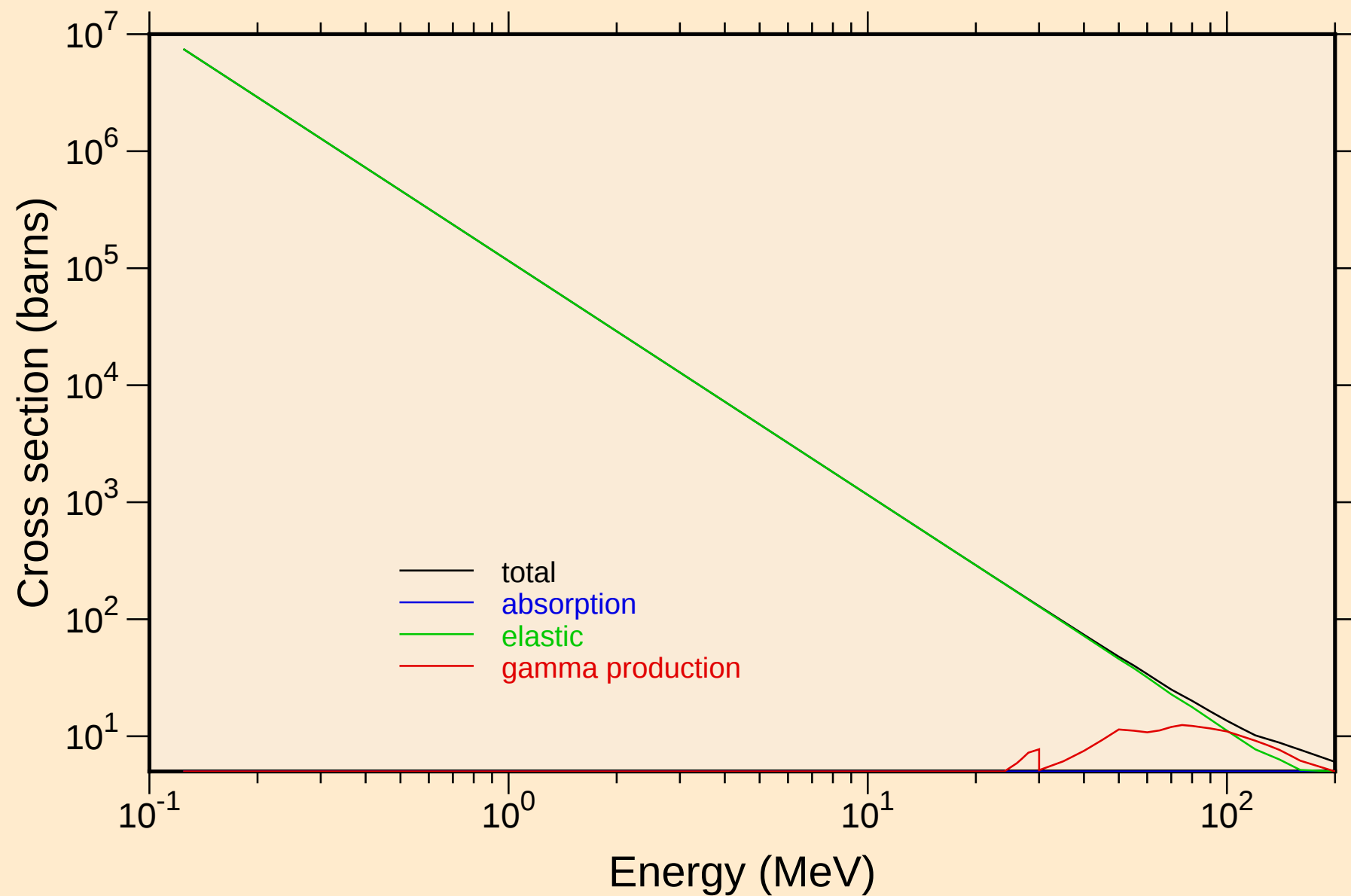


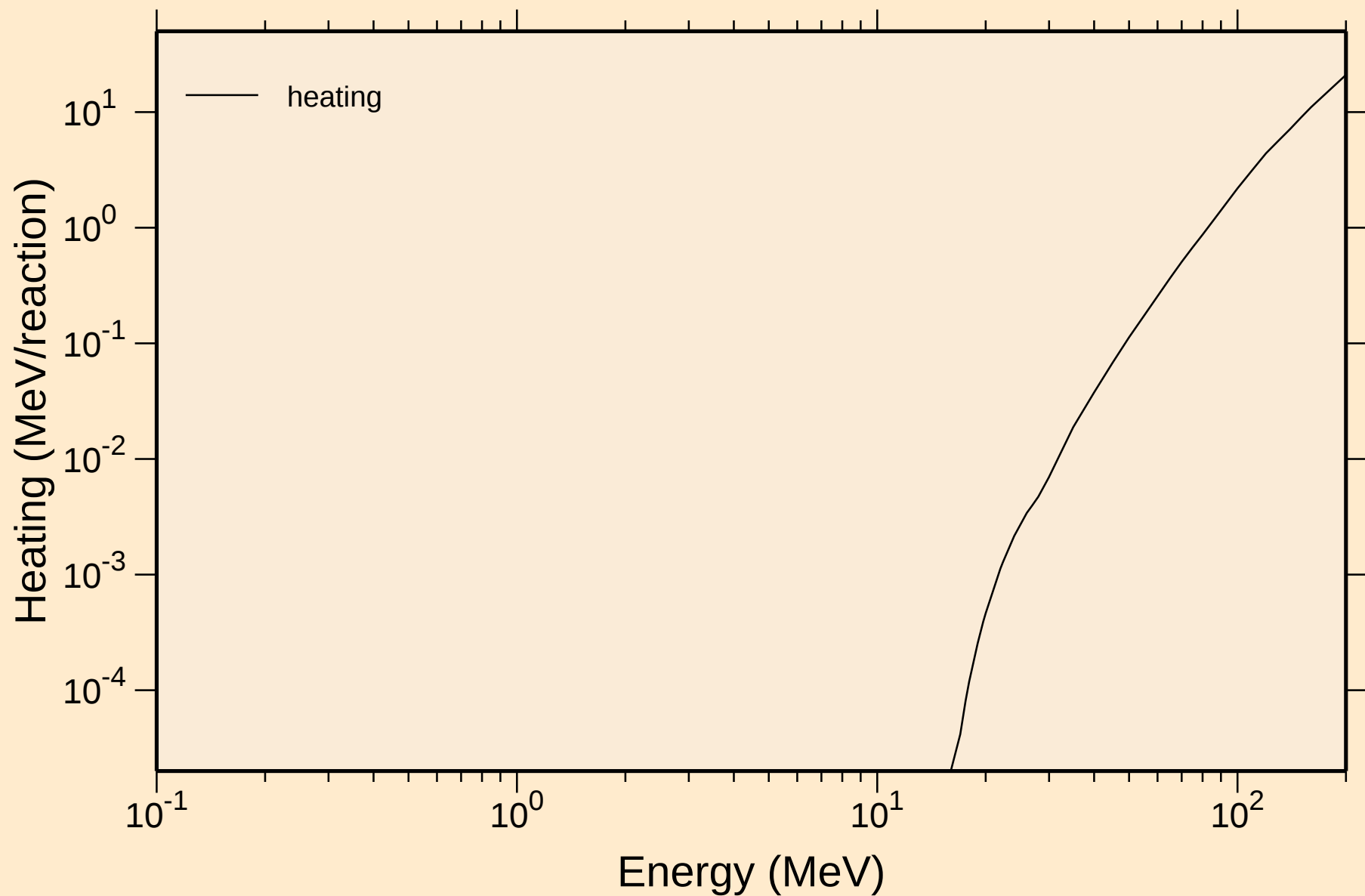
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



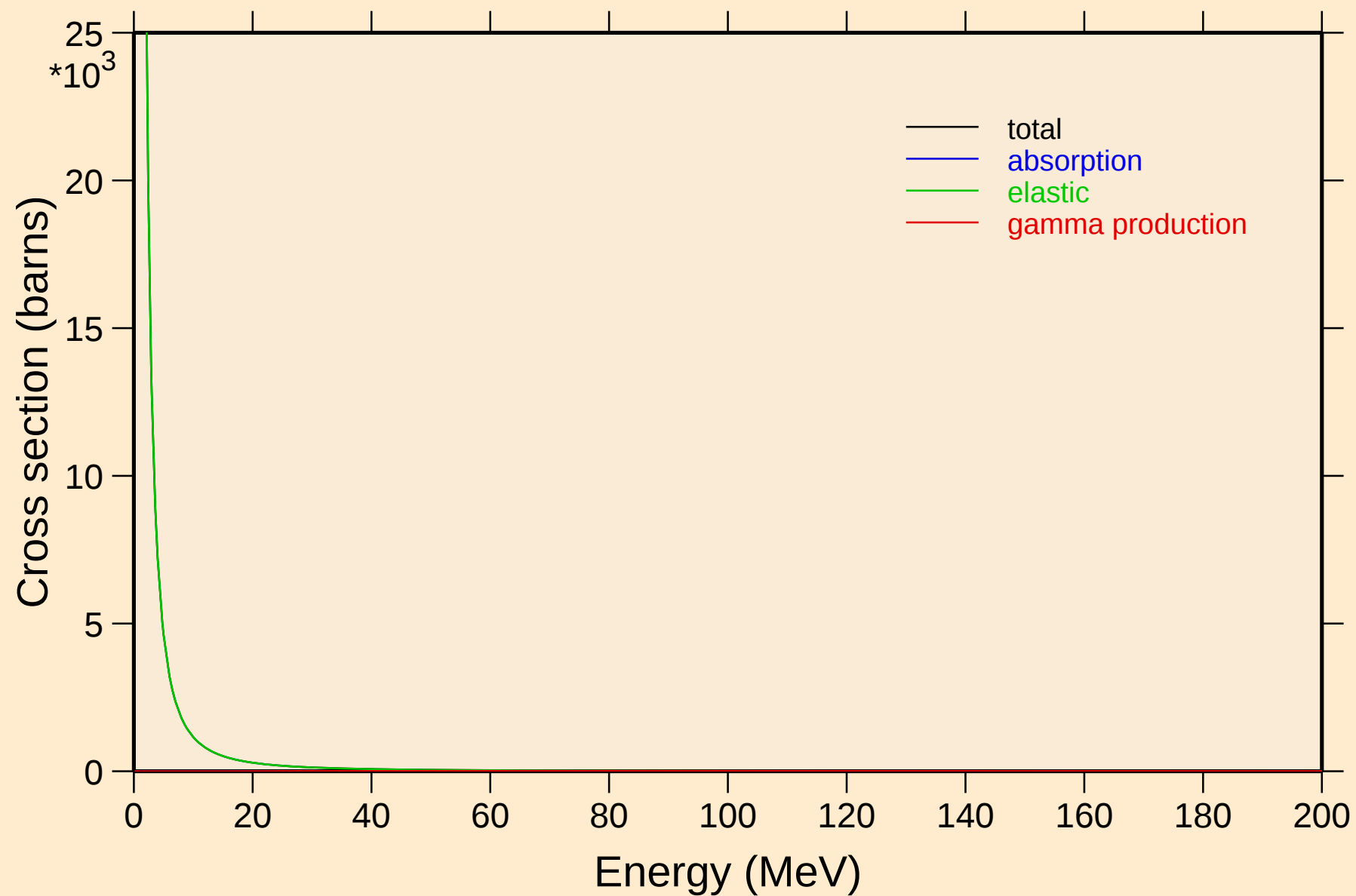
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



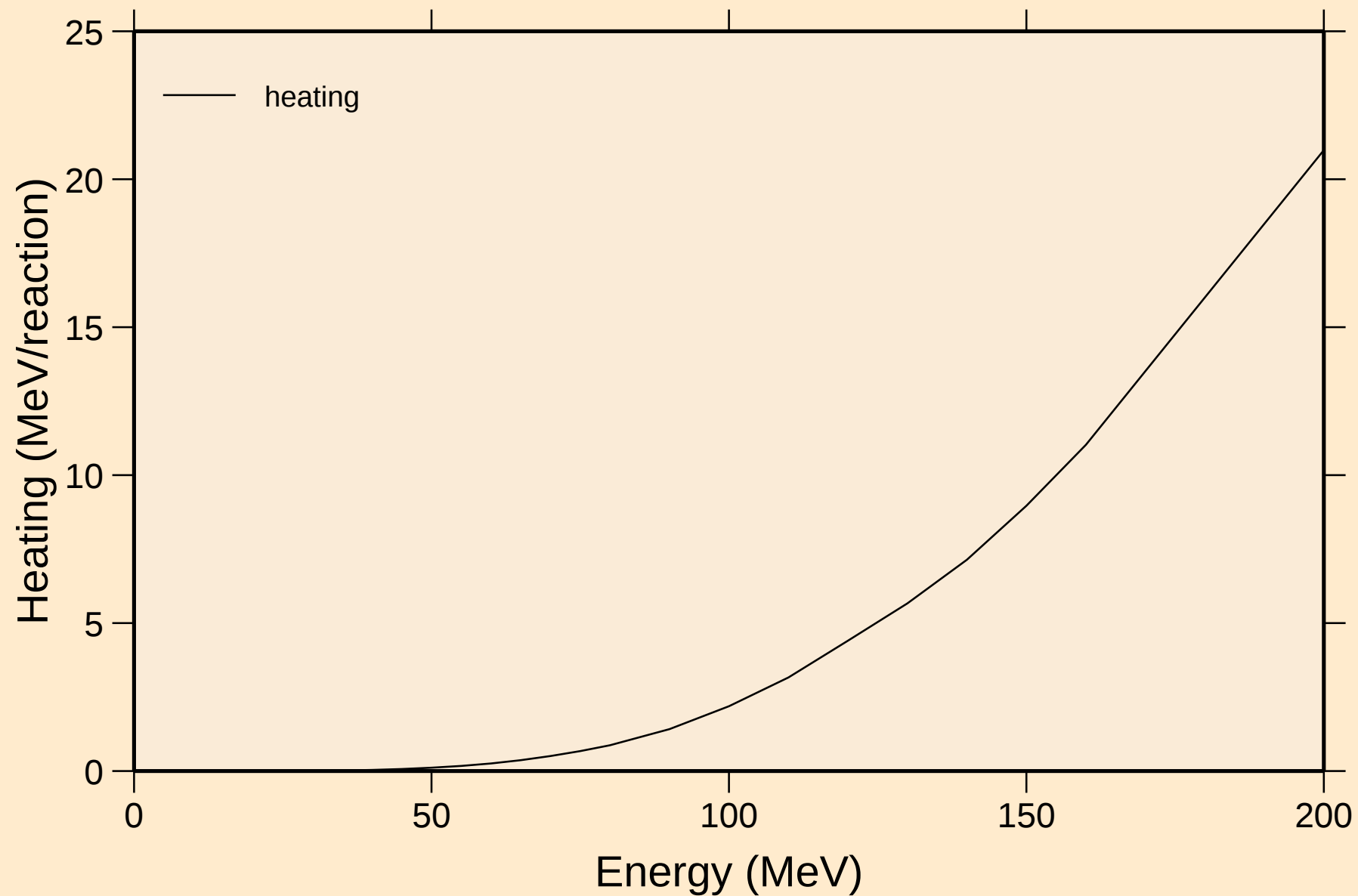
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



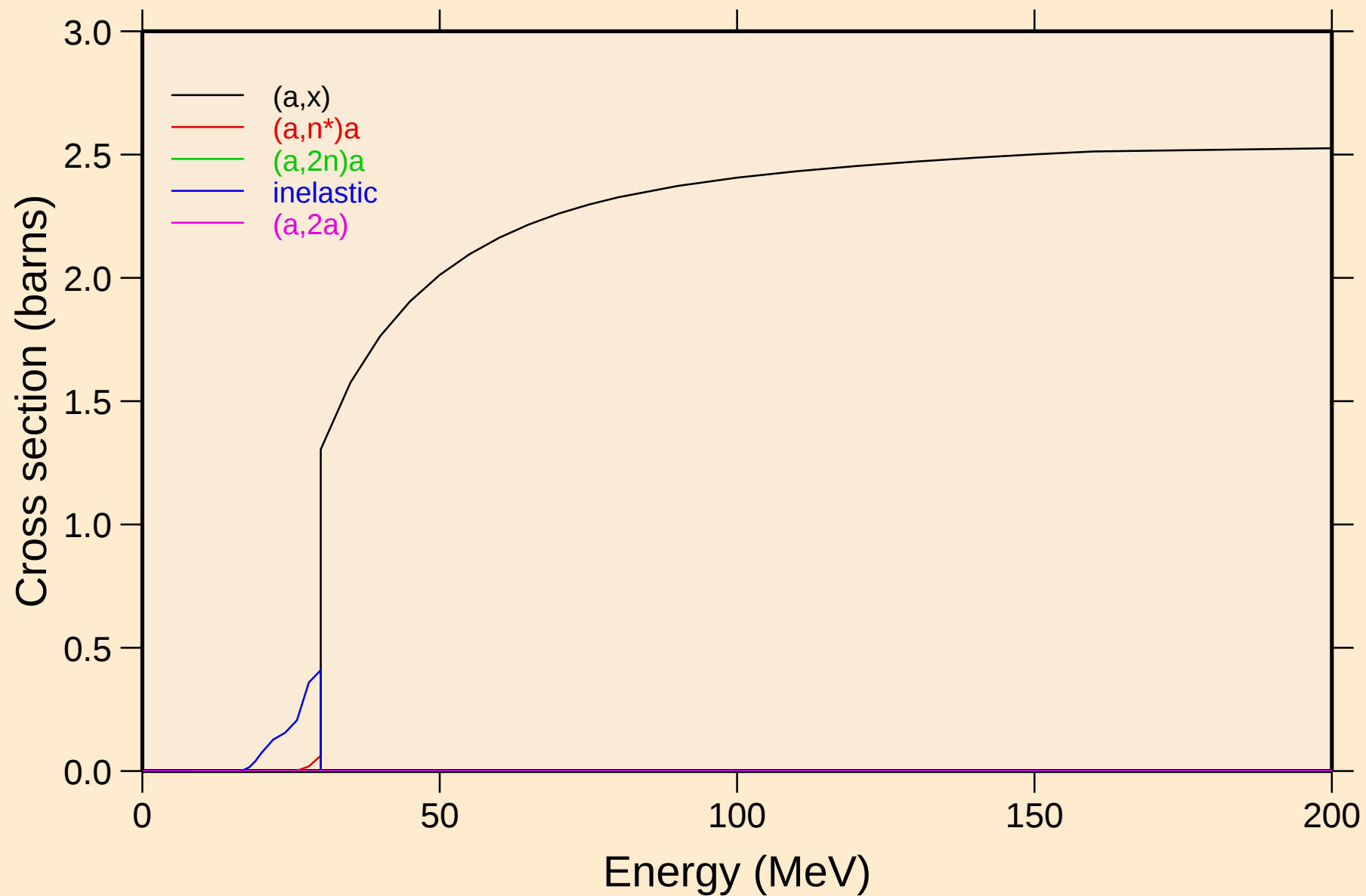
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



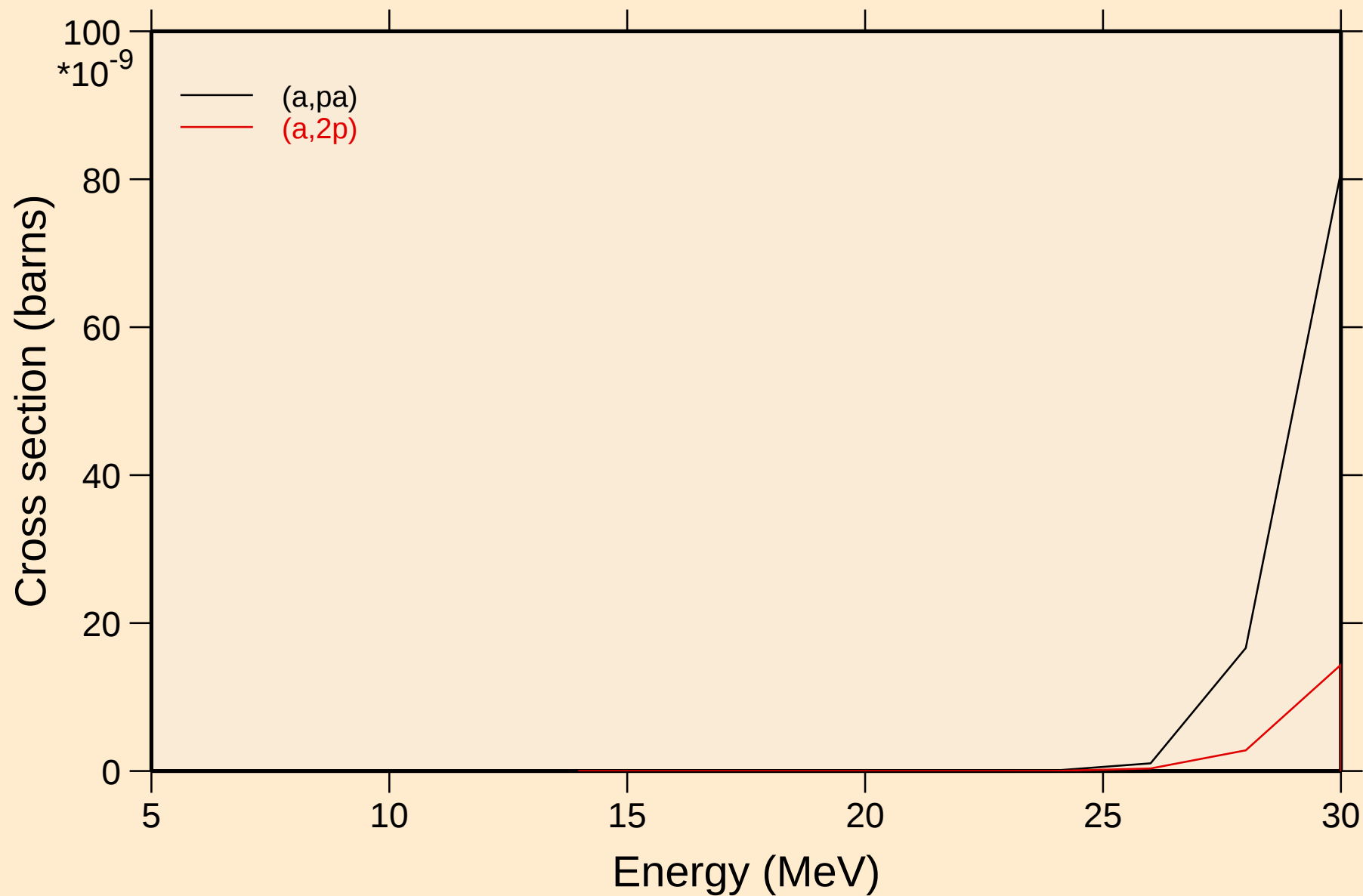
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Threshold reactions



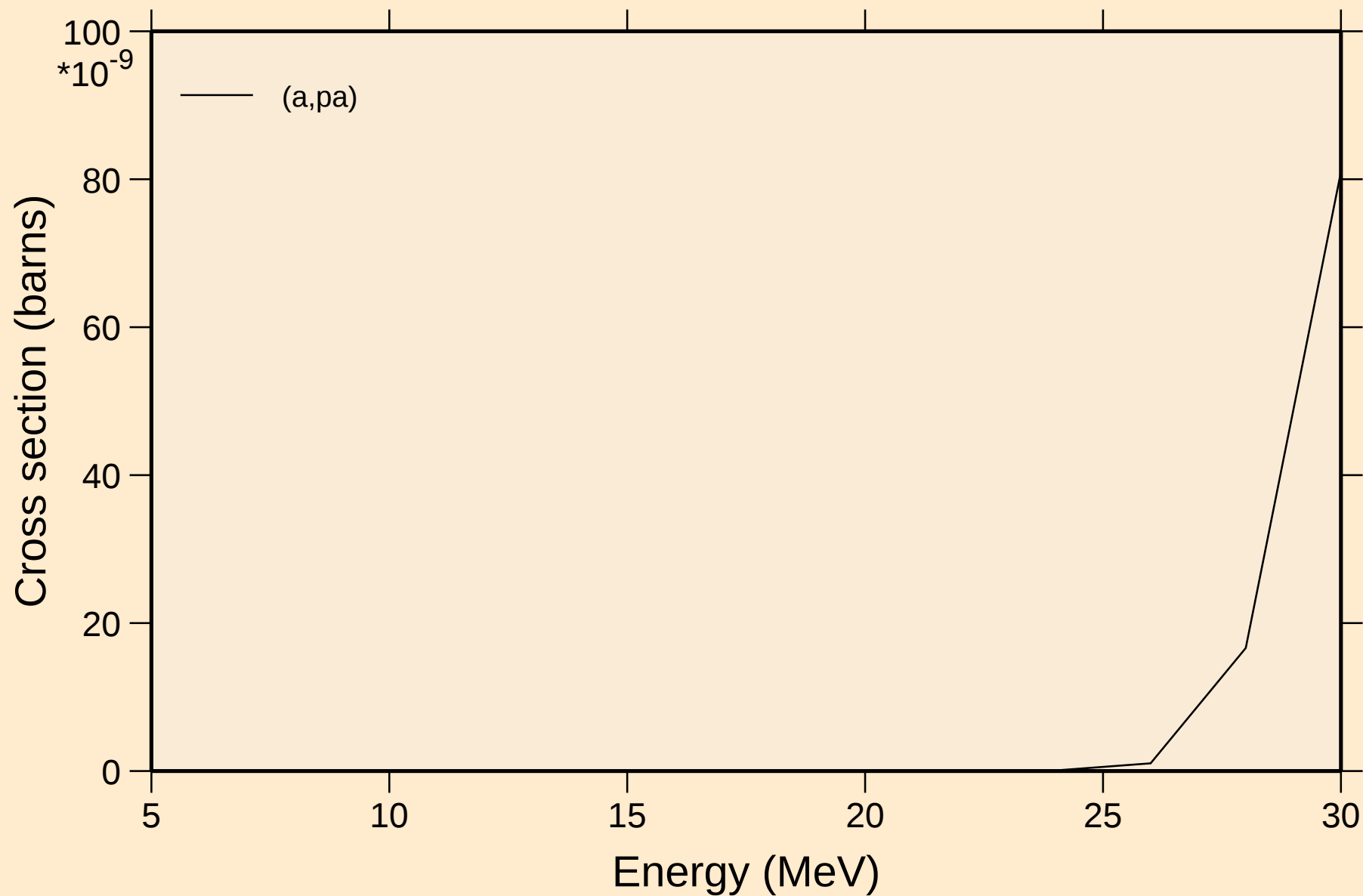
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

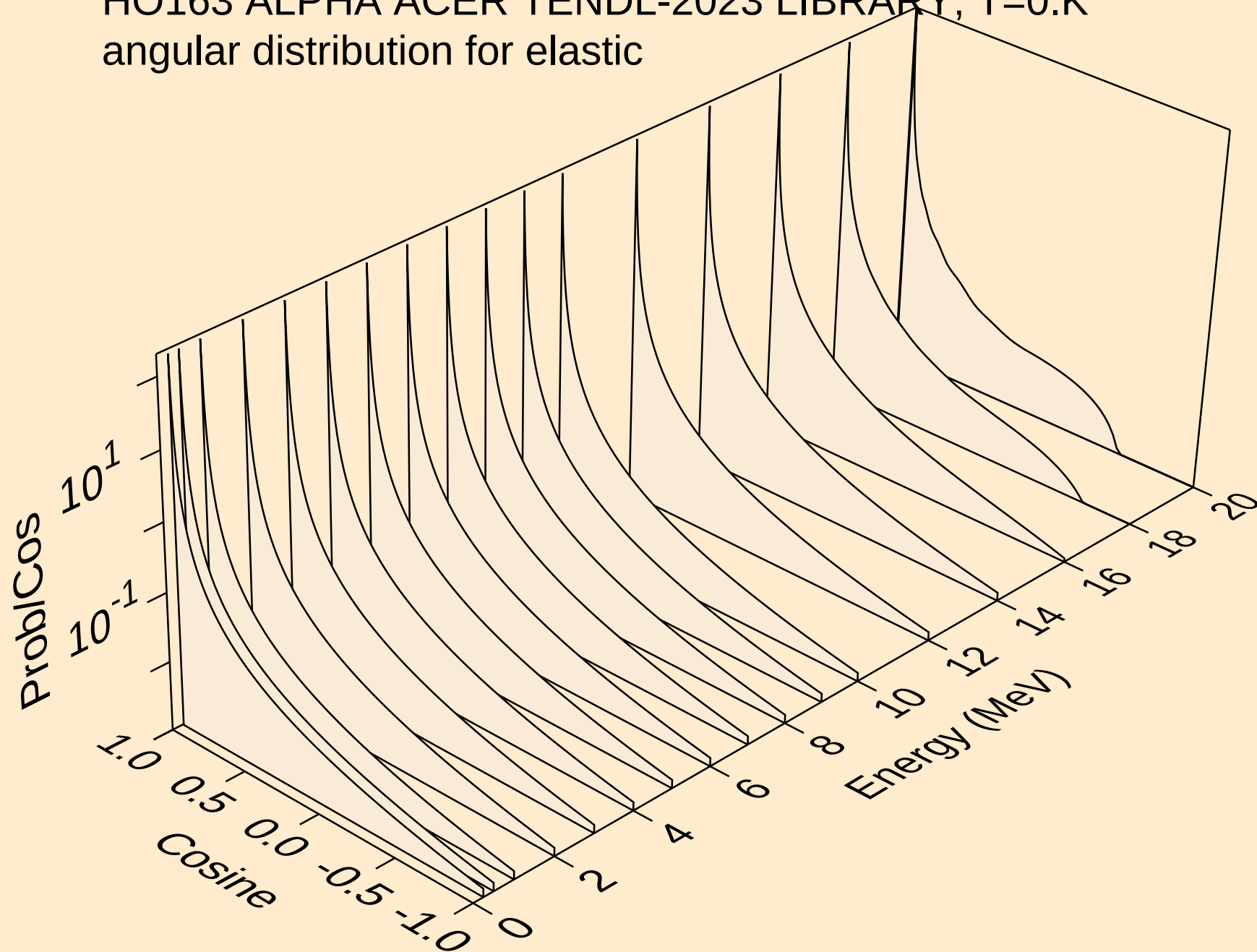


HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

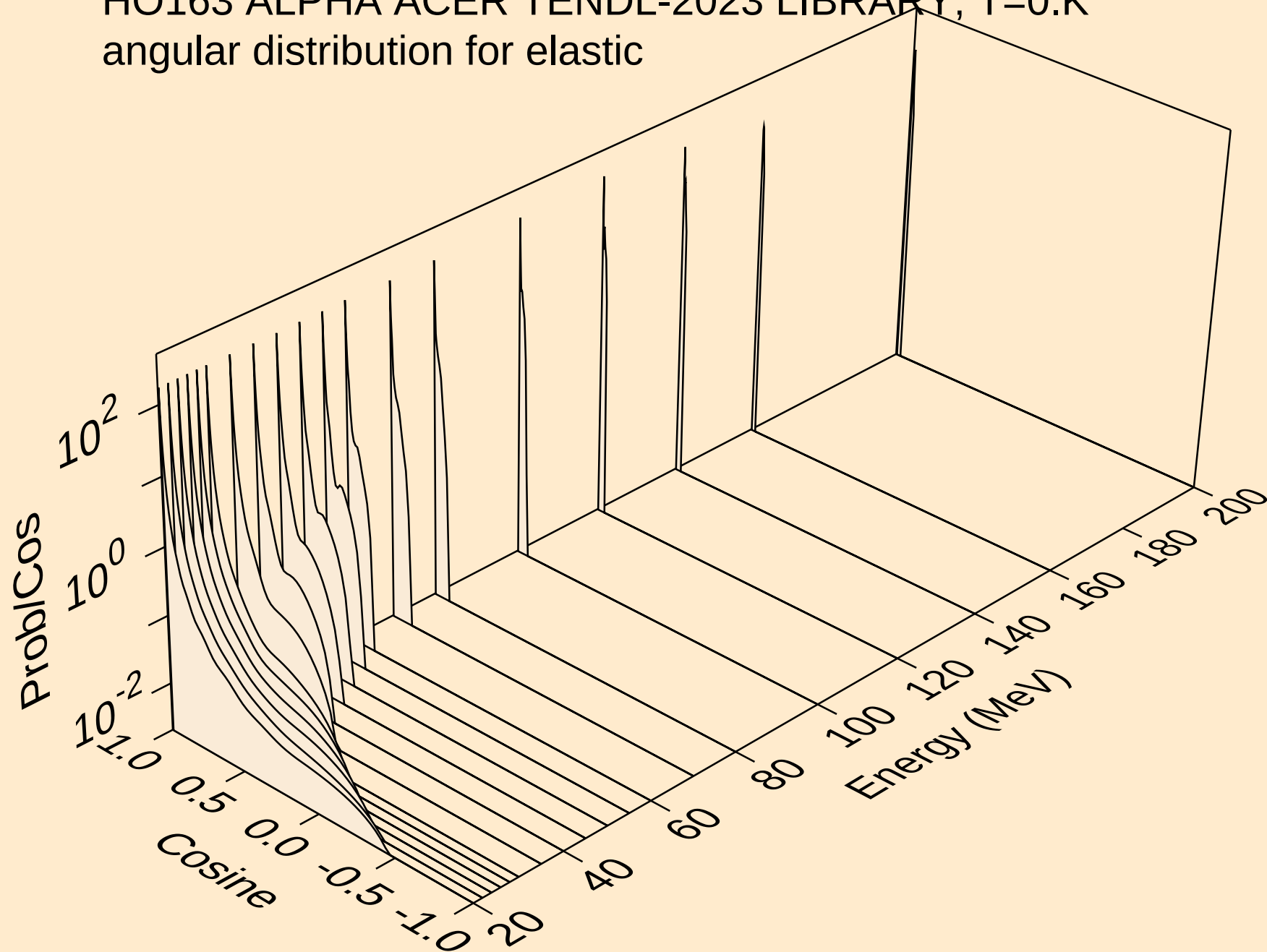
Threshold reactions



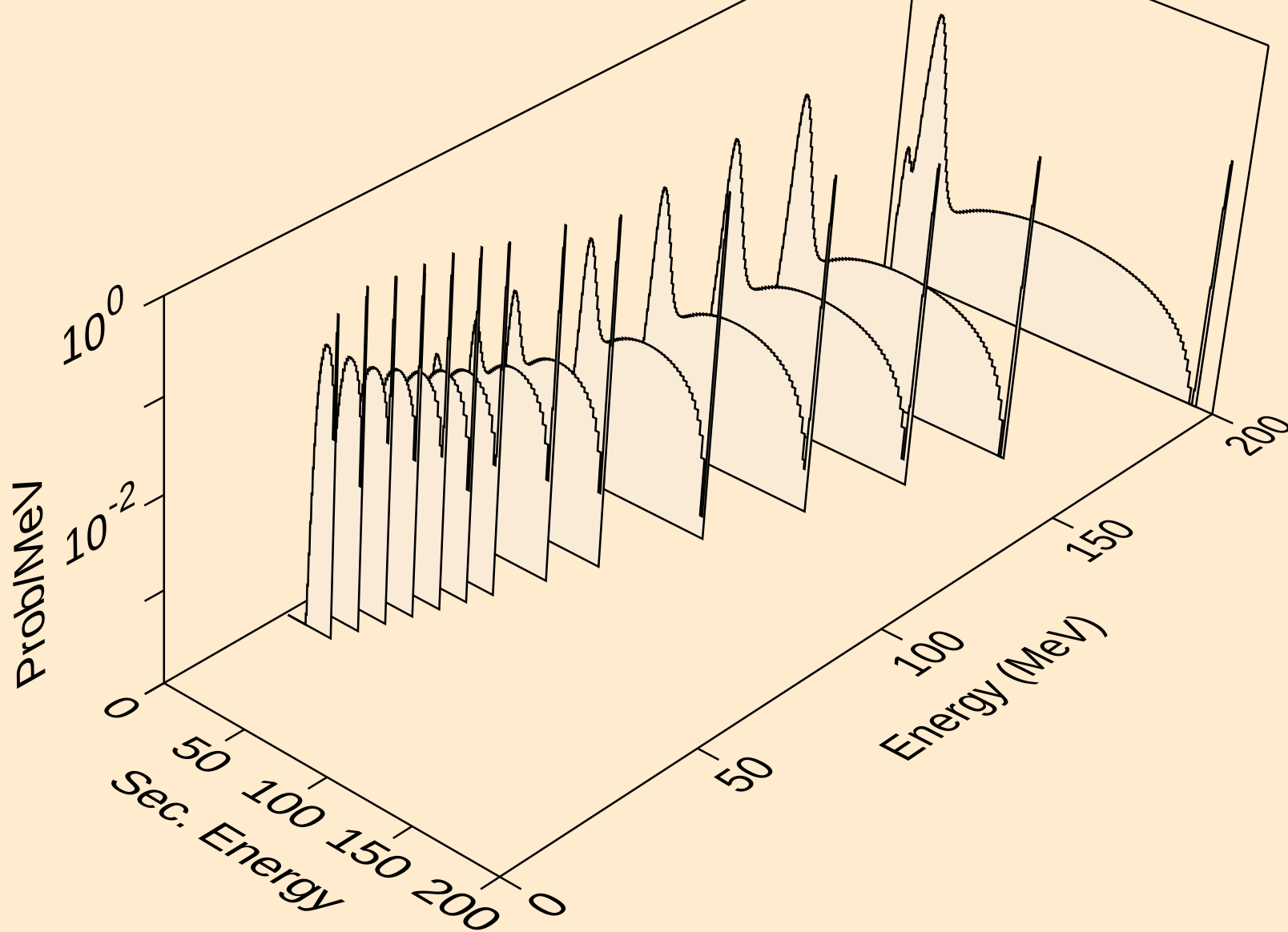
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



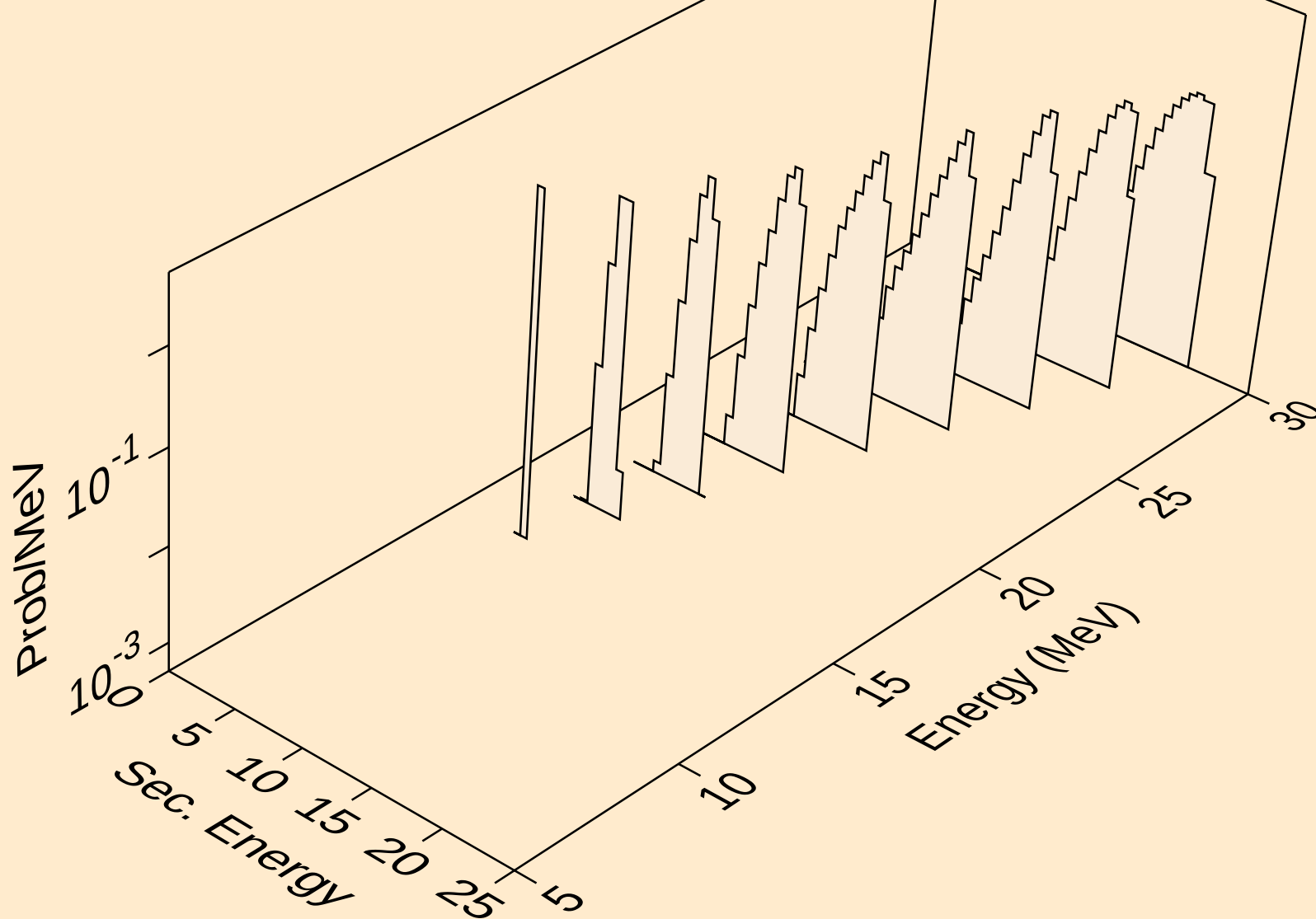
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



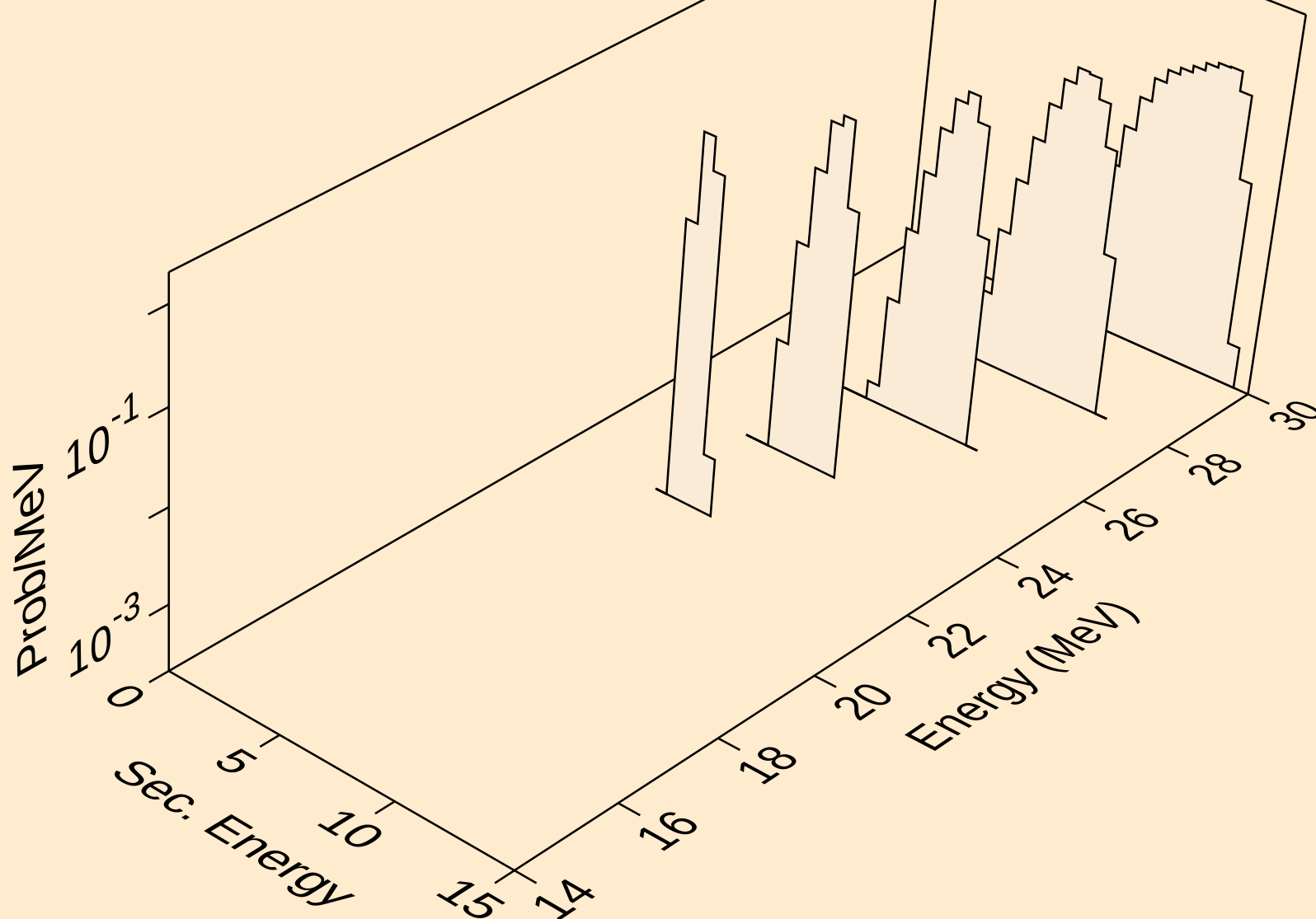
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,x)



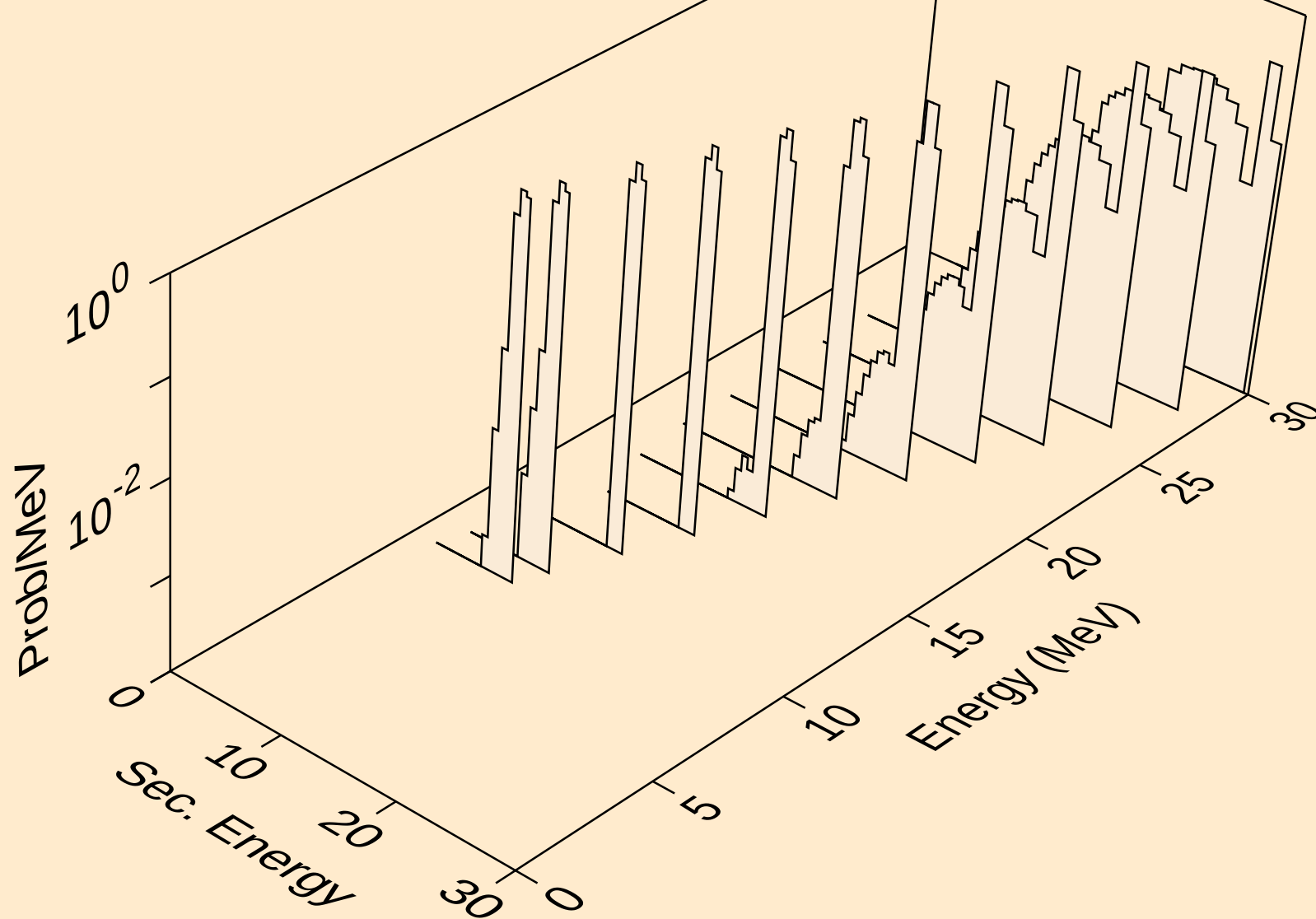
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,n*)a



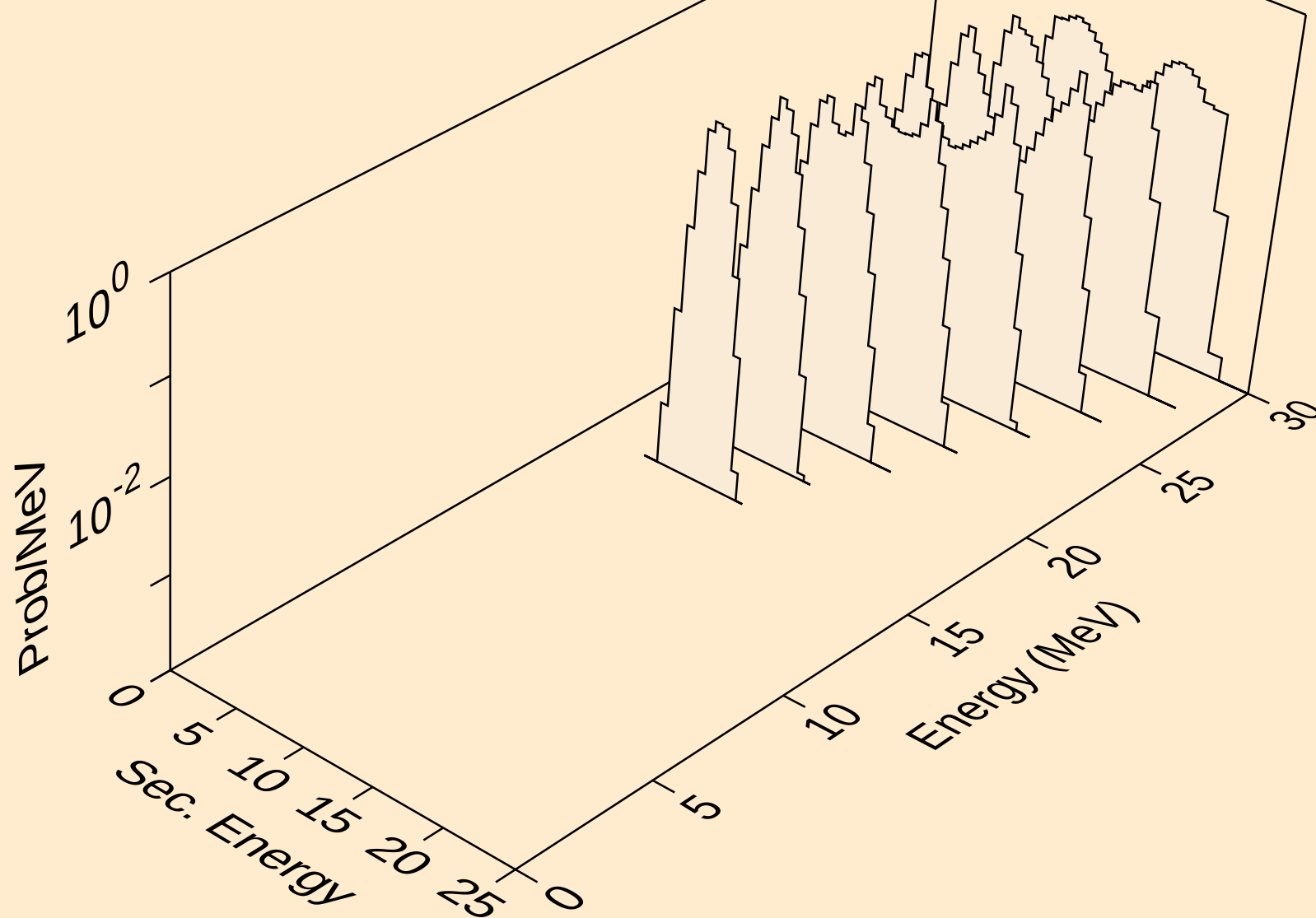
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2n)a



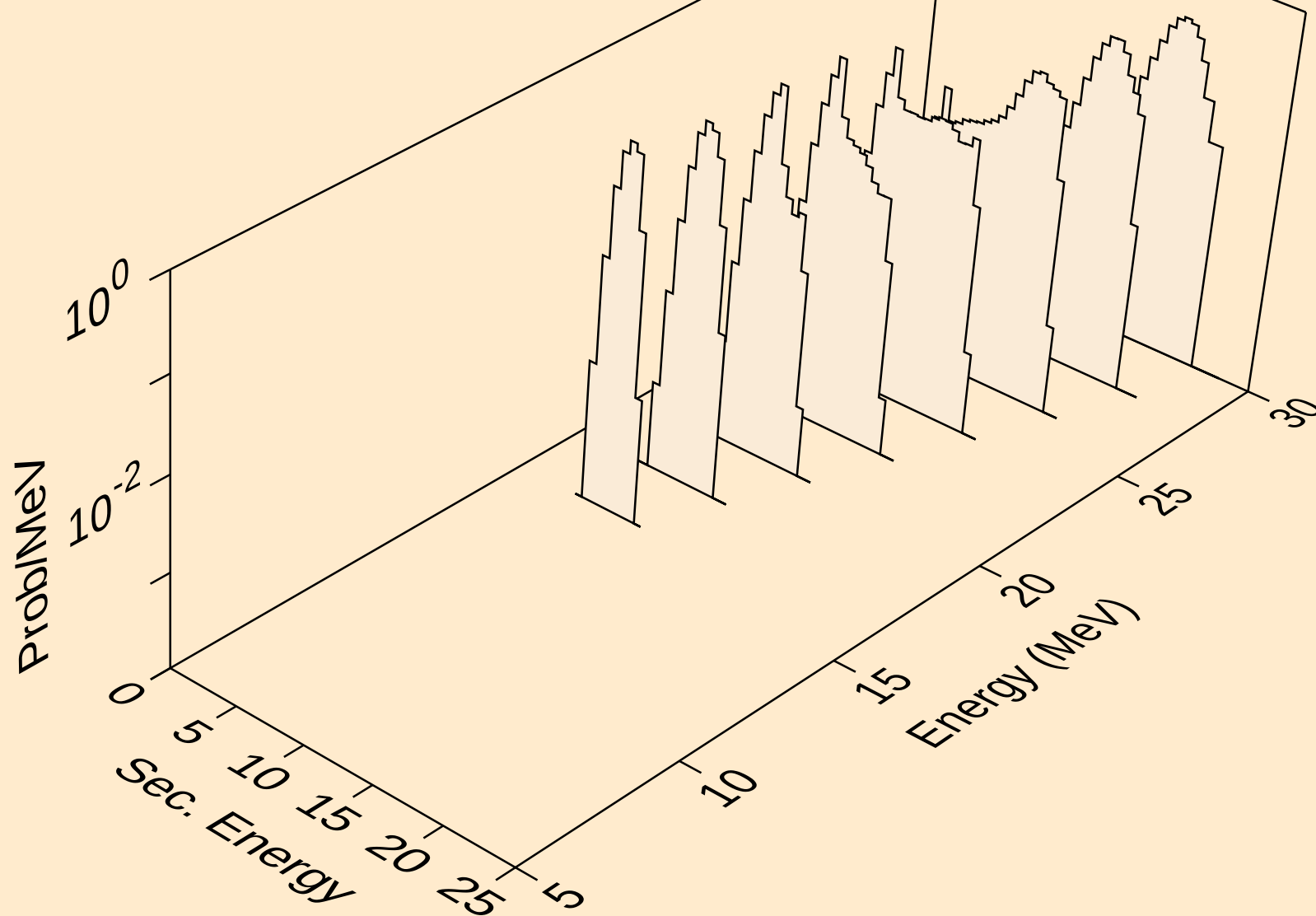
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for inelastic



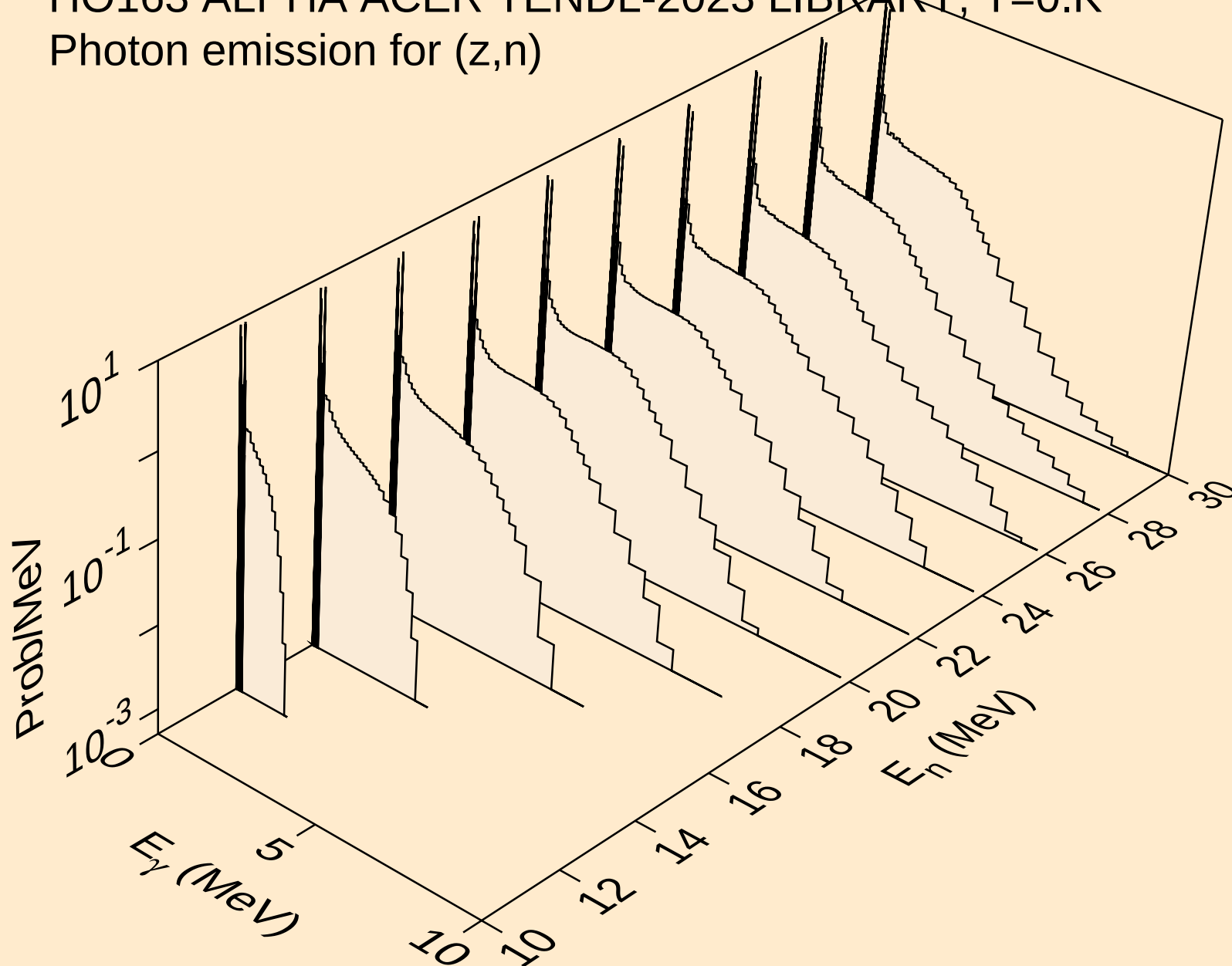
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Alpha emission for (a,2a)



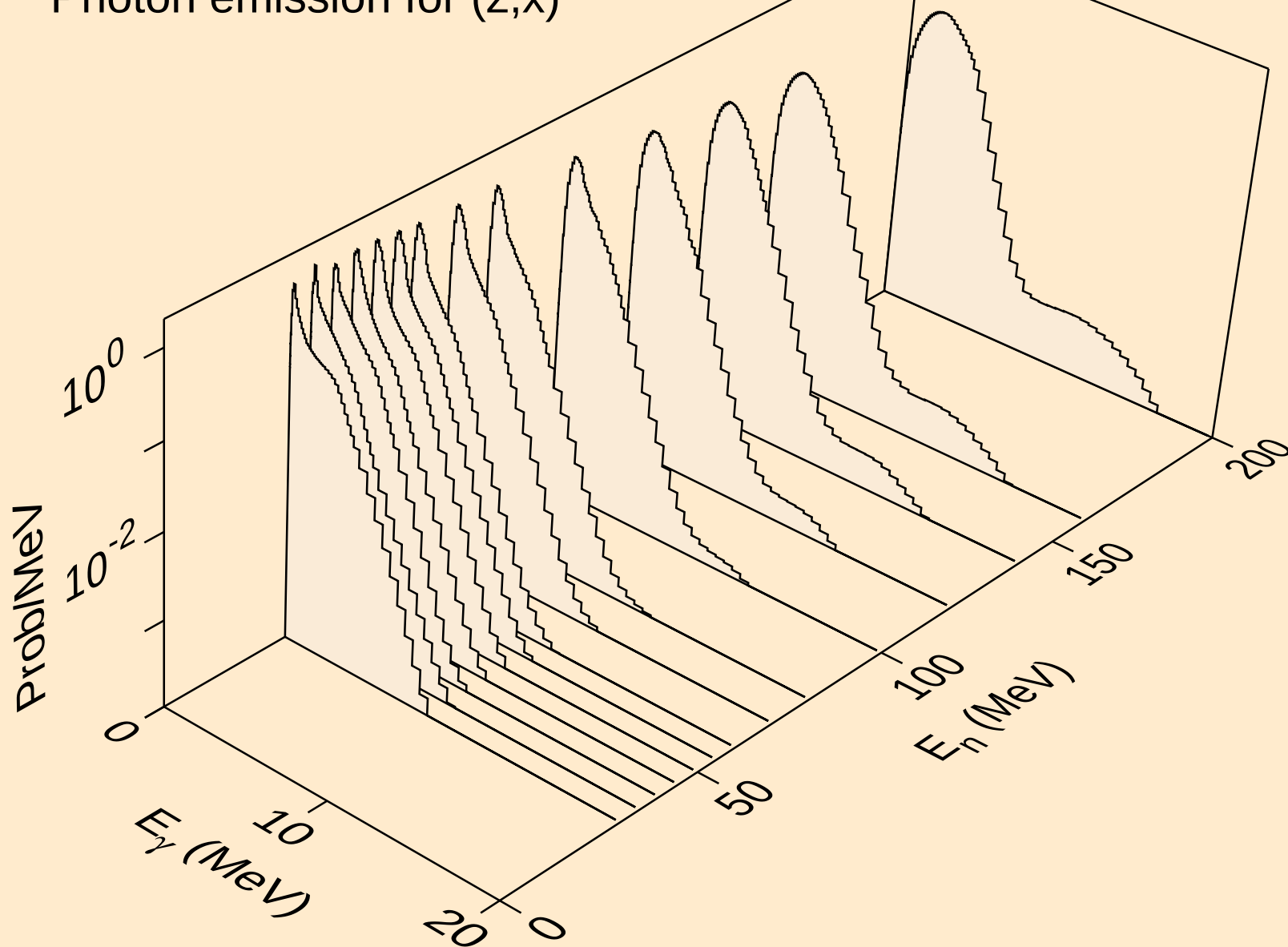
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,pa)



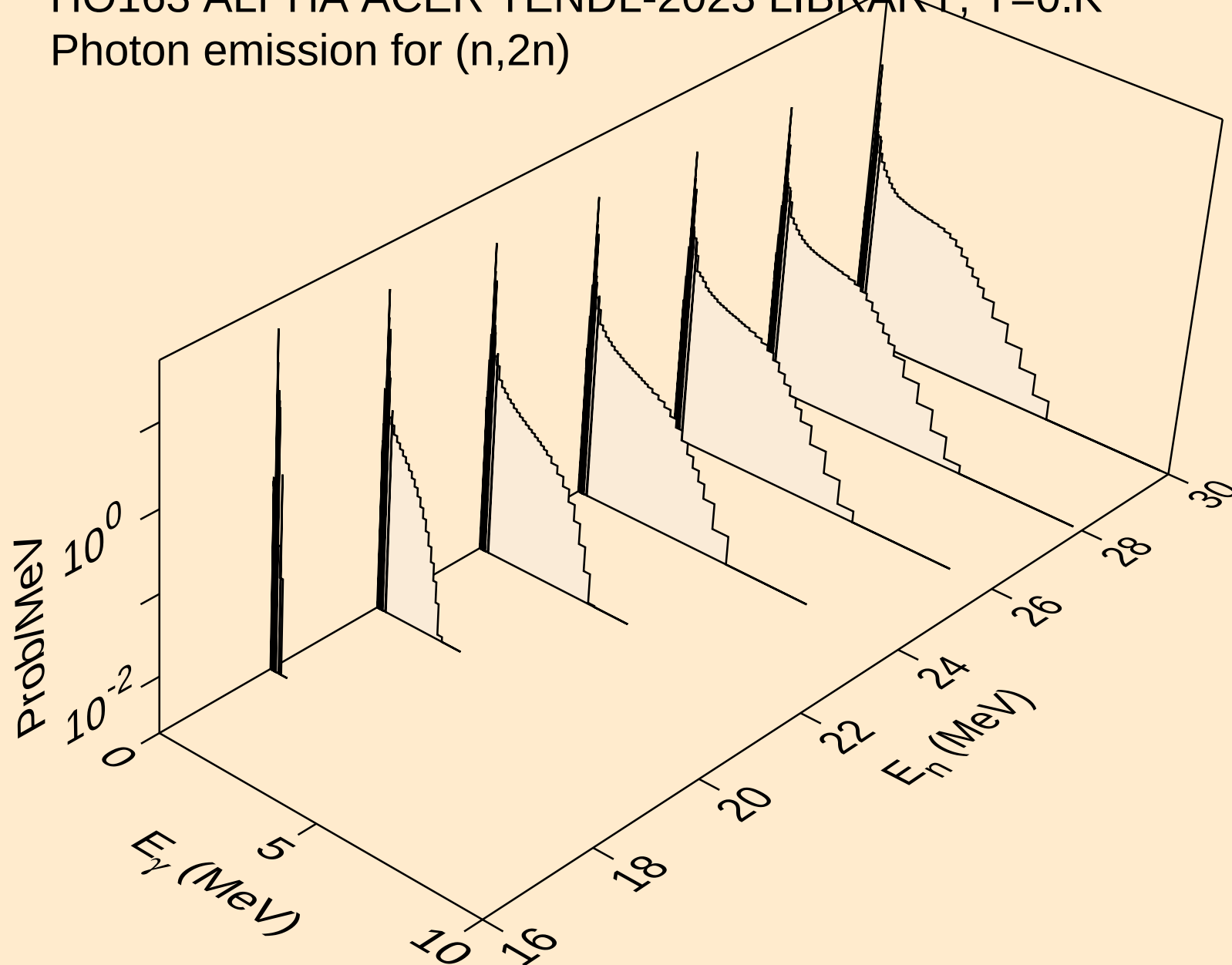
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



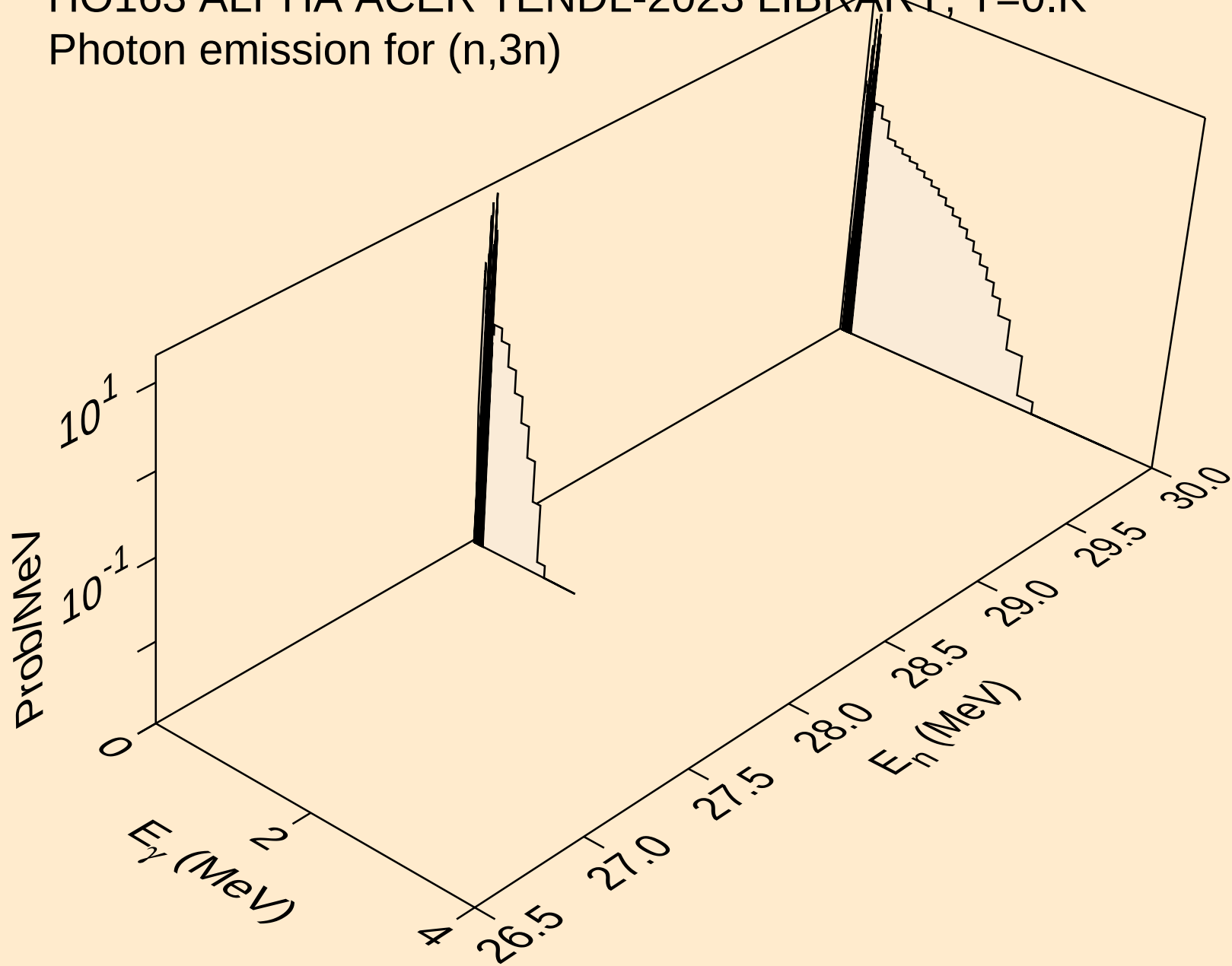
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



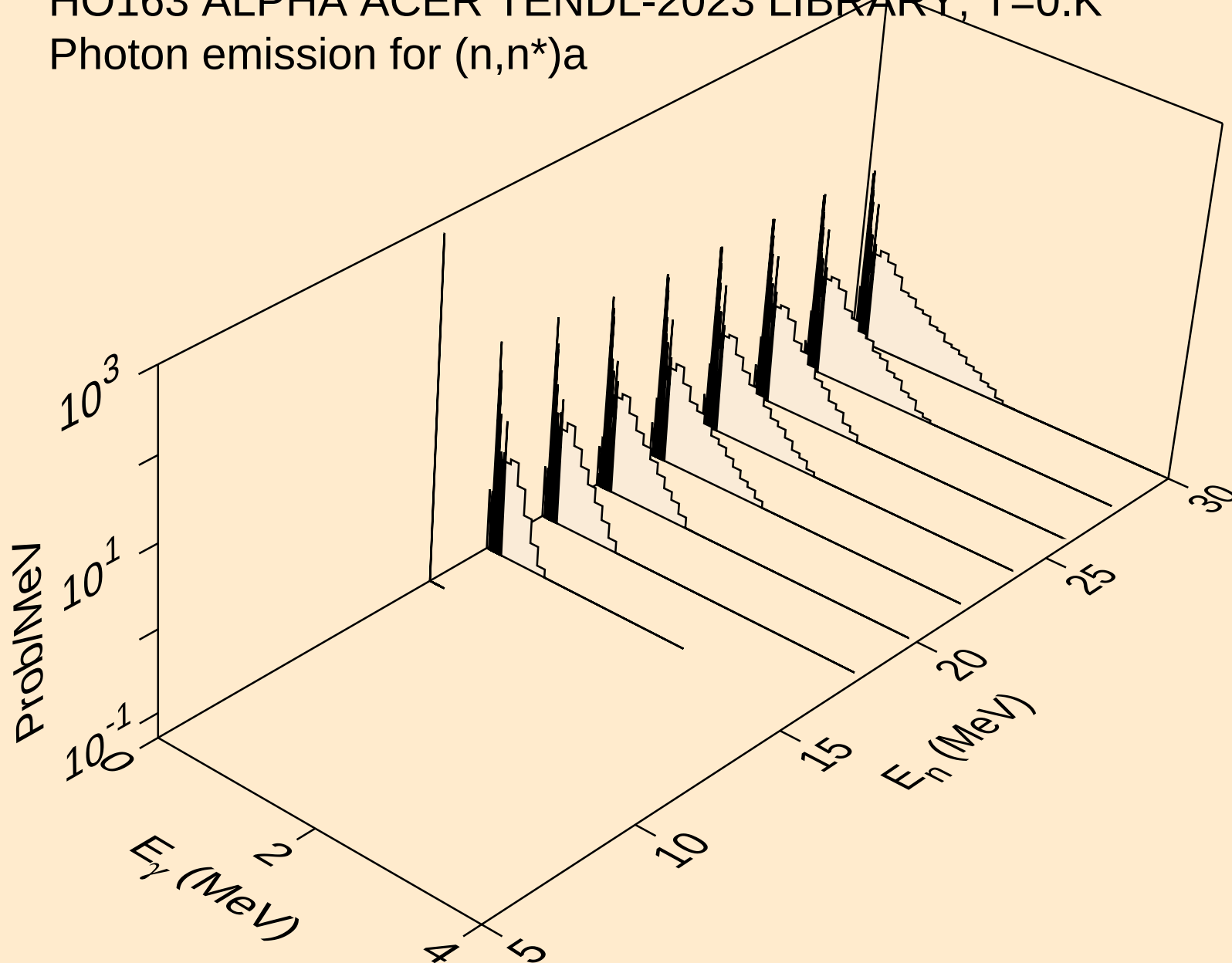
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



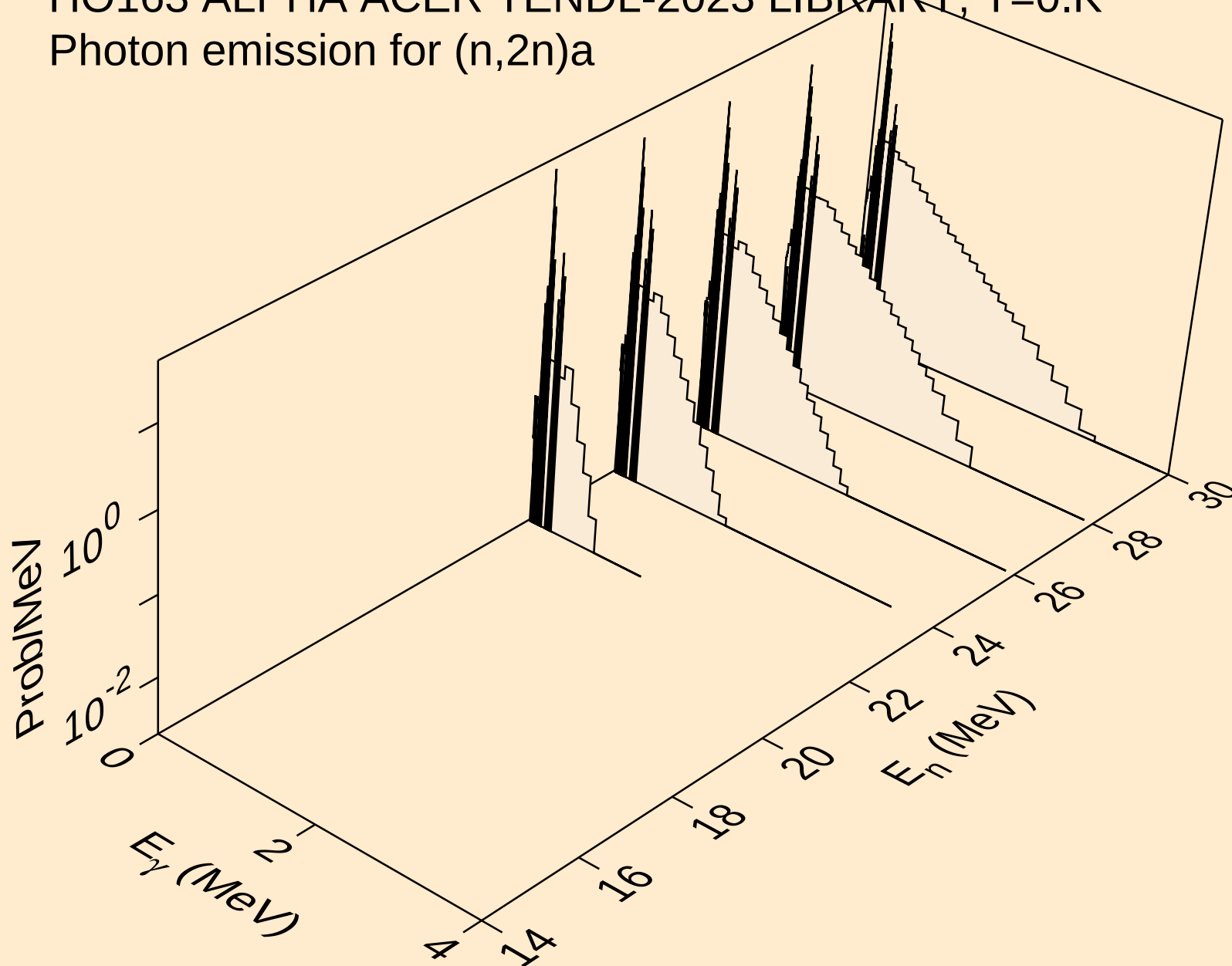
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



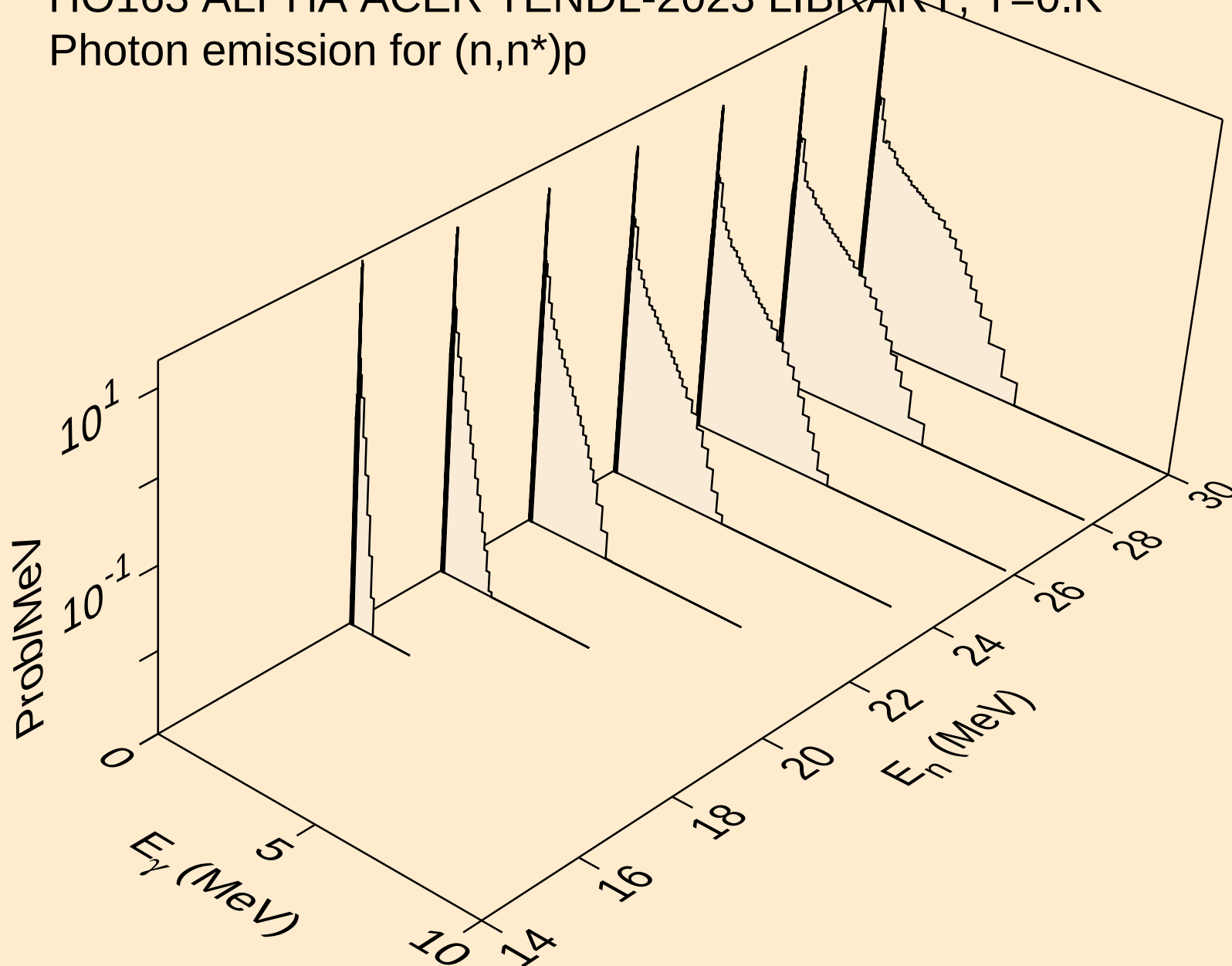
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



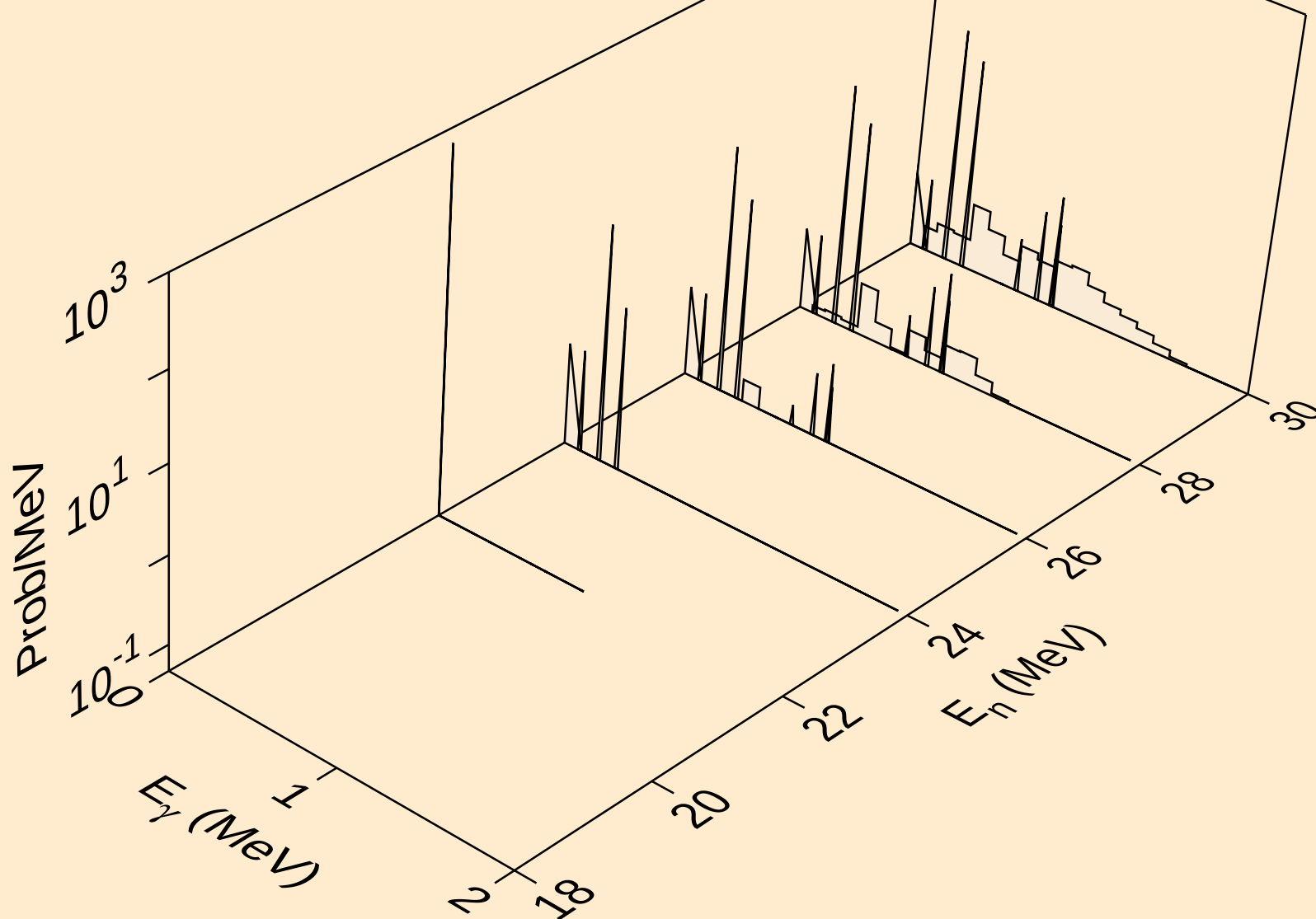
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α



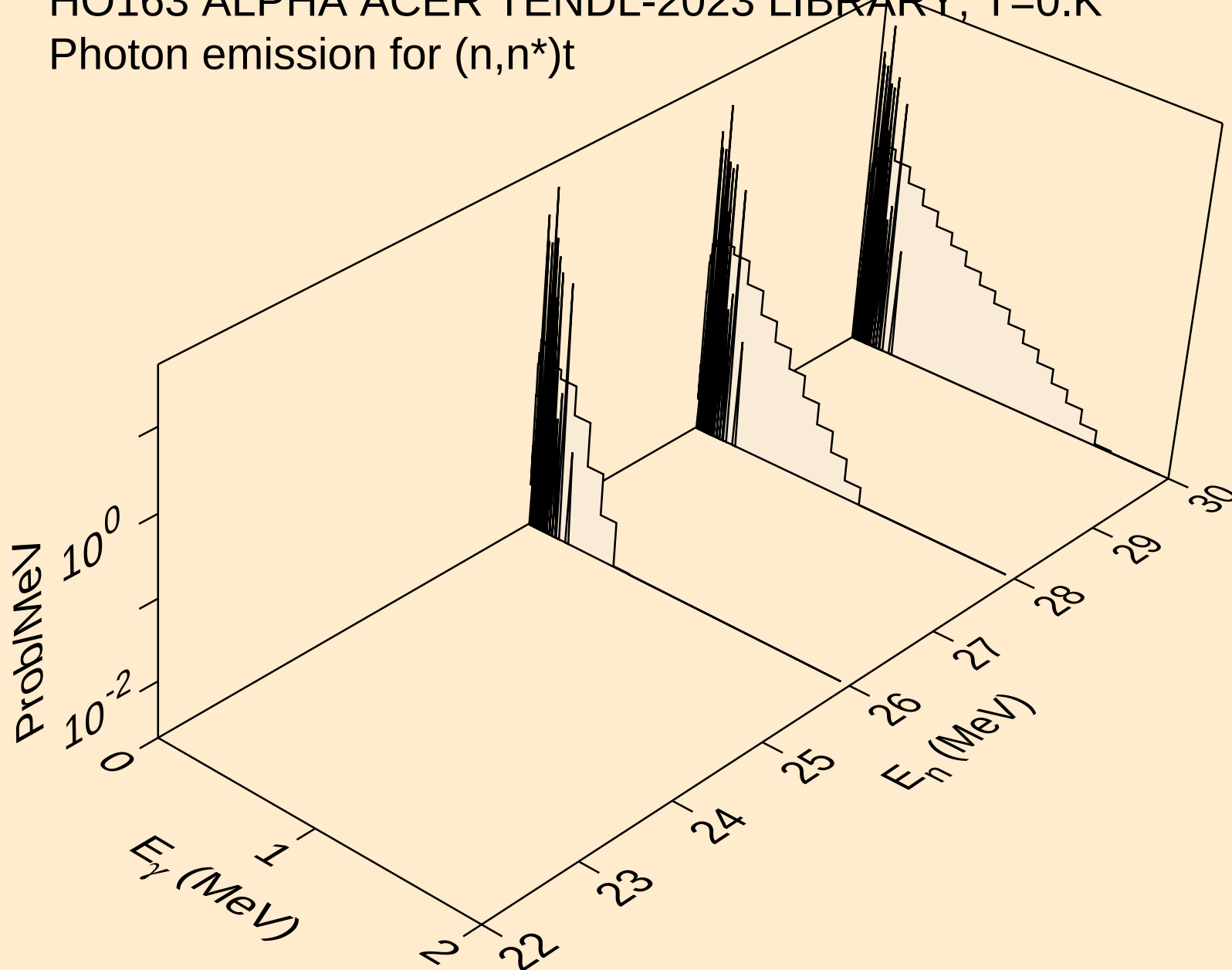
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



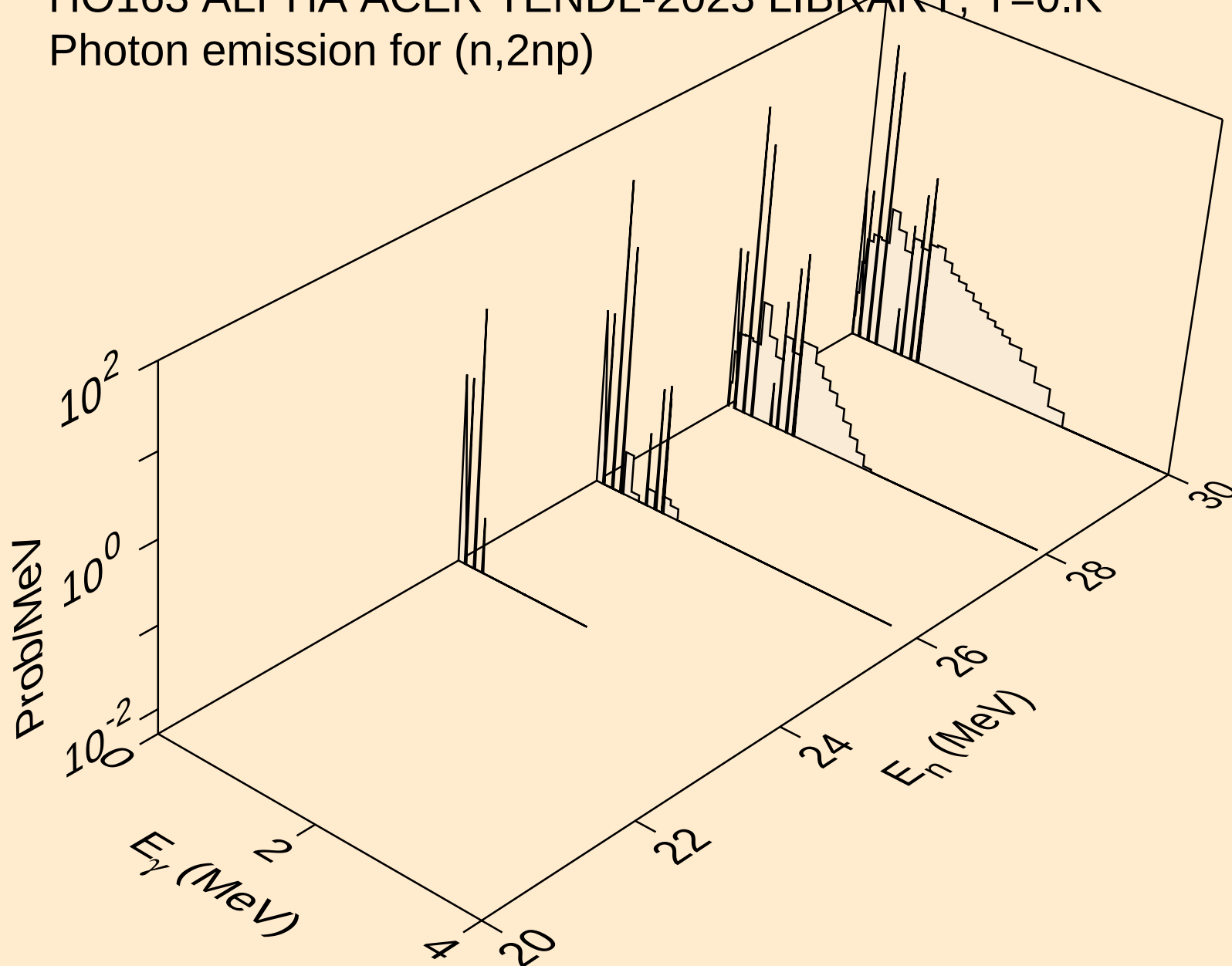
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



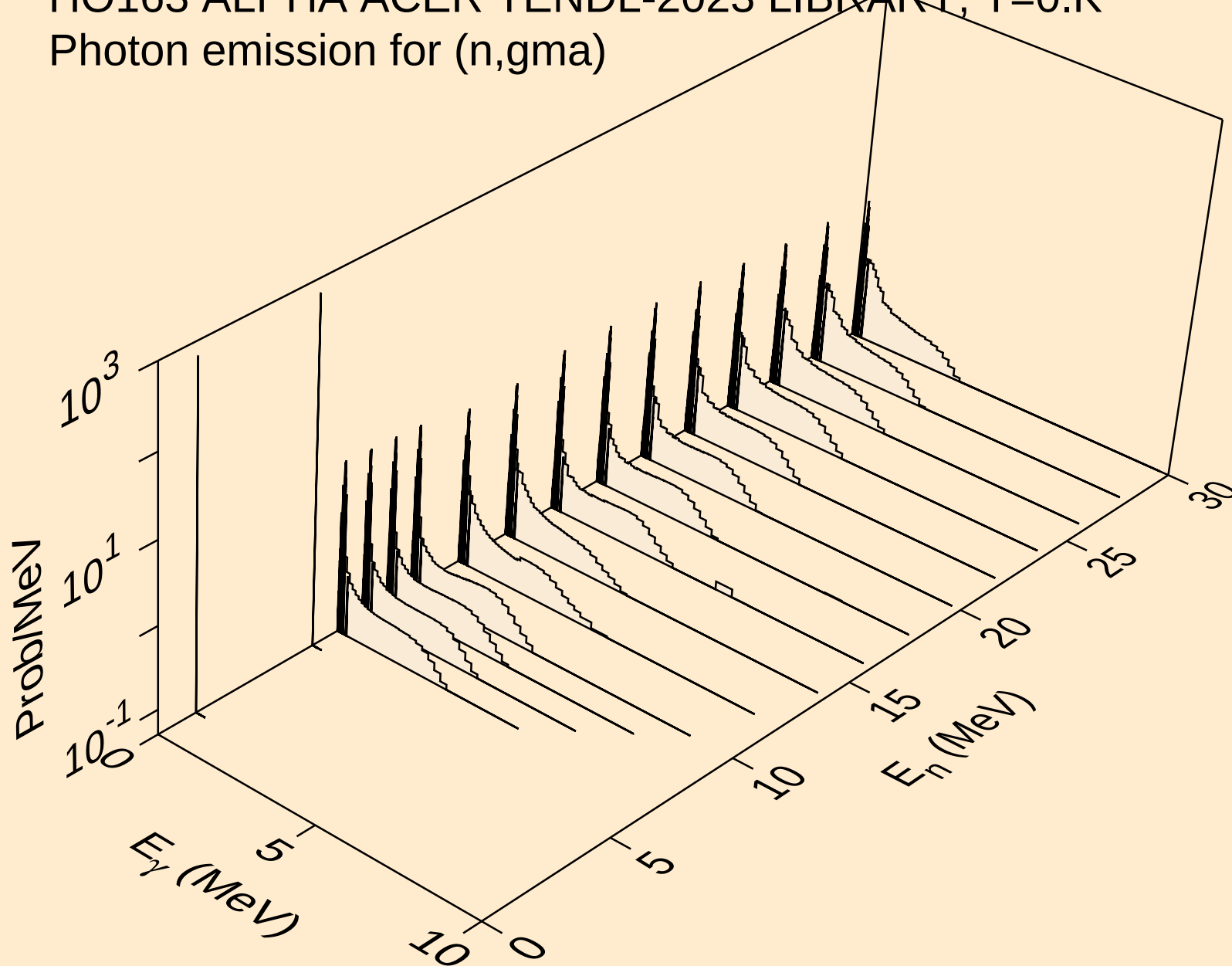
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



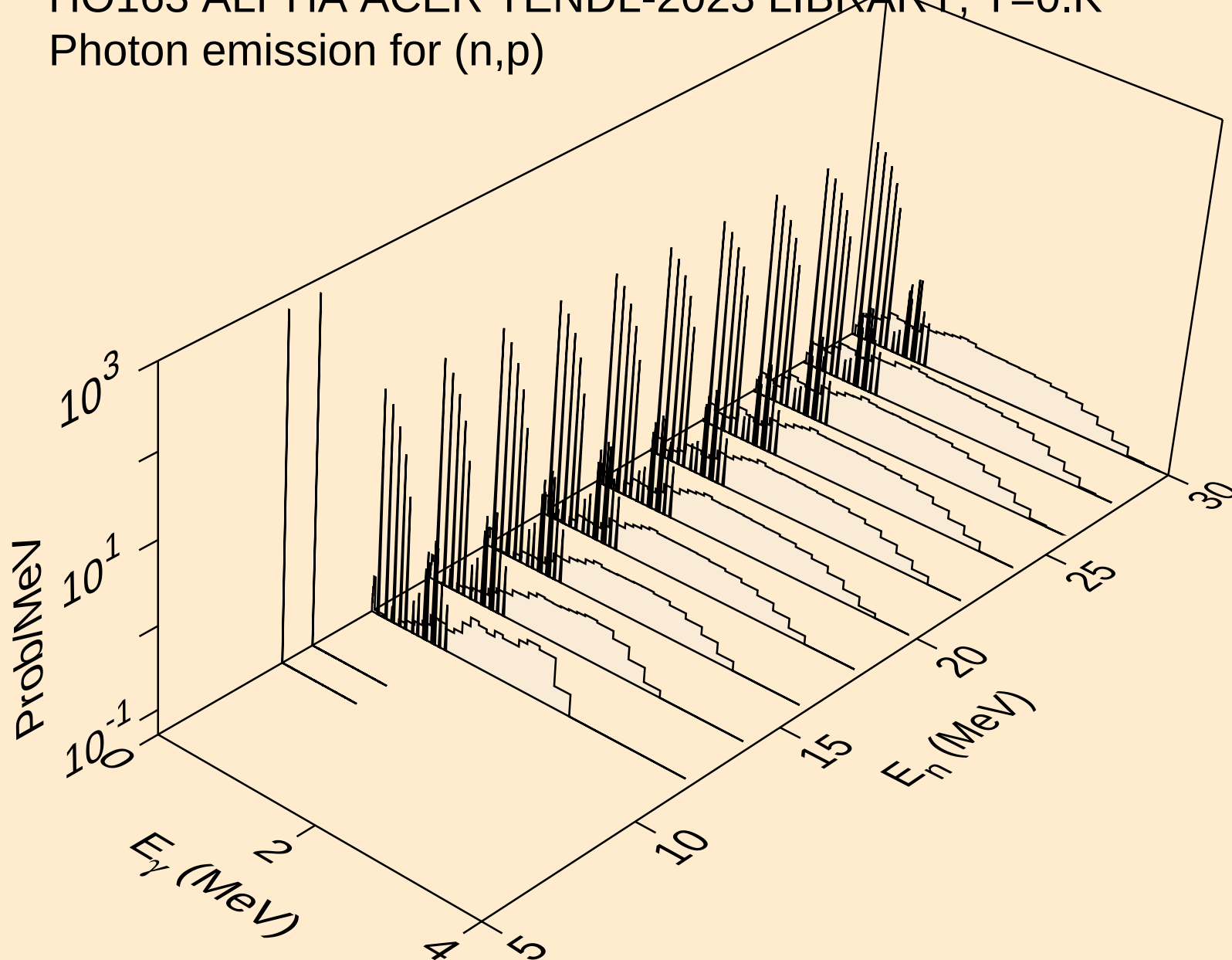
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



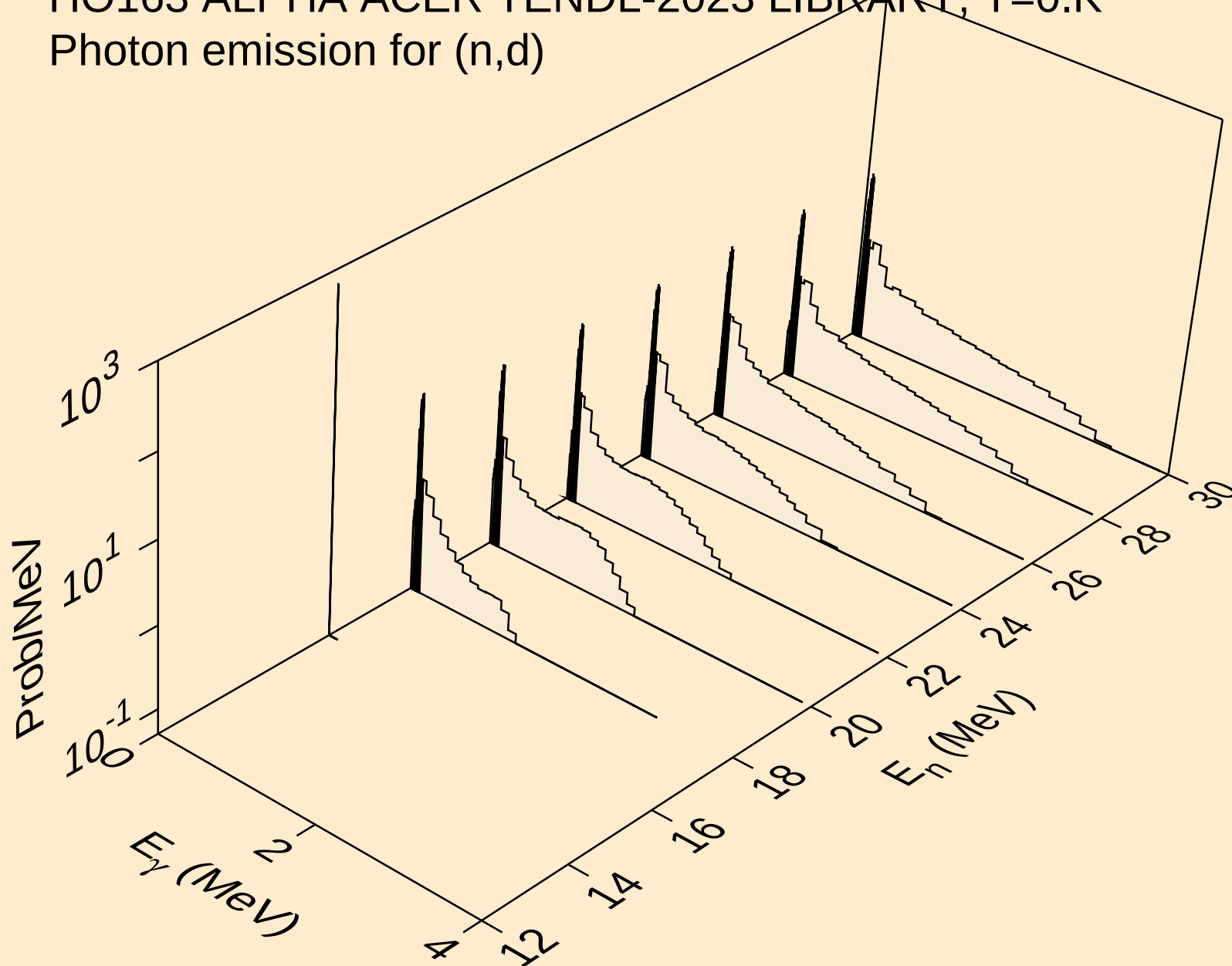
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



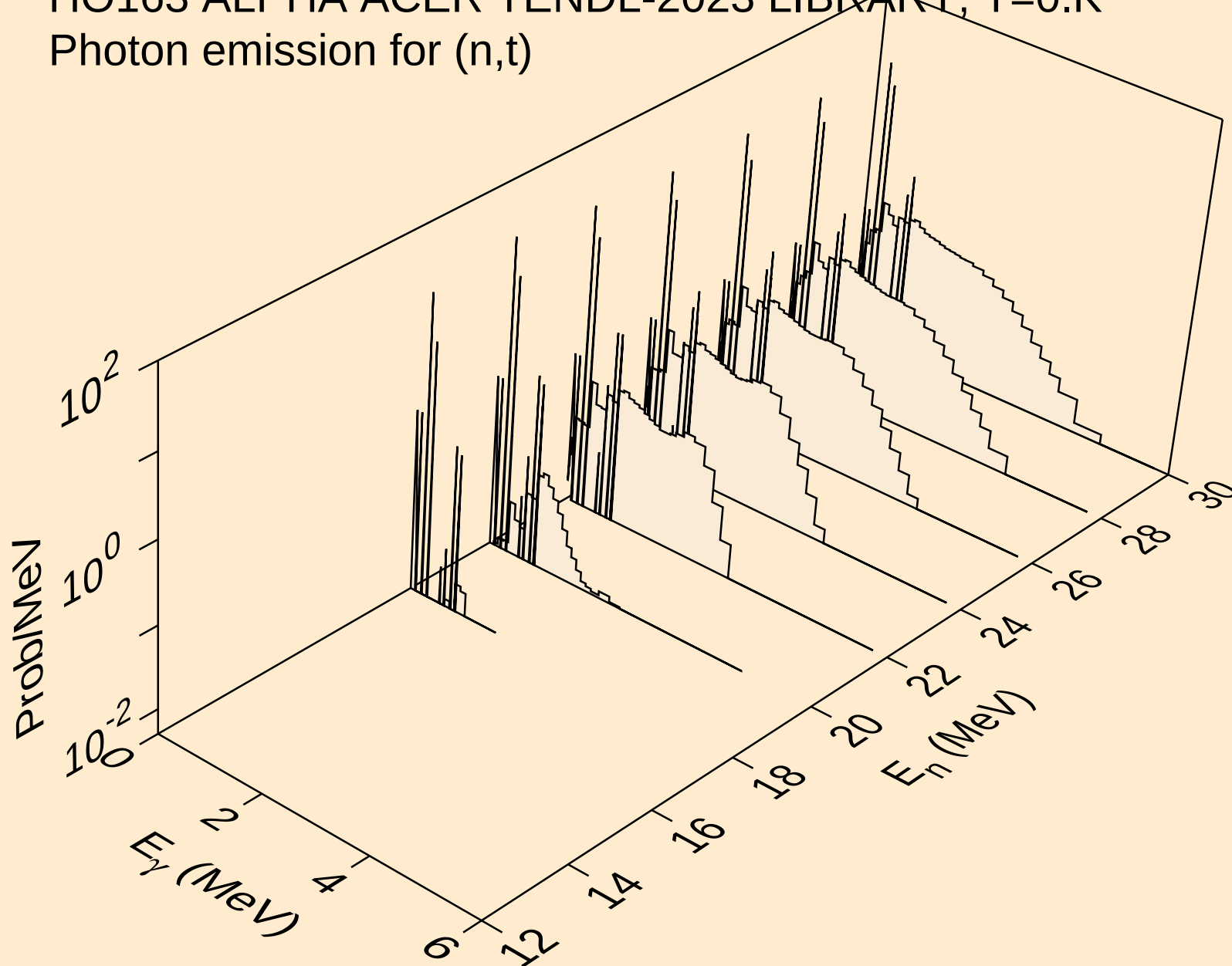
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



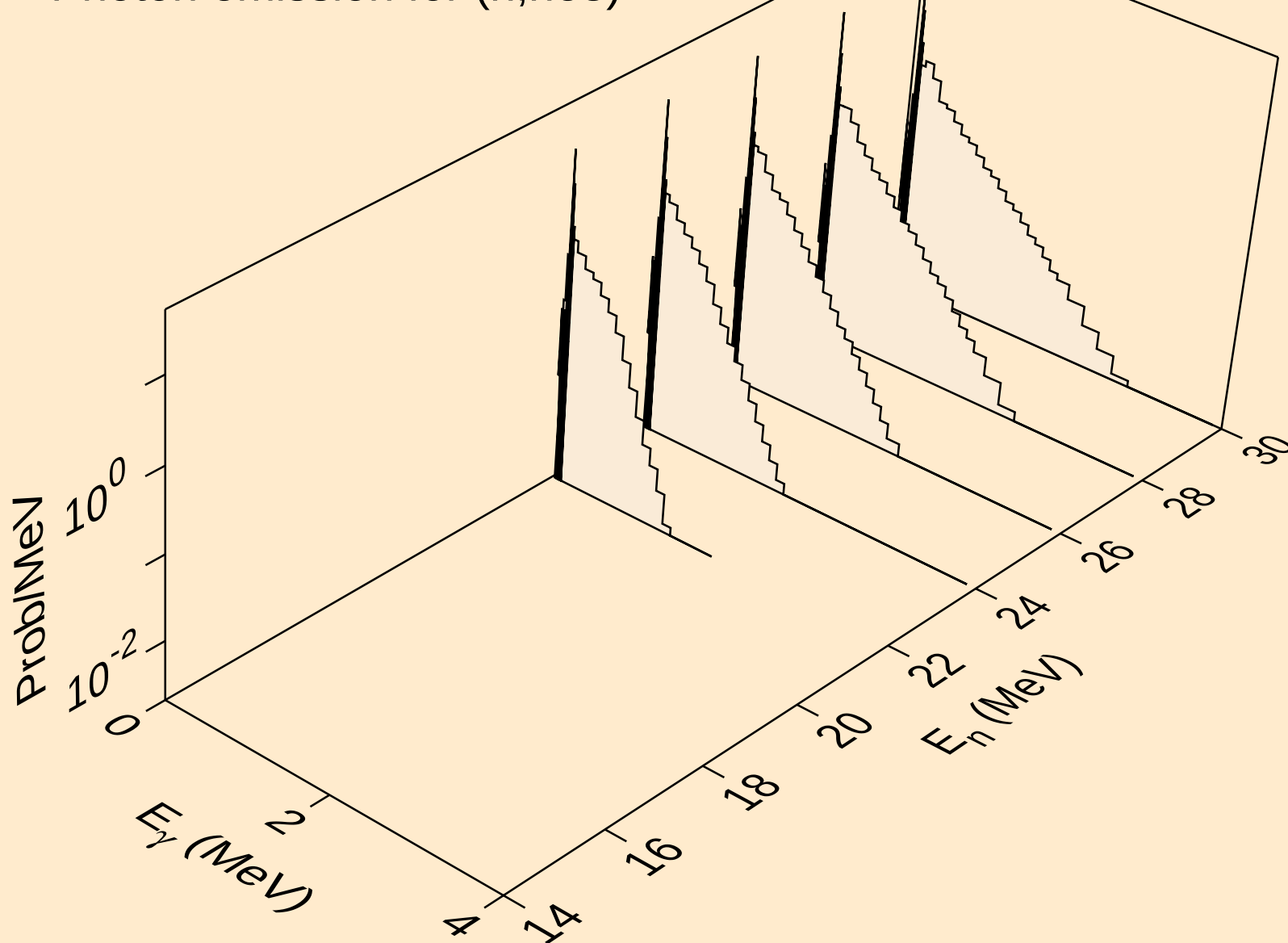
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



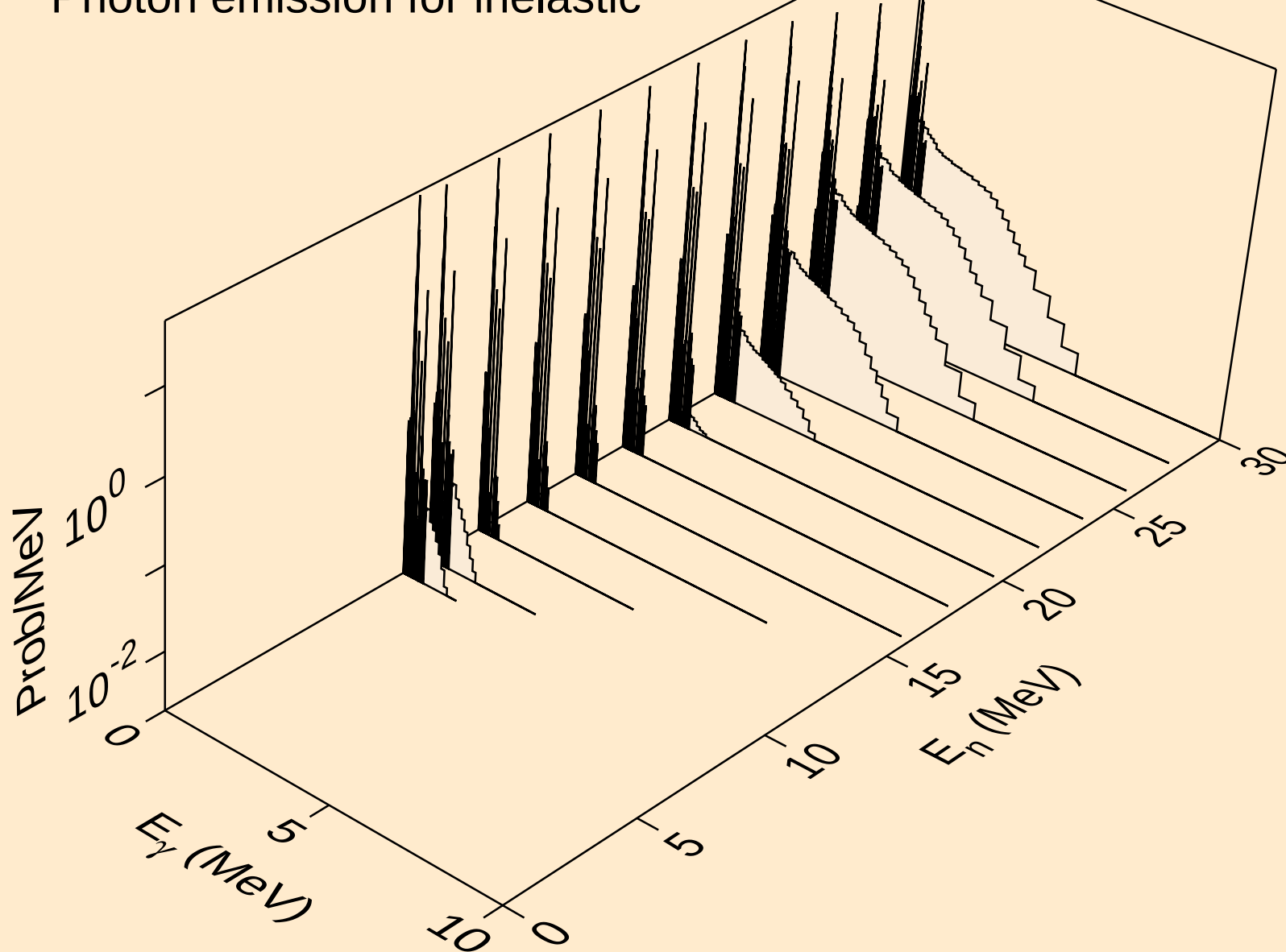
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



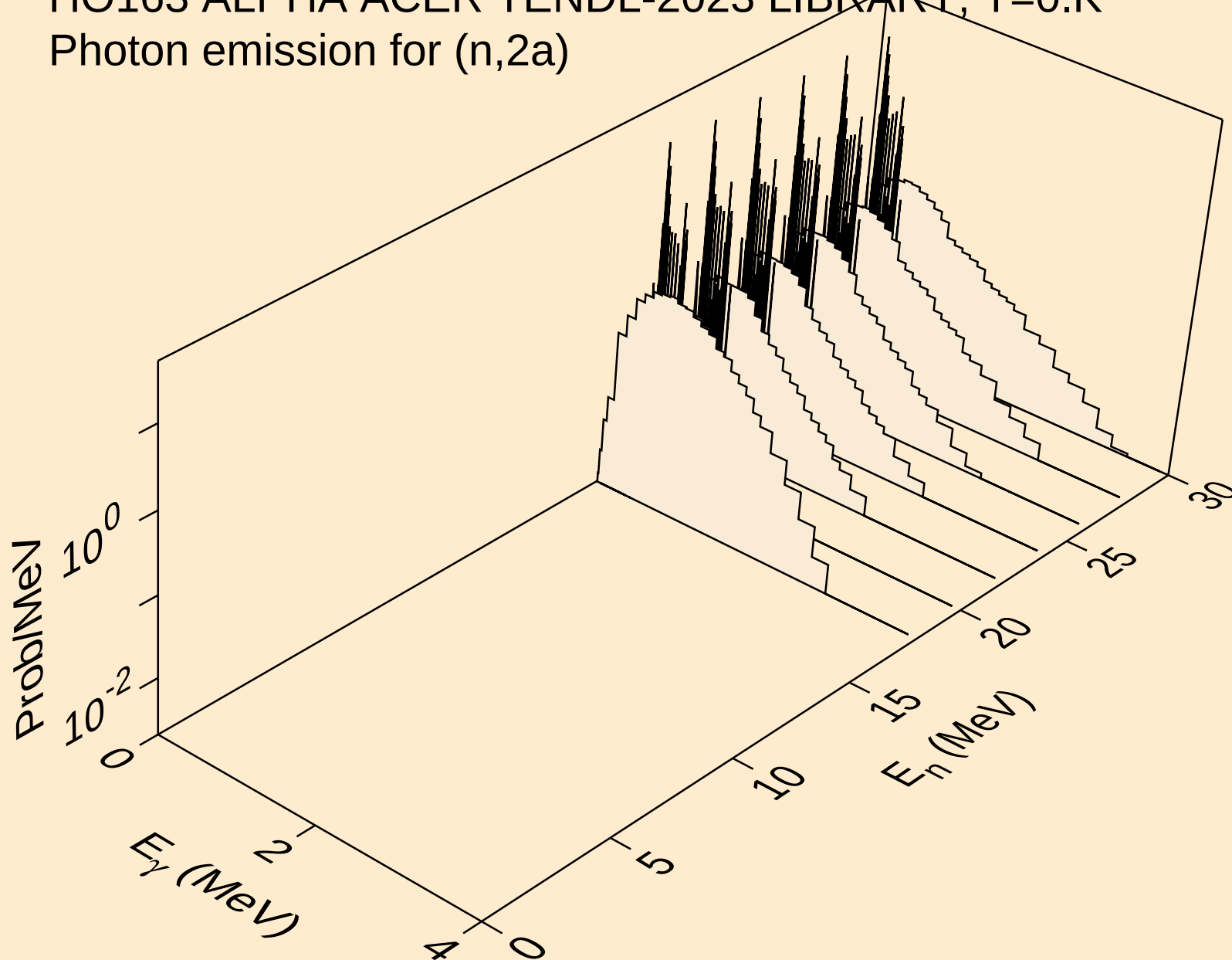
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Photon emission for (n,he3)



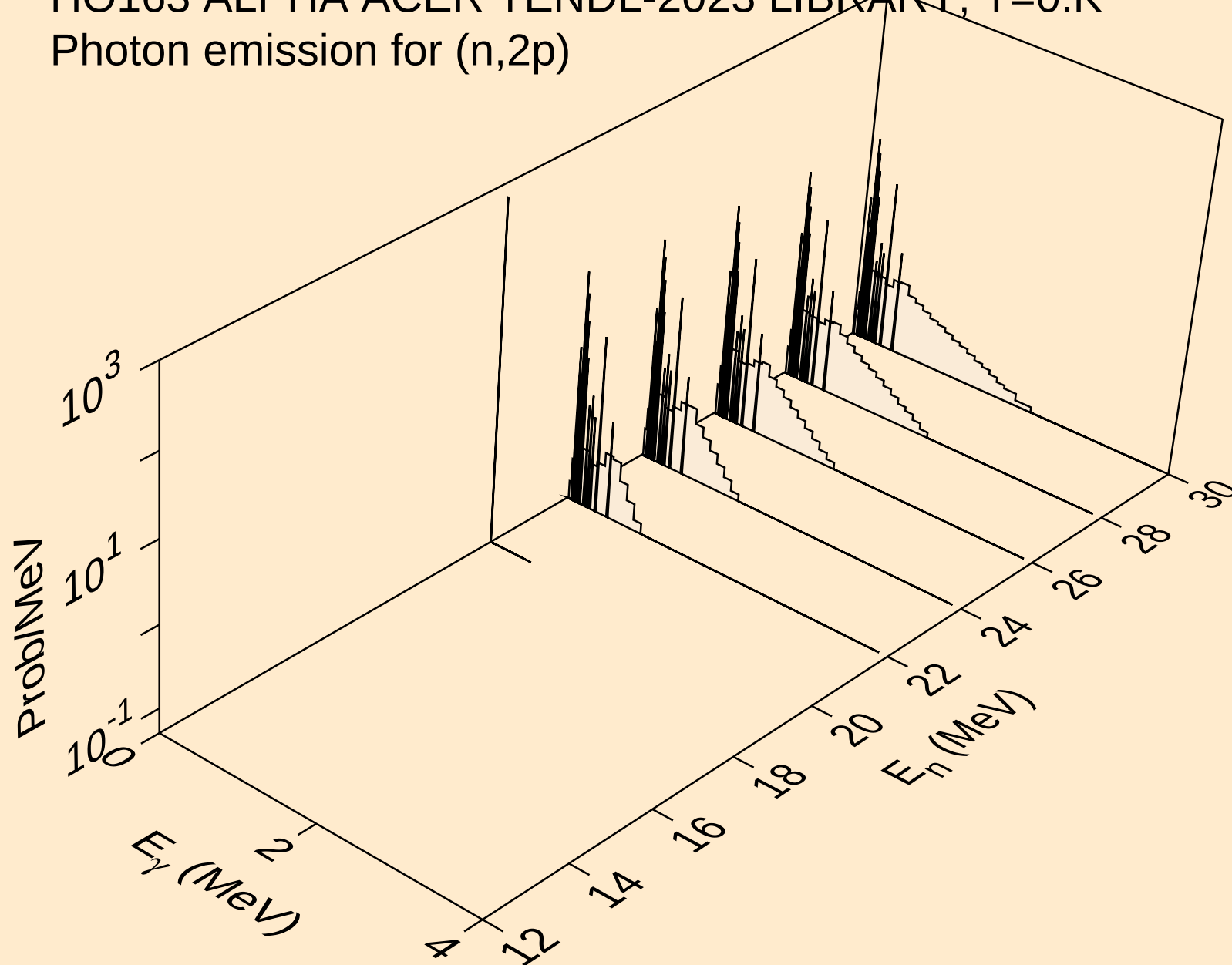
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



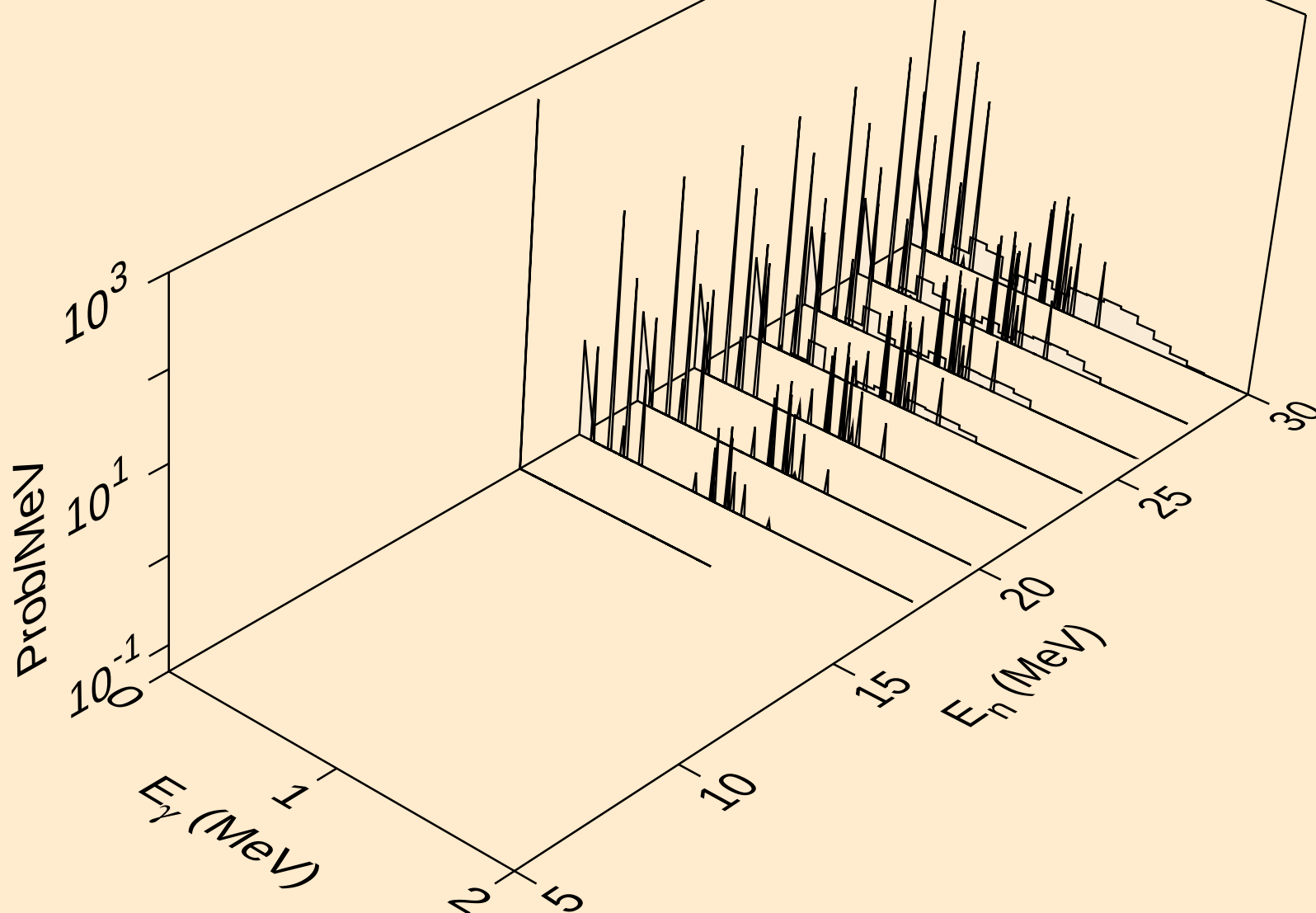
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)

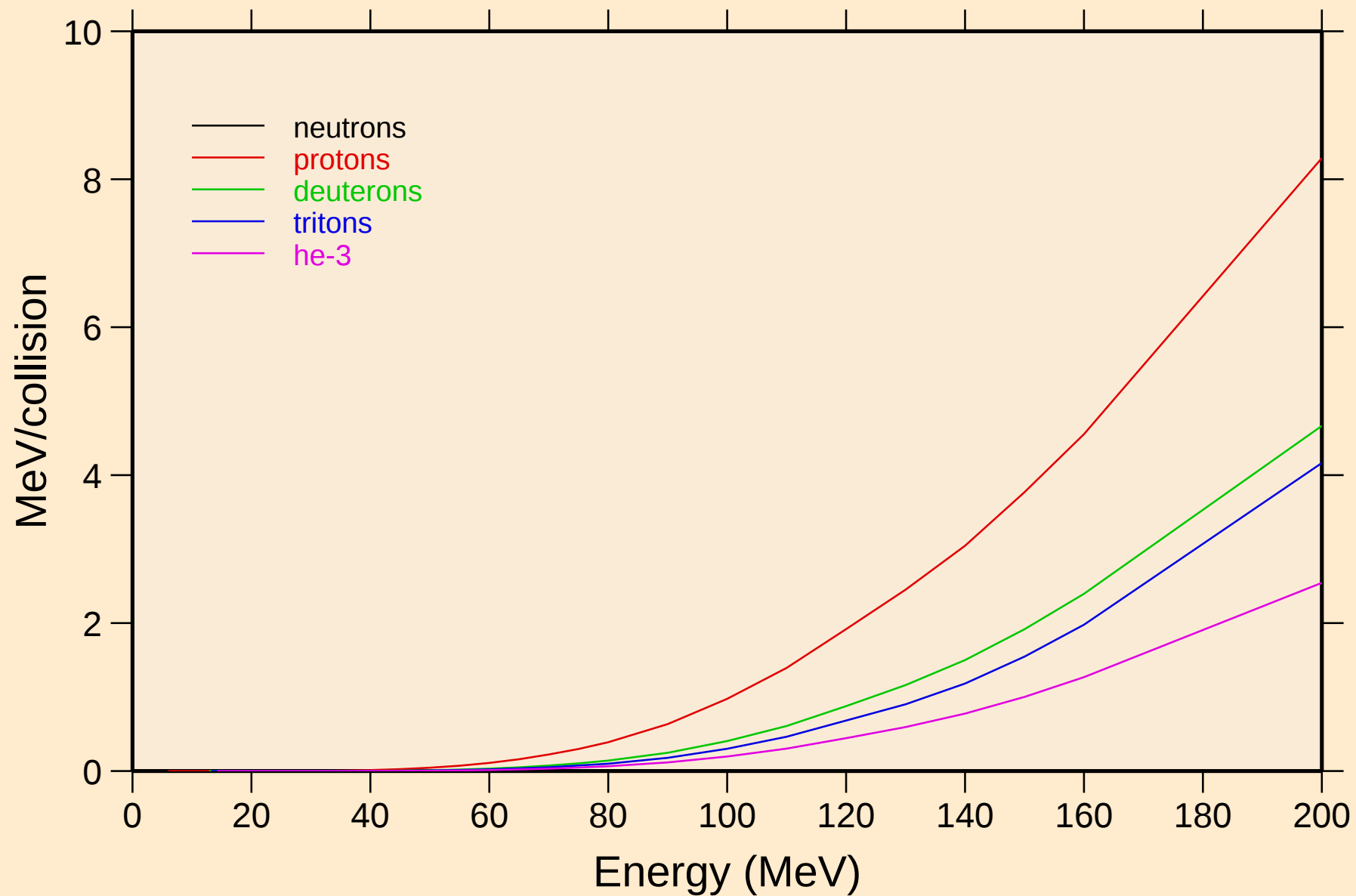


HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)



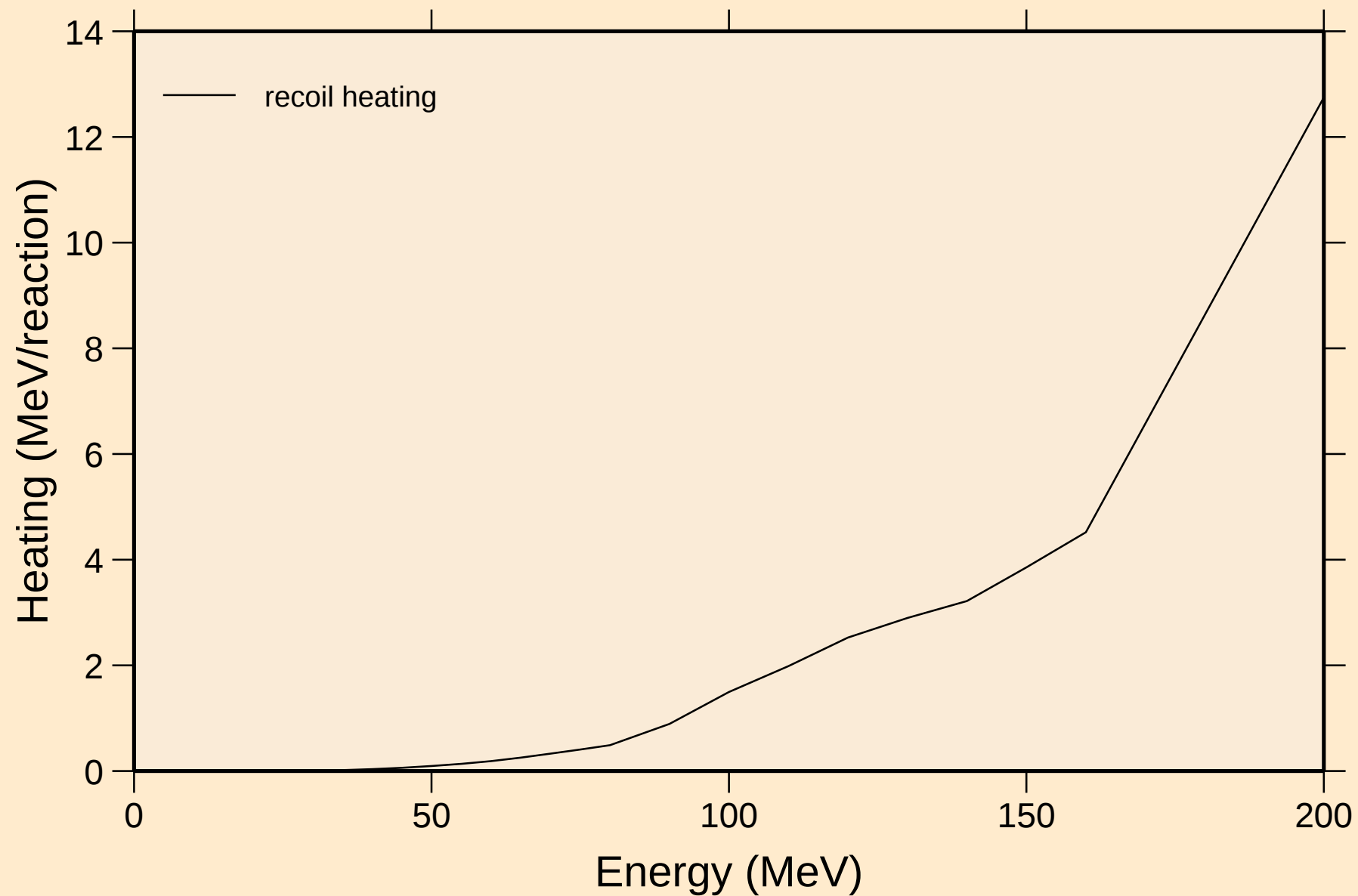
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Particle heating contributions



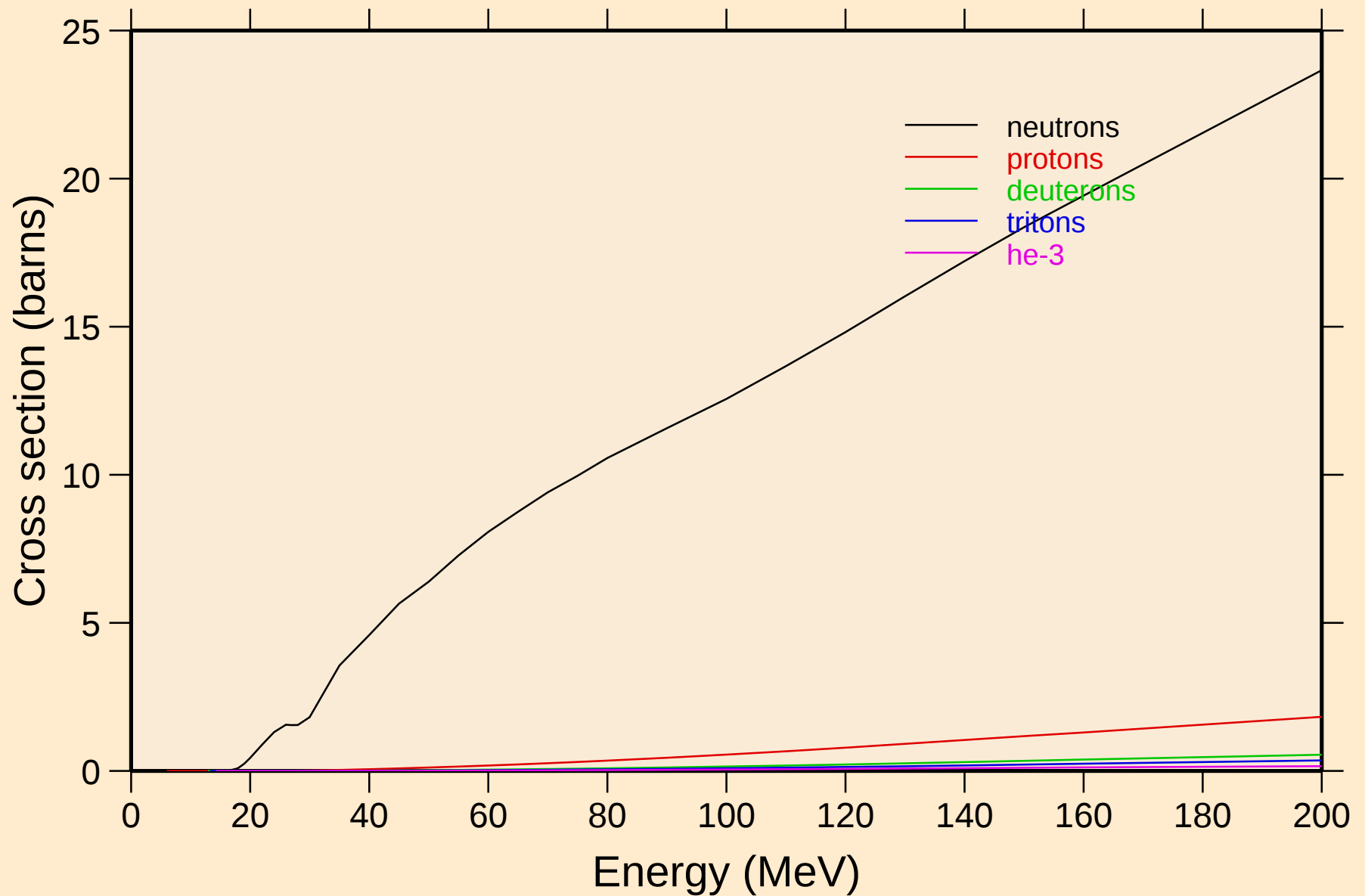
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Recoil Heating

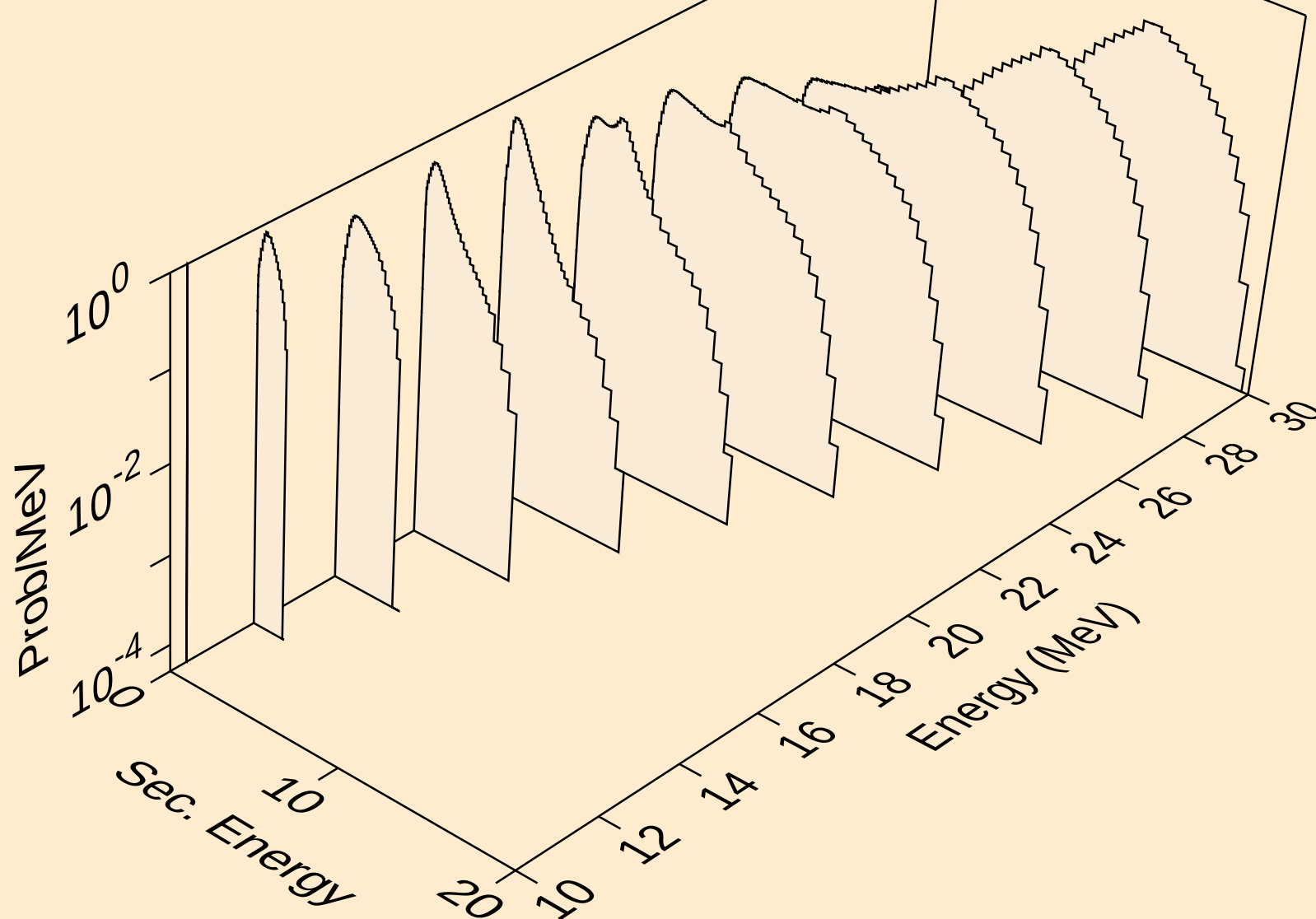


HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

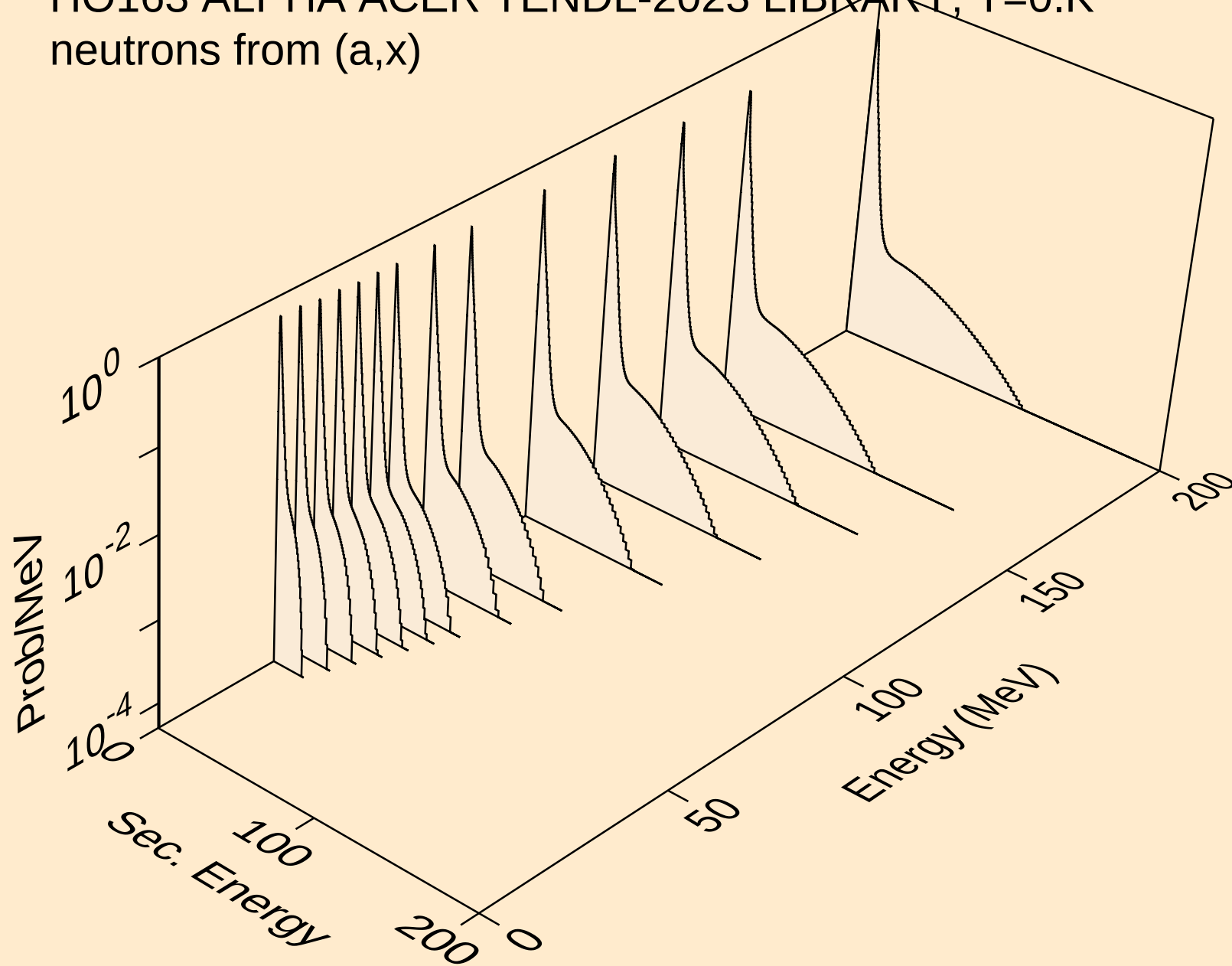
Particle production cross sections



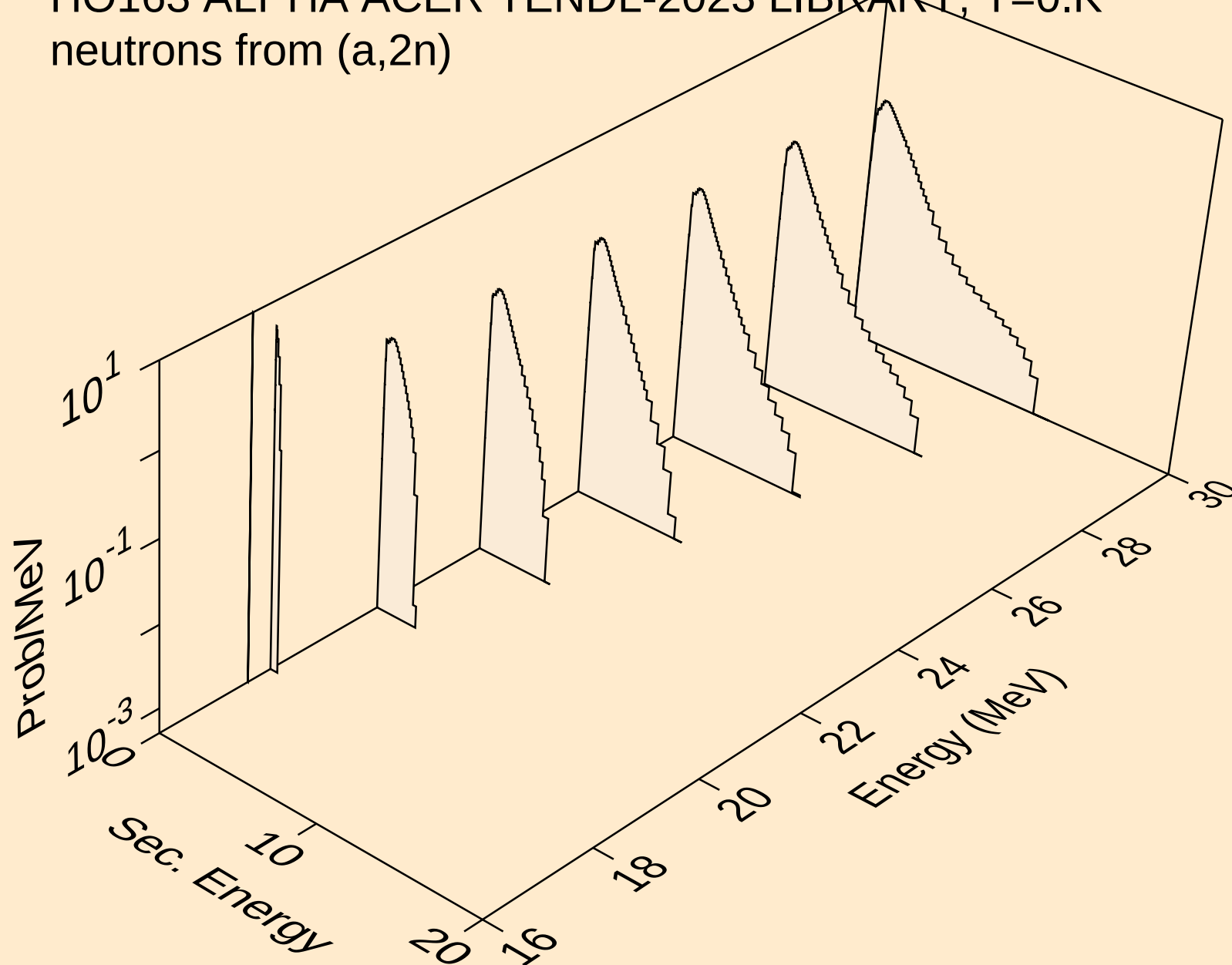
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



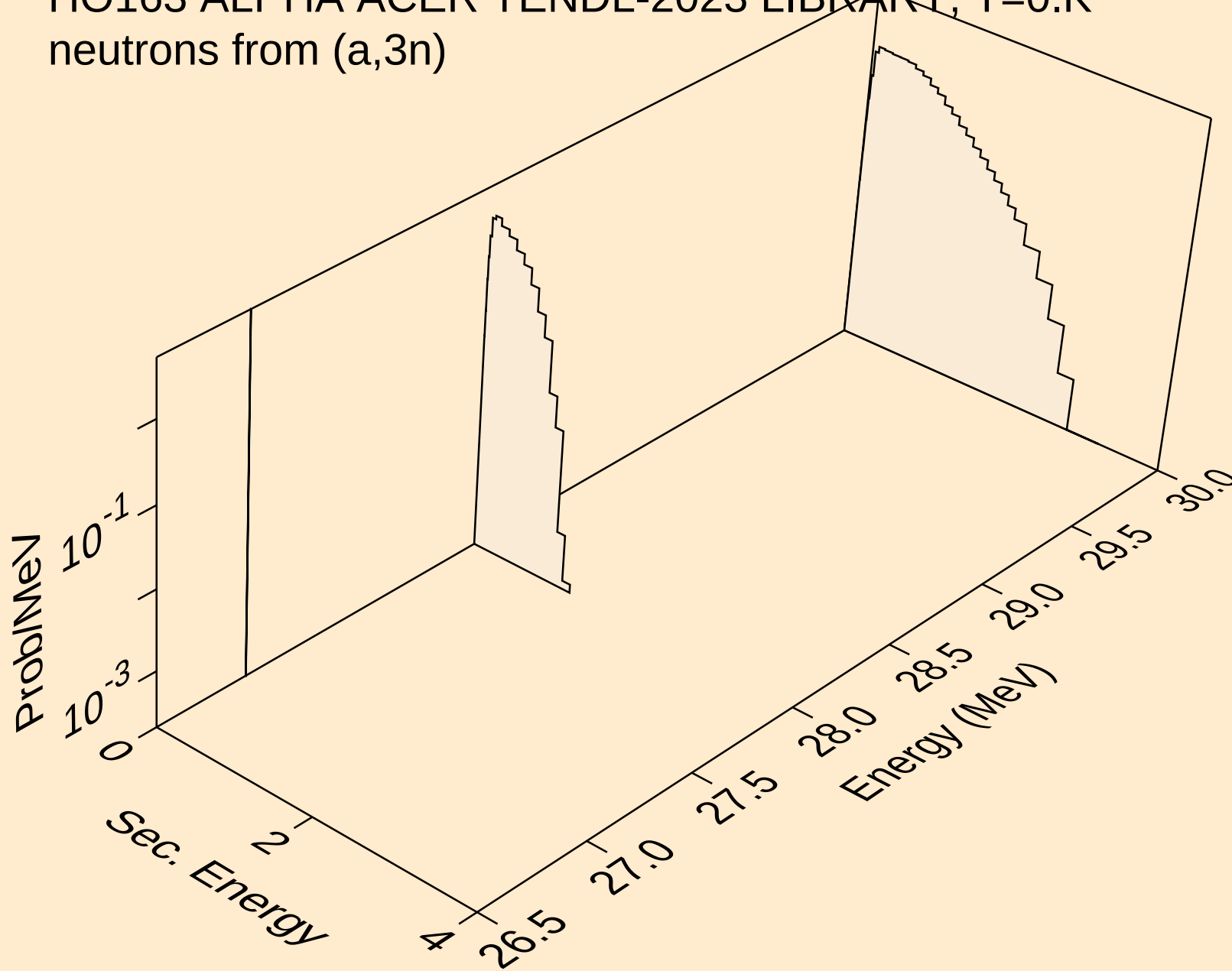
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



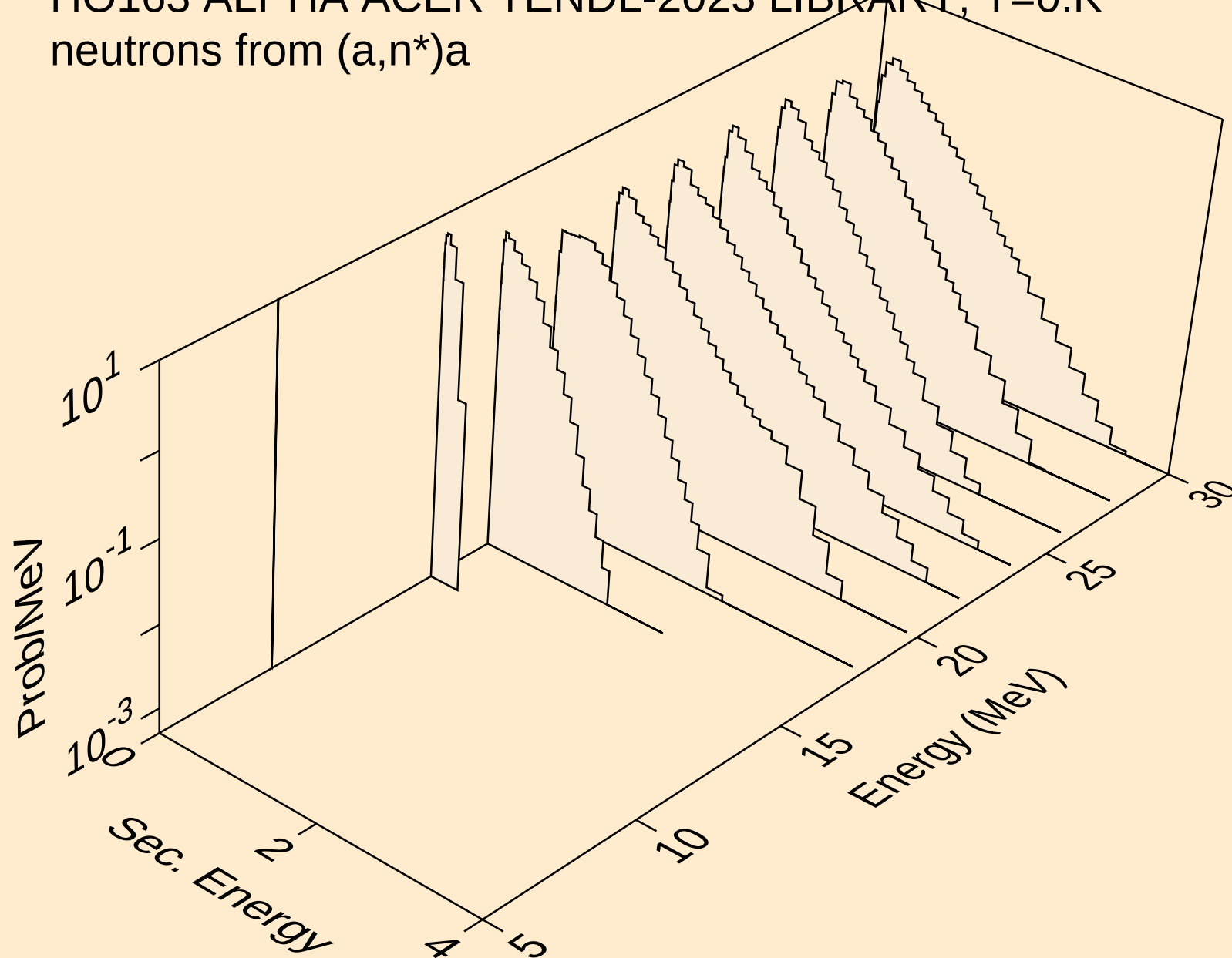
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neutrons from (a,2n)



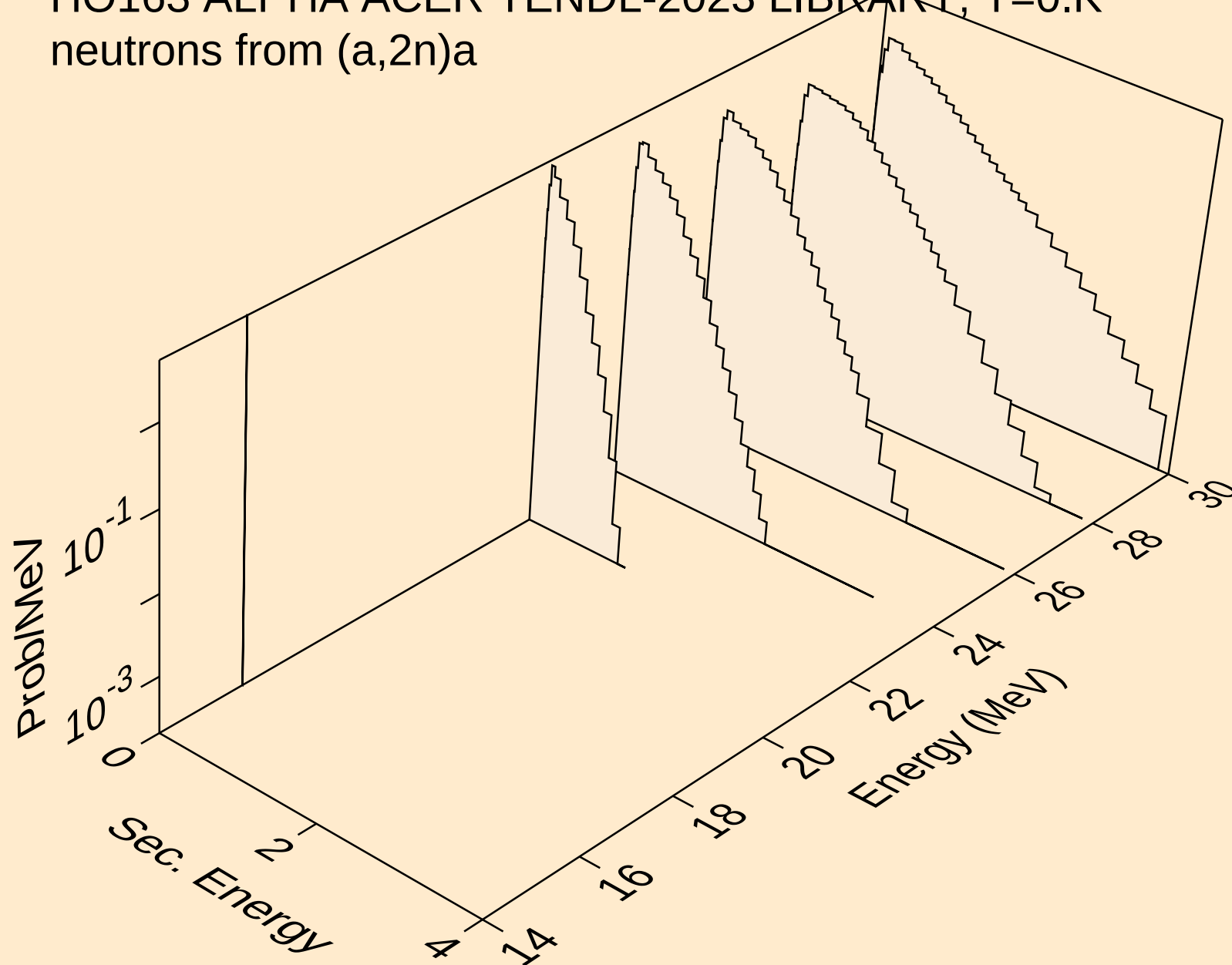
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,3n)



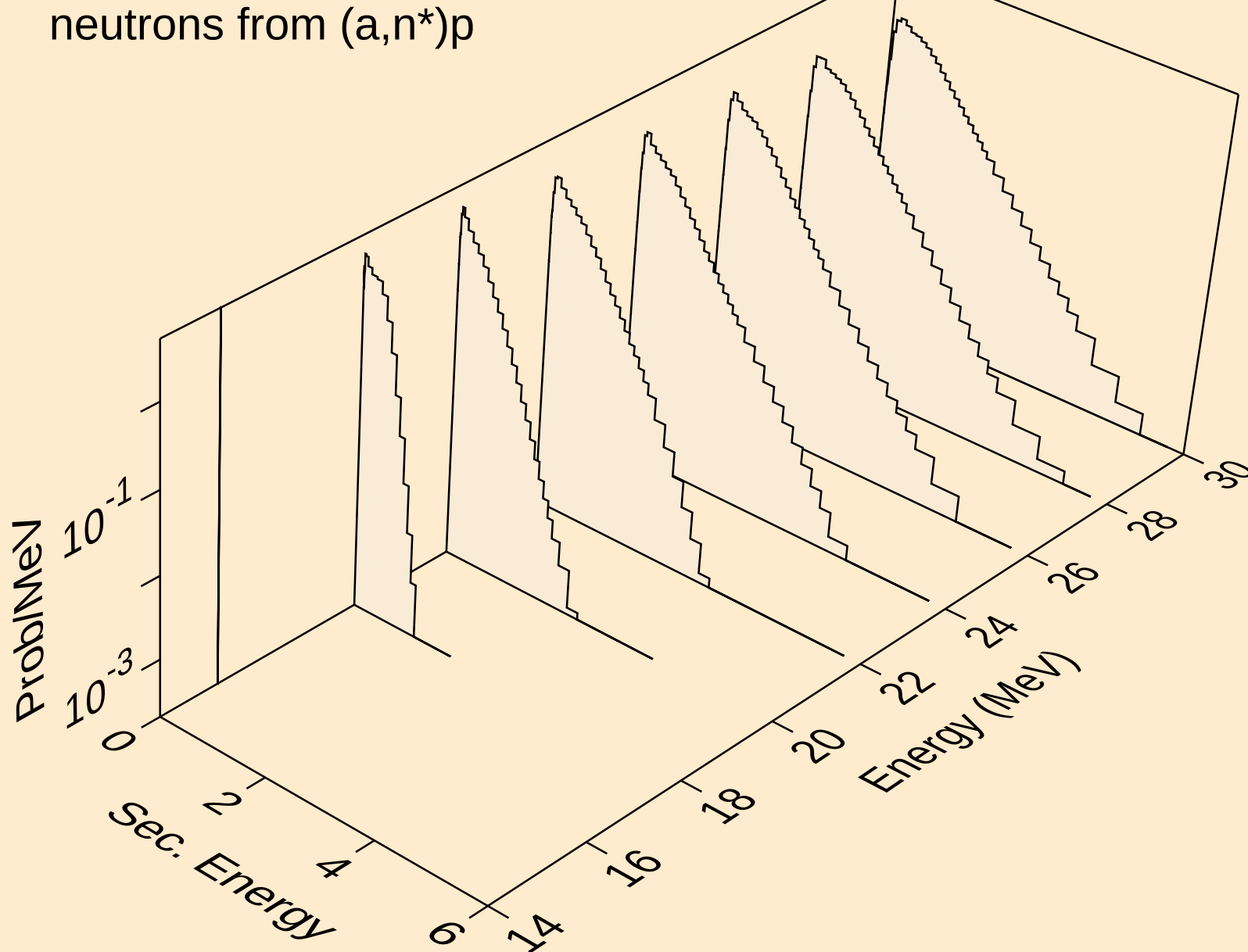
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



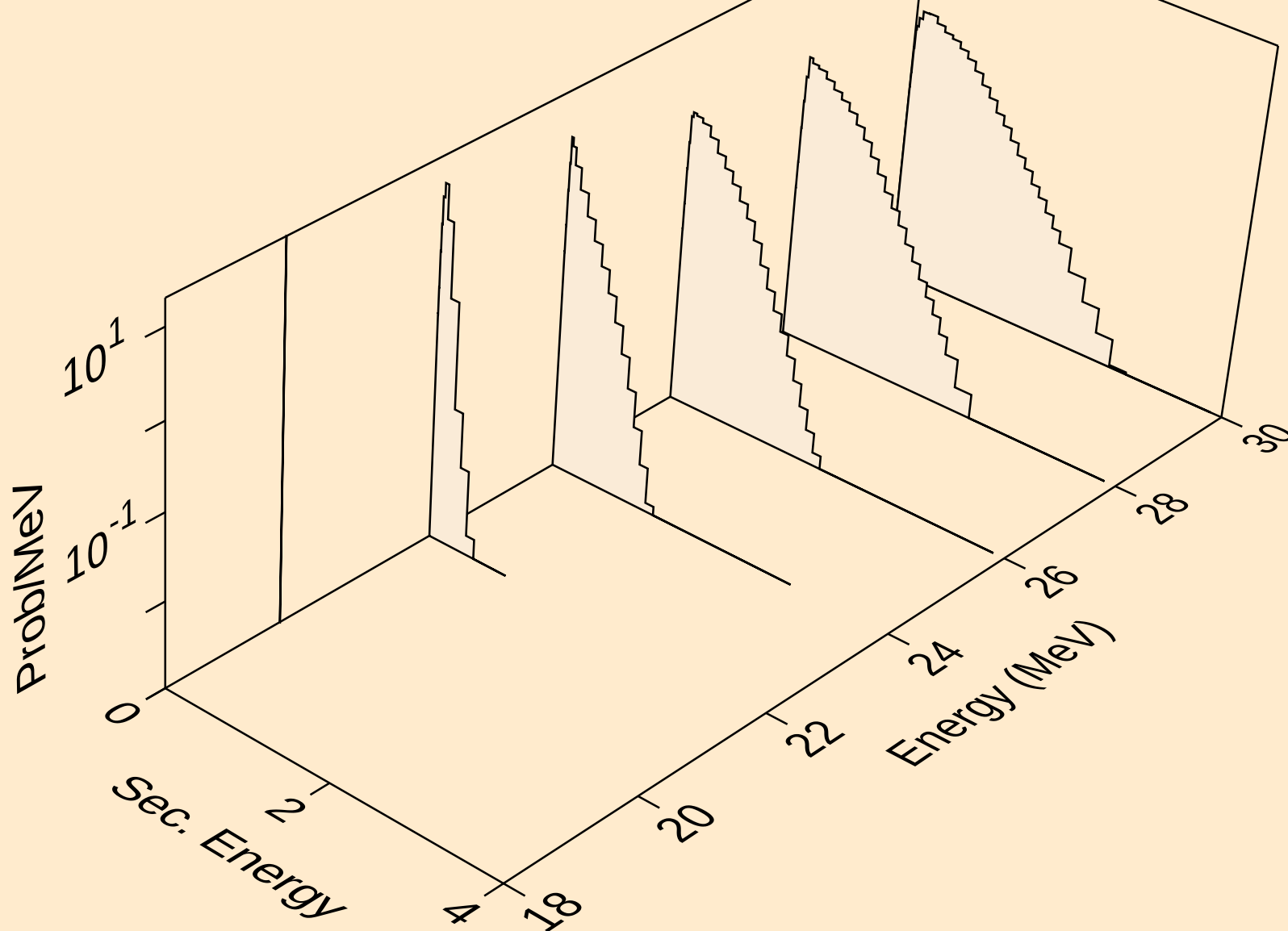
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)a



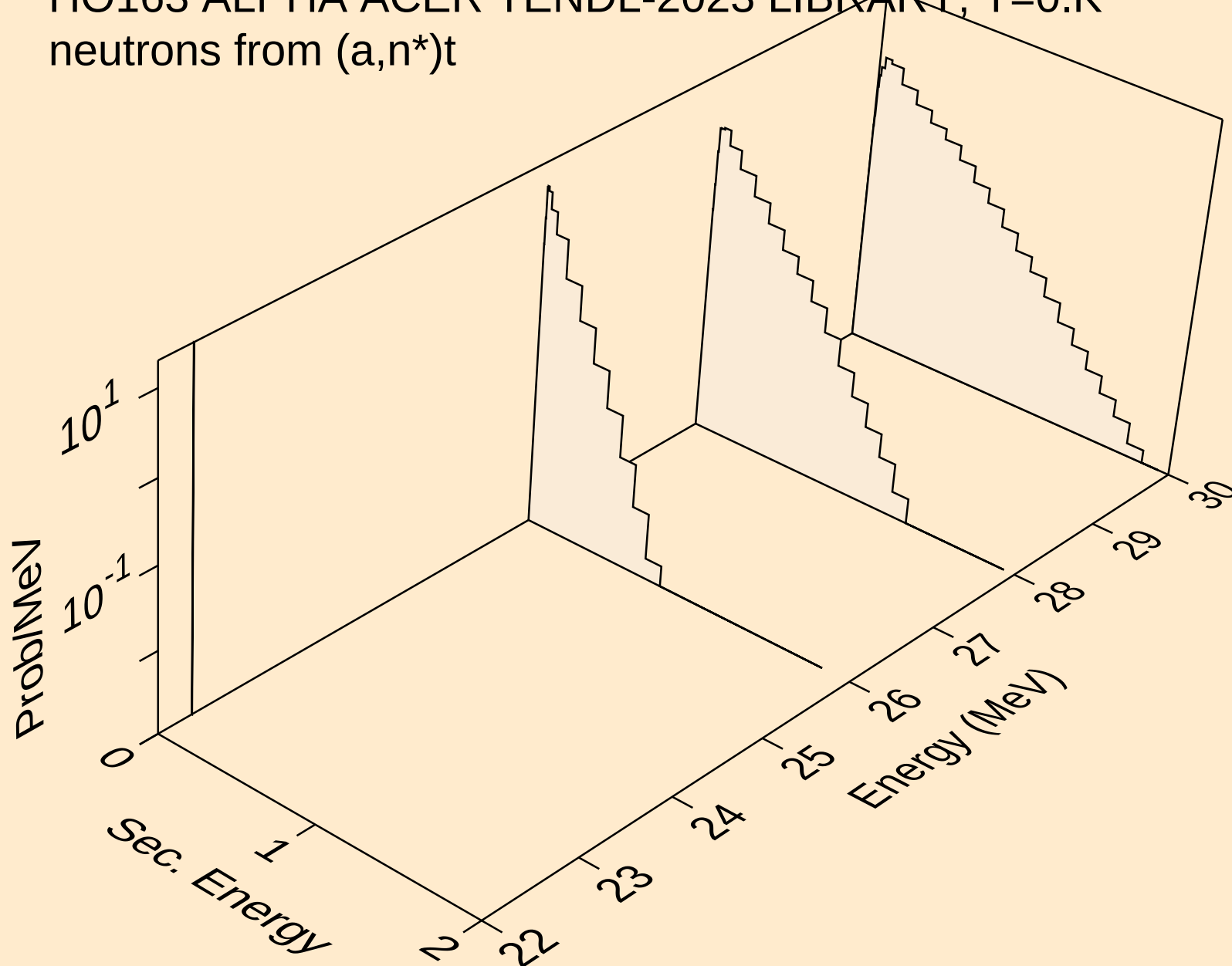
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neutrons from (a,n*)p



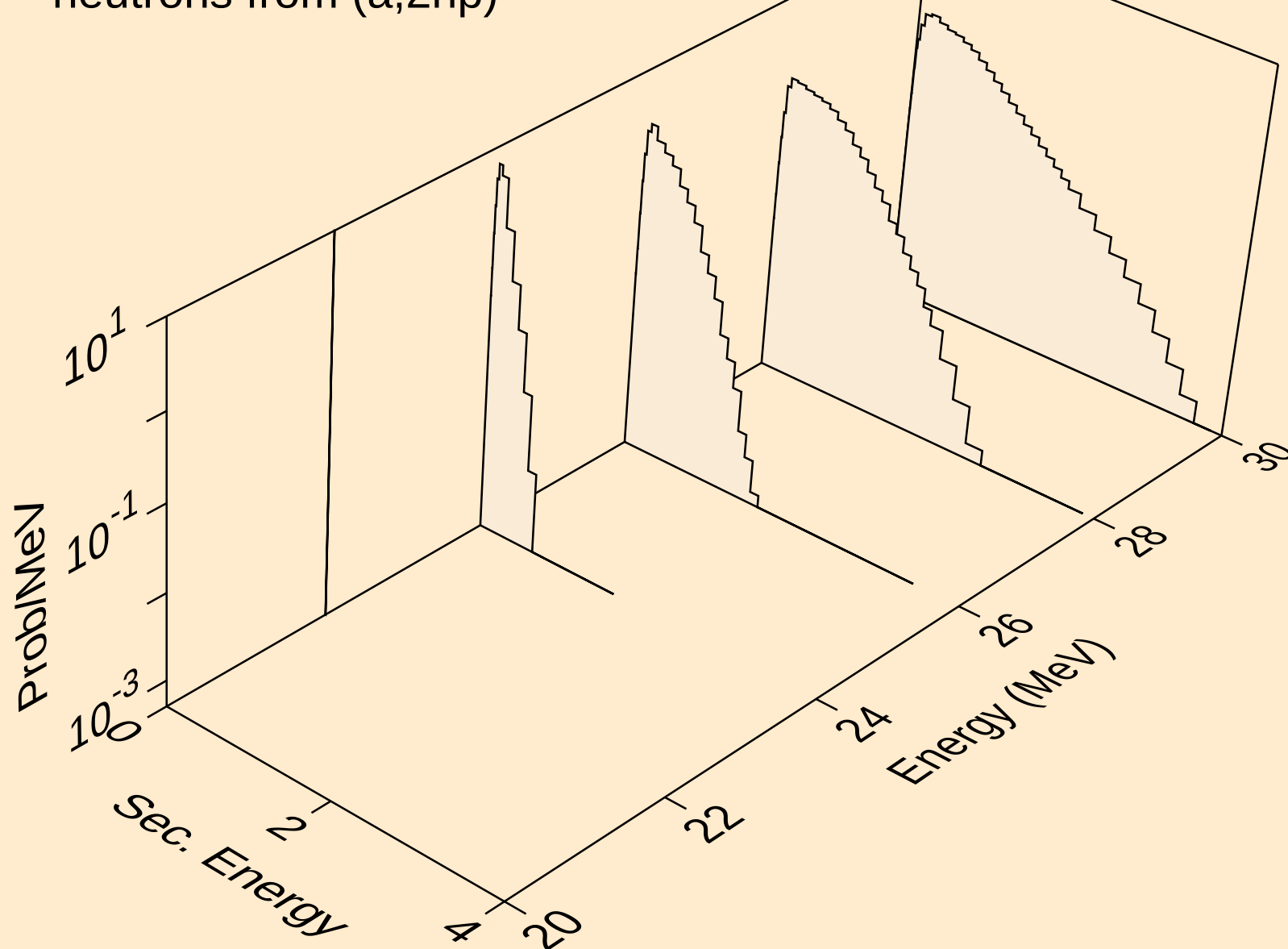
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)d



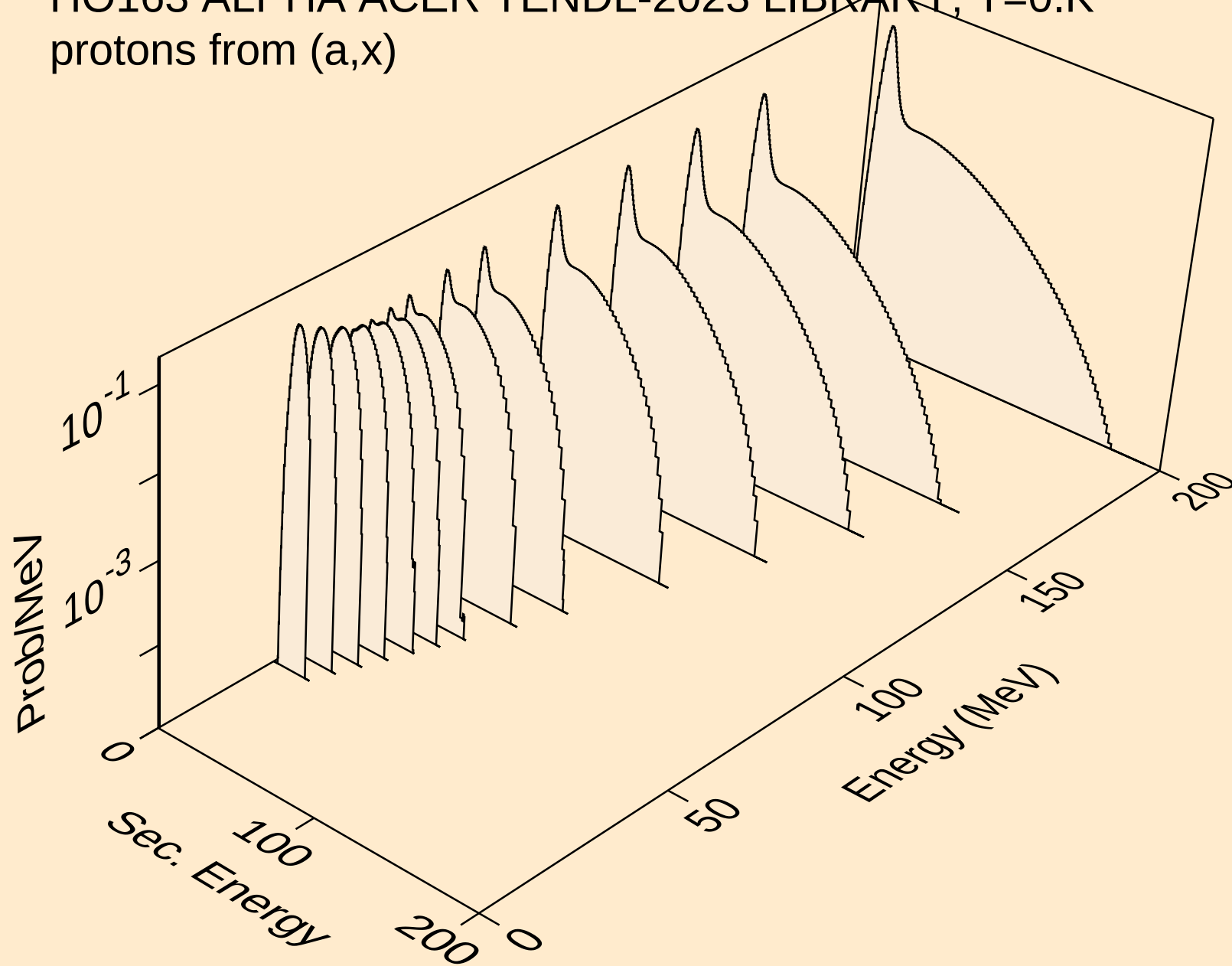
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)t



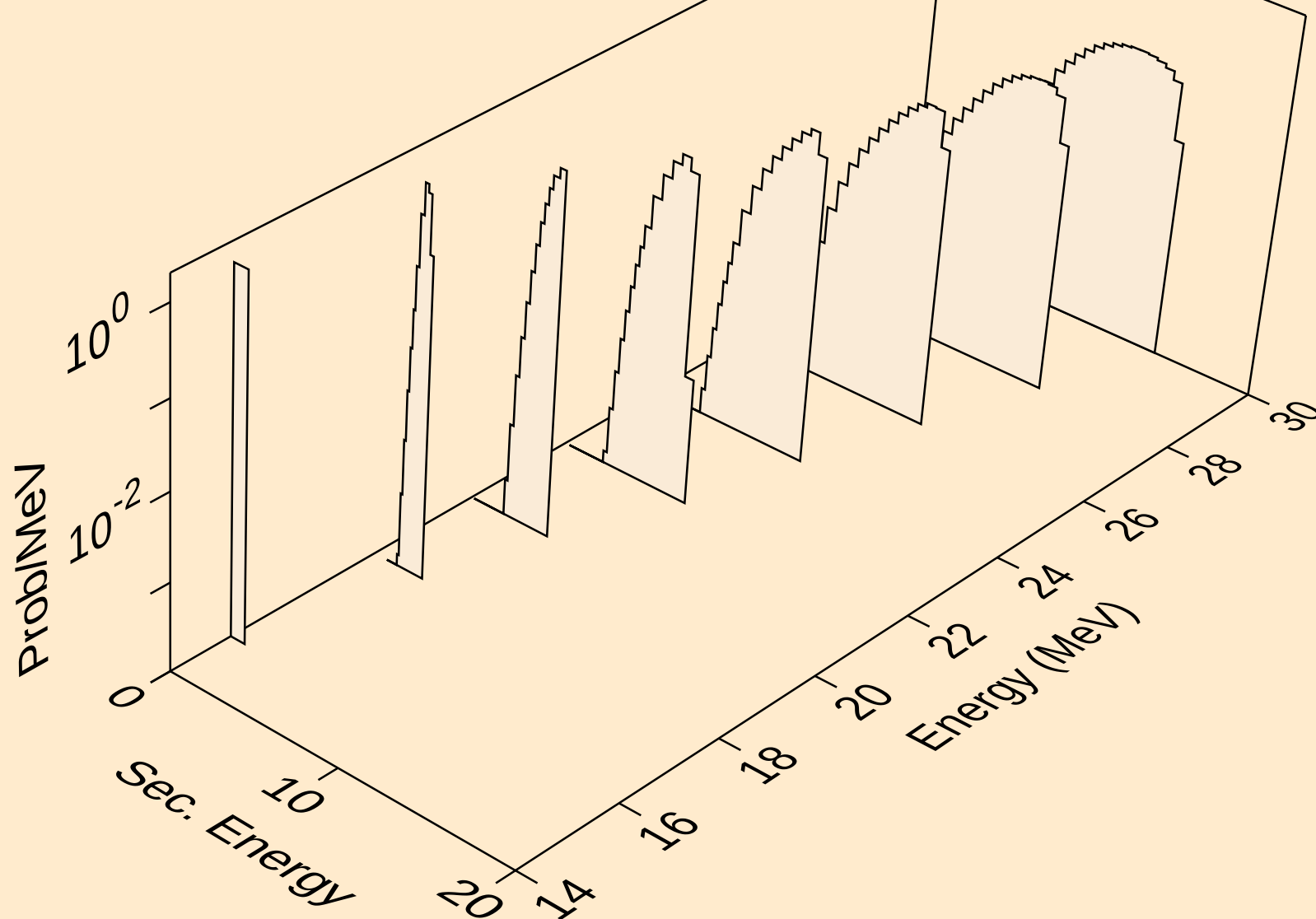
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2np)



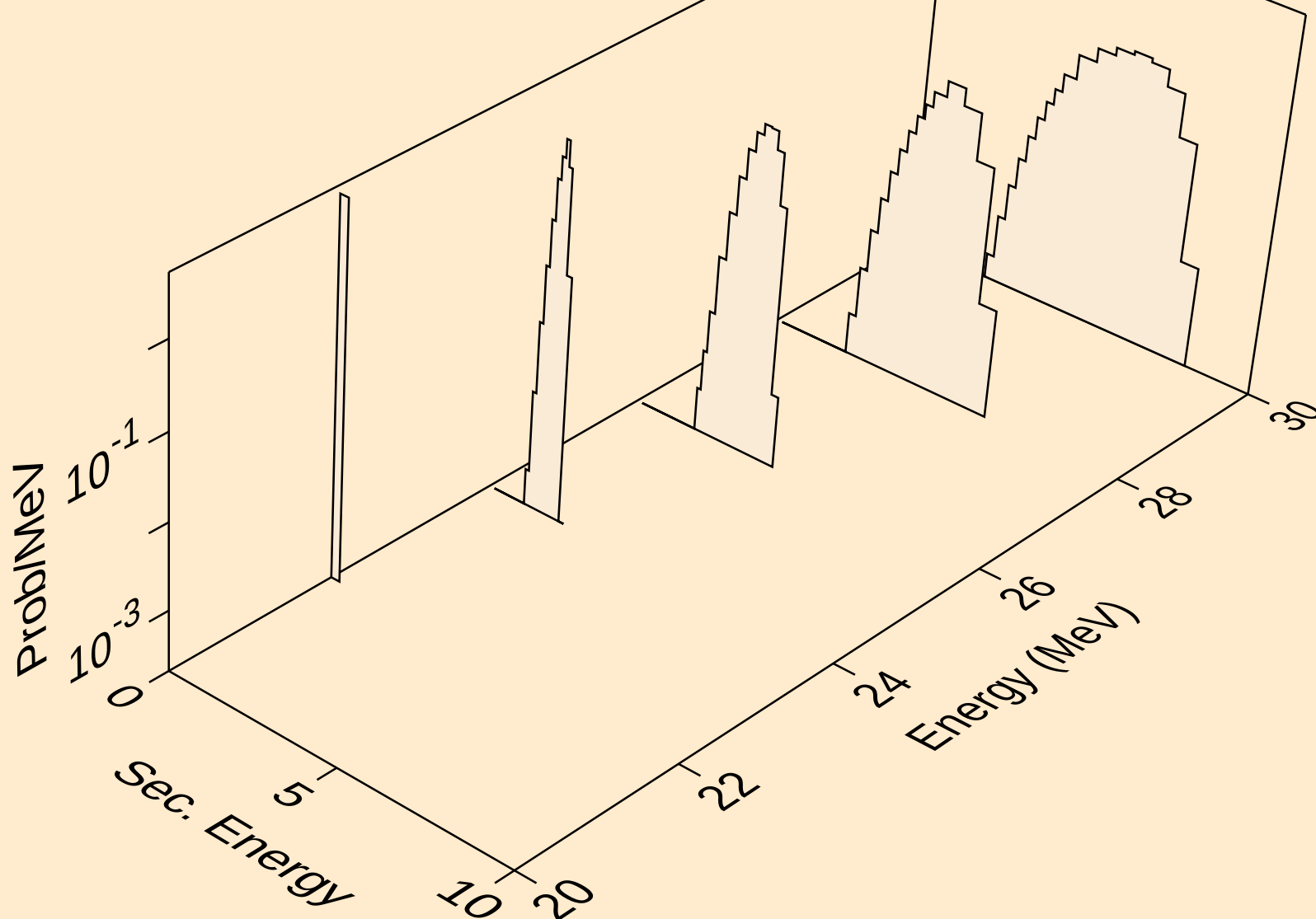
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,x)



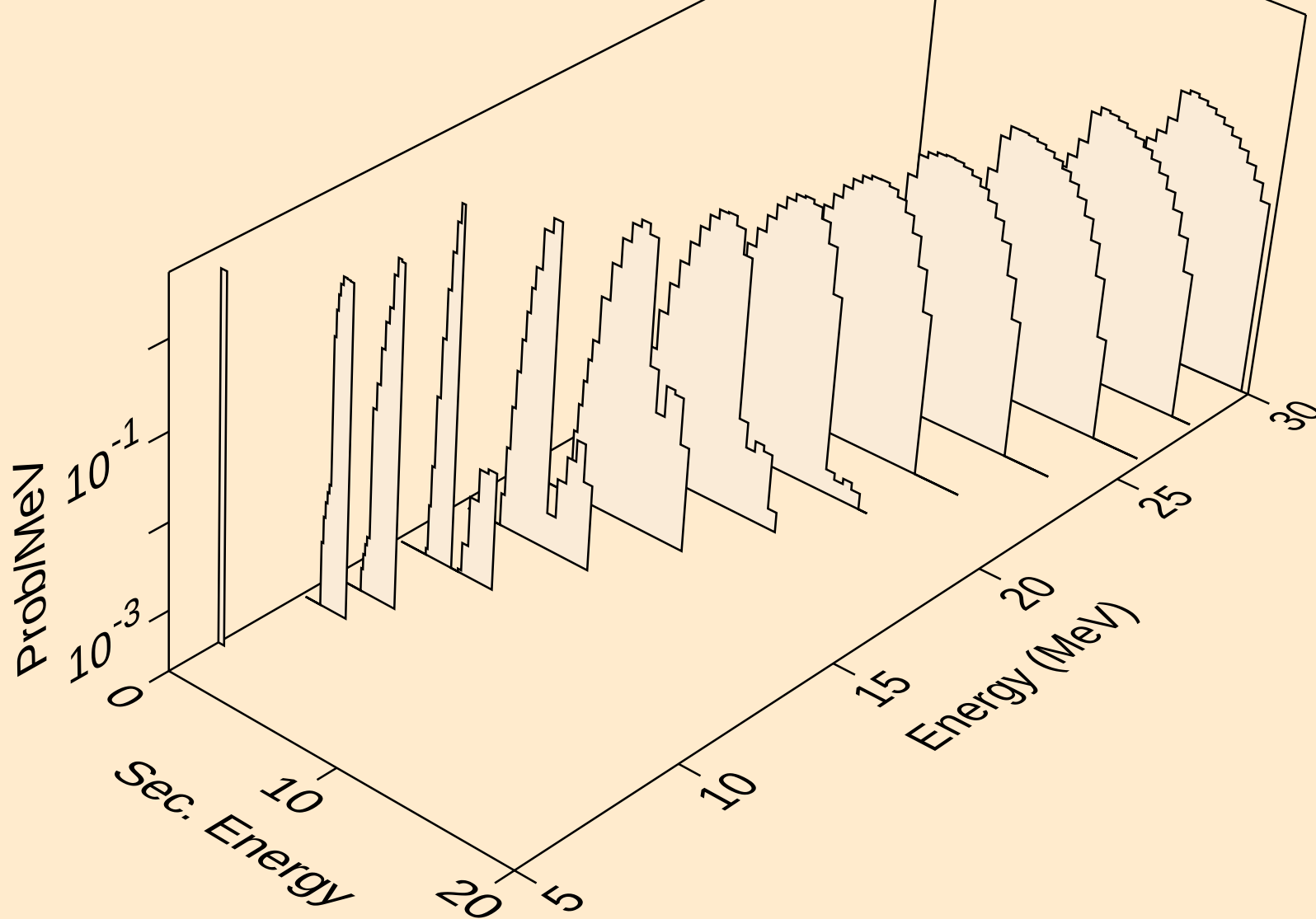
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n*)p



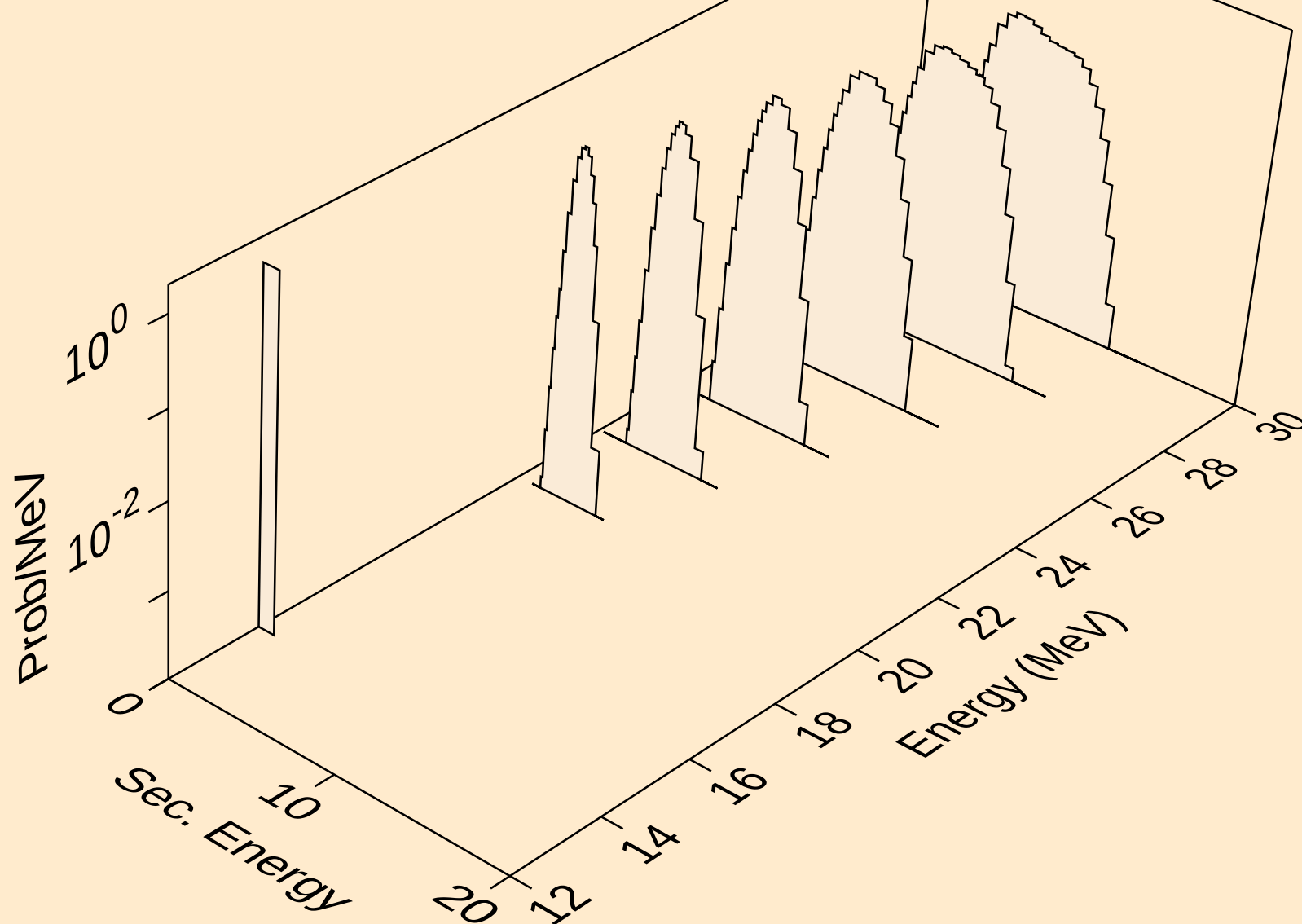
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protons from (a,2np)



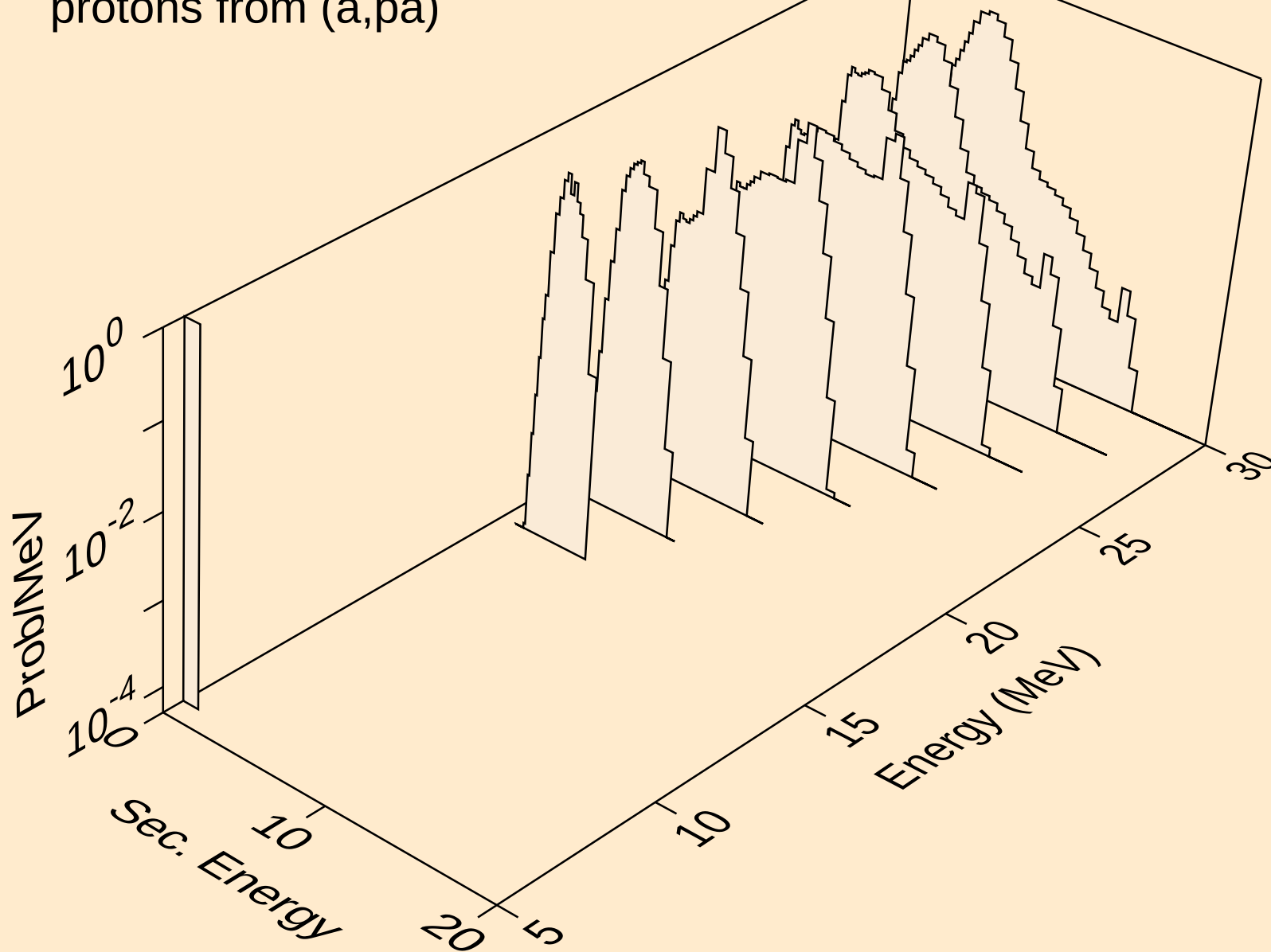
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protons from (a,p)



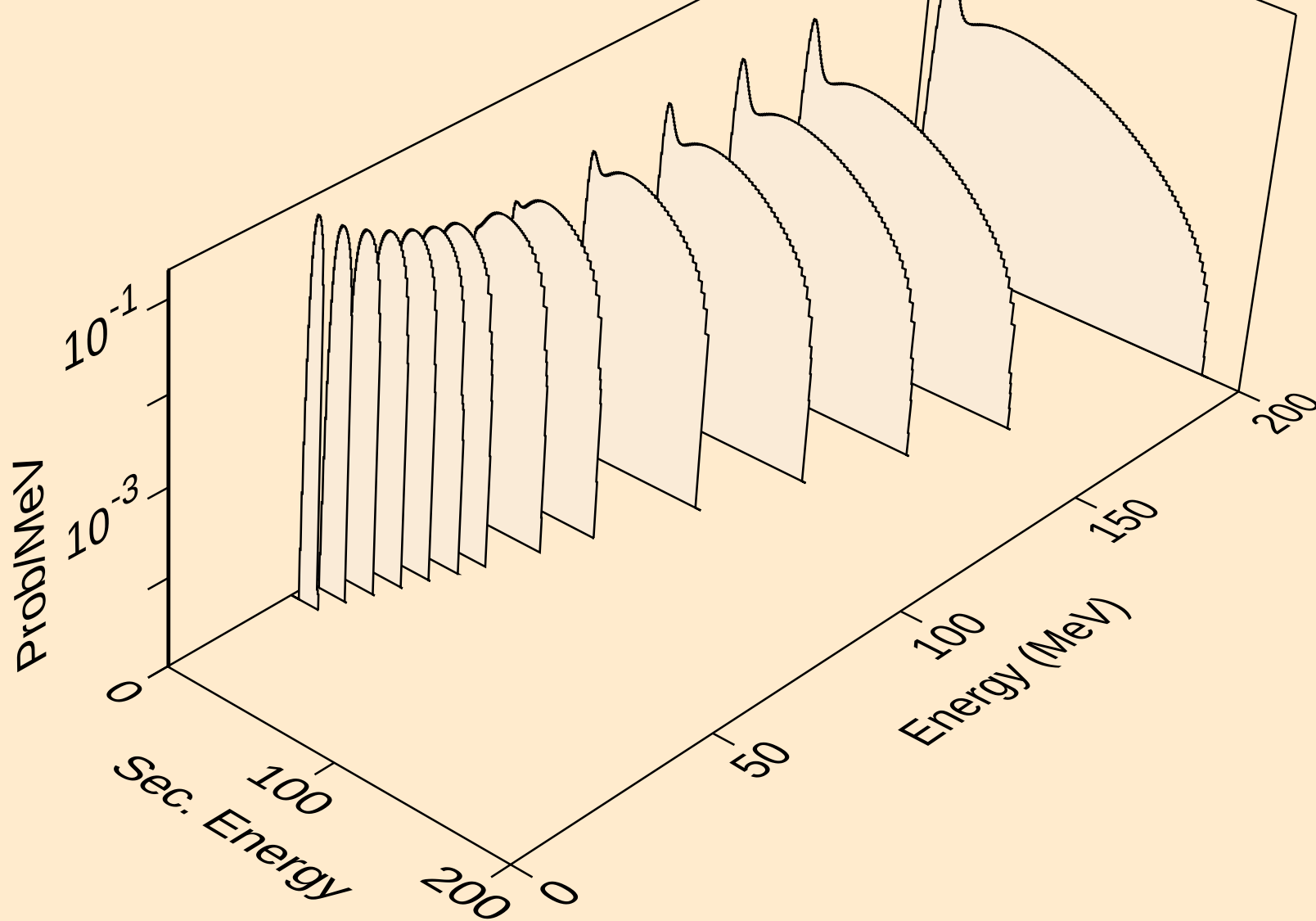
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protons from (a,2p)



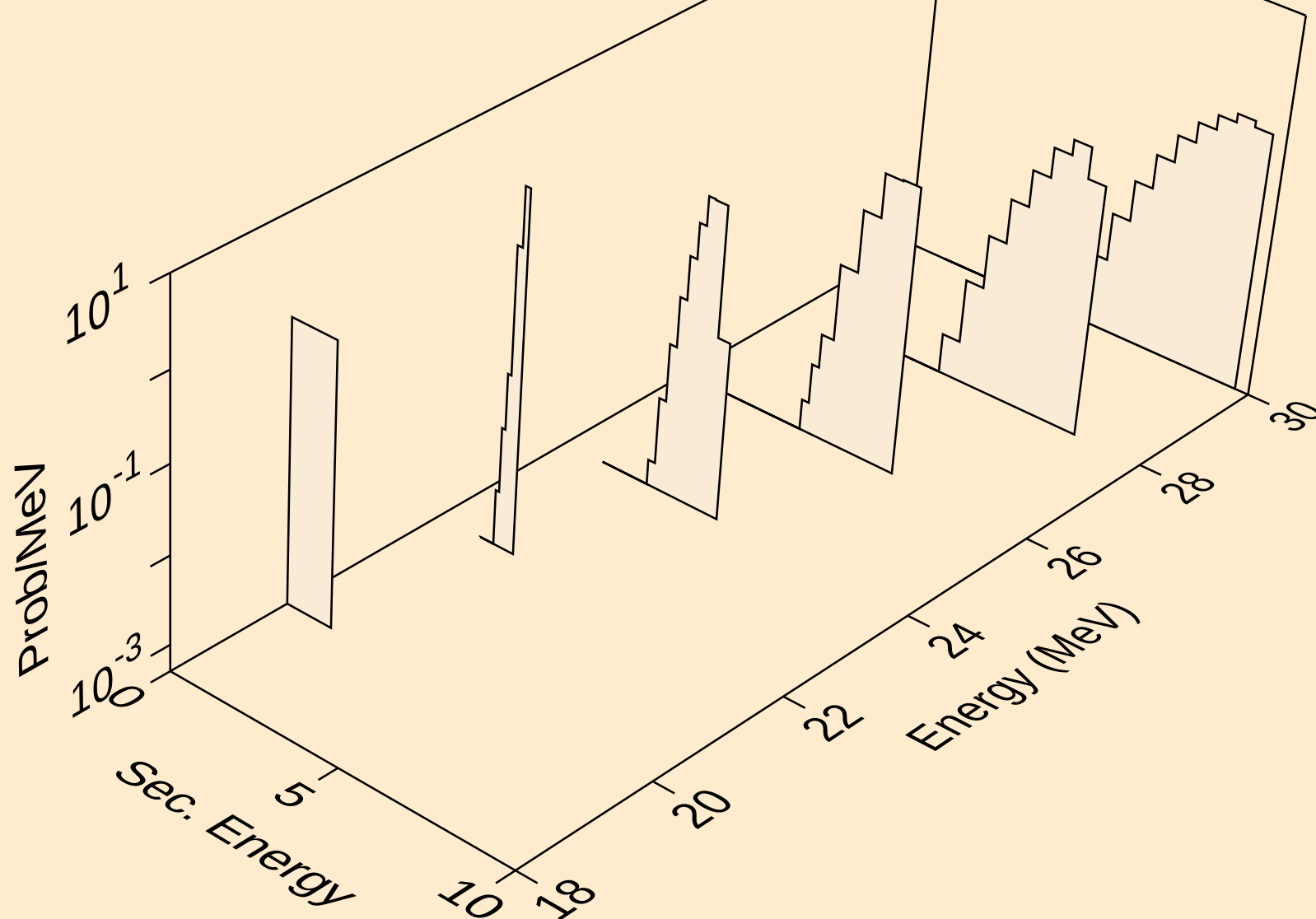
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pa)



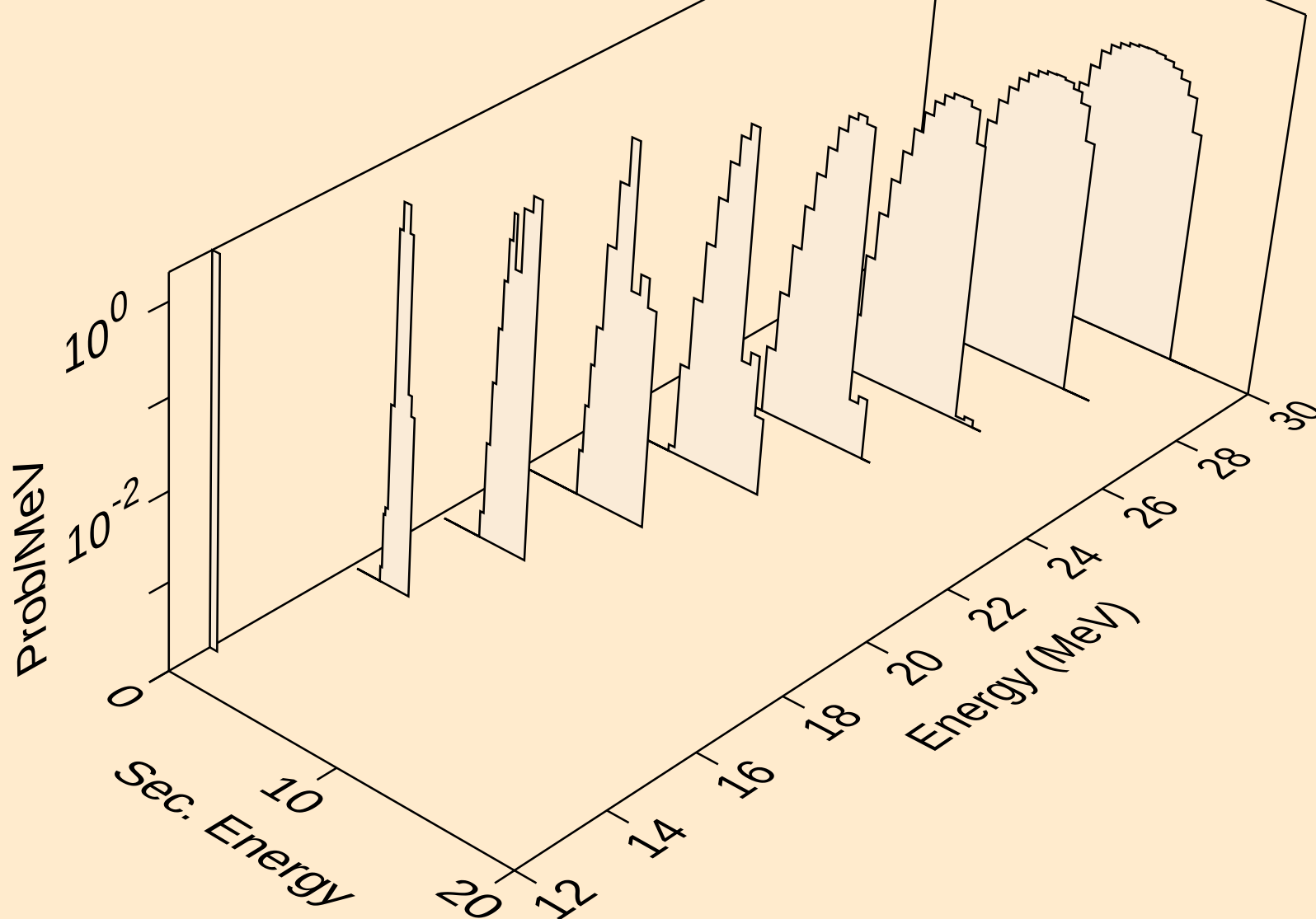
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



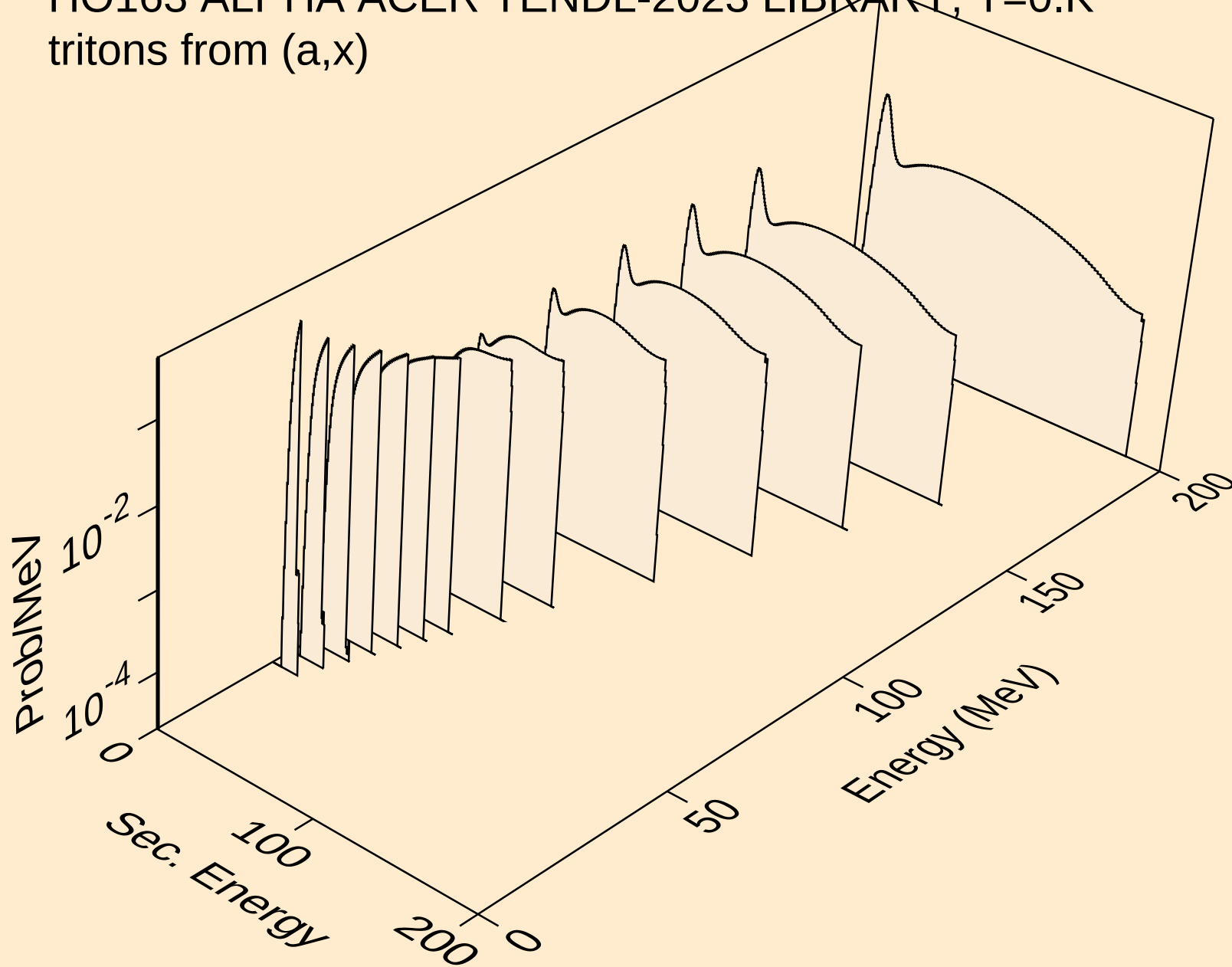
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,n*)d



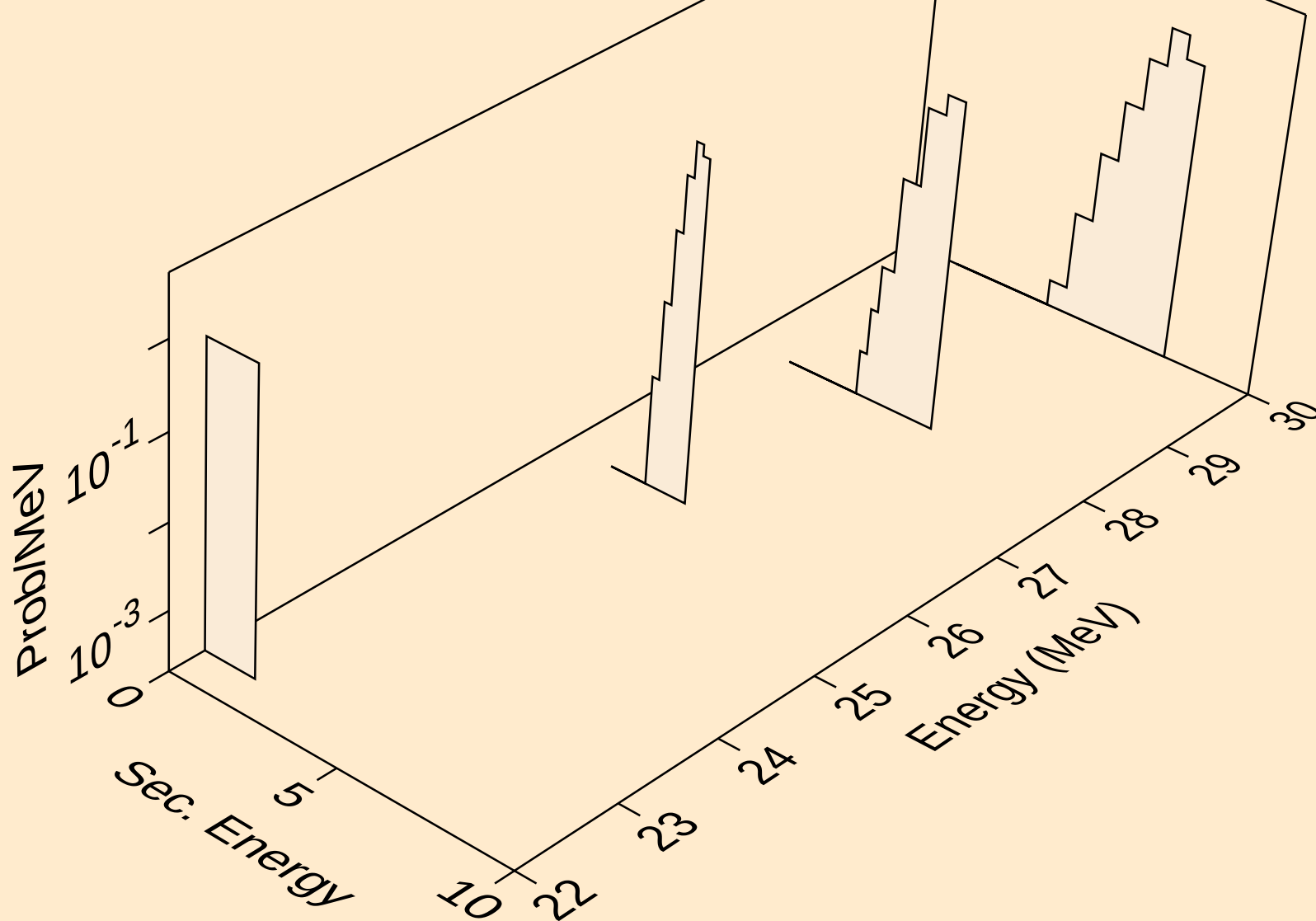
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



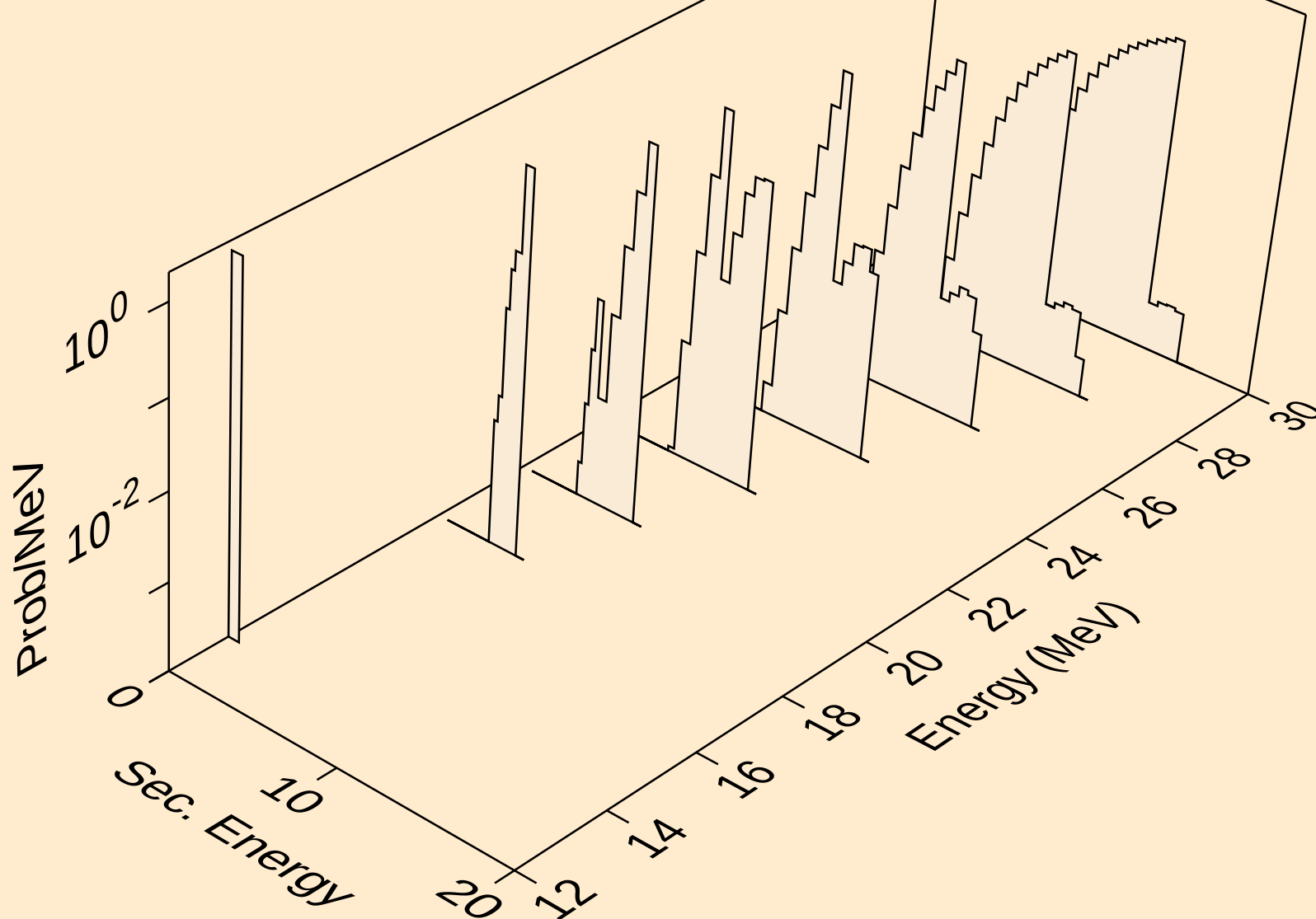
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



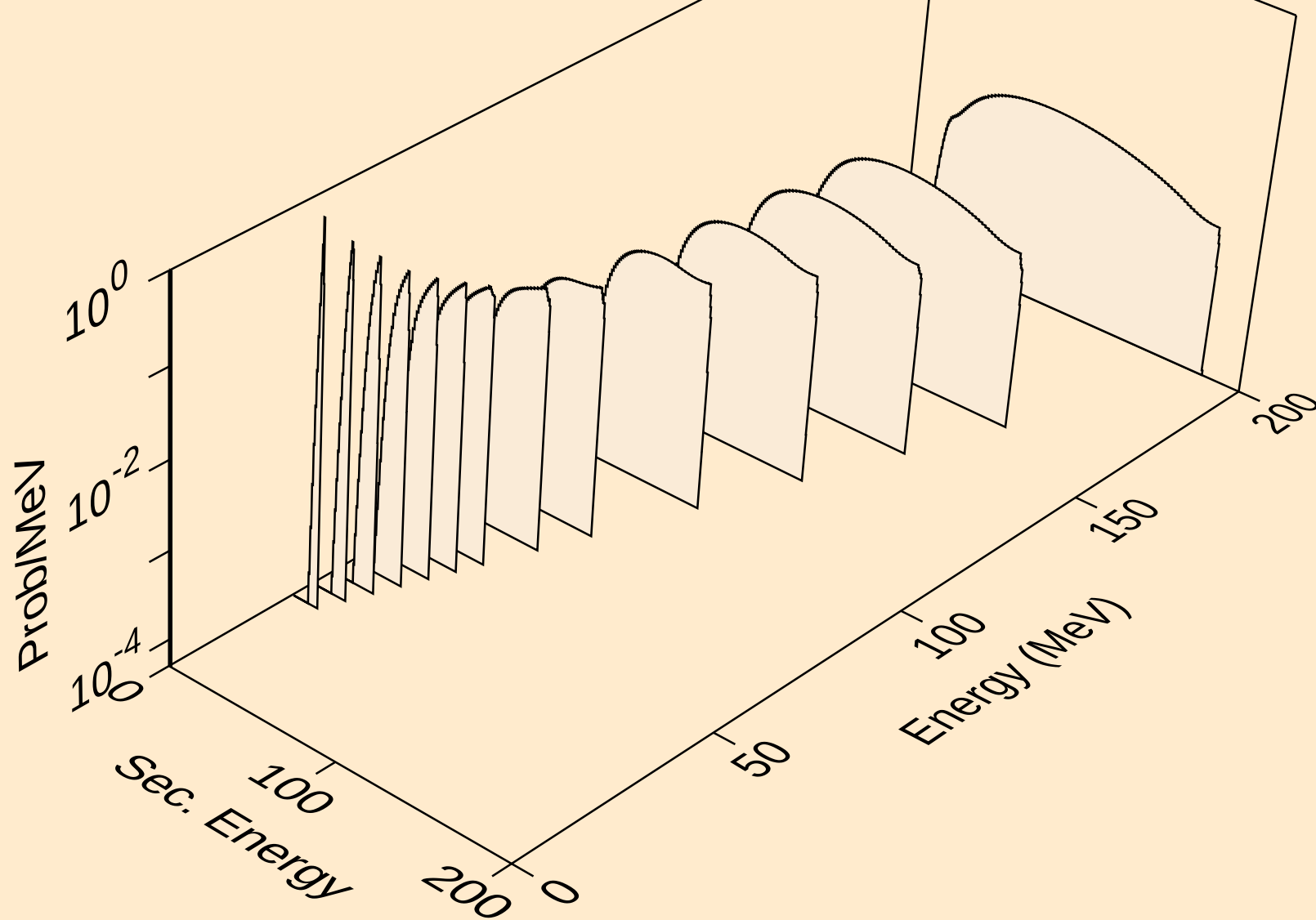
HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,n*)t



HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



HO163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

