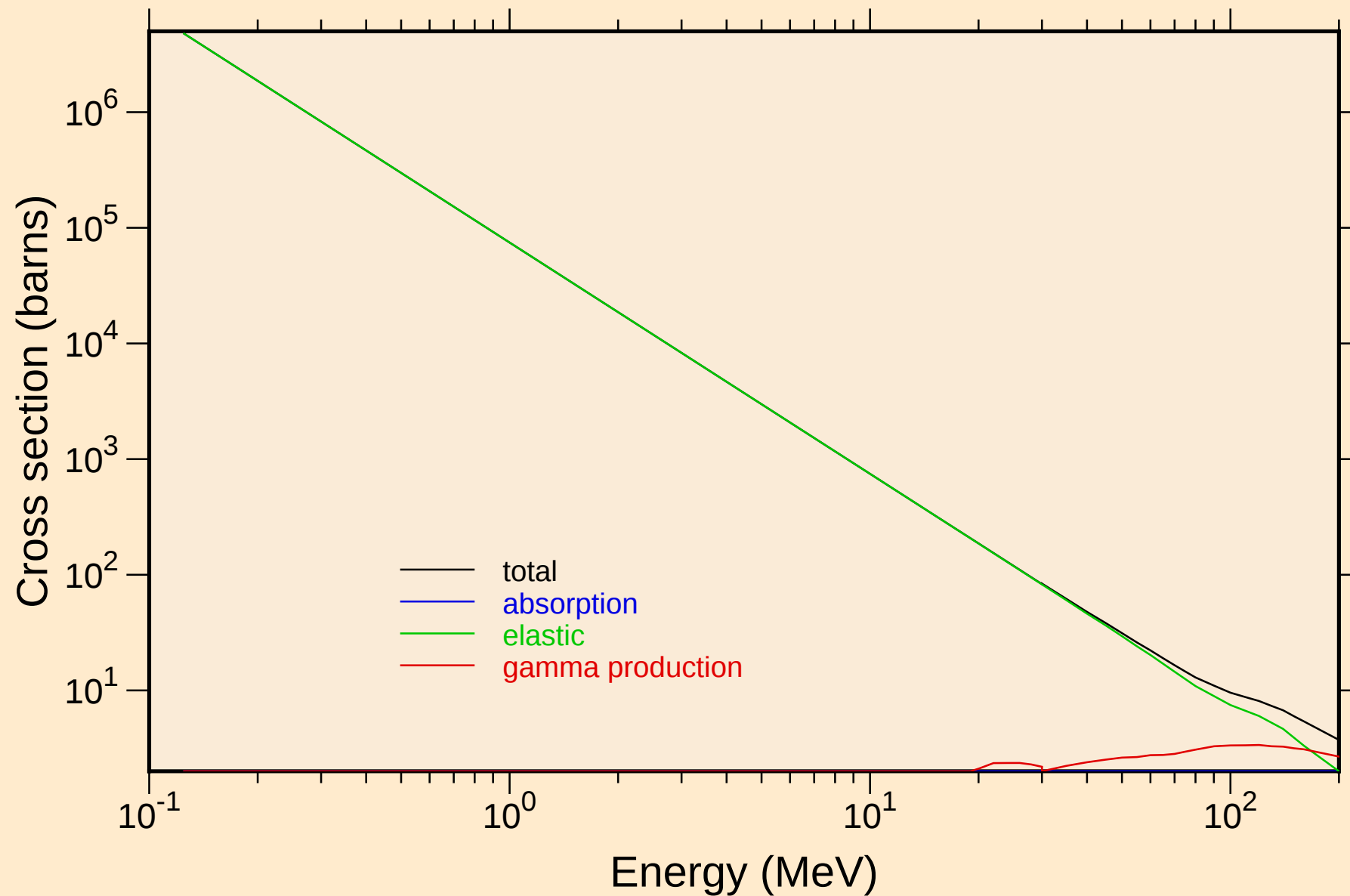


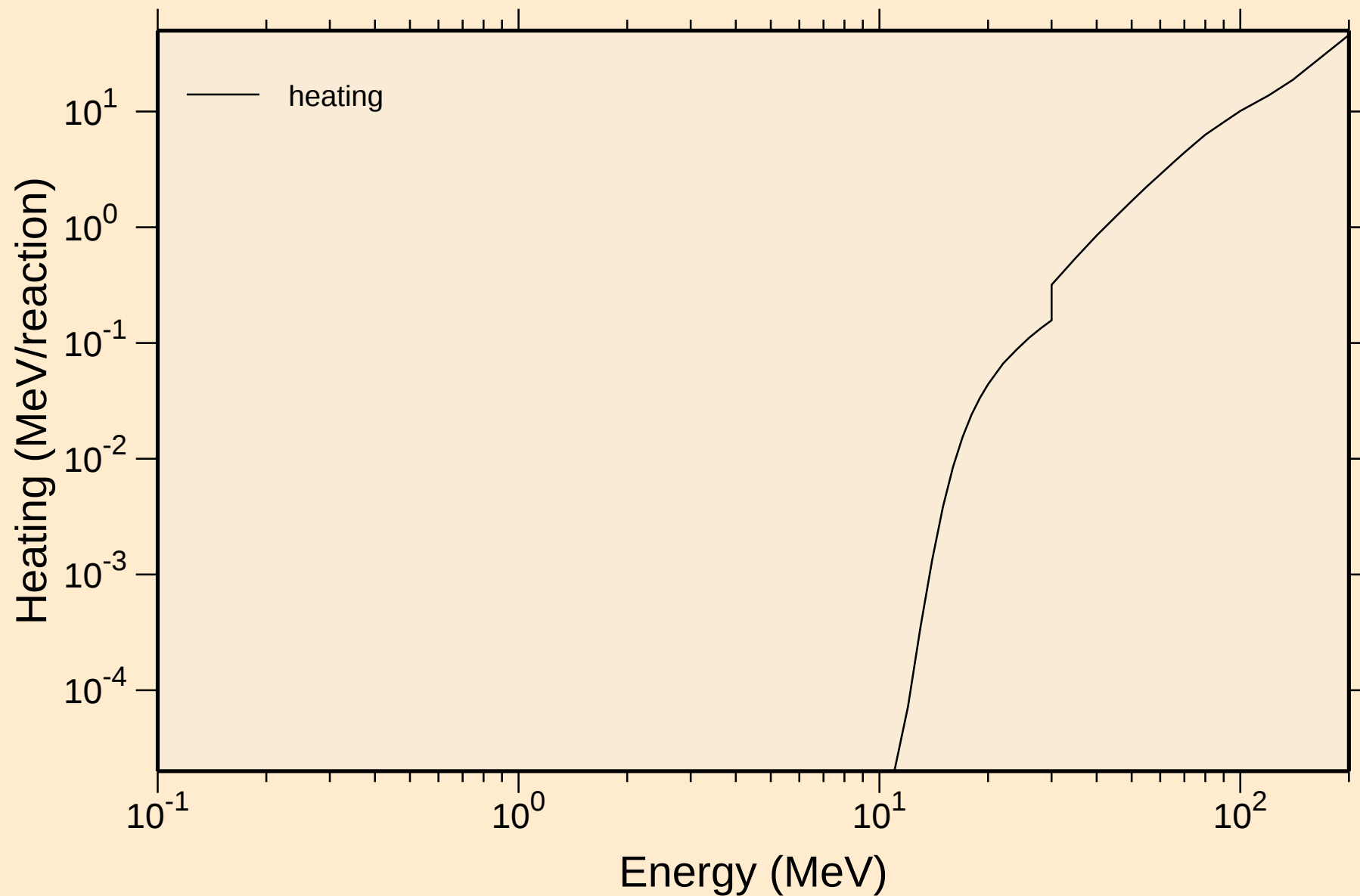
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



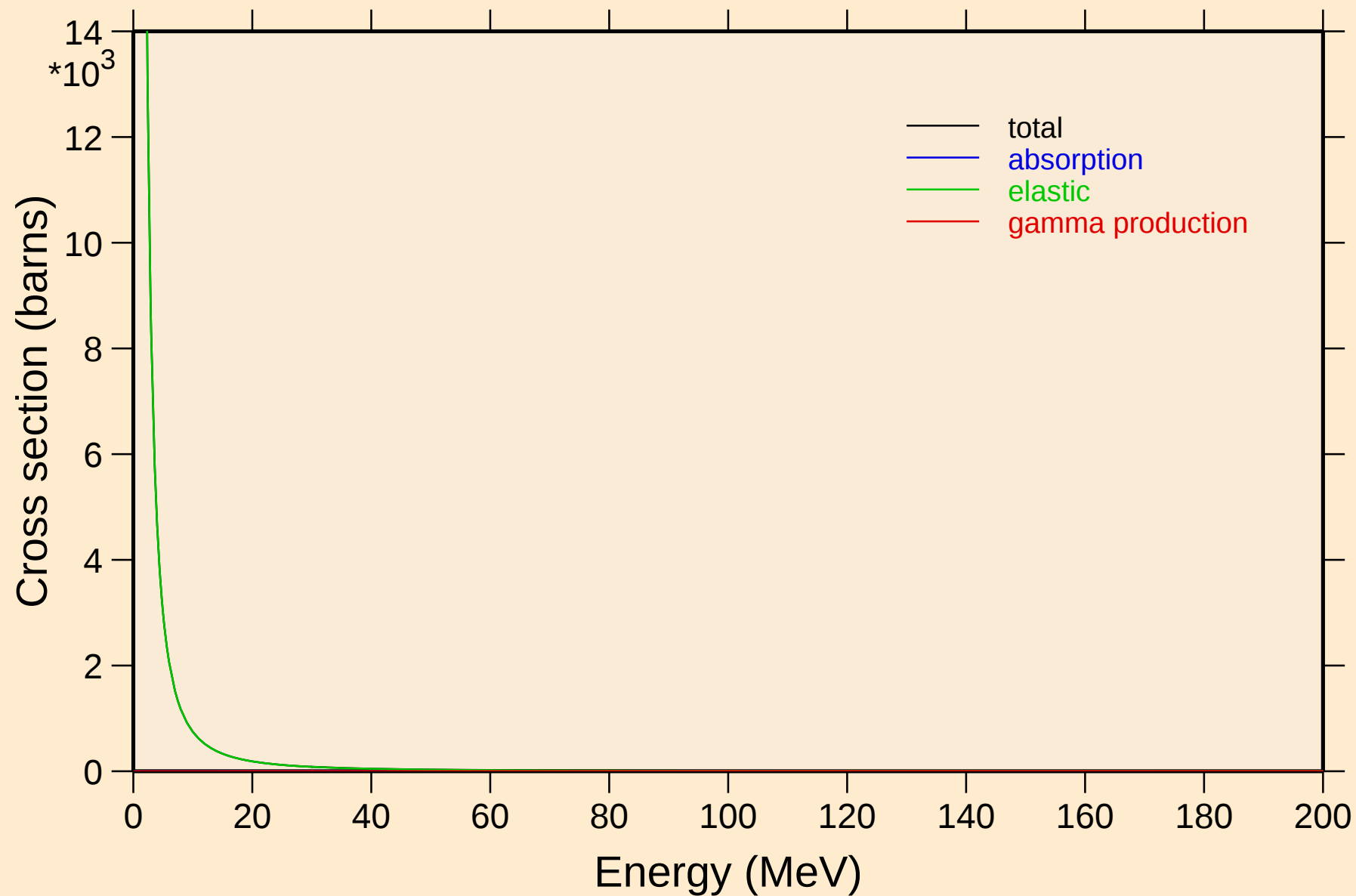
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



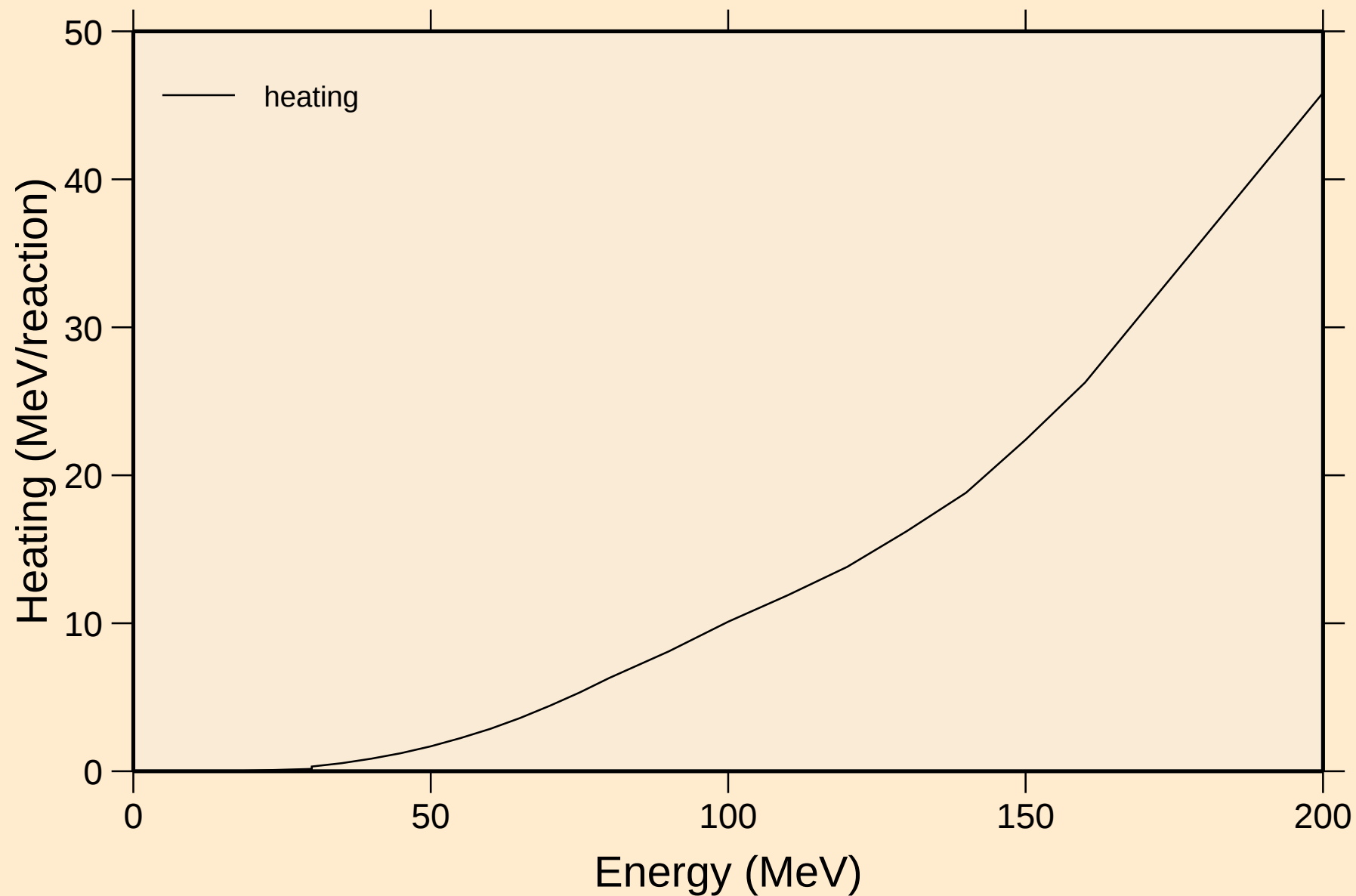
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Principal cross sections



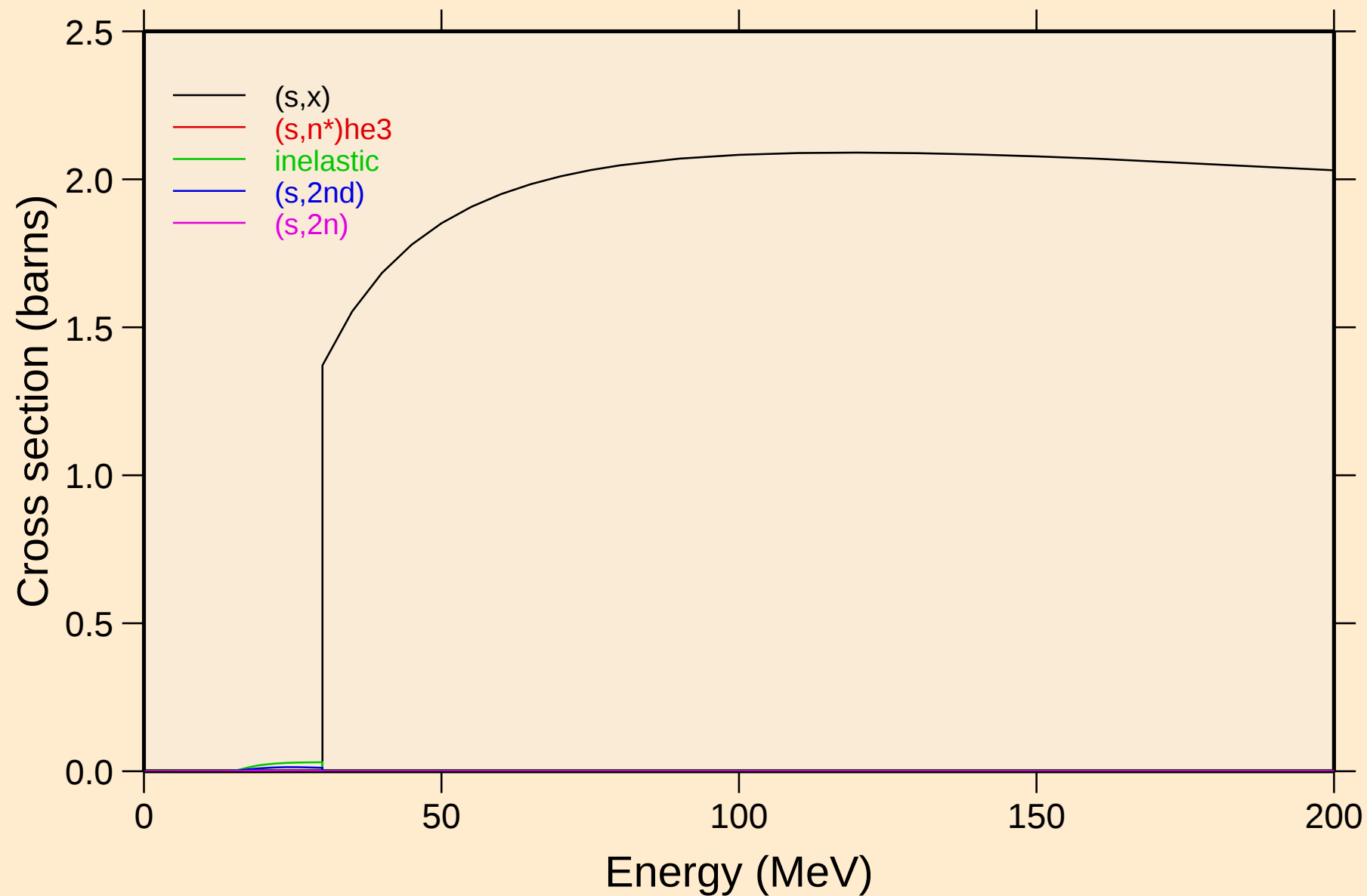
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Heating



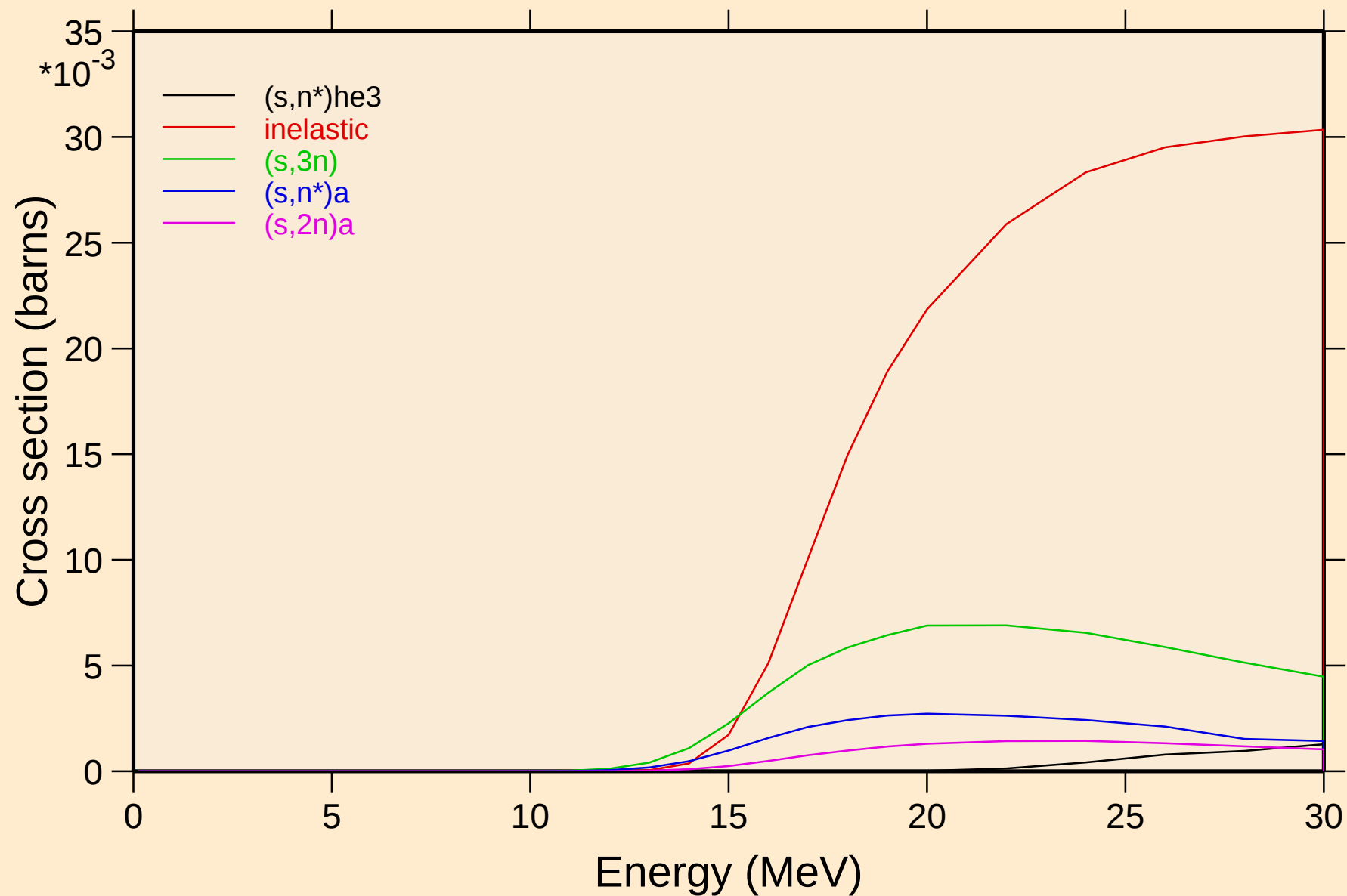
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Threshold reactions



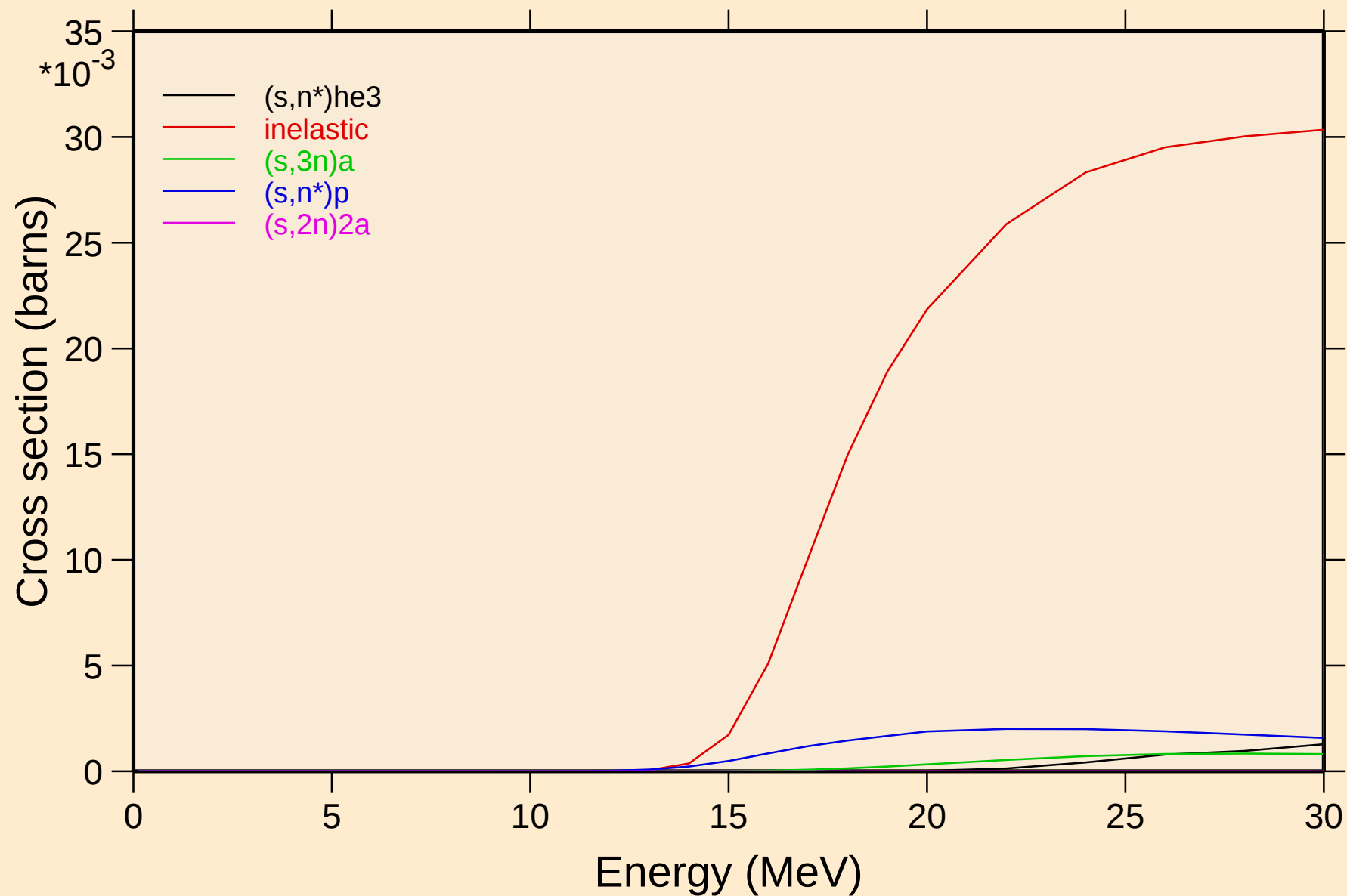
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Threshold reactions



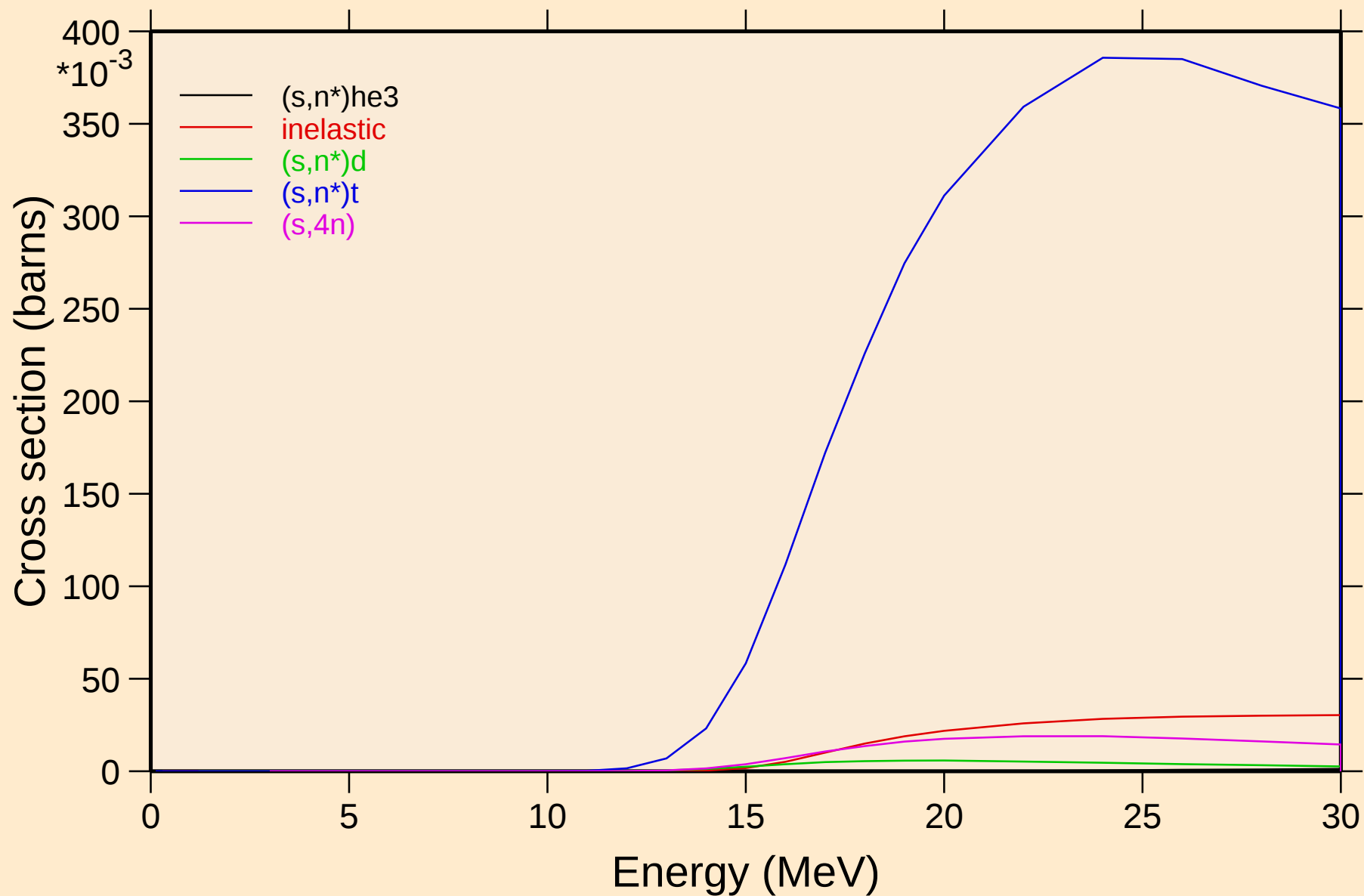
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Threshold reactions



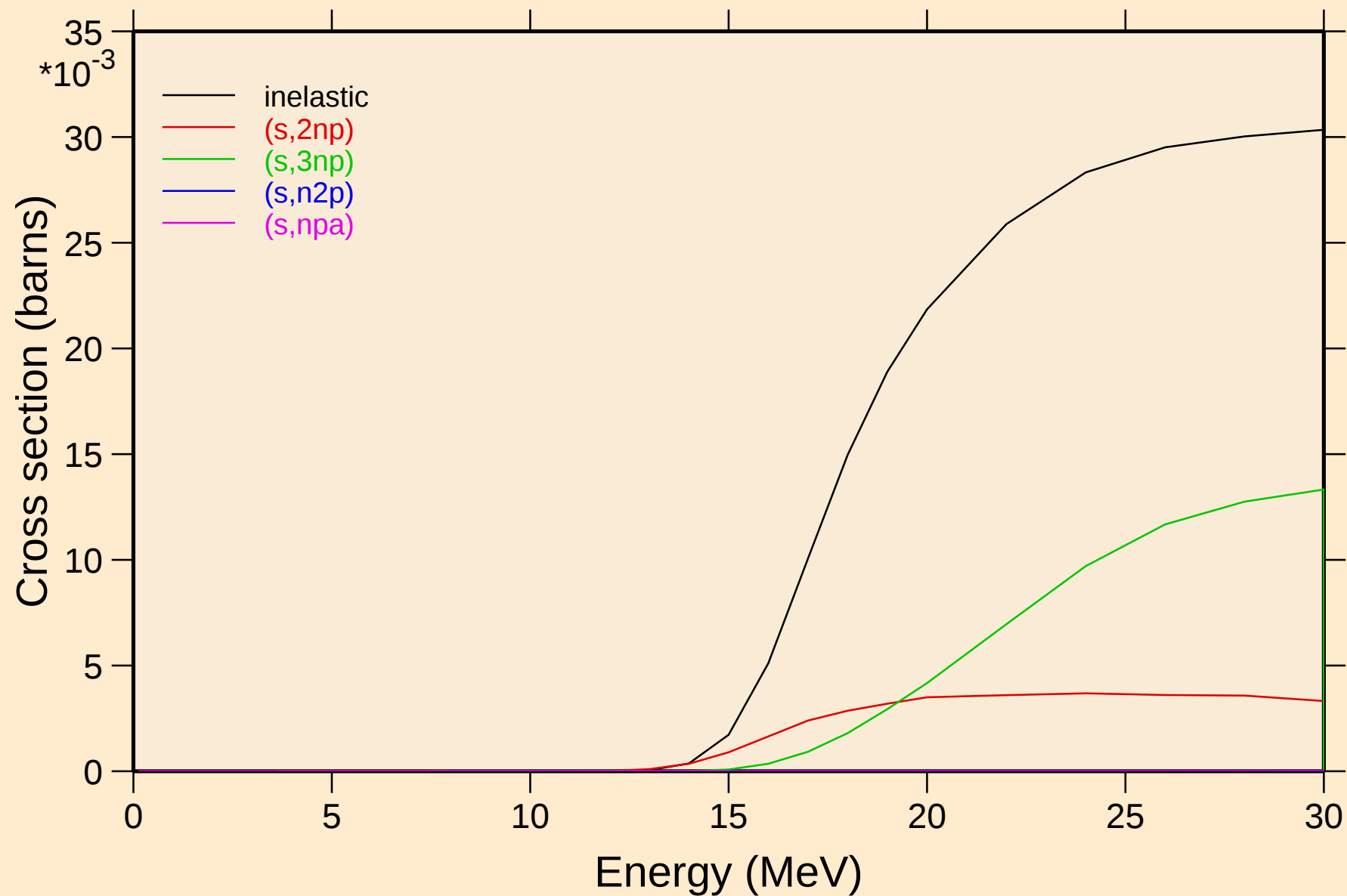
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Threshold reactions



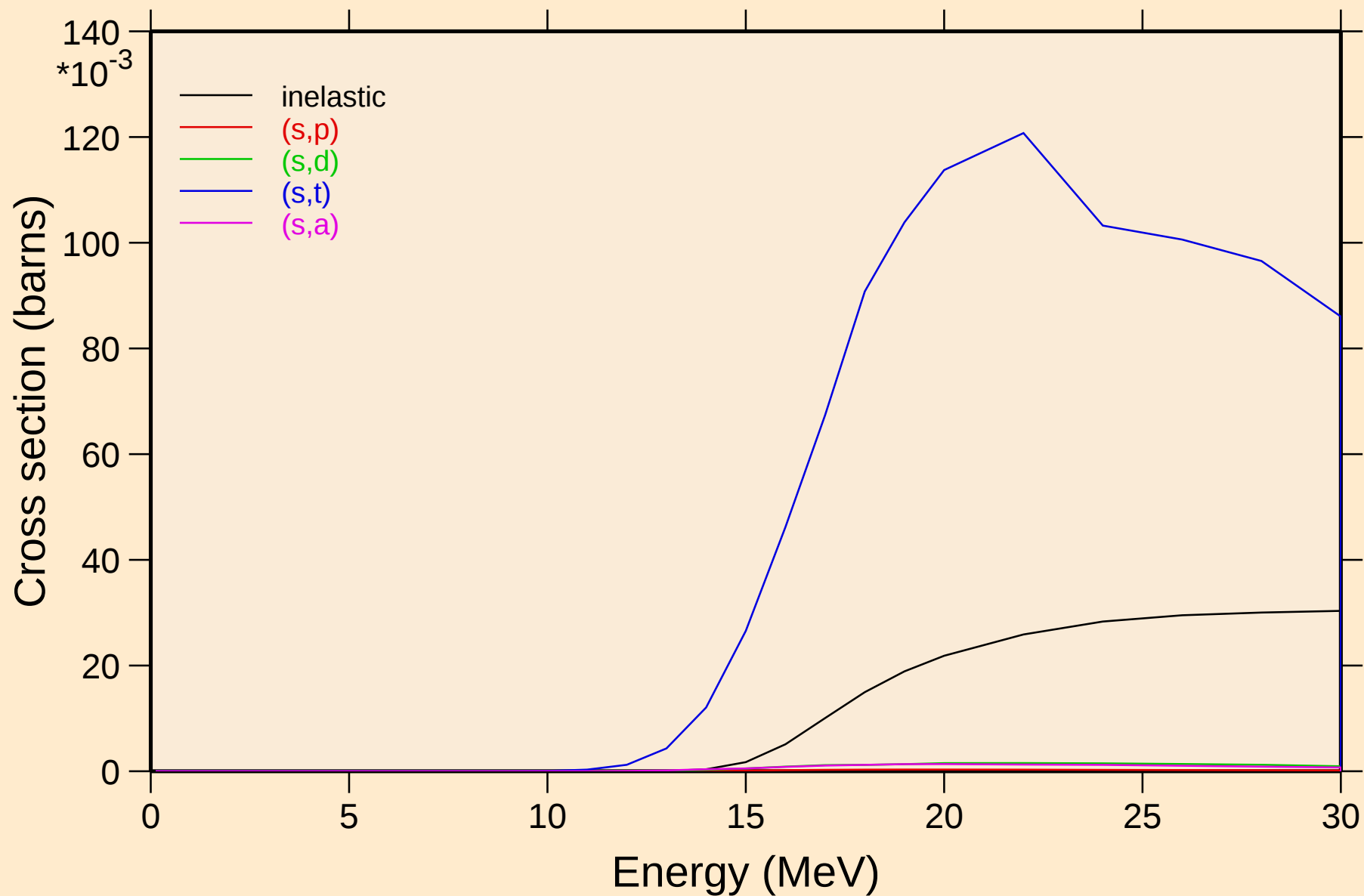
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Threshold reactions



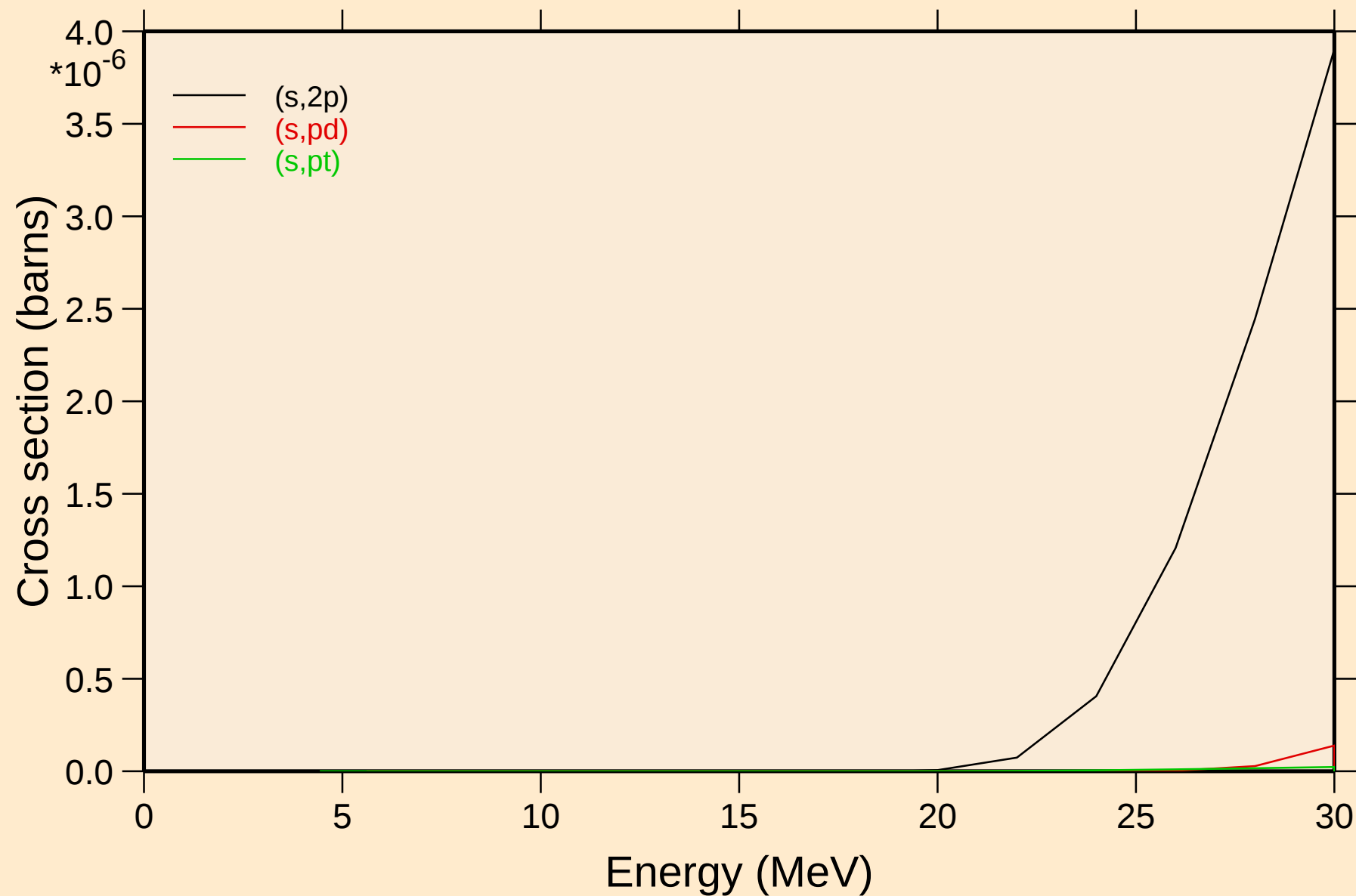
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Threshold reactions

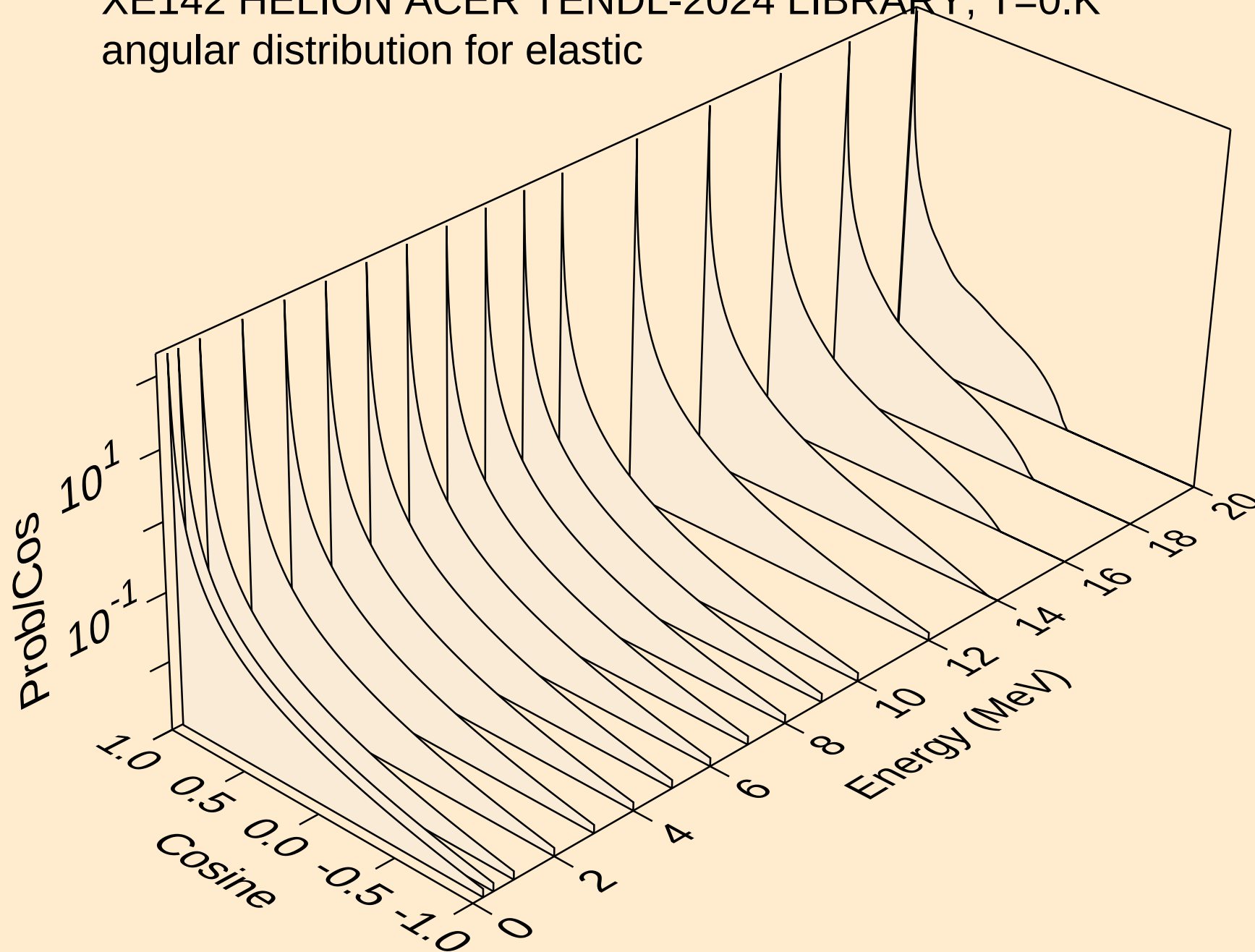


XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

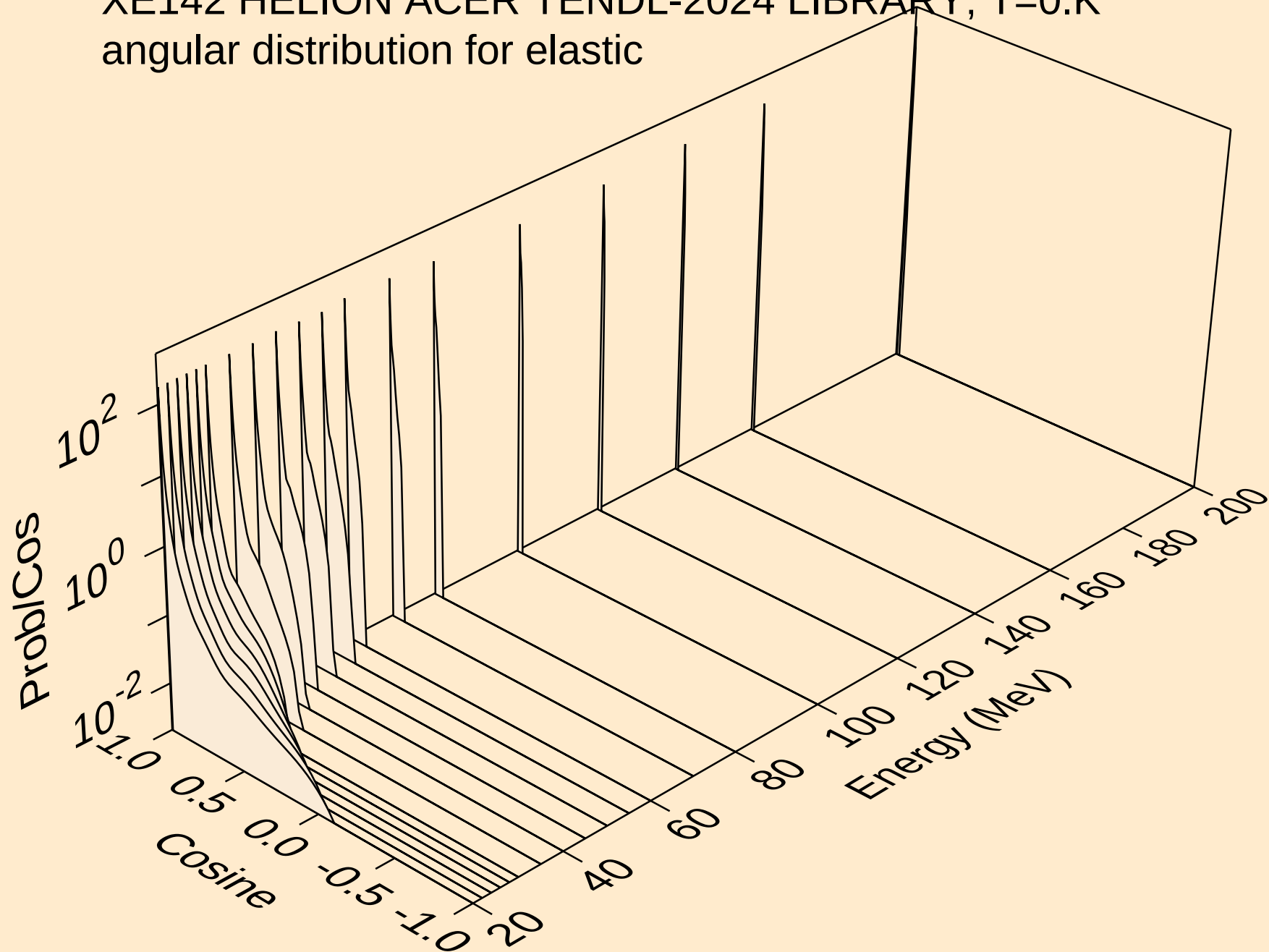
Threshold reactions



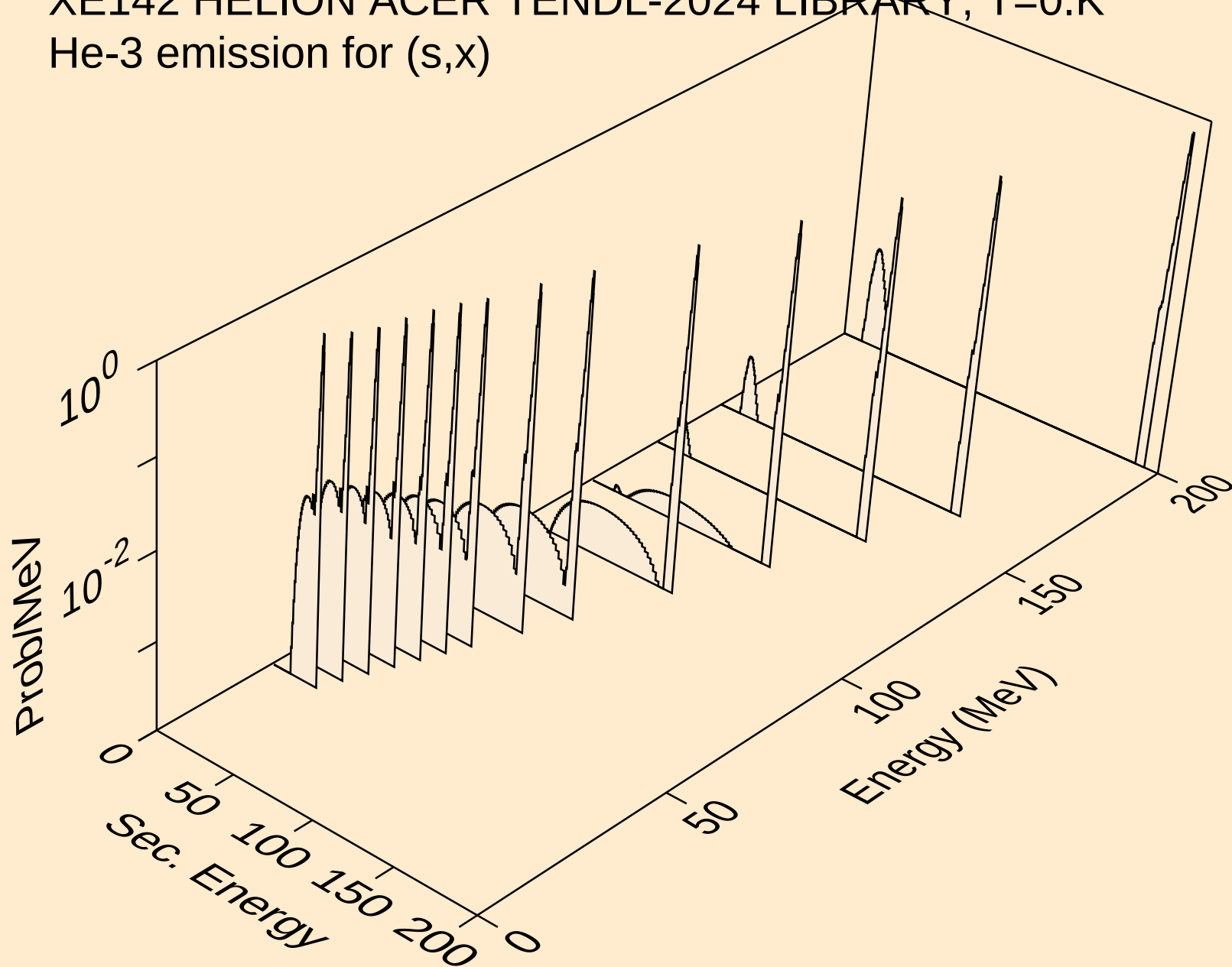
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



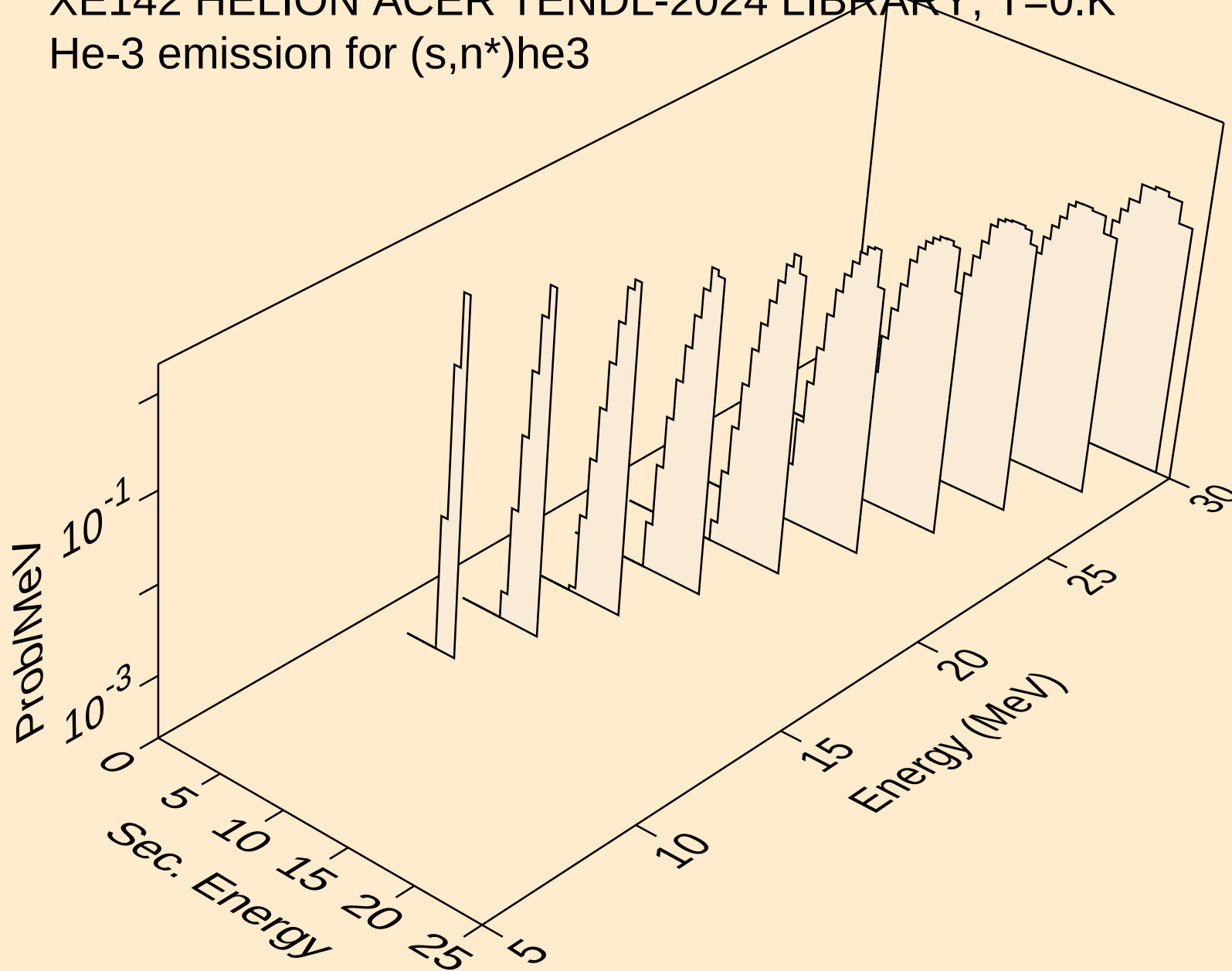
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



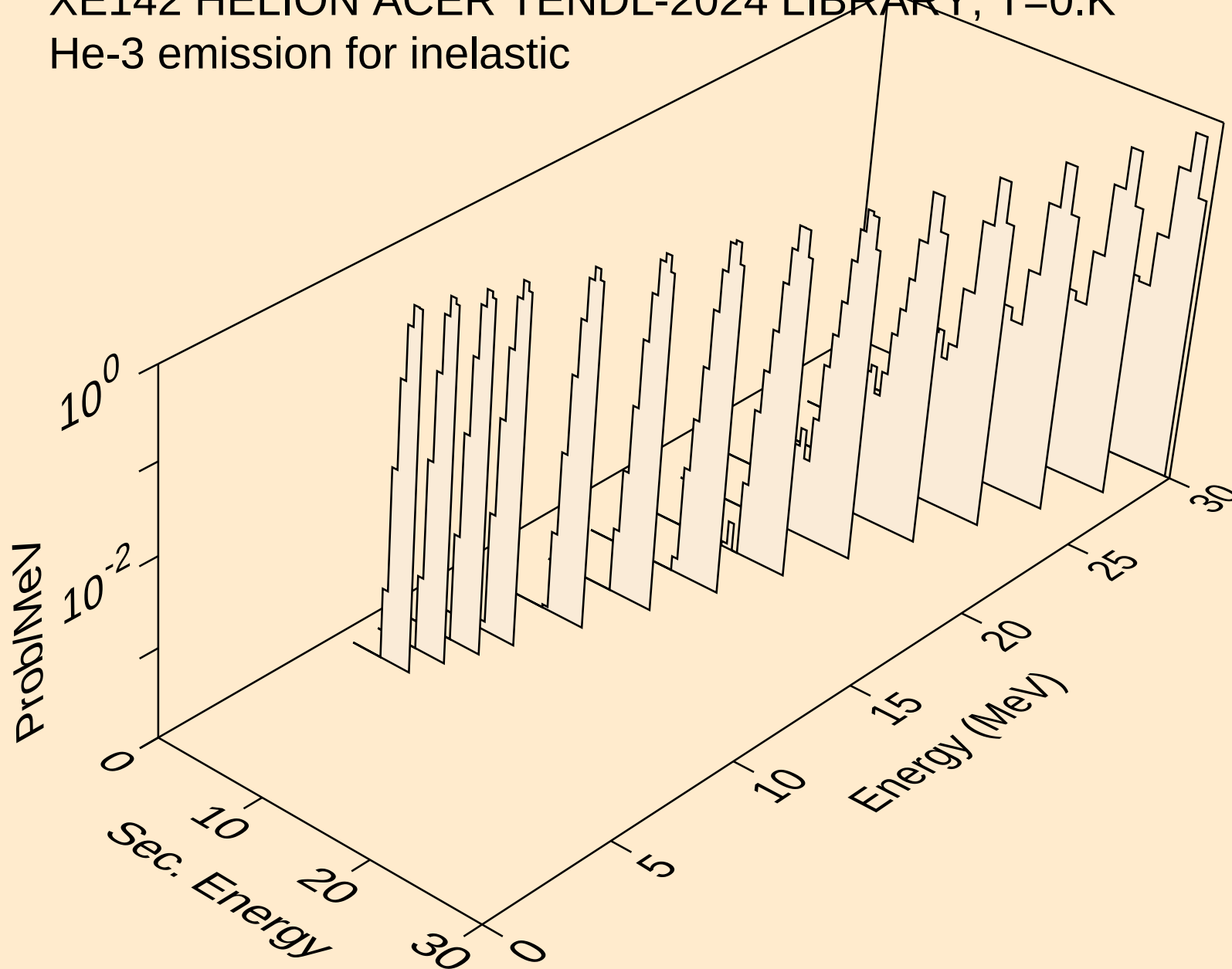
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,x)



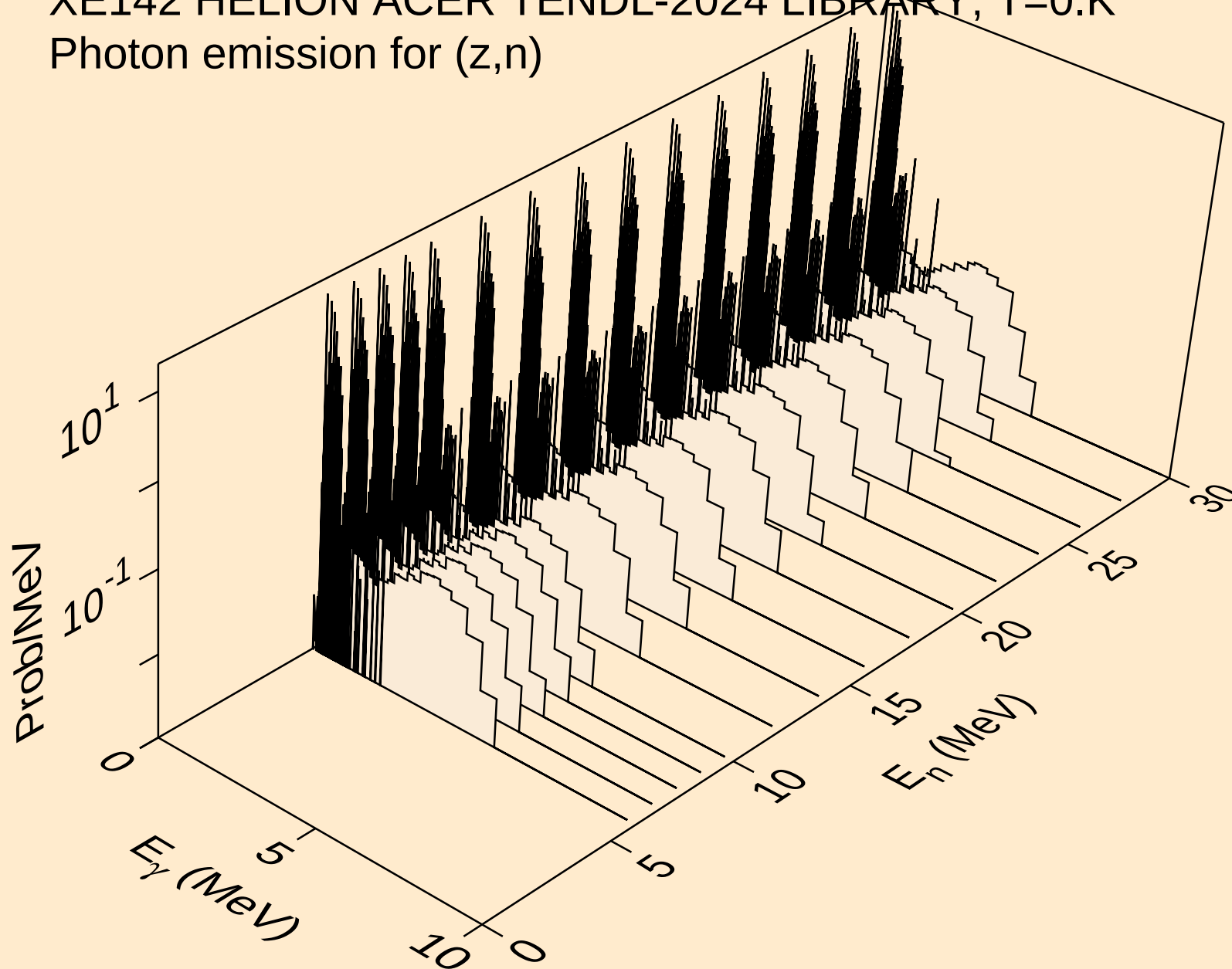
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for inelastic

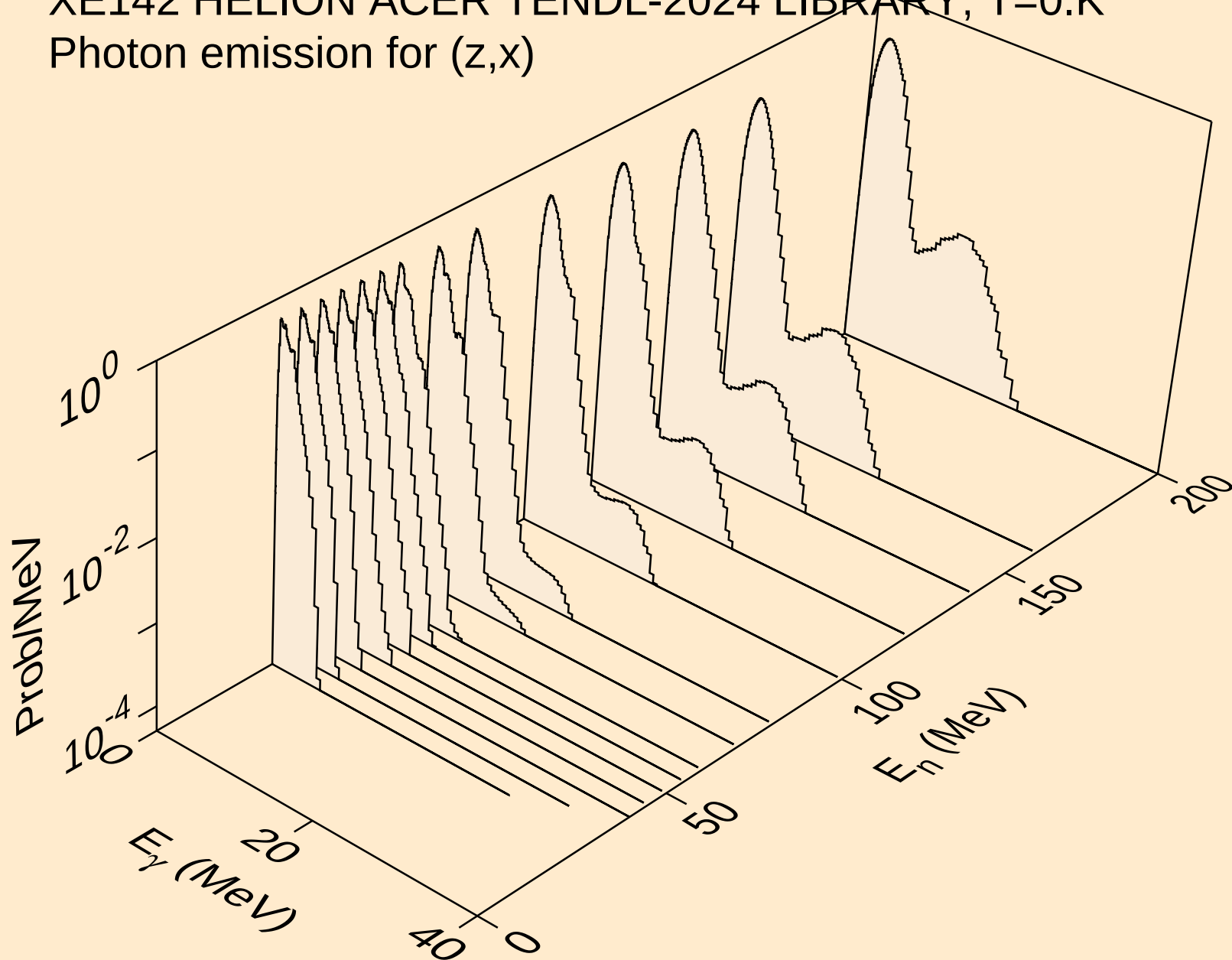


XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

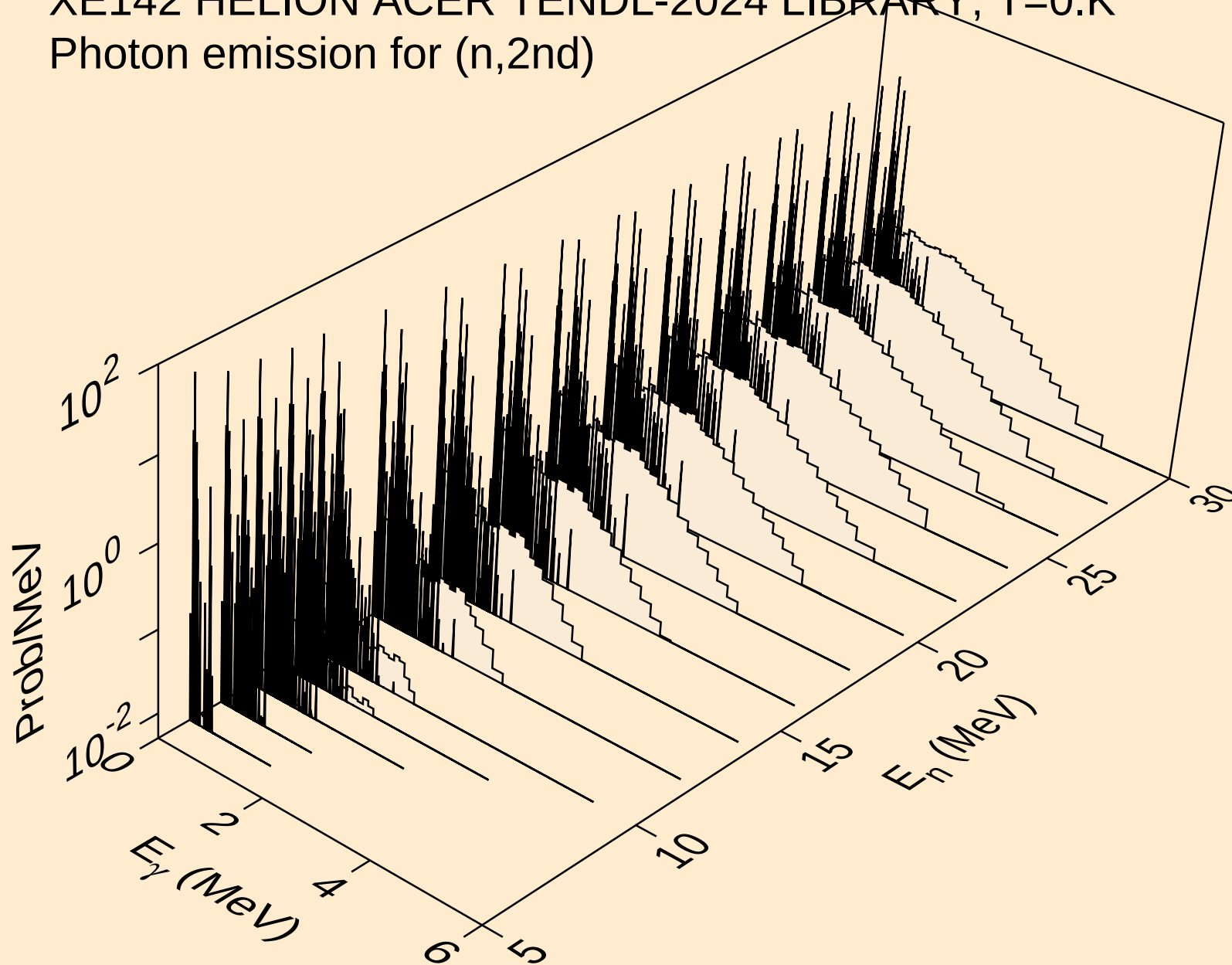


XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

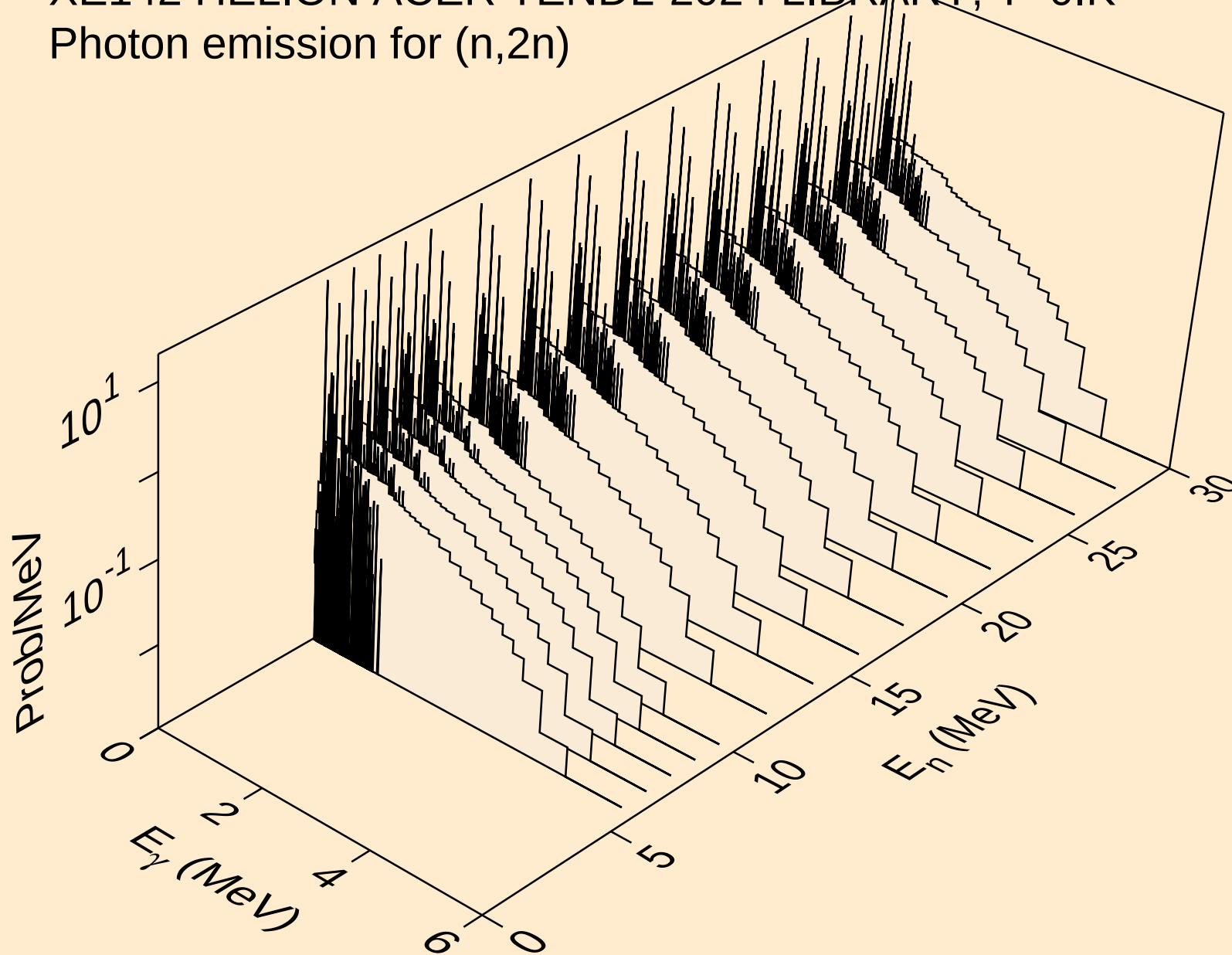
Photon emission for (z,x)



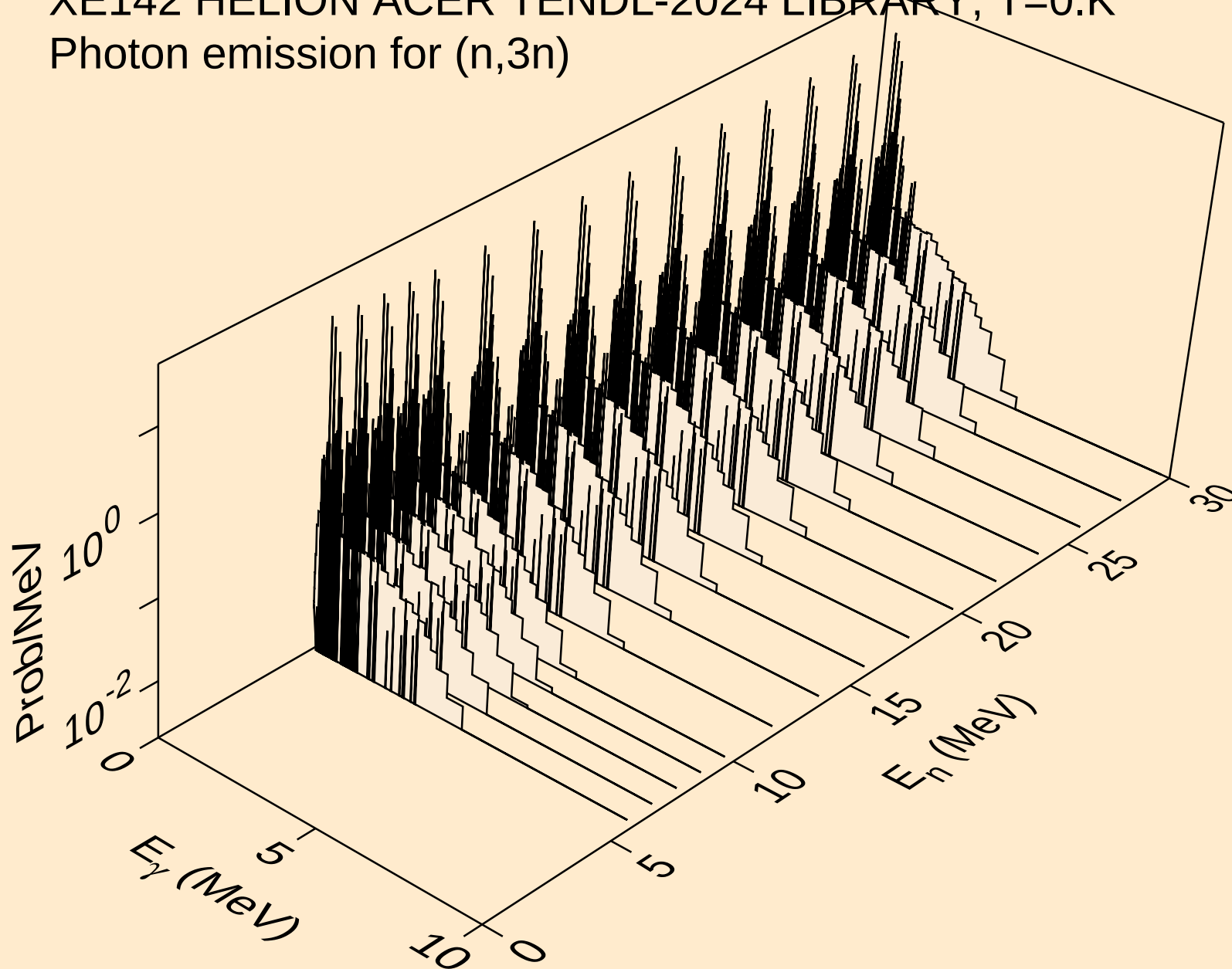
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



XE142 HELION ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2n)

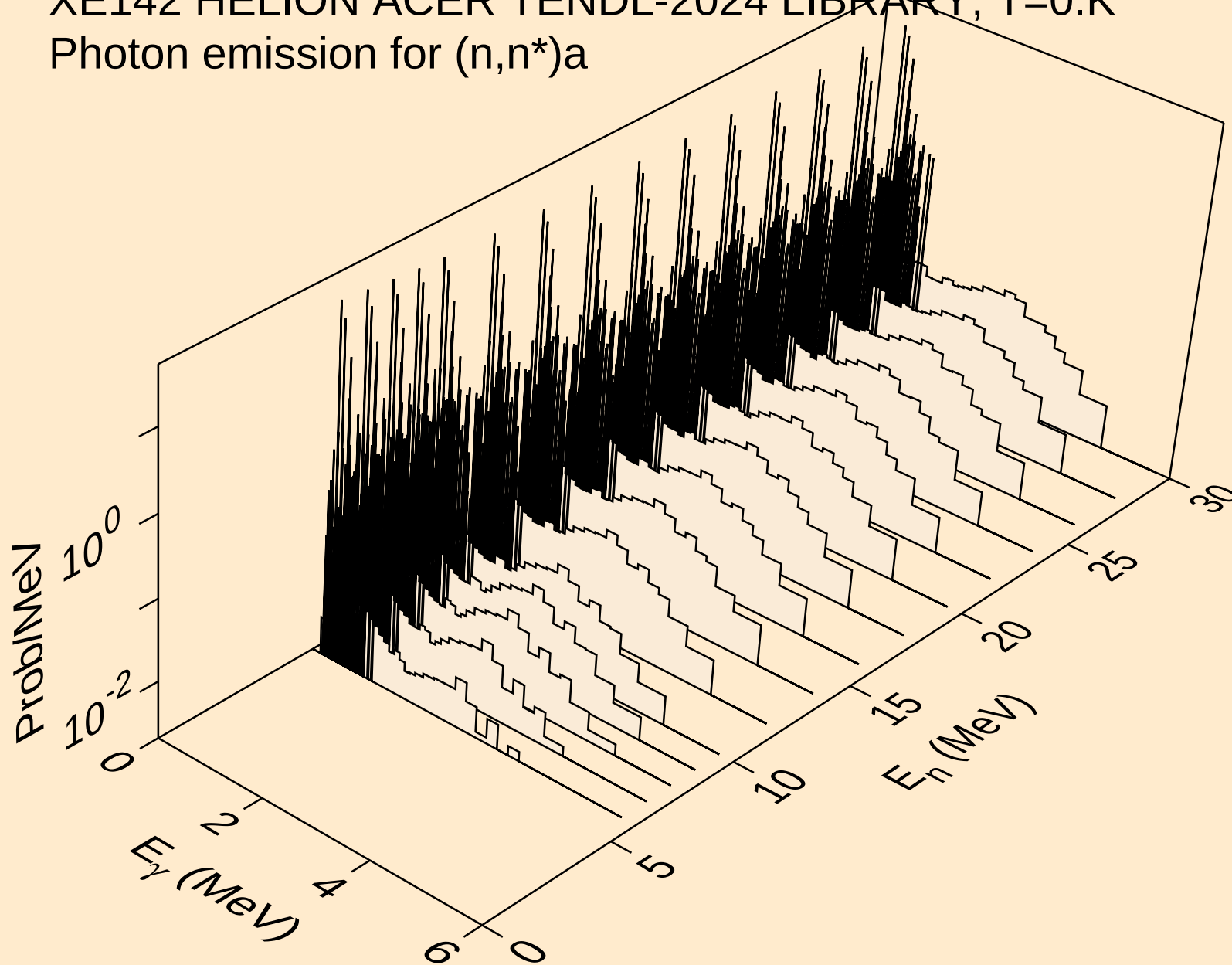


XE142 HELION ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,3n)

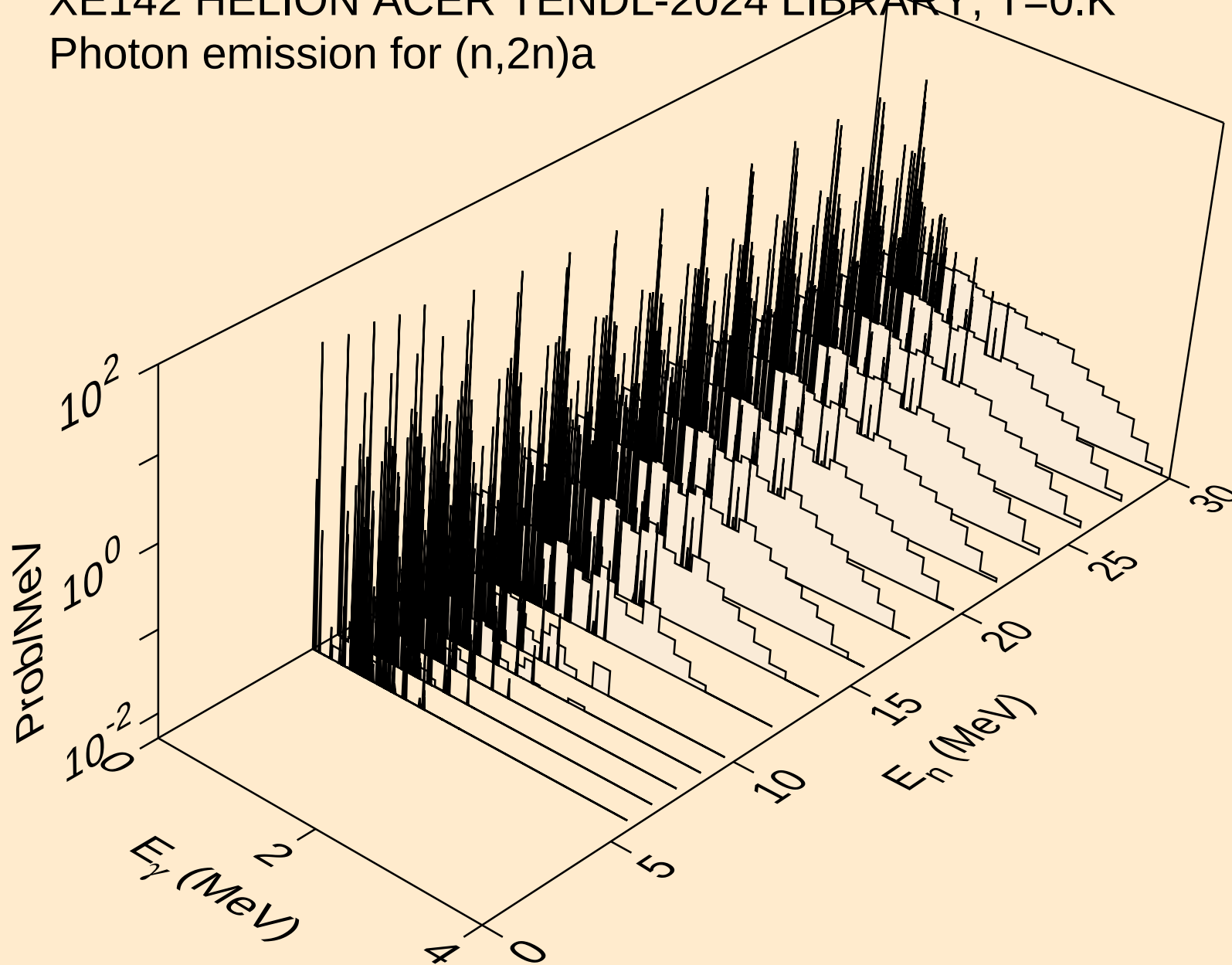


XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a

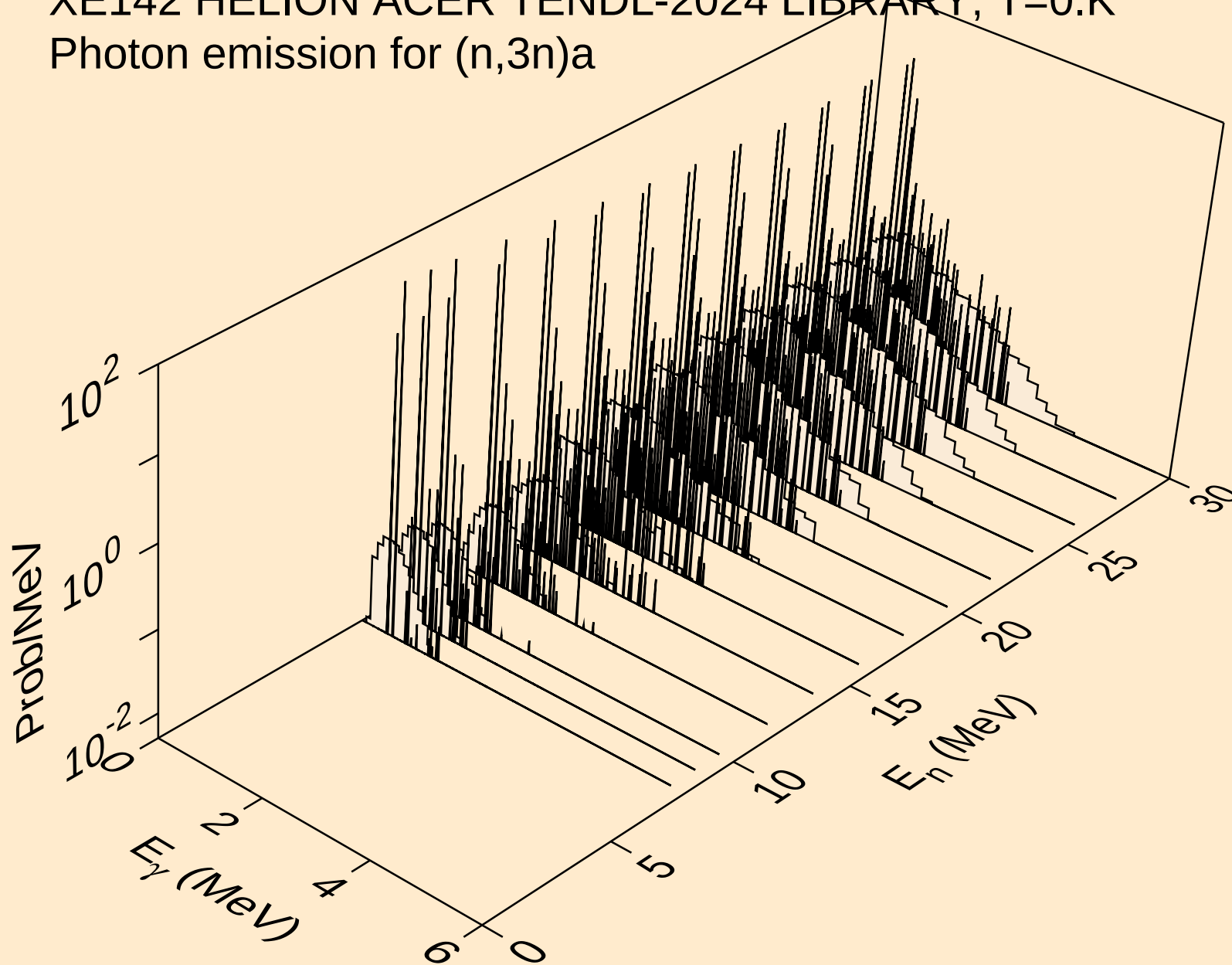


XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



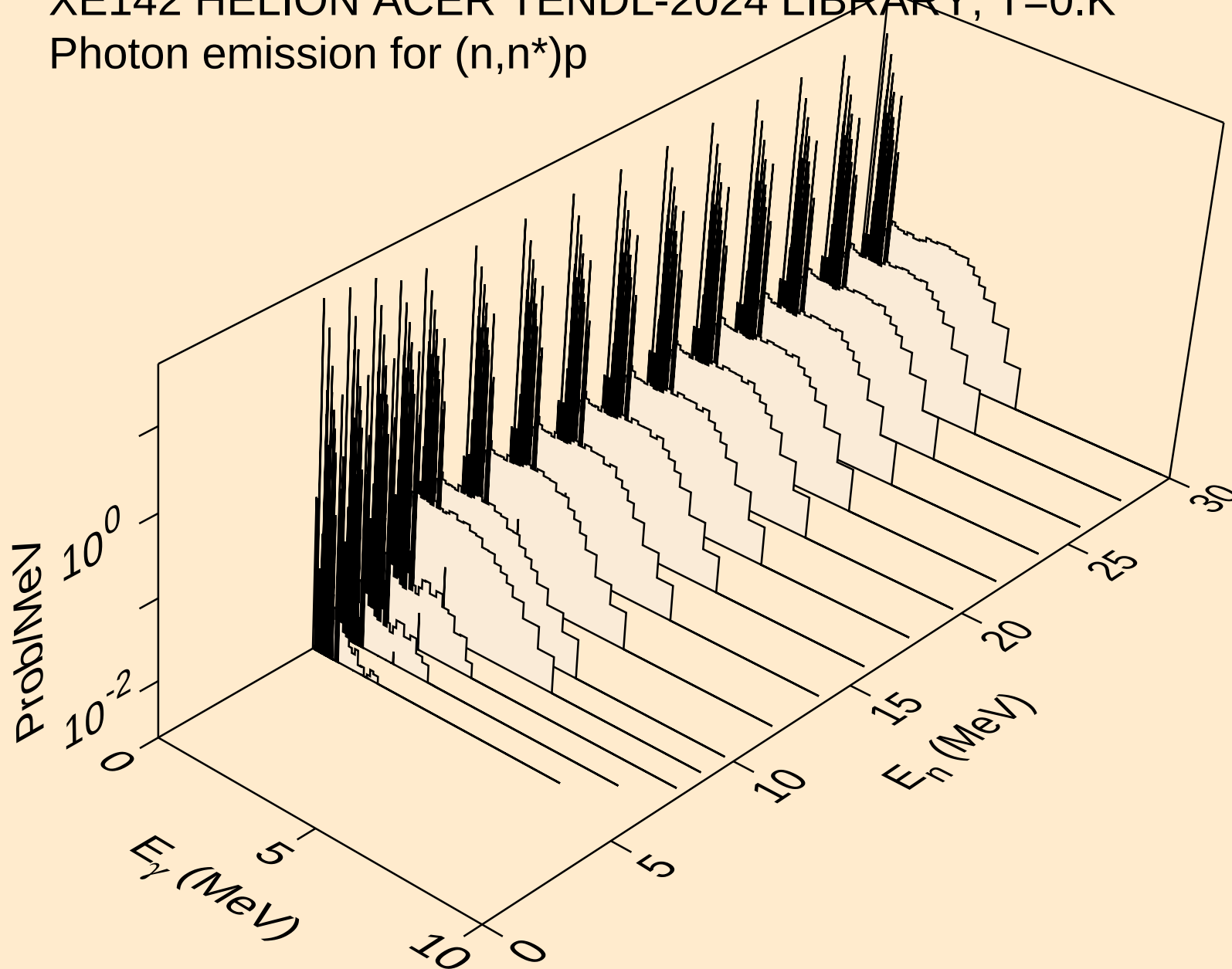
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n) α



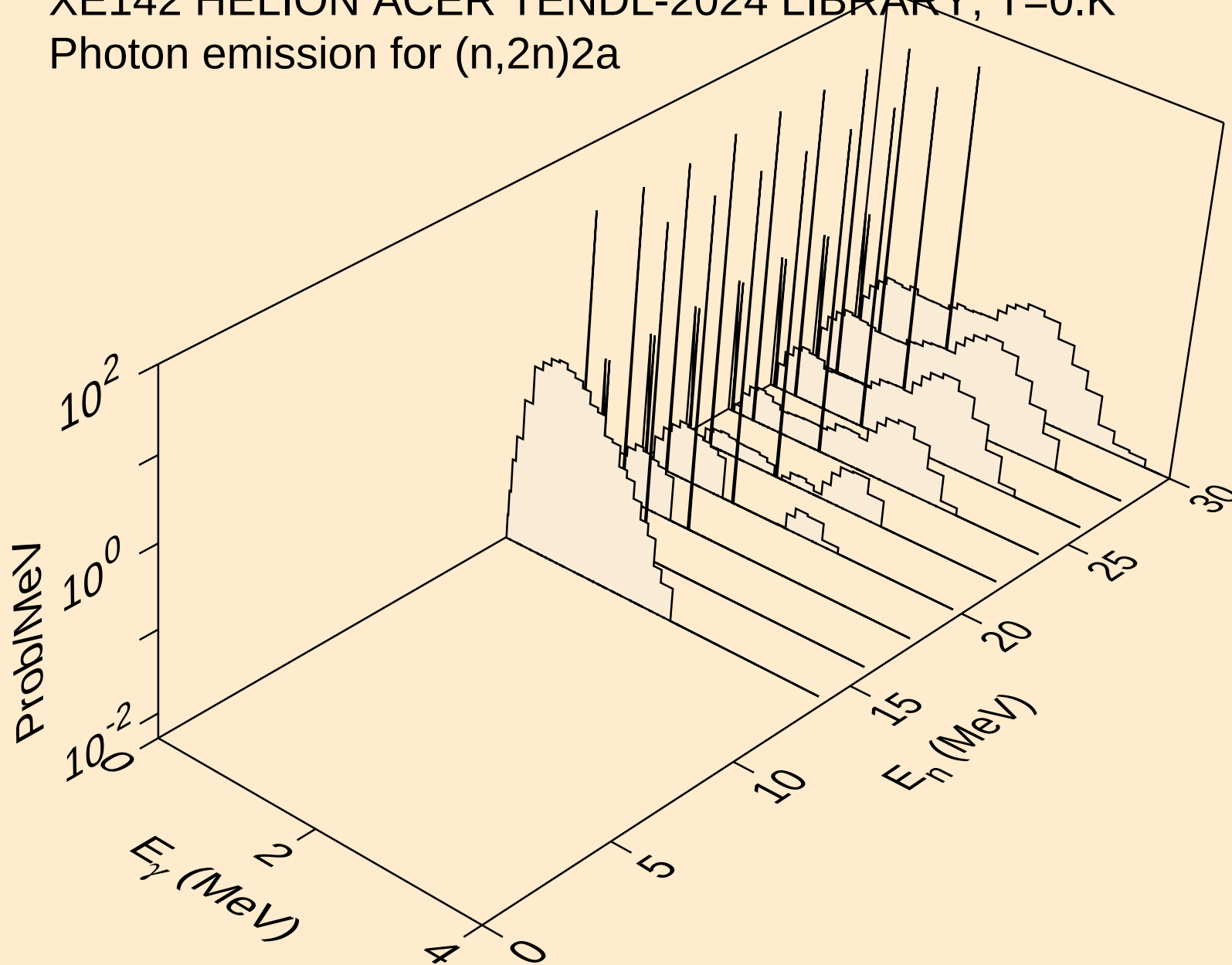
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



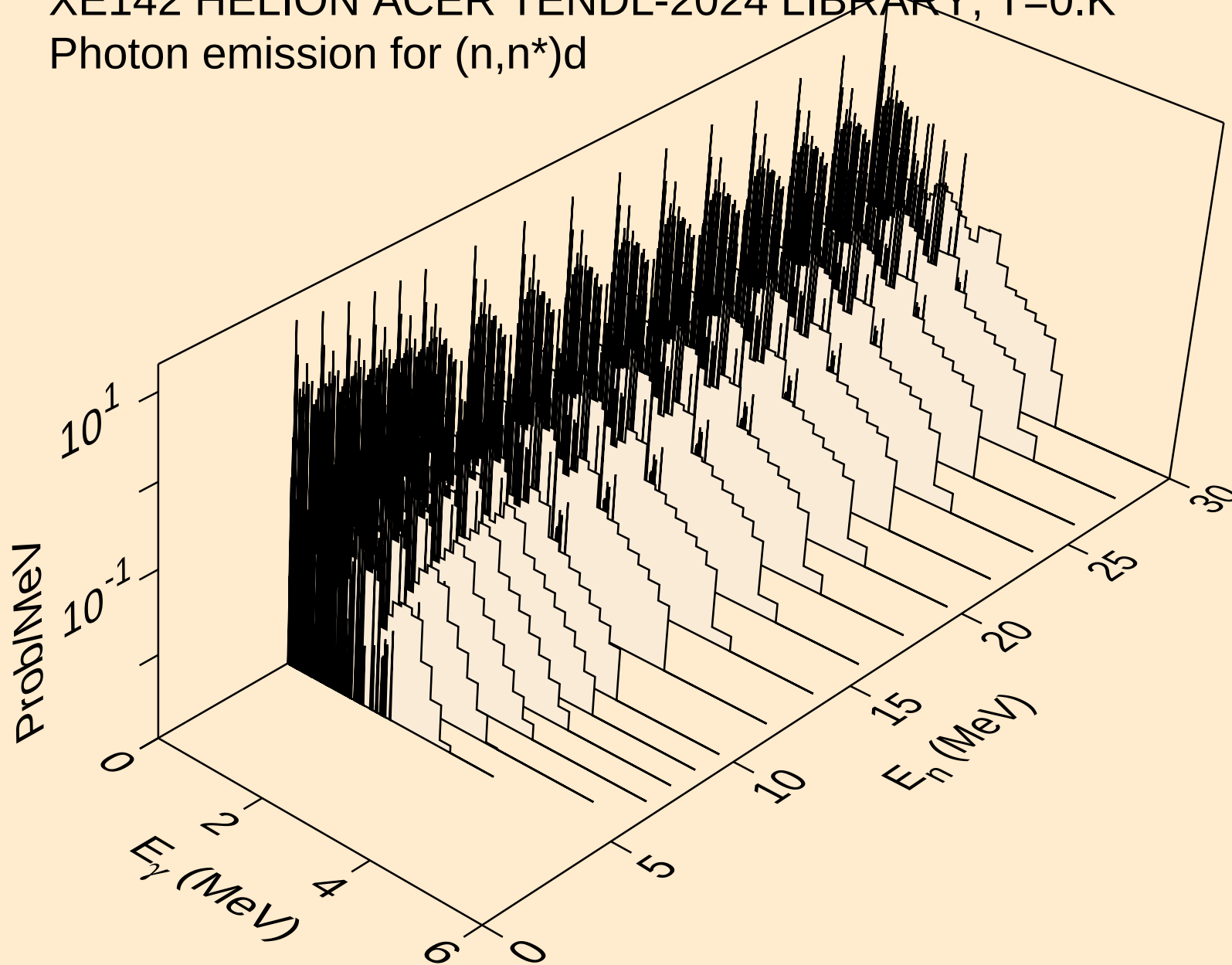
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n)2a



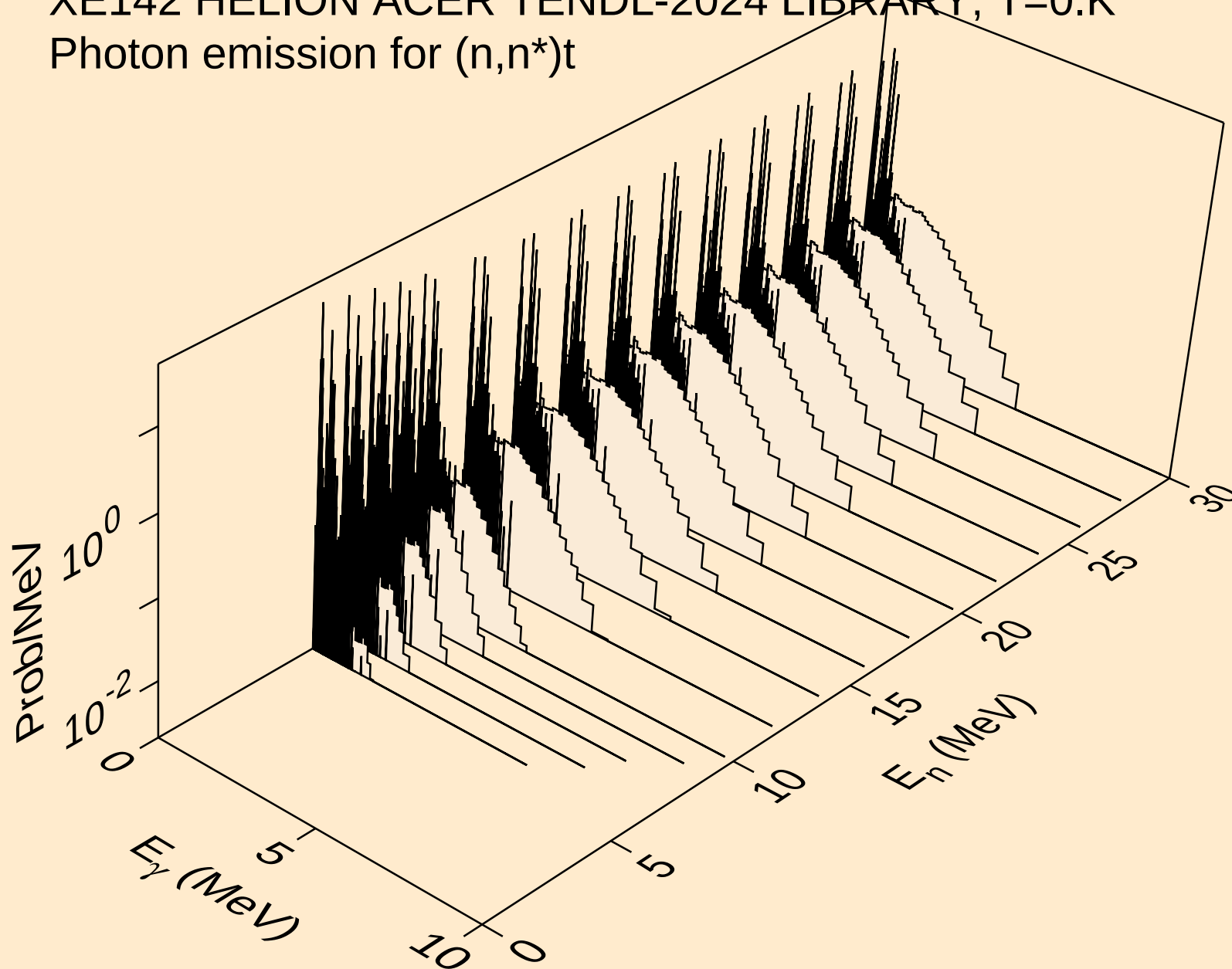
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d

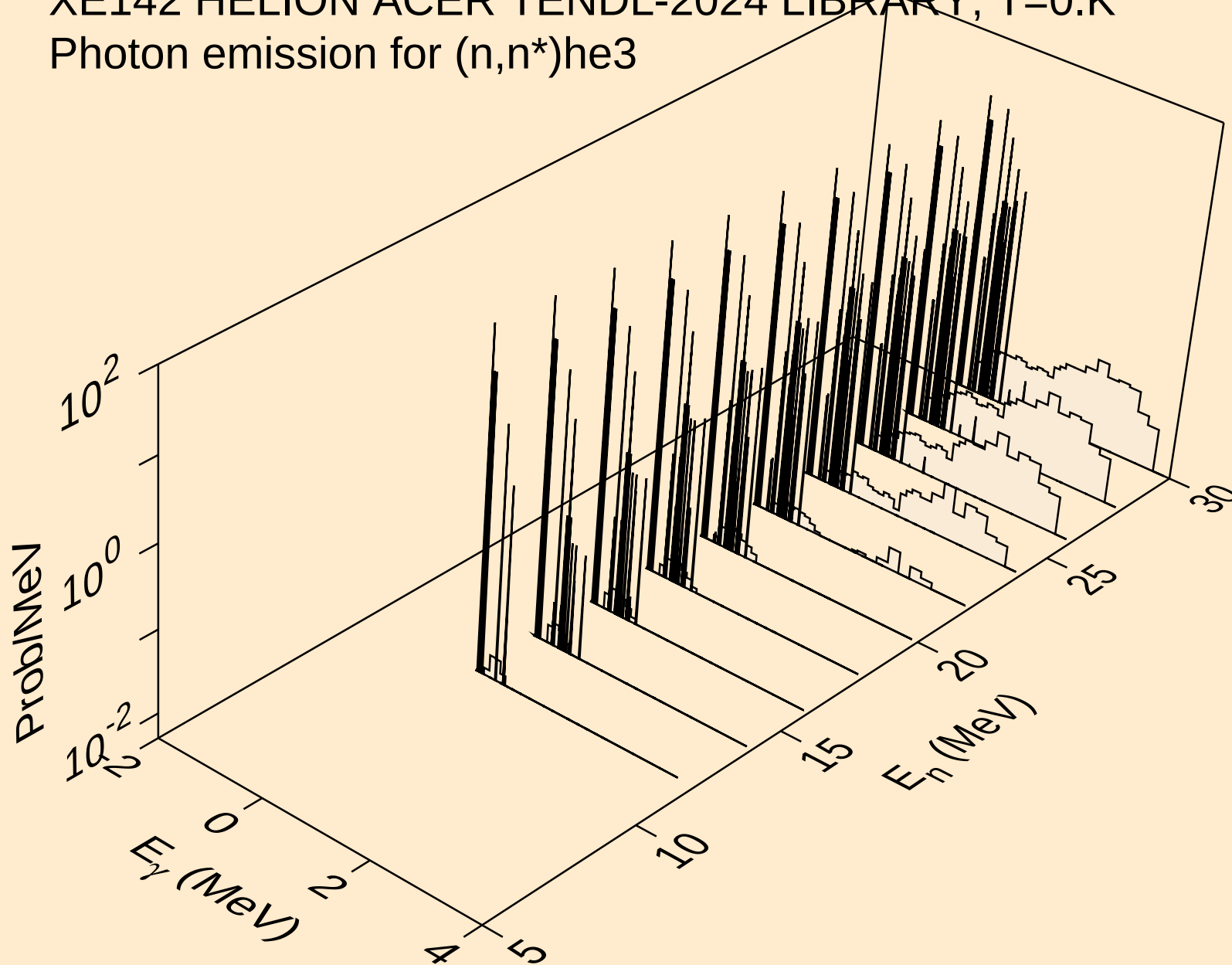


XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

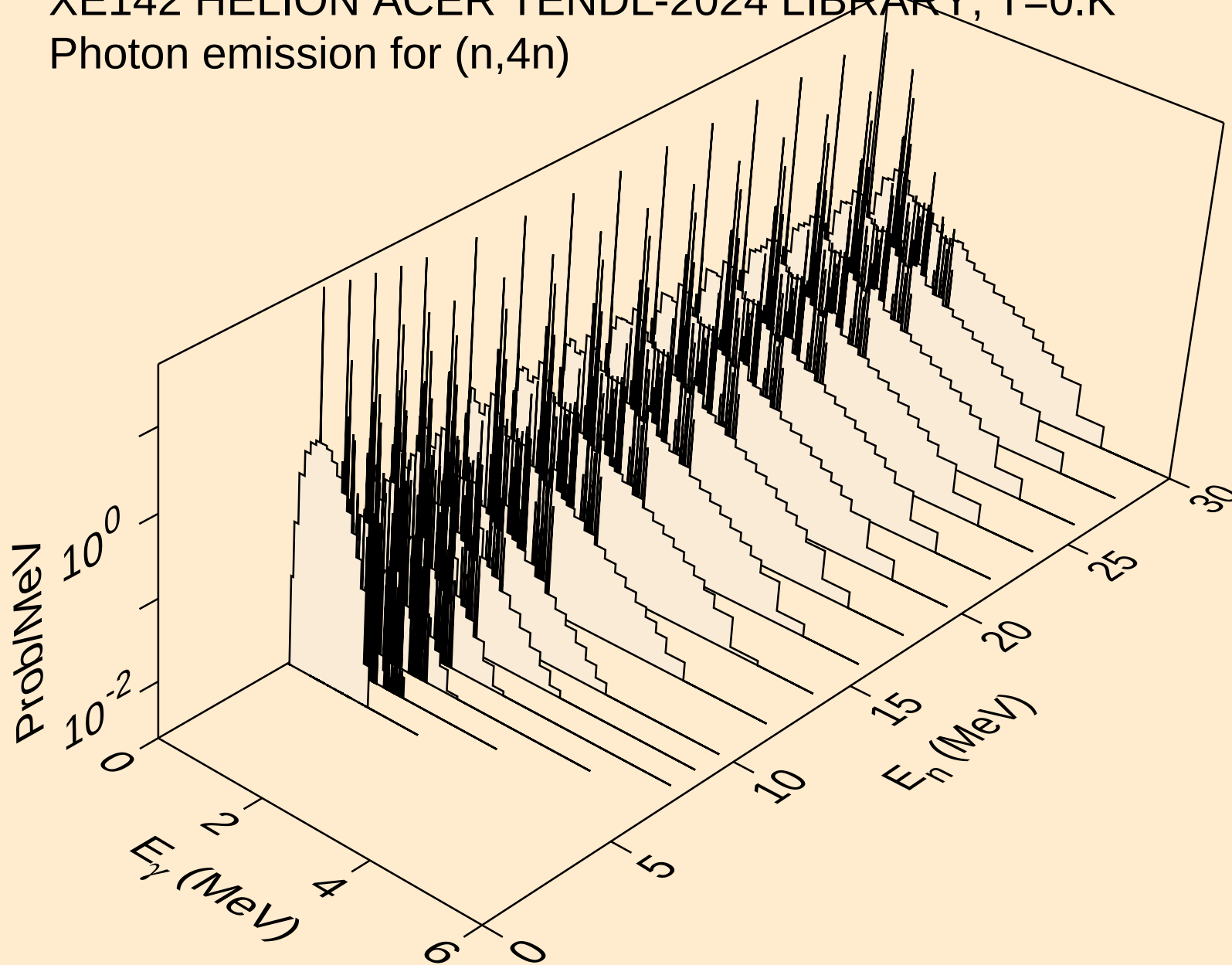
Photon emission for (n,n*)t



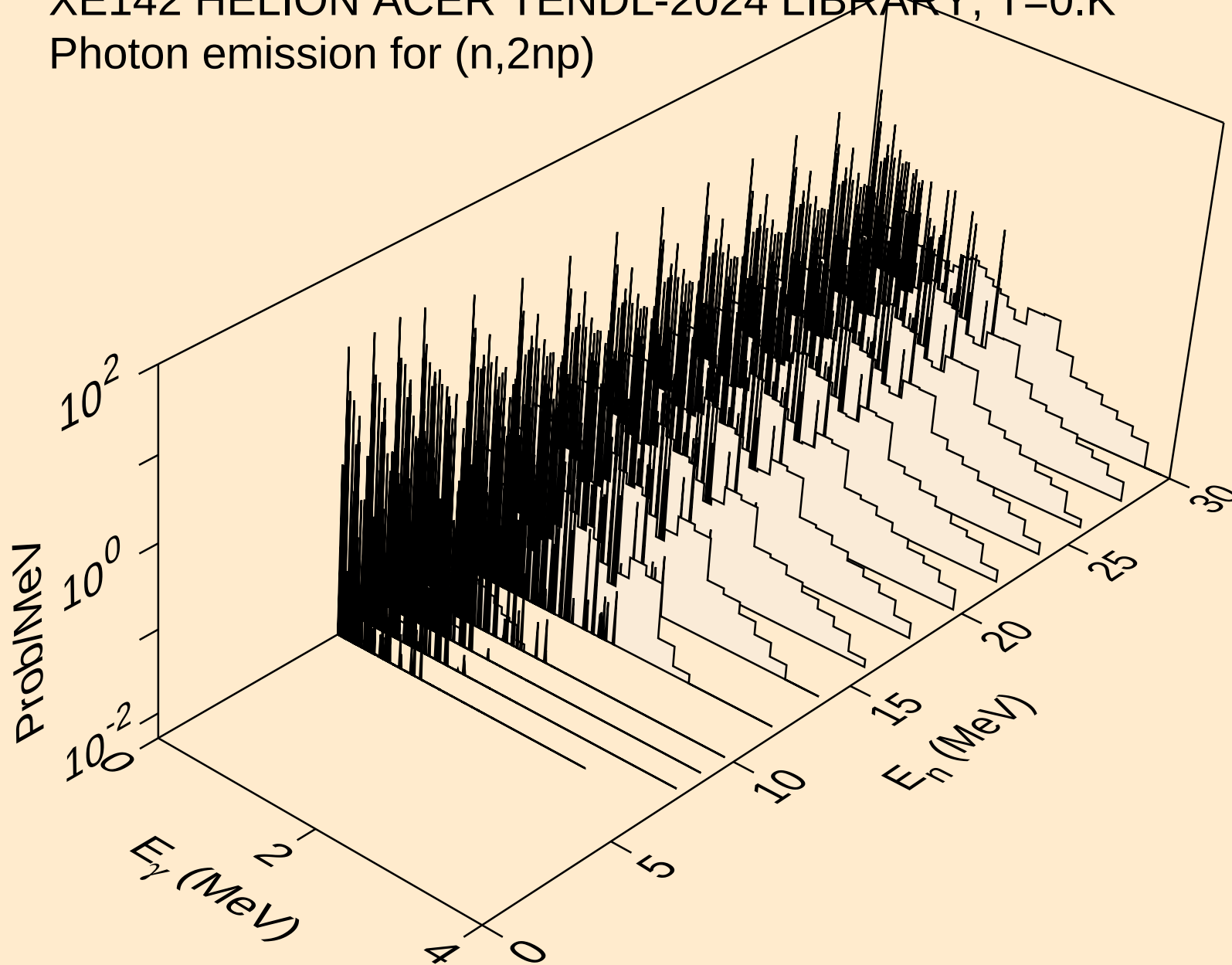
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



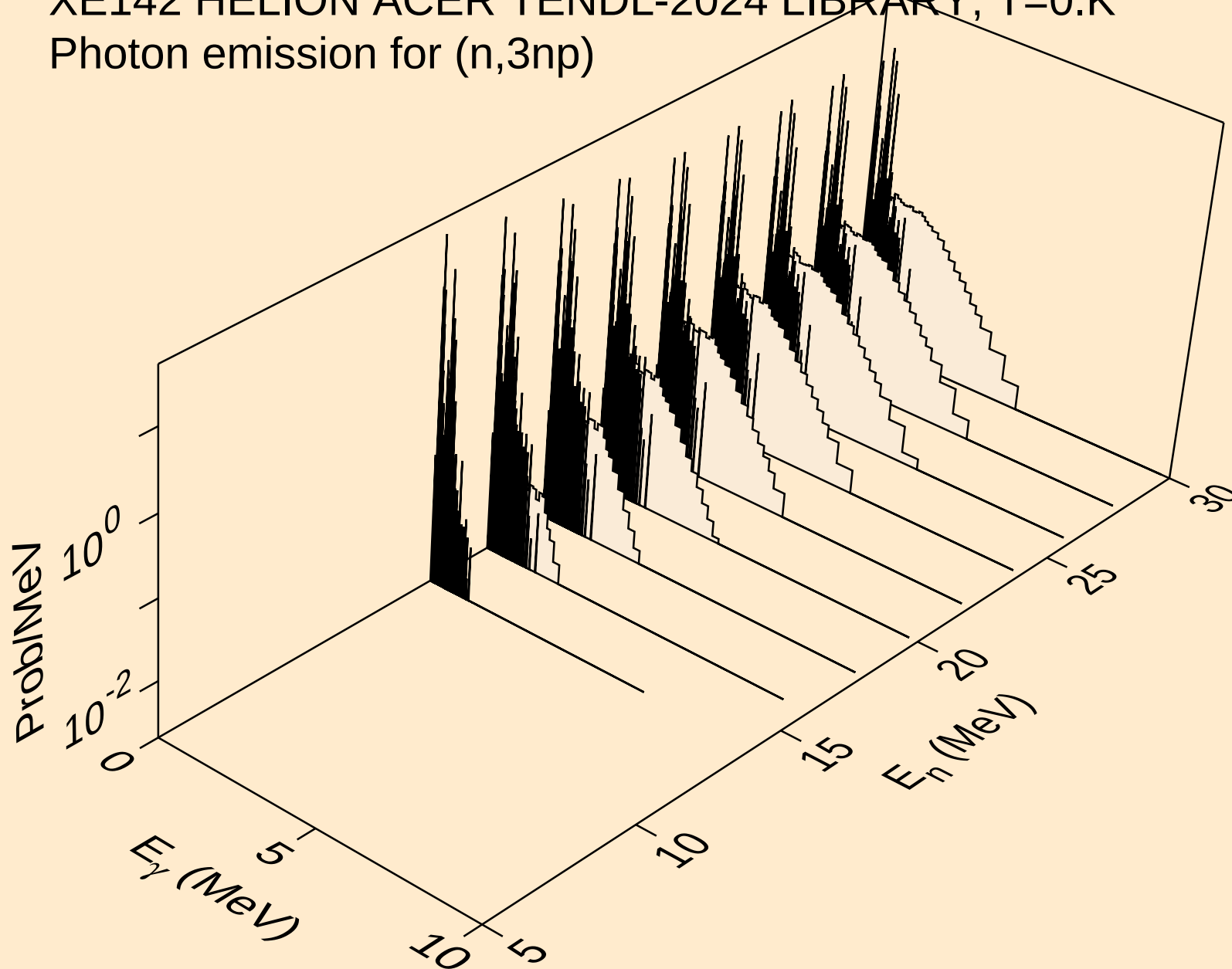
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



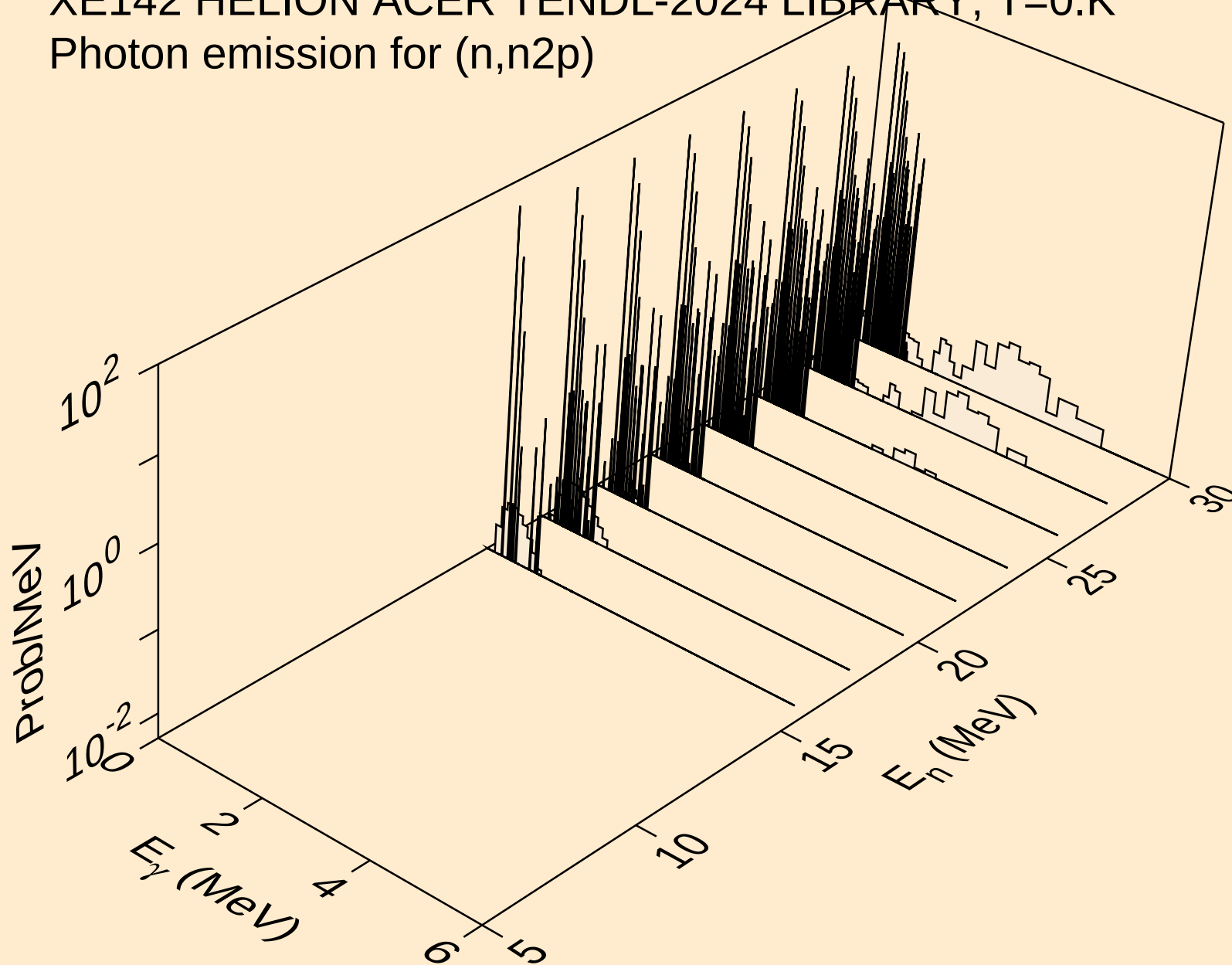
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Photon emission for (n,2np)



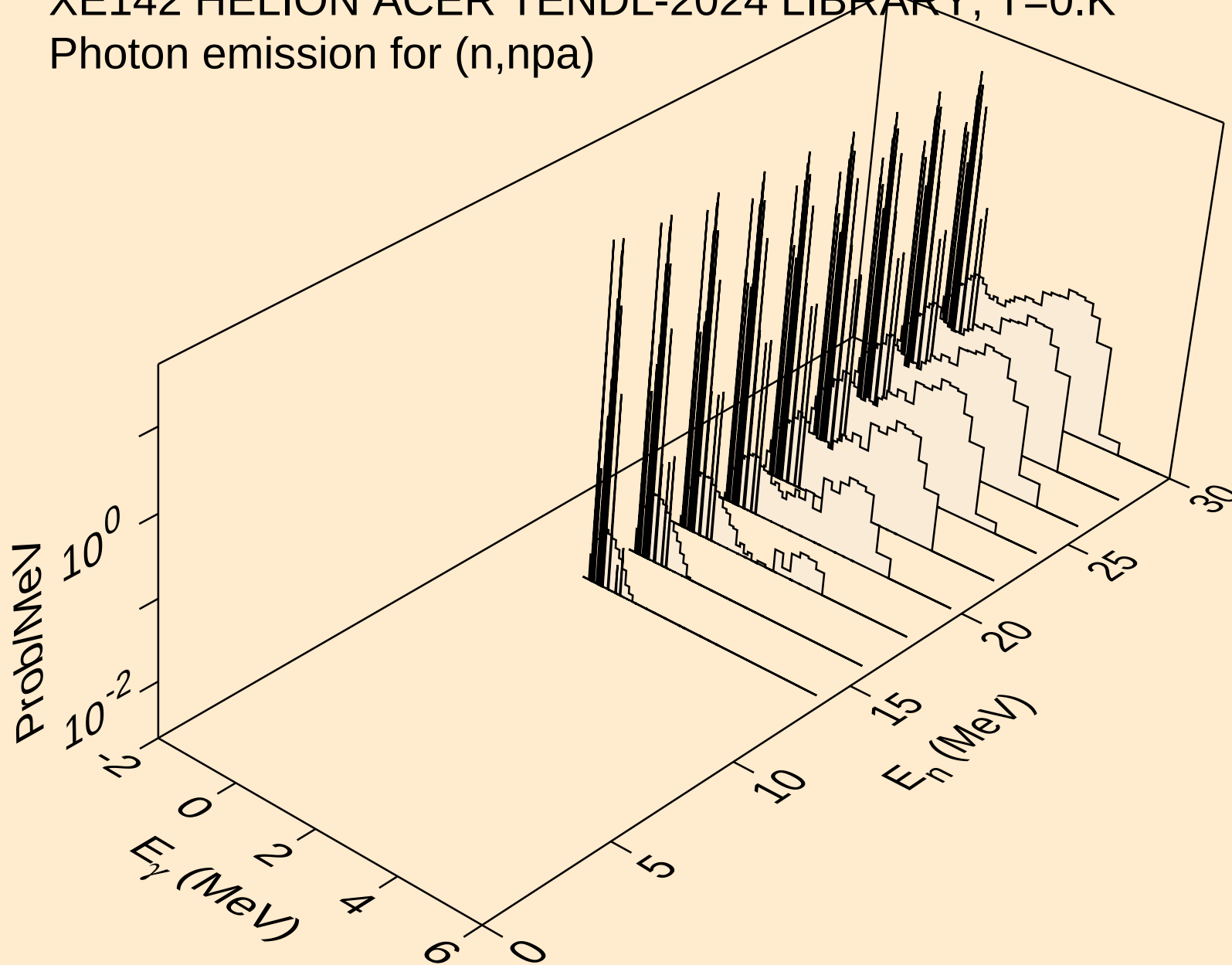
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Photon emission for (n,3np)



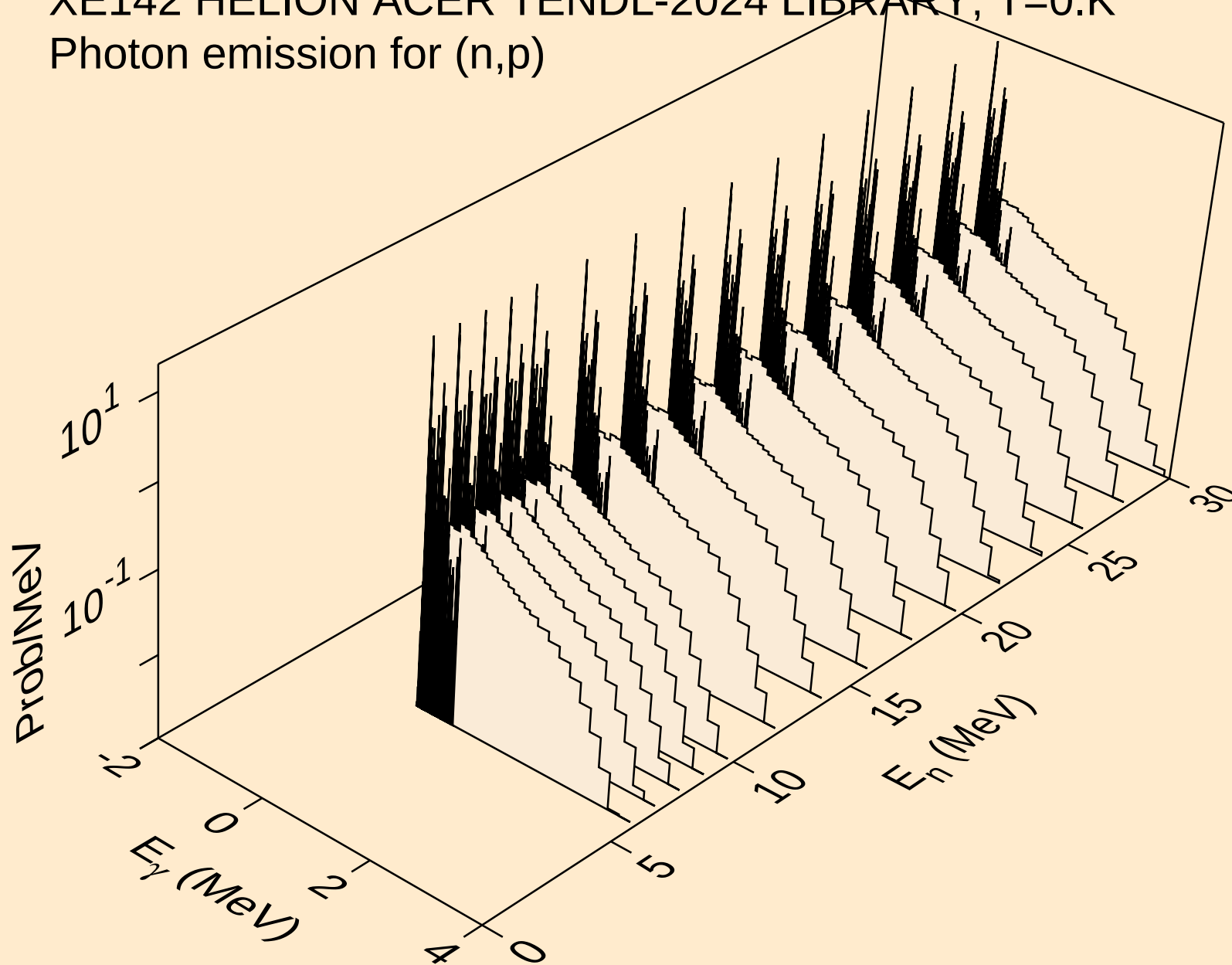
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Photon emission for (n,n2p)



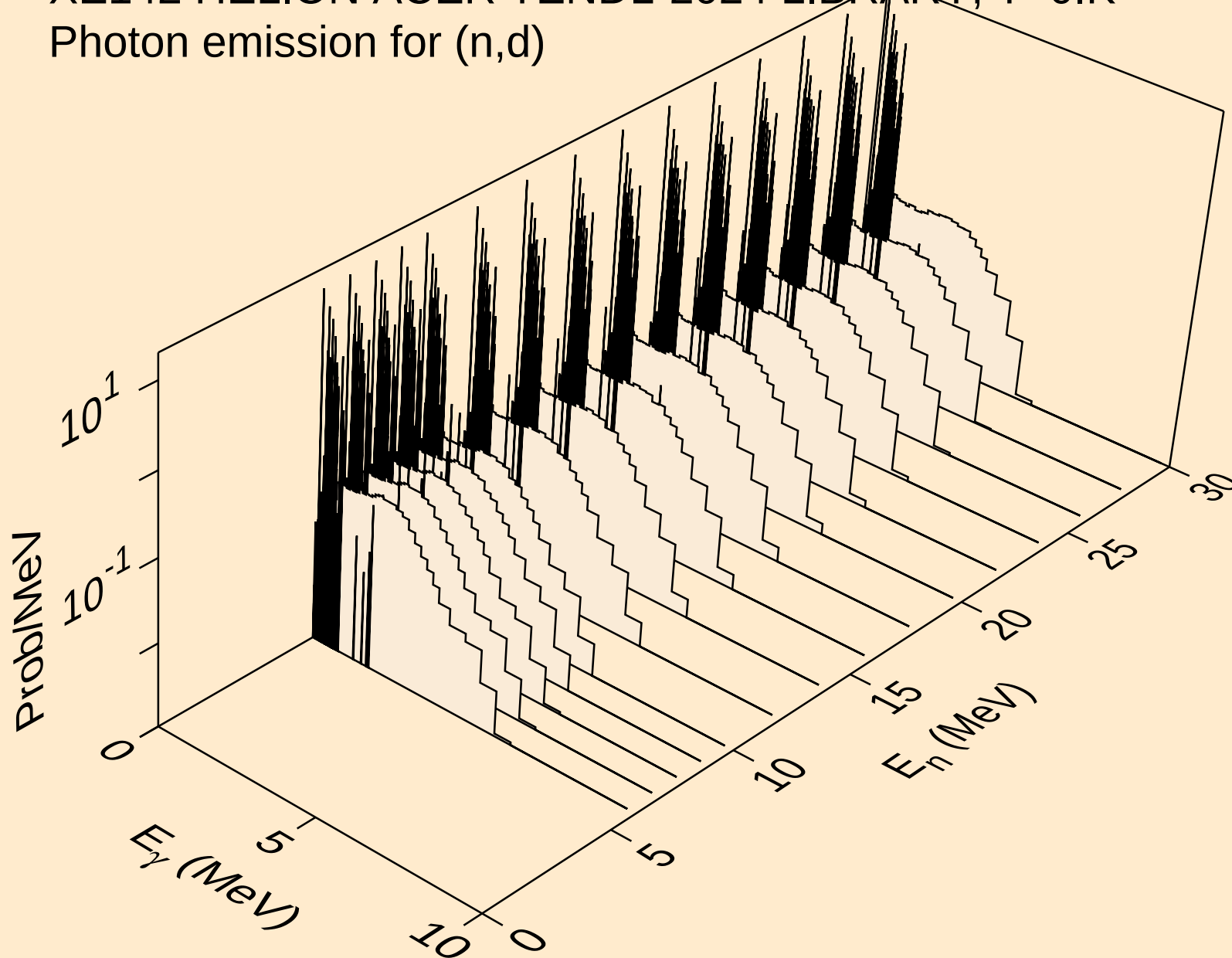
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Photon emission for (n,npa)



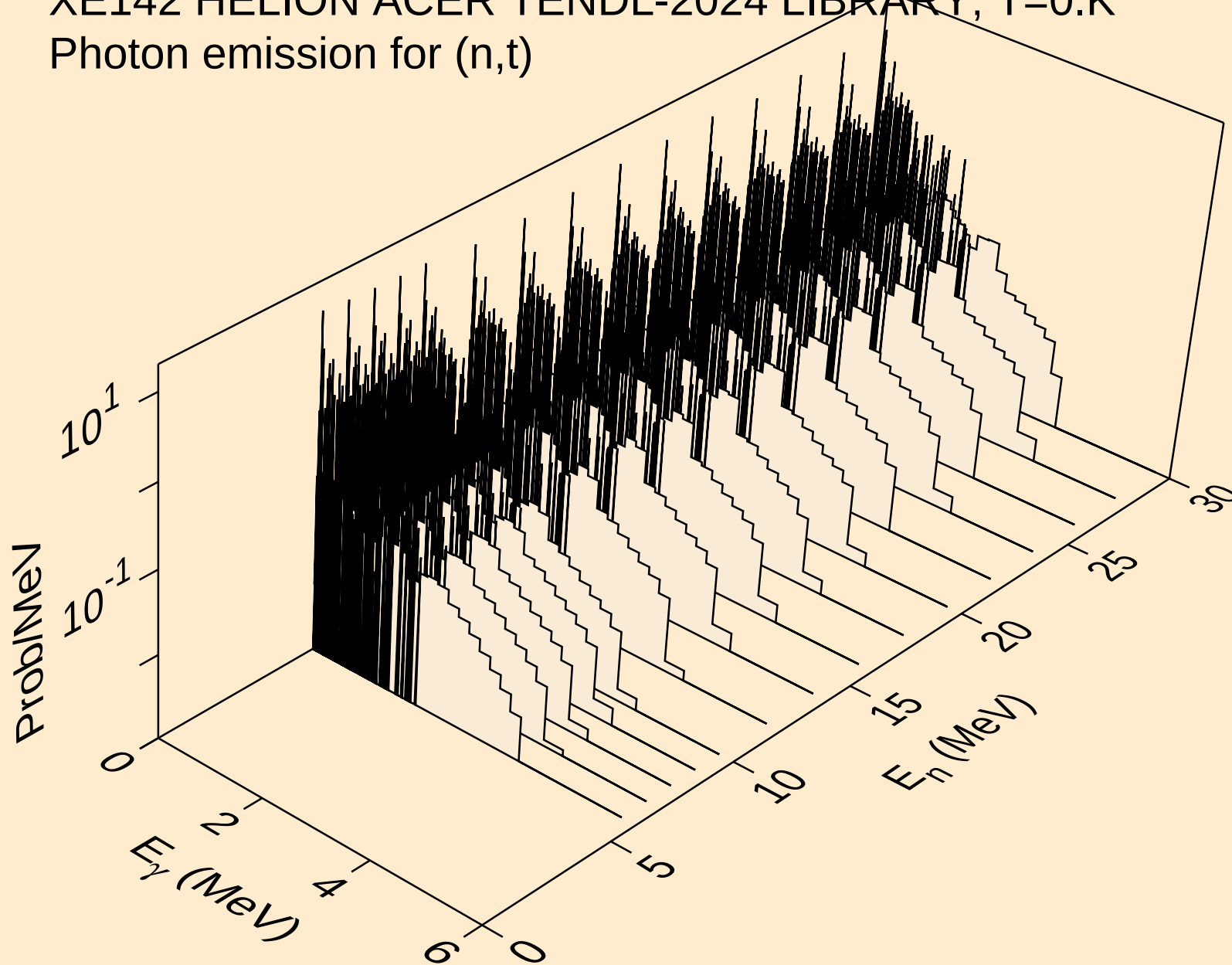
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Photon emission for (n,p)



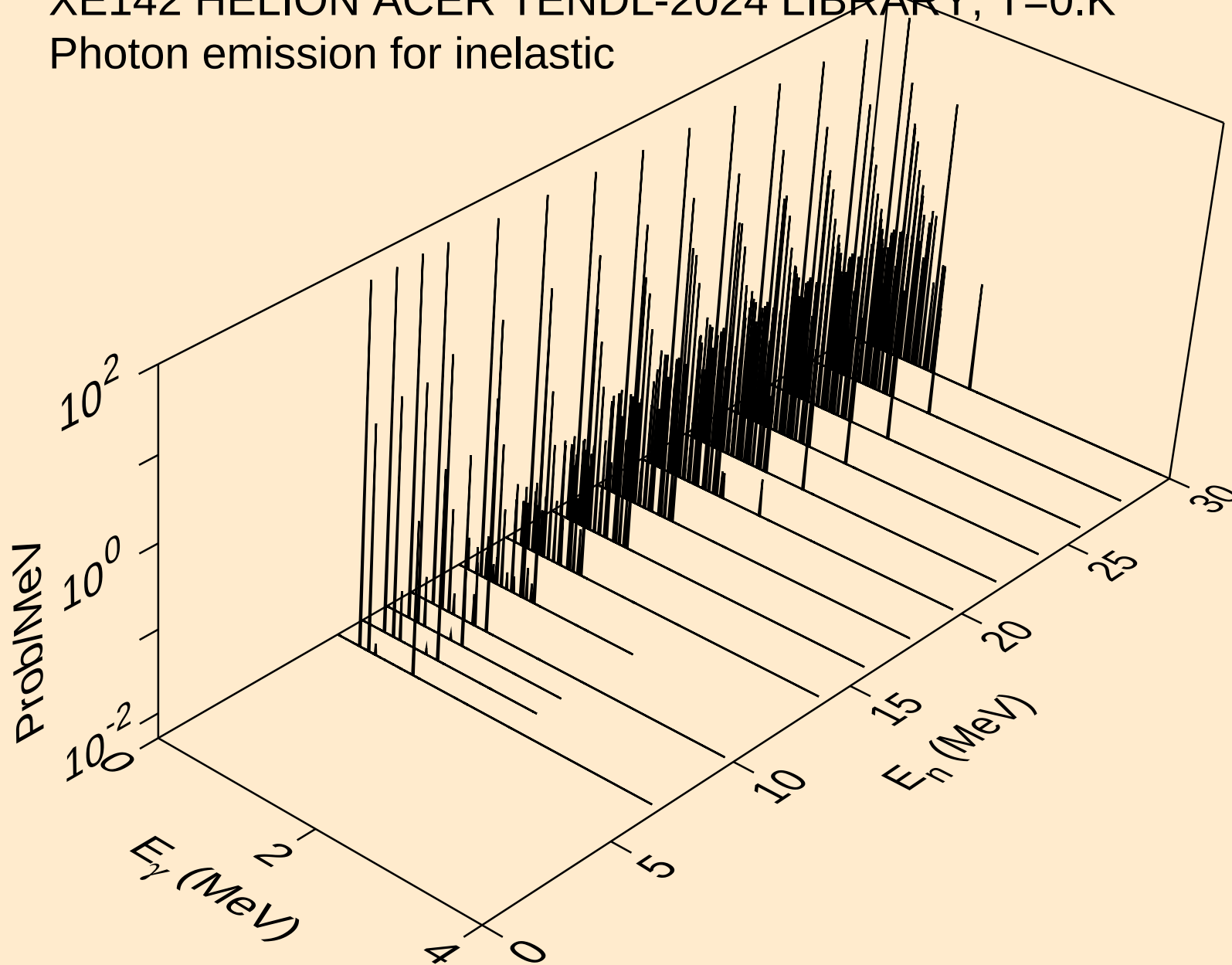
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Photon emission for (n,d)



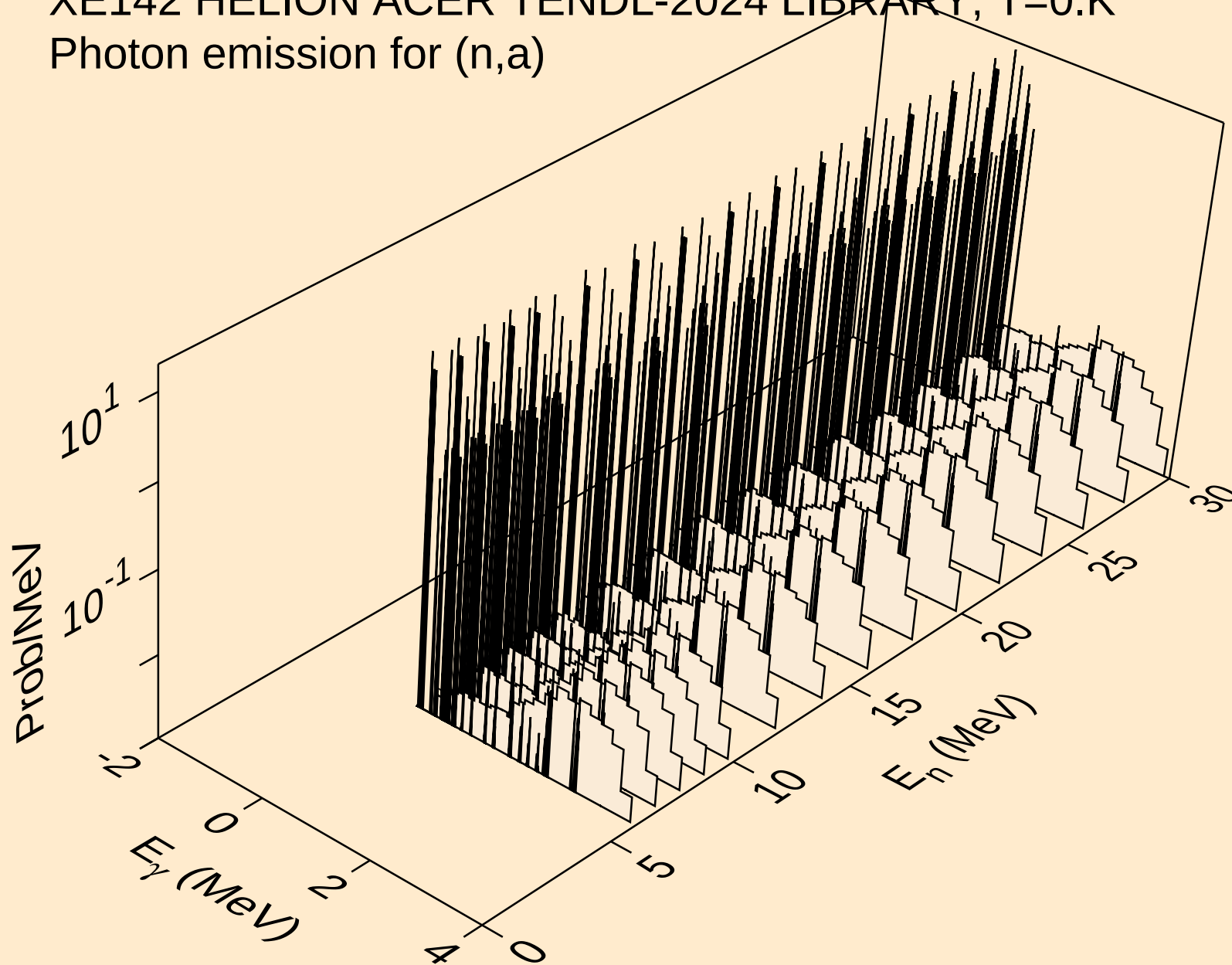
XE142 HELION ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,t)



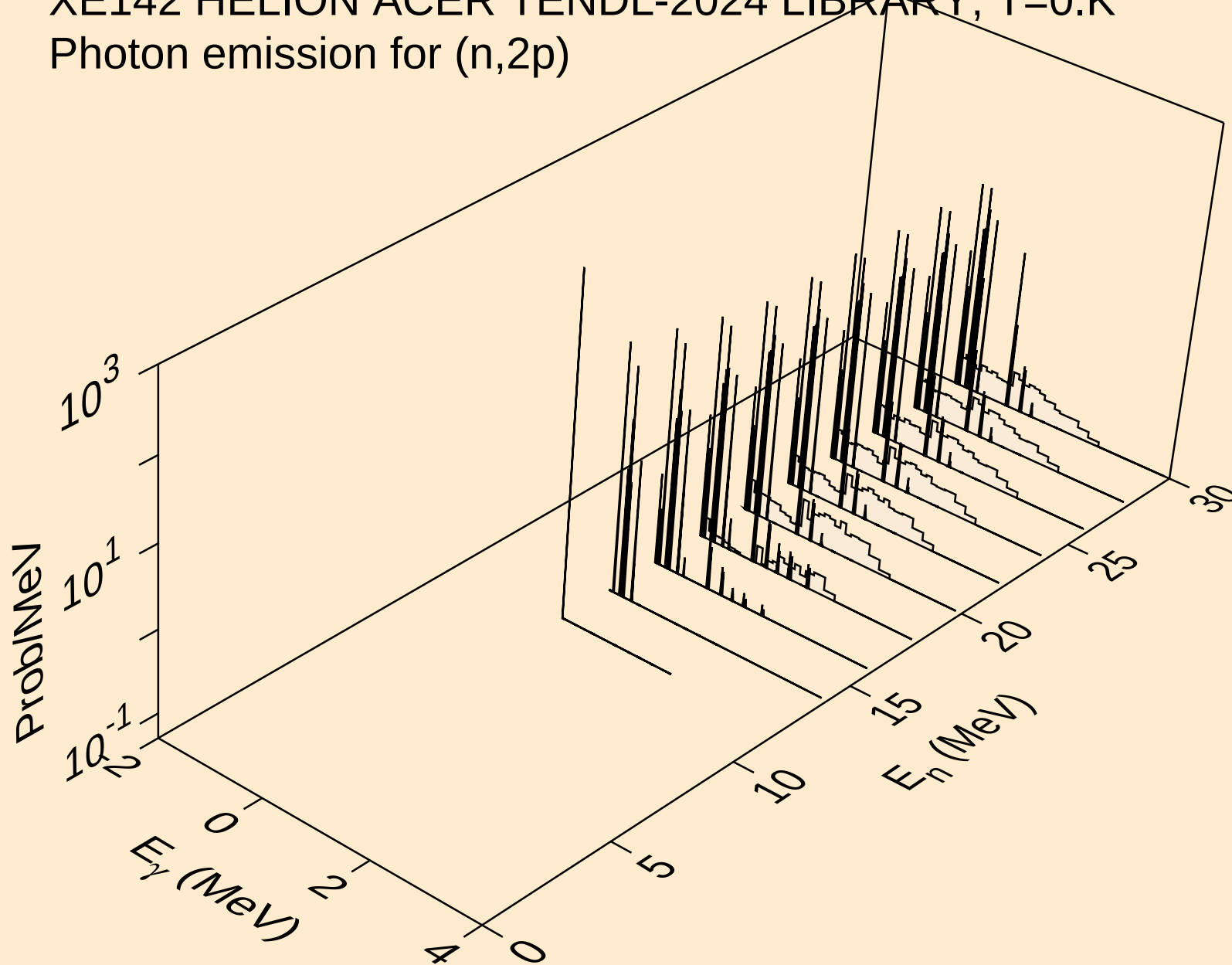
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



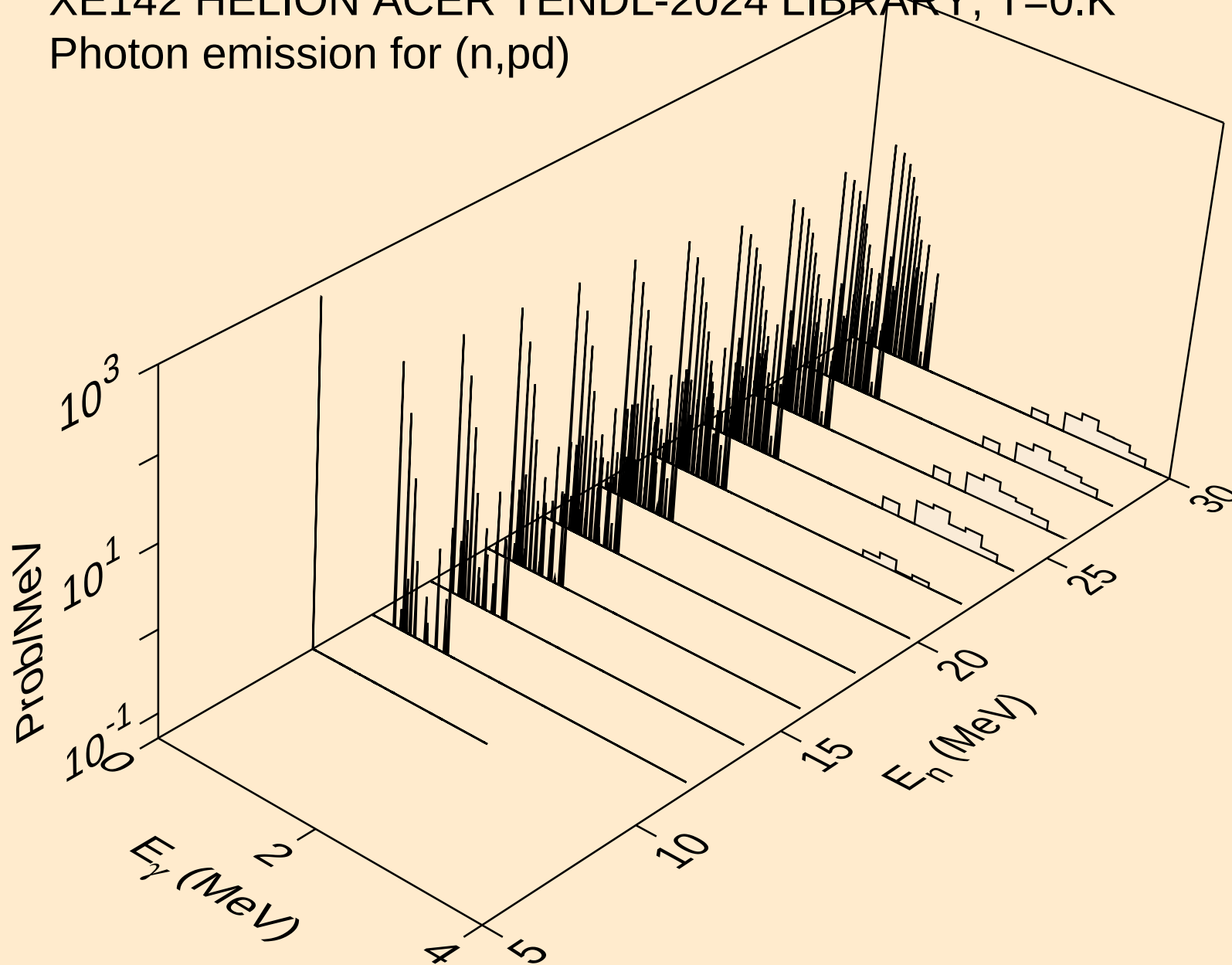
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)

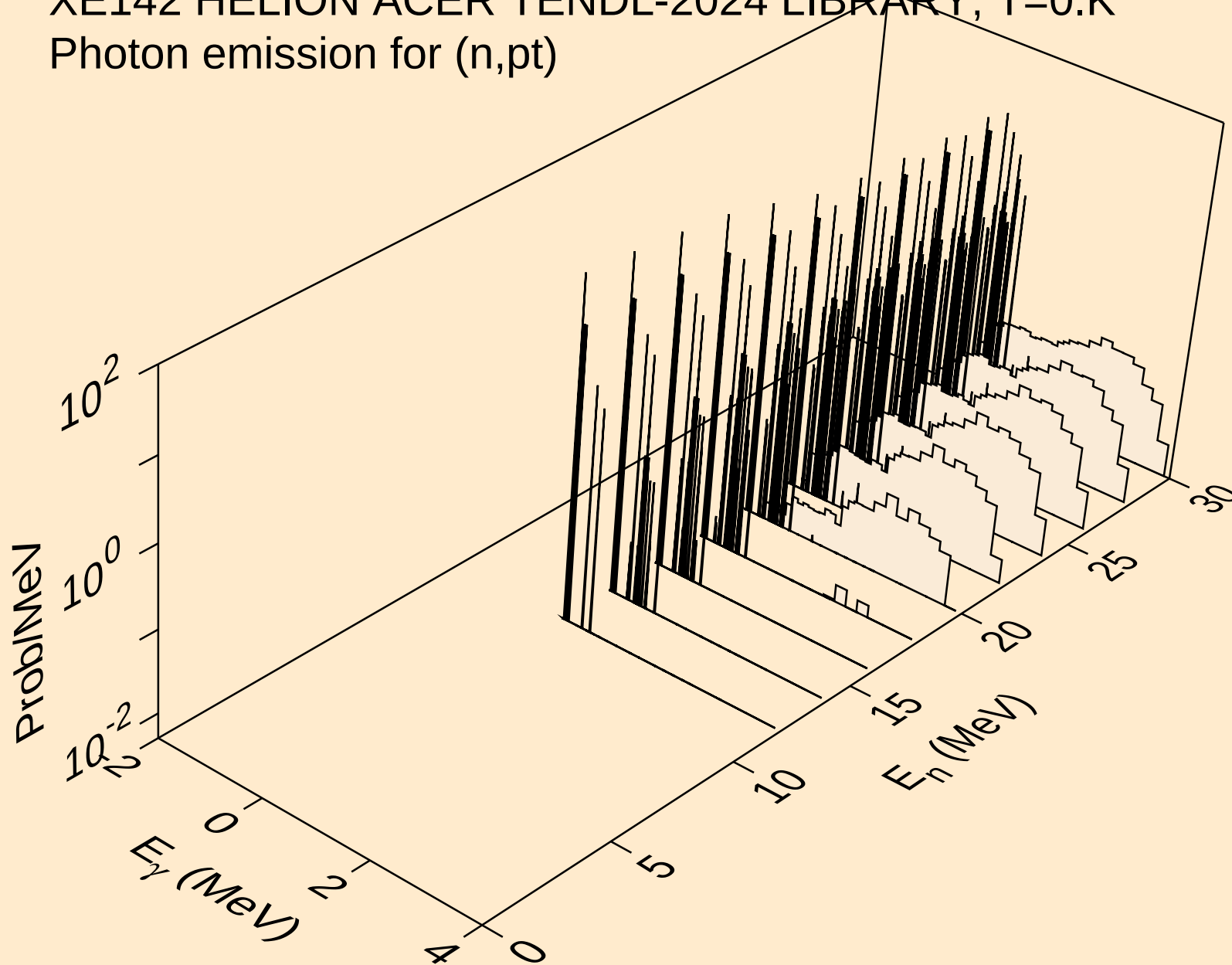


XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



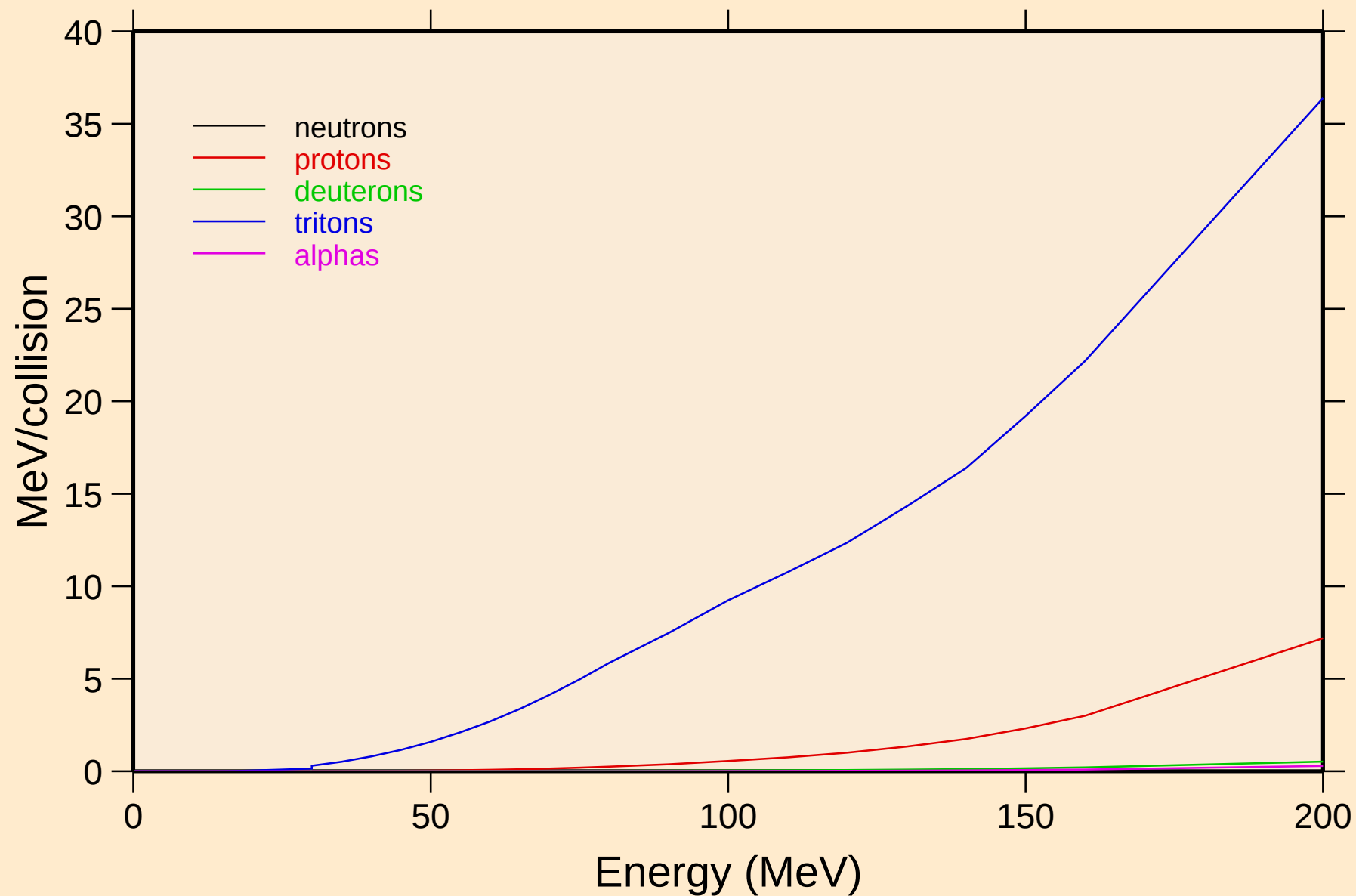
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)



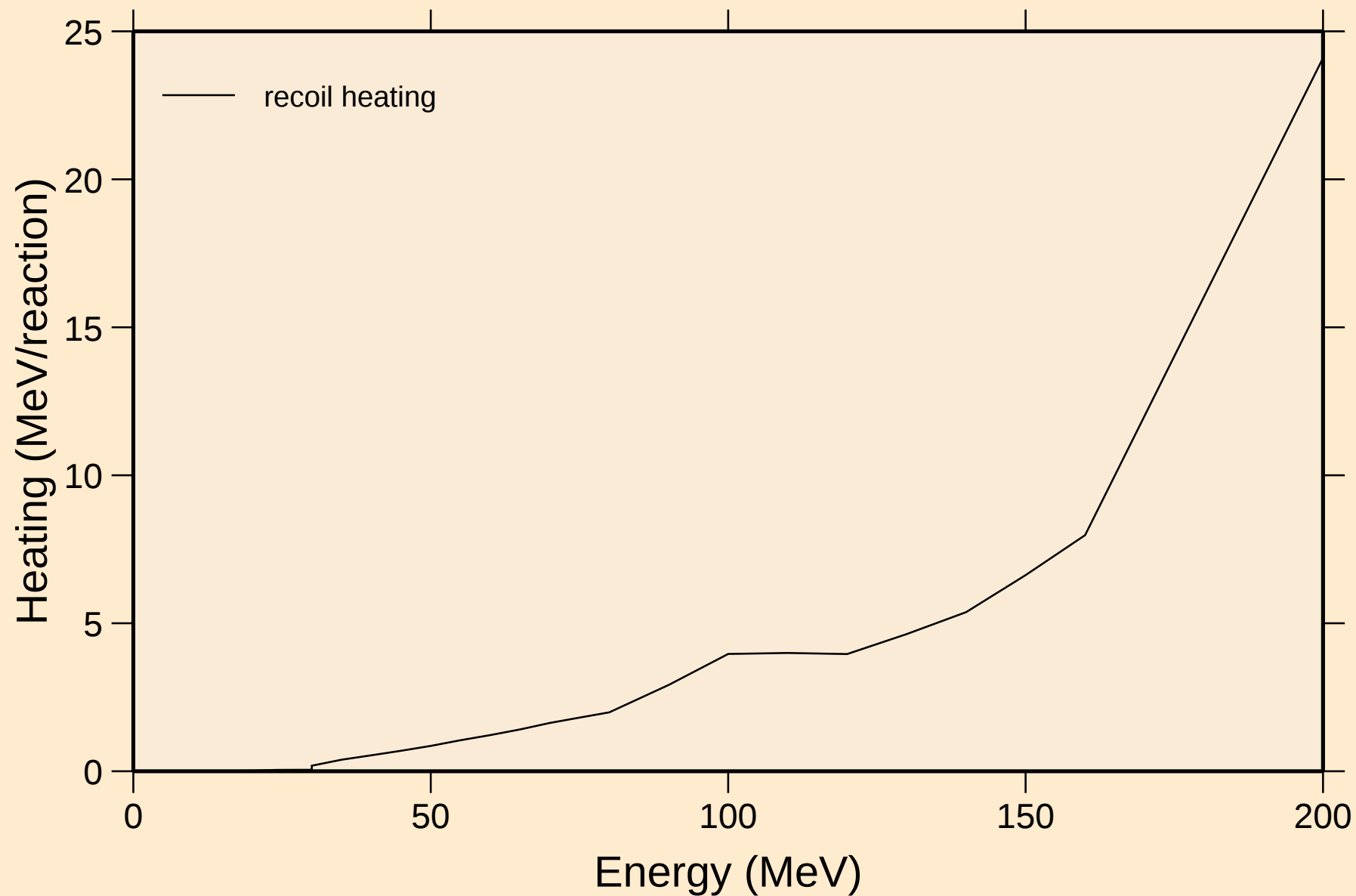
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



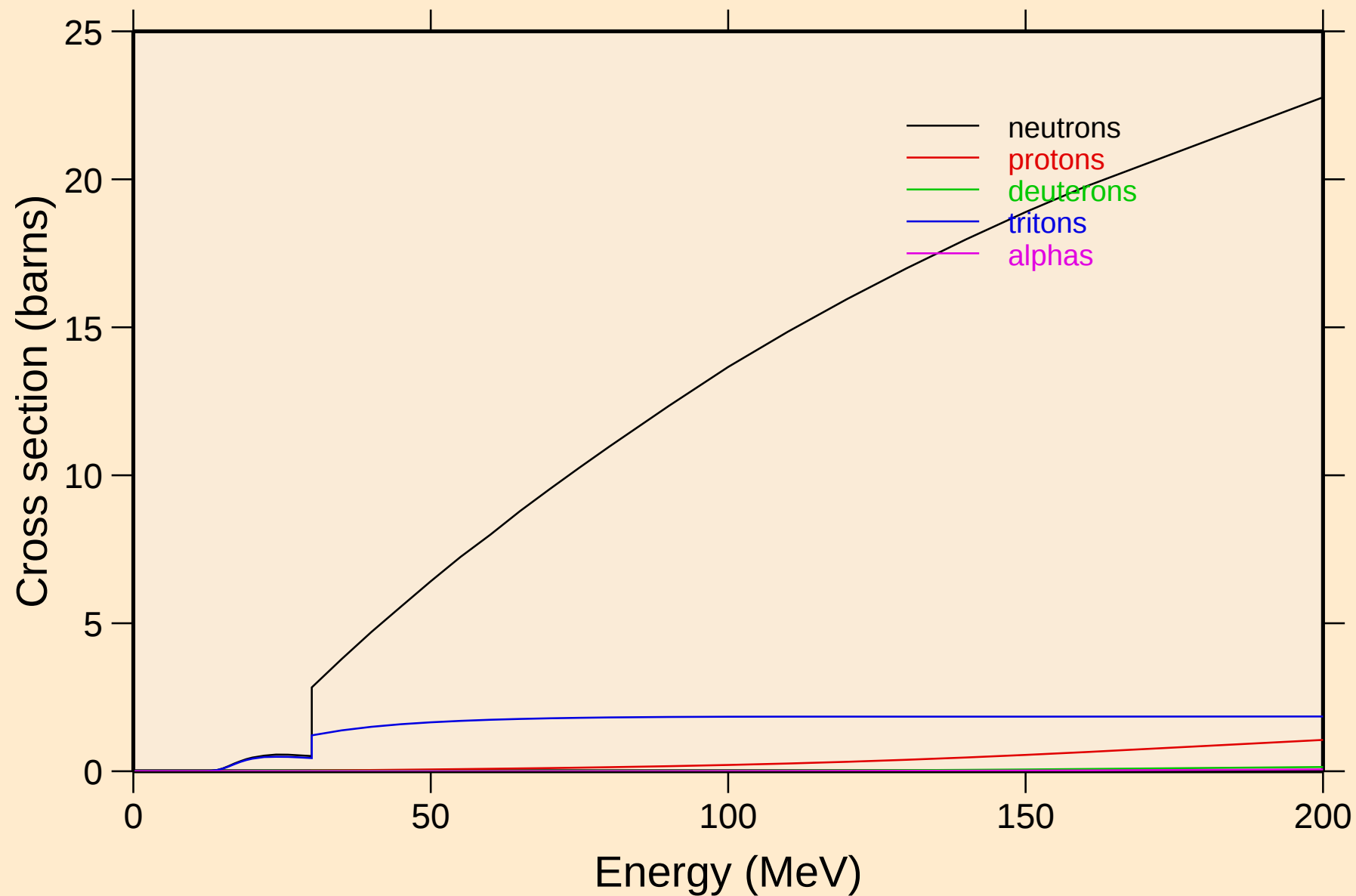
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

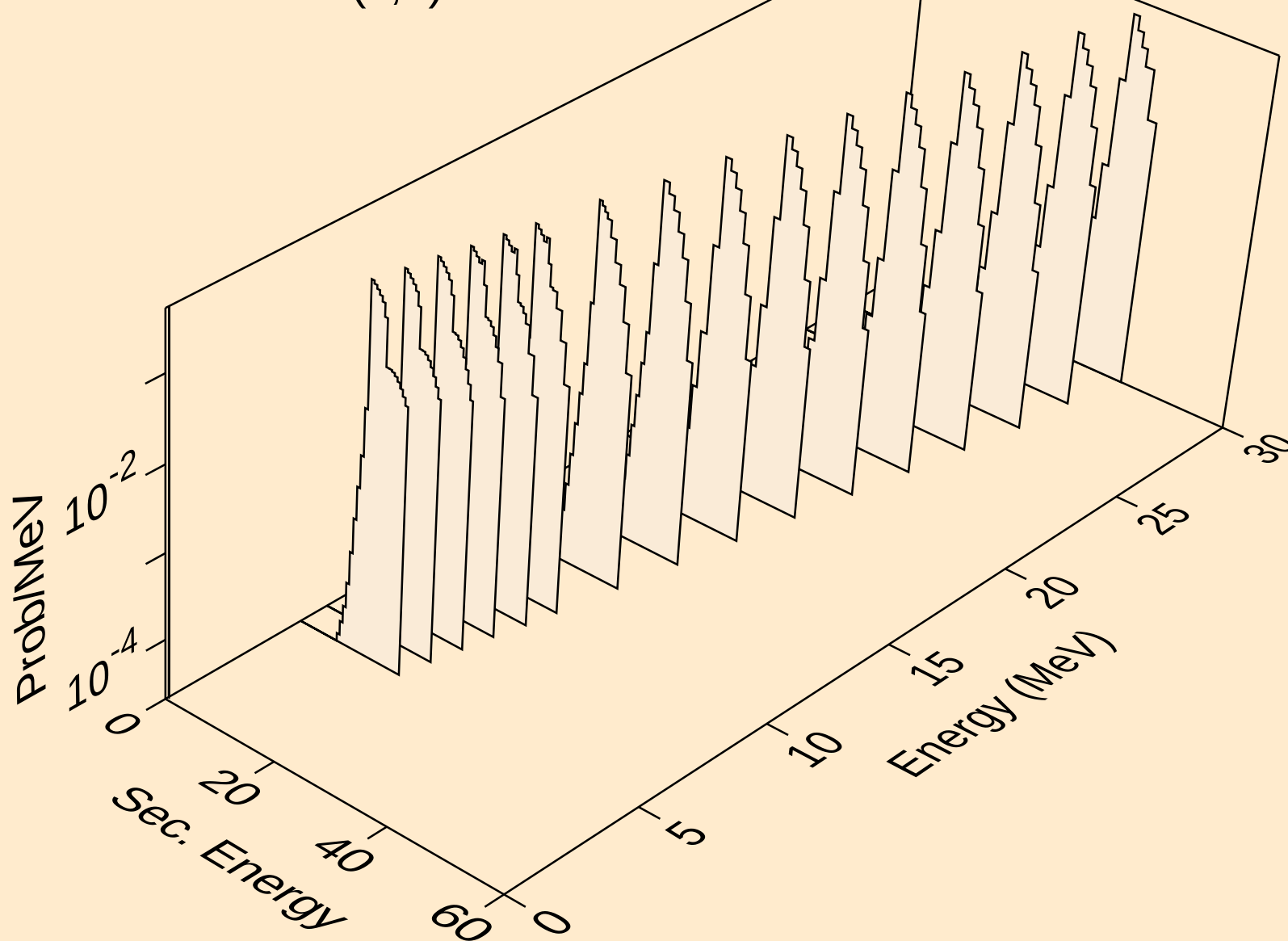


XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K

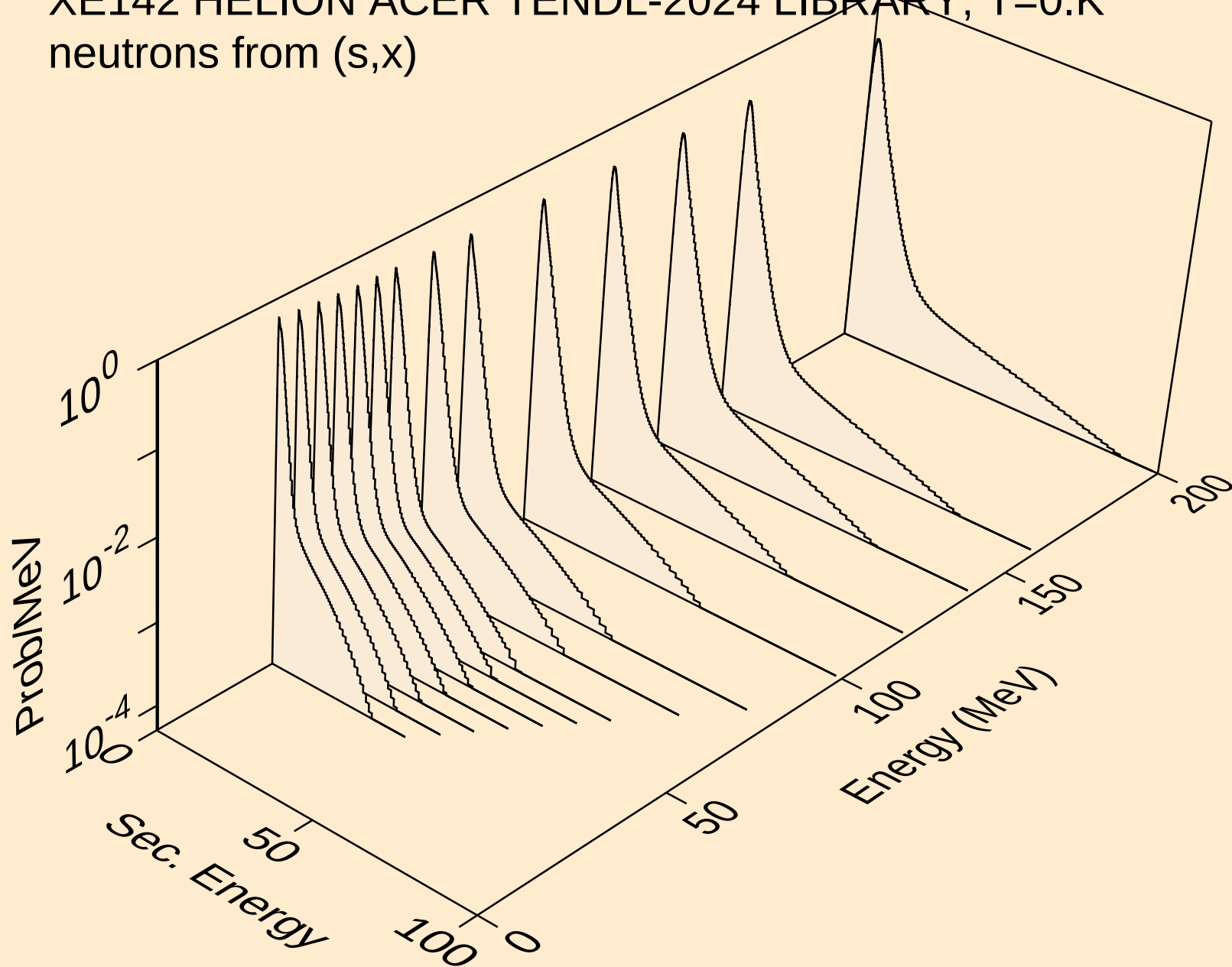
Particle production cross sections



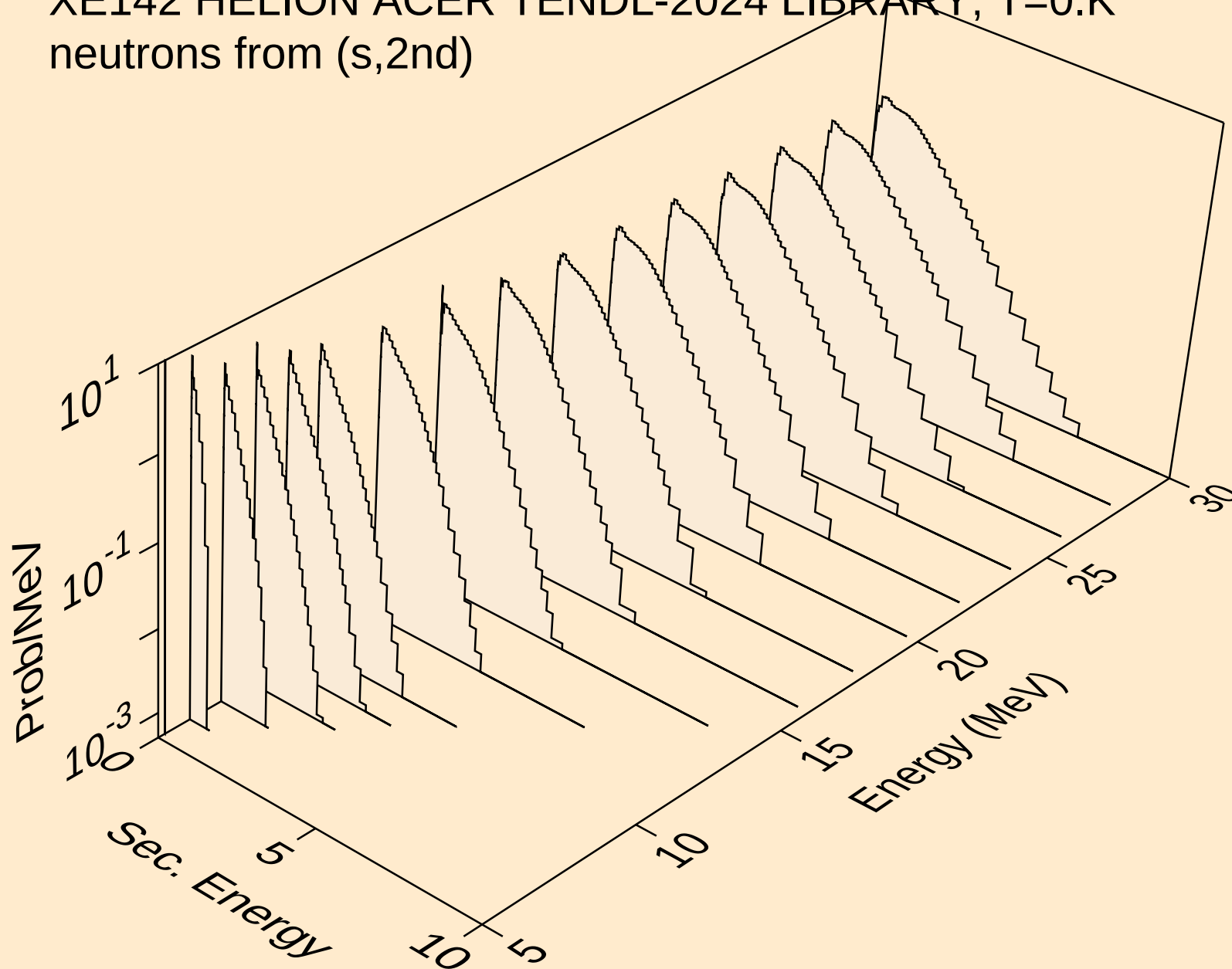
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n)



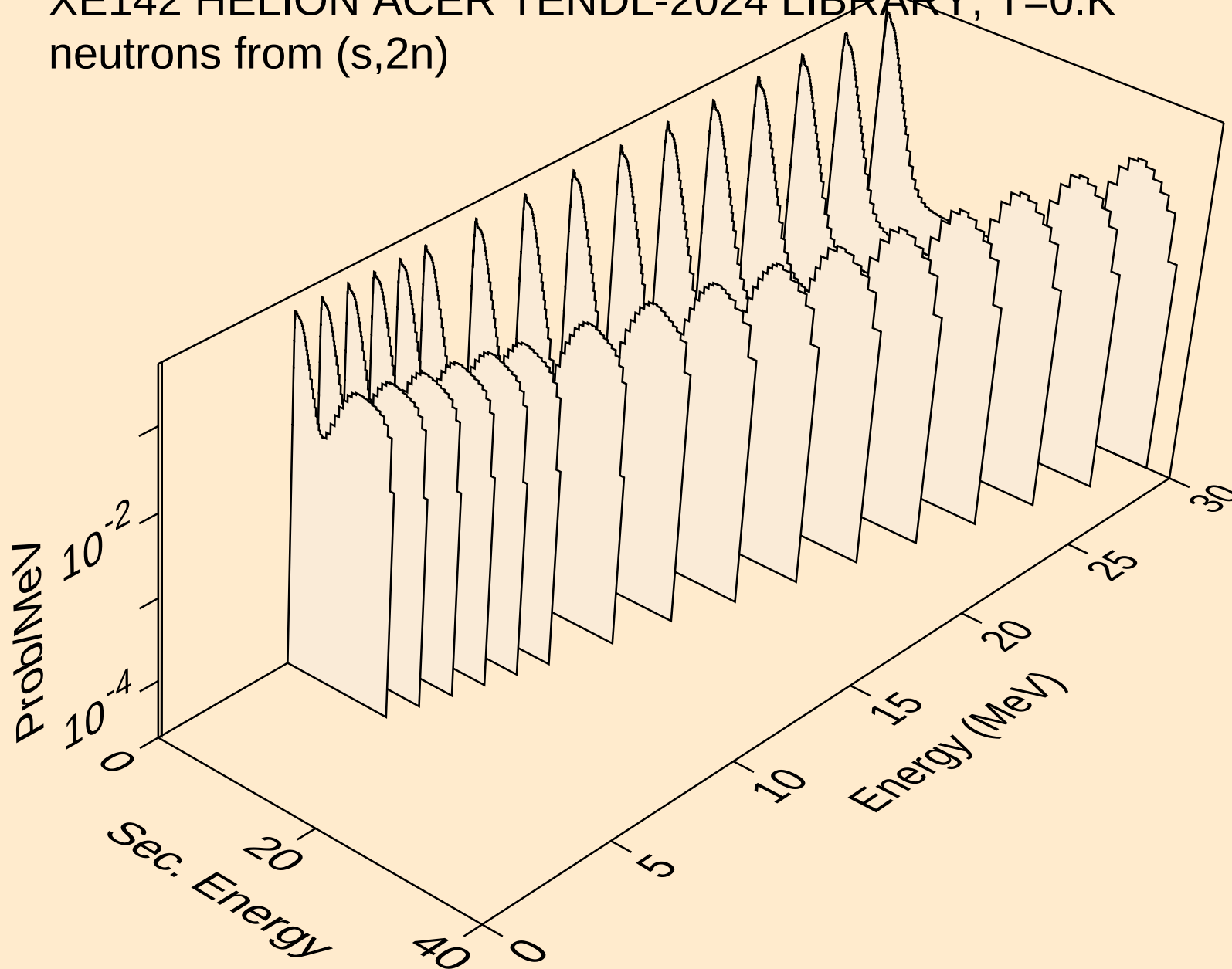
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neutrons from (s,x)



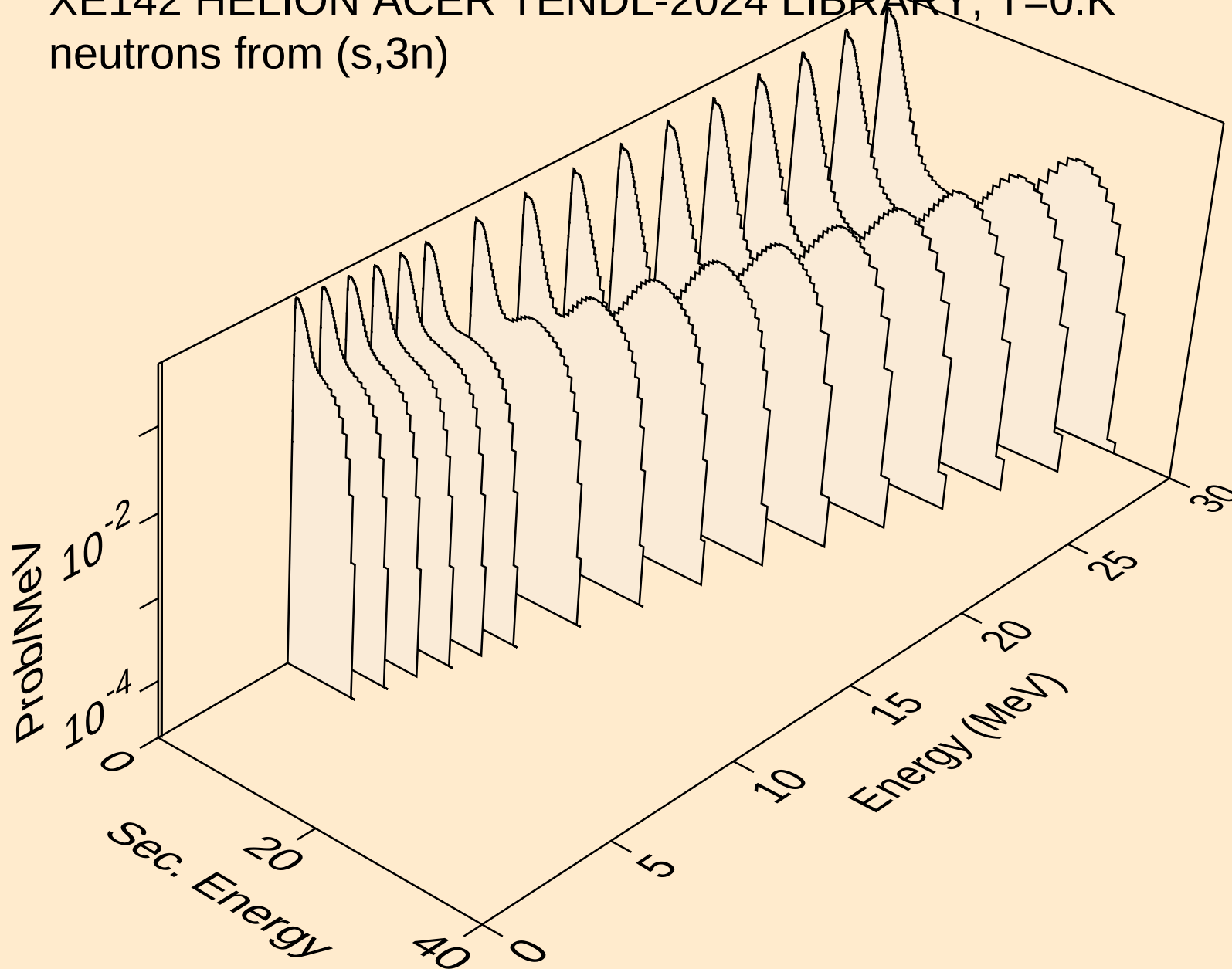
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neutrons from (s,2nd)



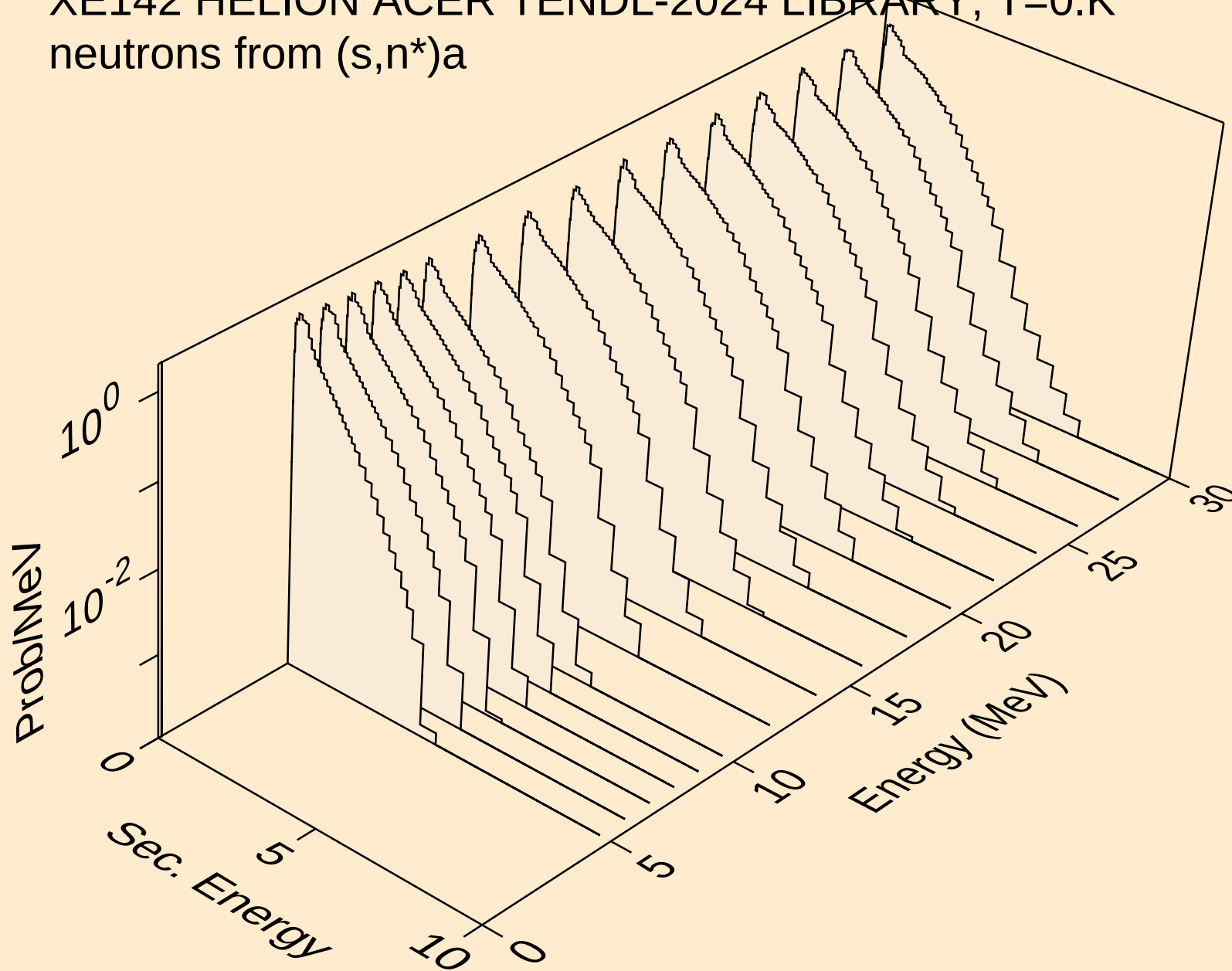
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neutrons from (s,2n)



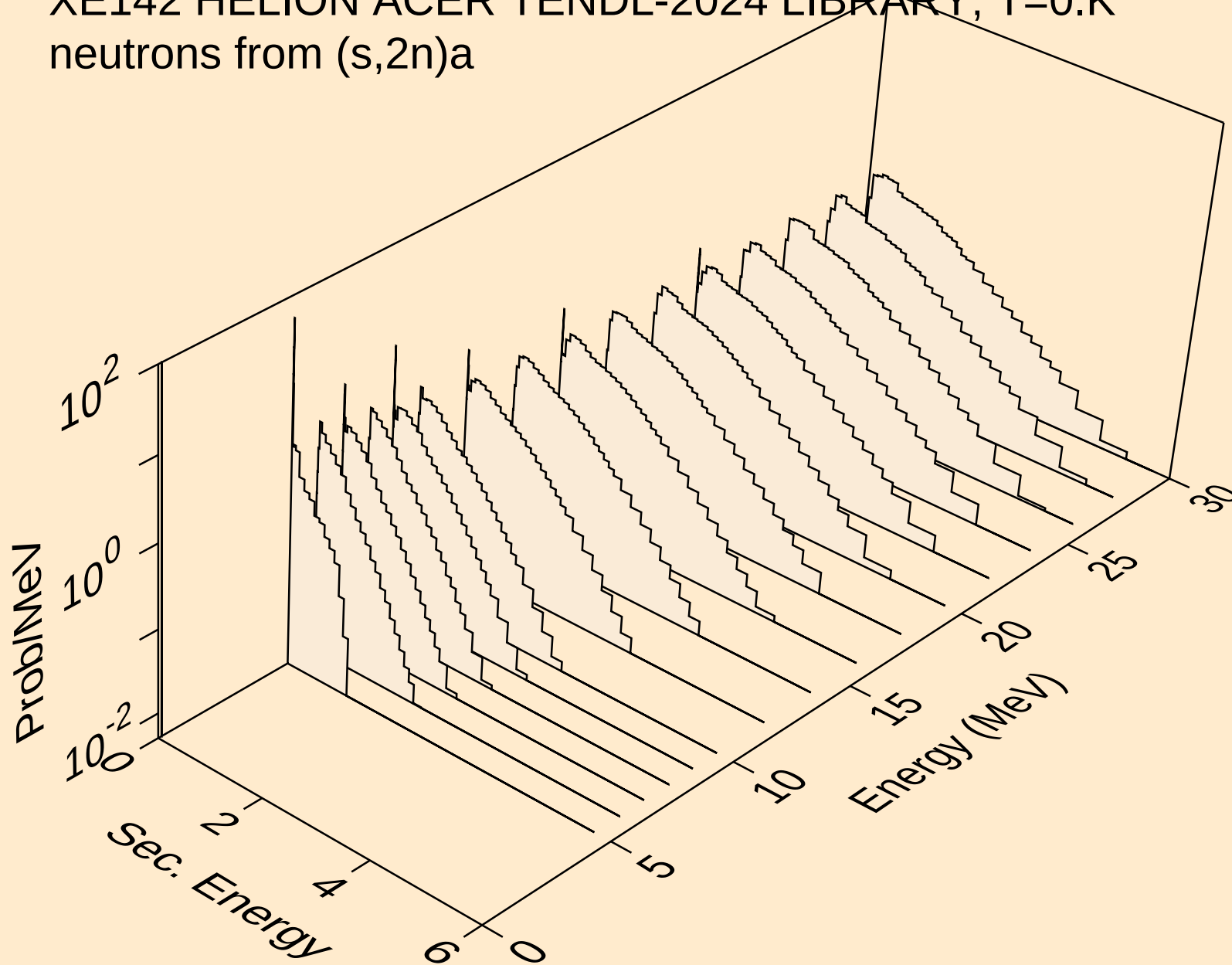
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neutrons from (s,3n)



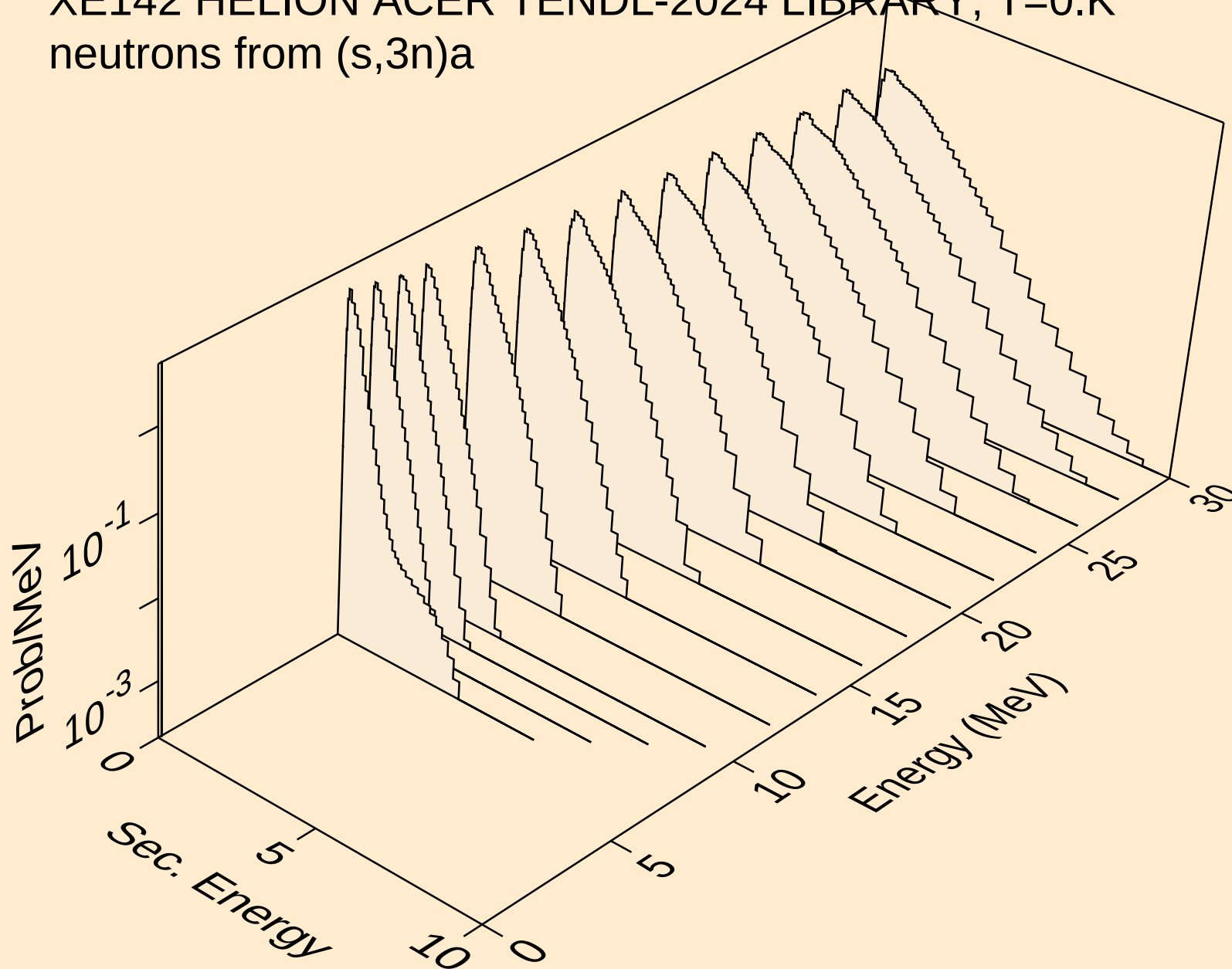
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)a



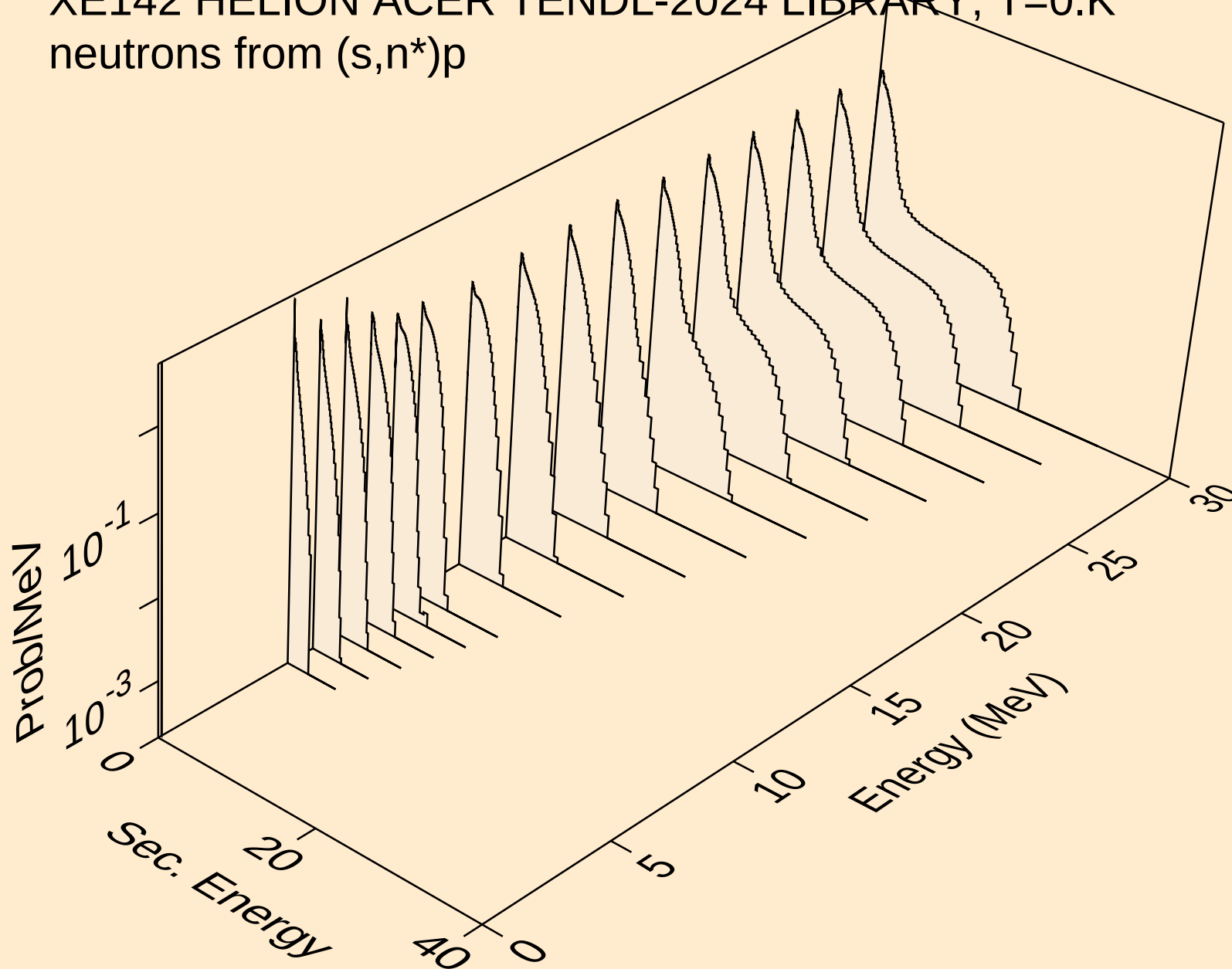
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)a



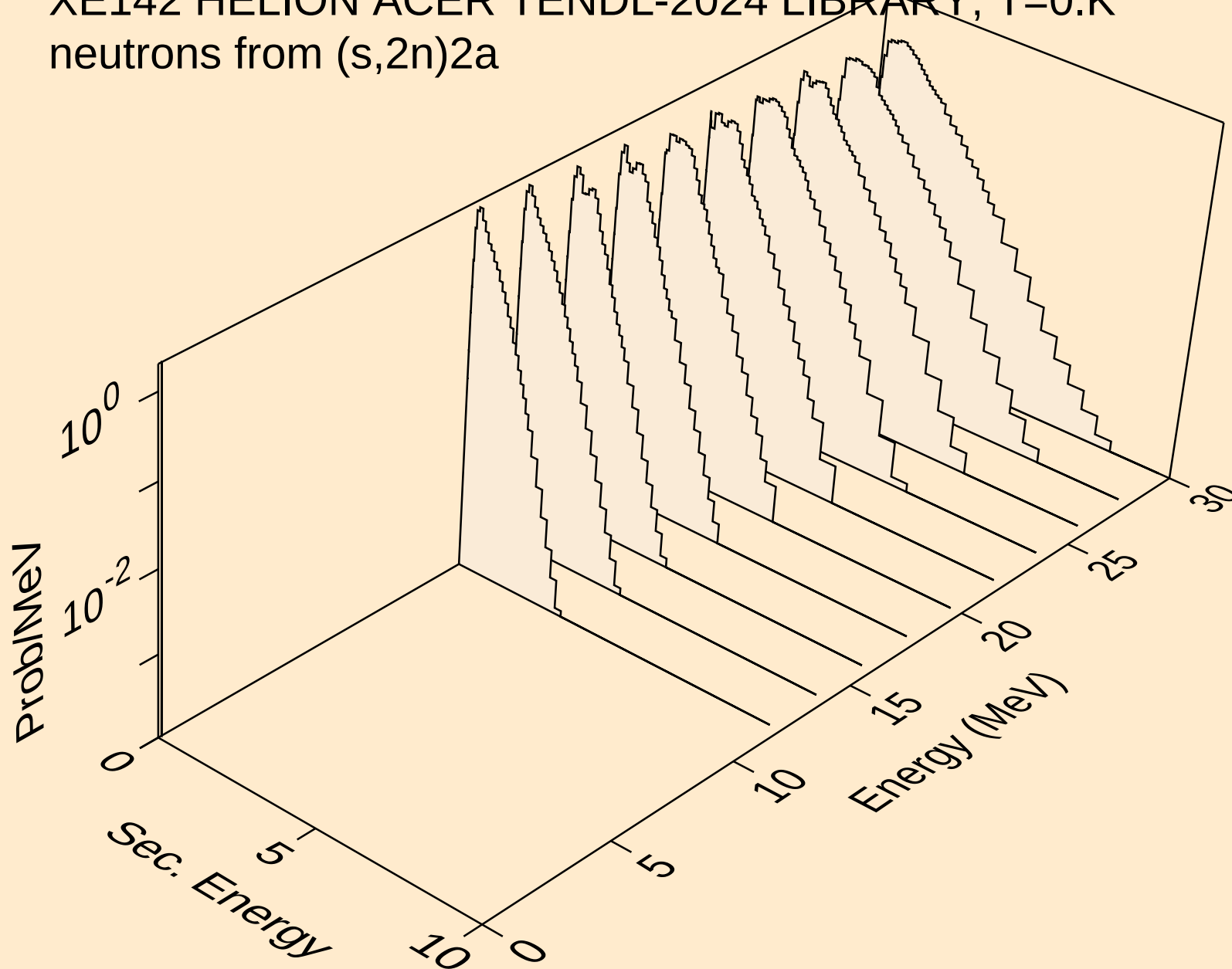
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3n)a



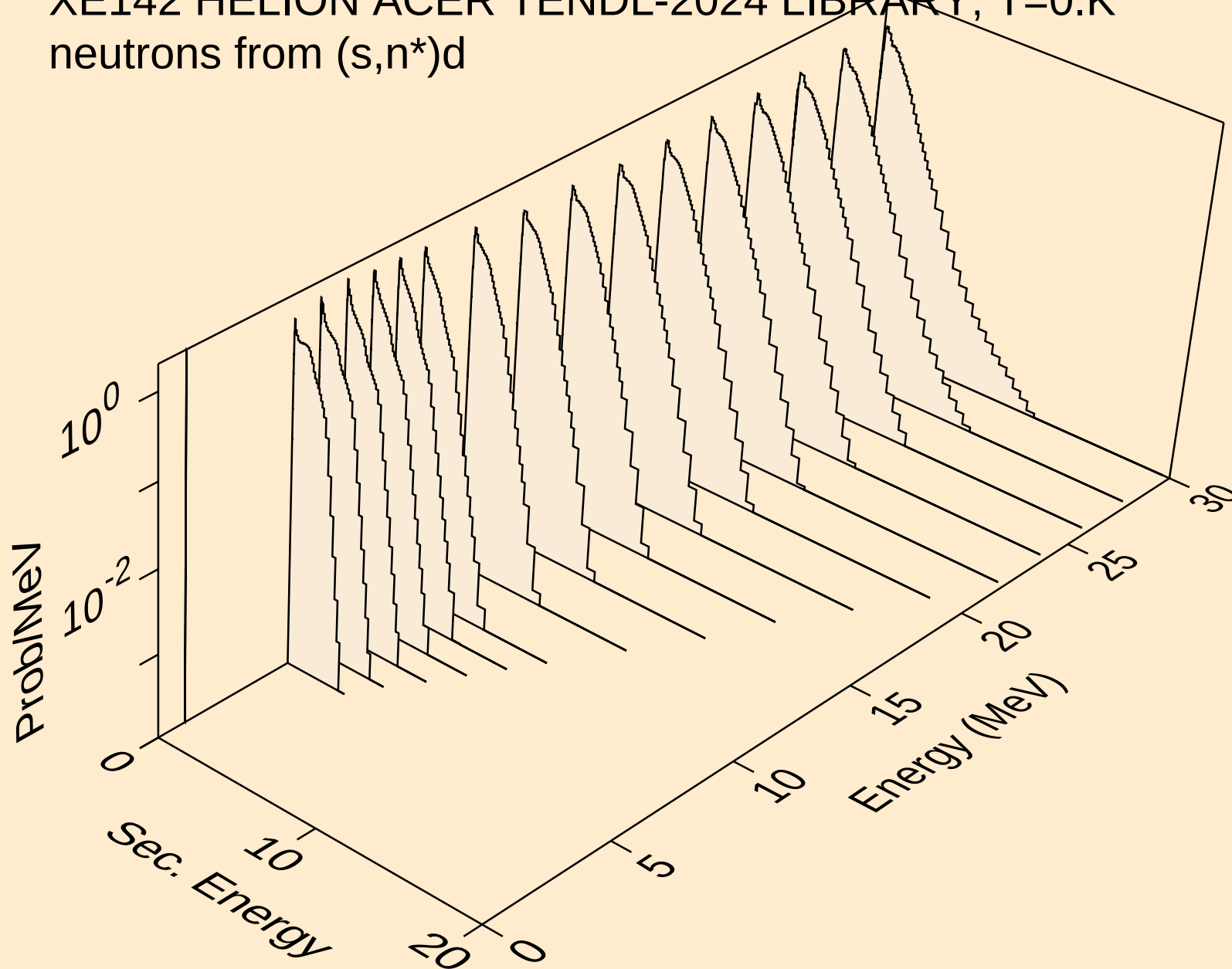
XE142 HELION ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from $(s,n^*)p$



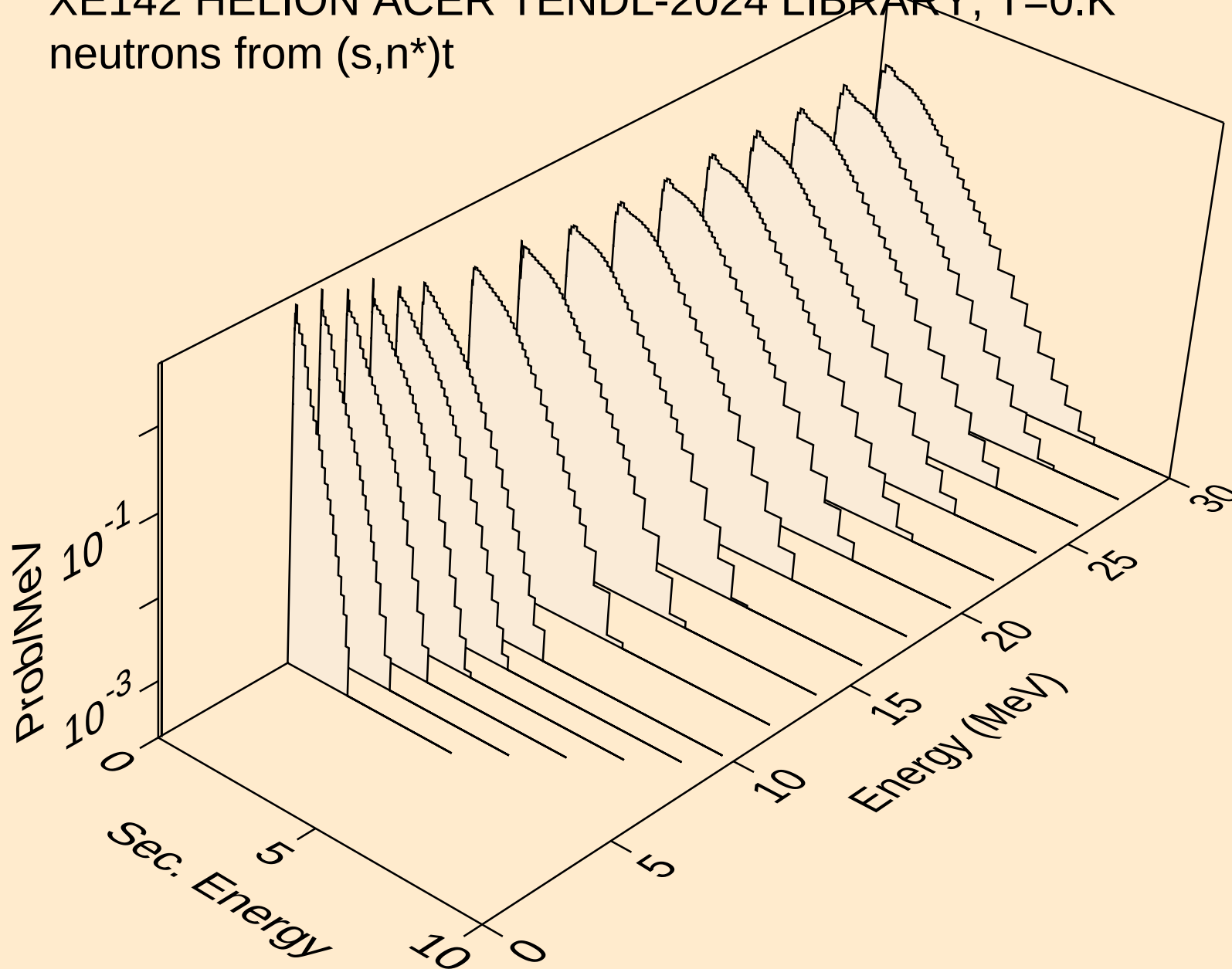
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neutrons from (s,2n)2a



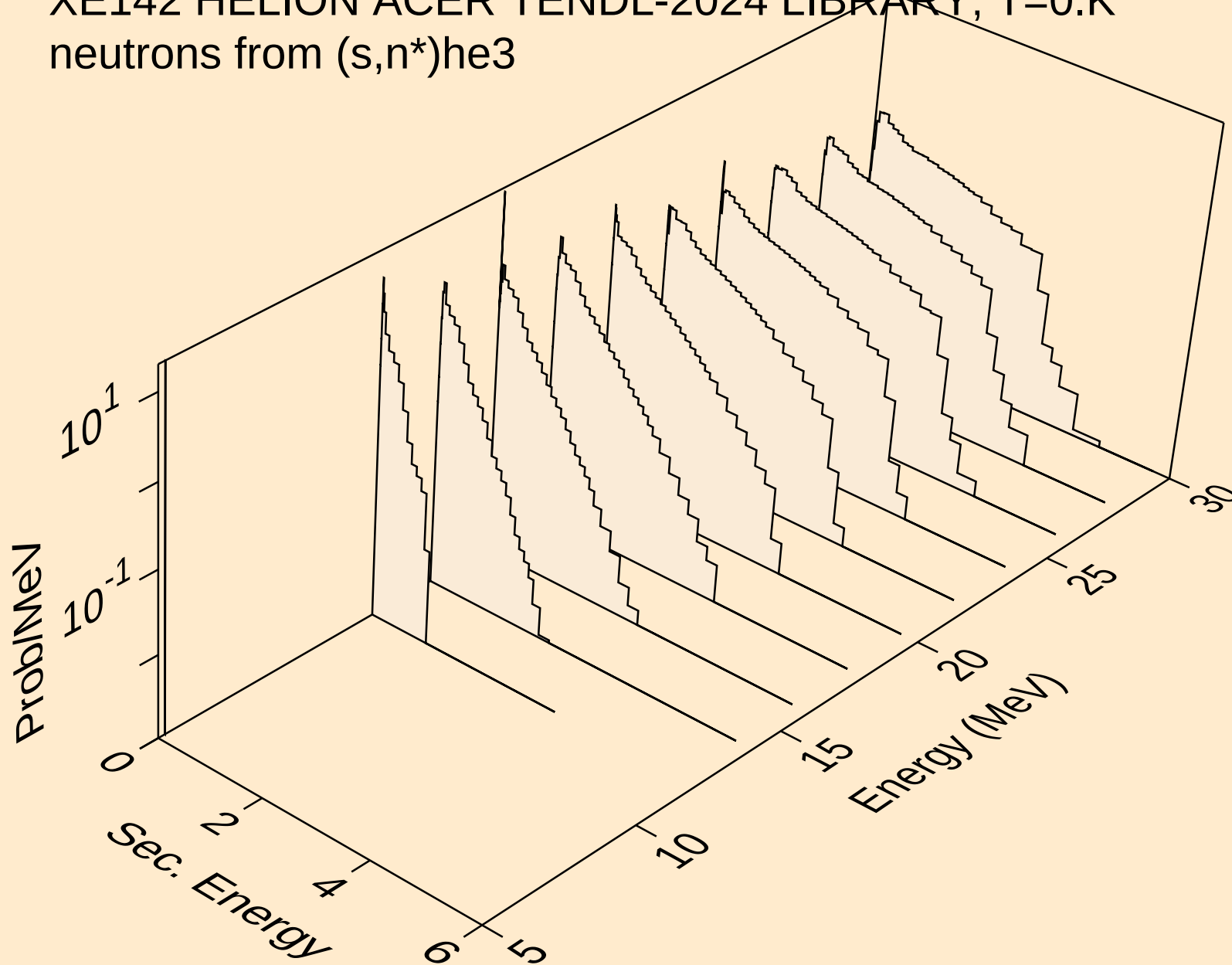
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)d



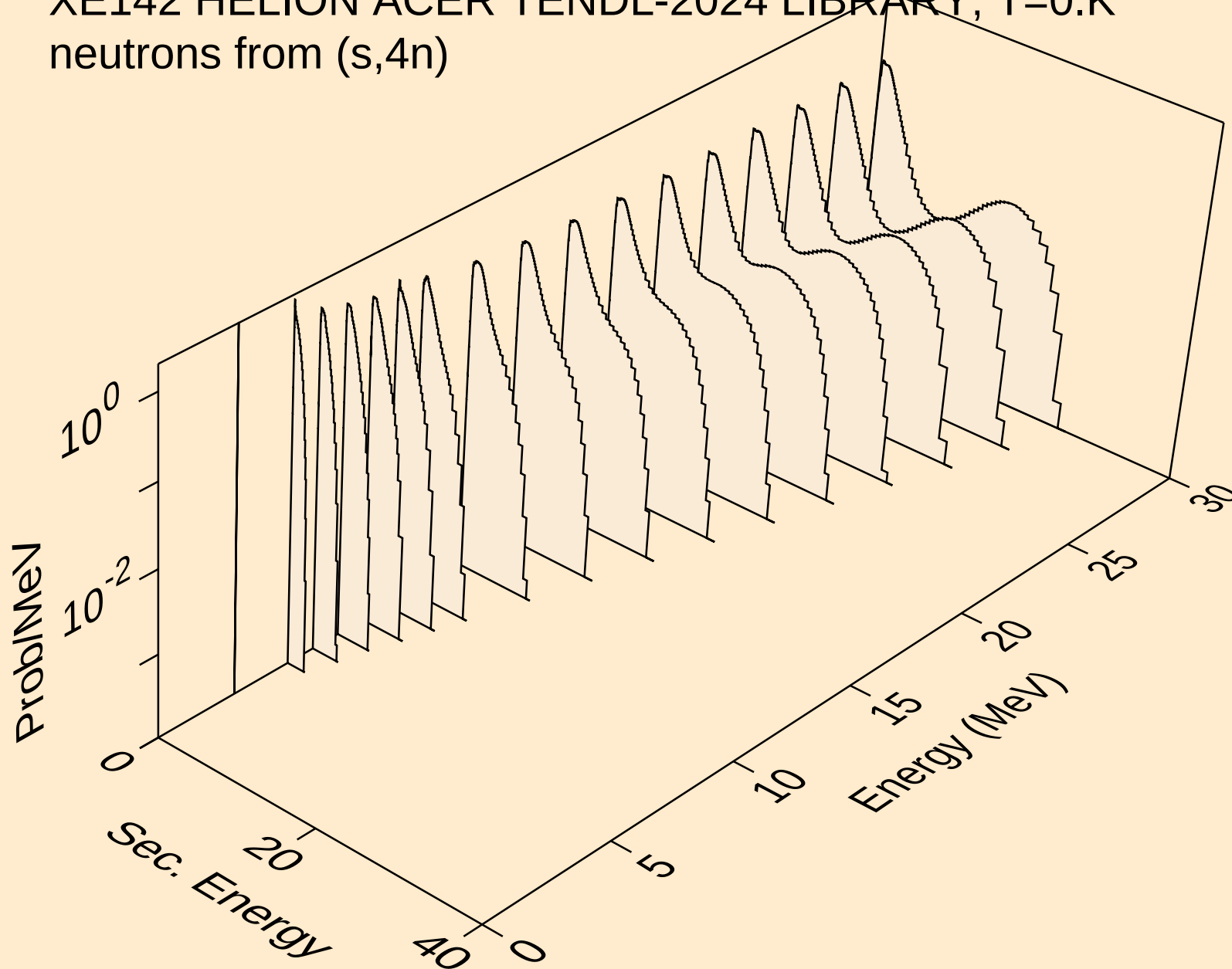
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neutrons from (s,n*)t



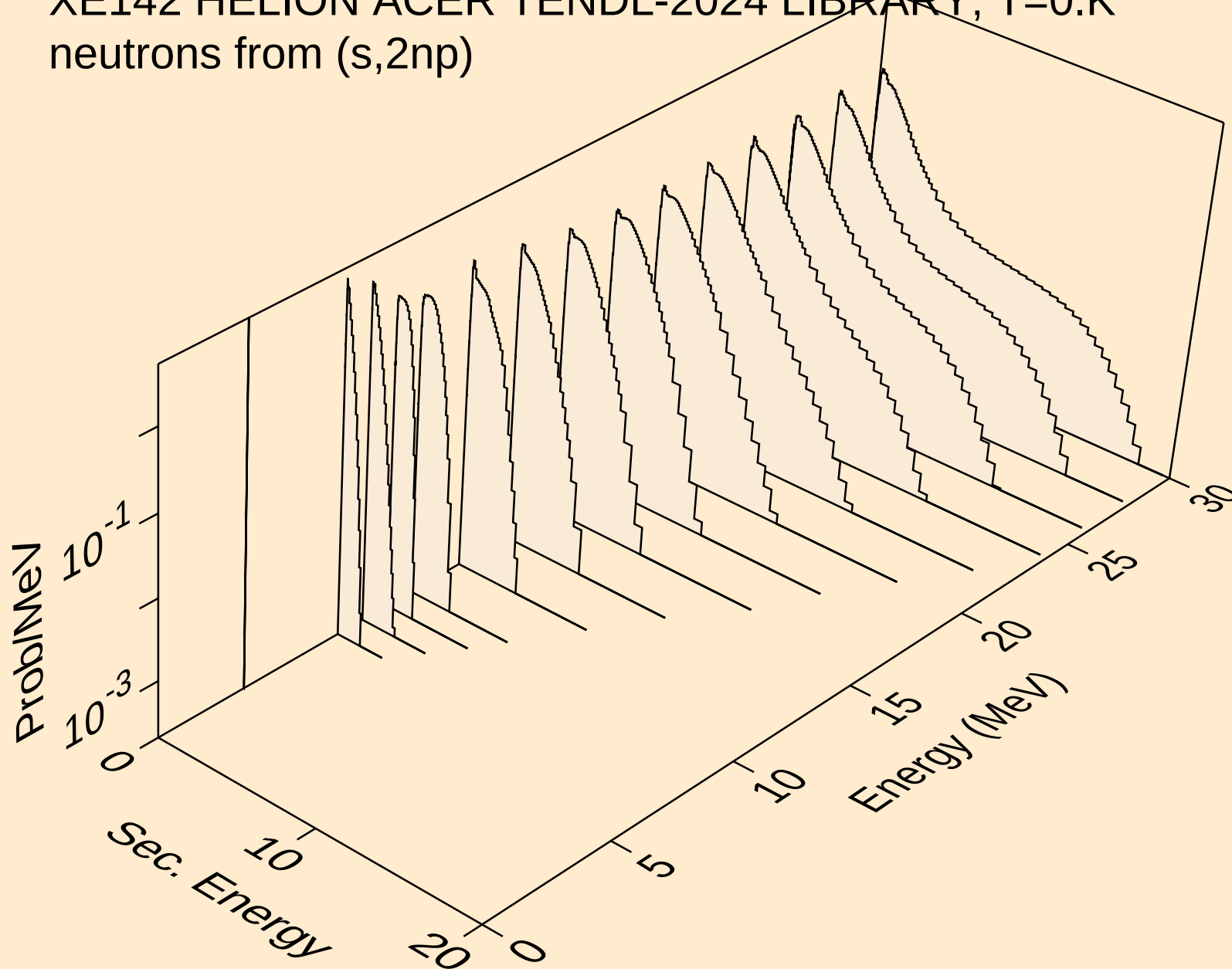
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)he3



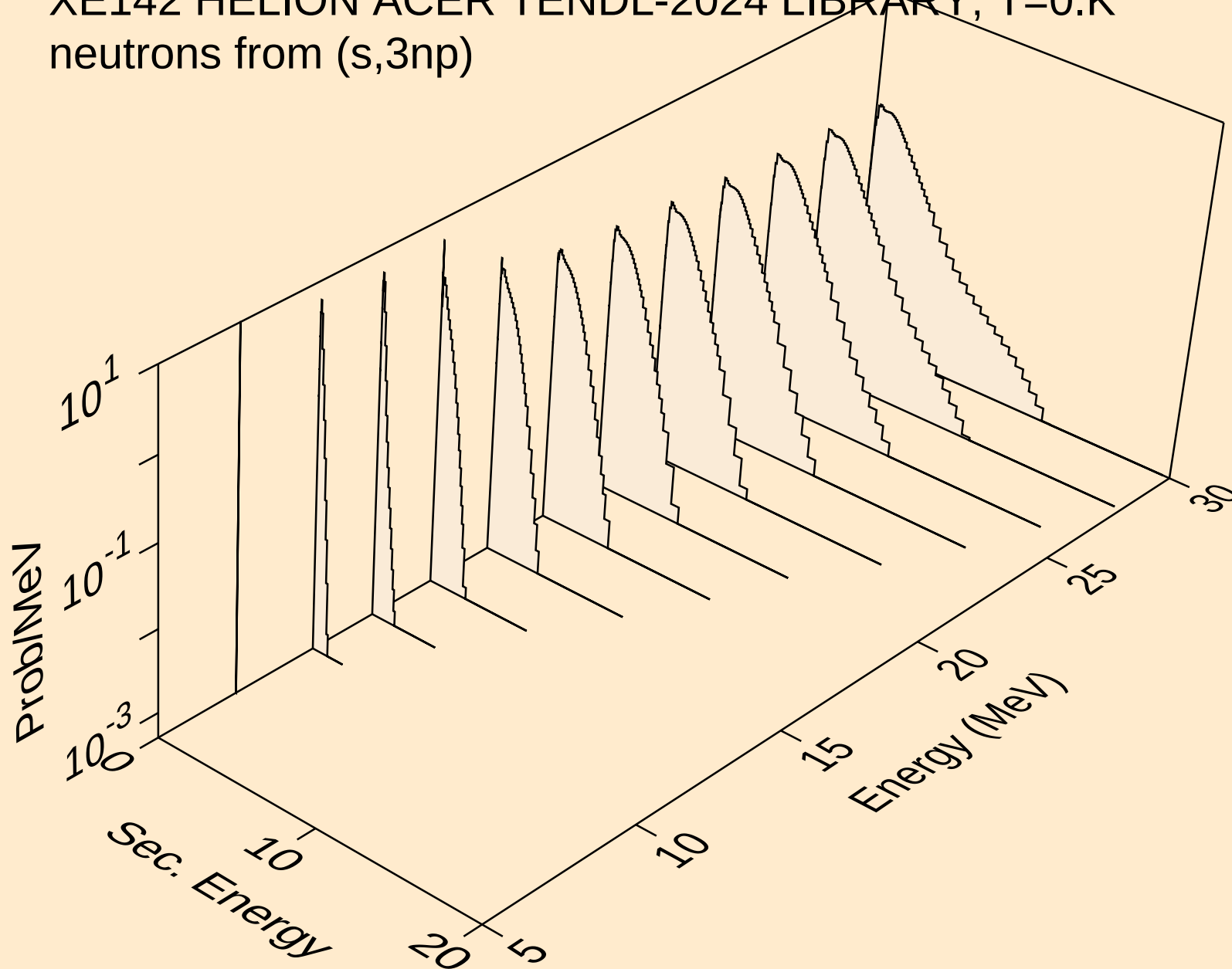
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neutrons from (s,4n)



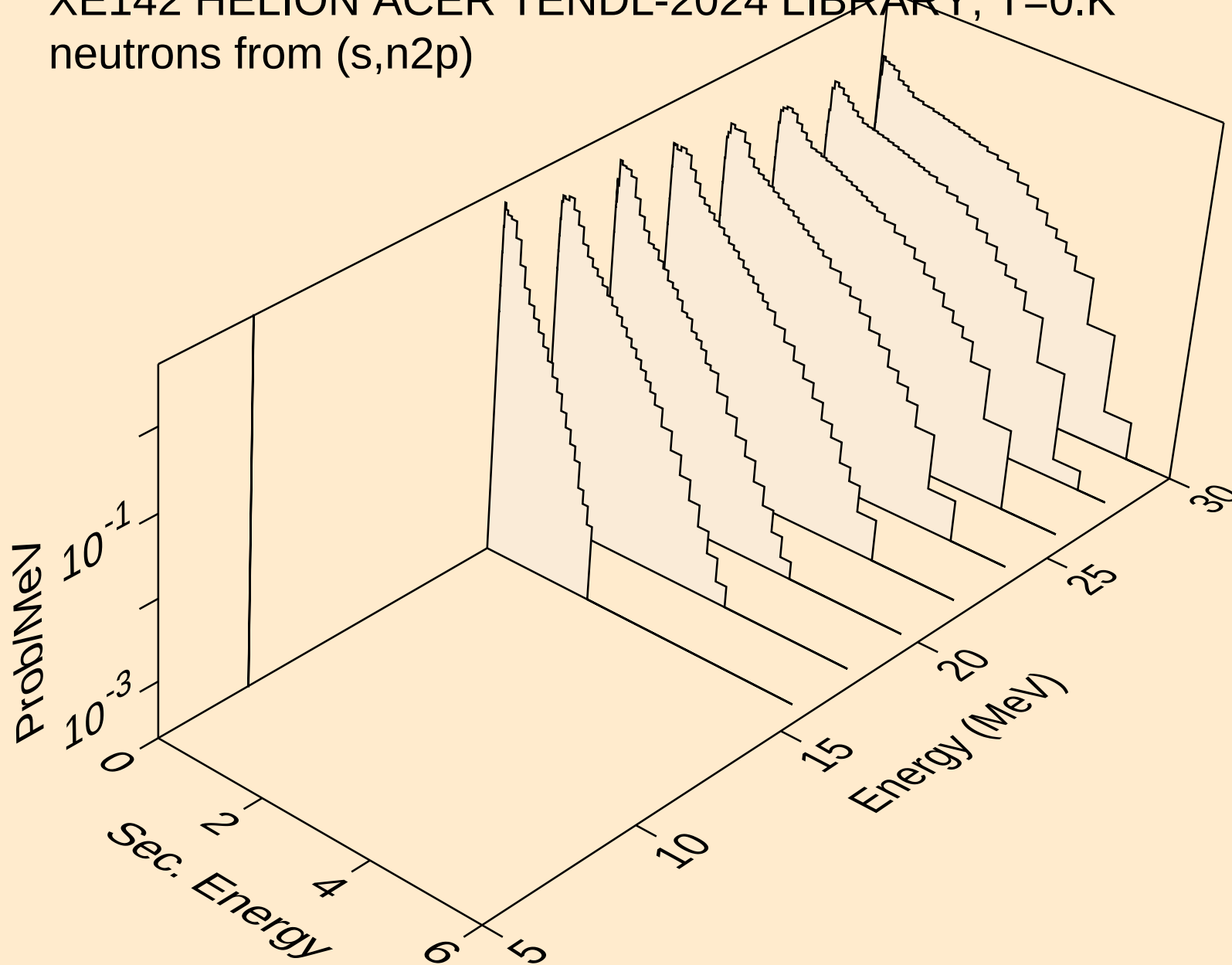
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neutrons from (s,2np)



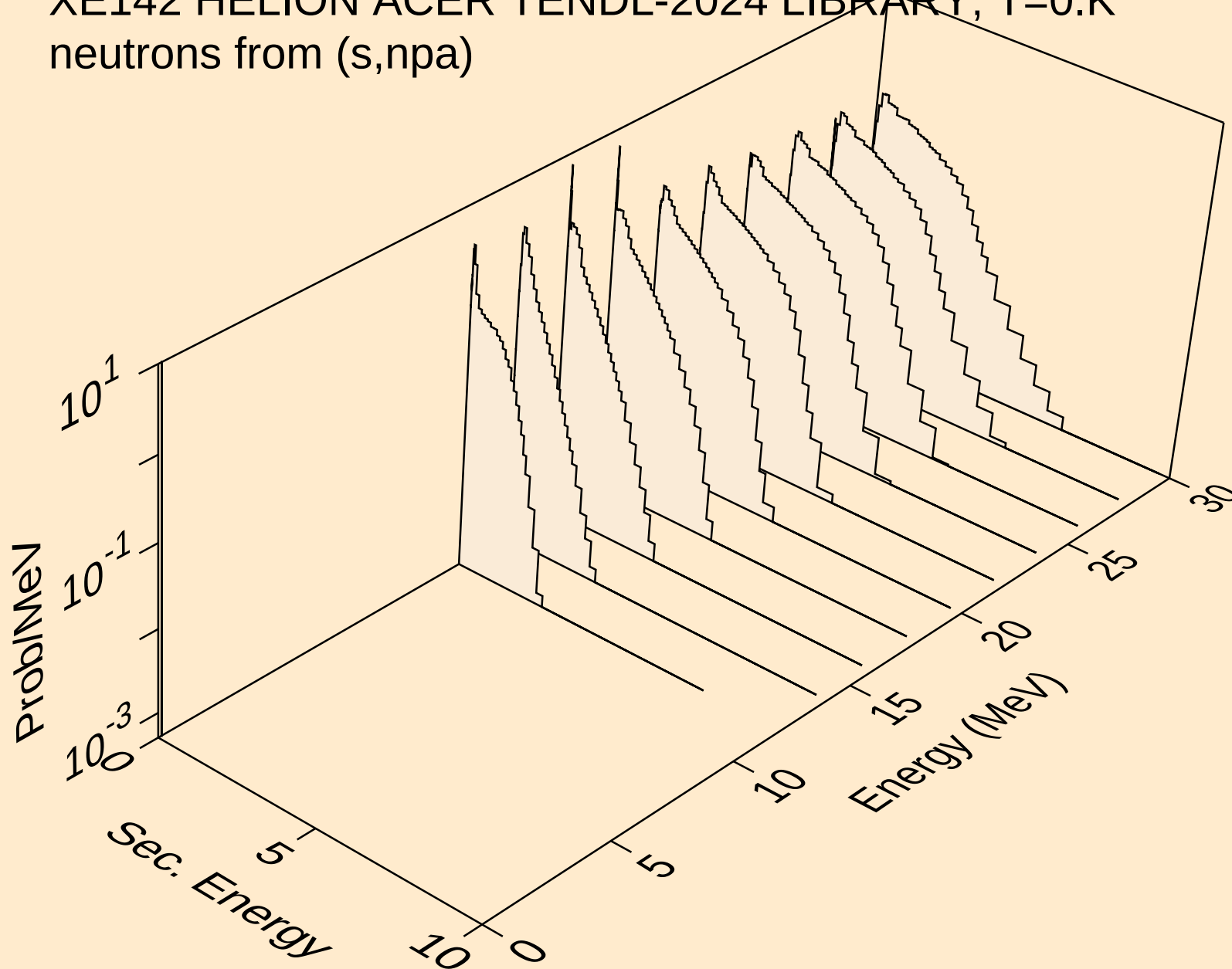
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neutrons from (s,3np)



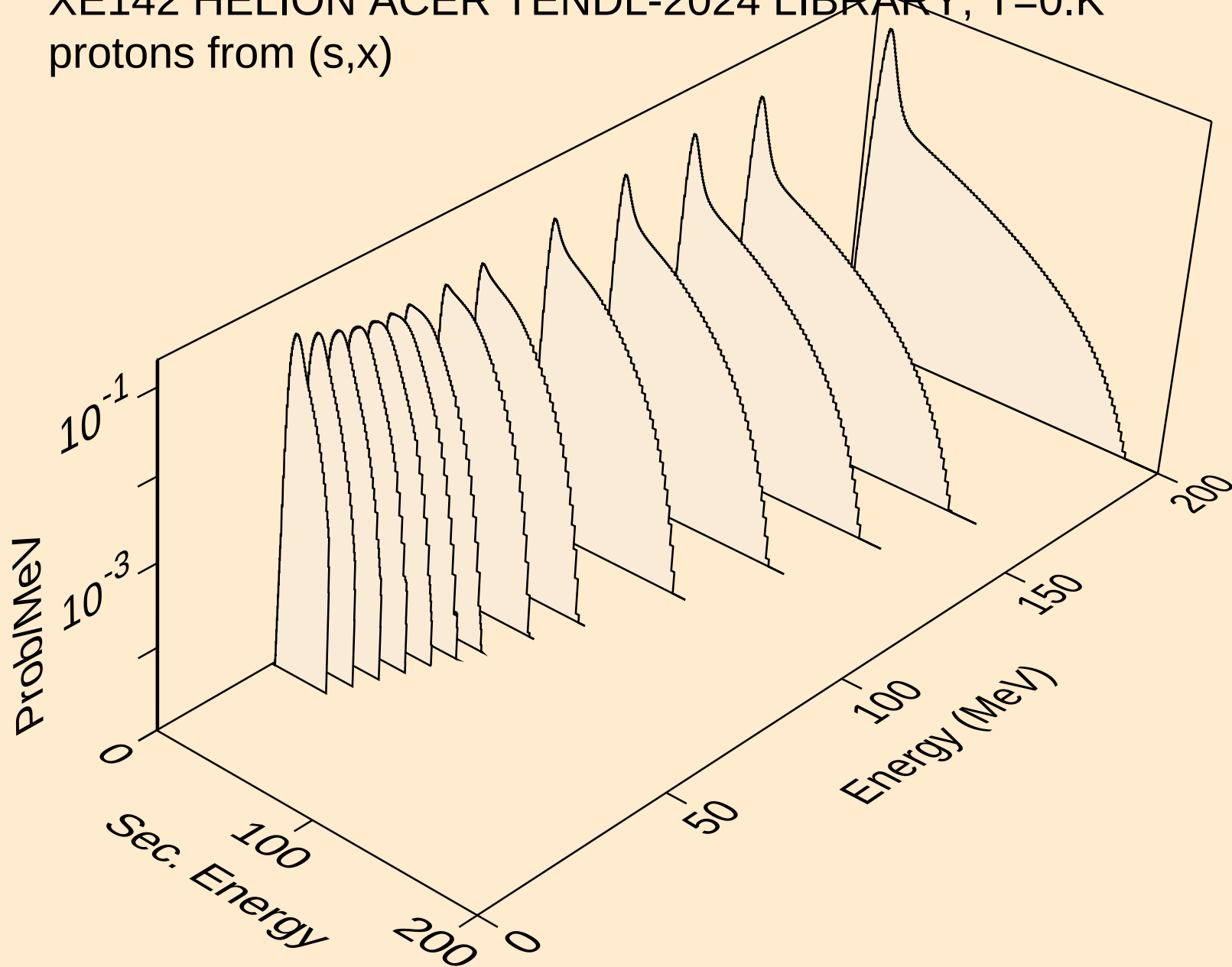
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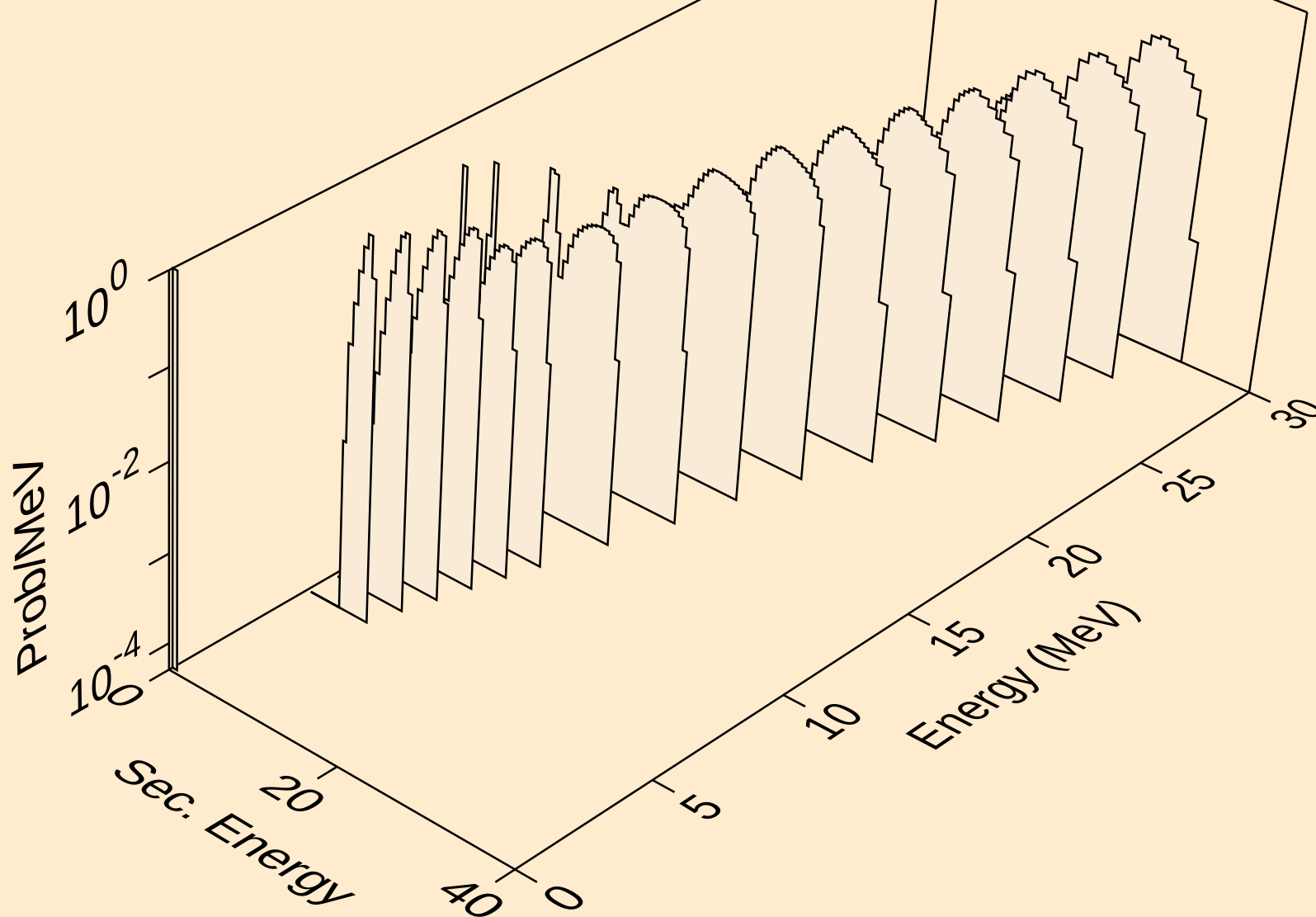
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neutrons from (s,npa)



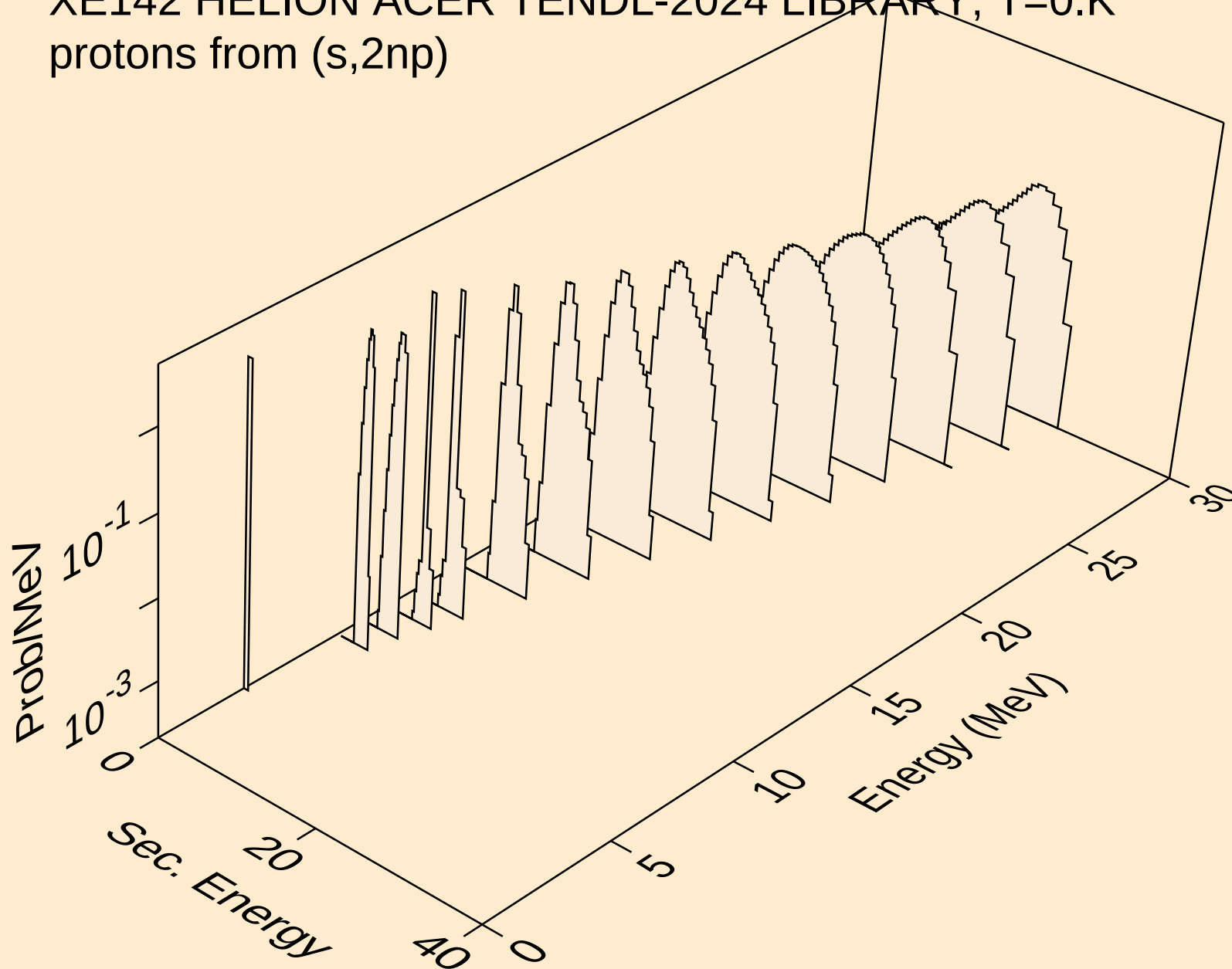
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protons from (s,x)



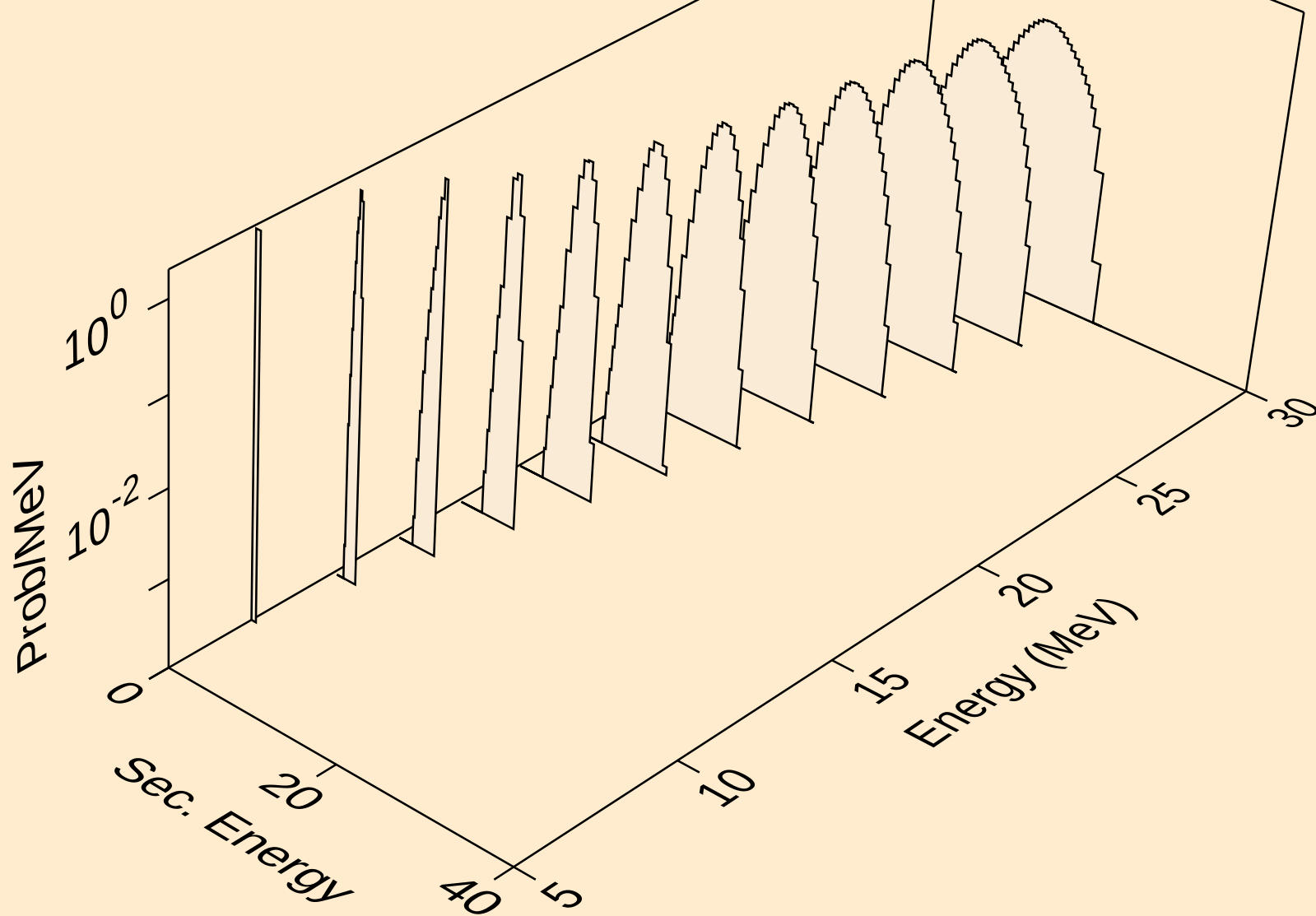
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protons from (s,n*)p



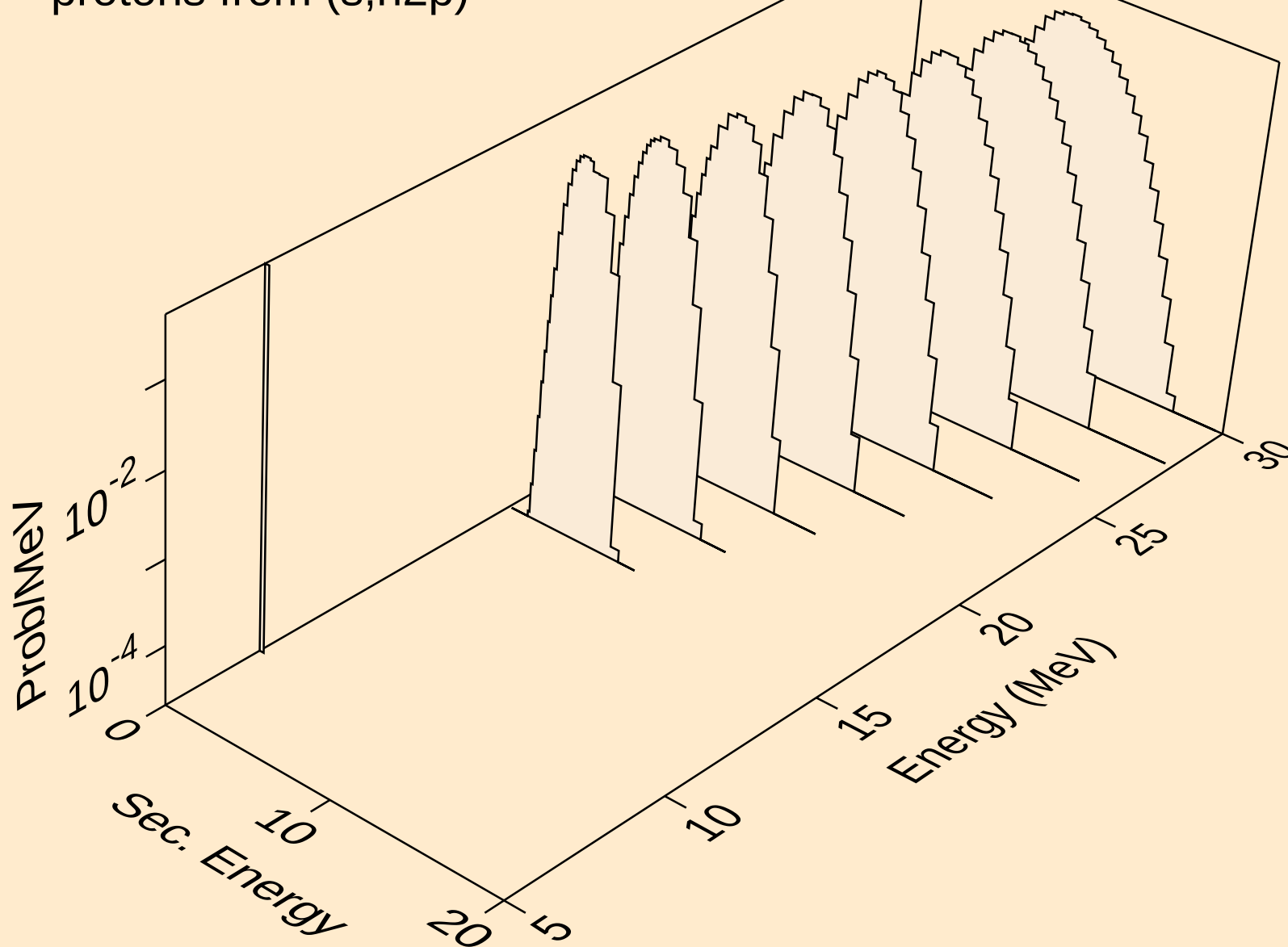
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protons from (s,2np)



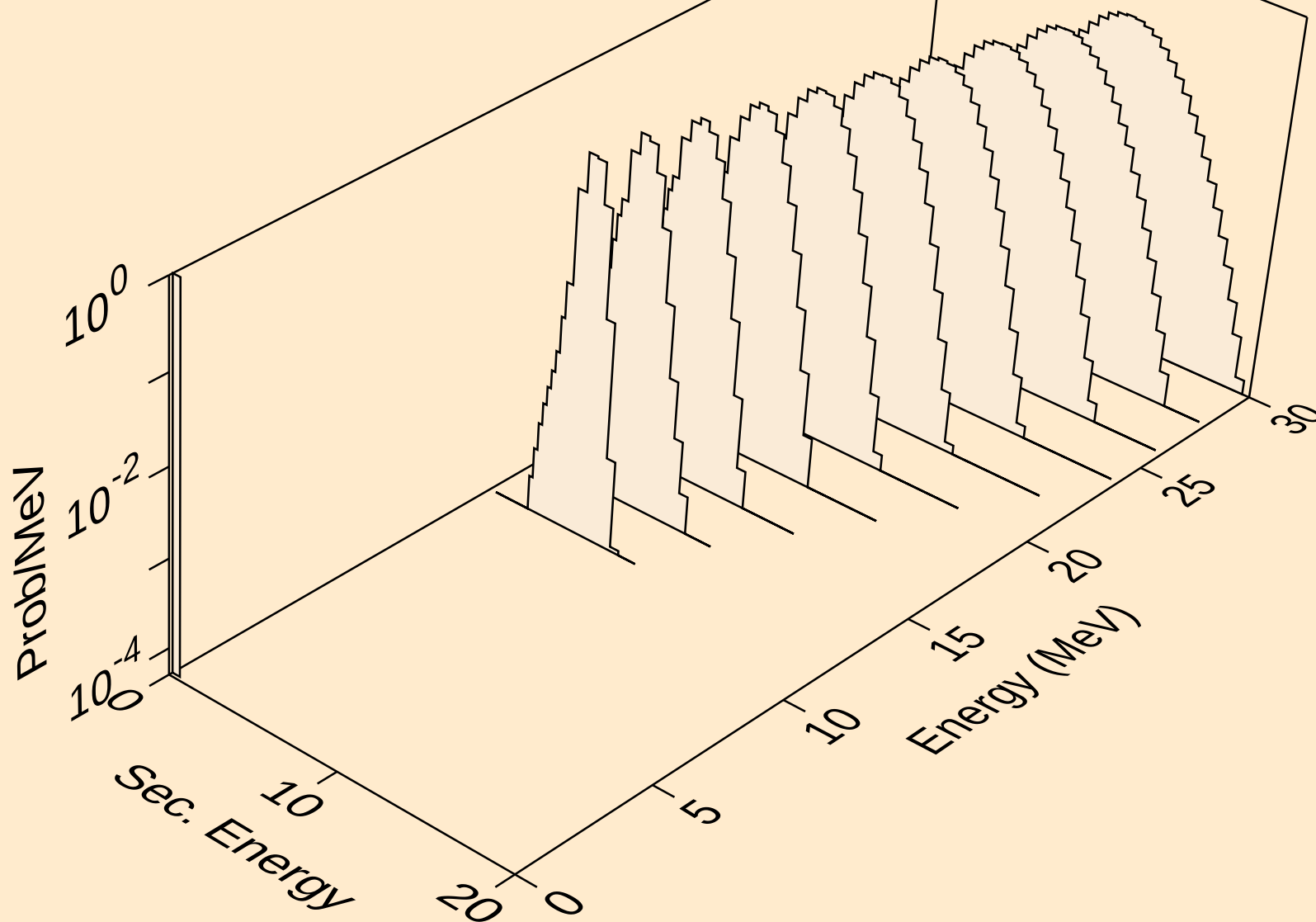
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,3np)



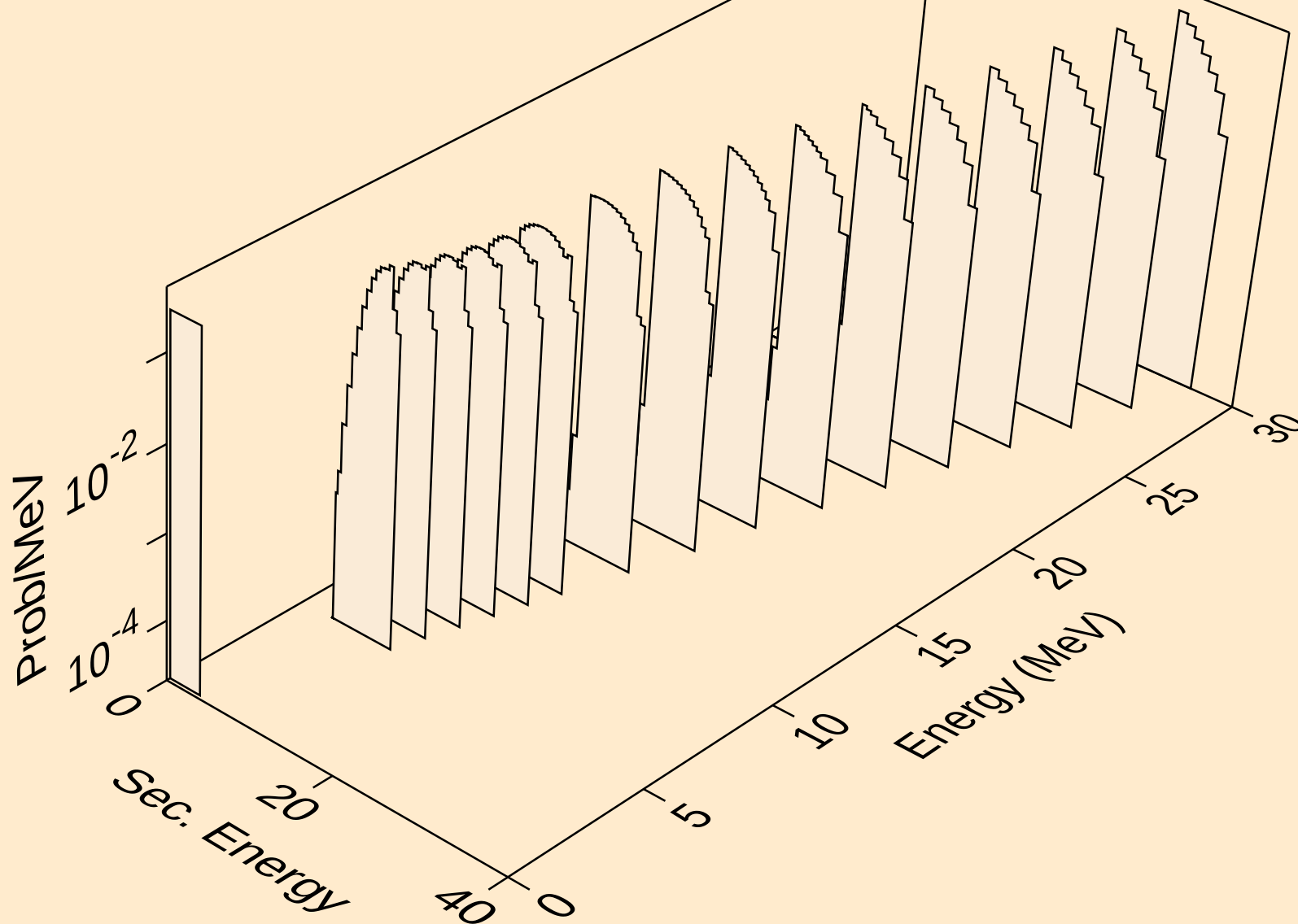
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,n2p)



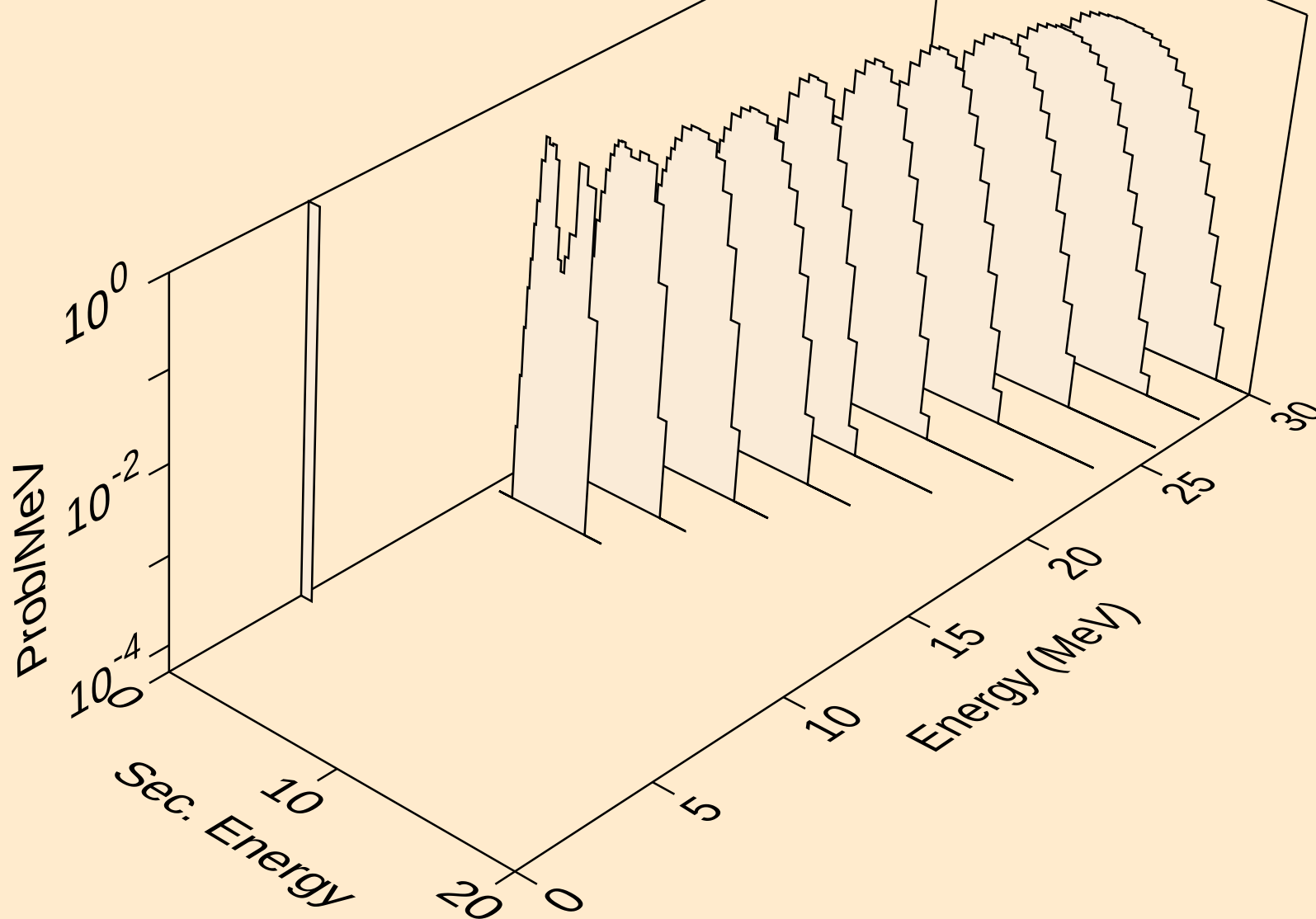
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protons from (s,npa)



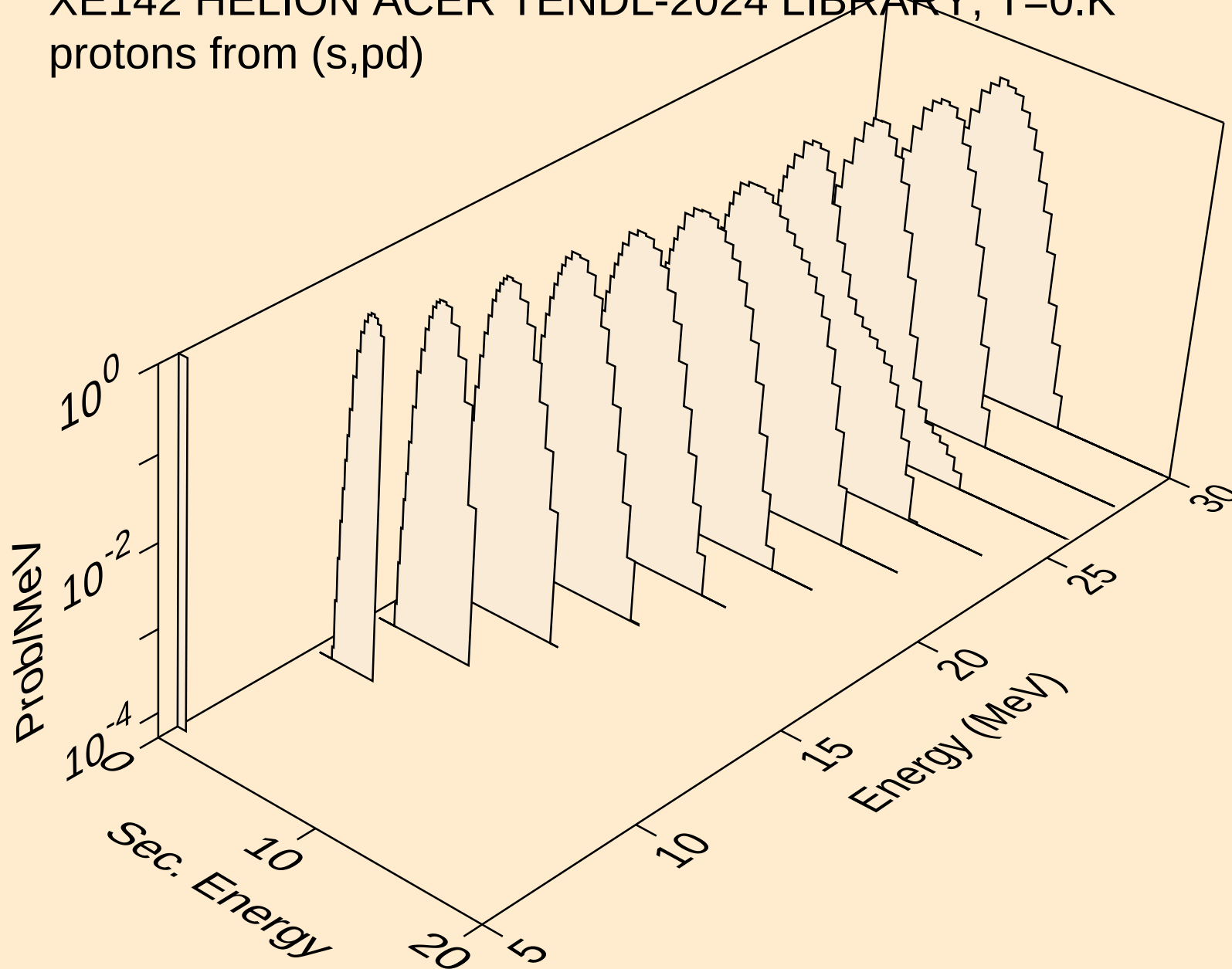
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protons from (s,p)



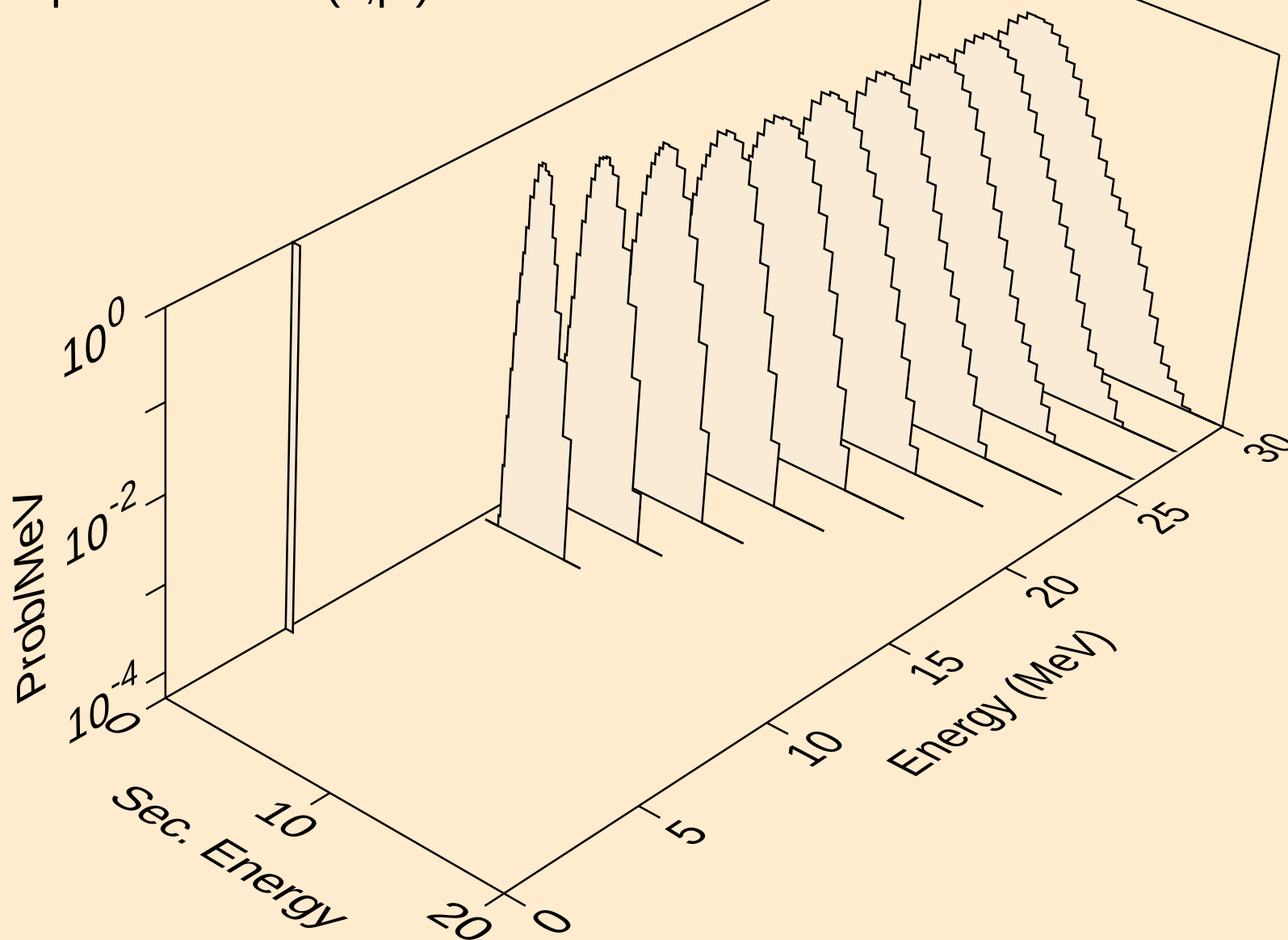
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protons from (s,2p)



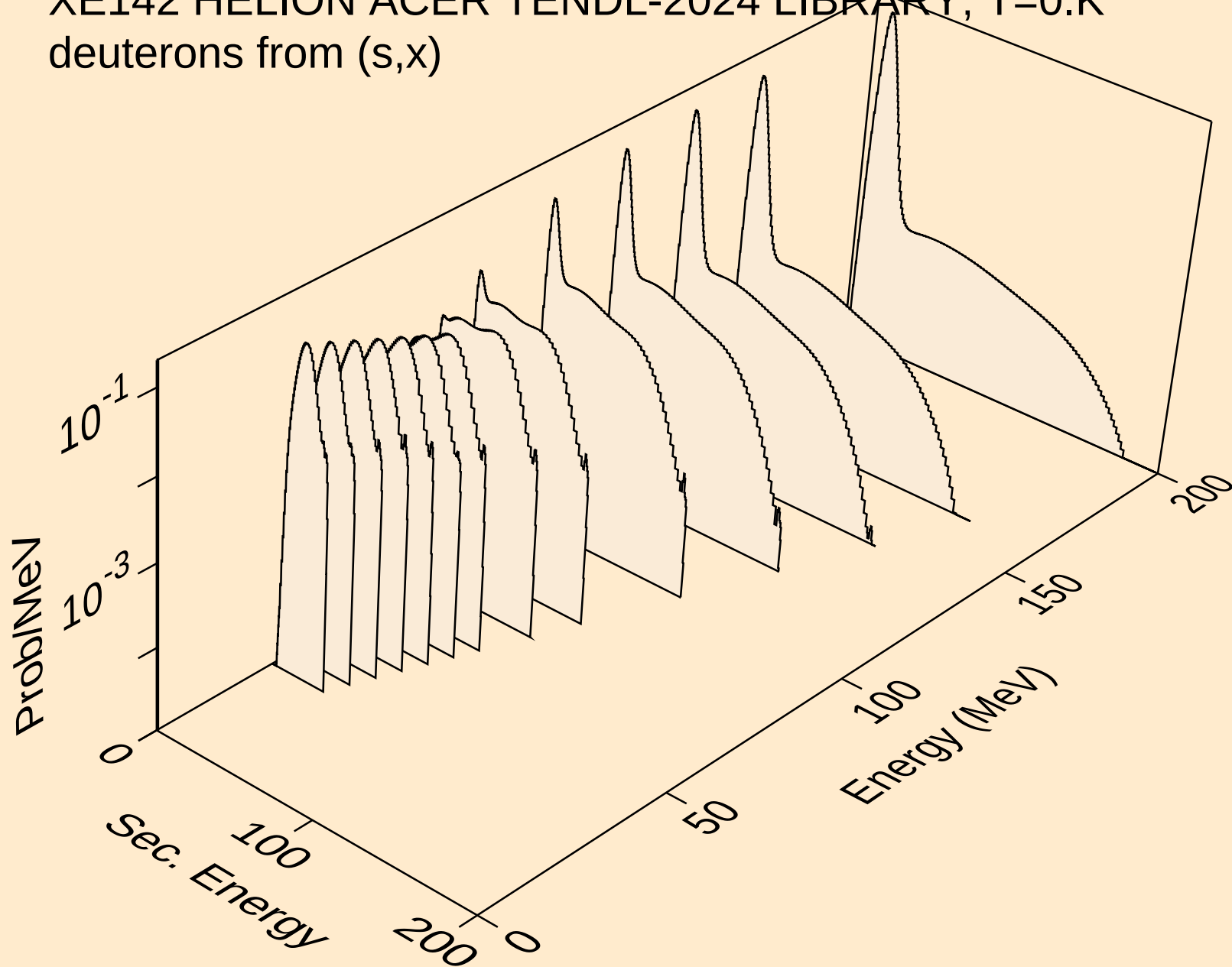
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protons from (s,pd)



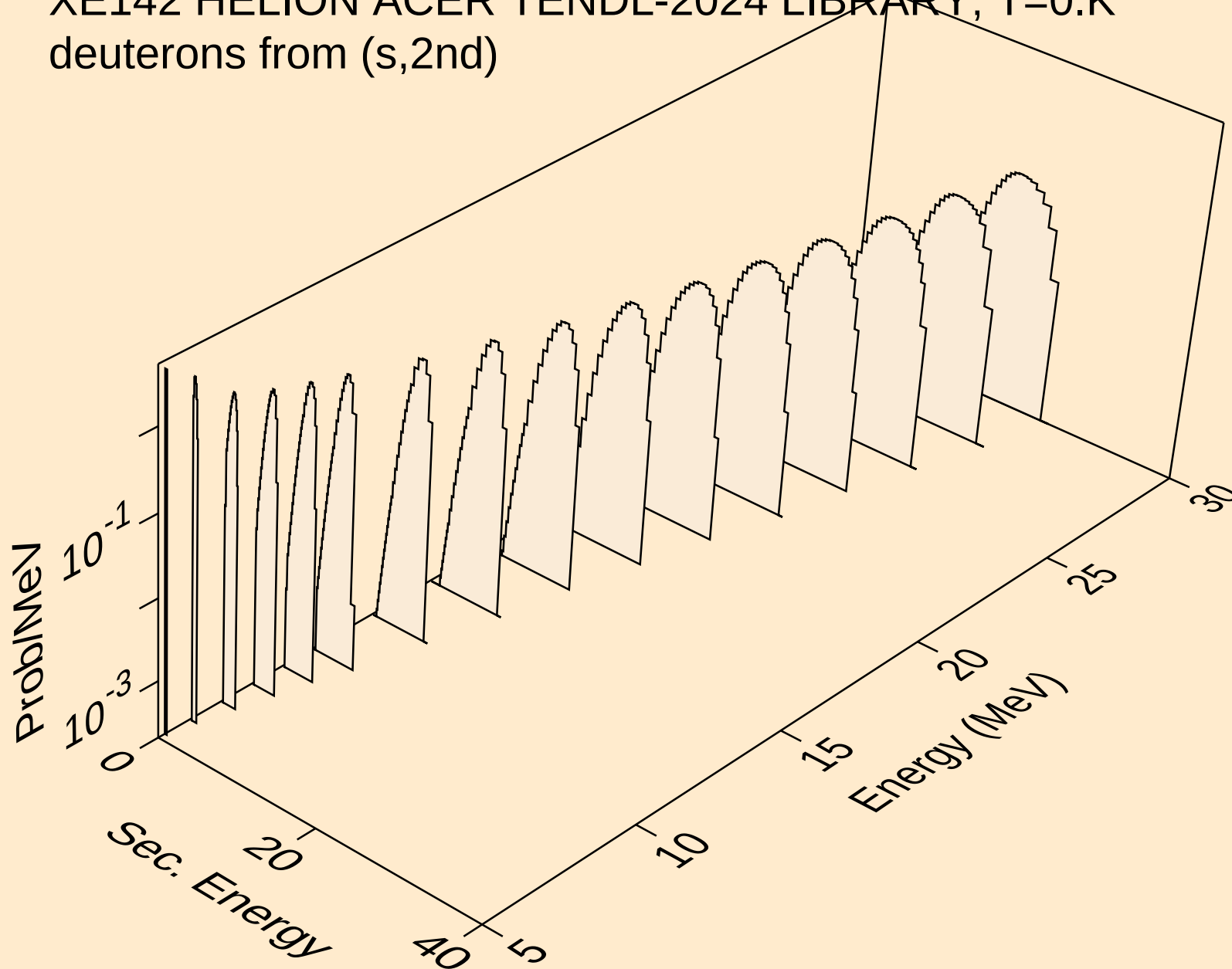
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protons from (s,pt)



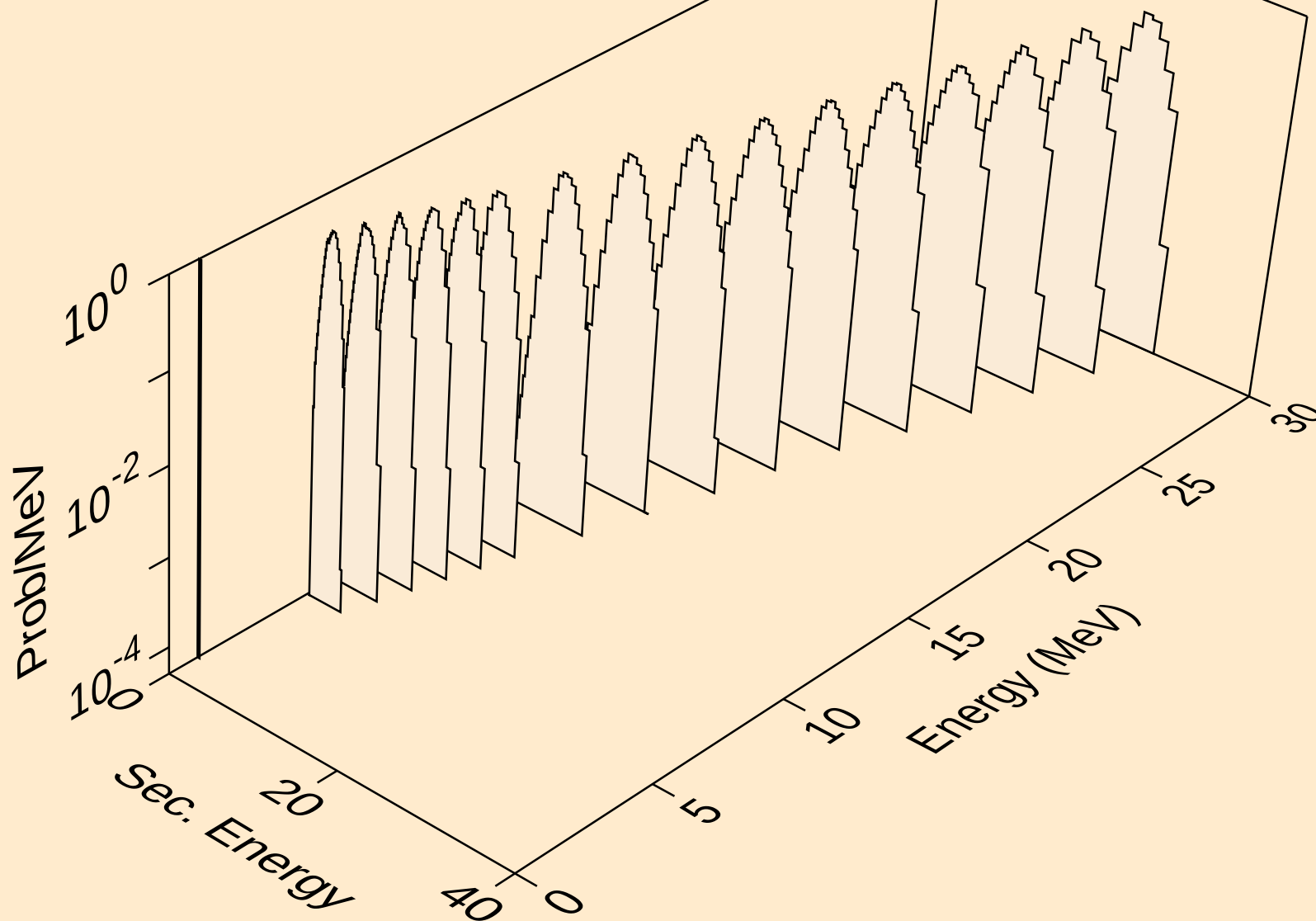
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deuterons from (s,x)



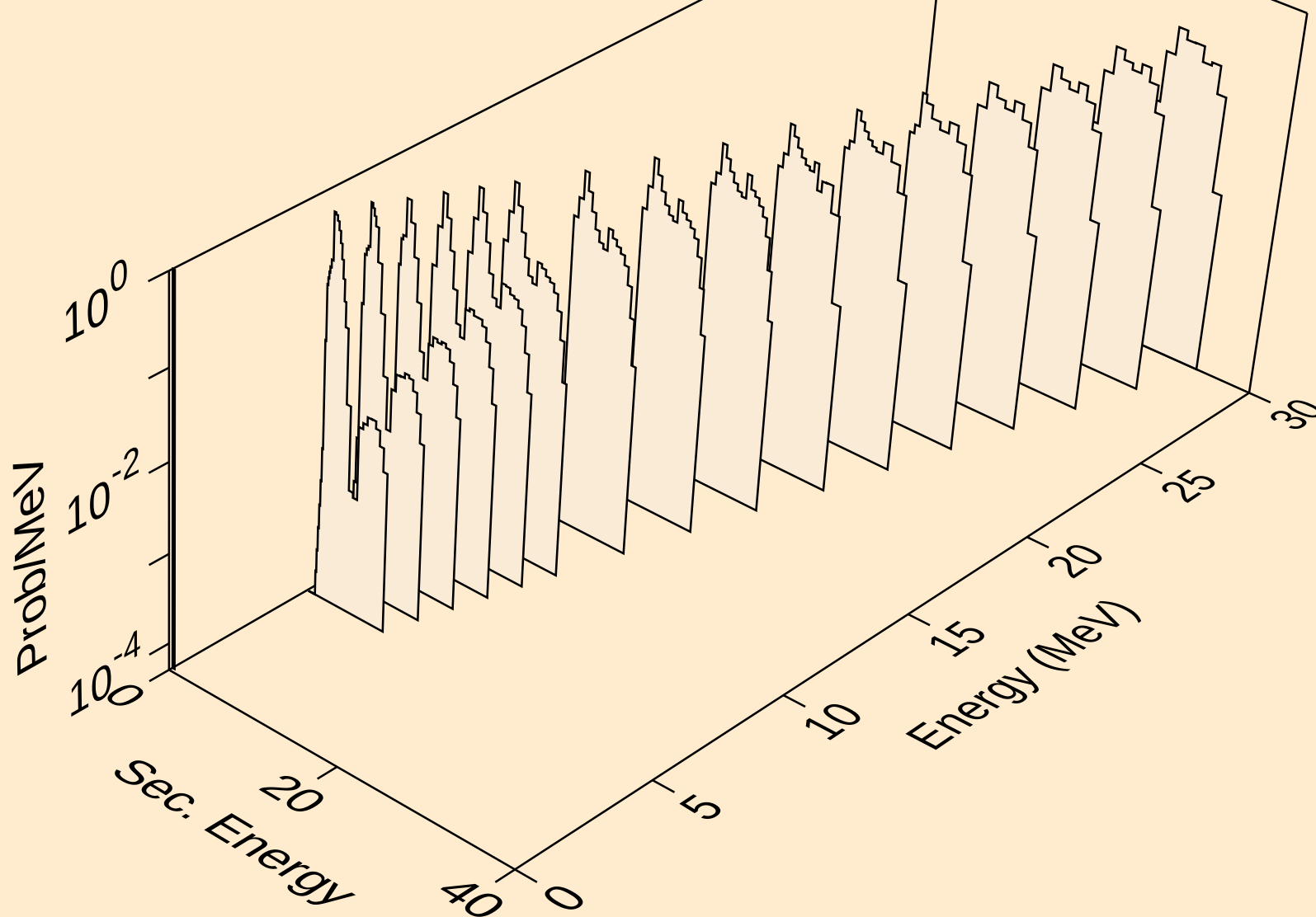
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deuterons from (s,2nd)



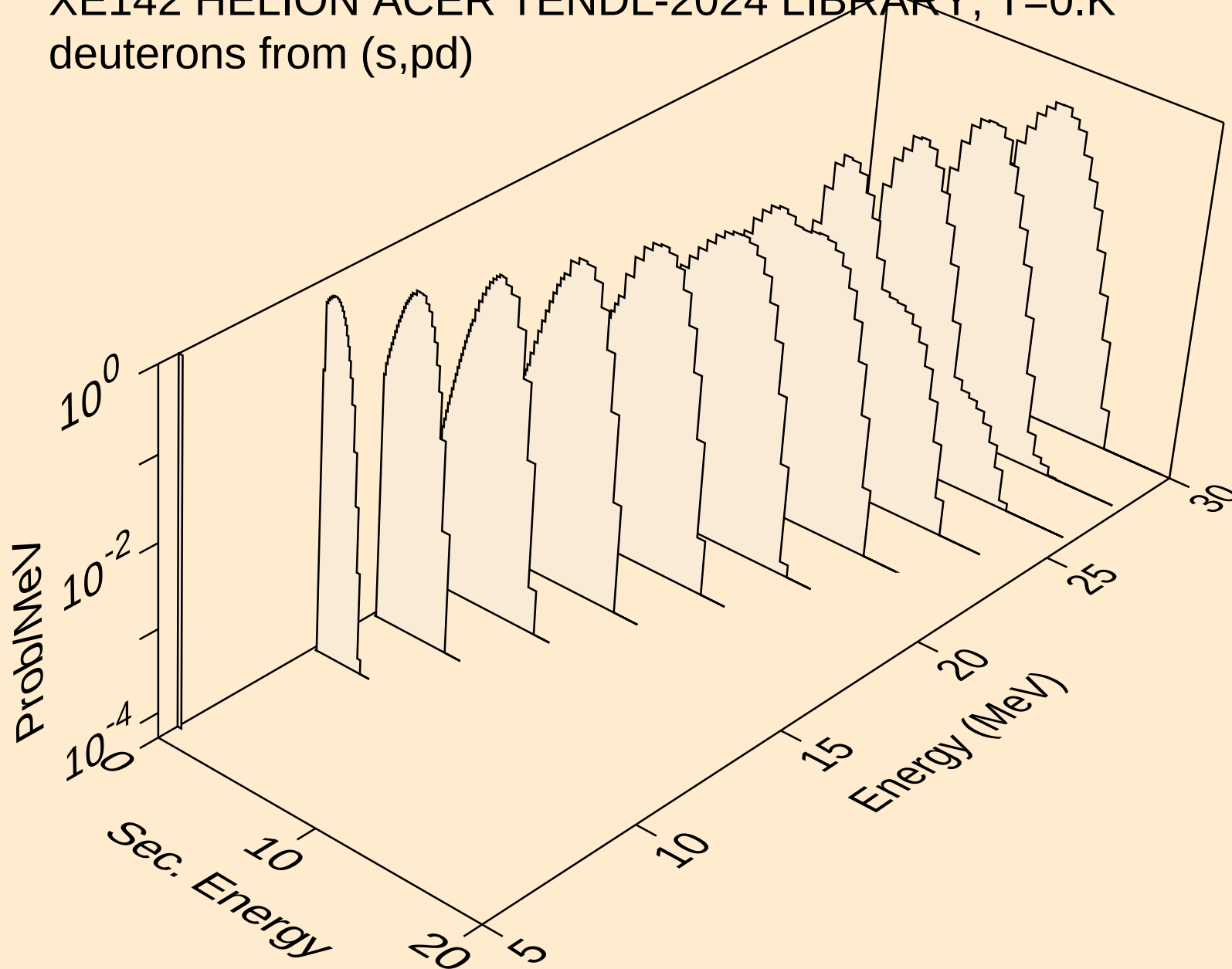
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deuterons from (s,n*)d



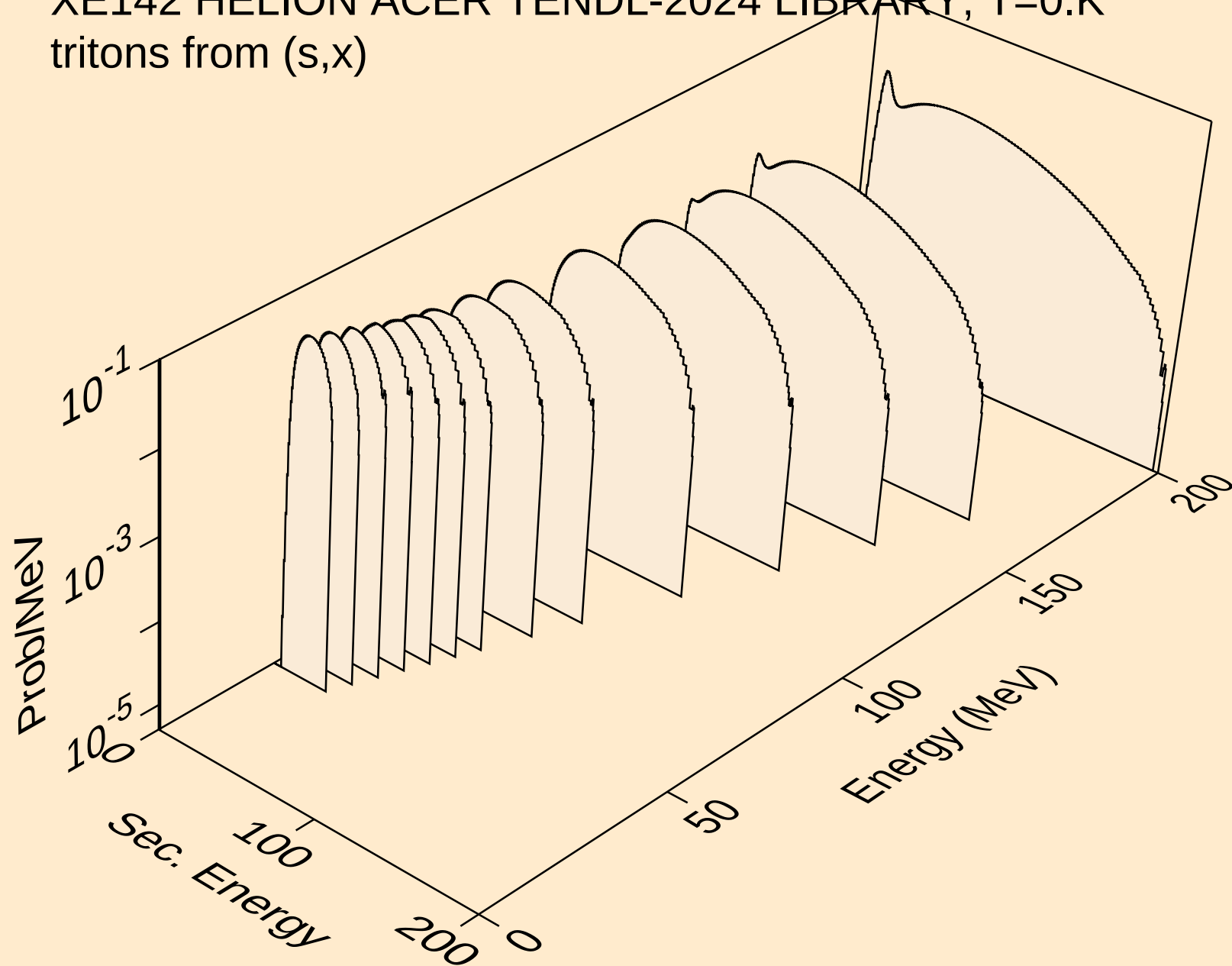
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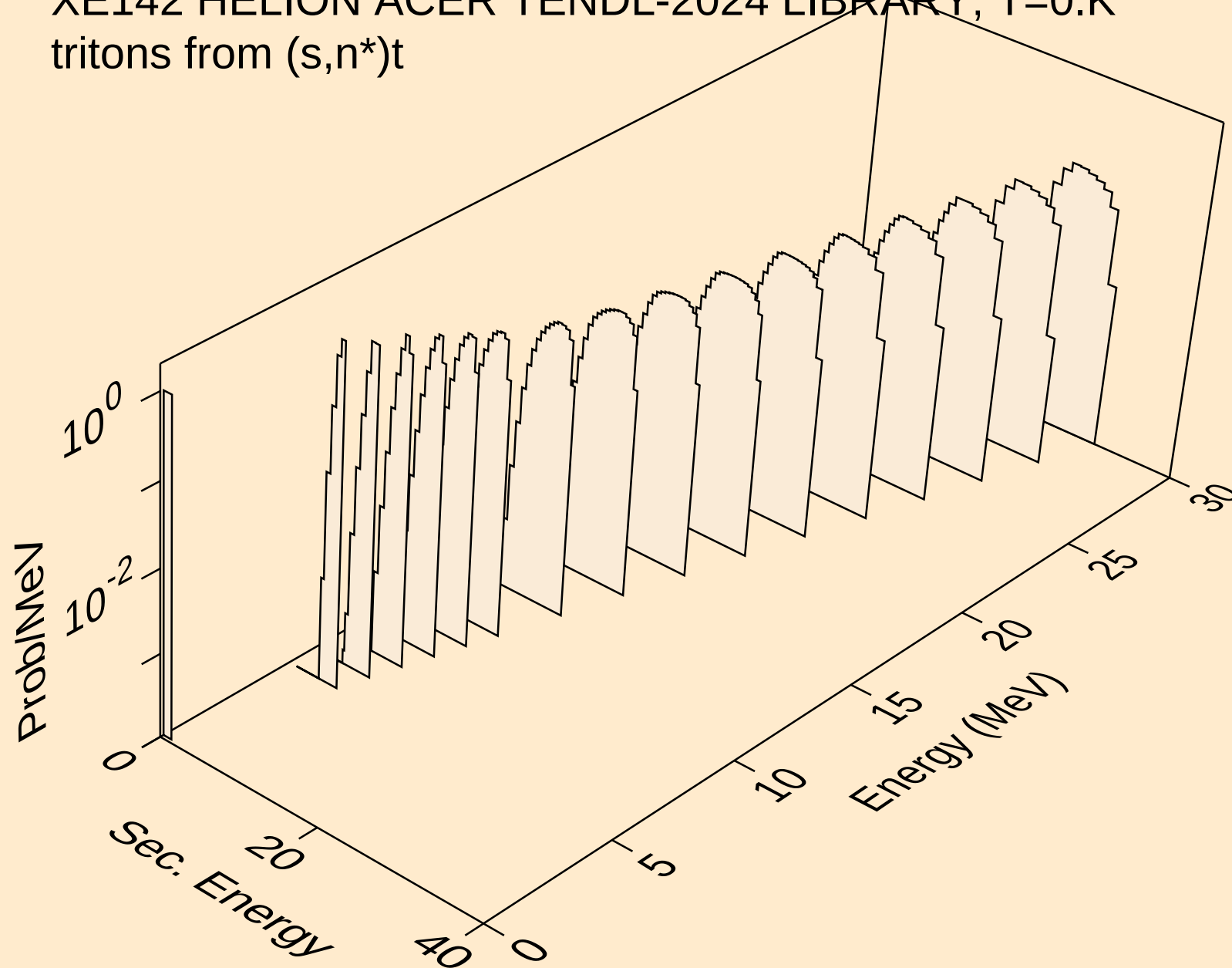
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deuterons from (s,pd)



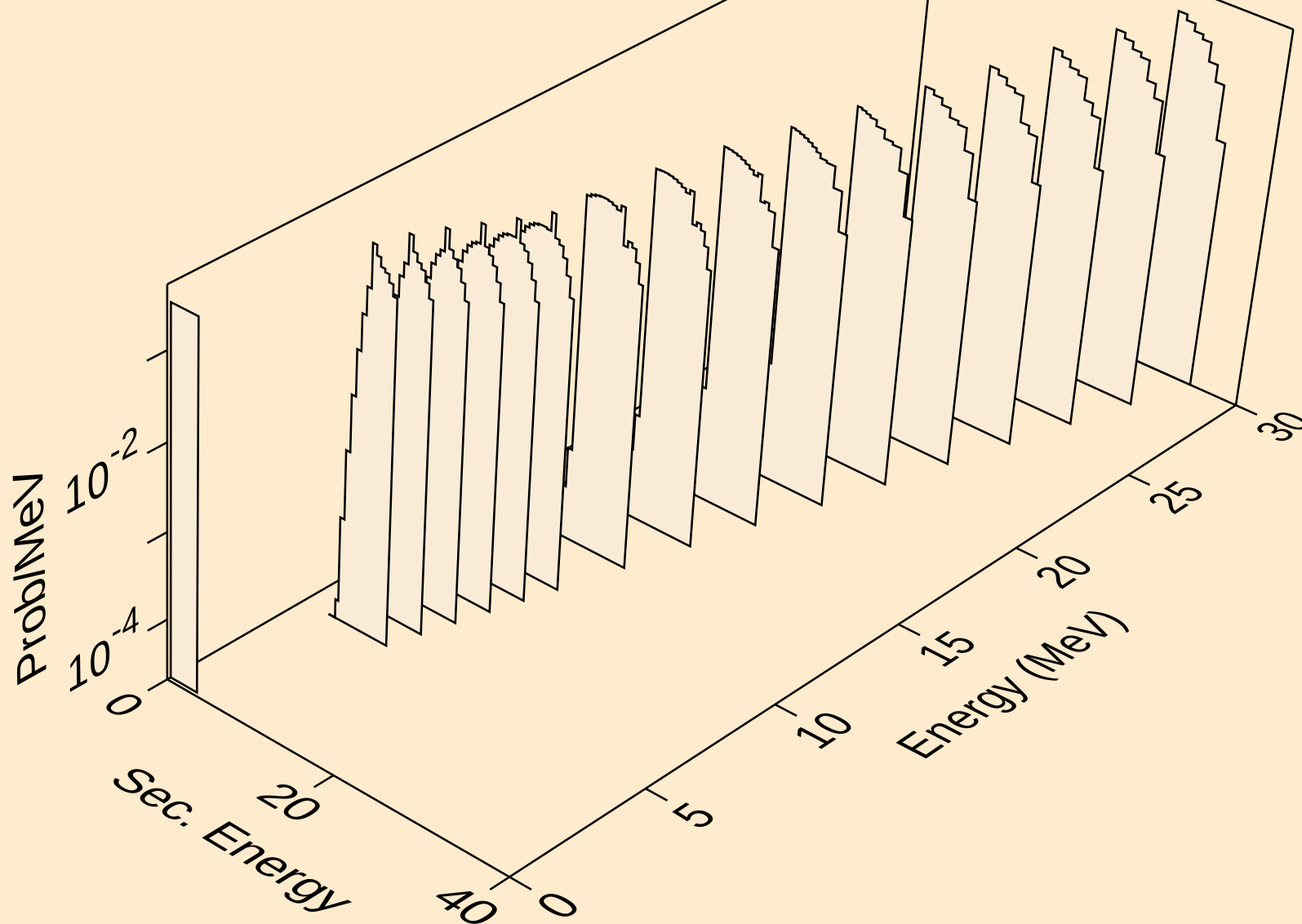
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tritons from (s,x)



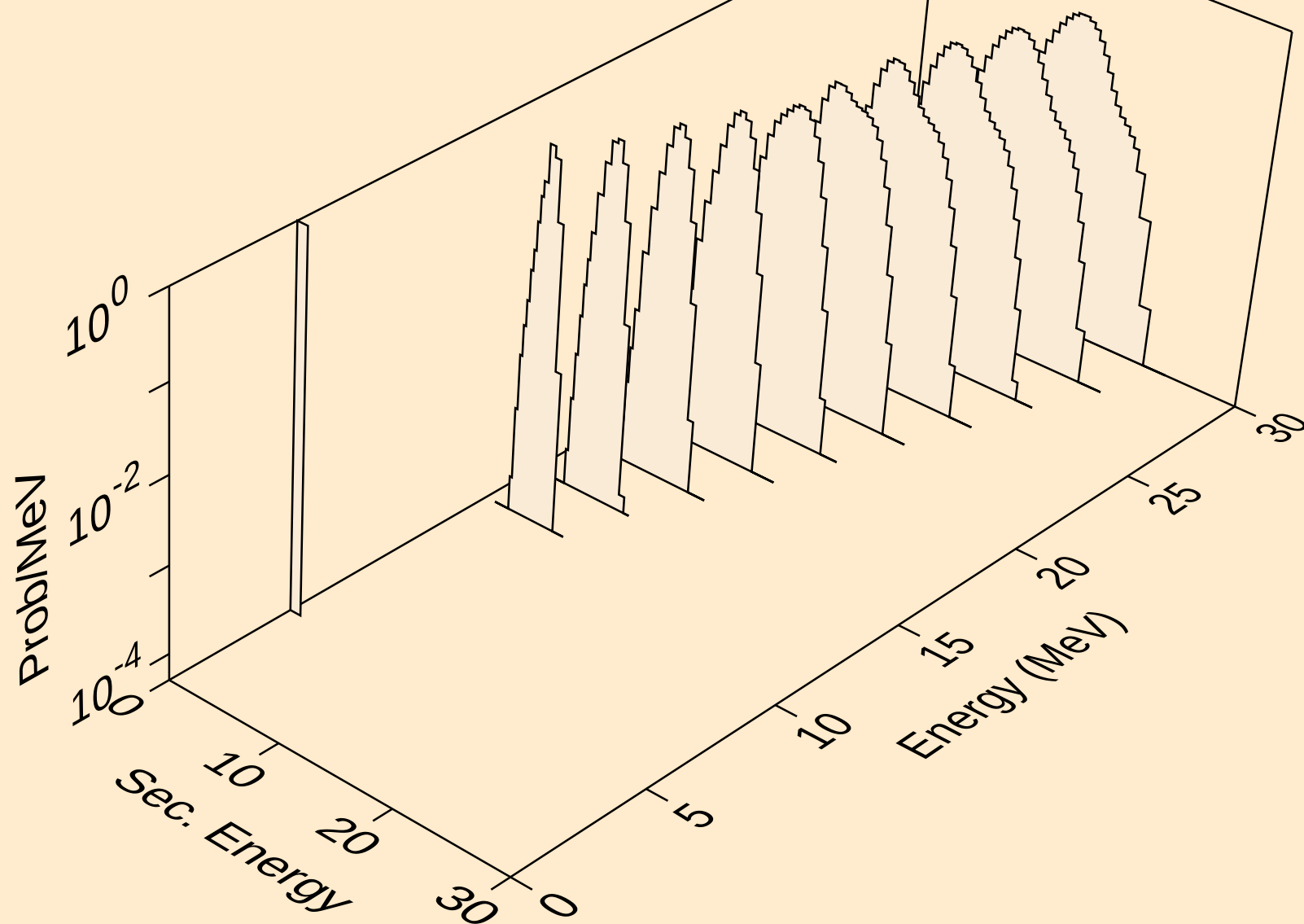
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tritons from (s,n*)t



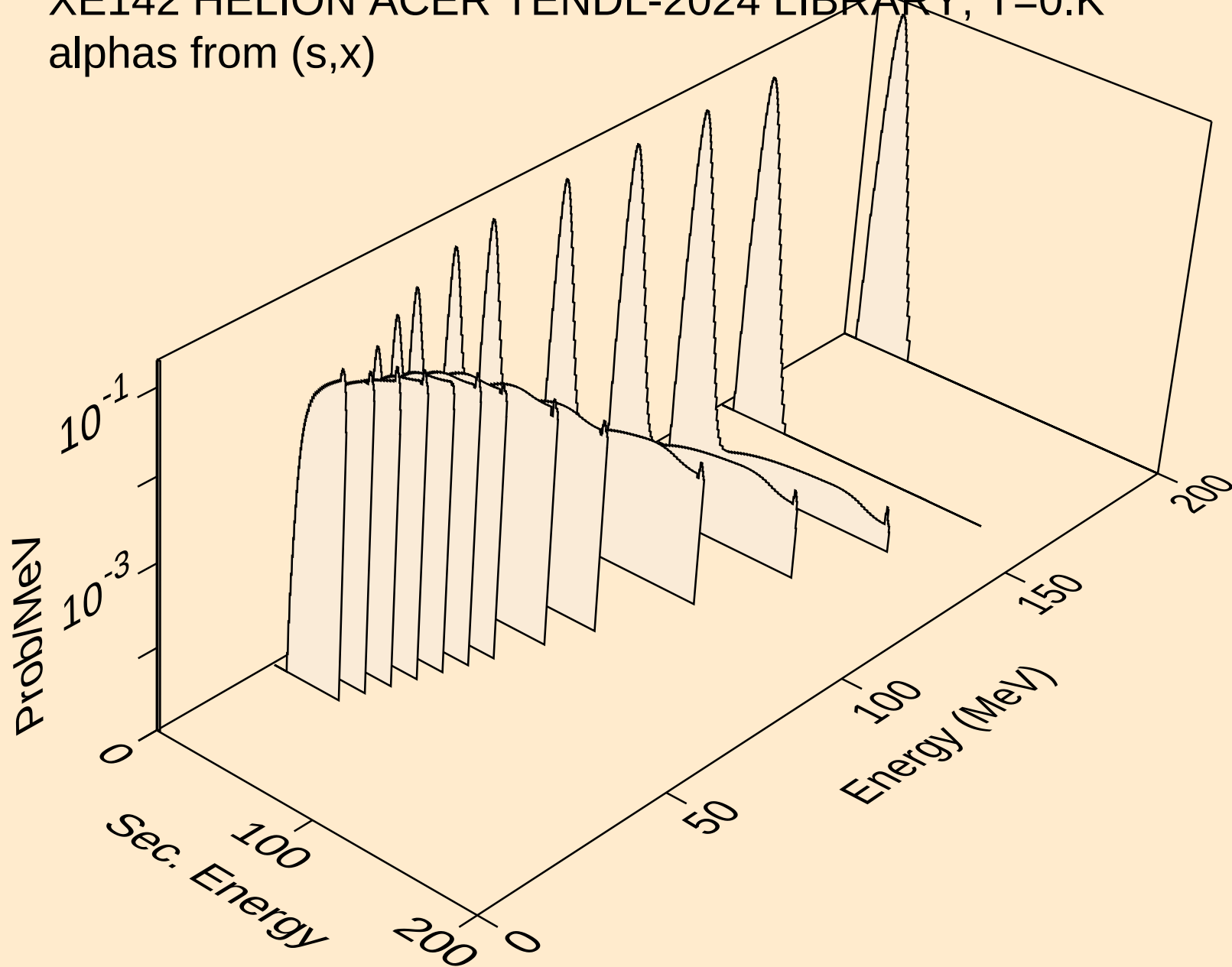
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tritons from (s,t)



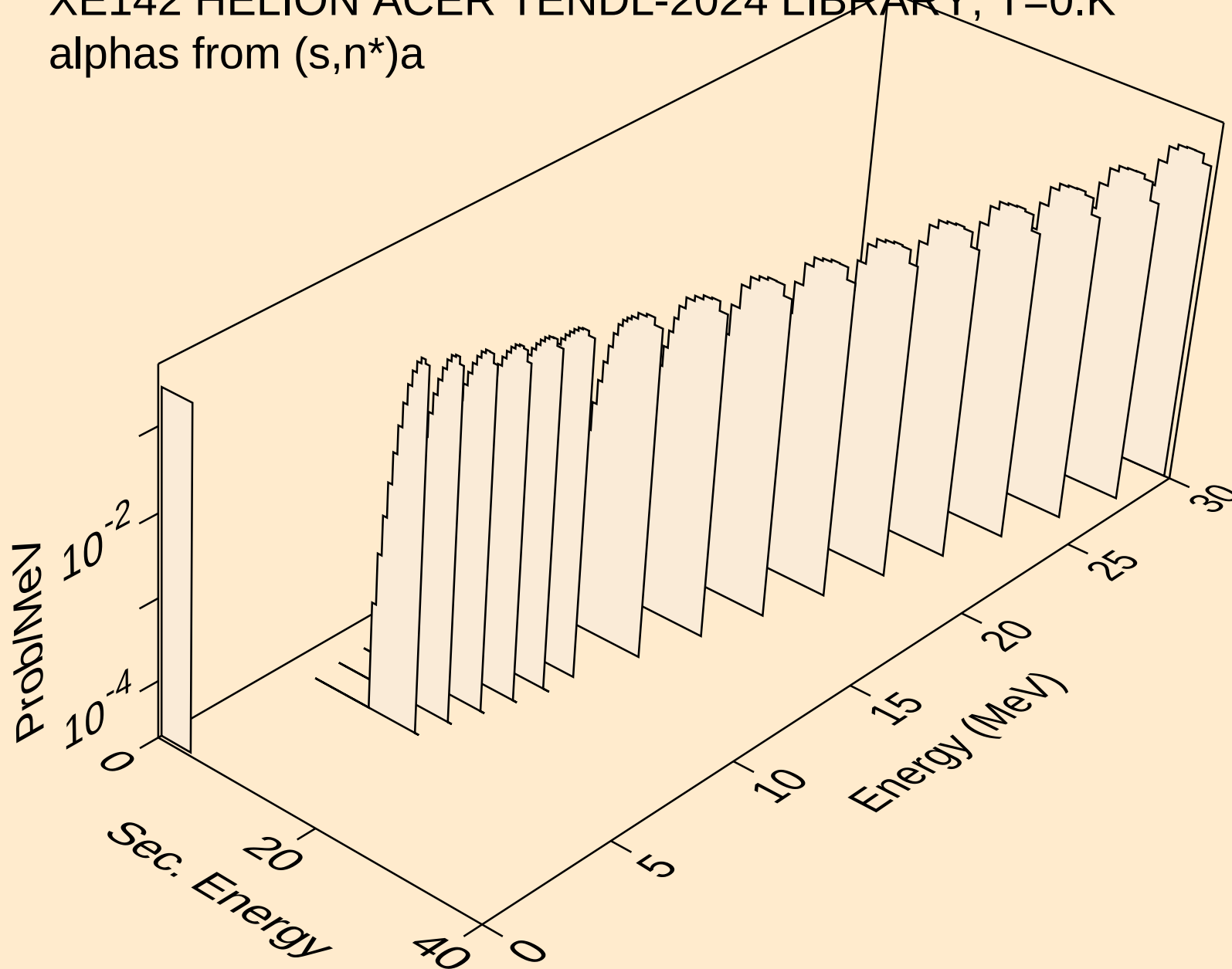
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tritons from (s,pt)



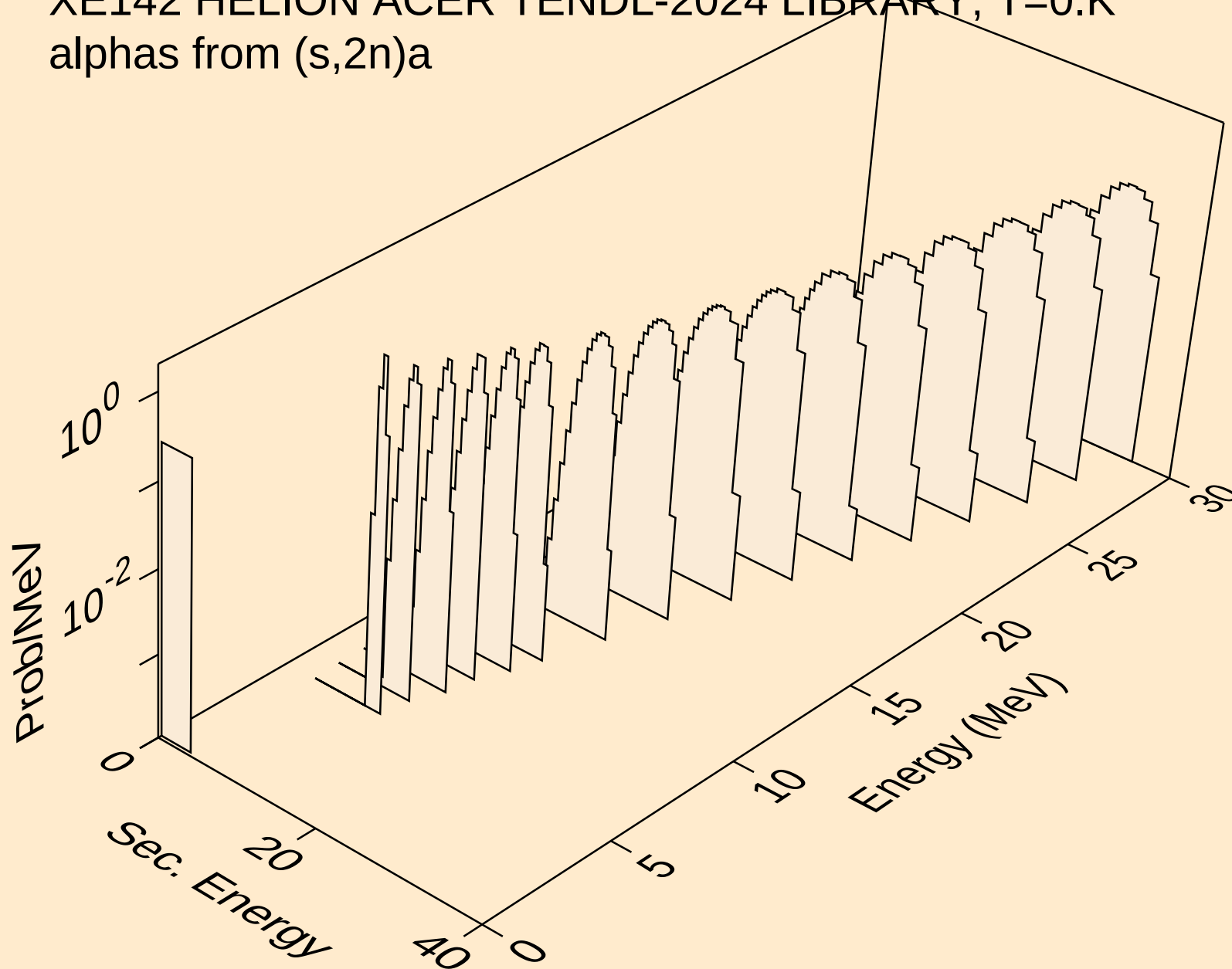
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,x)



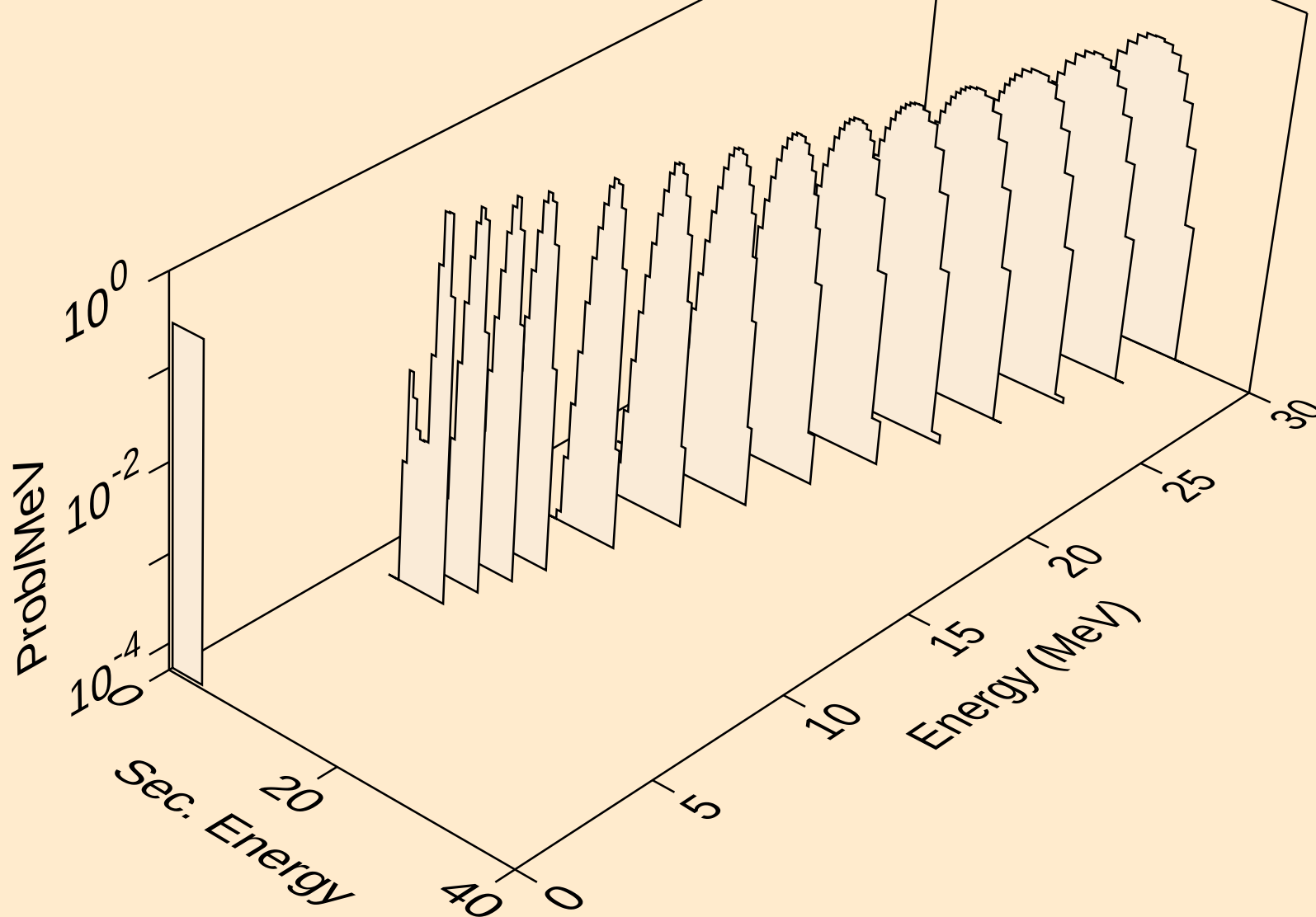
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,n*)a



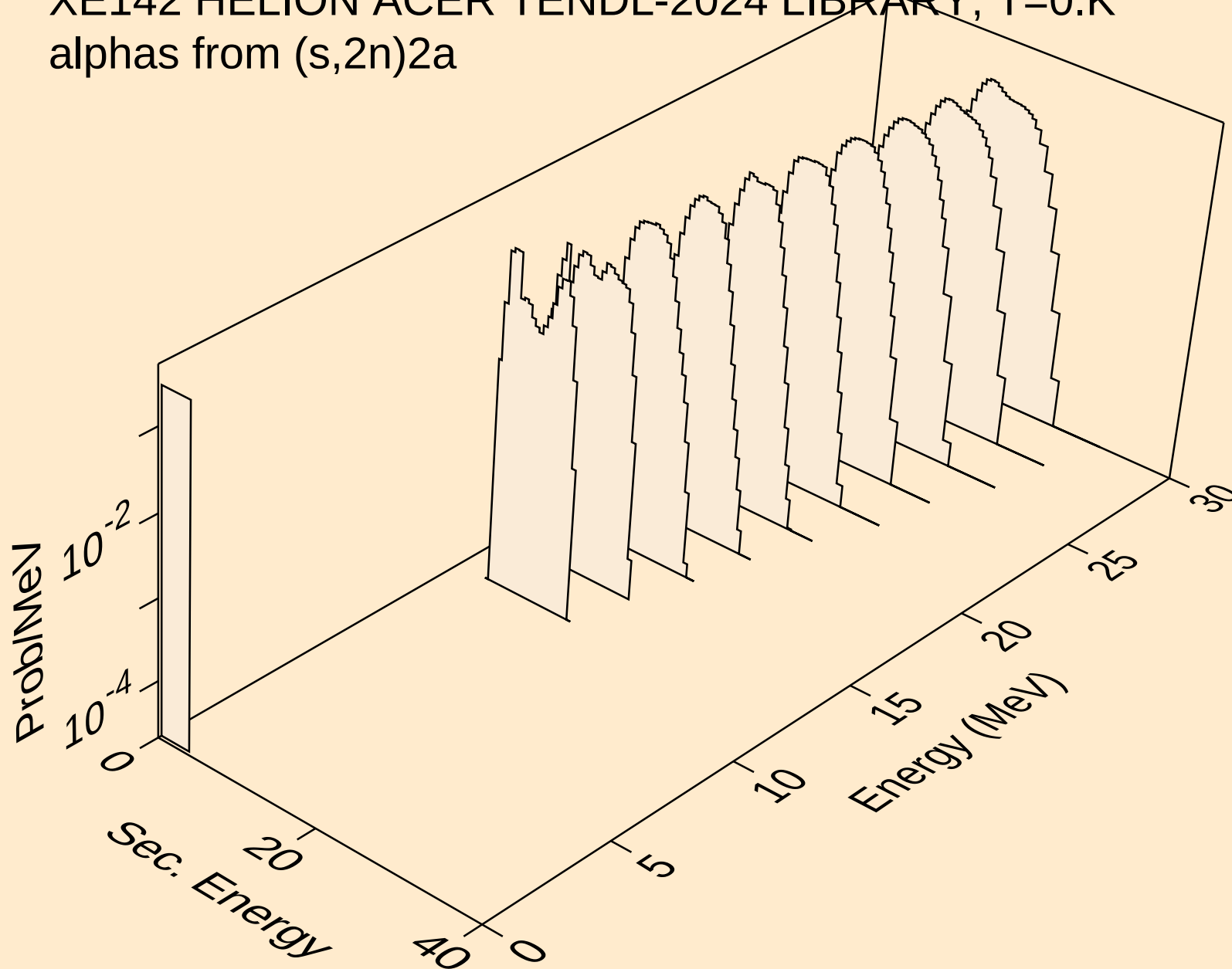
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,2n)a



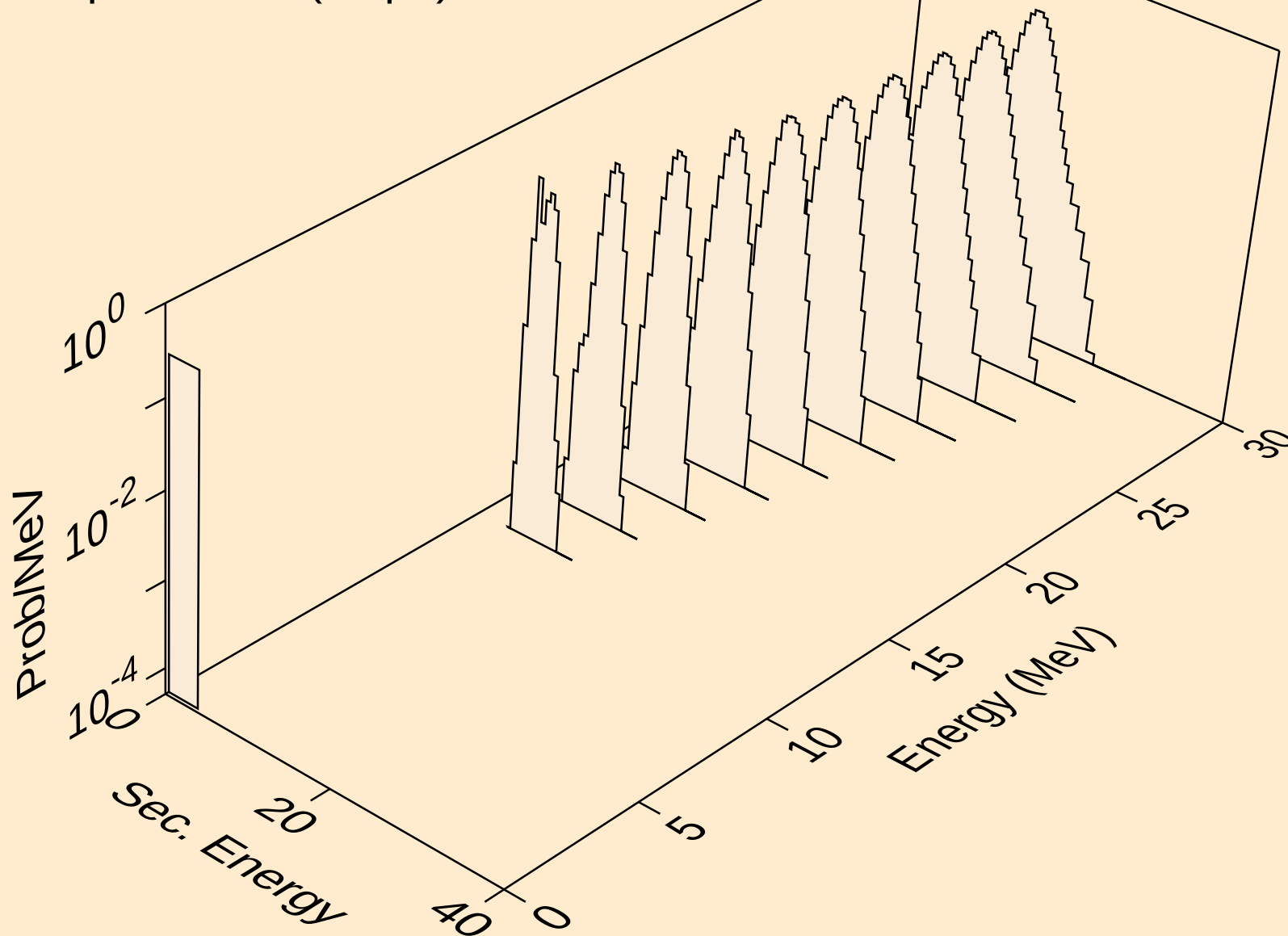
XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,3n)a



XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,2n)2a



XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,npa)



XE142 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,a)

