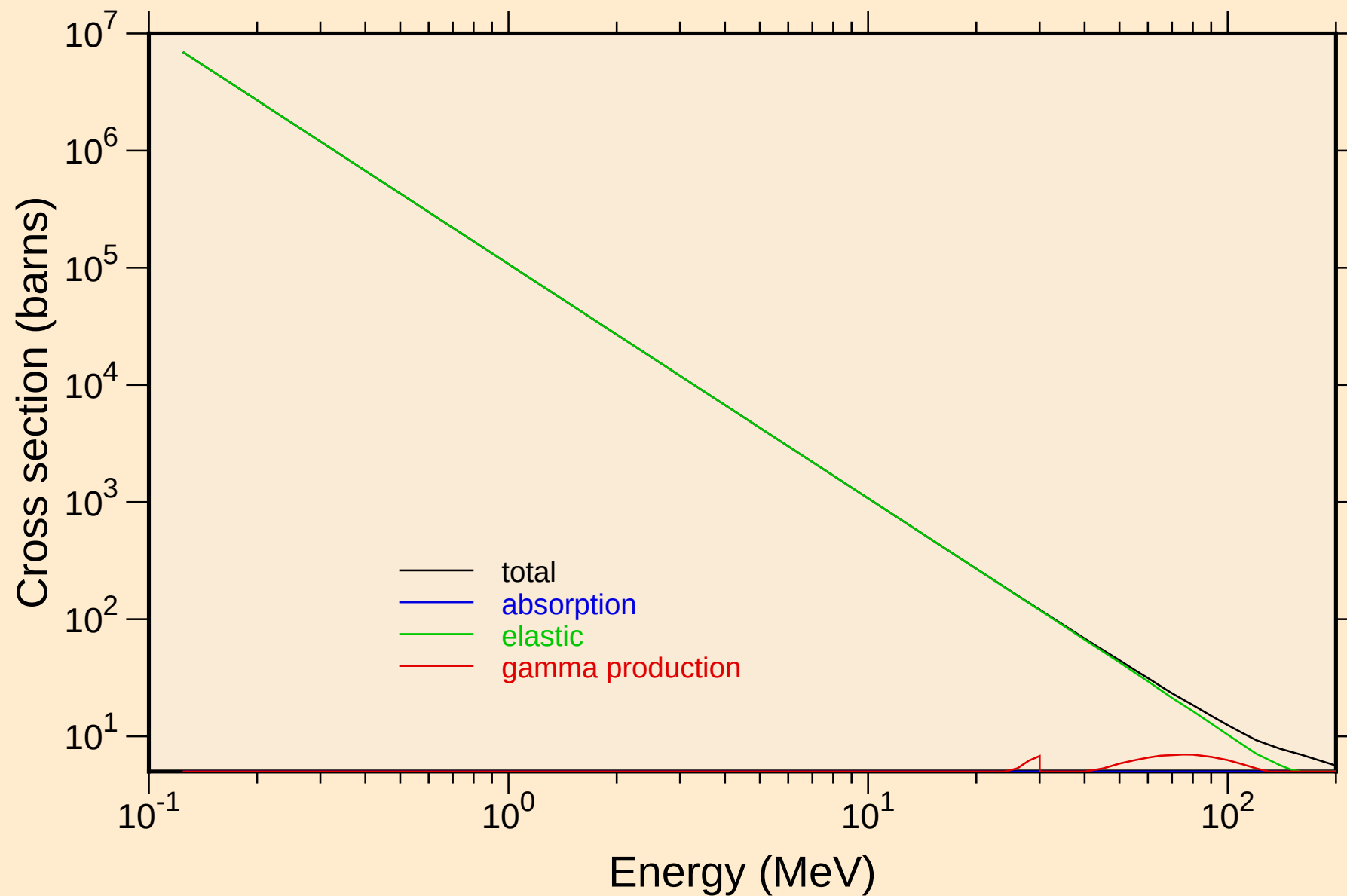


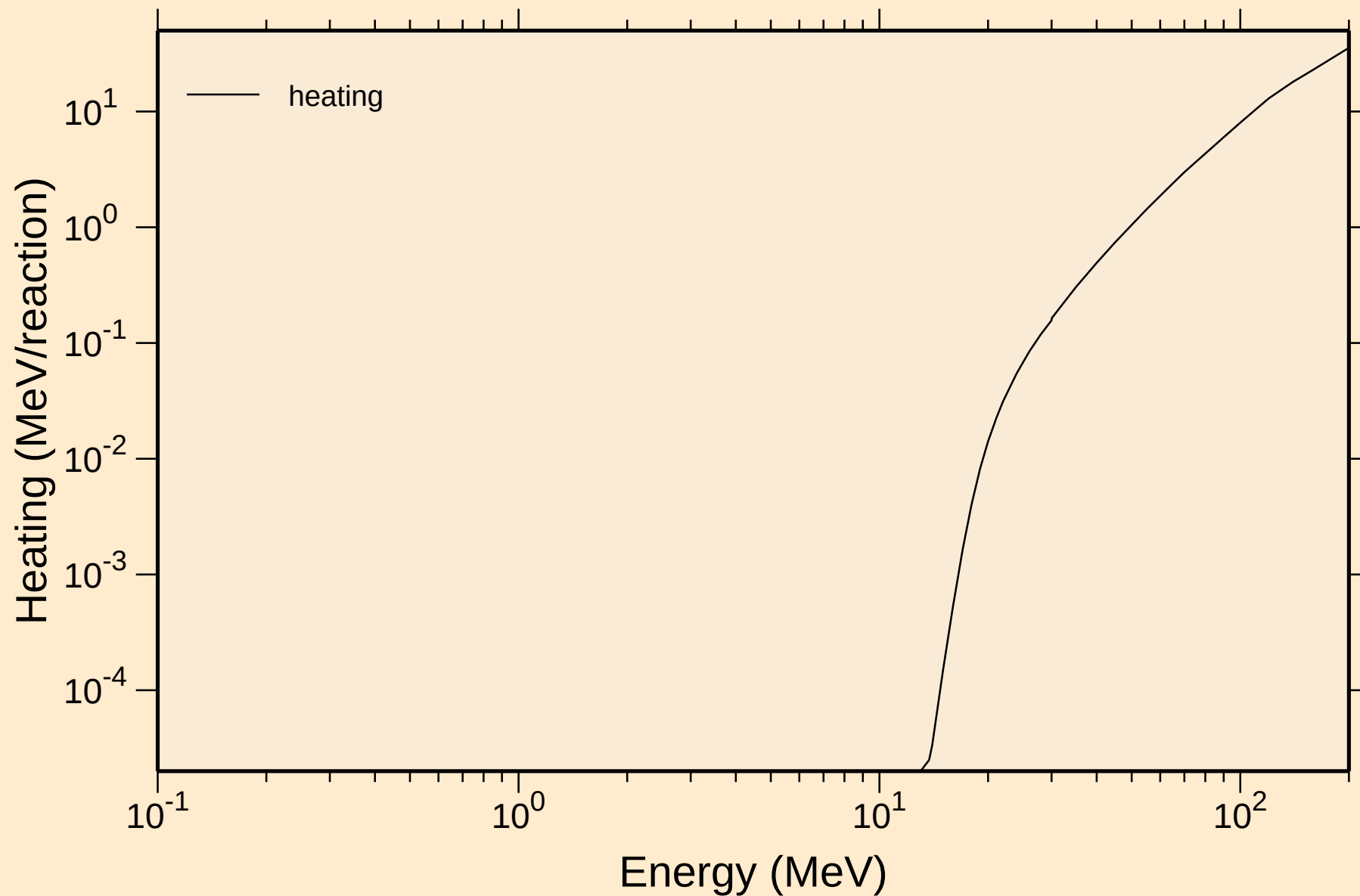
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



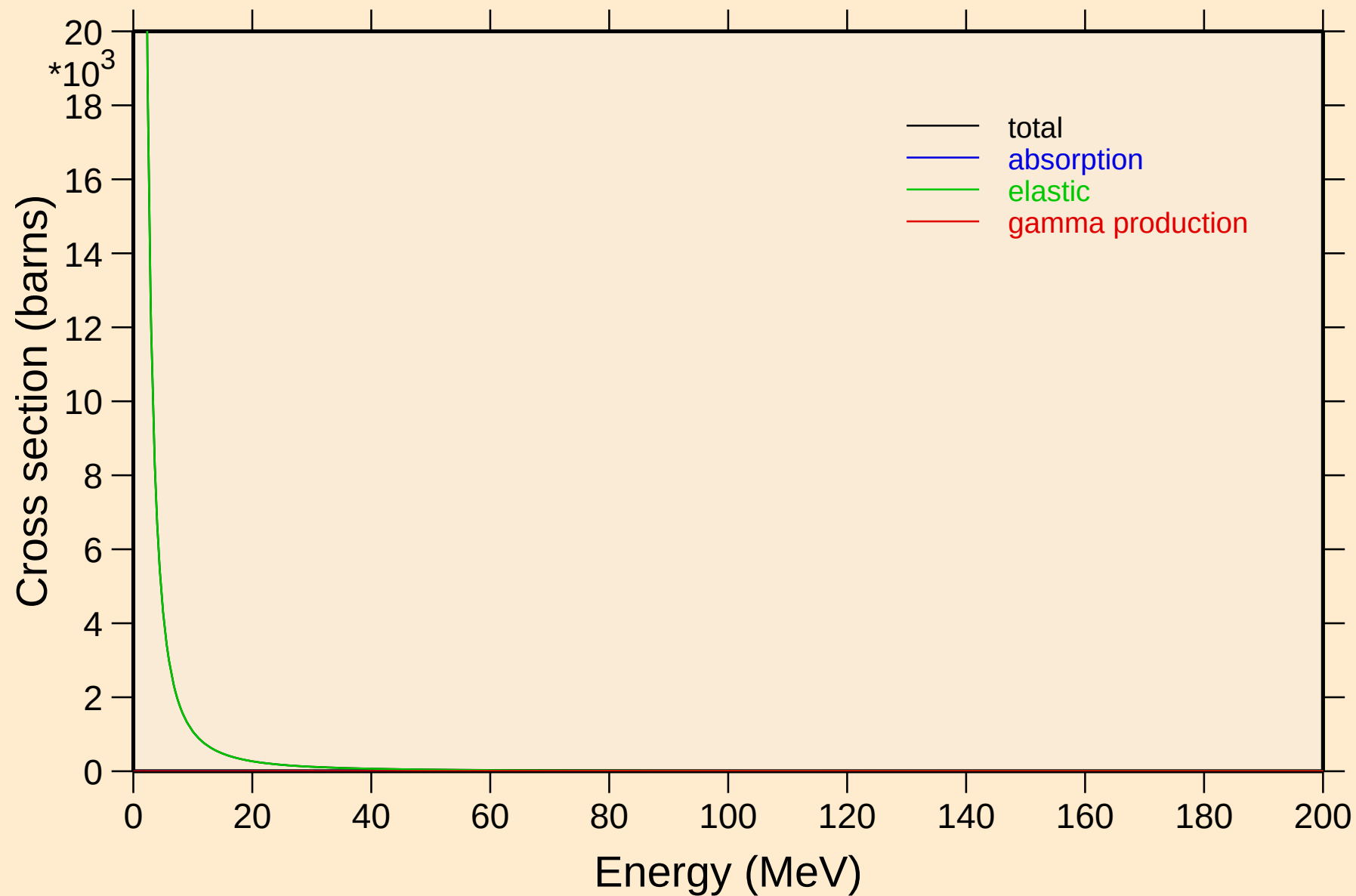
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Heating



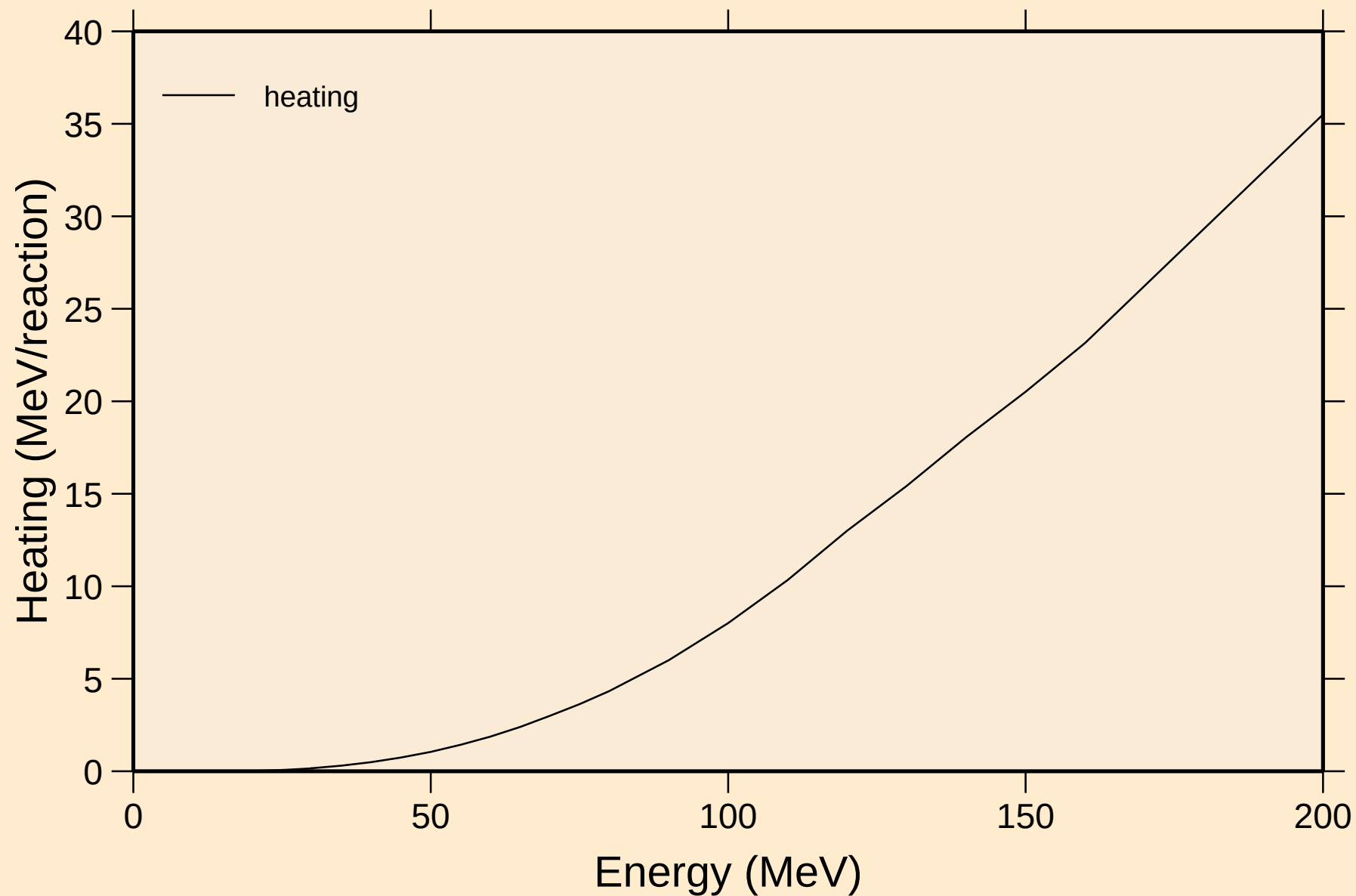
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Principal cross sections



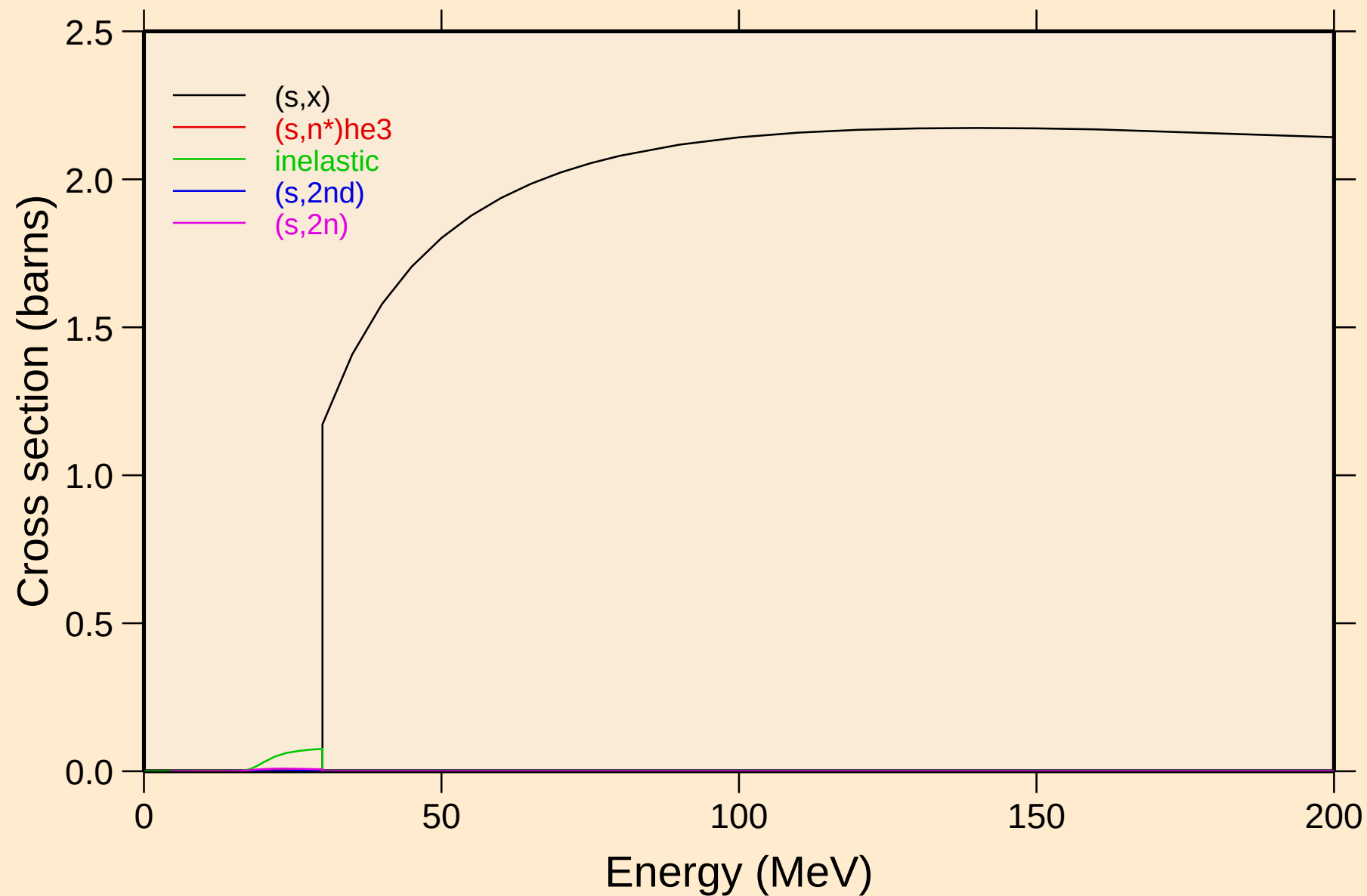
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Heating

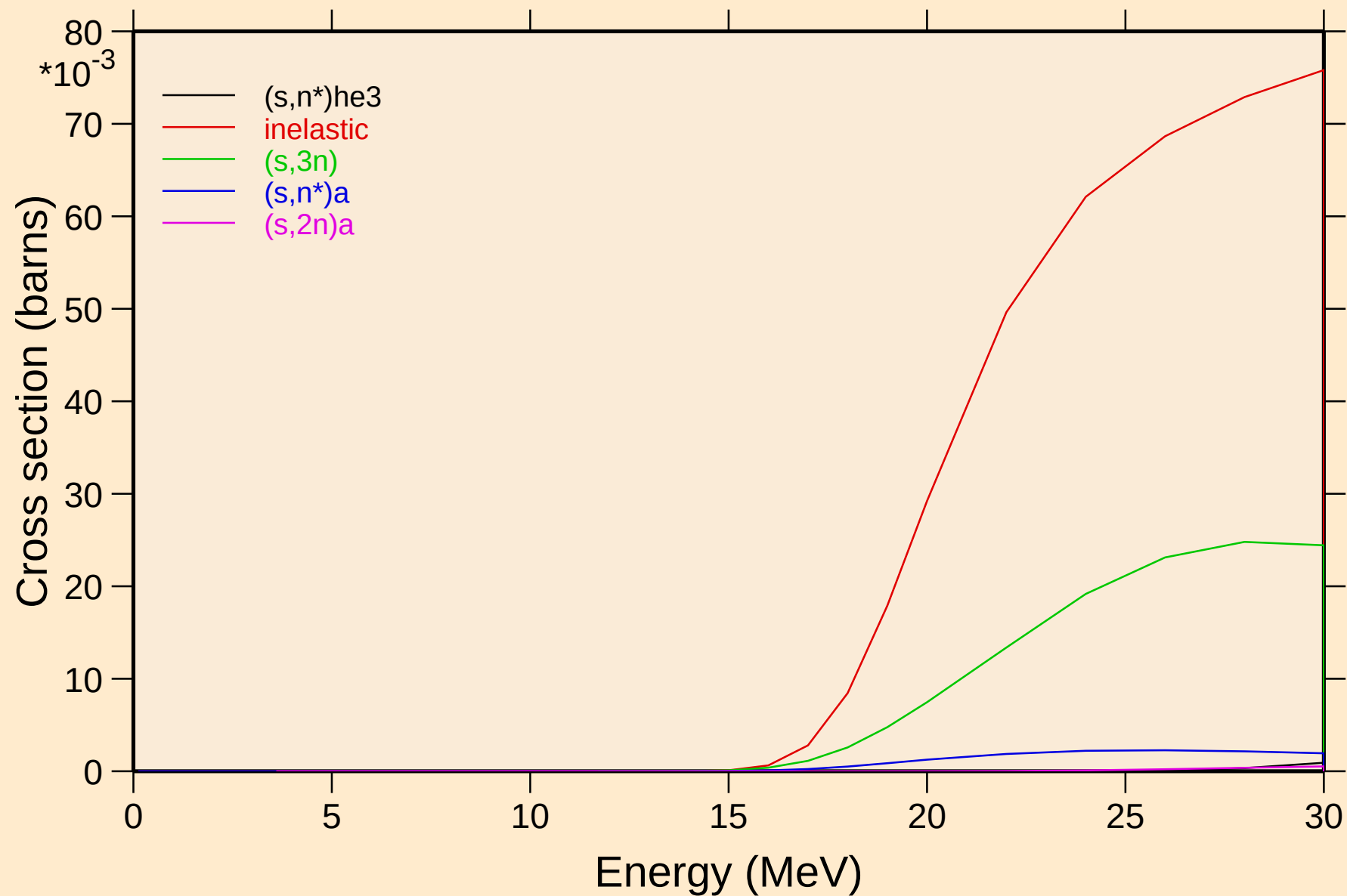


TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

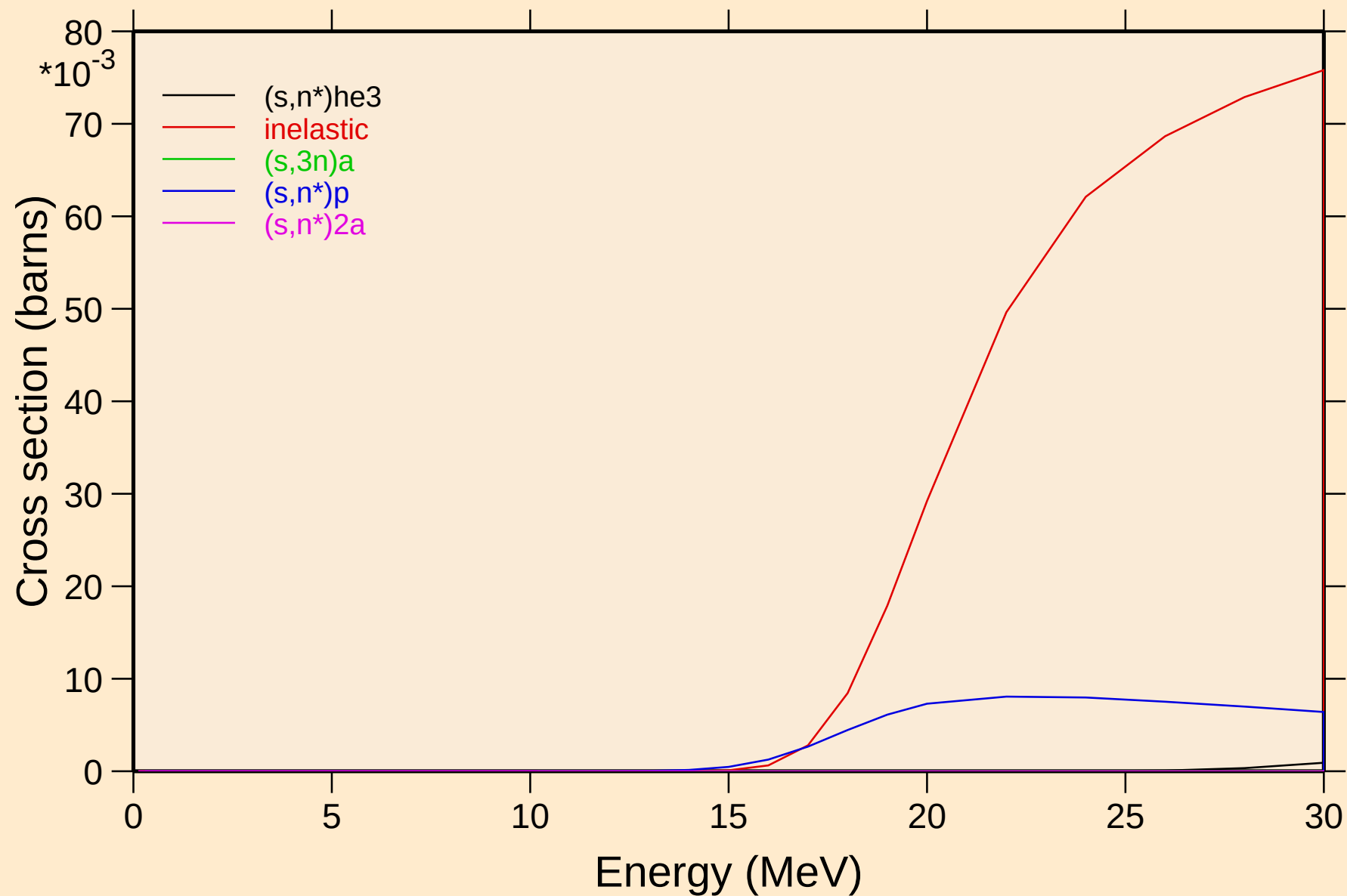


TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

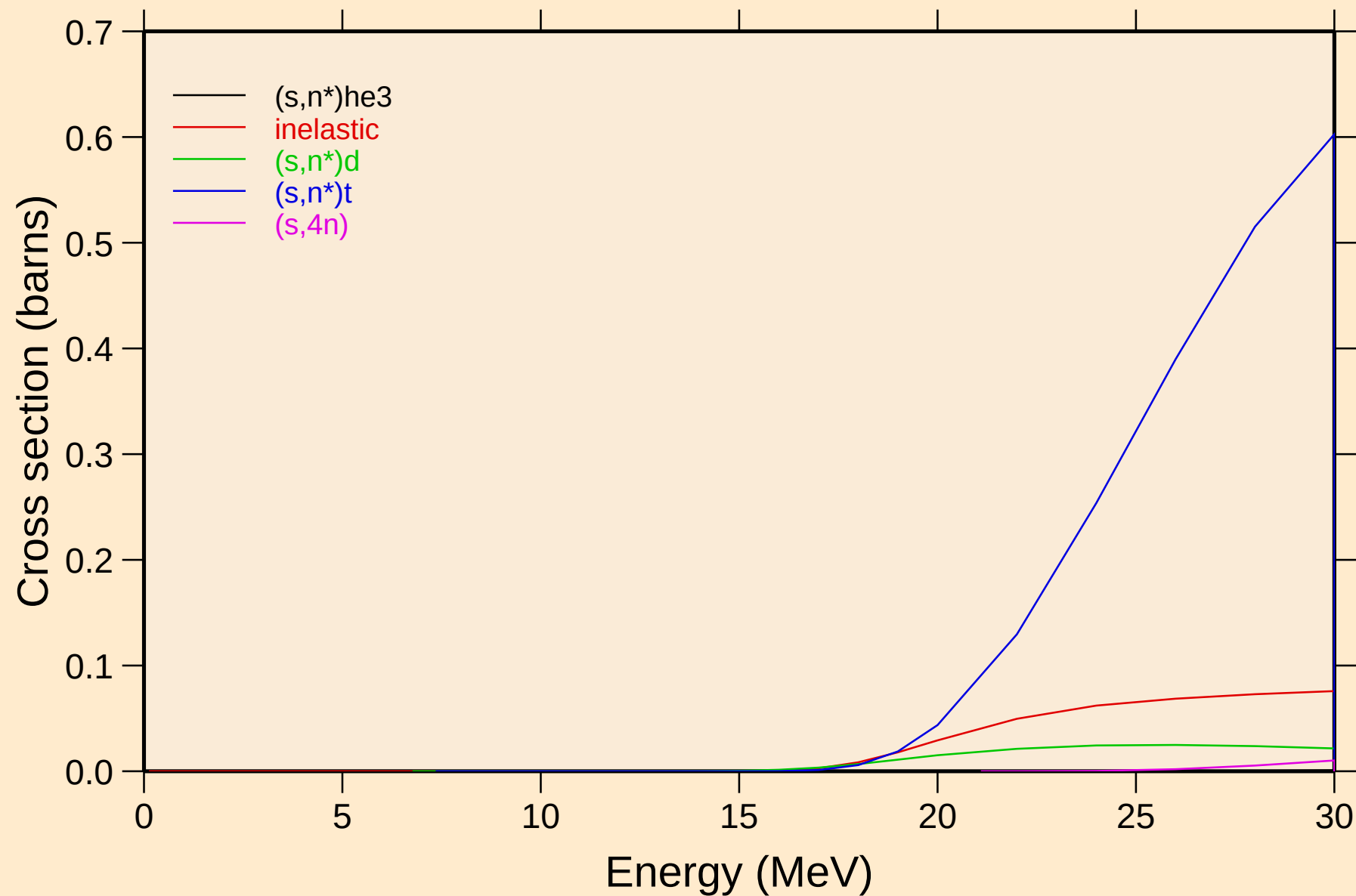


TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

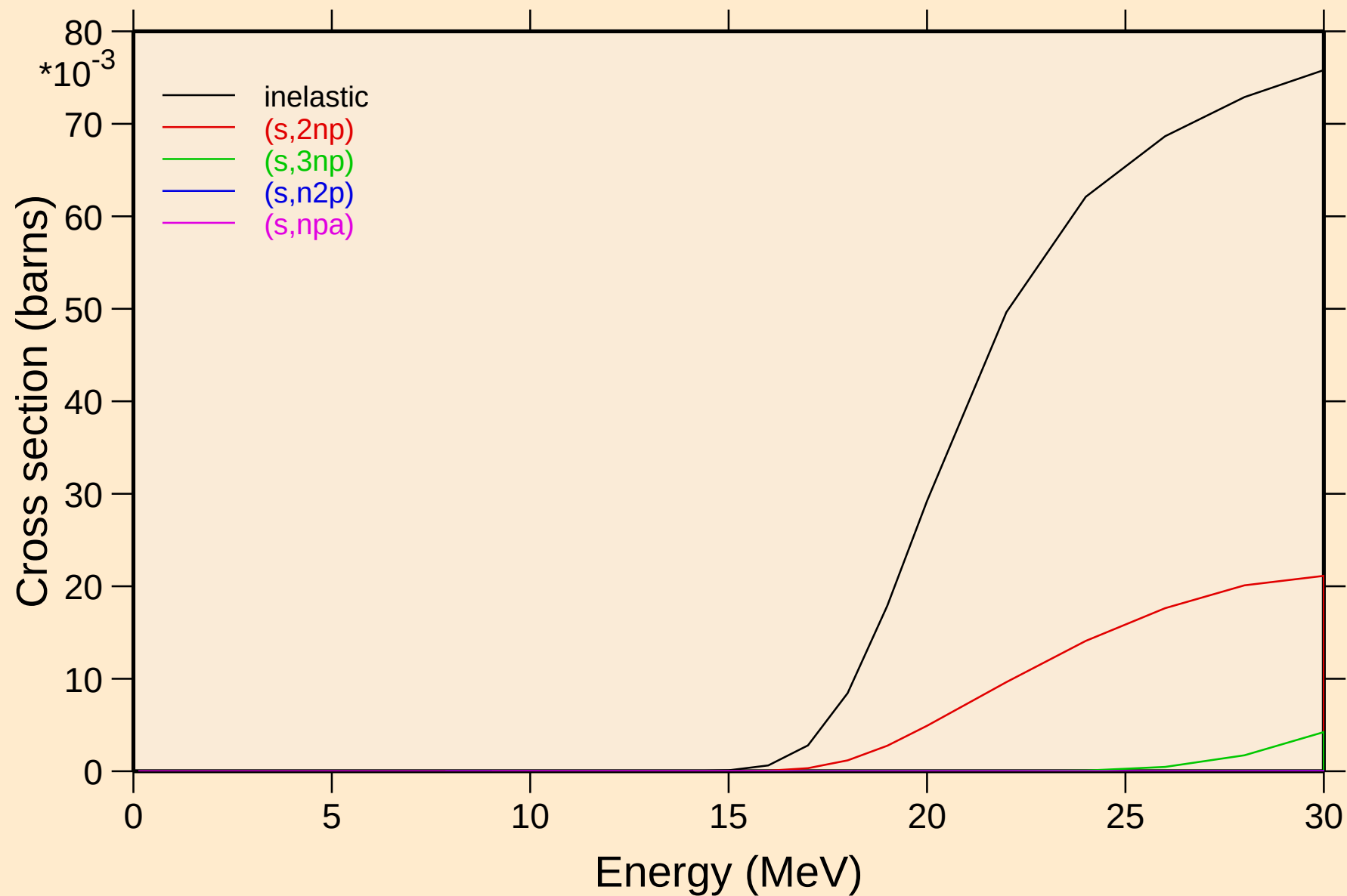


TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

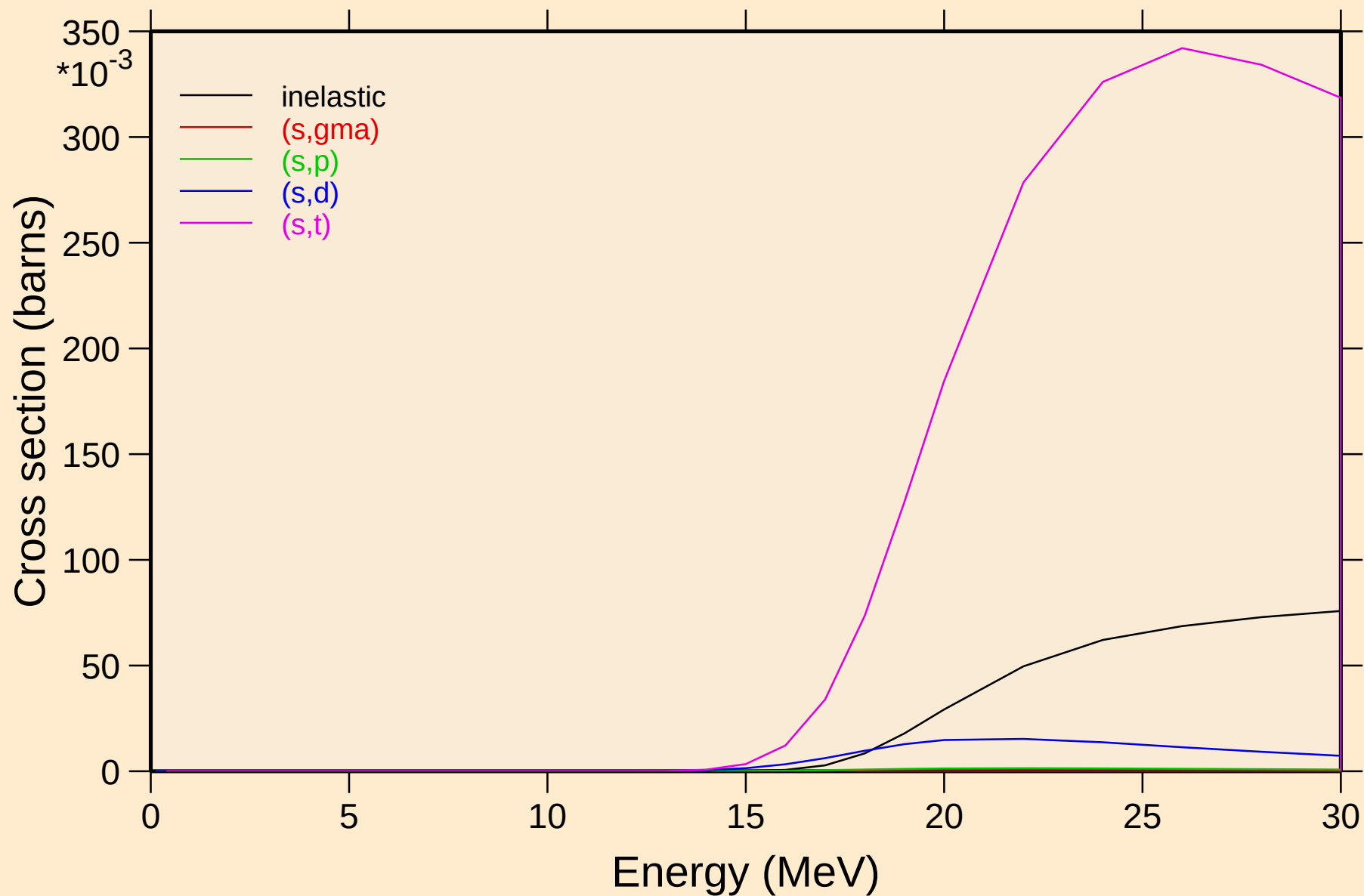


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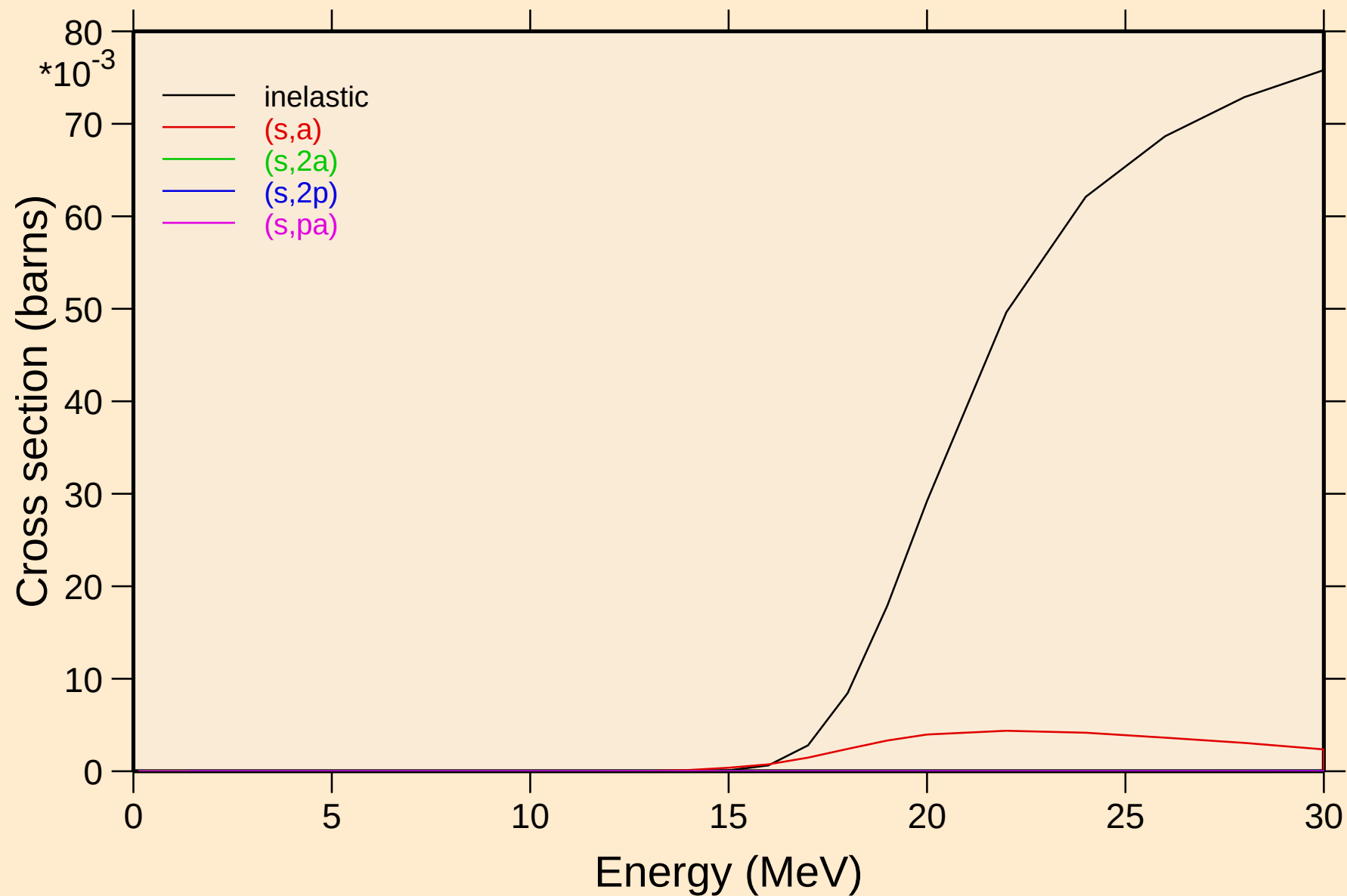
Threshold reactions



TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

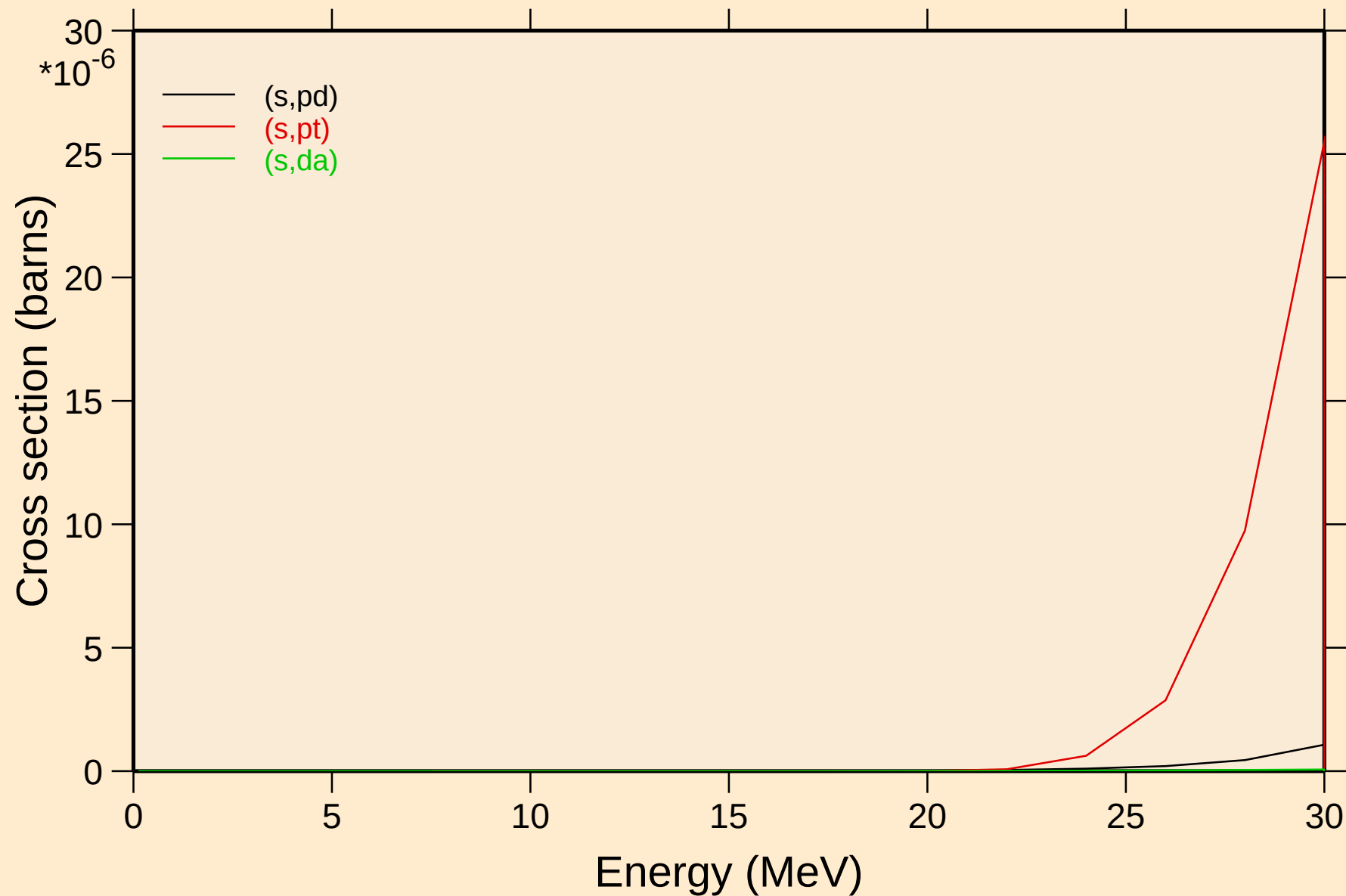


TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

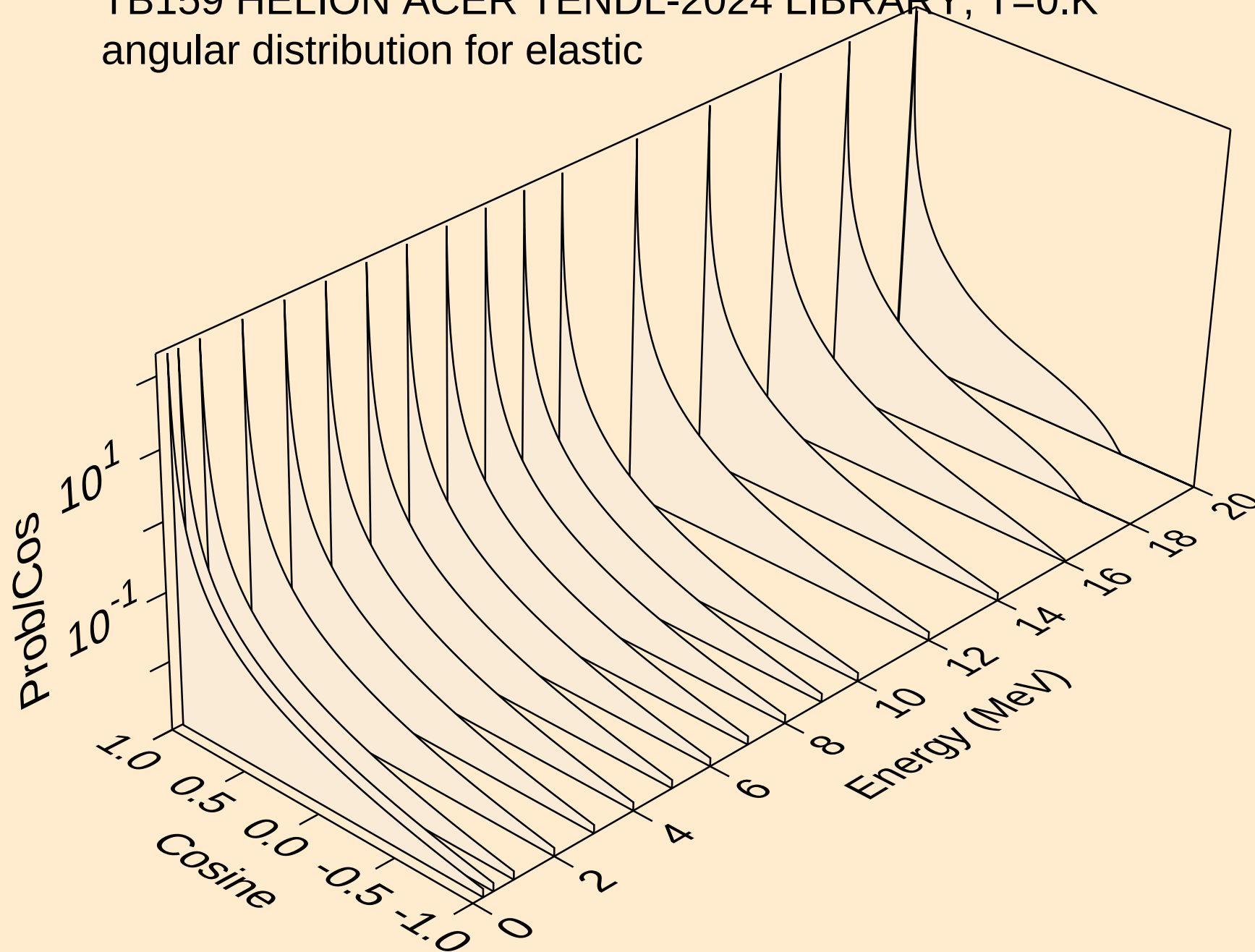


TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

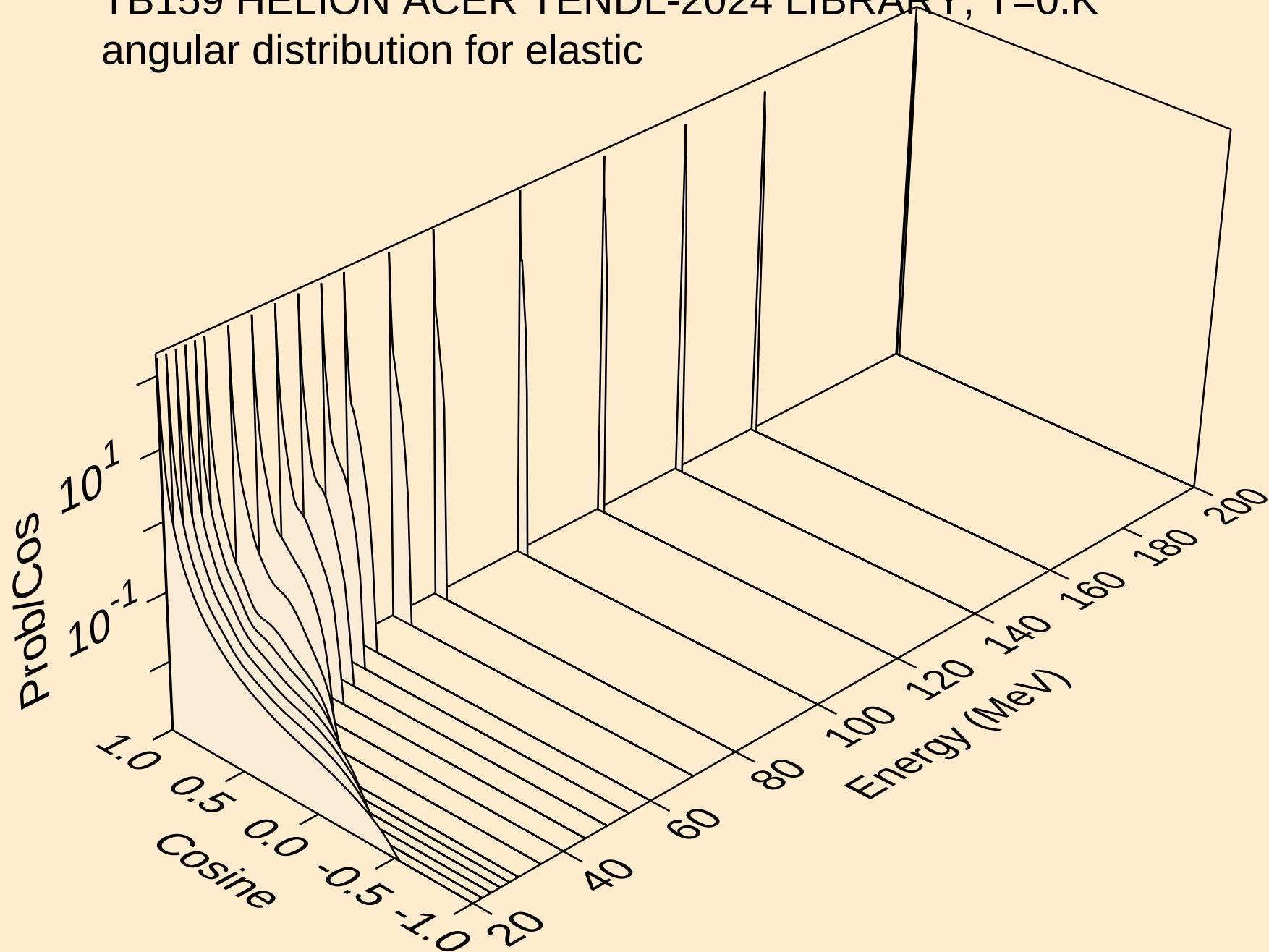
Threshold reactions



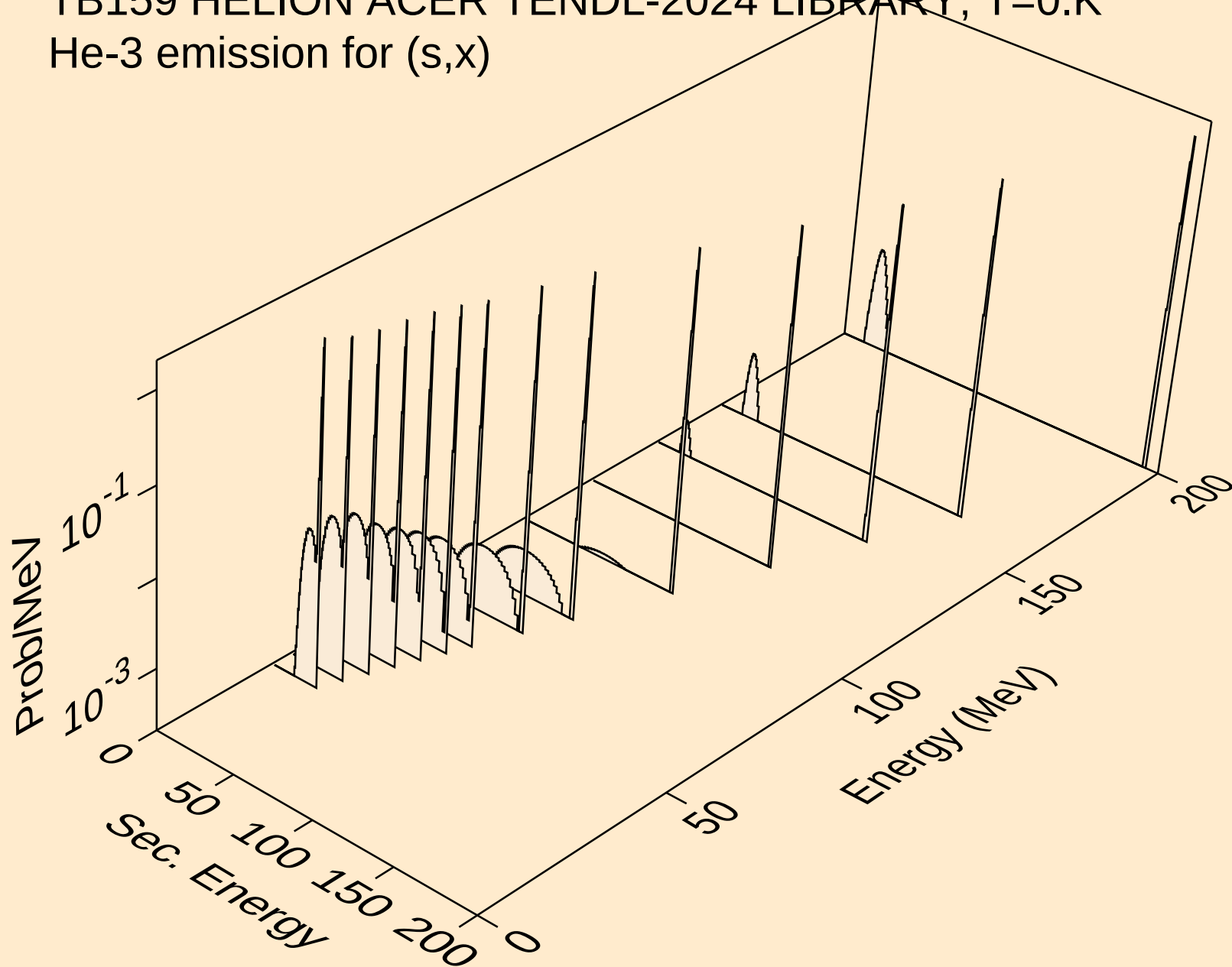
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



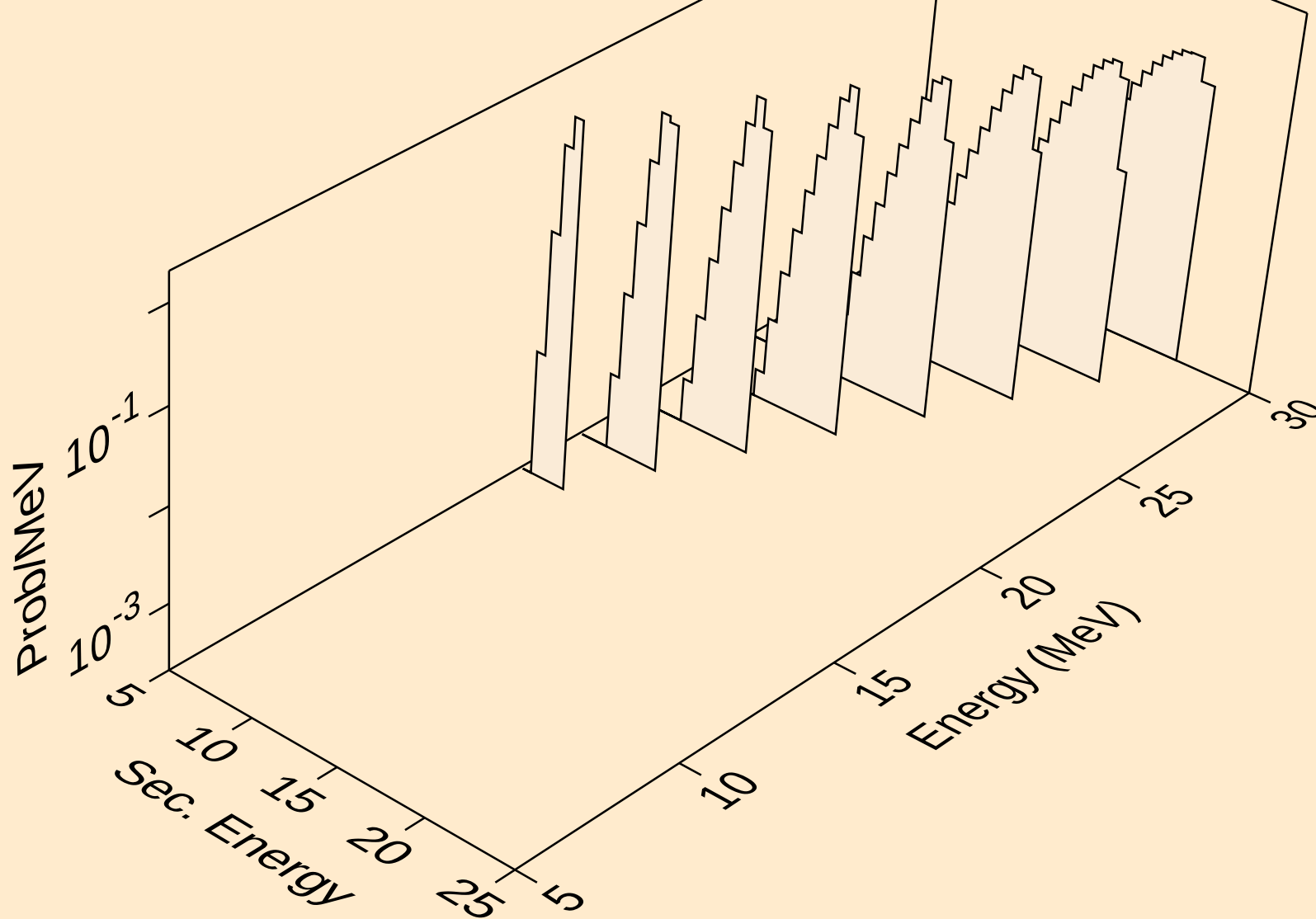
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



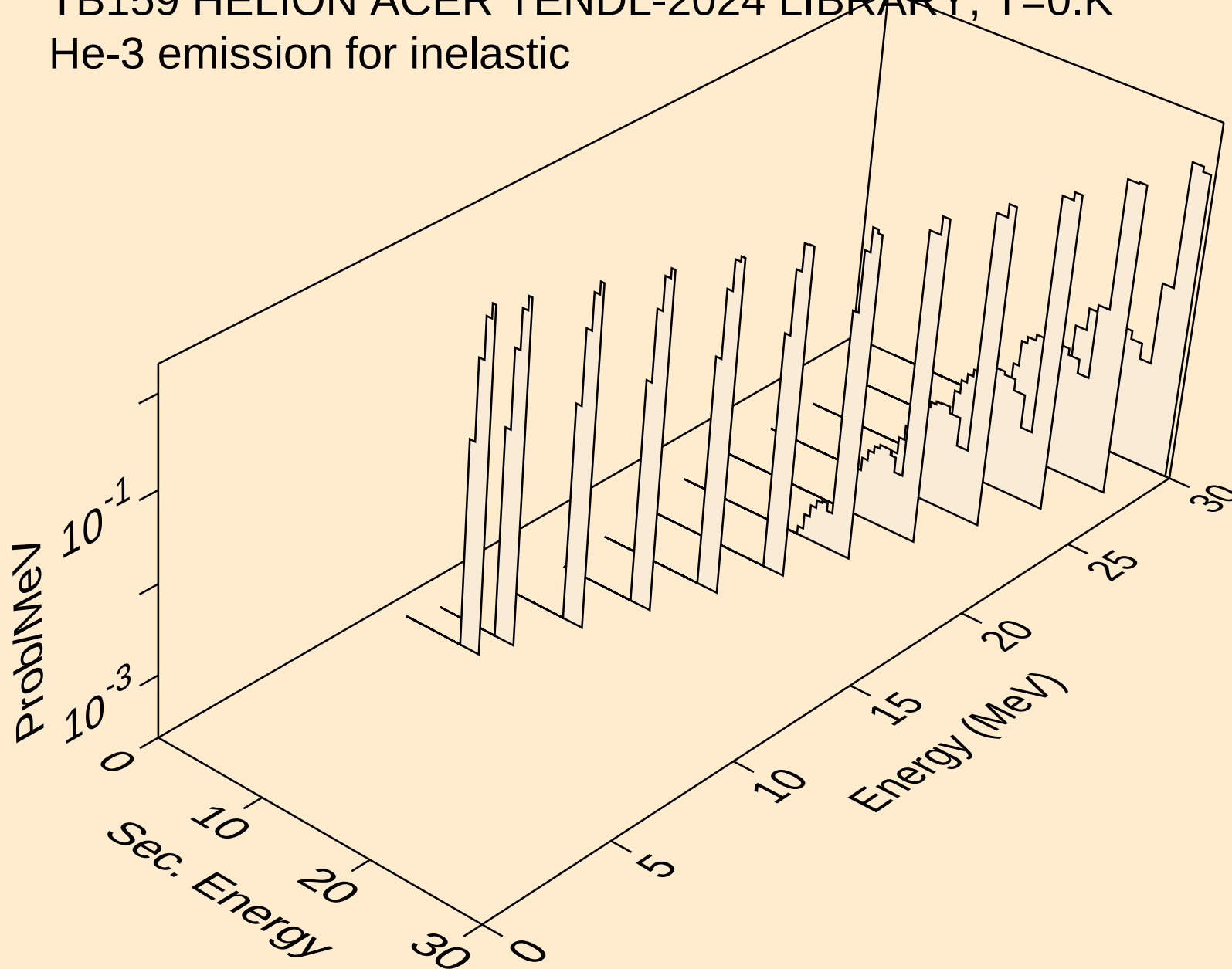
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,x)



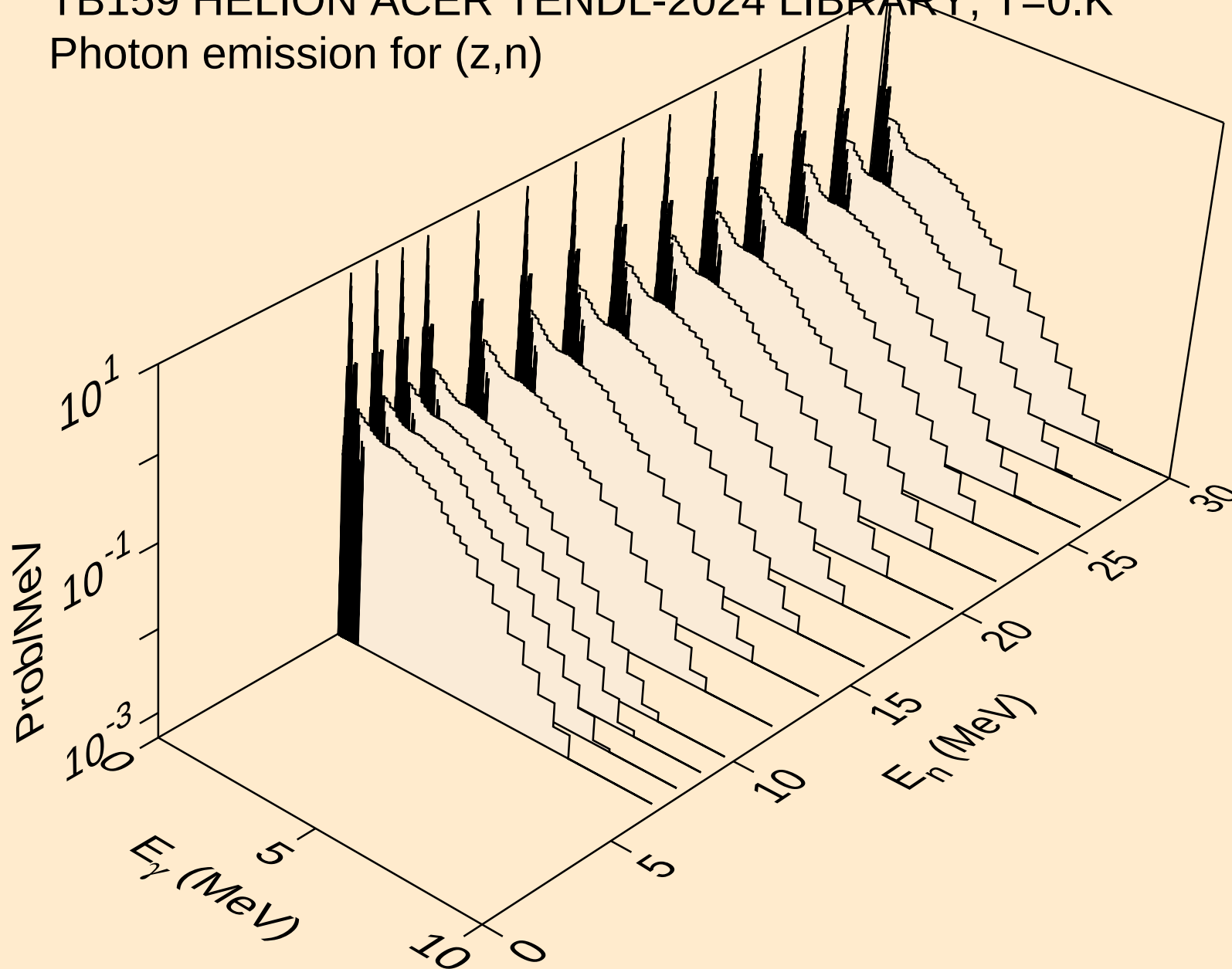
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



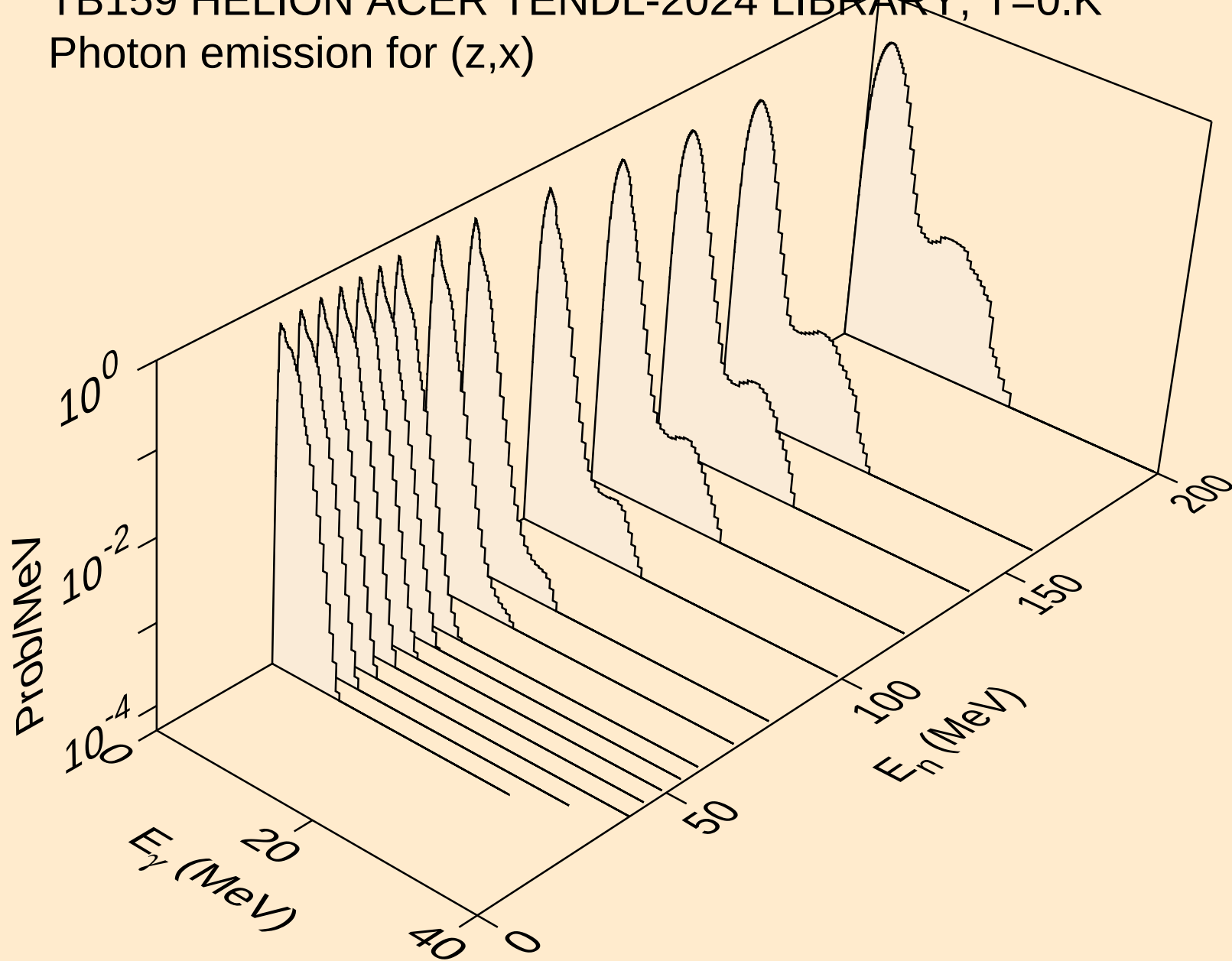
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for inelastic



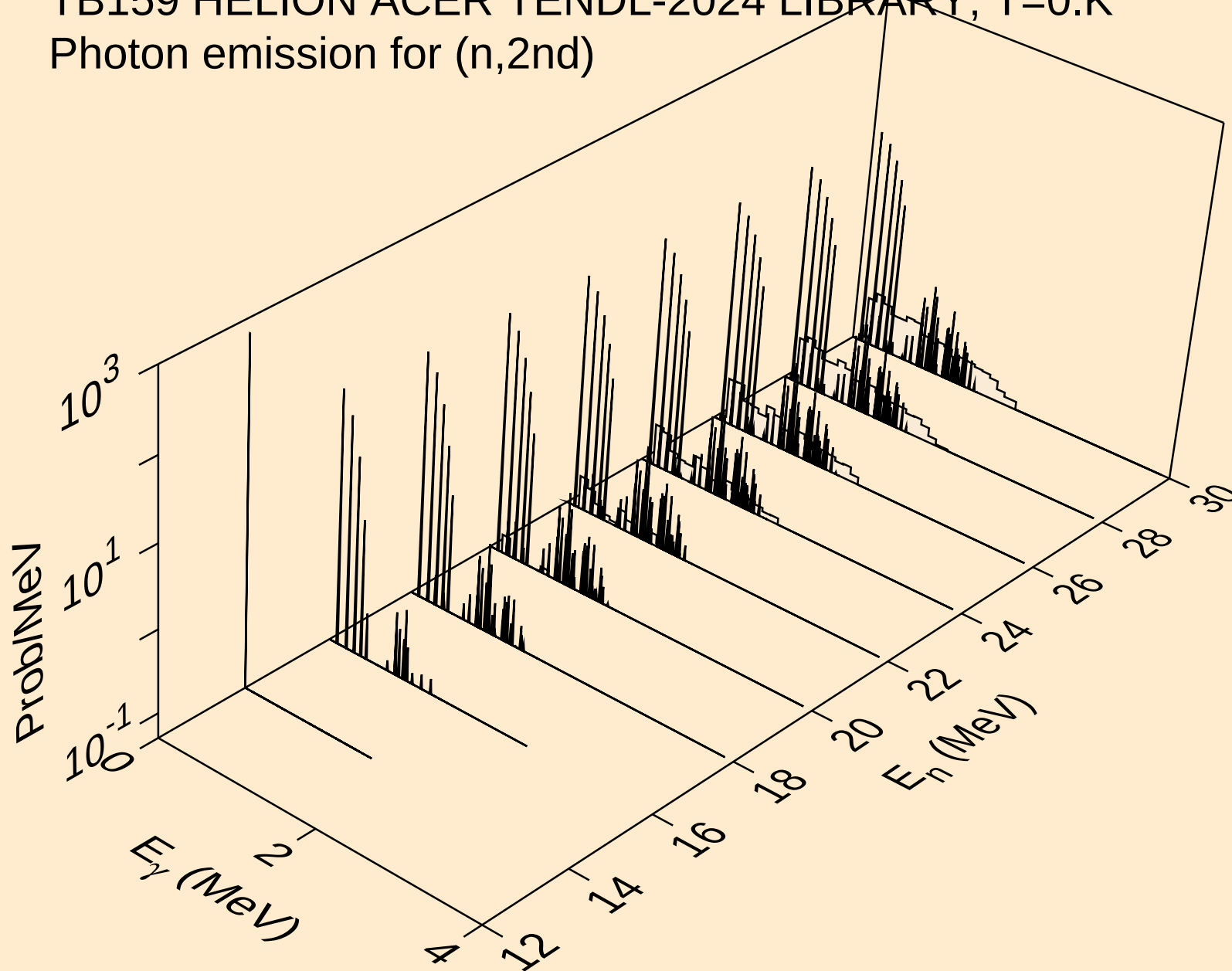
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)



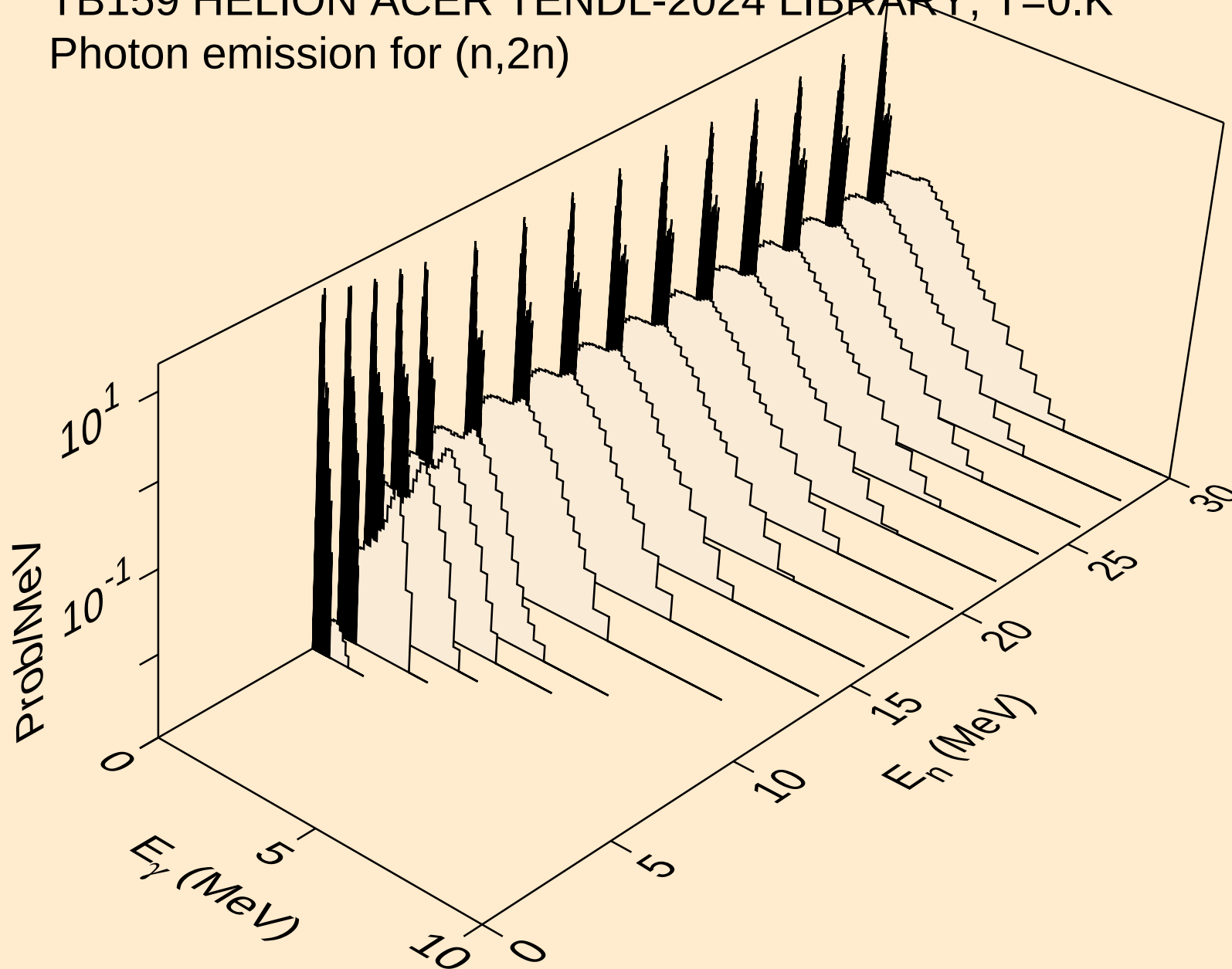
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,x)



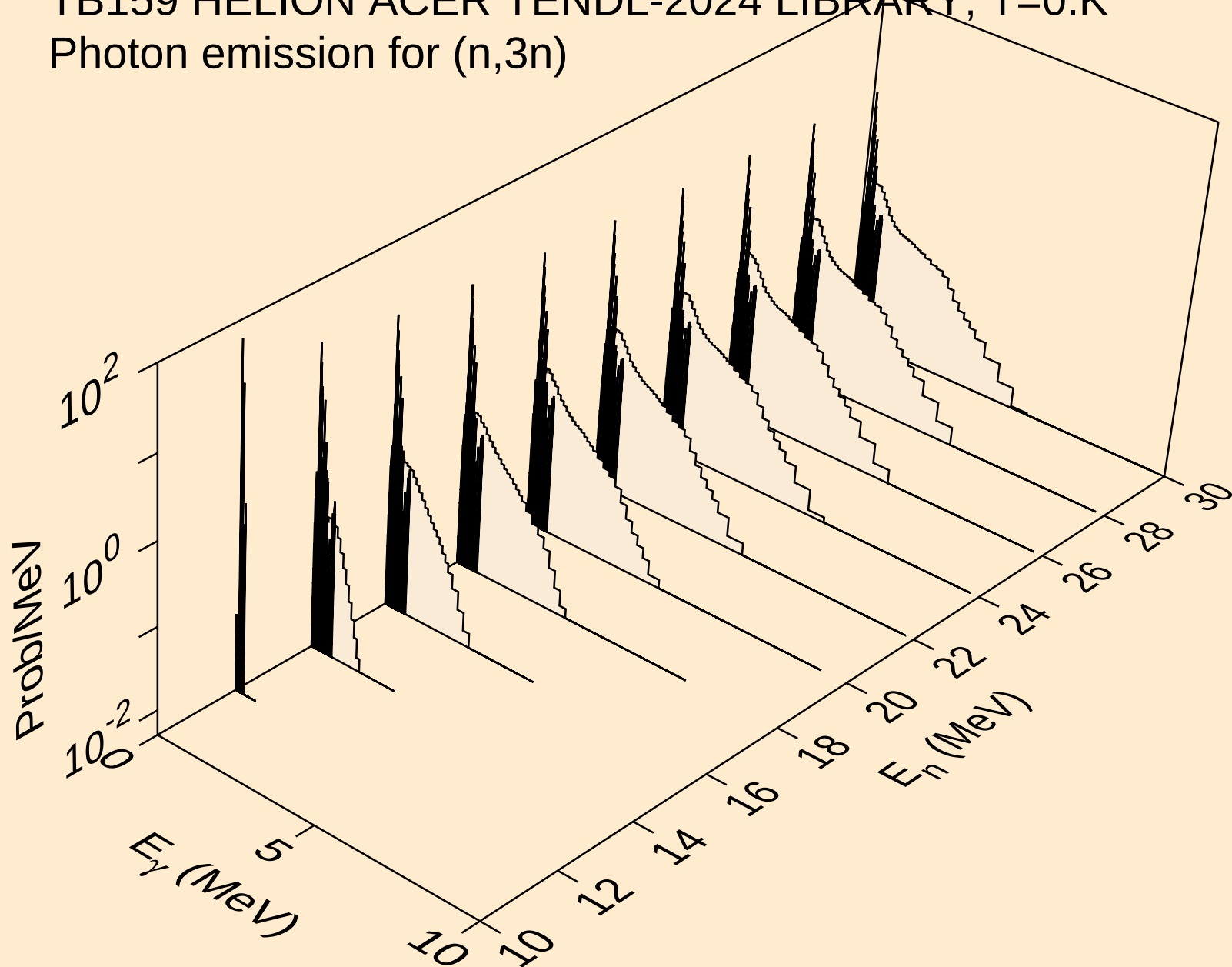
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



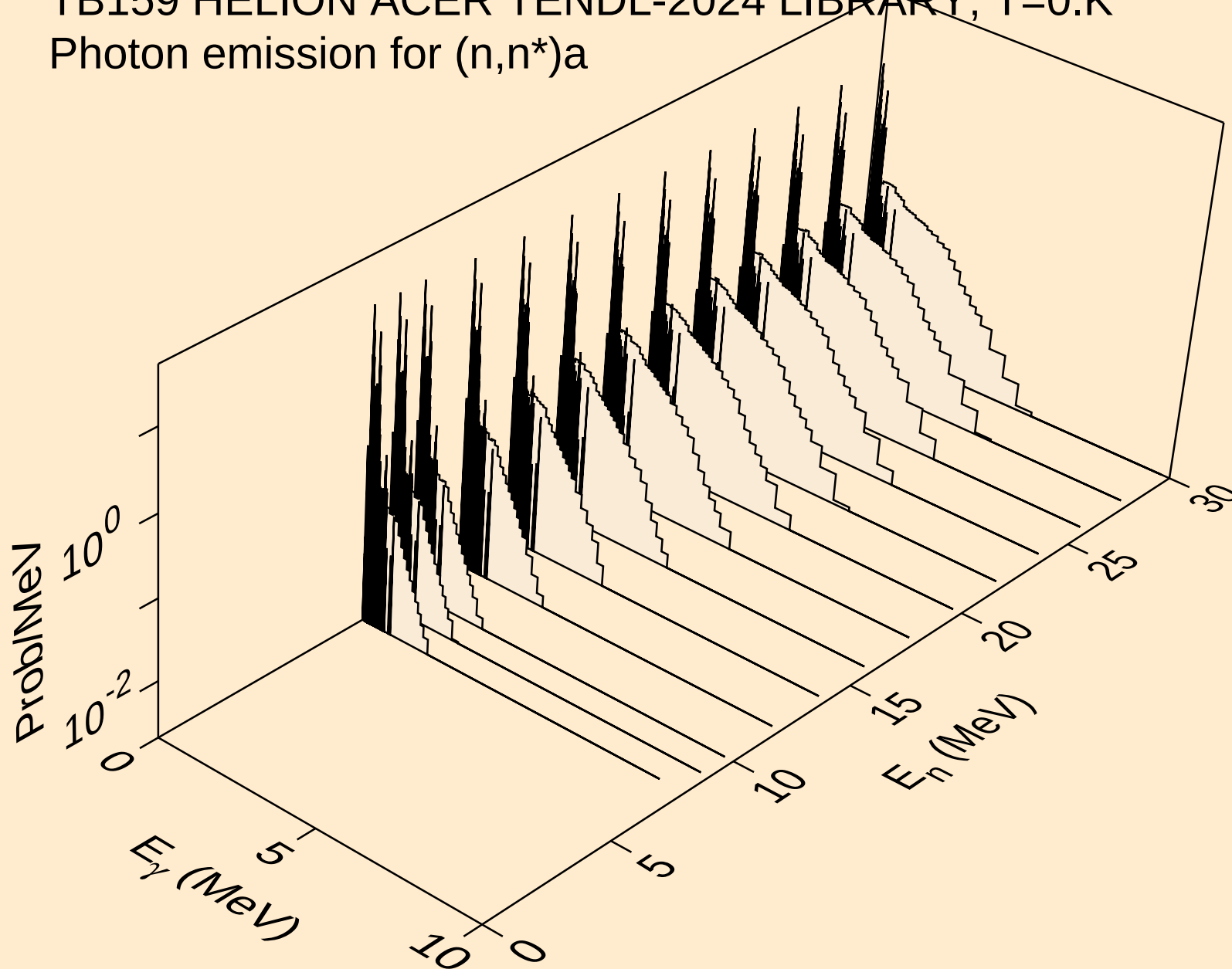
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



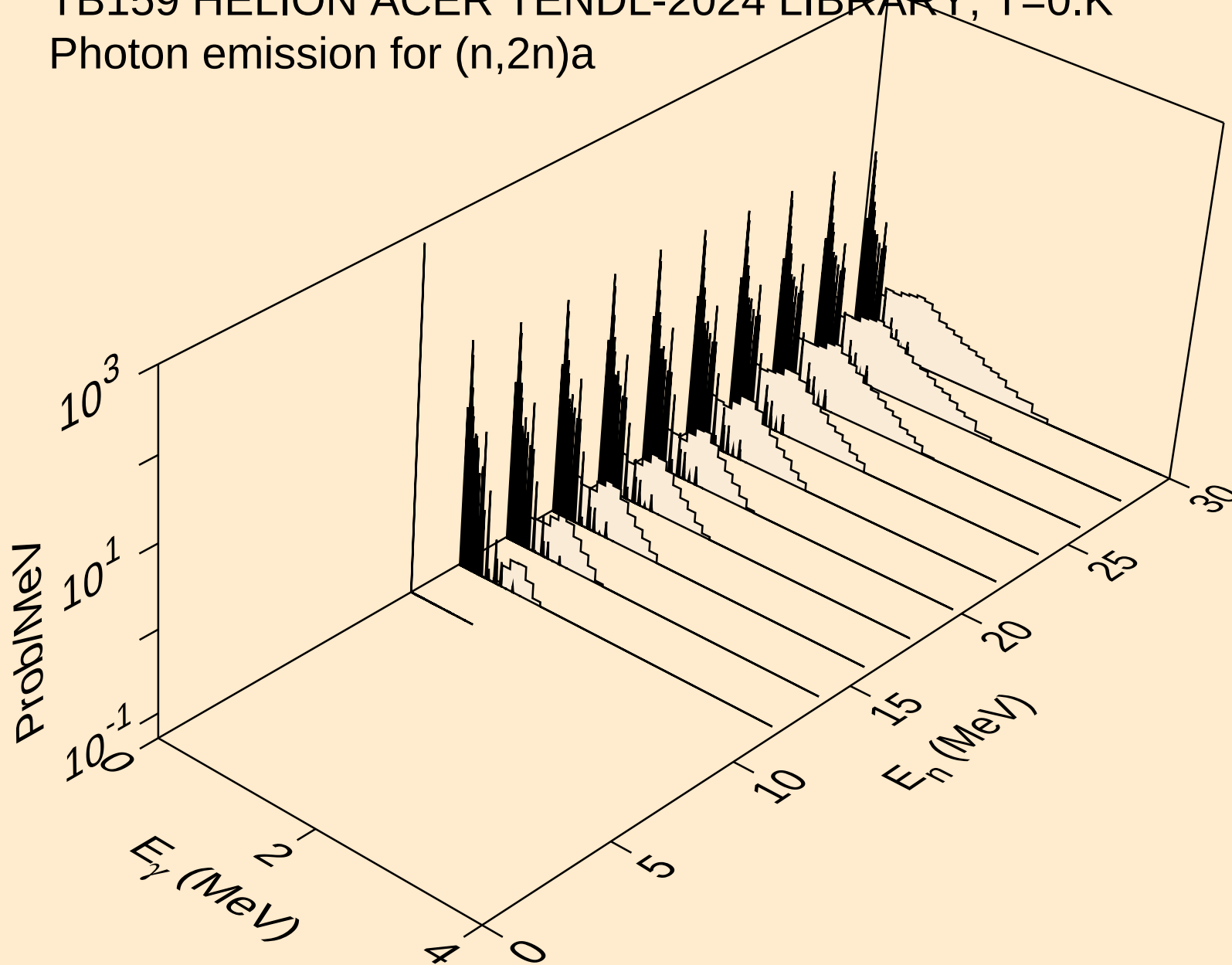
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



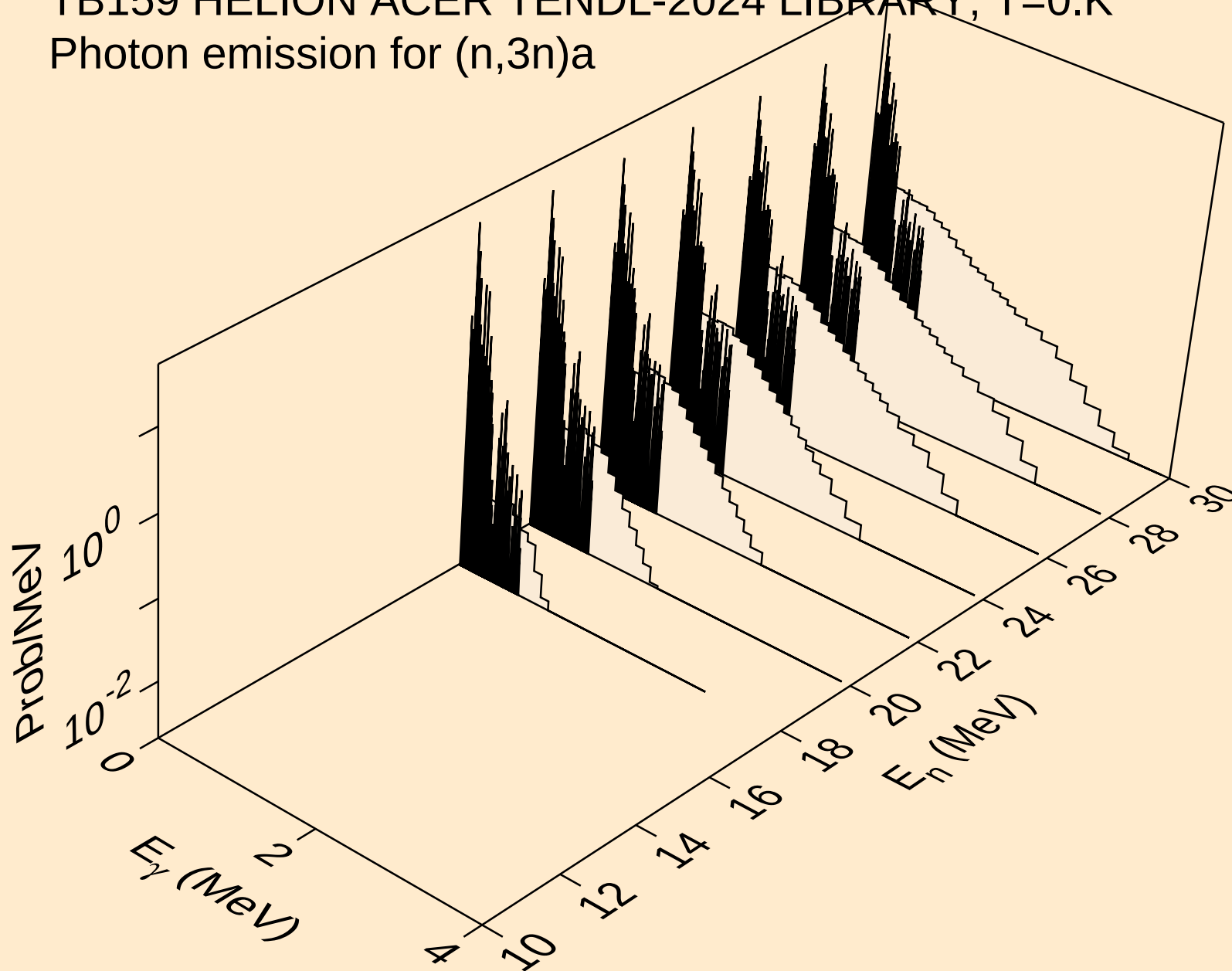
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



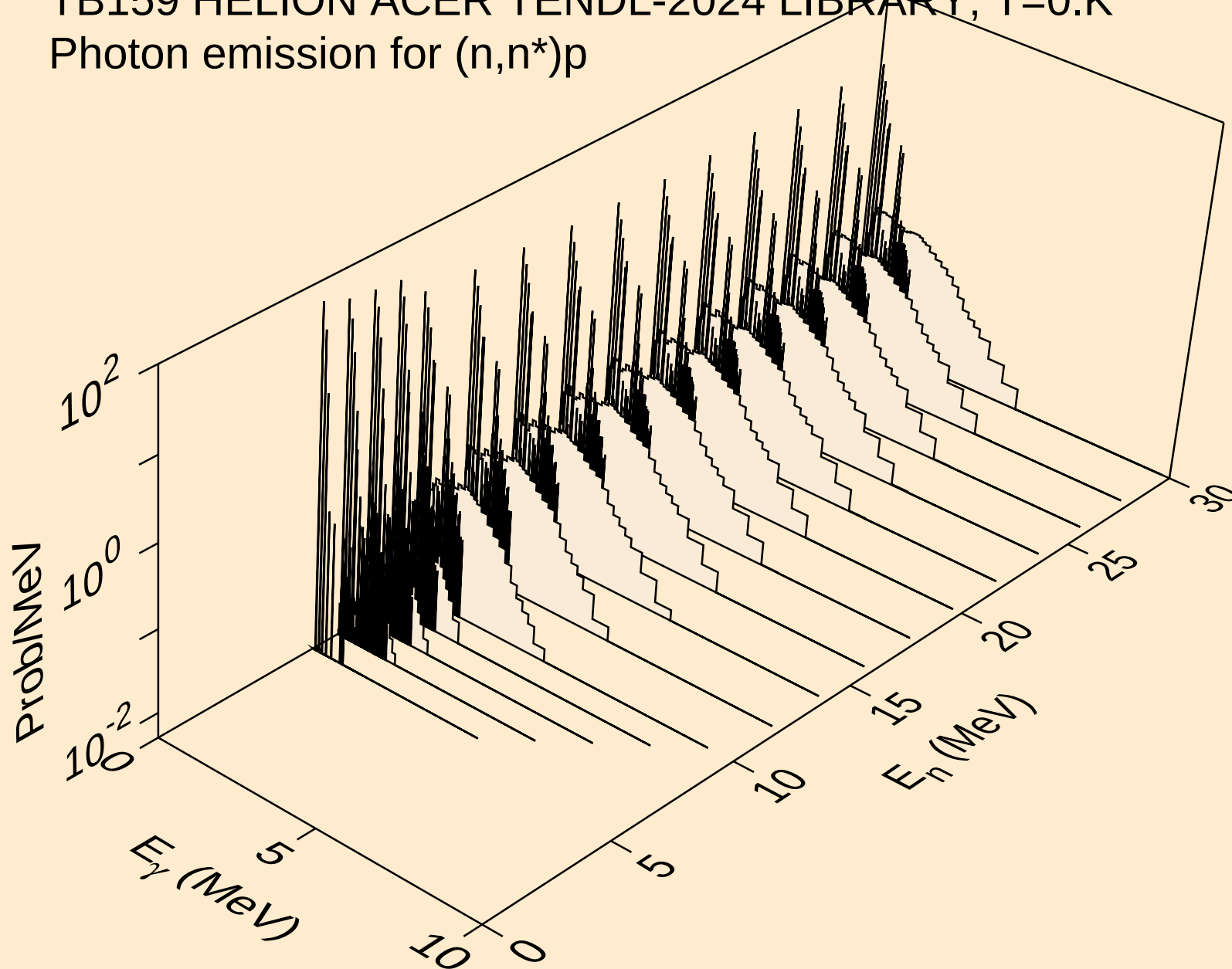
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



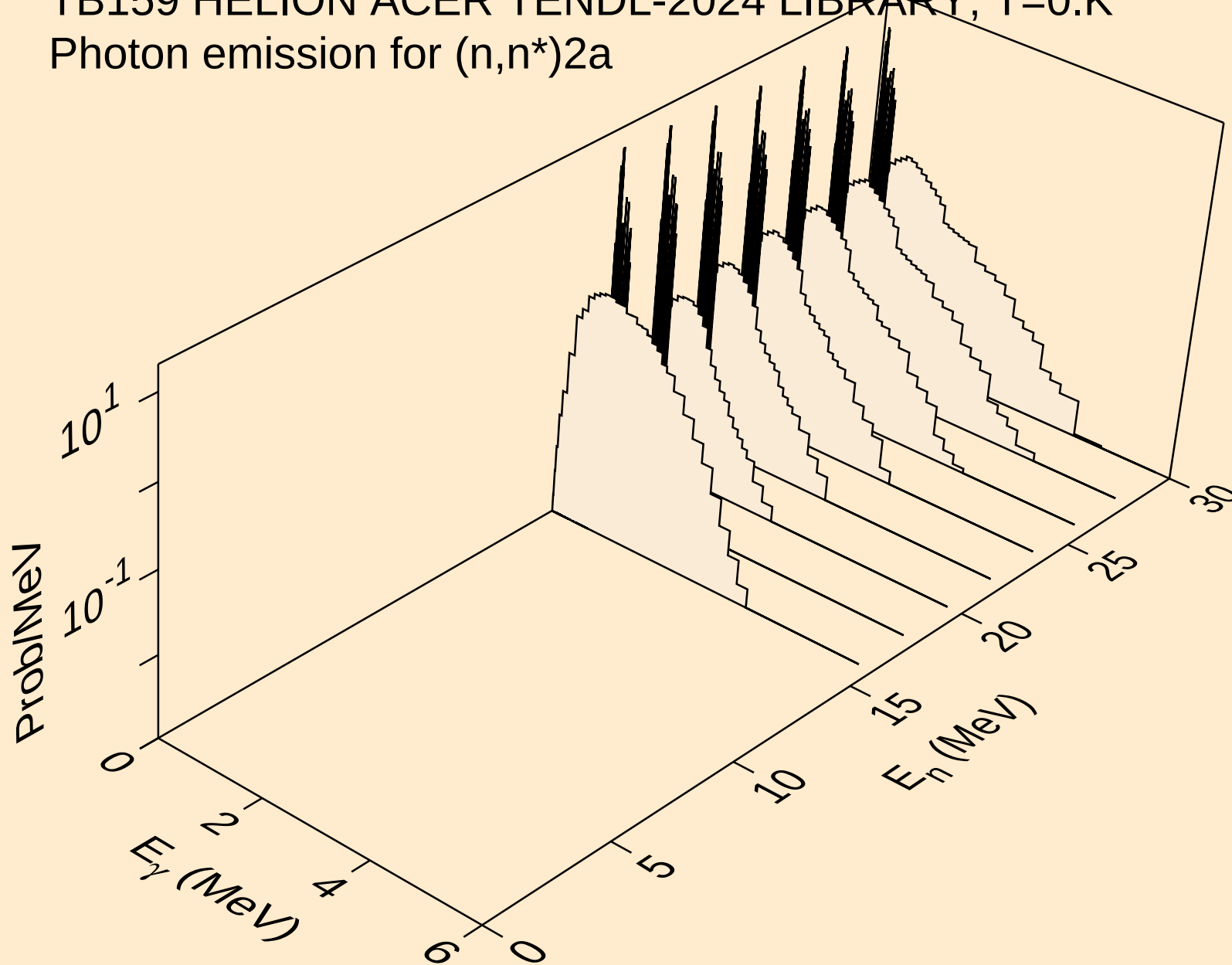
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n) α



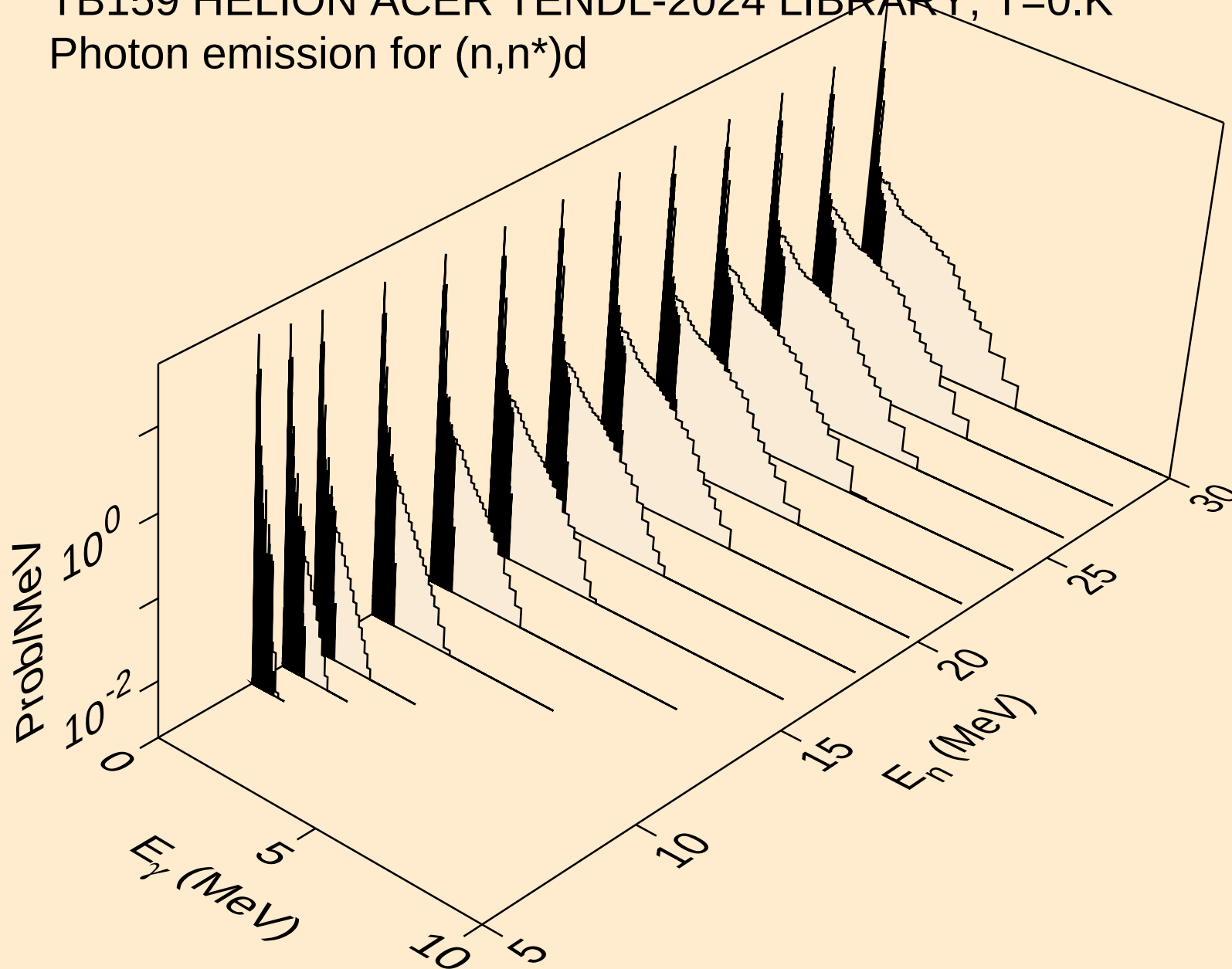
TB159 HELION ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)p$



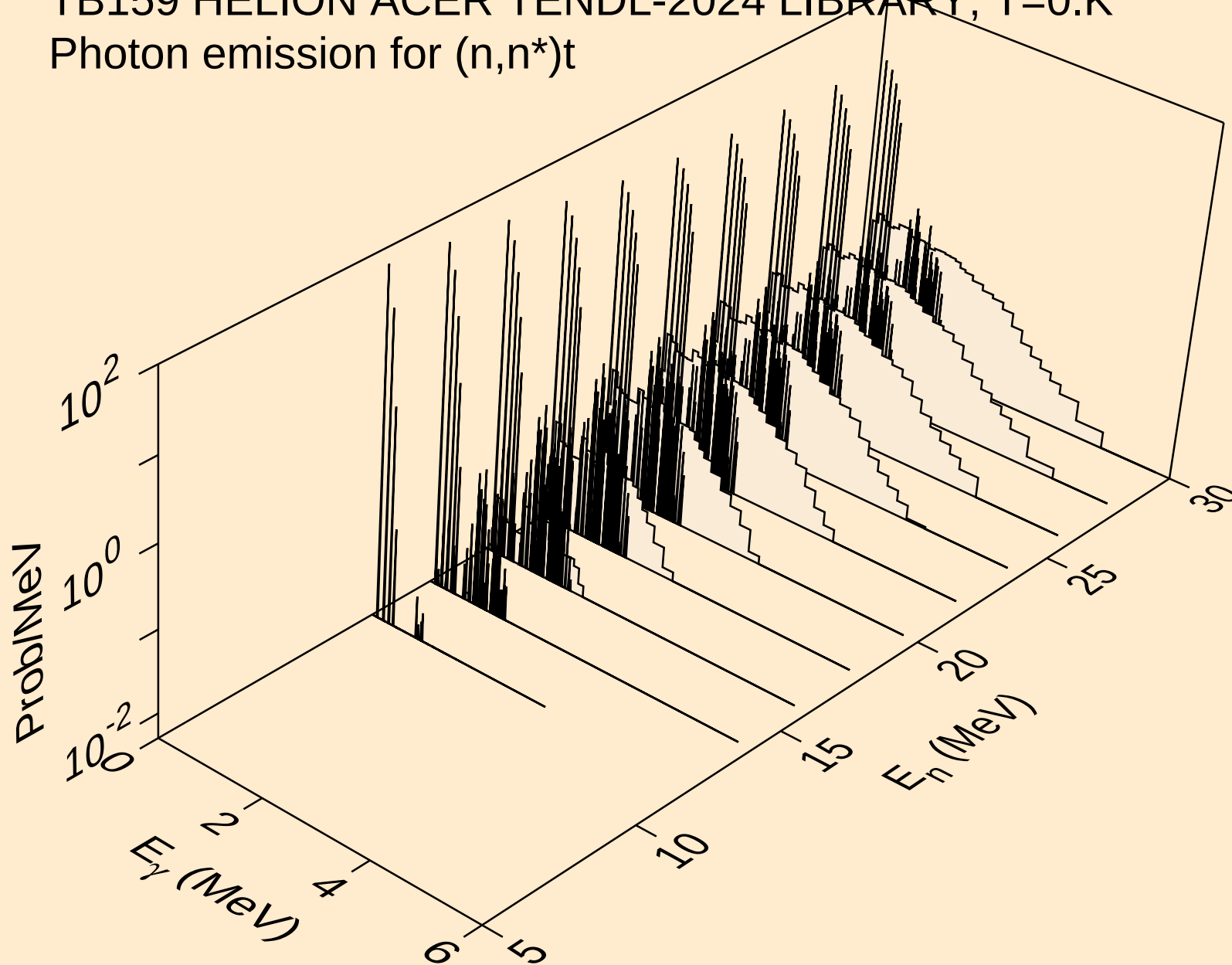
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



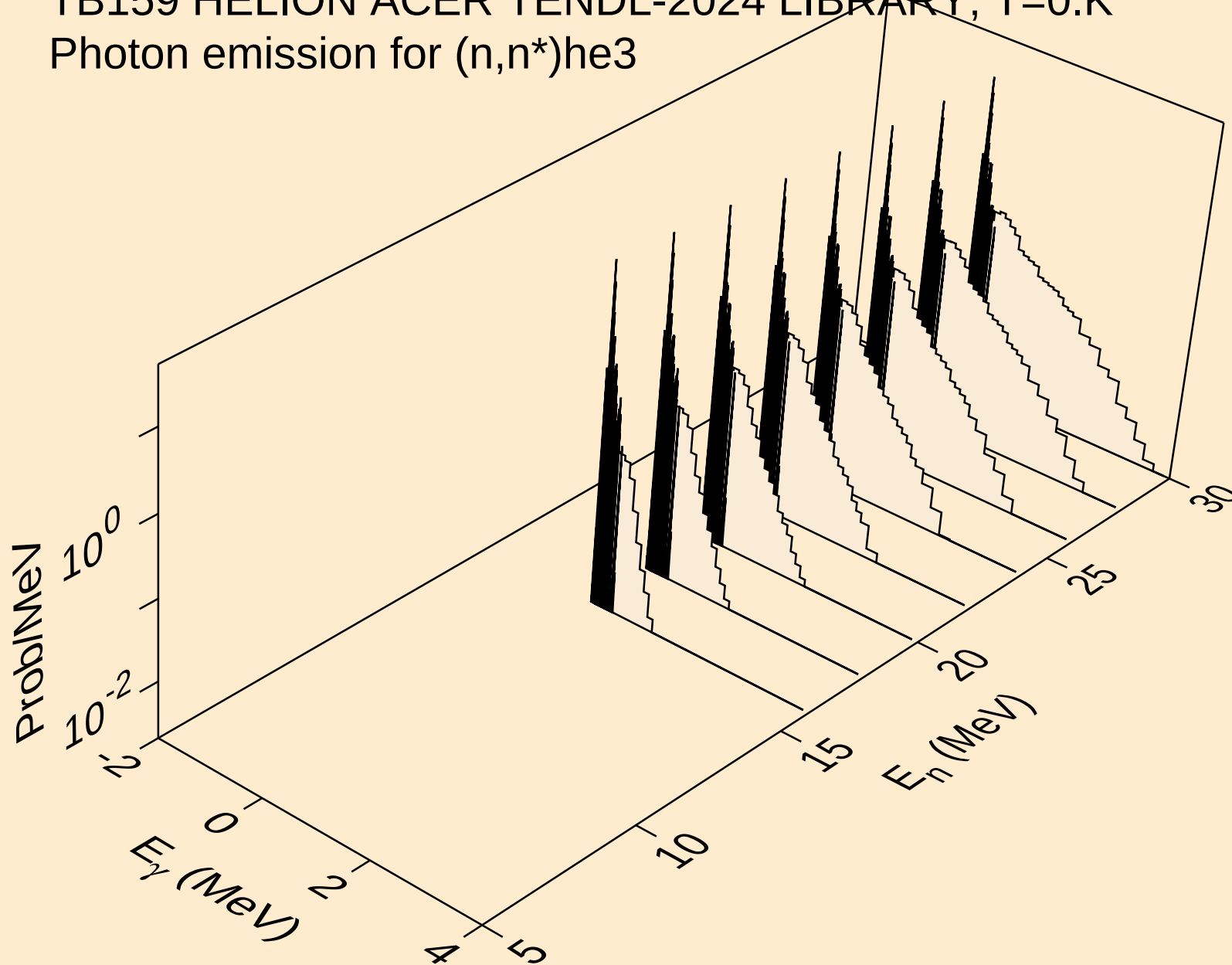
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



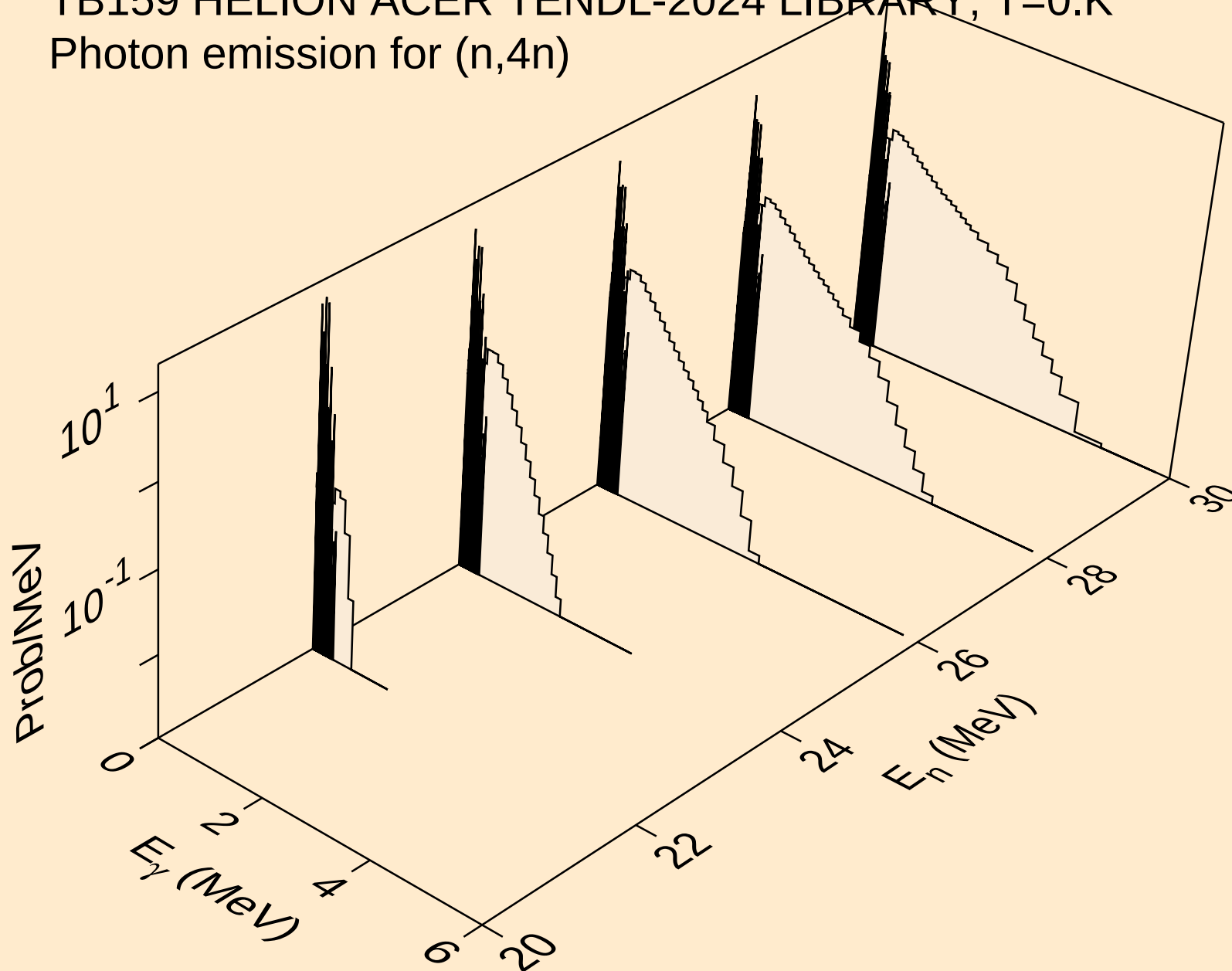
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



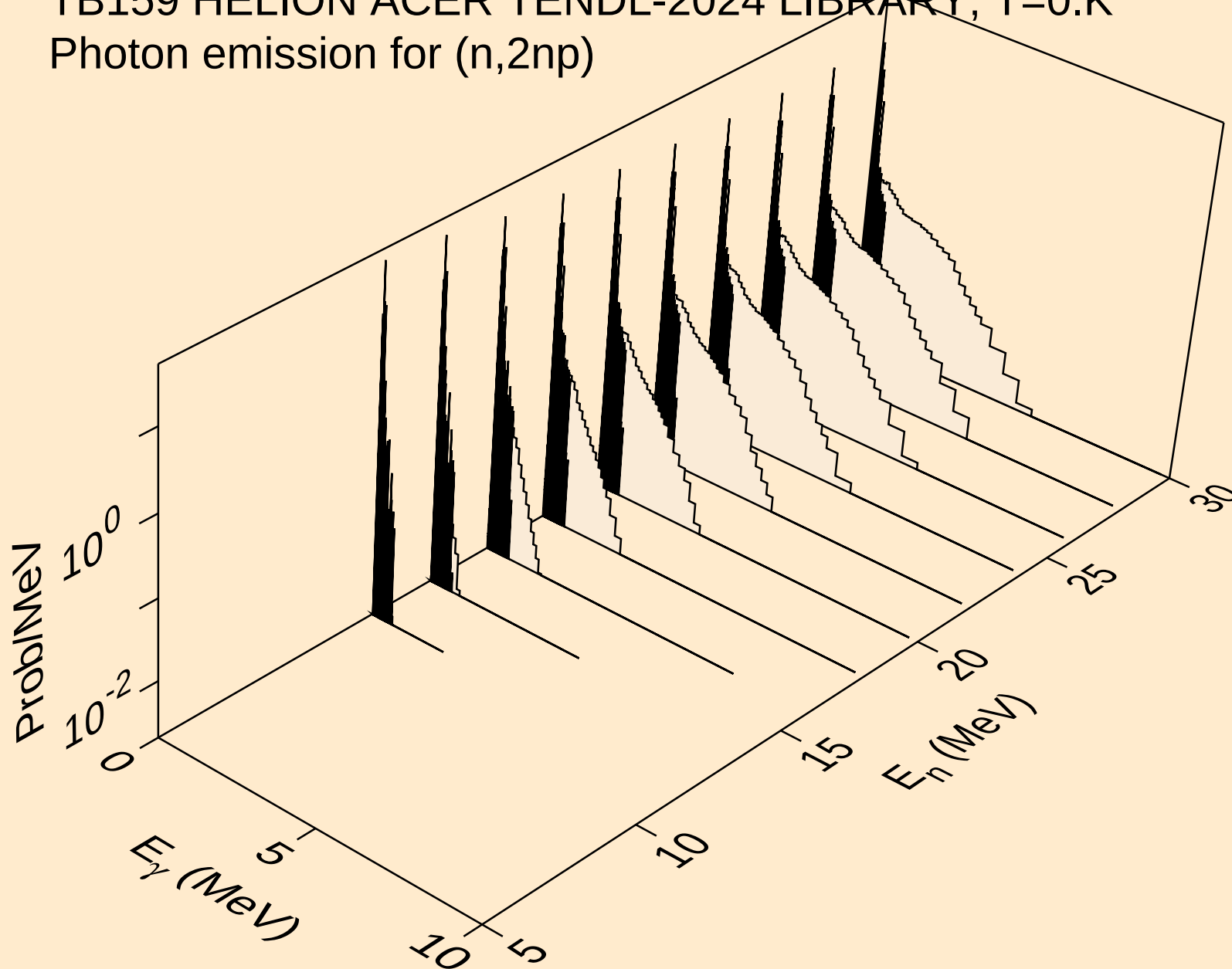
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



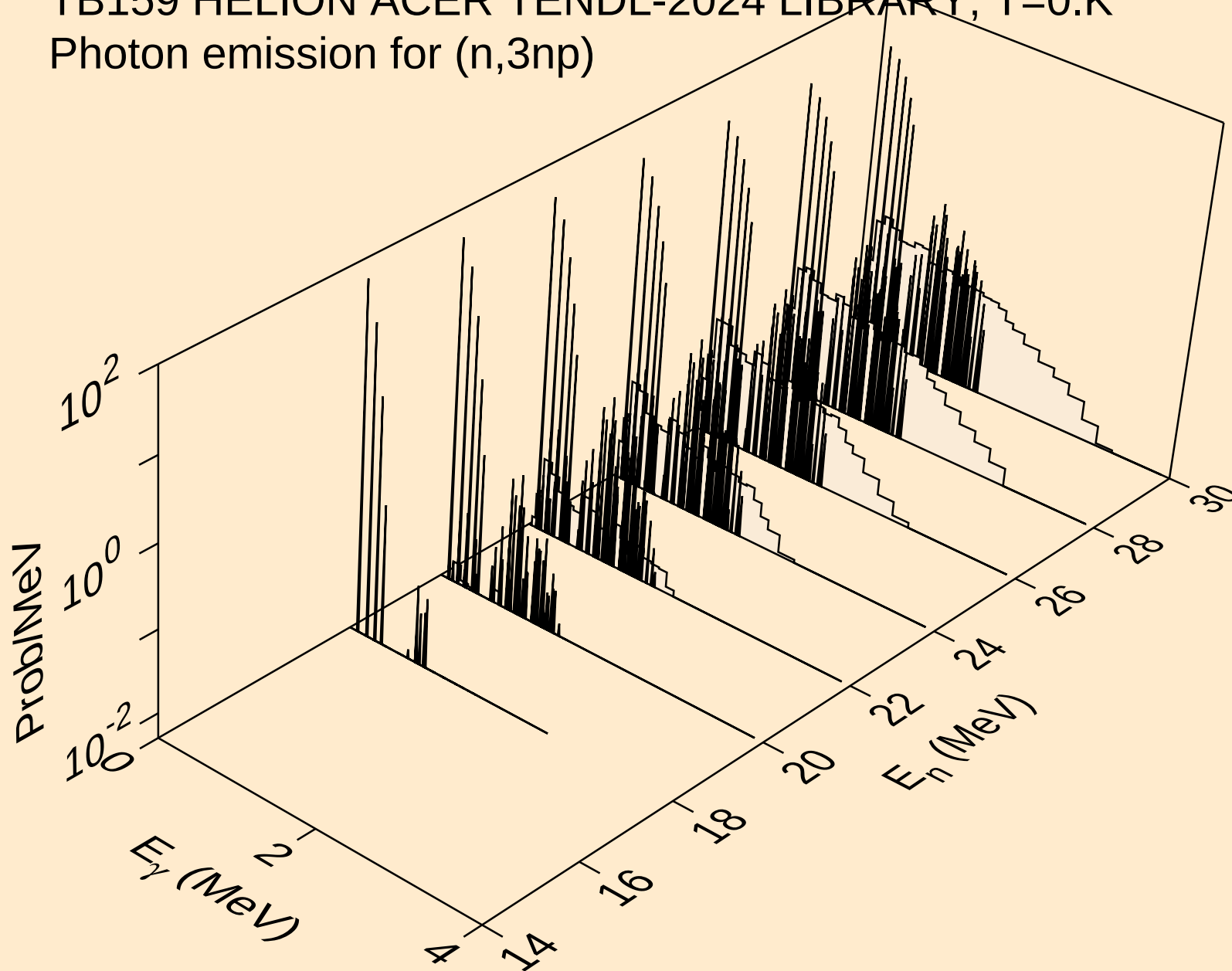
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



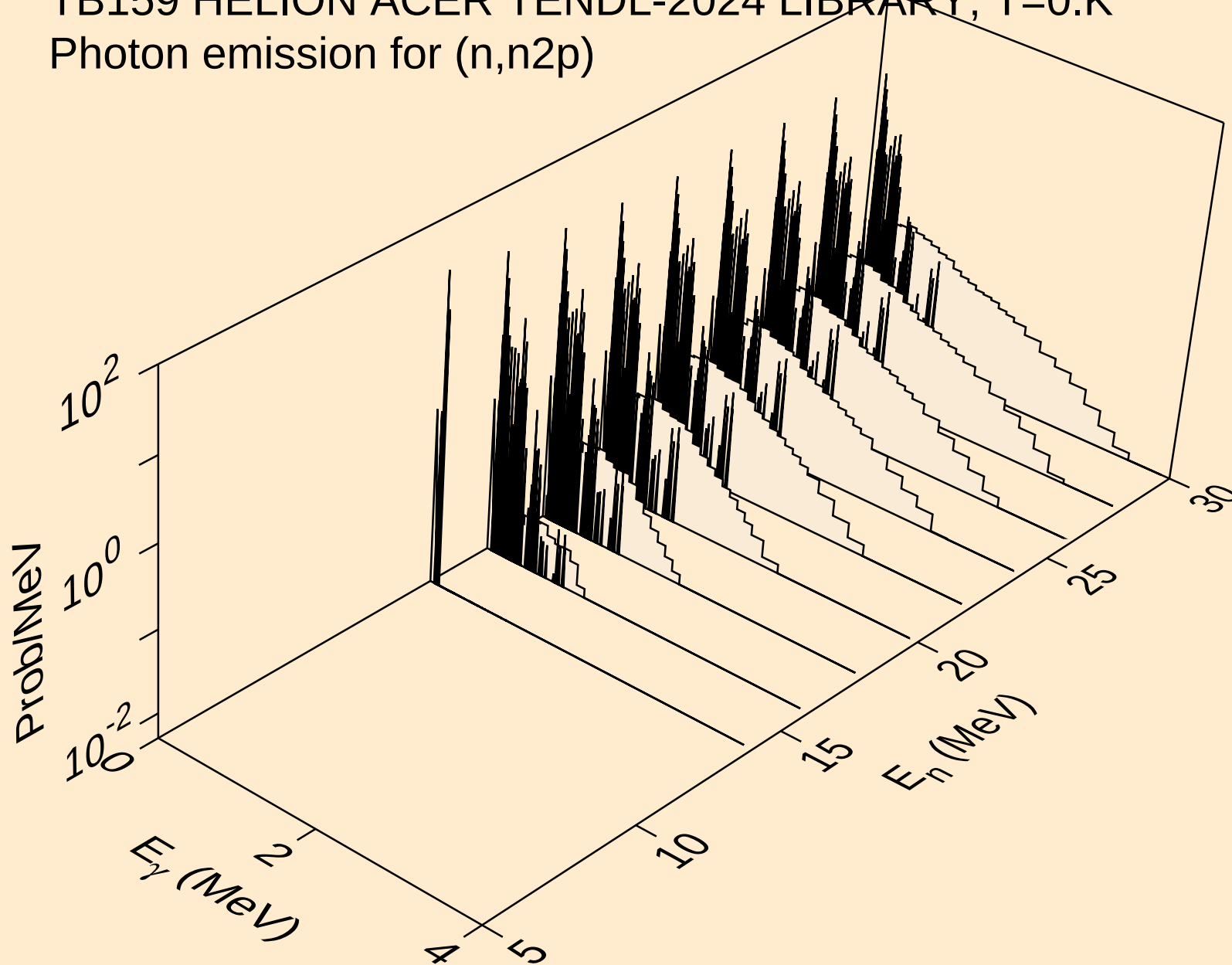
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Photon emission for (n,2np)



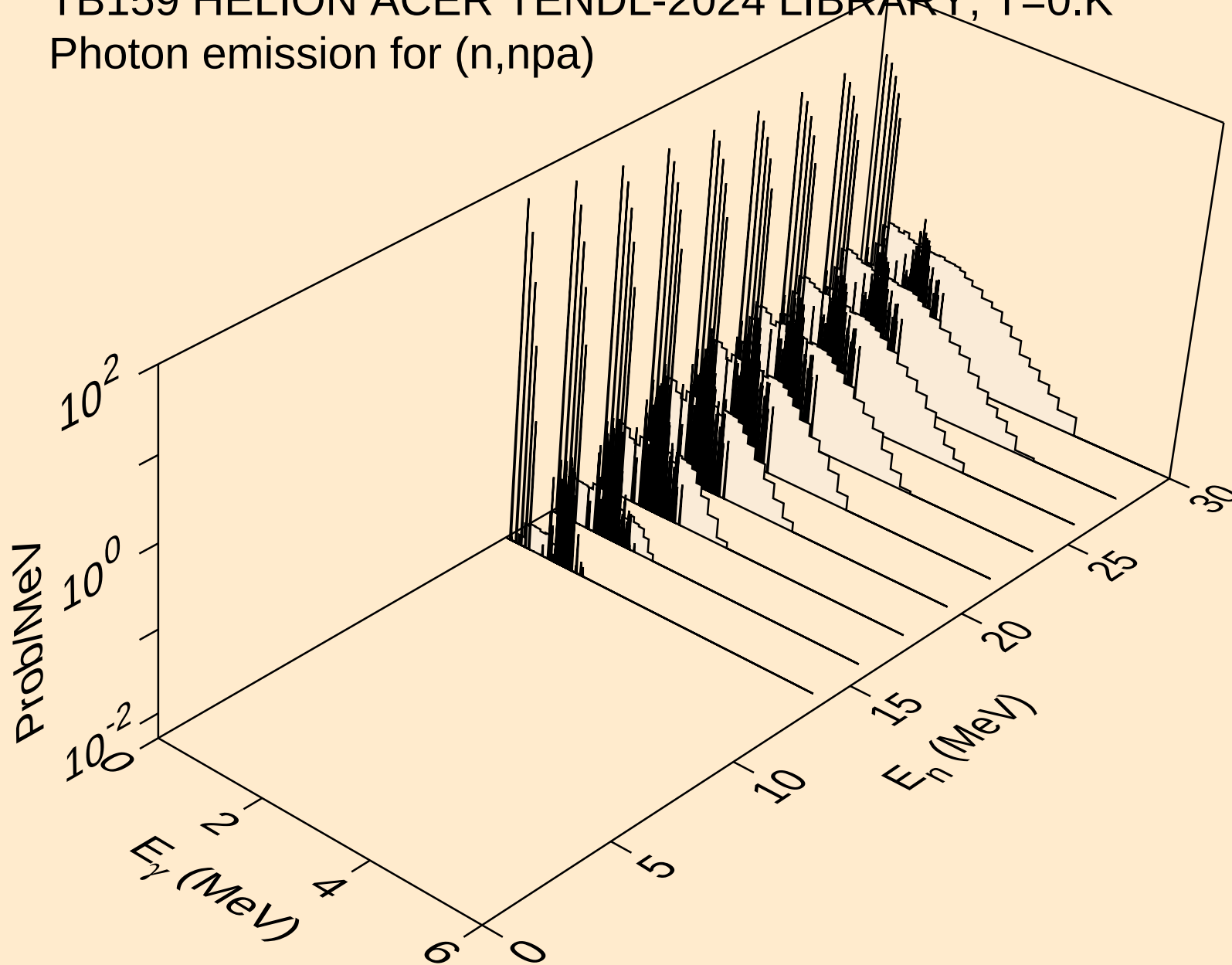
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



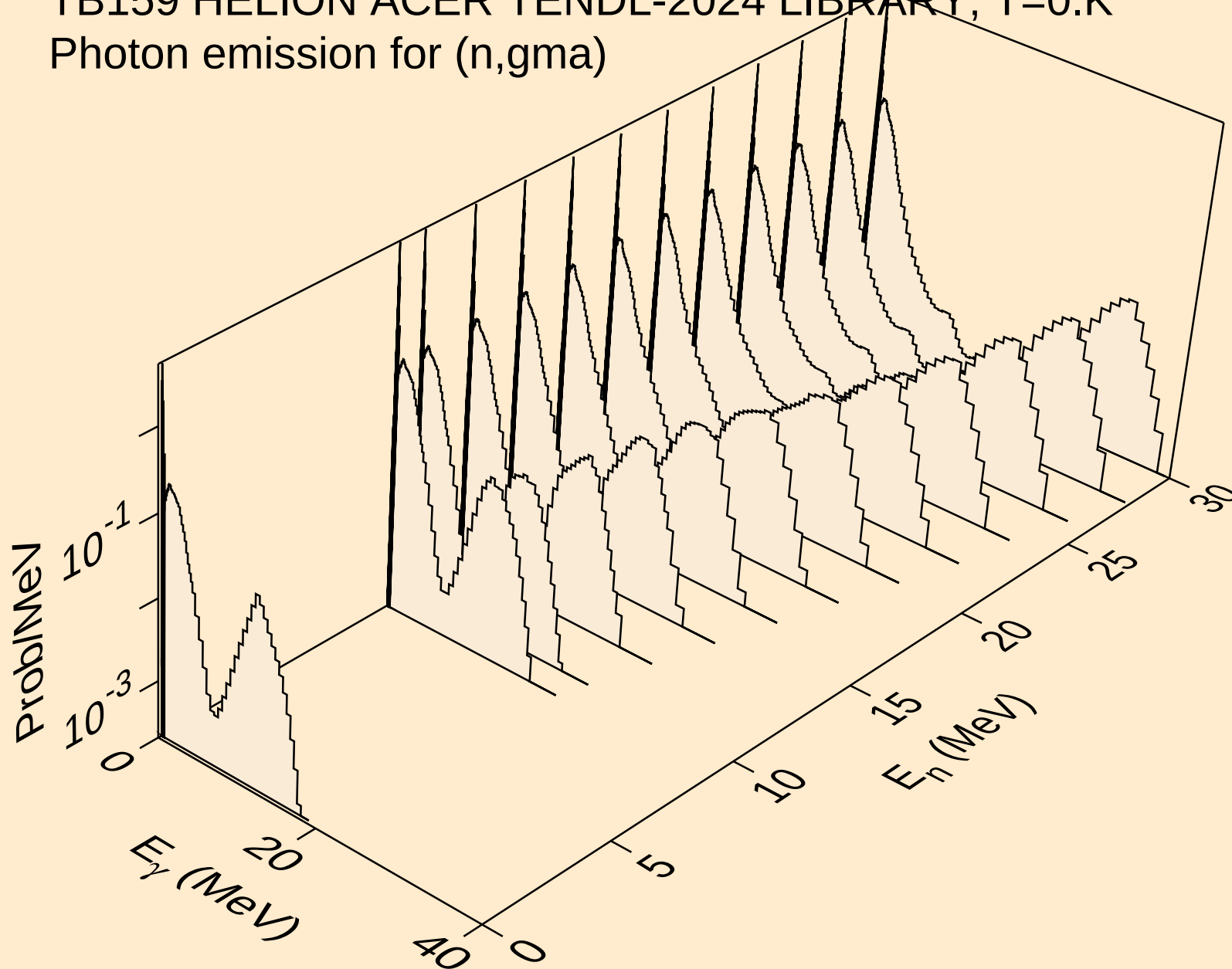
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Photon emission for (n,n2p)



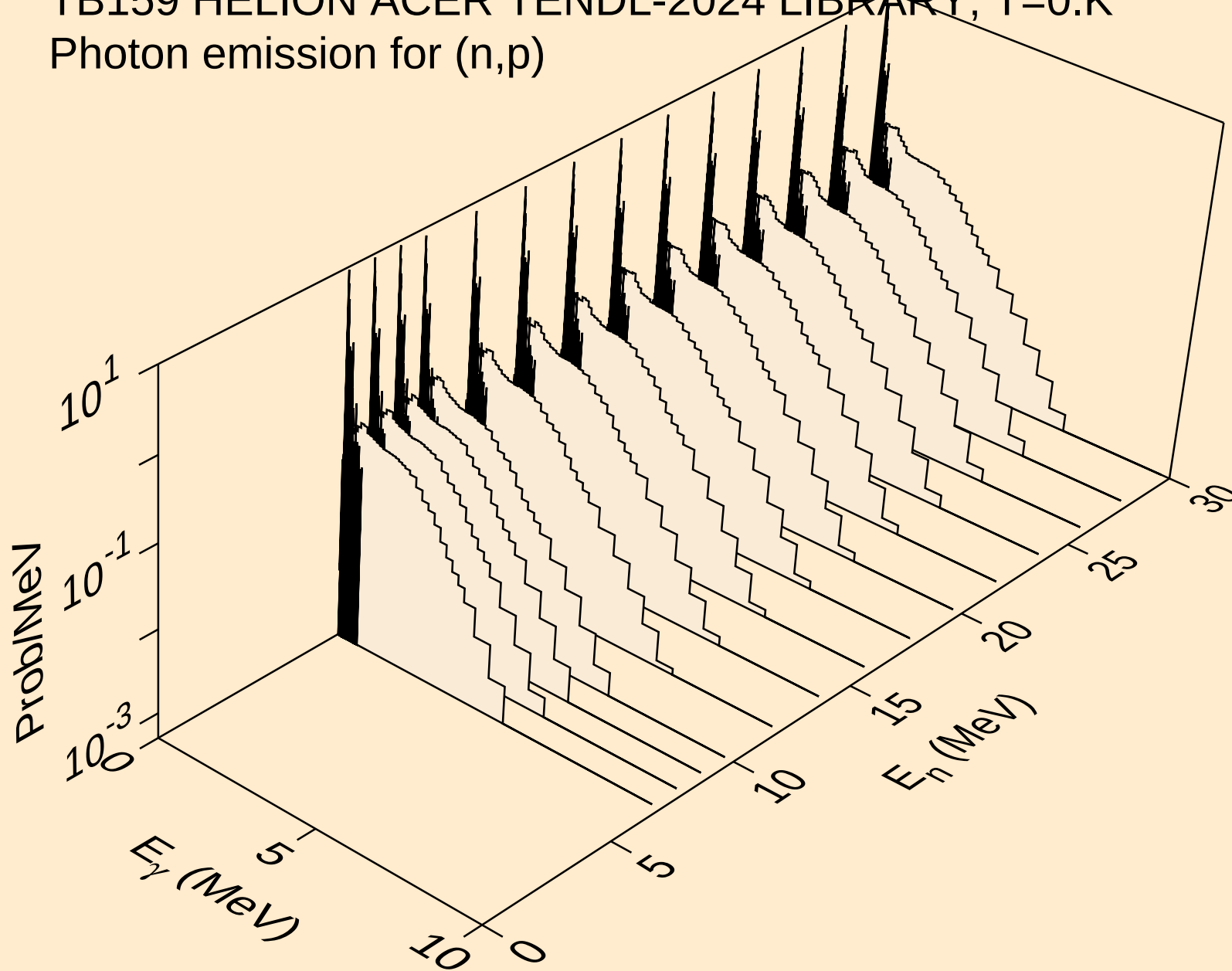
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Photon emission for (n,npa)



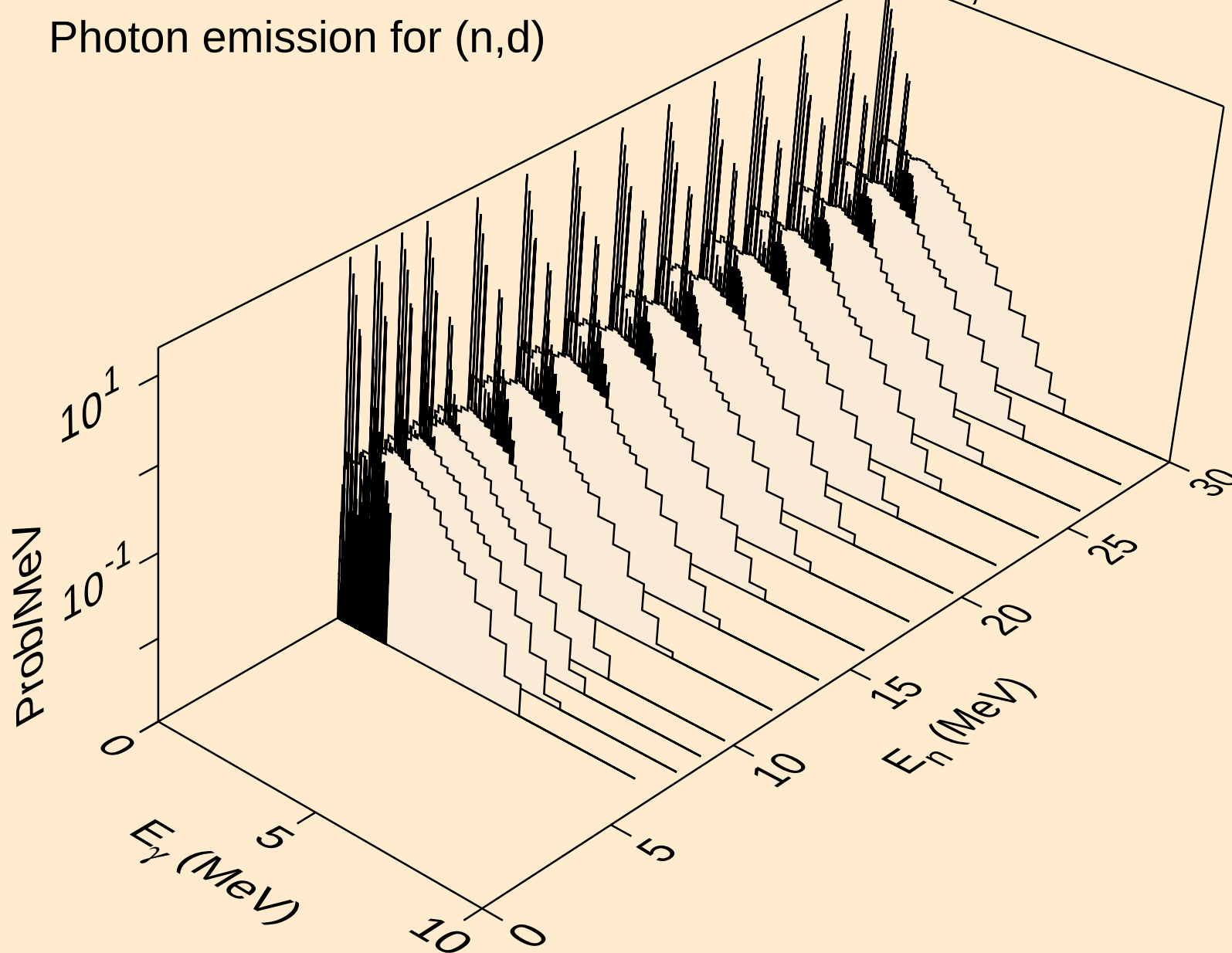
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Photon emission for (n,gma)



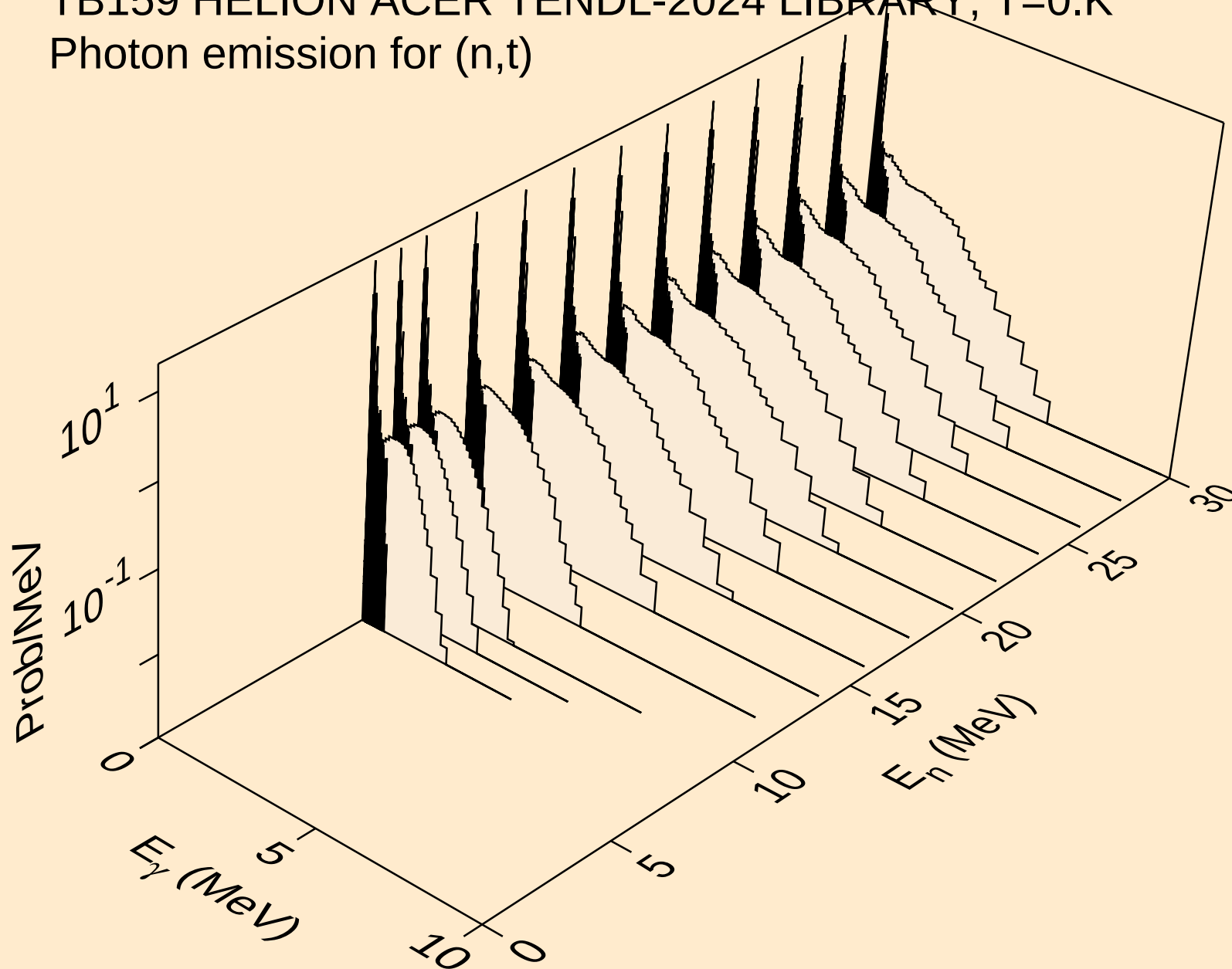
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Photon emission for (n,p)



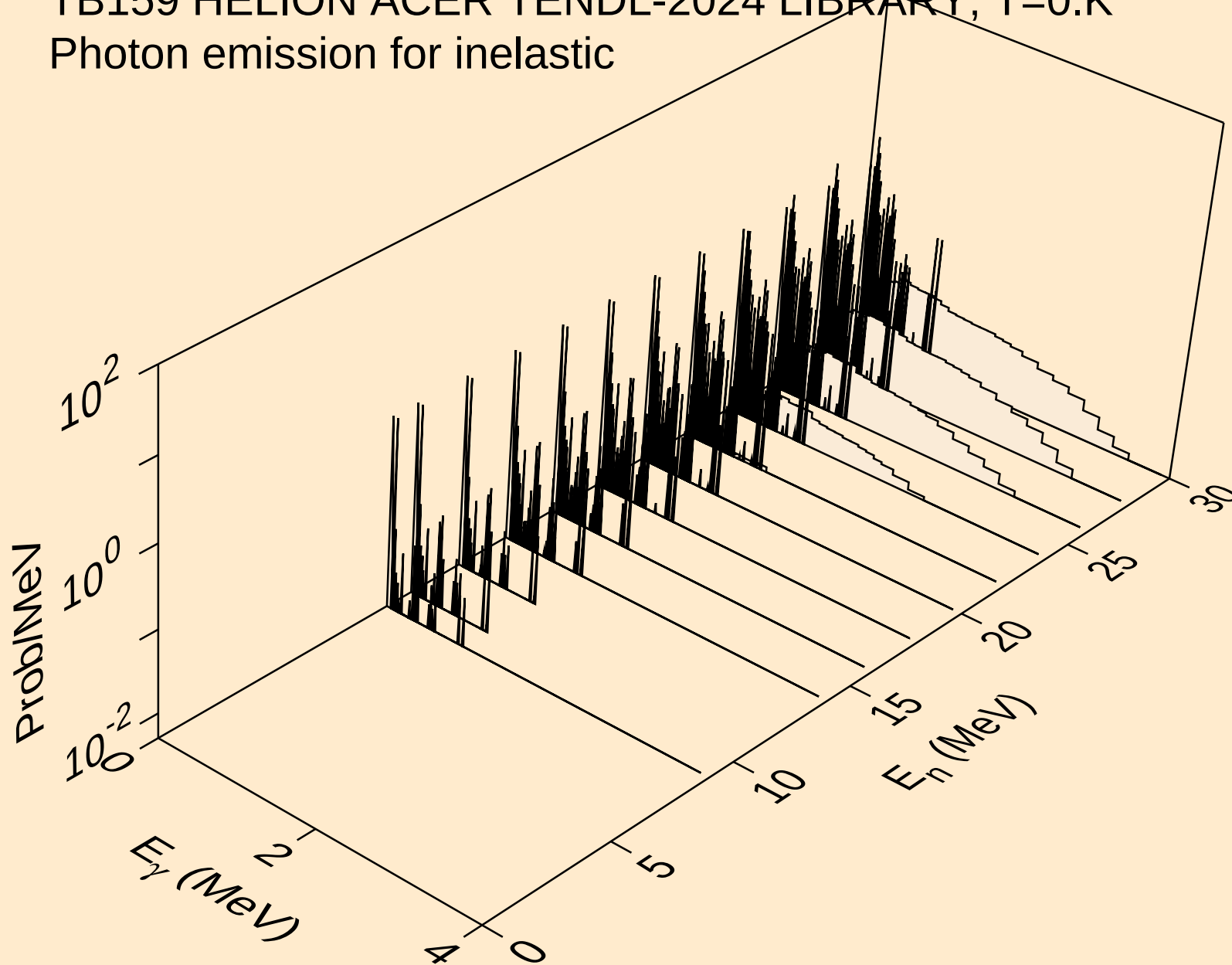
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Photon emission for (n,d)



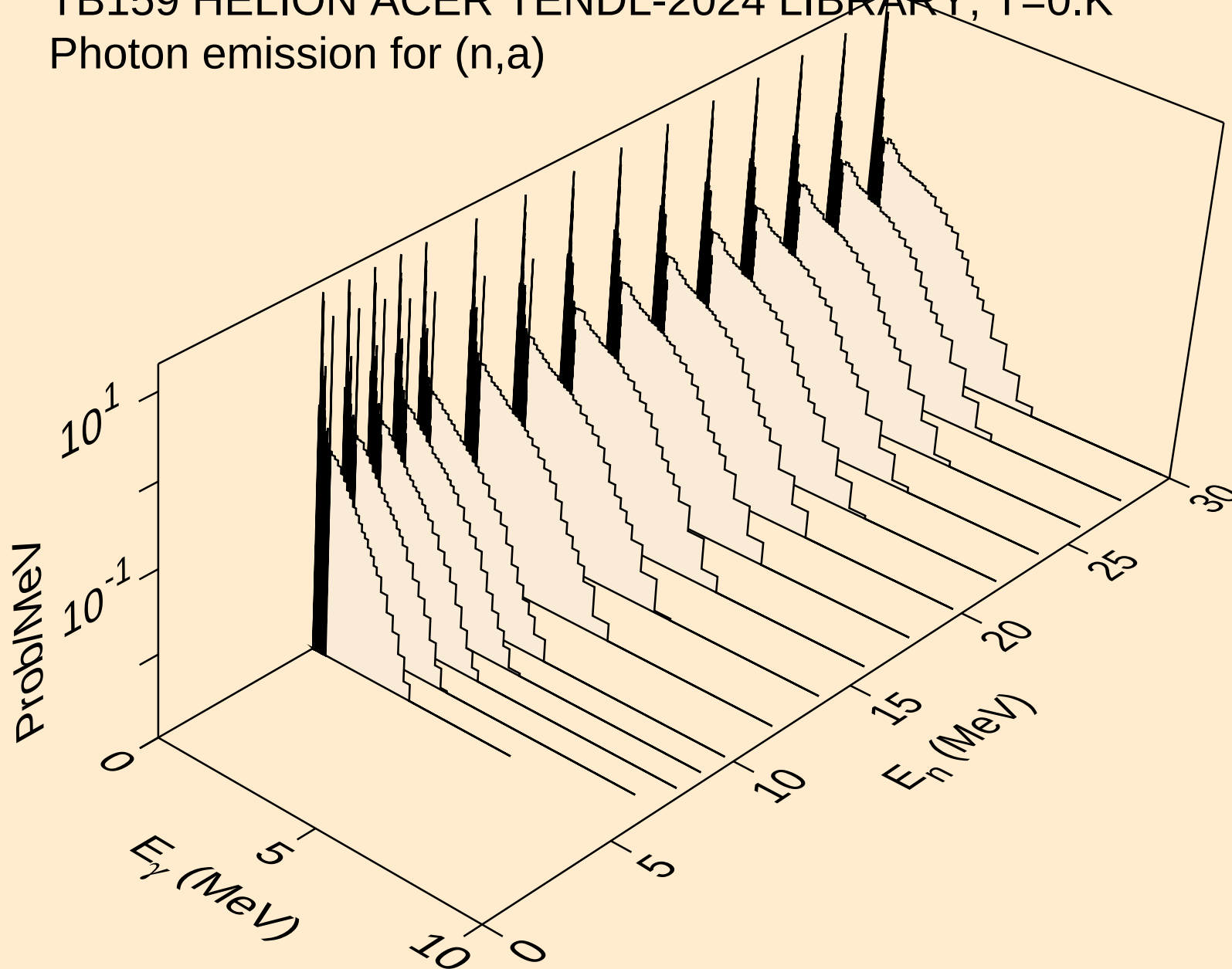
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Photon emission for (n,t)



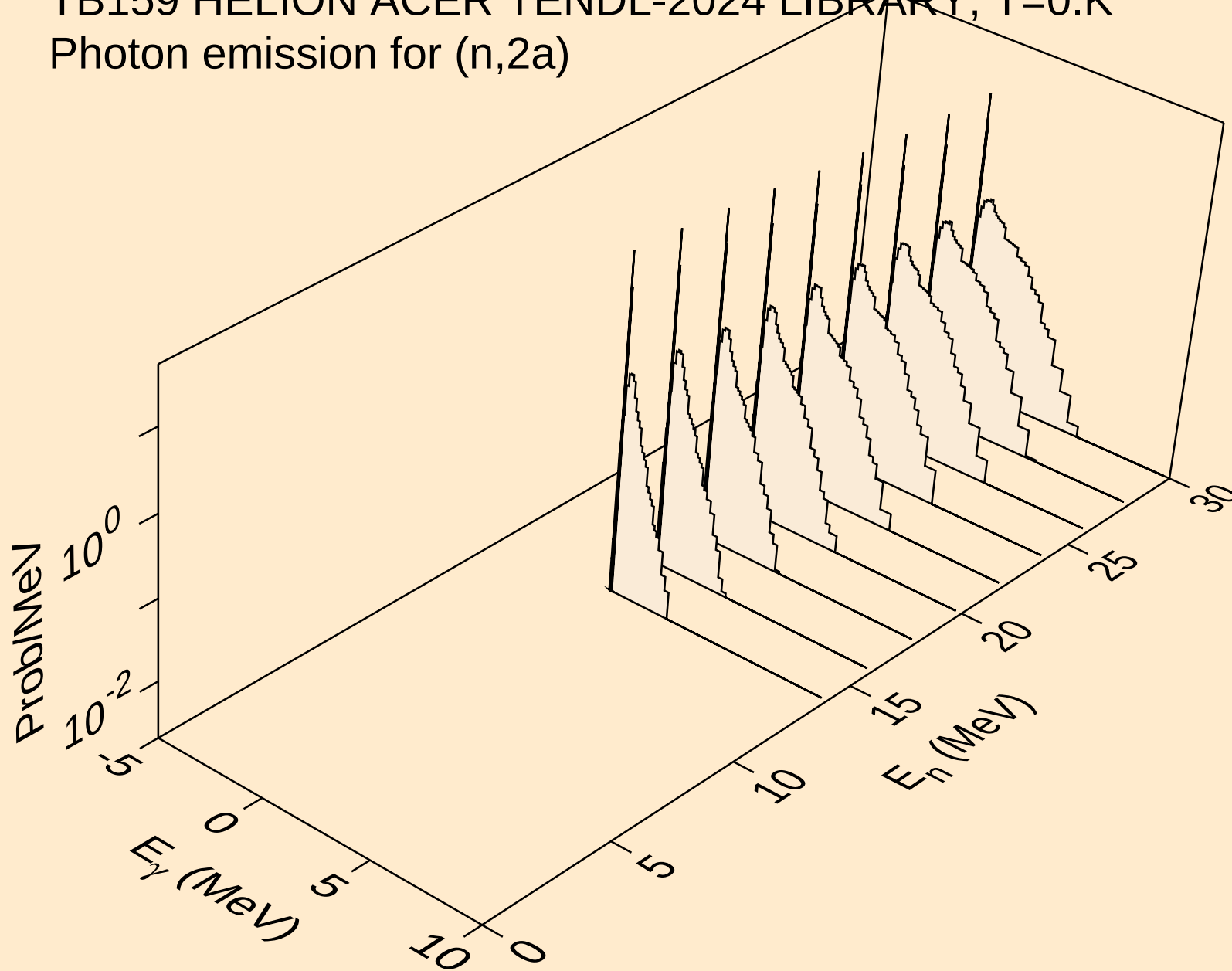
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



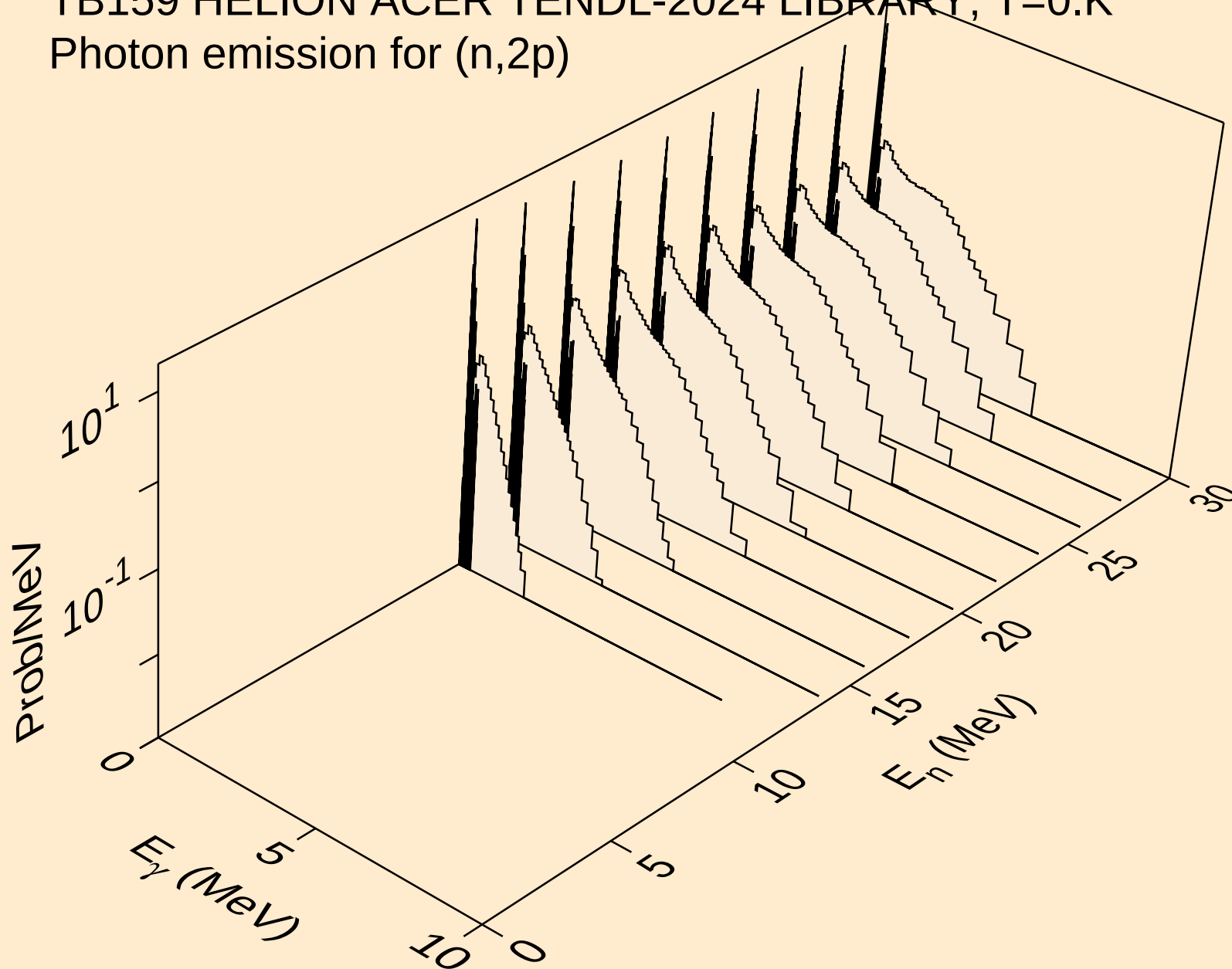
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



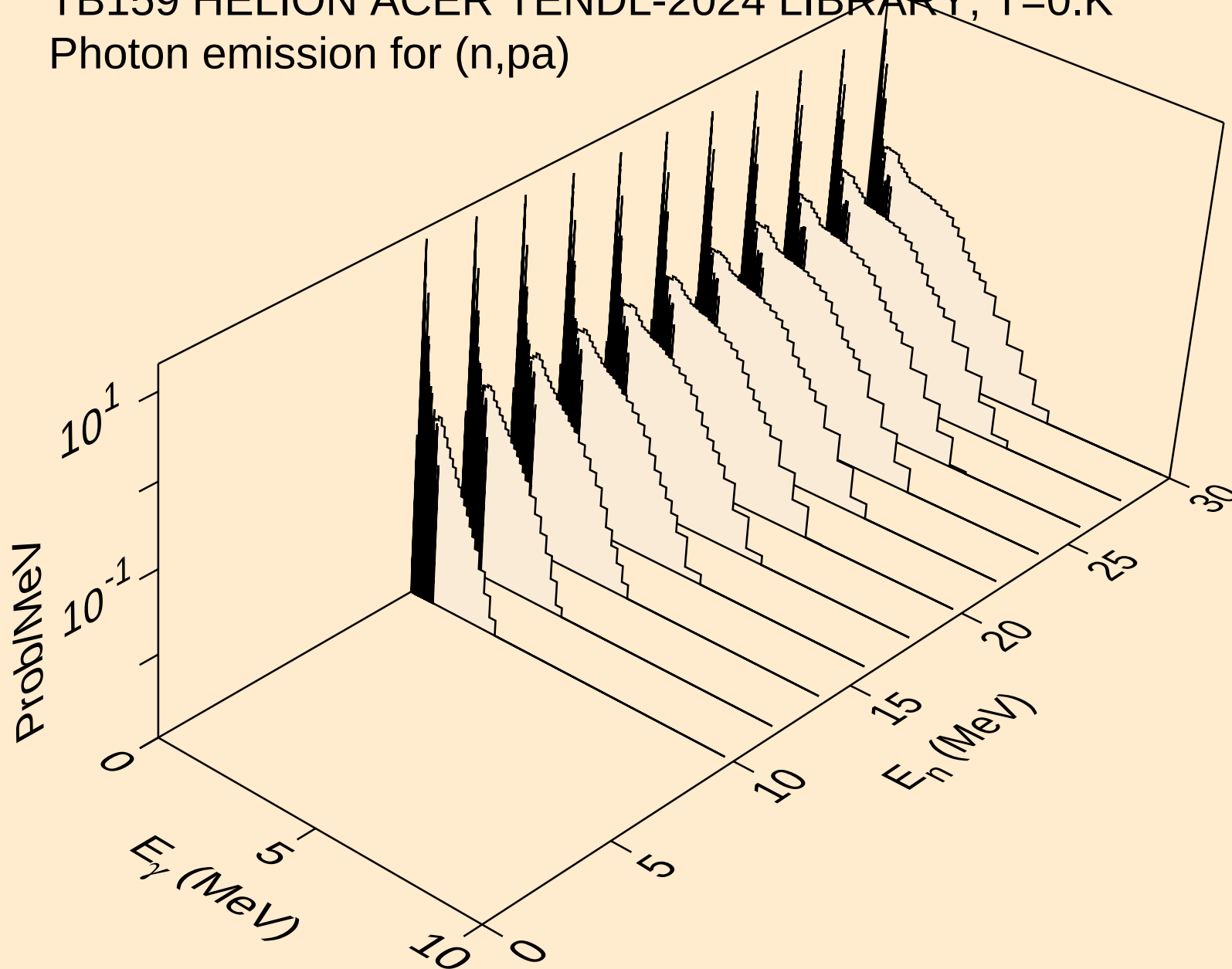
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Photon emission for (n,2a)



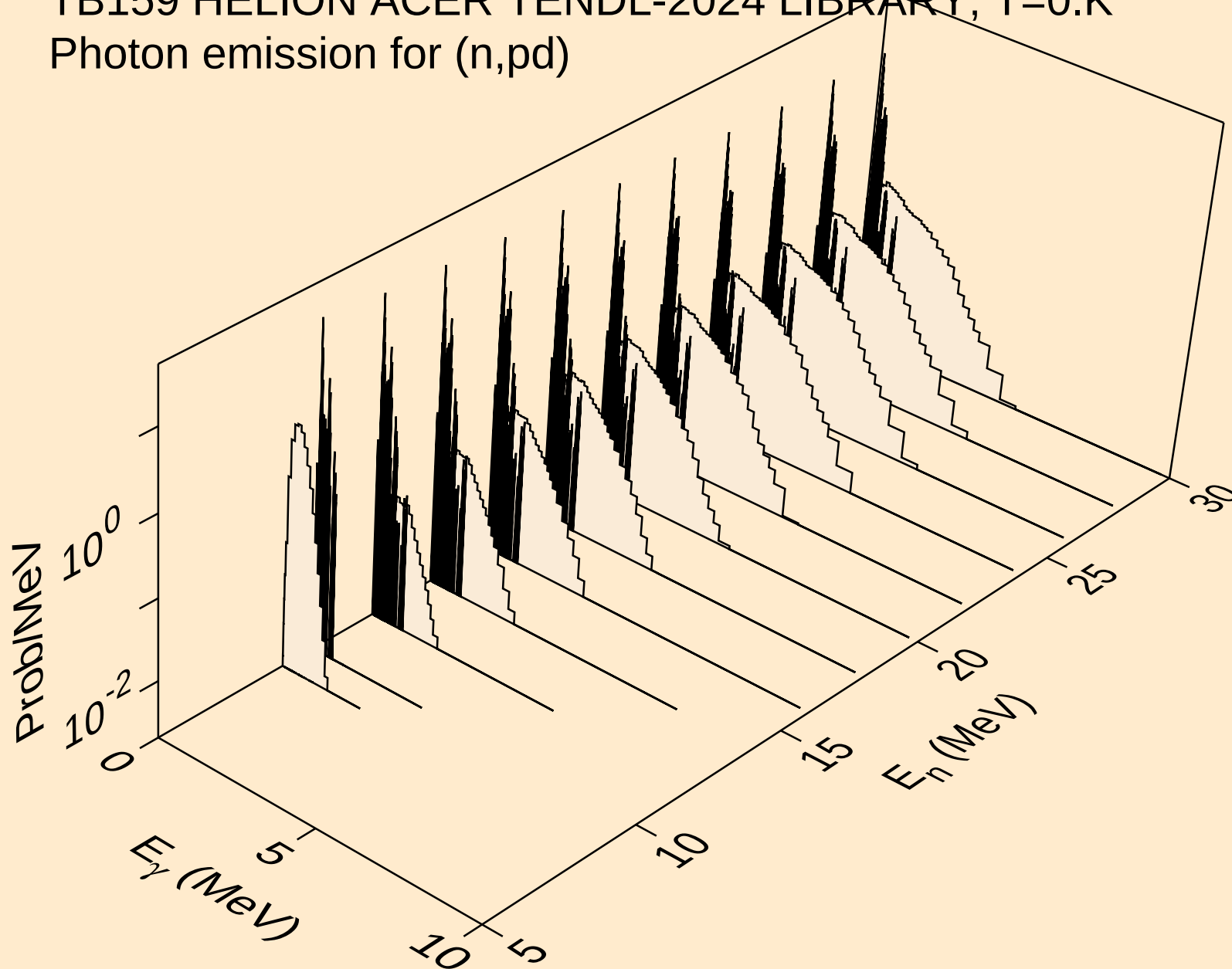
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Photon emission for (n,2p)



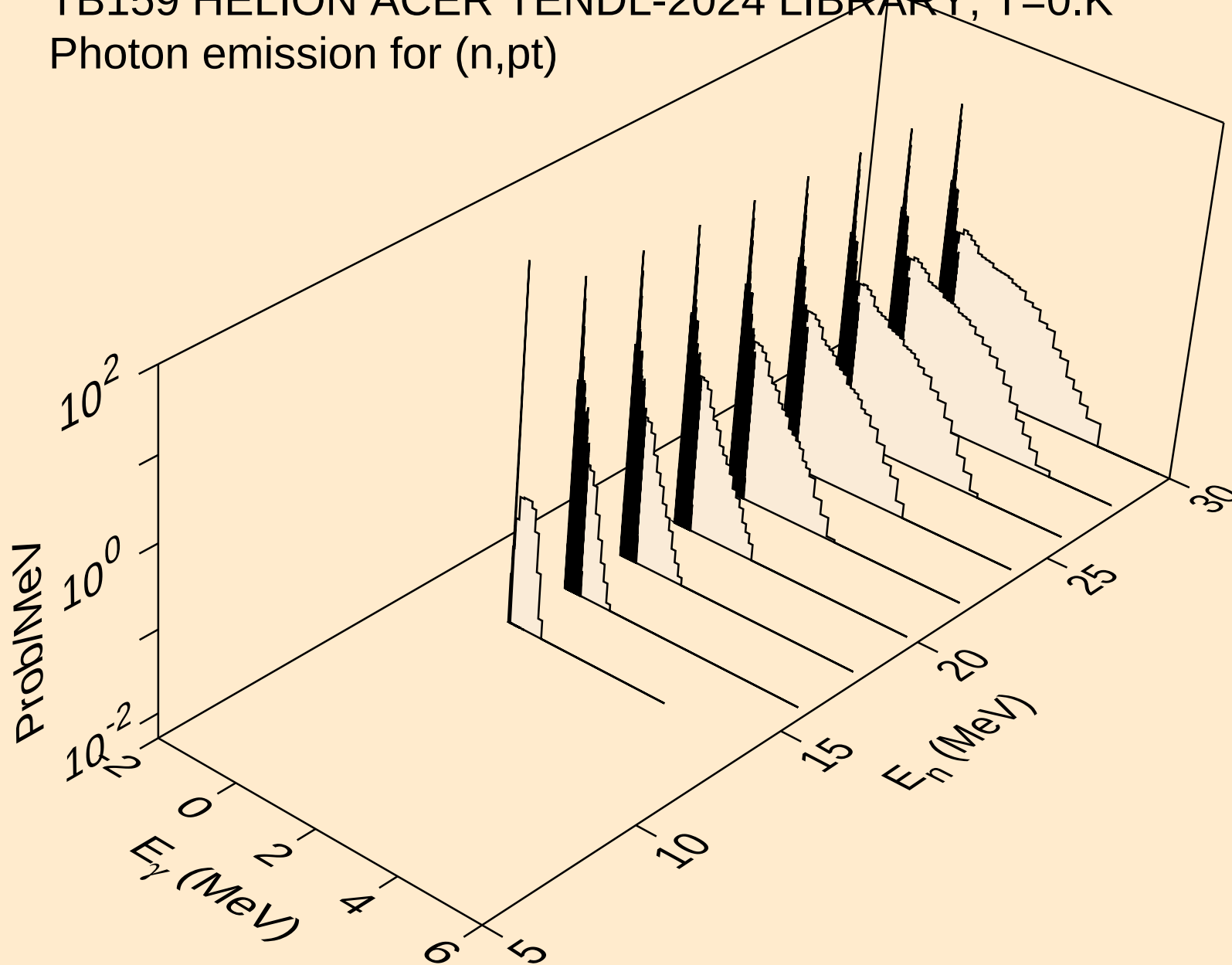
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Photon emission for (n,pa)



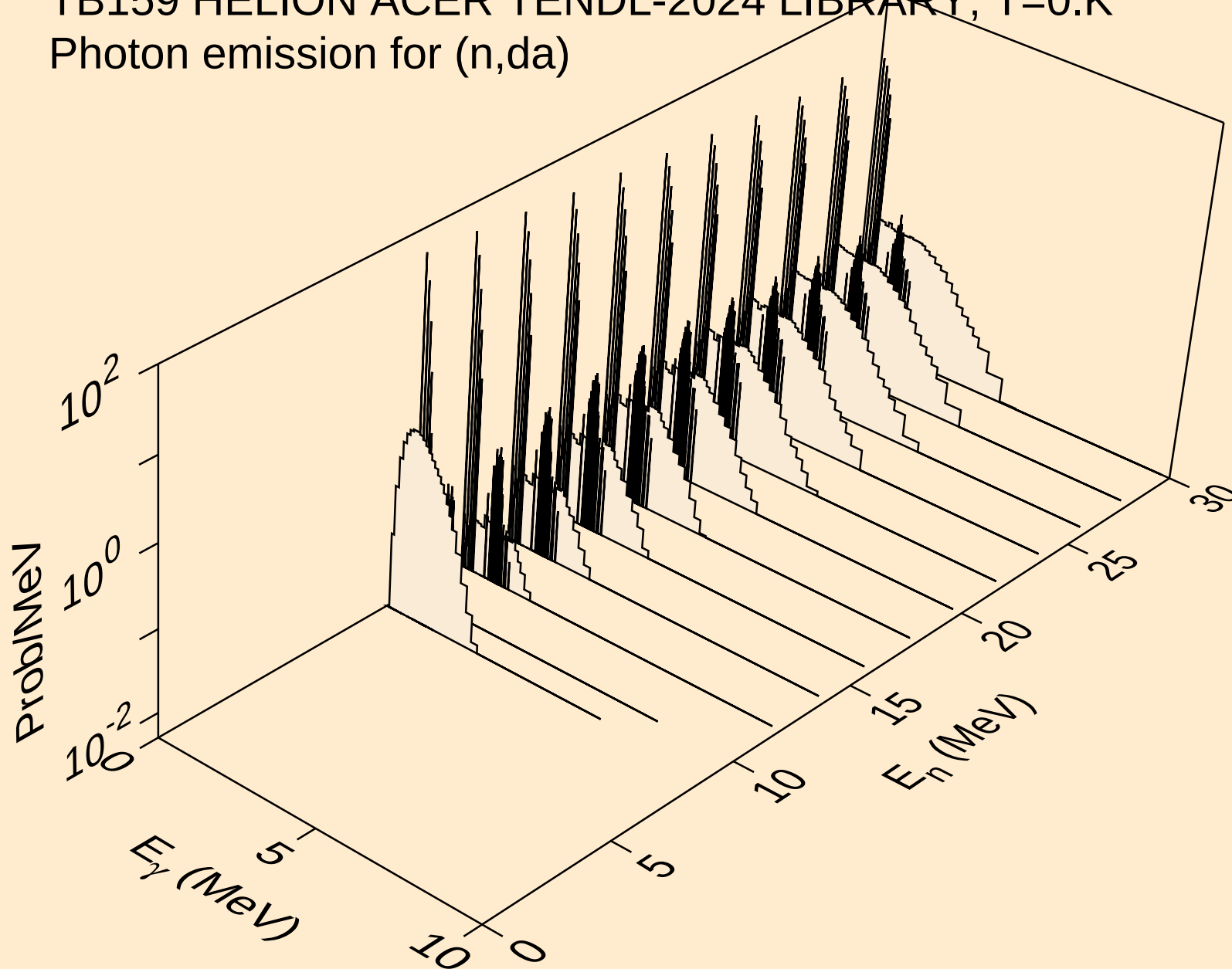
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Photon emission for (n,pd)



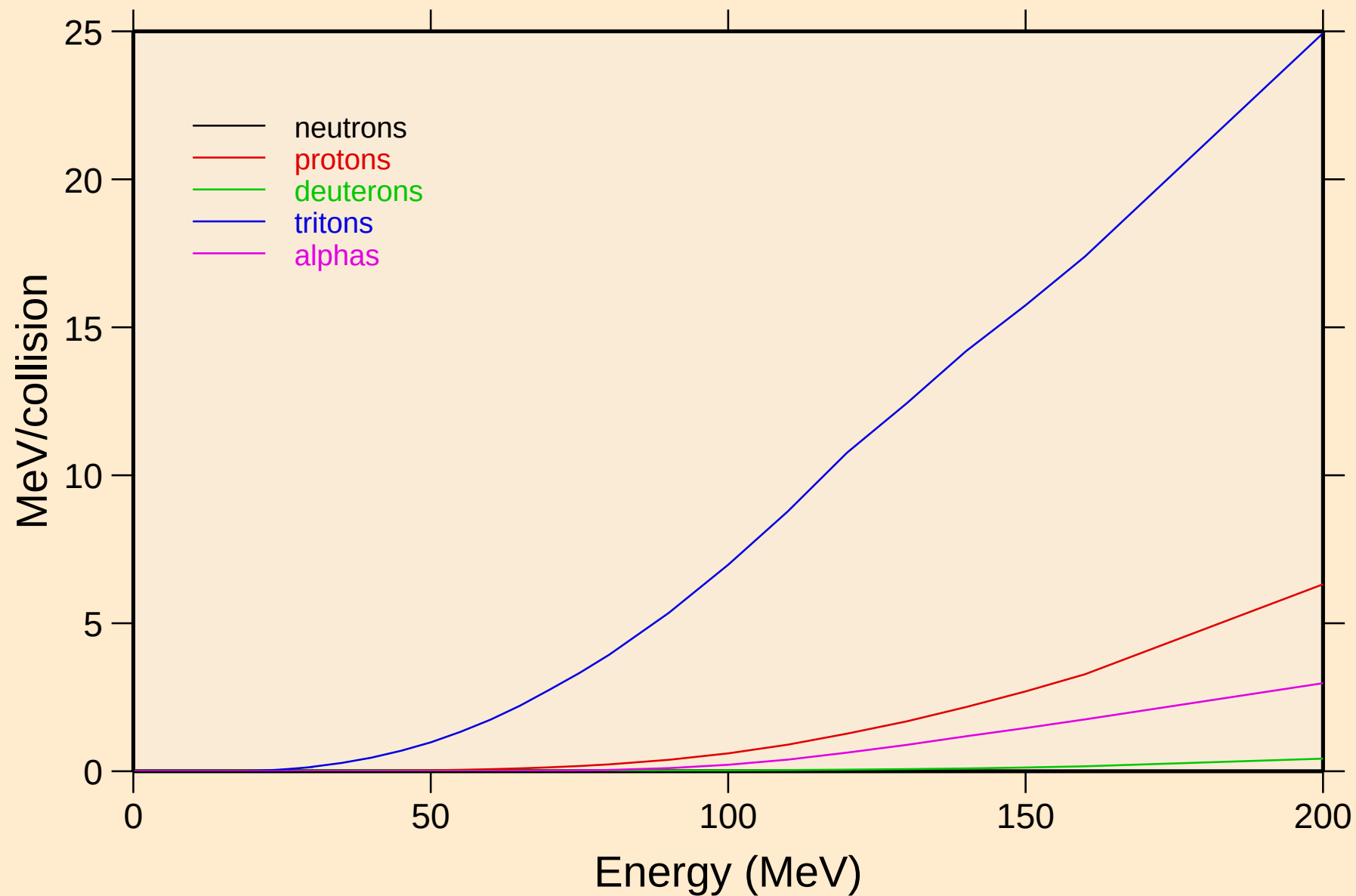
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)

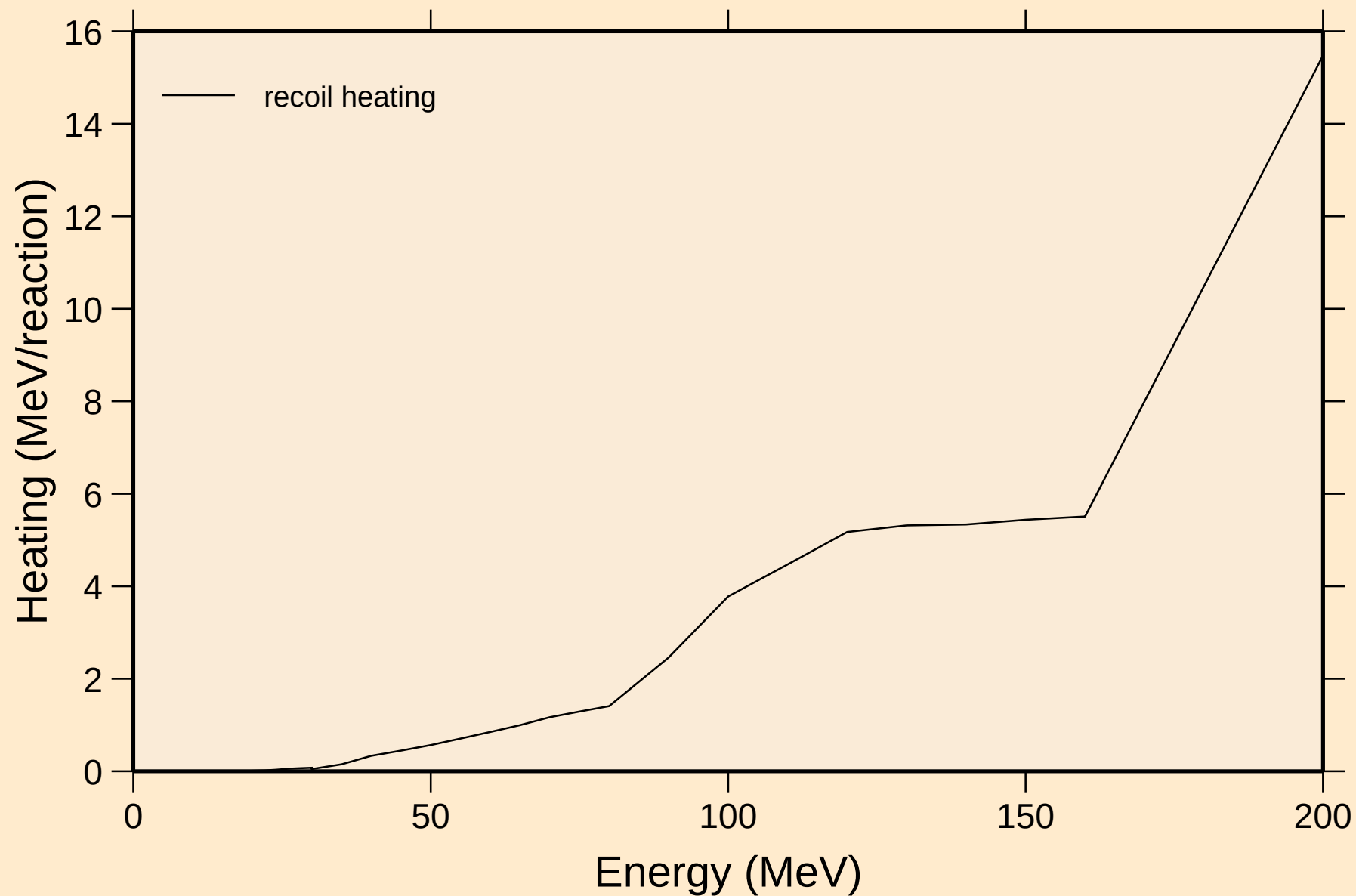


TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Particle heating contributions



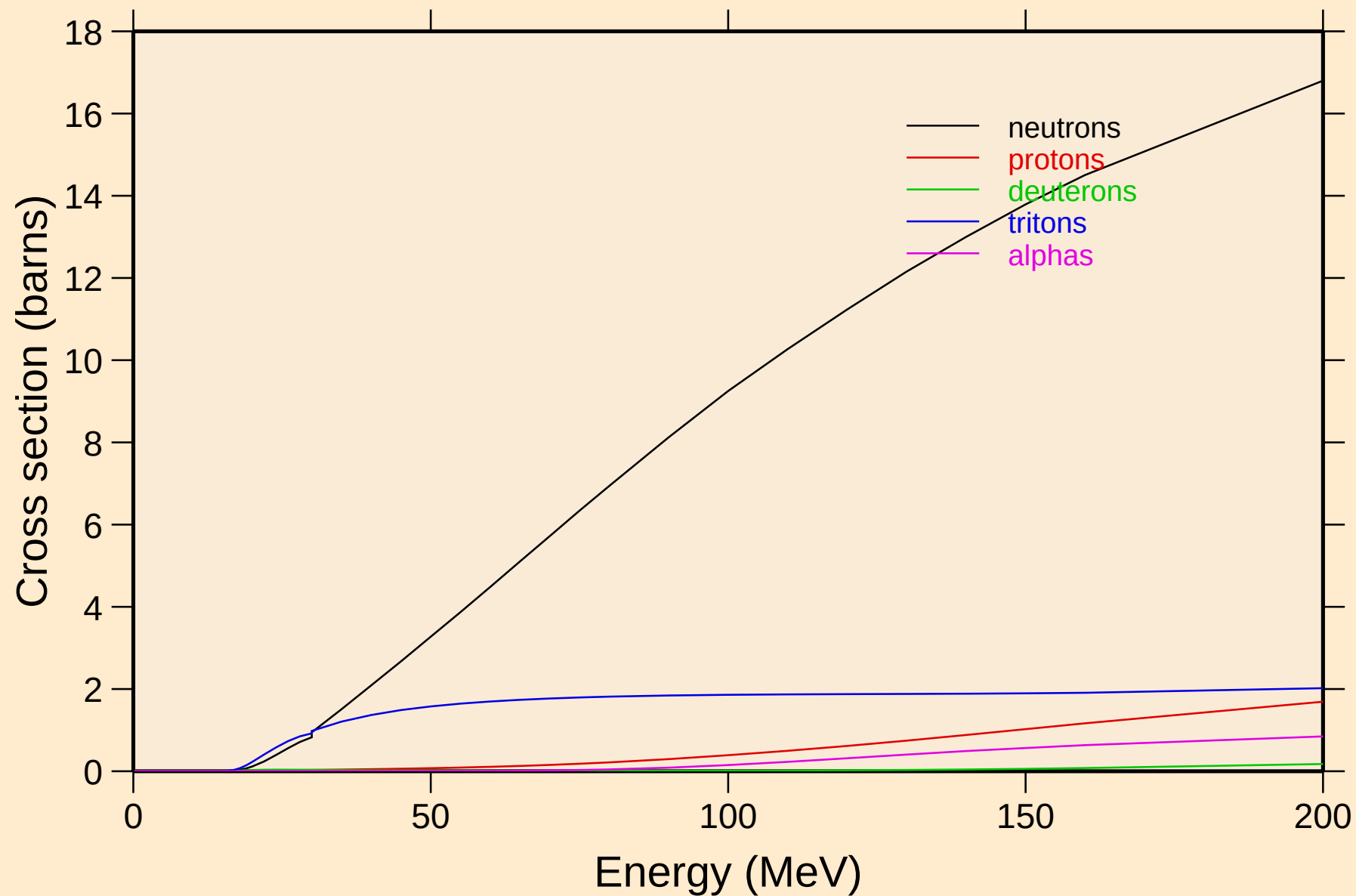
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

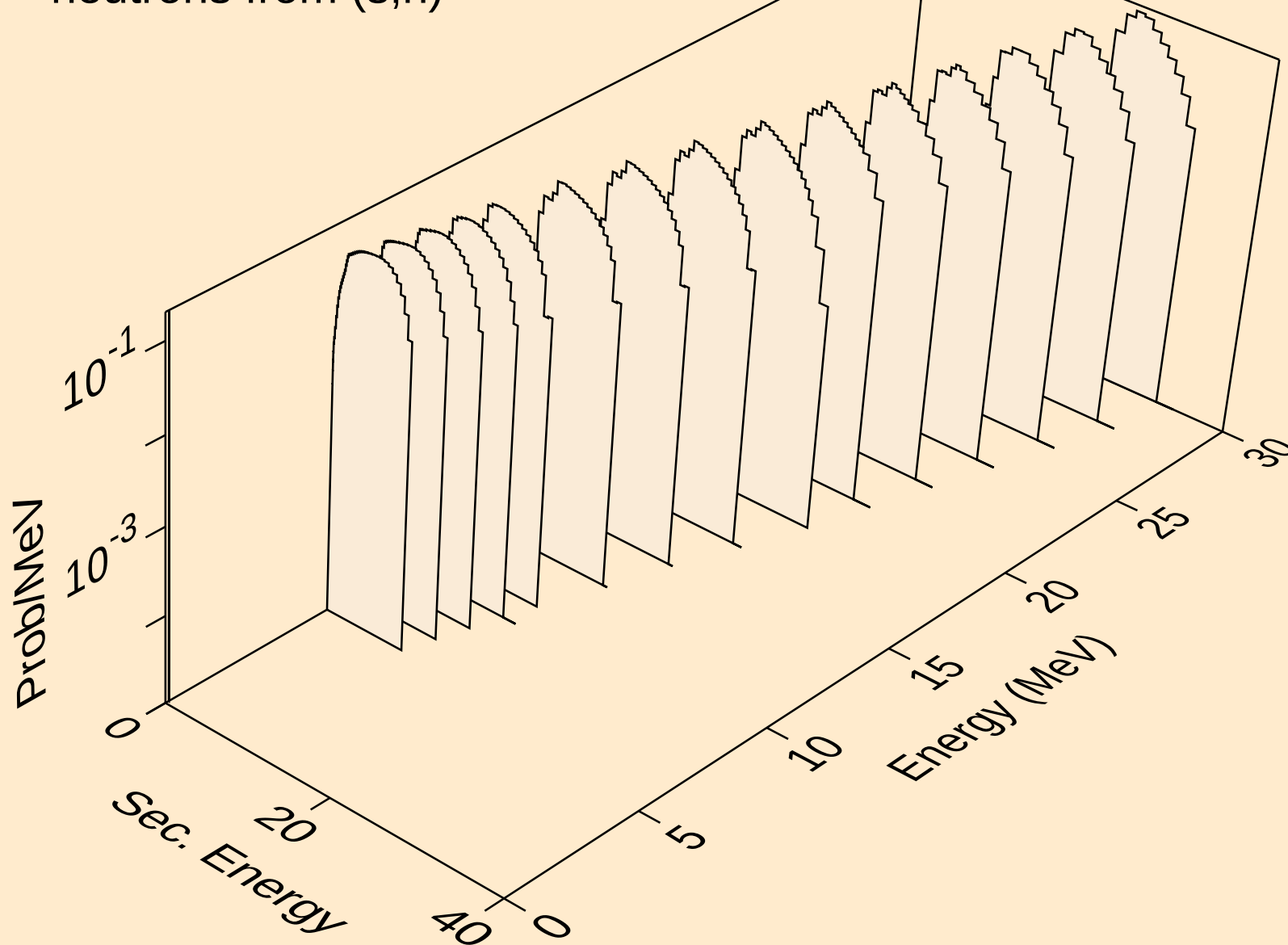


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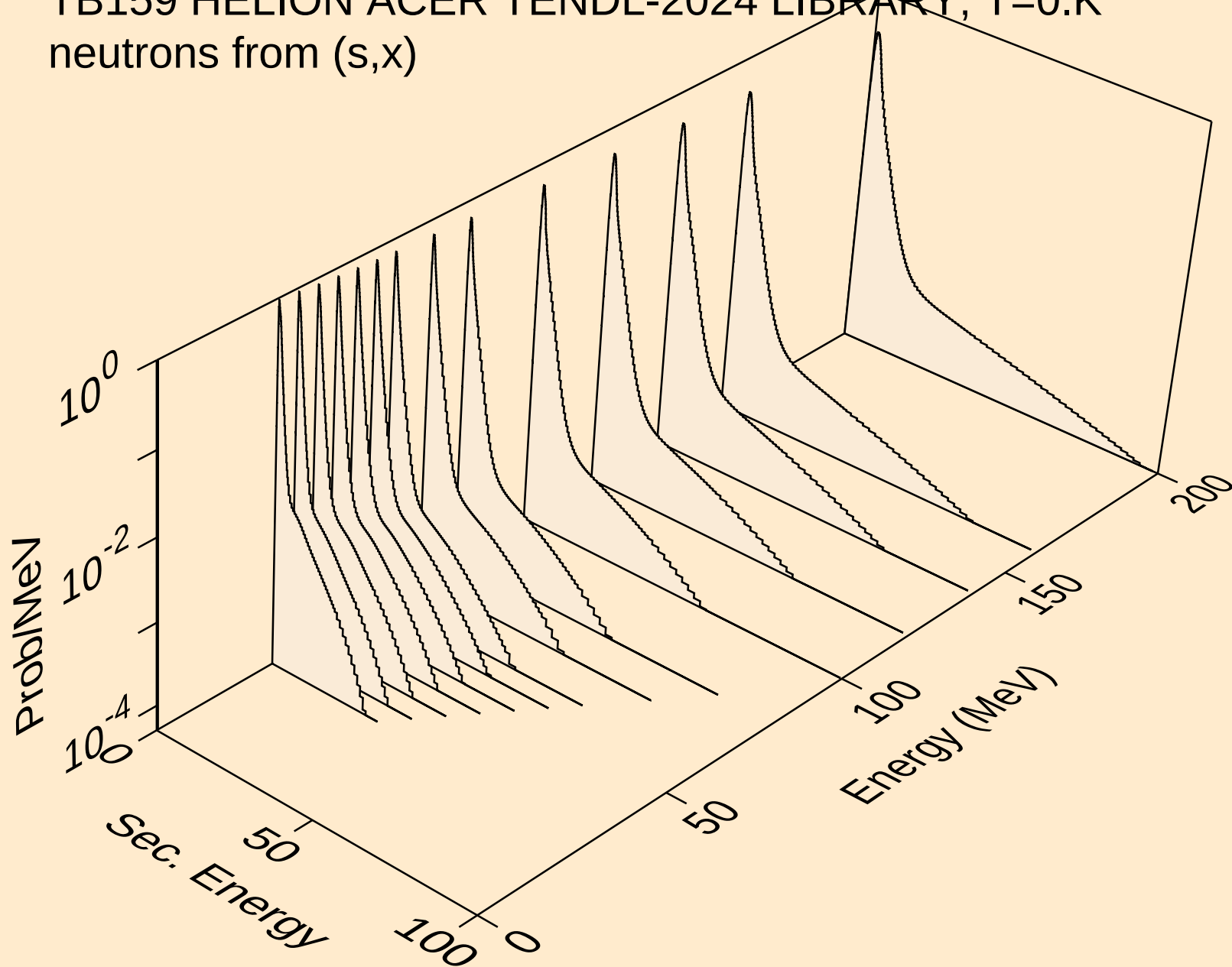
Particle production cross sections



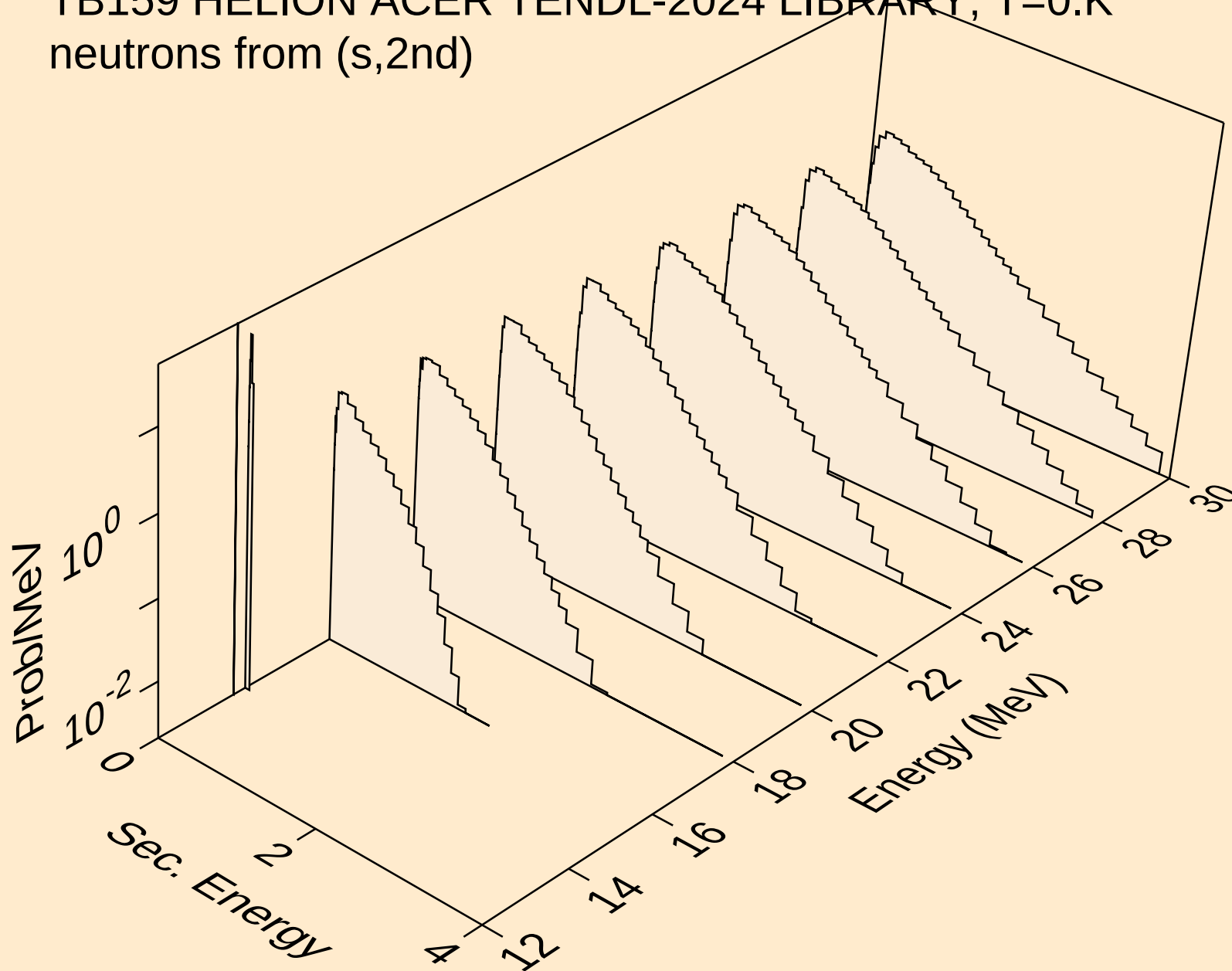
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n)



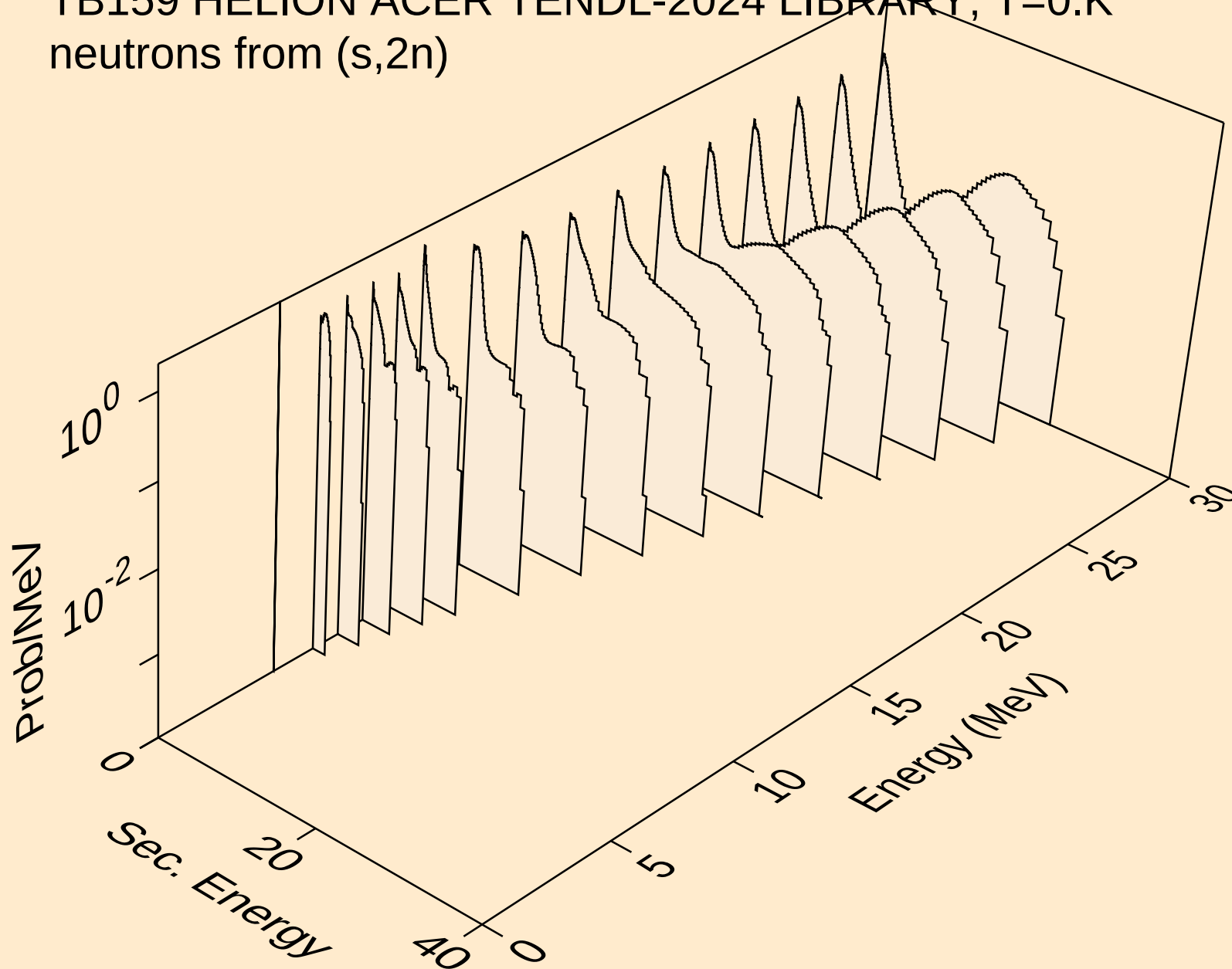
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,x)



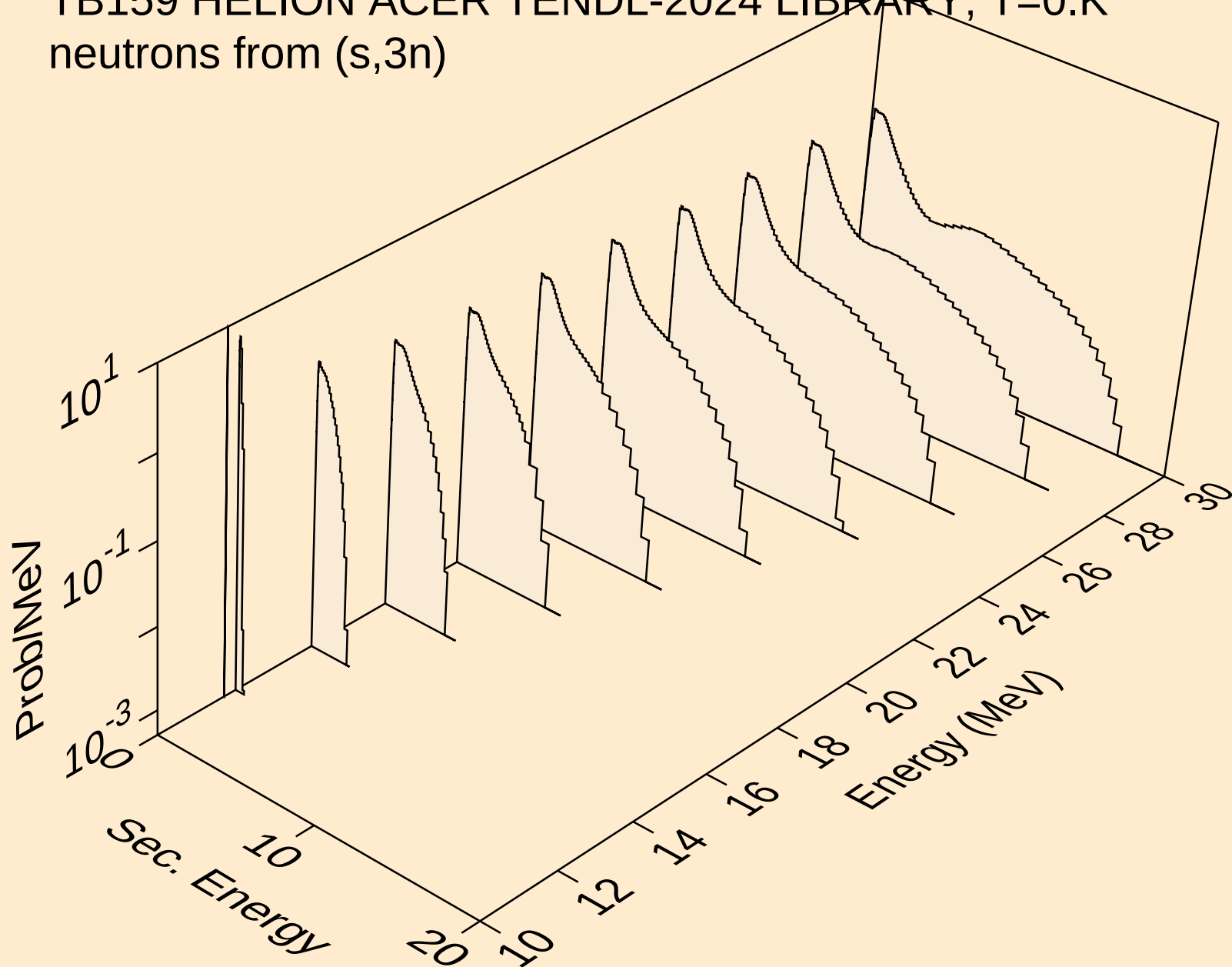
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neutrons from (s,2nd)



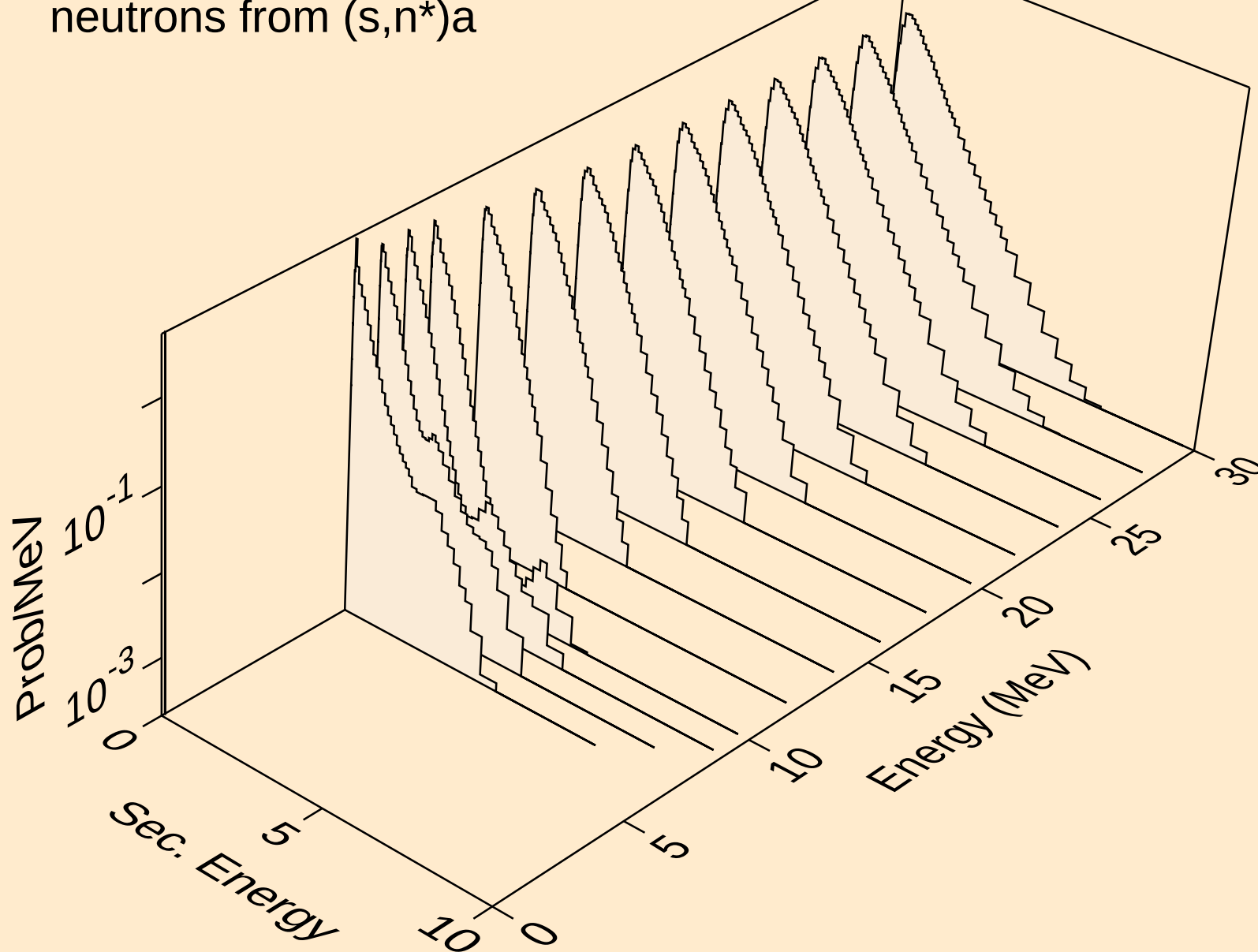
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neutrons from (s,2n)



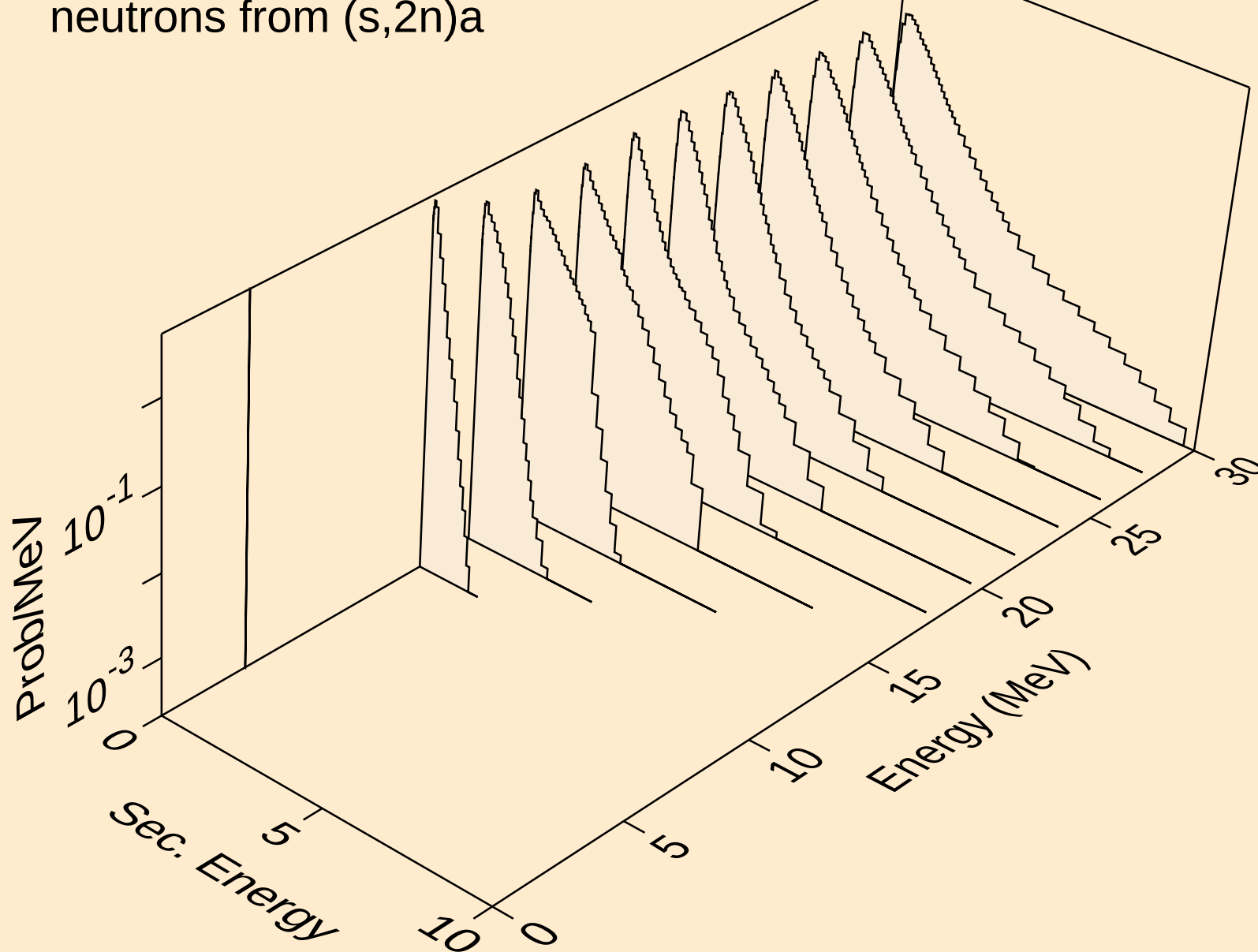
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3n)



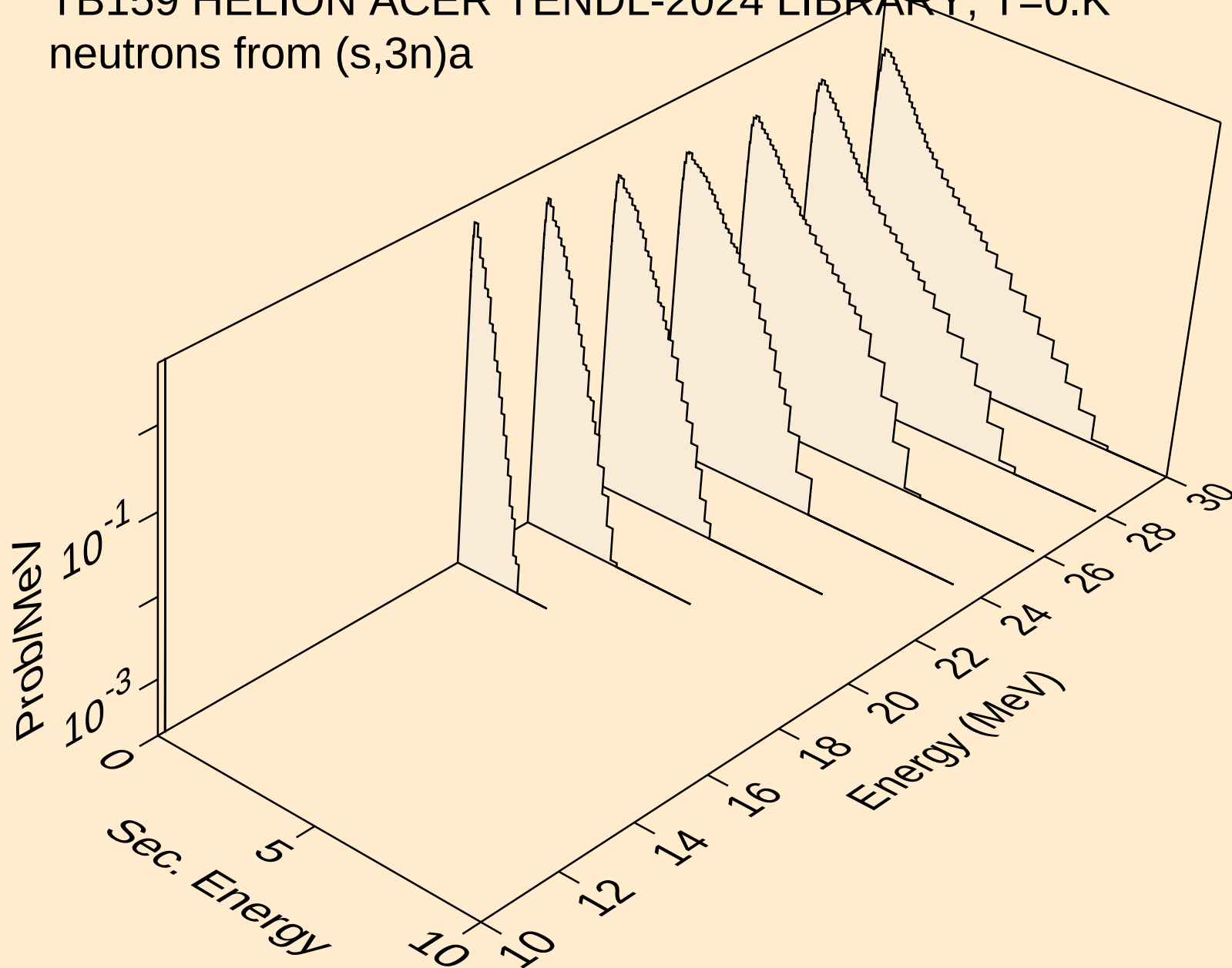
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)a



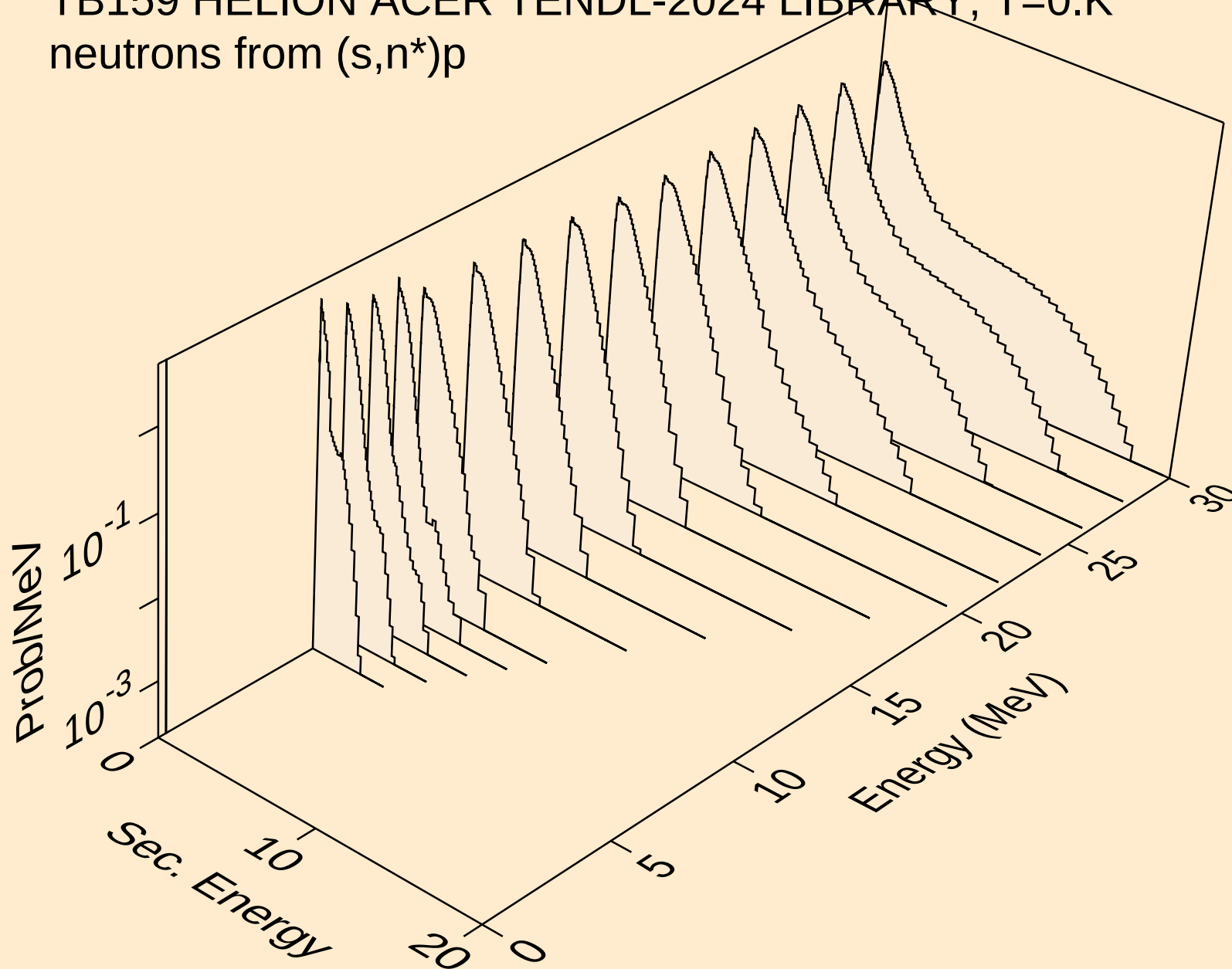
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)a



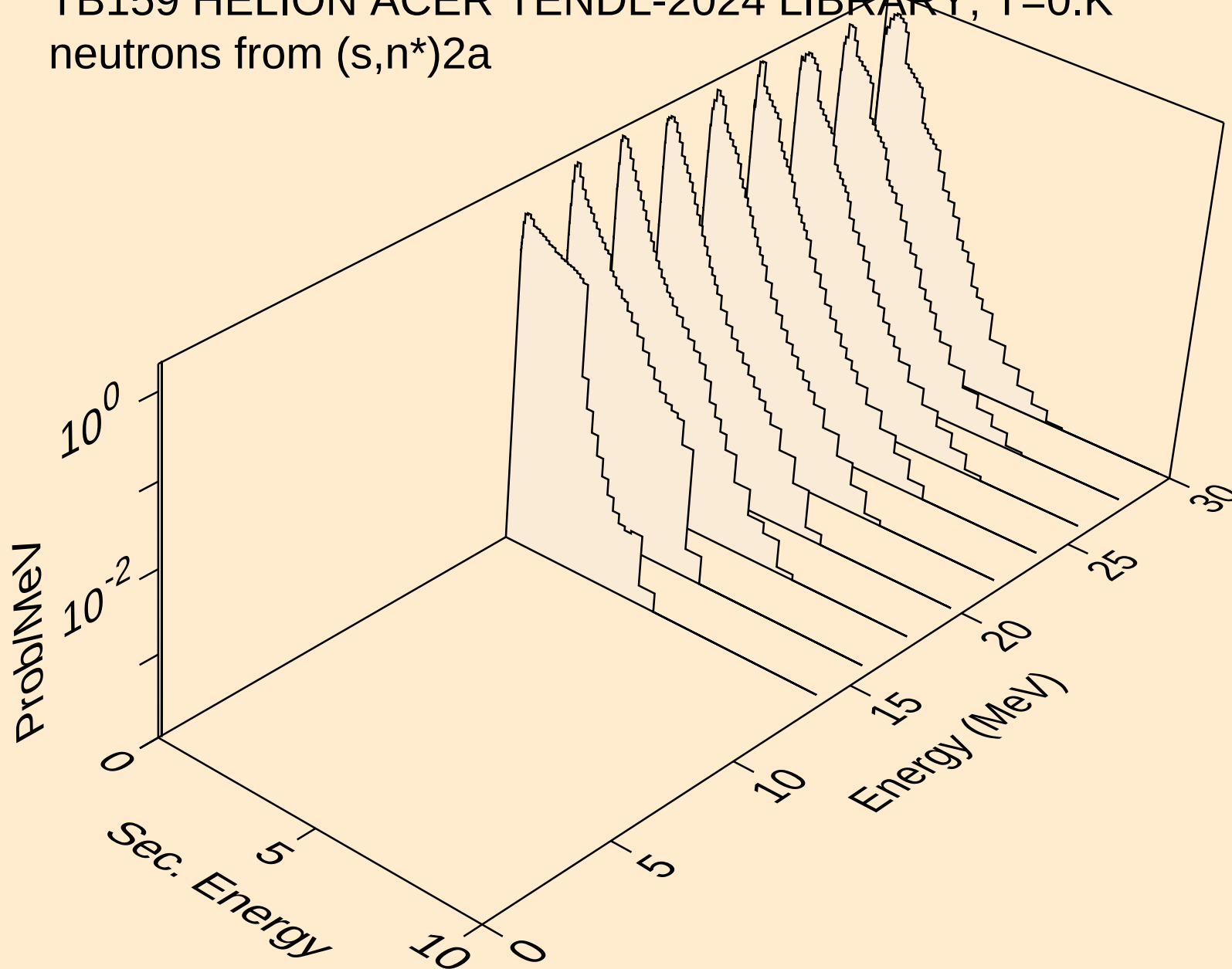
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3n)a



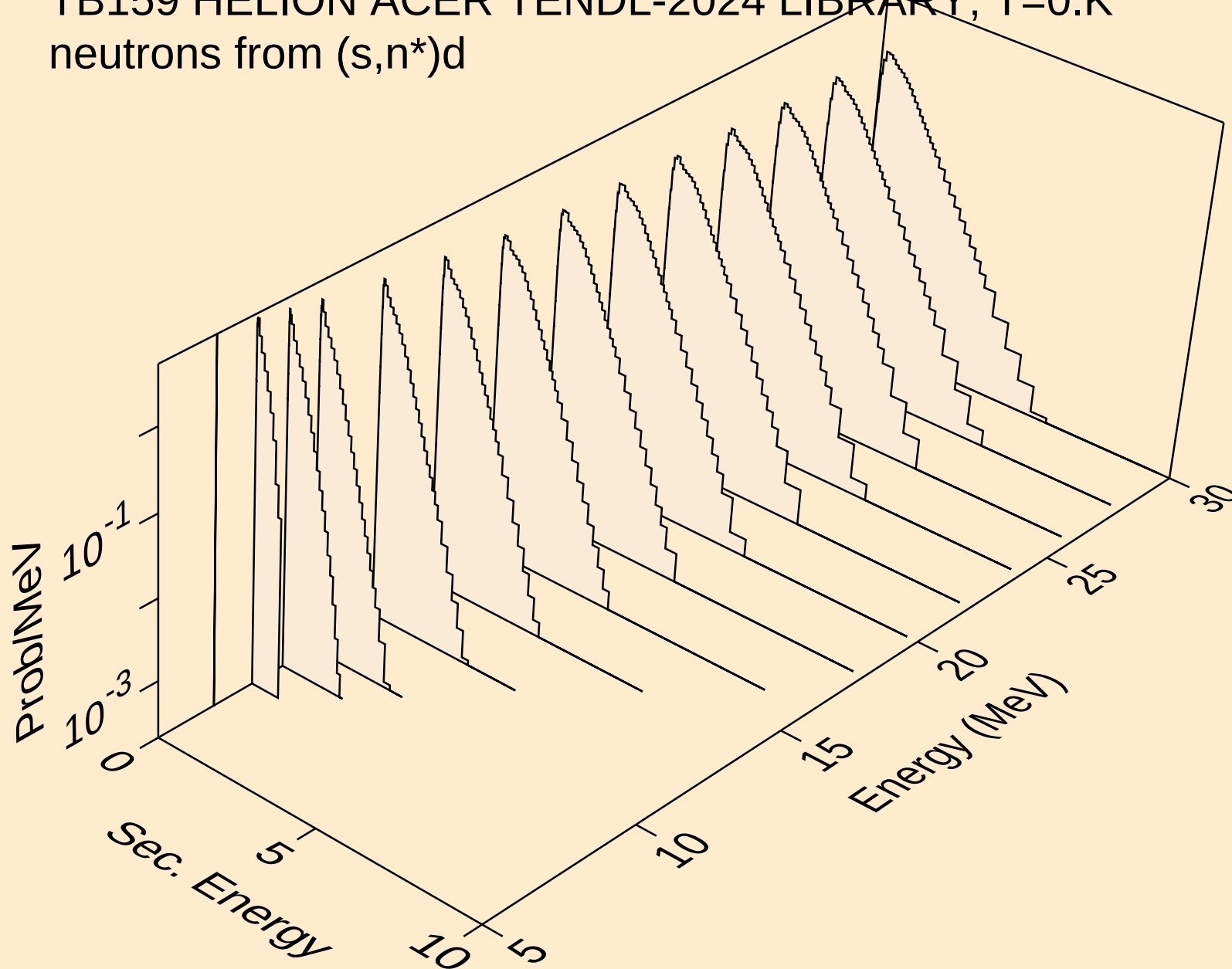
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)p



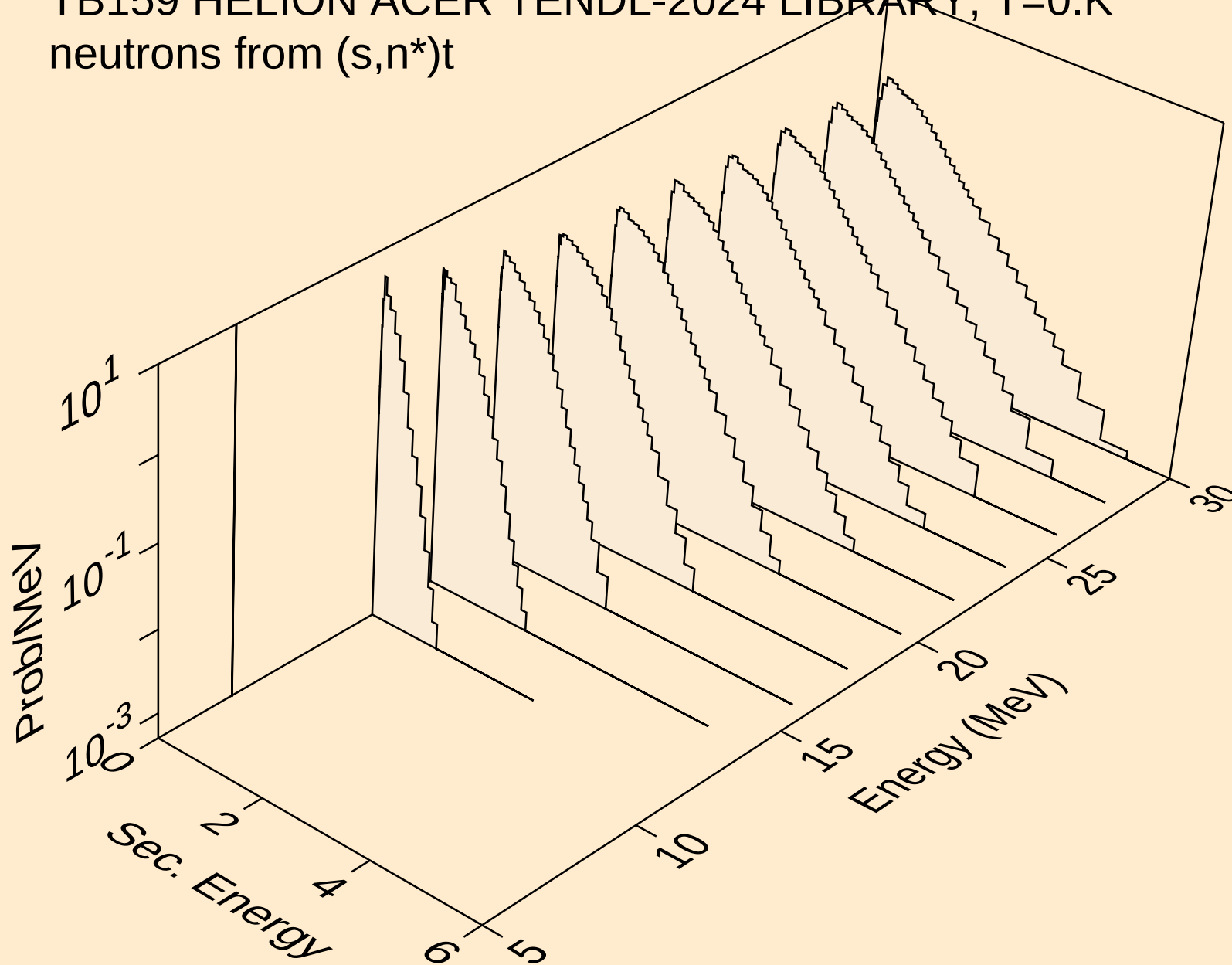
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neutrons from (s,n*)2a



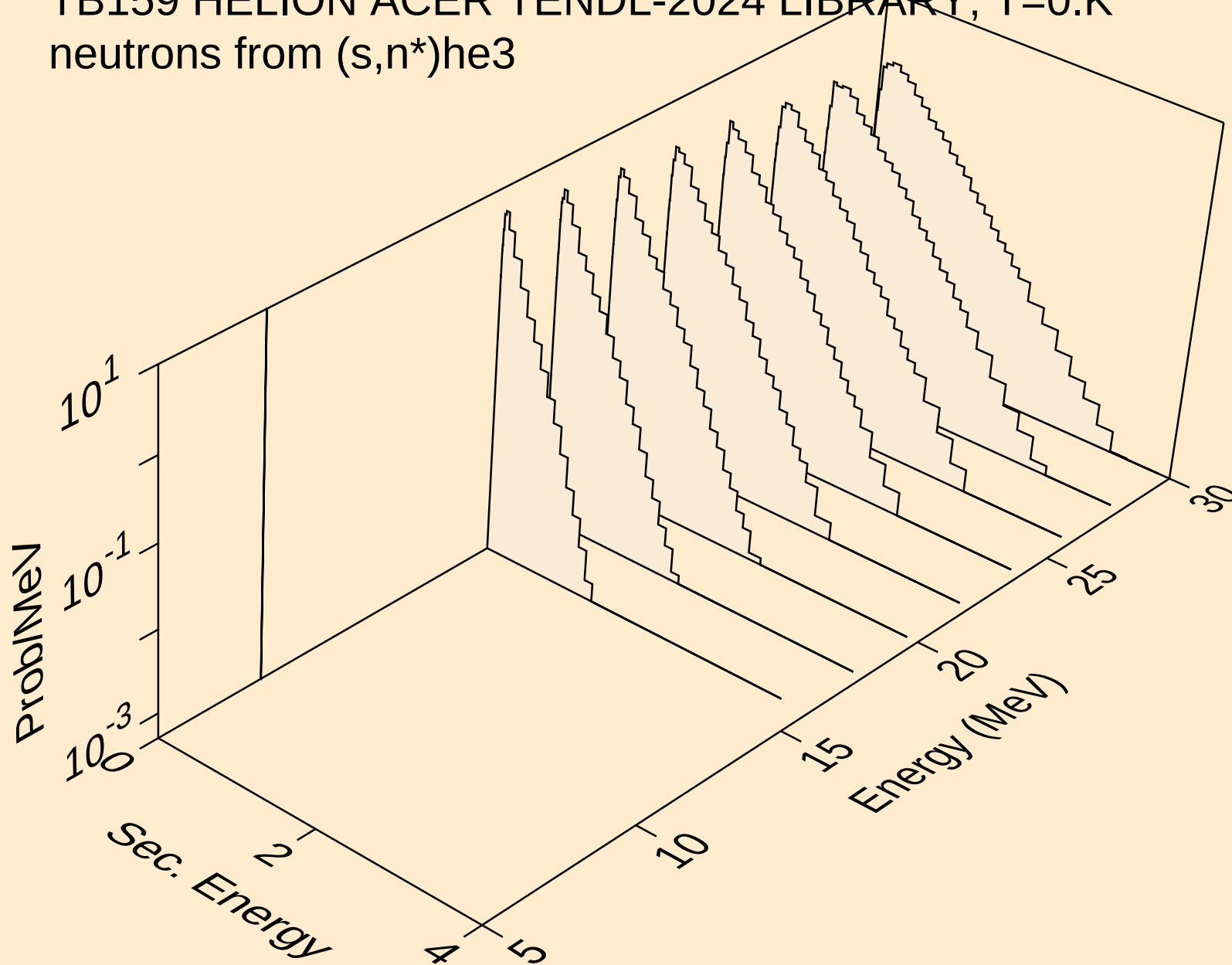
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)d



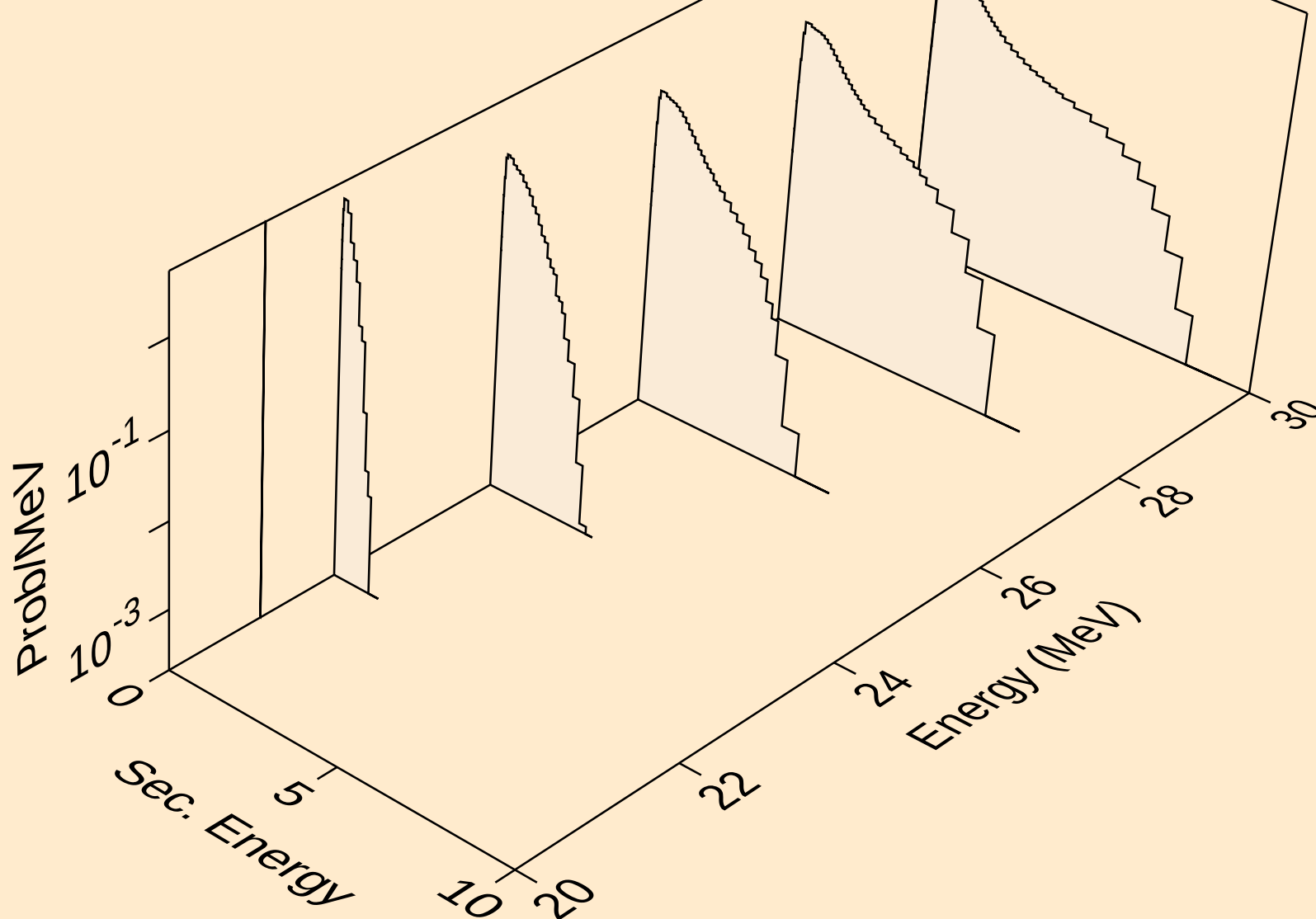
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)t



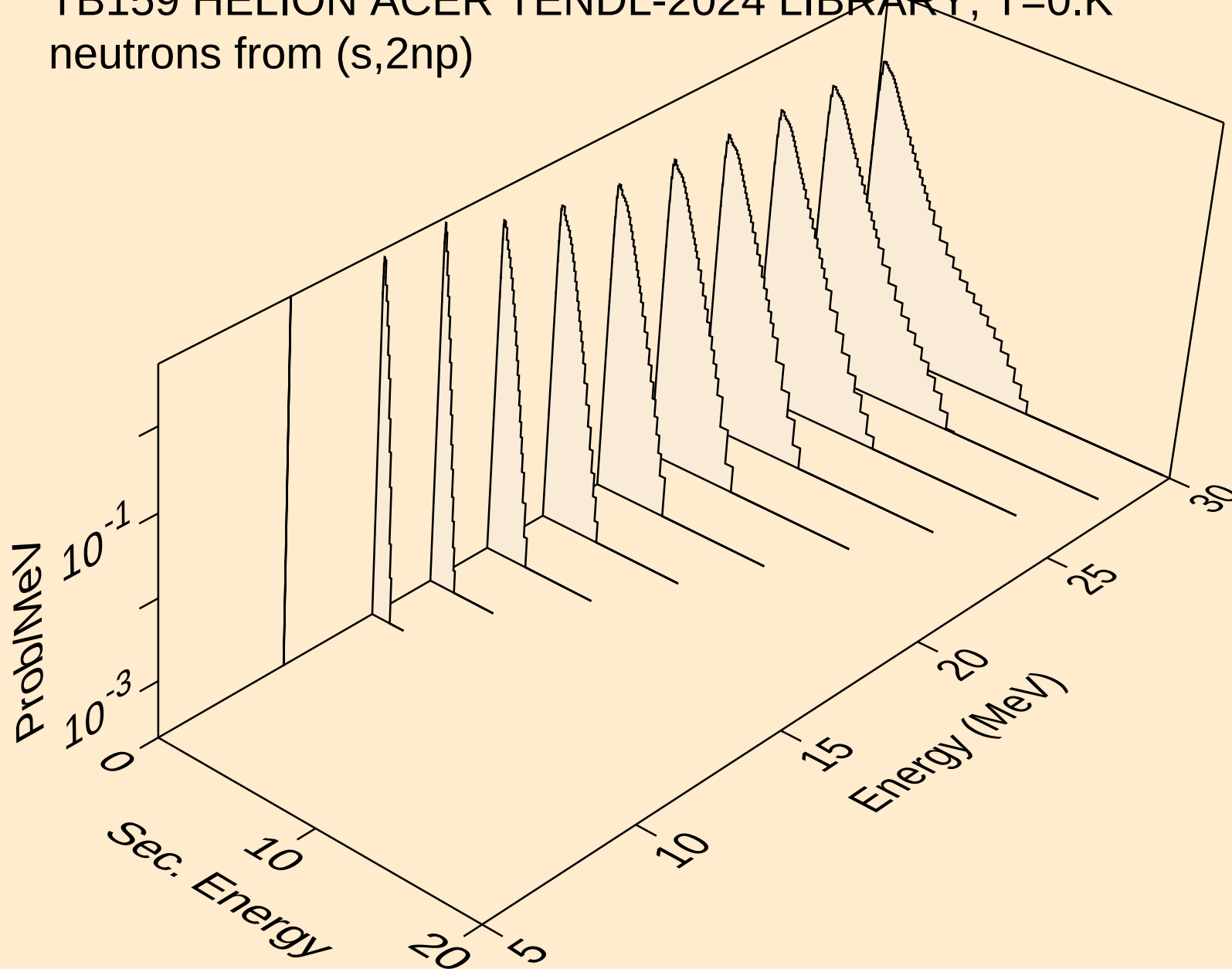
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)he3



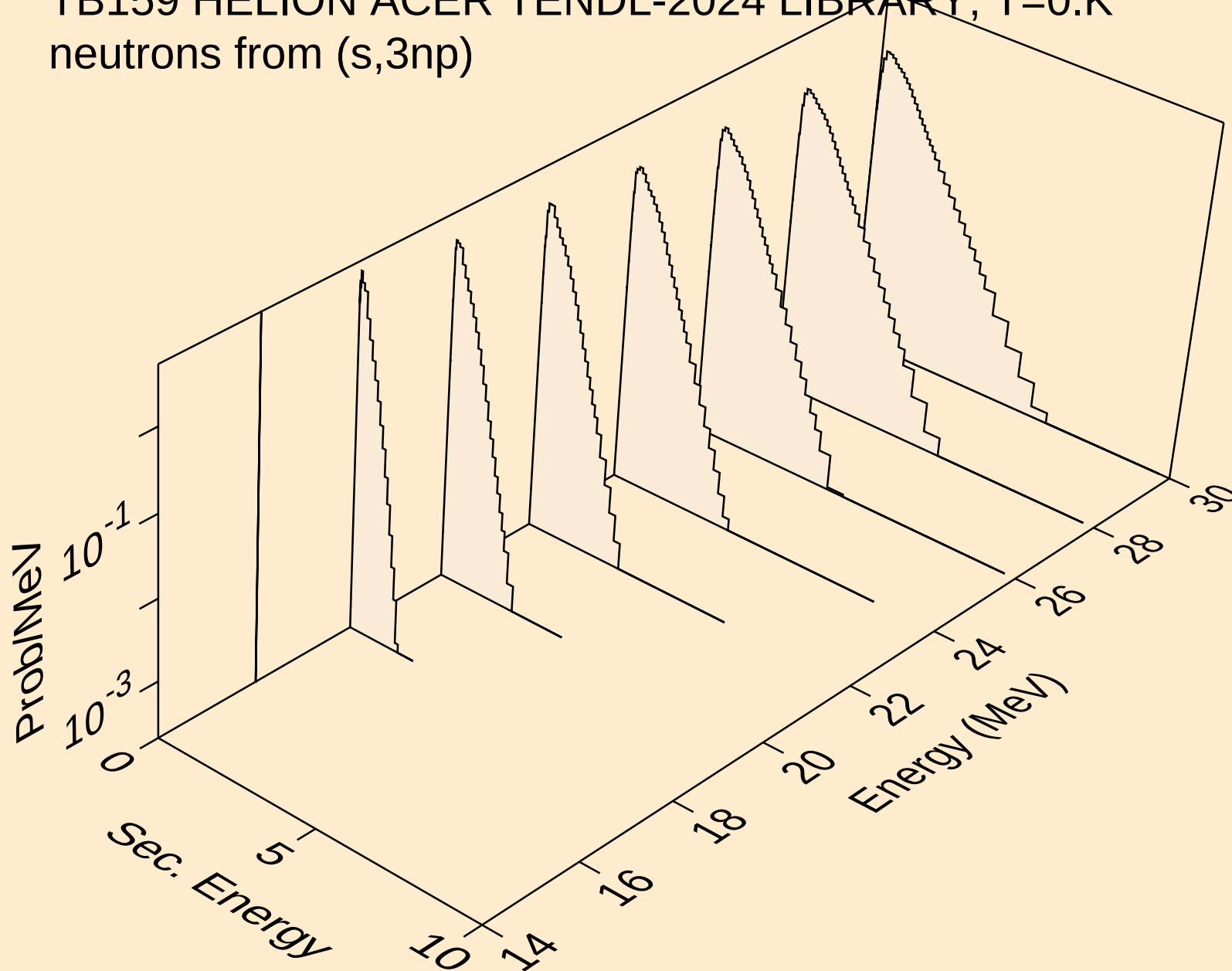
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neutrons from (s,4n)



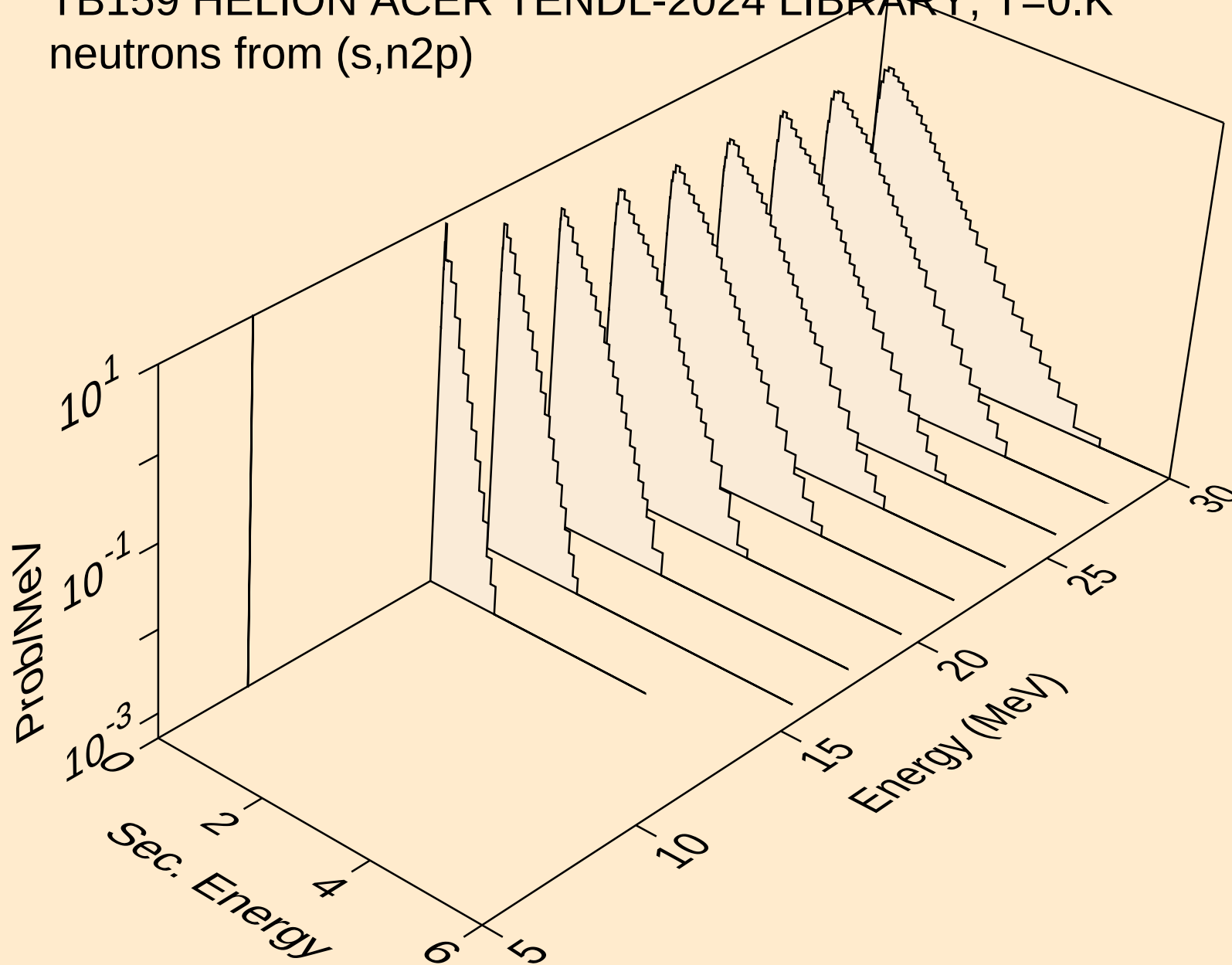
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neutrons from (s,2np)



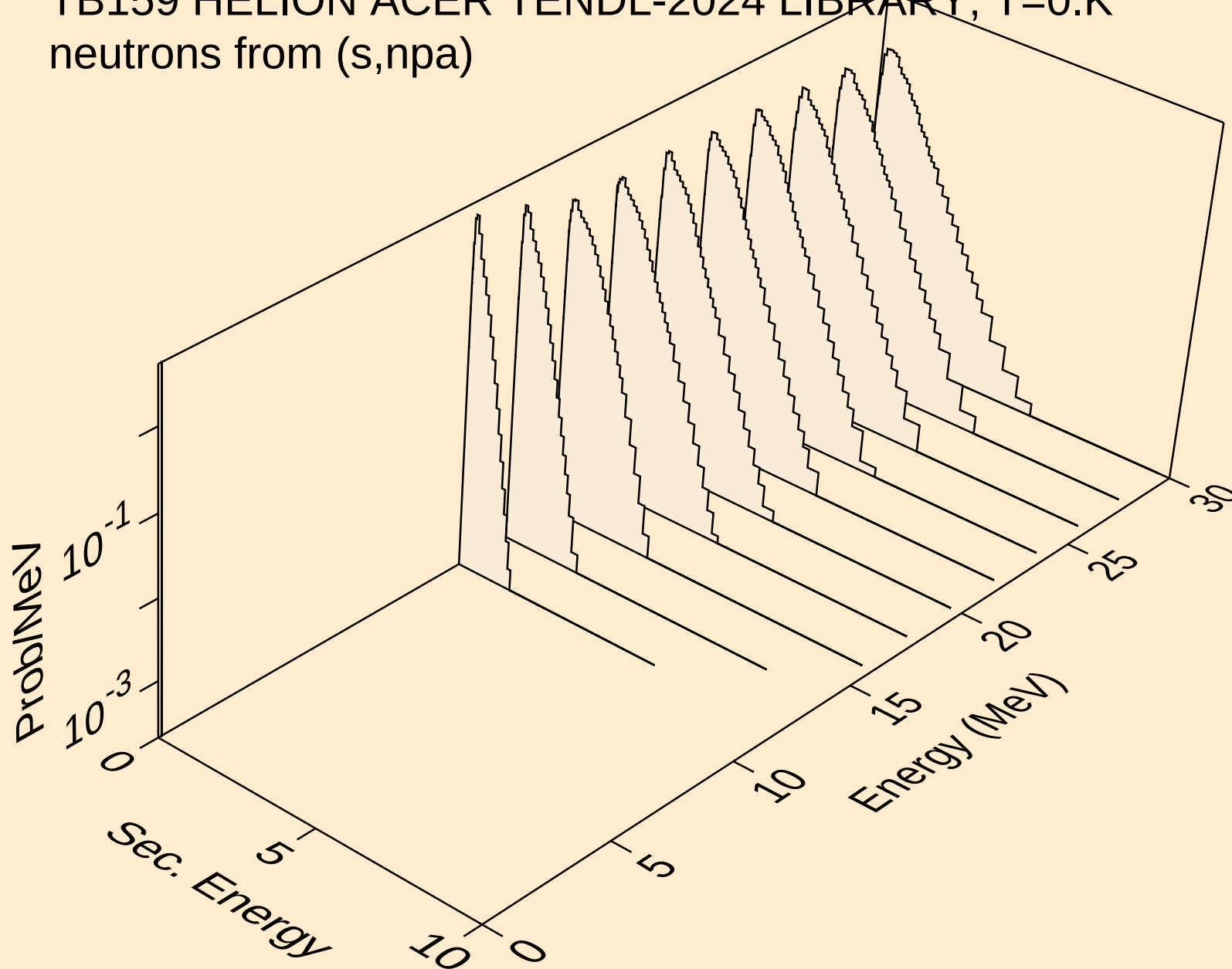
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neutrons from (s,3np)



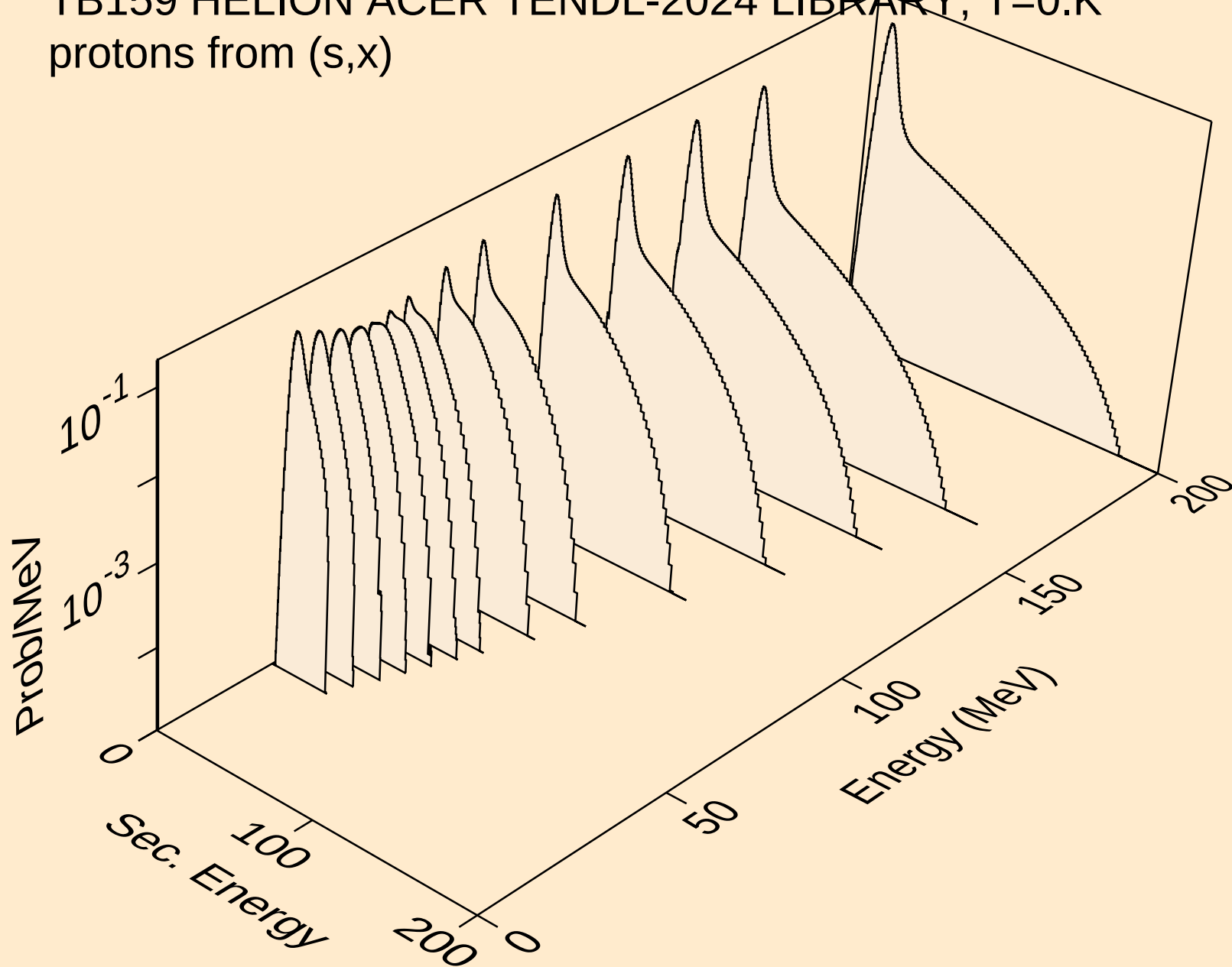
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neutrons from (s,n2p)



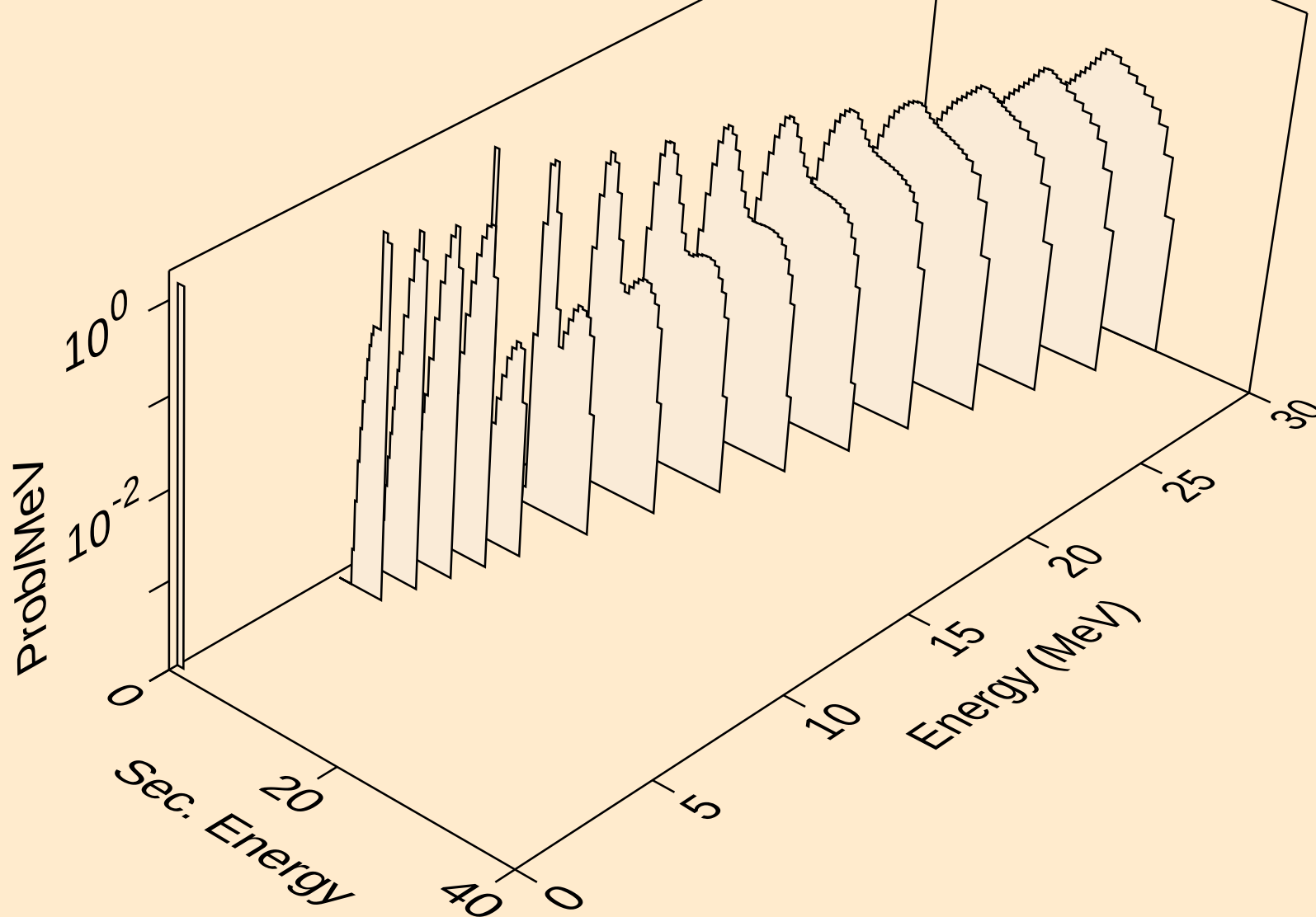
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neutrons from (s,npa)



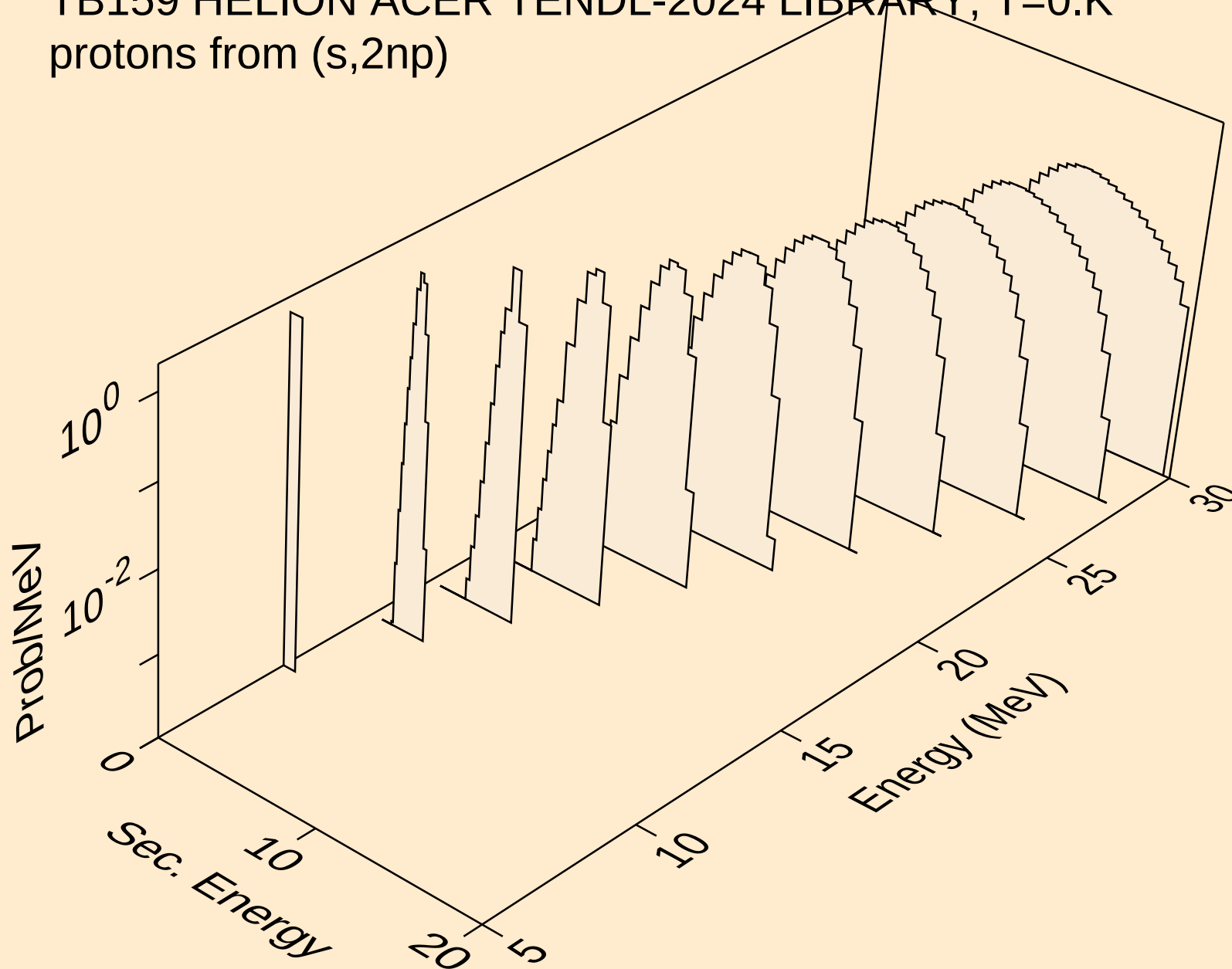
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,x)



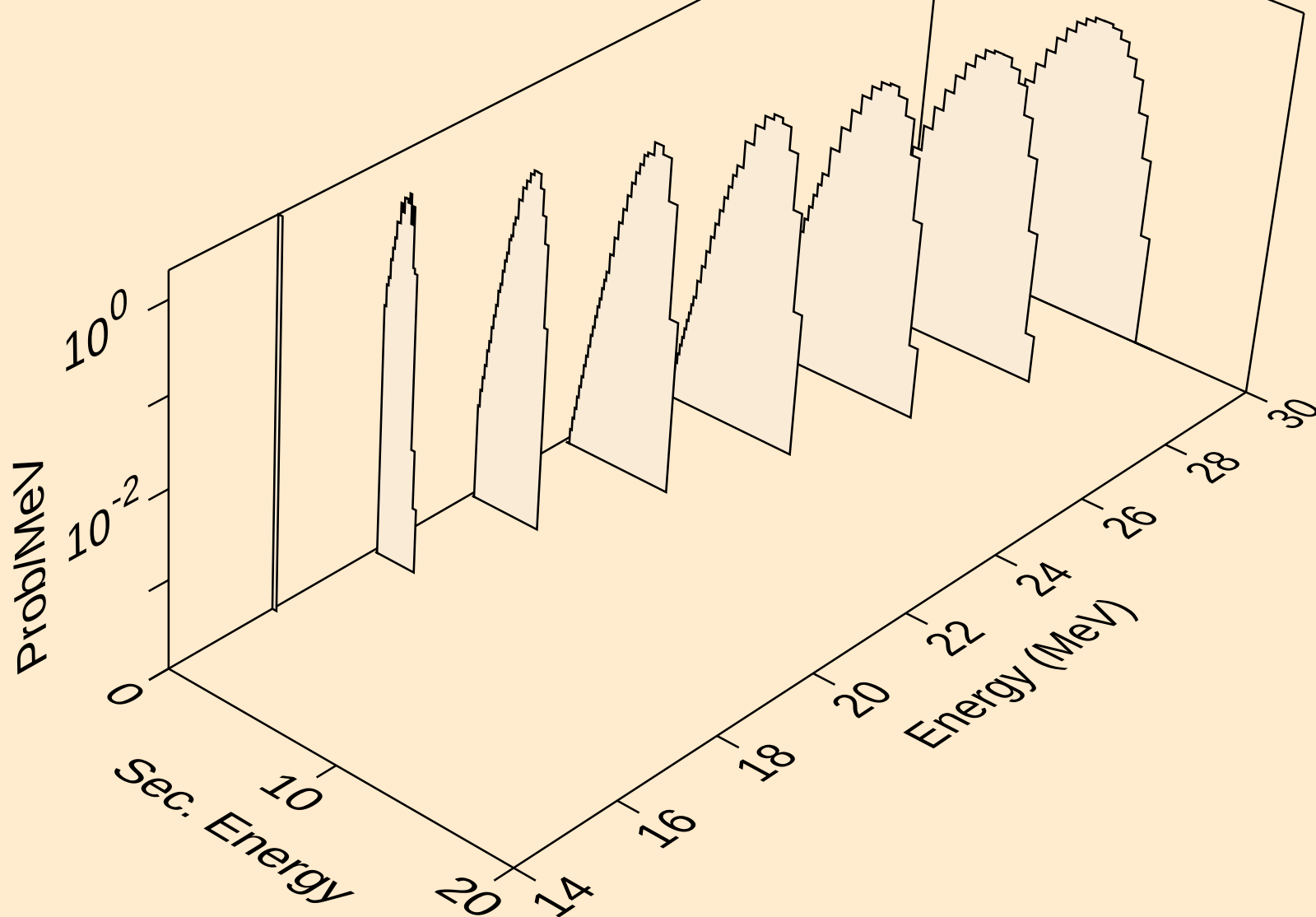
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,n*)p



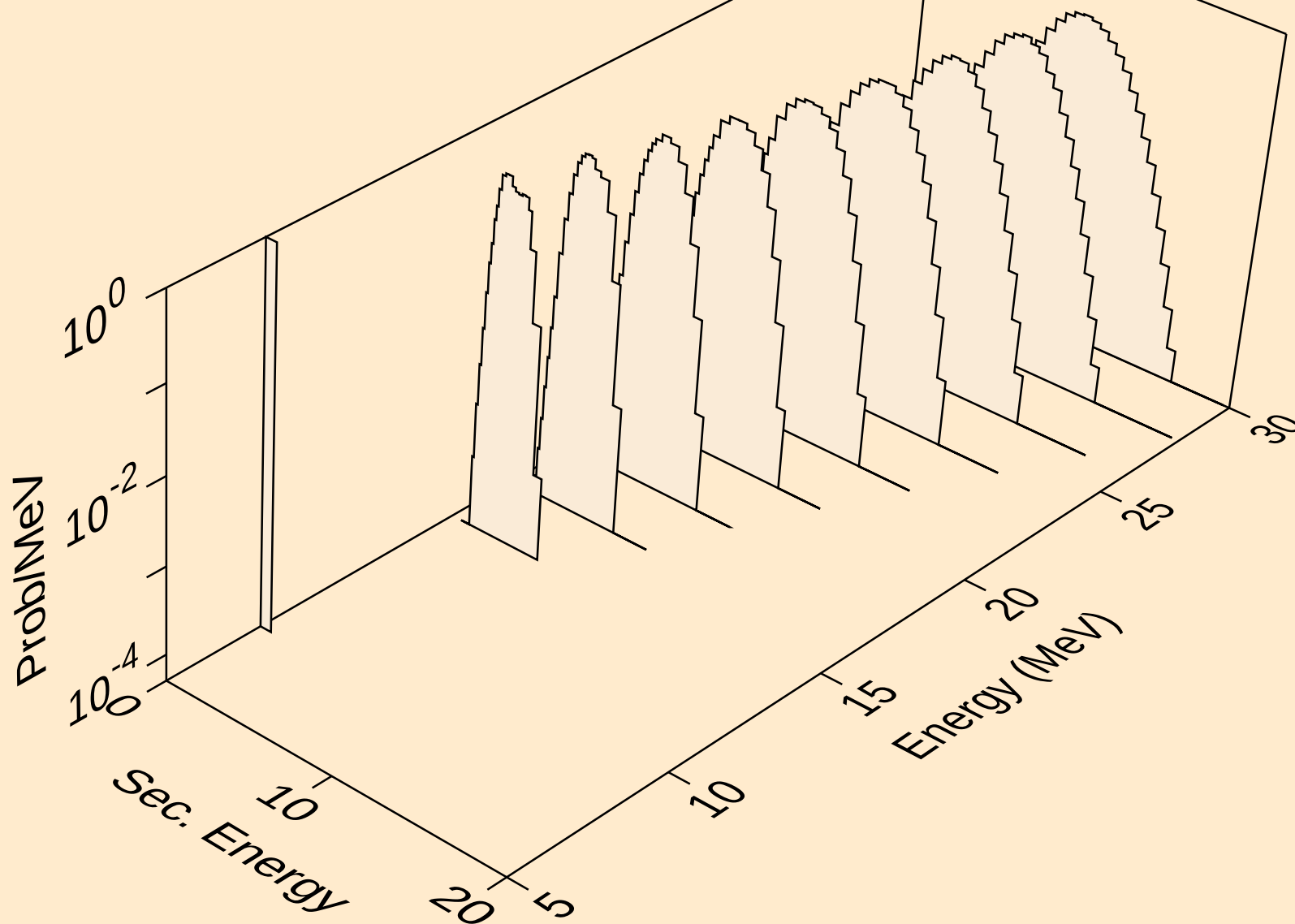
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protons from (s,2np)



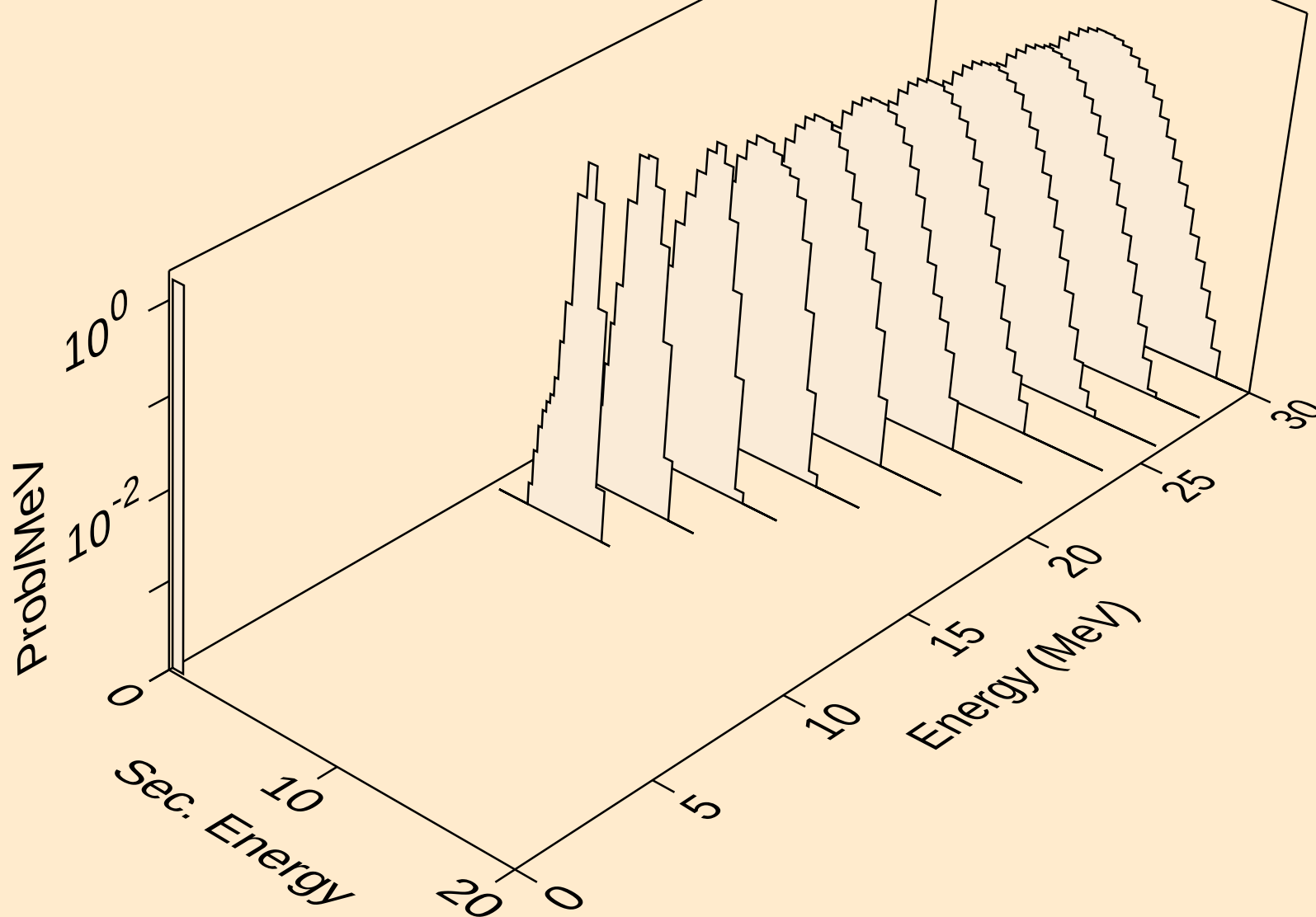
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protons from (s,3np)



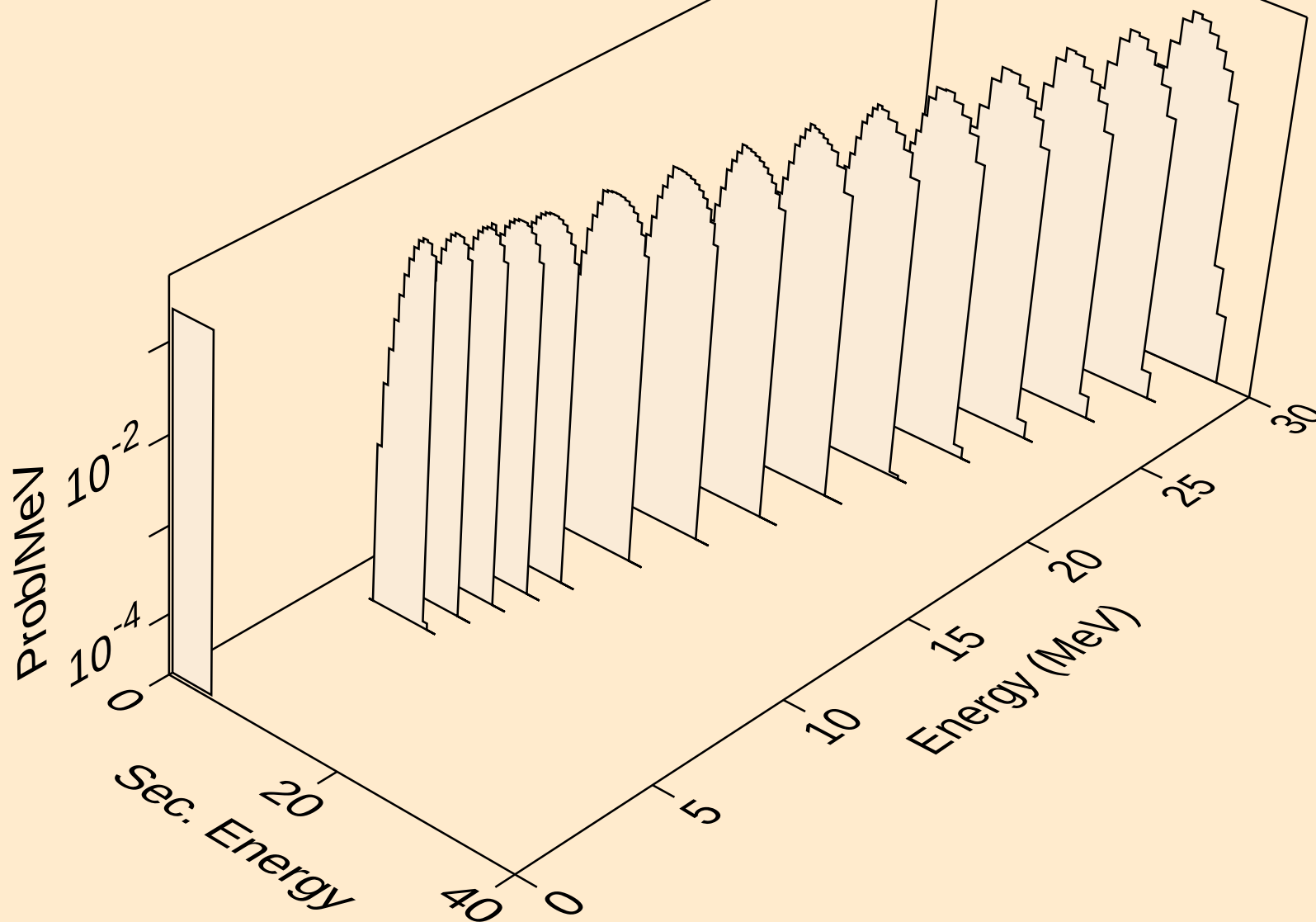
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protons from (s,n2p)



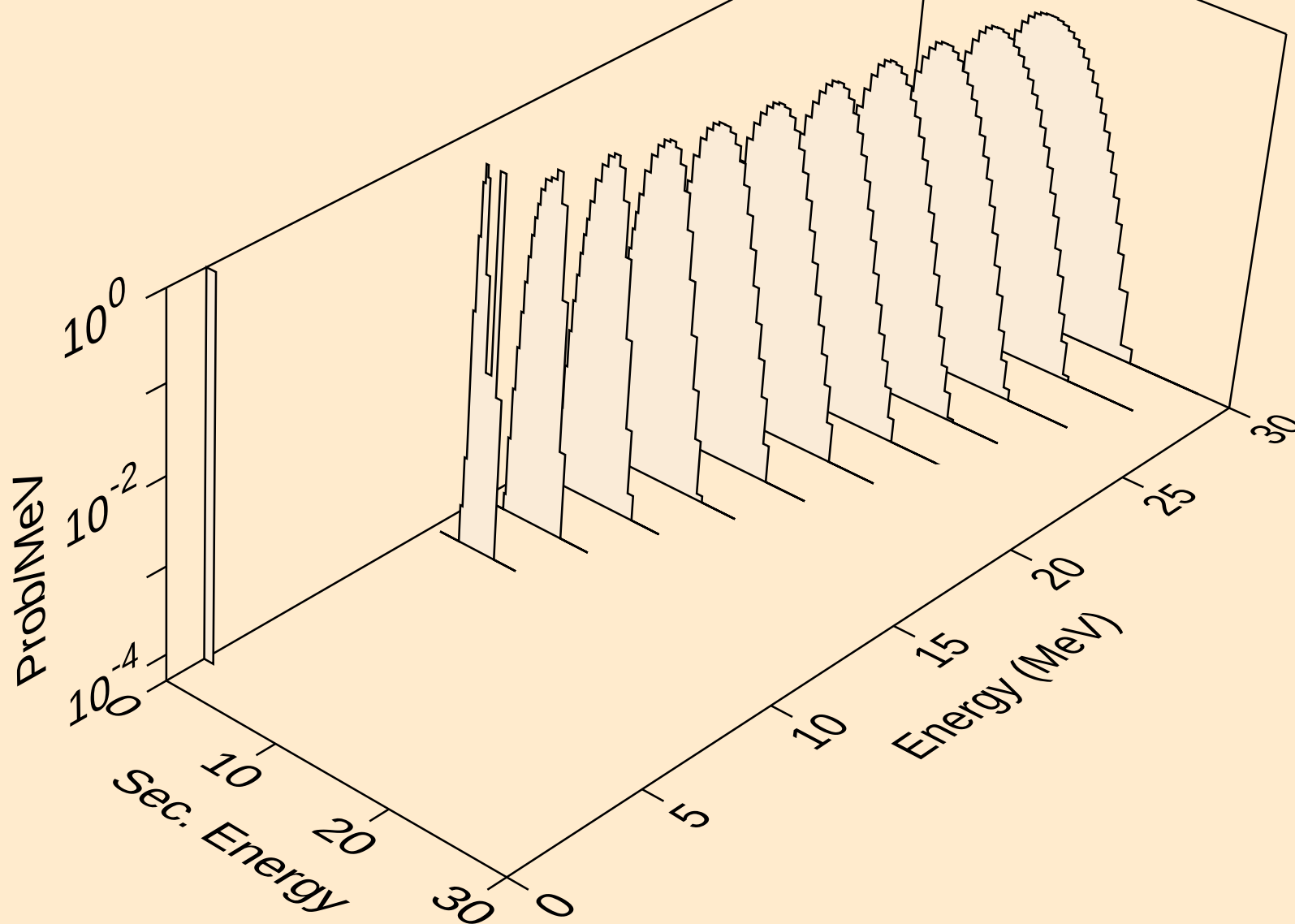
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protons from (s,npa)



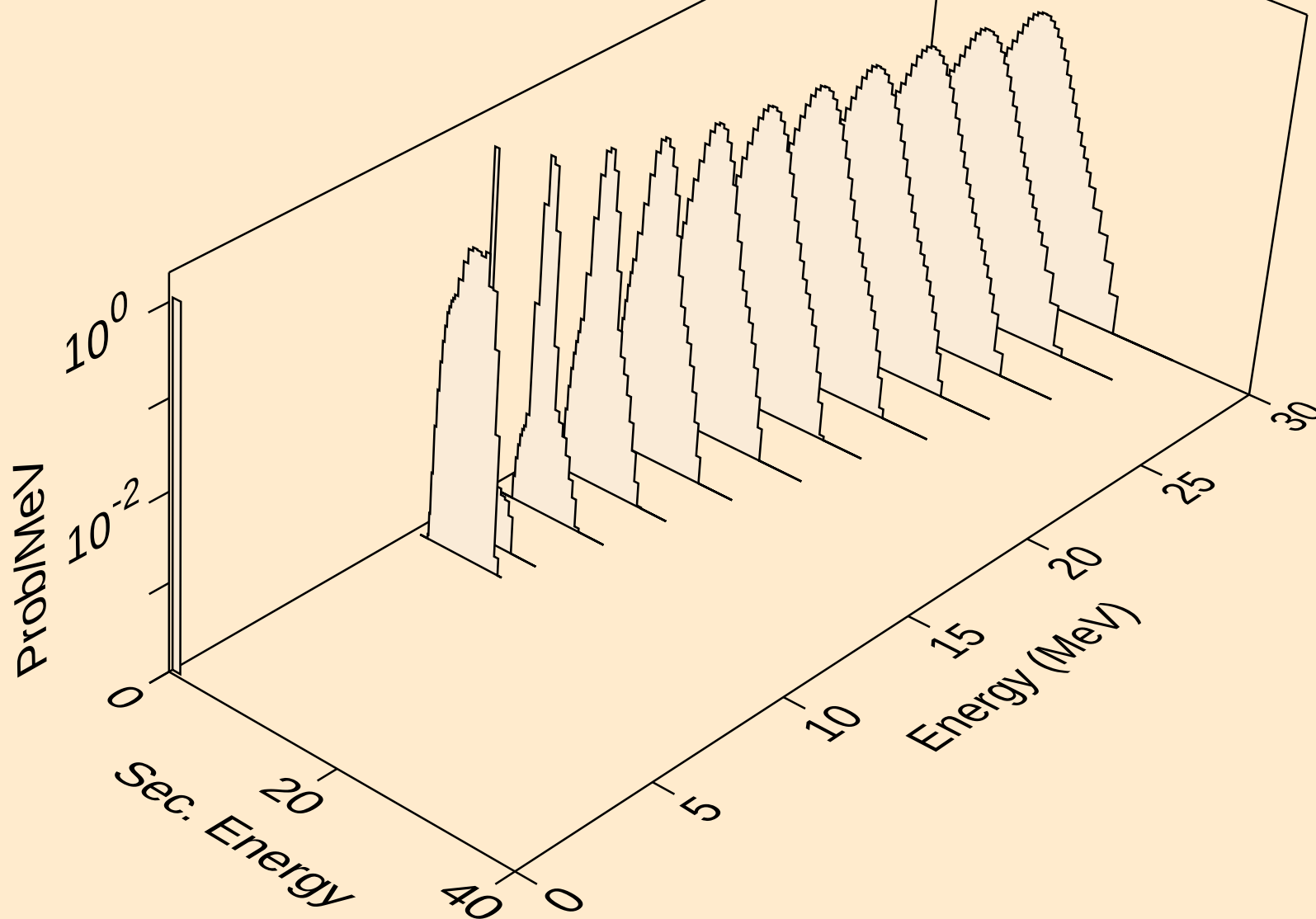
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,p)



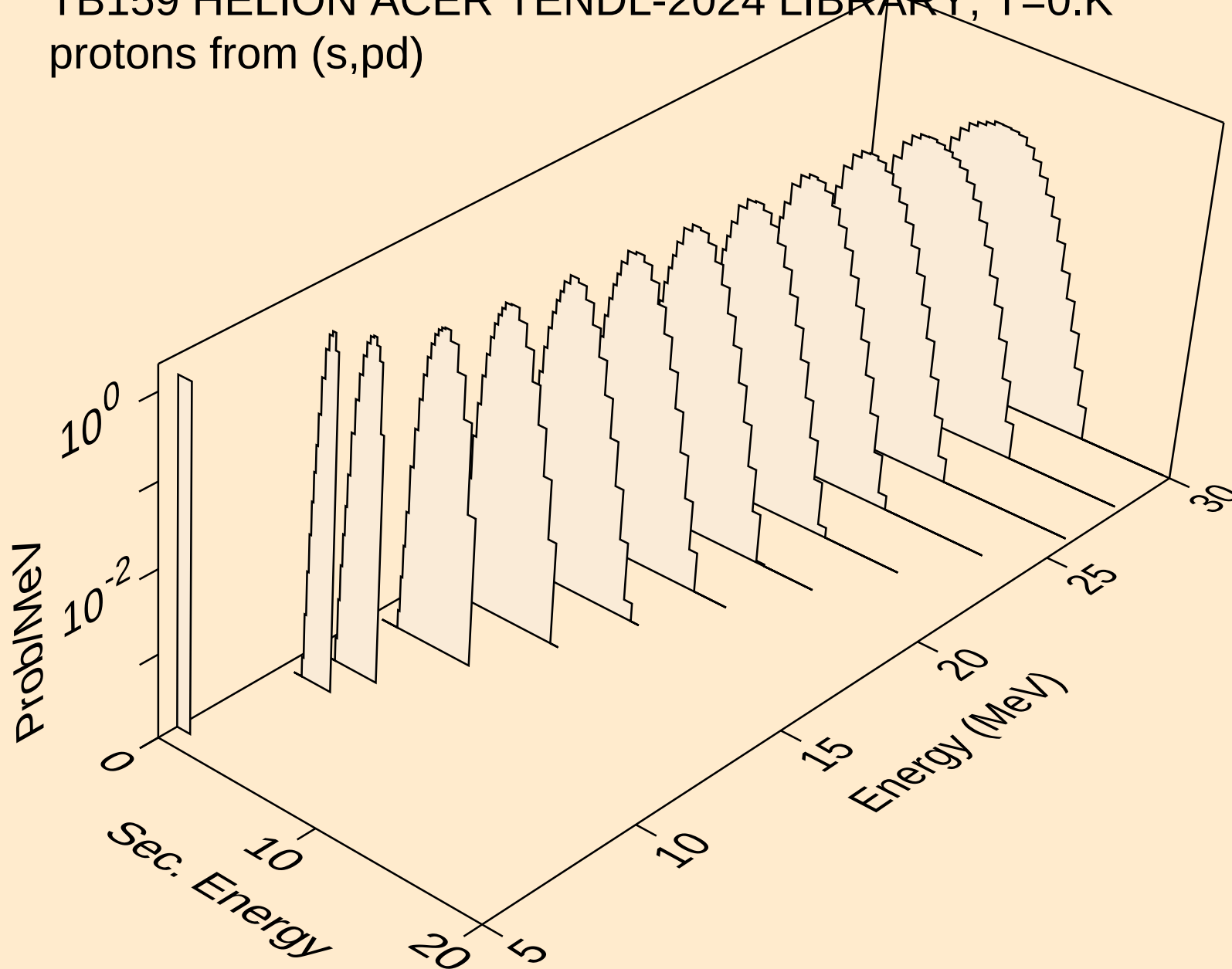
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protons from (s,2p)



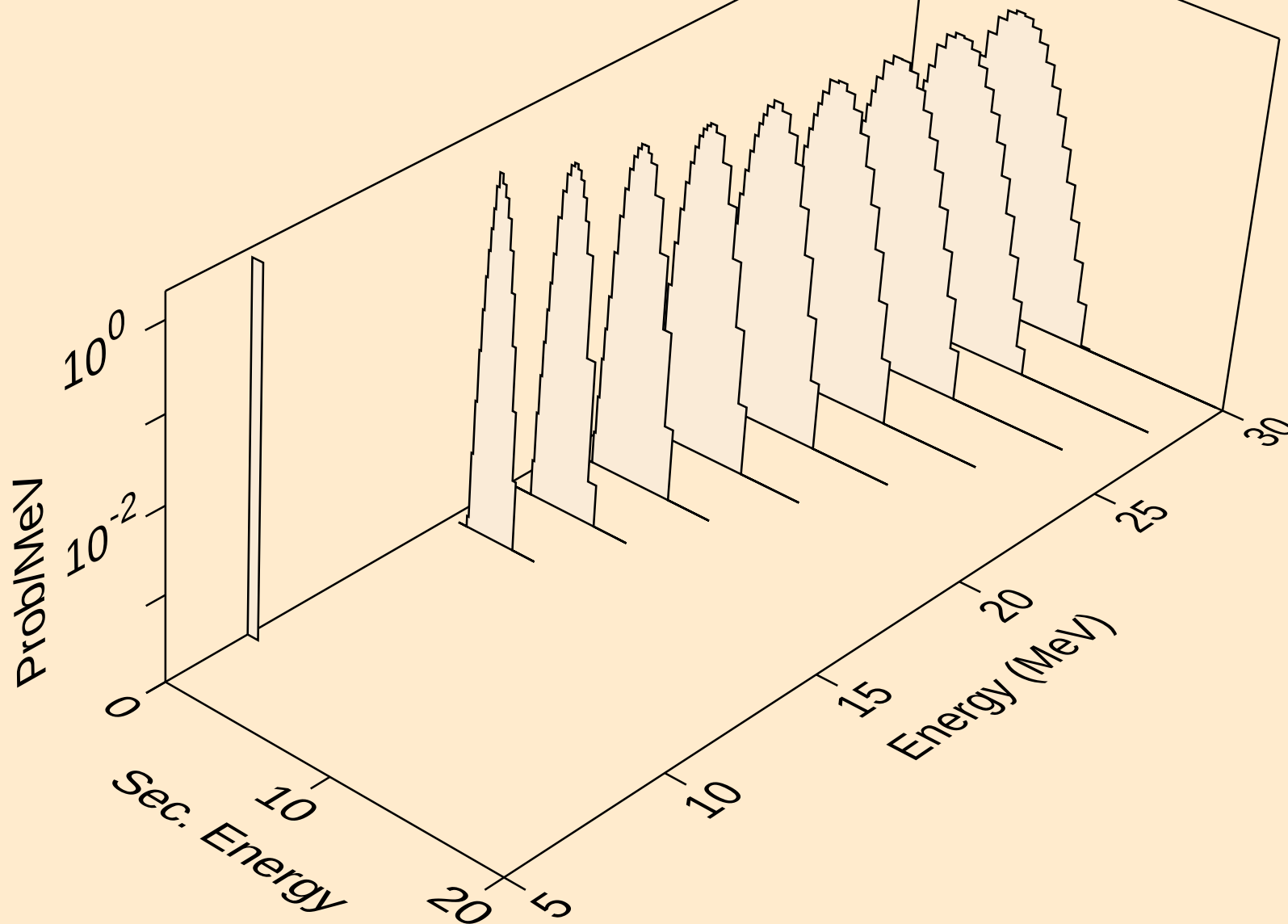
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protons from (s,pa)



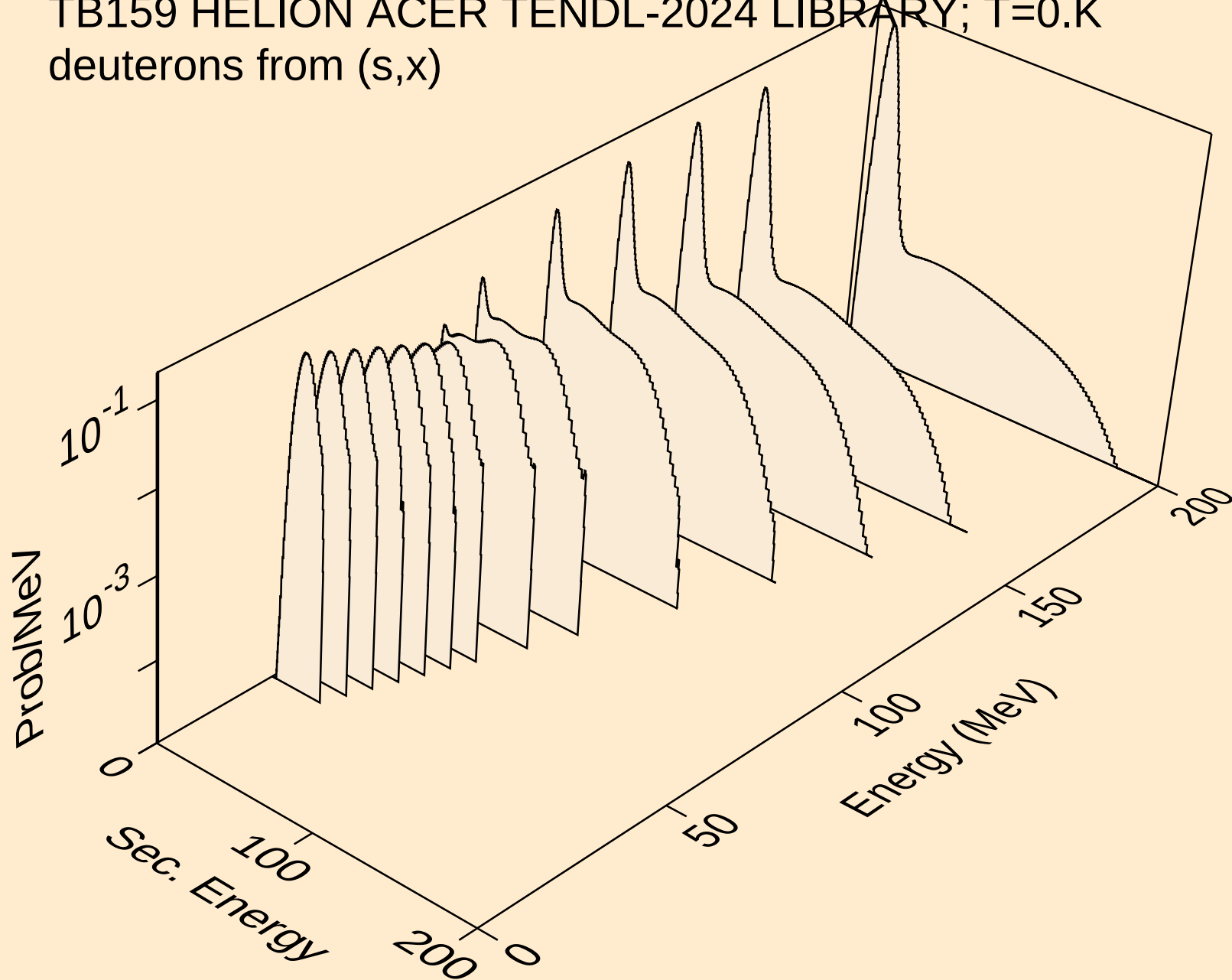
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protons from (s,pd)



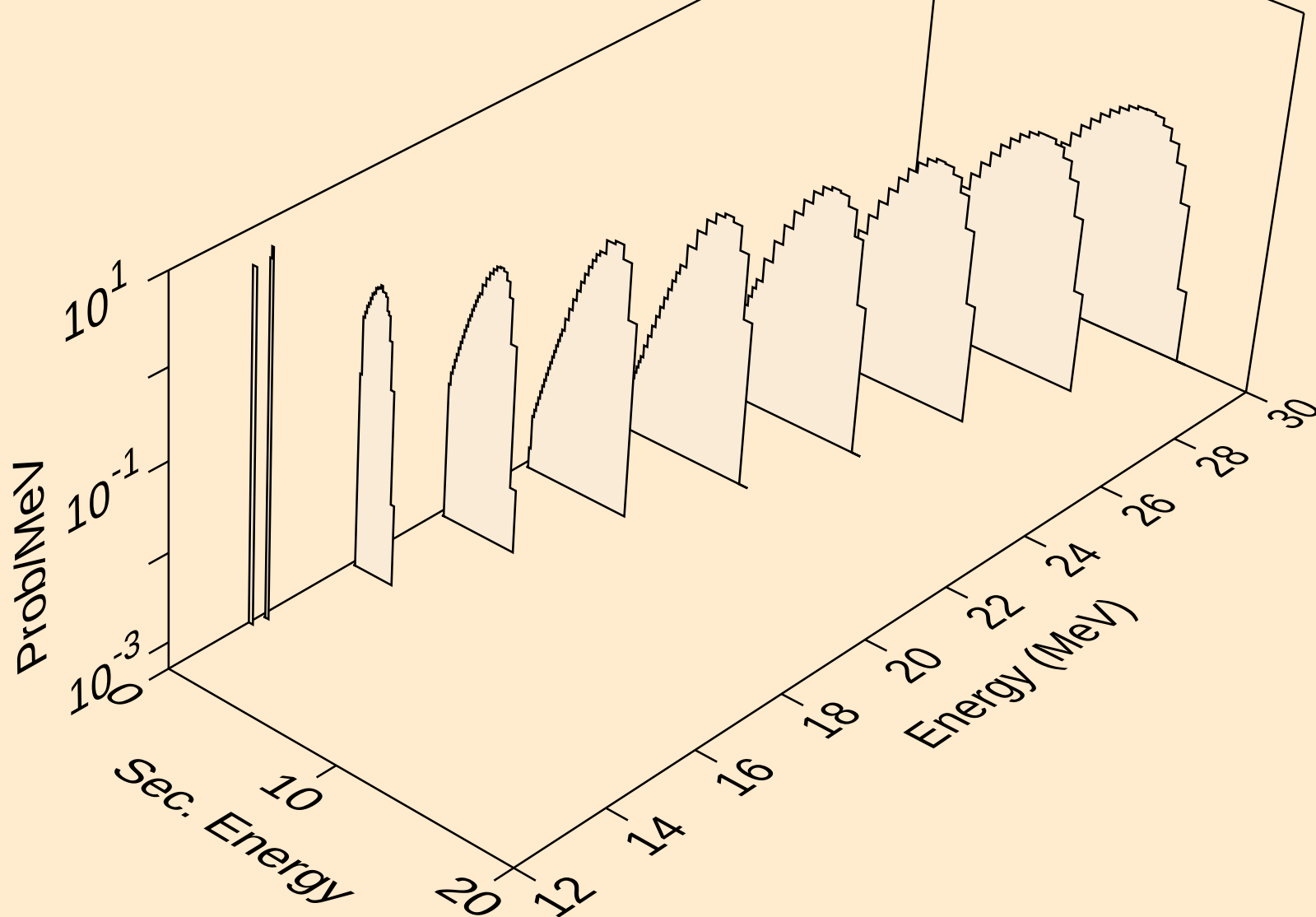
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protons from (s,pt)



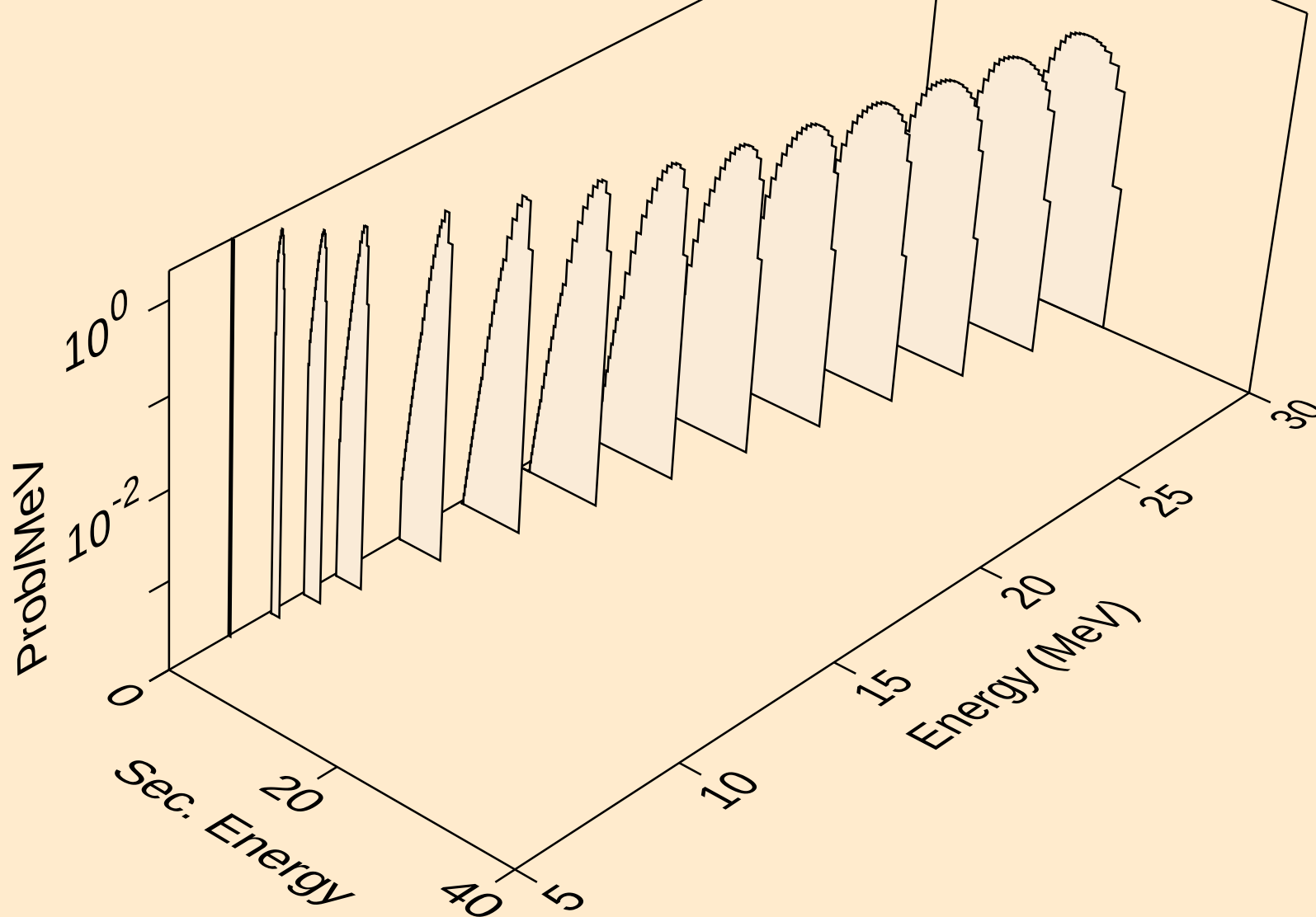
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deuterons from (s,x)



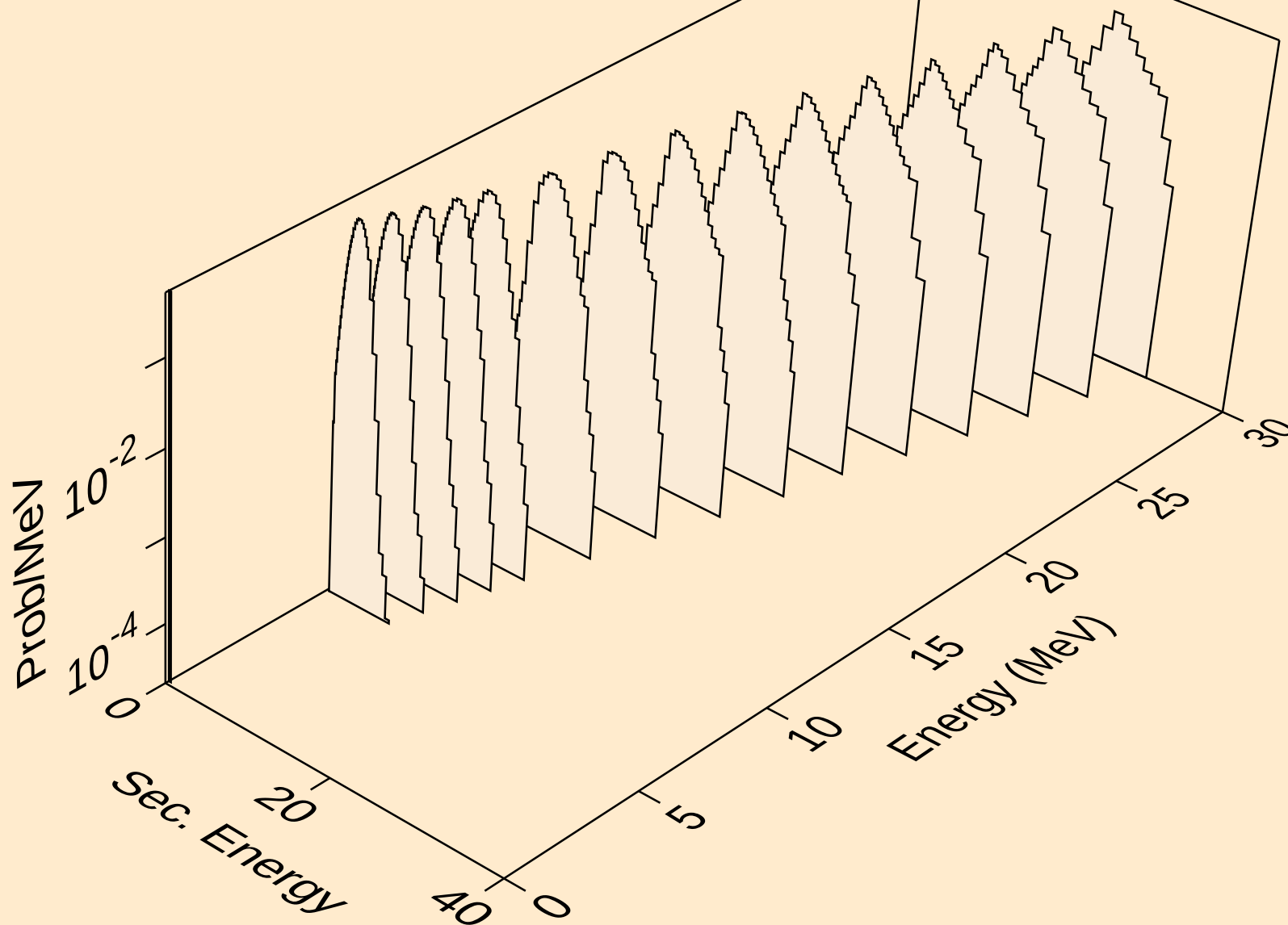
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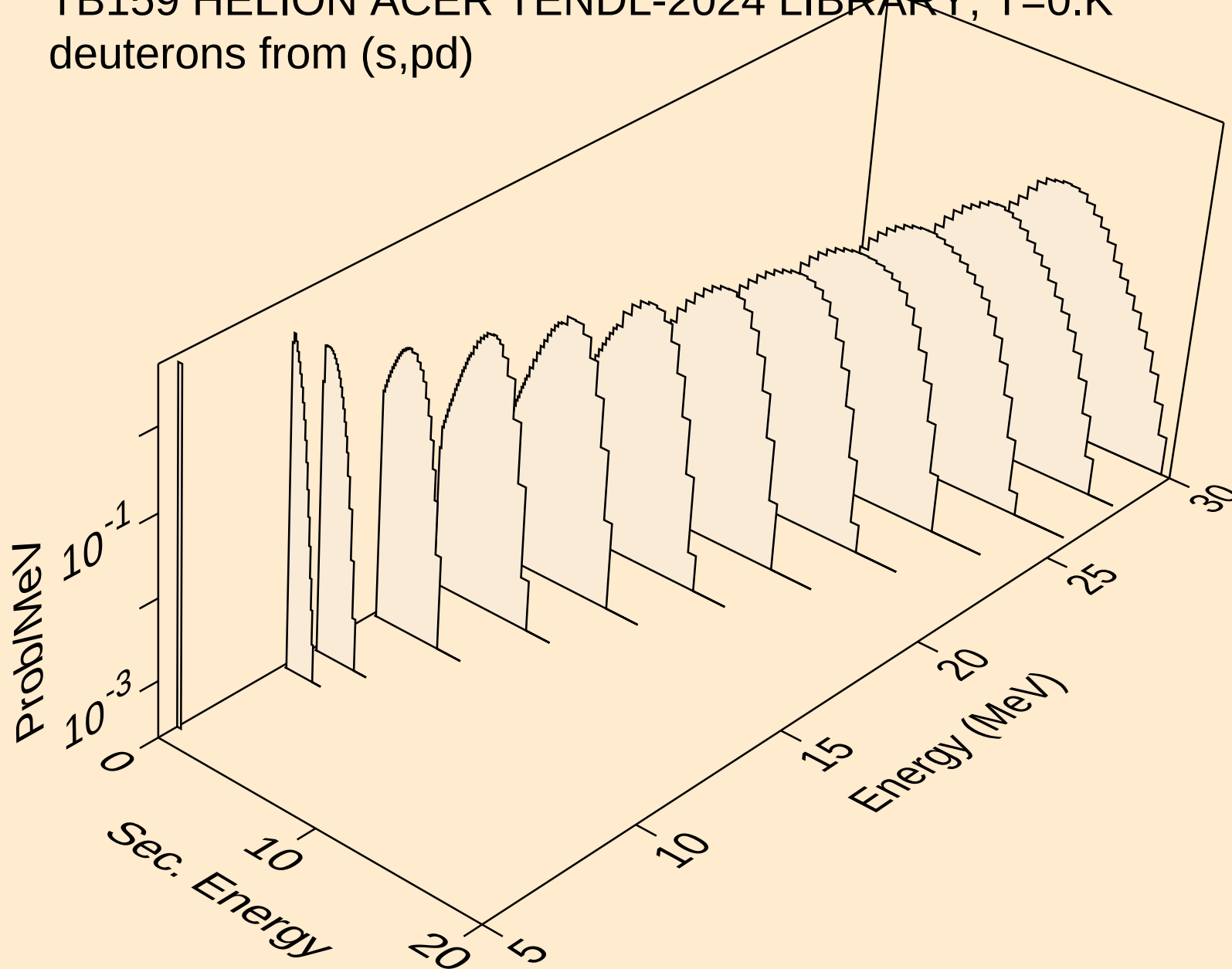
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deuterons from (s,n*)d



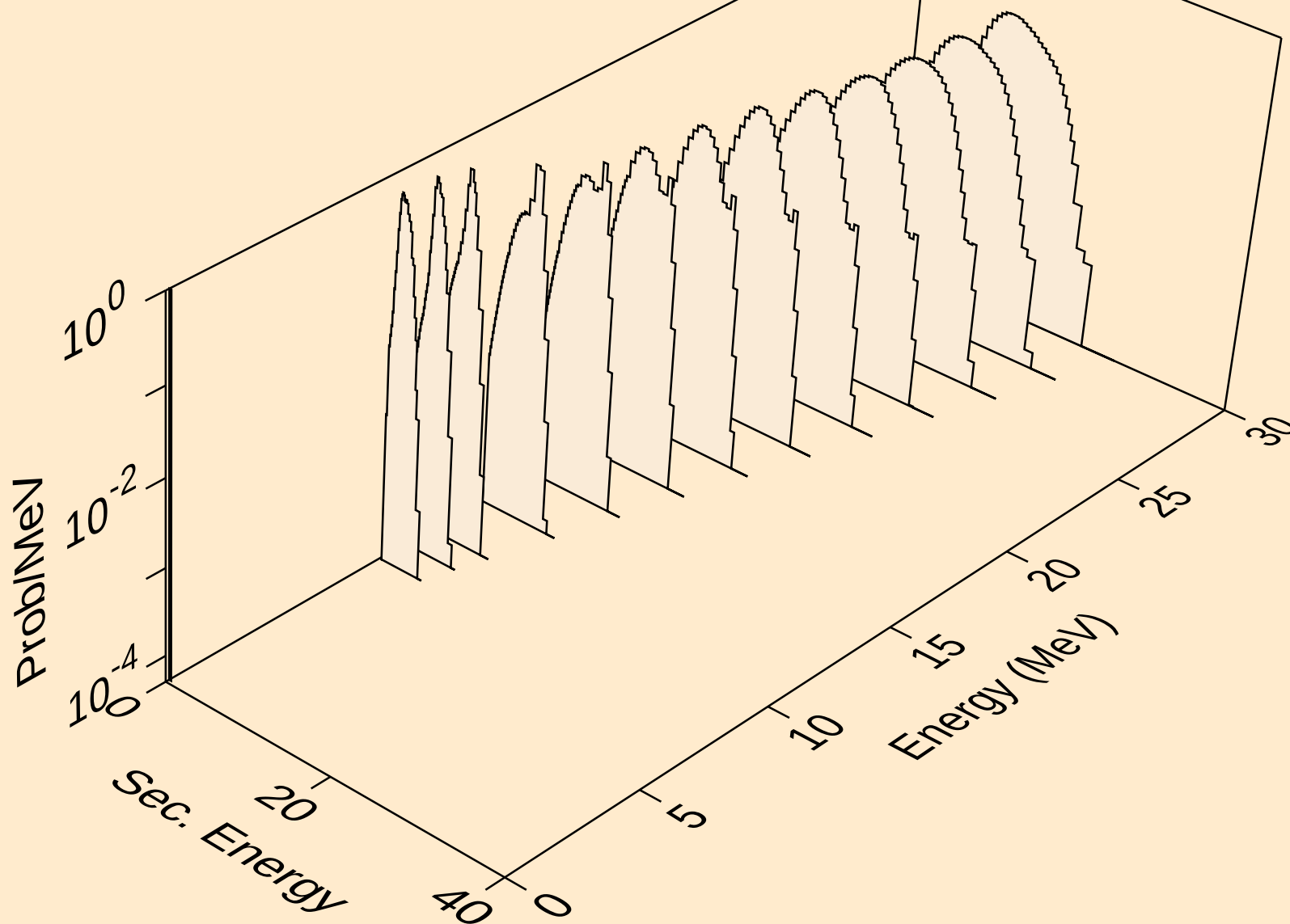
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deuterons from (s,d)



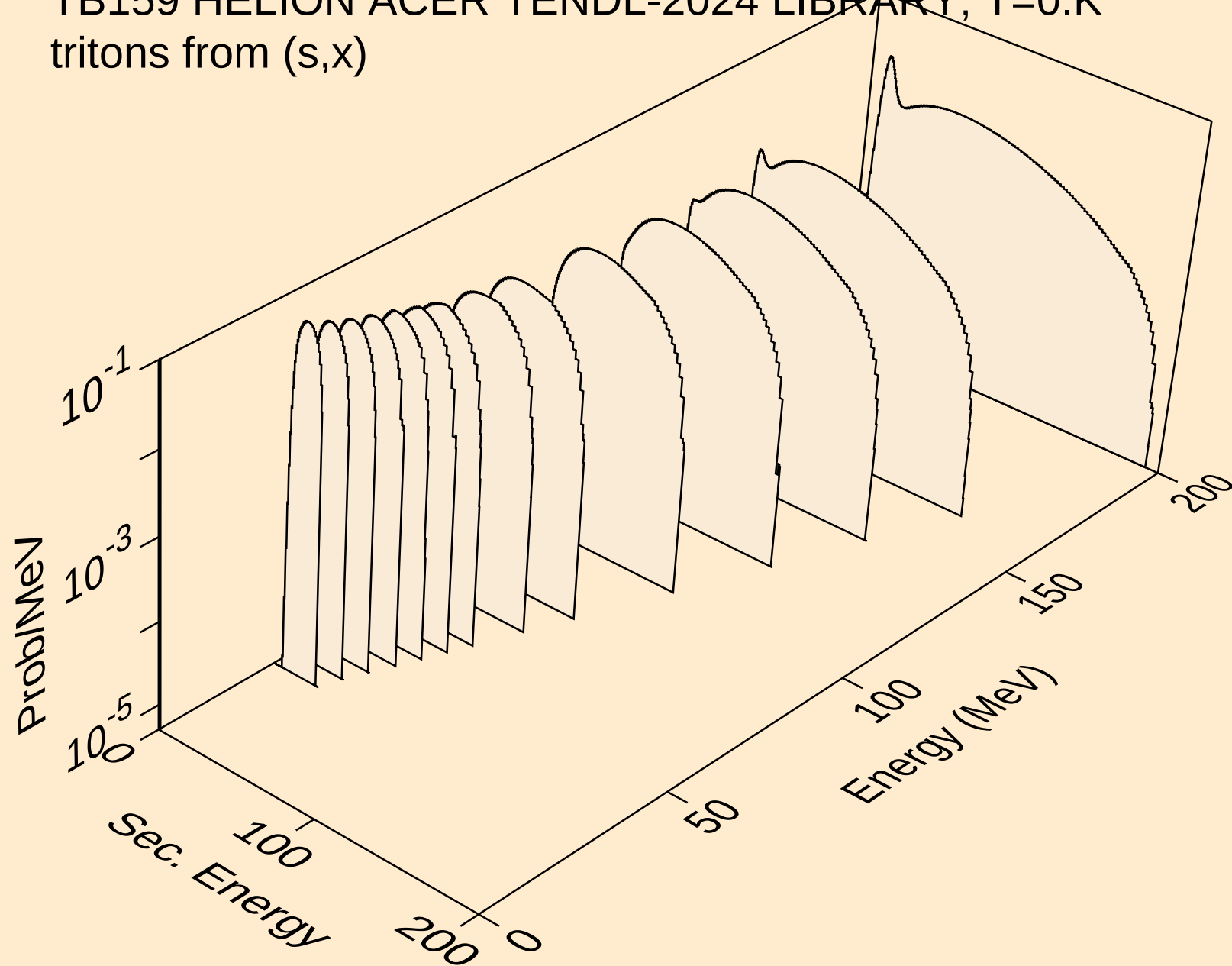
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deuterons from (s,pd)



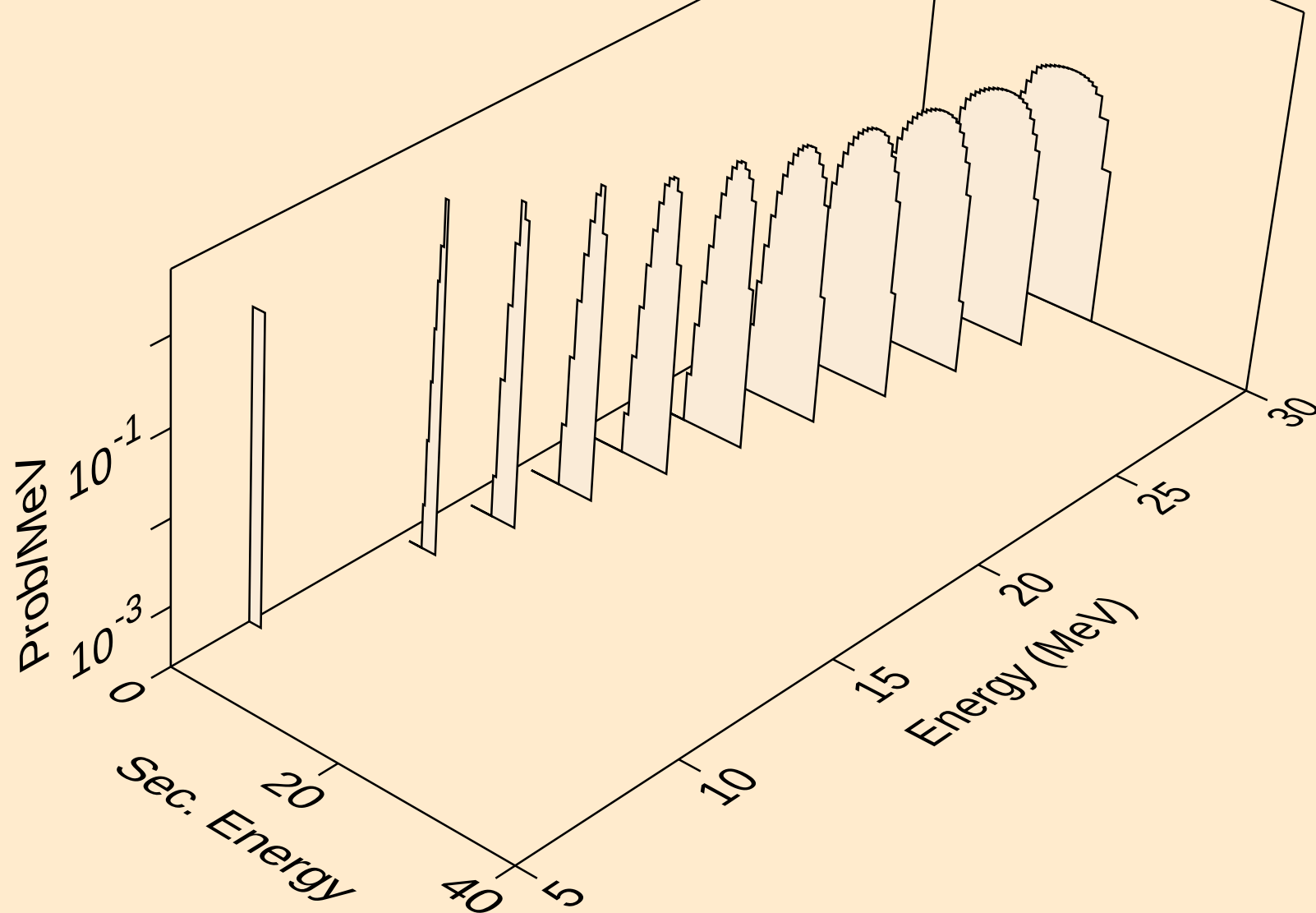
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deuterons from (s,da)



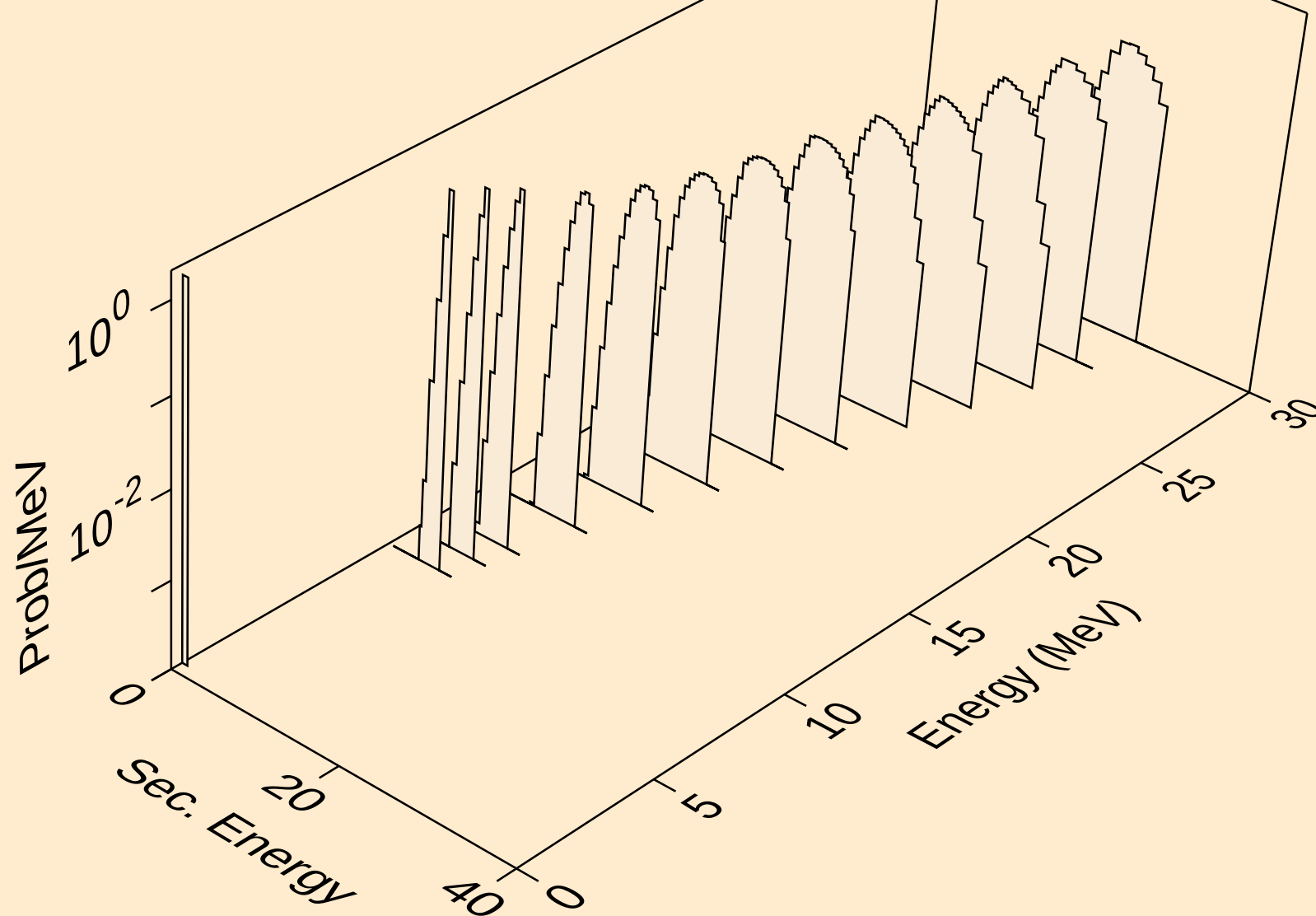
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tritons from (s,x)



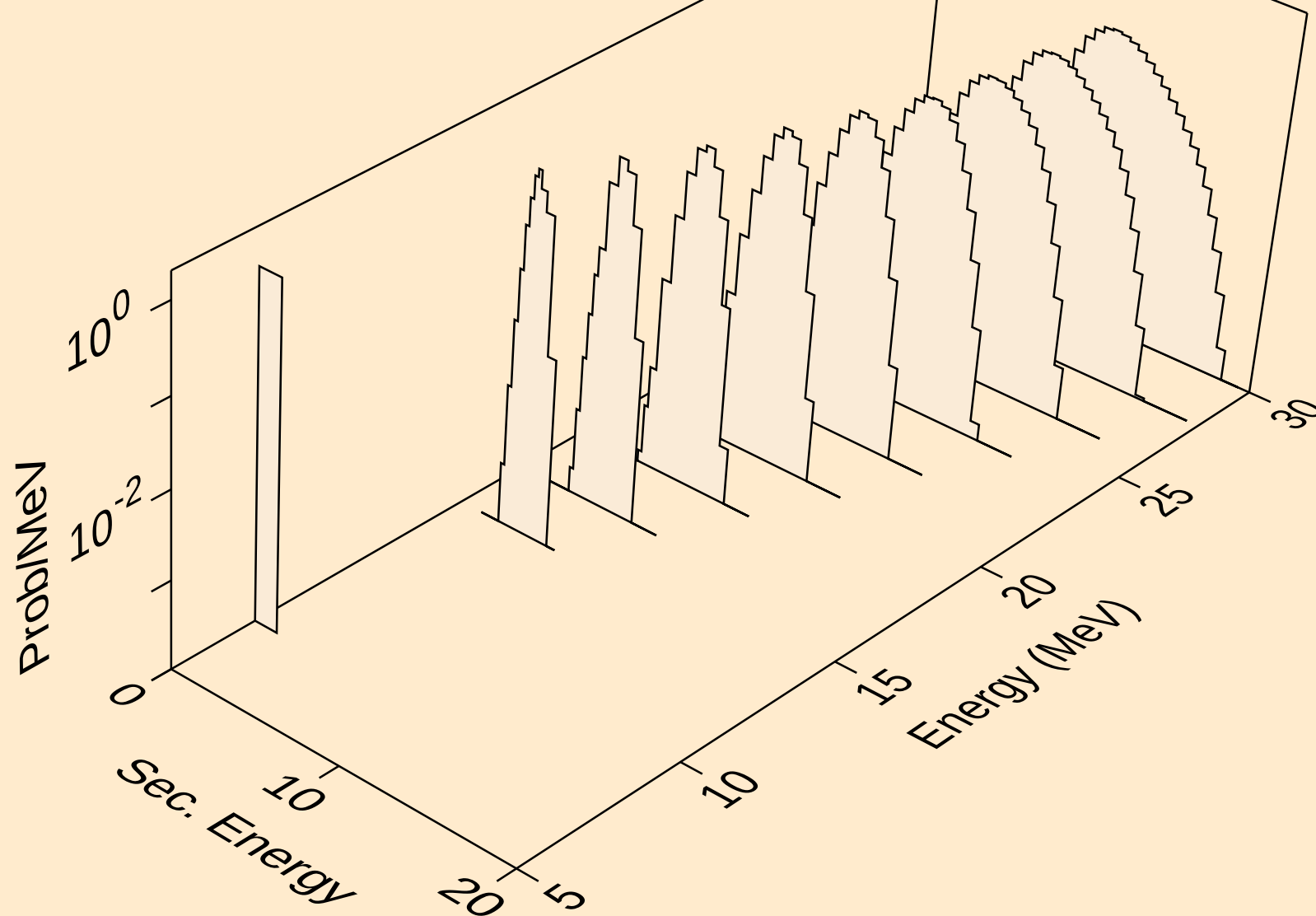
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tritons from (s,n*)t



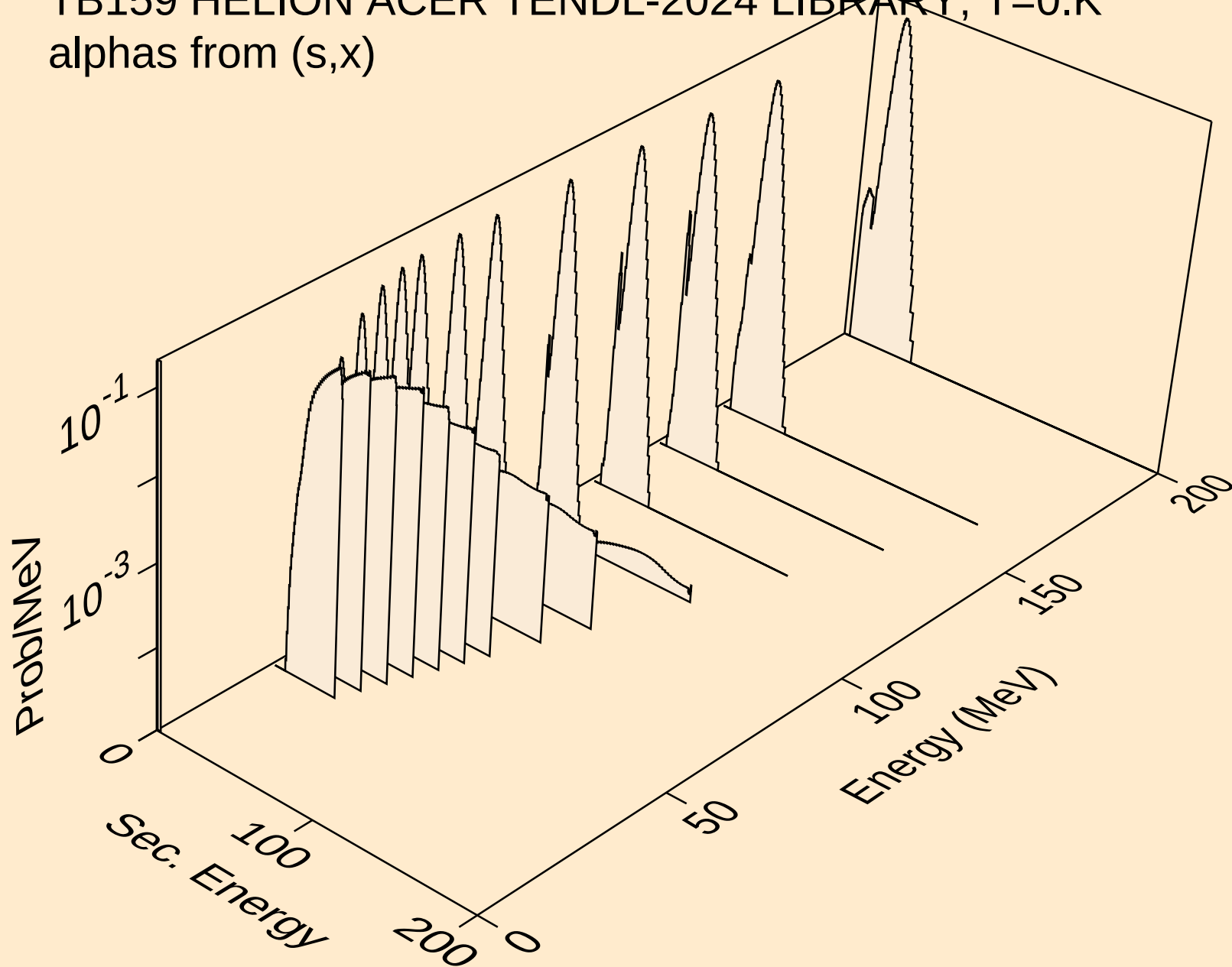
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tritons from (s,t)



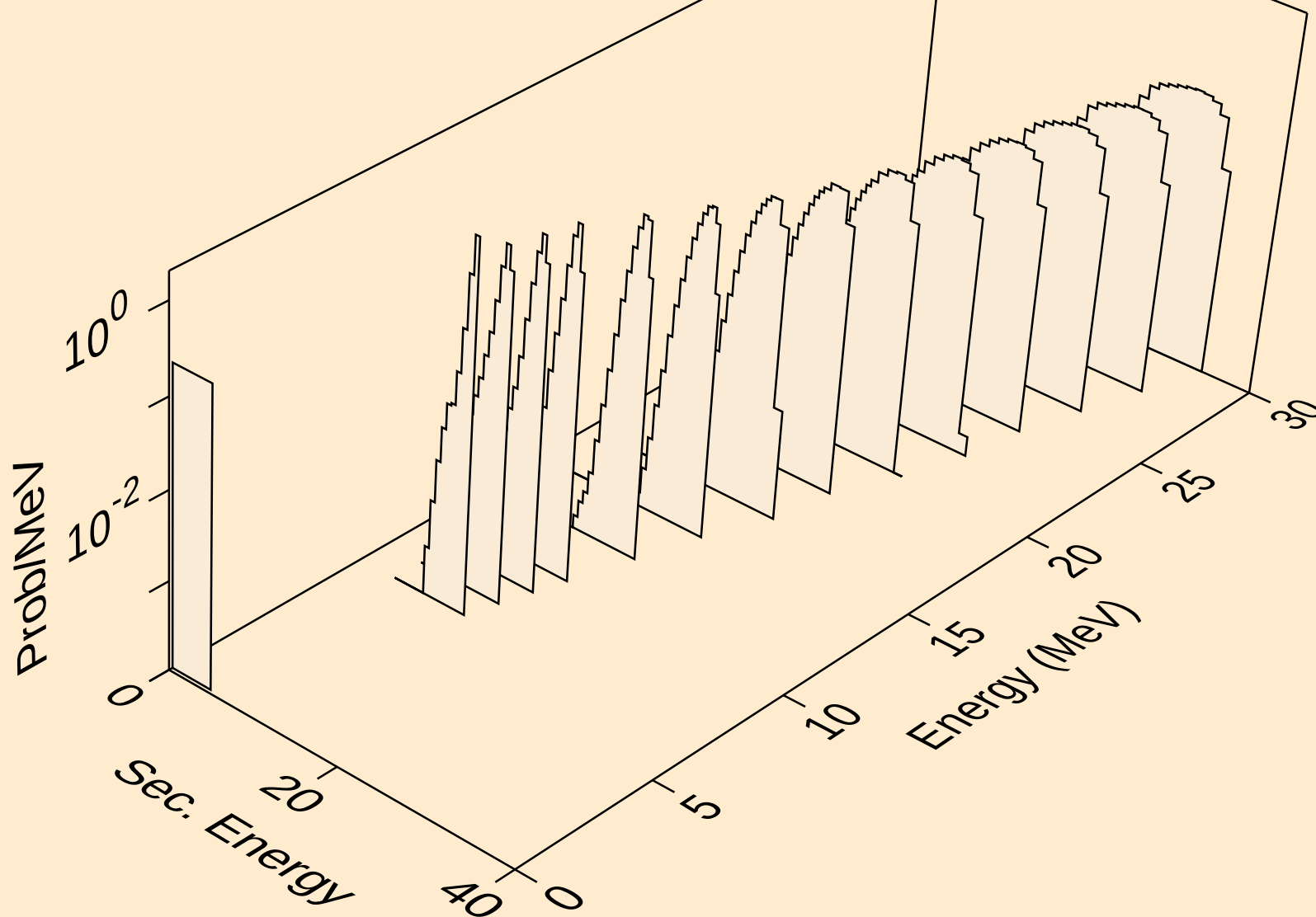
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tritons from (s,pt)



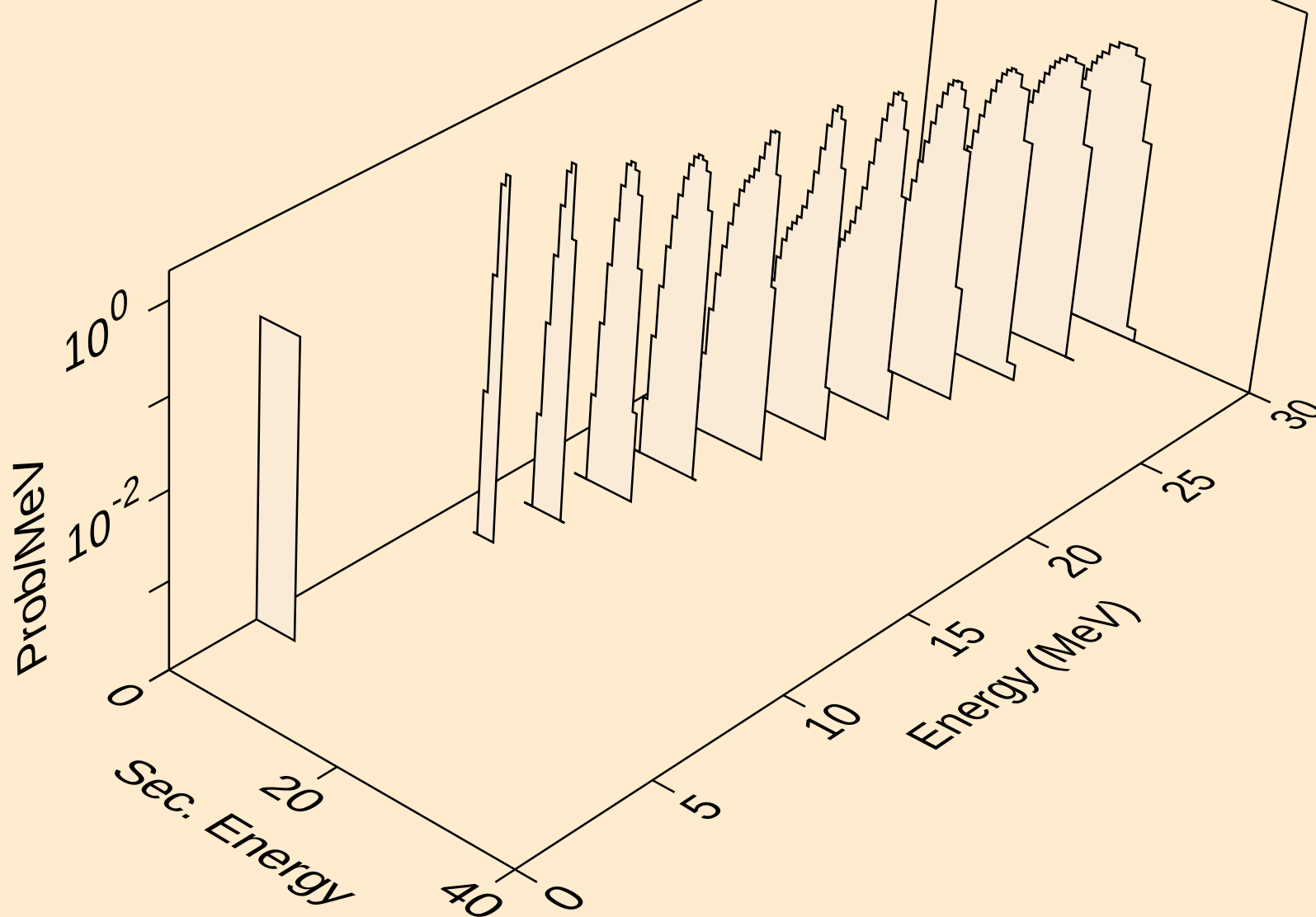
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,x)



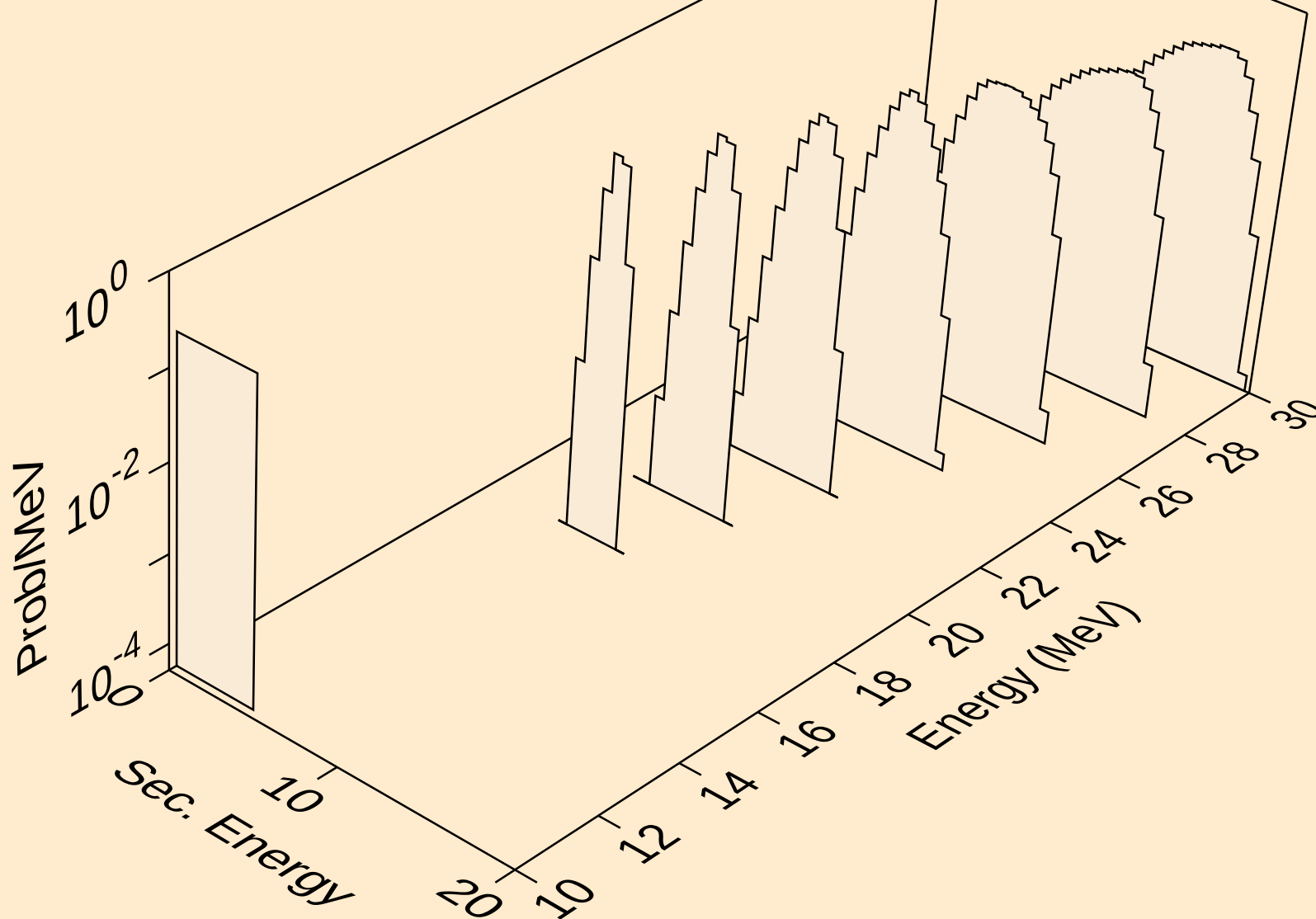
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,n*)a



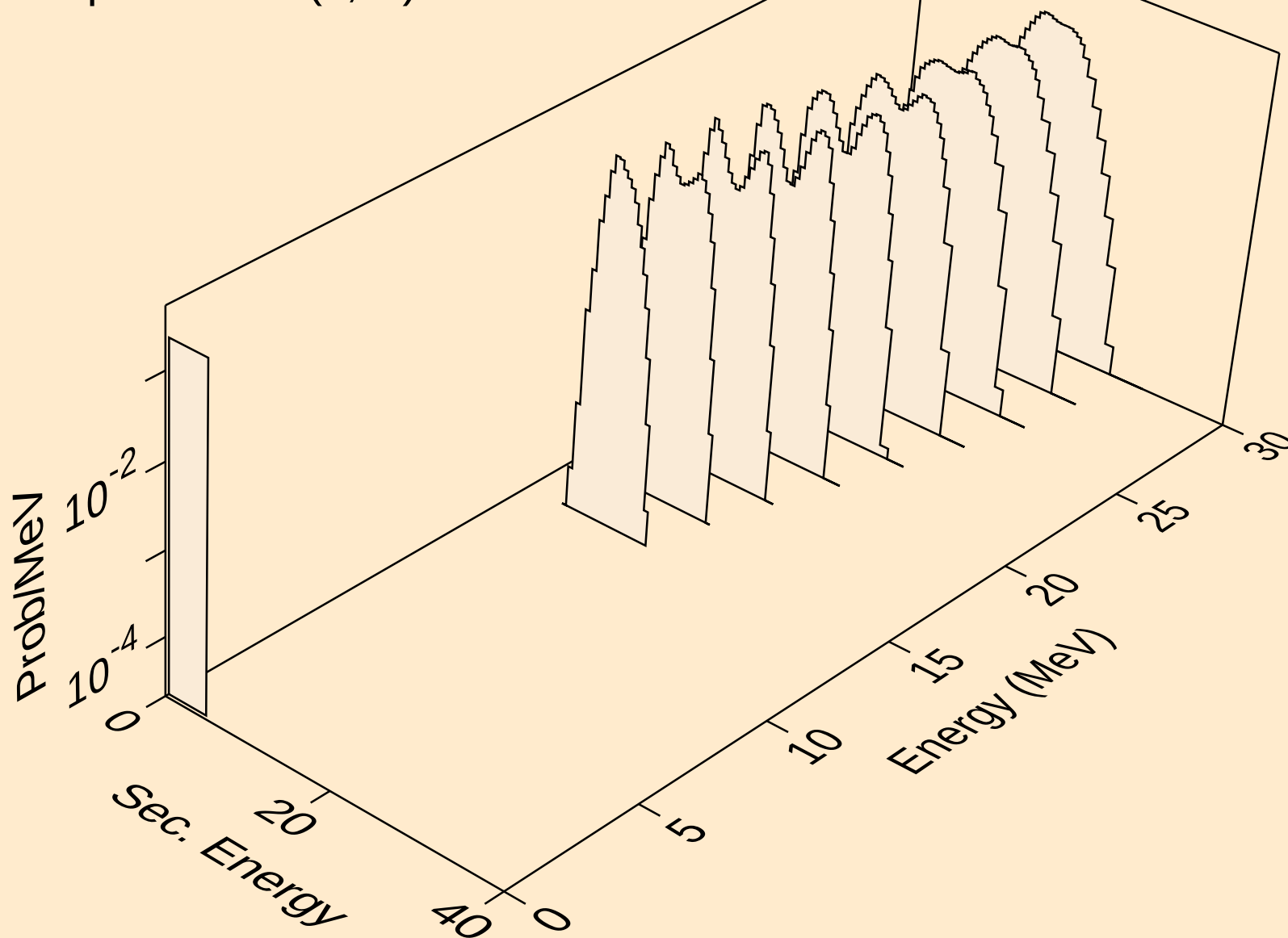
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alphas from (s,2n)a



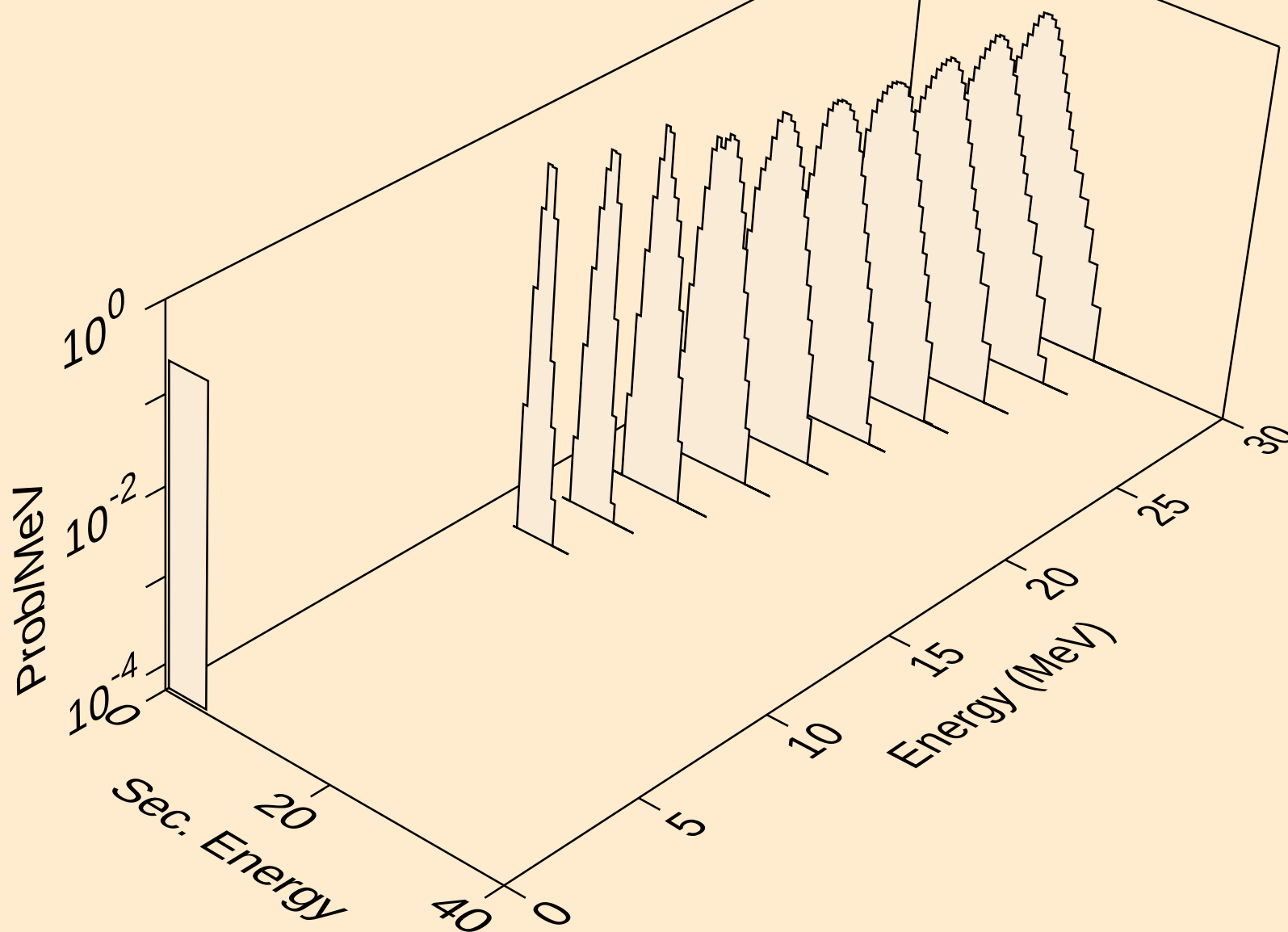
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alphas from (s,3n)a



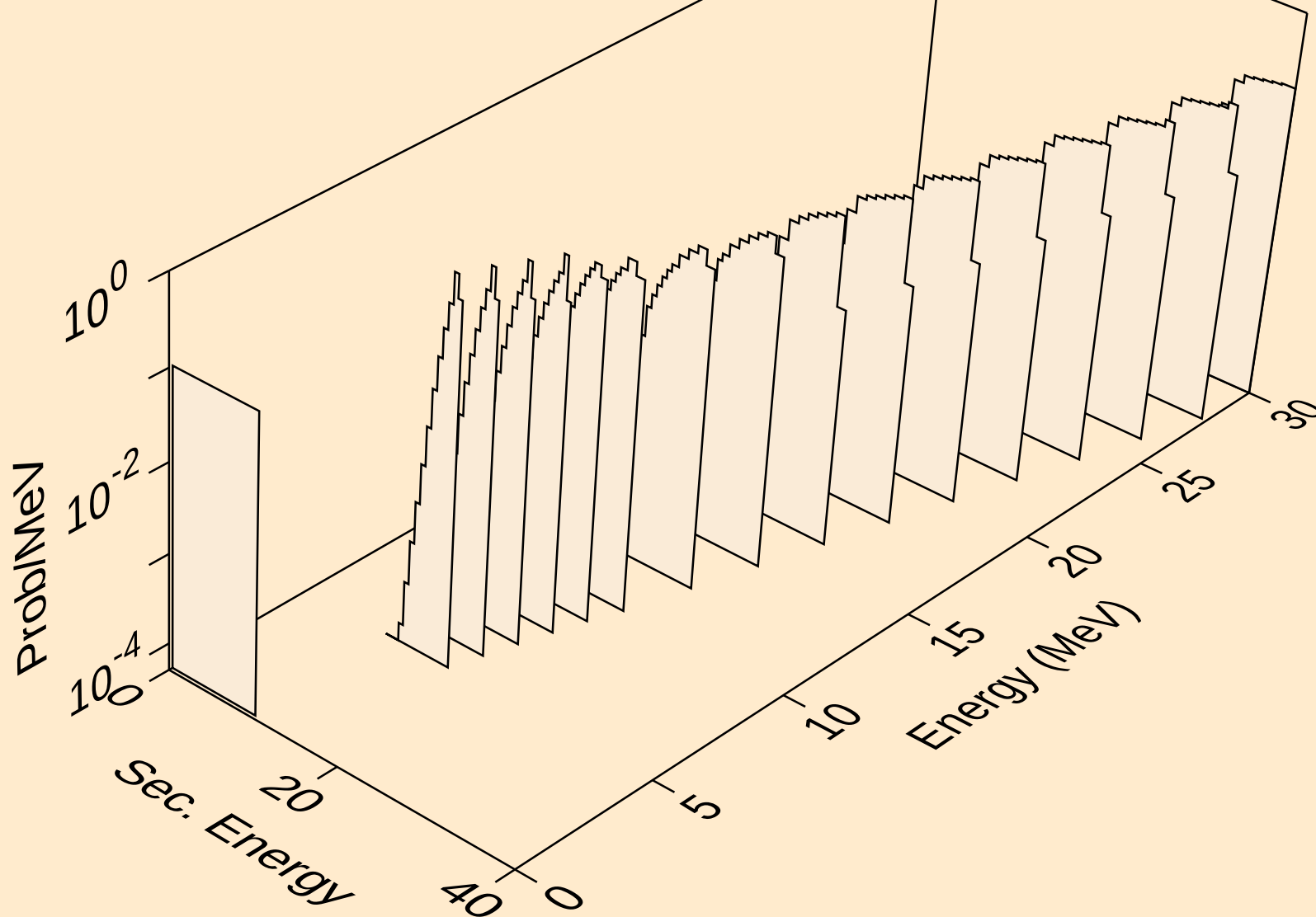
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,n*)2a



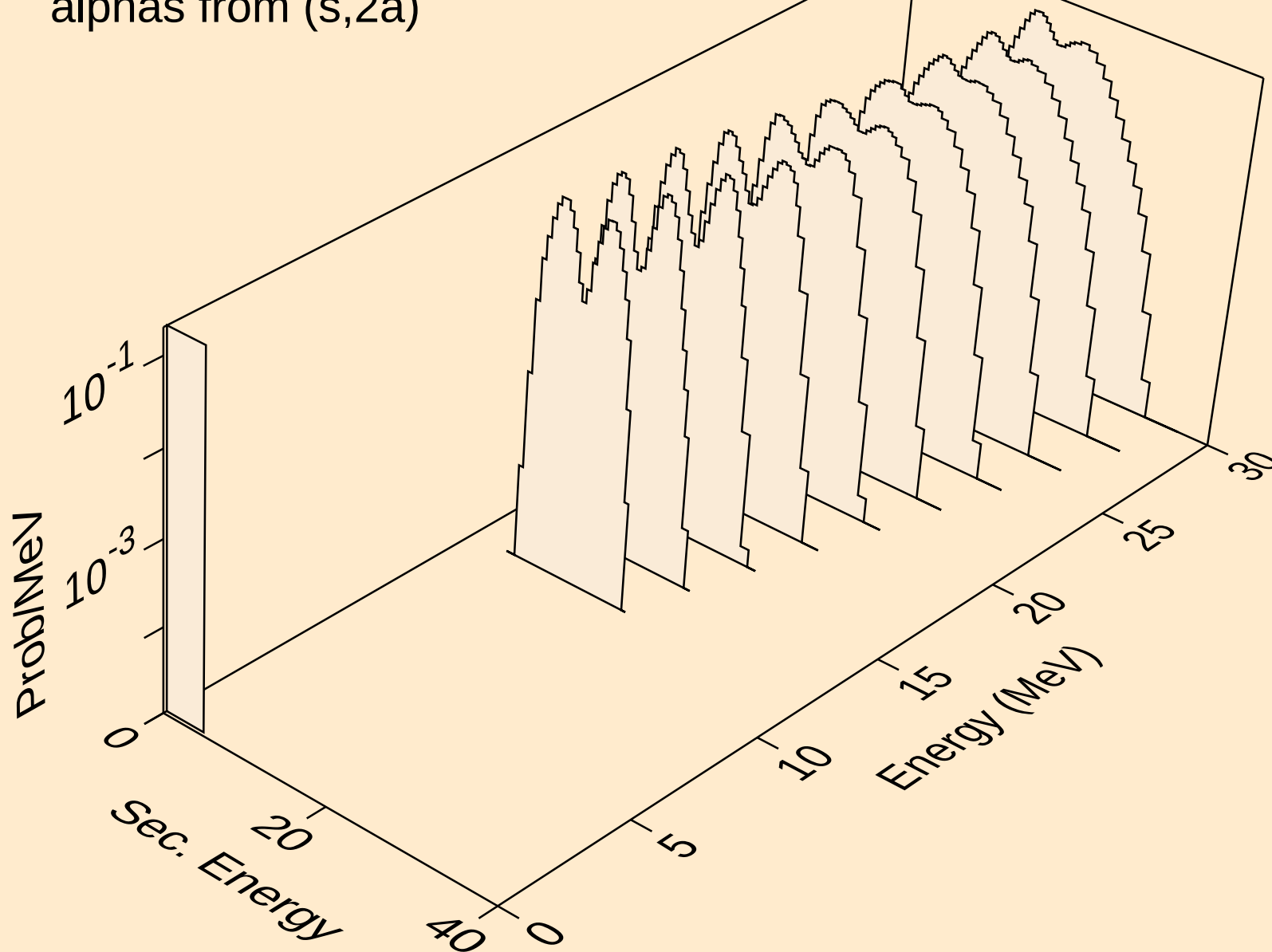
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,npa)



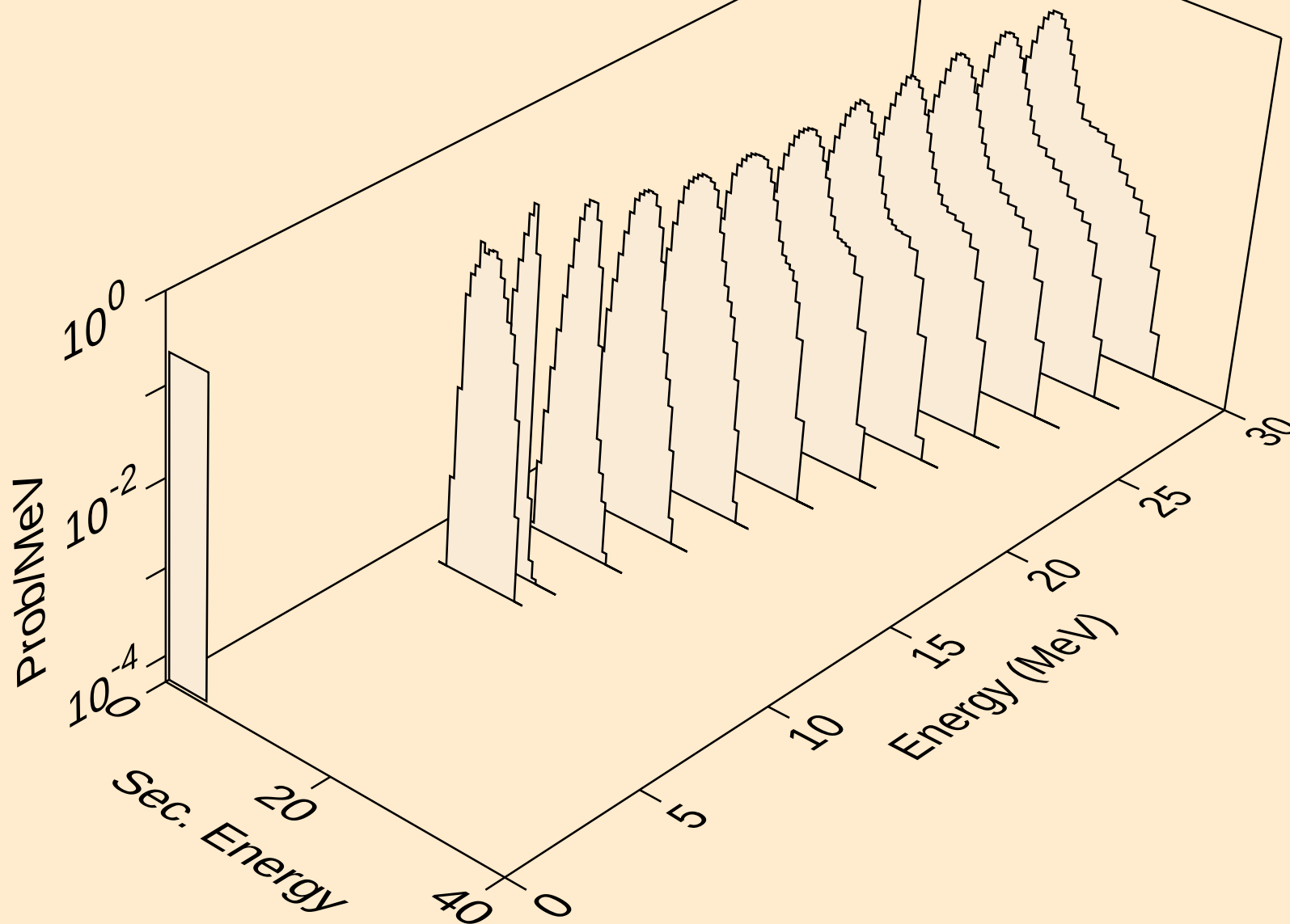
TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,a)



TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,2a)



TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,pa)



TB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,da)

