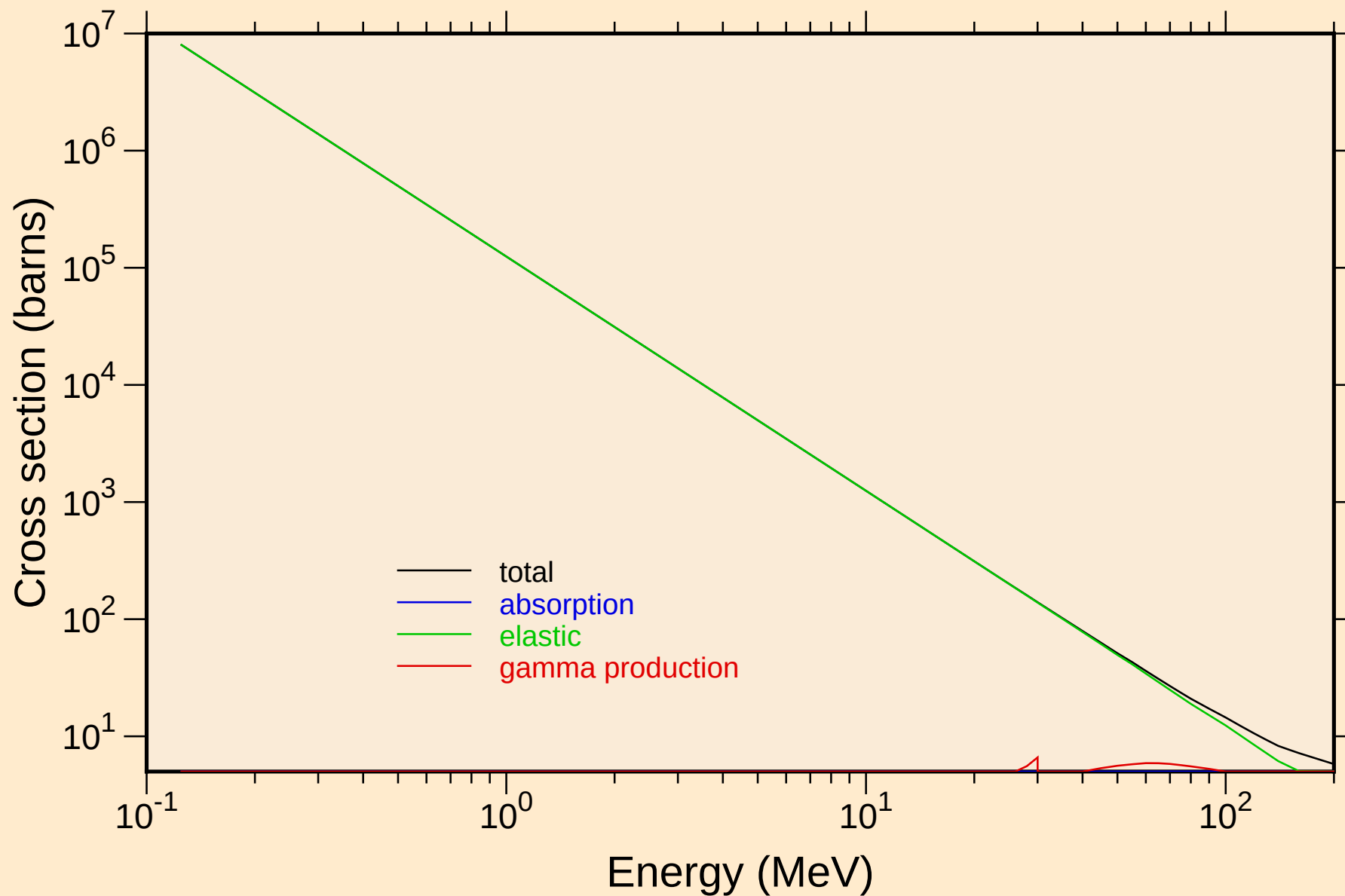


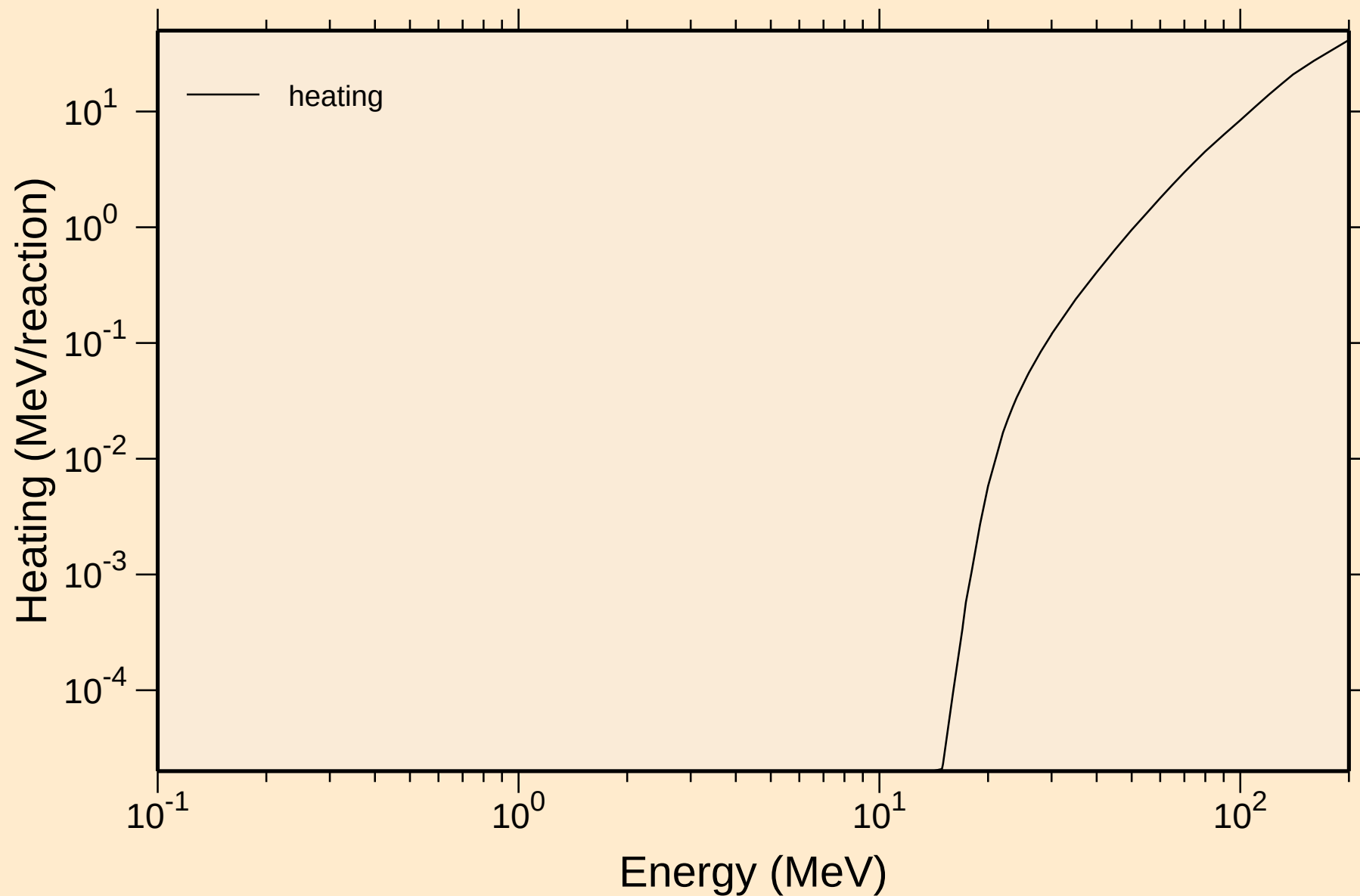
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



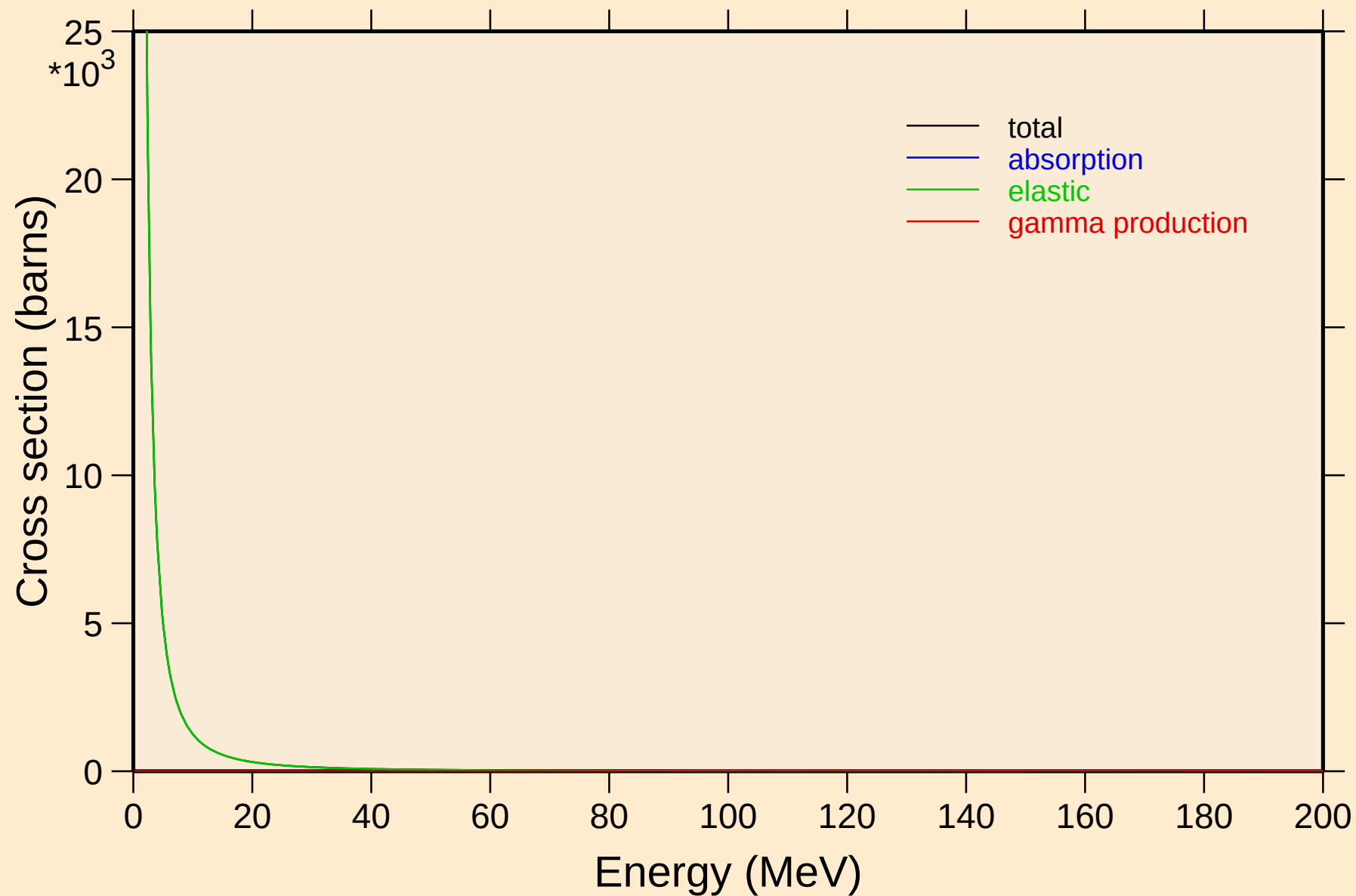
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Heating



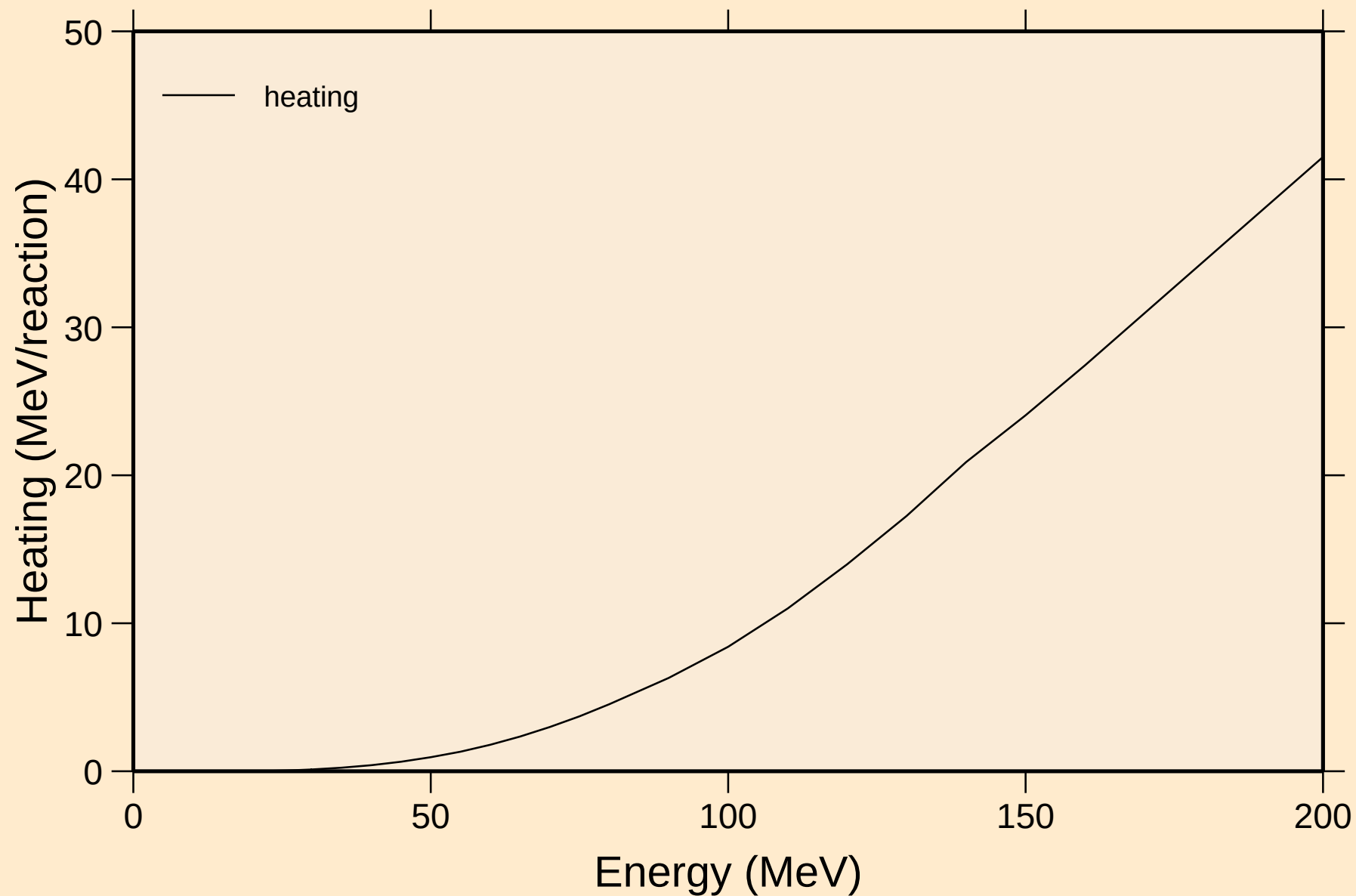
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Principal cross sections



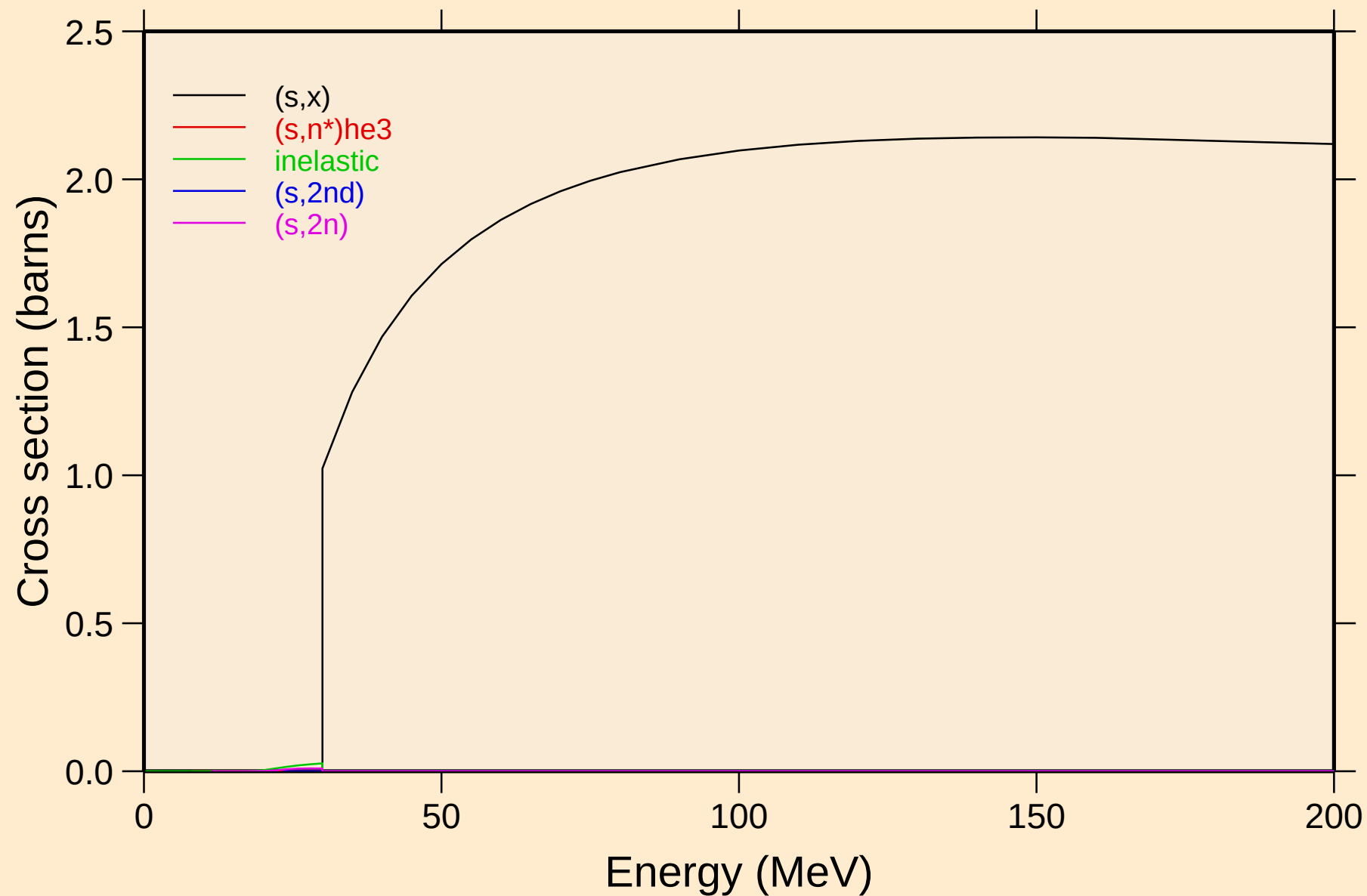
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Heating



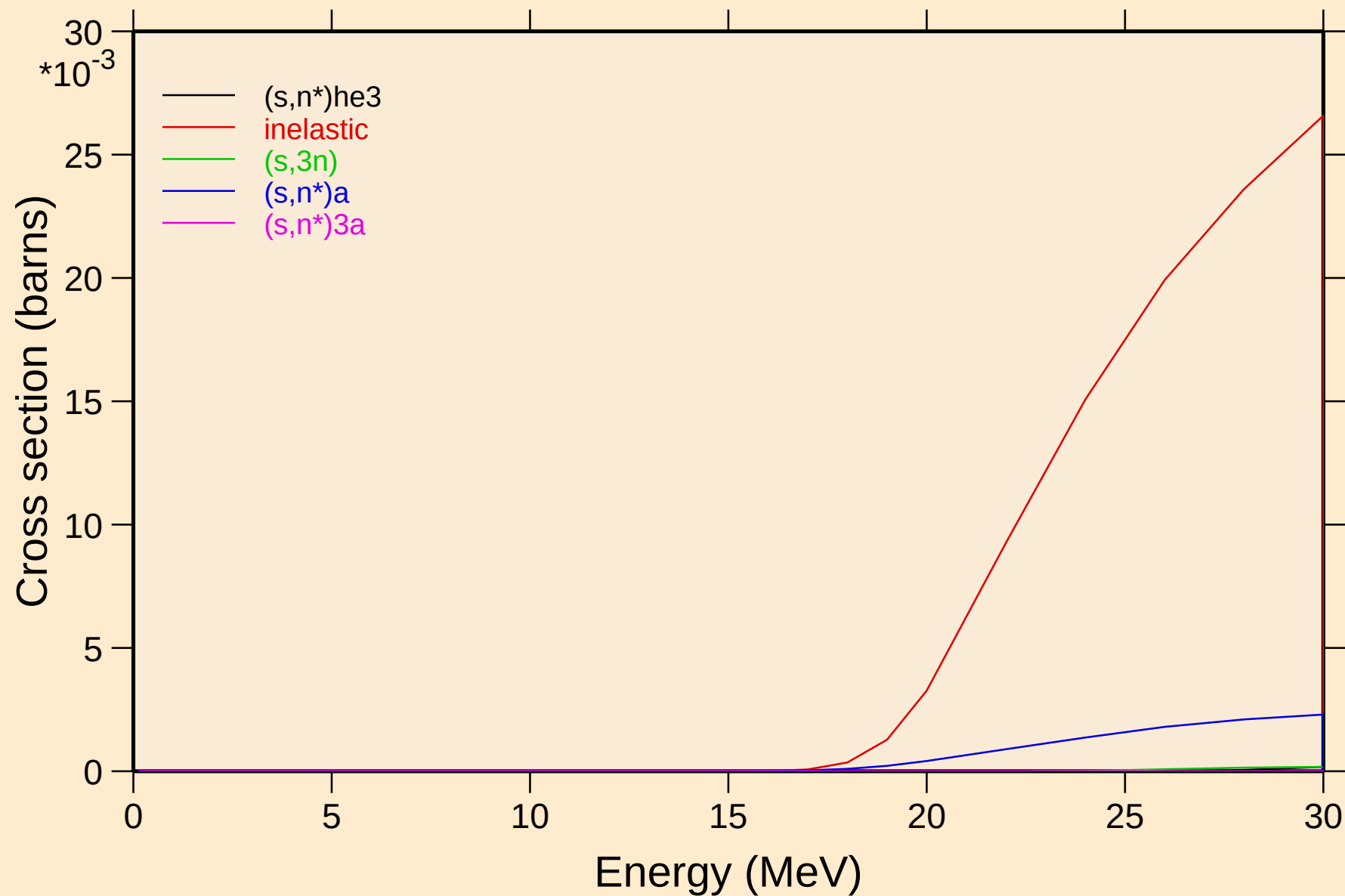
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Threshold reactions



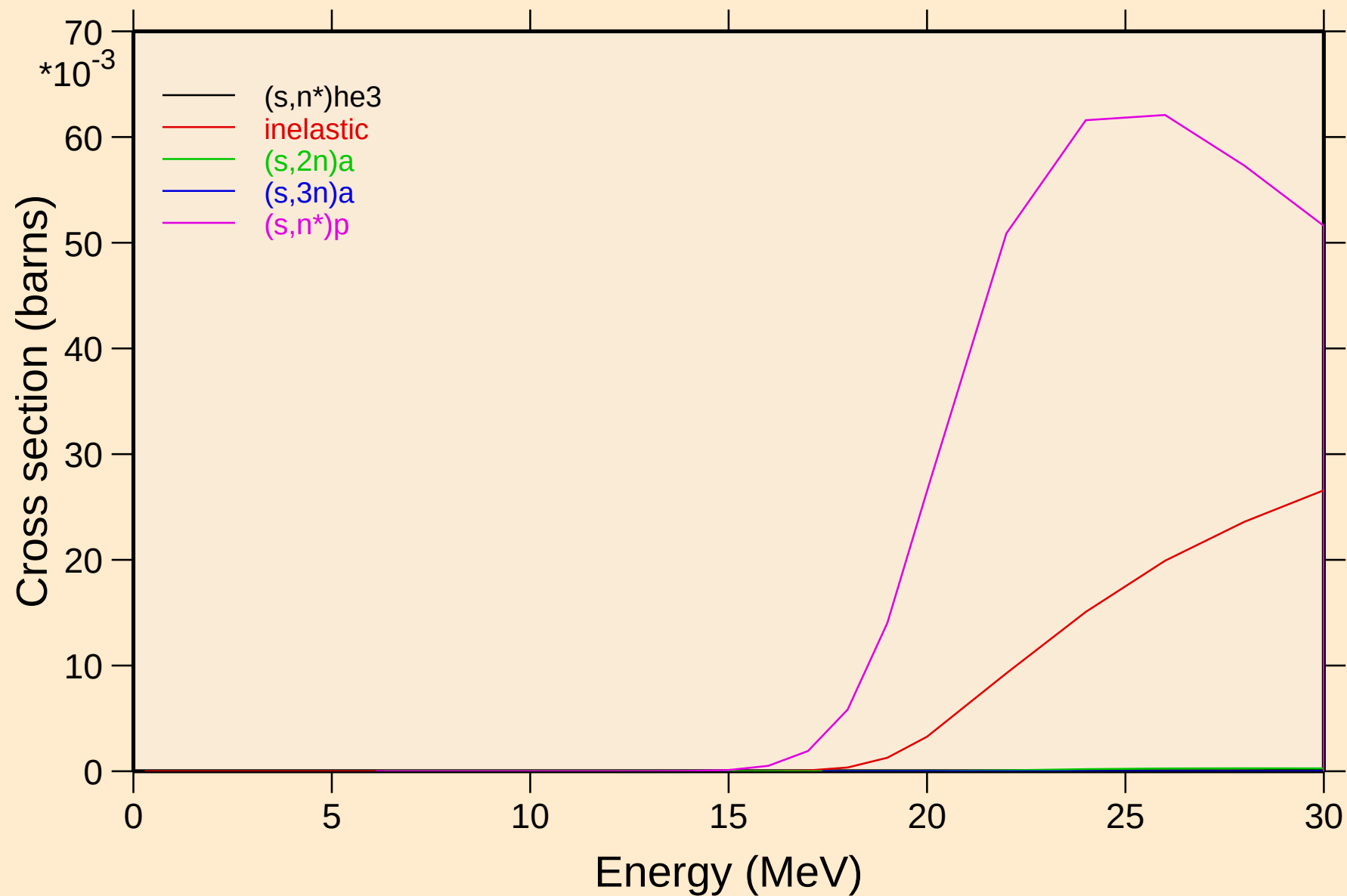
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



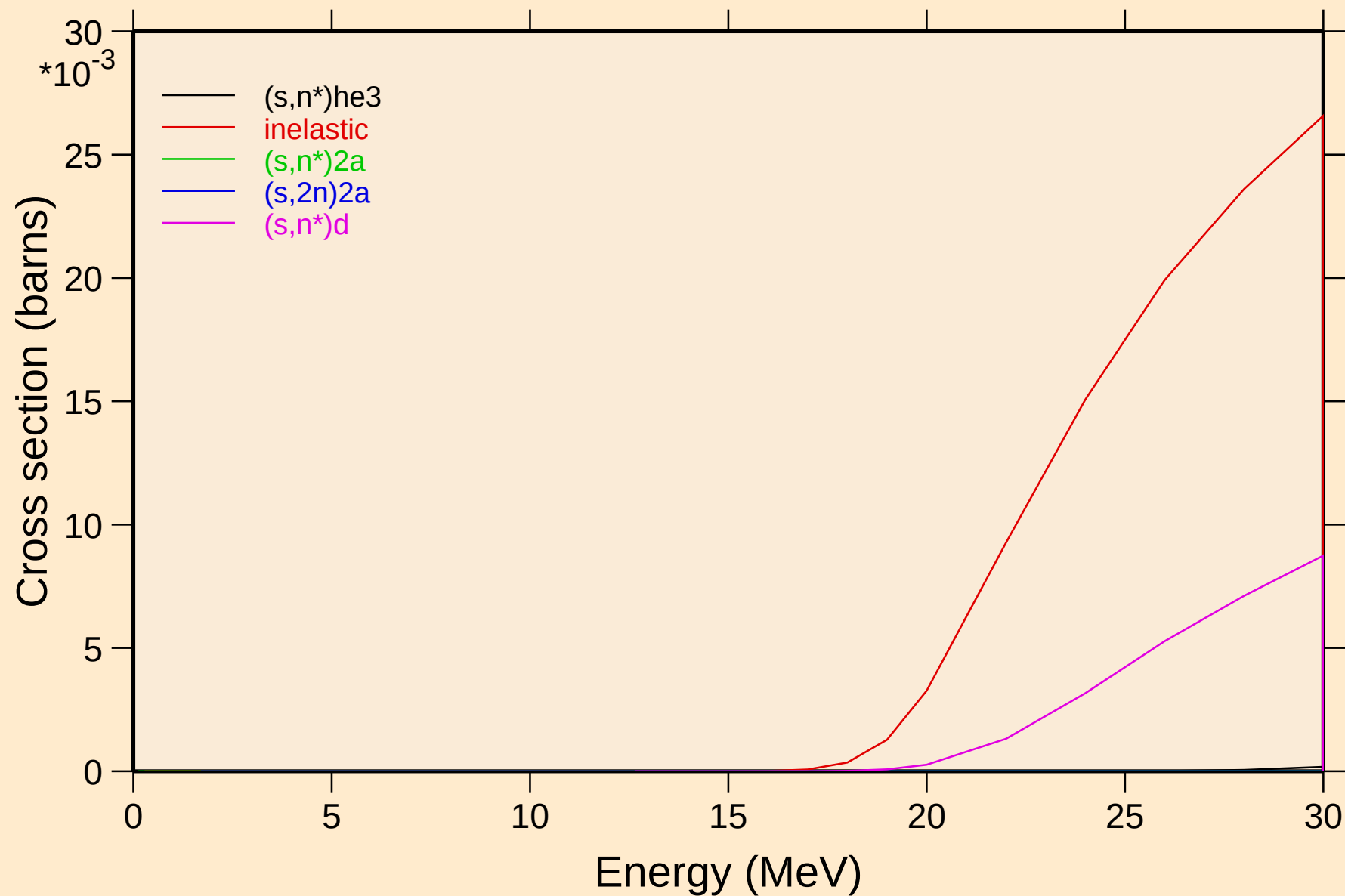
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



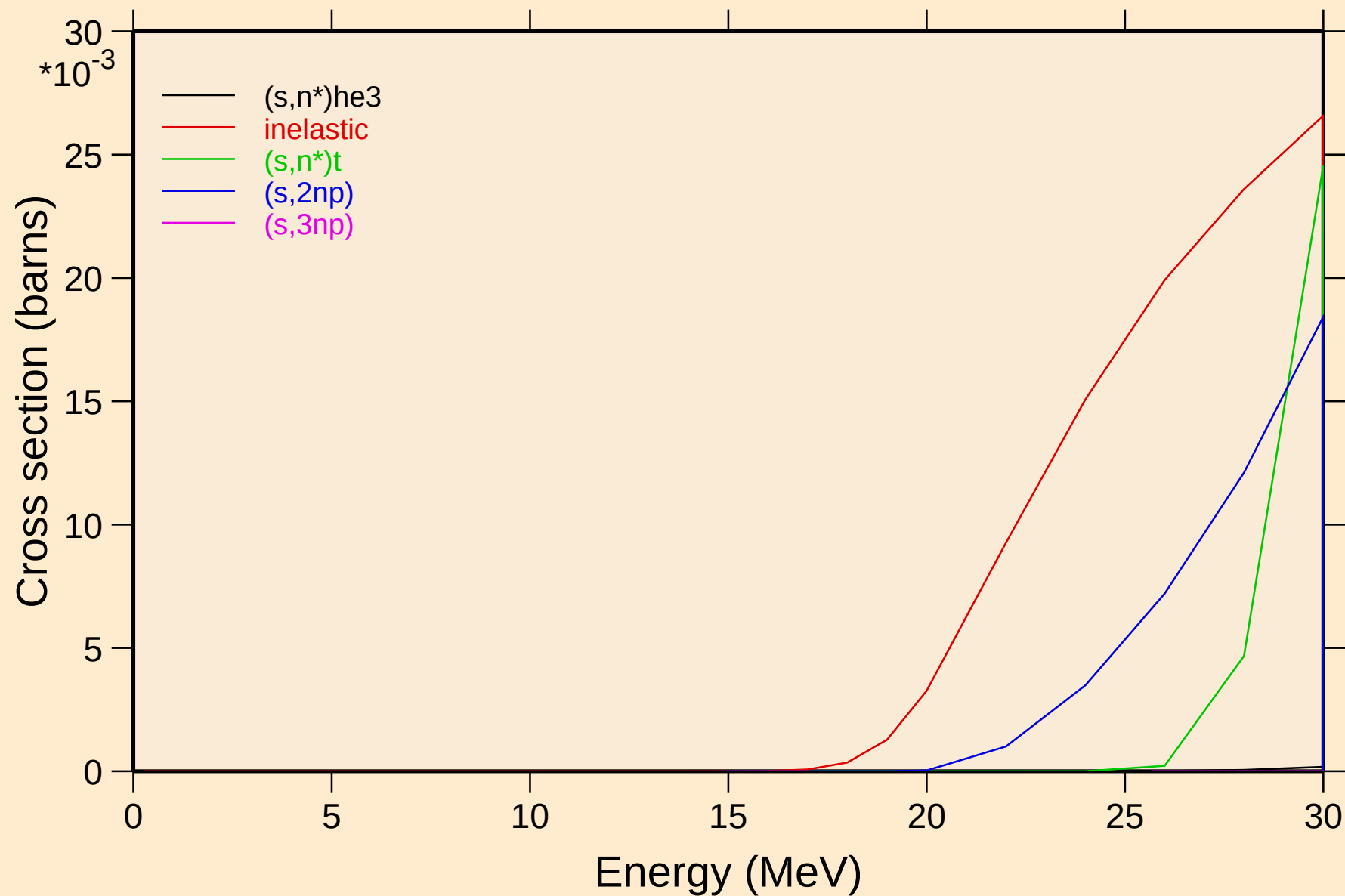
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Threshold reactions



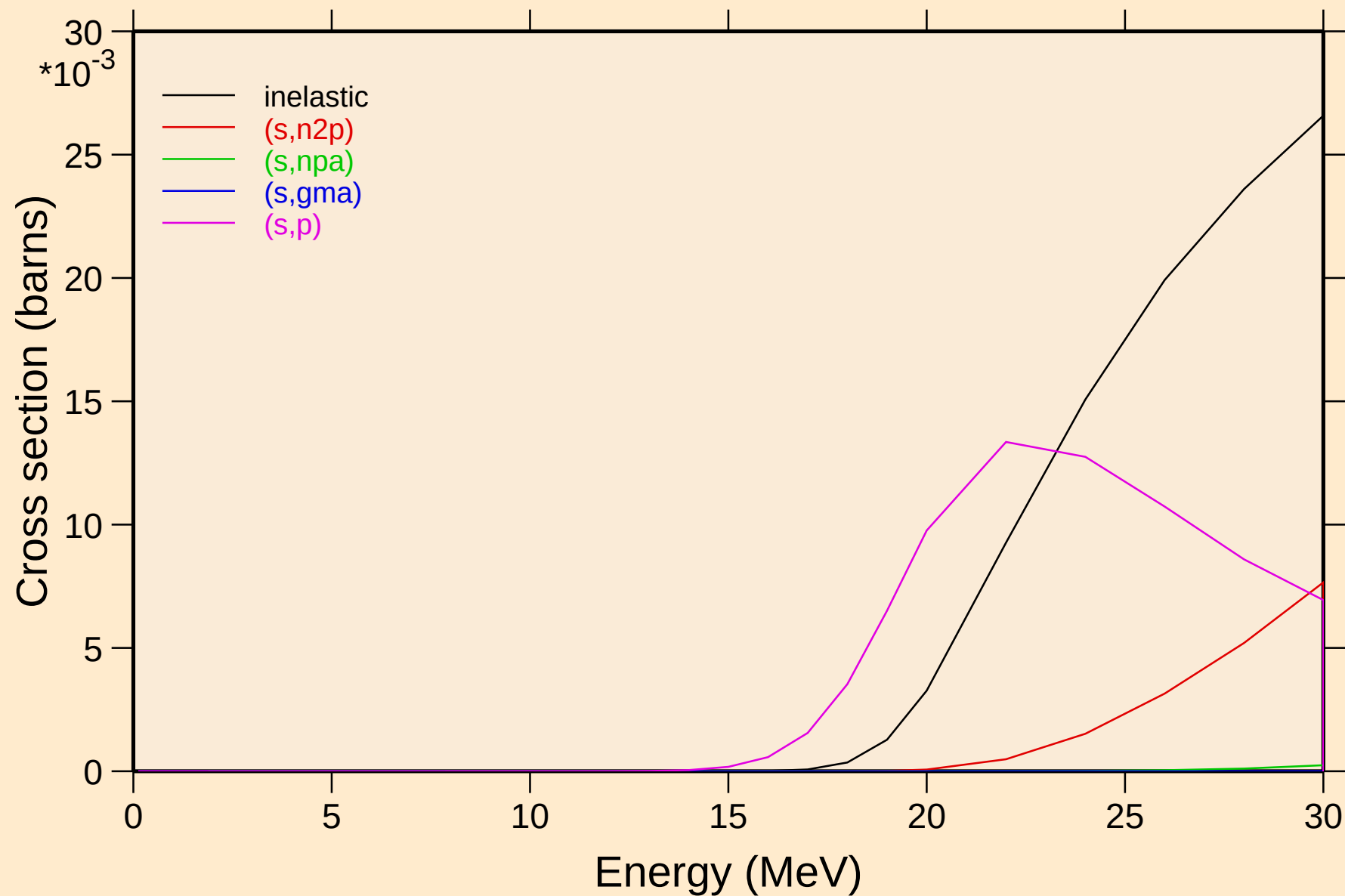
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Threshold reactions



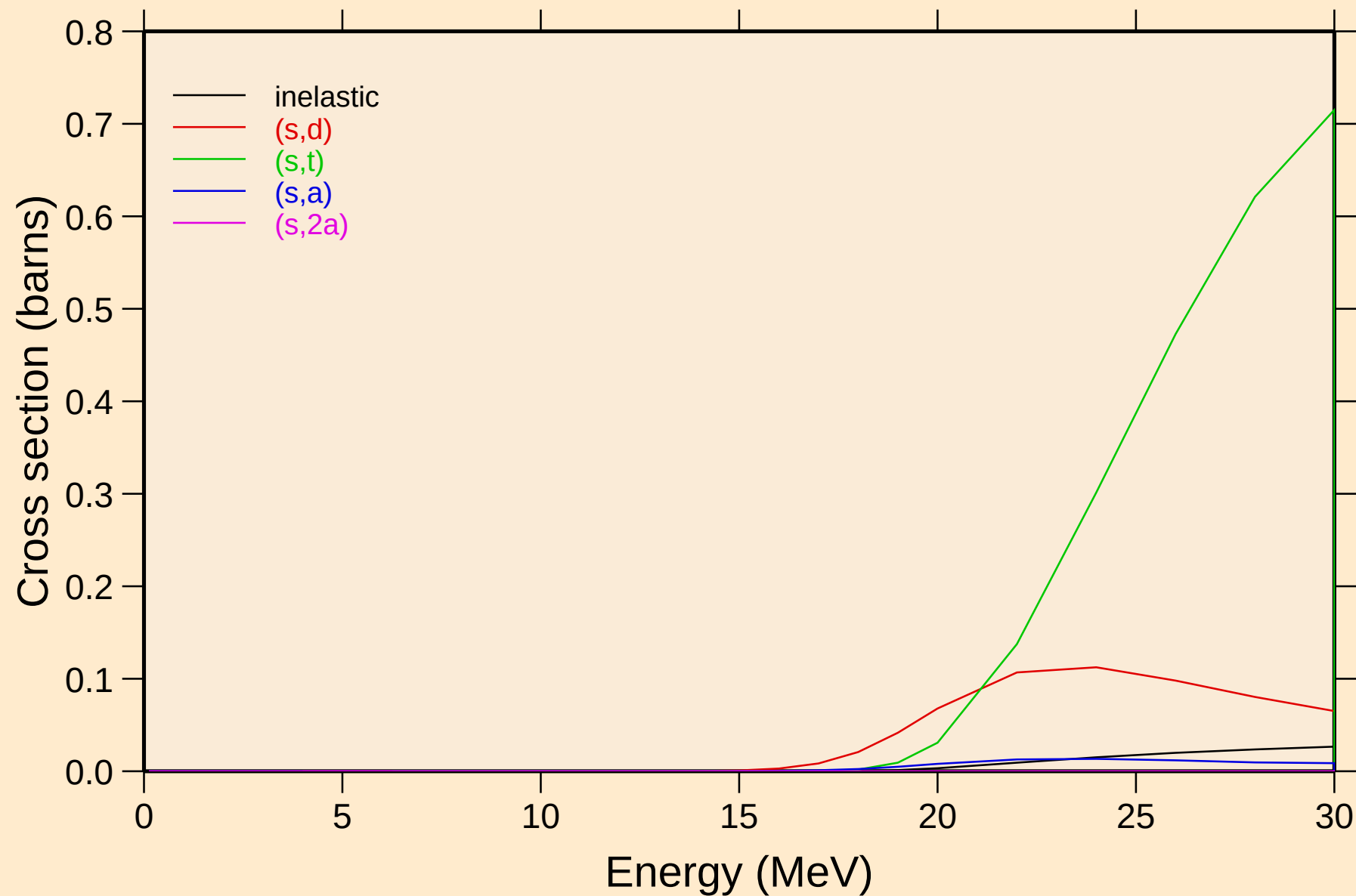
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Threshold reactions



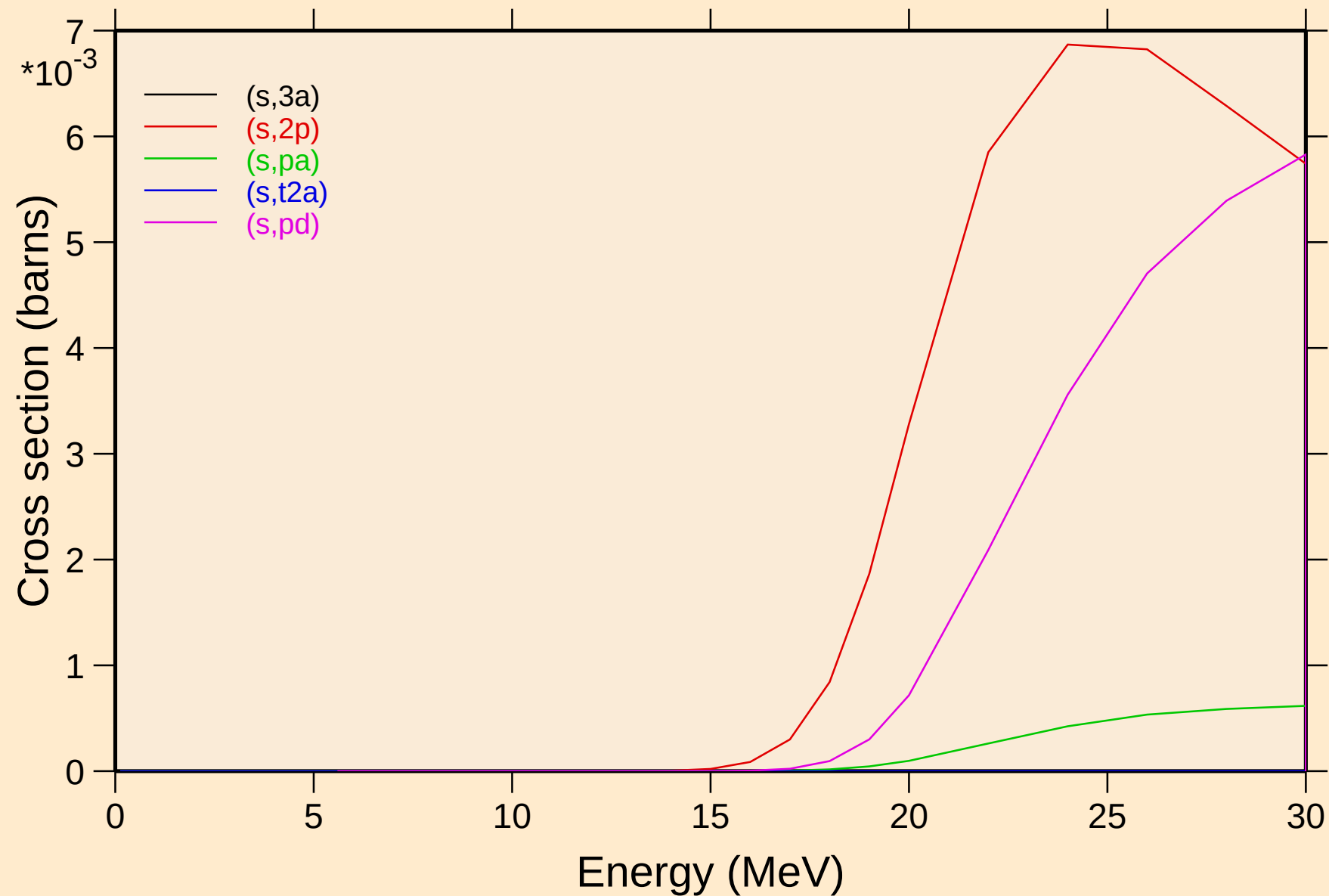
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Threshold reactions



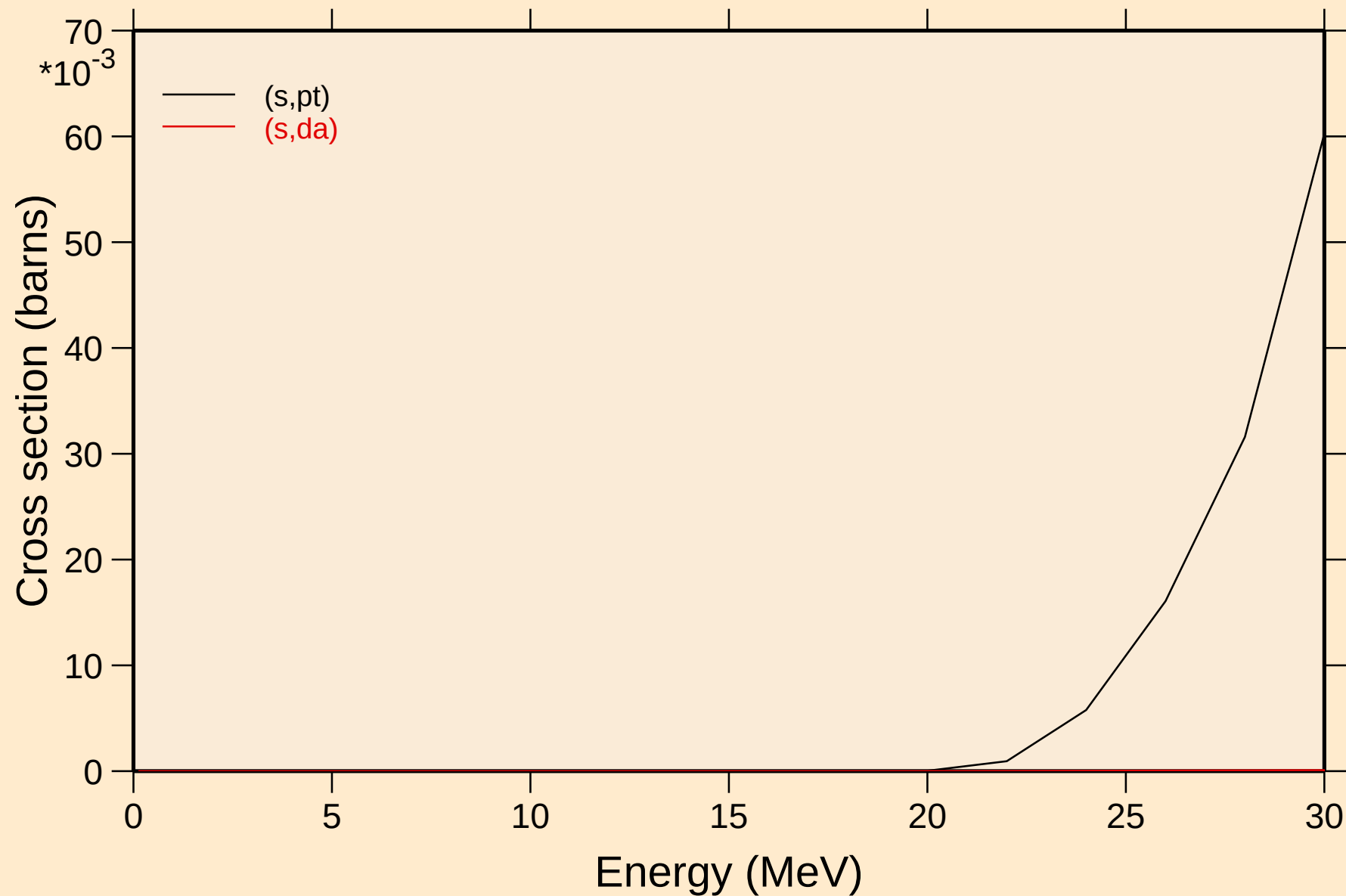
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Threshold reactions

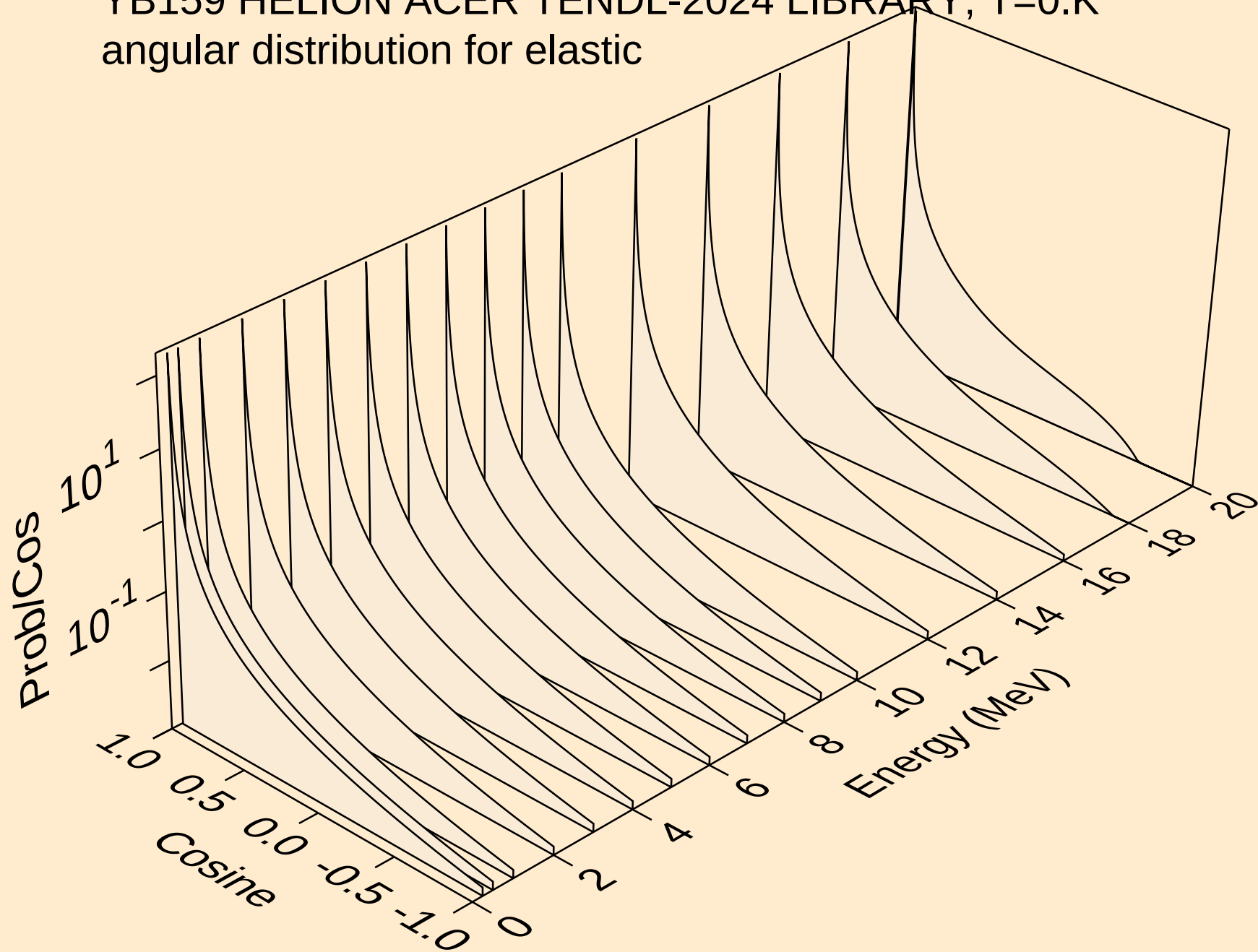


YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

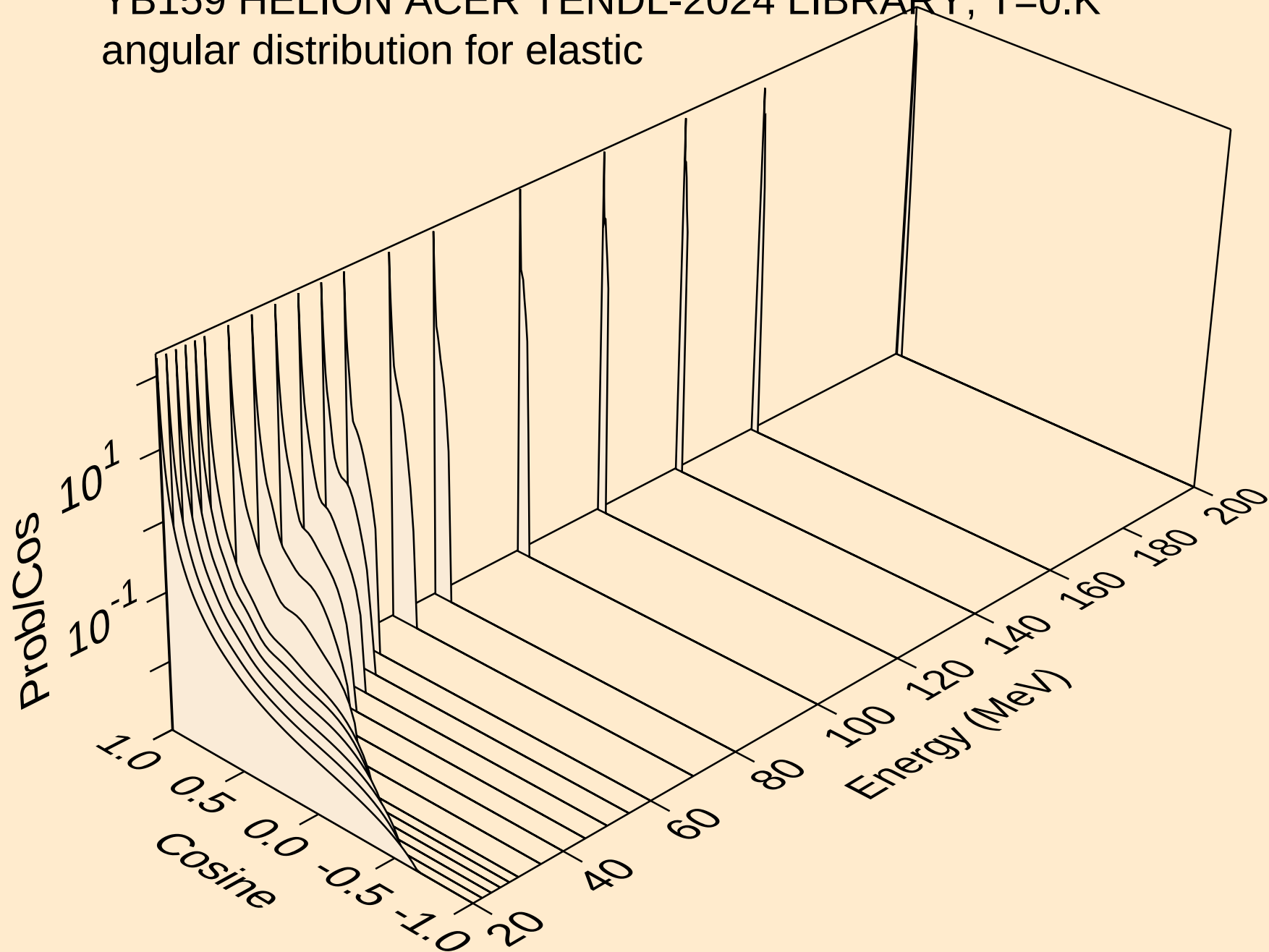
Threshold reactions



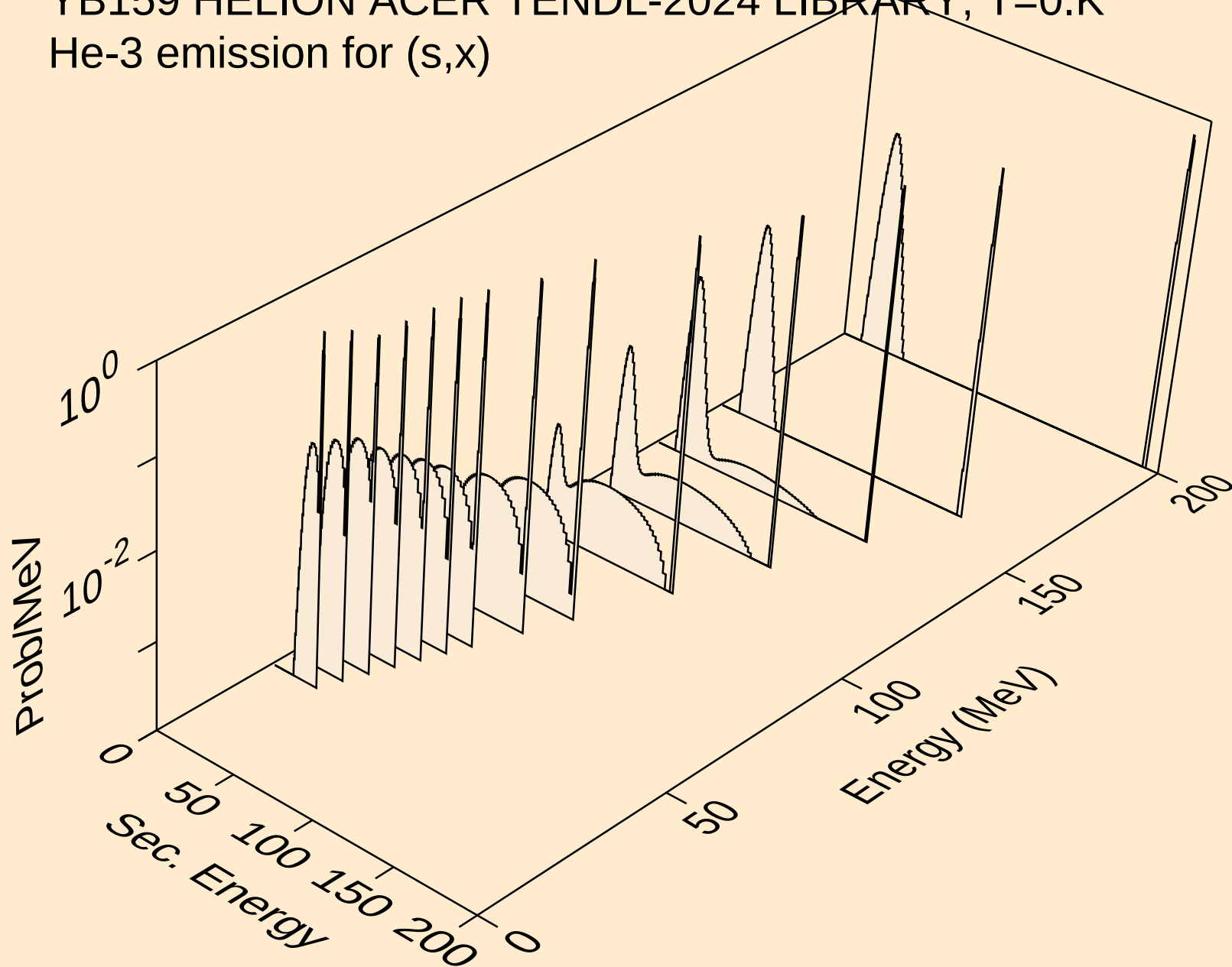
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



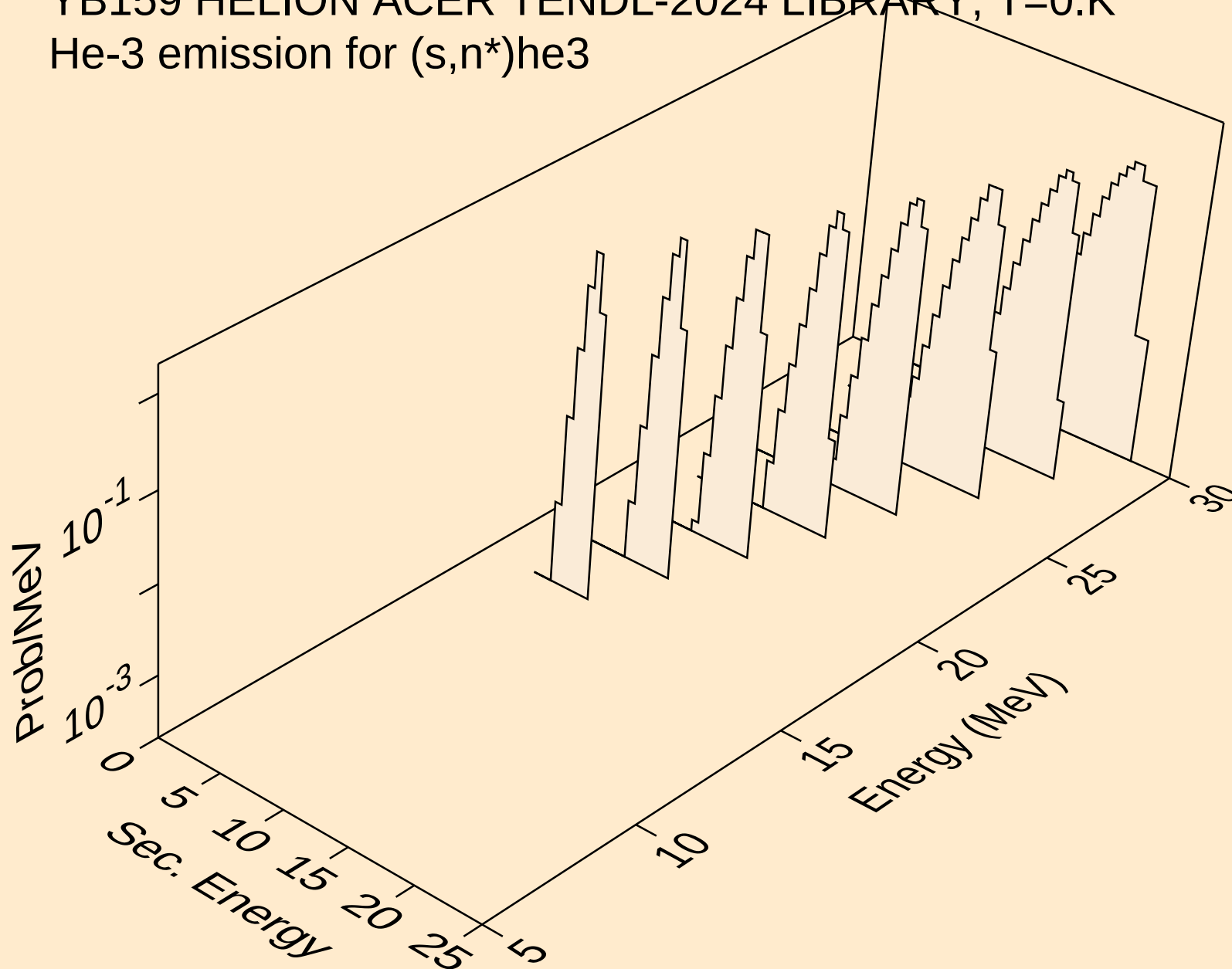
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



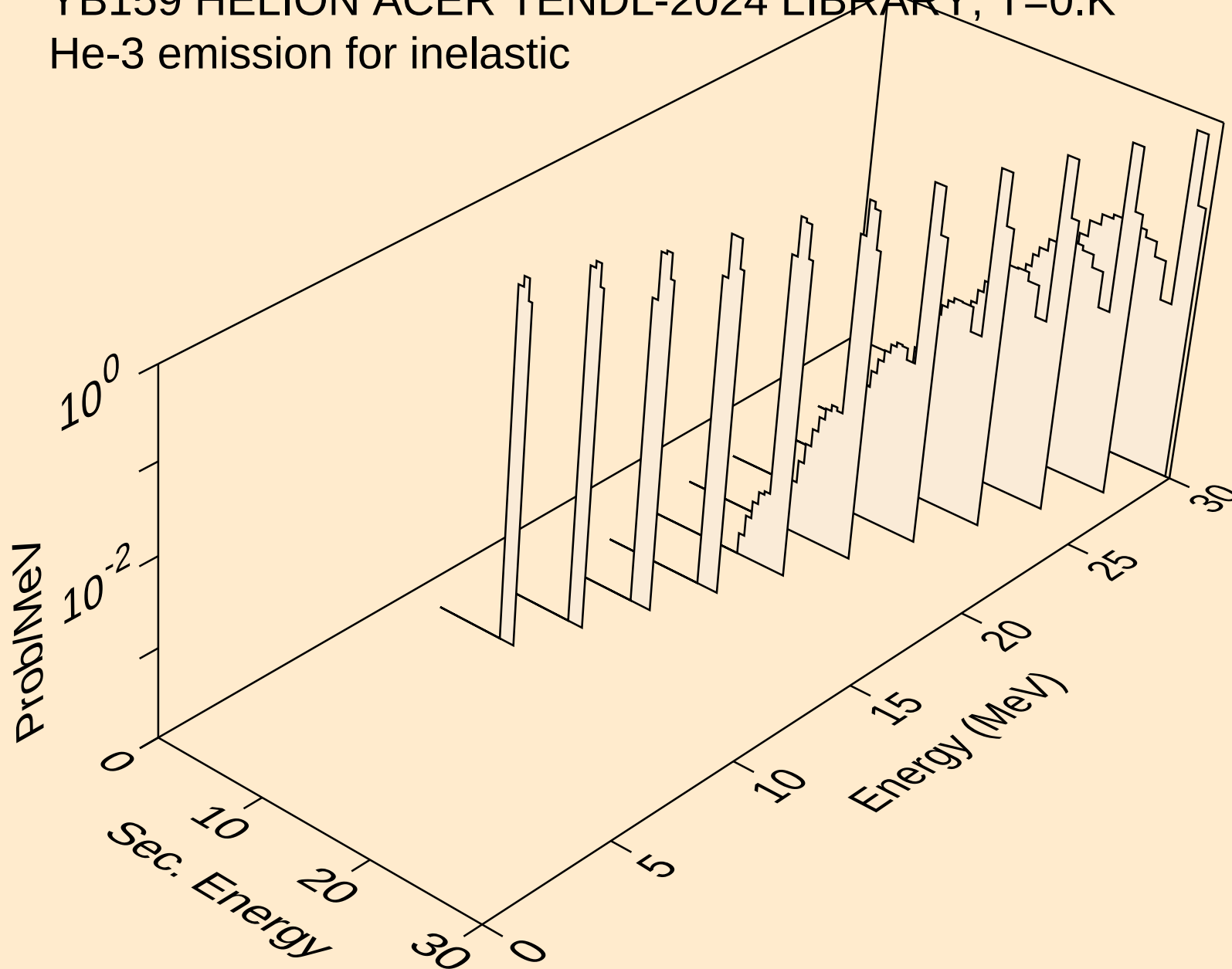
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,x)



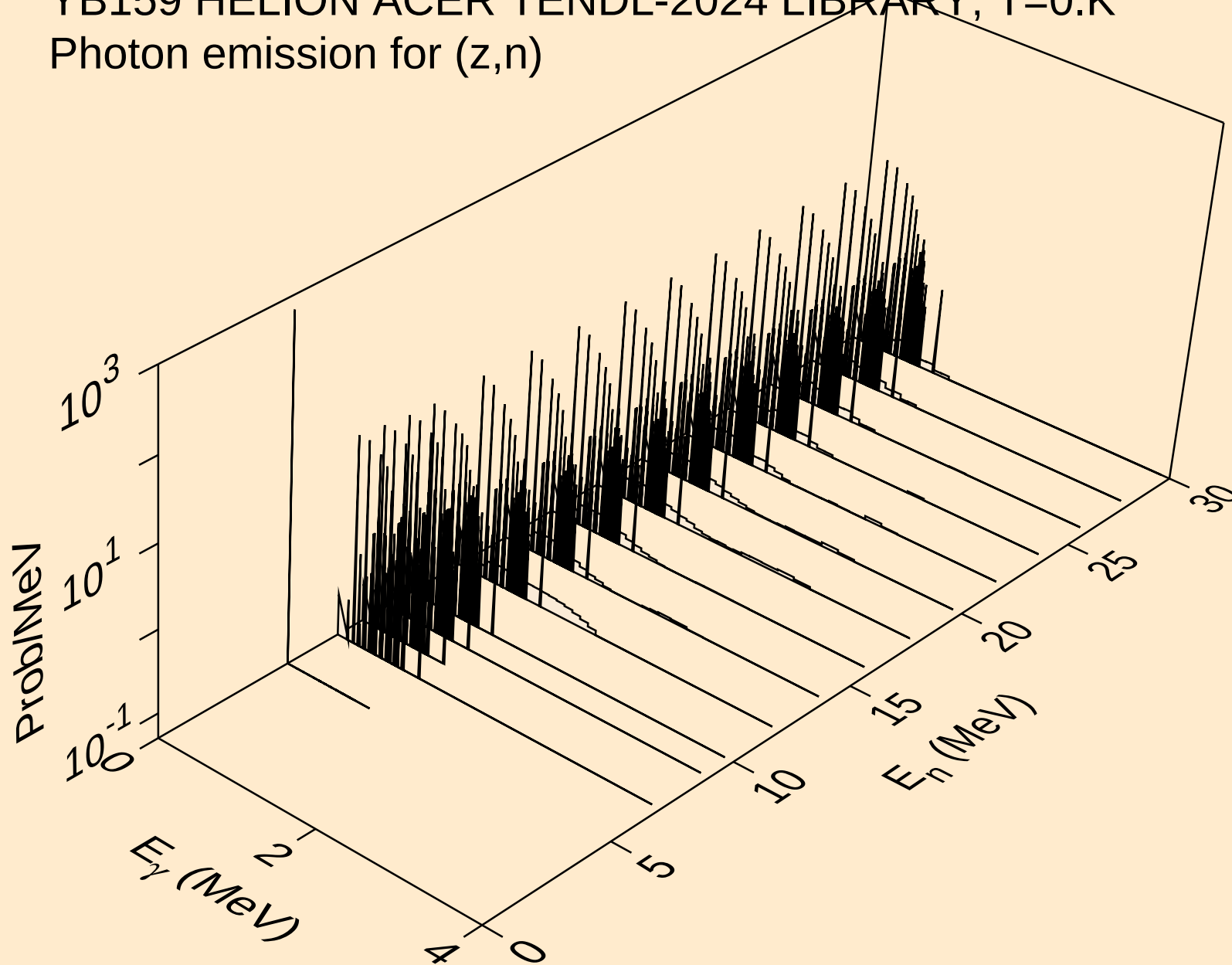
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for inelastic

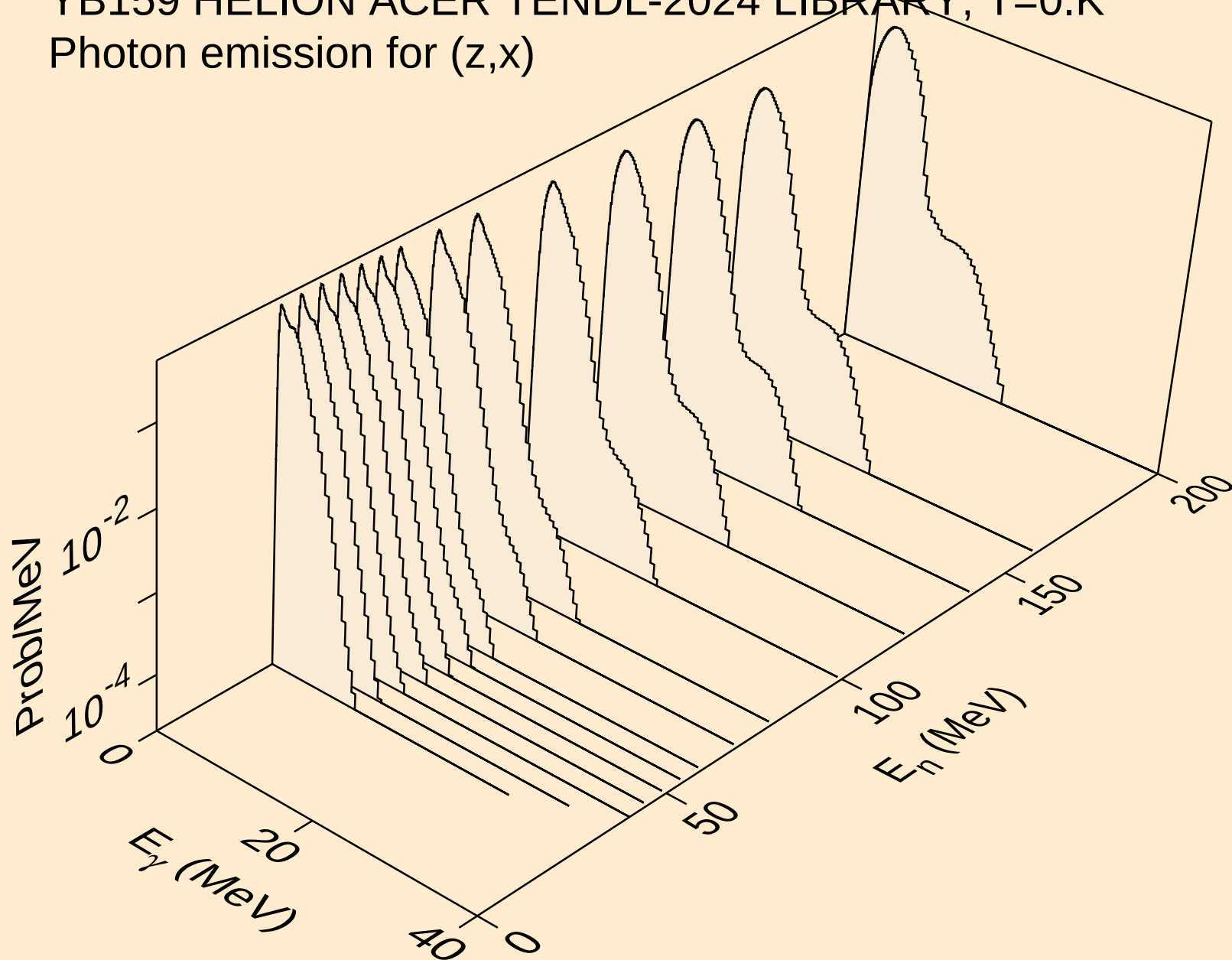


YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

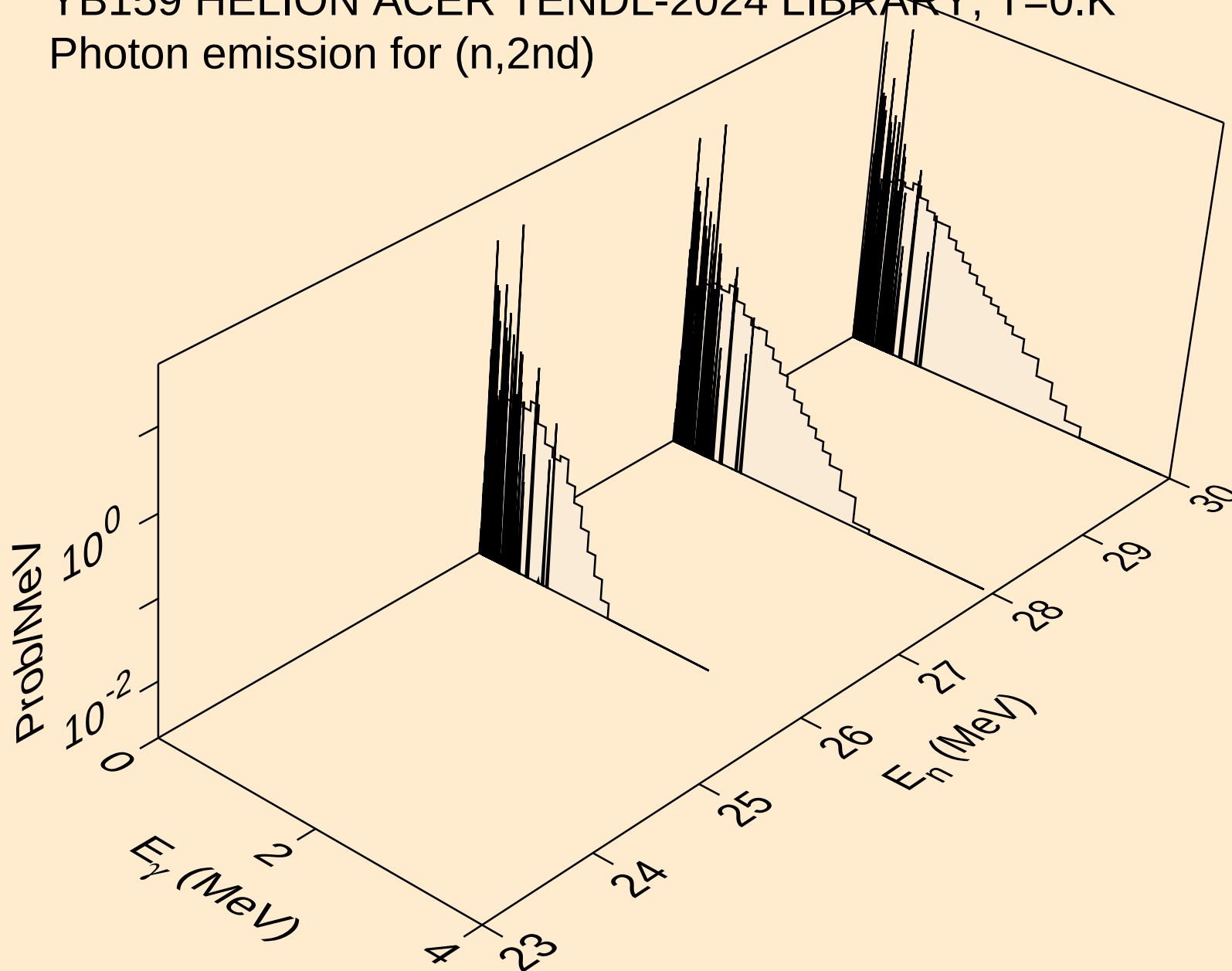


YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

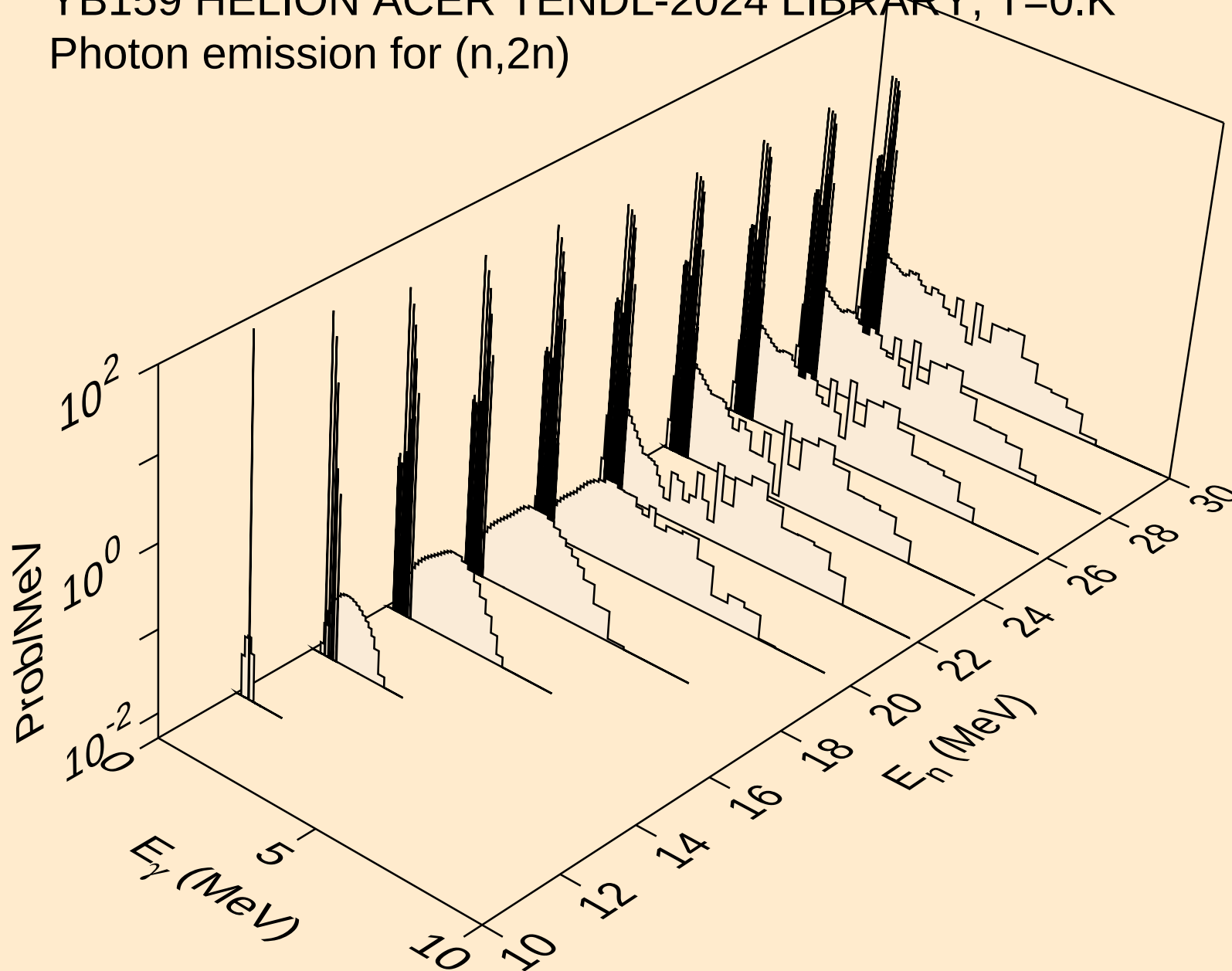
Photon emission for (z,x)



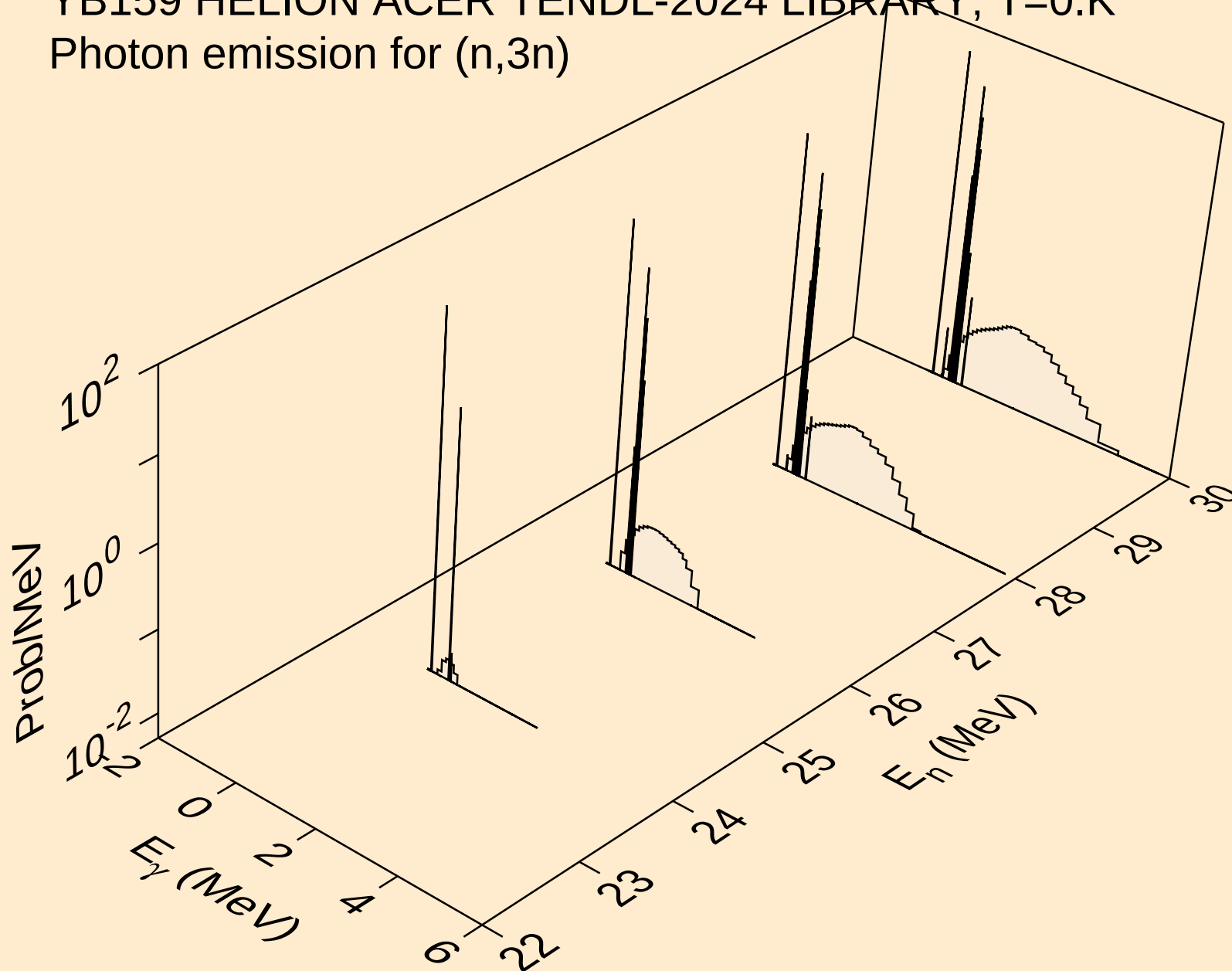
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



YB159 HELION ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2n)

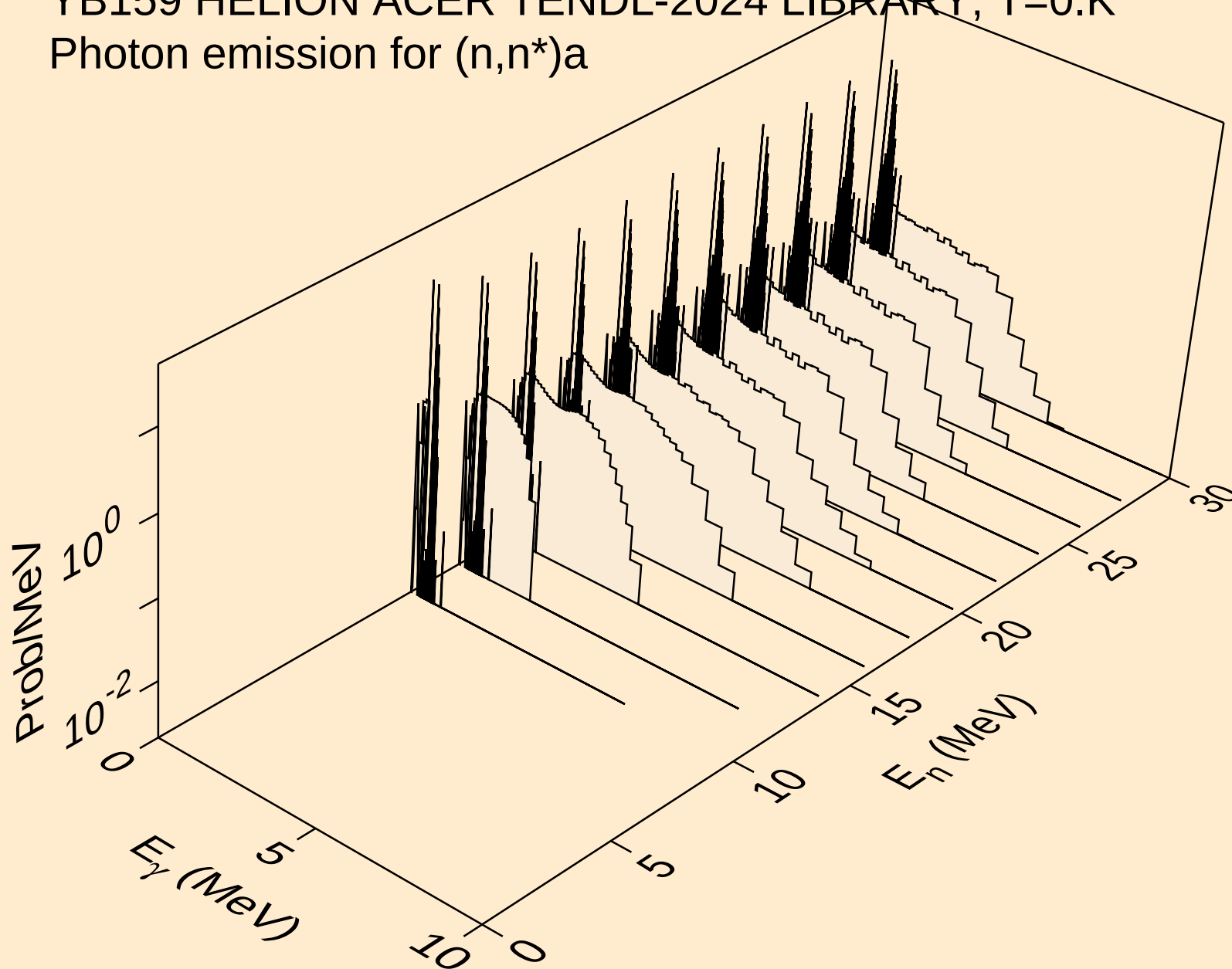


YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)

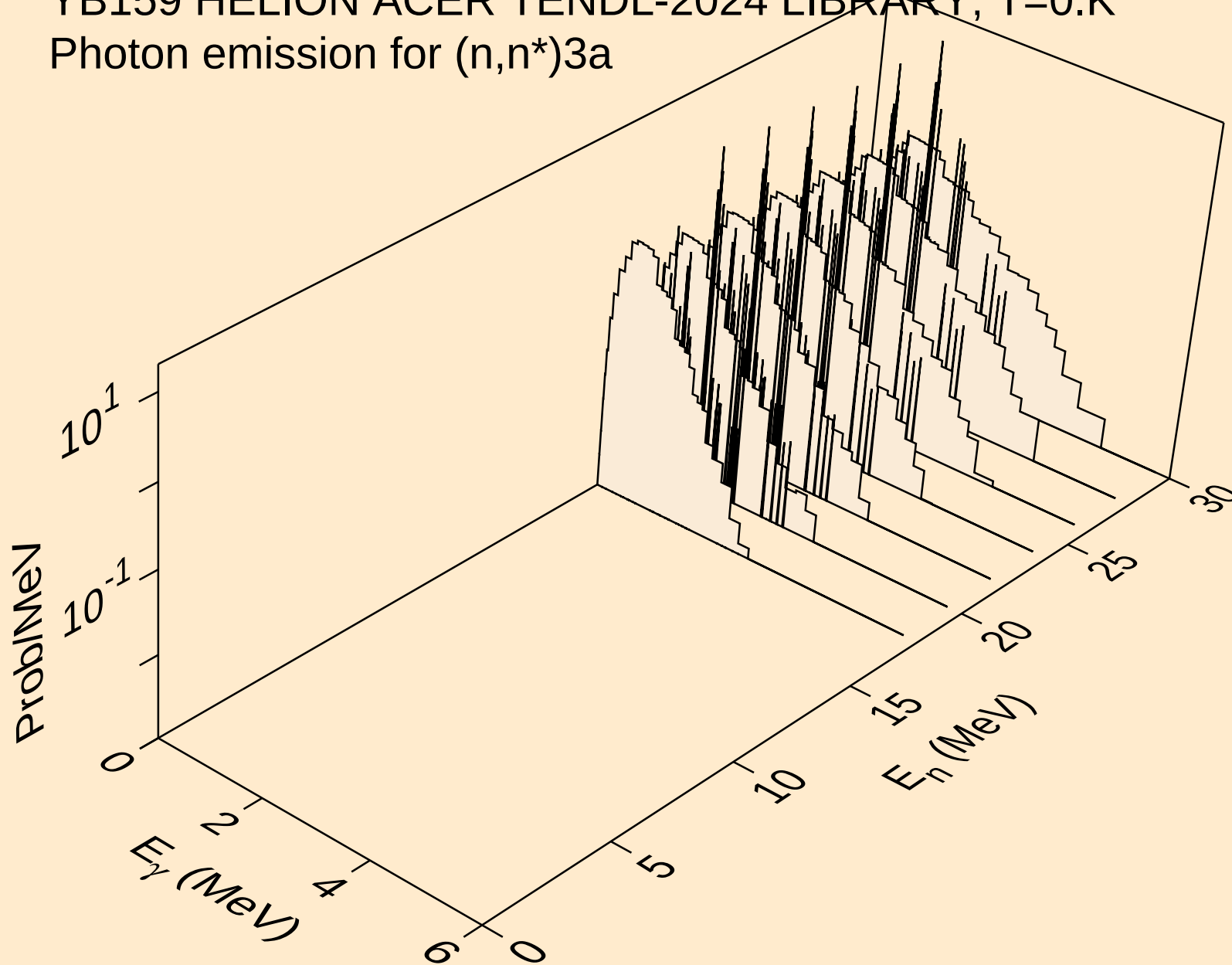


YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a

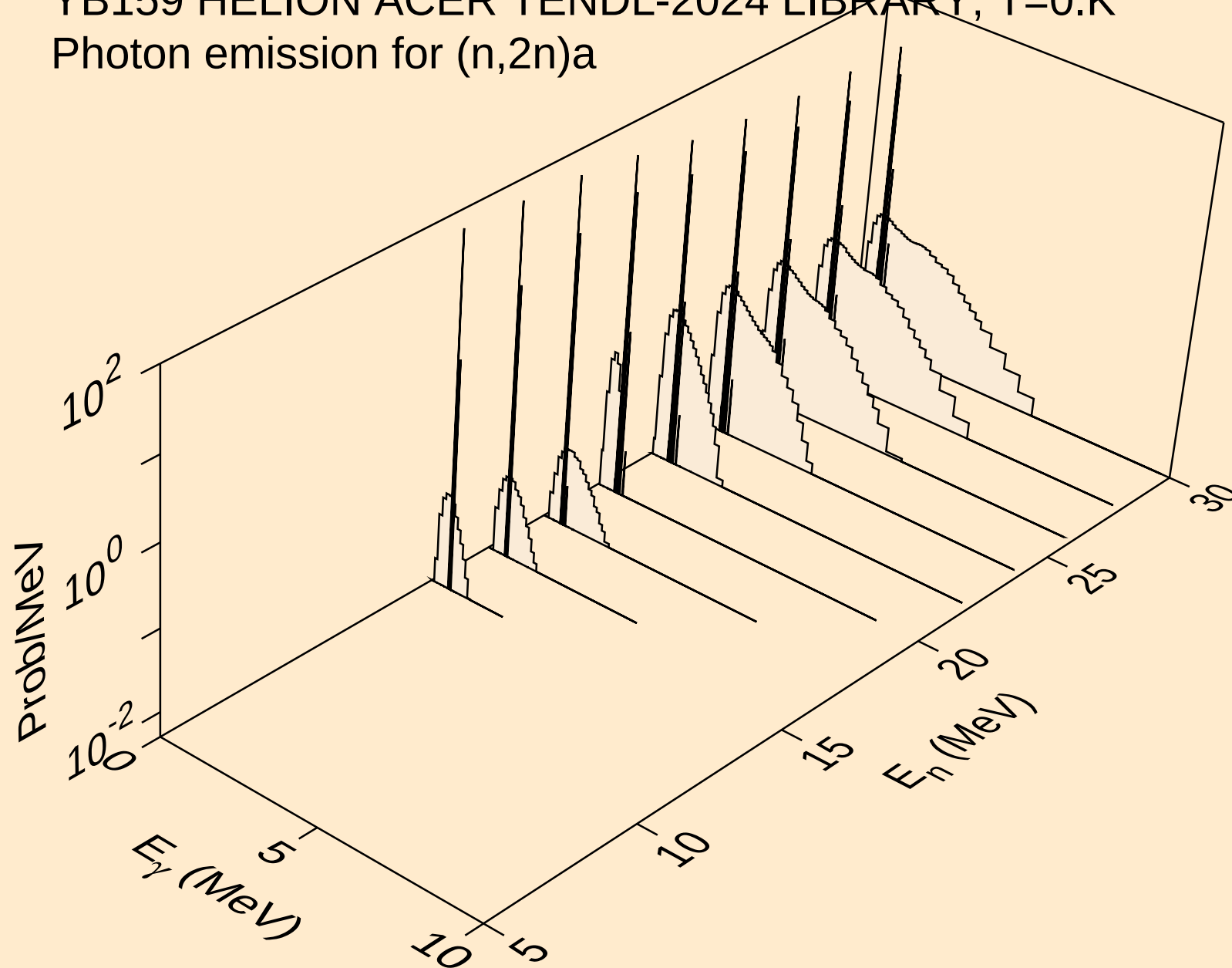


YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)3a



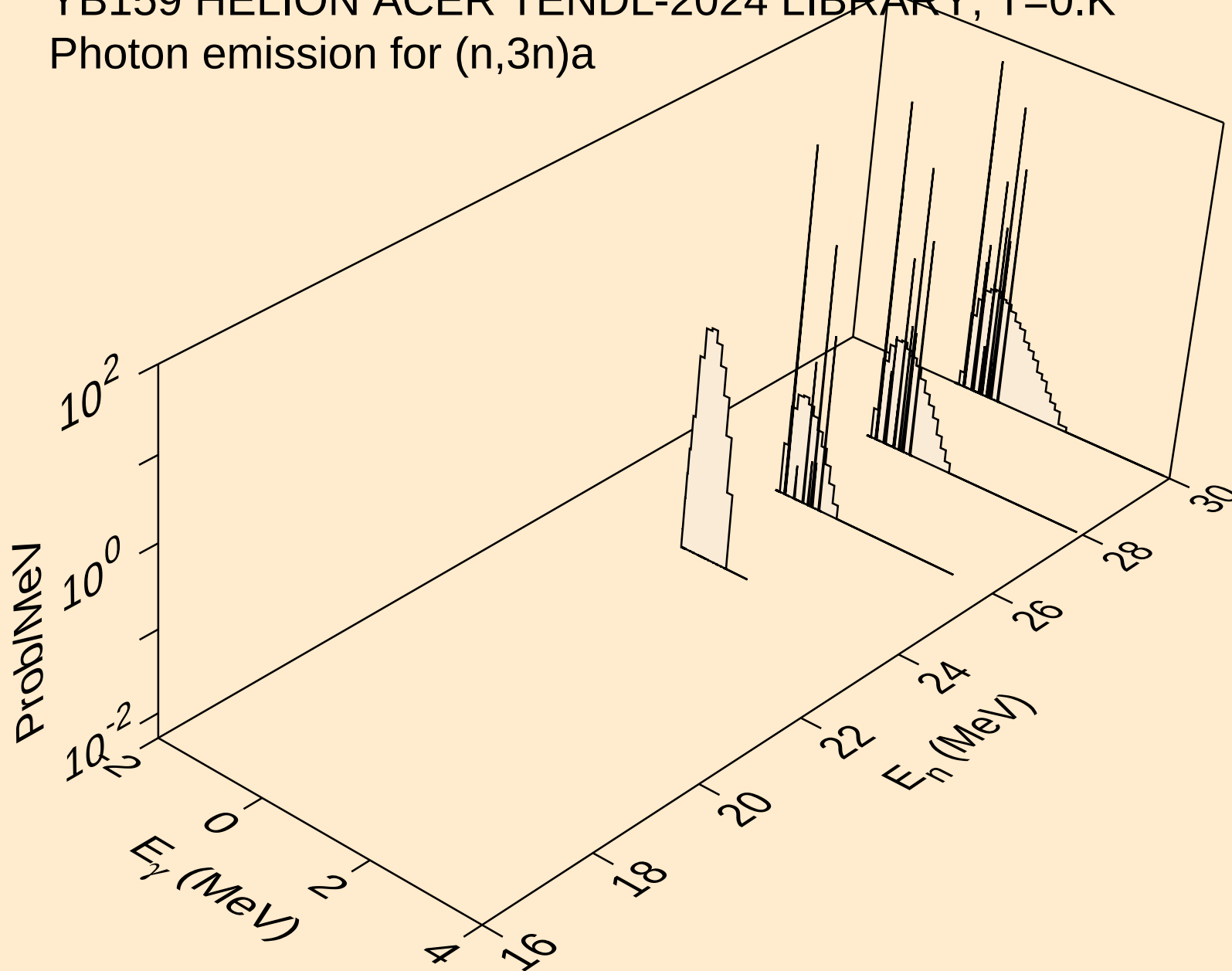
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



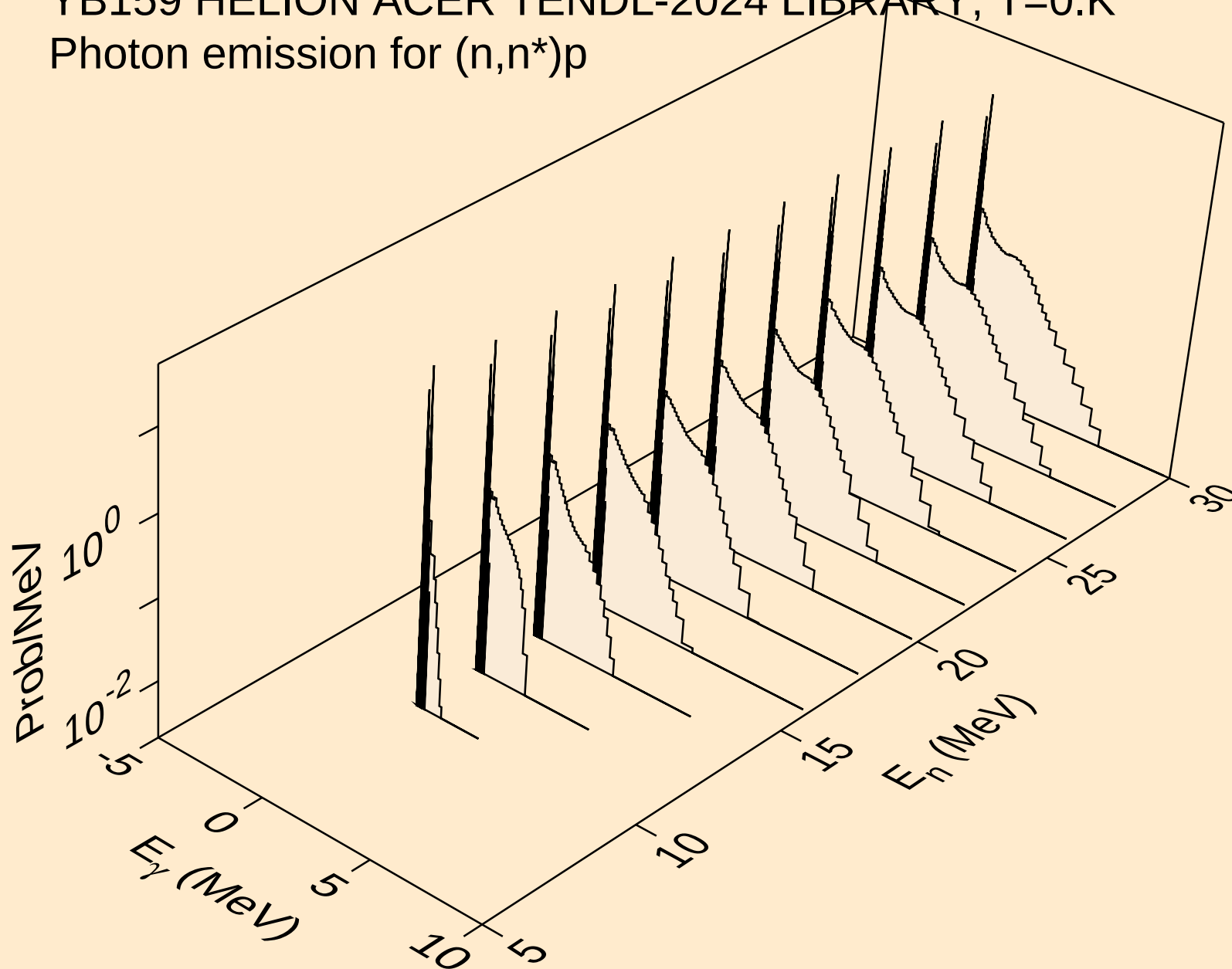
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n) α



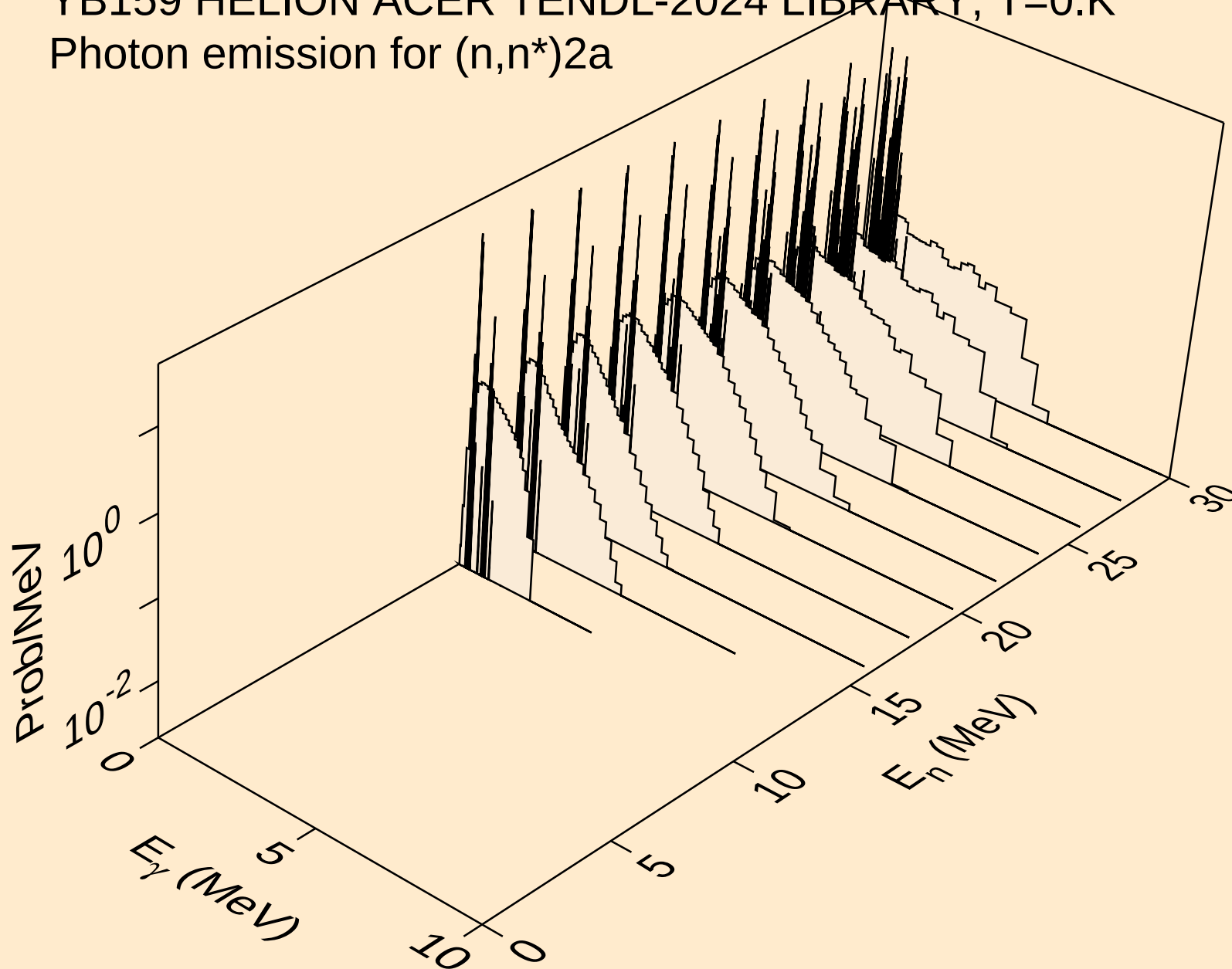
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



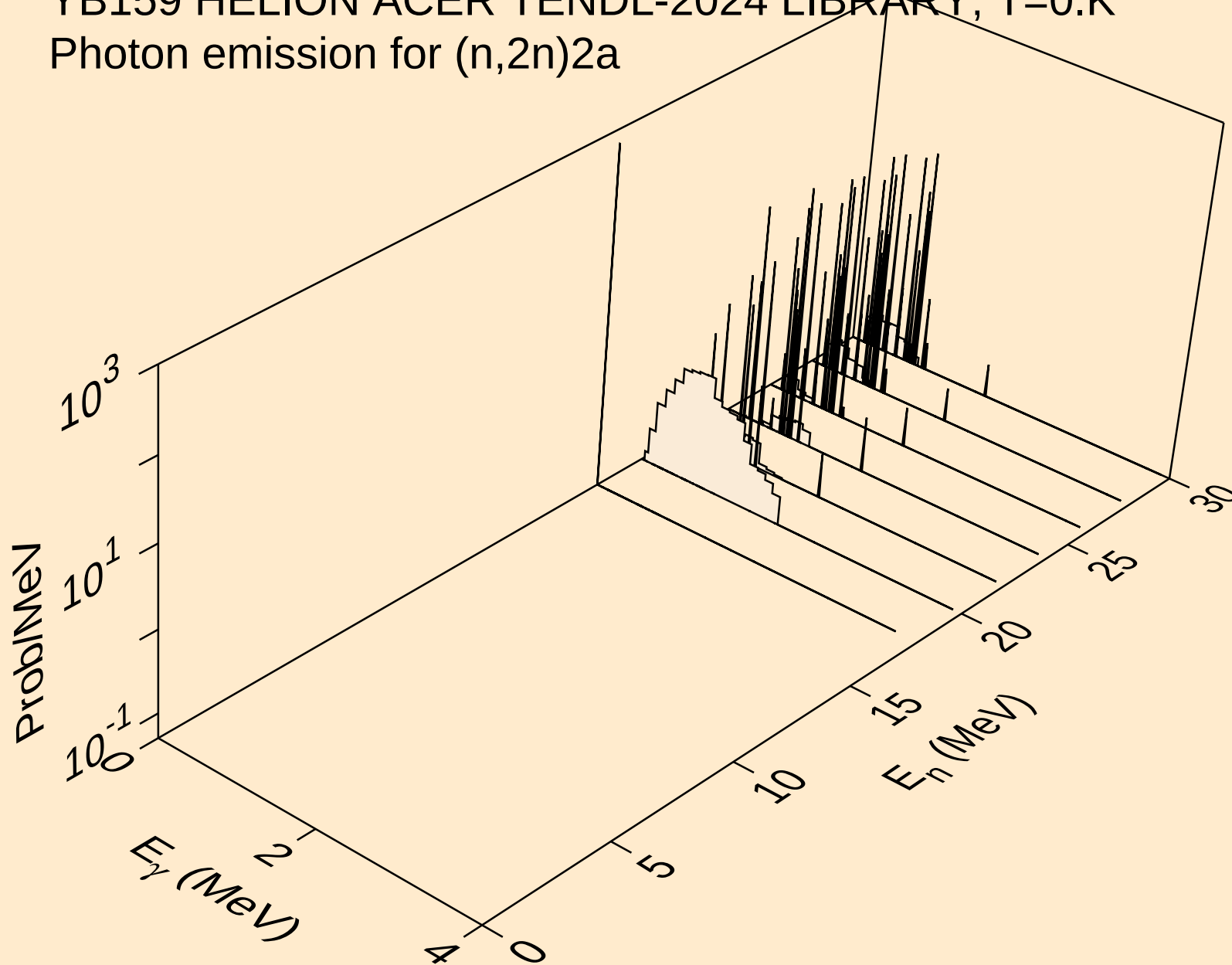
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)2a

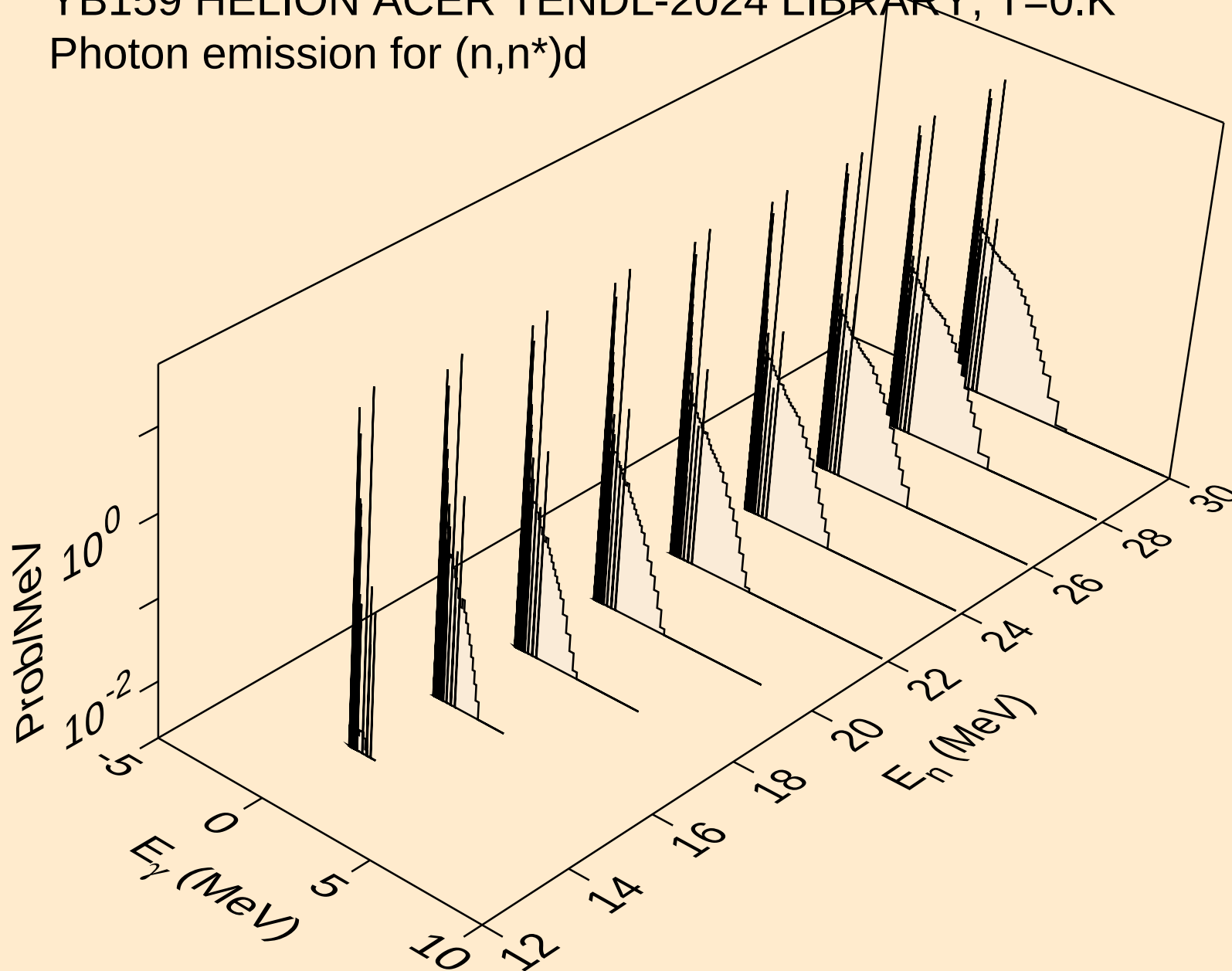


YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n)2a

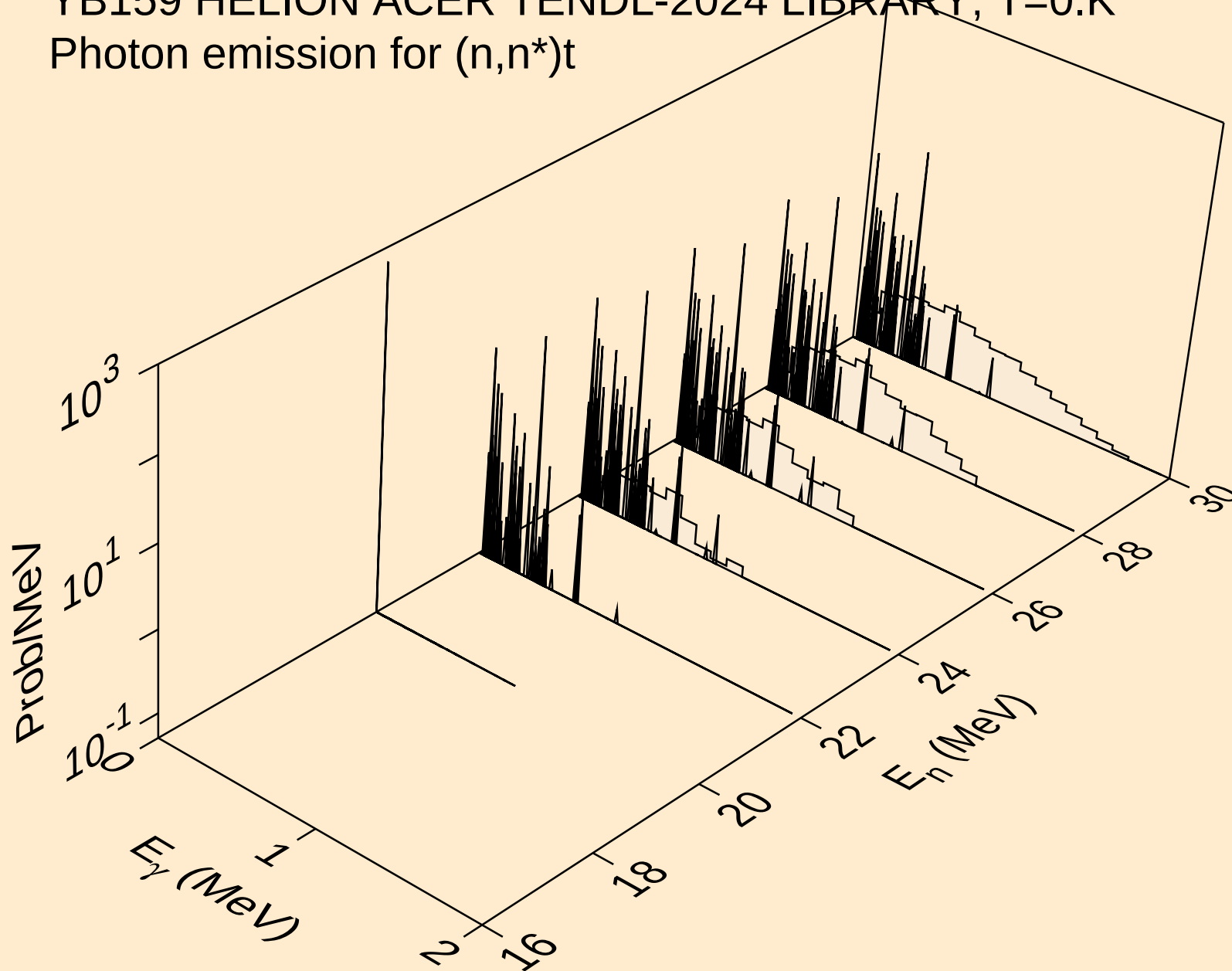


YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d

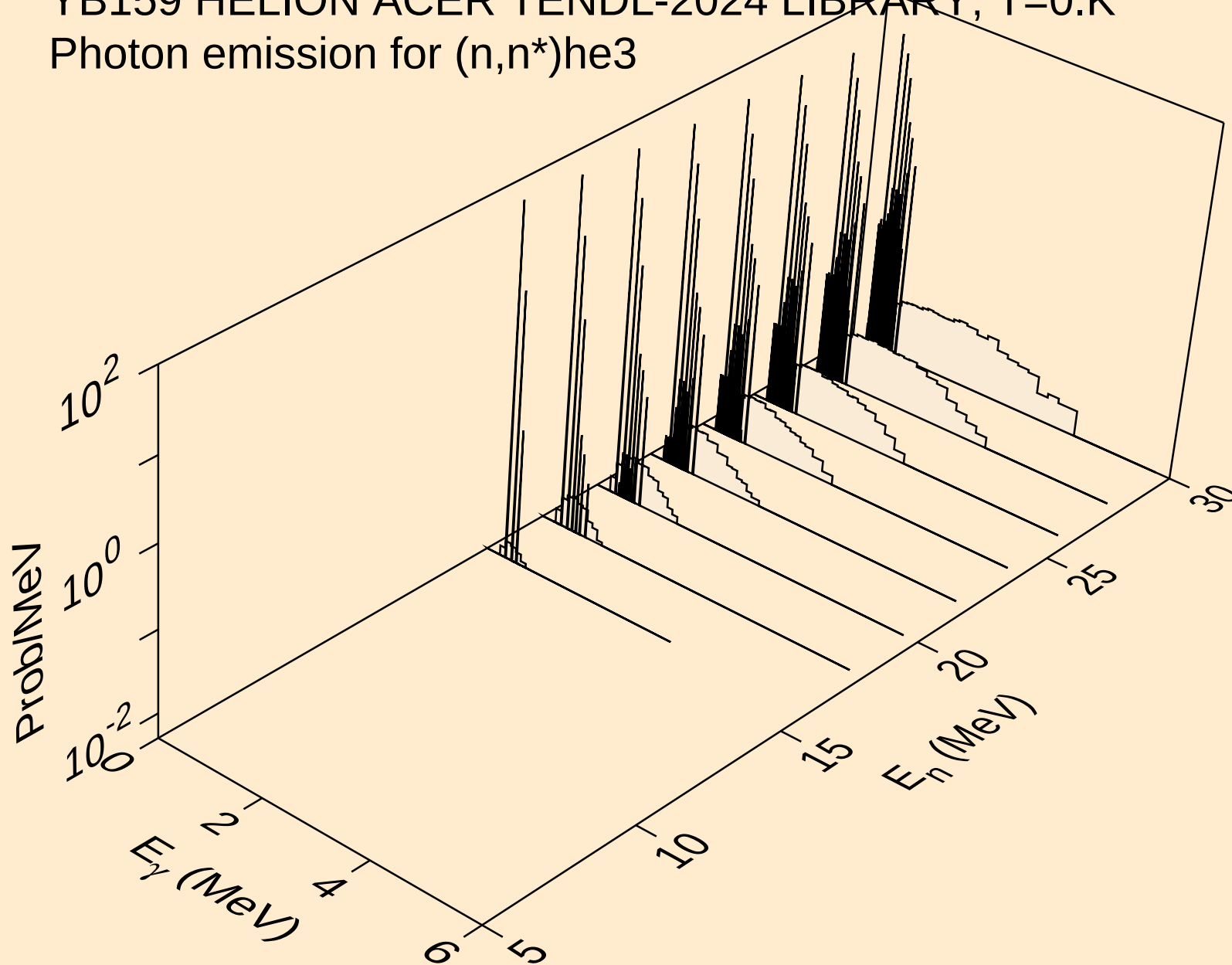


YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

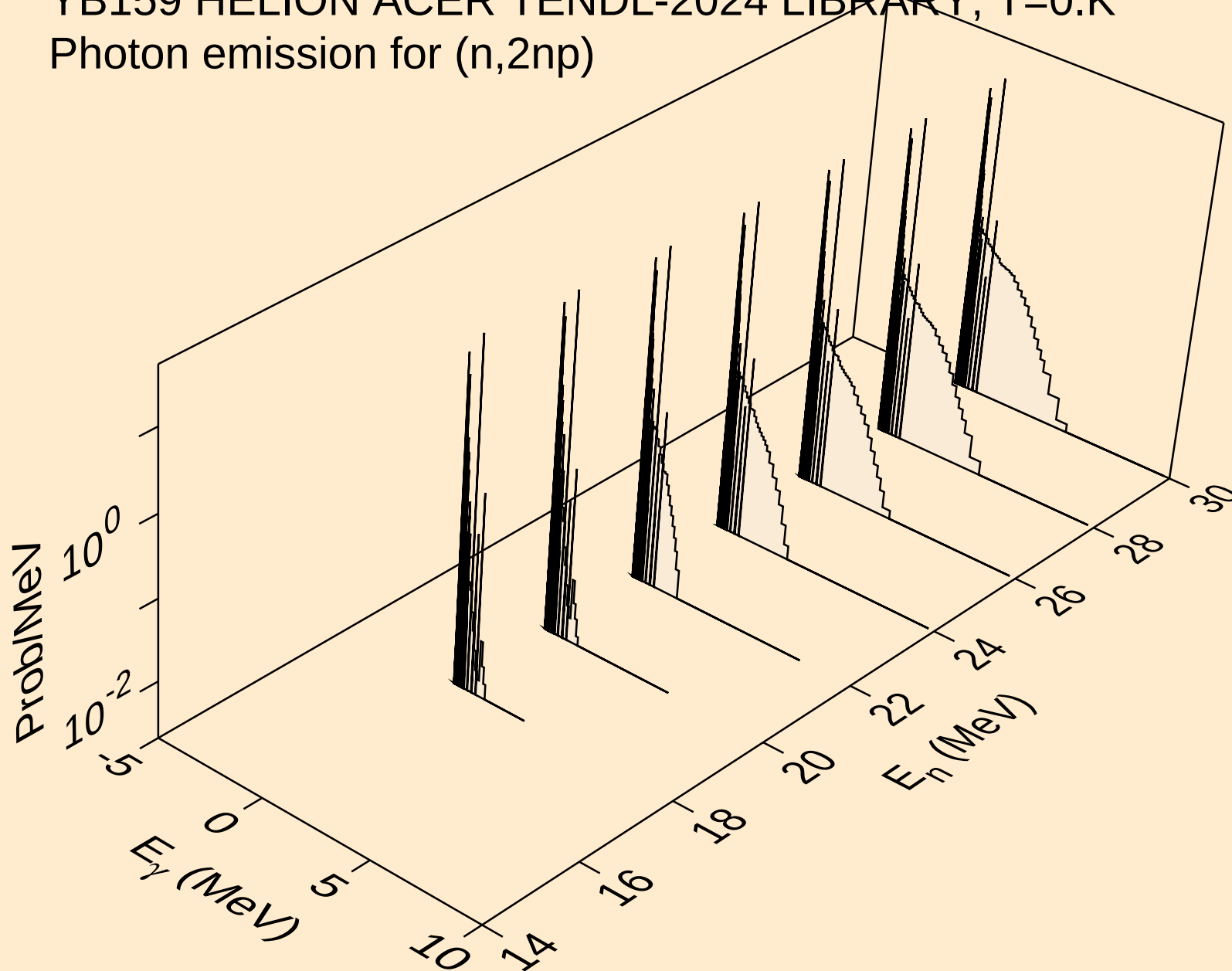
Photon emission for (n,n*)t



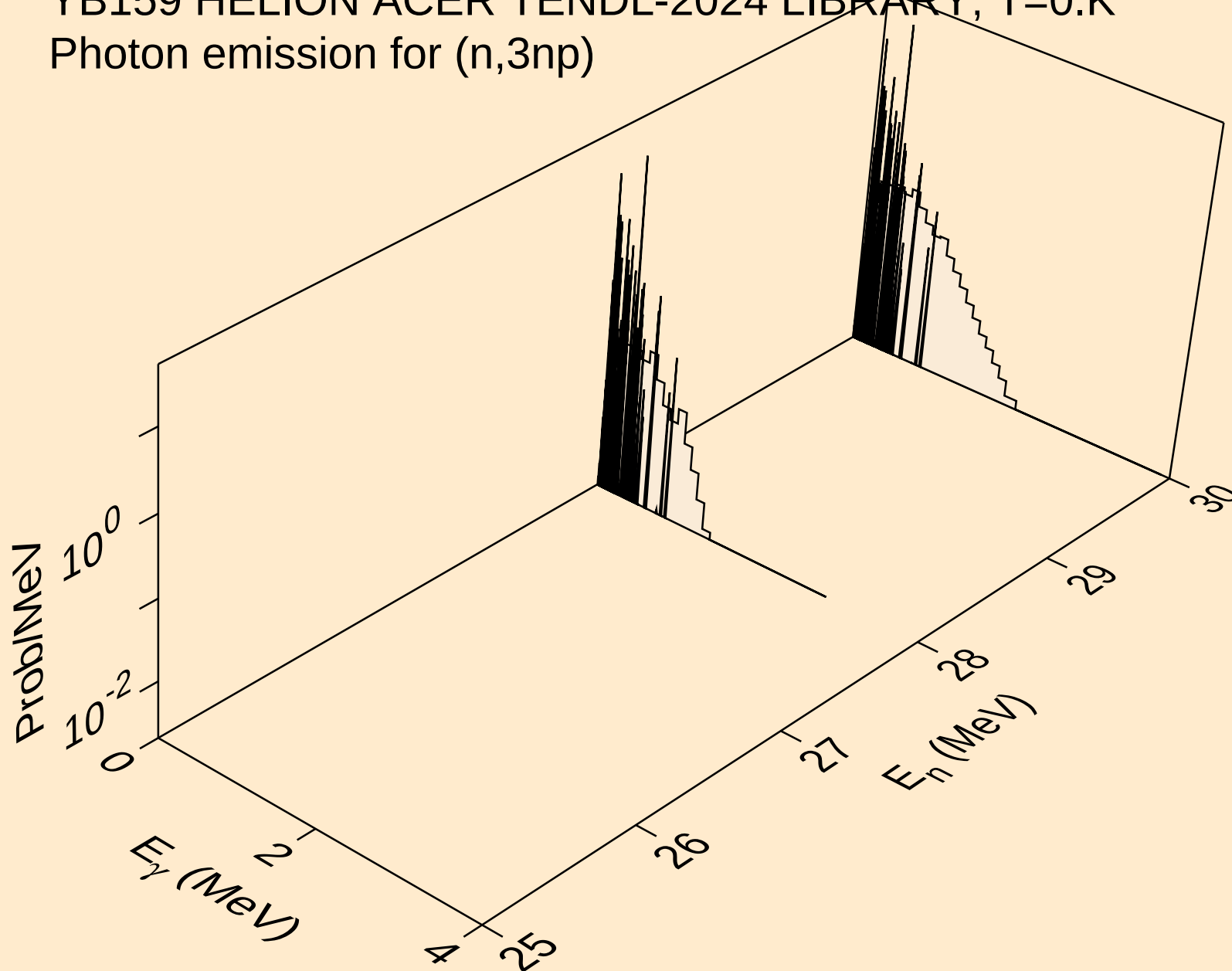
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



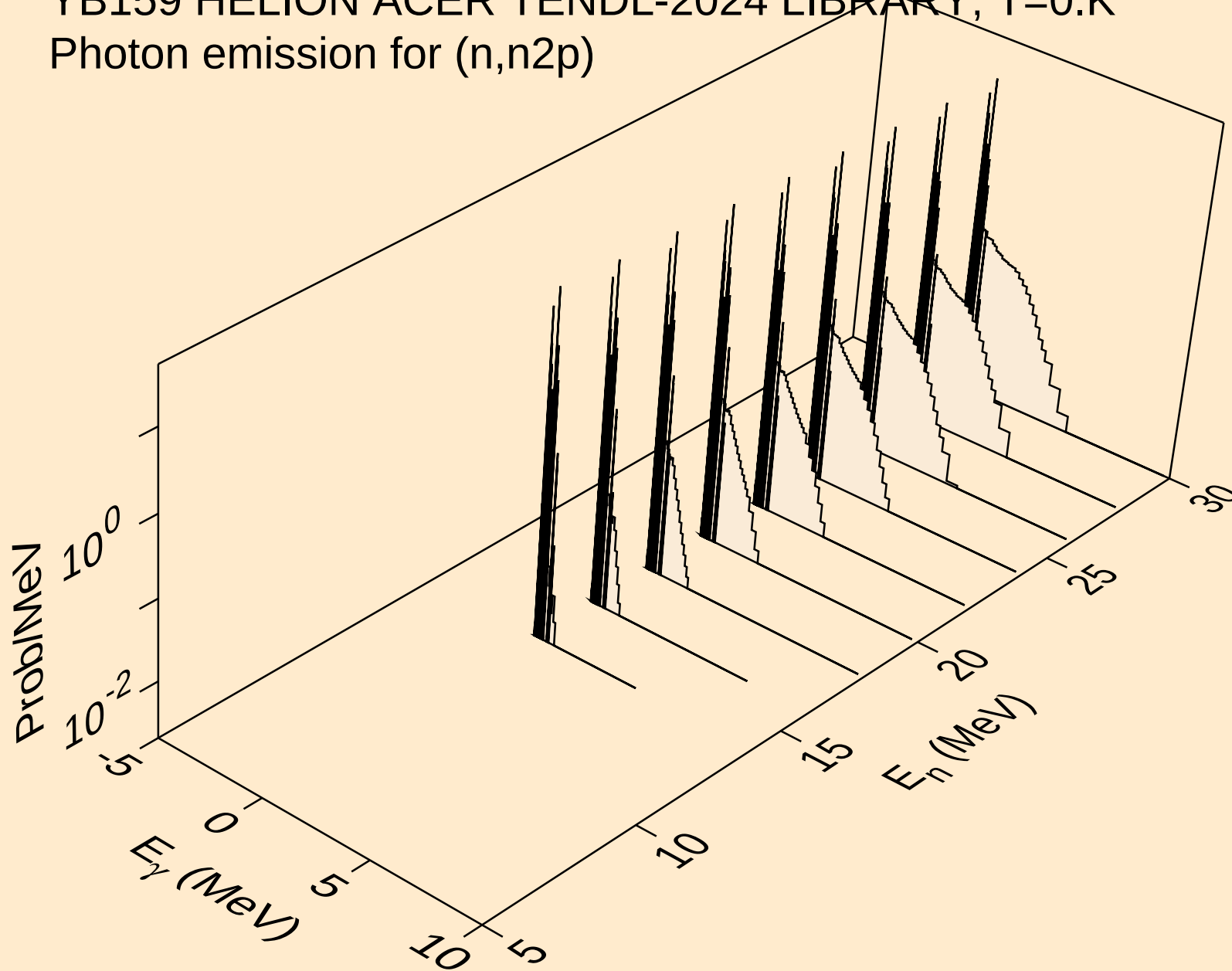
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



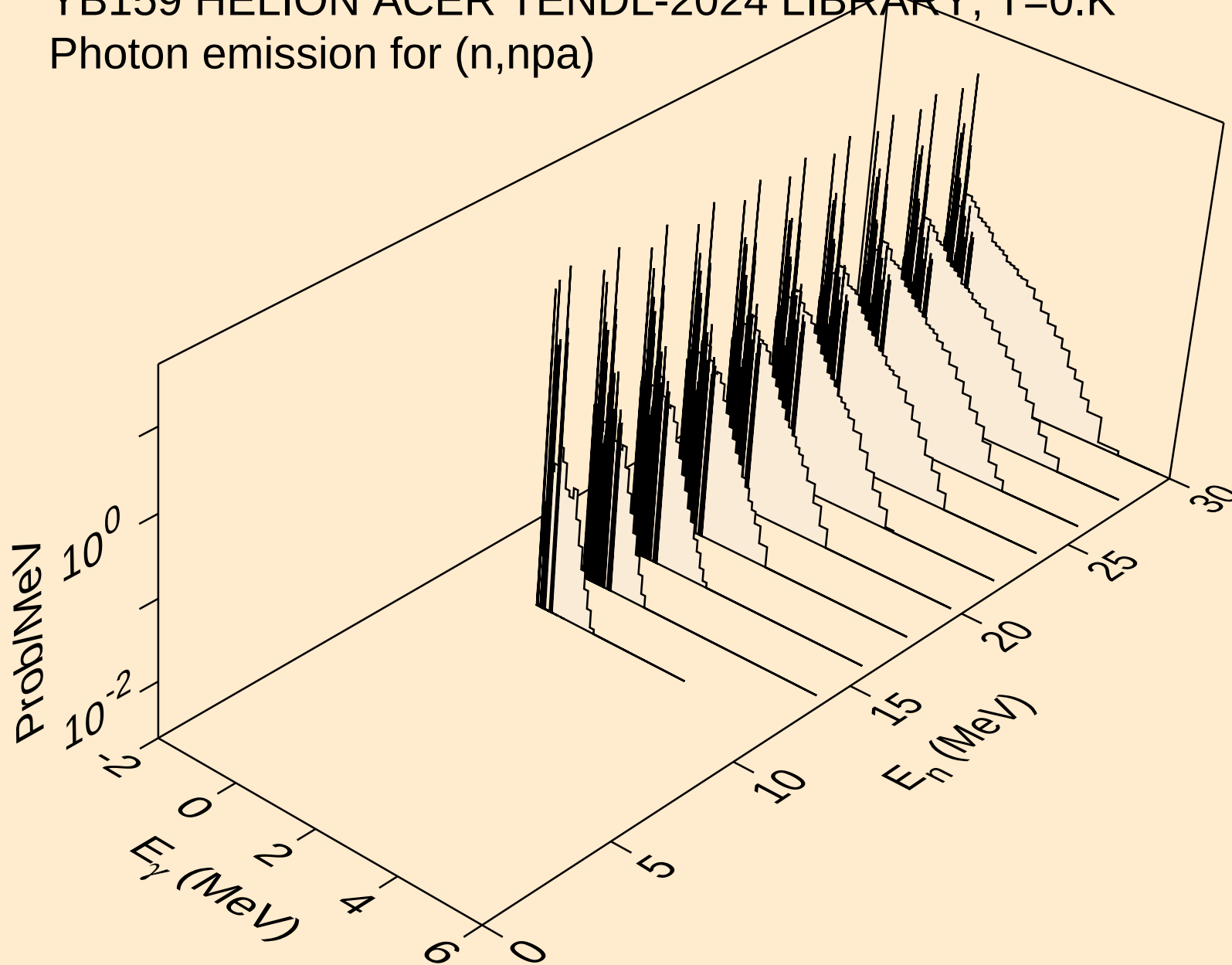
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



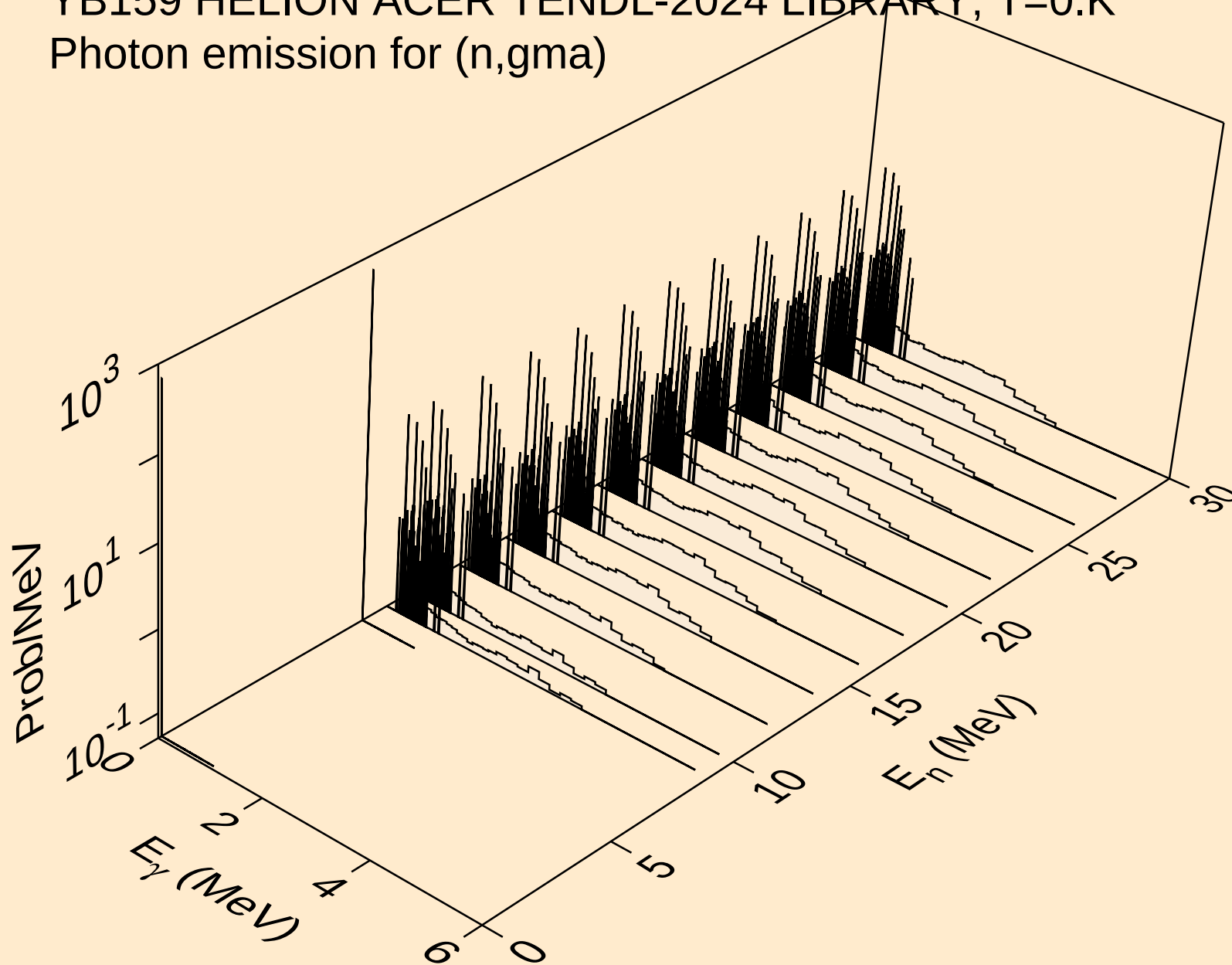
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



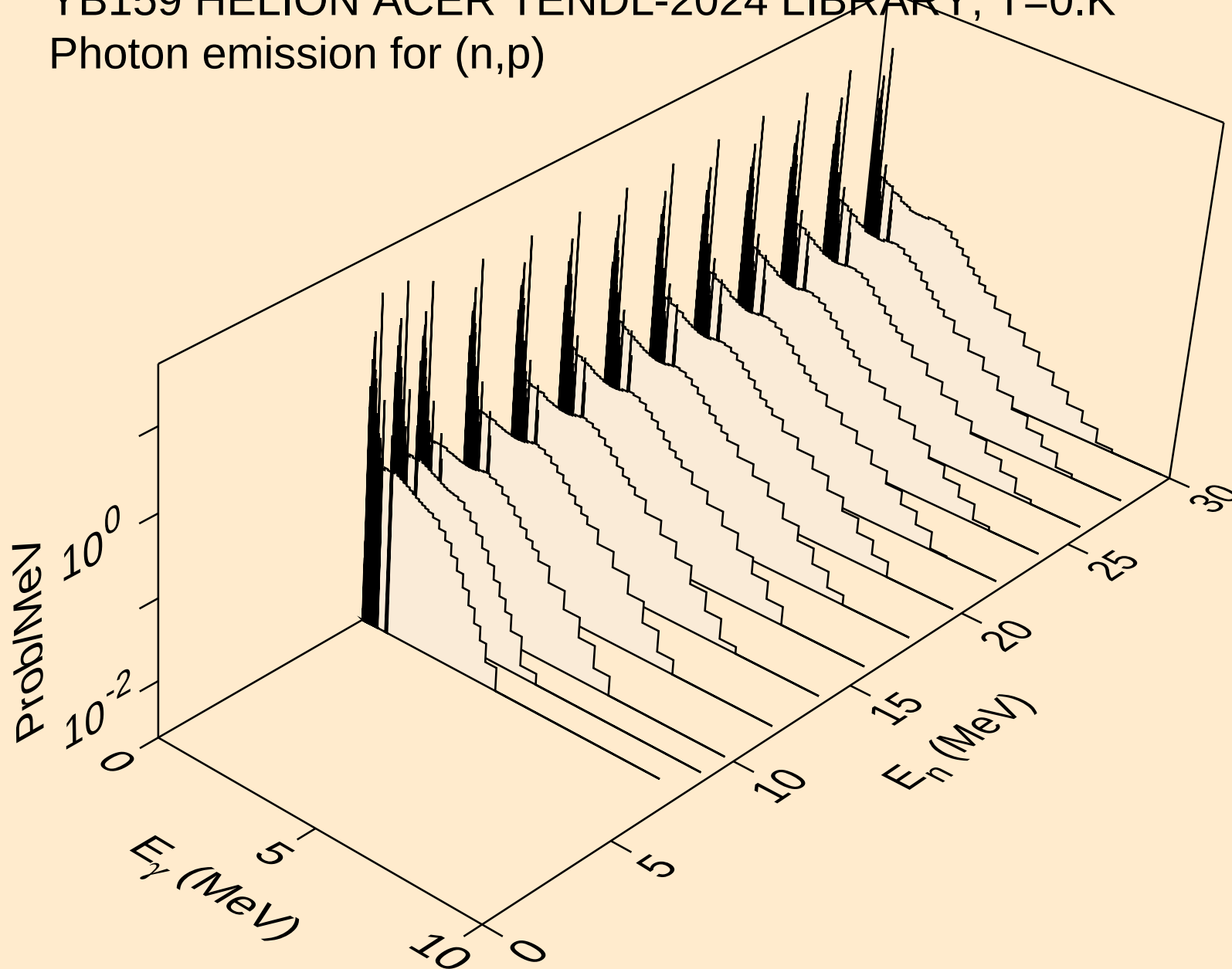
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



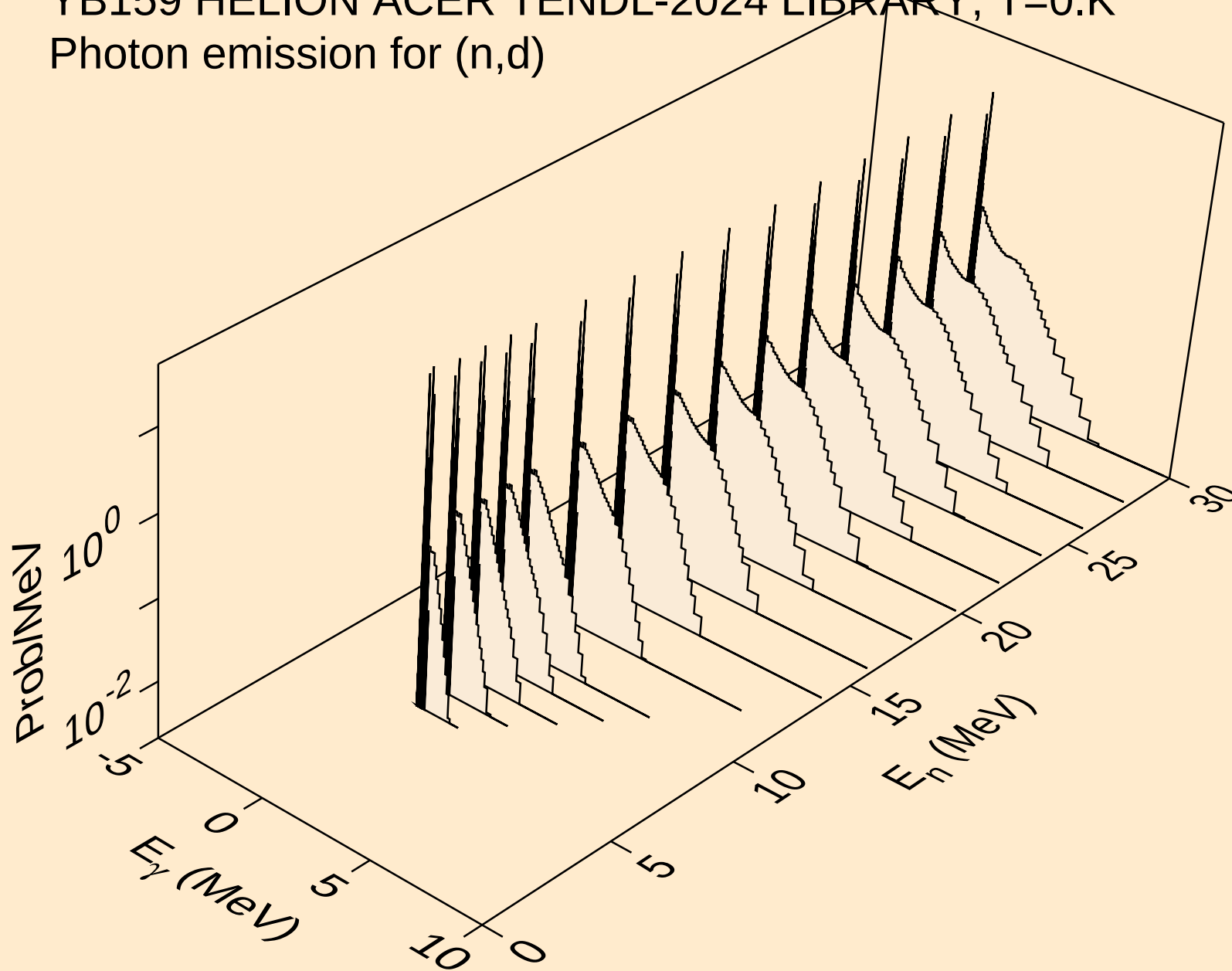
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Photon emission for (n,gma)



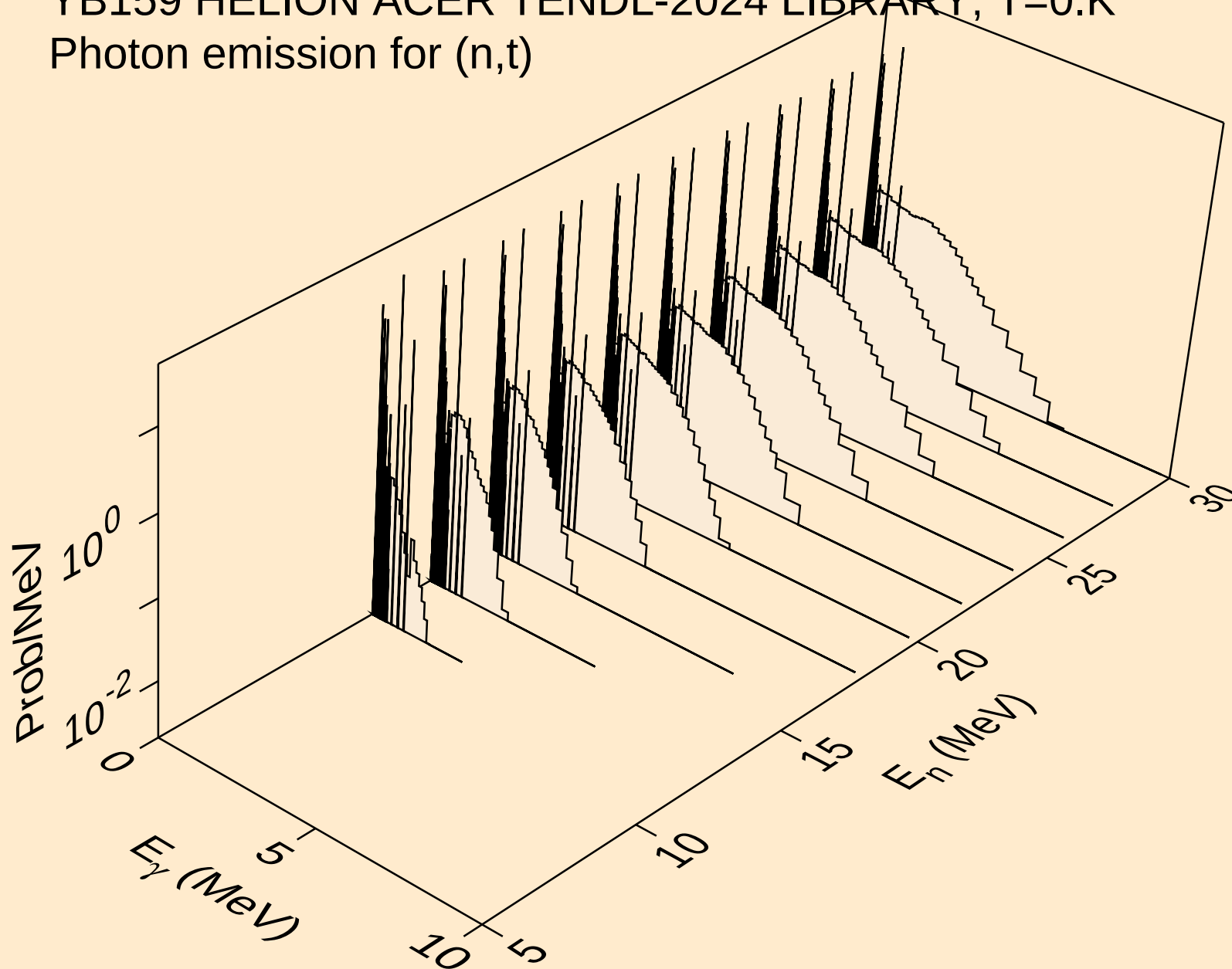
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Photon emission for (n,p)



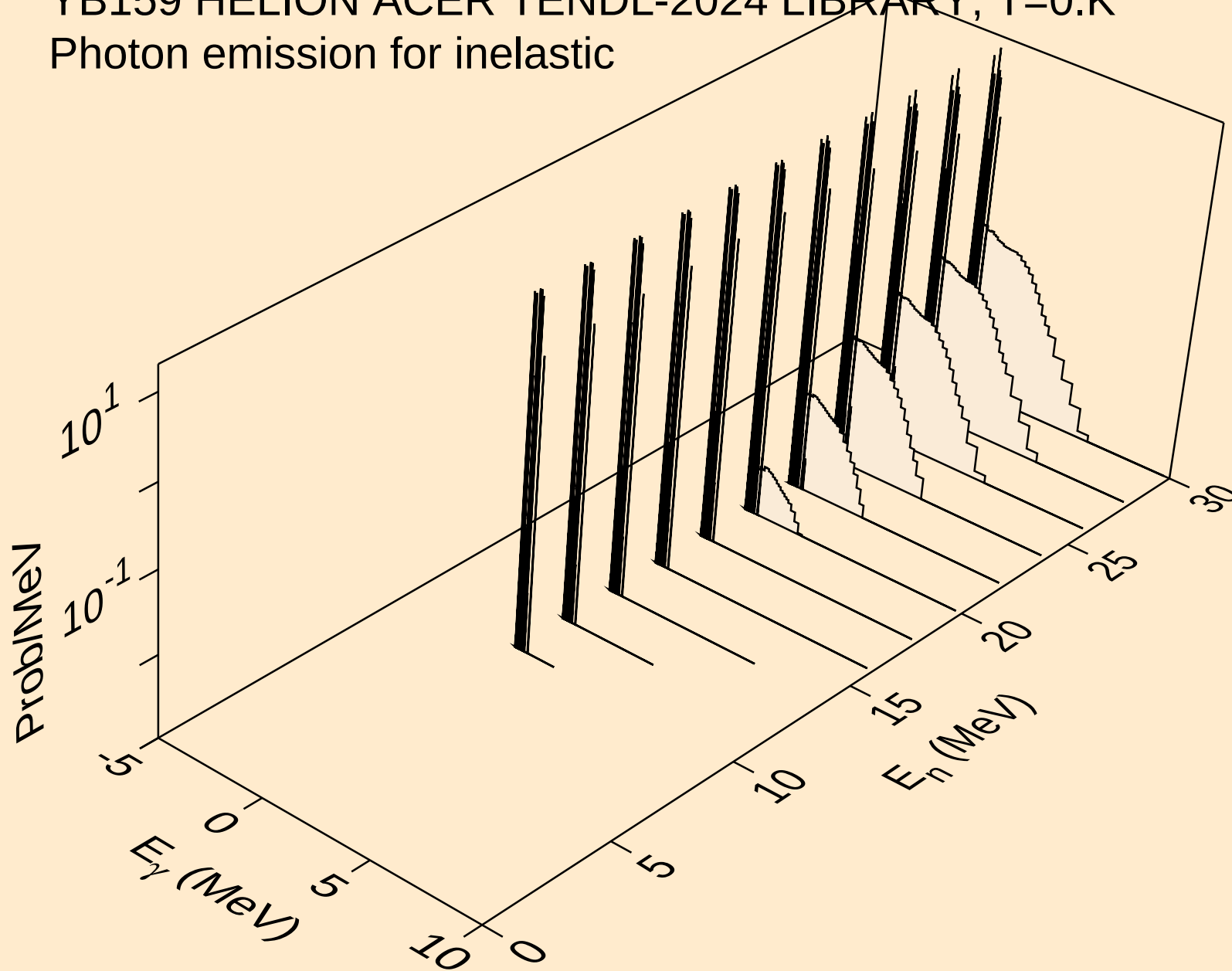
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Photon emission for (n,d)



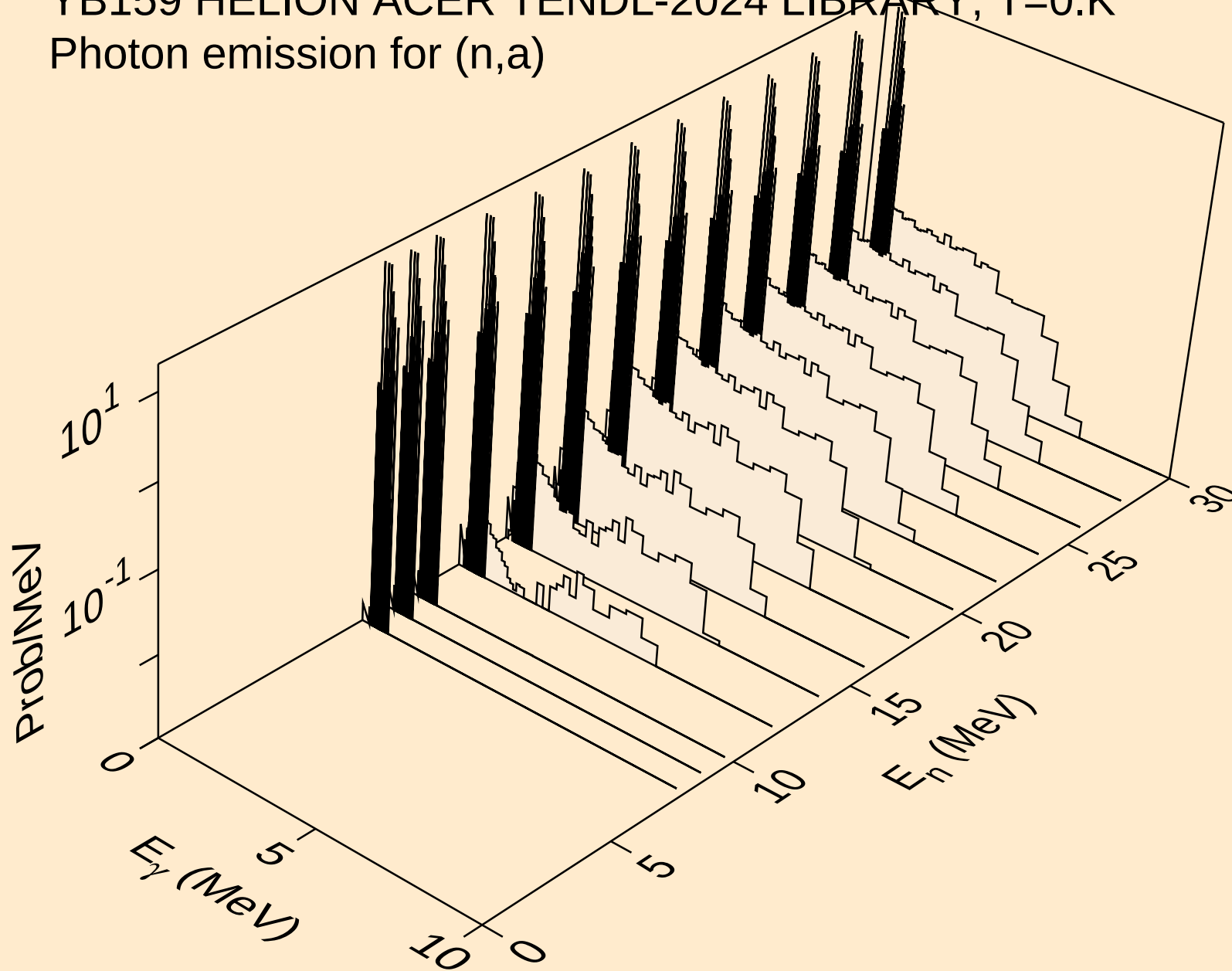
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



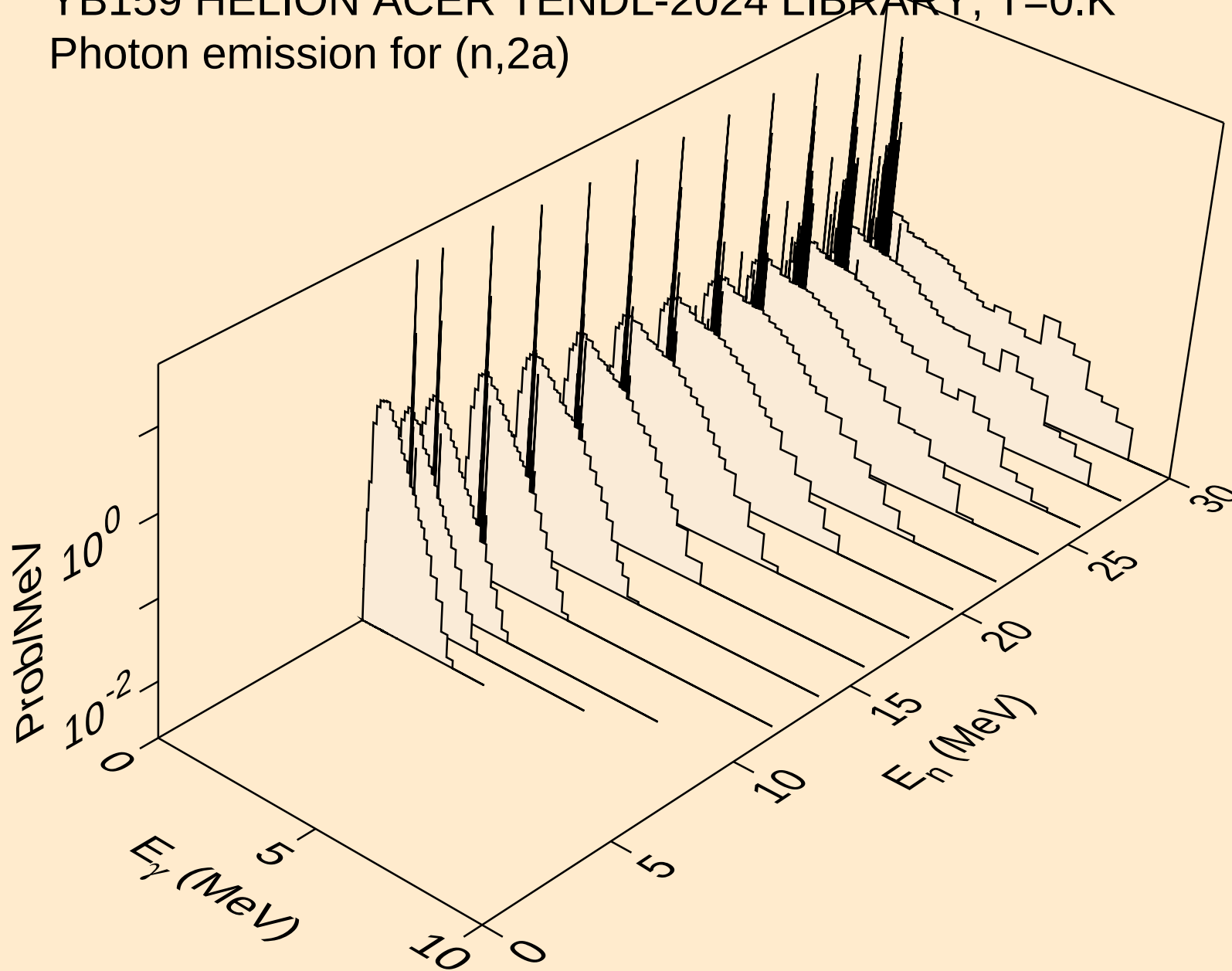
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



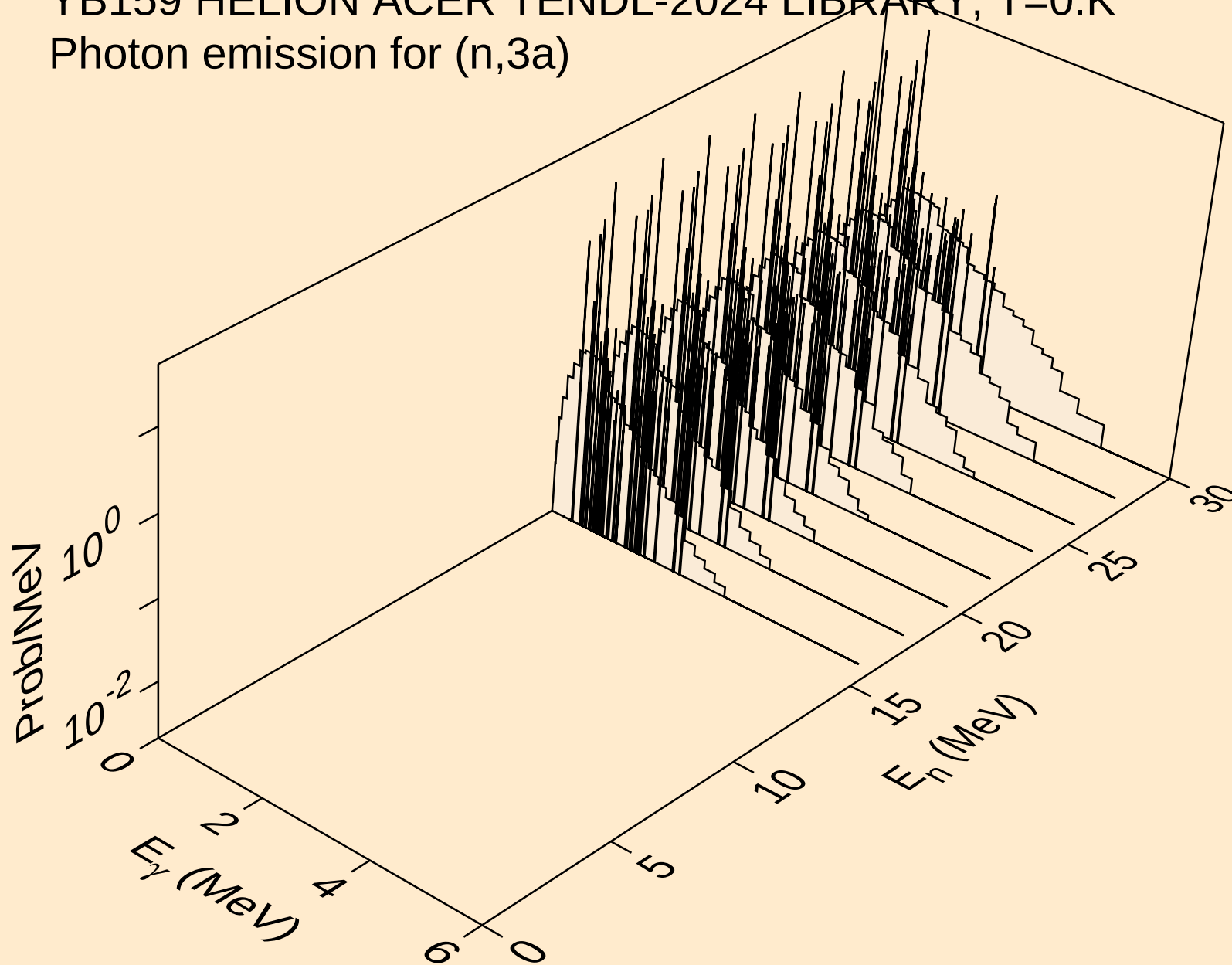
YB159 HELION ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,a)



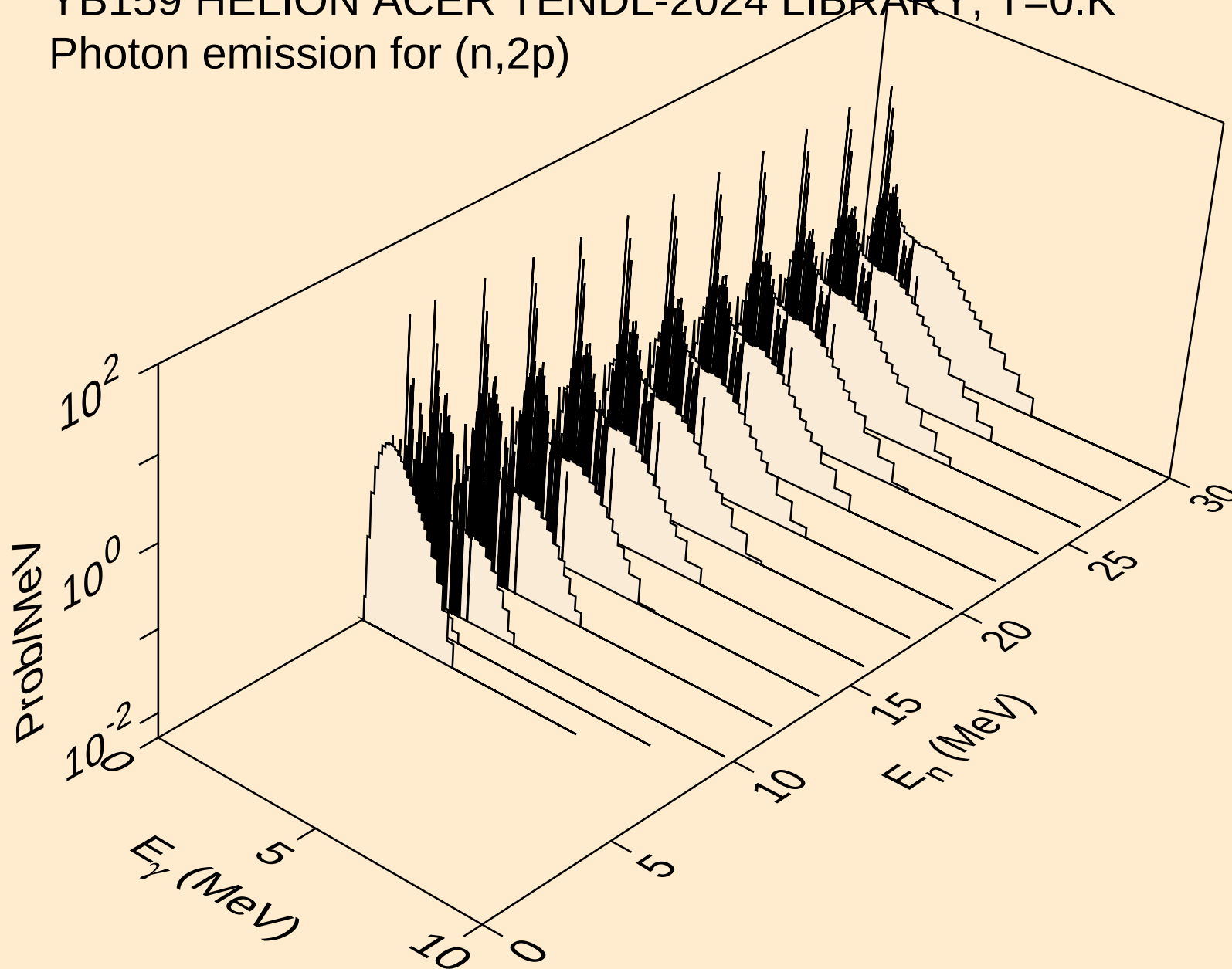
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



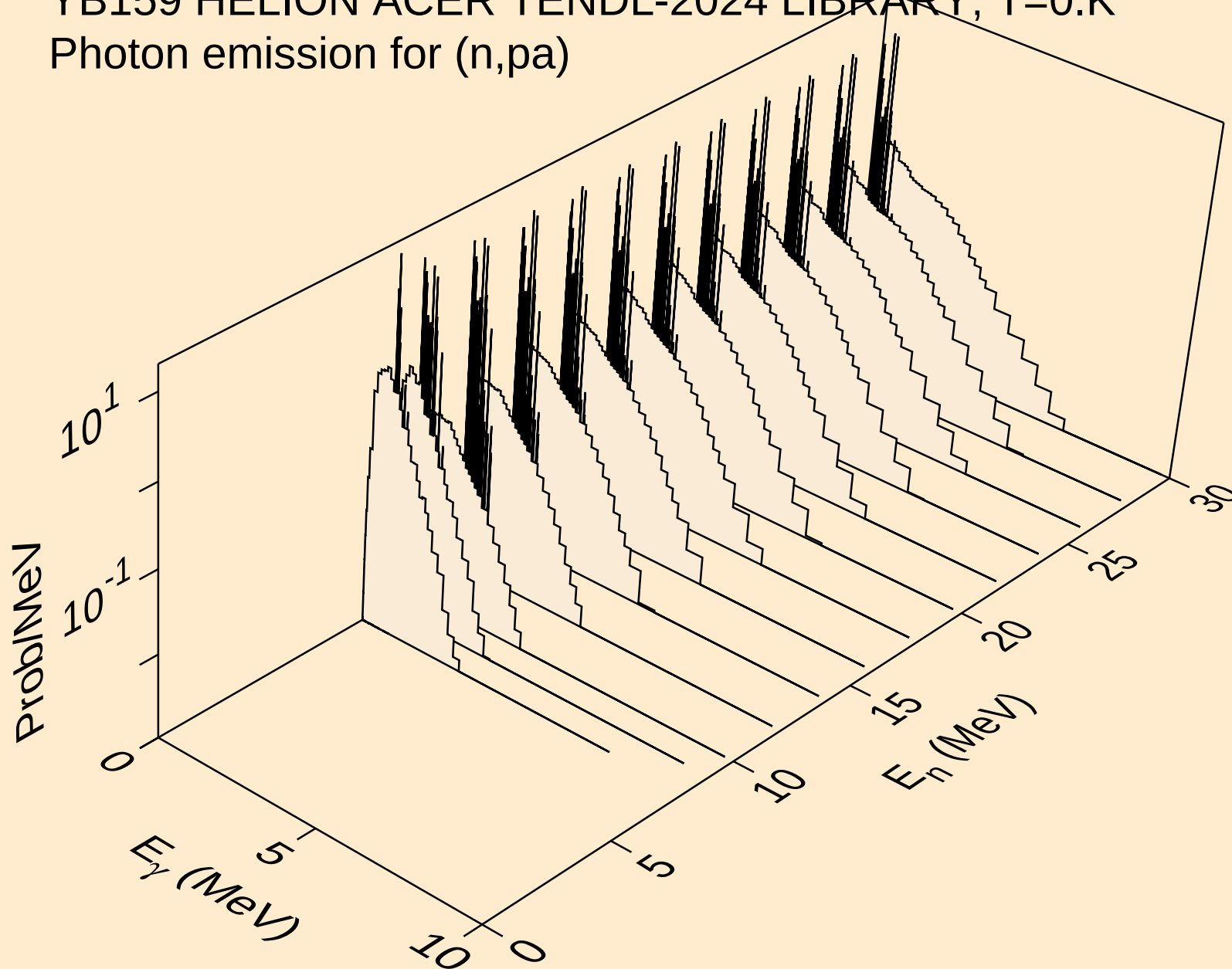
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Photon emission for (n,3a)



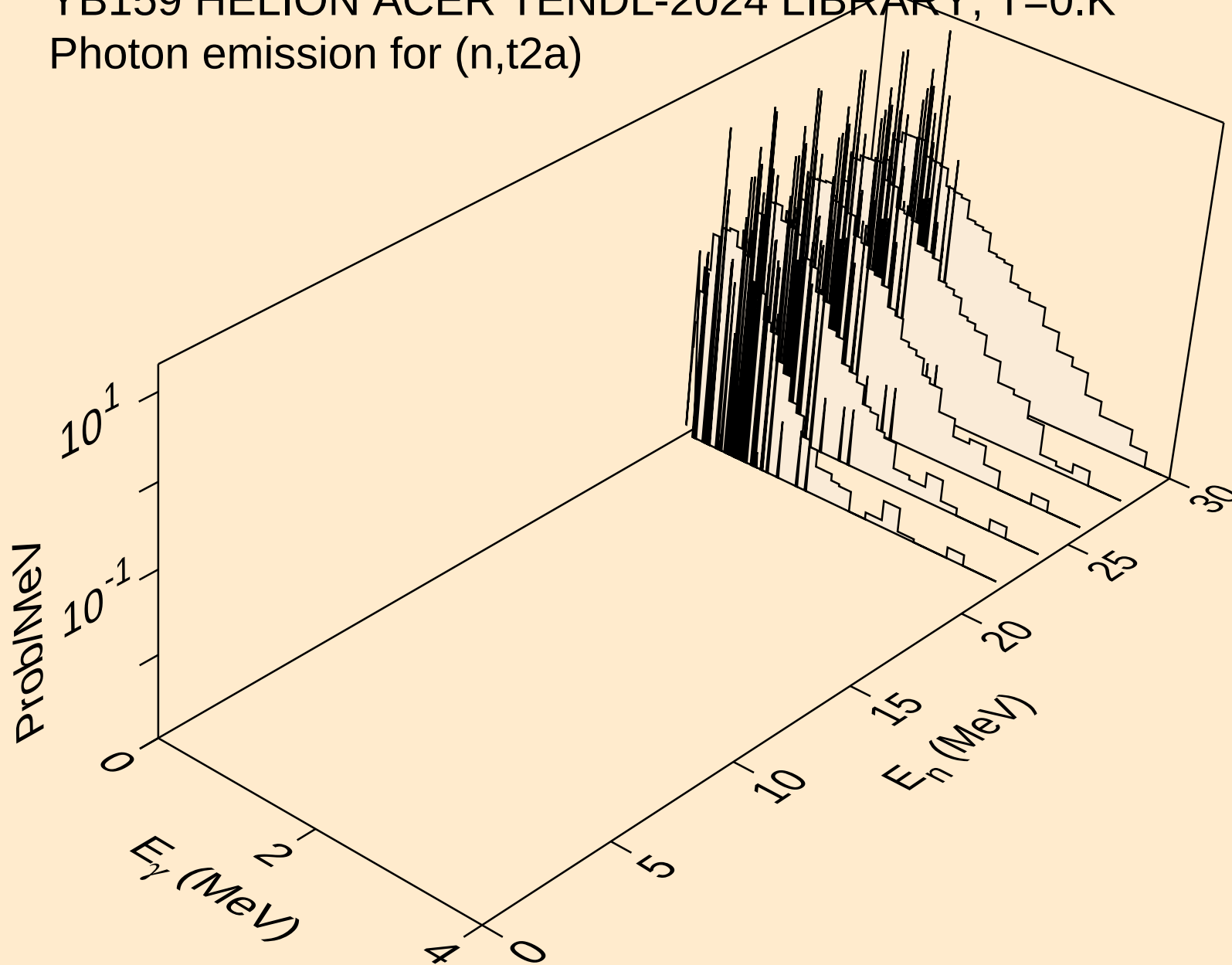
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Photon emission for (n,2p)



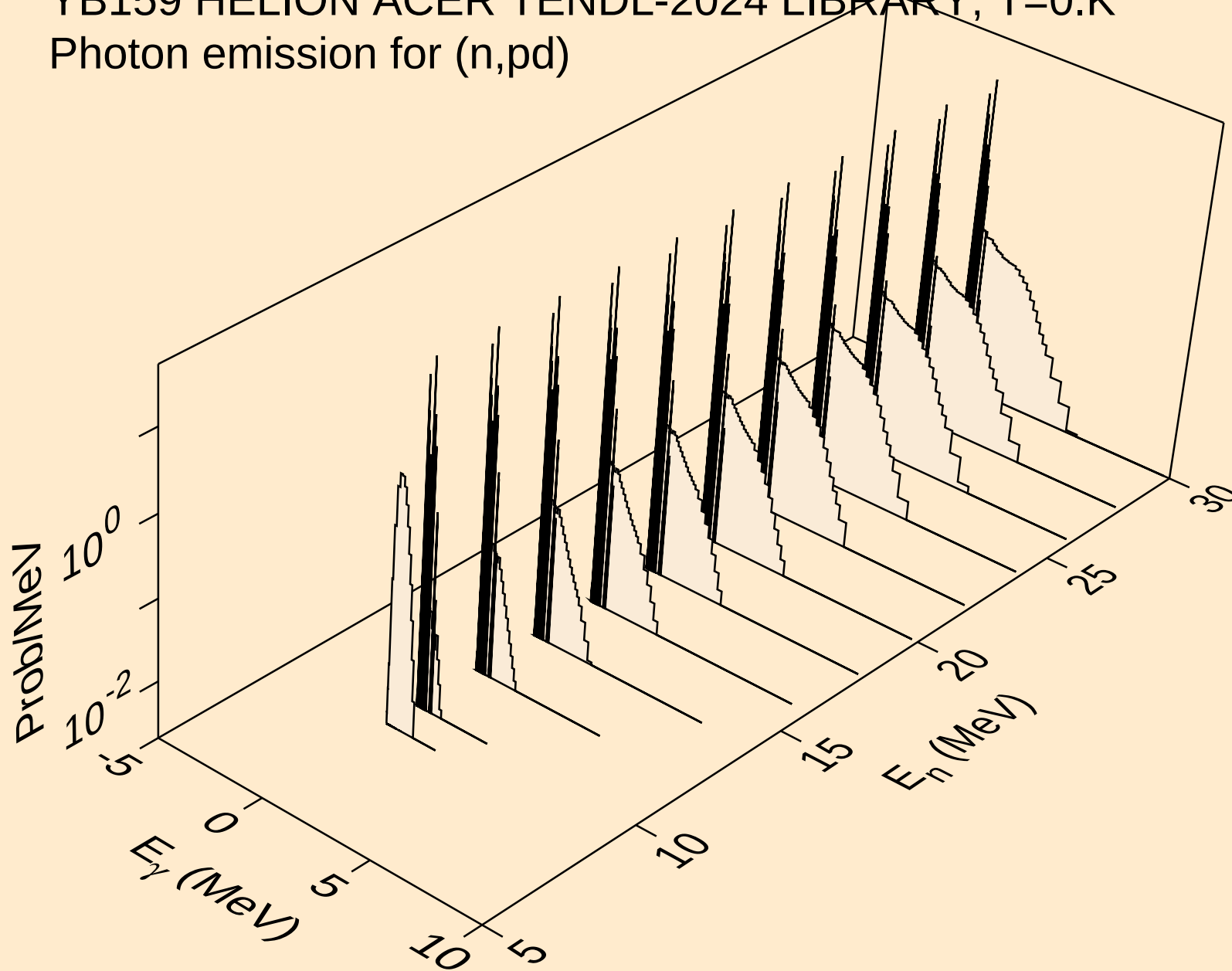
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p α)



YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t2a)

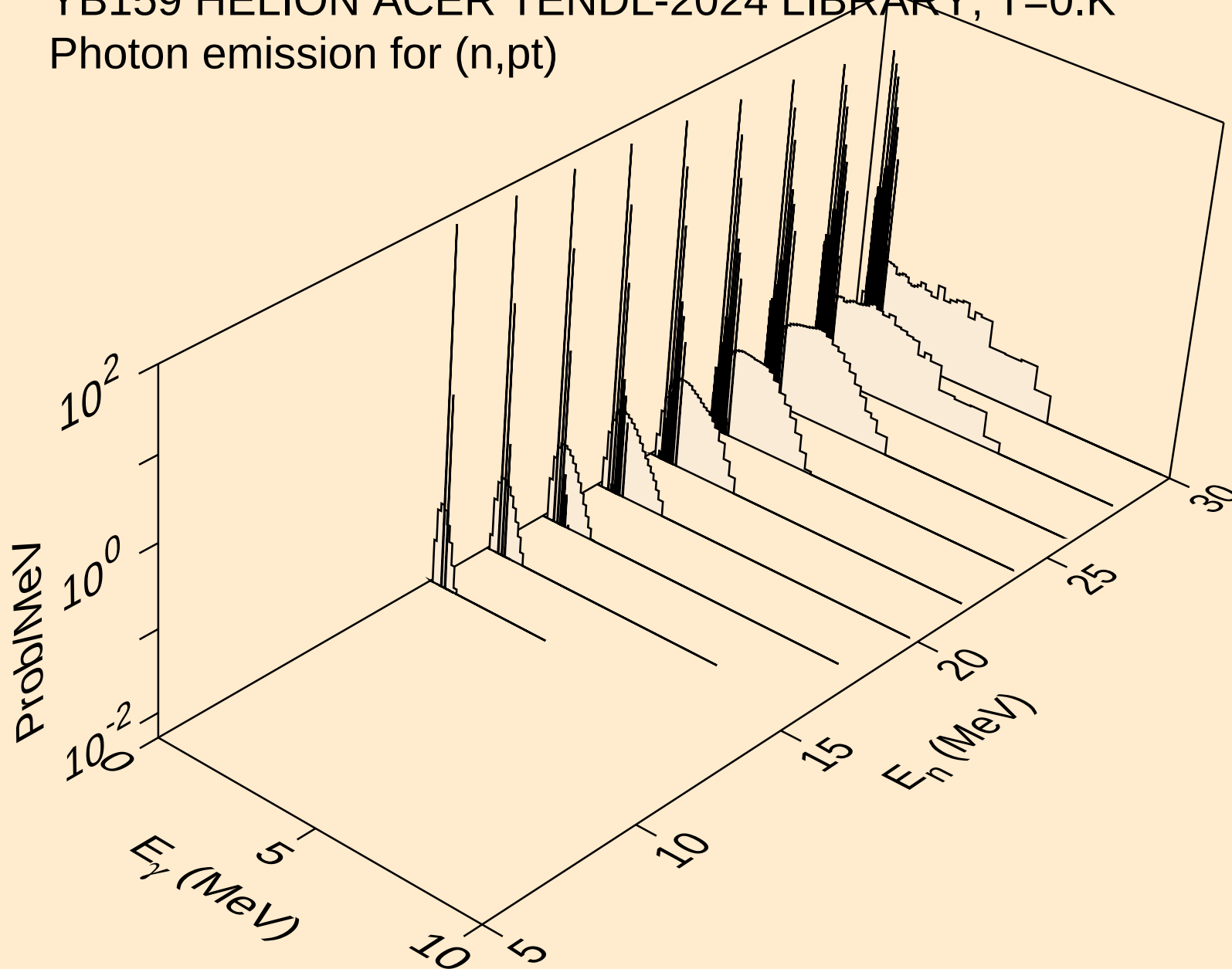


YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)

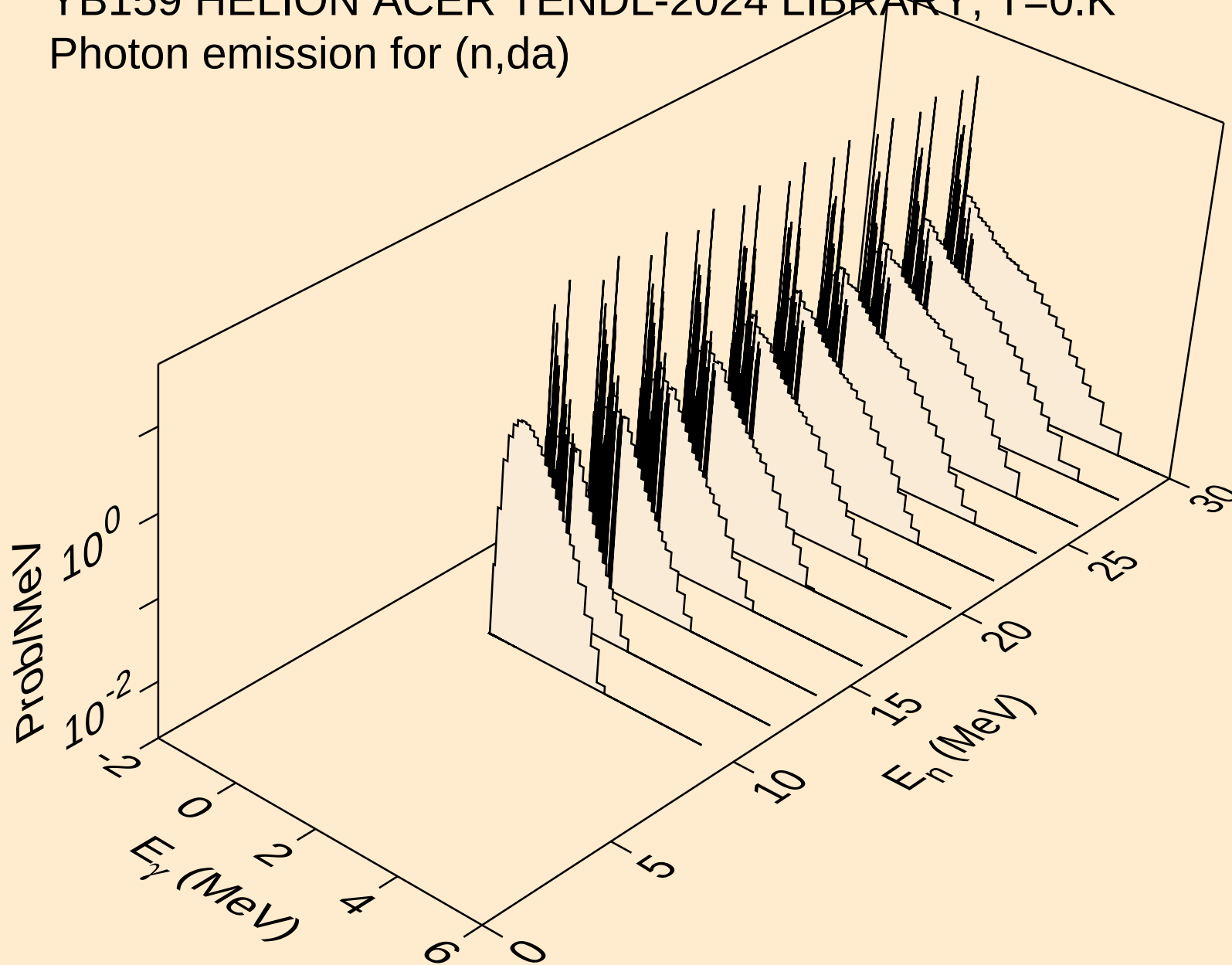


YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

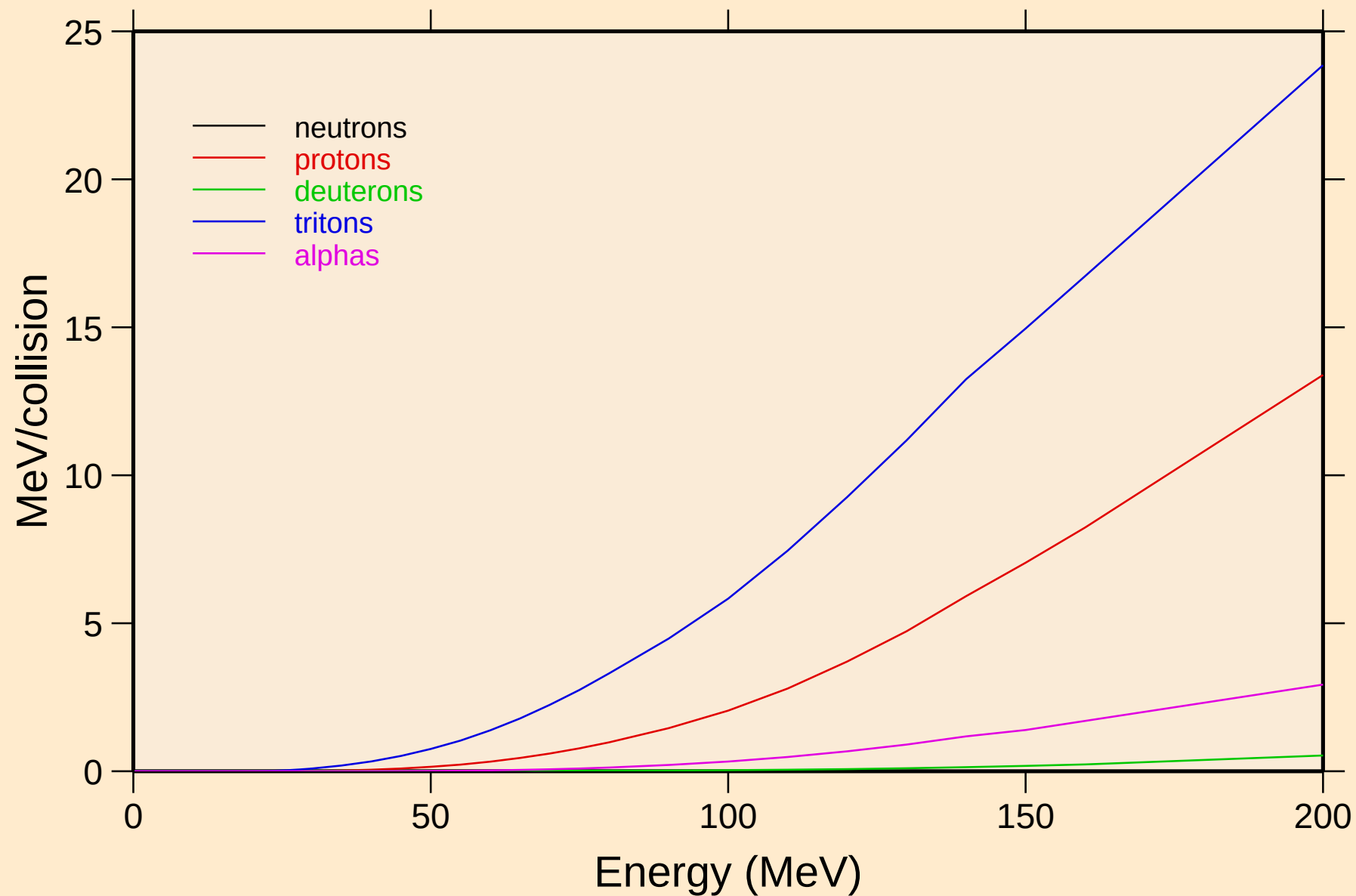


YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



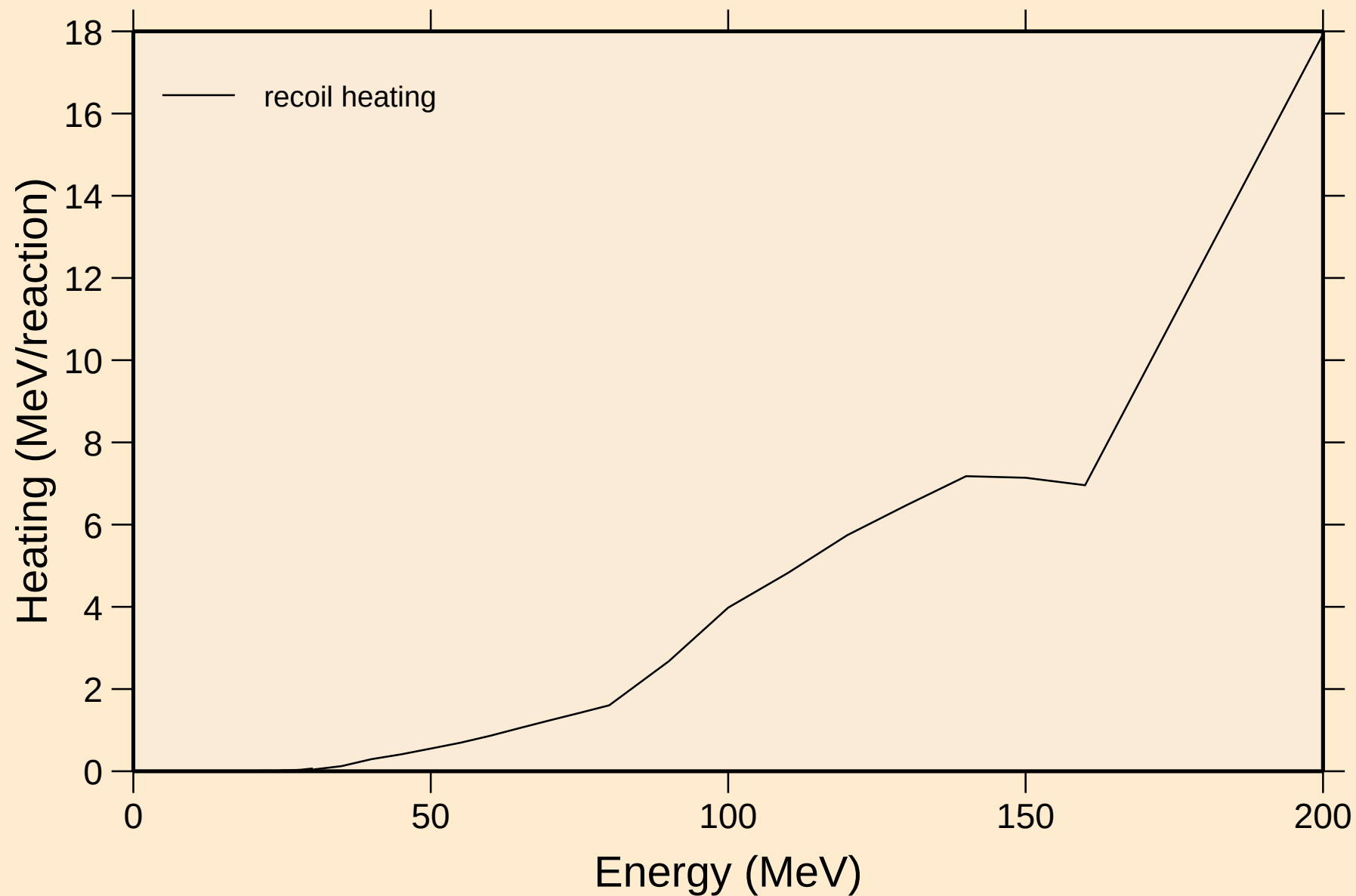
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



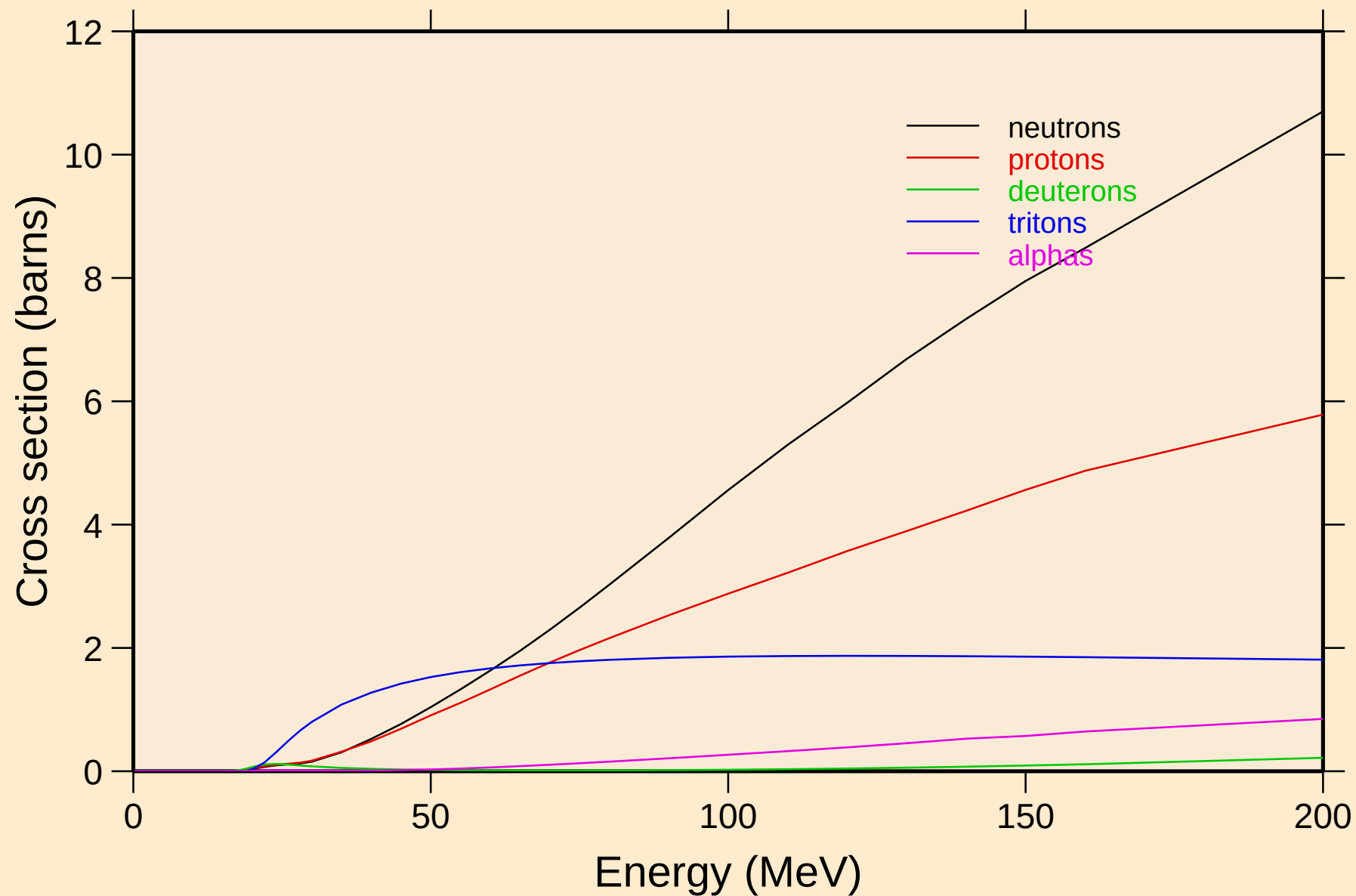
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

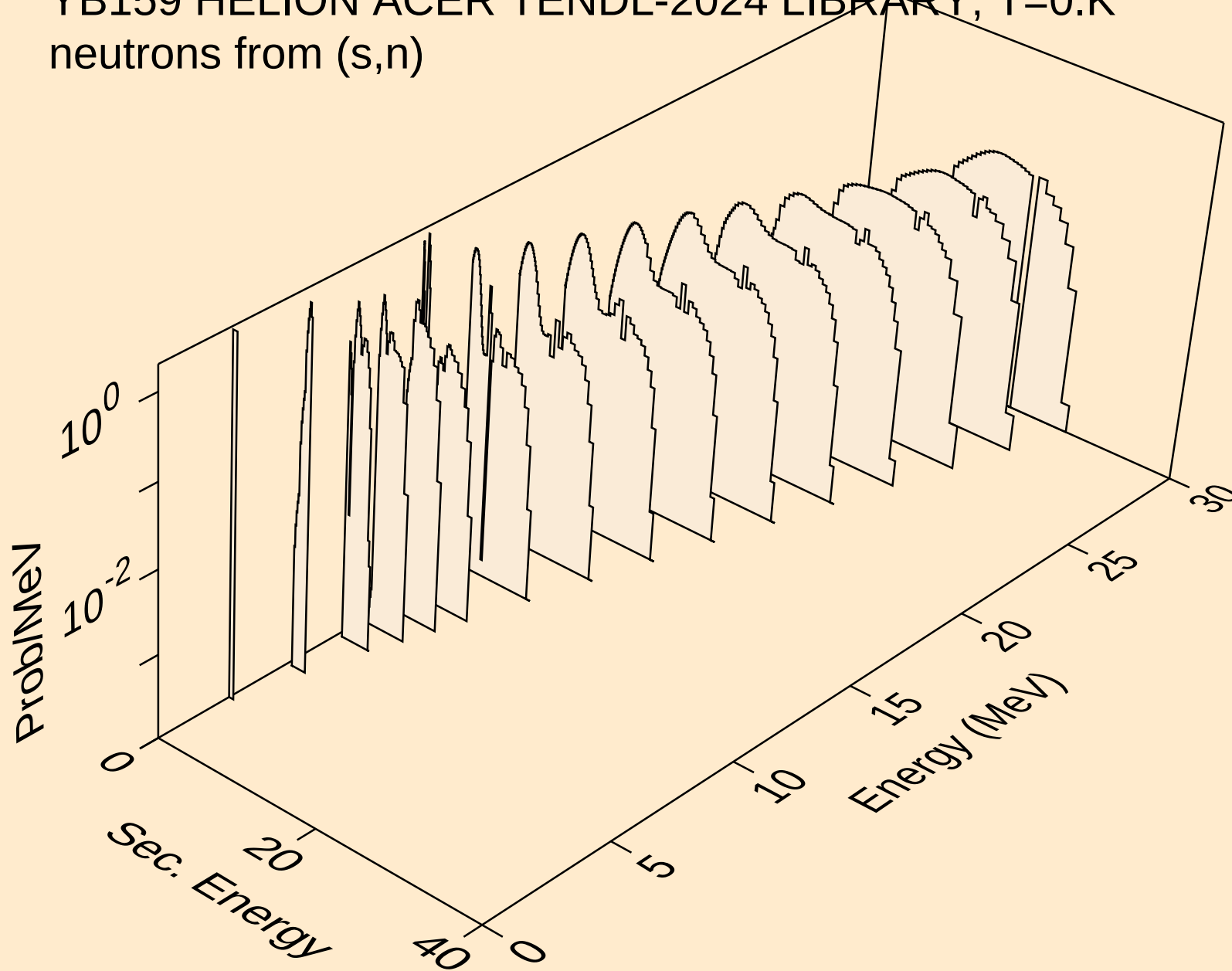


YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K

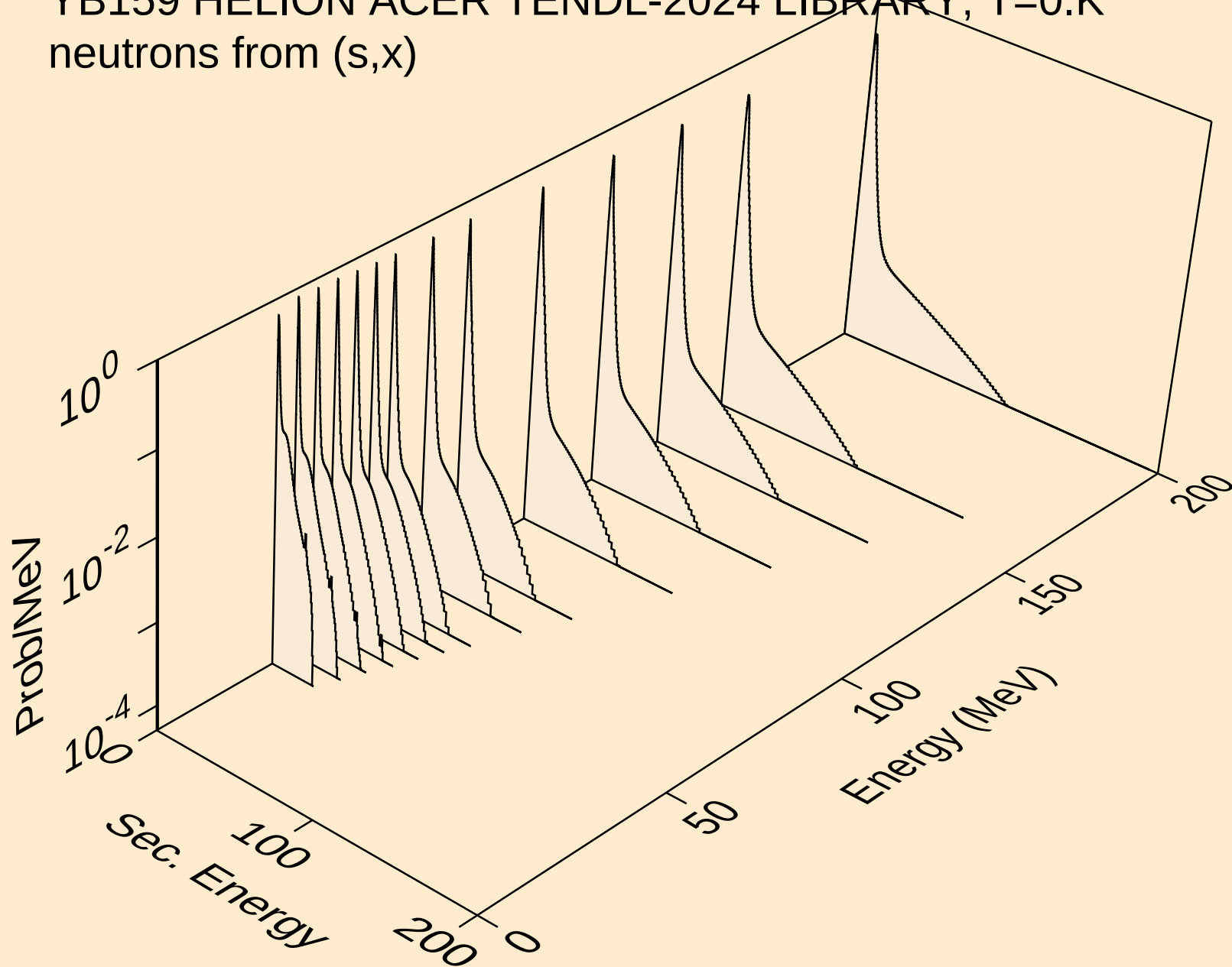
Particle production cross sections



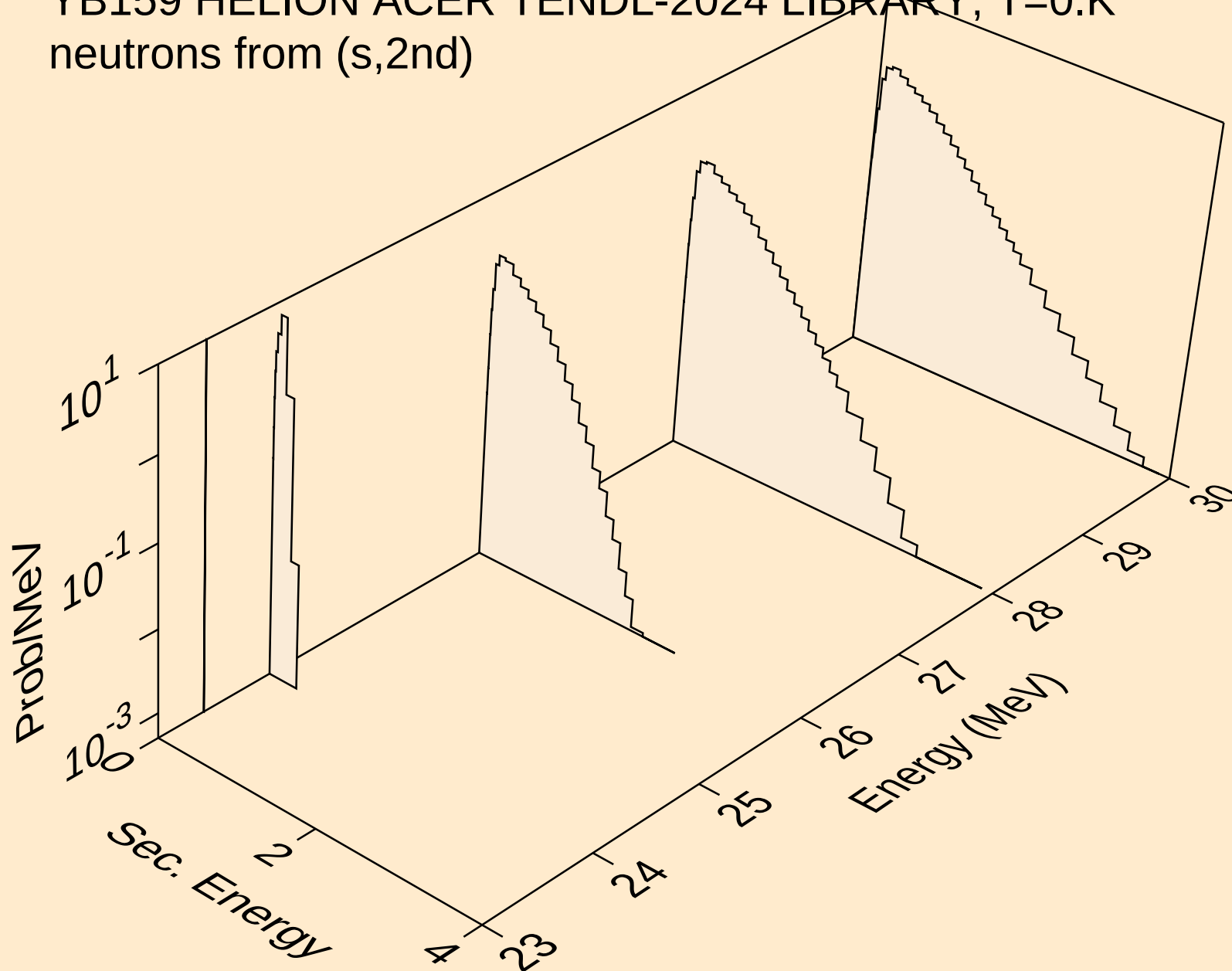
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n)



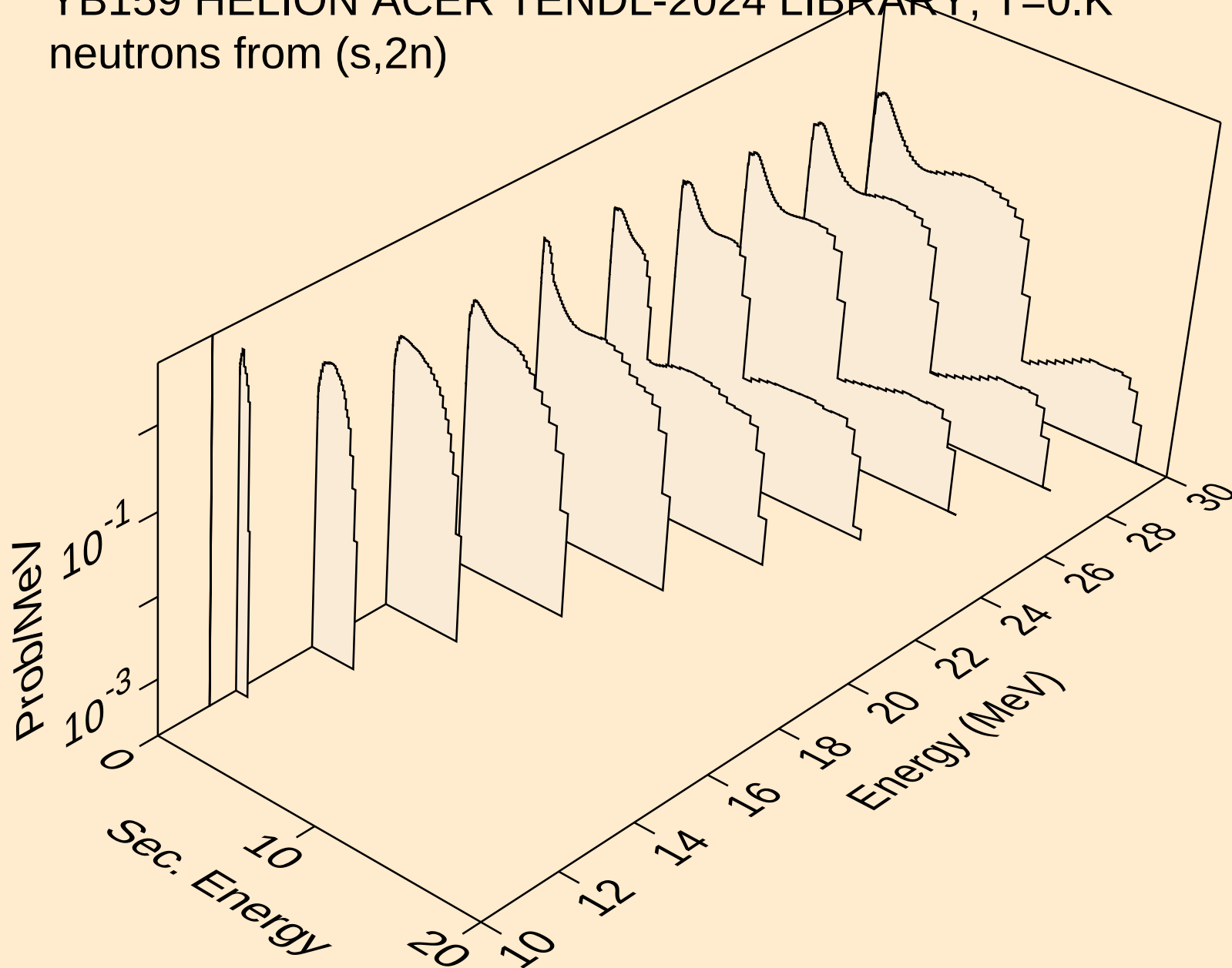
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,x)



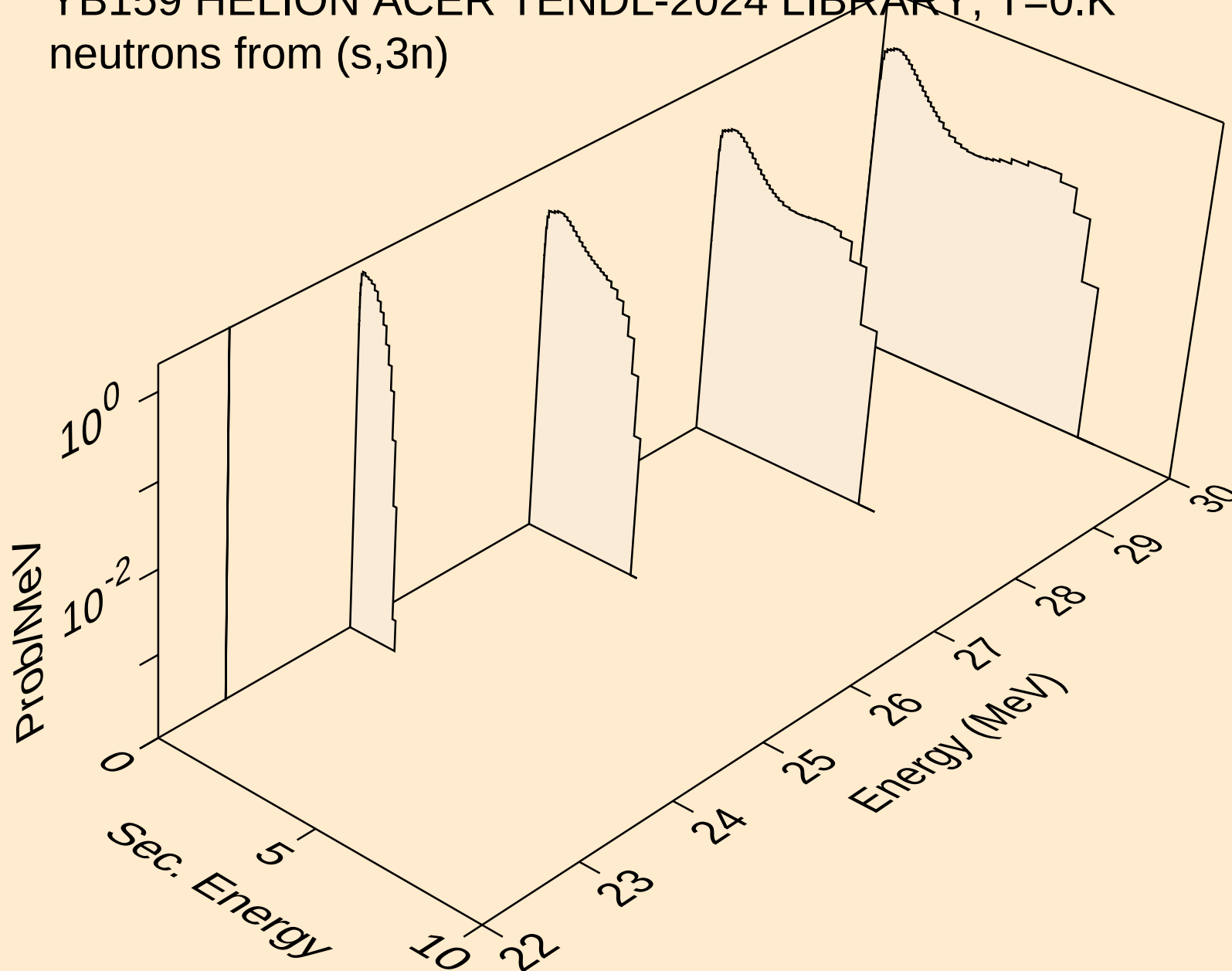
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neutrons from (s,2nd)



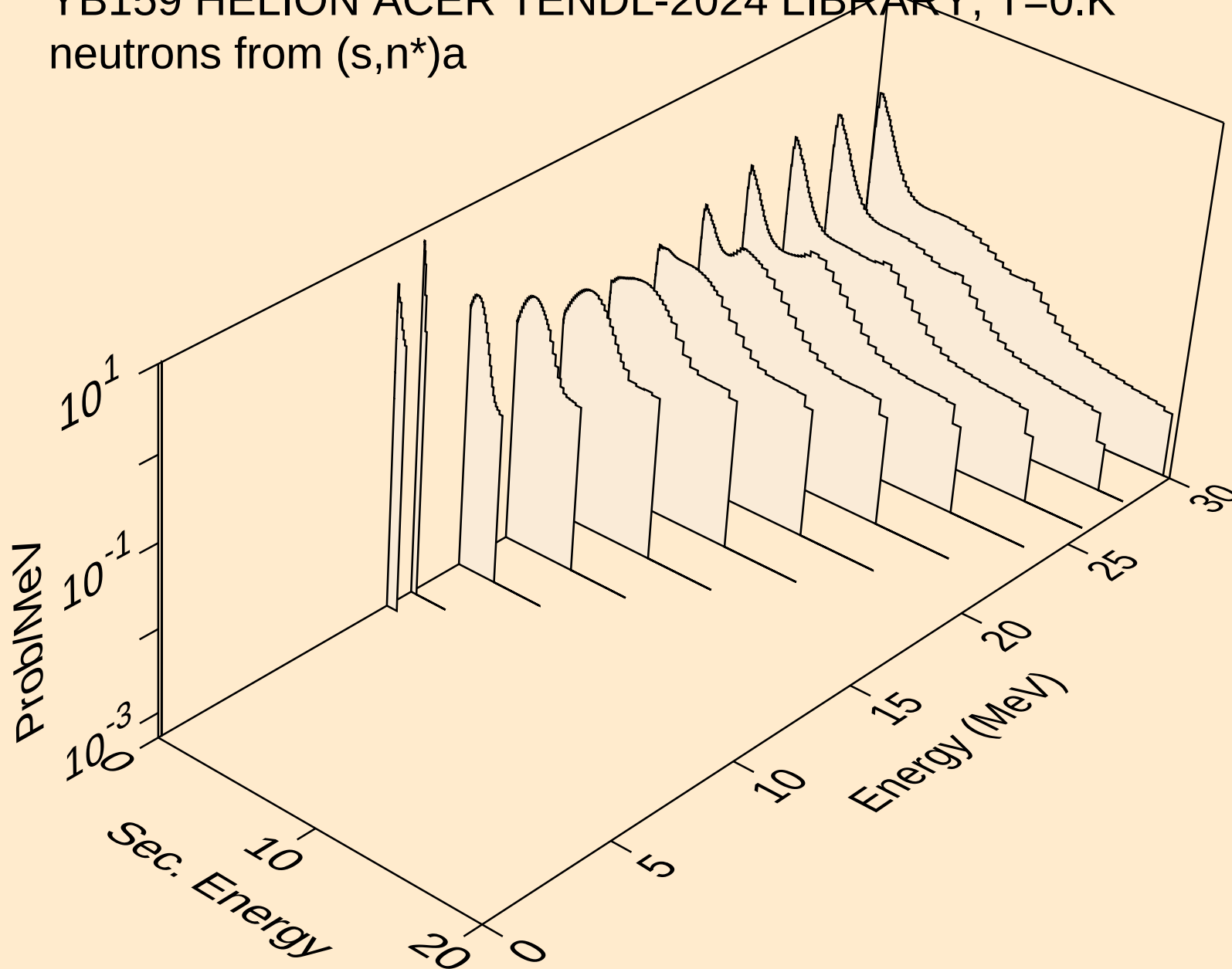
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)



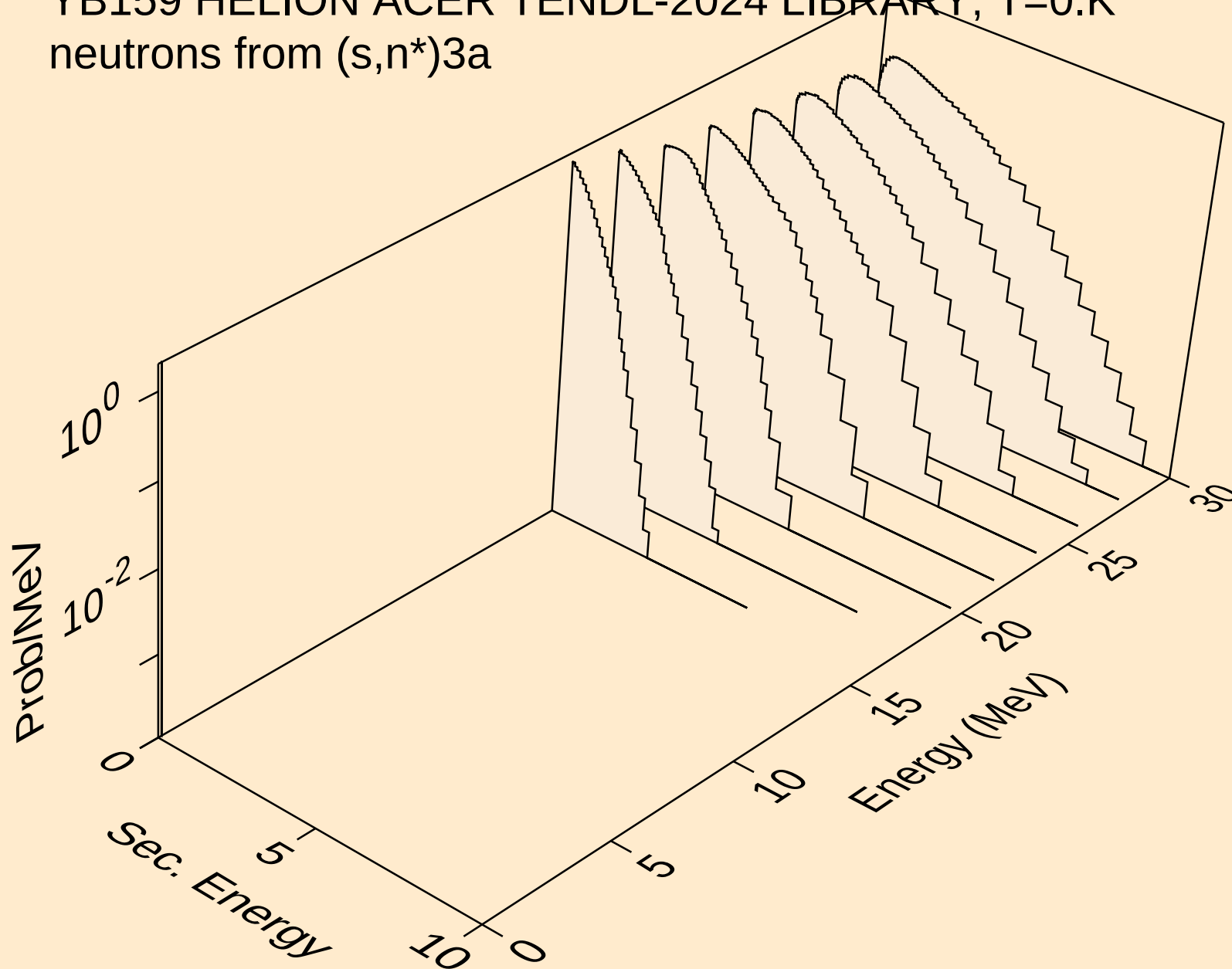
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3n)



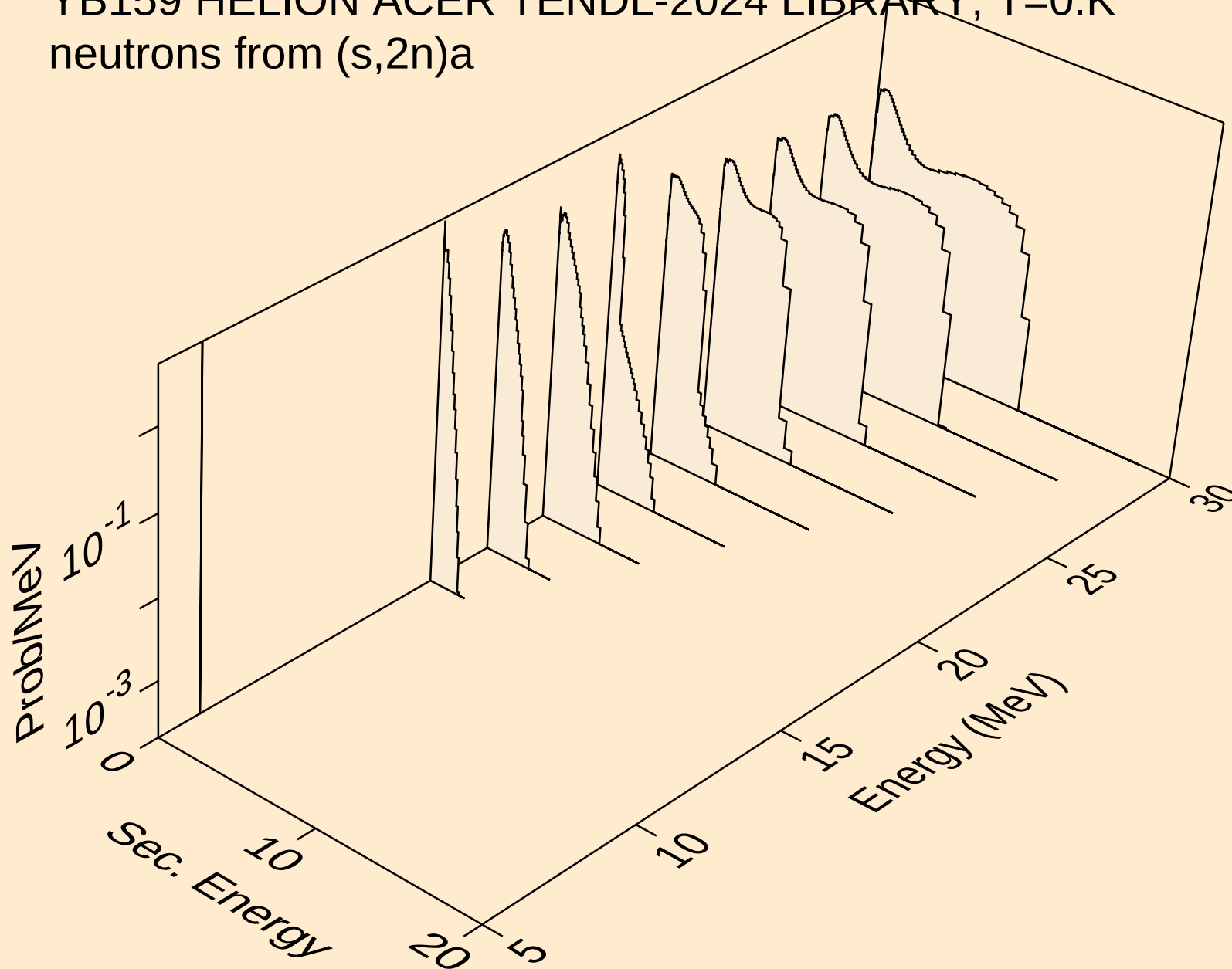
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)a



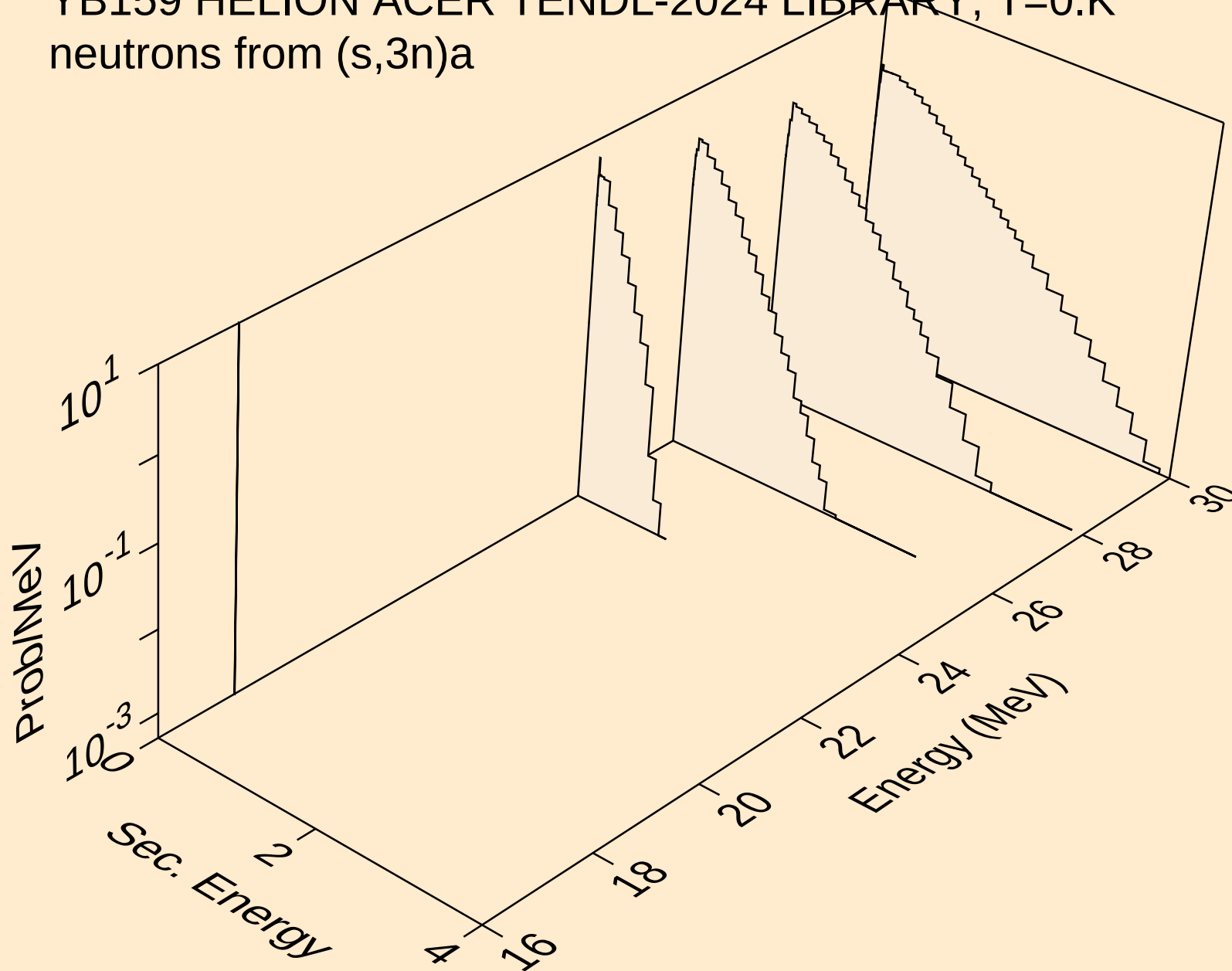
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neutrons from (s,n*)3a



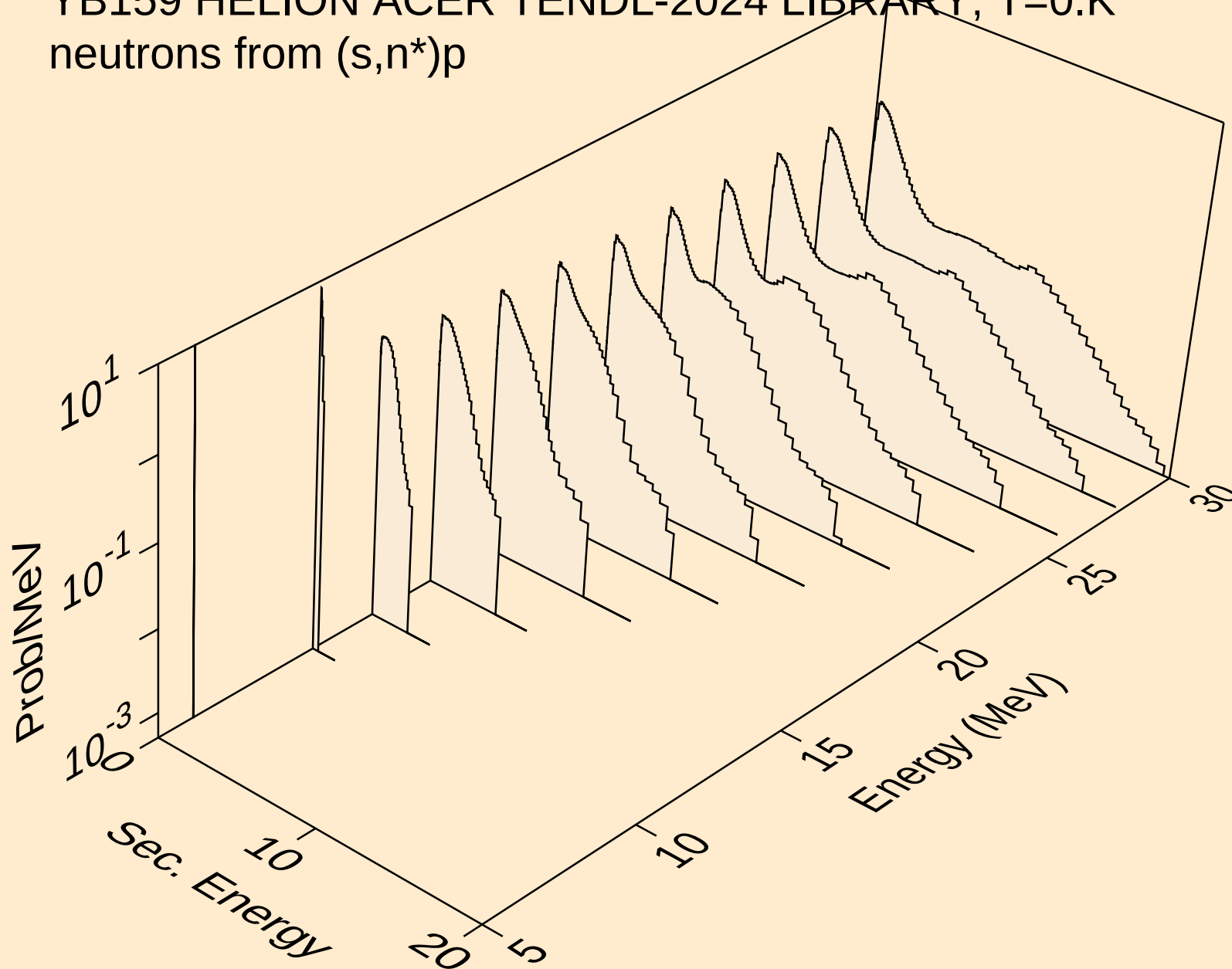
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neutrons from (s,2n)a



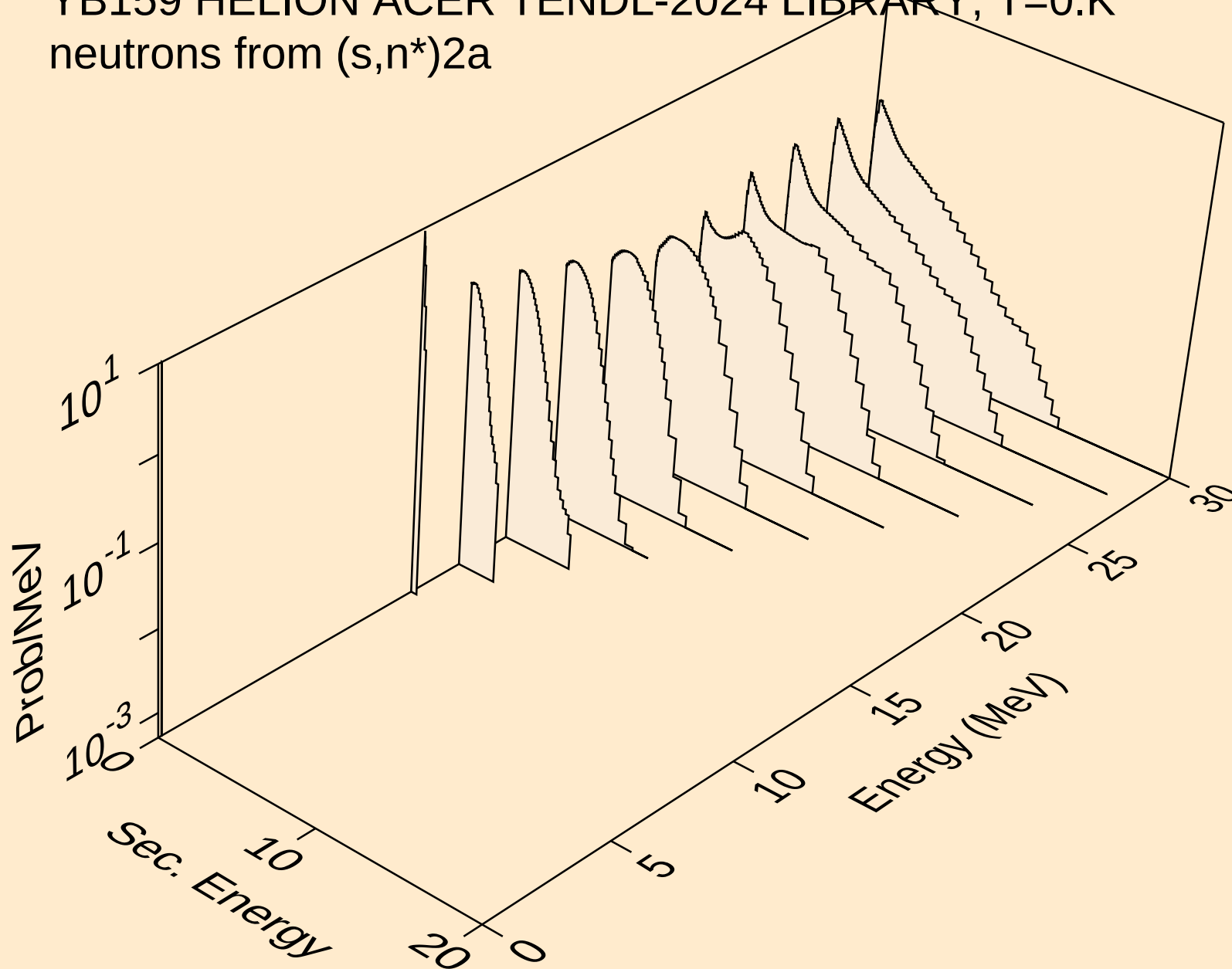
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neutrons from (s,3n)a



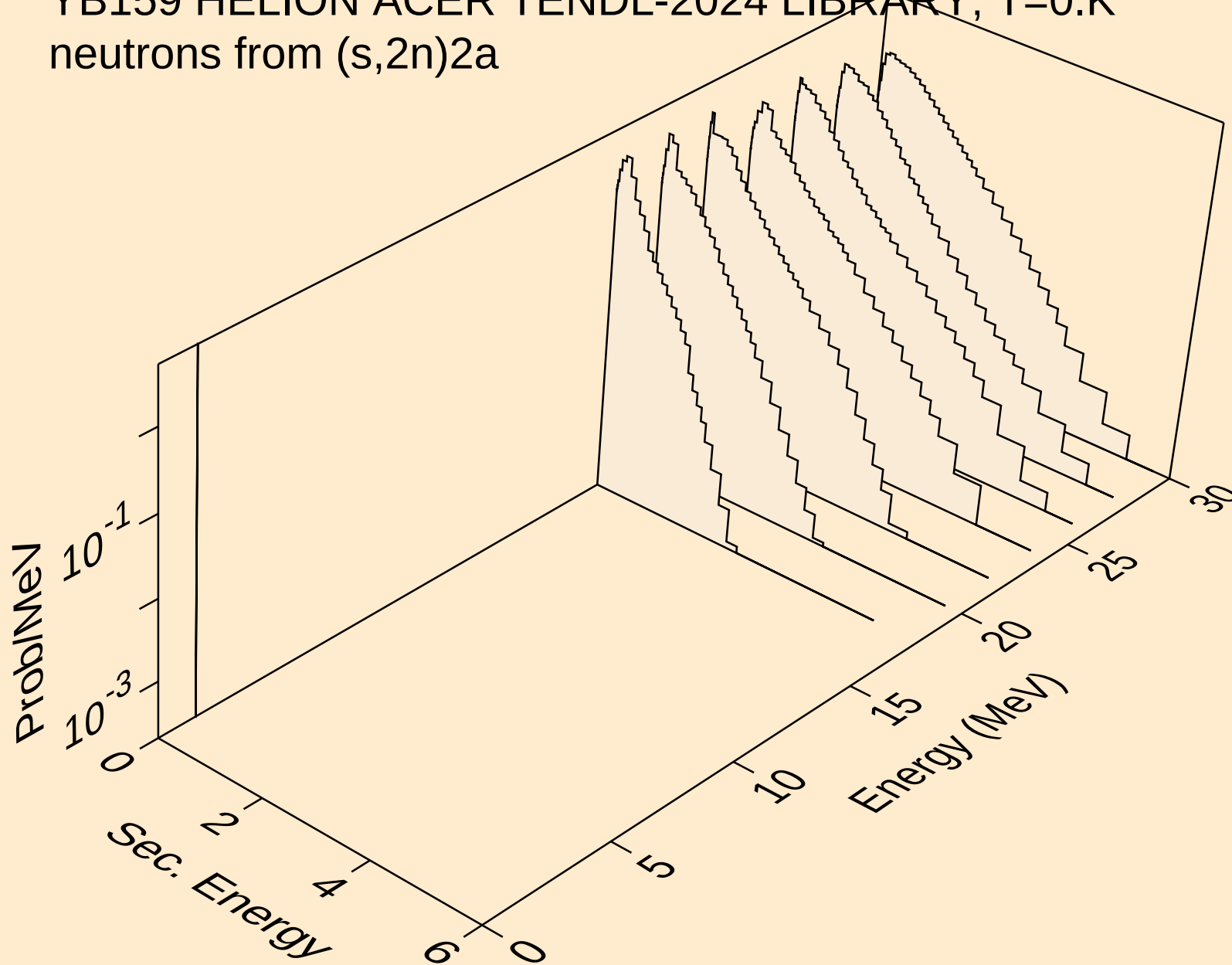
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)p



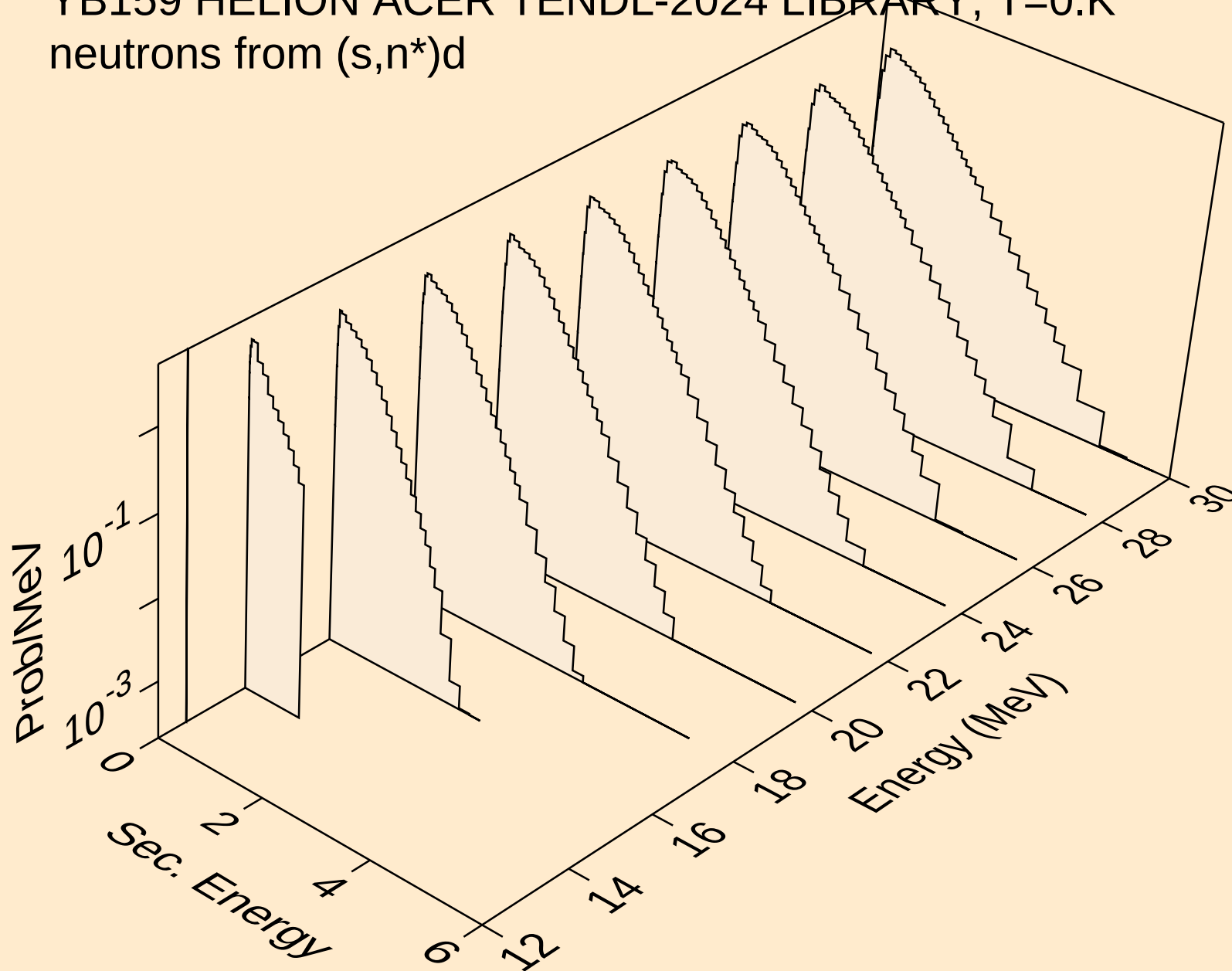
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)2a



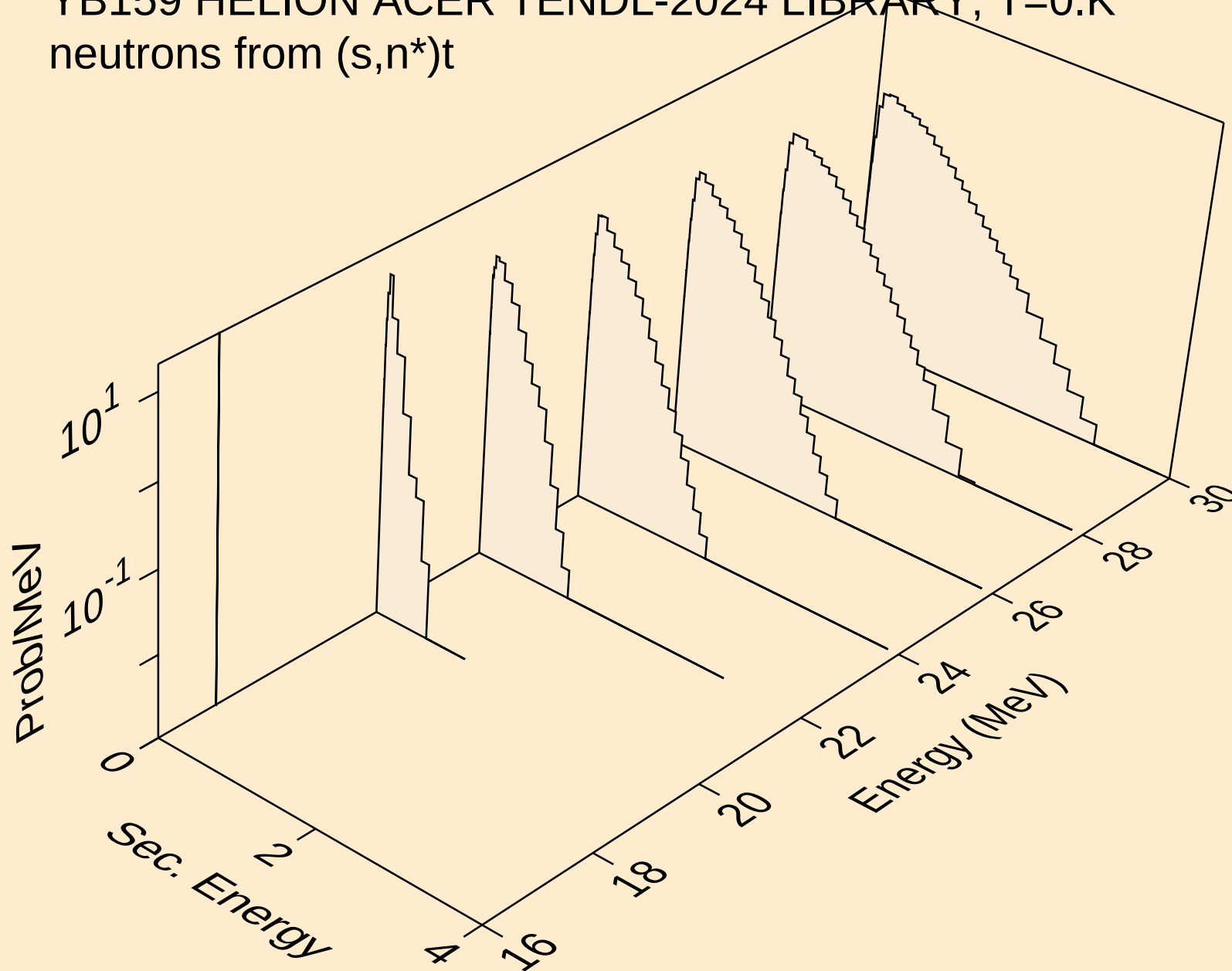
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neutrons from (s,2n)2a



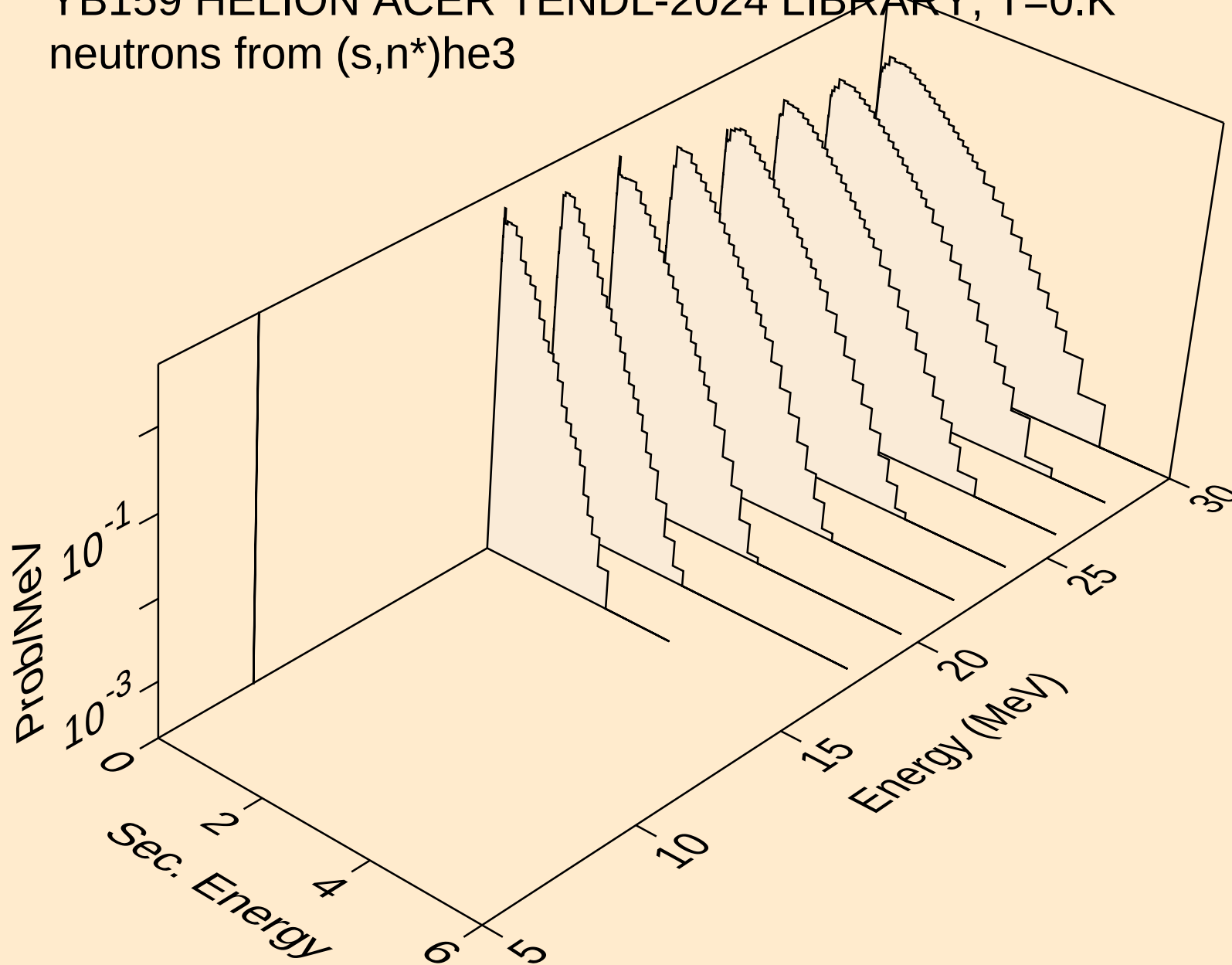
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)d



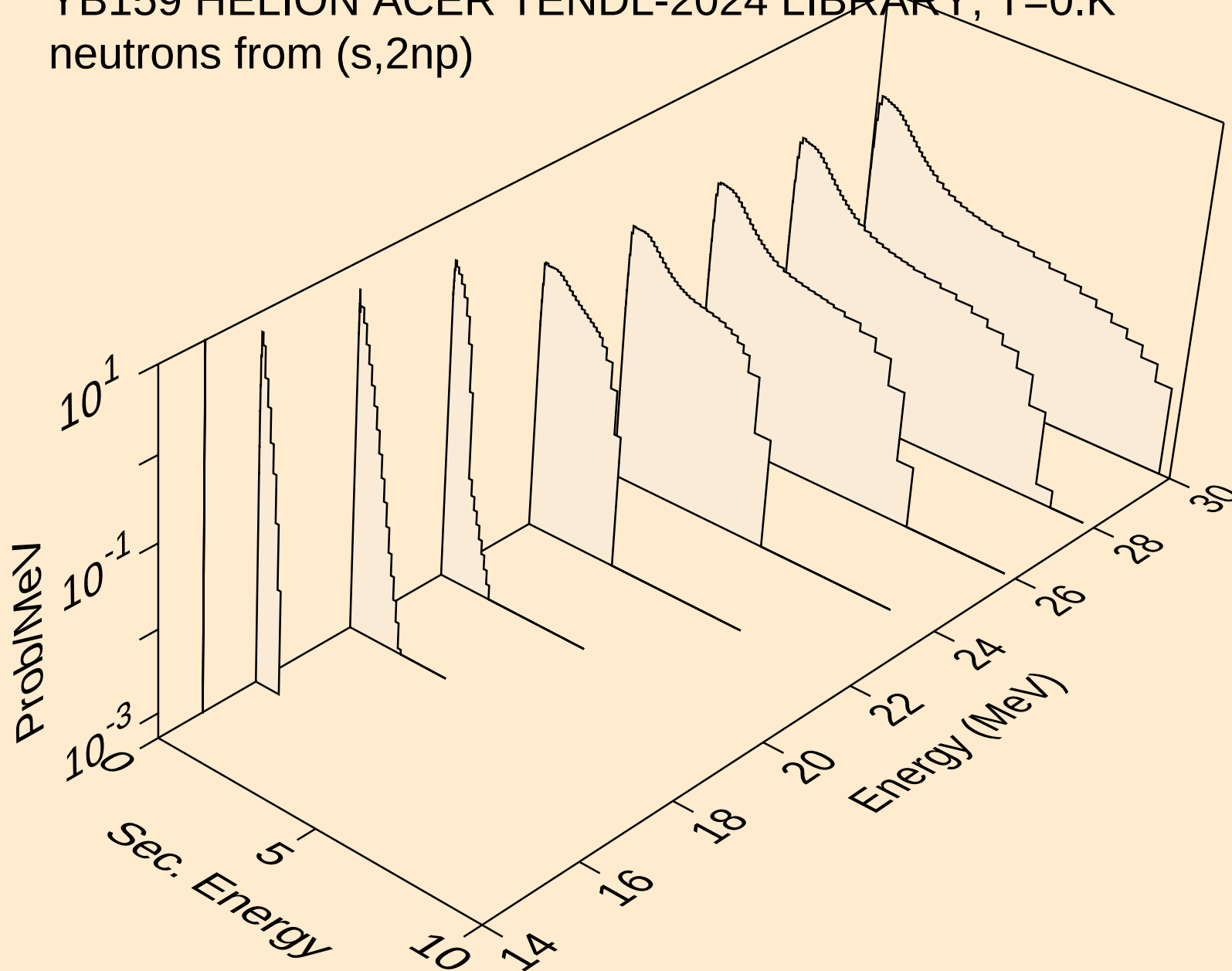
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)t



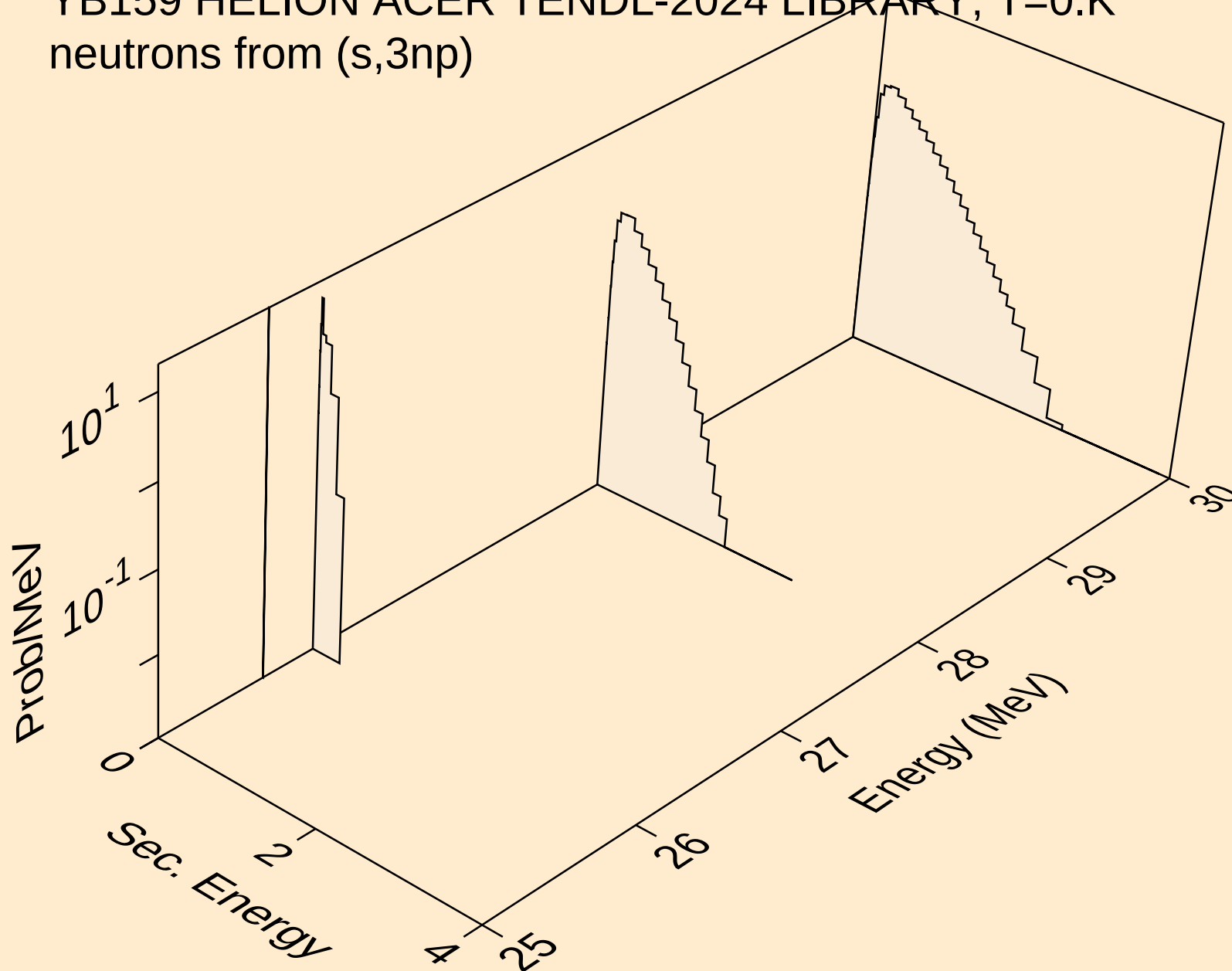
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neutrons from (s,n*)he3



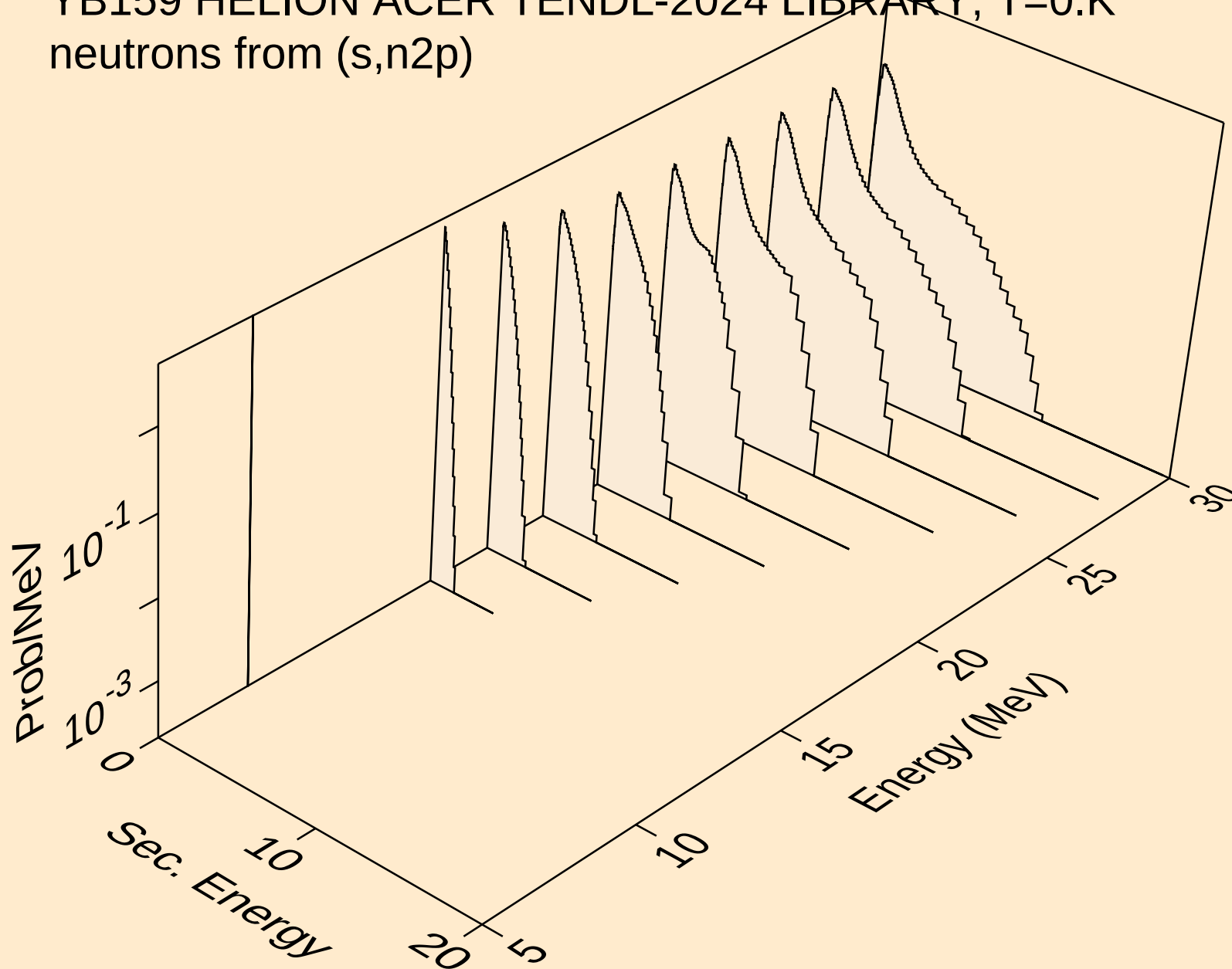
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neutrons from (s,2np)



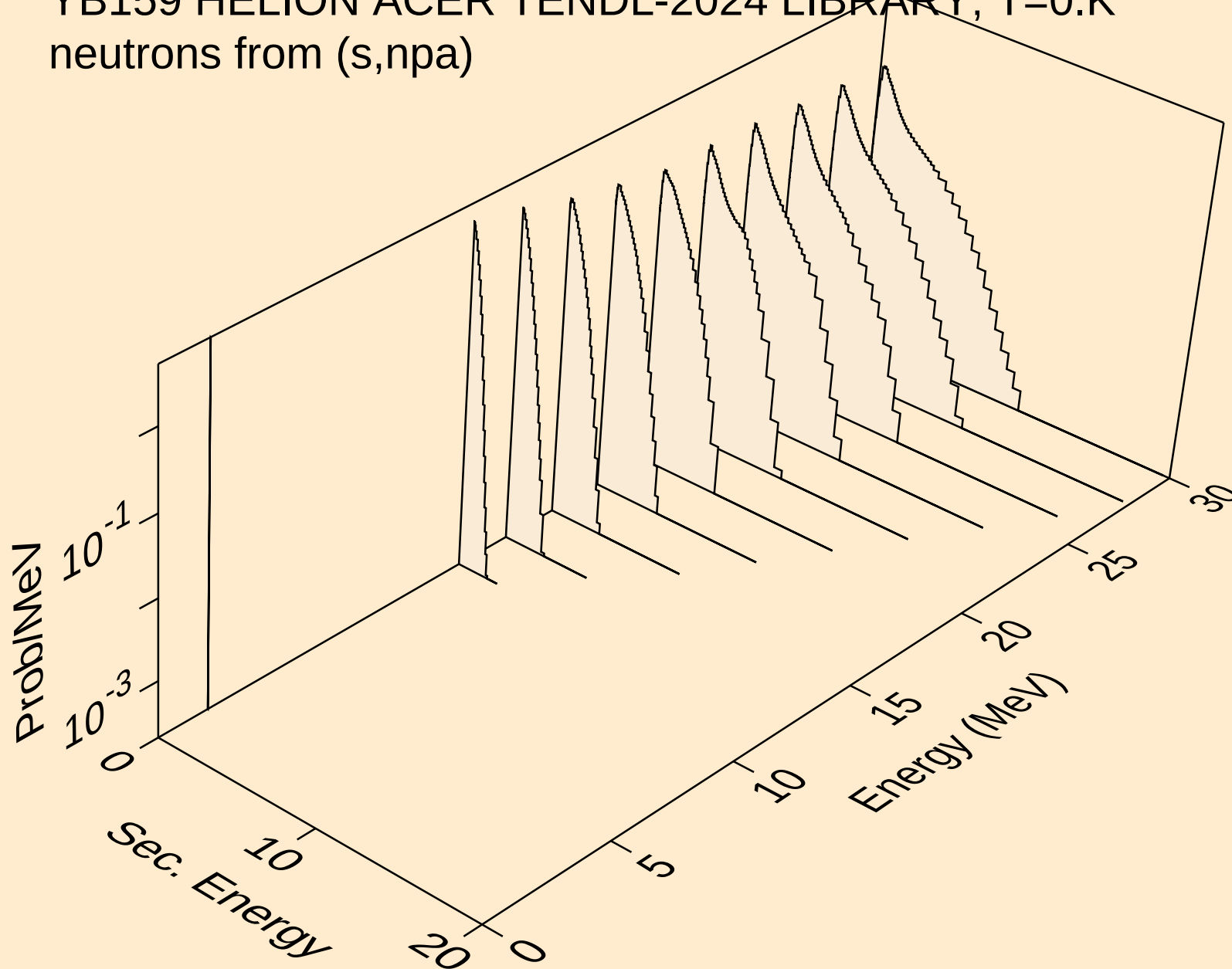
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neutrons from (s,3np)



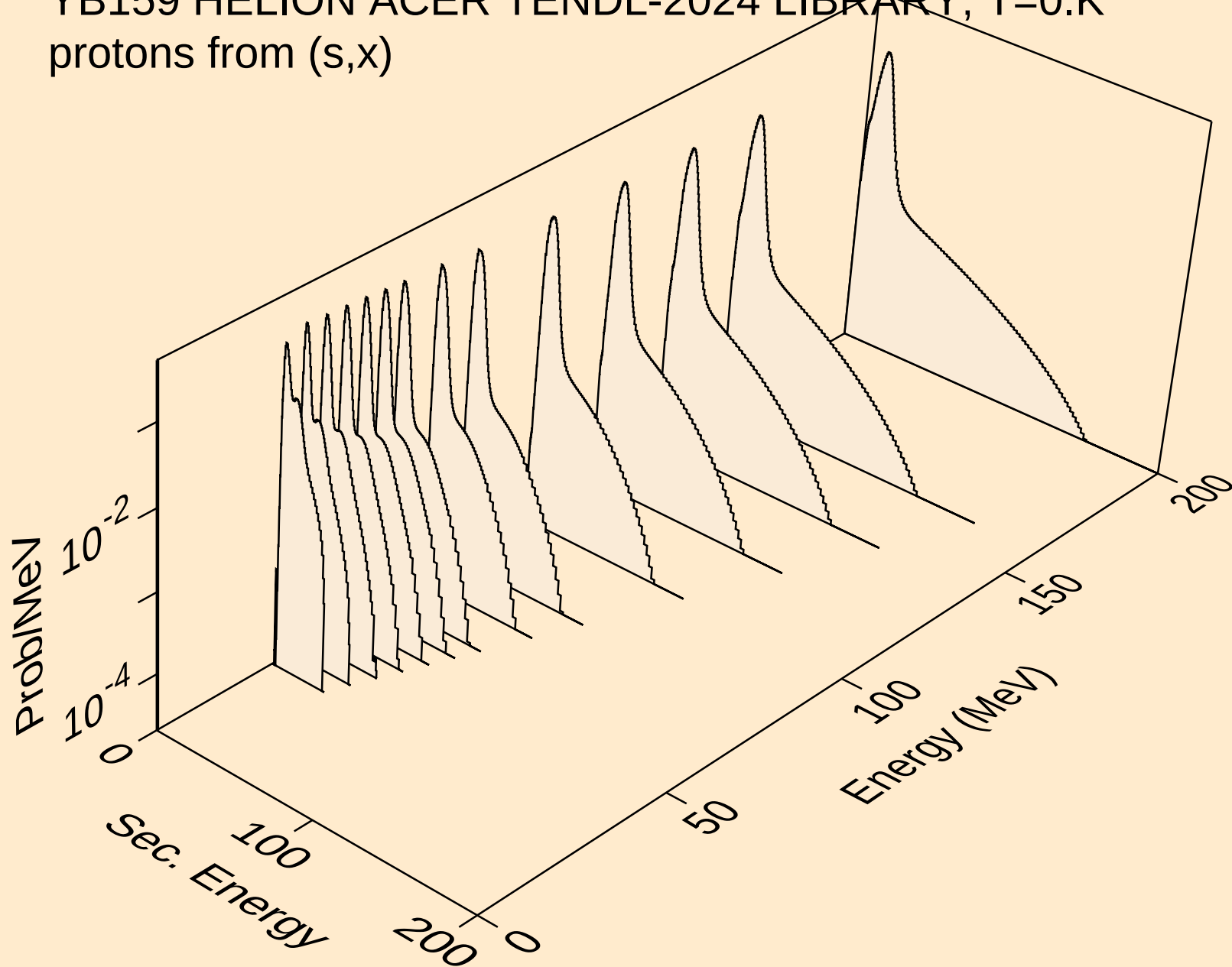
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neutrons from (s,n2p)



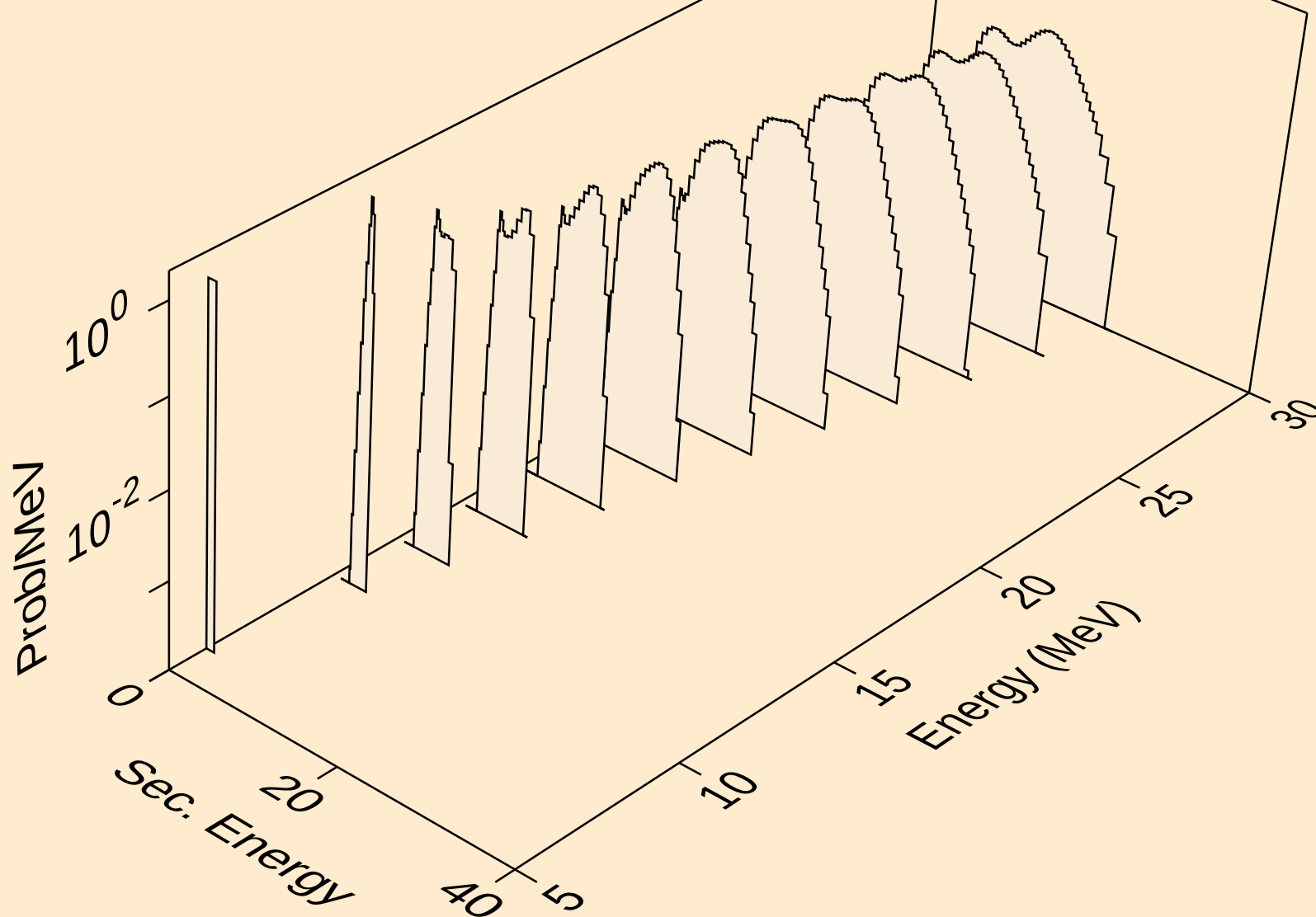
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neutrons from (s,npa)



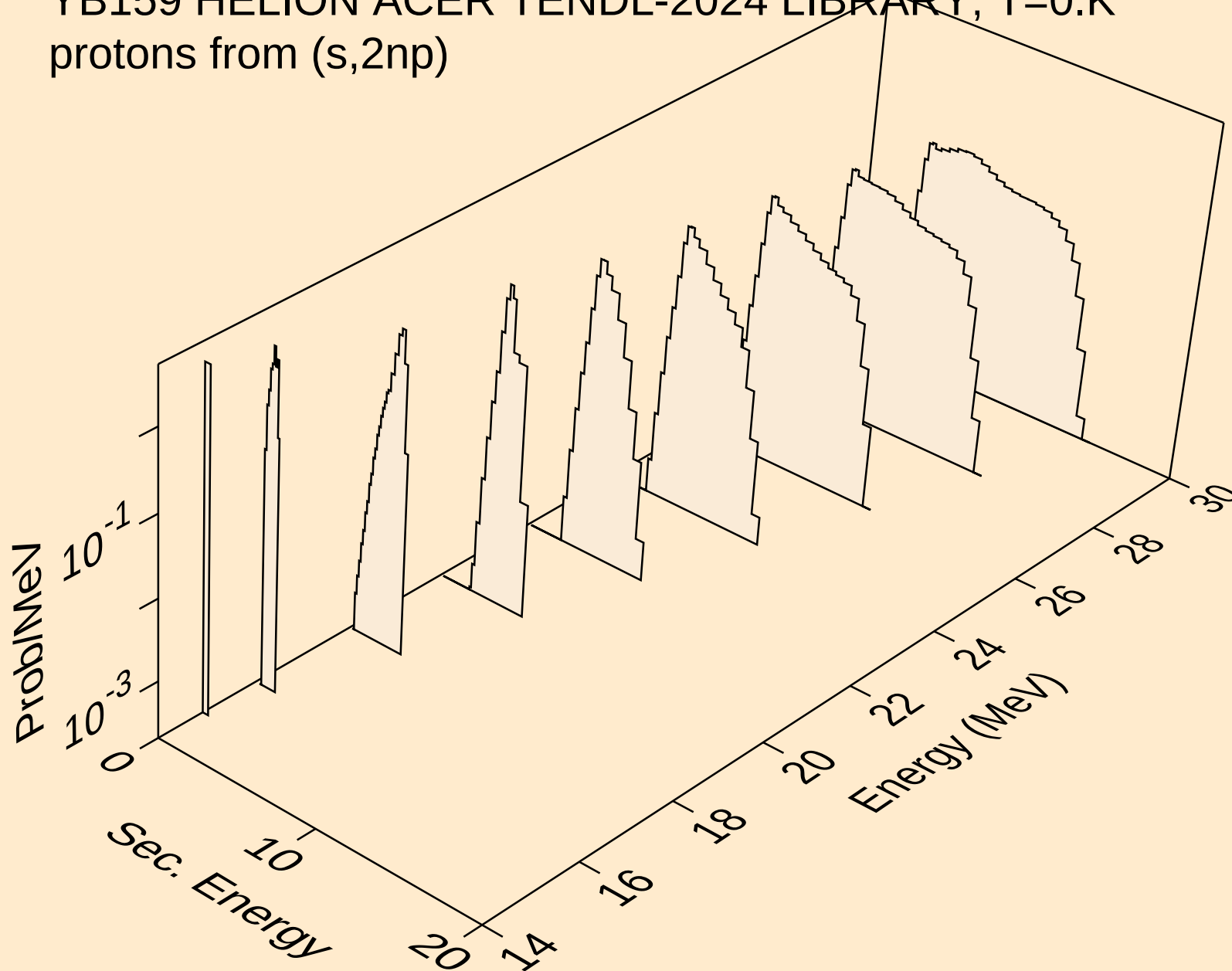
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protons from (s,x)



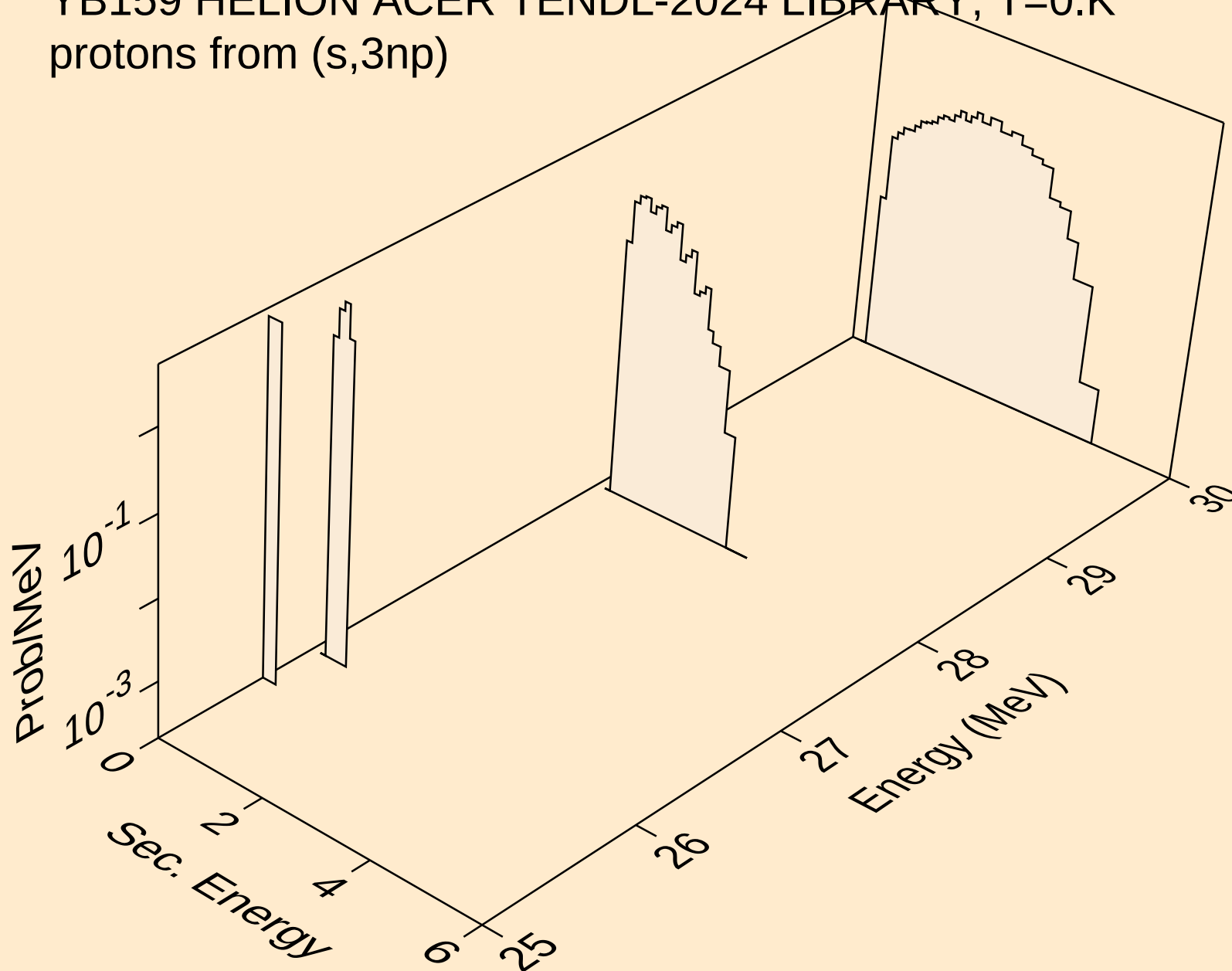
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protons from (s,n*)p



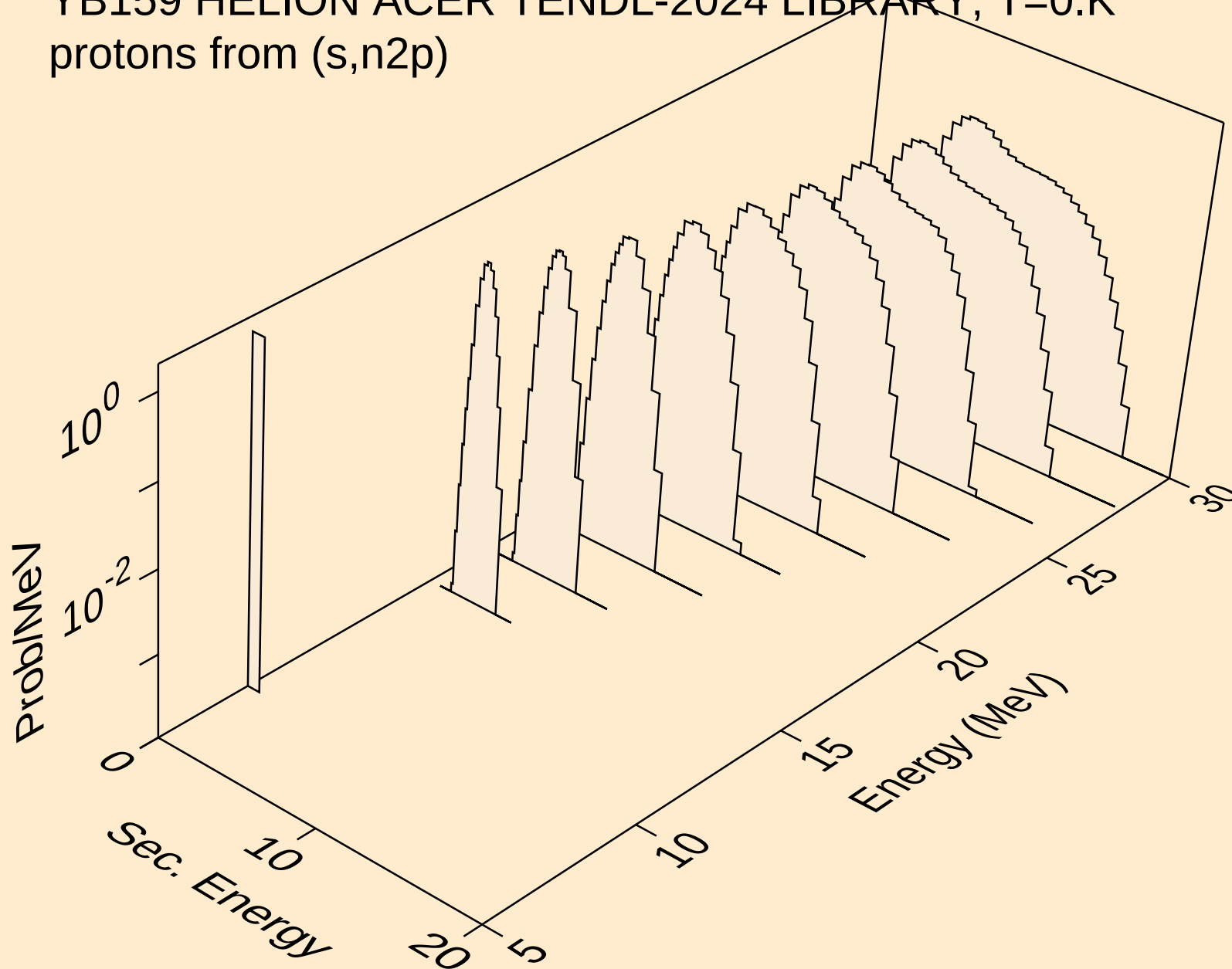
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protons from (s,2np)



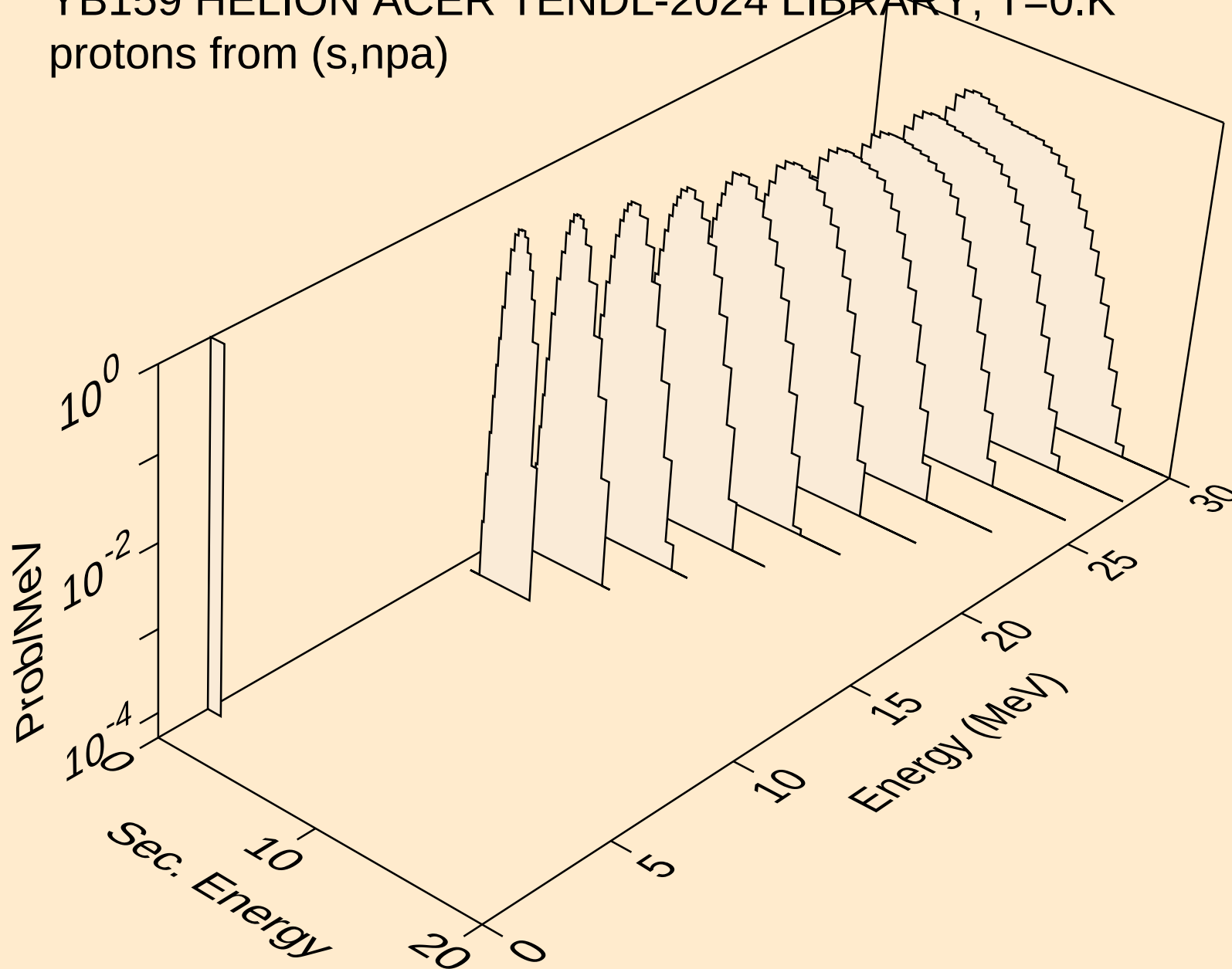
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protons from (s,3np)



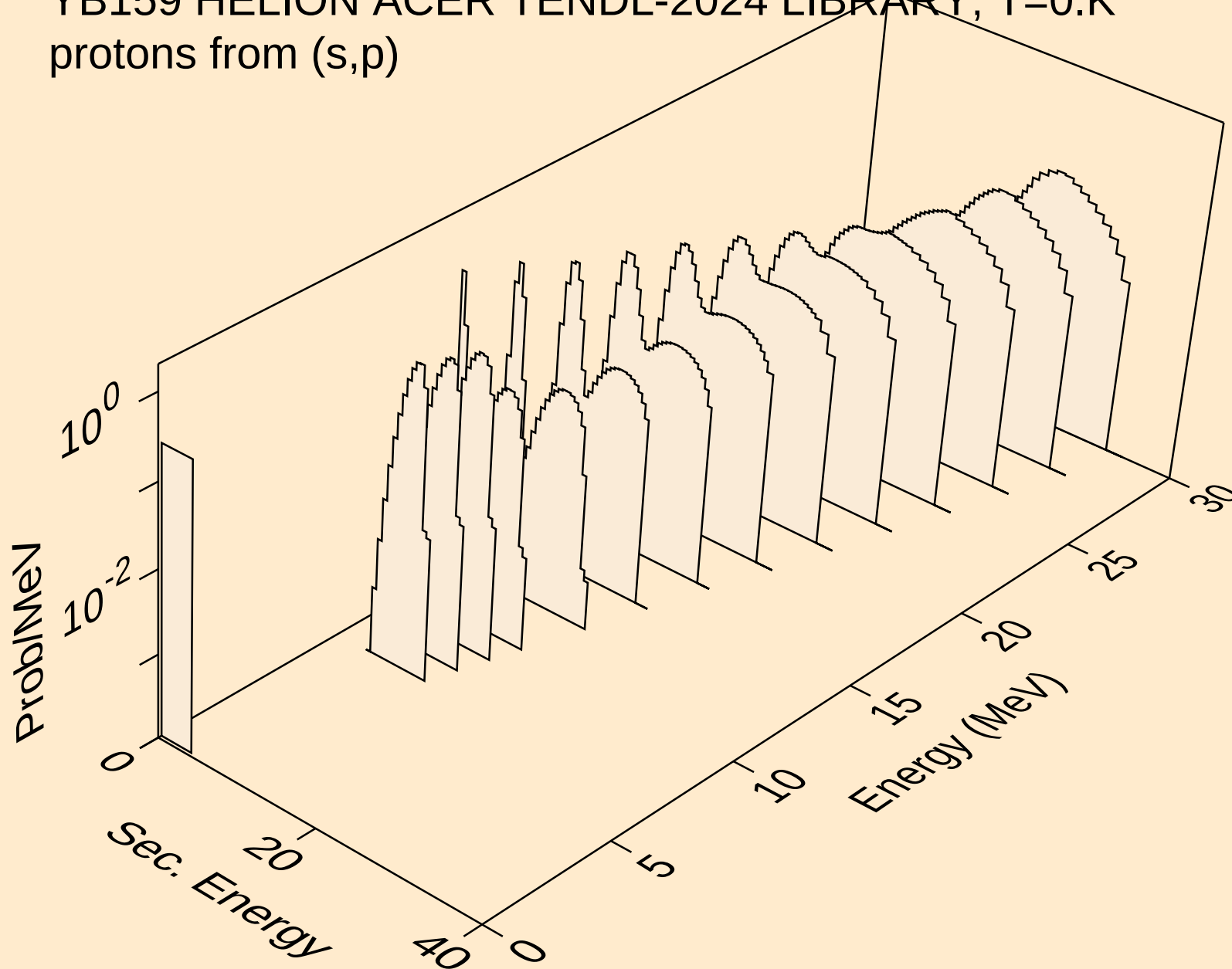
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protons from (s,n2p)



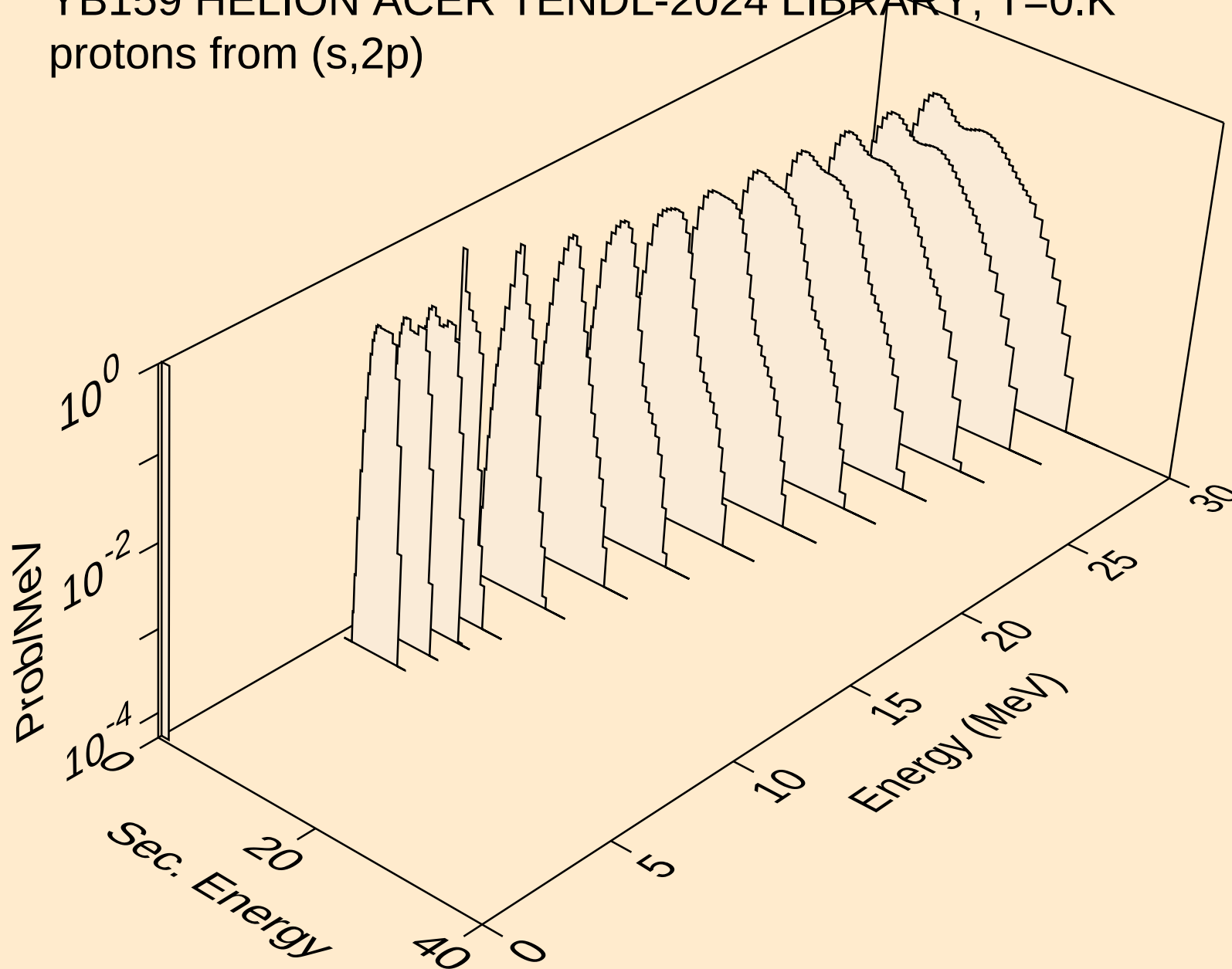
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protons from (s,npa)



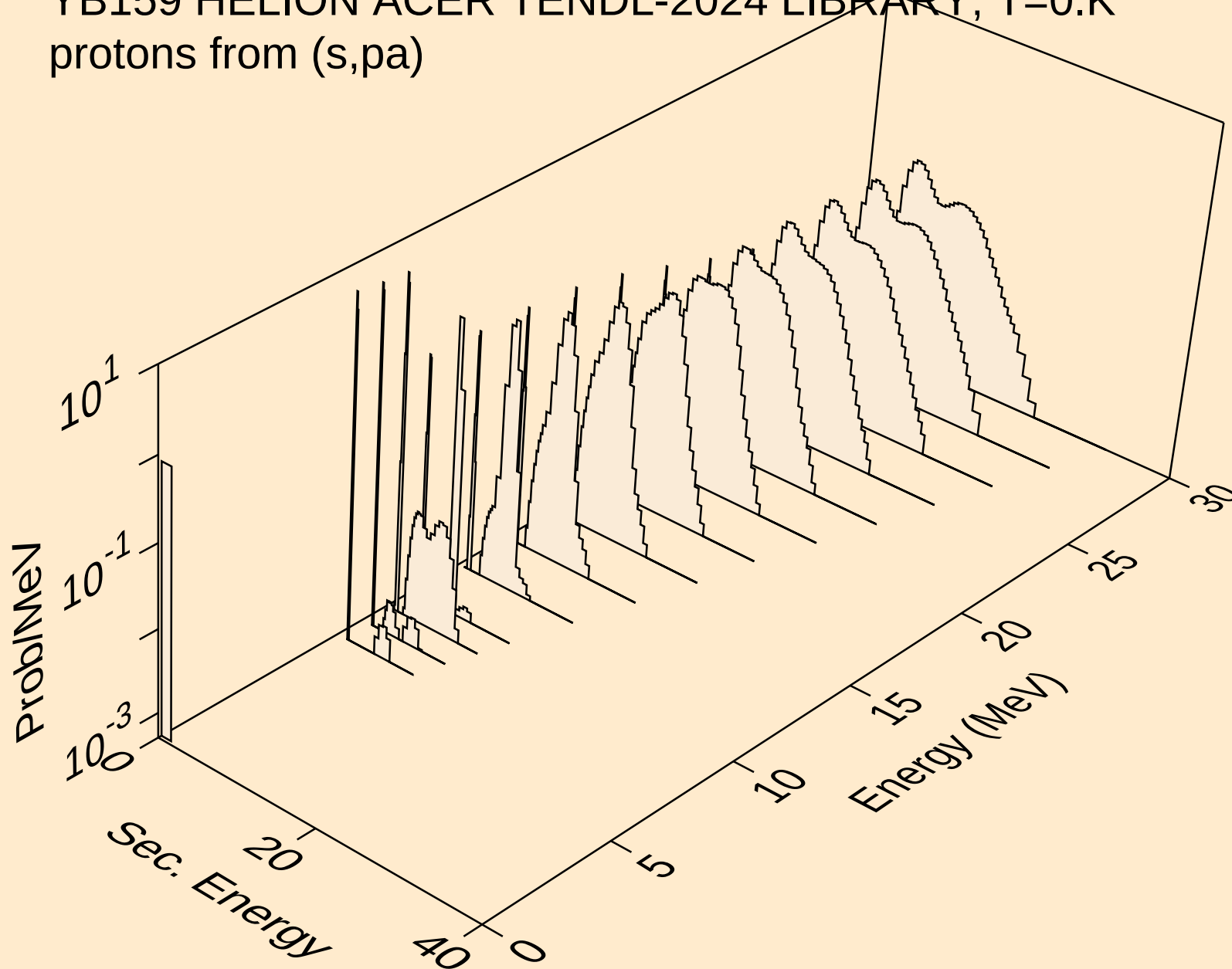
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protons from (s,p)



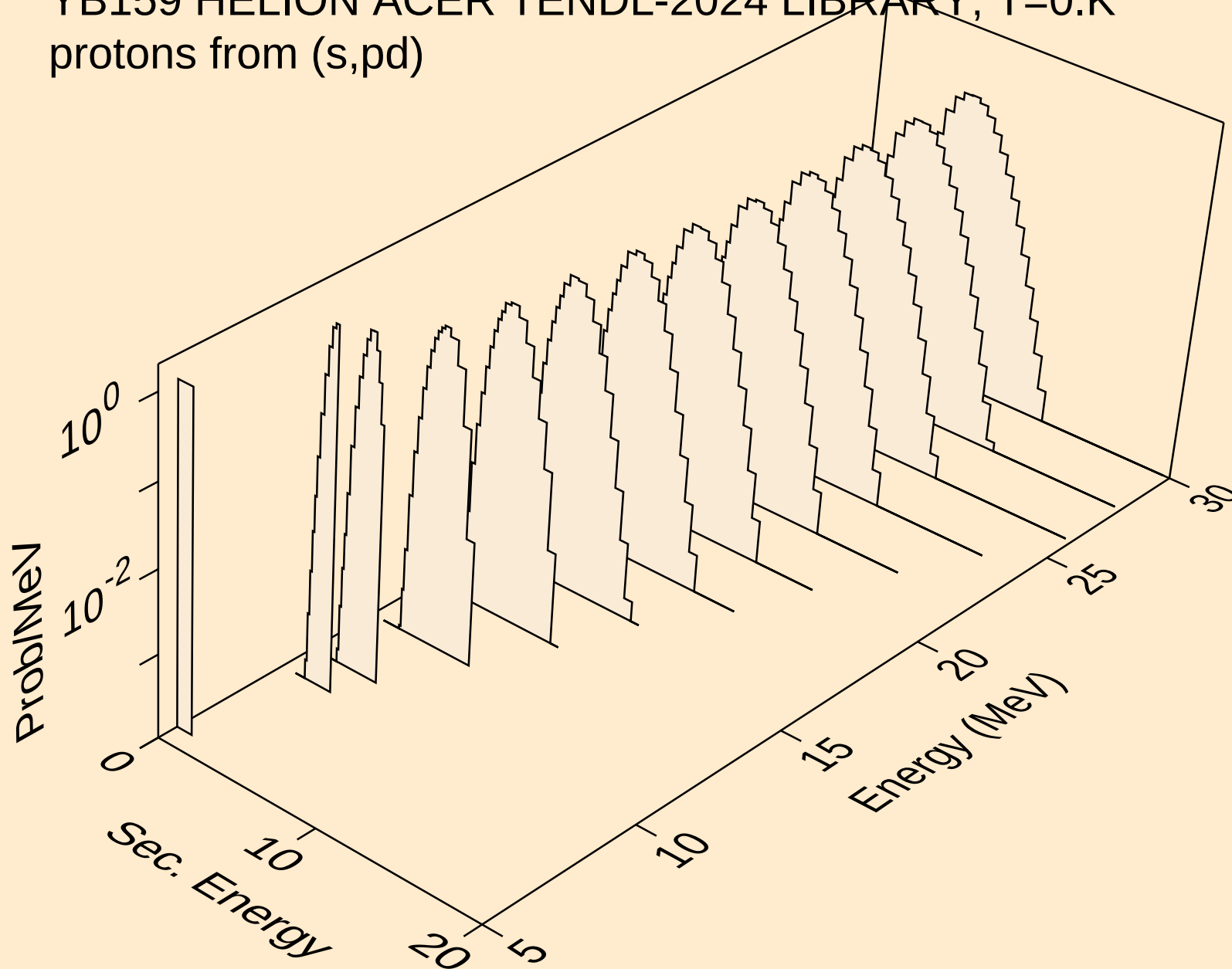
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protons from (s,2p)



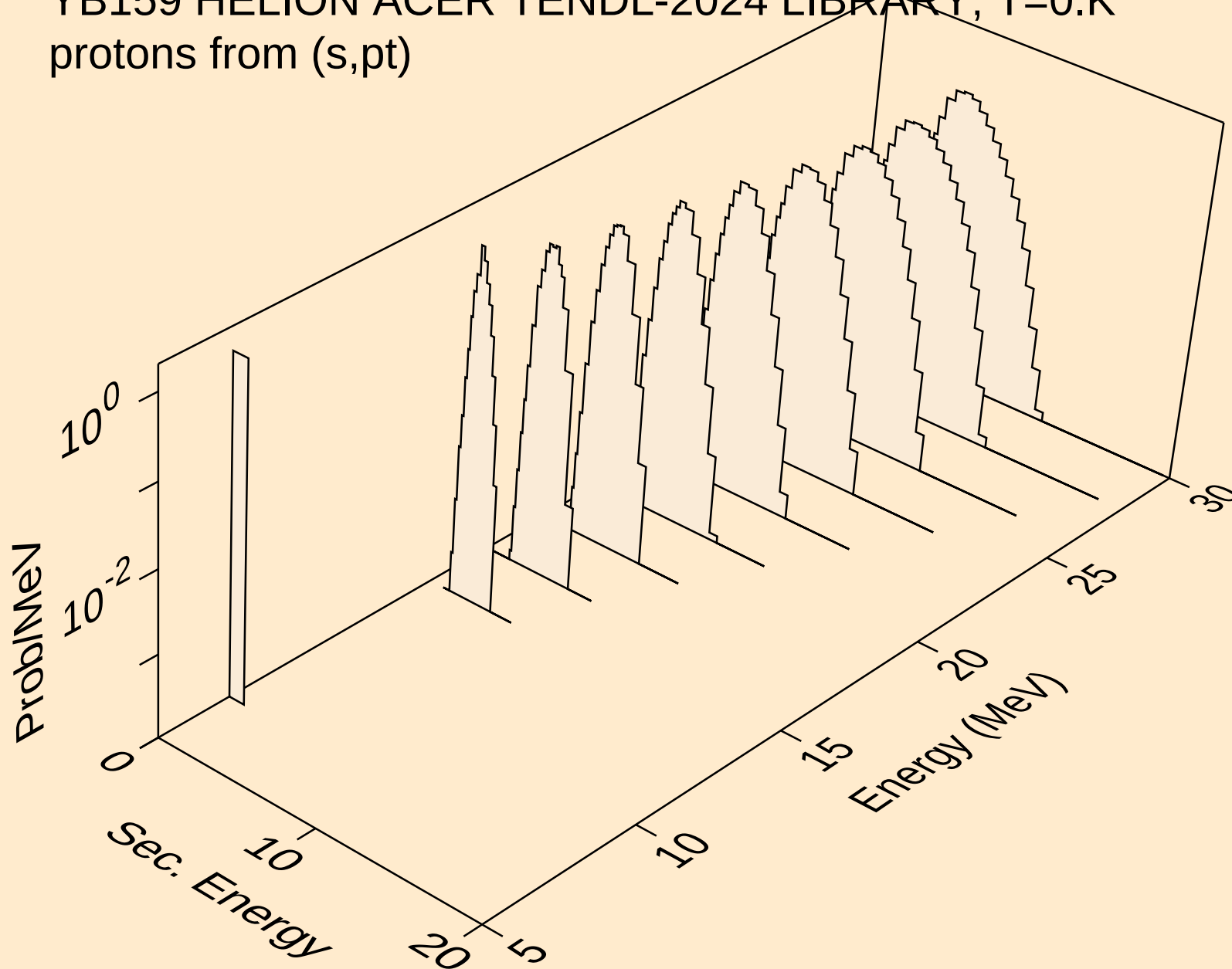
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protons from (s,pa)



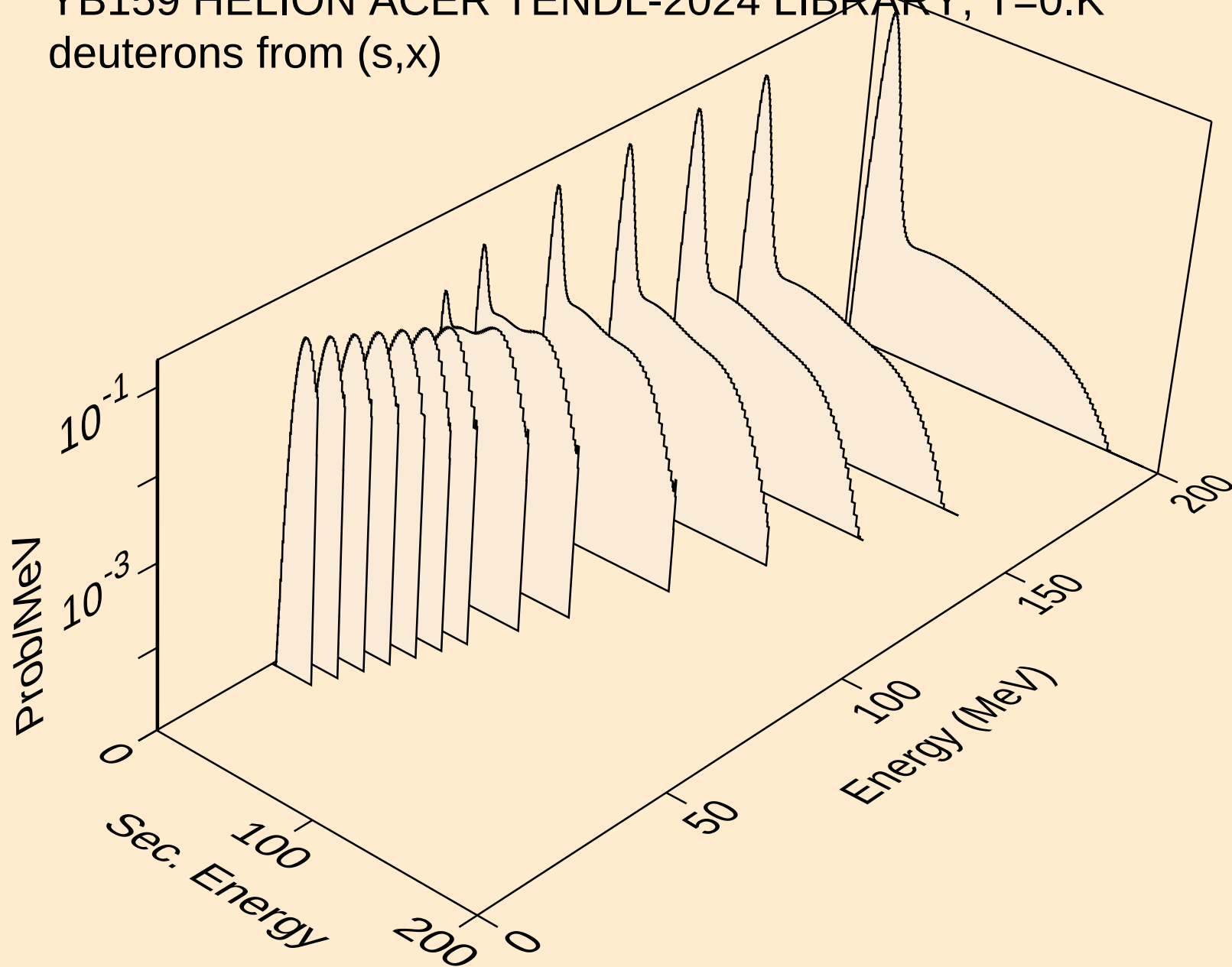
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protons from (s,pd)



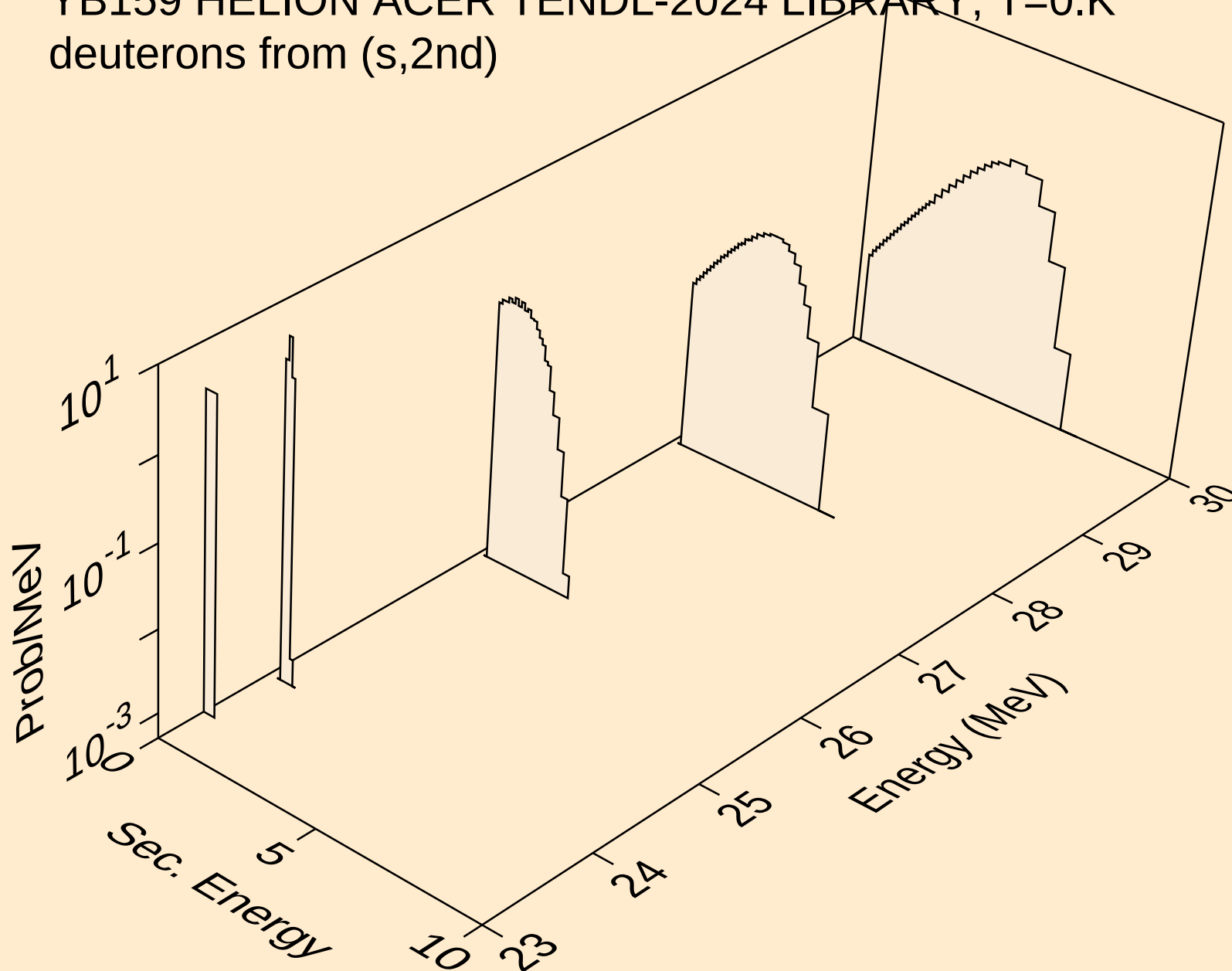
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protons from (s,pt)



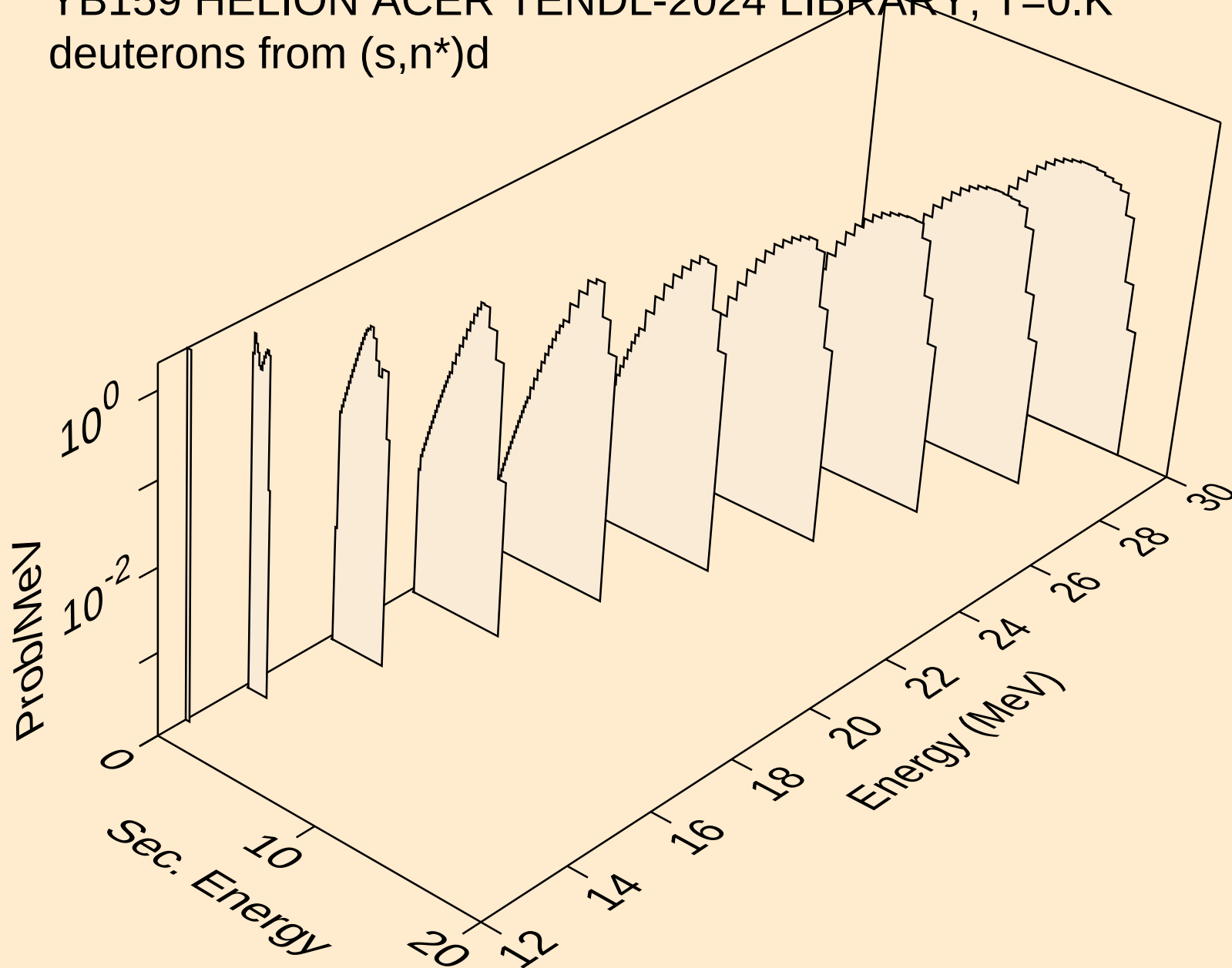
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deuterons from (s,x)



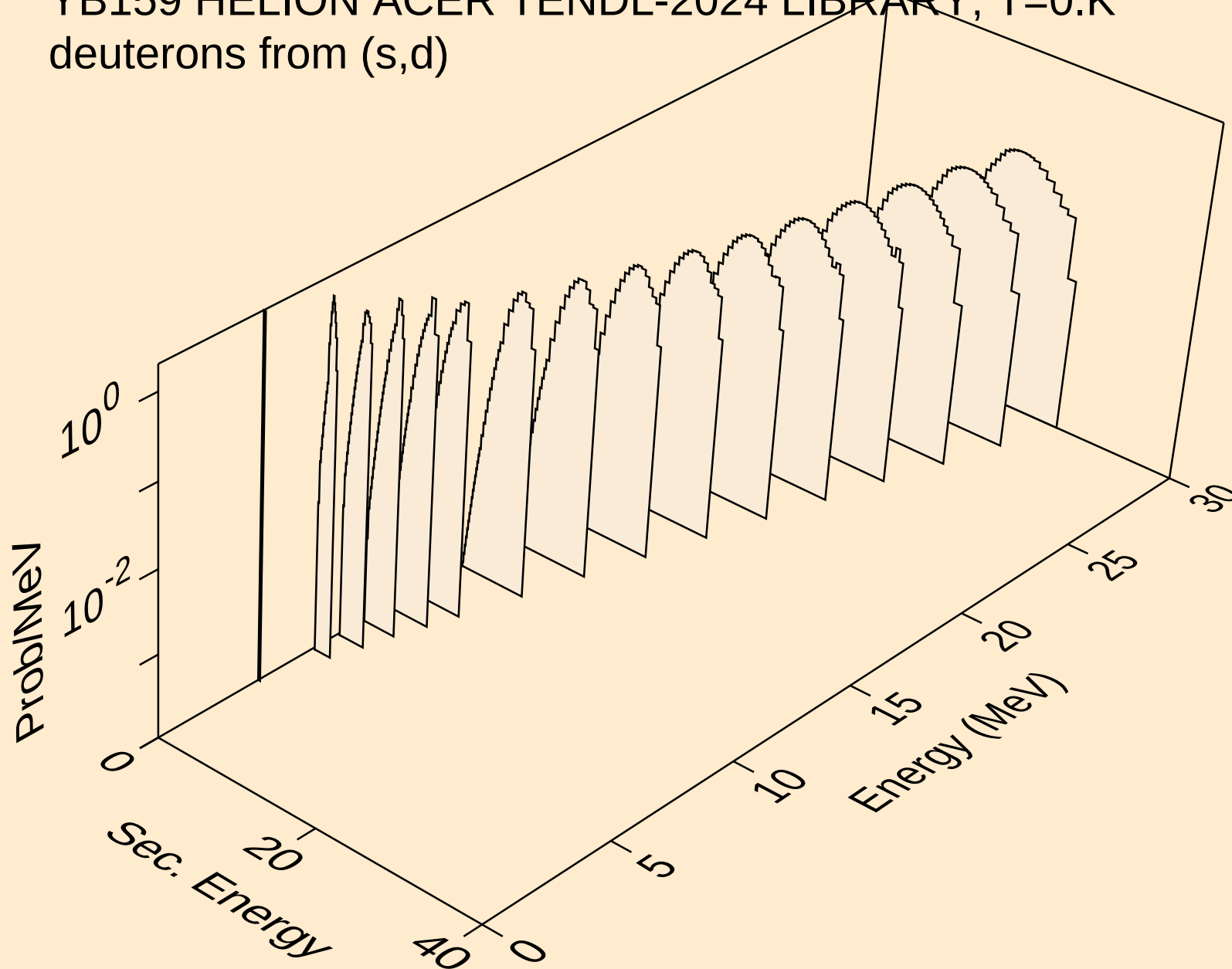
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deuterons from (s,2nd)



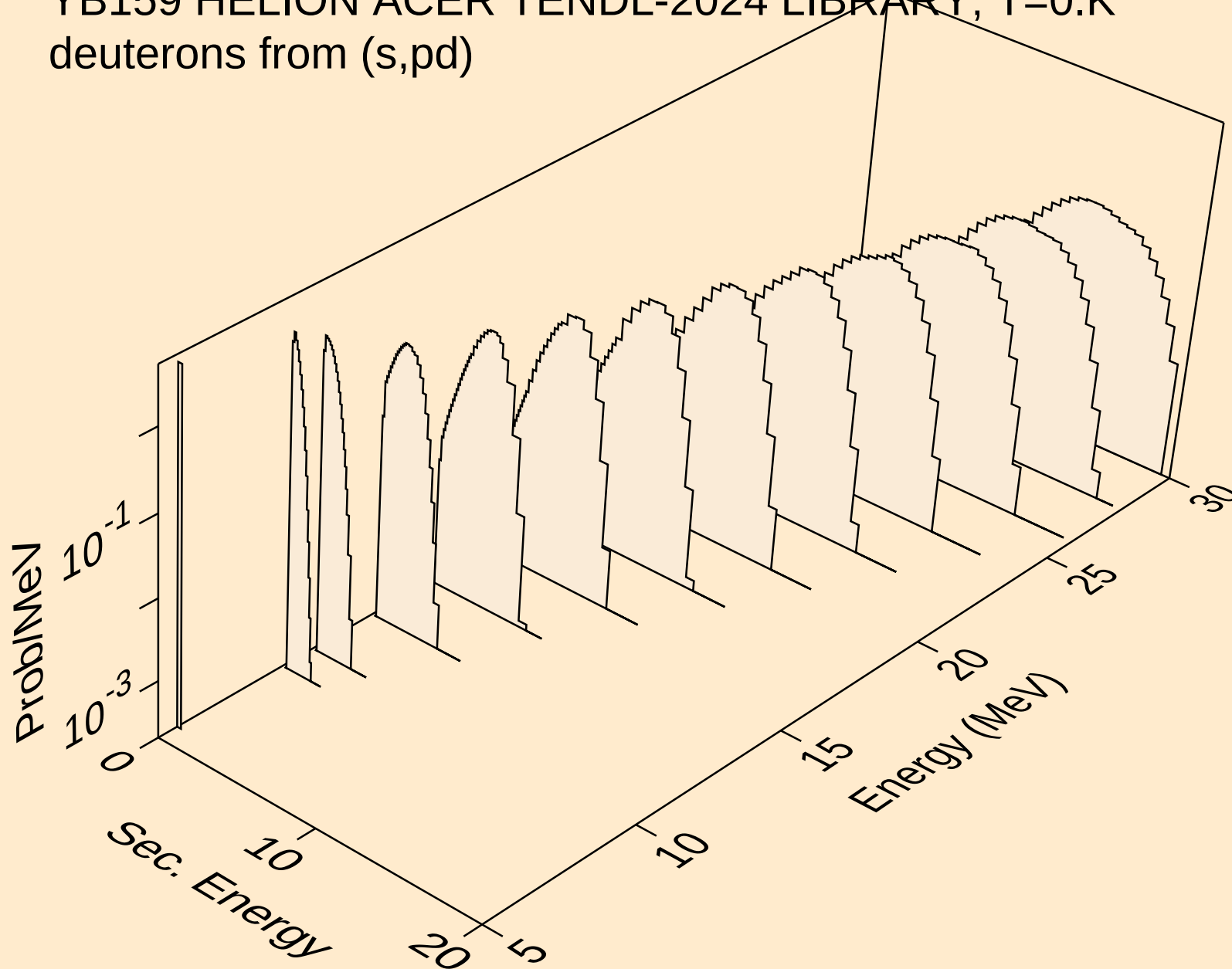
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deuterons from (s,n*)d



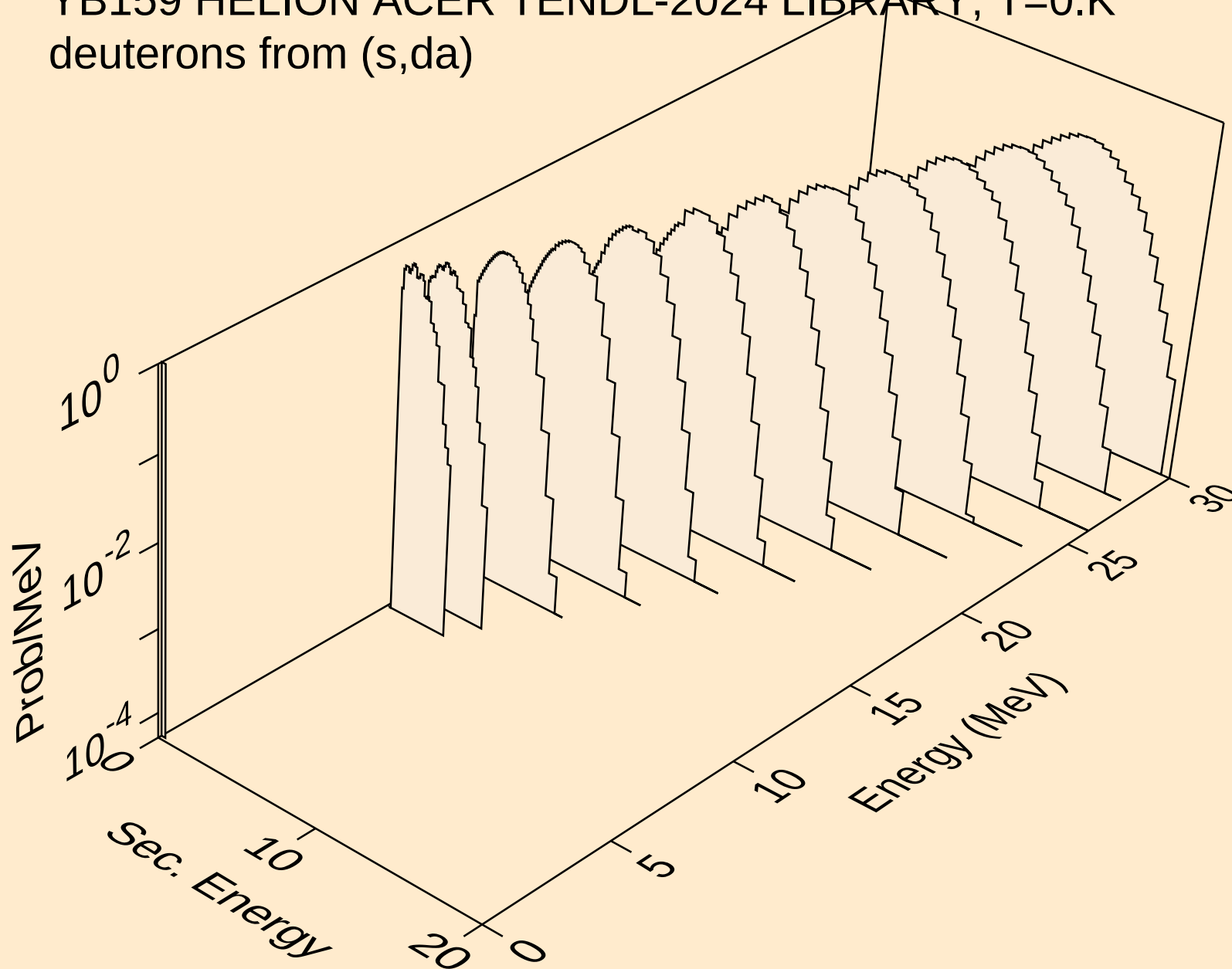
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deuterons from (s,d)



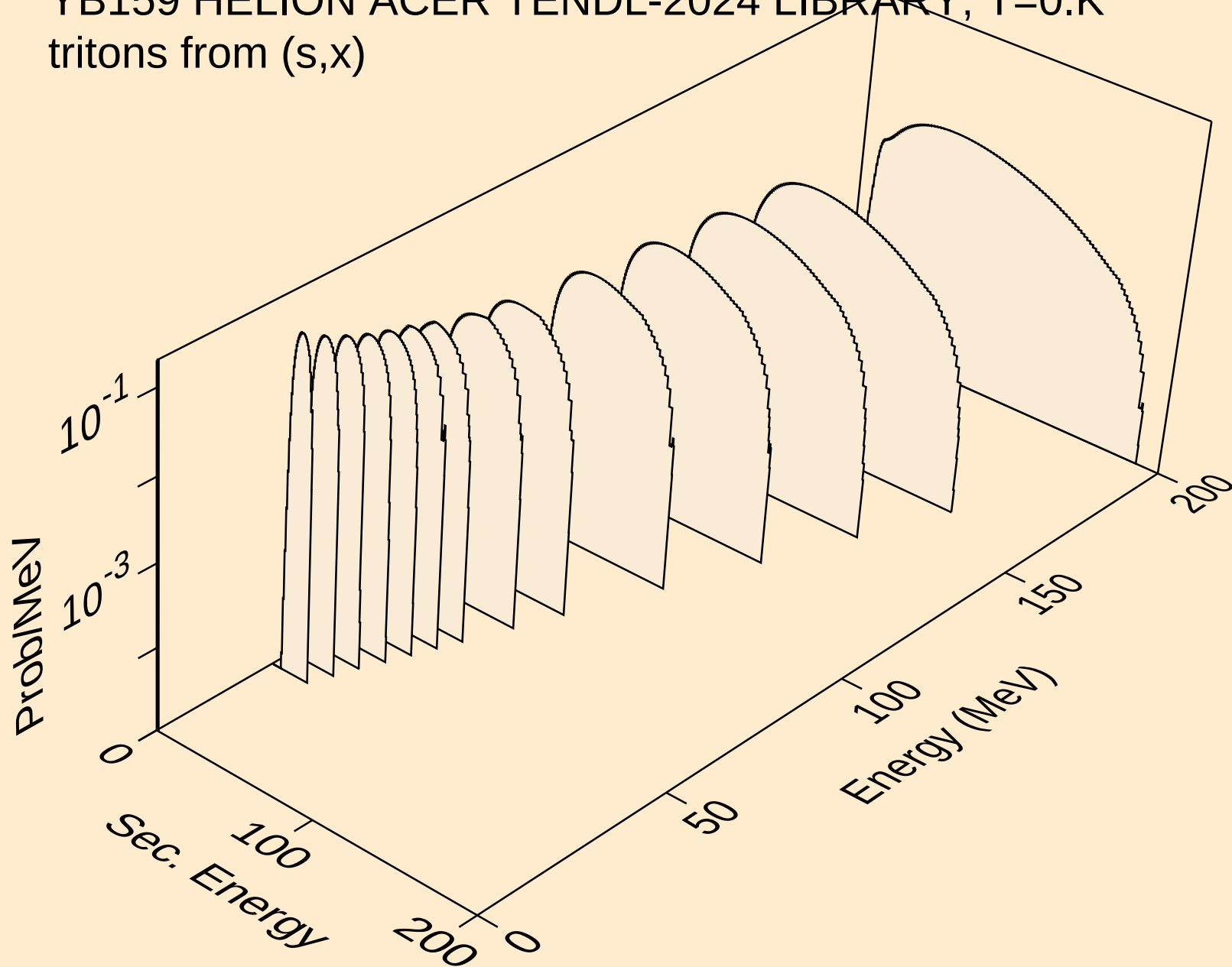
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deuterons from (s,pd)



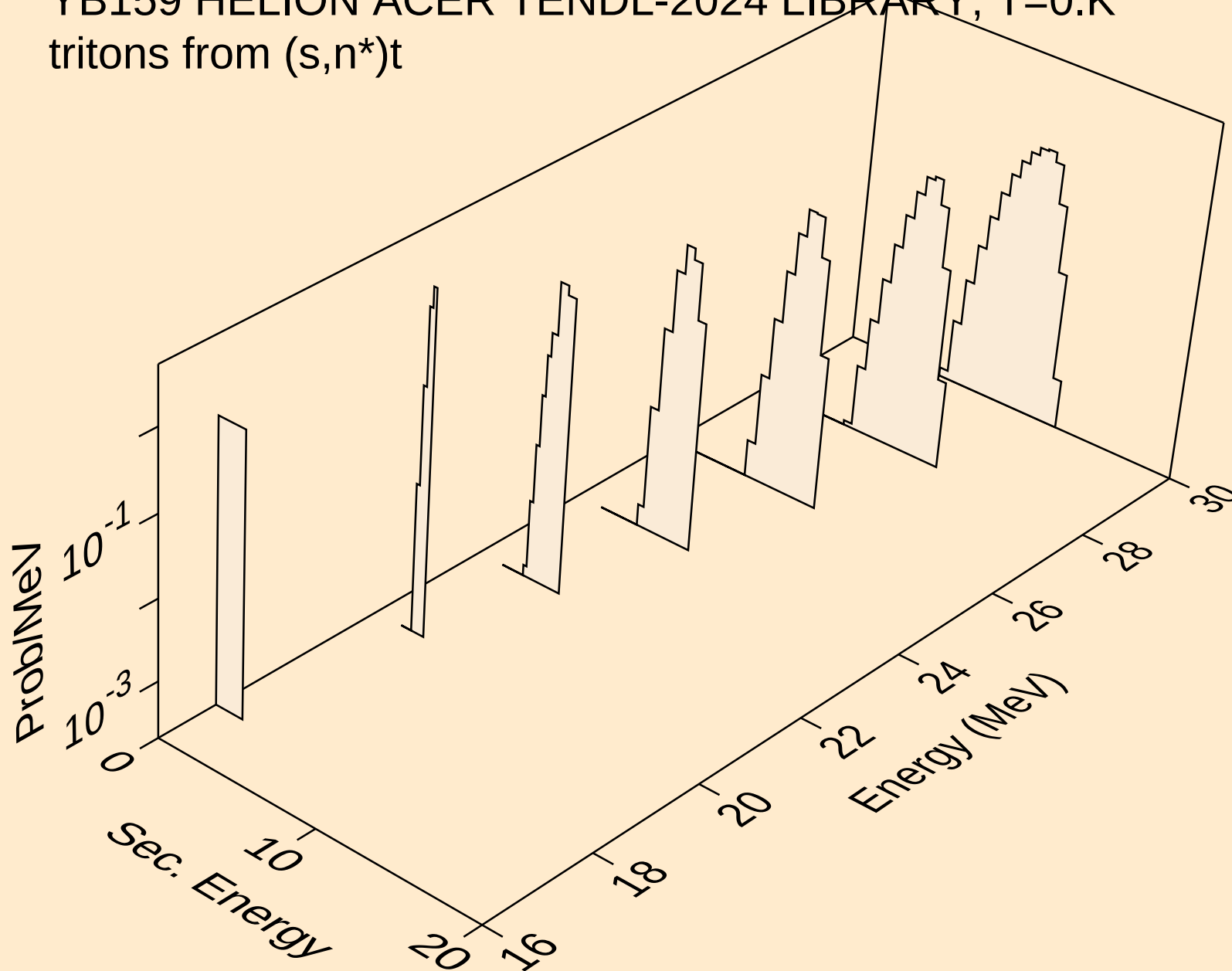
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deuterons from (s,da)



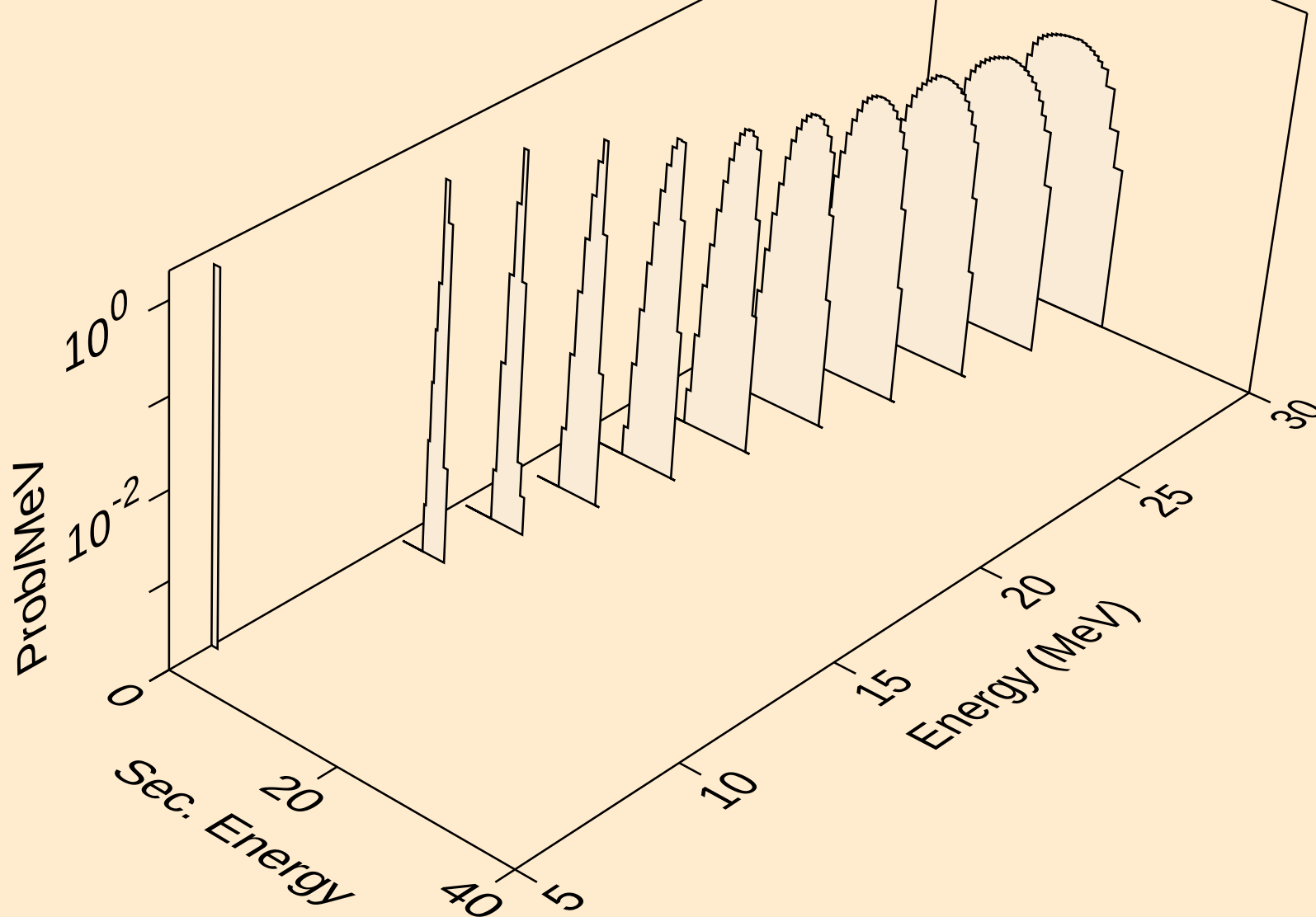
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tritons from (s,x)



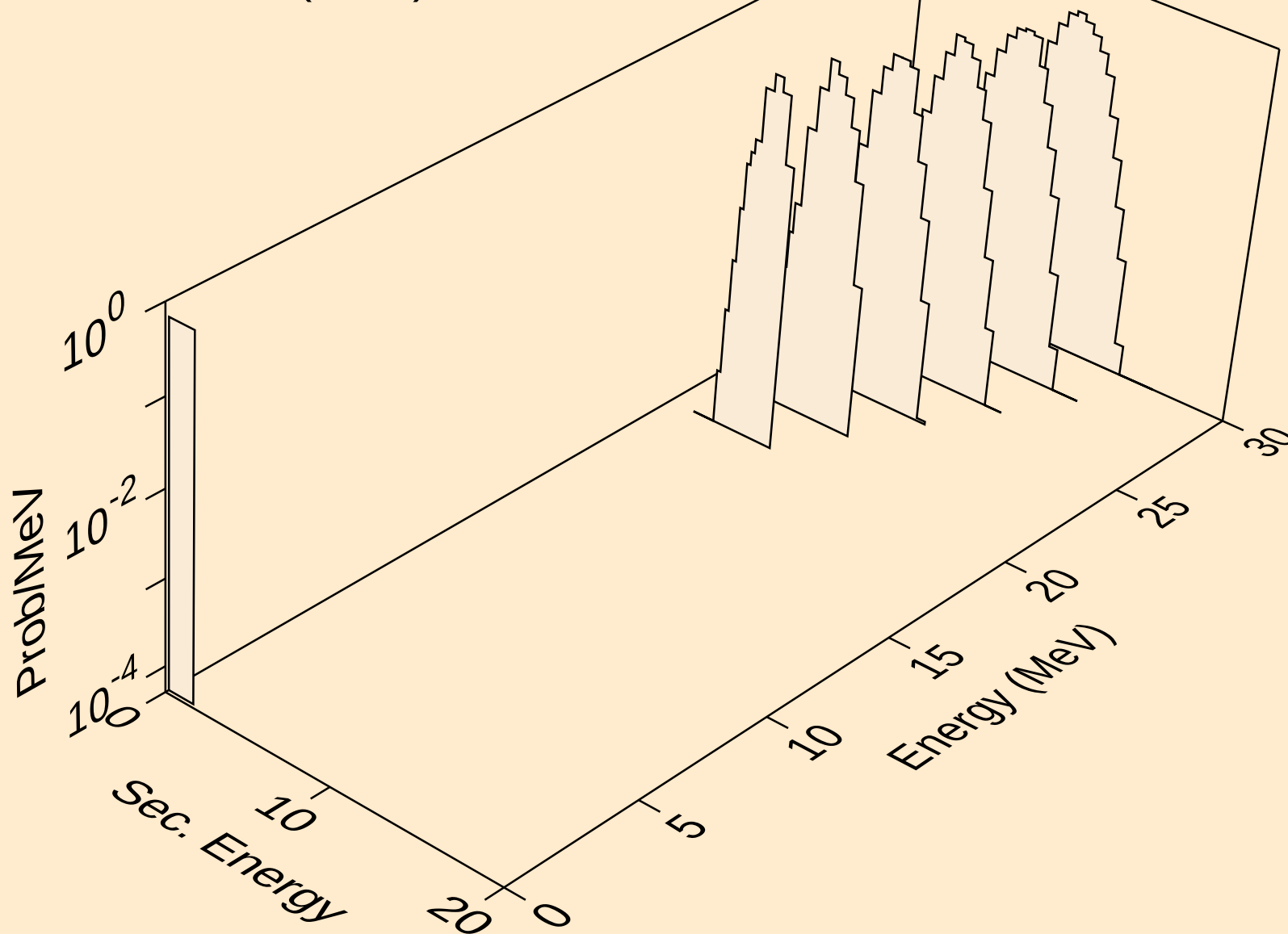
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tritons from (s,n*)t



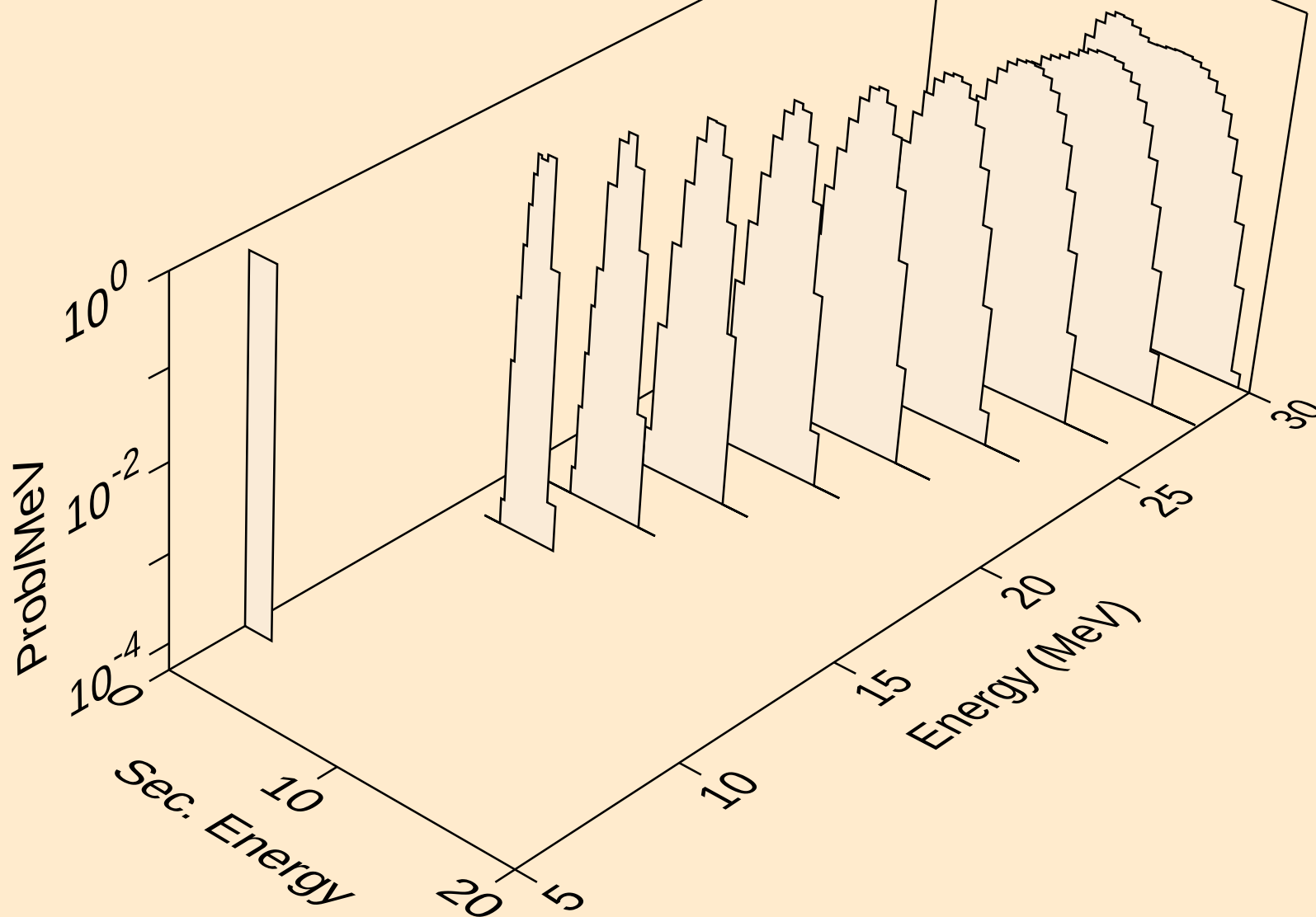
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tritons from (s,t)



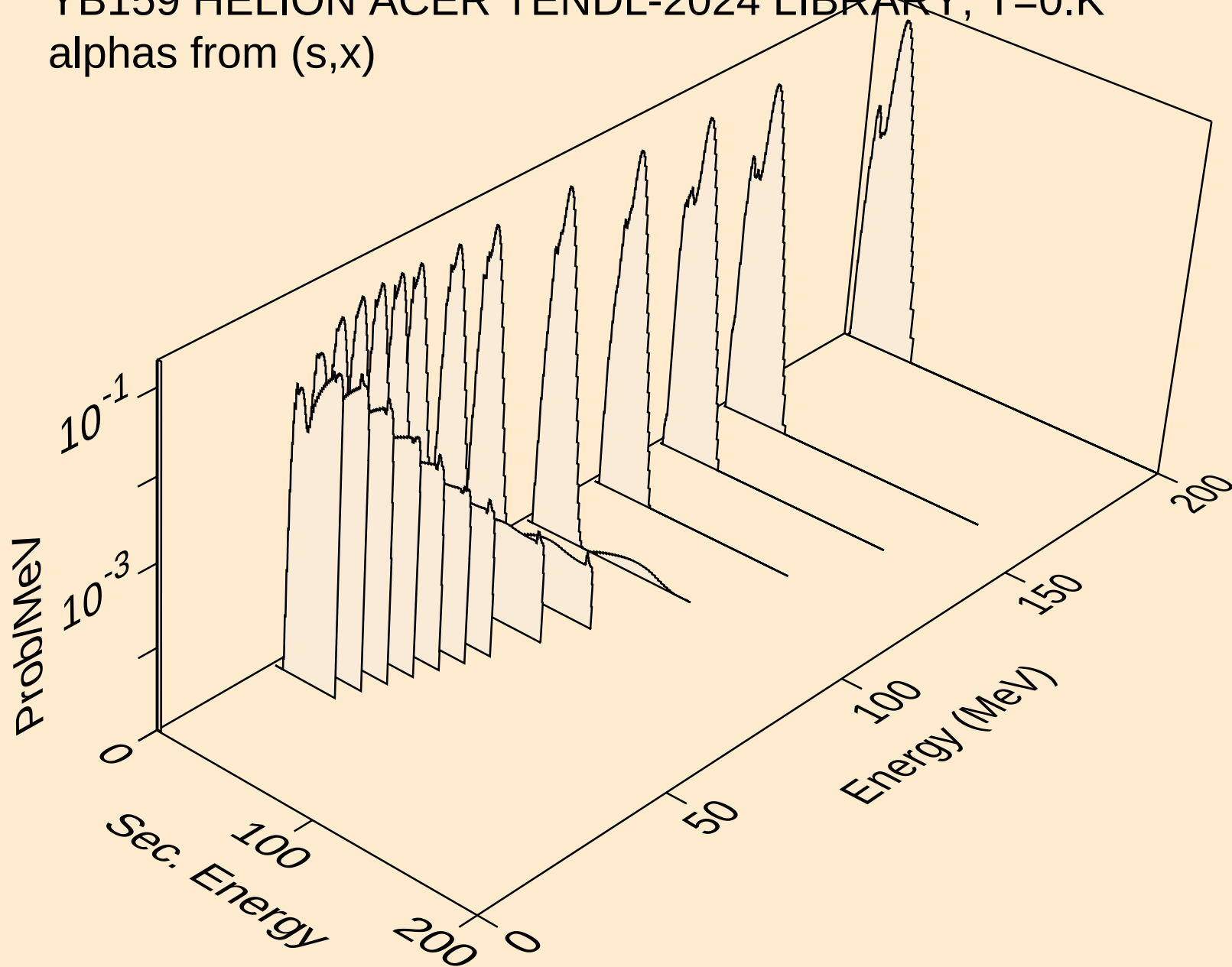
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tritons from (s,t2a)



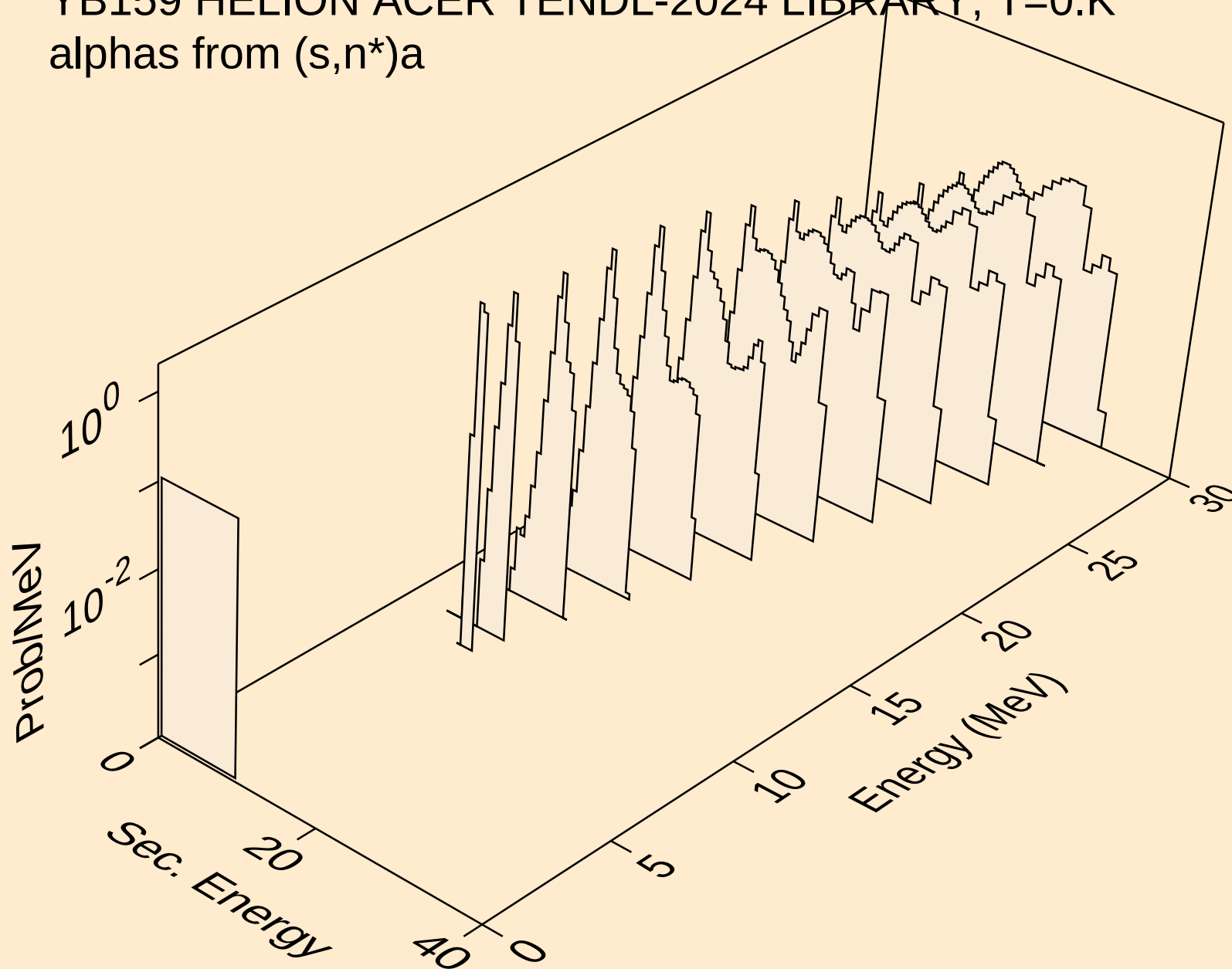
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tritons from (s,pt)



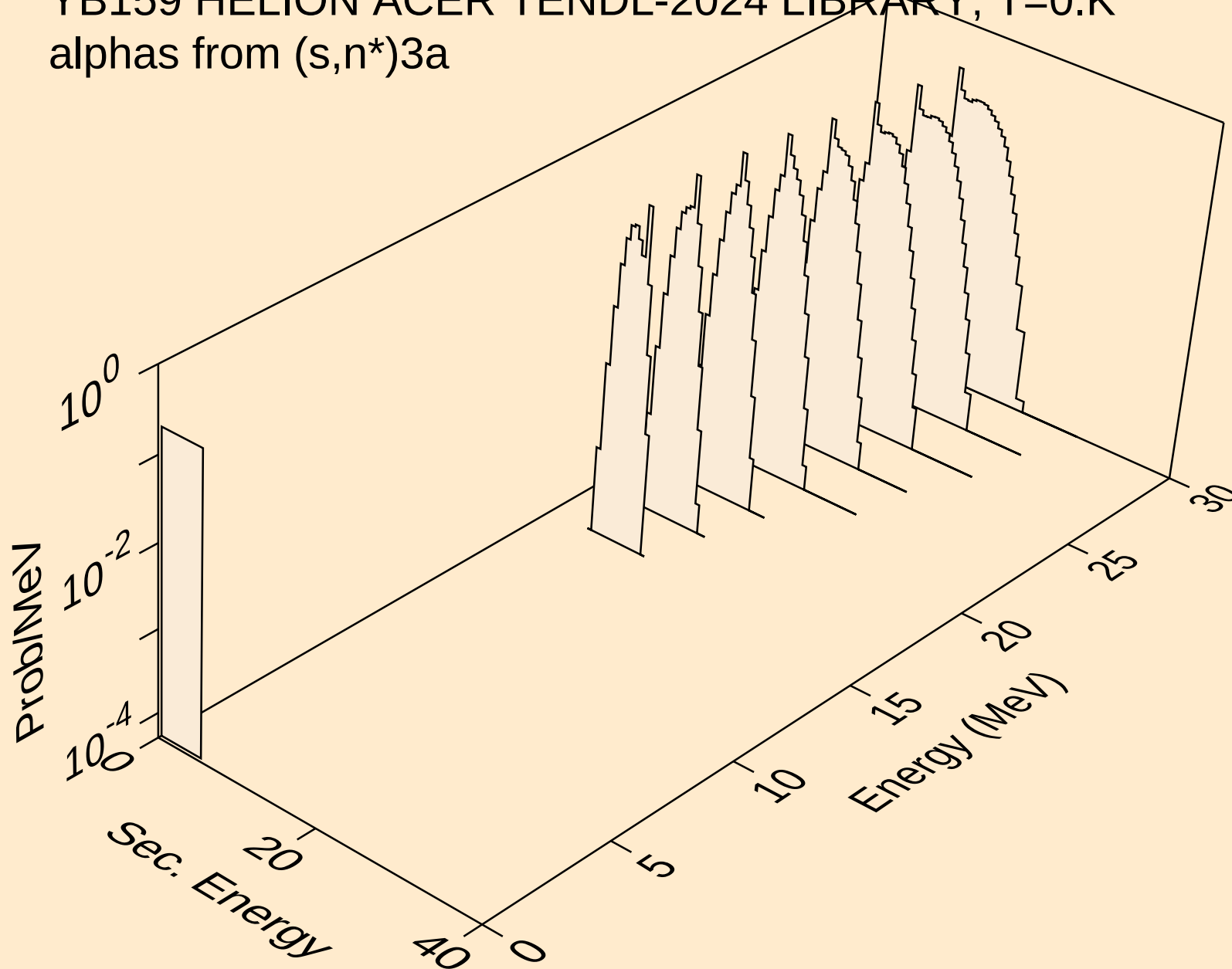
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alphas from (s,x)



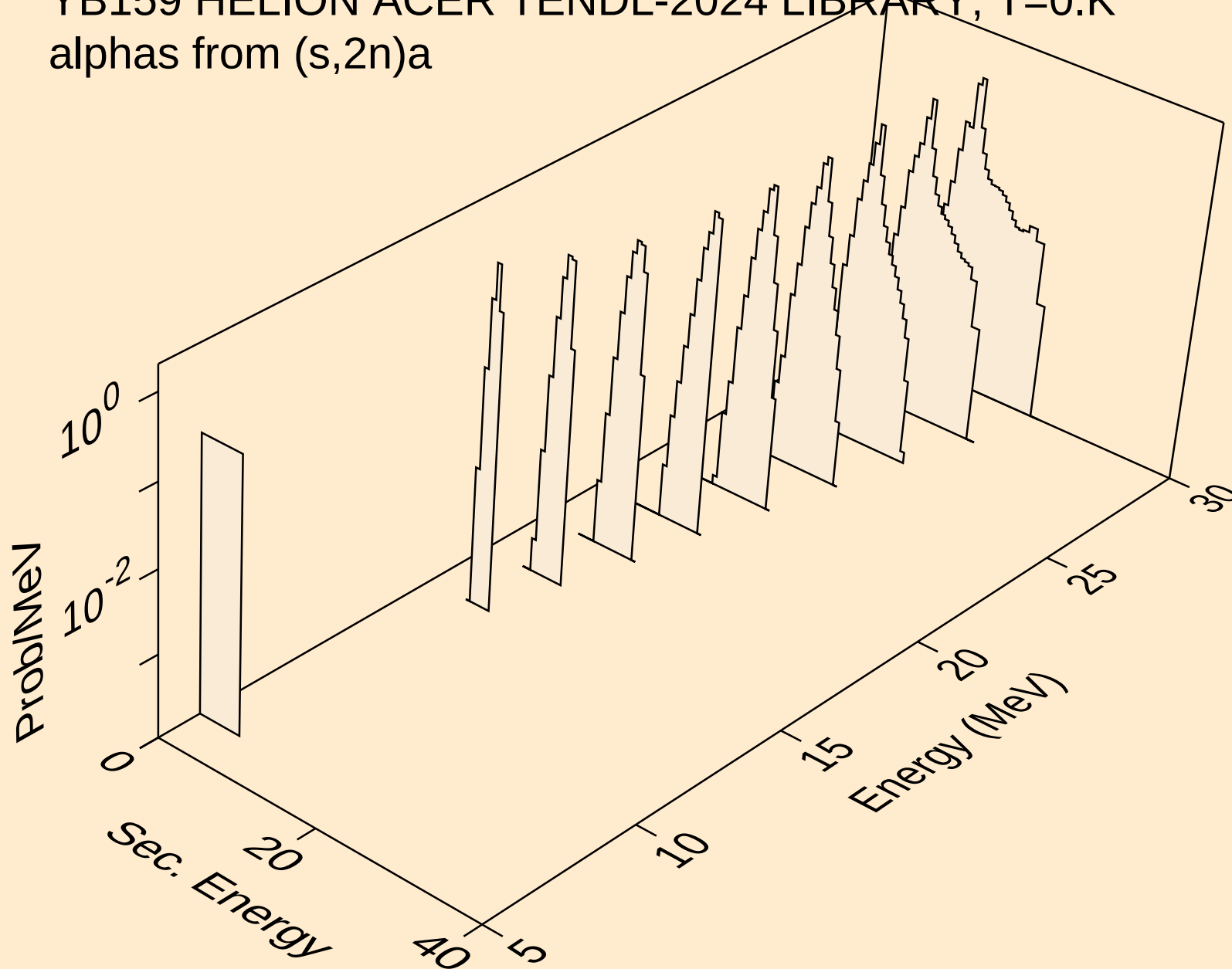
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alphas from (s,n*)a



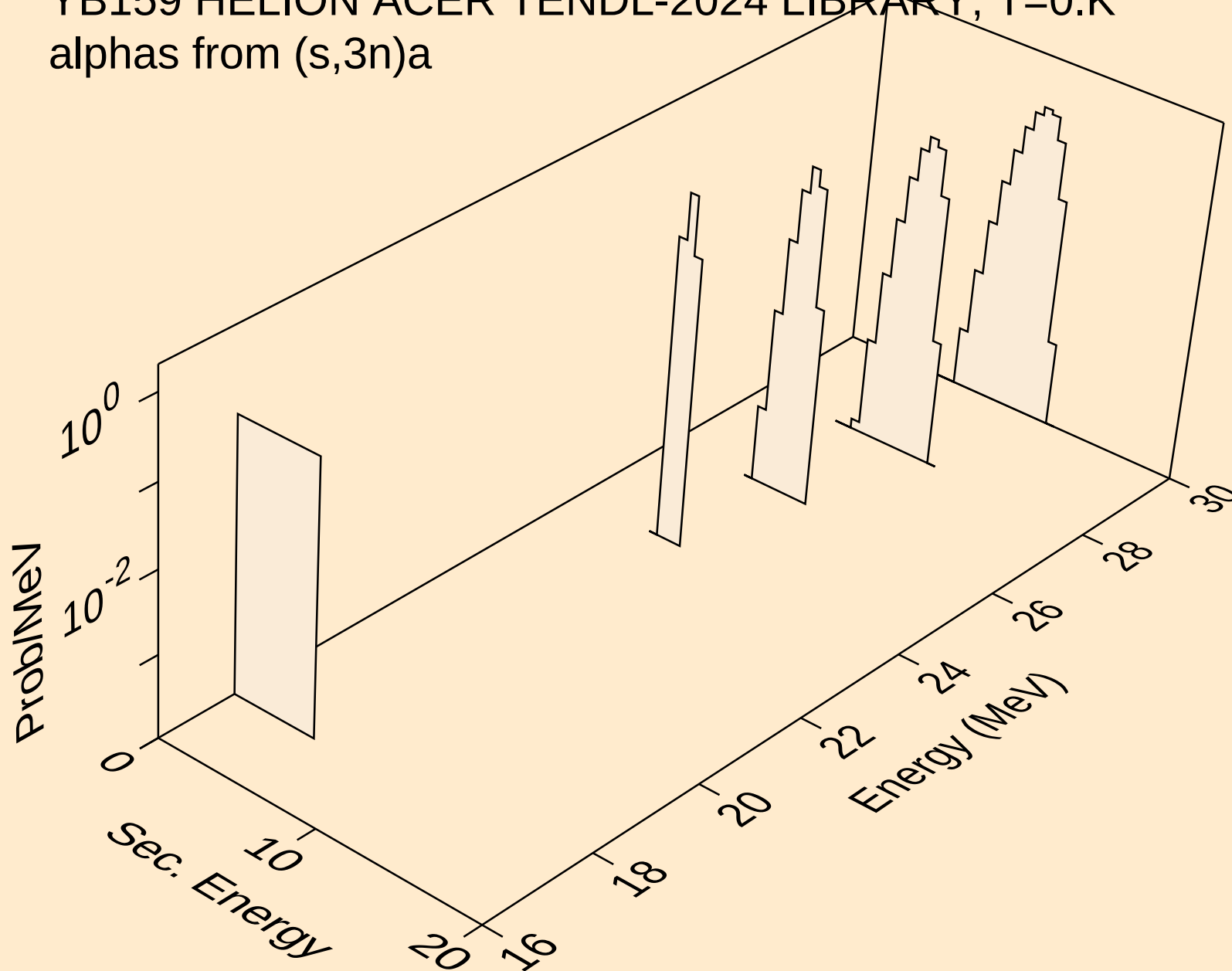
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alphas from (s,n*)3a



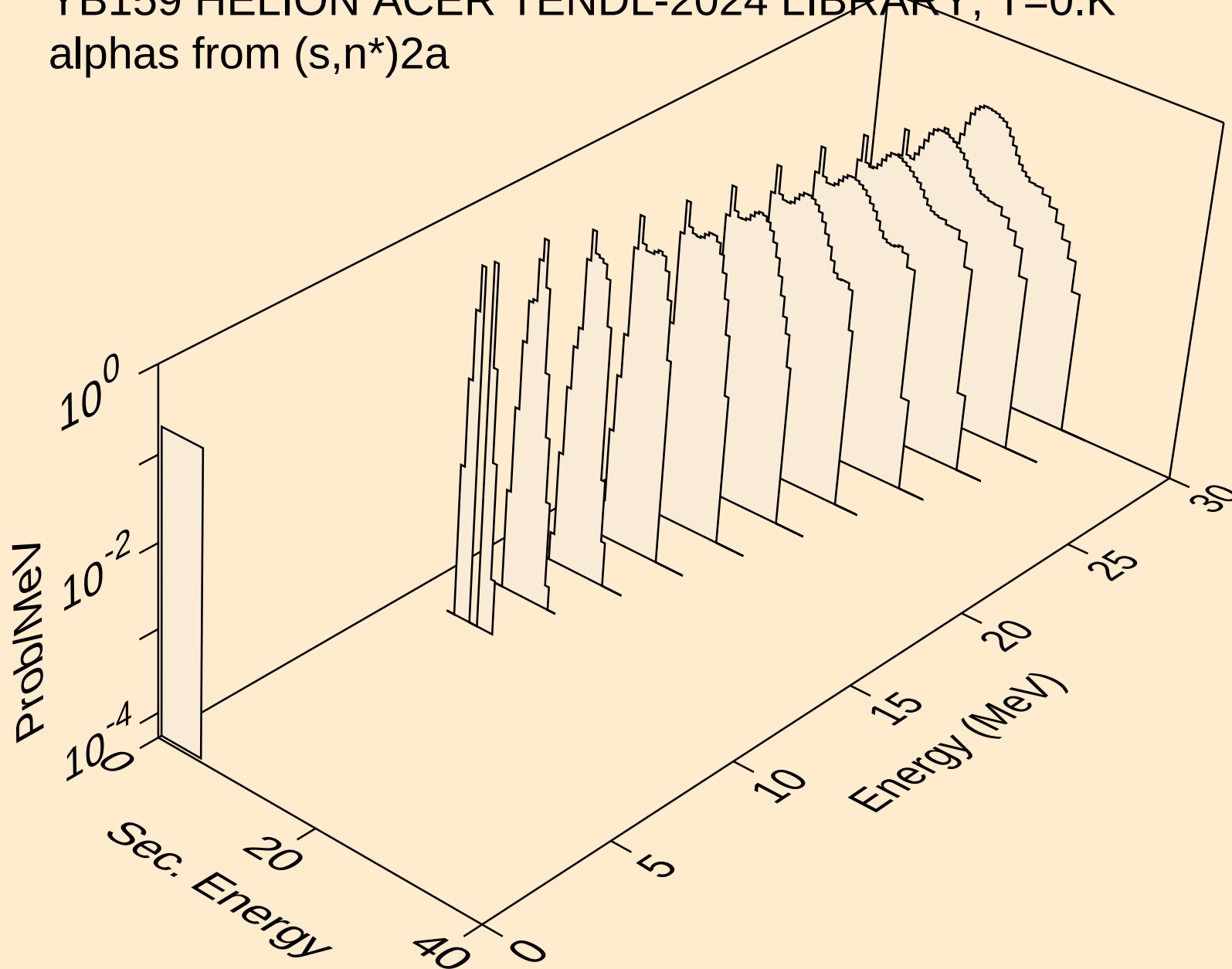
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alphas from (s,2n)a



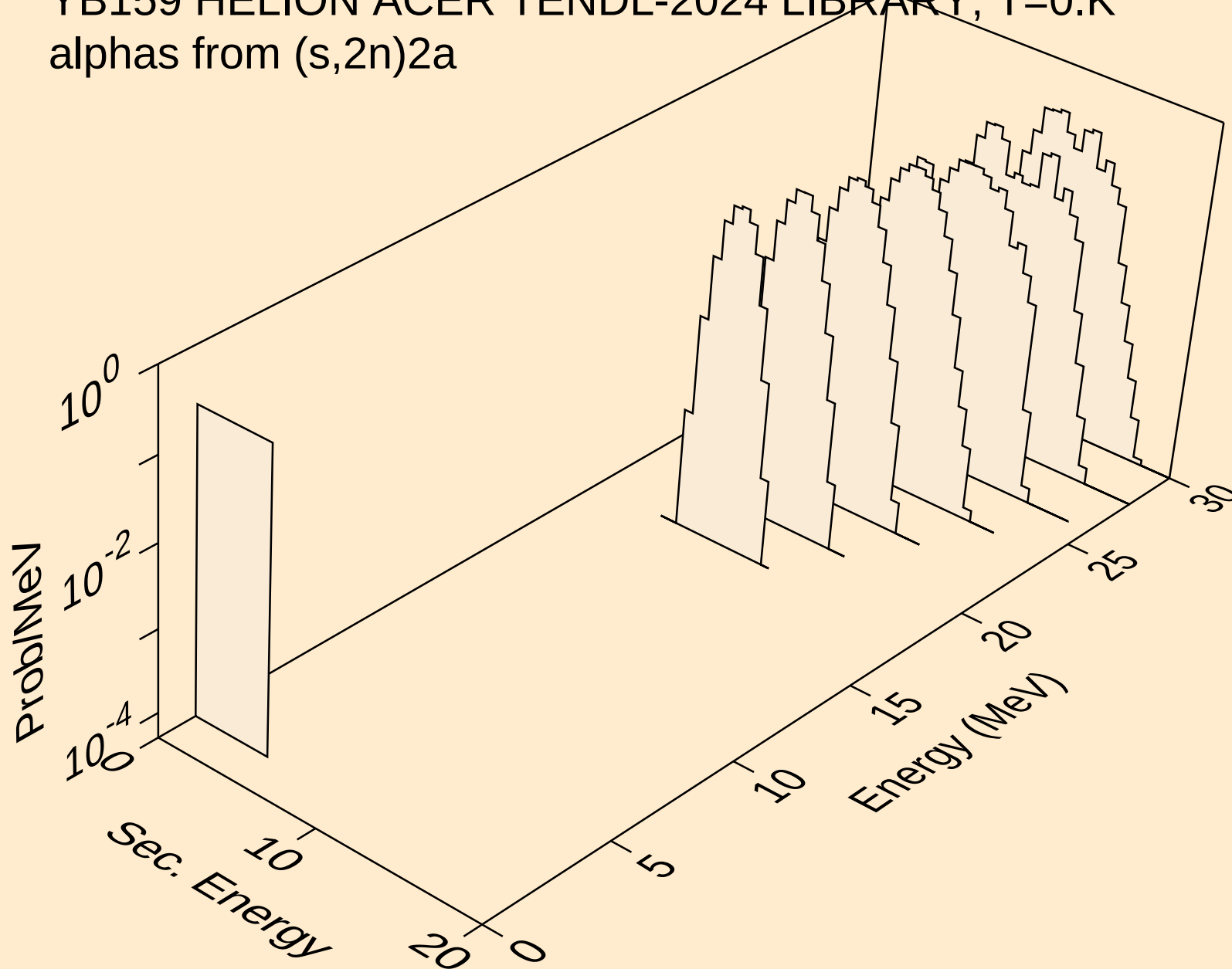
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alphas from (s,3n)a



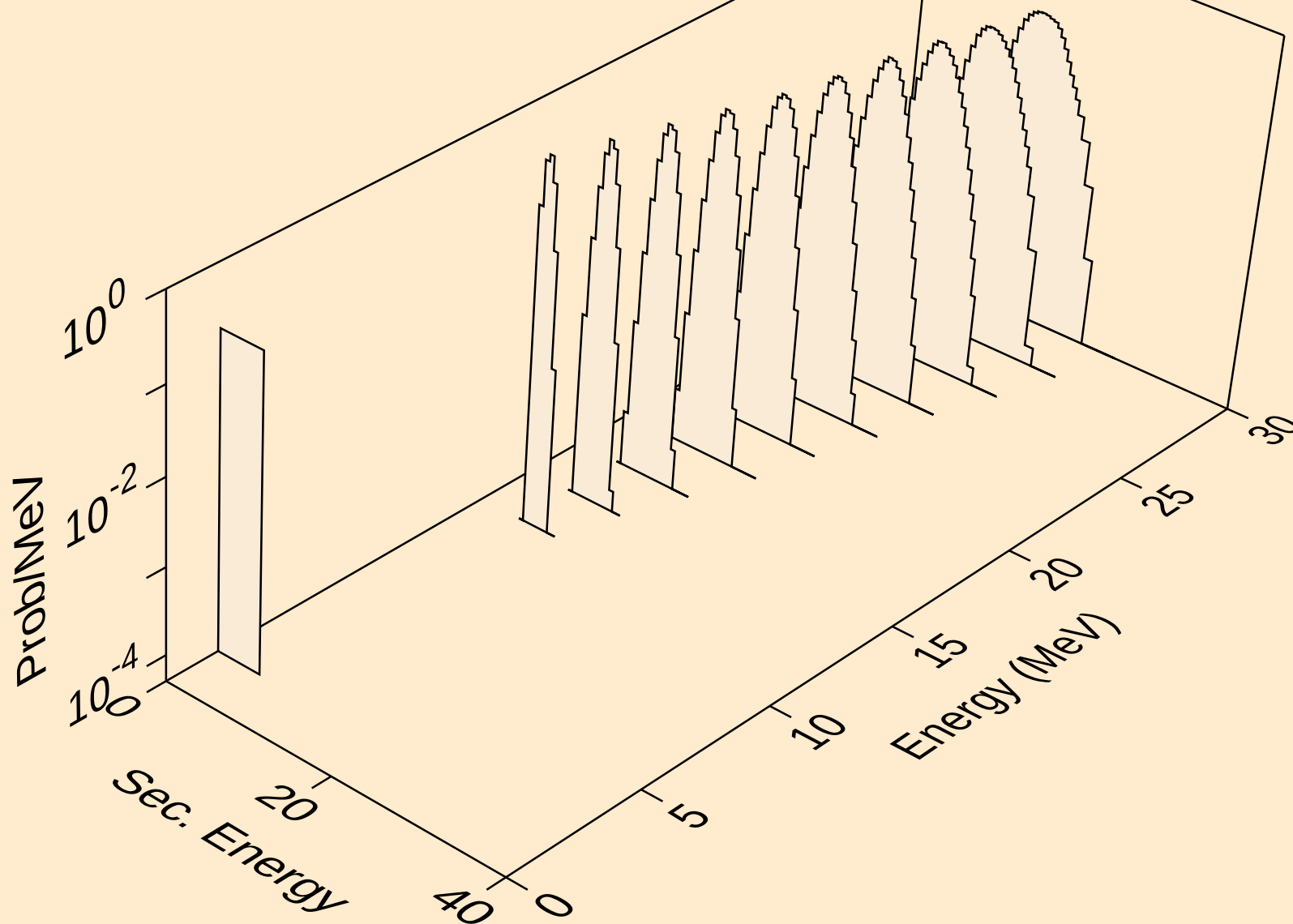
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alphas from (s,n*)2a



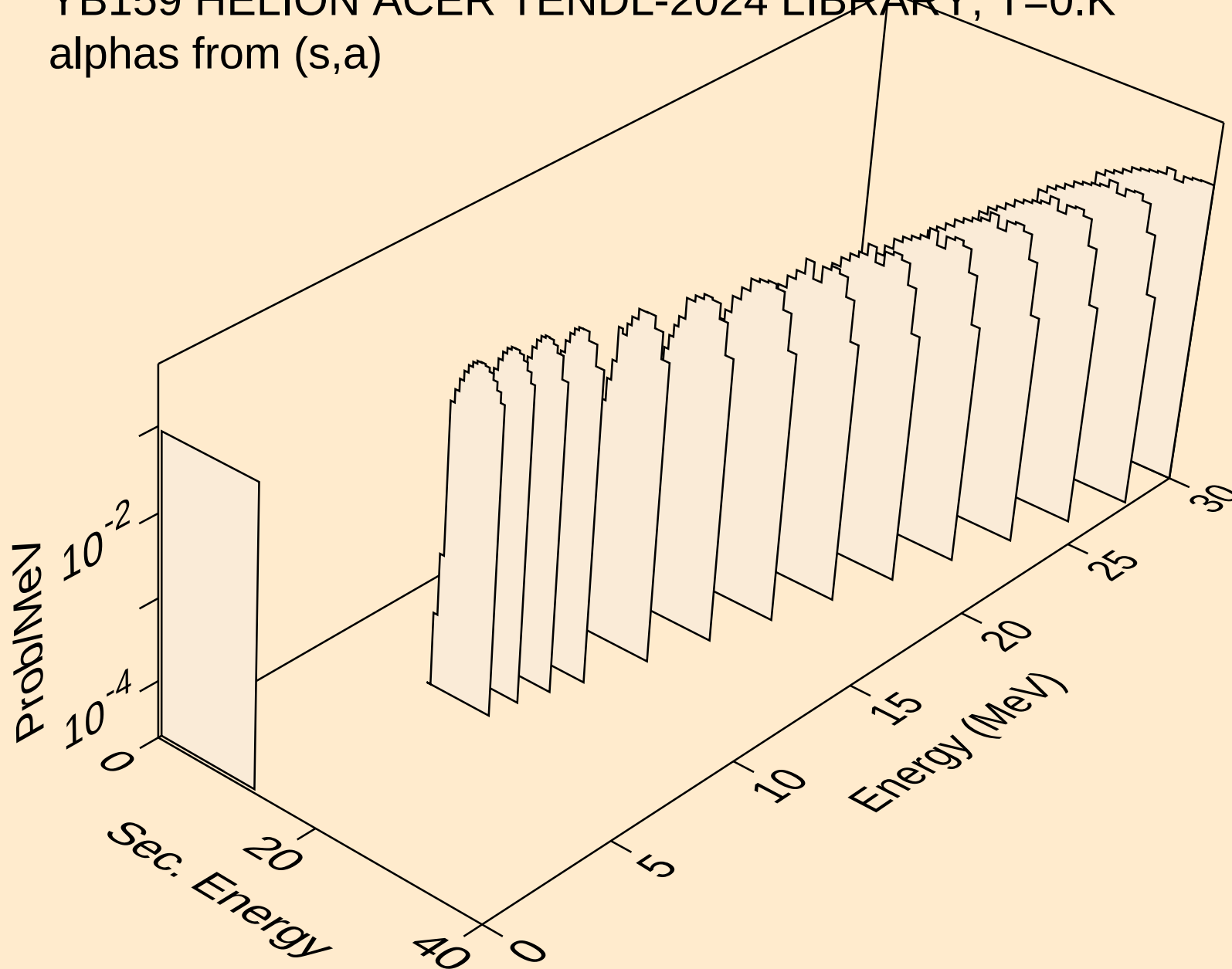
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alphas from (s,2n)2a



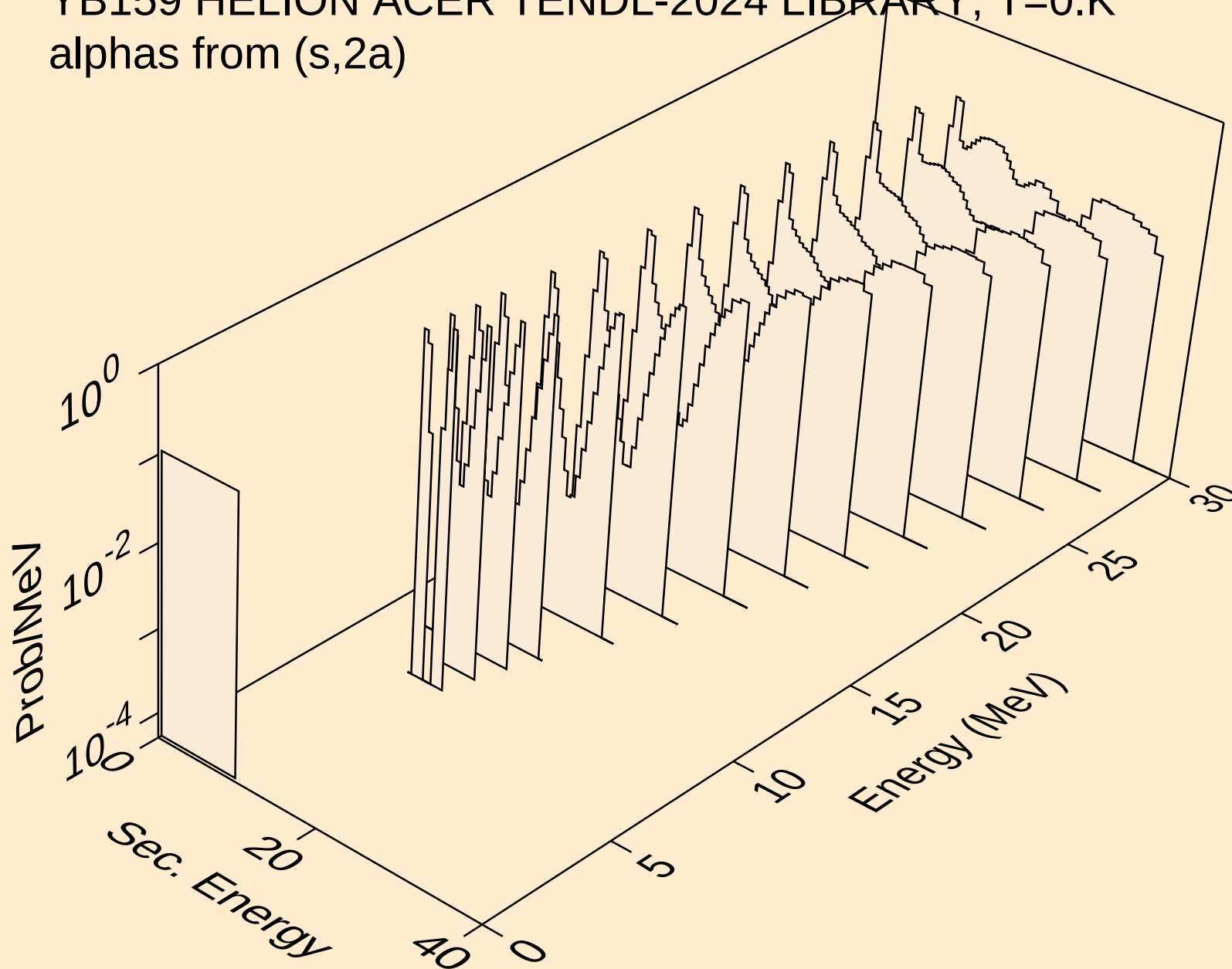
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alphas from (s,npa)



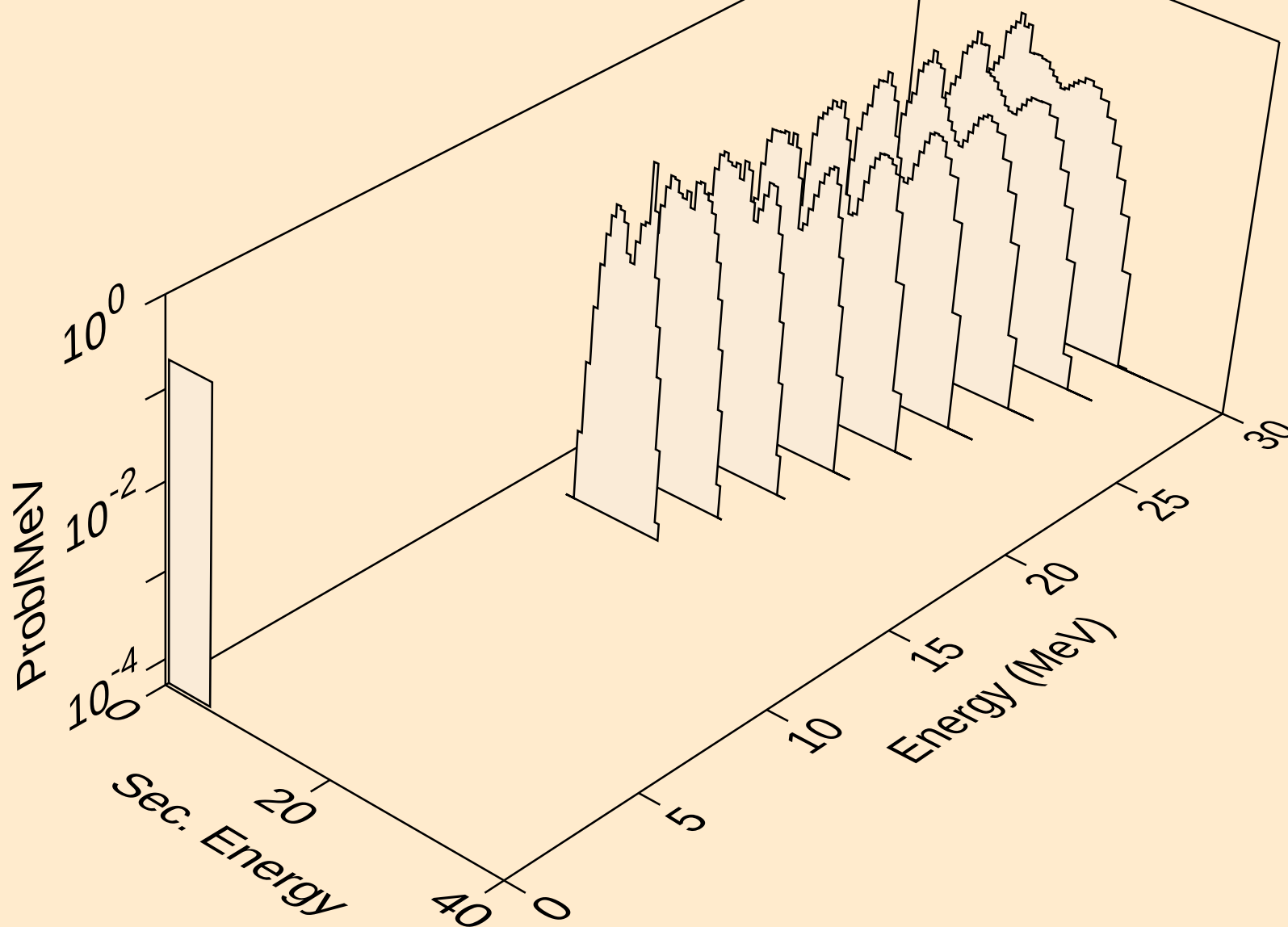
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alphas from (s,a)



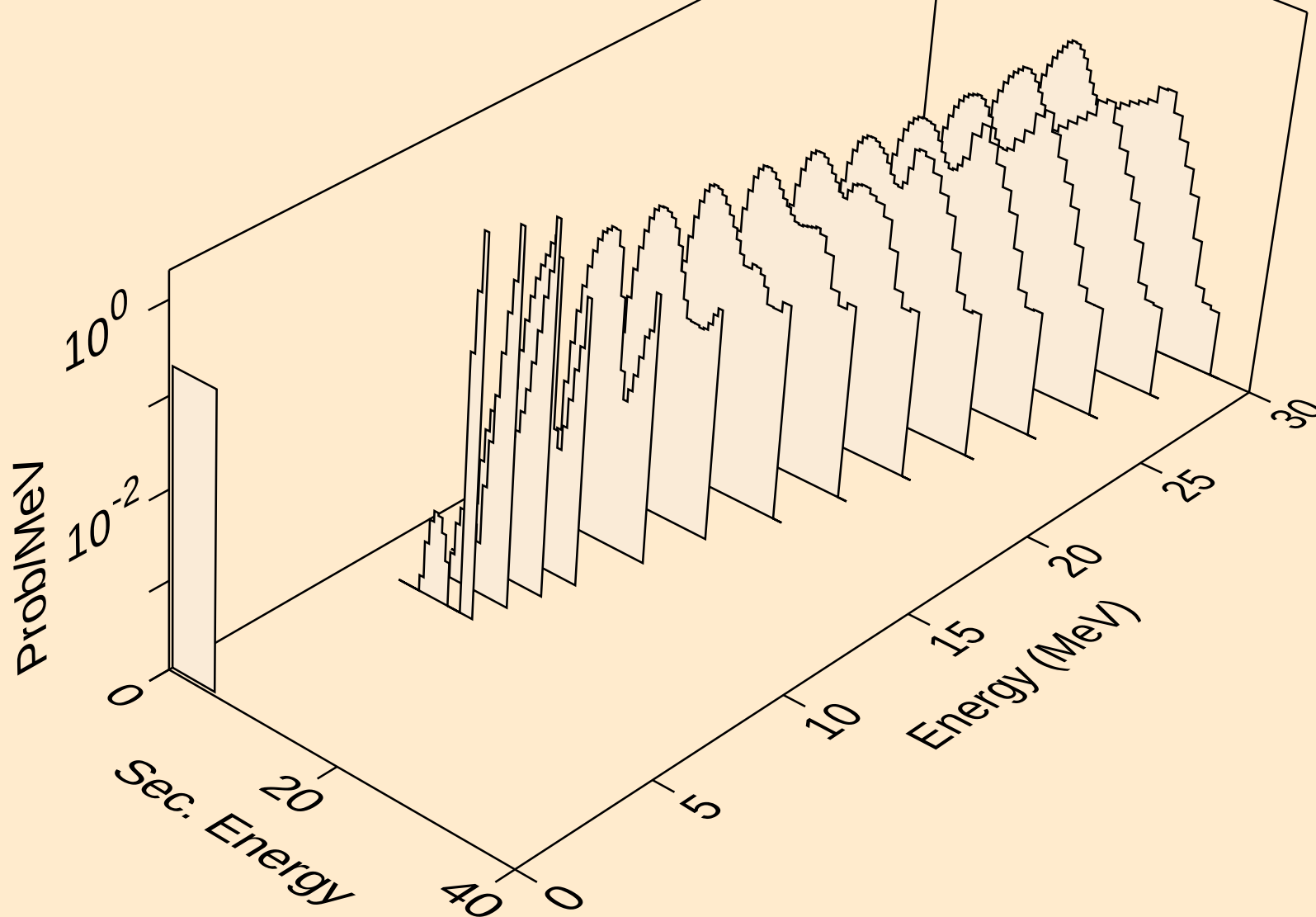
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alphas from (s,2a)



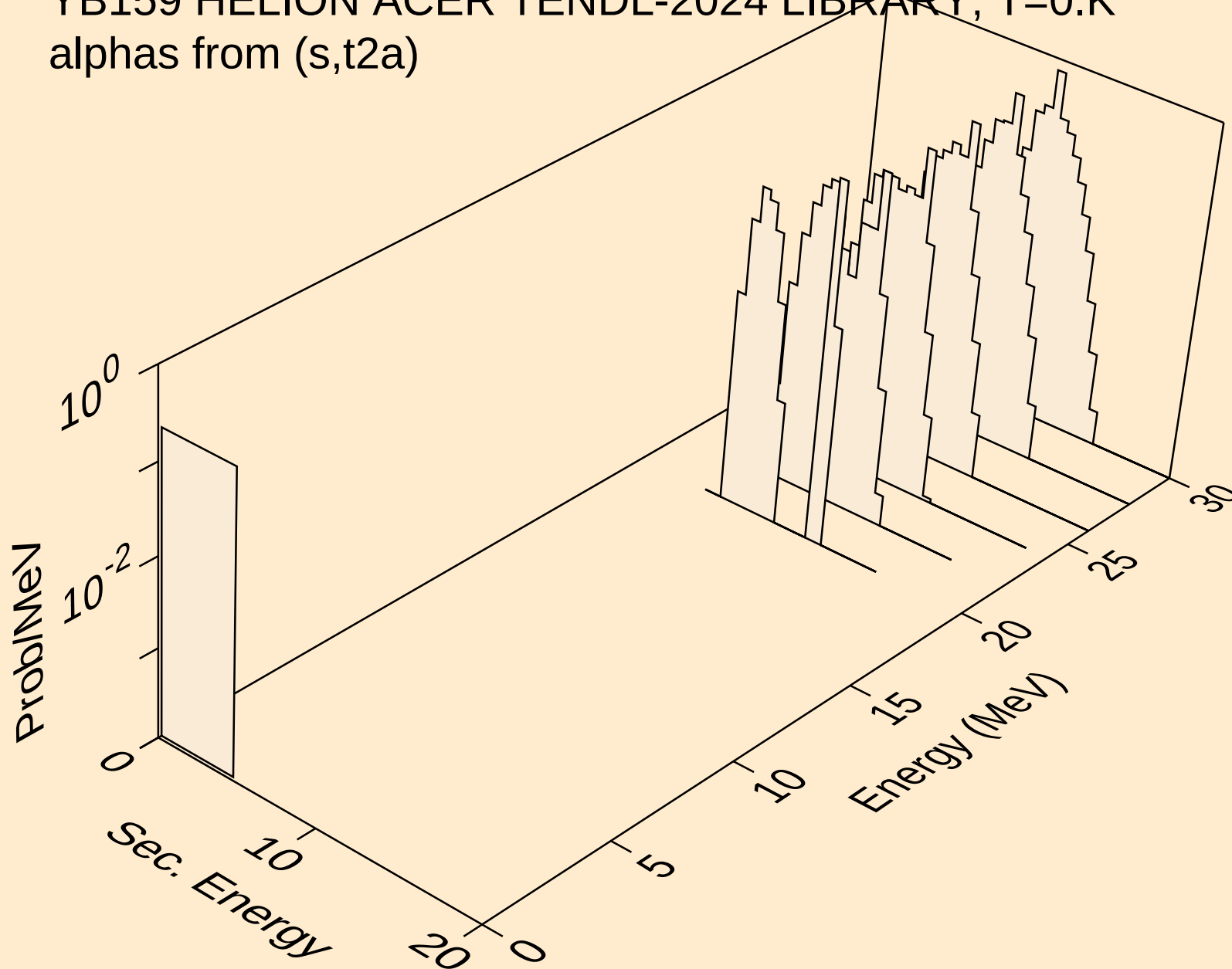
YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,3a)



YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,pa)



YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,t2a)



YB159 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,da)

