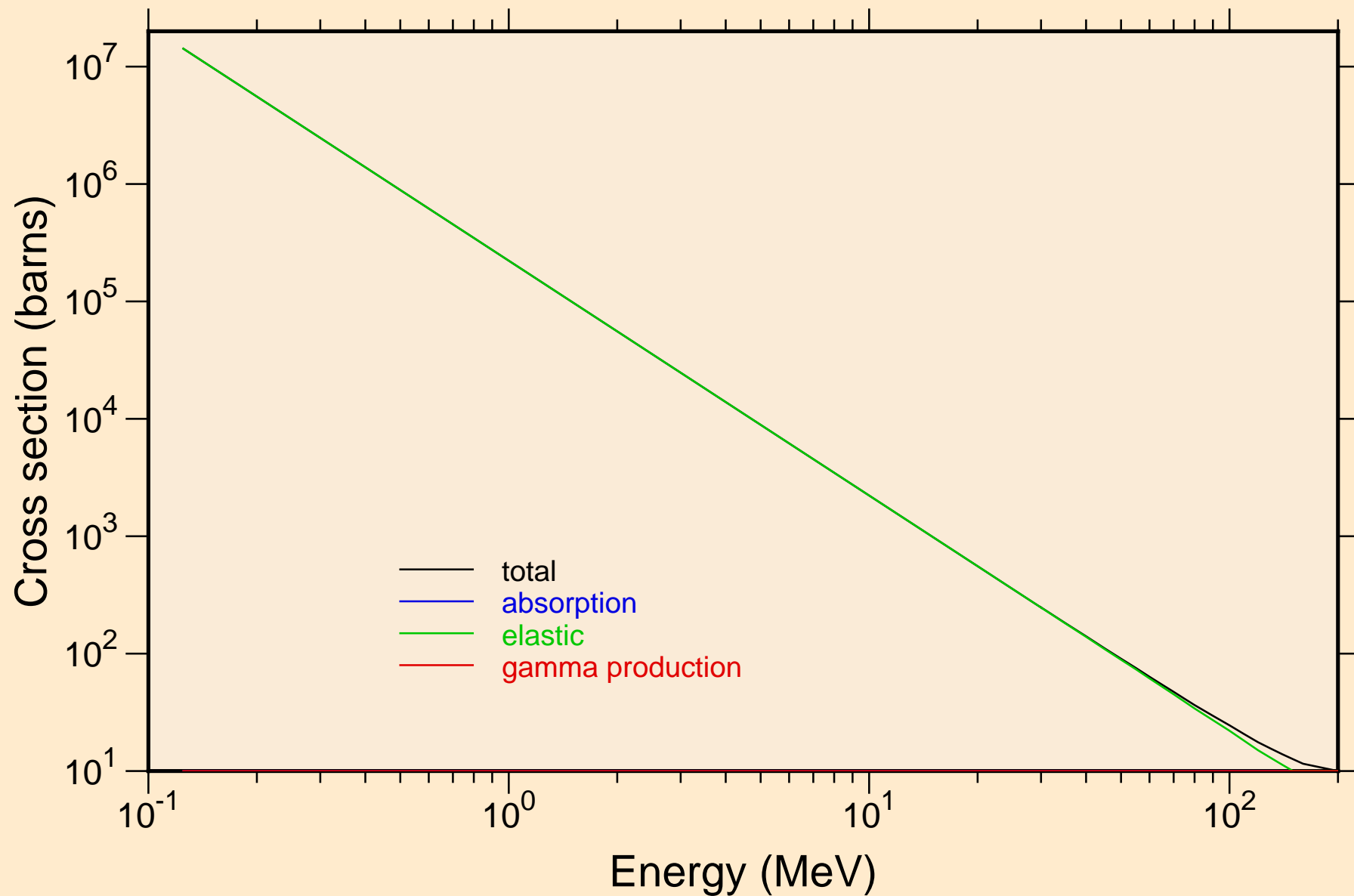
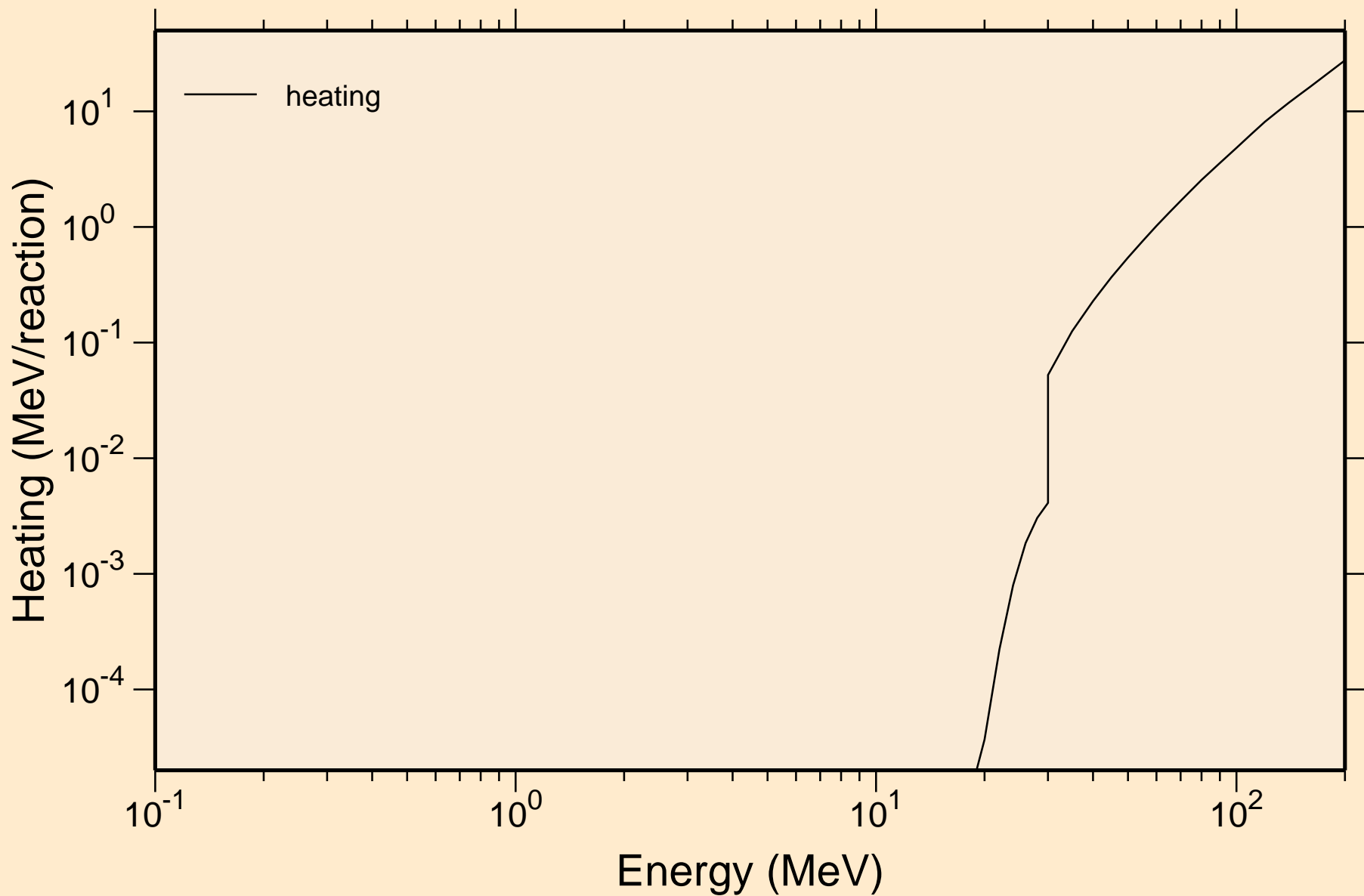


PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections

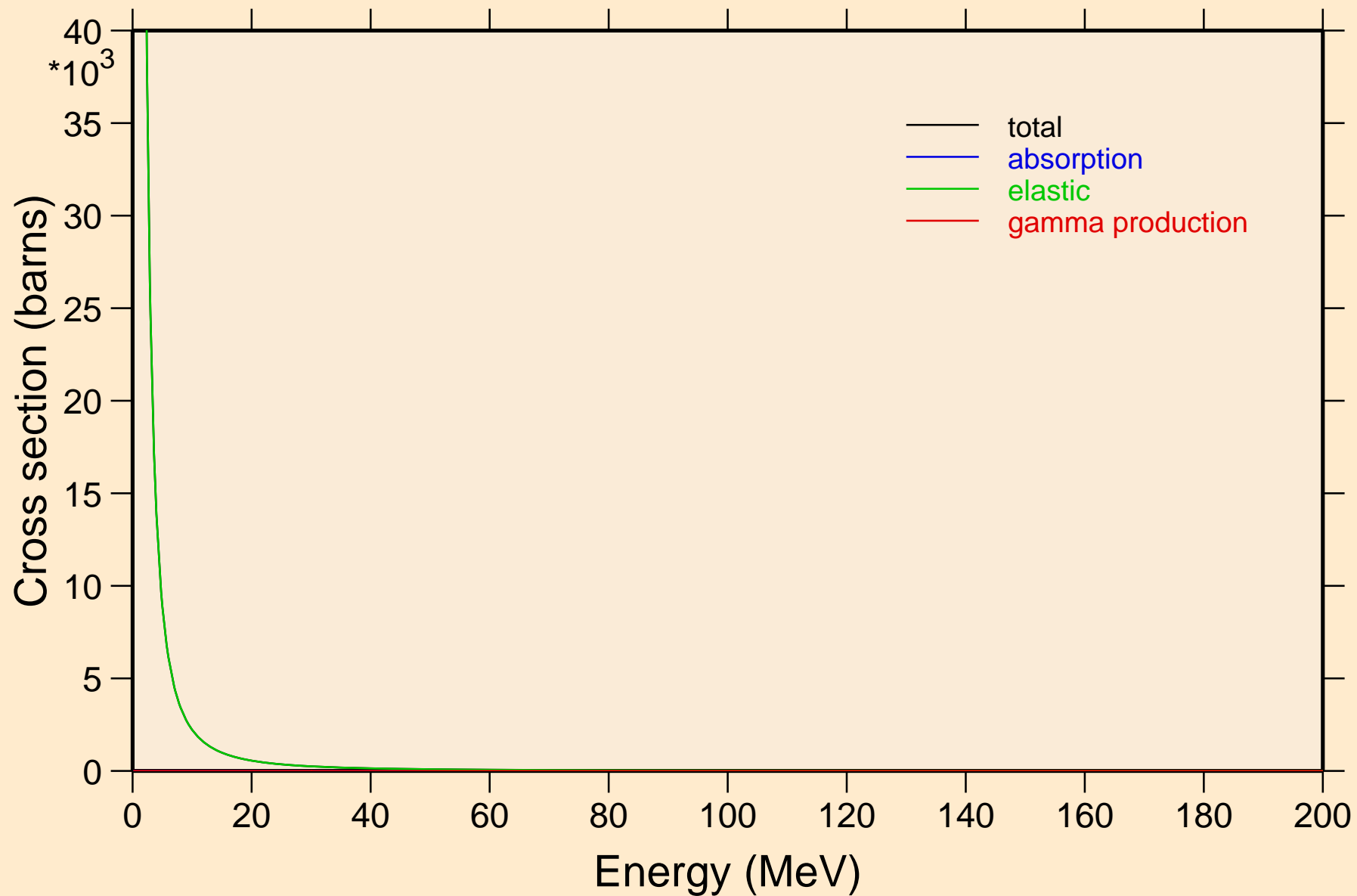


PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
Heating



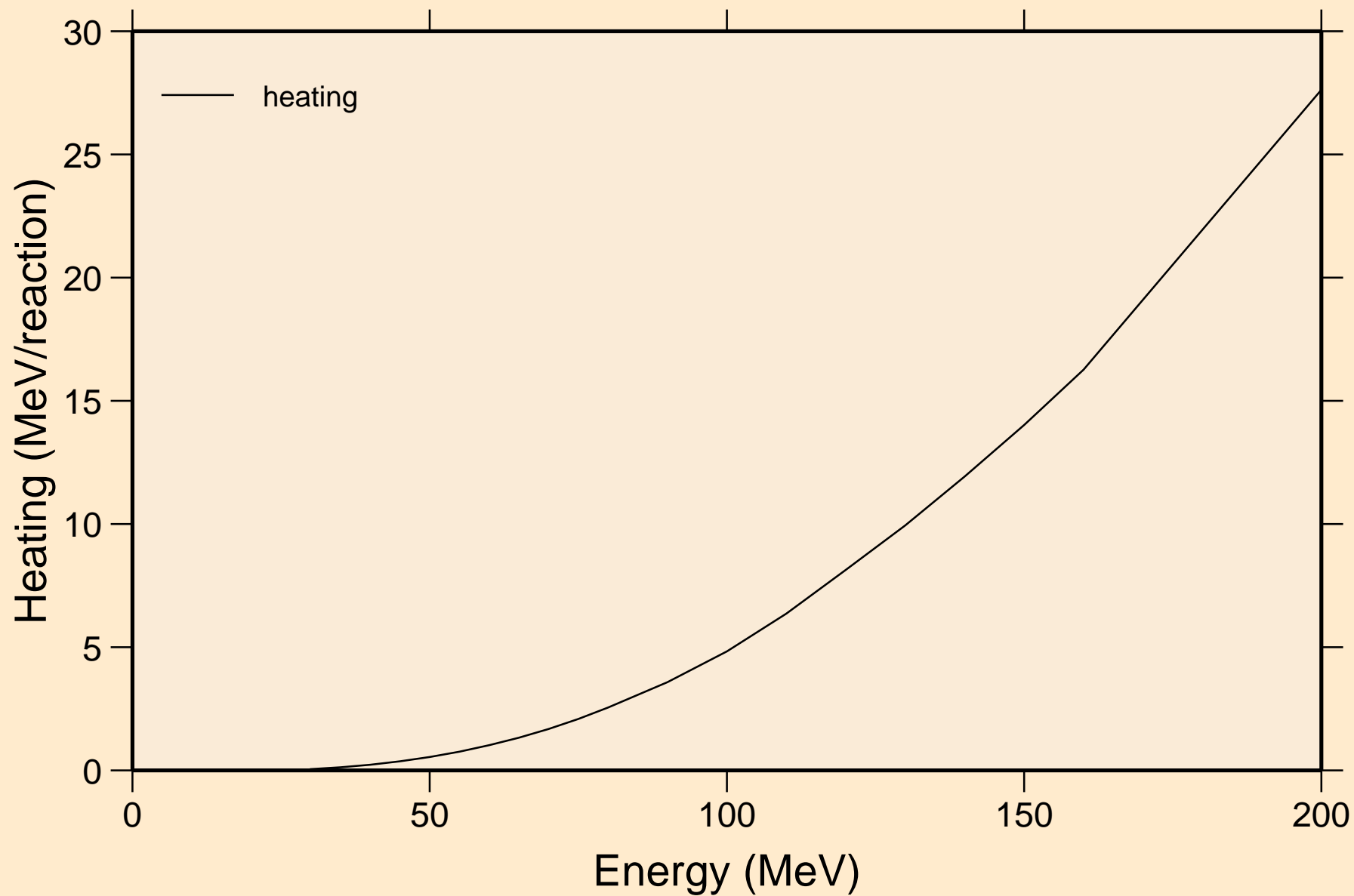
PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

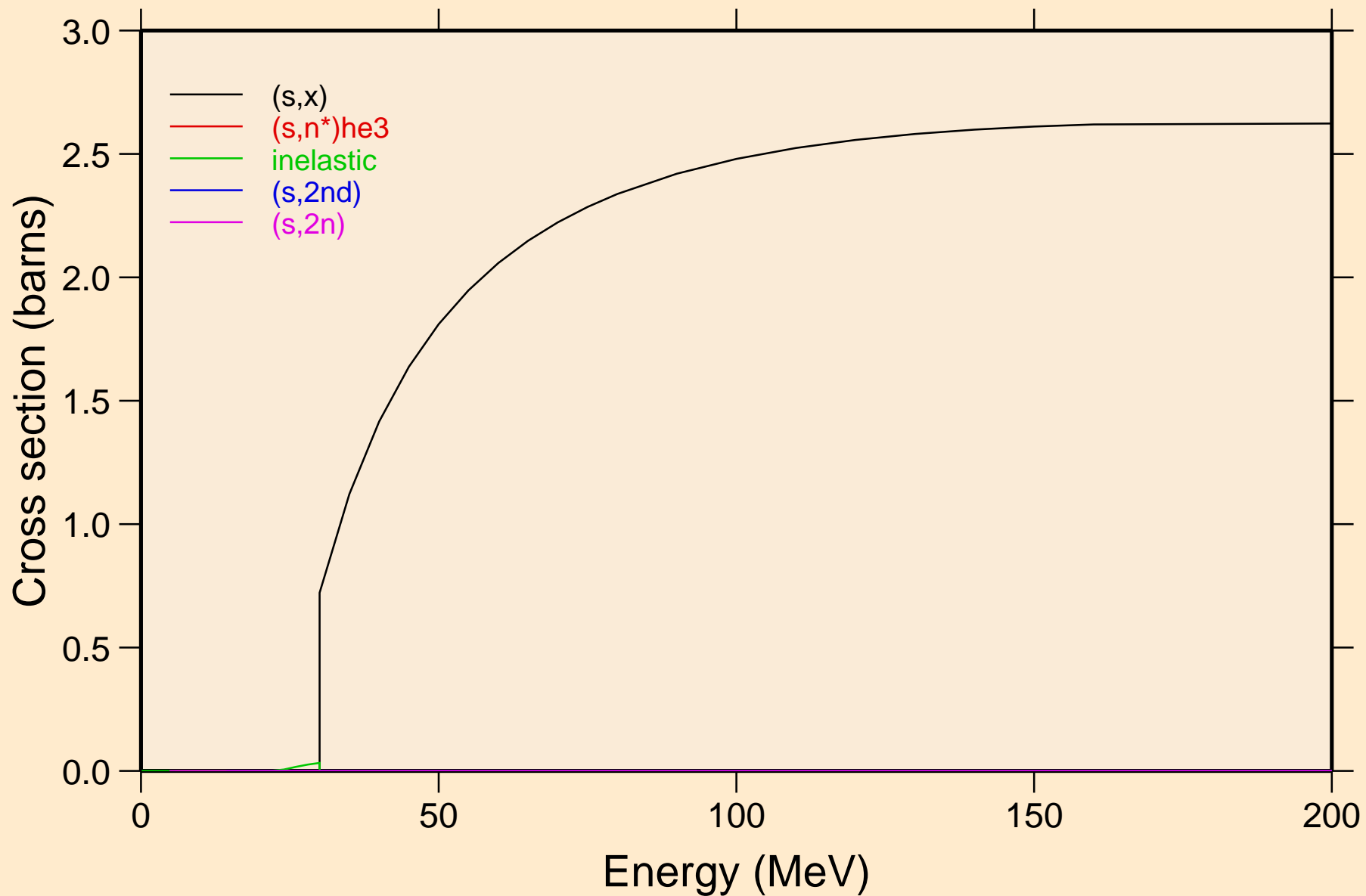


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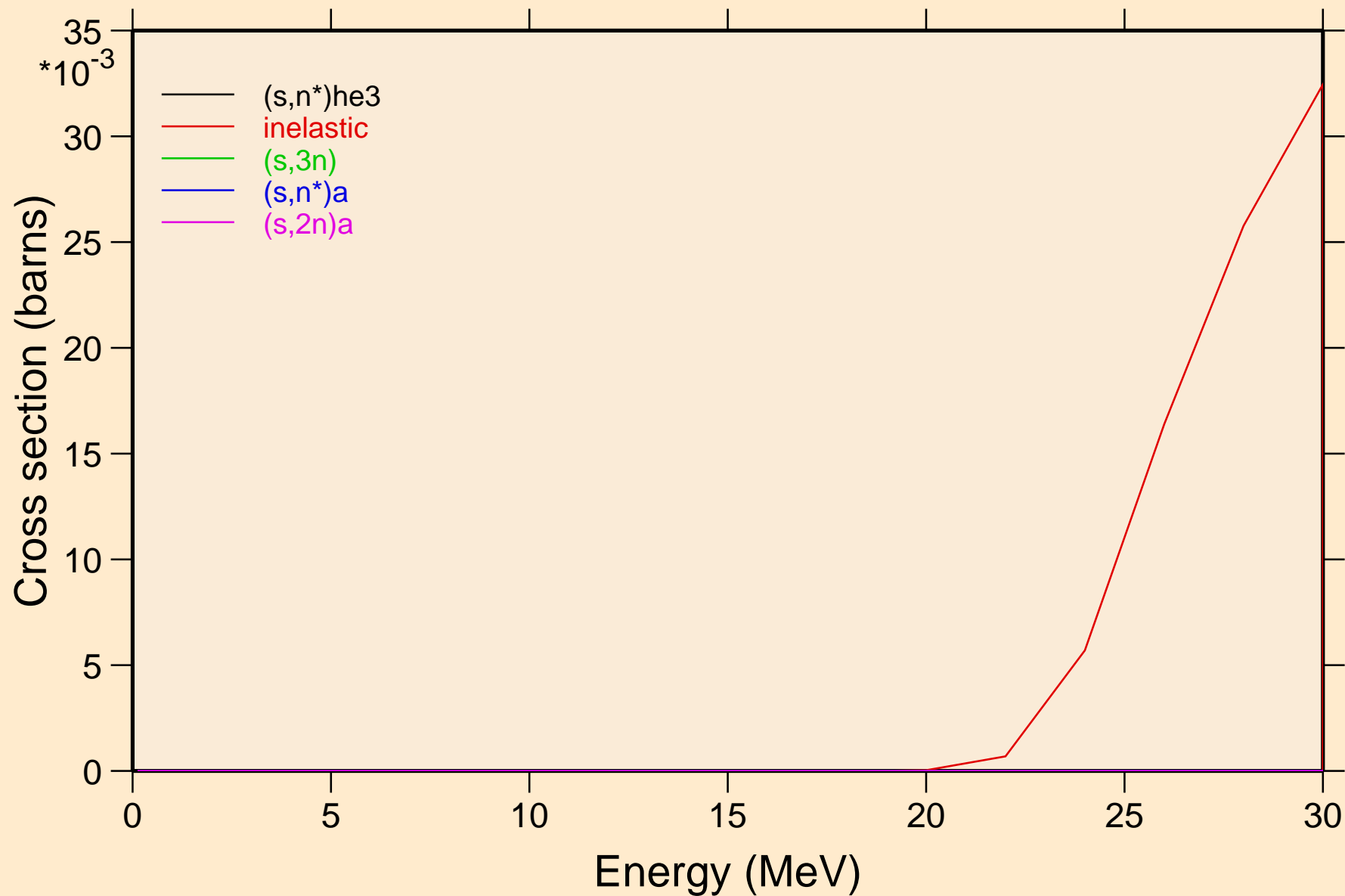
Heating



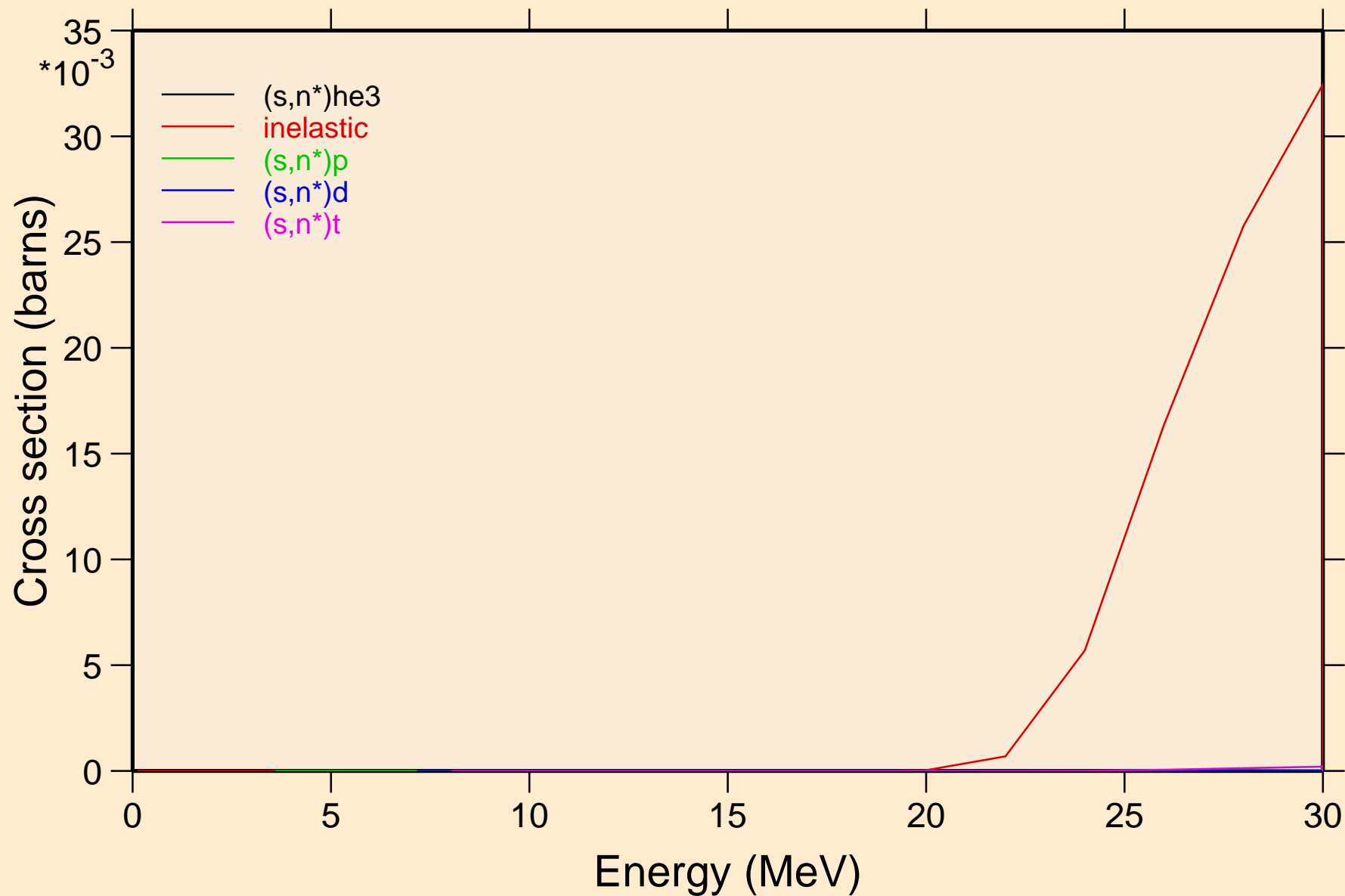
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Threshold reactions



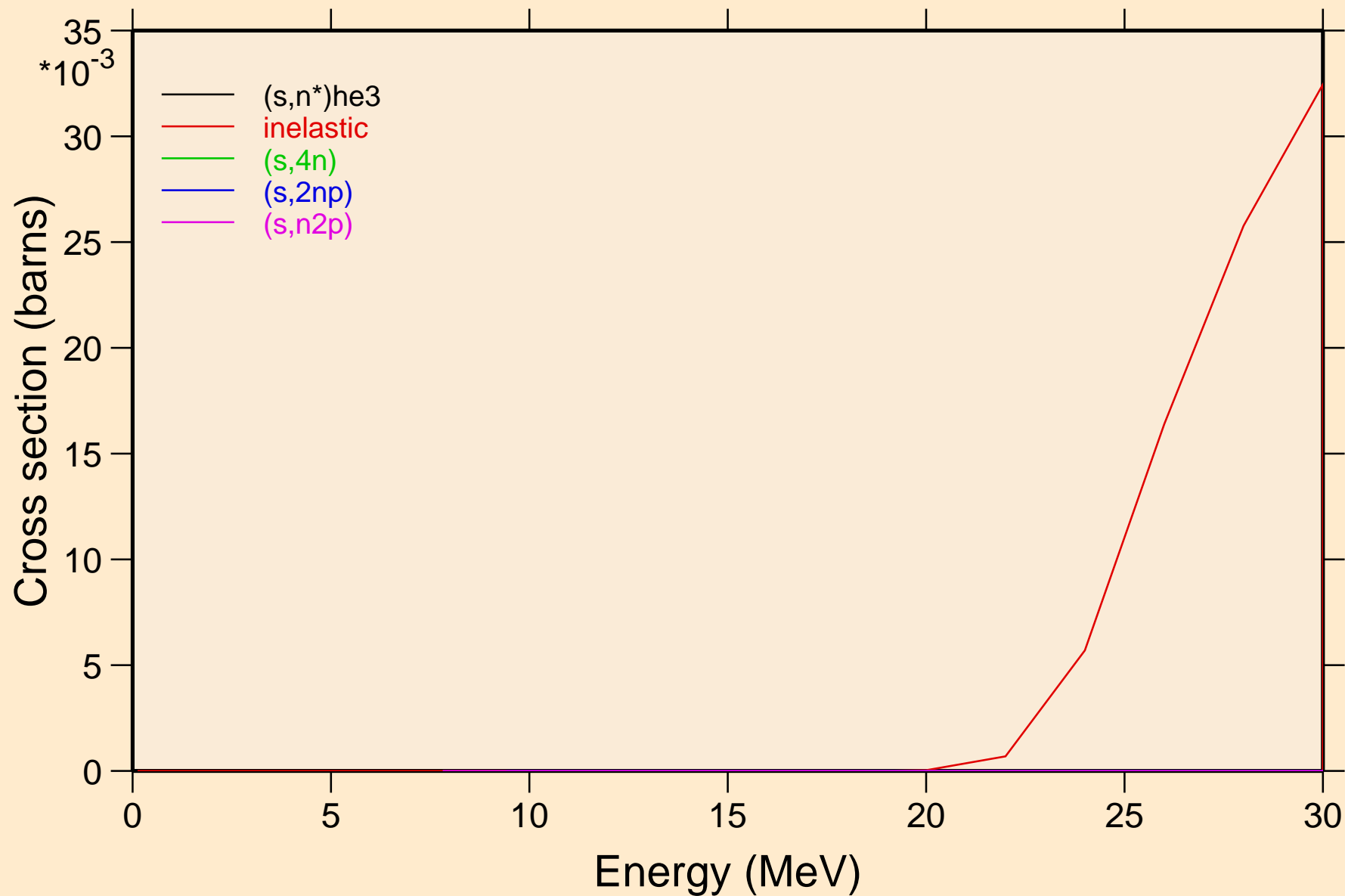
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Threshold reactions



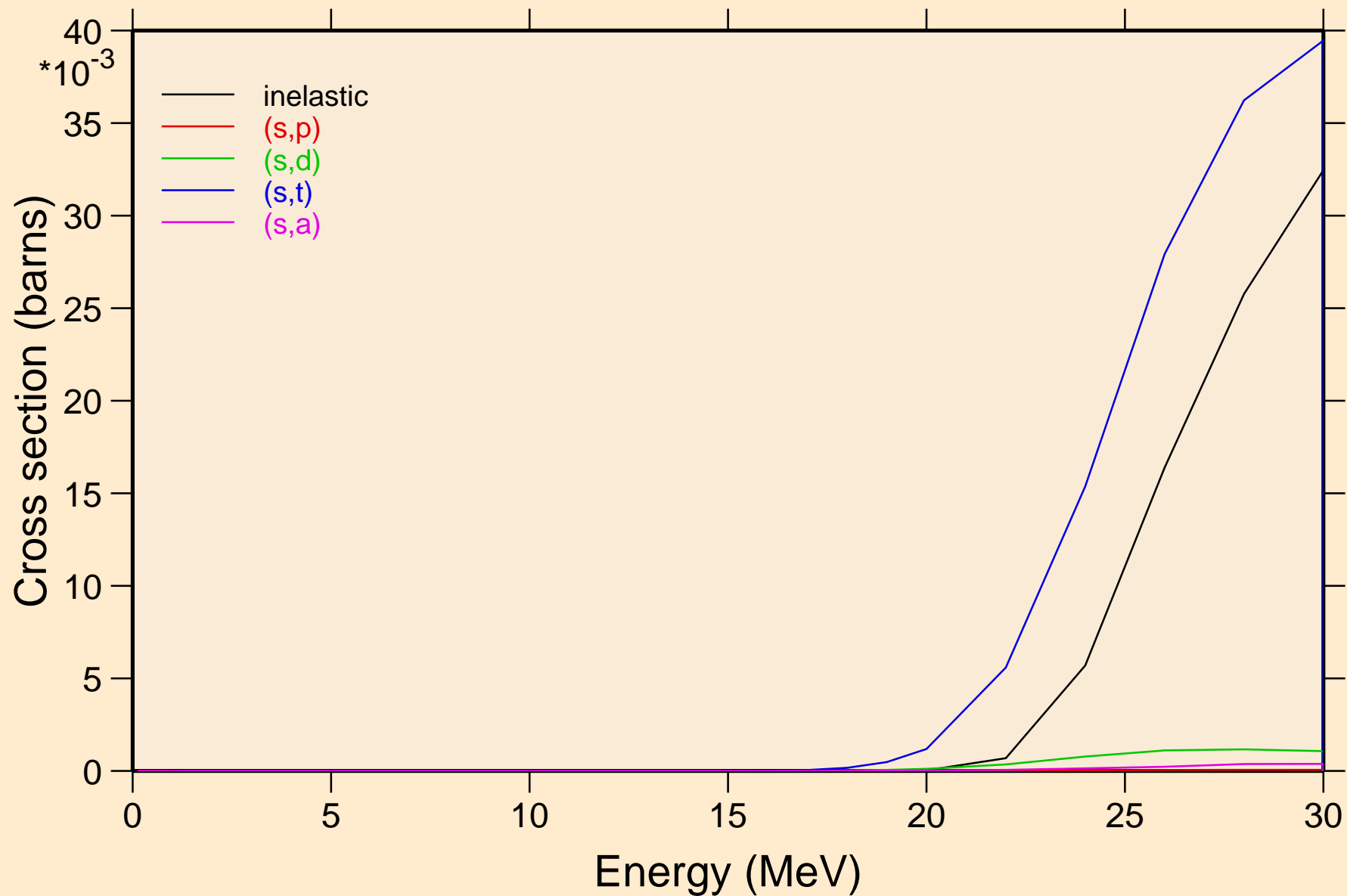
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Threshold reactions



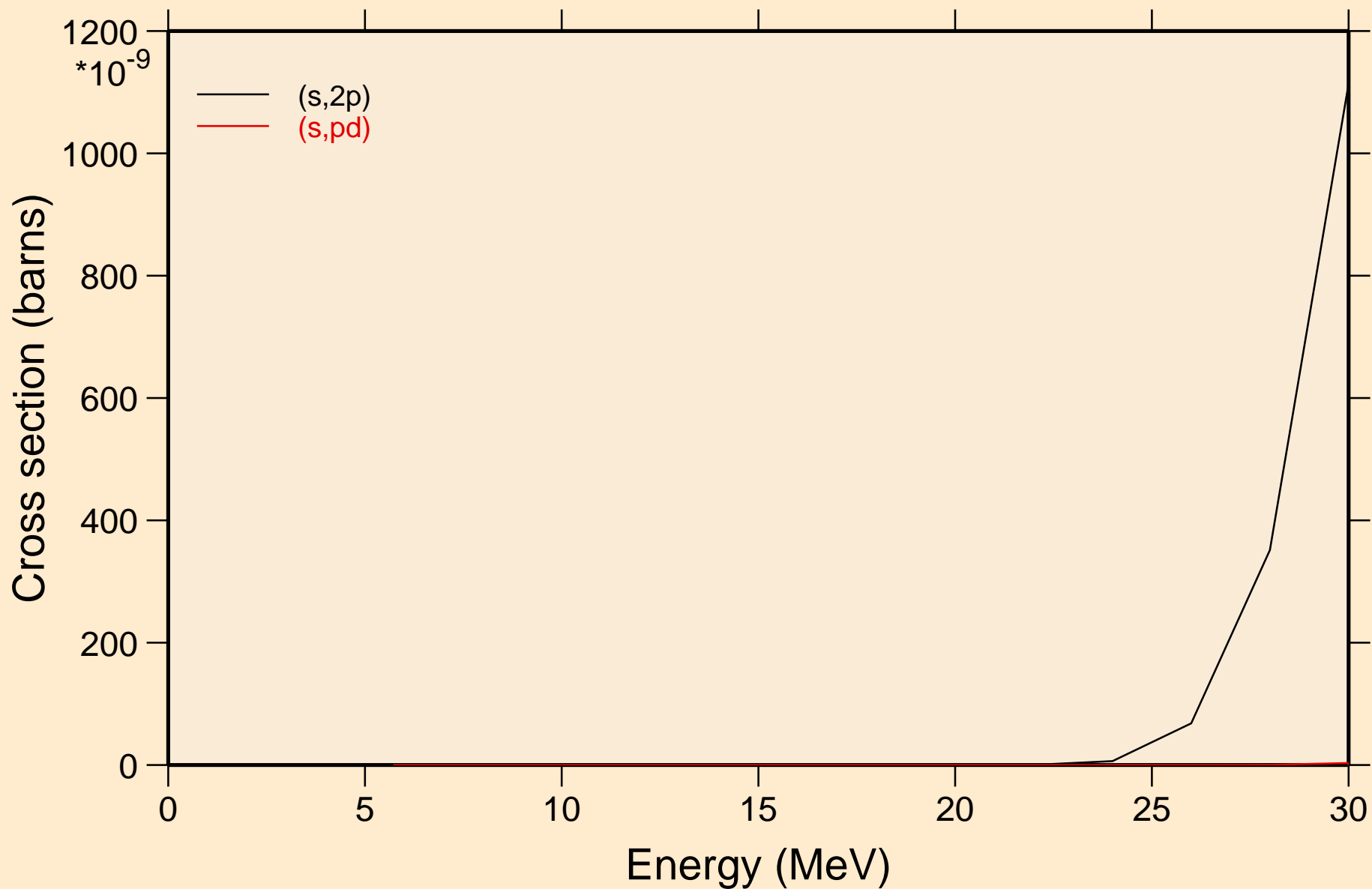
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Threshold reactions



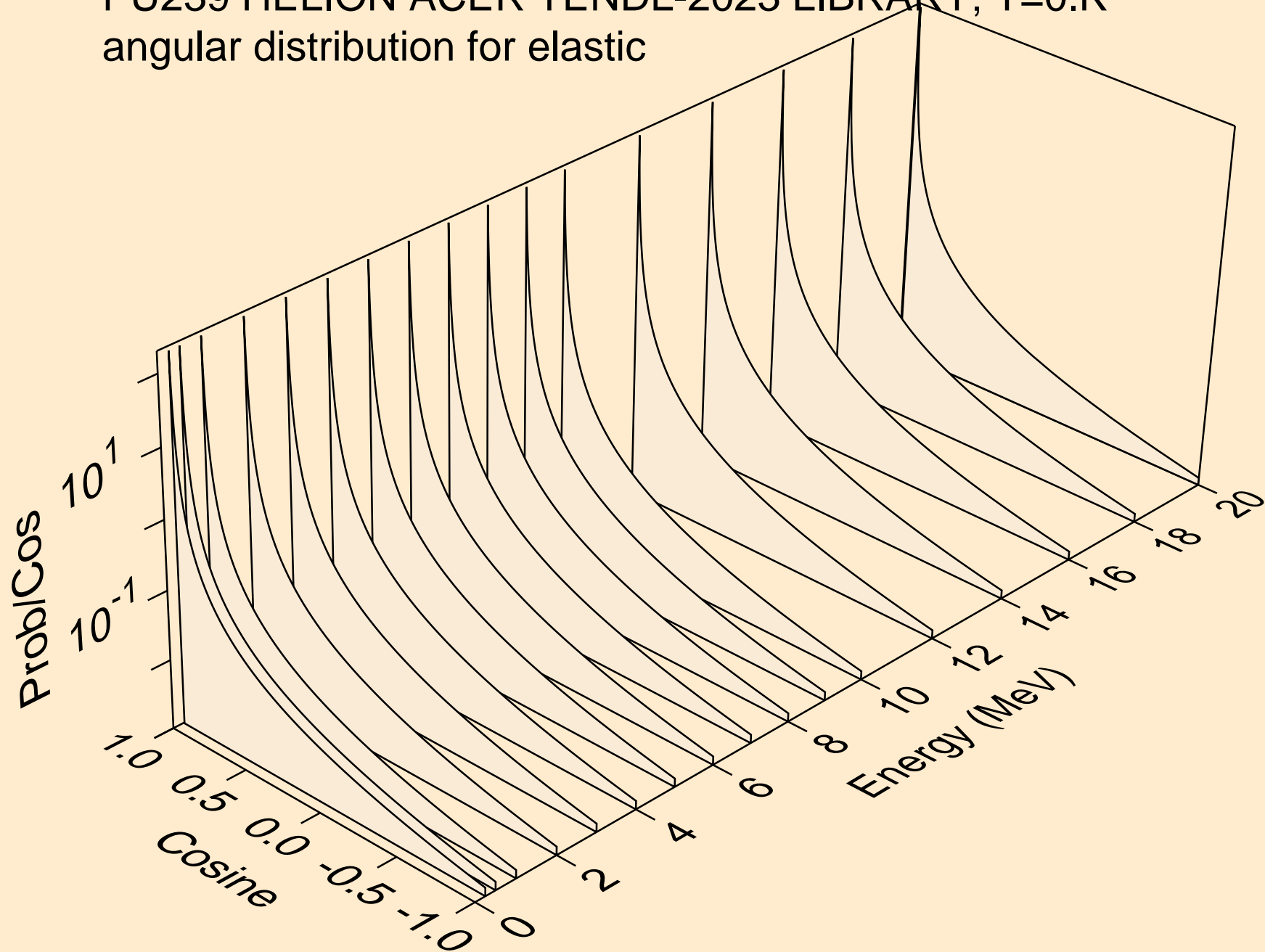
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Threshold reactions



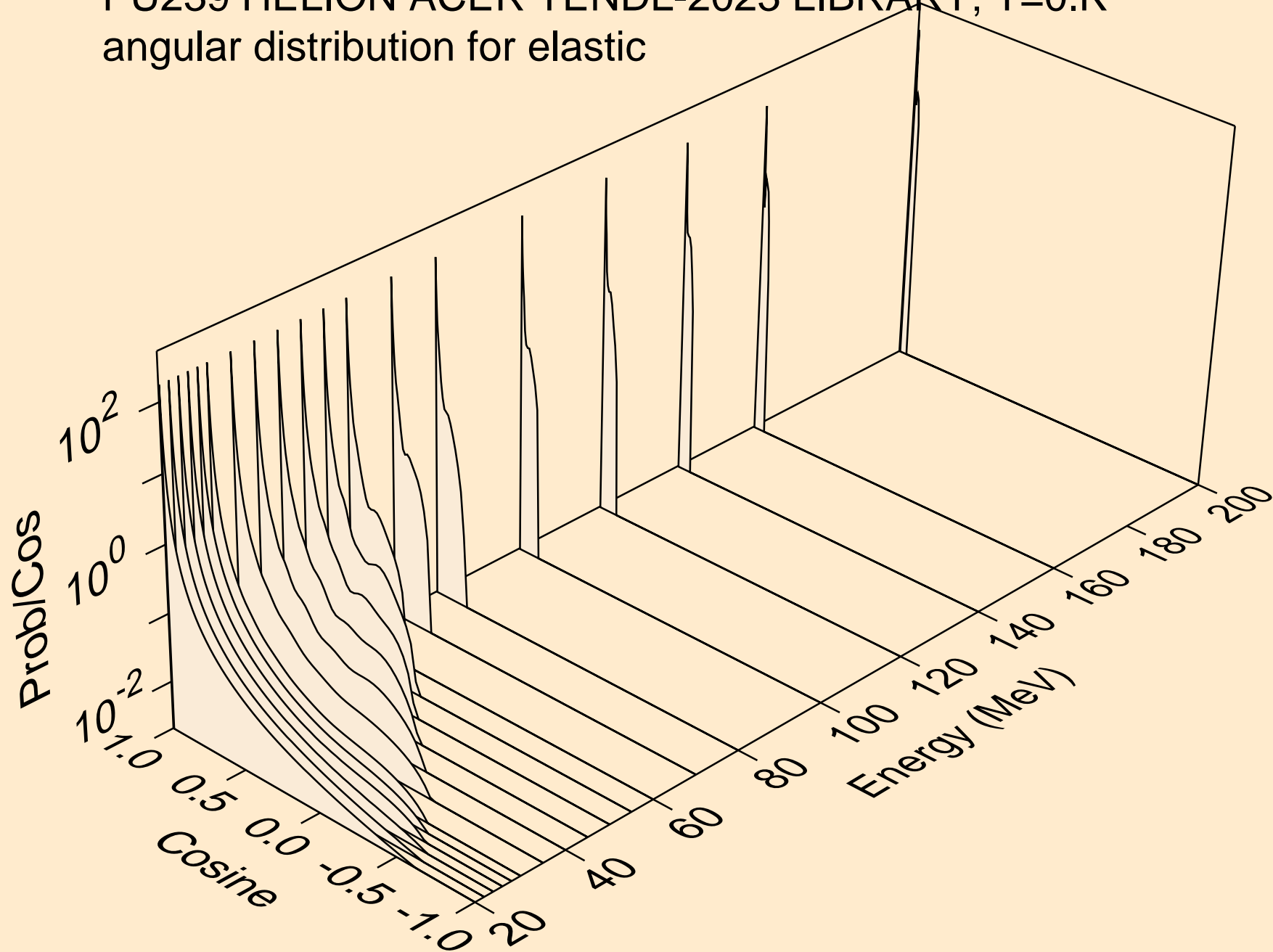
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Threshold reactions



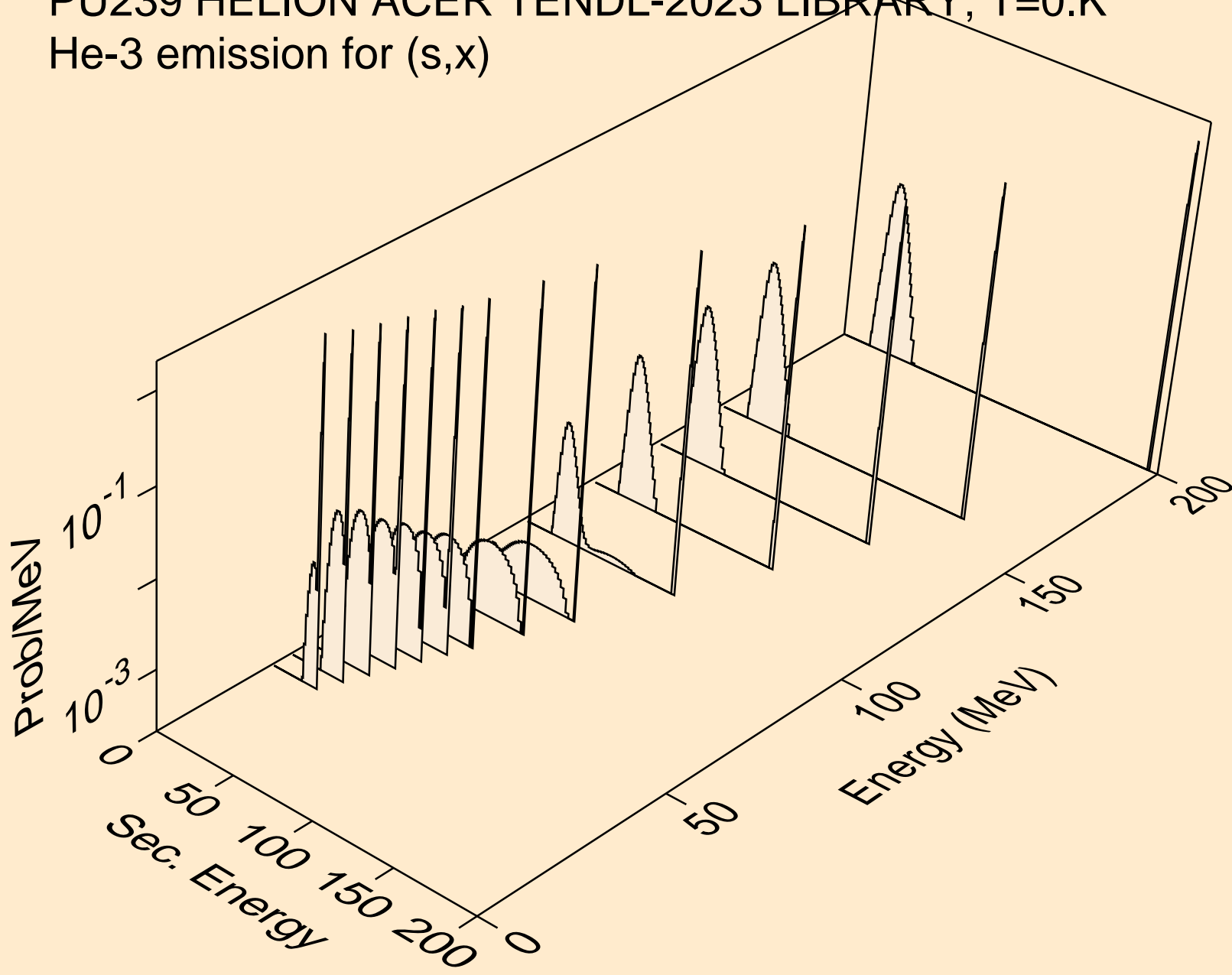
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angular distribution for elastic



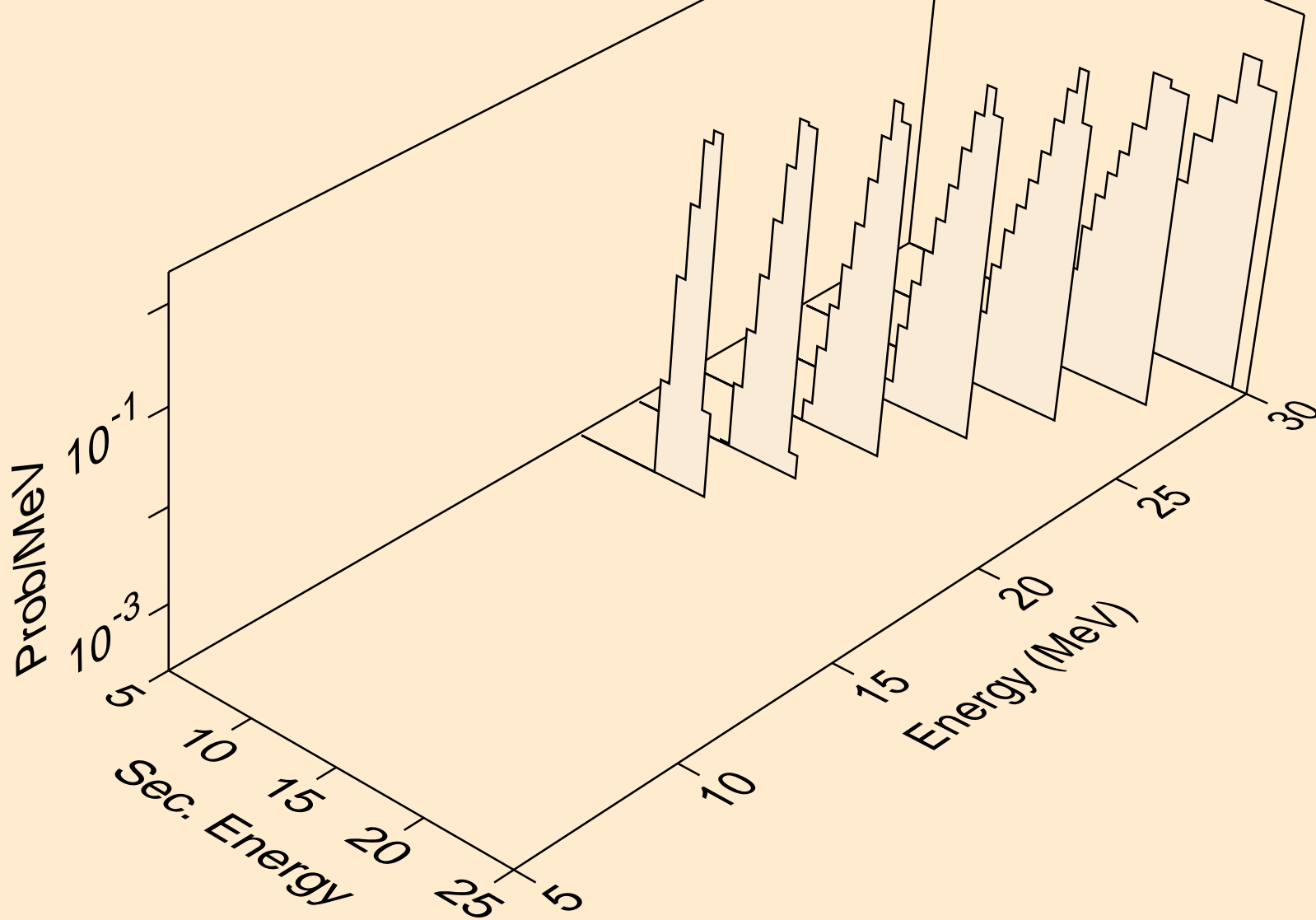
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angular distribution for elastic



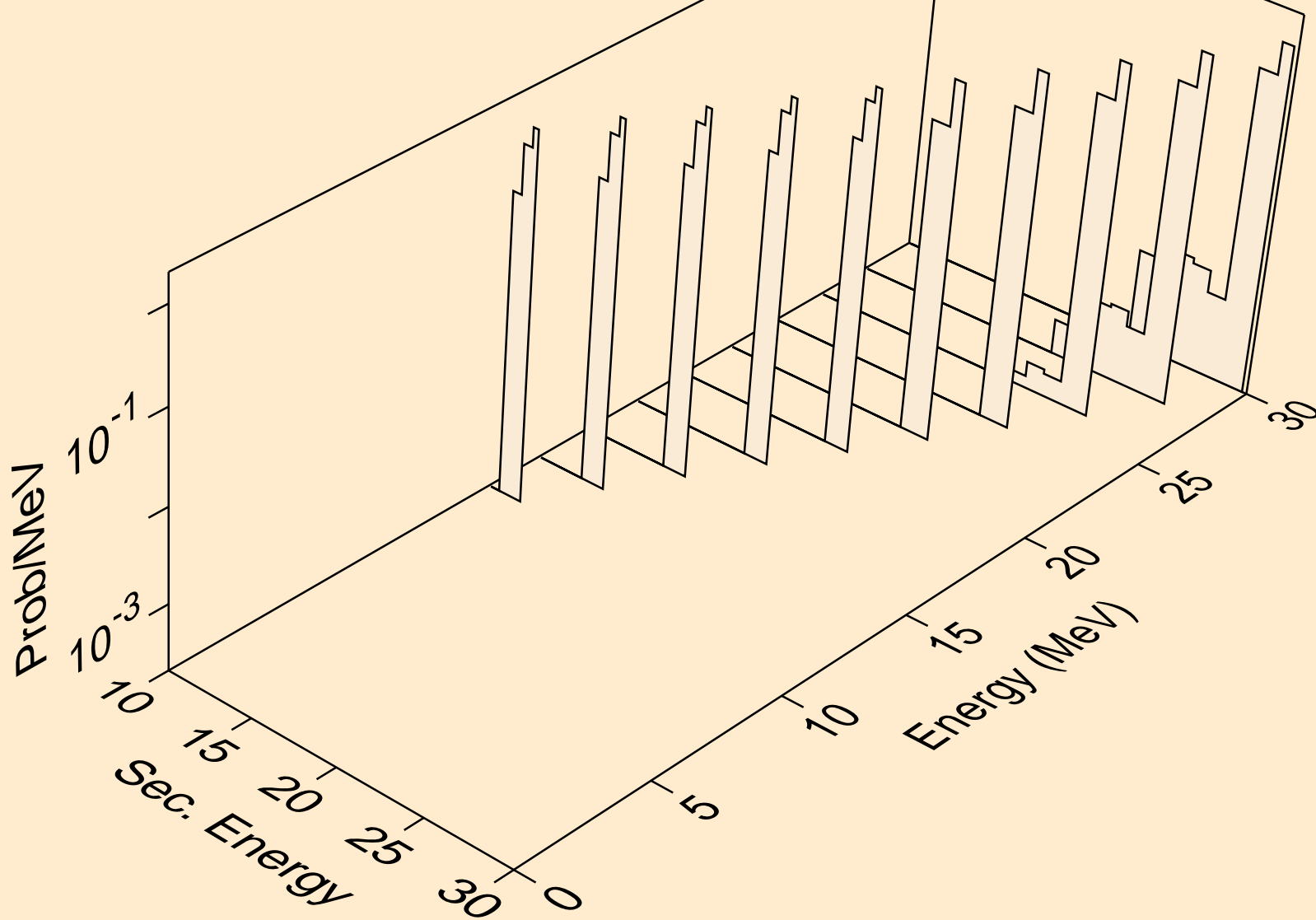
PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,x)



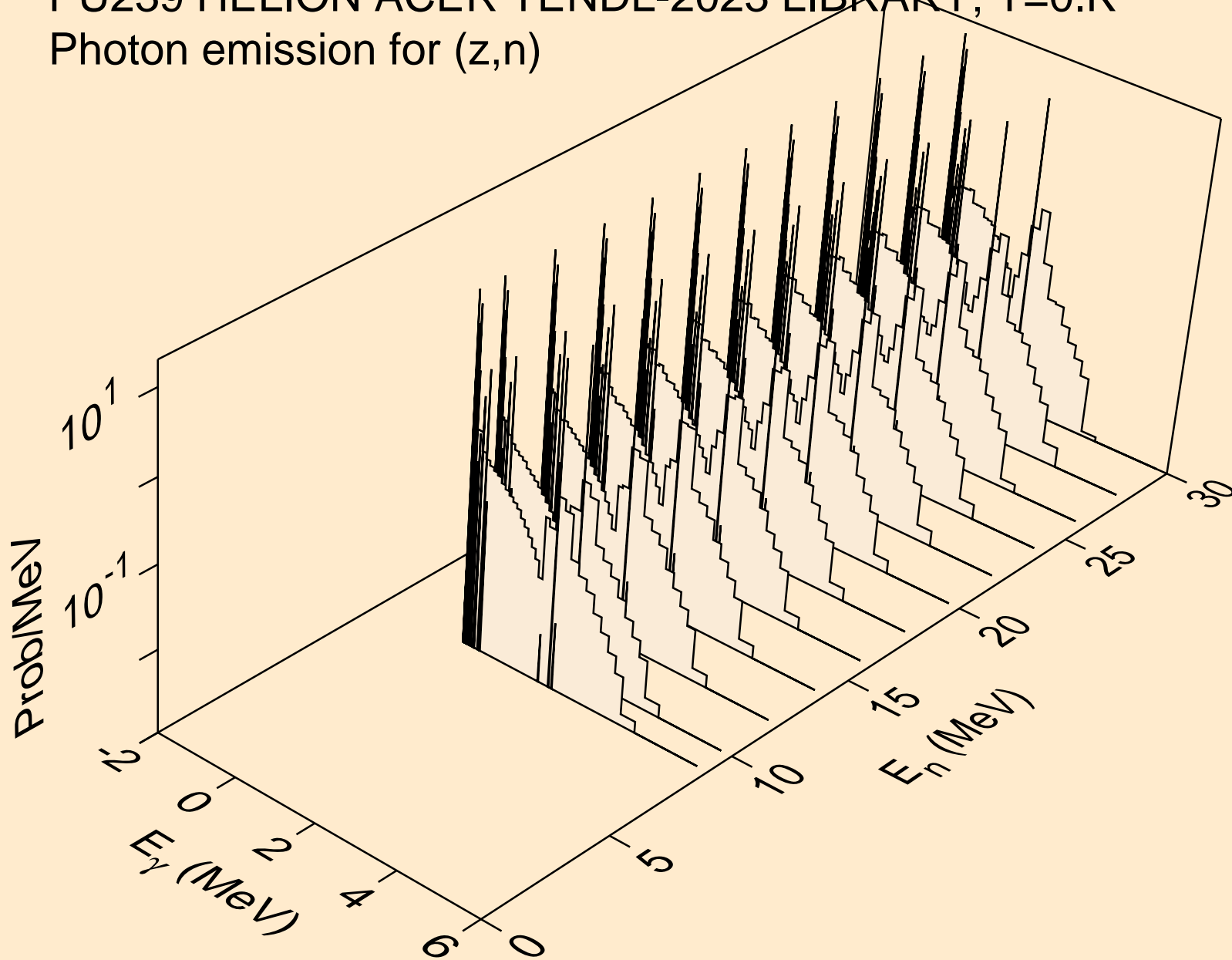
PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



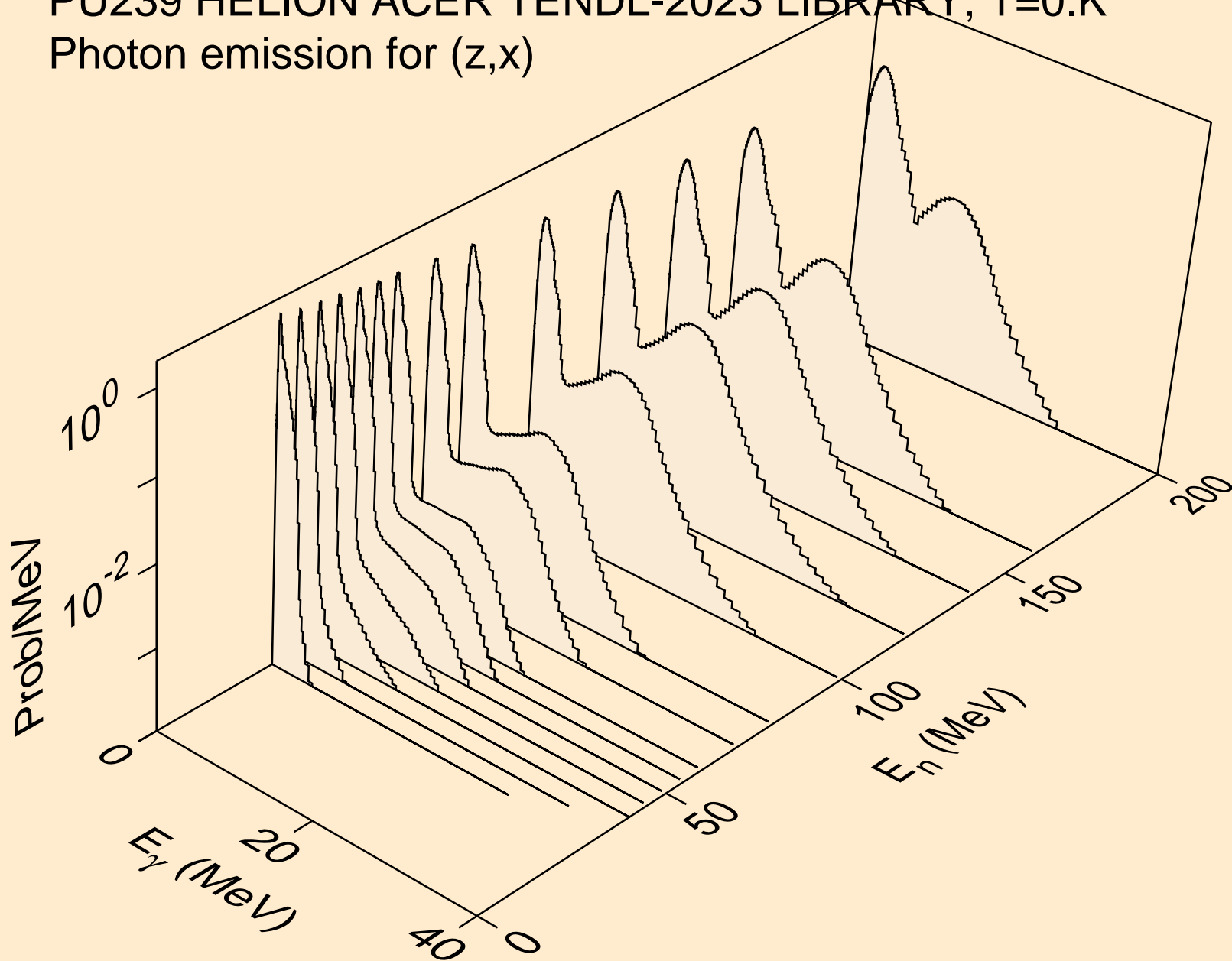
PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for inelastic



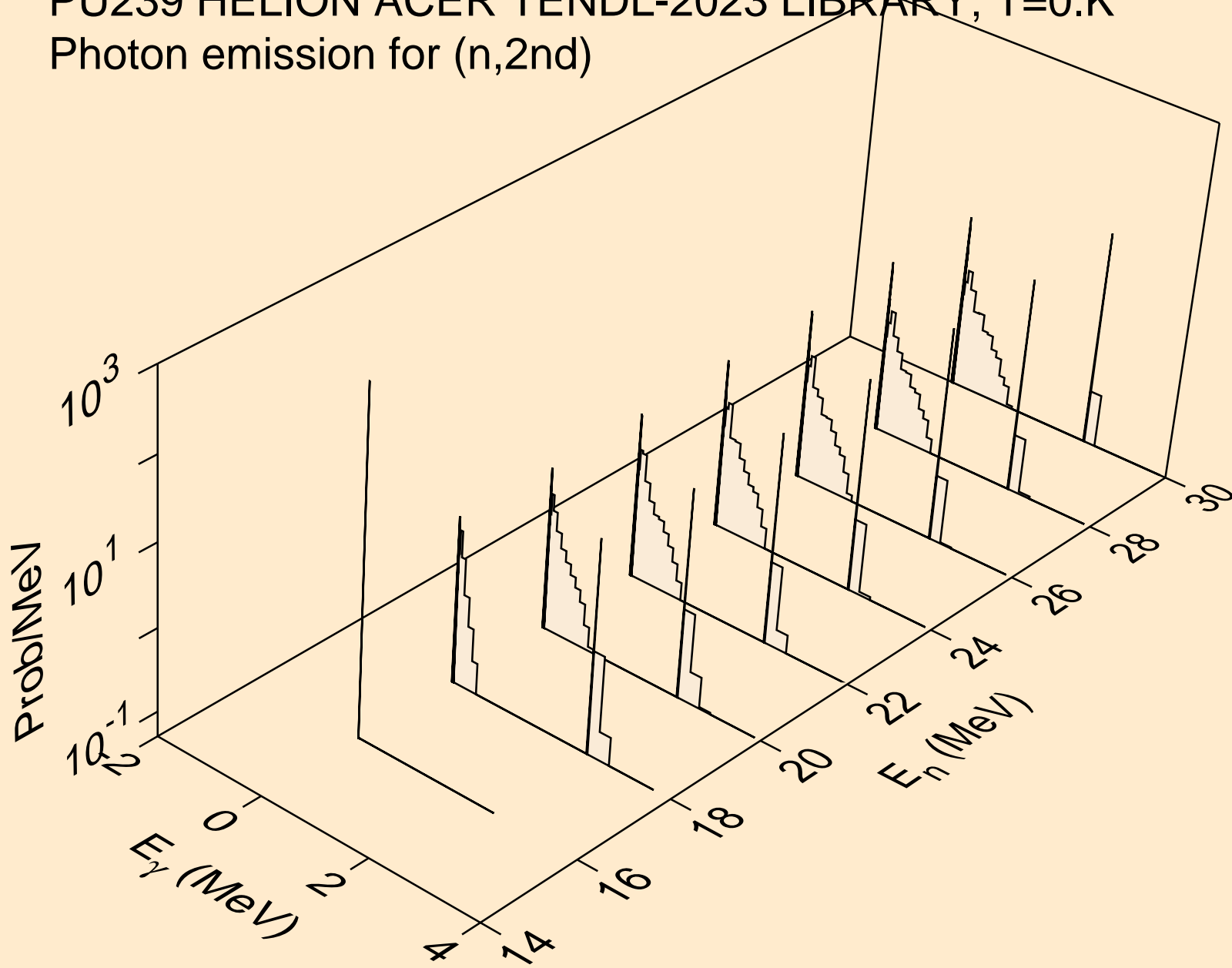
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Photon emission for (z,n)



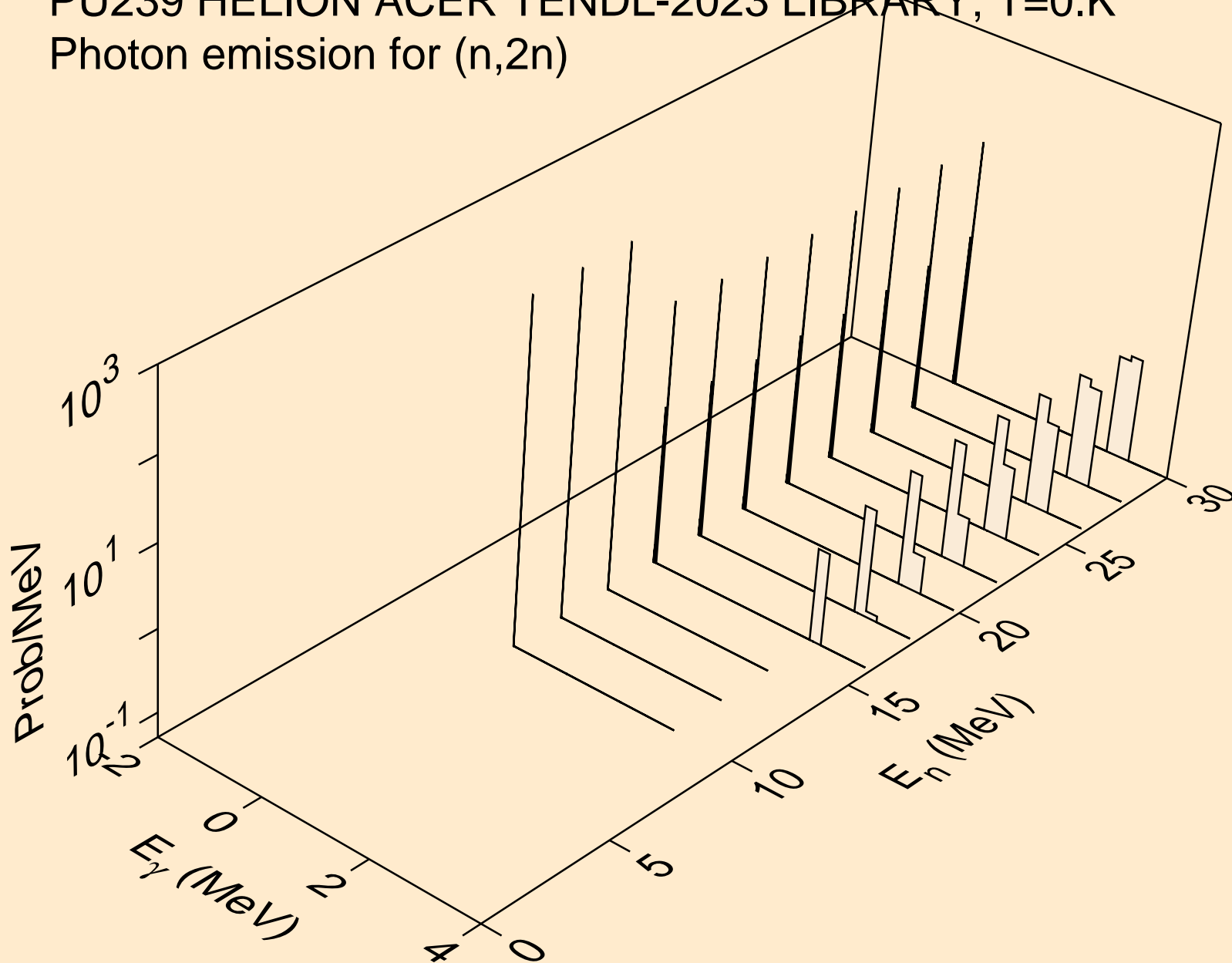
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Photon emission for (z,x)



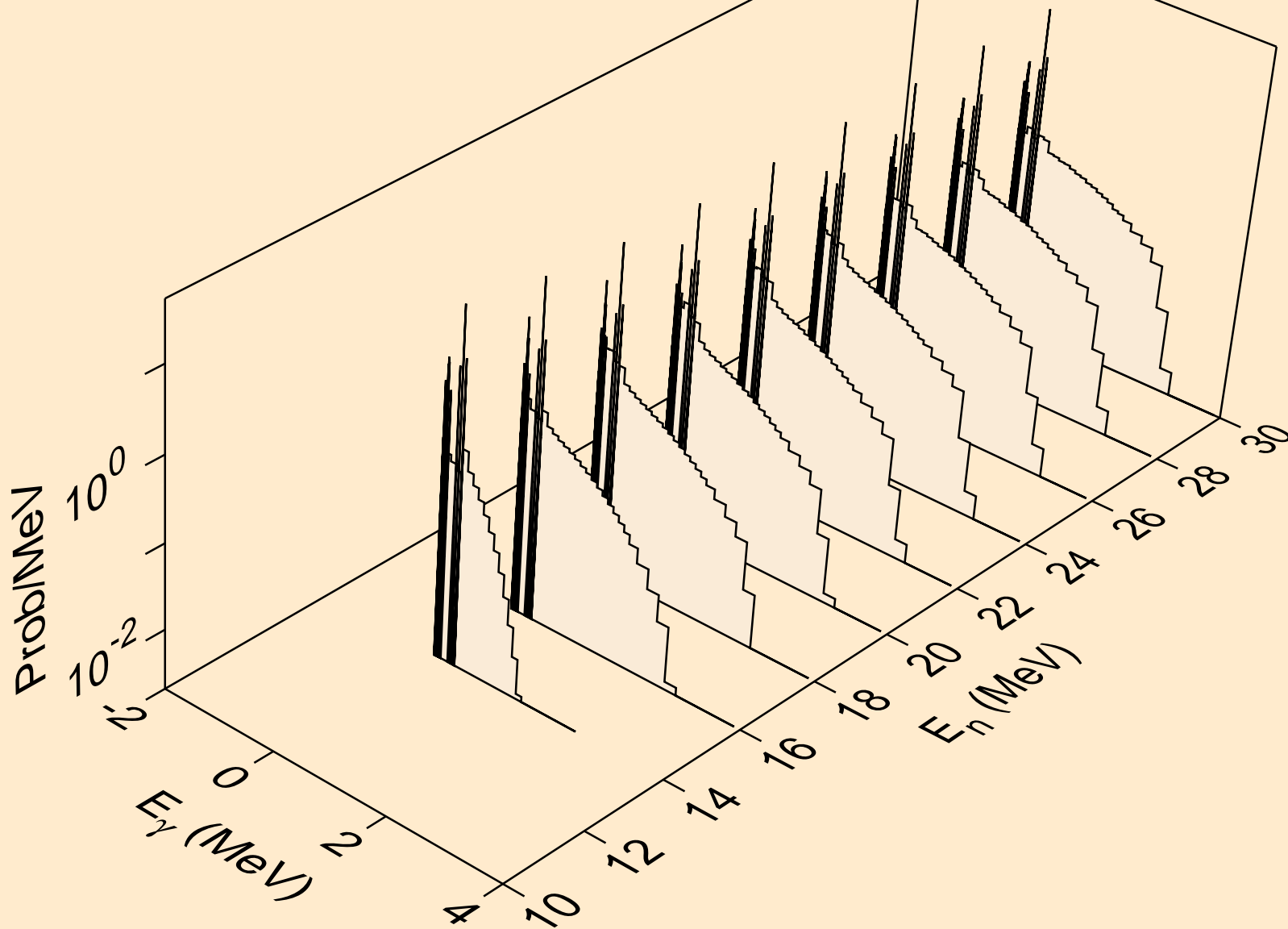
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Photon emission for (n,2nd)



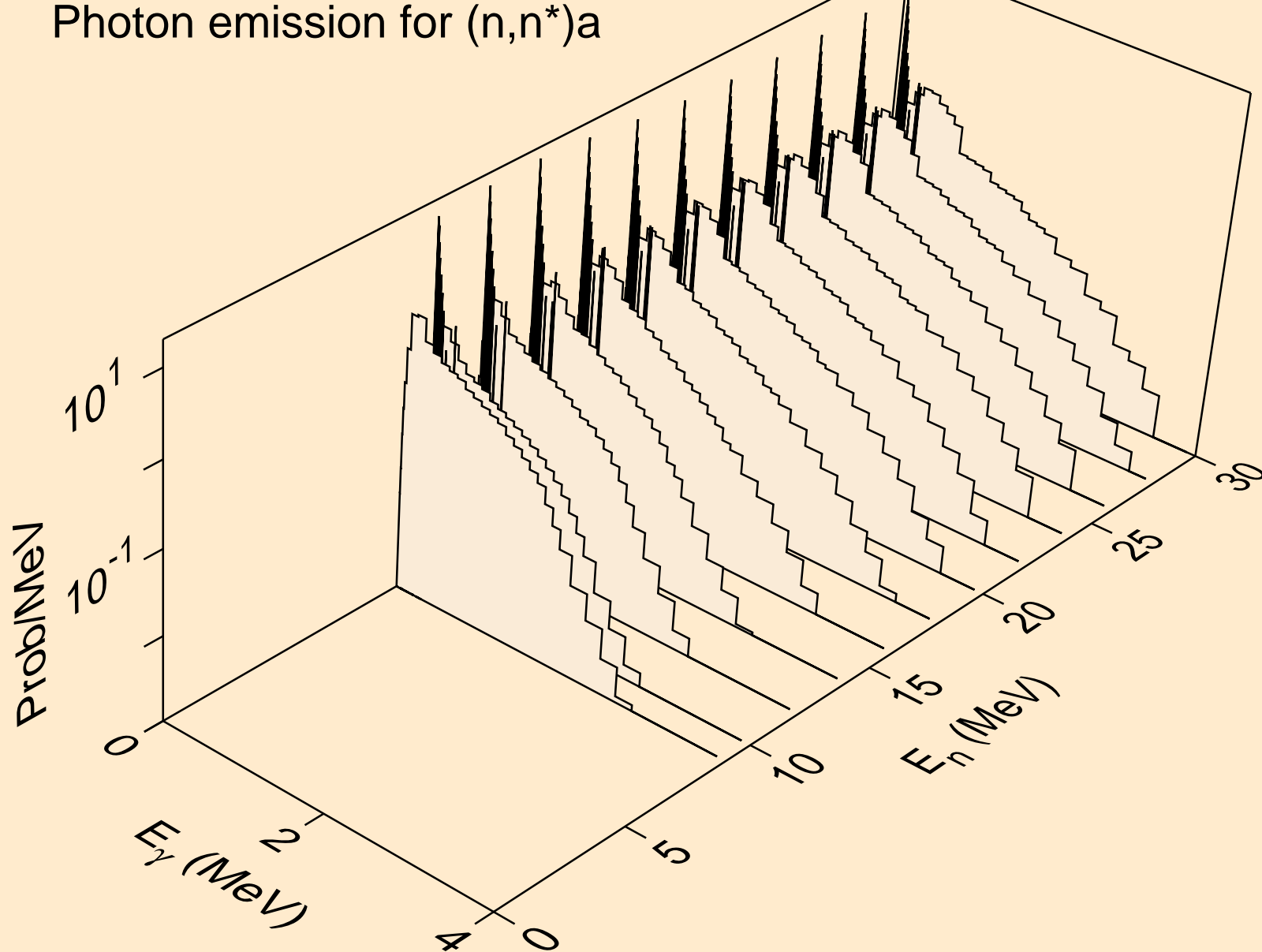
PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



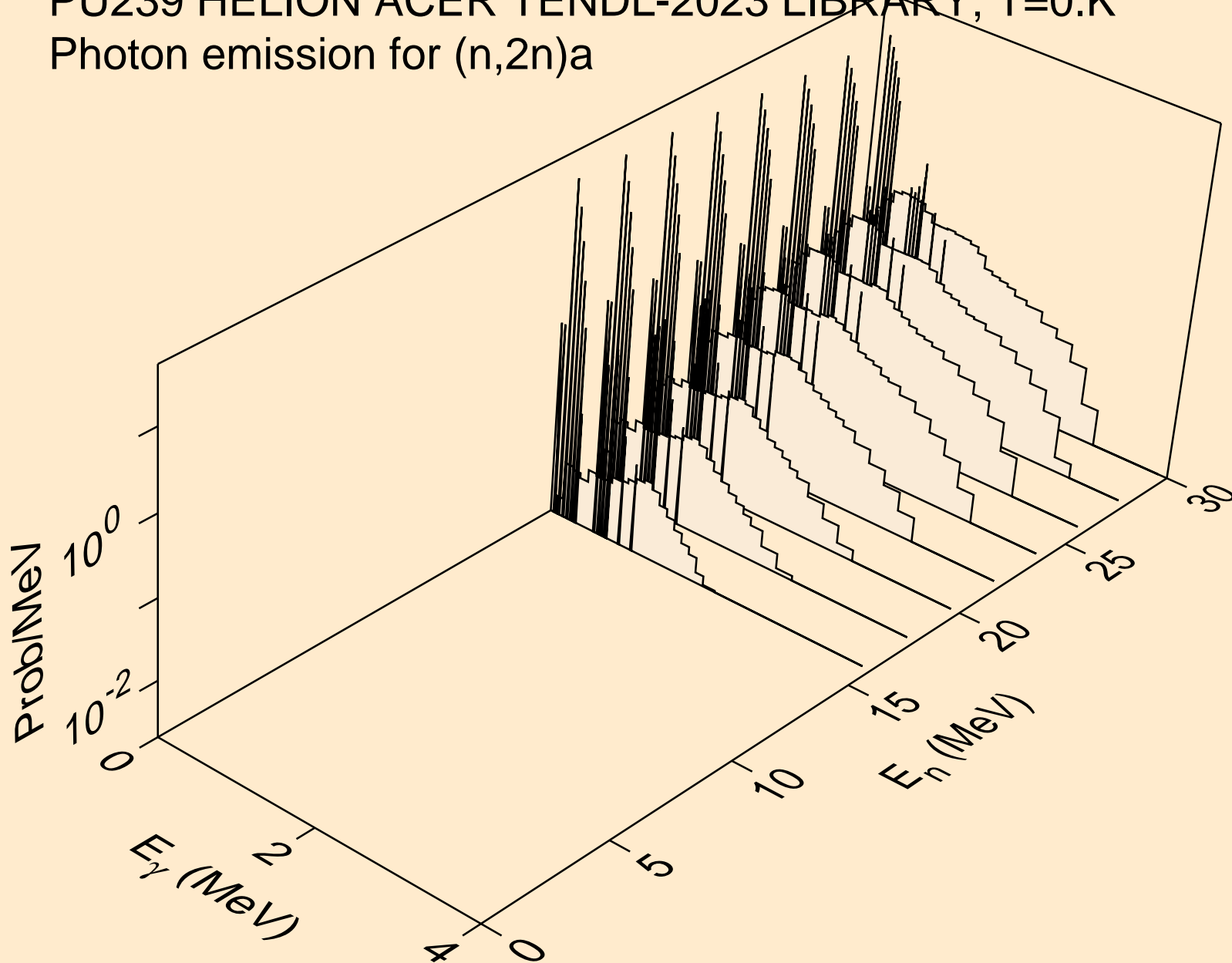
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Photon emission for (n,3n)



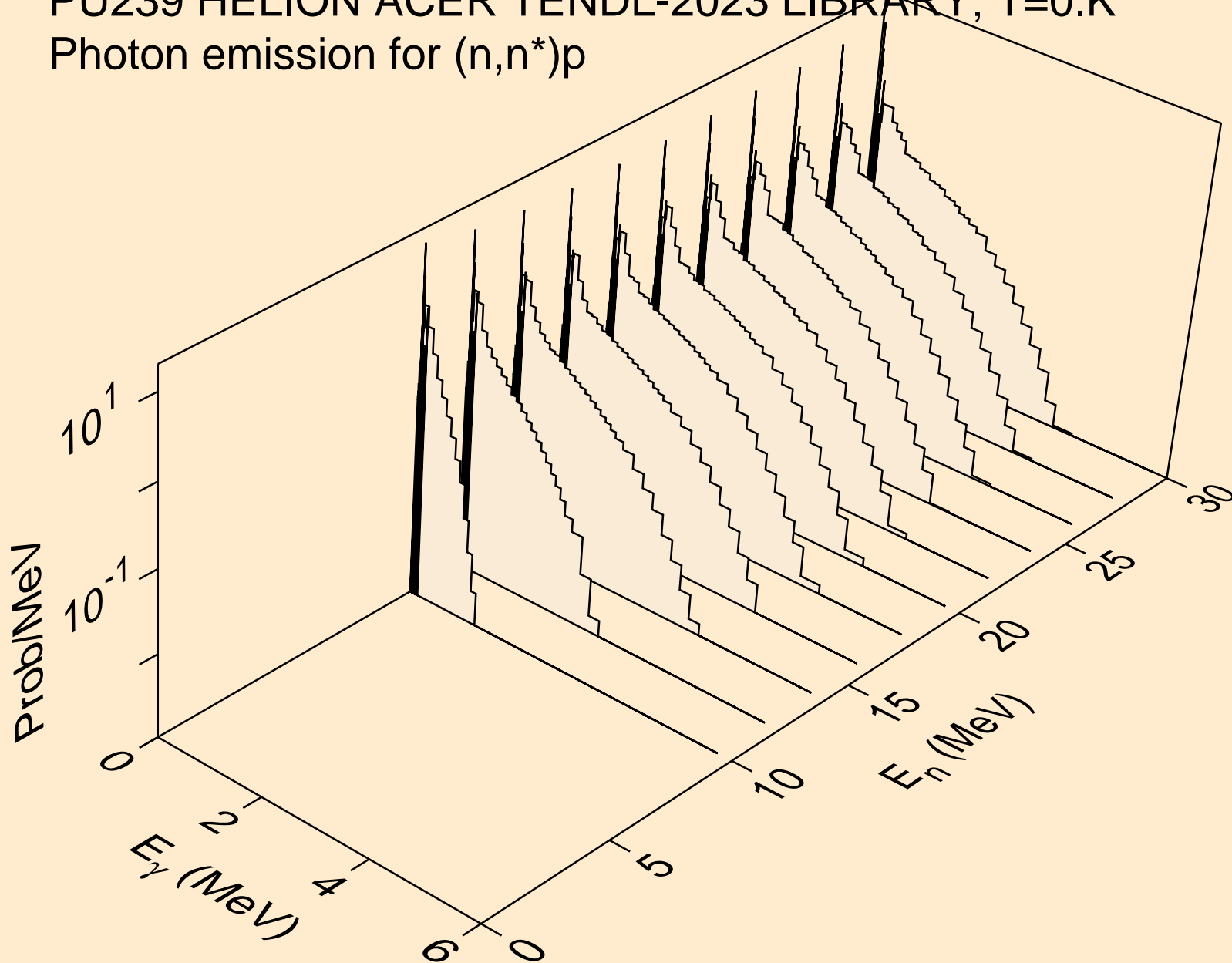
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Photon emission for (n,n*)a



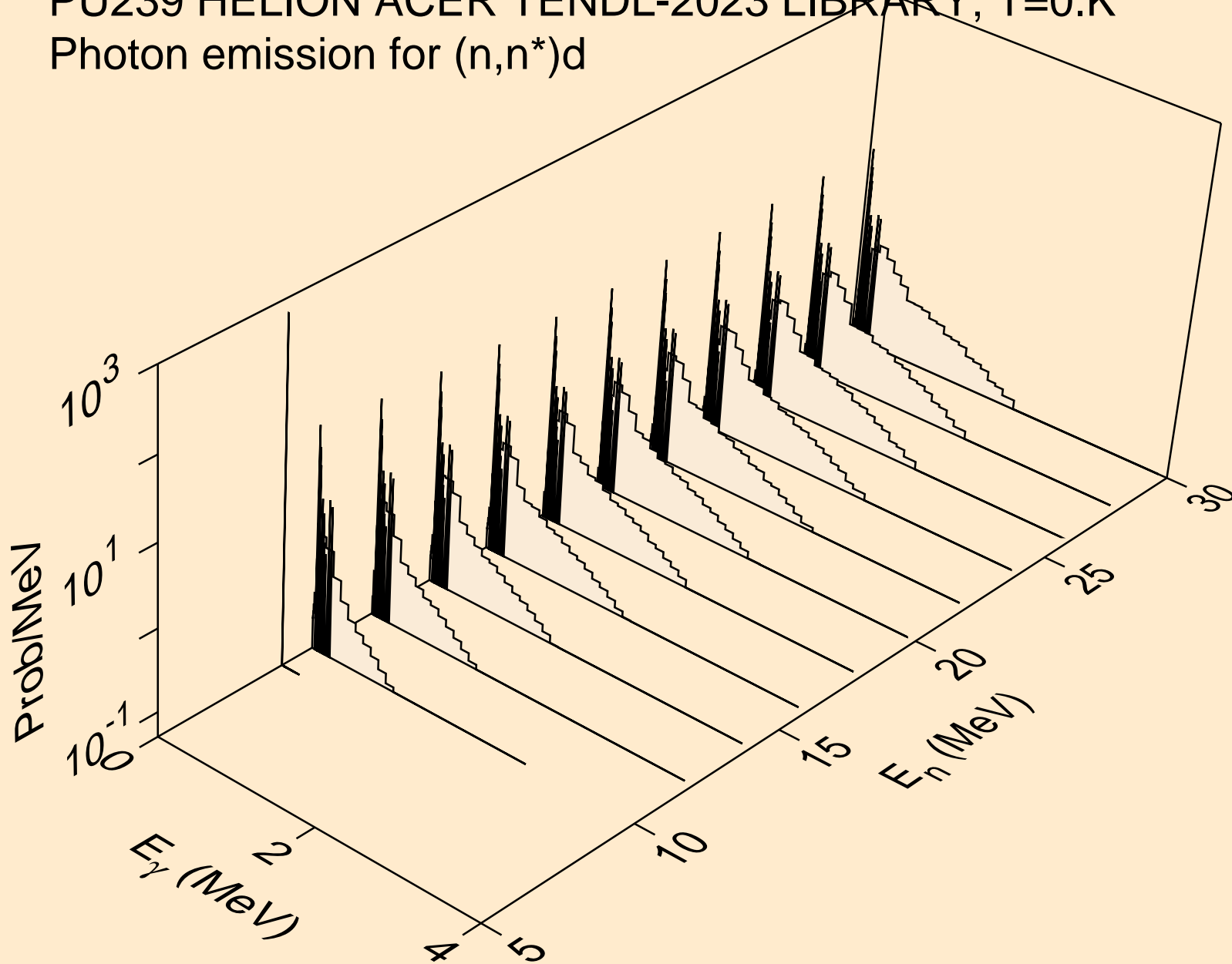
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Photon emission for (n,2n)a



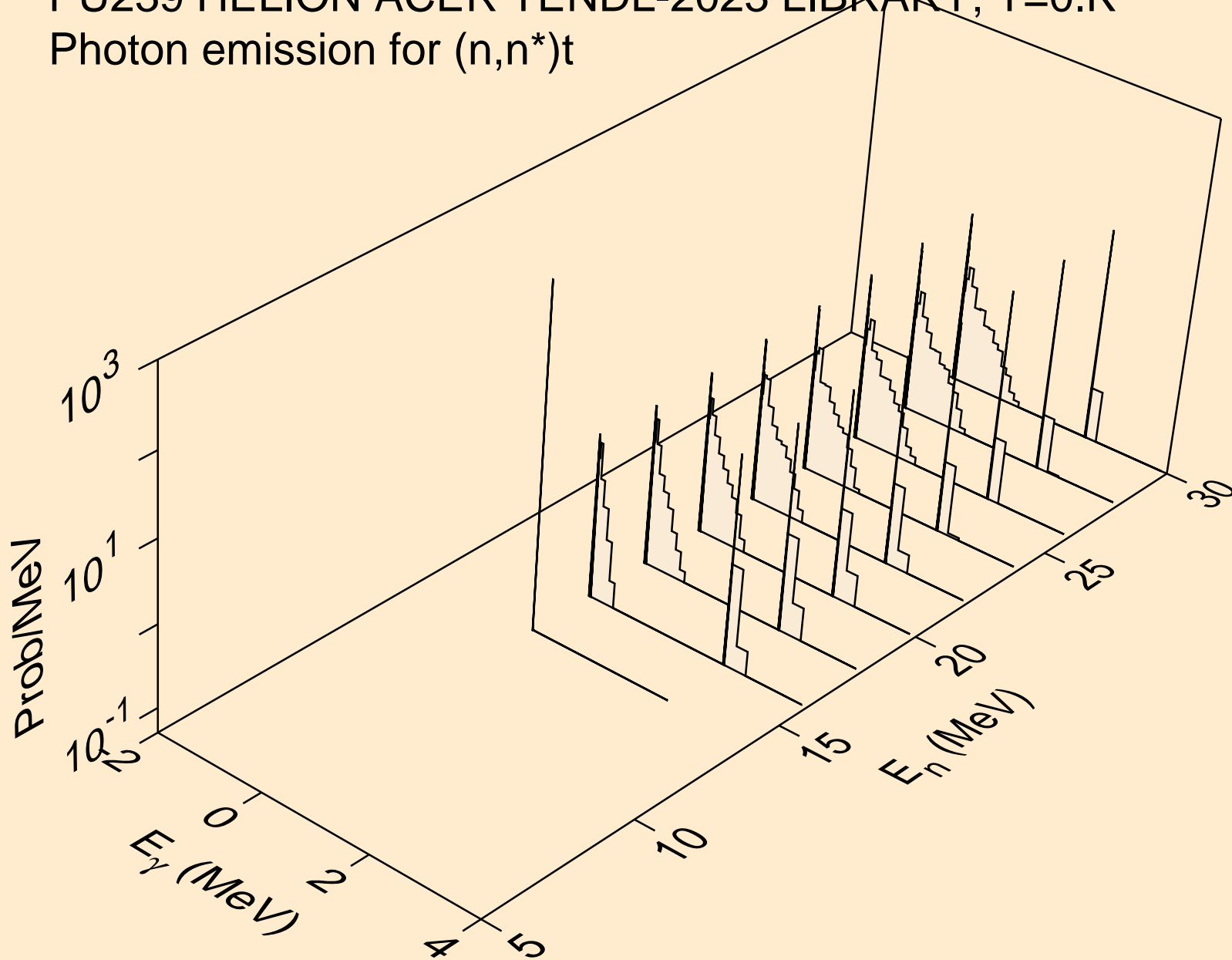
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Photon emission for (n,n*)p



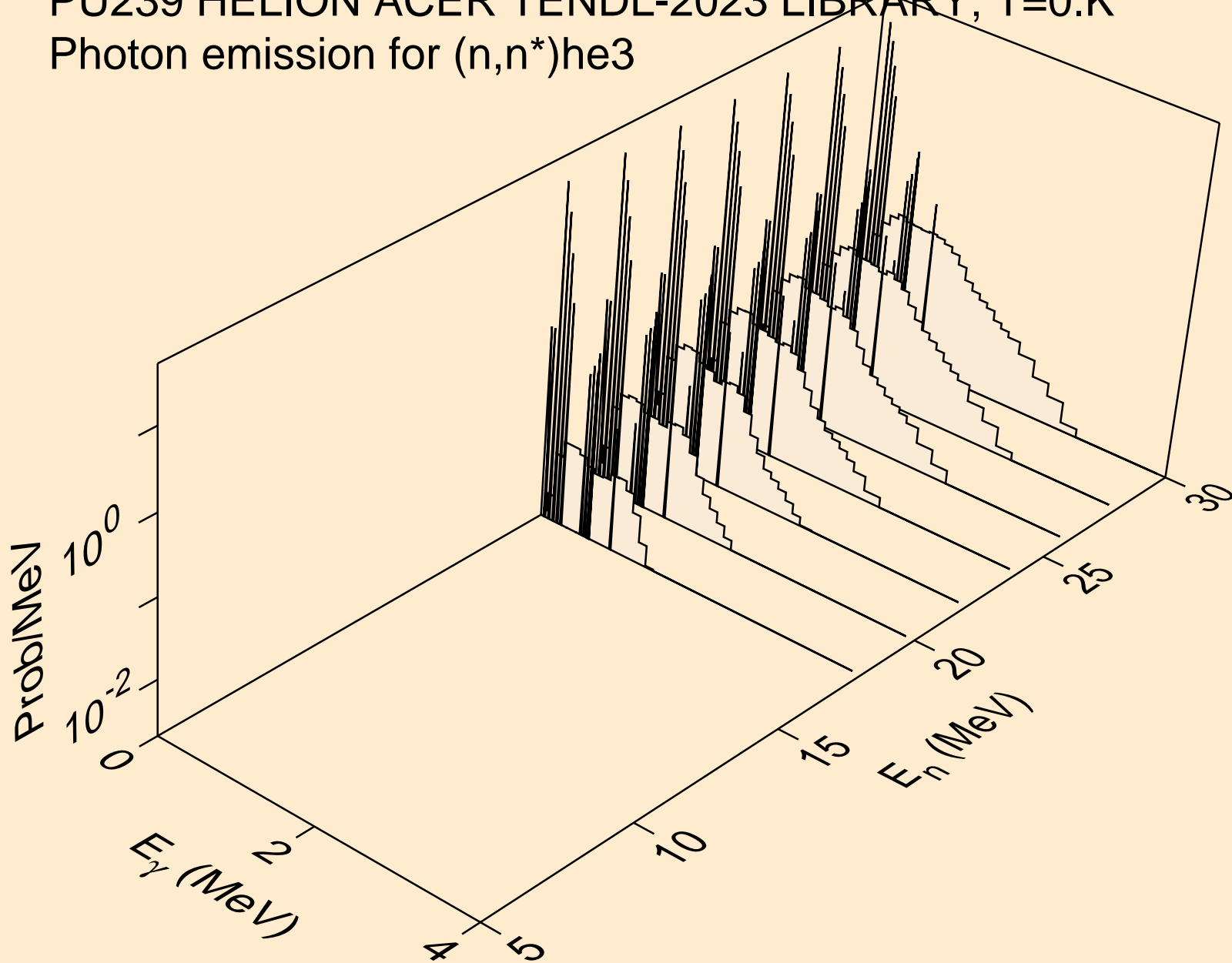
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Photon emission for (n,n*)d



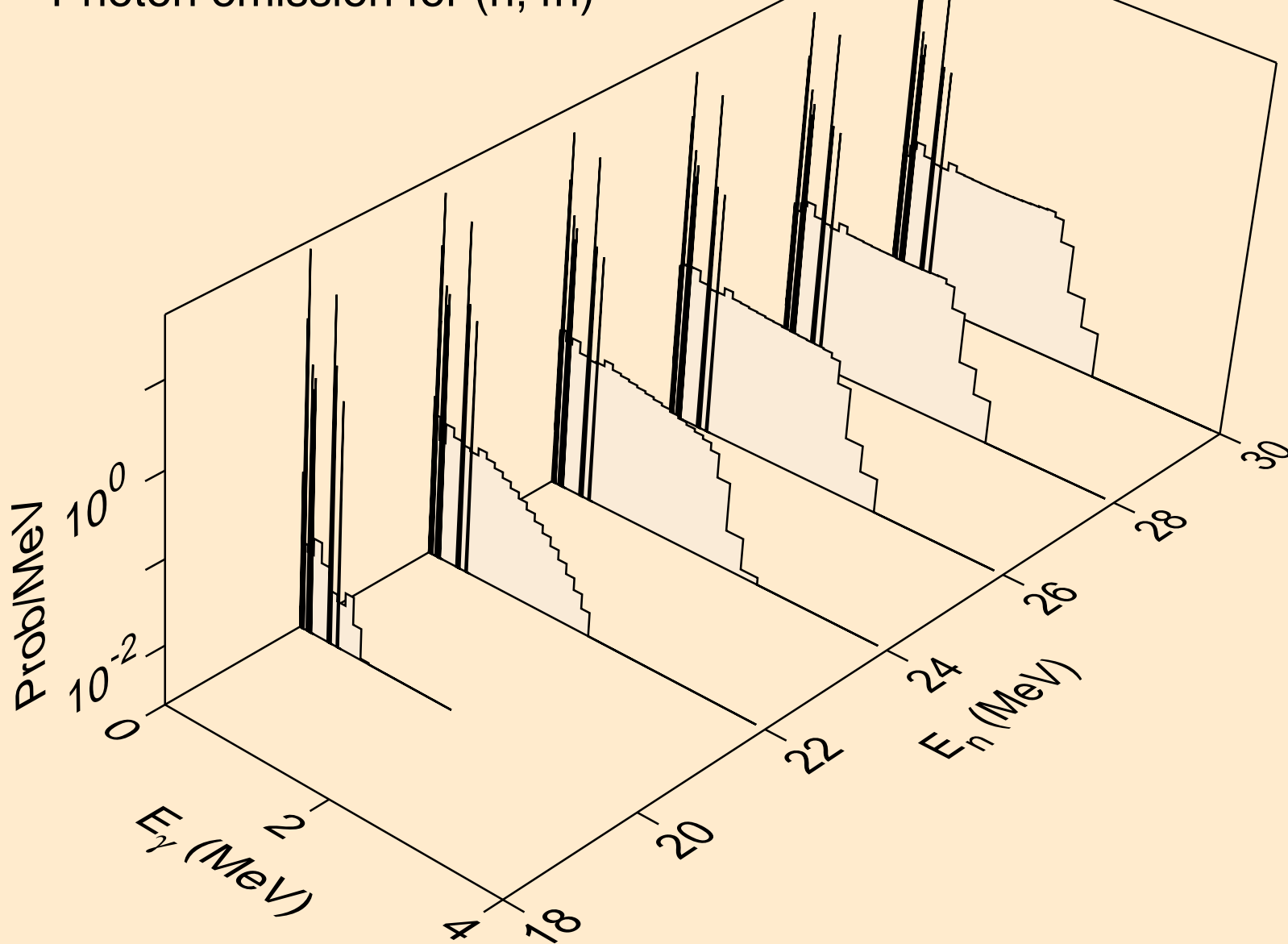
PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



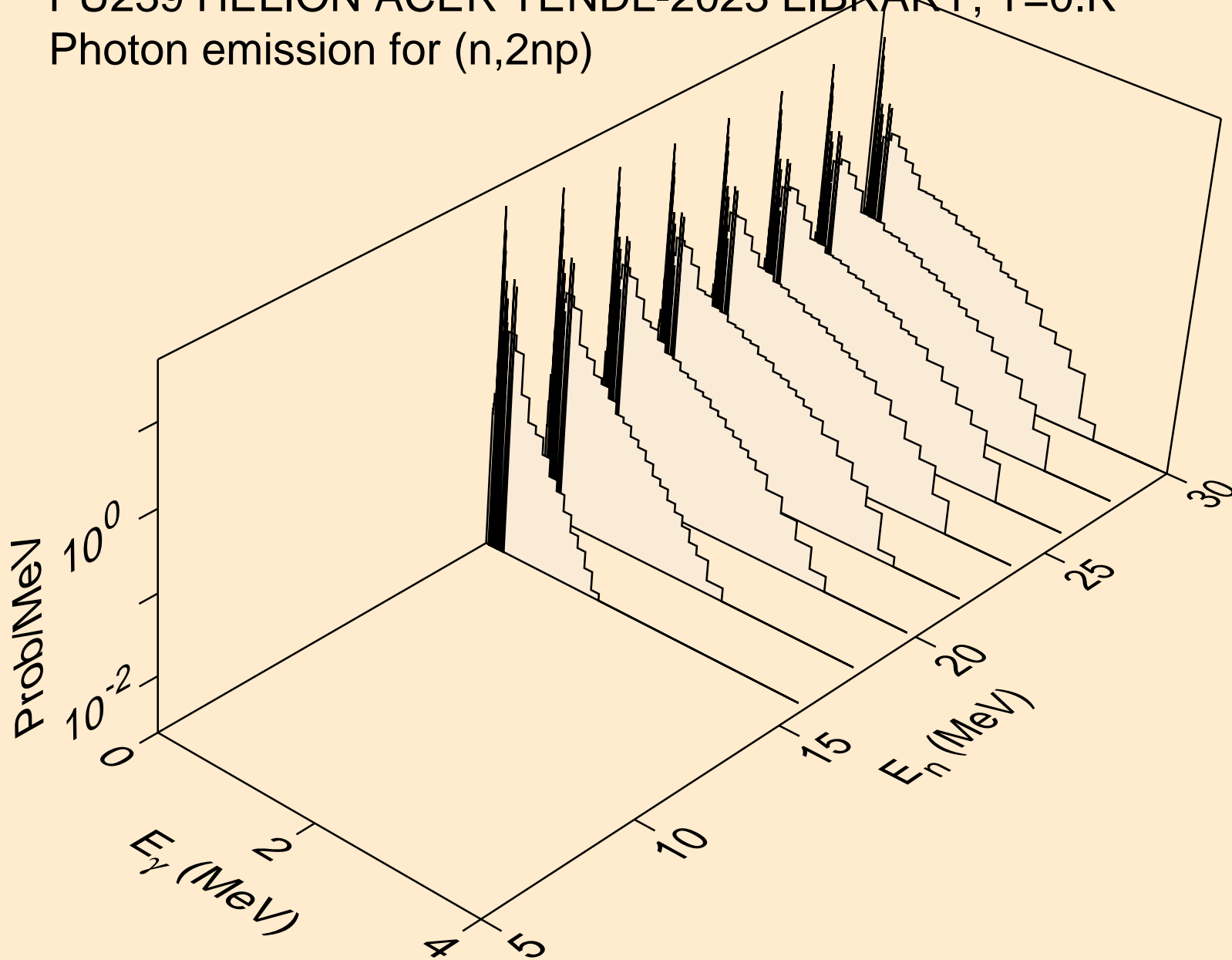
PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



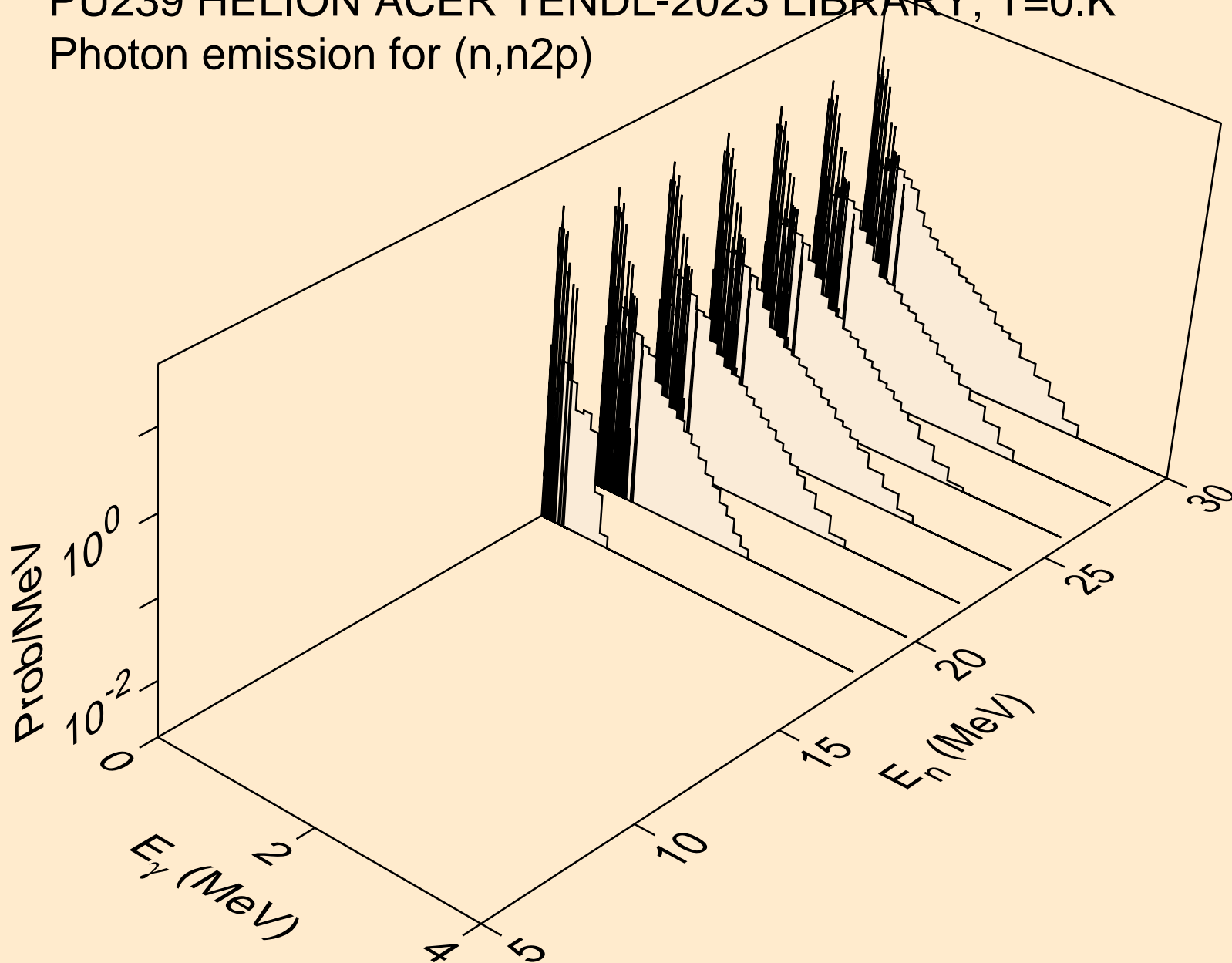
PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



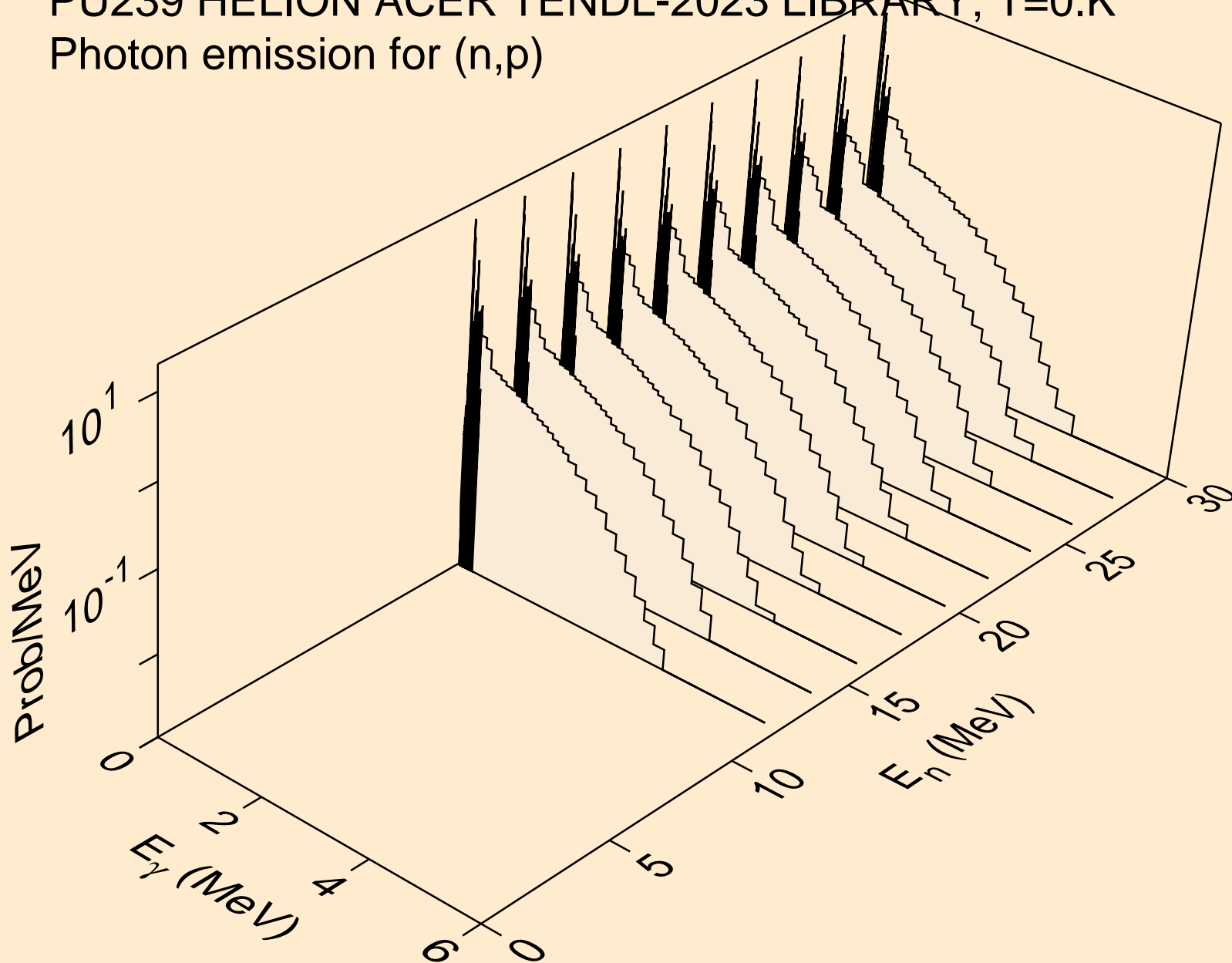
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Photon emission for (n,2np)



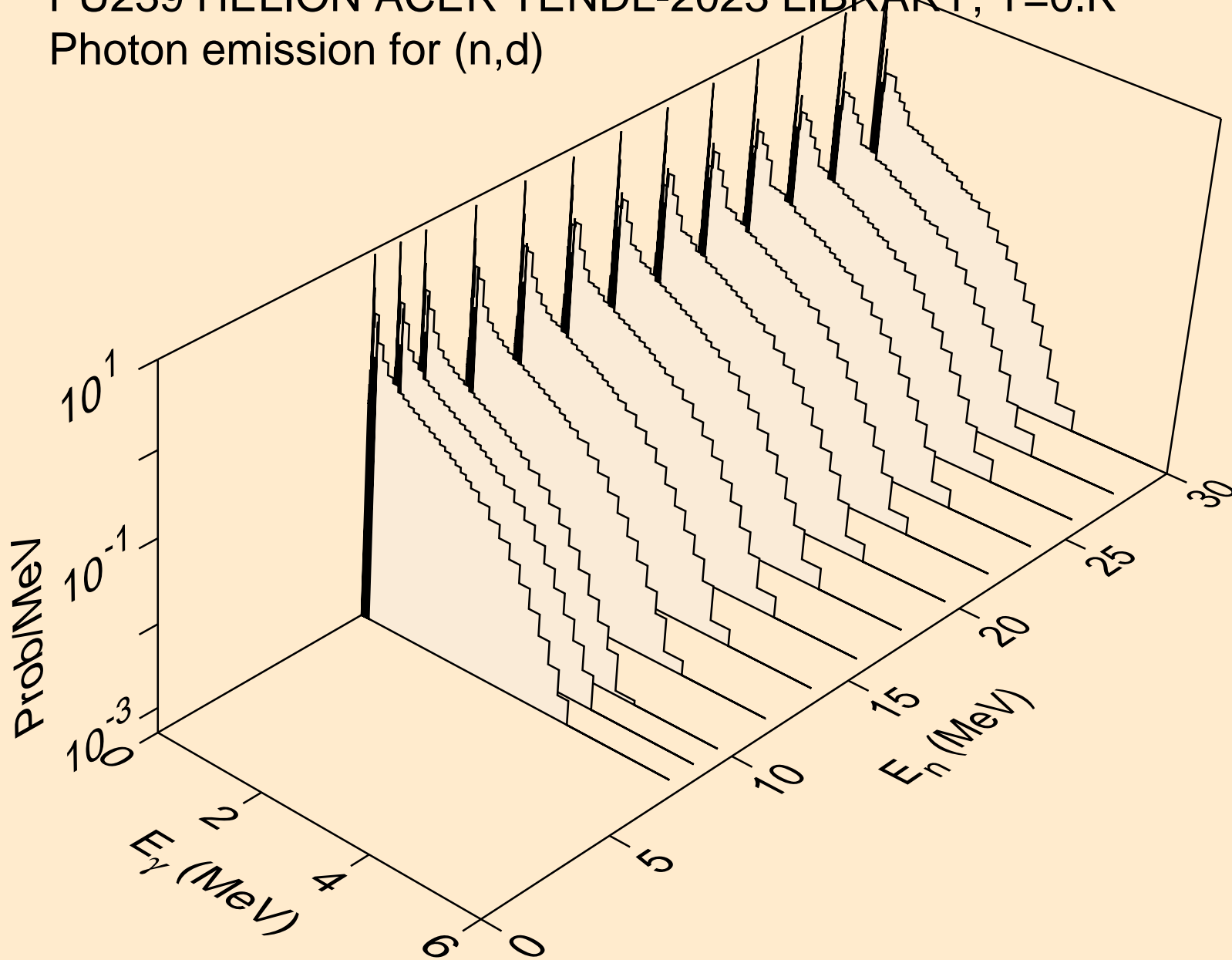
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Photon emission for (n,n2p)



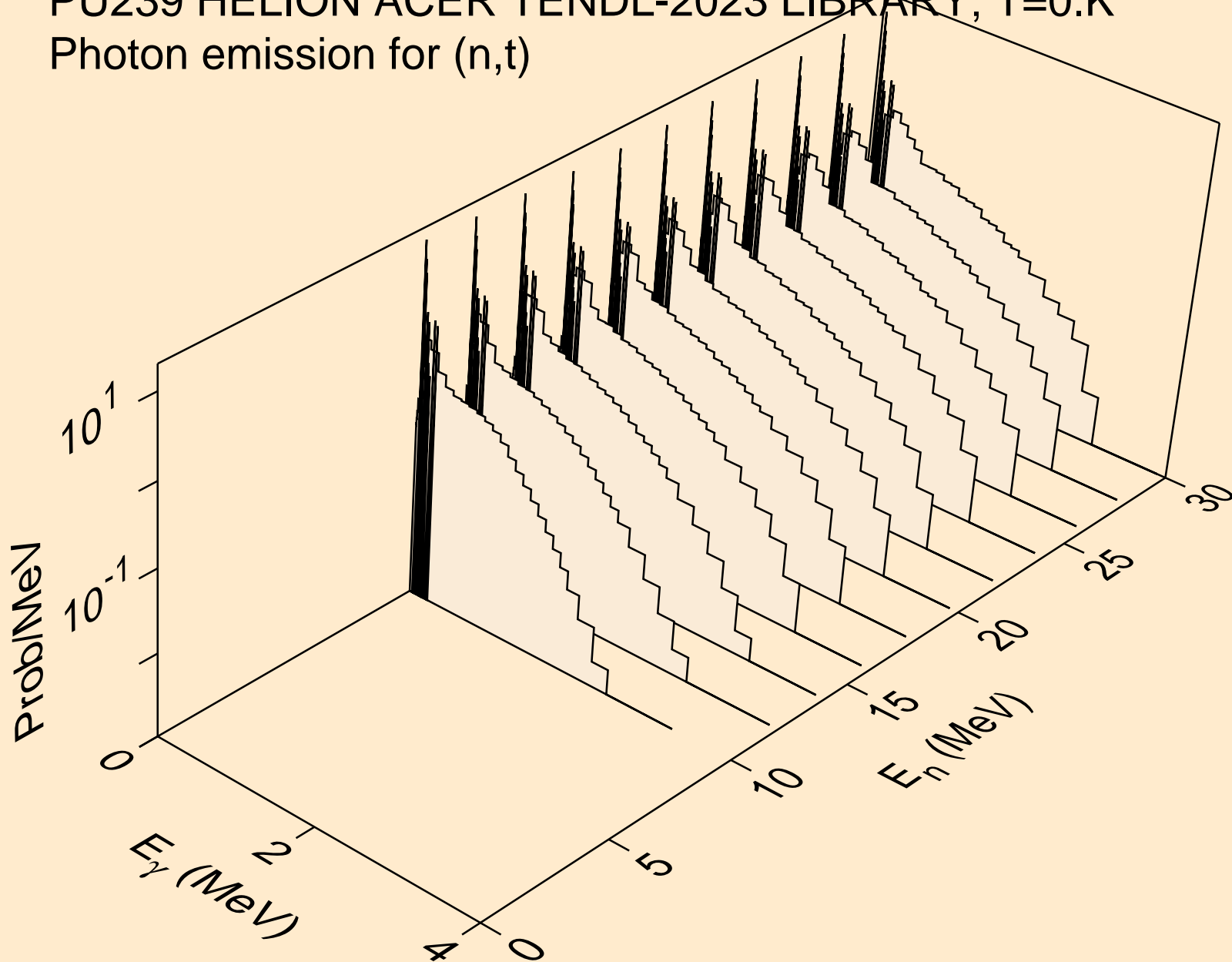
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Photon emission for (n,p)



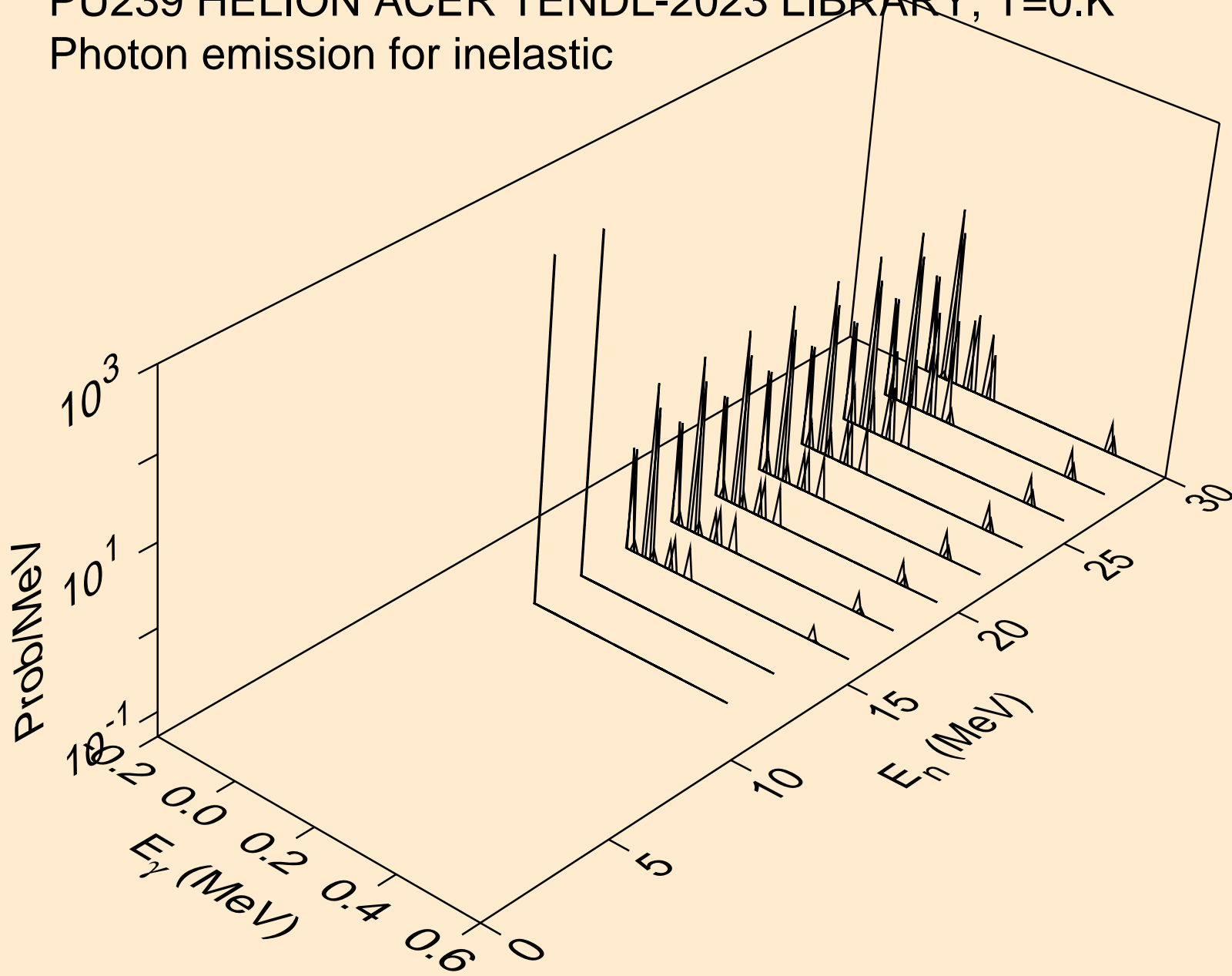
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Photon emission for (n,d)



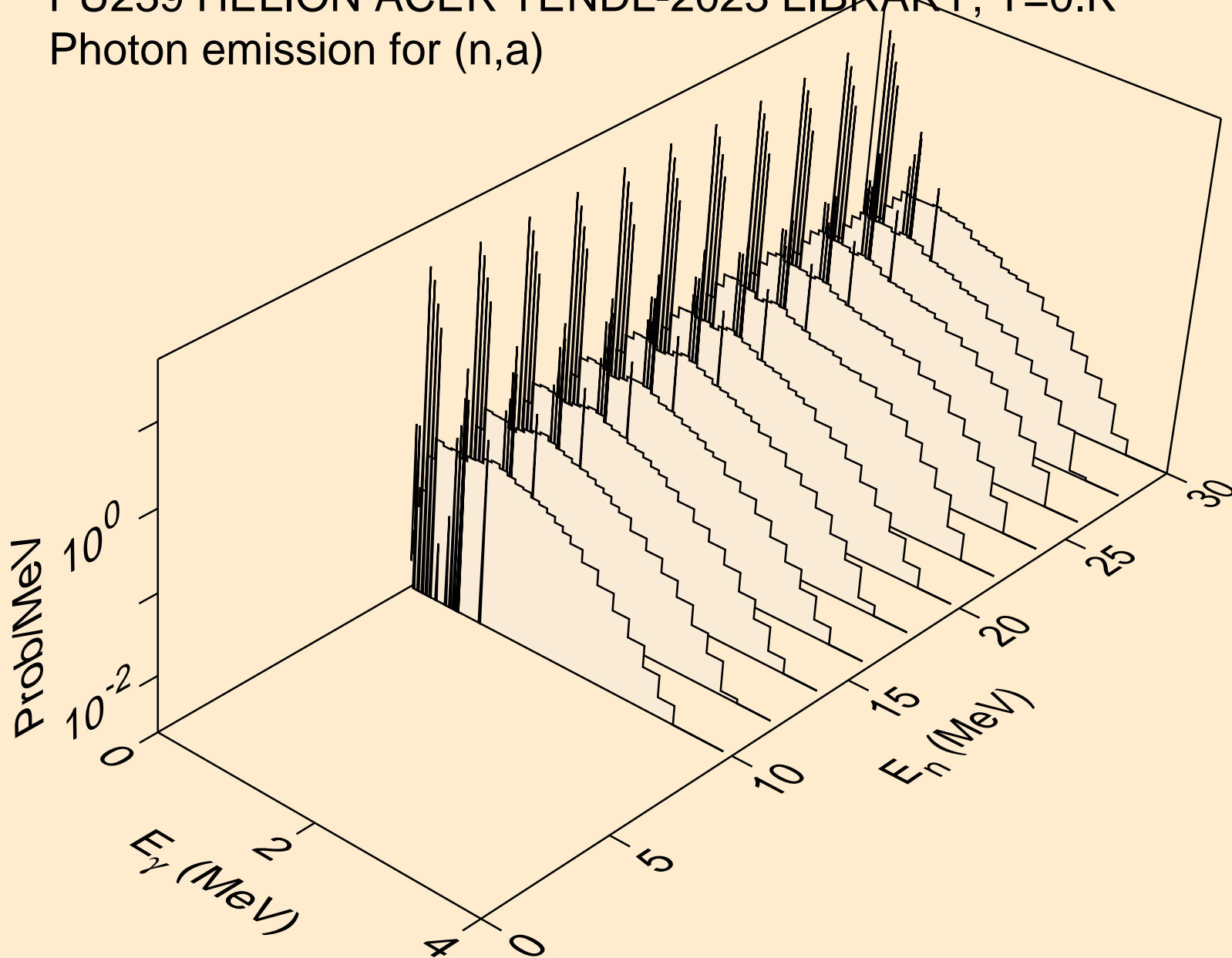
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Photon emission for (n,t)



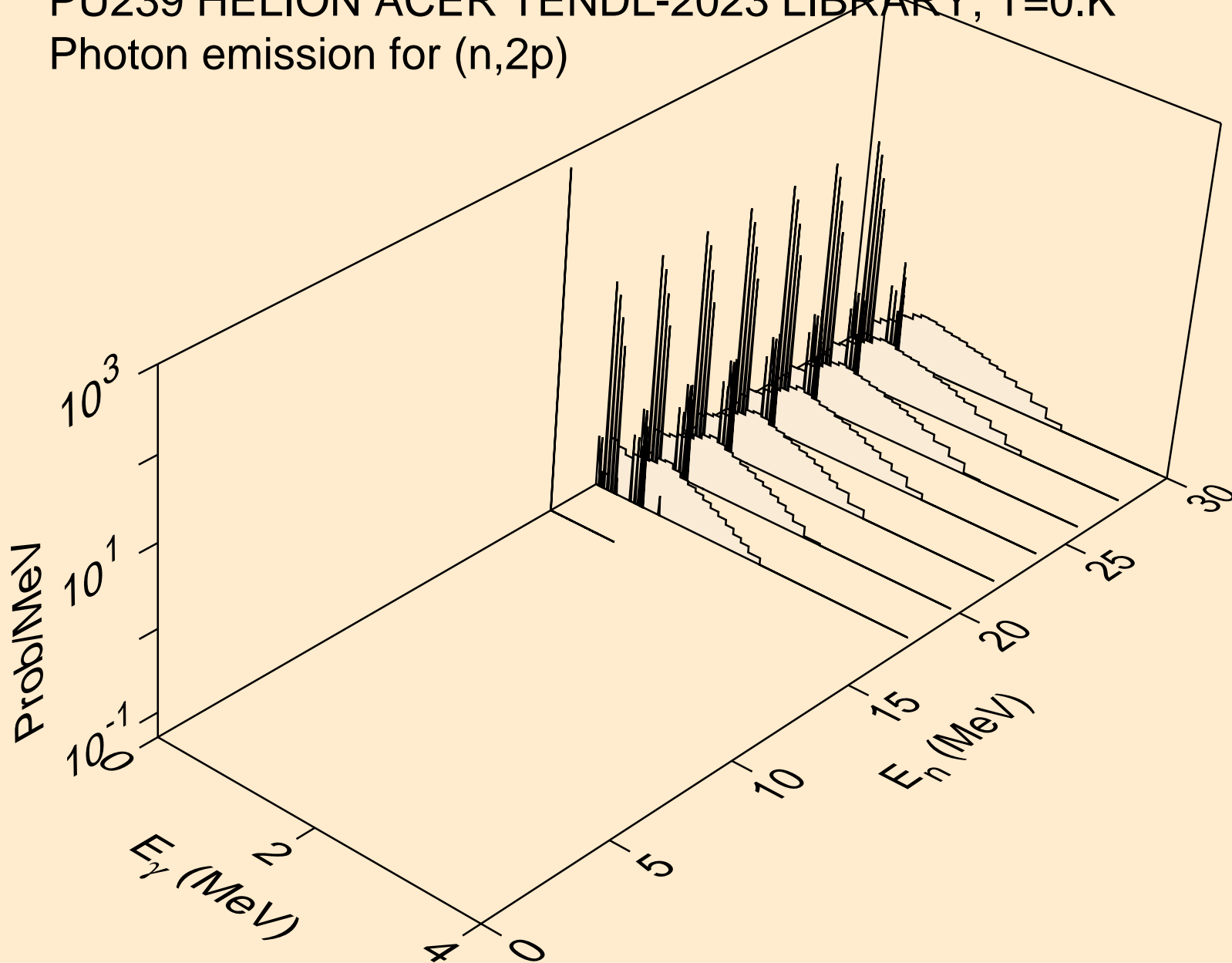
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Photon emission for inelastic



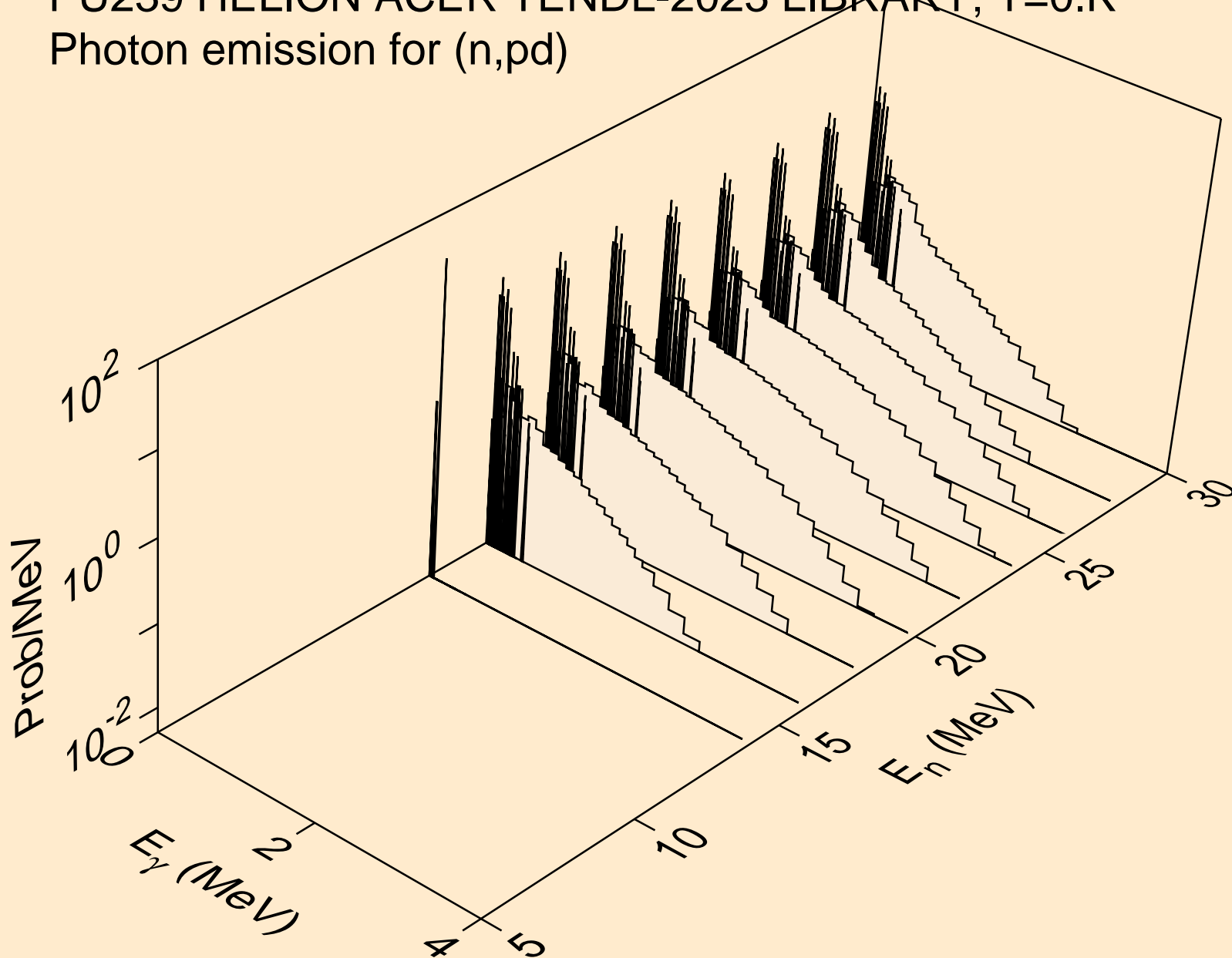
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Photon emission for (n,a)



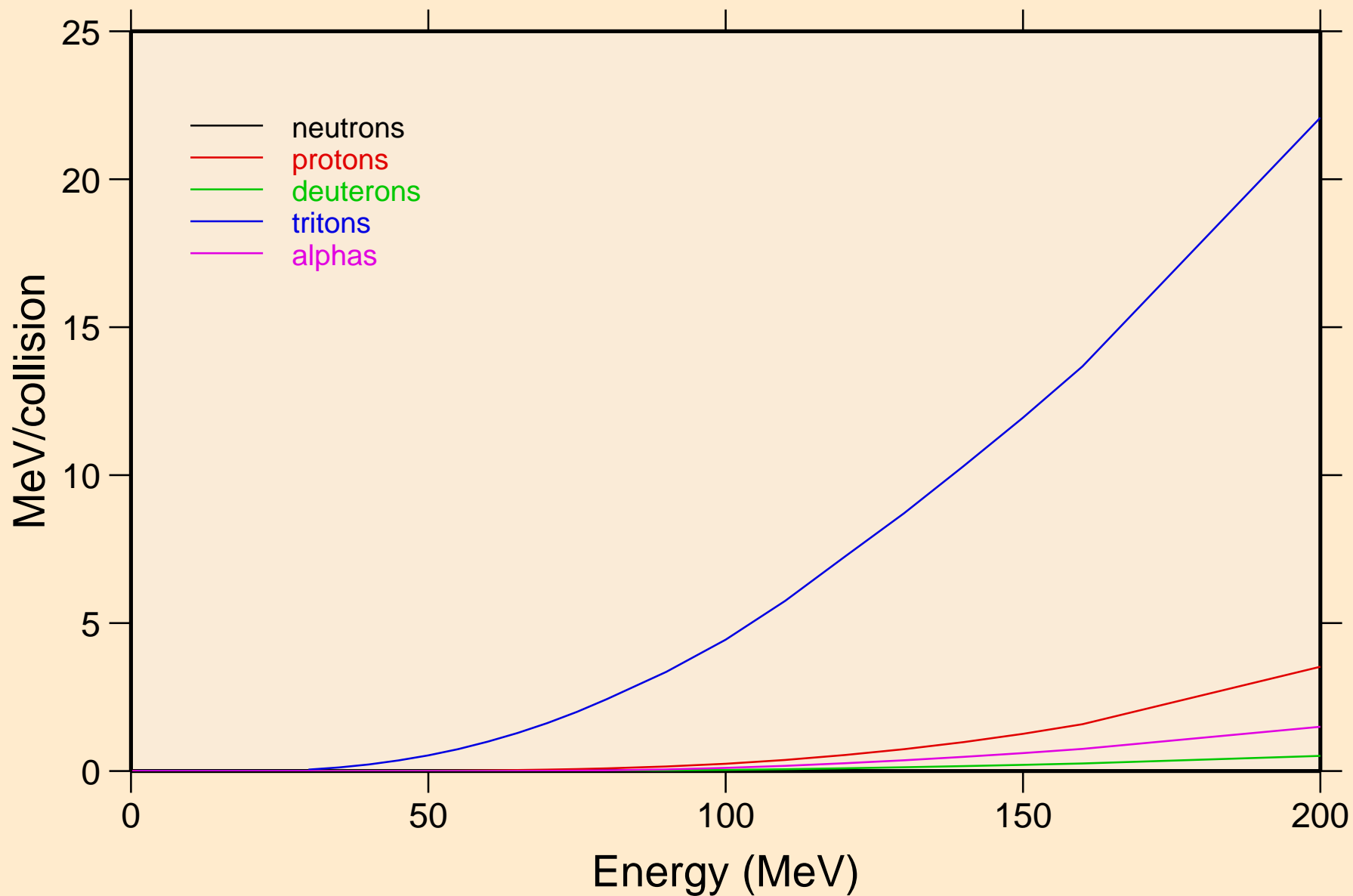
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Photon emission for (n,2p)



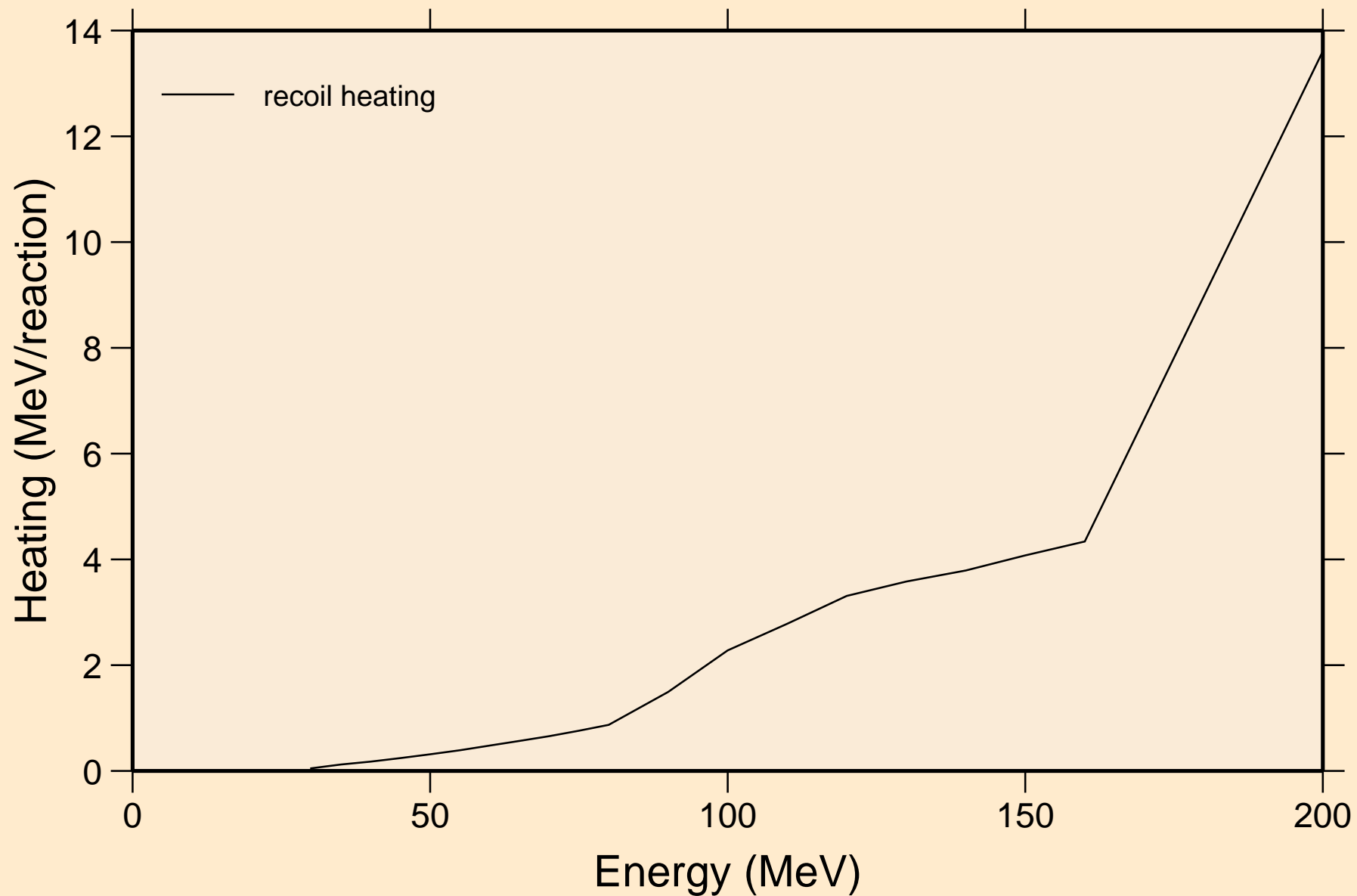
PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

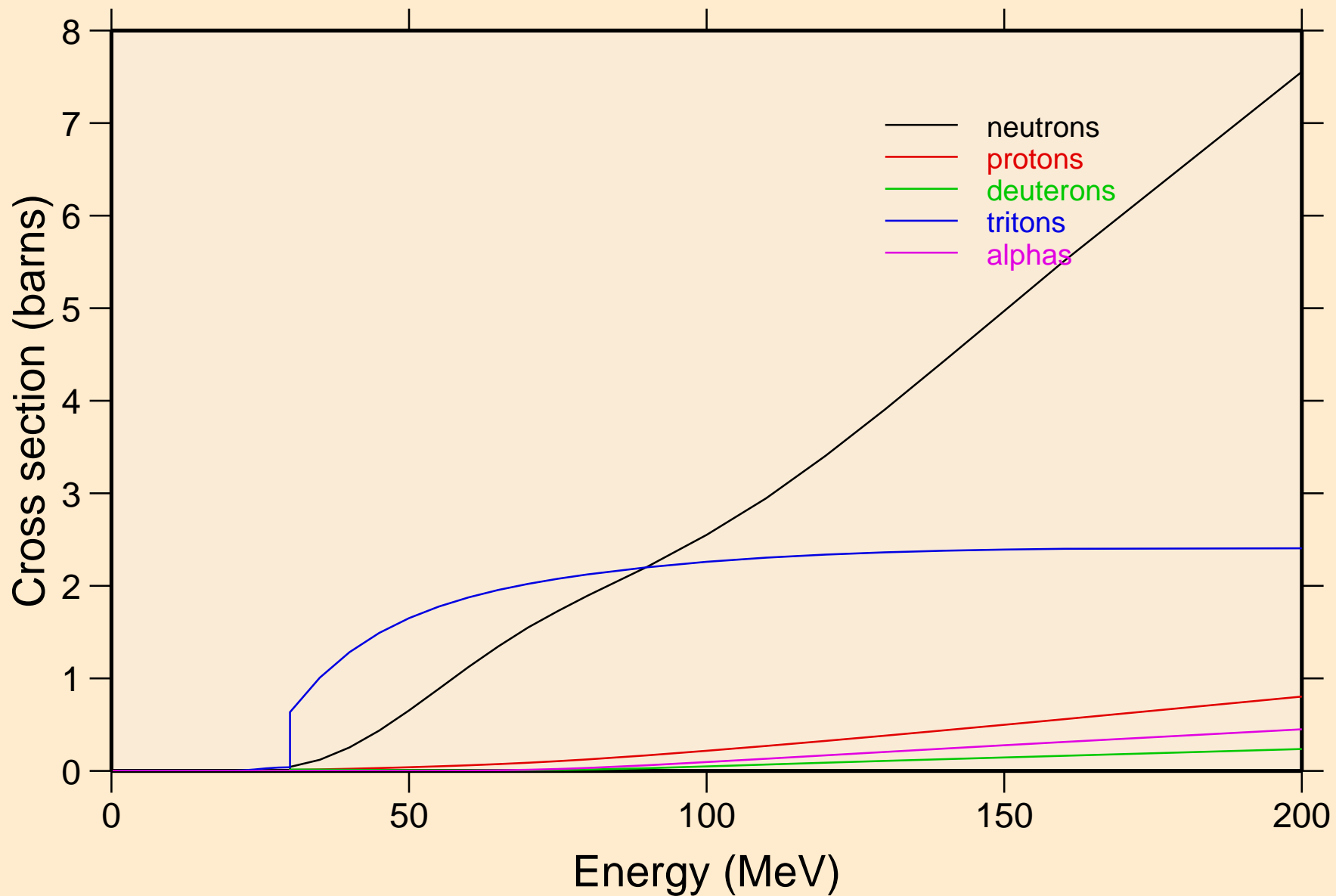


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Recoil Heating

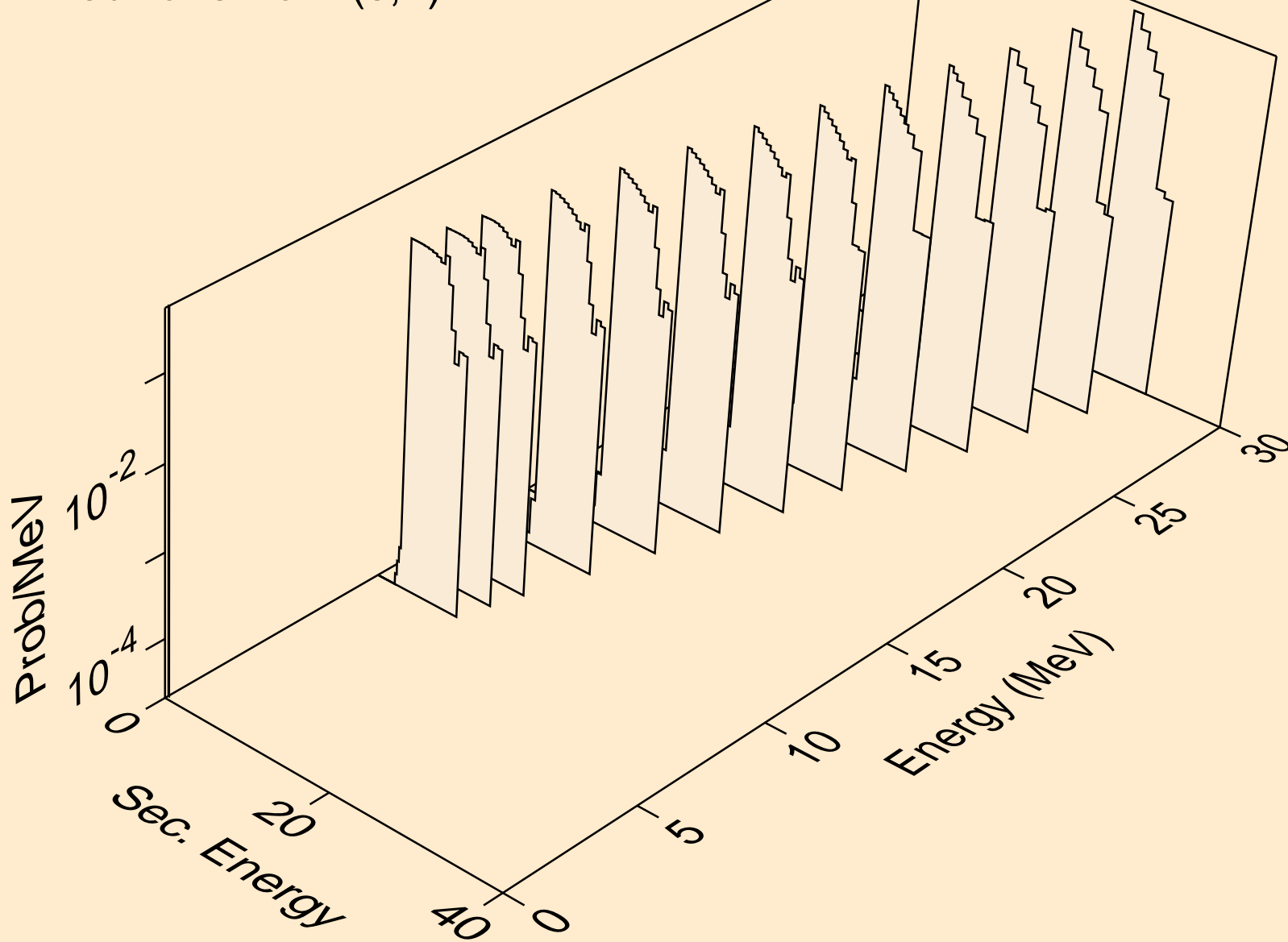


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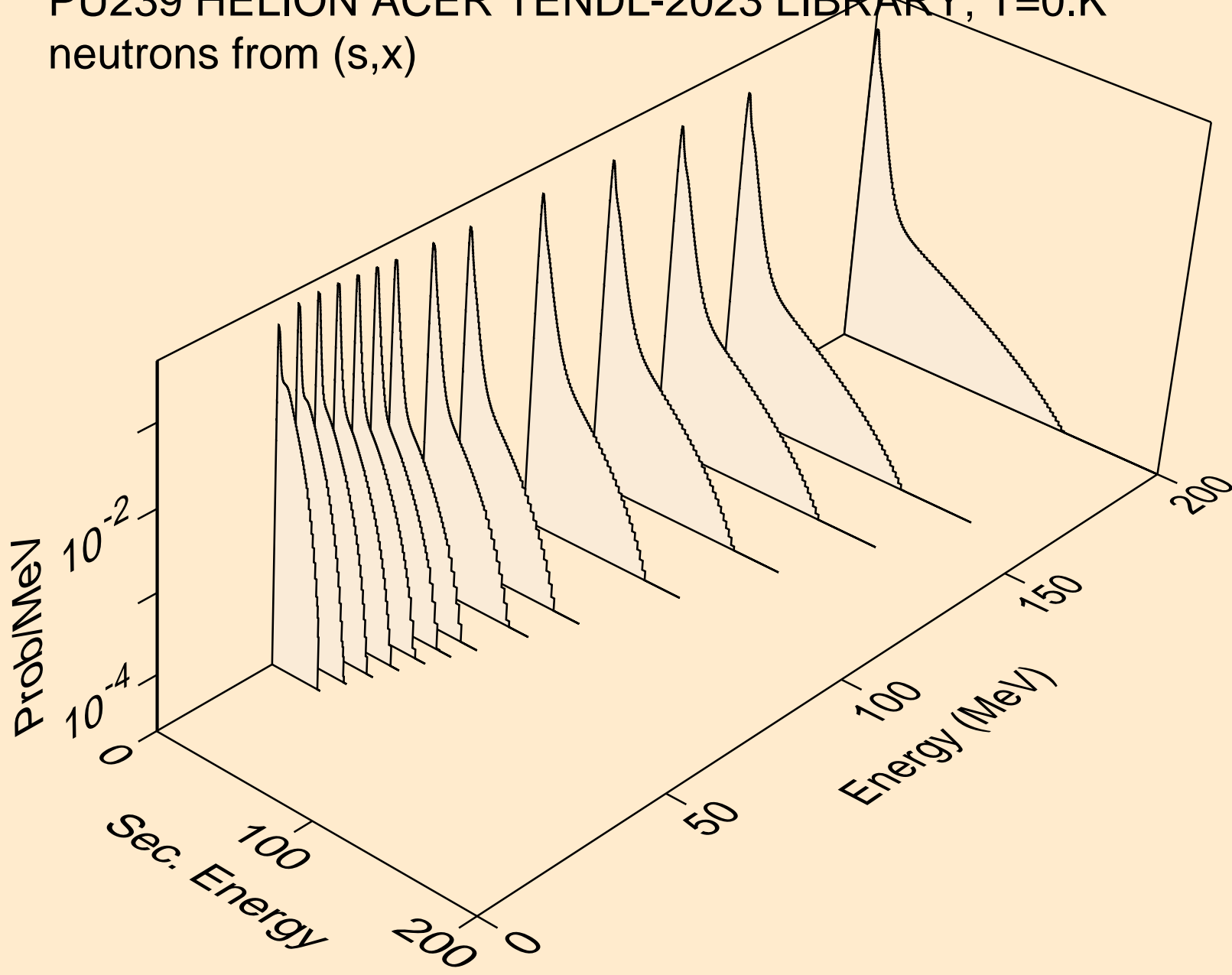
Particle production cross sections



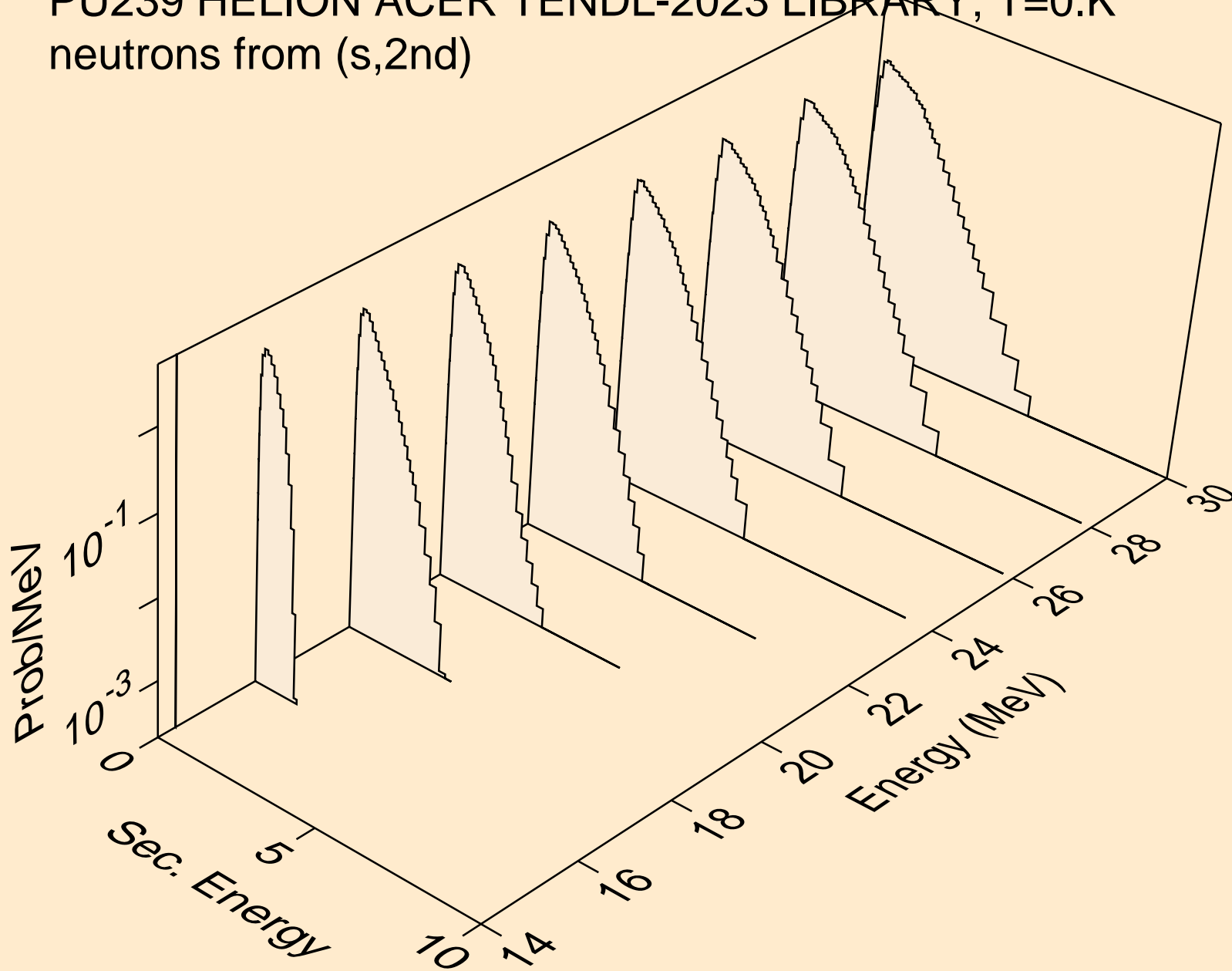
PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n)



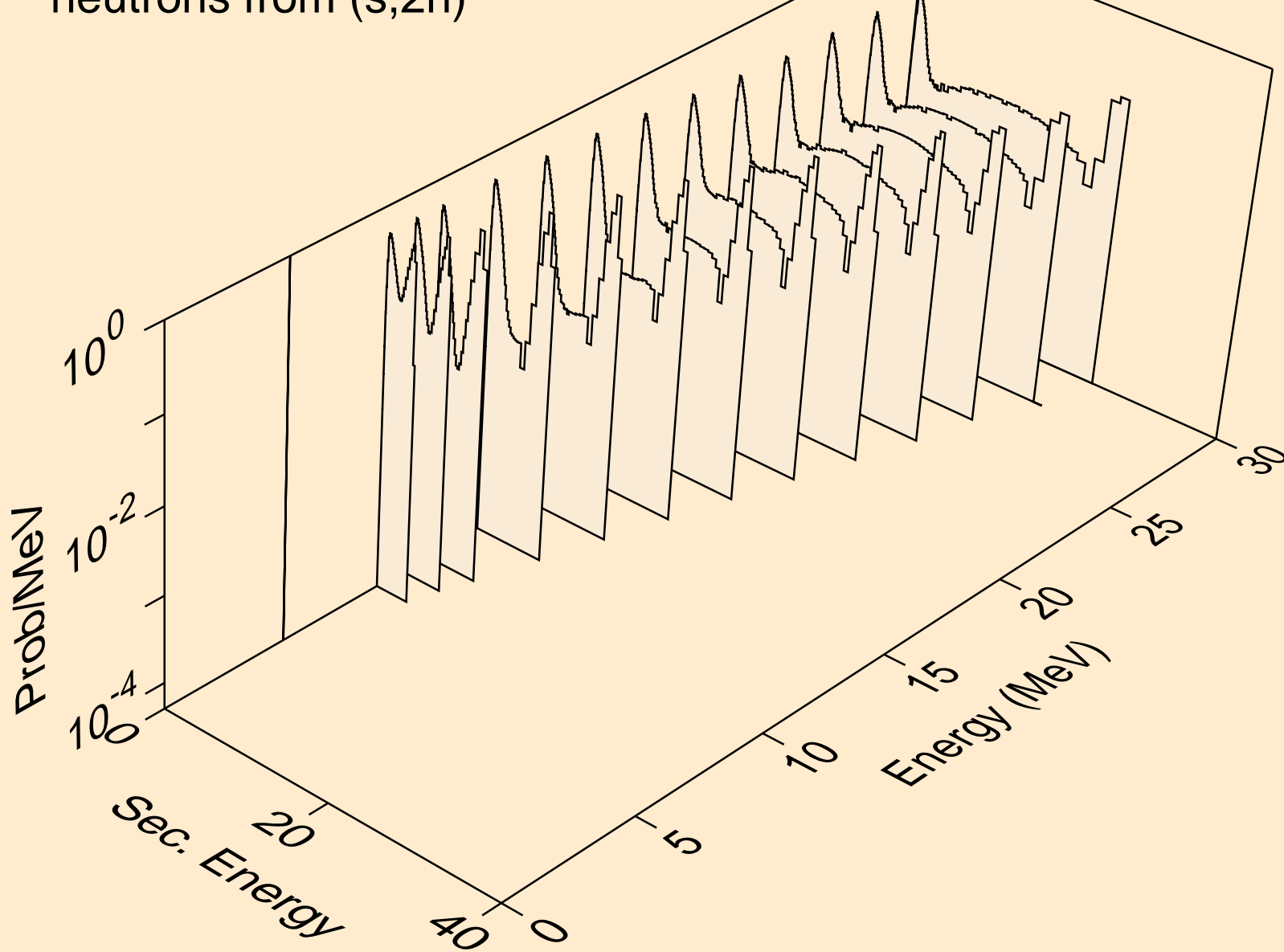
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neutrons from (s,x)



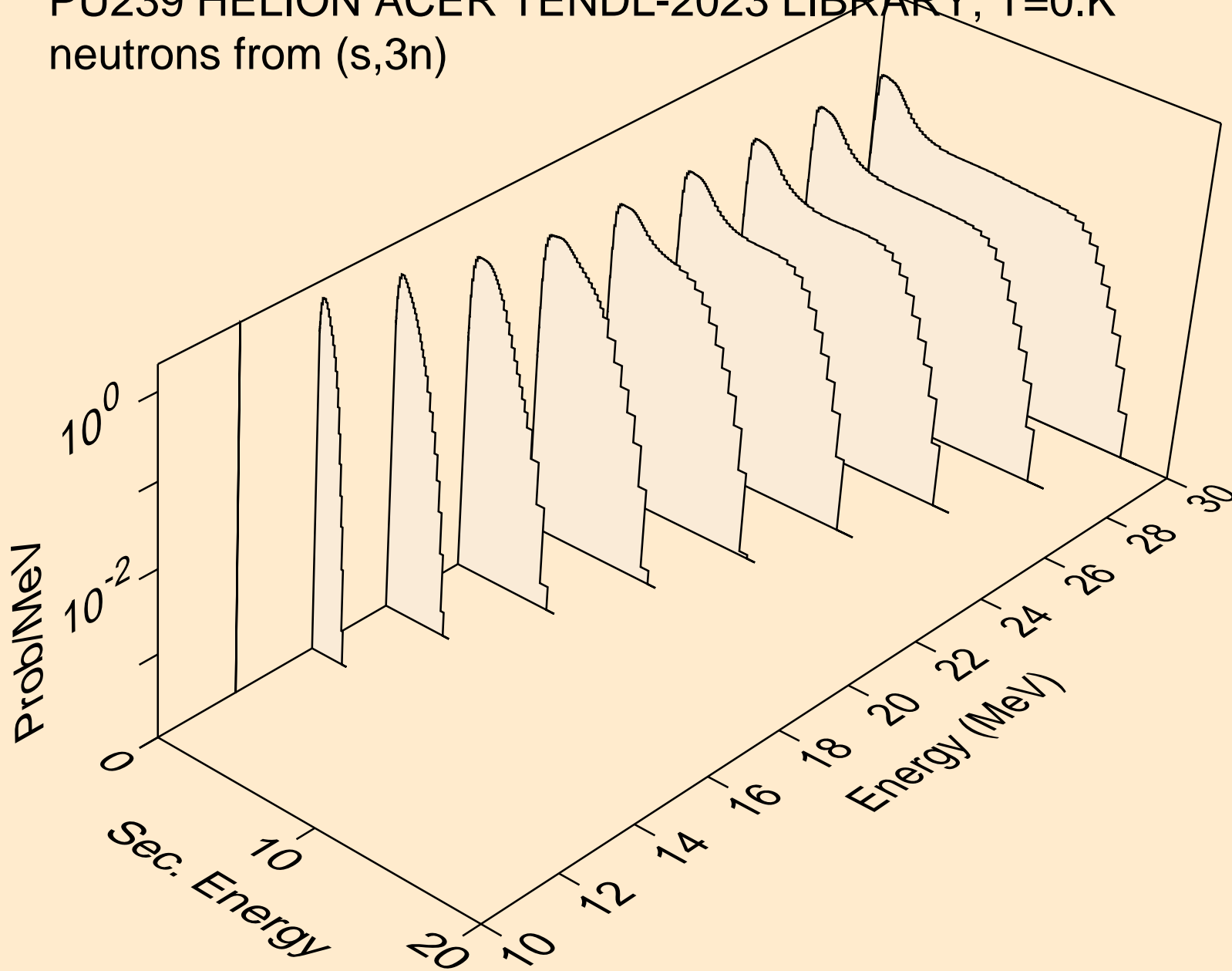
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neutrons from (s,2nd)



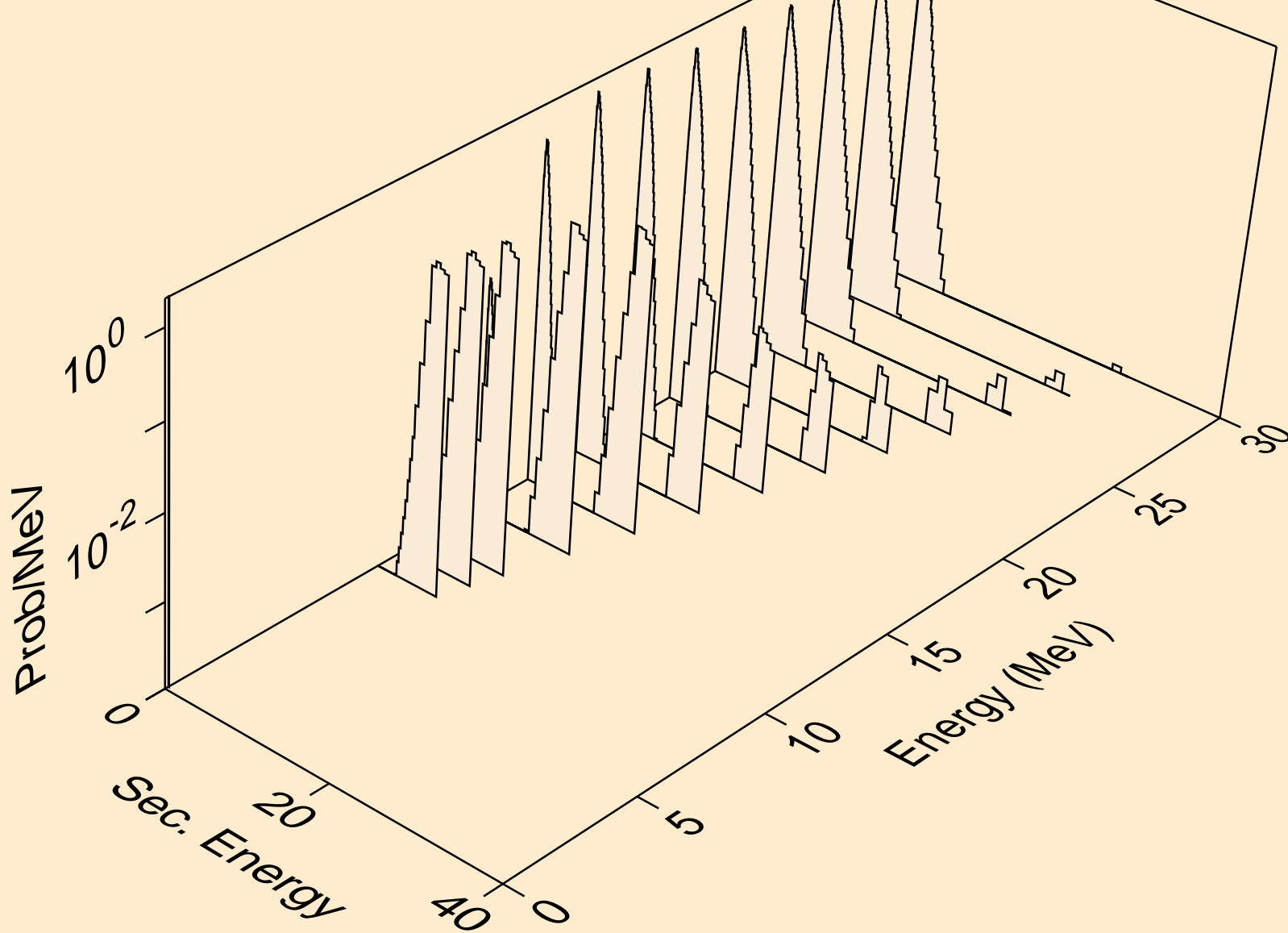
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neutrons from (s,2n)



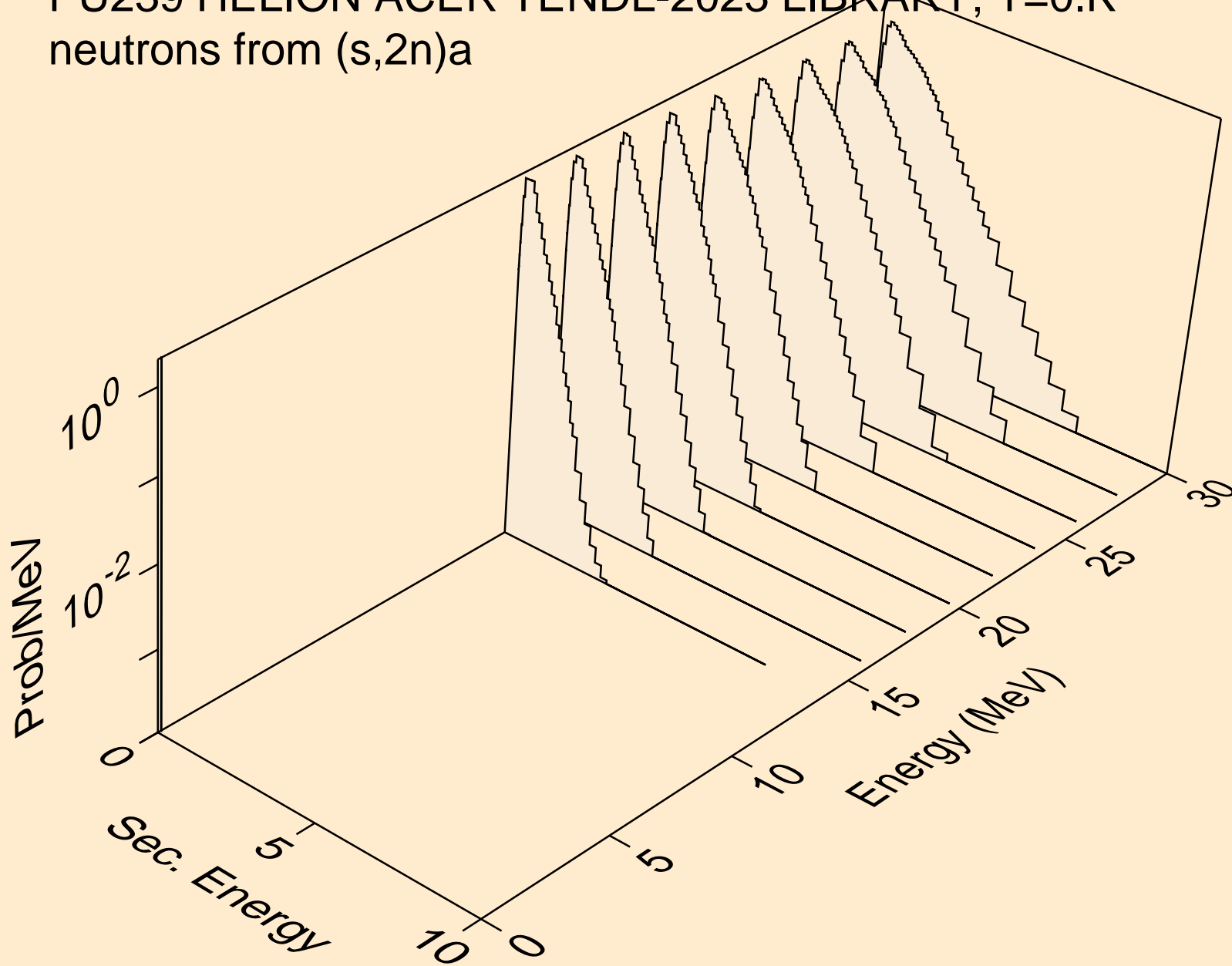
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neutrons from (s,3n)



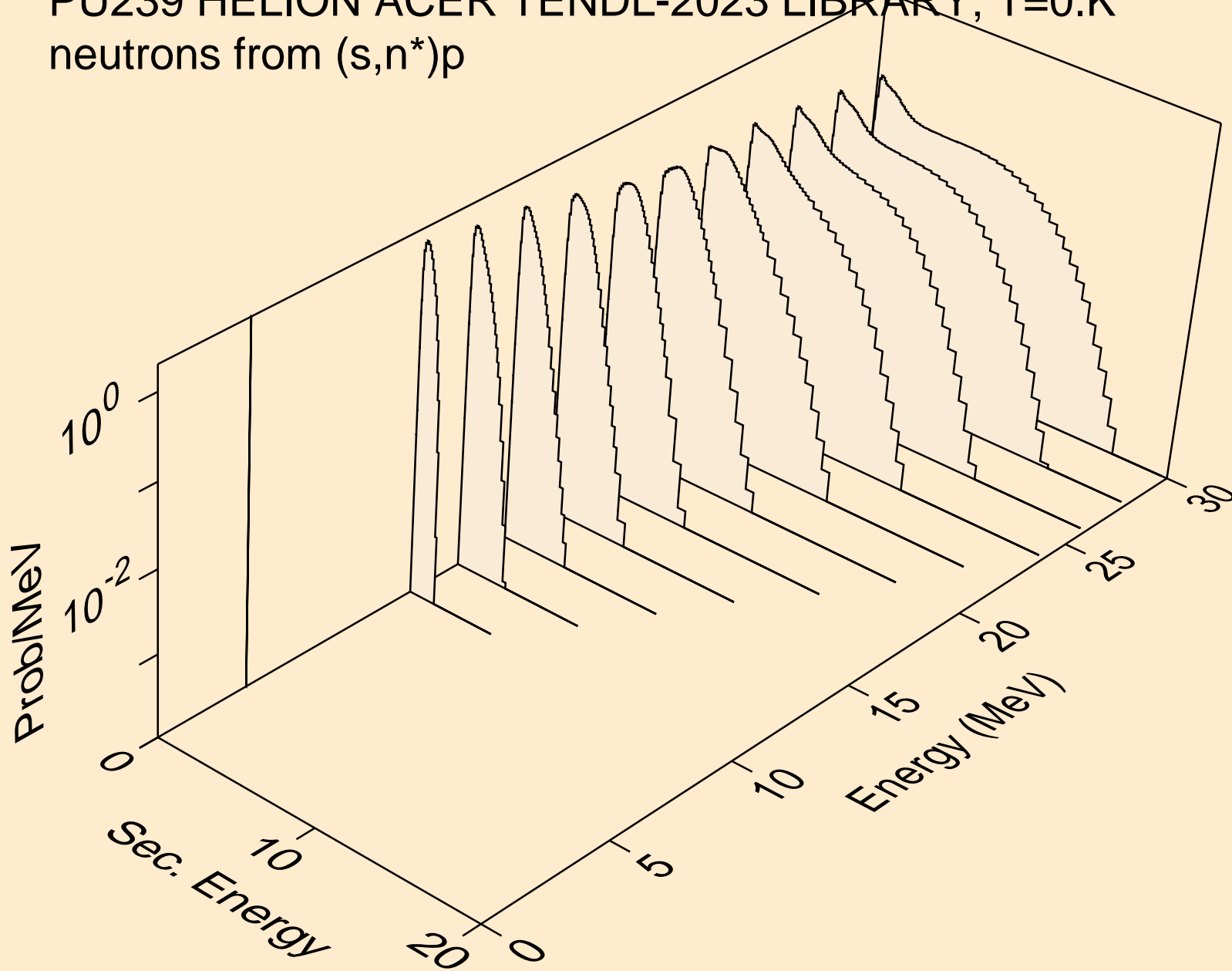
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neutrons from (s,n*)a



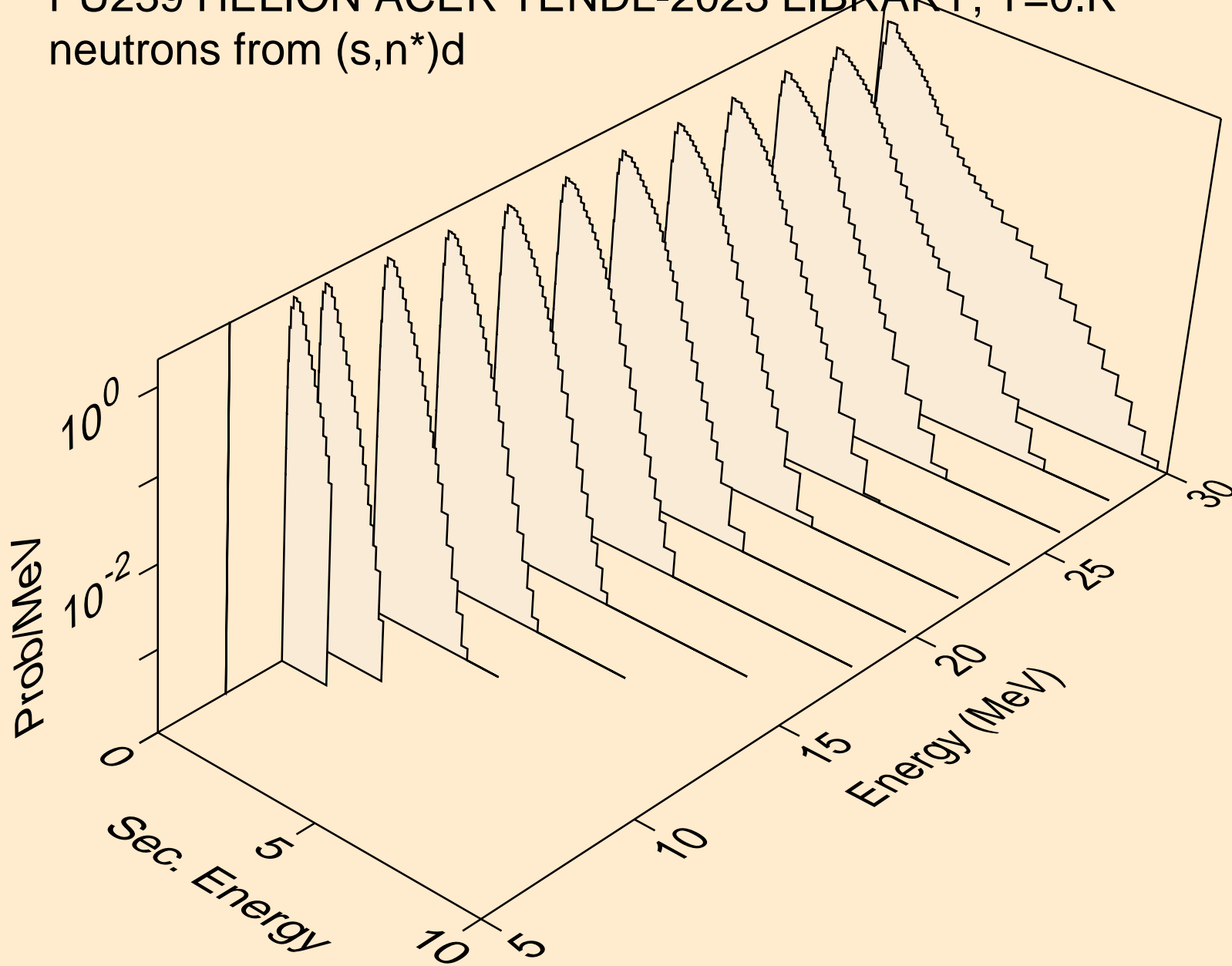
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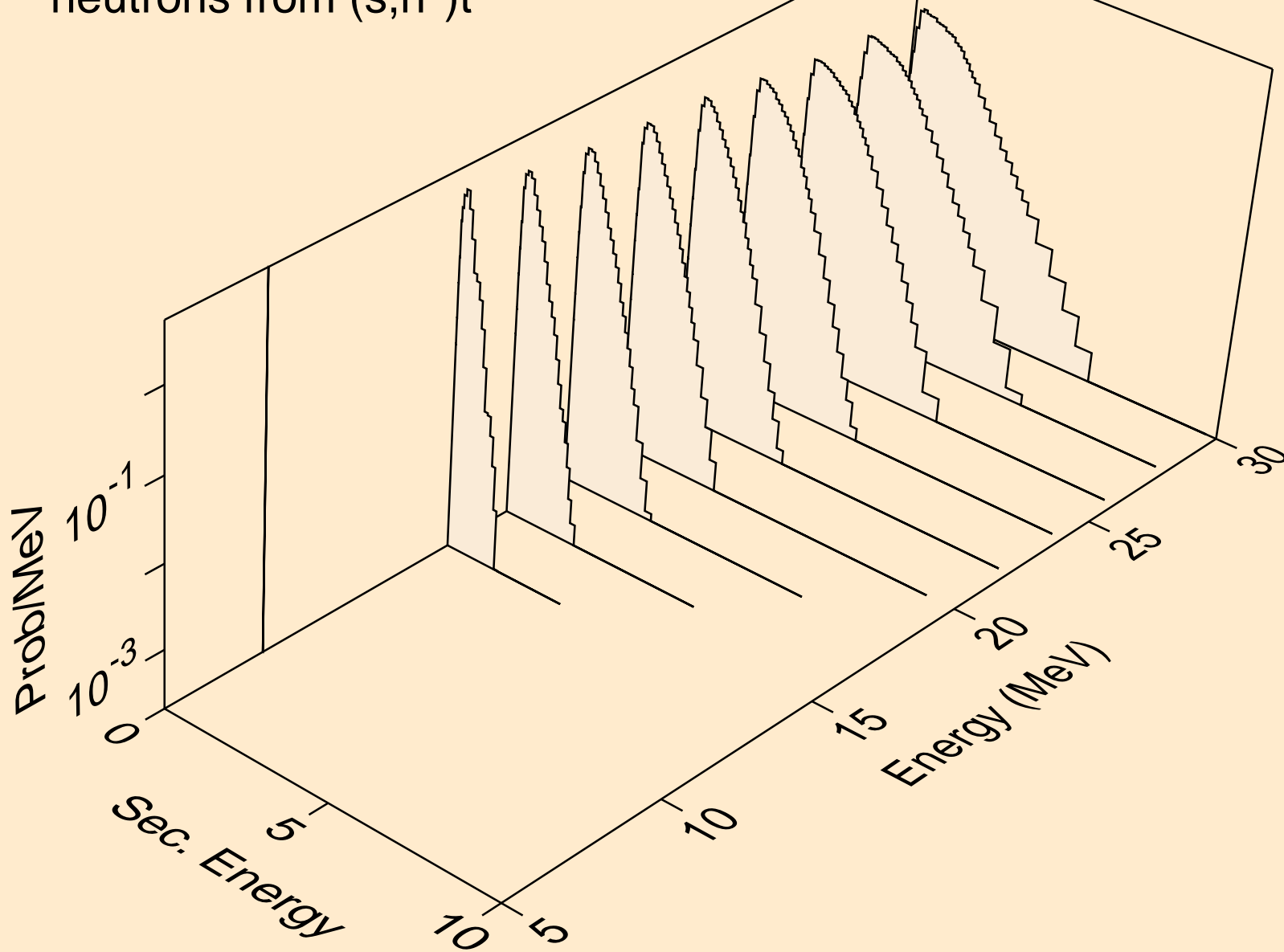
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neutrons from (s,n*)p



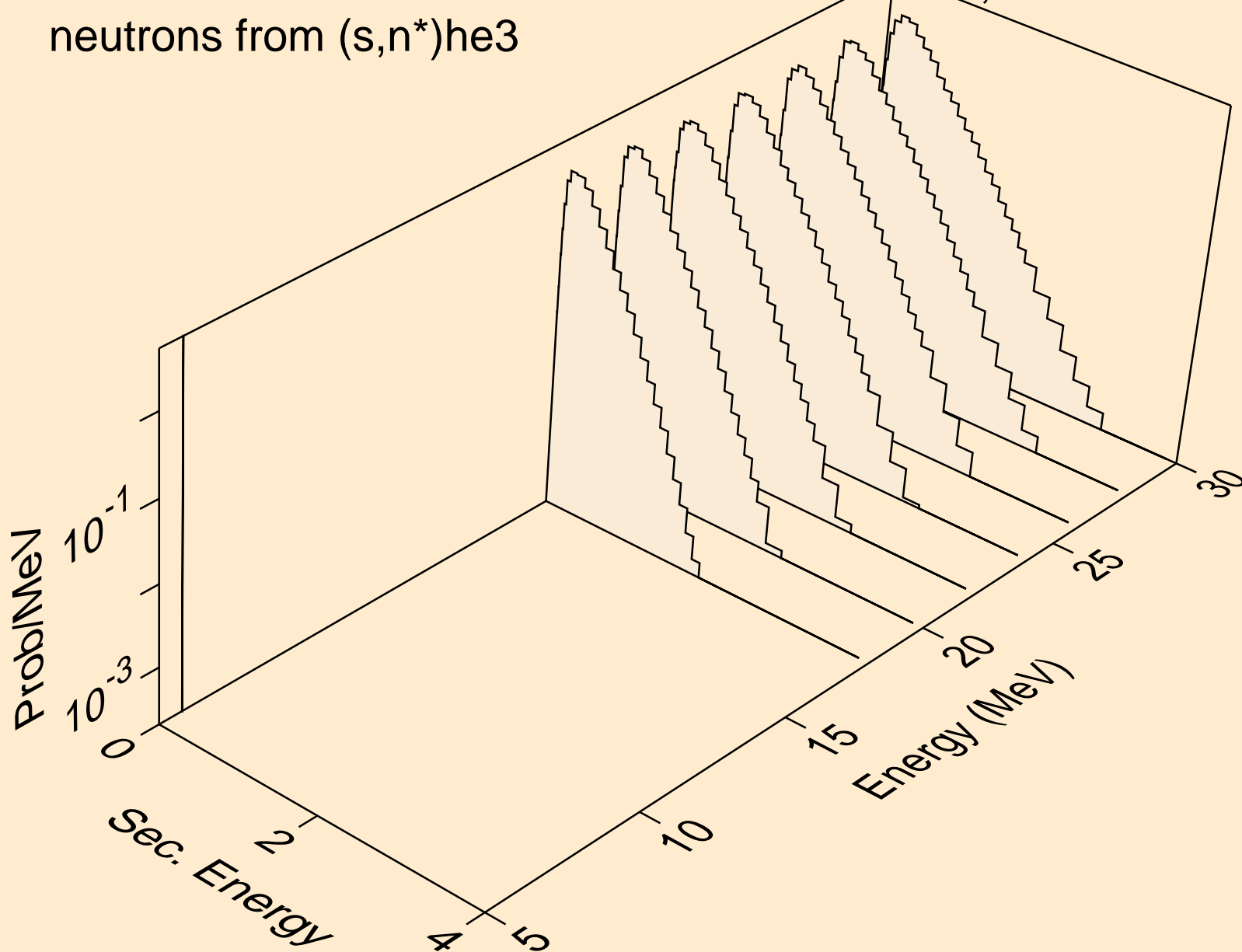
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neutrons from (s,n*)d



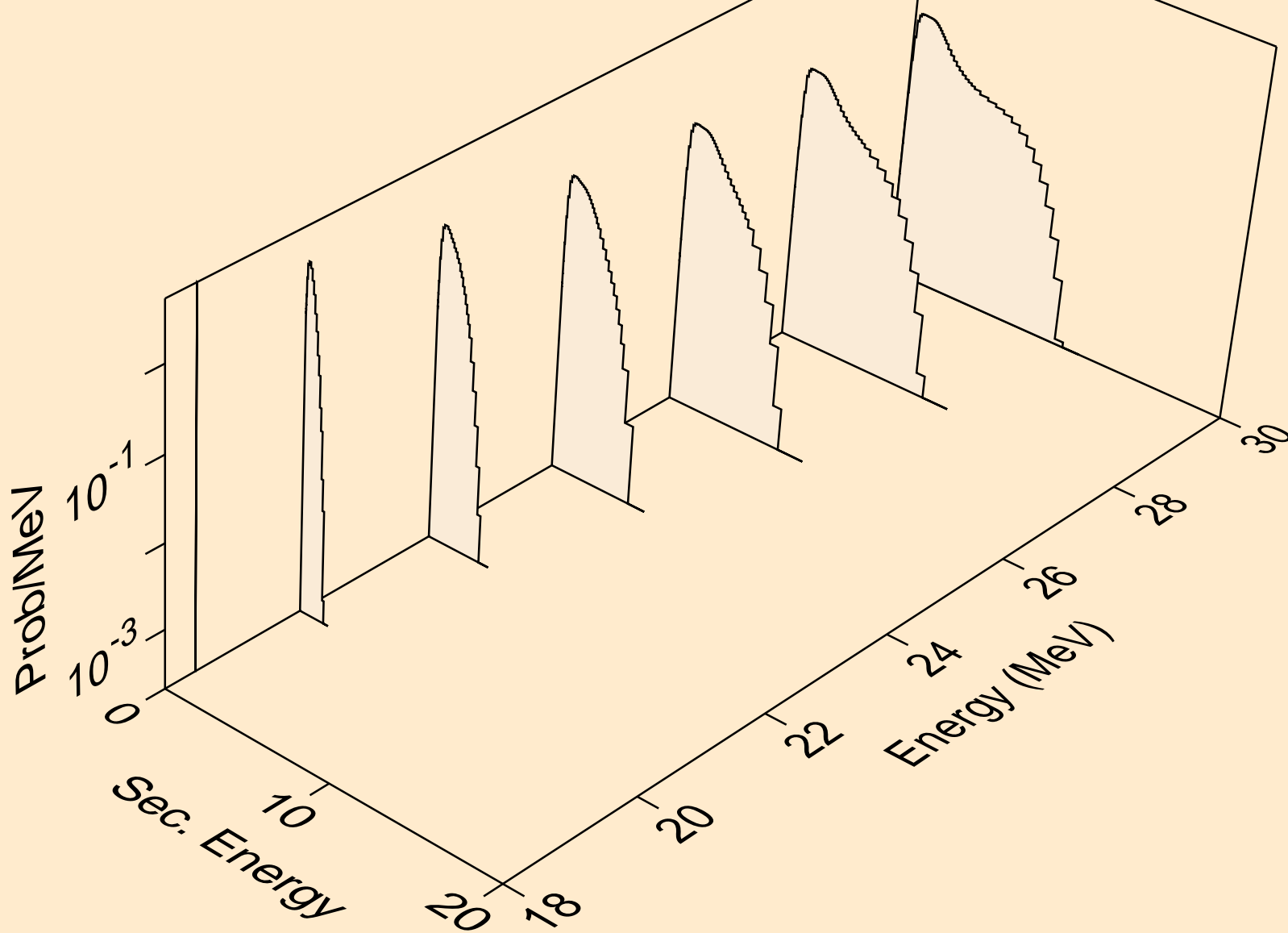
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neutrons from (s,n*)t



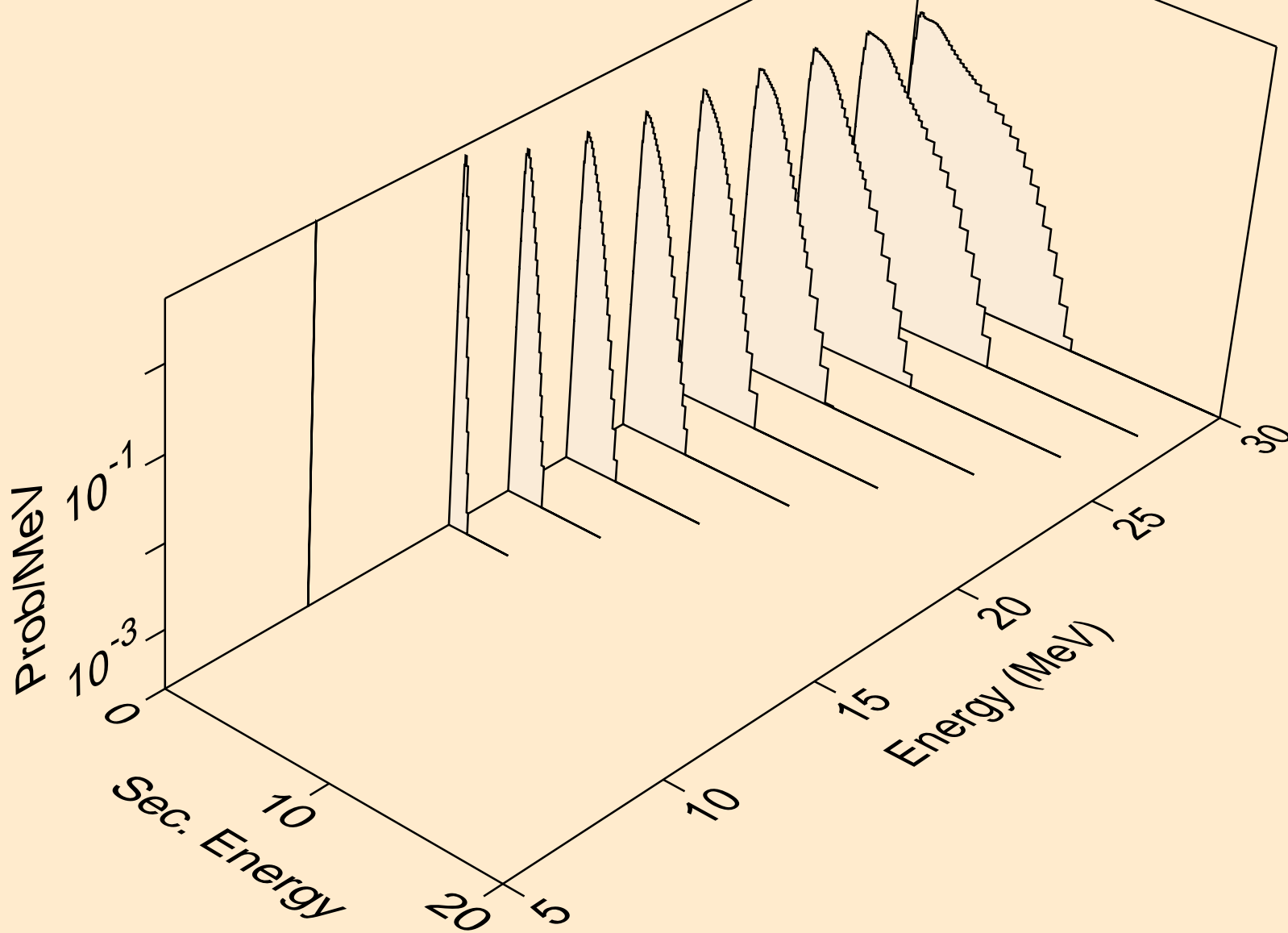
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neutrons from (s,n*)he3



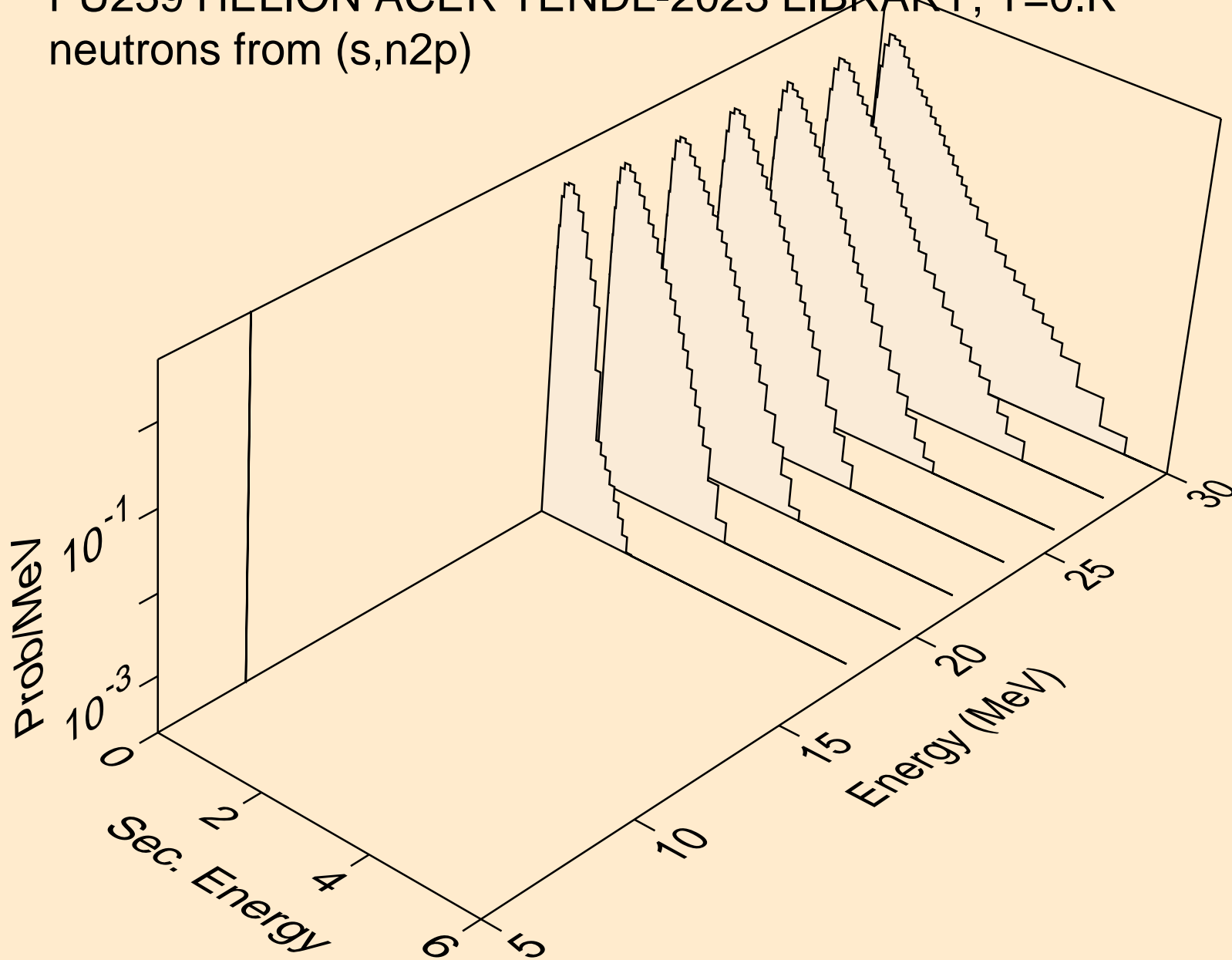
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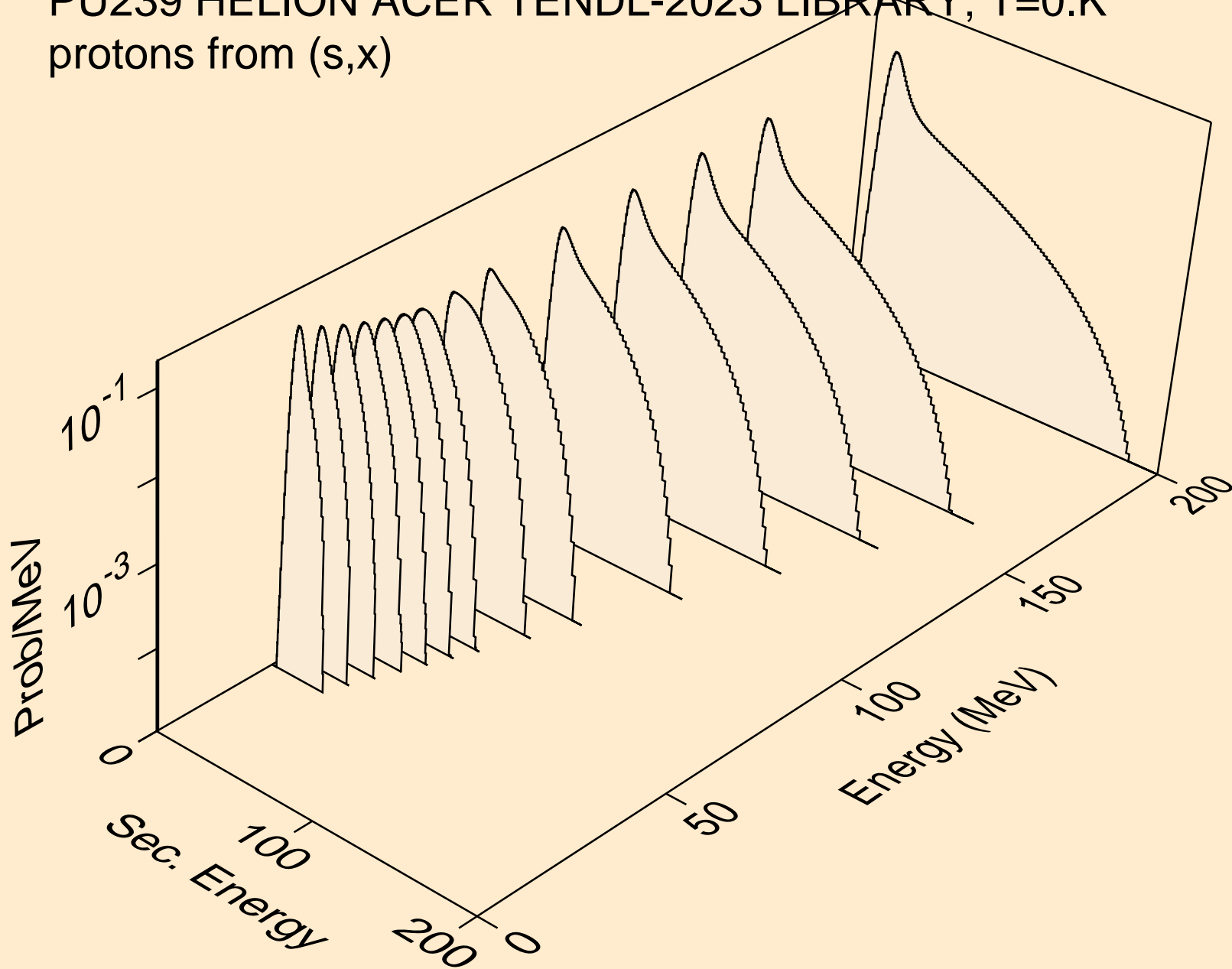
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neutrons from (s,2np)



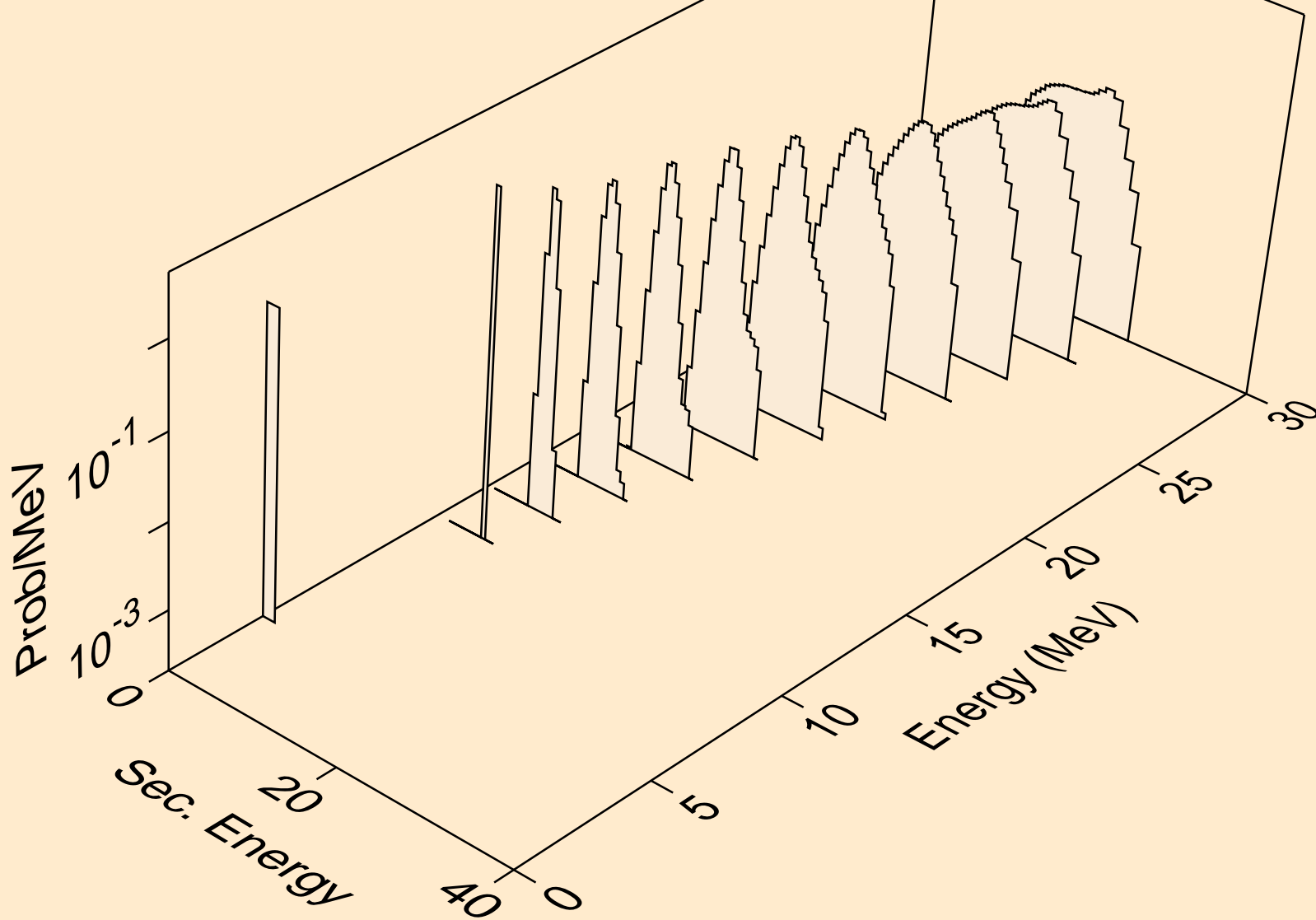
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neutrons from (s,n2p)



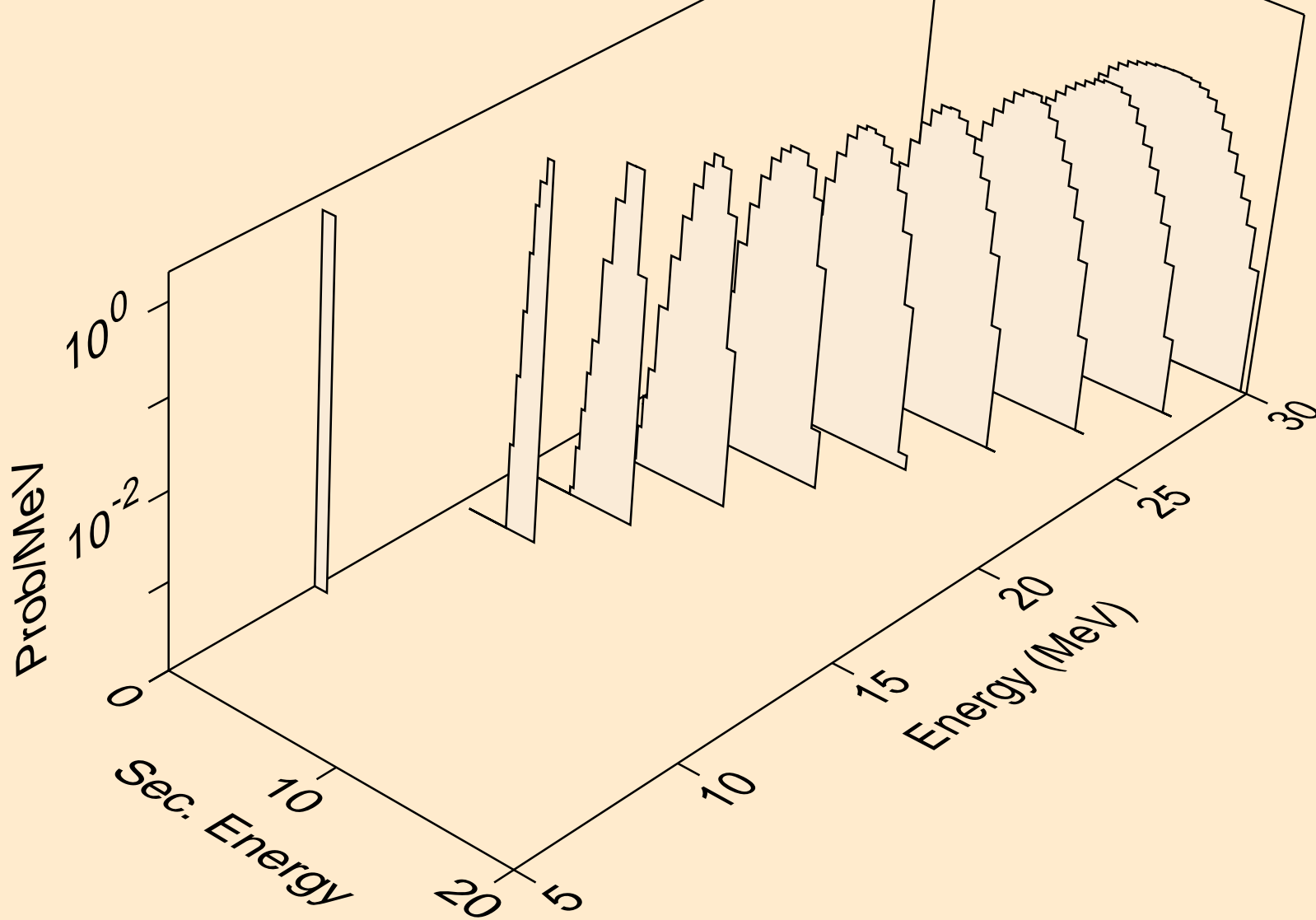
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protons from (s,x)



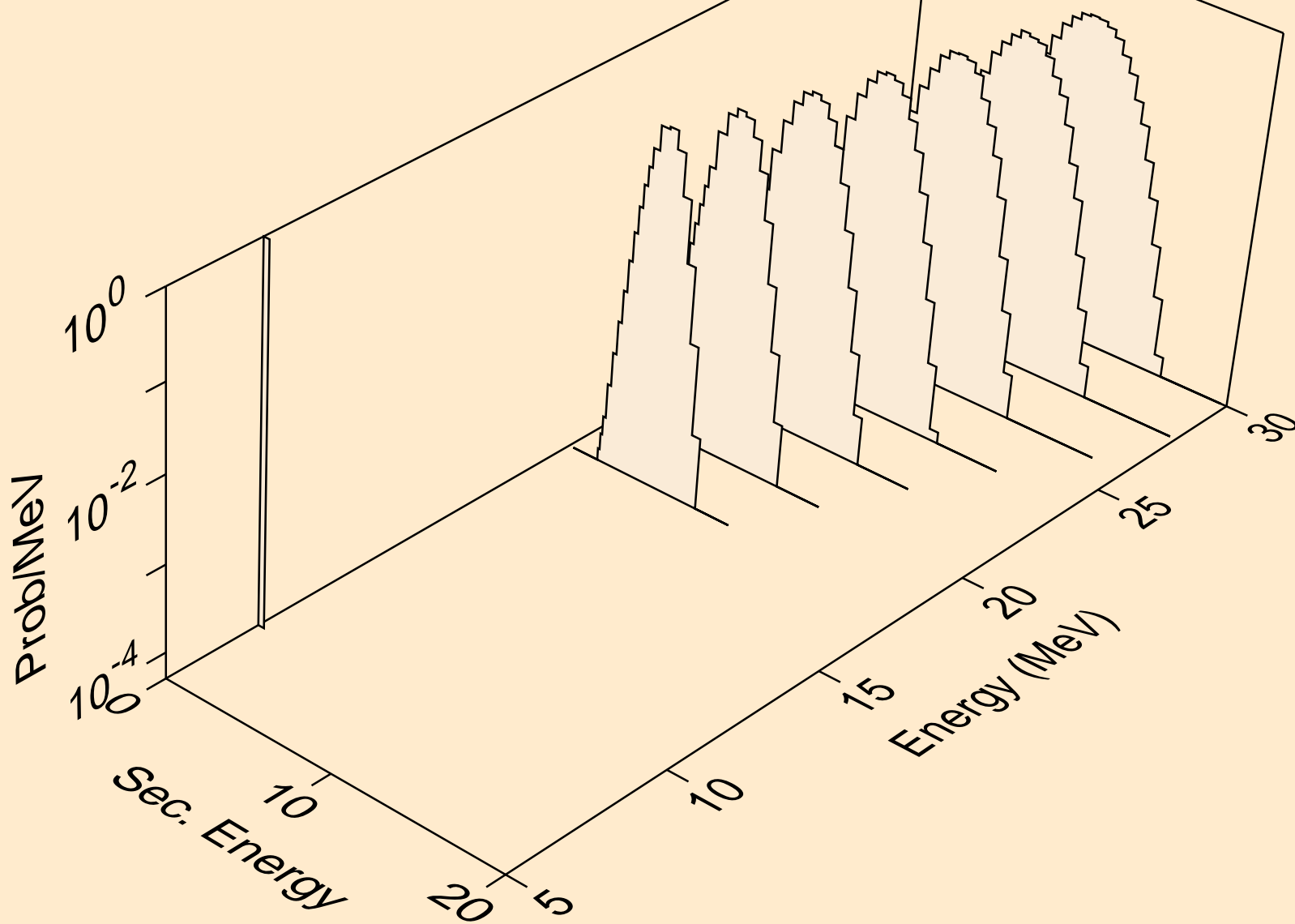
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protons from (s,n*)p



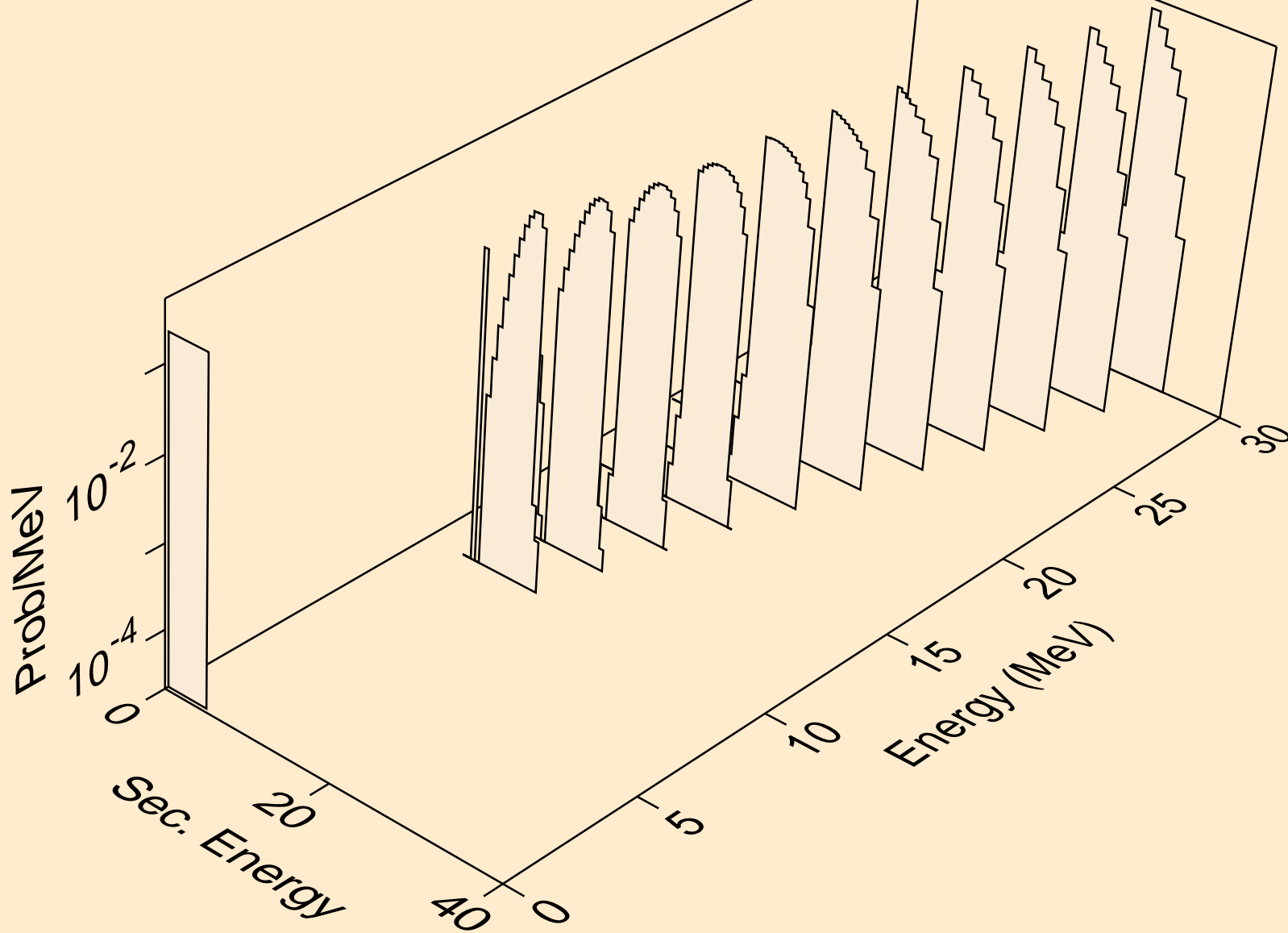
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protons from (s,2np)



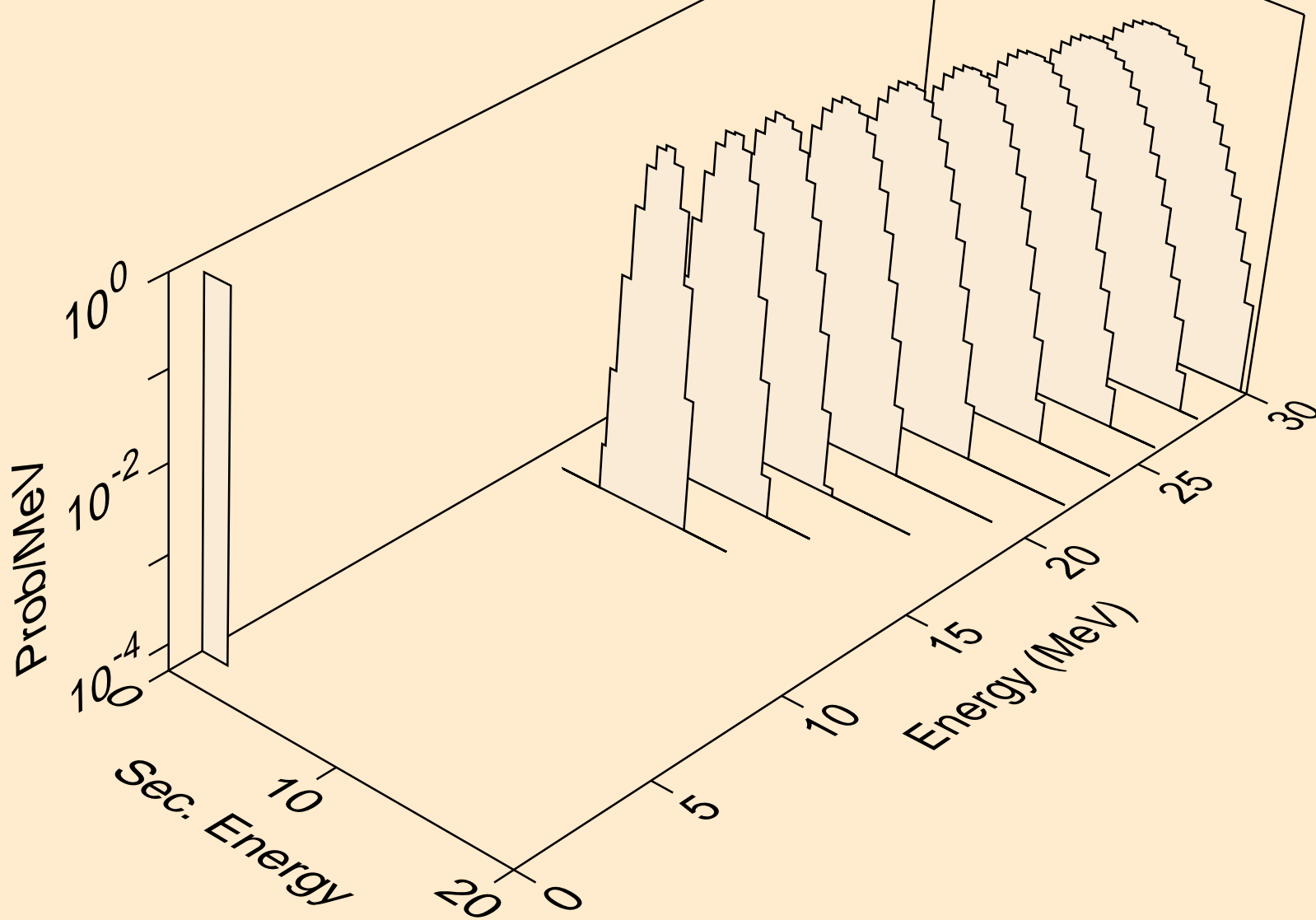
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protons from (s,n2p)



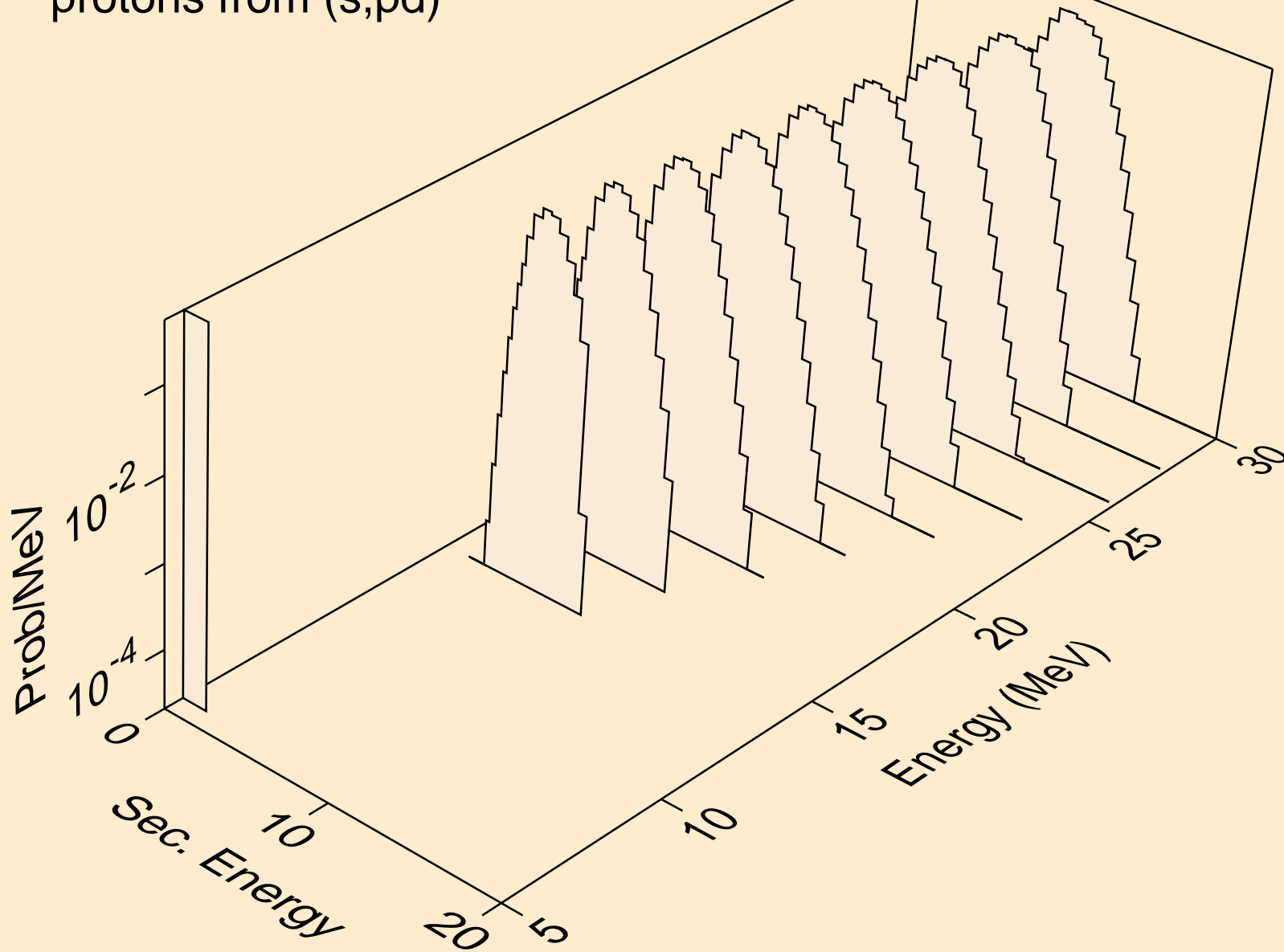
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protons from (s,p)



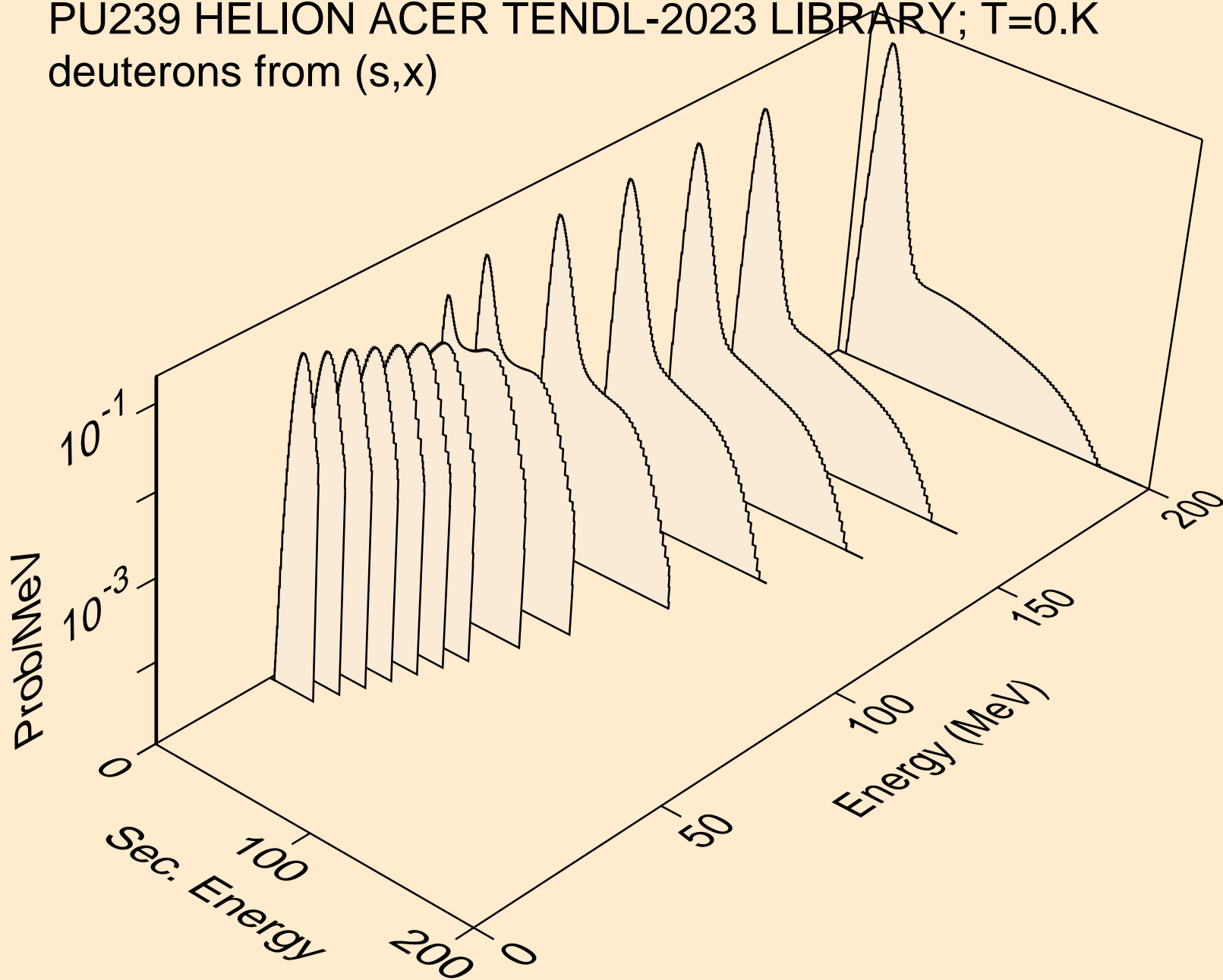
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protons from (s,2p)



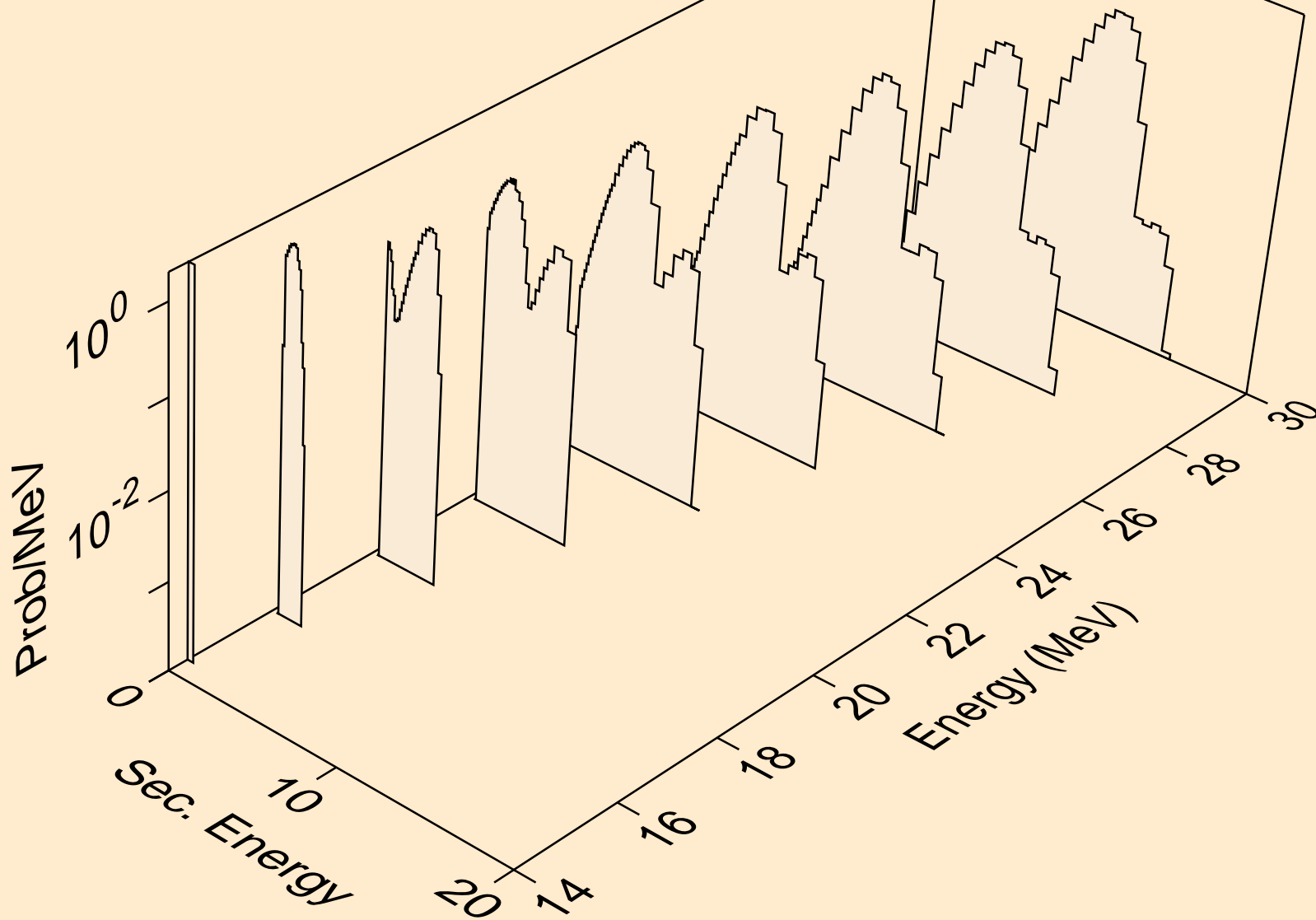
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protons from (s,pd)



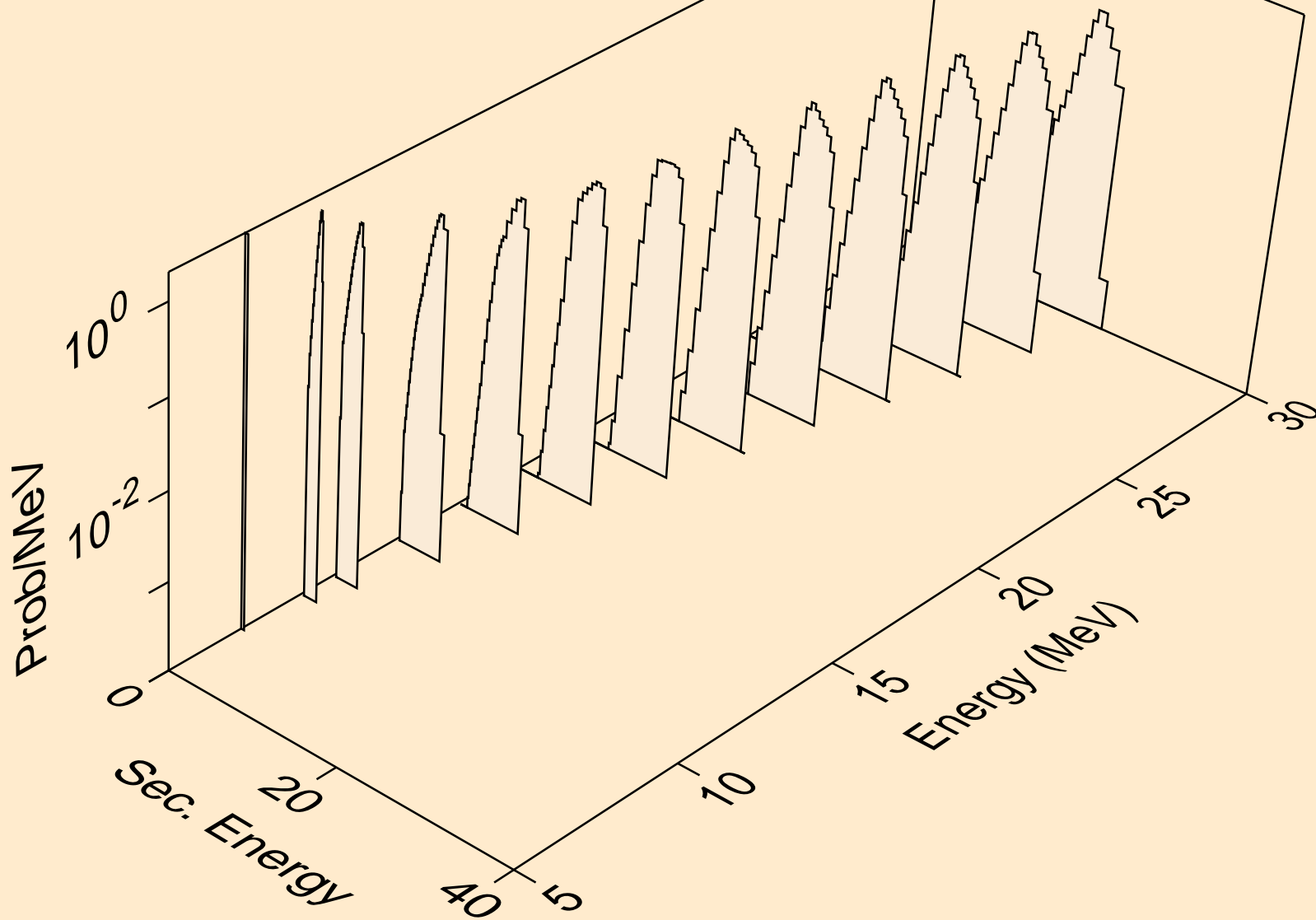
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deuterons from (s,x)



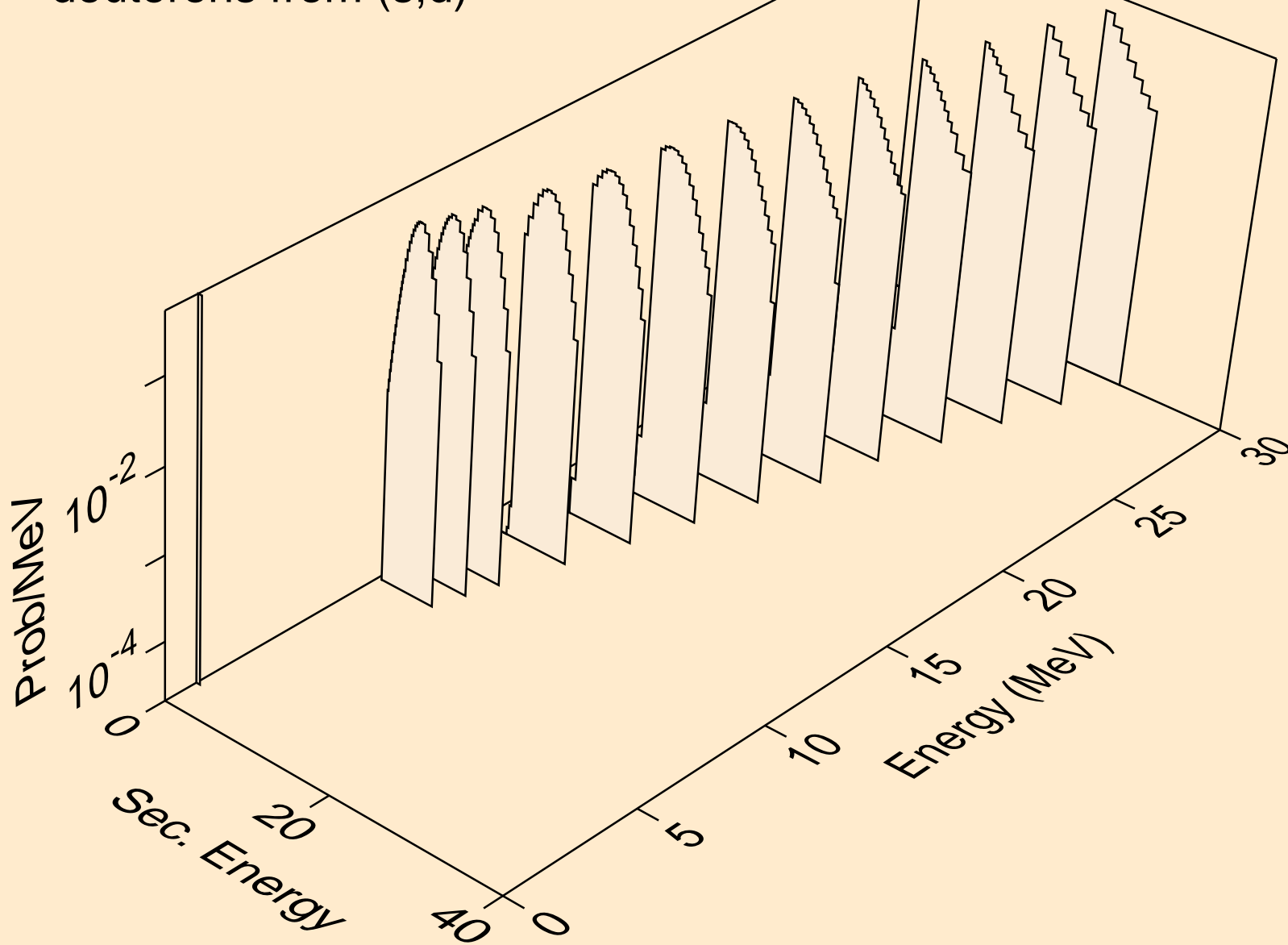
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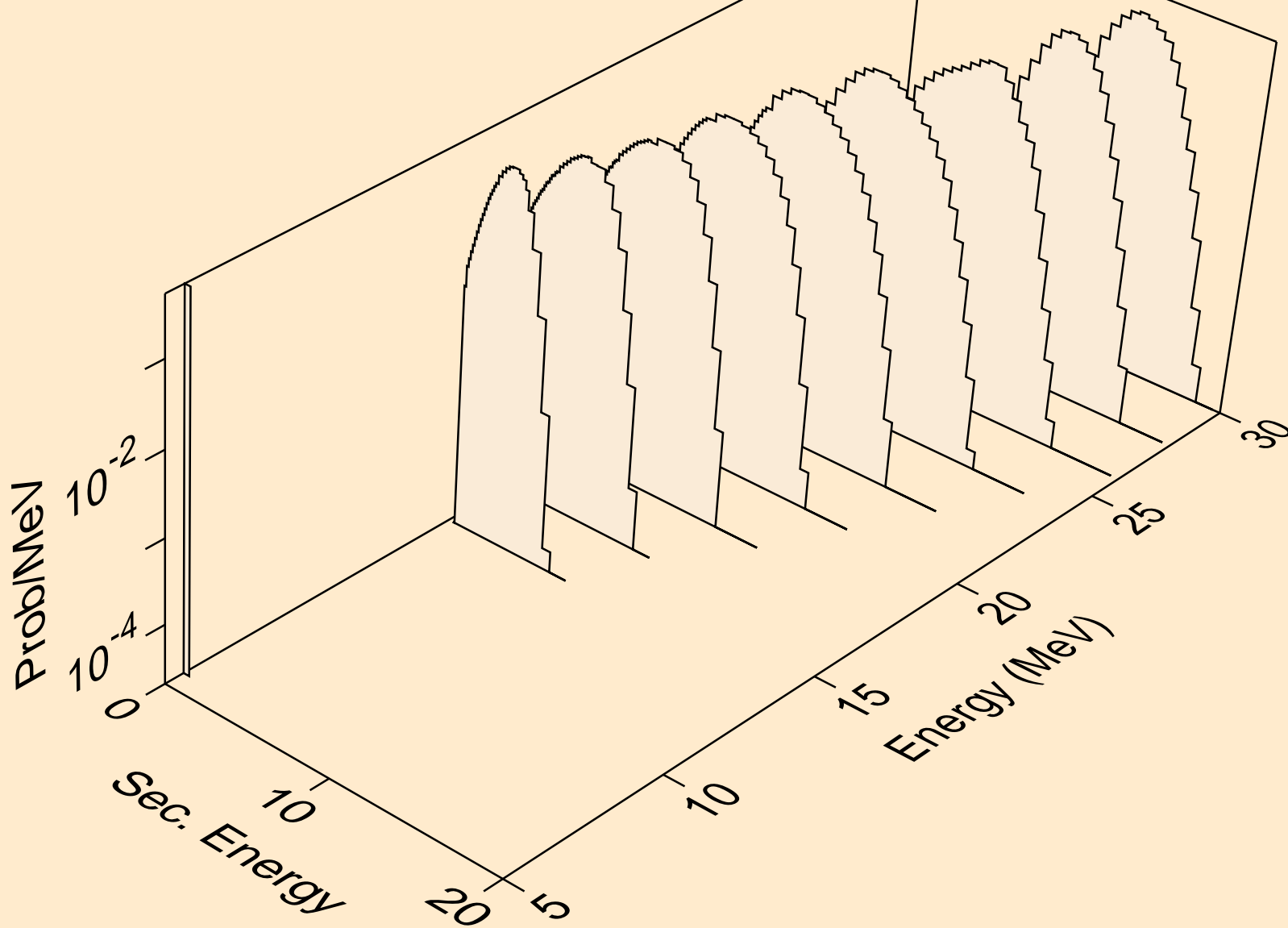
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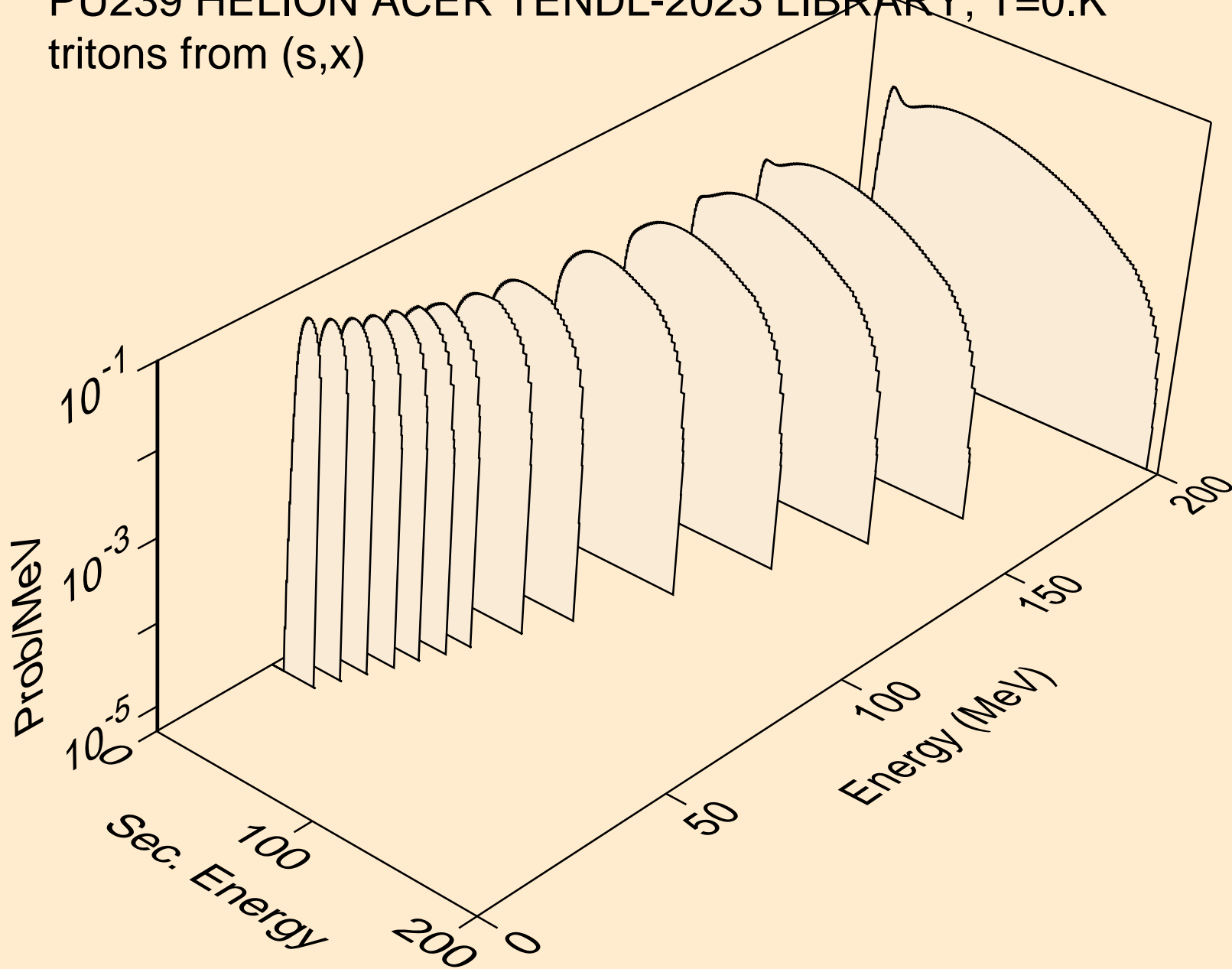
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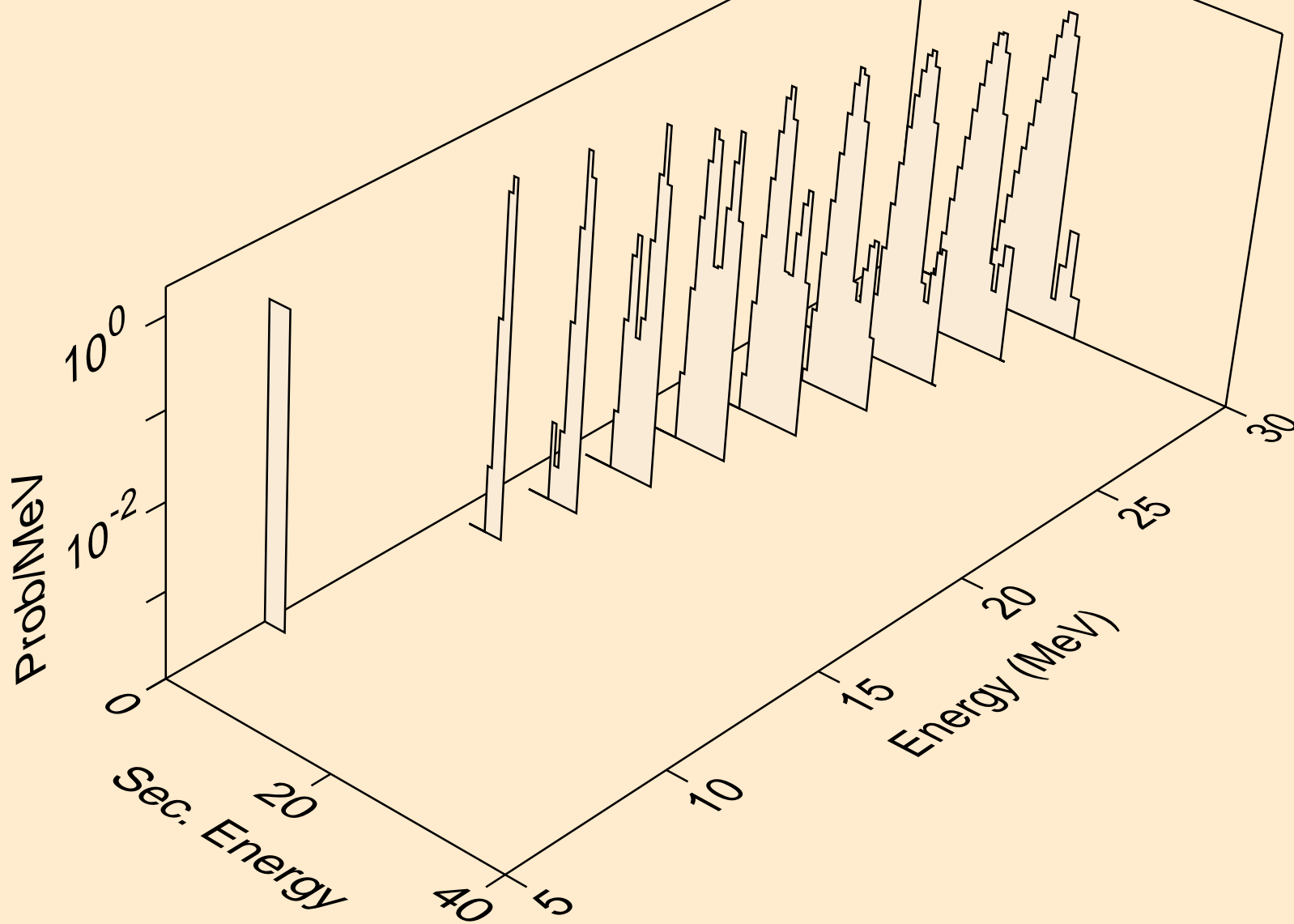
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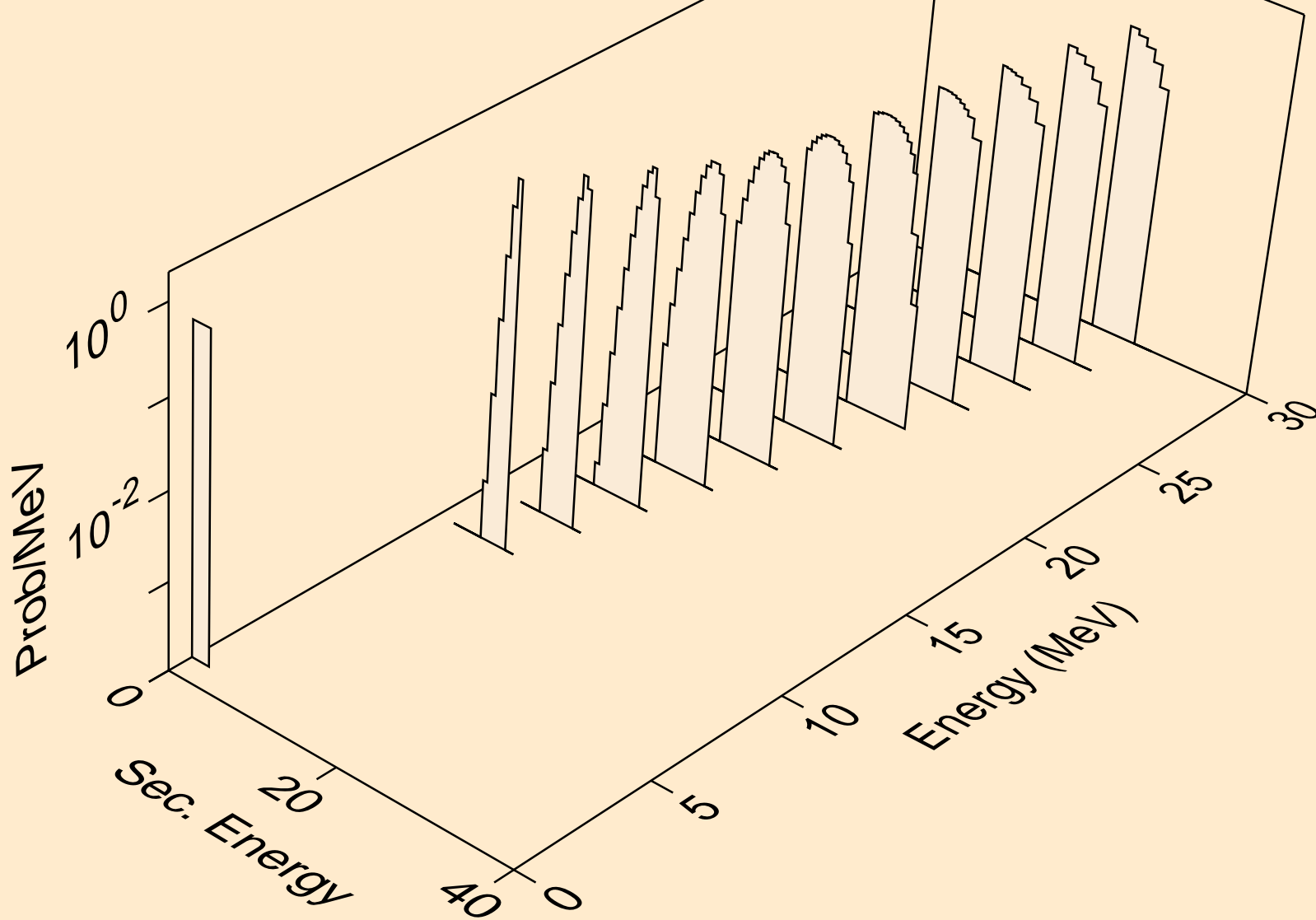
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tritons from (s,x)



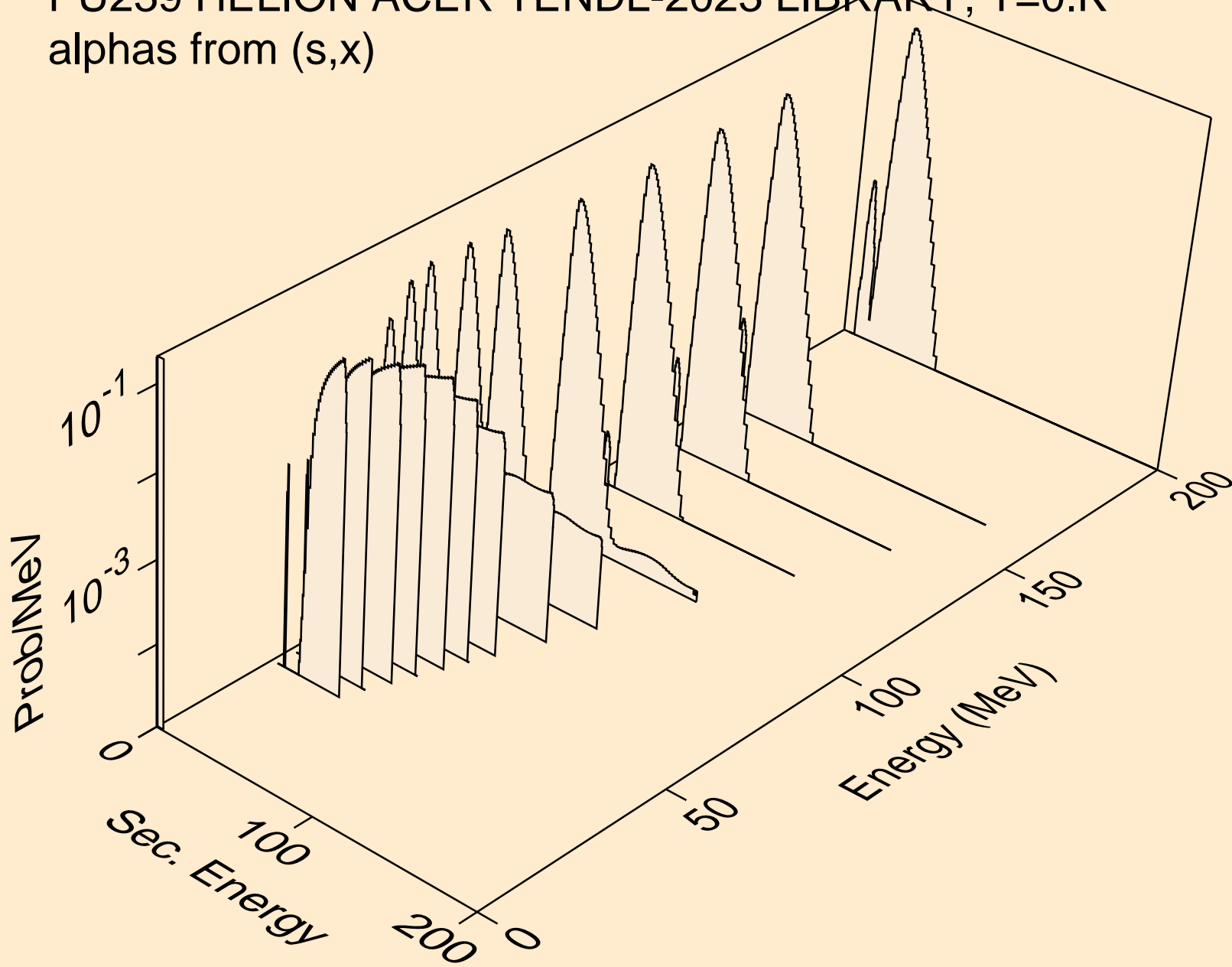
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tritons from (s,n*)t



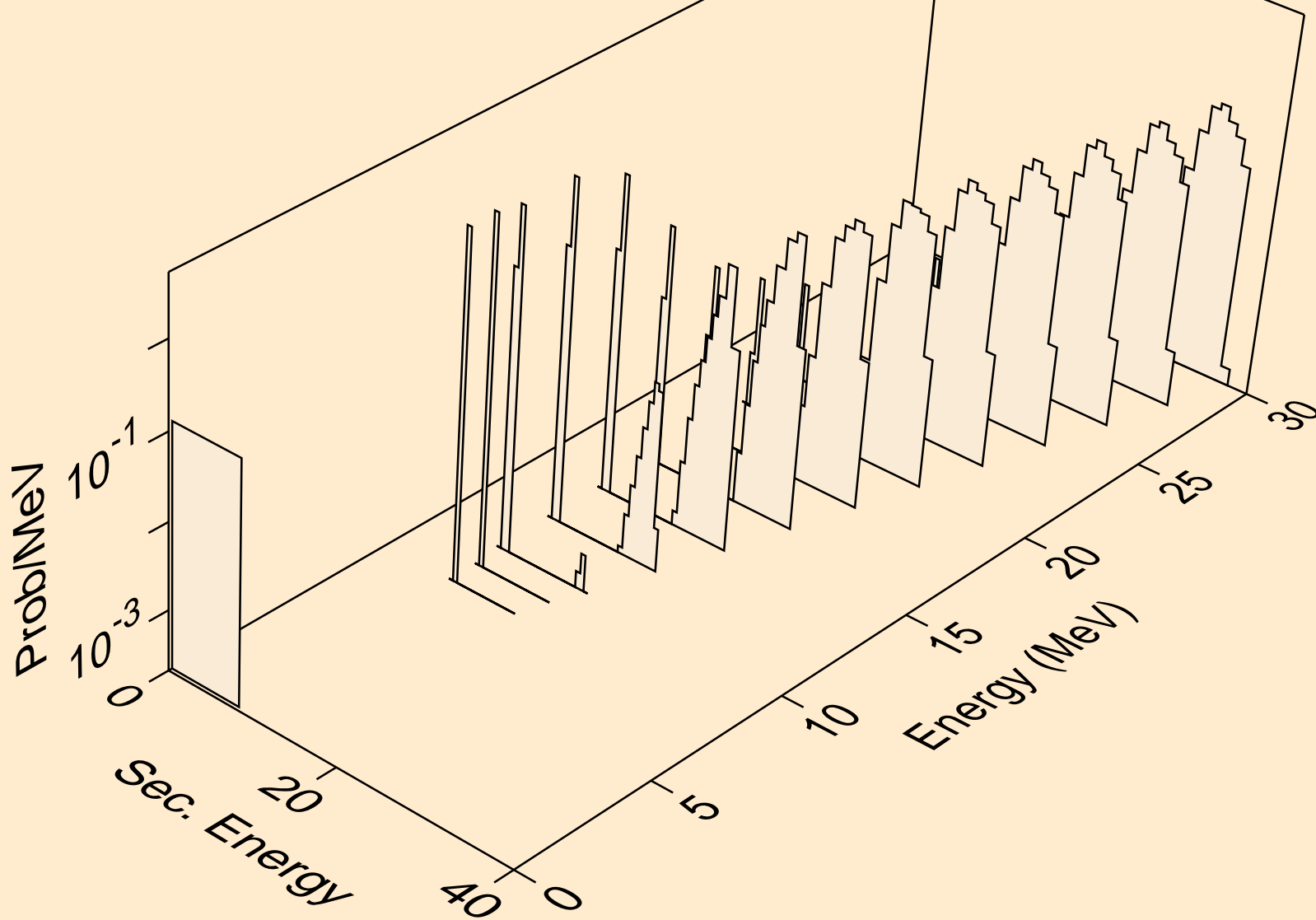
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tritons from (s,t)



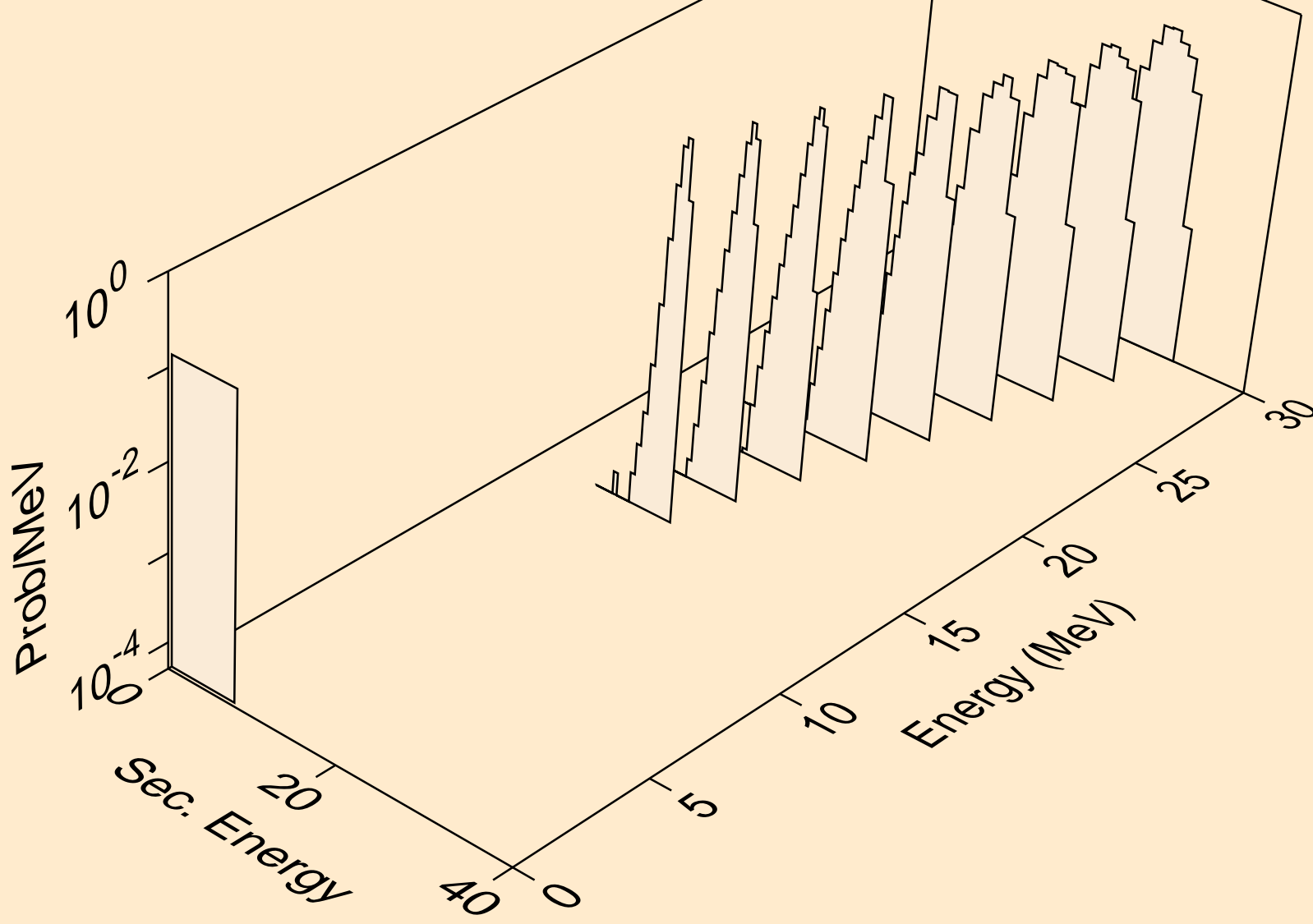
PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,x)



PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,n*)a



PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2n)a



PU239 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,a)

