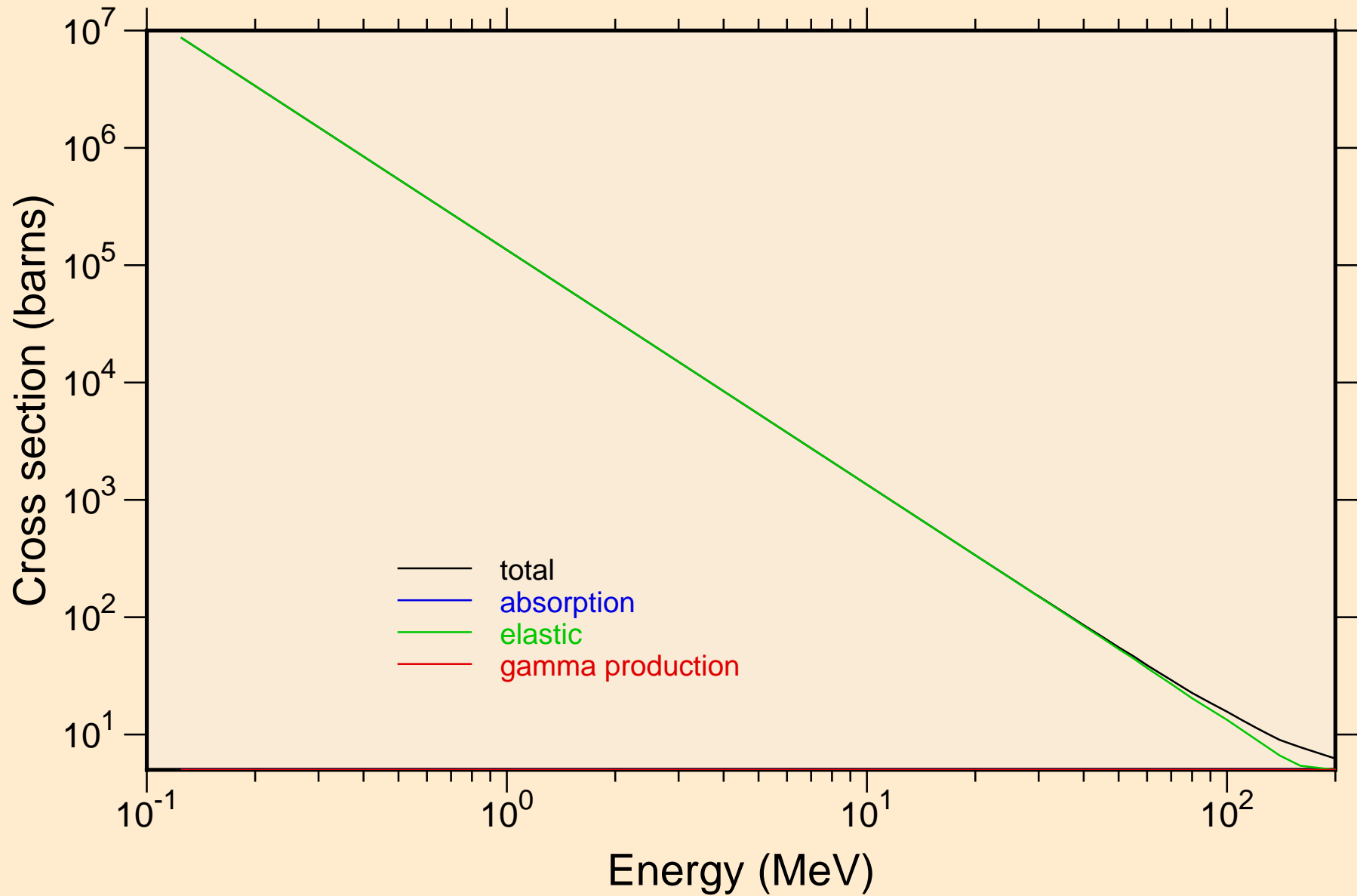
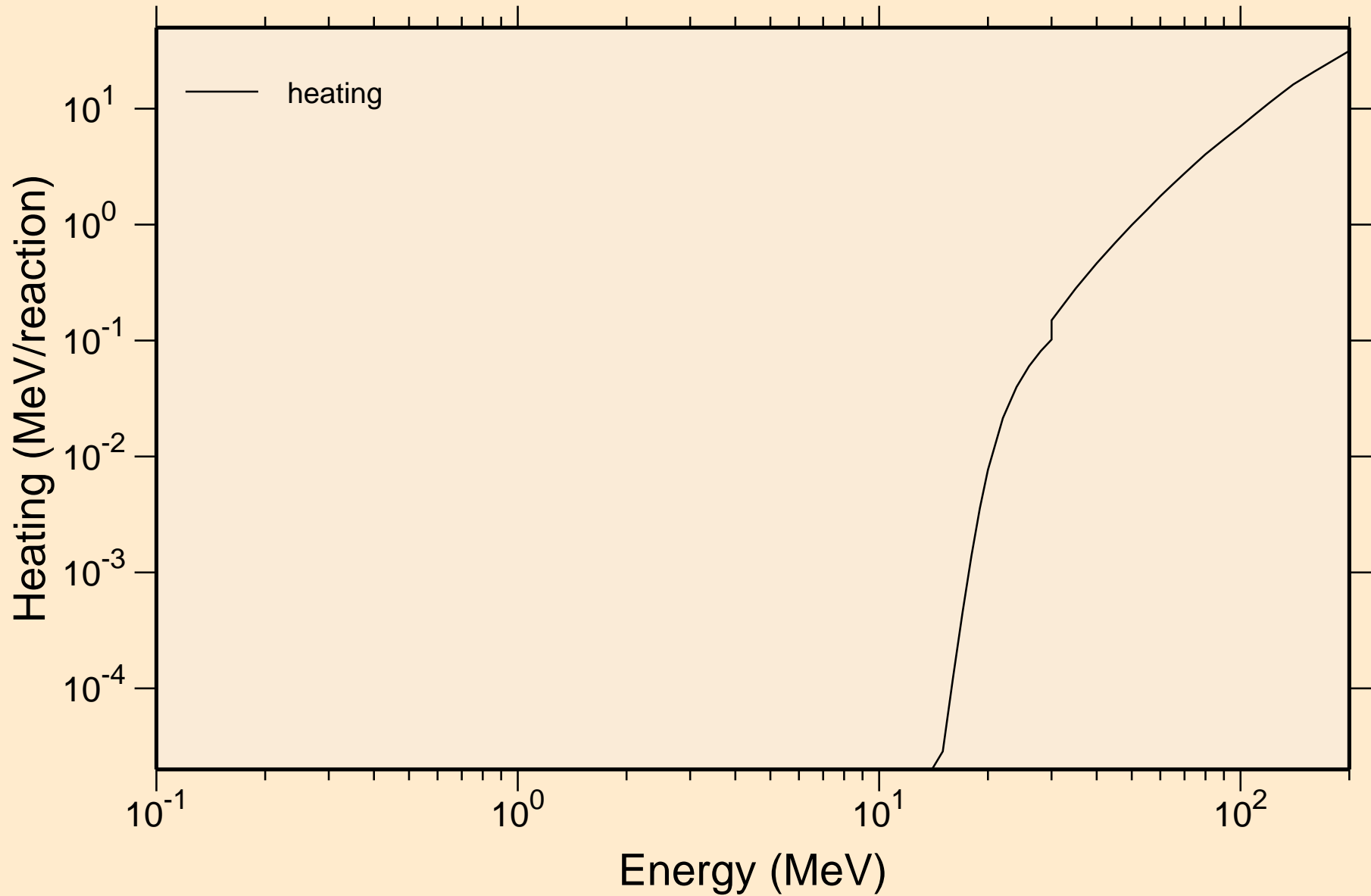


TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



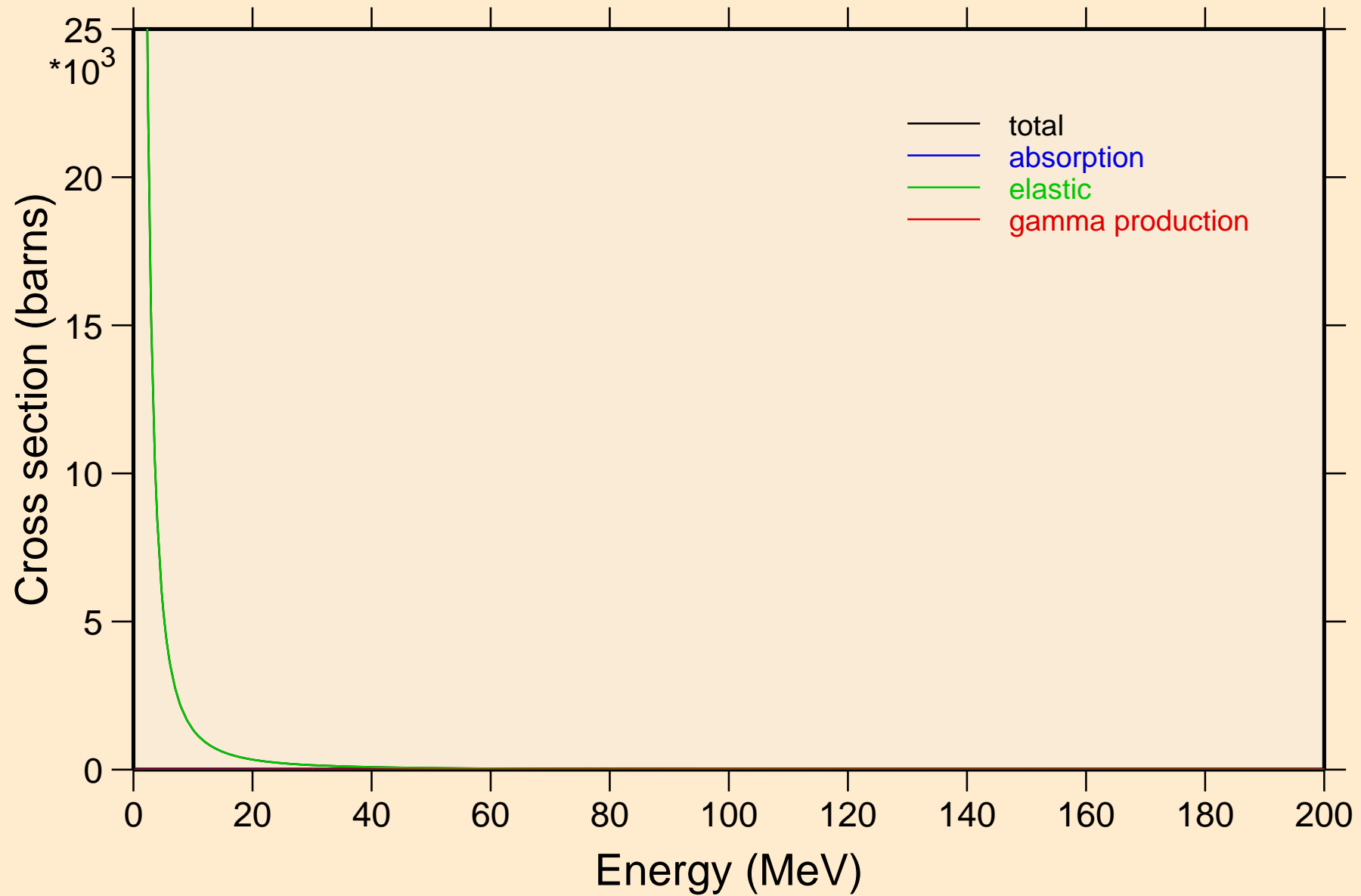
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



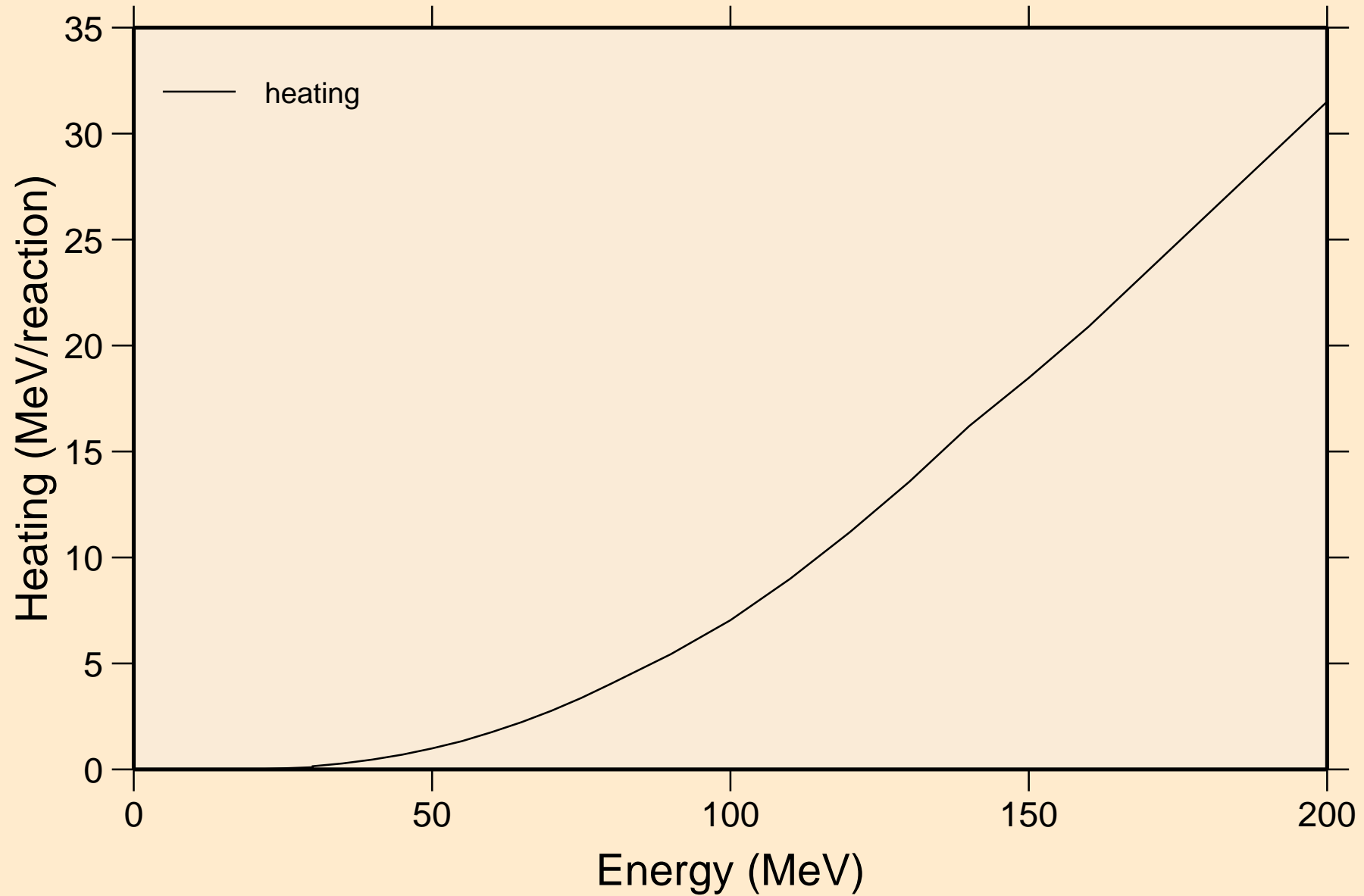
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

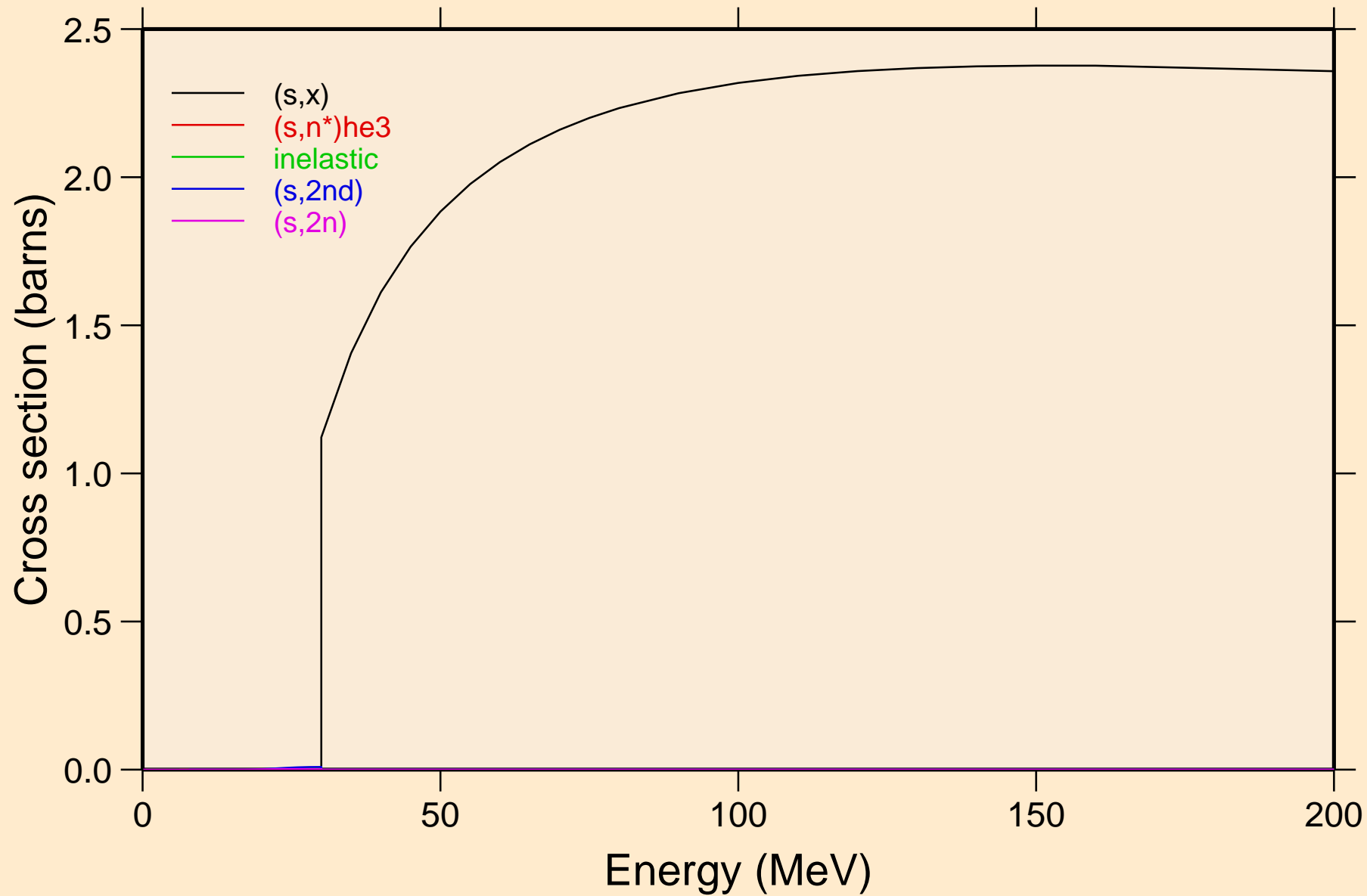


TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K

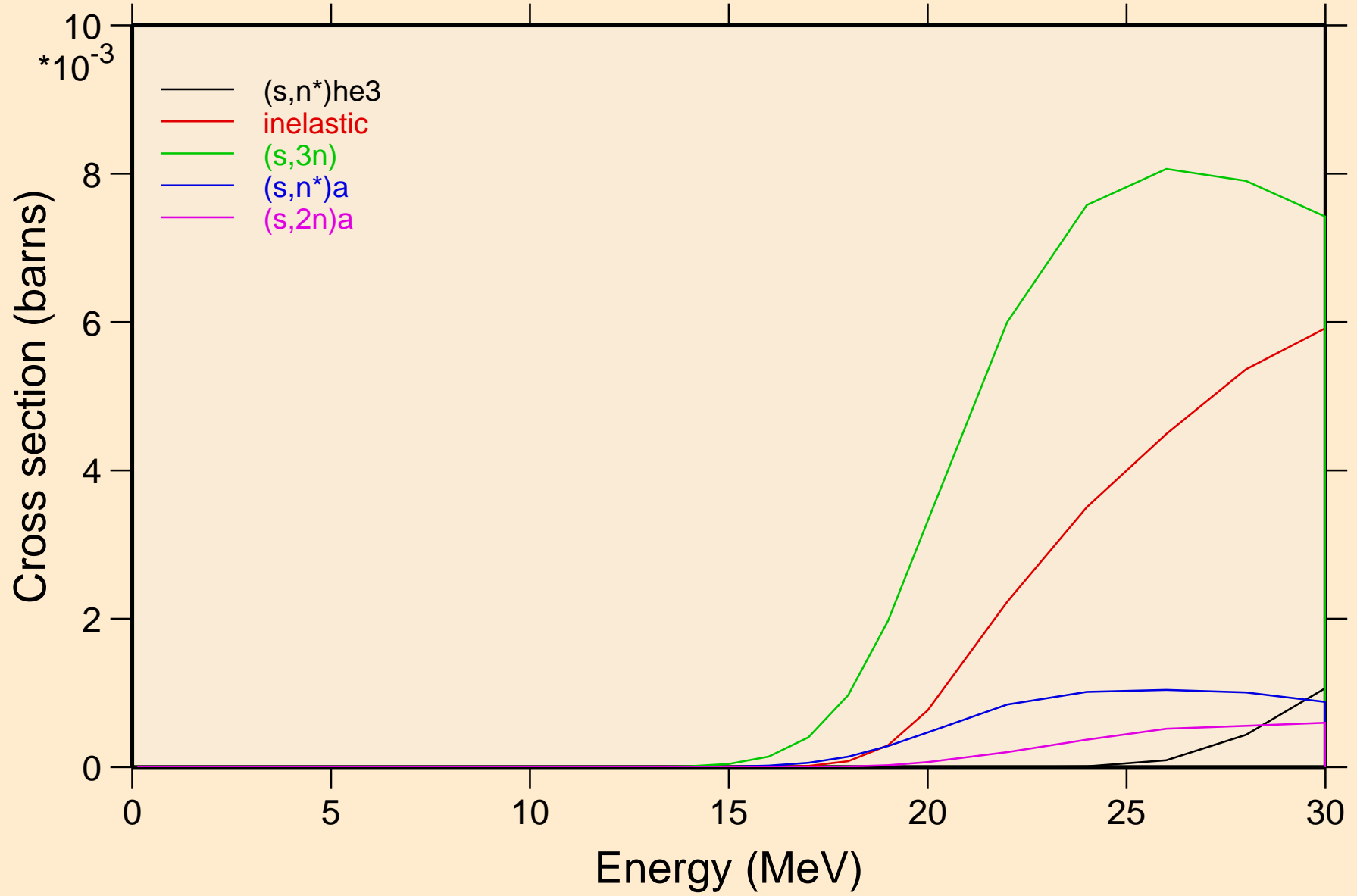
Heating



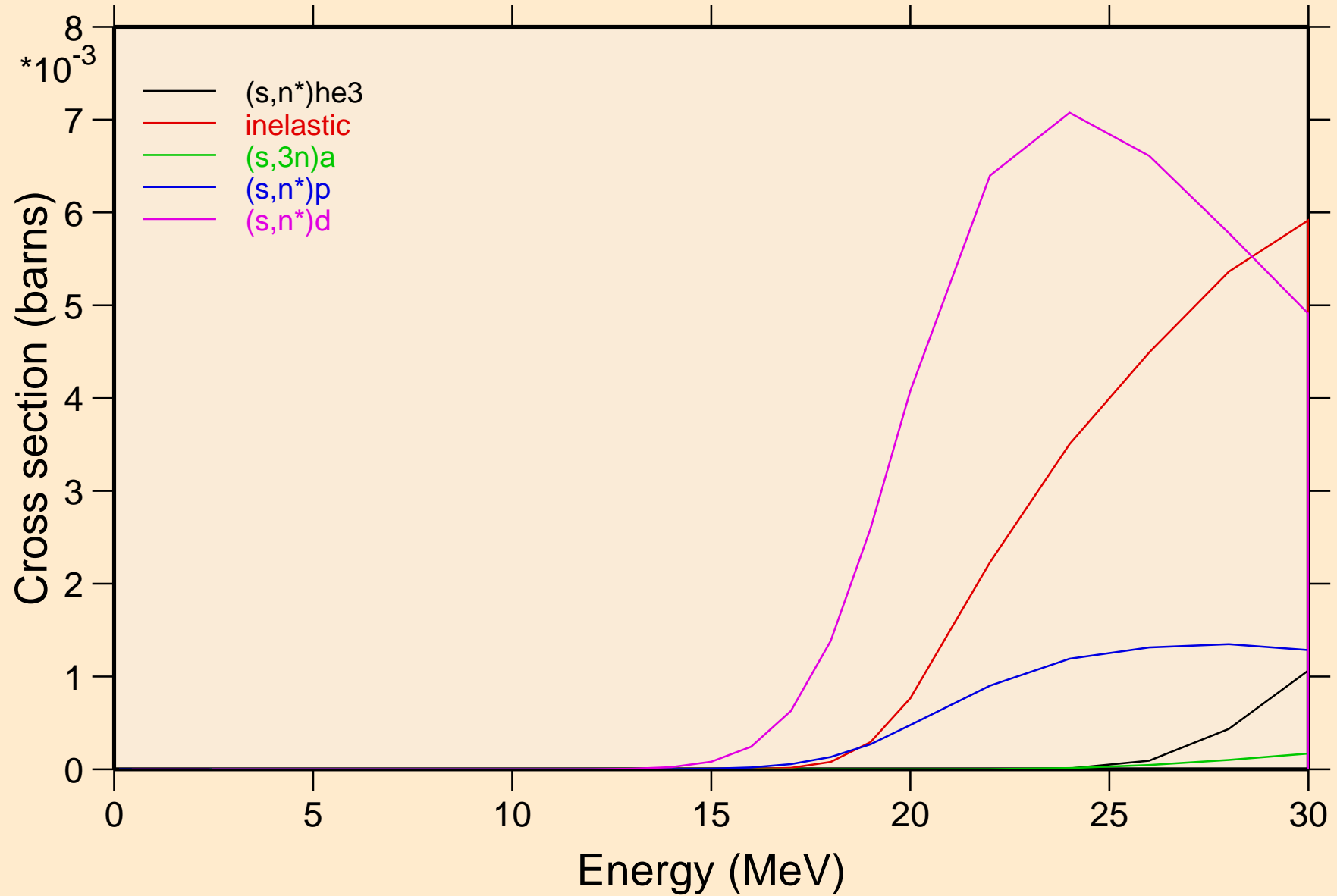
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



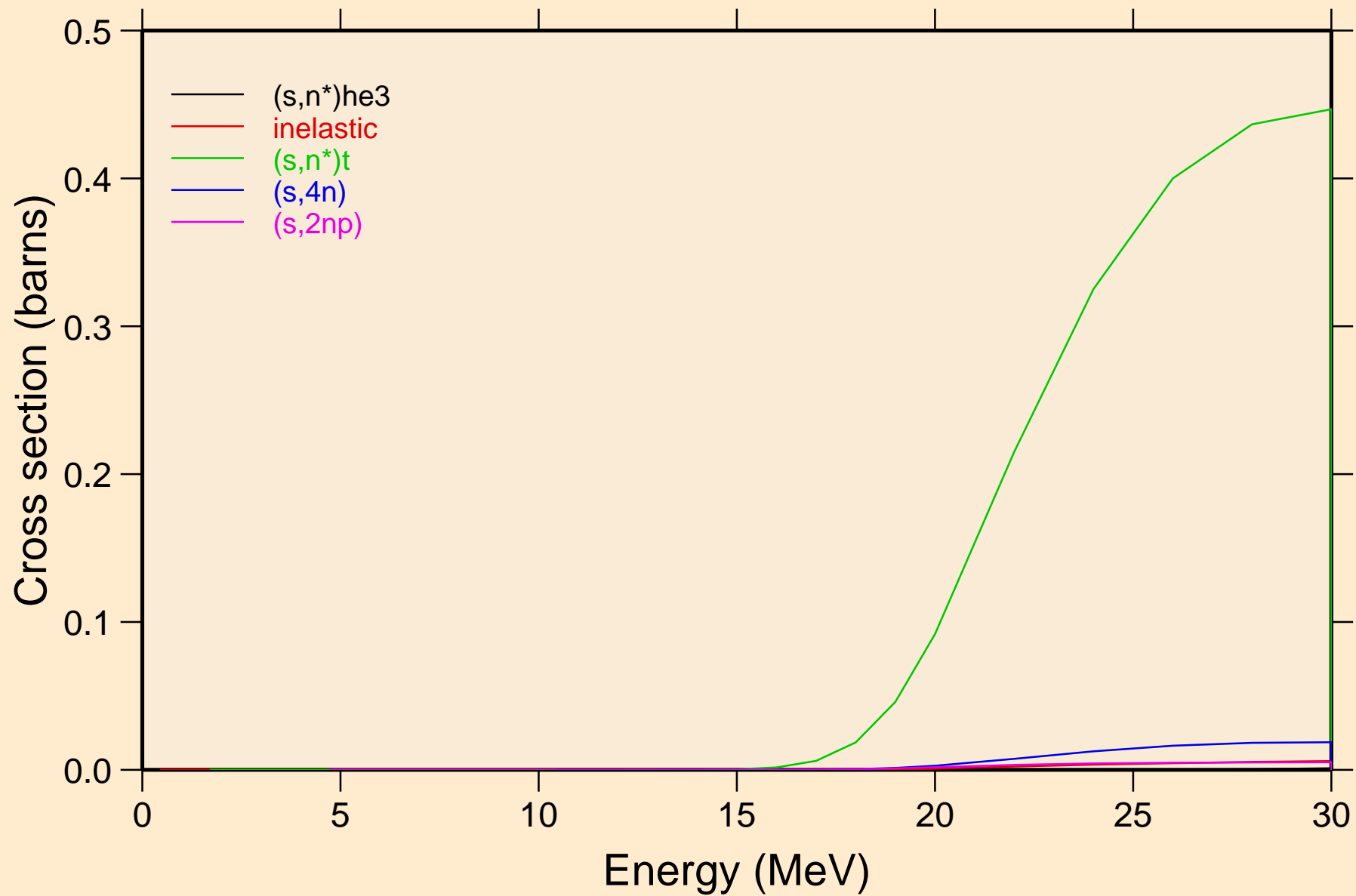
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



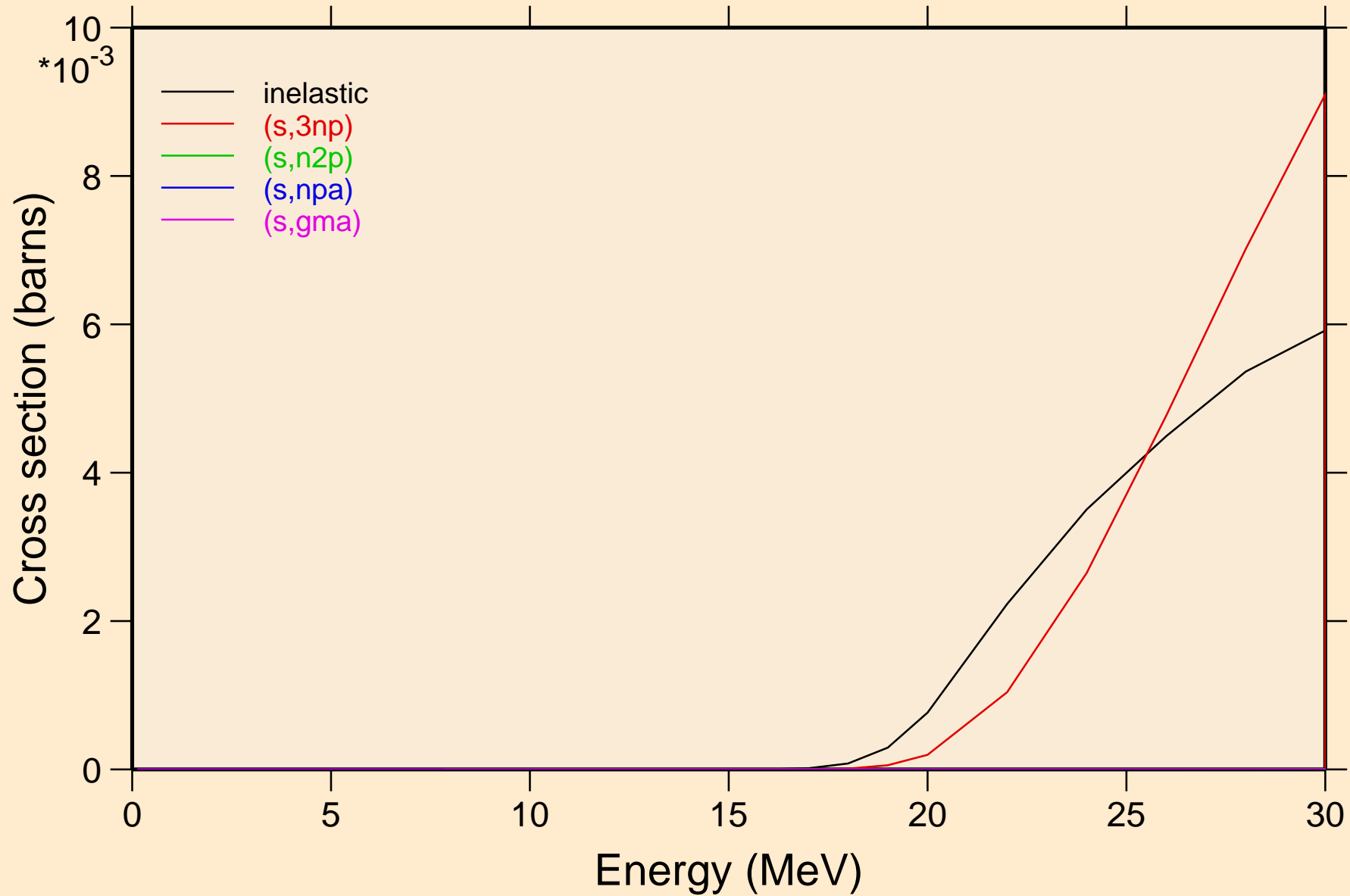
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



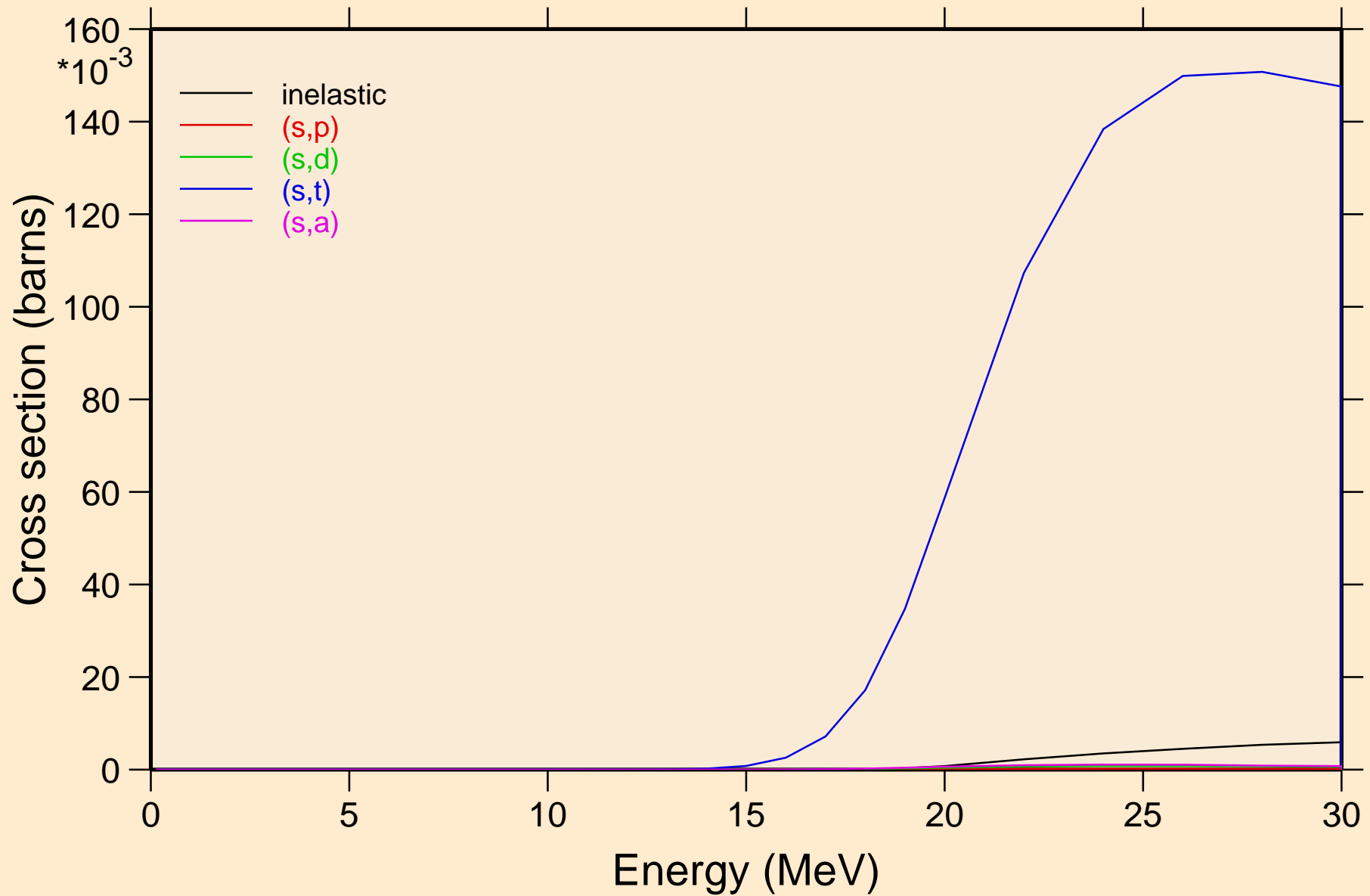
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



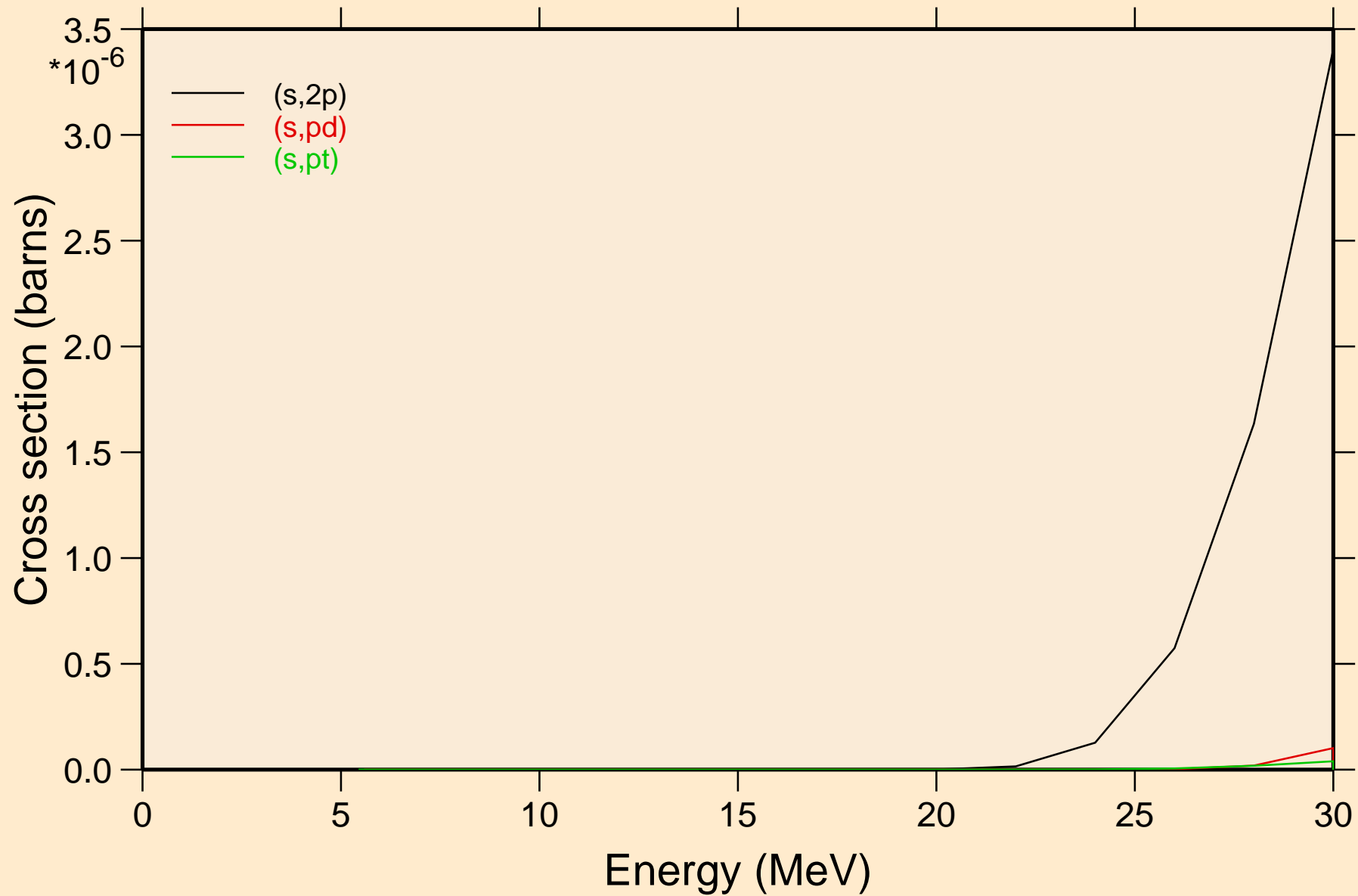
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Threshold reactions



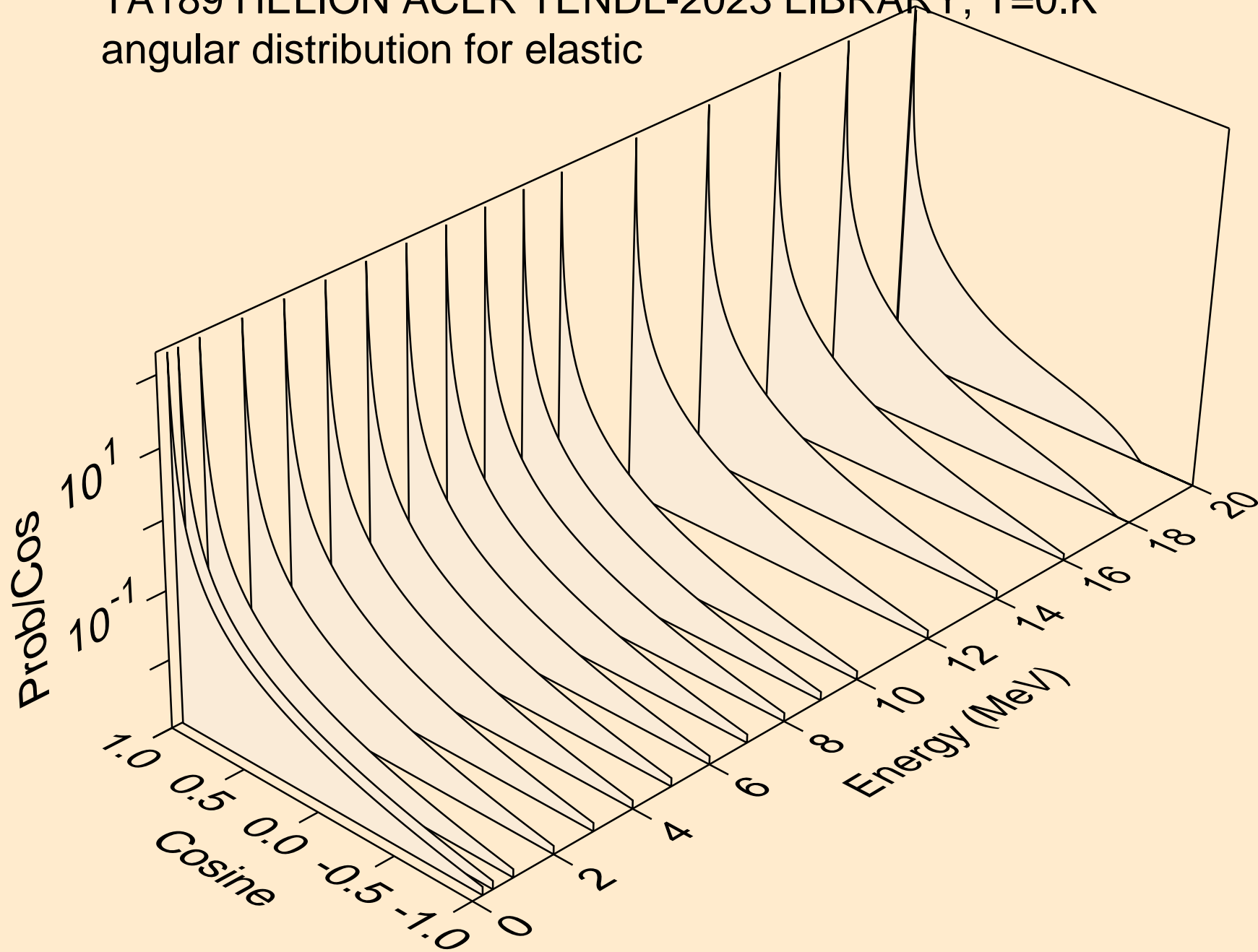
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



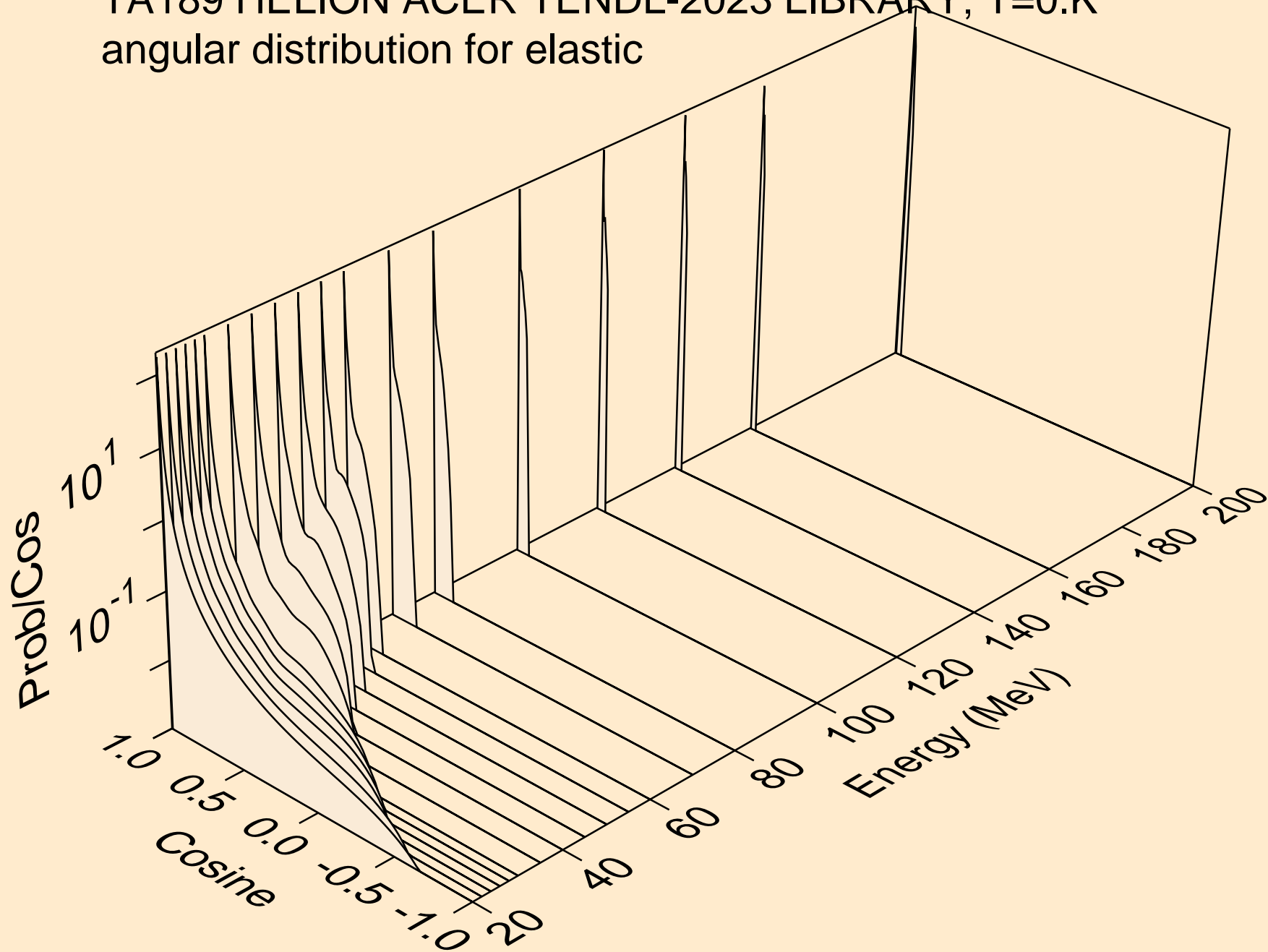
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Threshold reactions



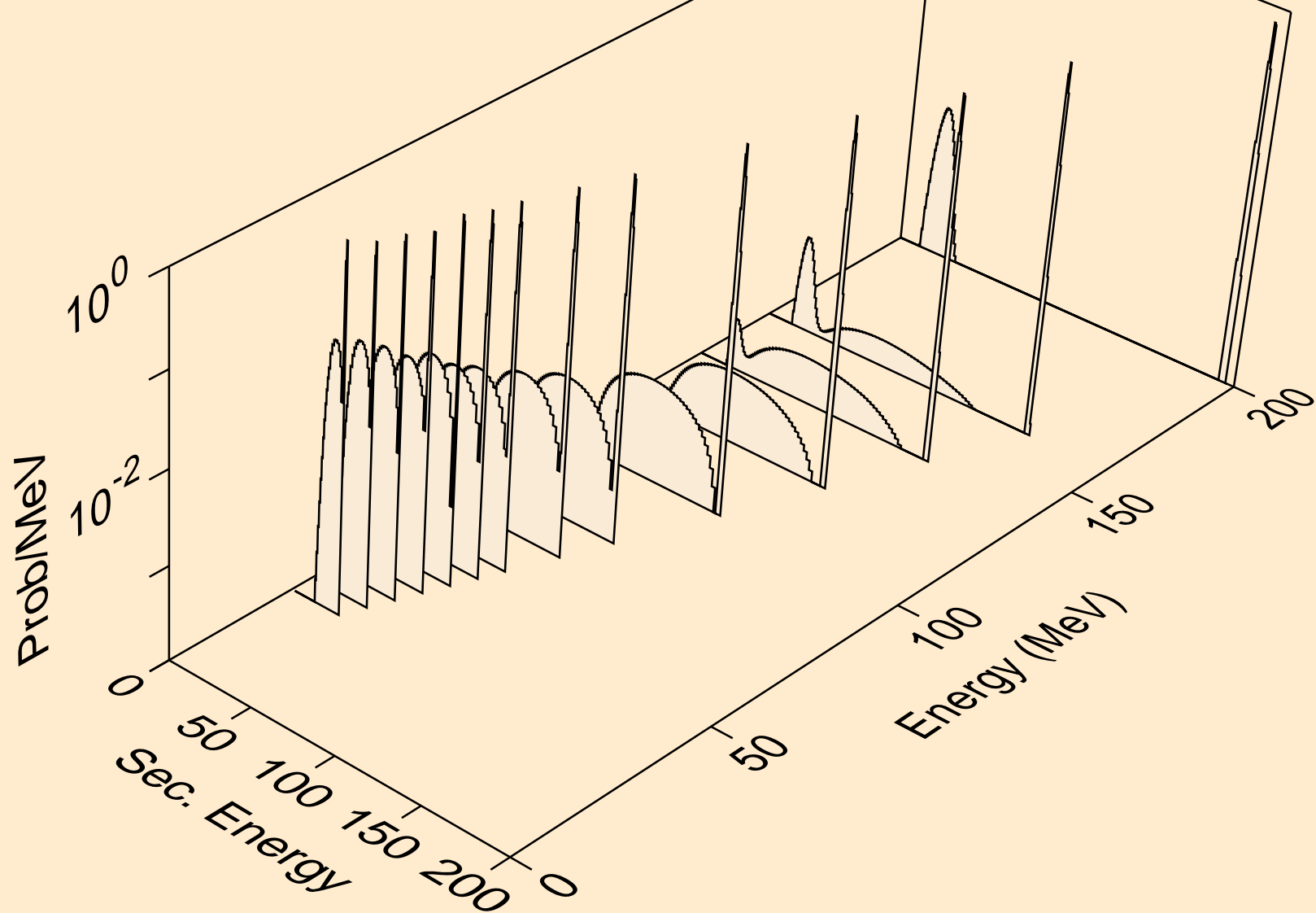
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



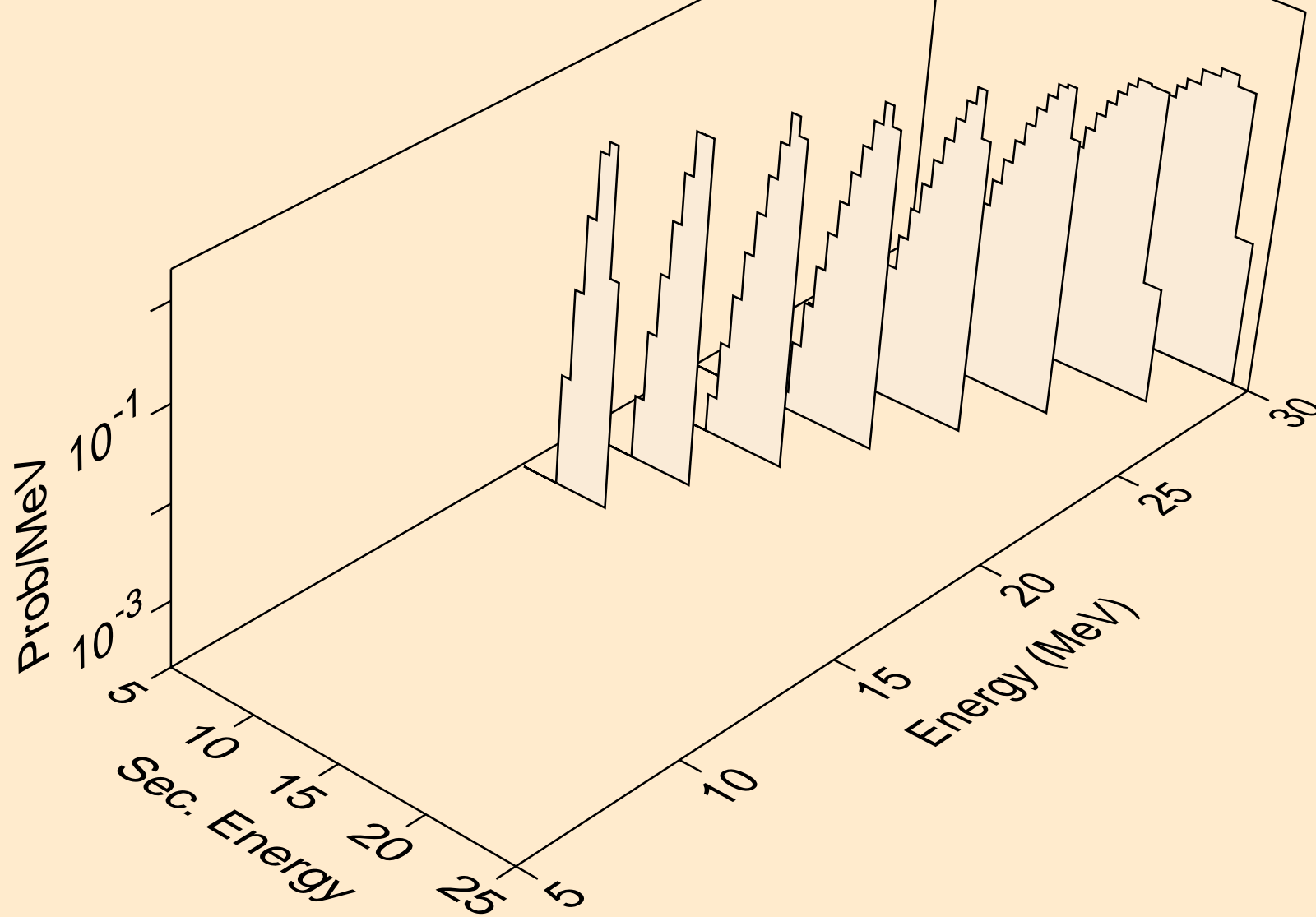
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



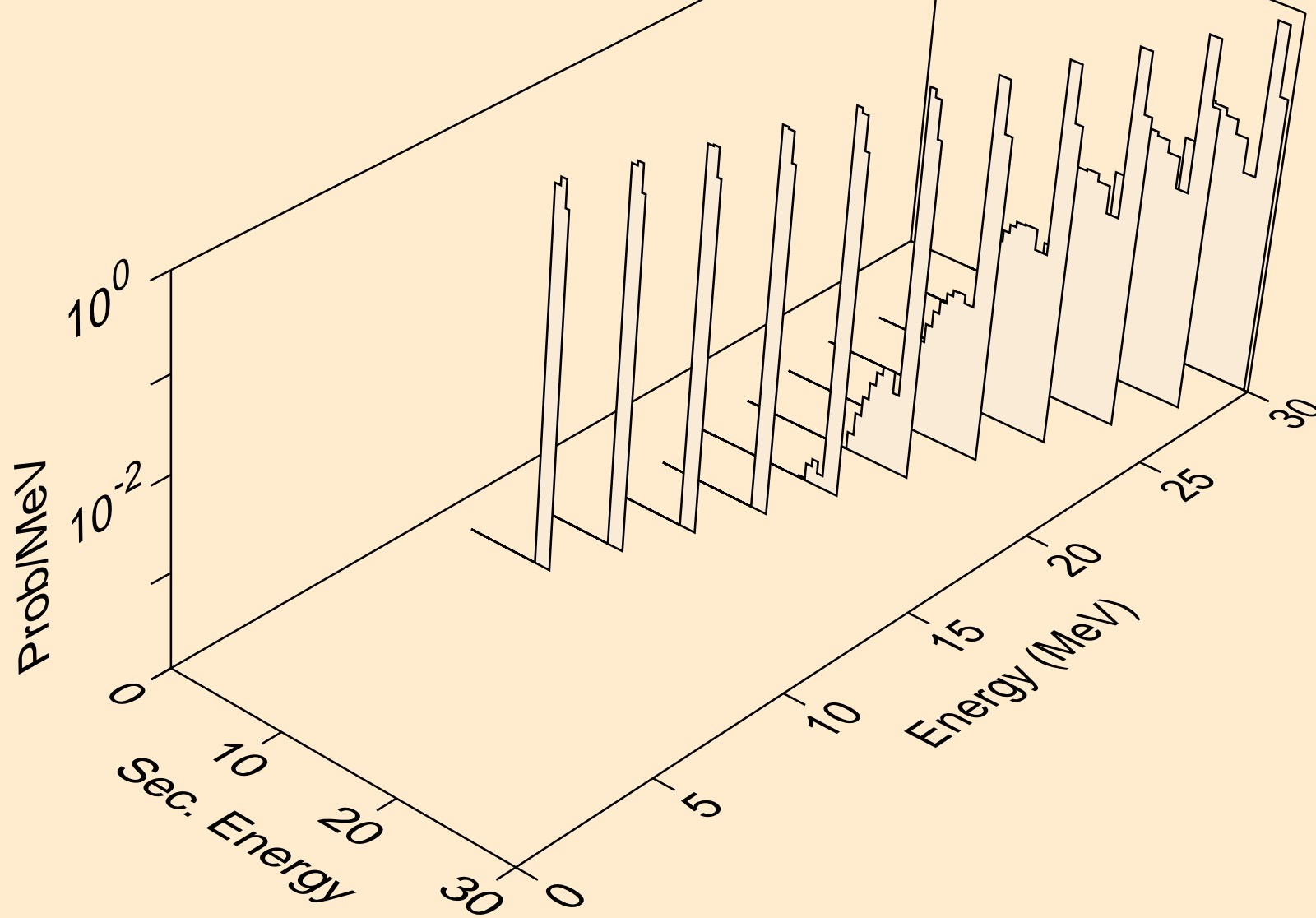
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,x)



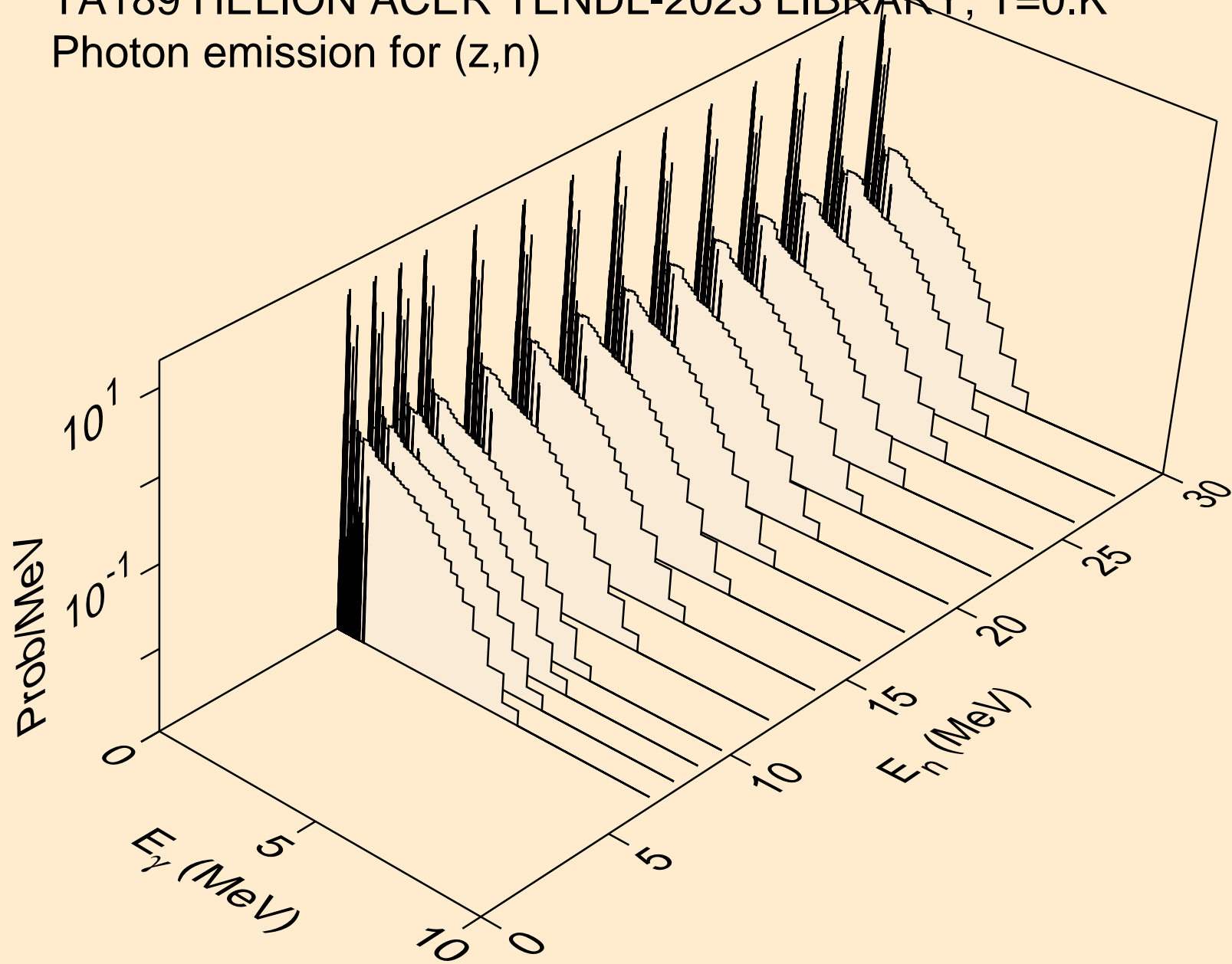
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



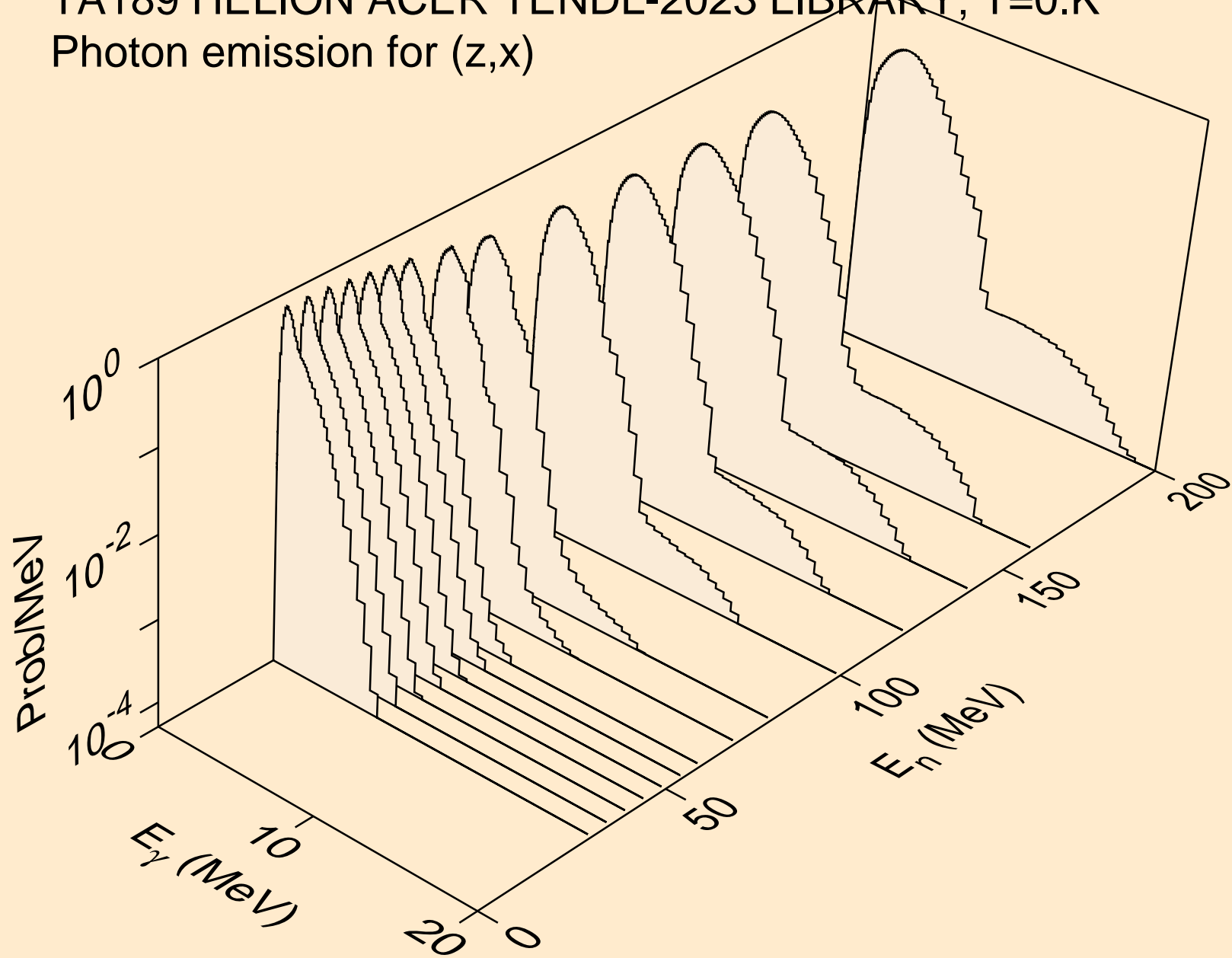
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for inelastic



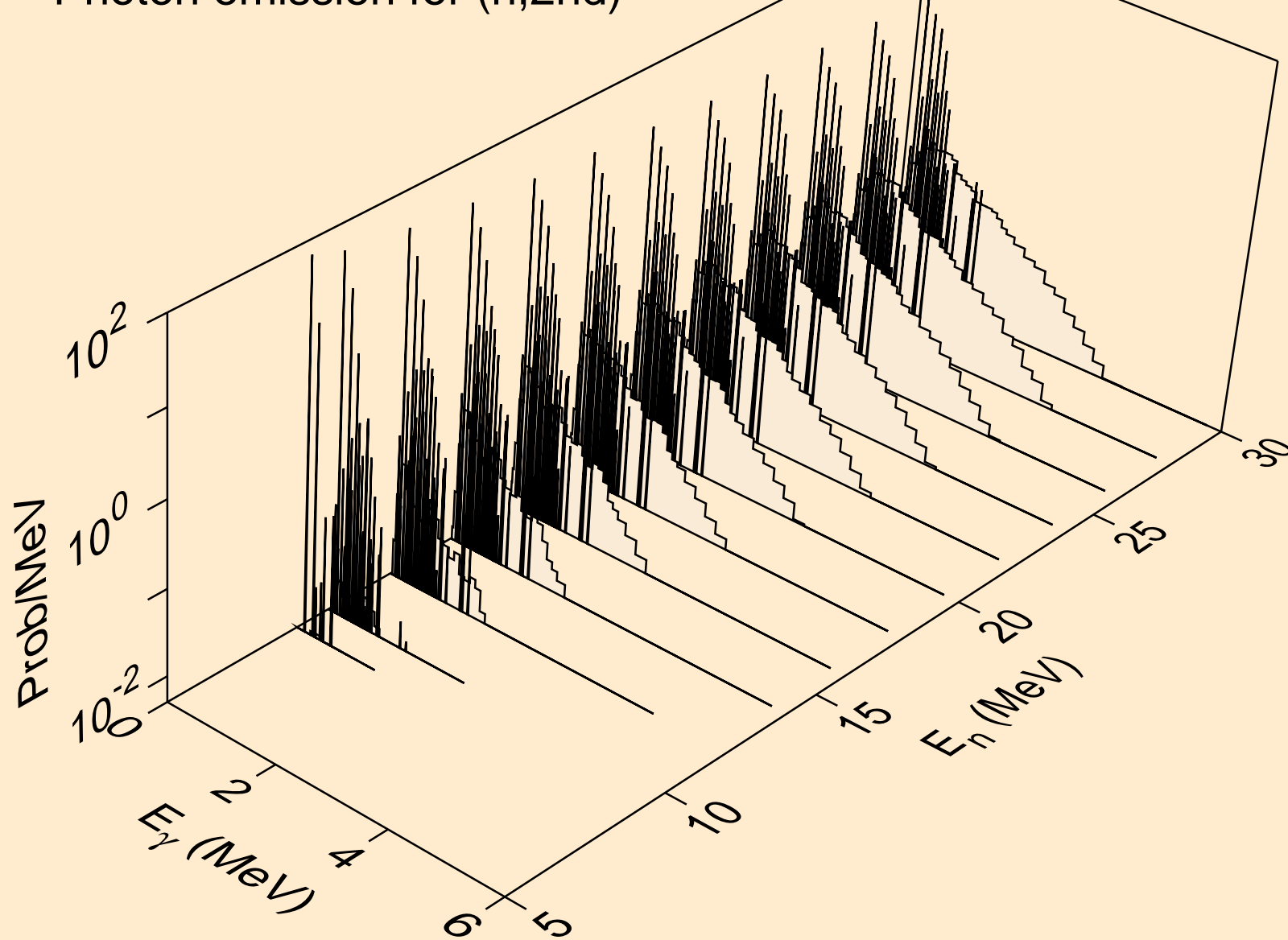
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



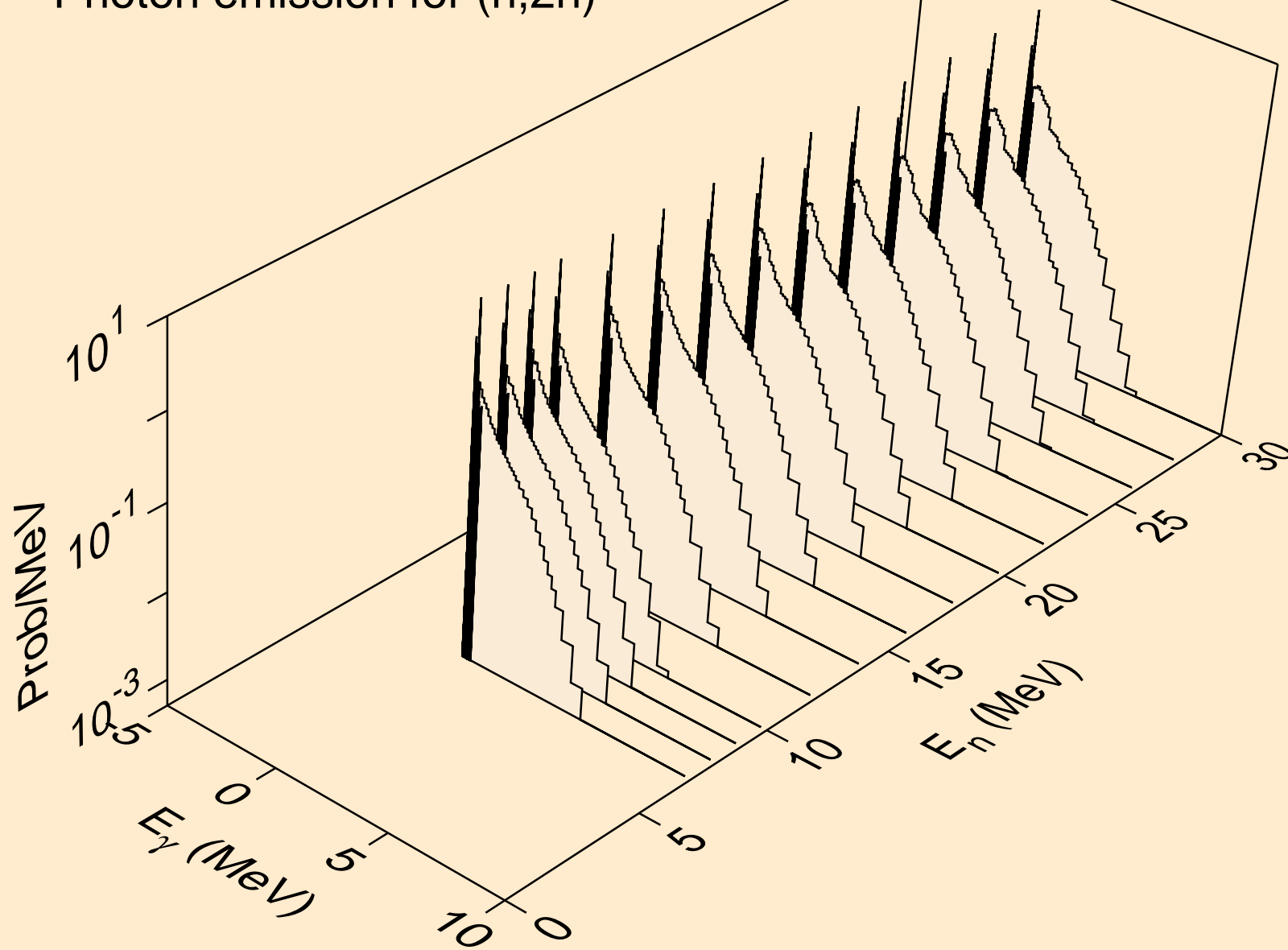
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



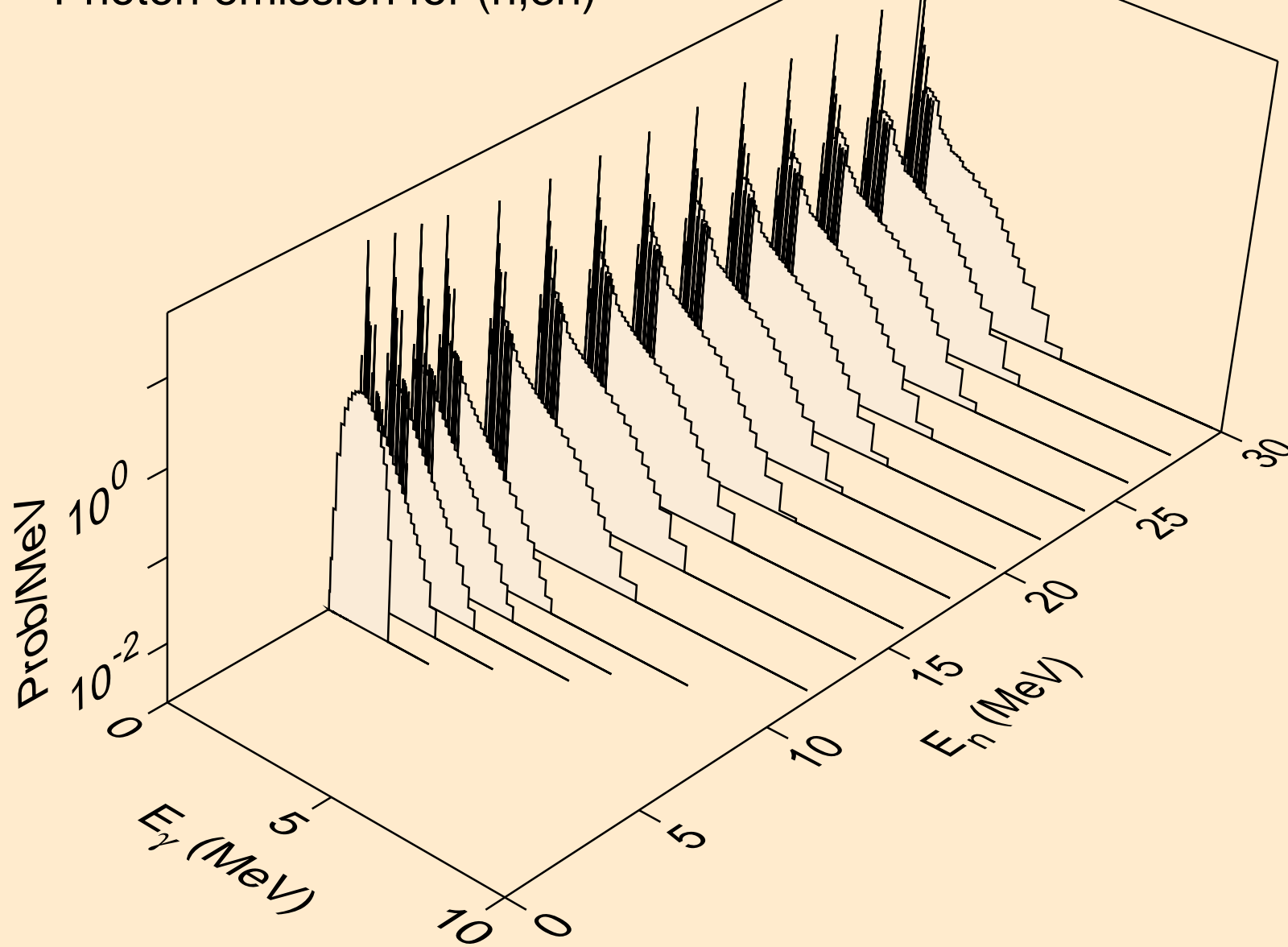
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



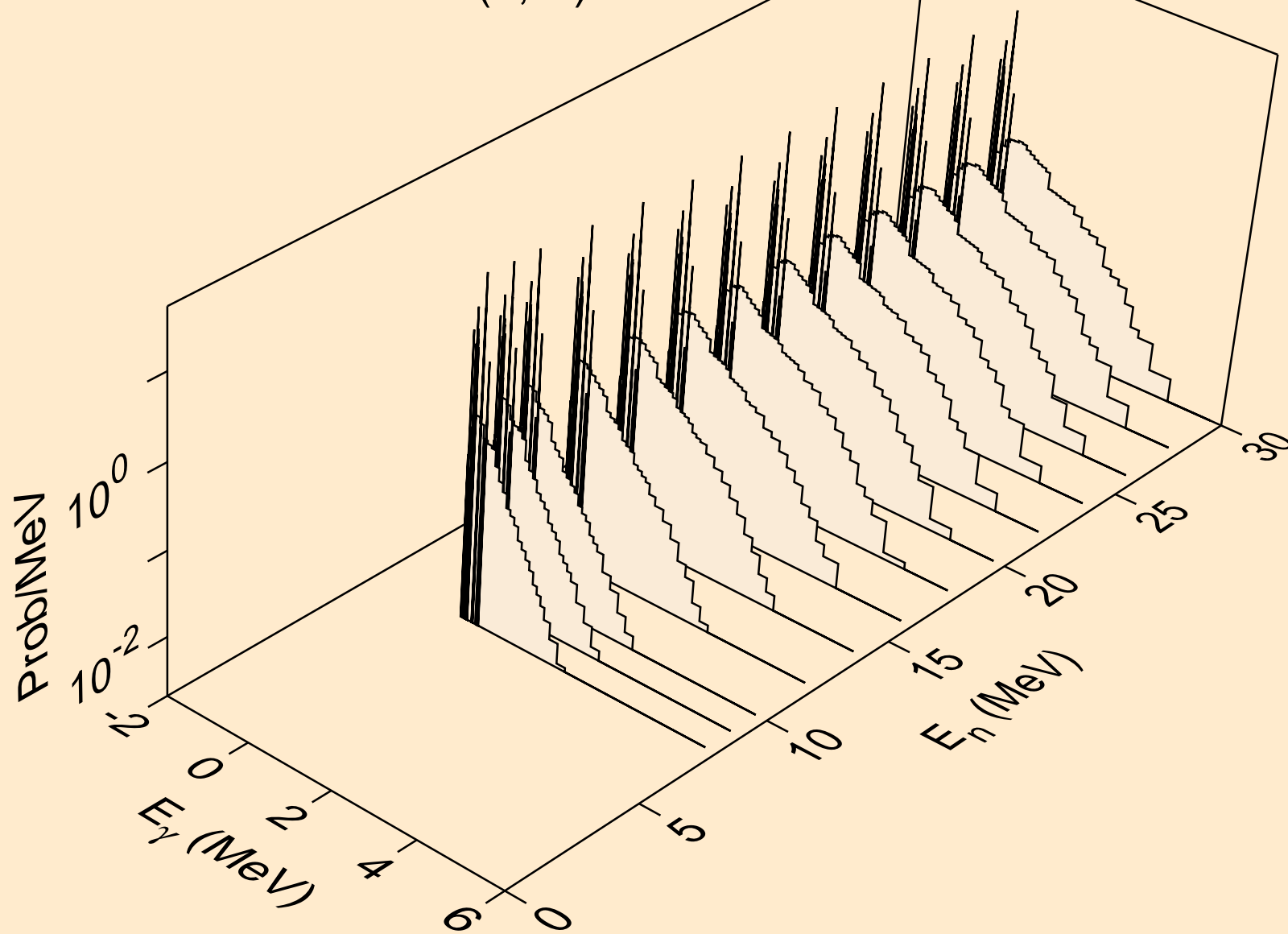
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



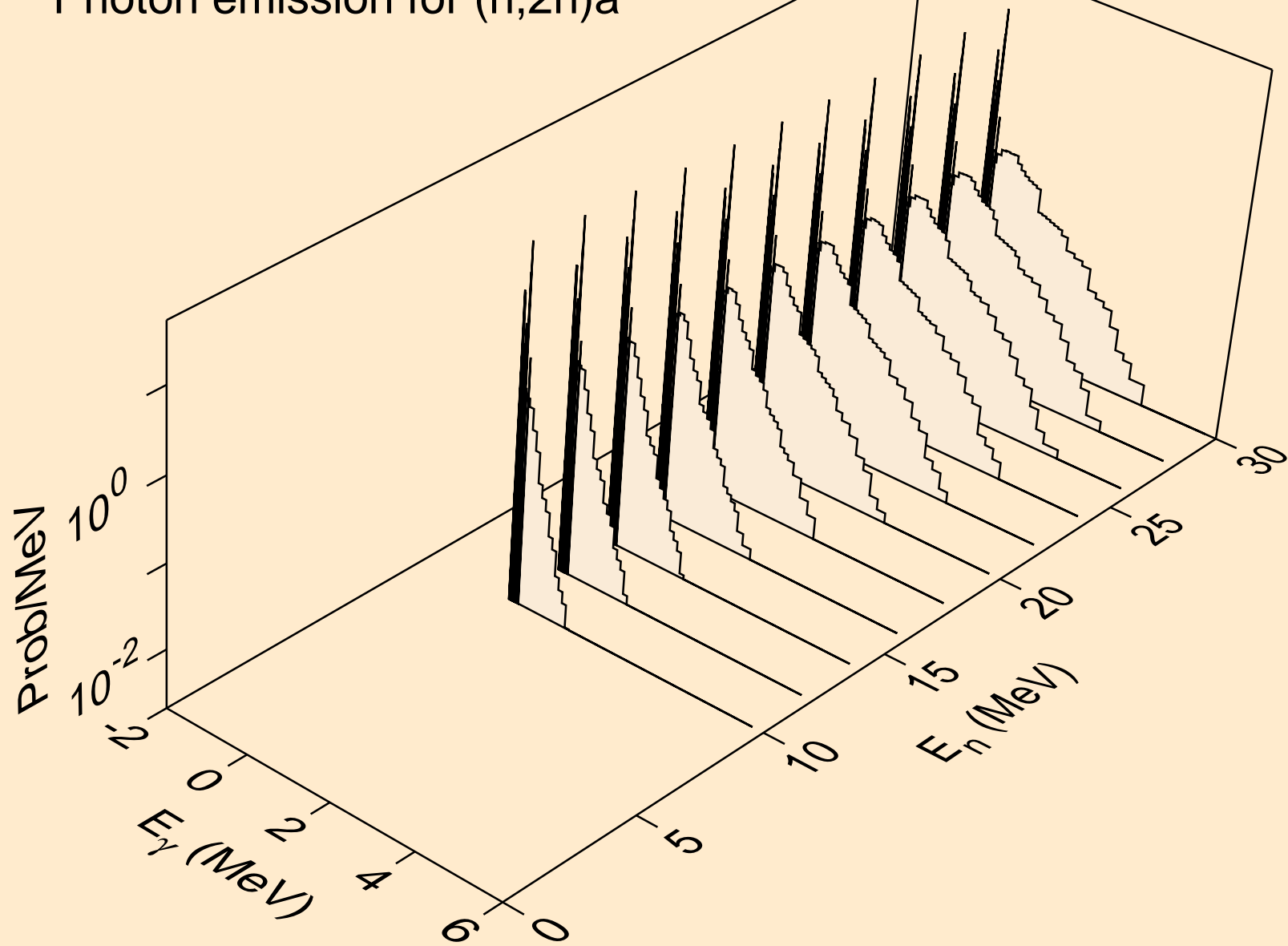
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



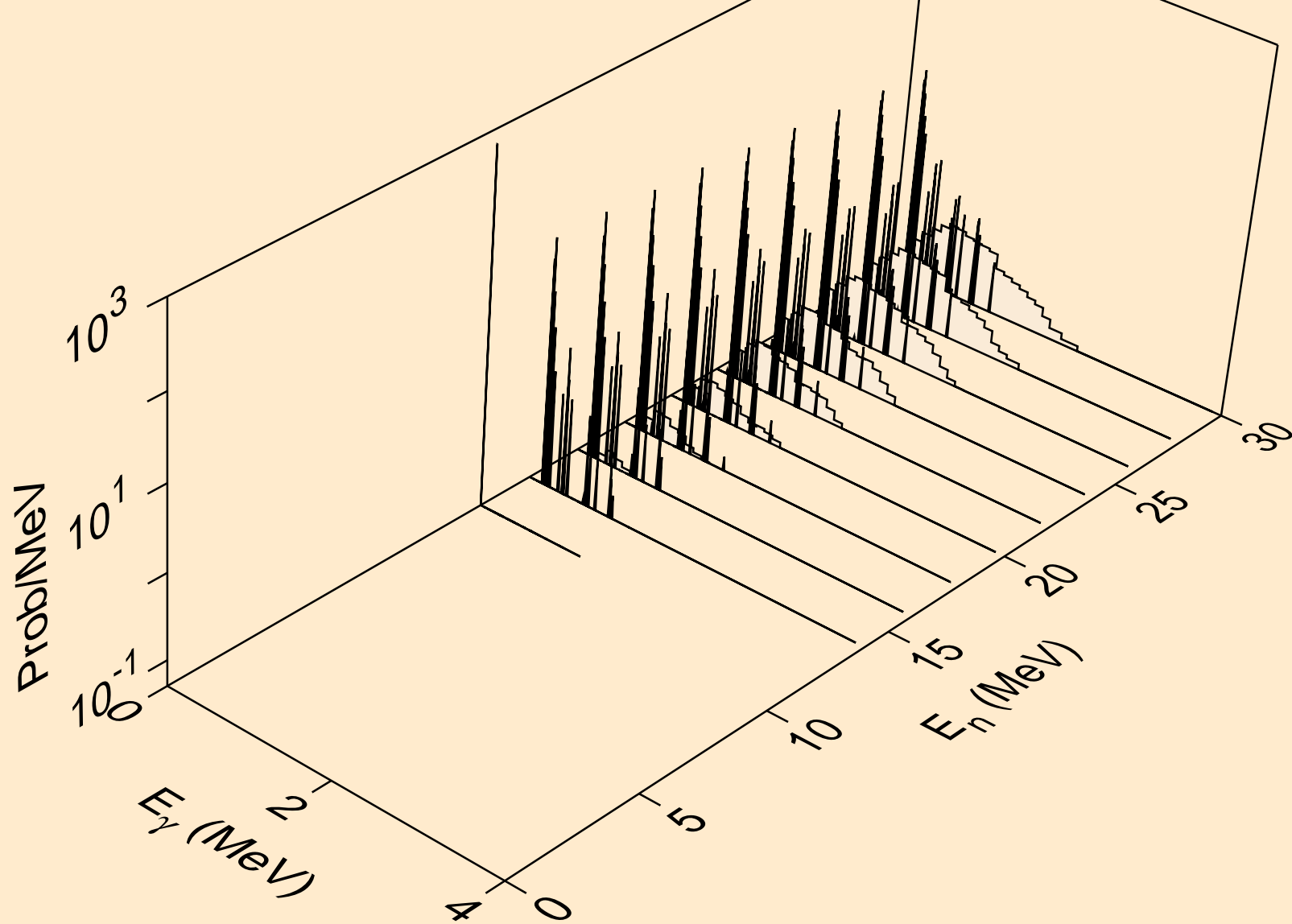
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



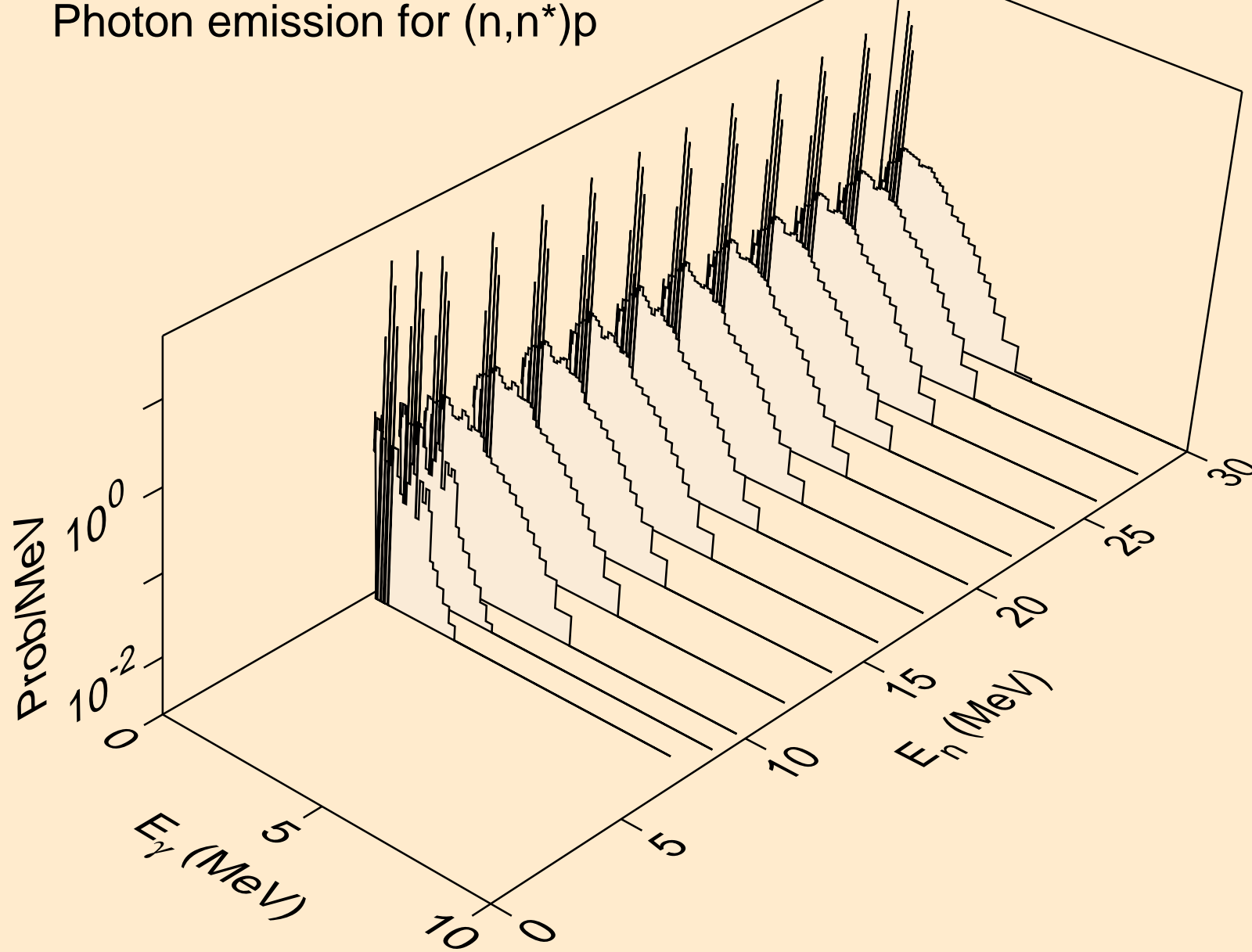
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α



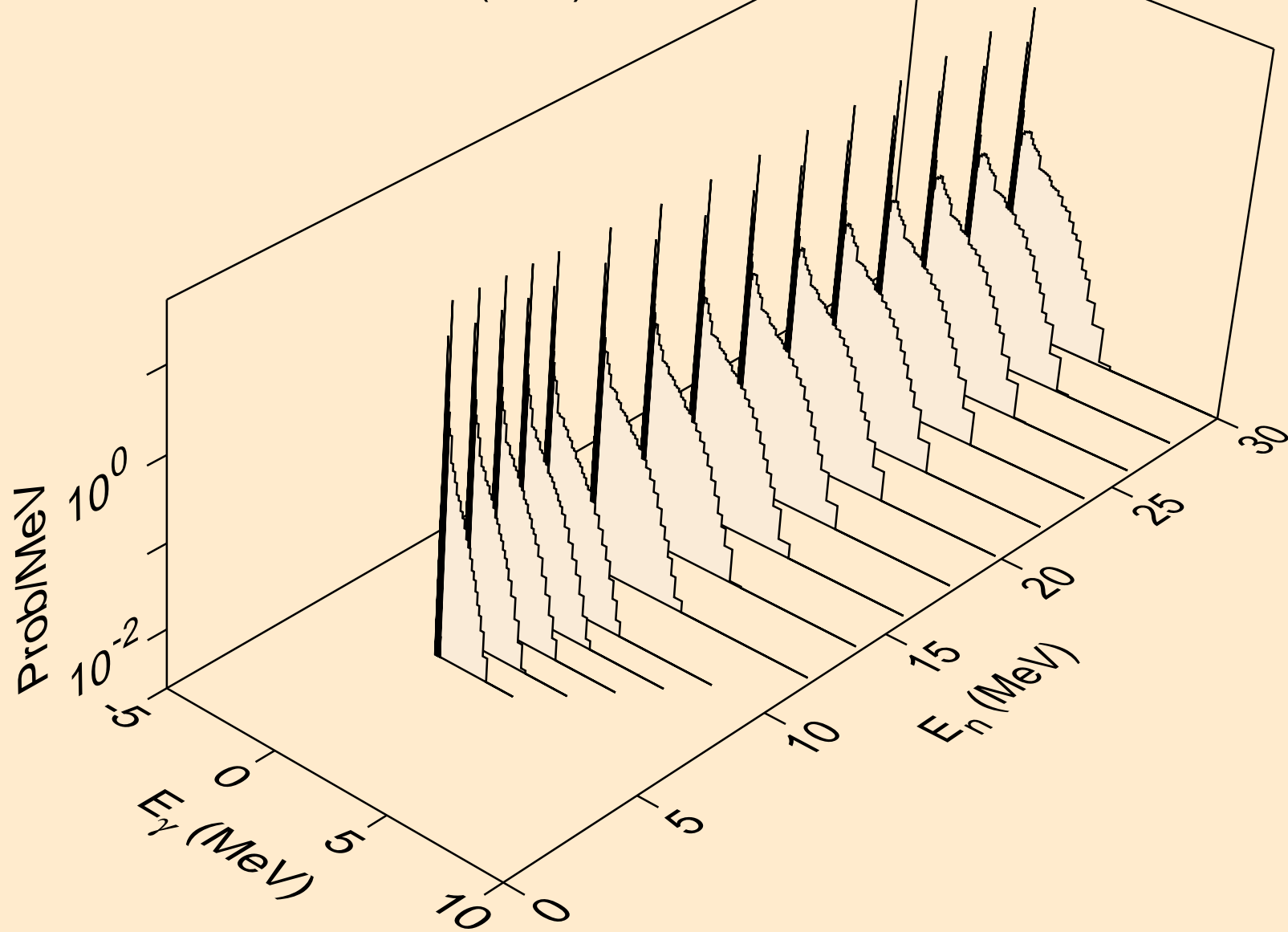
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



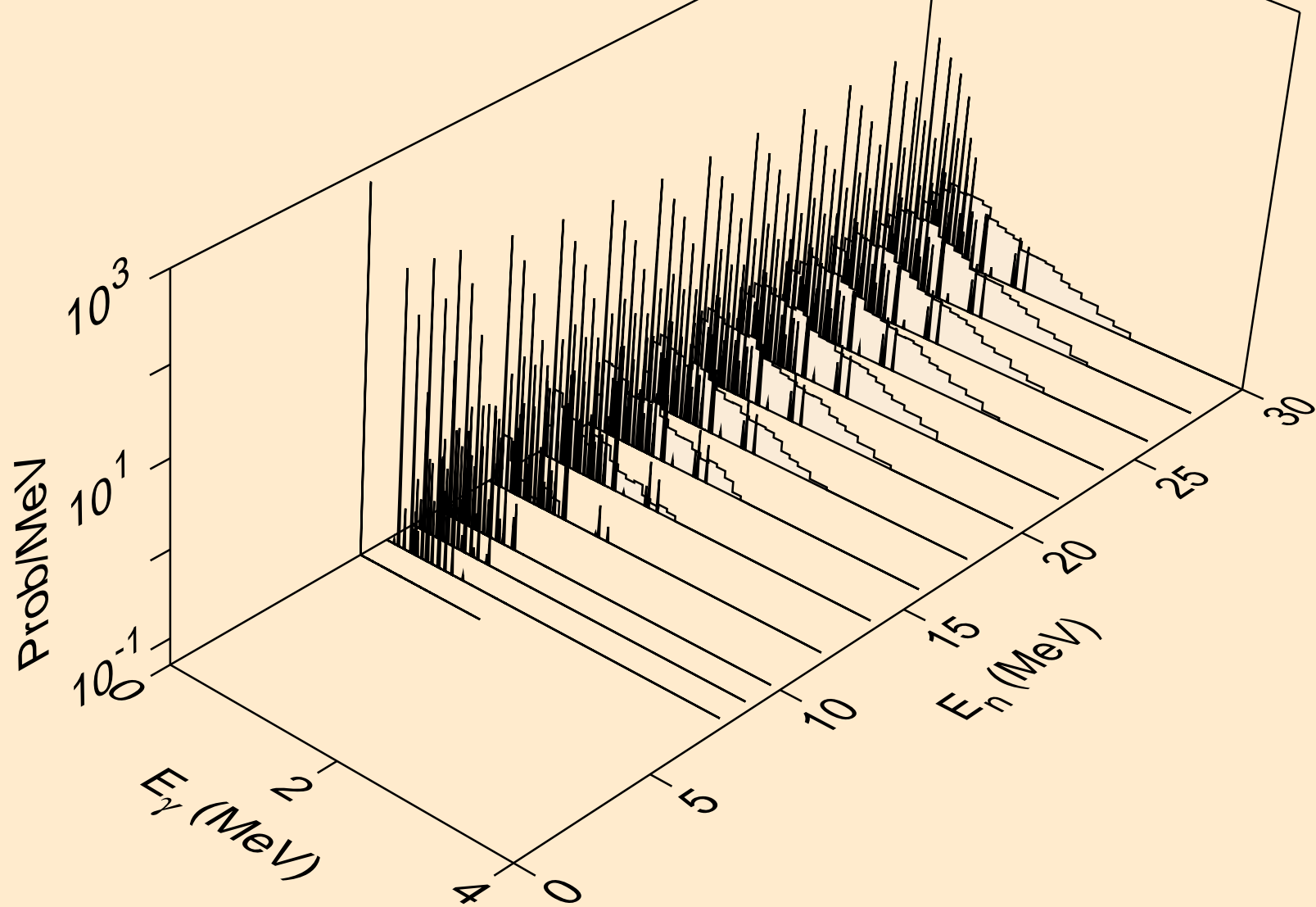
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



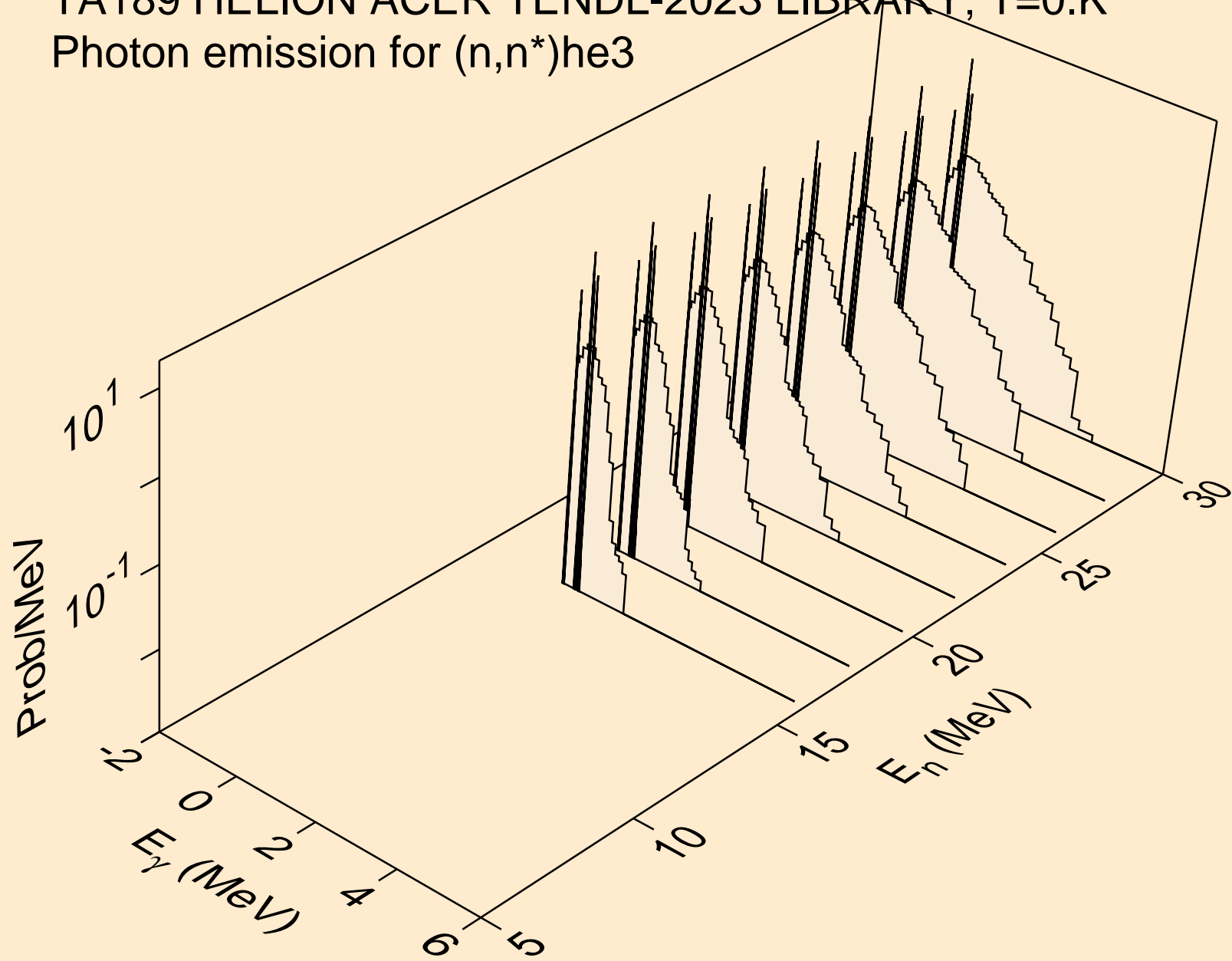
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



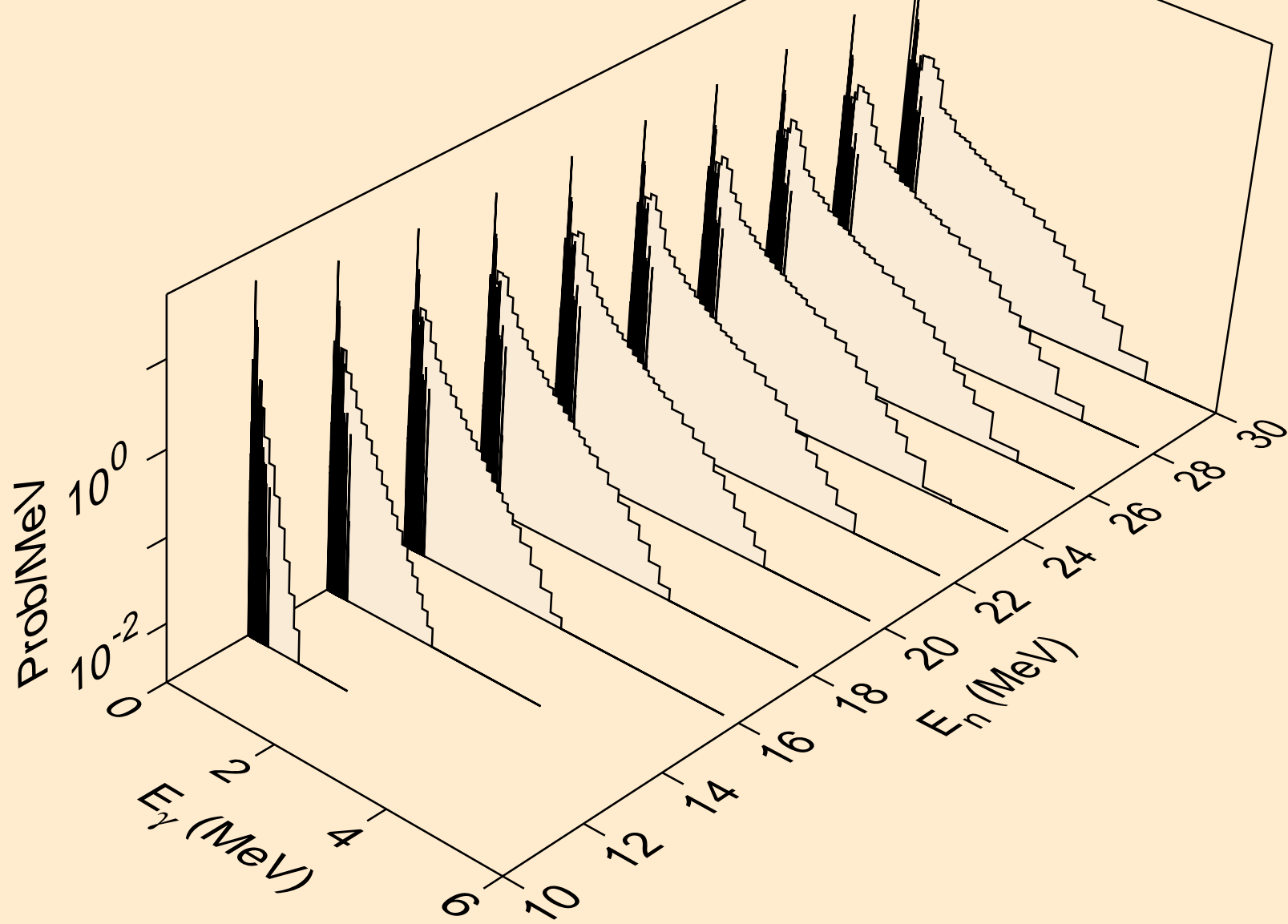
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



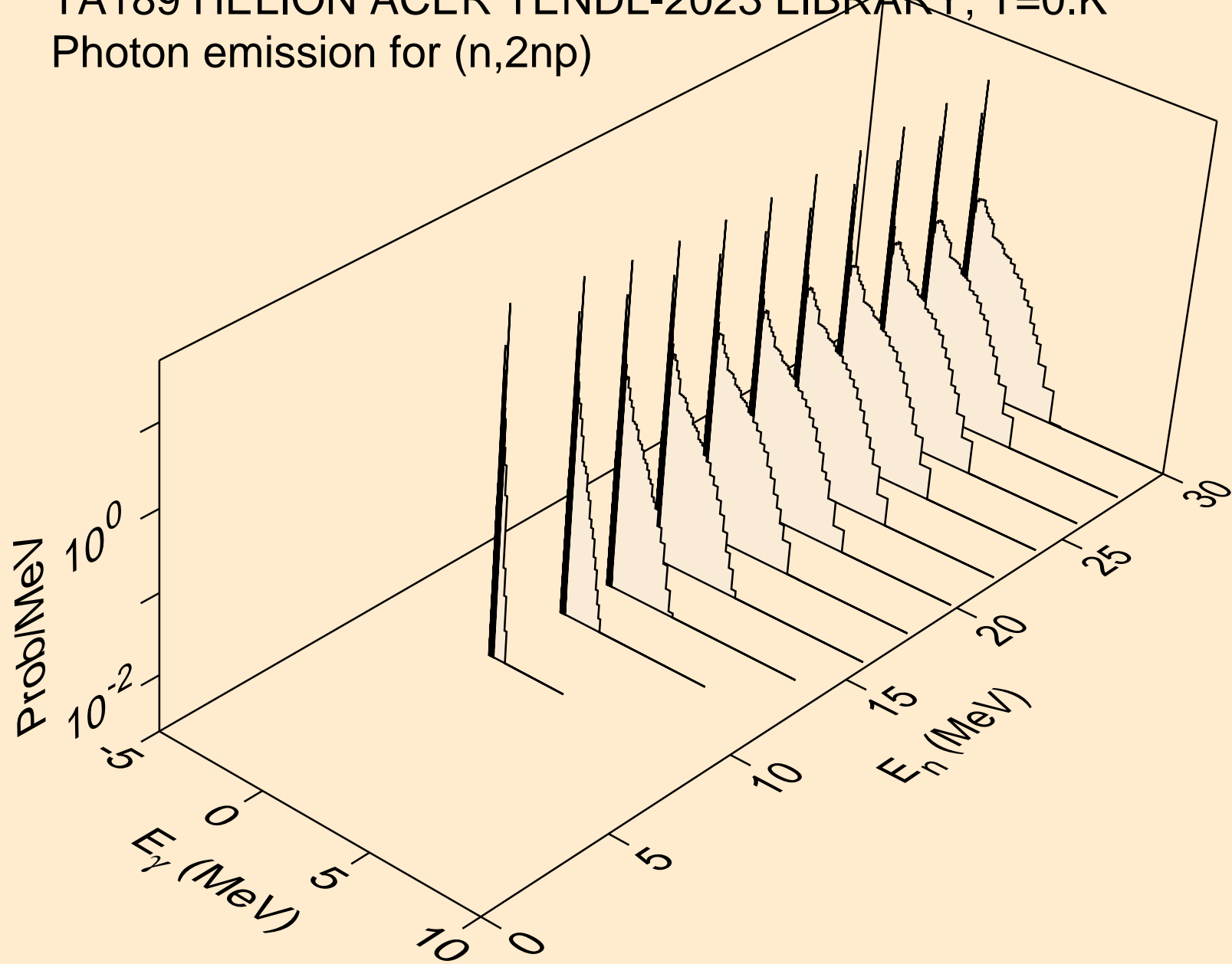
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



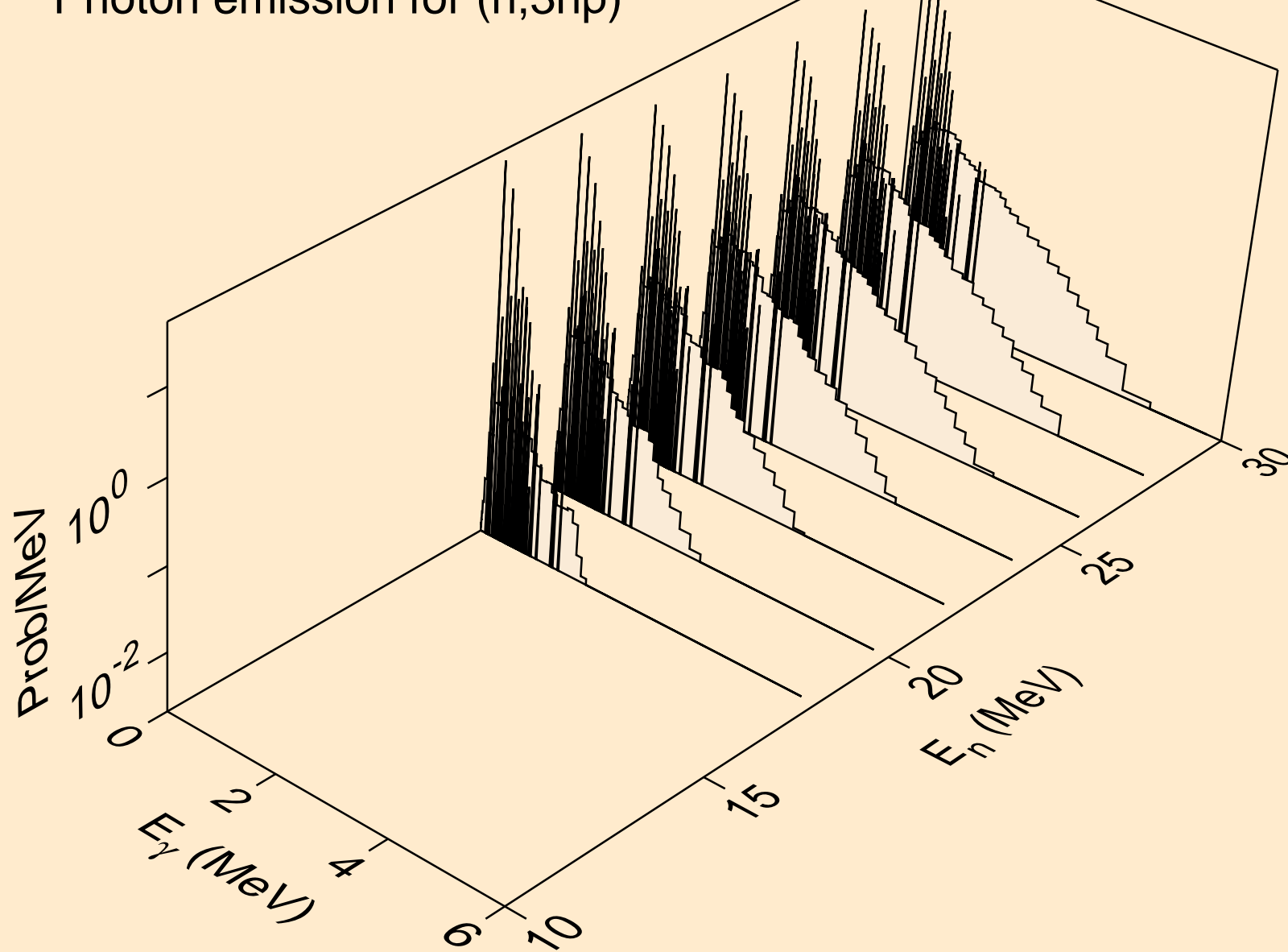
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



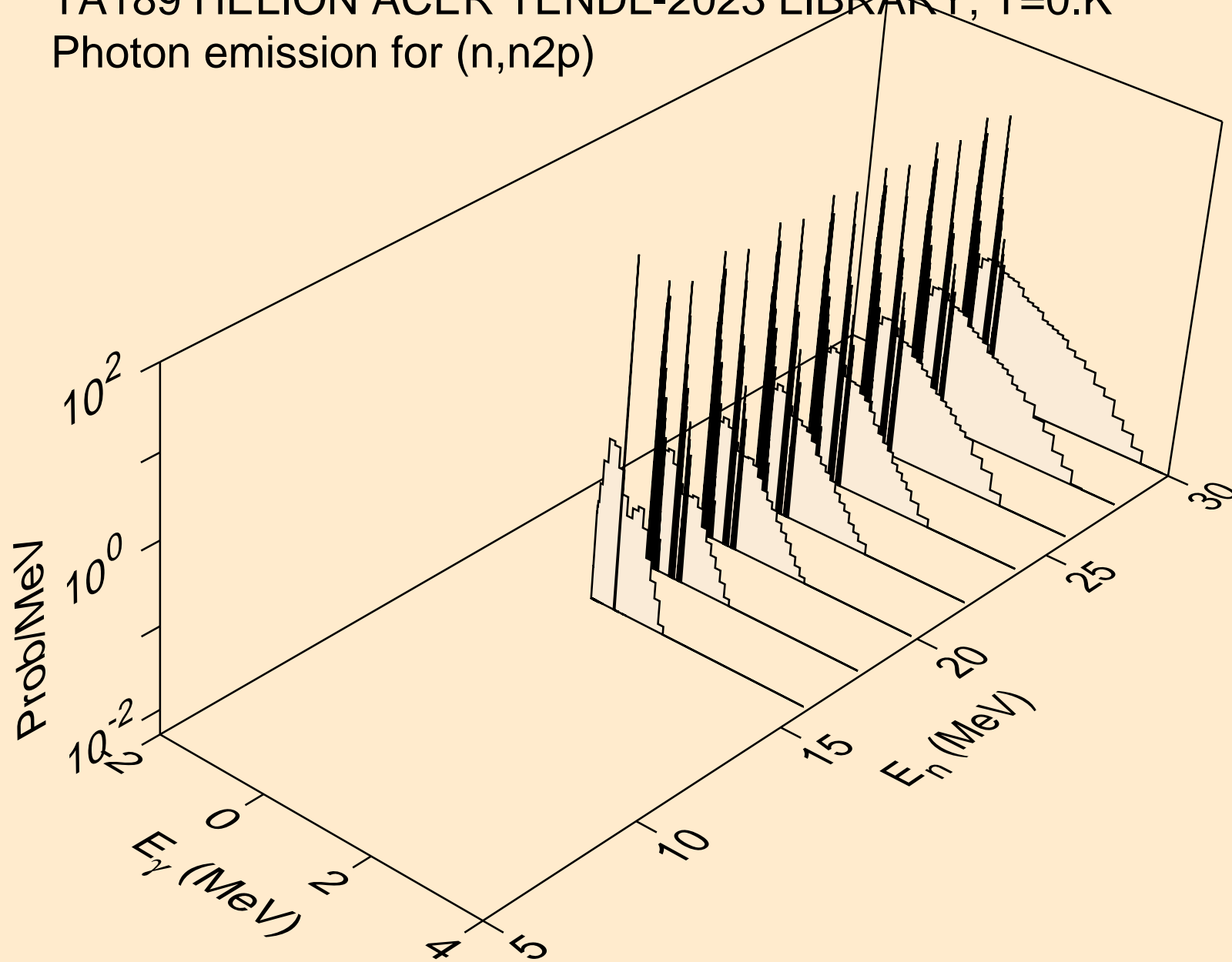
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Photon emission for (n,2np)



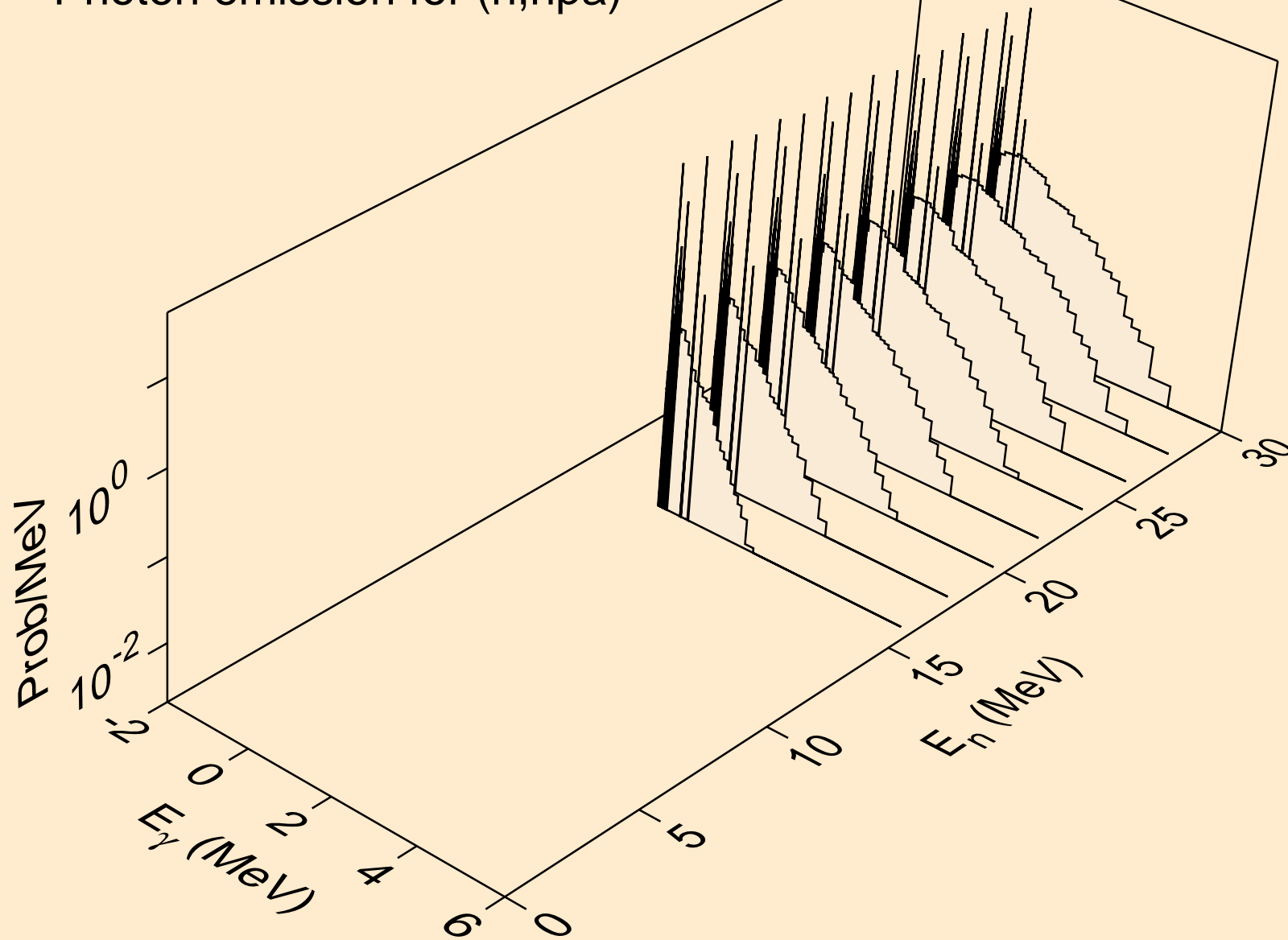
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Photon emission for (n,3np)



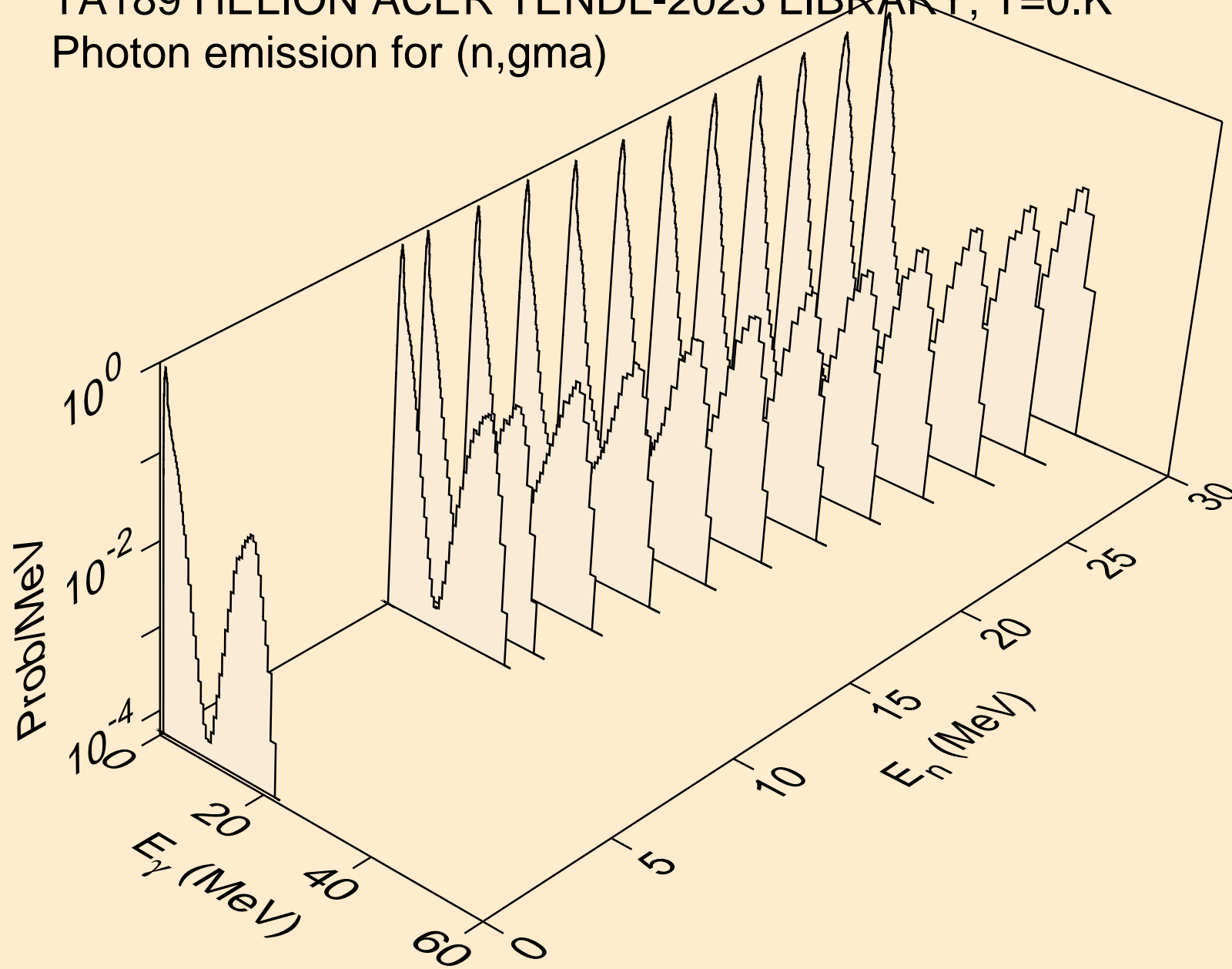
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Photon emission for (n,n2p)



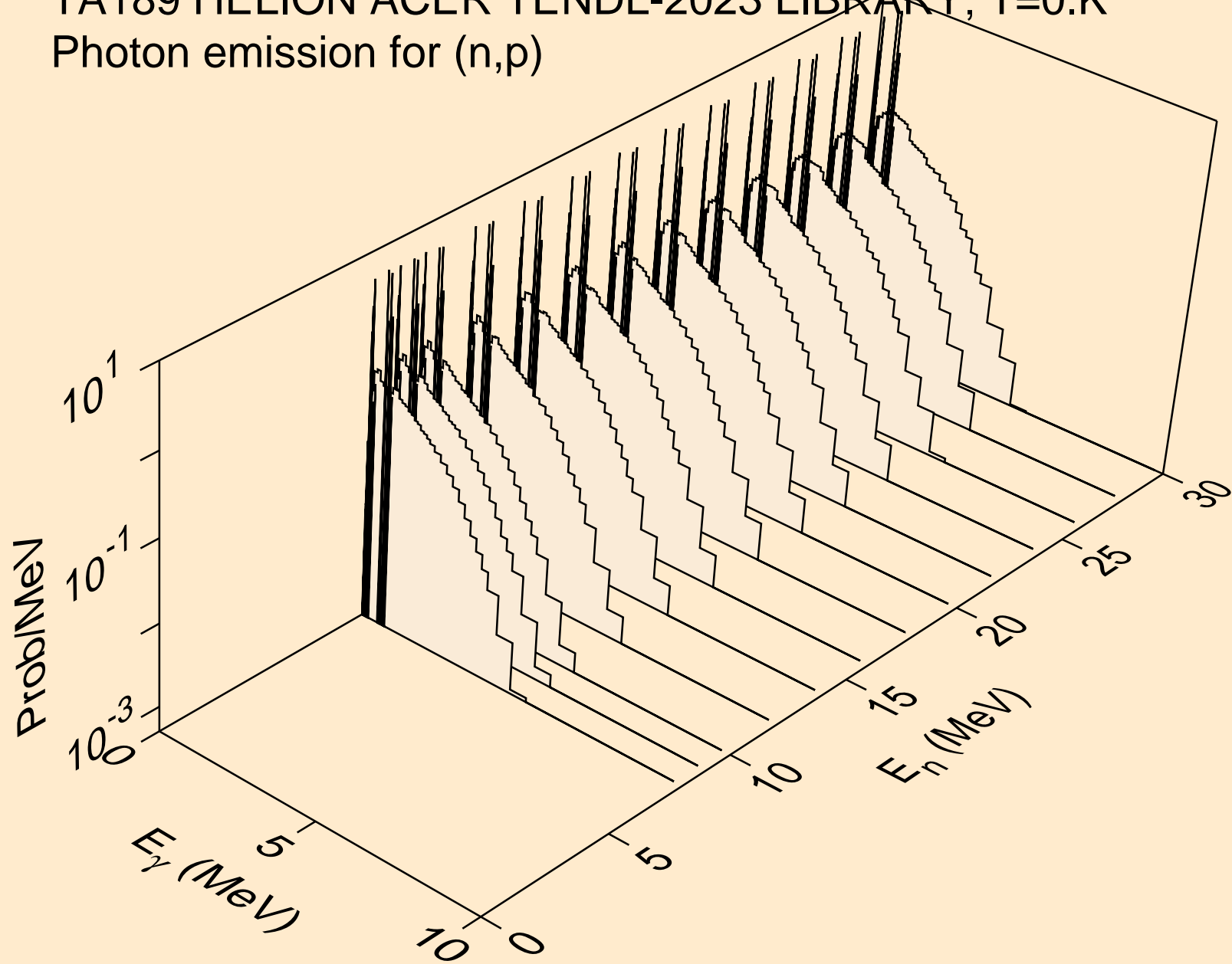
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Photon emission for (n,npa)



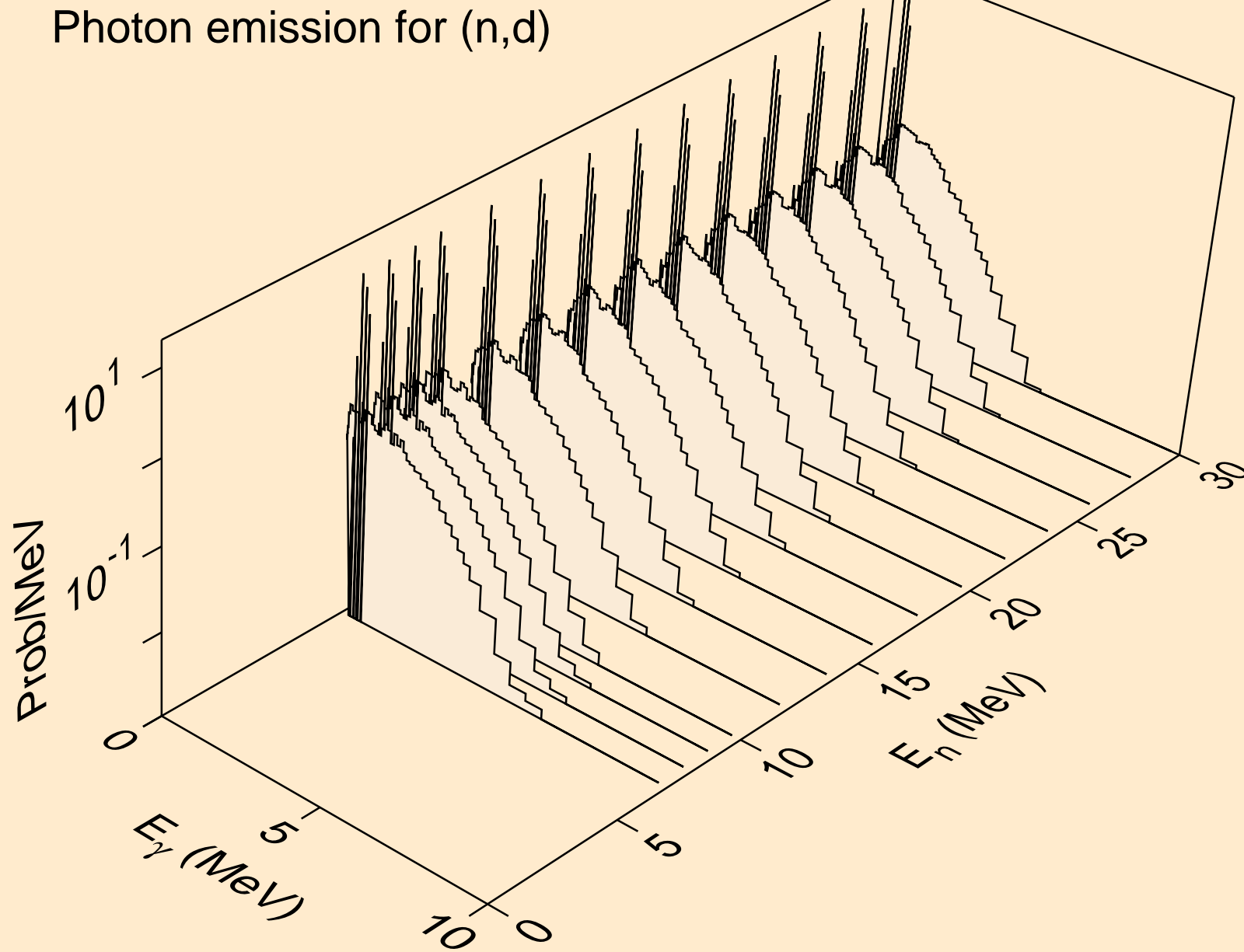
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Photon emission for (n,gma)



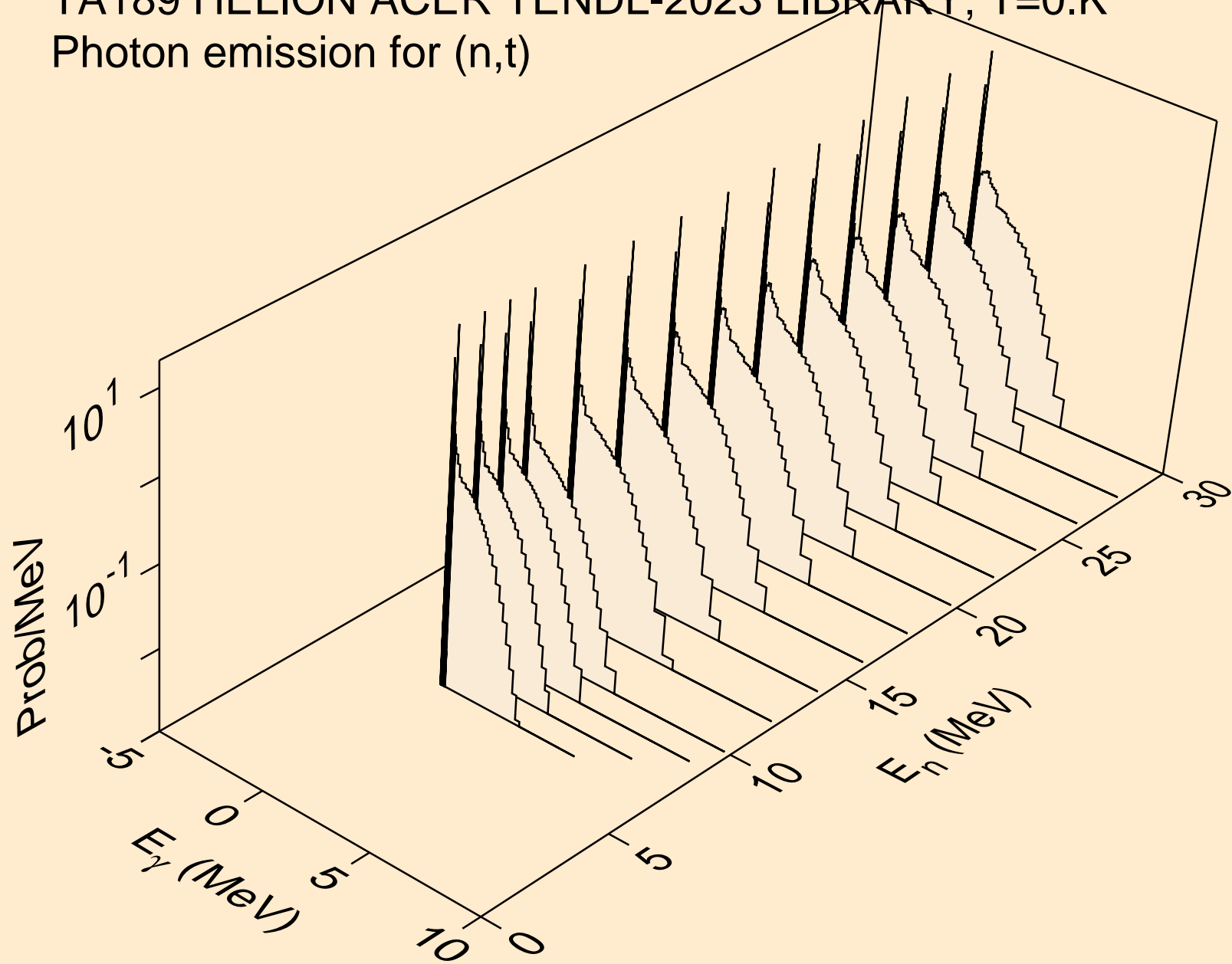
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



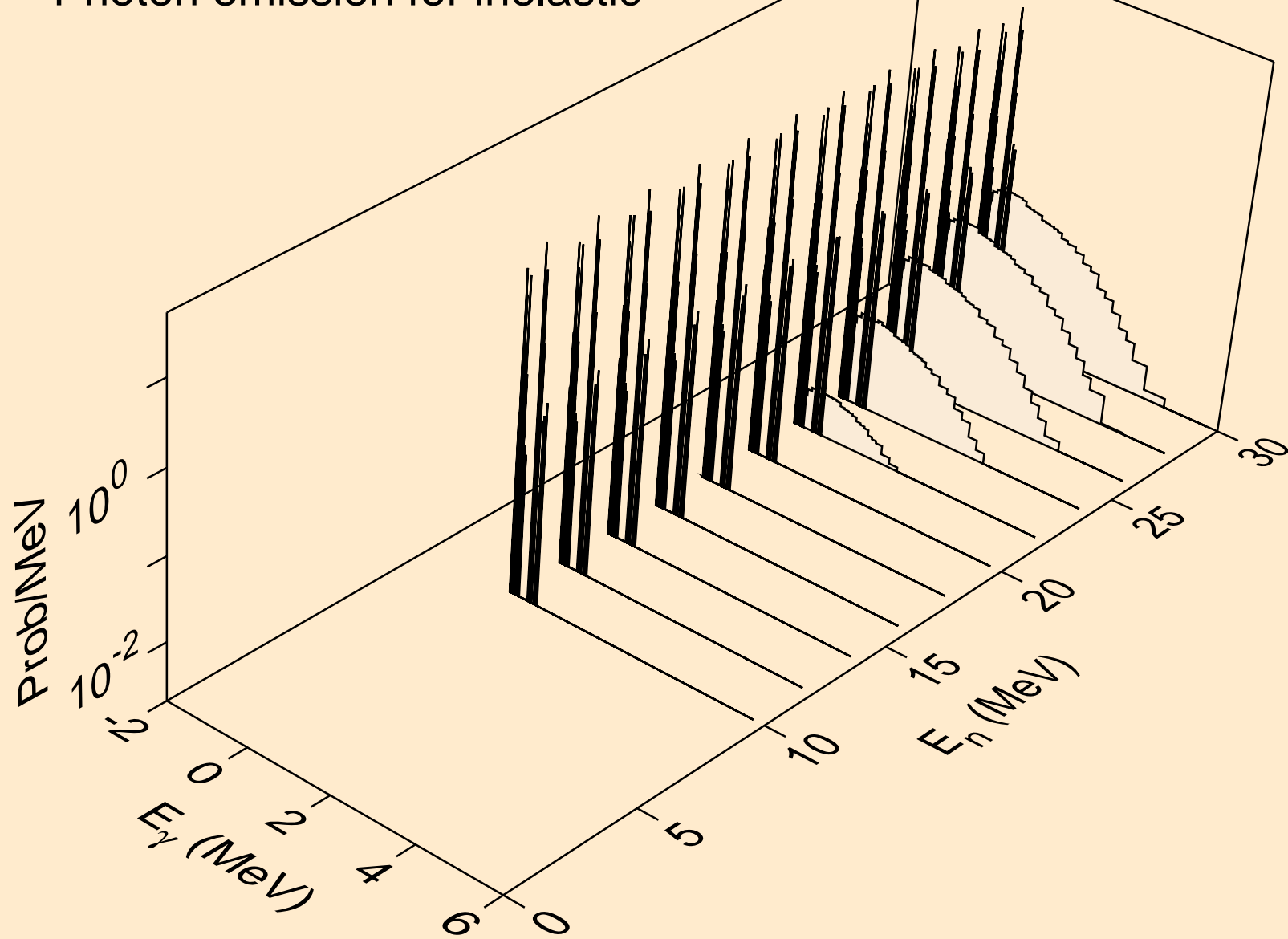
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Photon emission for (n,d)



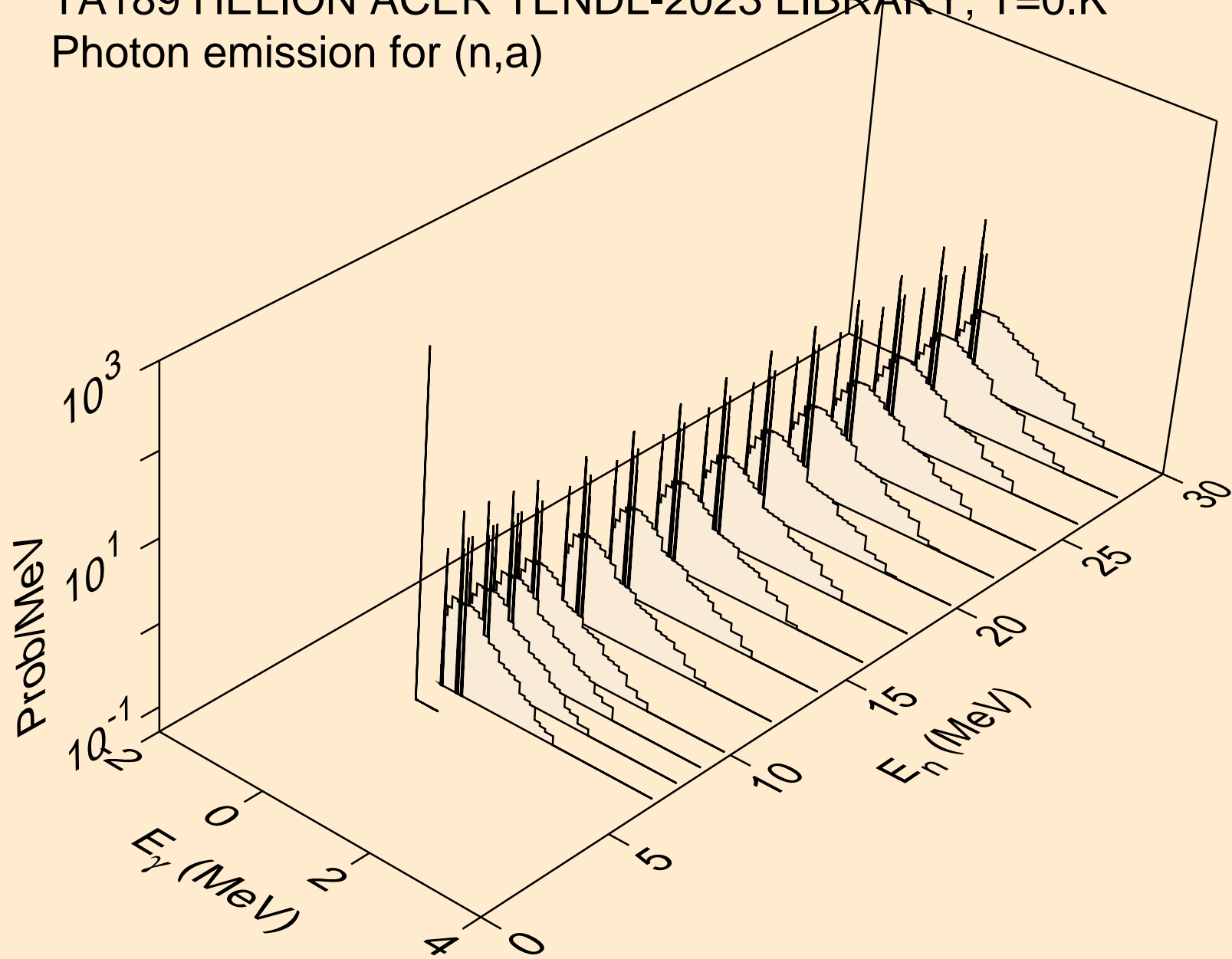
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Photon emission for (n,t)



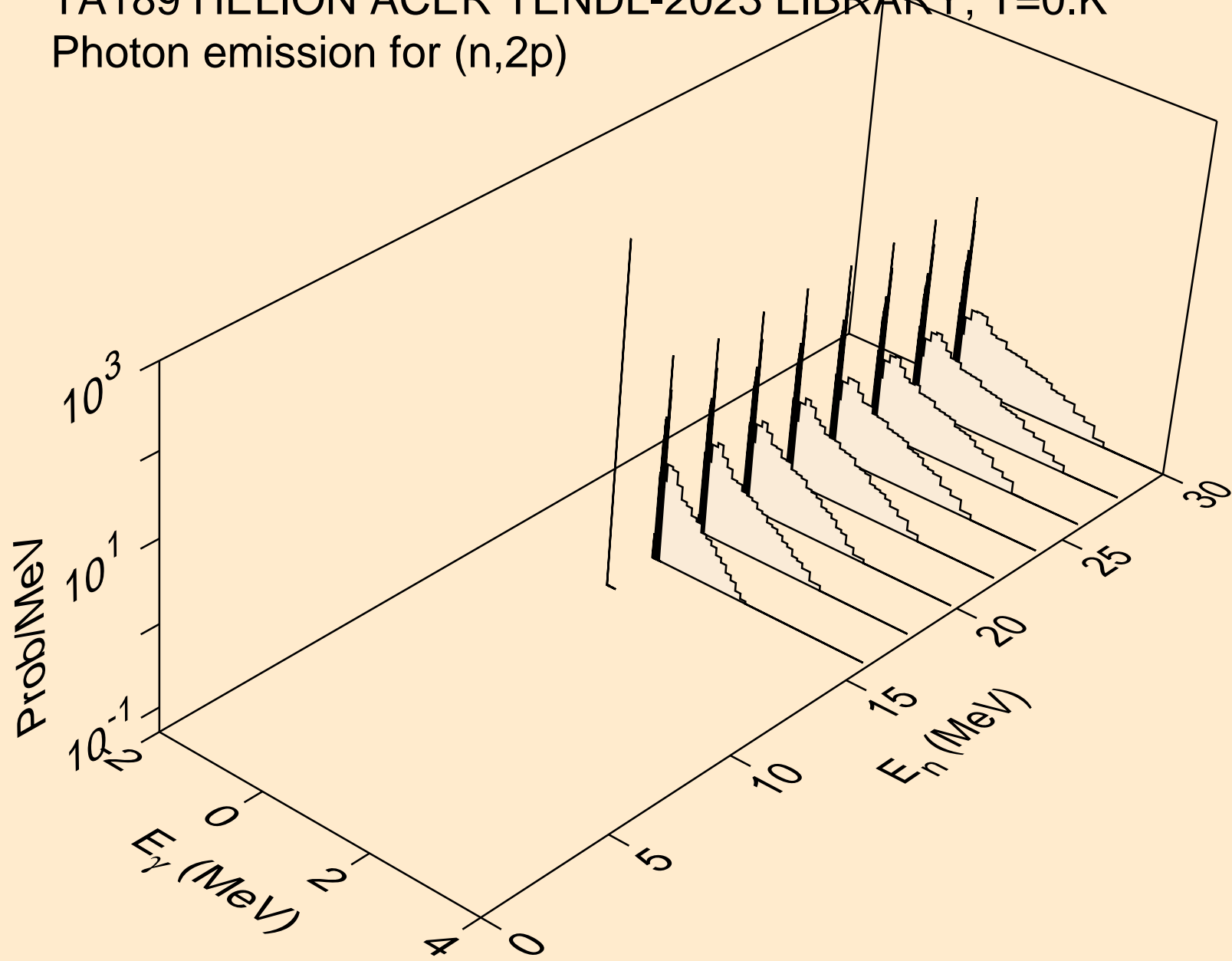
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



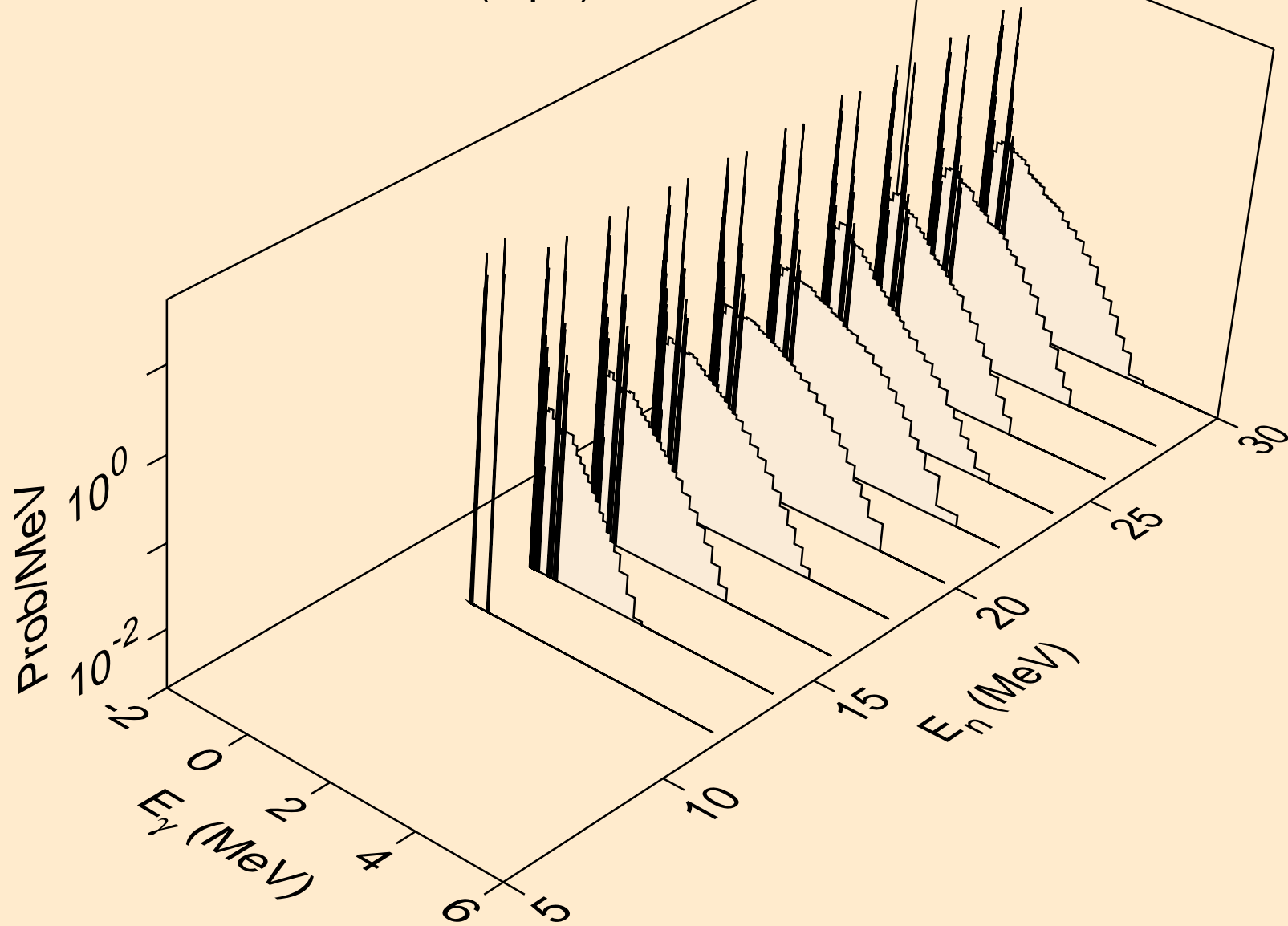
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



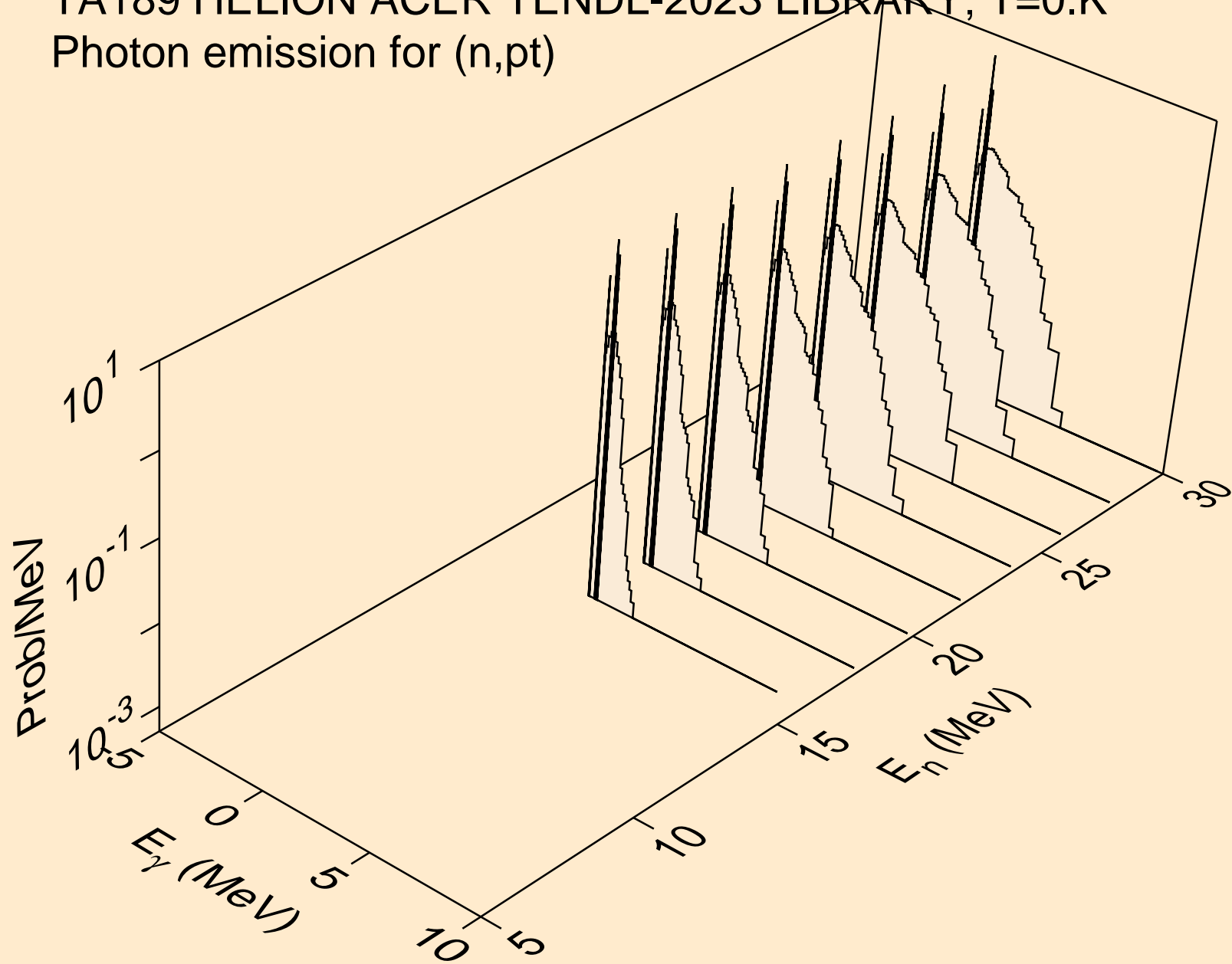
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



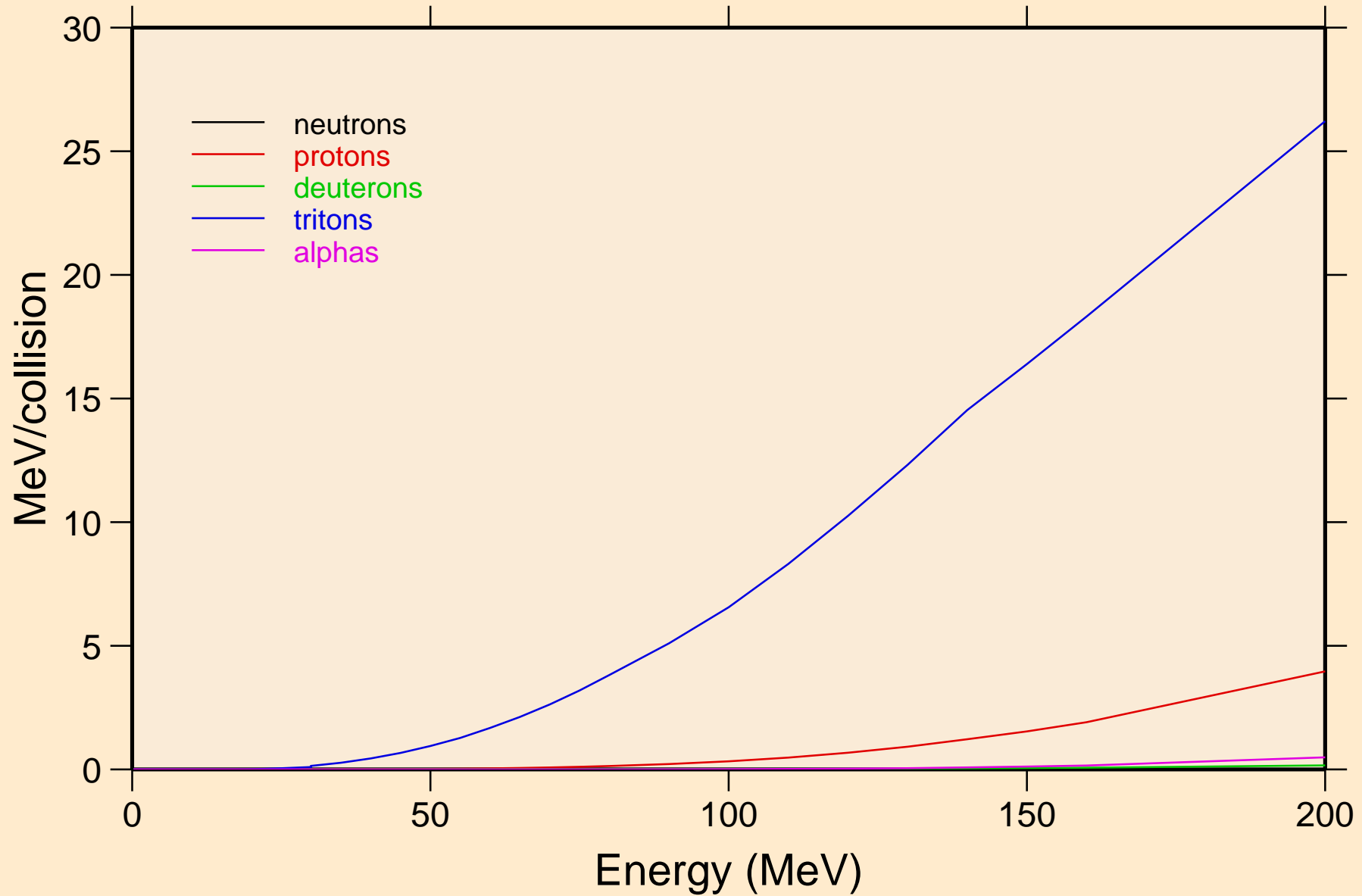
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



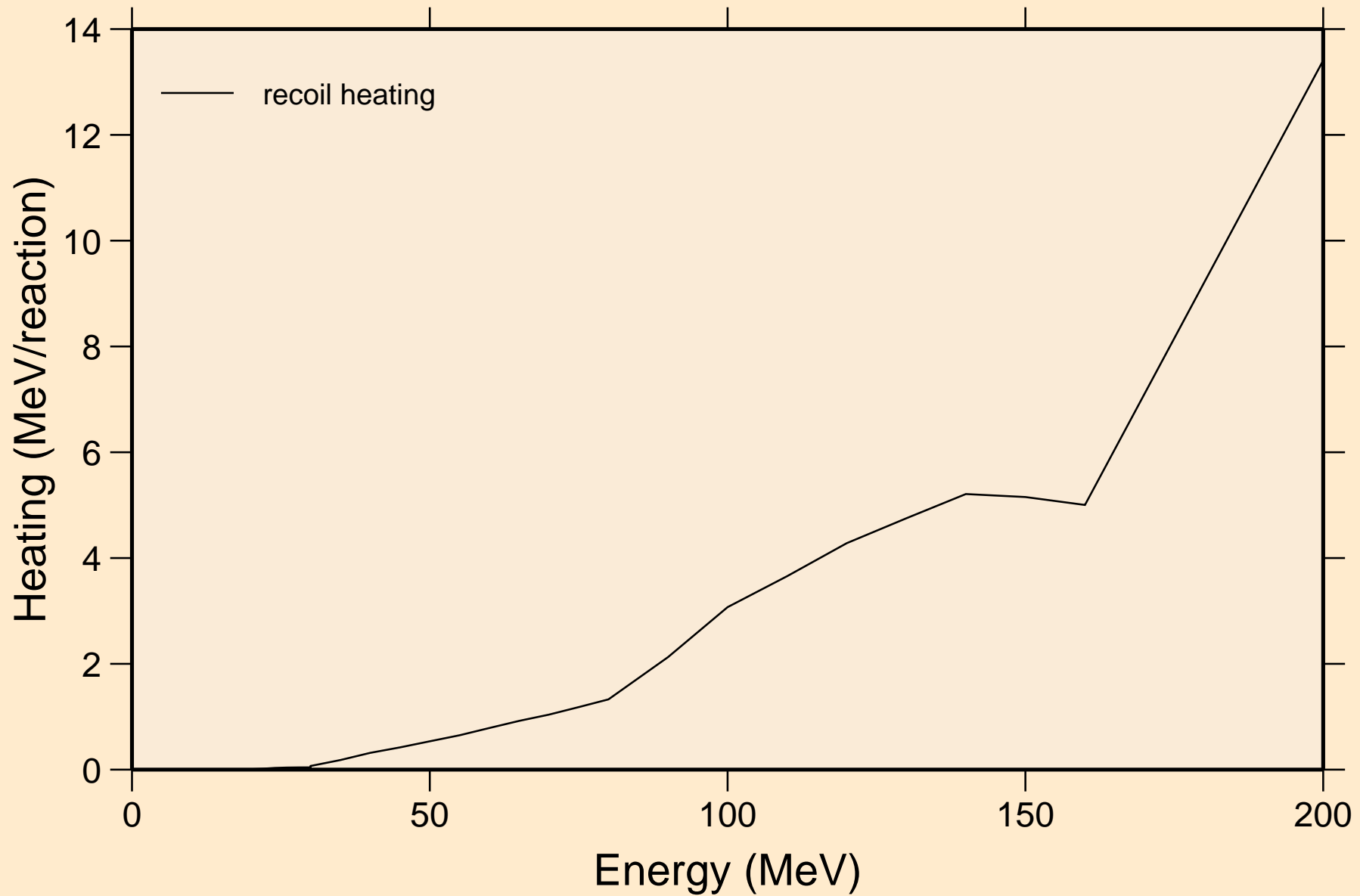
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



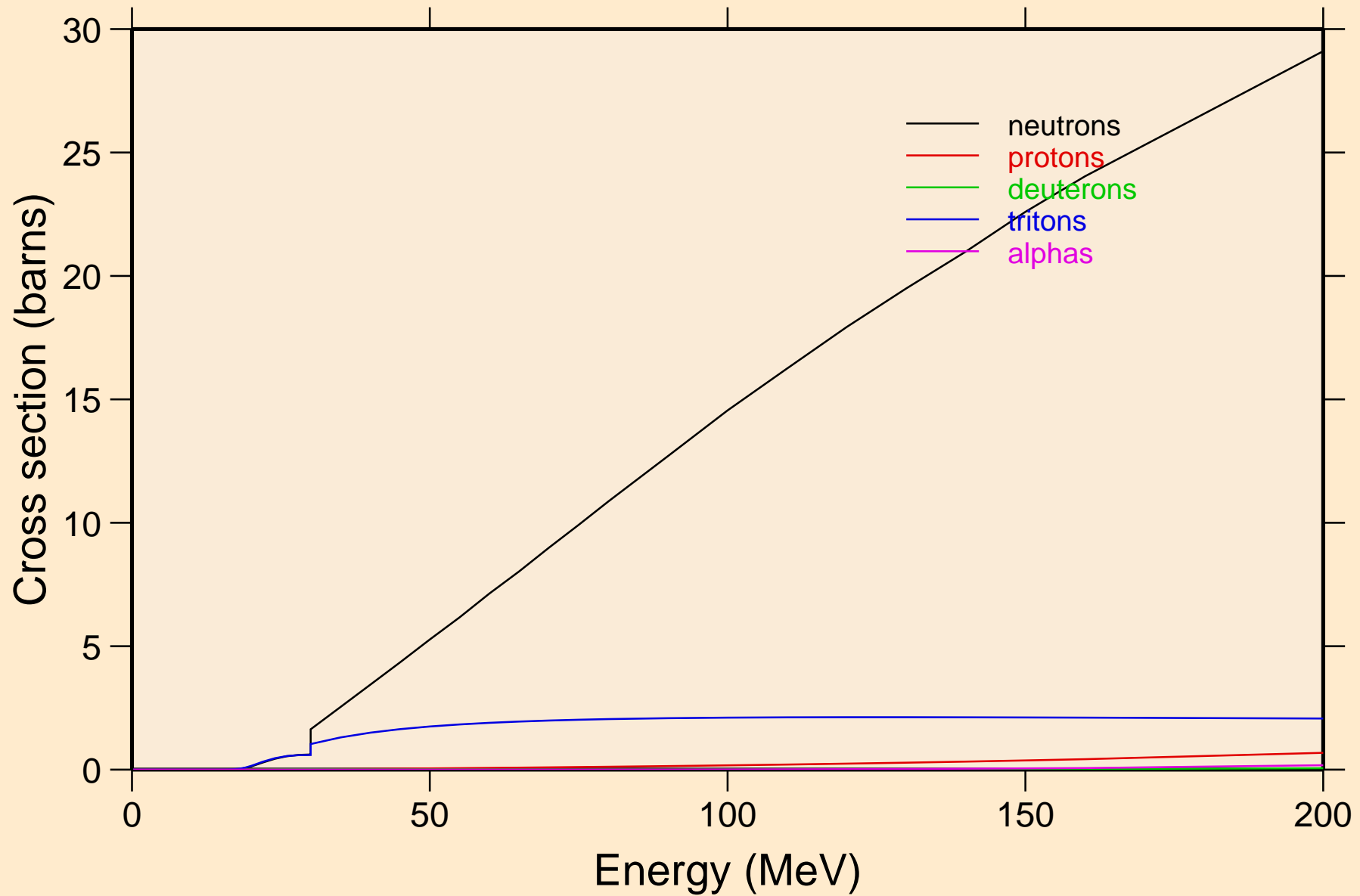
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions



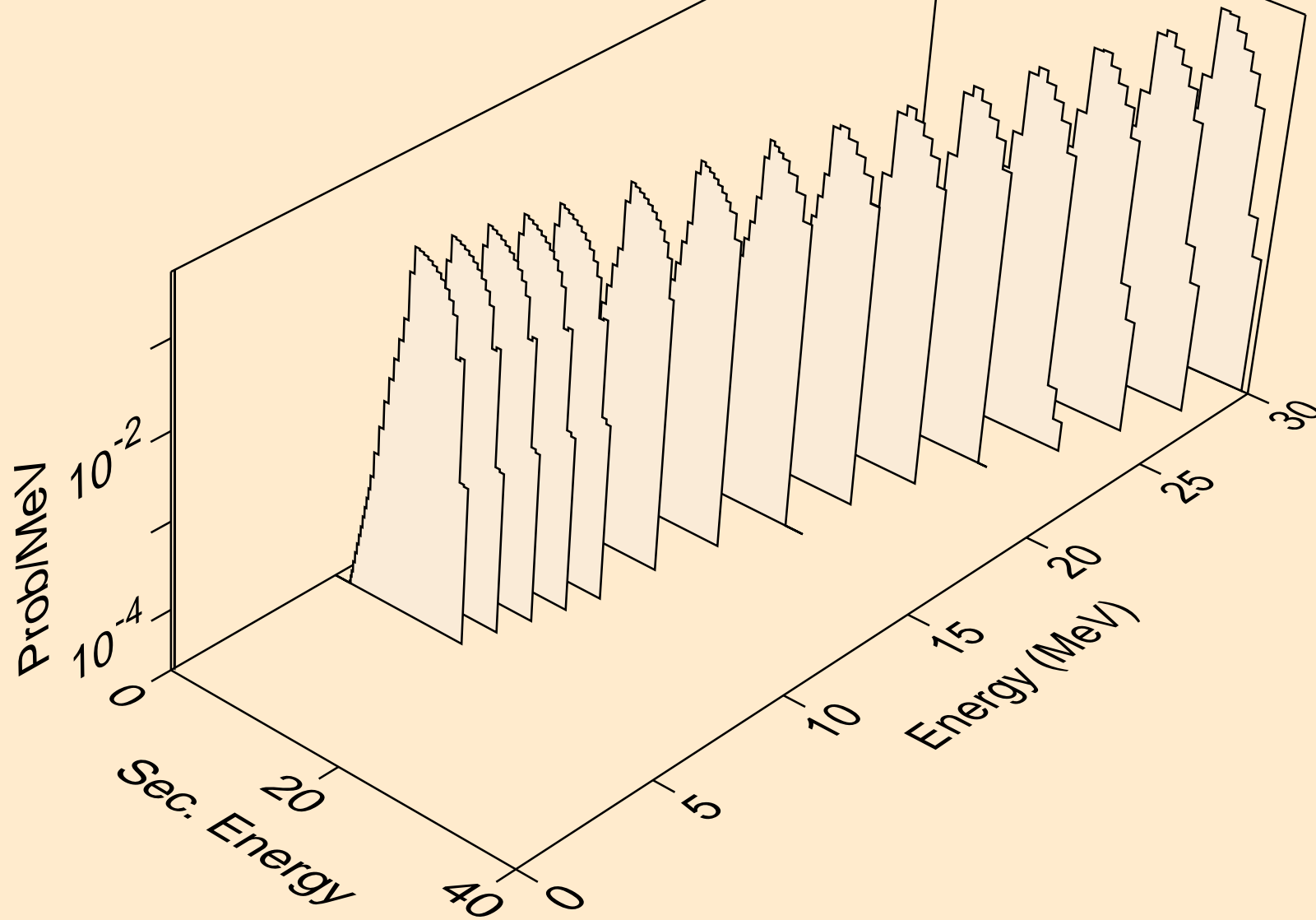
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Recoil Heating



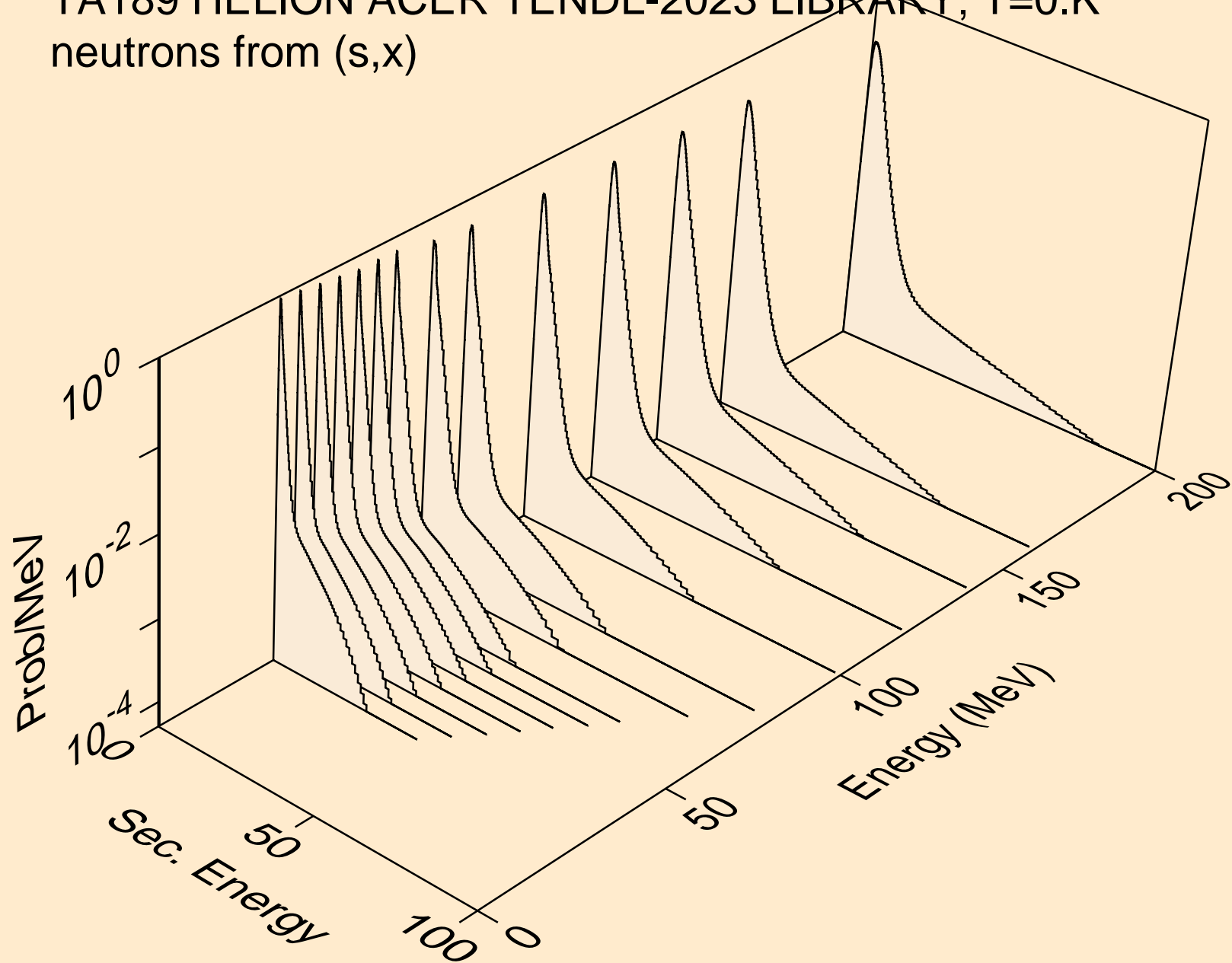
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



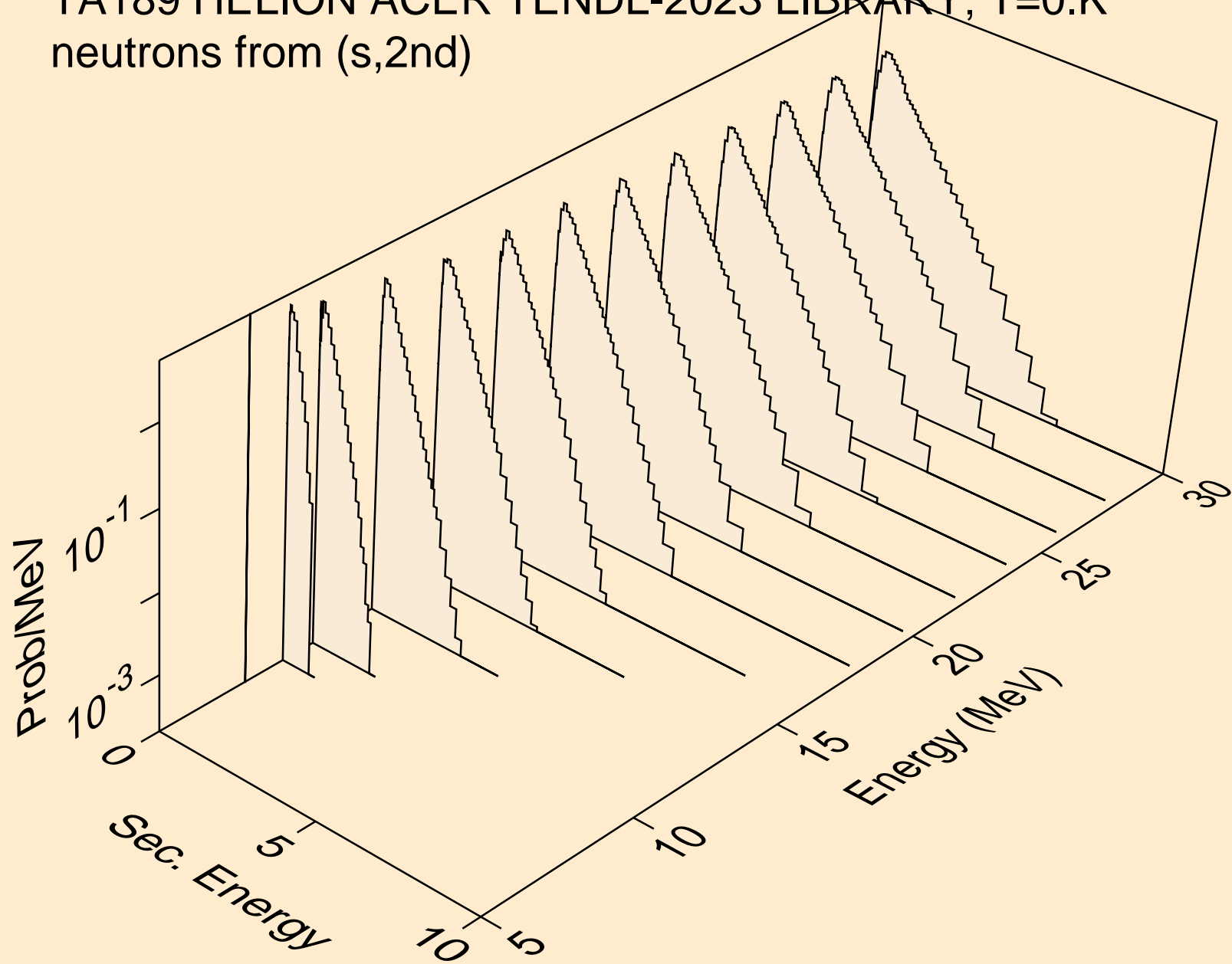
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n)



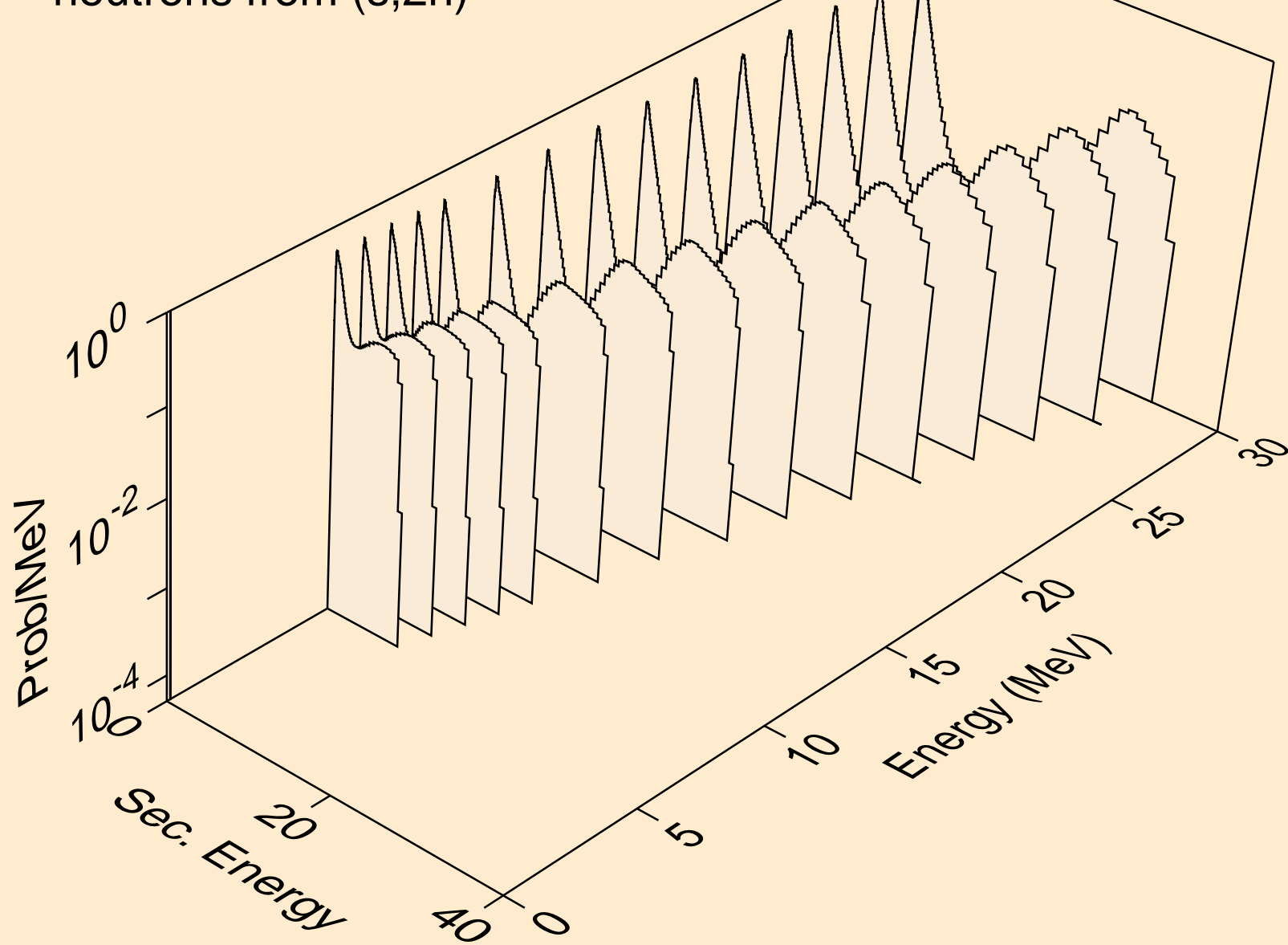
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,x)



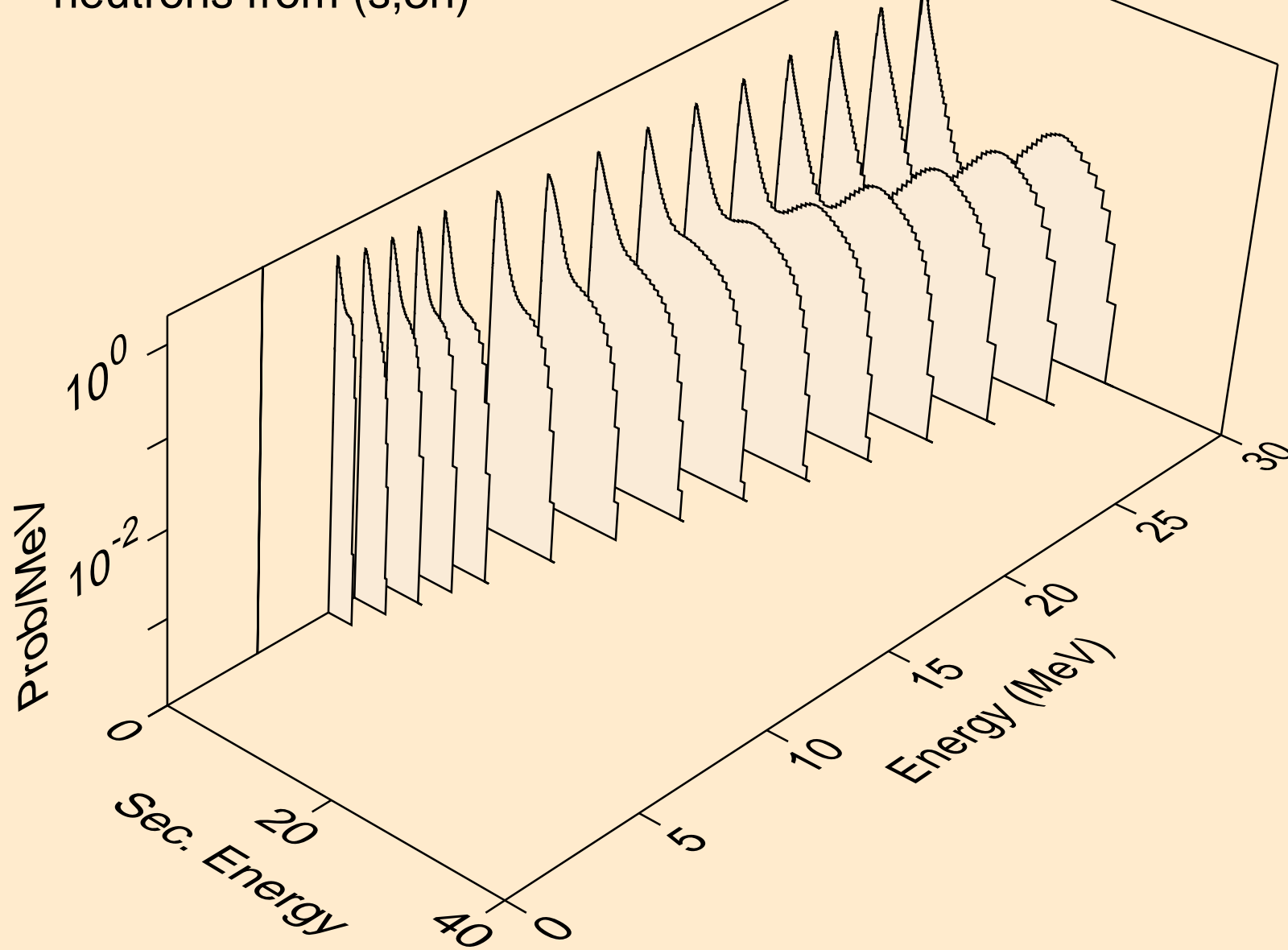
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neutrons from (s,2nd)



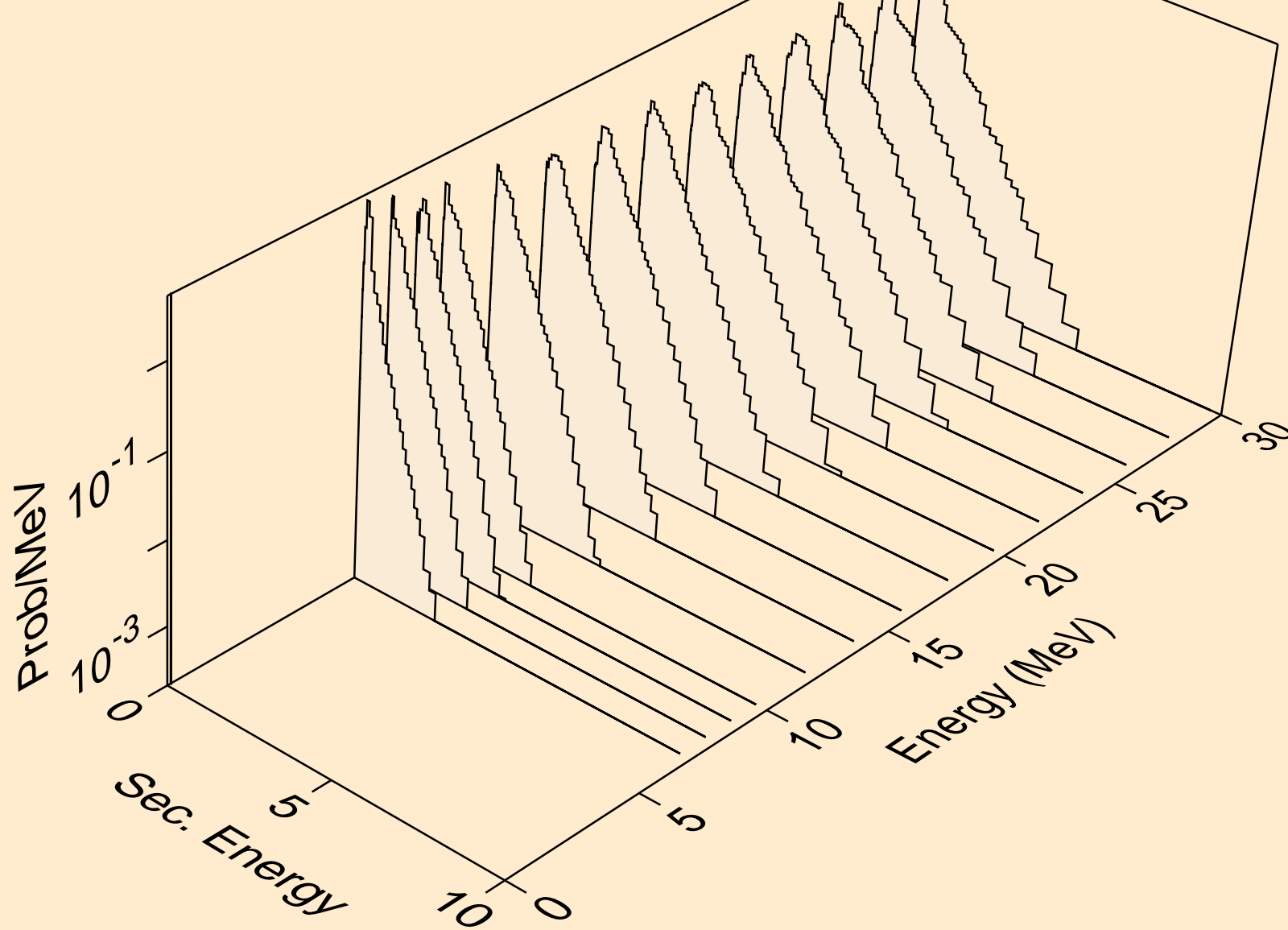
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neutrons from (s,2n)



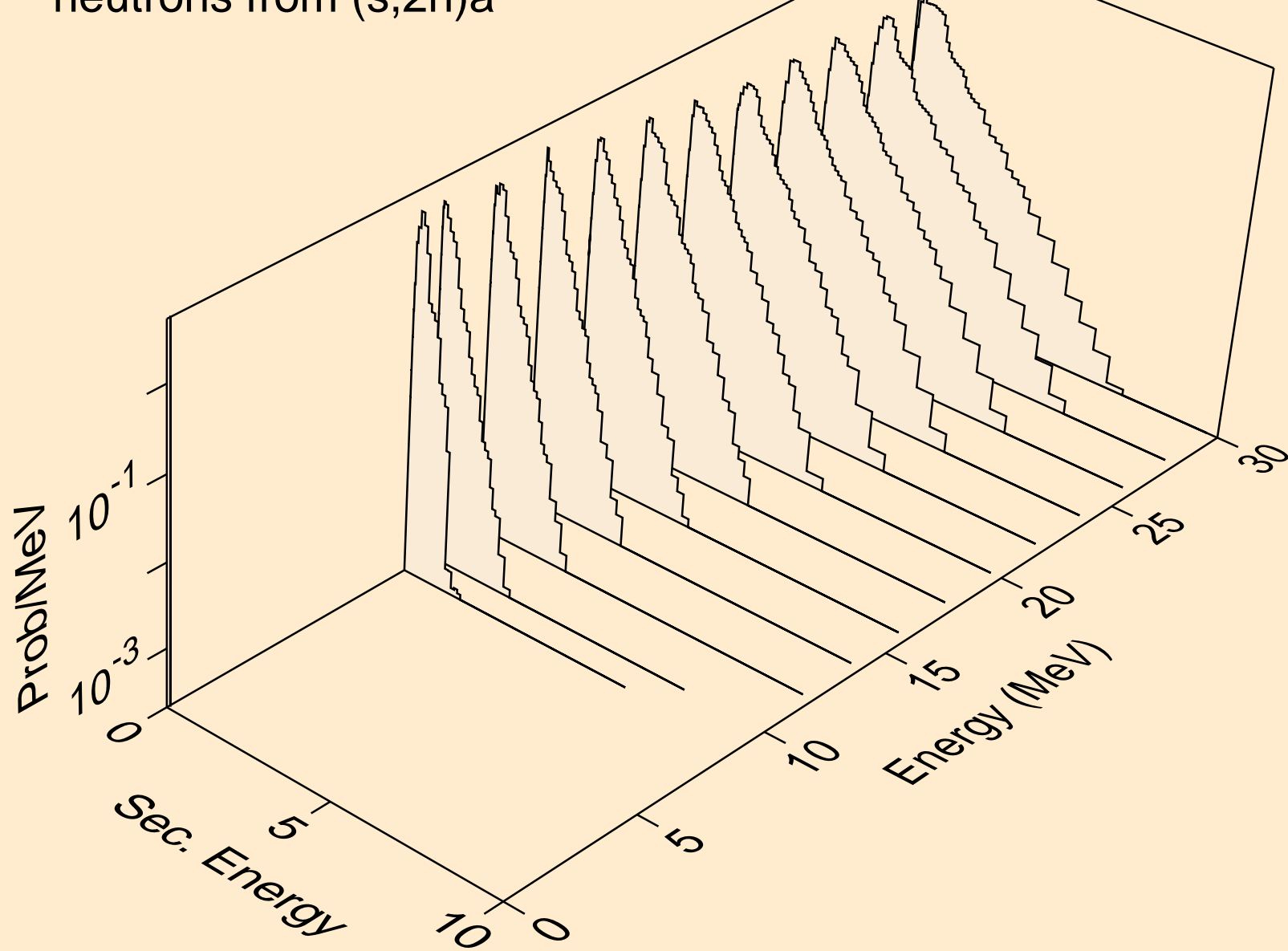
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neutrons from (s,3n)



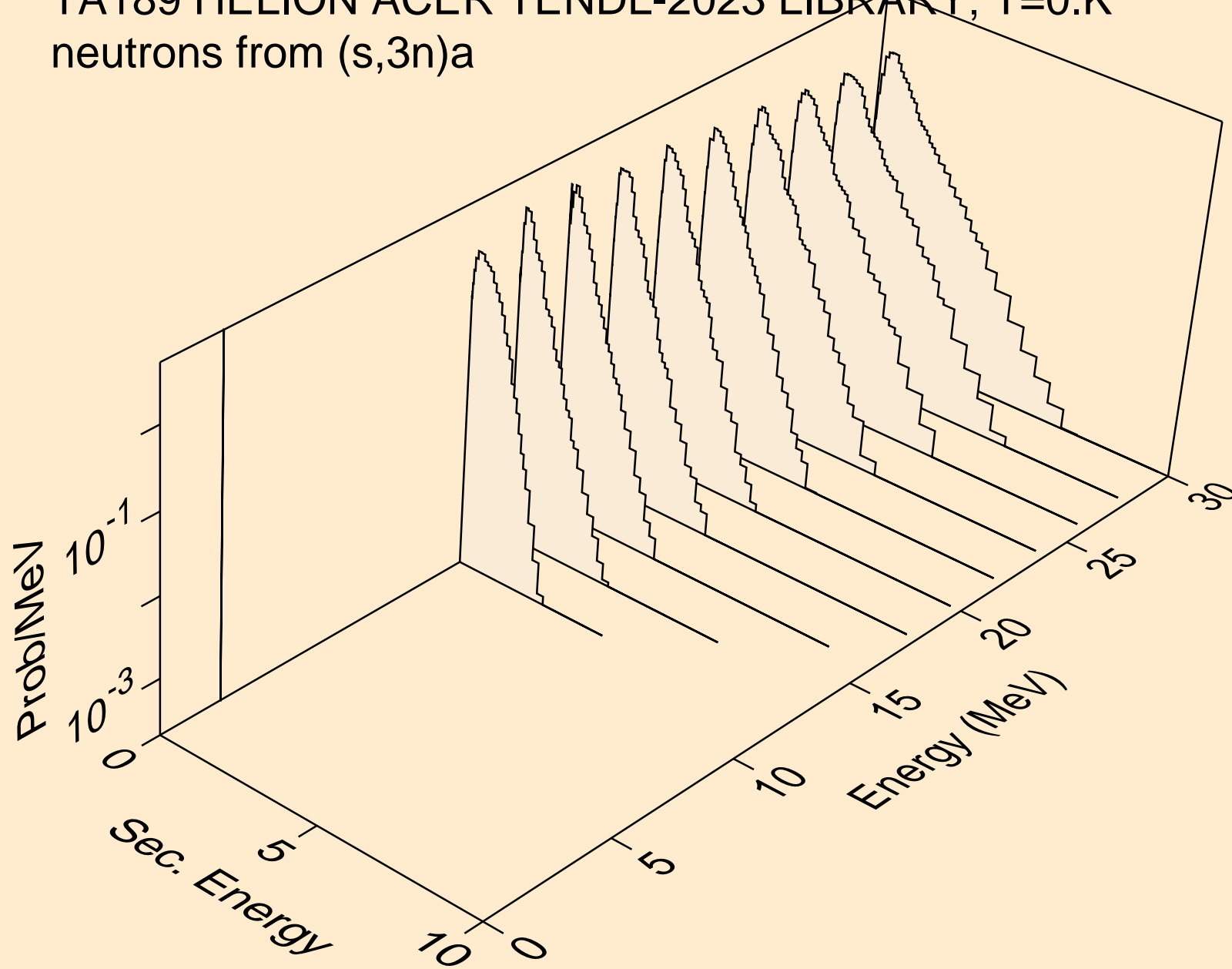
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)a



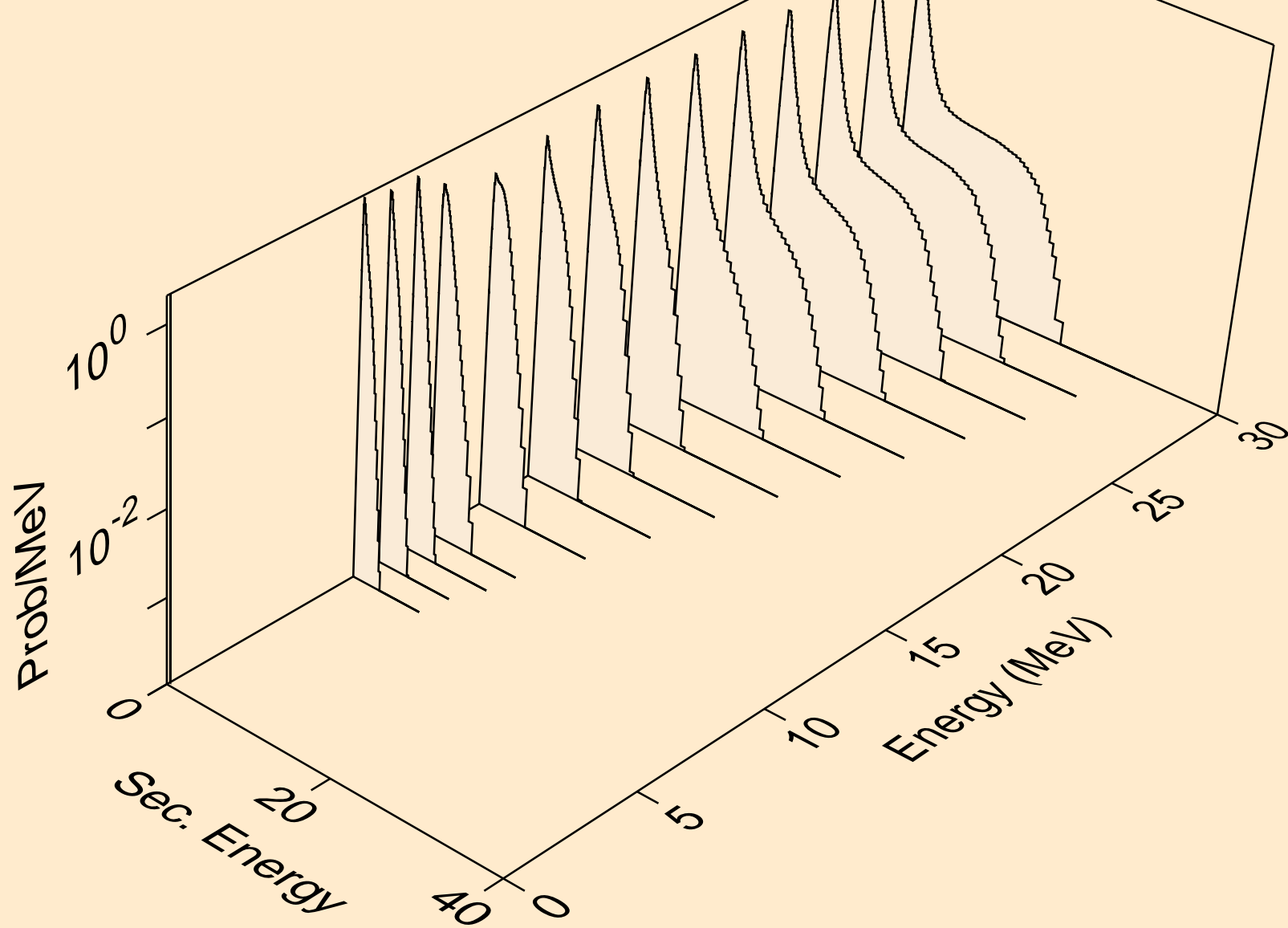
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)a



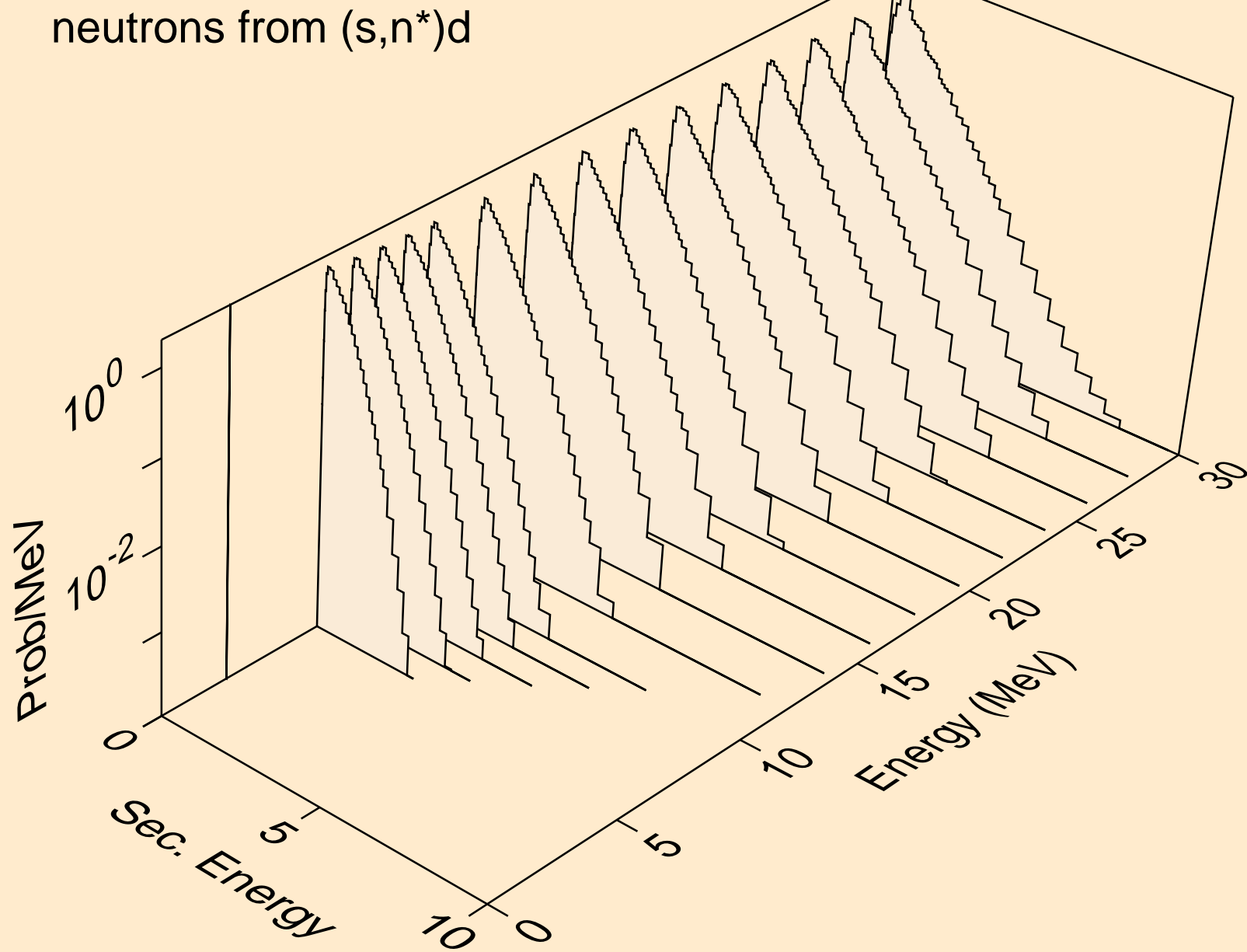
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3n)a



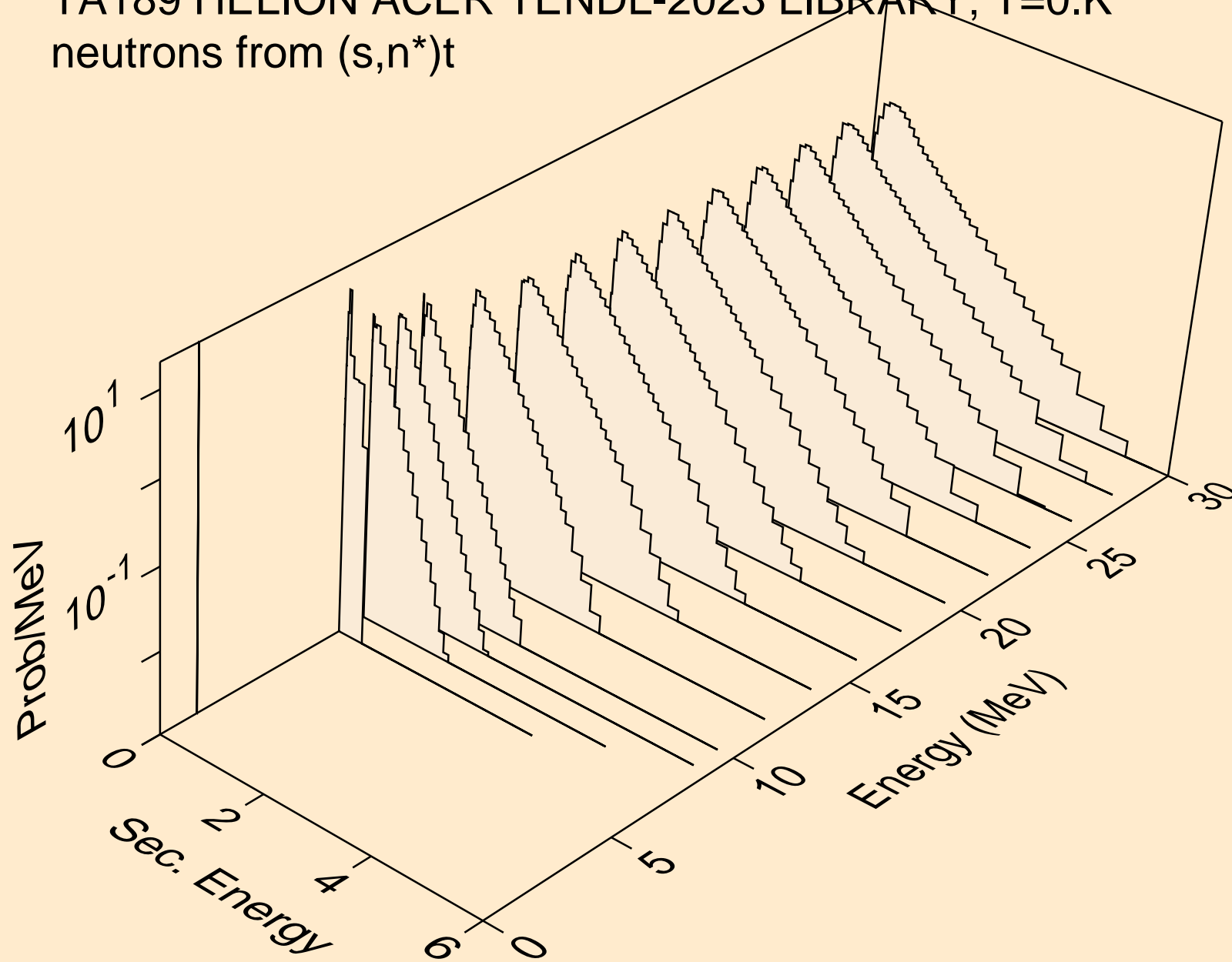
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)p



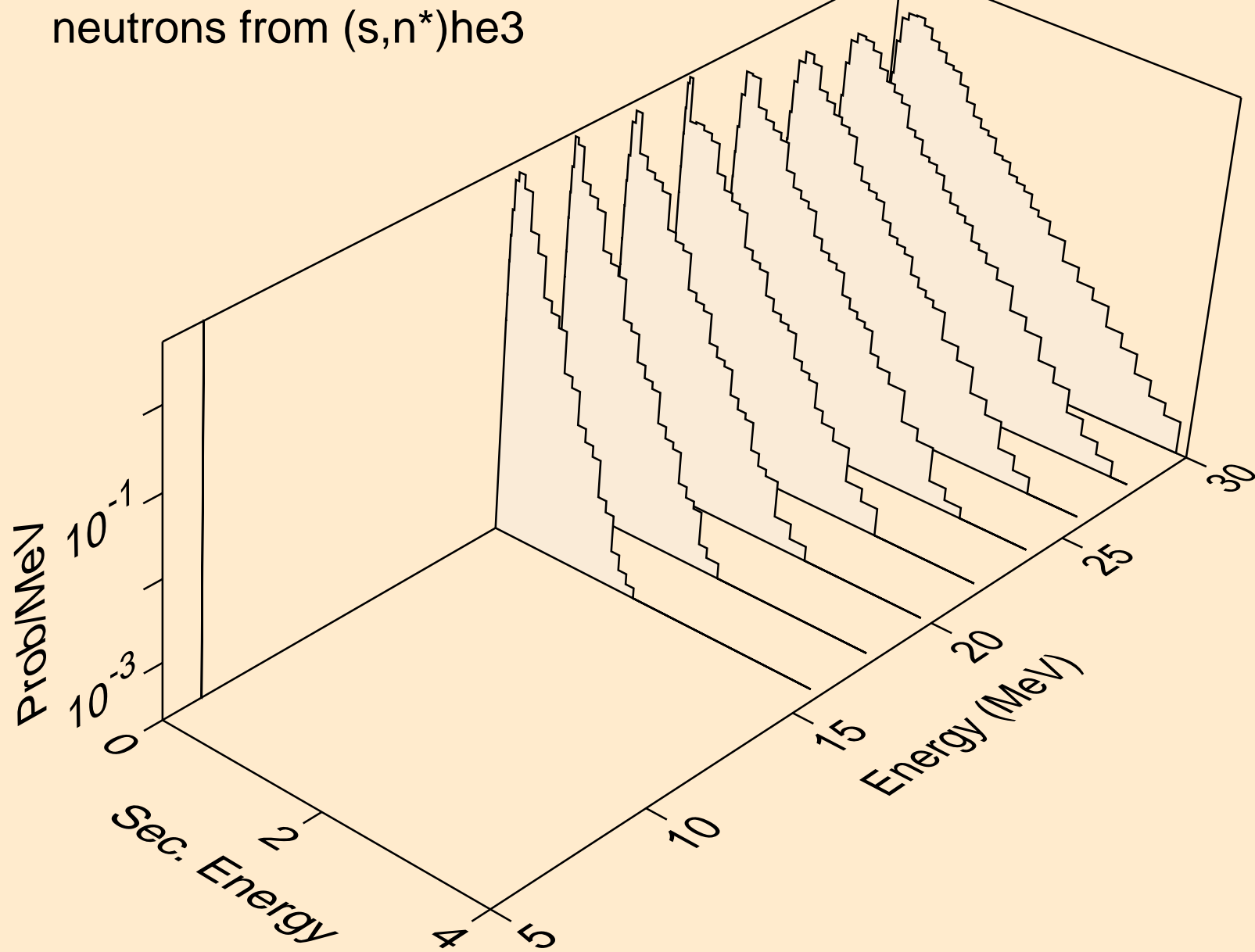
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)d



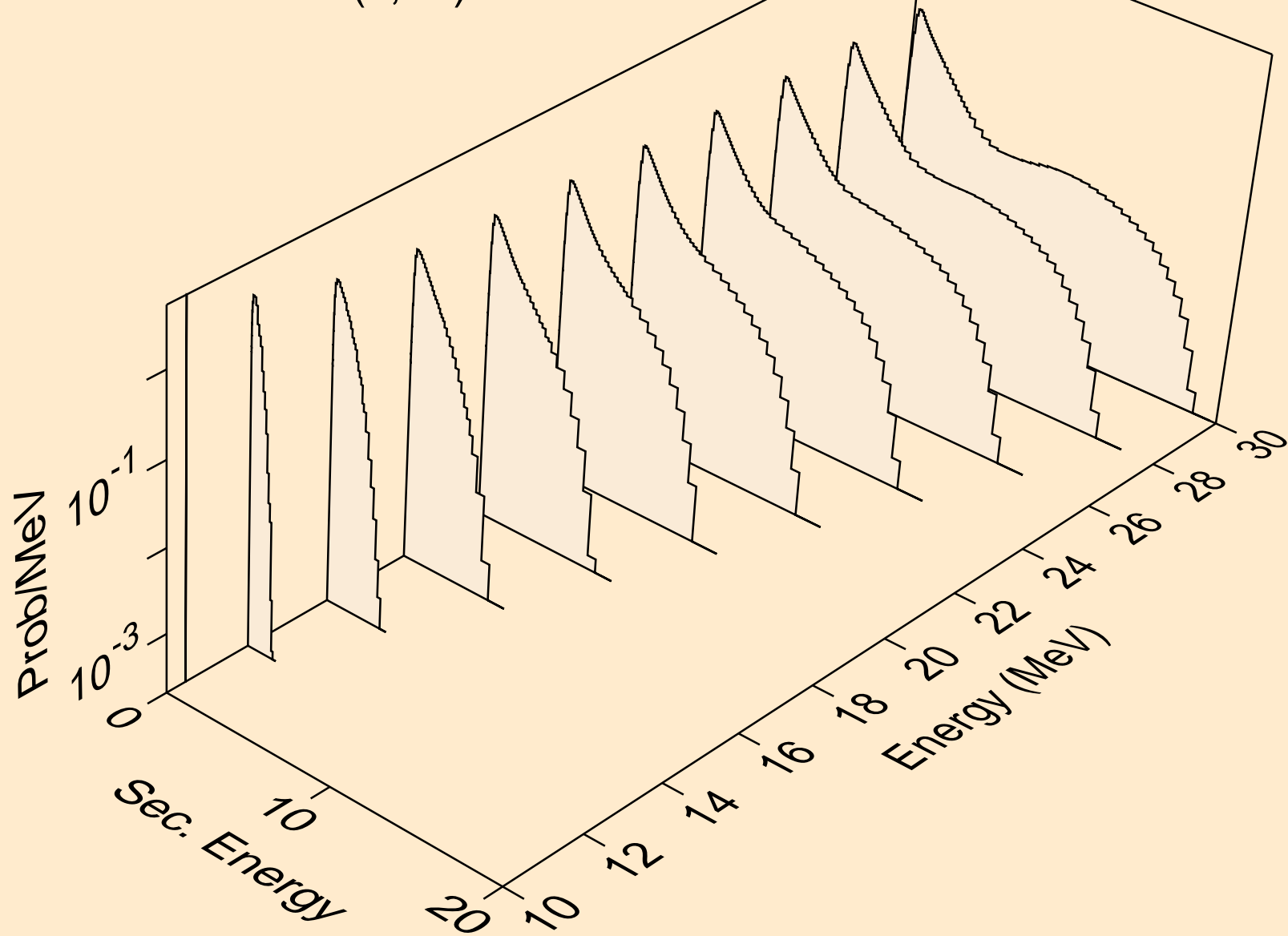
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)t



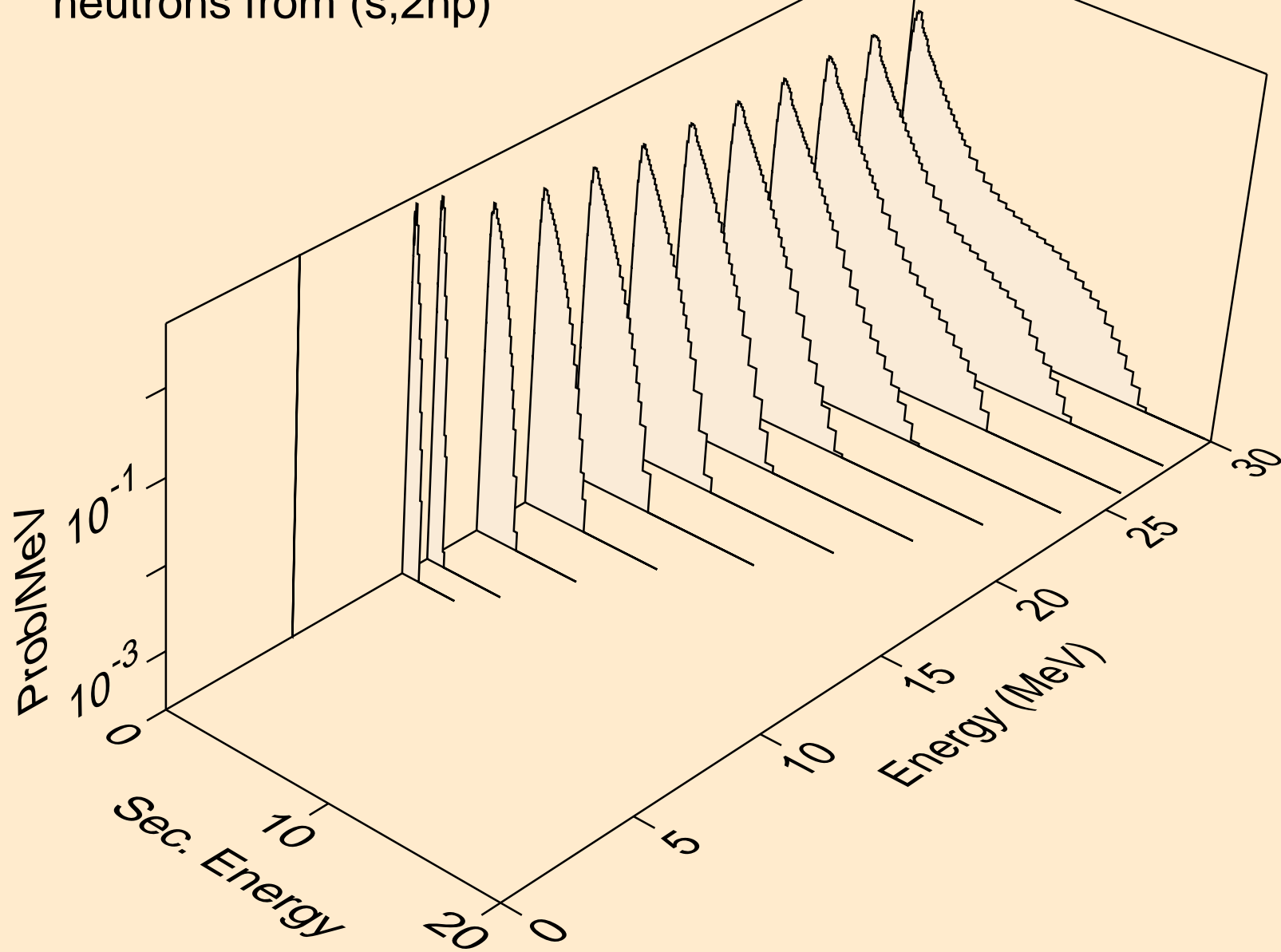
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)he3



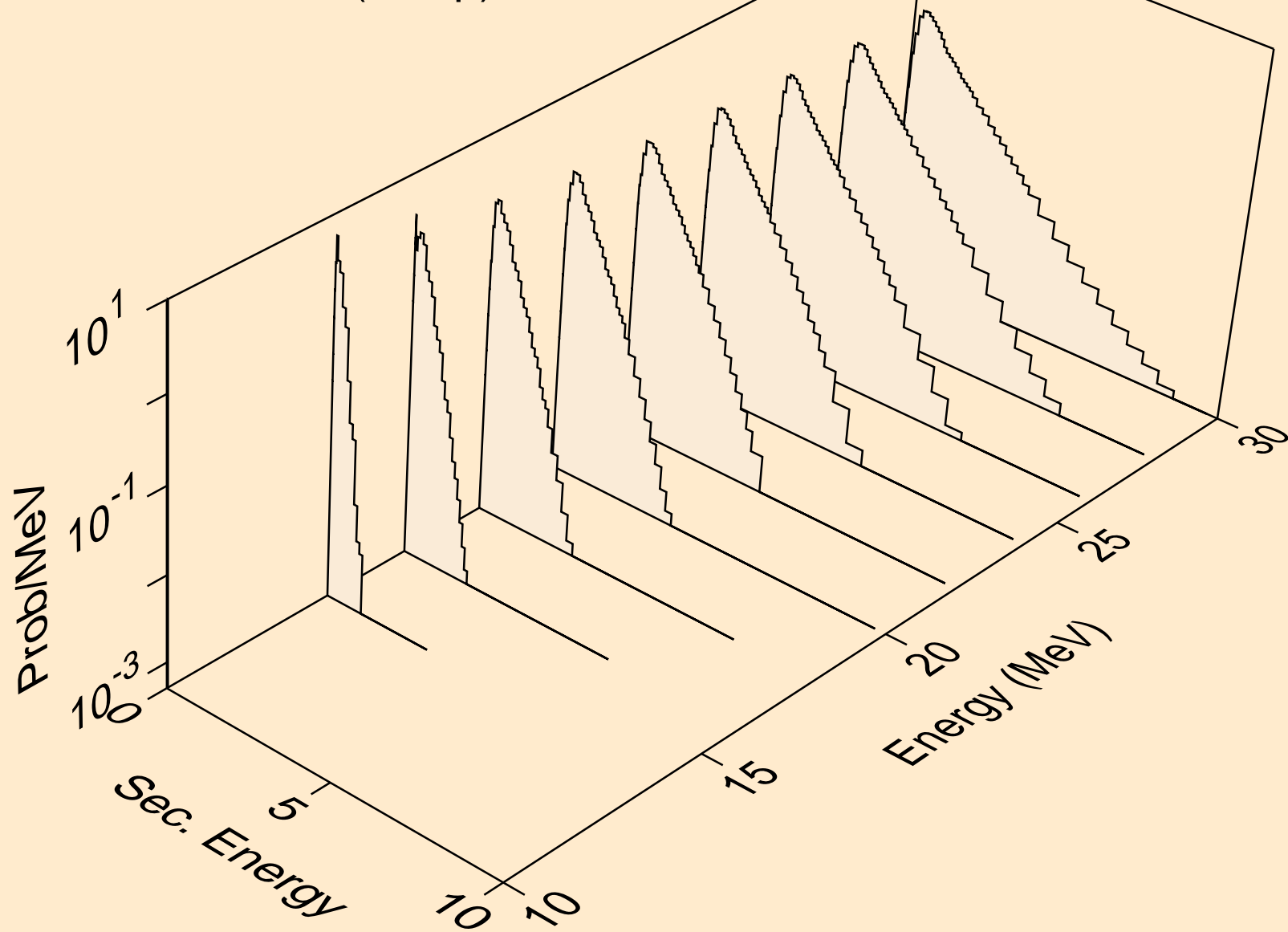
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,4n)



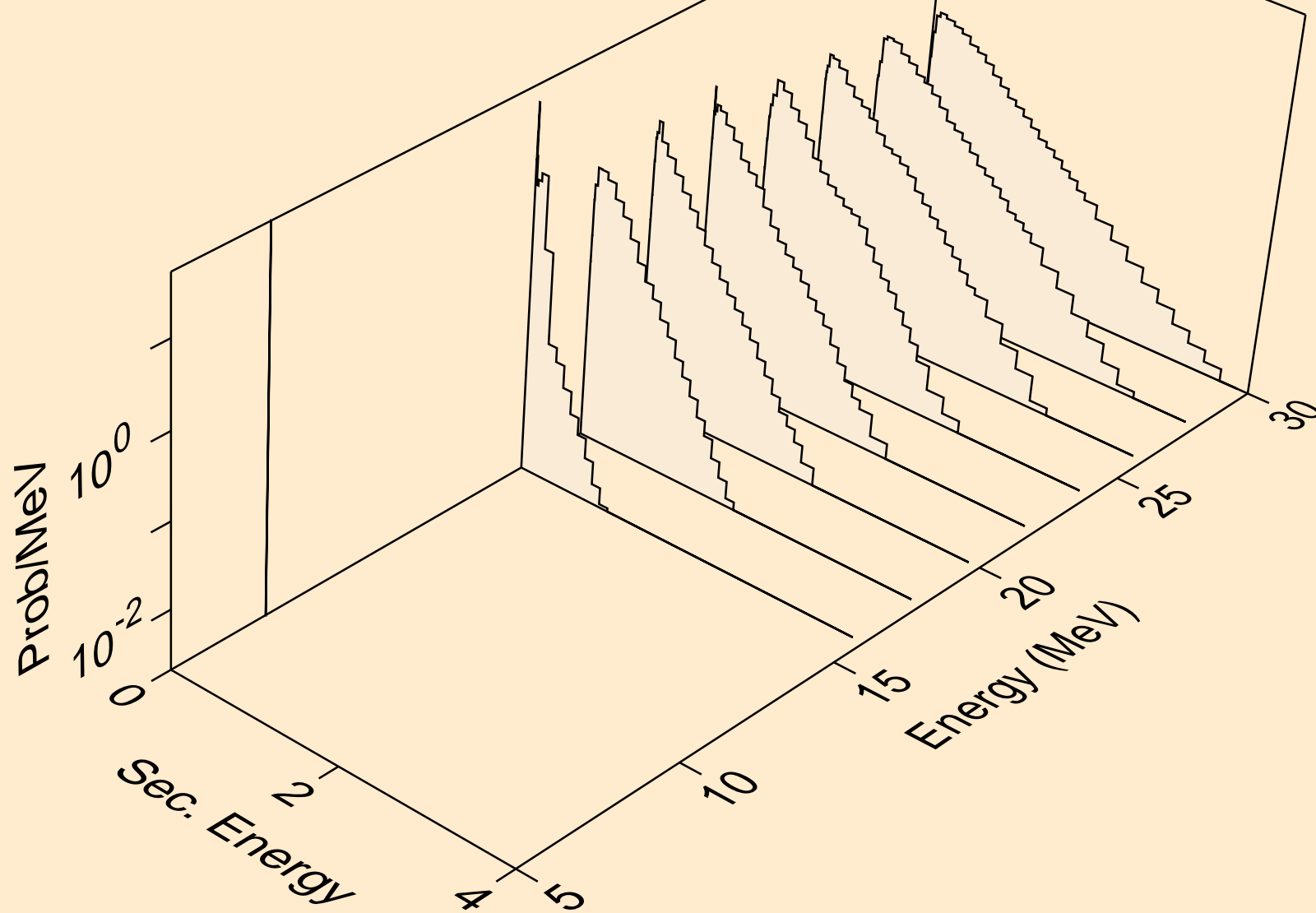
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2np)



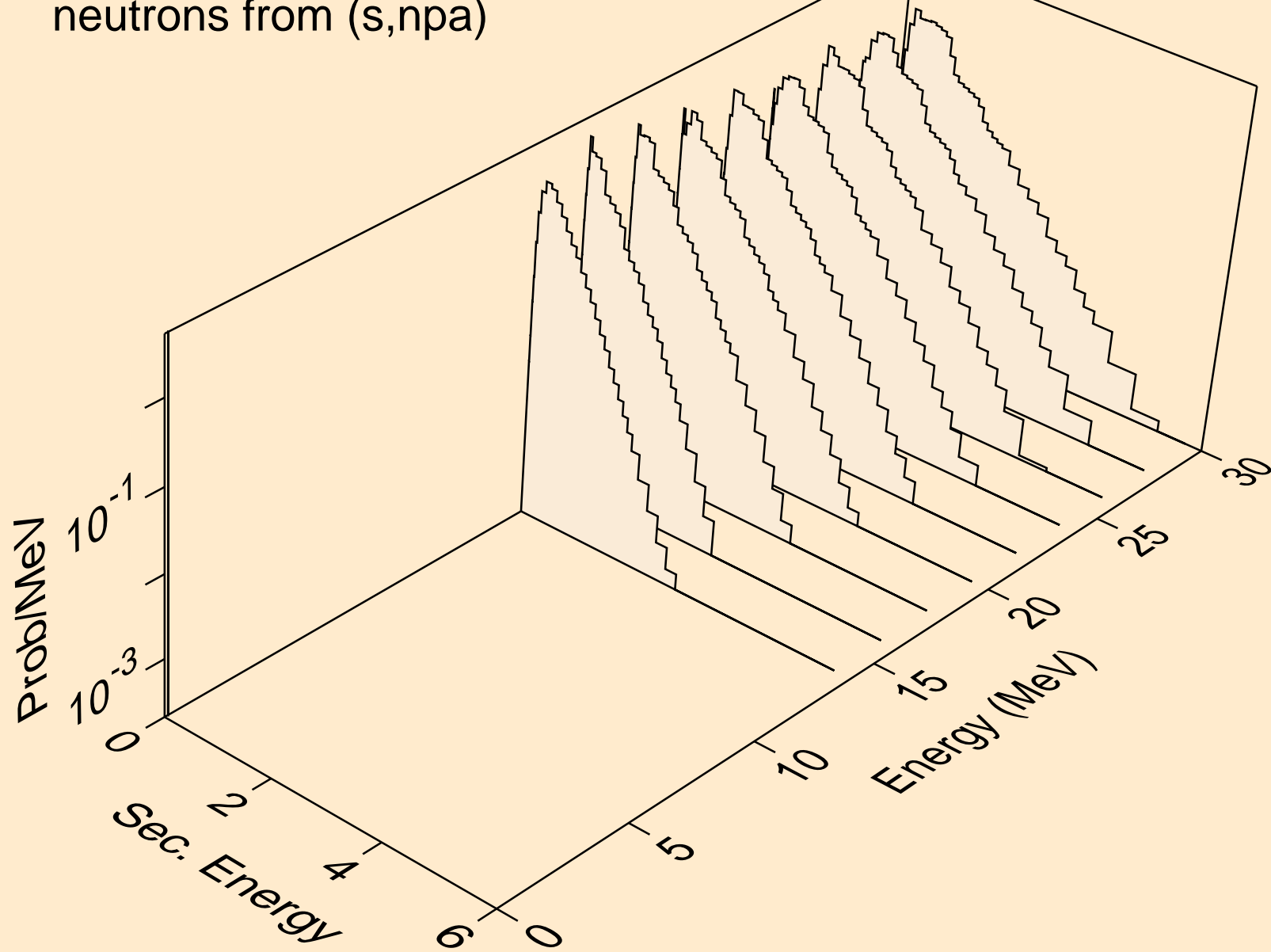
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neutrons from (s,3np)



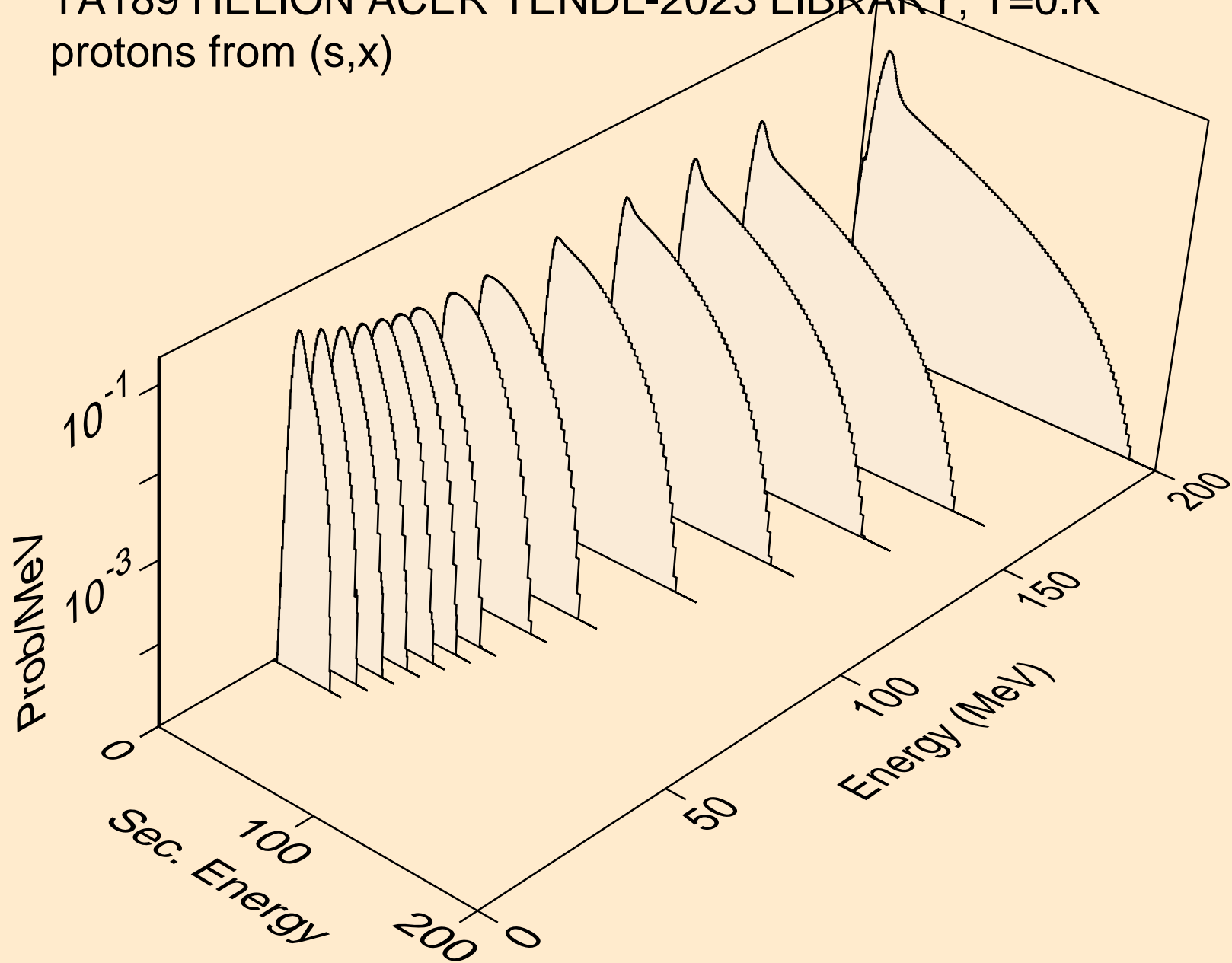
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neutrons from (s,n2p)



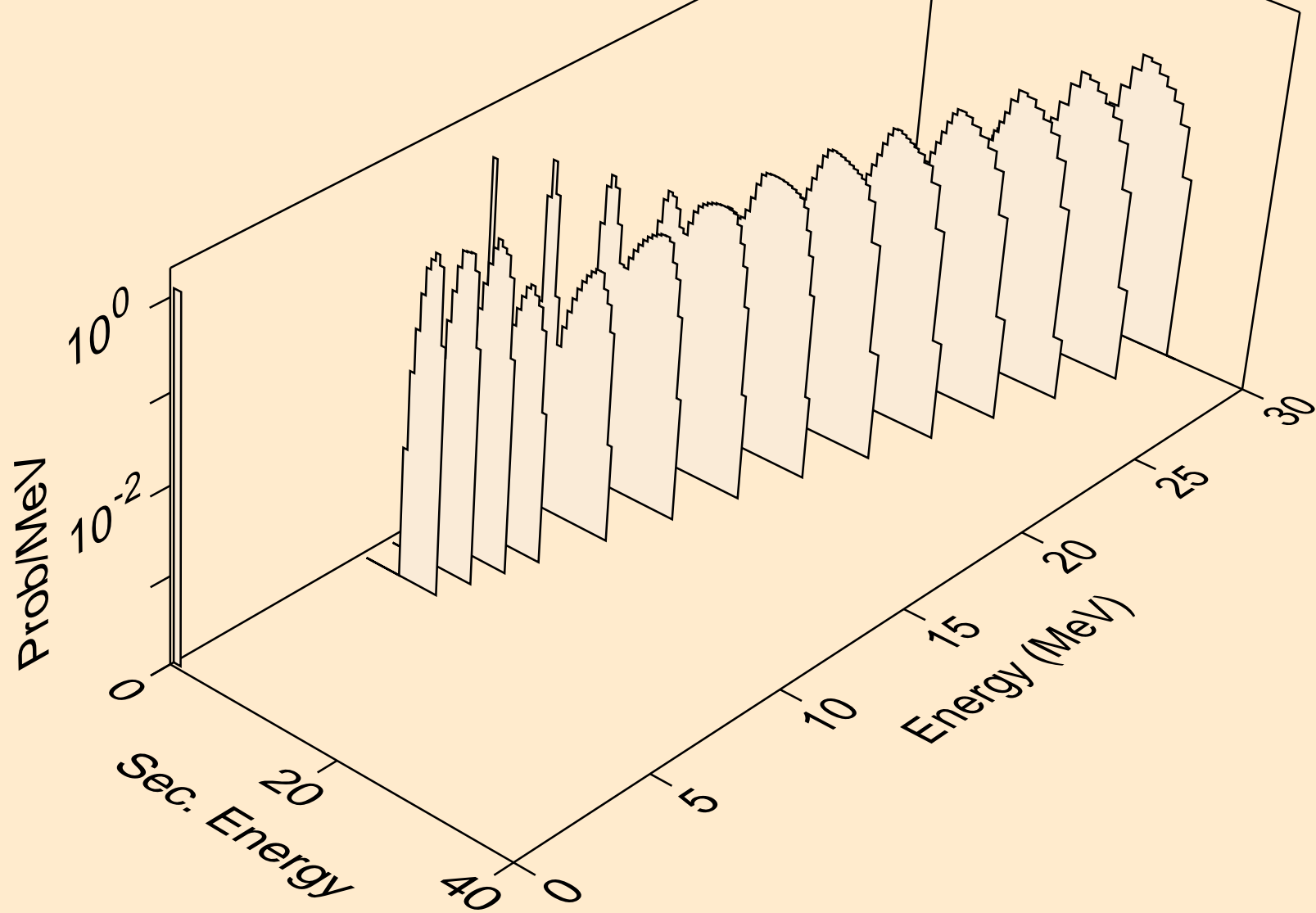
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,npa)



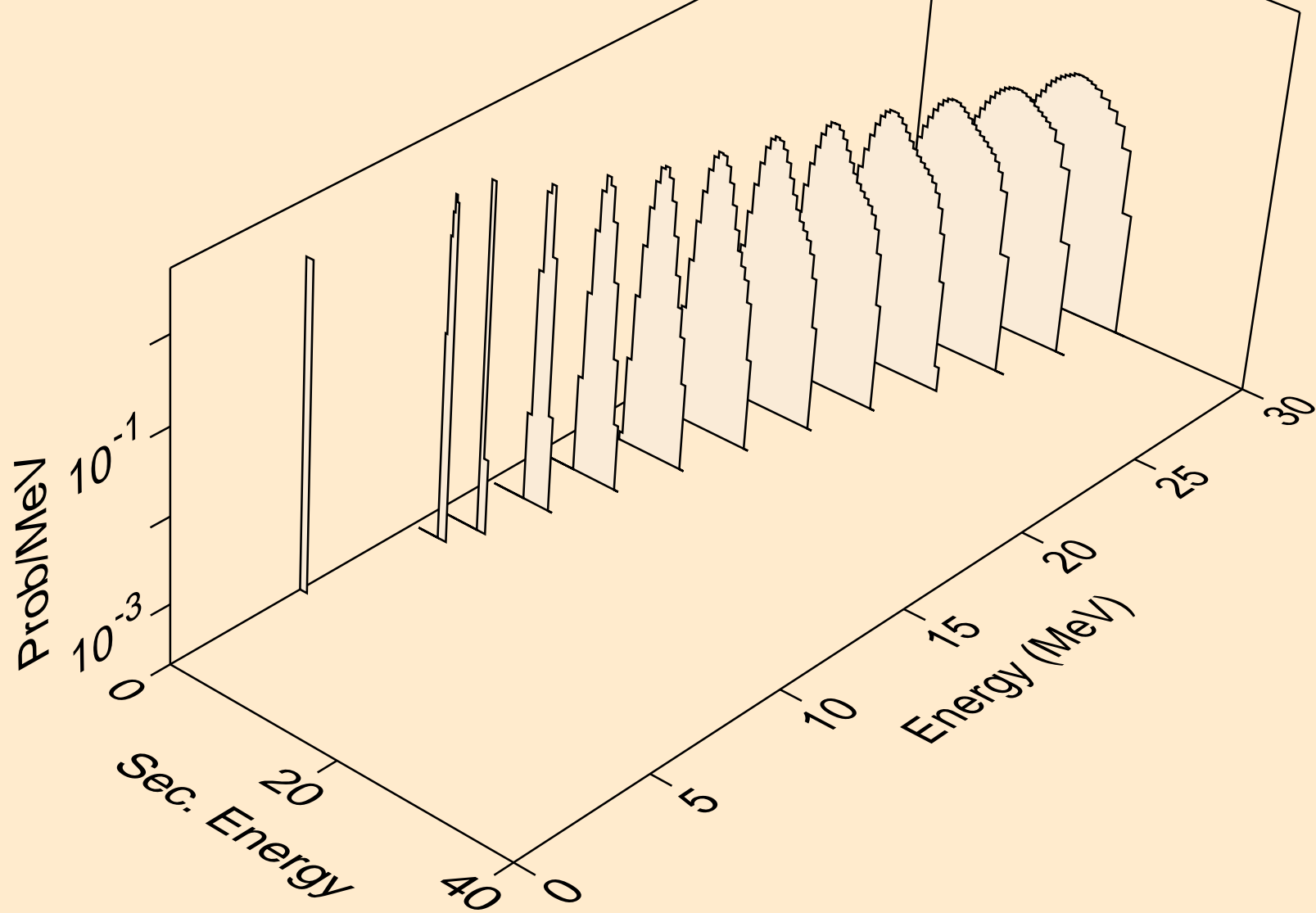
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protons from (s,x)



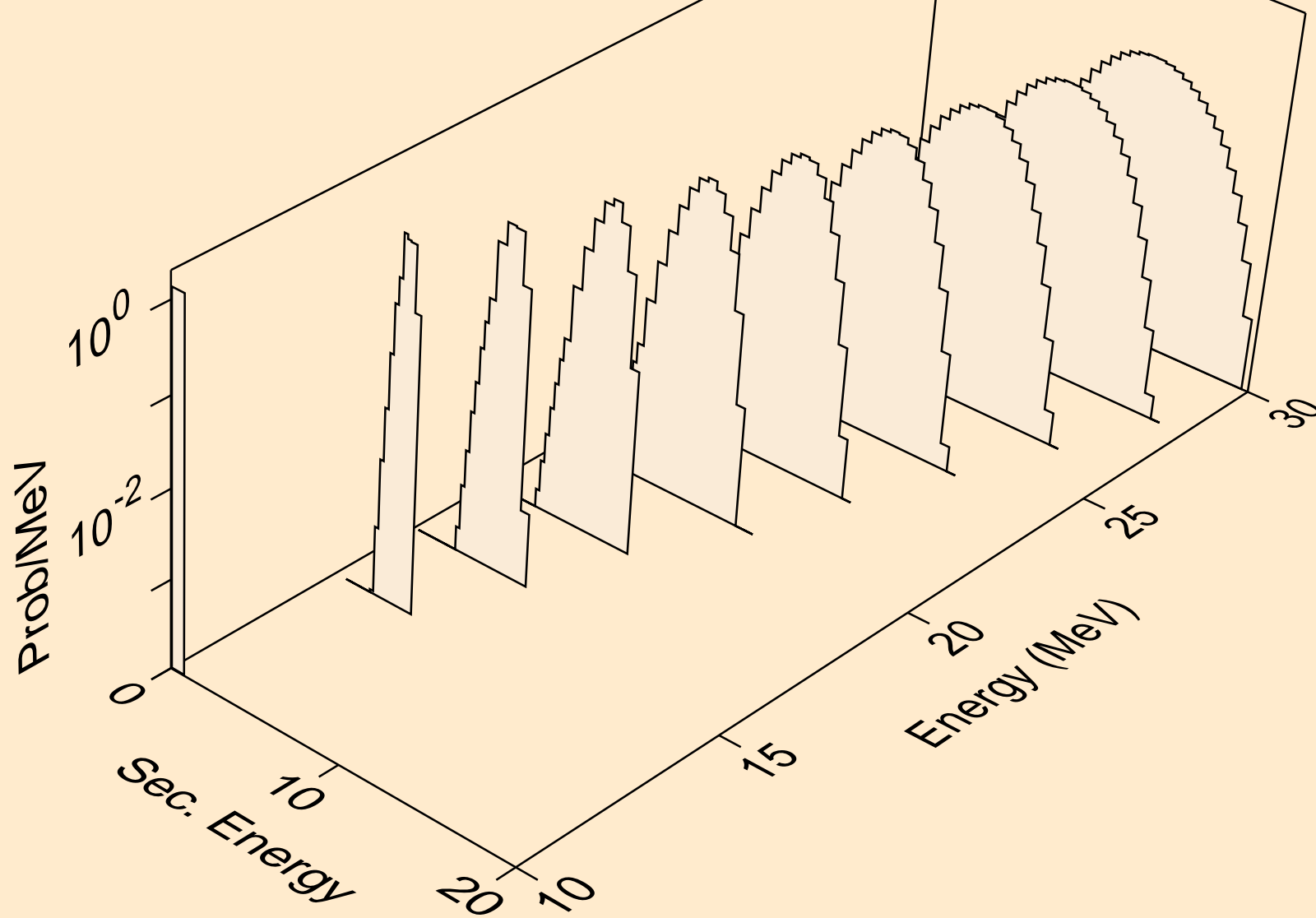
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protons from (s,n*)p



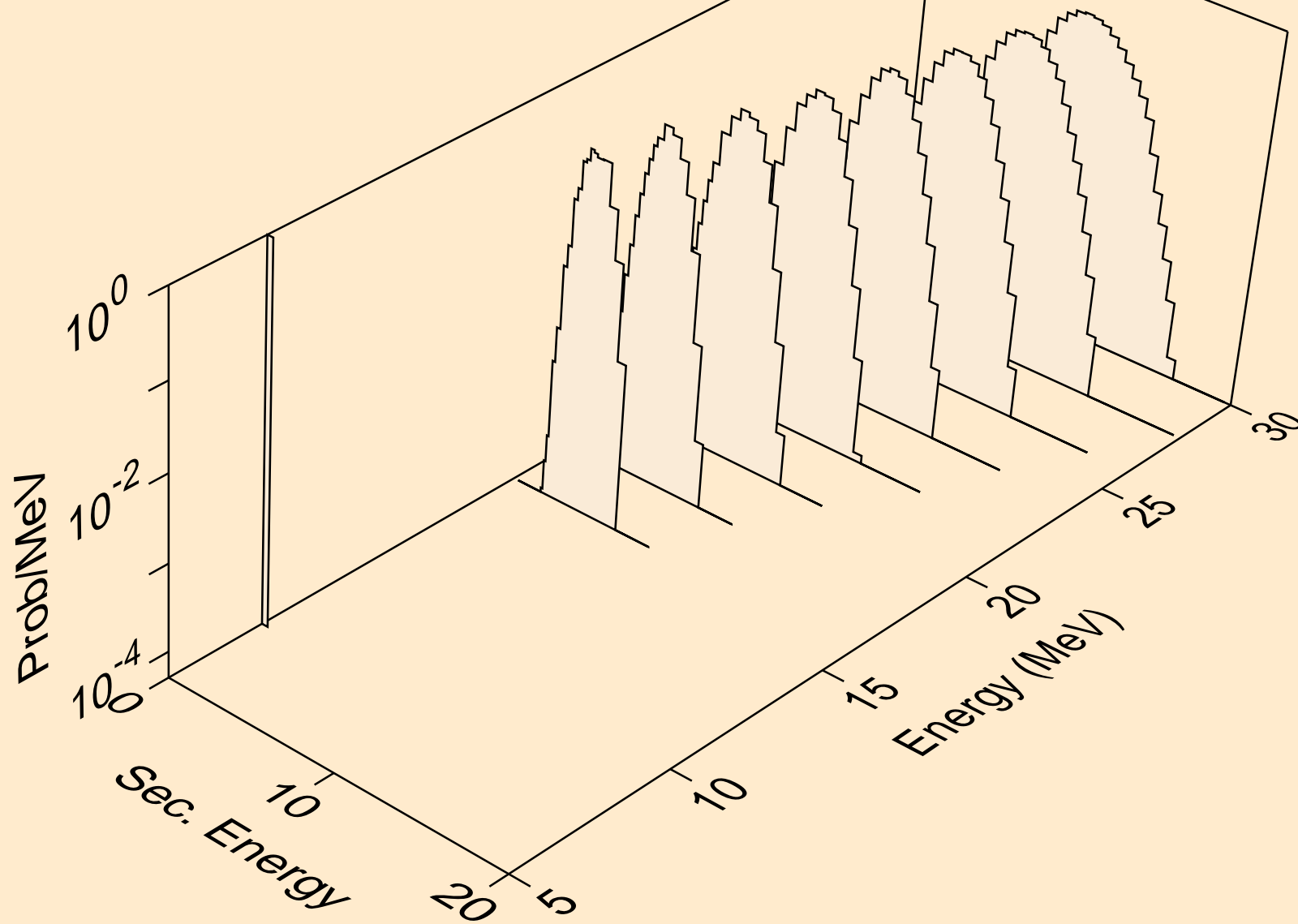
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protons from (s,2np)



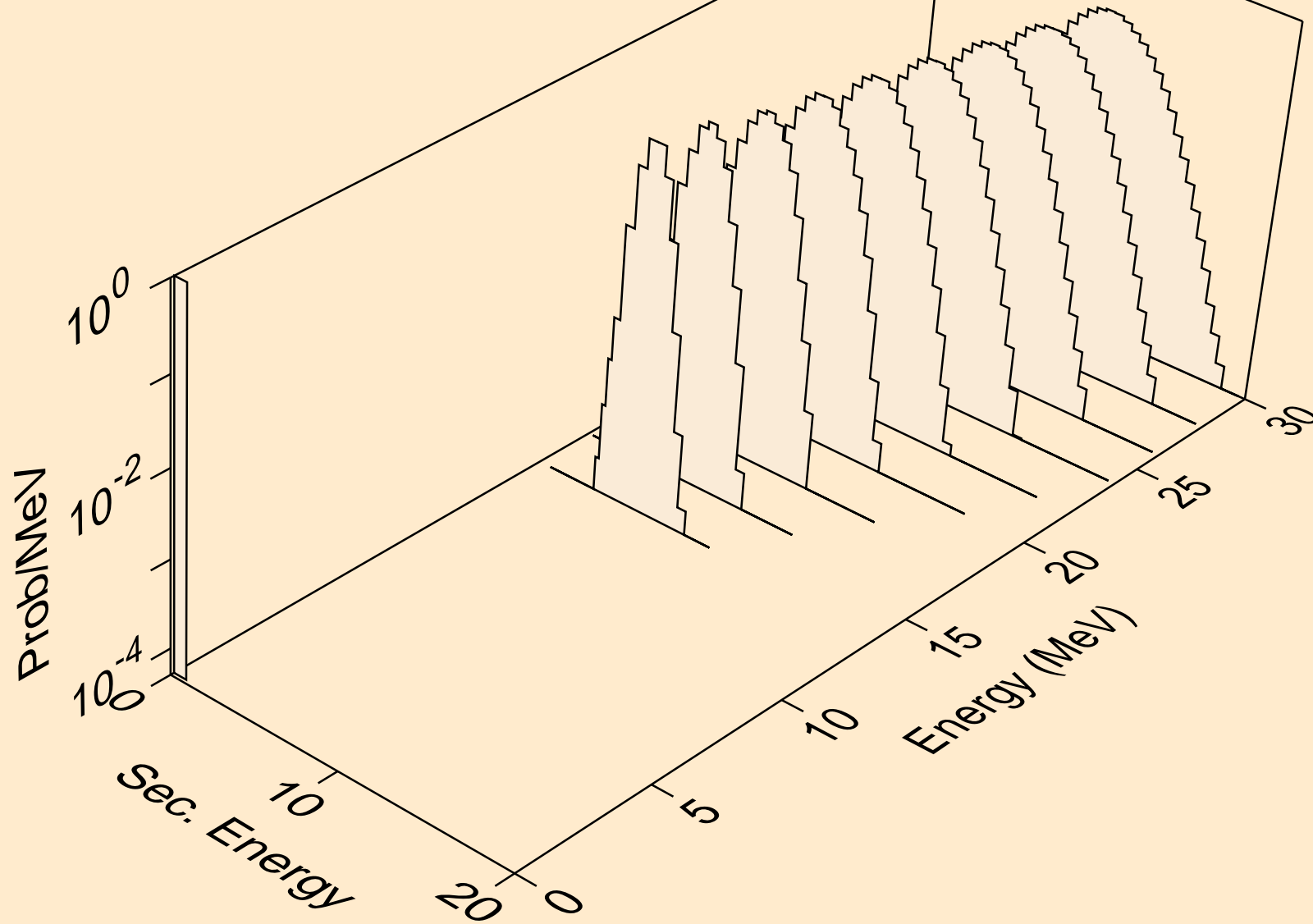
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protons from (s,3np)



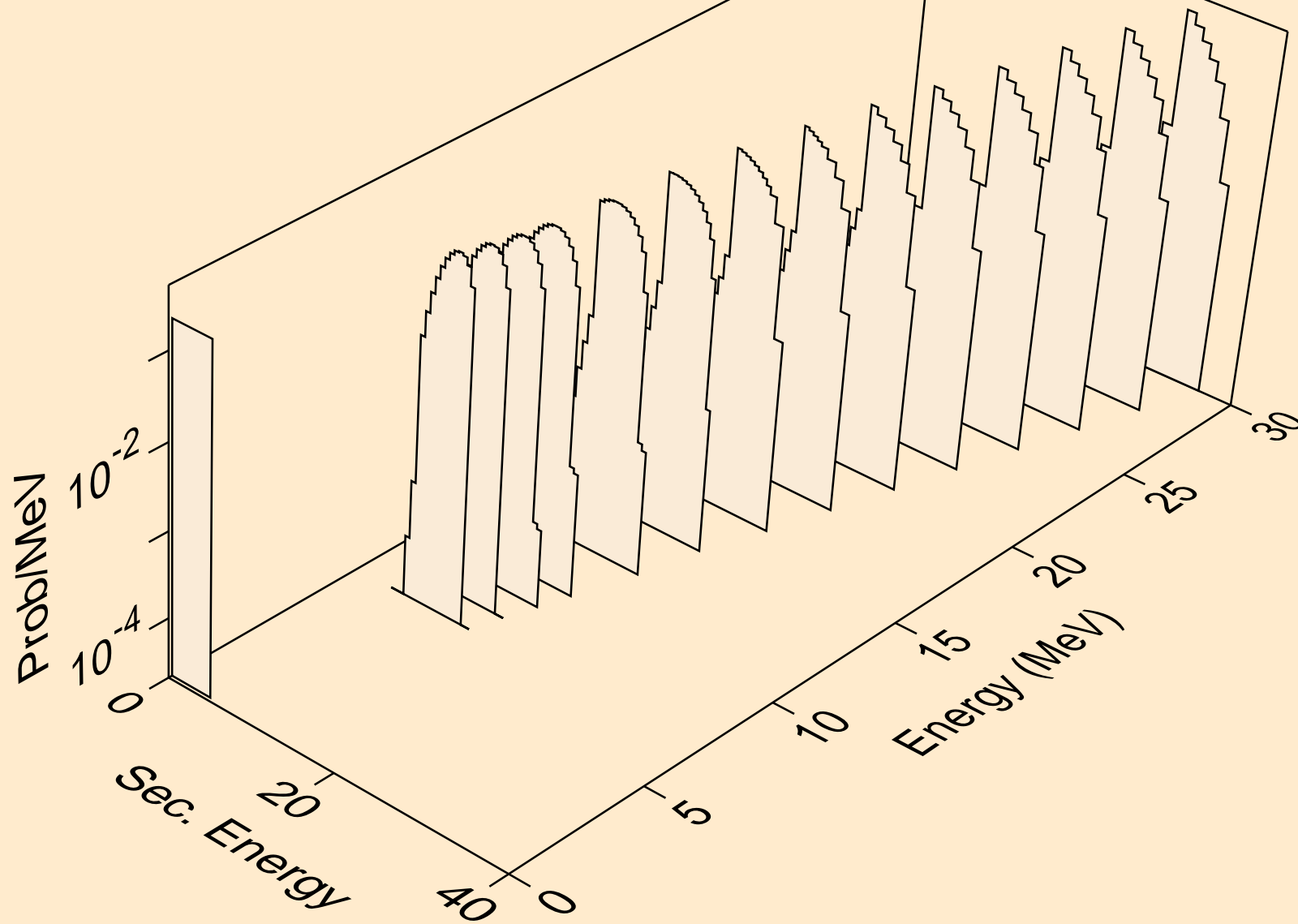
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protons from (s,n2p)



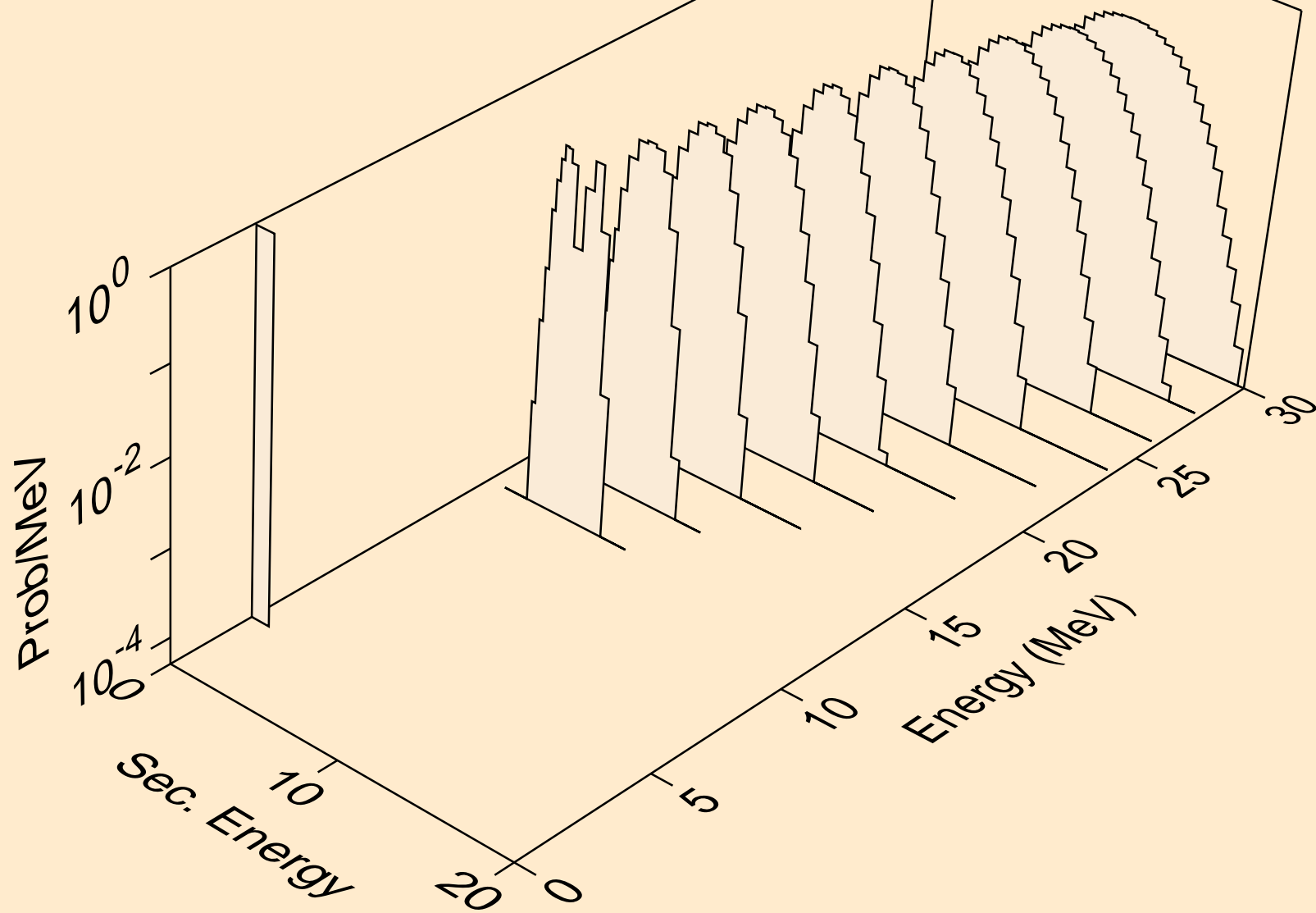
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,npa)



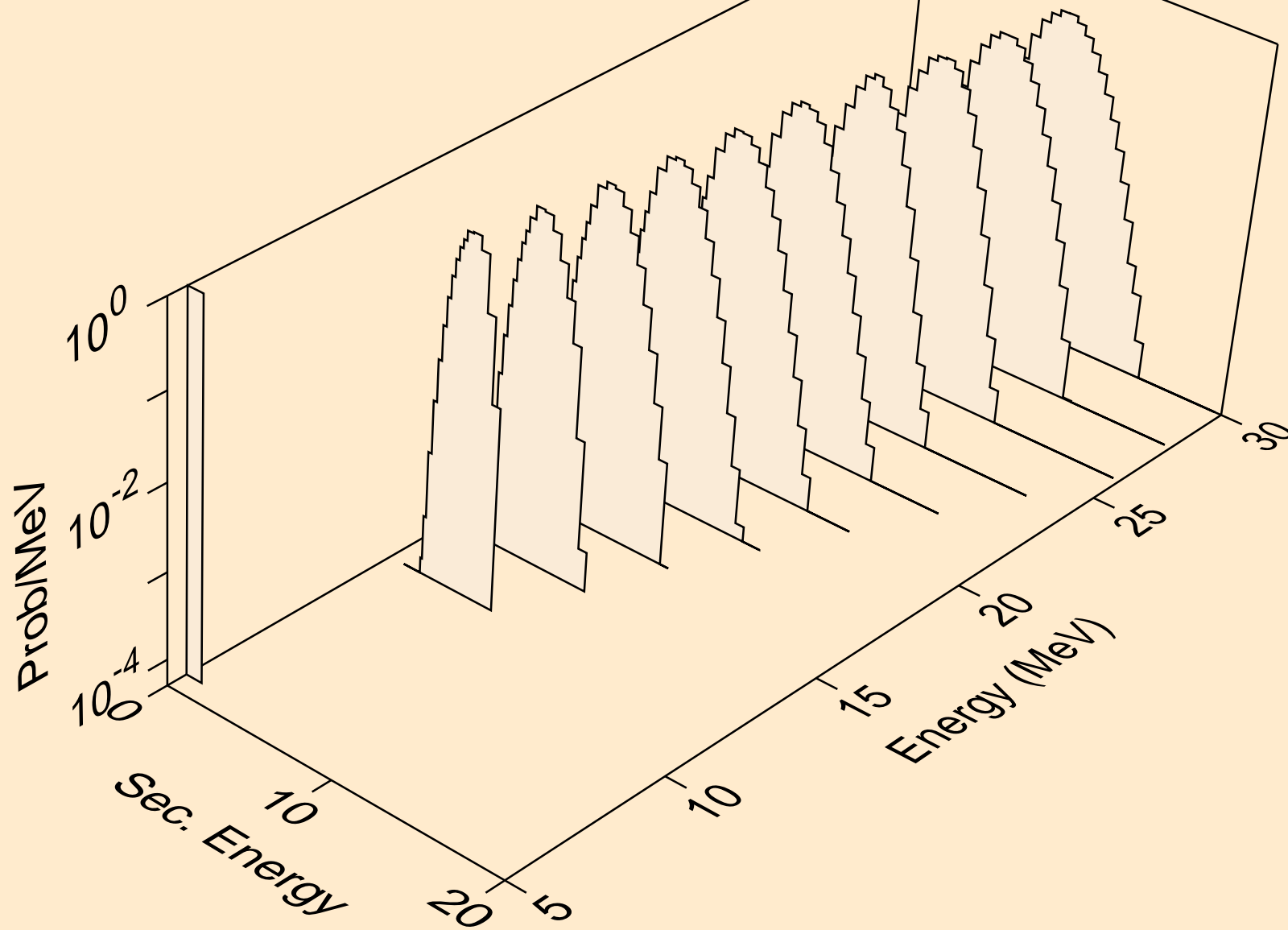
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protons from (s,p)



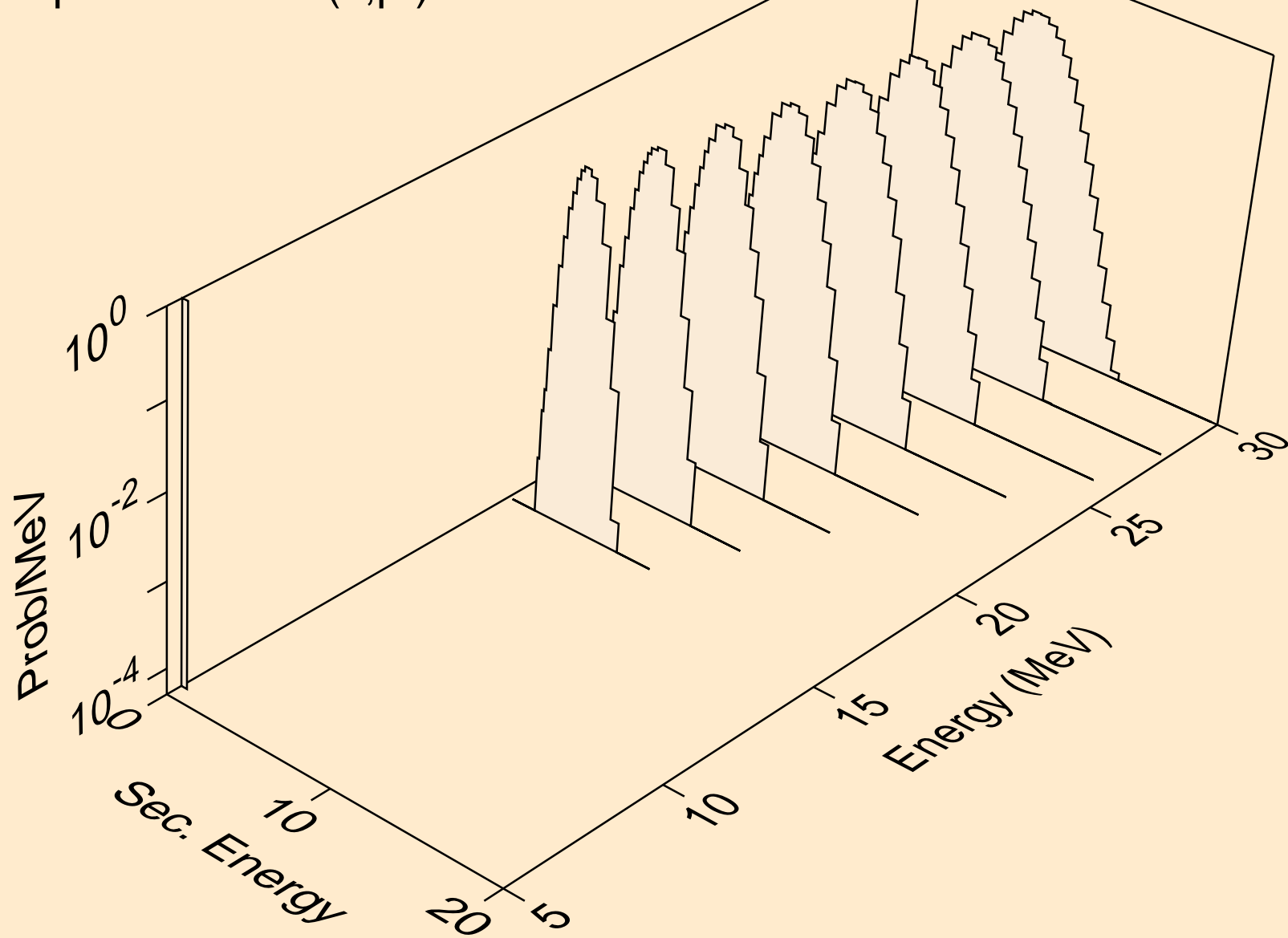
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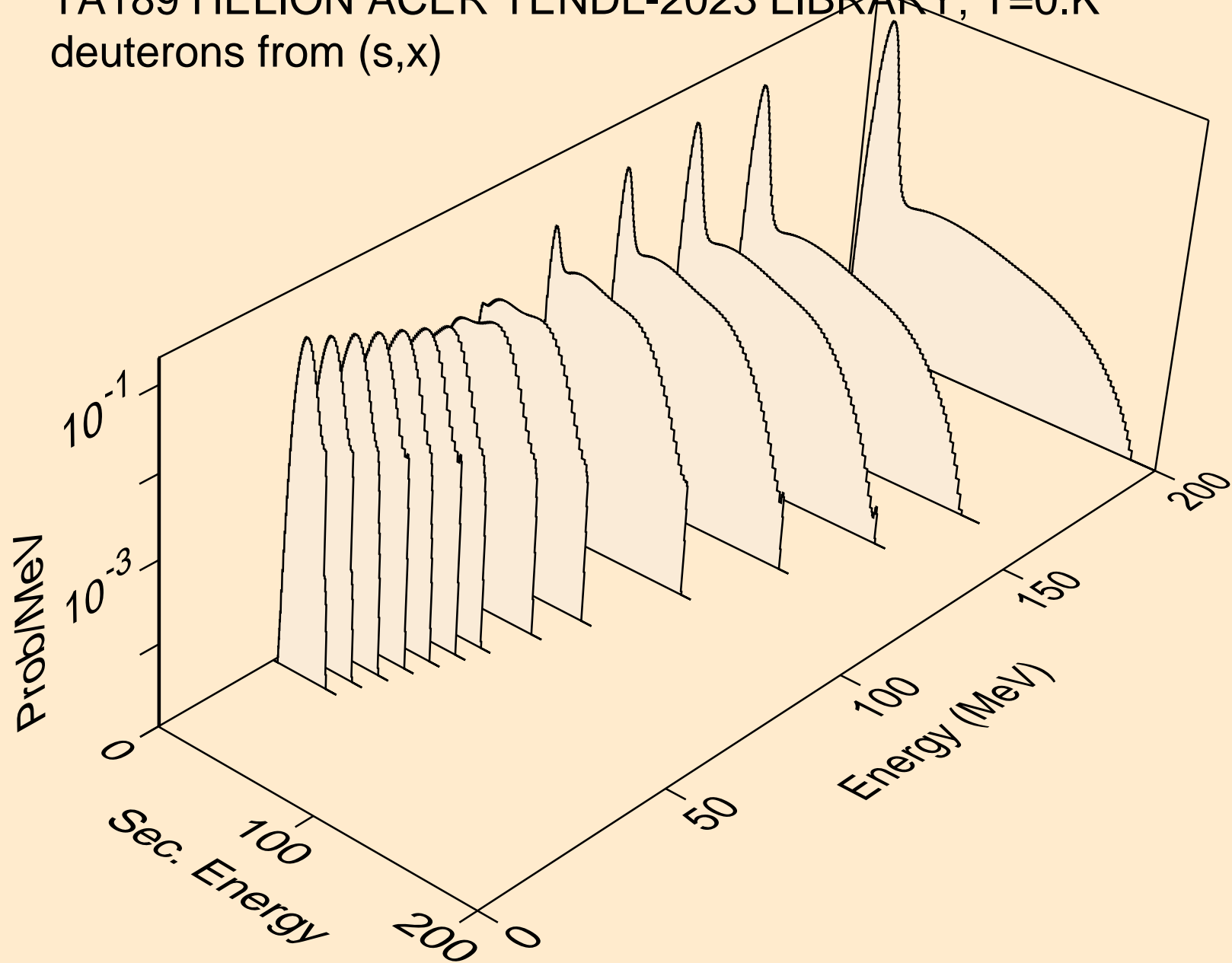
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protons from (s,pd)



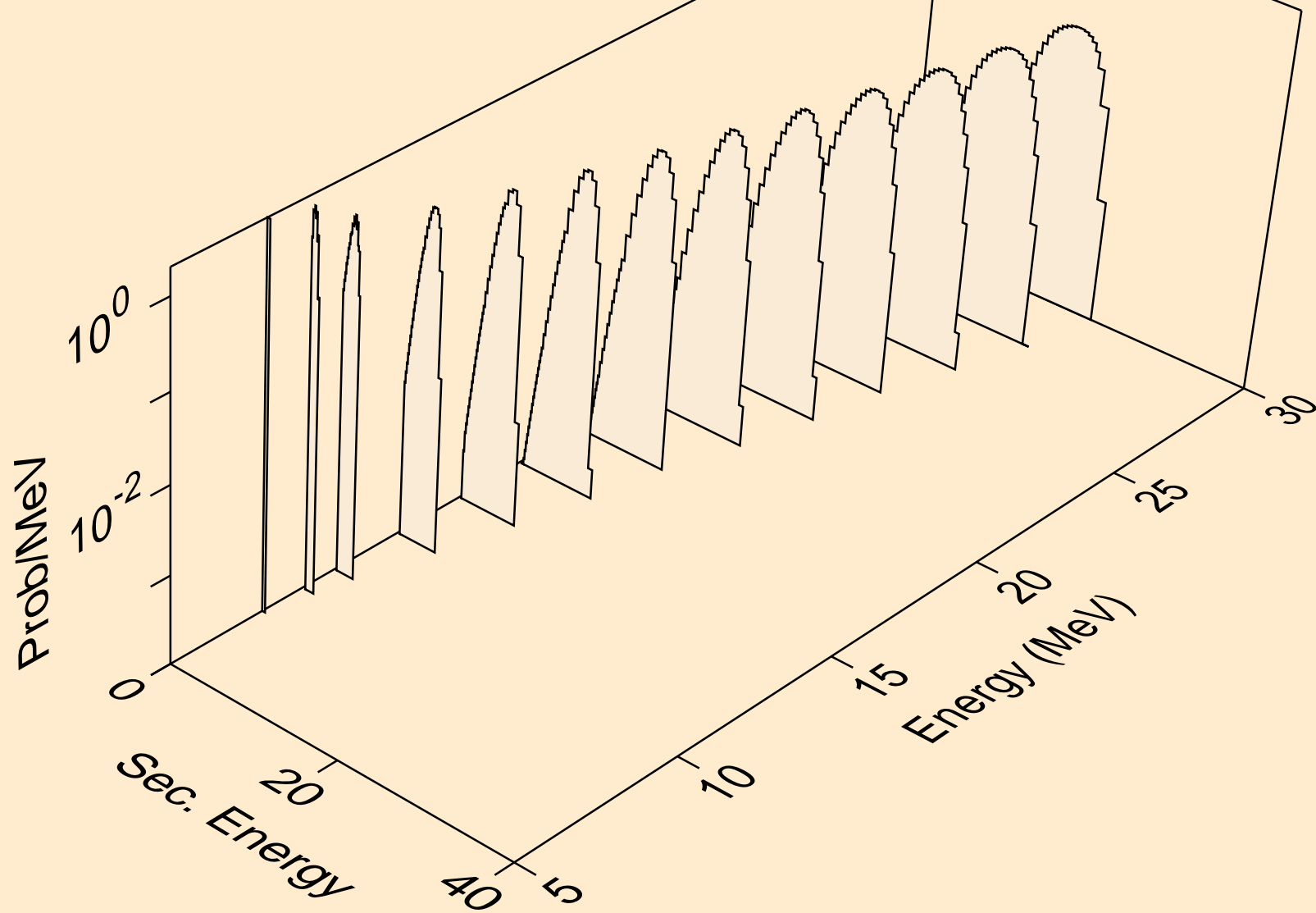
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protons from (s,pt)



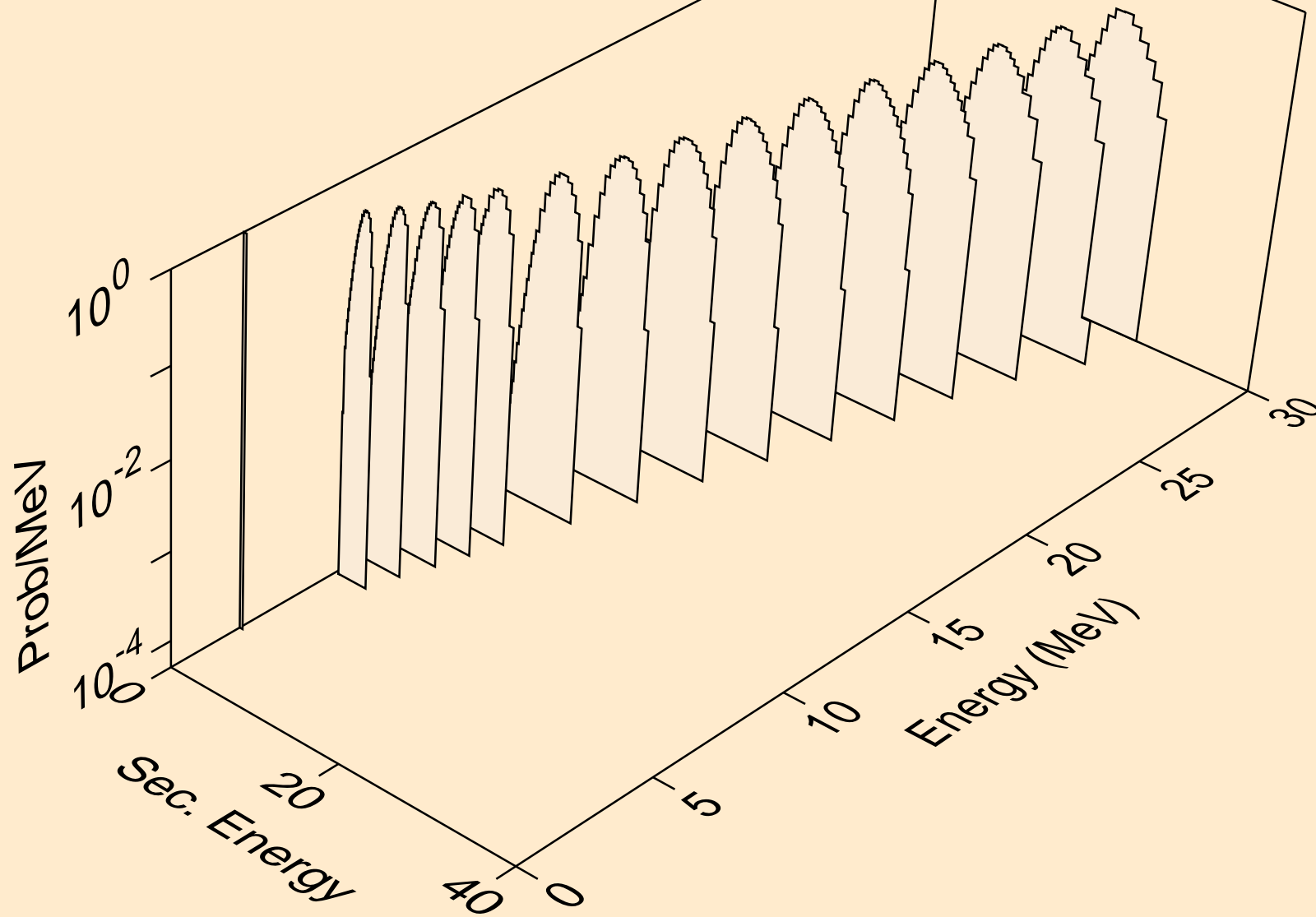
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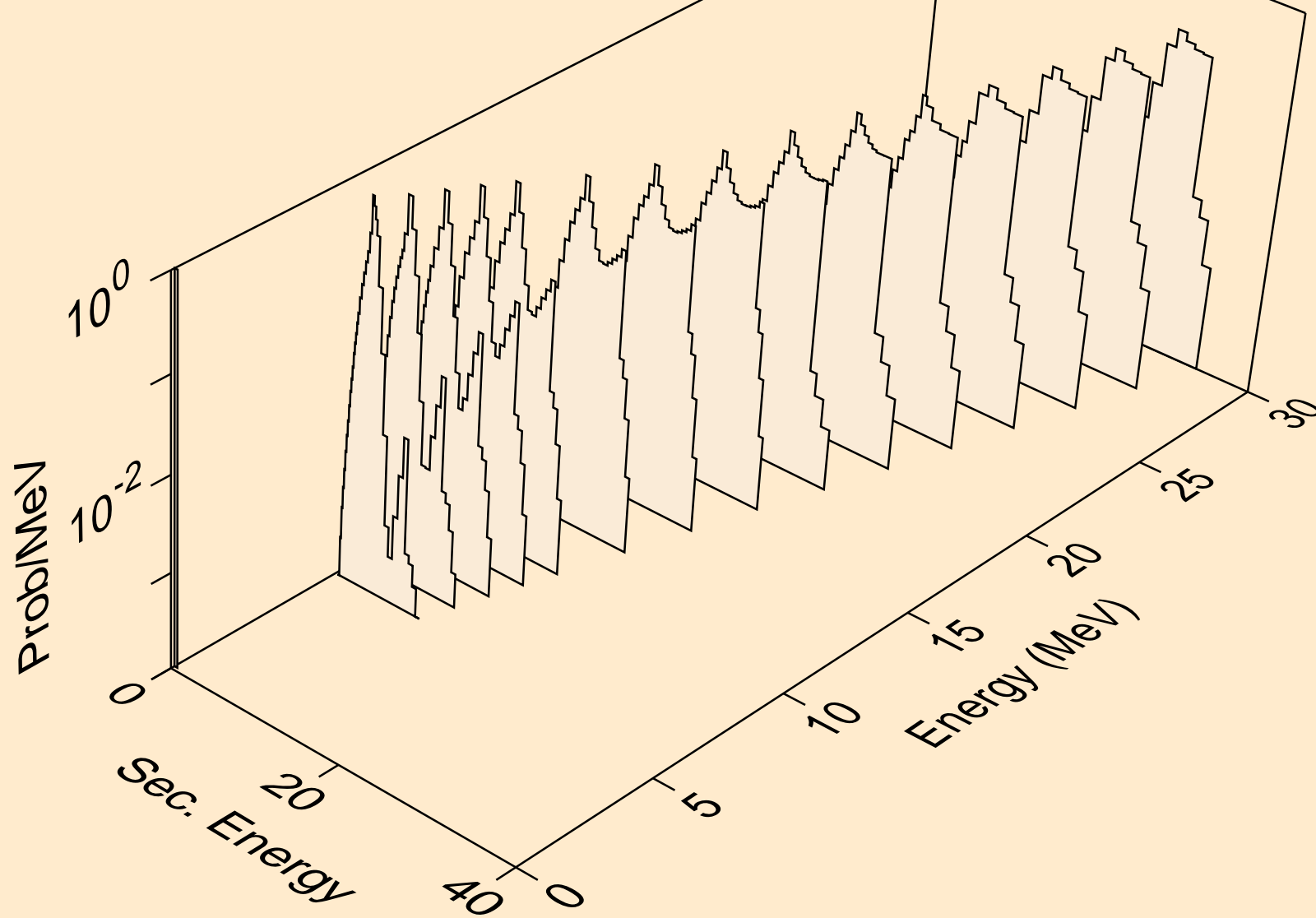
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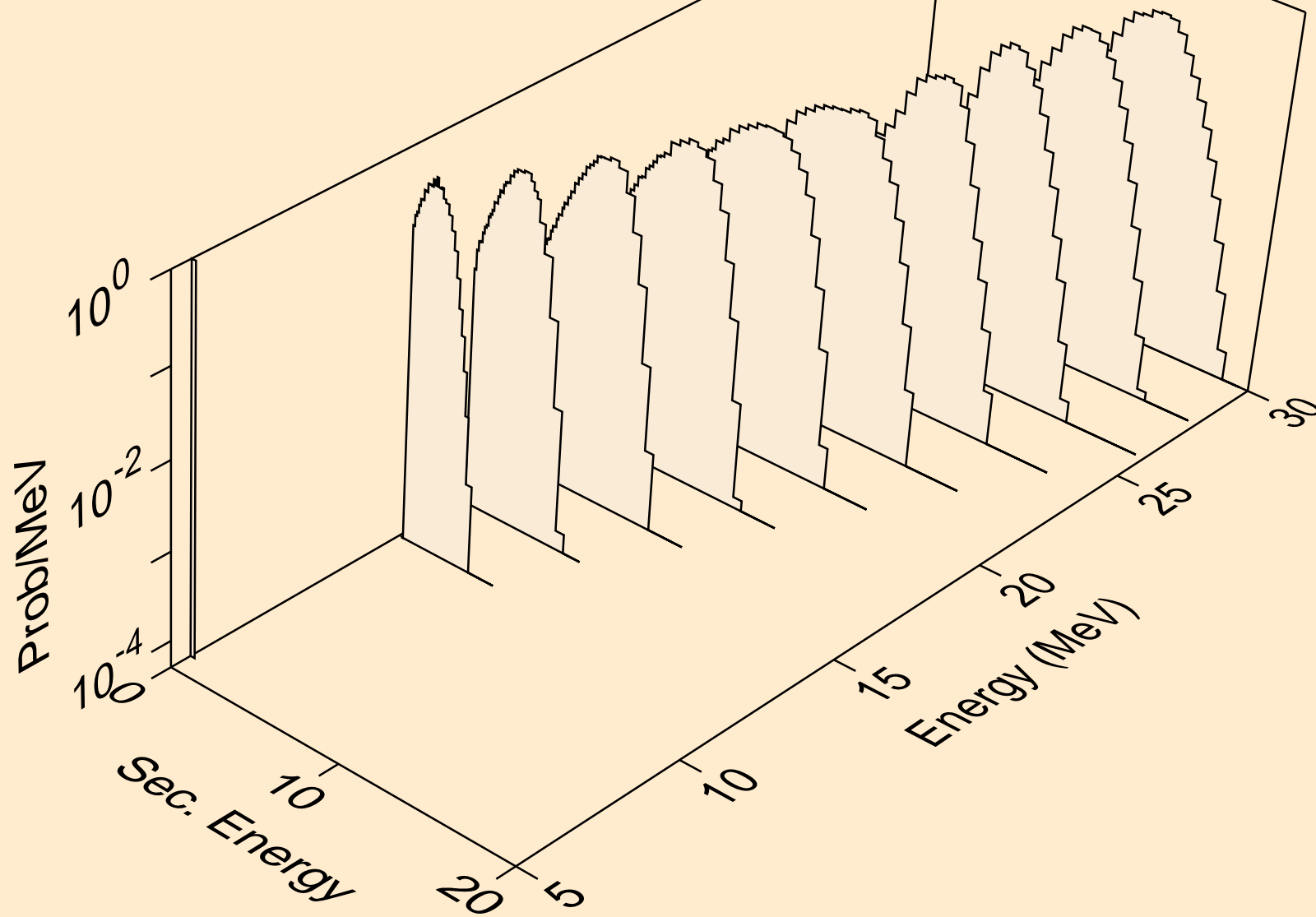
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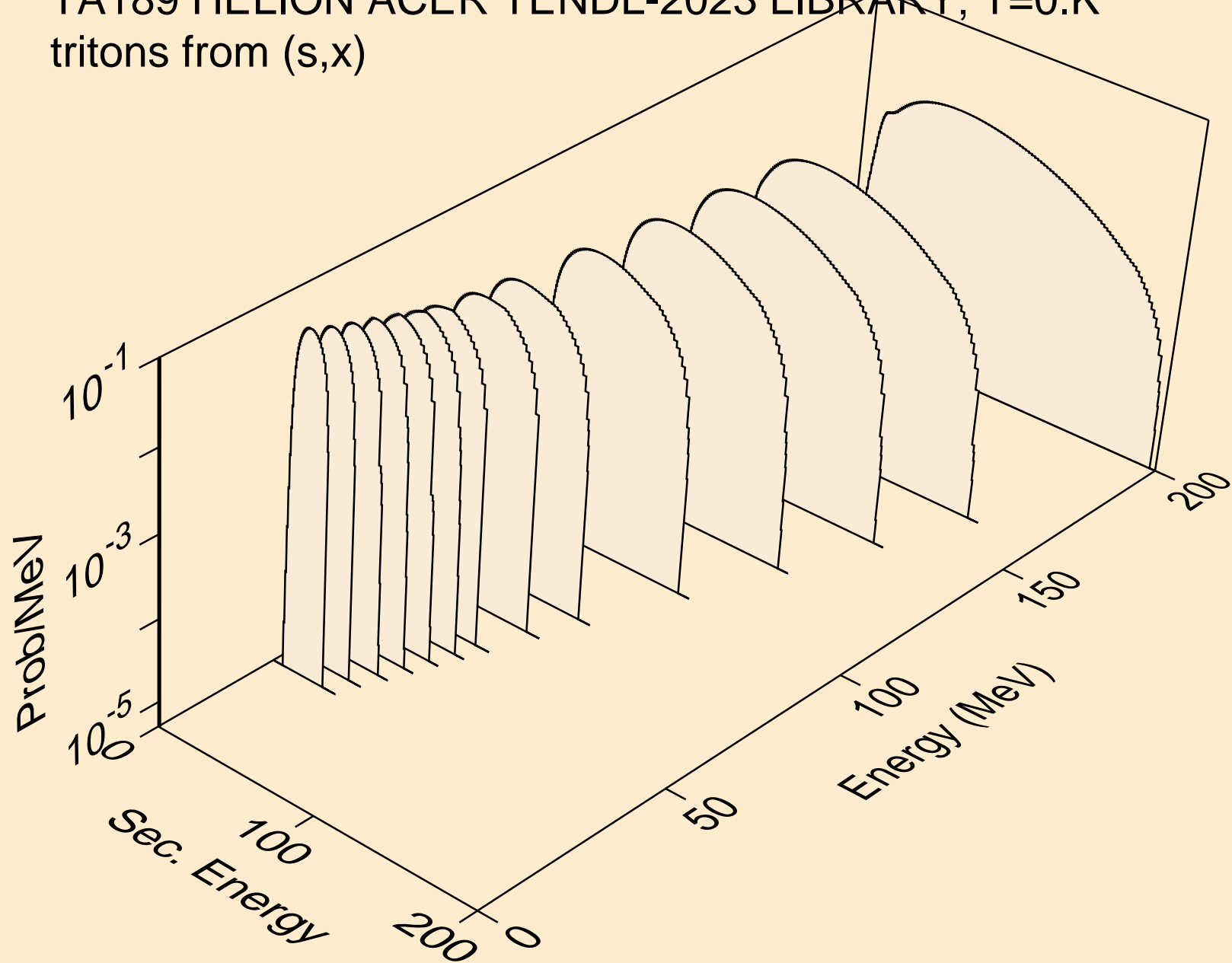
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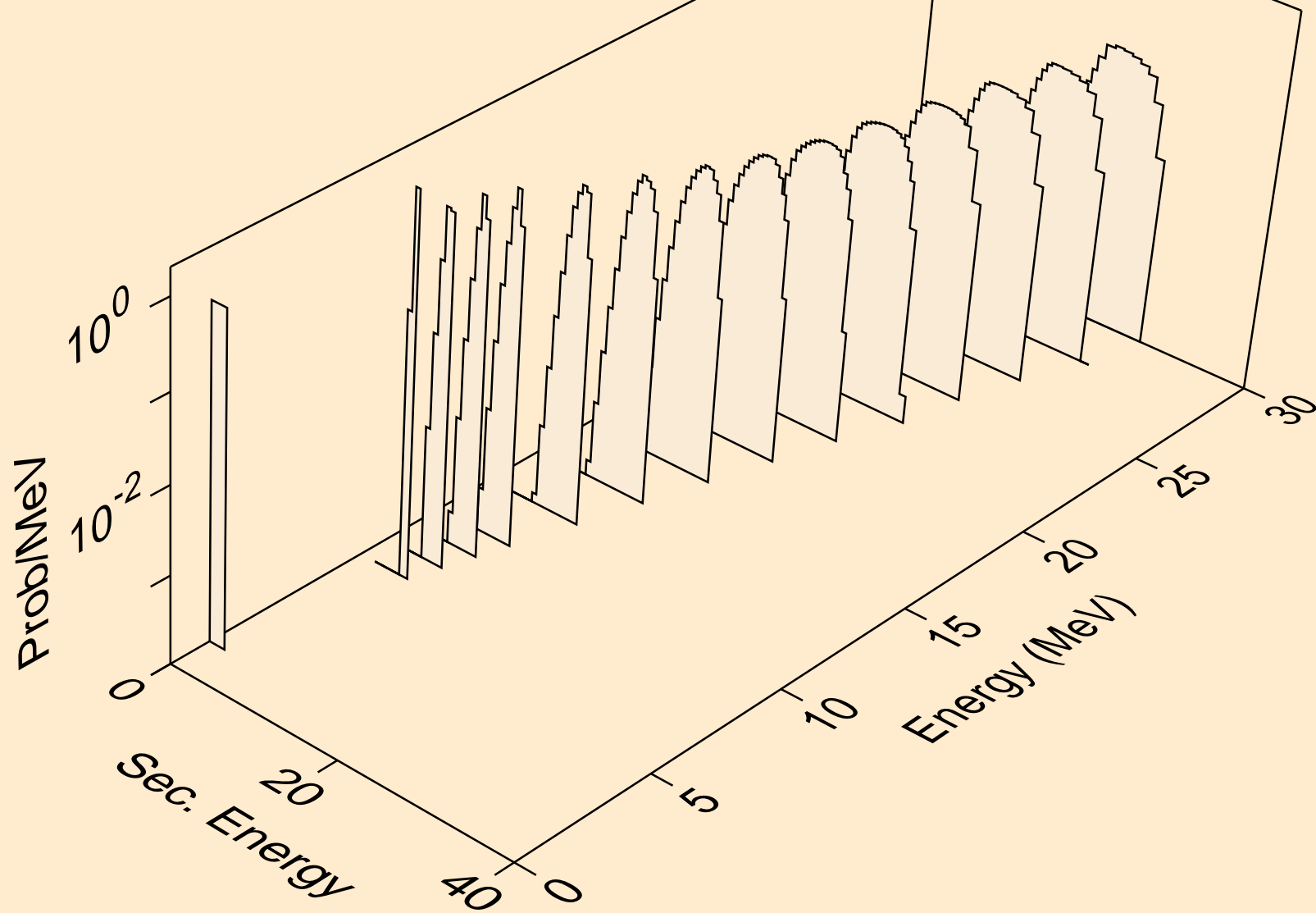
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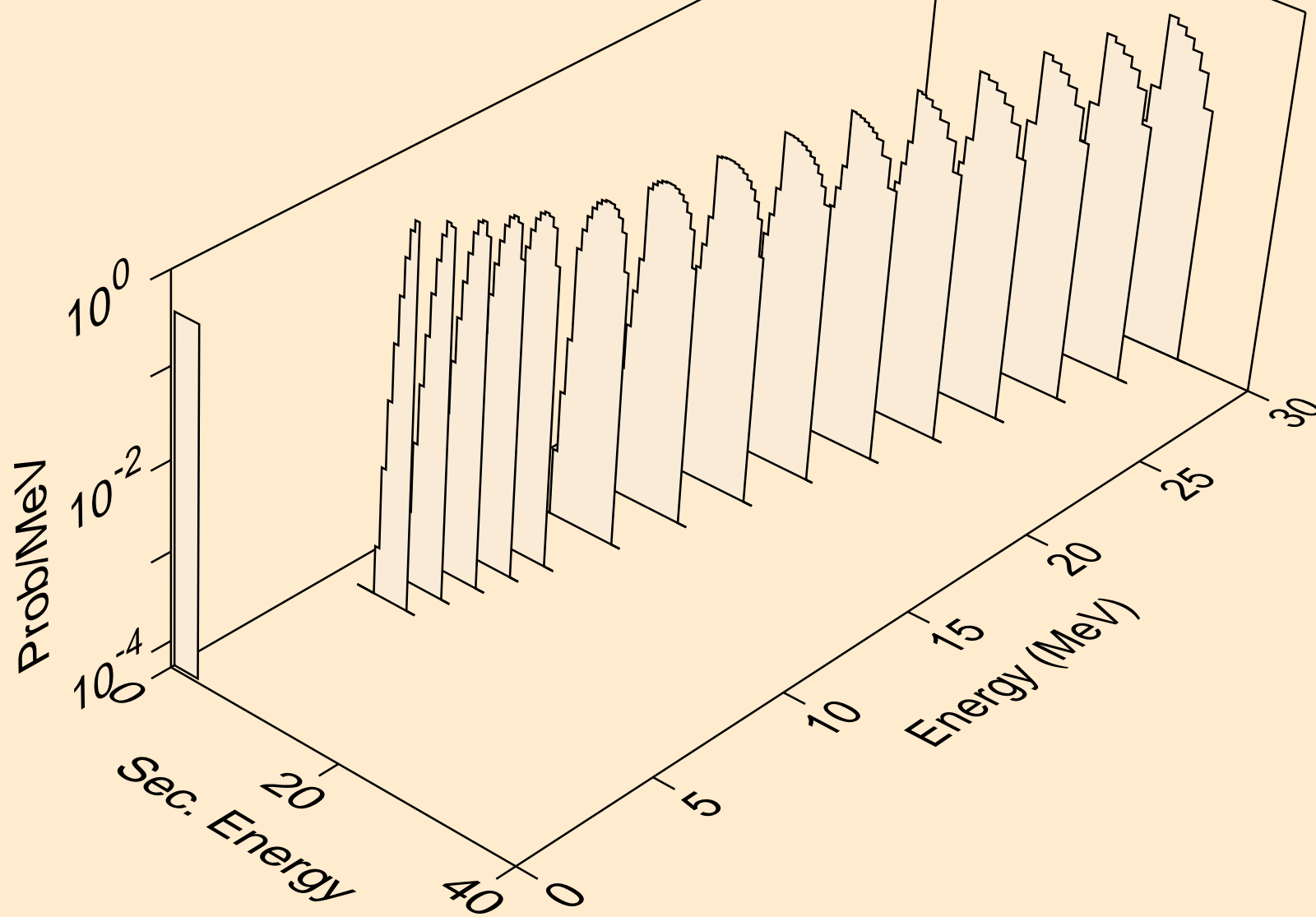
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tritons from (s,x)



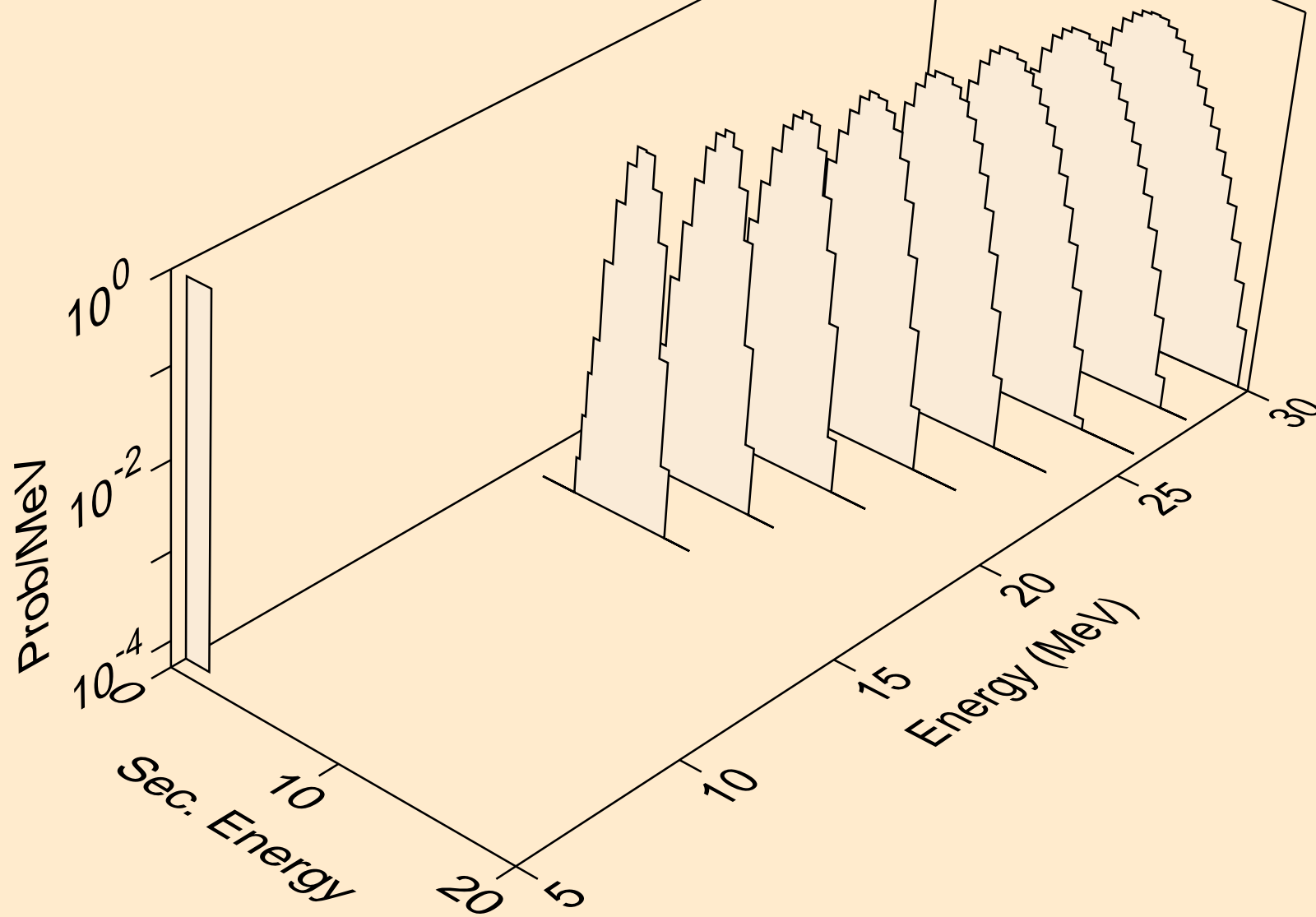
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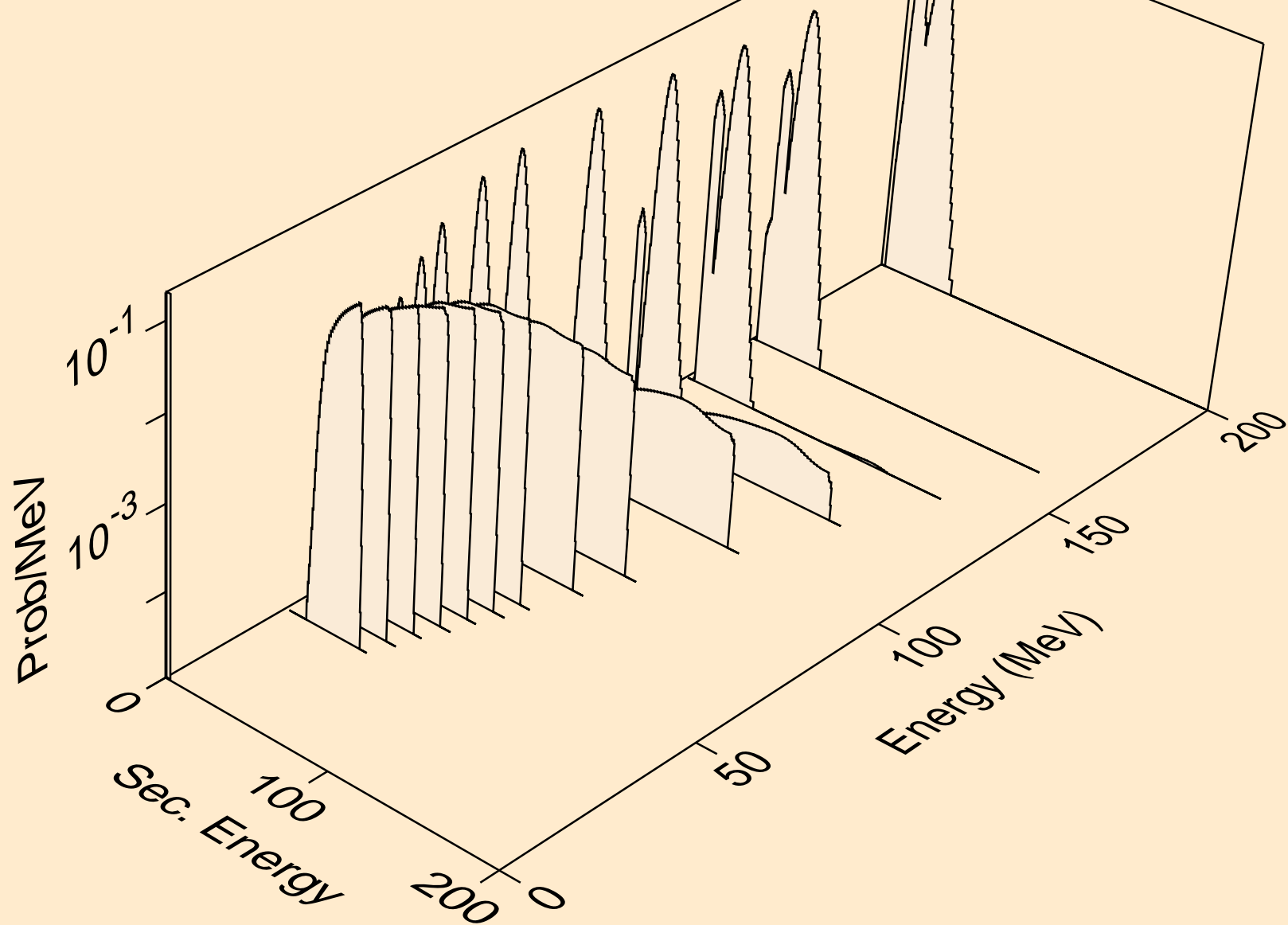
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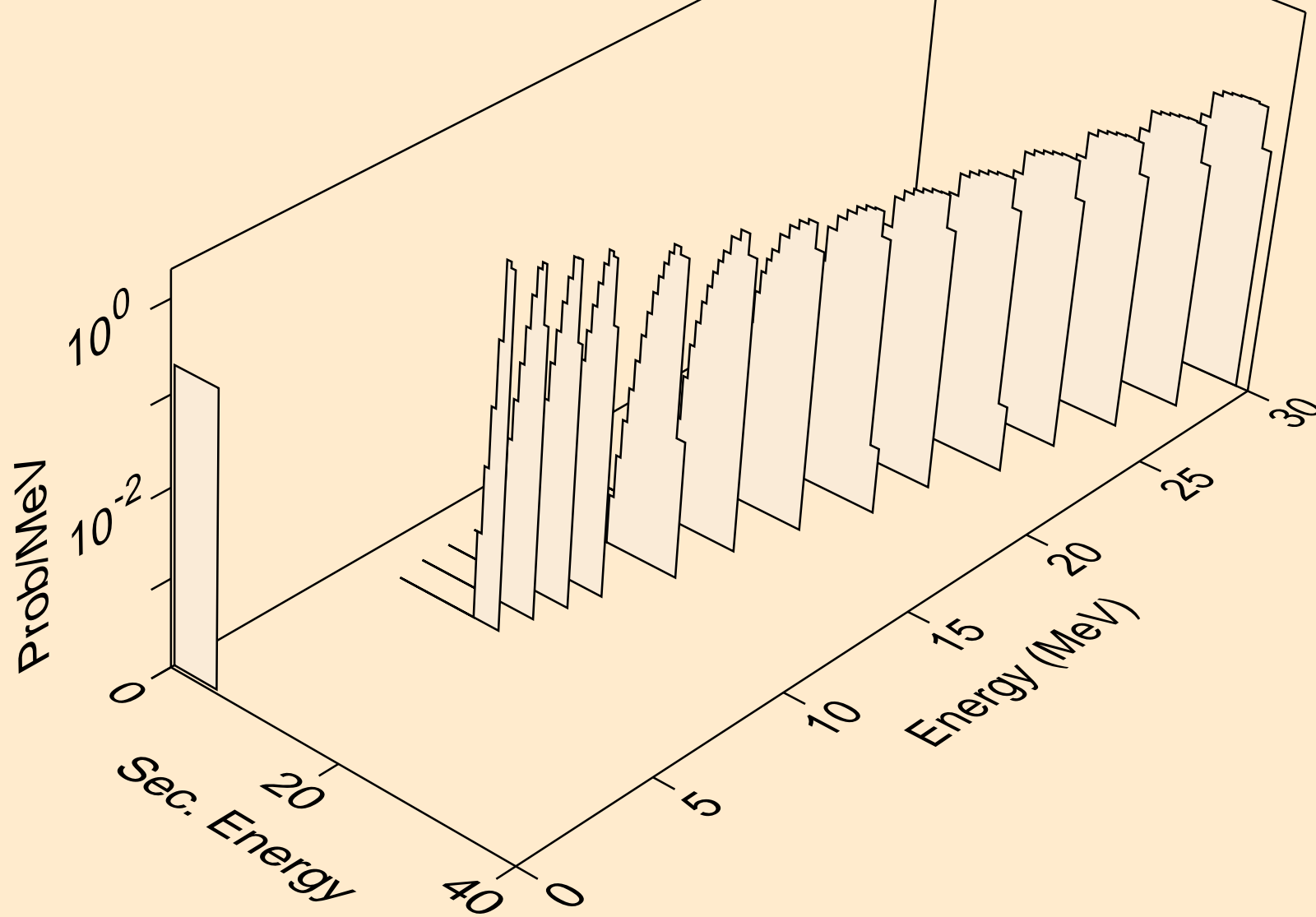
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tritons from (s,pt)



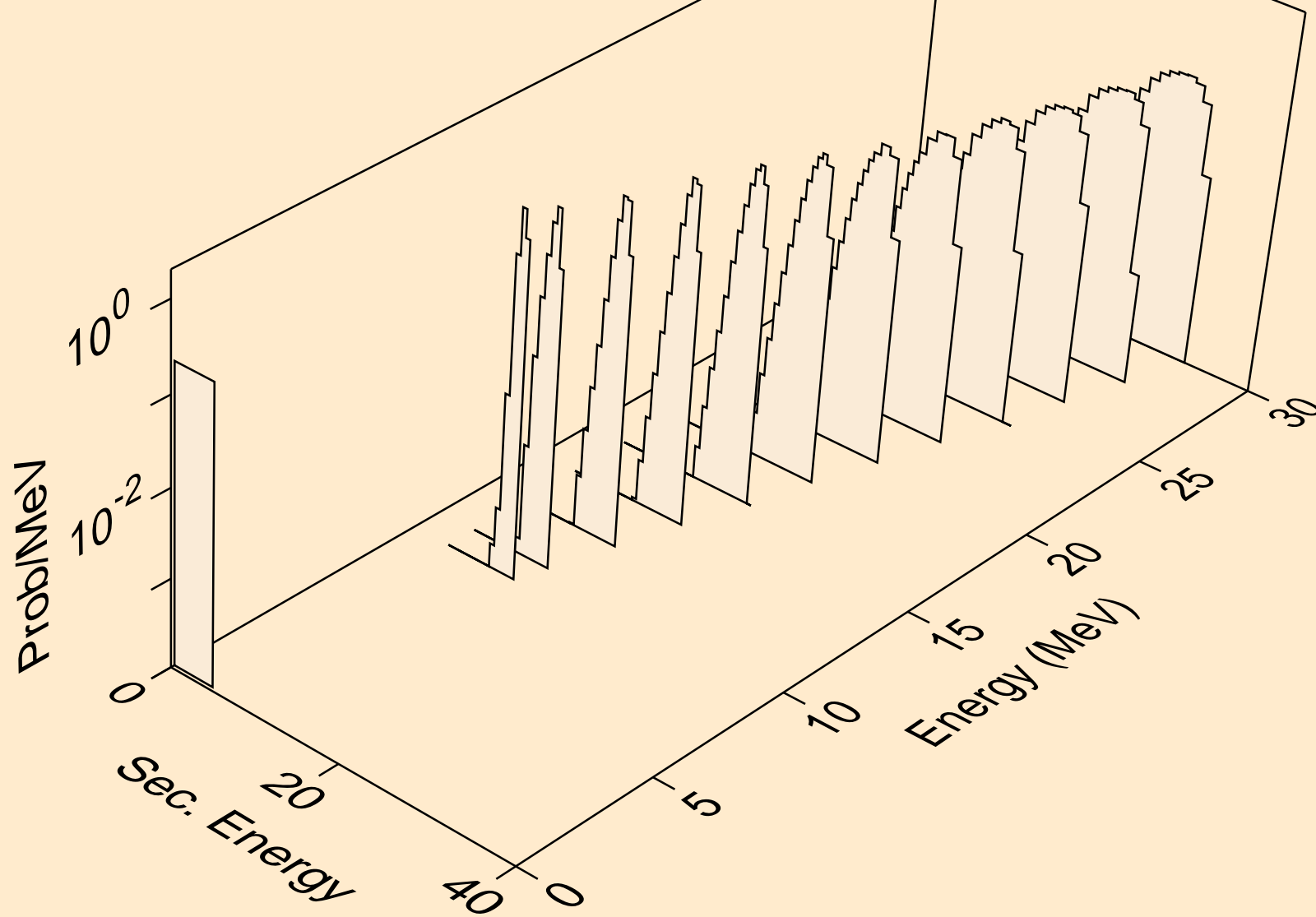
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,x)



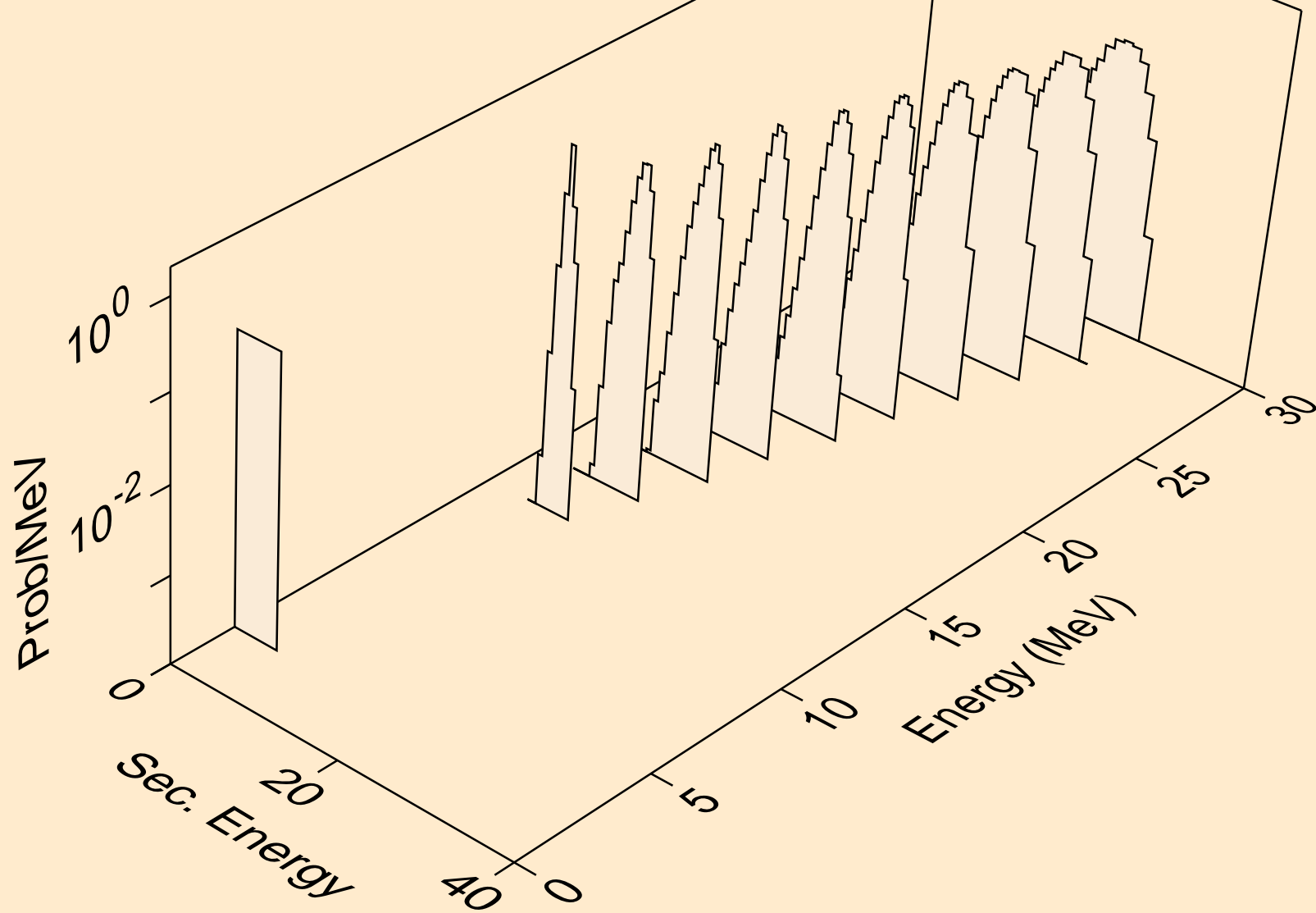
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,n*)a



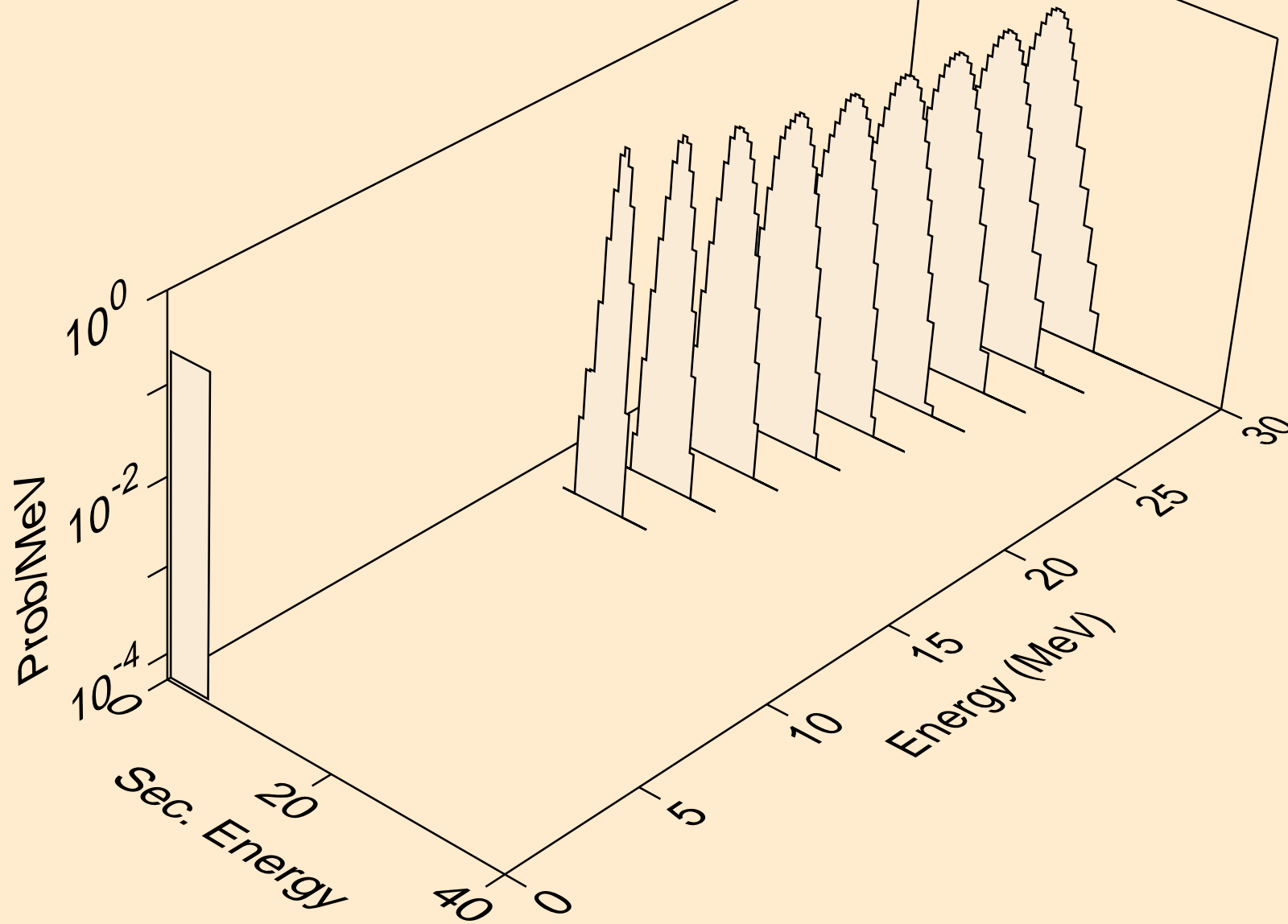
TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2n)a



TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,3n)a



TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,npa)



TA189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,a)

