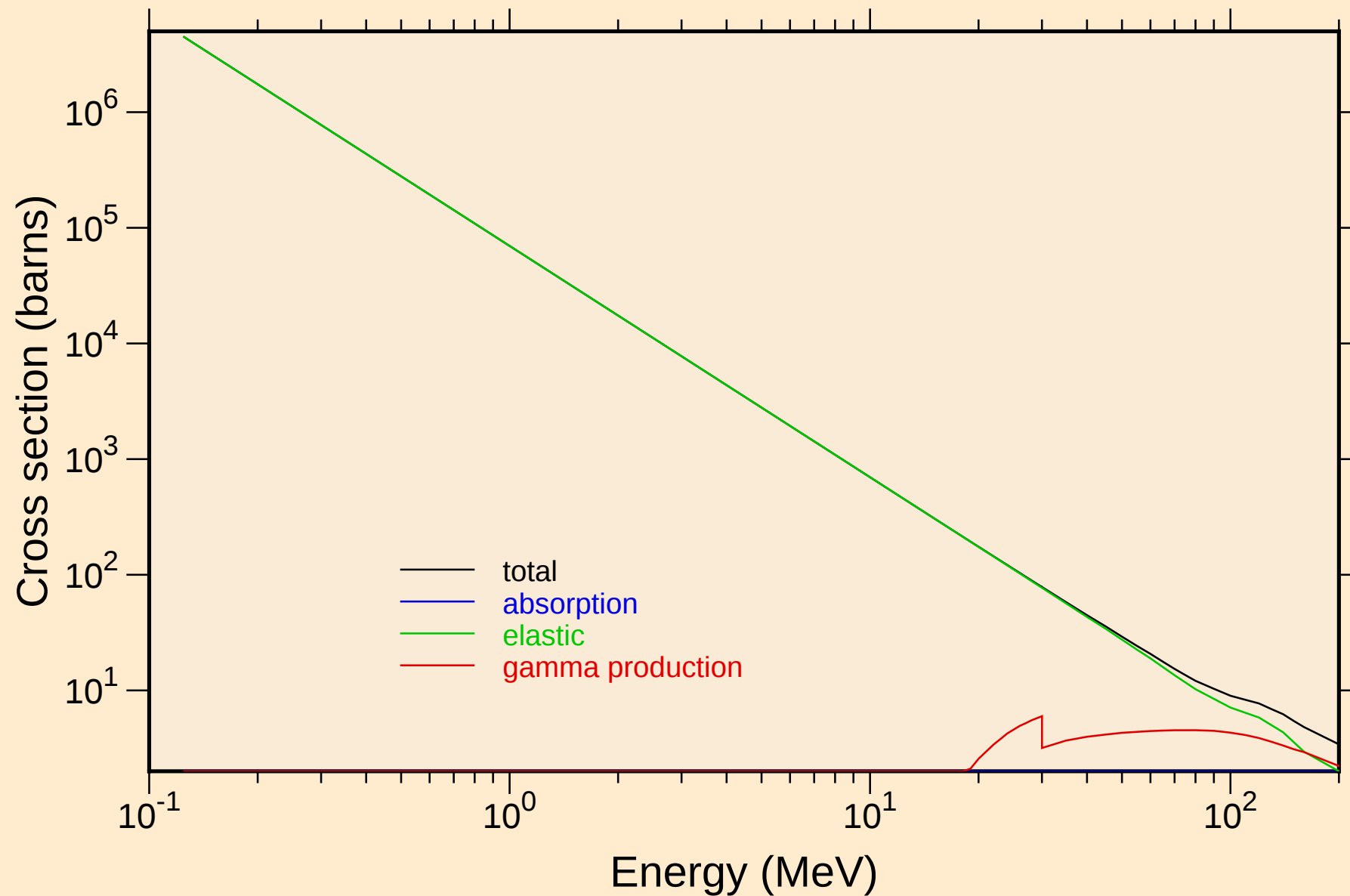


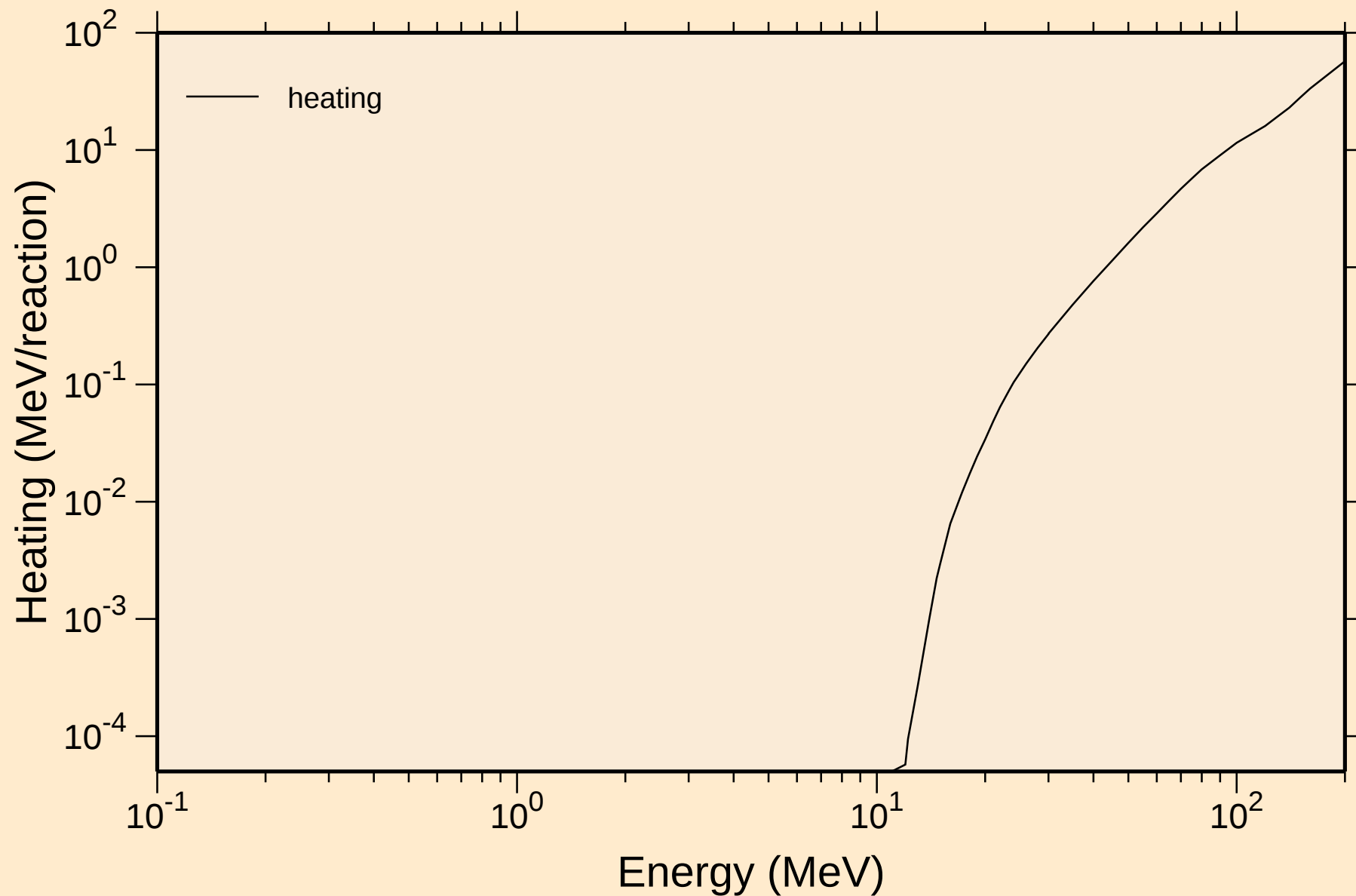
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



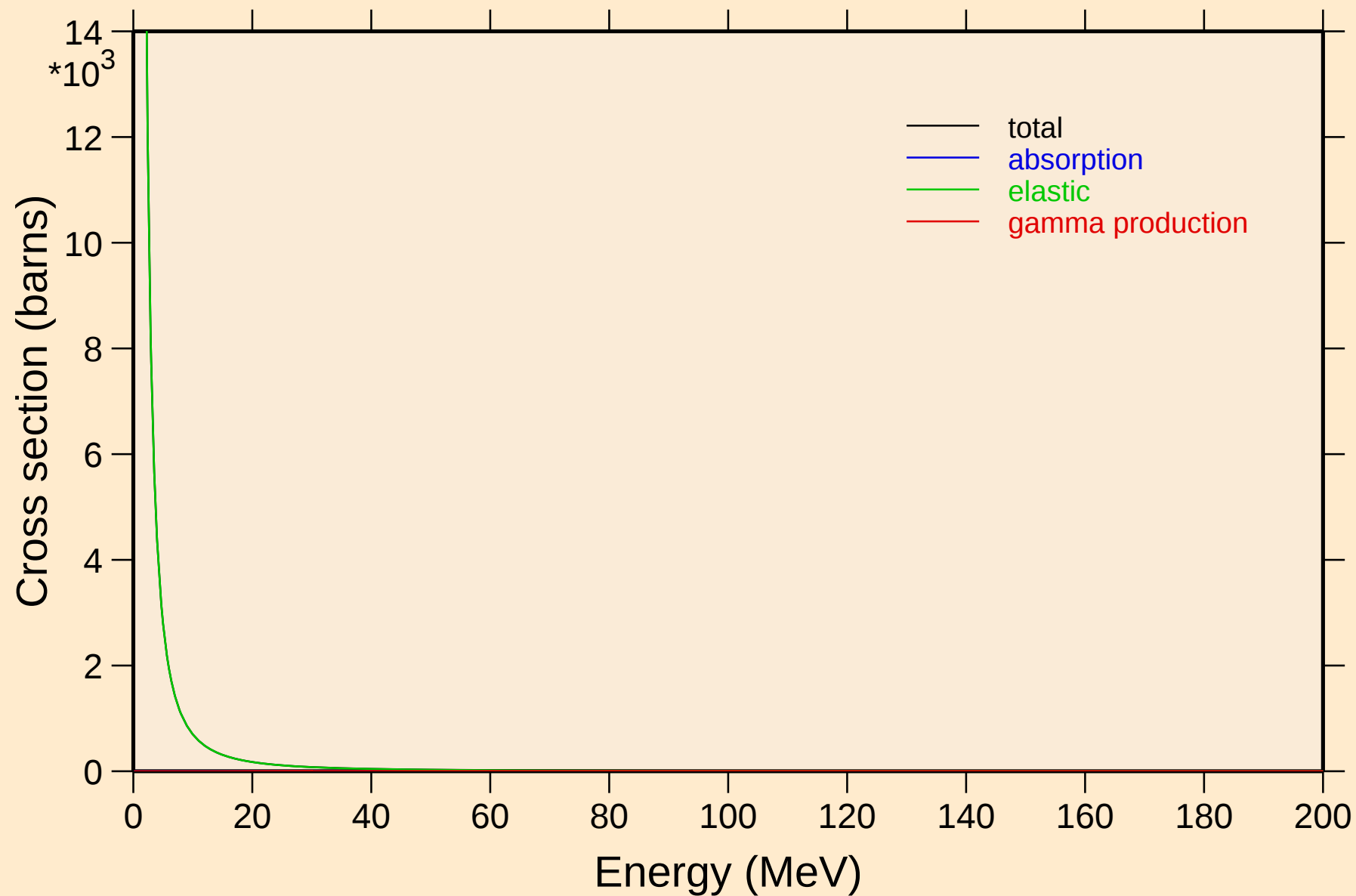
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



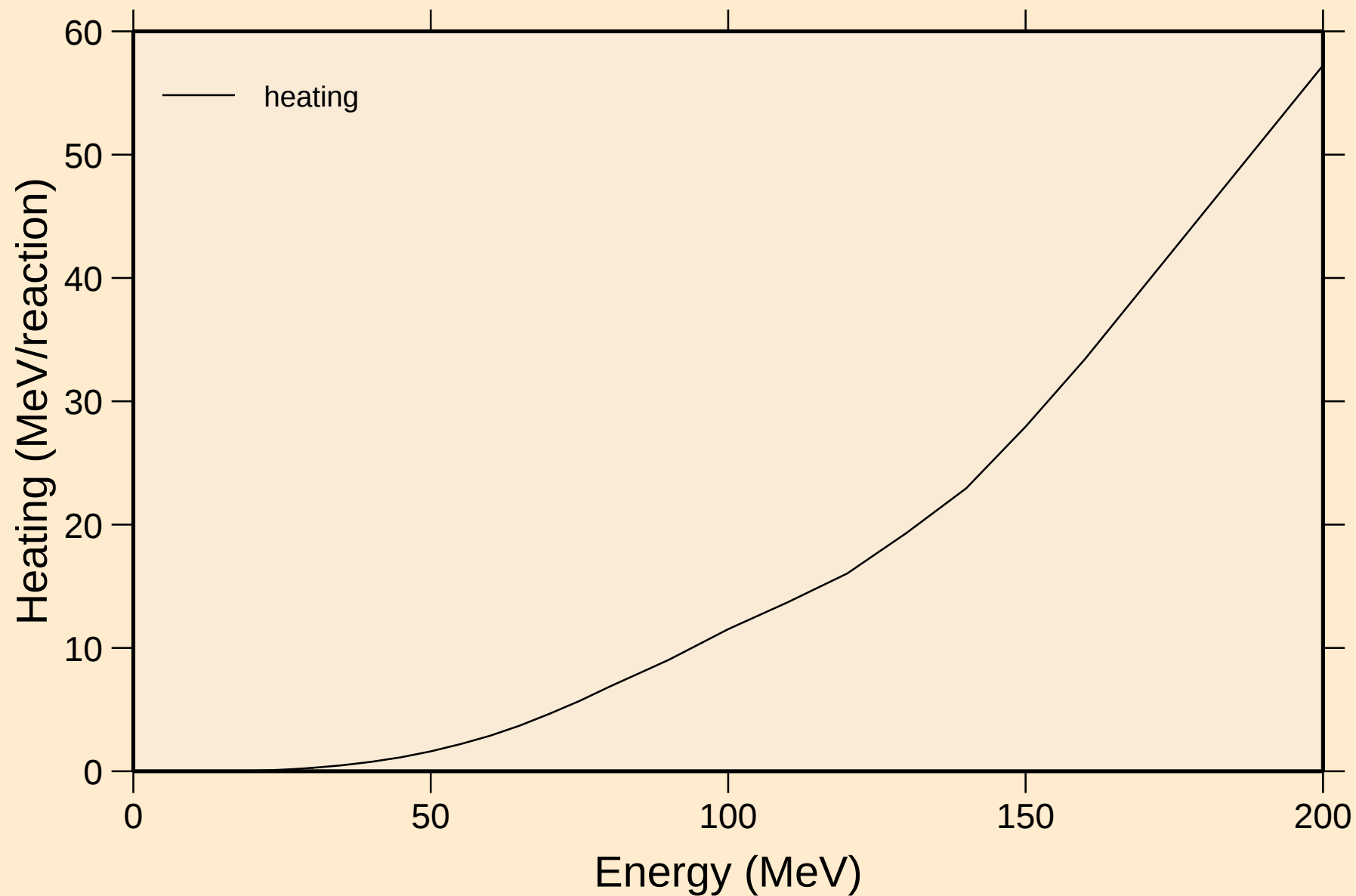
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



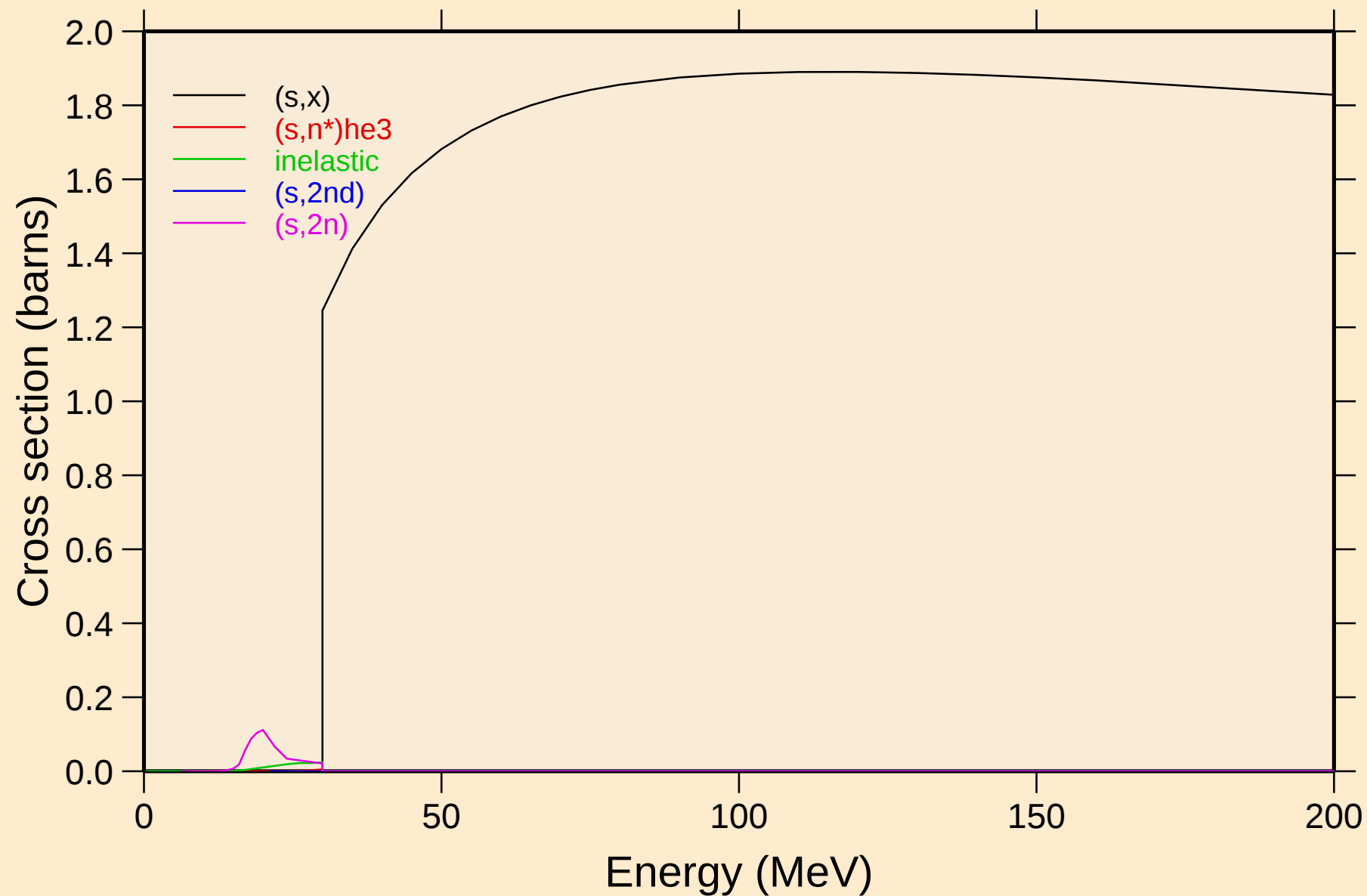
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Heating

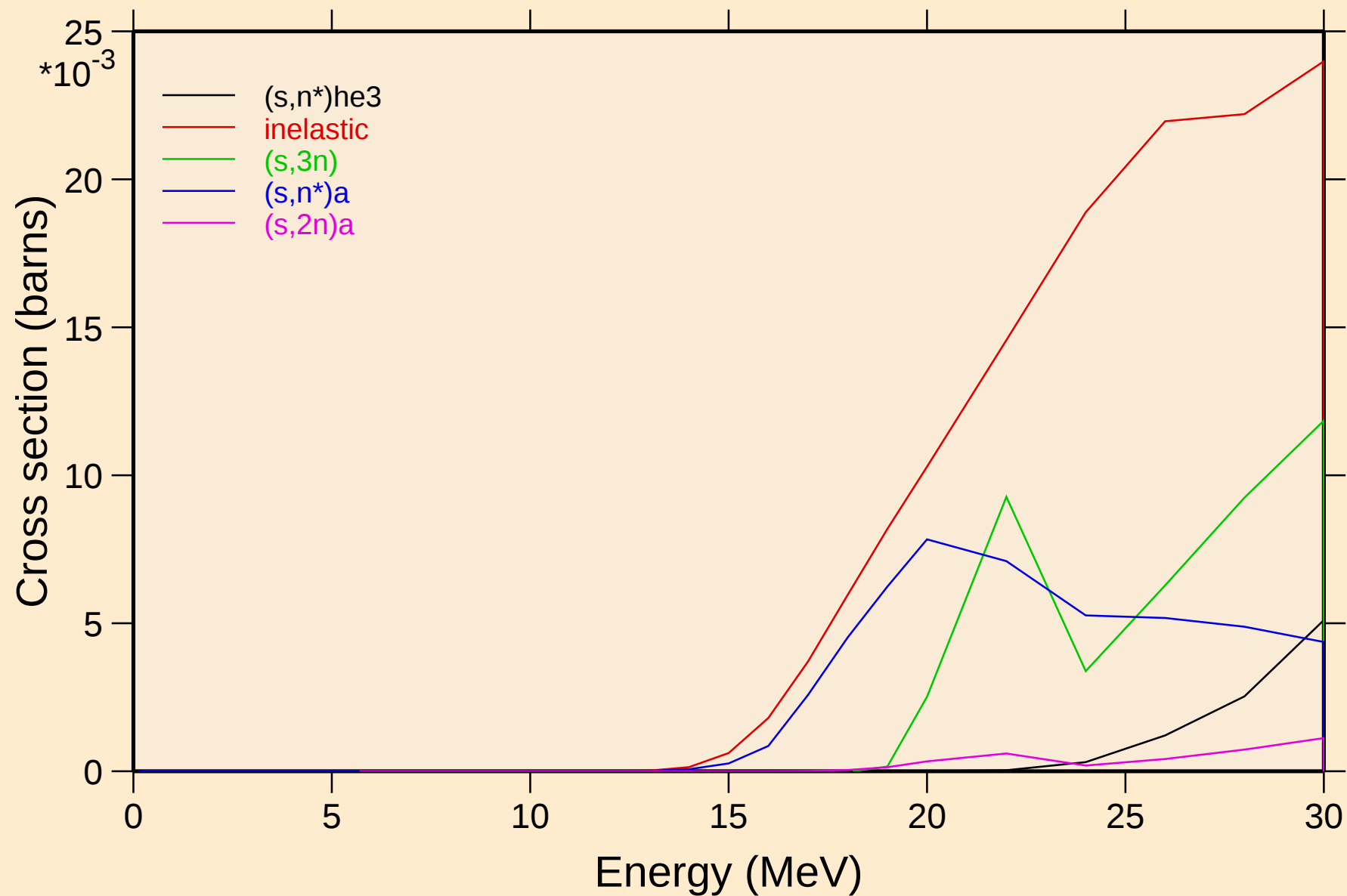


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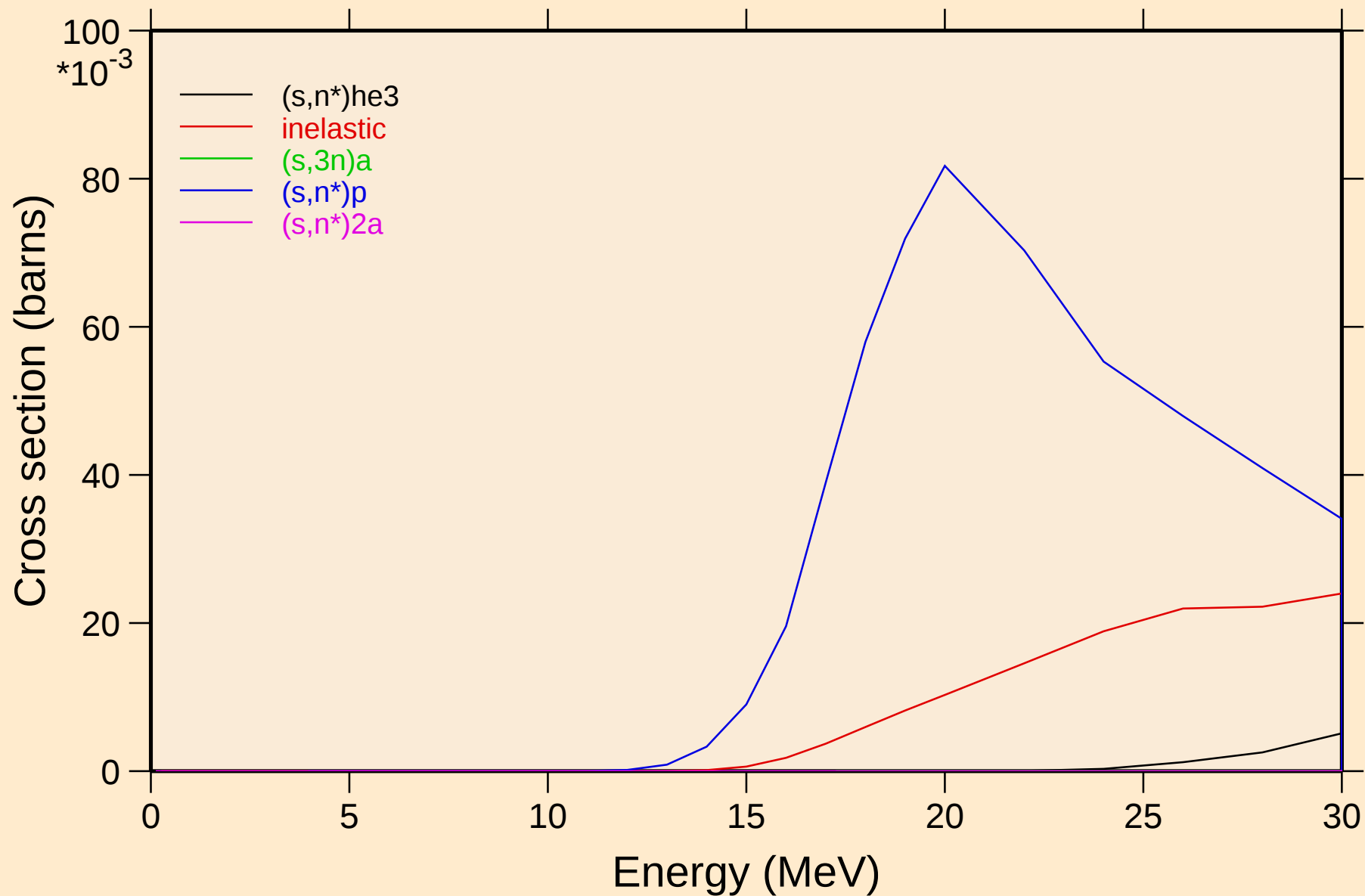
Threshold reactions



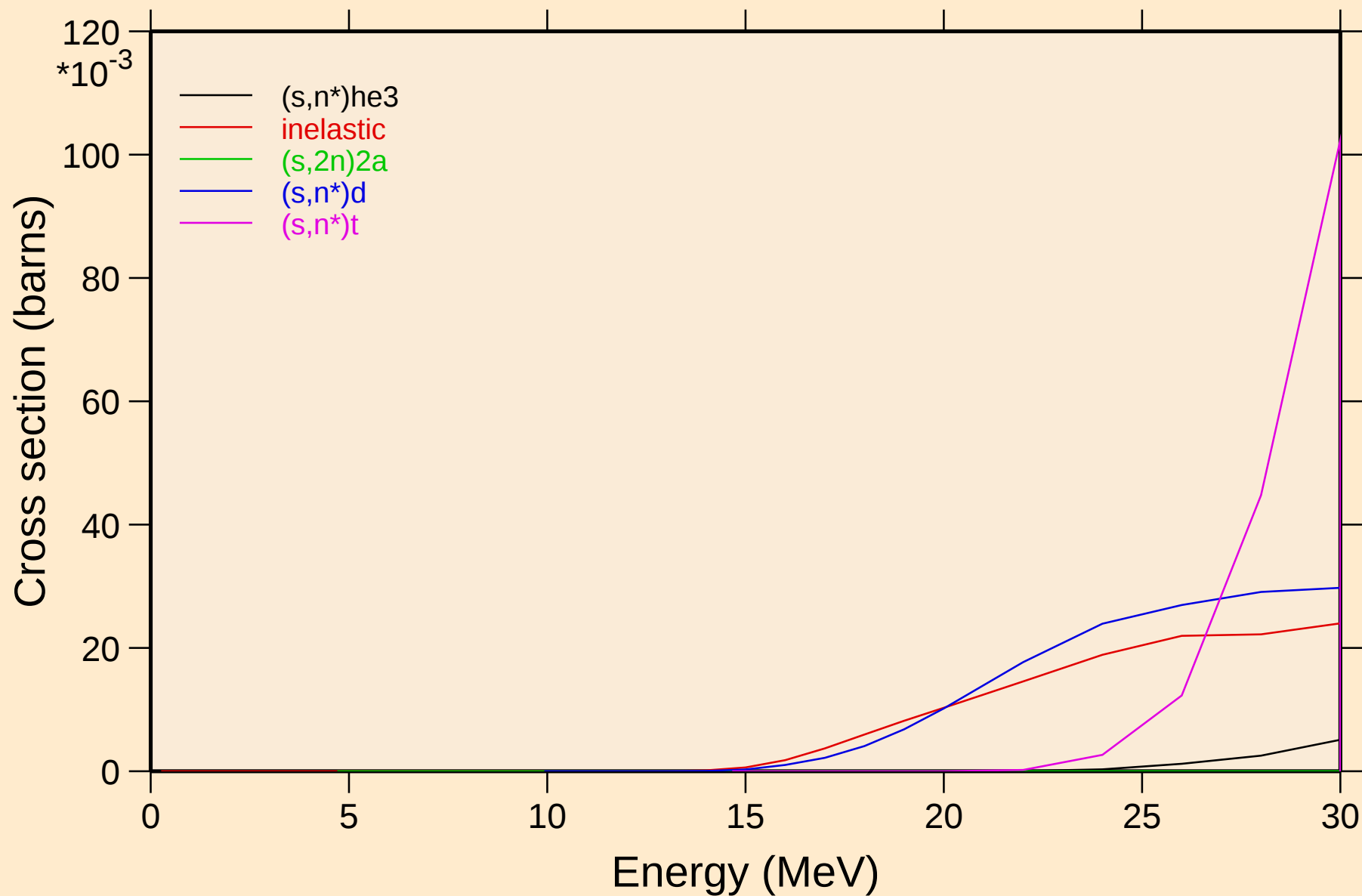
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

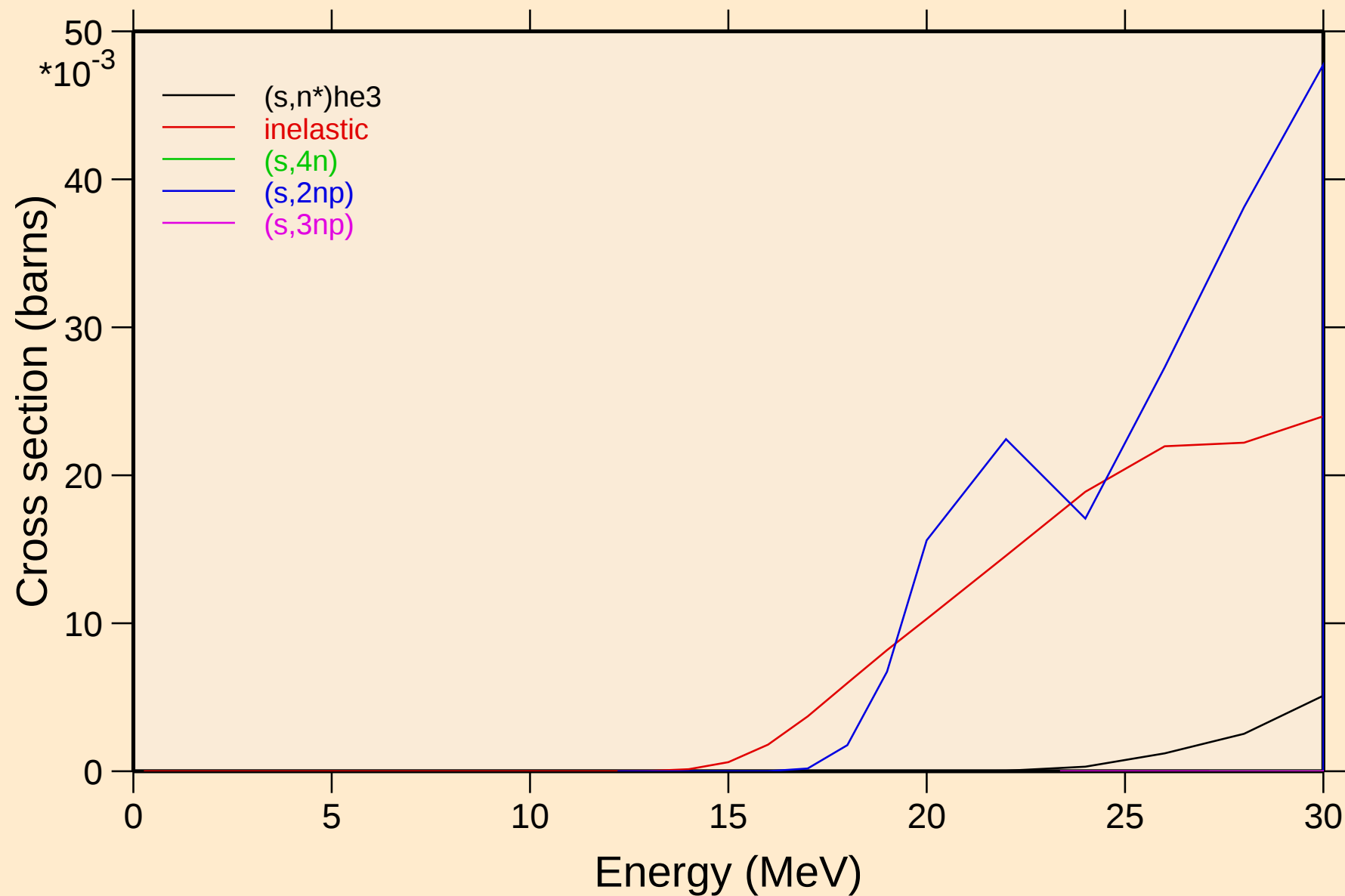


TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



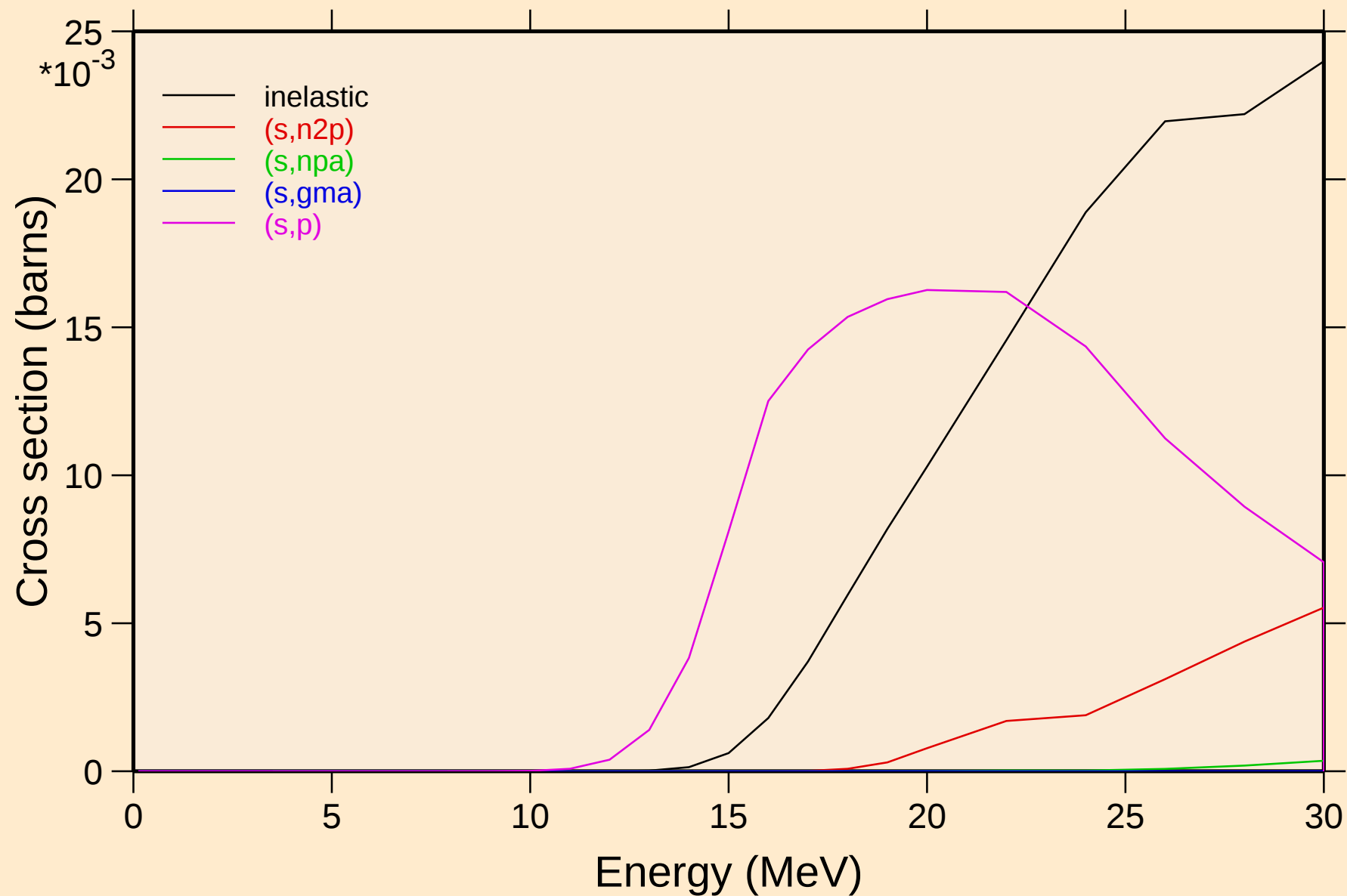
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Threshold reactions

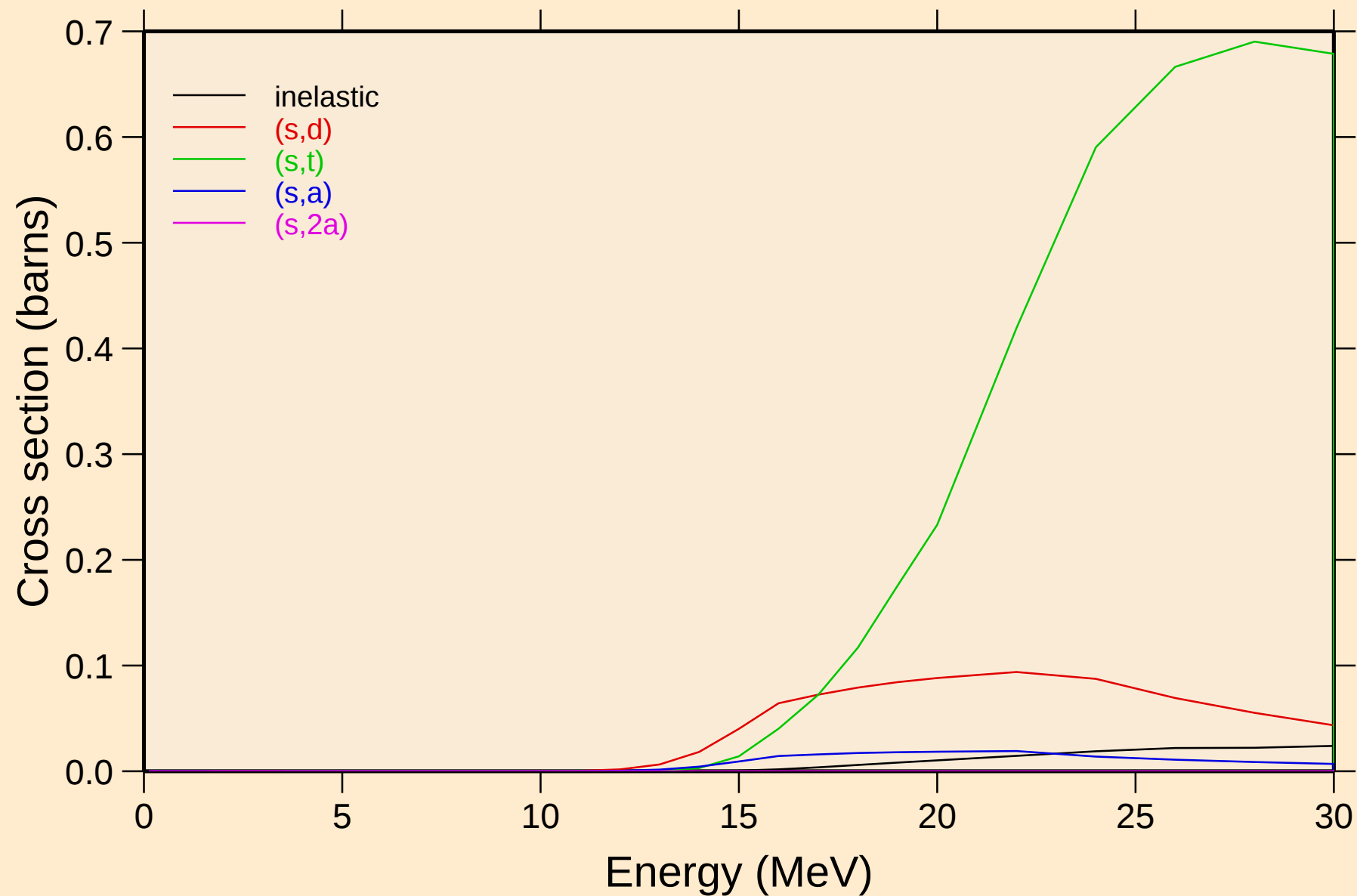


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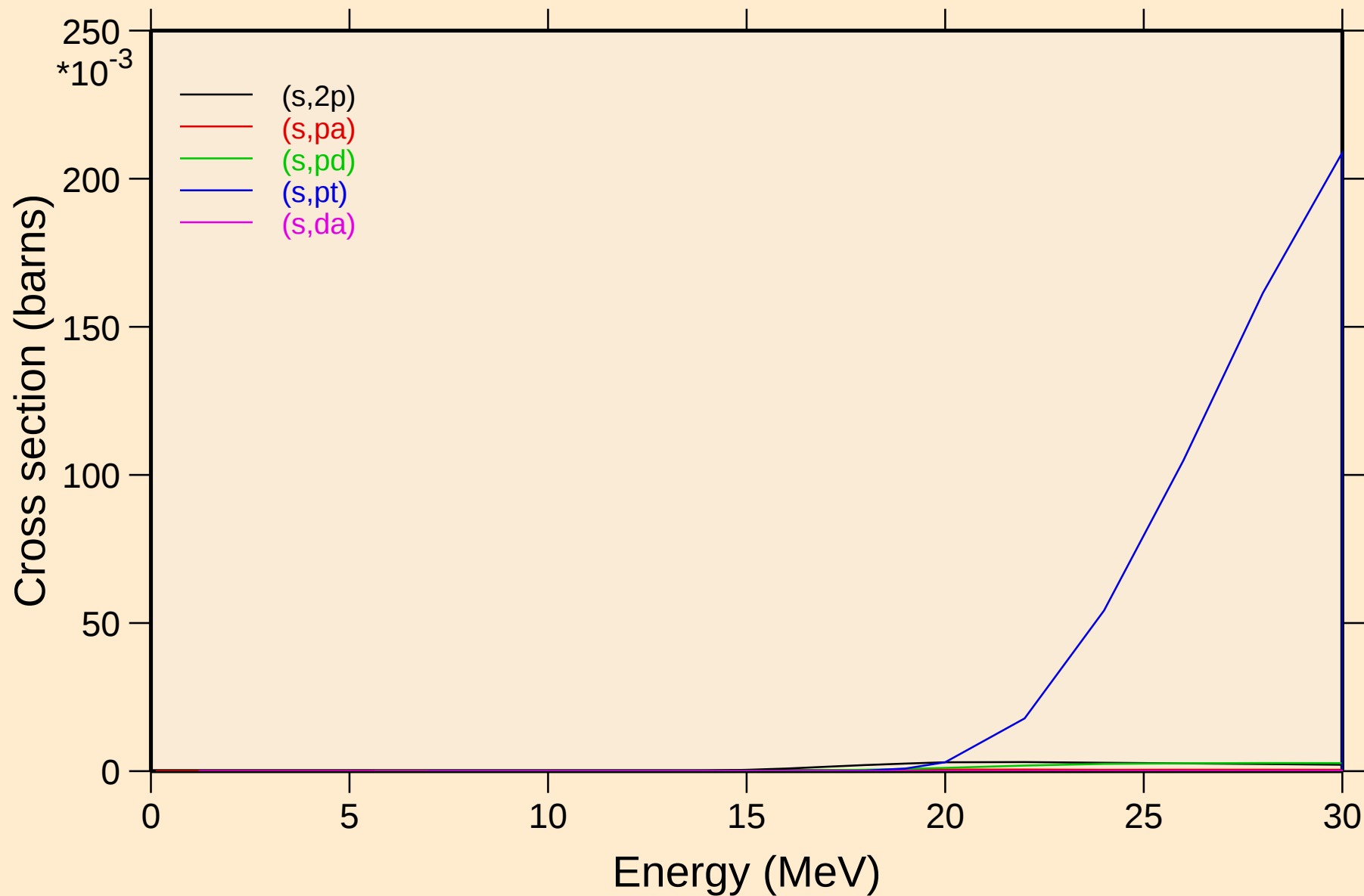
Threshold reactions



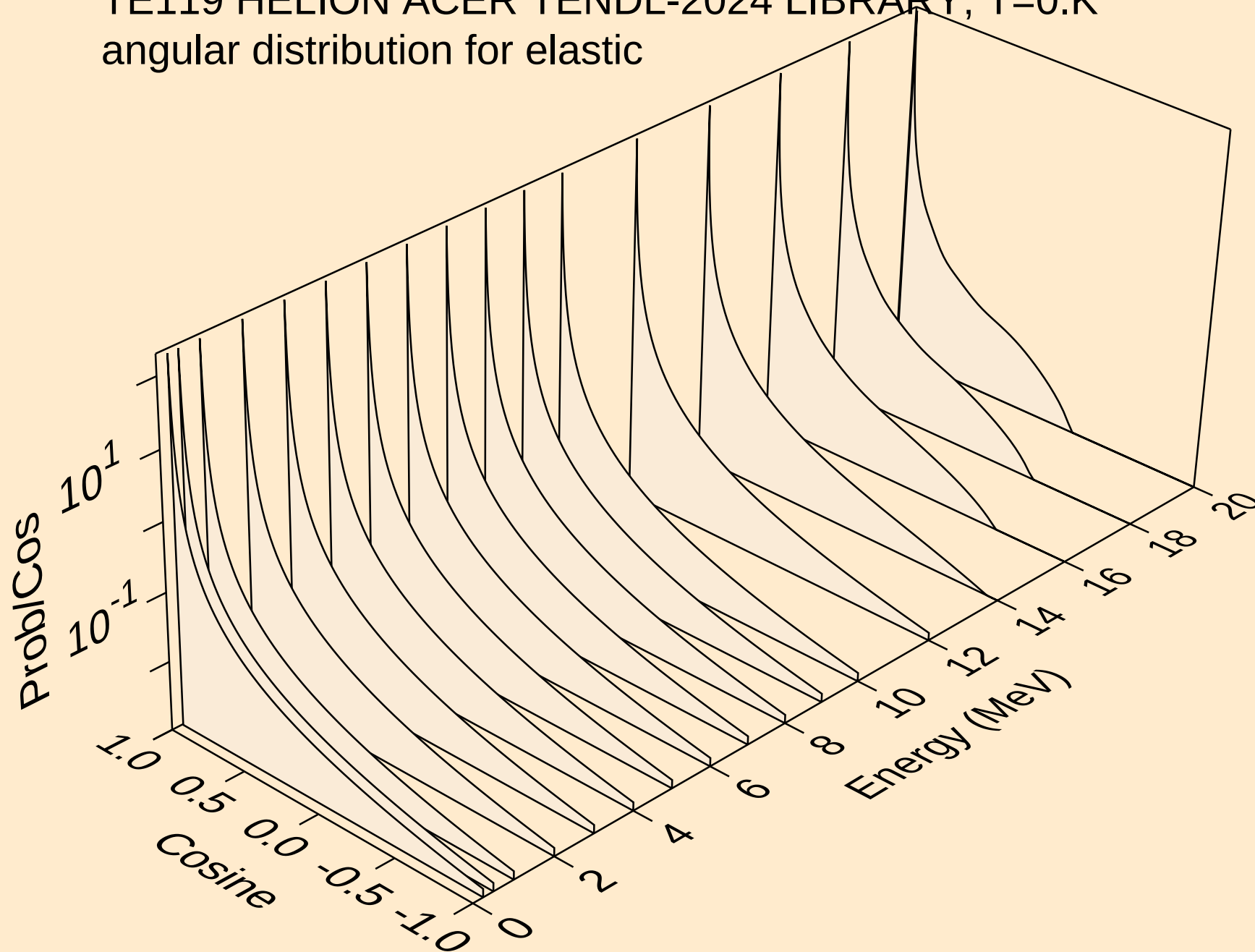
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Threshold reactions



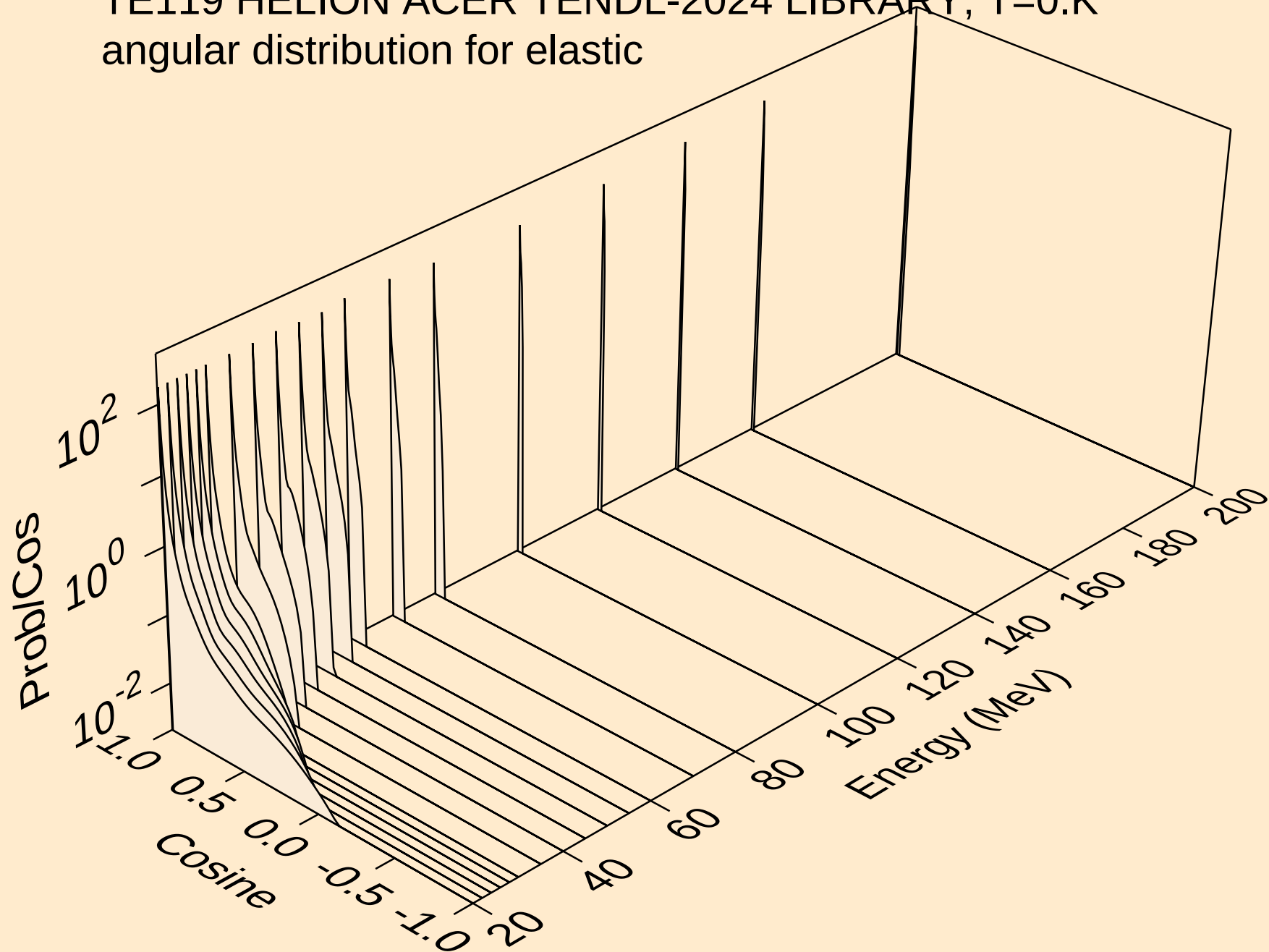
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



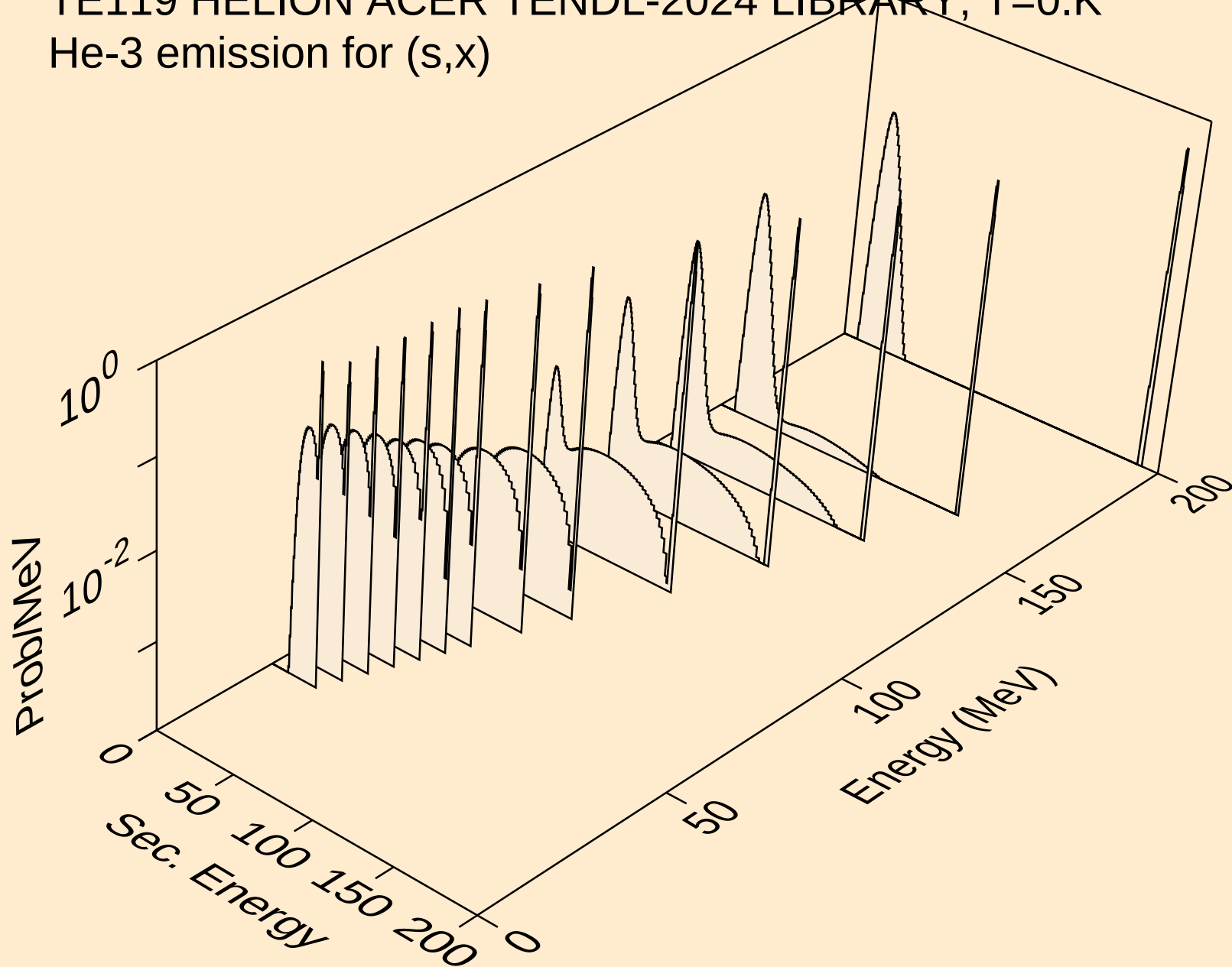
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



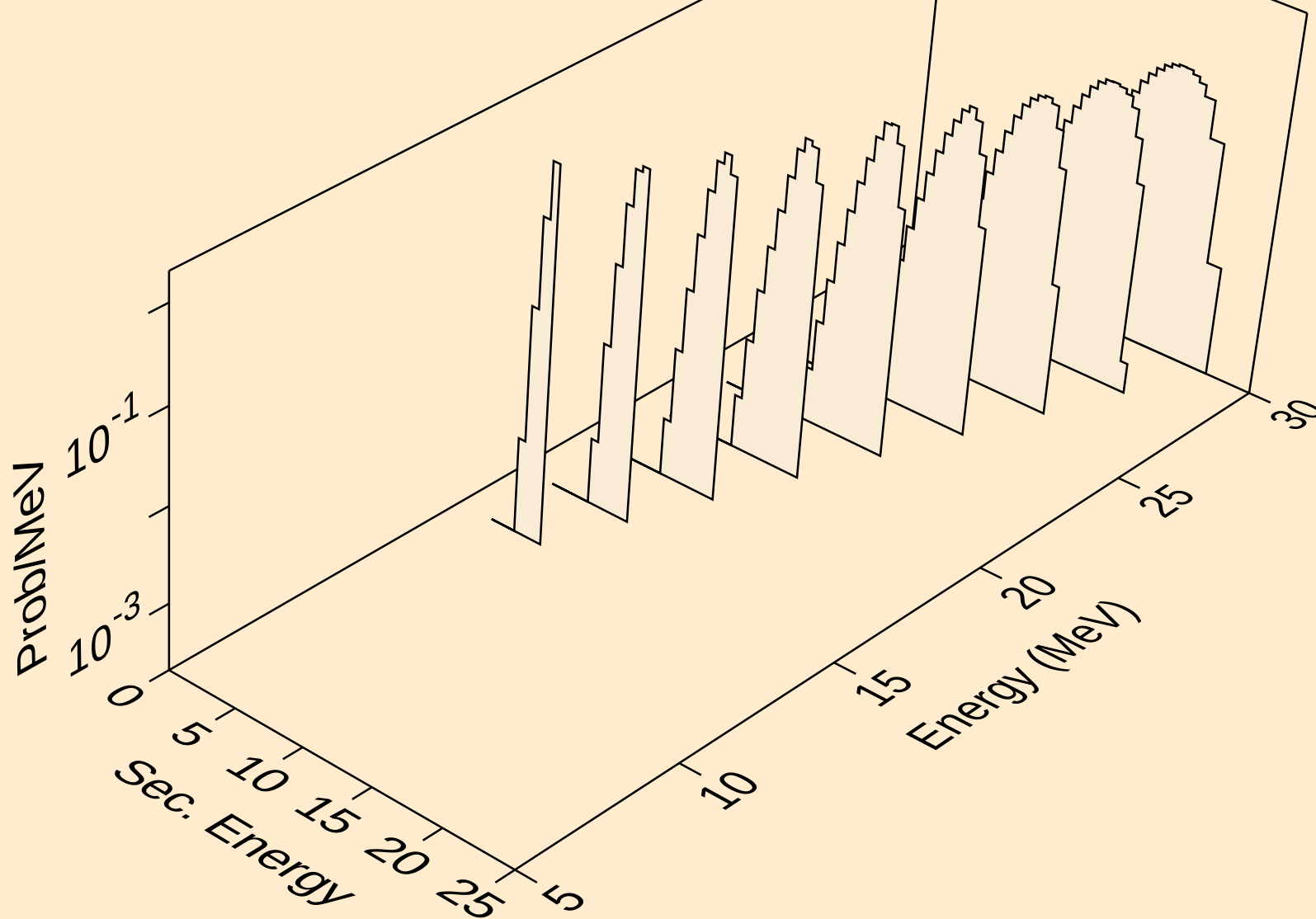
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



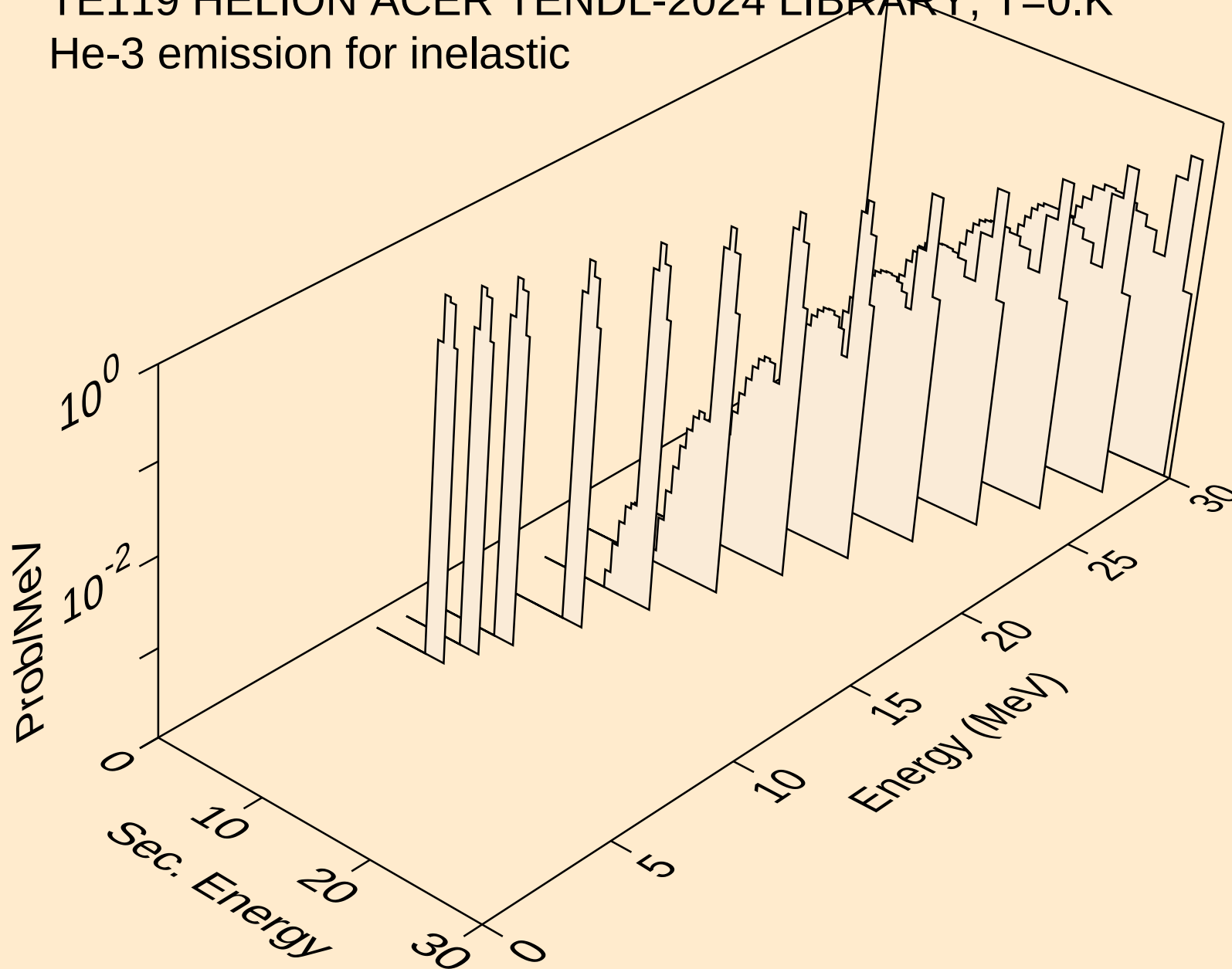
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,x)



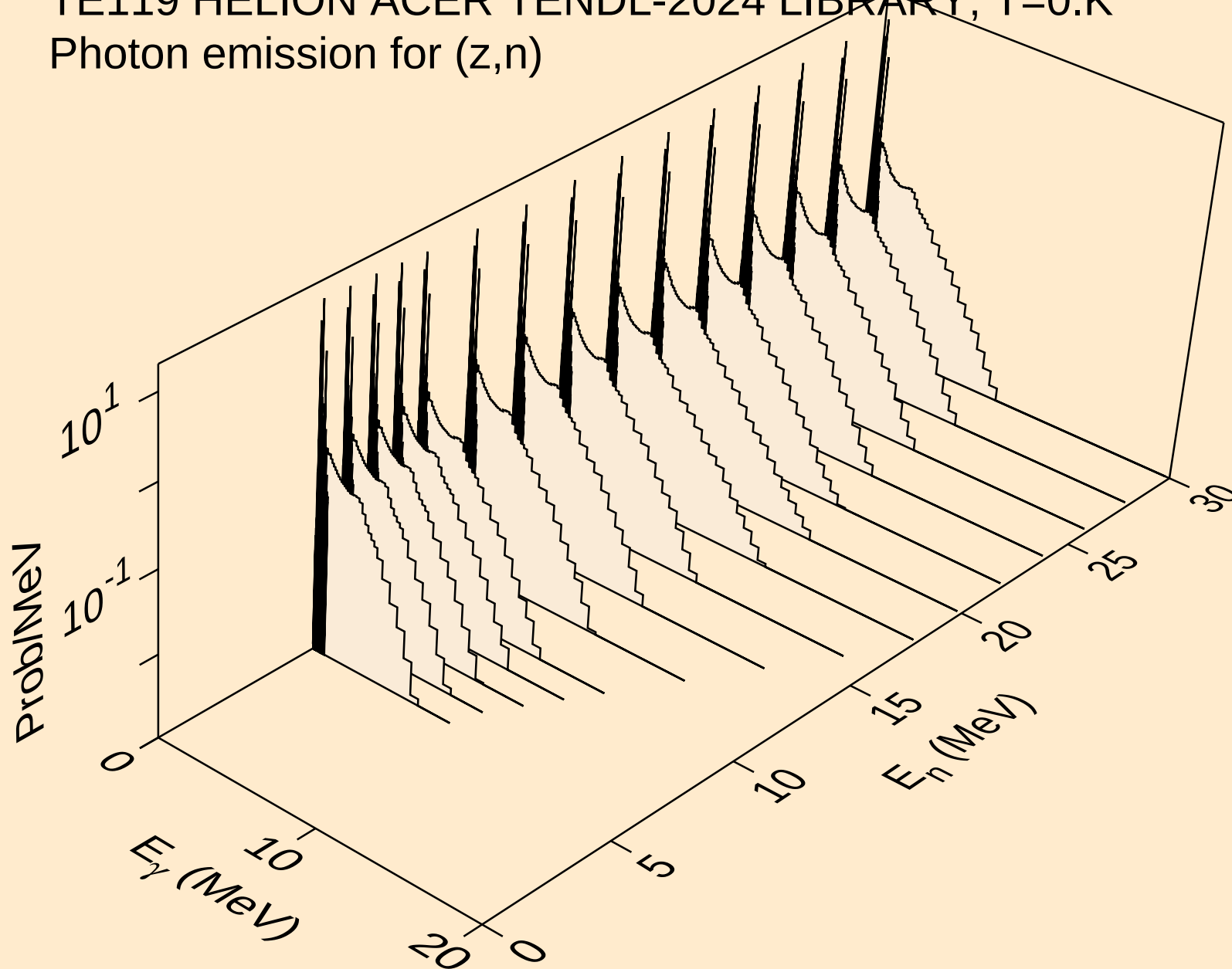
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



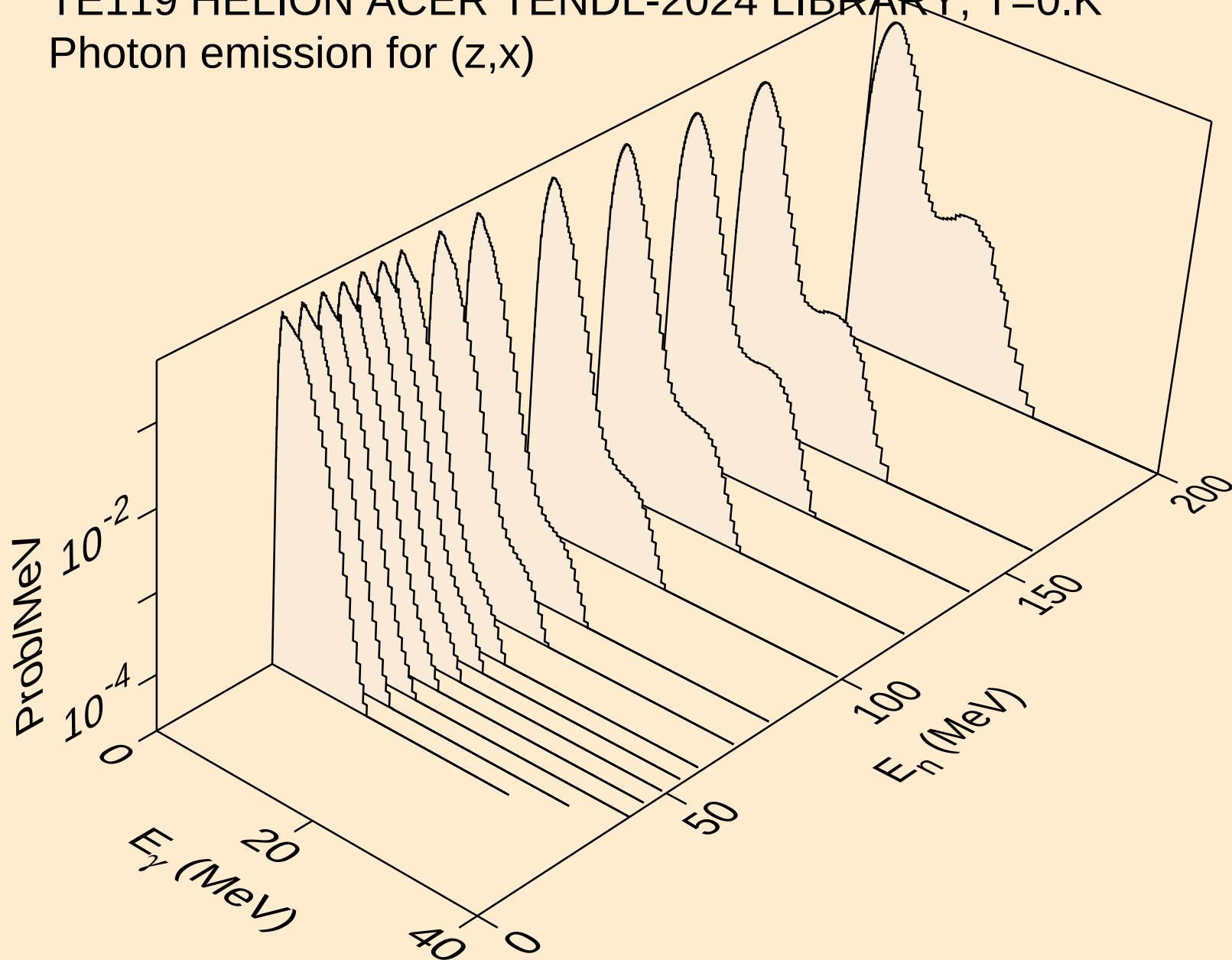
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for inelastic



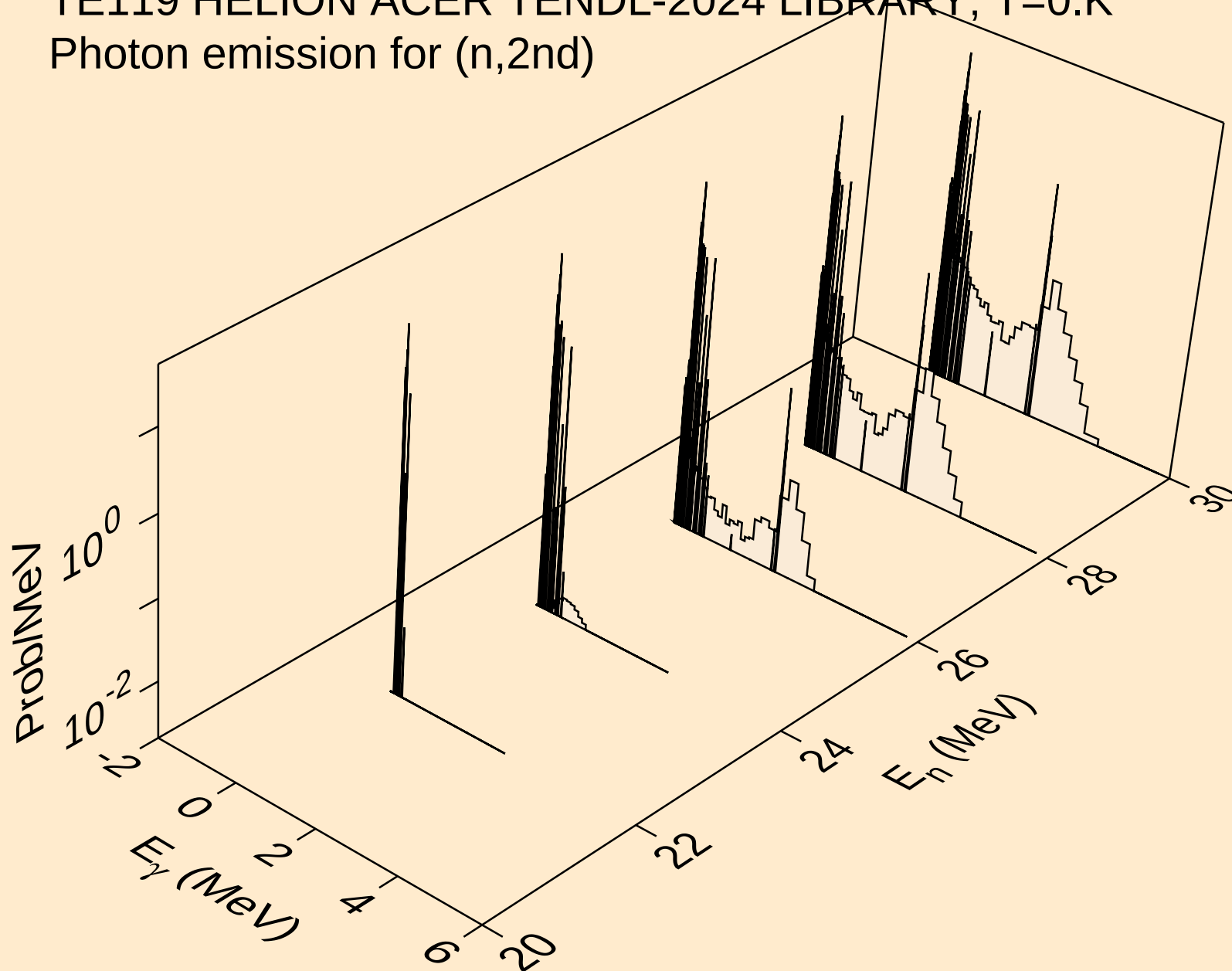
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)



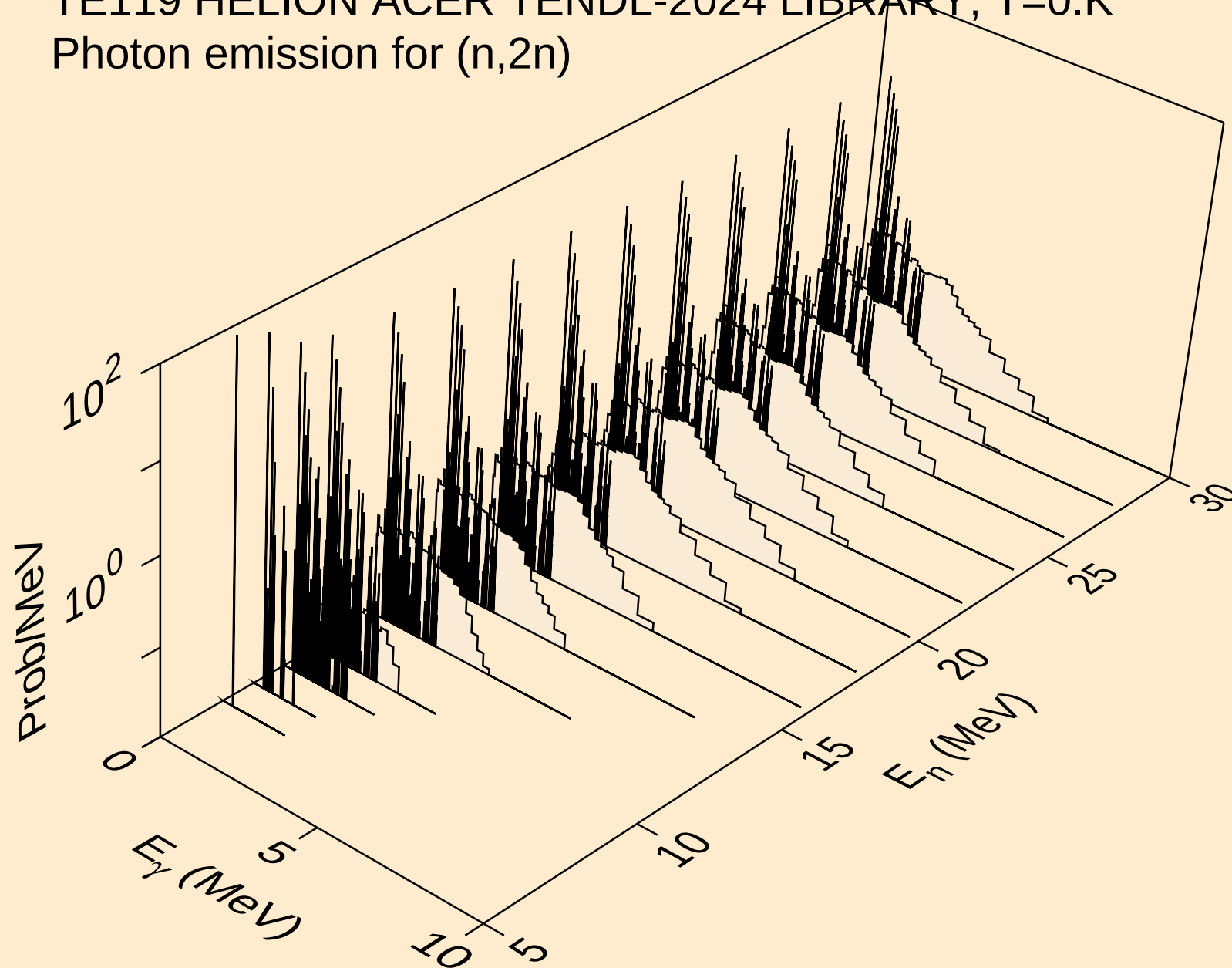
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,x)



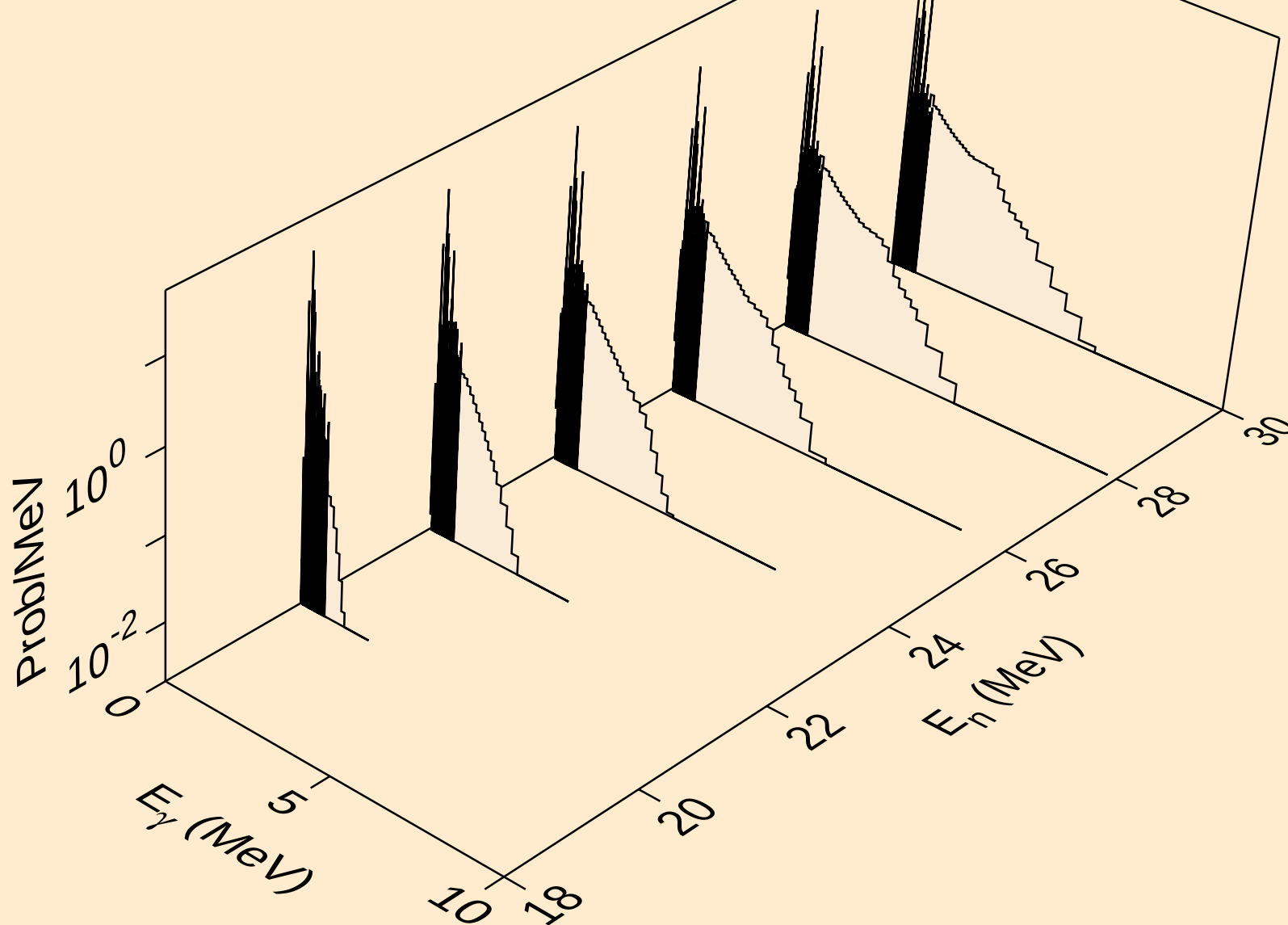
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



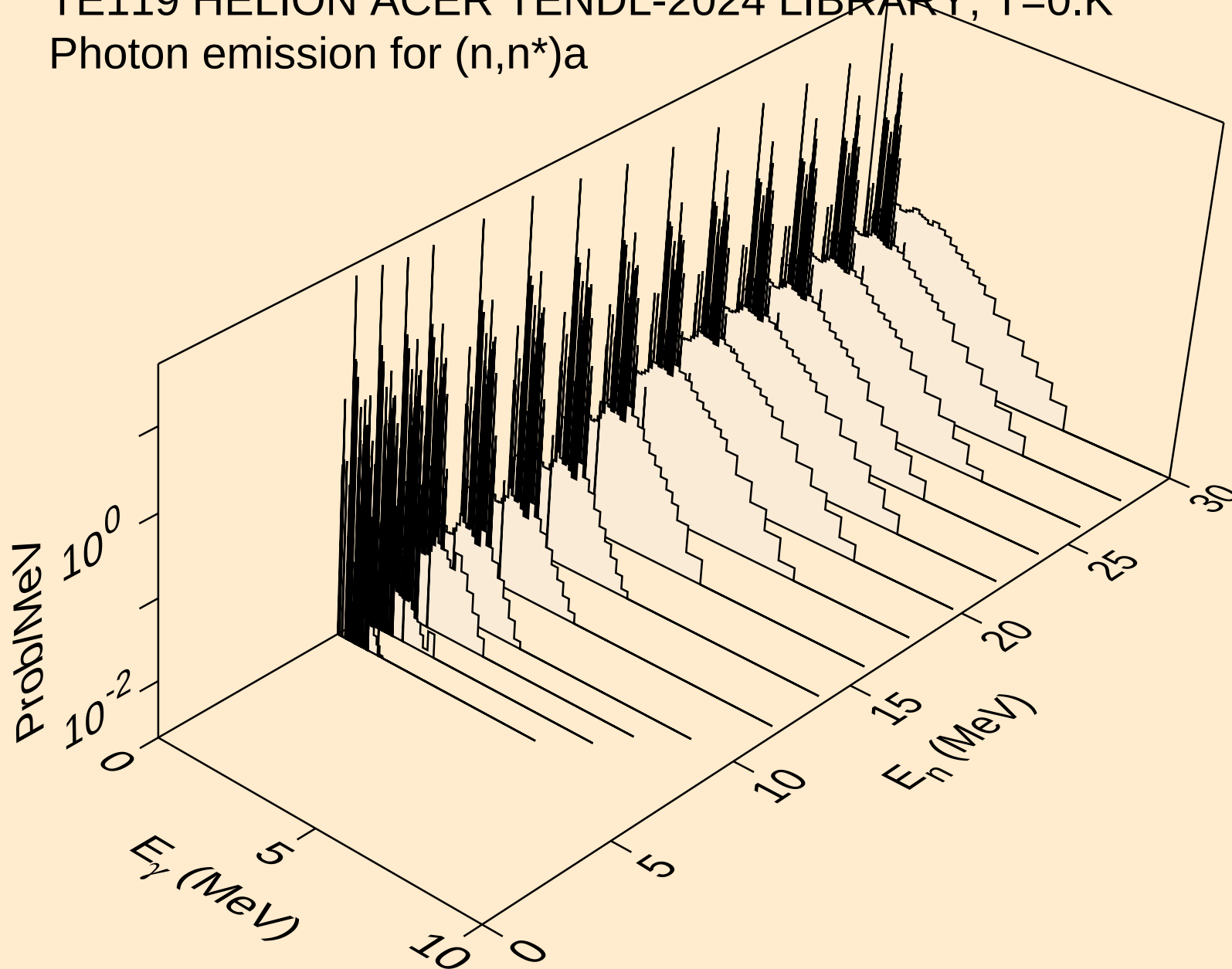
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



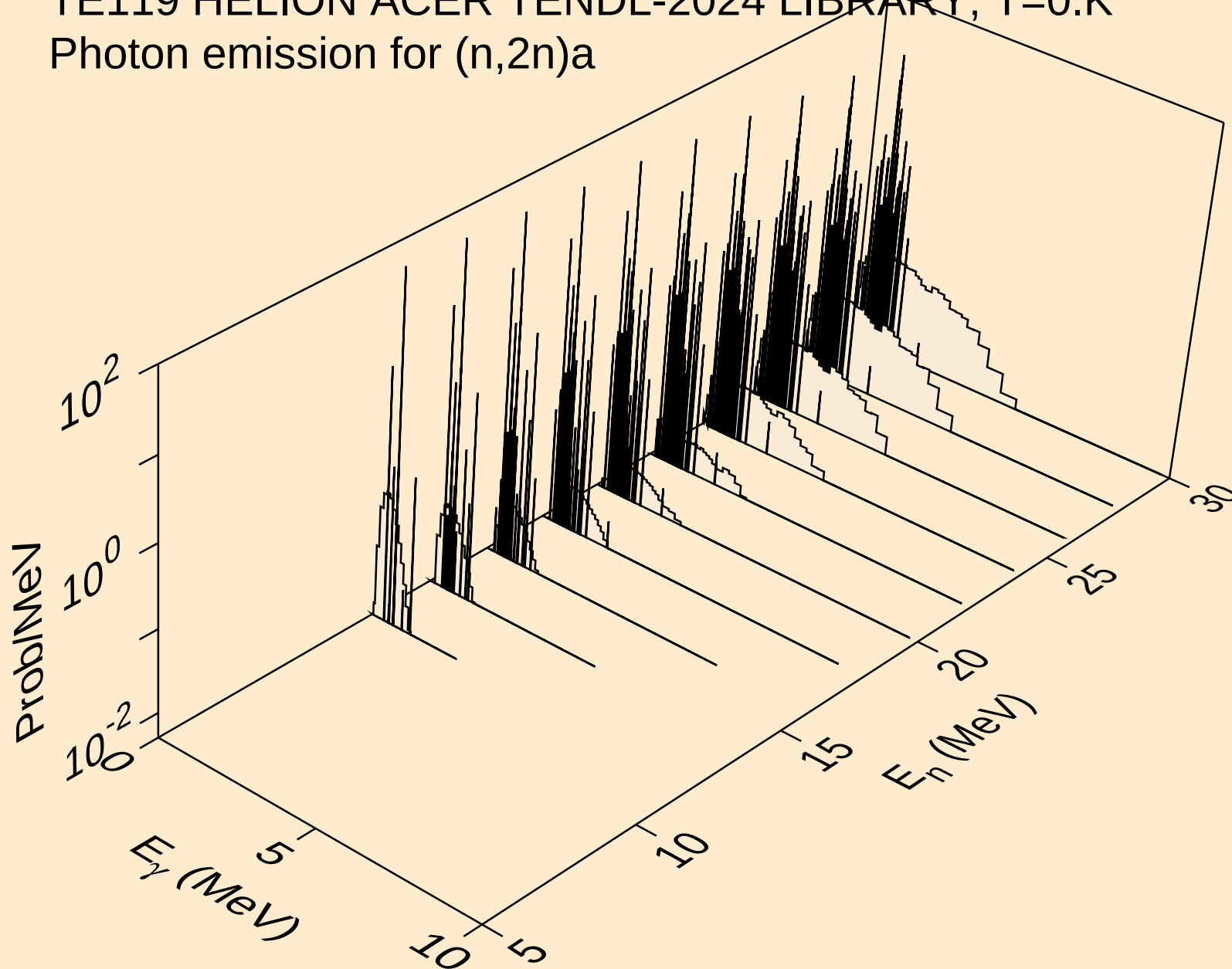
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



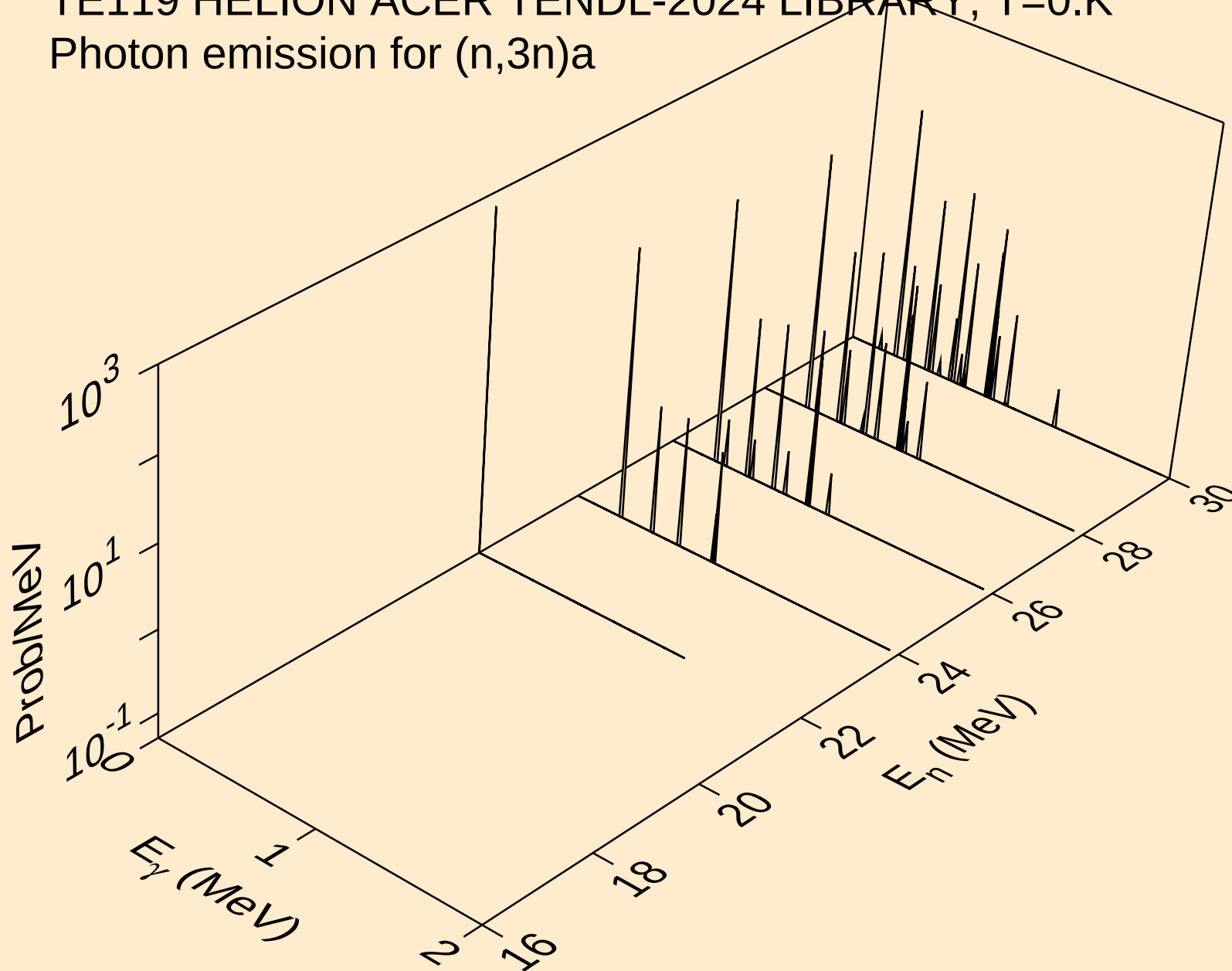
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



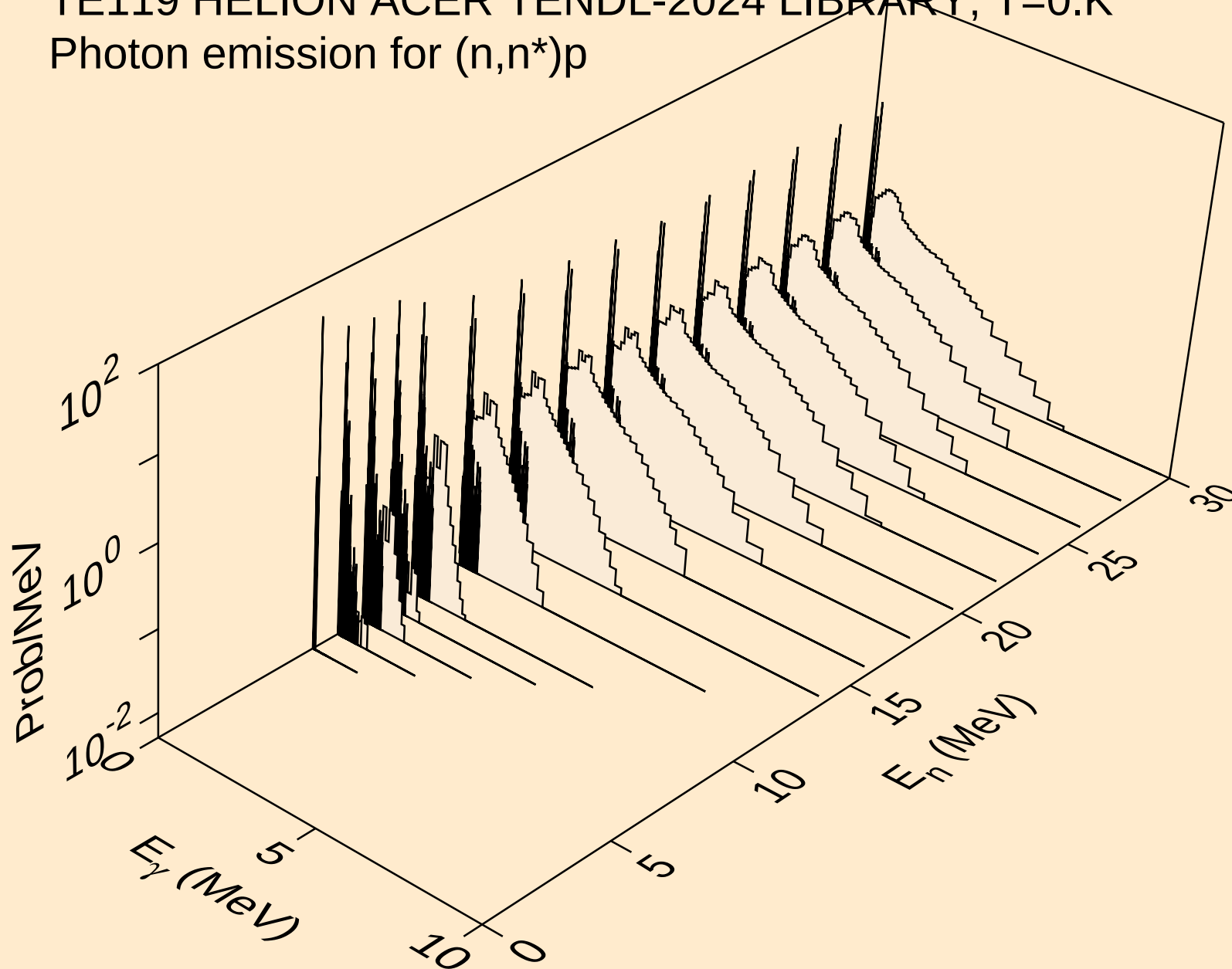
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



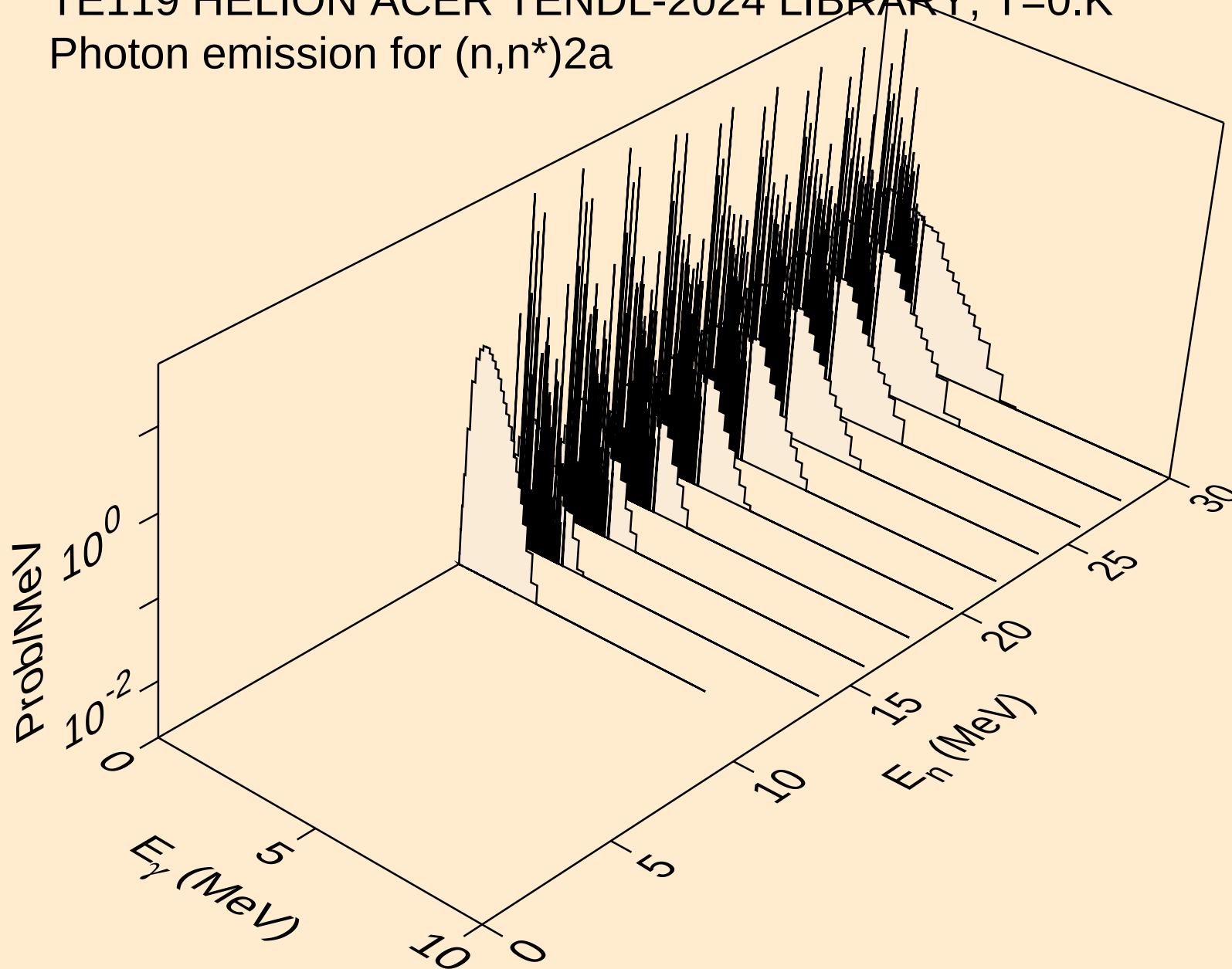
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)a



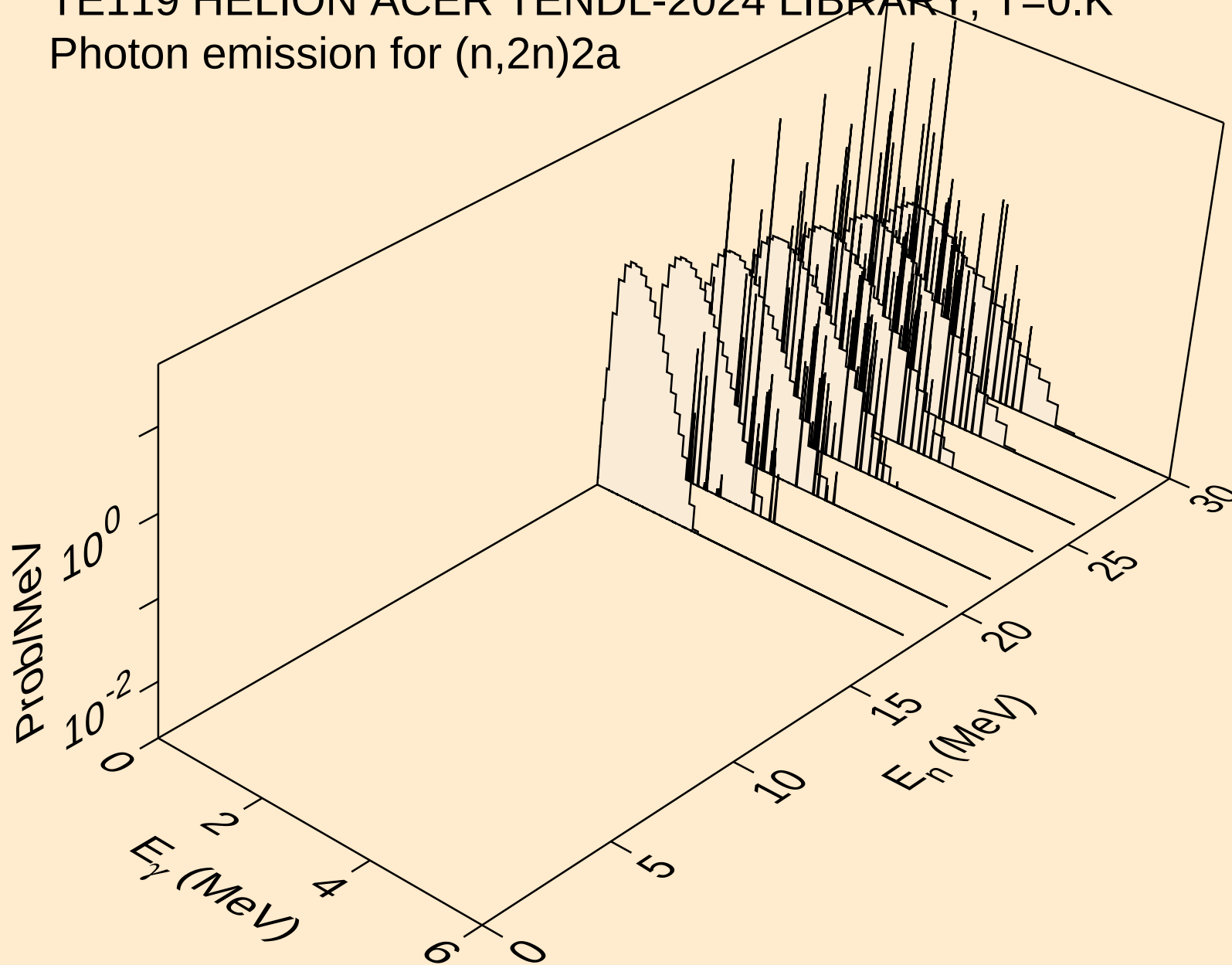
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



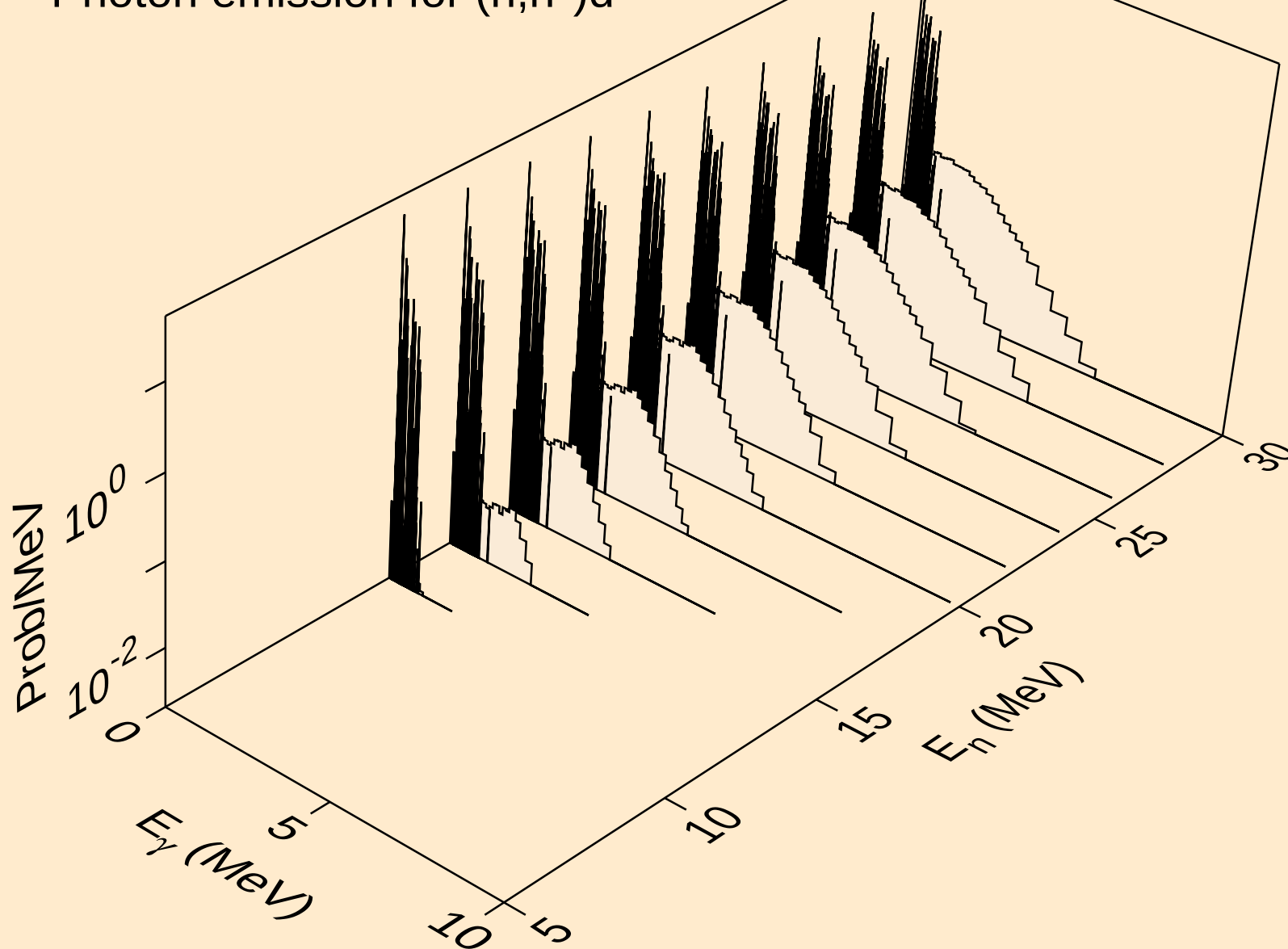
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)2a

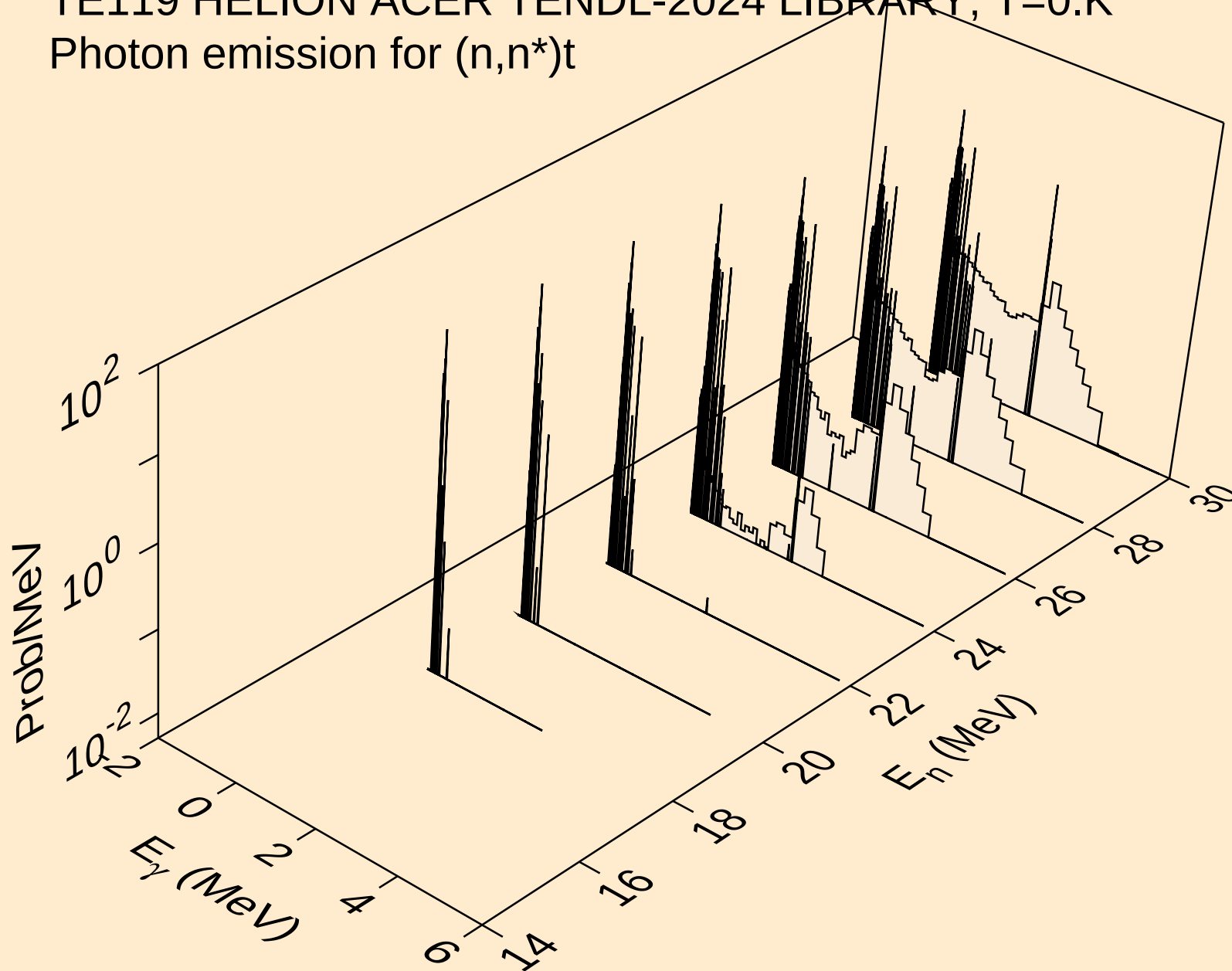


TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d

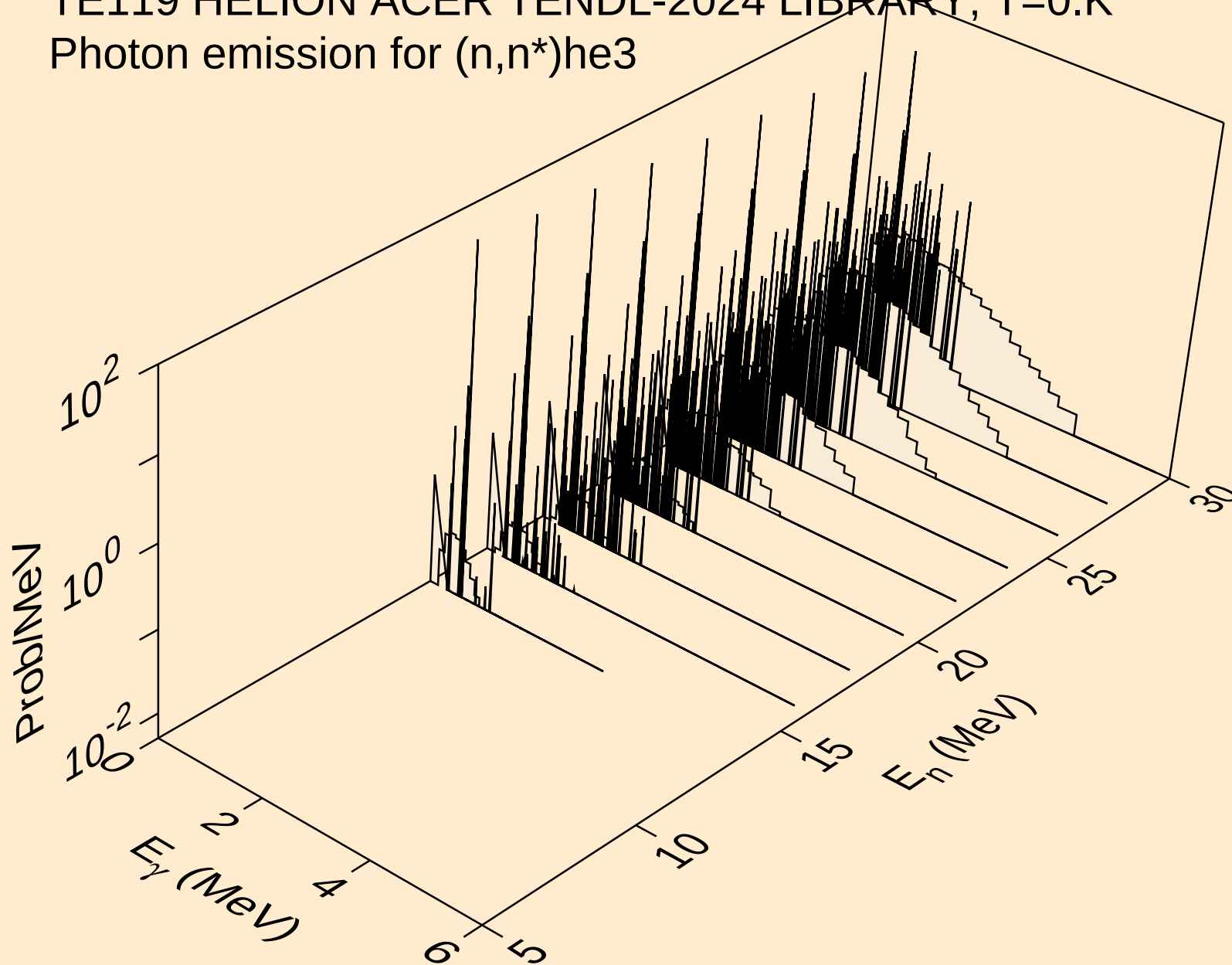


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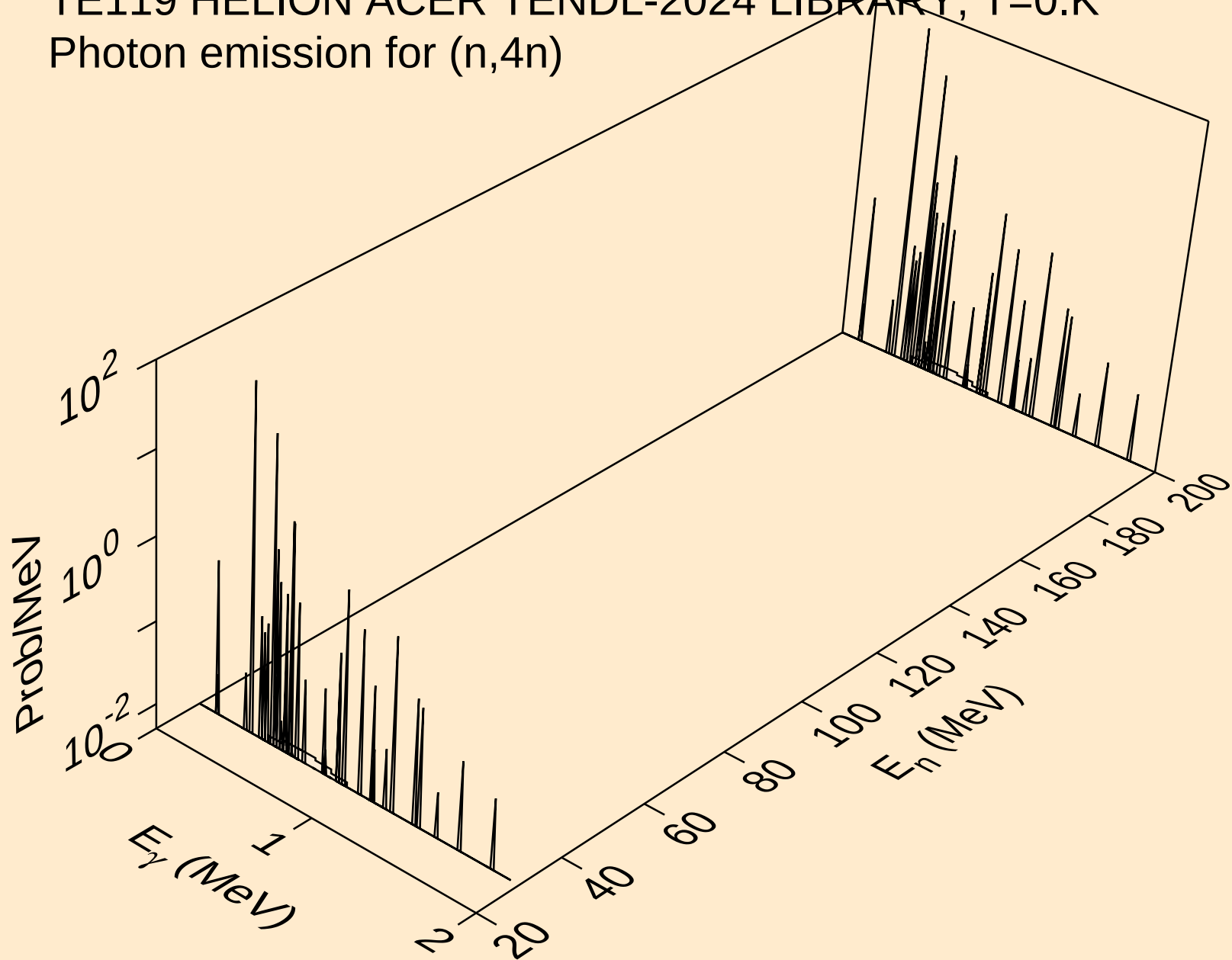
Photon emission for (n,n*)t



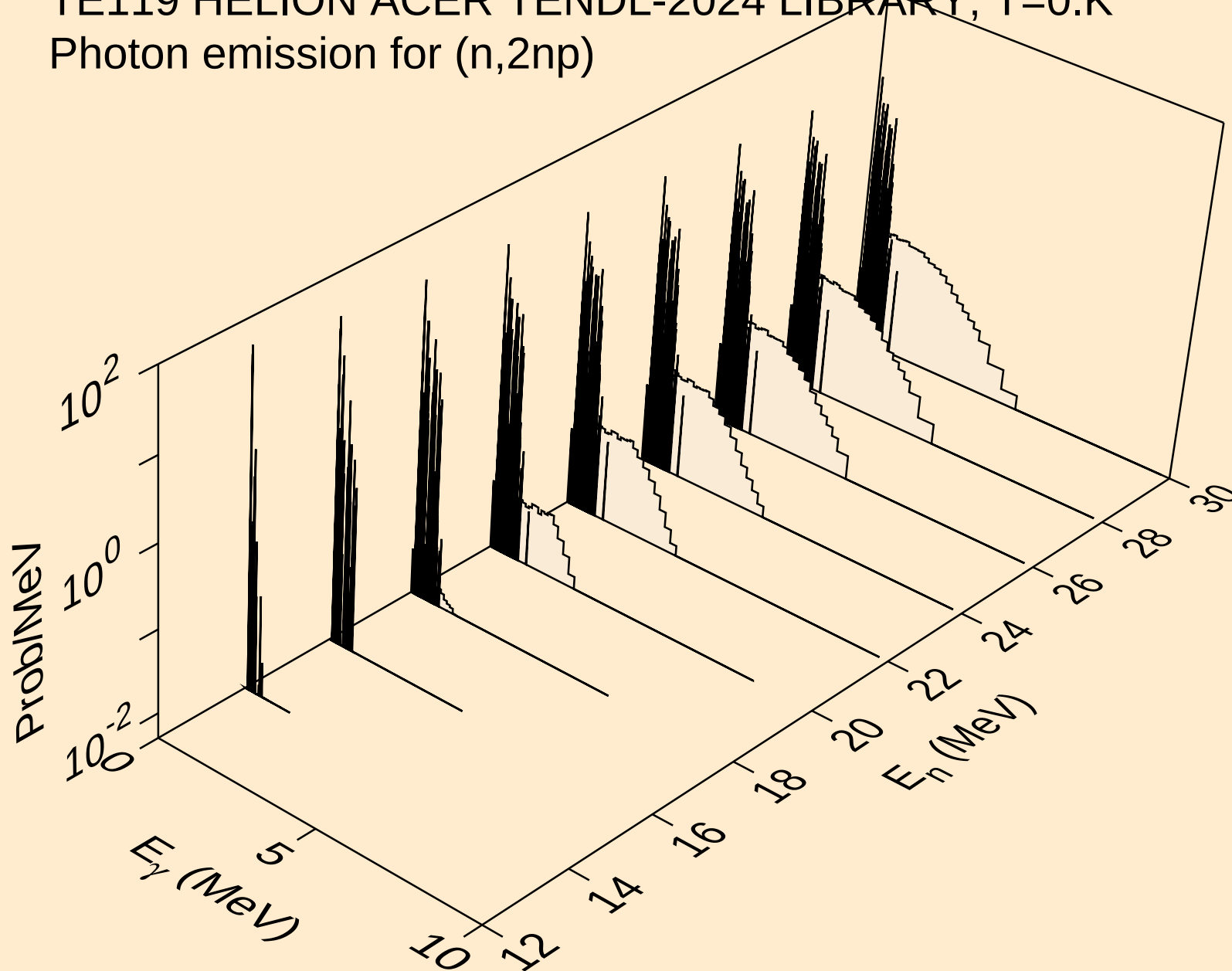
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



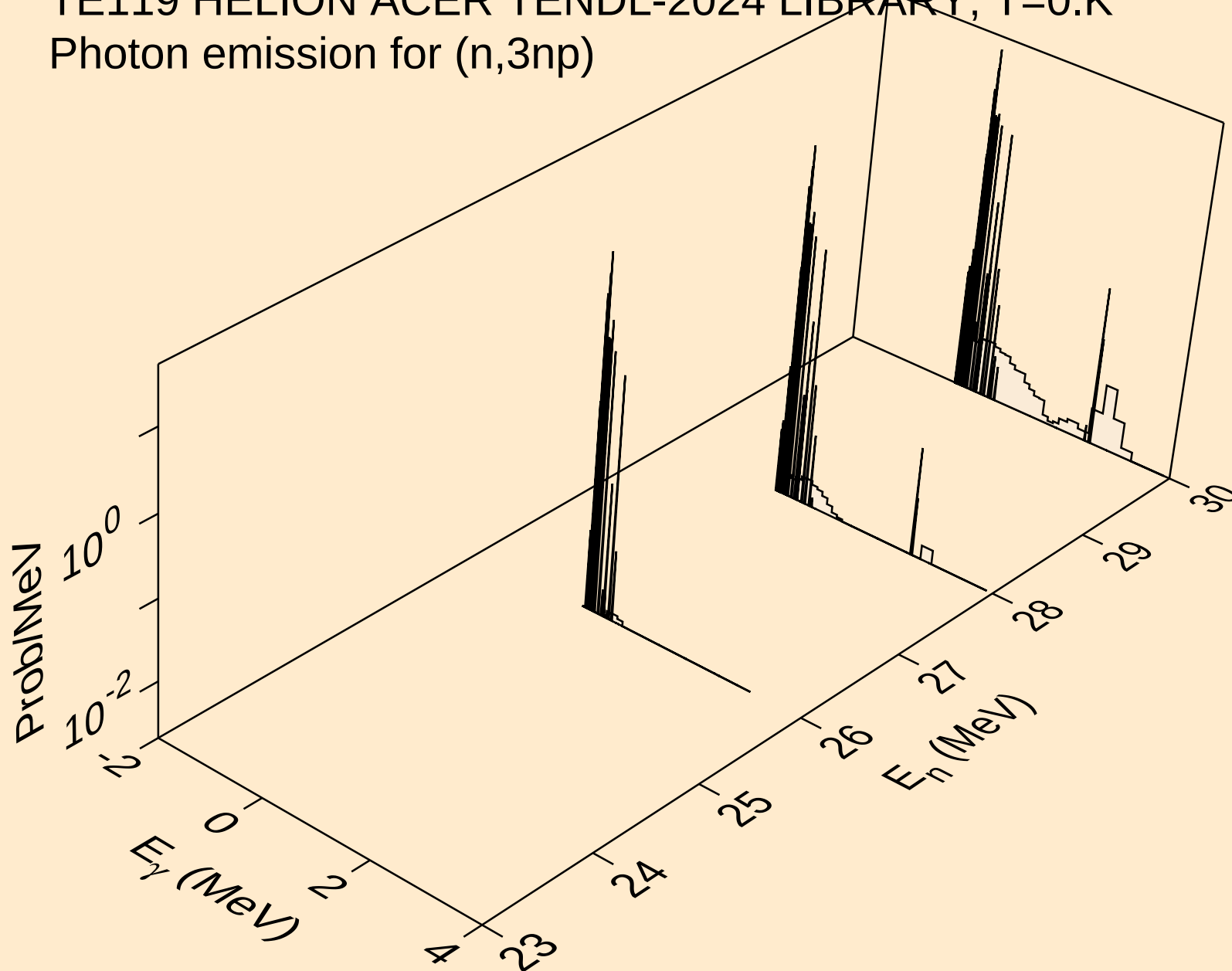
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



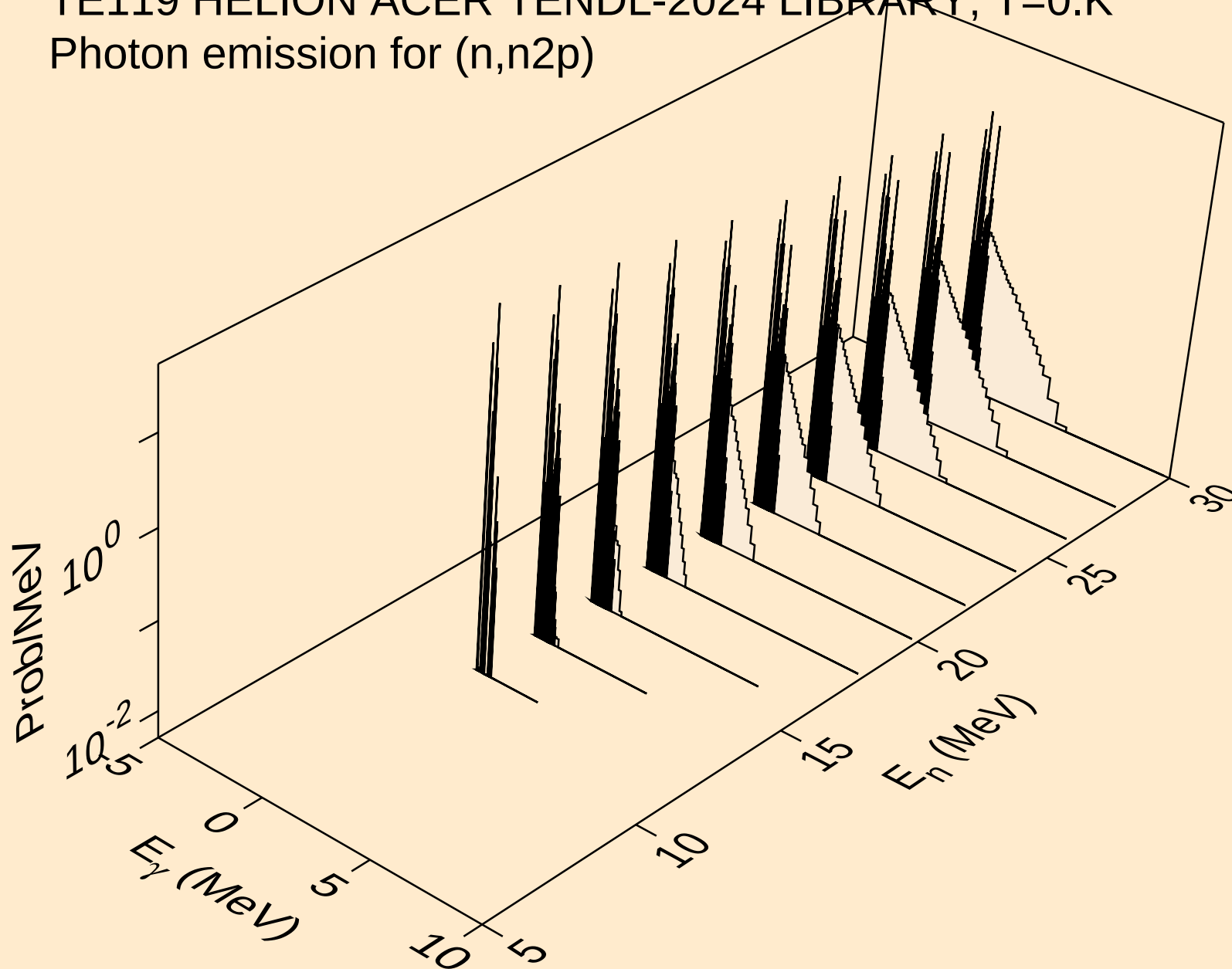
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Photon emission for (n,2np)



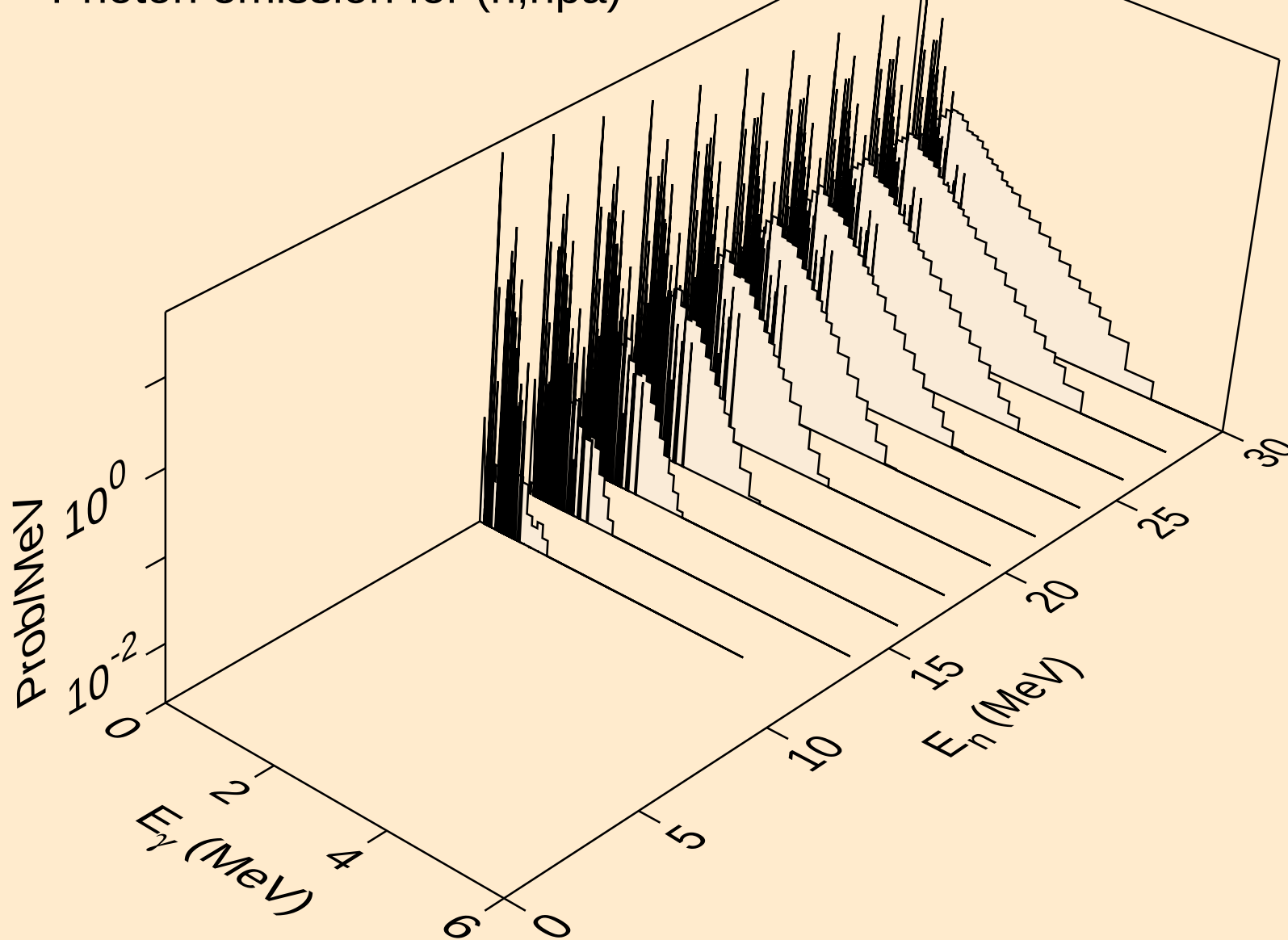
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



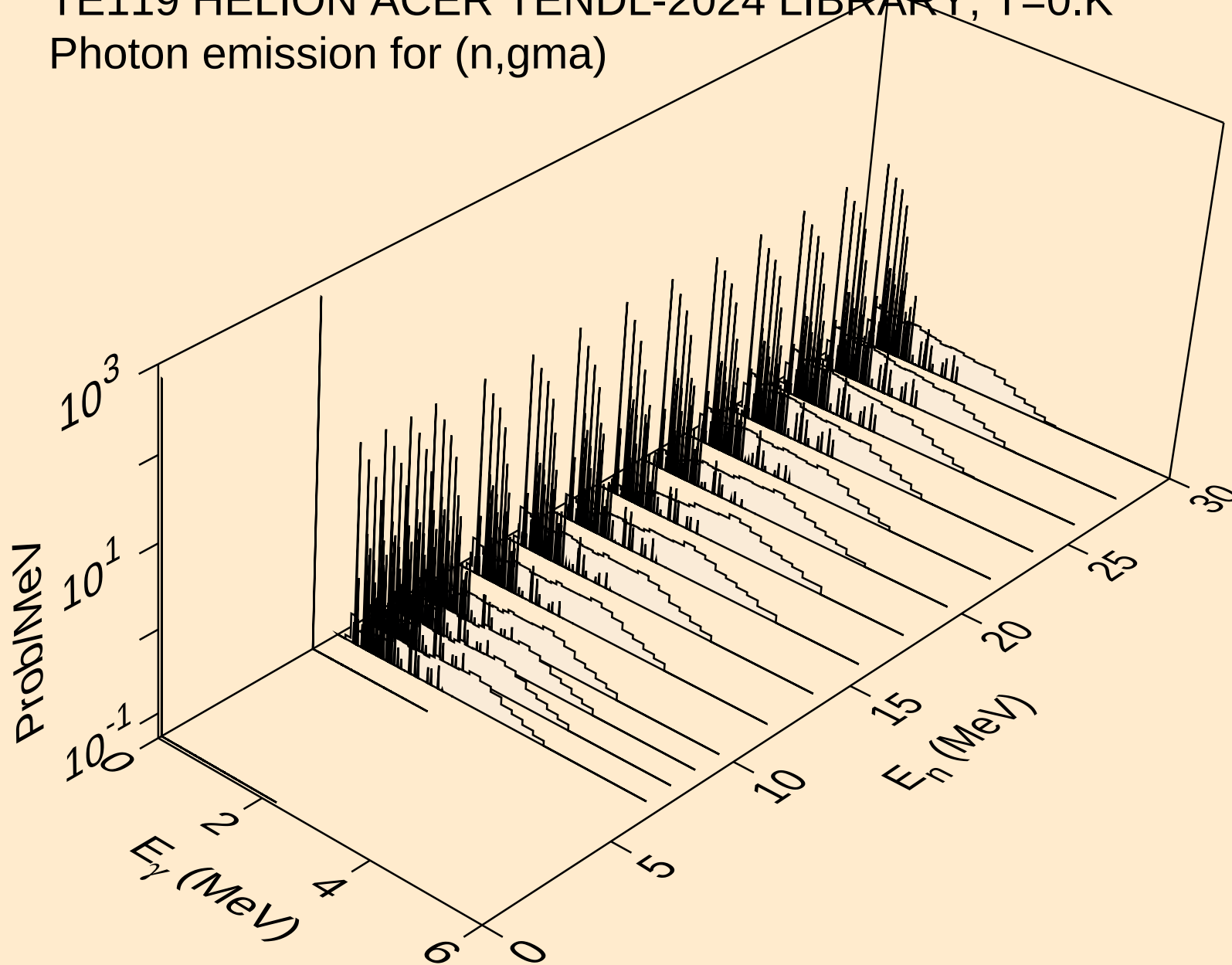
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



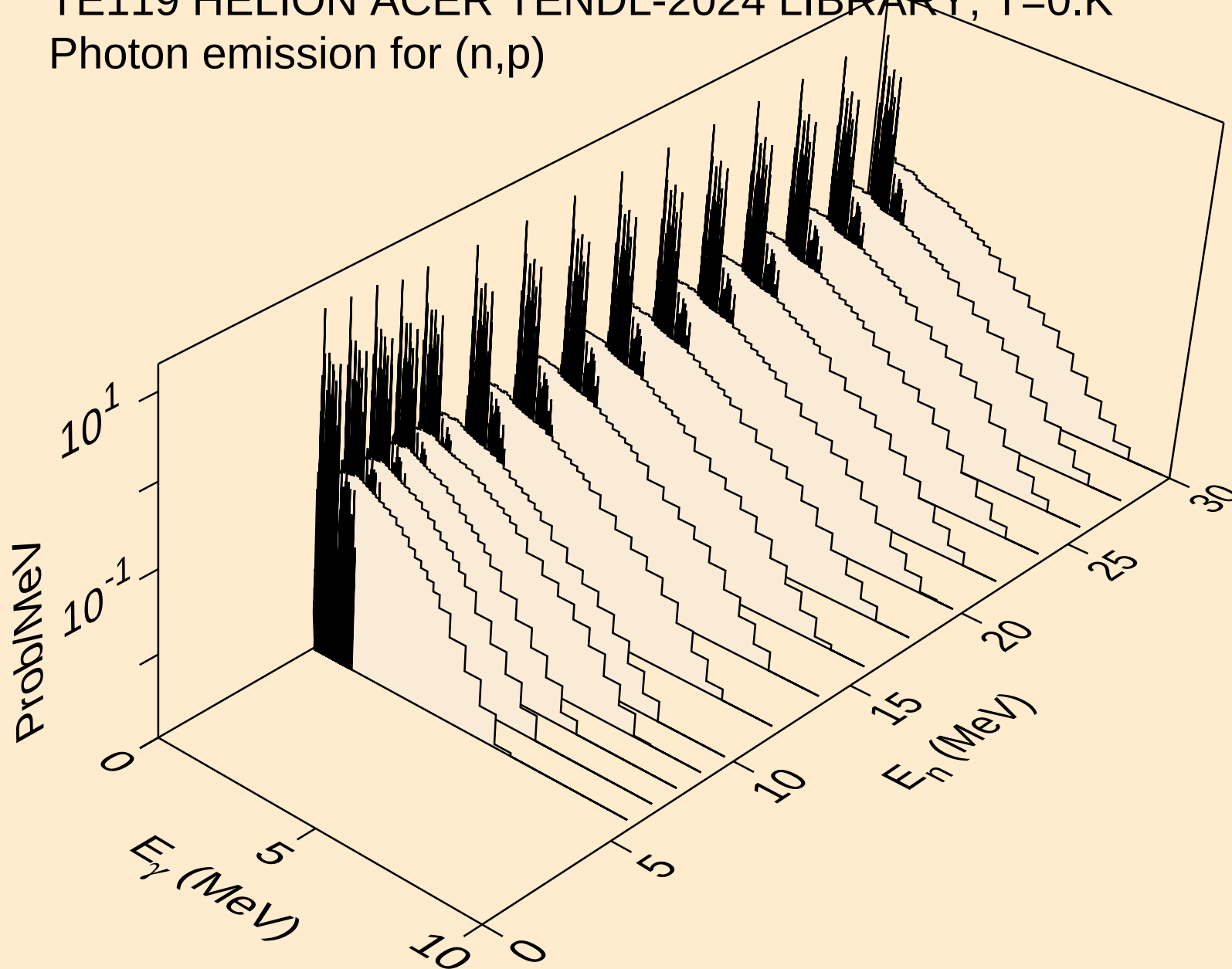
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



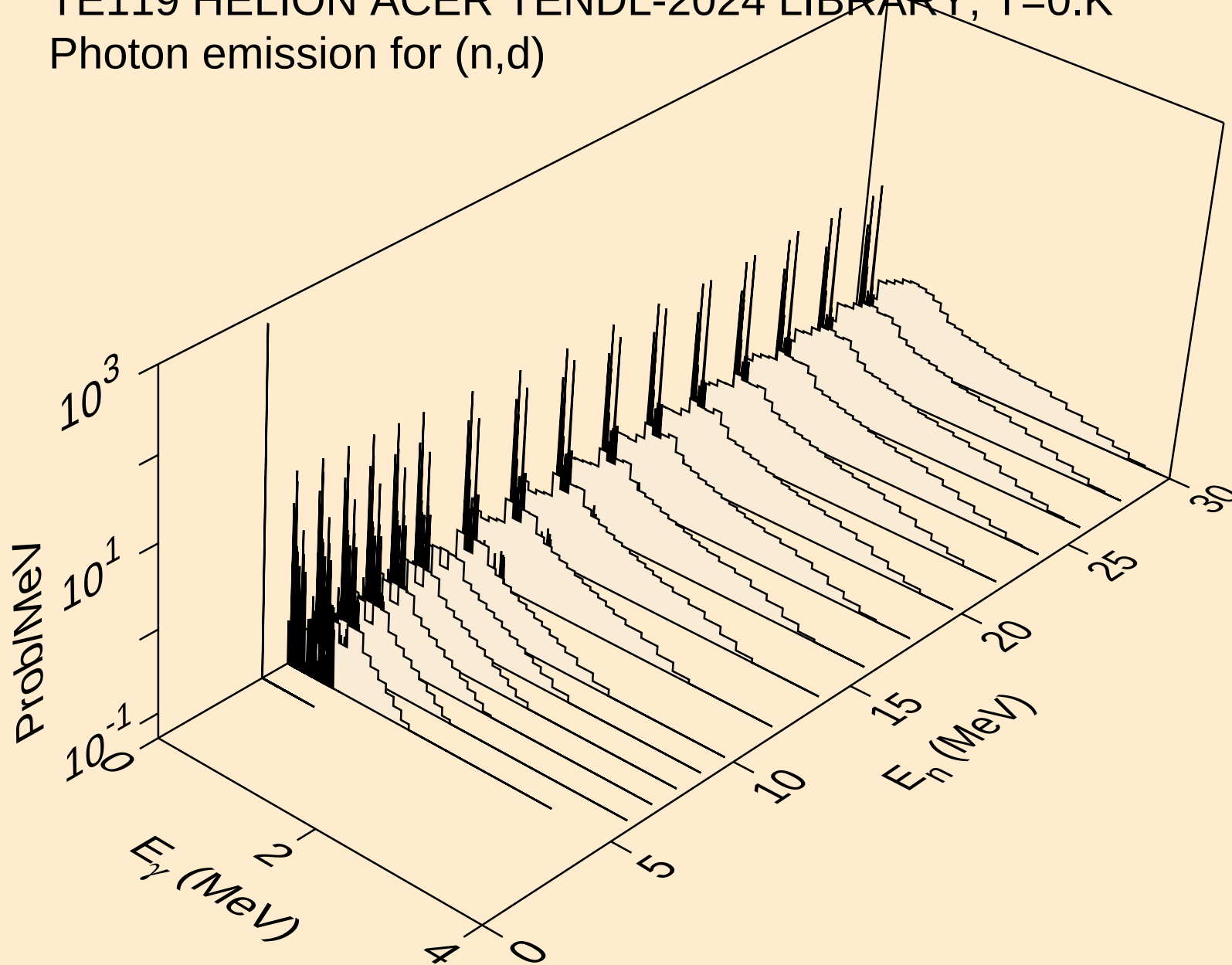
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Photon emission for (n,gma)



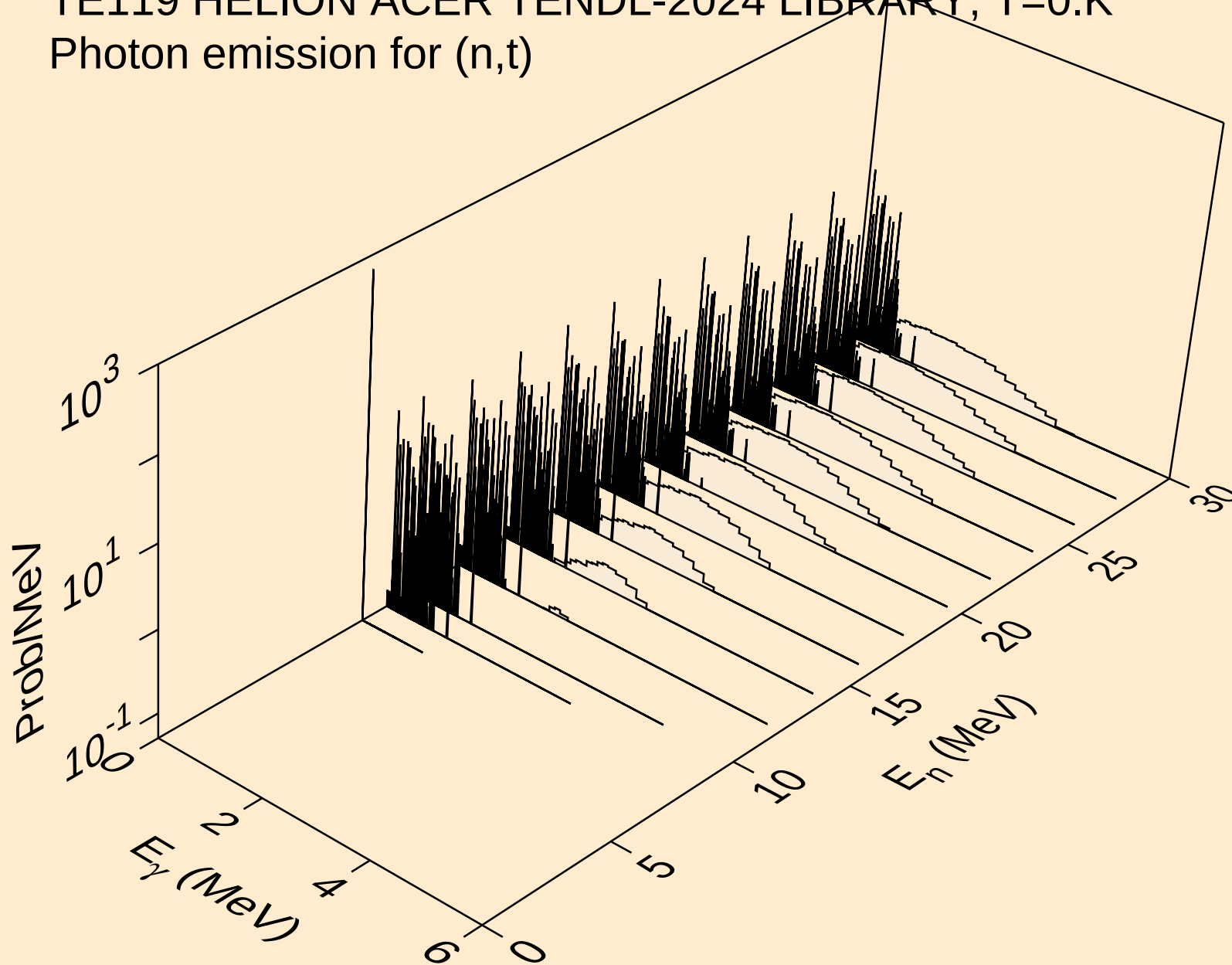
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Photon emission for (n,p)



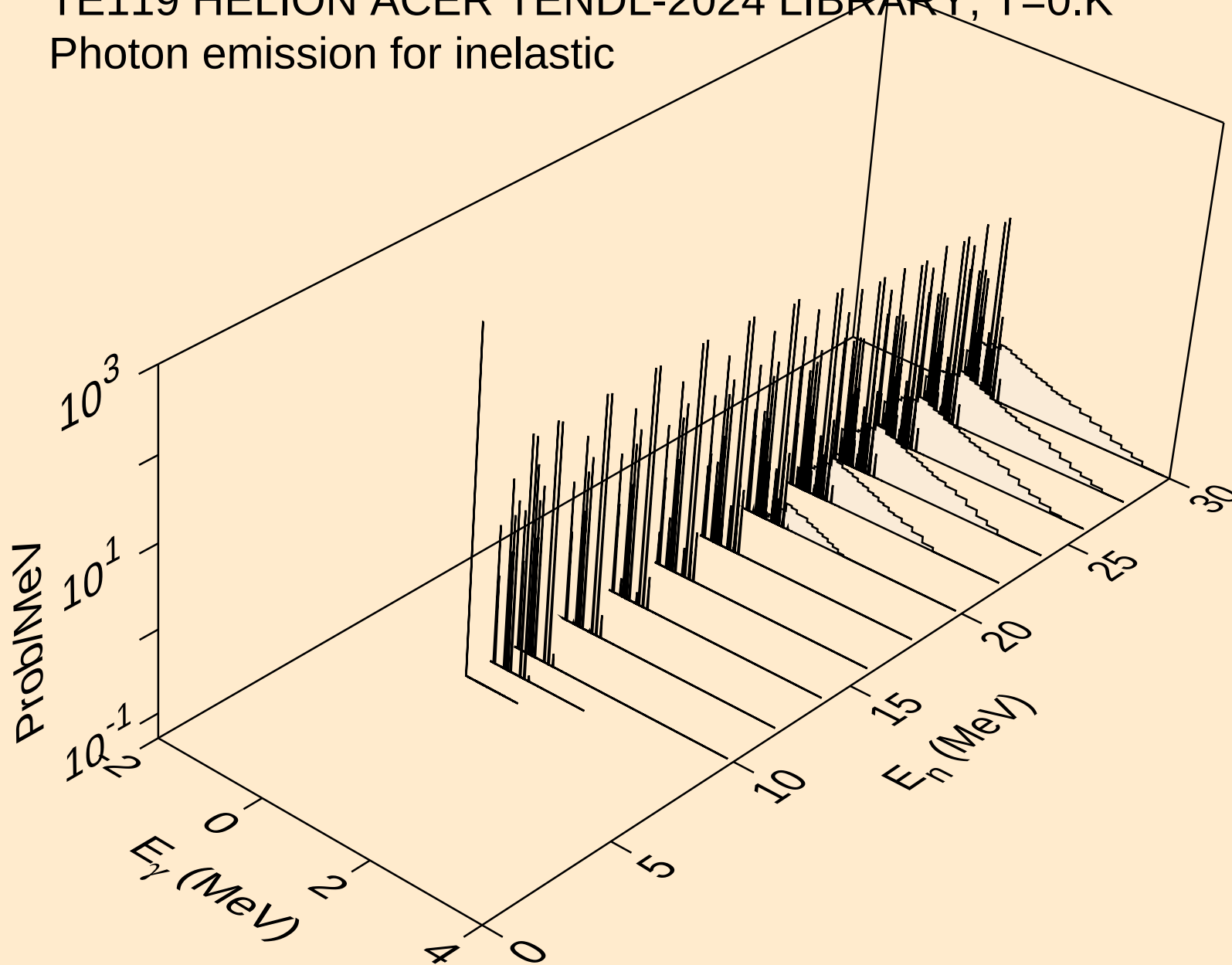
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Photon emission for (n,d)



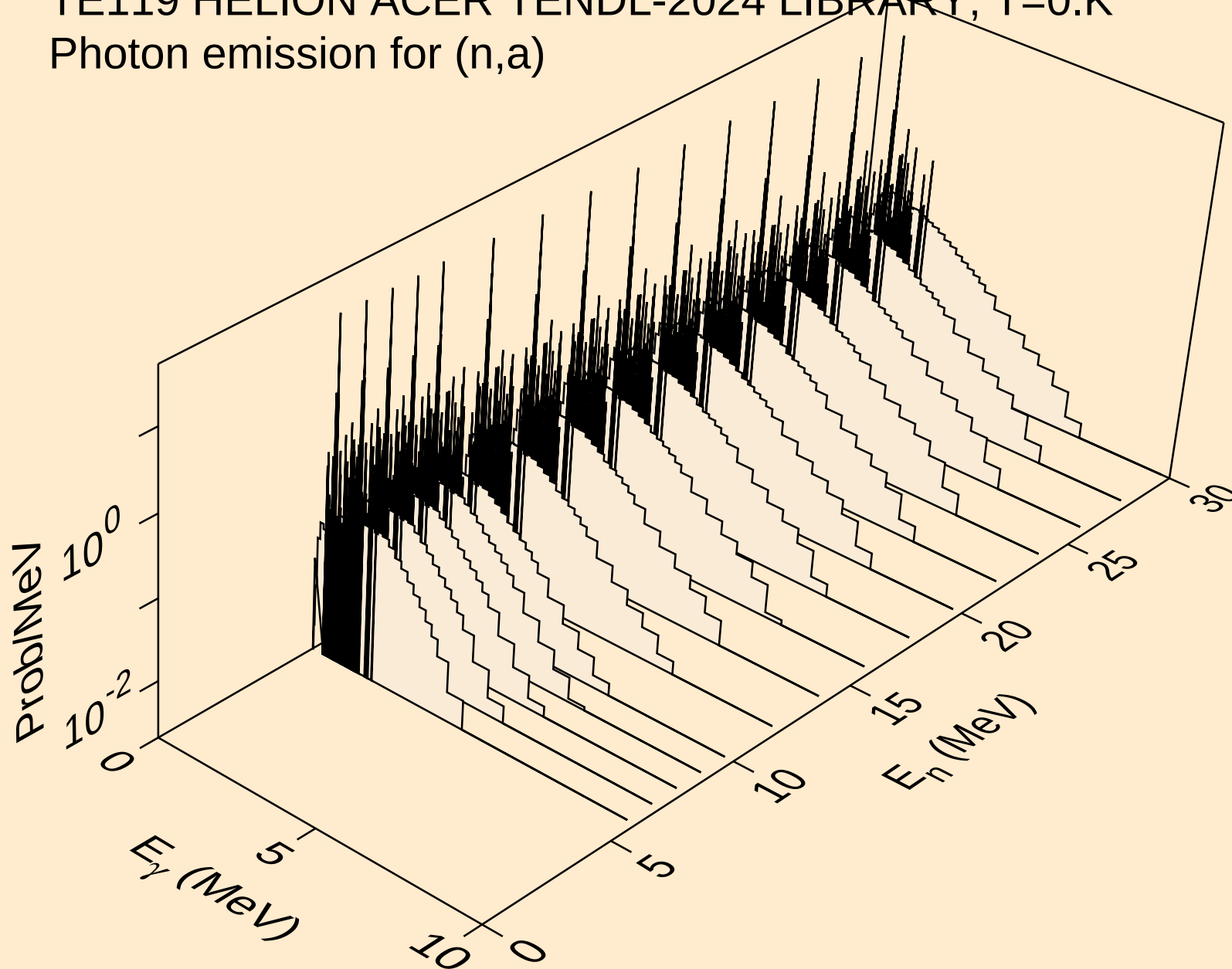
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Photon emission for (n,t)



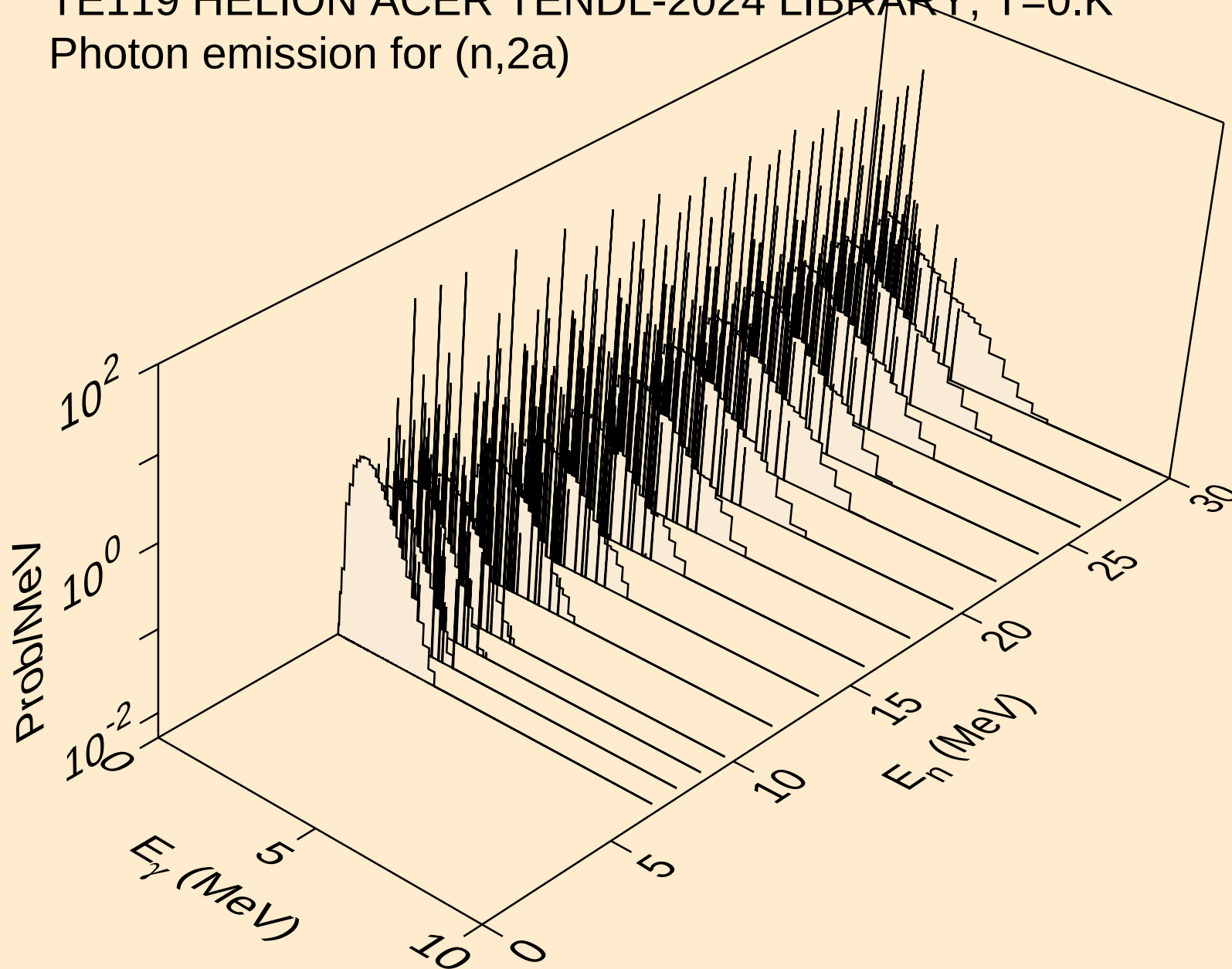
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



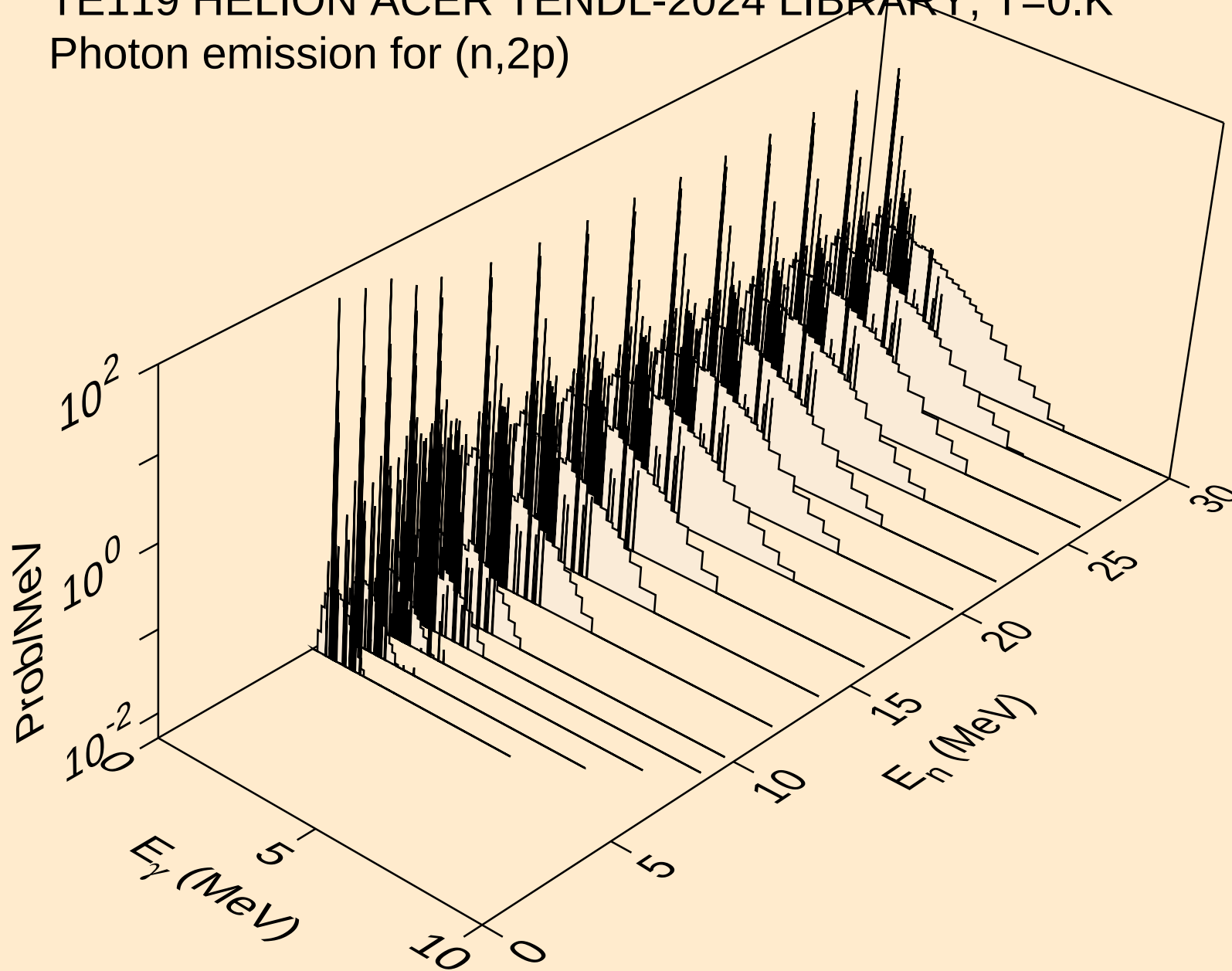
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



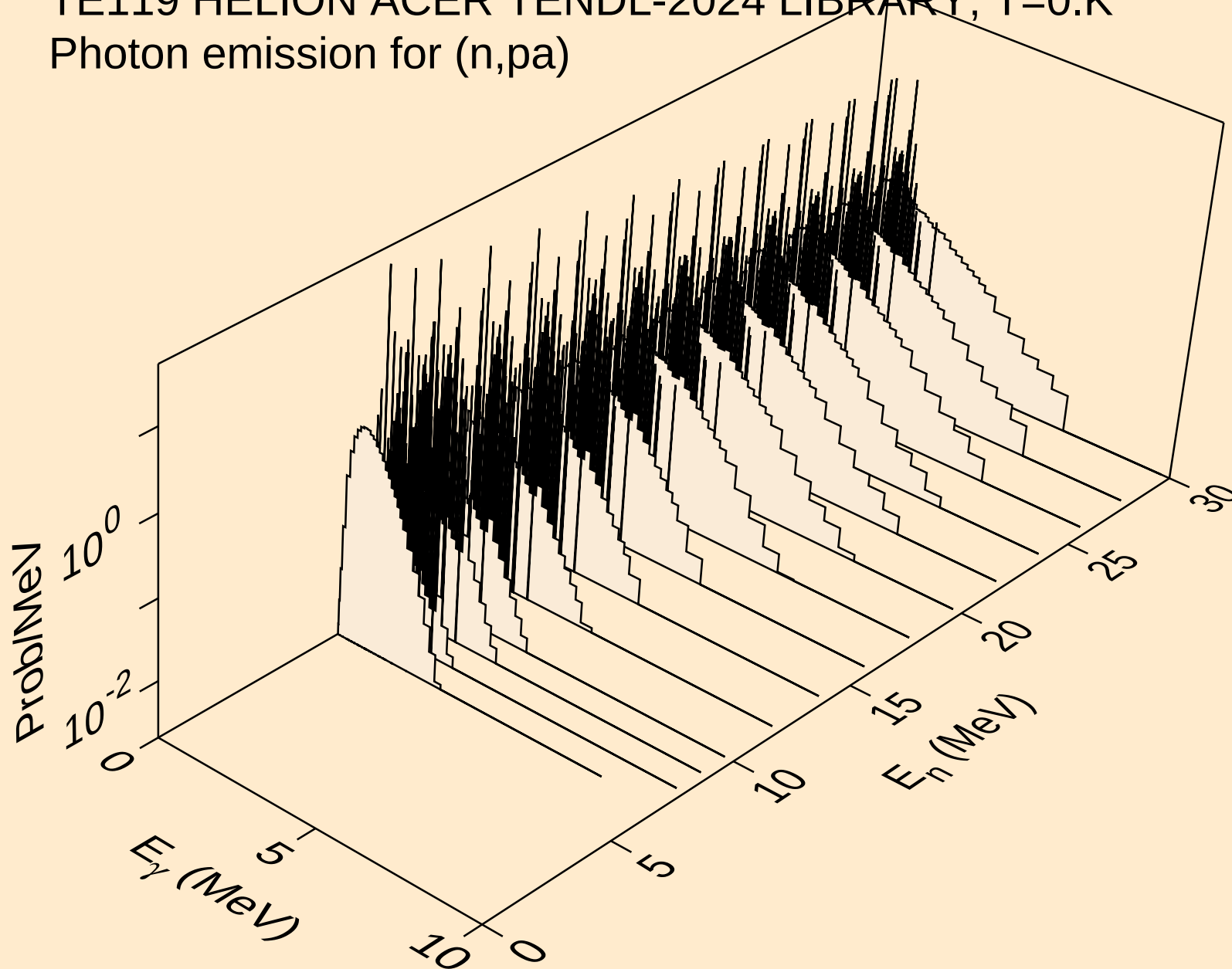
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



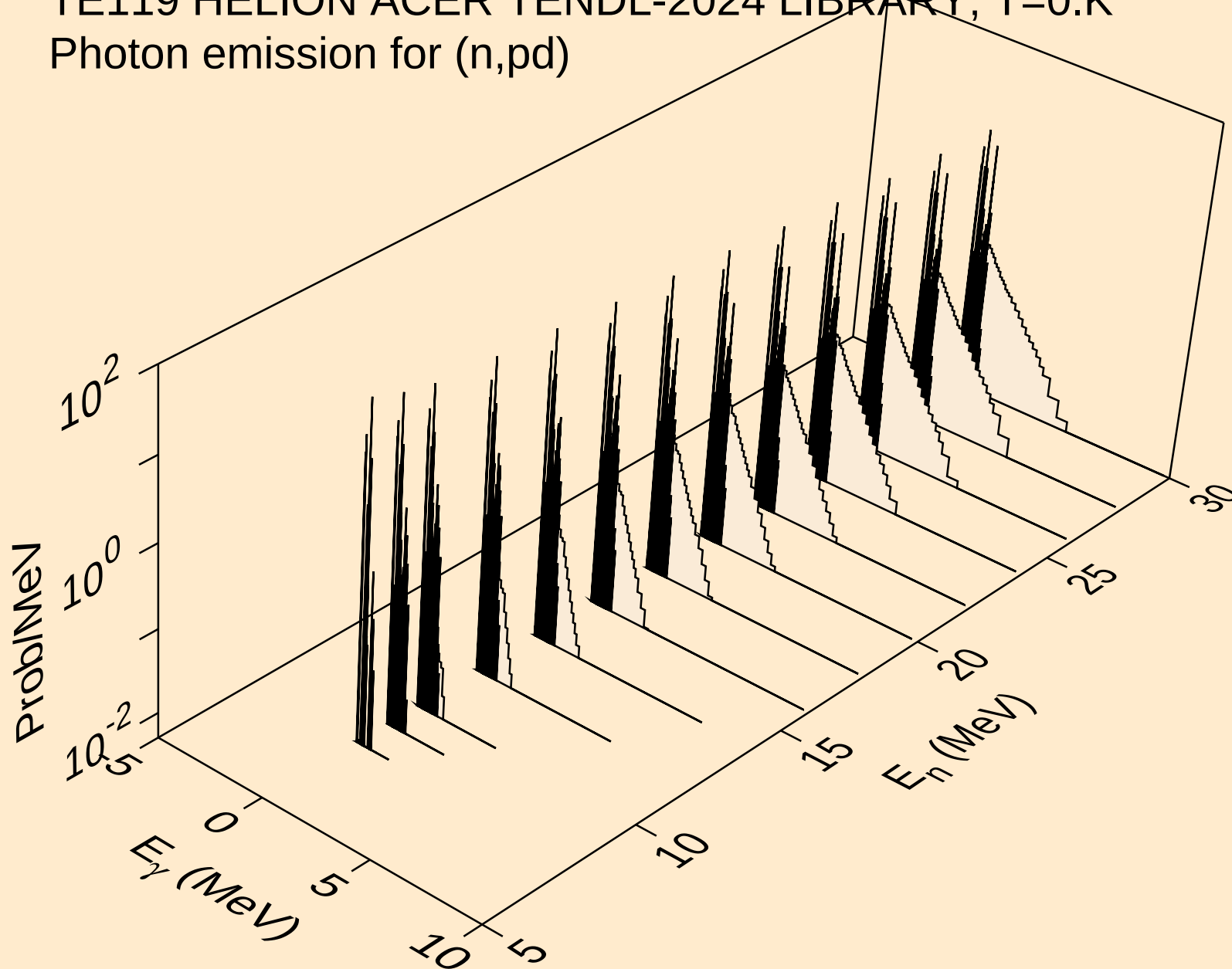
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Photon emission for (n,2p)



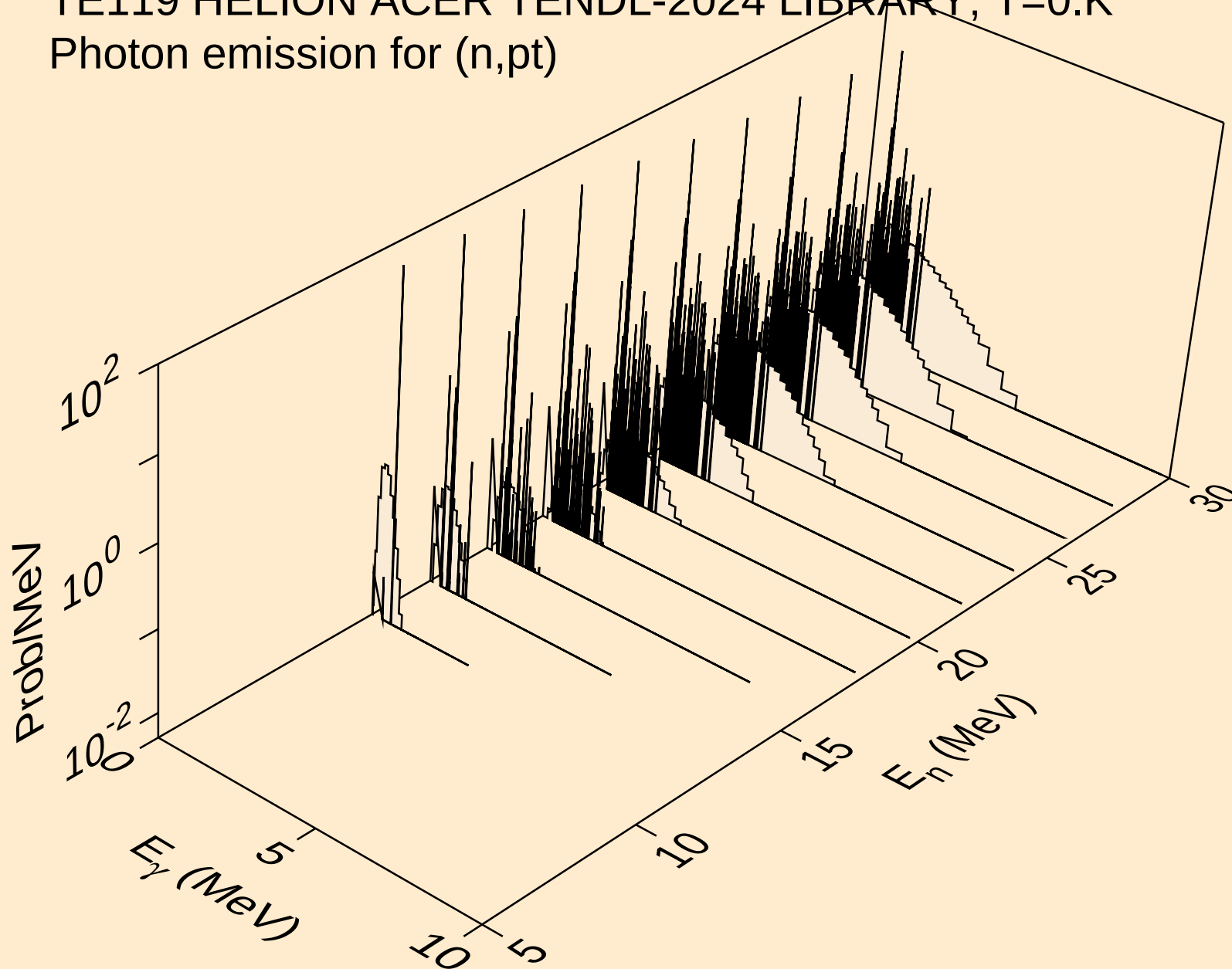
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Photon emission for (n,pa)



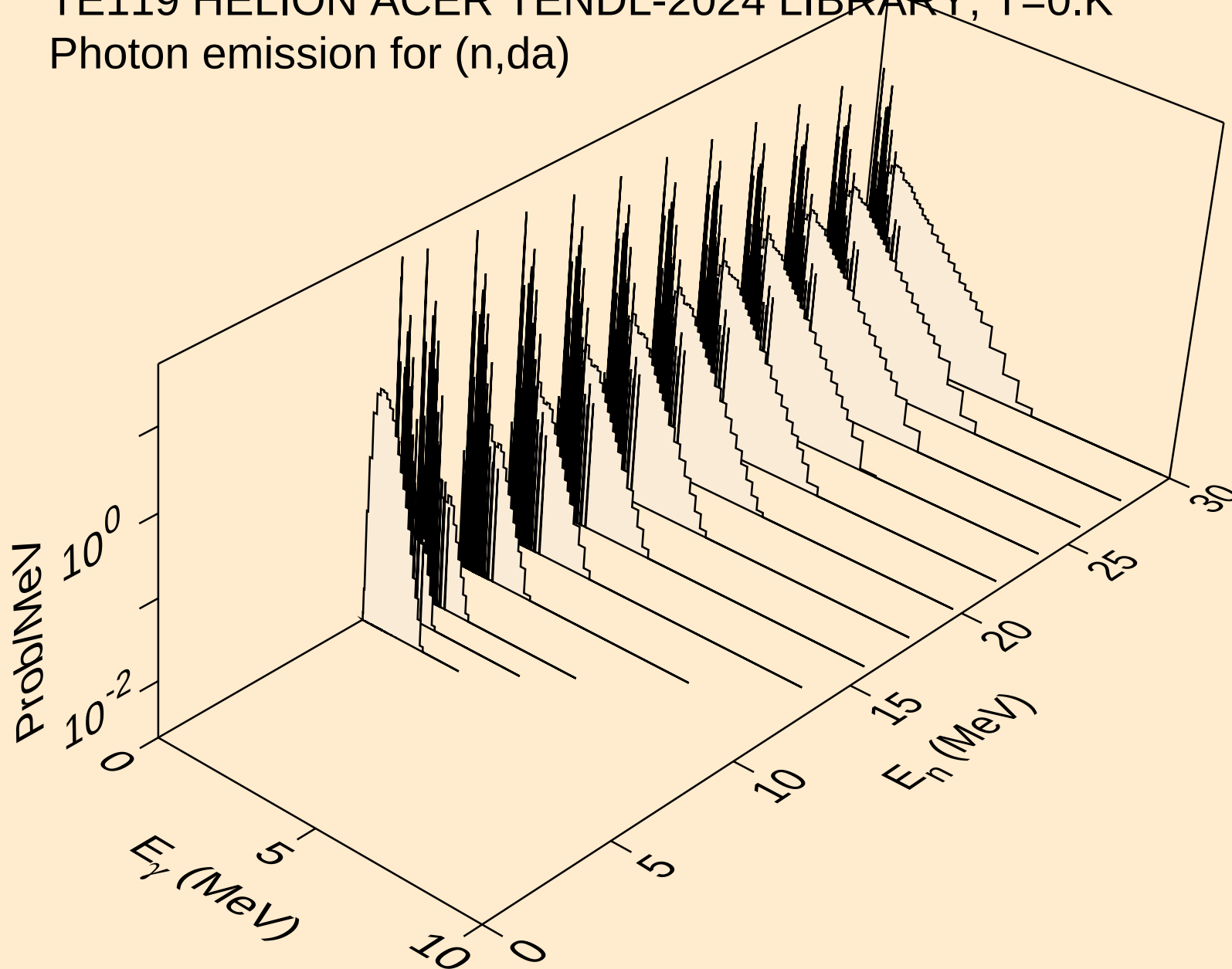
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)

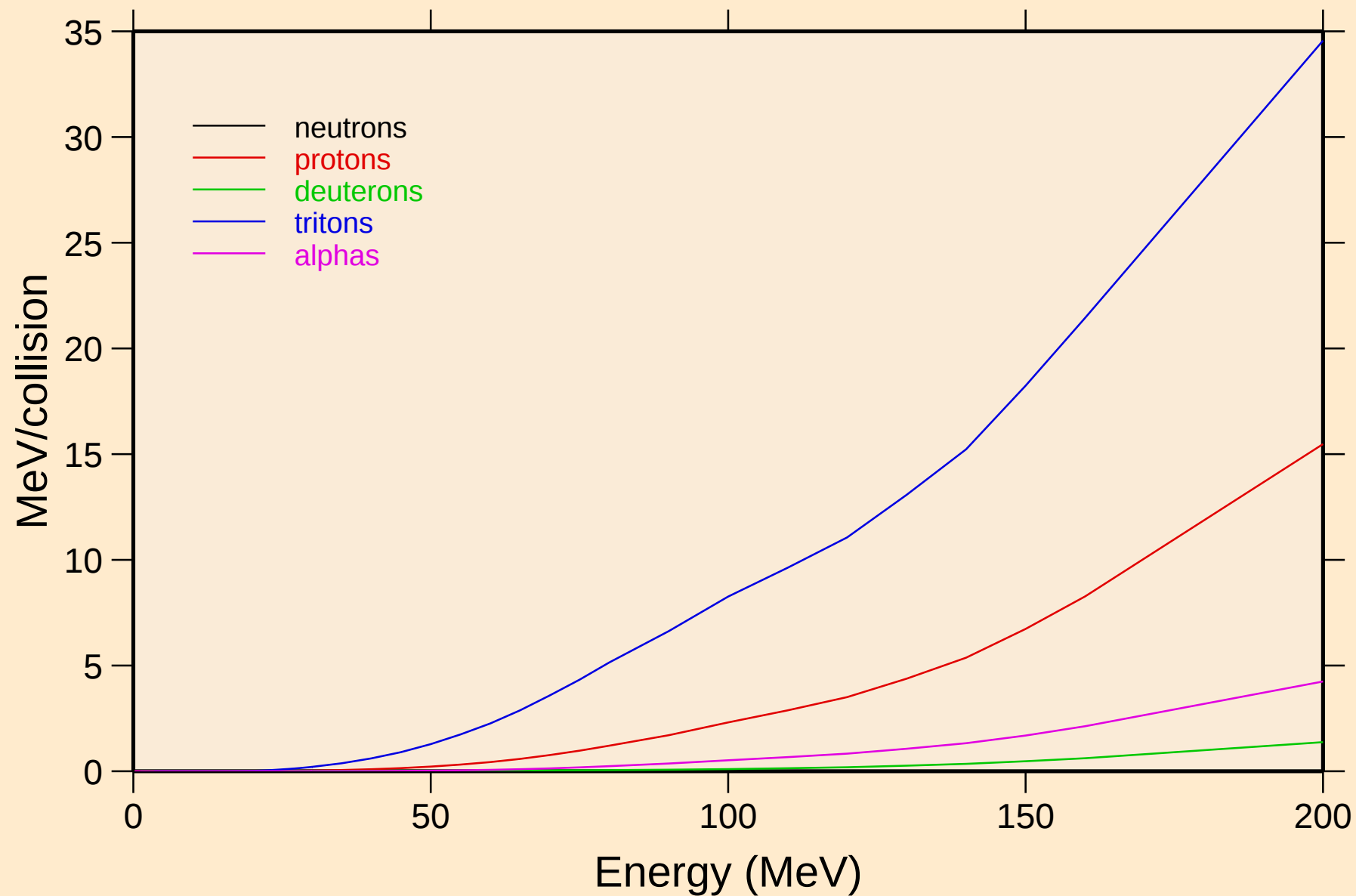


TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



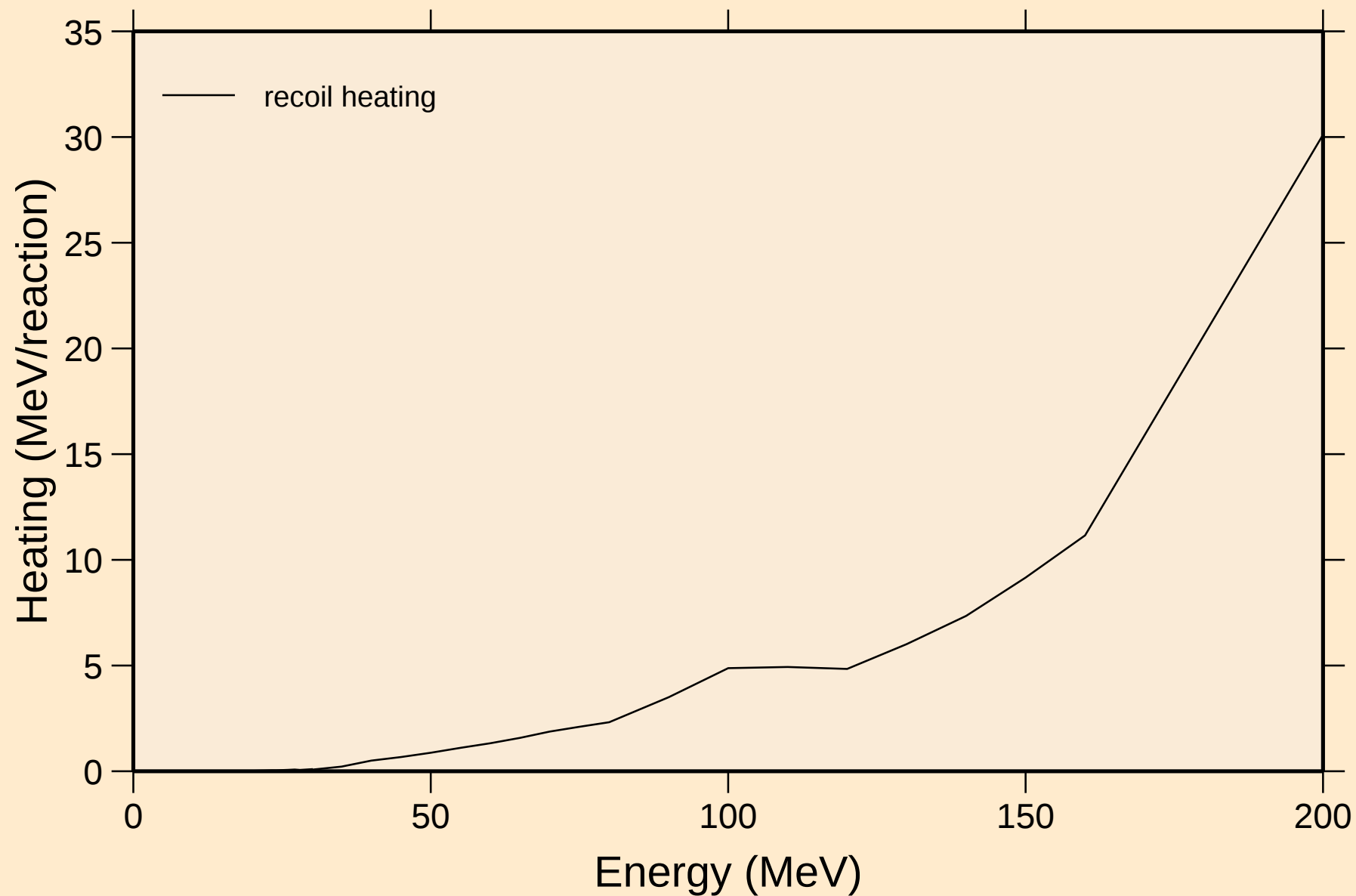
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



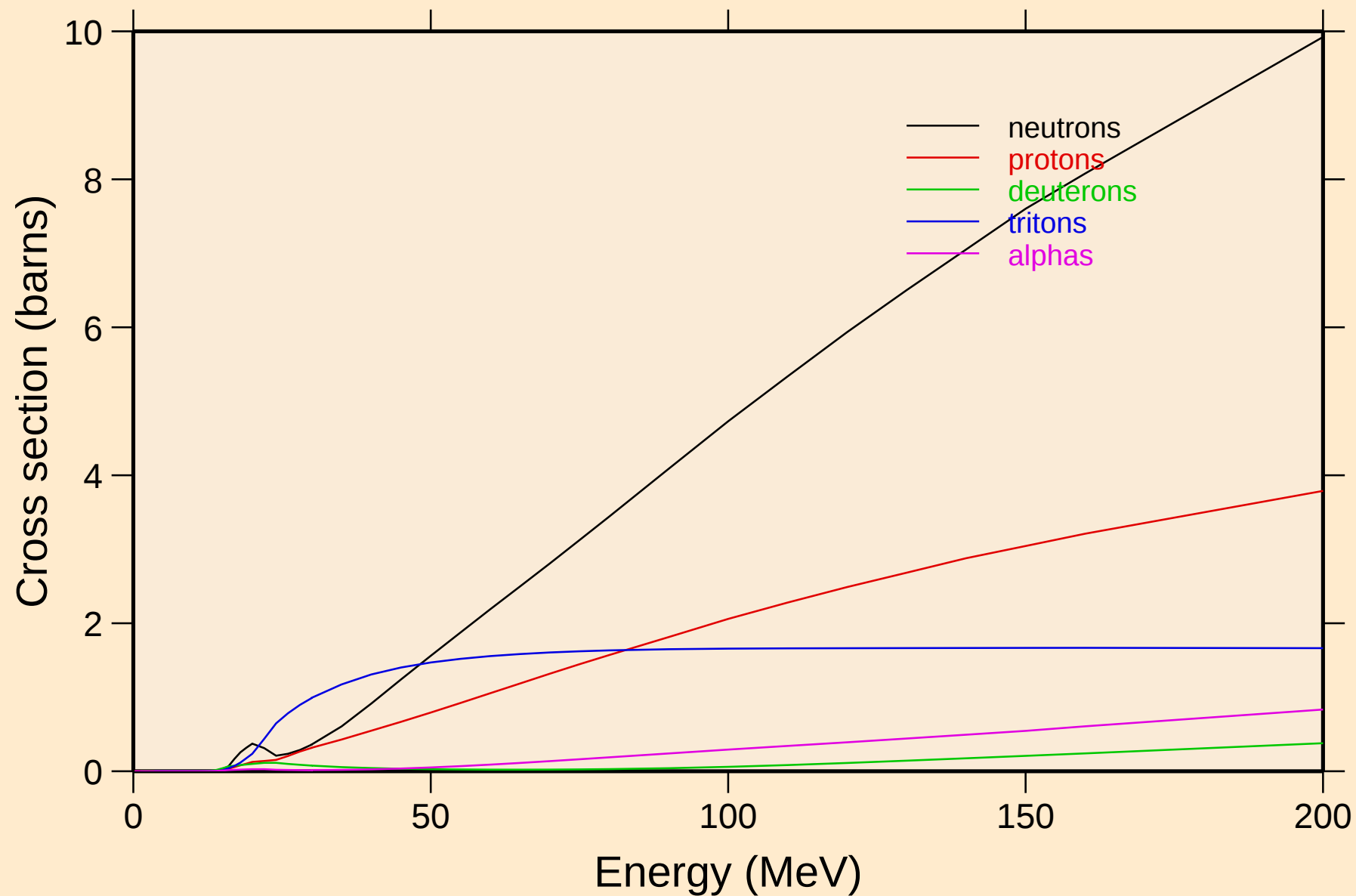
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

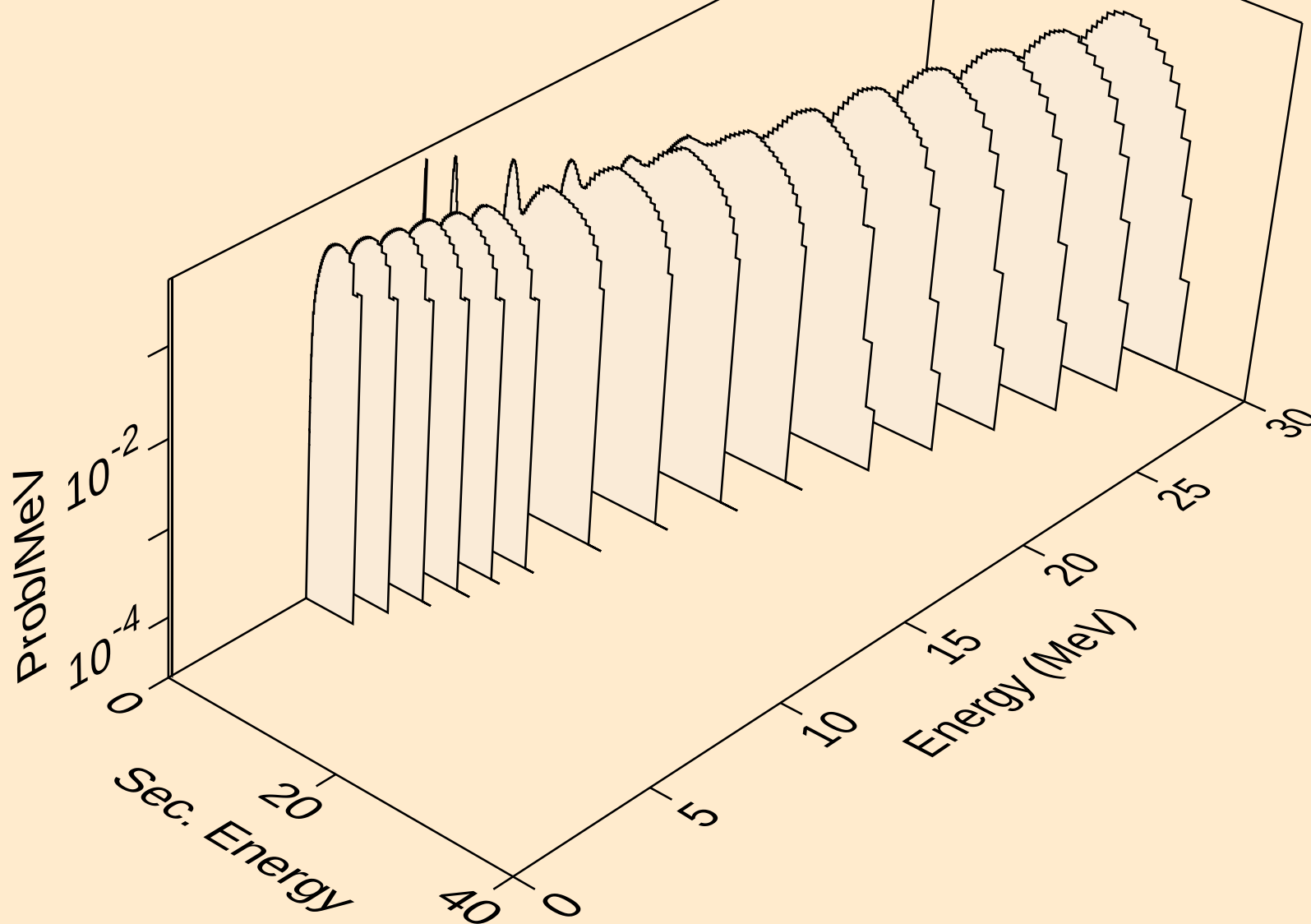


TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K

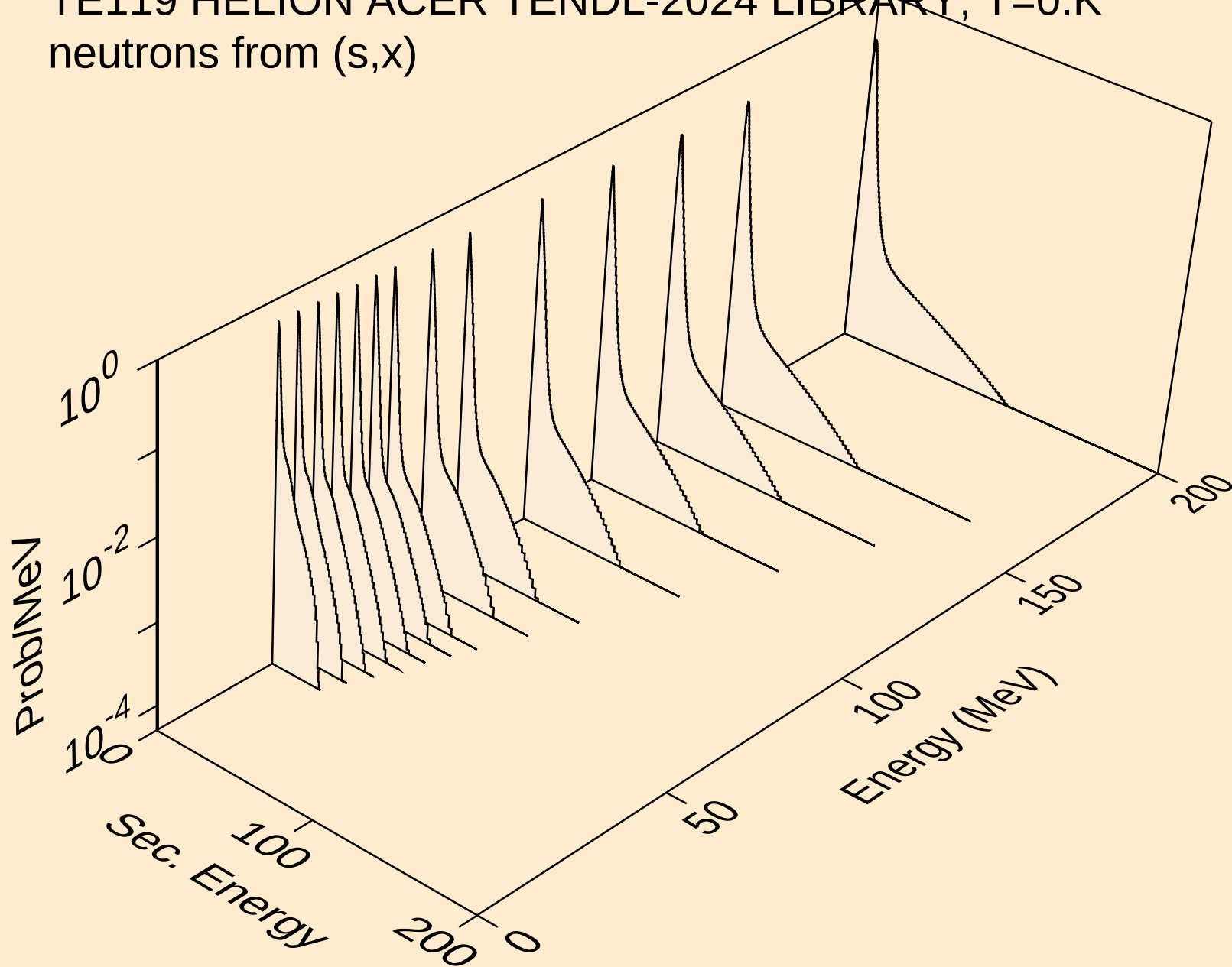
Particle production cross sections



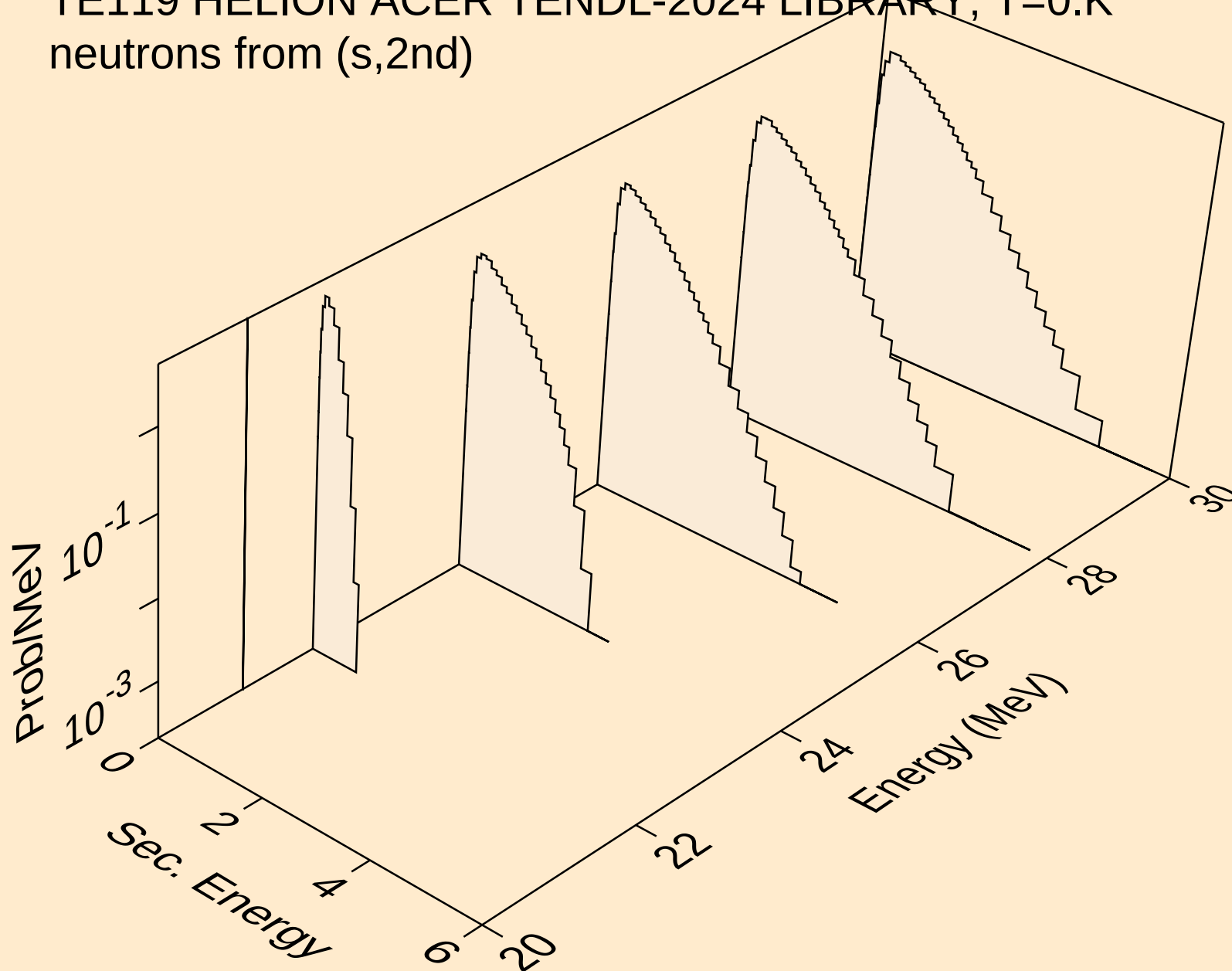
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n)



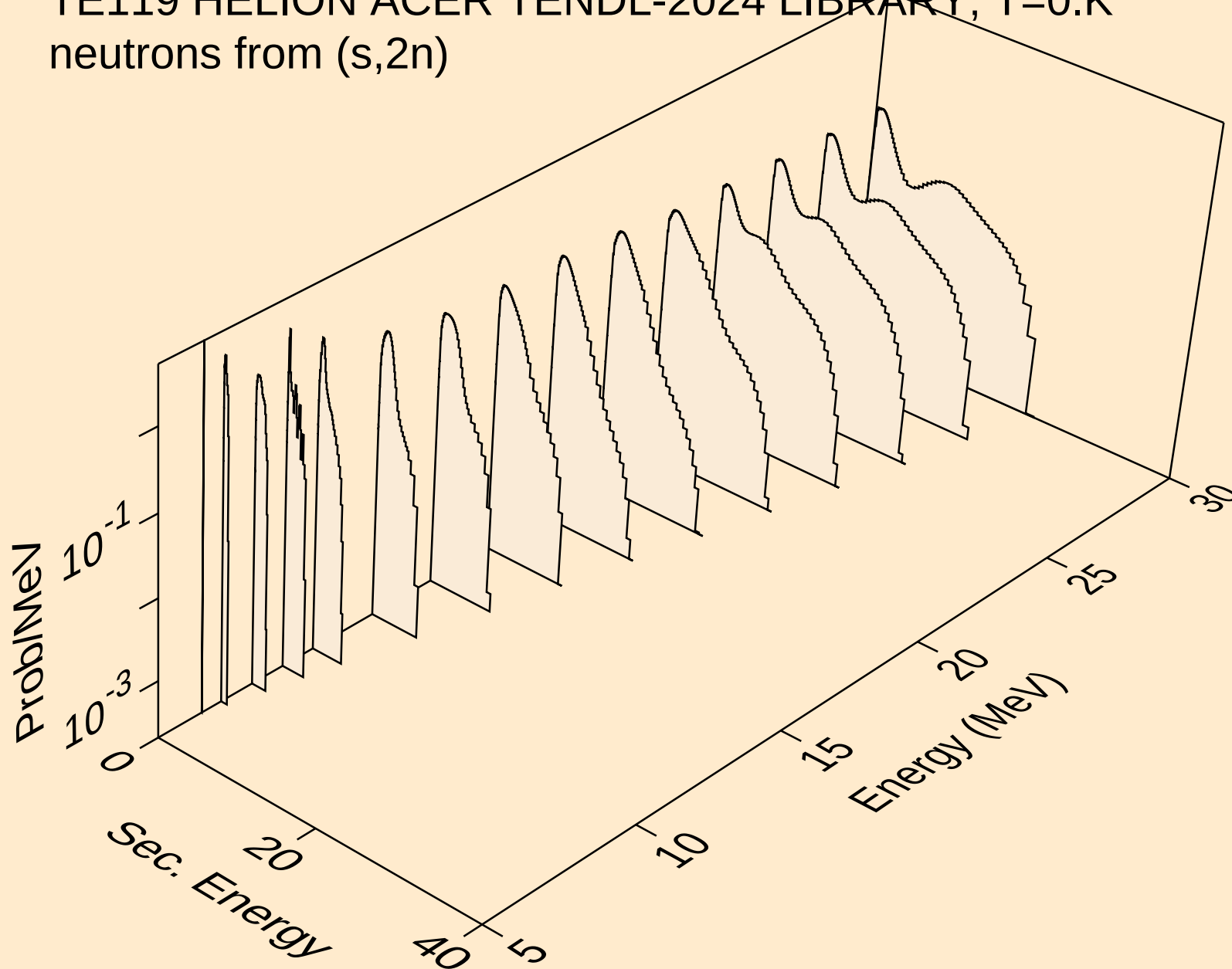
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,x)



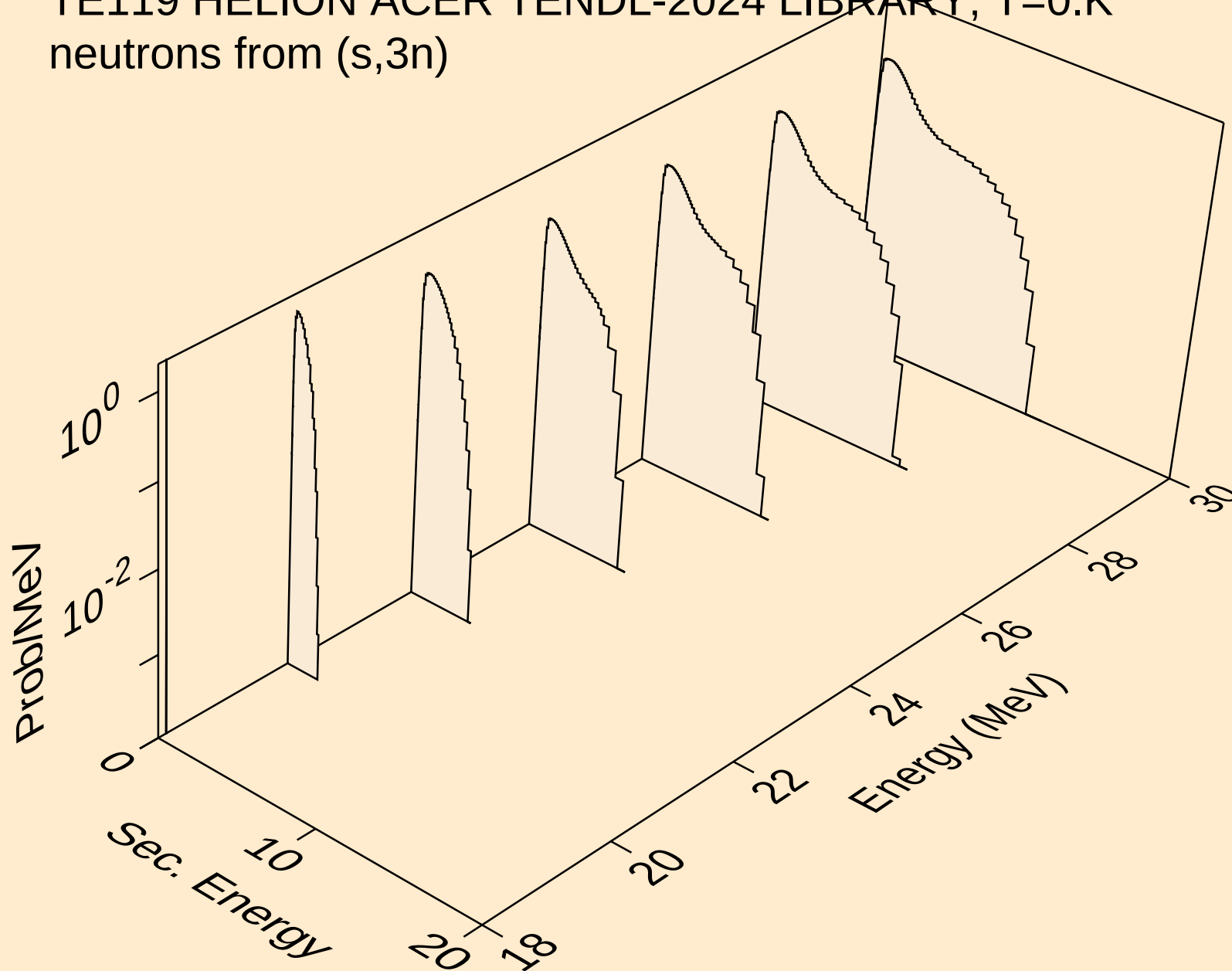
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2nd)



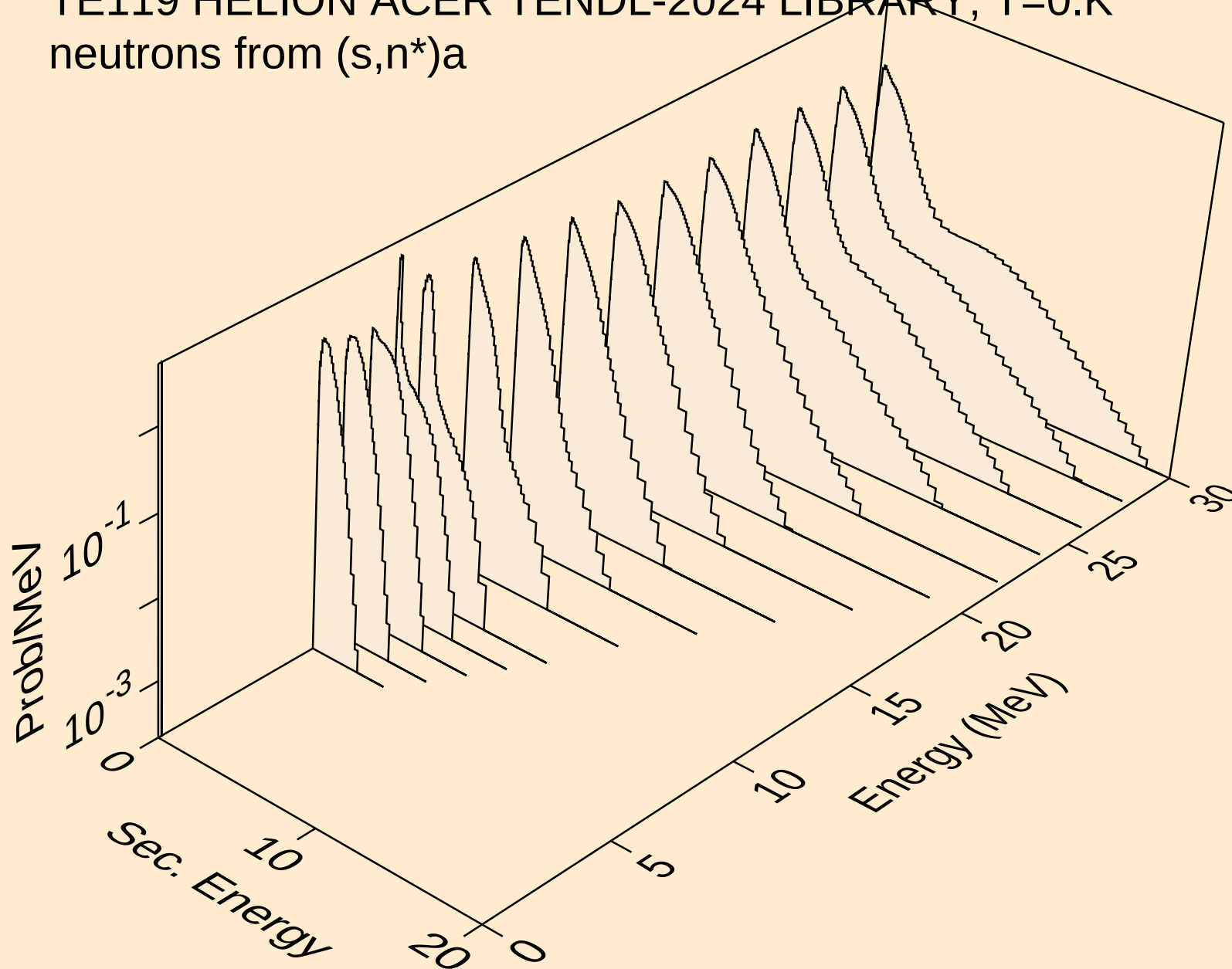
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)



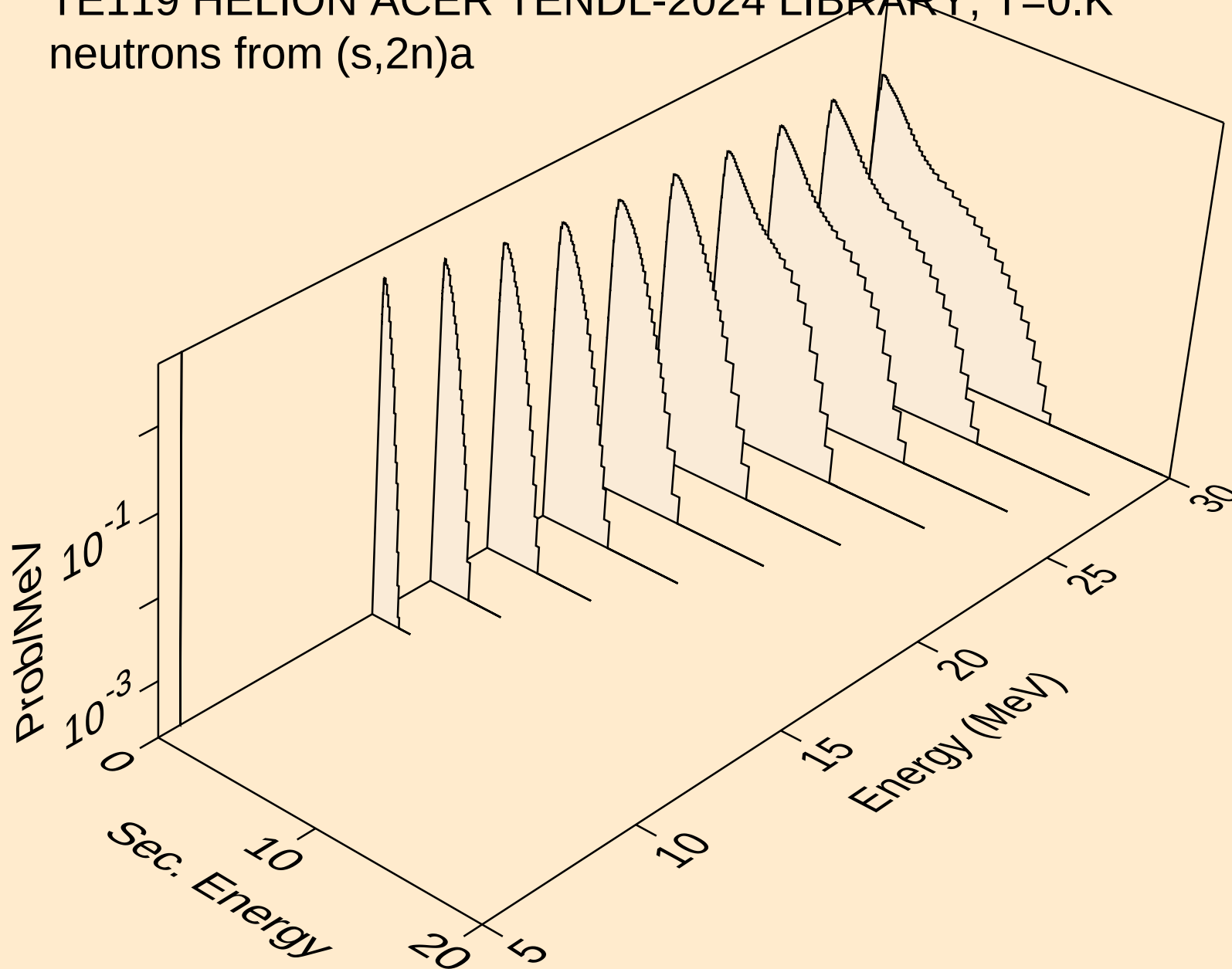
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3n)



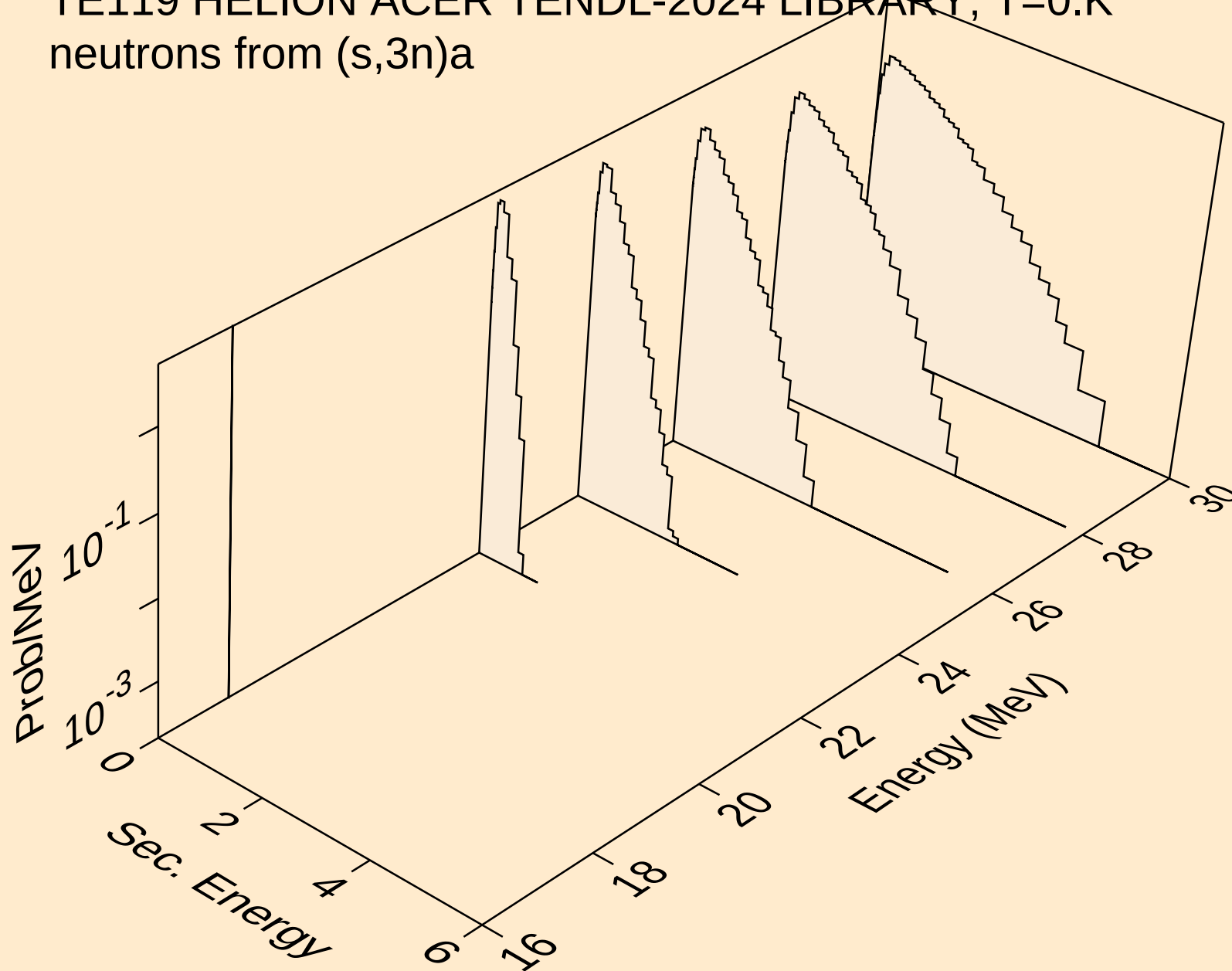
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)a



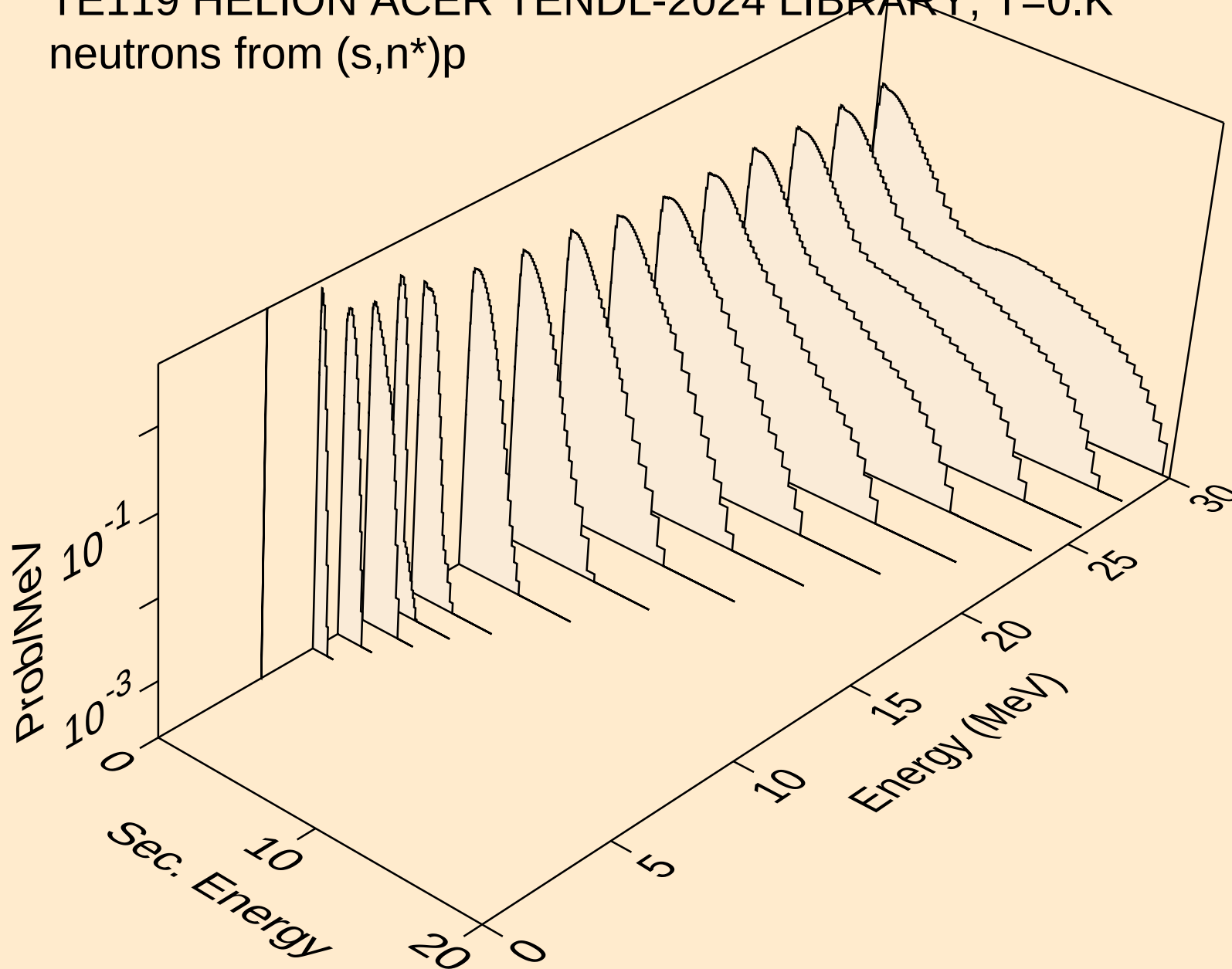
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)a



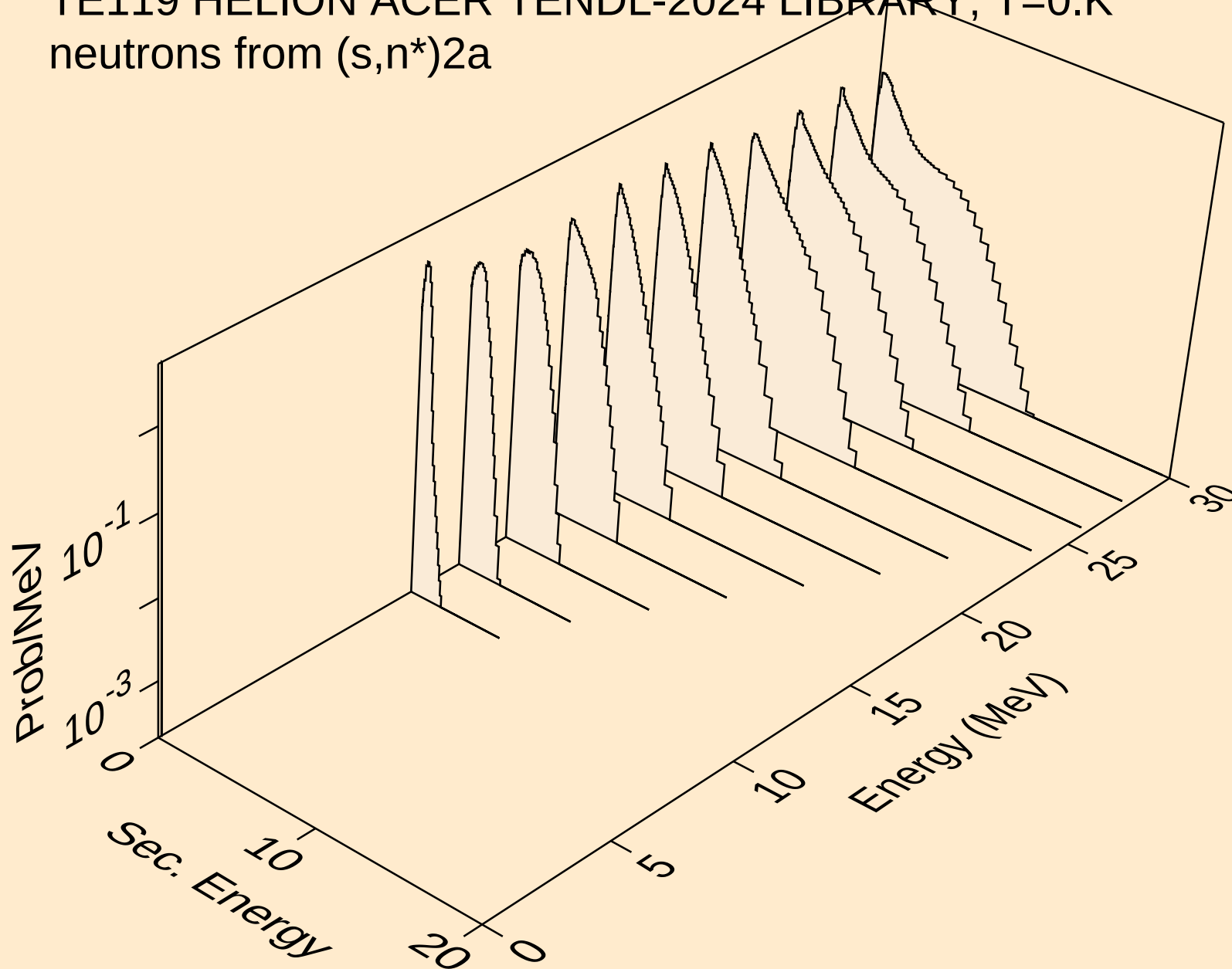
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3n)a



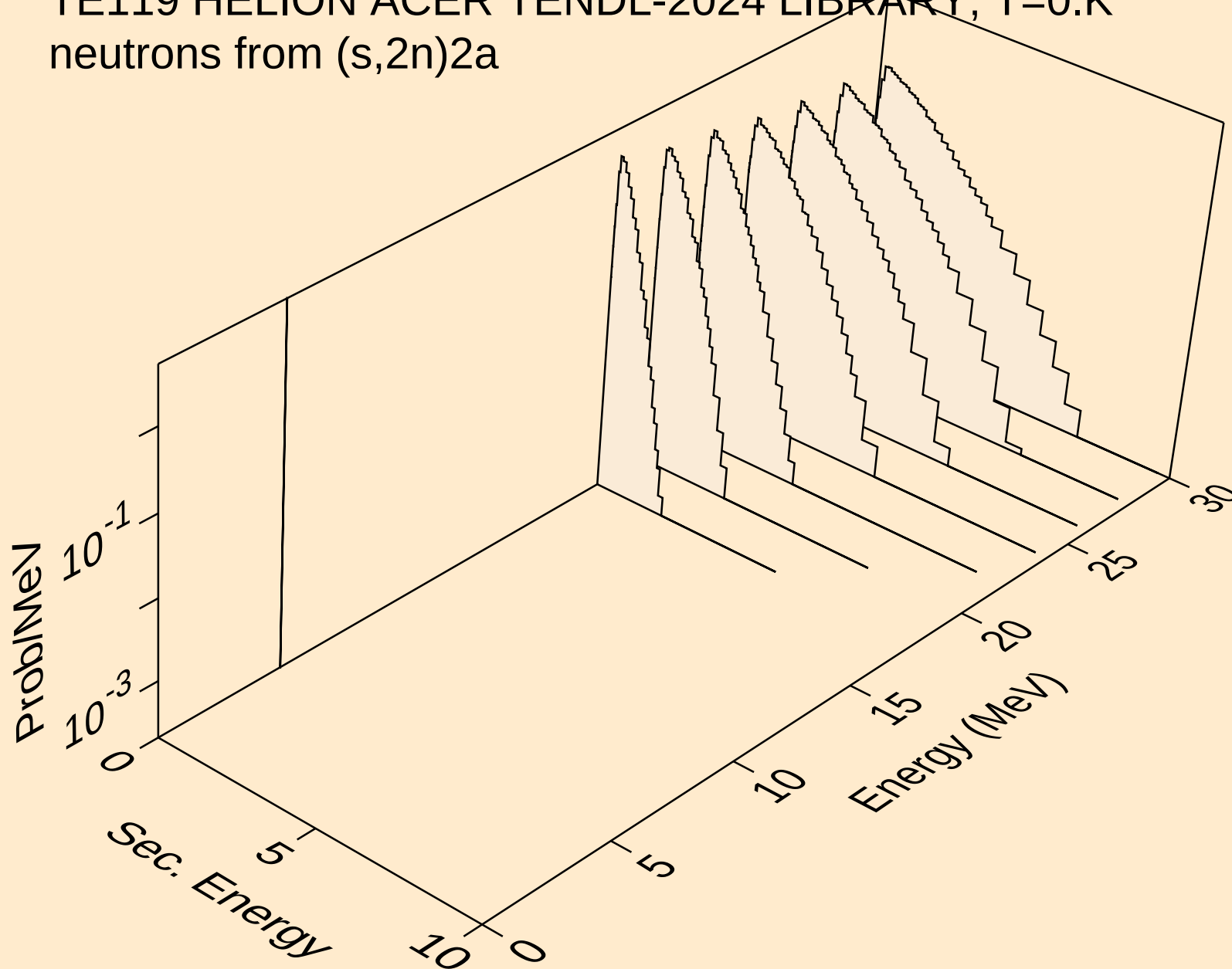
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)p



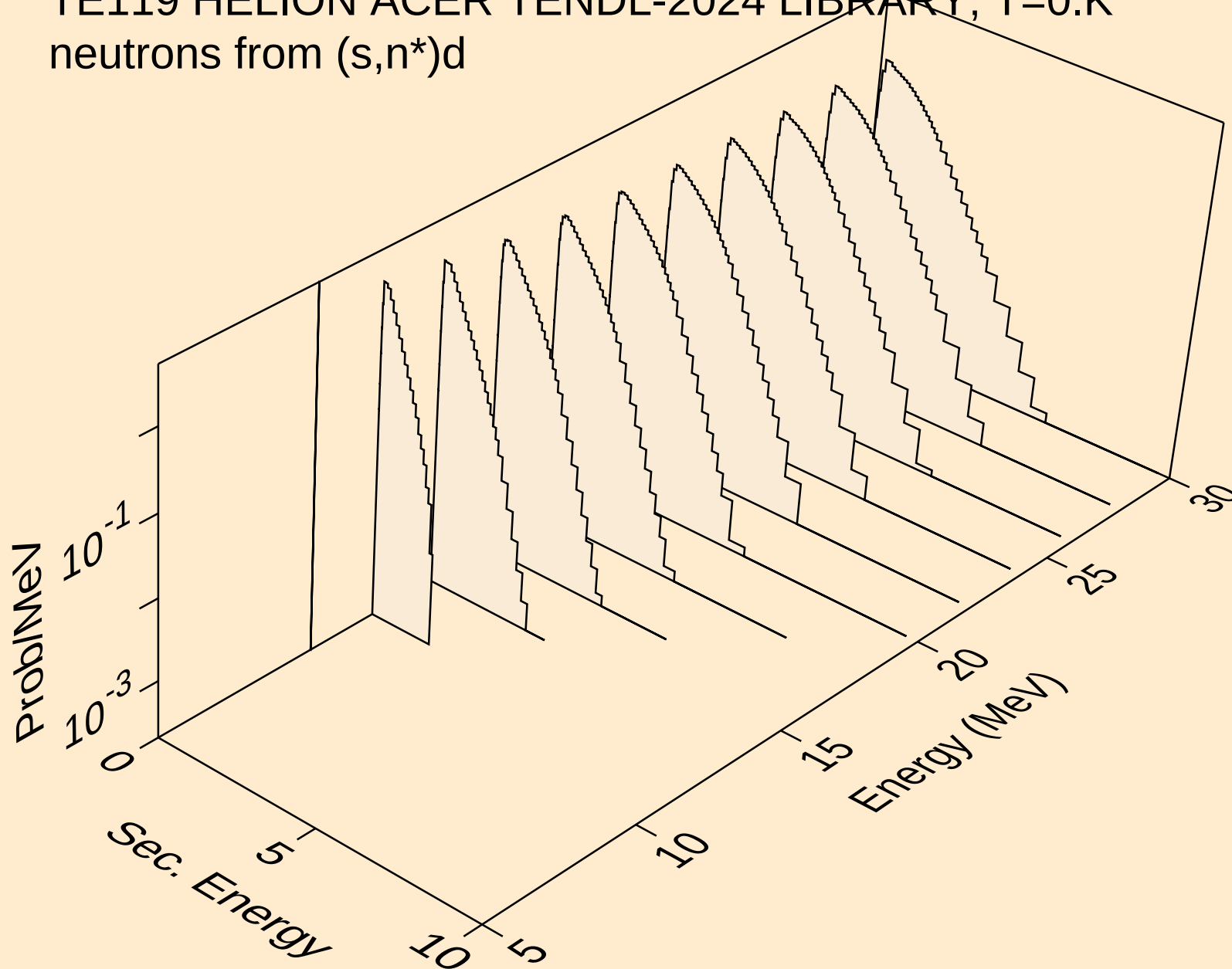
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neutrons from (s,n*)2a



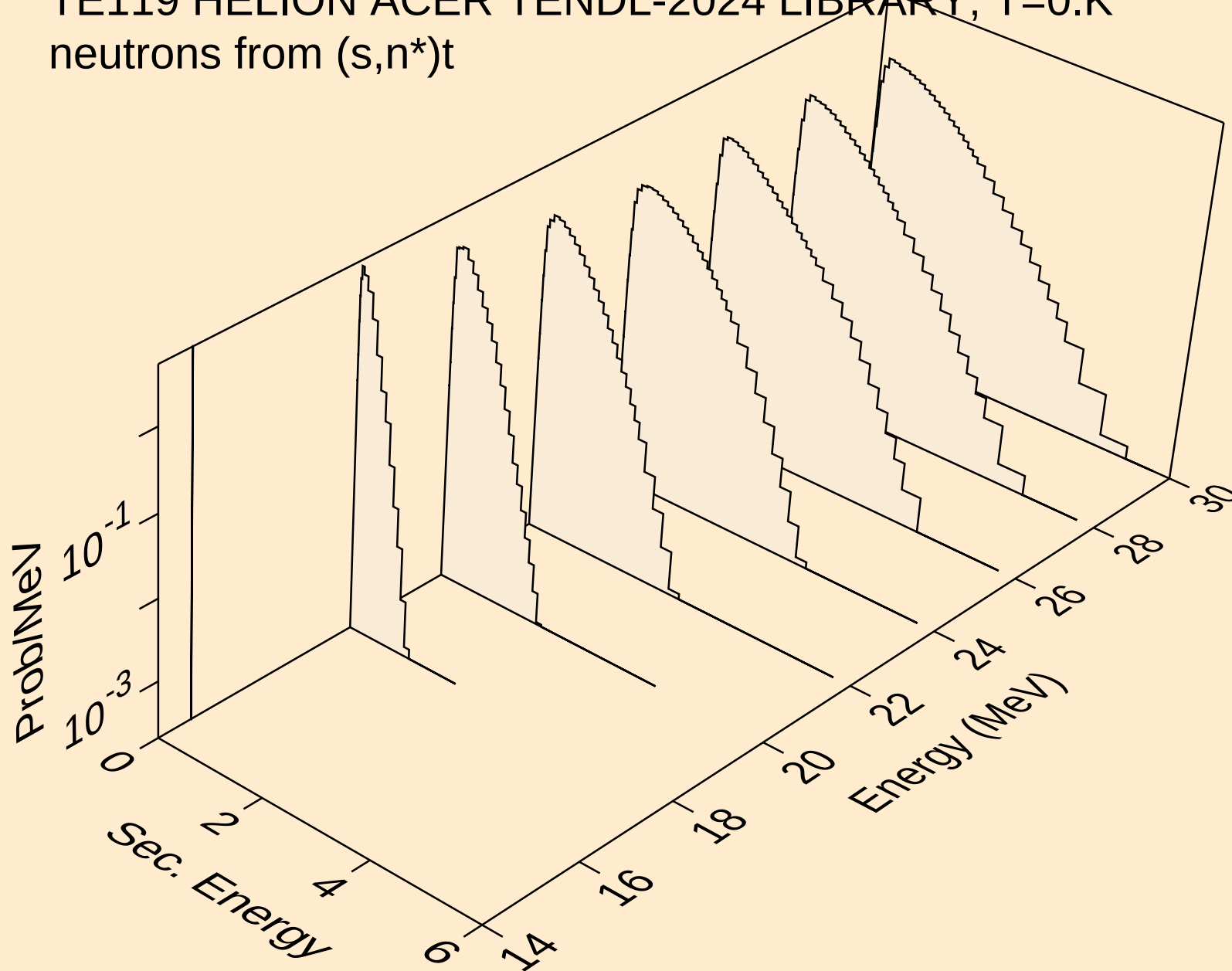
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neutrons from (s,2n)2a



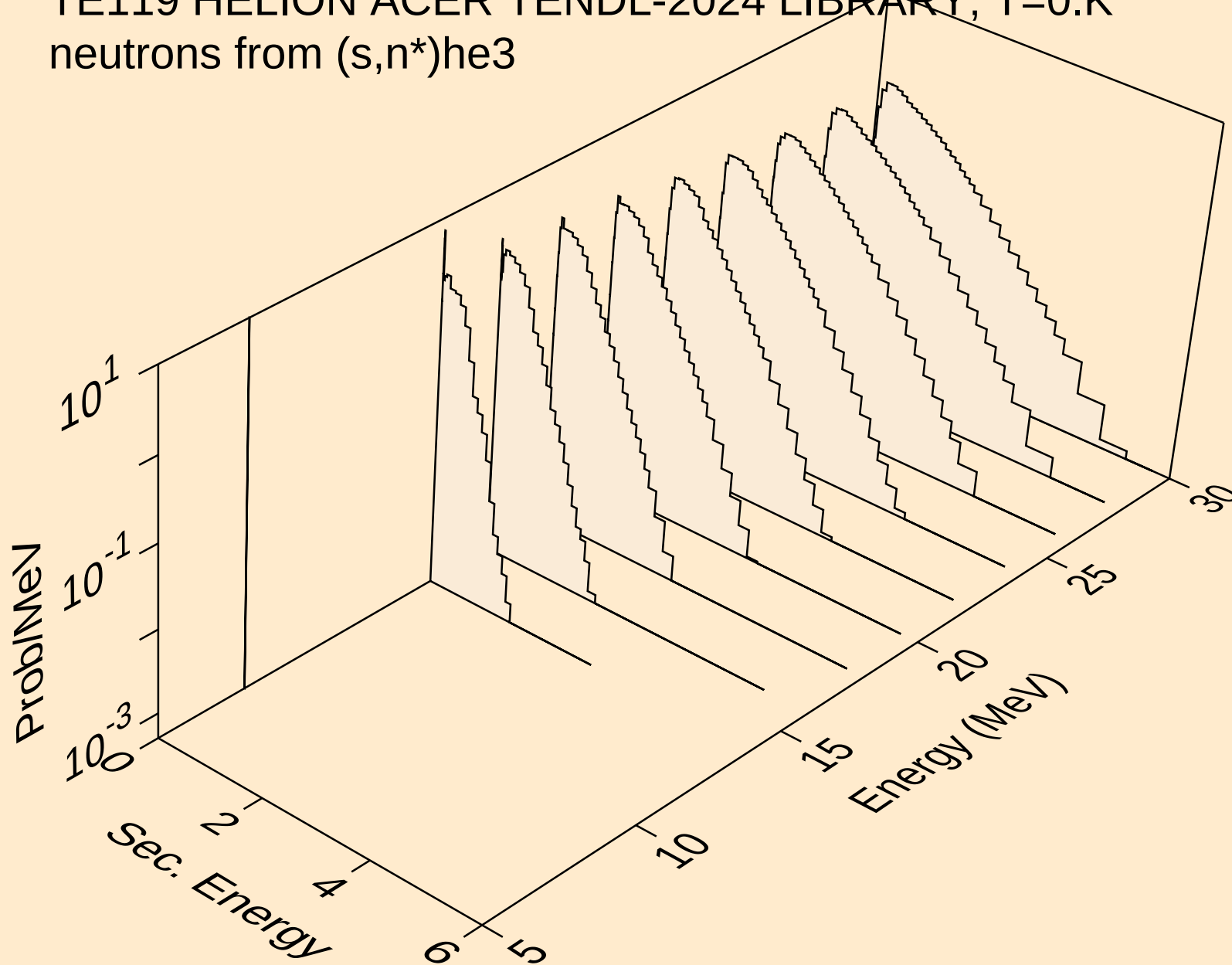
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neutrons from (s,n*)d



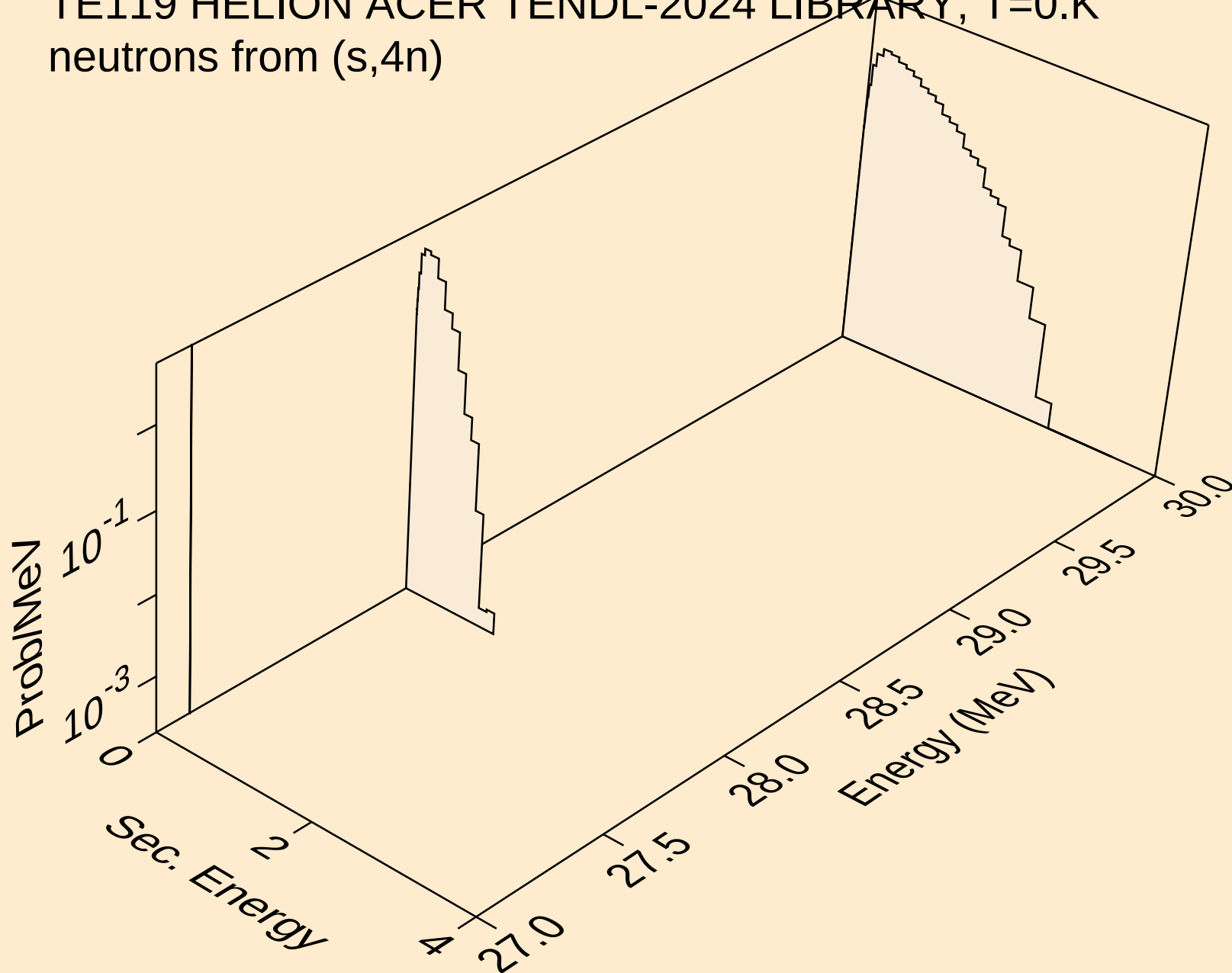
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neutrons from (s,n*)t



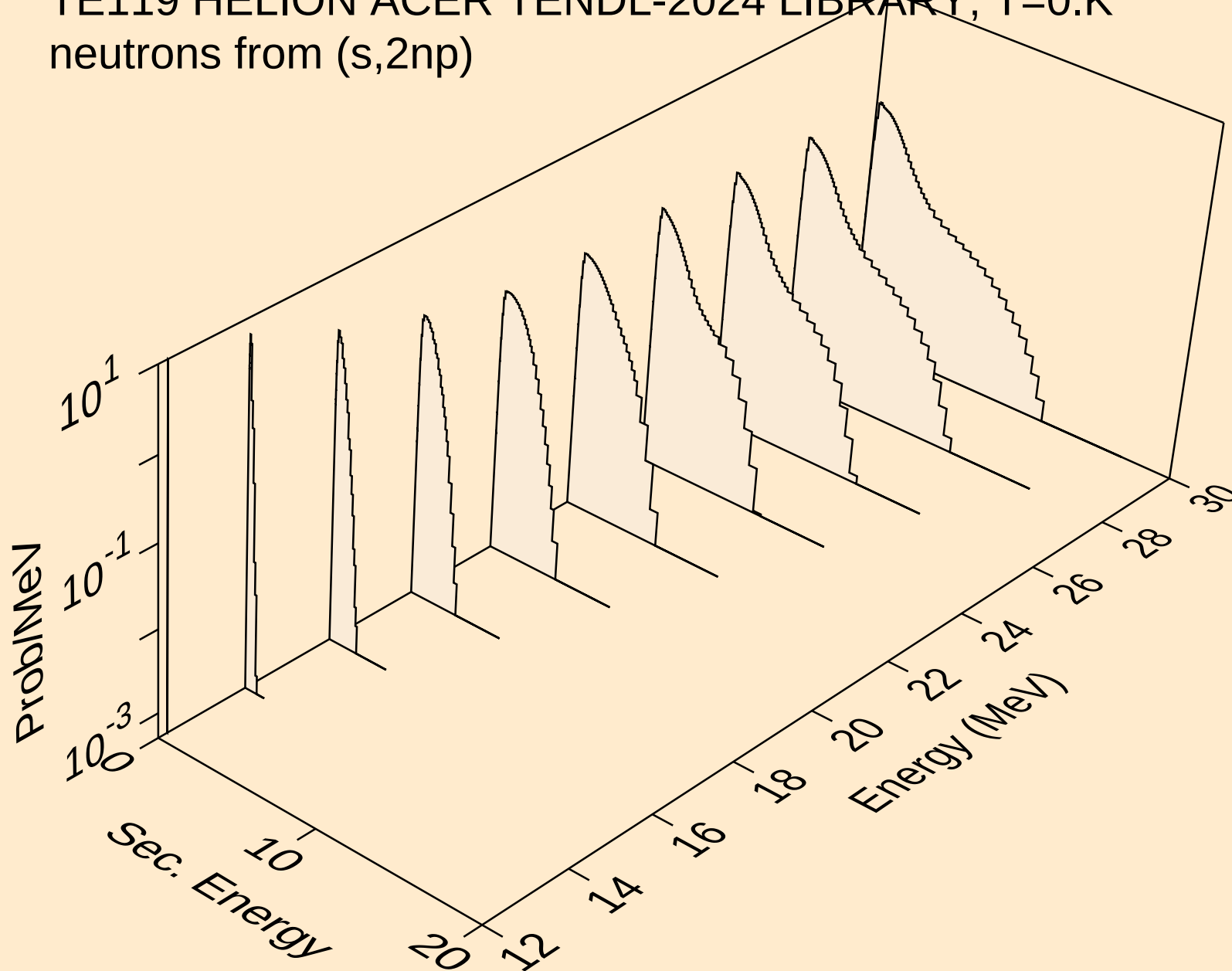
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)he3



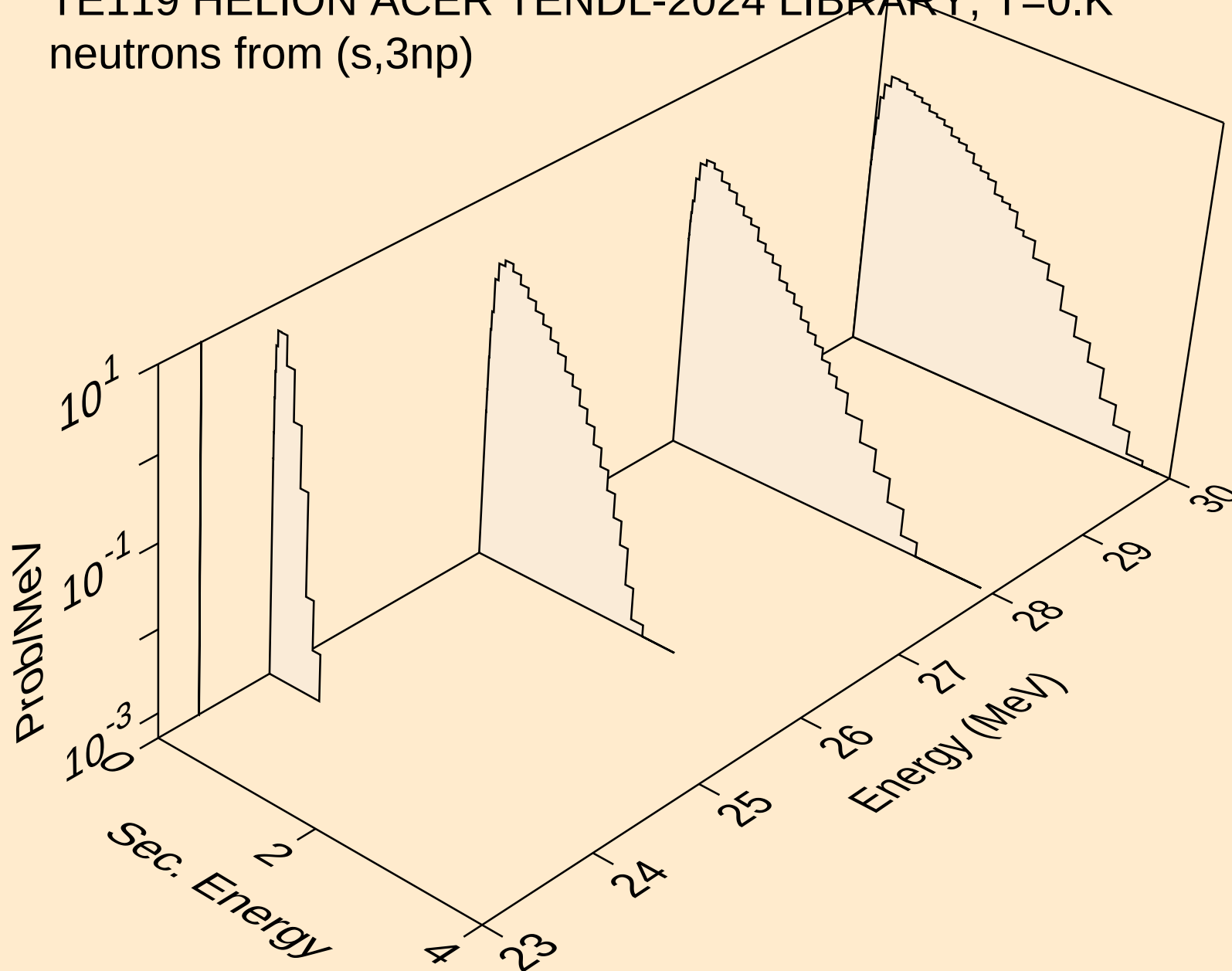
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neutrons from (s,4n)



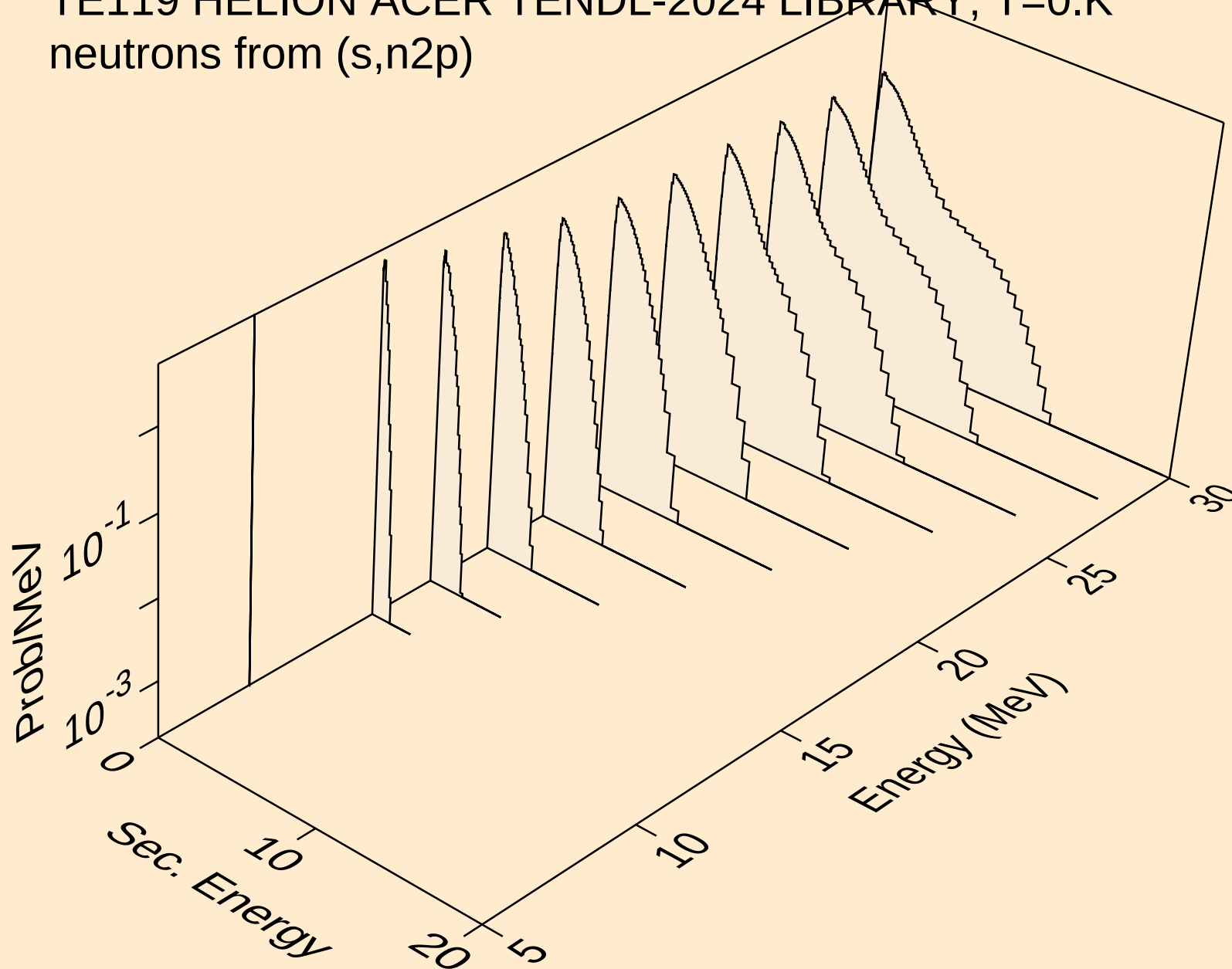
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neutrons from (s,2np)



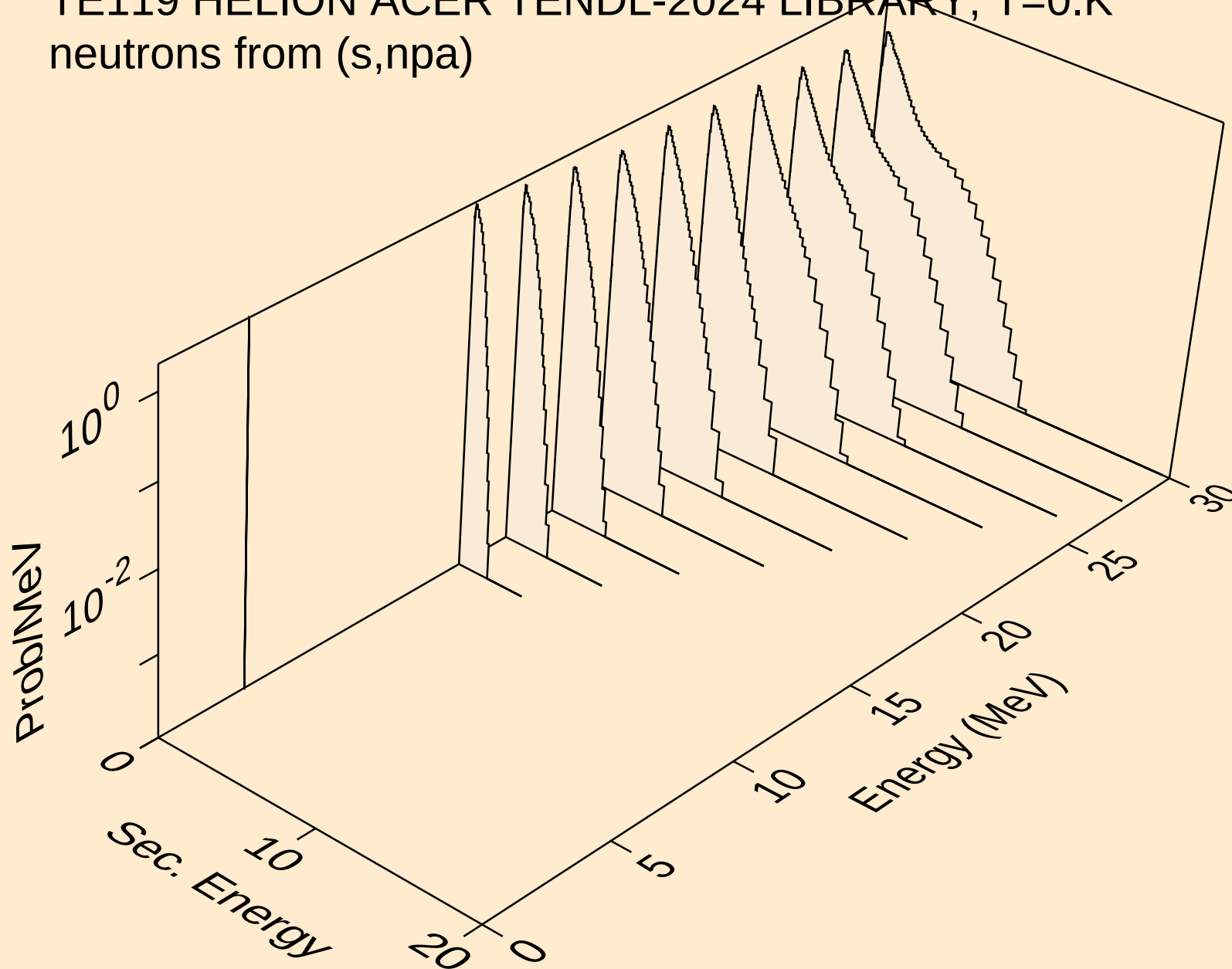
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neutrons from (s,3np)



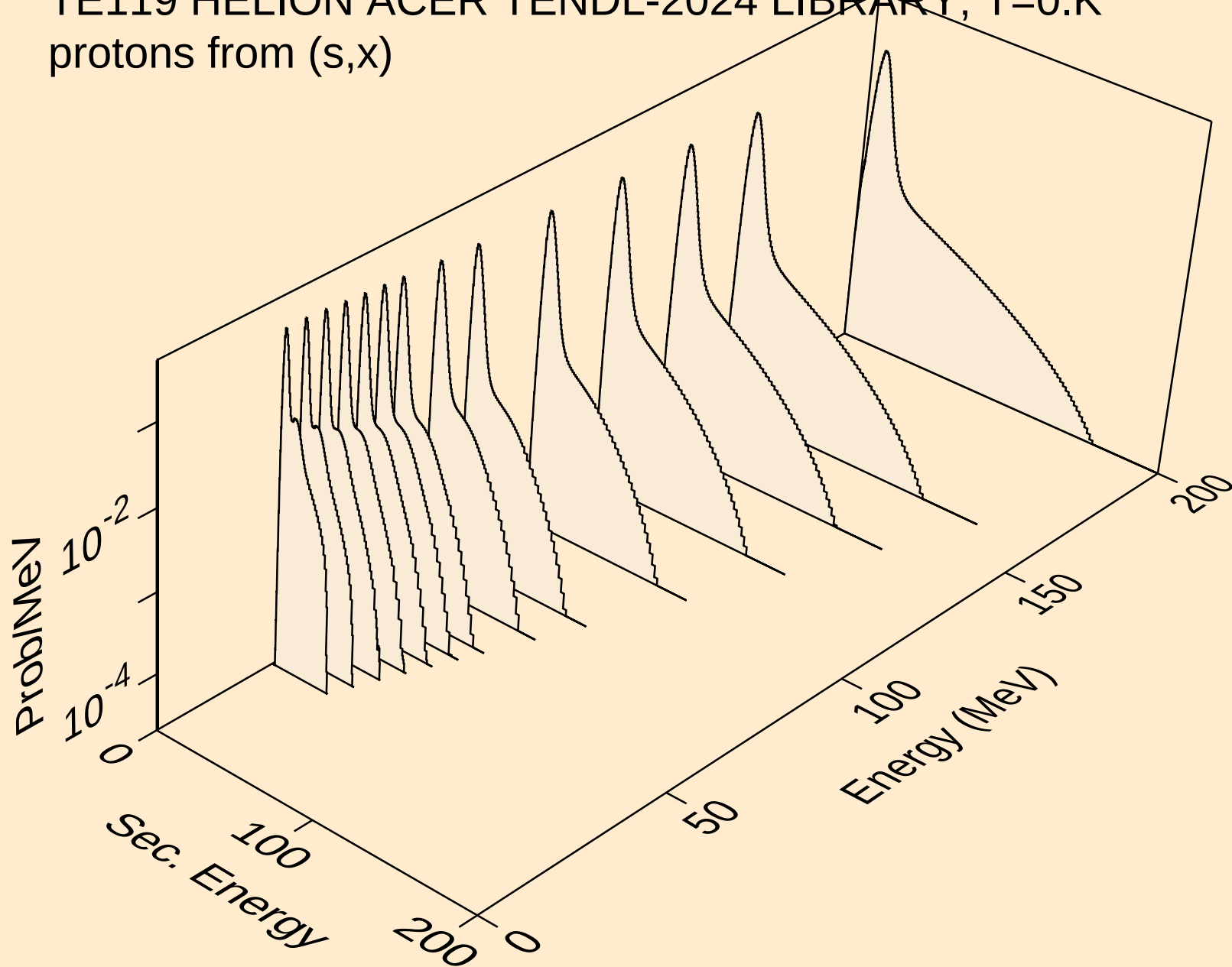
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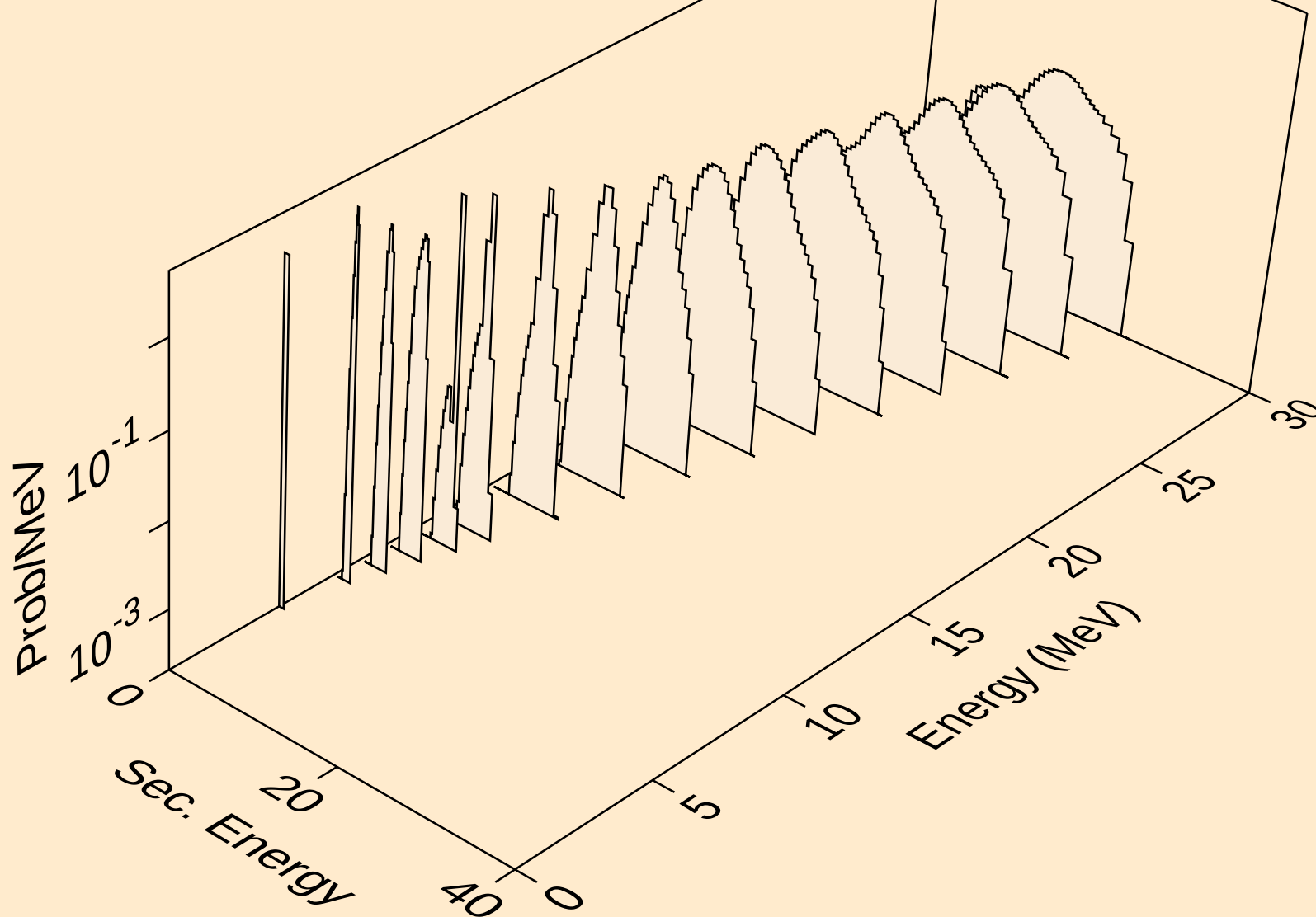
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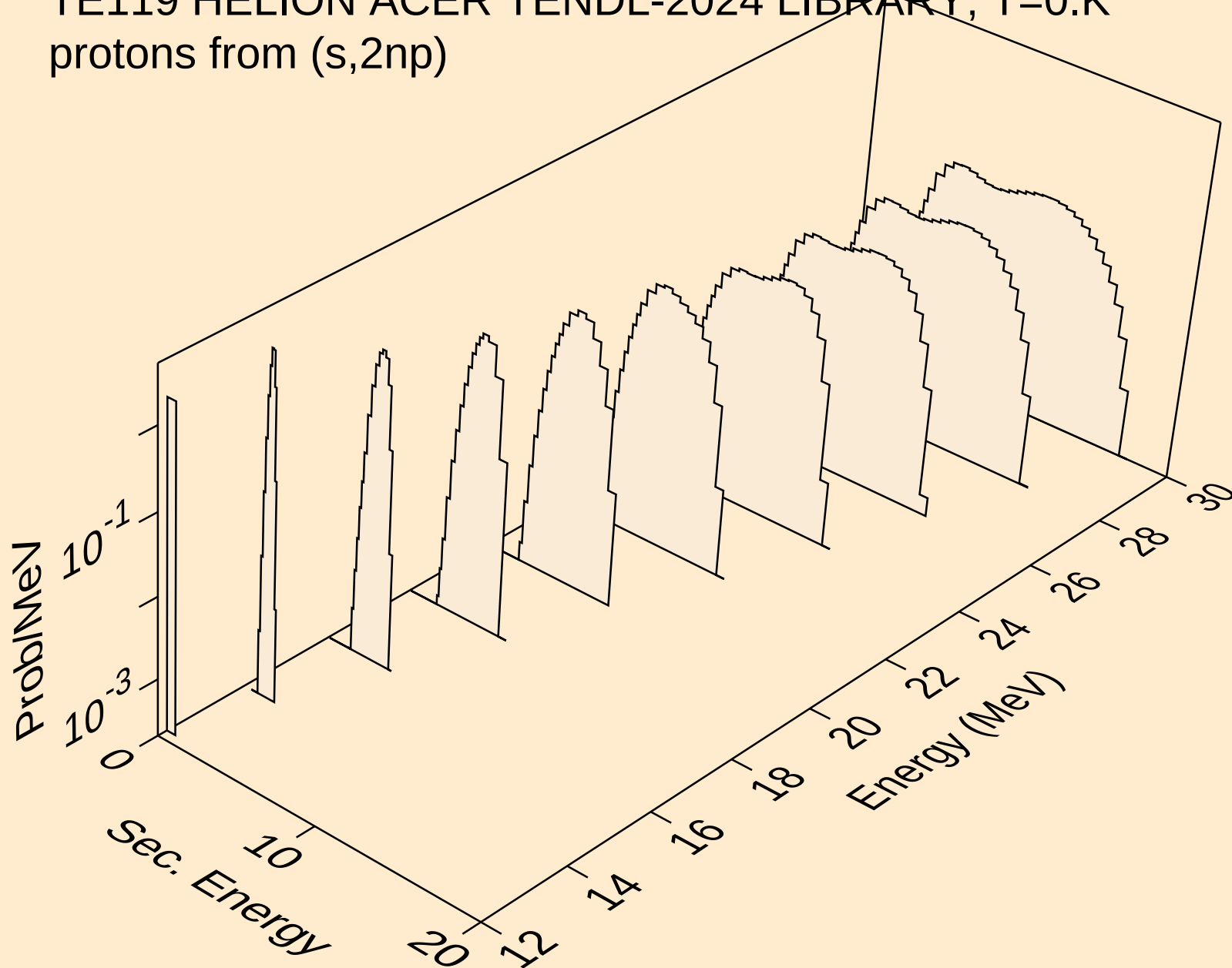
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protons from (s,x)



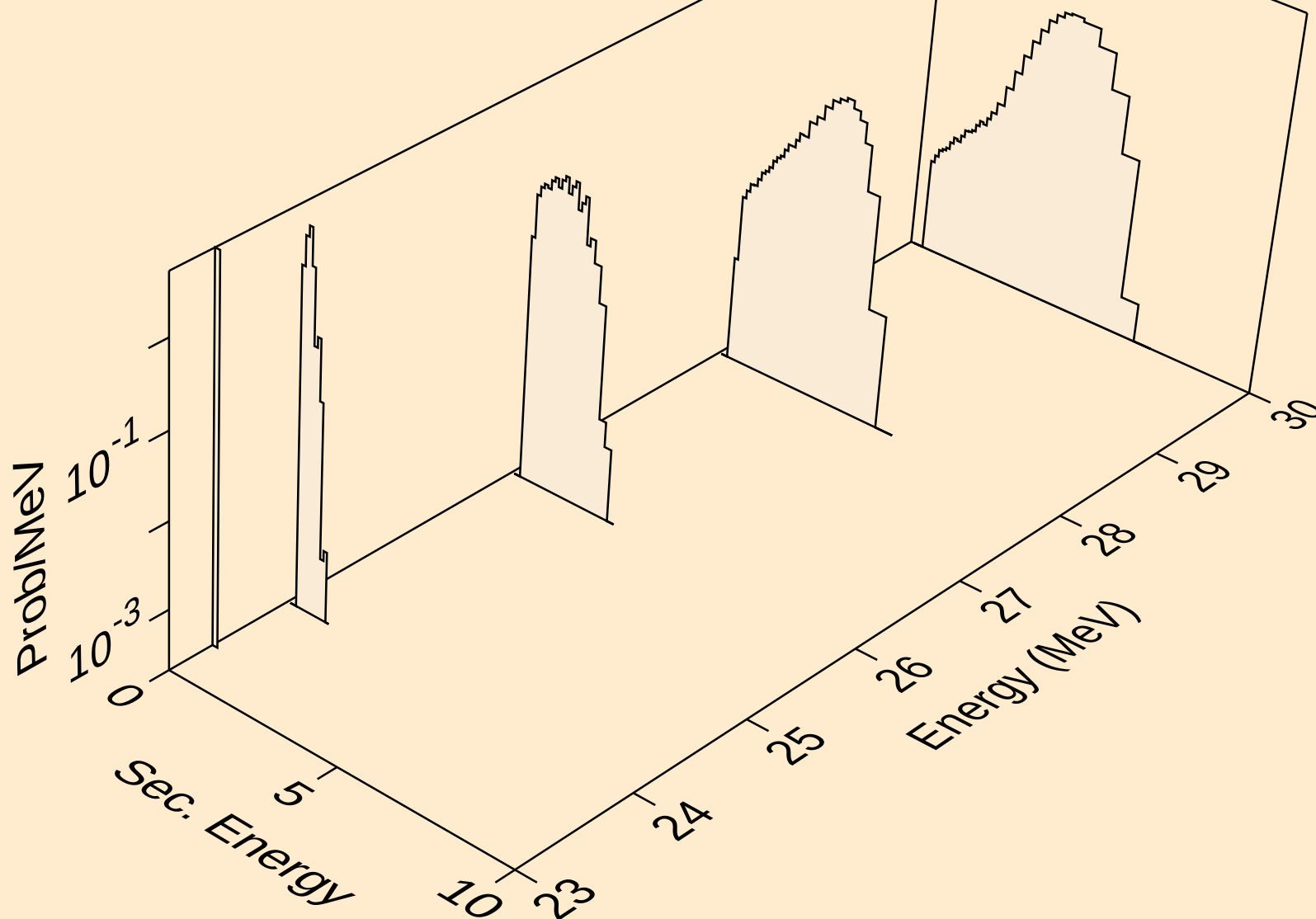
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protons from (s,n*)p



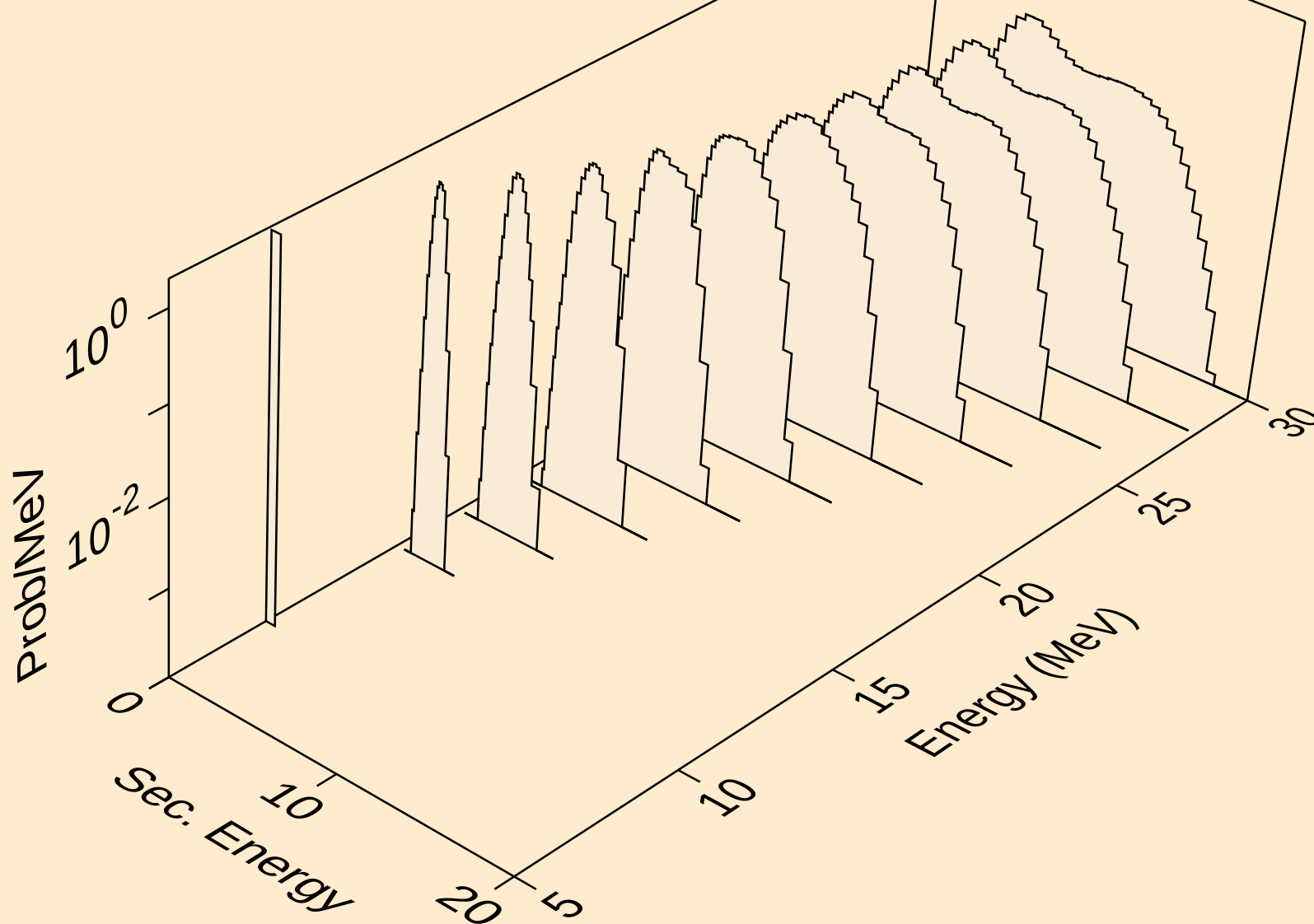
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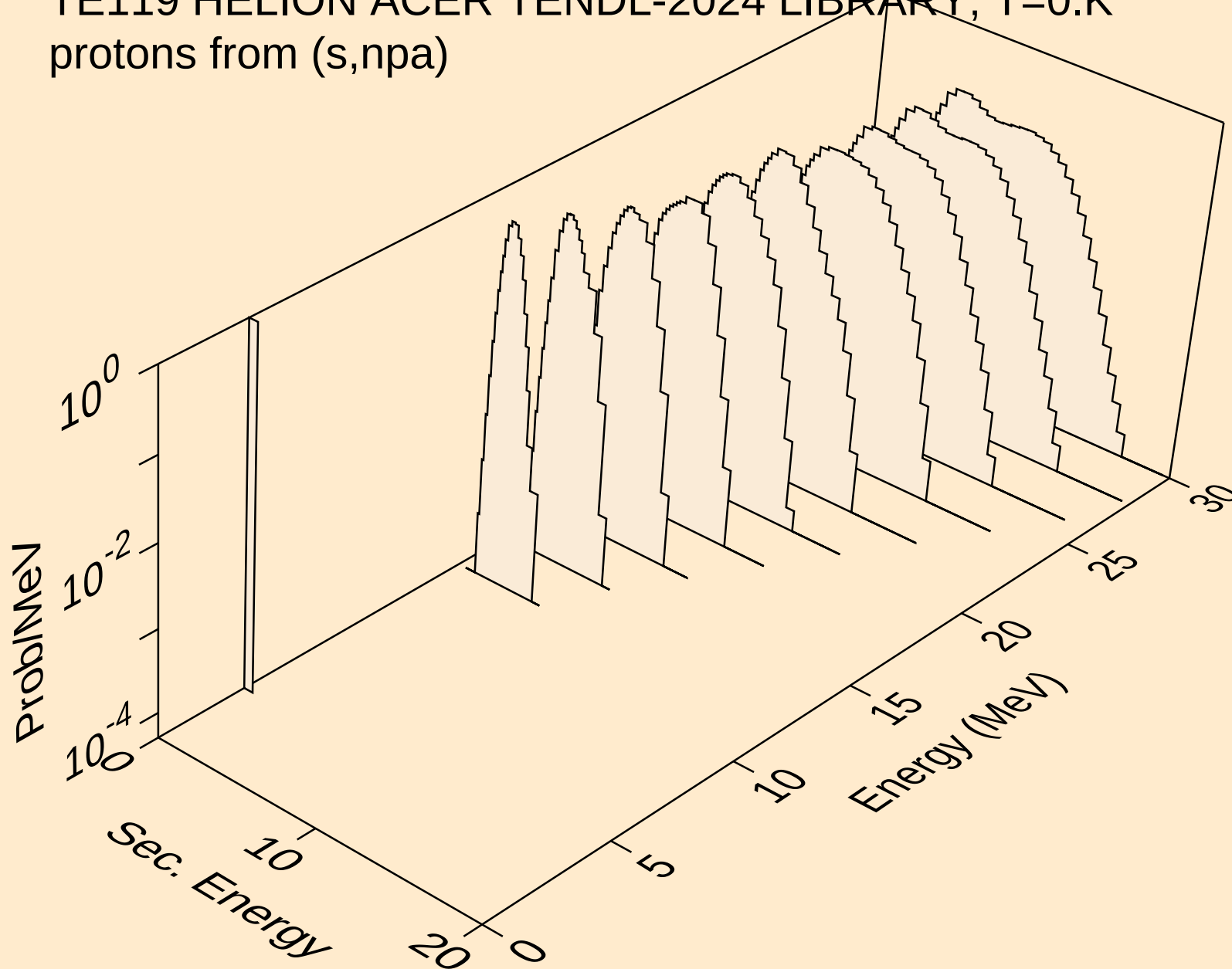
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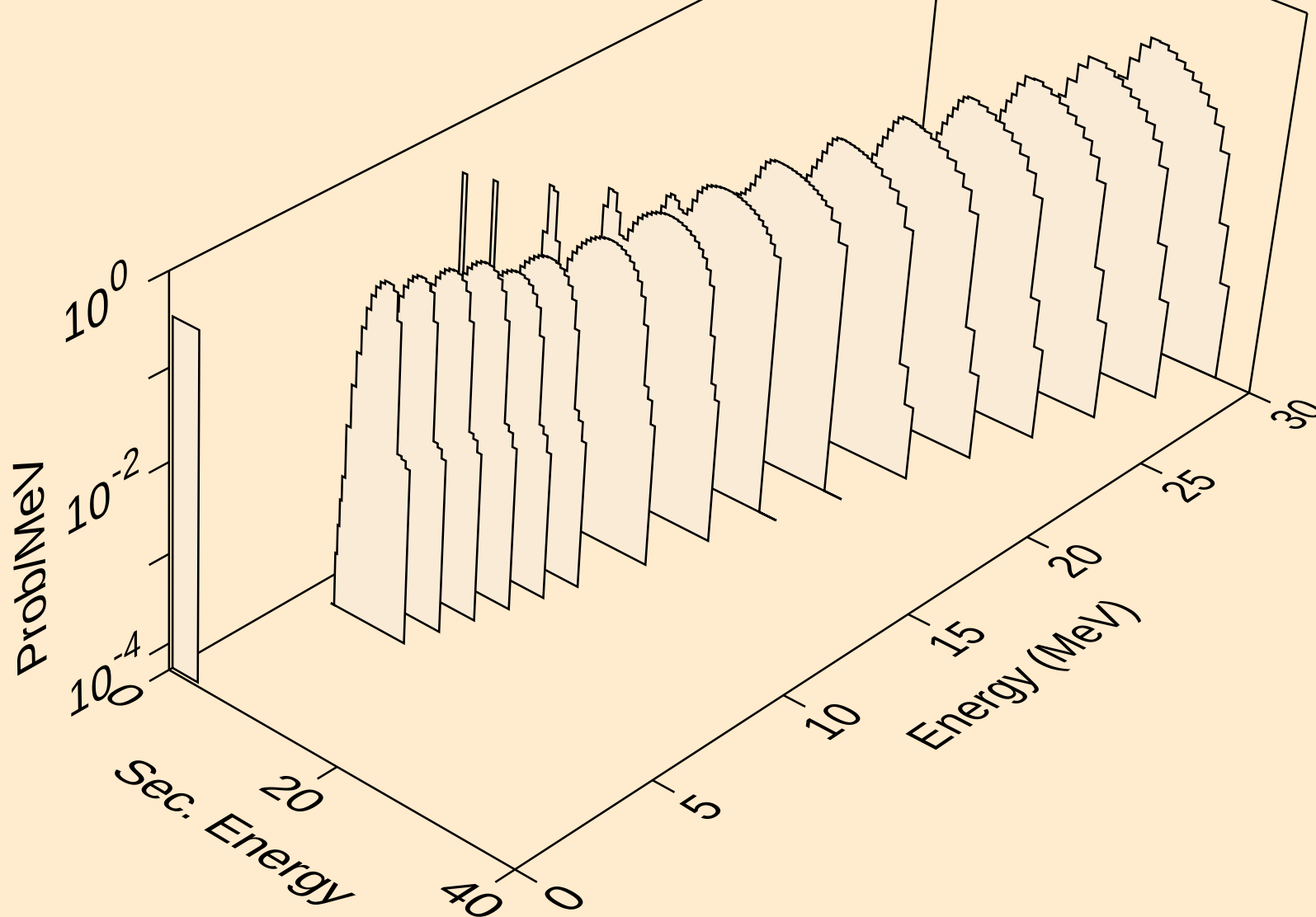
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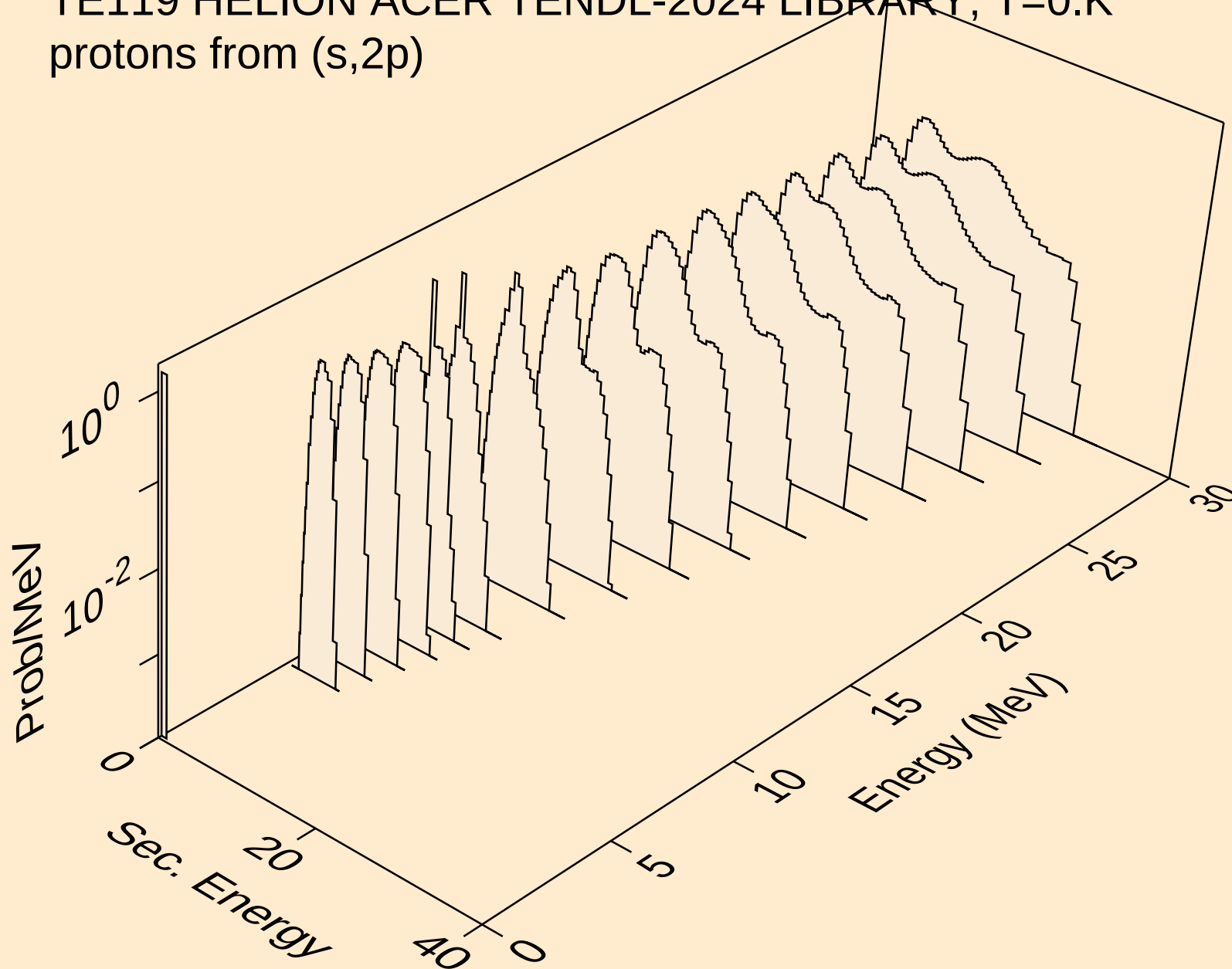
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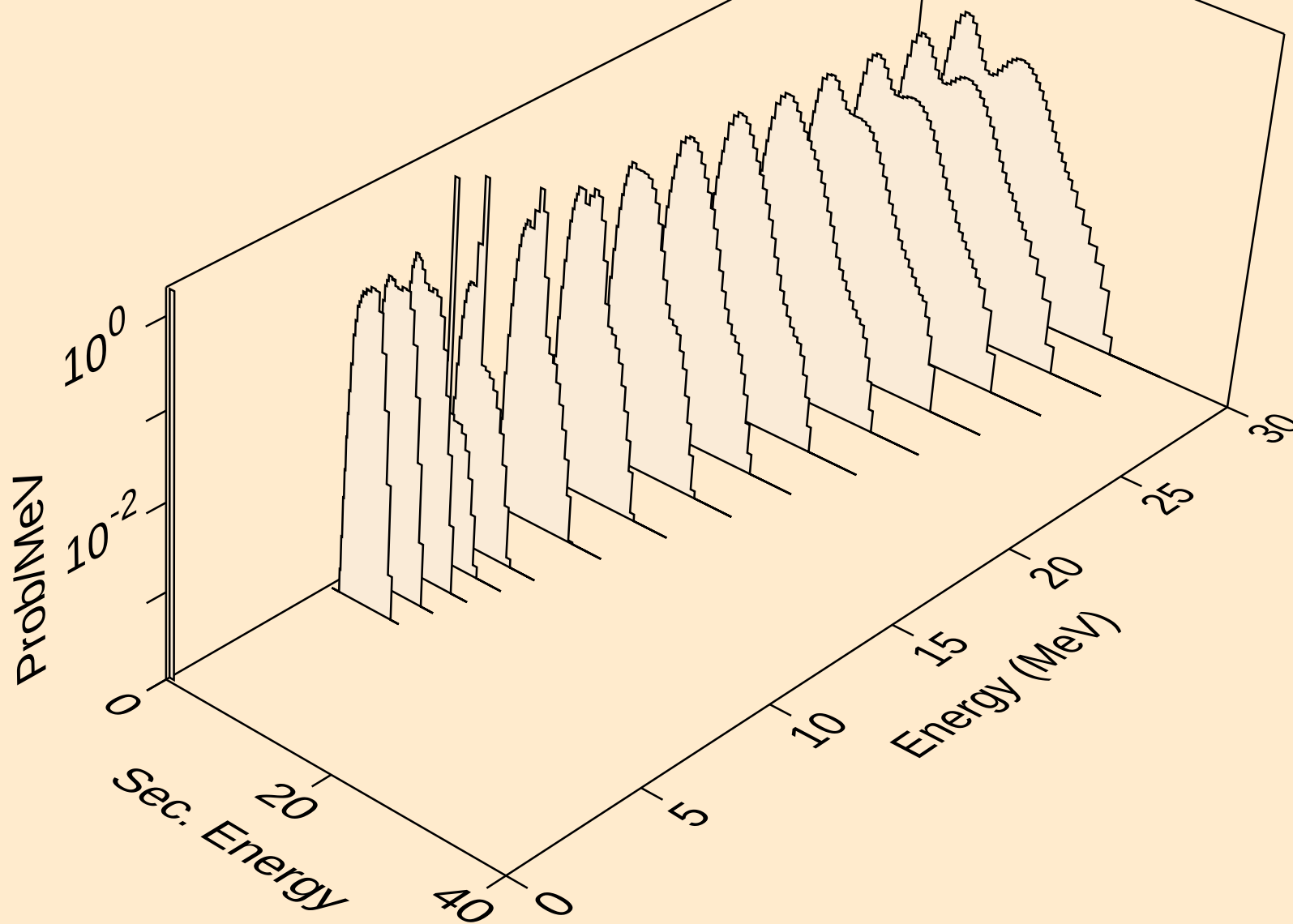
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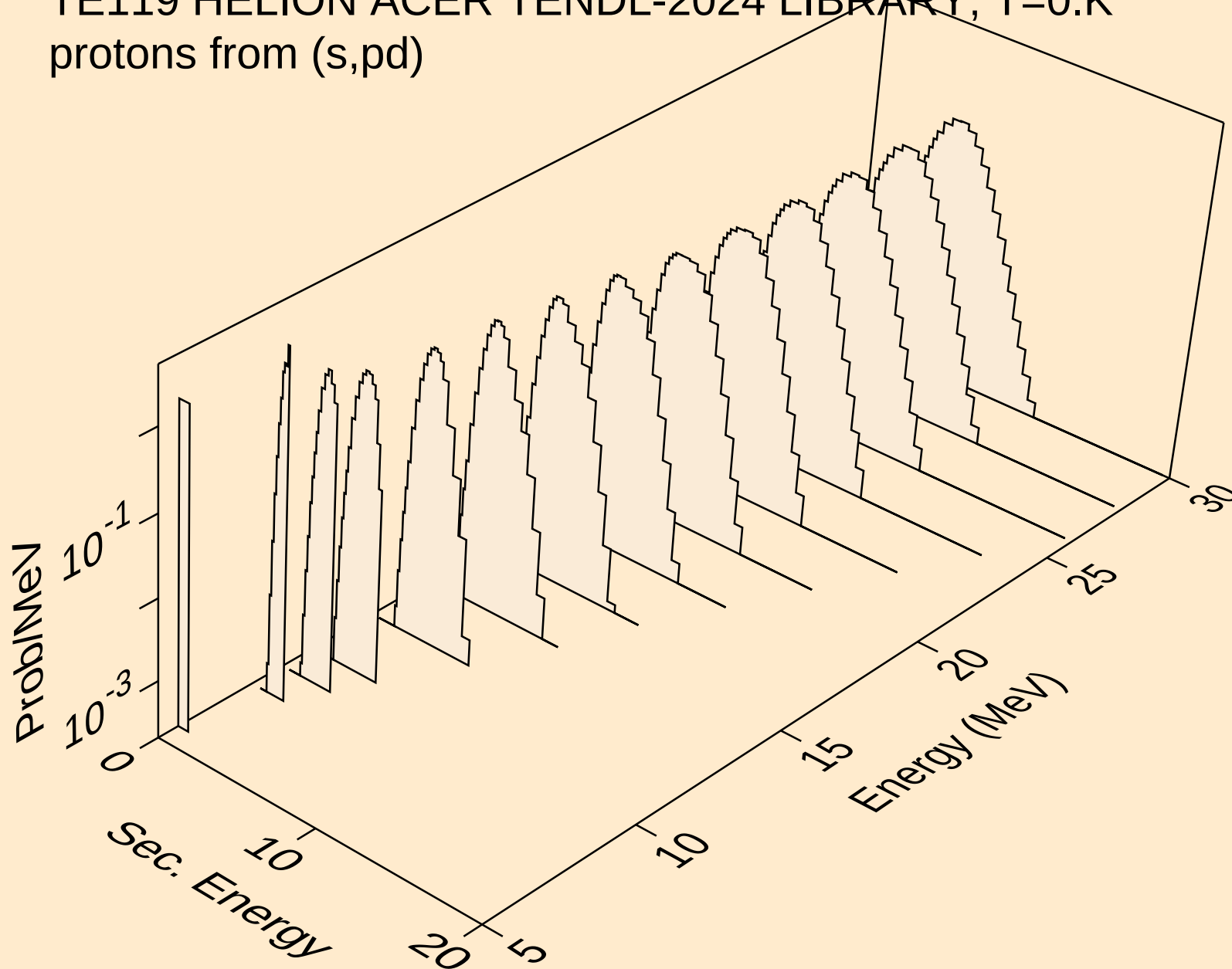
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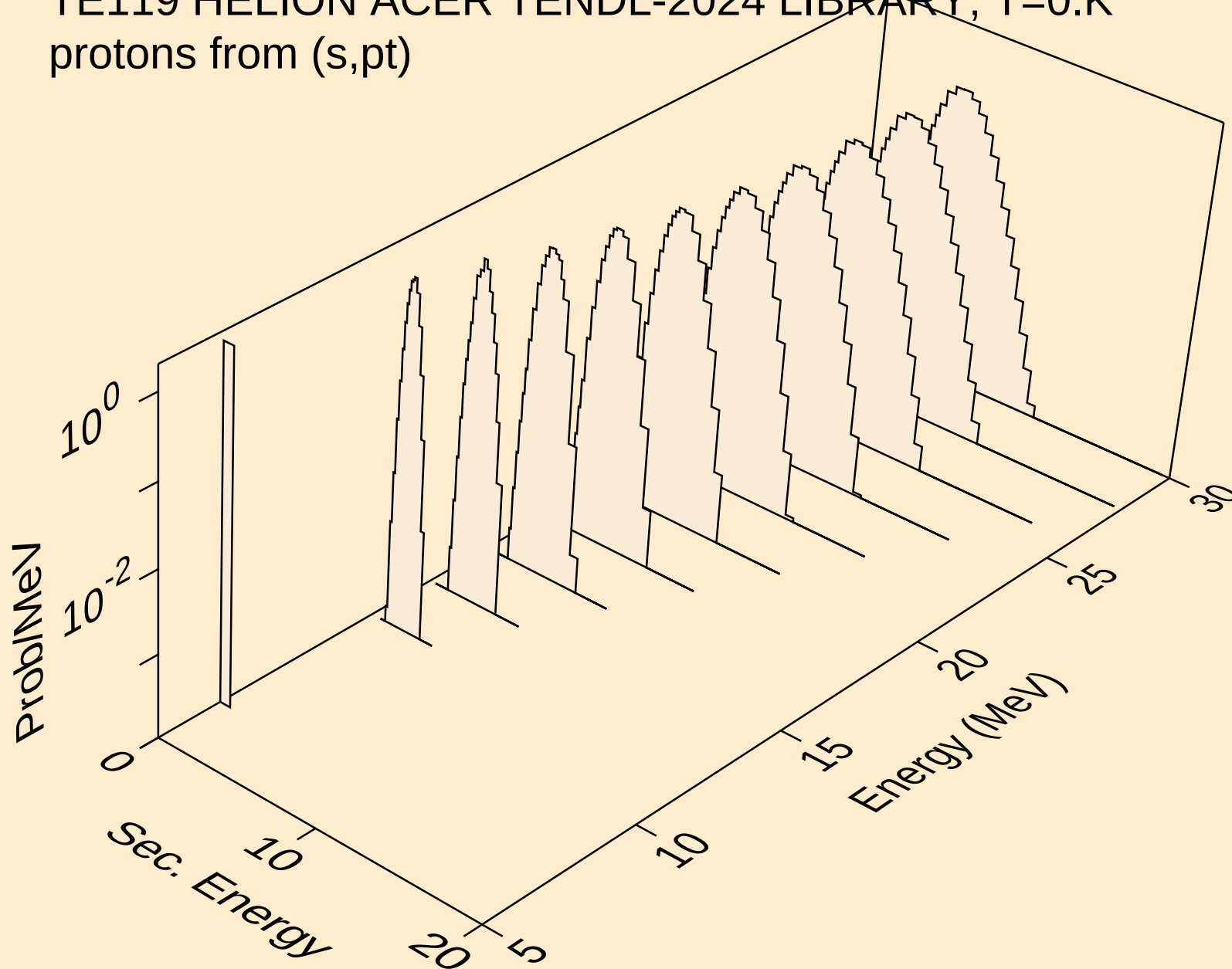
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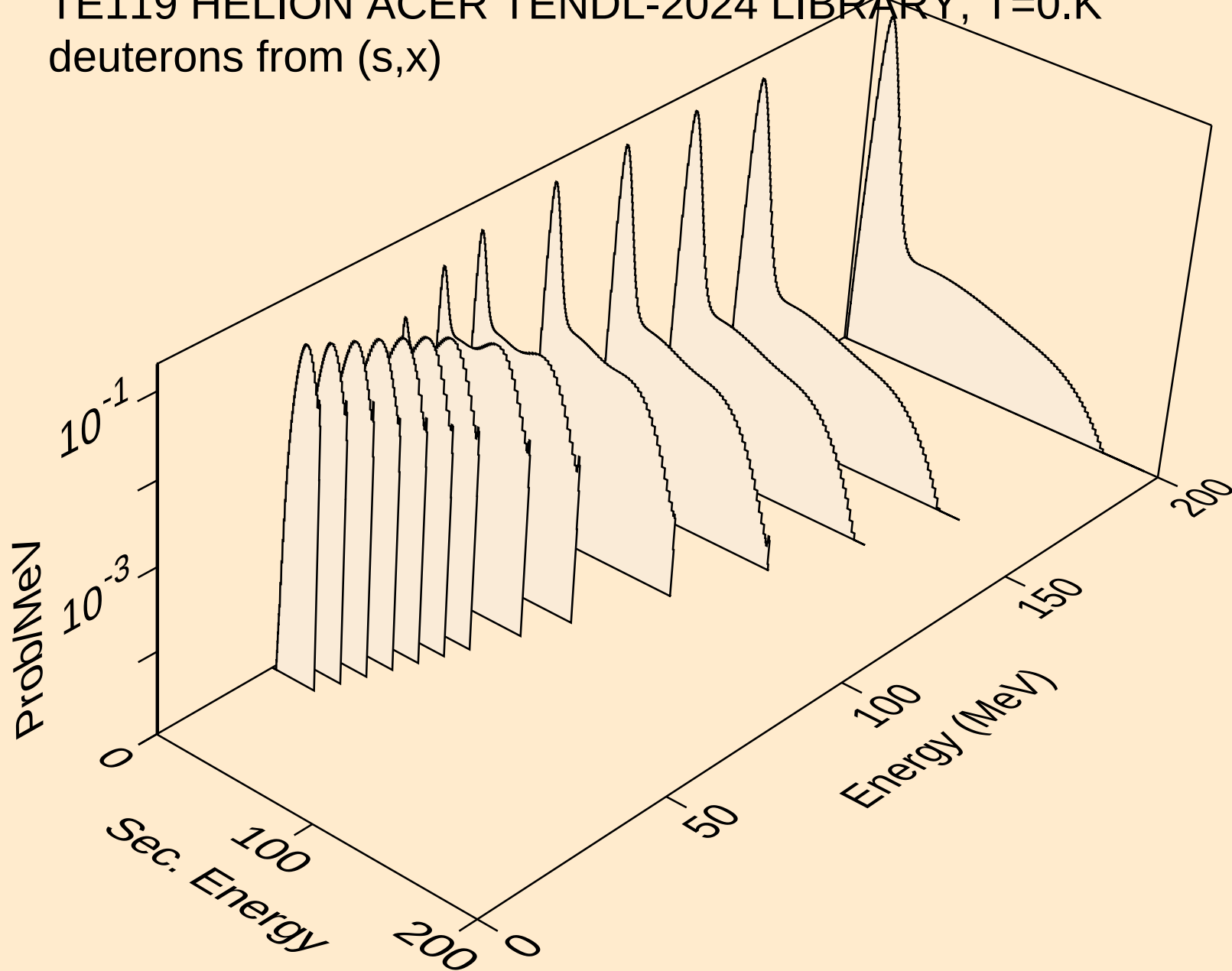
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protons from (s,pd)



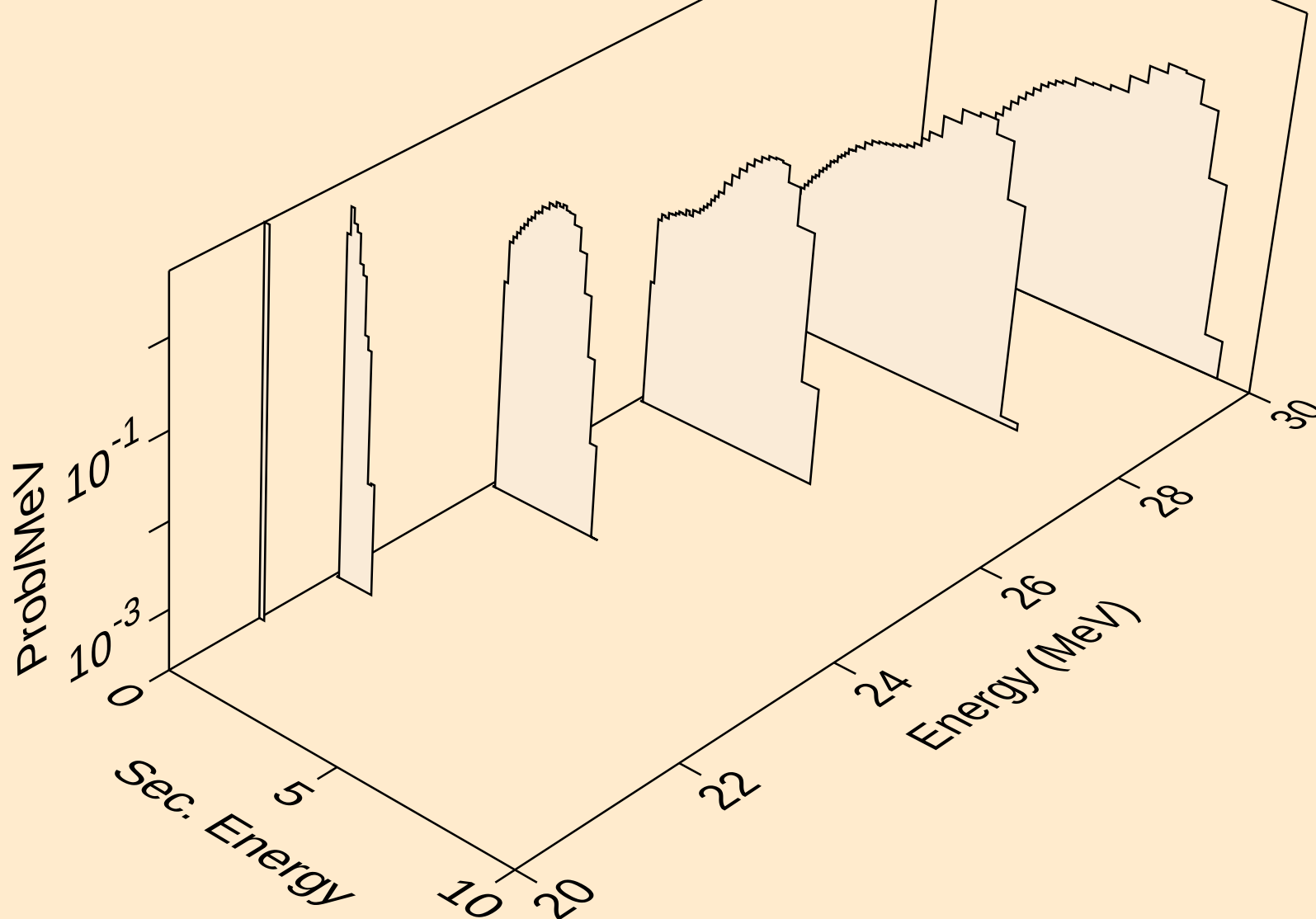
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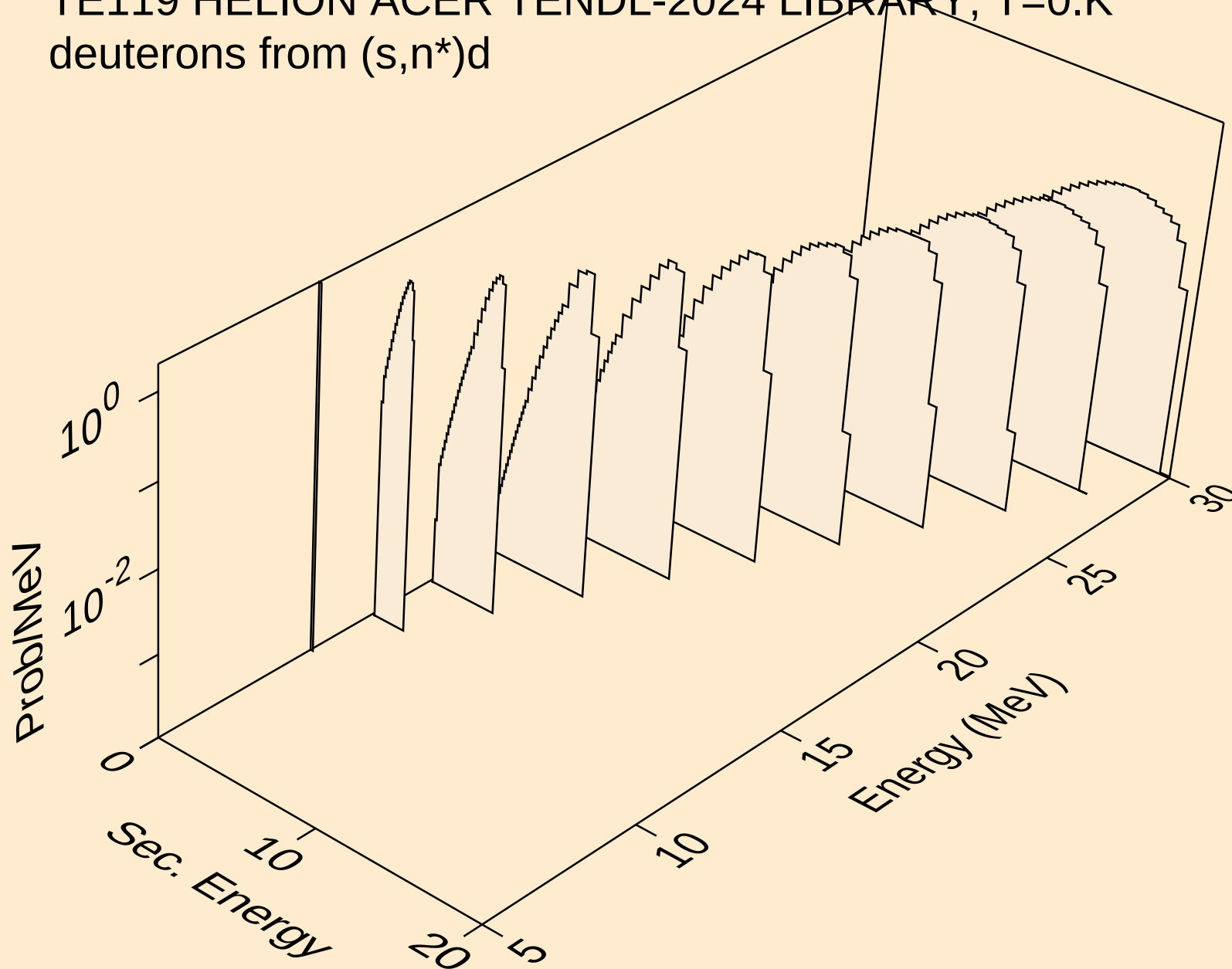
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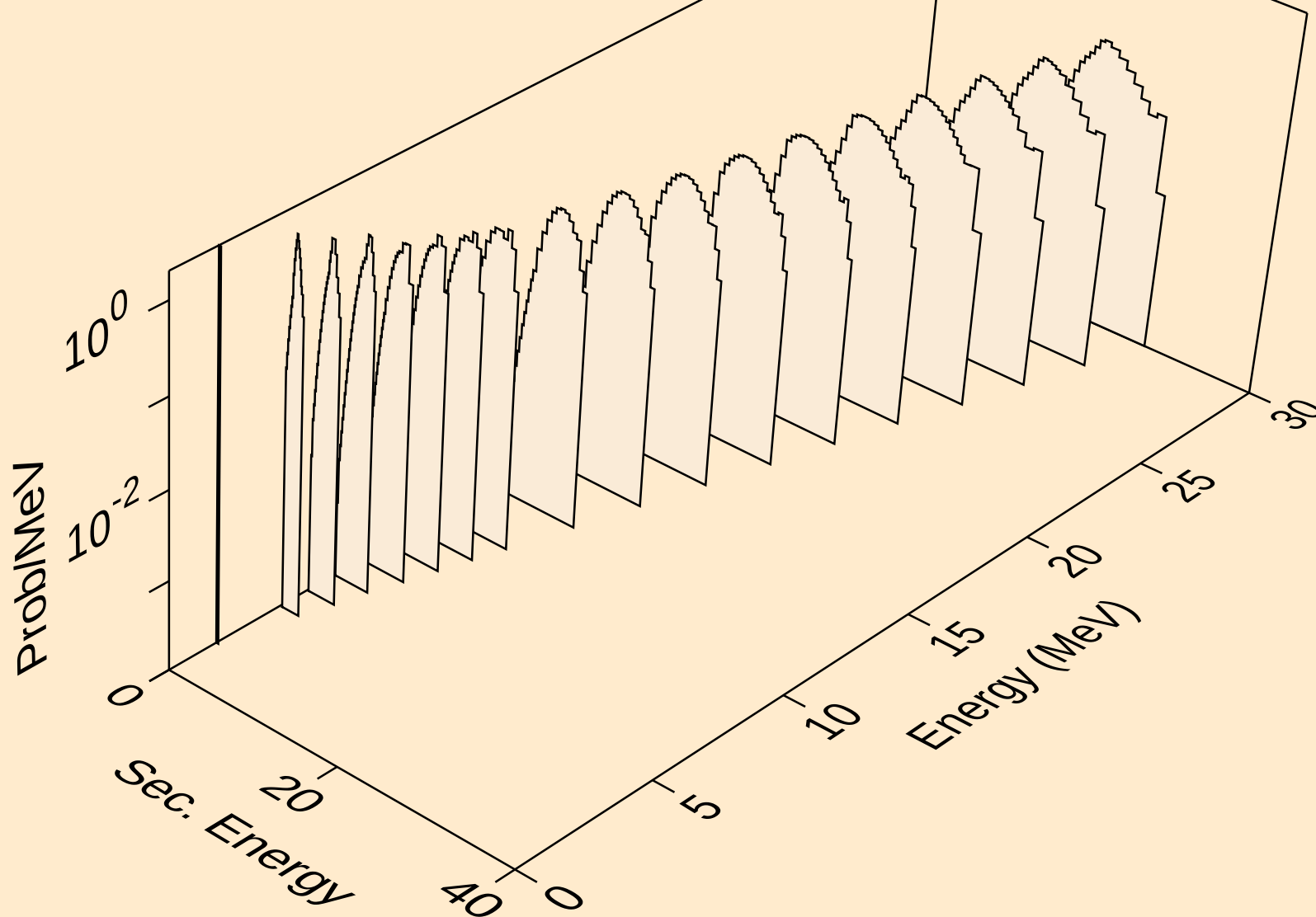
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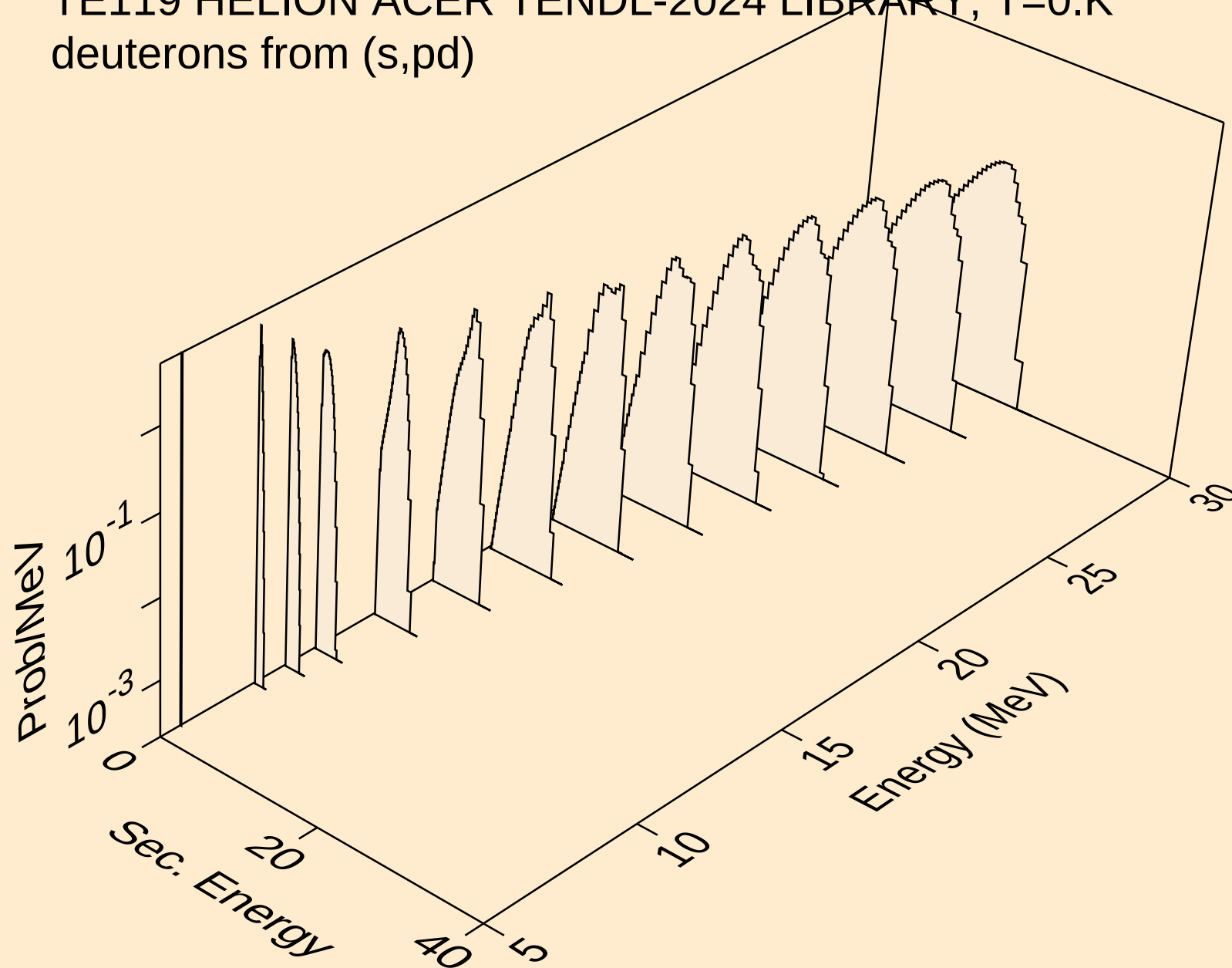
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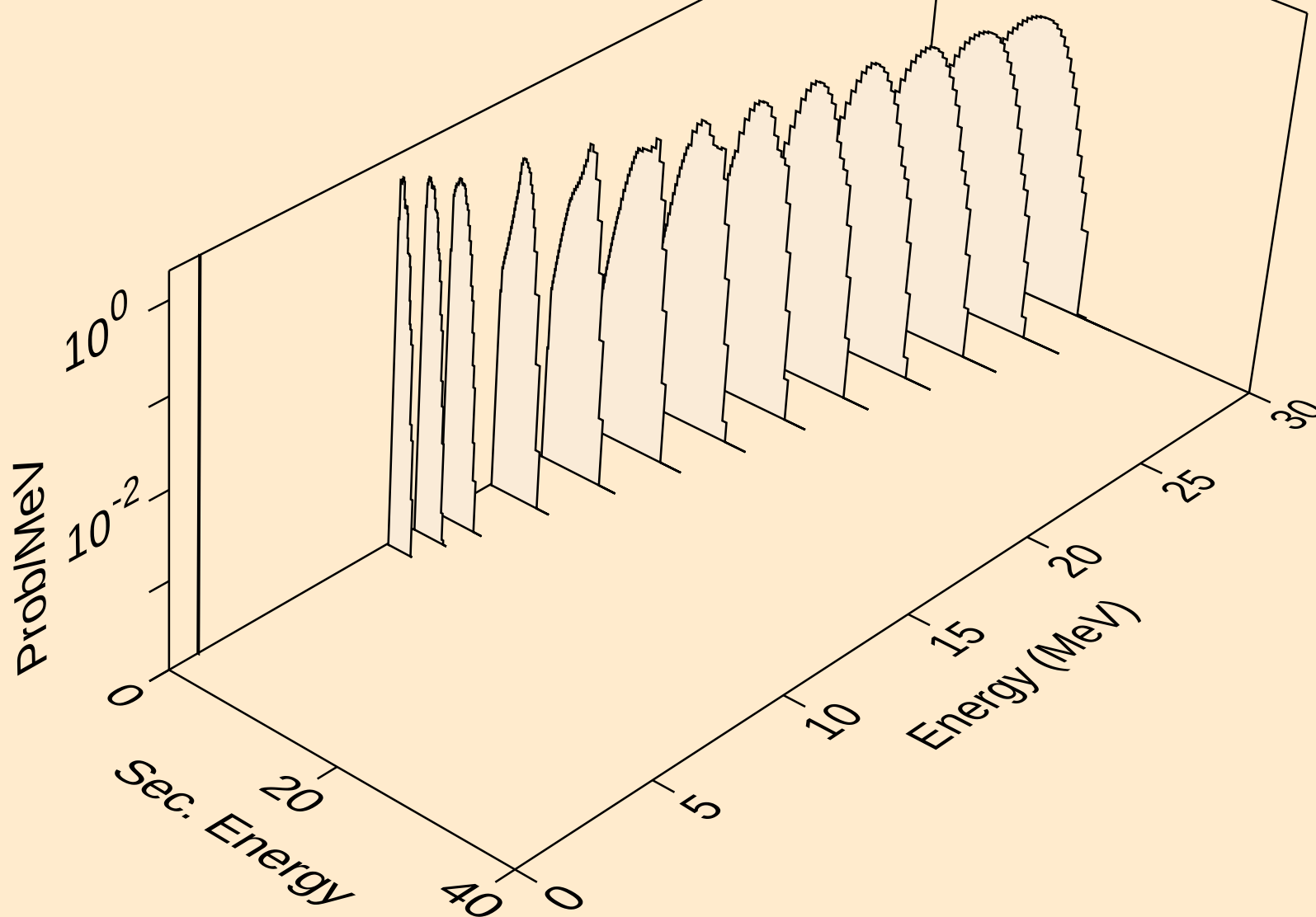
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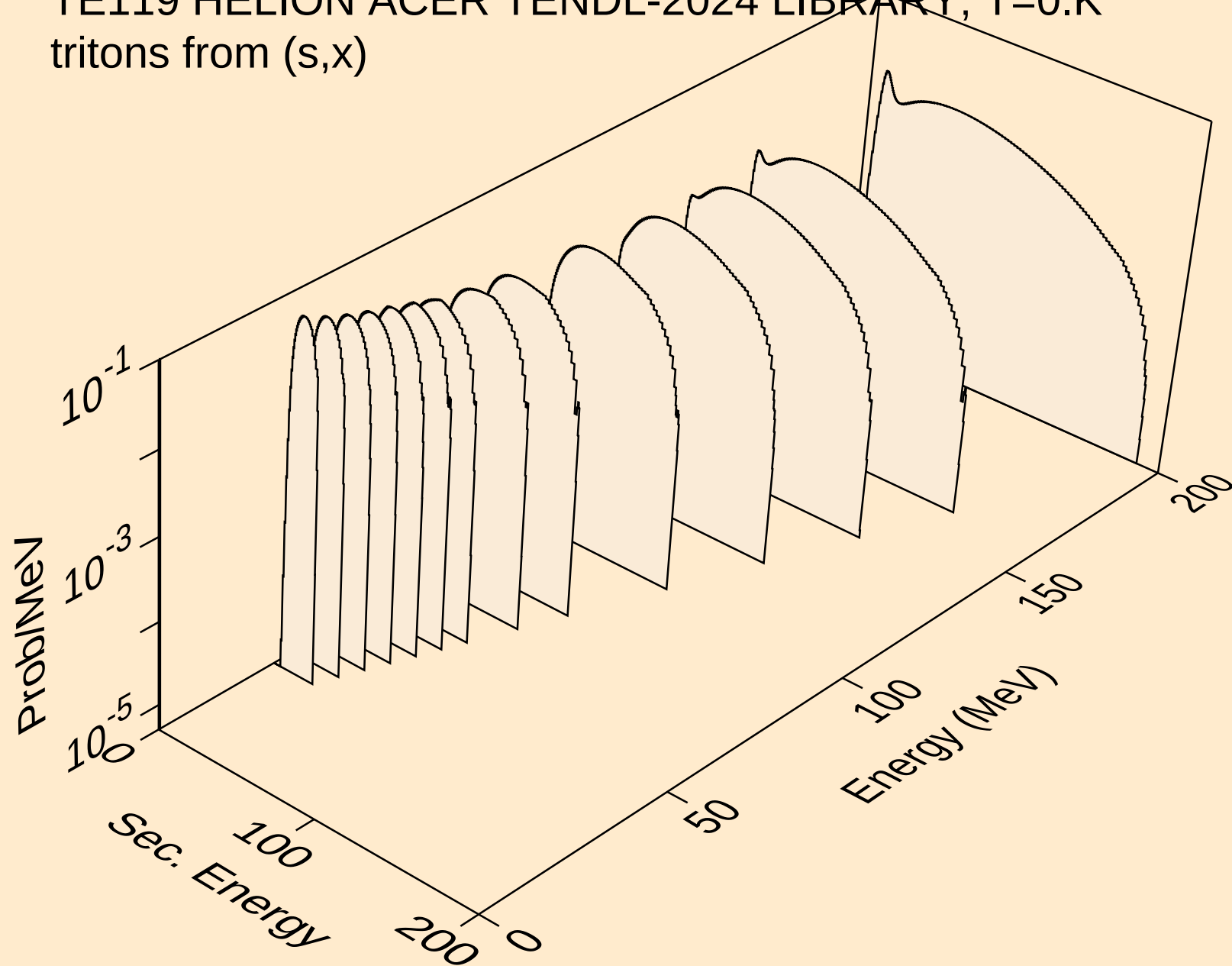
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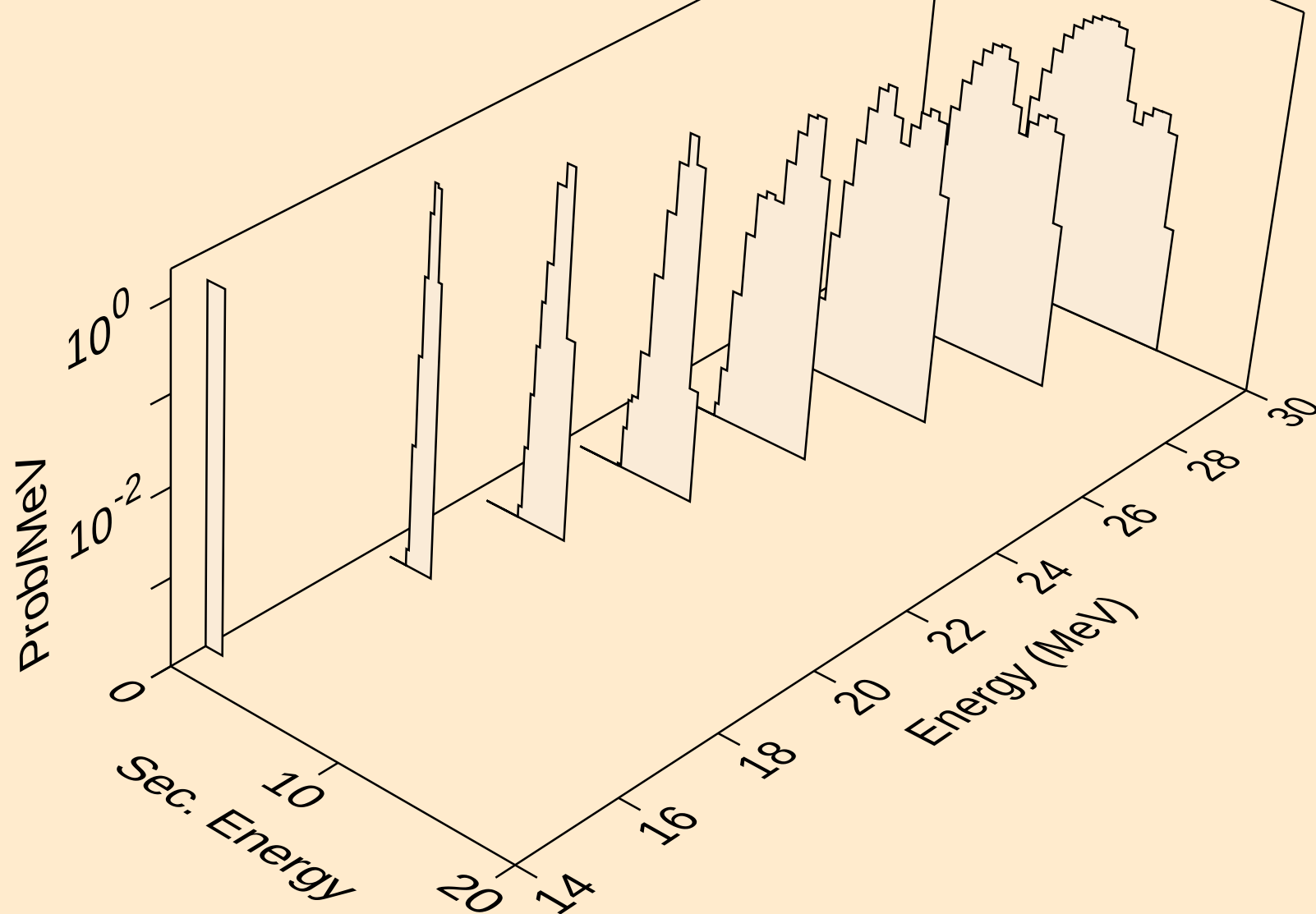
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deuterons from (s,da)



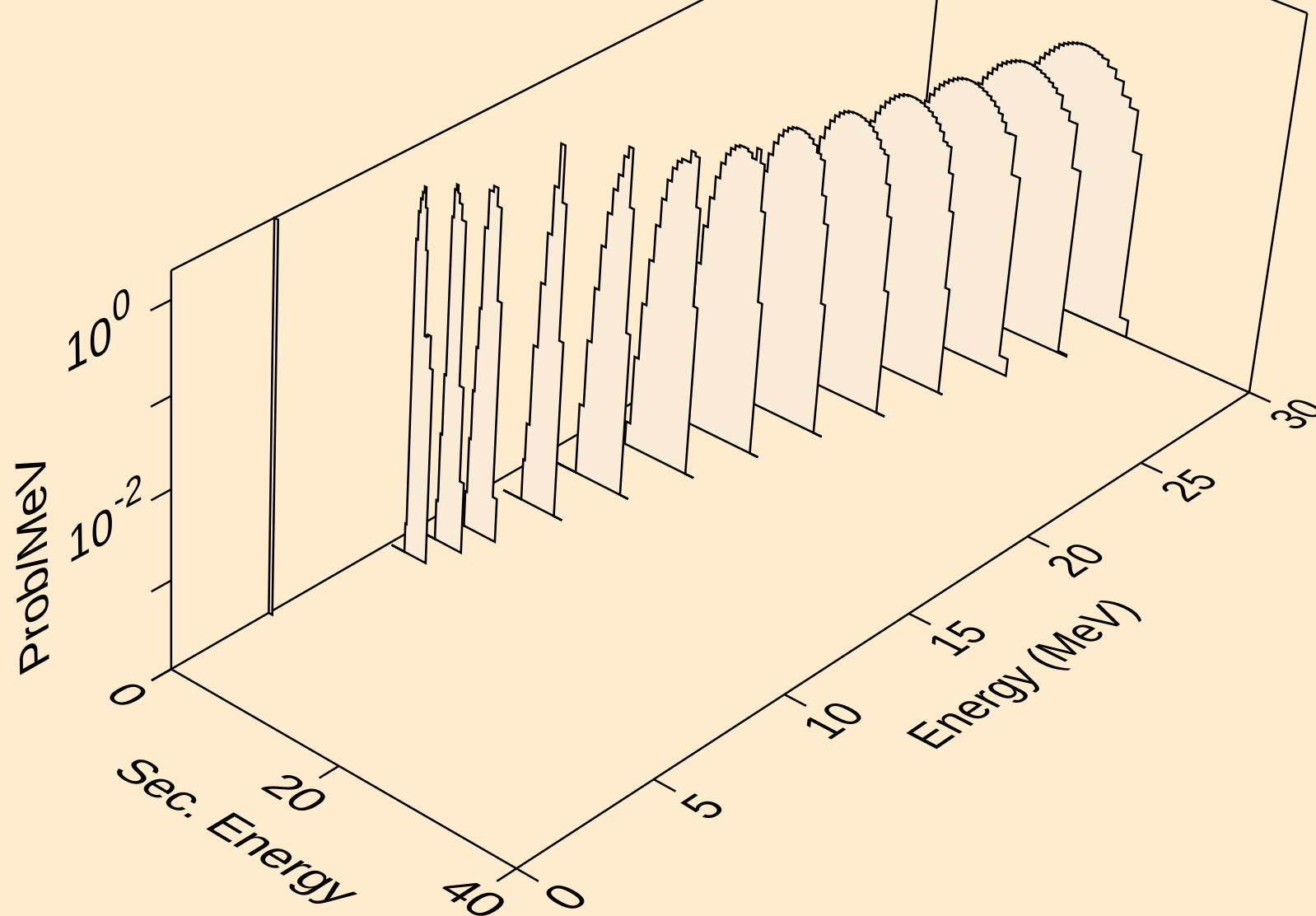
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tritons from (s,x)



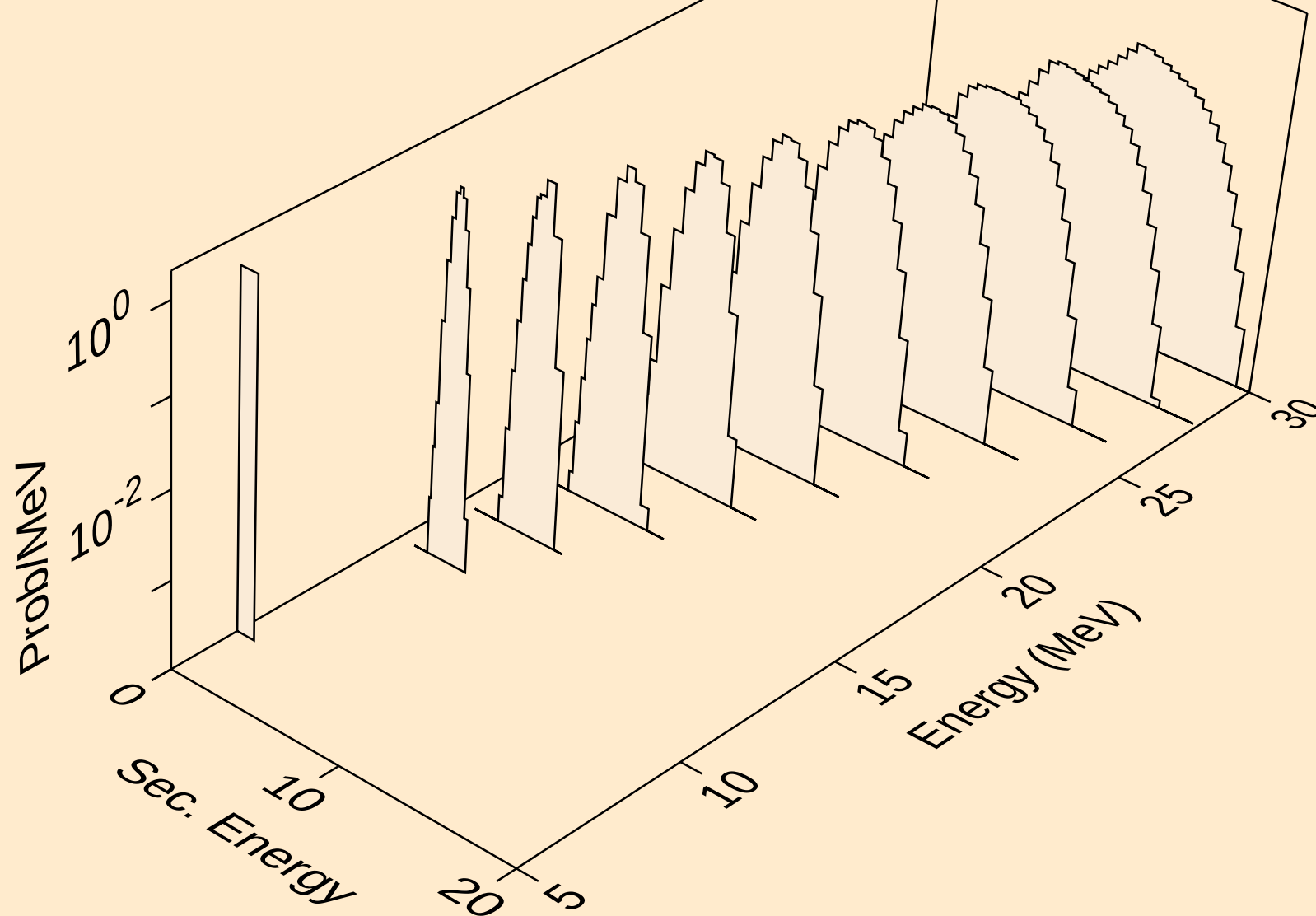
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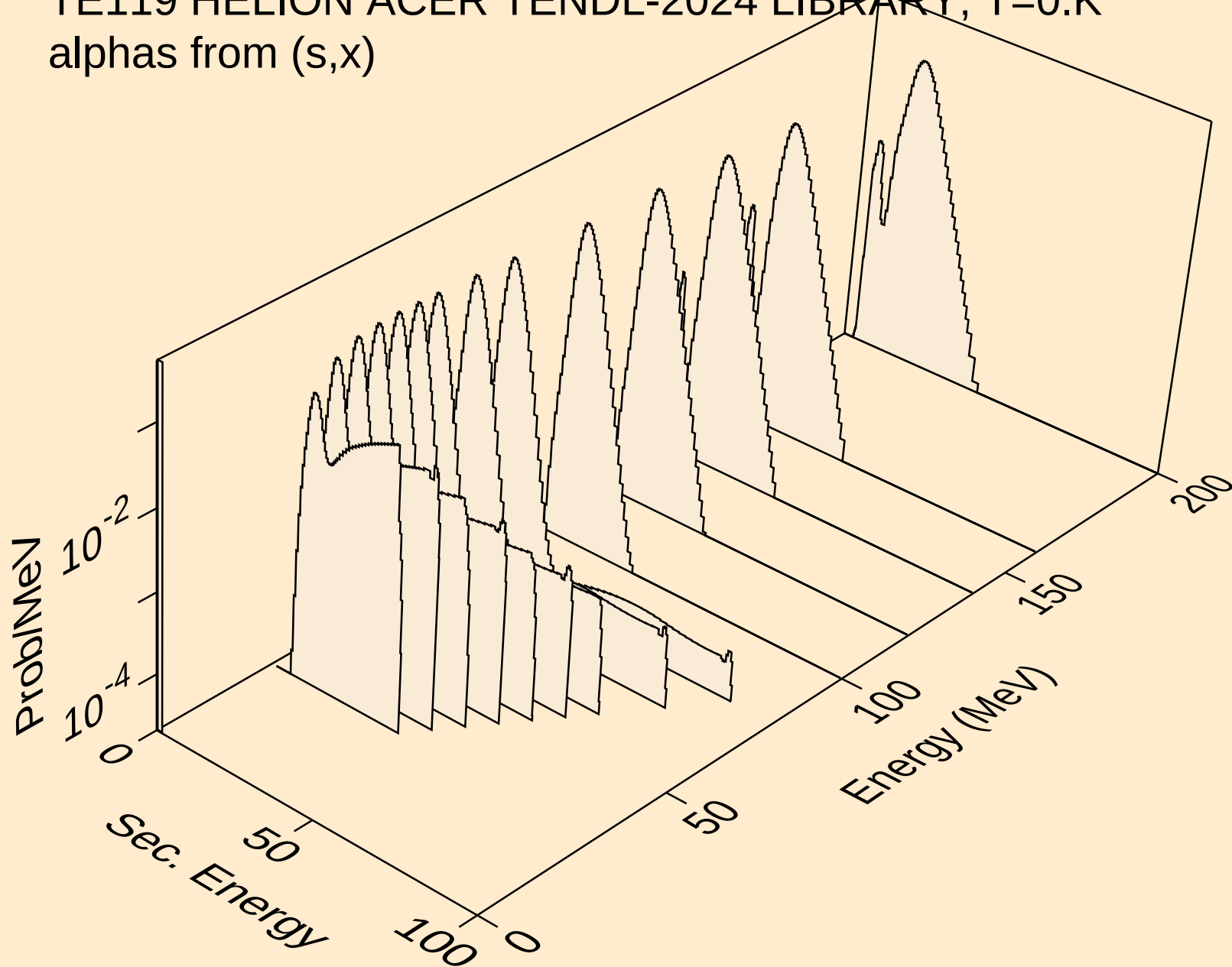
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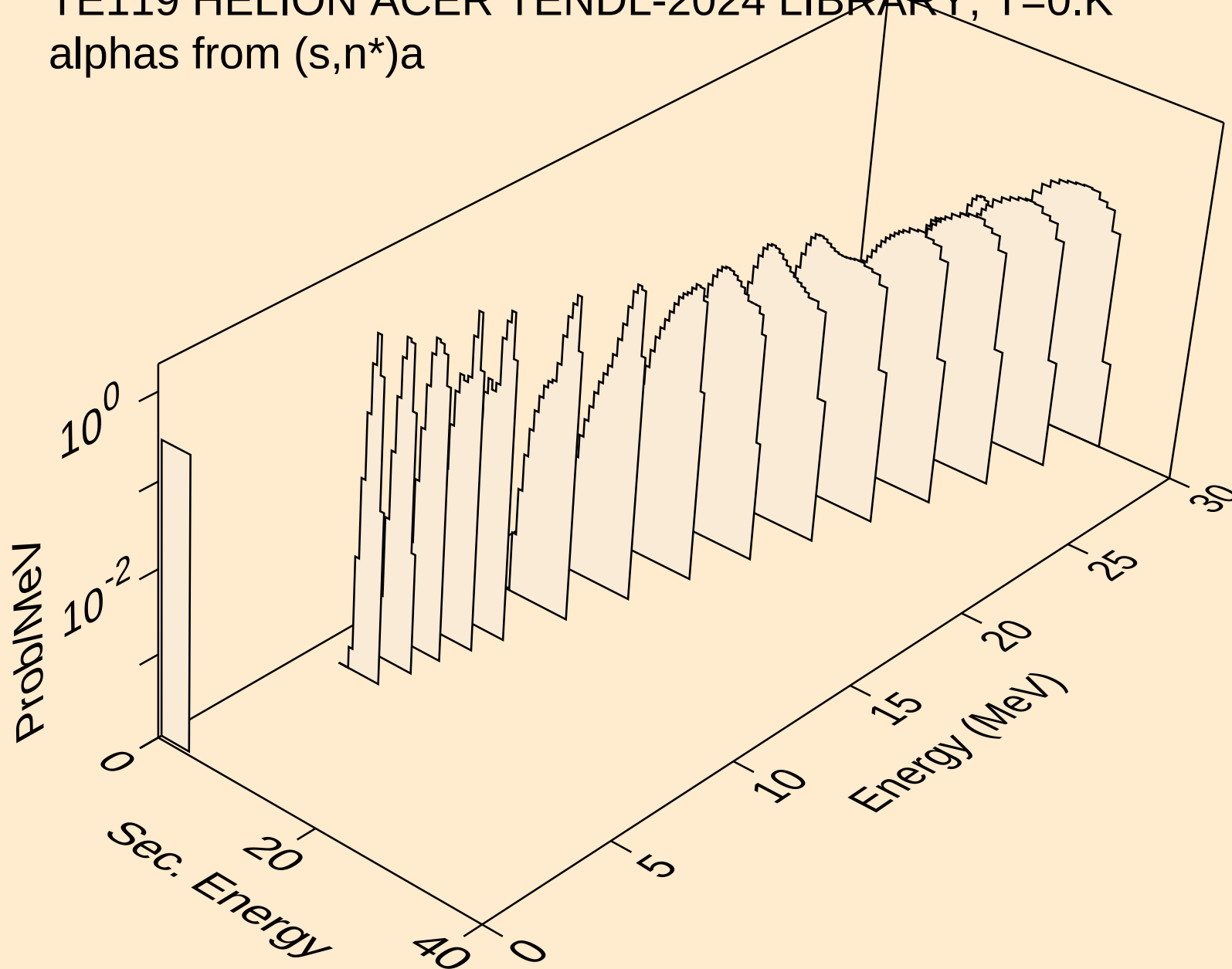
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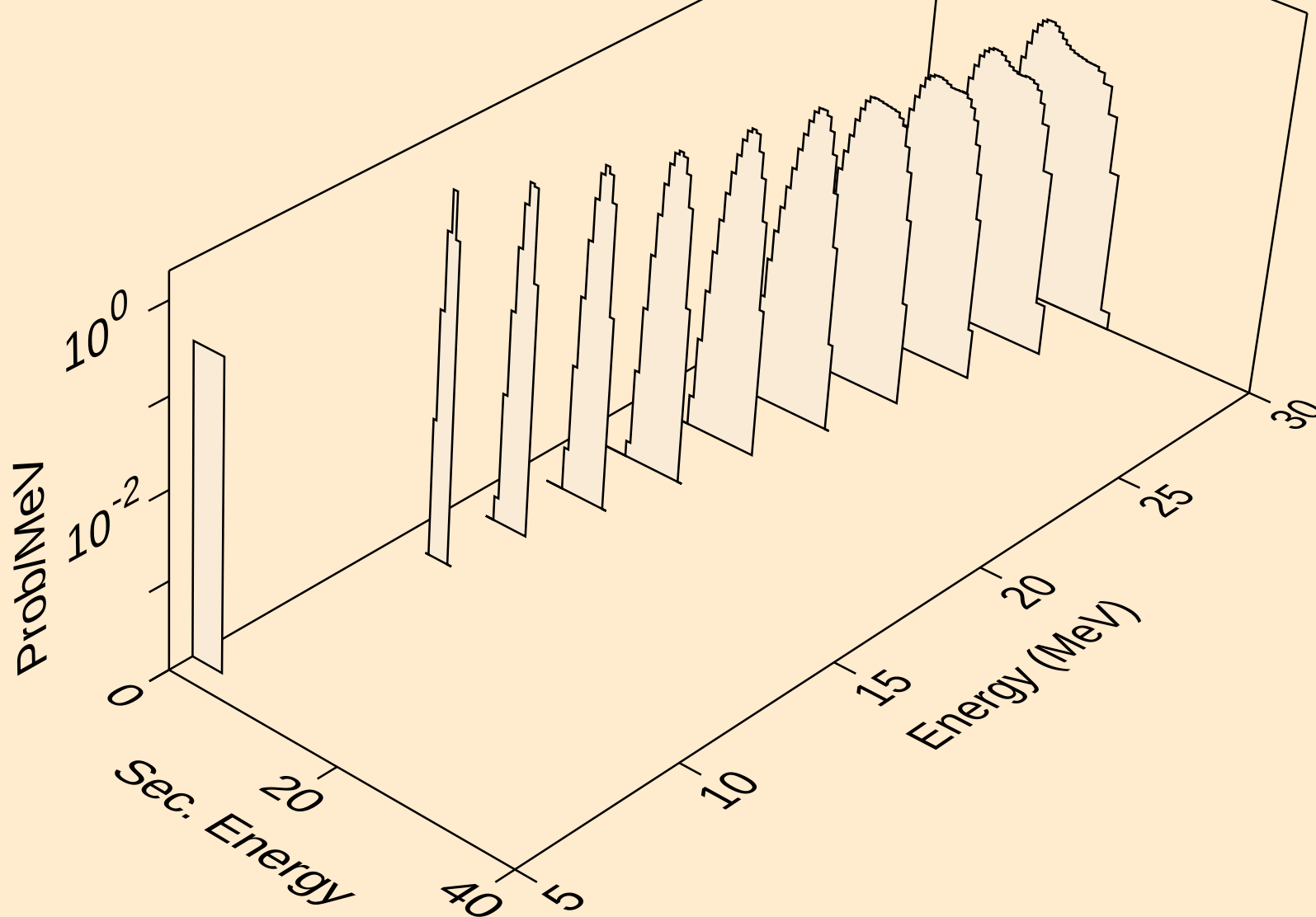
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alphas from (s,x)



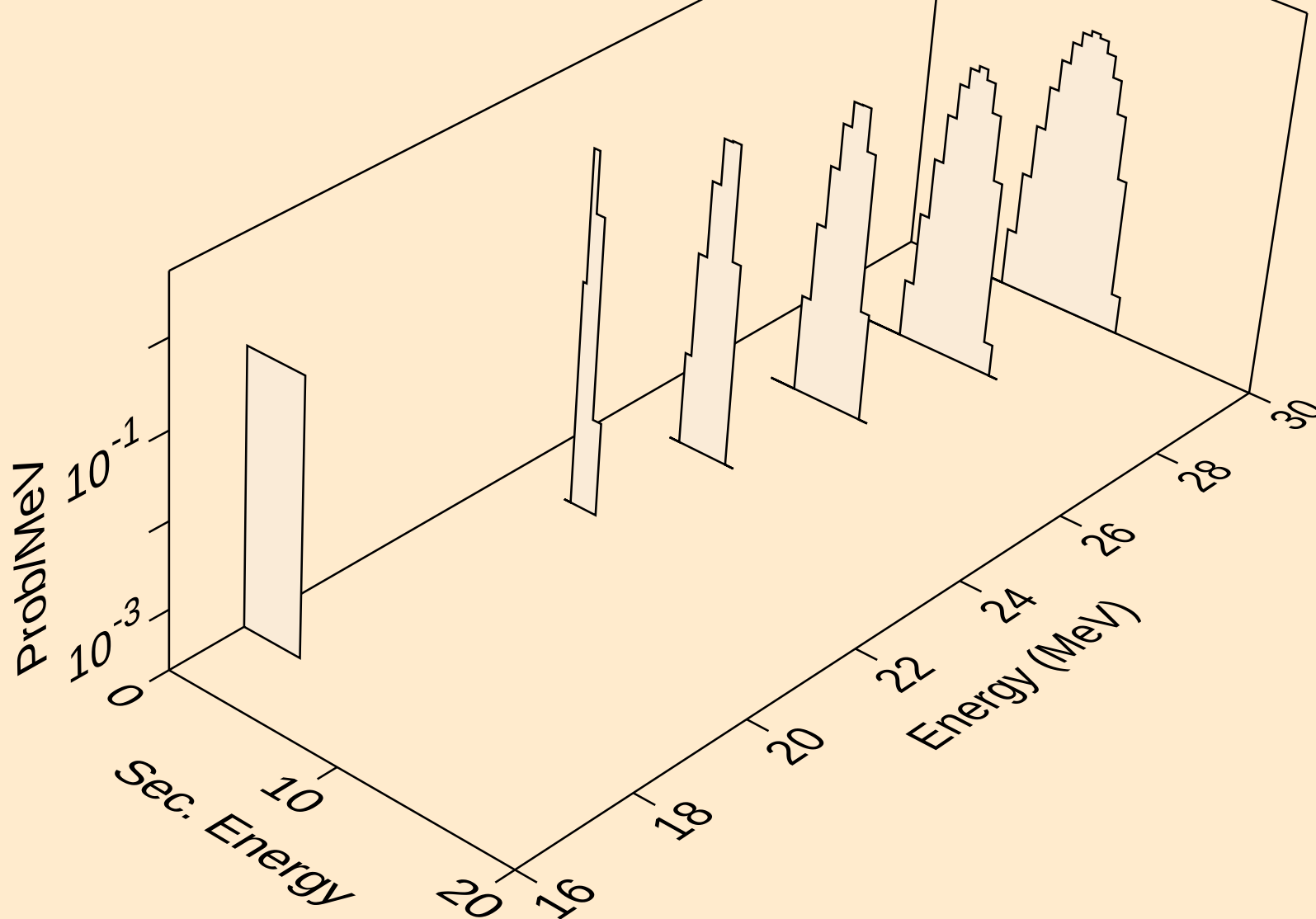
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alphas from (s,n*)a



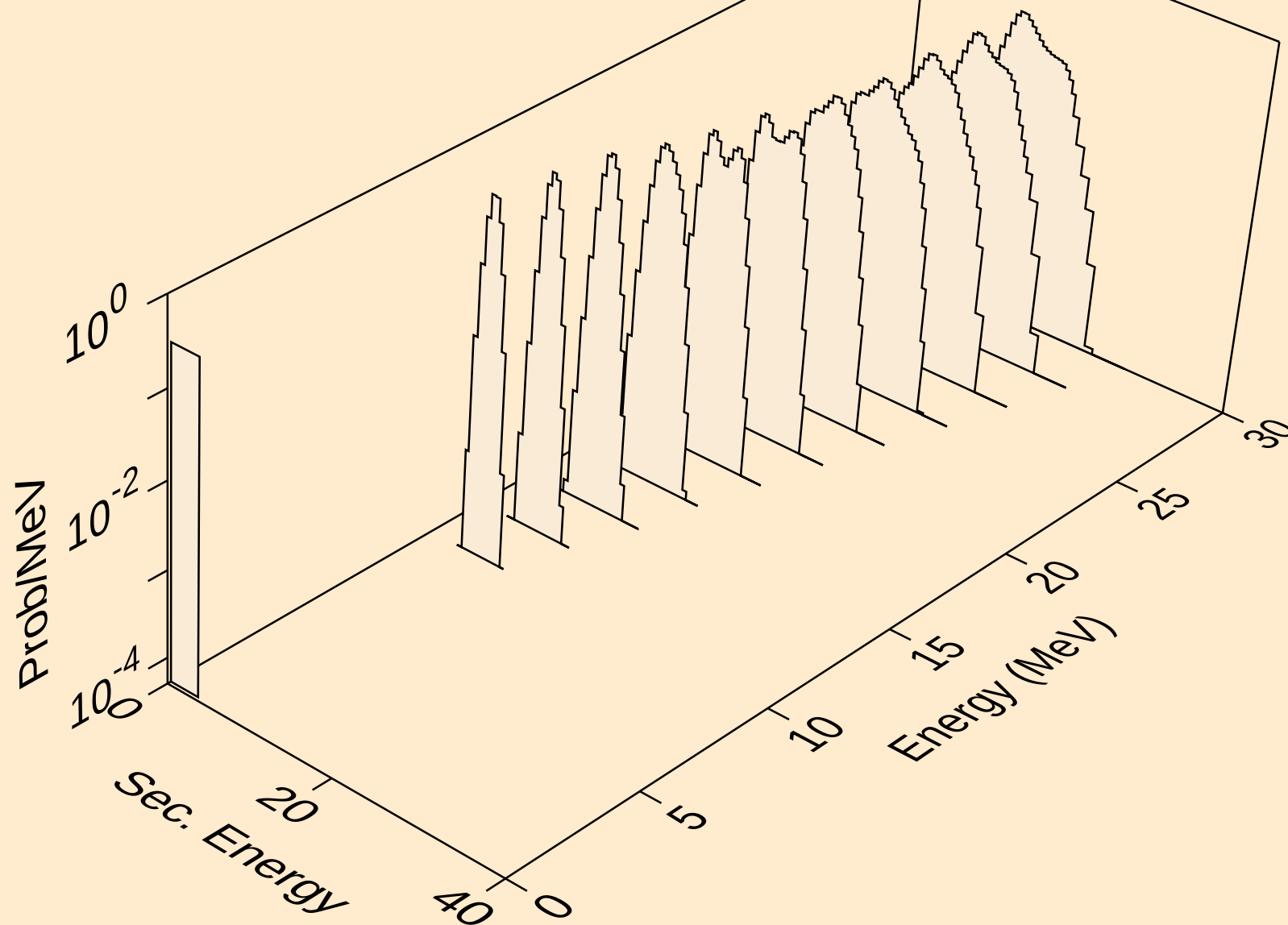
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alphas from (s,2n)a



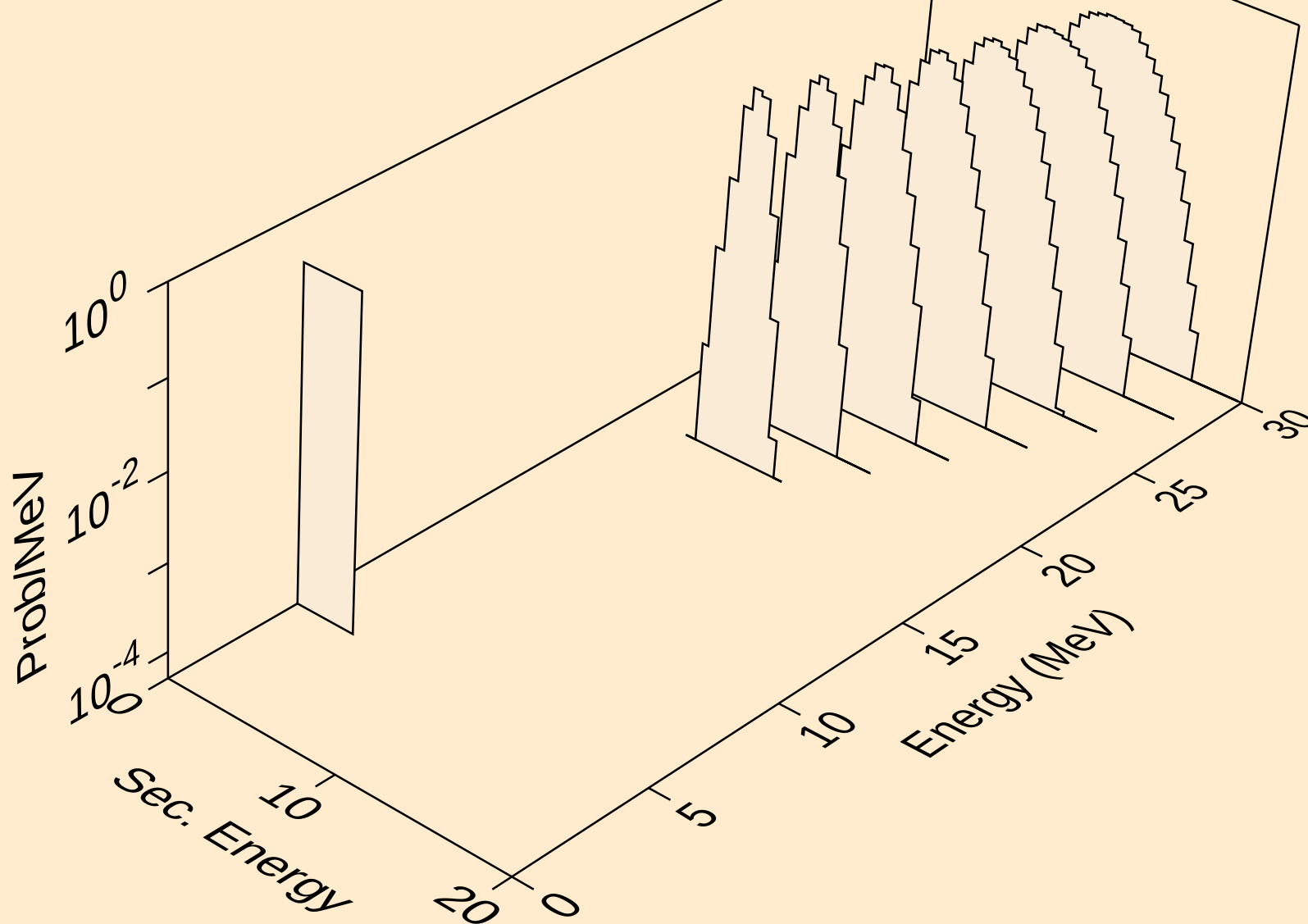
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alphas from (s,3n)a



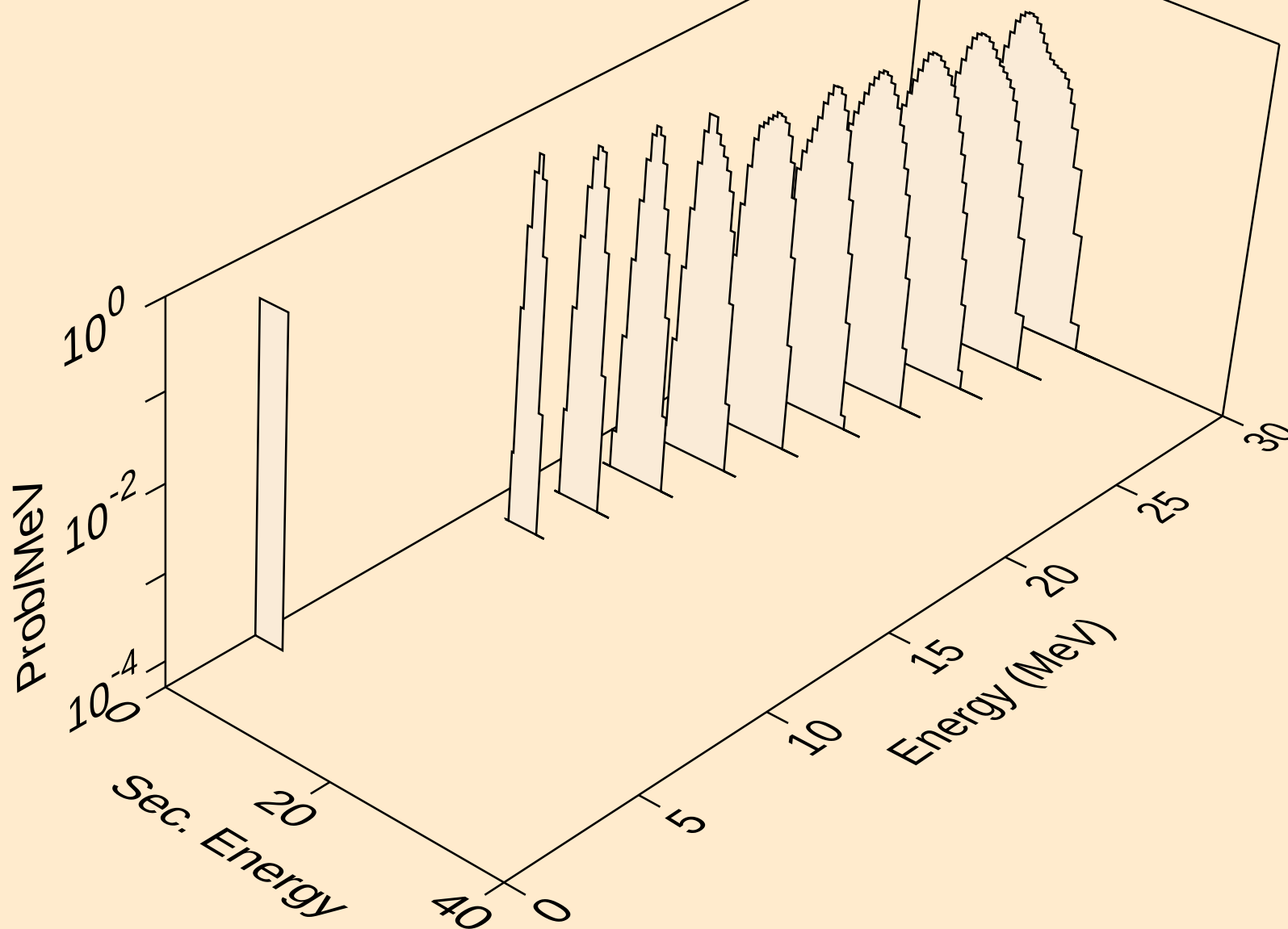
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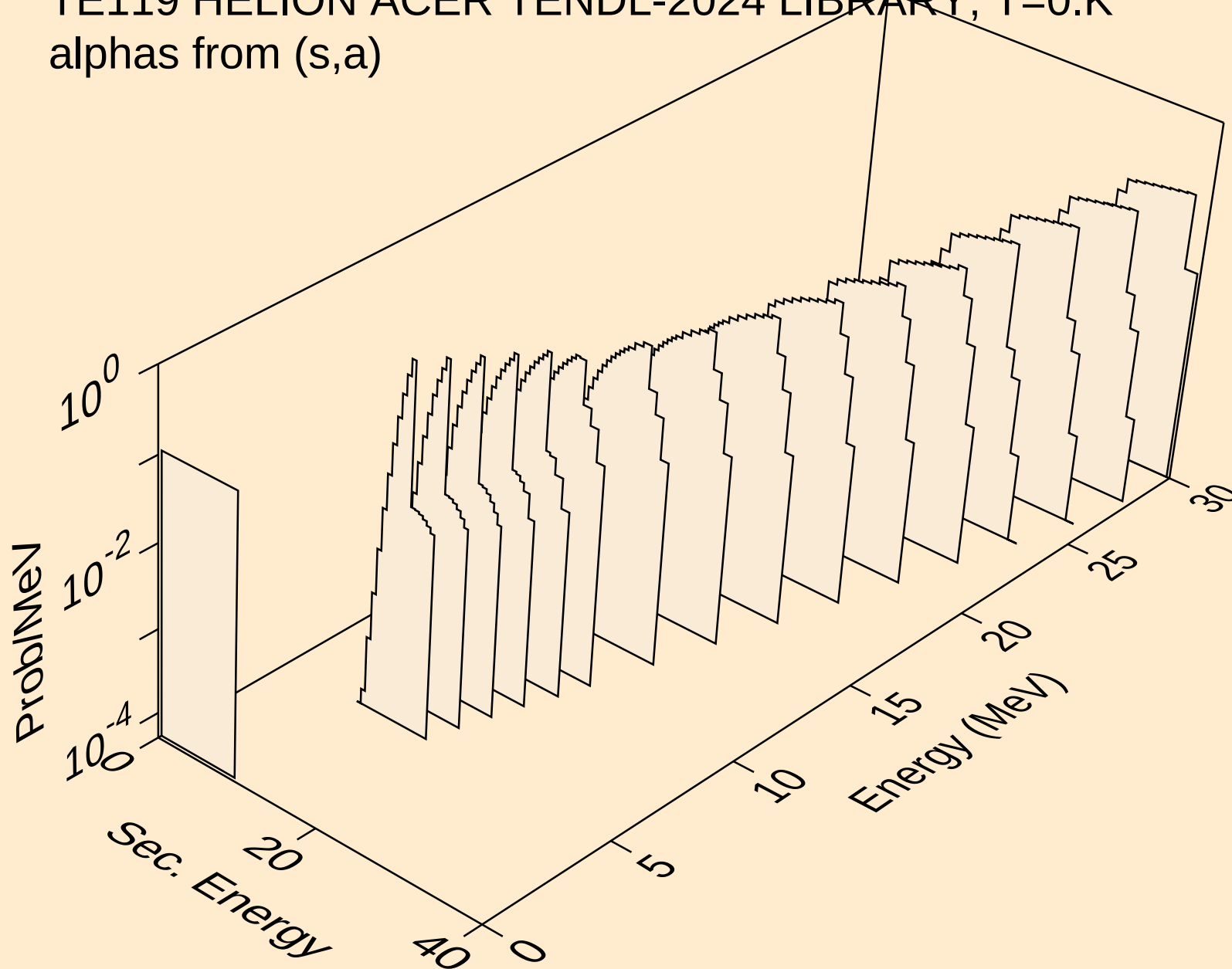
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alphas from (s,2n)2a



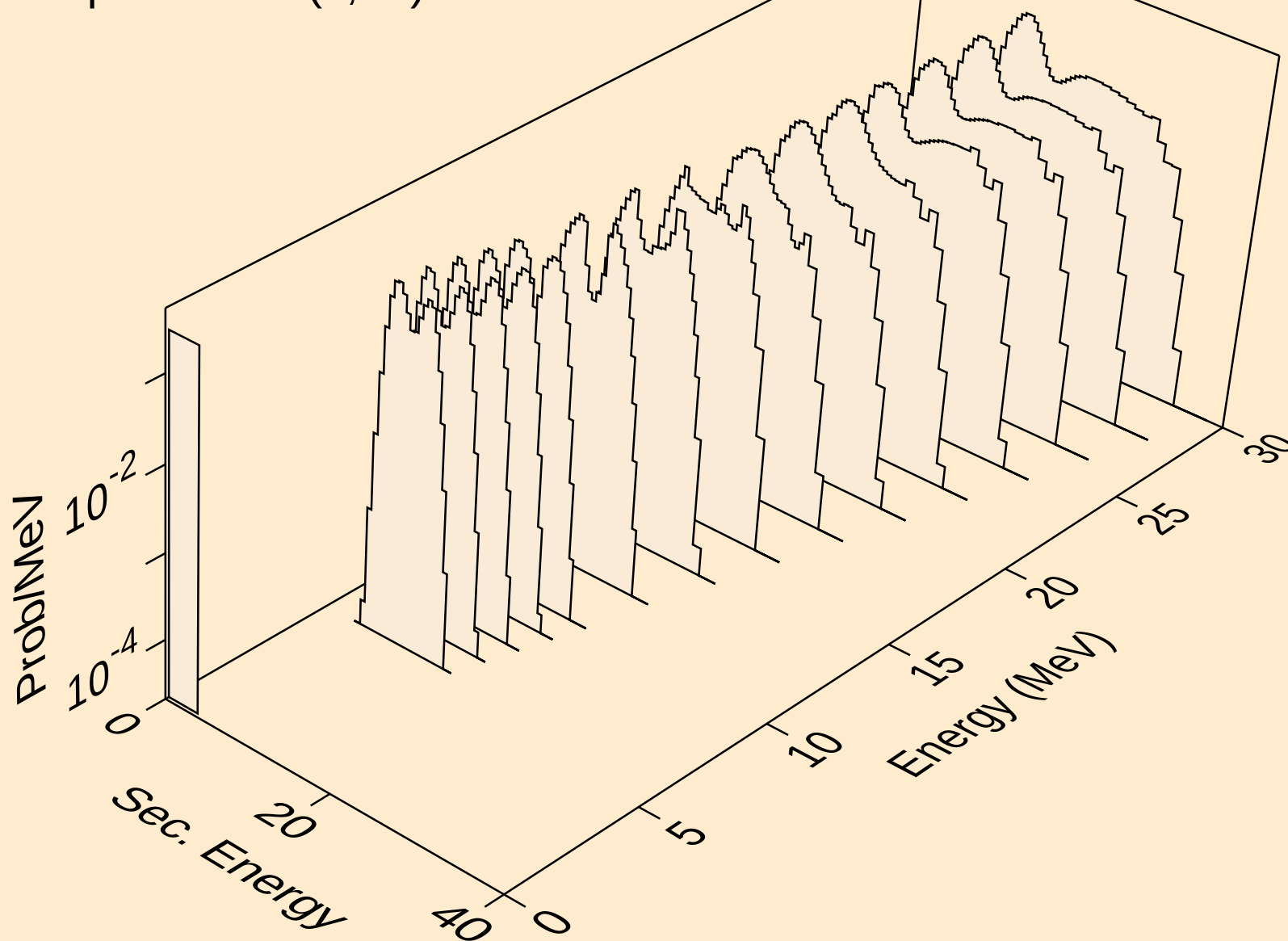
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alphas from (s,npa)



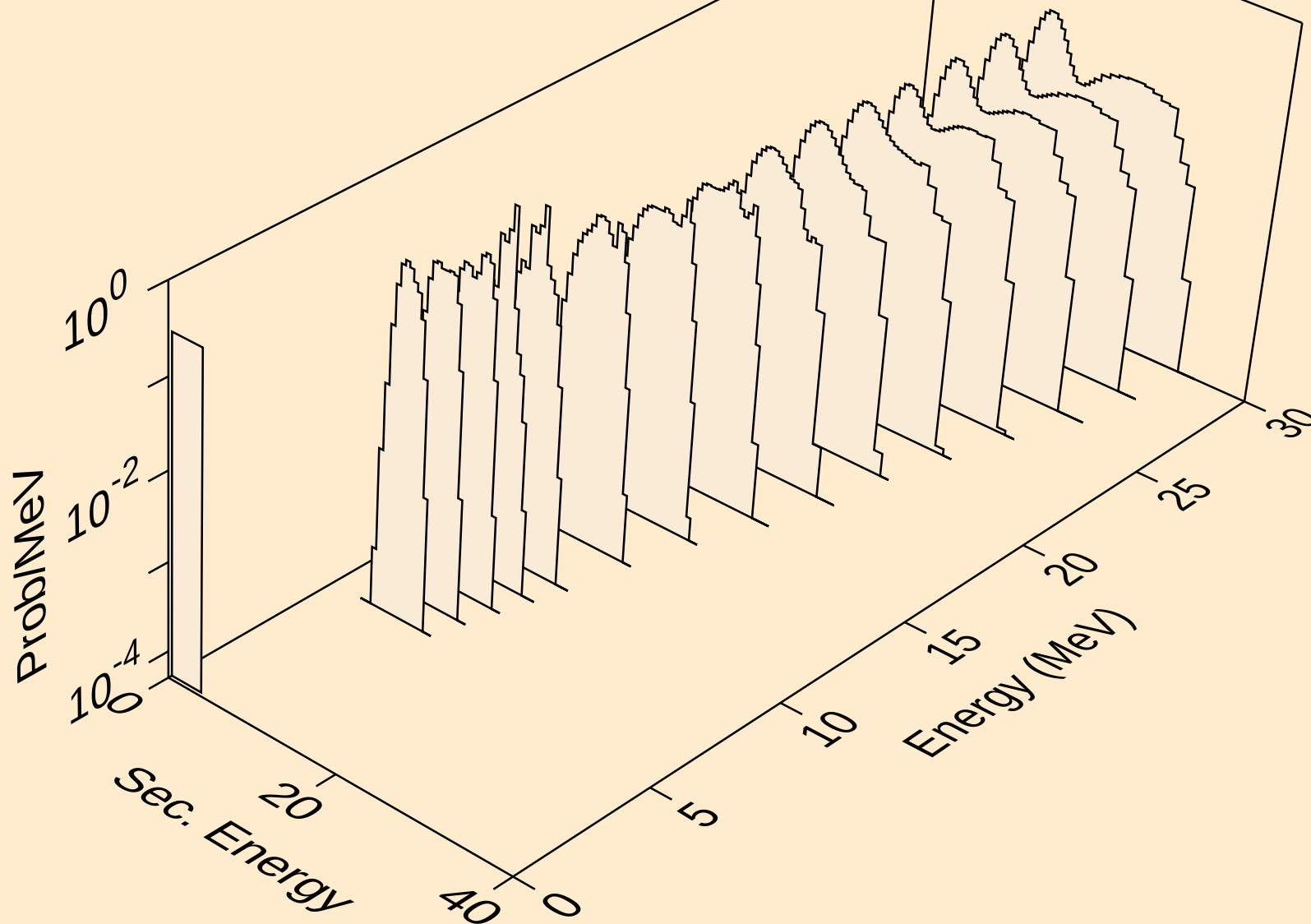
TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,a)



TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,2a)



TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,pa)



TE119 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,da)

