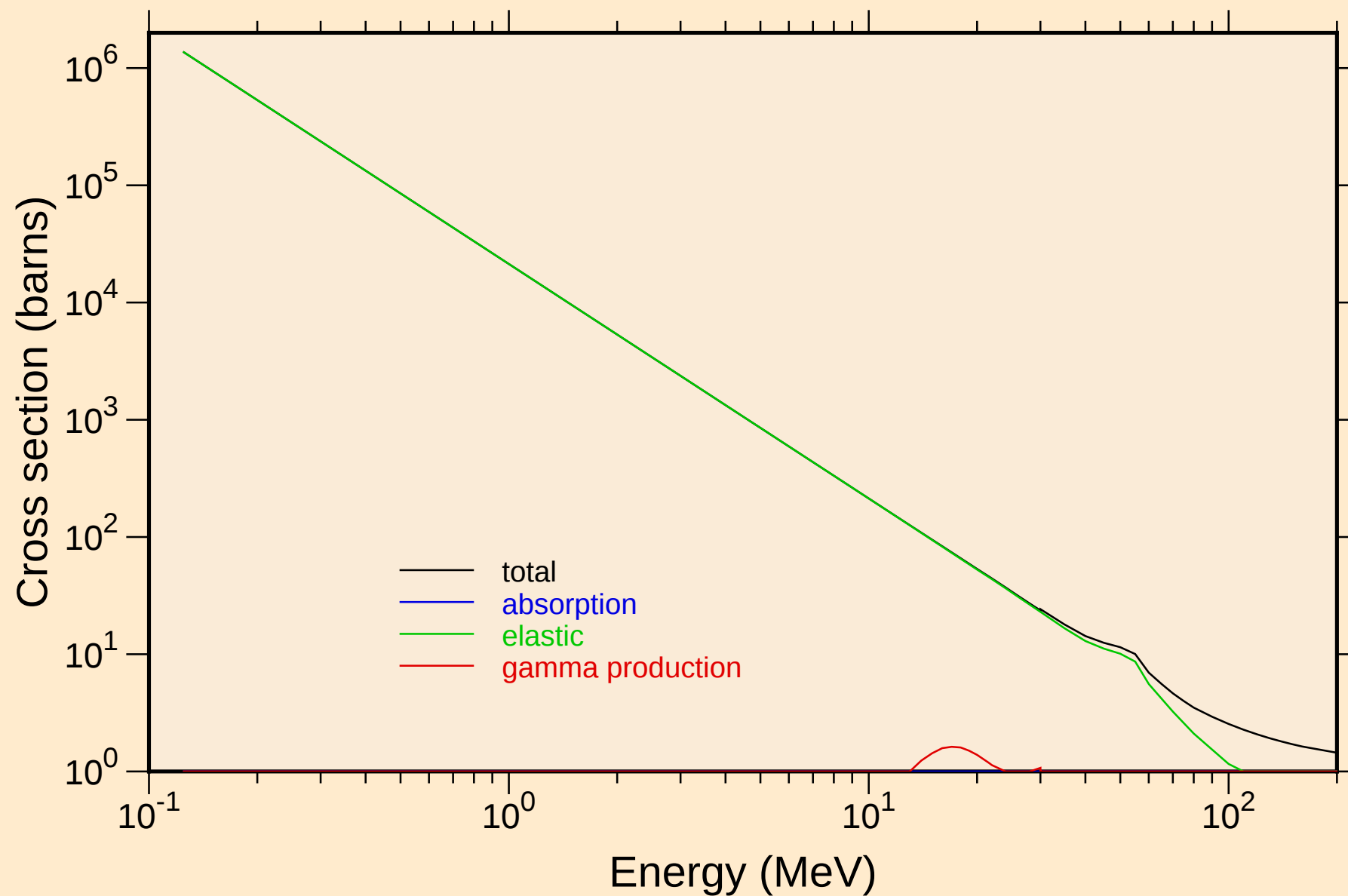


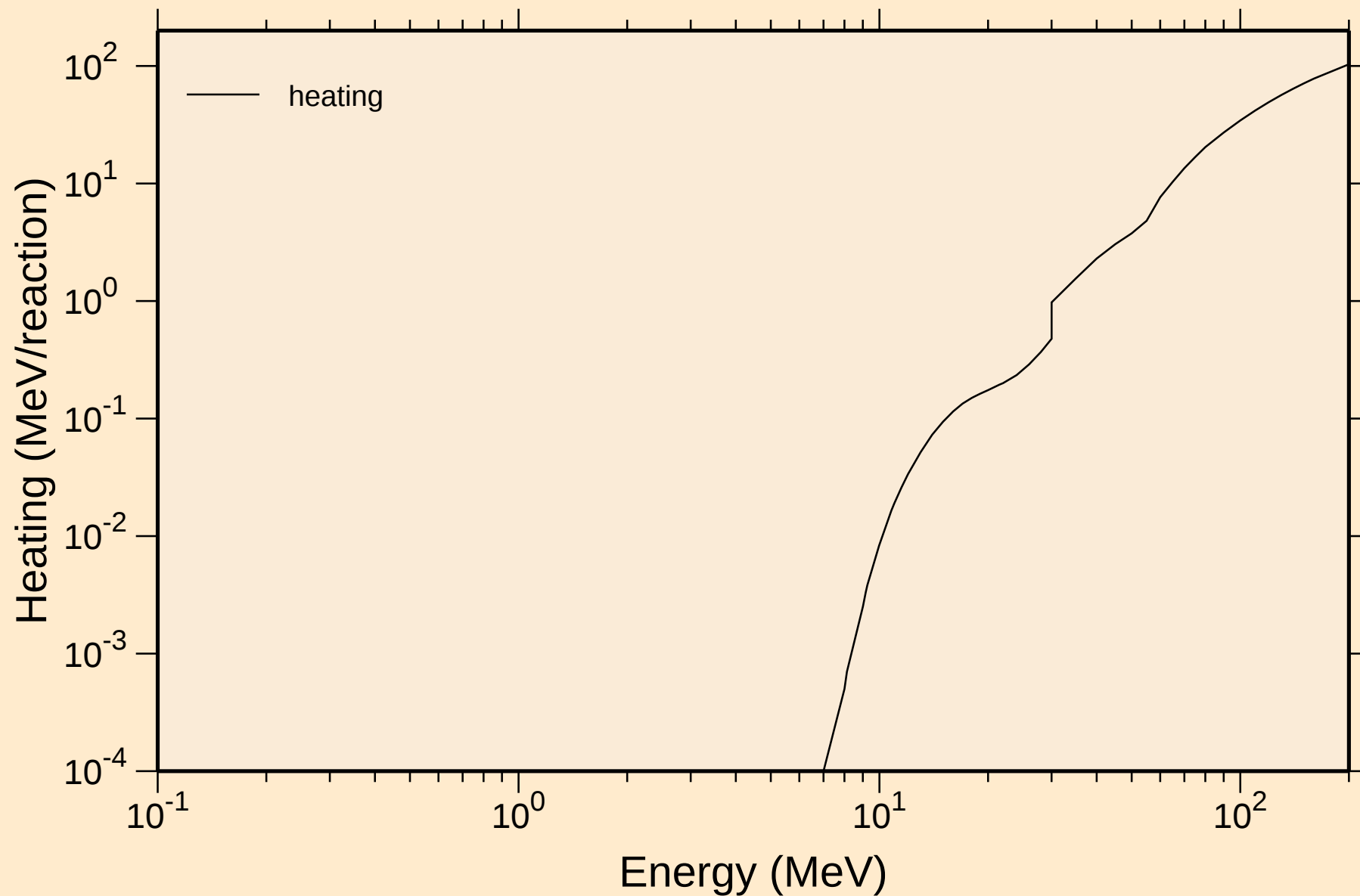
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



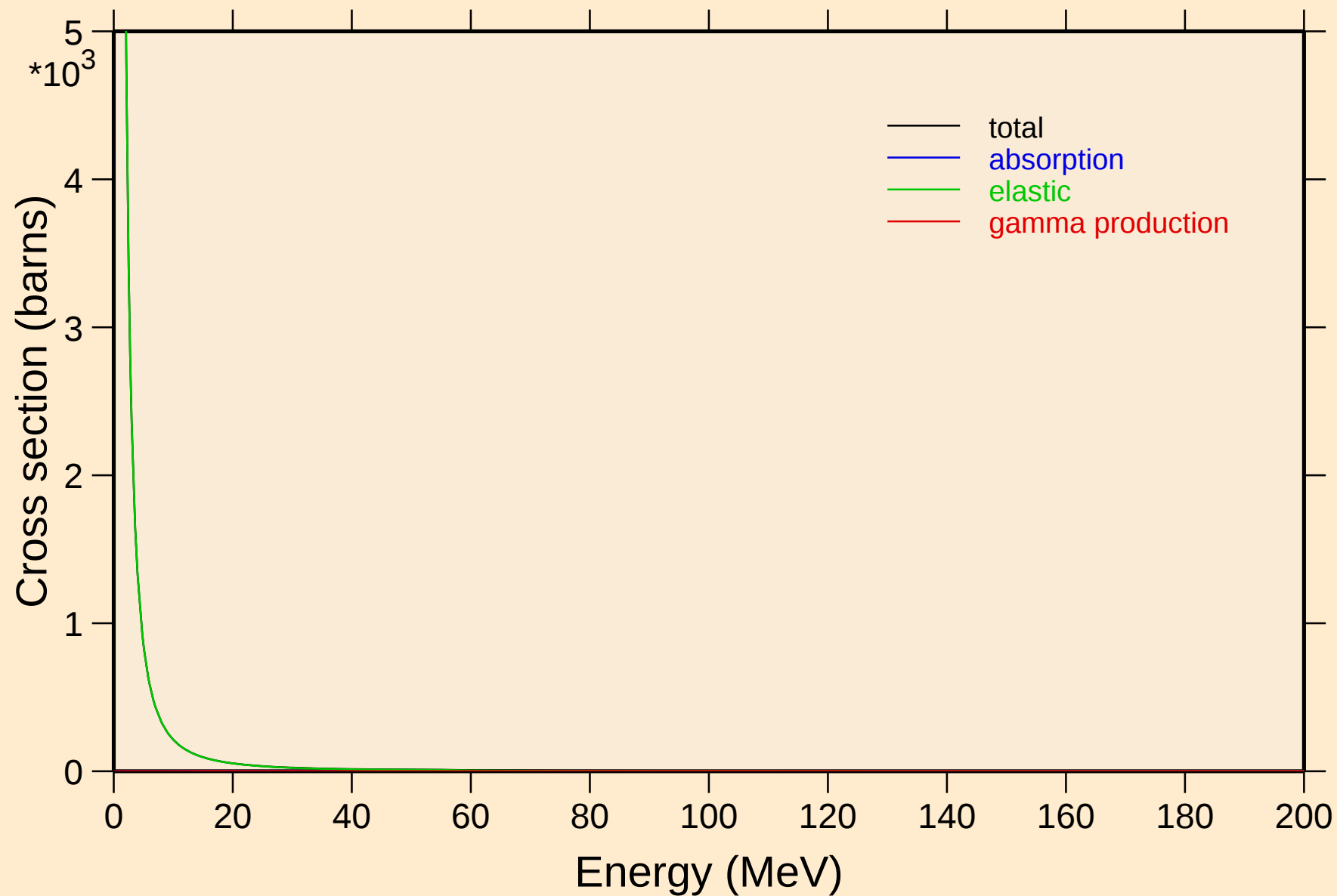
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



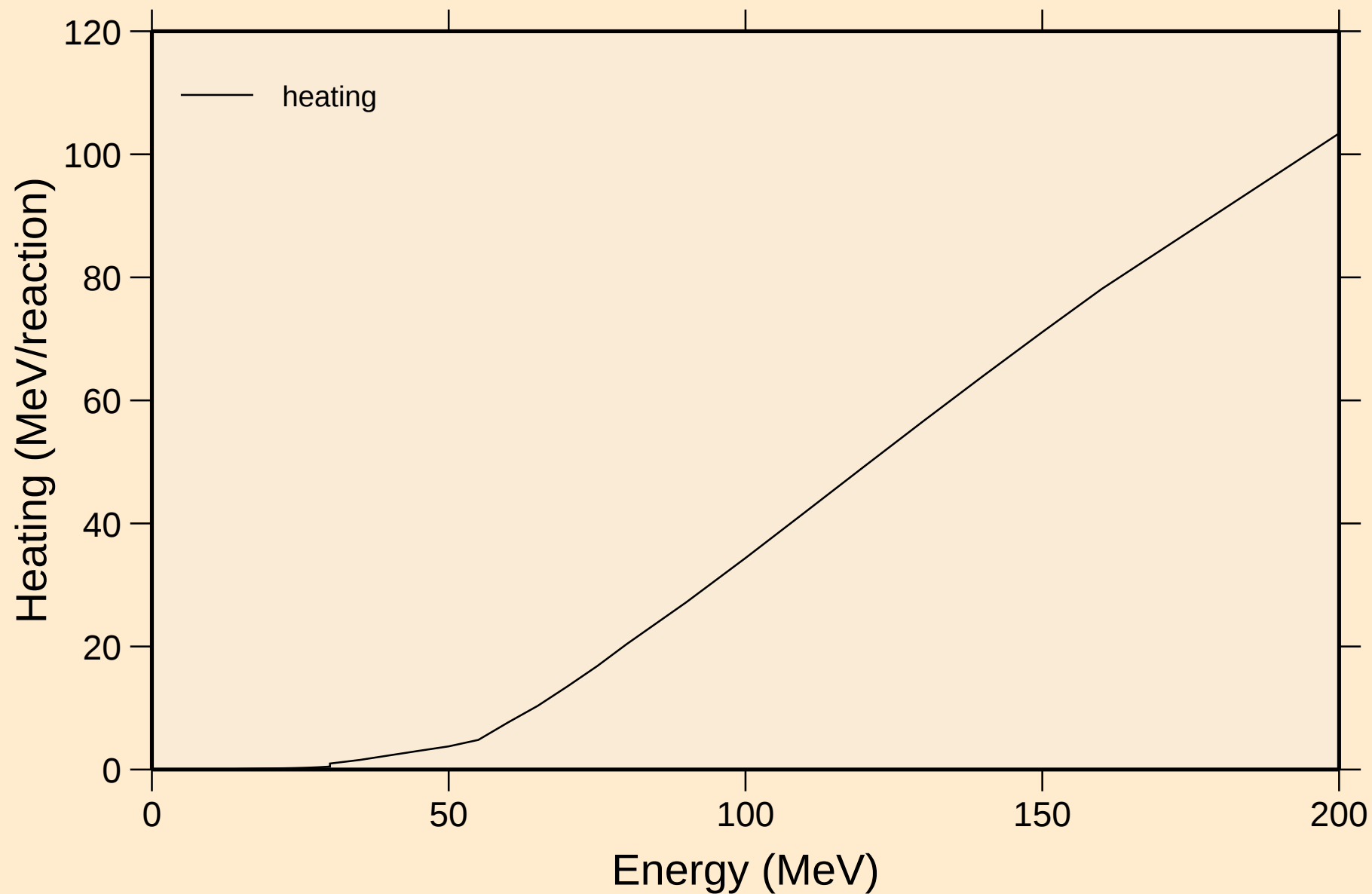
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Principal cross sections



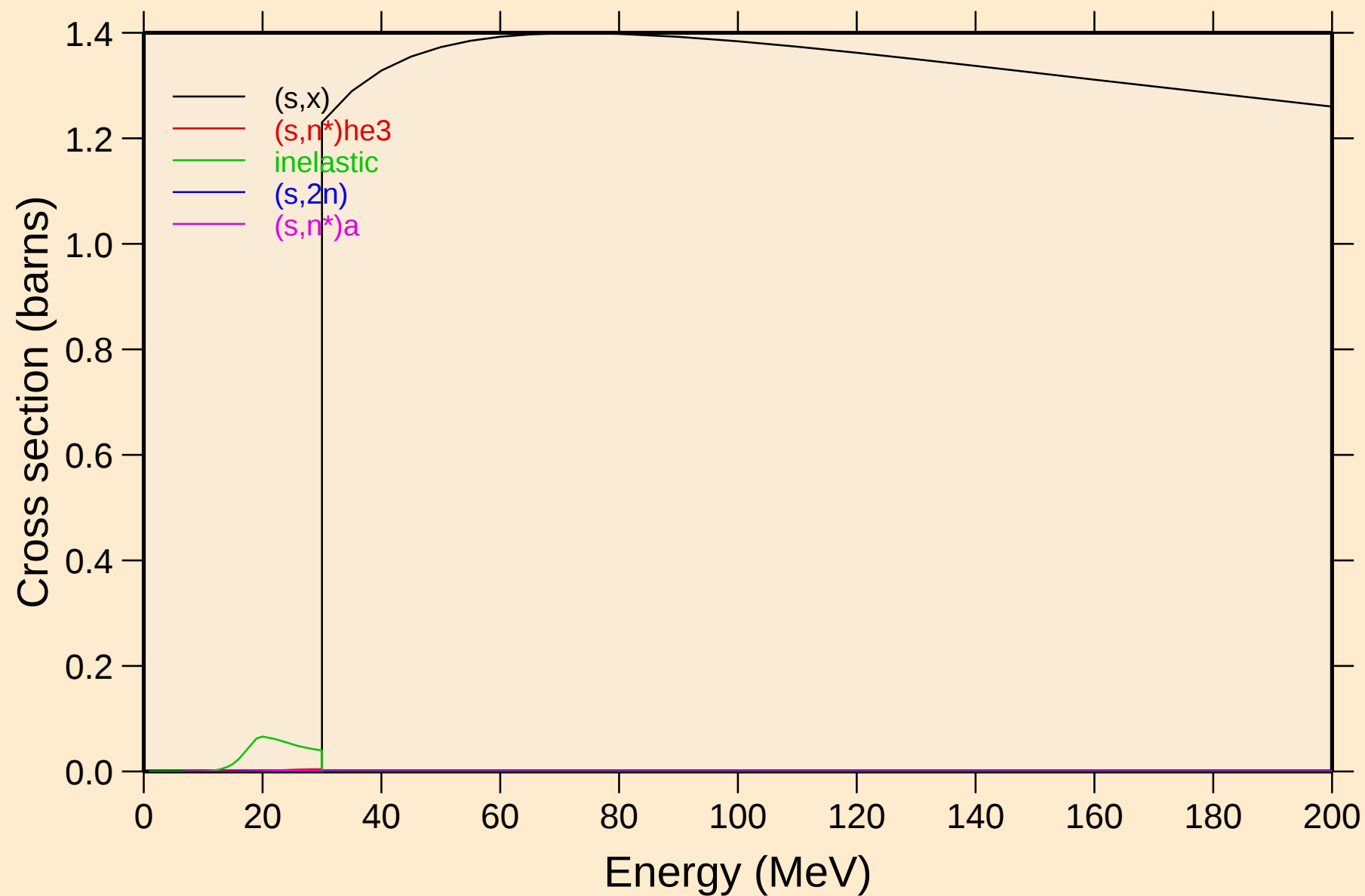
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Heating



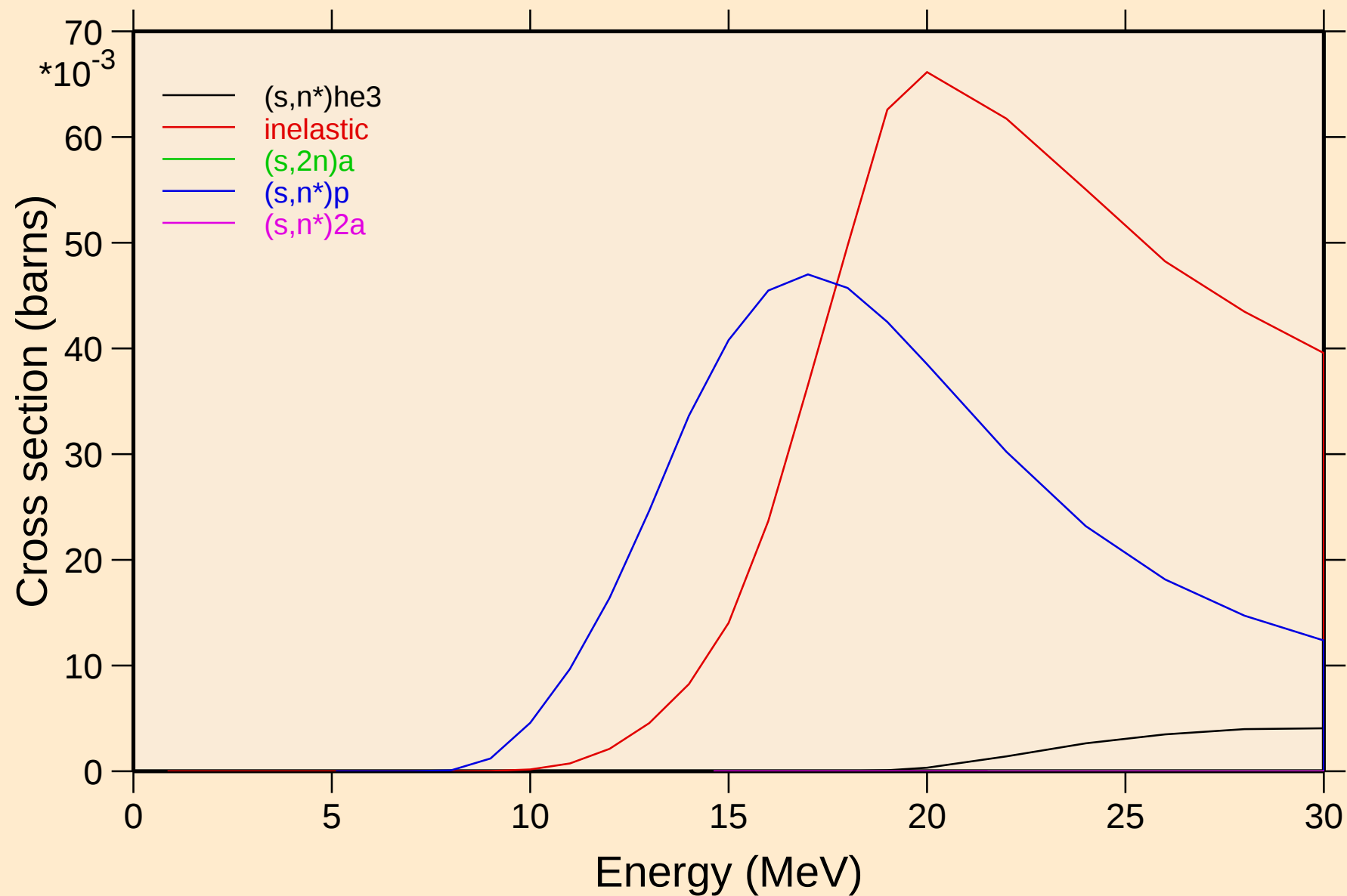
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Threshold reactions



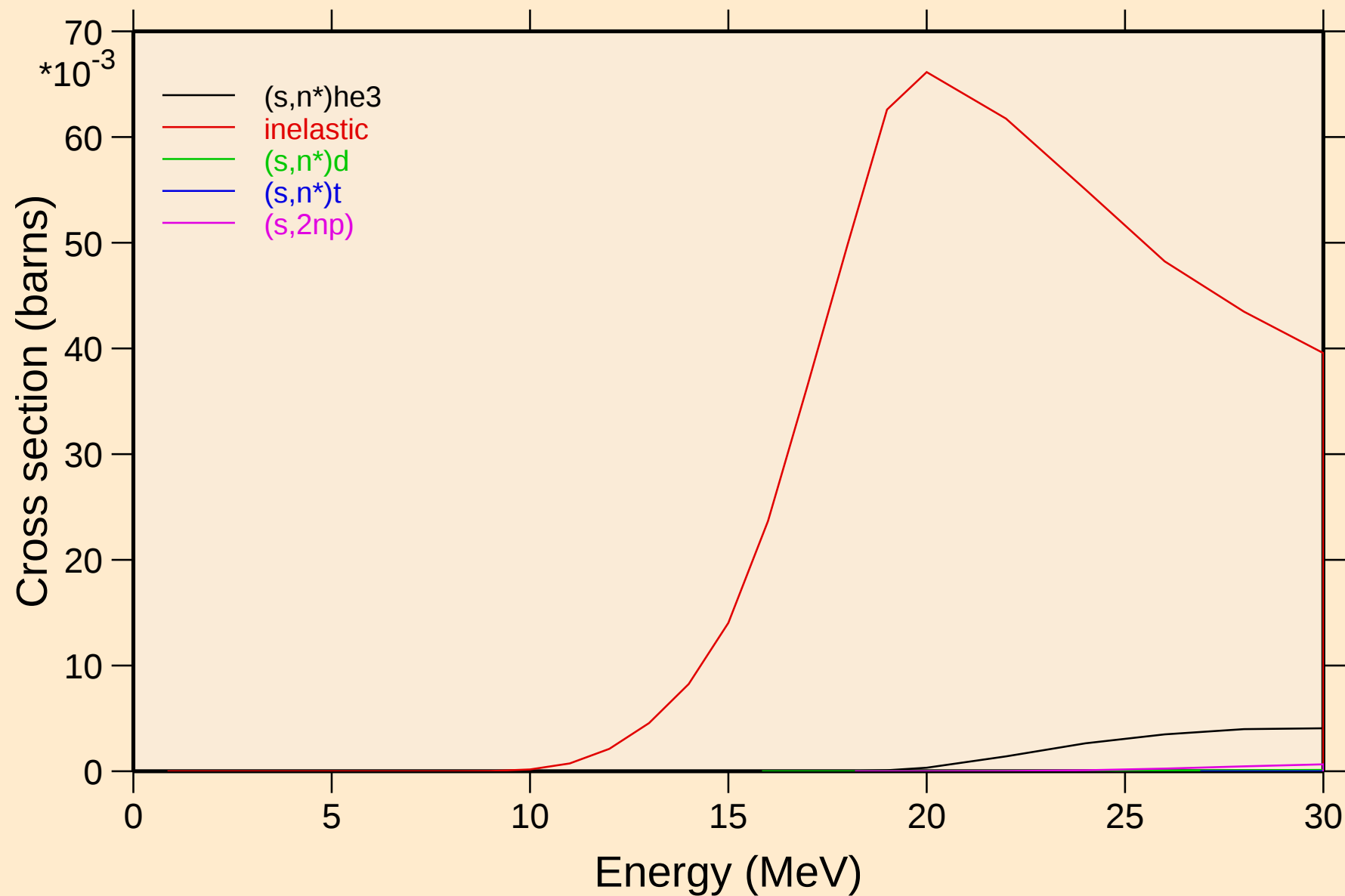
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Threshold reactions



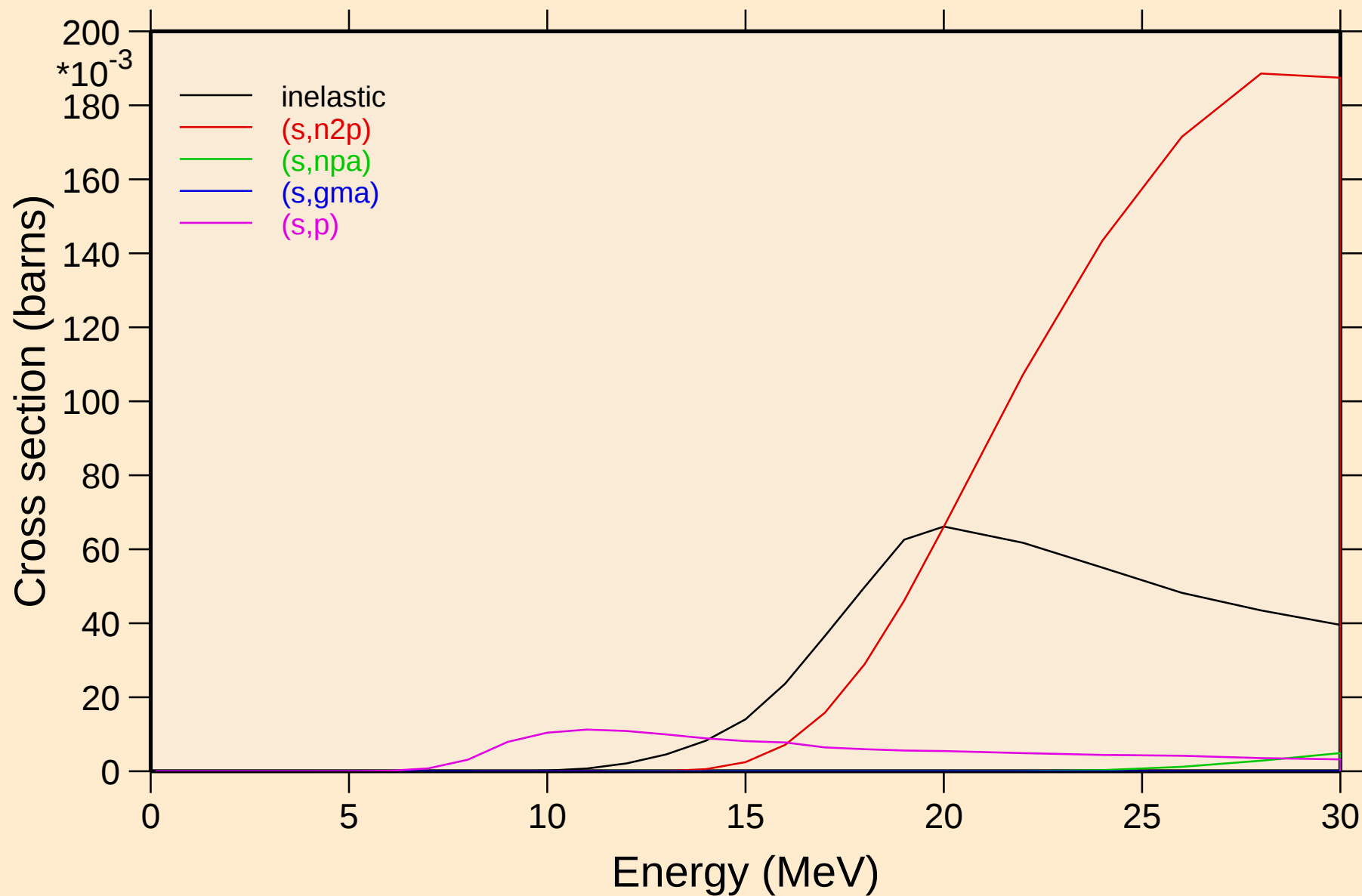
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Threshold reactions



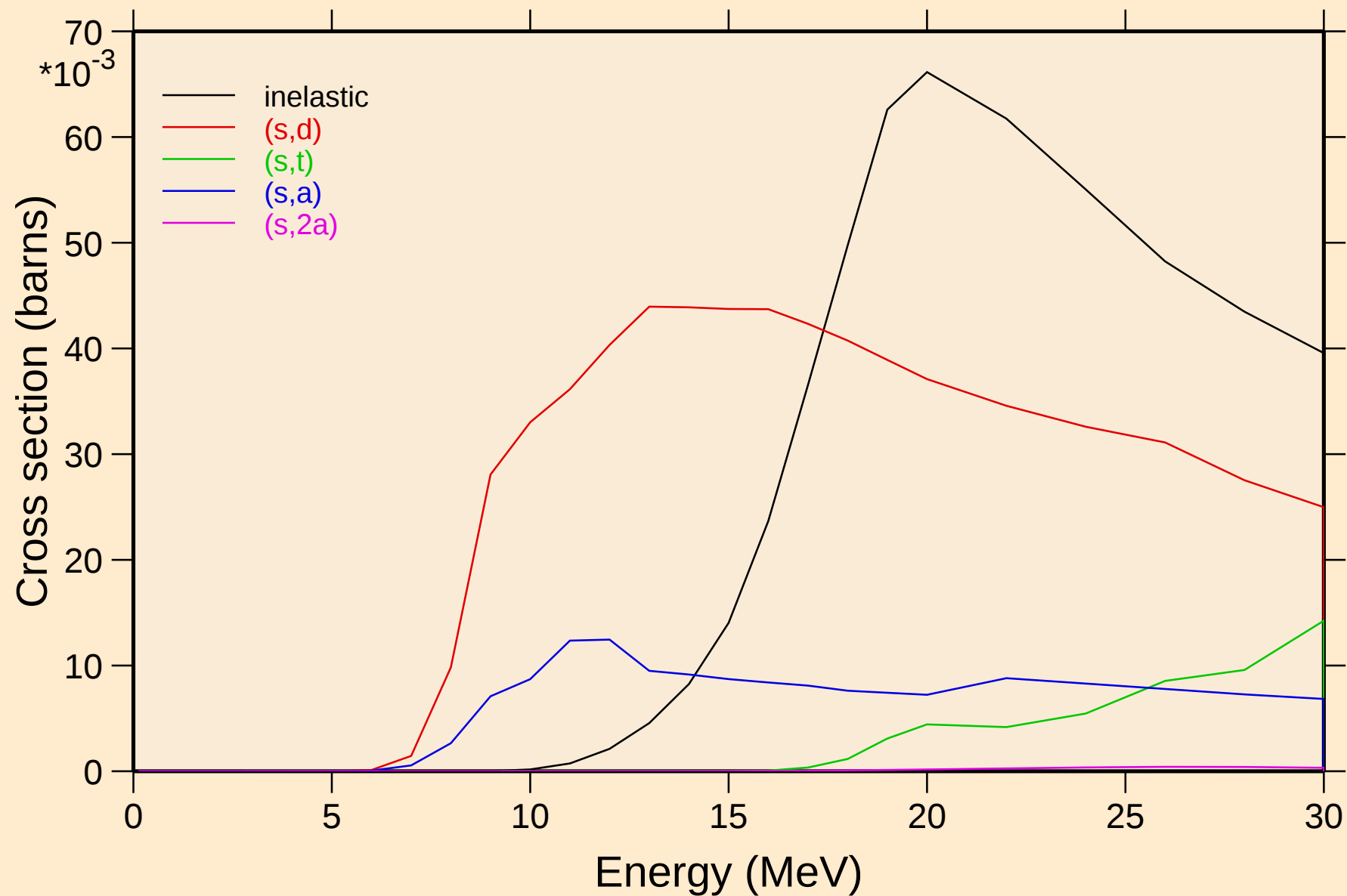
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Threshold reactions

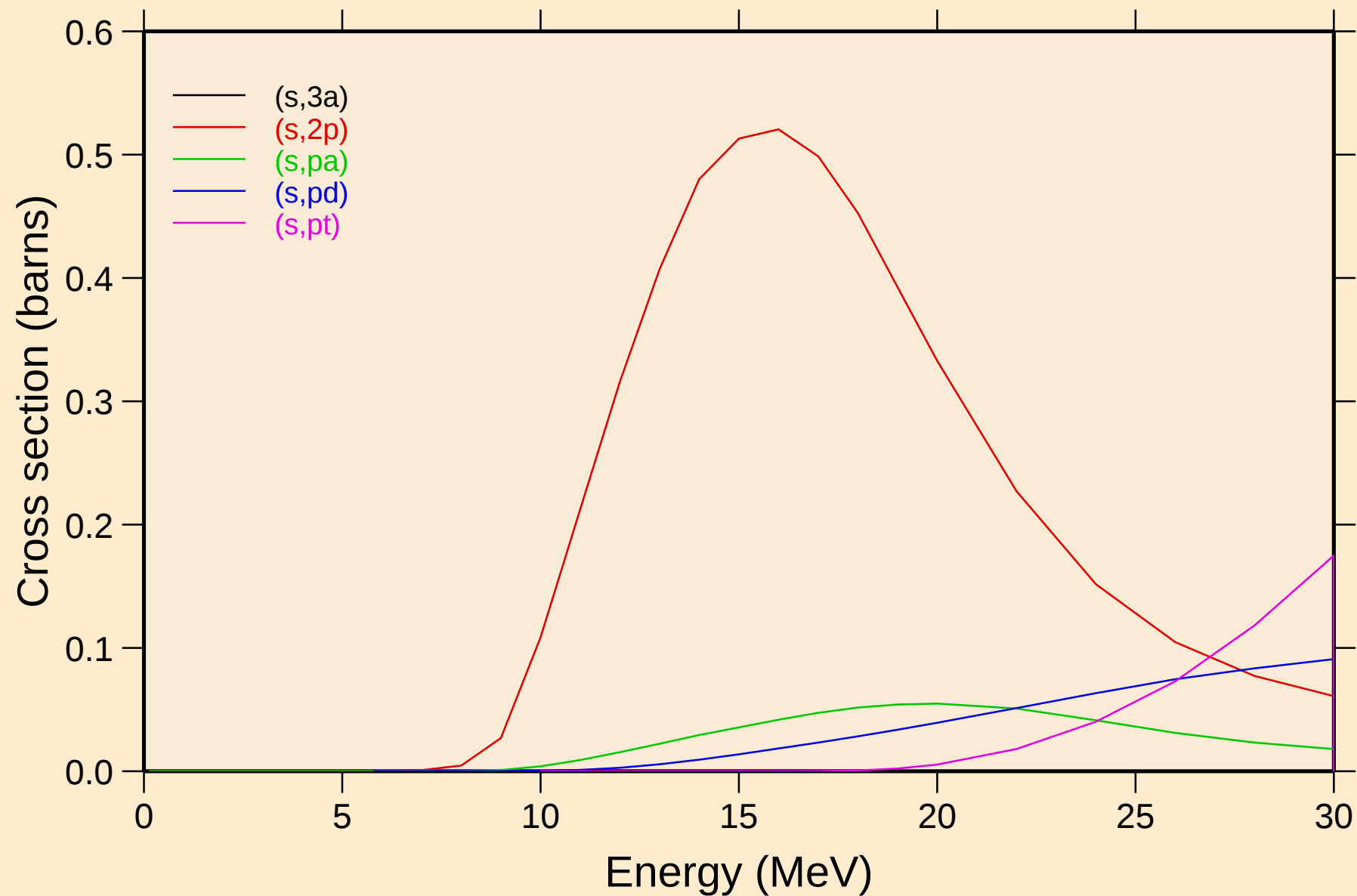


NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

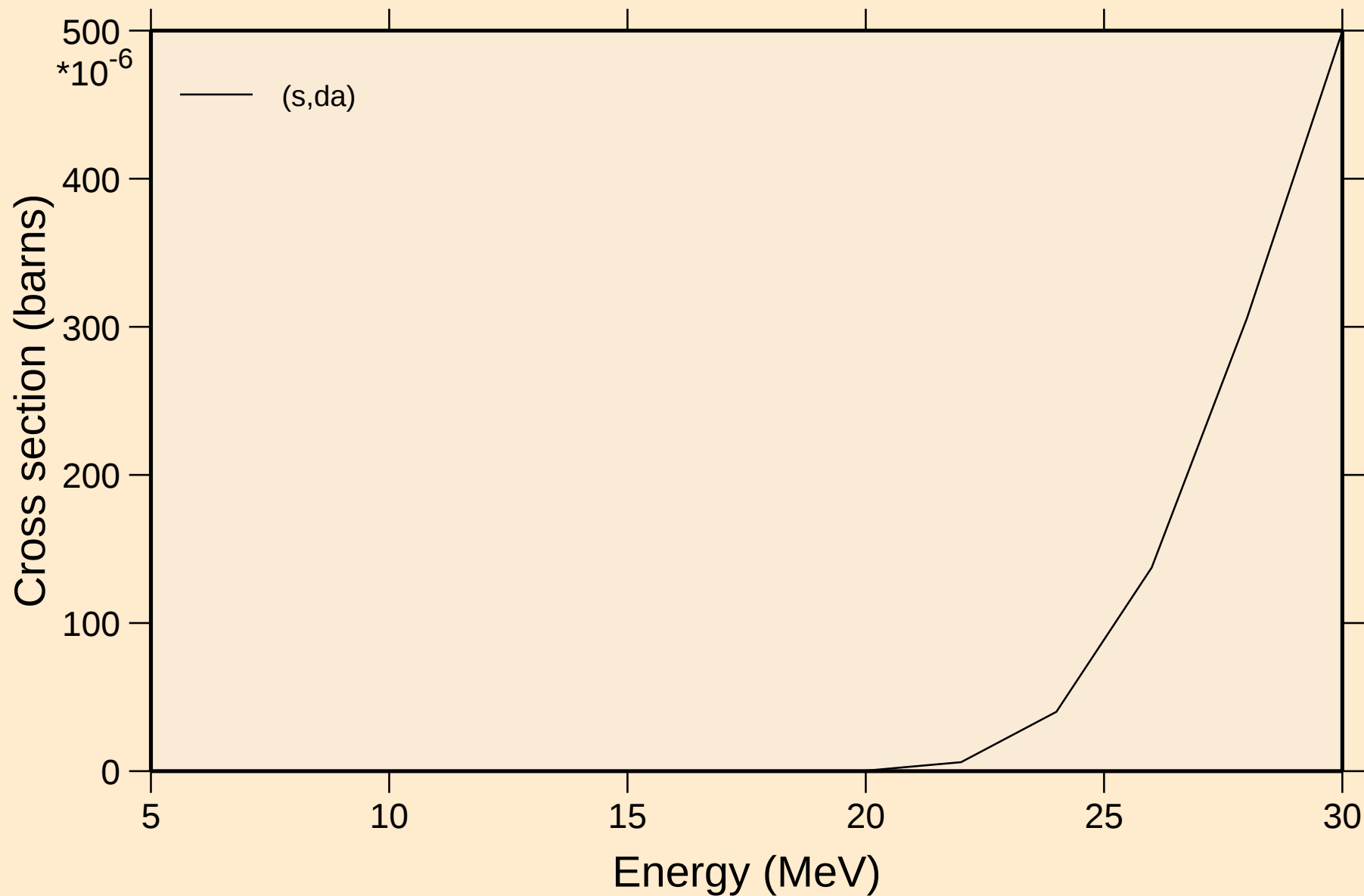


NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

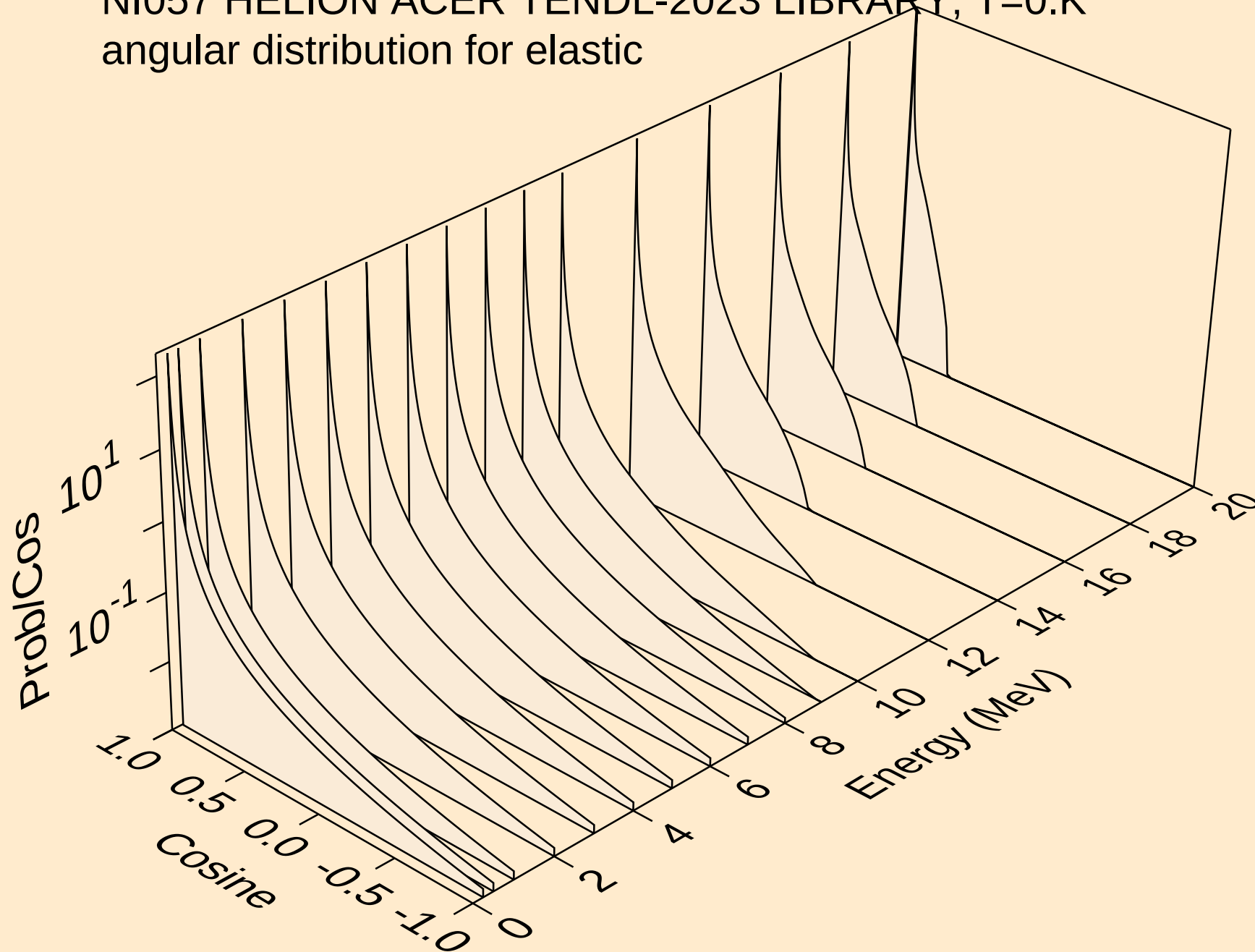


NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K

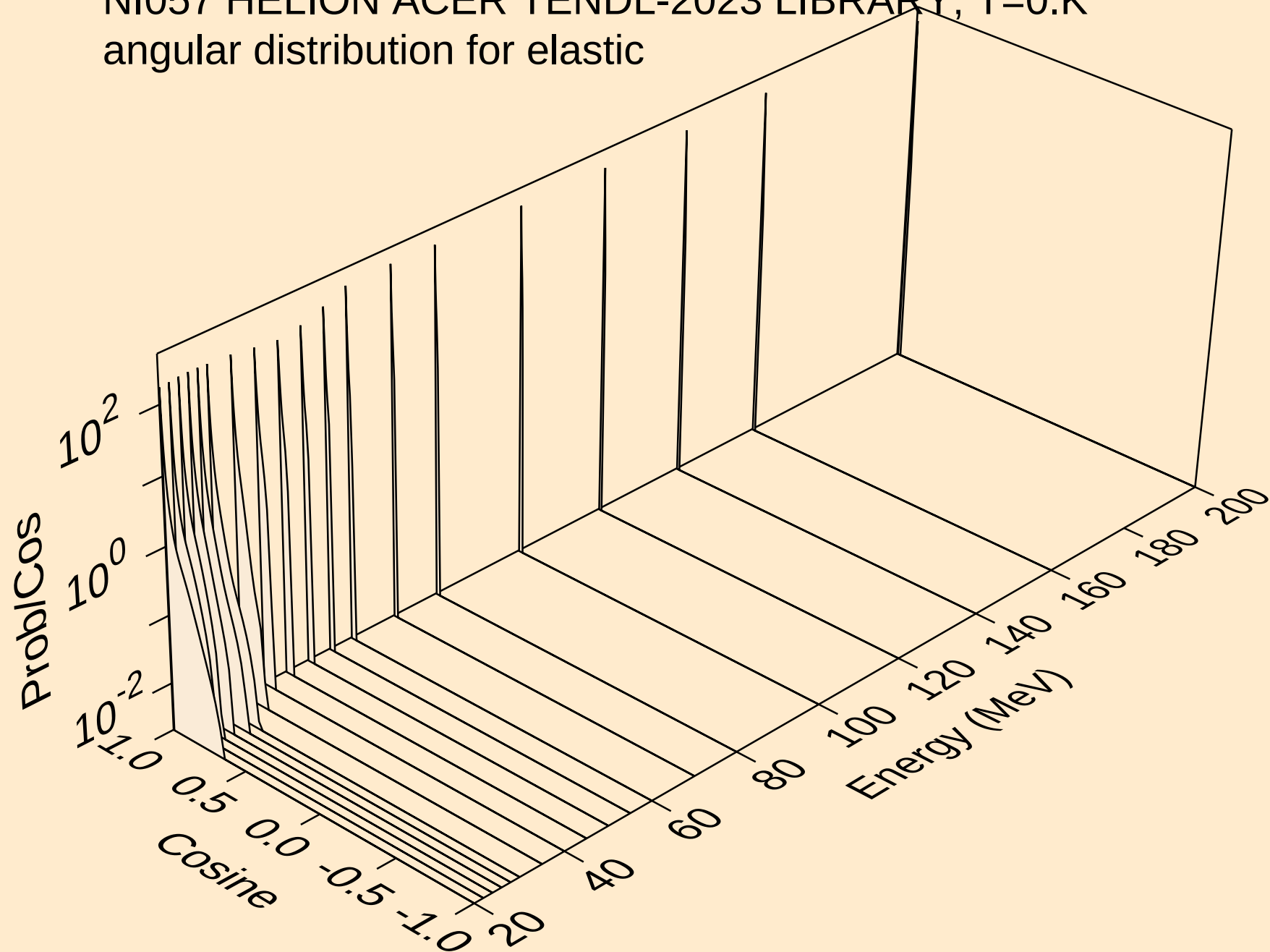
Threshold reactions



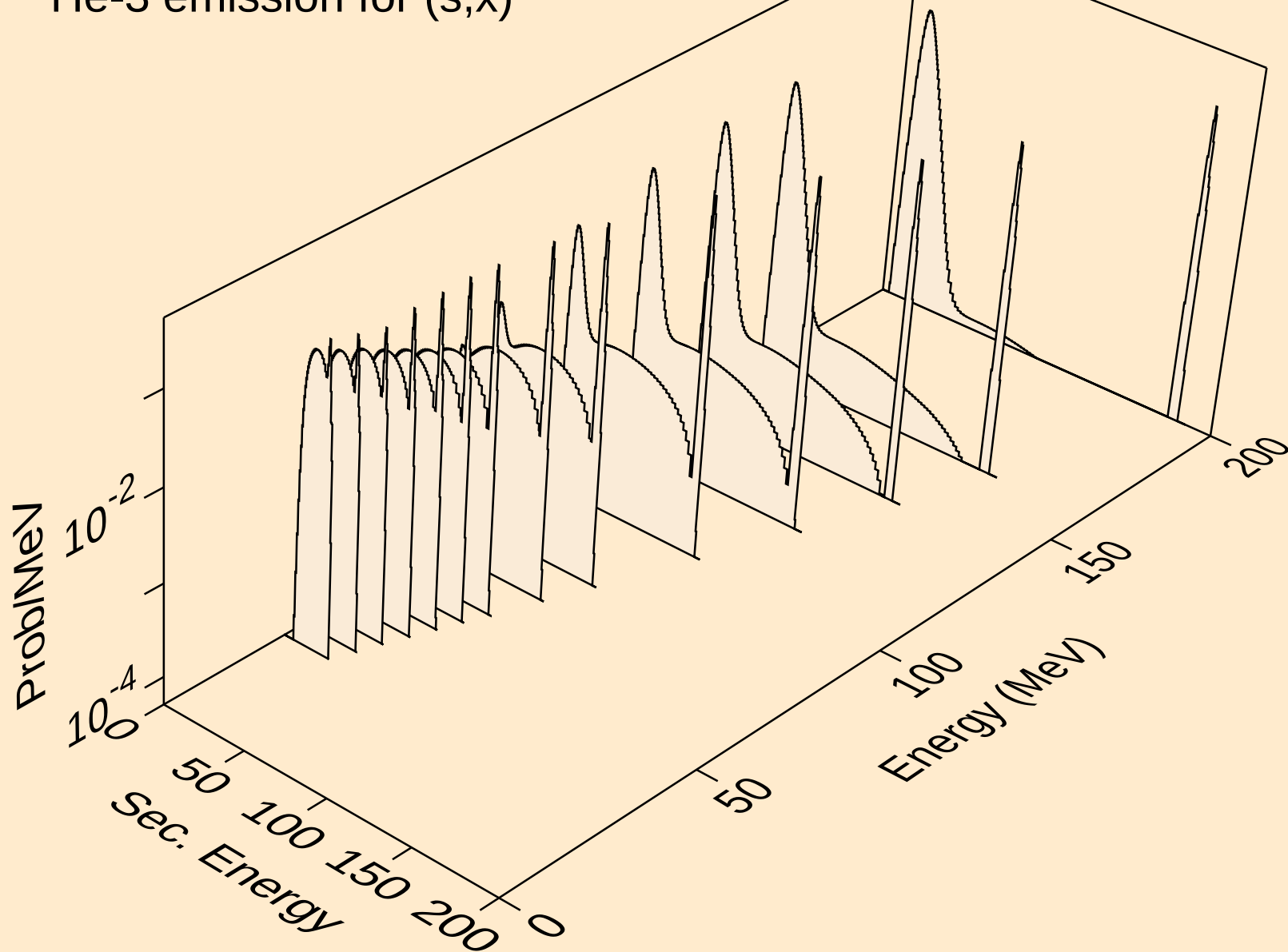
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



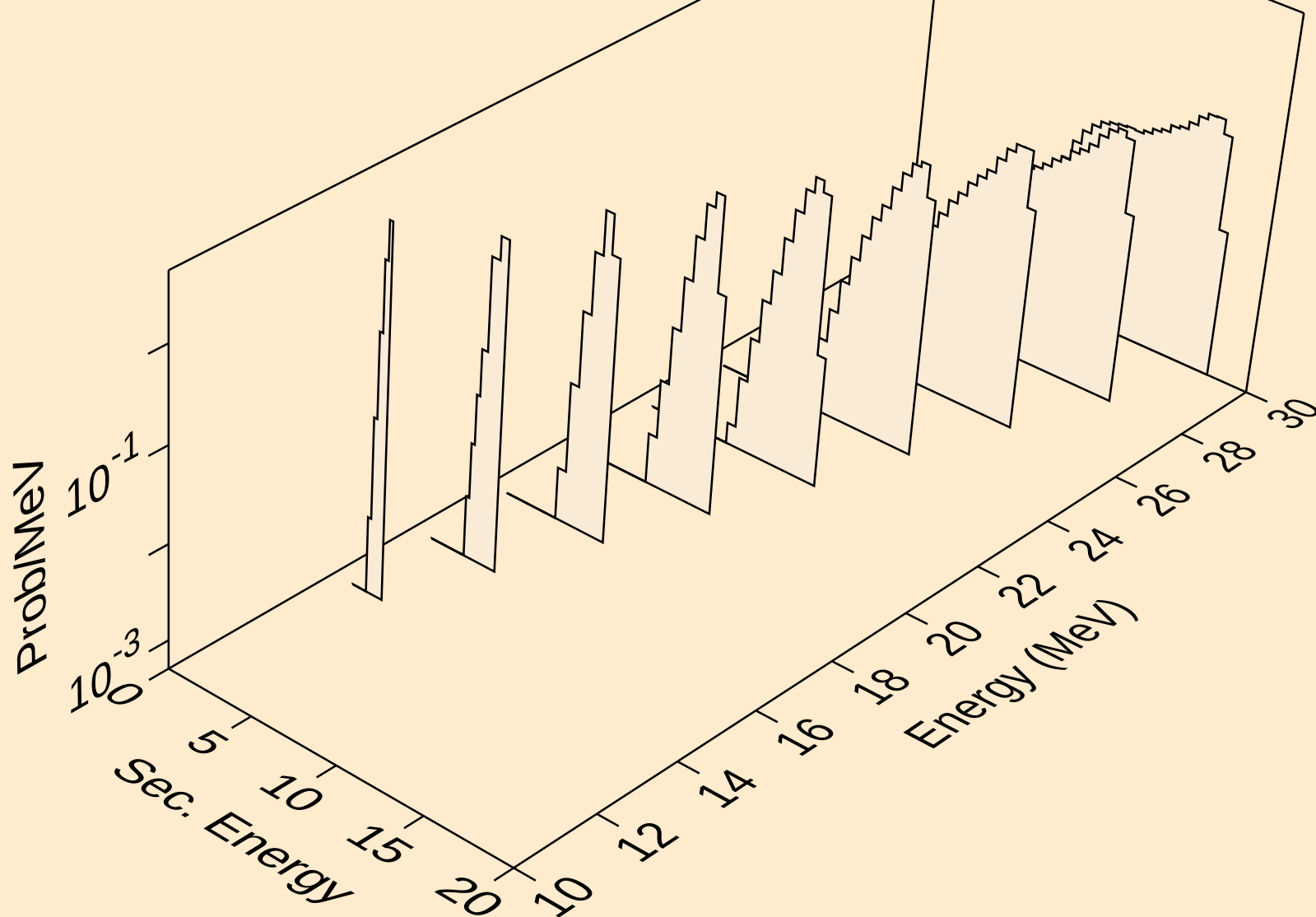
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



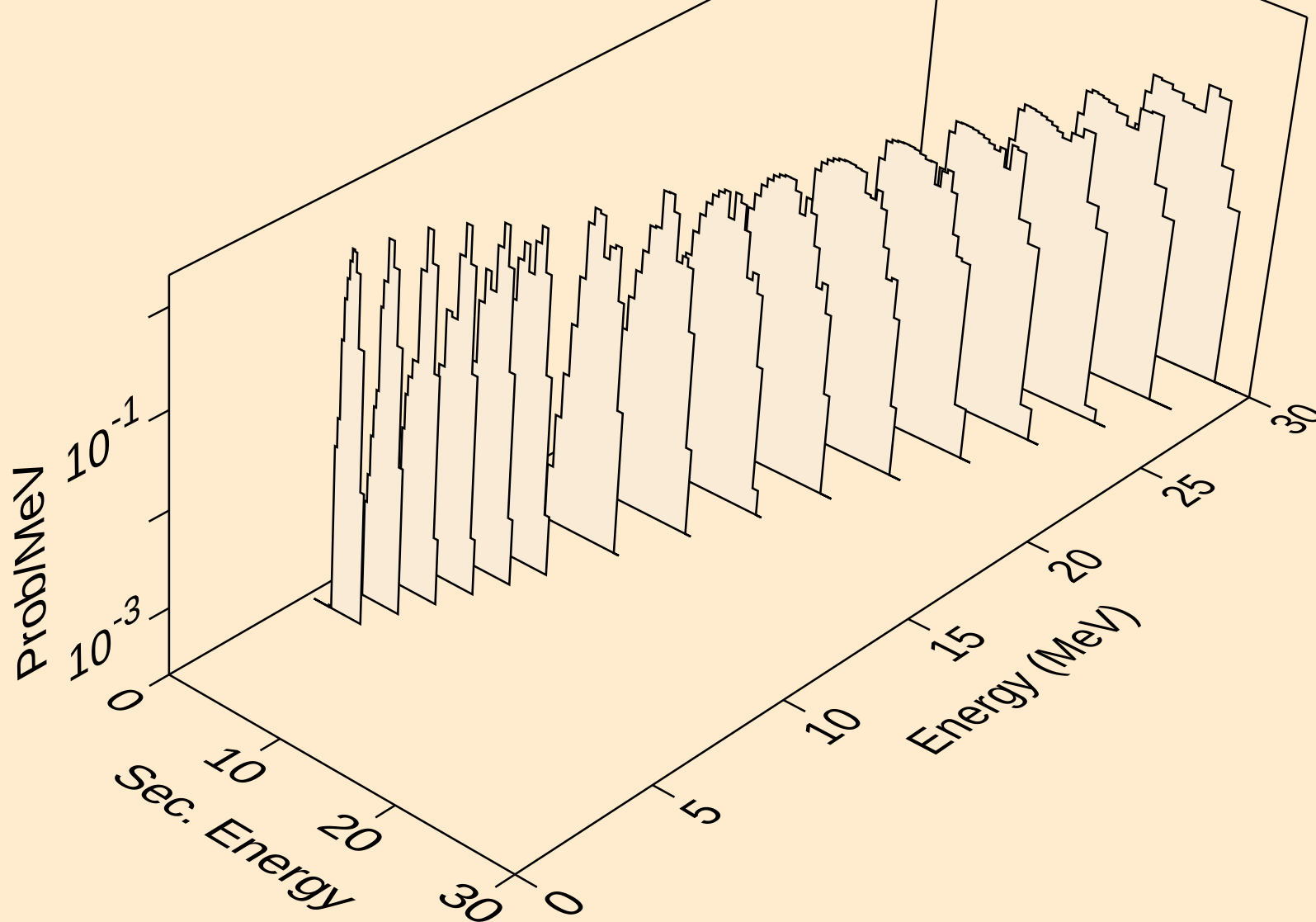
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,x)



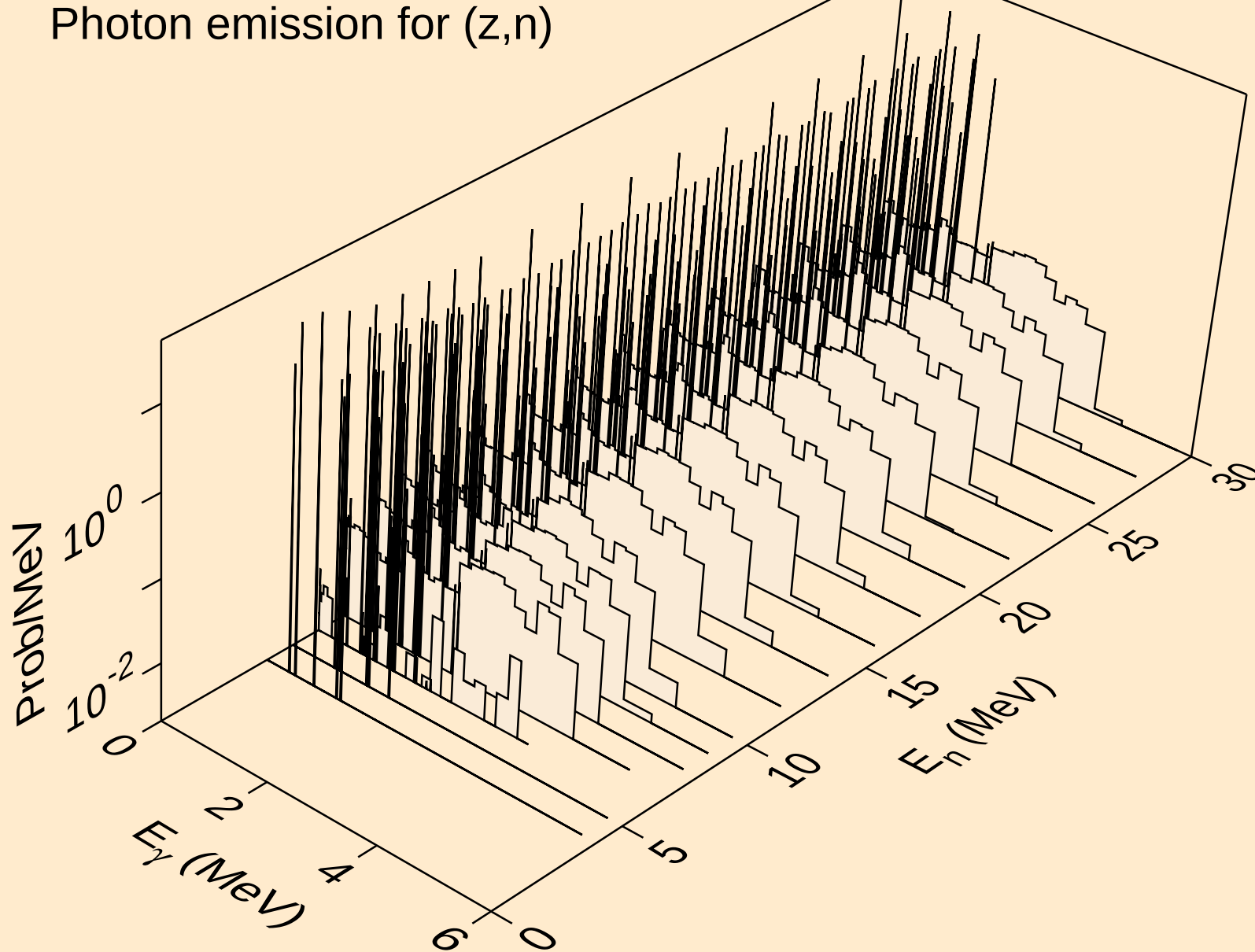
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for inelastic

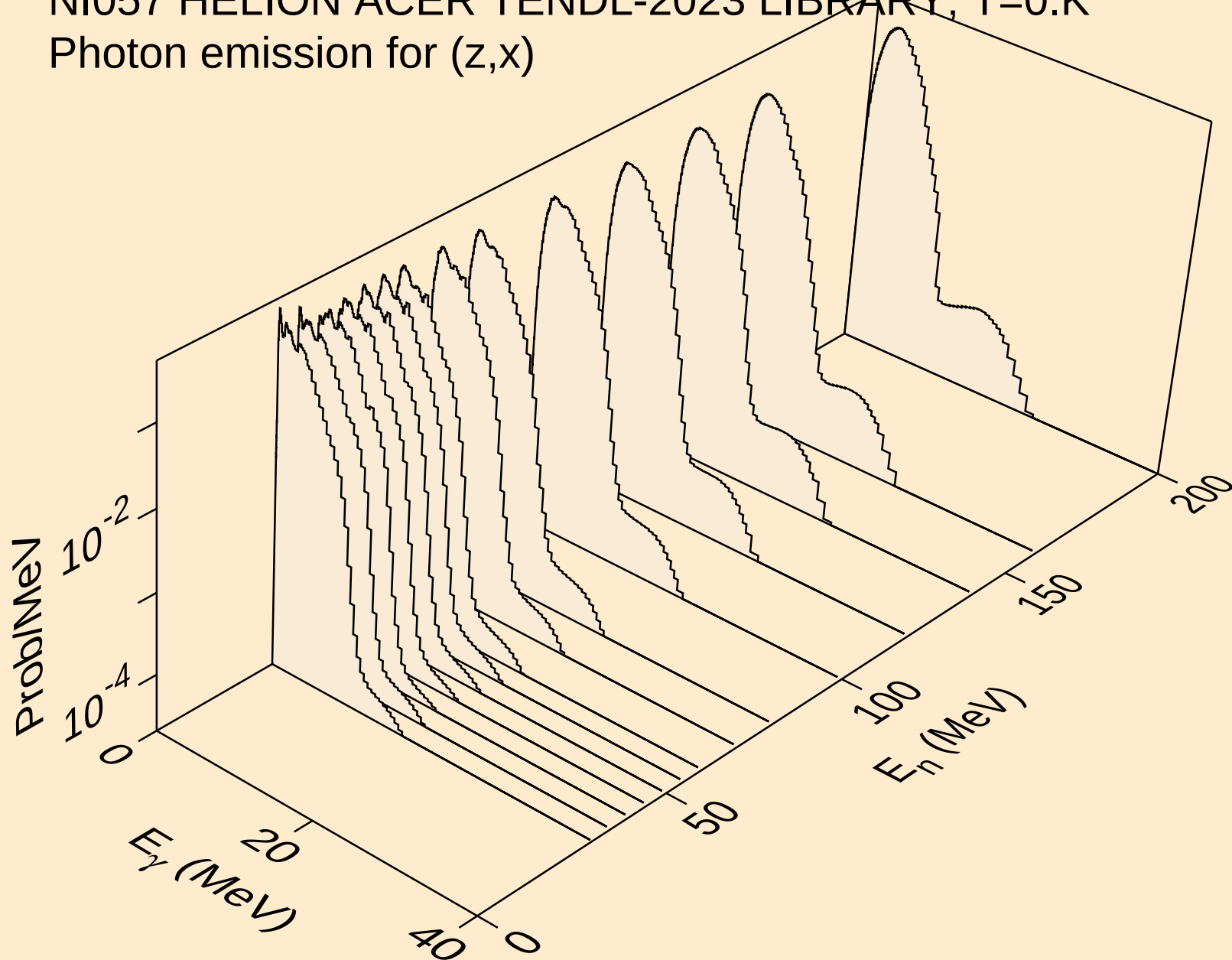


NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

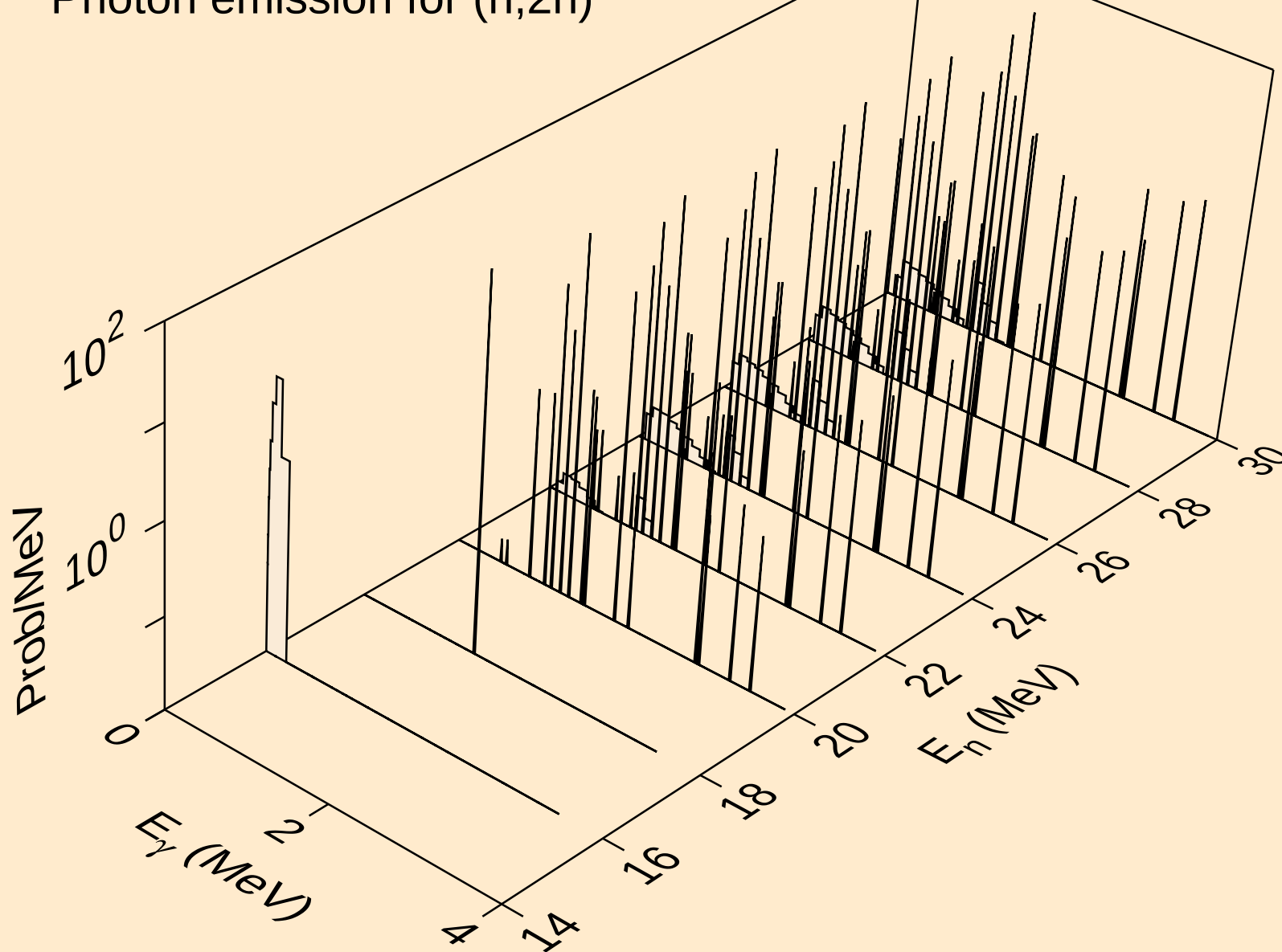


NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K

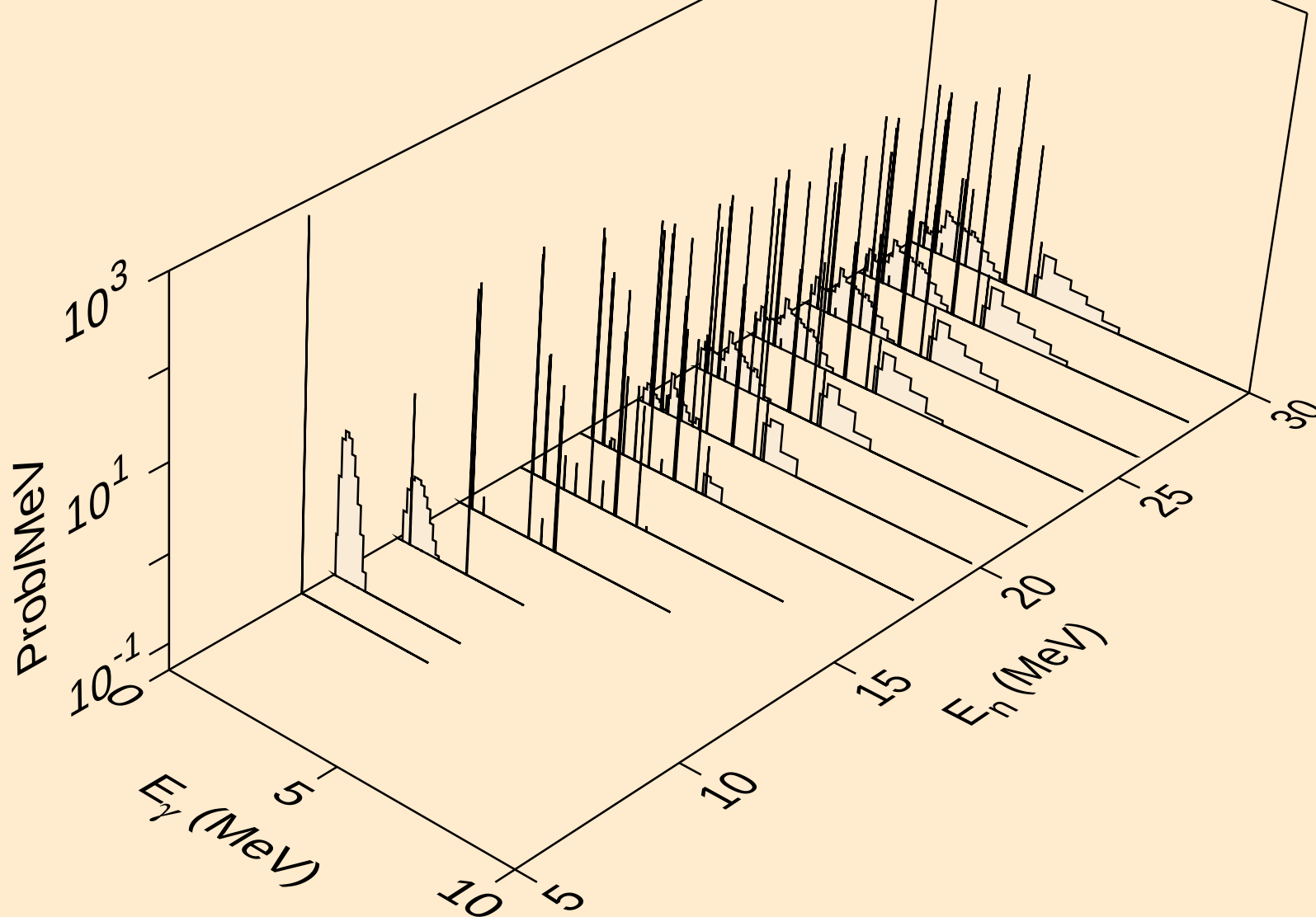
Photon emission for (z,x)



NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

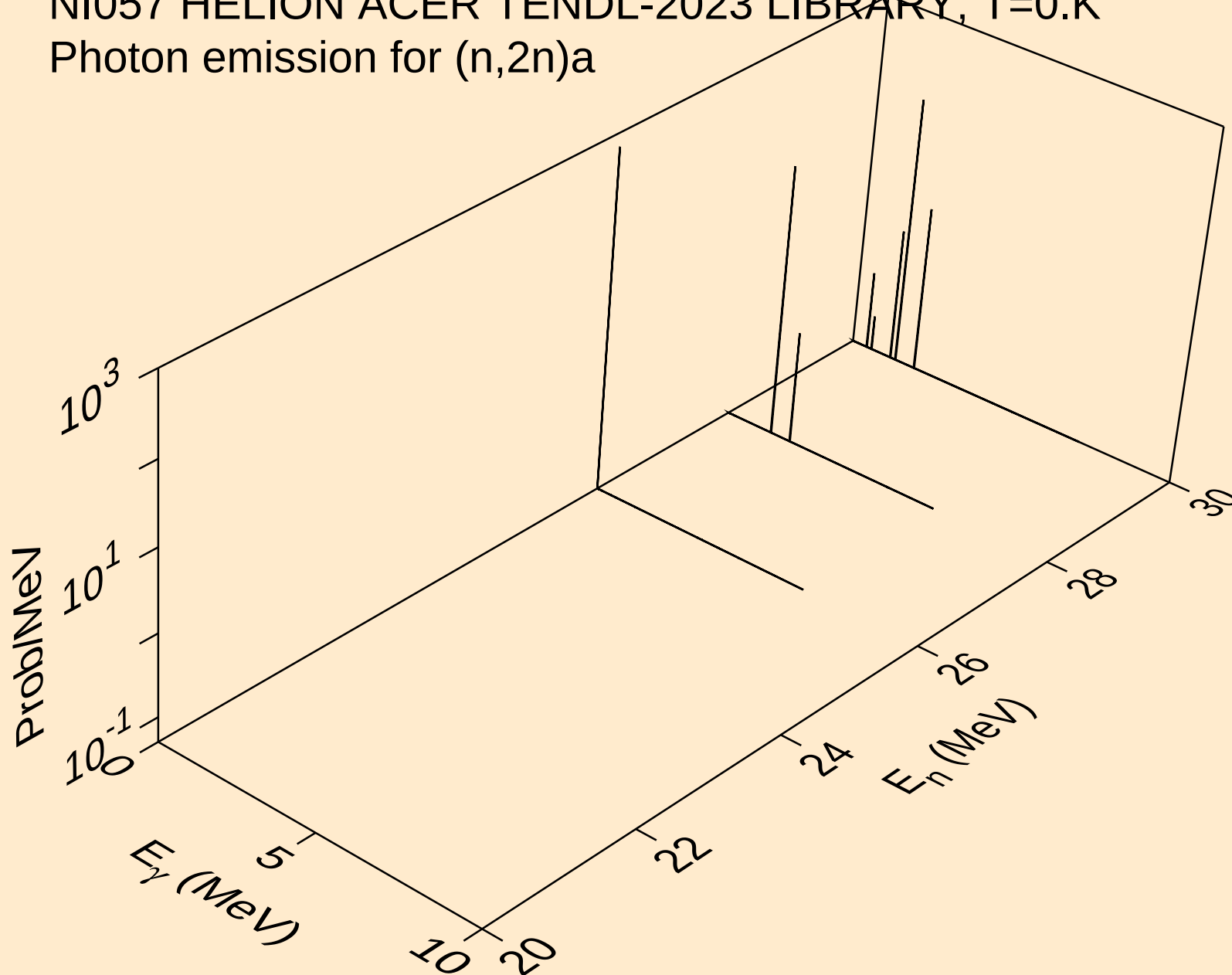


NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



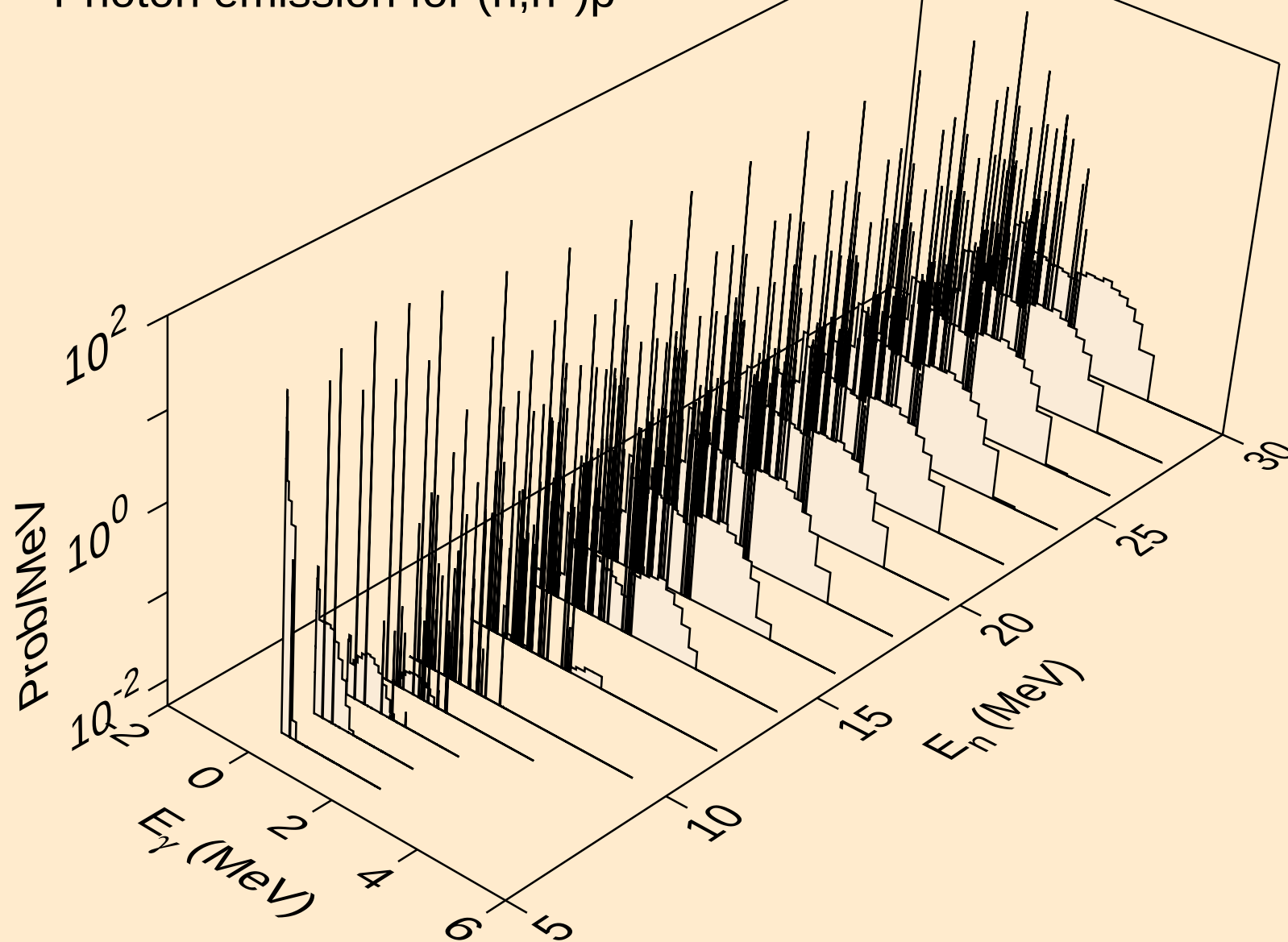
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



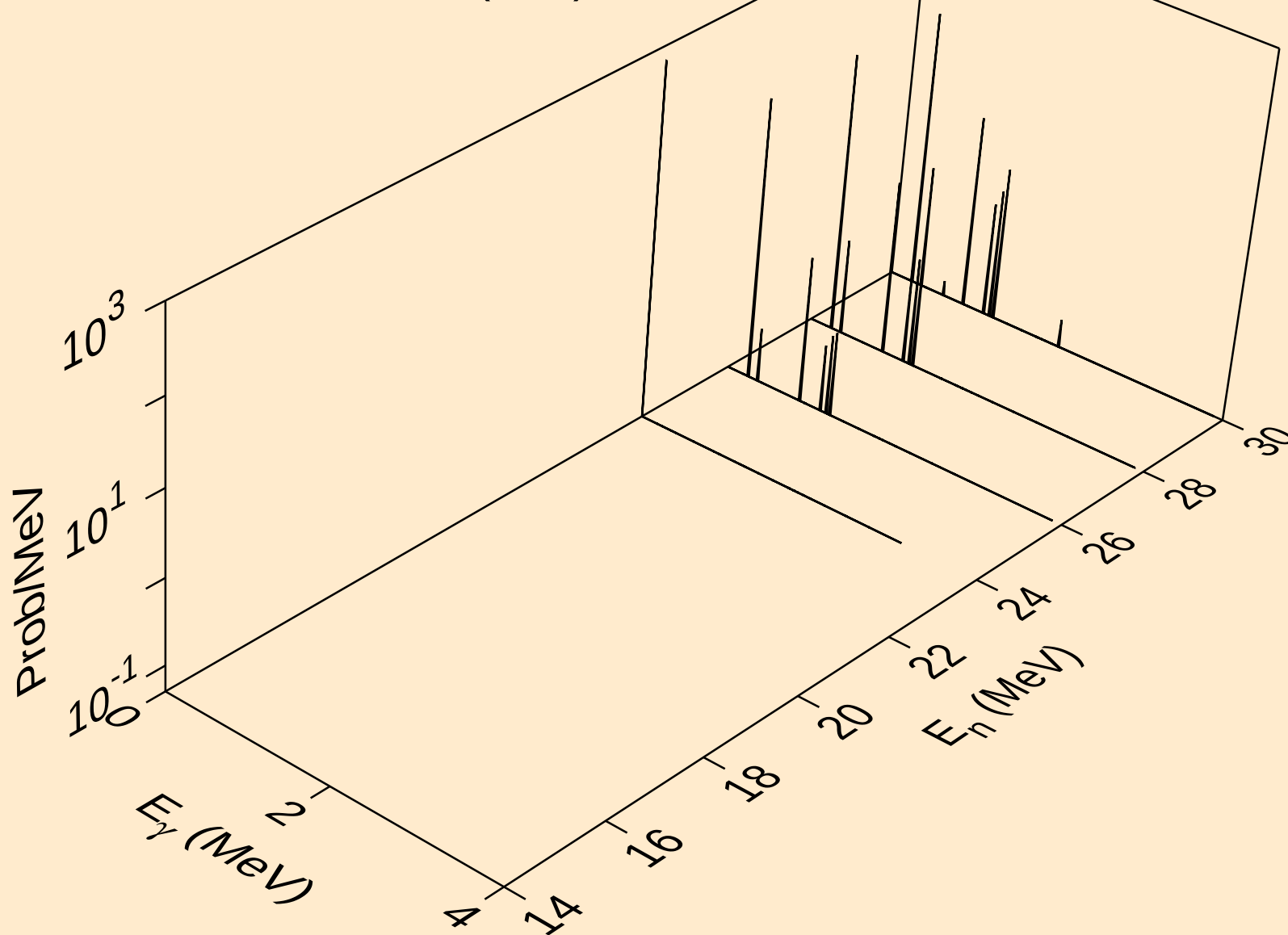
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



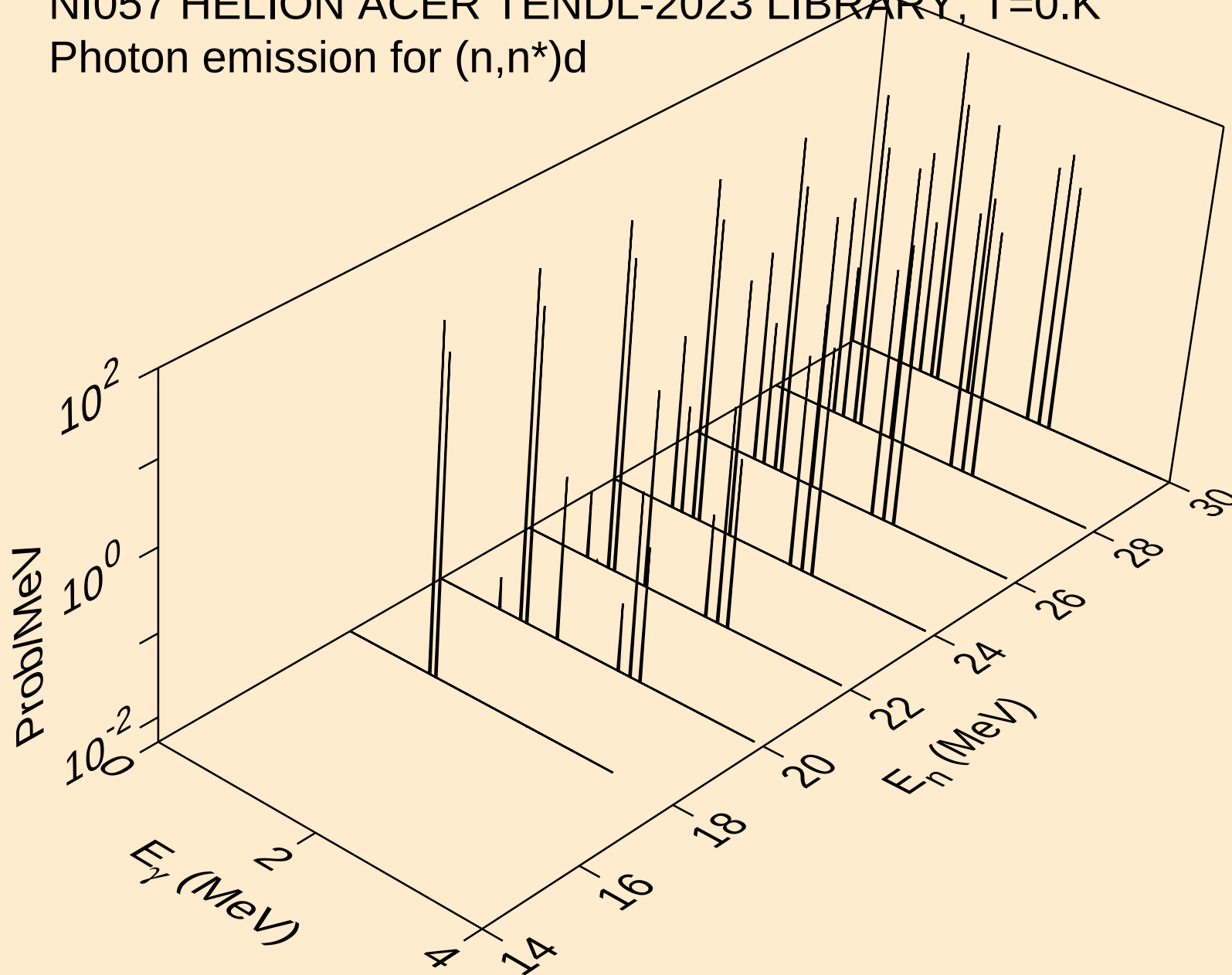
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Photon emission for (n,n*)2a



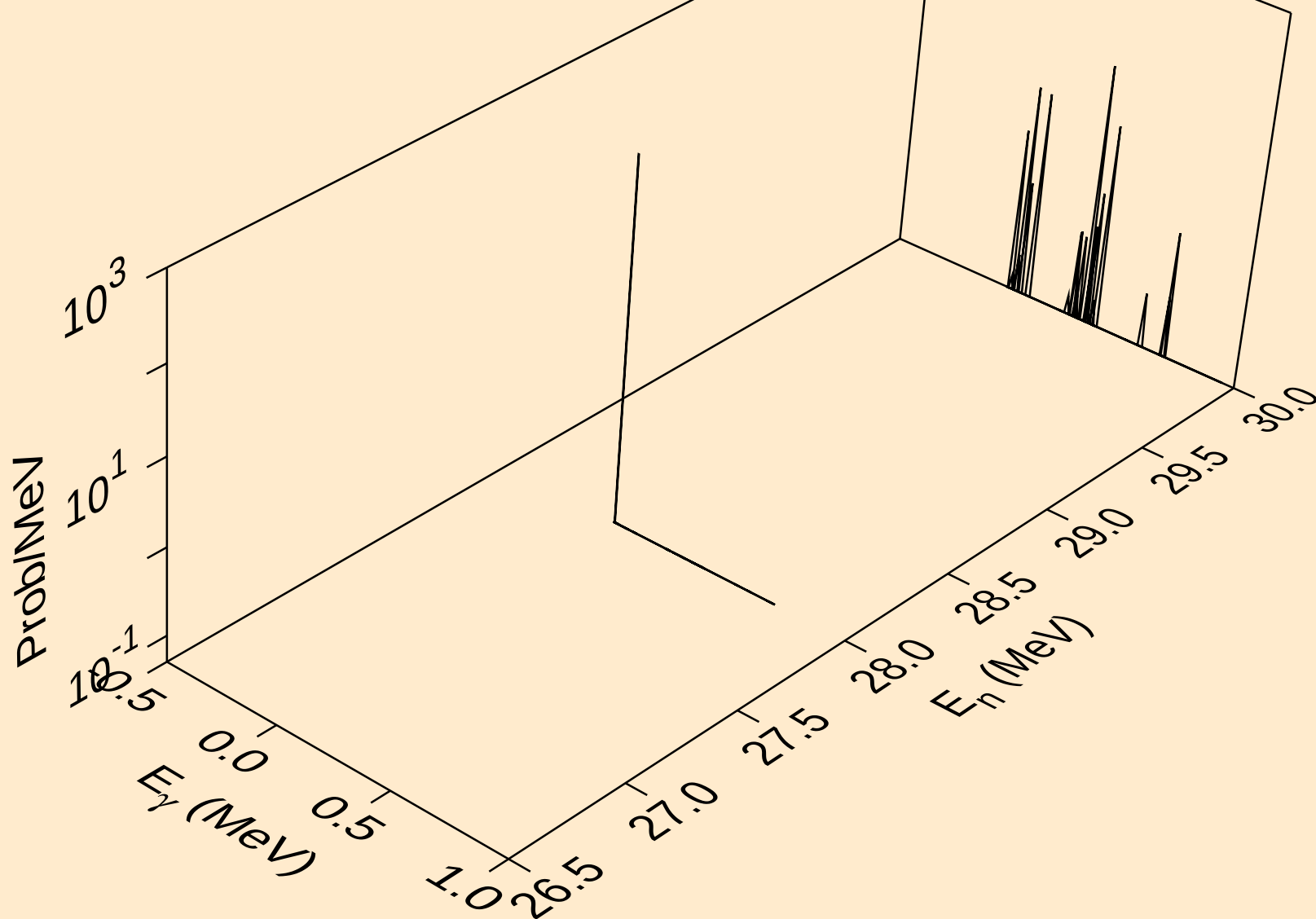
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Photon emission for (n,n*)d

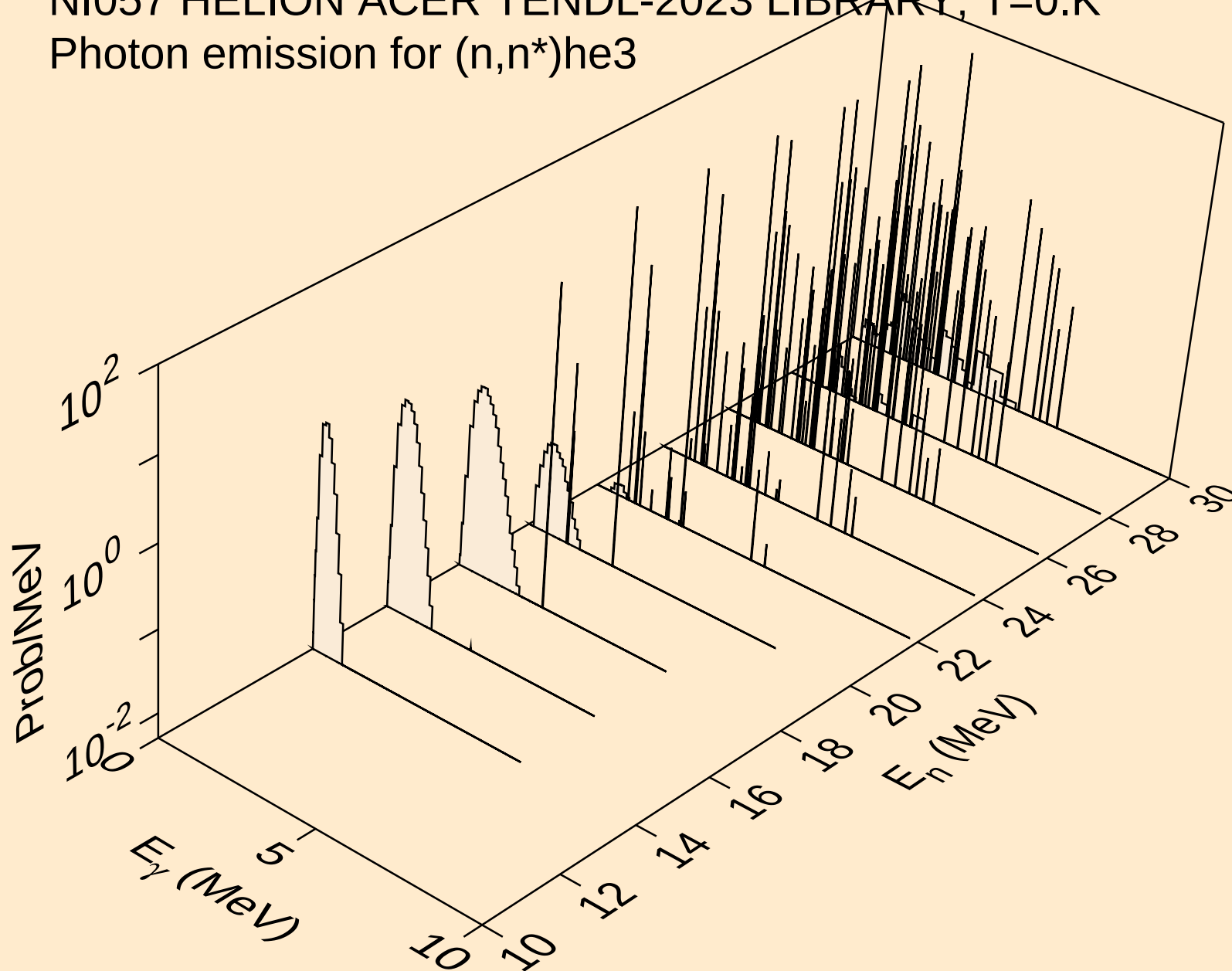


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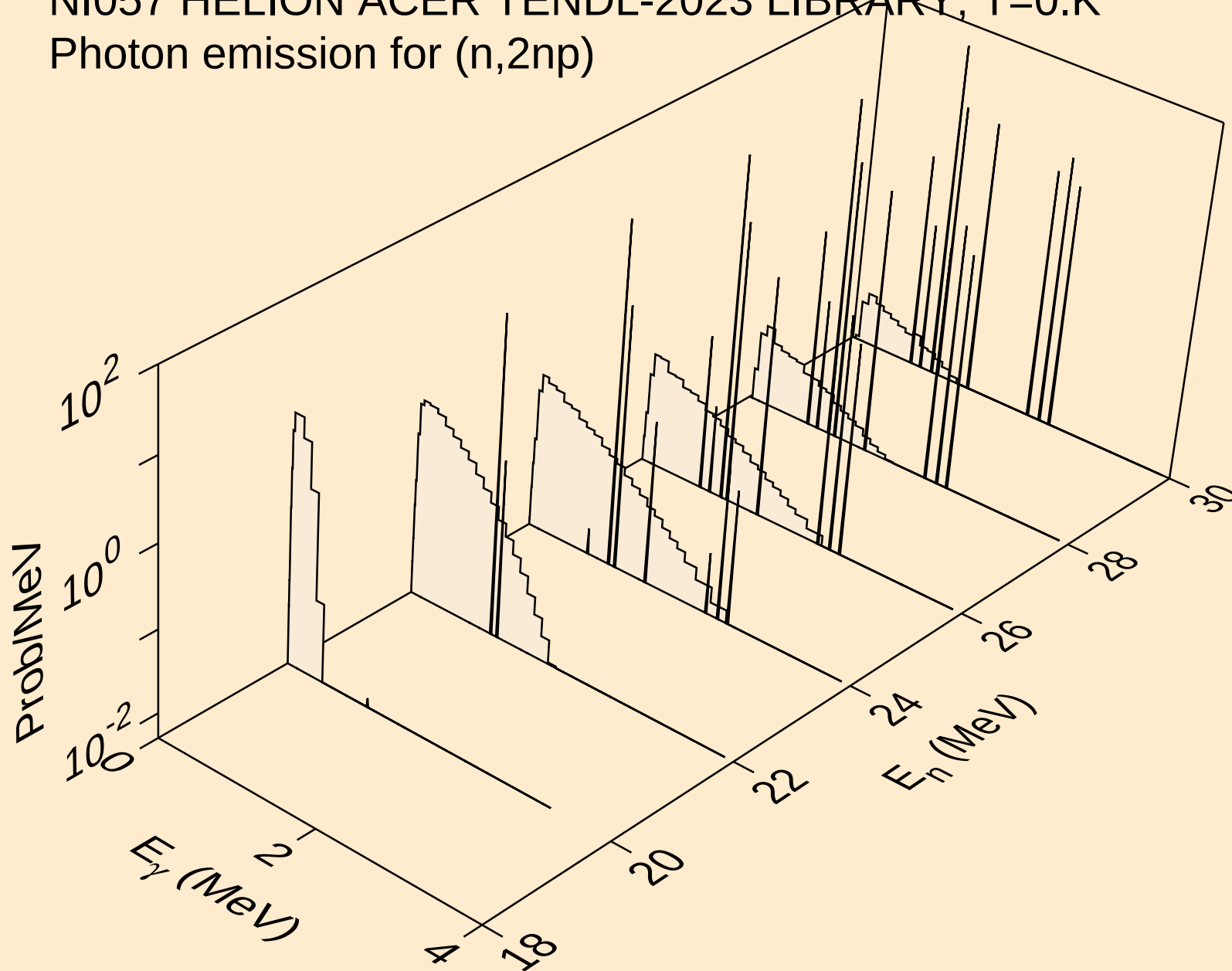
Photon emission for (n,n*)t



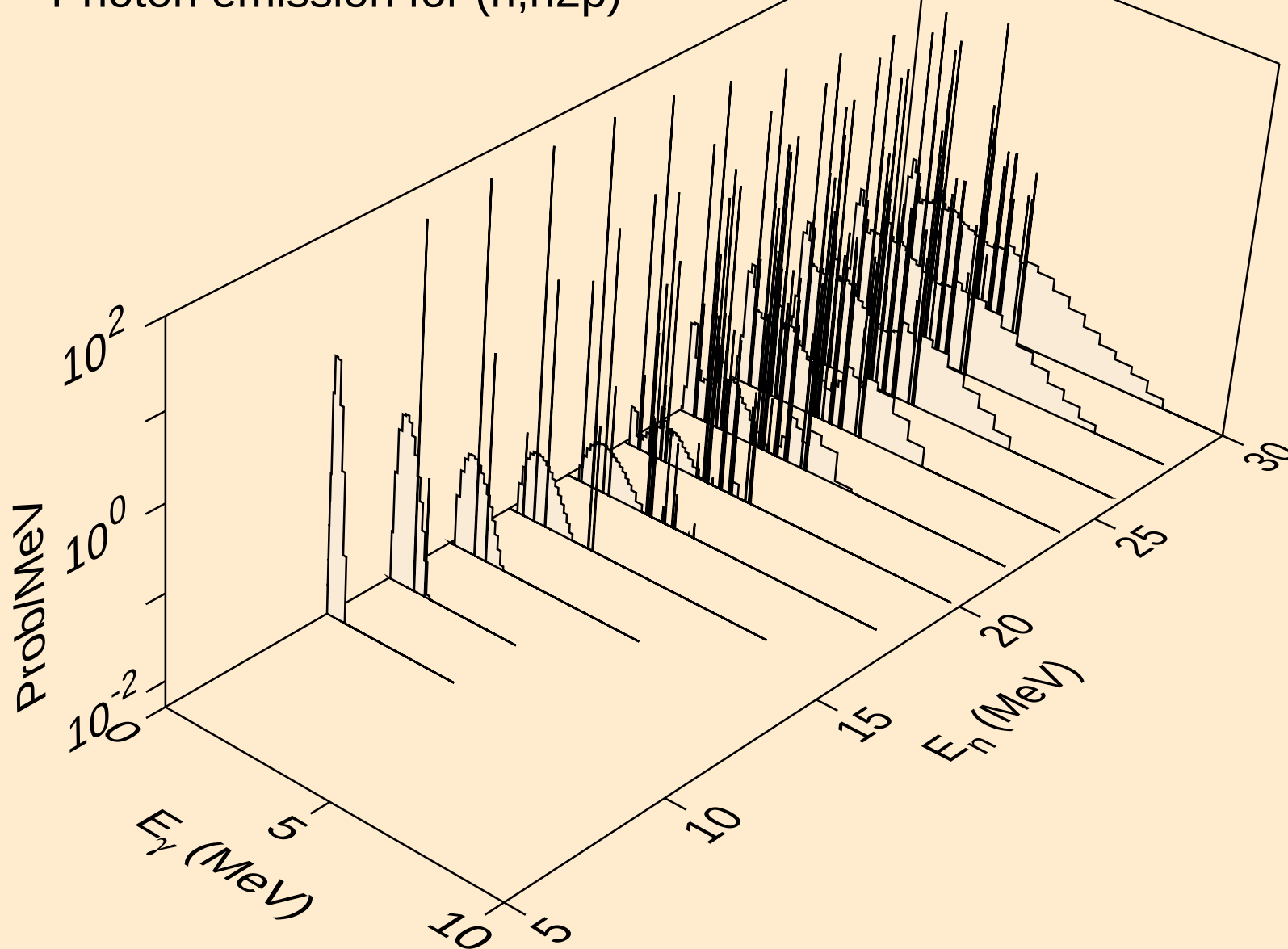
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



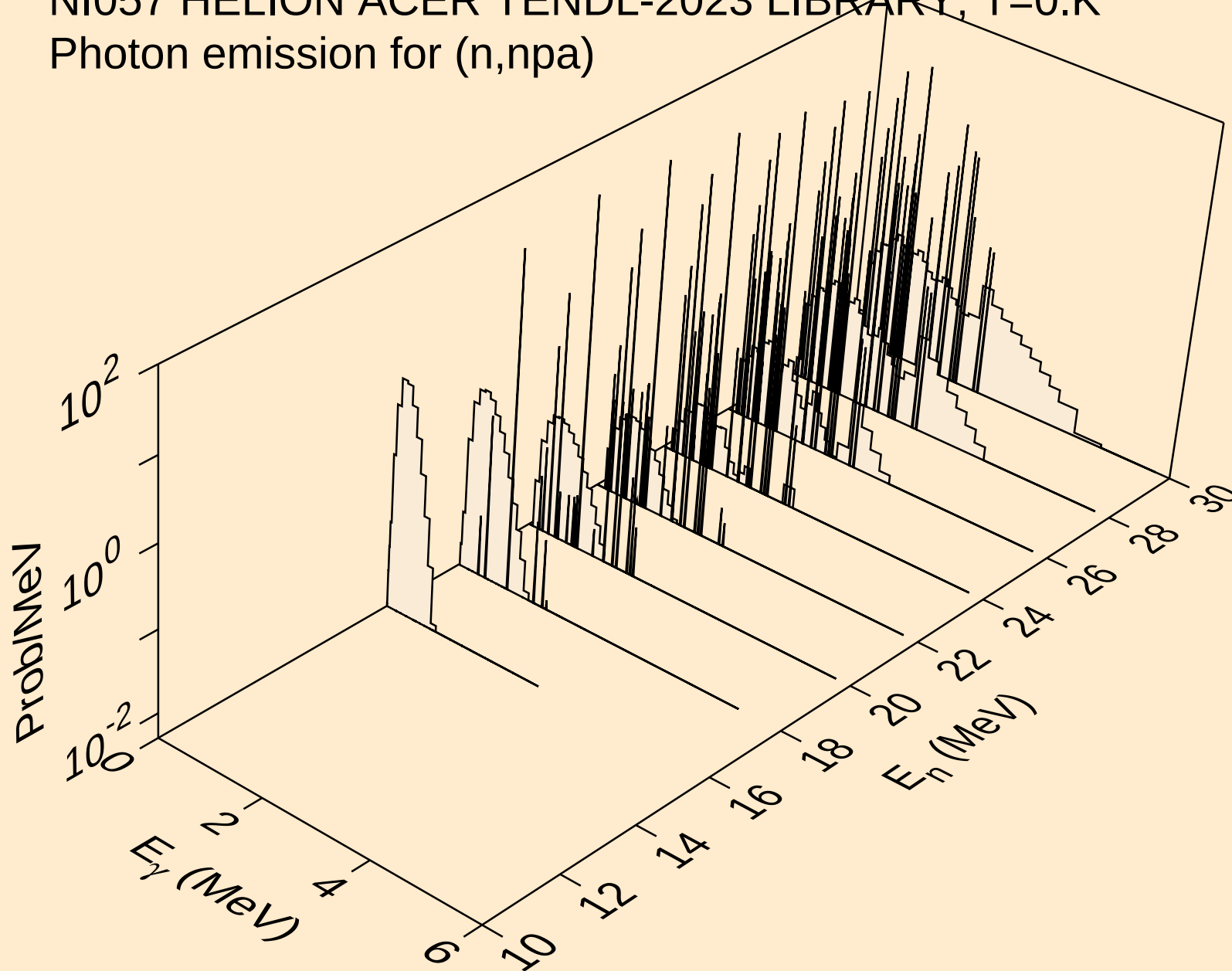
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



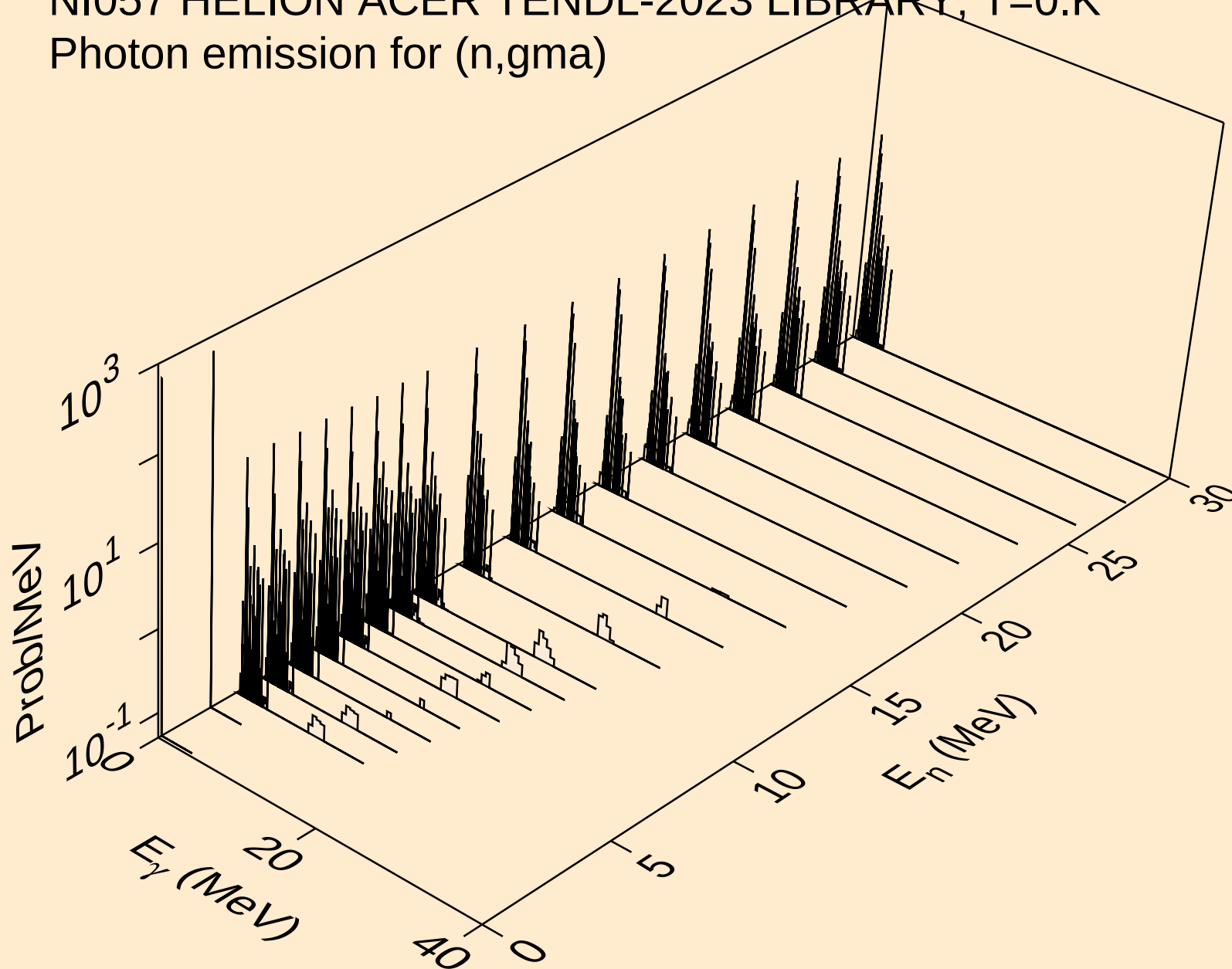
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



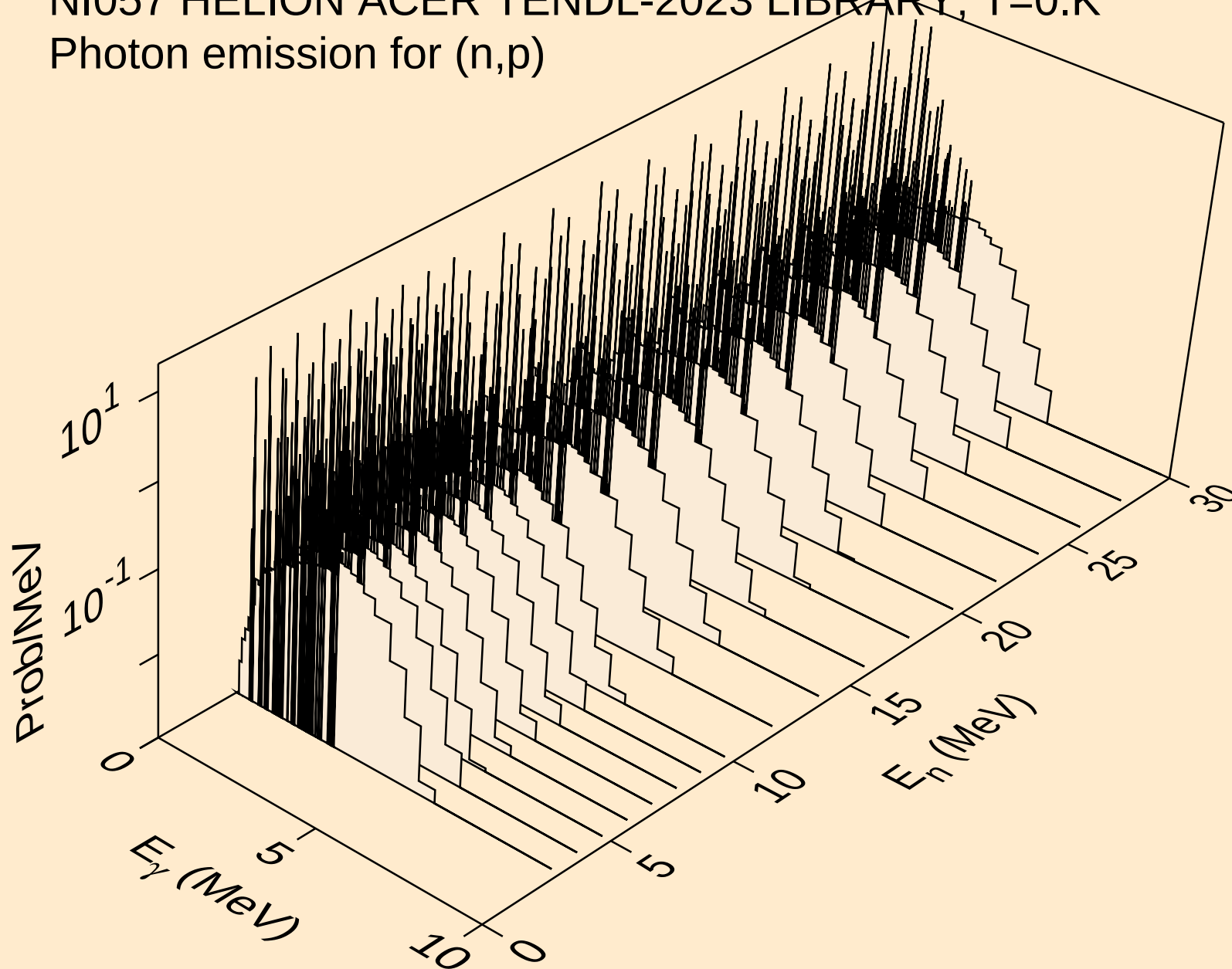
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Photon emission for (n,npa)



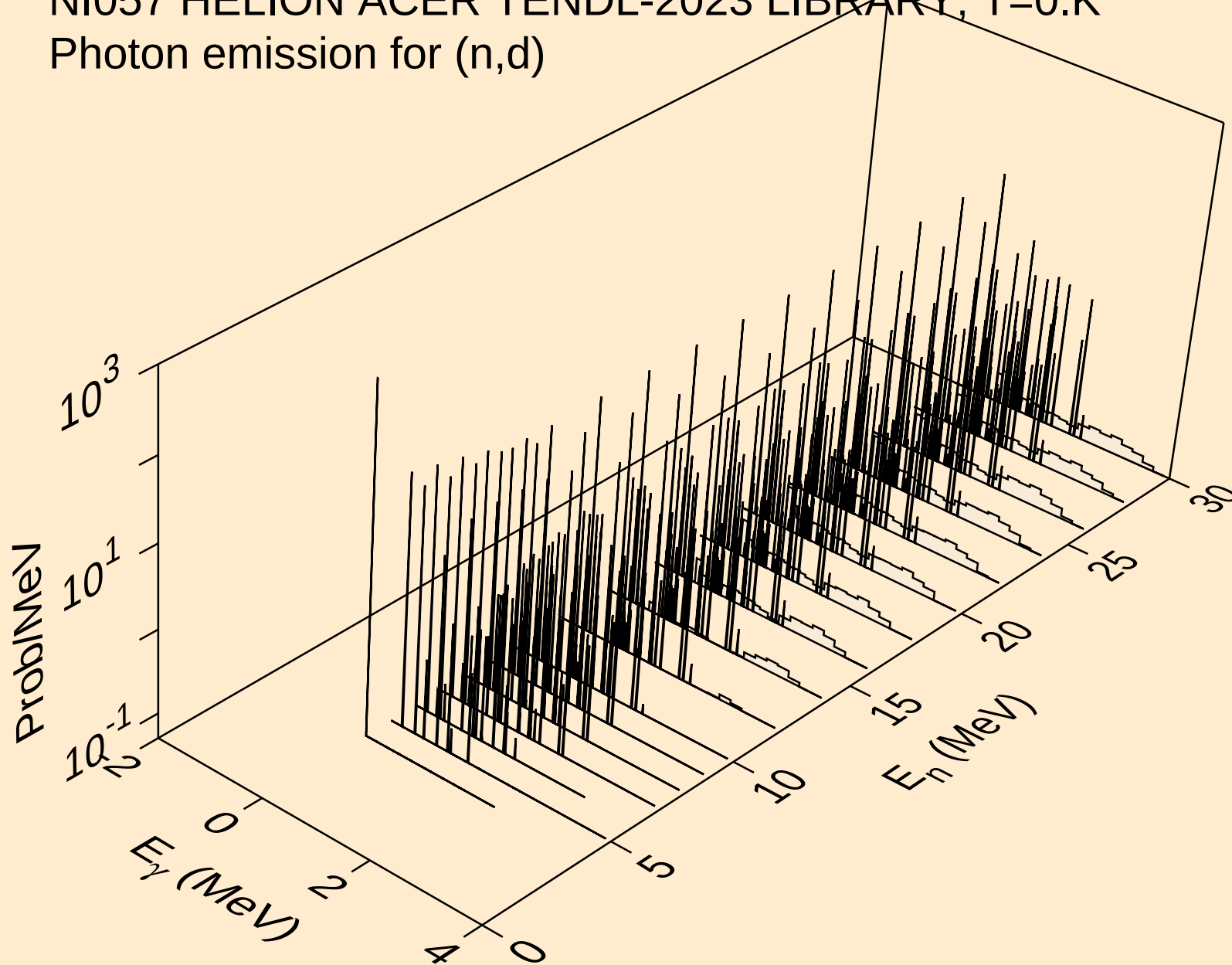
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Photon emission for (n,gma)



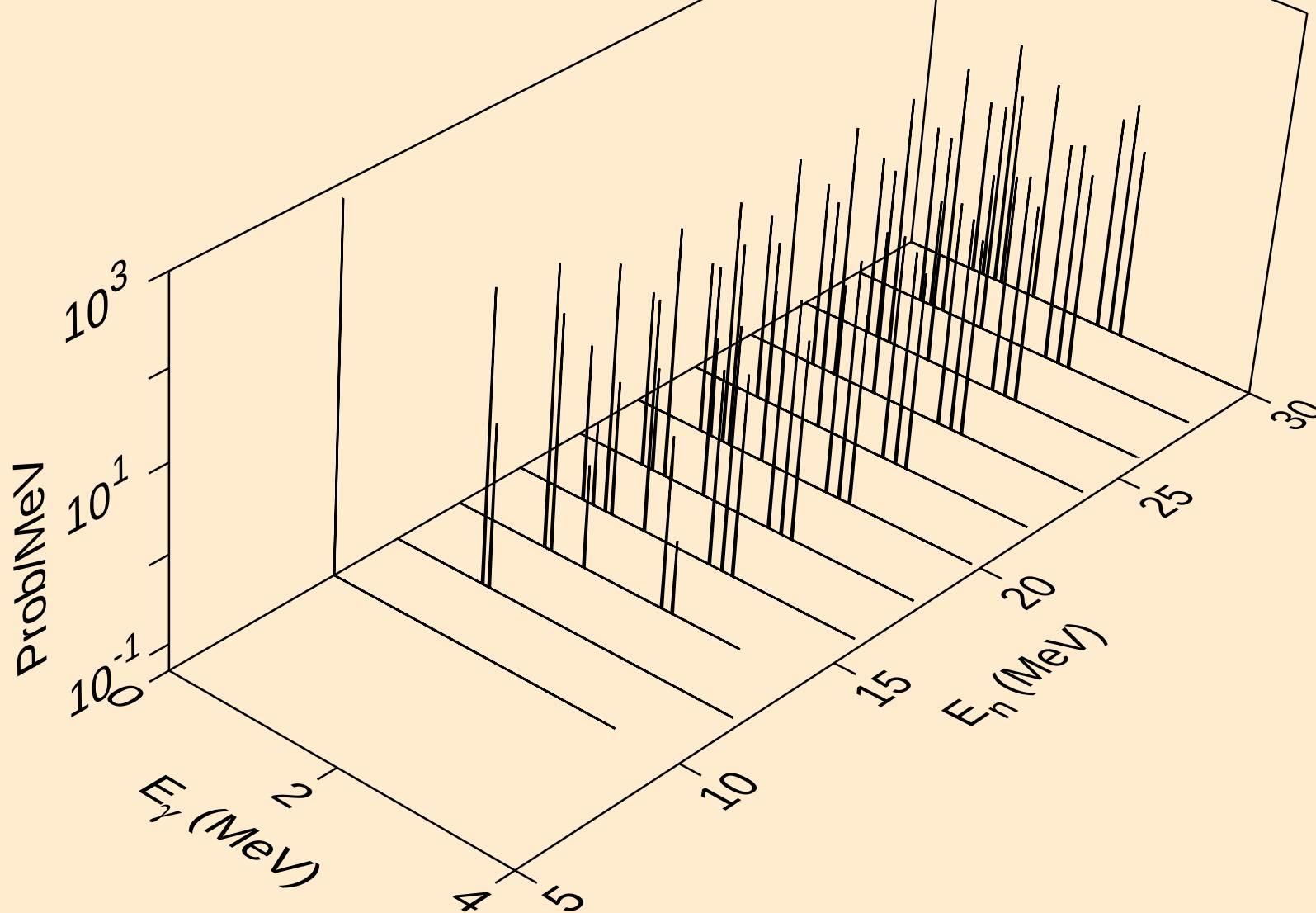
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Photon emission for (n,p)



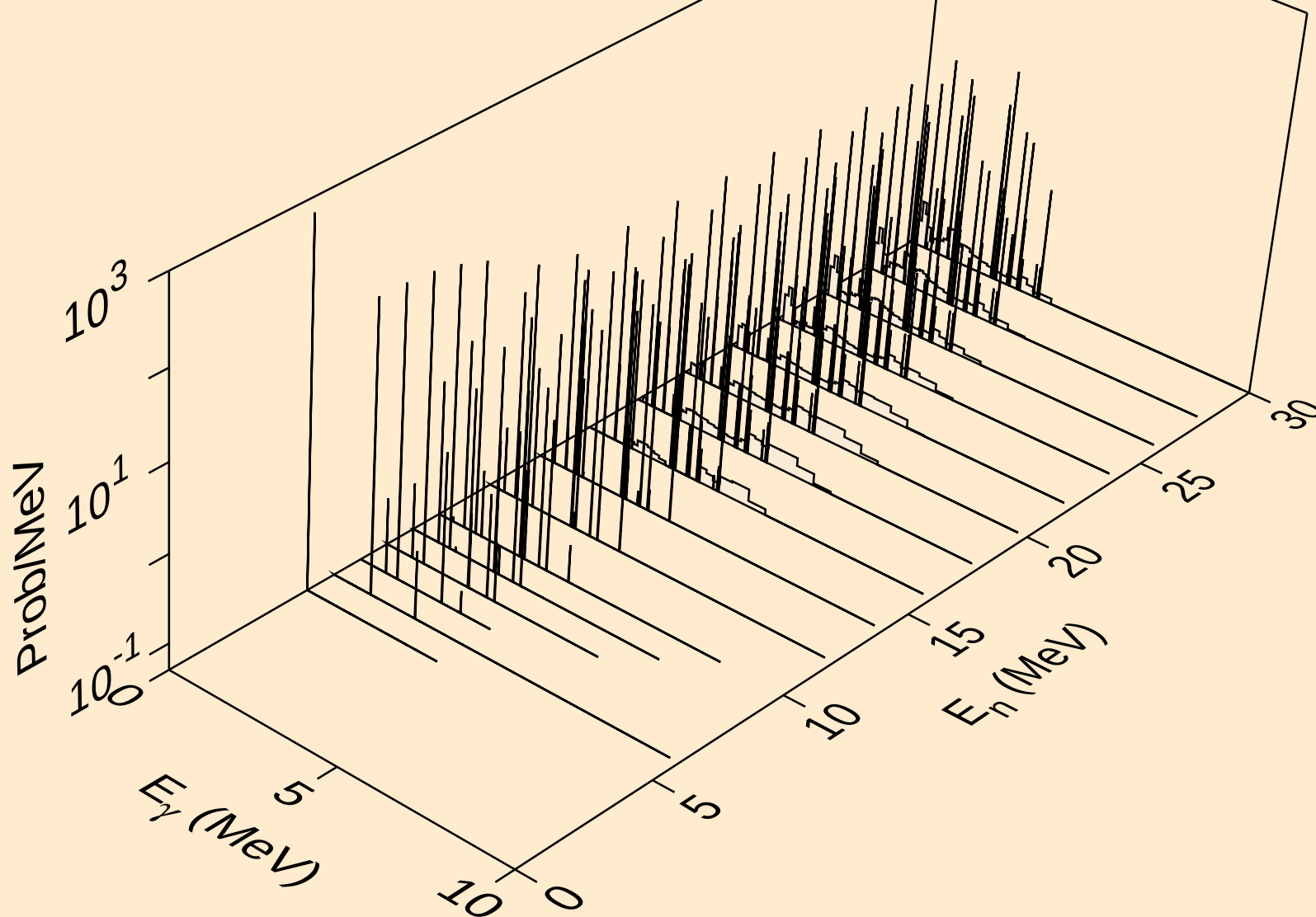
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Photon emission for (n,d)



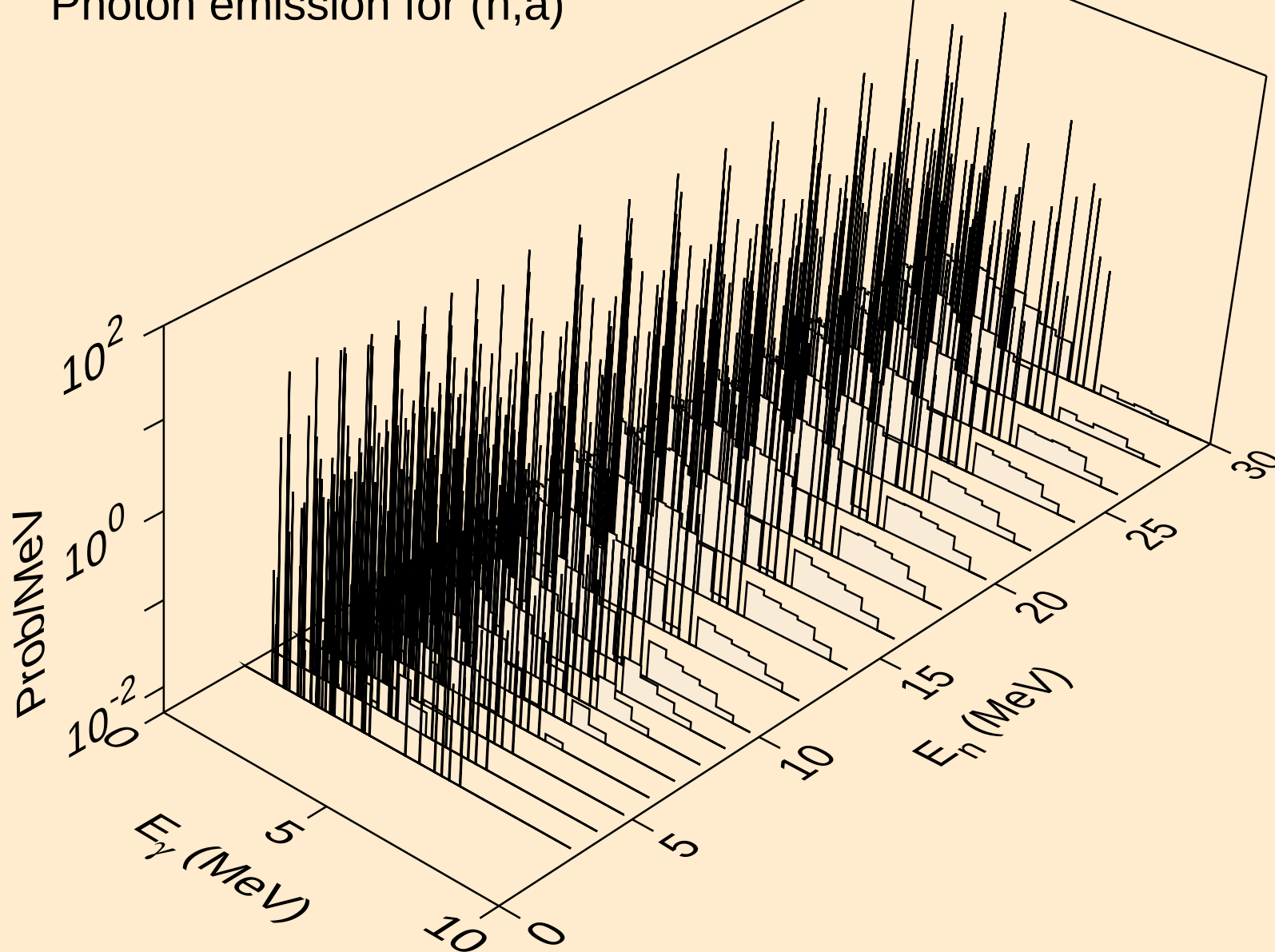
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Photon emission for (n,t)



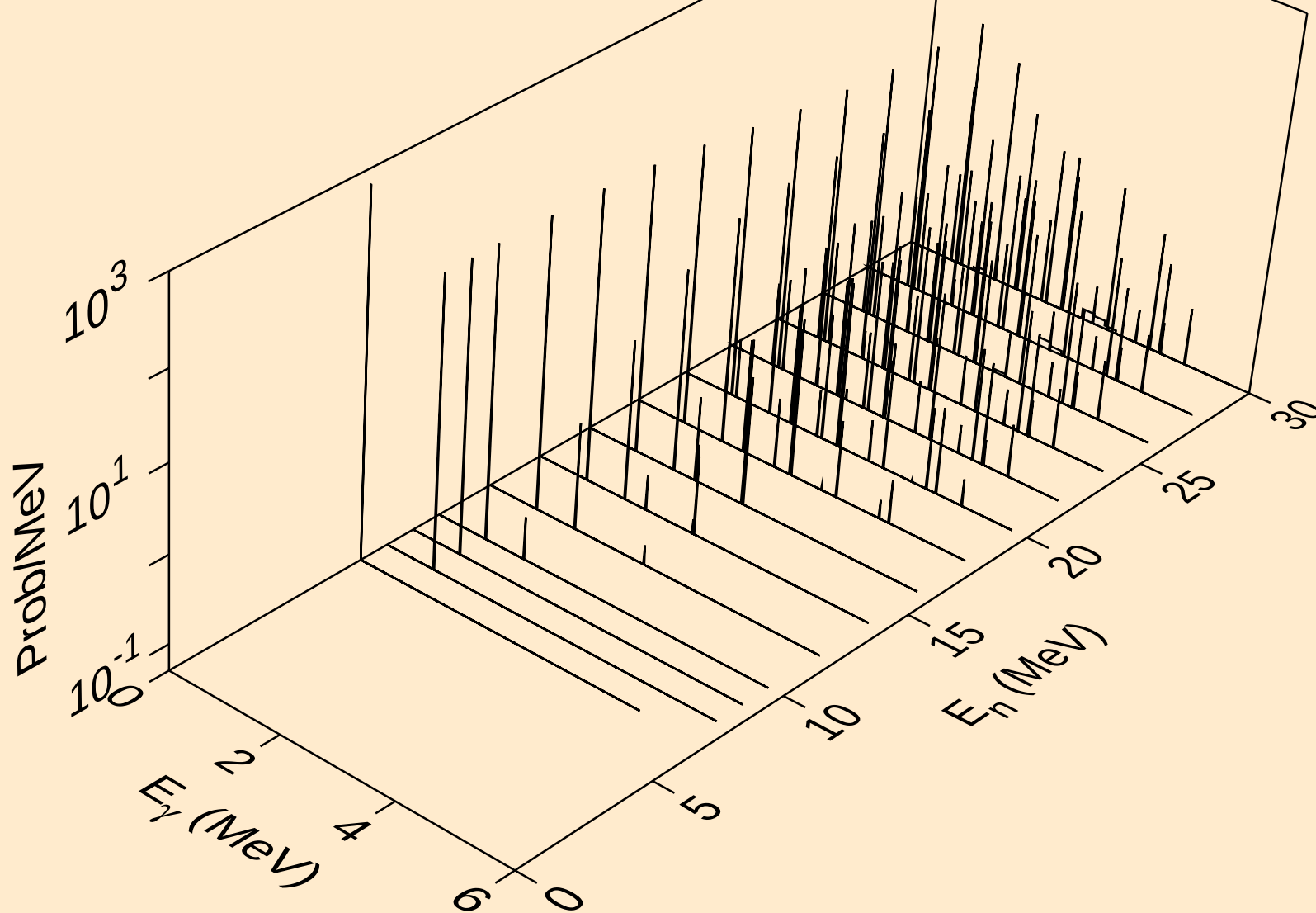
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



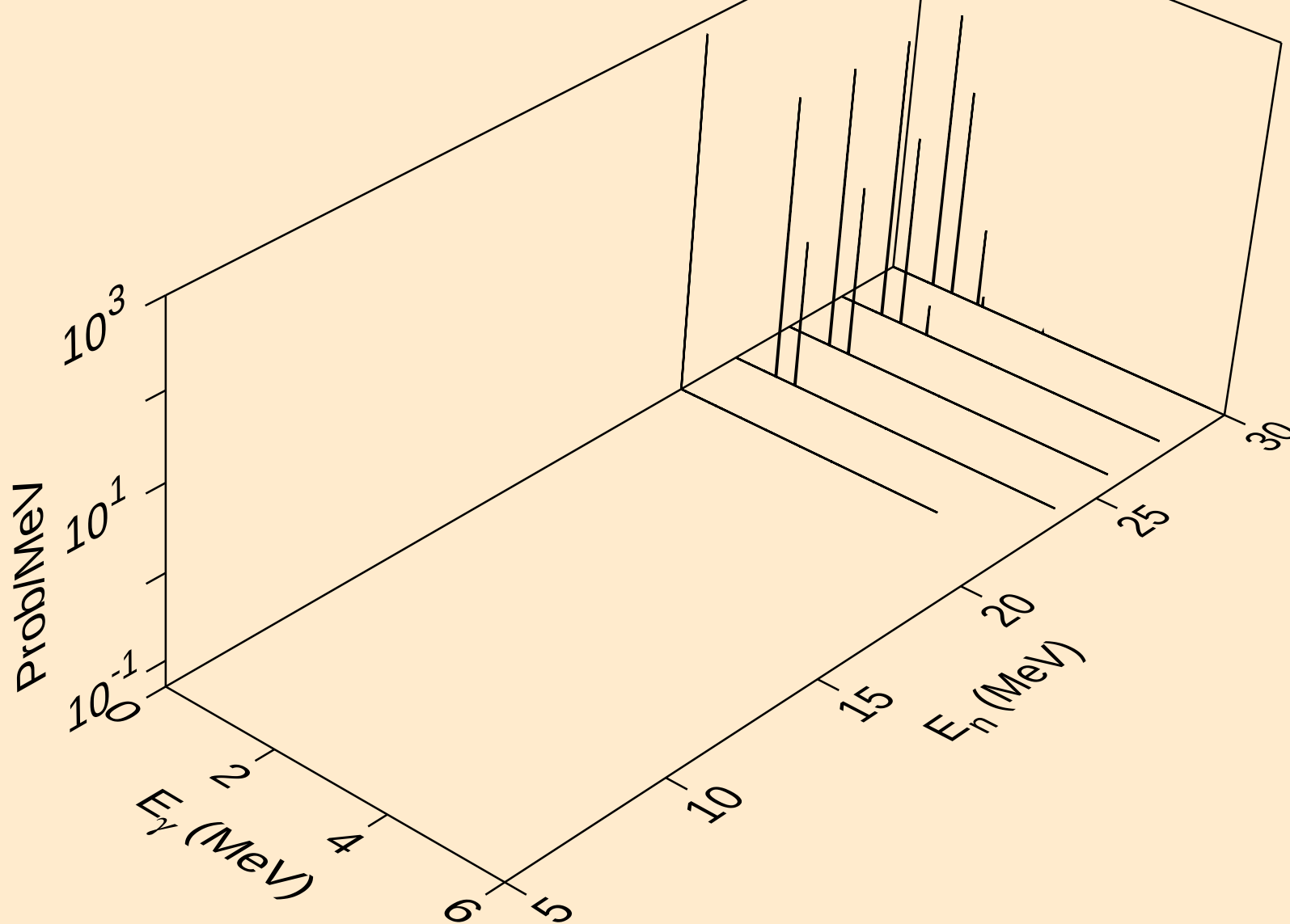
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Photon emission for (n,a)



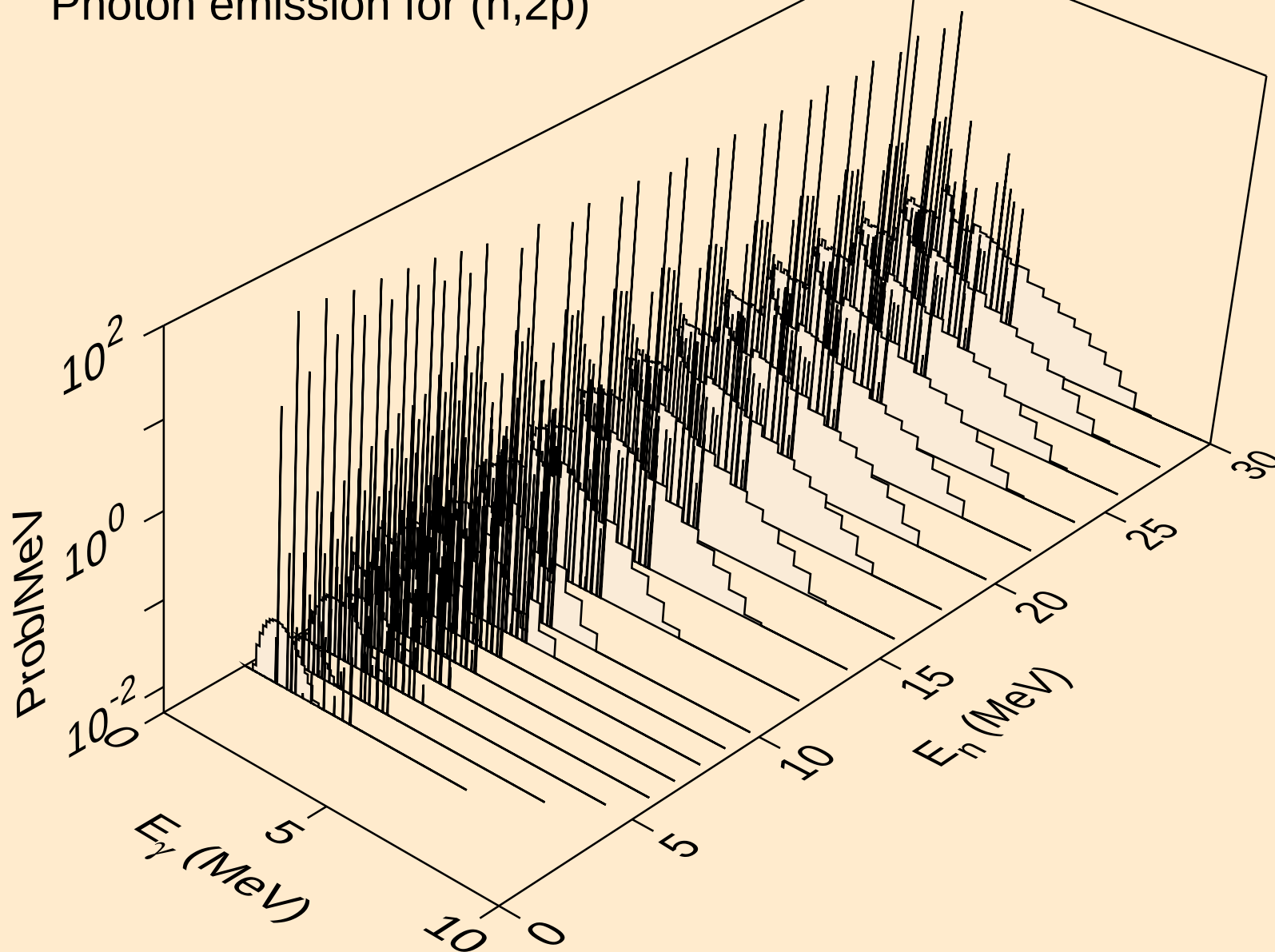
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Photon emission for (n,2a)



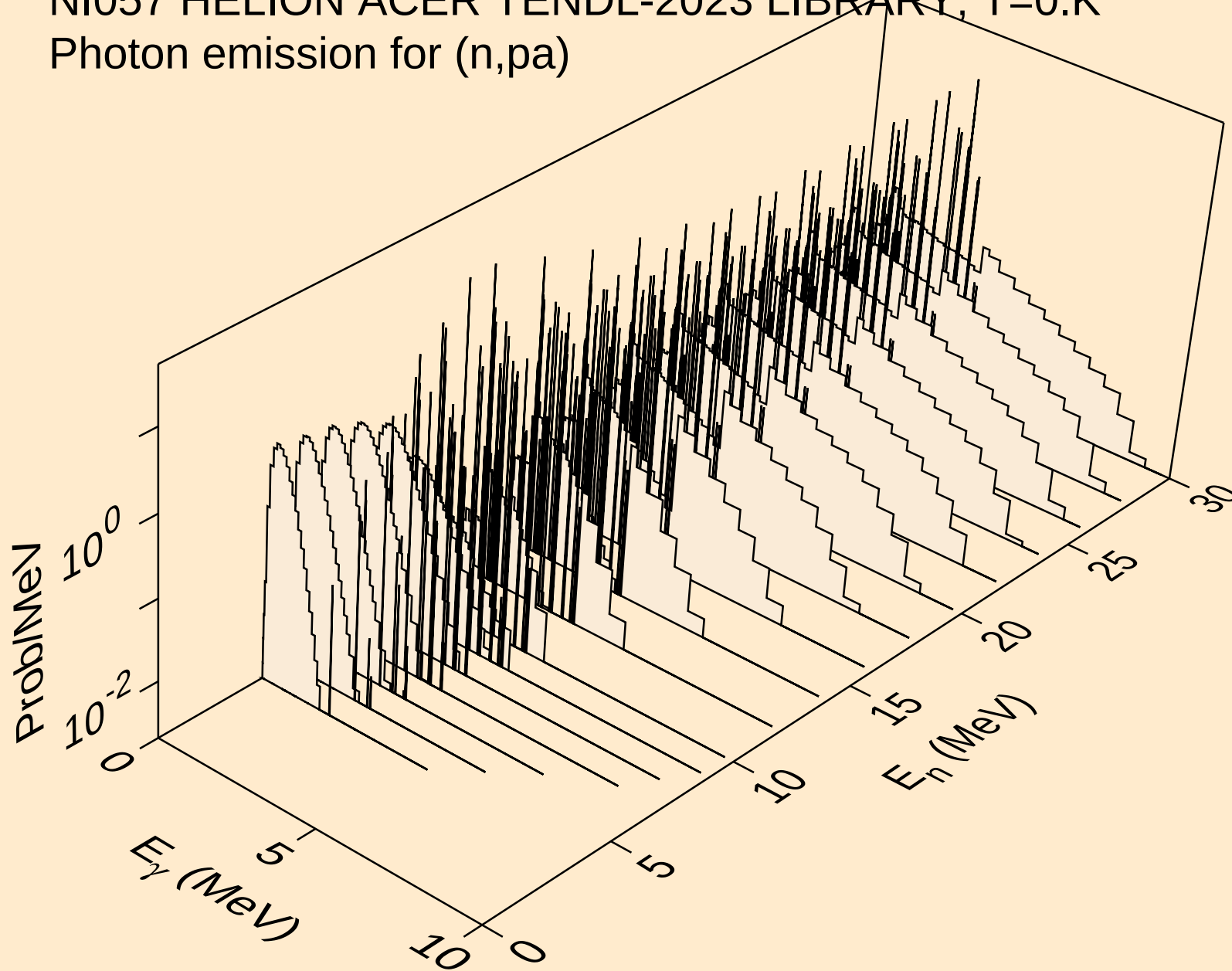
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Photon emission for (n,3a)



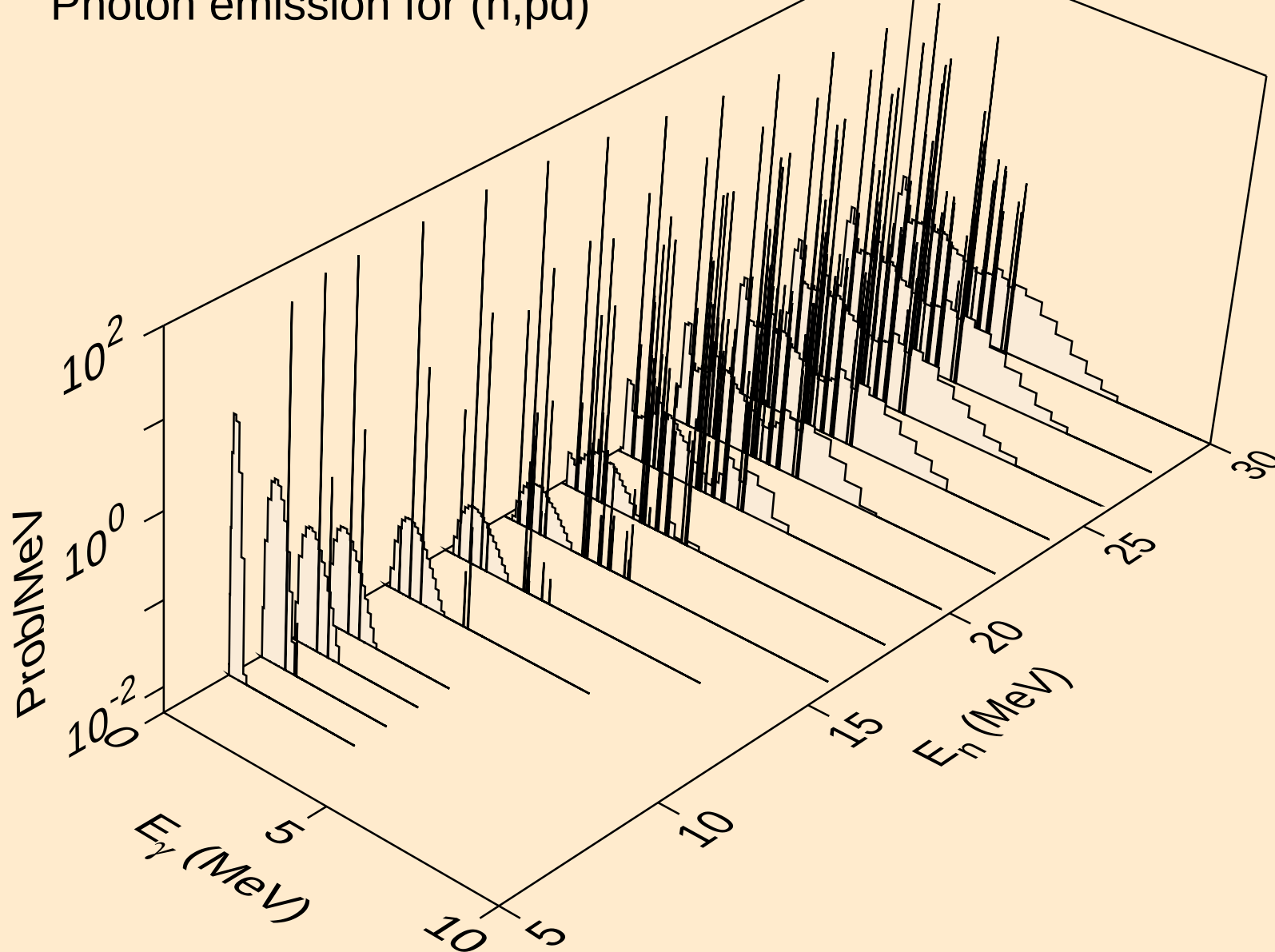
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)

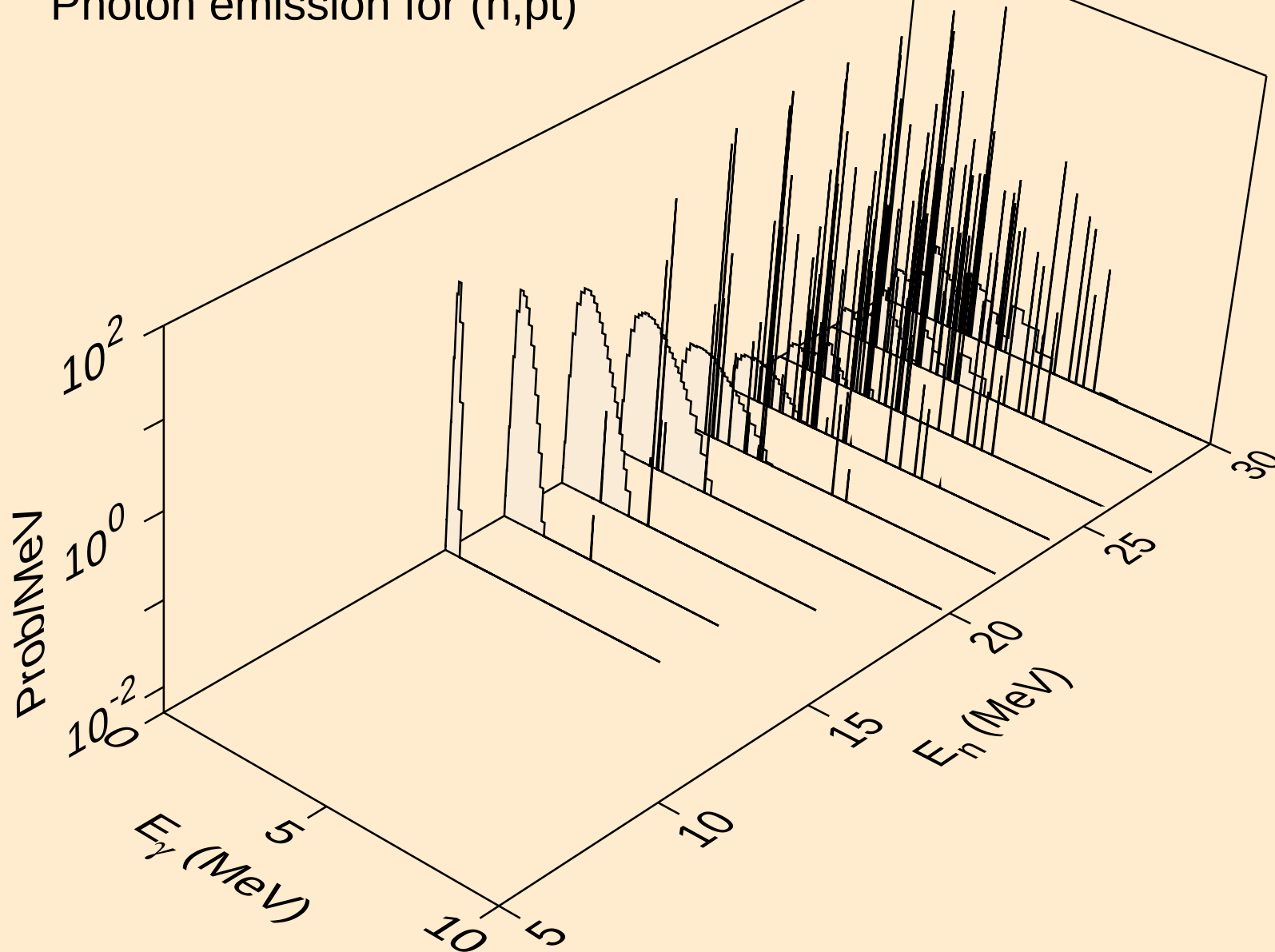


NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

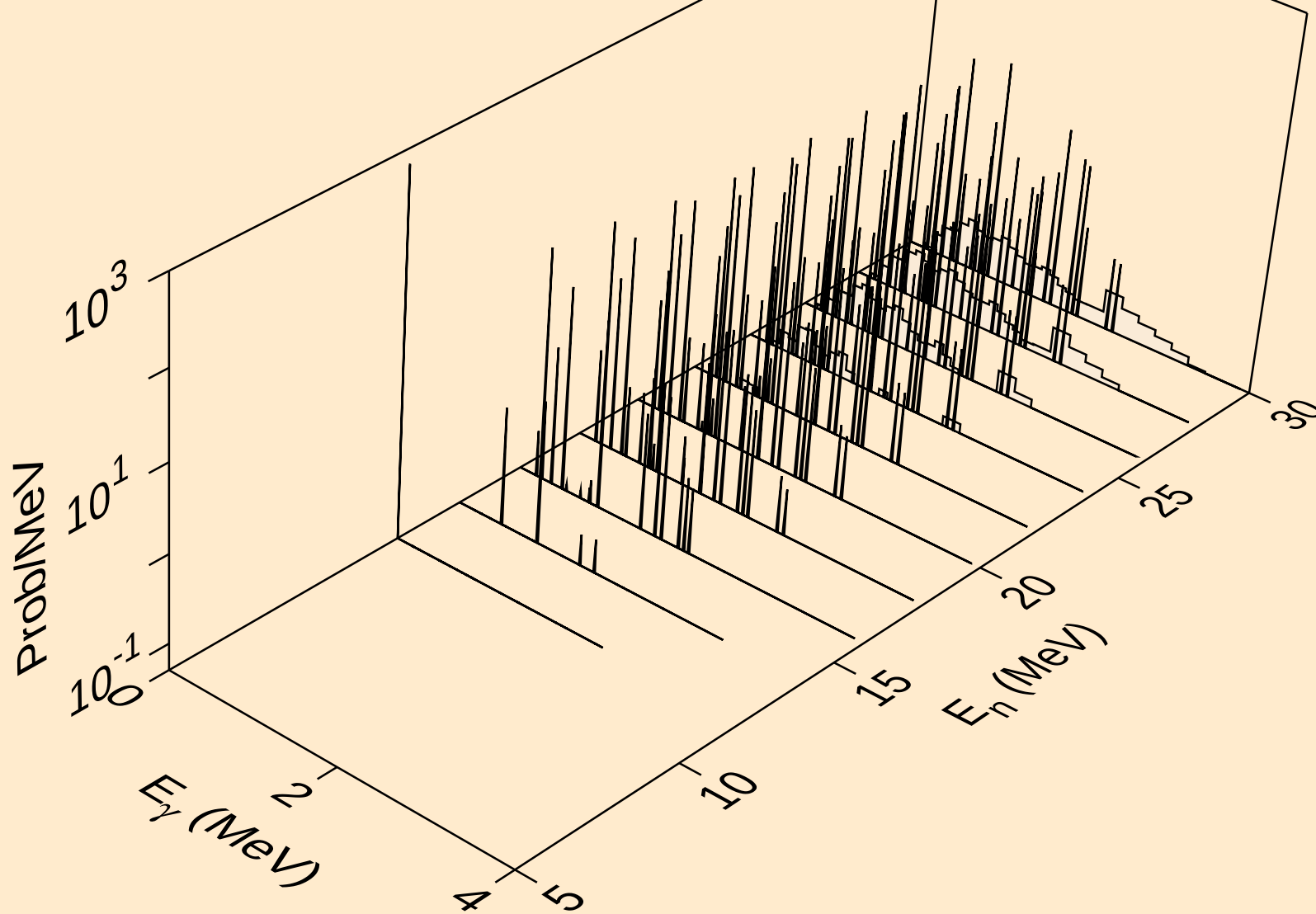


NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

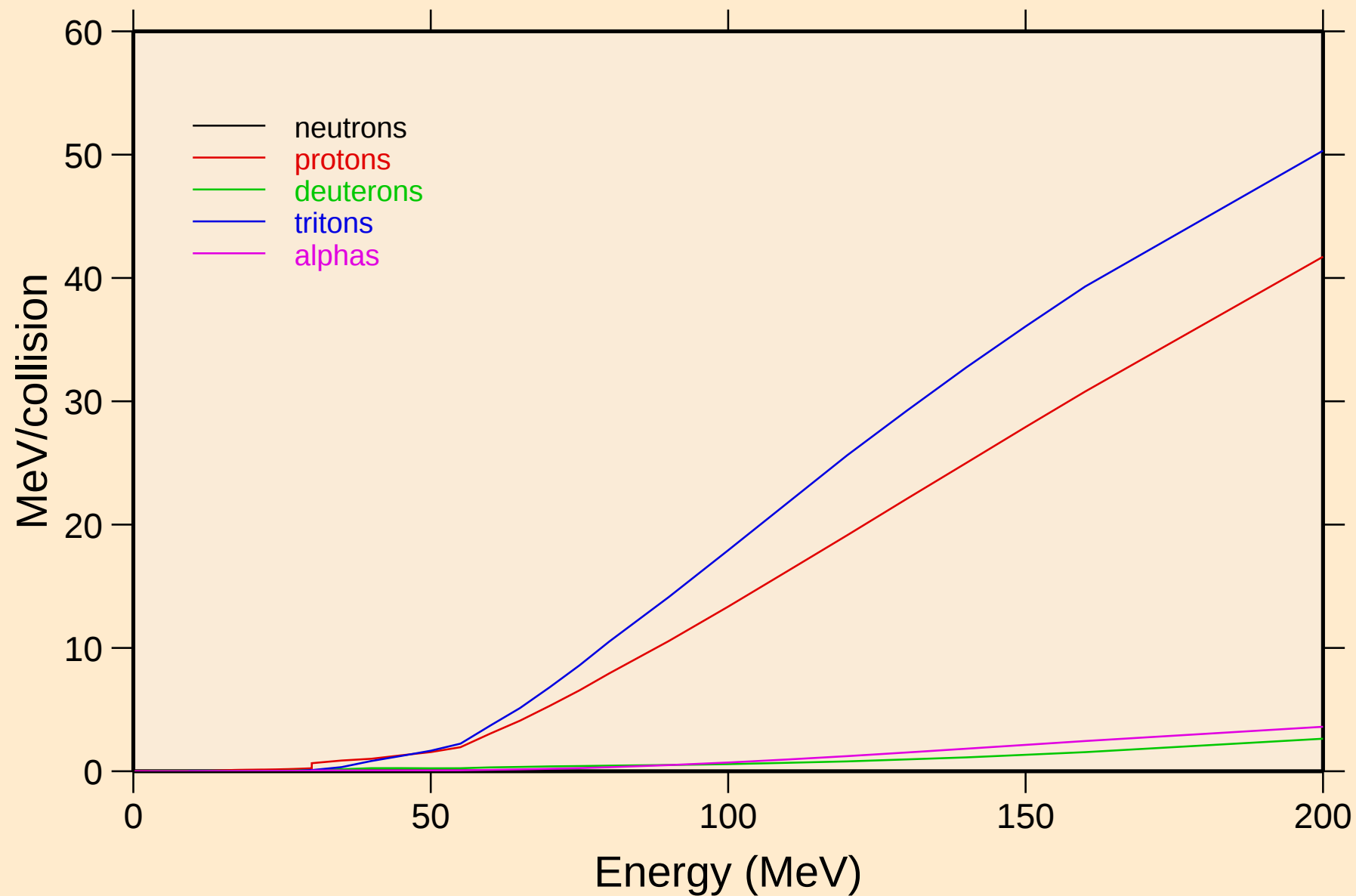


NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



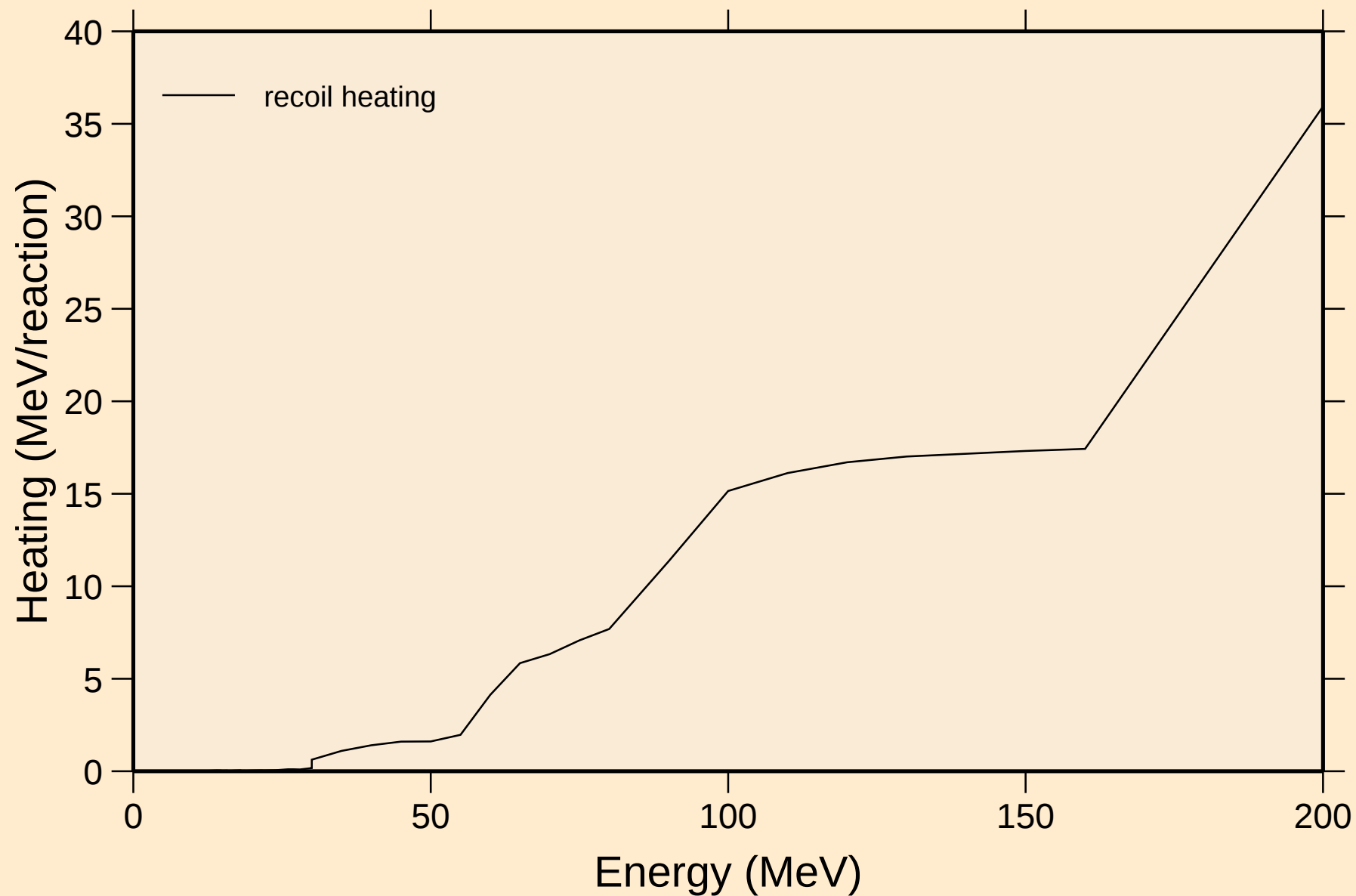
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



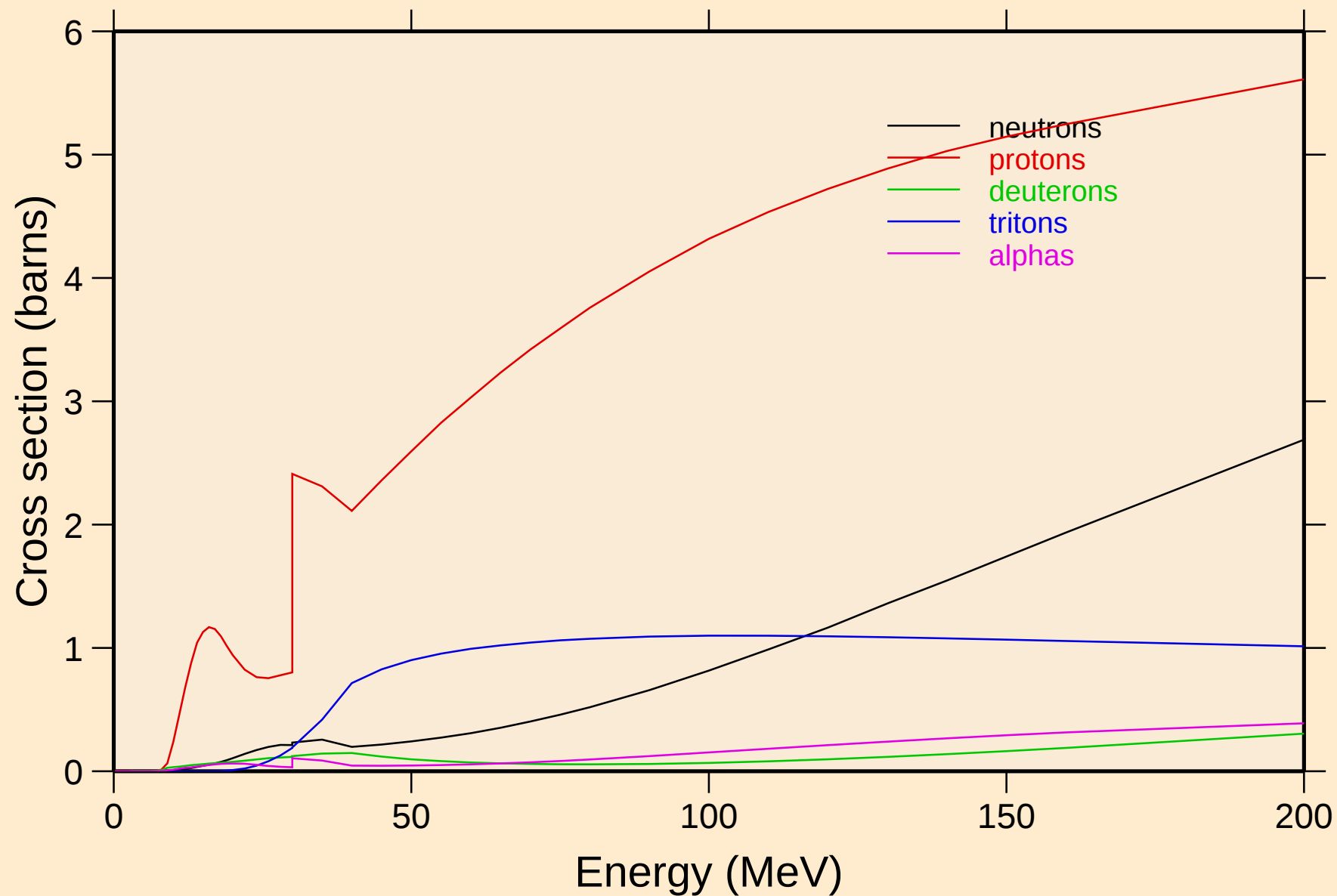
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Recoil Heating

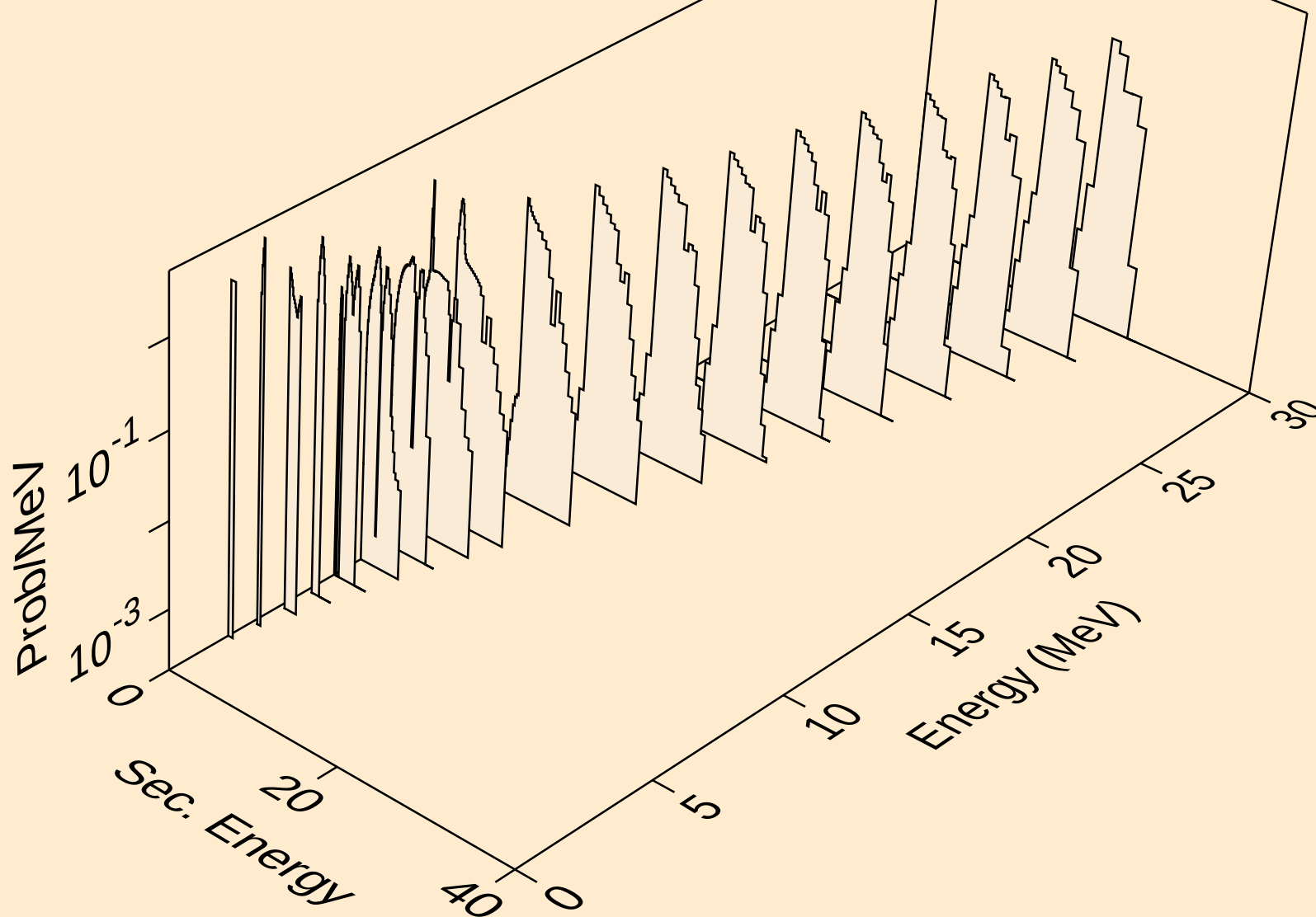


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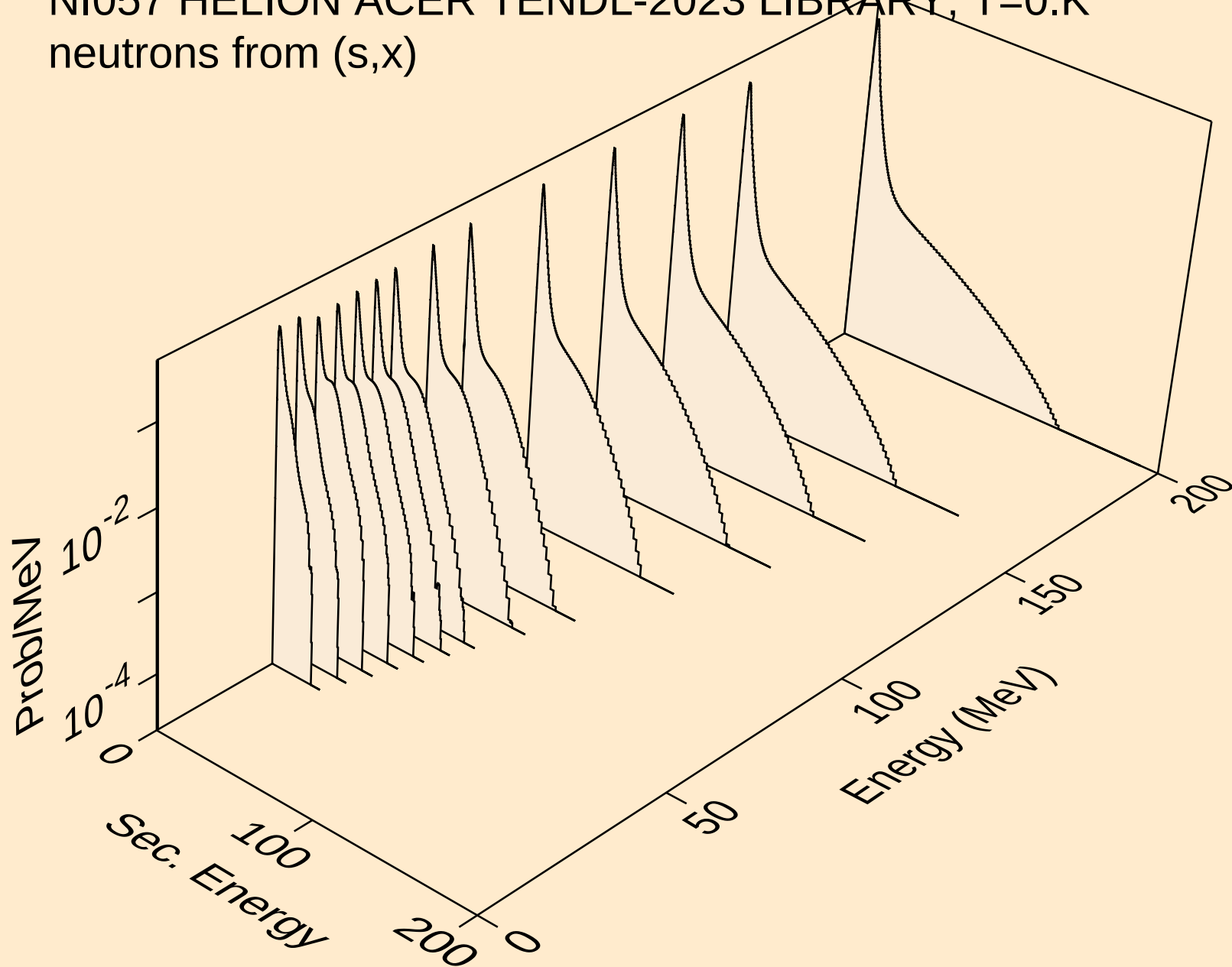
Particle production cross sections



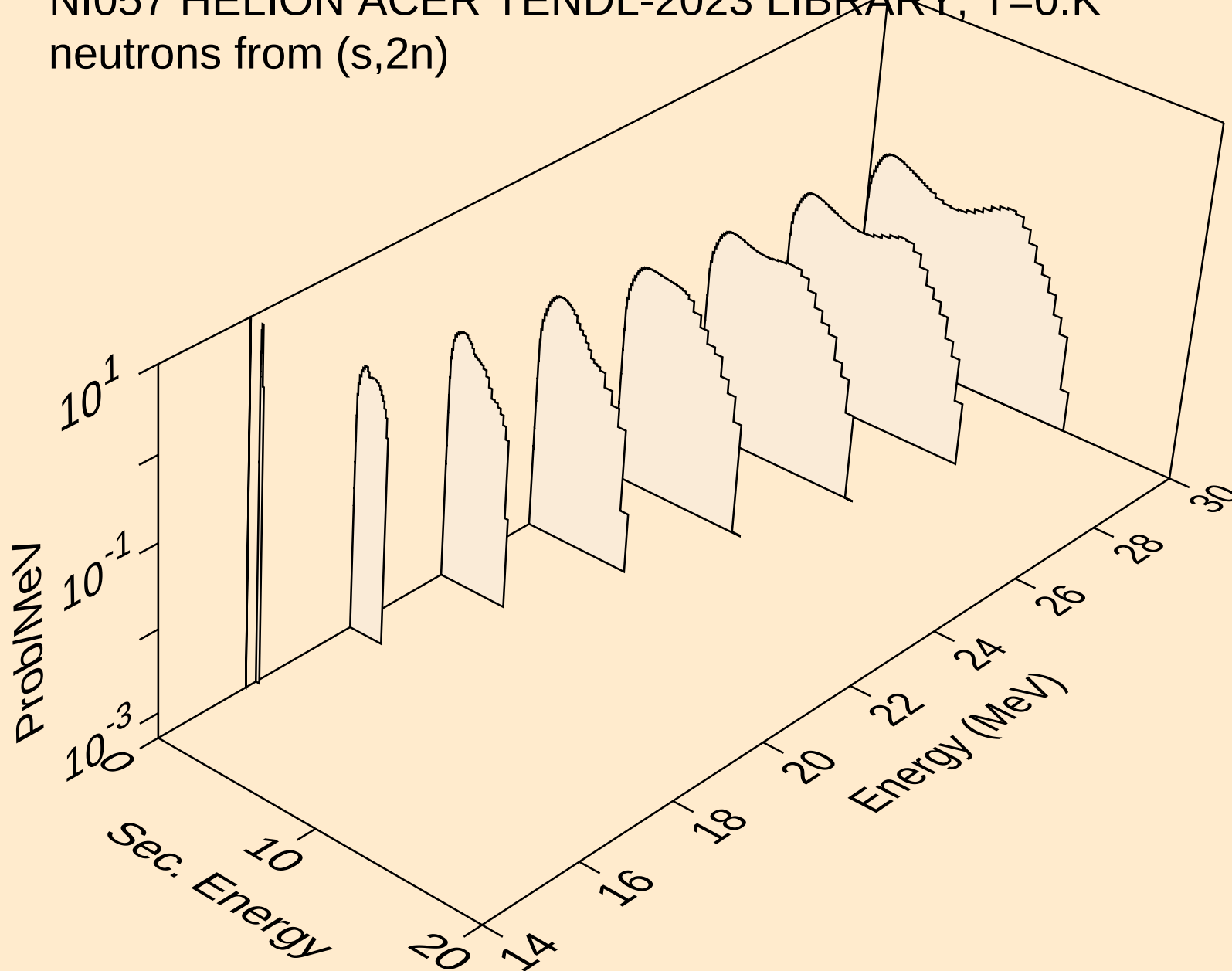
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n)



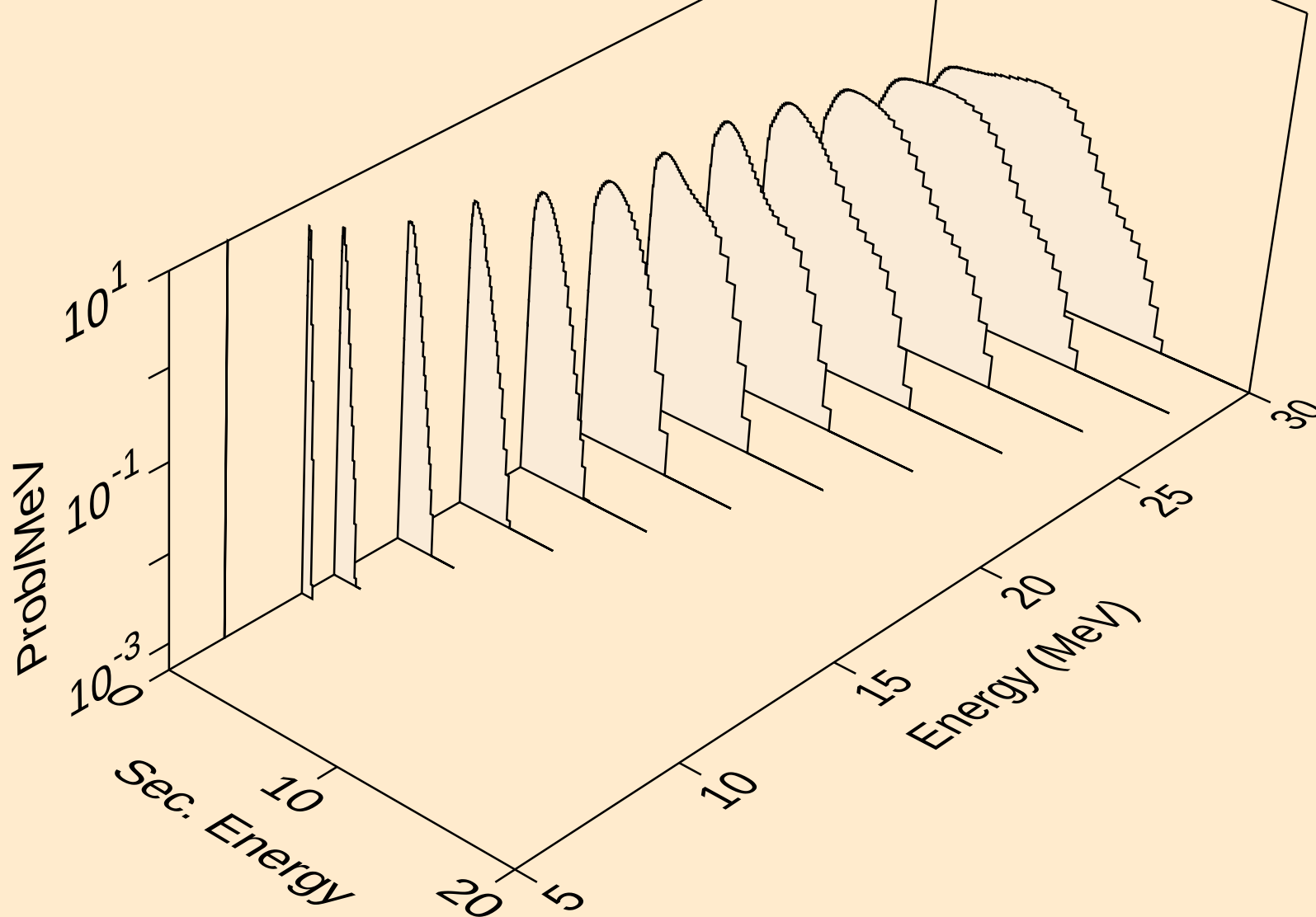
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,x)



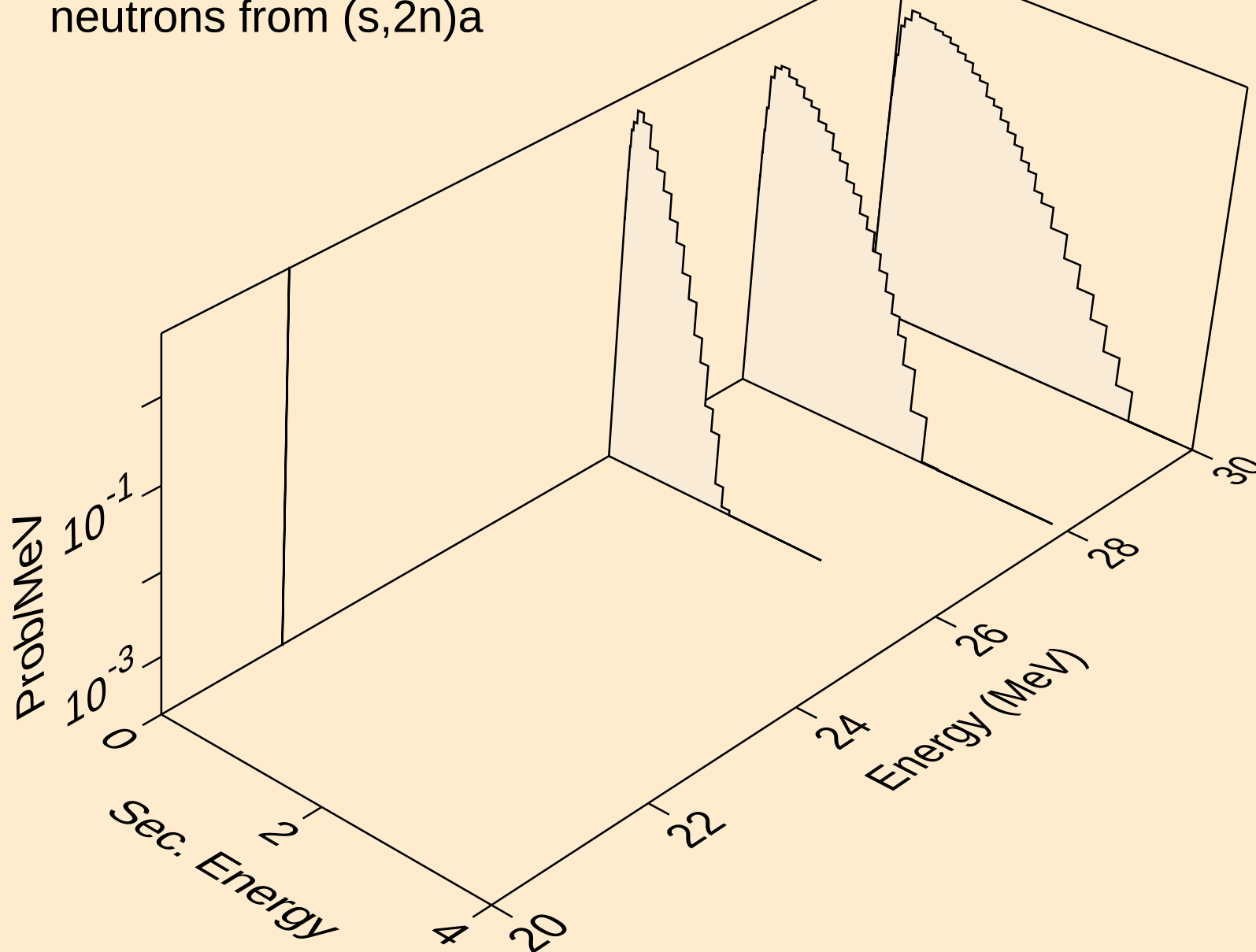
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neutrons from (s,2n)



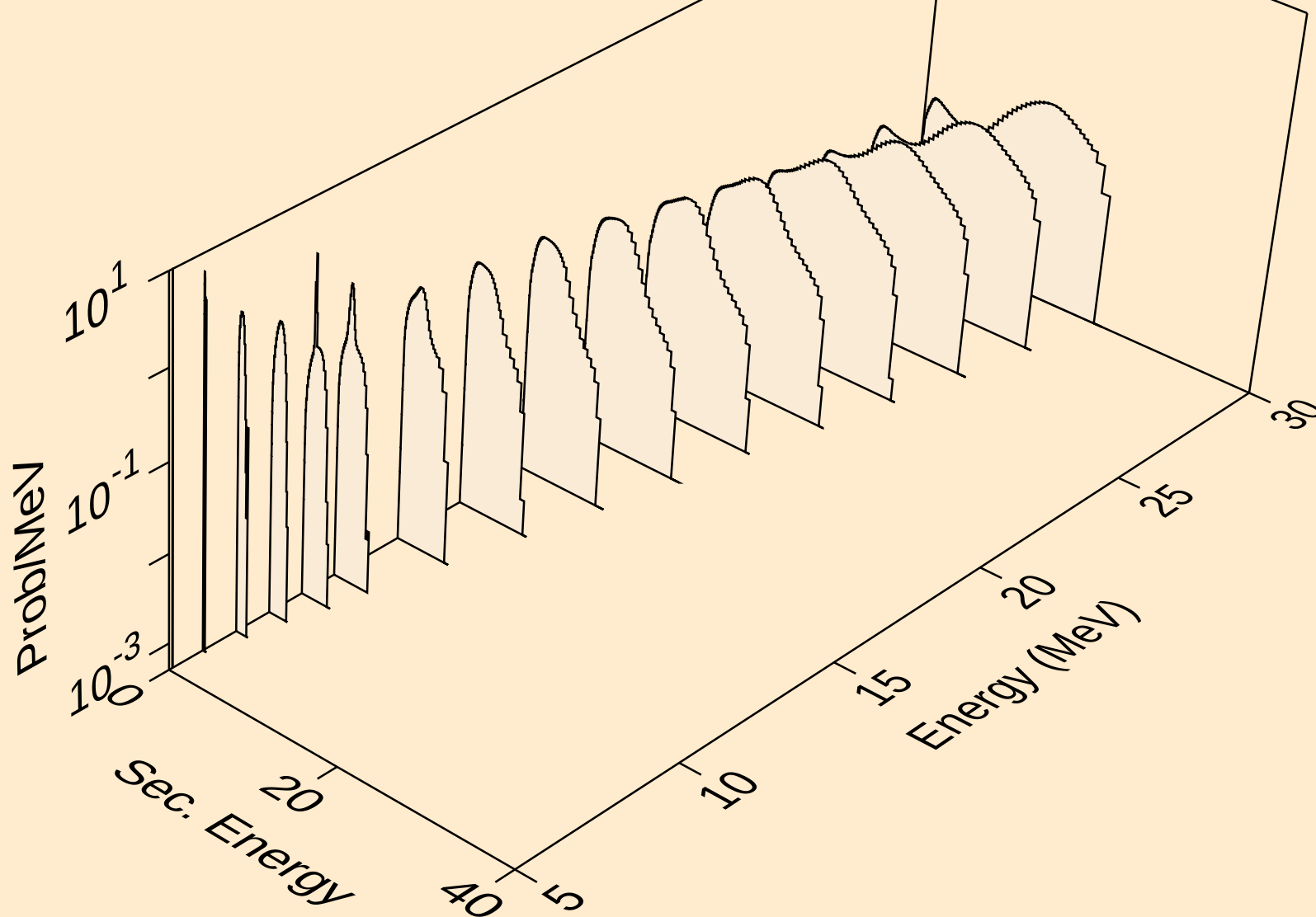
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)a



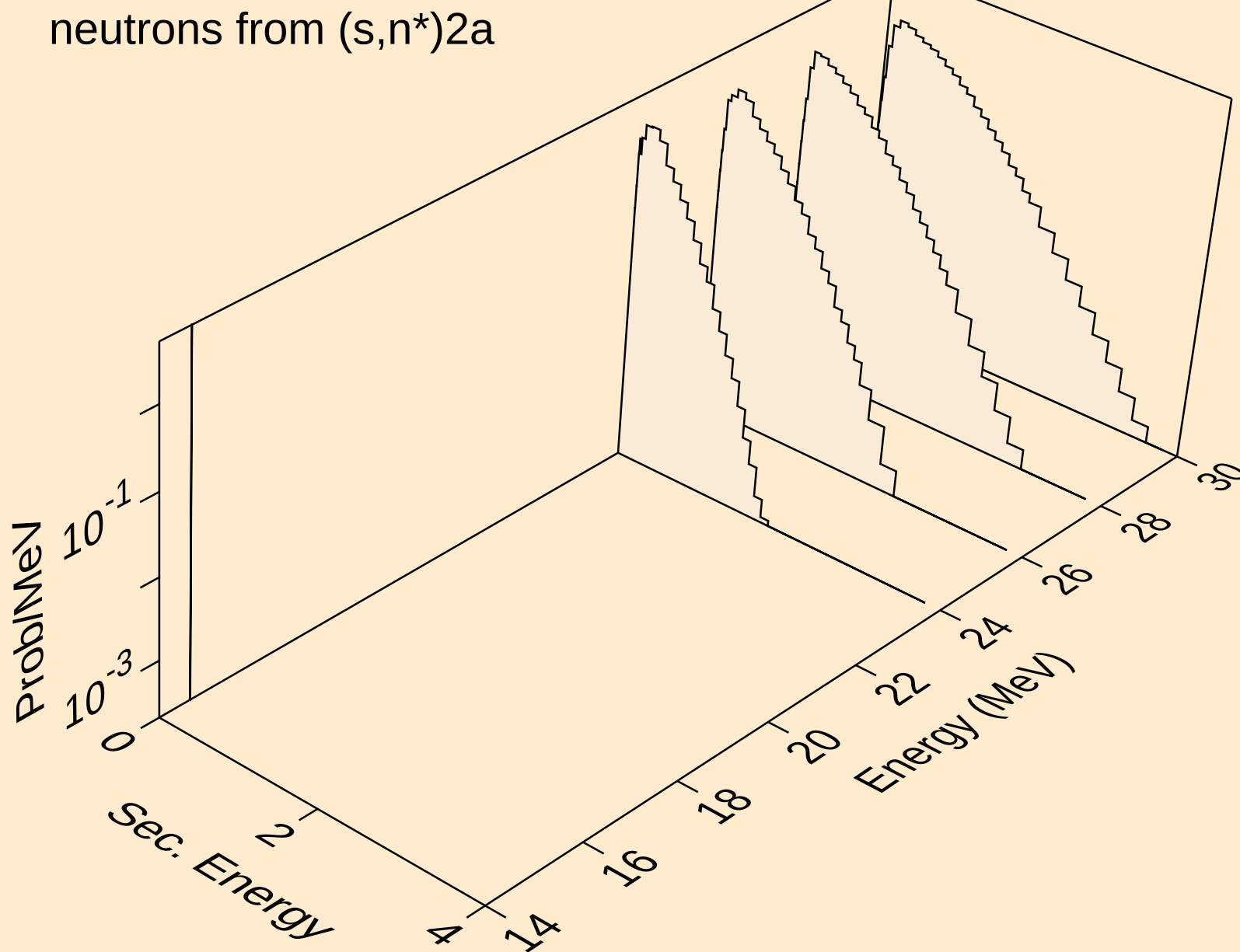
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neutrons from (s,2n)a



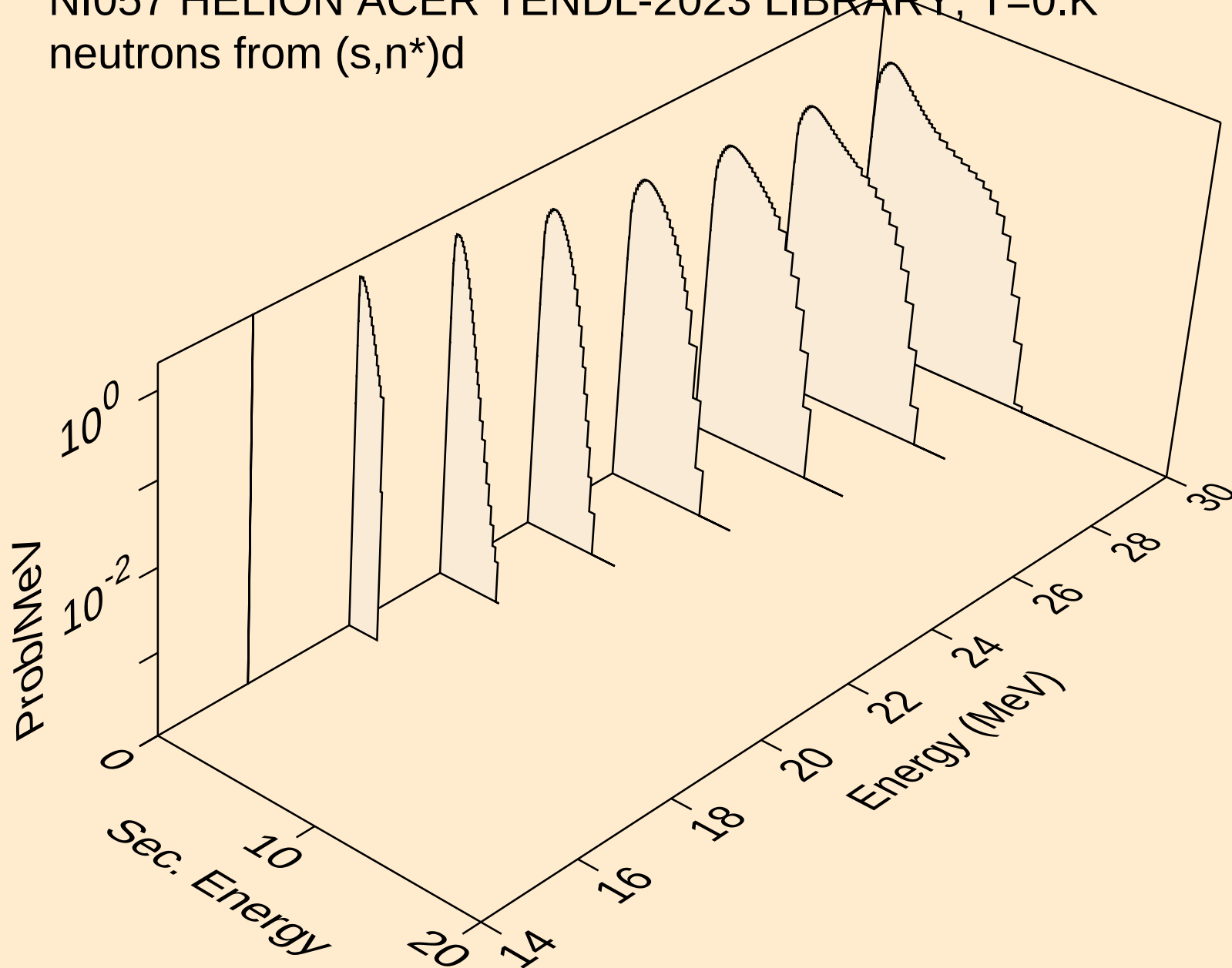
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)p



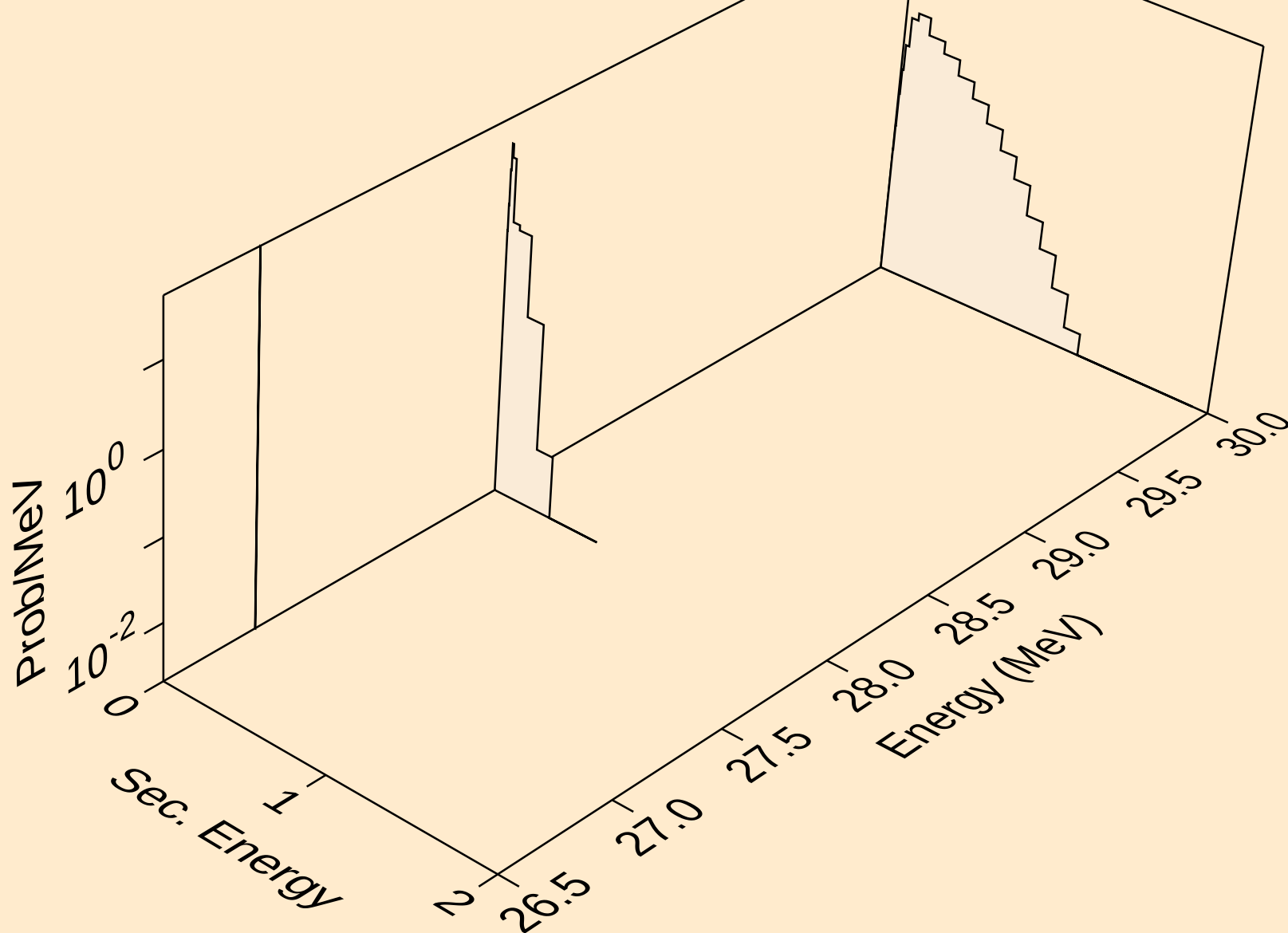
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neutrons from (s,n*)2a



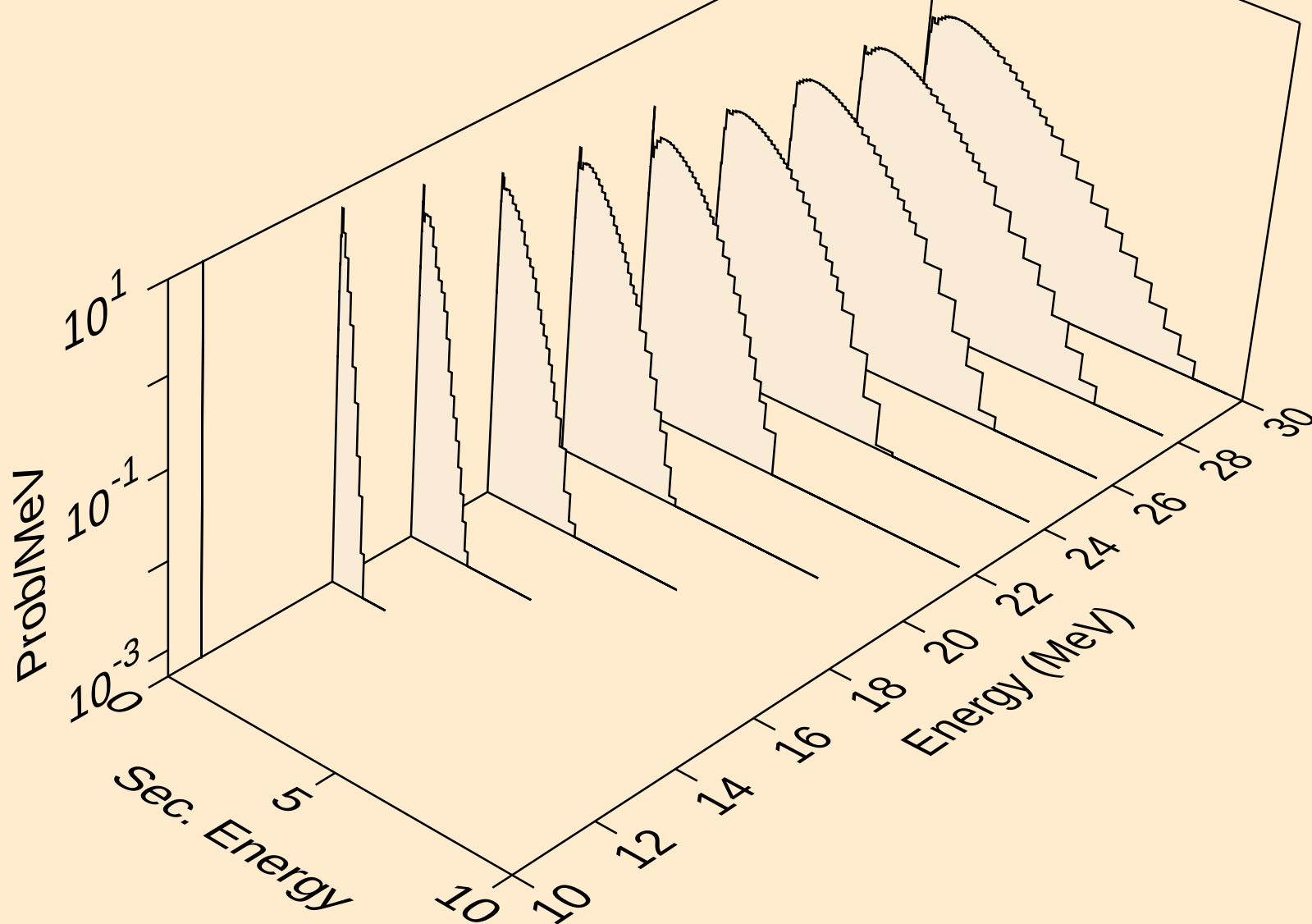
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)d



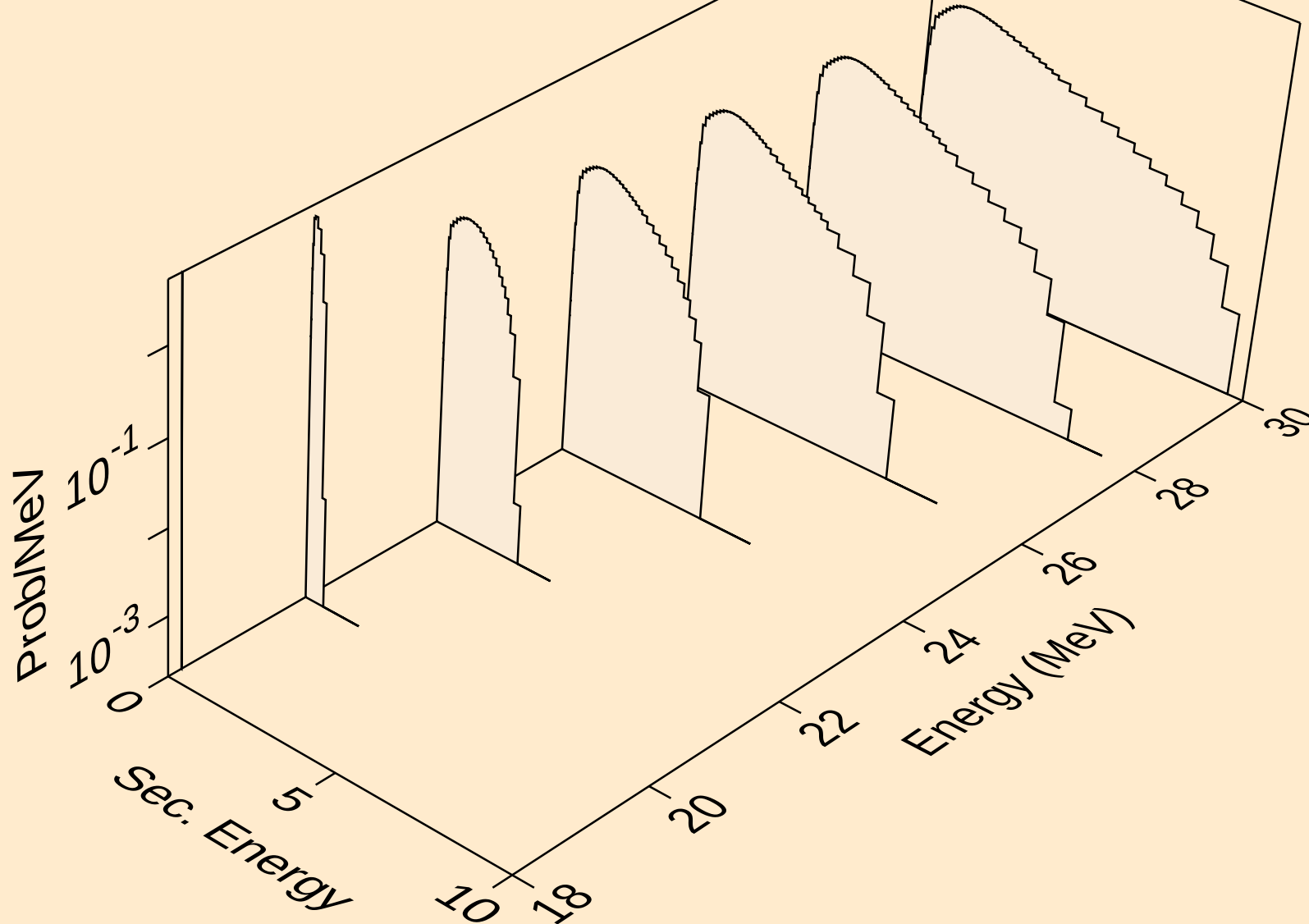
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)t



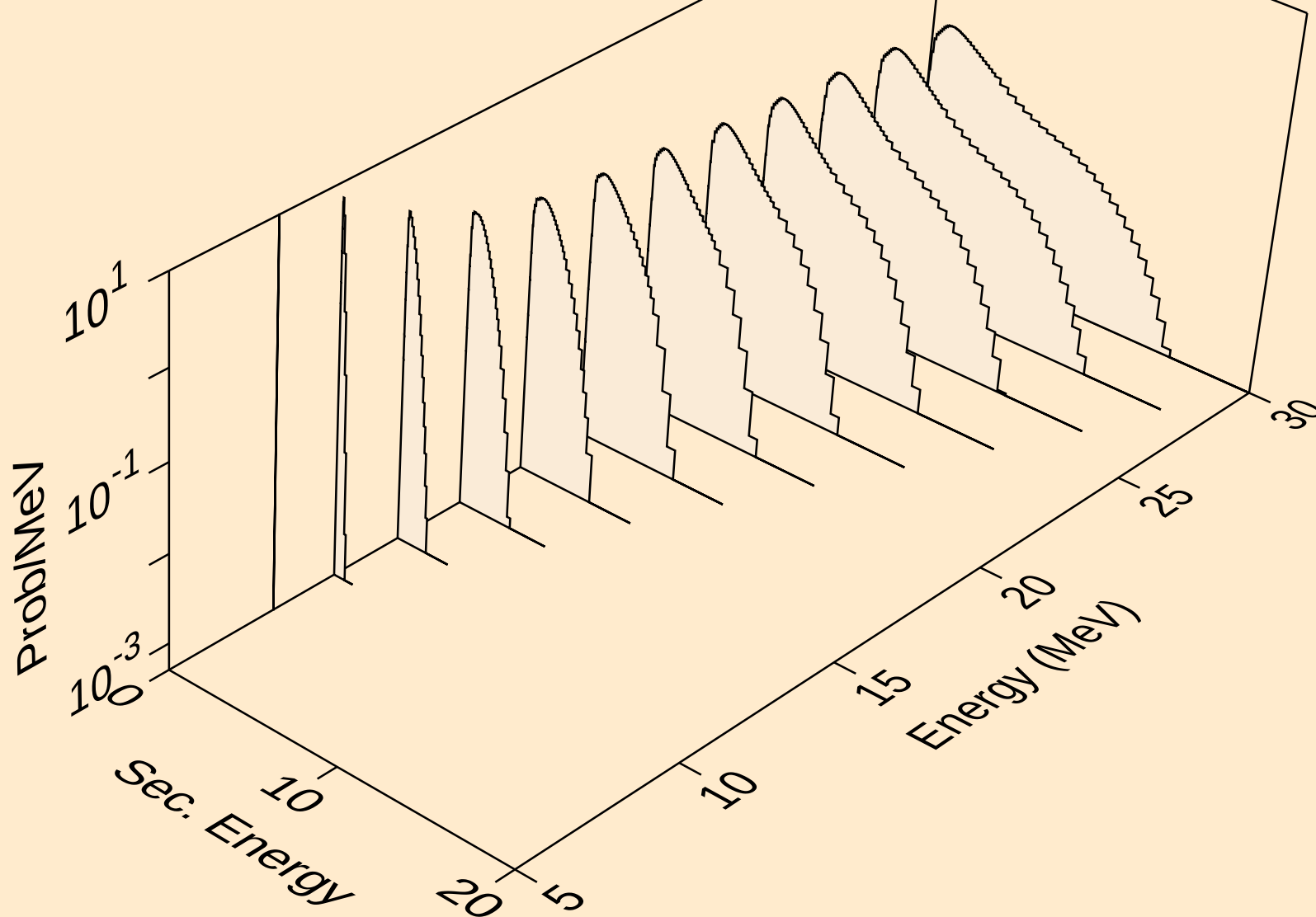
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)he3



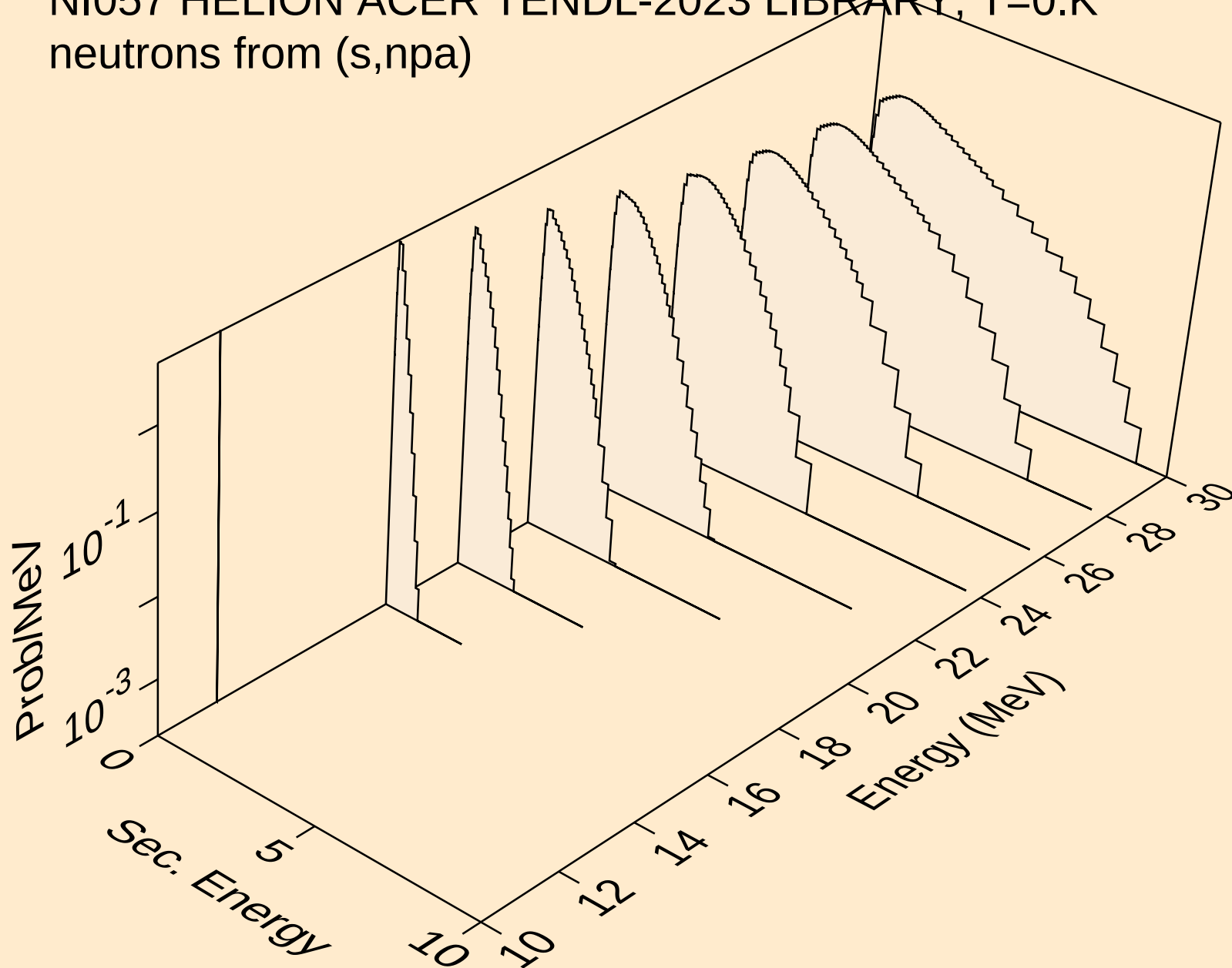
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2np)



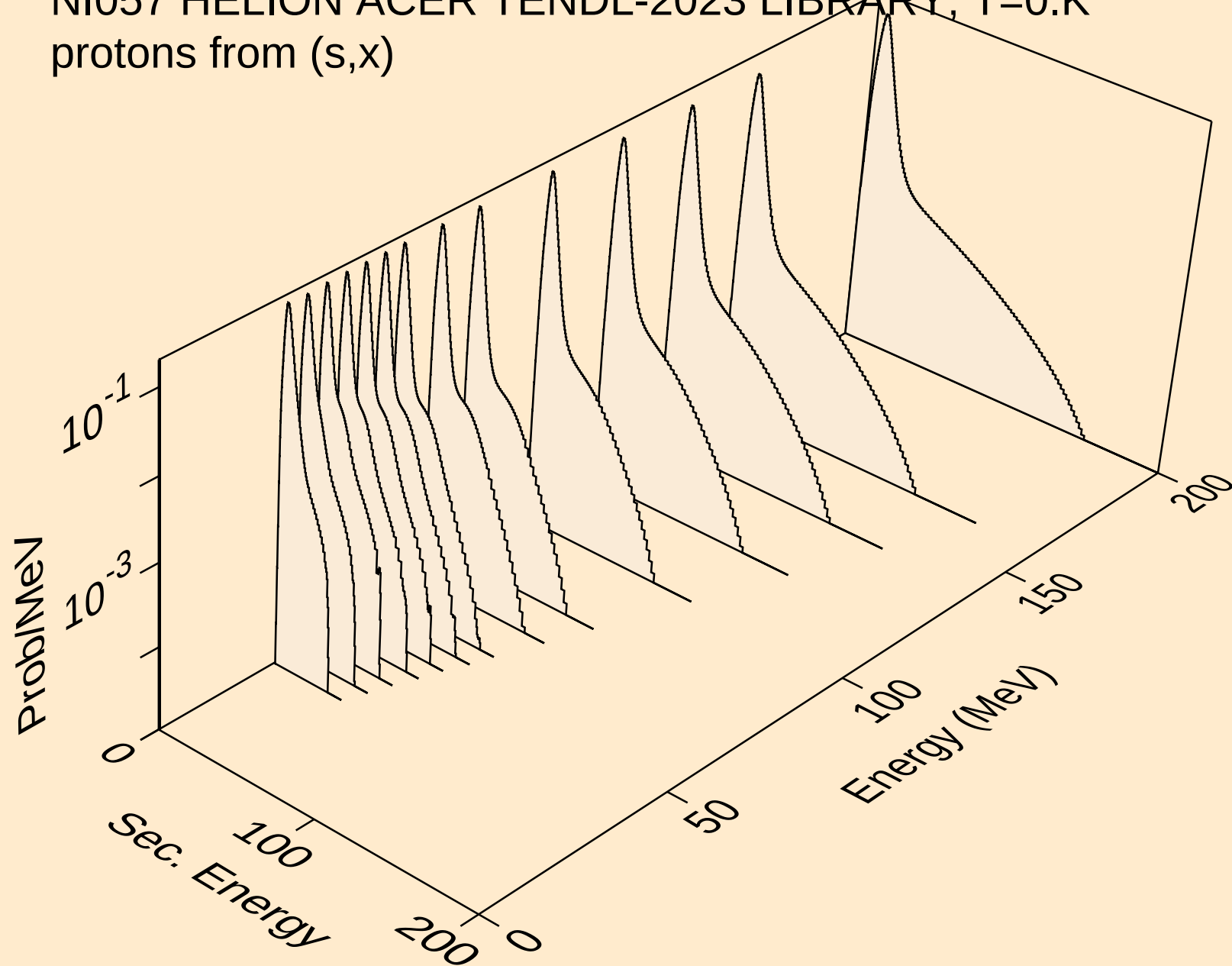
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neutrons from (s,n2p)



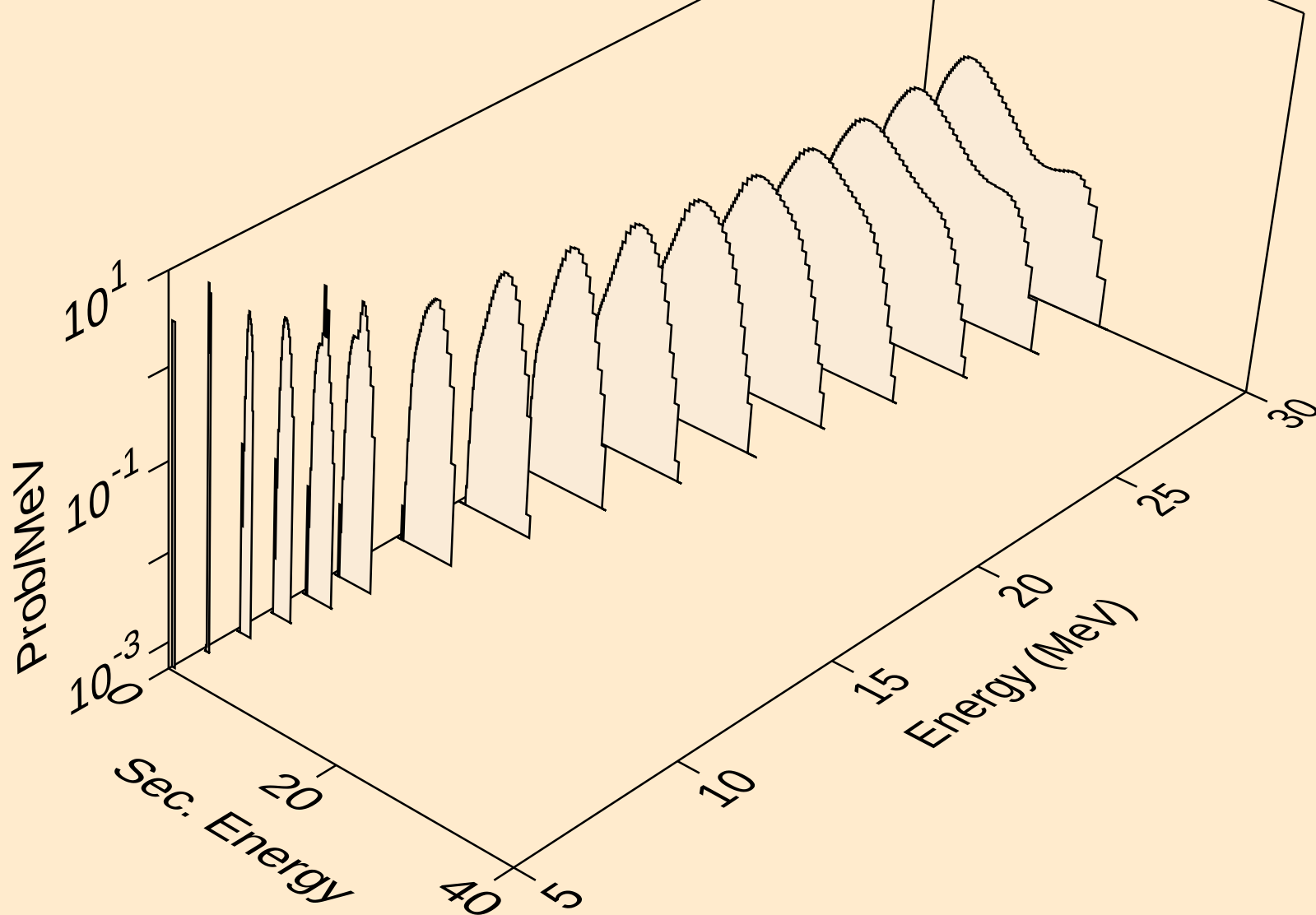
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neutrons from (s,npa)



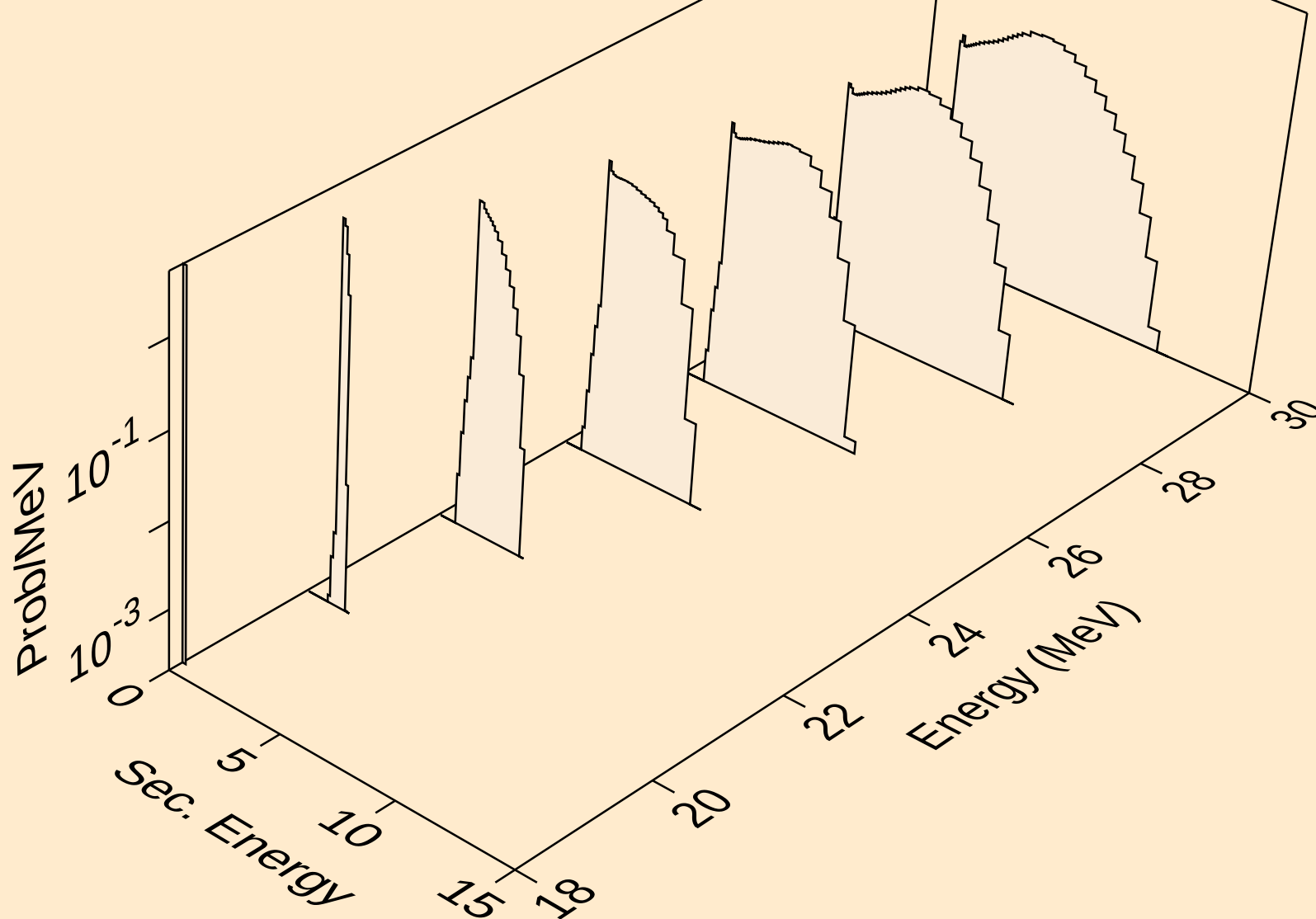
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protons from (s,x)



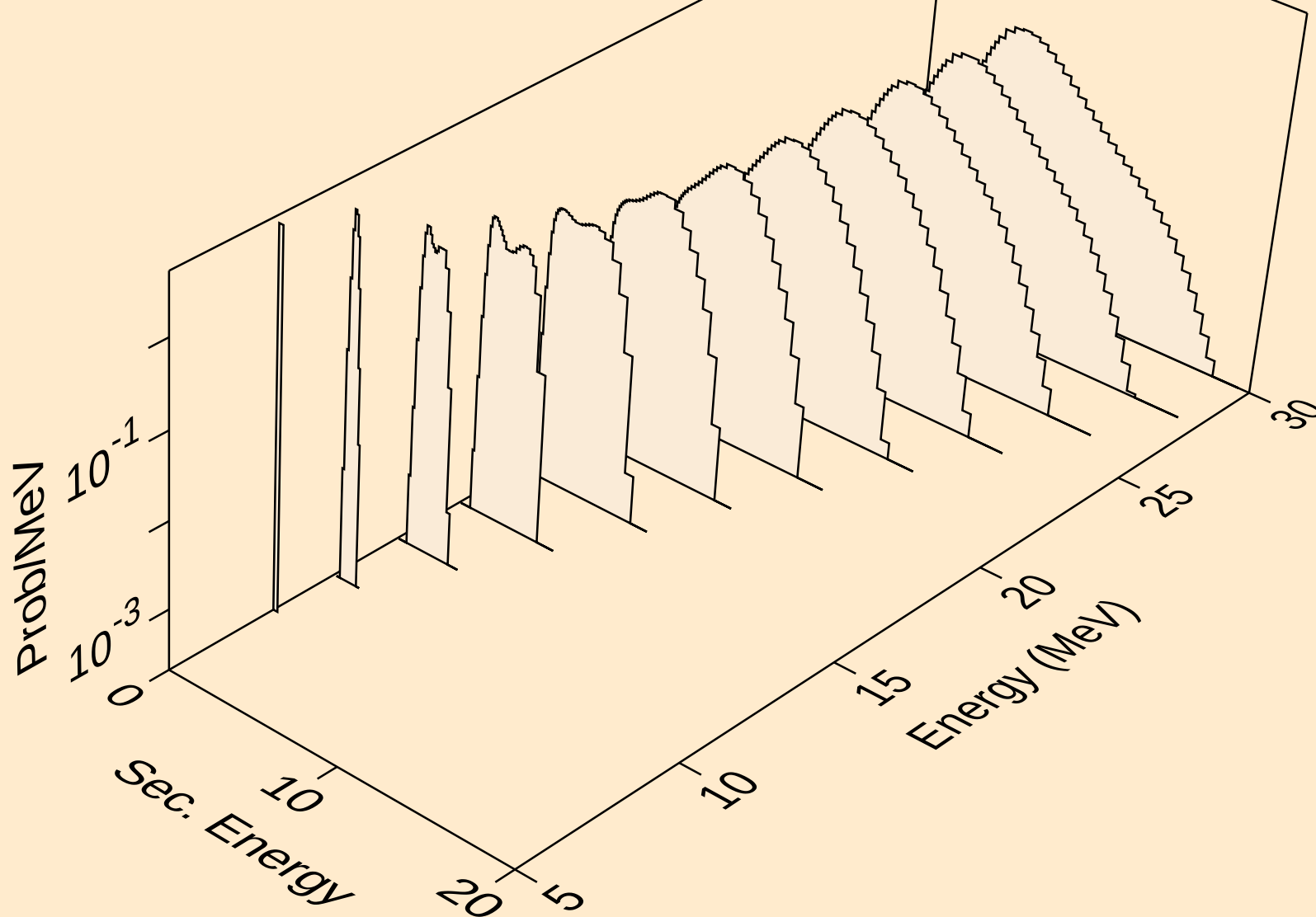
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protons from (s,n*)p



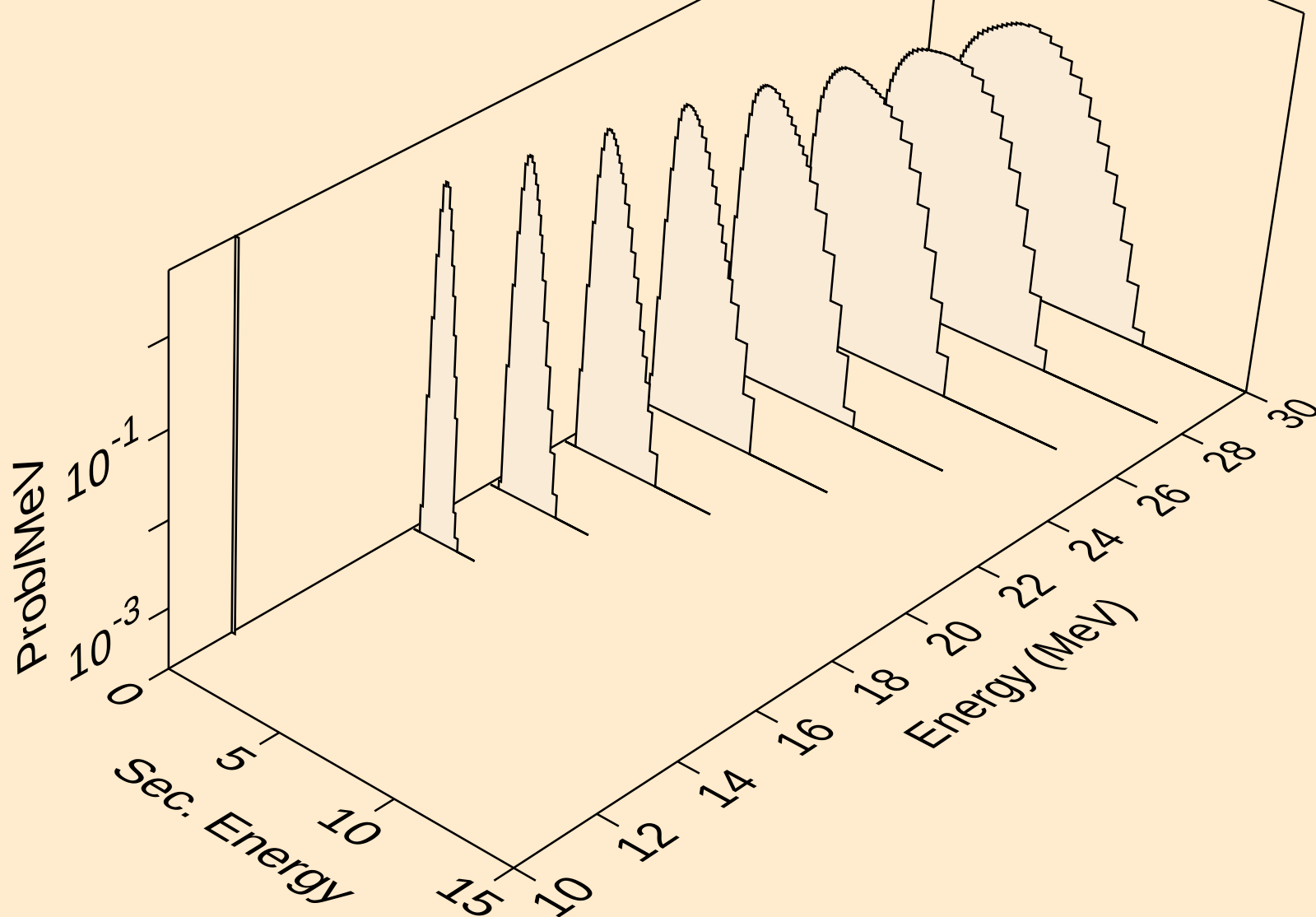
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protons from (s,2np)



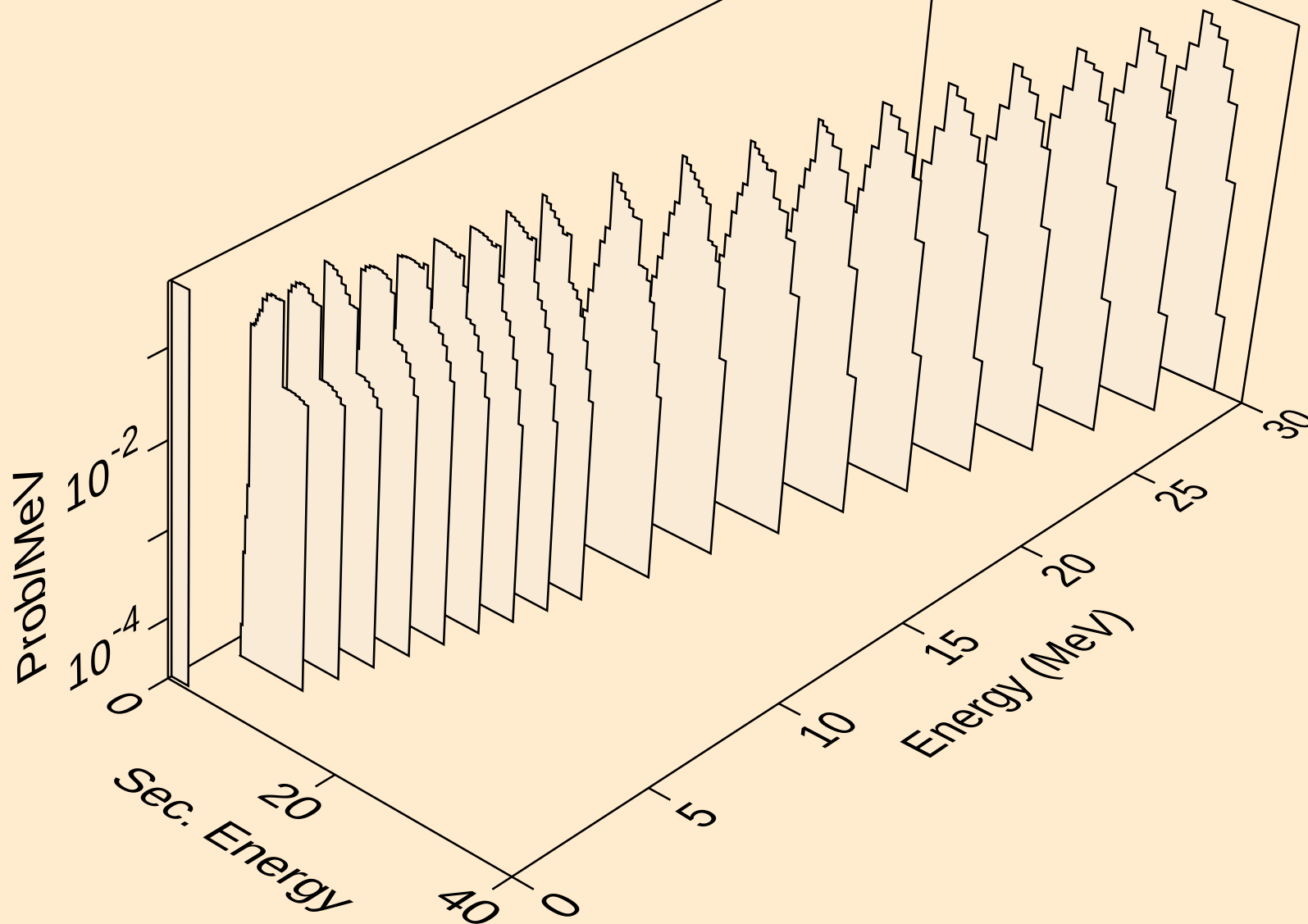
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protons from (s,n2p)



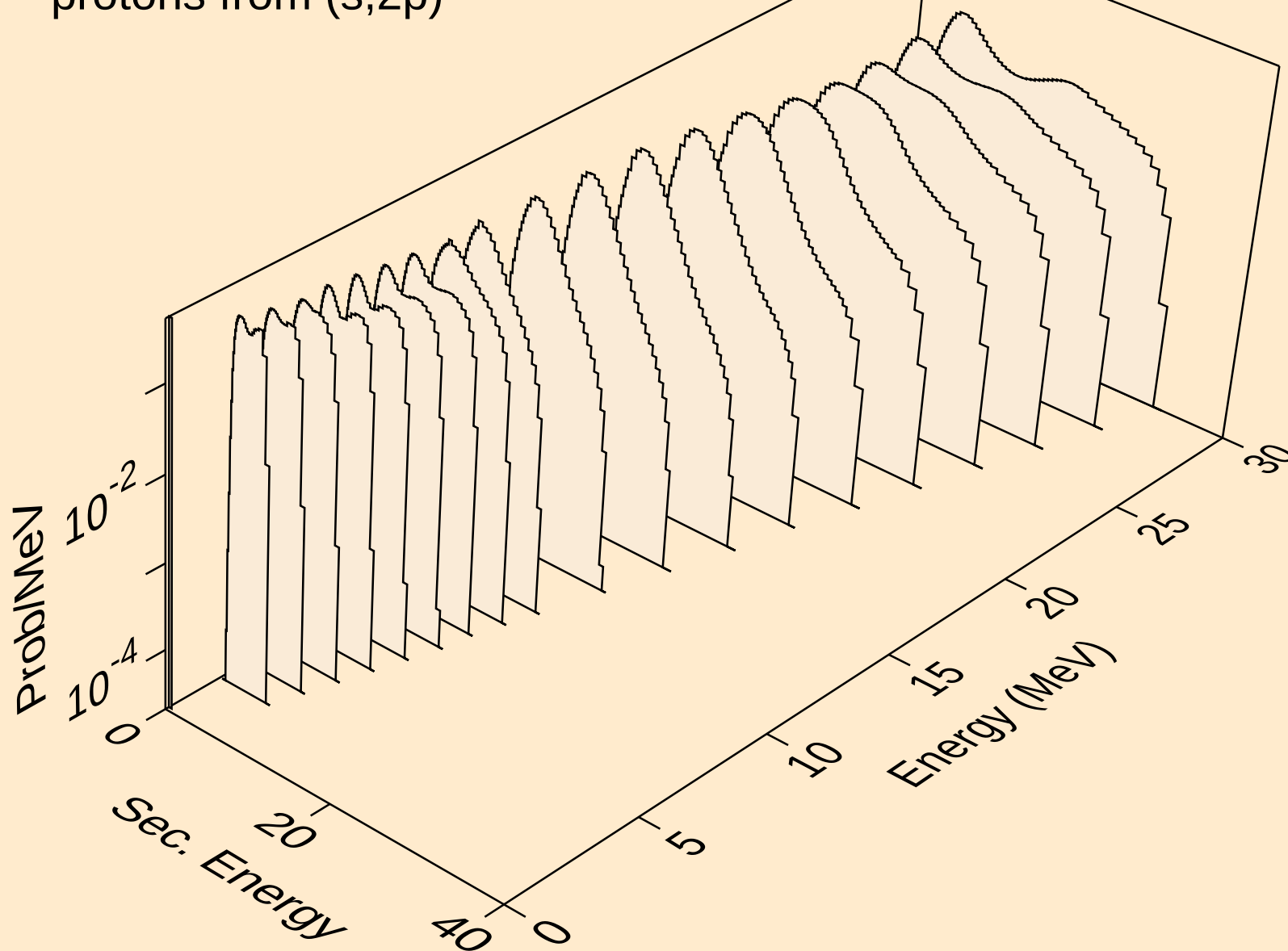
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protons from (s,npa)



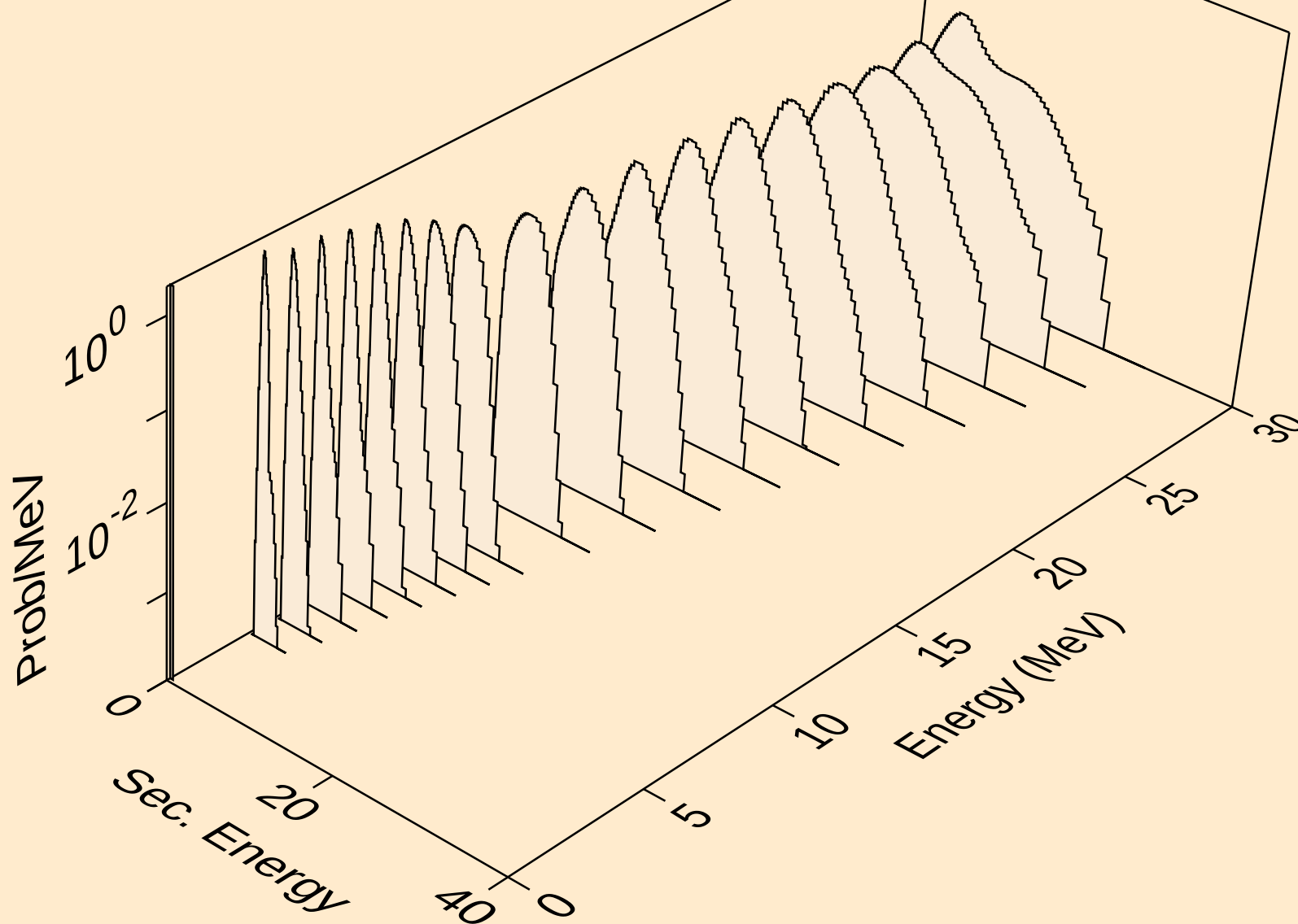
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protons from (s,p)



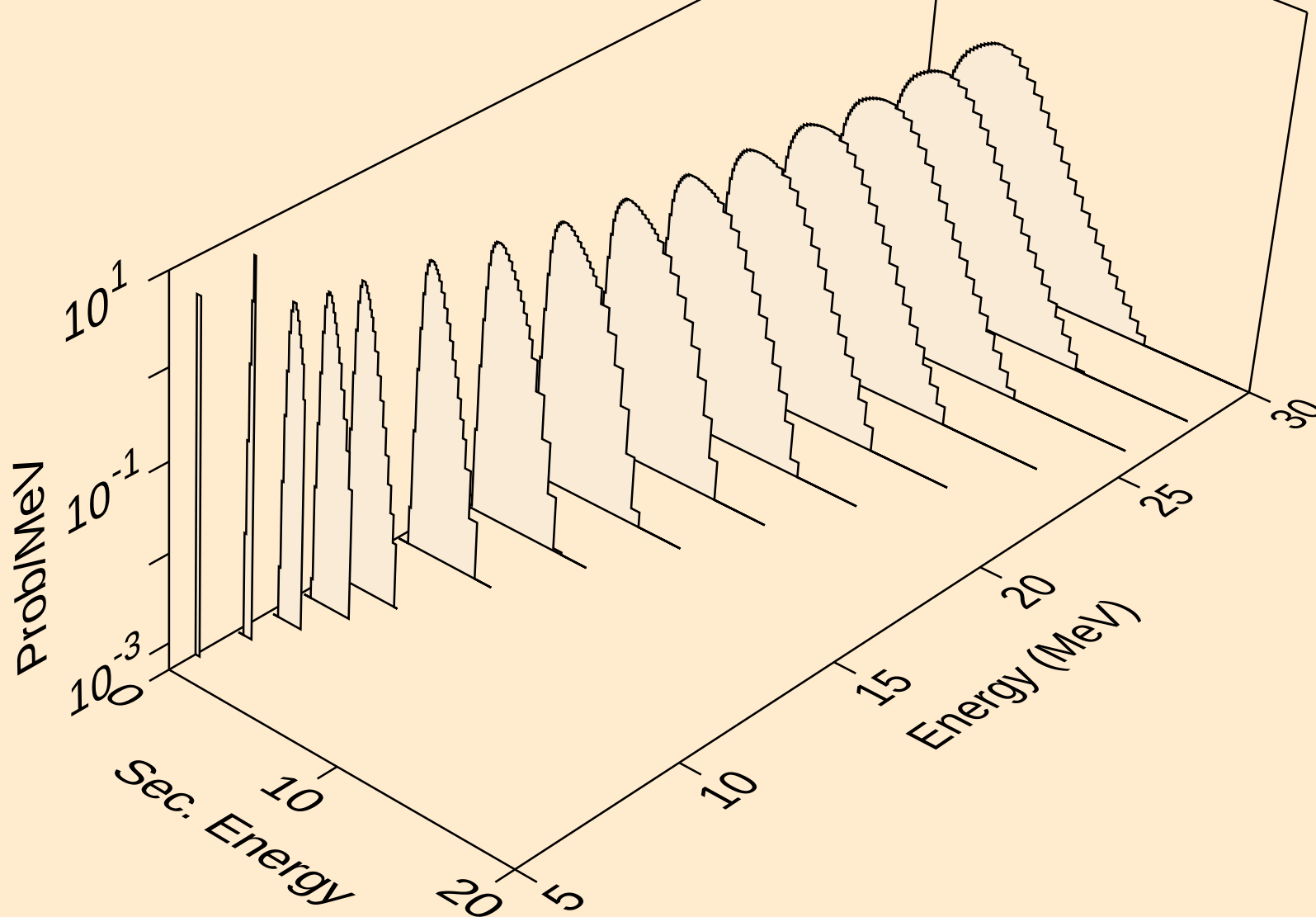
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protons from (s,2p)



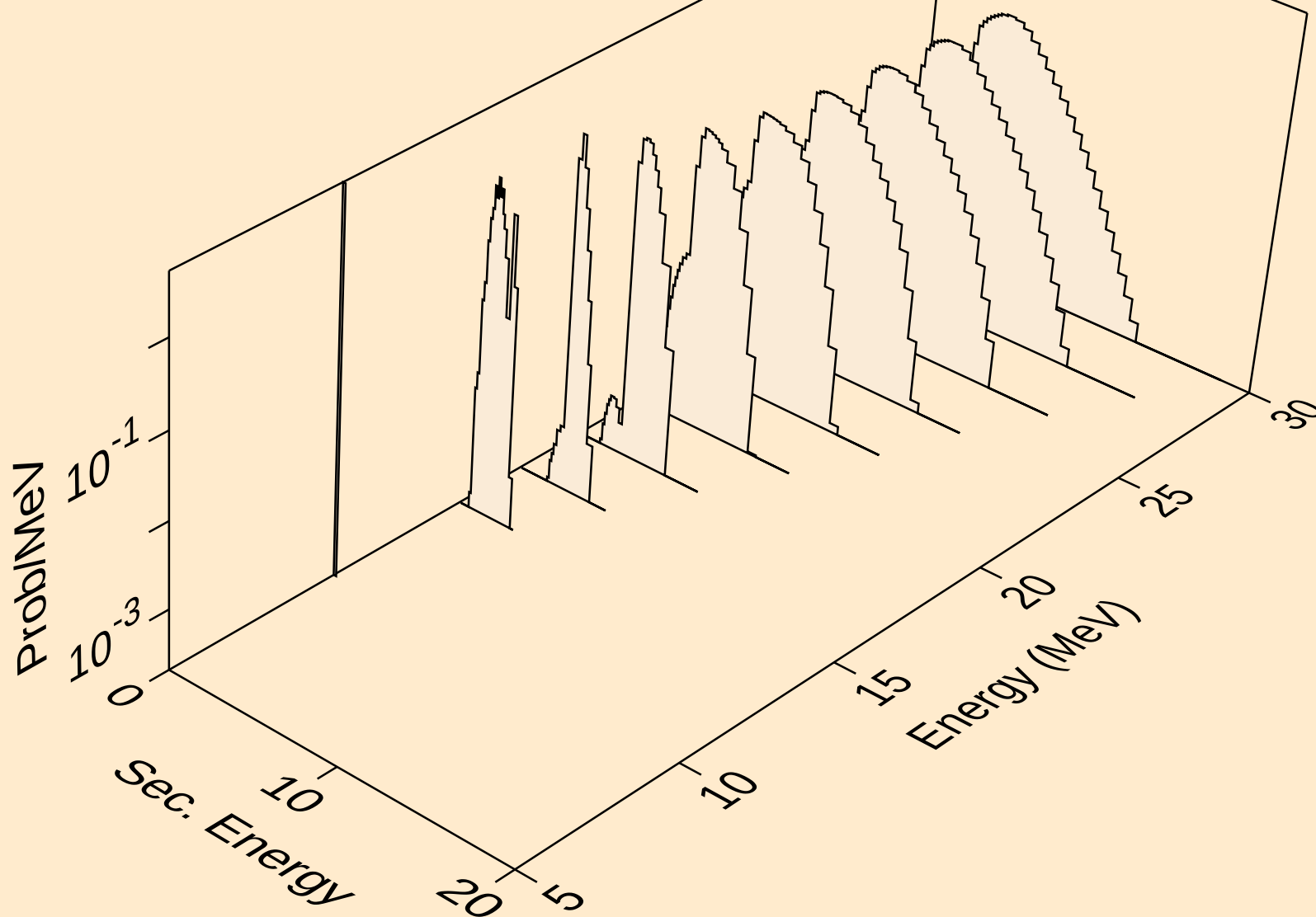
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protons from (s,pa)



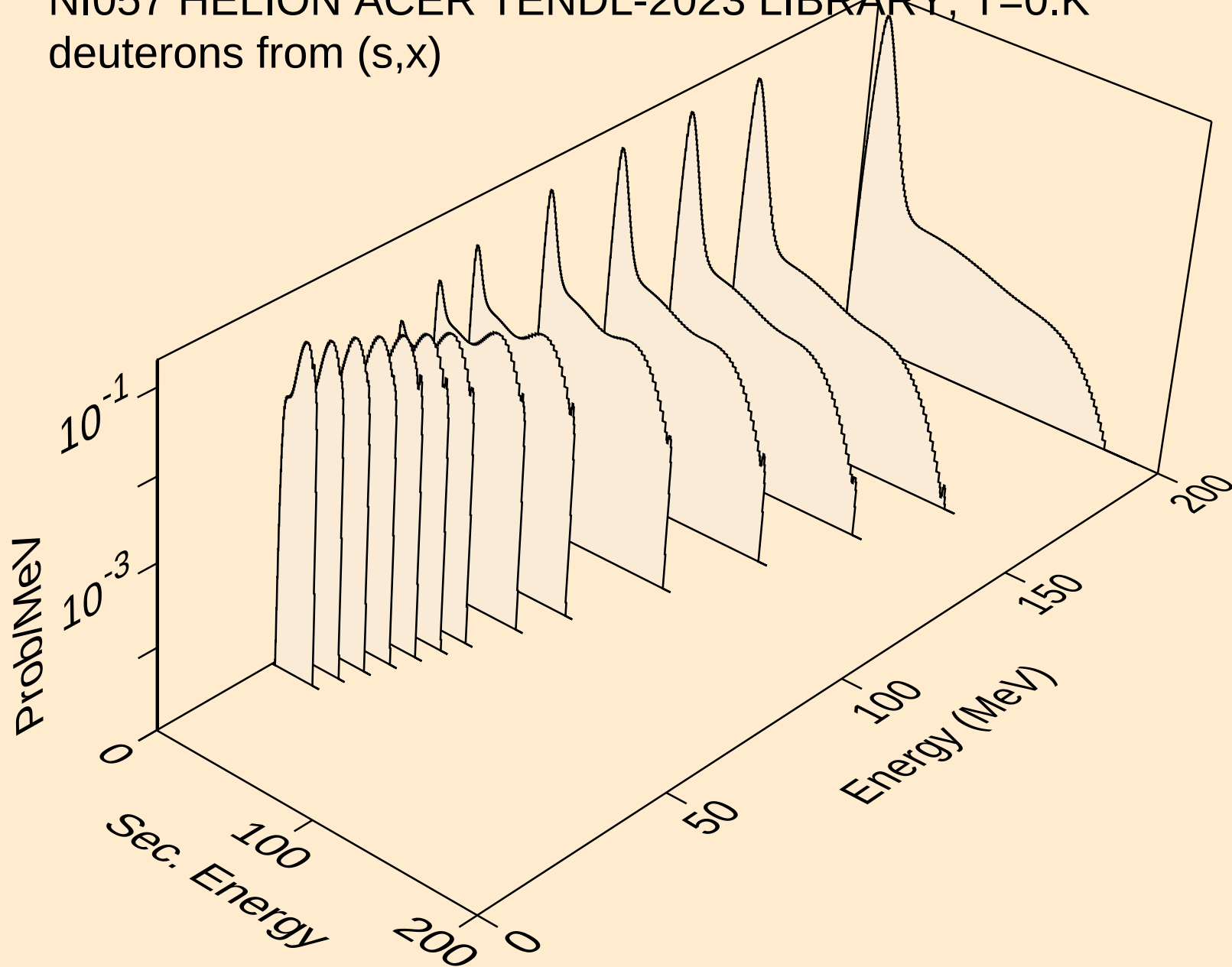
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pd)



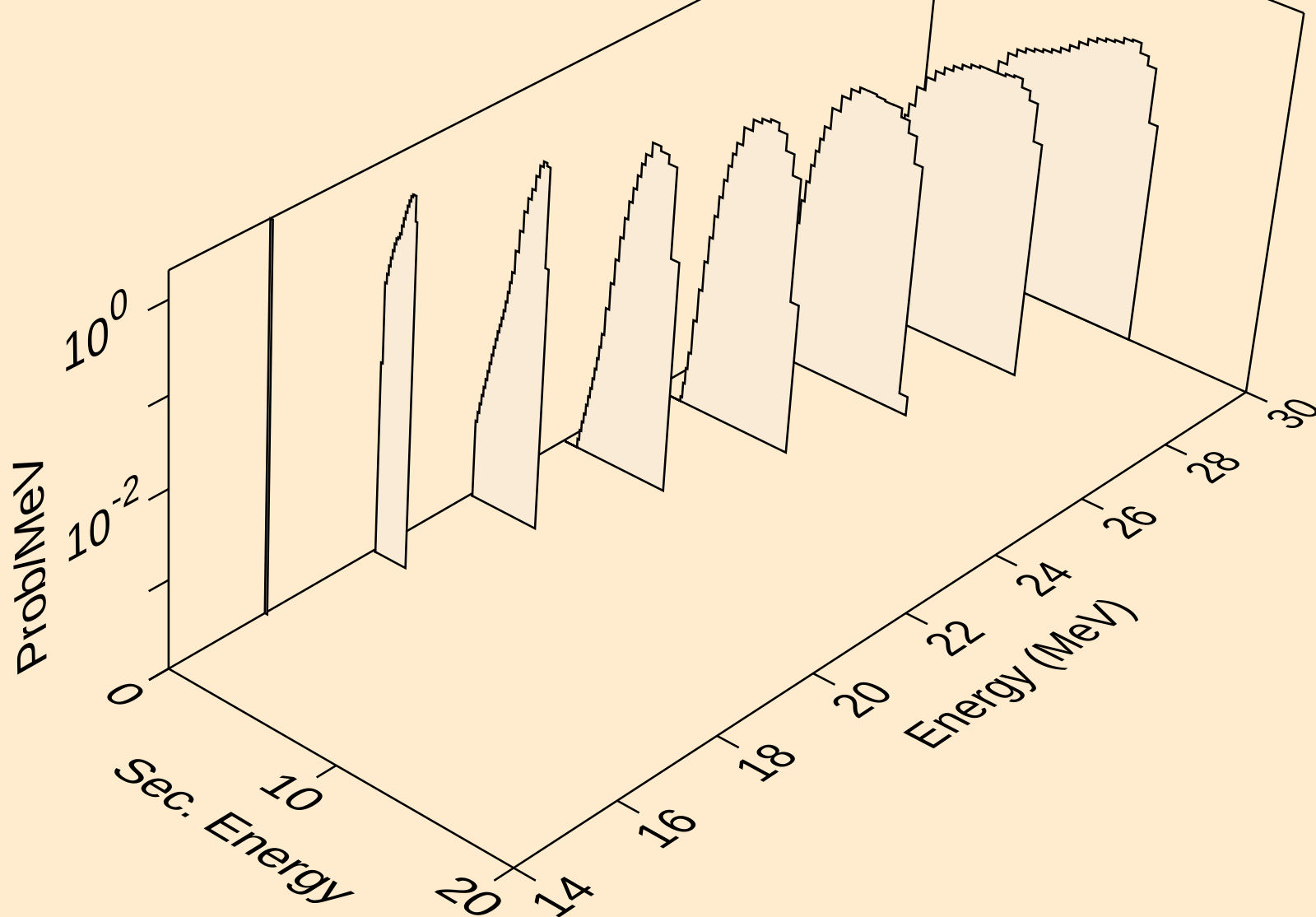
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protons from (s,pt)



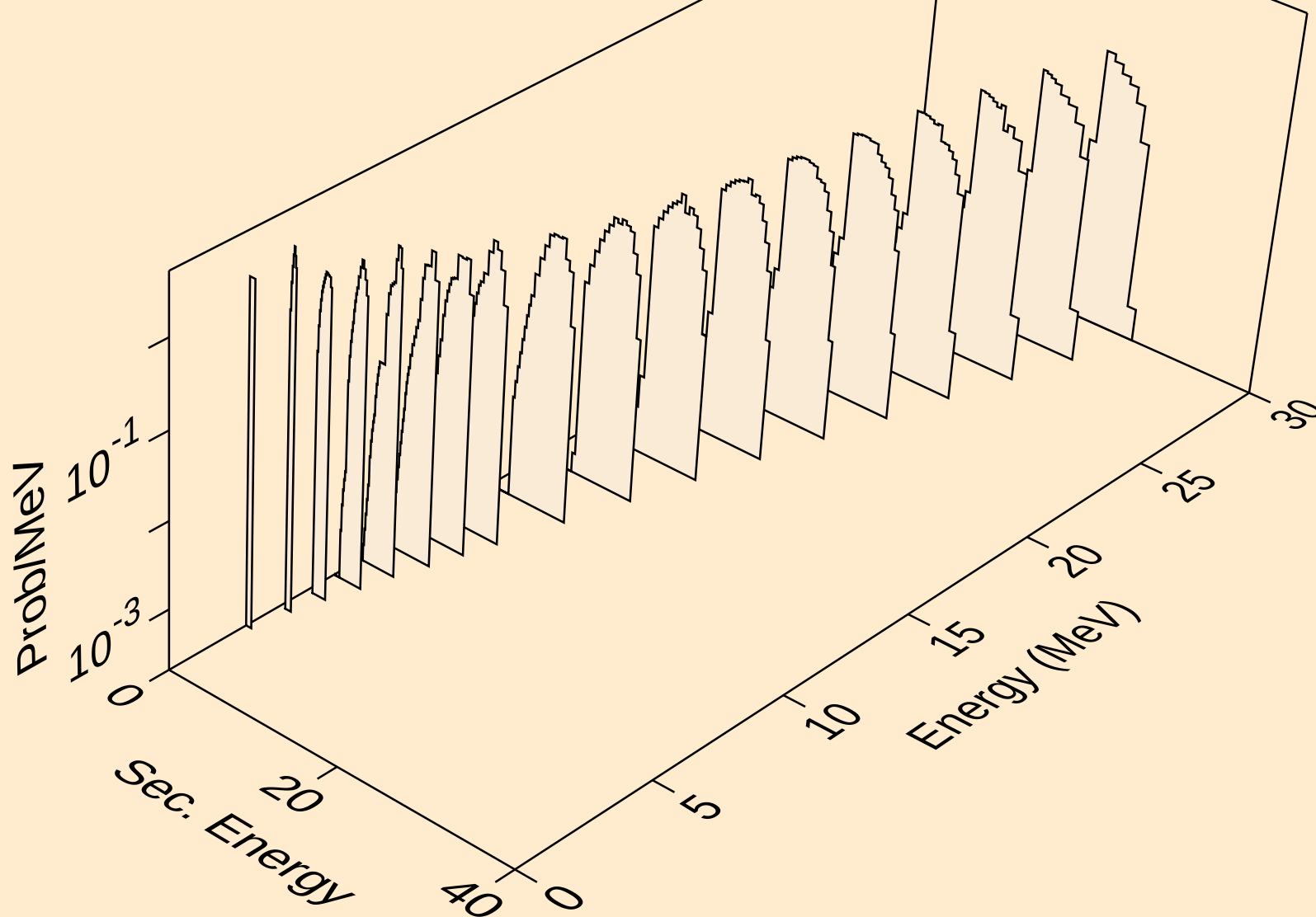
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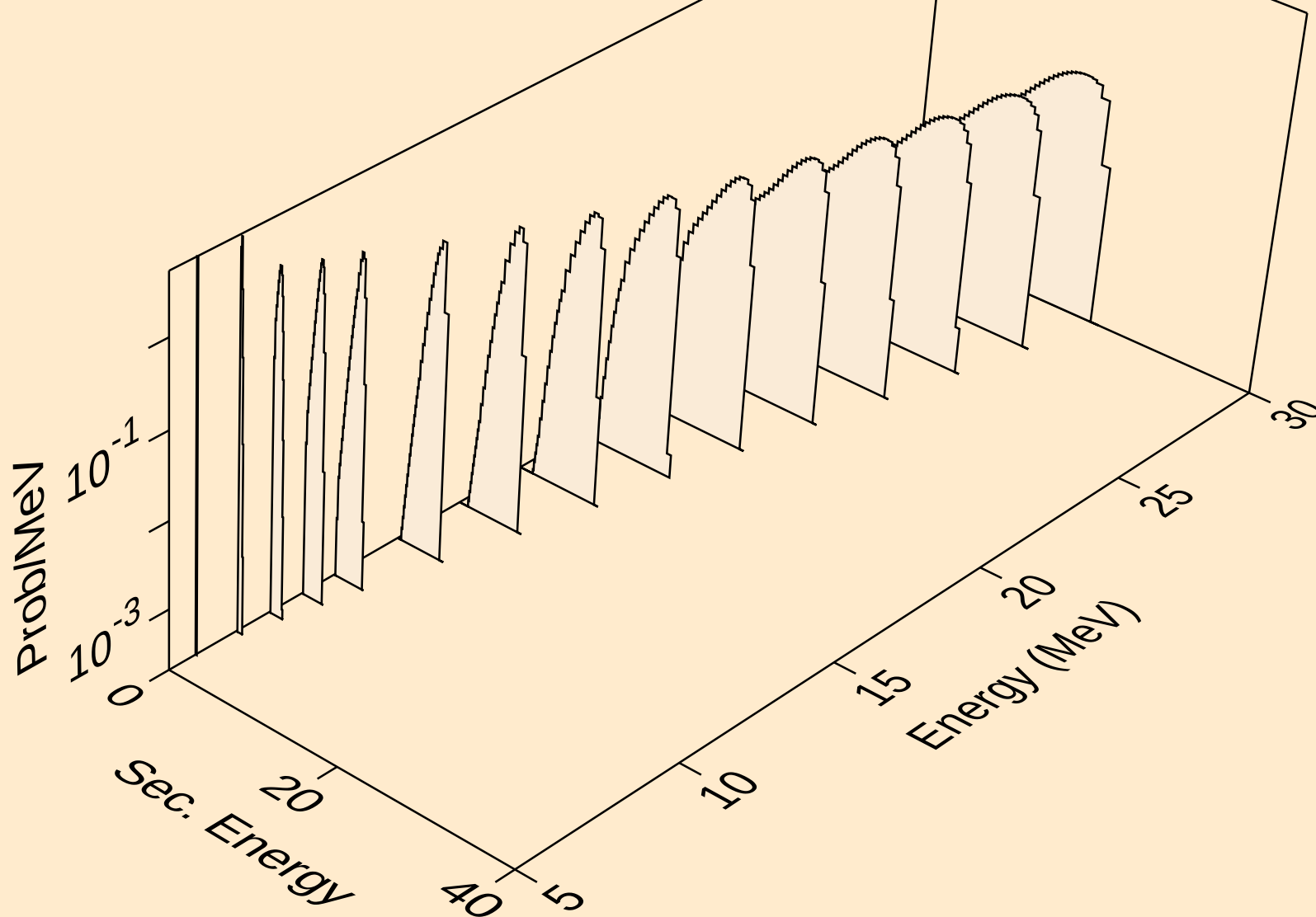
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deuterons from (s,n*)d



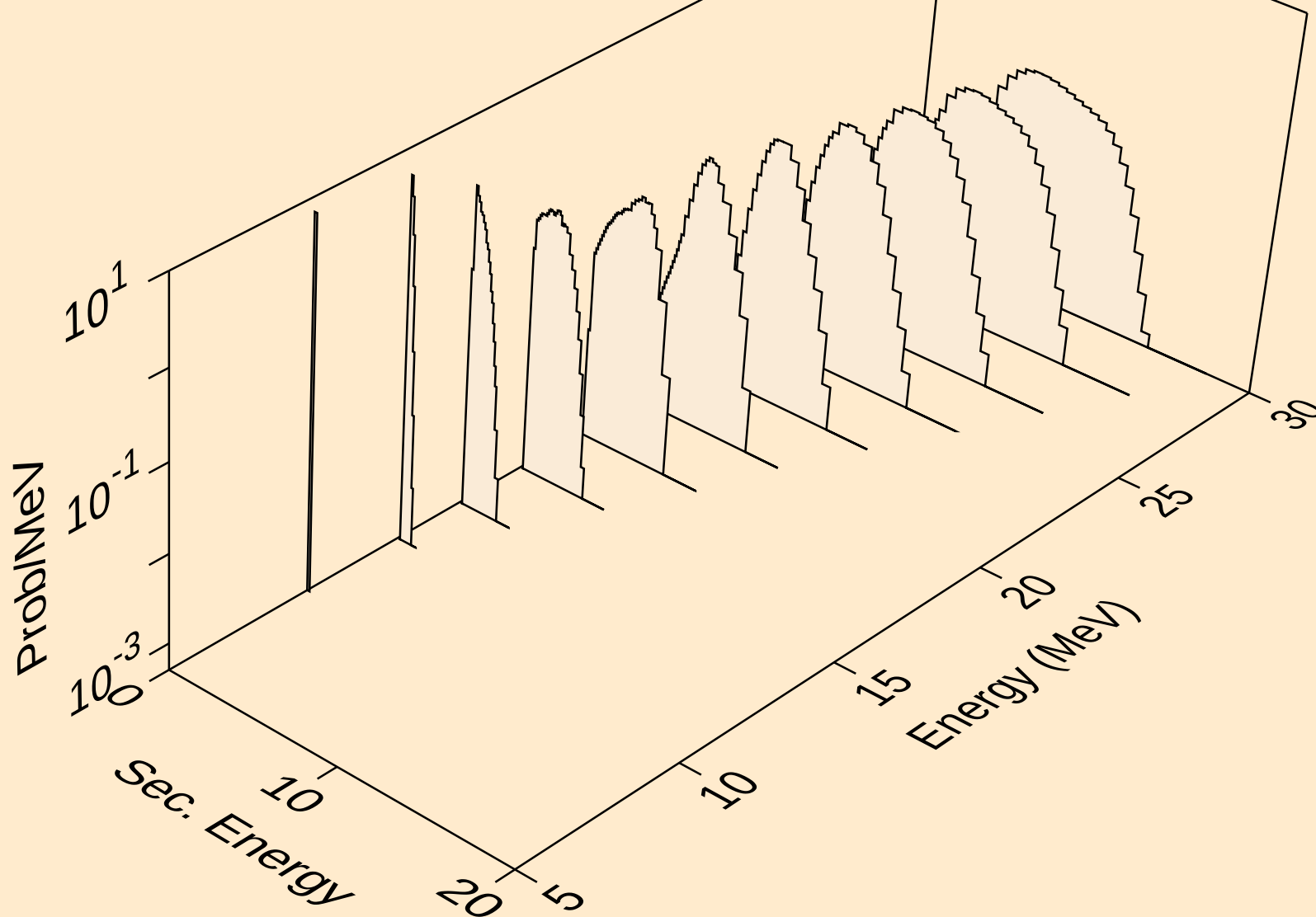
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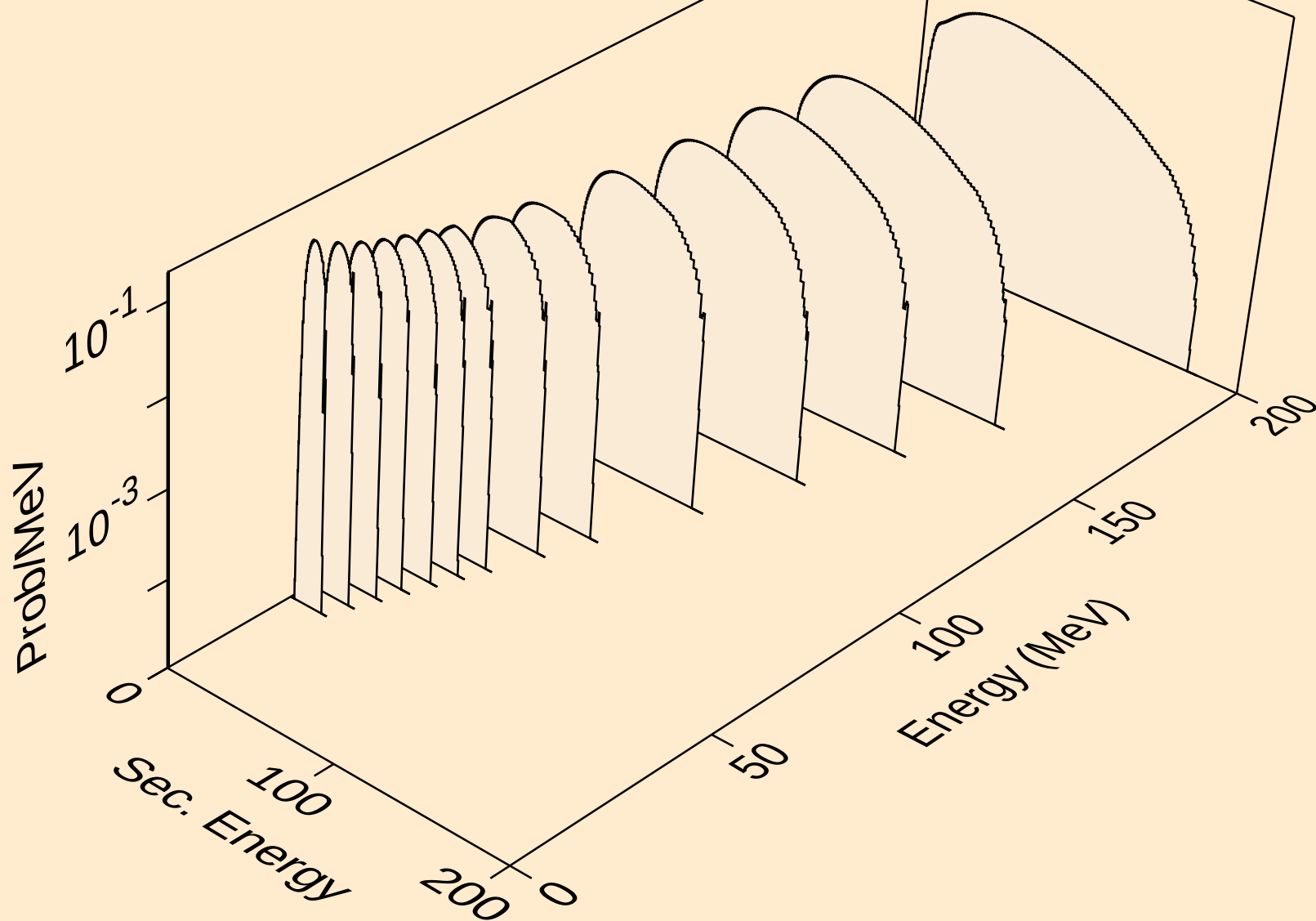
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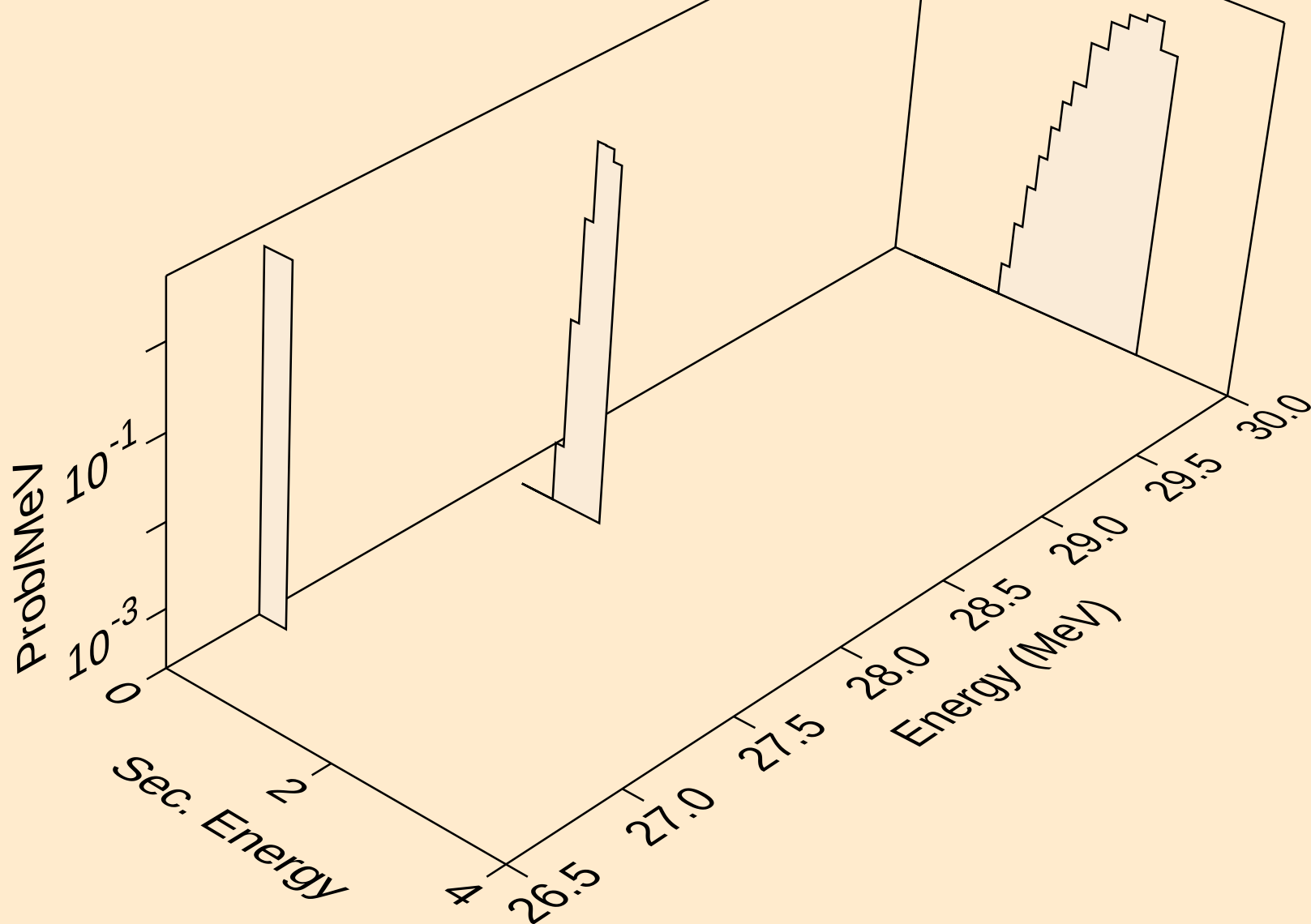
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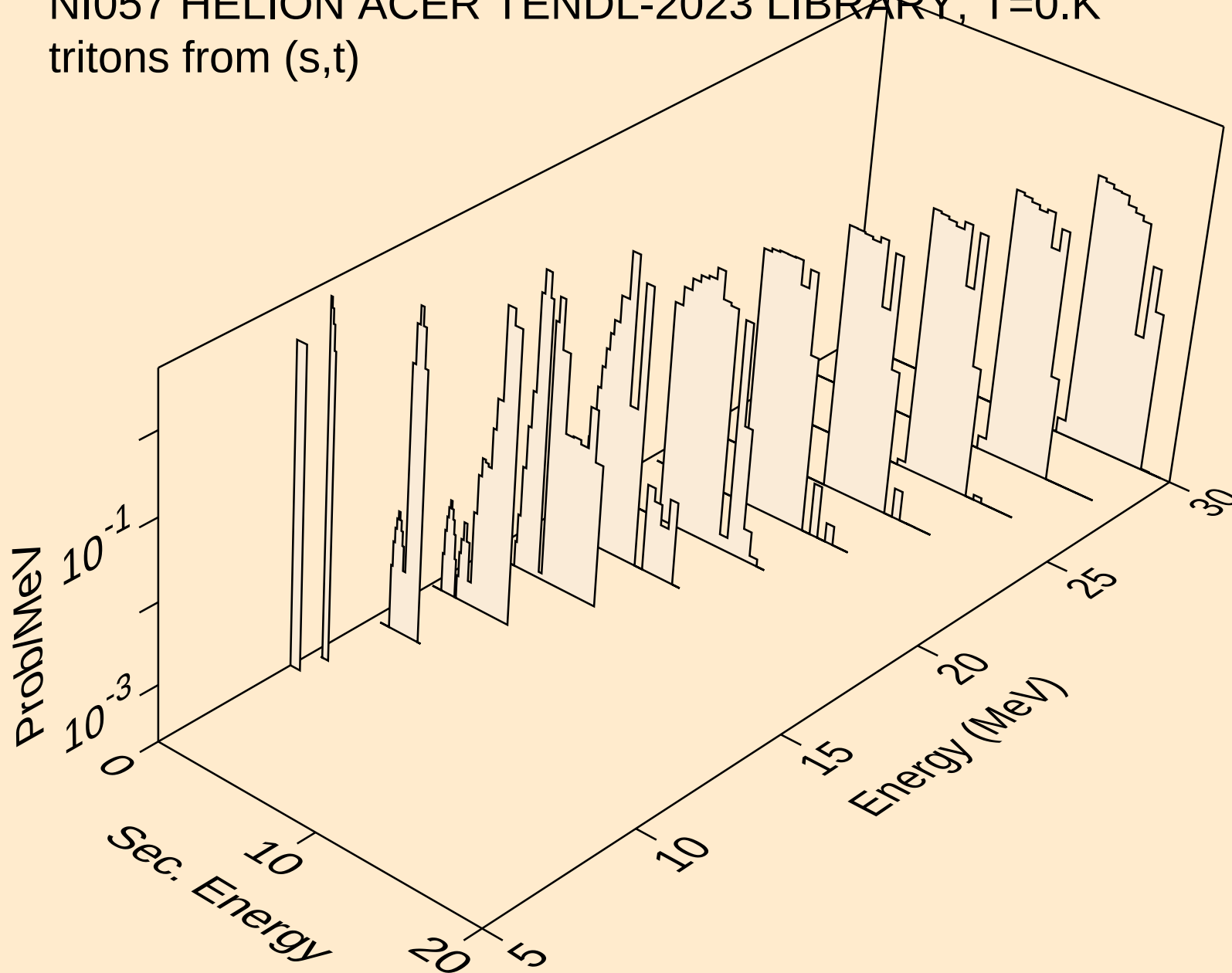
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tritons from (s,x)



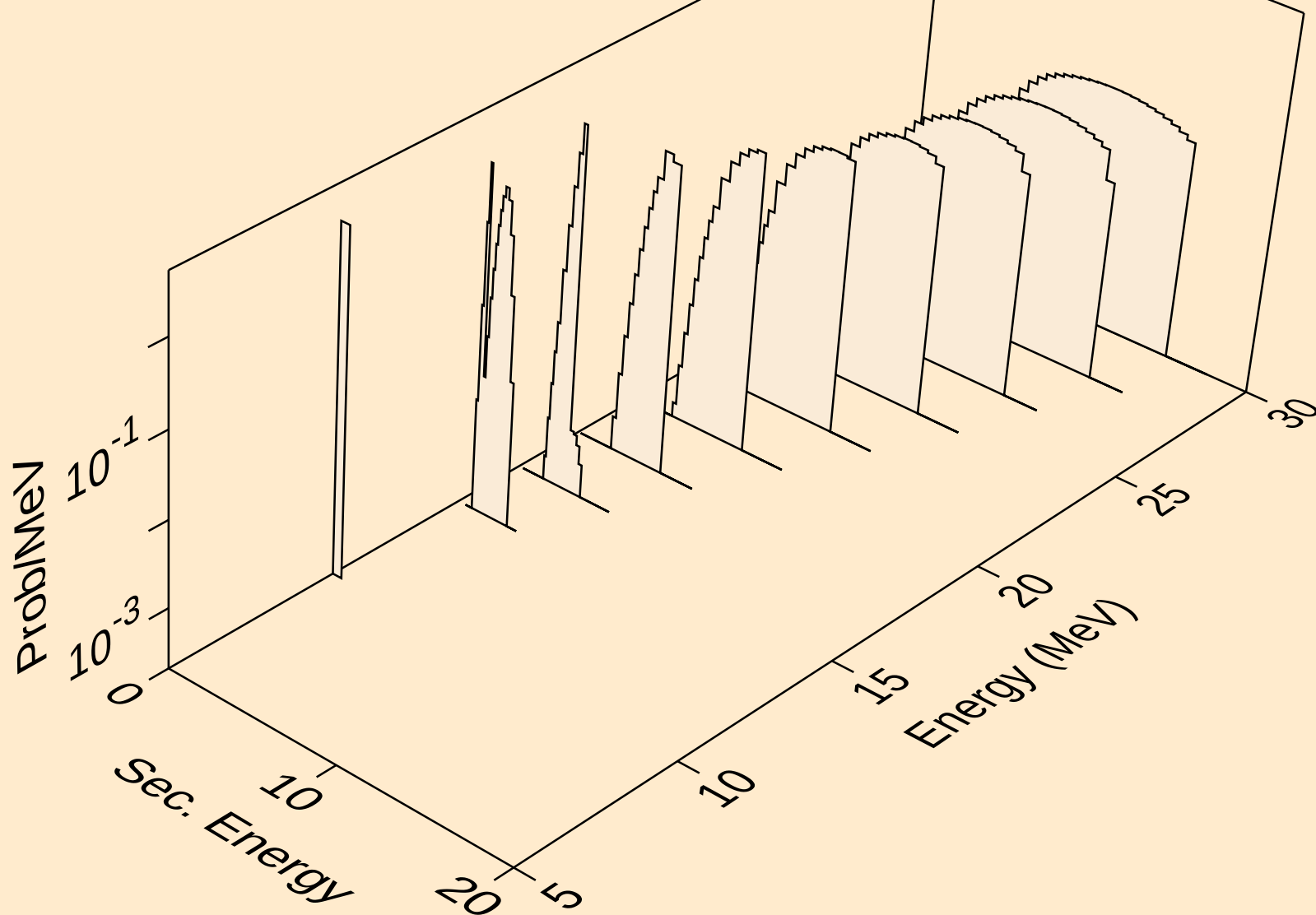
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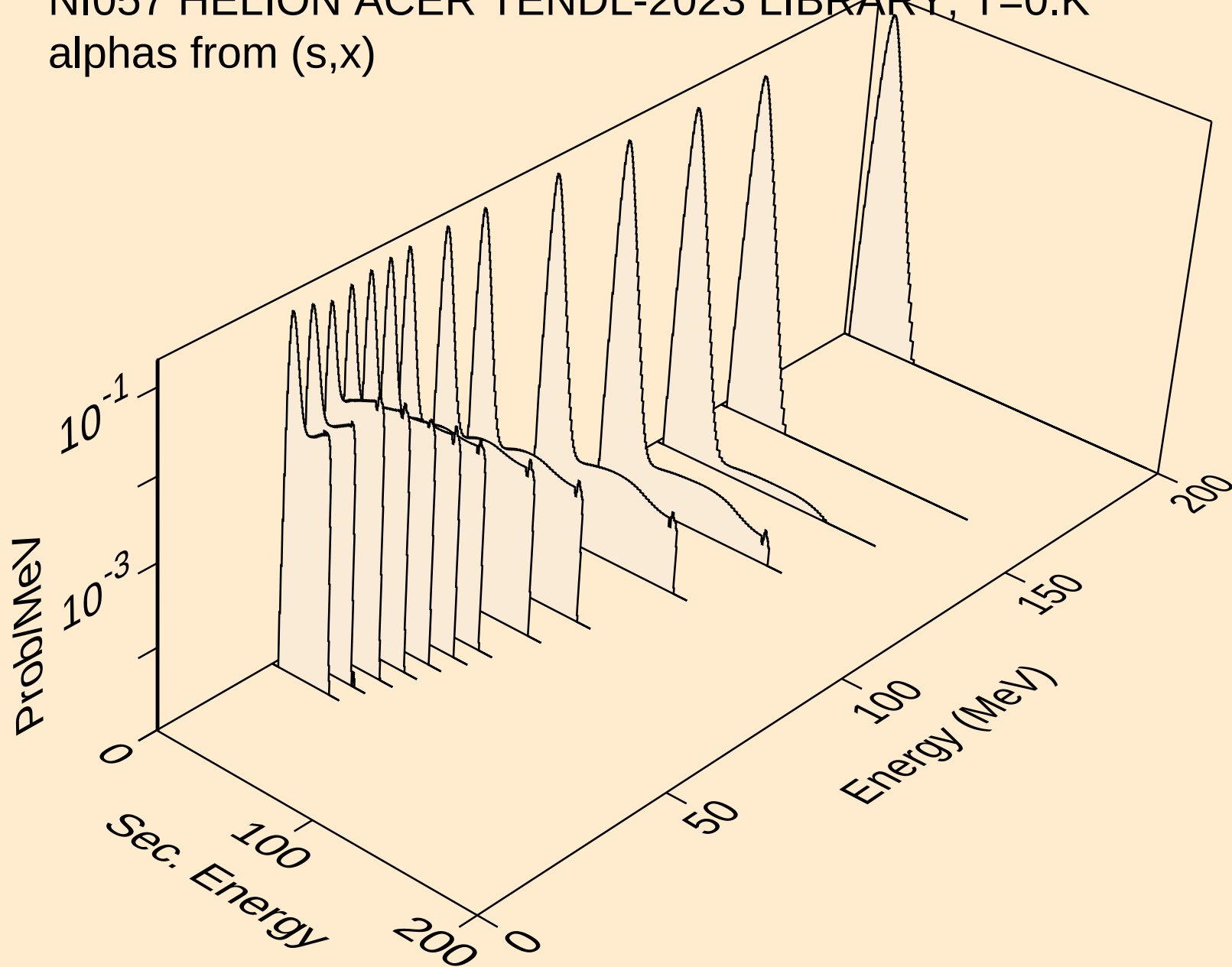
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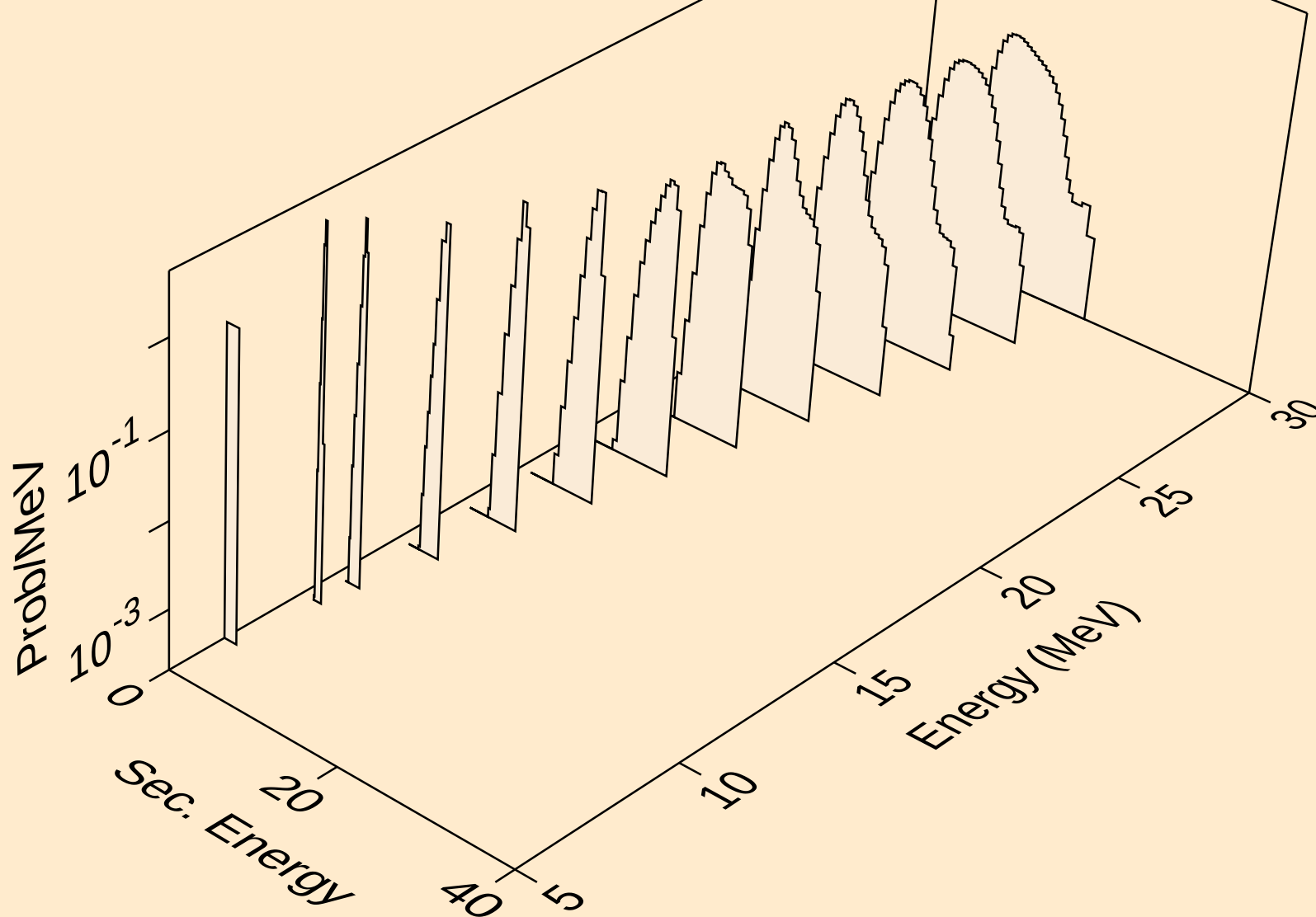
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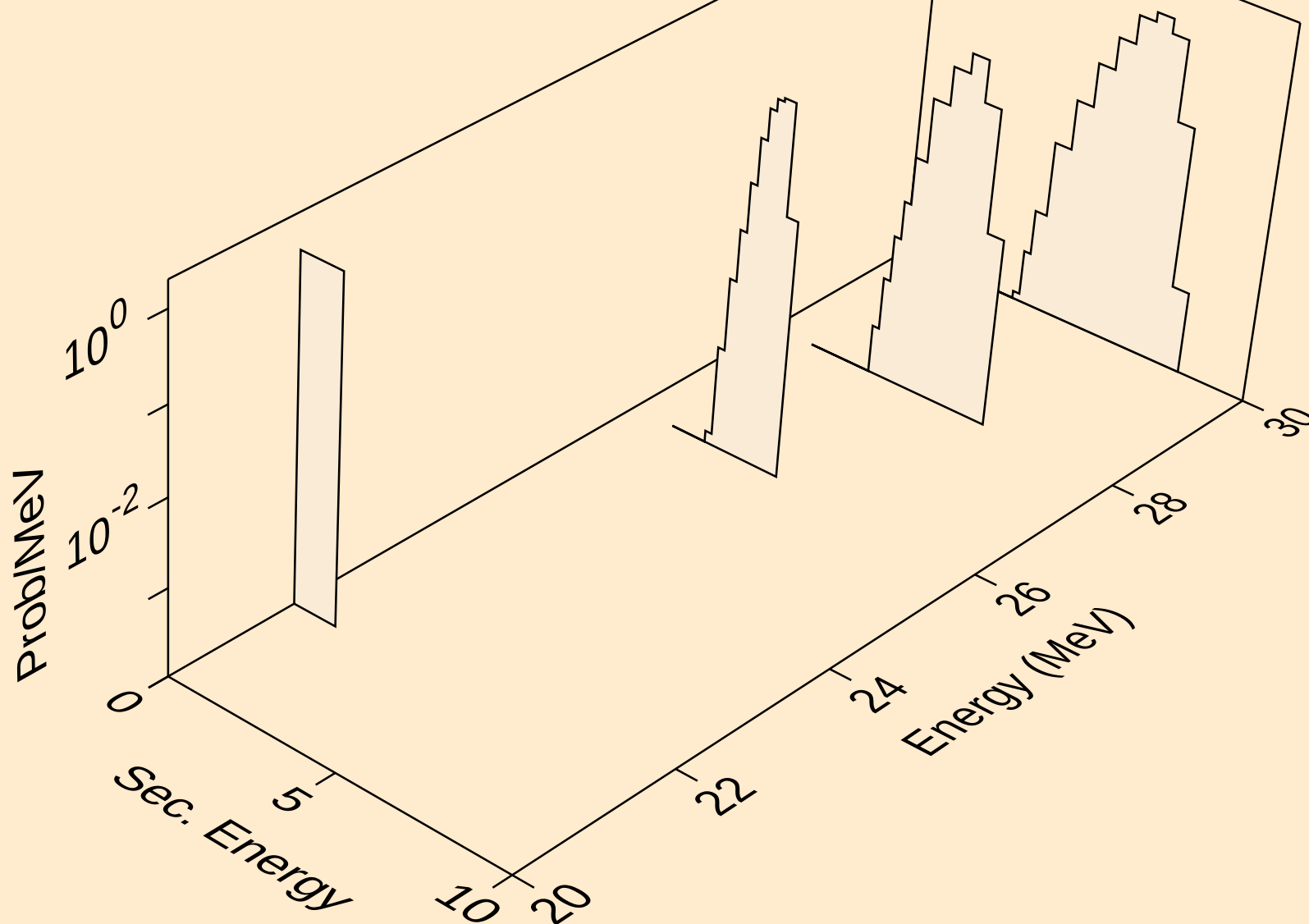
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alphas from (s,x)



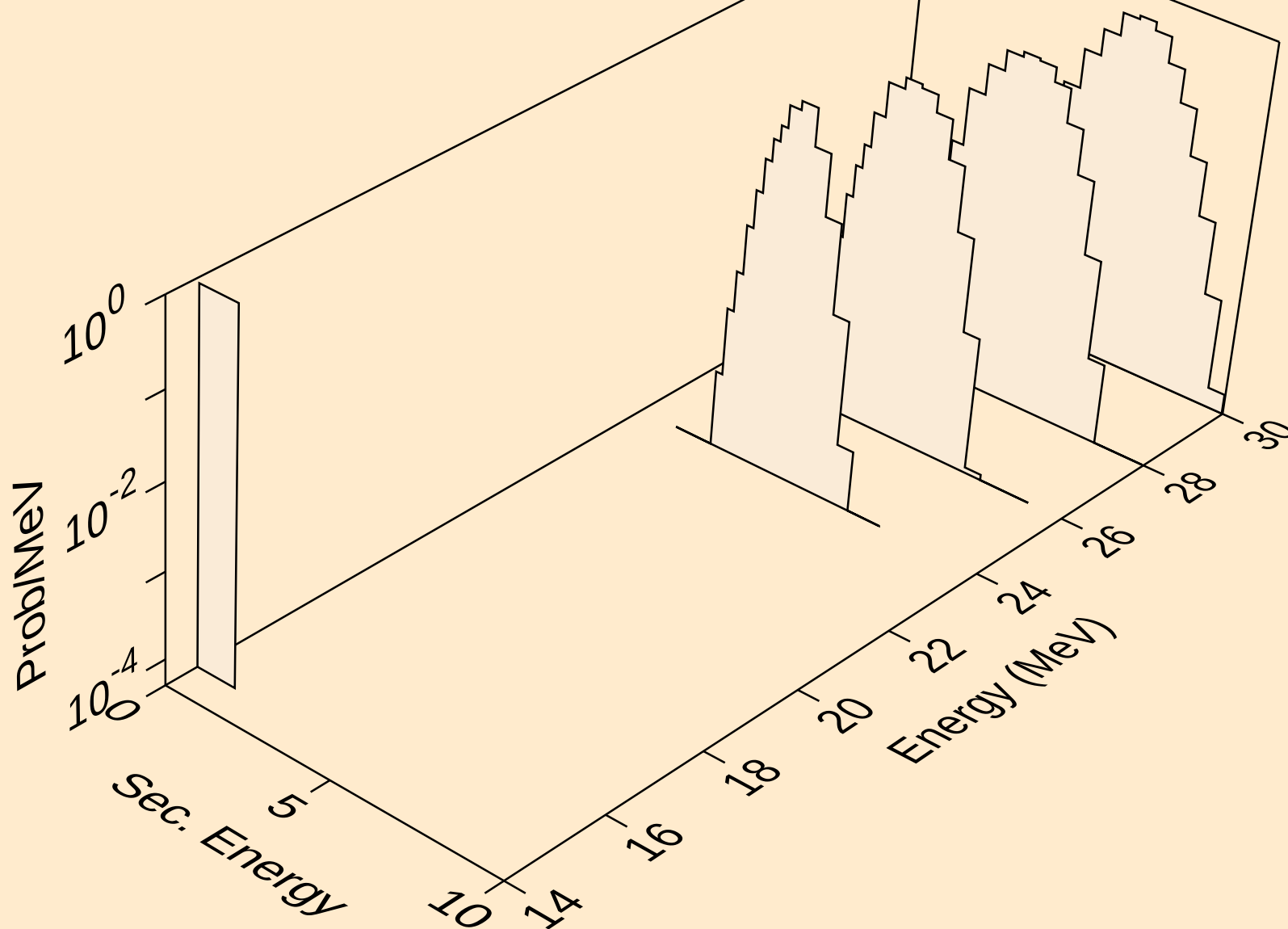
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alphas from (s,n*)a



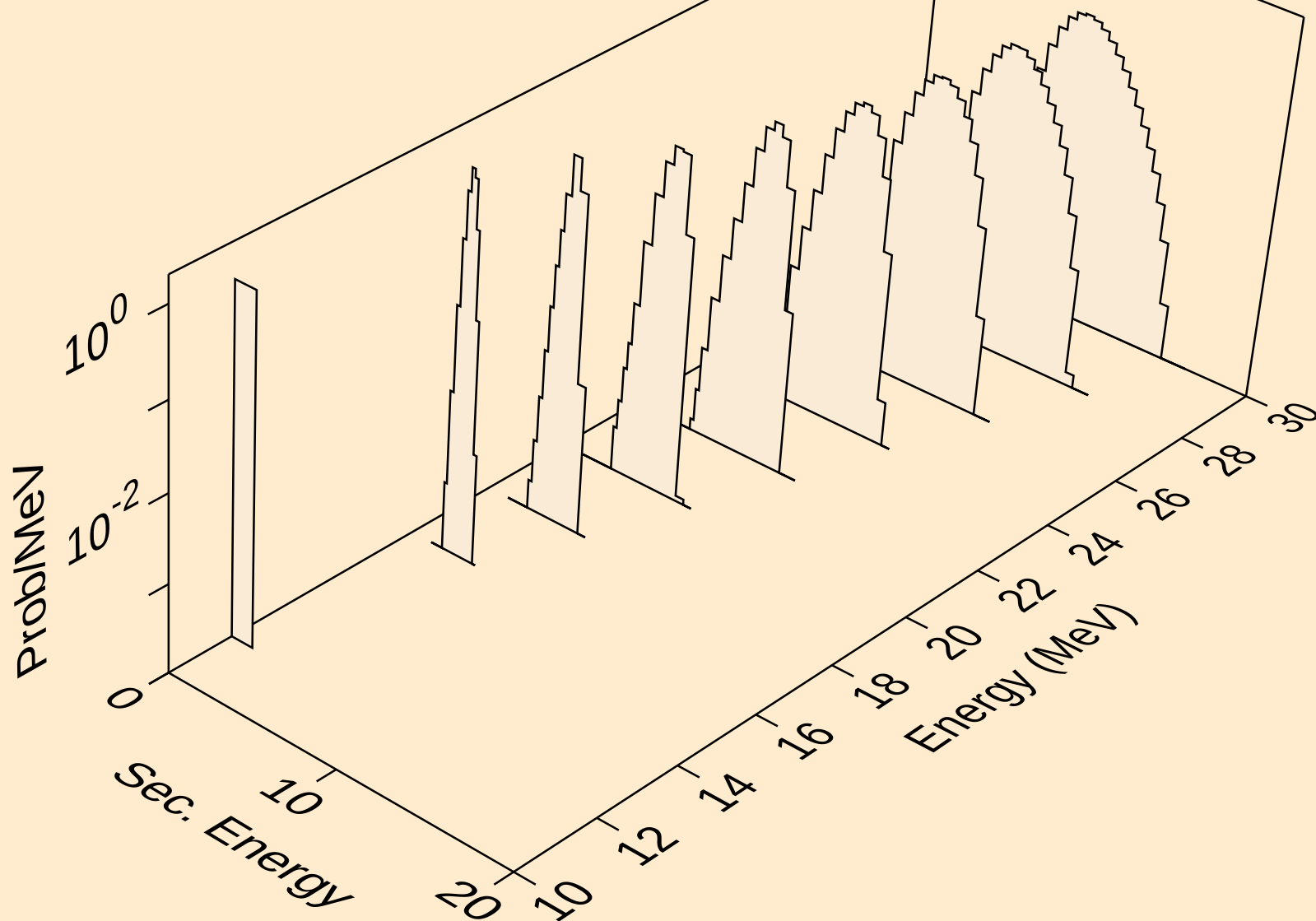
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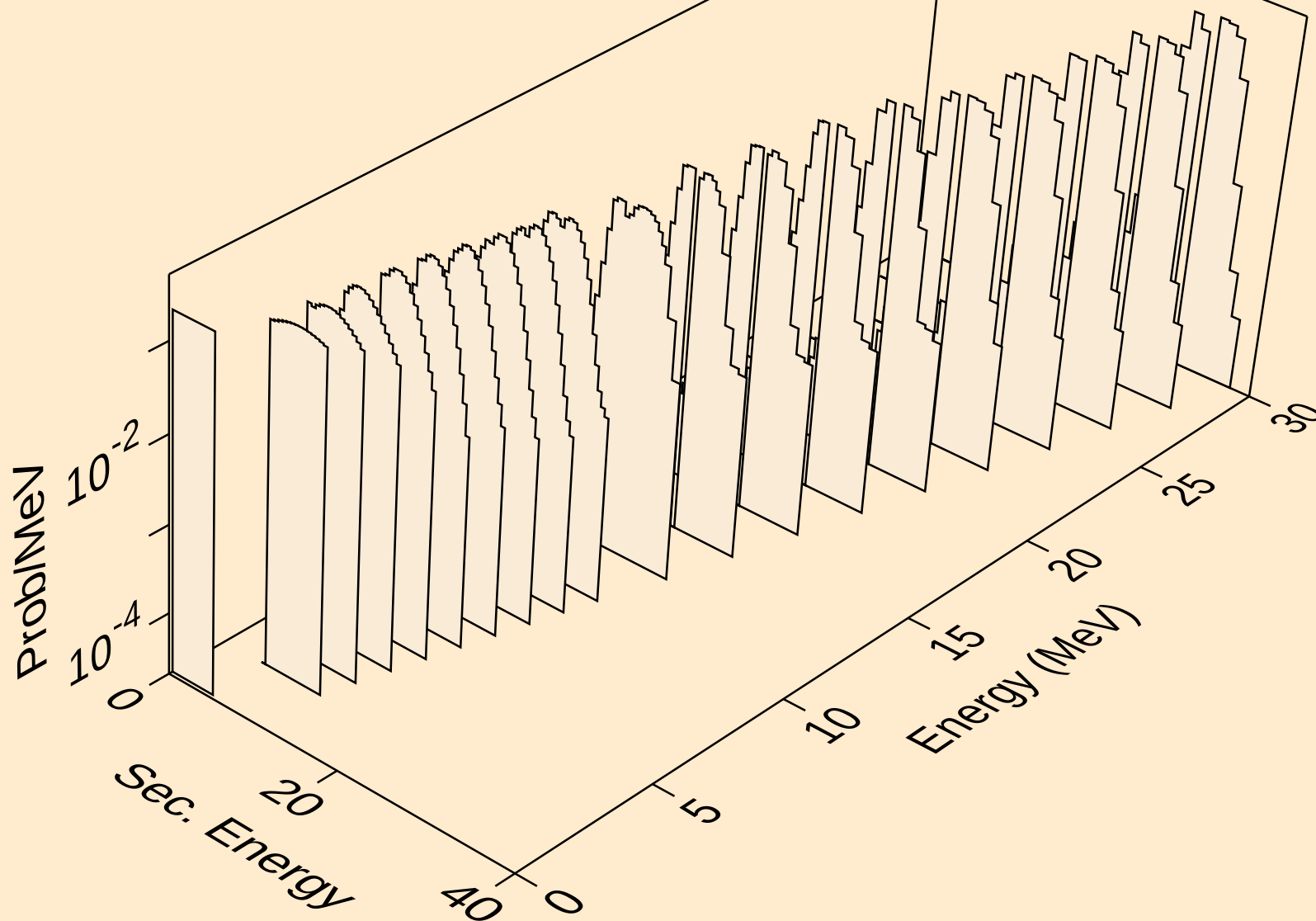
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alphas from (s,n*)2a



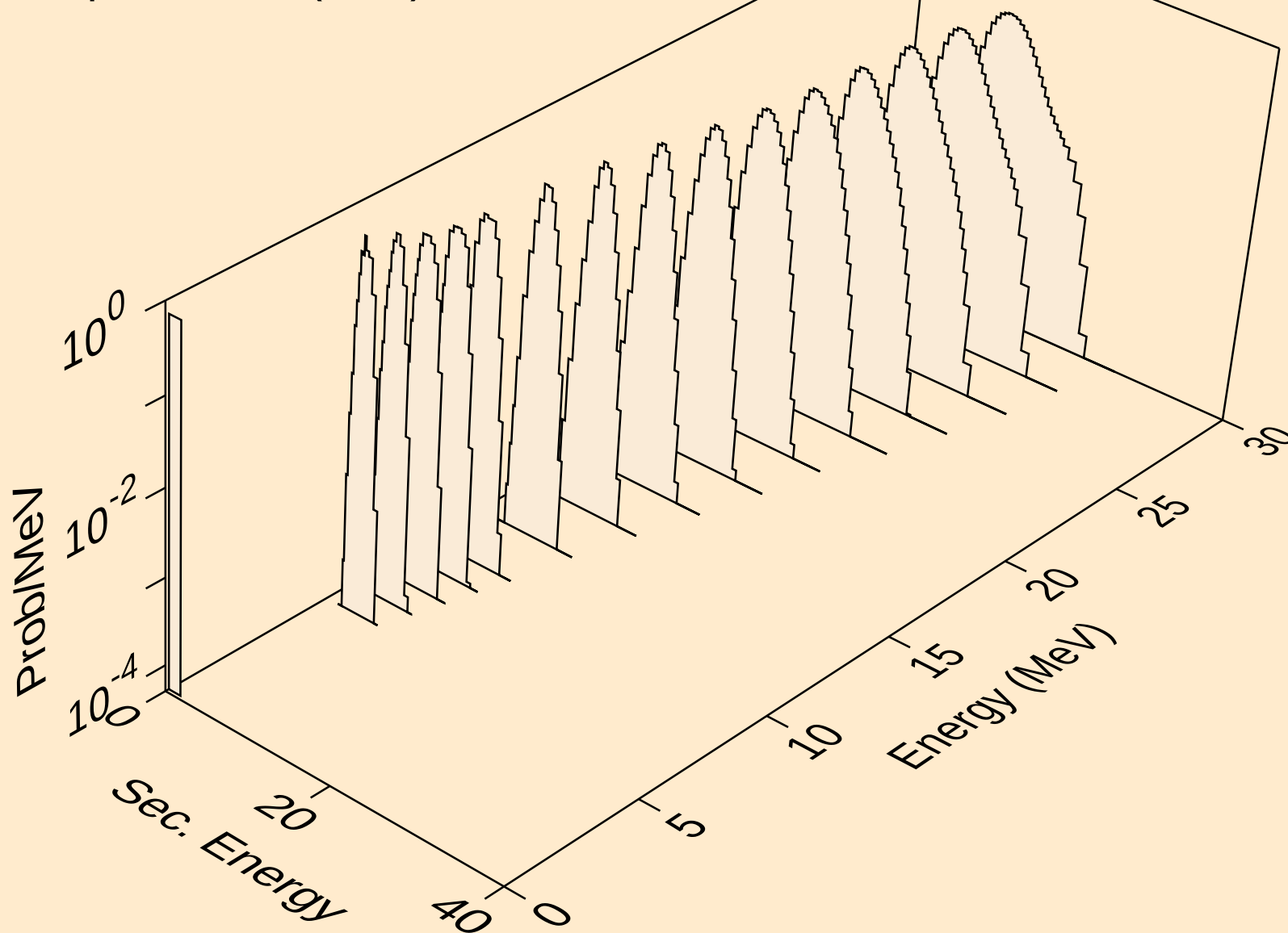
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alphas from (s,npa)



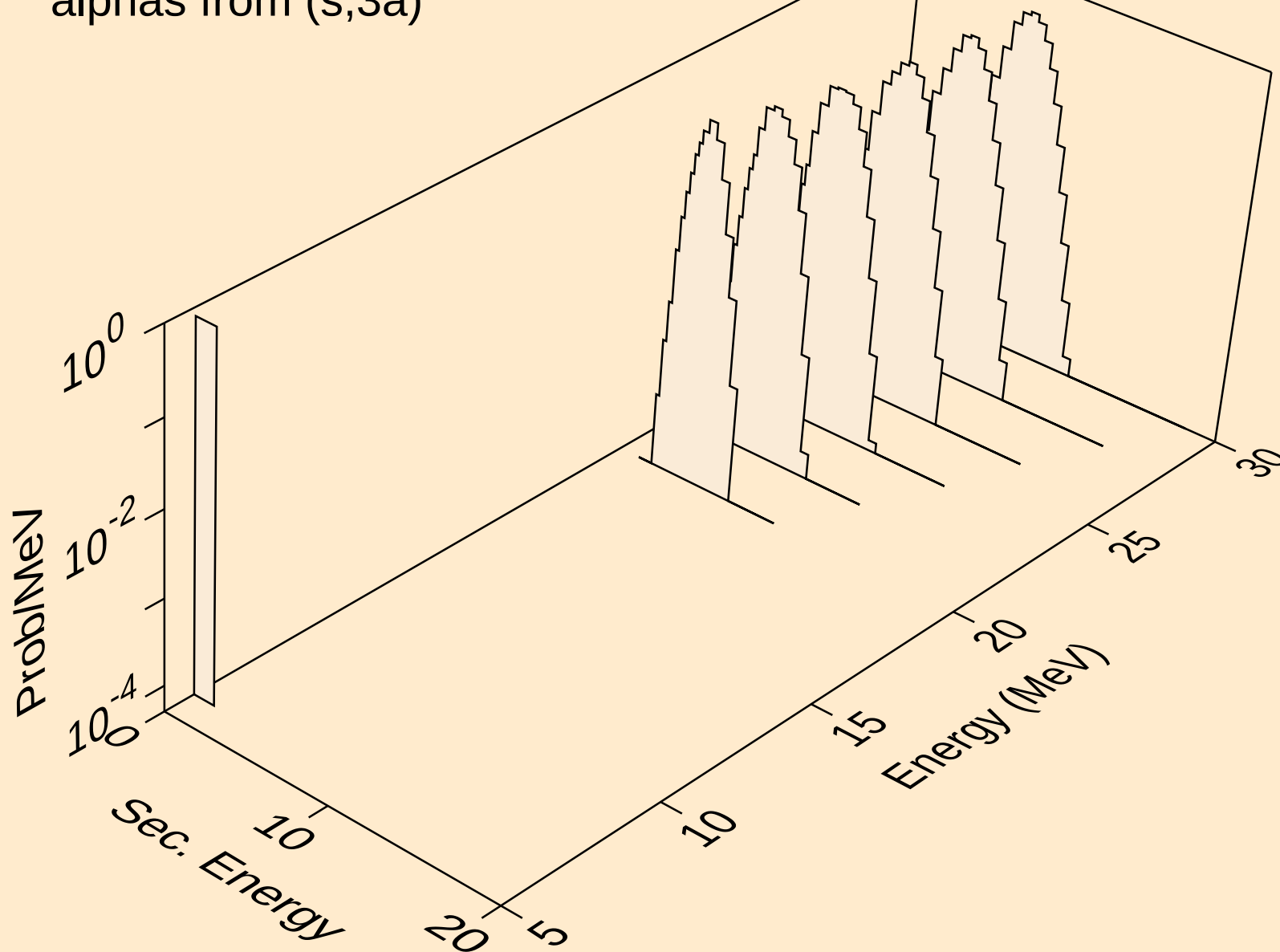
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alphas from (s,a)



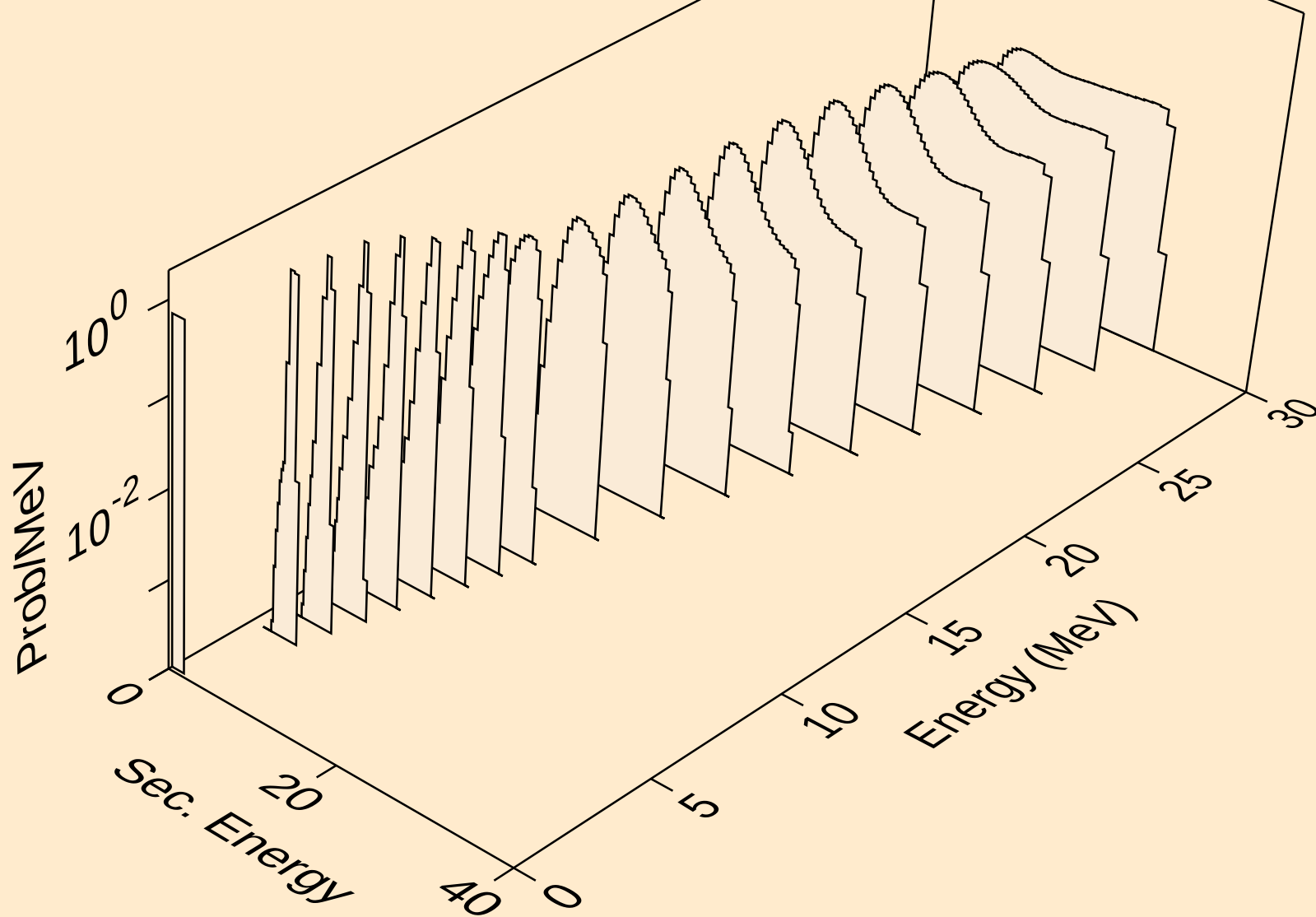
NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2a)



NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,3a)



NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,pa)



NI057 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,da)

