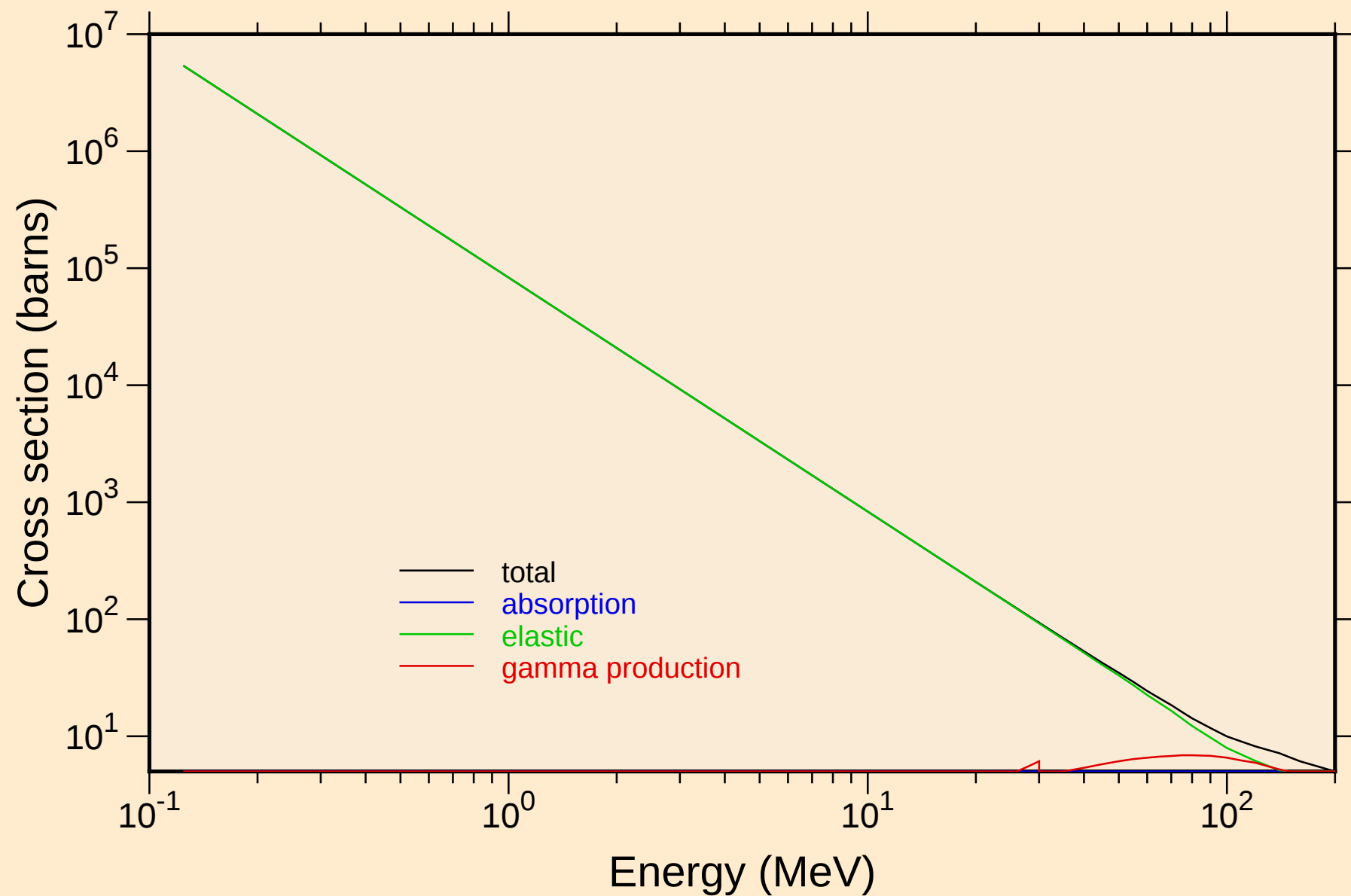


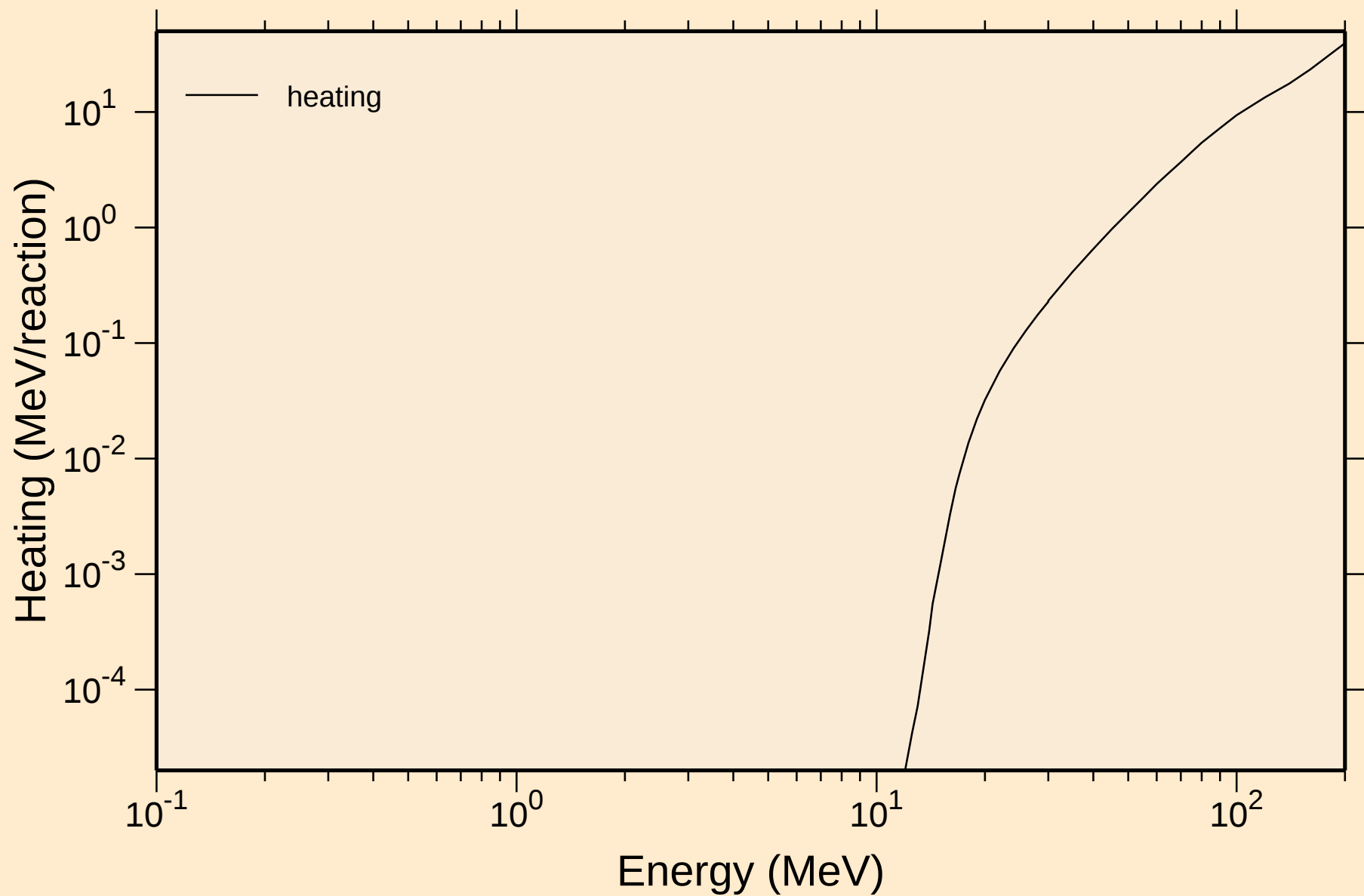
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



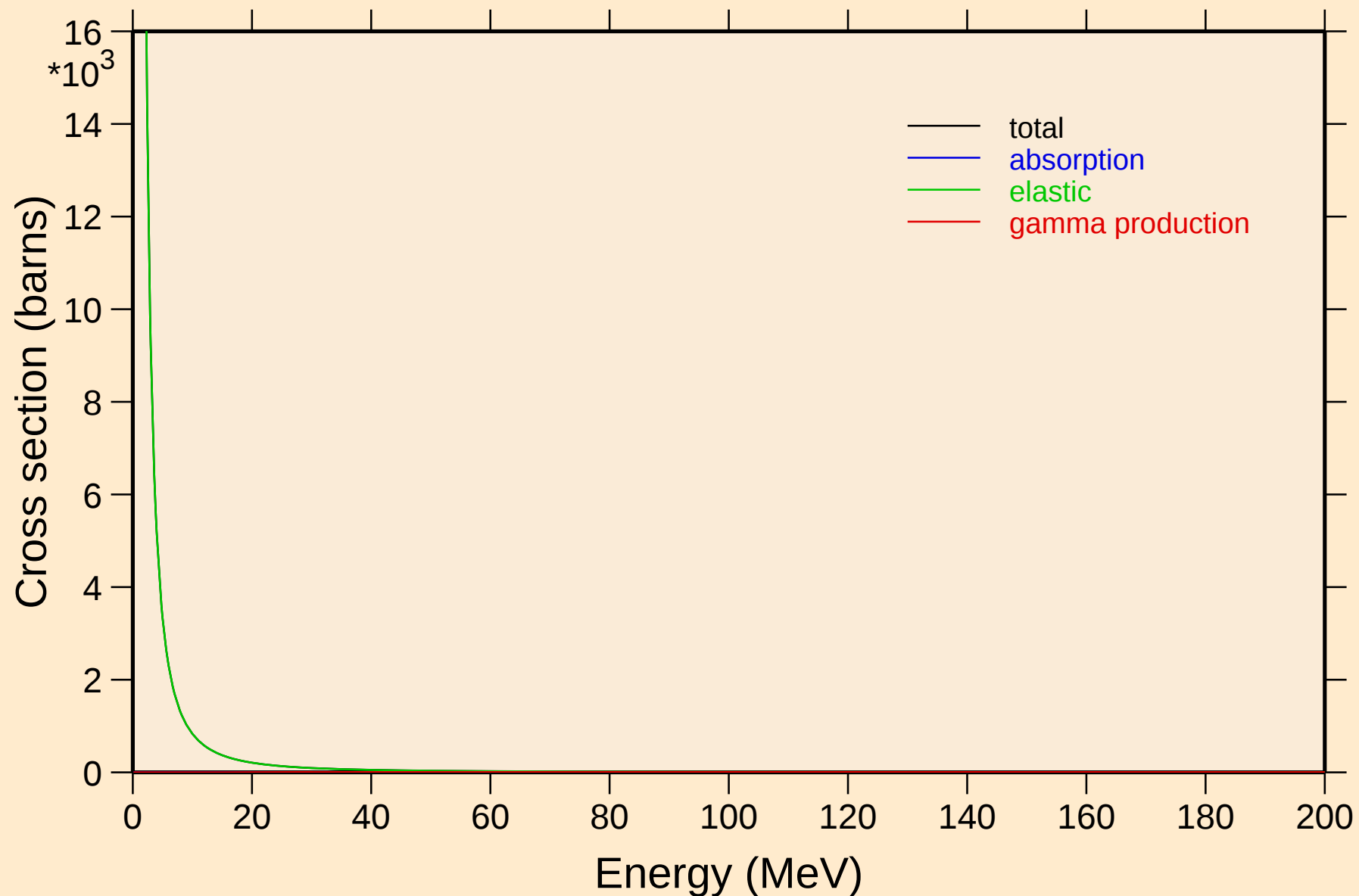
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Heating



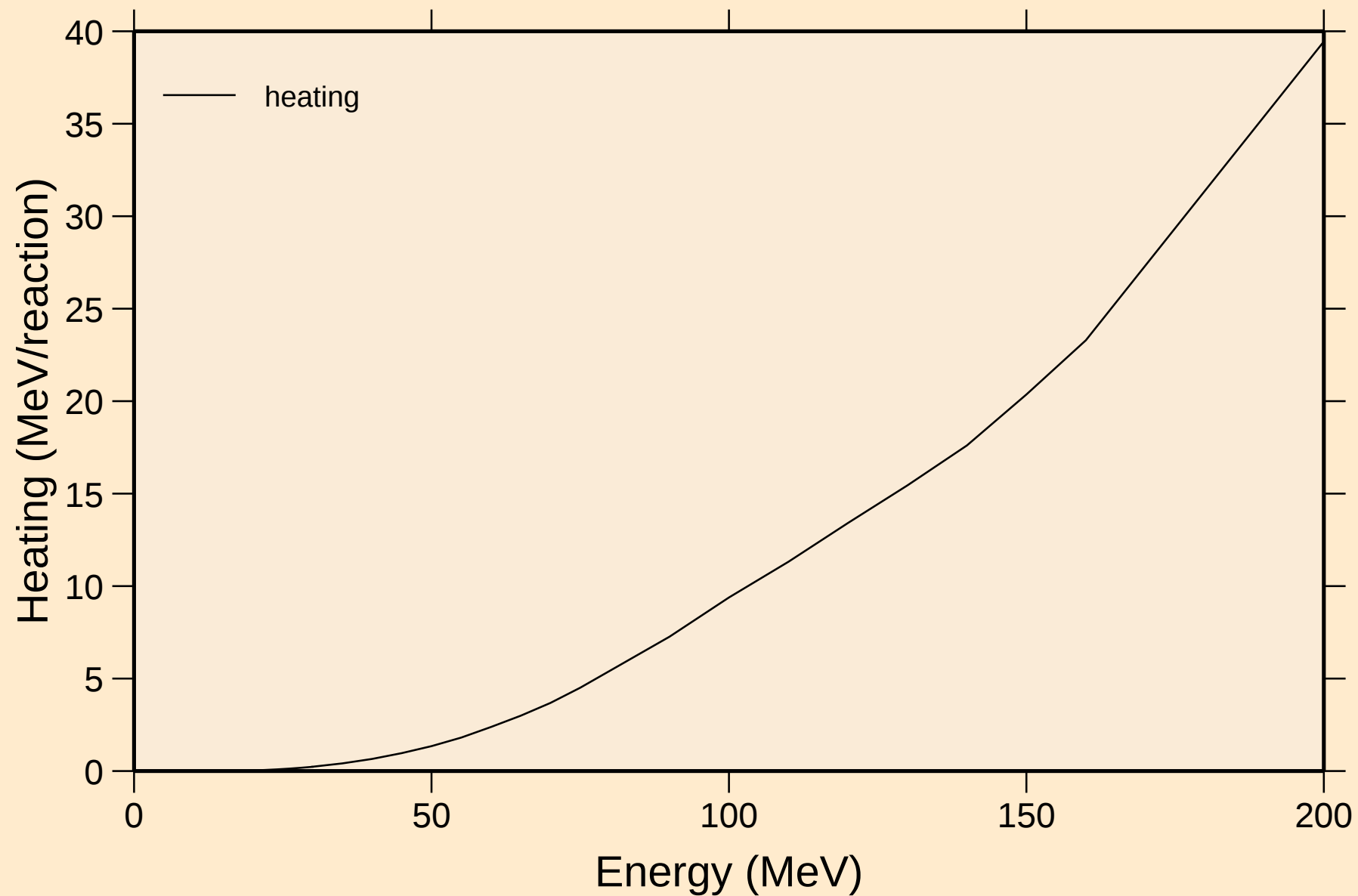
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Principal cross sections



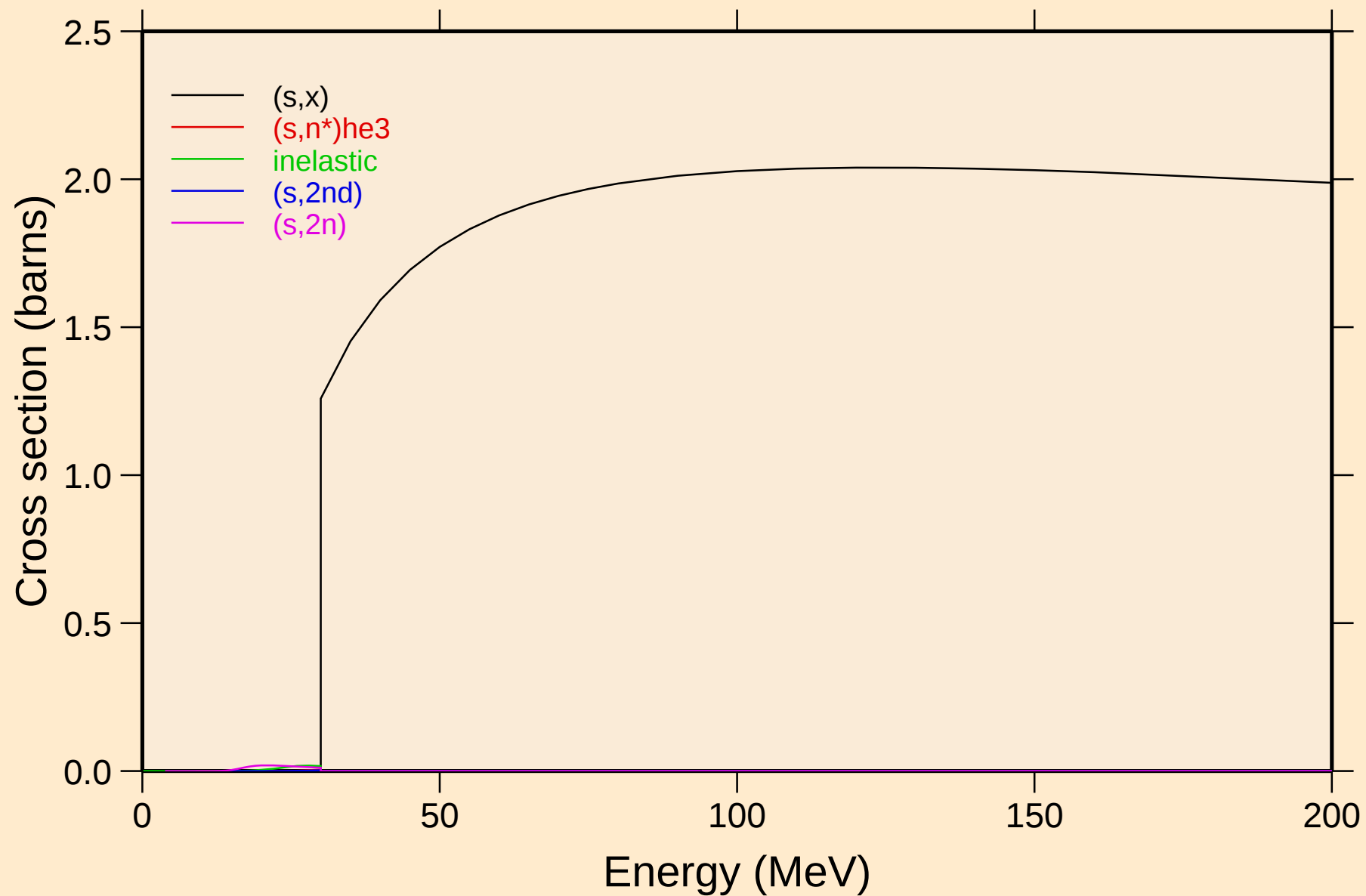
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



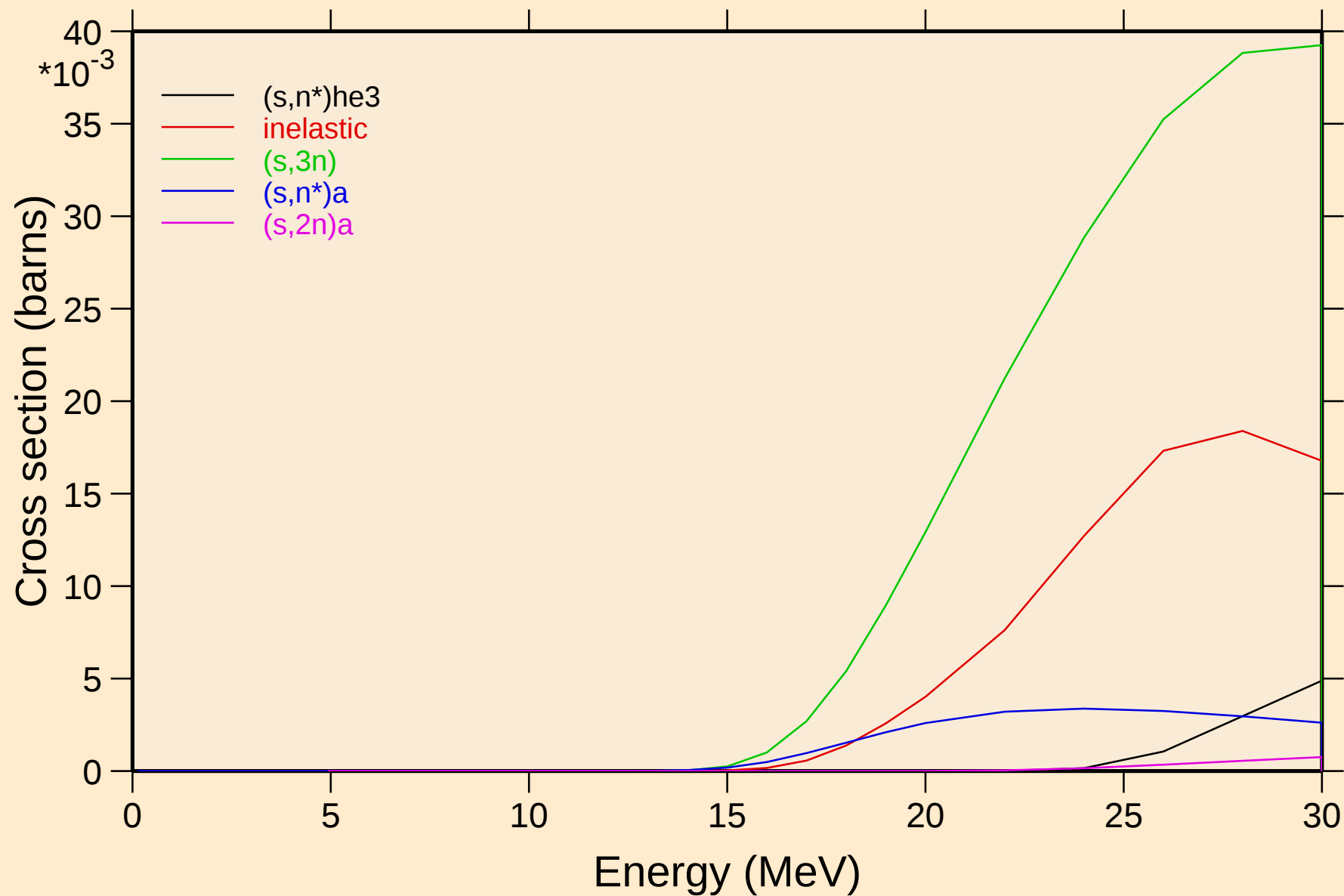
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Threshold reactions



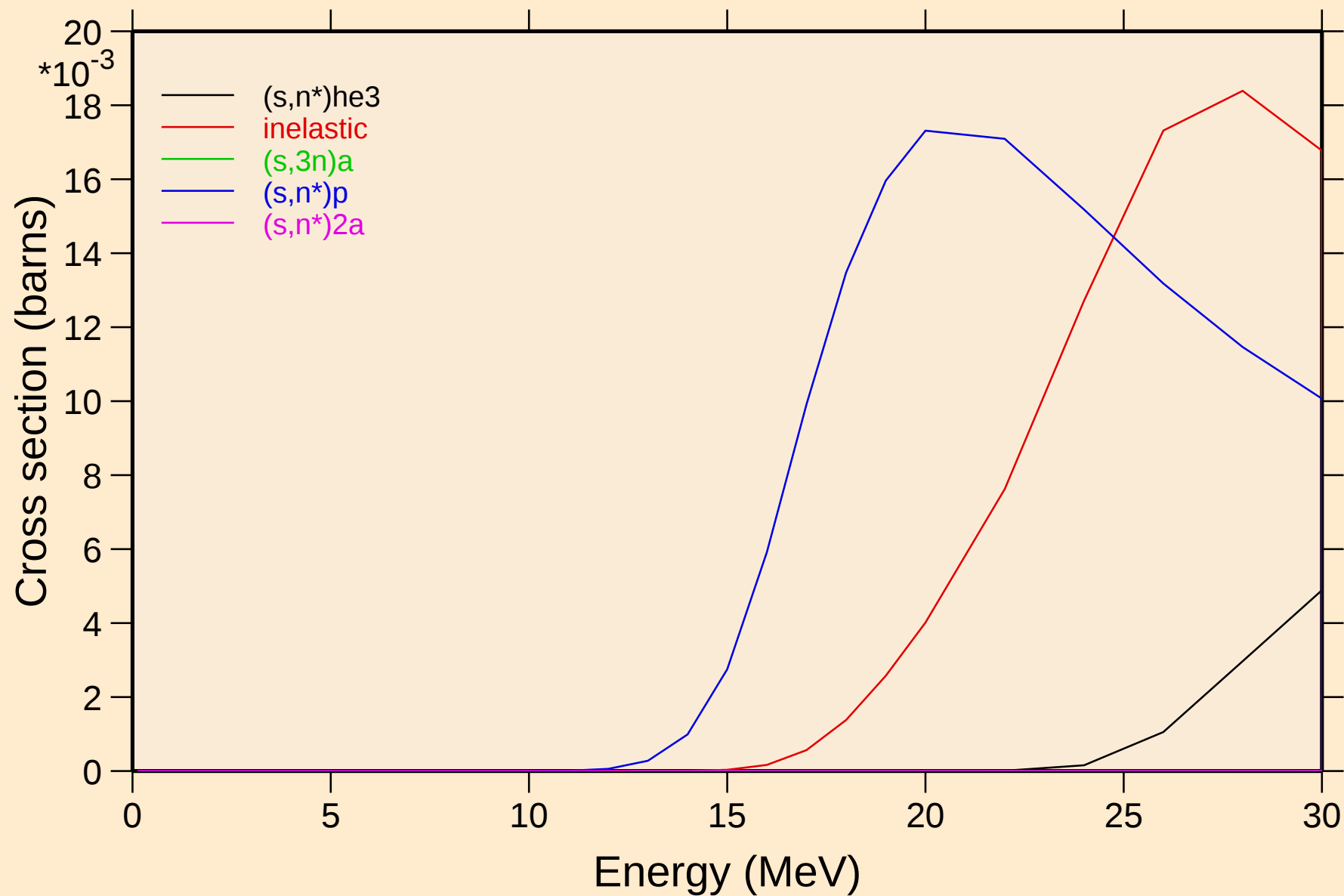
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Threshold reactions



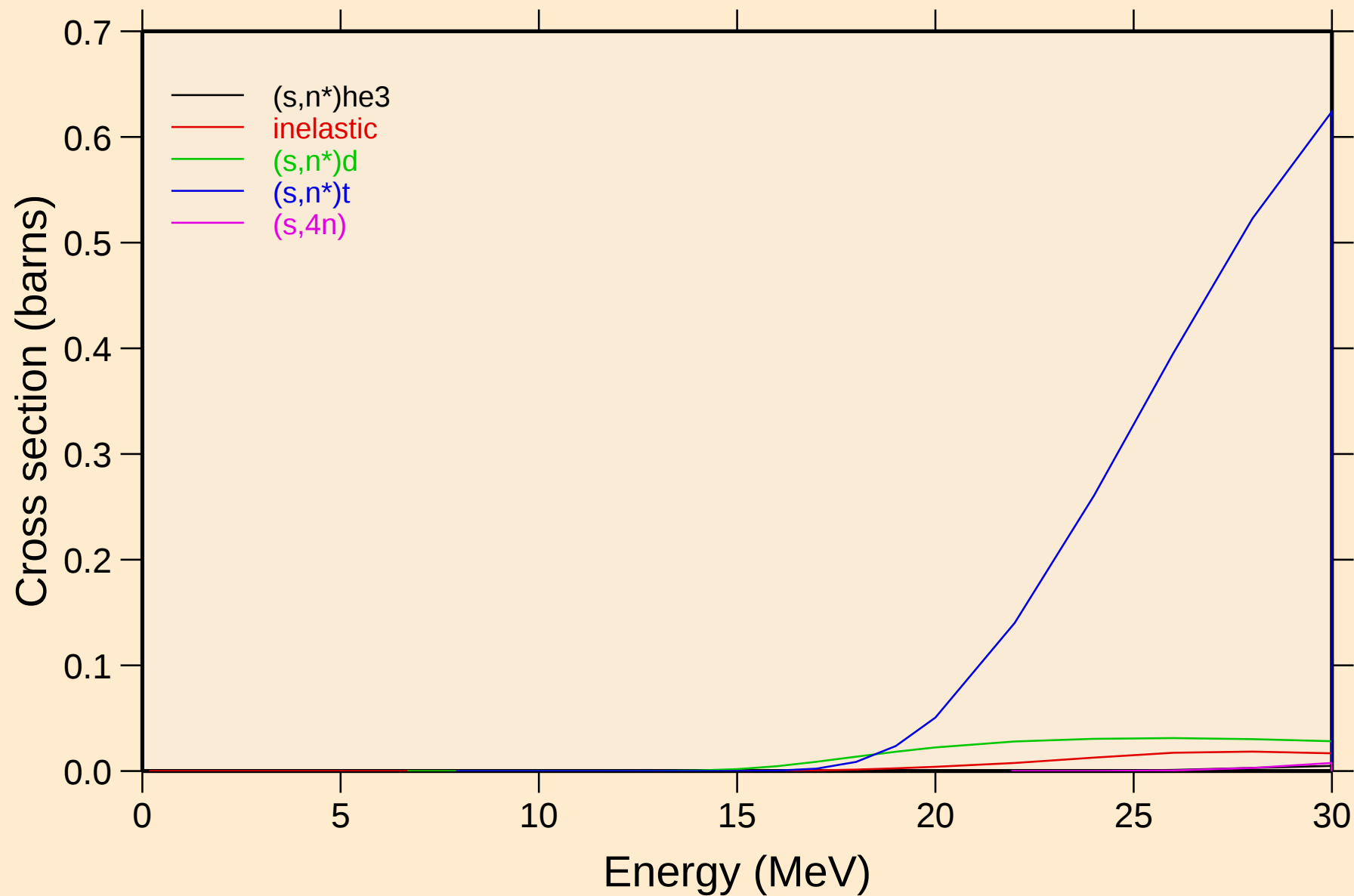
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Threshold reactions



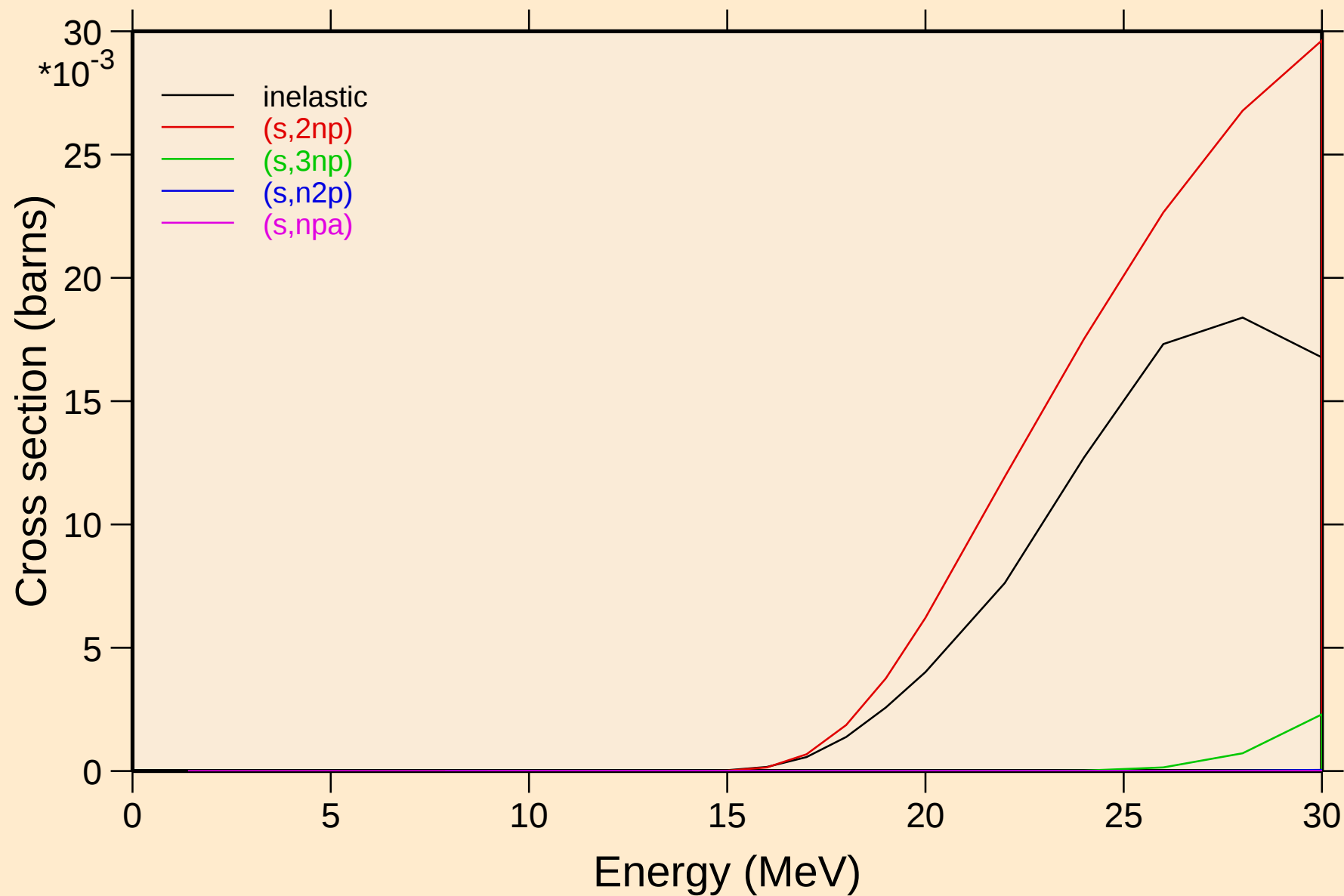
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Threshold reactions



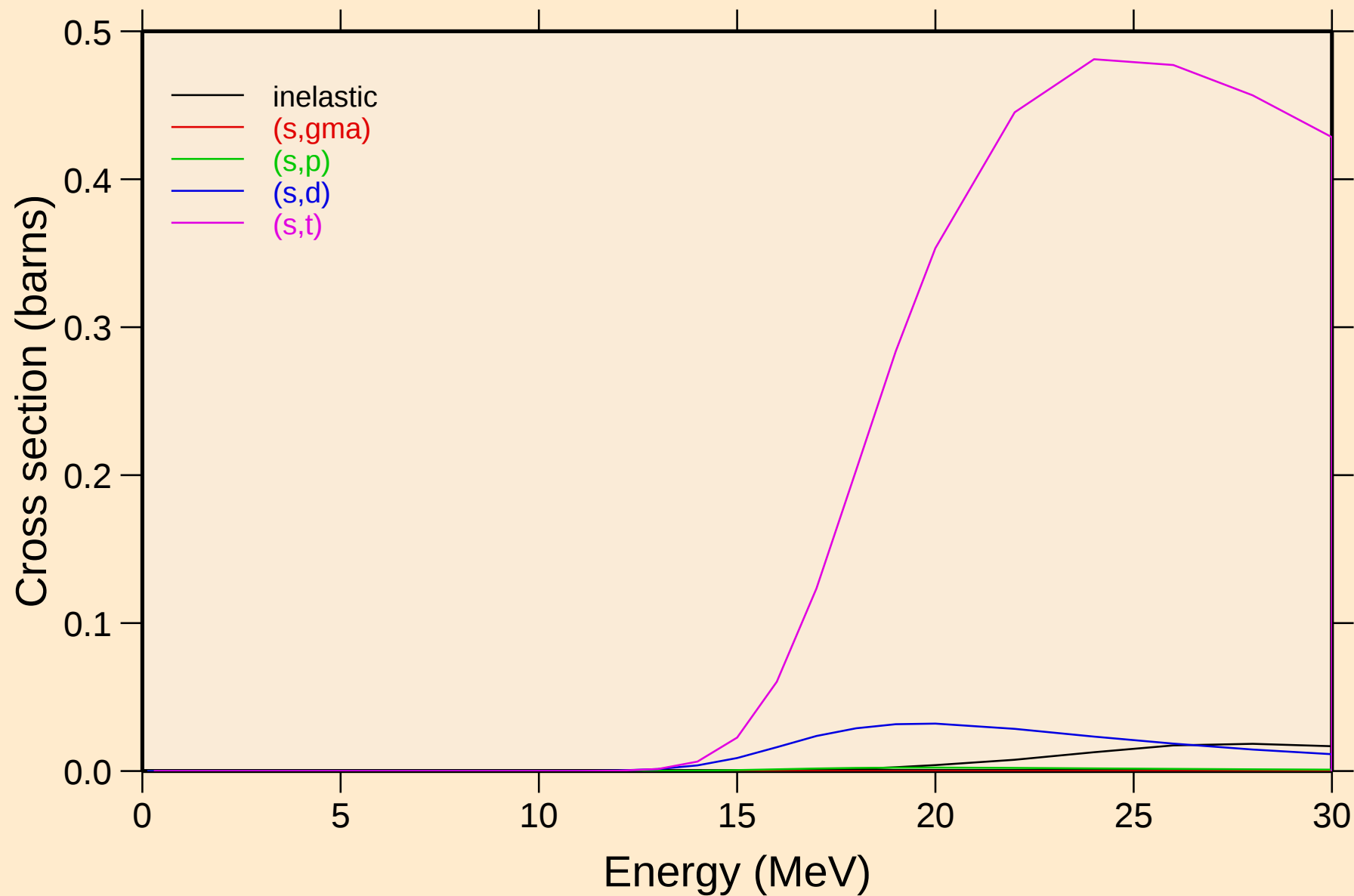
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Threshold reactions



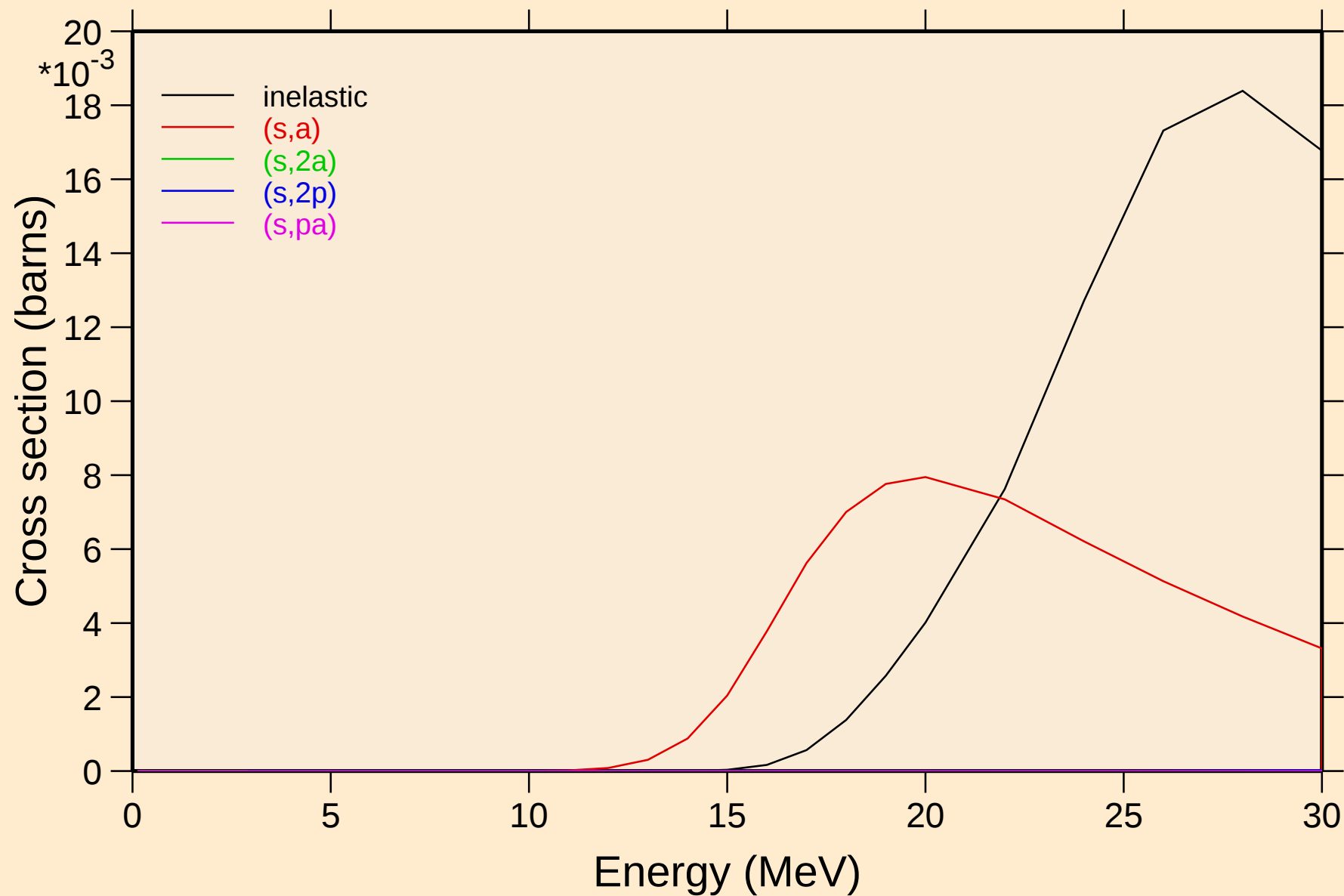
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Threshold reactions



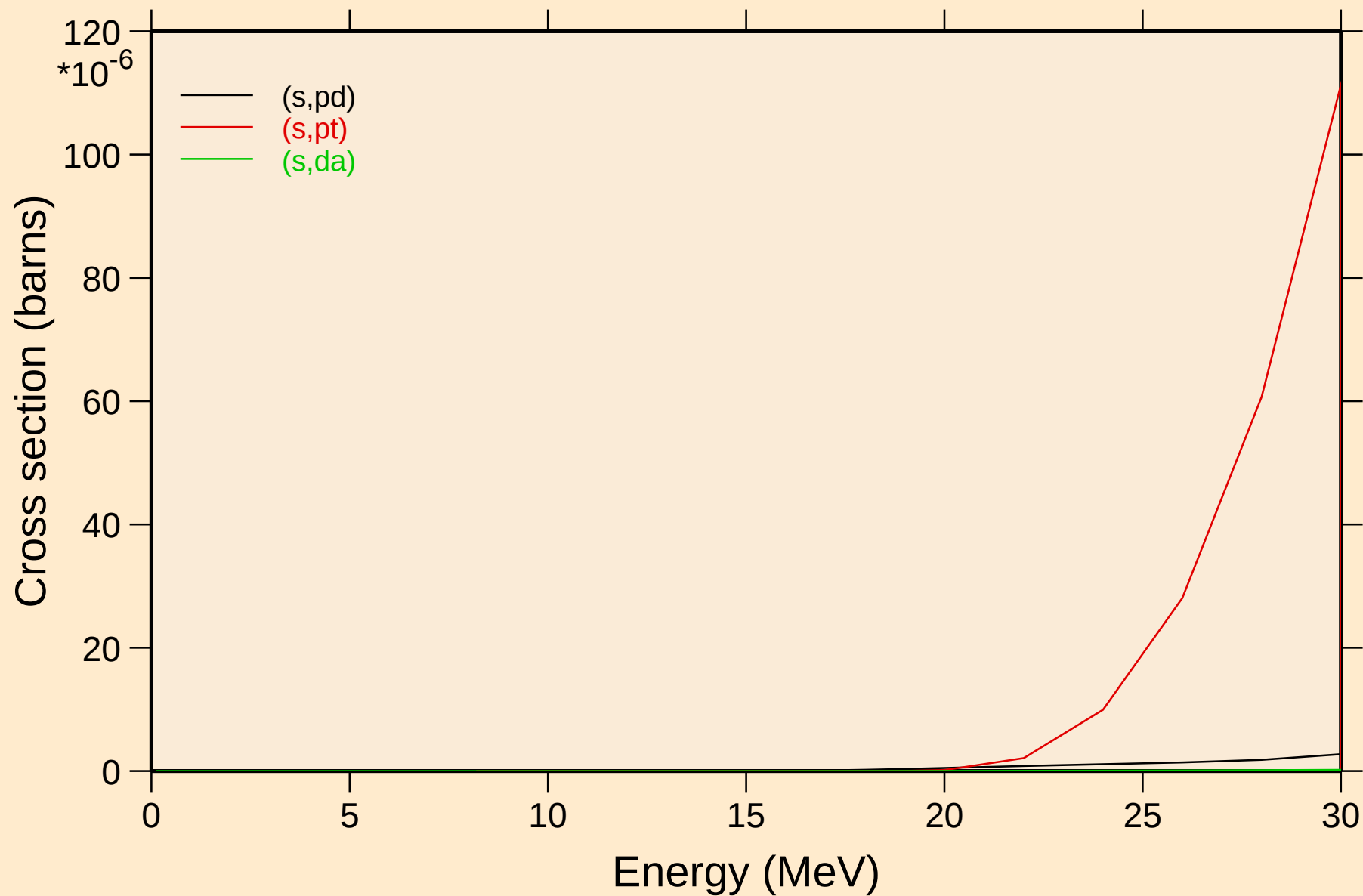
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Threshold reactions

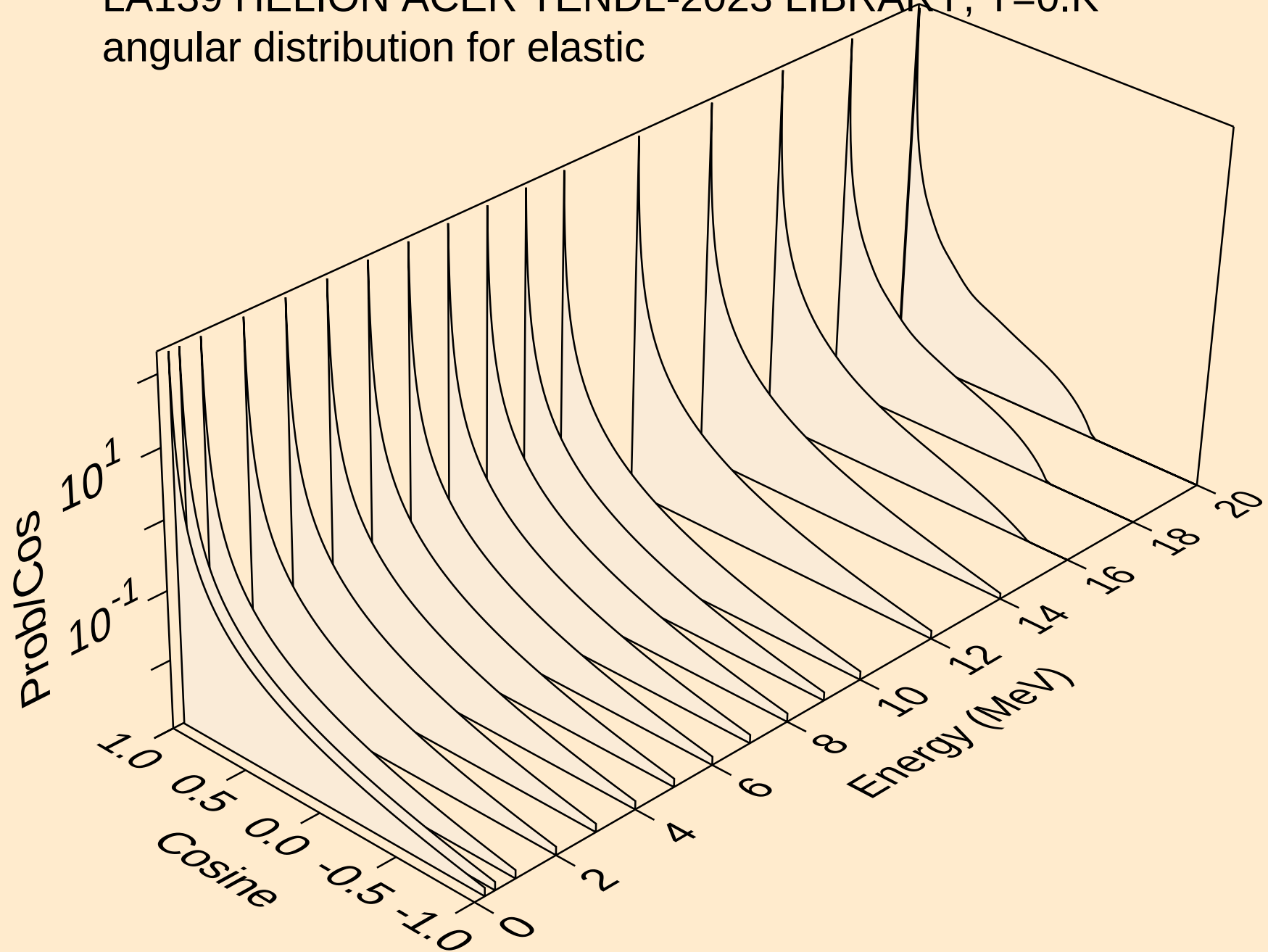


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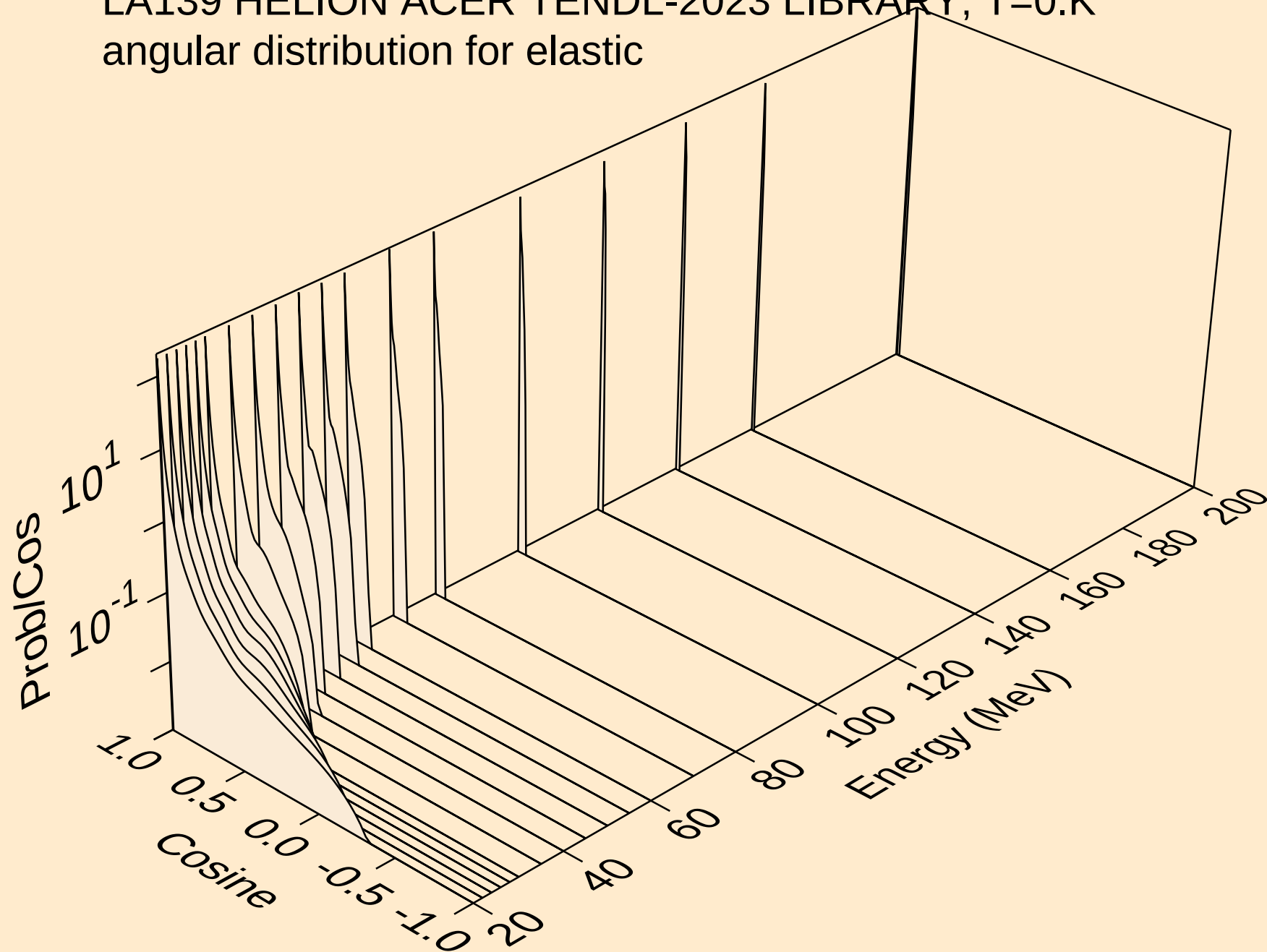
Threshold reactions



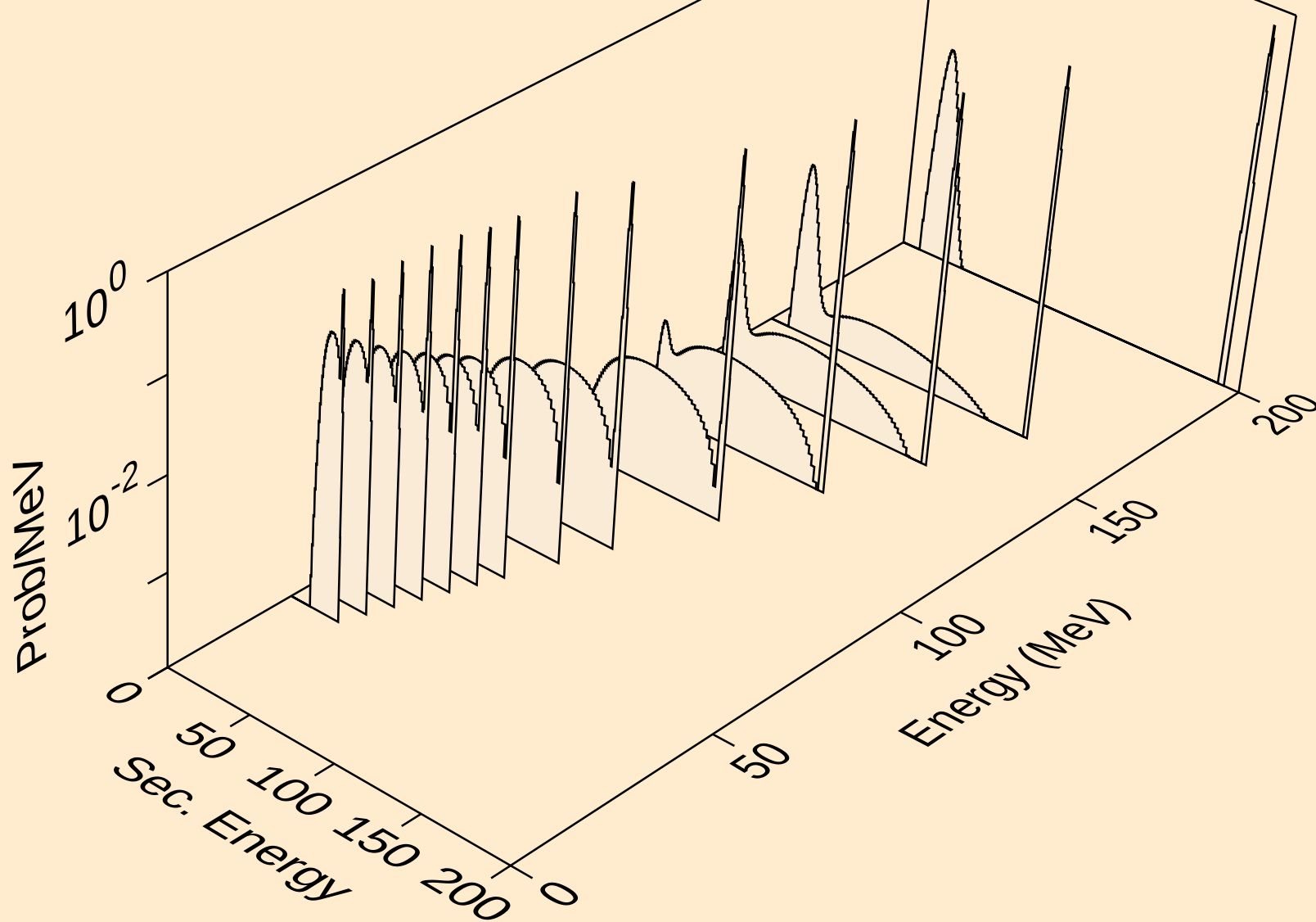
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



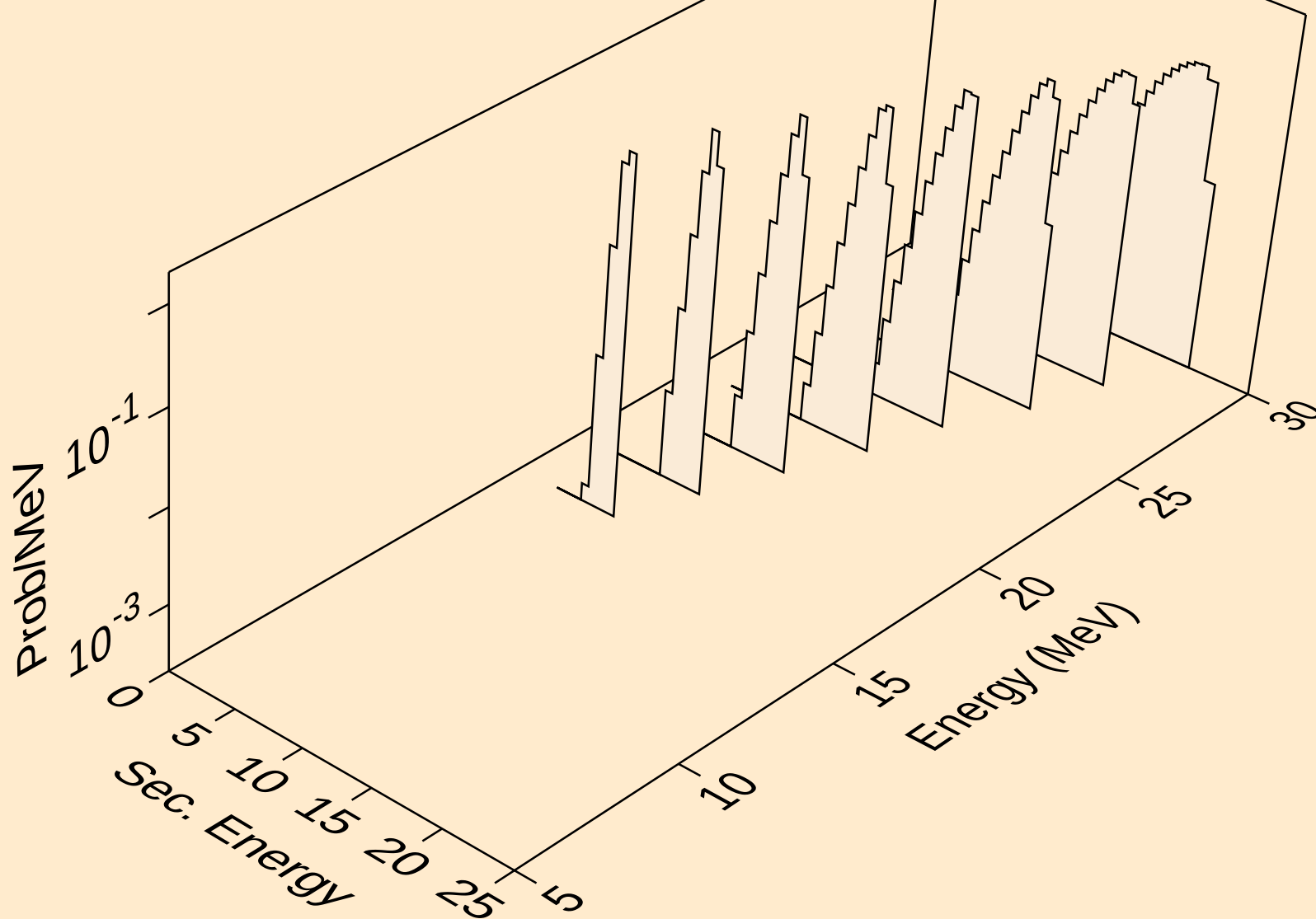
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



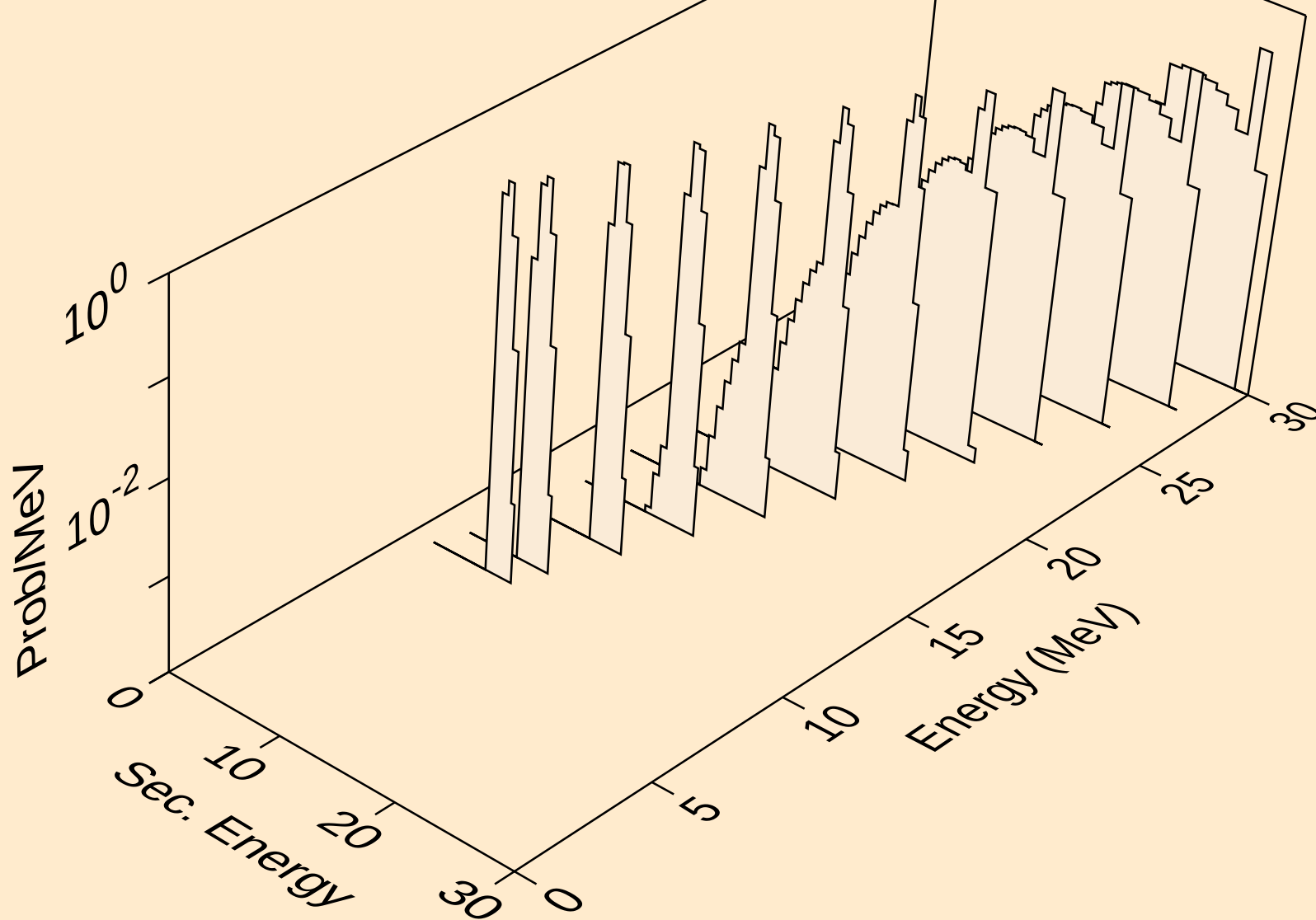
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,x)



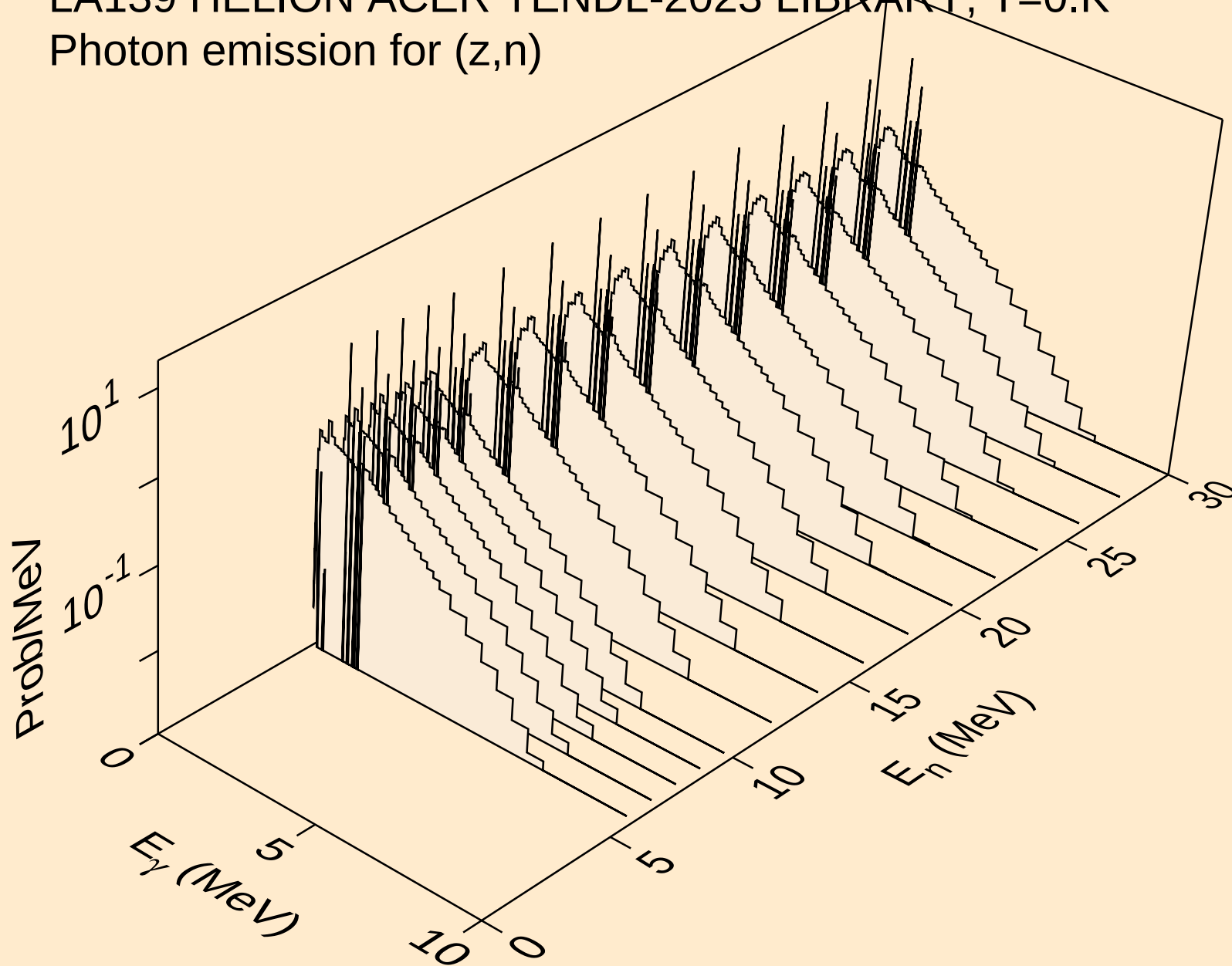
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



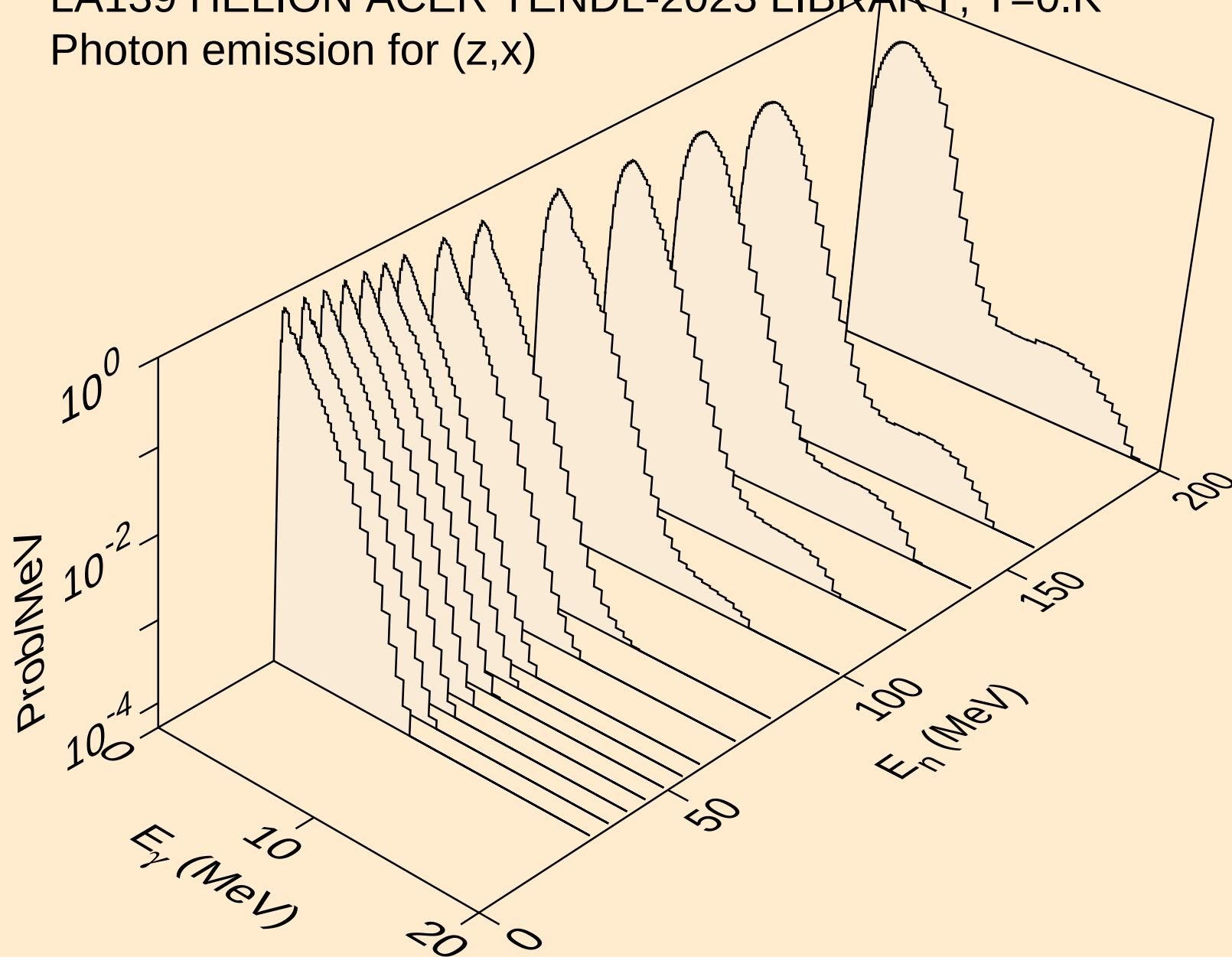
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for inelastic



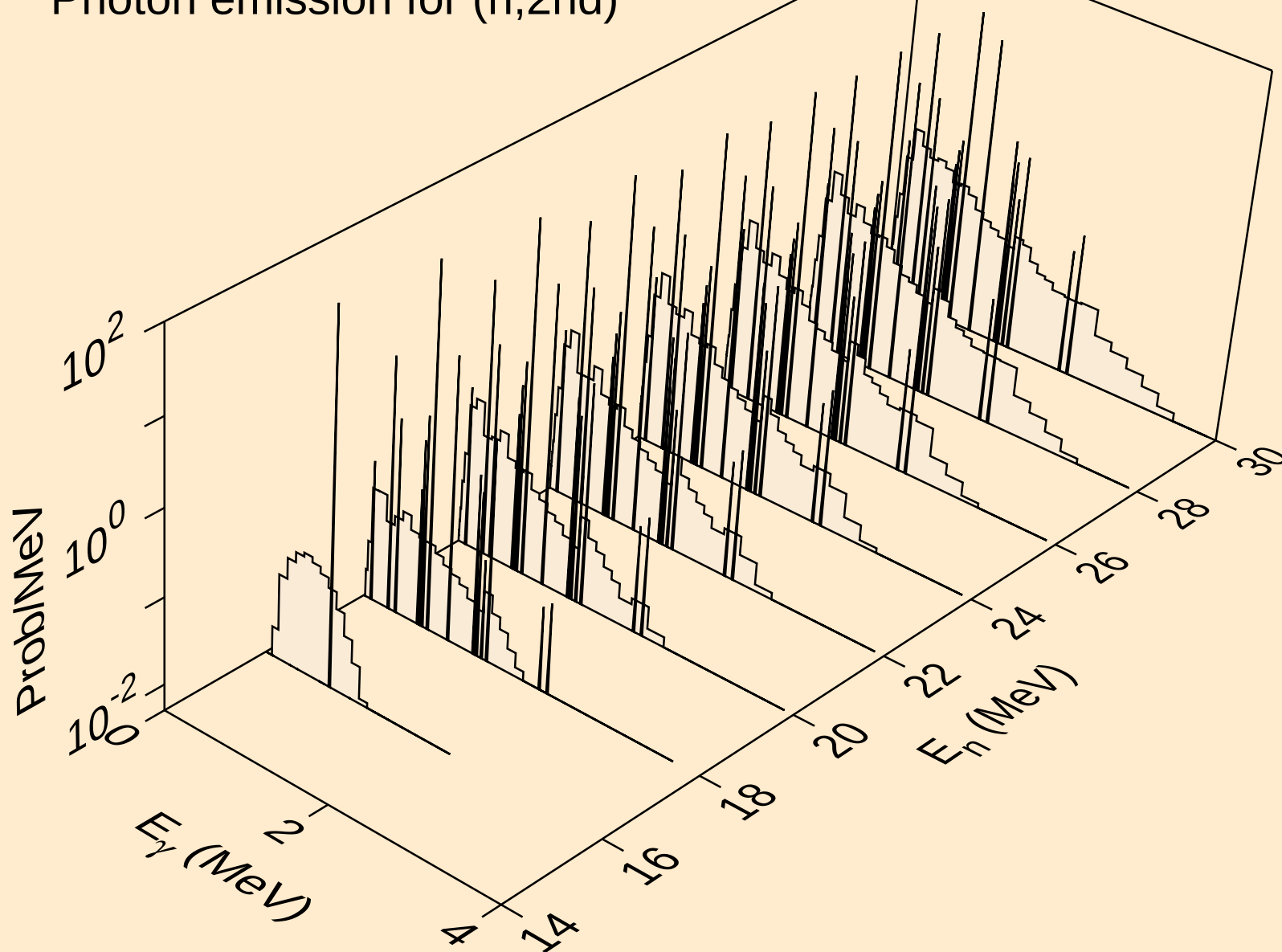
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



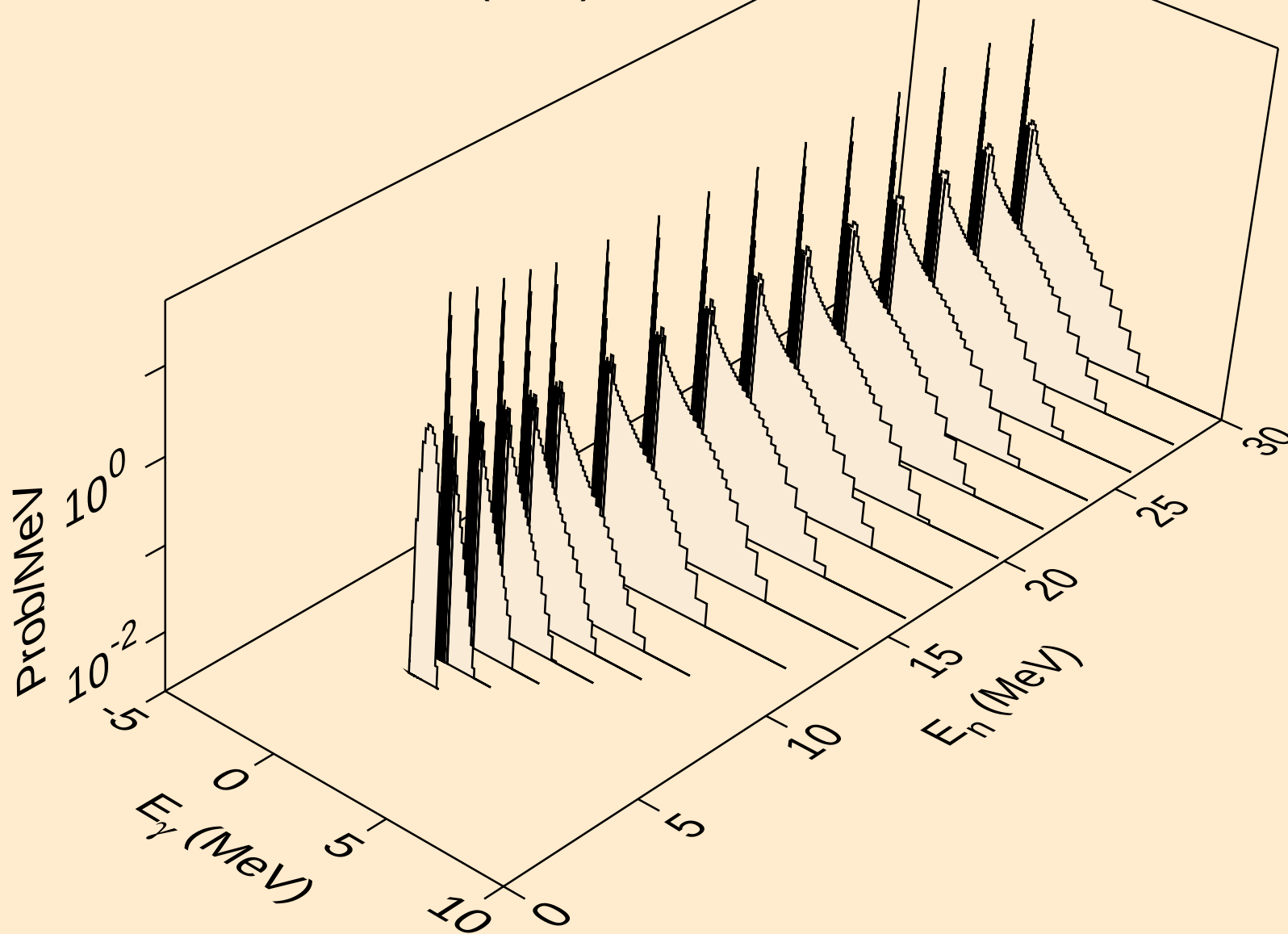
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



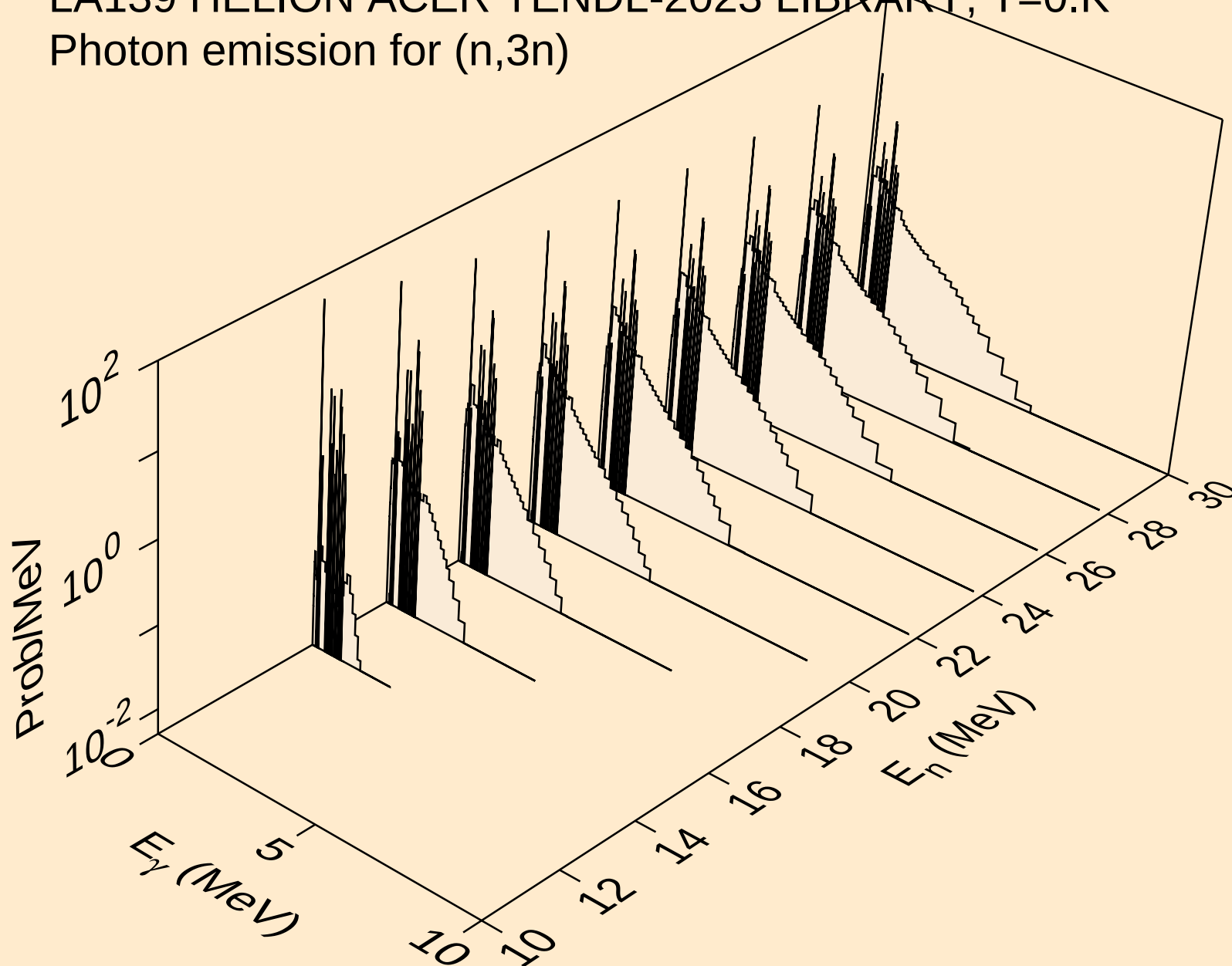
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



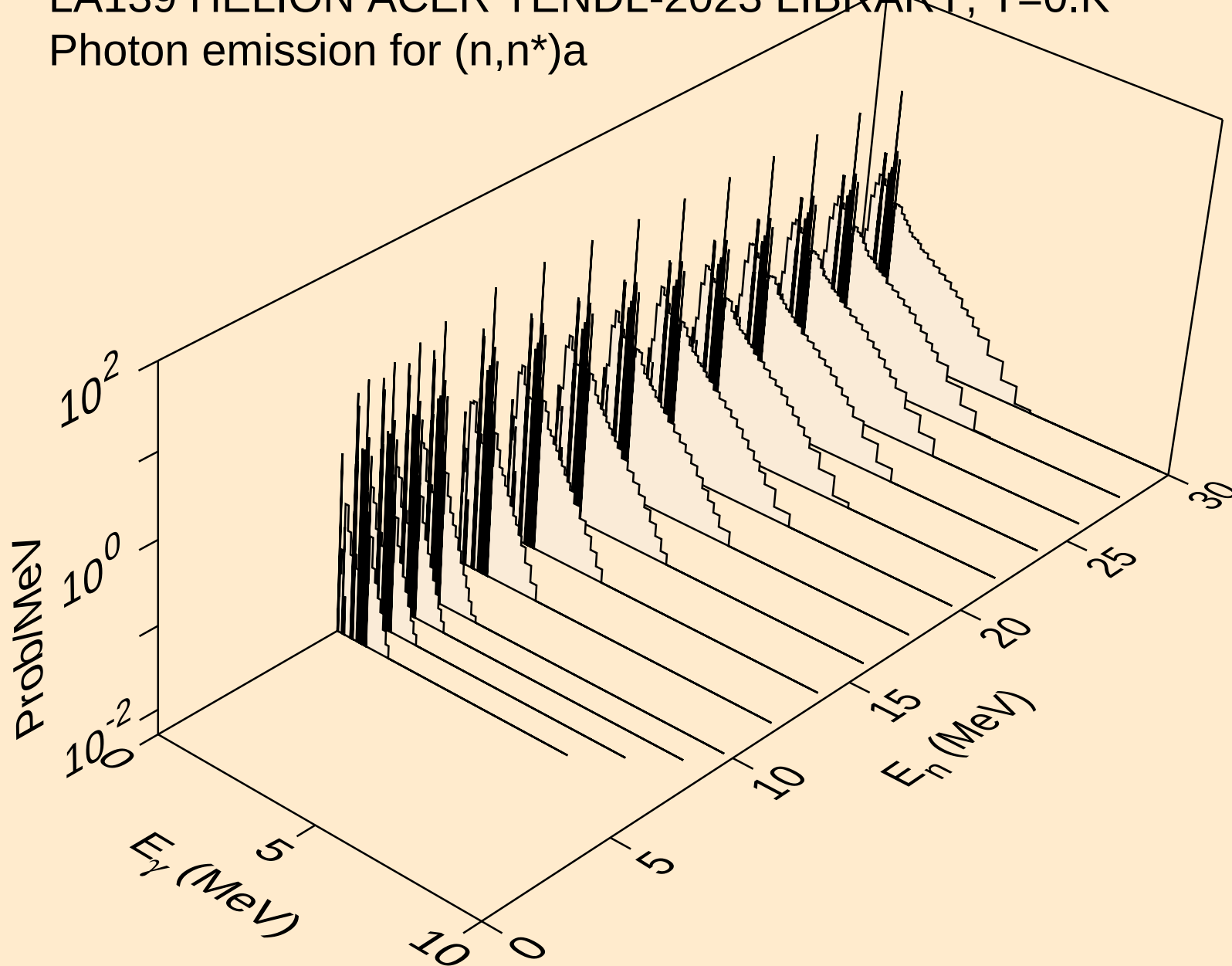
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



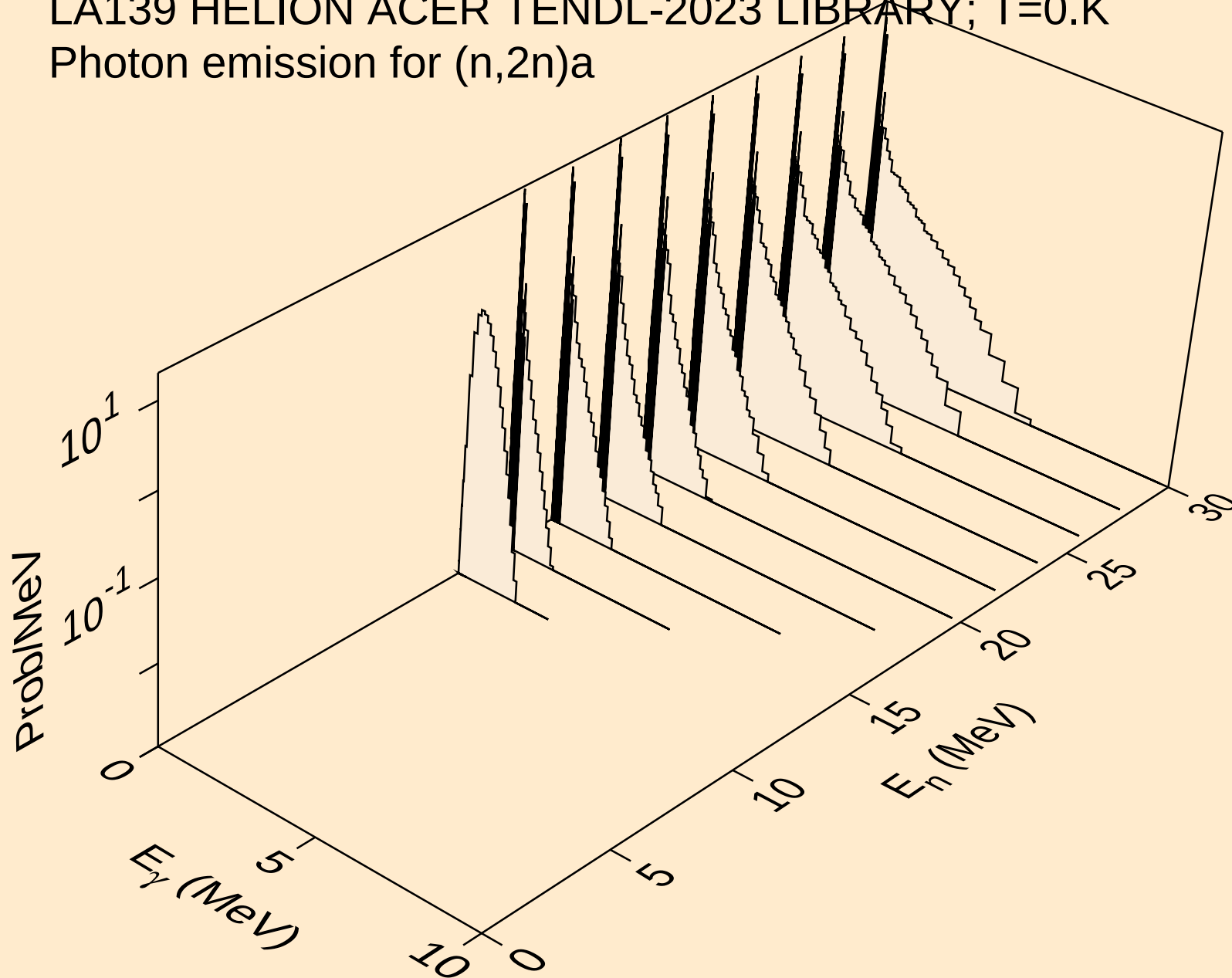
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



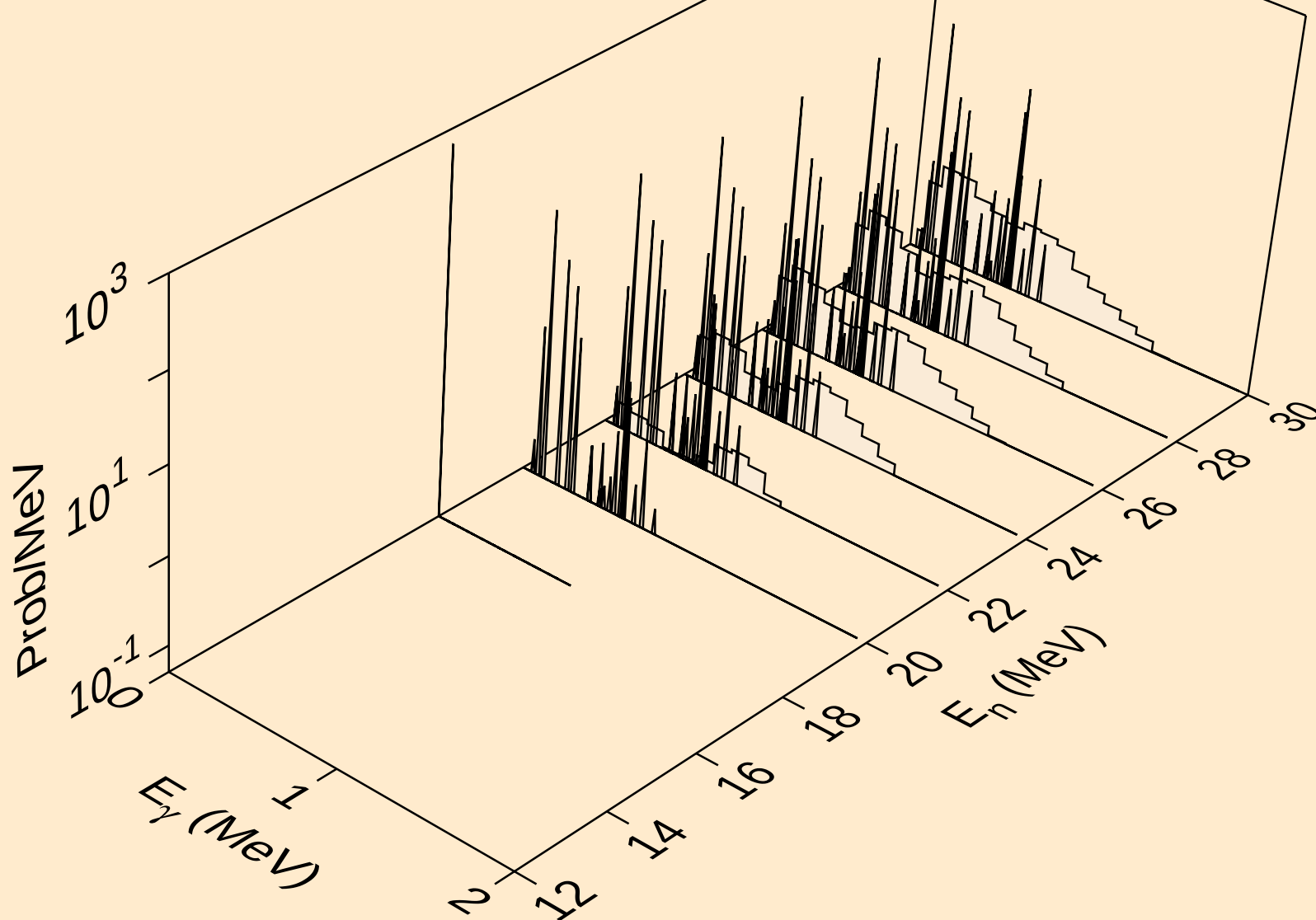
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



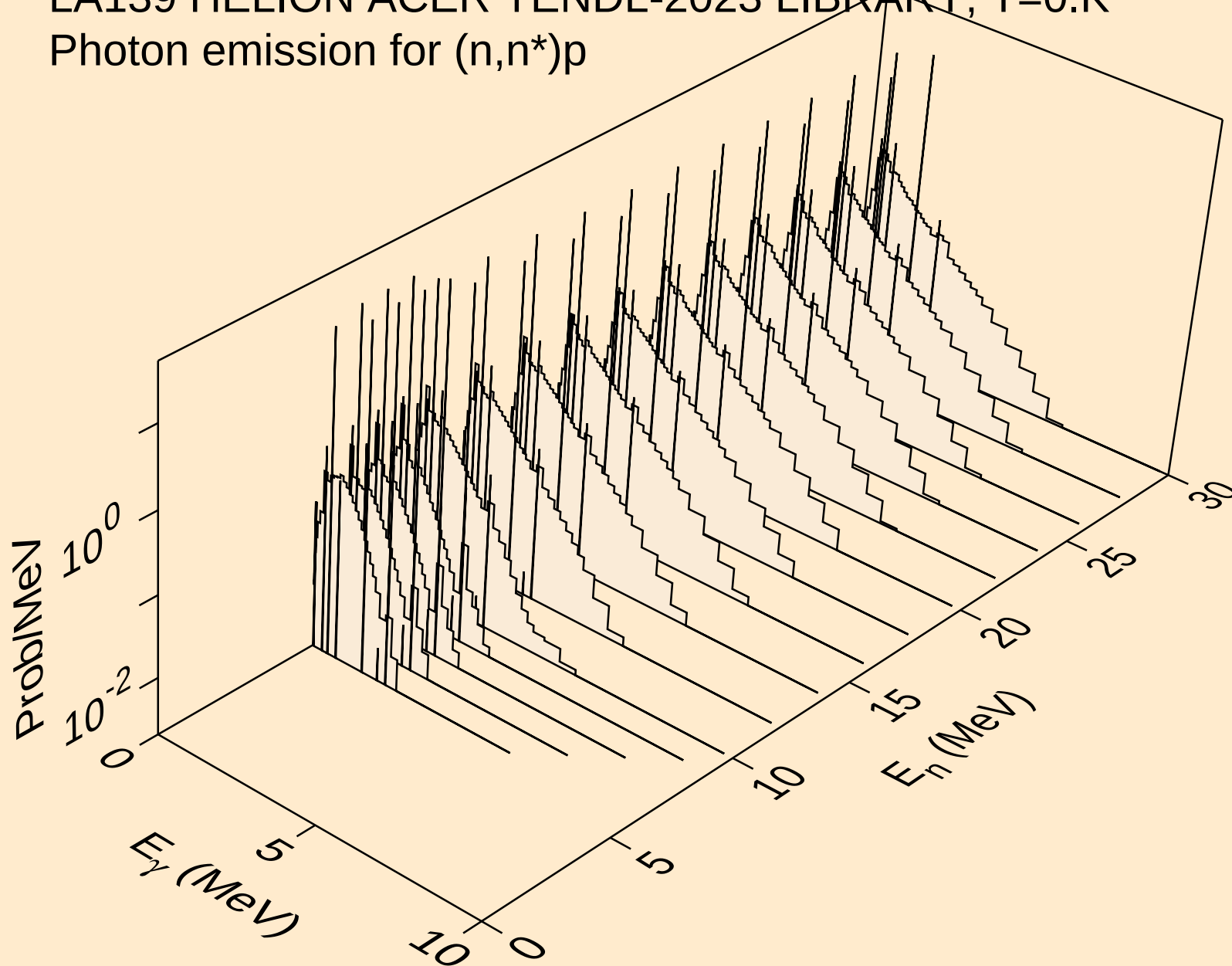
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α



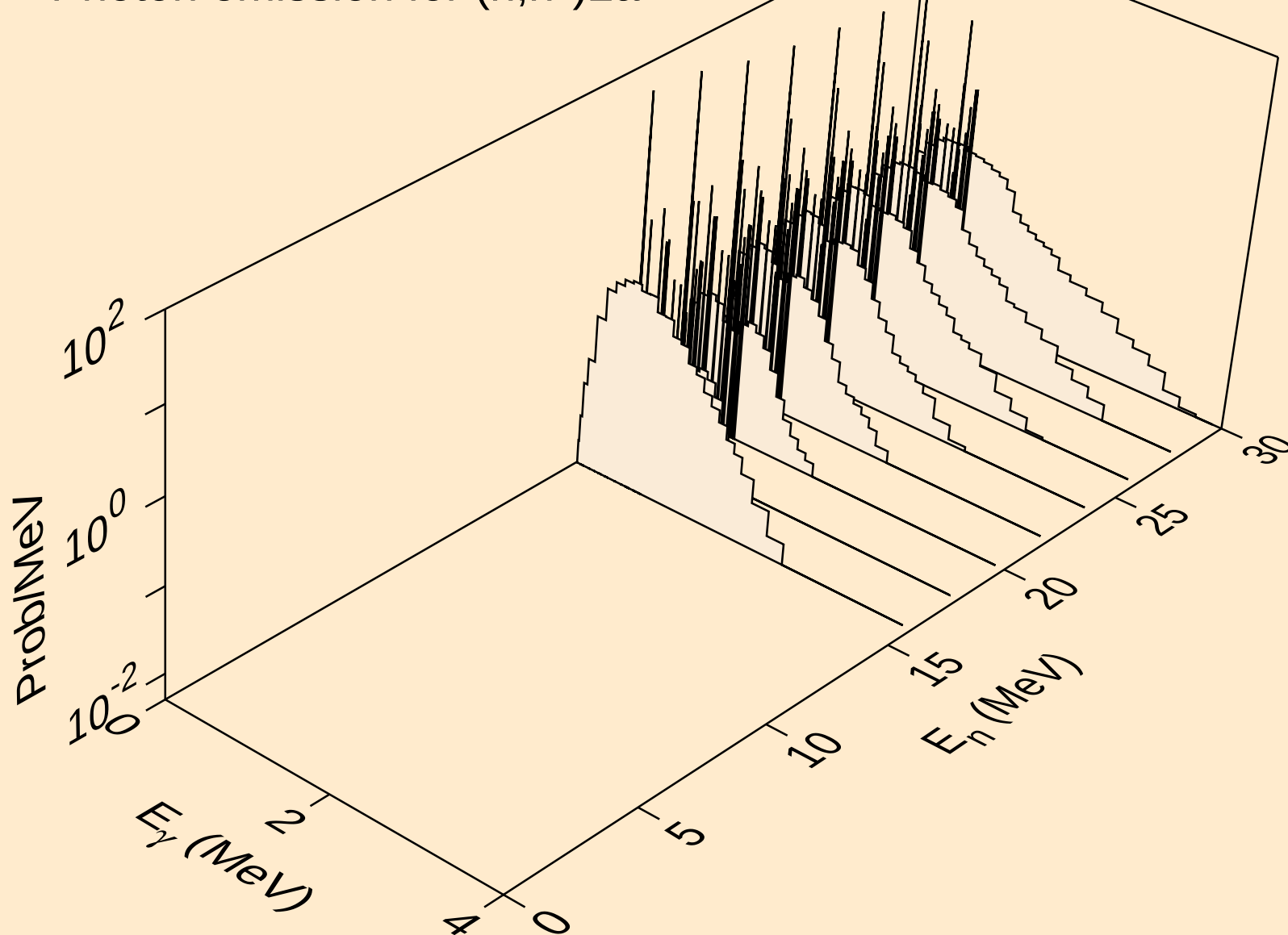
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Photon emission for (n,3n) α



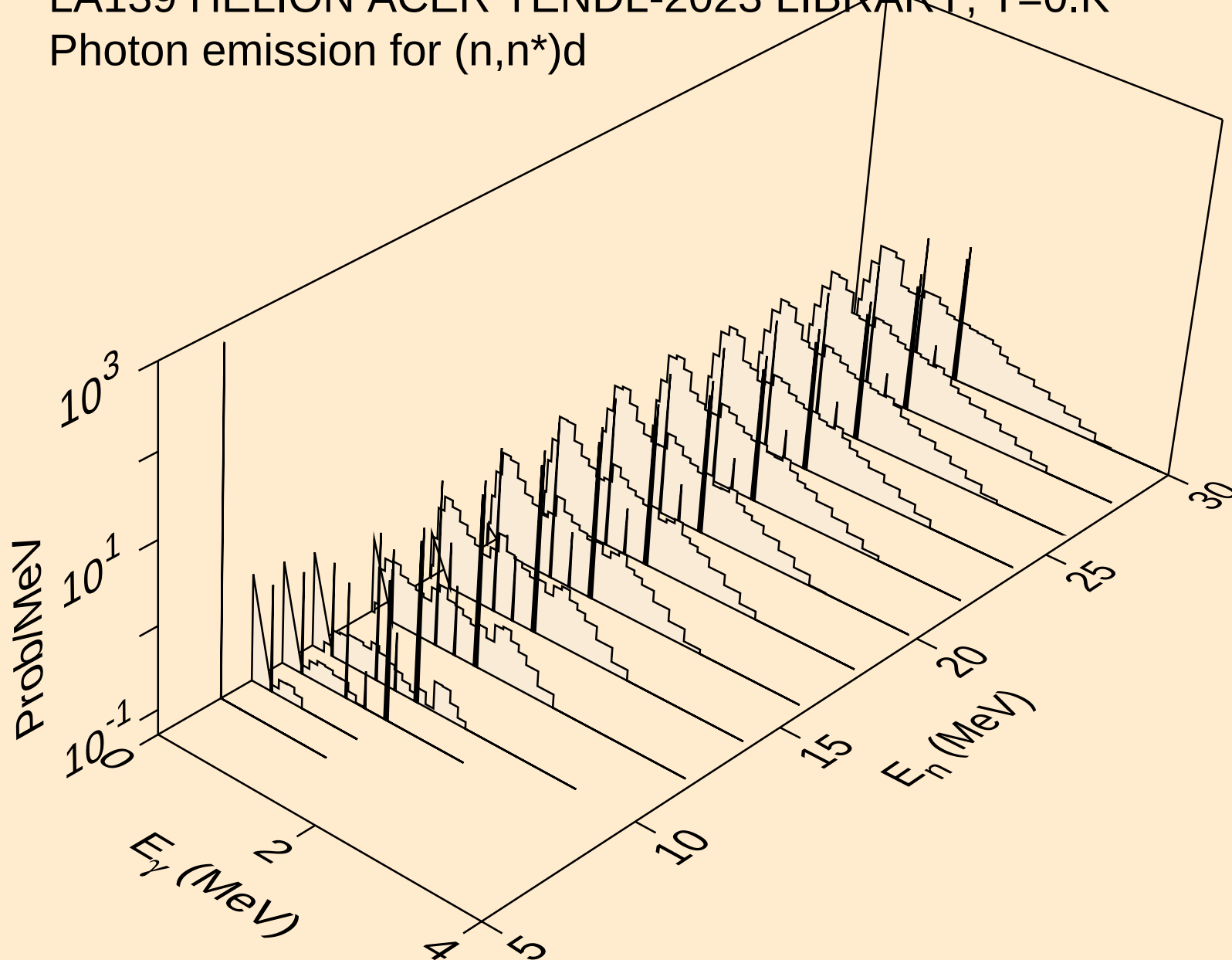
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



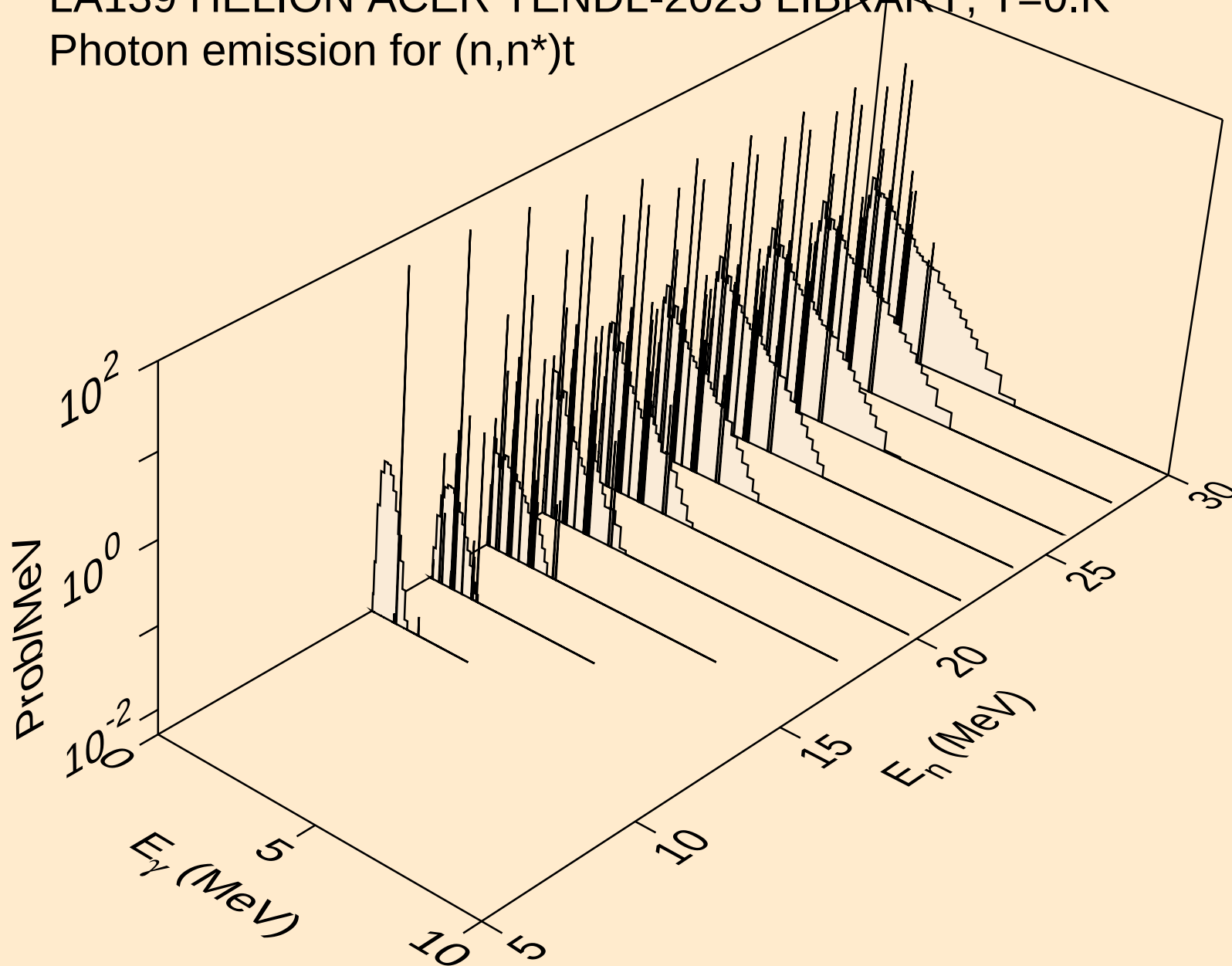
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Photon emission for (n,n*)2a



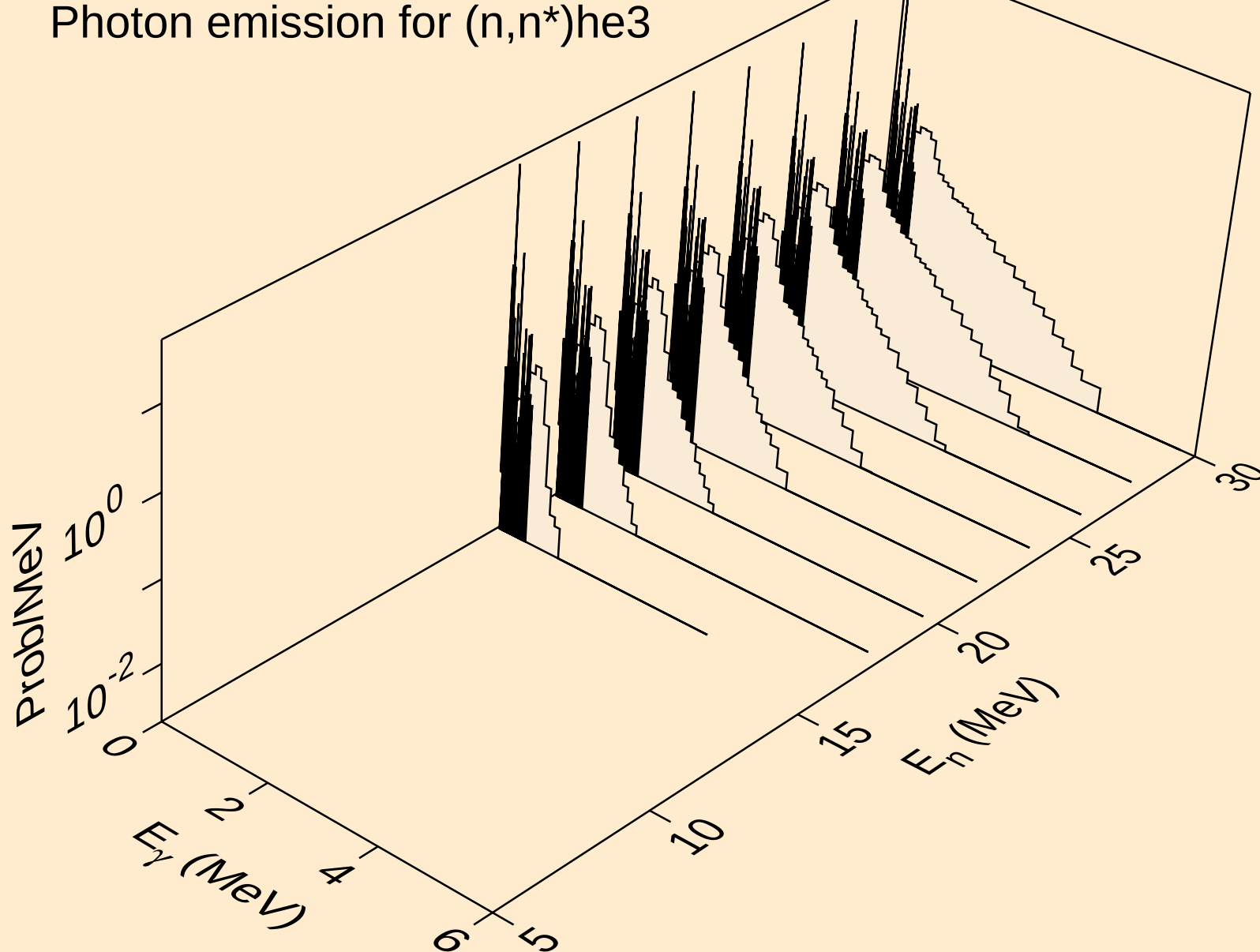
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



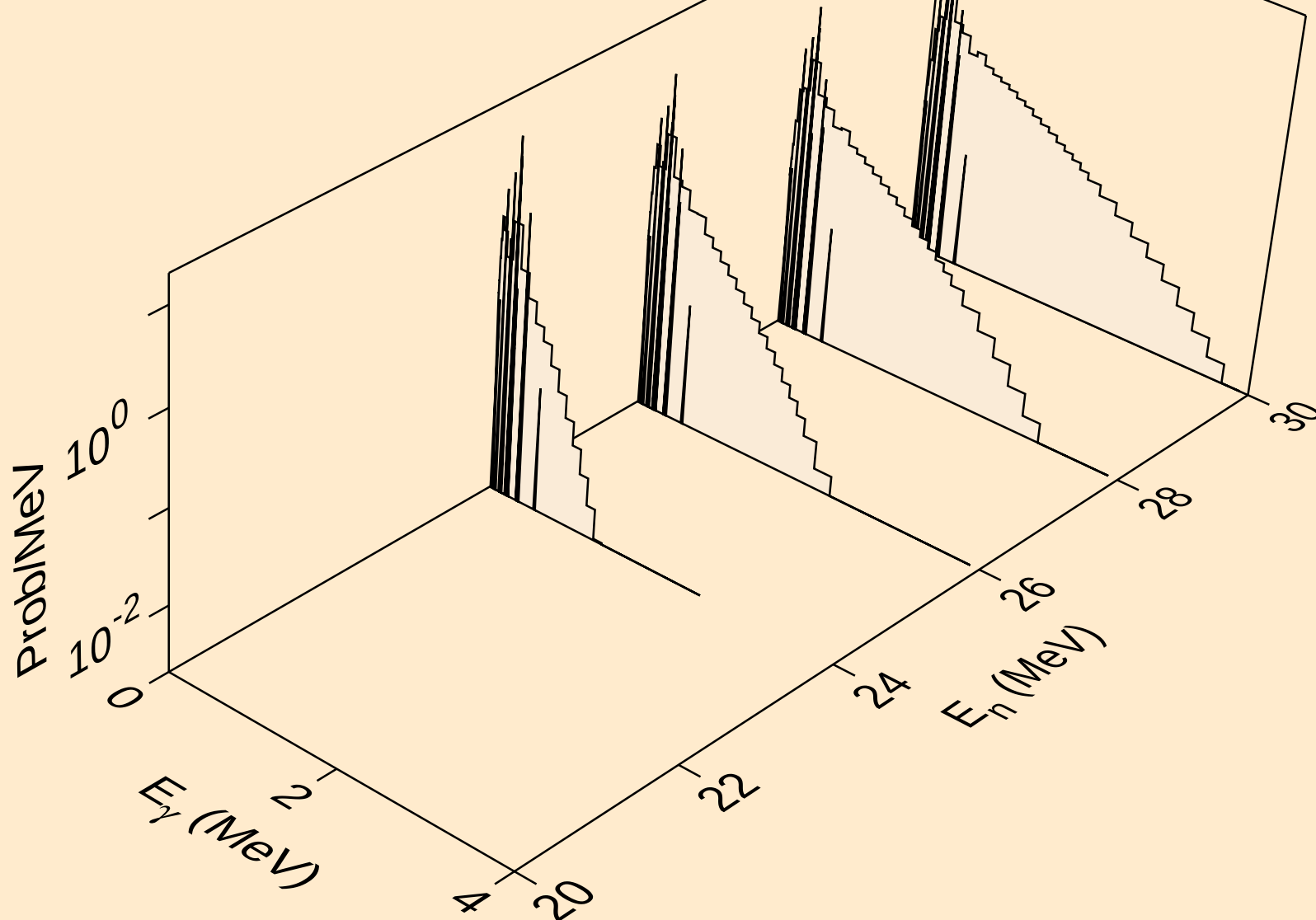
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



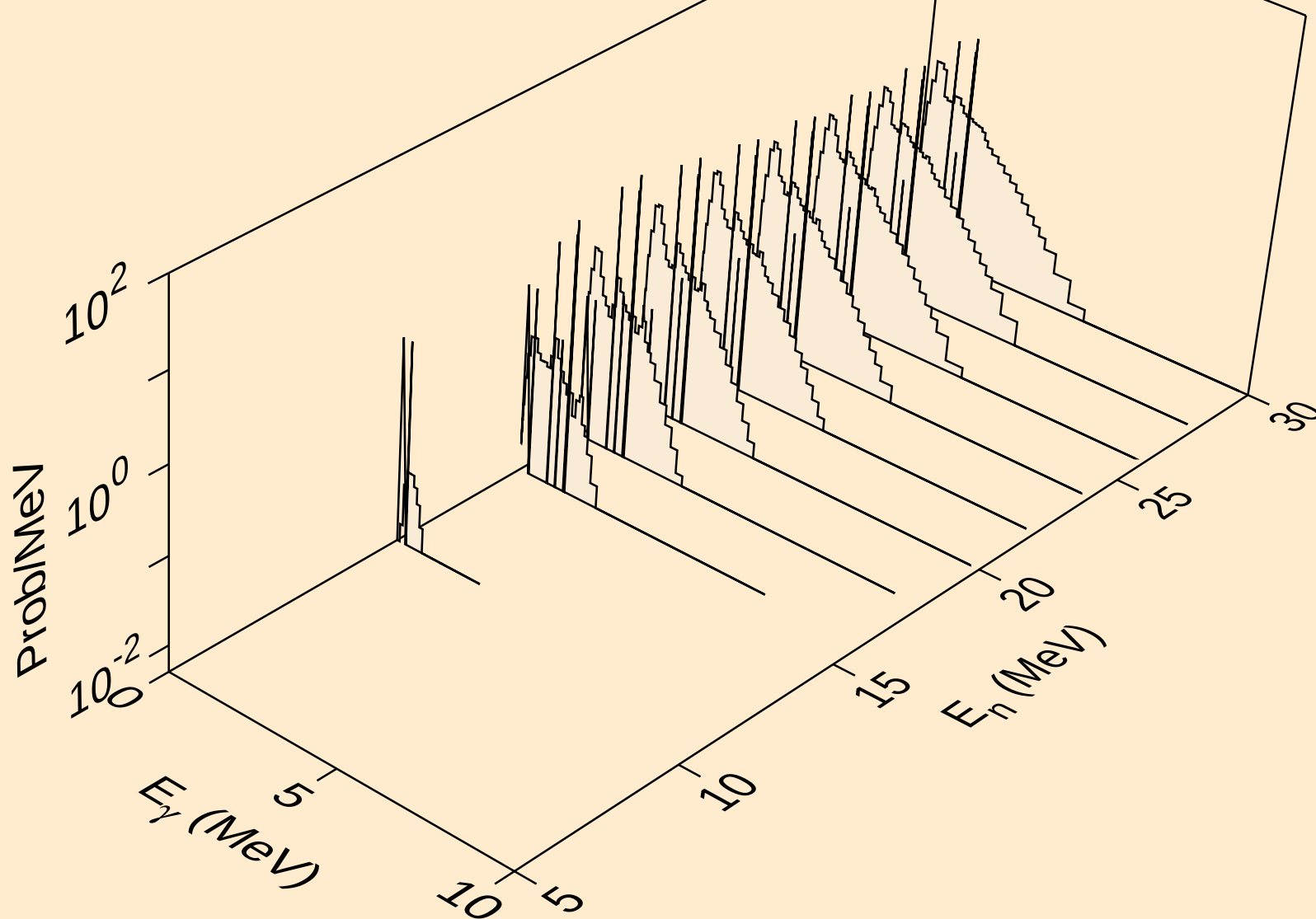
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Photon emission for (n,n*)he3



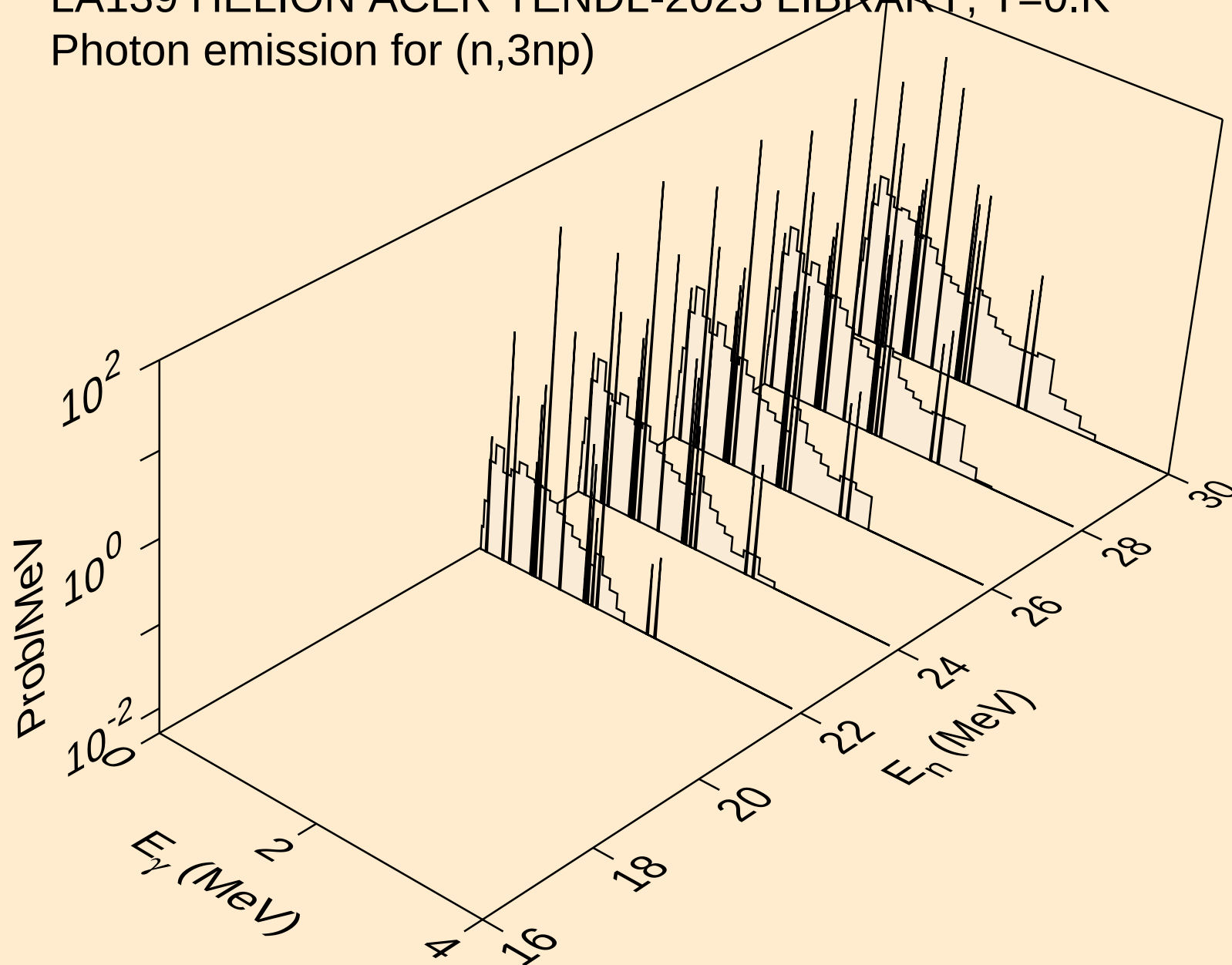
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



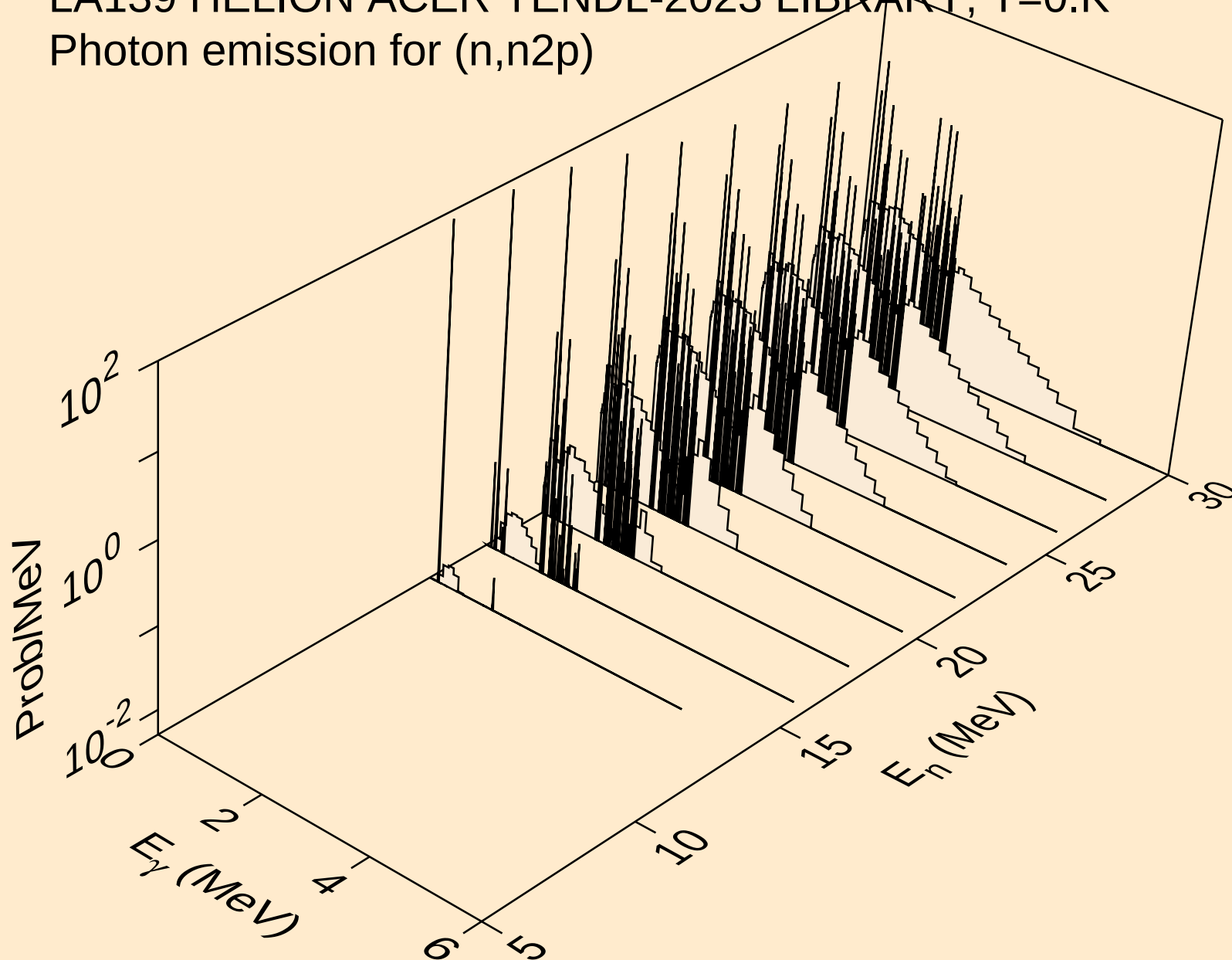
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Photon emission for (n,2np)



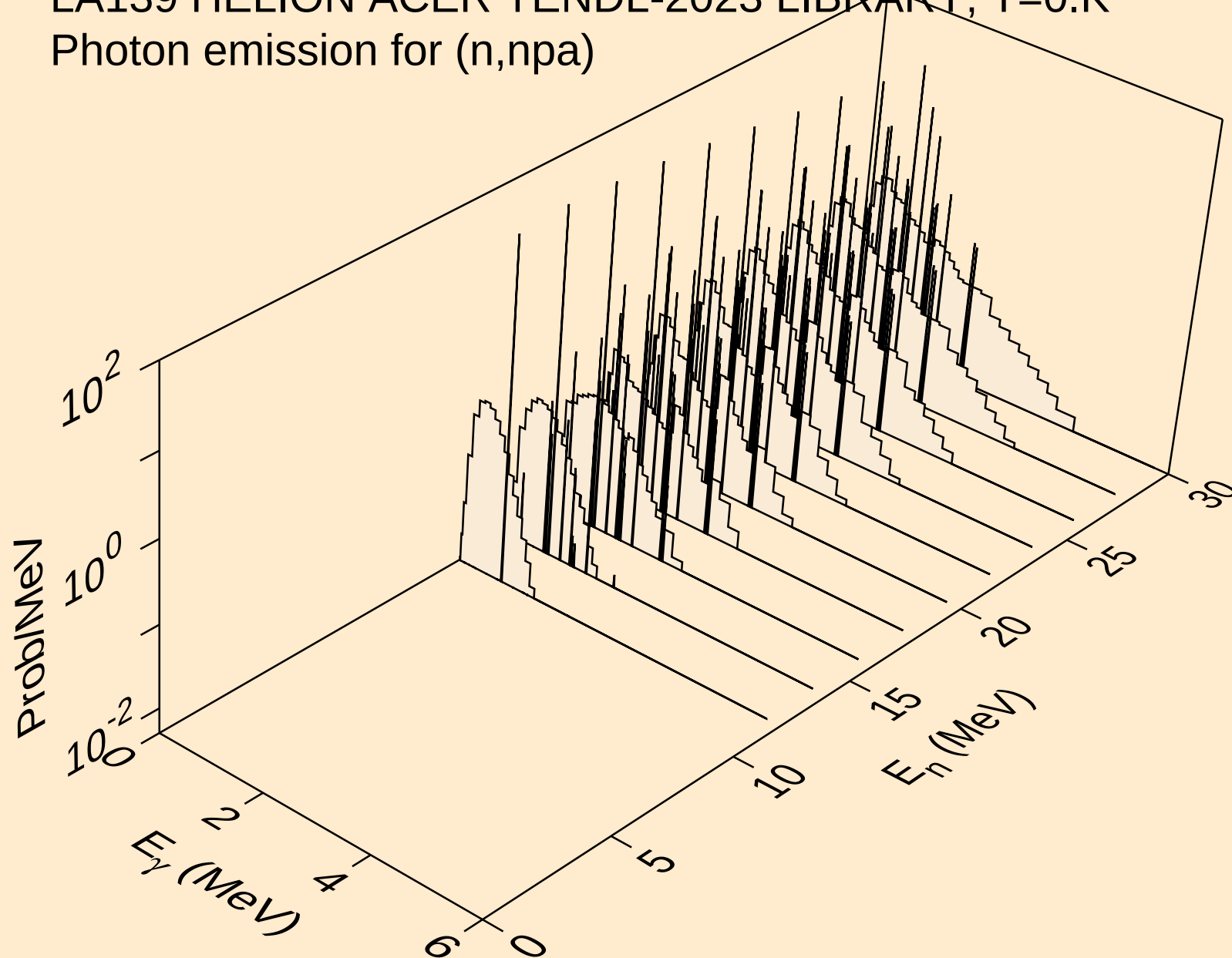
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Photon emission for (n,3np)



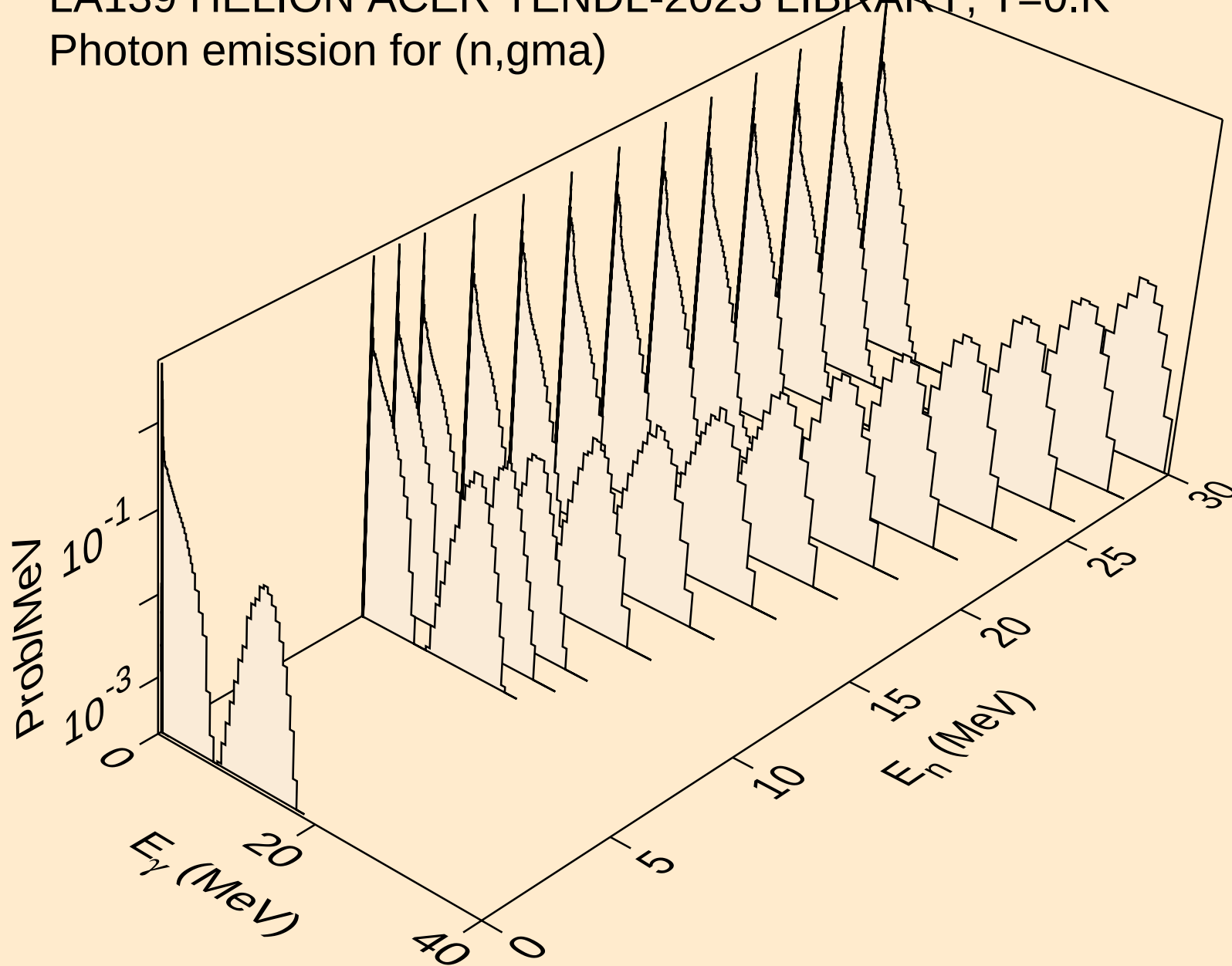
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Photon emission for (n,n2p)



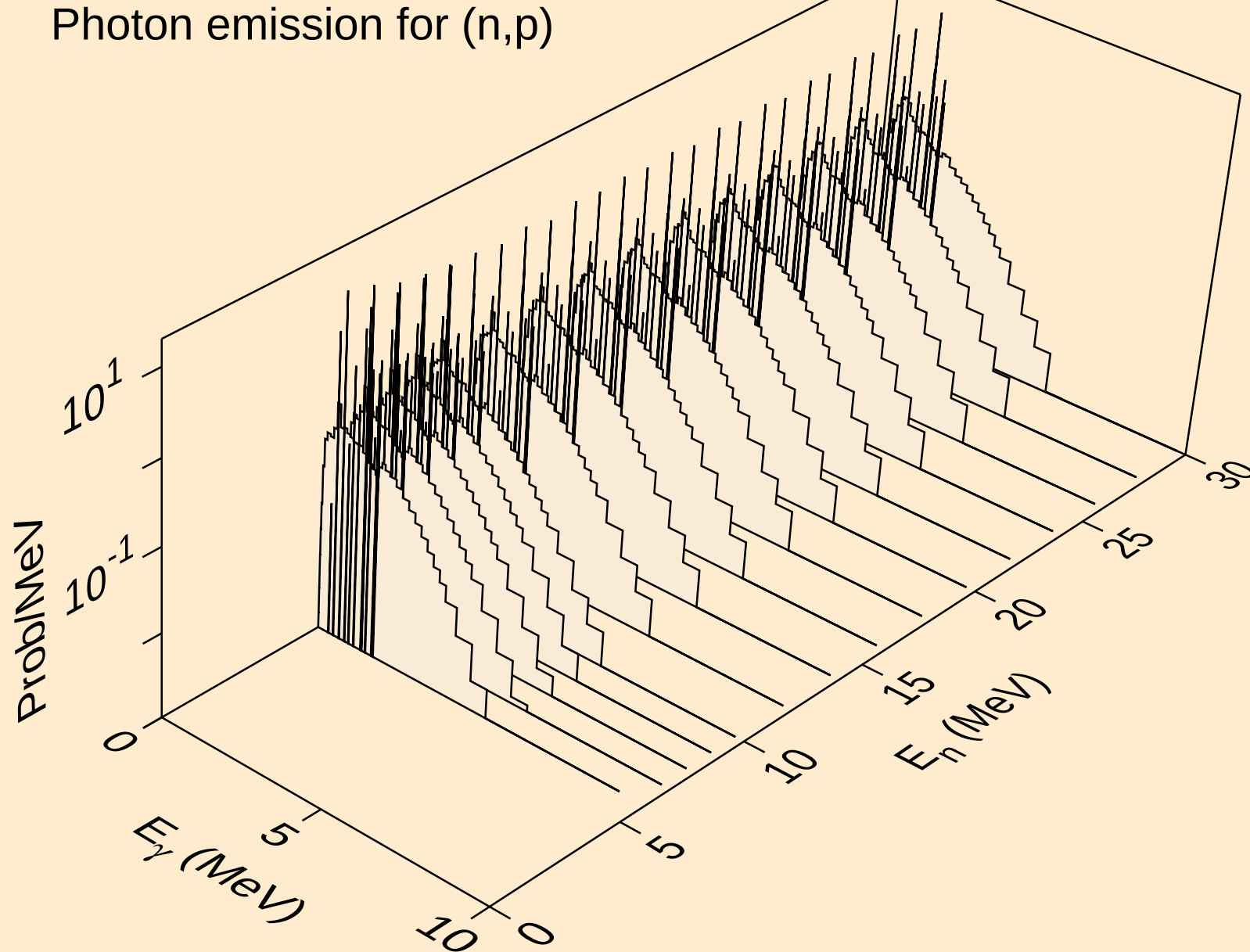
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Photon emission for (n,npa)



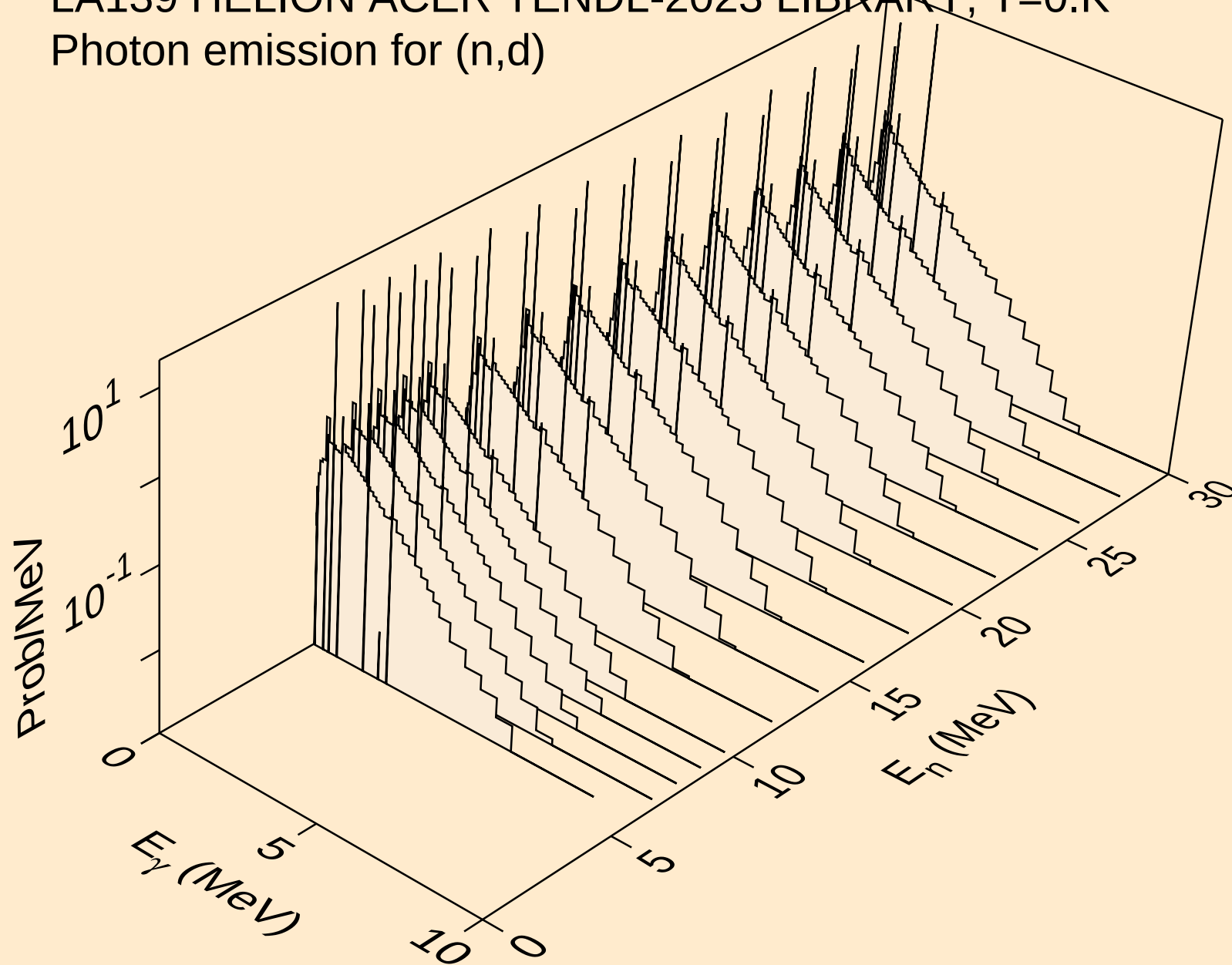
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Photon emission for (n,gma)



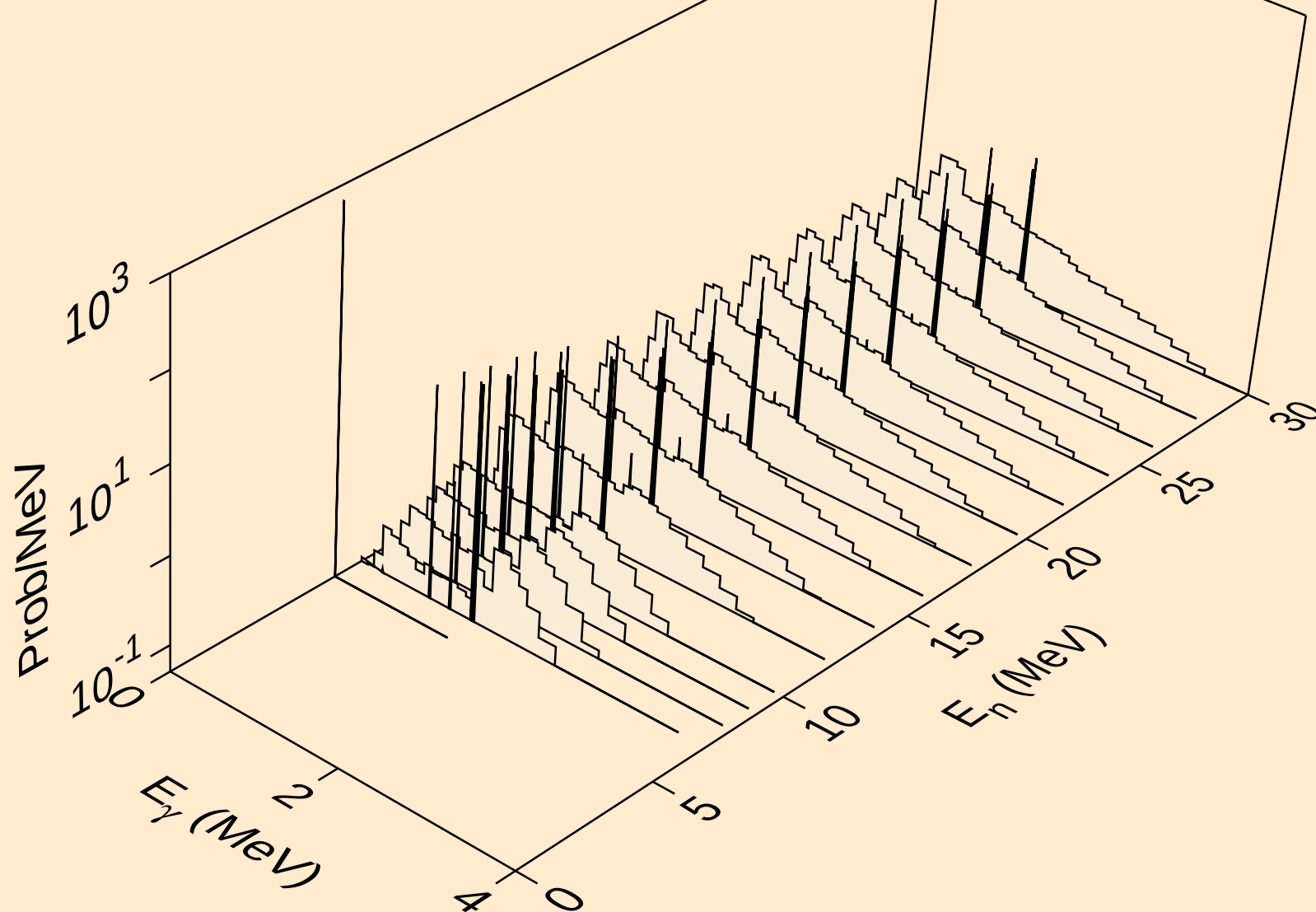
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Photon emission for (n,p)



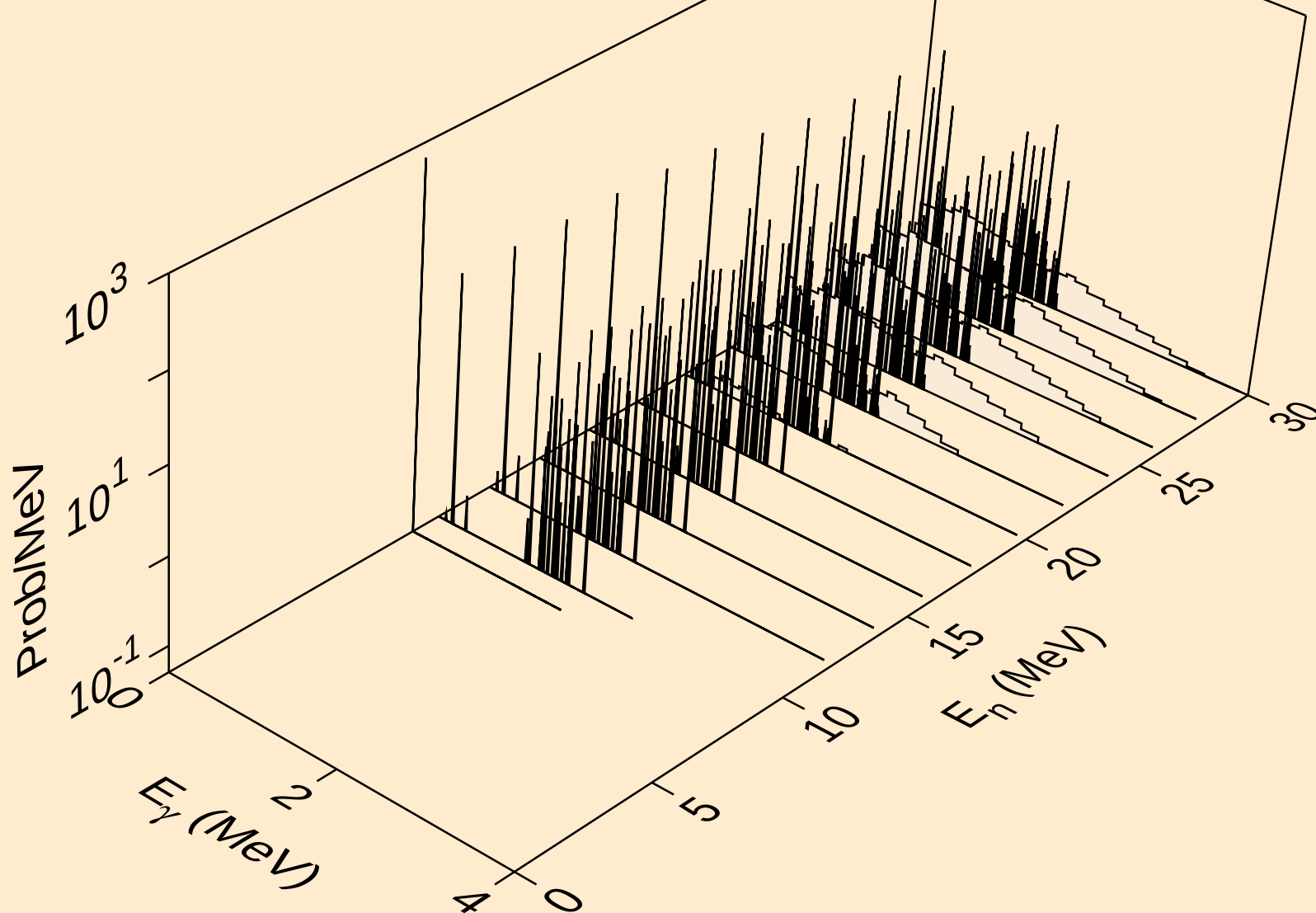
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Photon emission for (n,d)



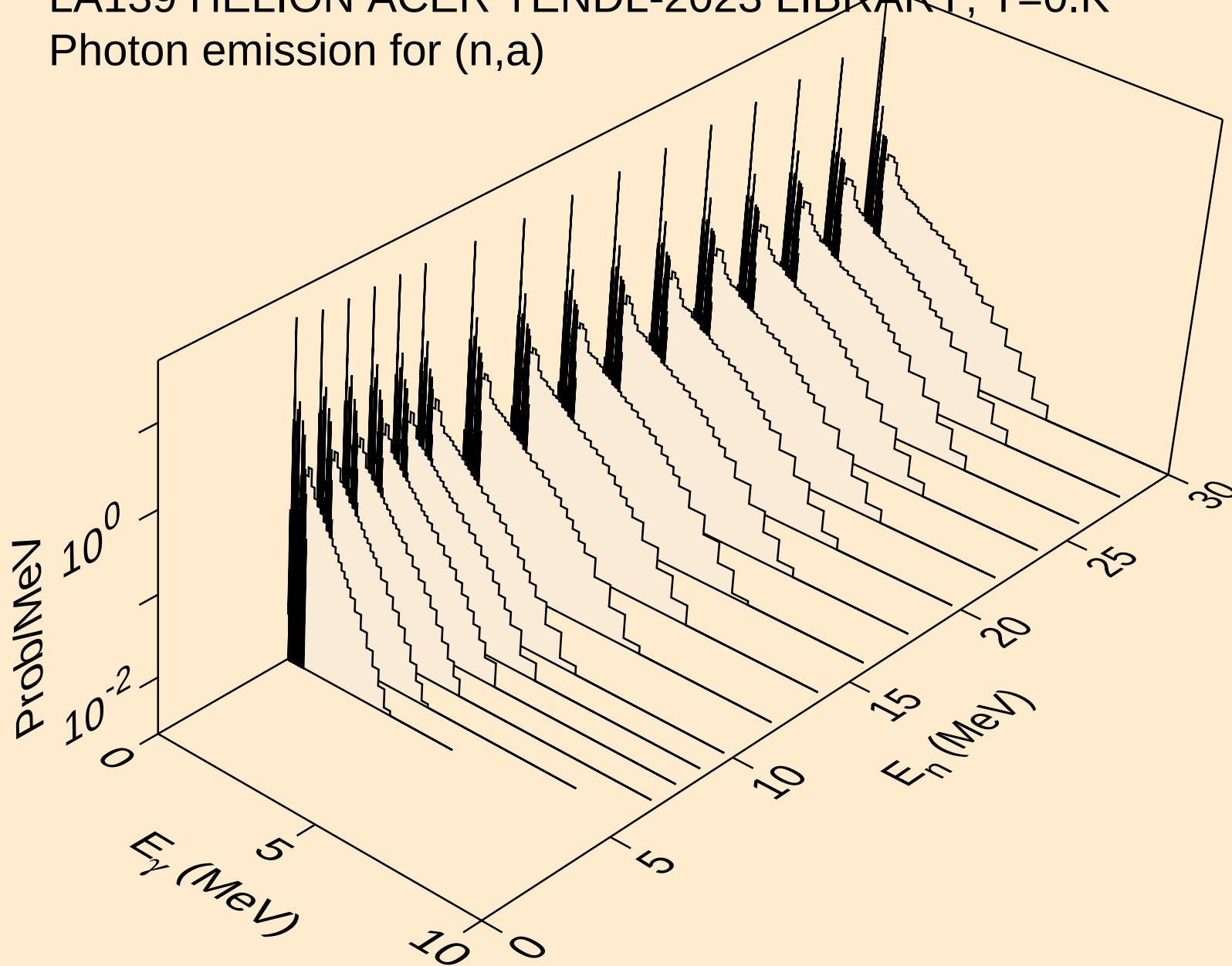
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Photon emission for (n,t)



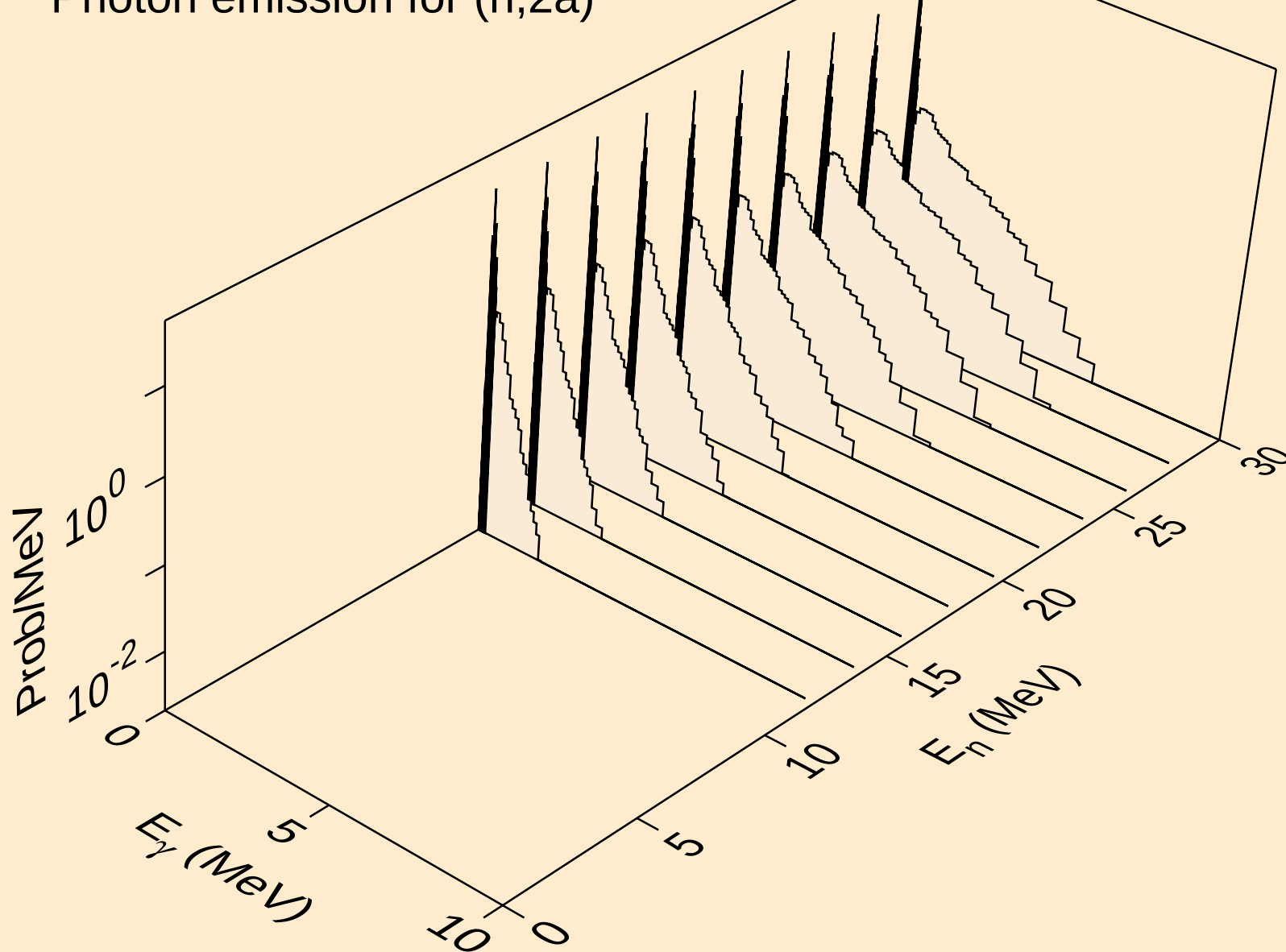
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



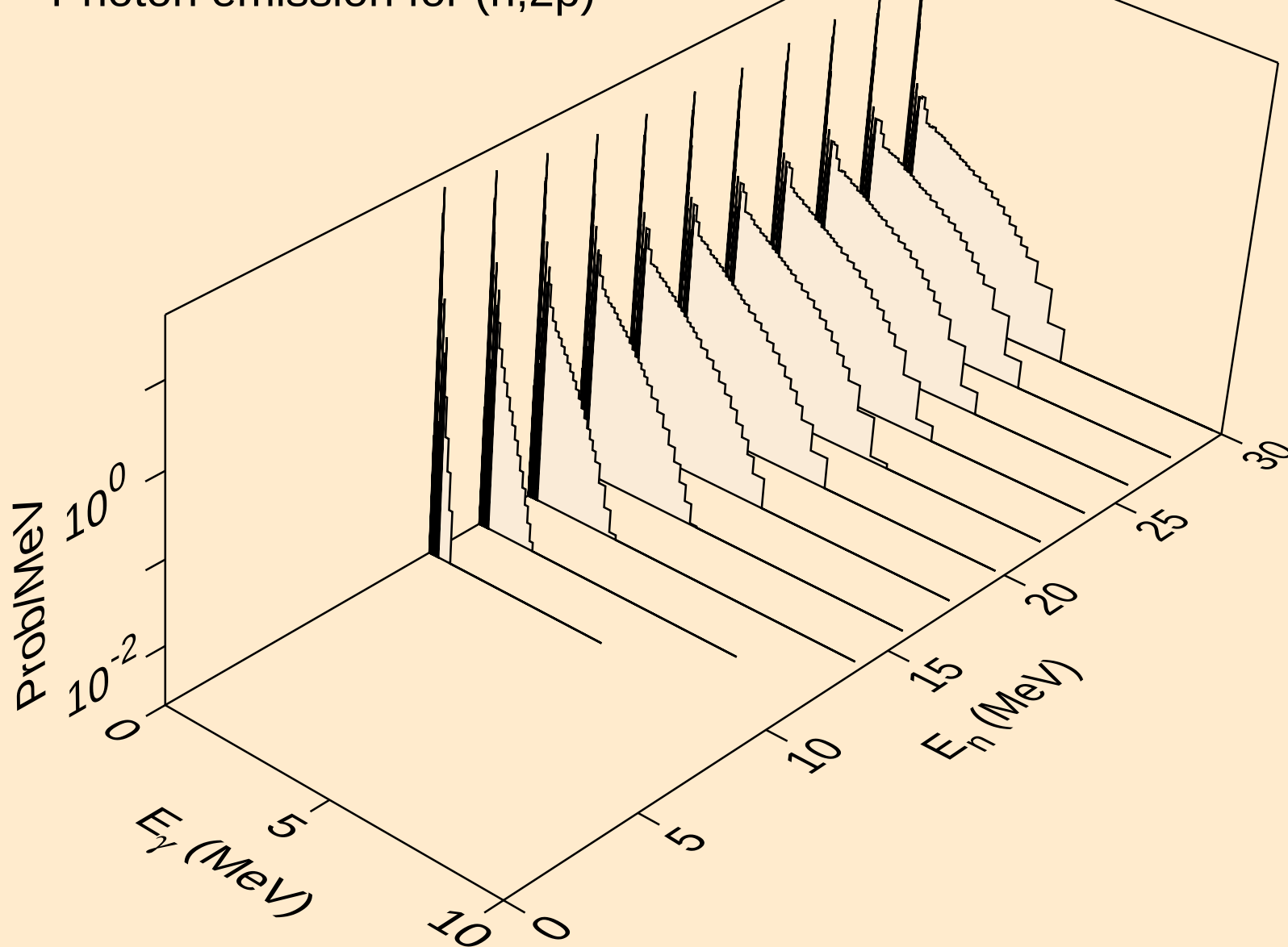
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



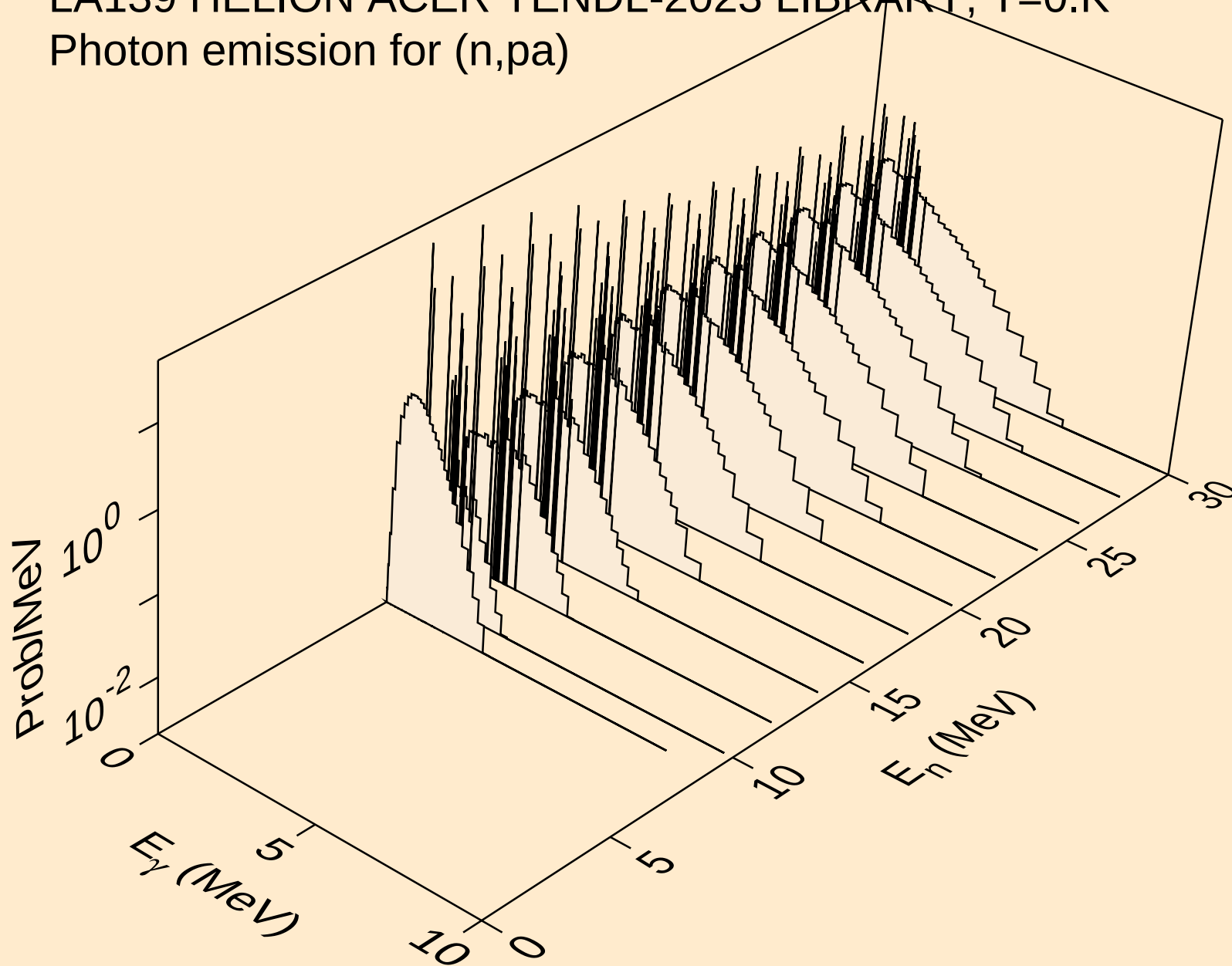
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Photon emission for (n,2a)



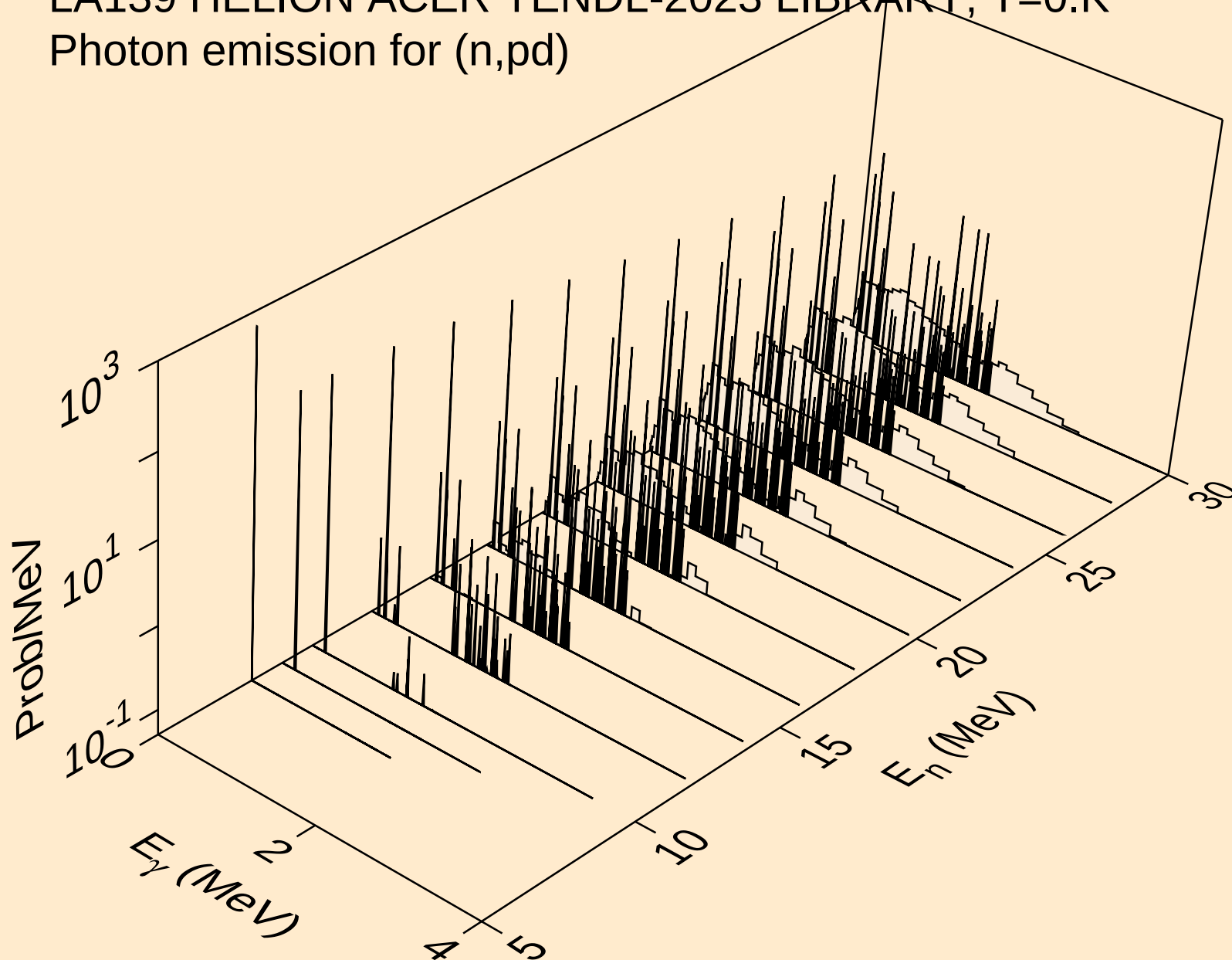
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Photon emission for (n,2p)



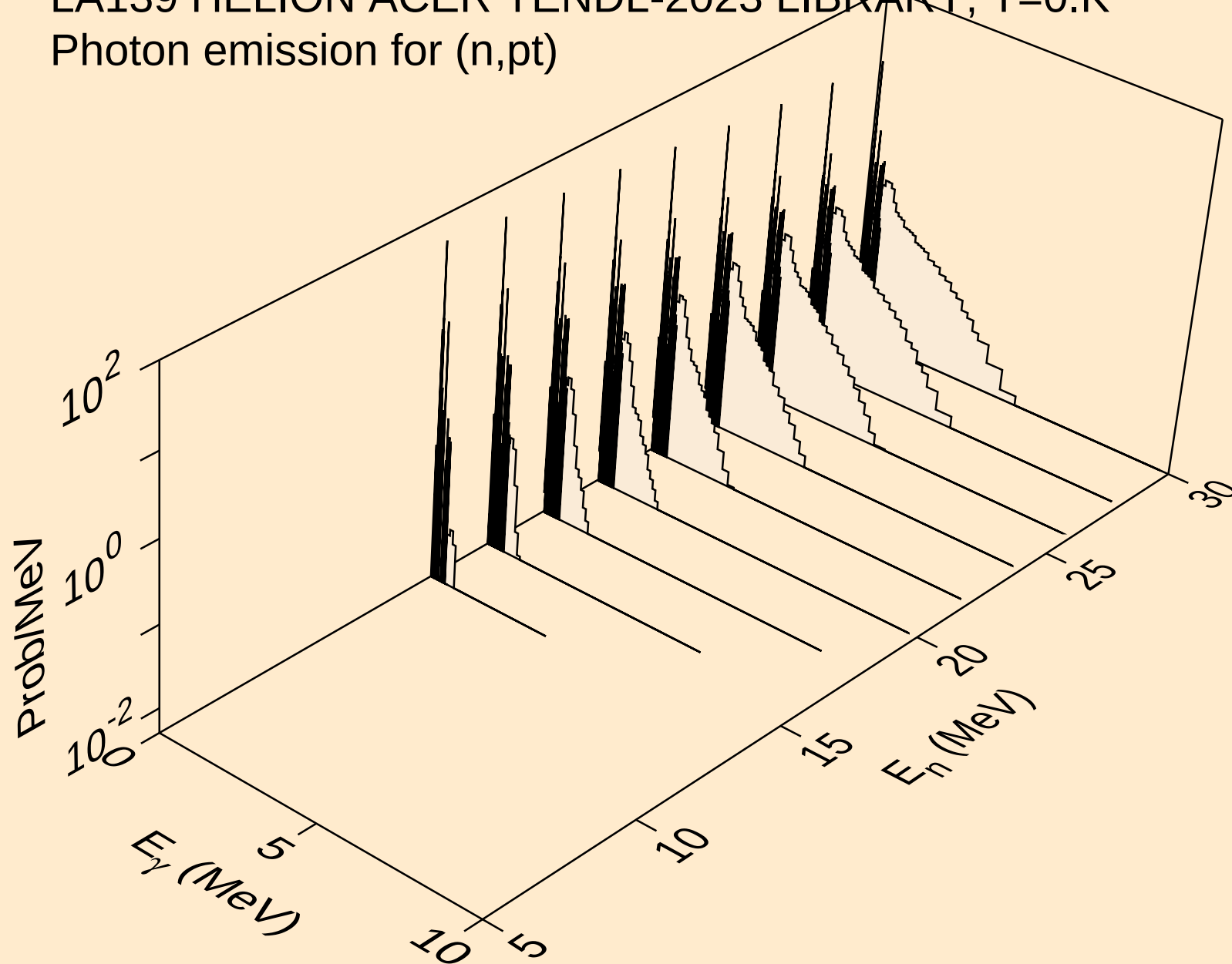
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Photon emission for (n,p α)



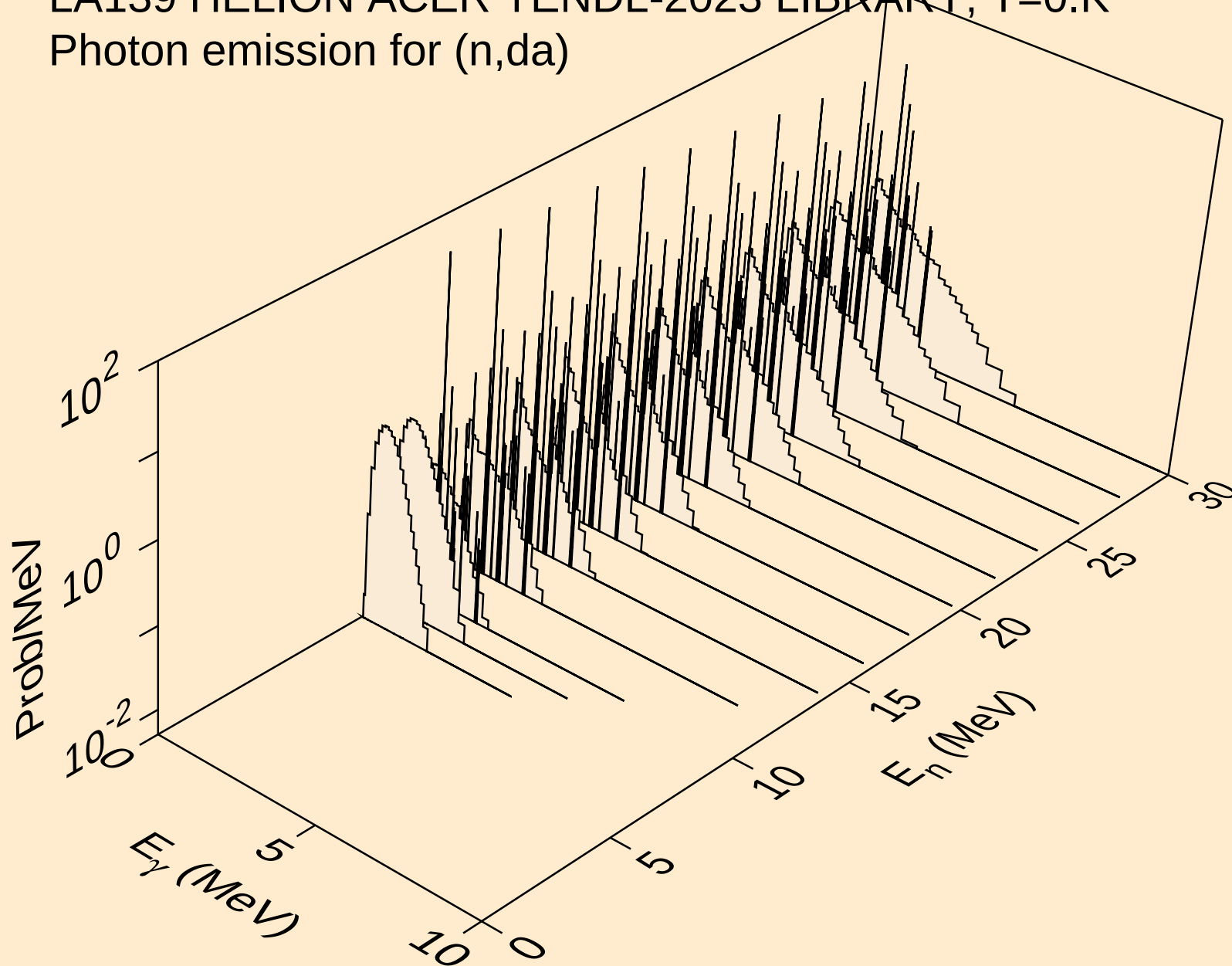
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Photon emission for (n,pd)



LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)

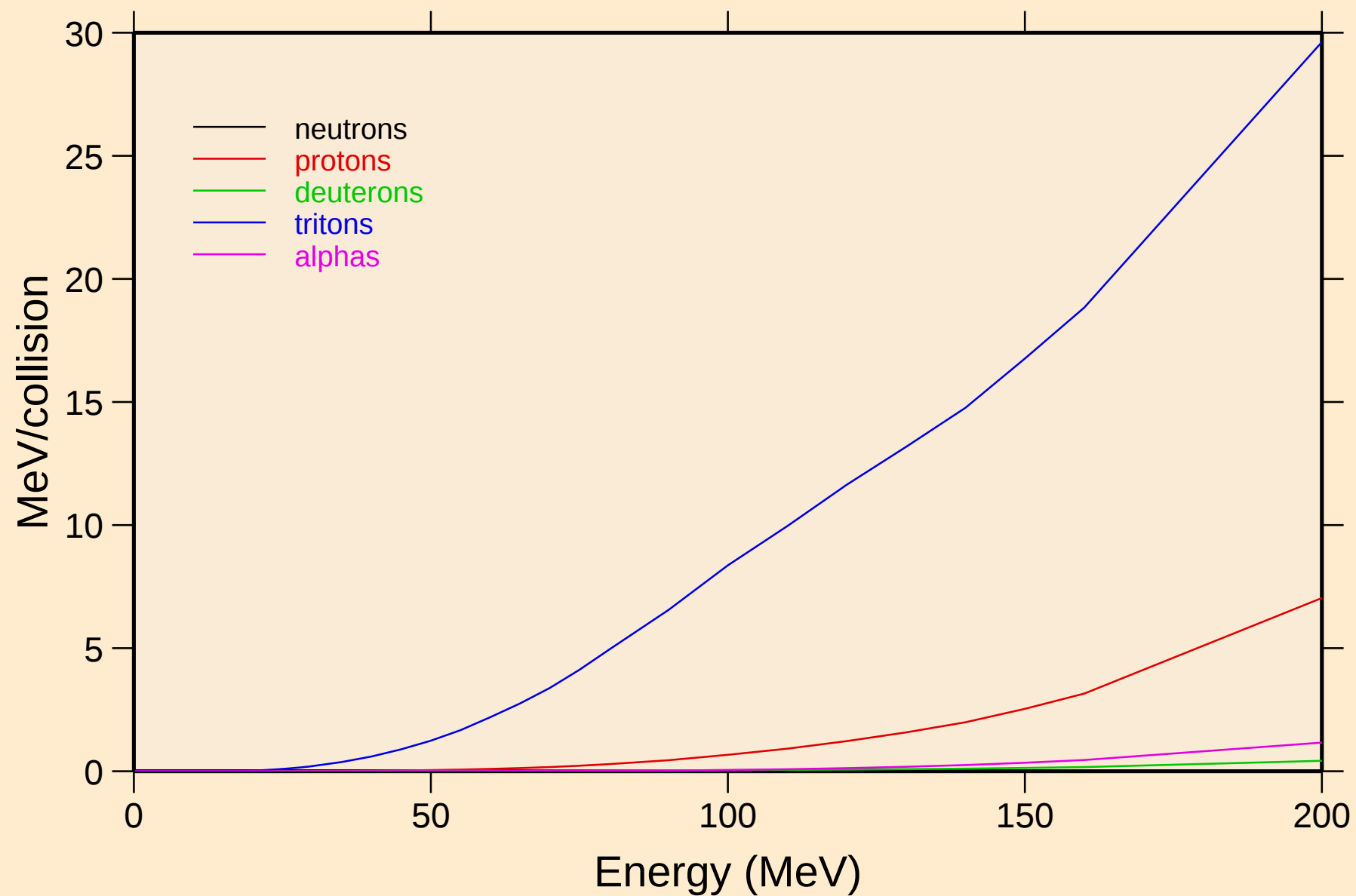


LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



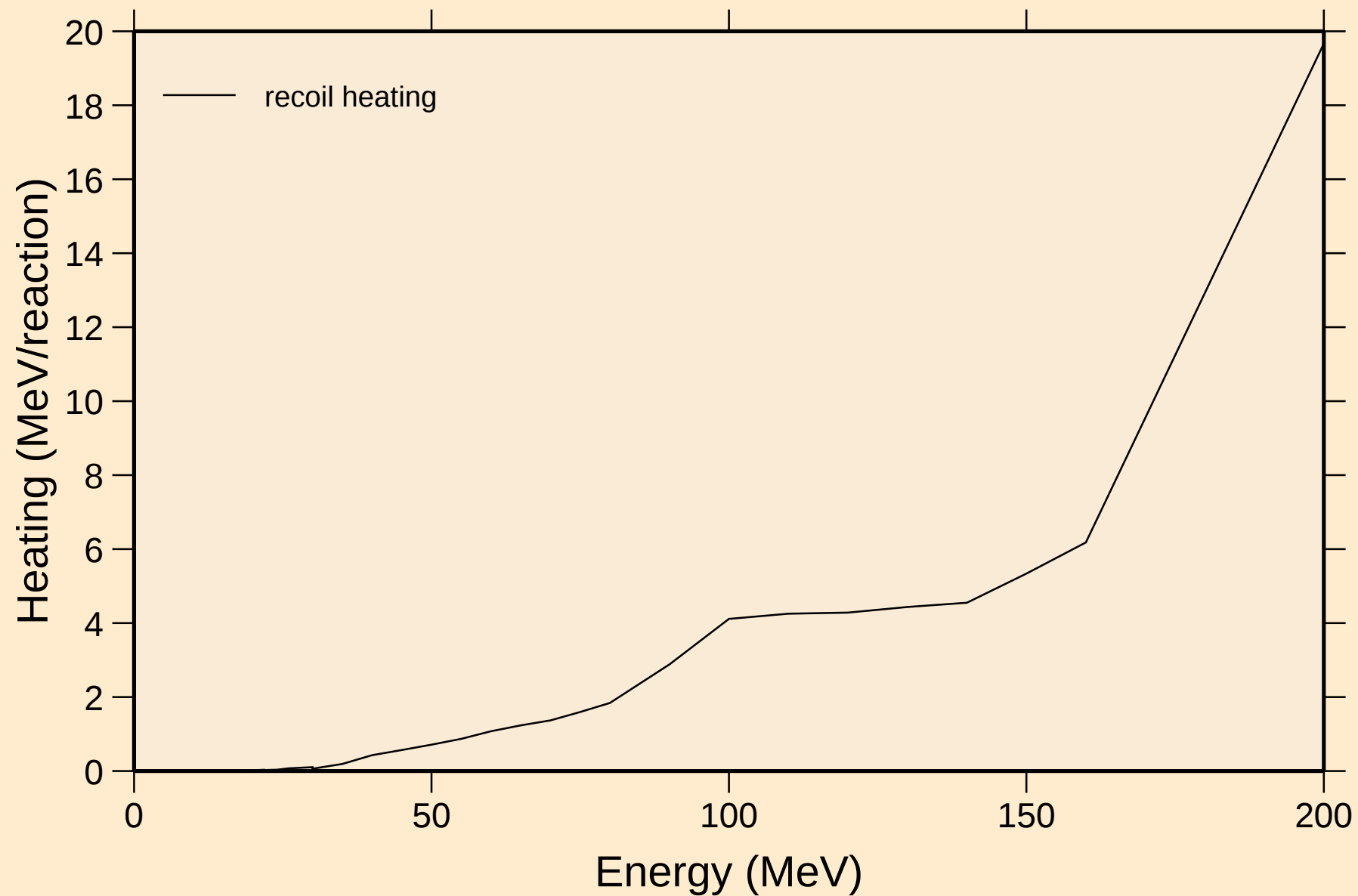
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



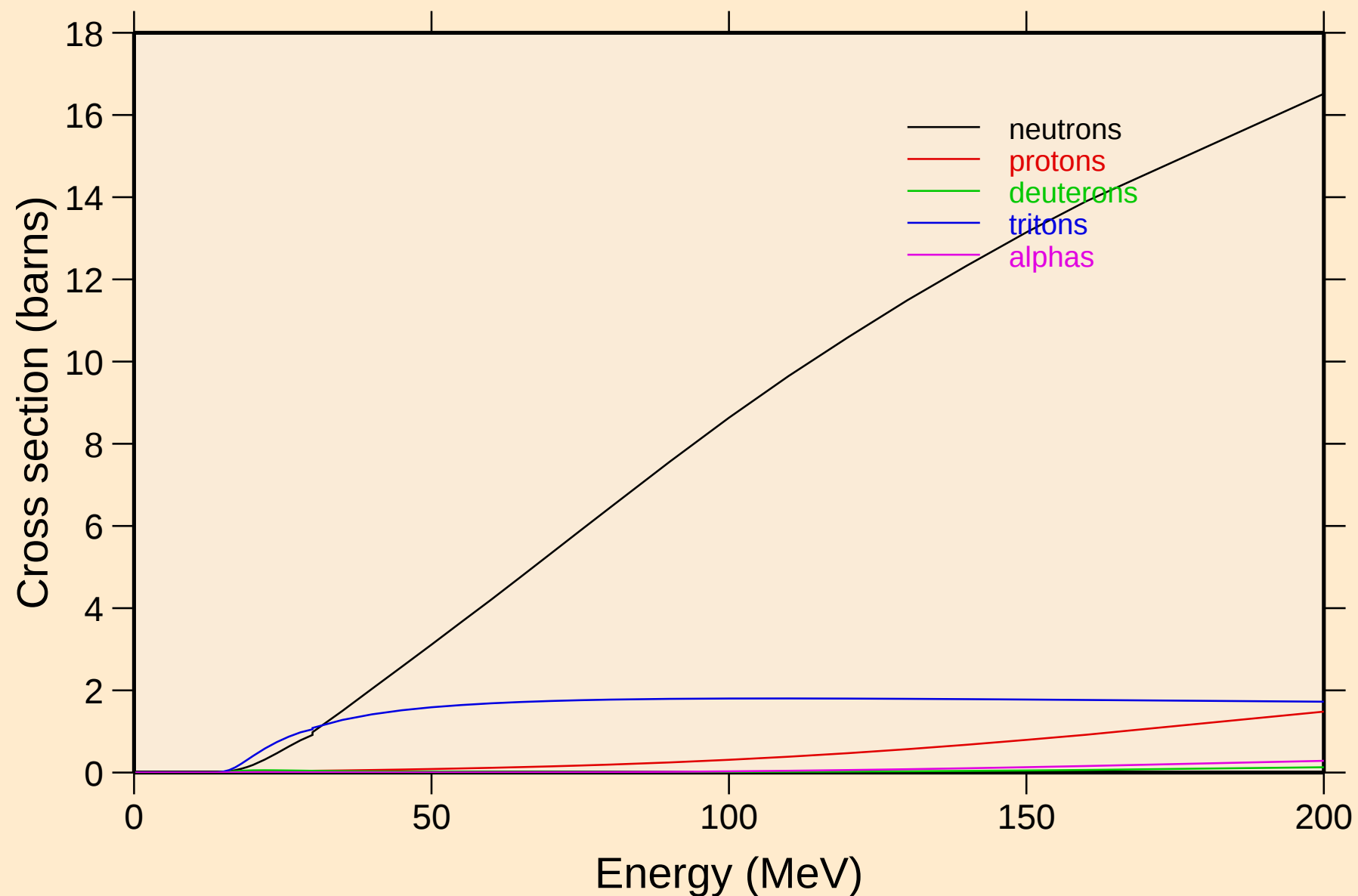
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

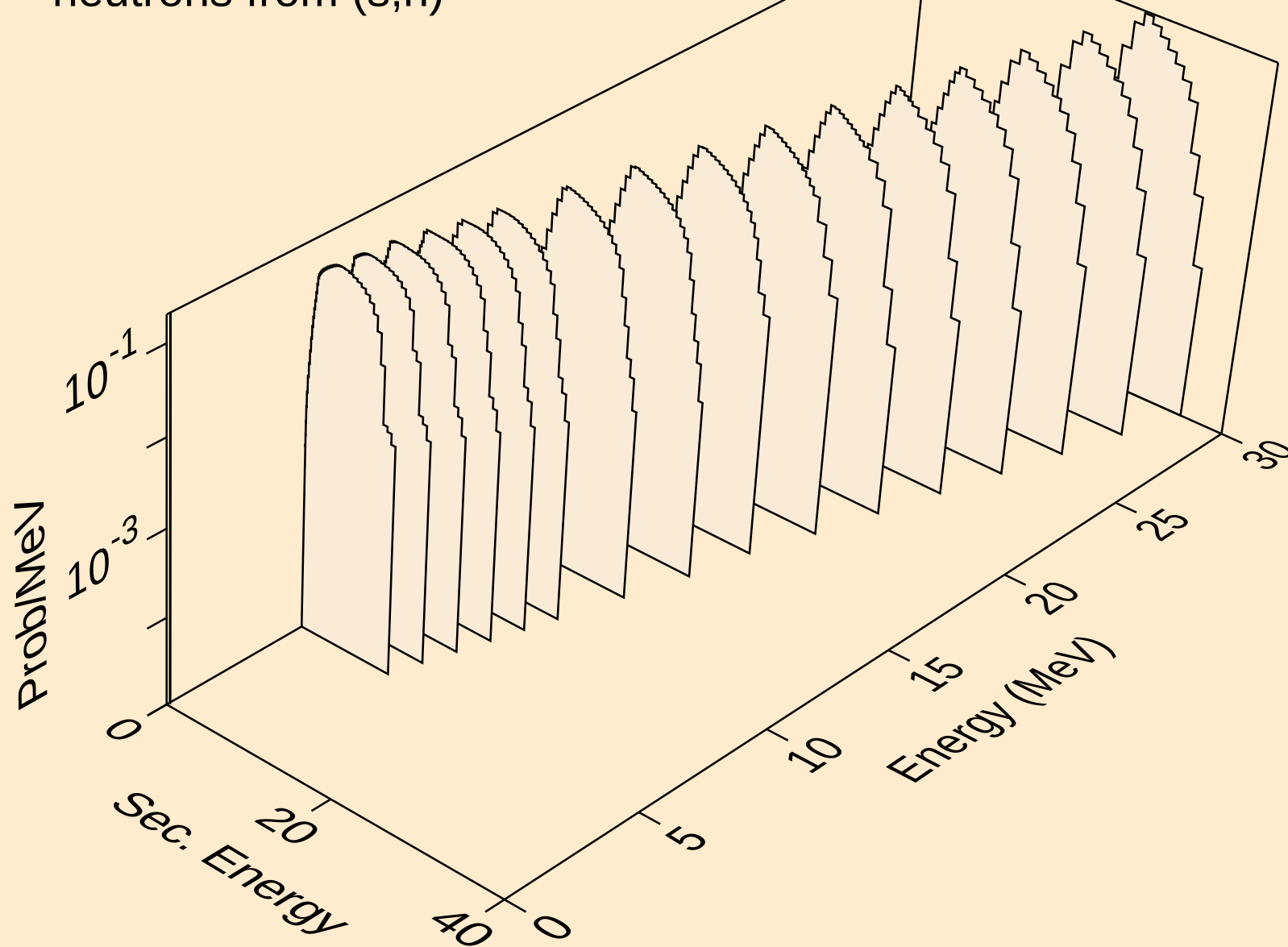


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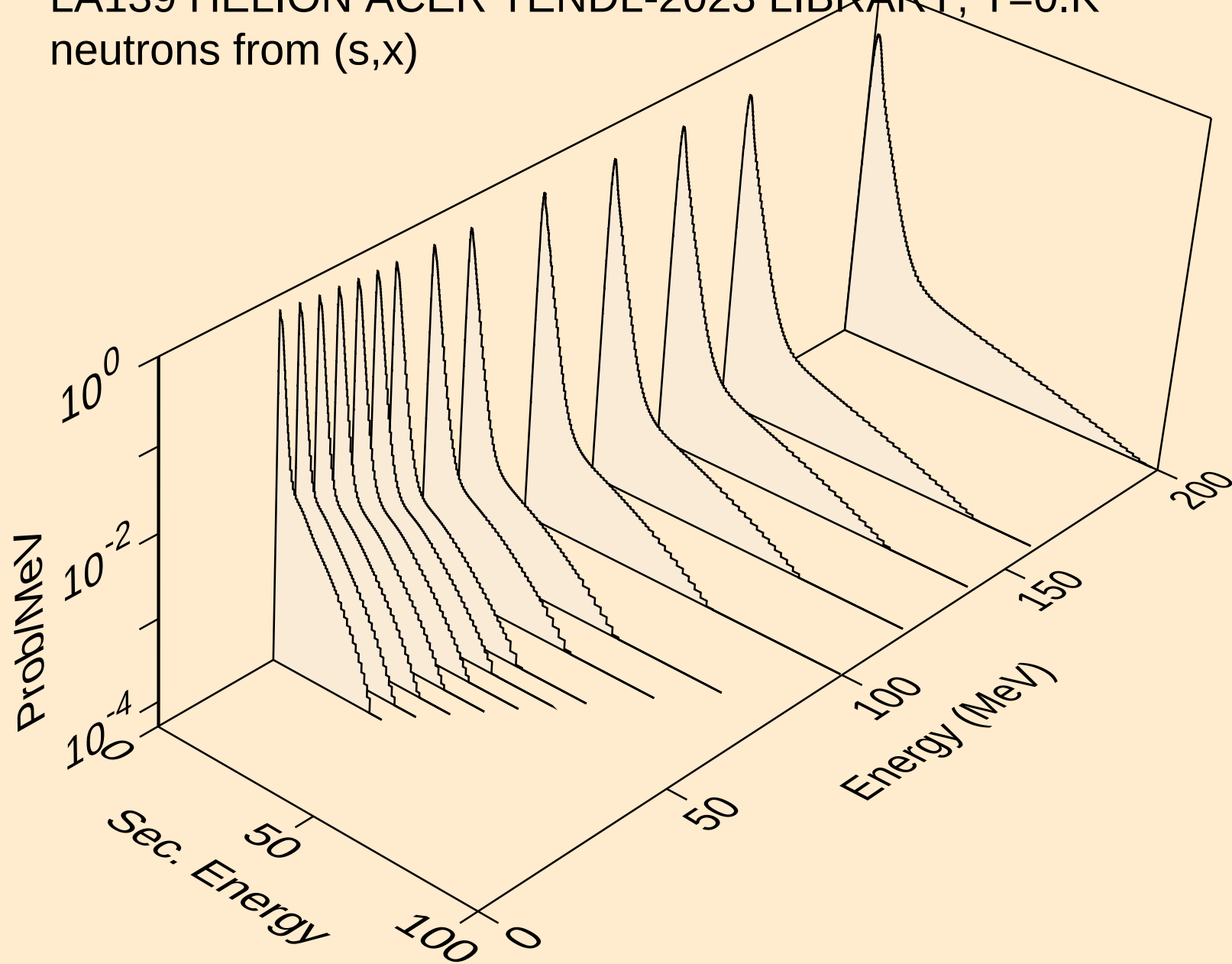
Particle production cross sections



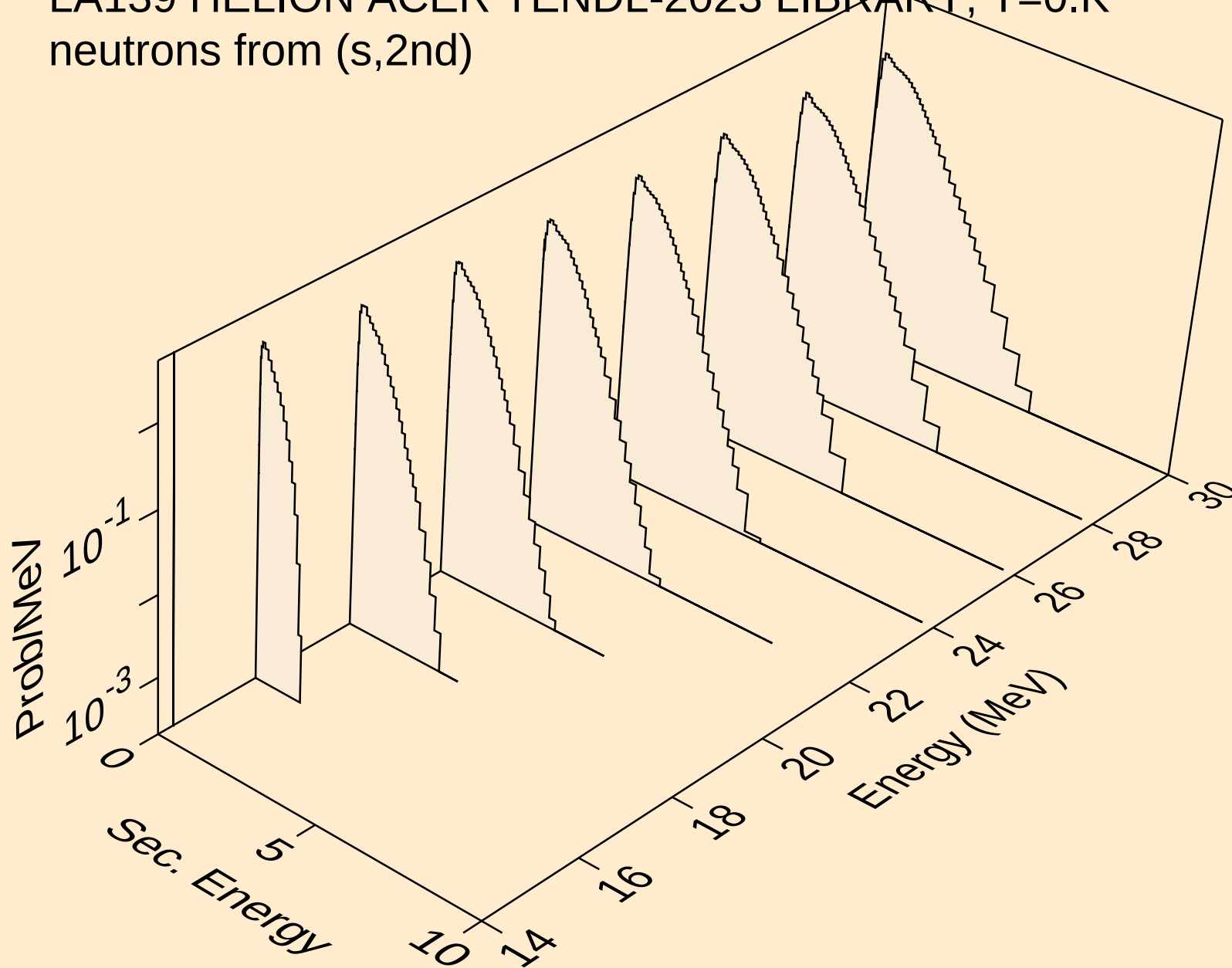
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n)



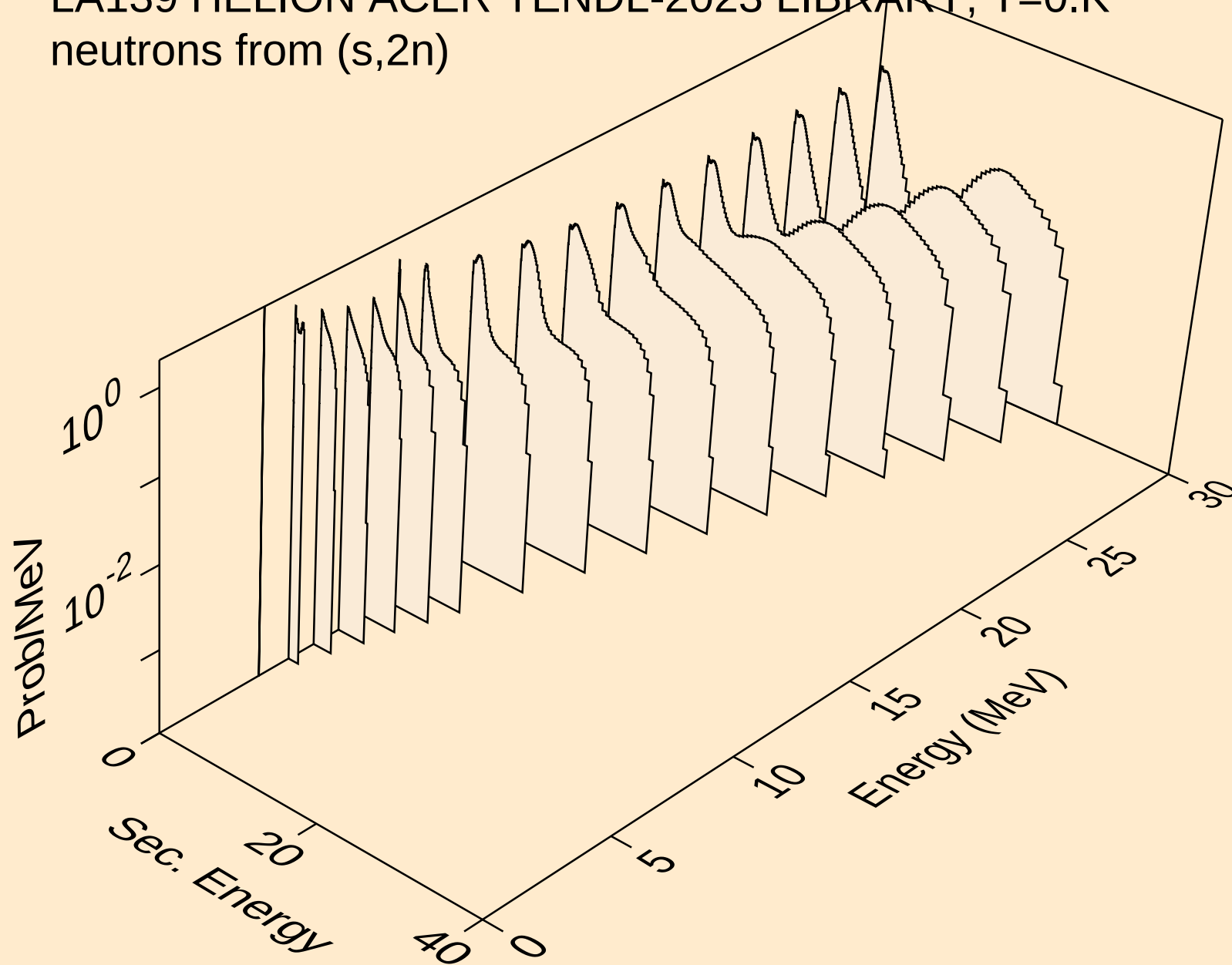
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neutrons from (s,x)



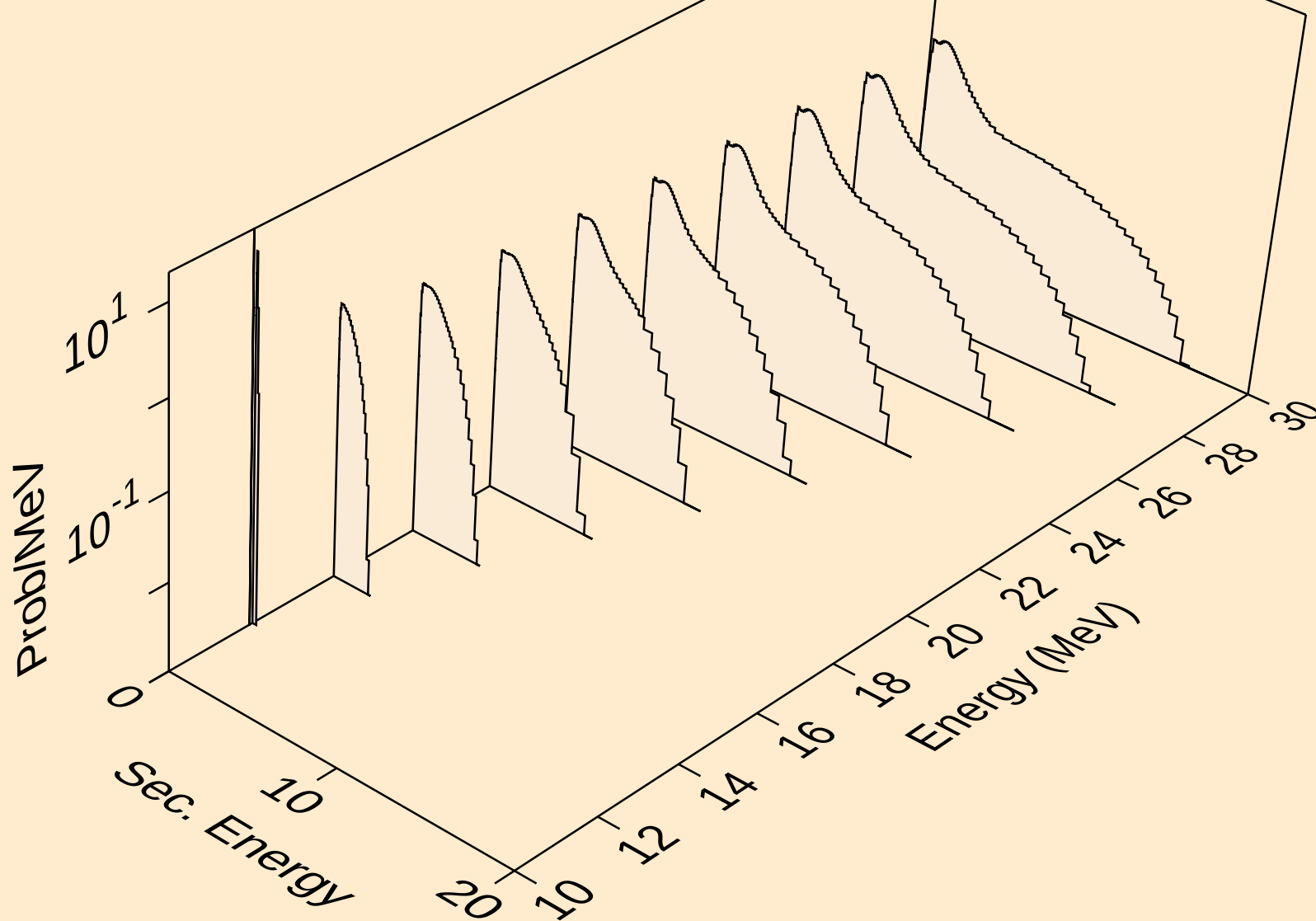
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neutrons from (s,2nd)



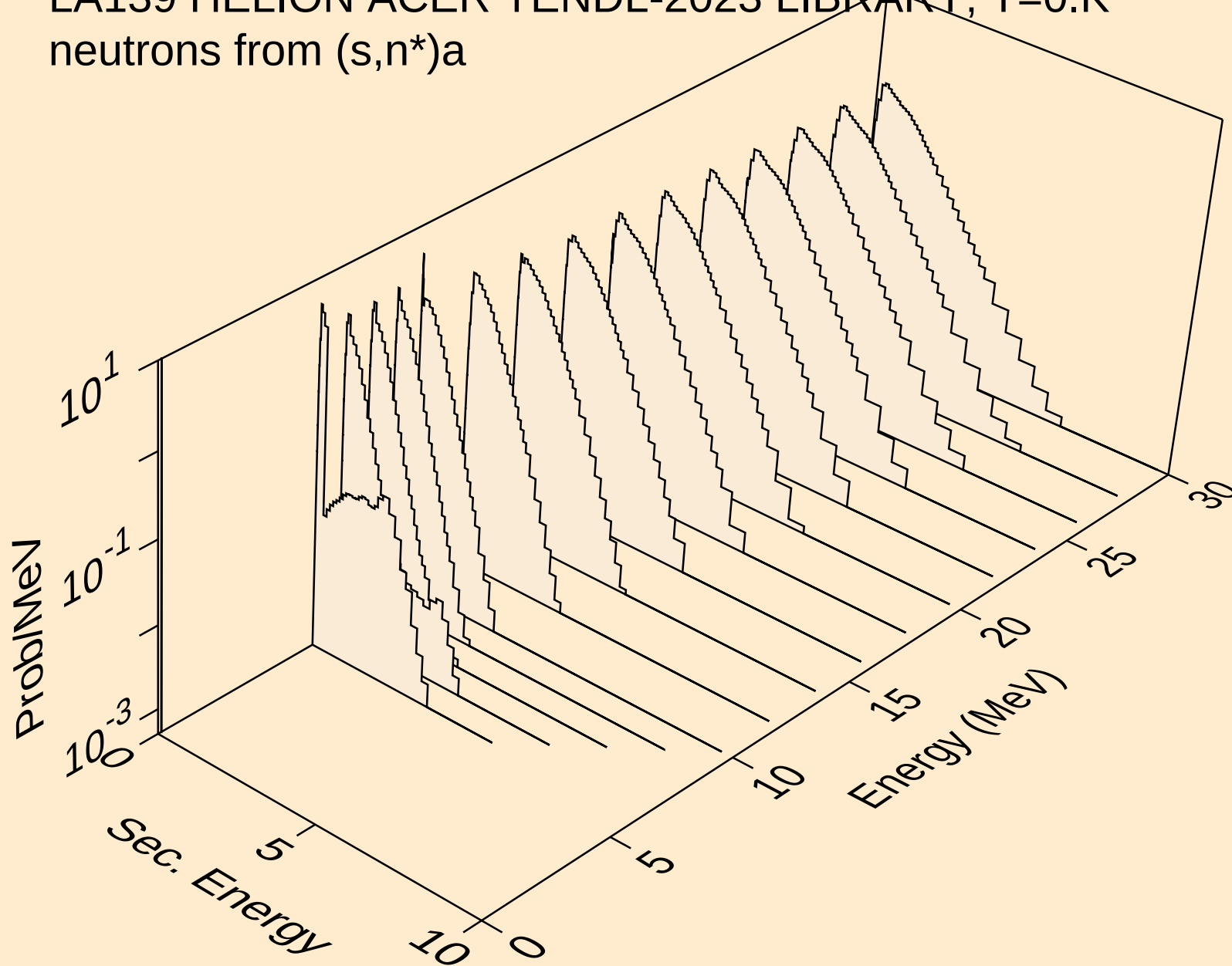
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neutrons from (s,2n)



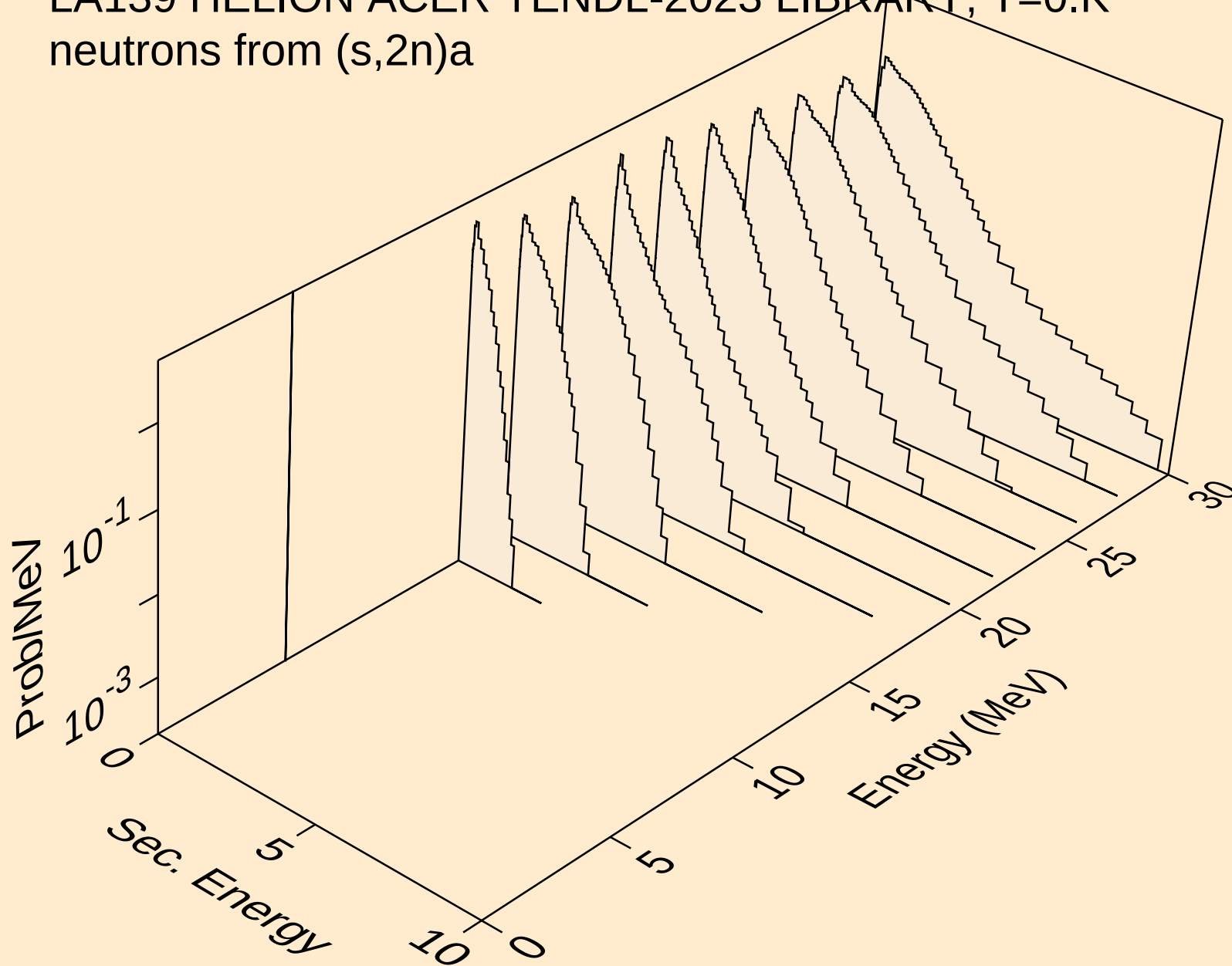
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neutrons from (s,3n)



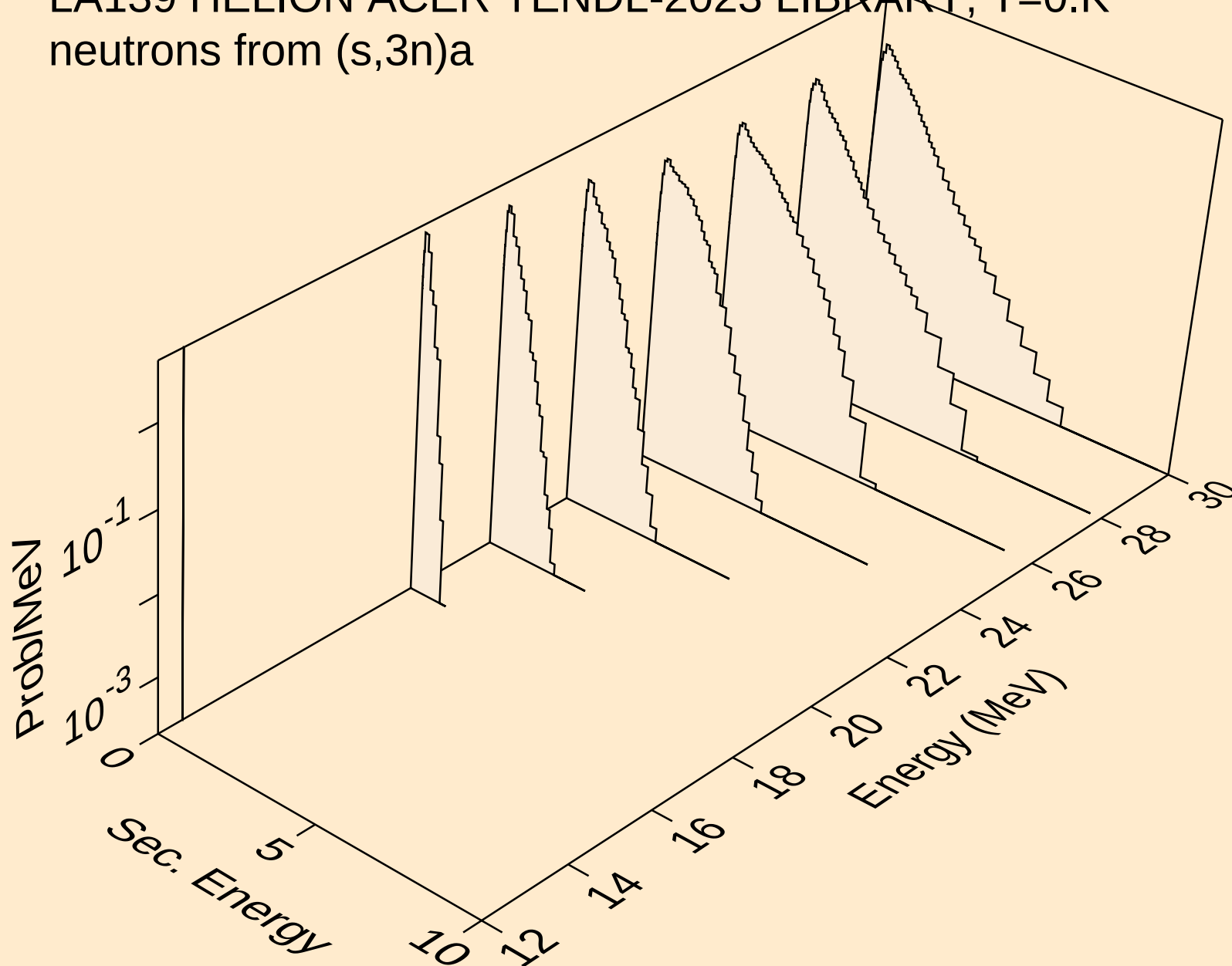
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)a



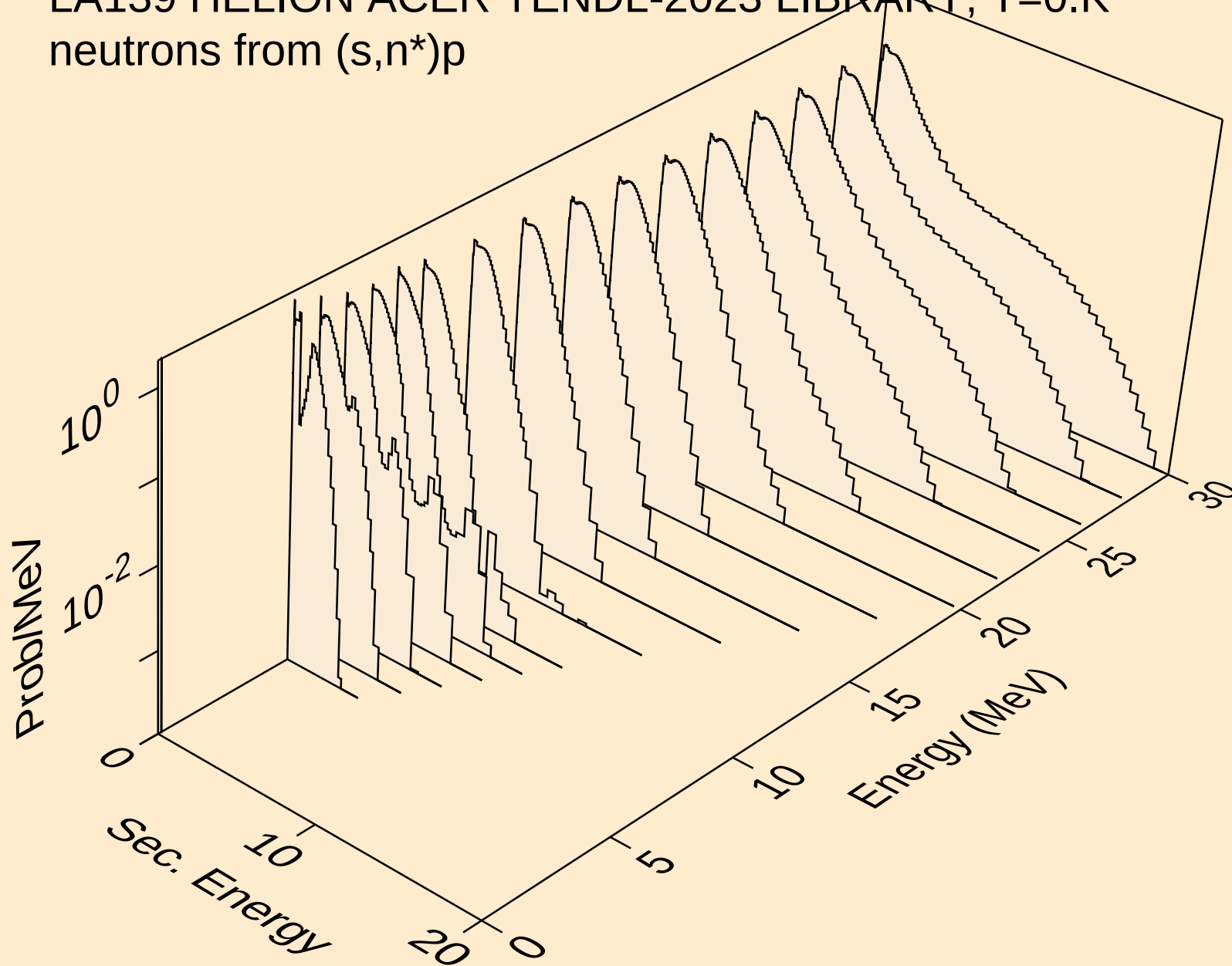
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neutrons from (s,2n)a



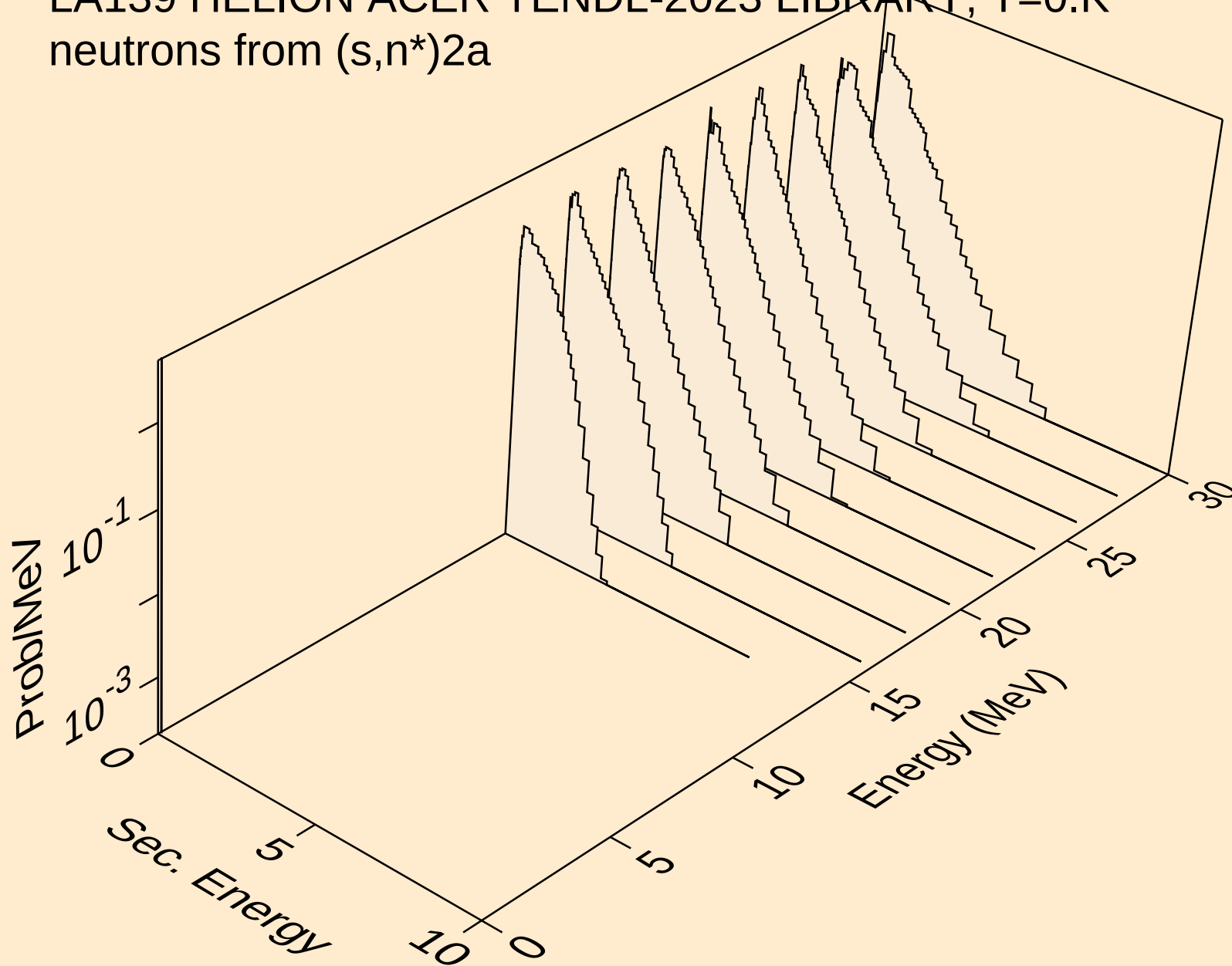
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neutrons from (s,3n)a



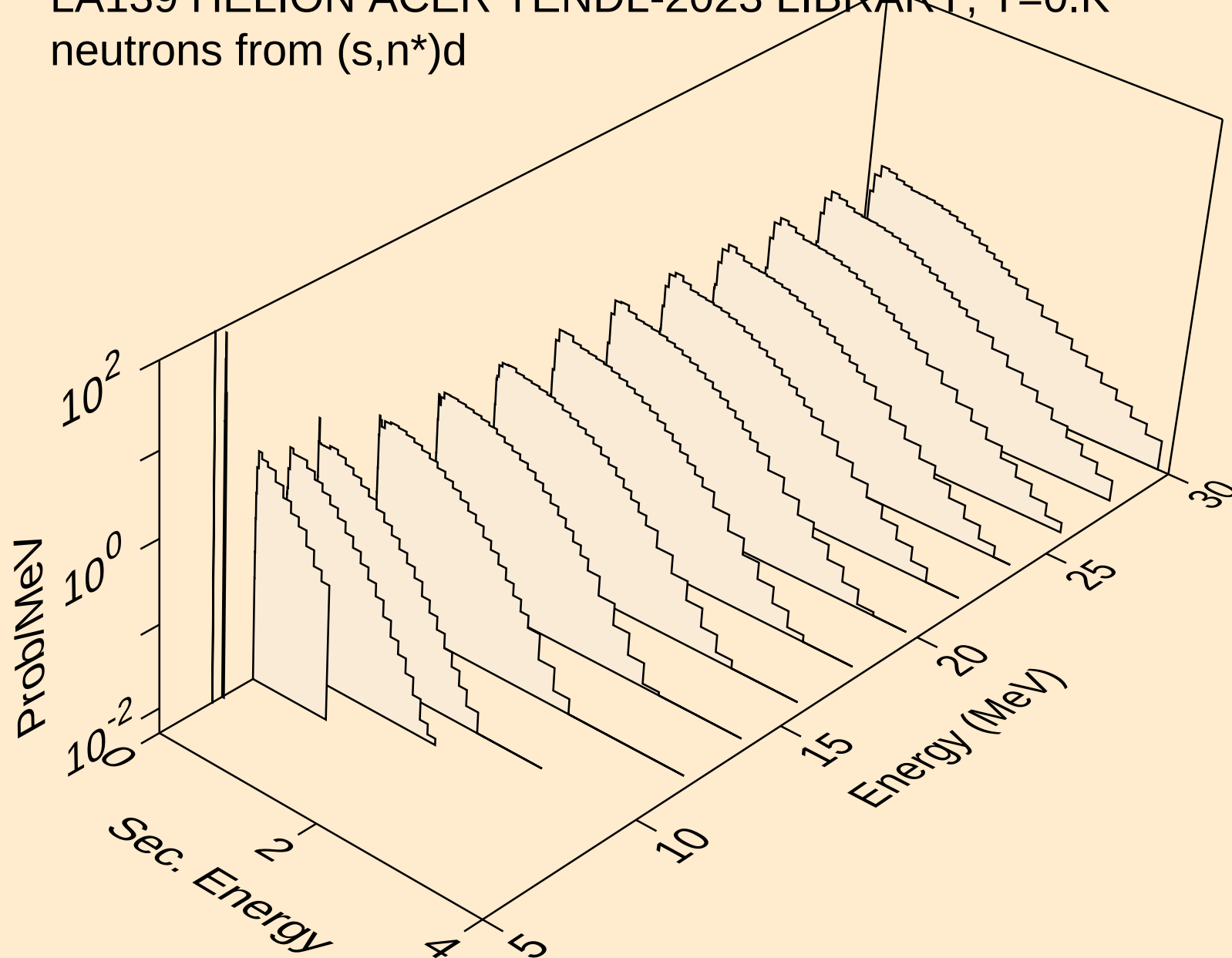
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)p



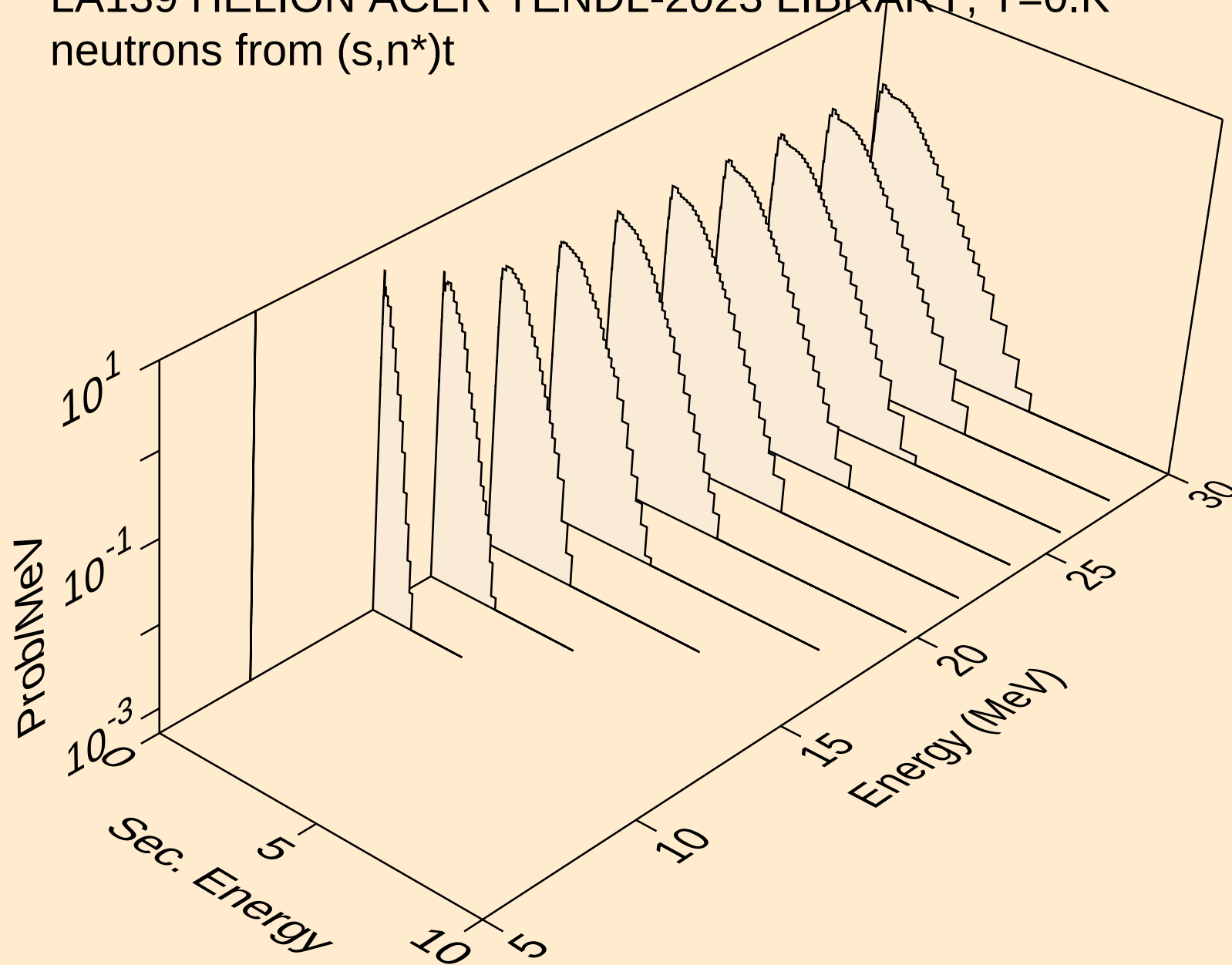
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neutrons from (s,n*)2a



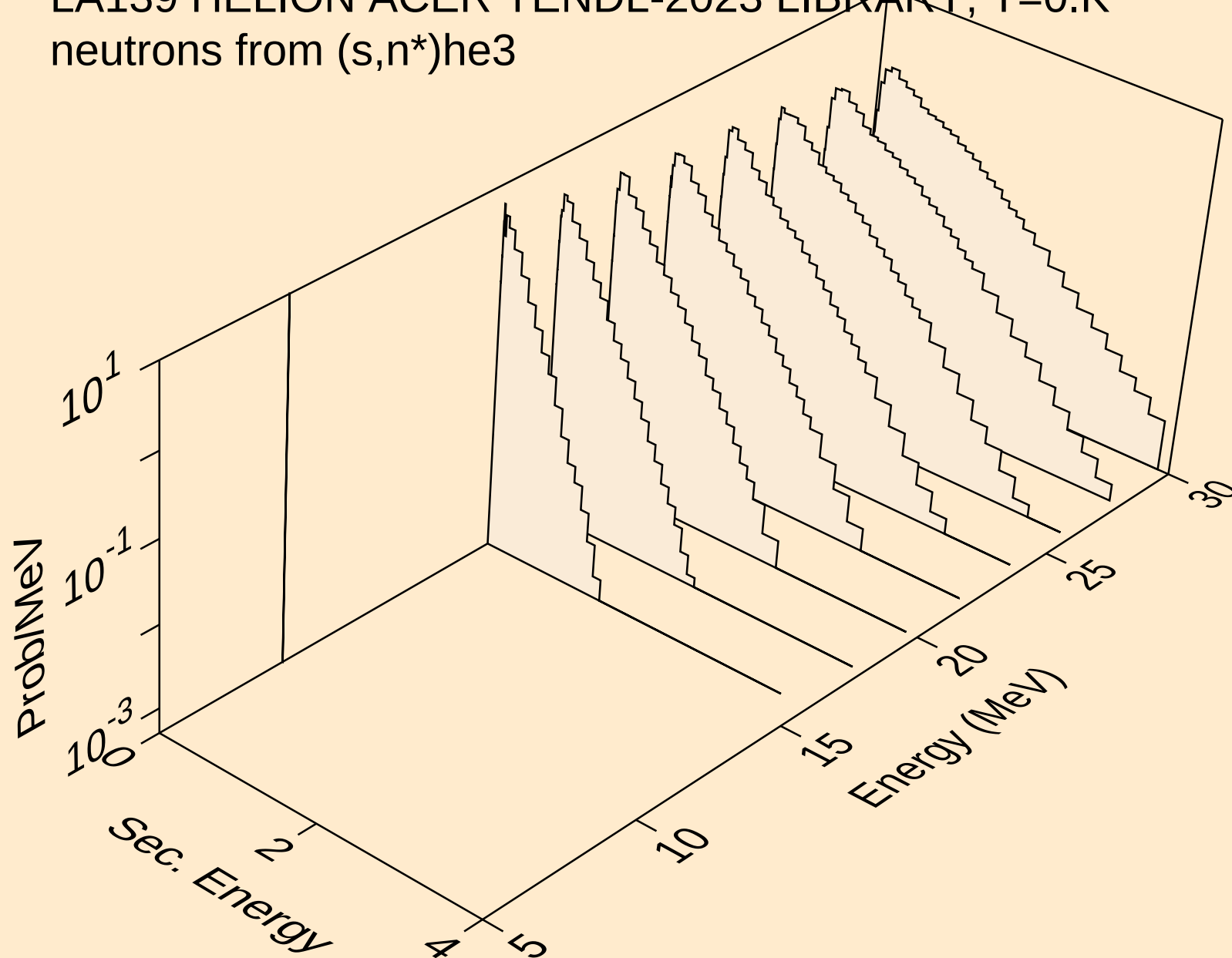
LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)d



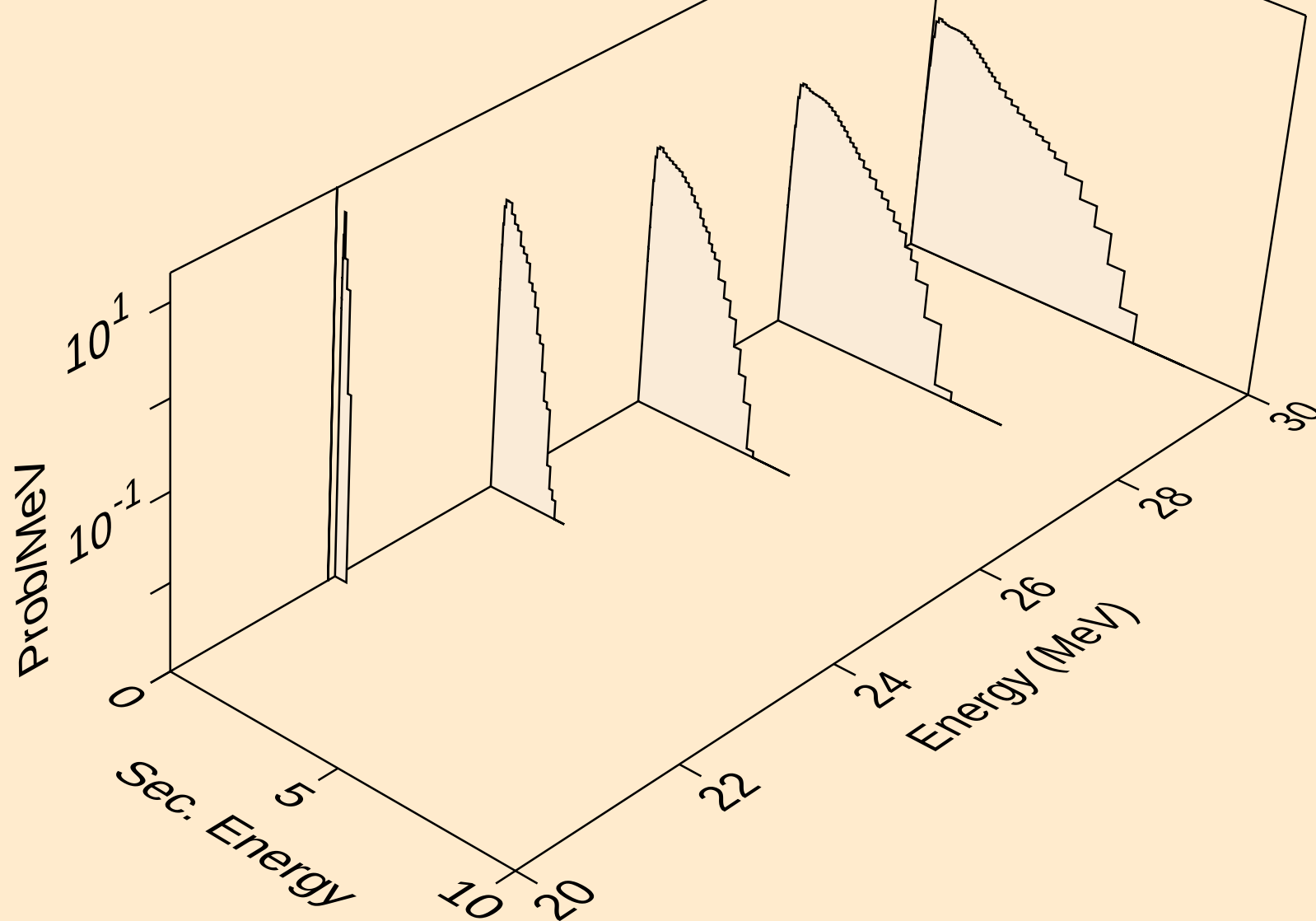
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neutrons from (s,n*)t



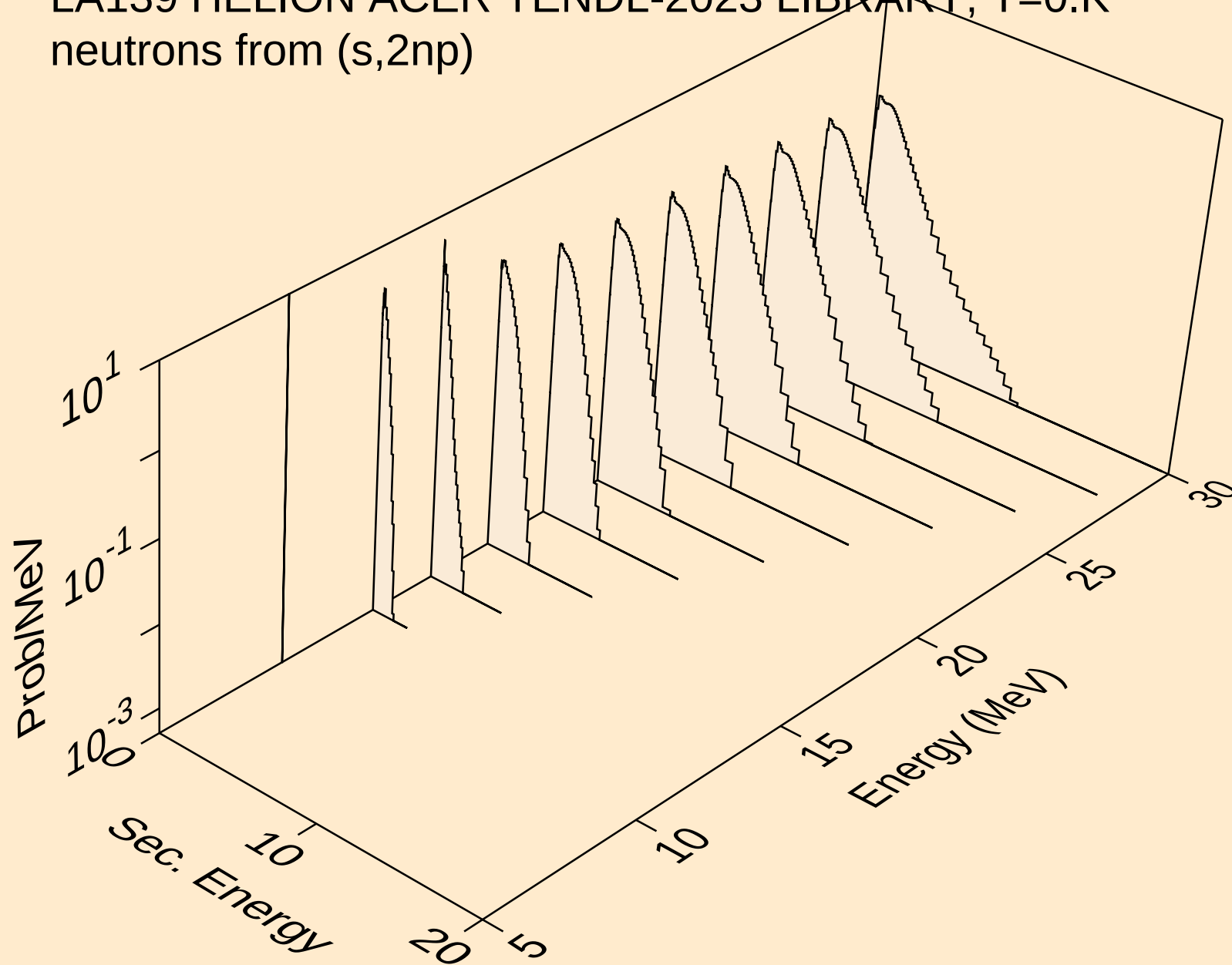
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neutrons from (s,n*)he3



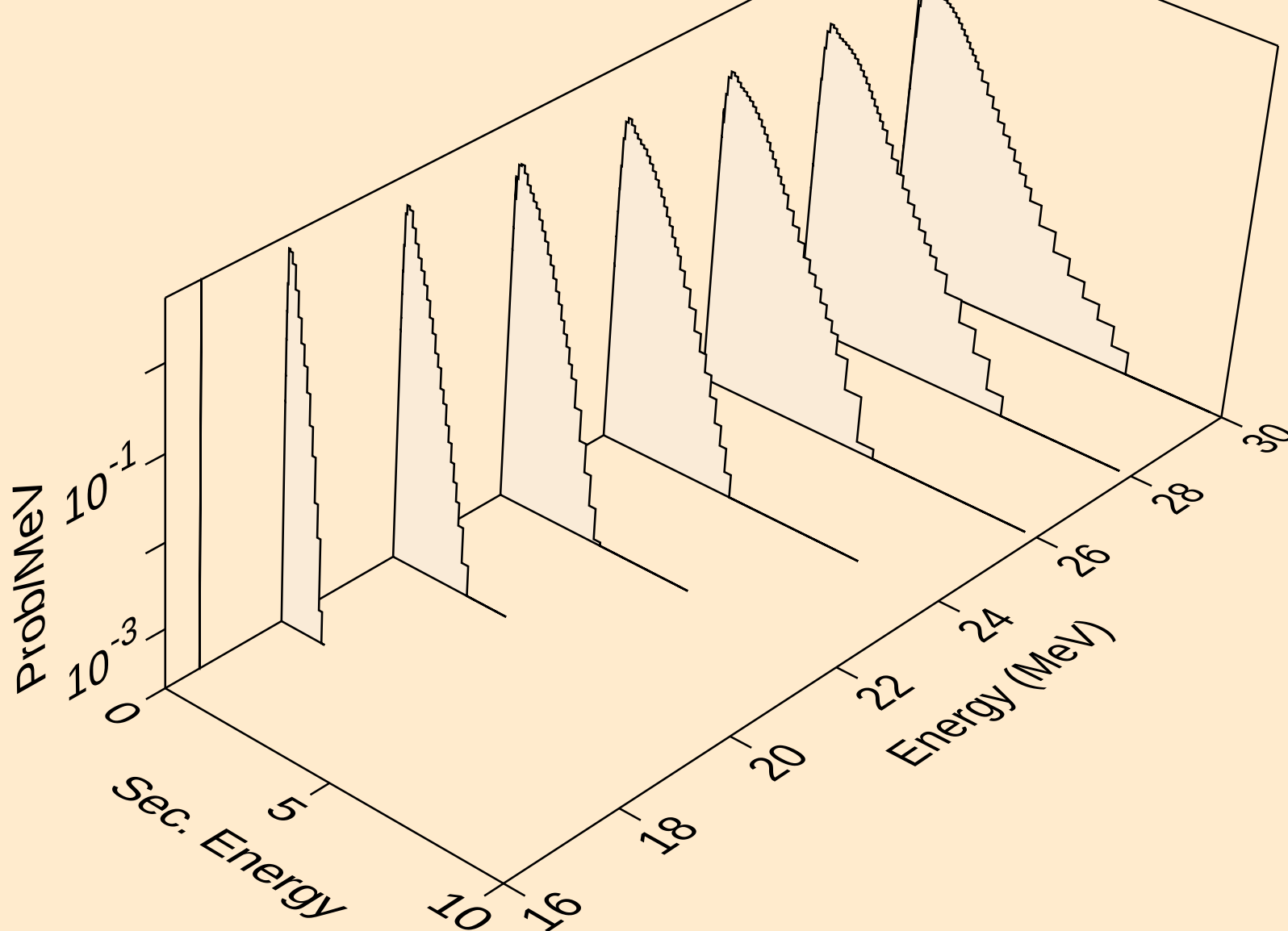
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neutrons from (s,4n)



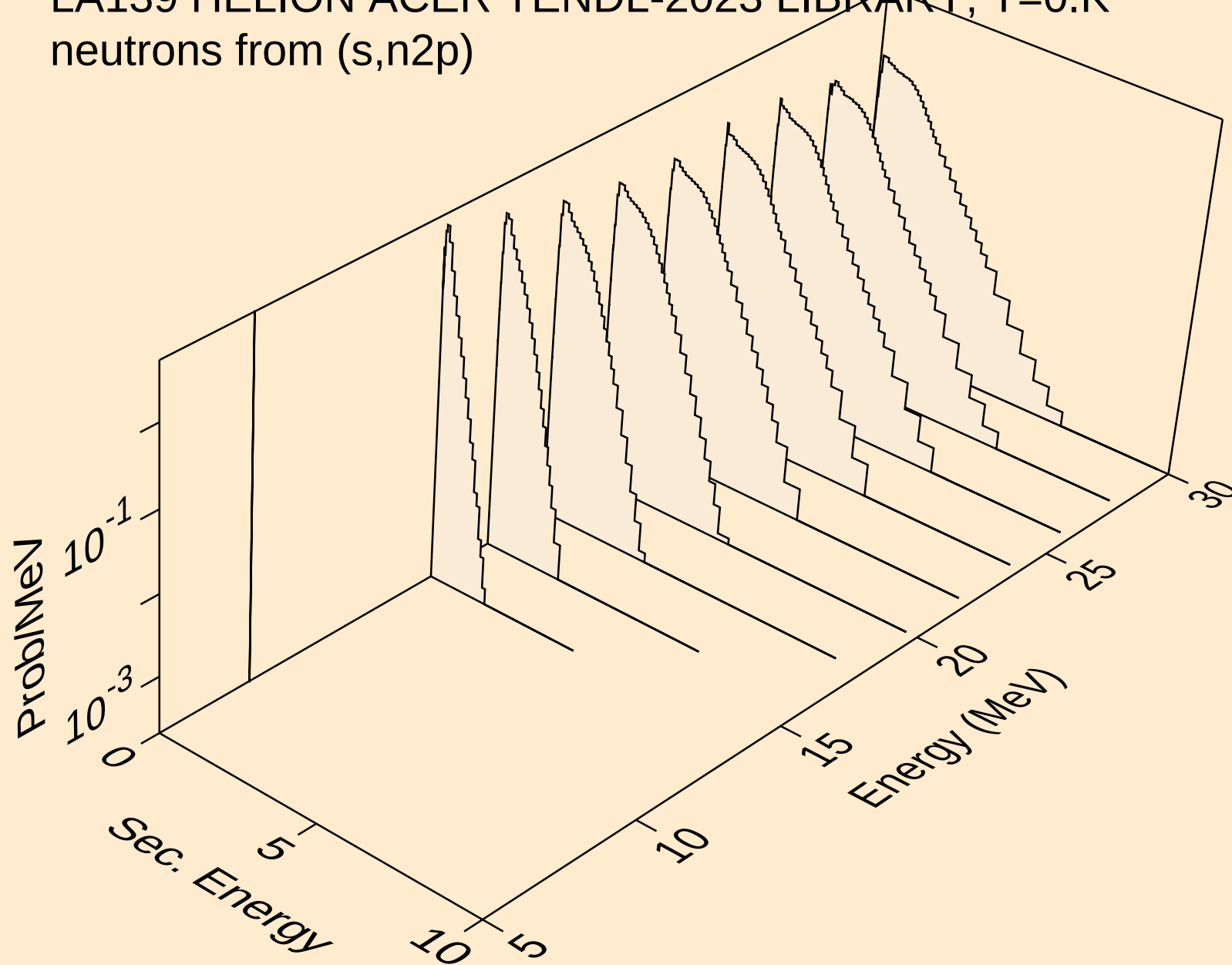
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neutrons from (s,2np)



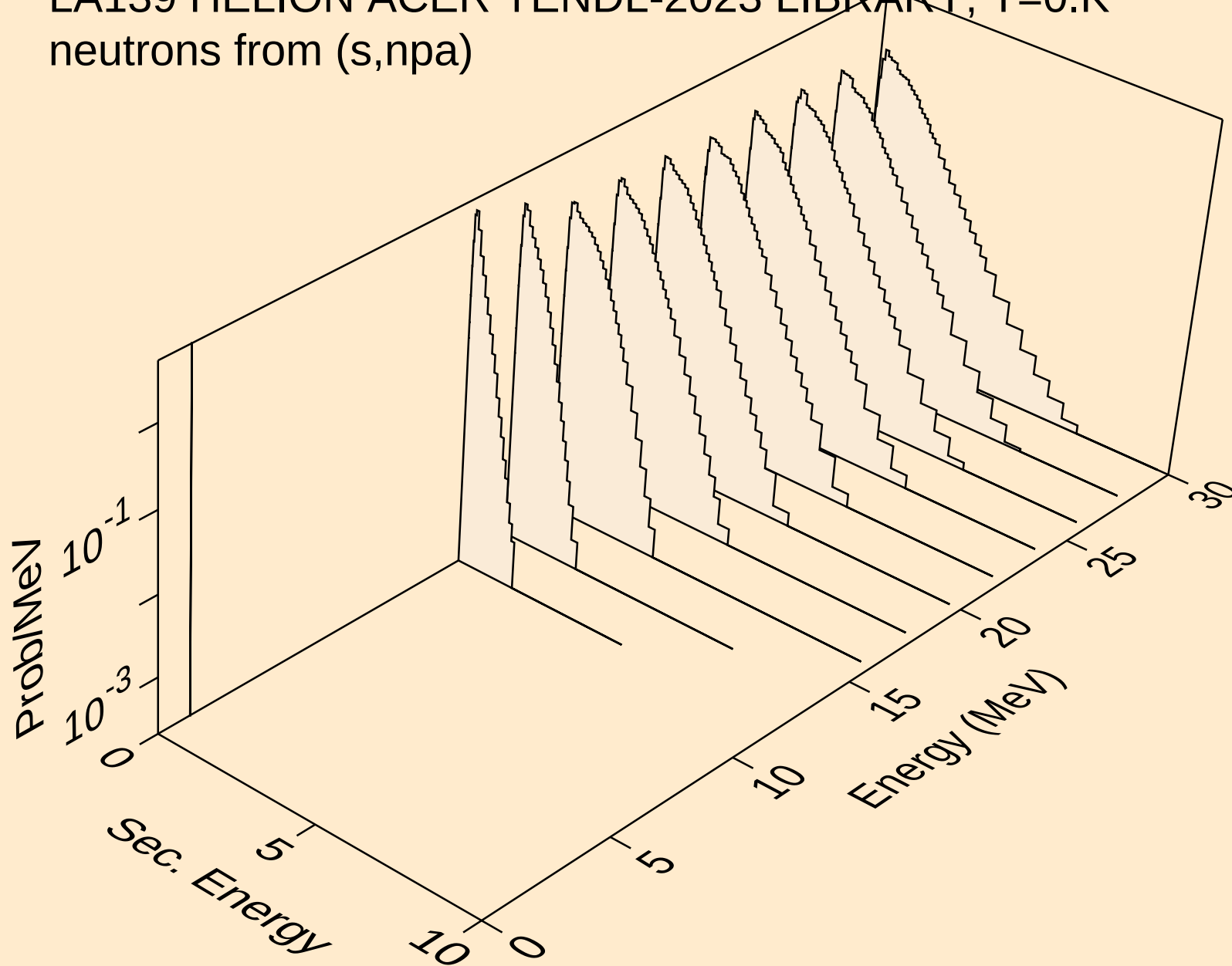
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neutrons from (s,3np)



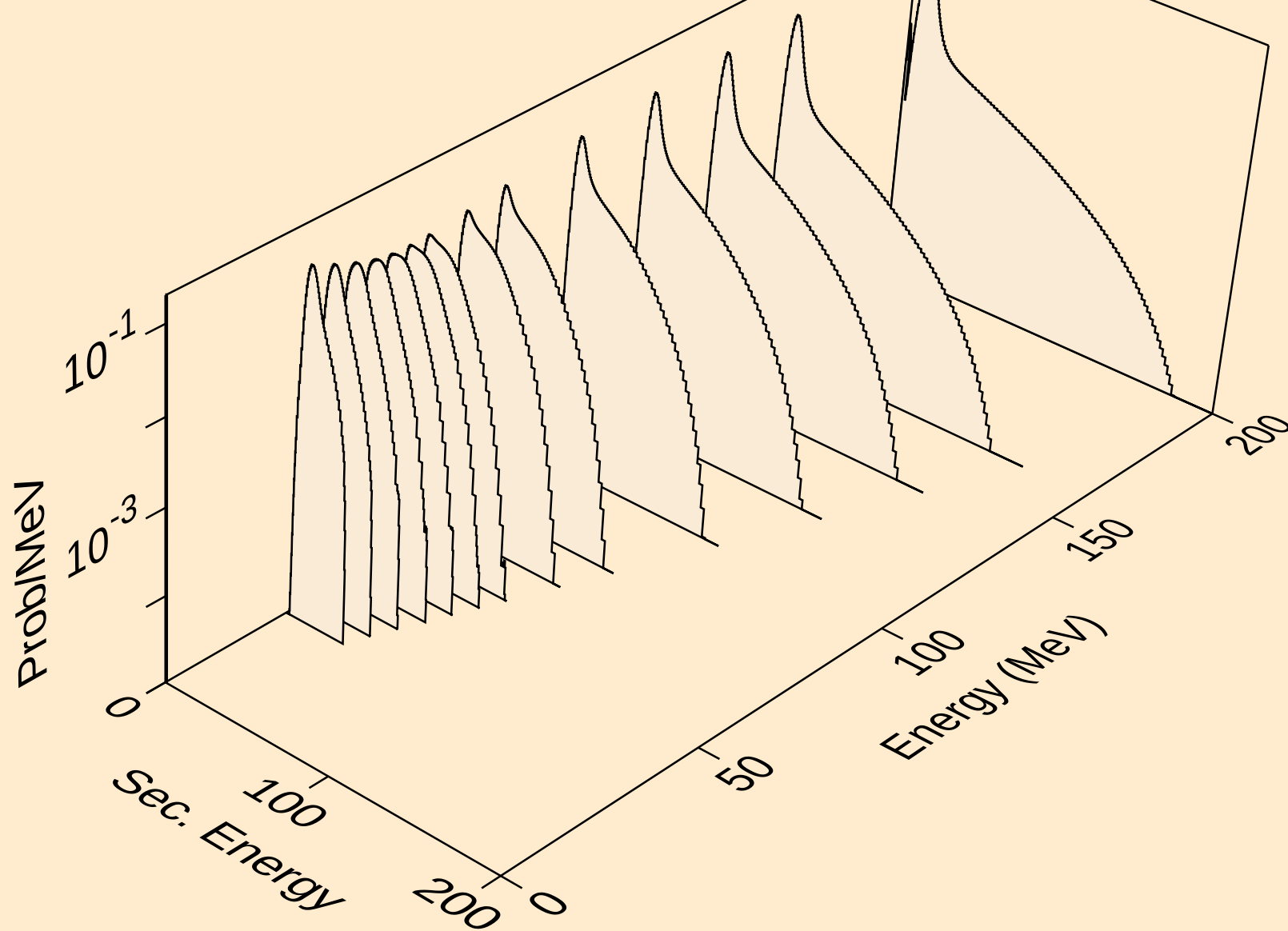
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neutrons from (s,n2p)



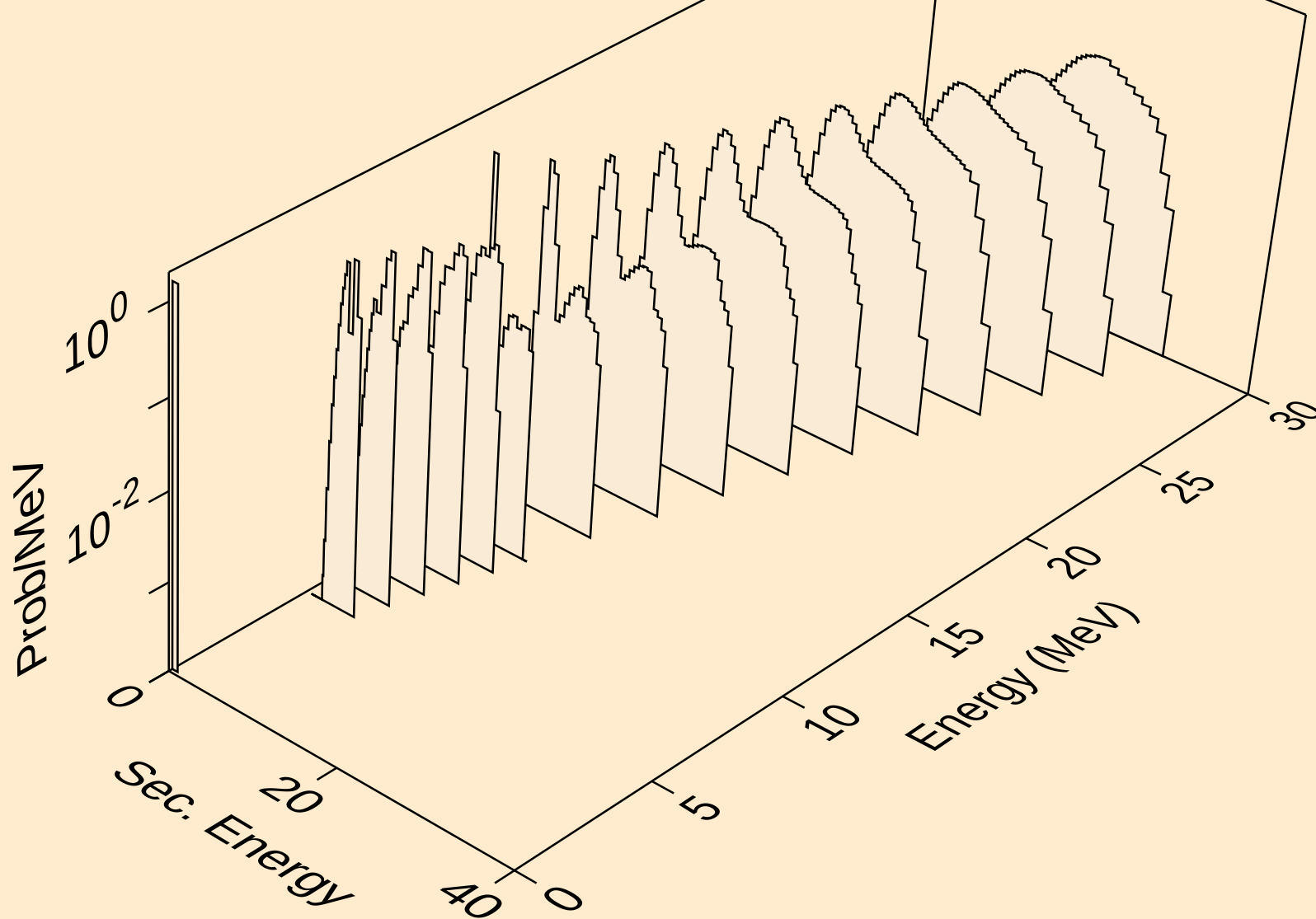
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neutrons from (s,npa)



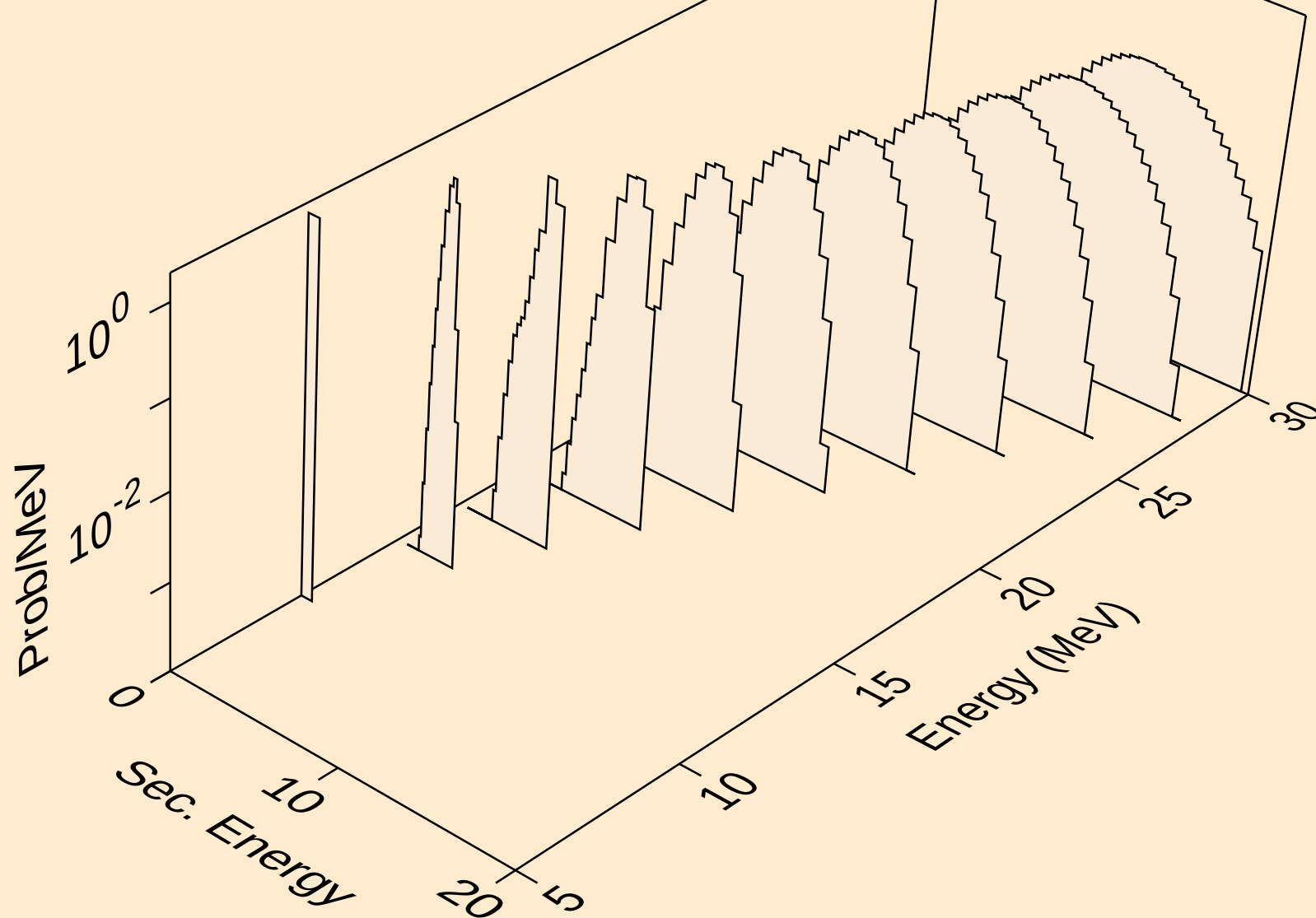
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protons from (s,x)



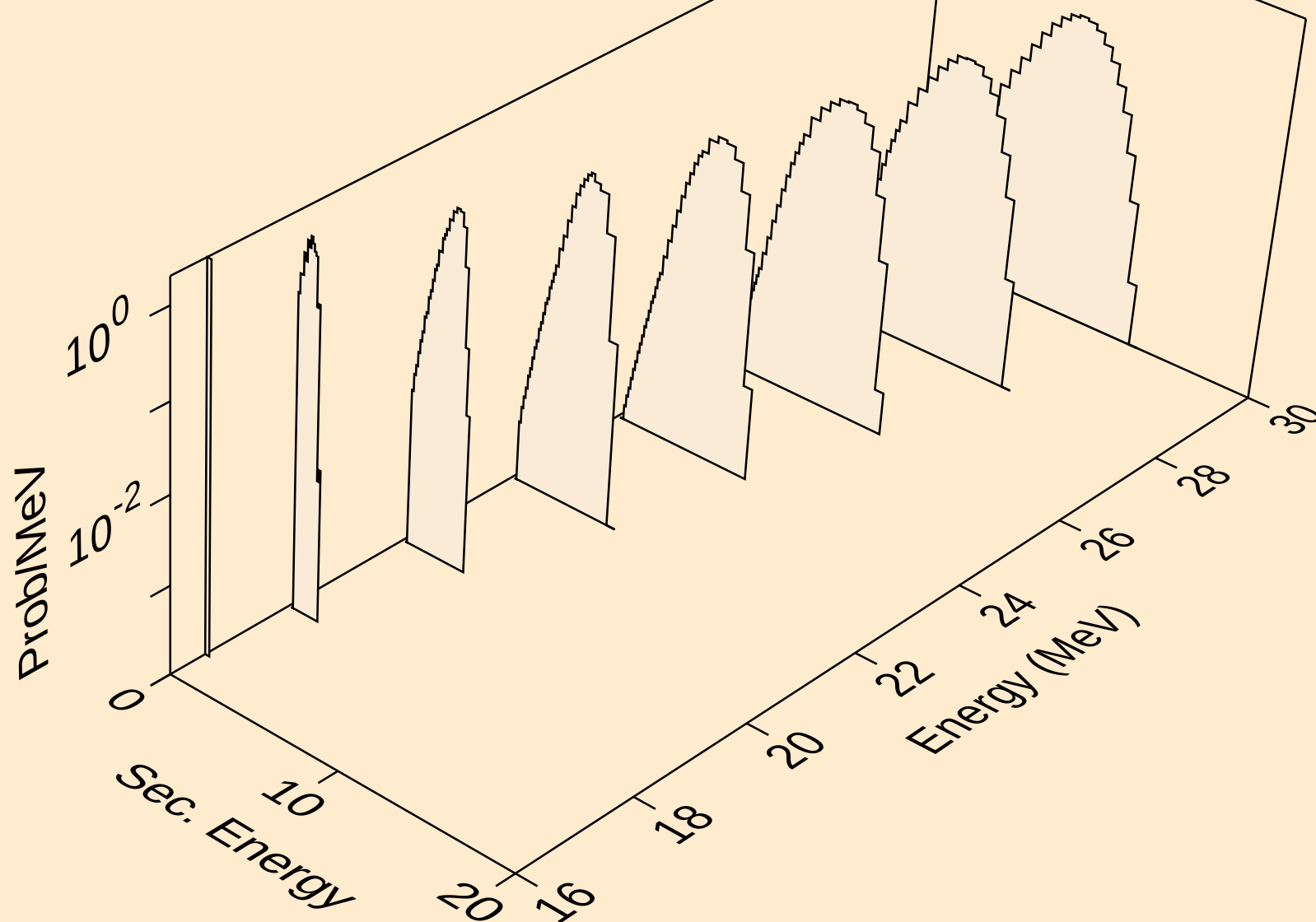
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protons from (s,n*)p



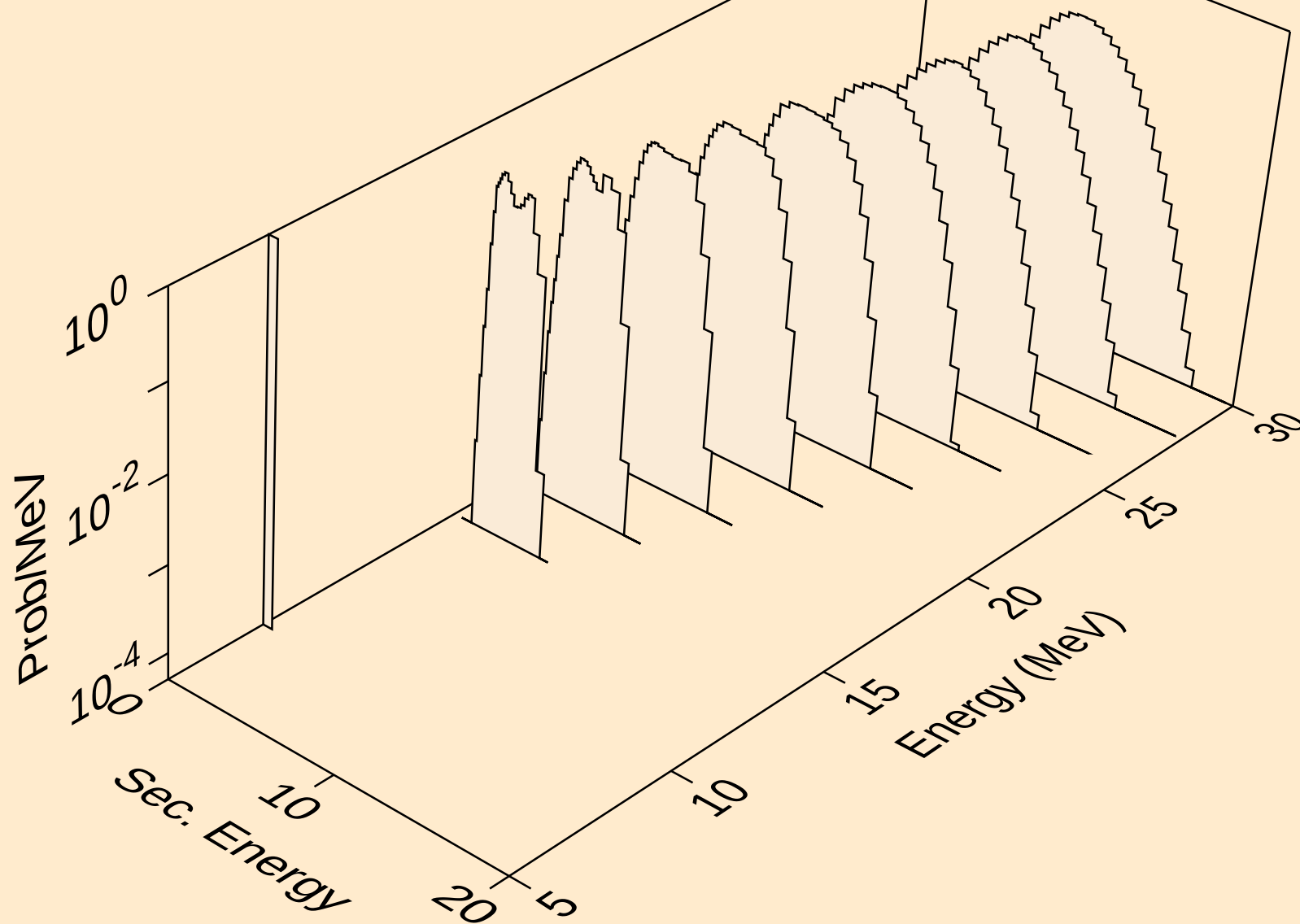
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protons from (s,2np)



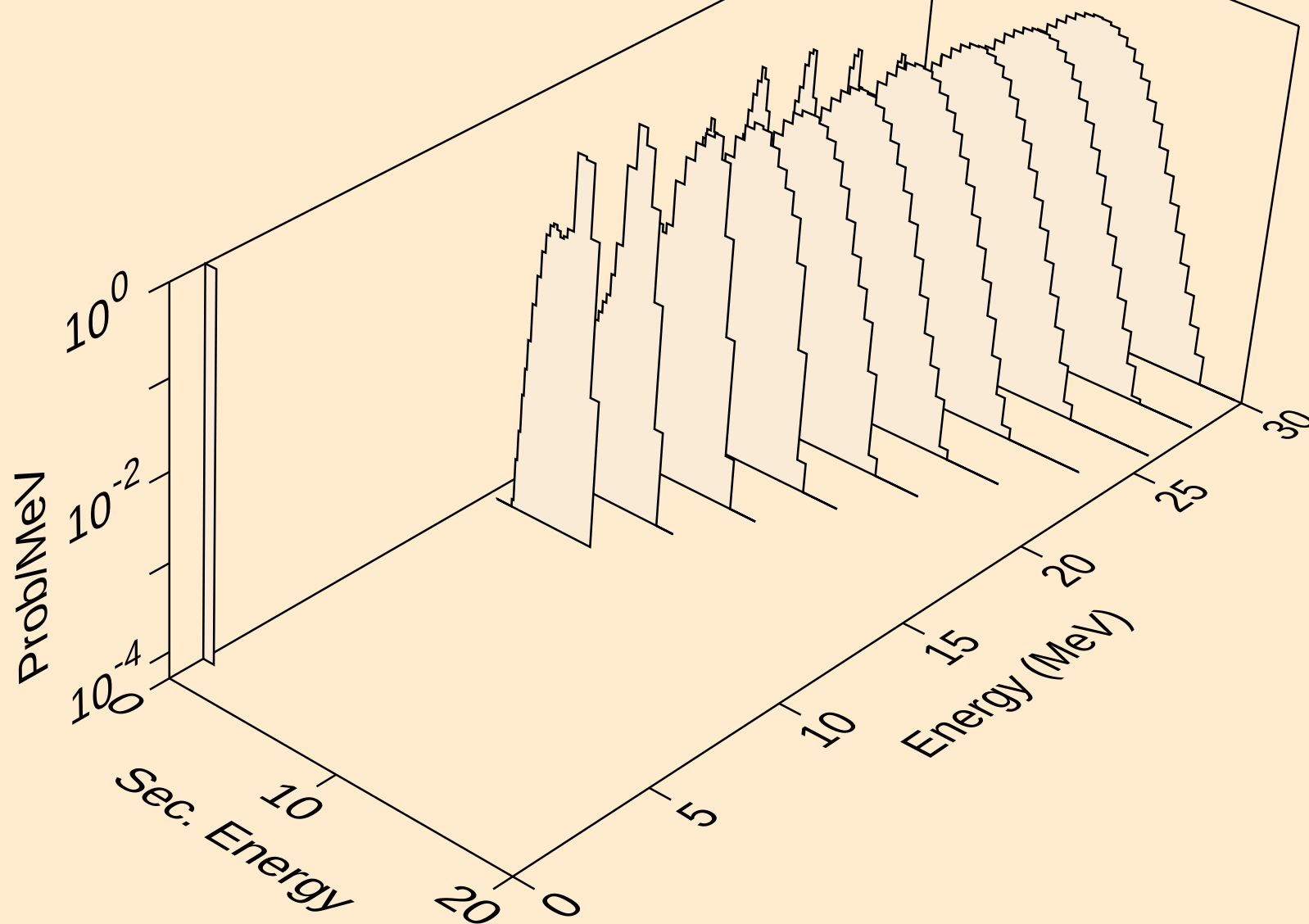
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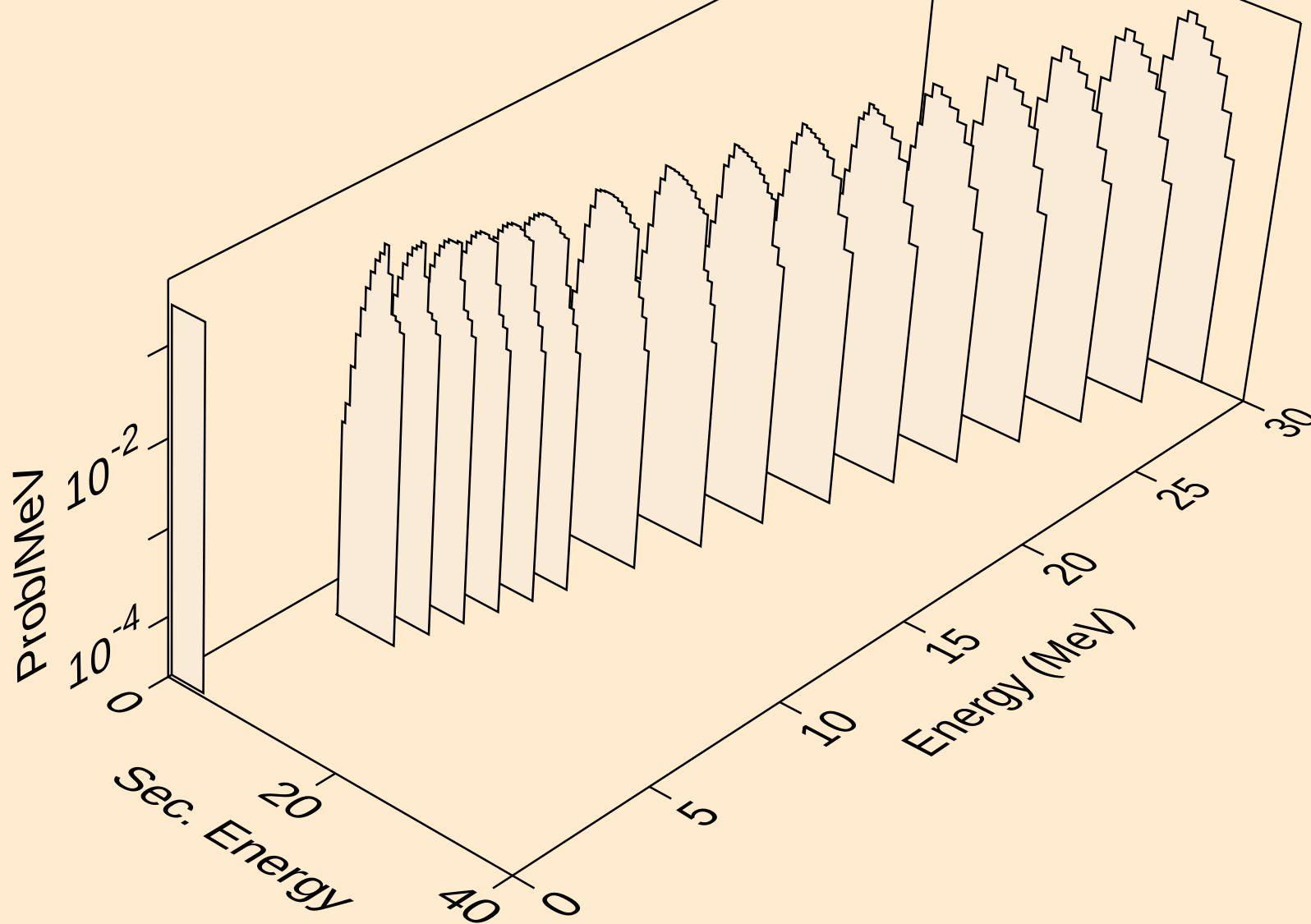
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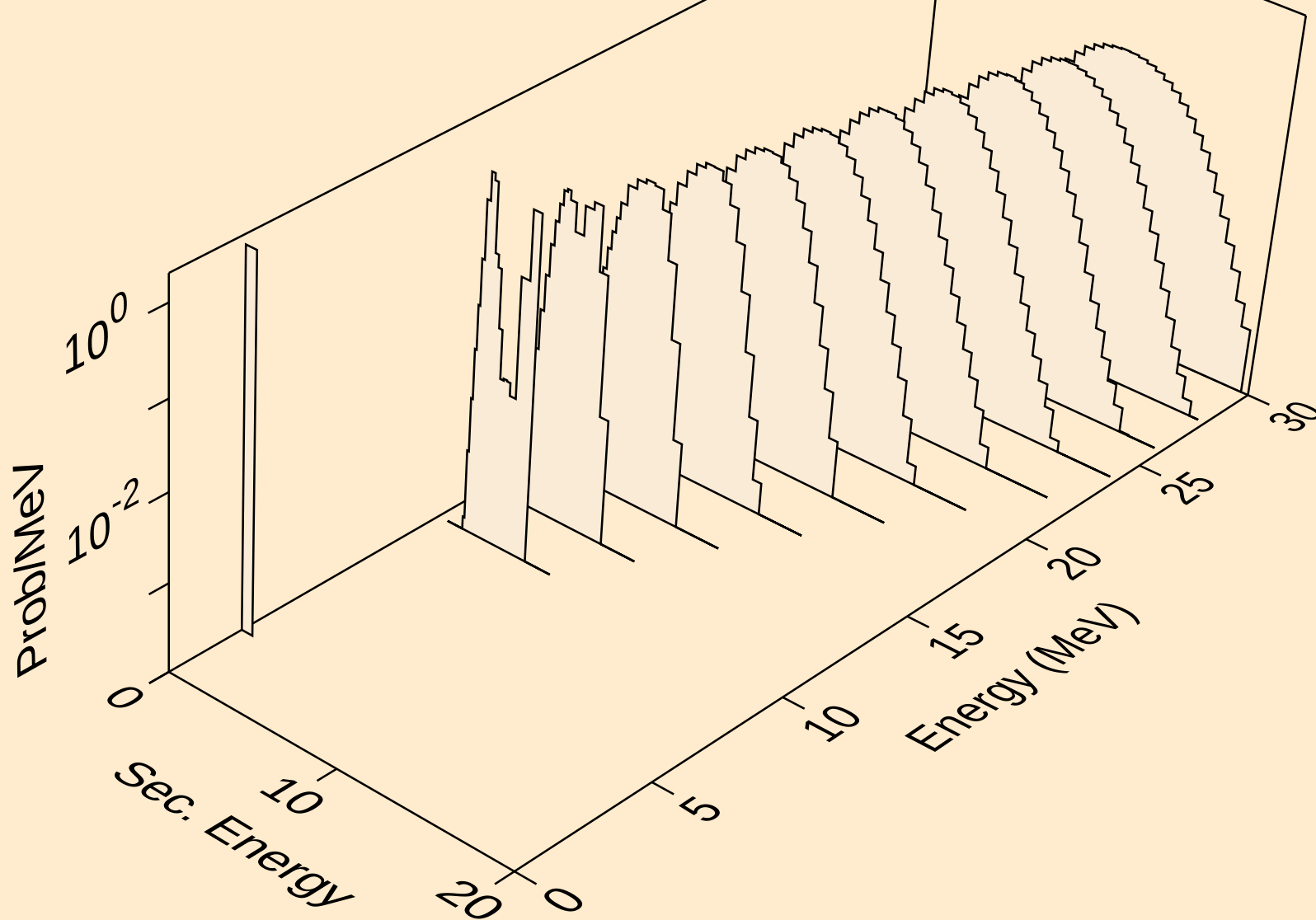
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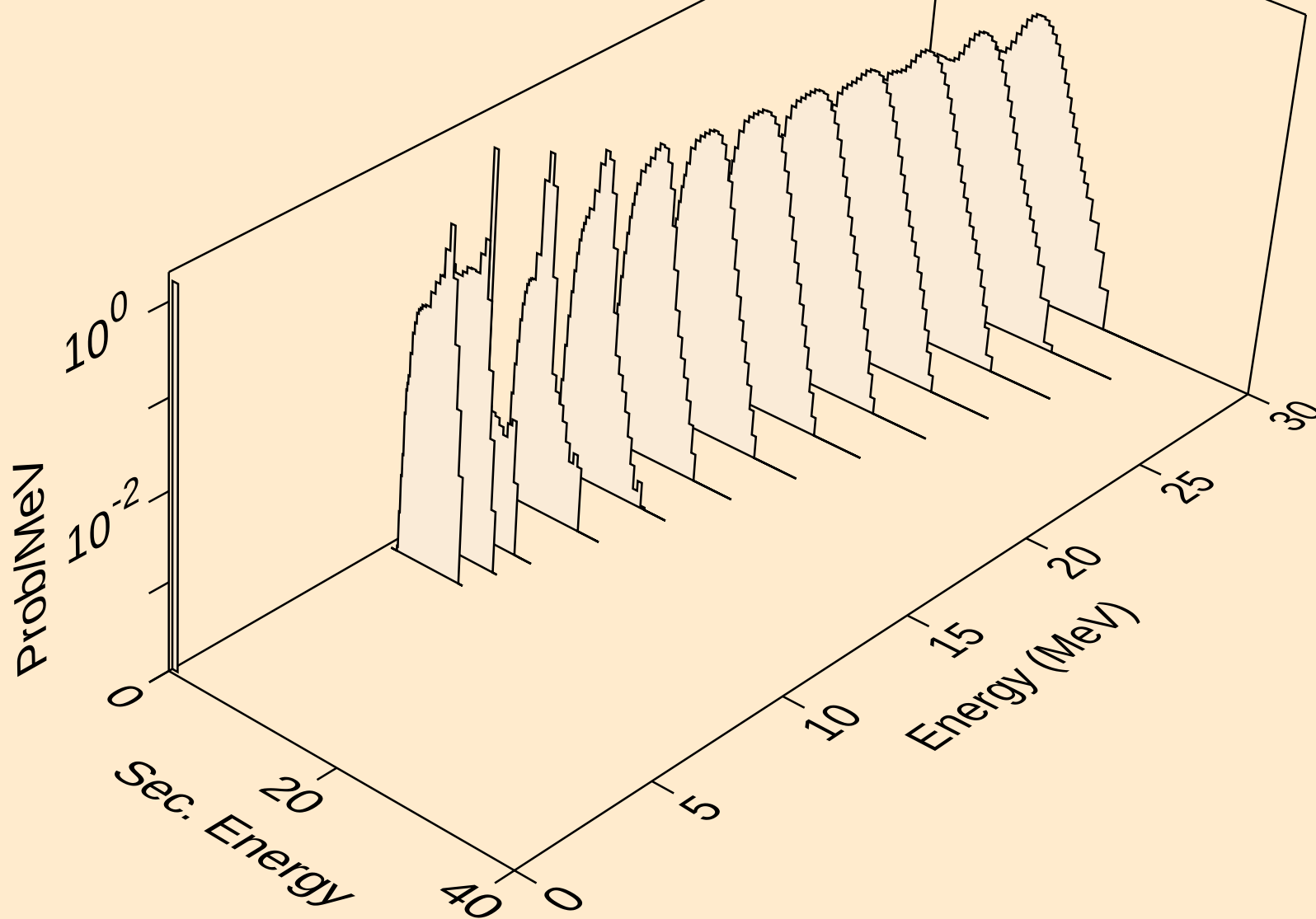
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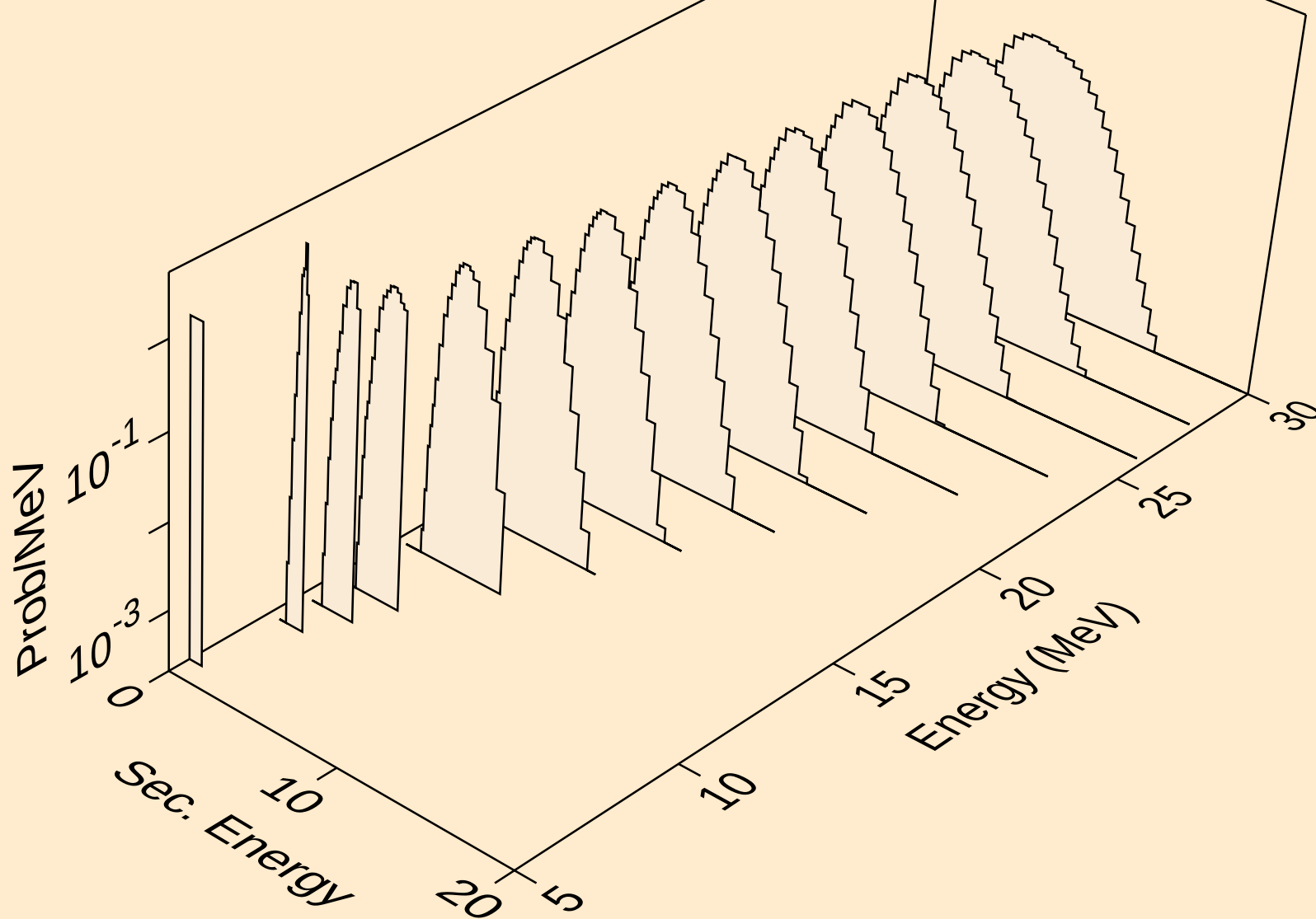
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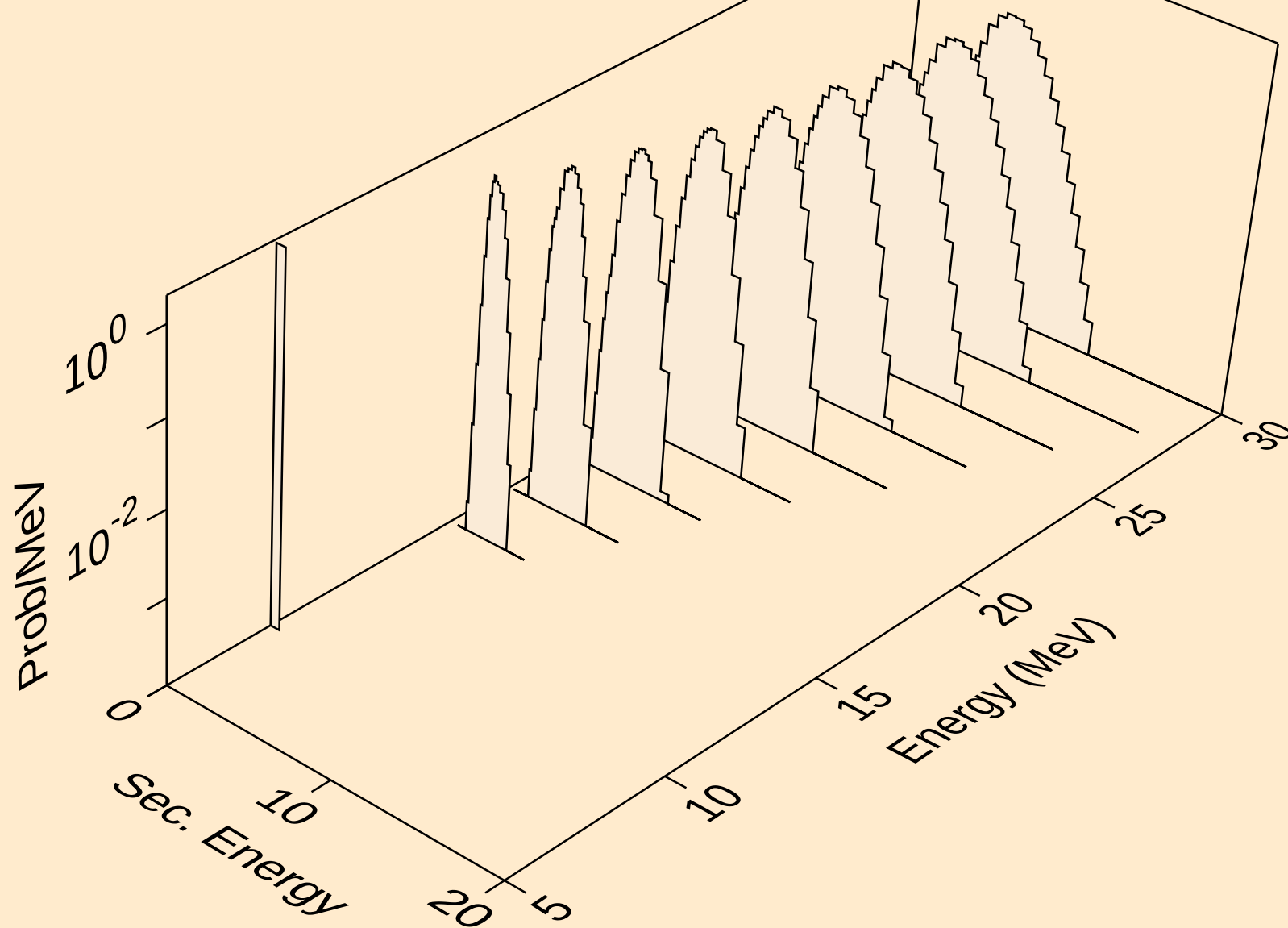
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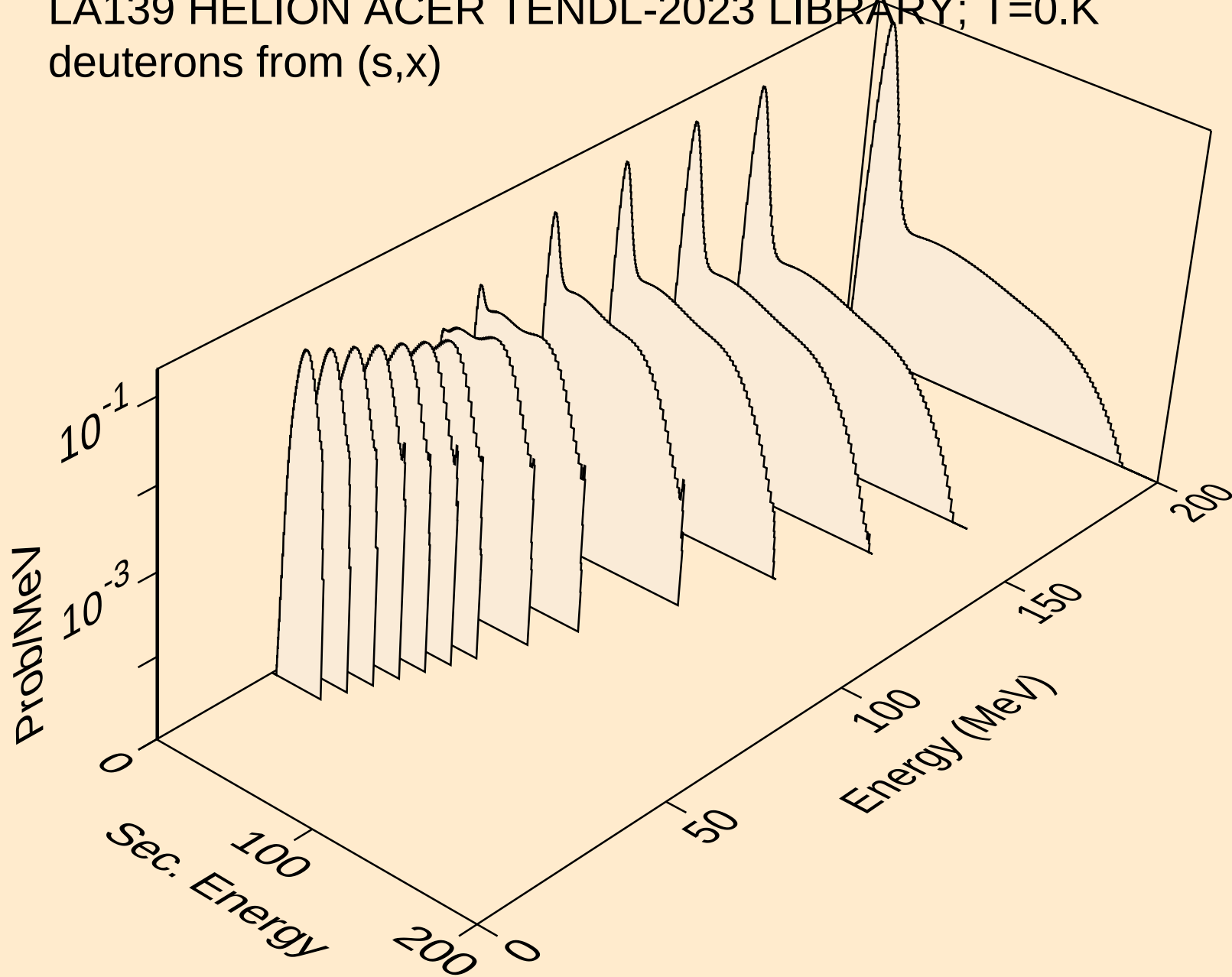
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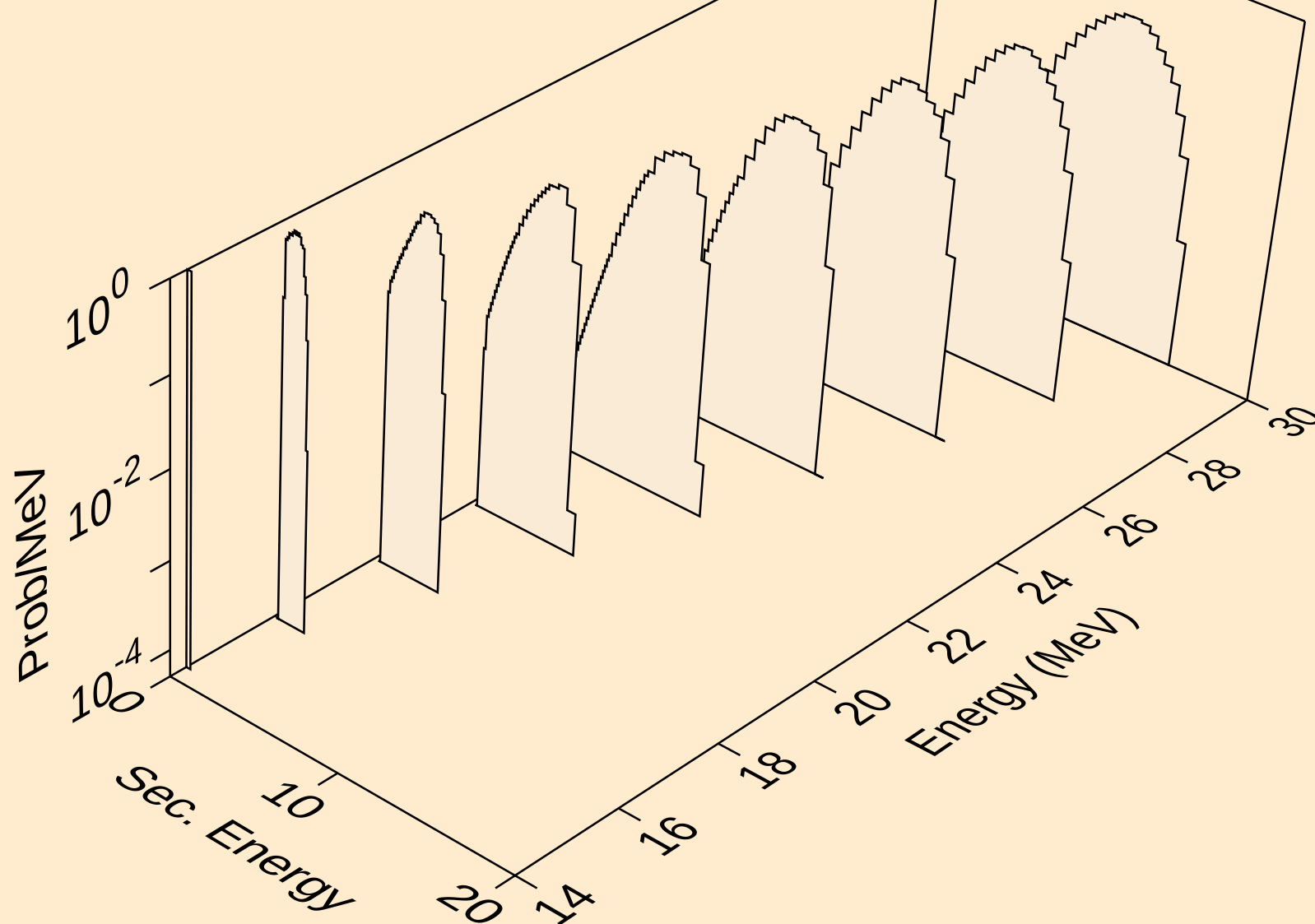
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protons from (s,pt)



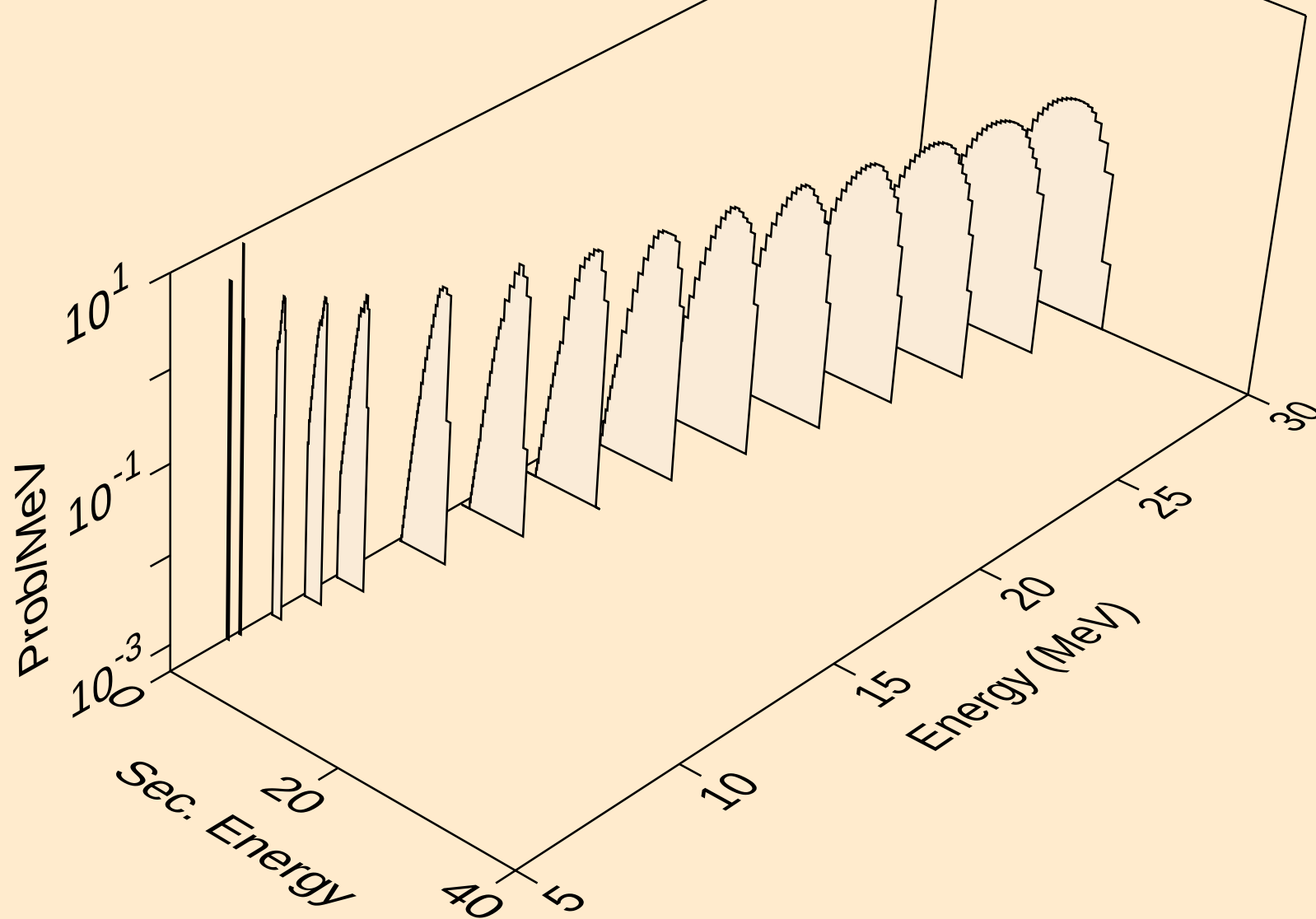
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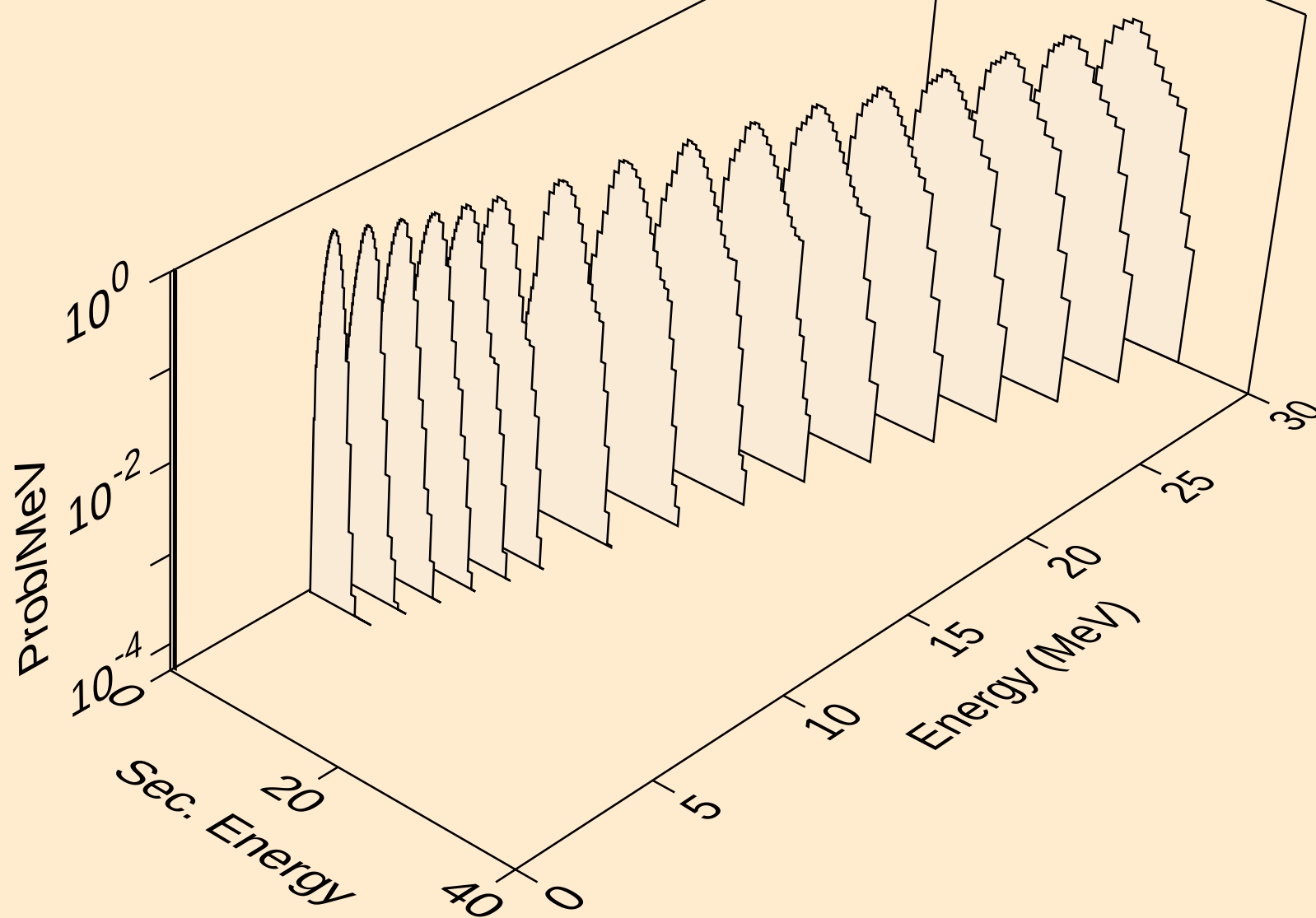
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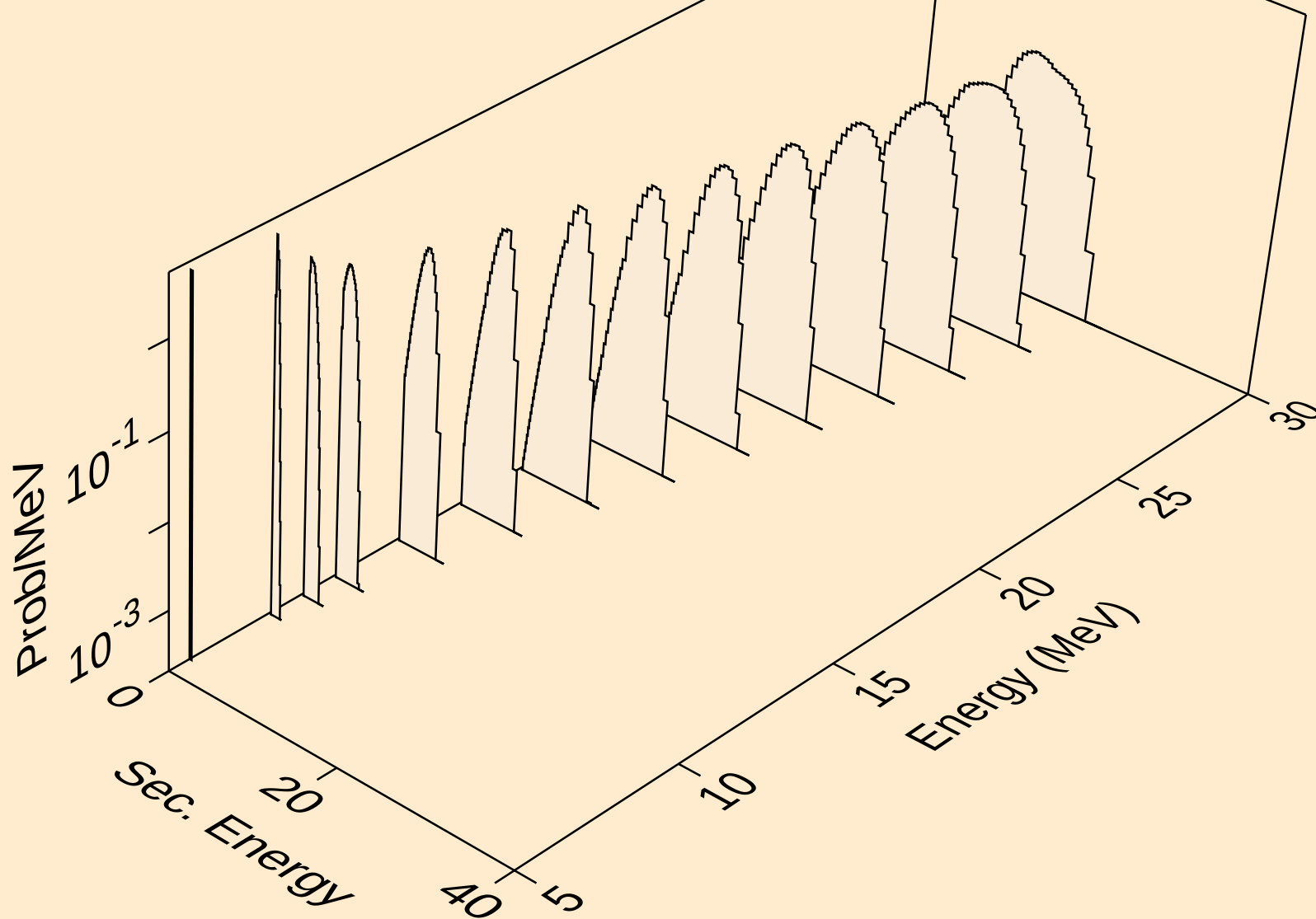
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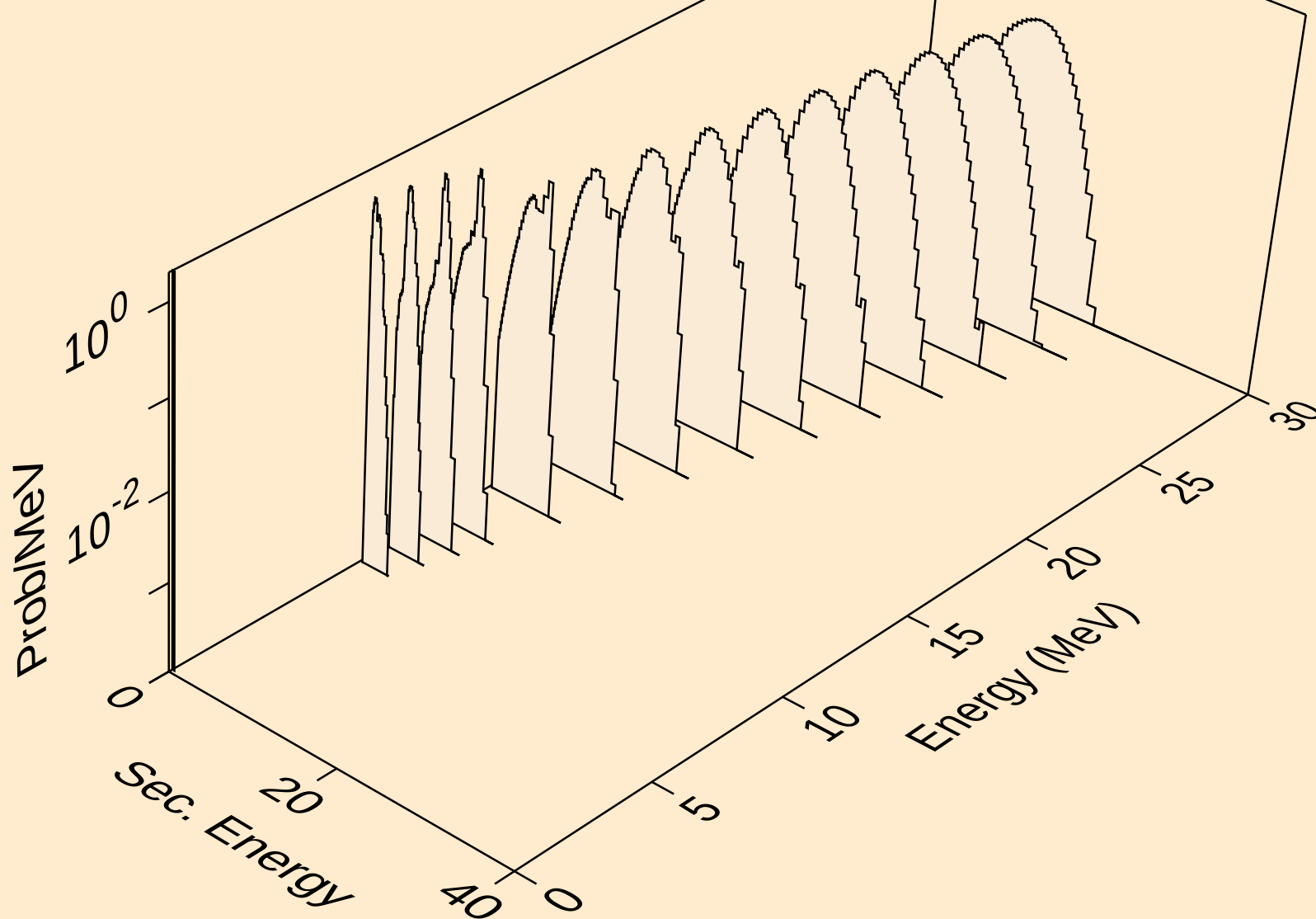
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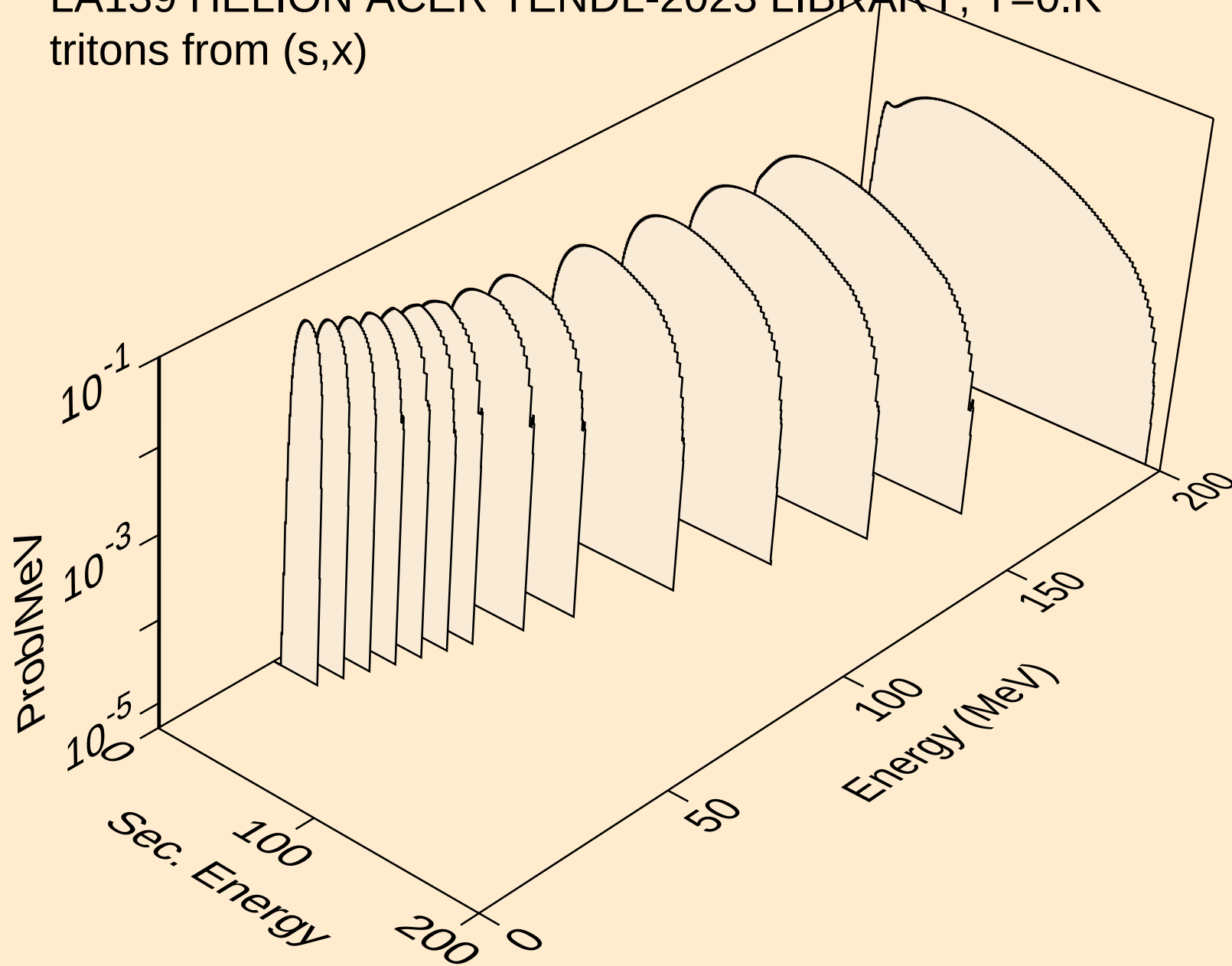
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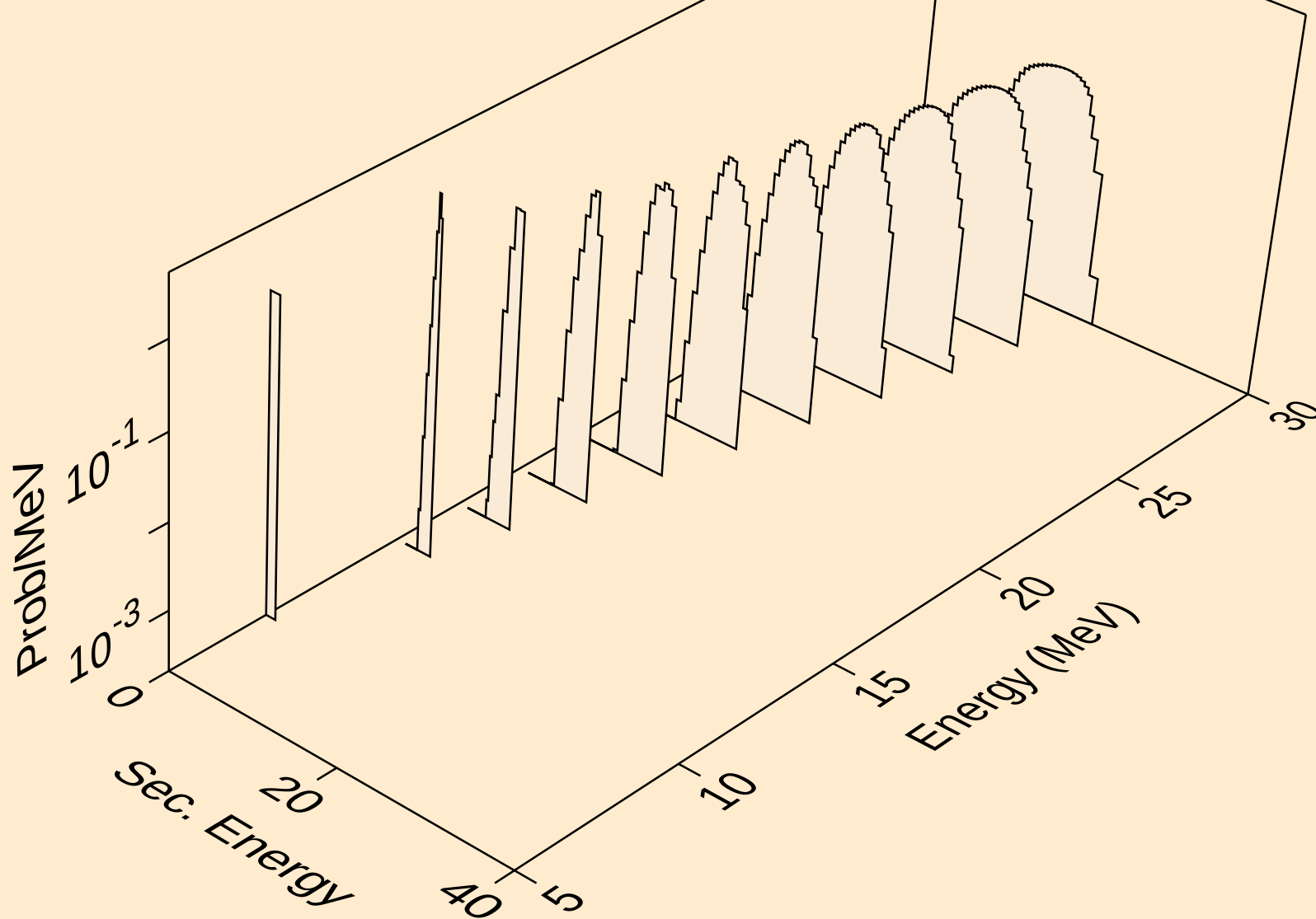
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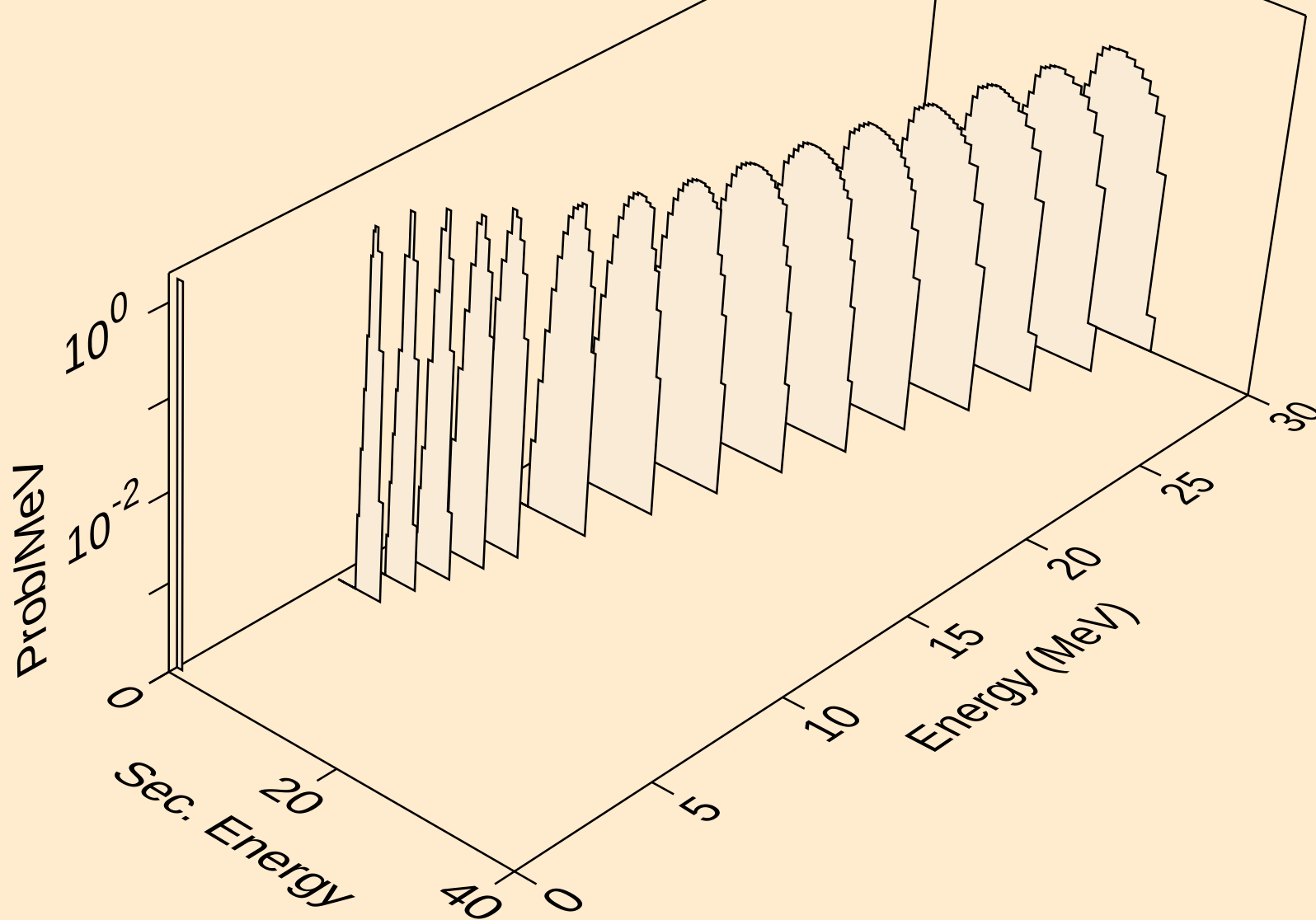
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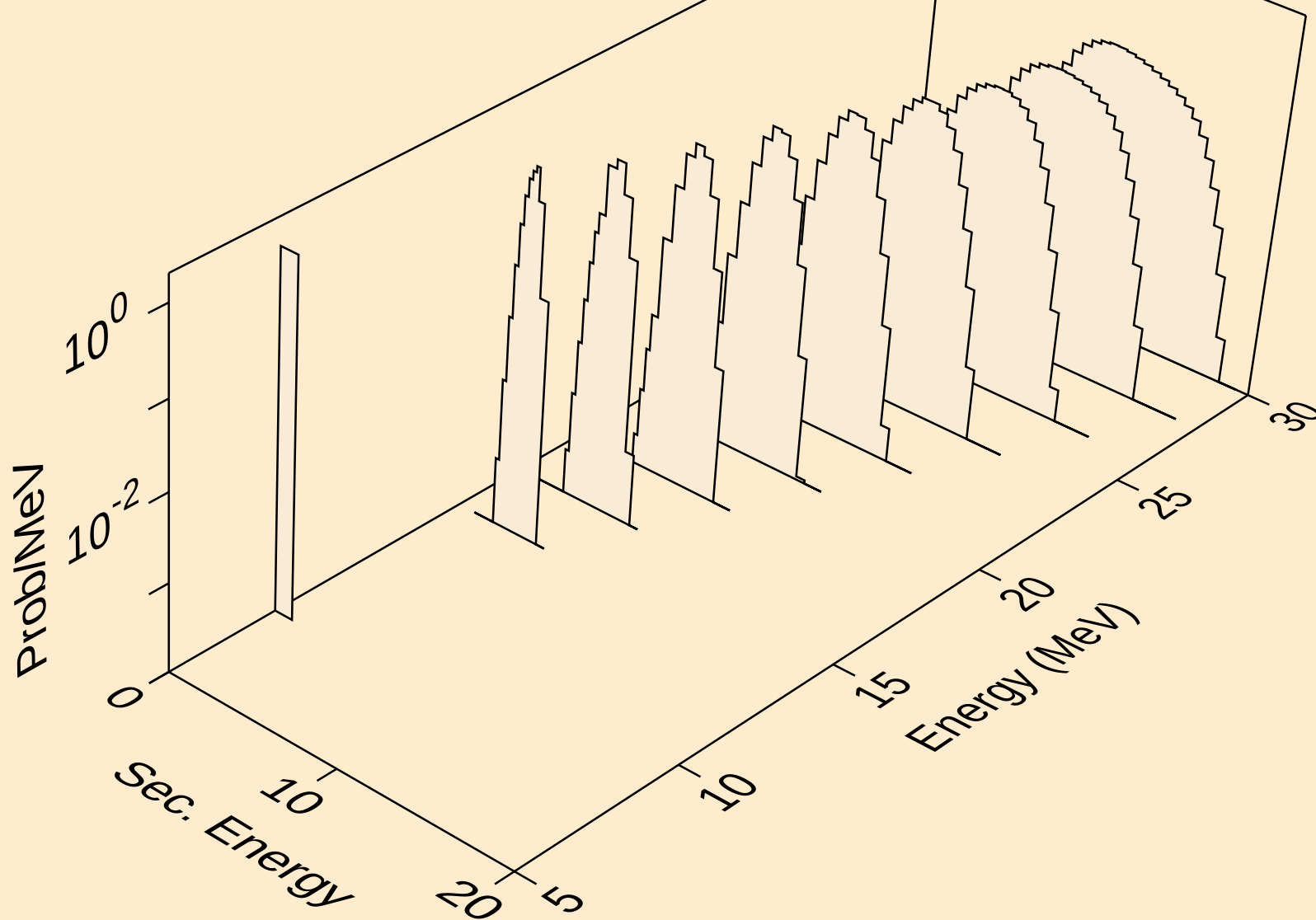
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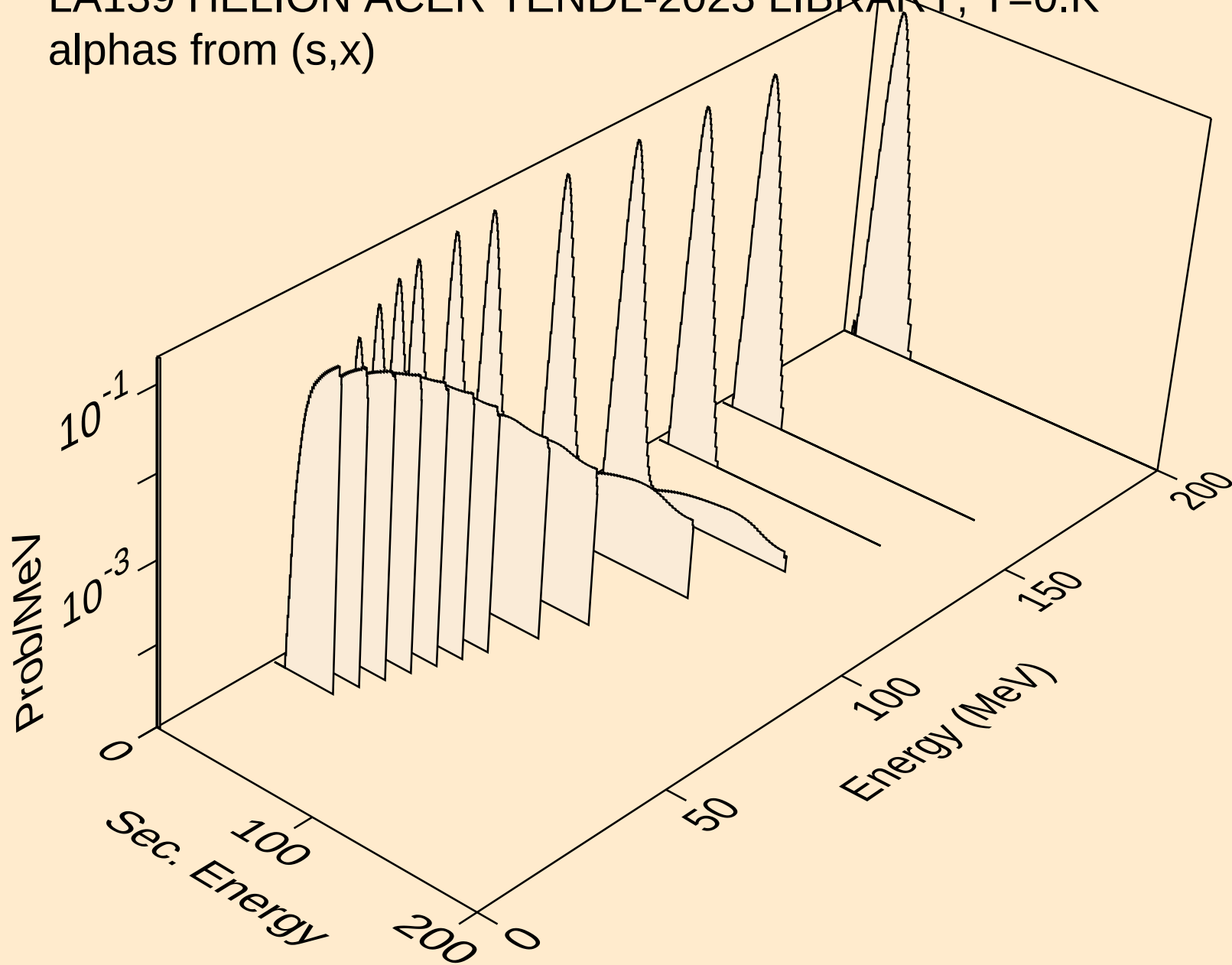
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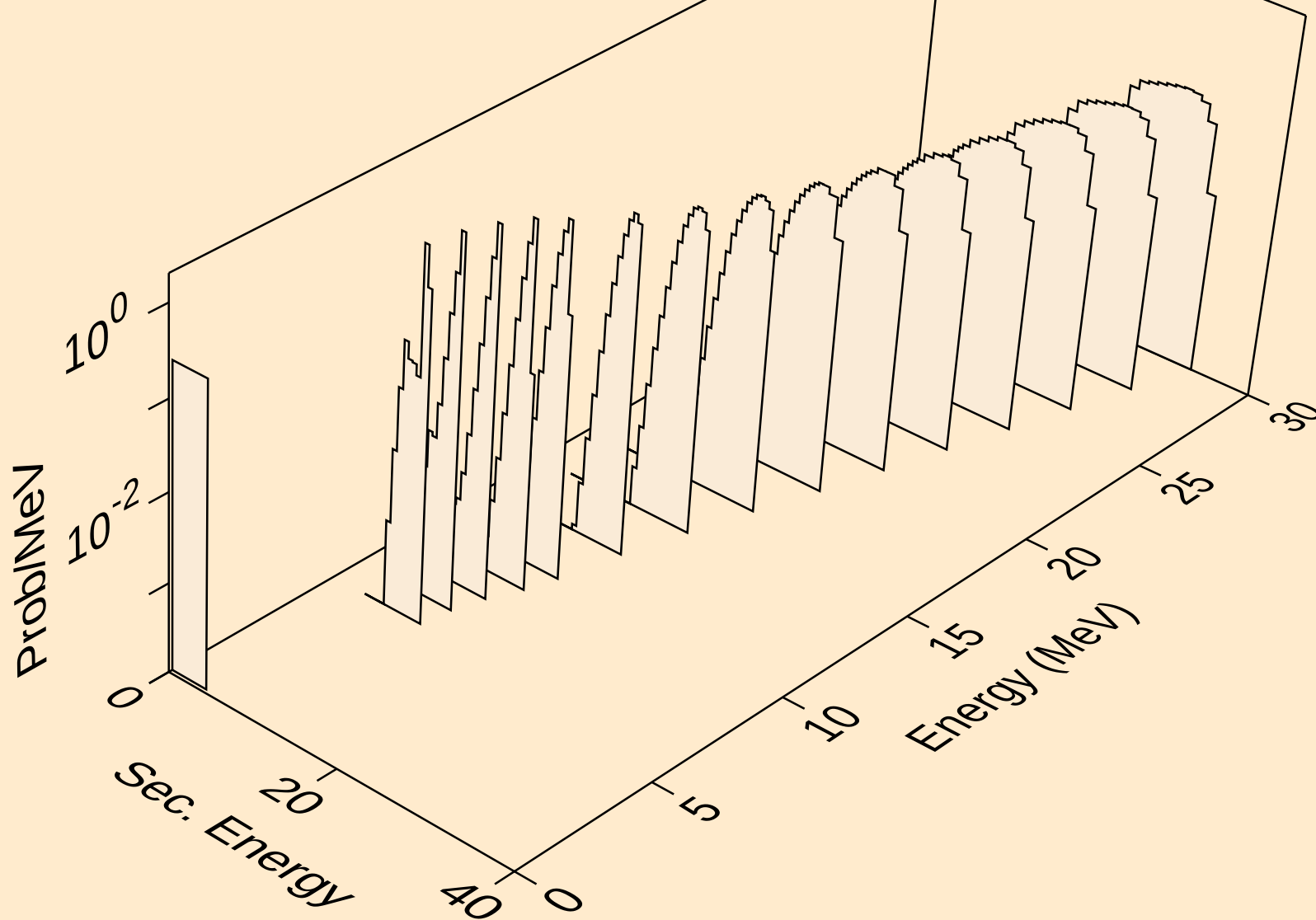
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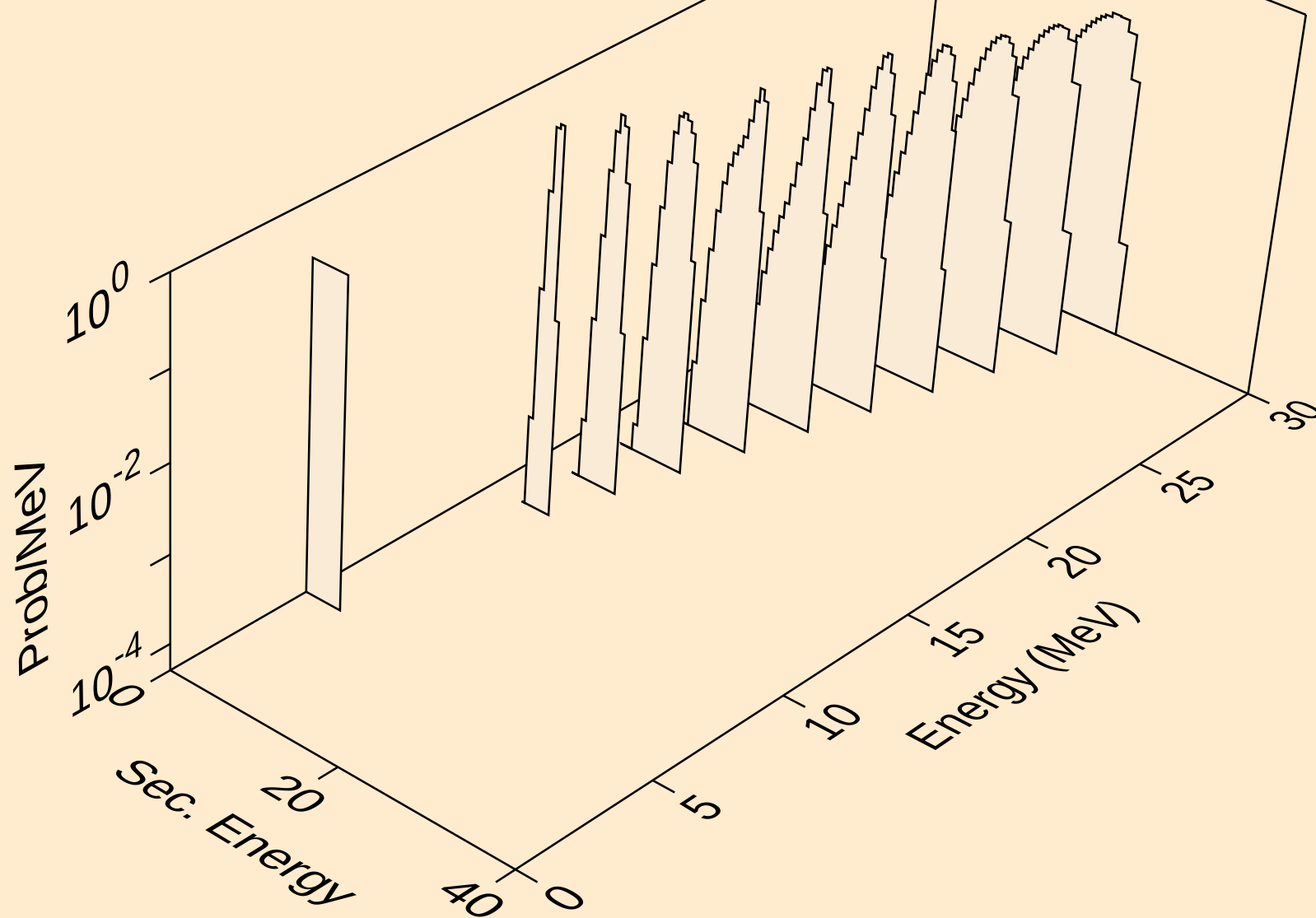
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alphas from (s,x)



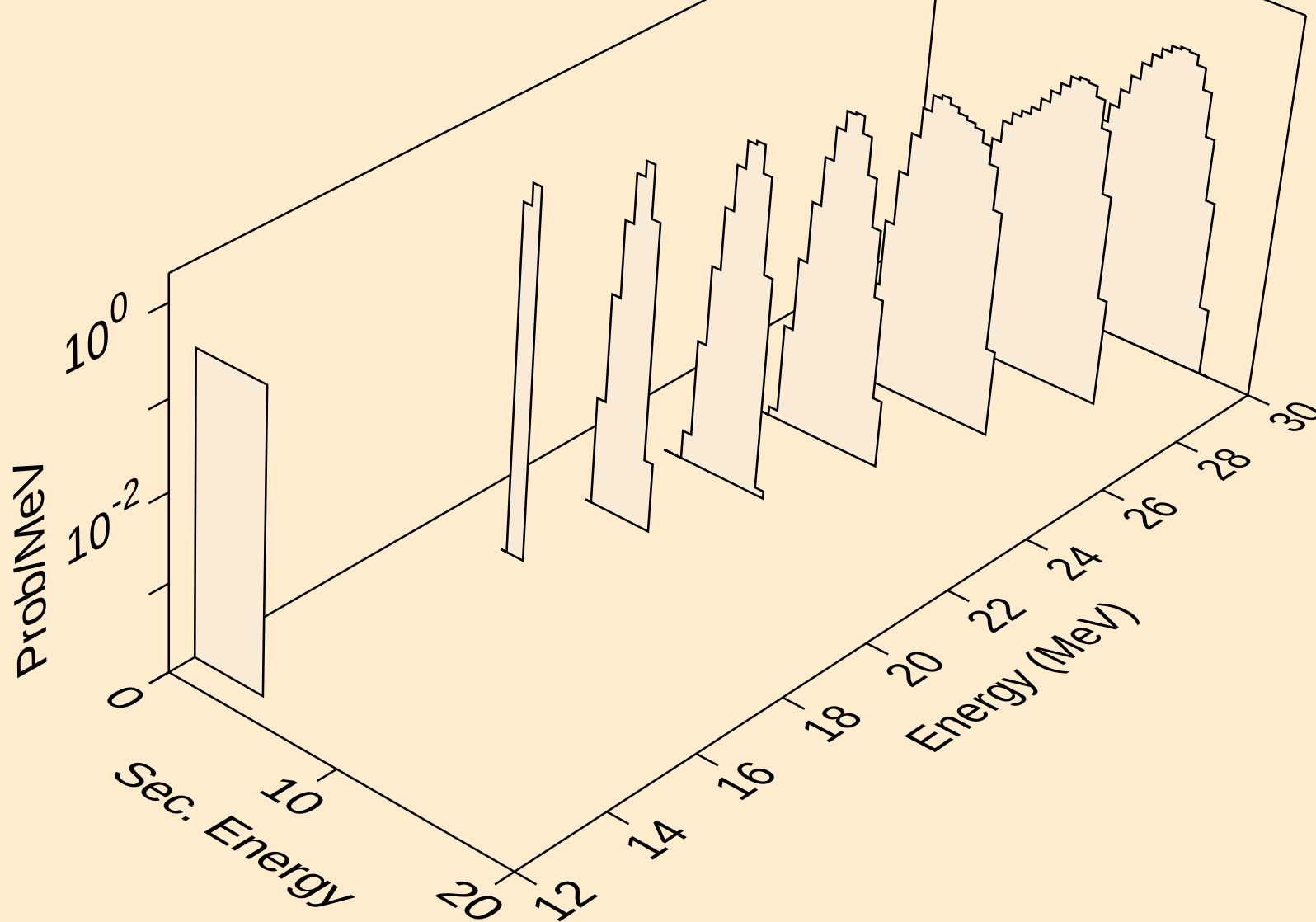
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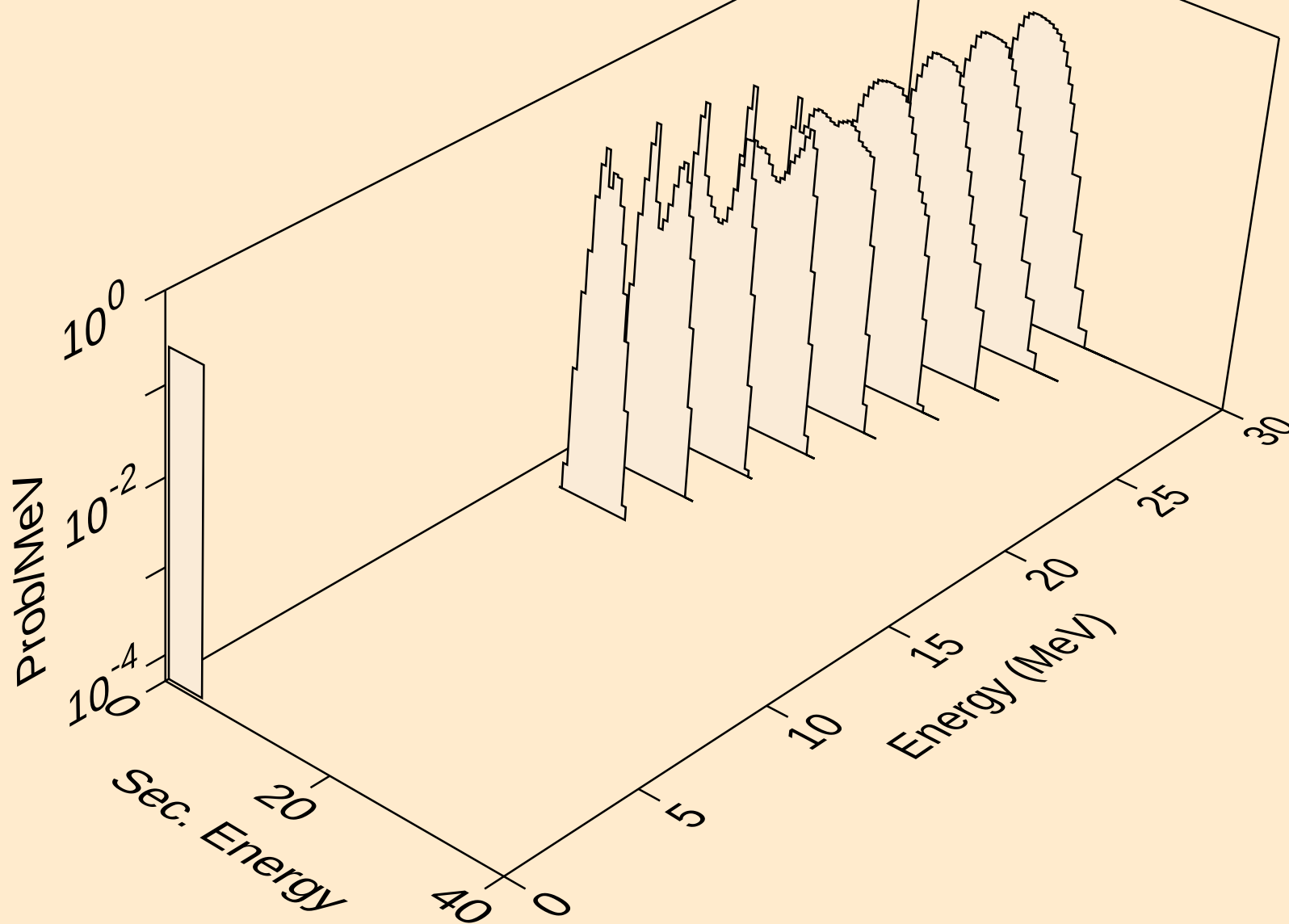
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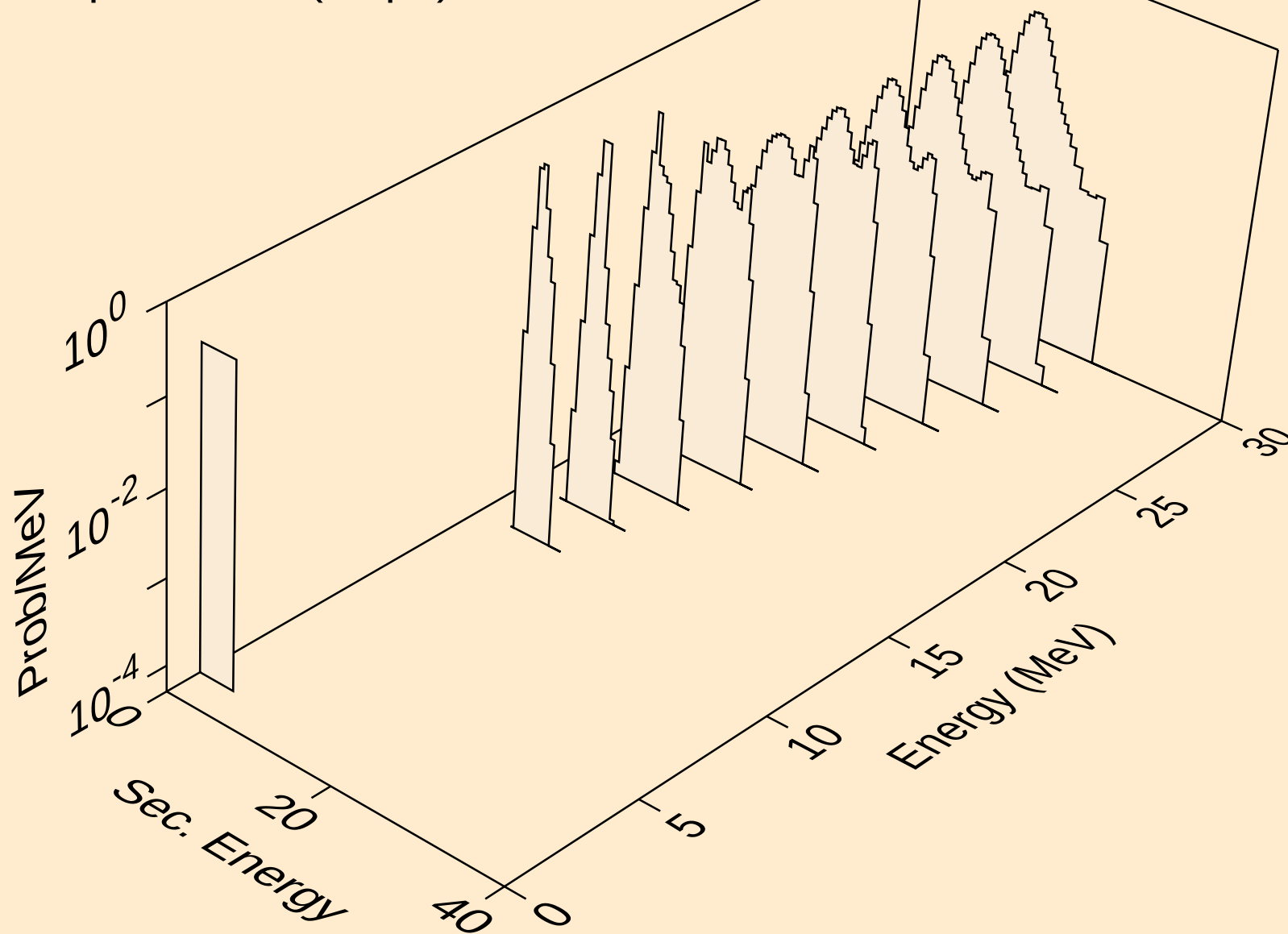
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alphas from (s,3n)a



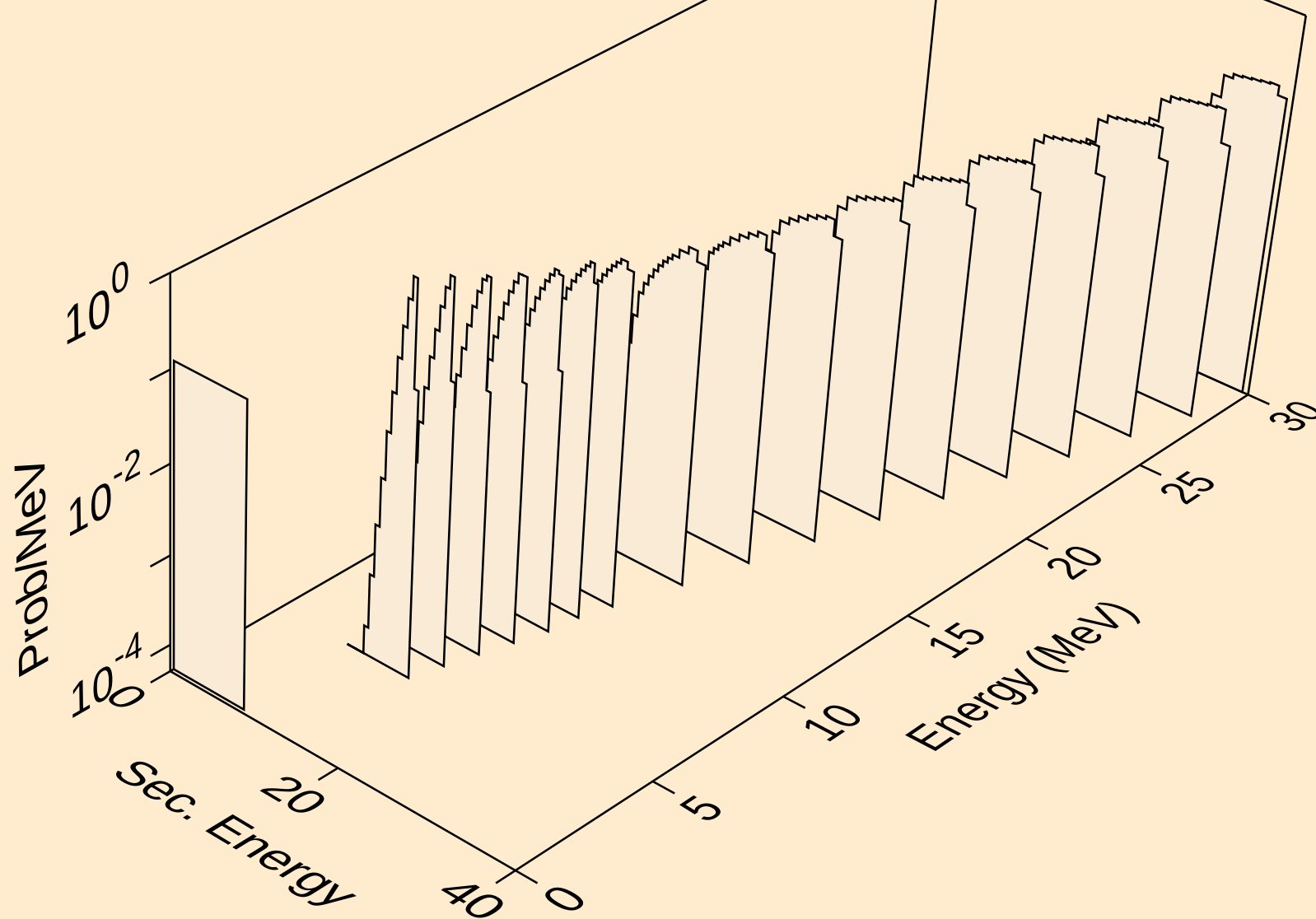
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alphas from (s,n*)2a



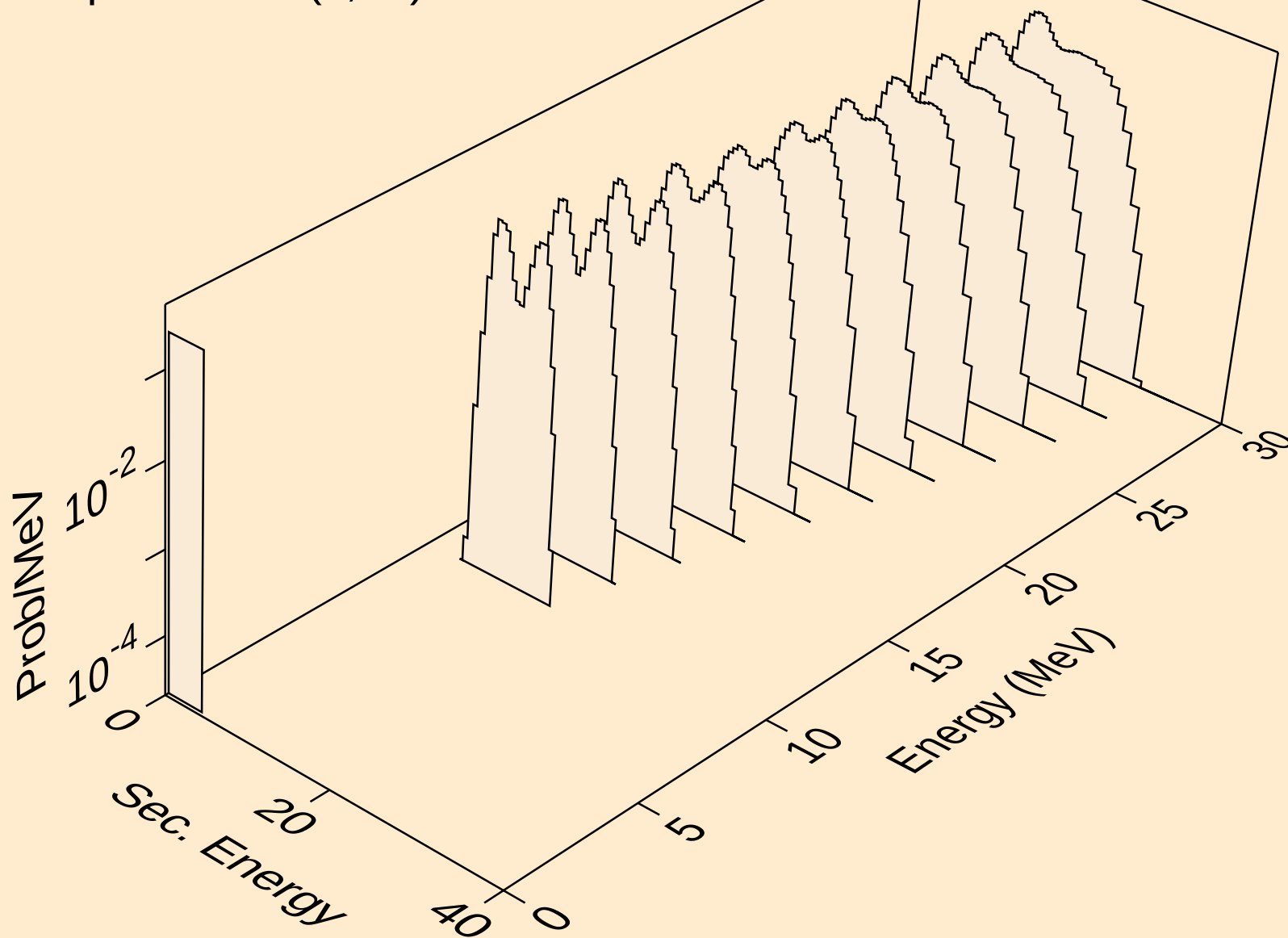
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alphas from (s,npa)



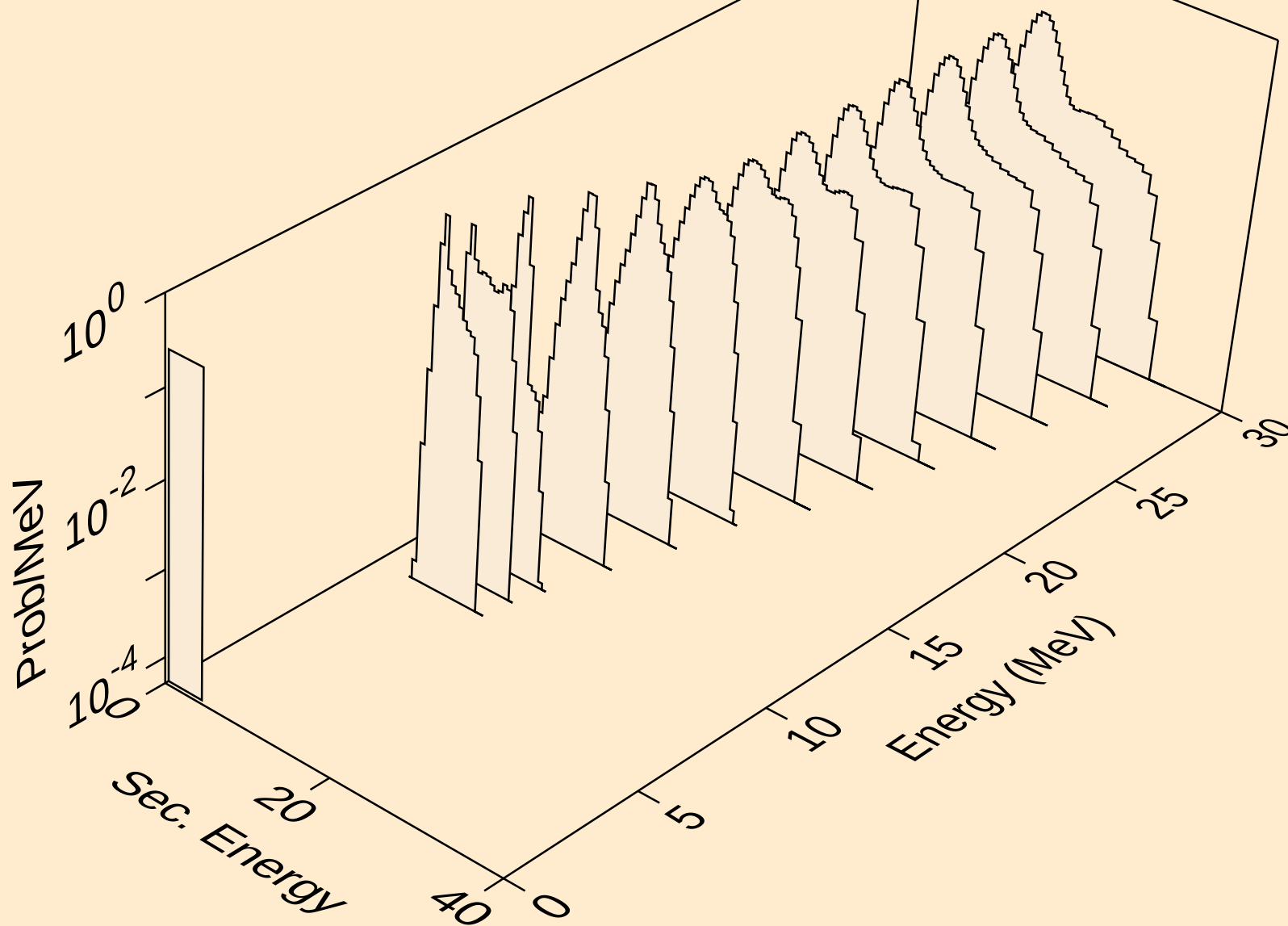
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alphas from (s,a)



LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2a)



LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,pa)



LA139 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,da)

