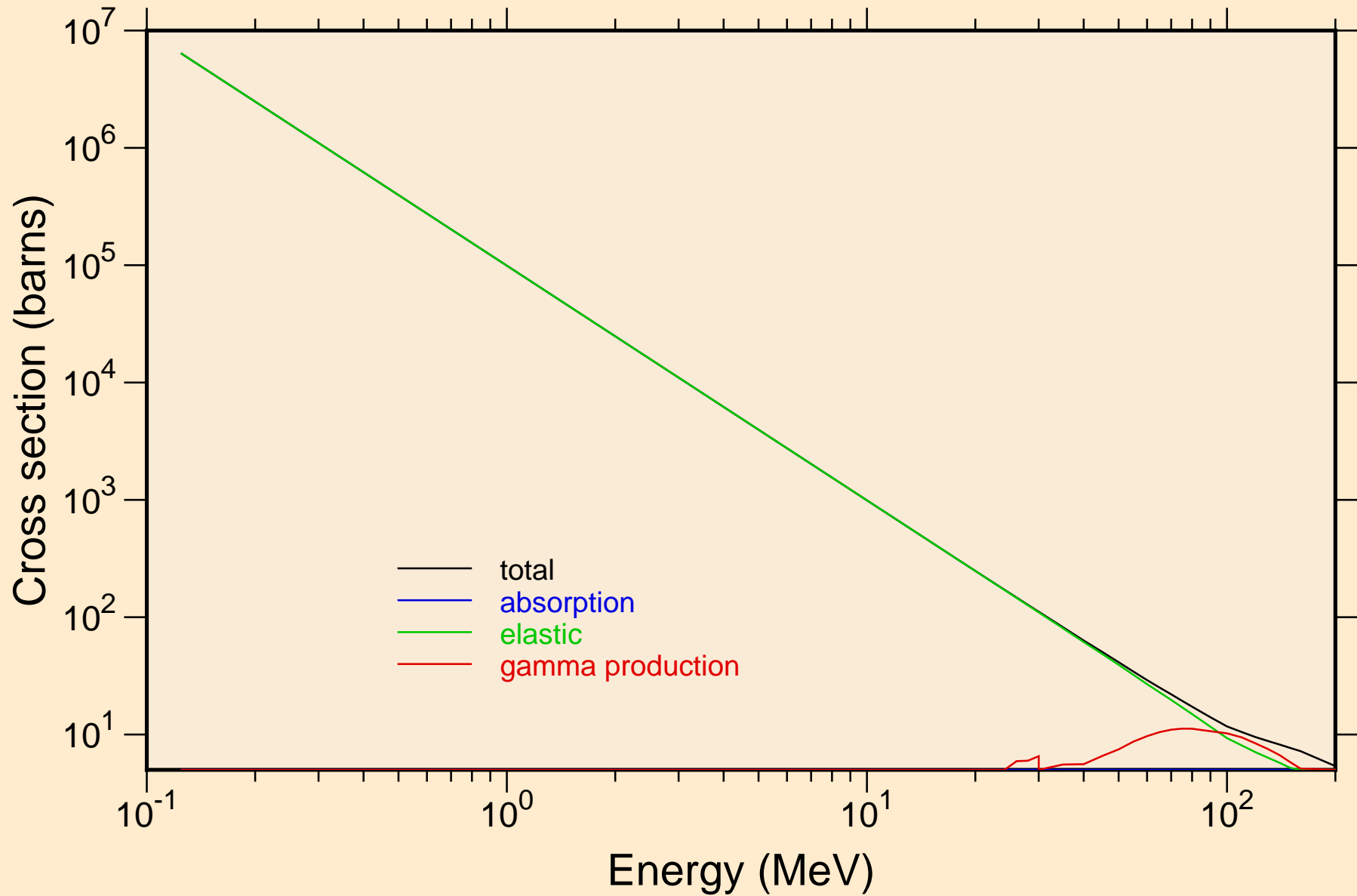


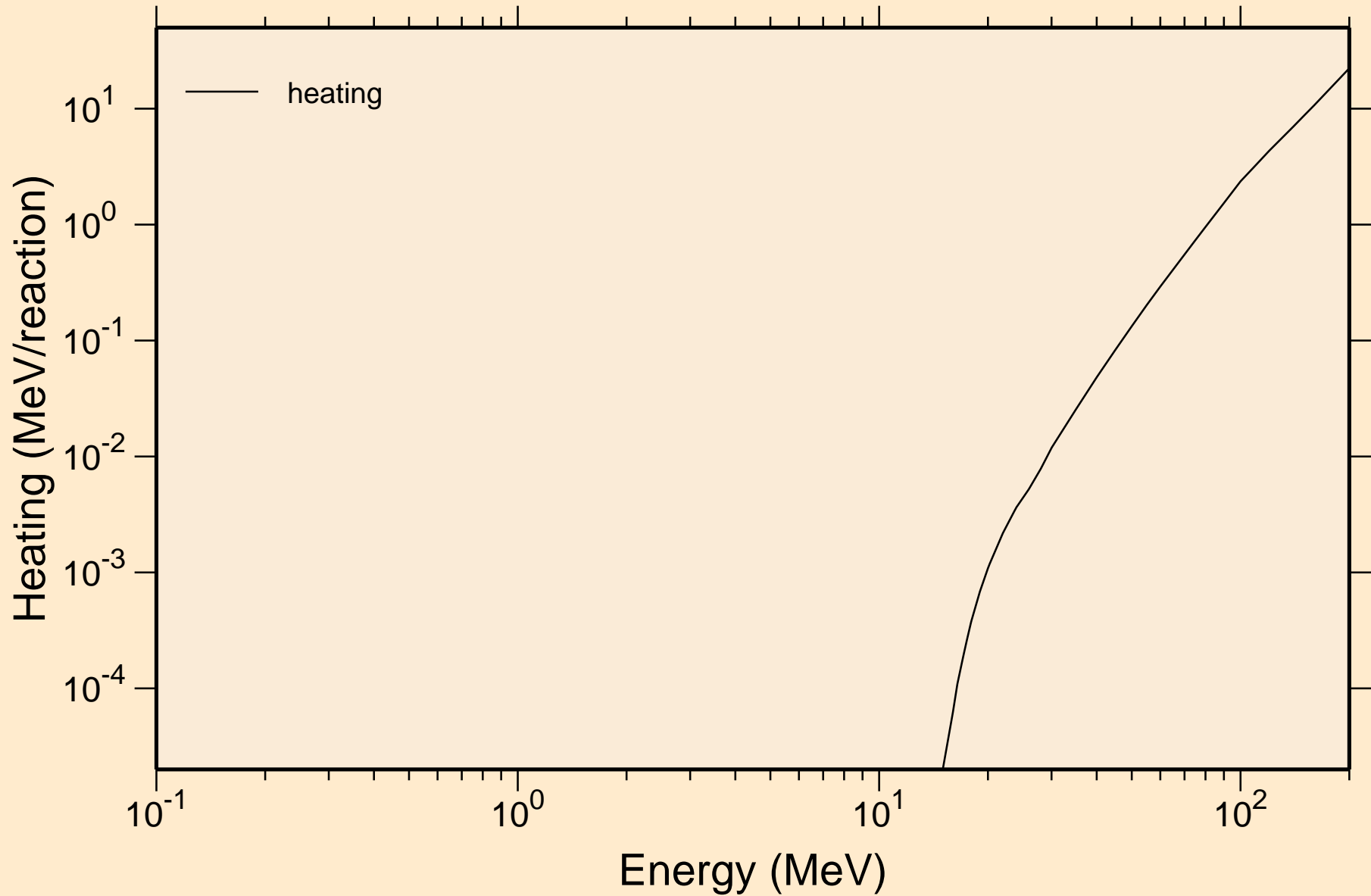
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



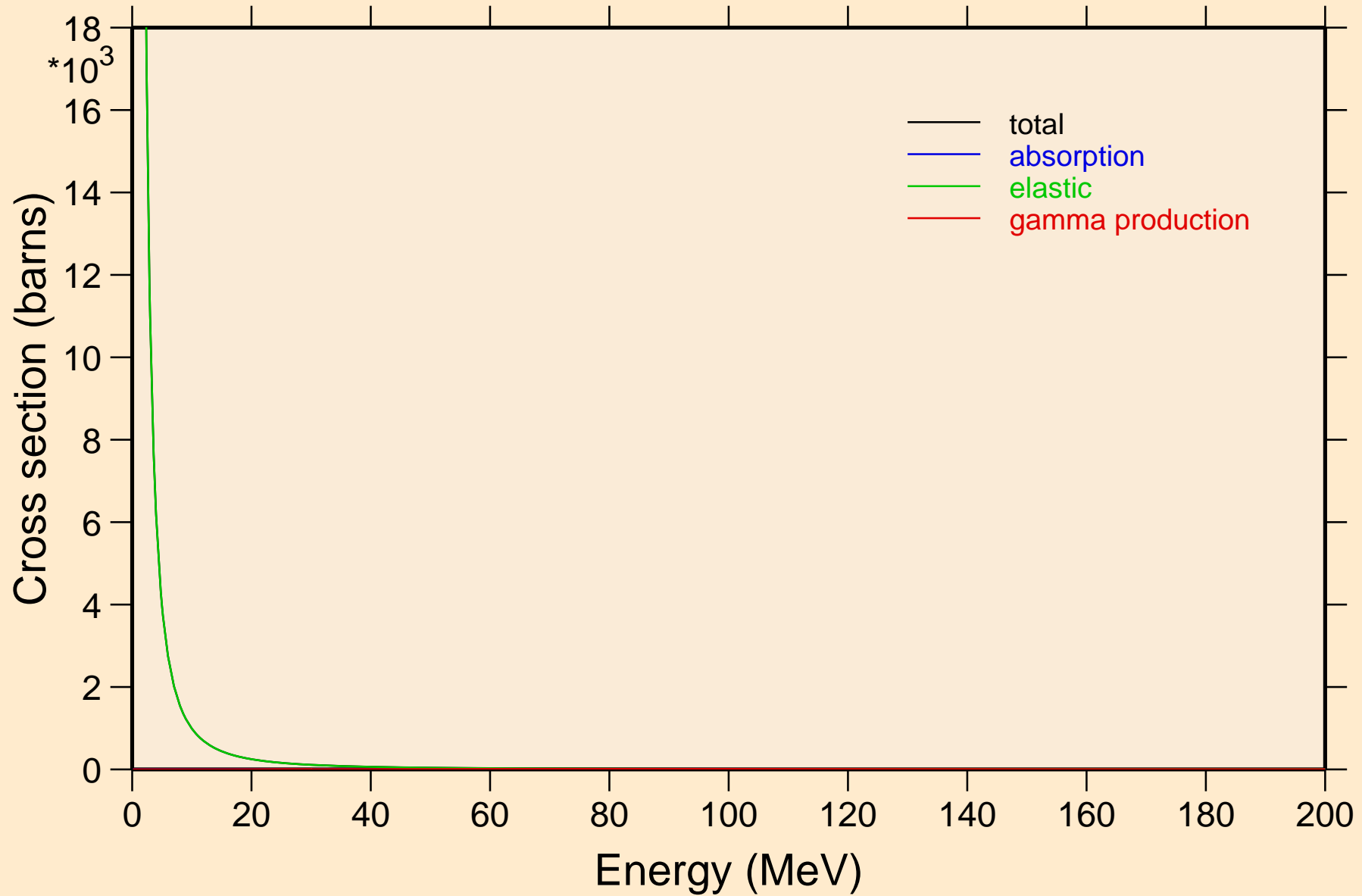
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Heating



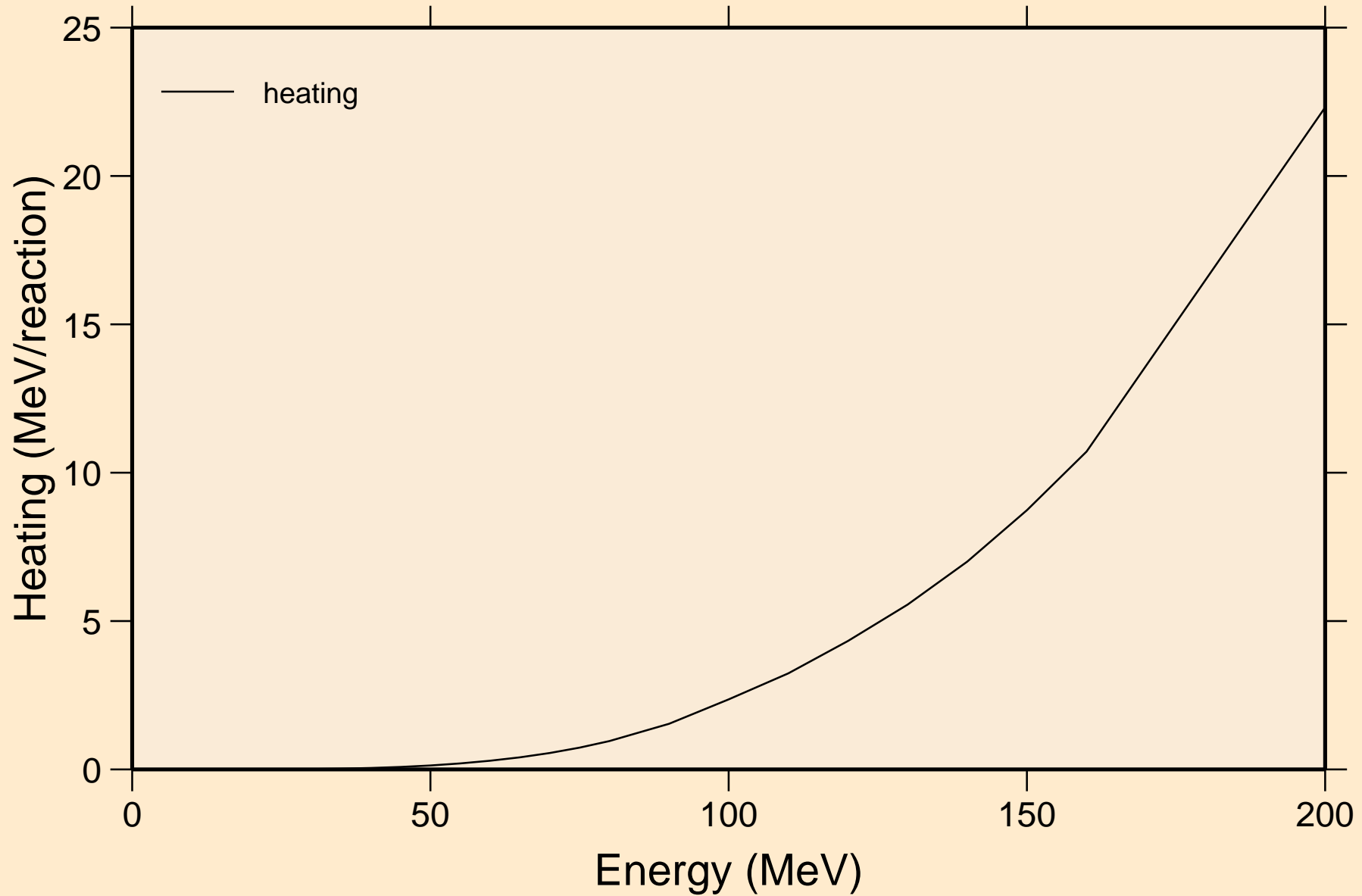
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Principal cross sections

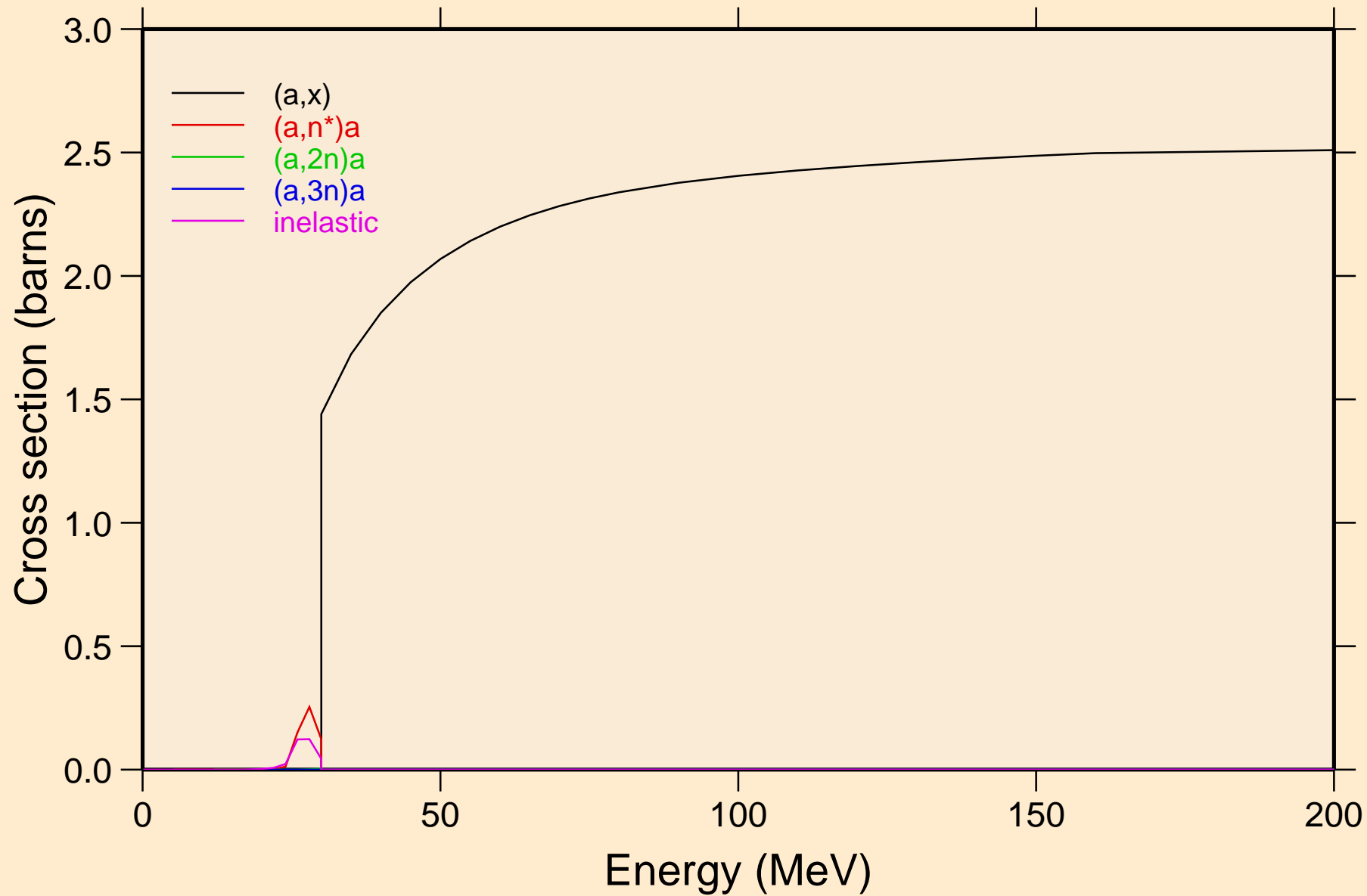


SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

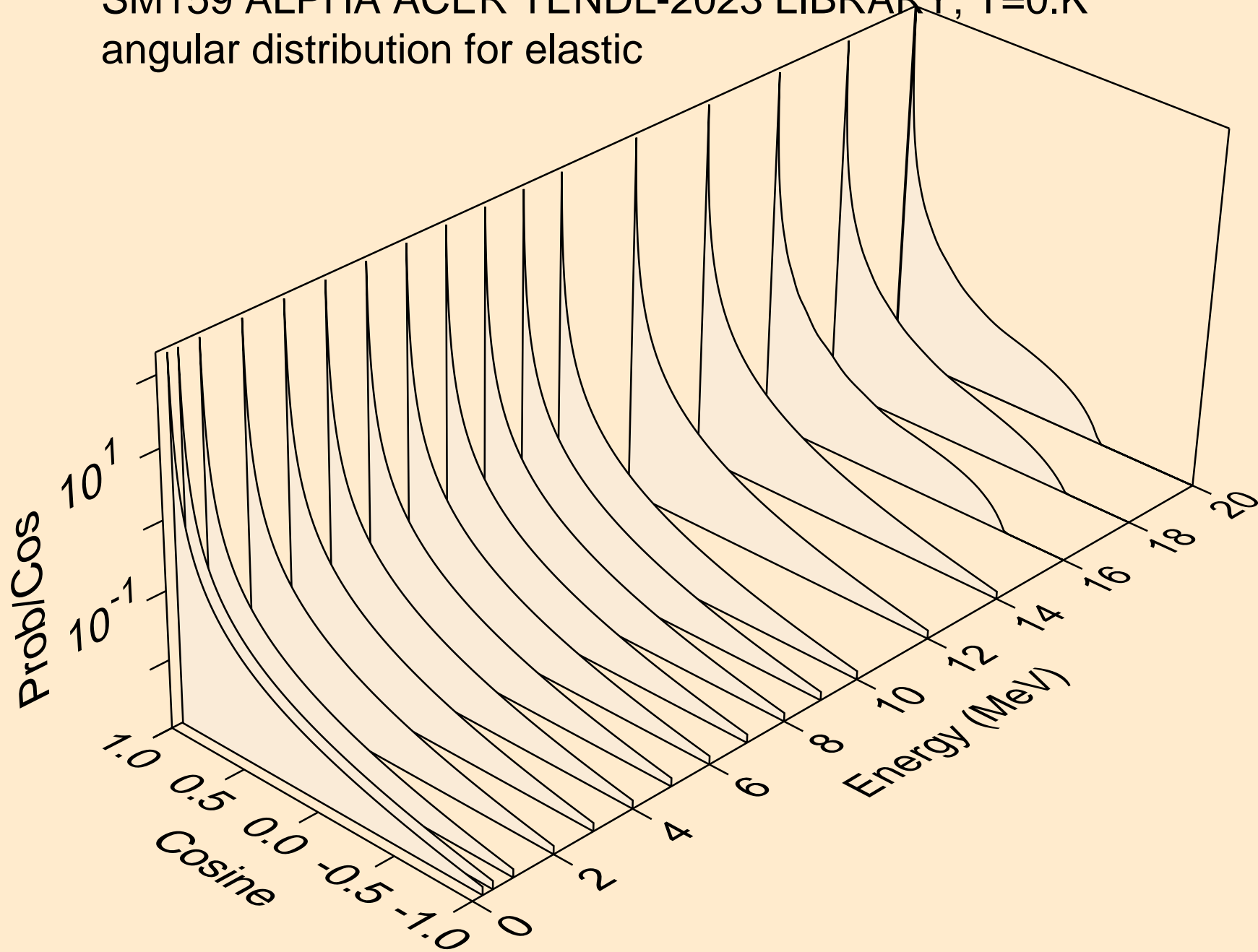
Heating



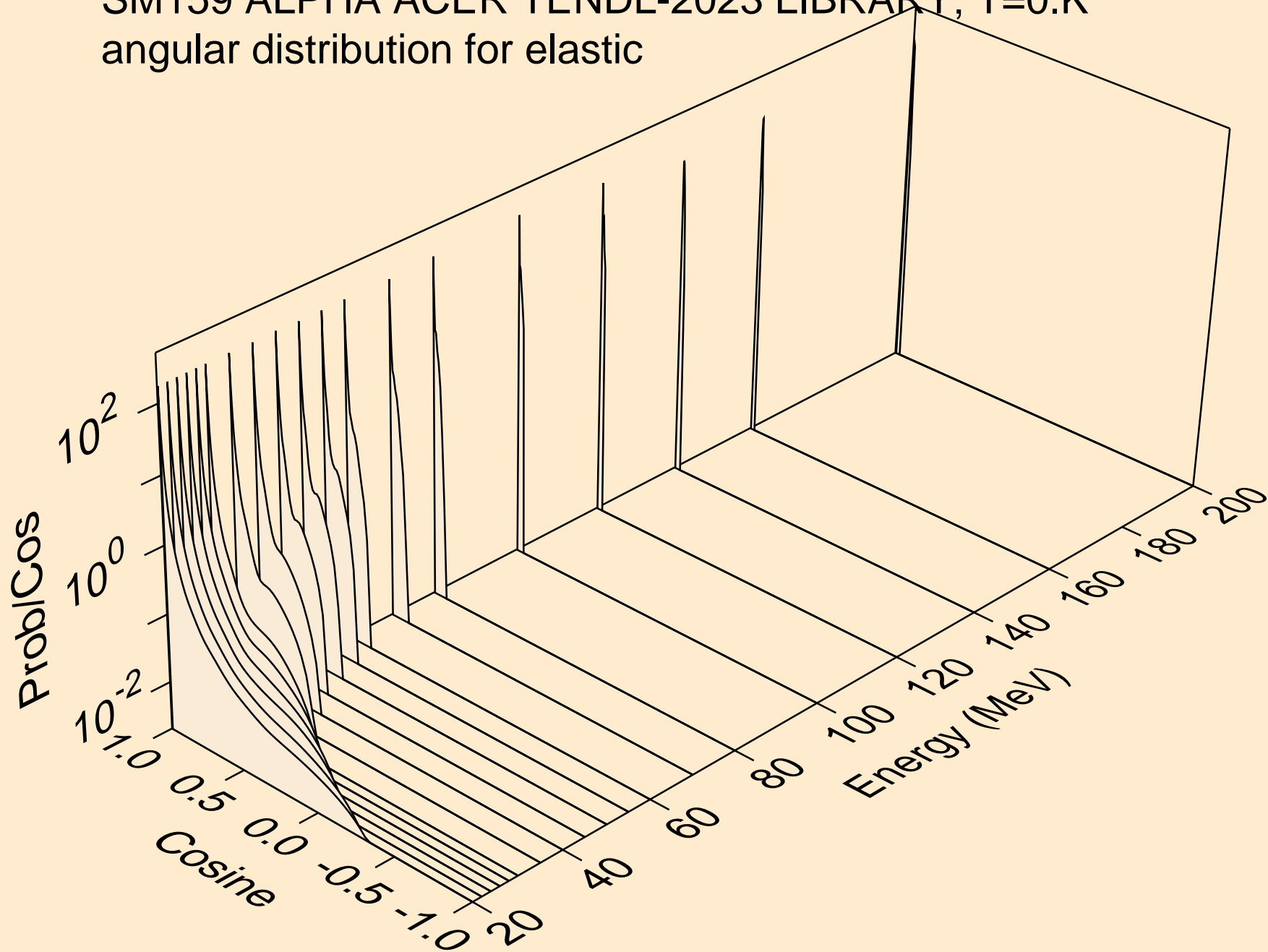
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Threshold reactions



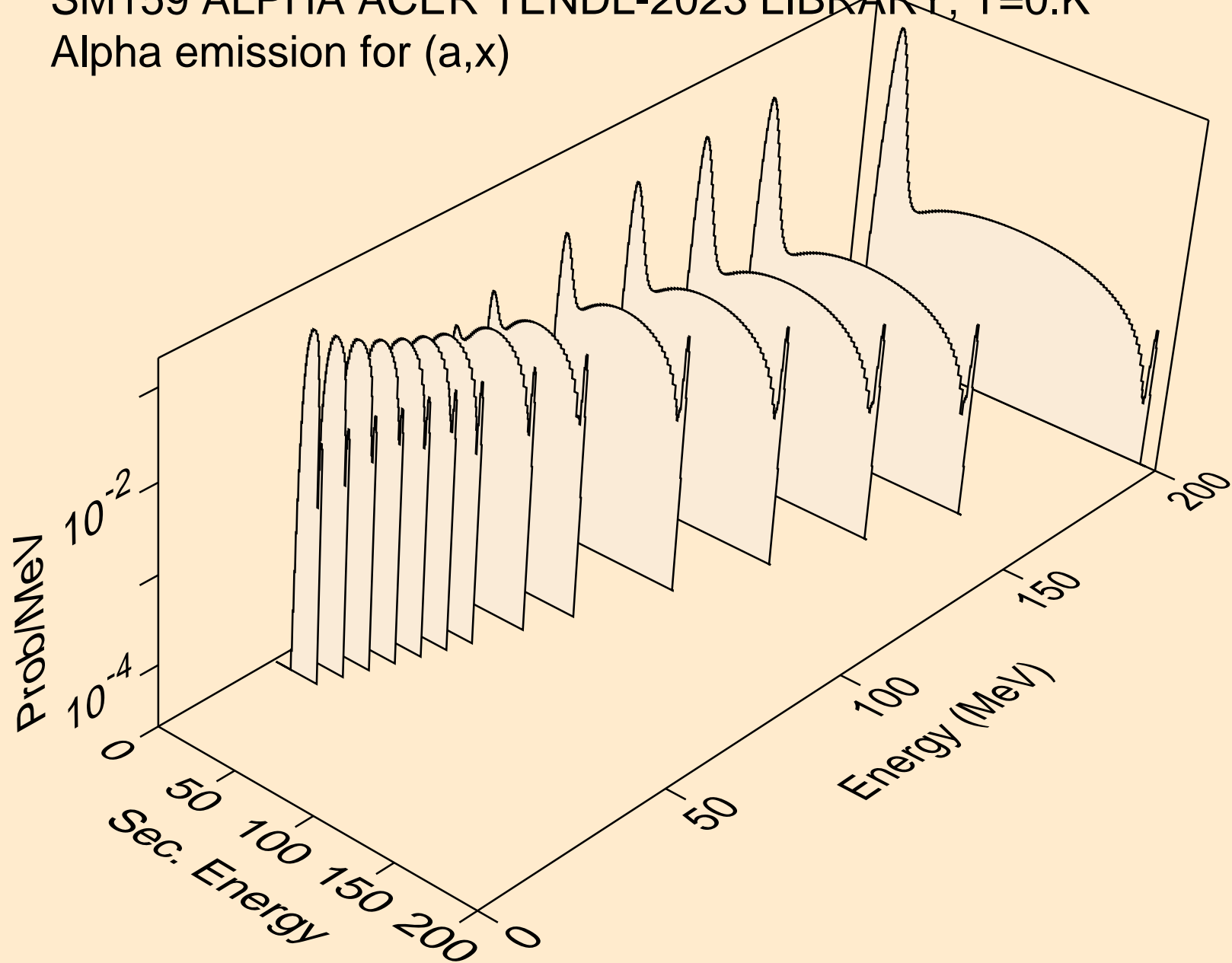
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



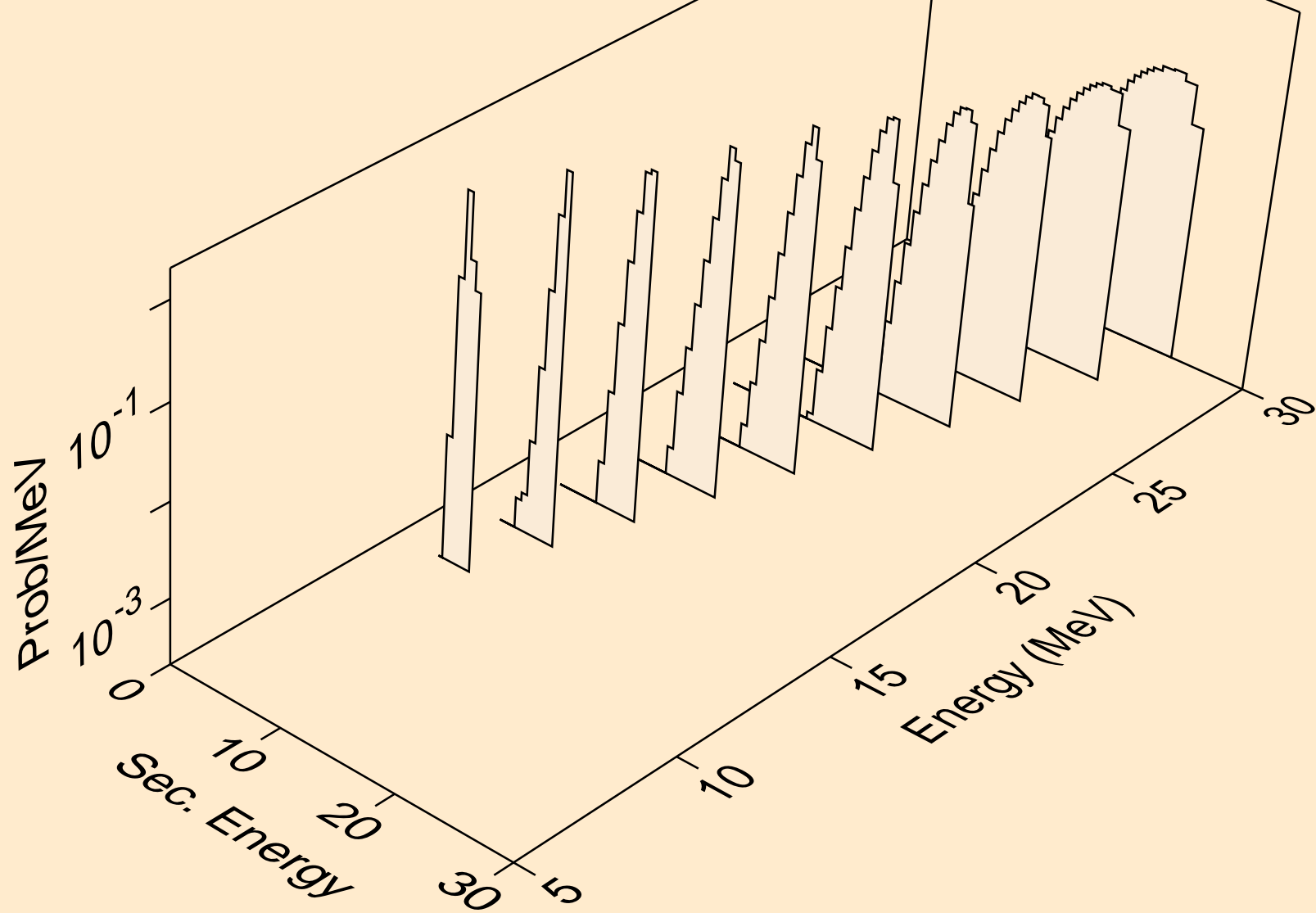
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



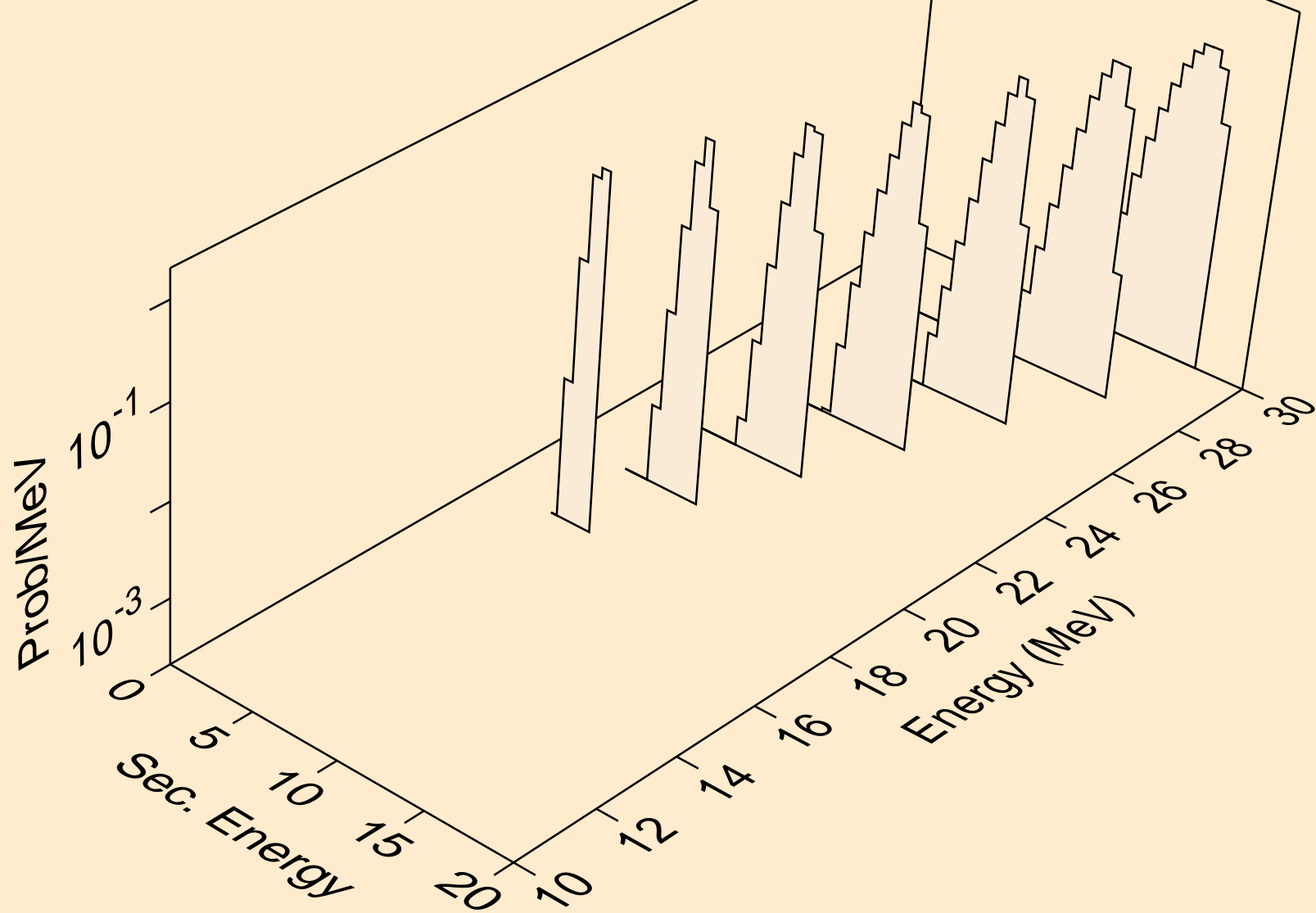
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,x)



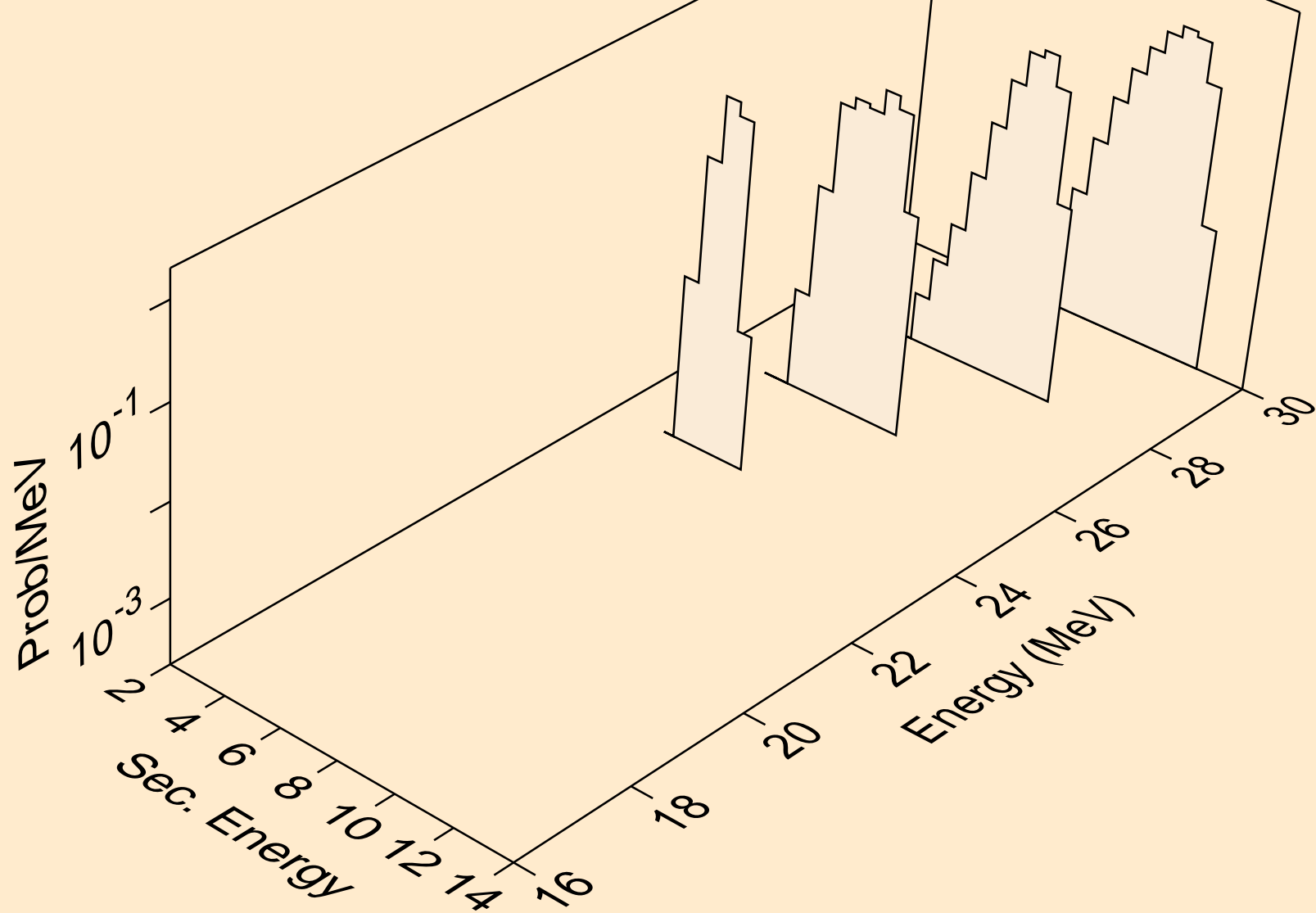
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,n*)a



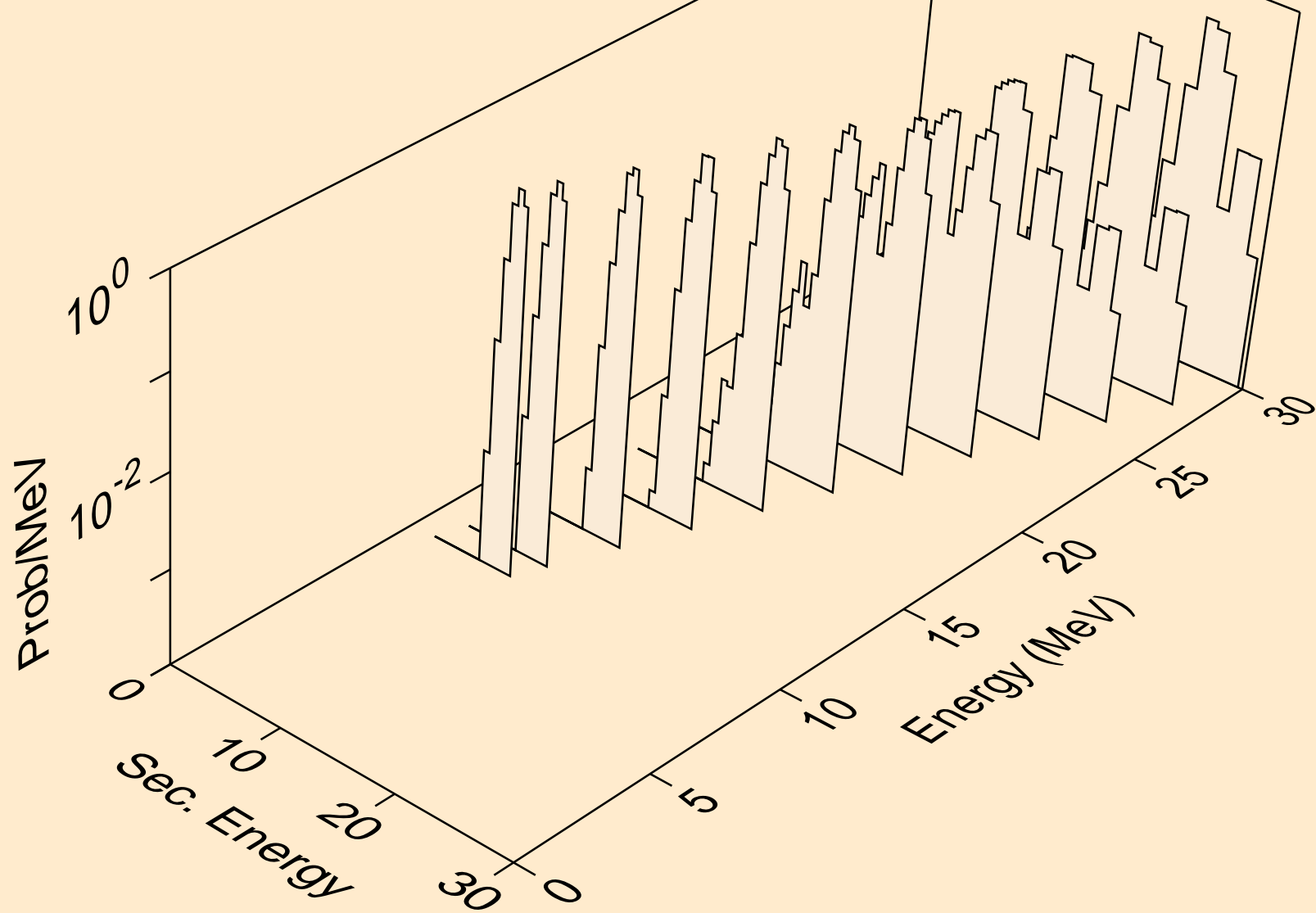
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2n)a



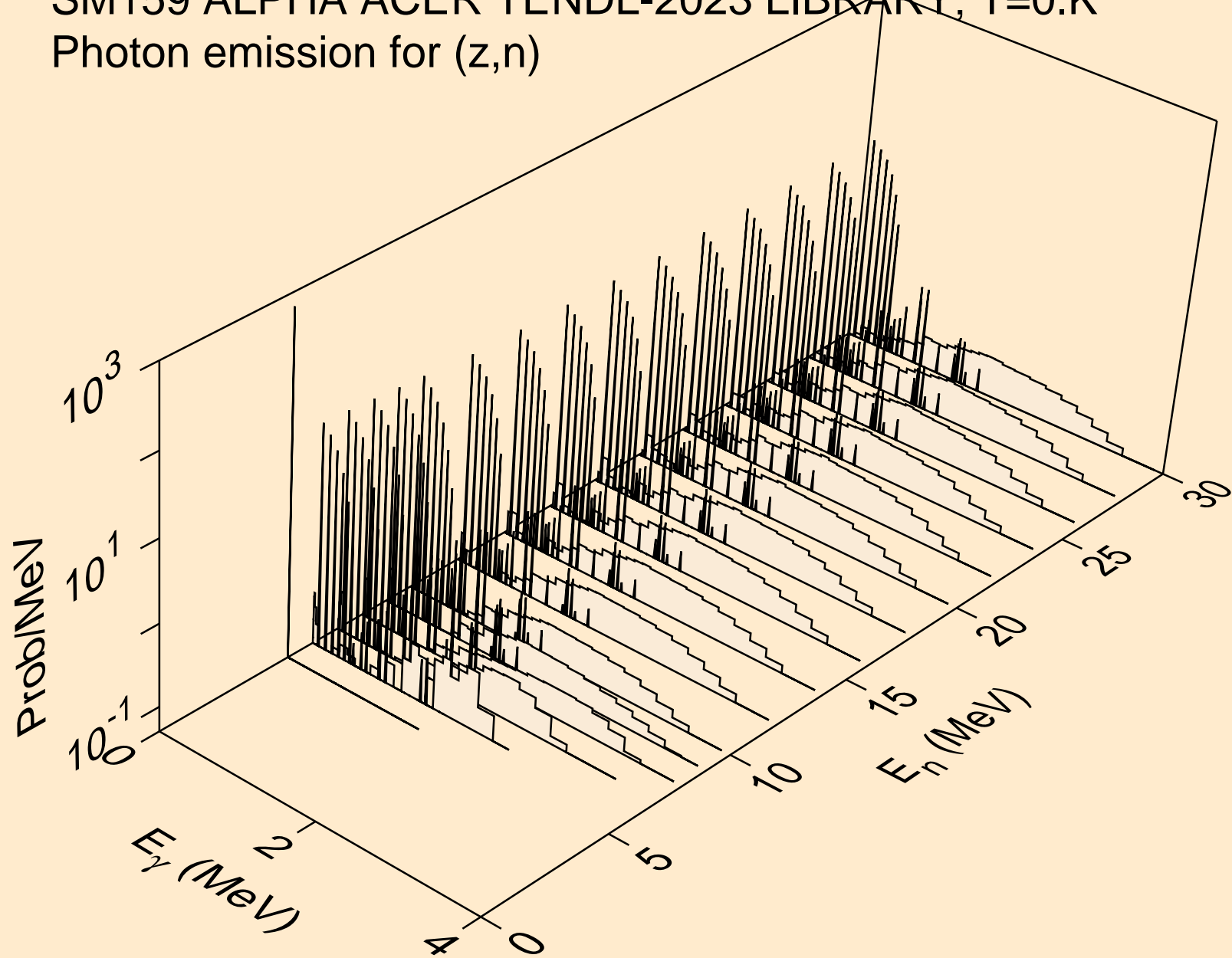
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,3n)a



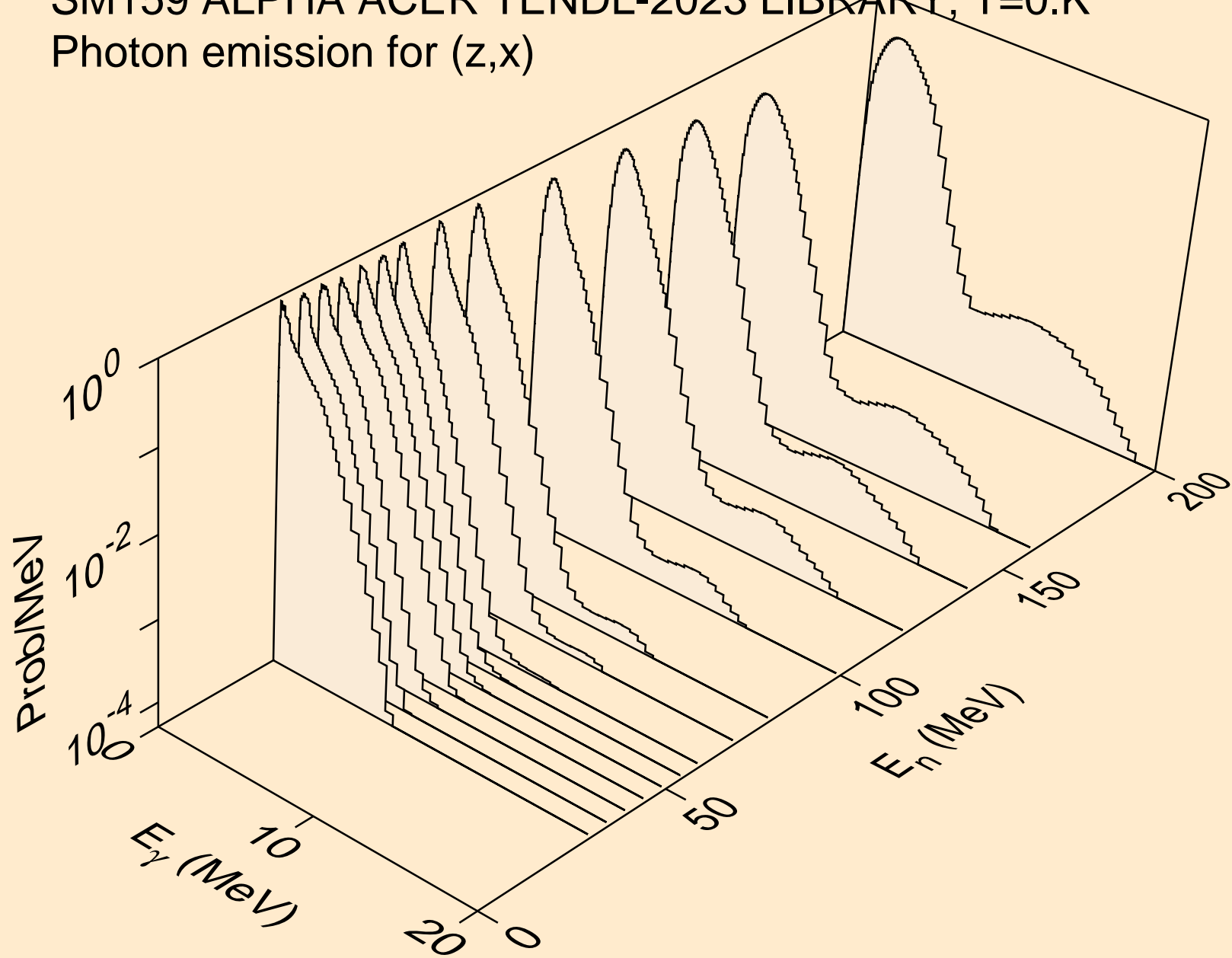
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for inelastic



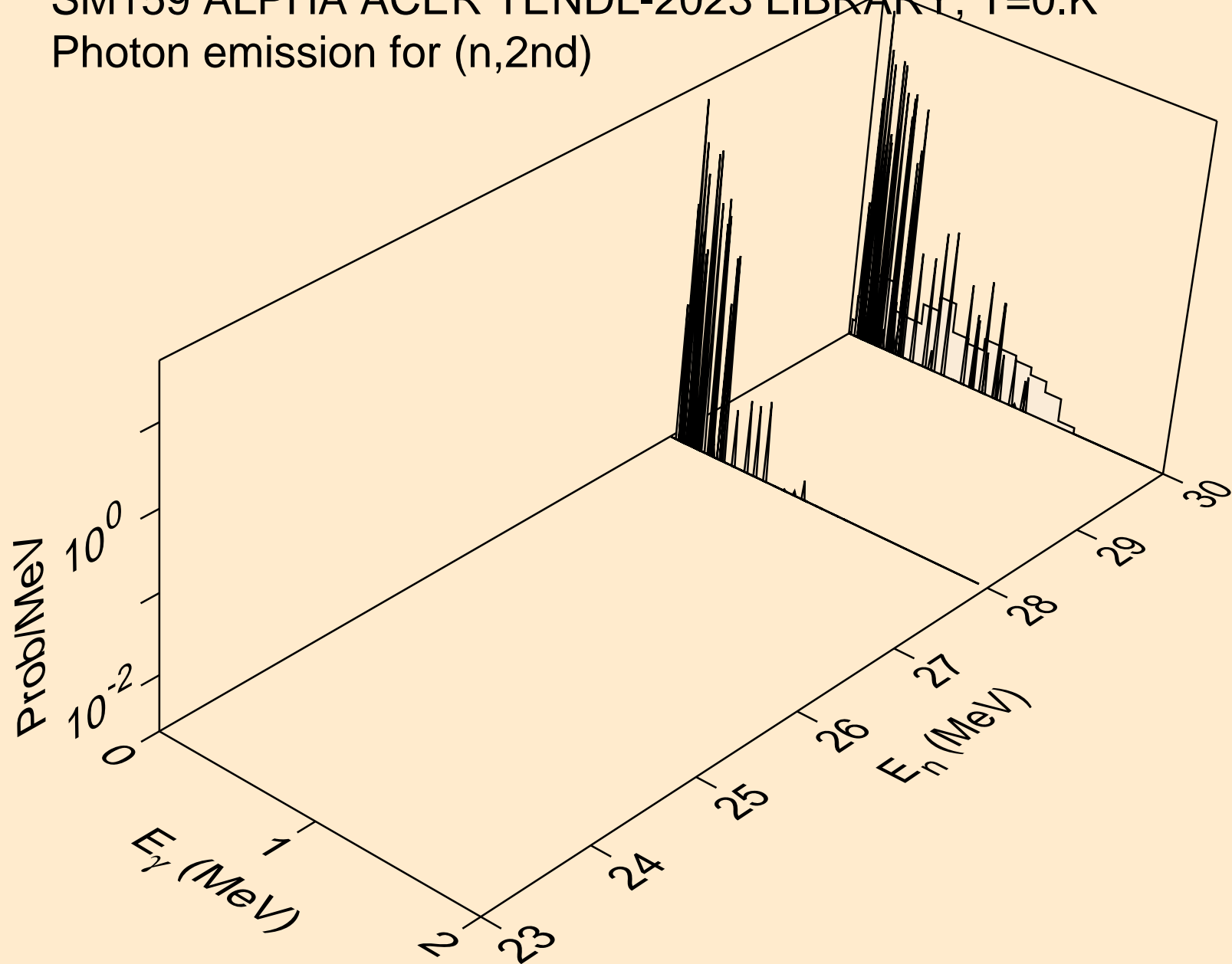
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



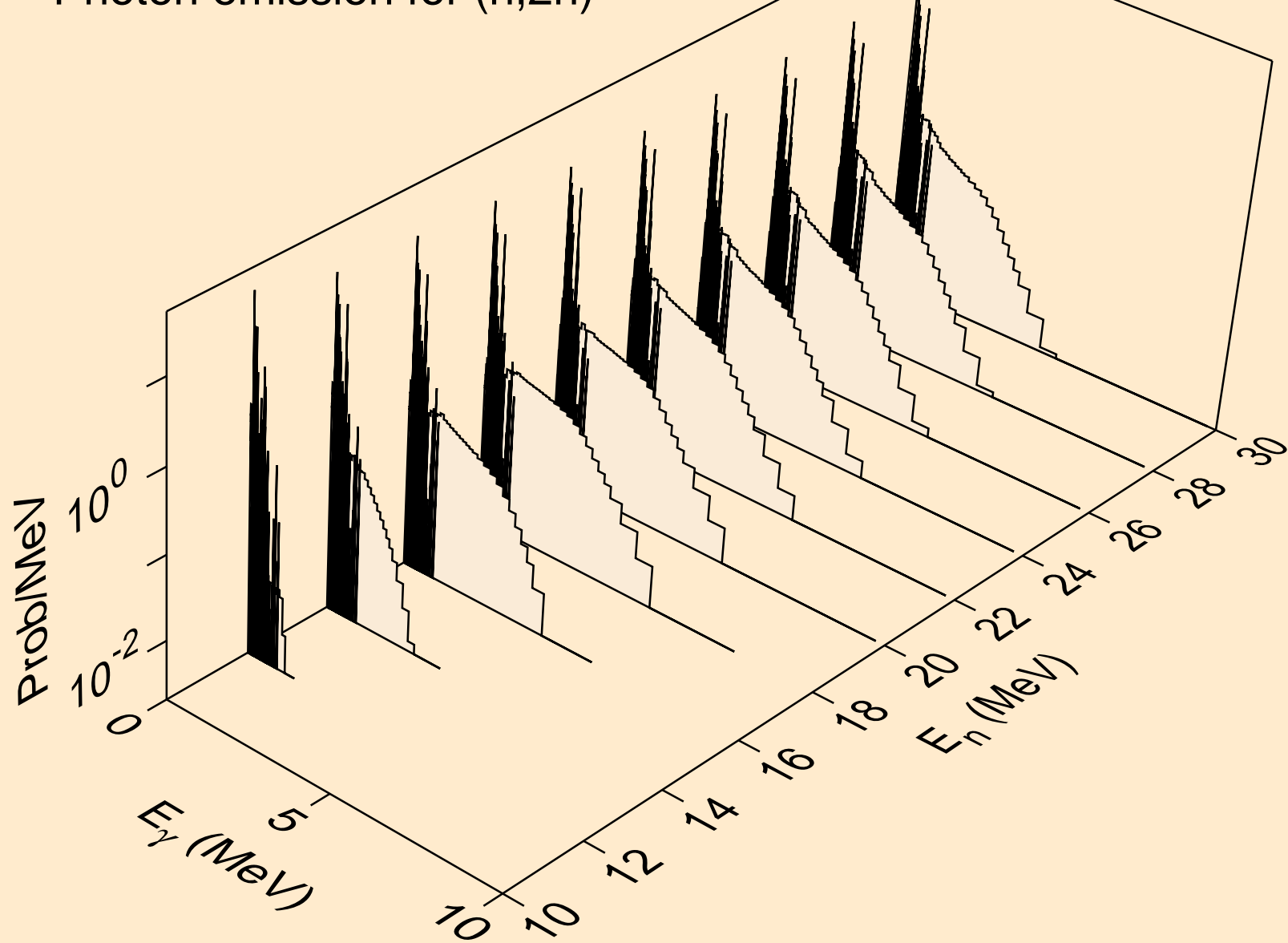
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



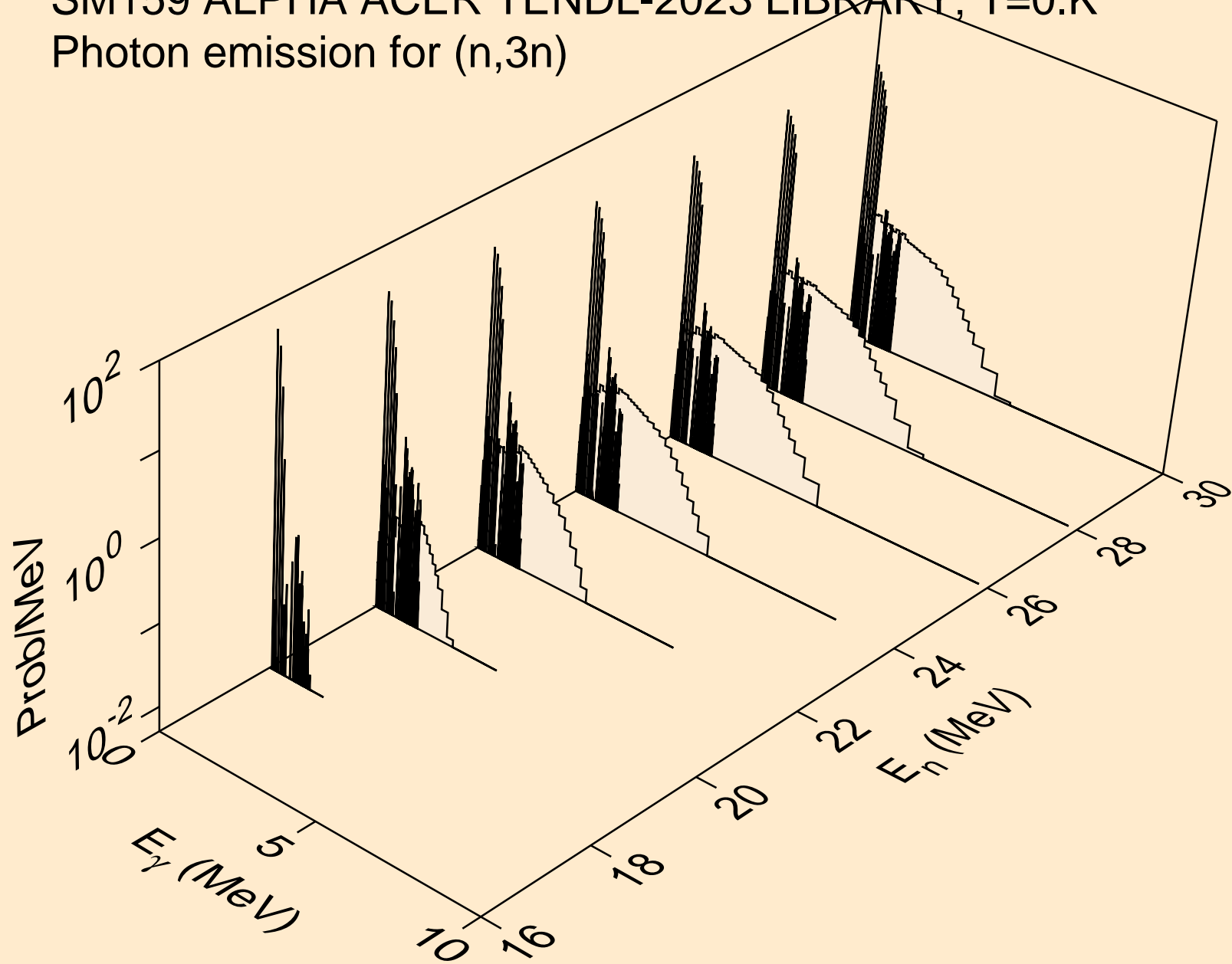
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



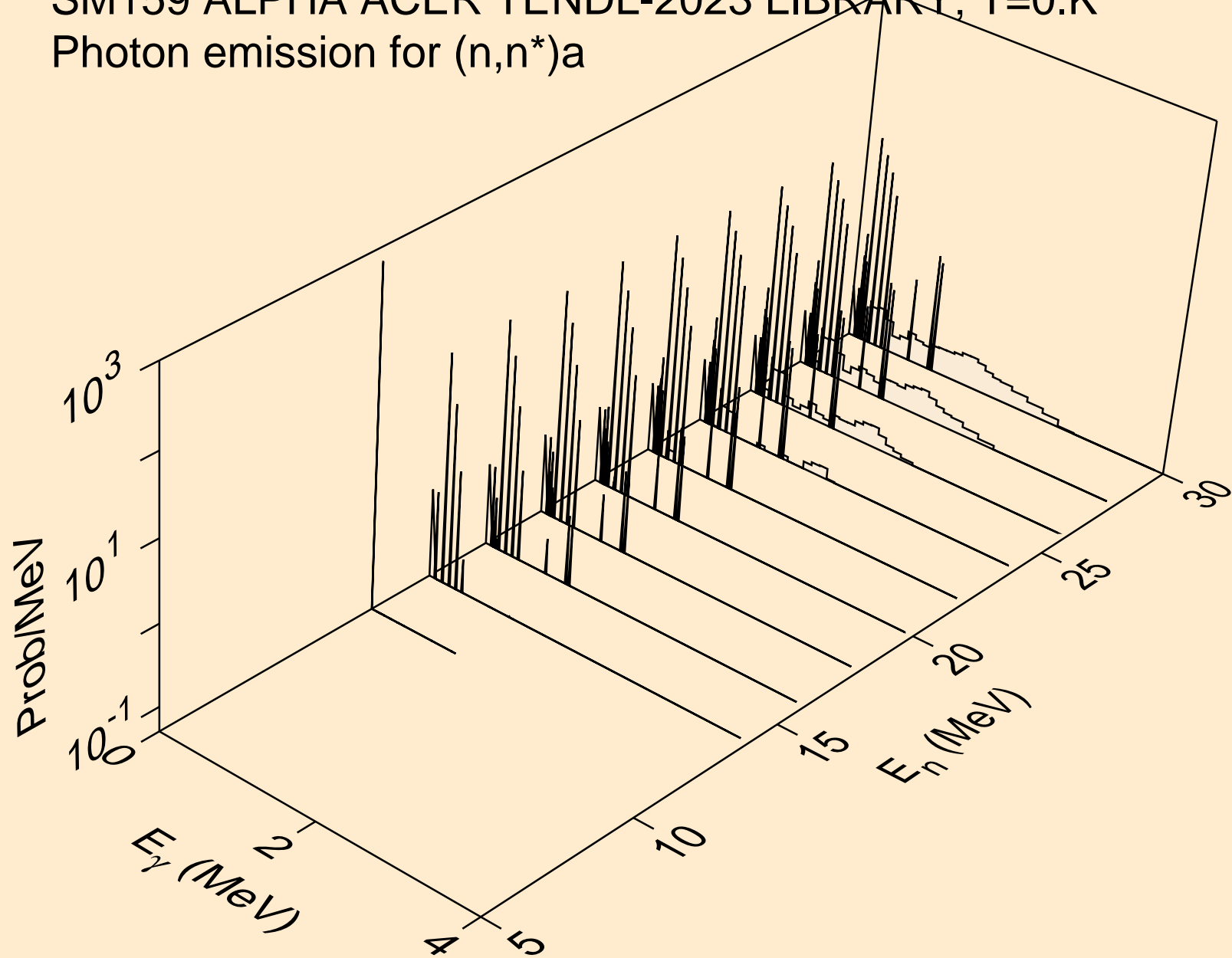
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



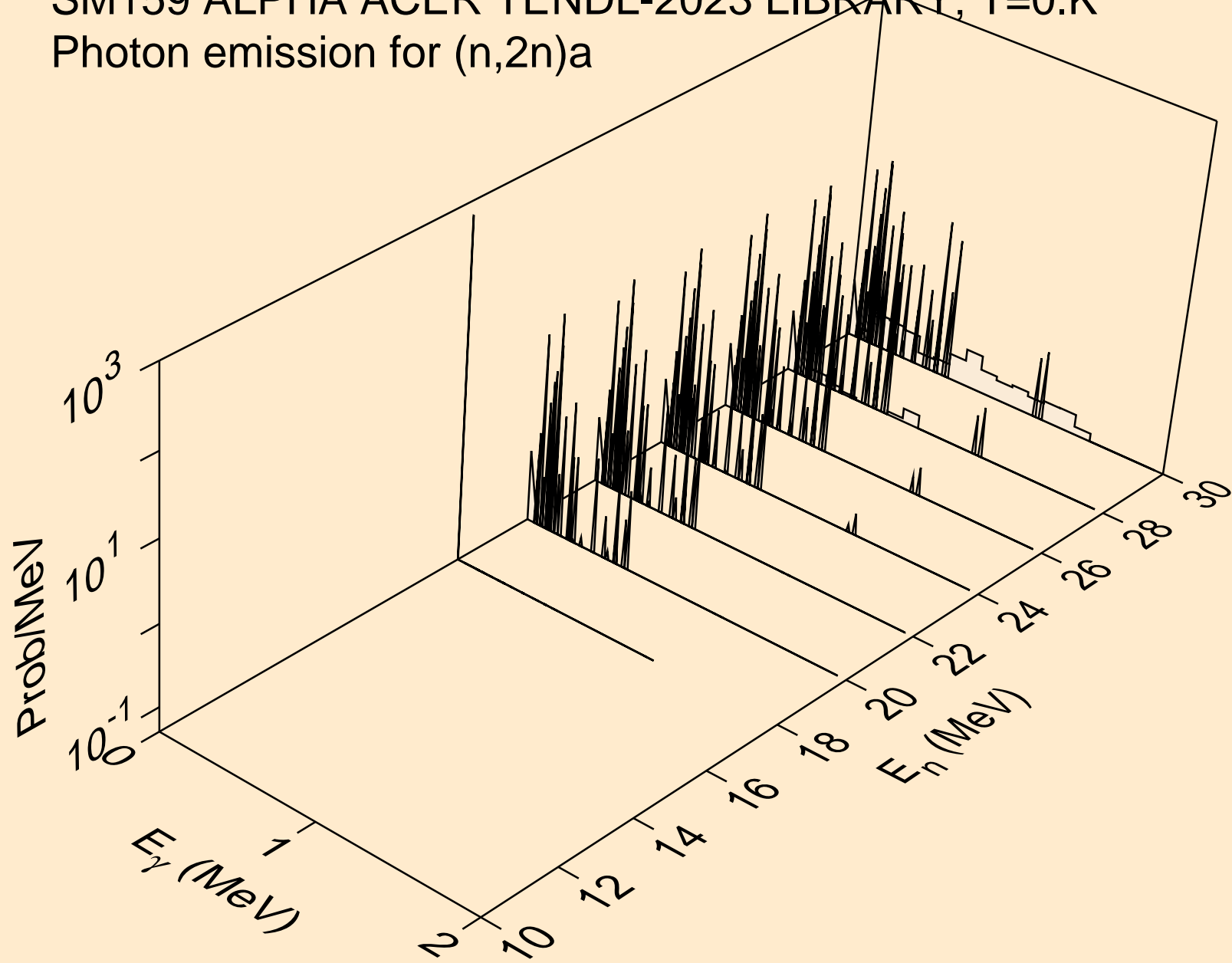
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



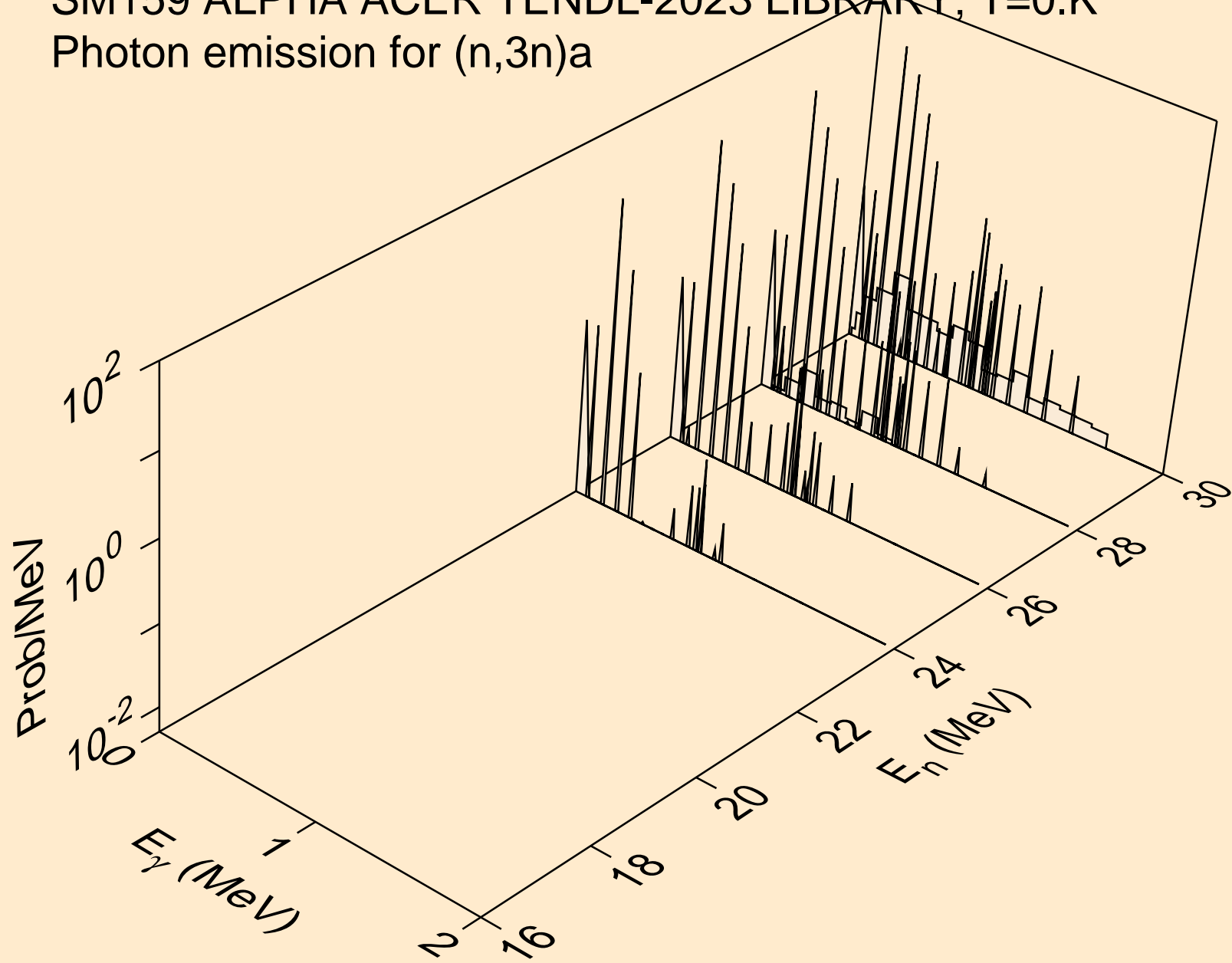
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



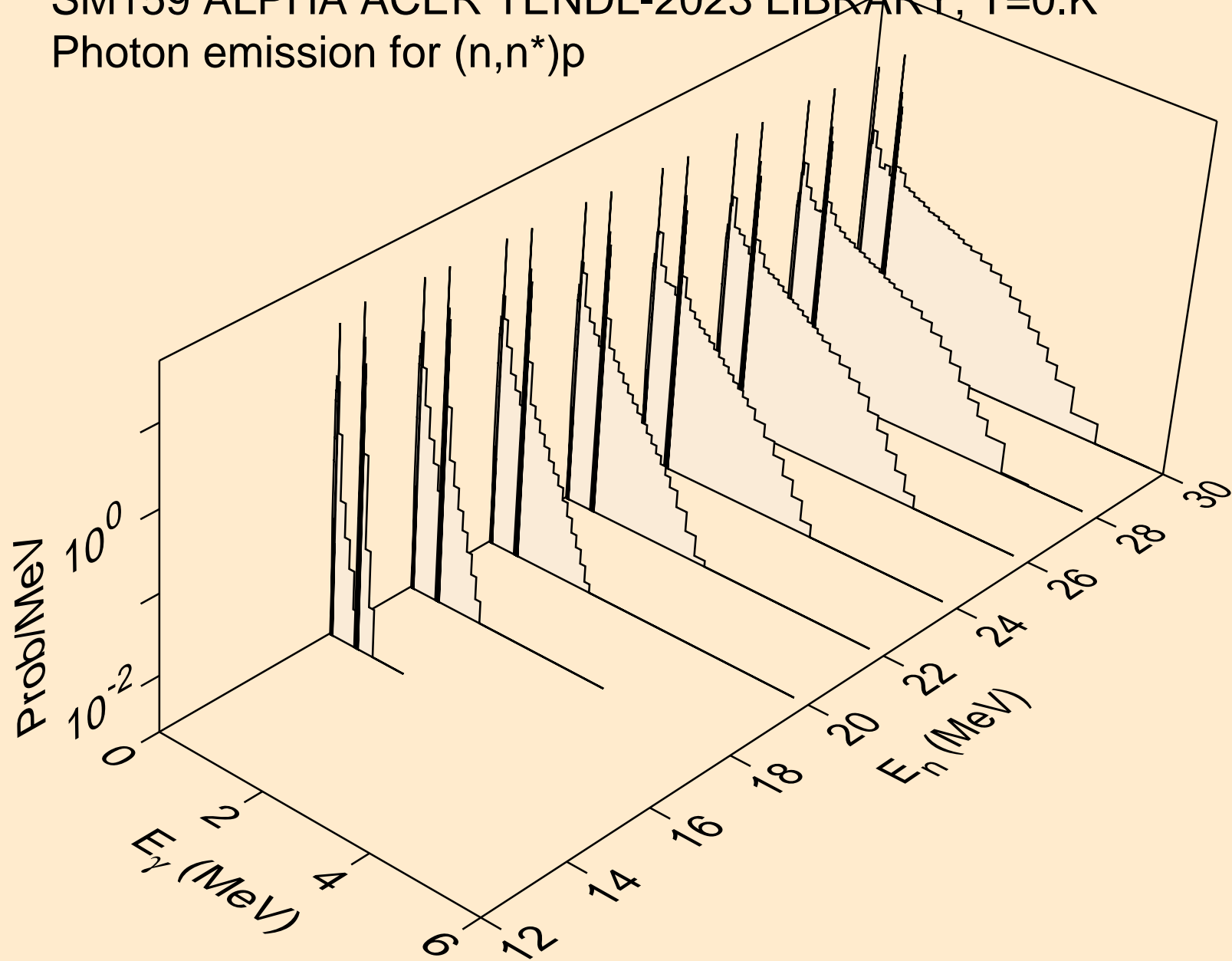
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



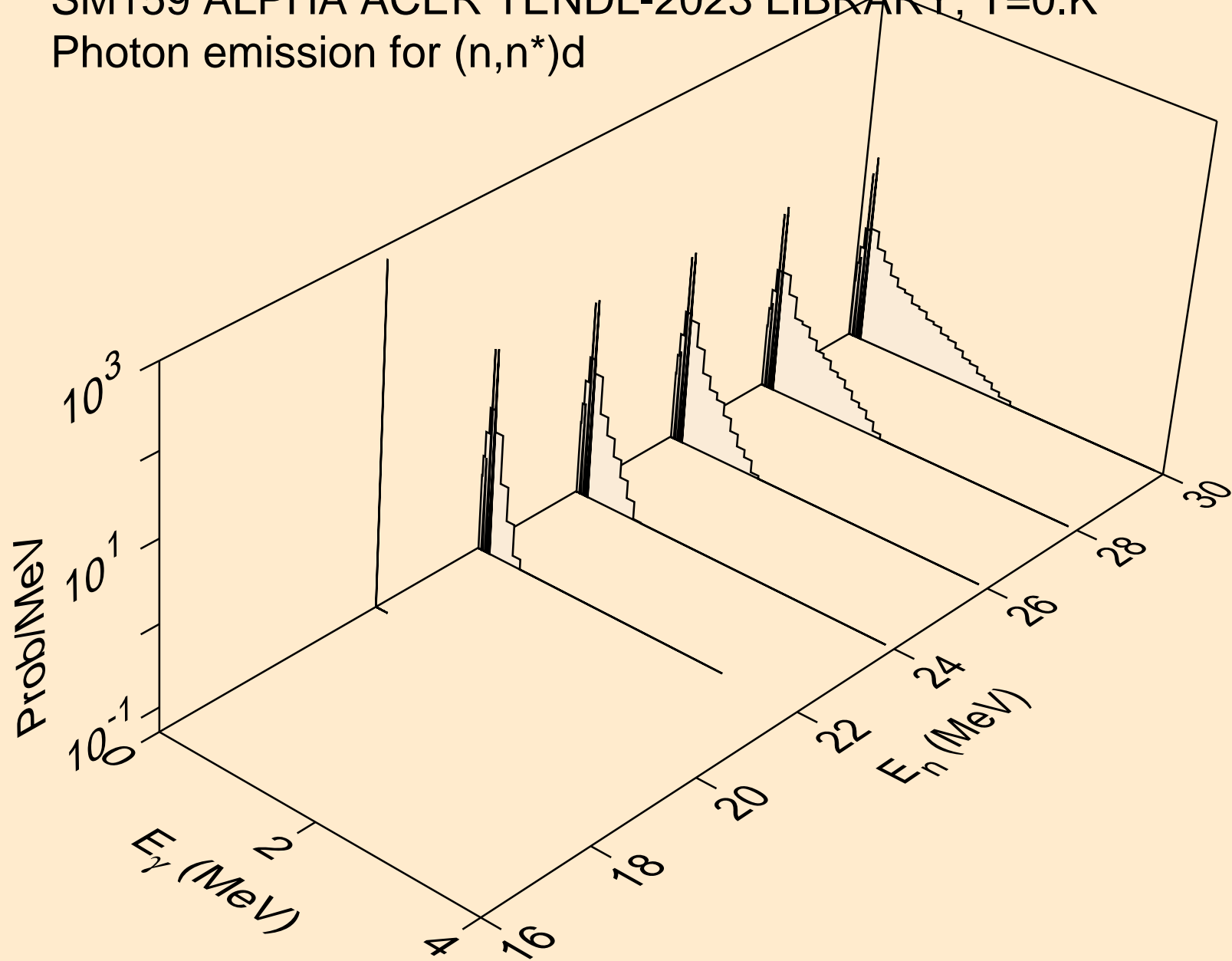
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



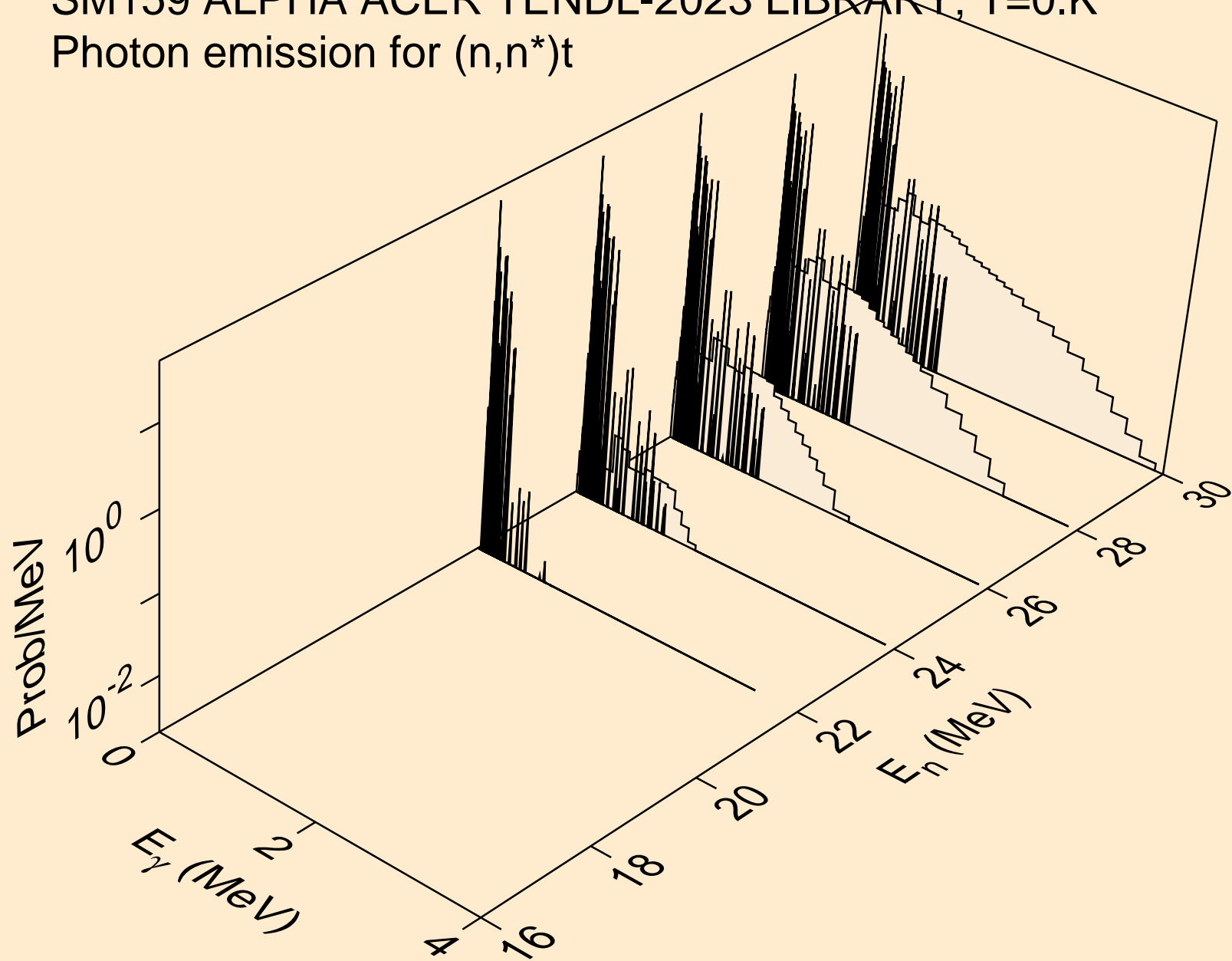
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



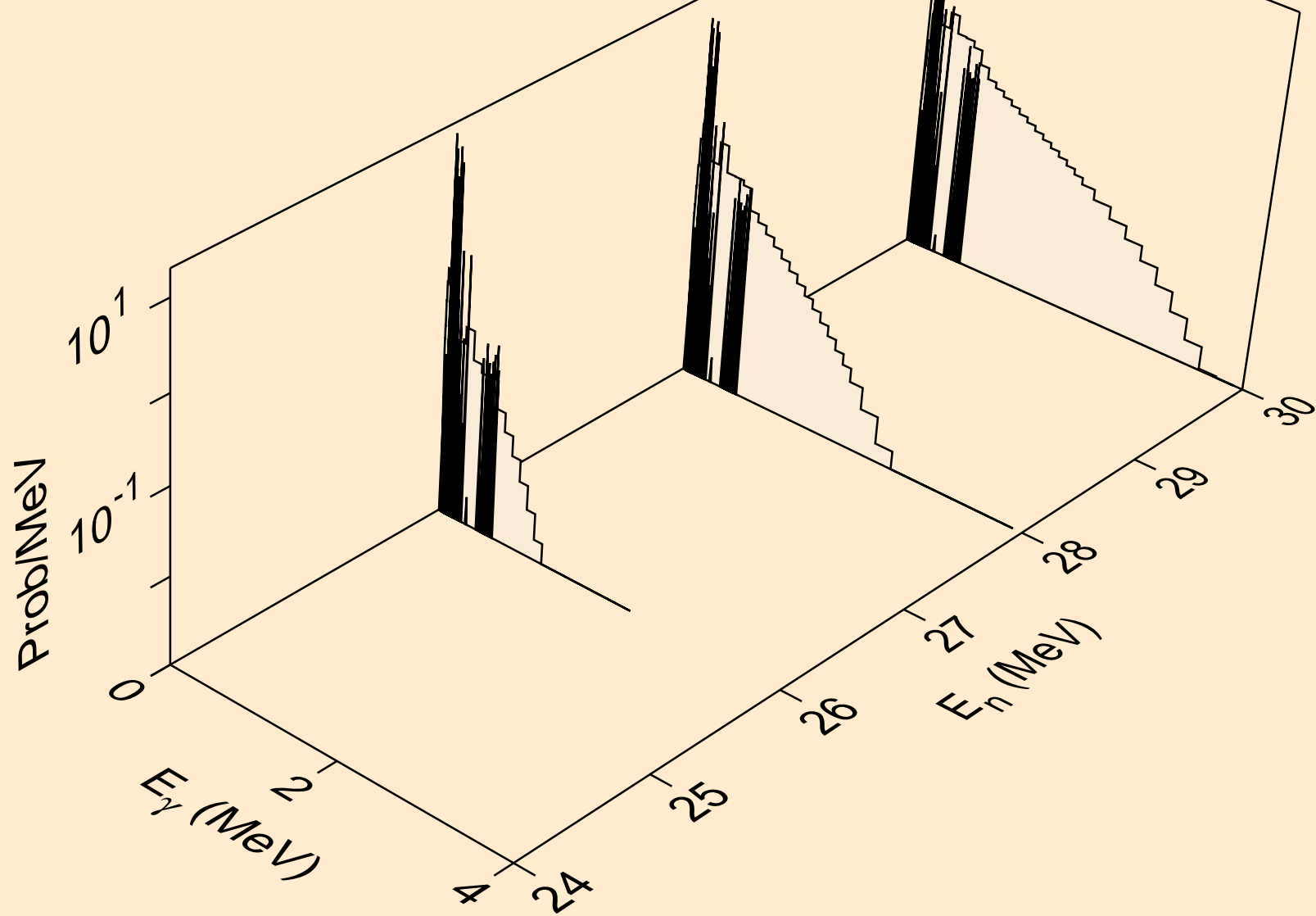
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



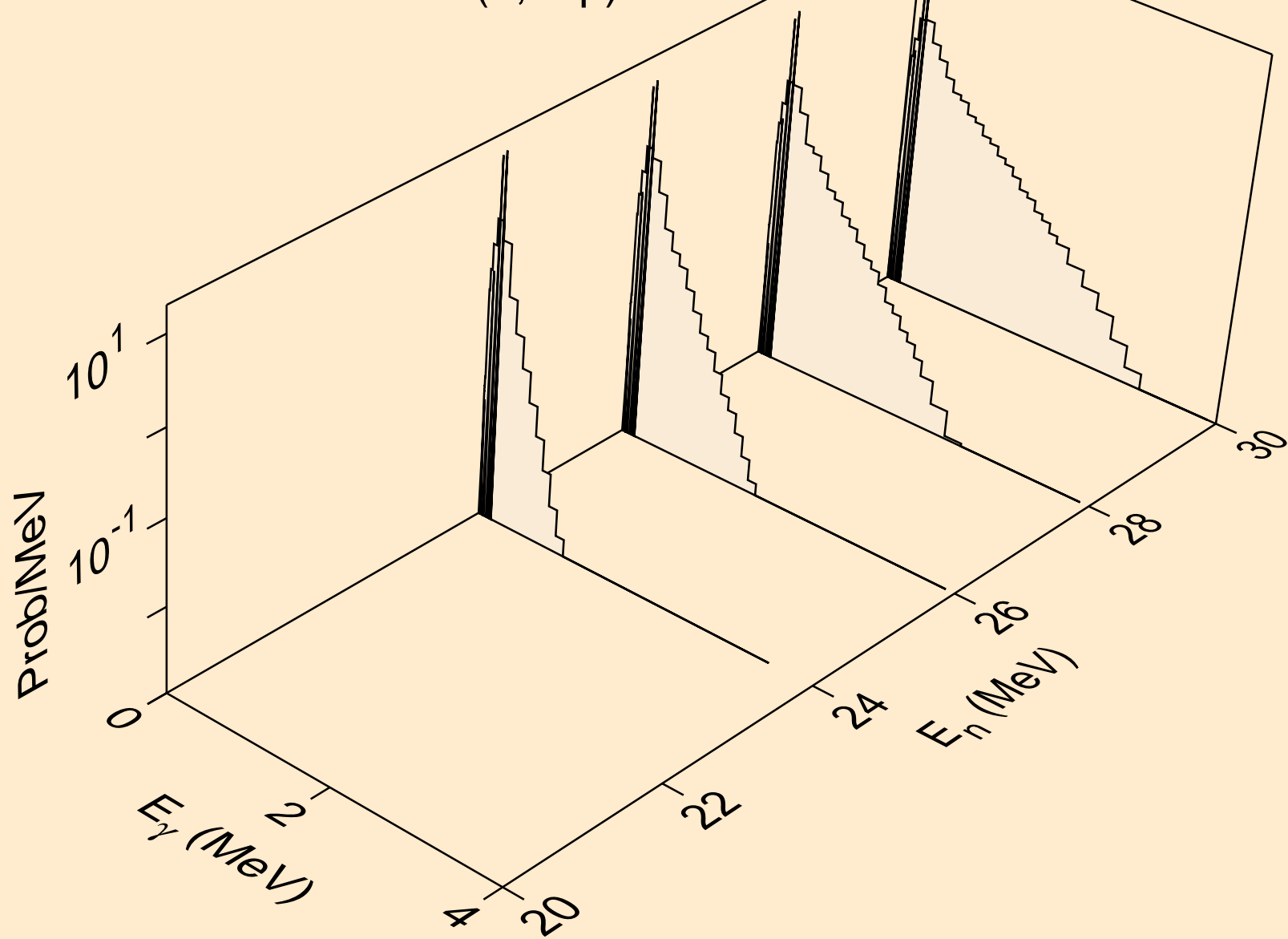
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



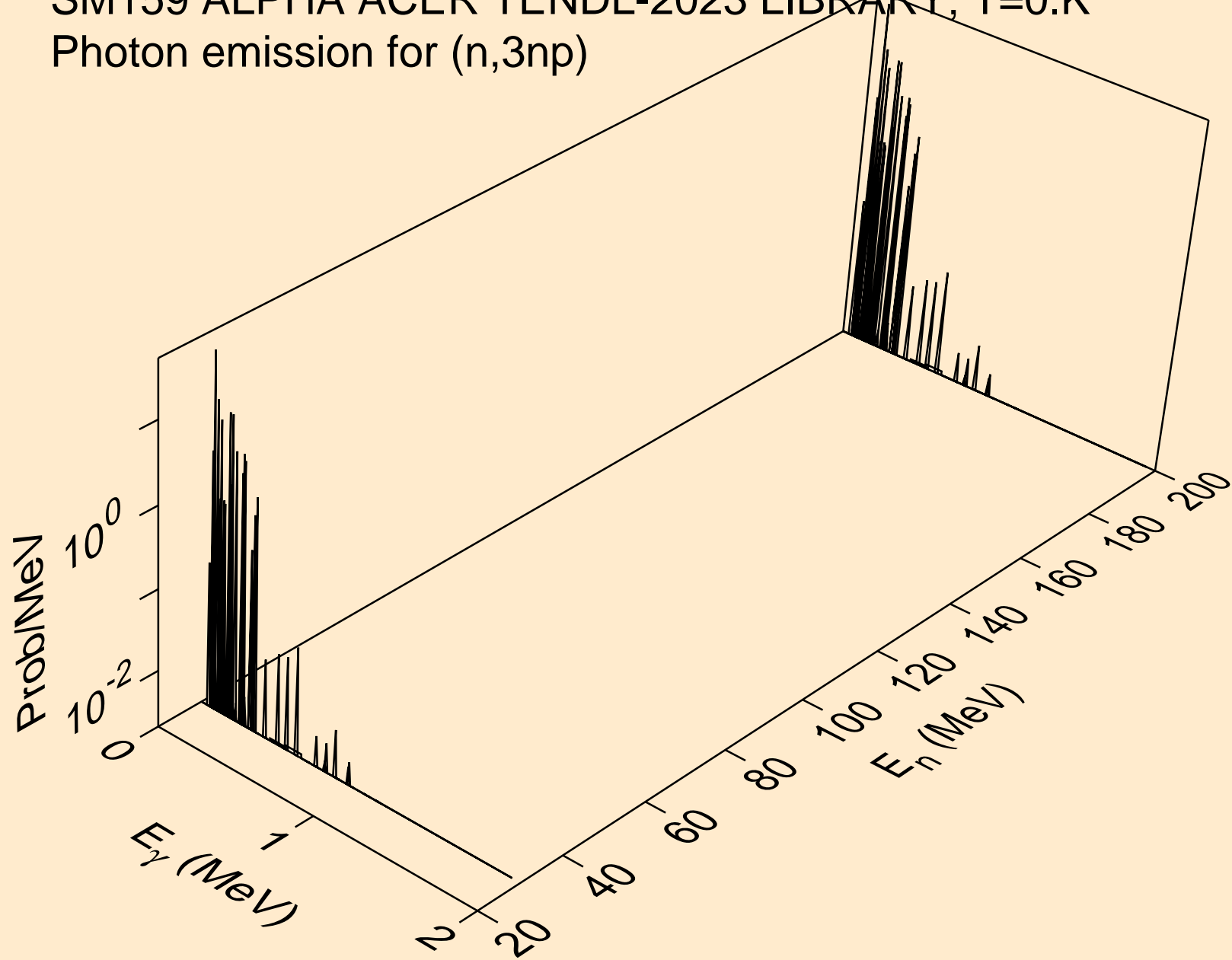
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



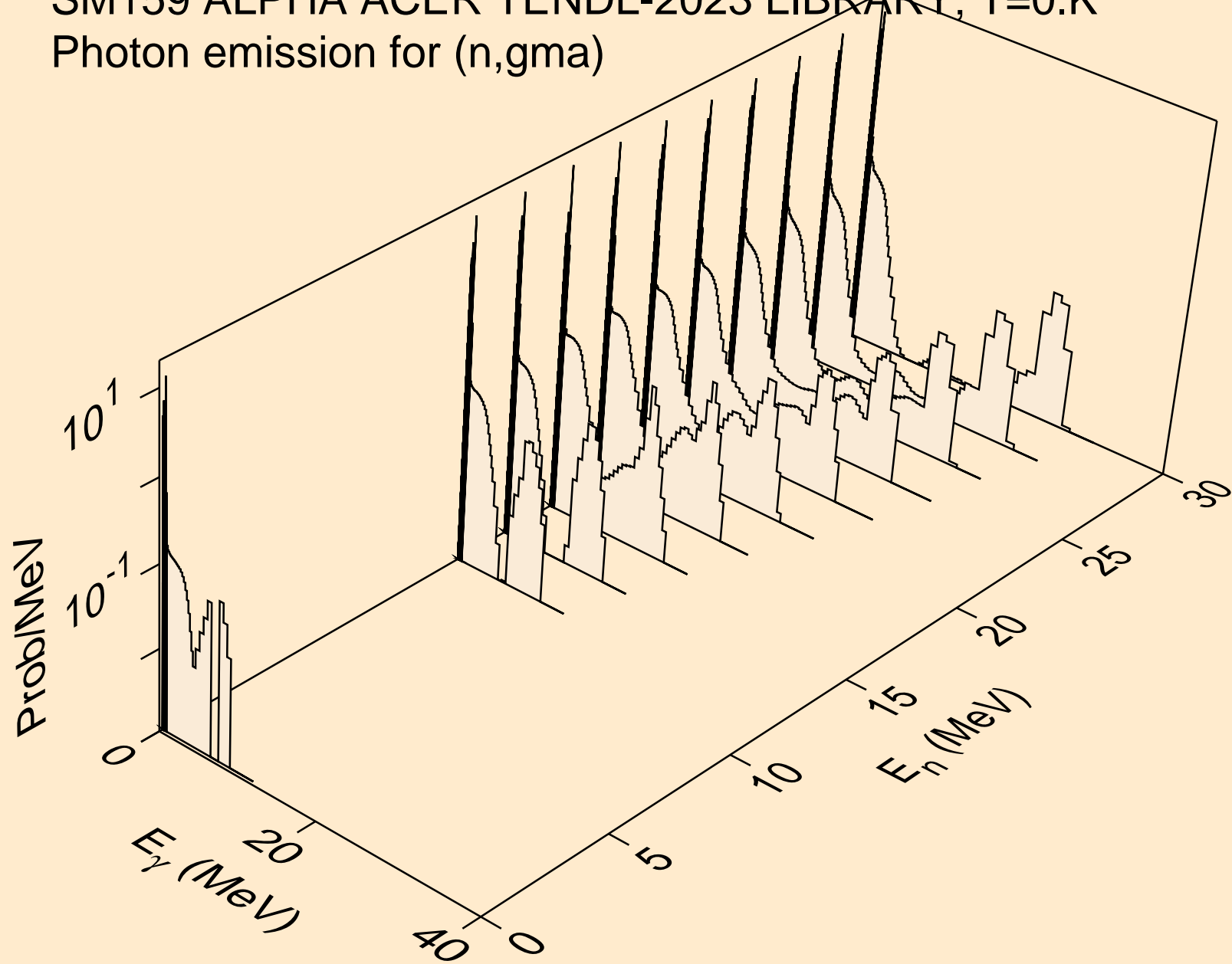
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Photon emission for (n,2np)



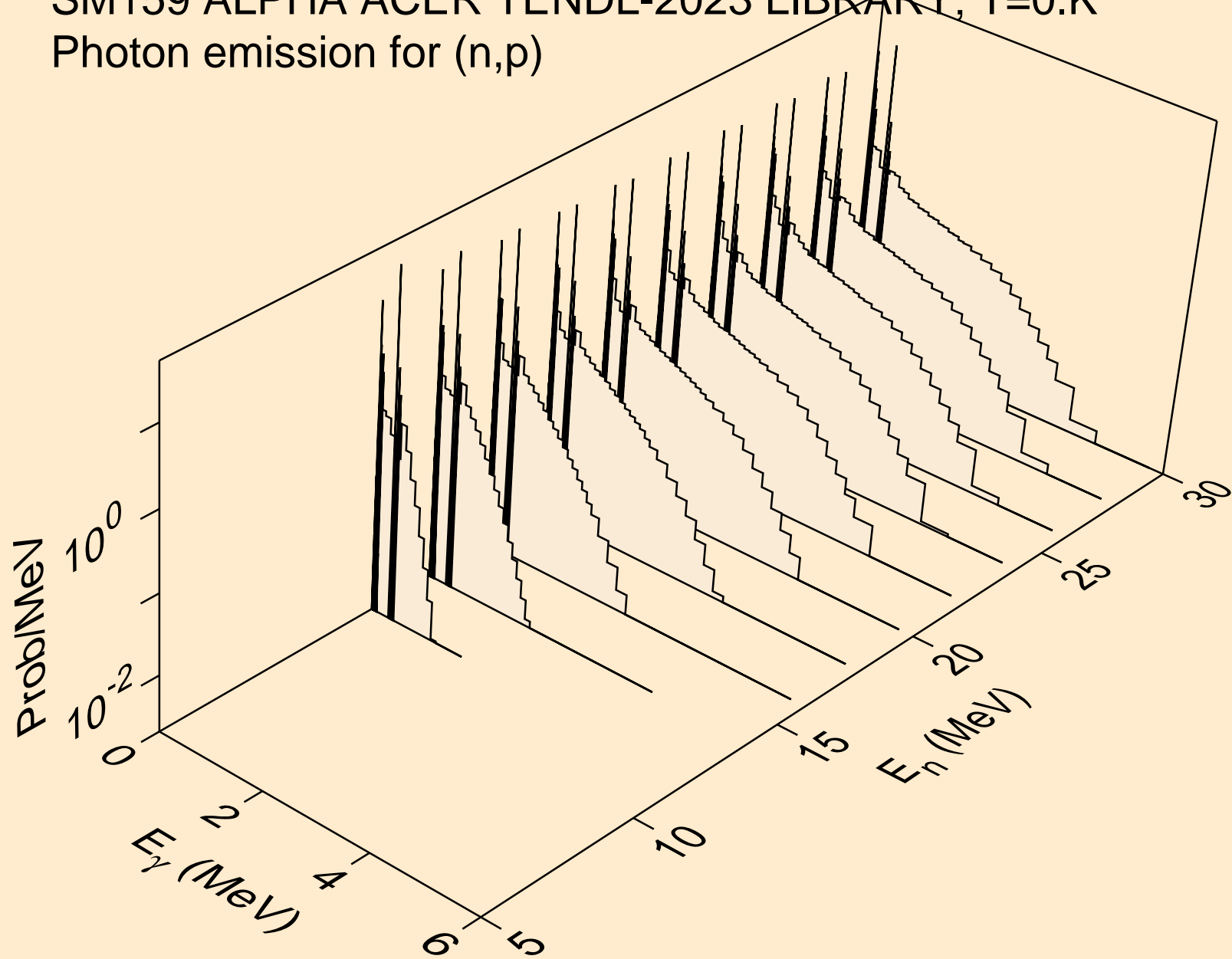
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



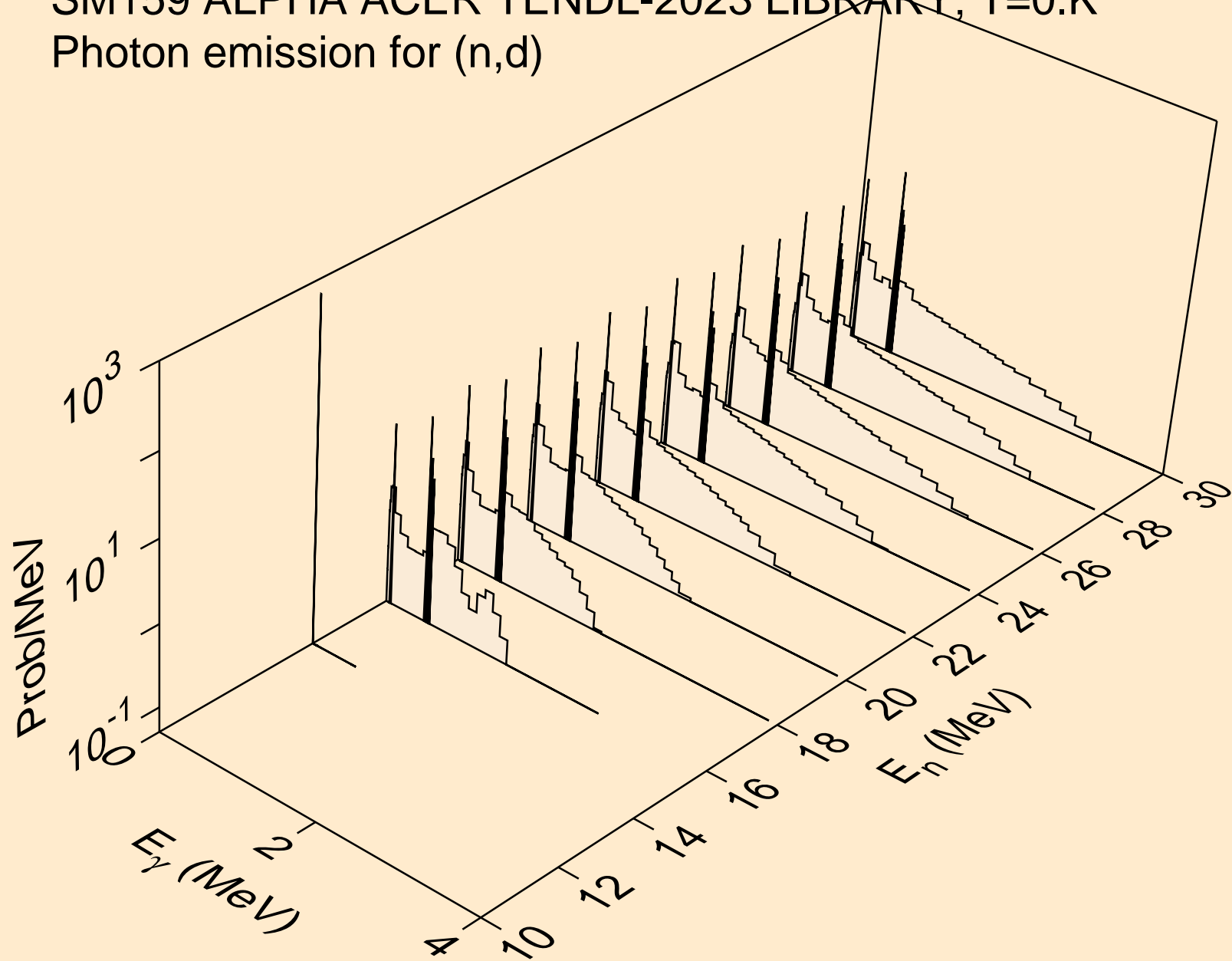
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



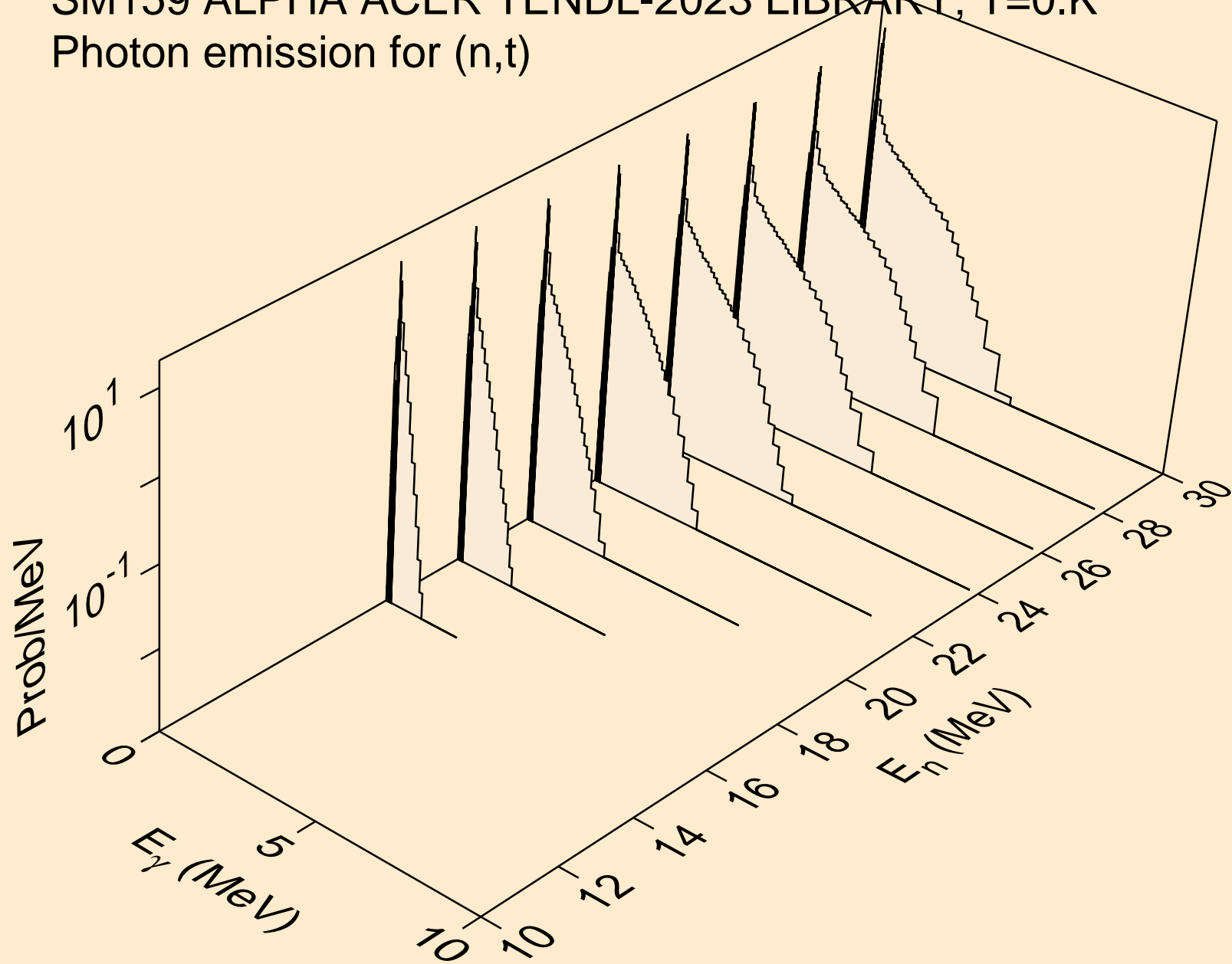
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



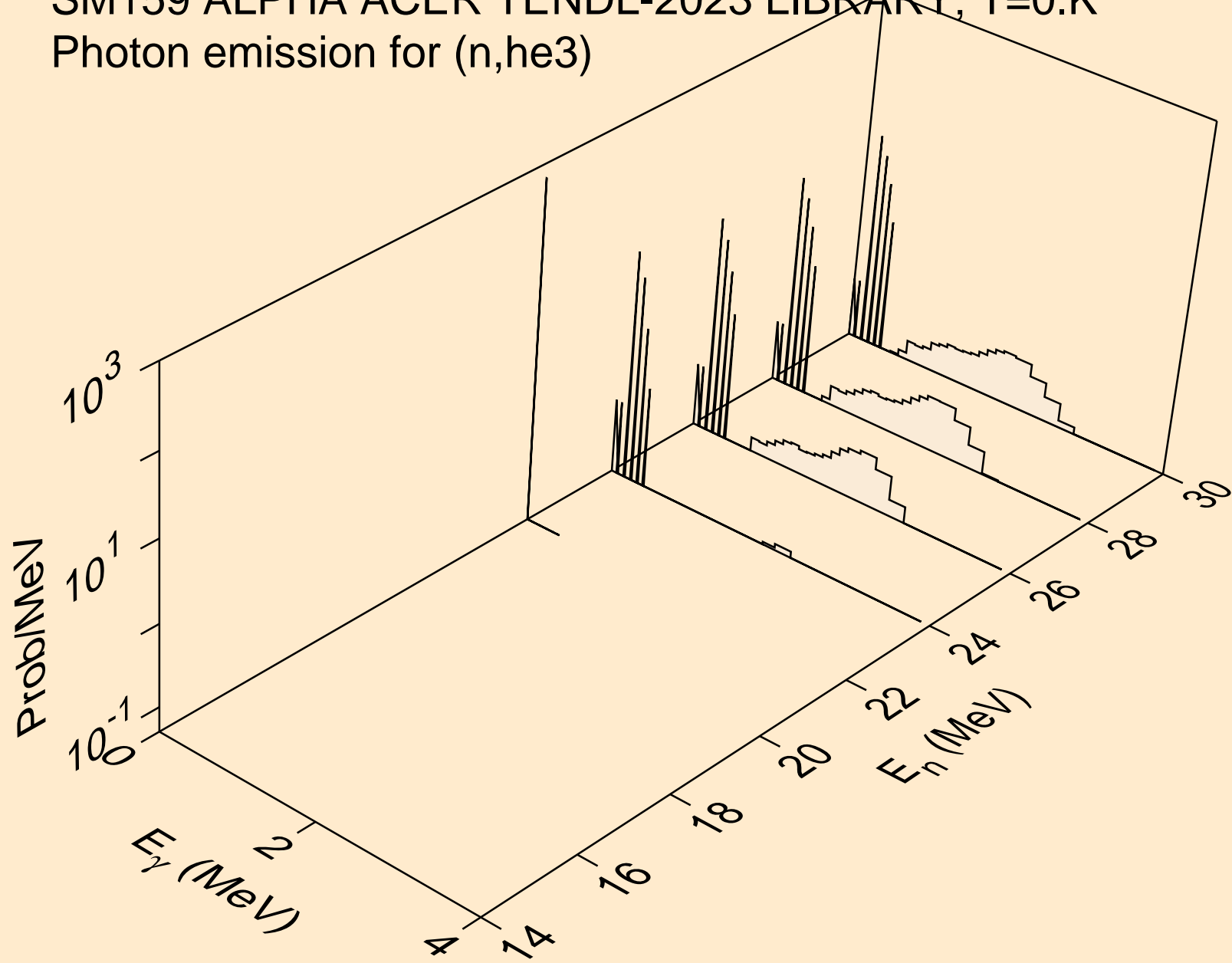
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



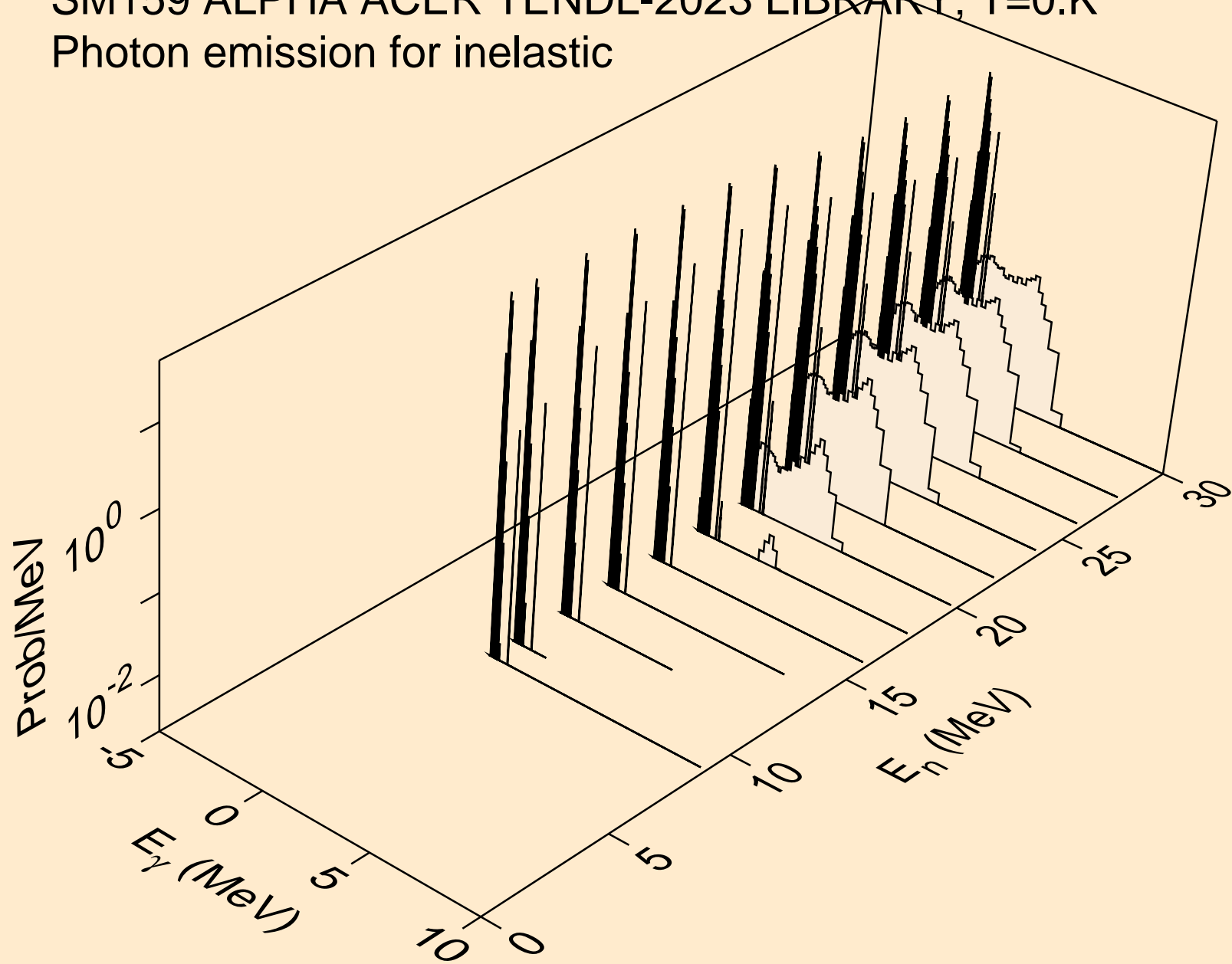
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



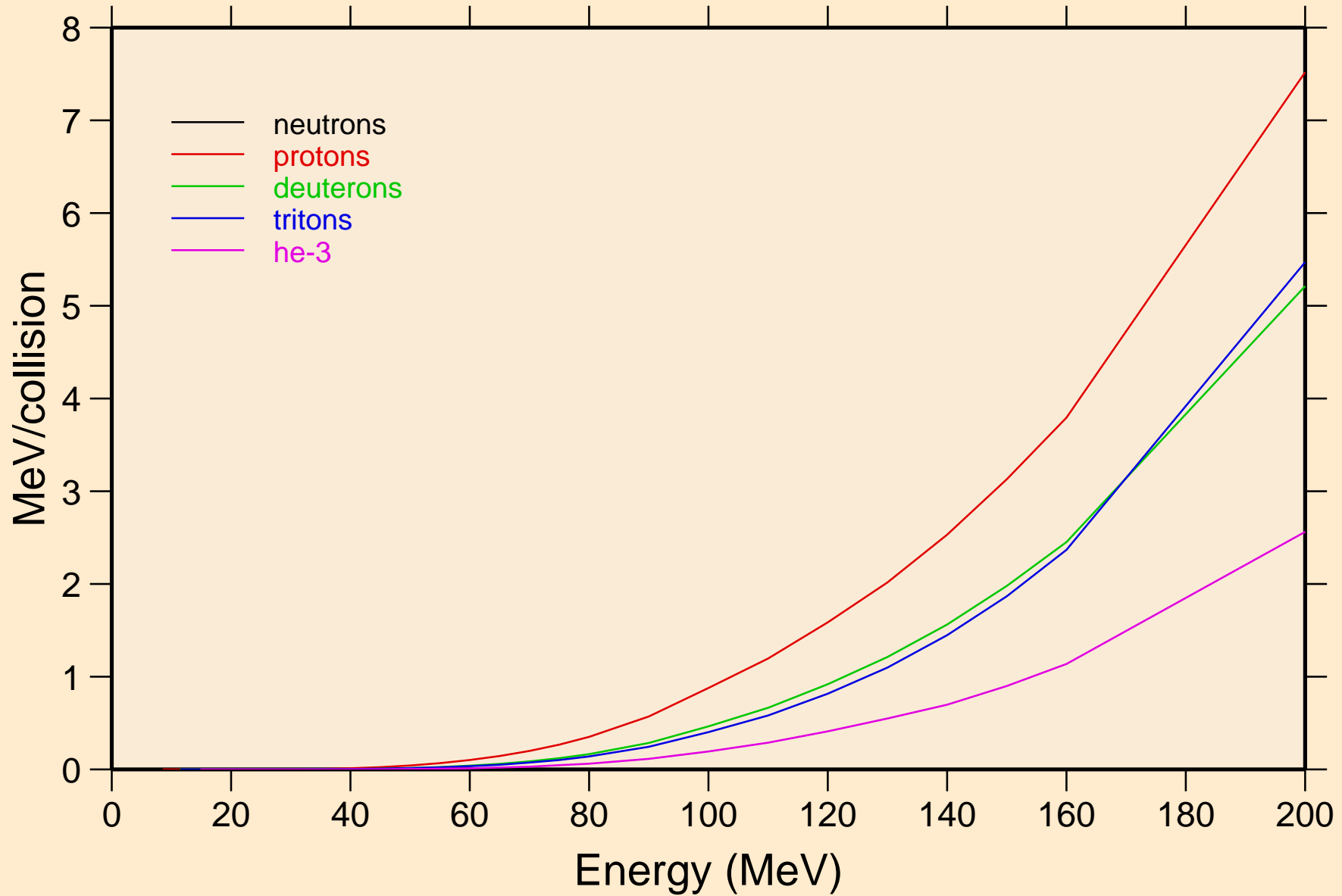
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic

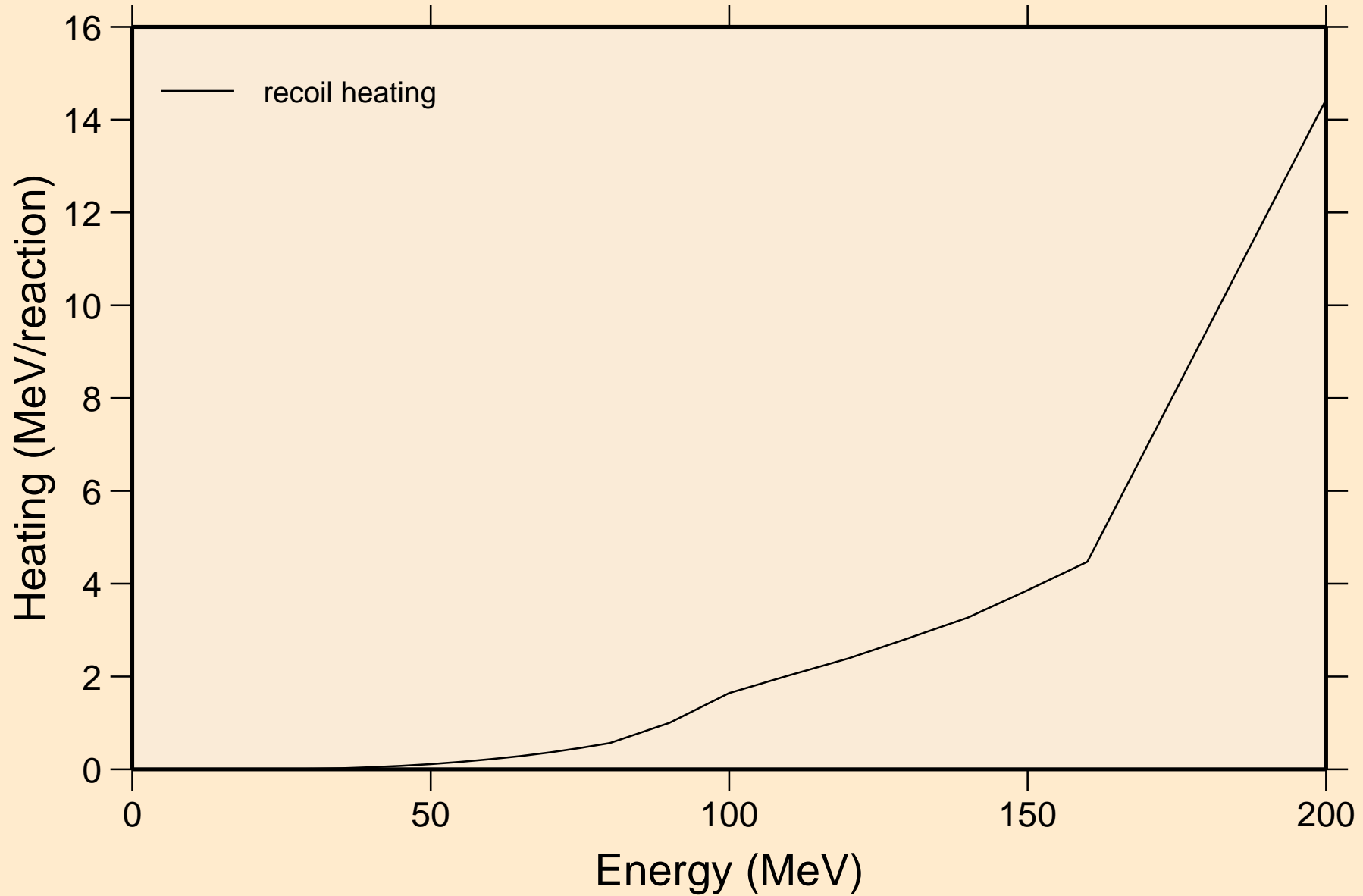


SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions



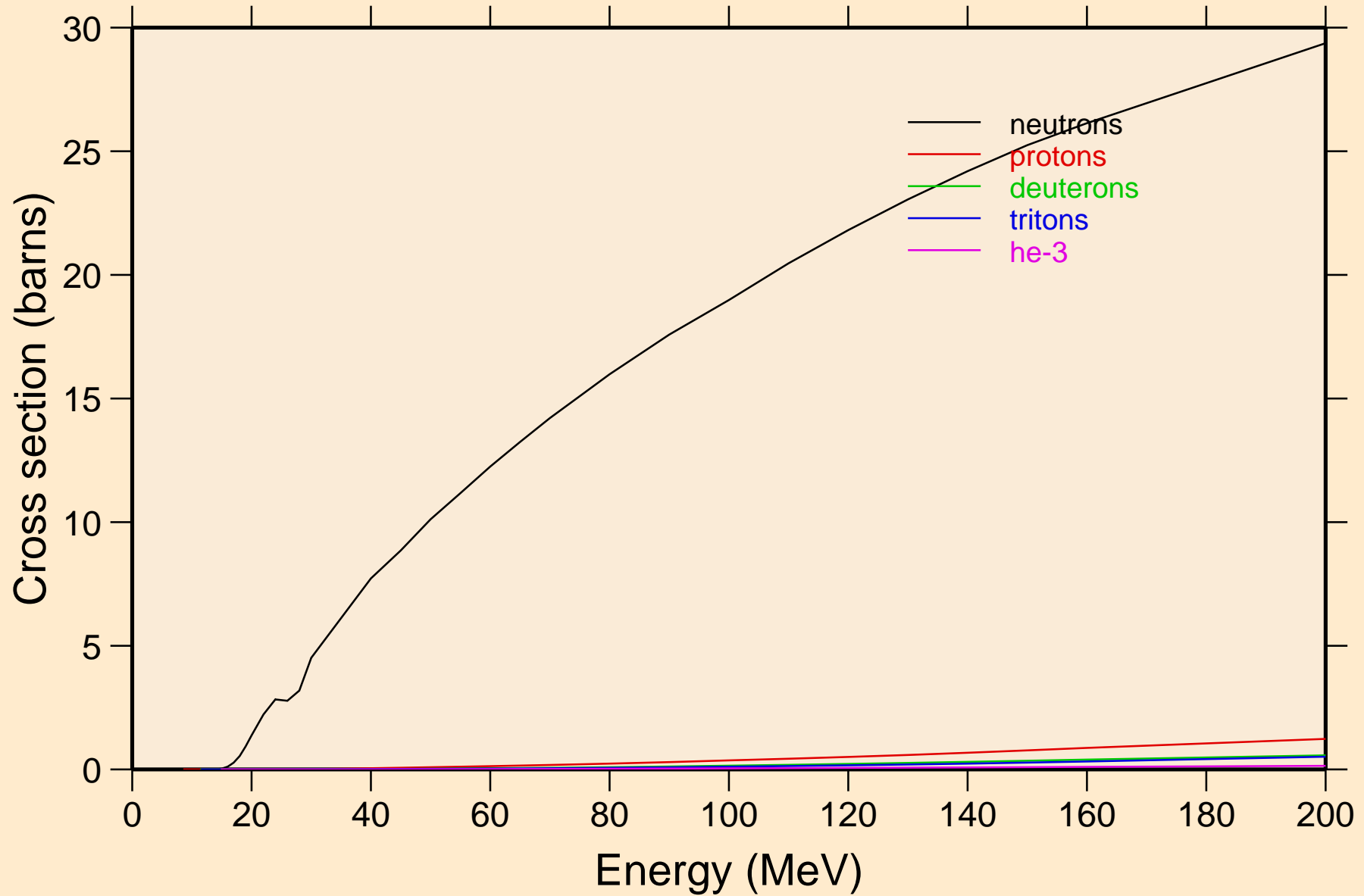
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

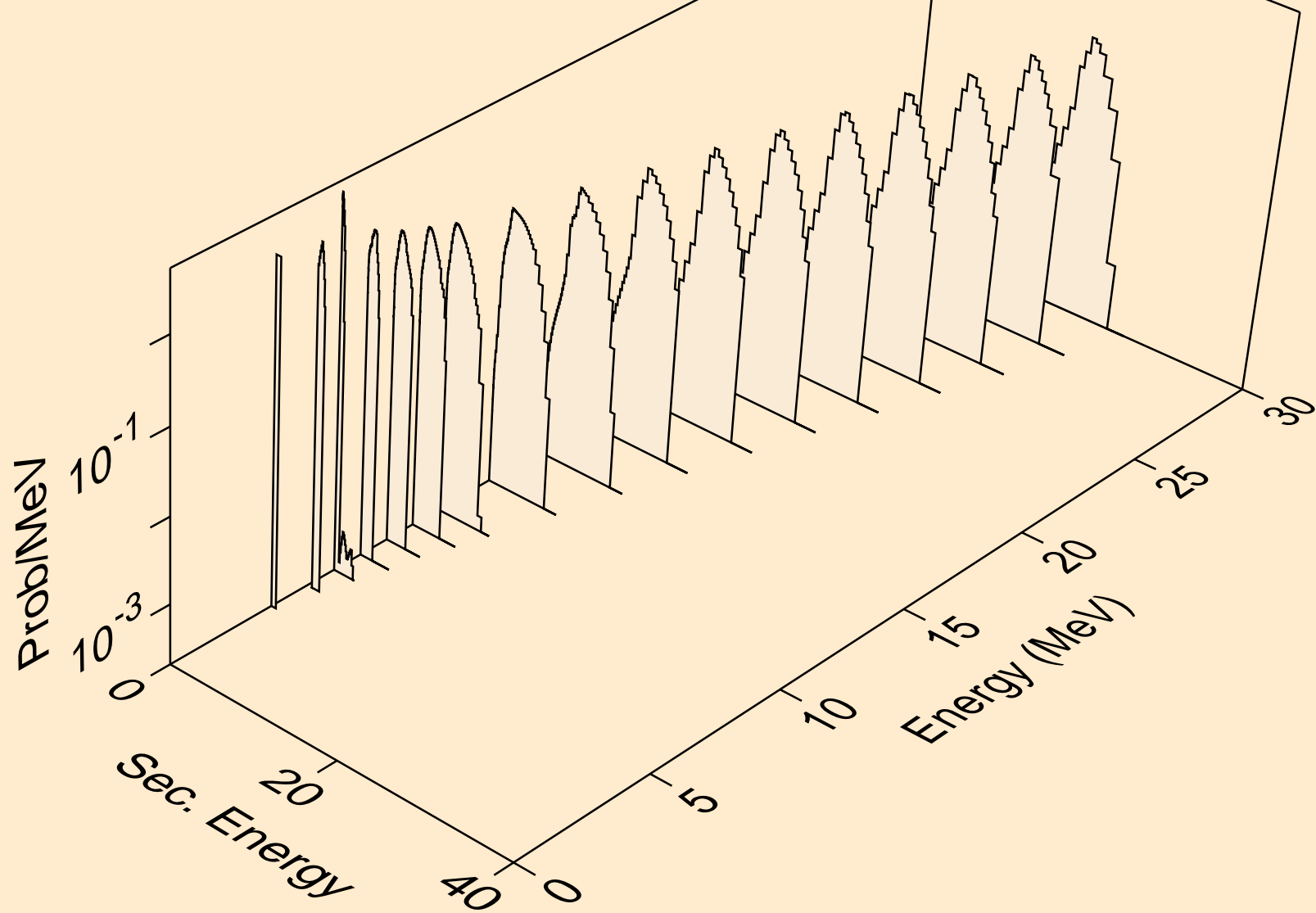


SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

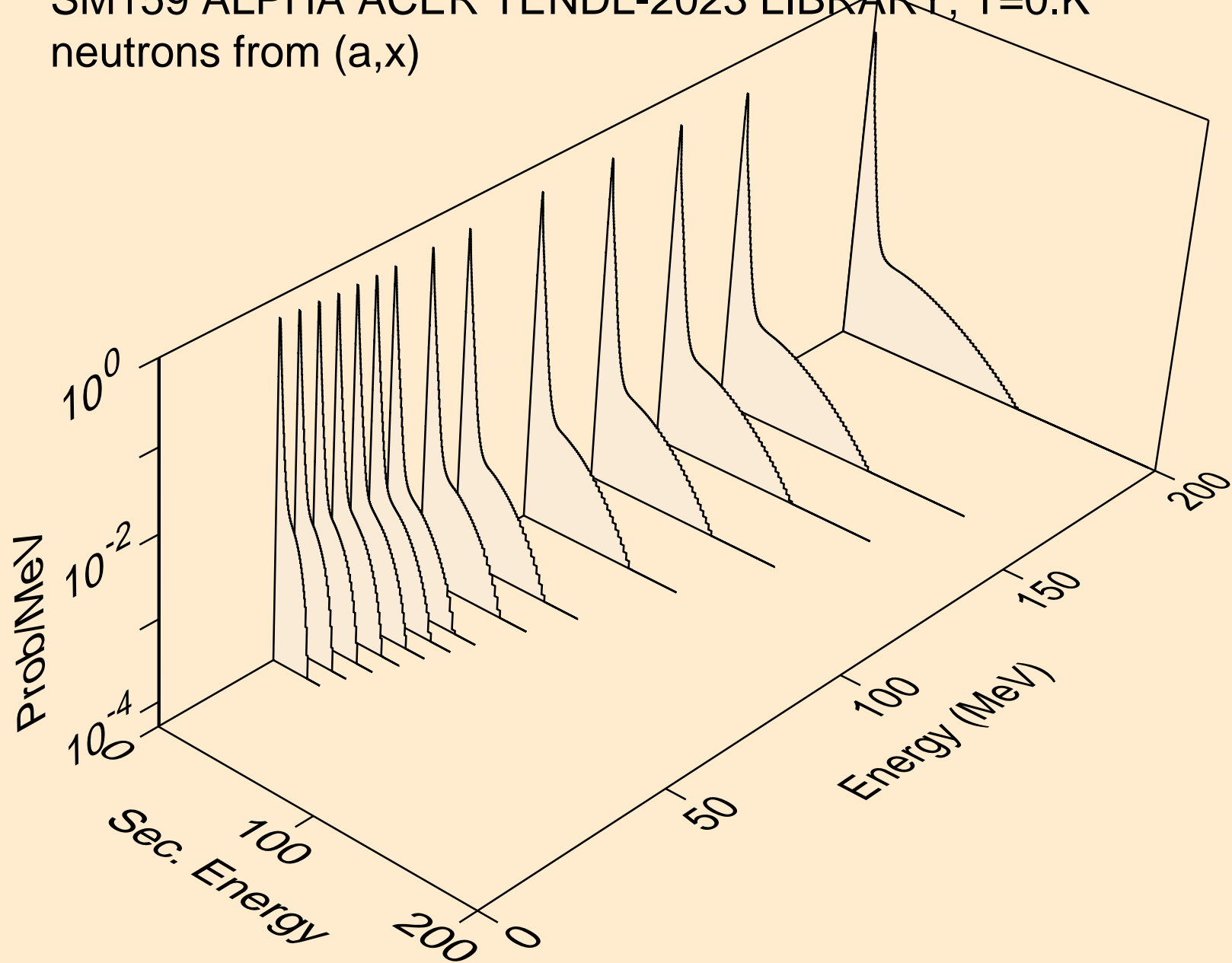
Particle production cross sections



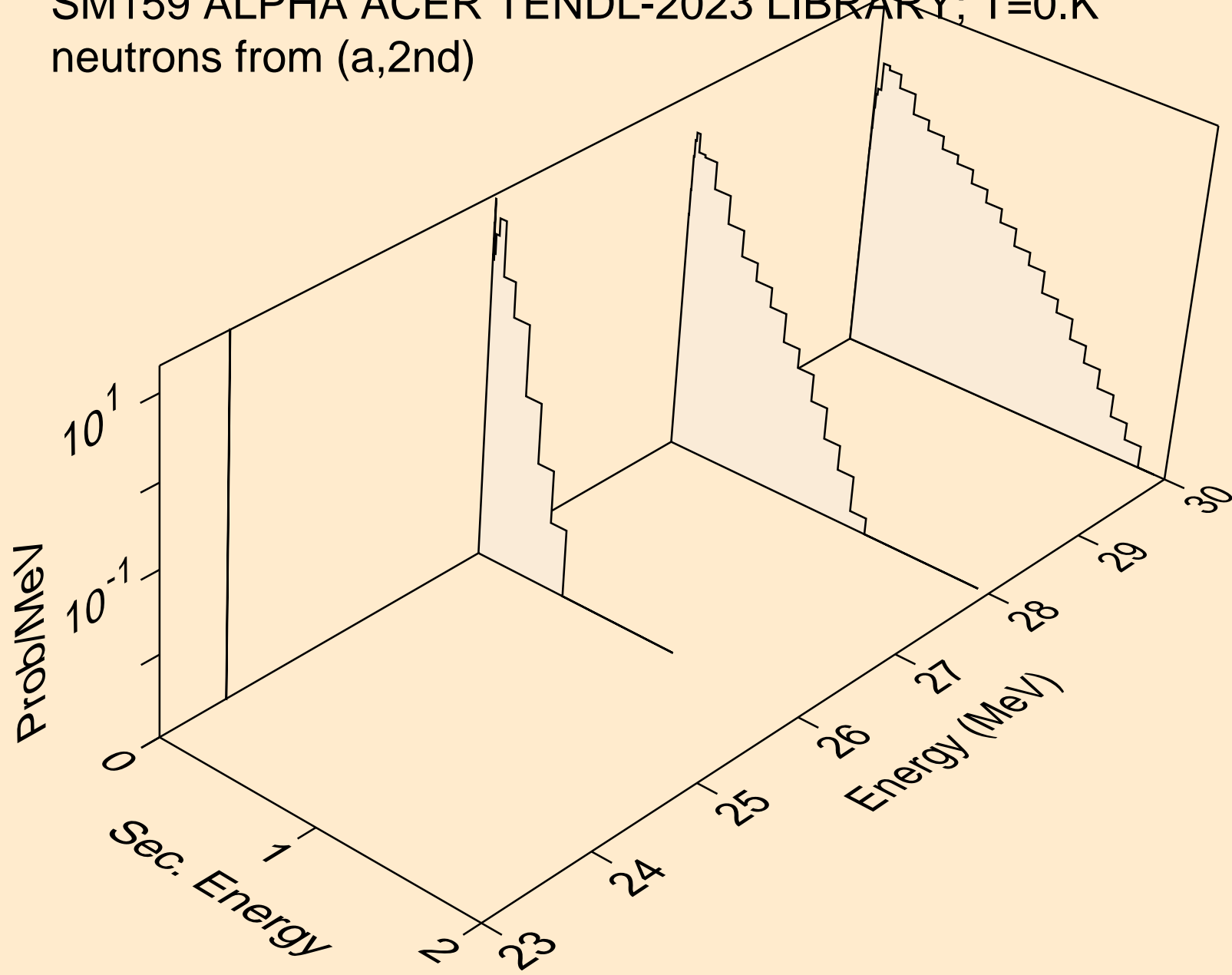
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



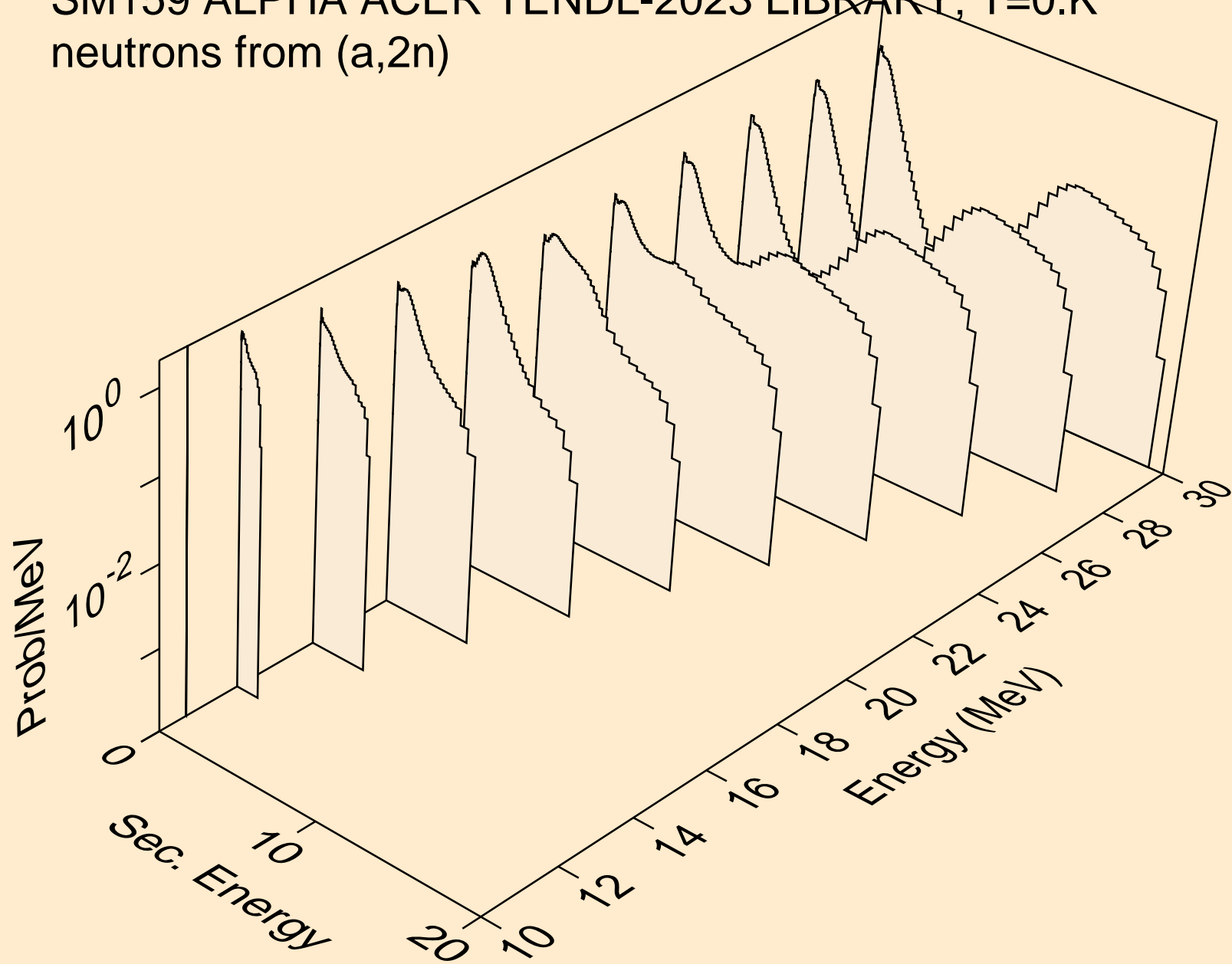
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



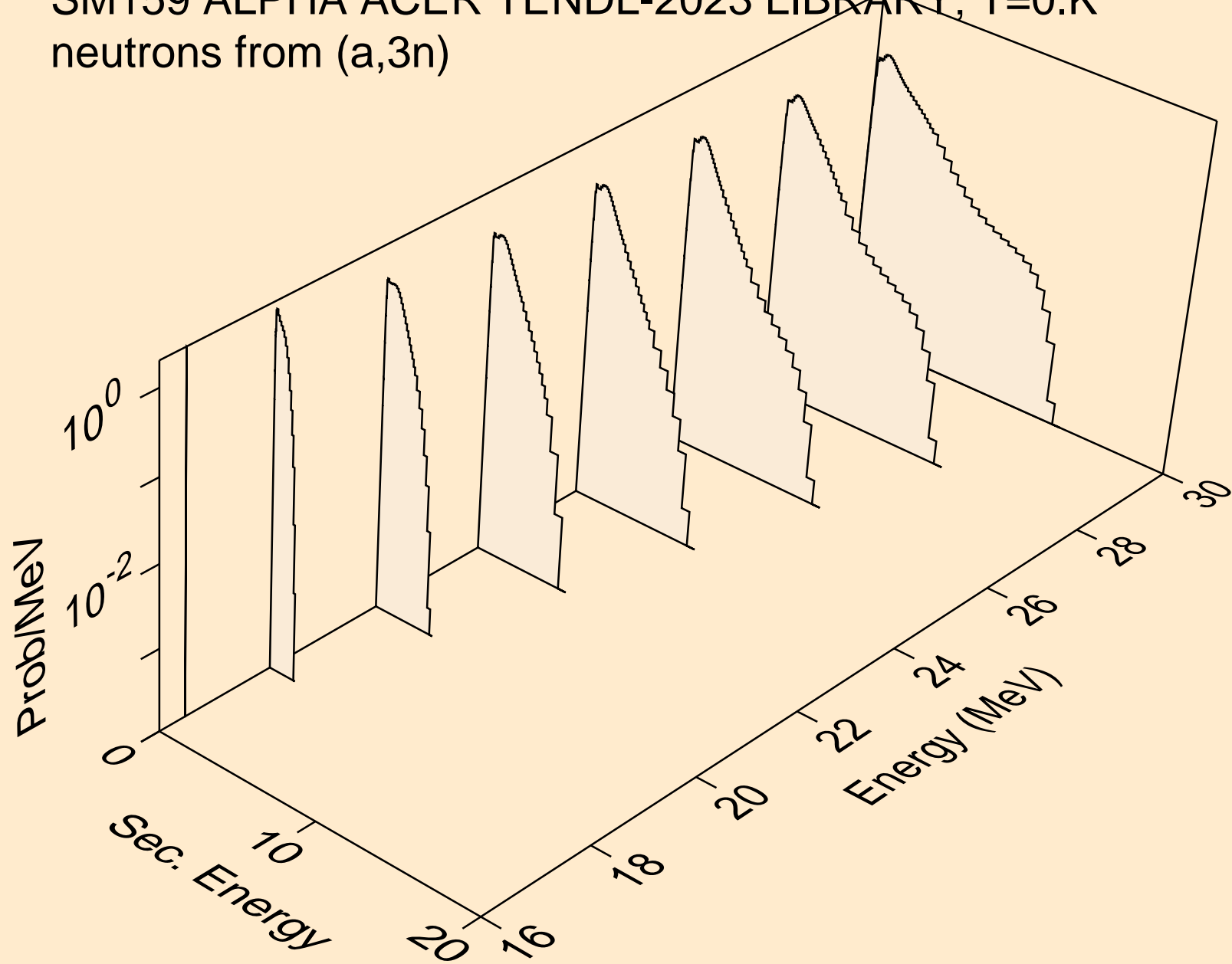
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2nd)



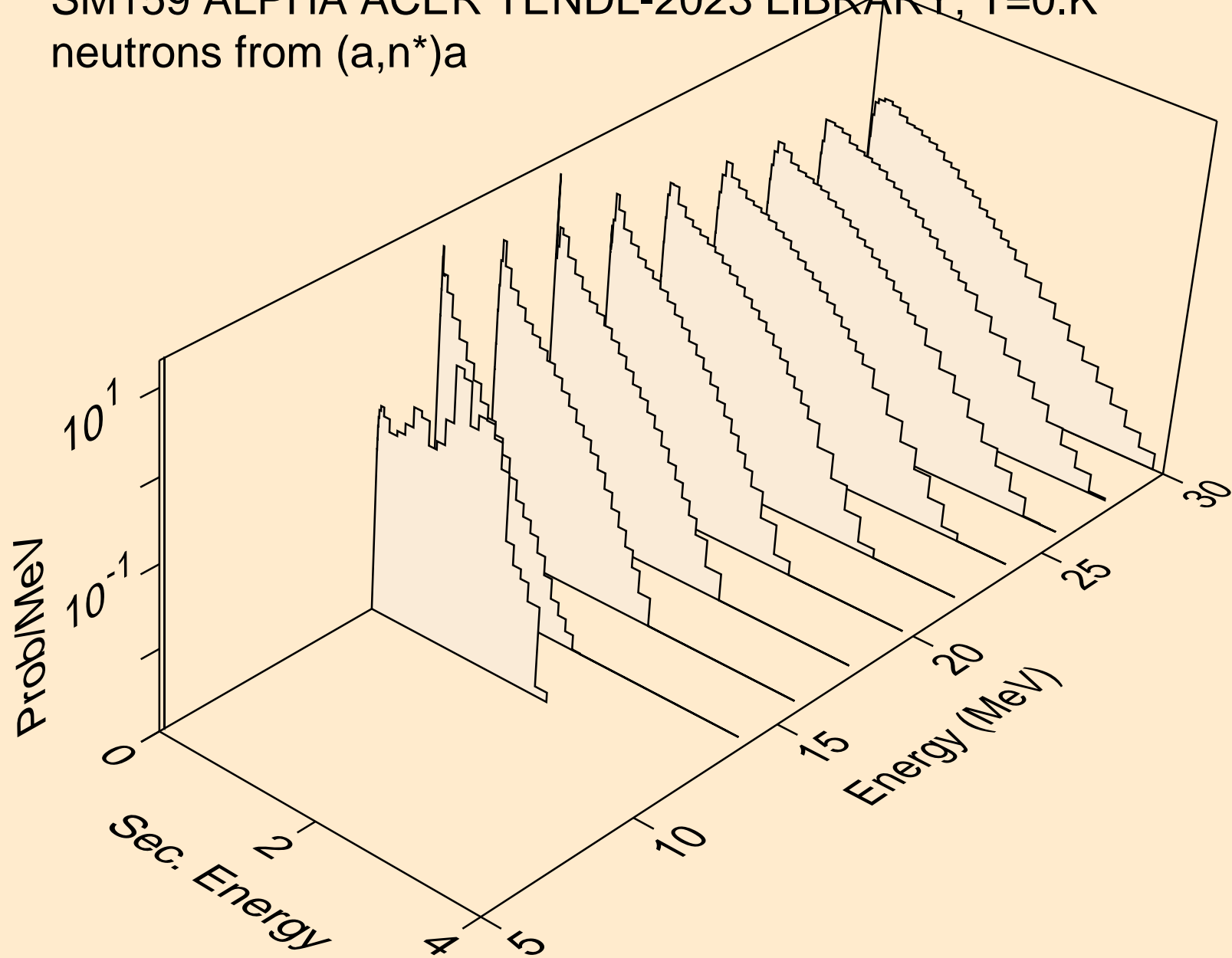
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neutrons from (a,2n)



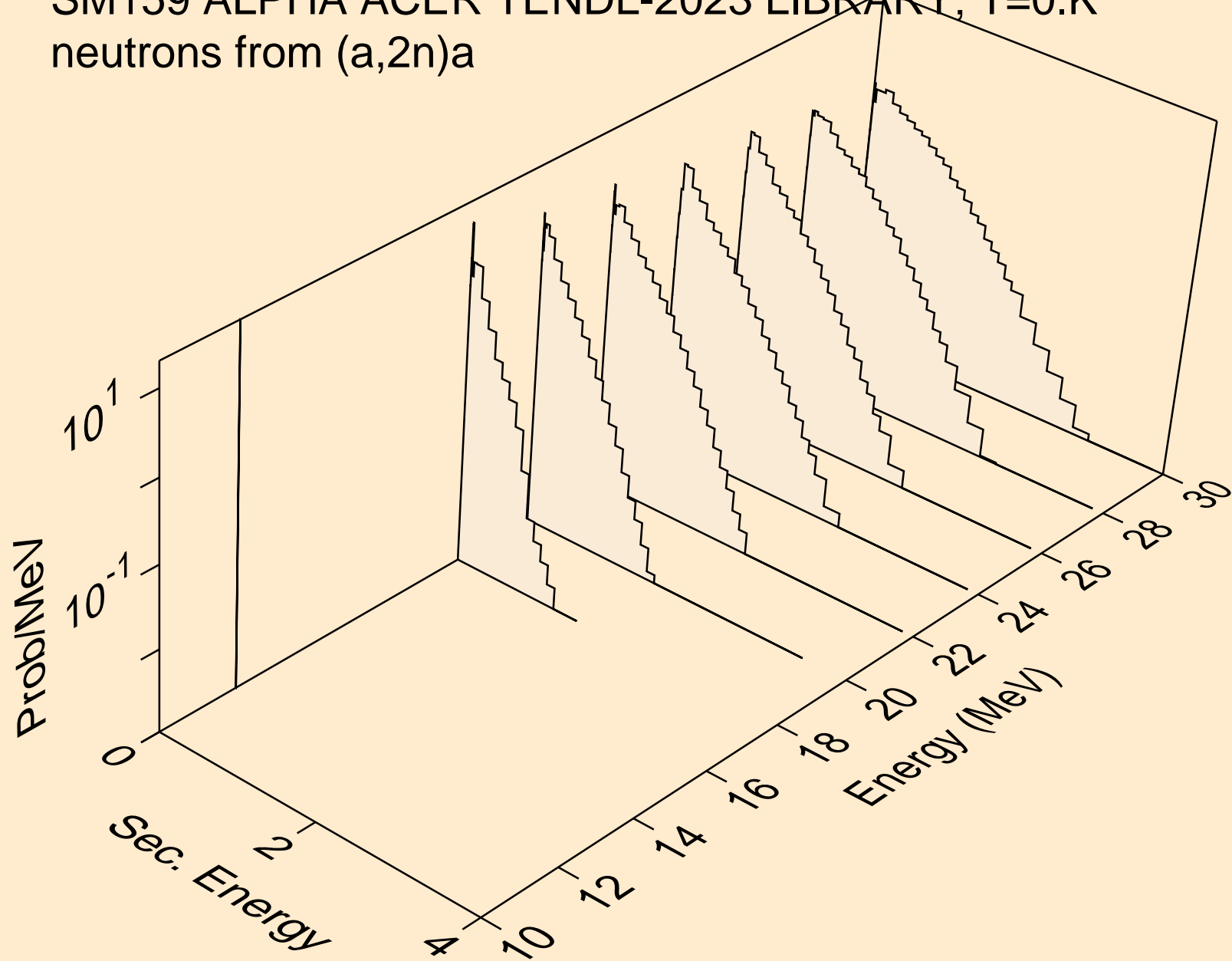
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neutrons from (a,3n)



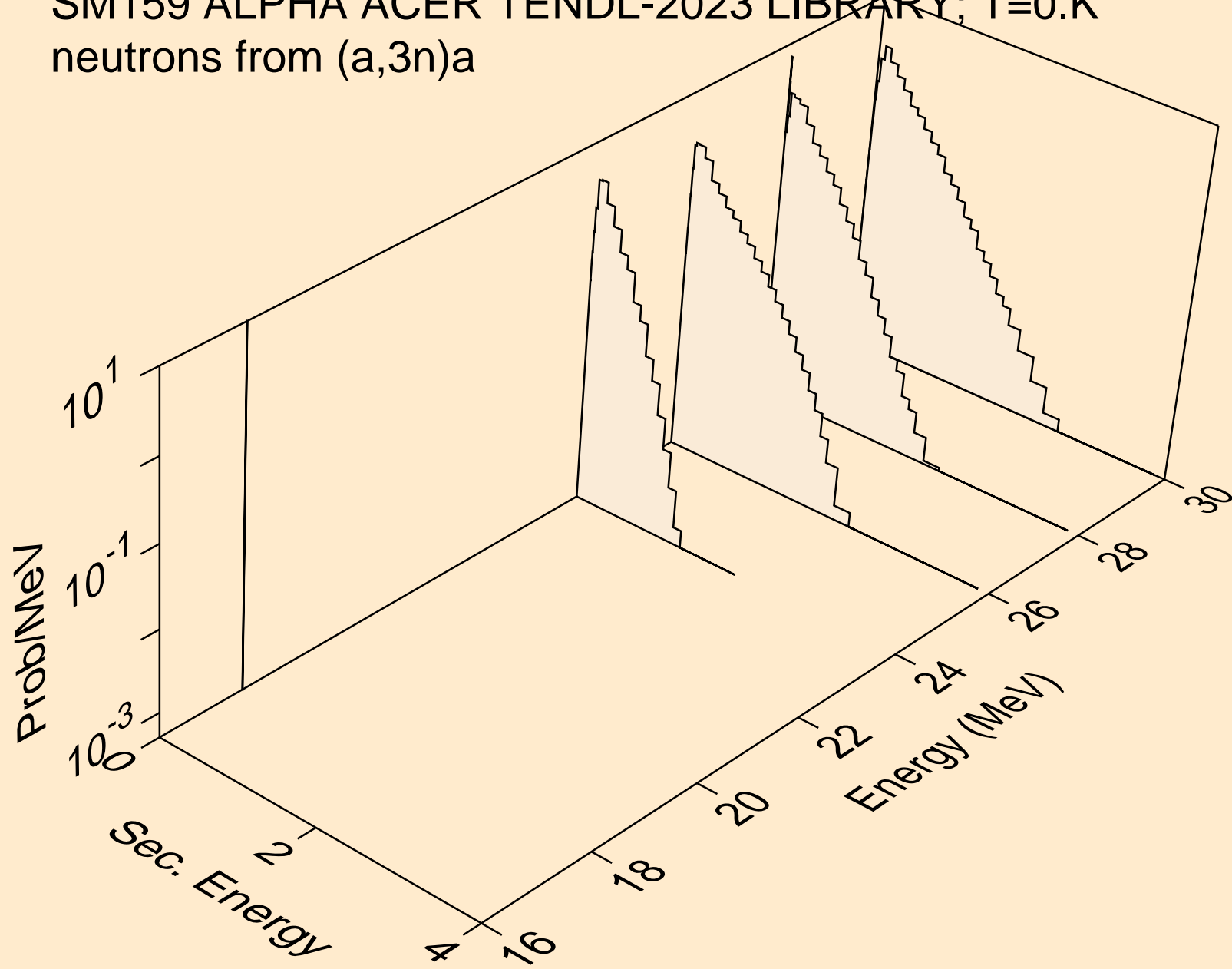
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



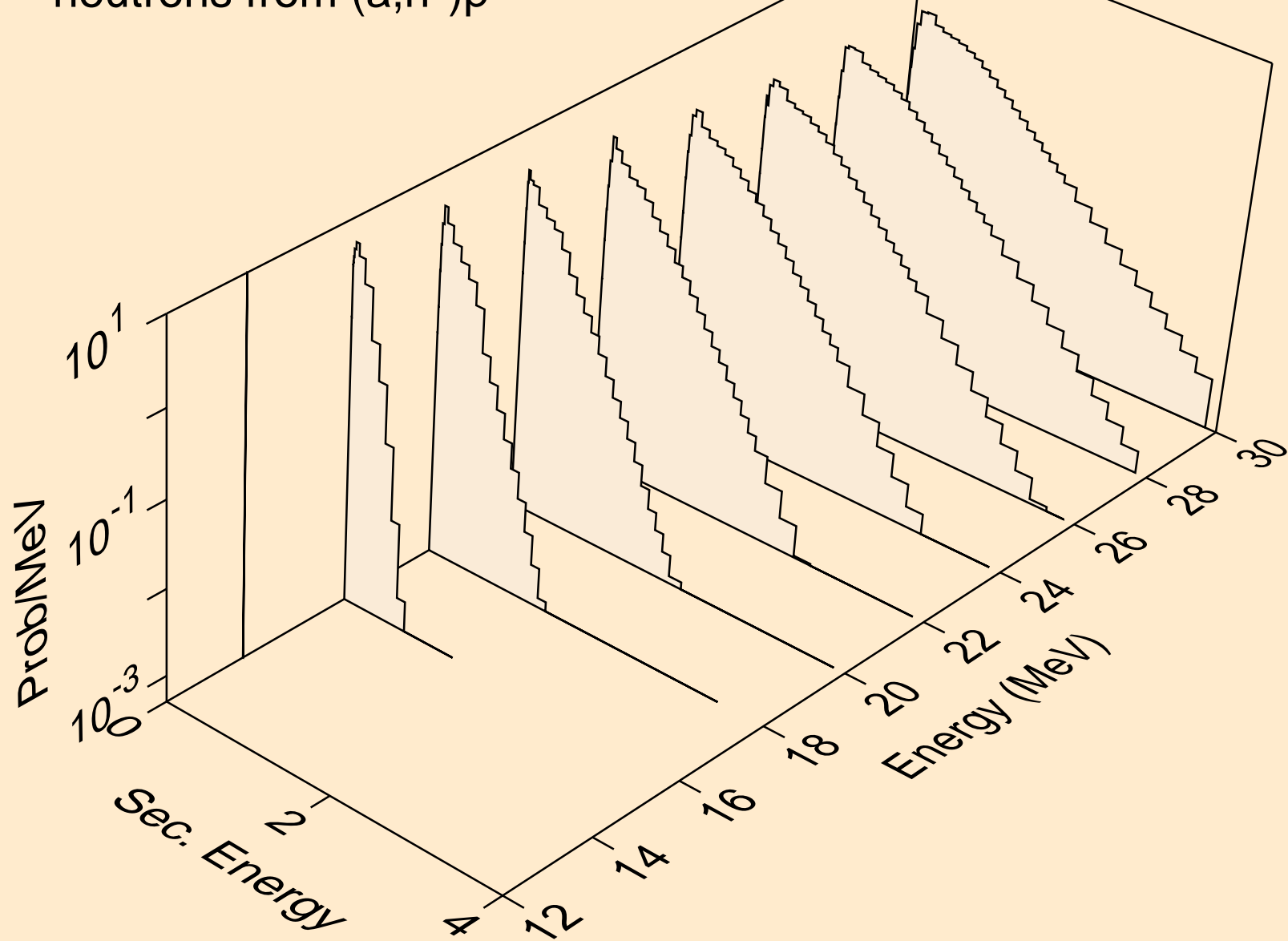
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)a



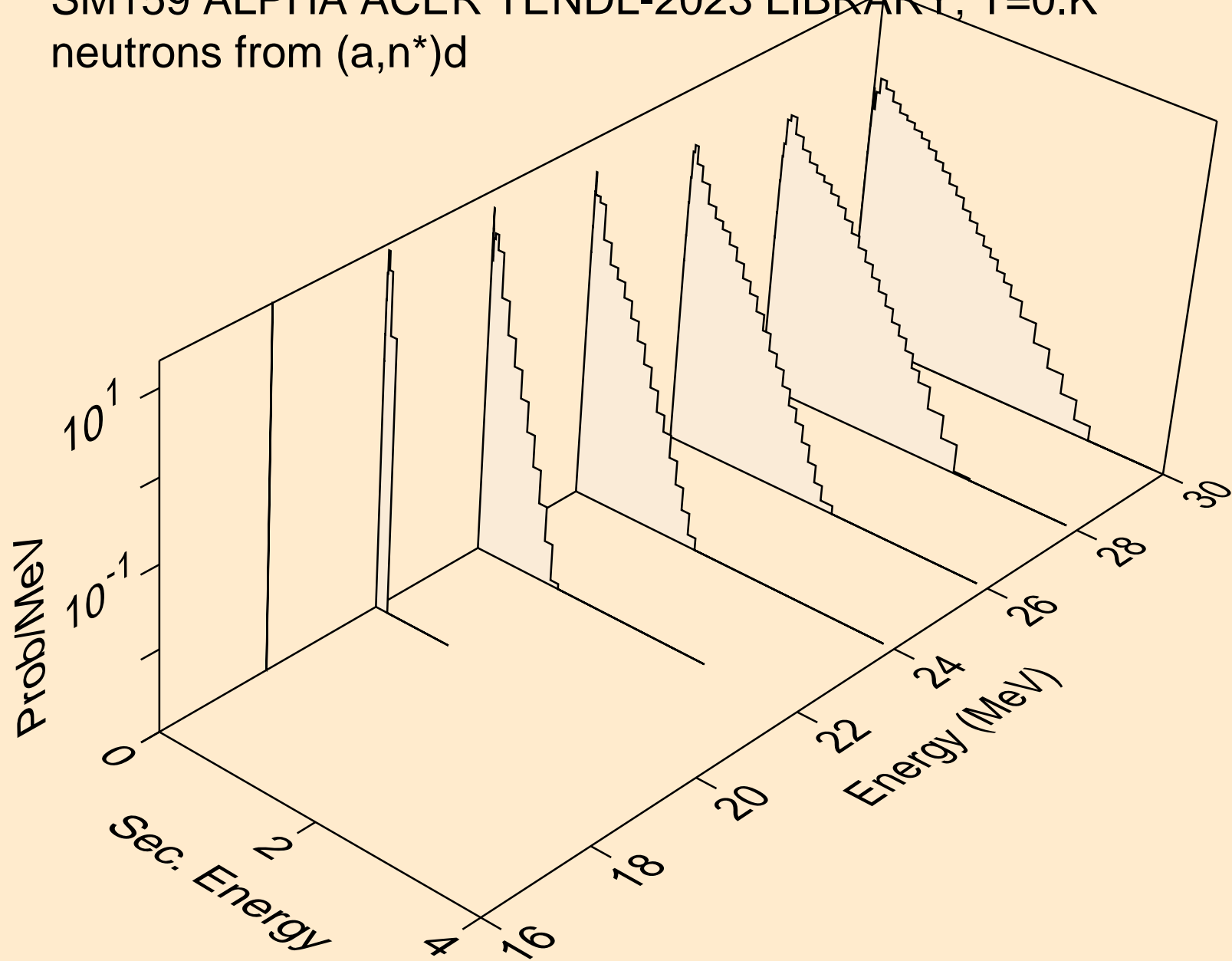
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,3n)a



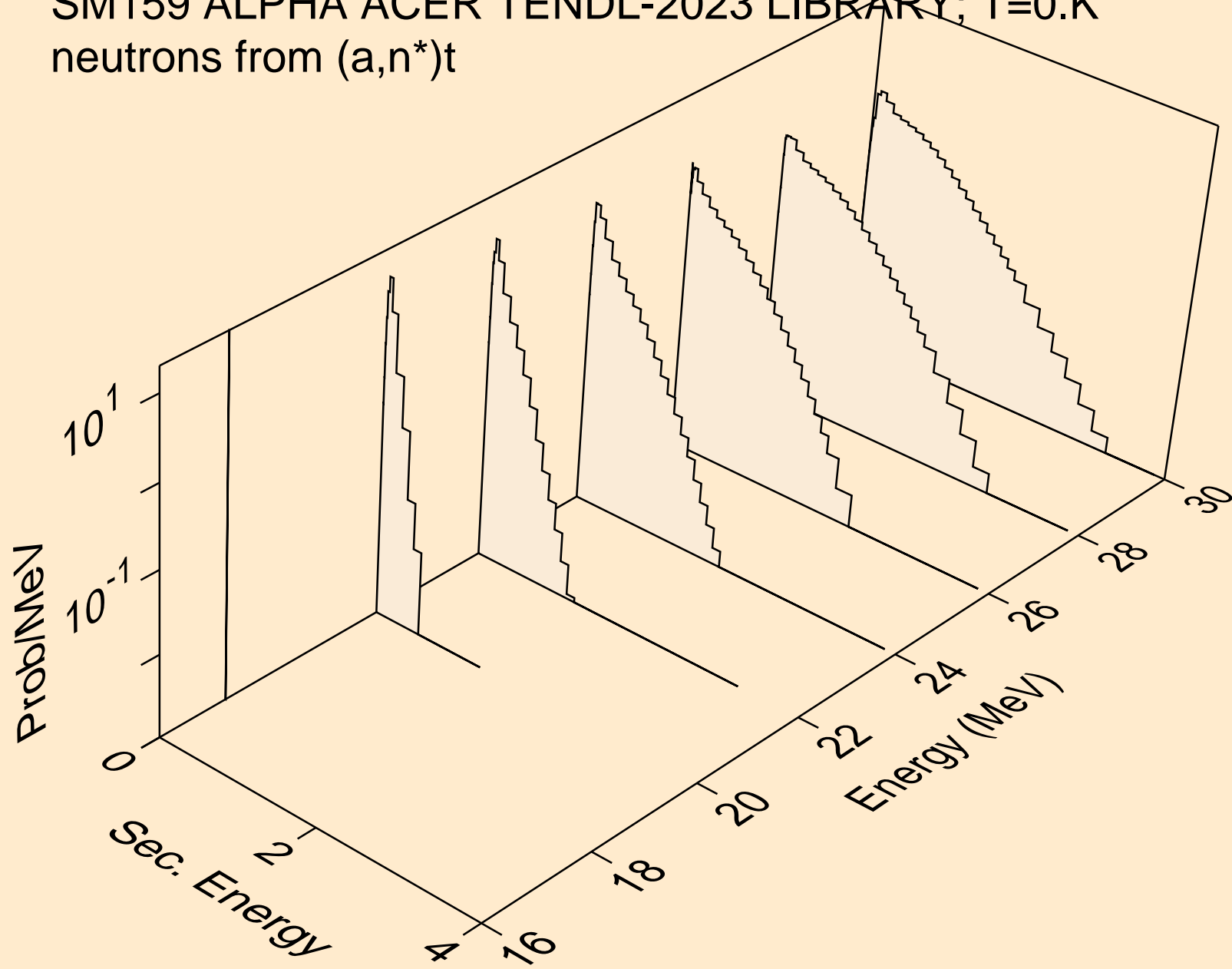
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



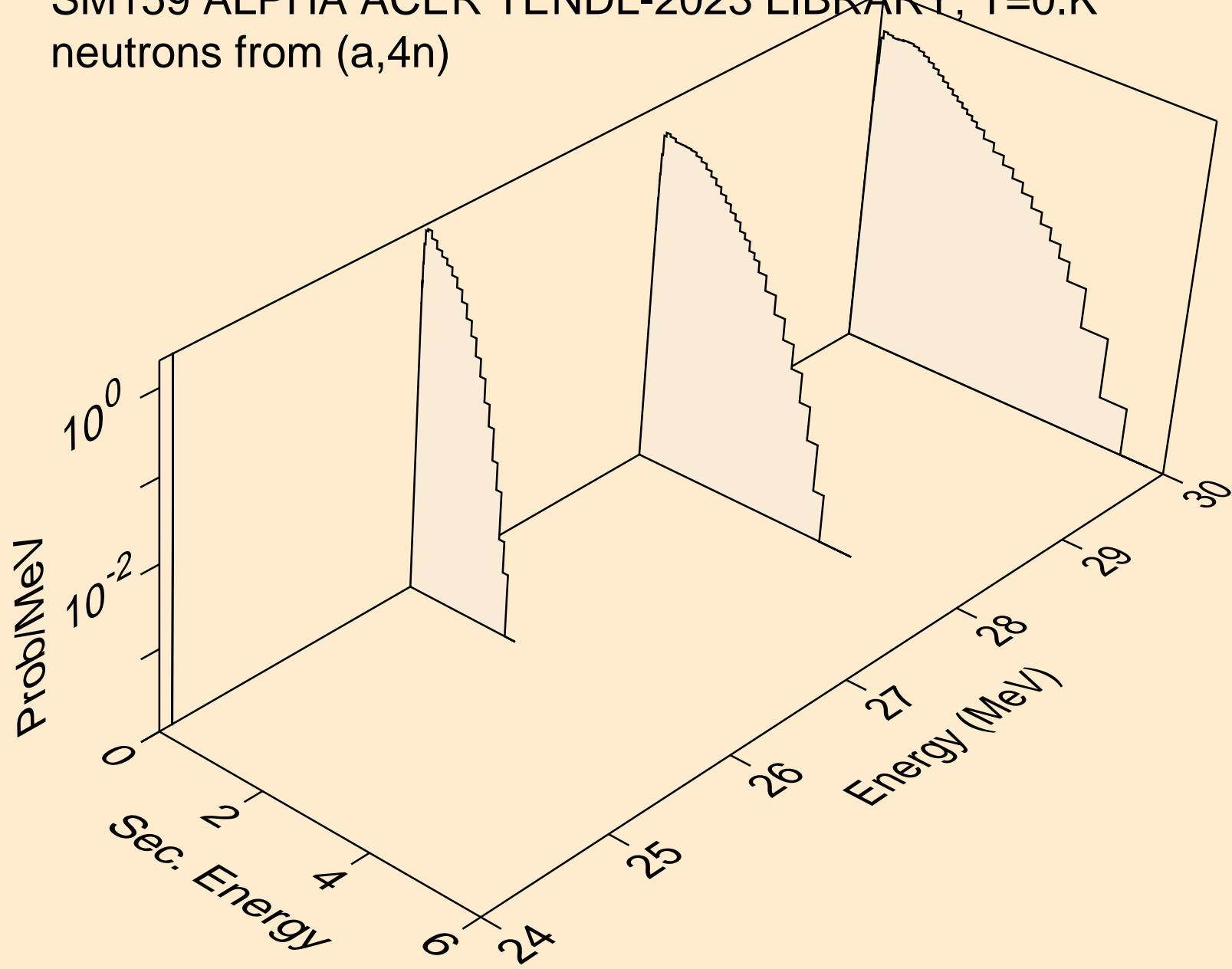
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)d



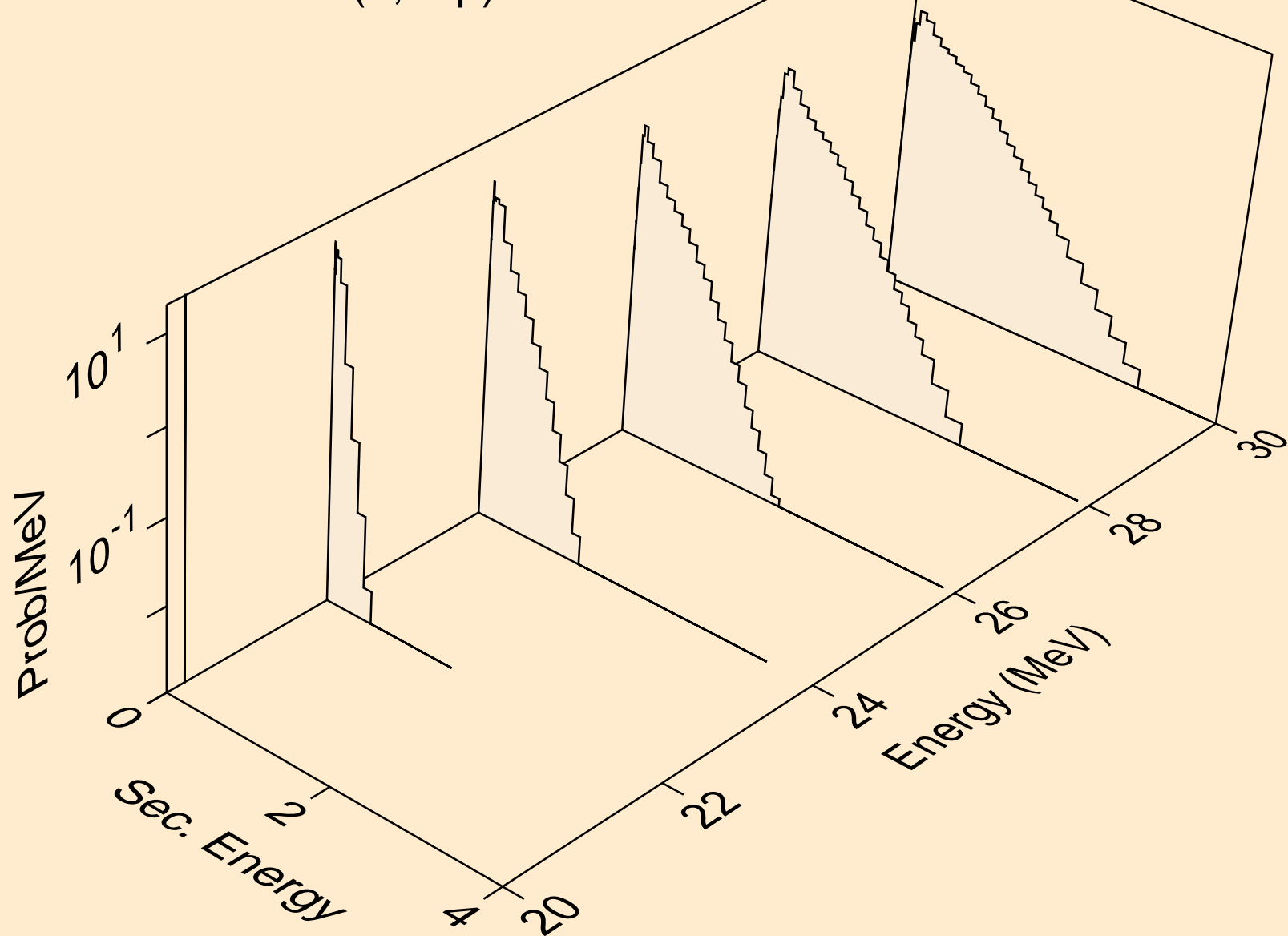
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)t



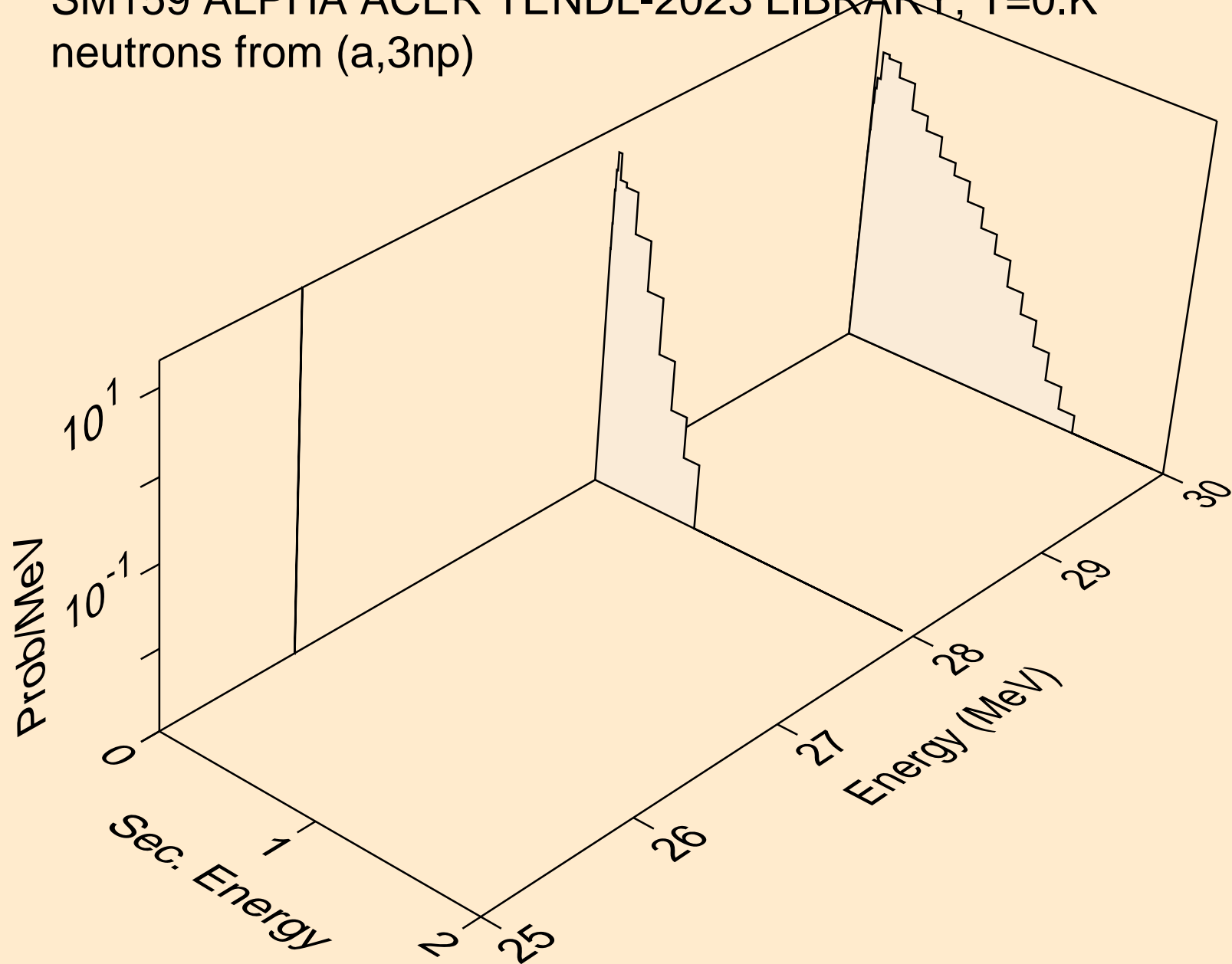
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,4n)



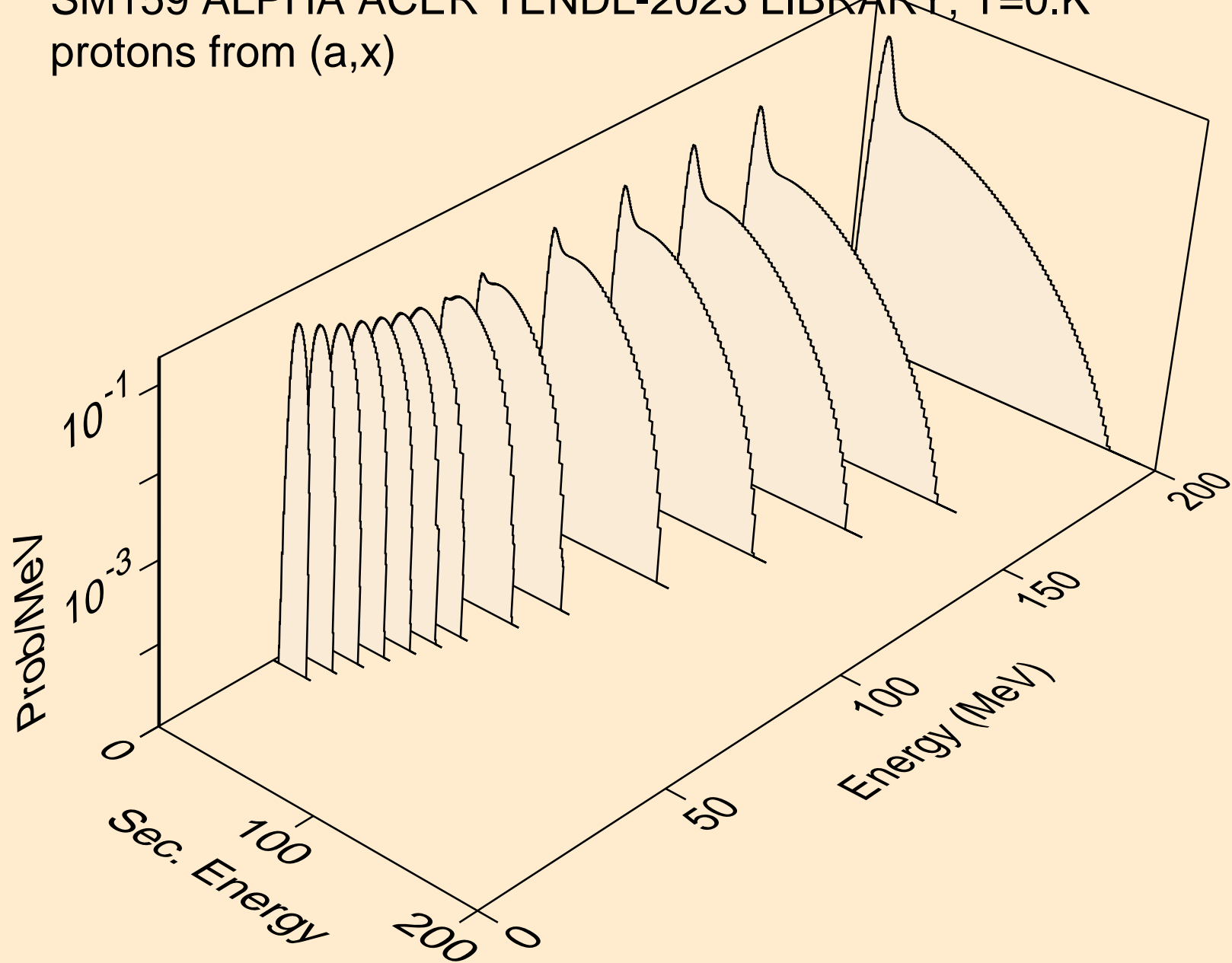
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2np)



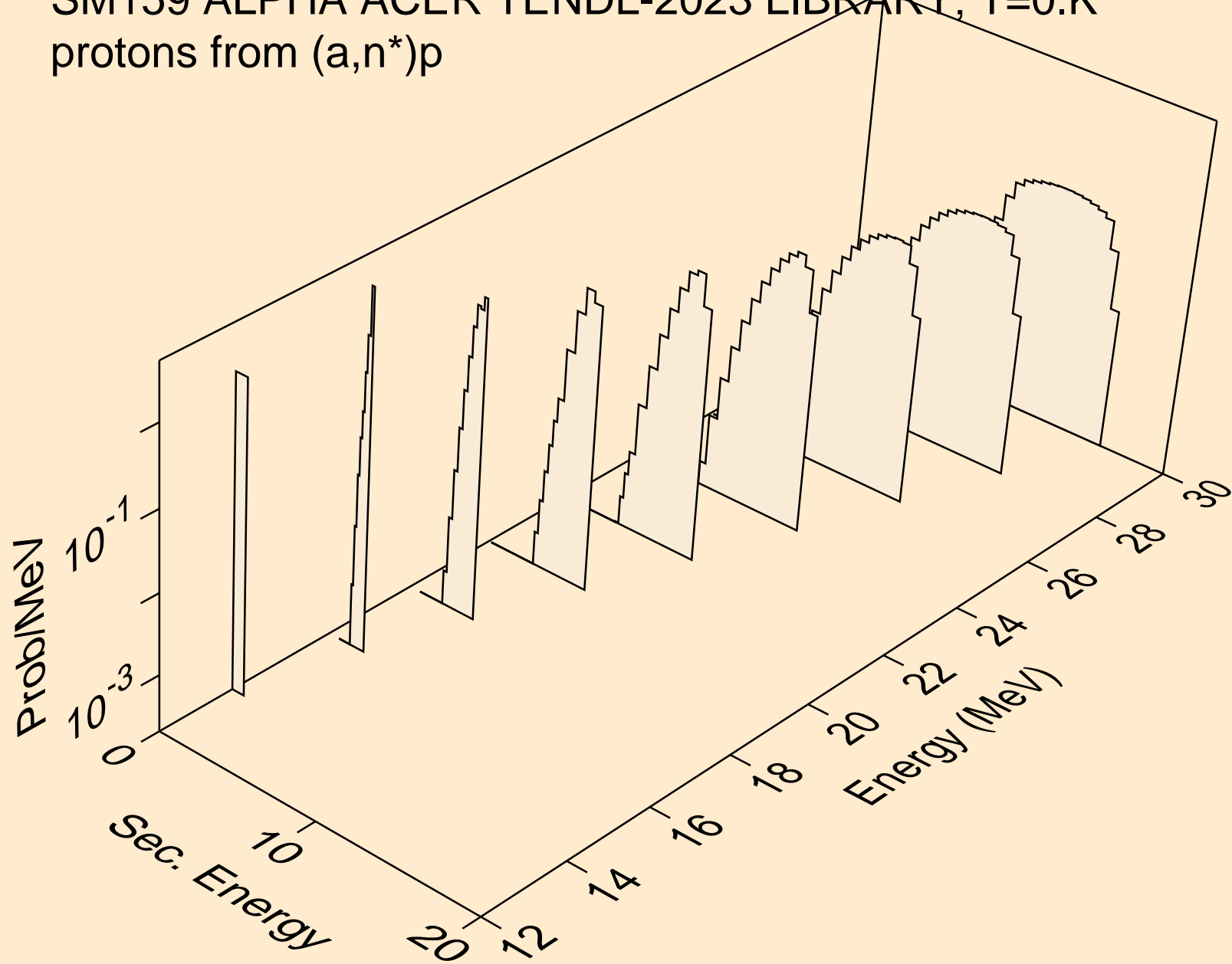
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,3np)



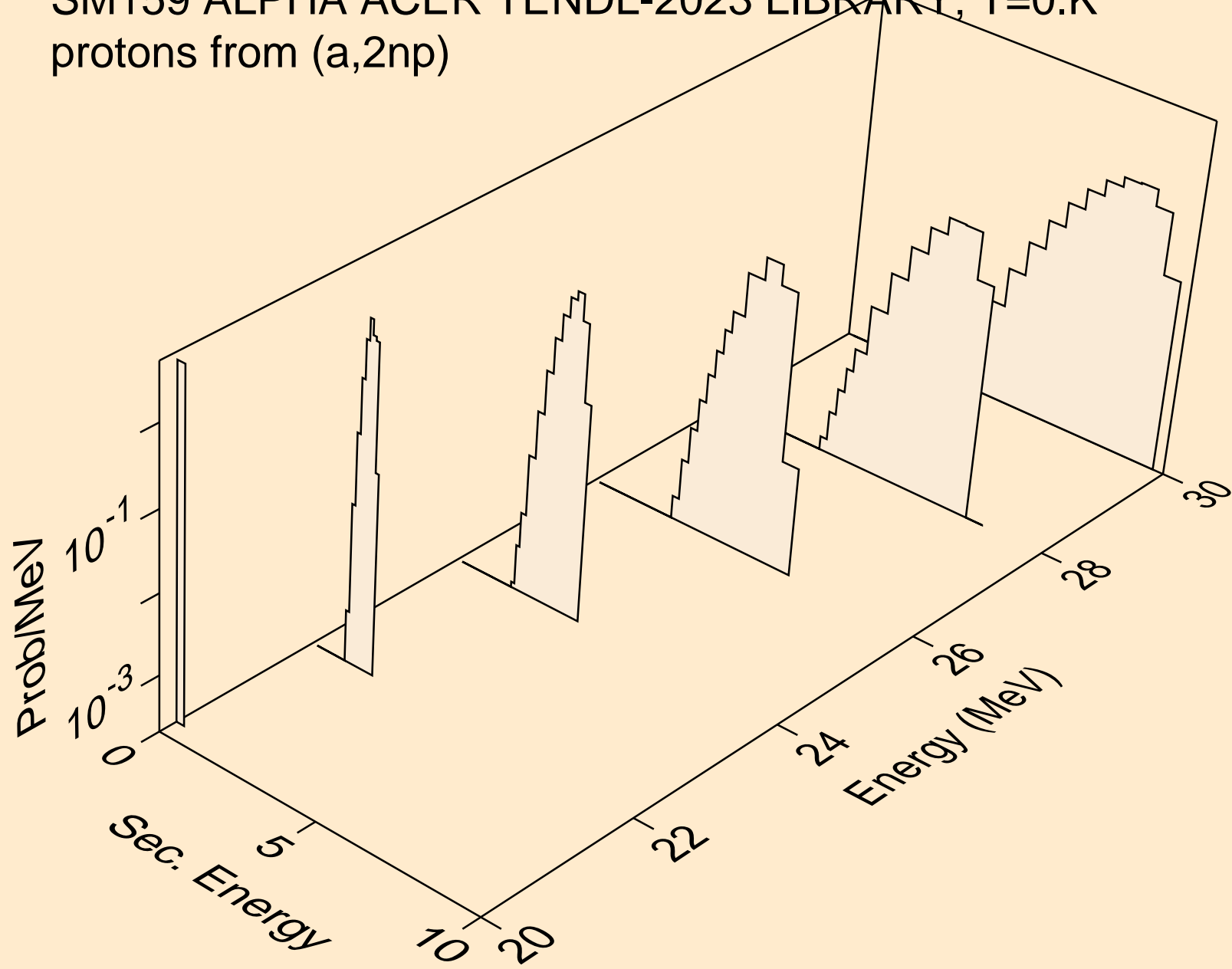
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,x)



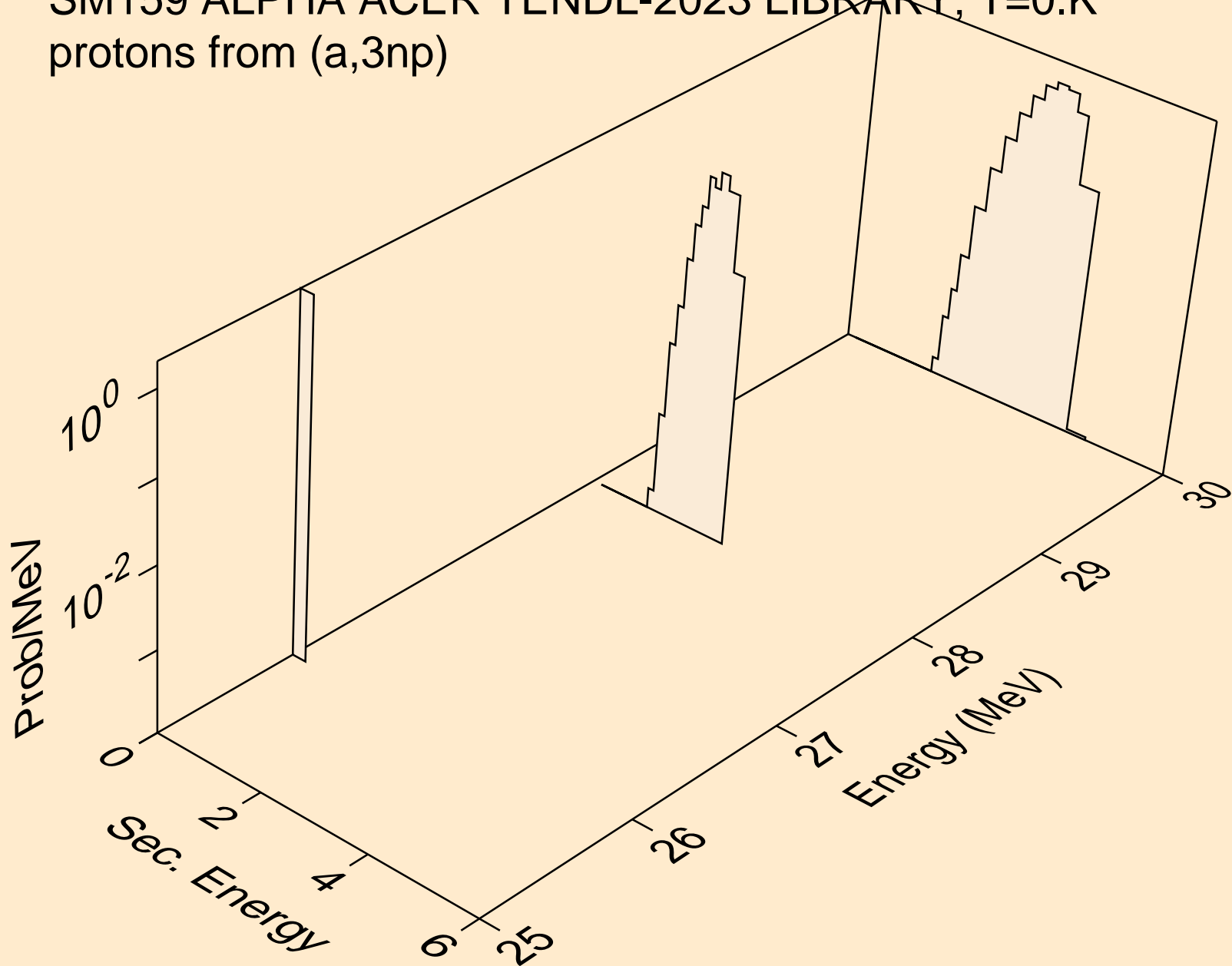
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n*)p



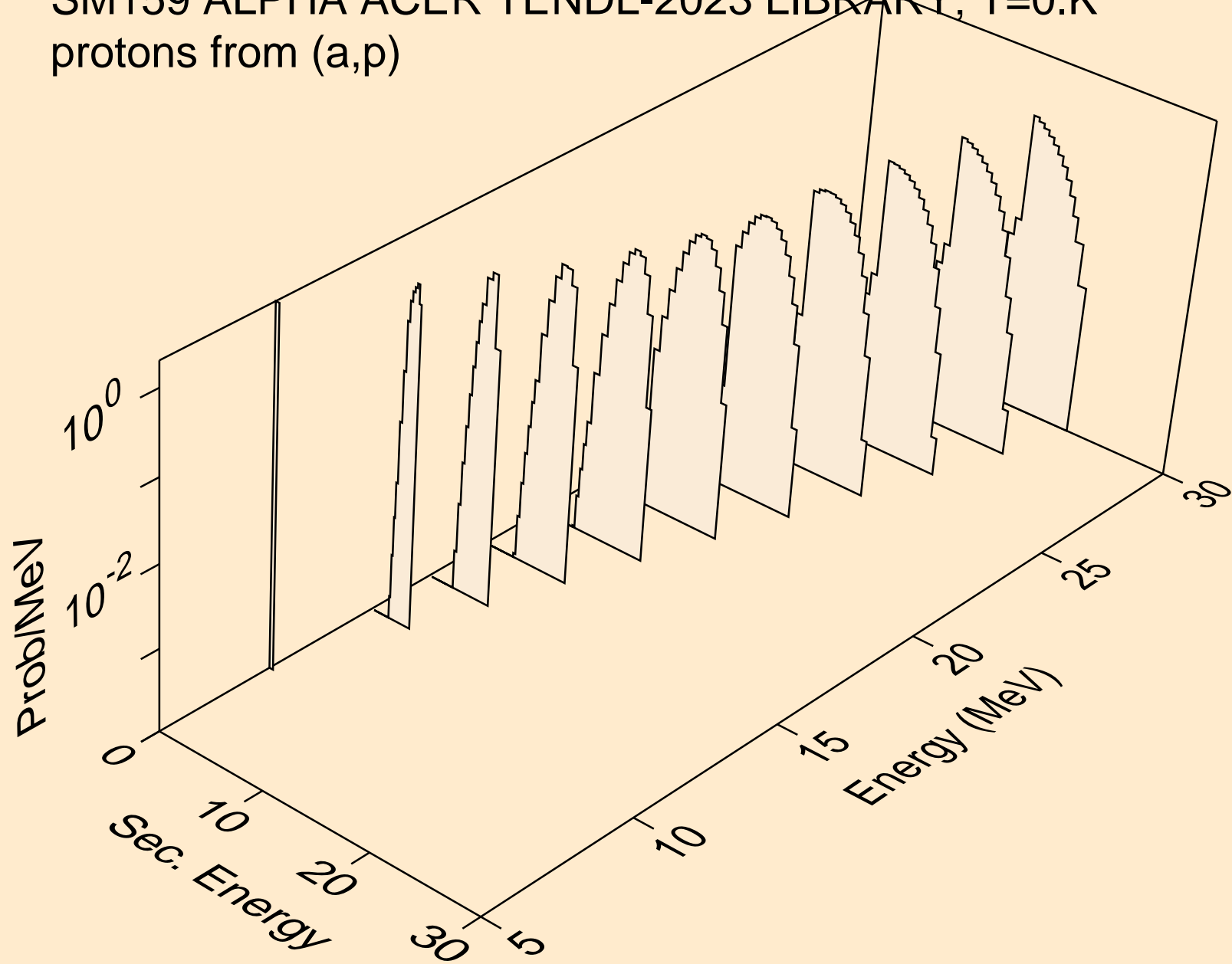
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protons from (a,2np)



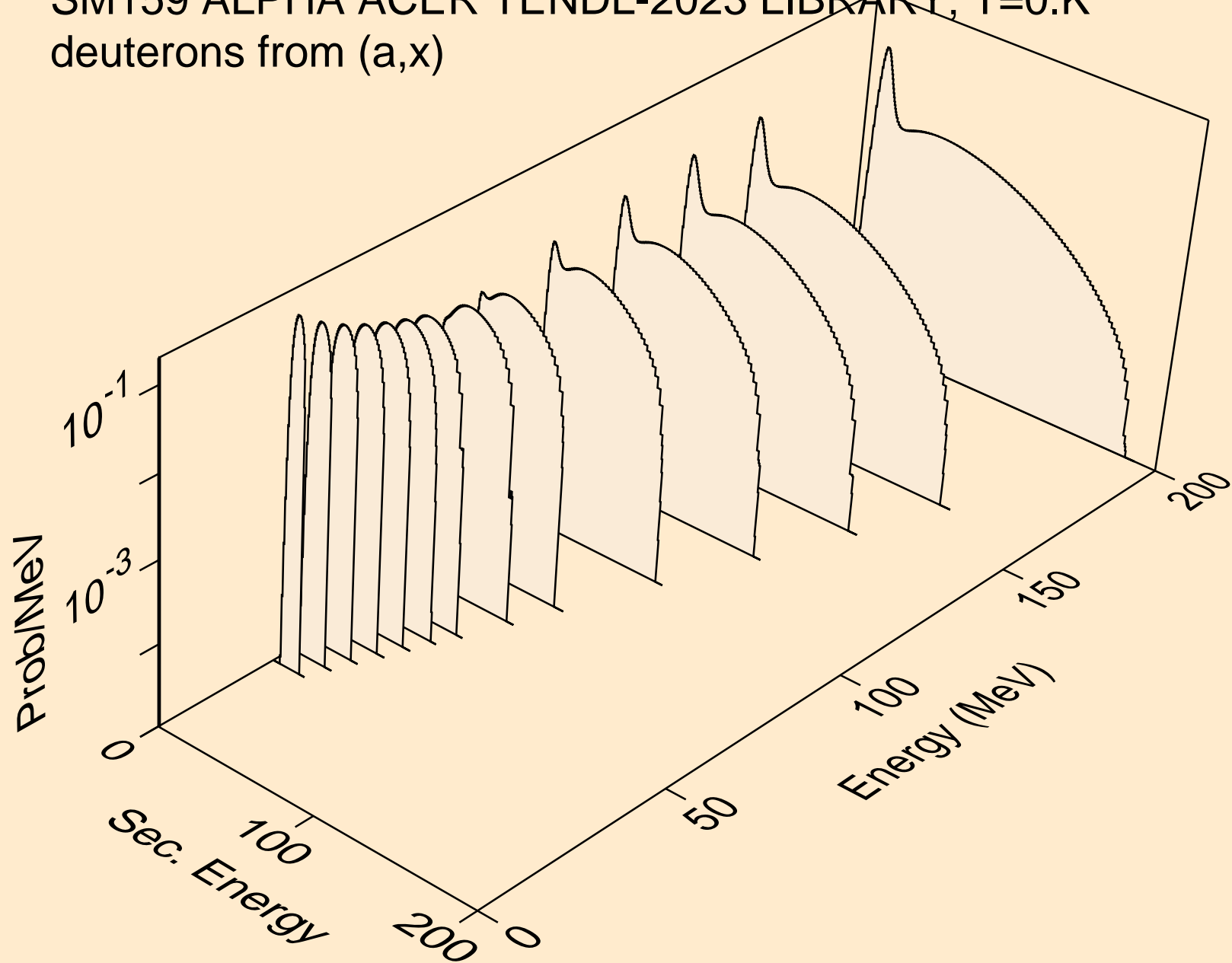
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protons from (a,3np)



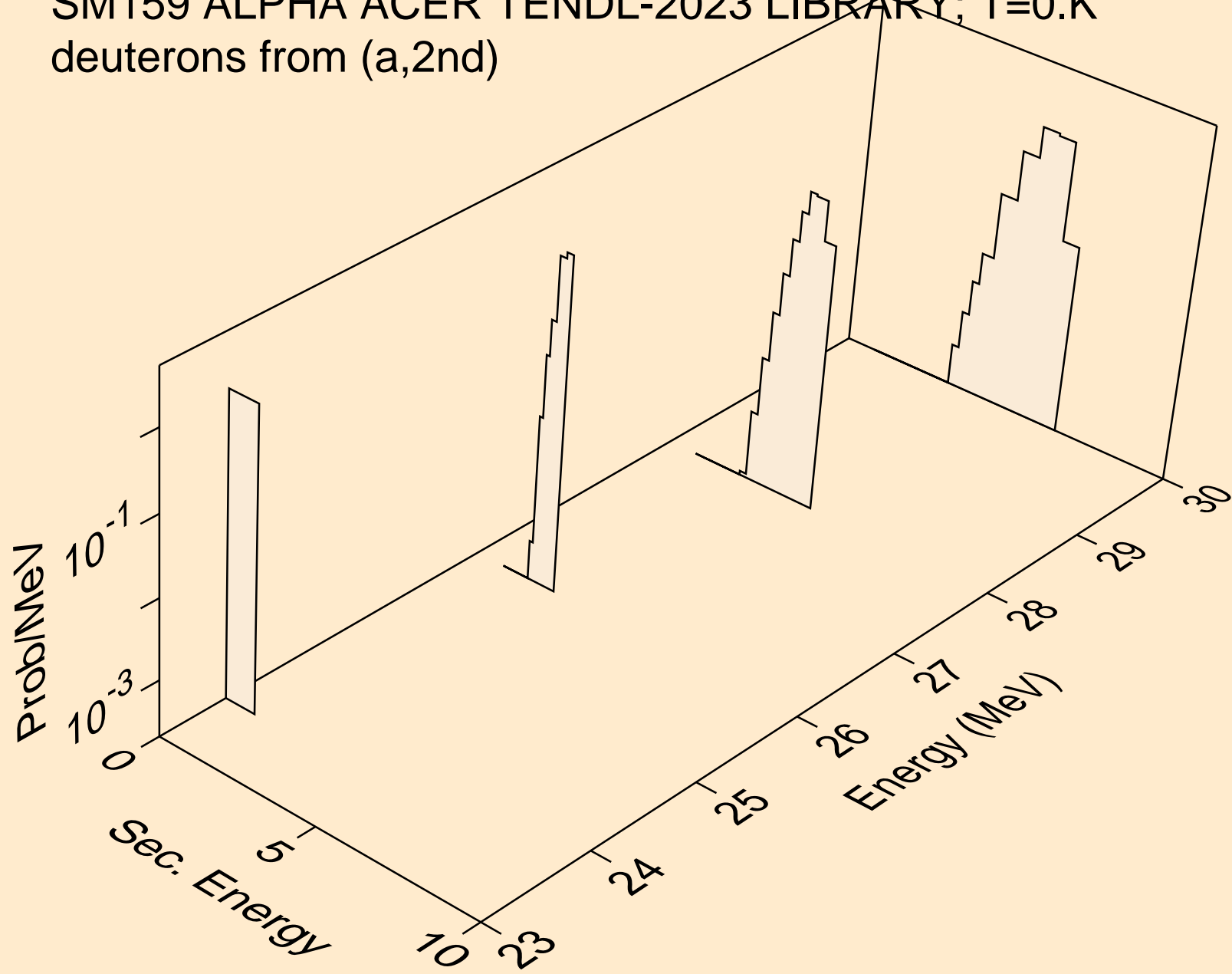
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protons from (a,p)



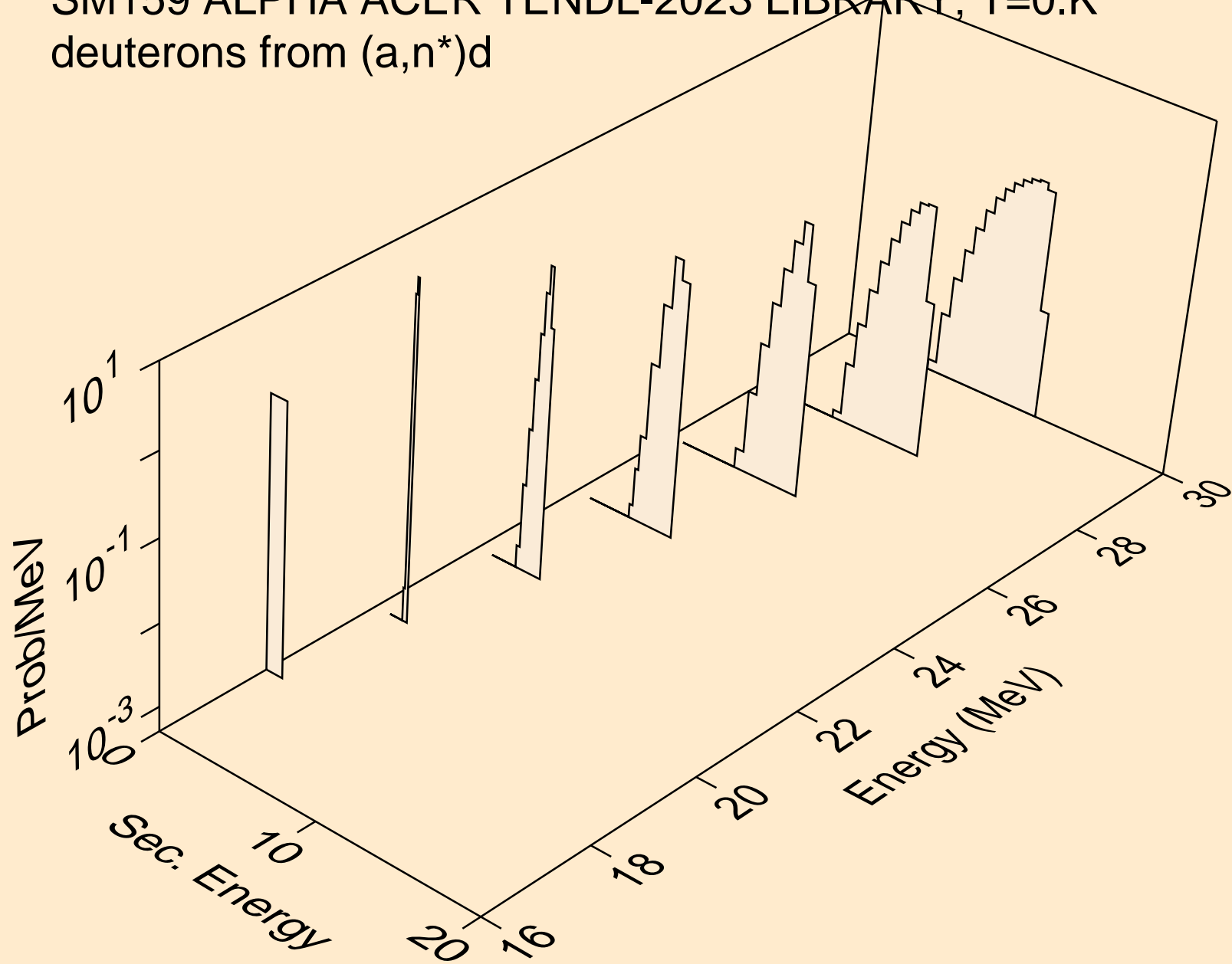
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



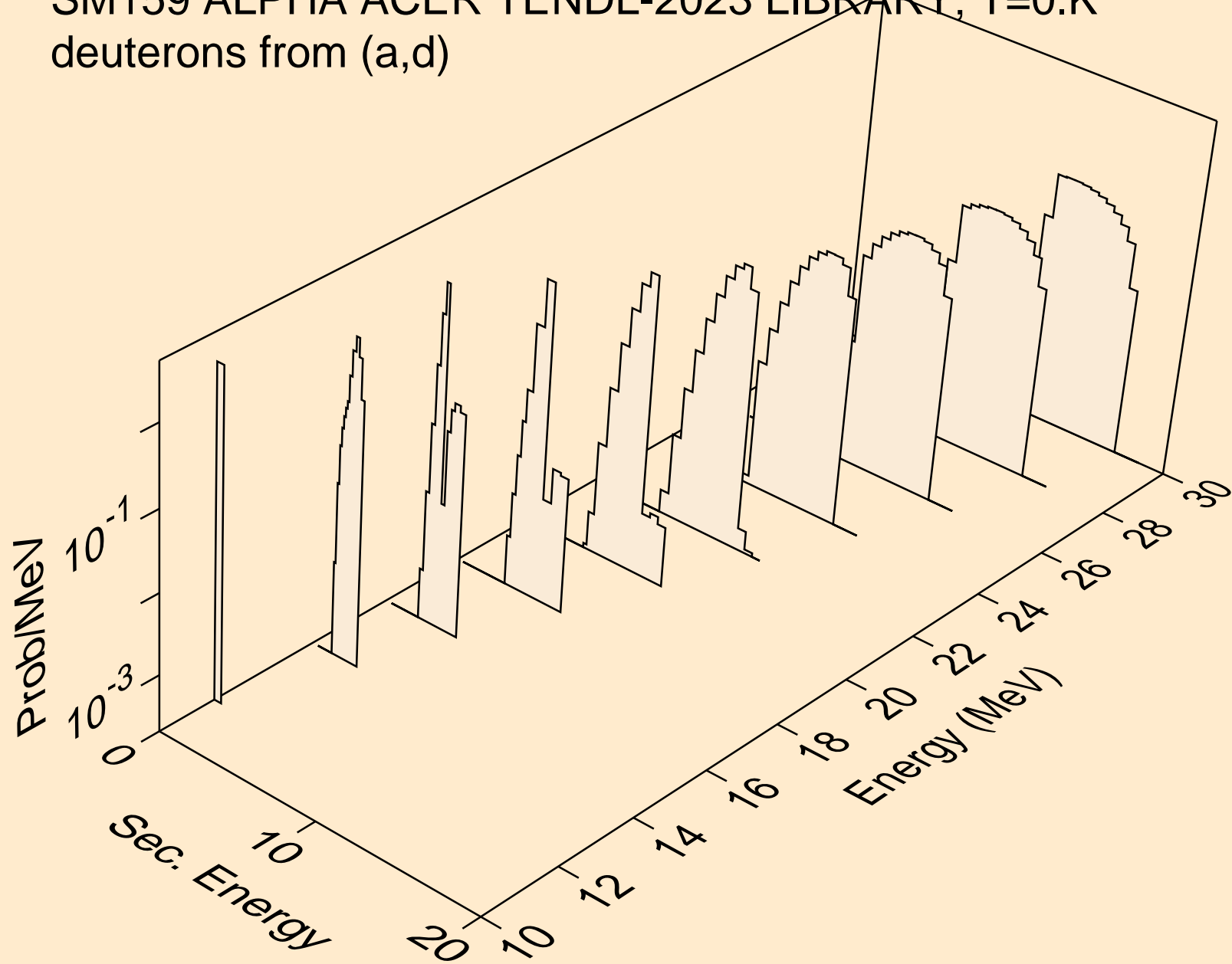
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,2nd)



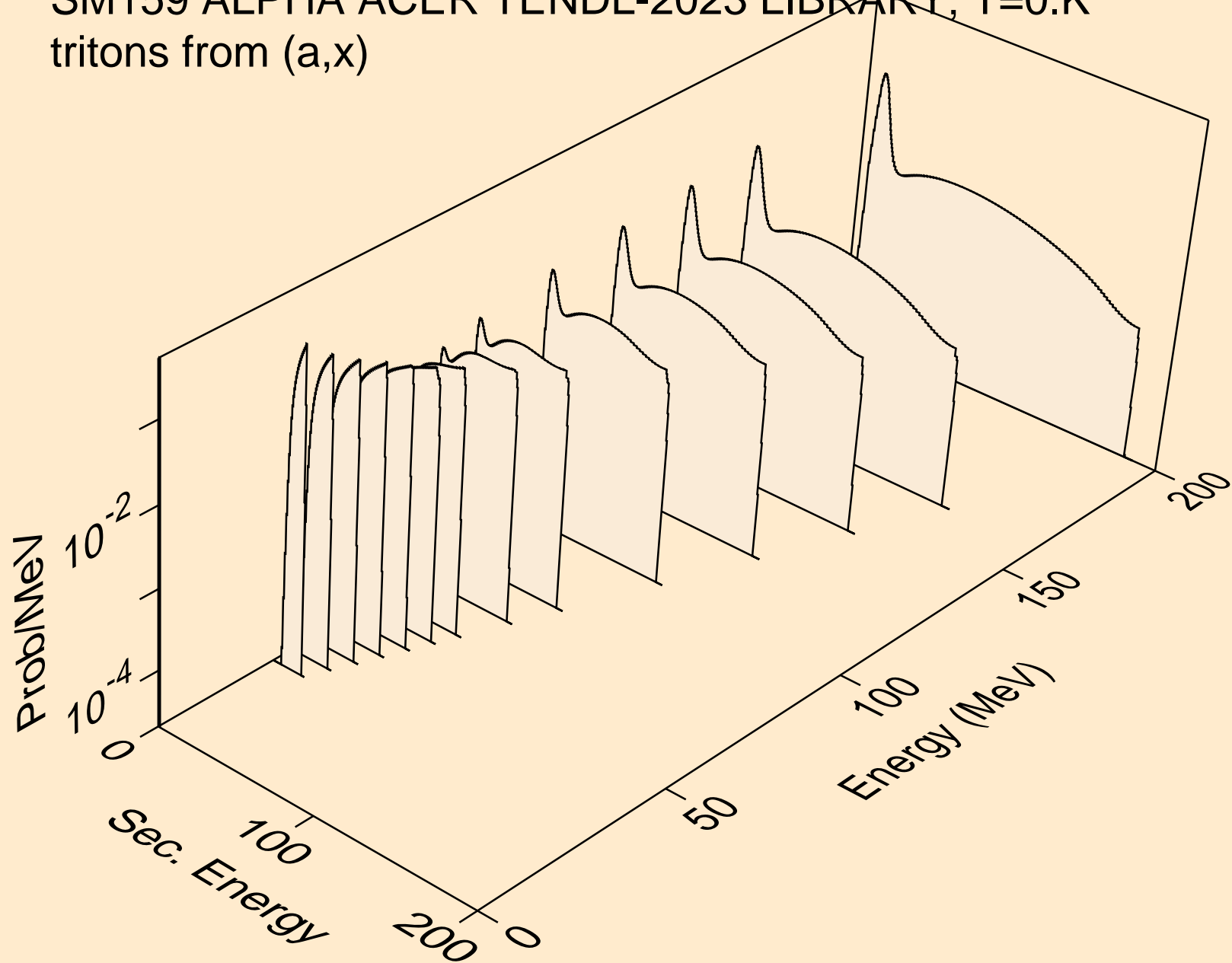
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,n*)d



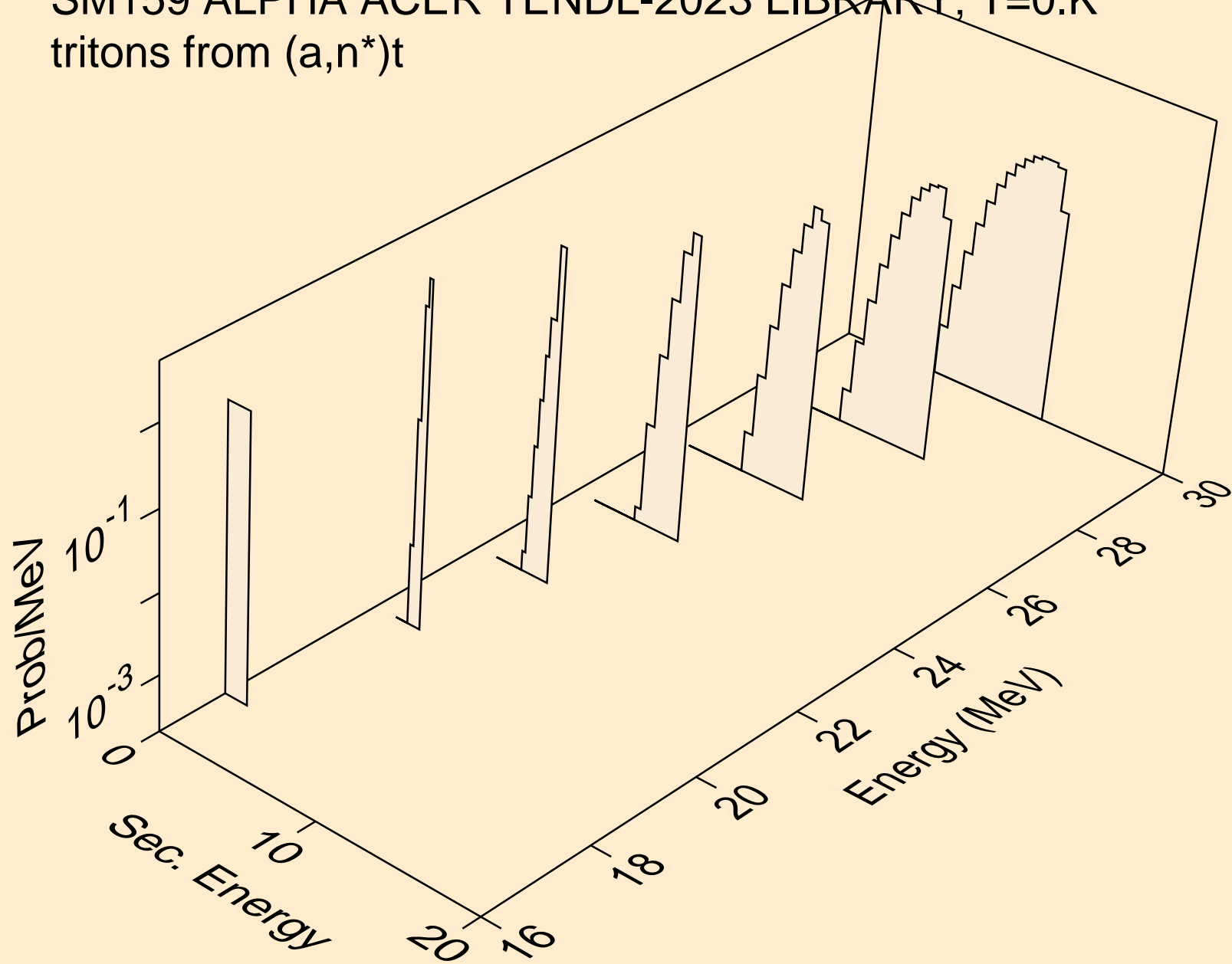
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



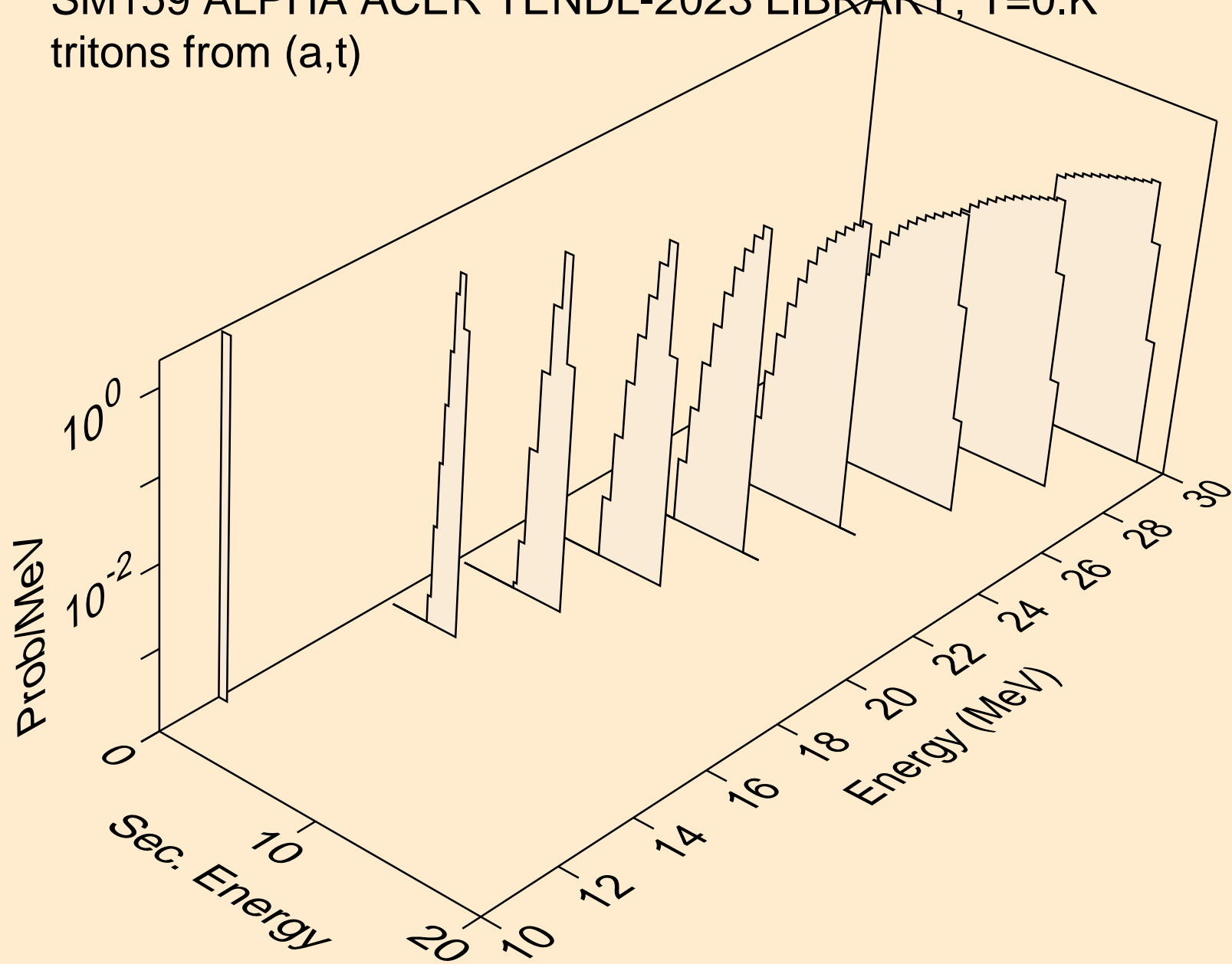
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



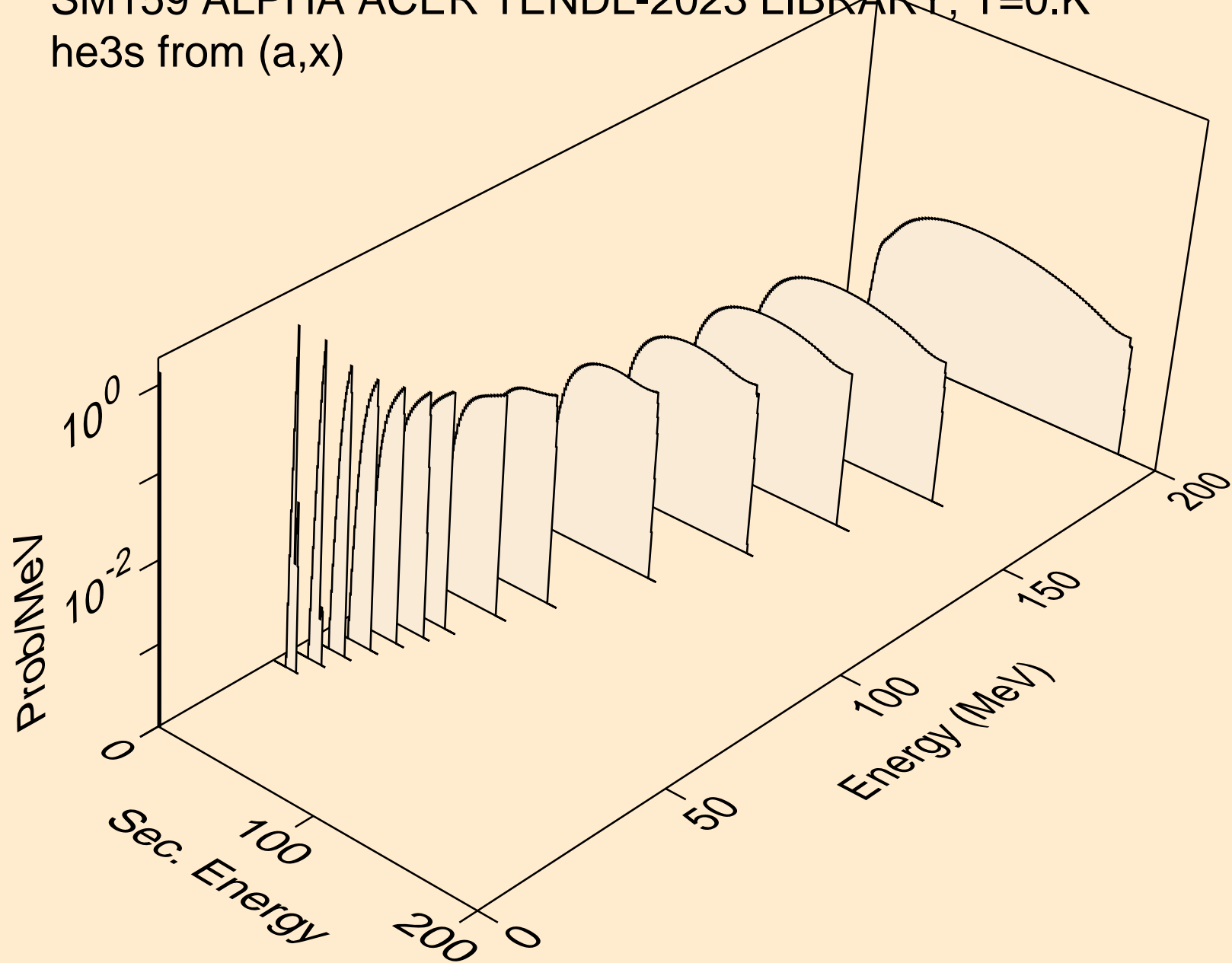
SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,n*)t



SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



SM159 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

