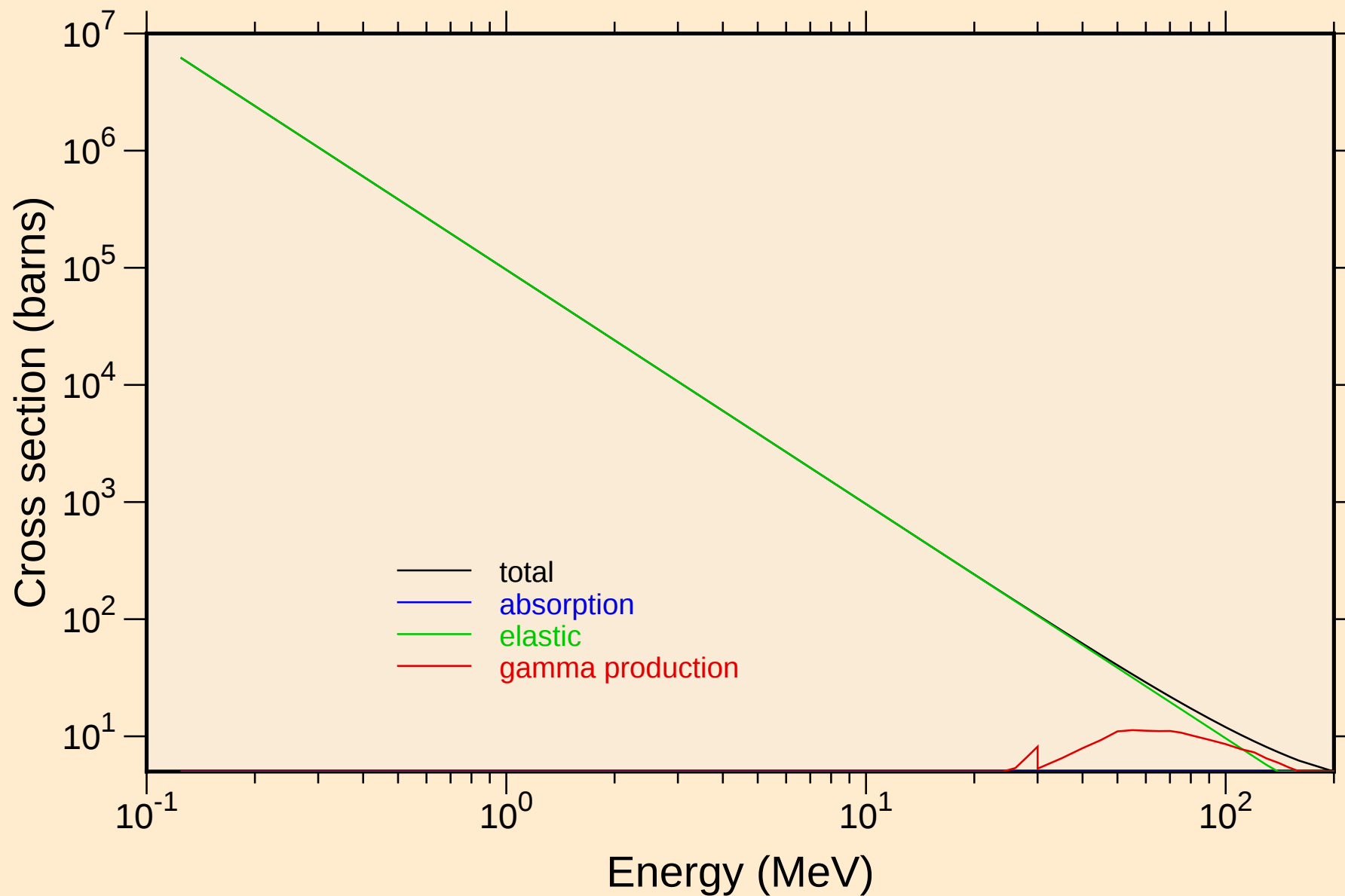


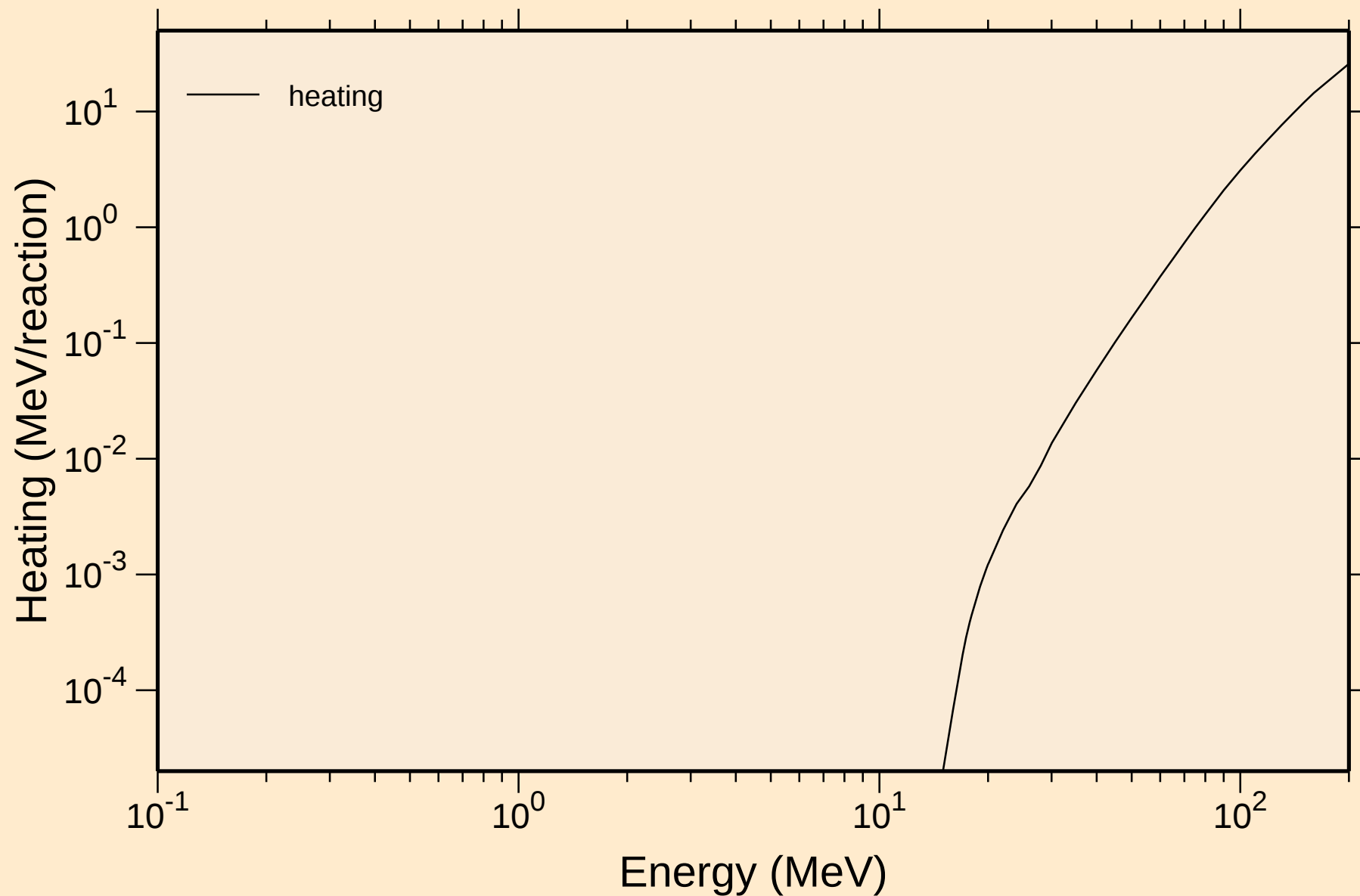
PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



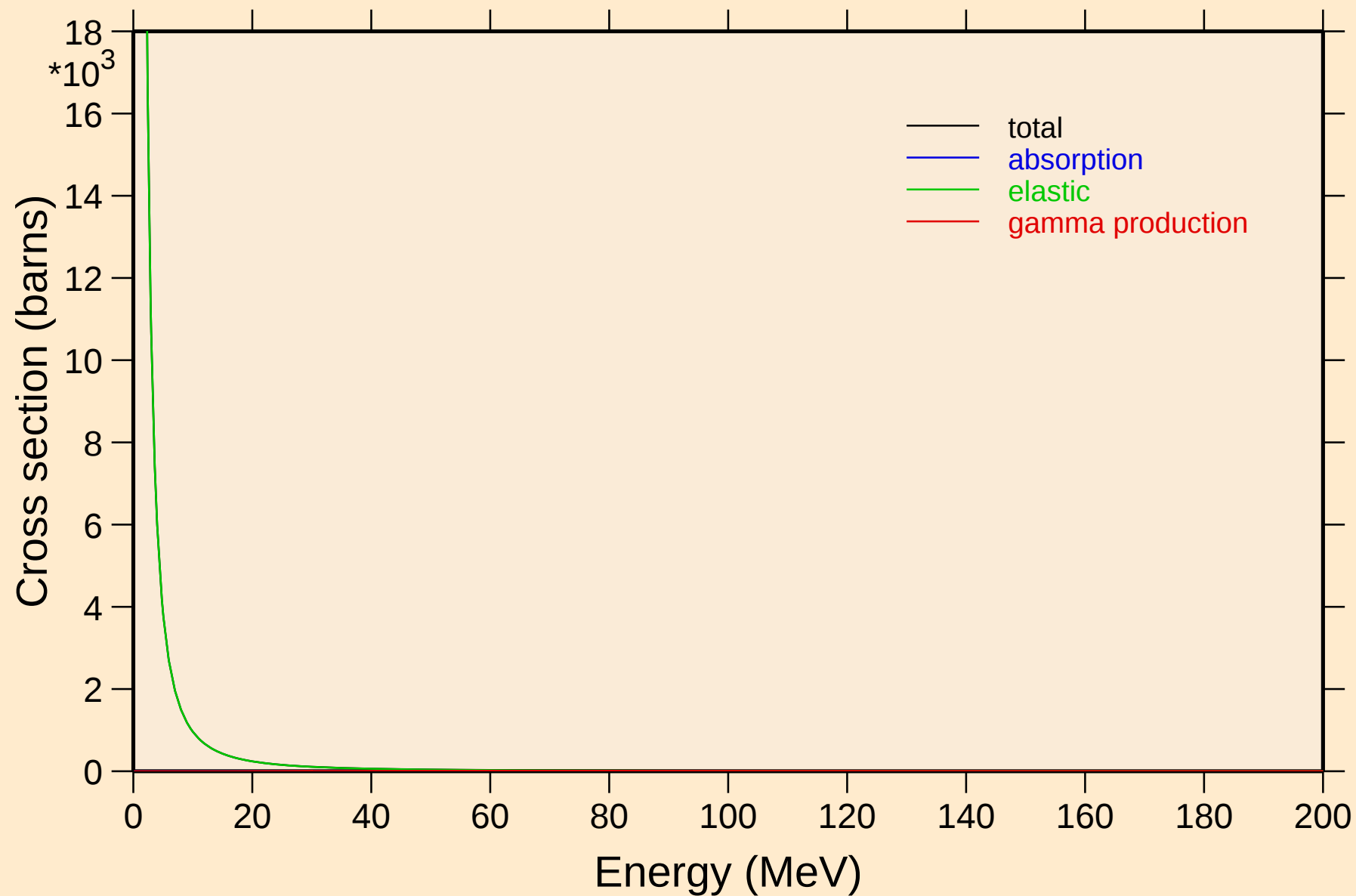
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Heating



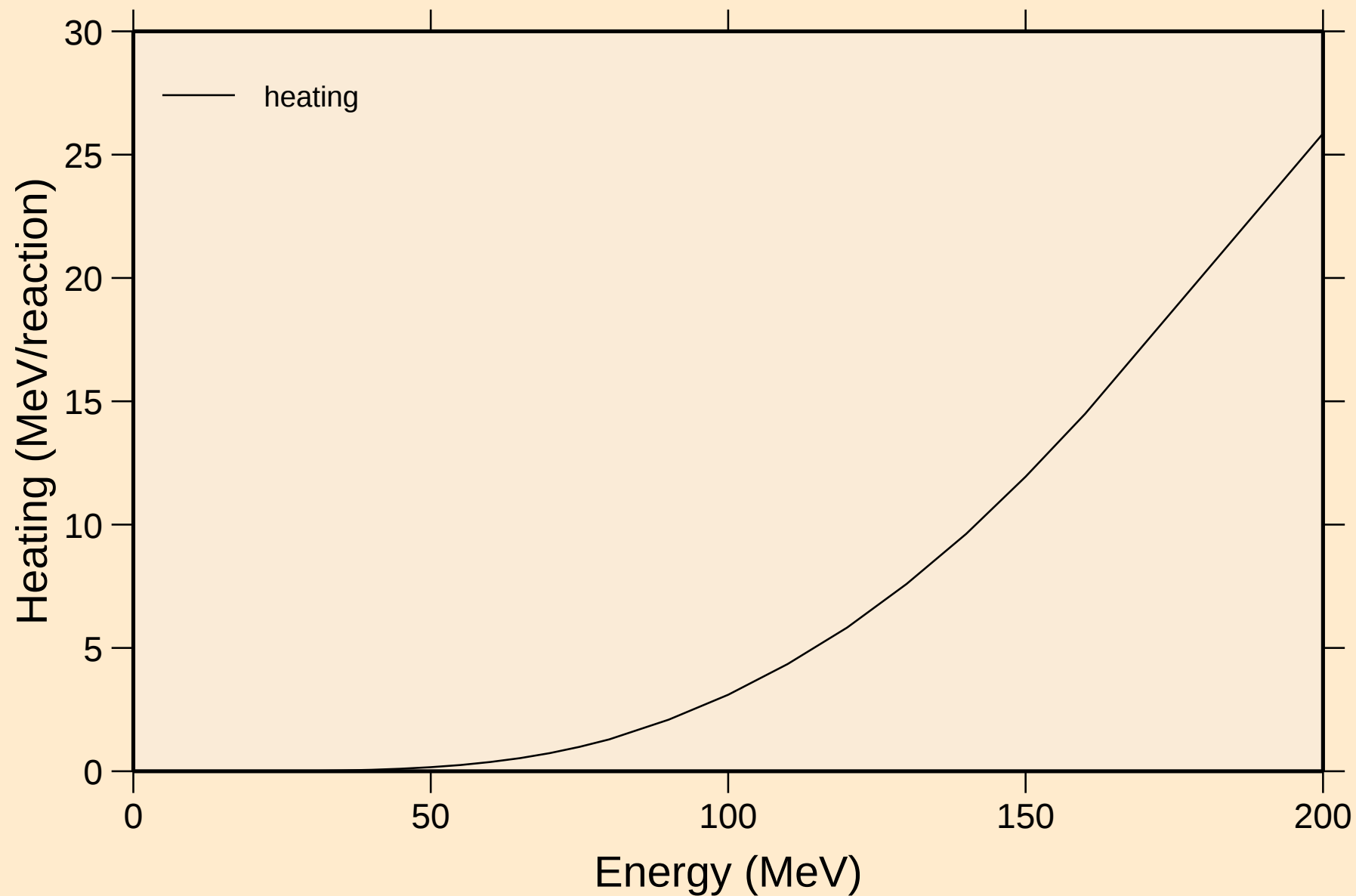
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Principal cross sections



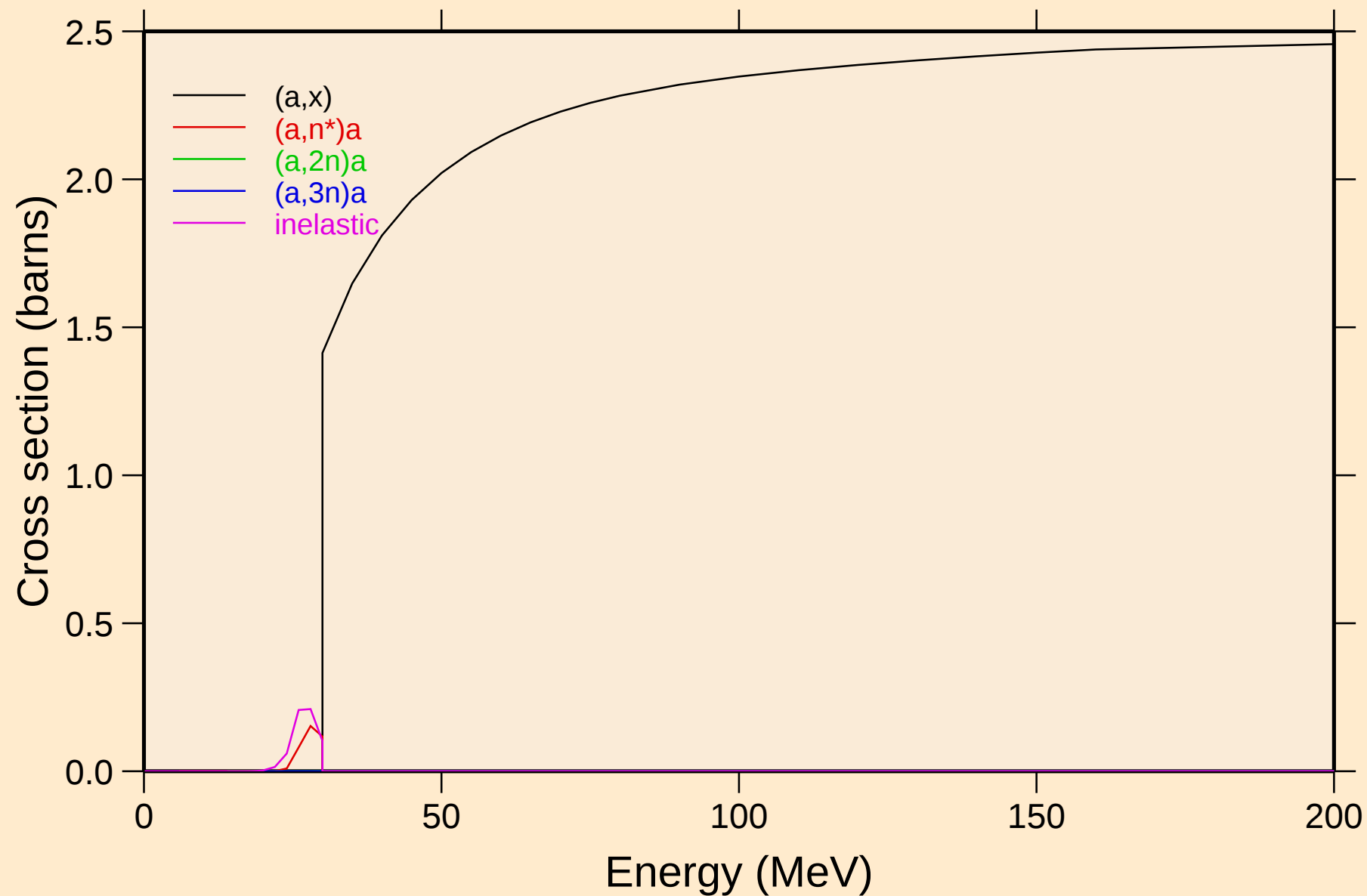
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Heating

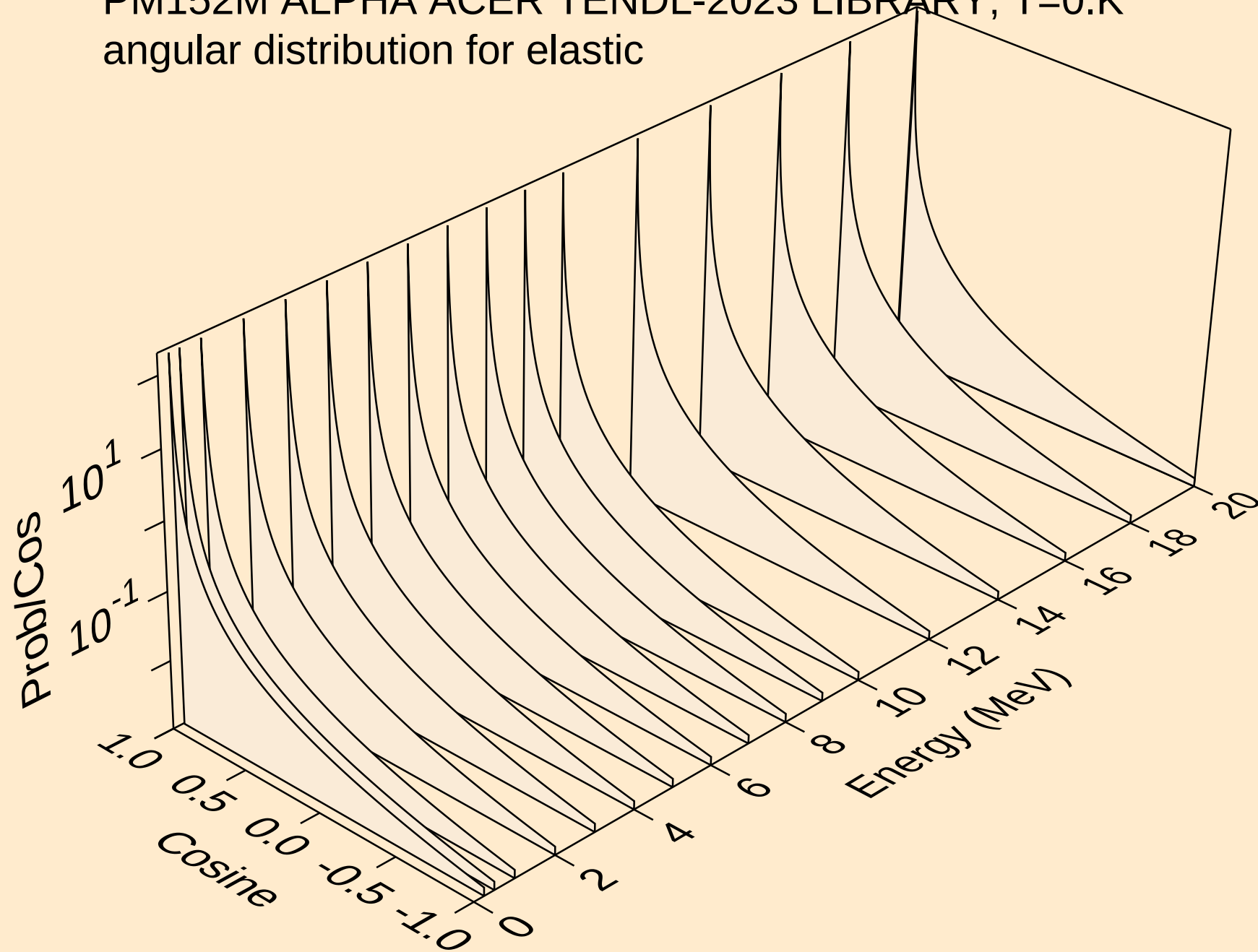


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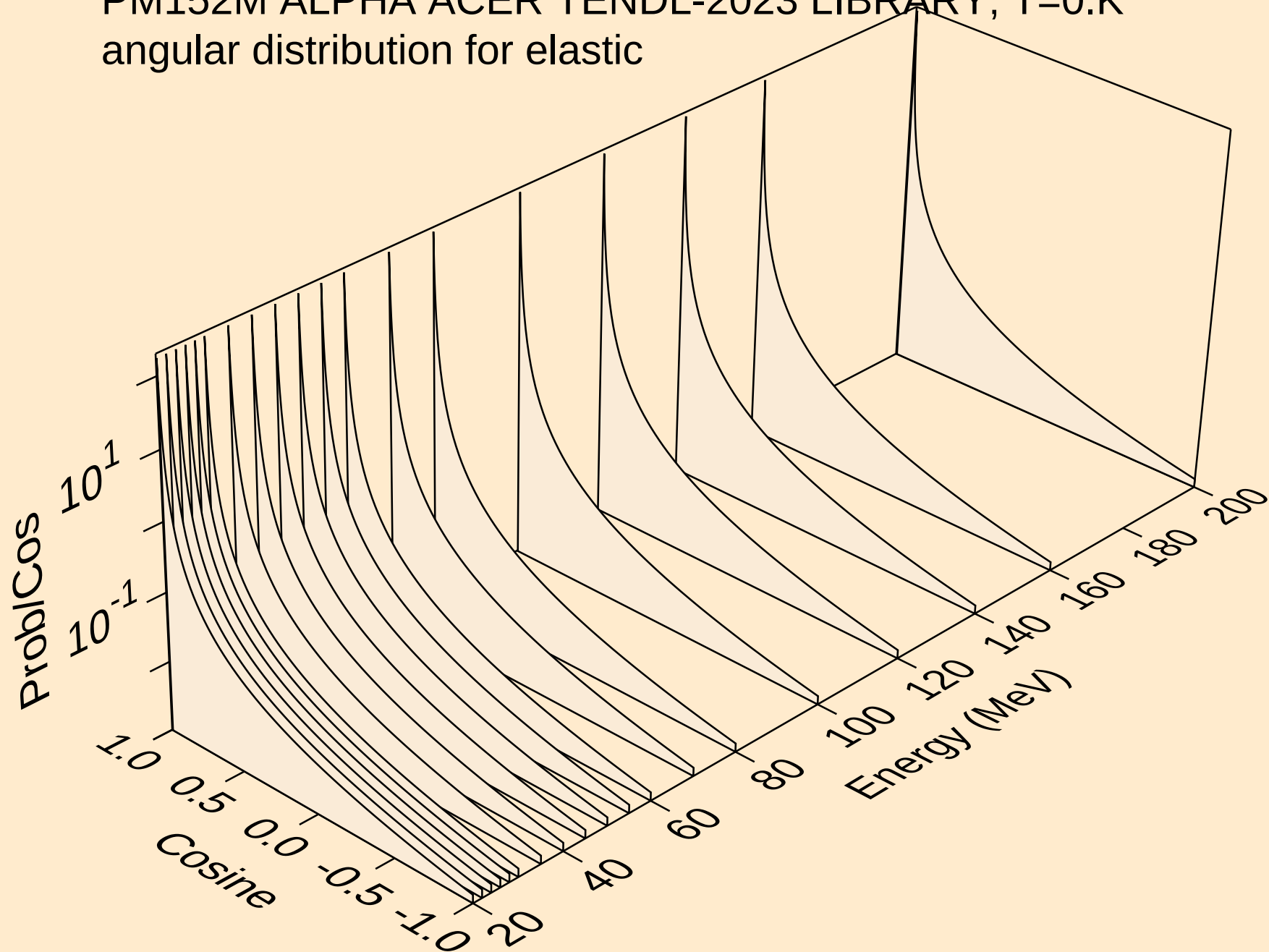
Threshold reactions



PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

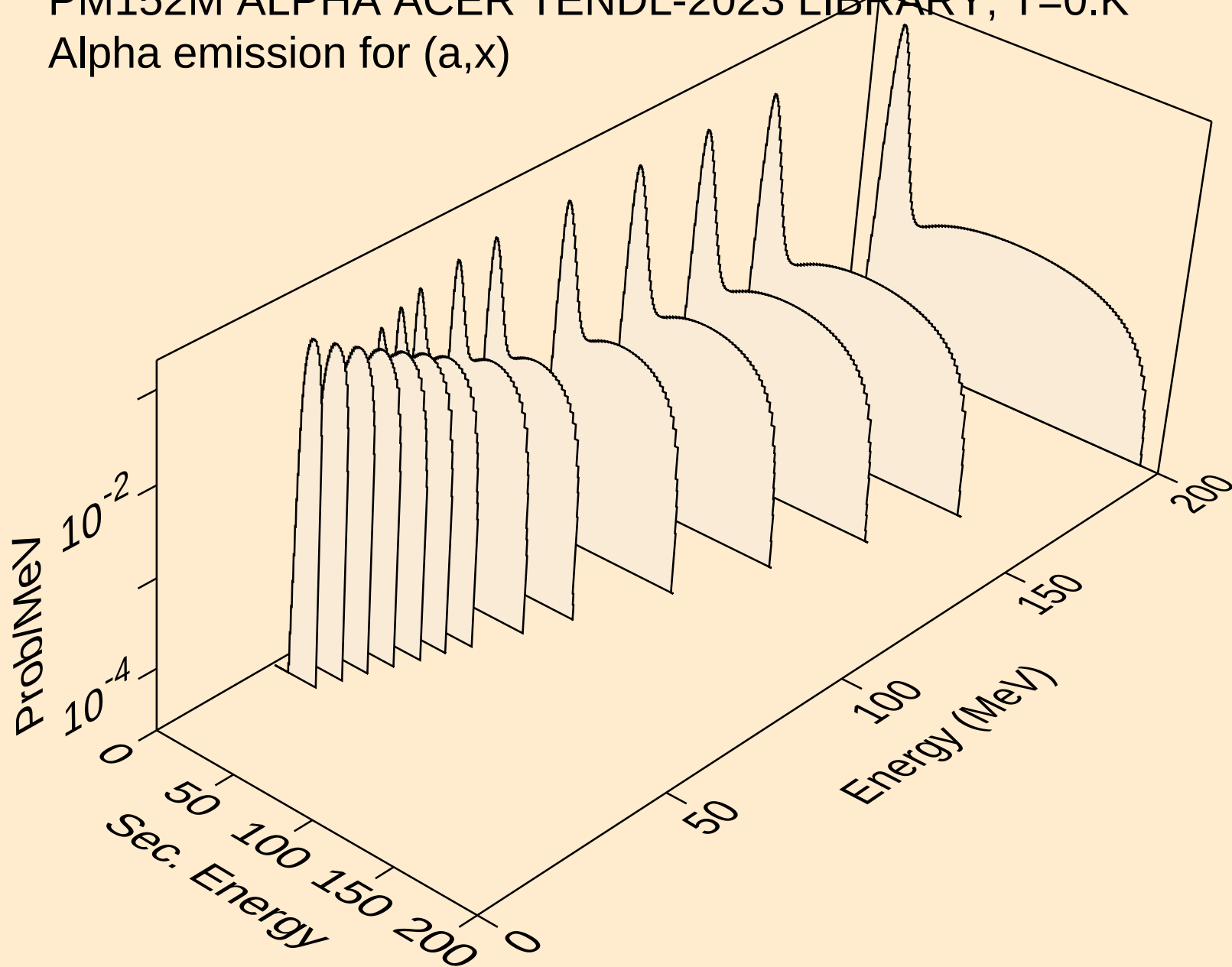


PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



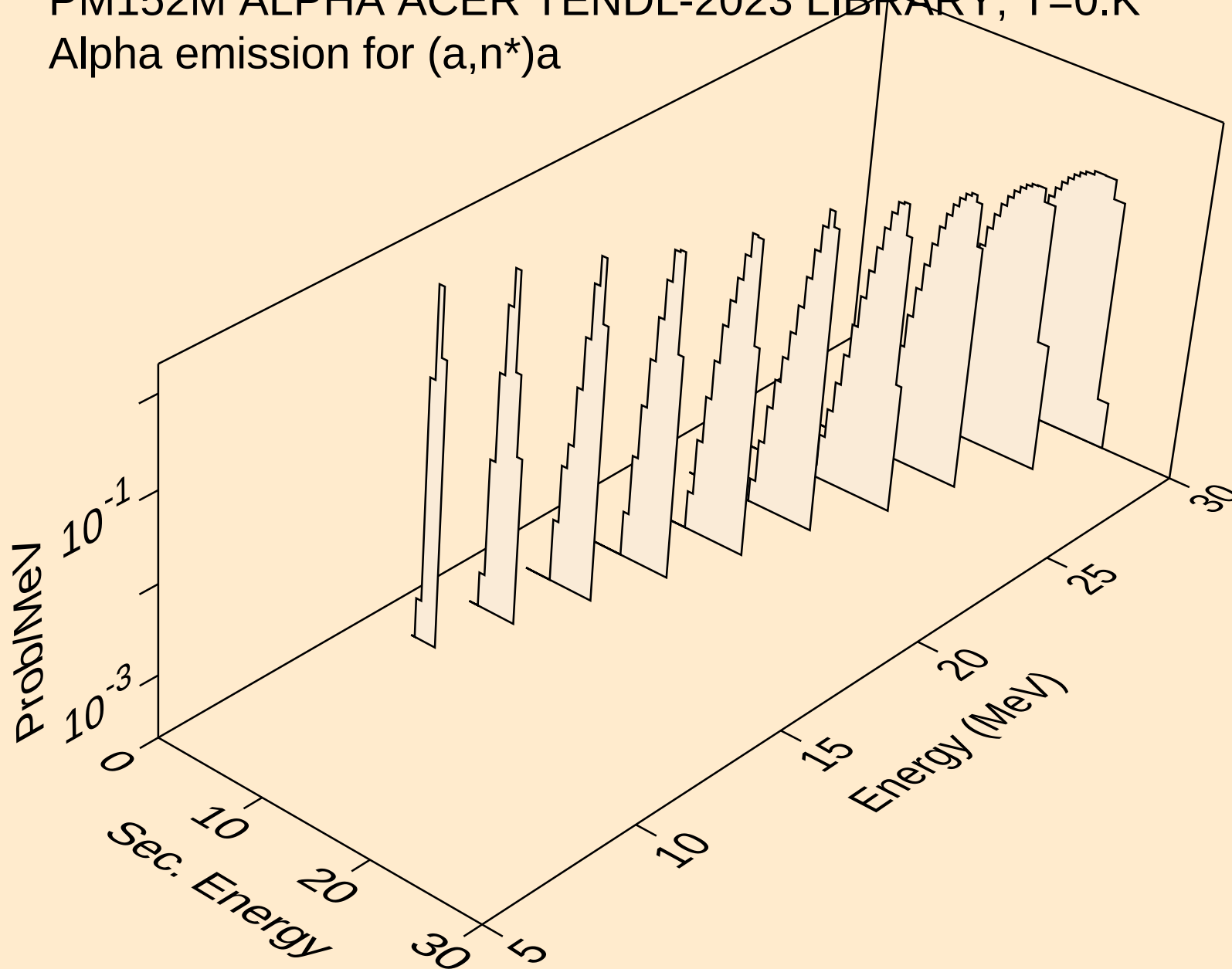
PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



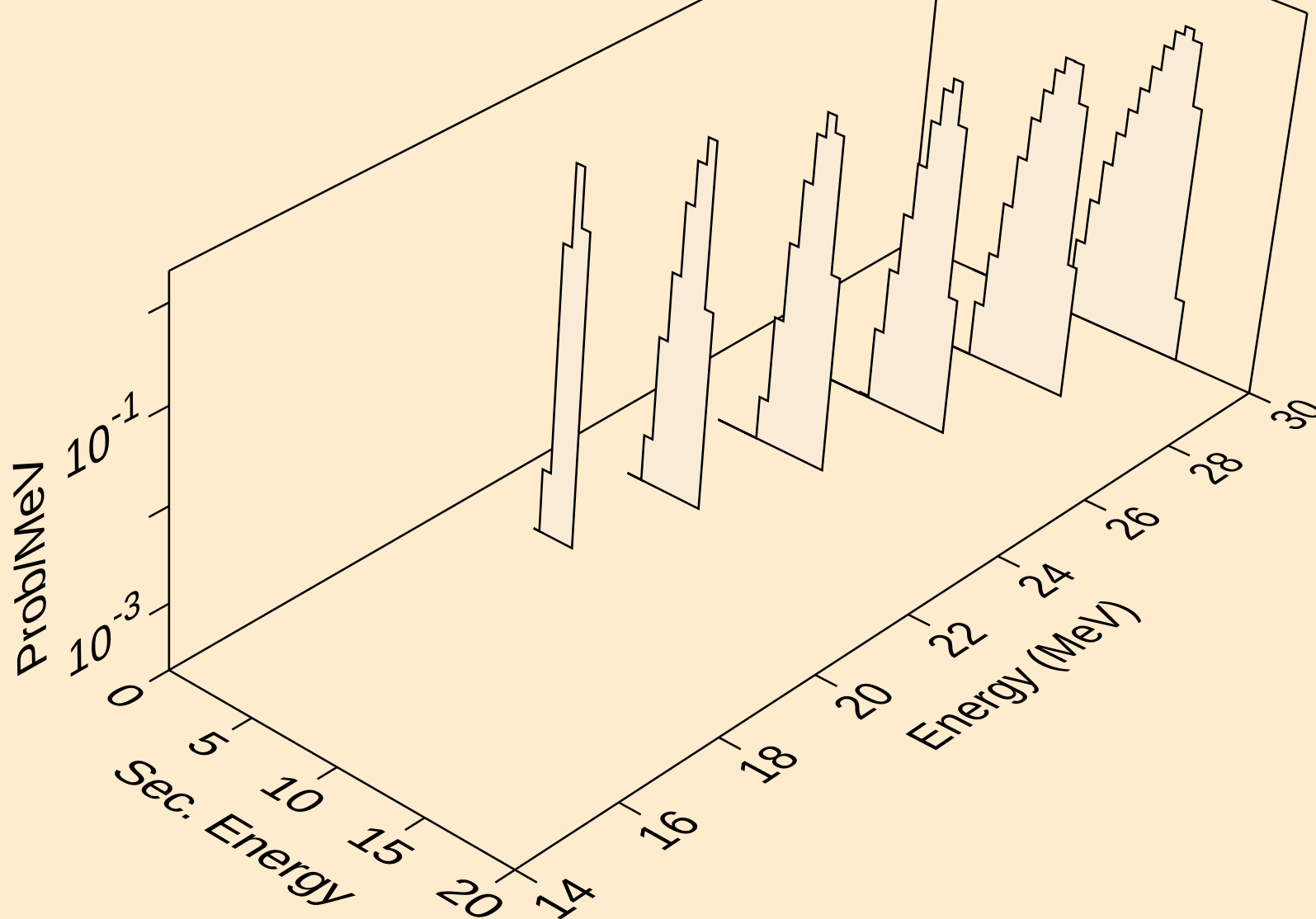
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Alpha emission for (a,n*)a



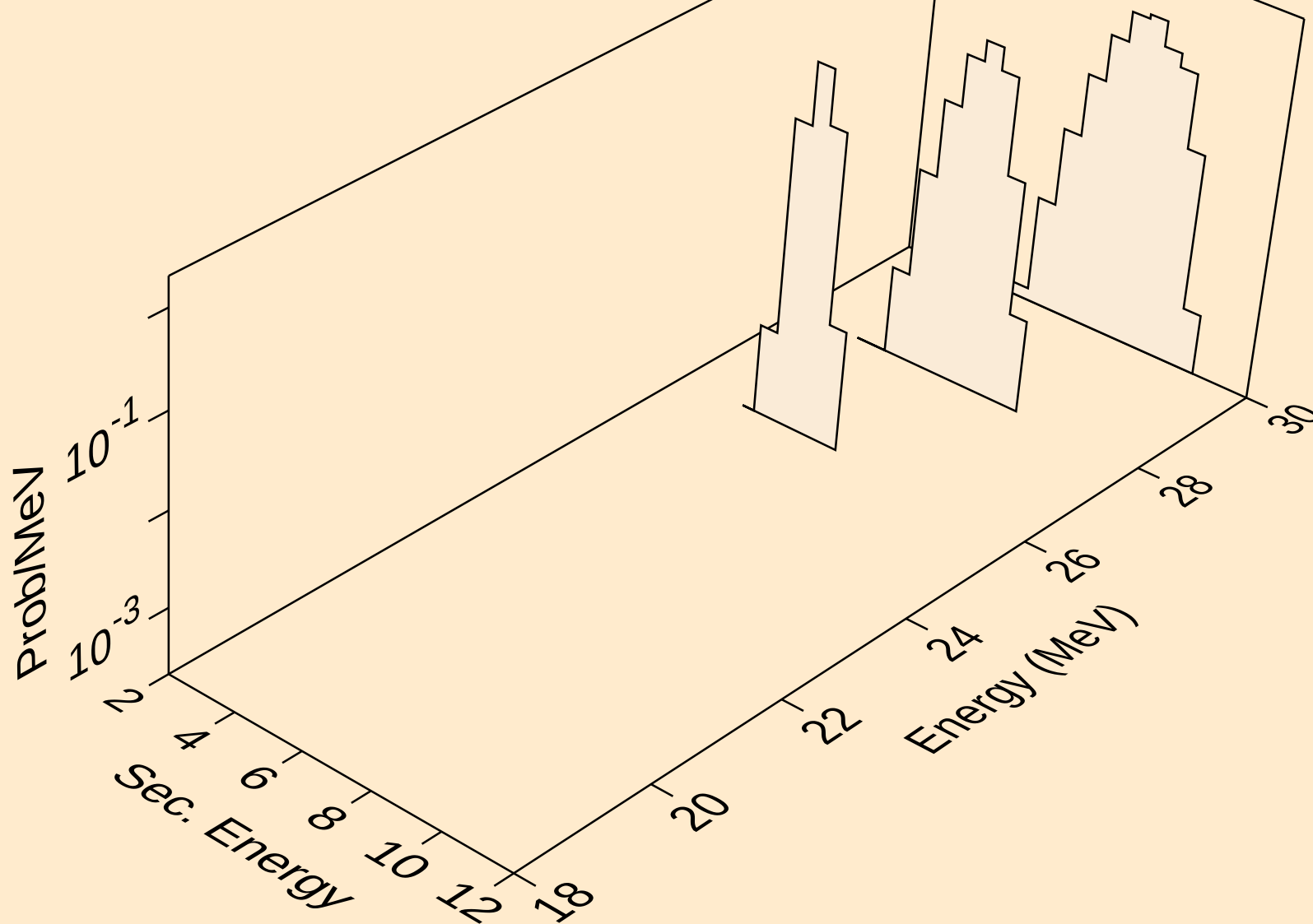
PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)a



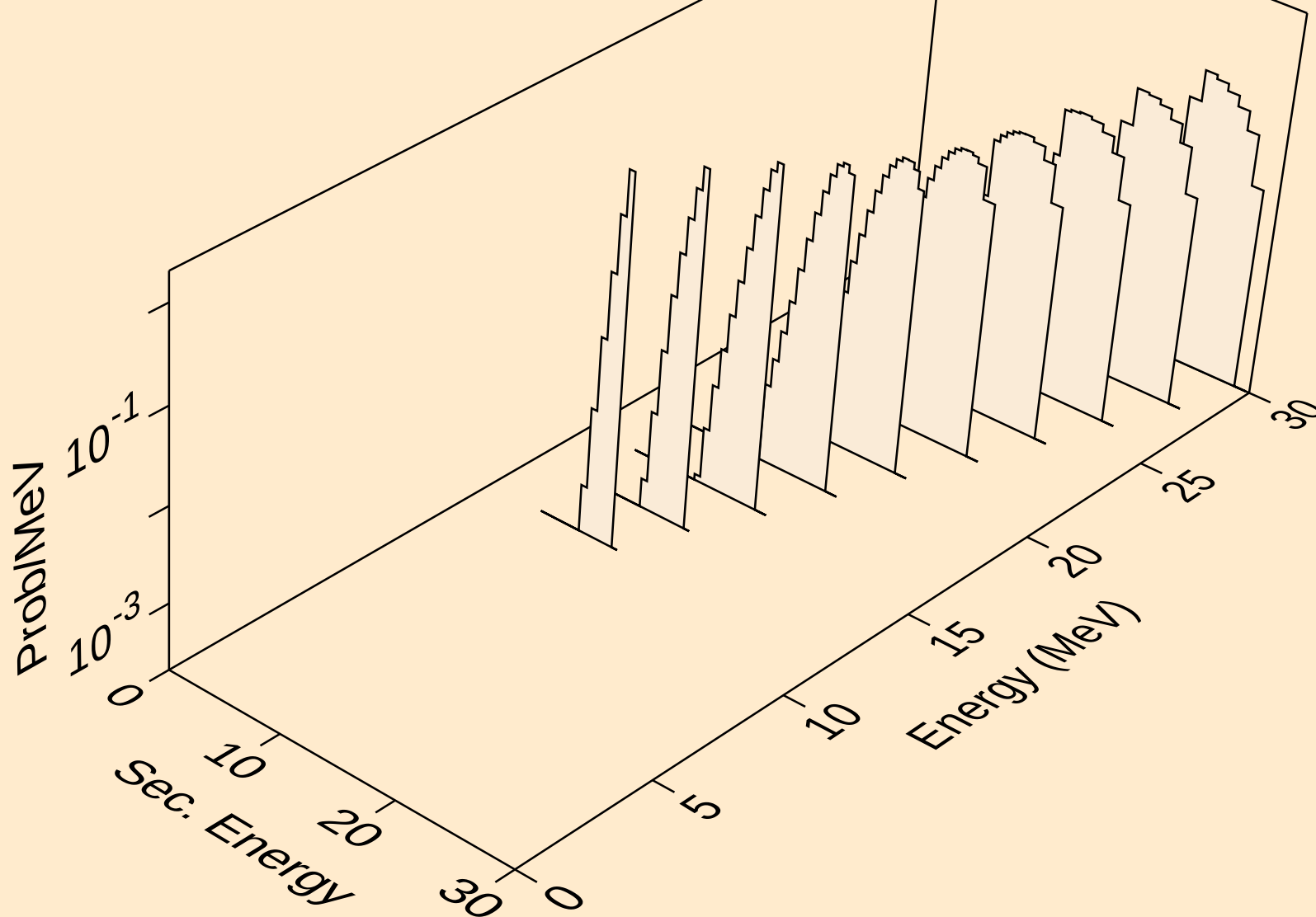
PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,3n)a

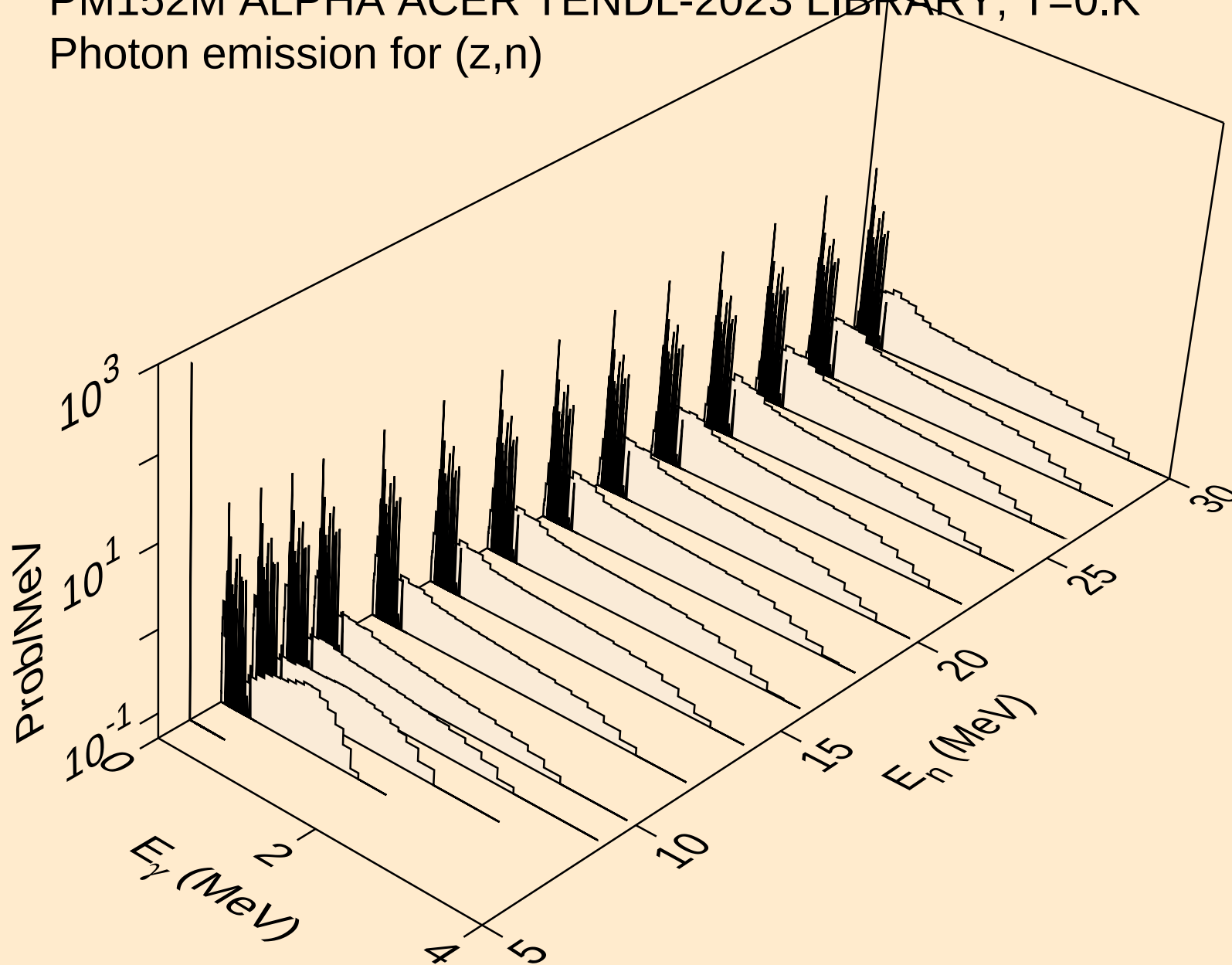


PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for inelastic

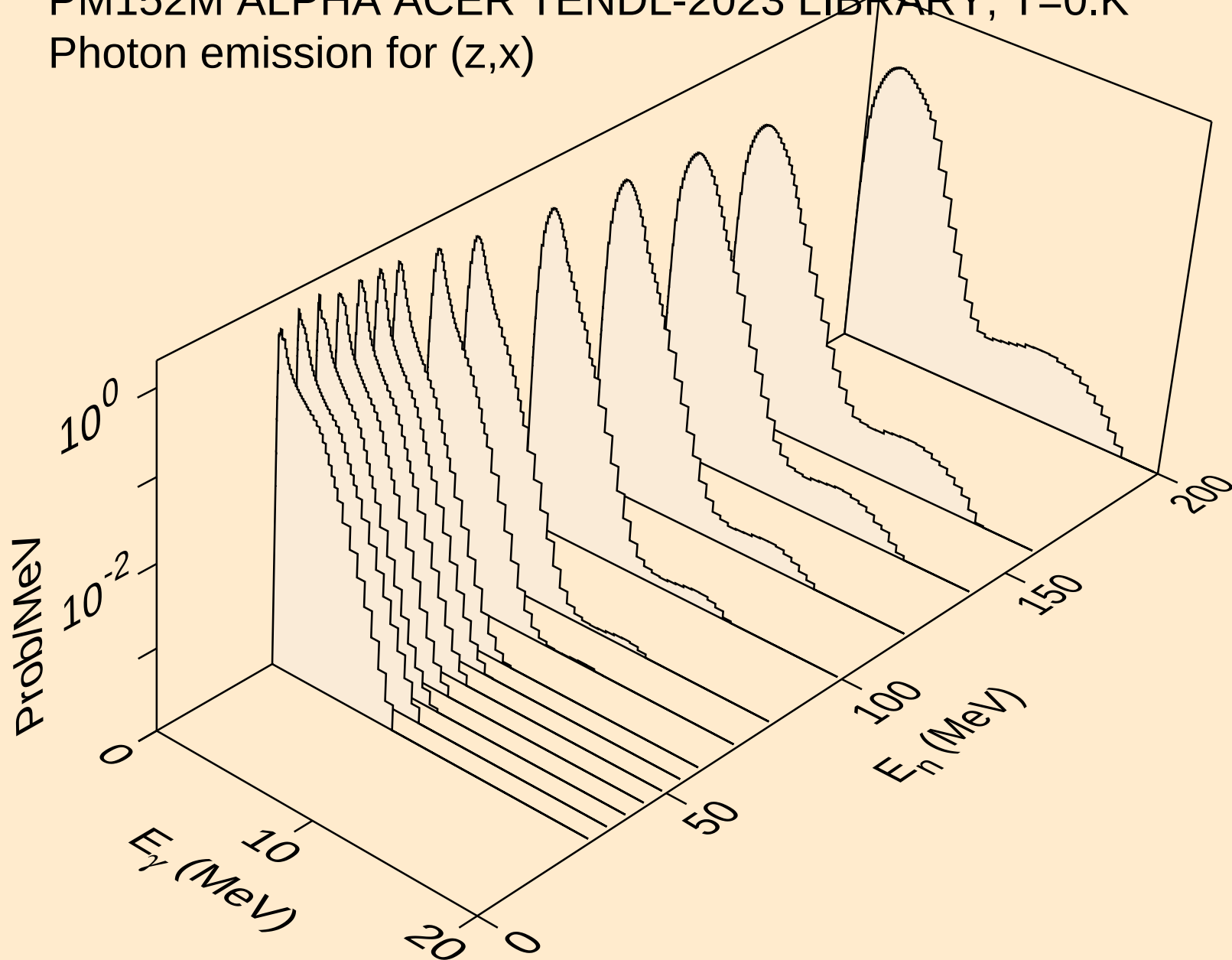


PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

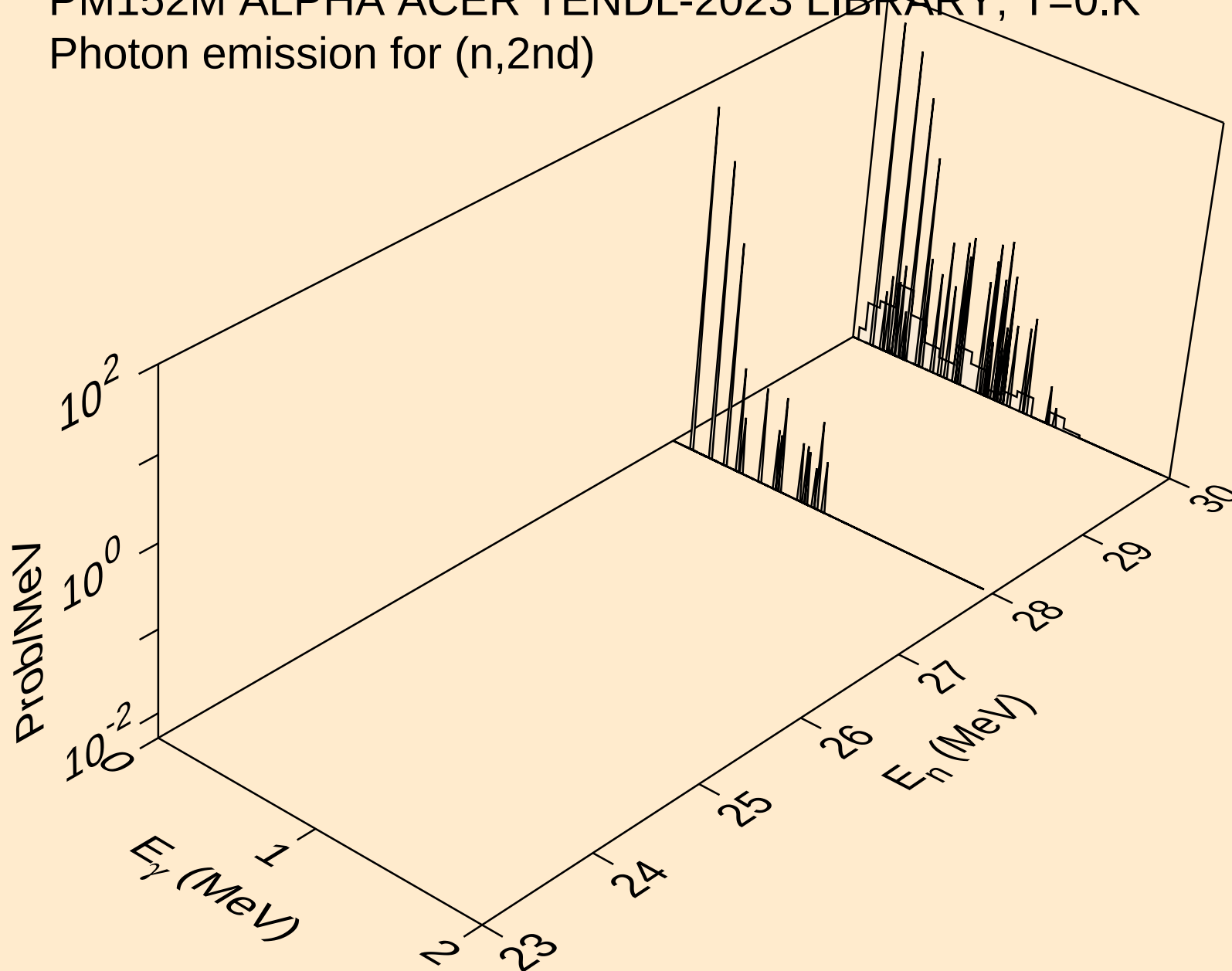


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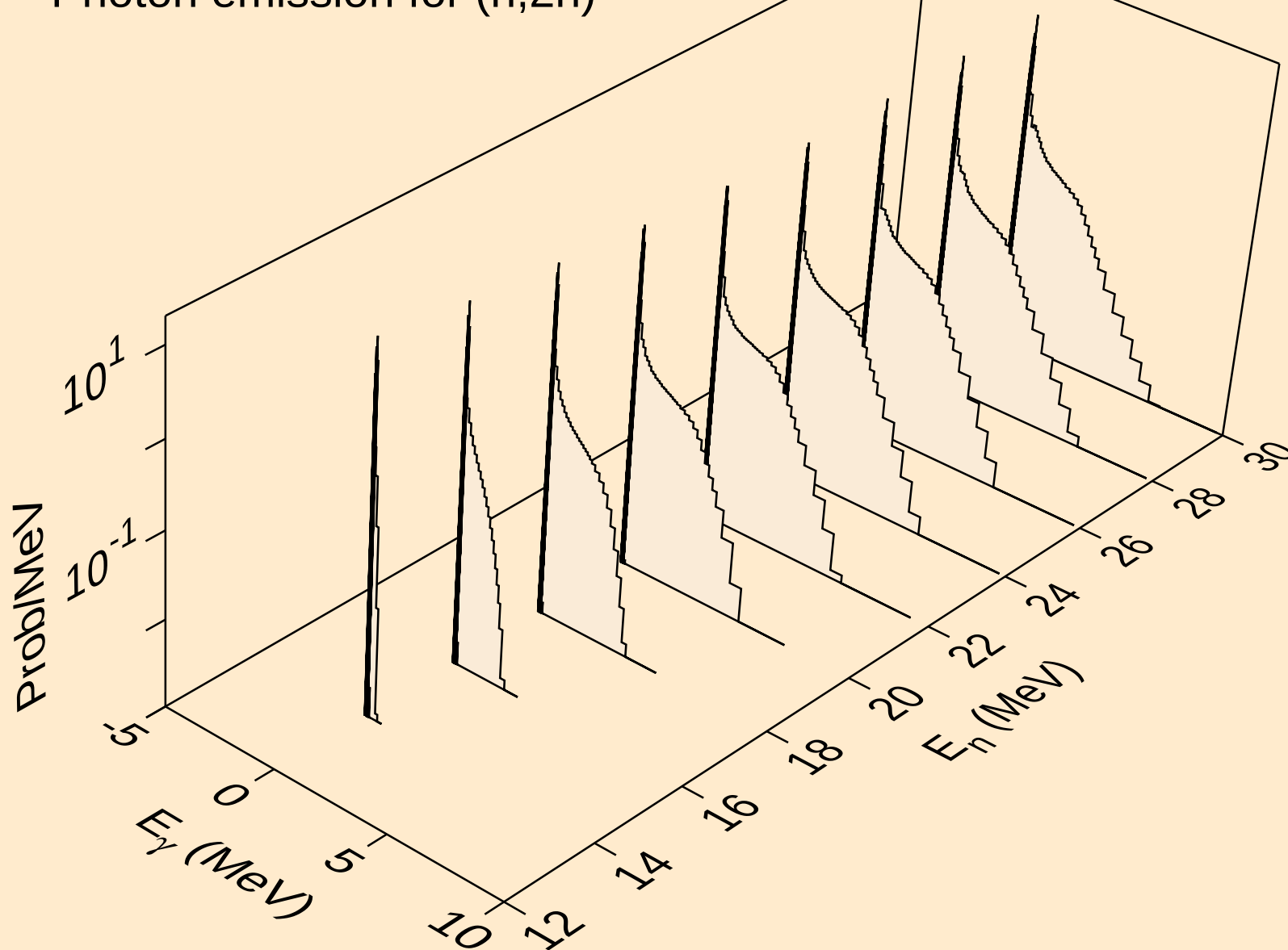
Photon emission for (z,x)



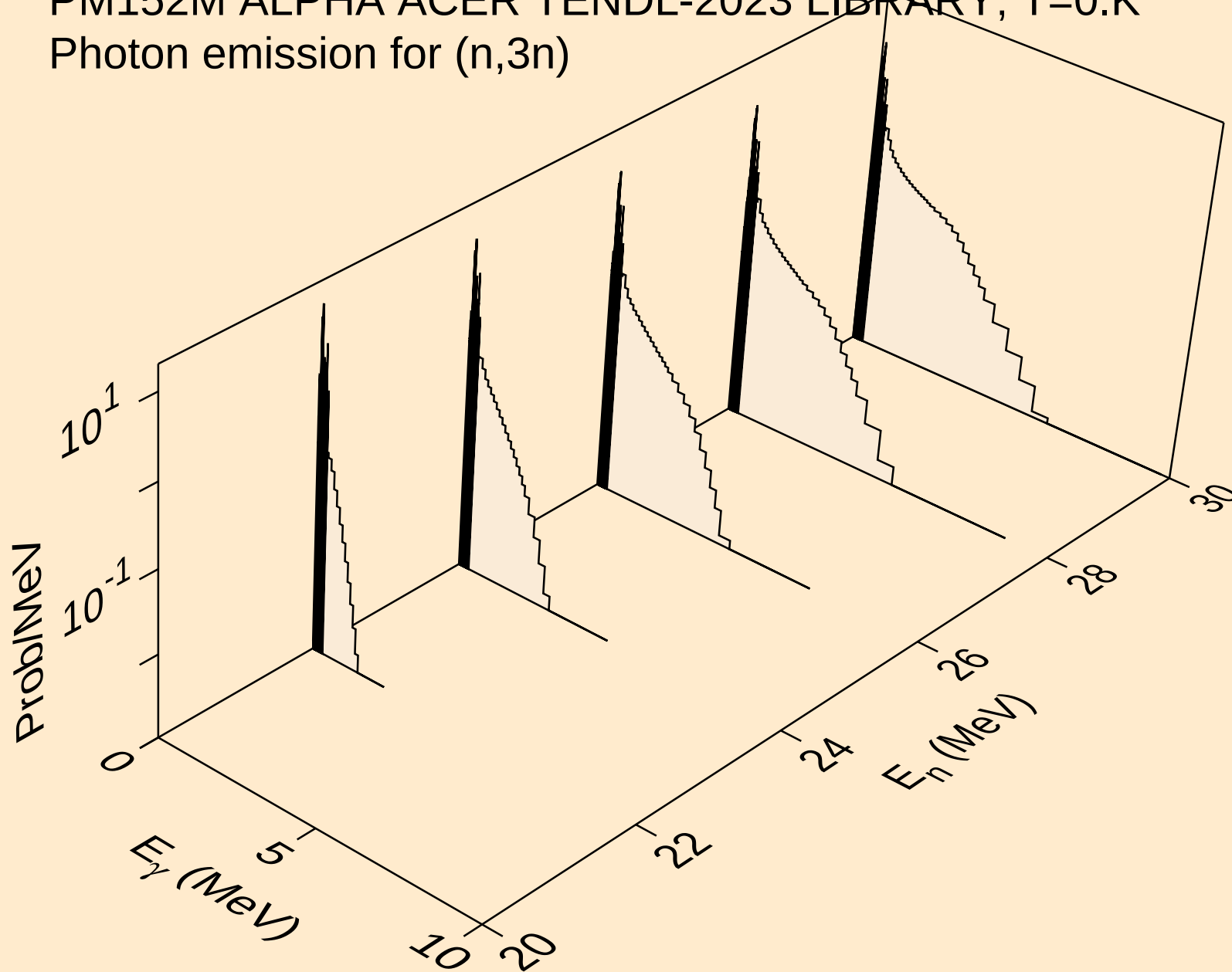
PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

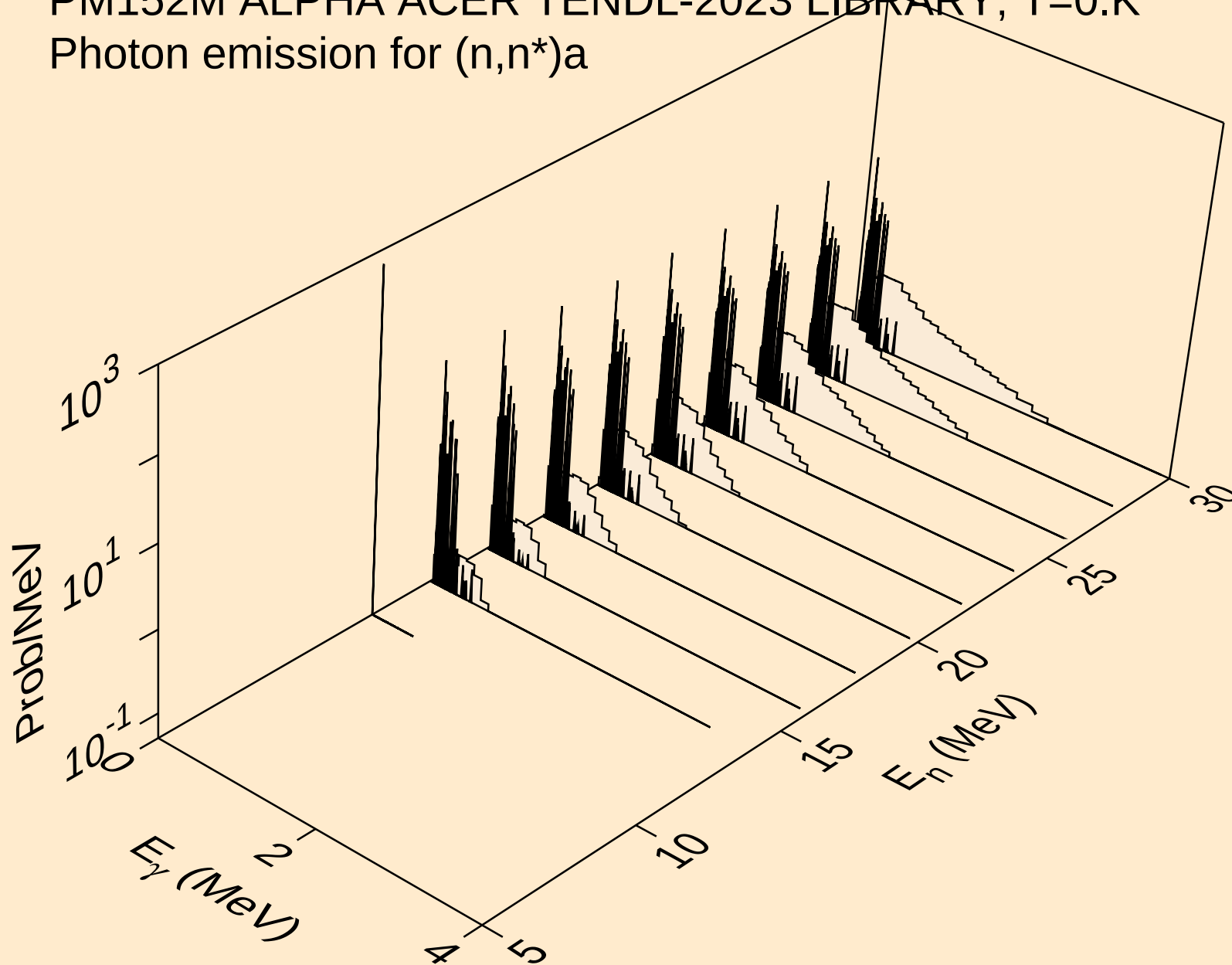


PM152M ALPHA ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3n)

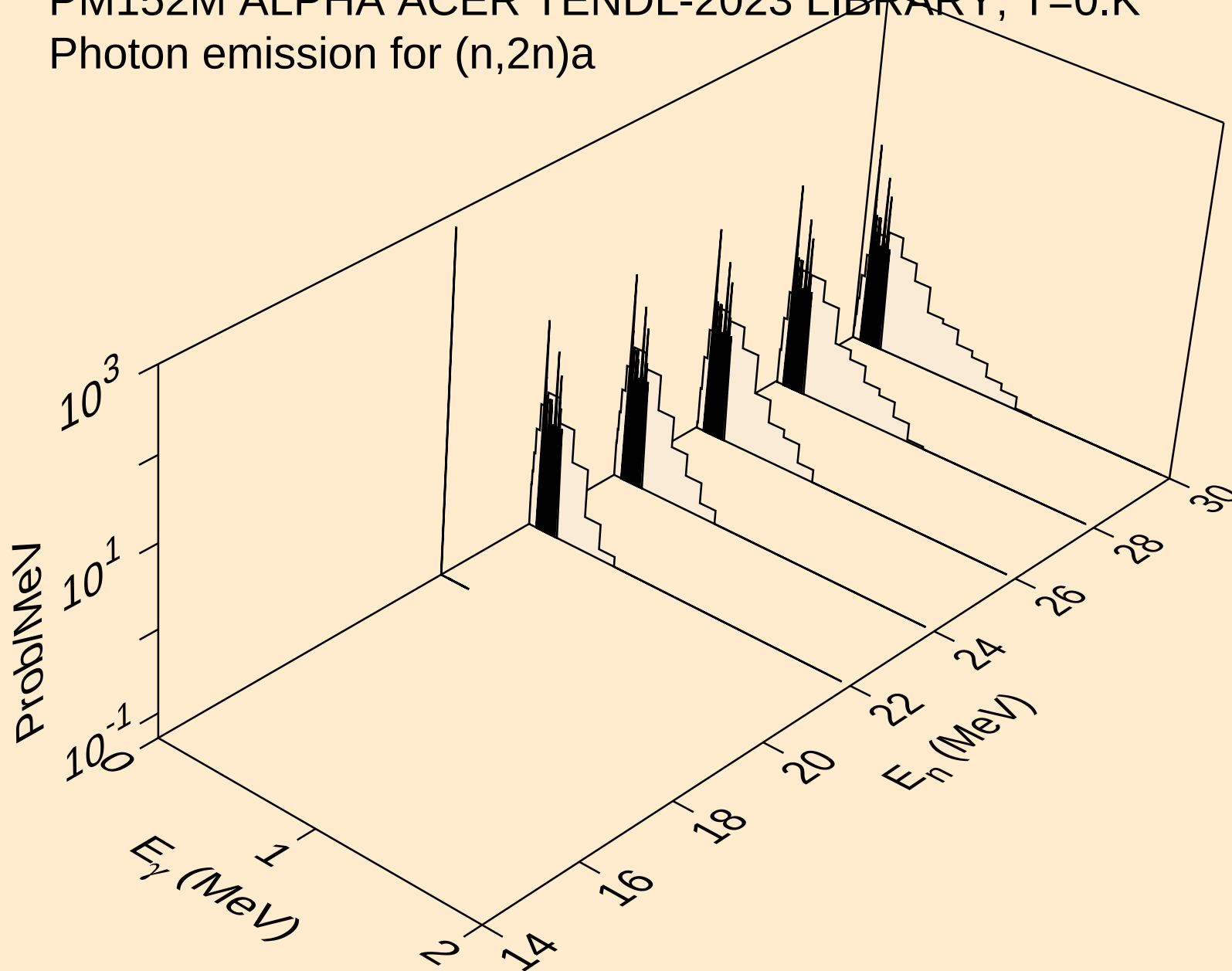


PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a

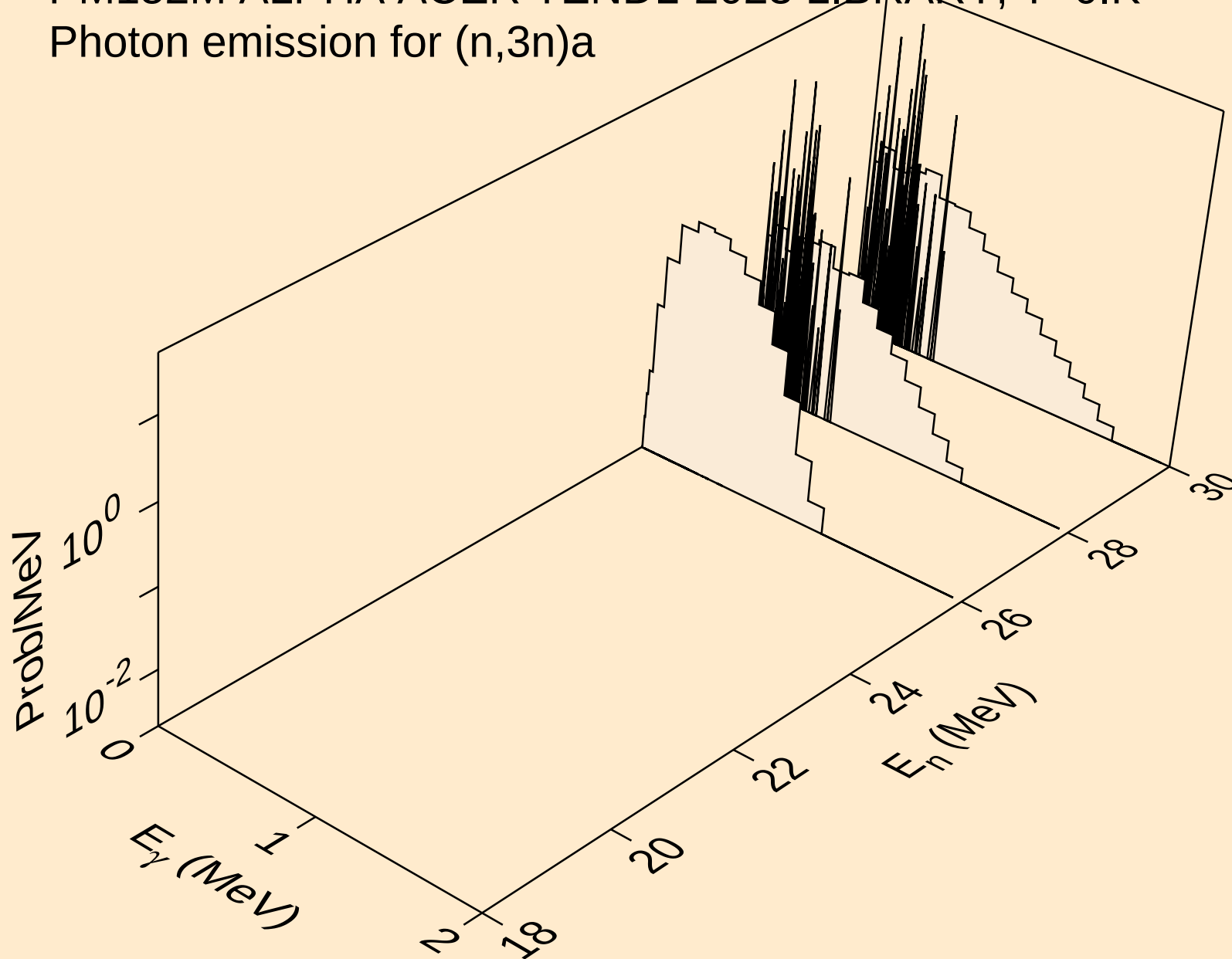


PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α



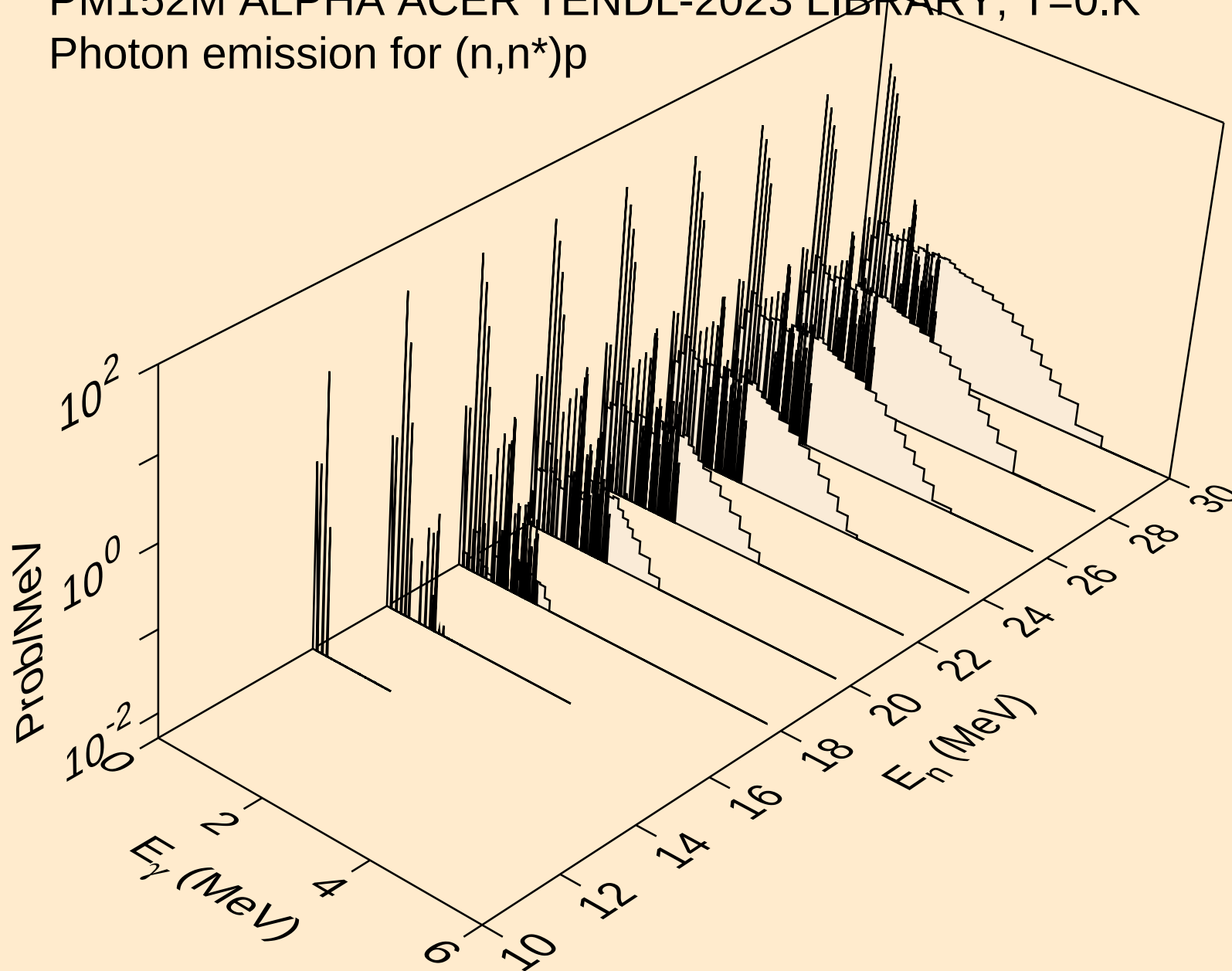
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Photon emission for (n,3n) α

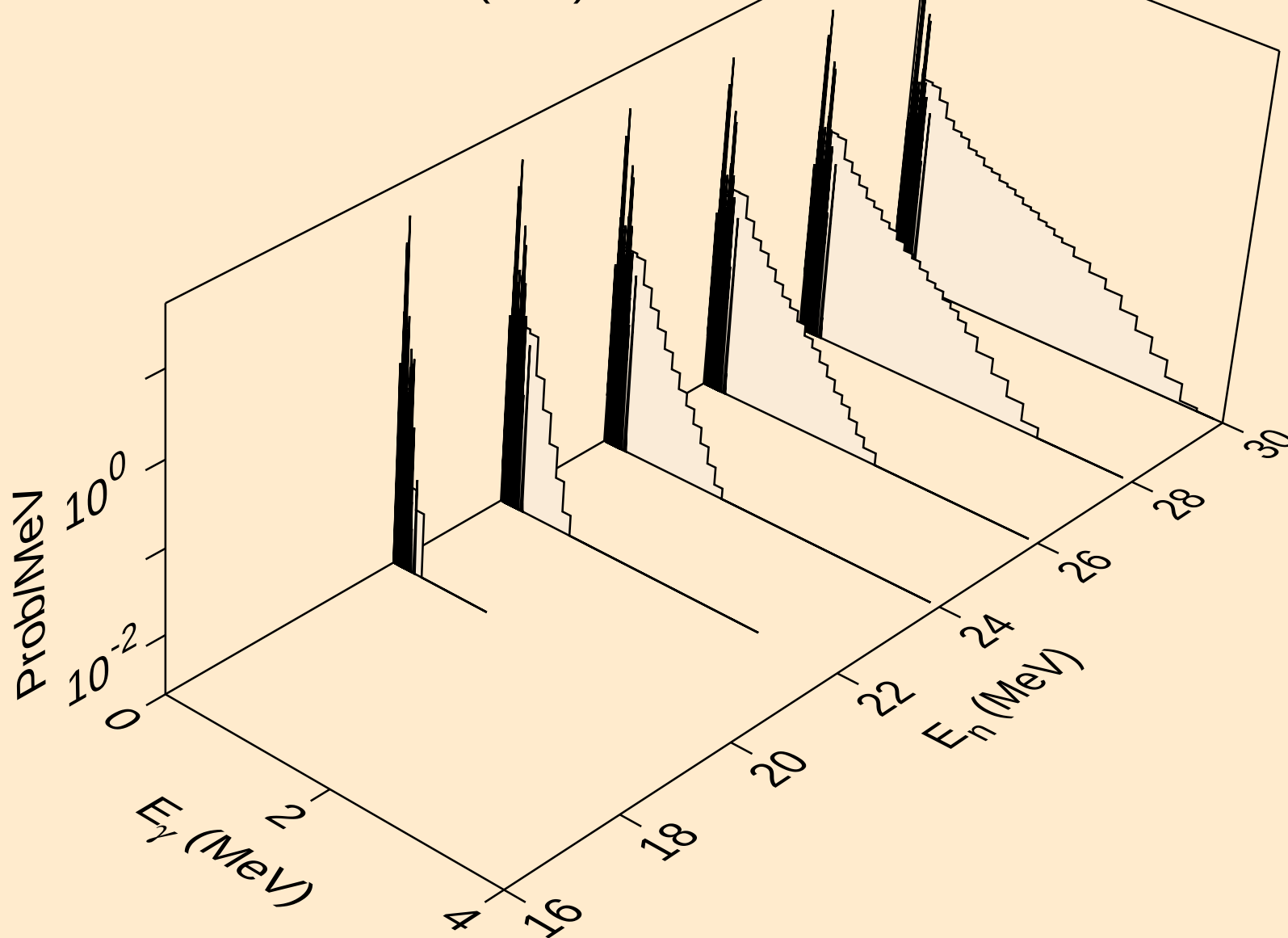


PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p

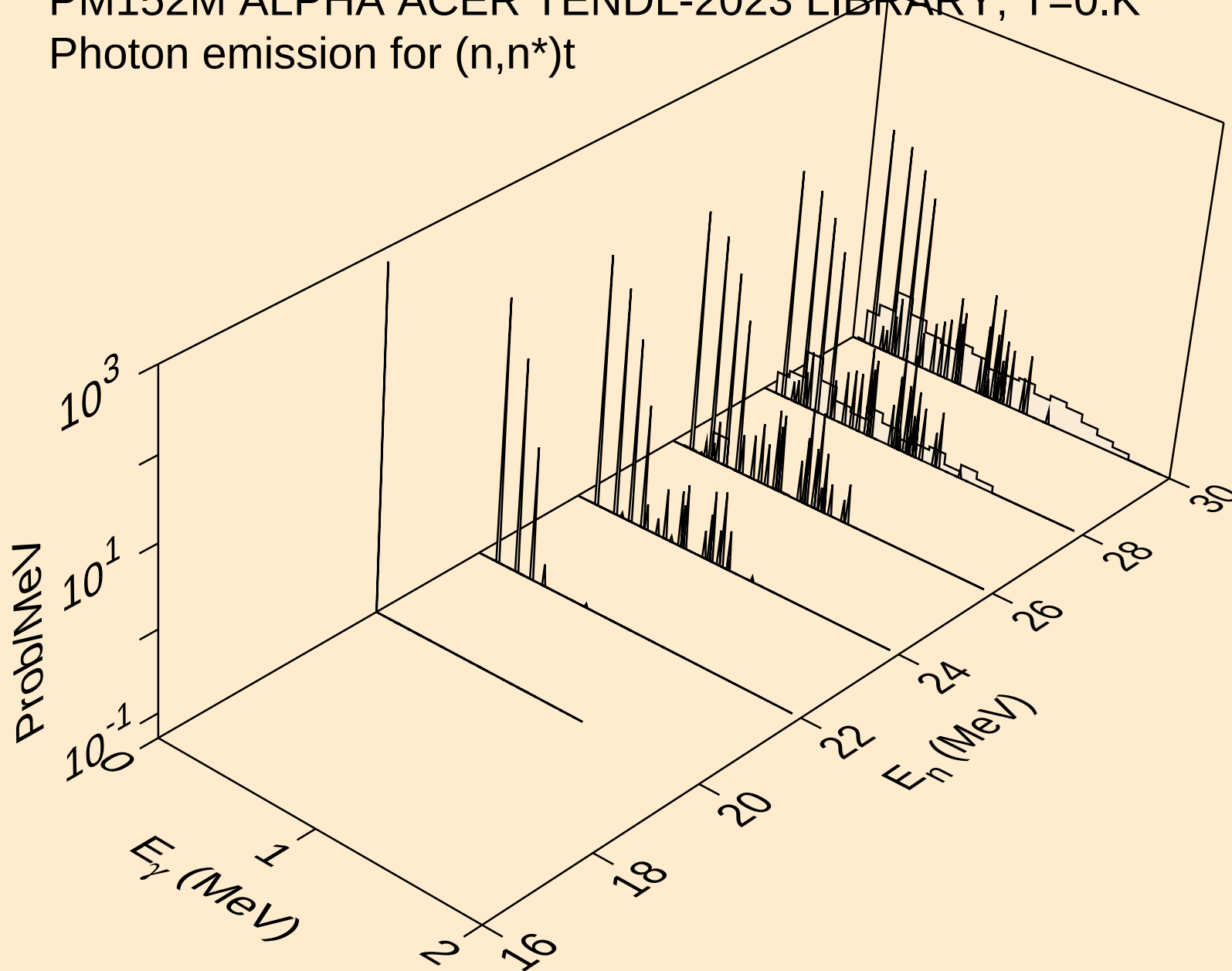


PM152M ALPHA ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)d$

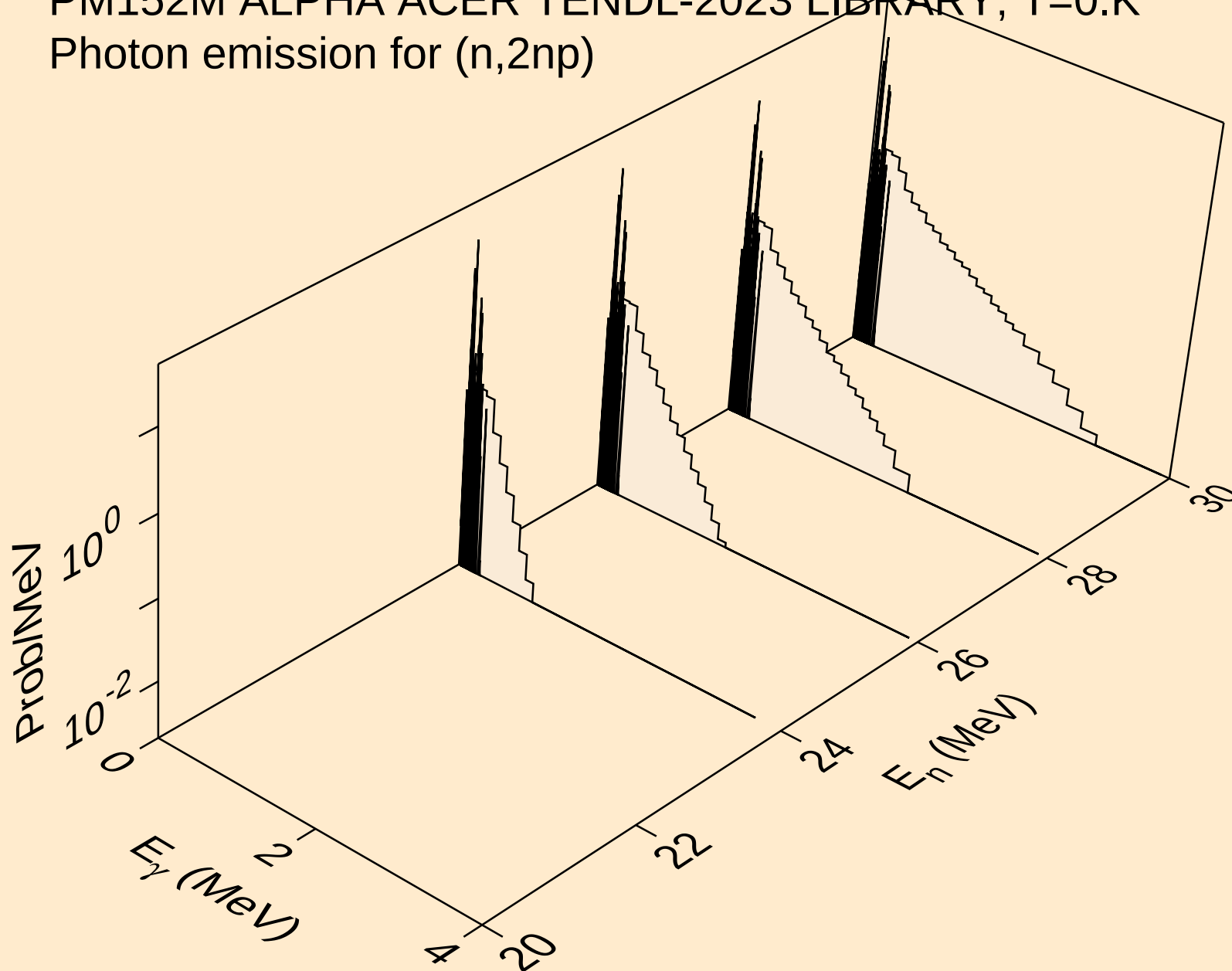


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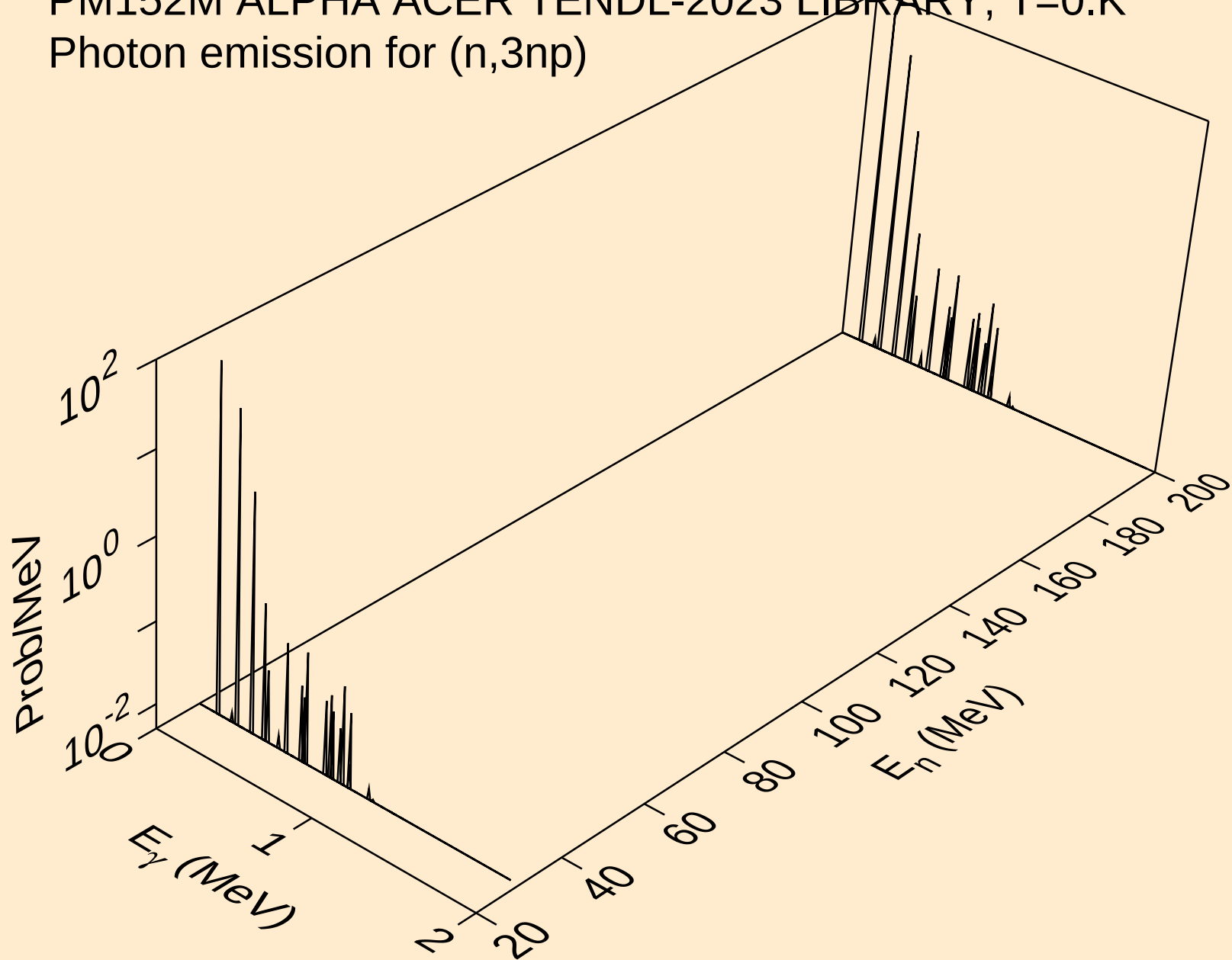
Photon emission for (n,n*)t



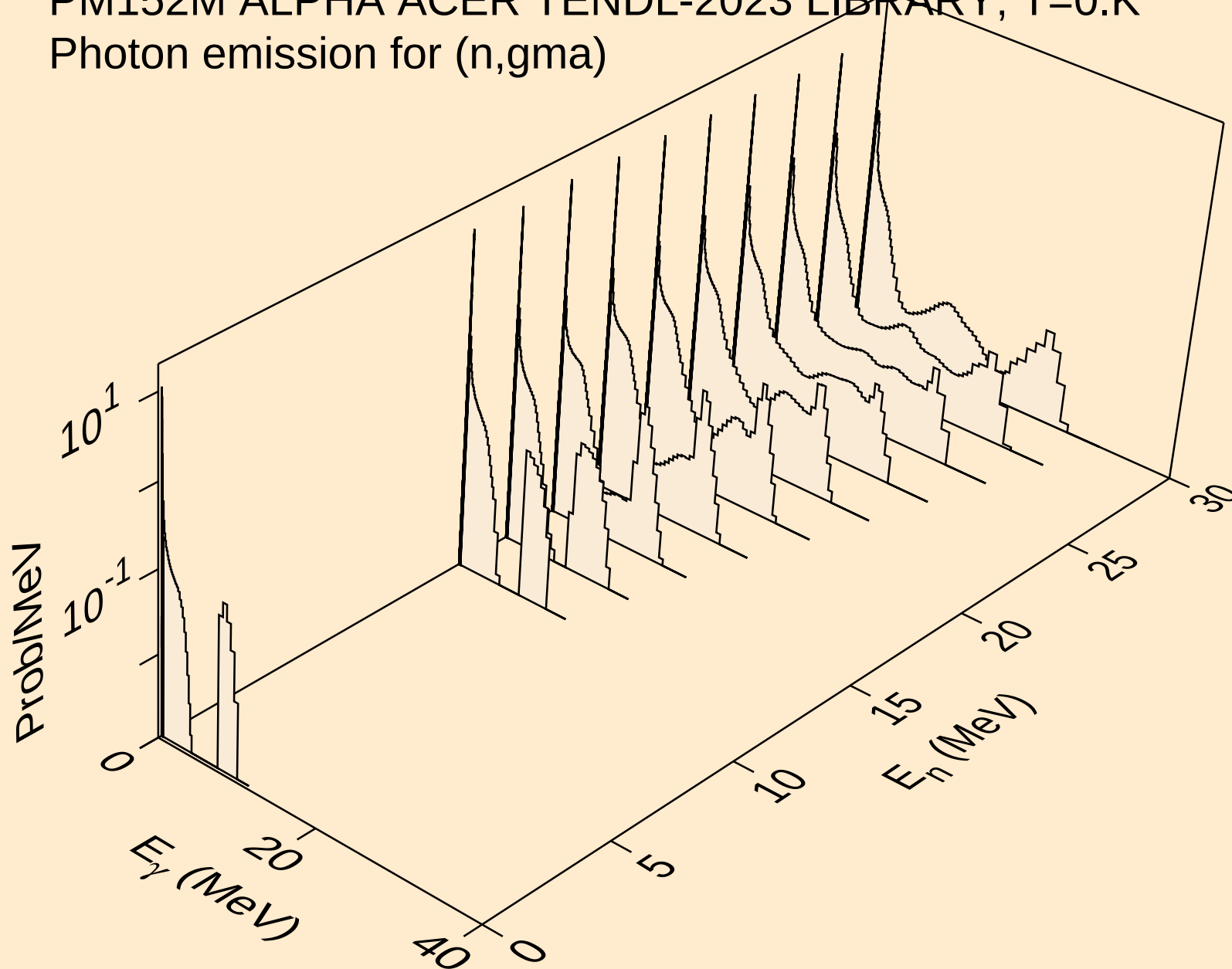
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Photon emission for (n,2np)



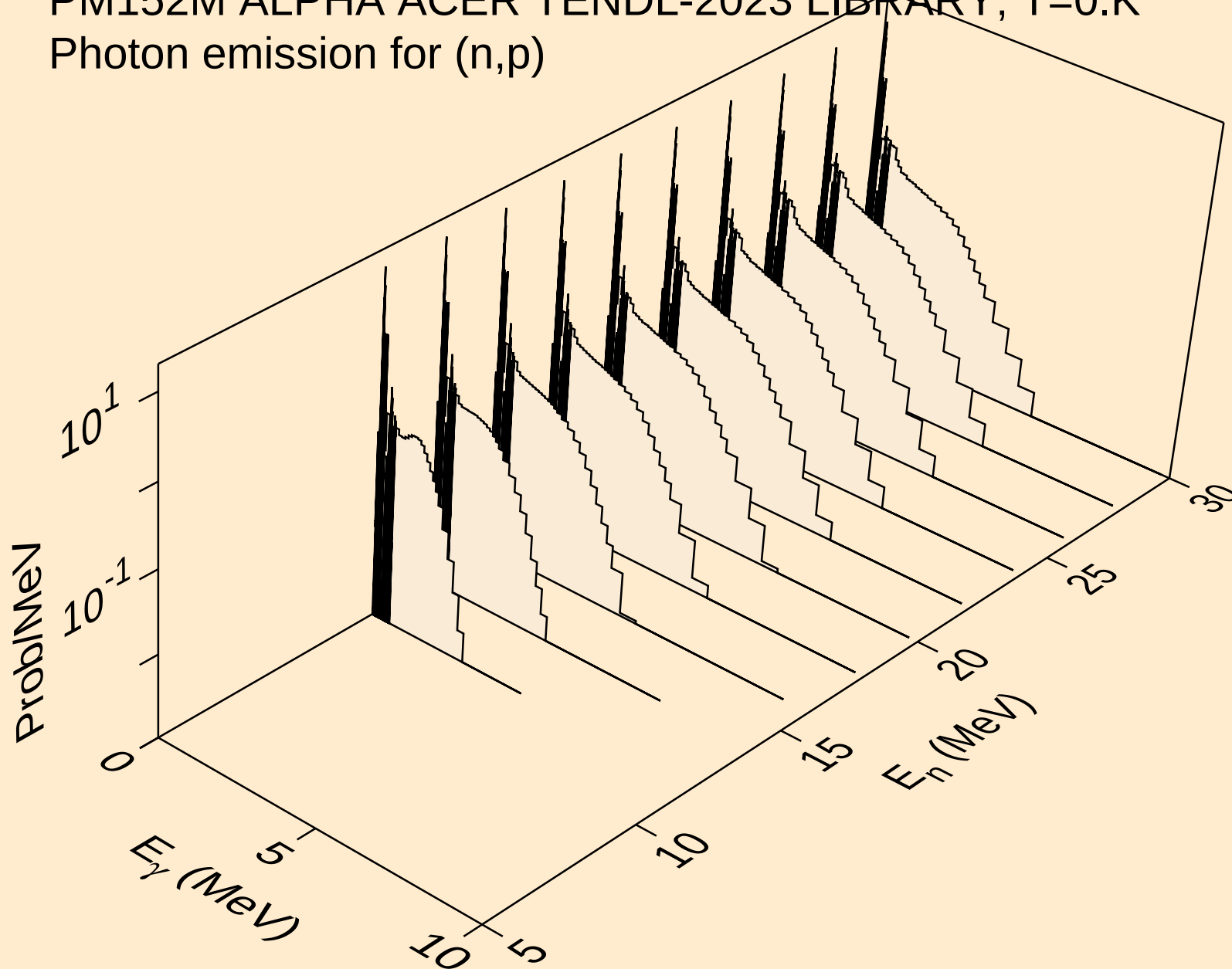
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Photon emission for (n,3np)



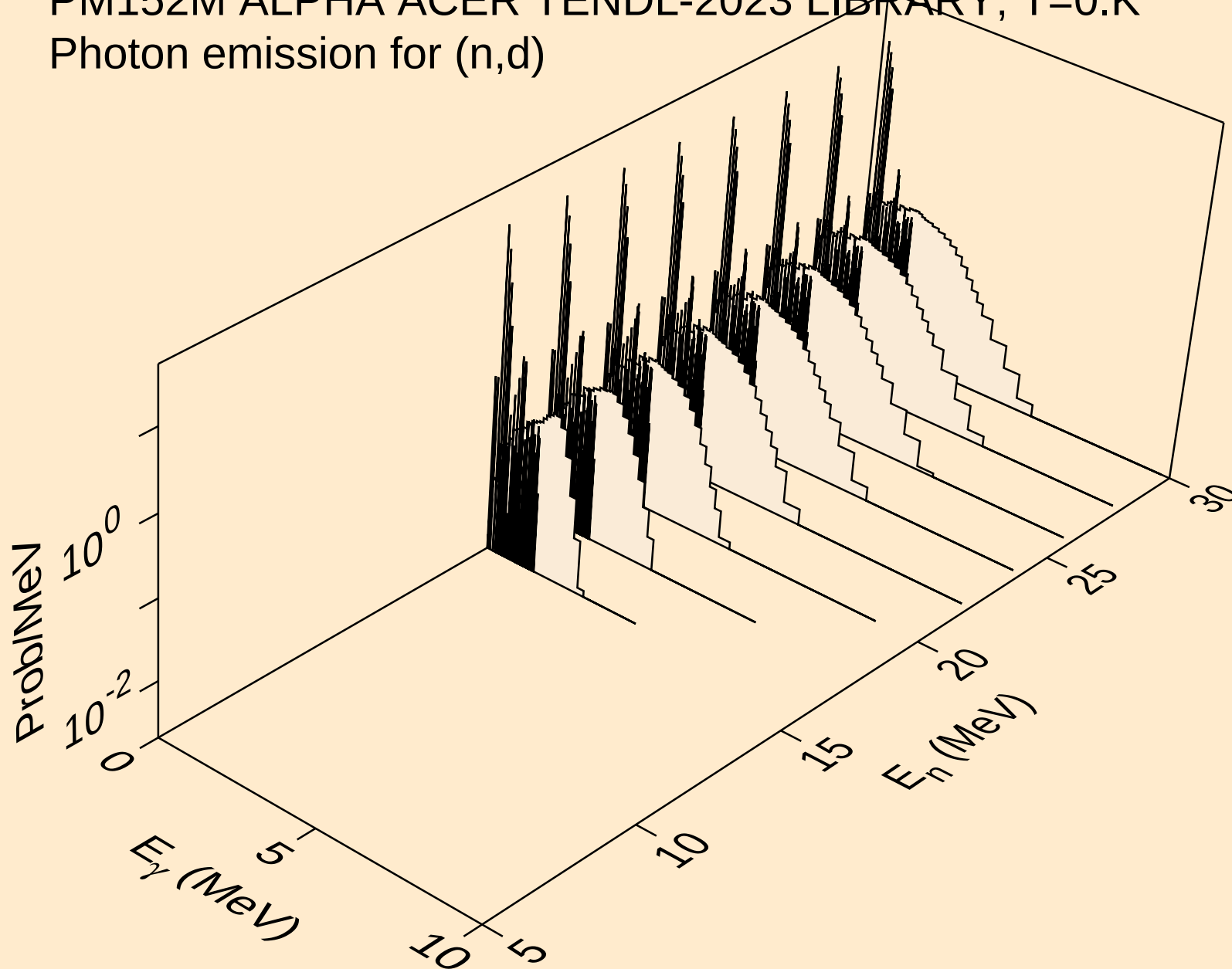
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Photon emission for (n,gma)



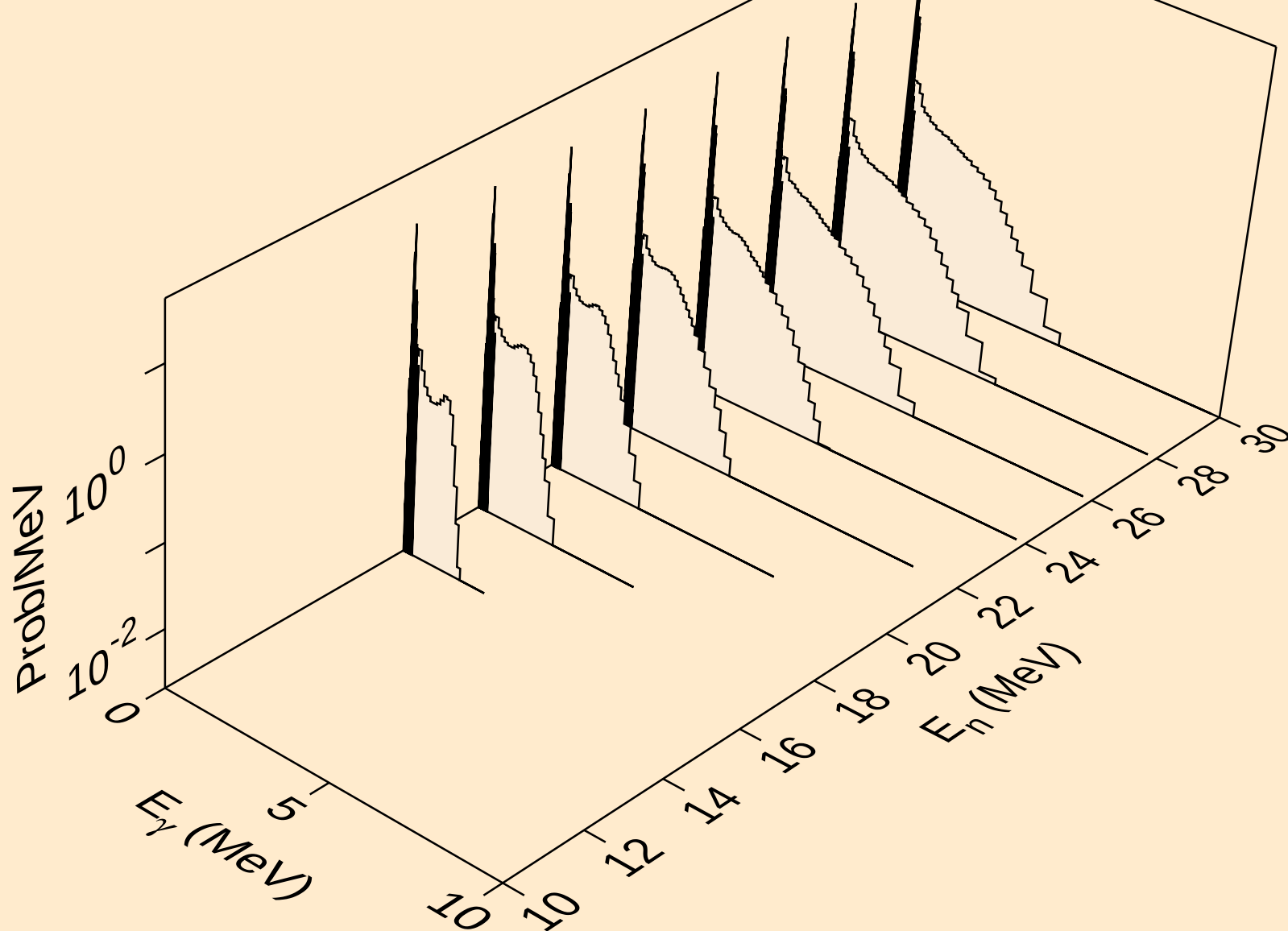
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Photon emission for (n,p)



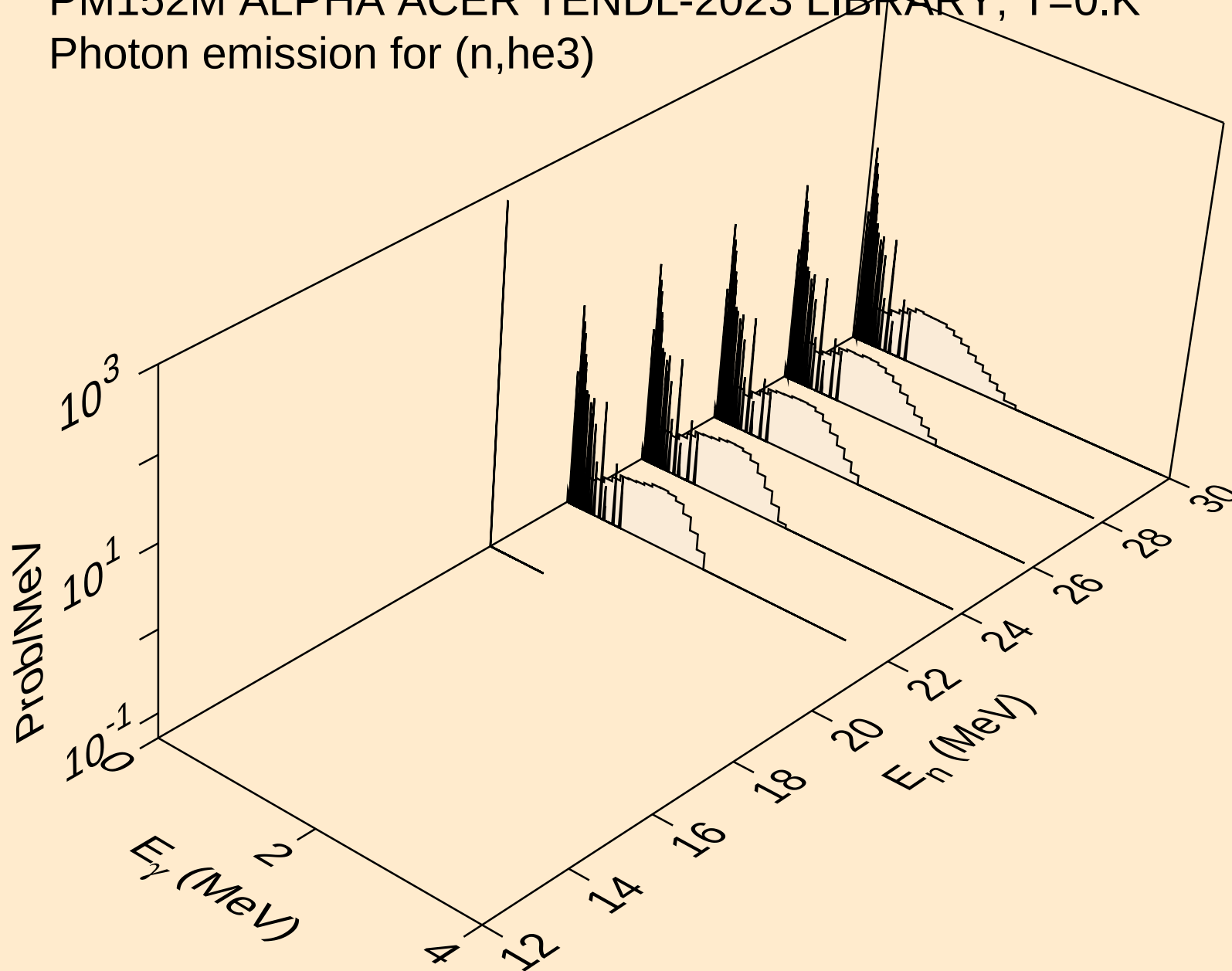
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Photon emission for (n,d)



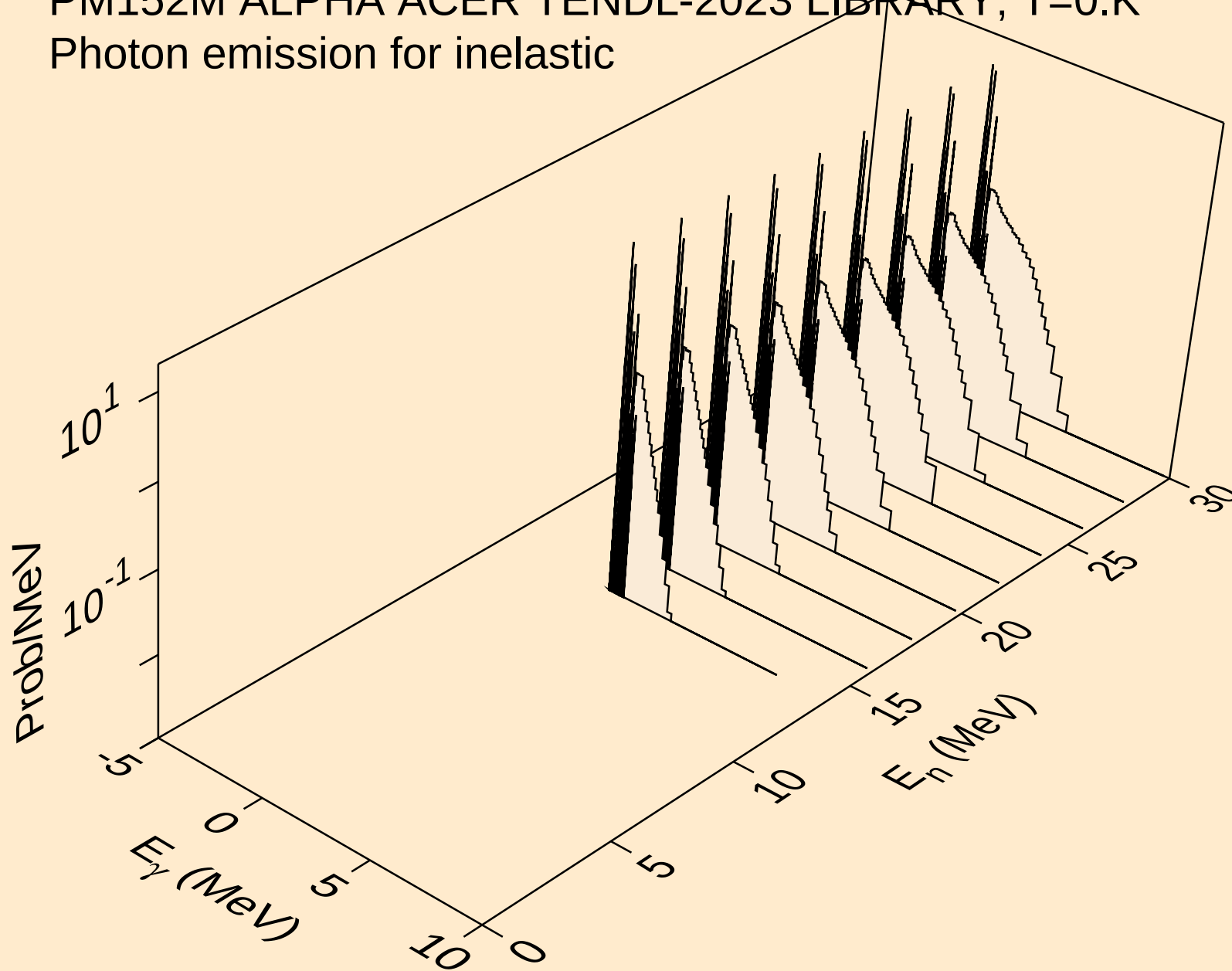
PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



PM152M ALPHA ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,he3)

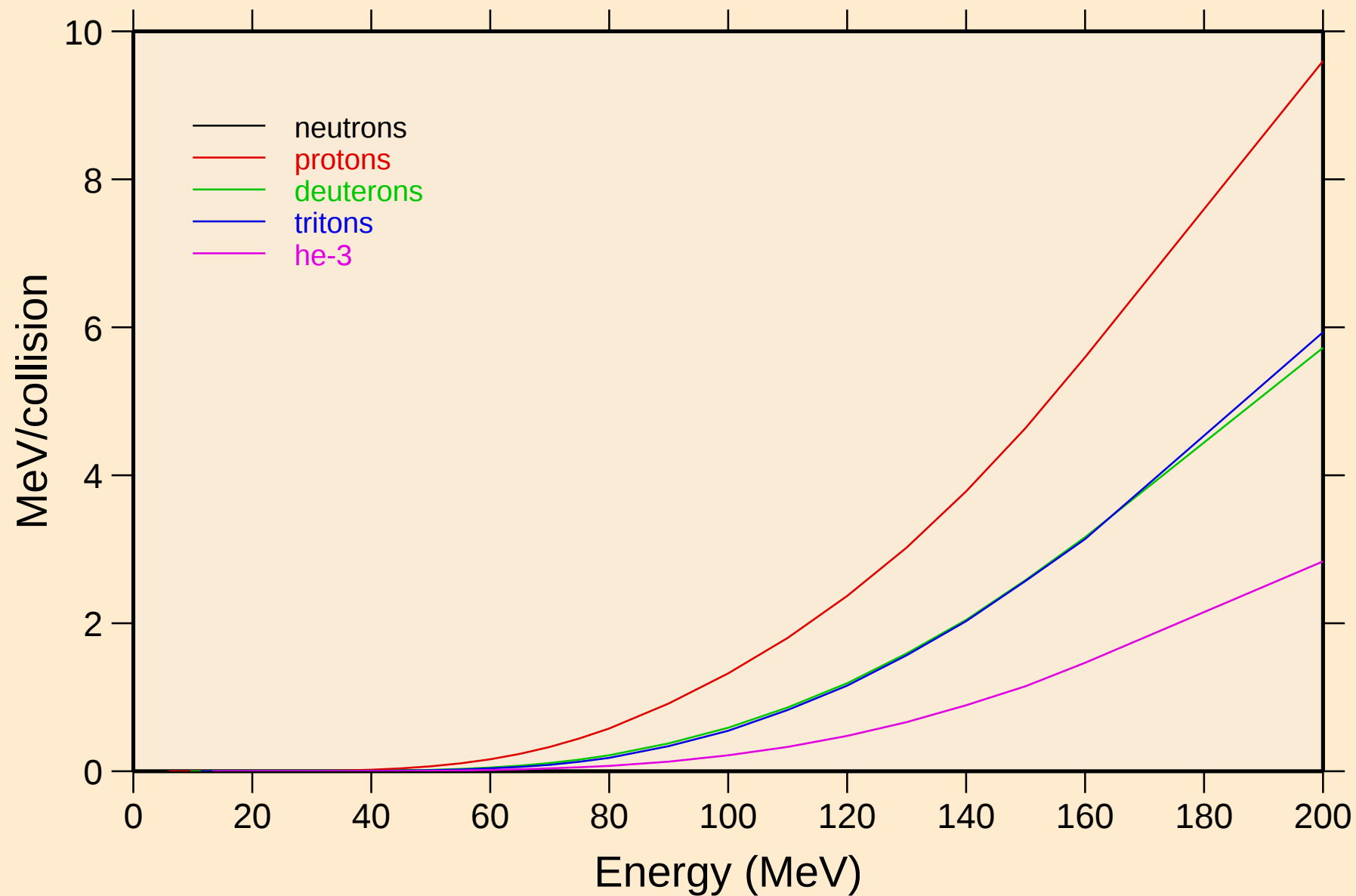


PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



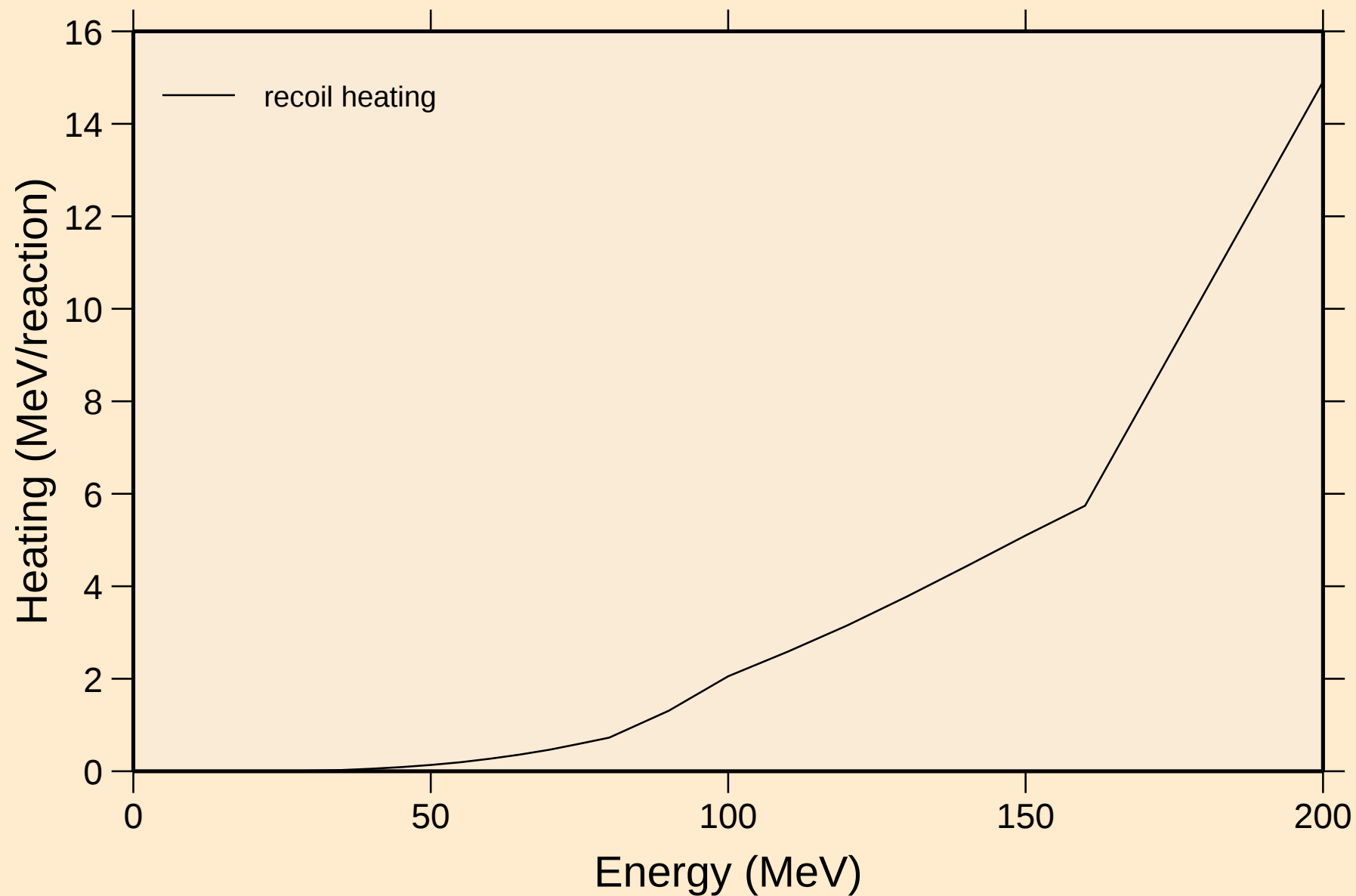
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Particle heating contributions



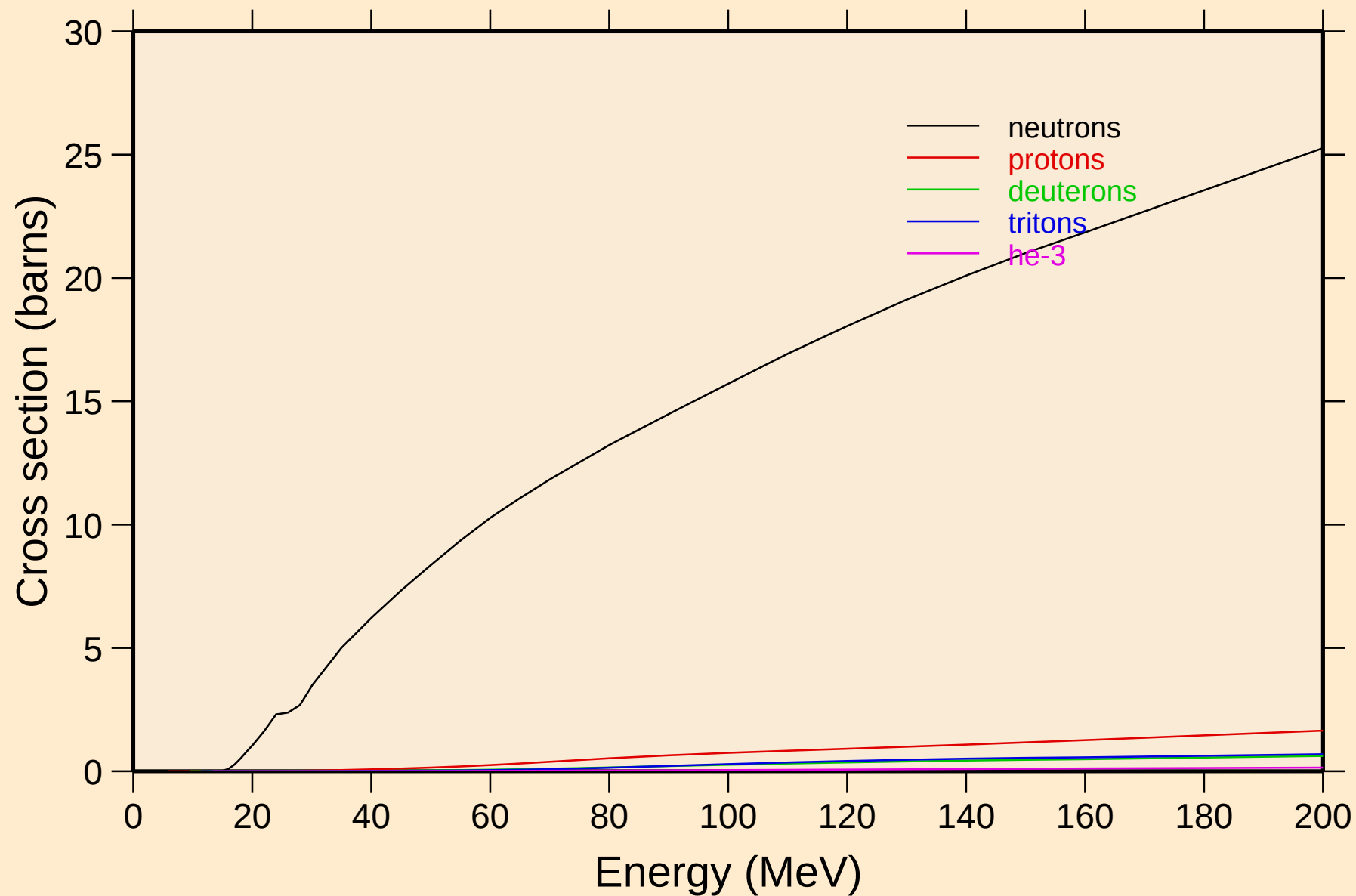
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Recoil Heating

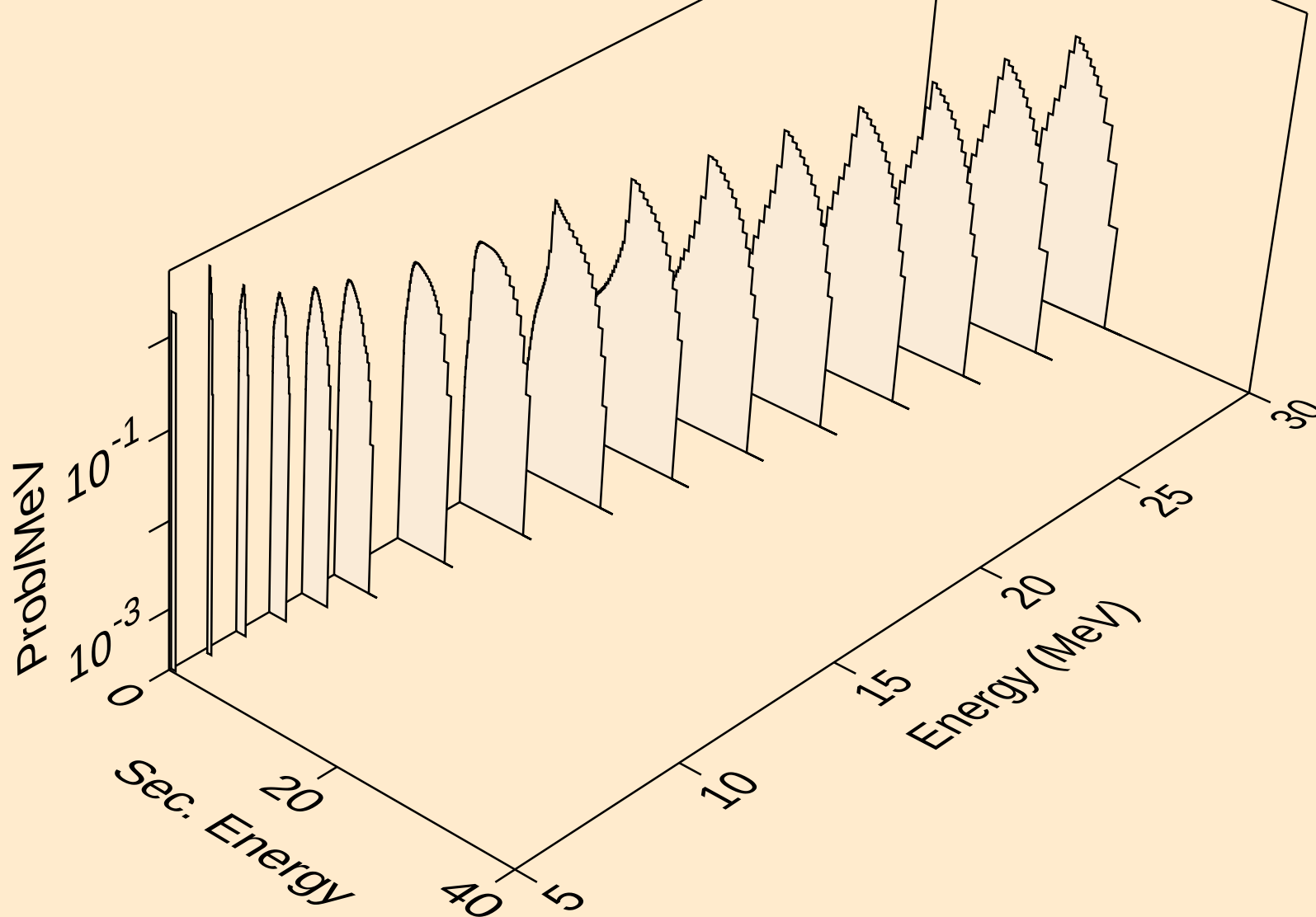


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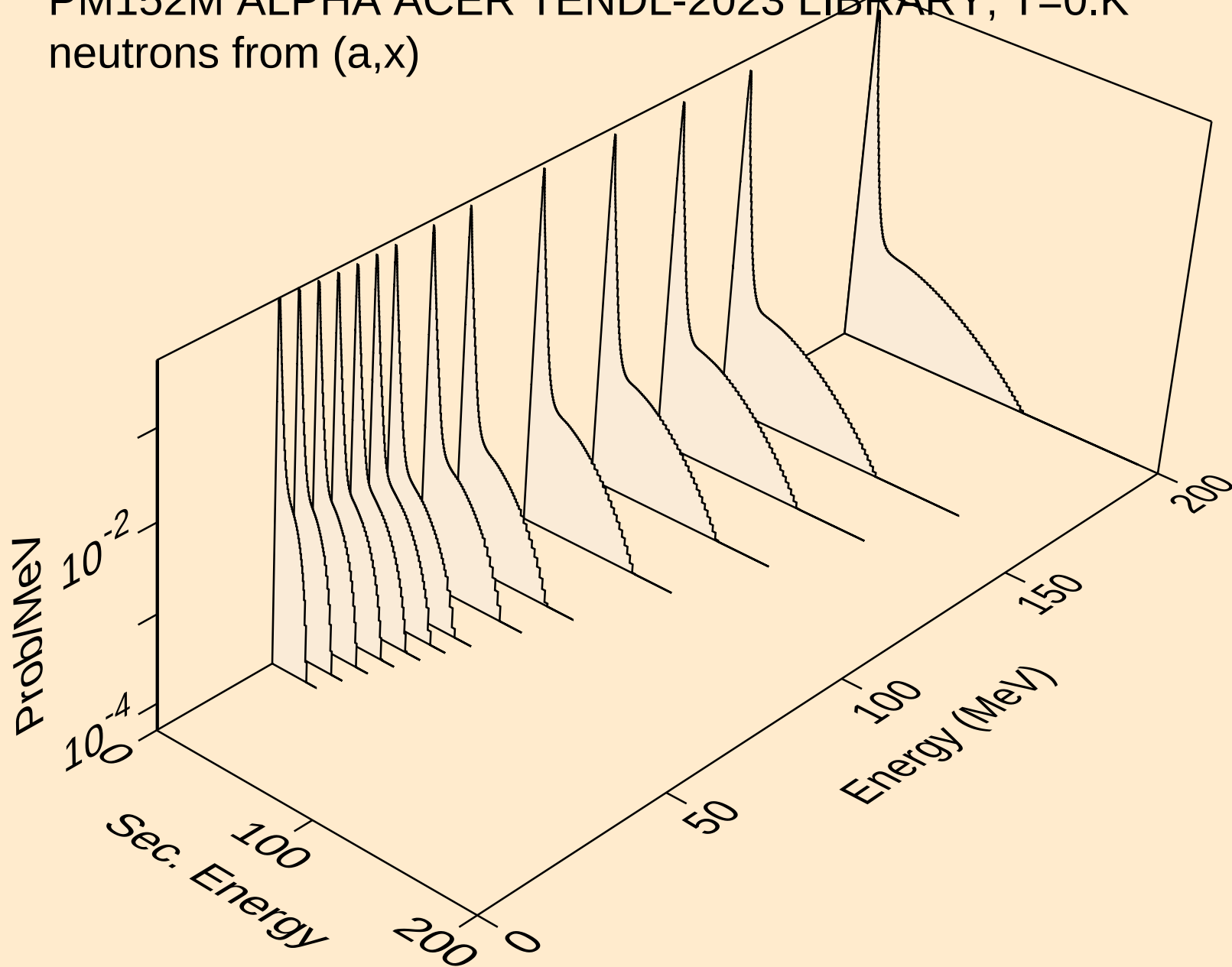
Particle production cross sections



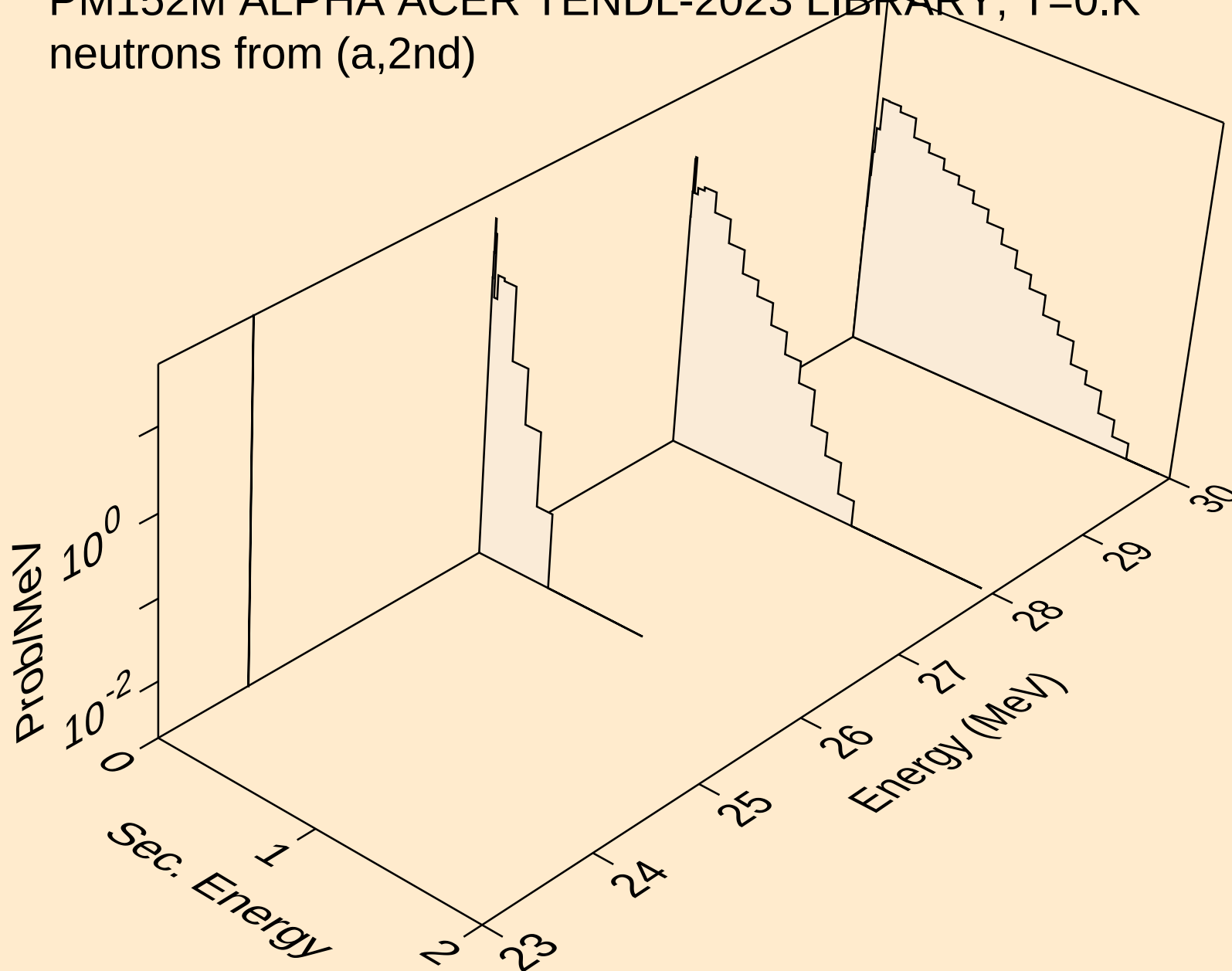
PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



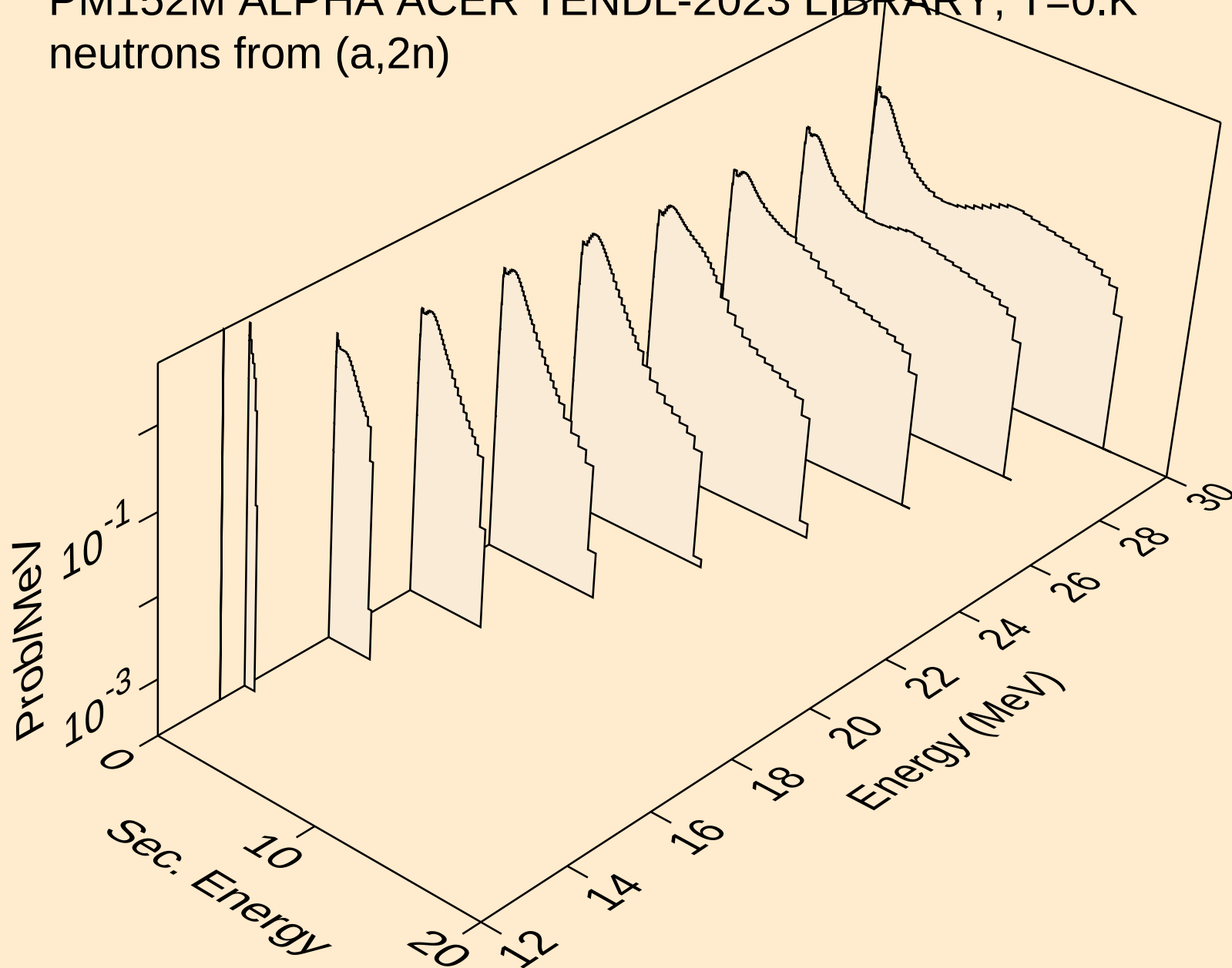
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neutrons from (a,x)



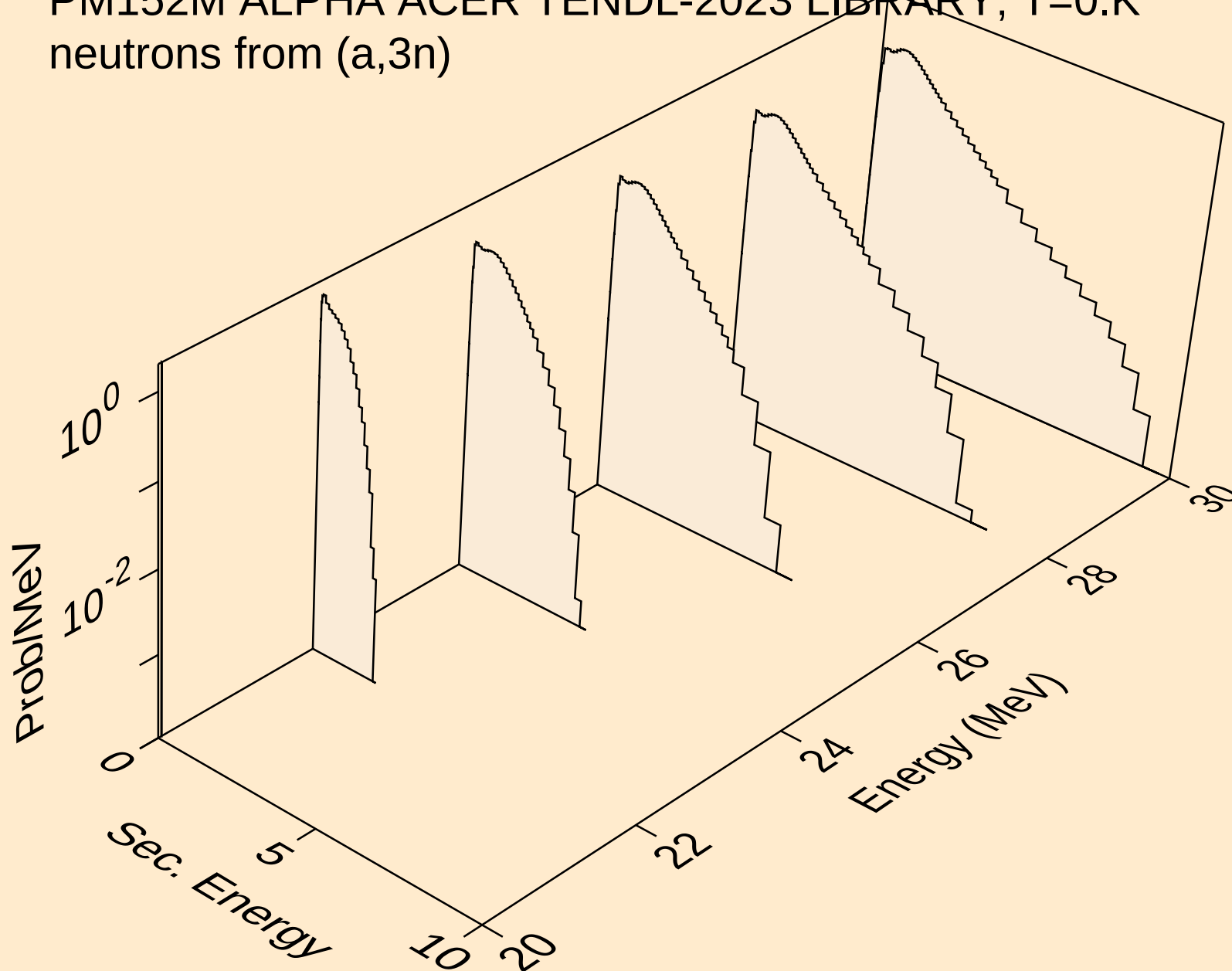
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neutrons from (a,2nd)



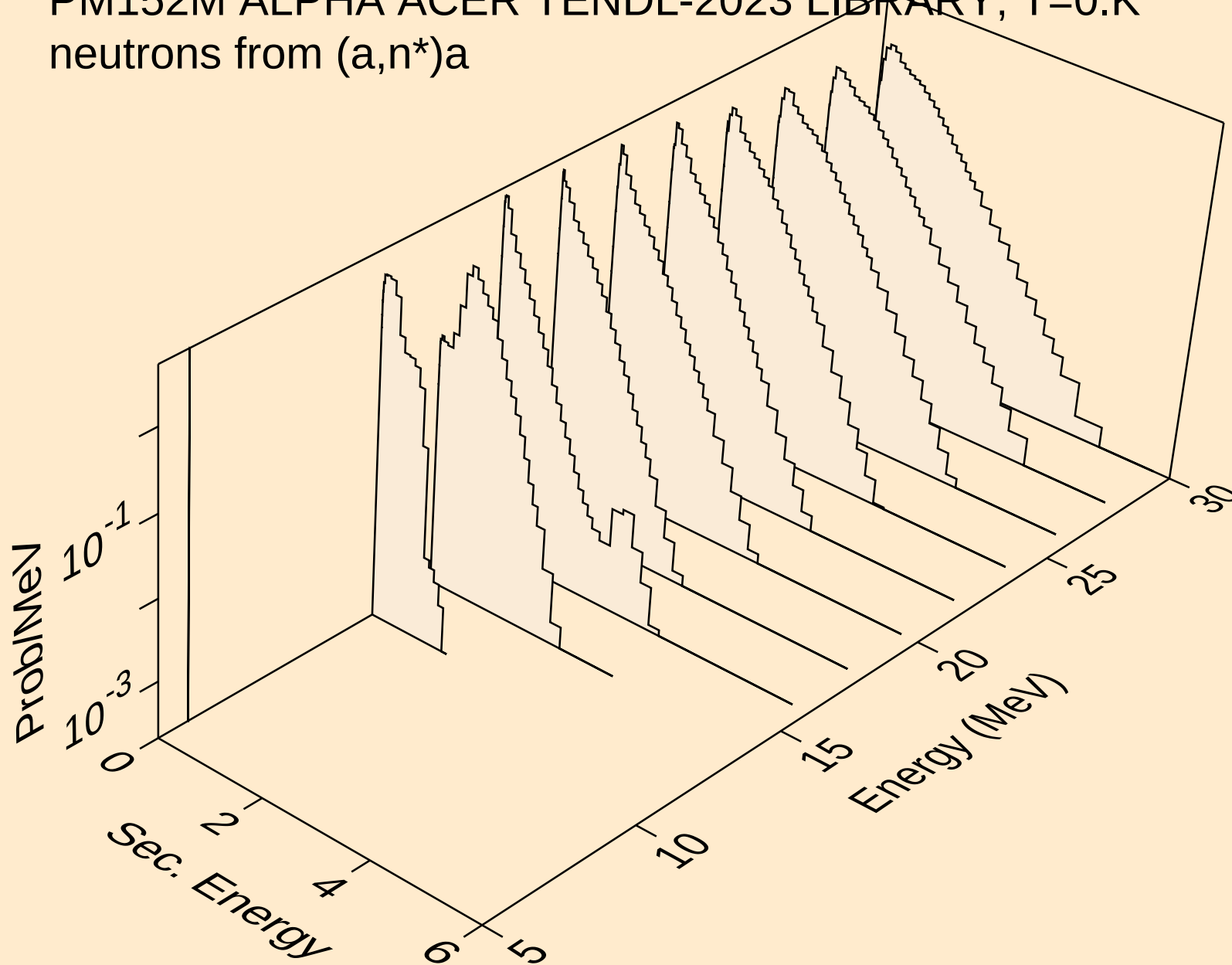
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neutrons from (a,2n)



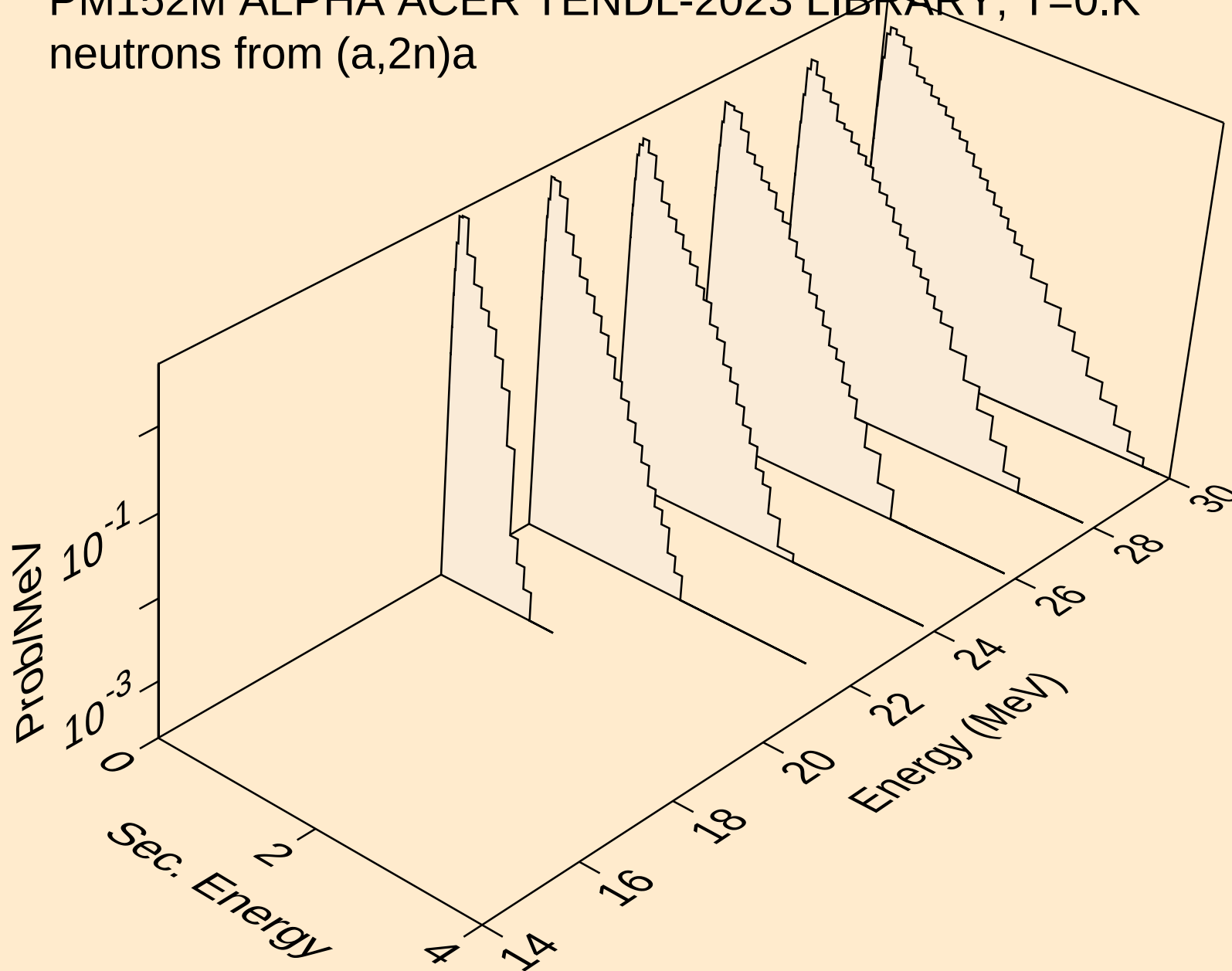
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neutrons from (a,3n)



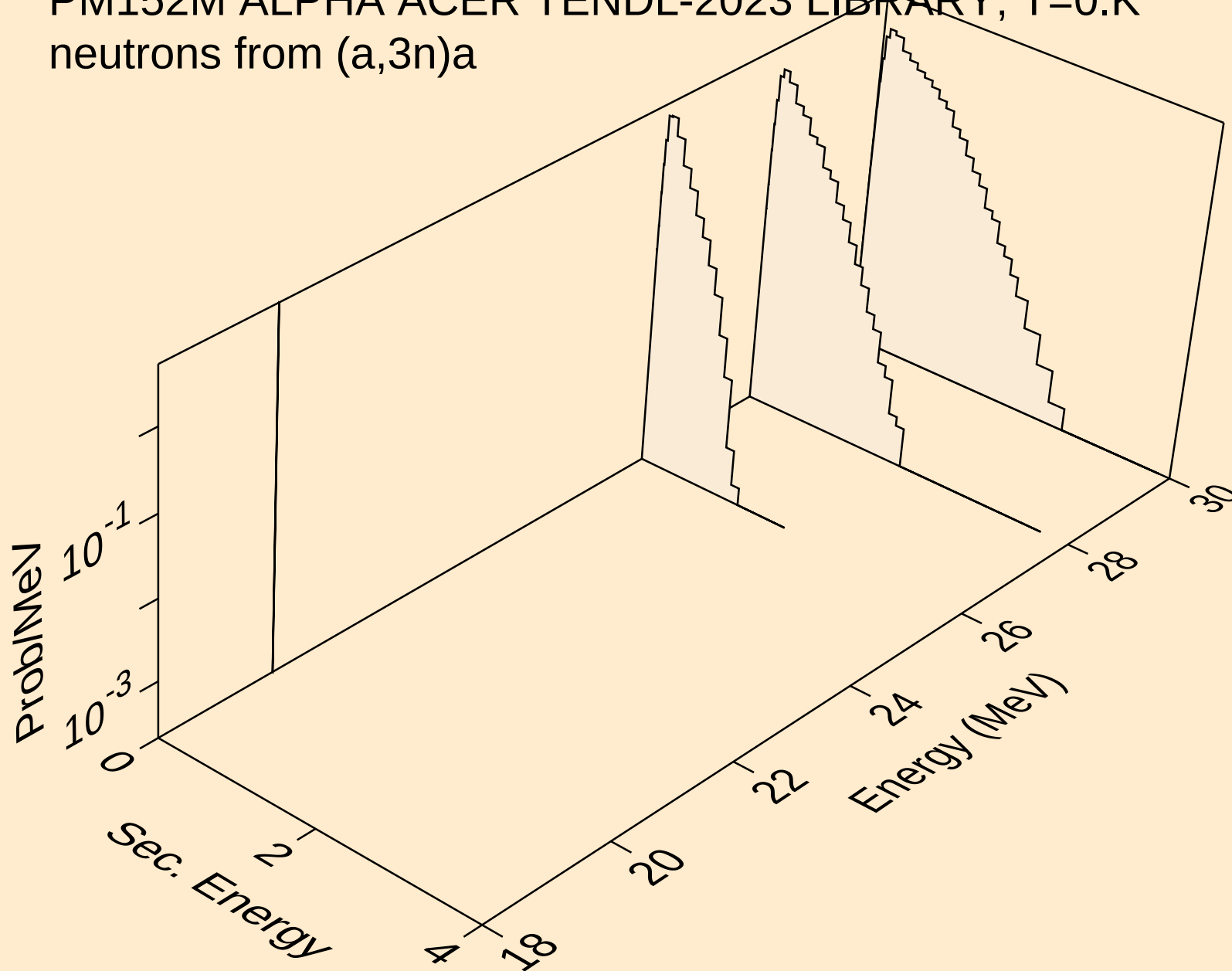
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neutrons from (a,n*)a



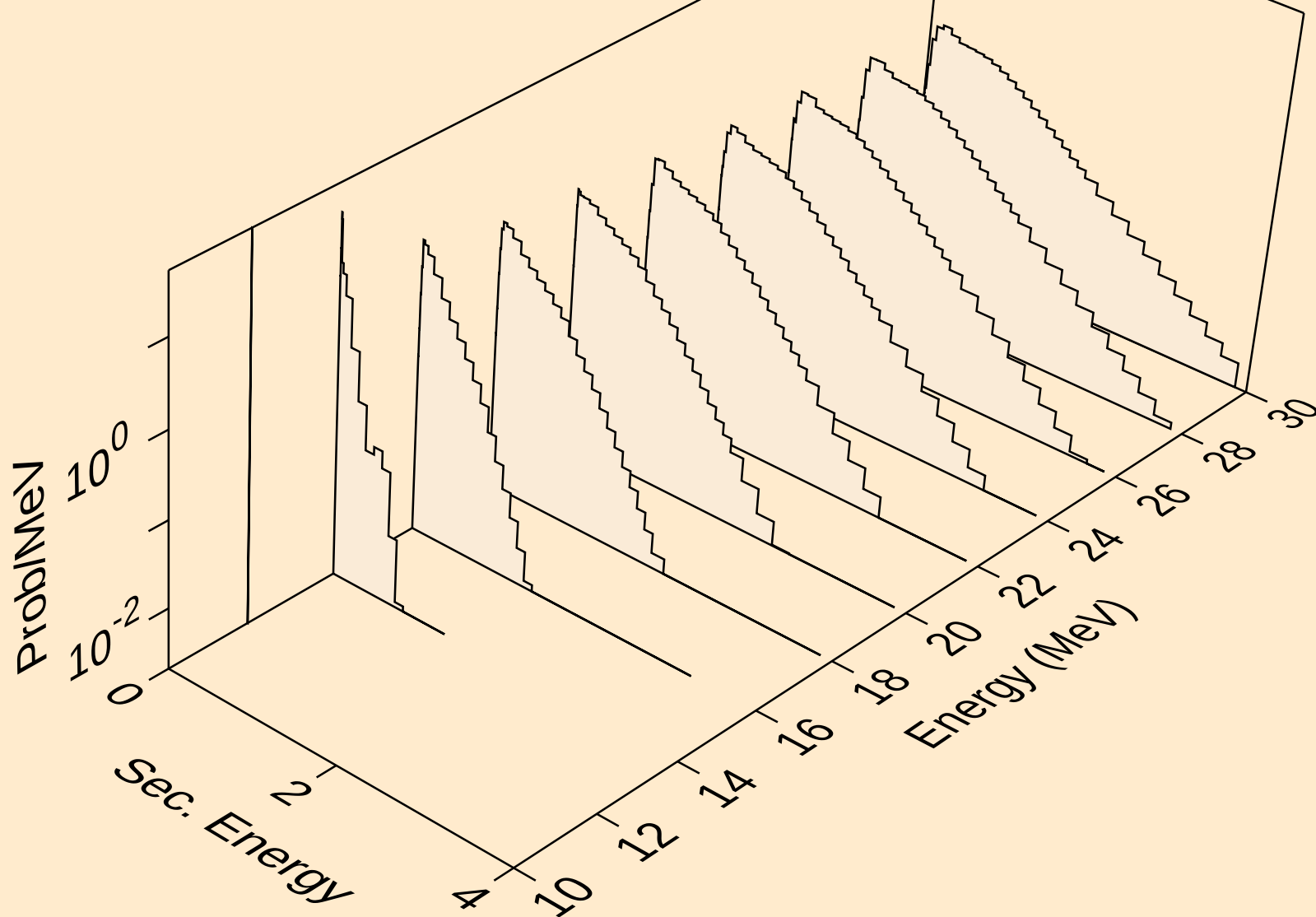
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neutrons from (a,2n)a



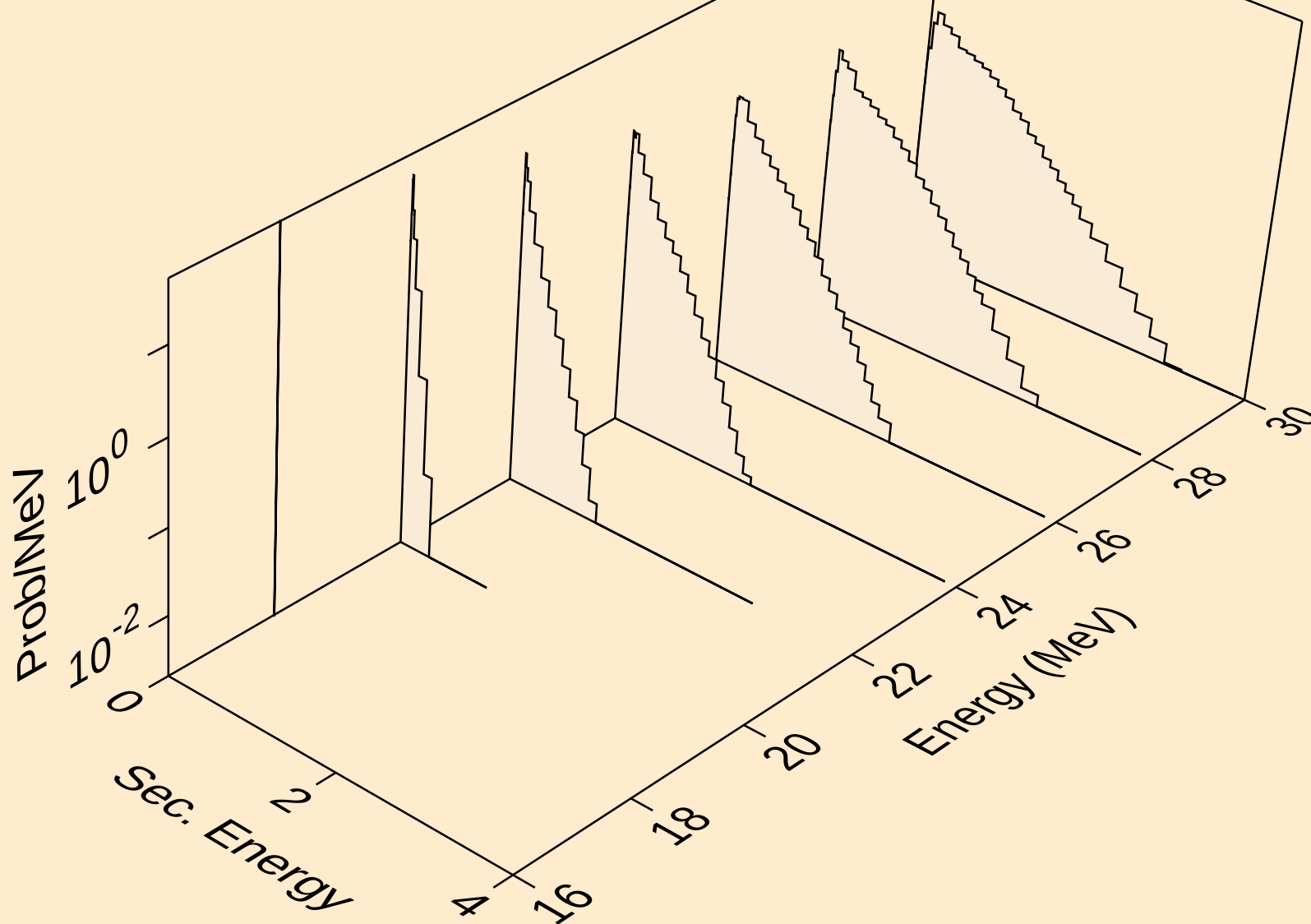
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neutrons from (a,3n)a



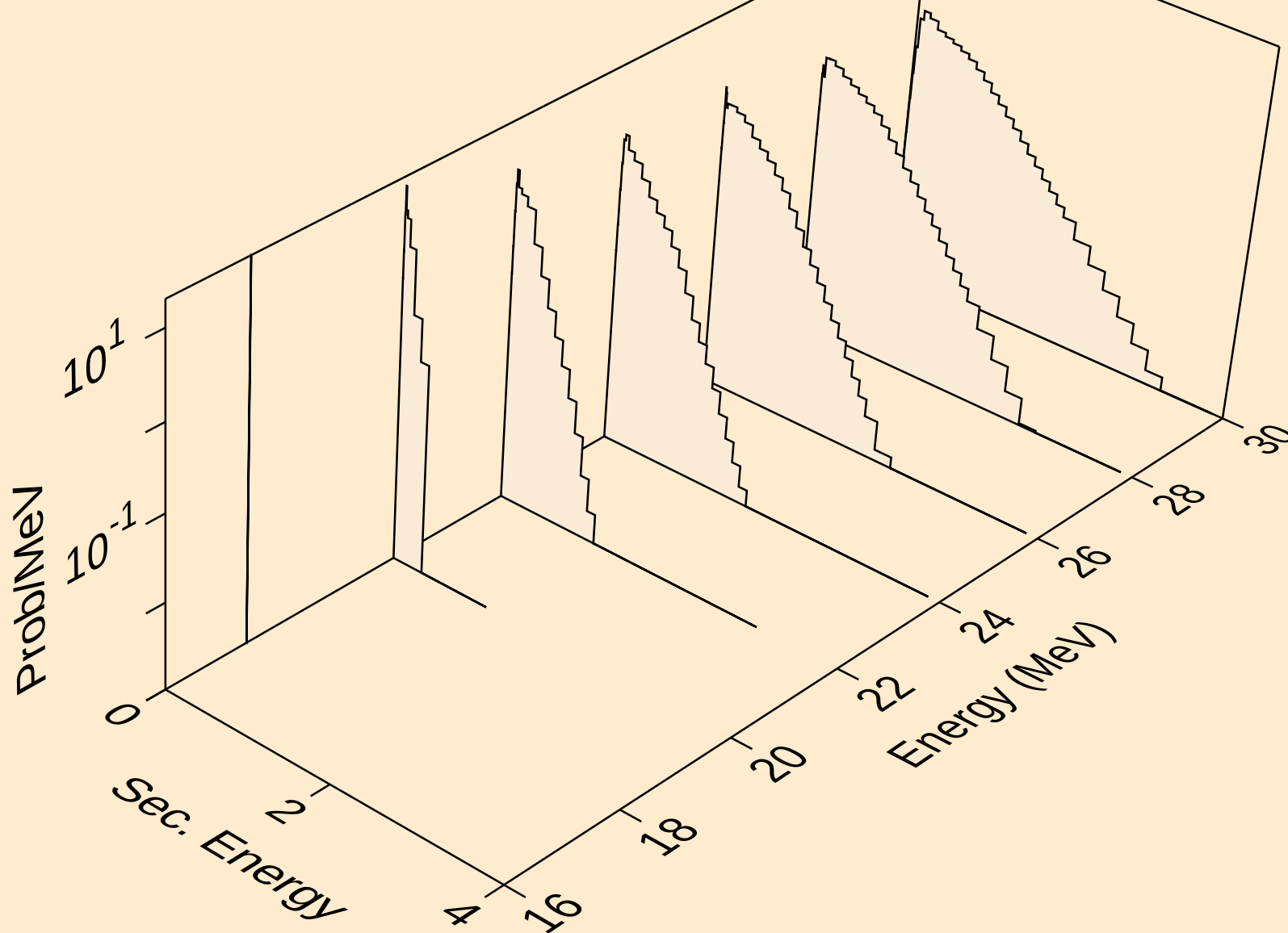
PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



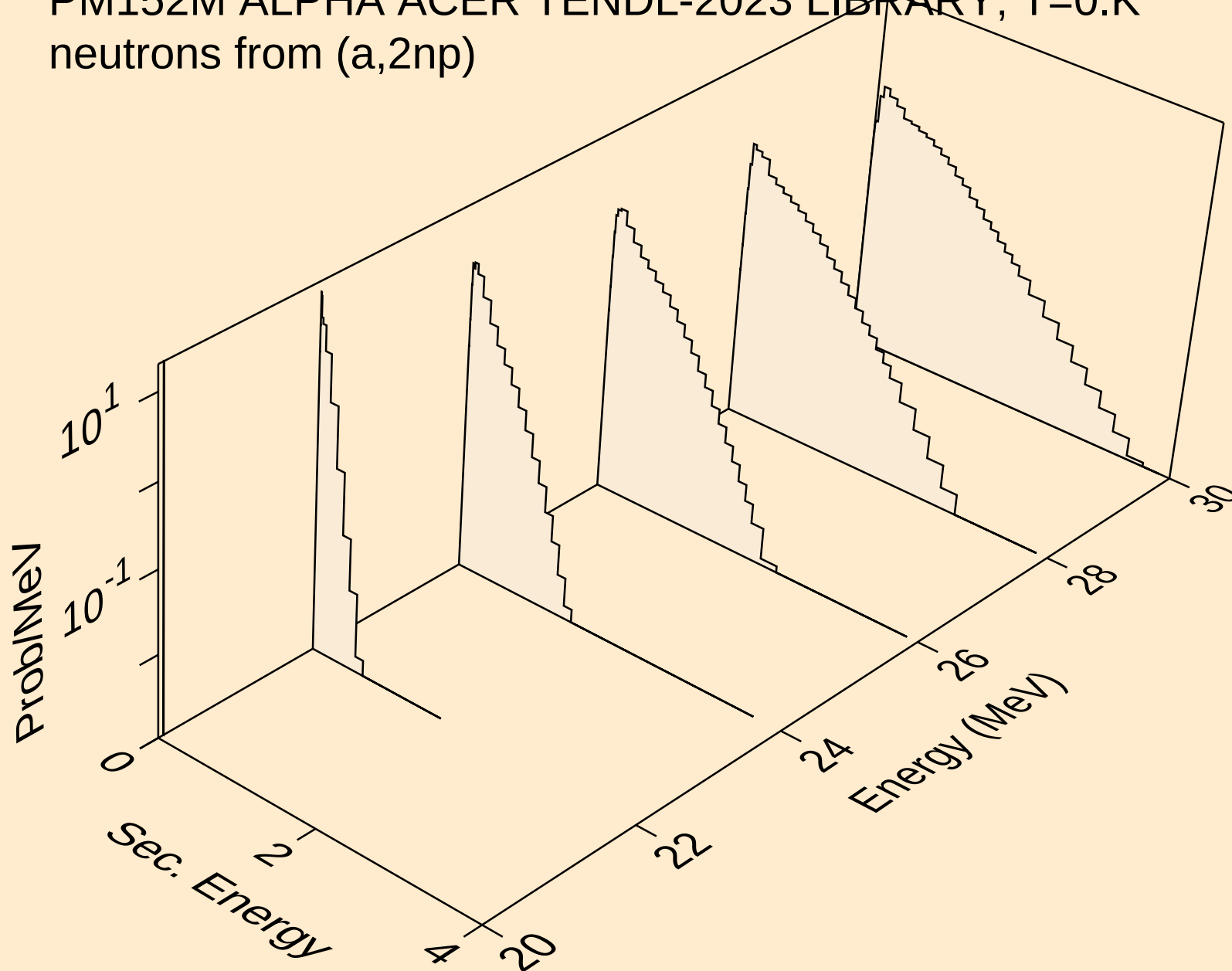
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neutrons from (a,n*)d



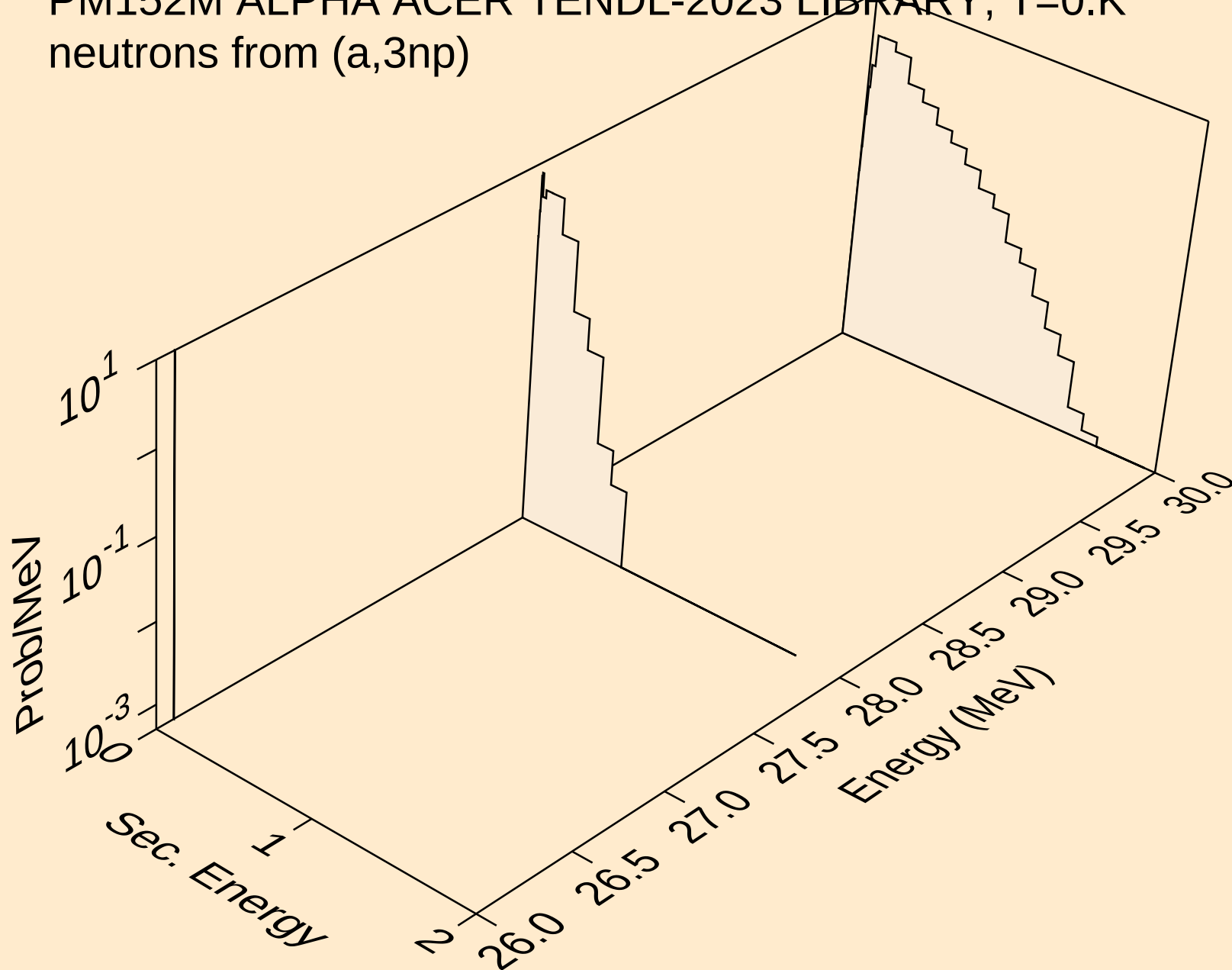
PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)t



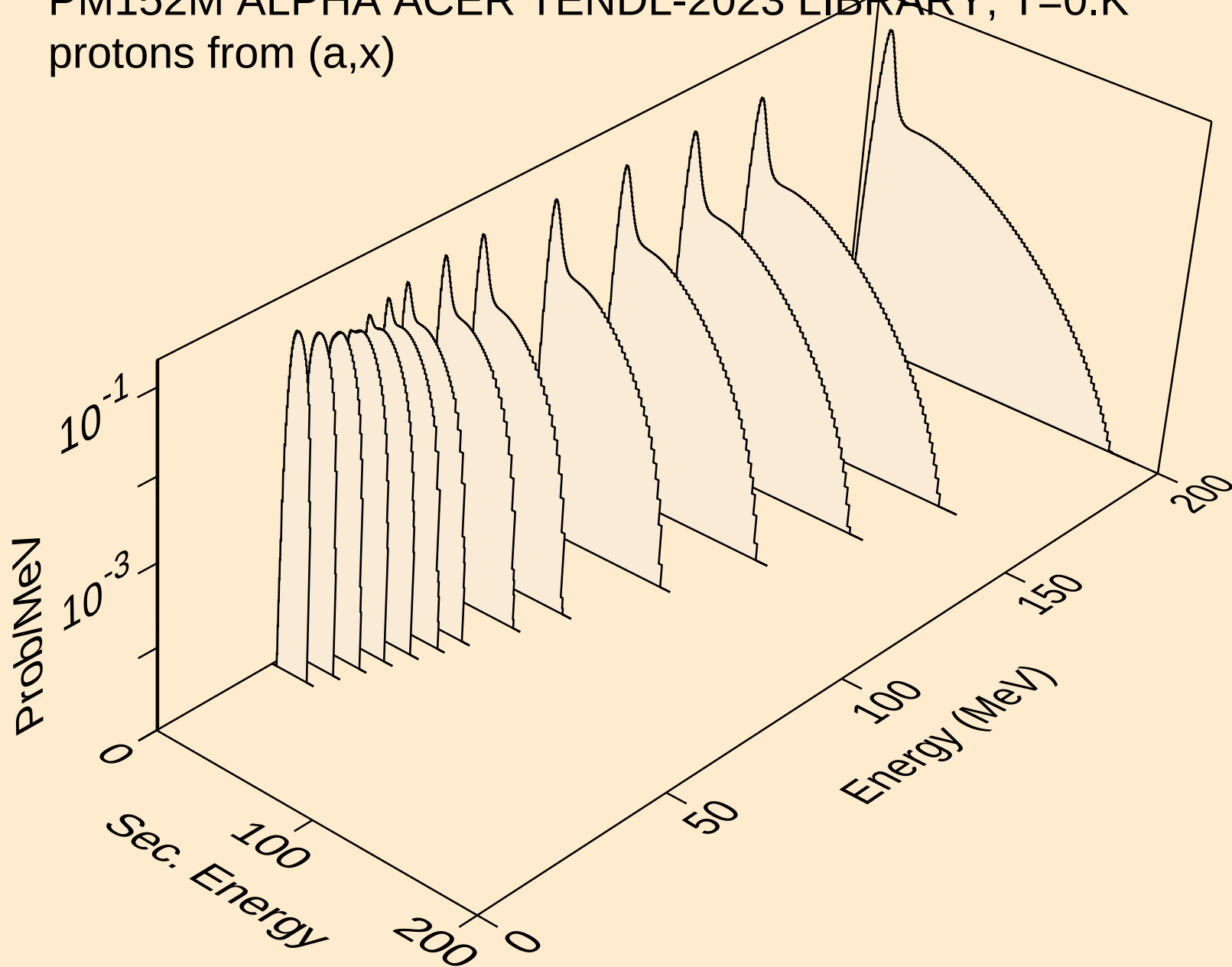
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neutrons from (a,2np)



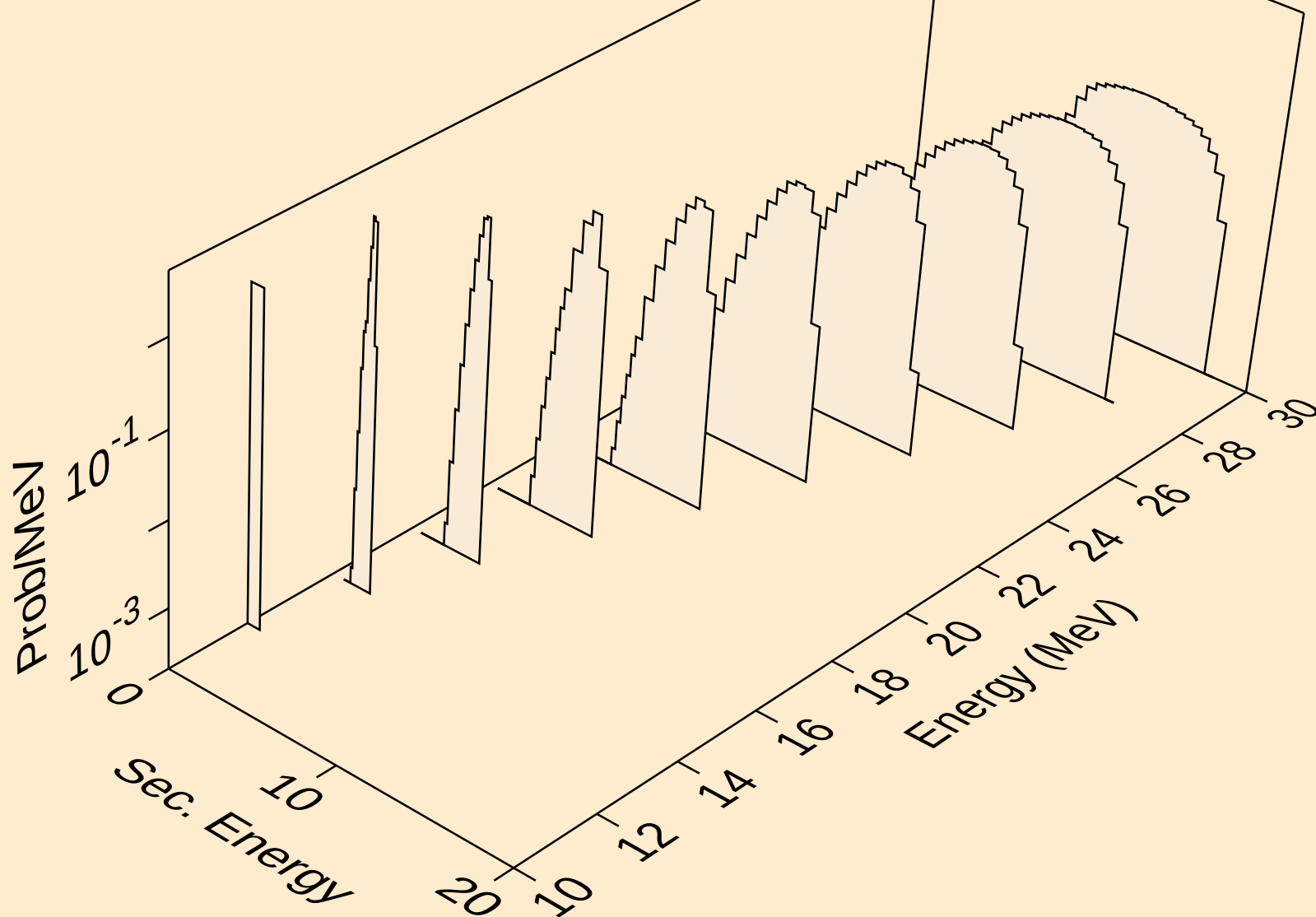
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neutrons from (a,3np)



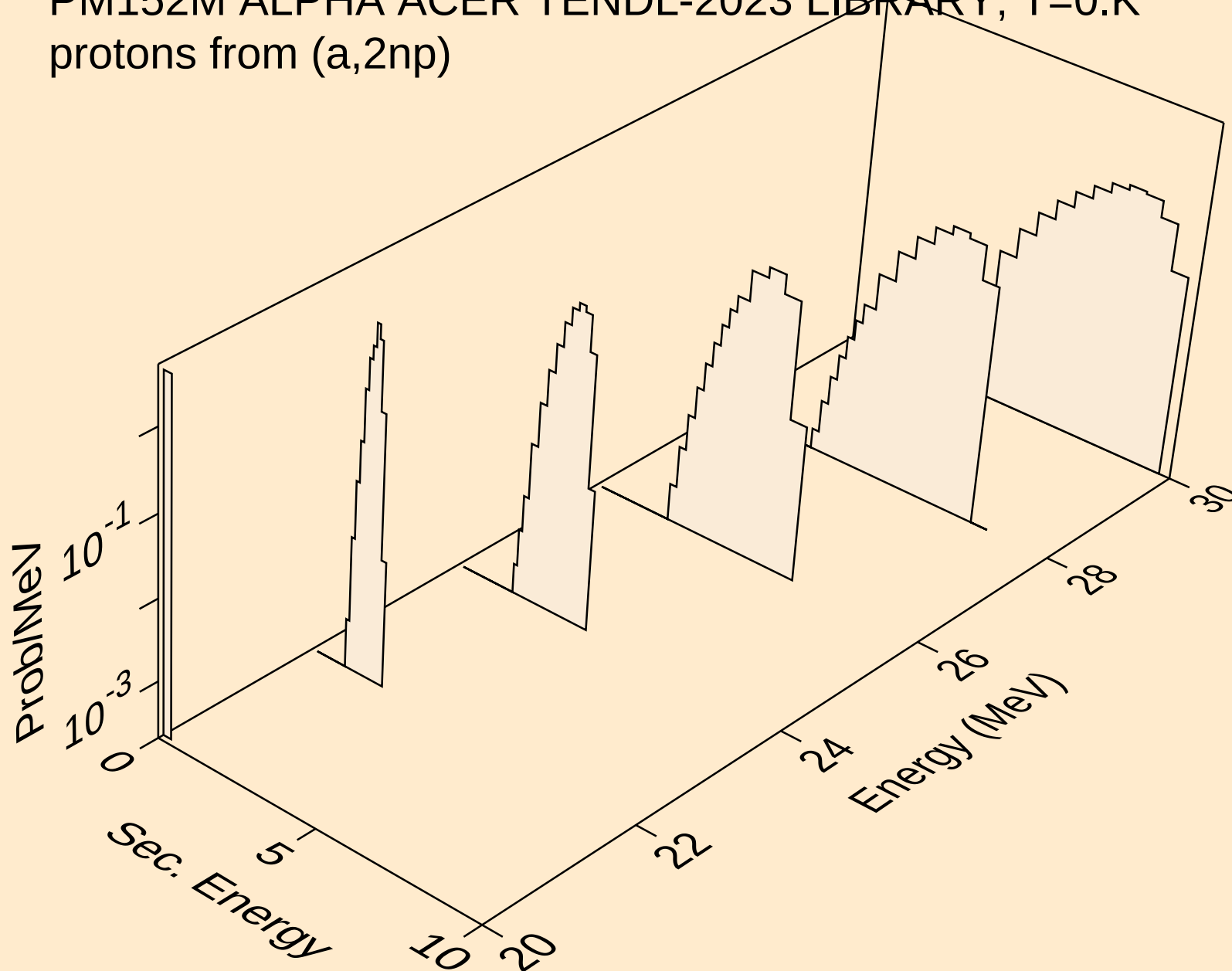
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protons from (a,x)



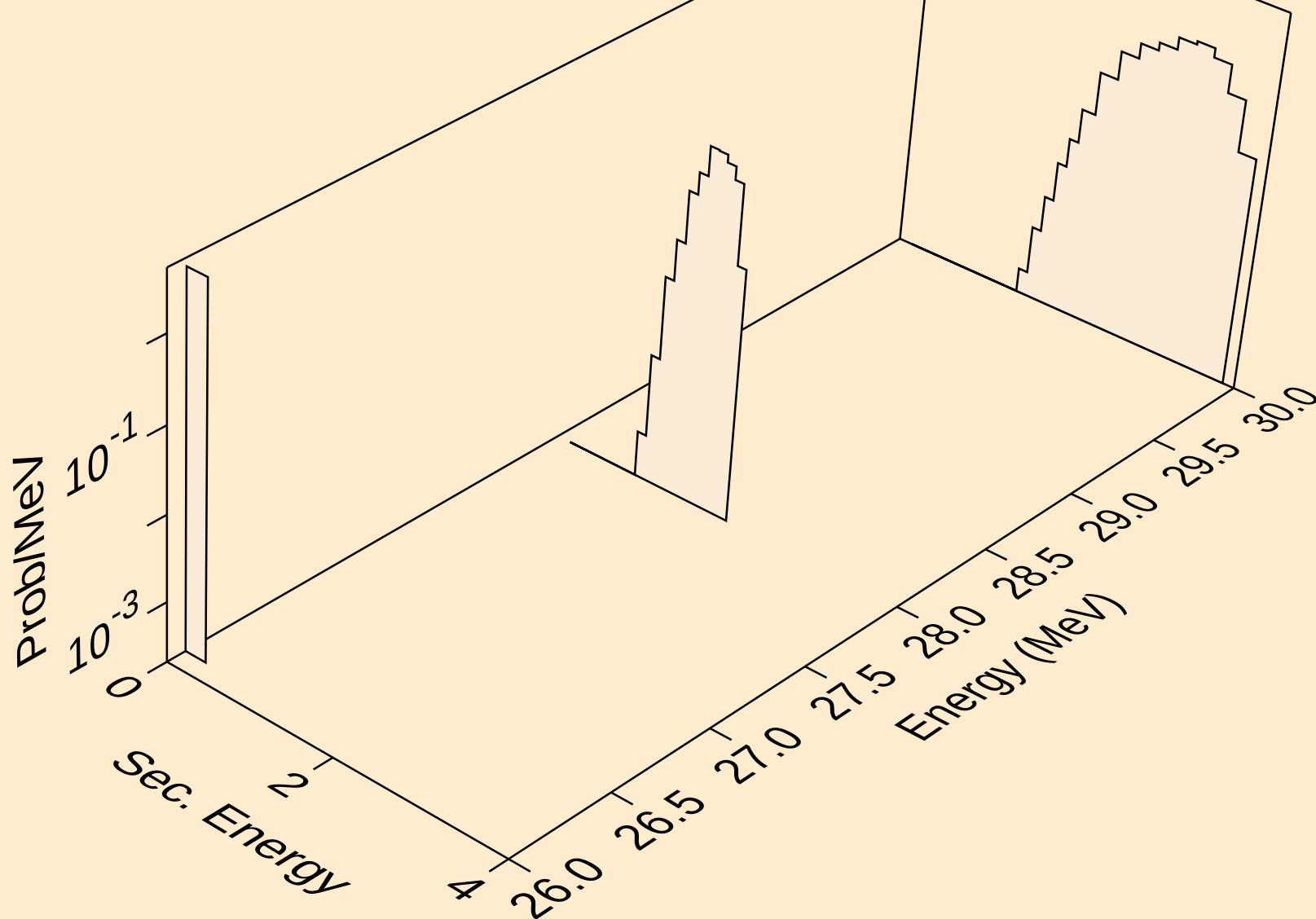
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protons from (a,n*)p



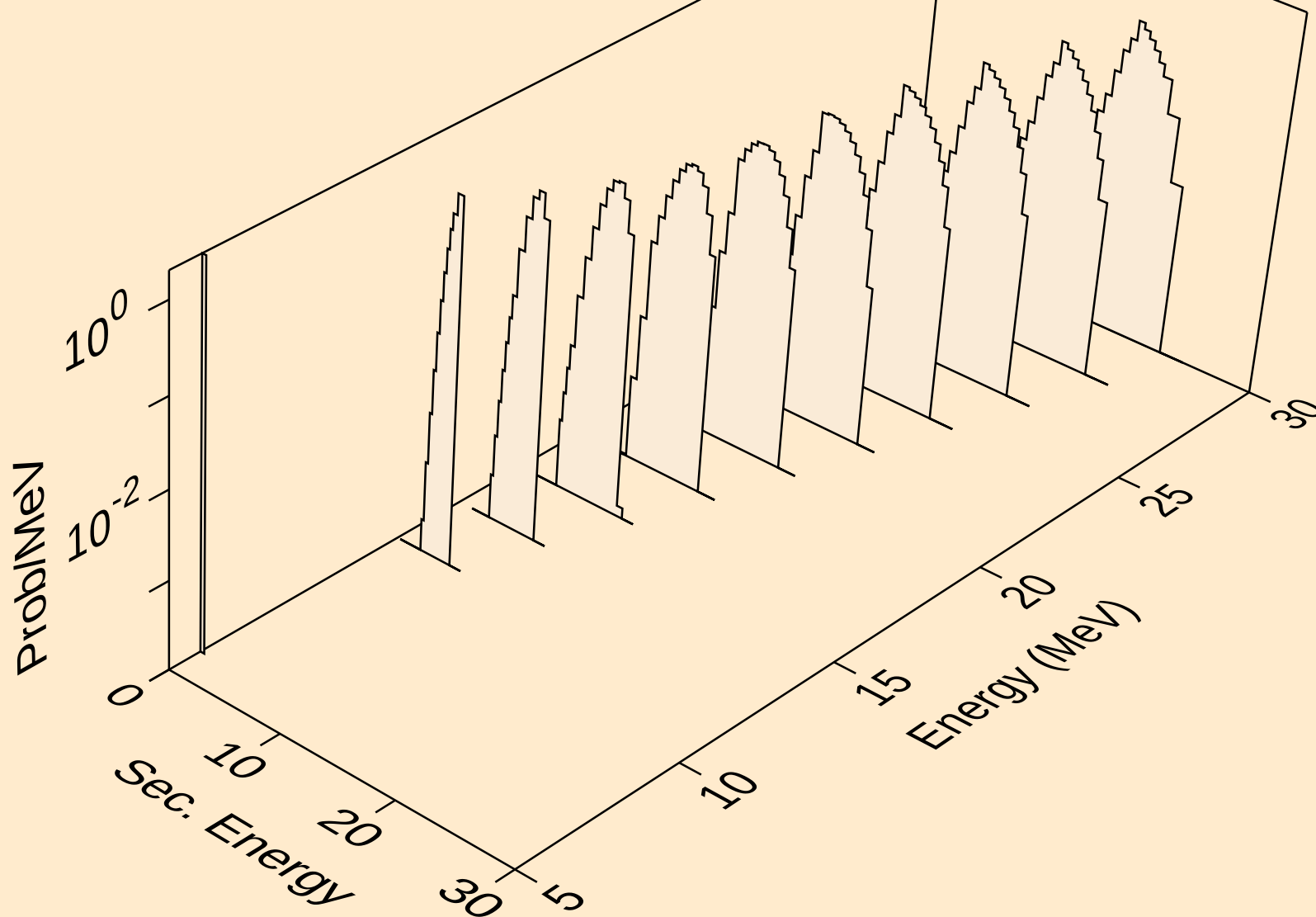
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protons from (a,2np)



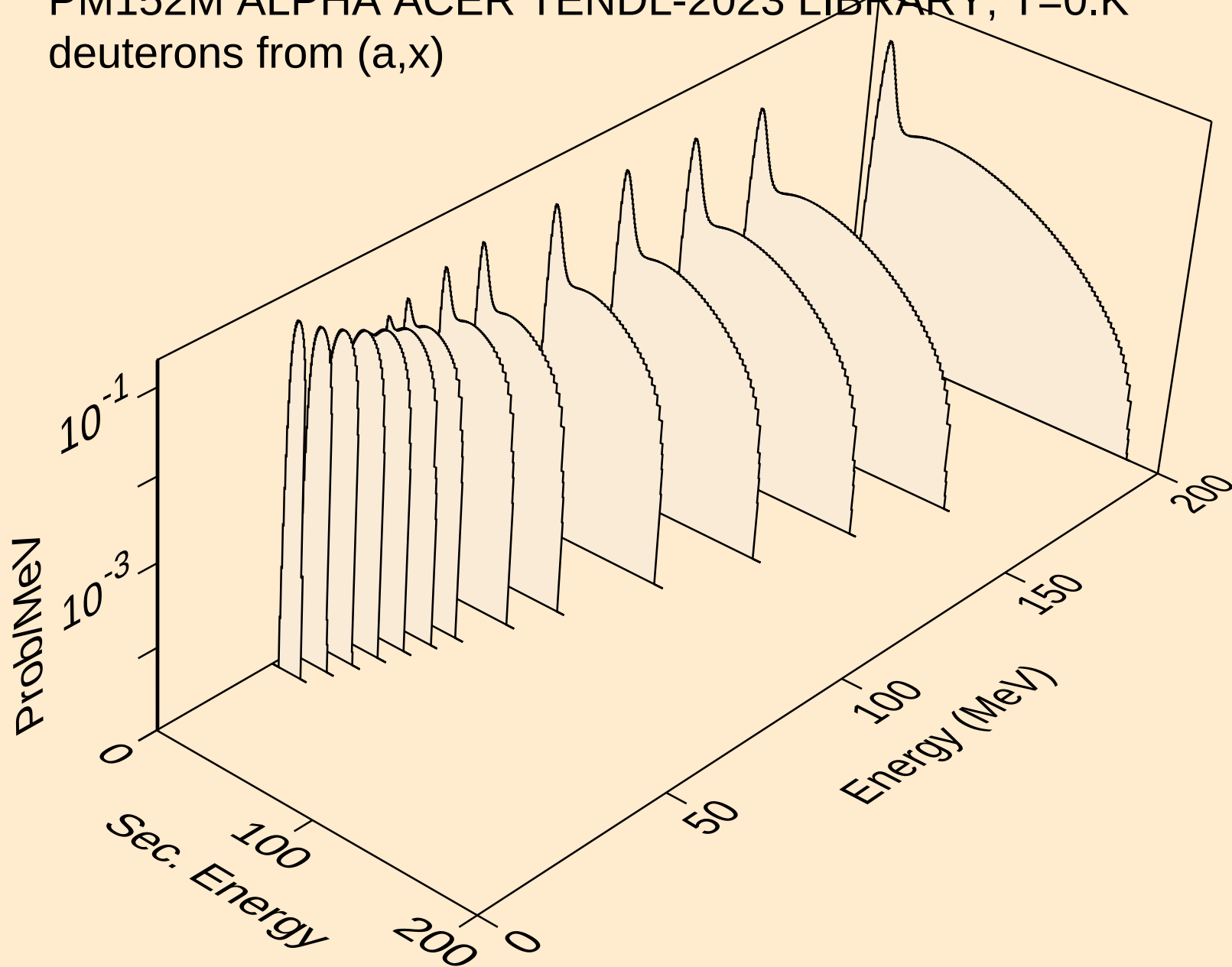
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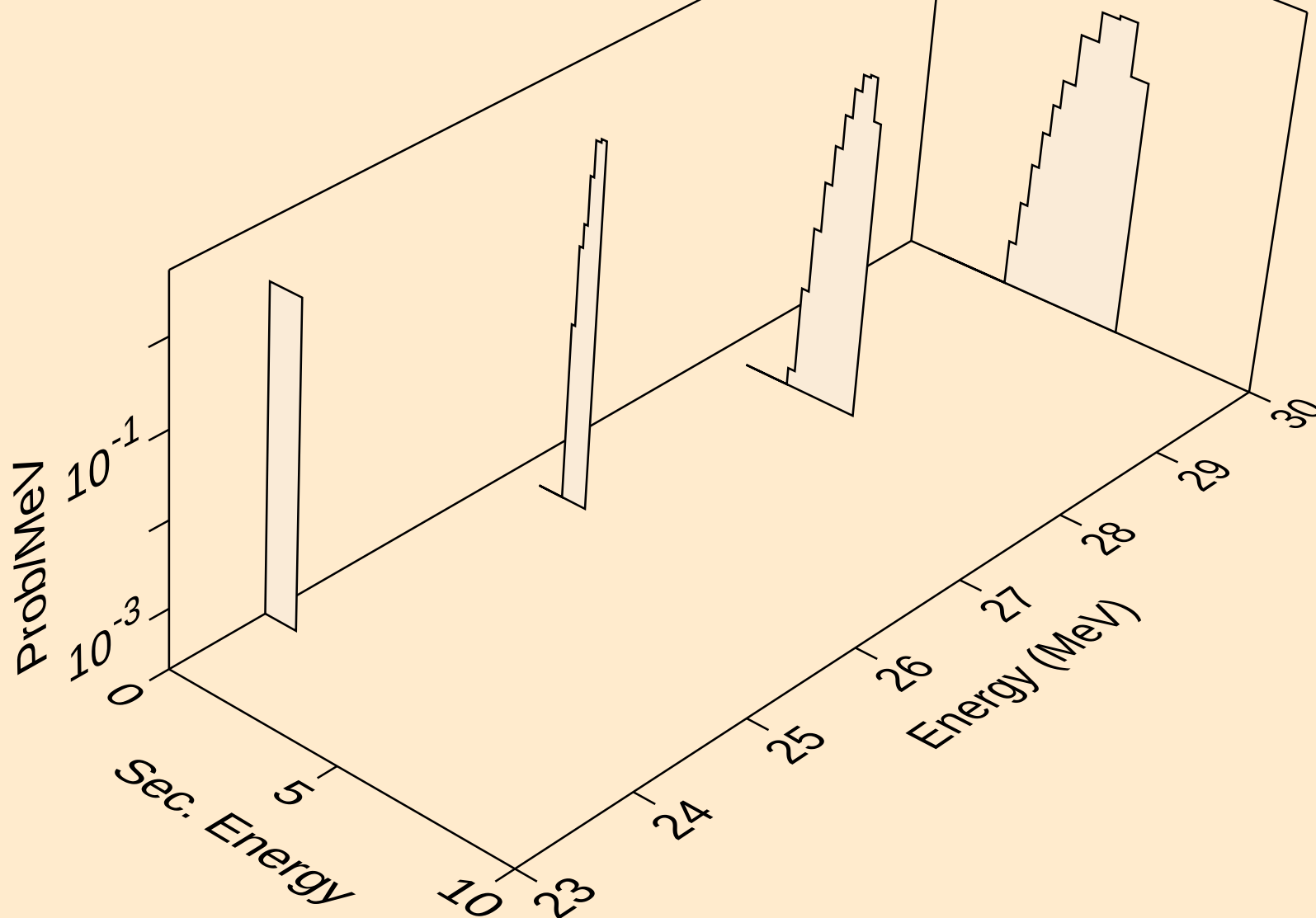
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protons from (a,p)



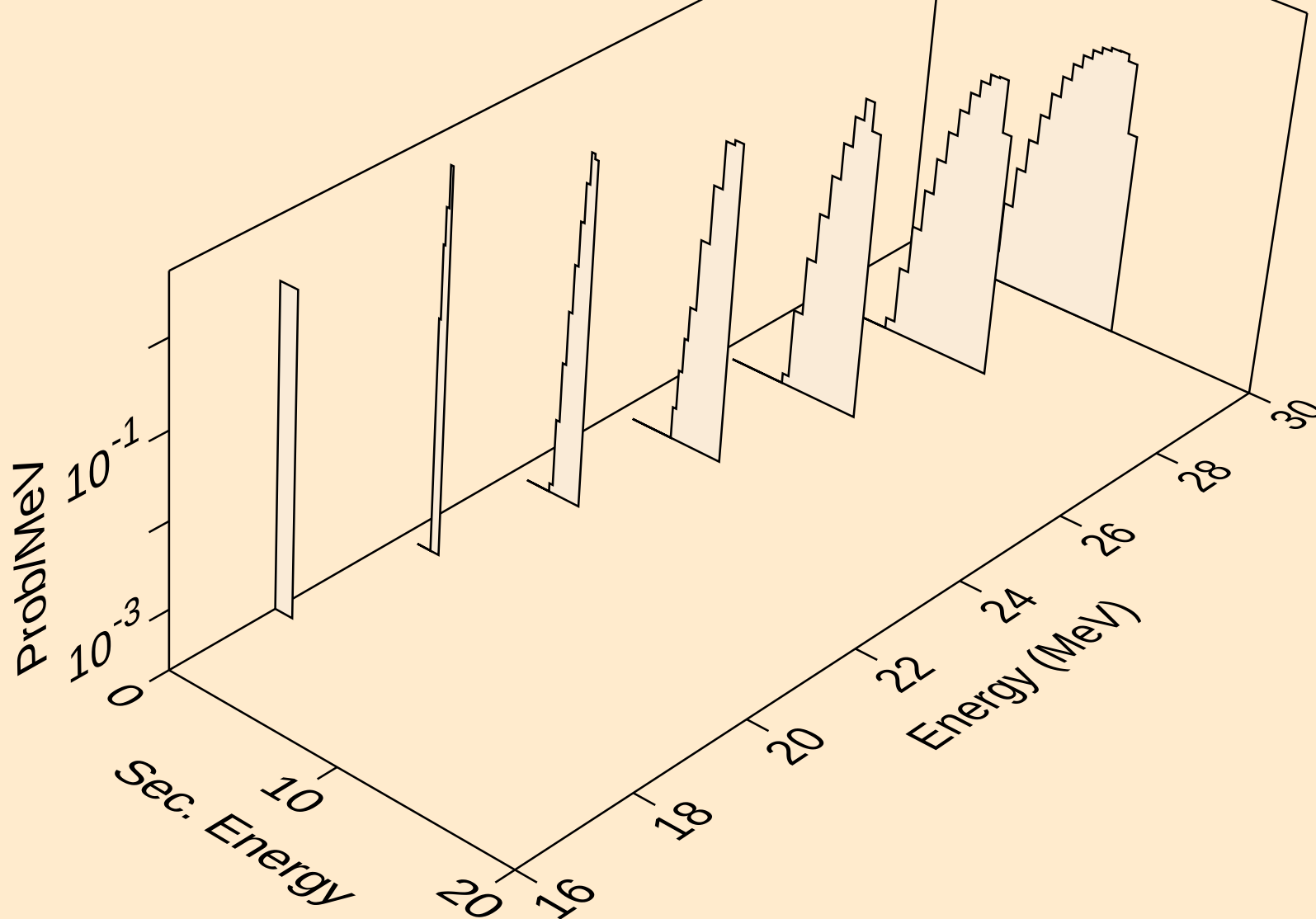
PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



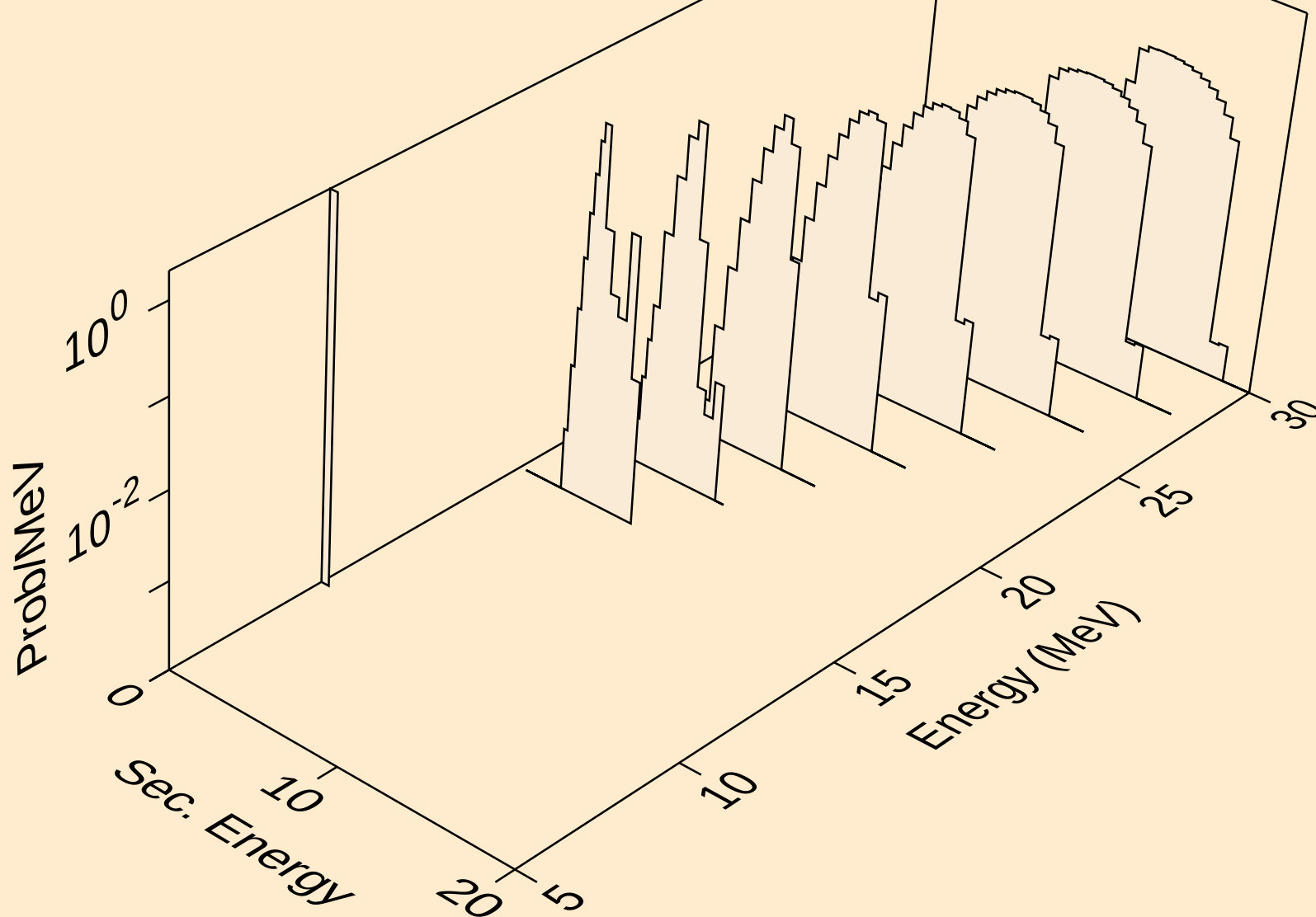
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deuterons from (a,2nd)



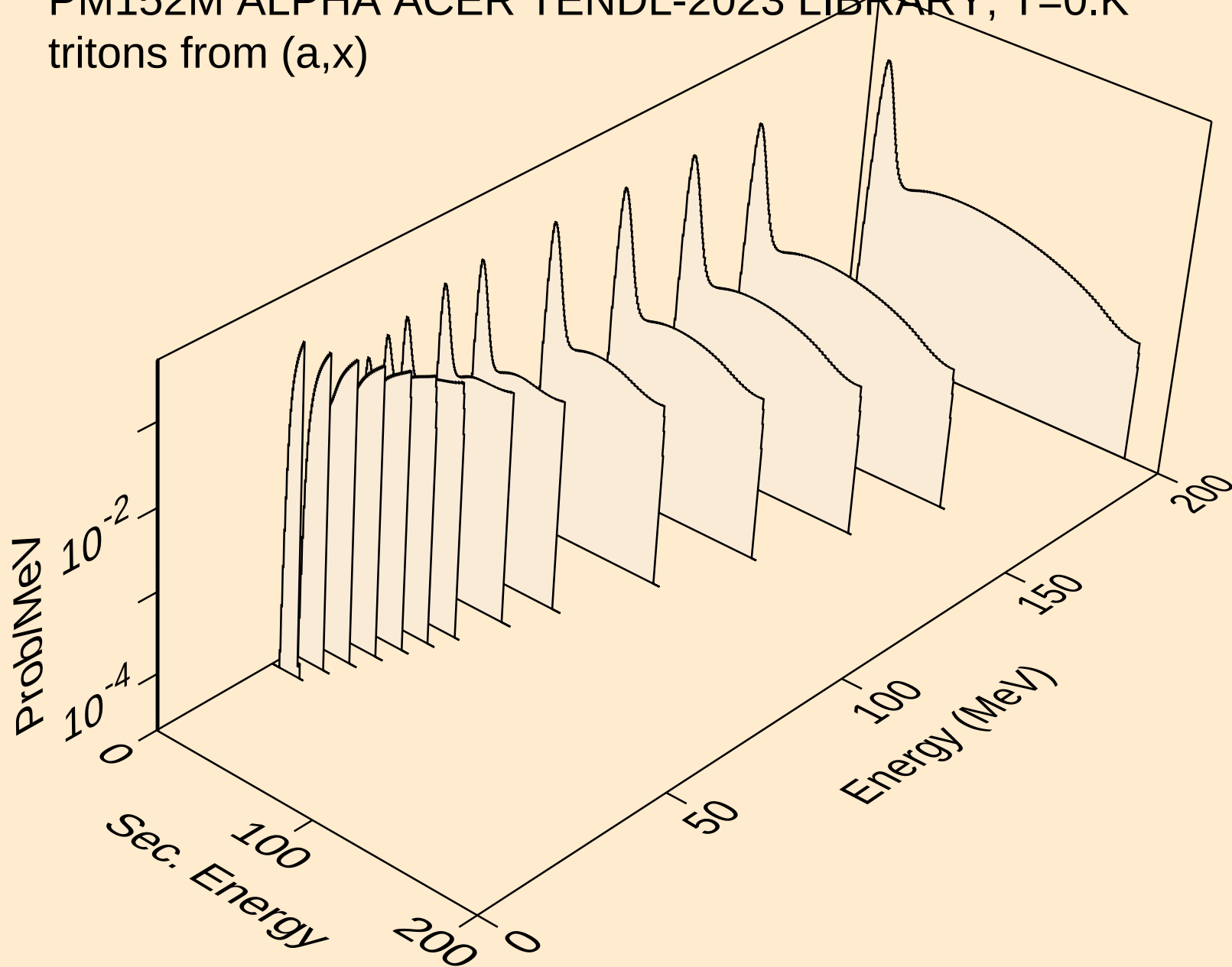
PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,n*)d



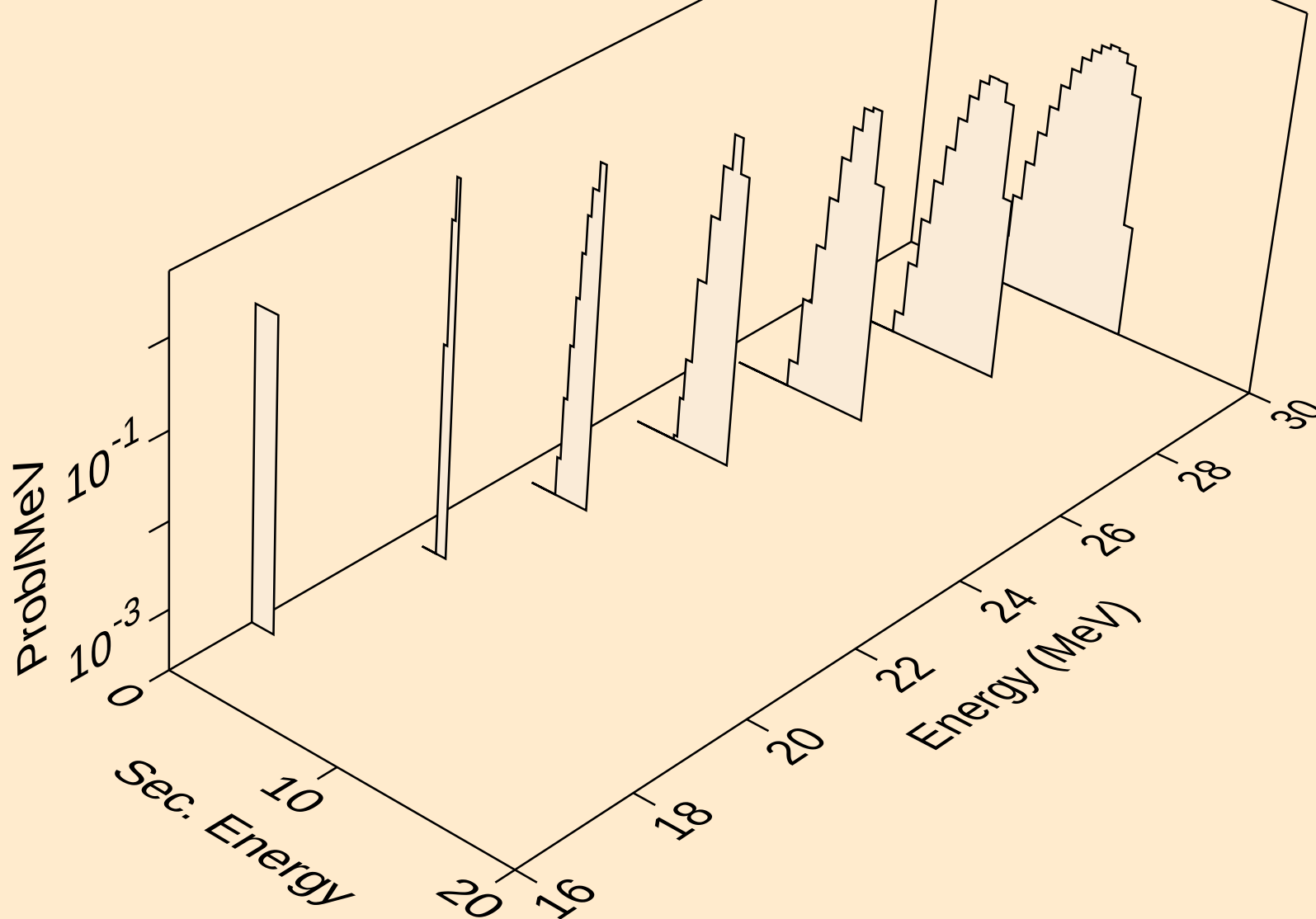
PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



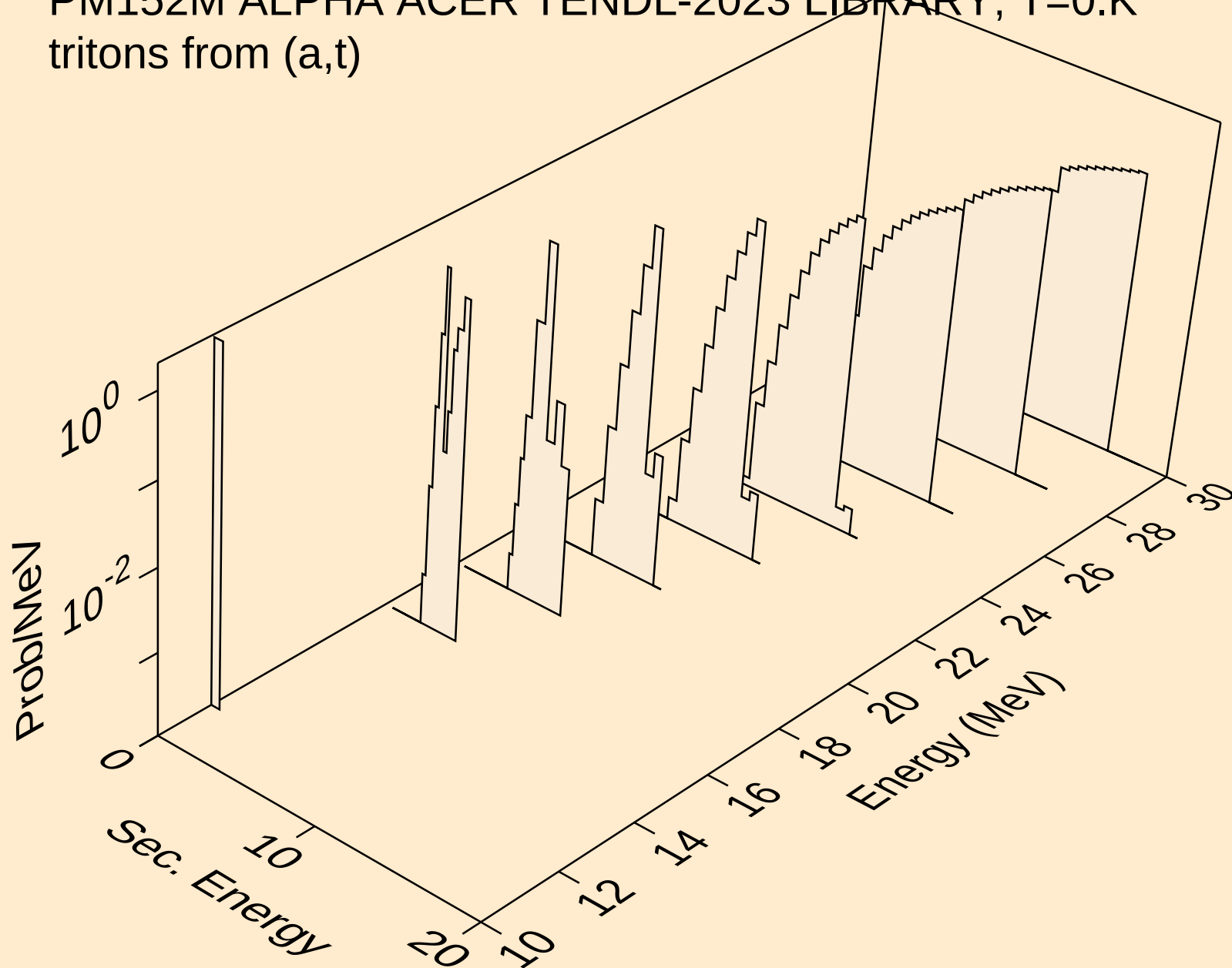
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tritons from (a,x)



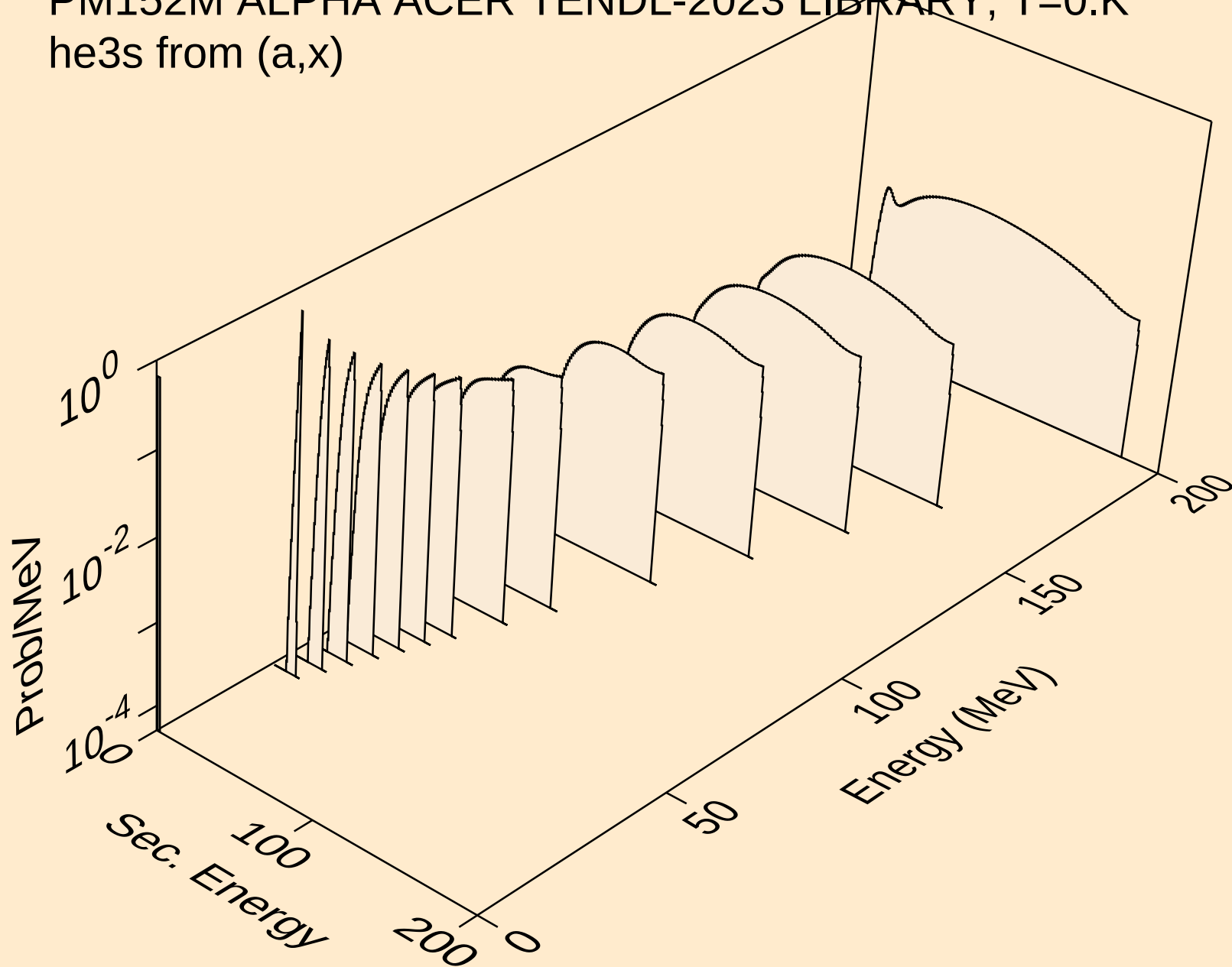
PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,n*)t



PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



PM152M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

