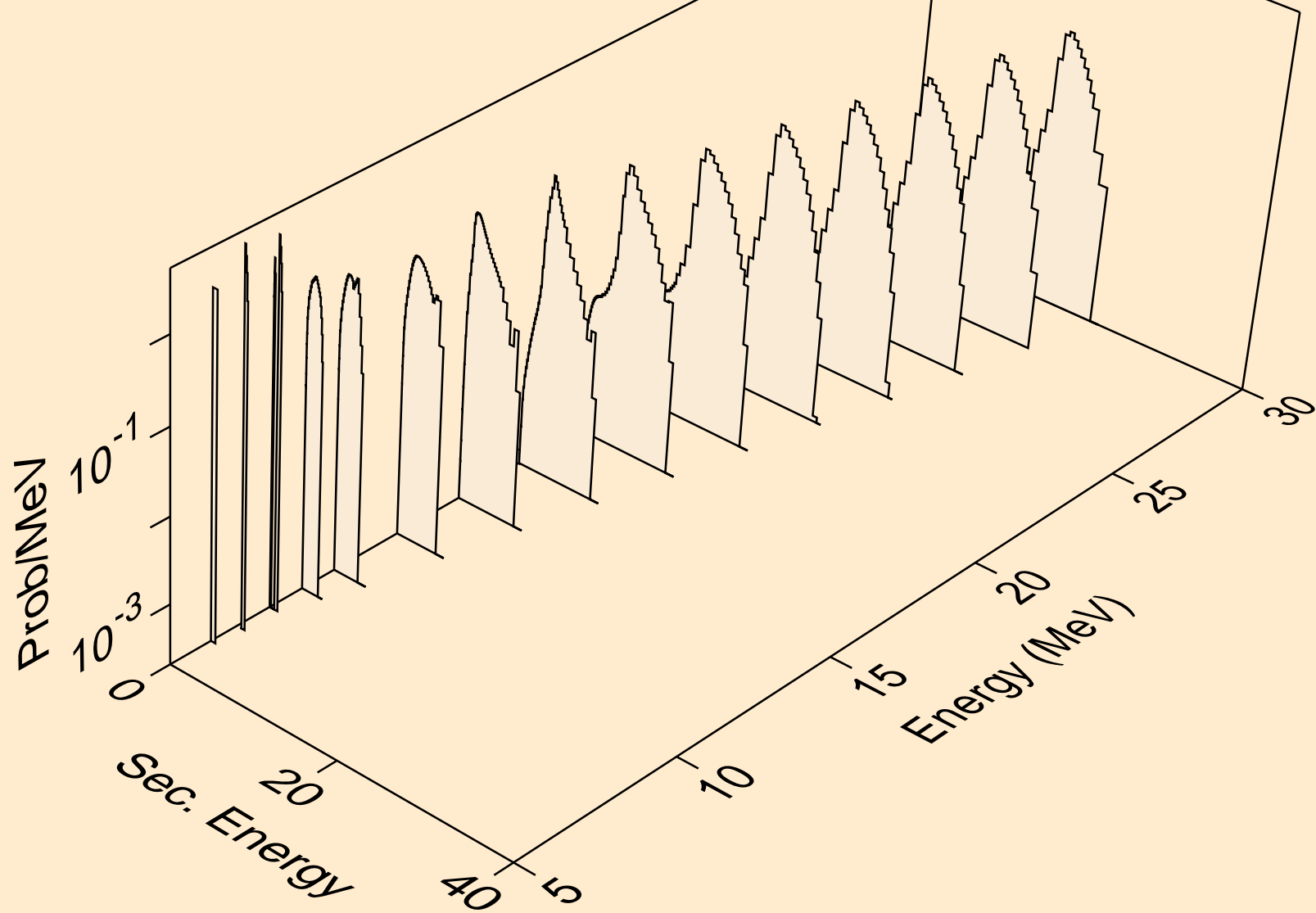
Recoil Heating



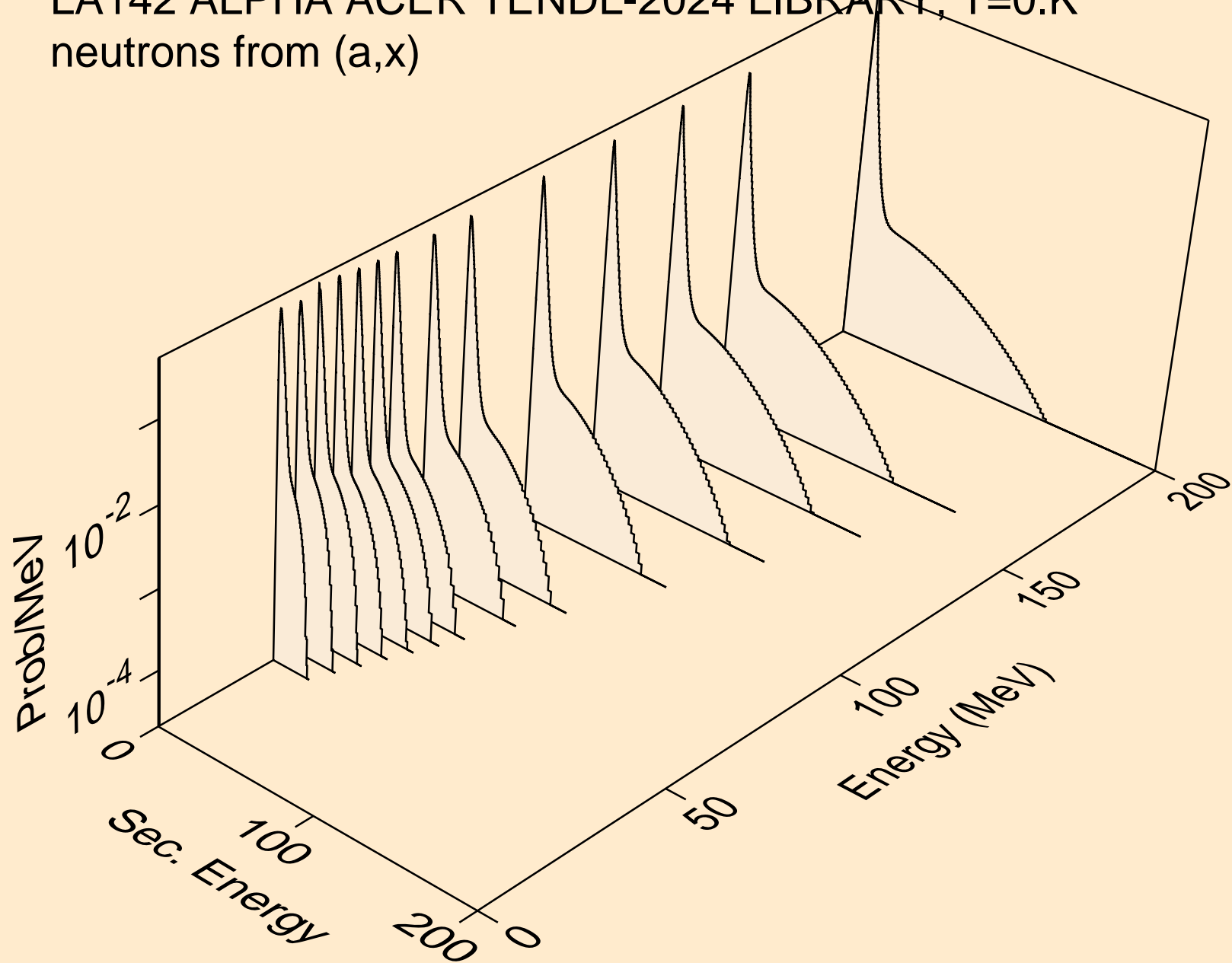
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Particle production cross sections



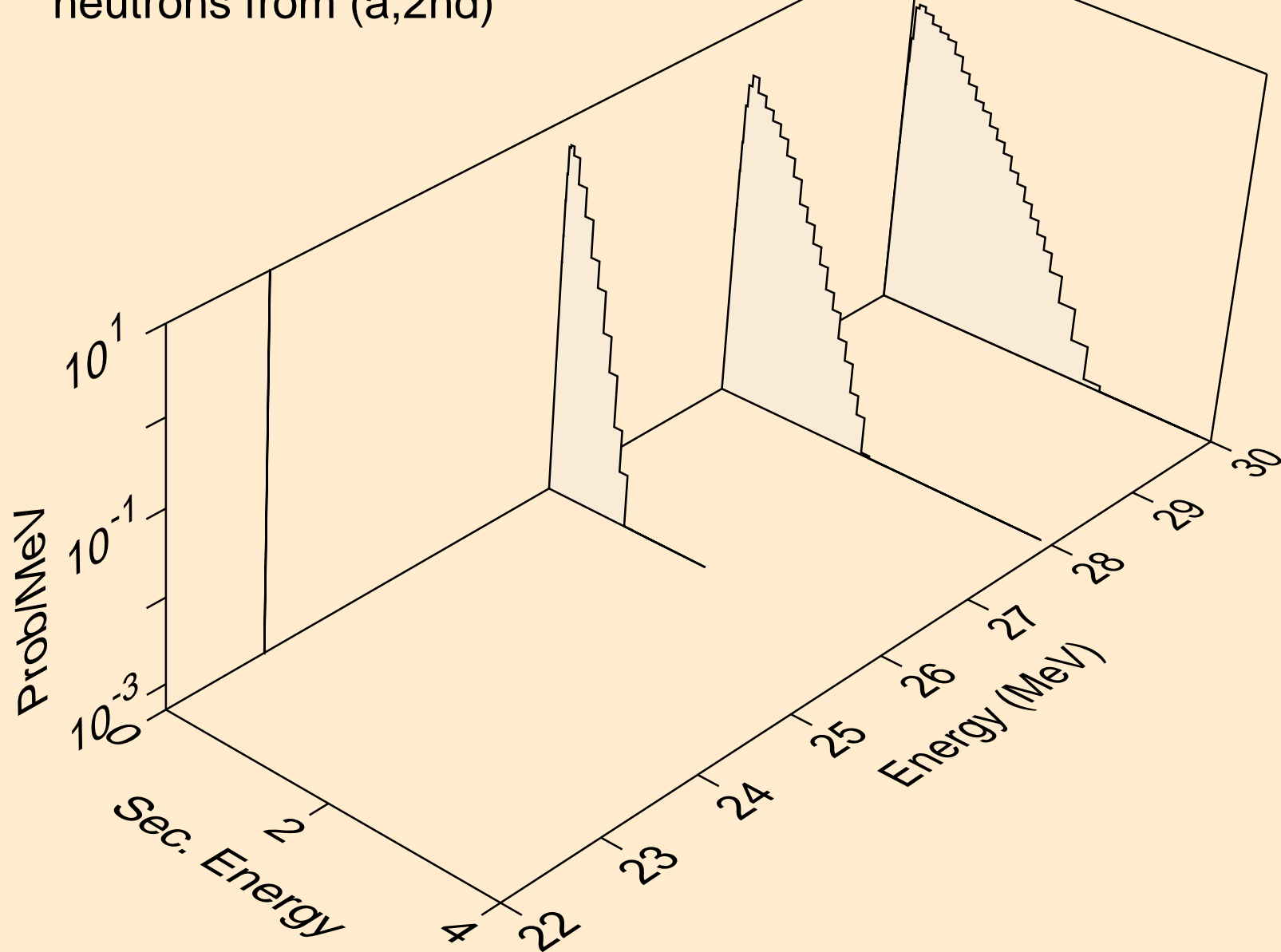
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n)



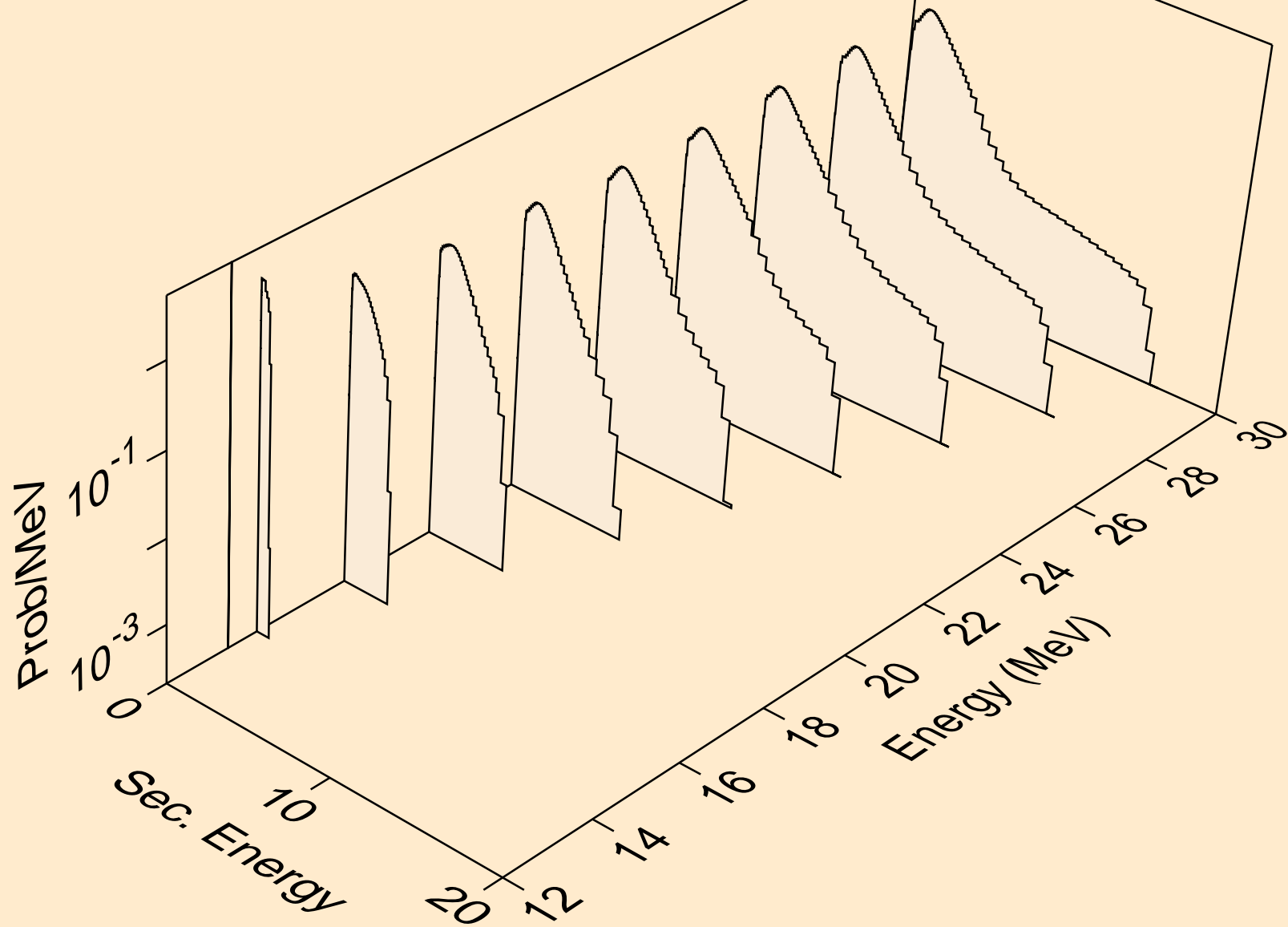
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,x)



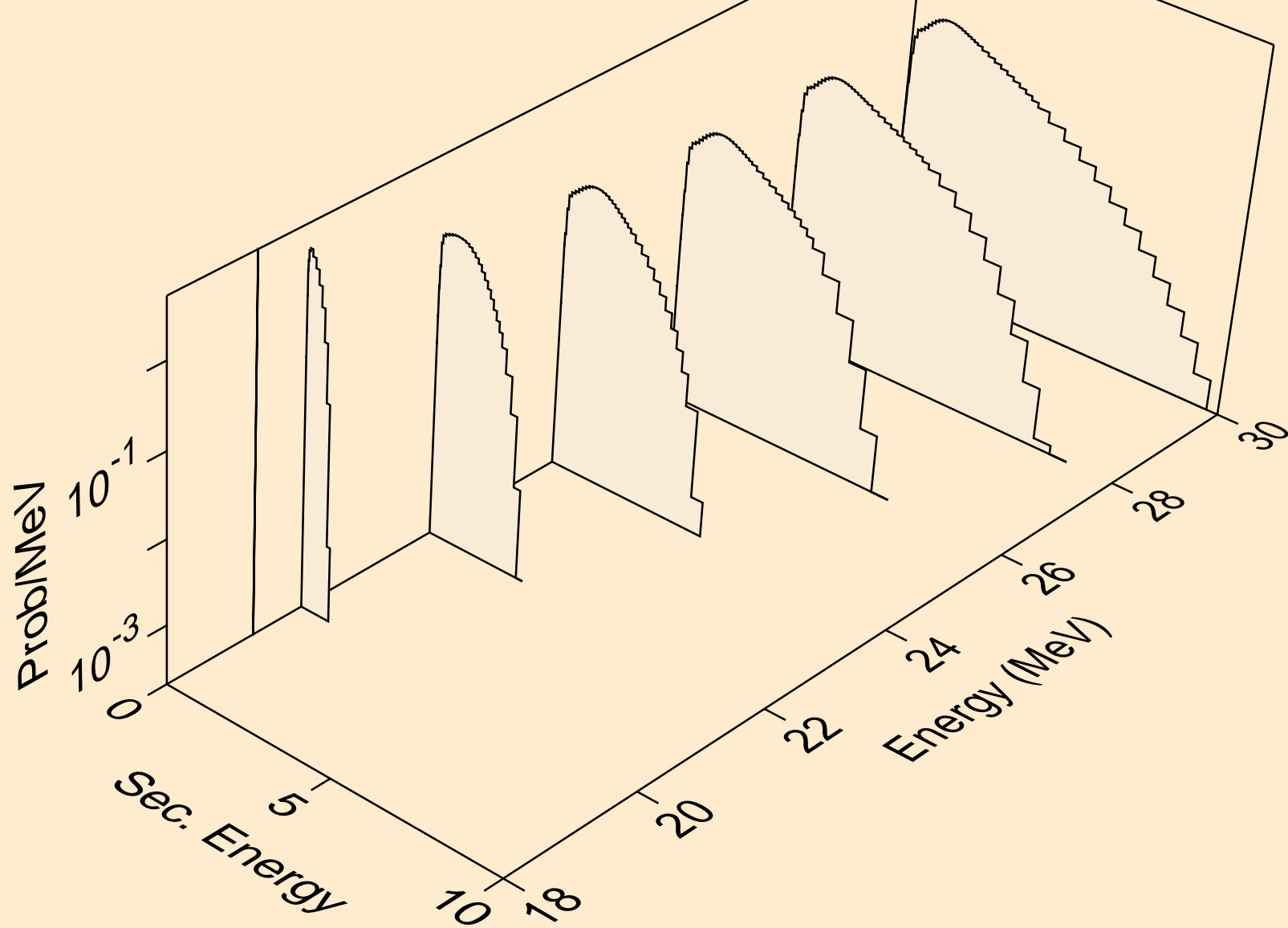
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2nd)



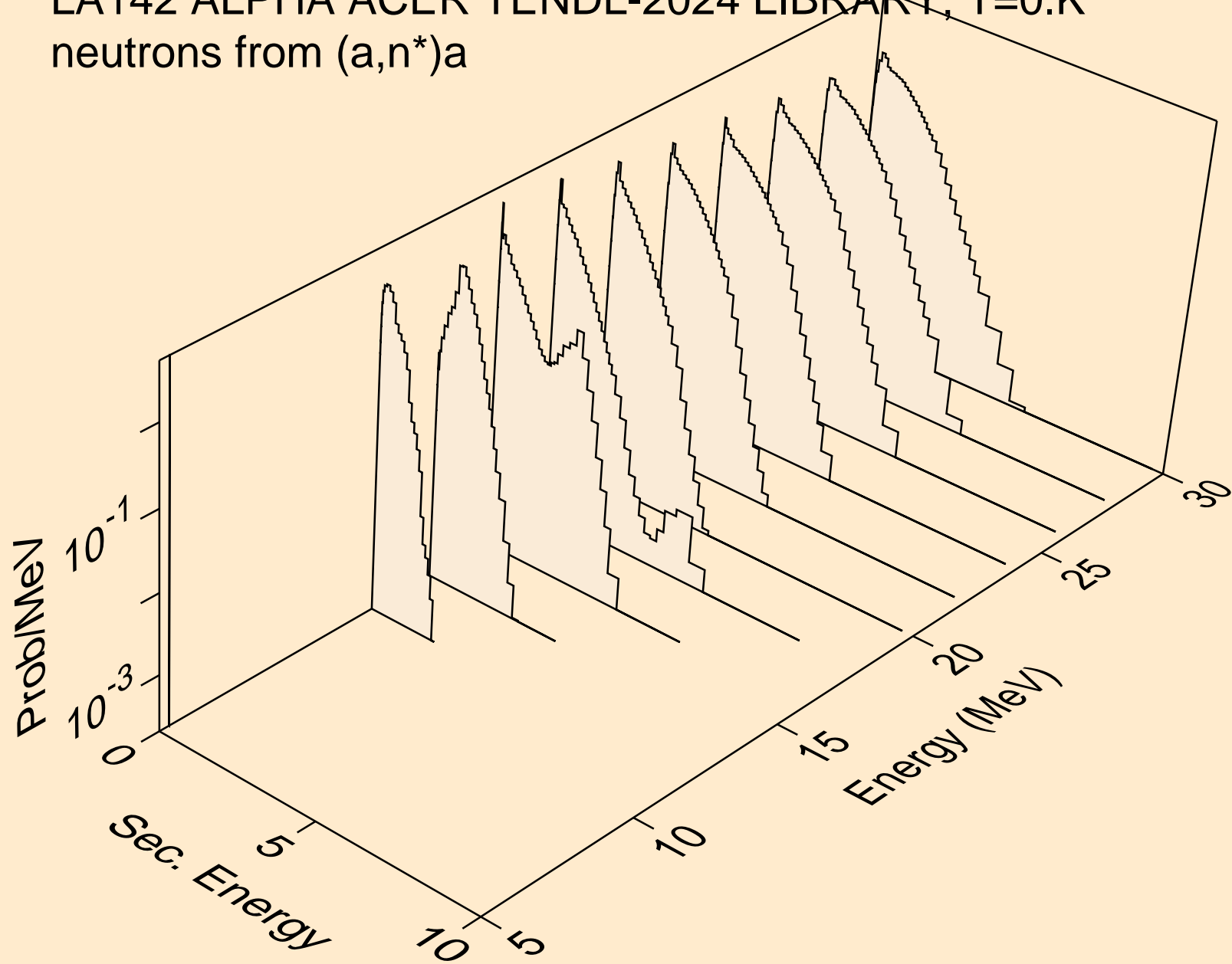
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)



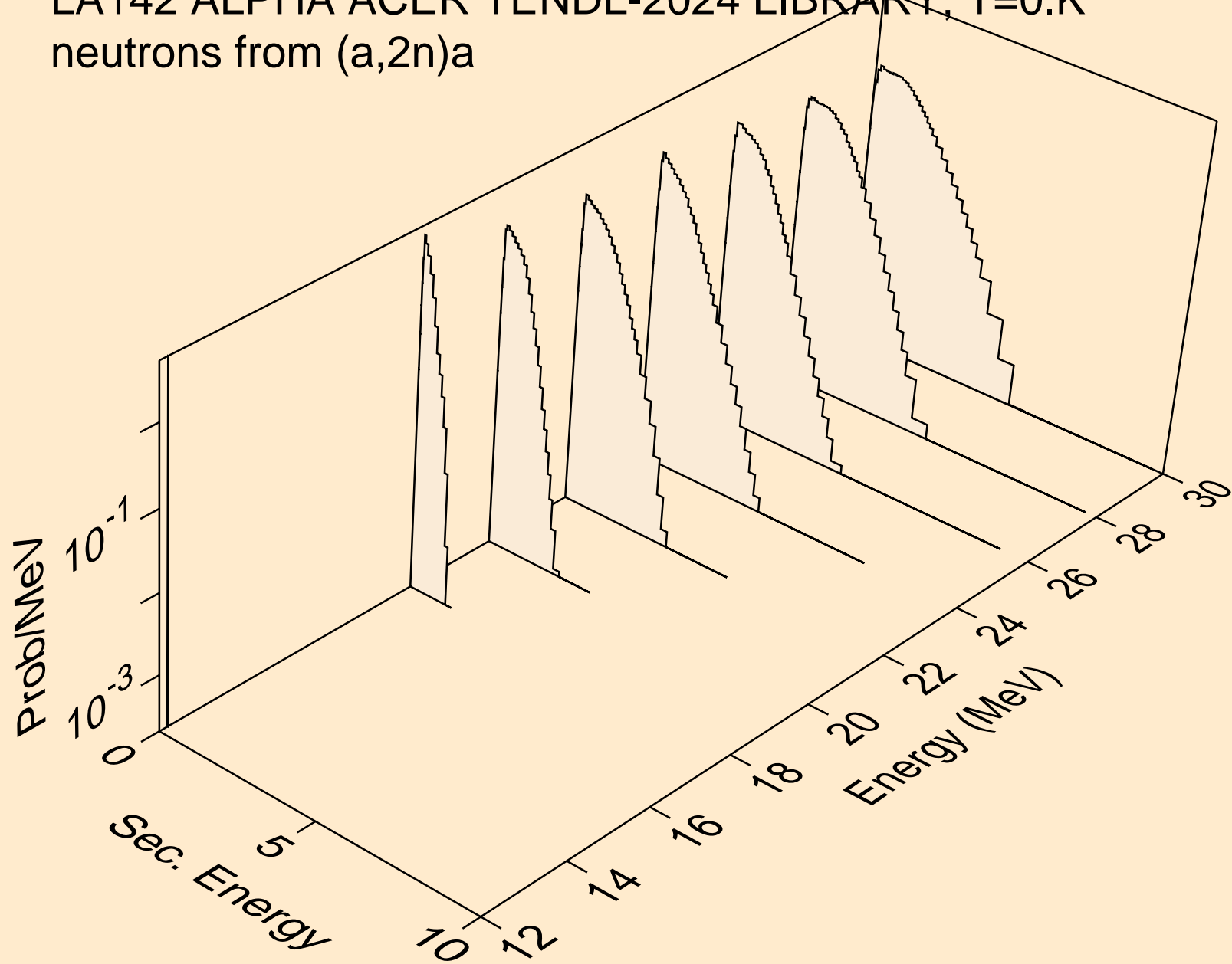
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,3n)



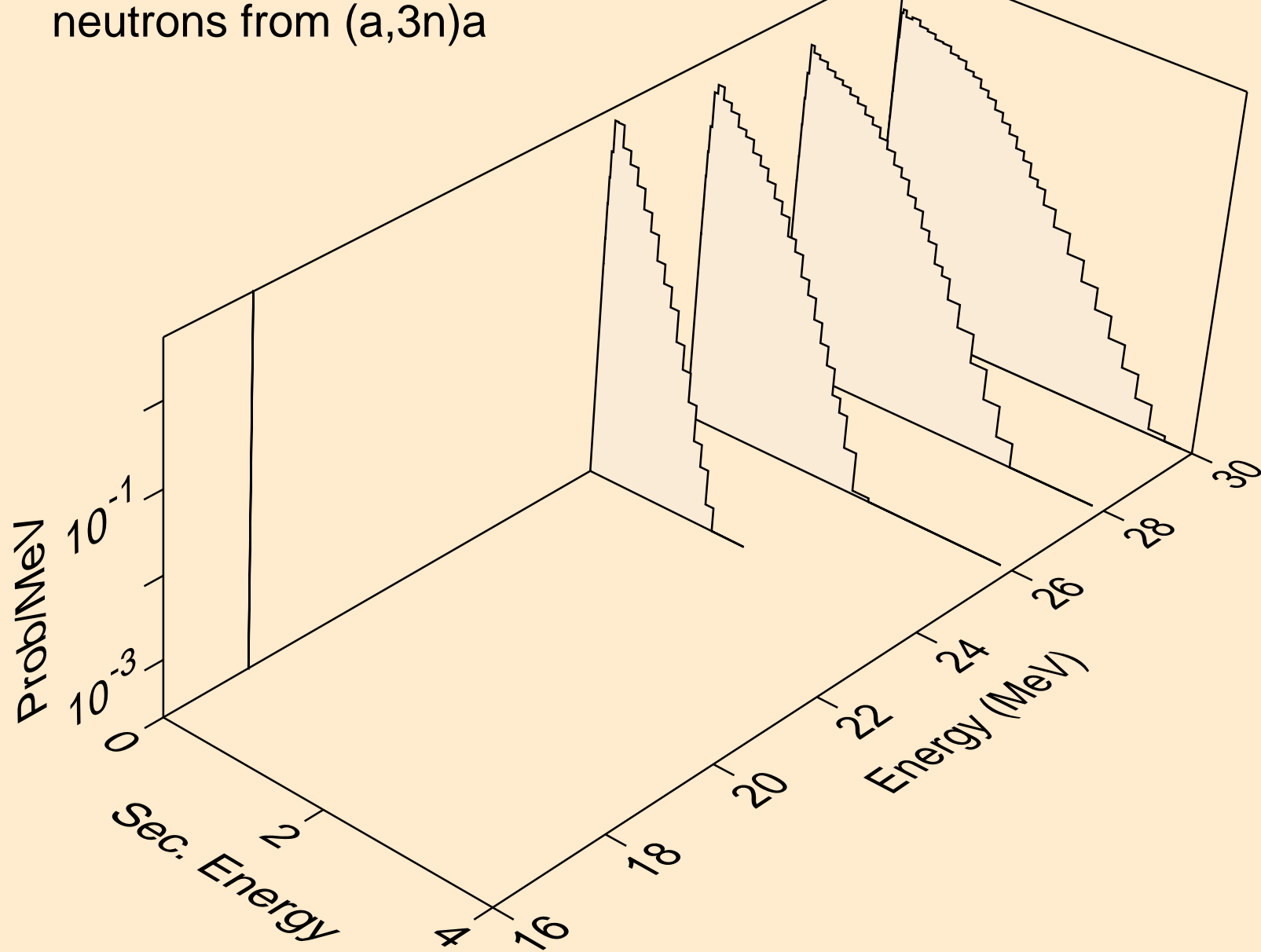
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)a



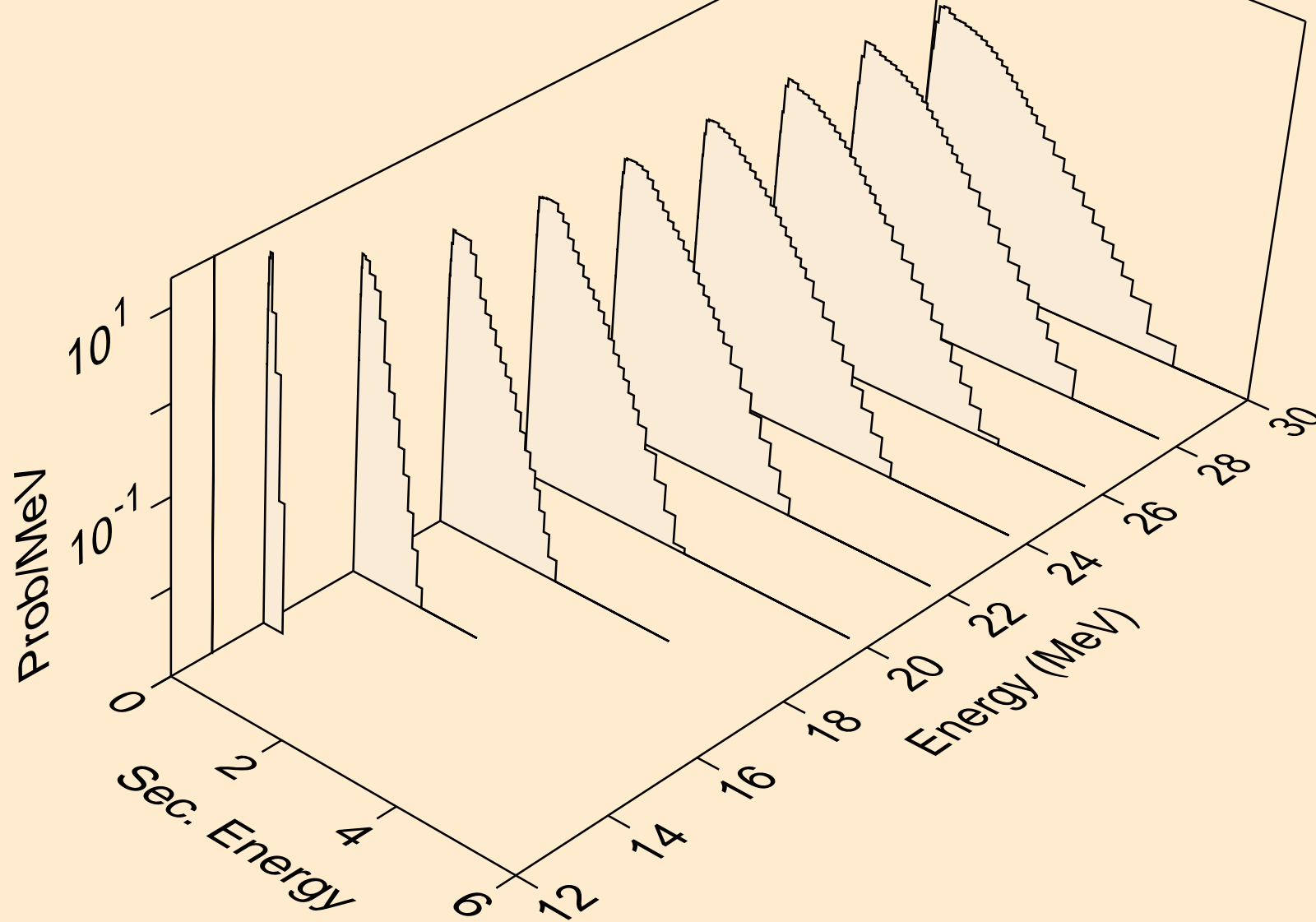
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)a



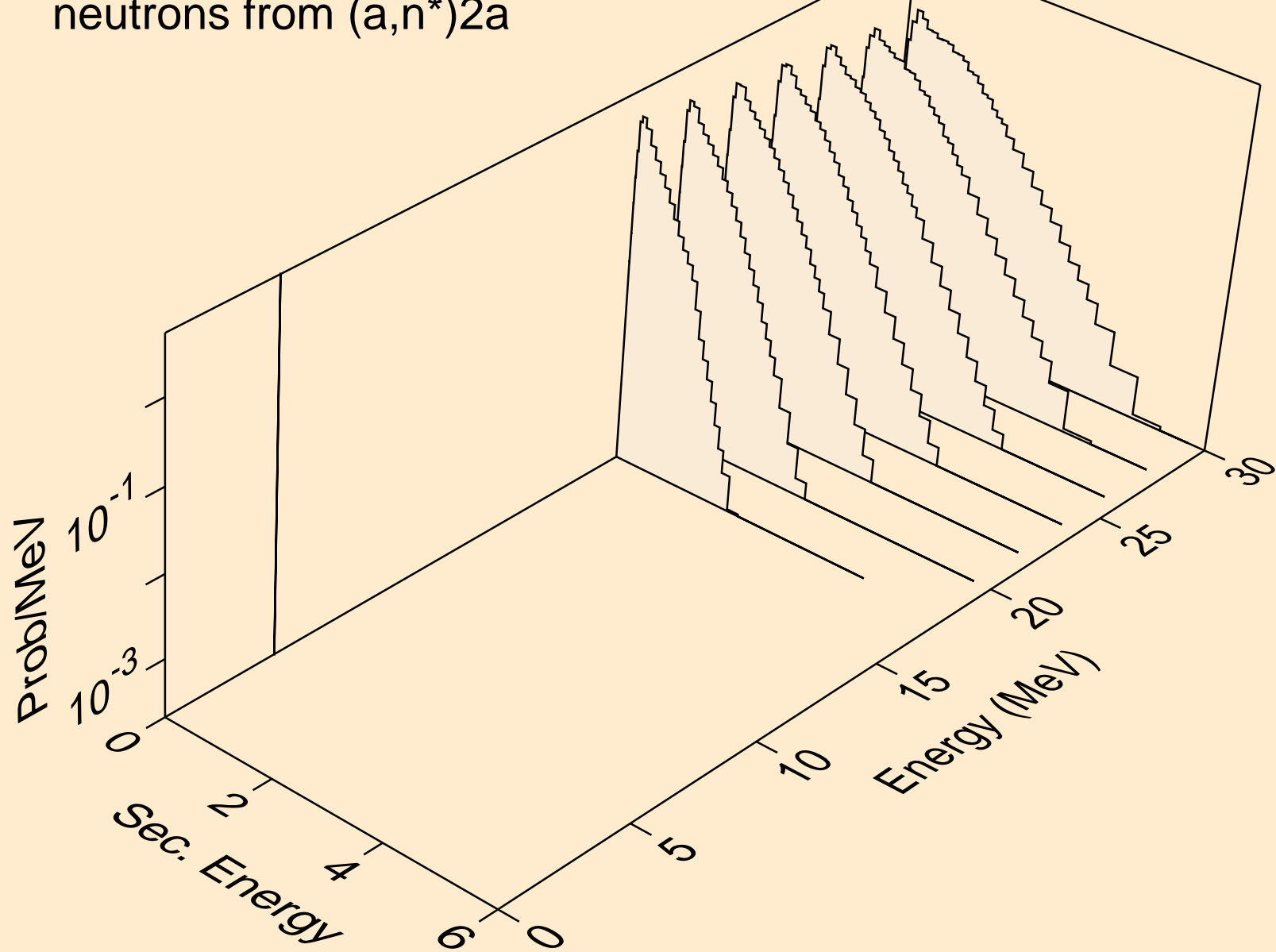
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,3n)a



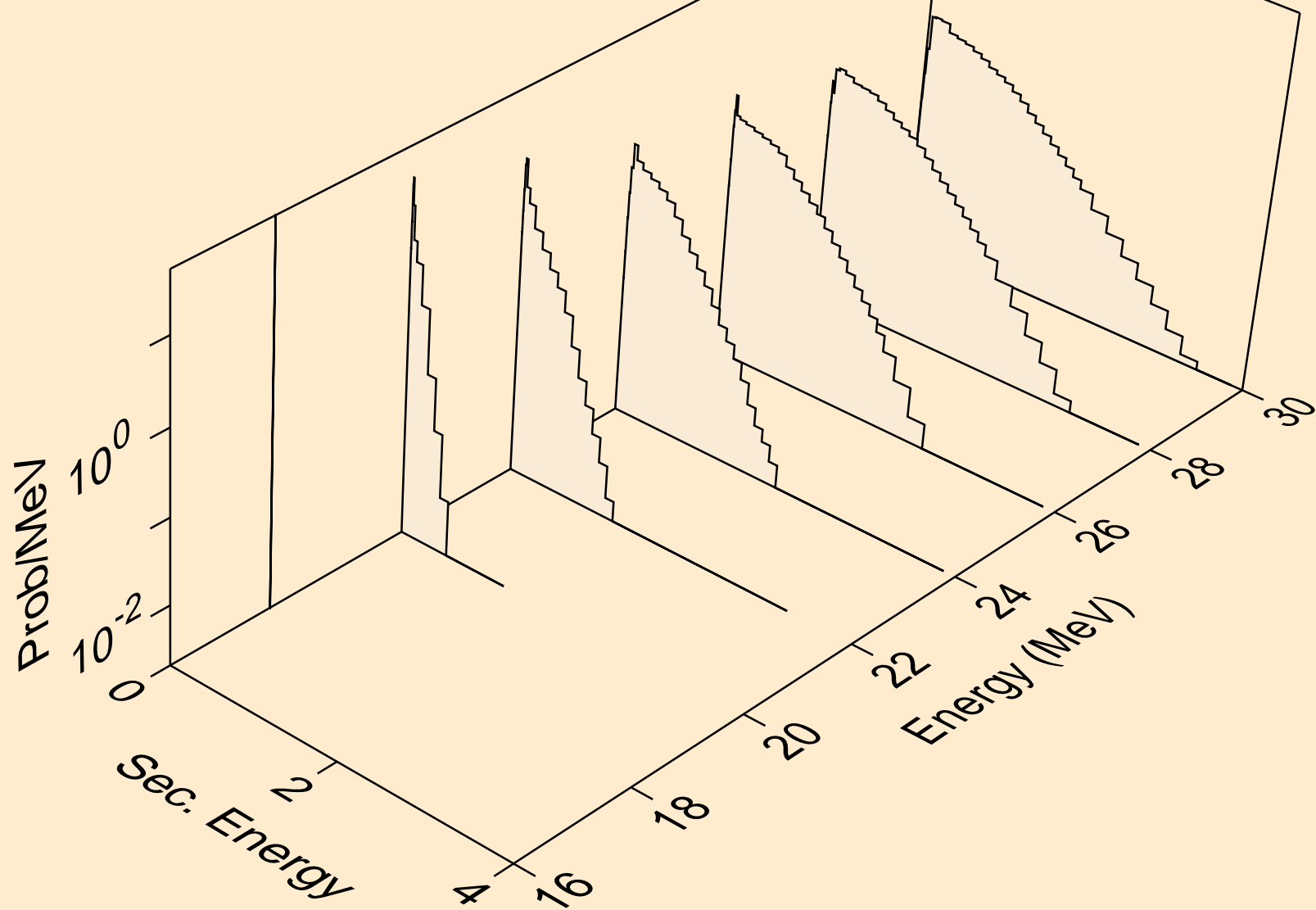
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)p



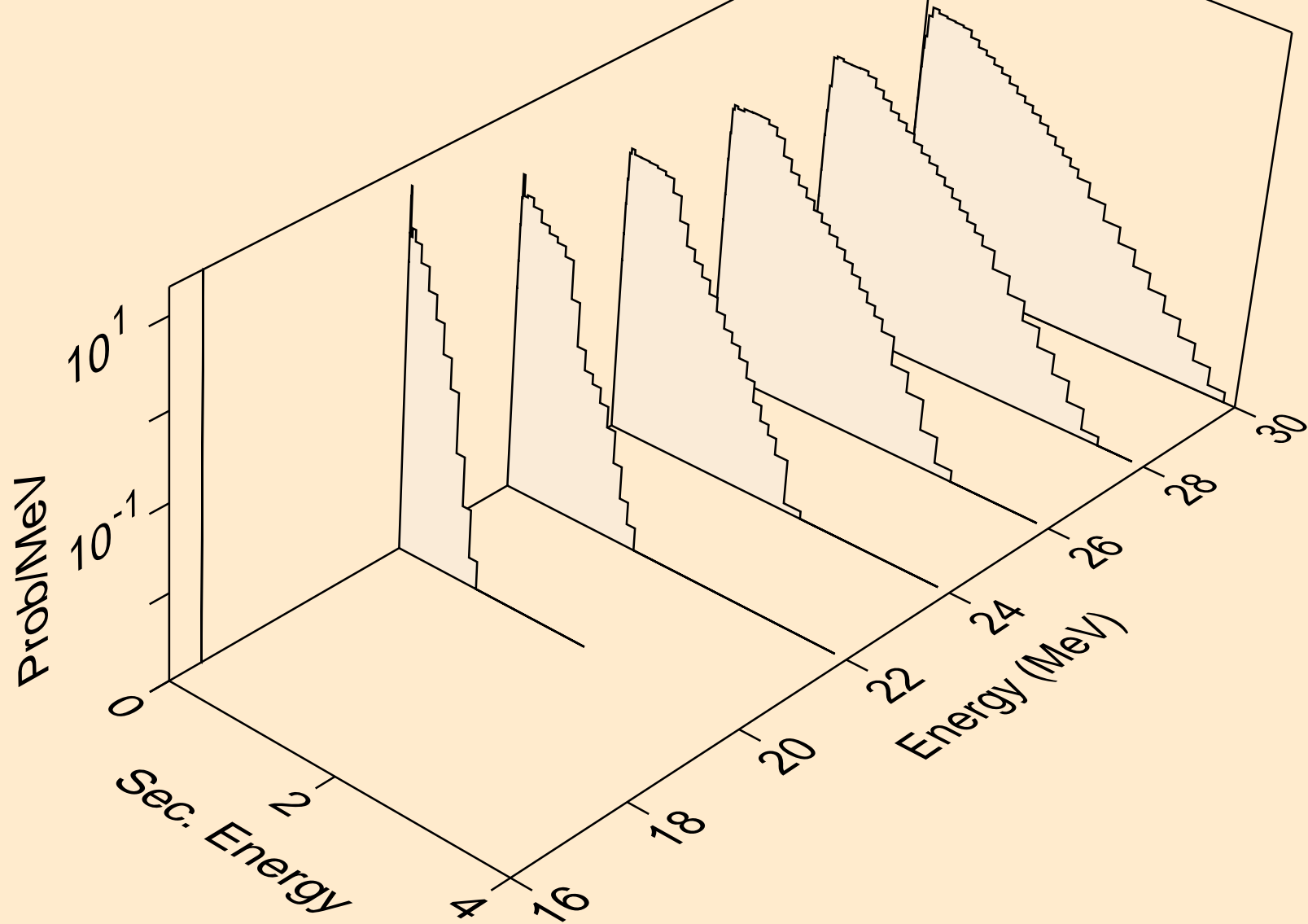
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neutrons from (a,n*)2a



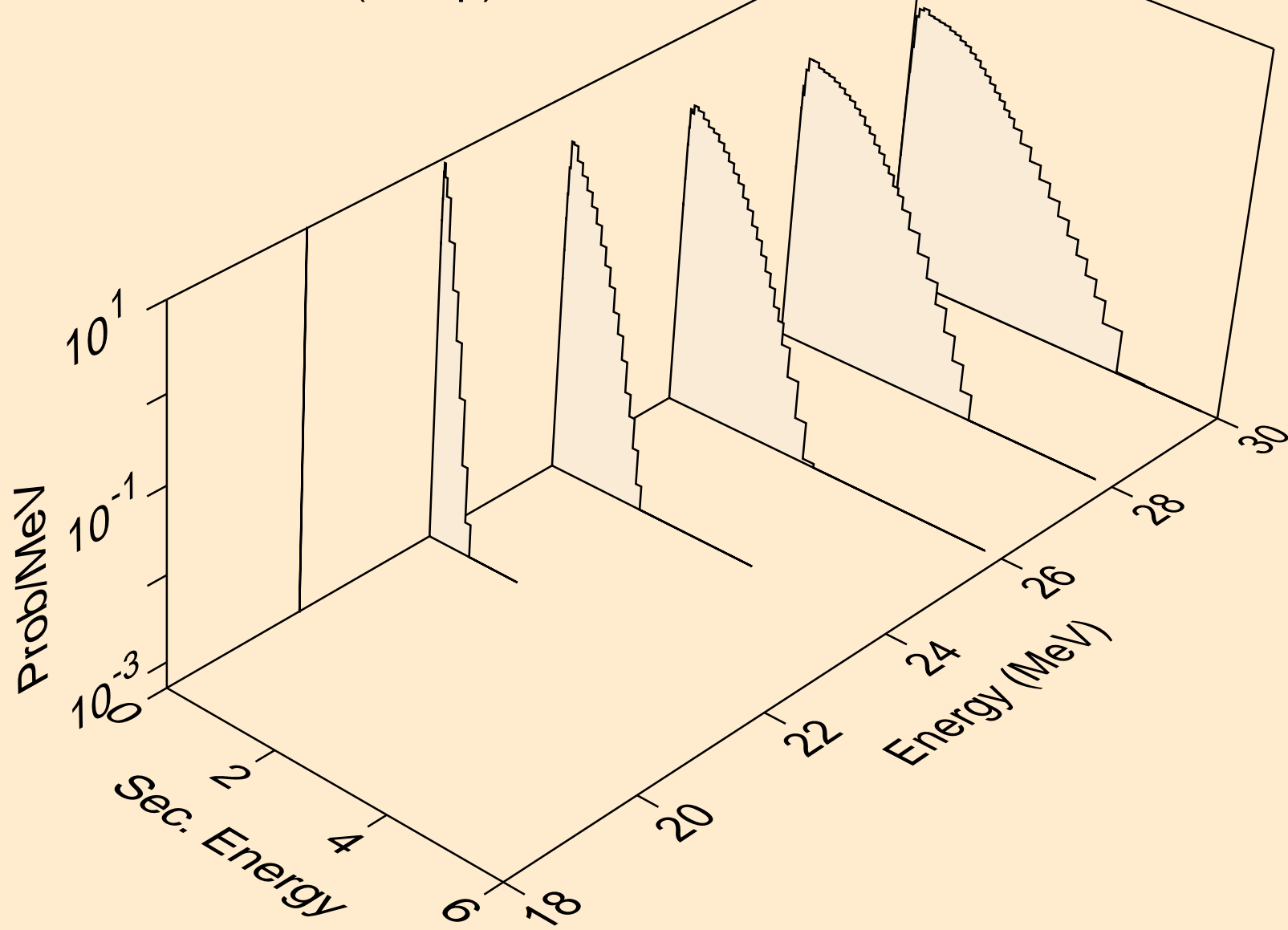
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)d



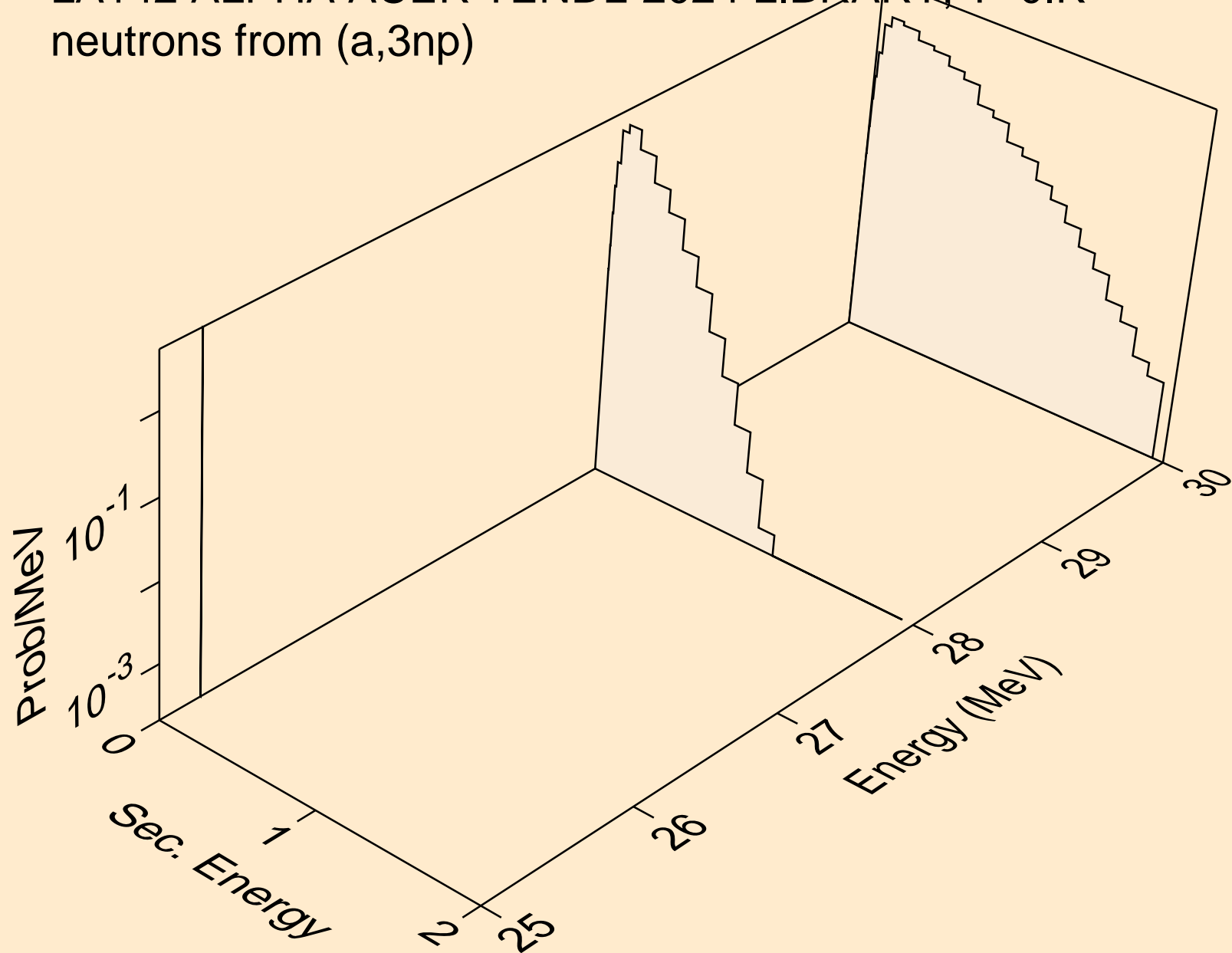
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)t



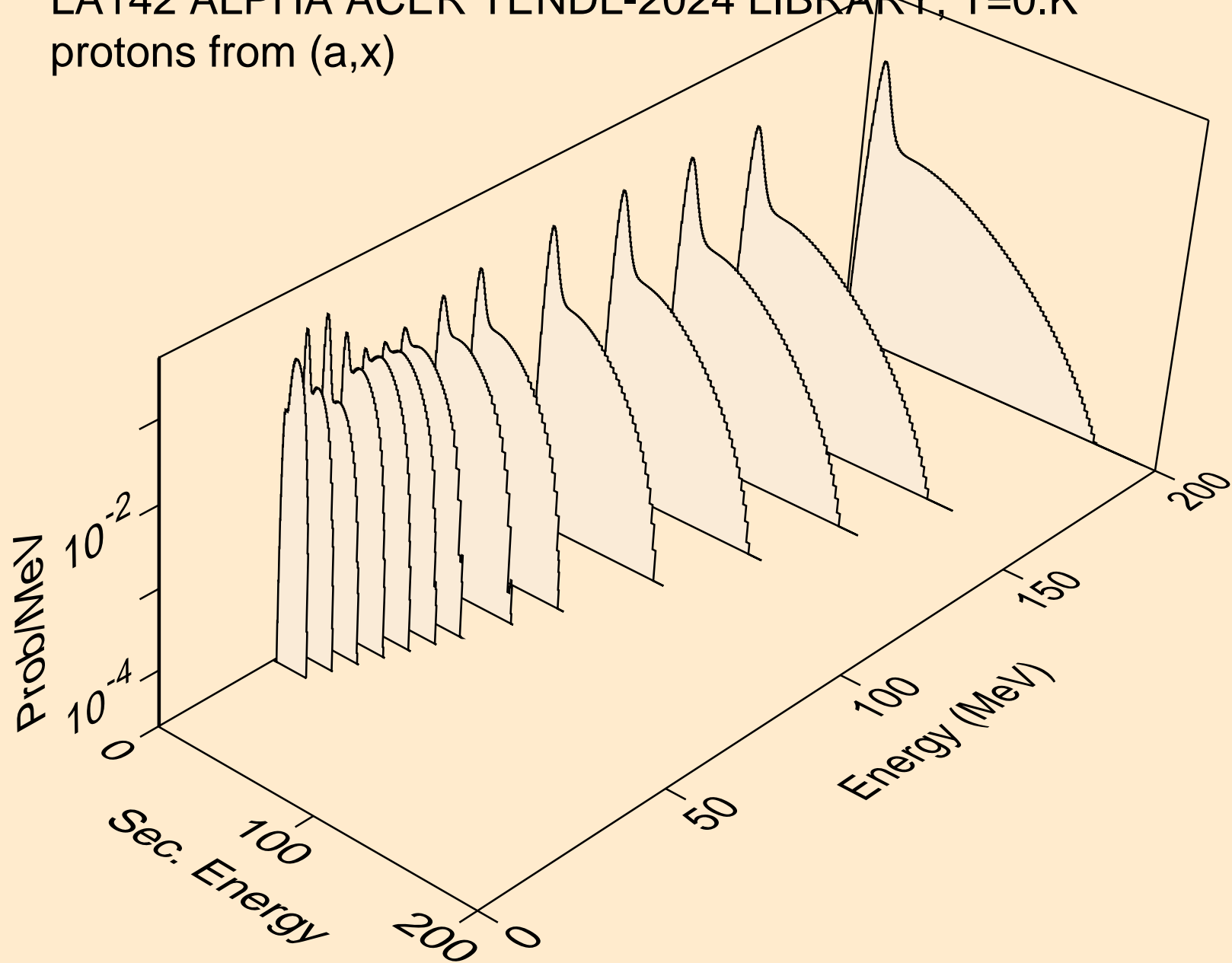
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2np)



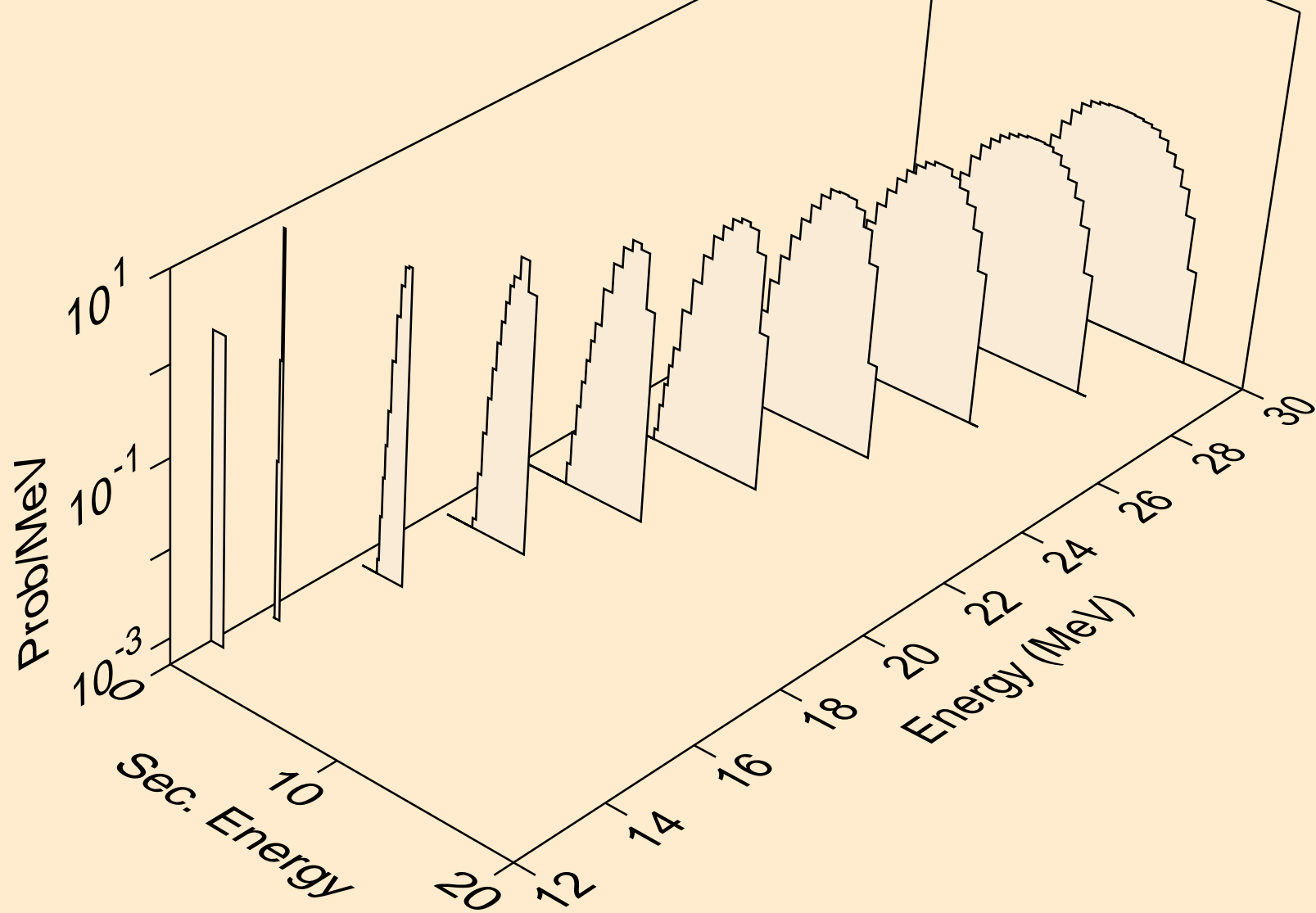
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neutrons from (a,3np)



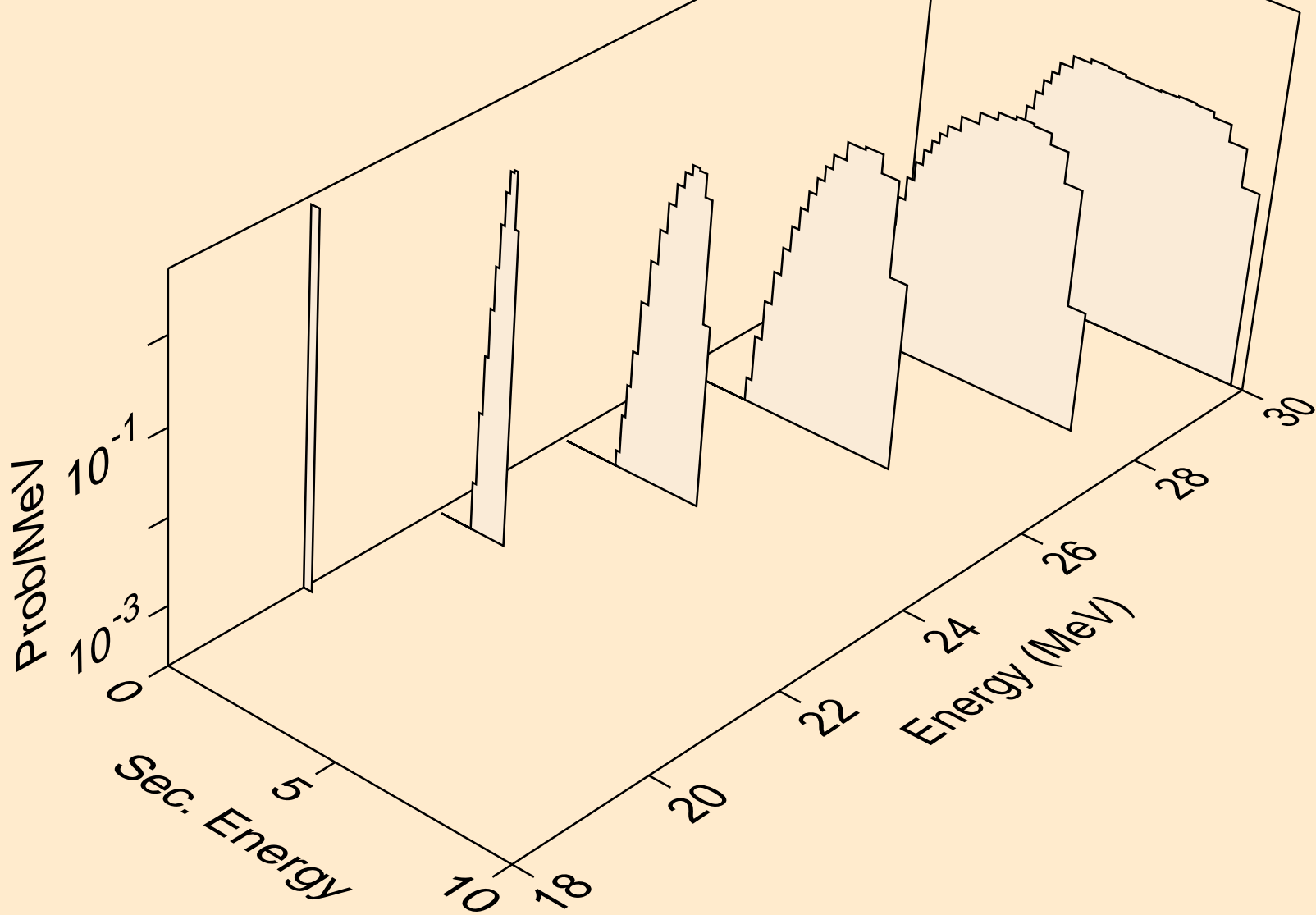
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protons from (a,x)



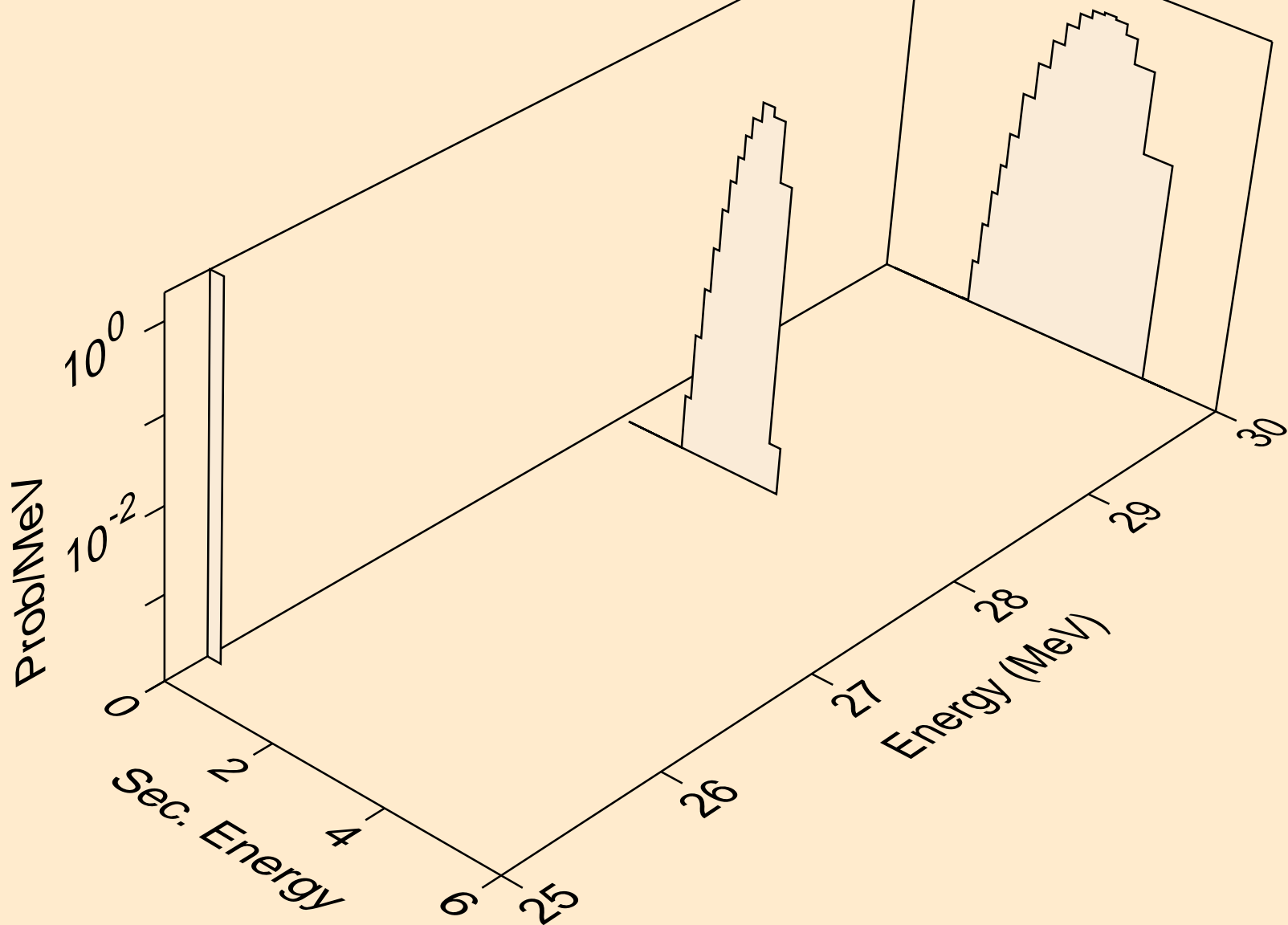
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protons from (a,n*)p



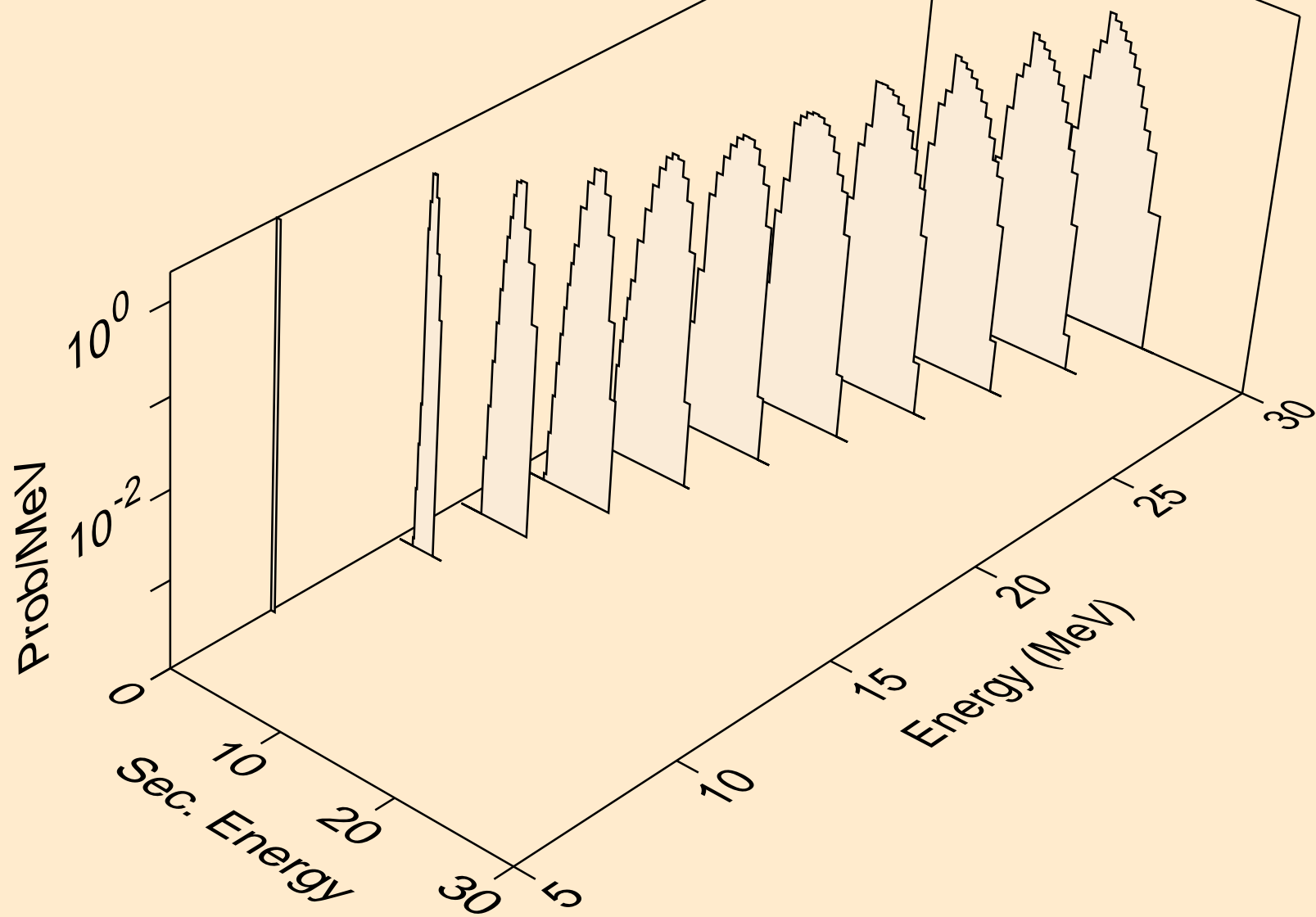
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protons from (a,2np)



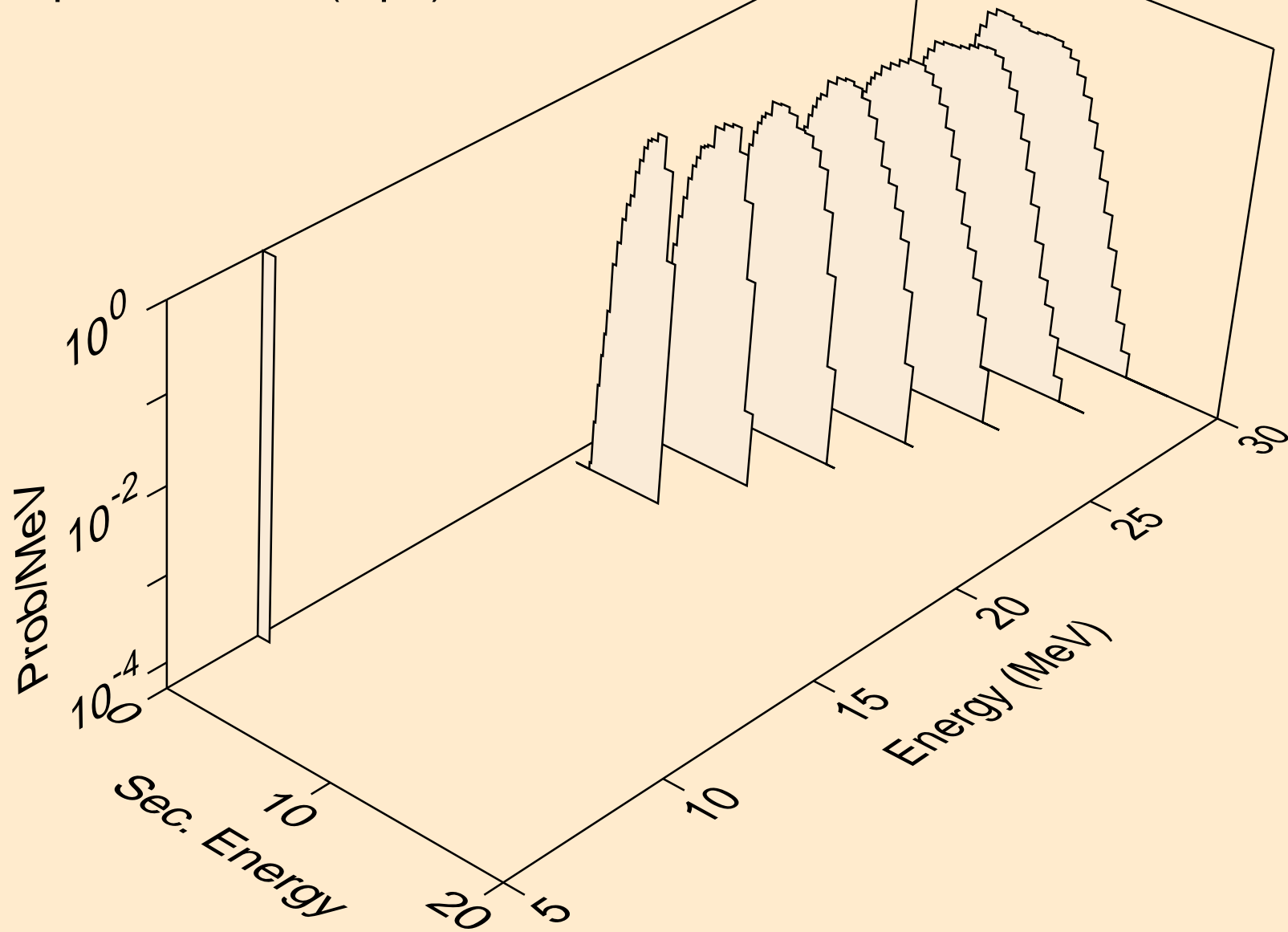
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protons from (a,3np)



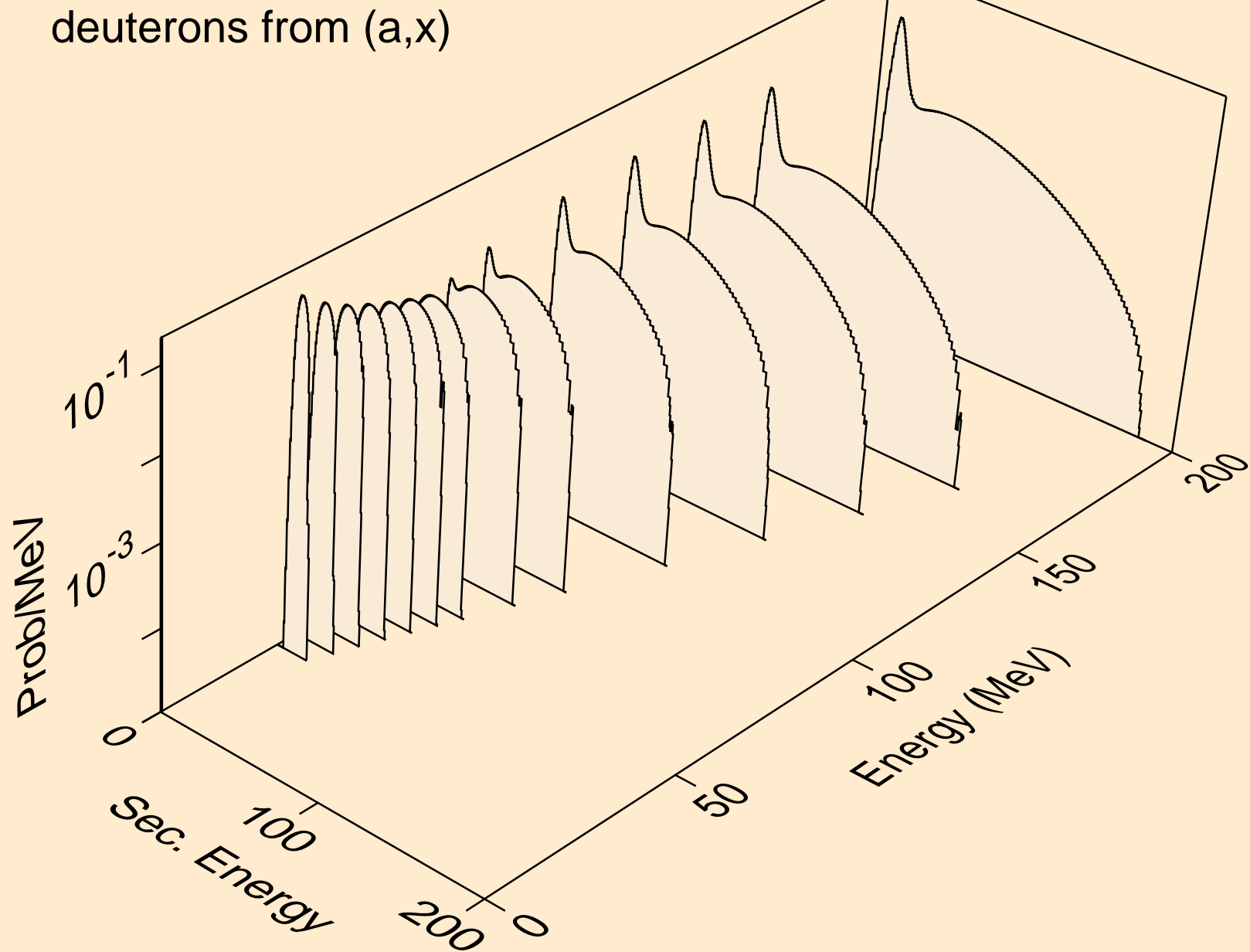
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protons from (a,p)



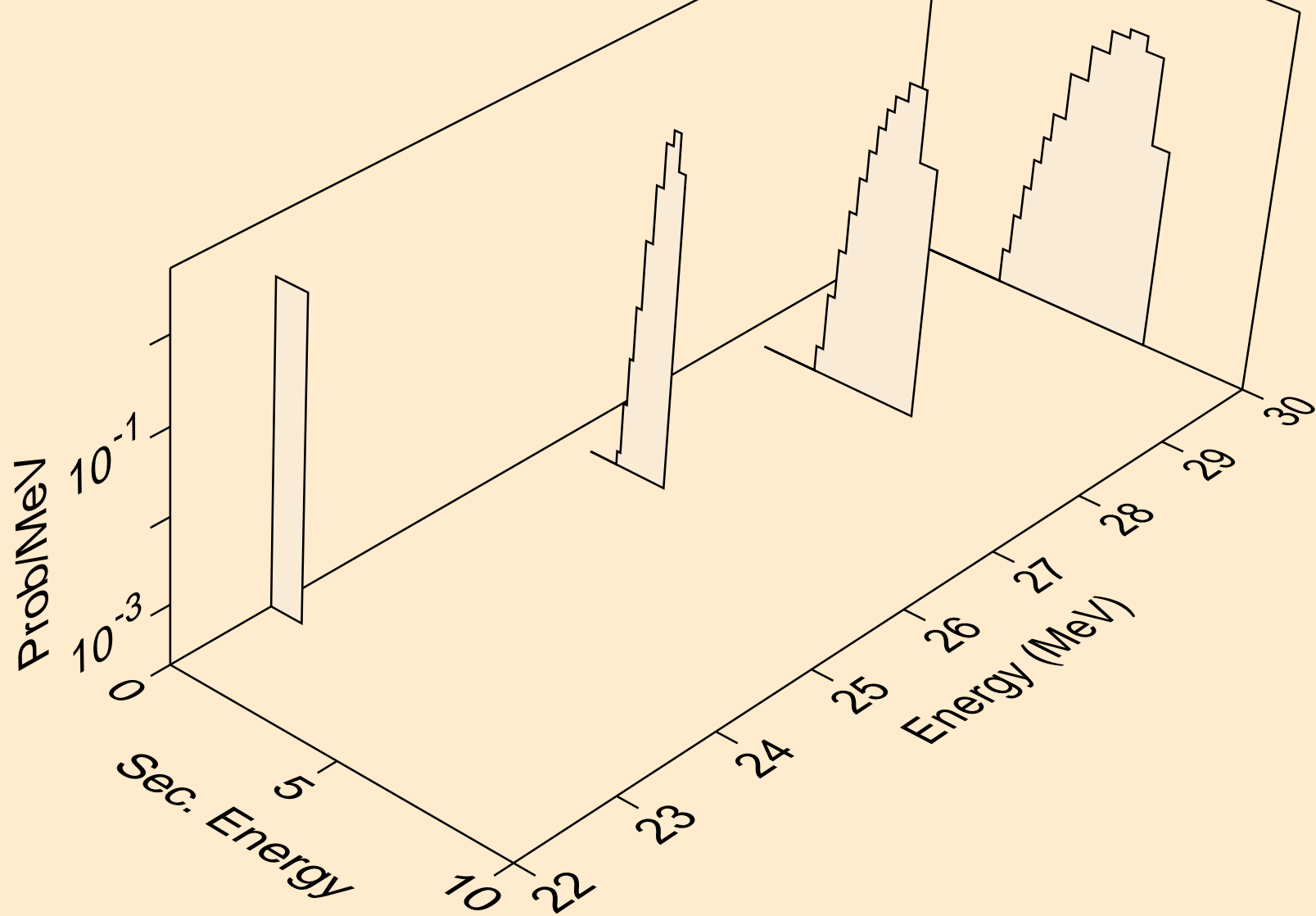
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,pa)



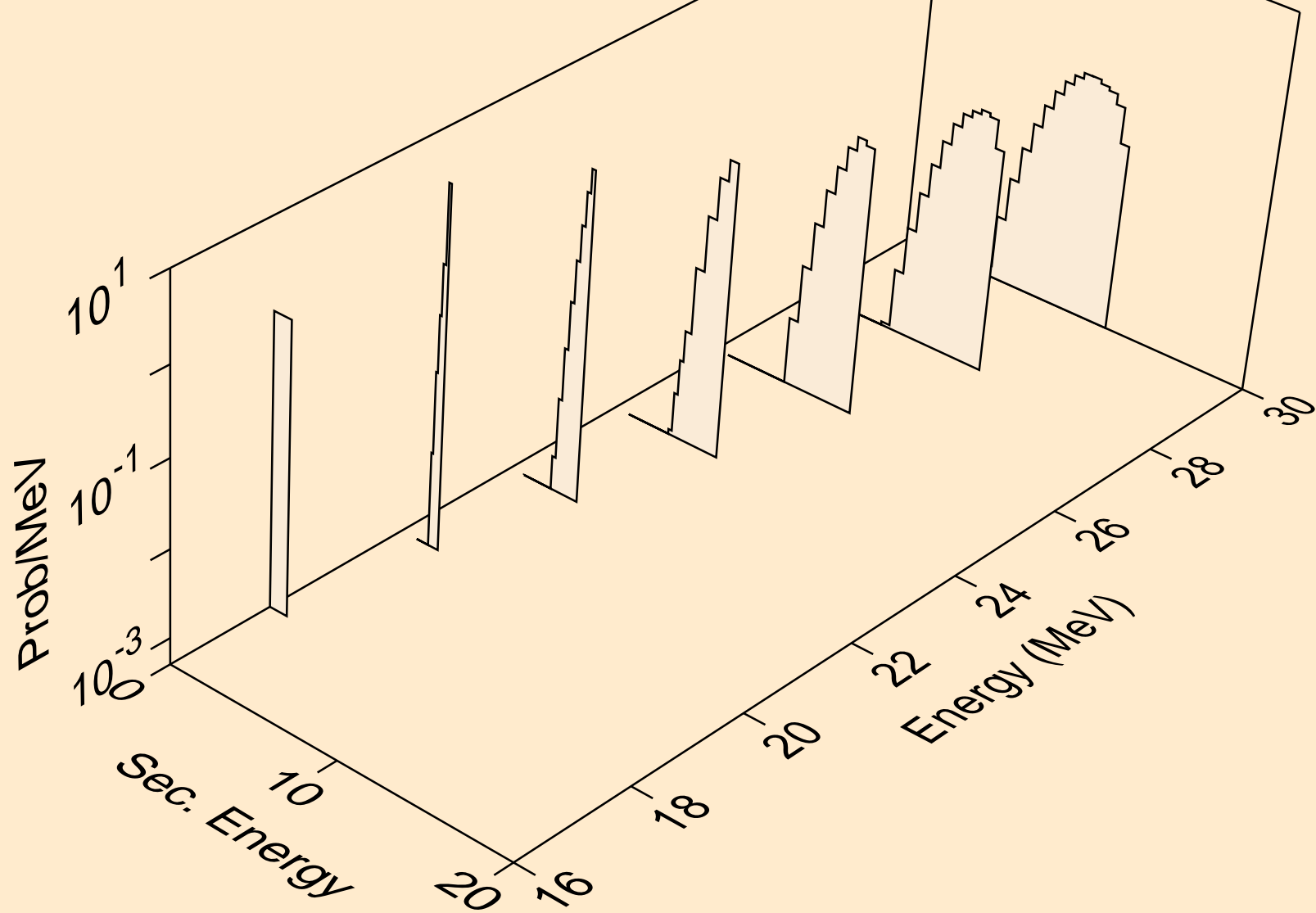
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,x)



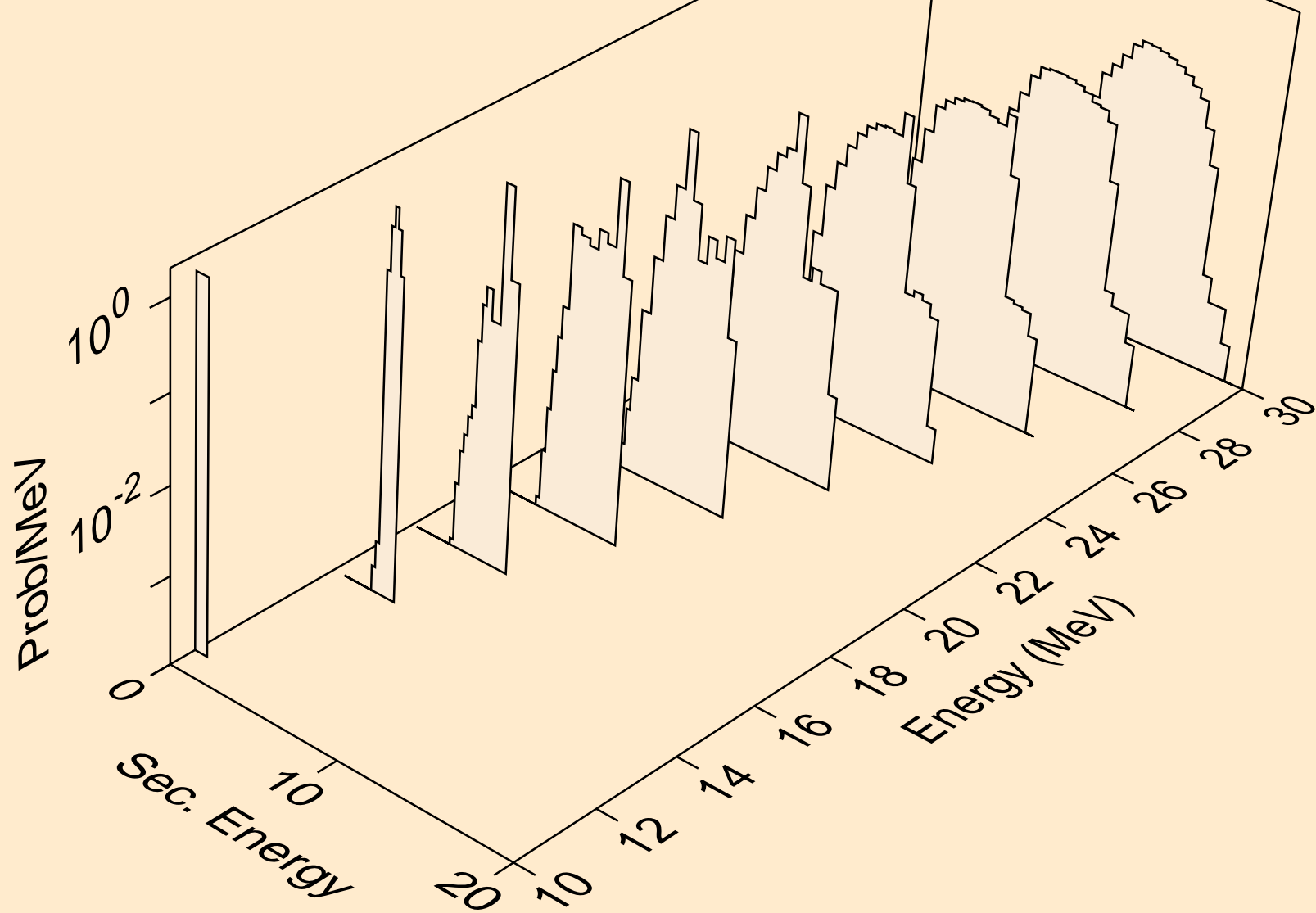
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,2nd)



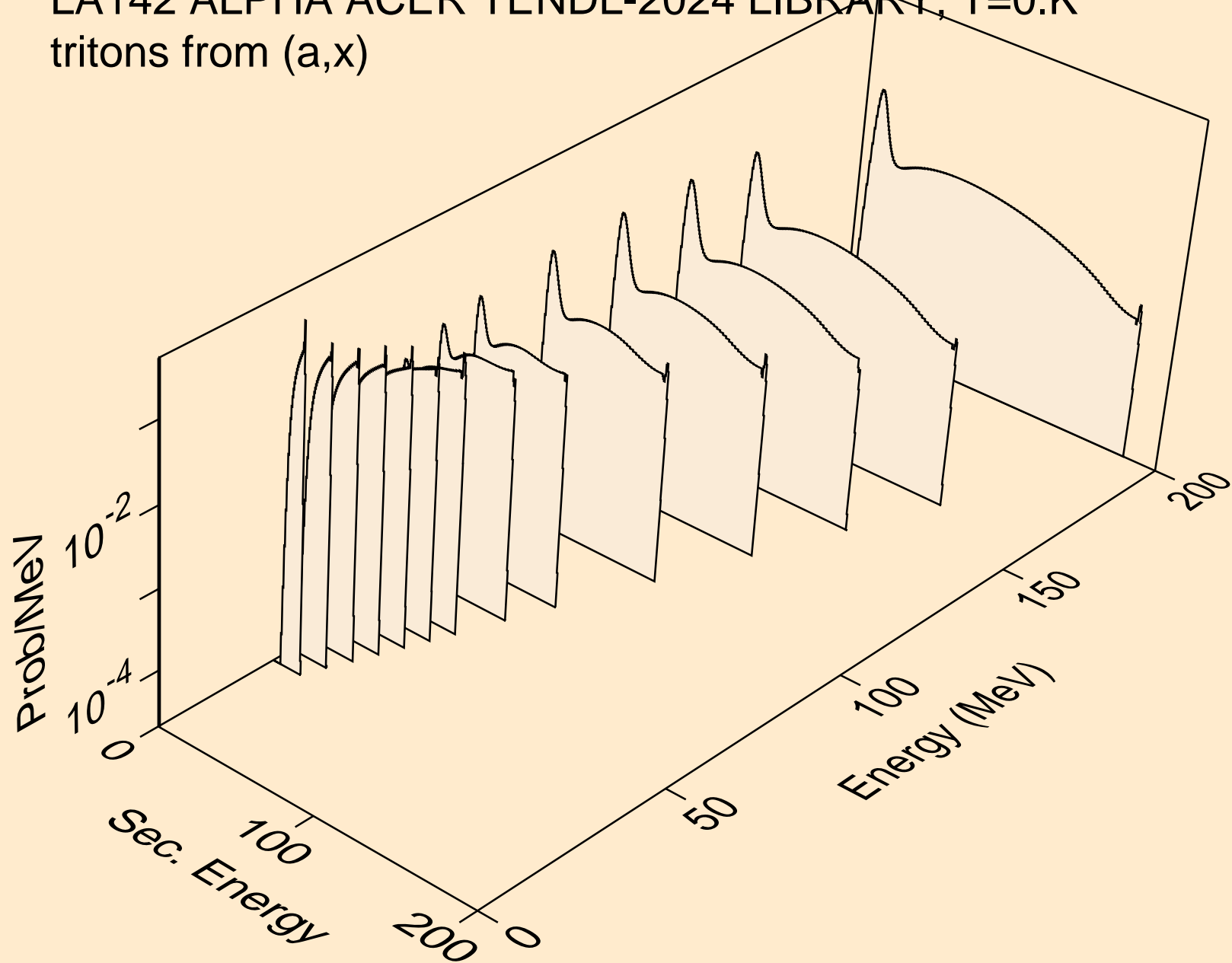
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,n*)d



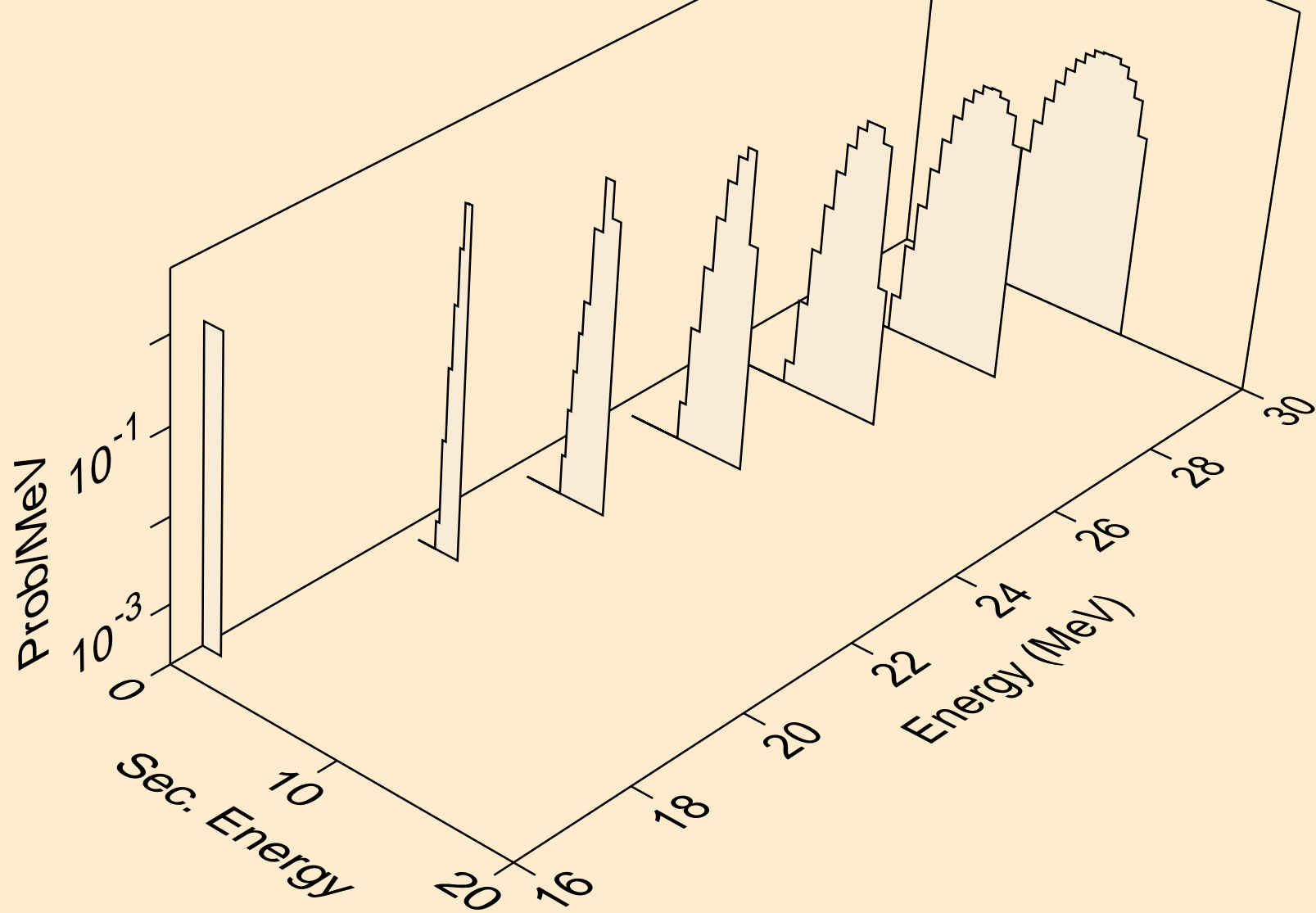
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deuterons from (a,d)



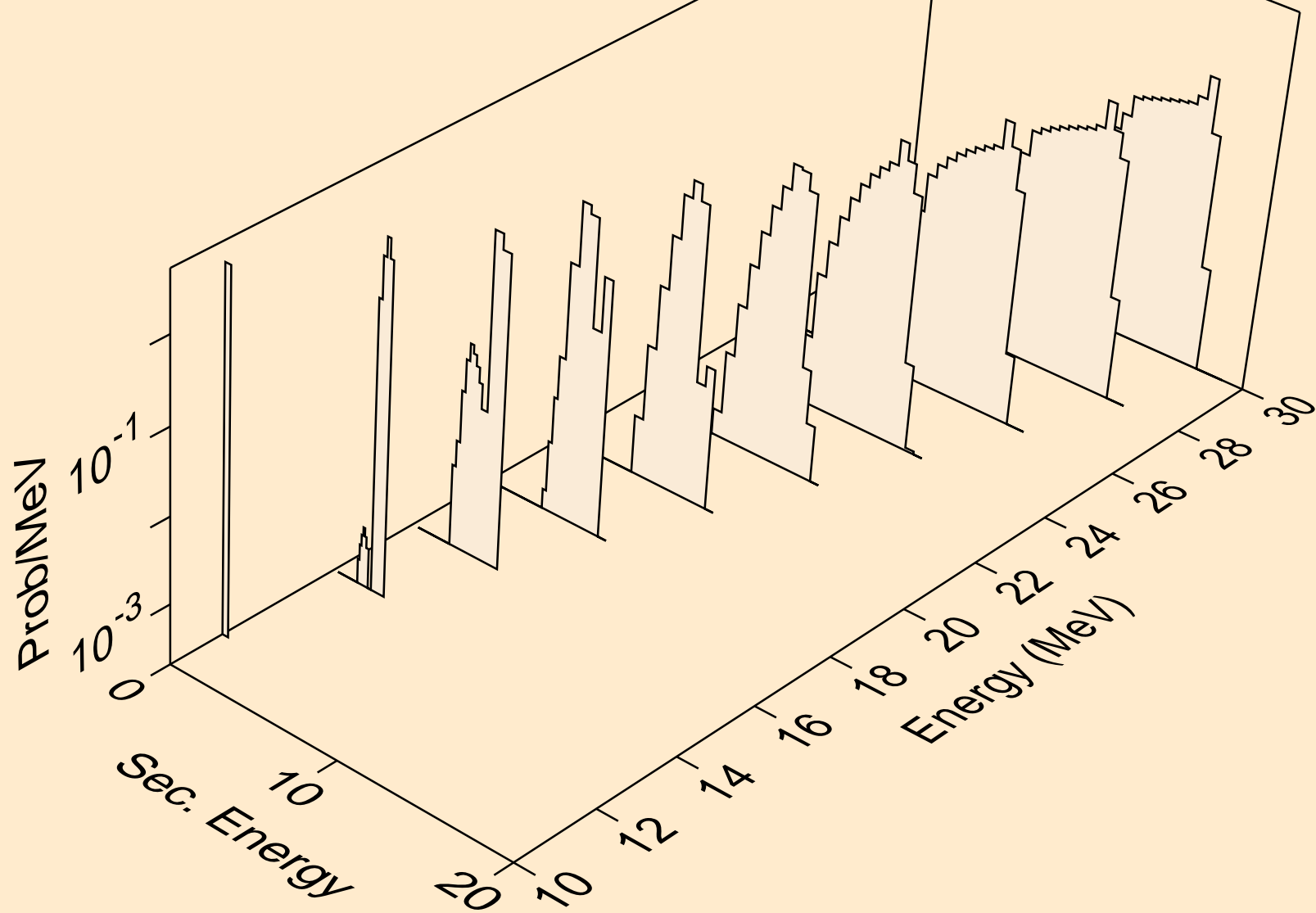
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,x)



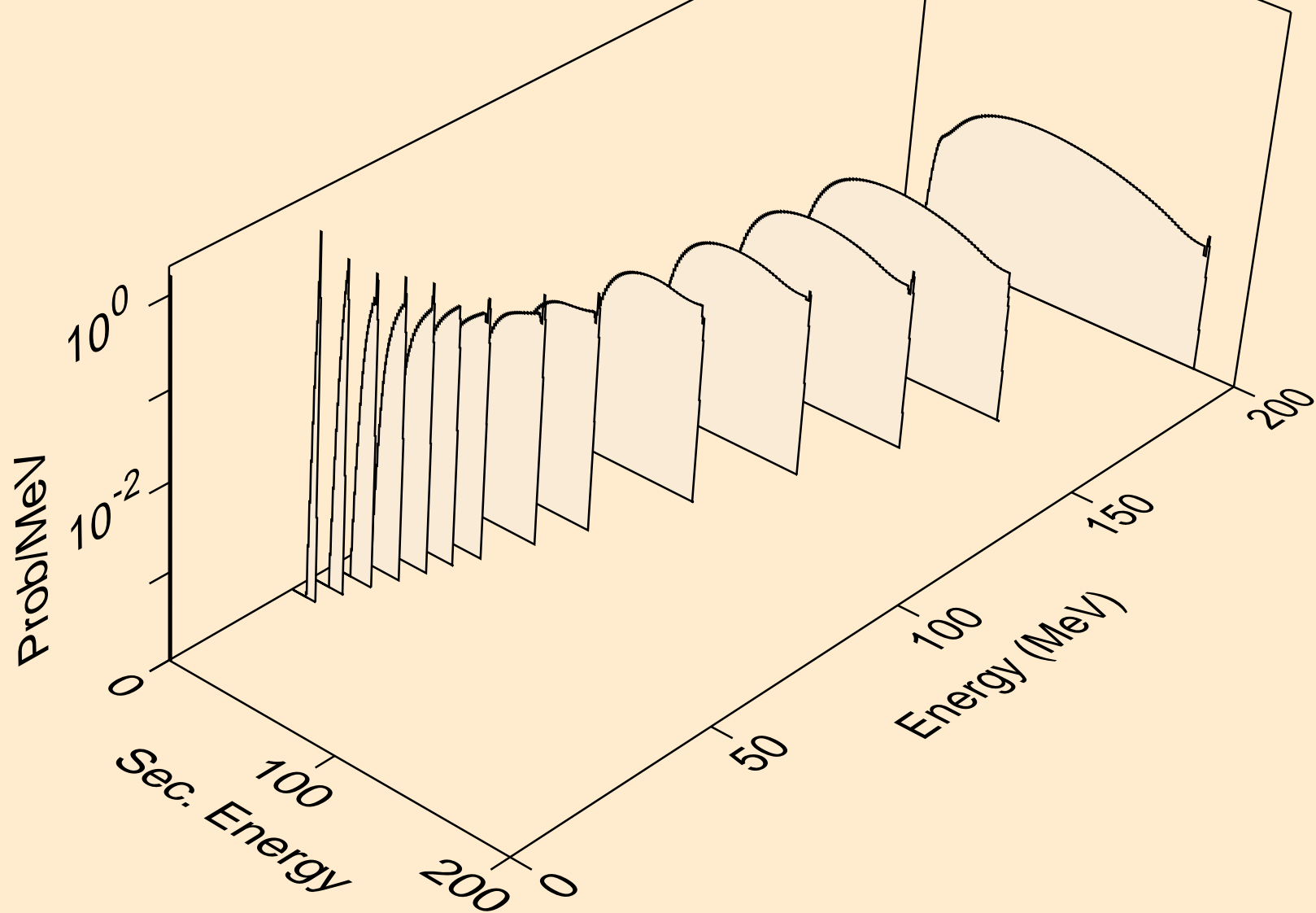
LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,n*)t



LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,t)



LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,x)



LA142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,he3)

