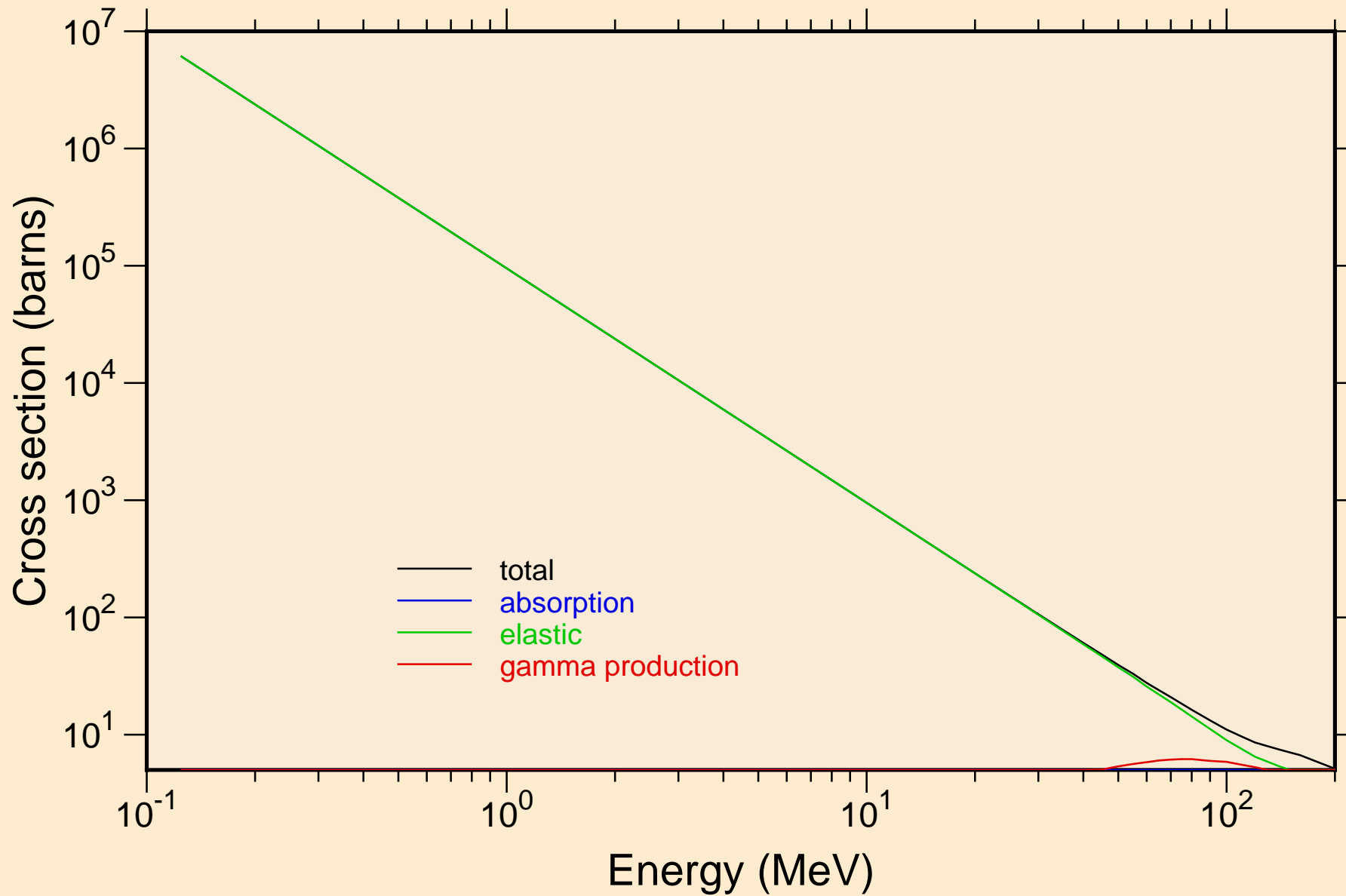
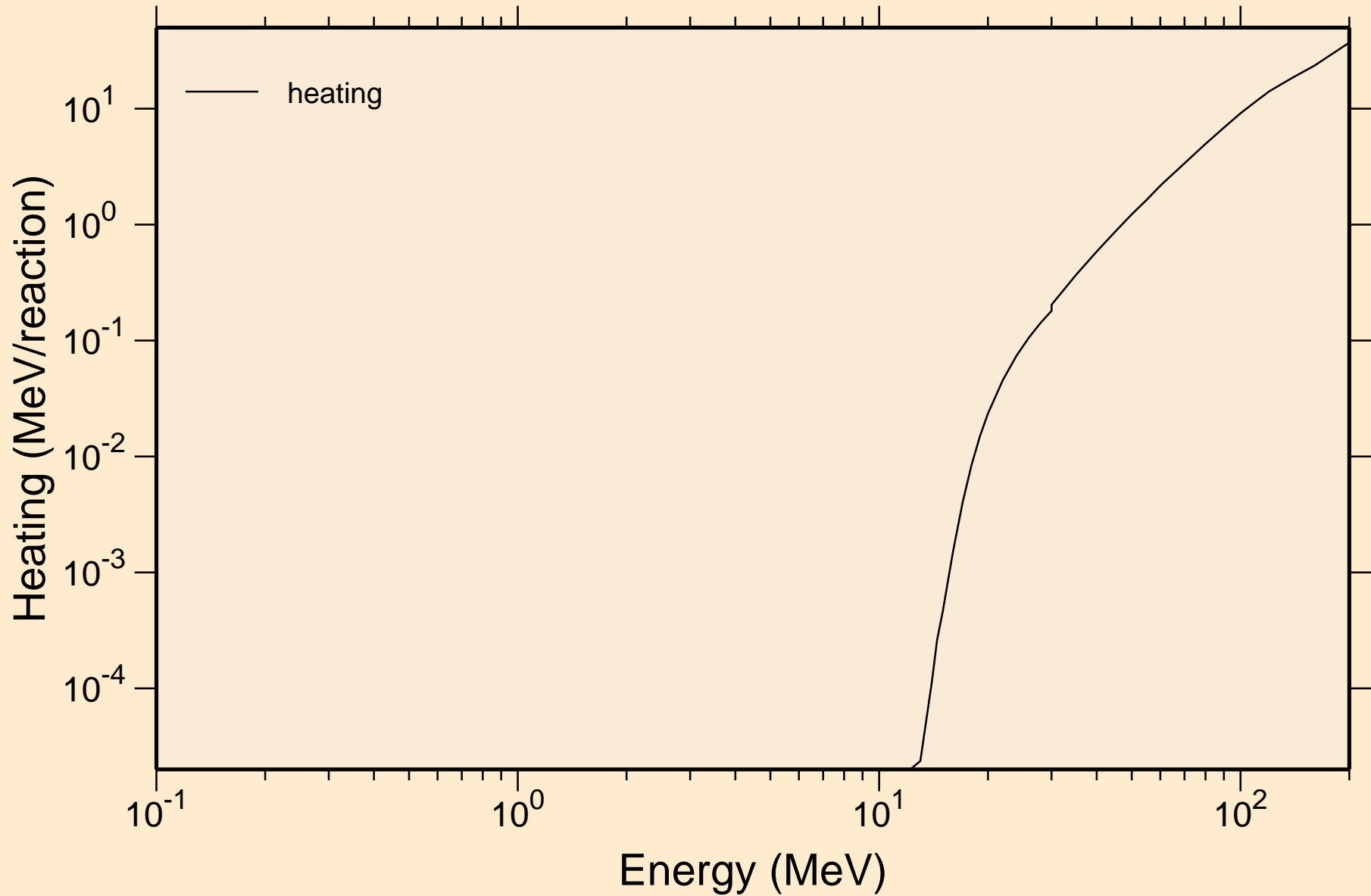


PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



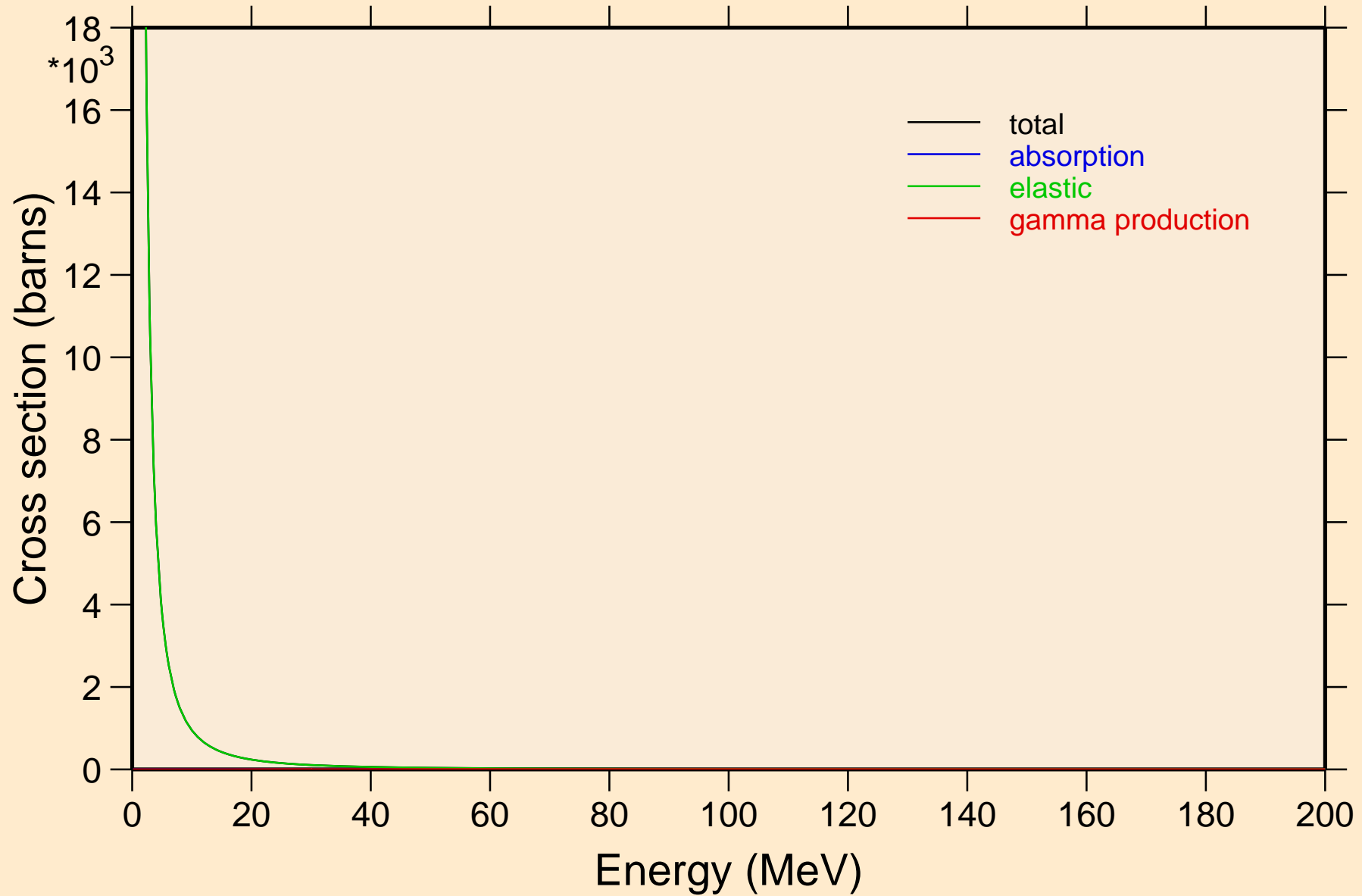
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



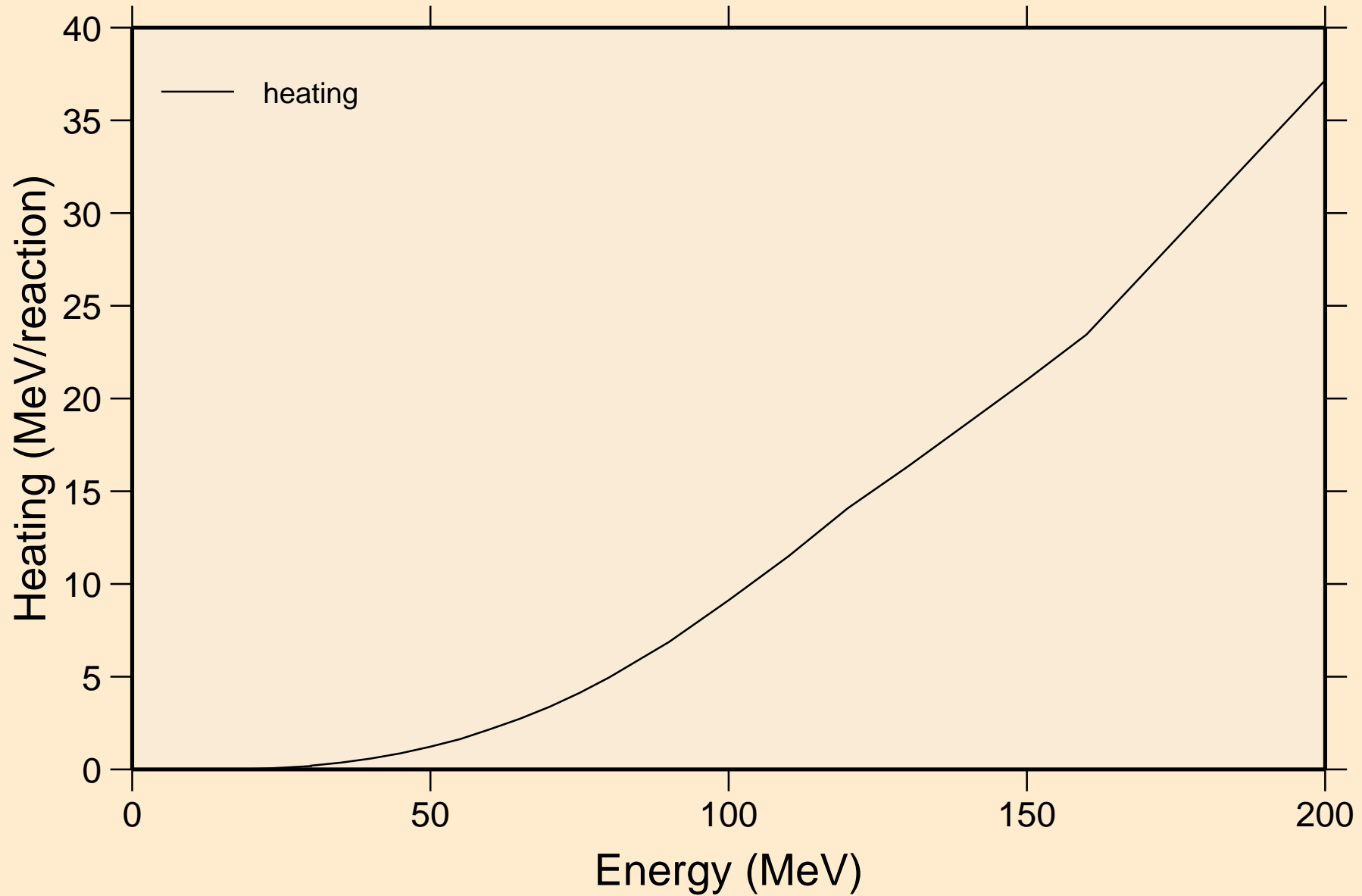
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

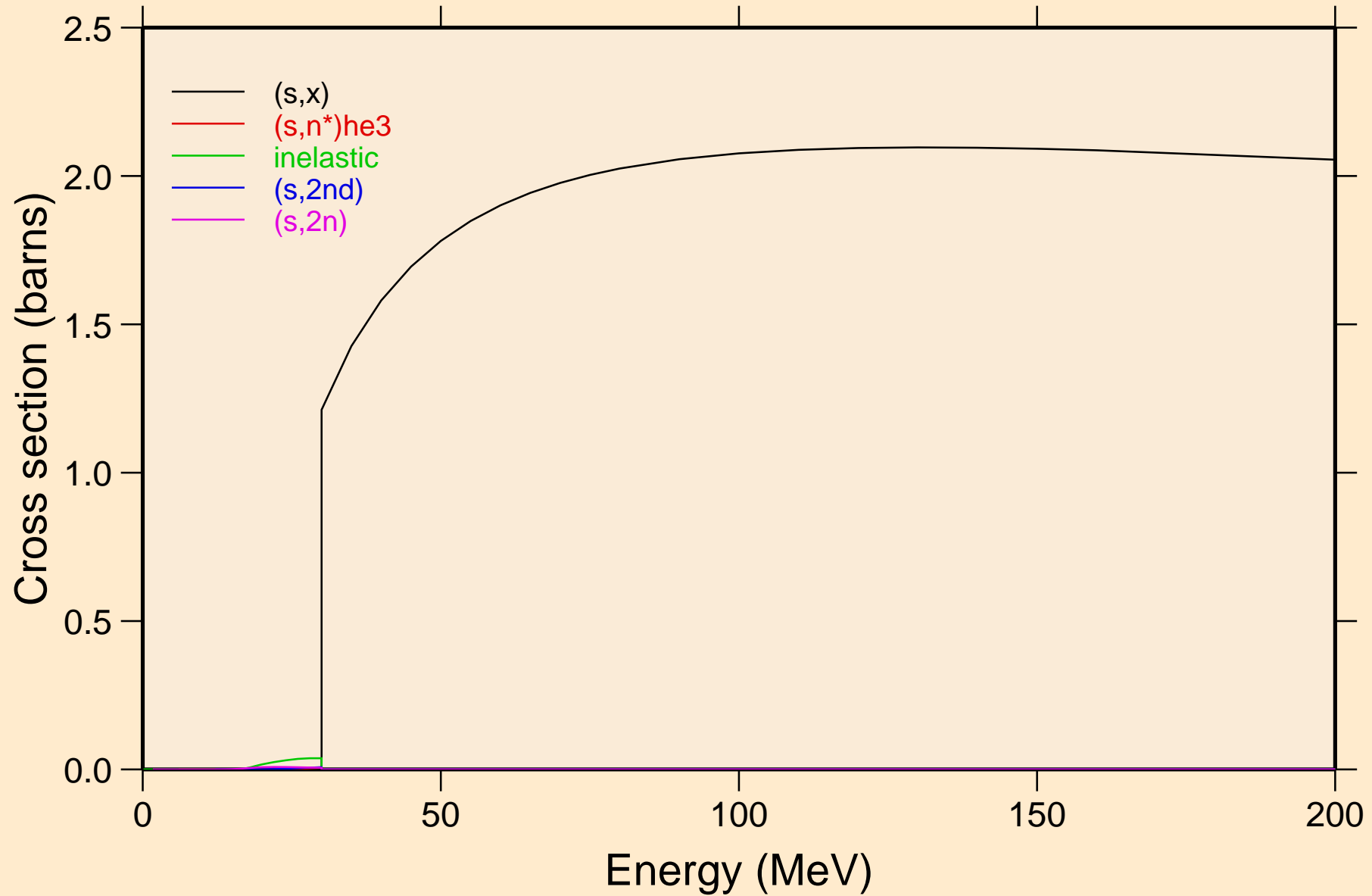


PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K

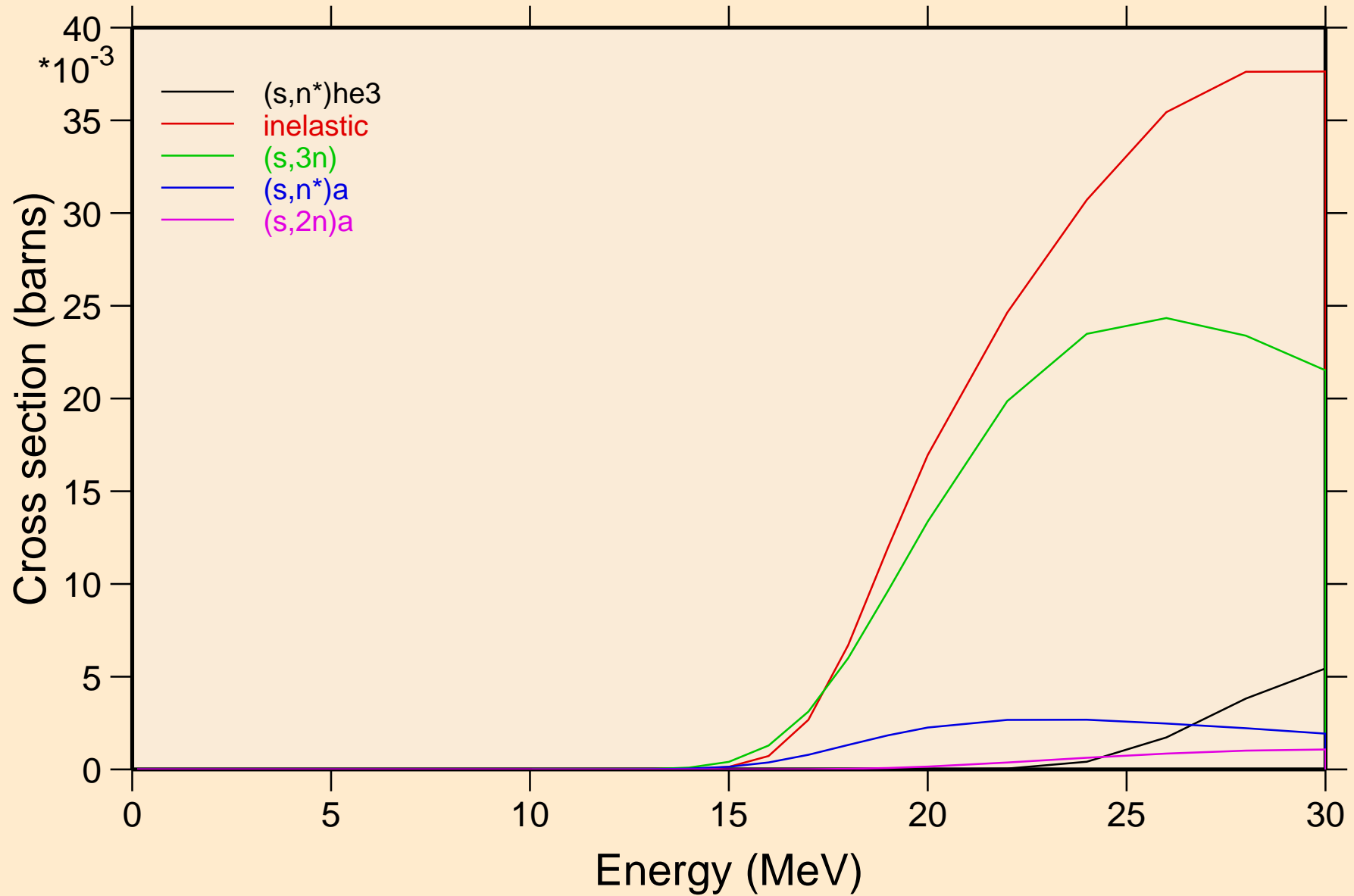
Heating



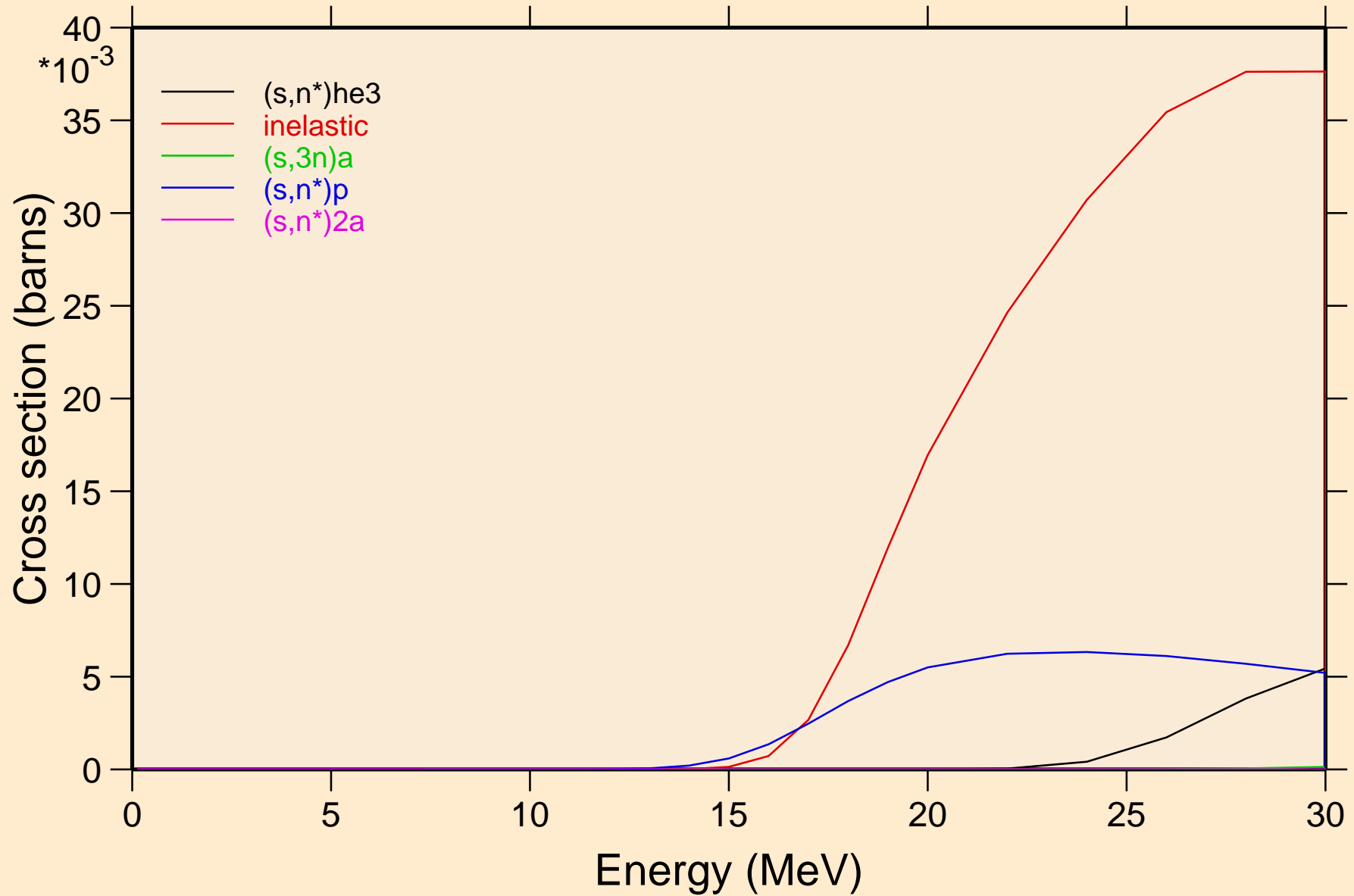
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



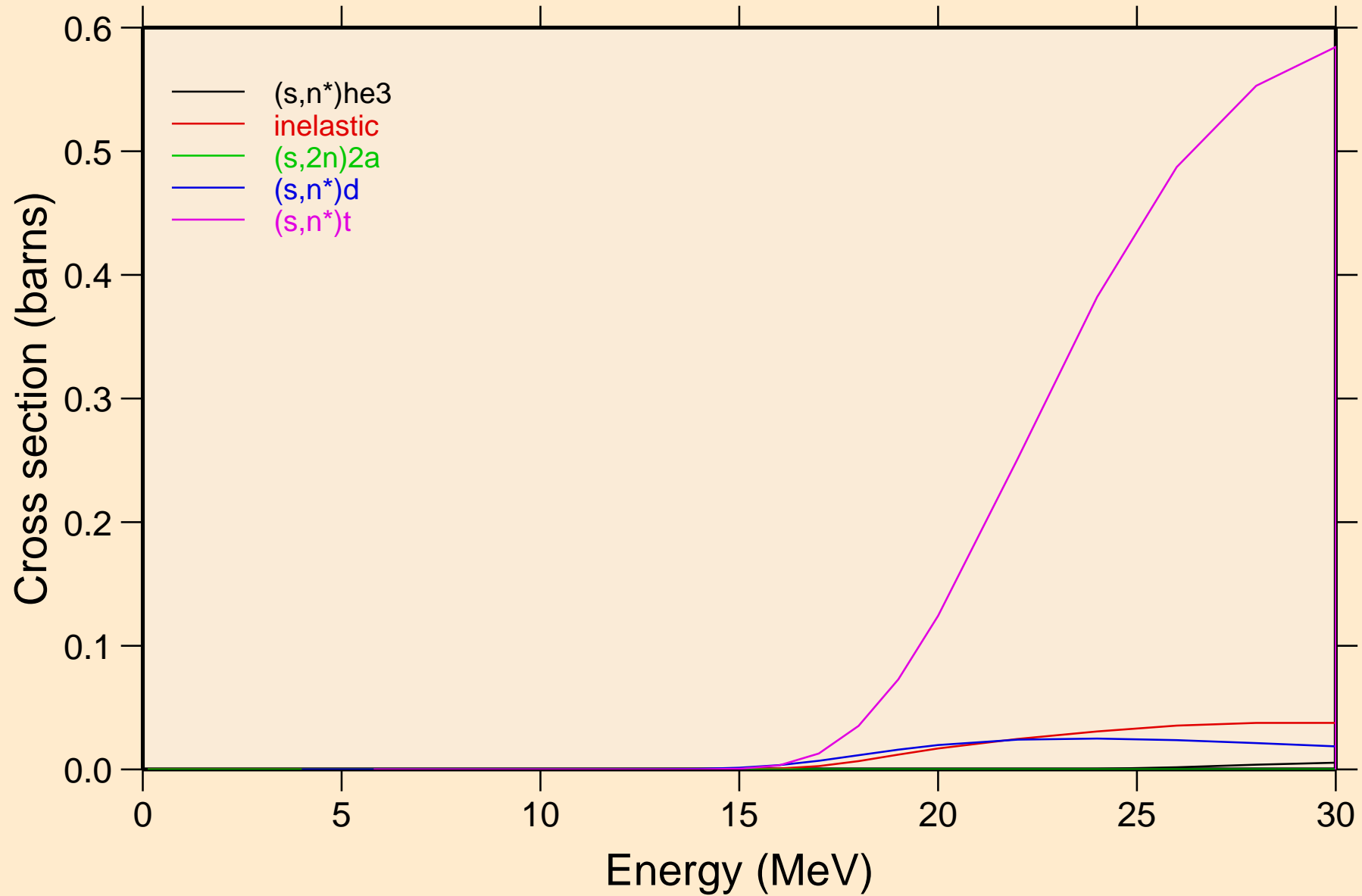
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



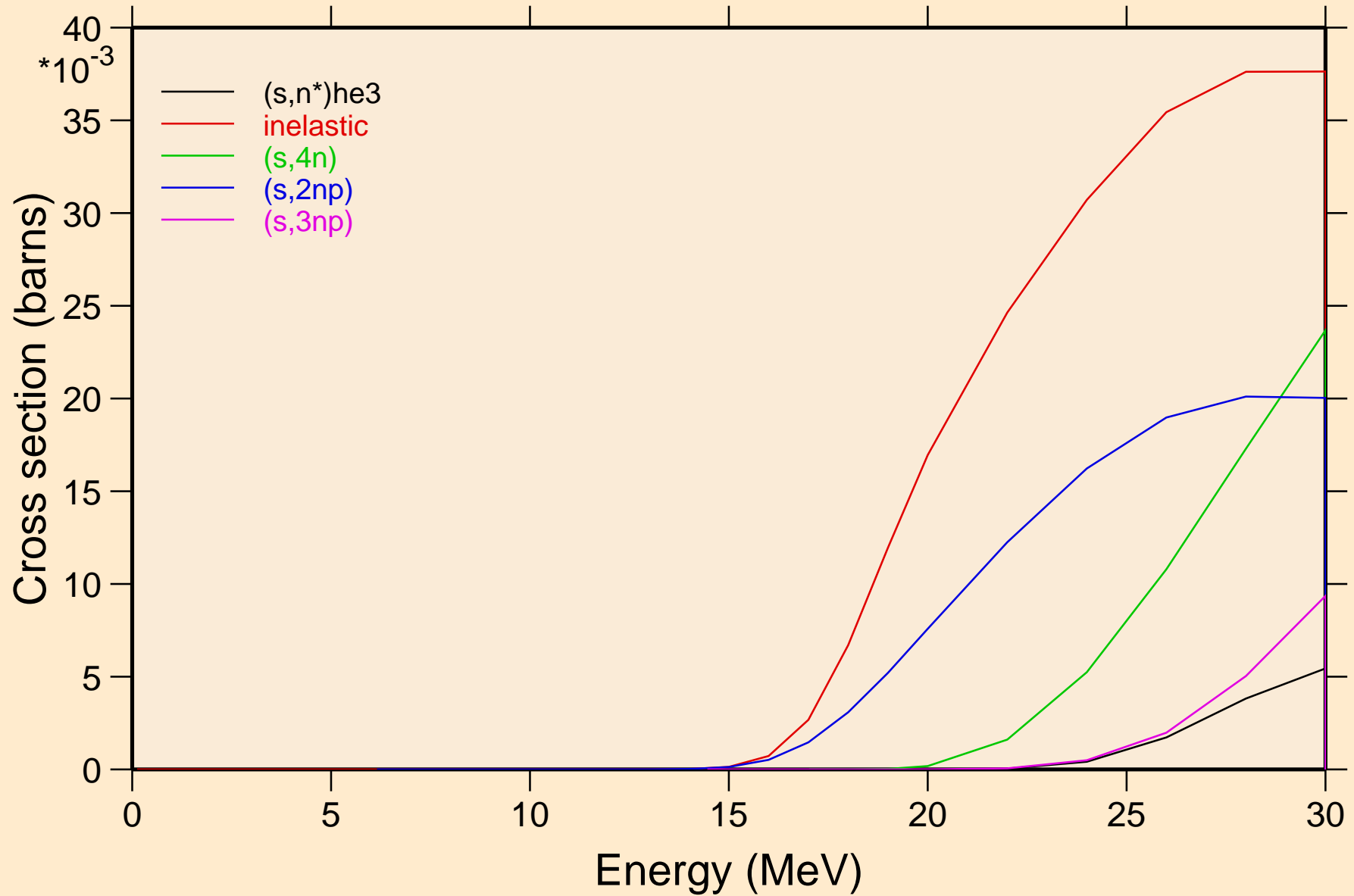
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



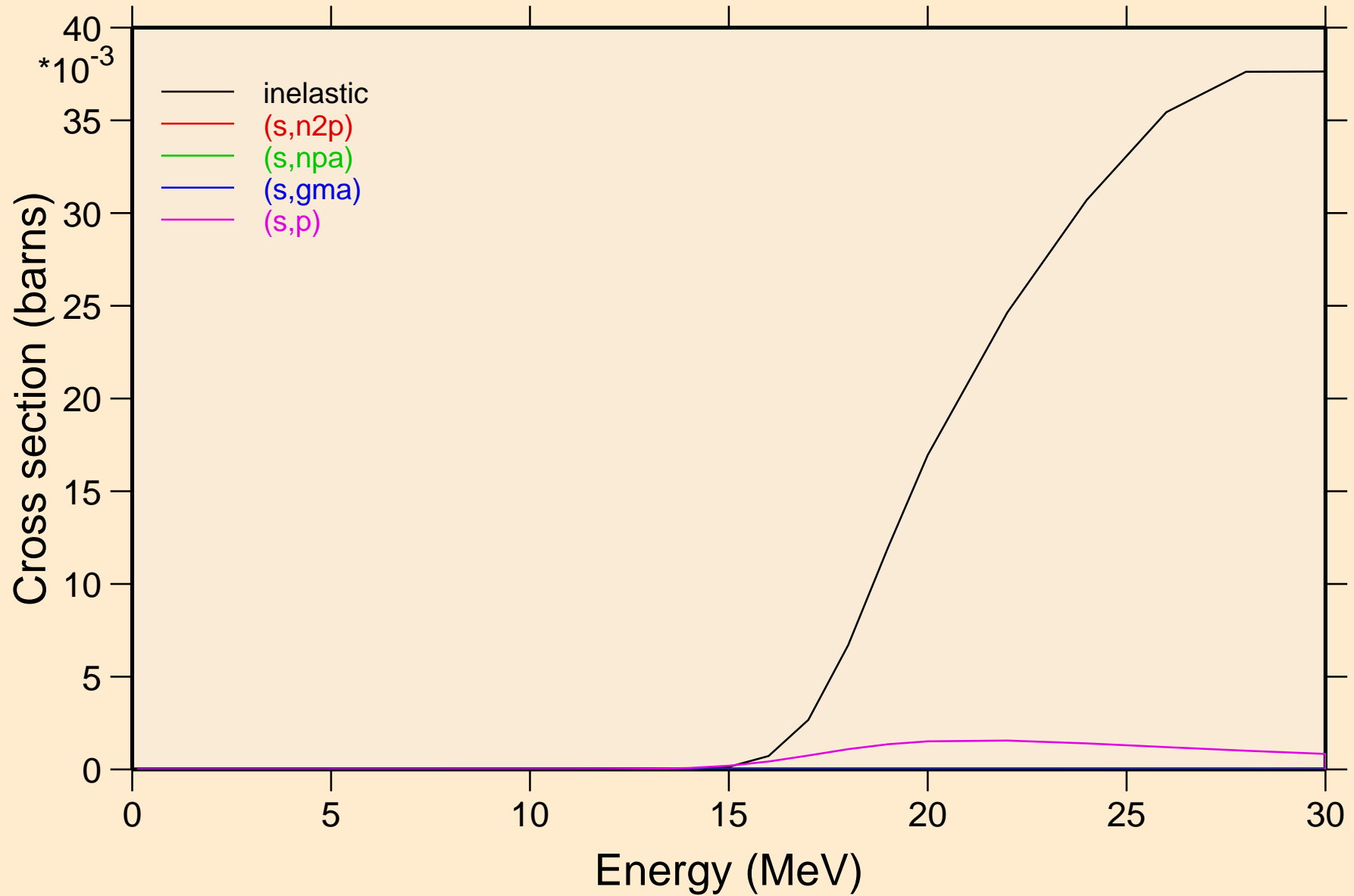
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



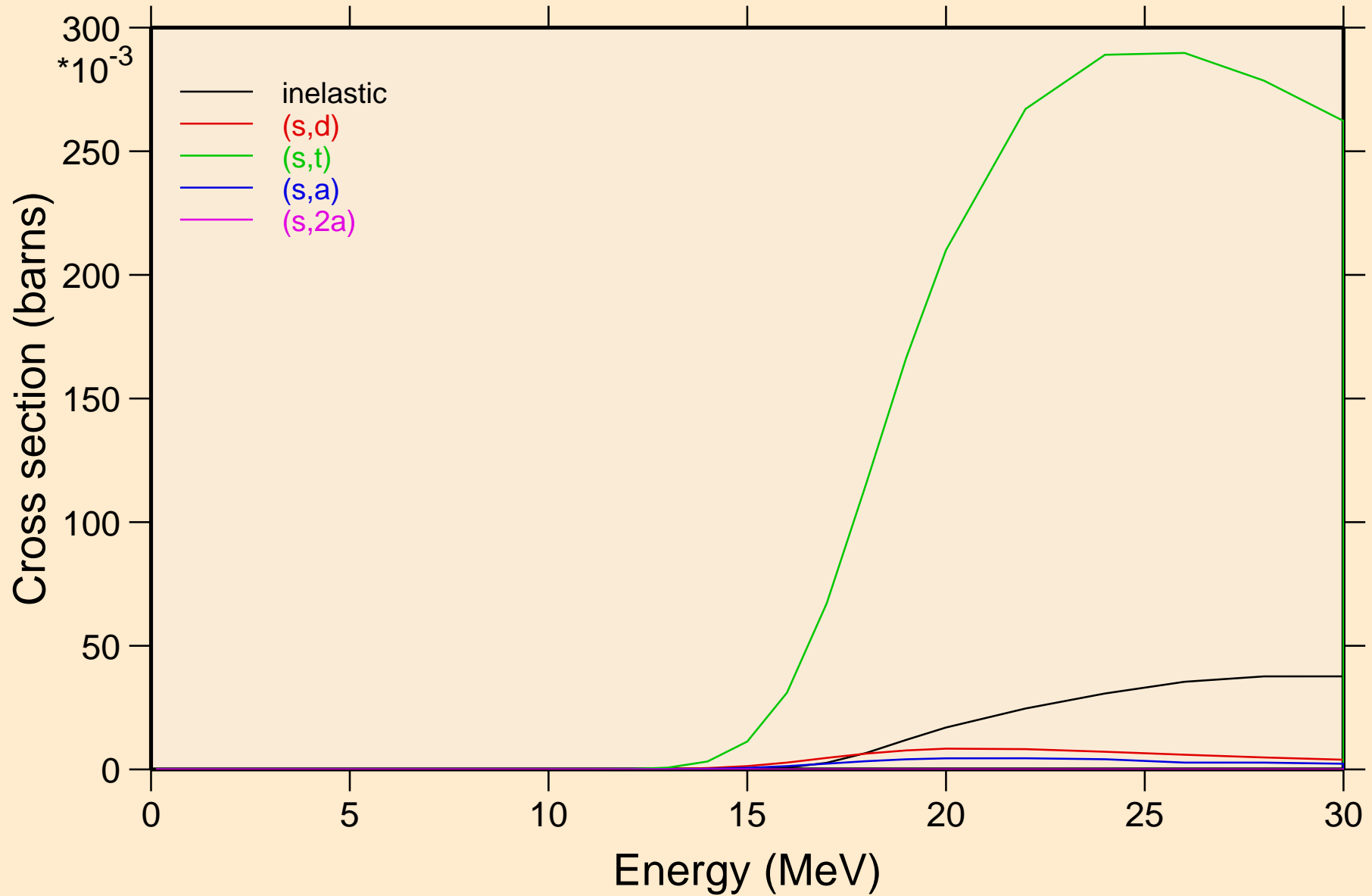
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



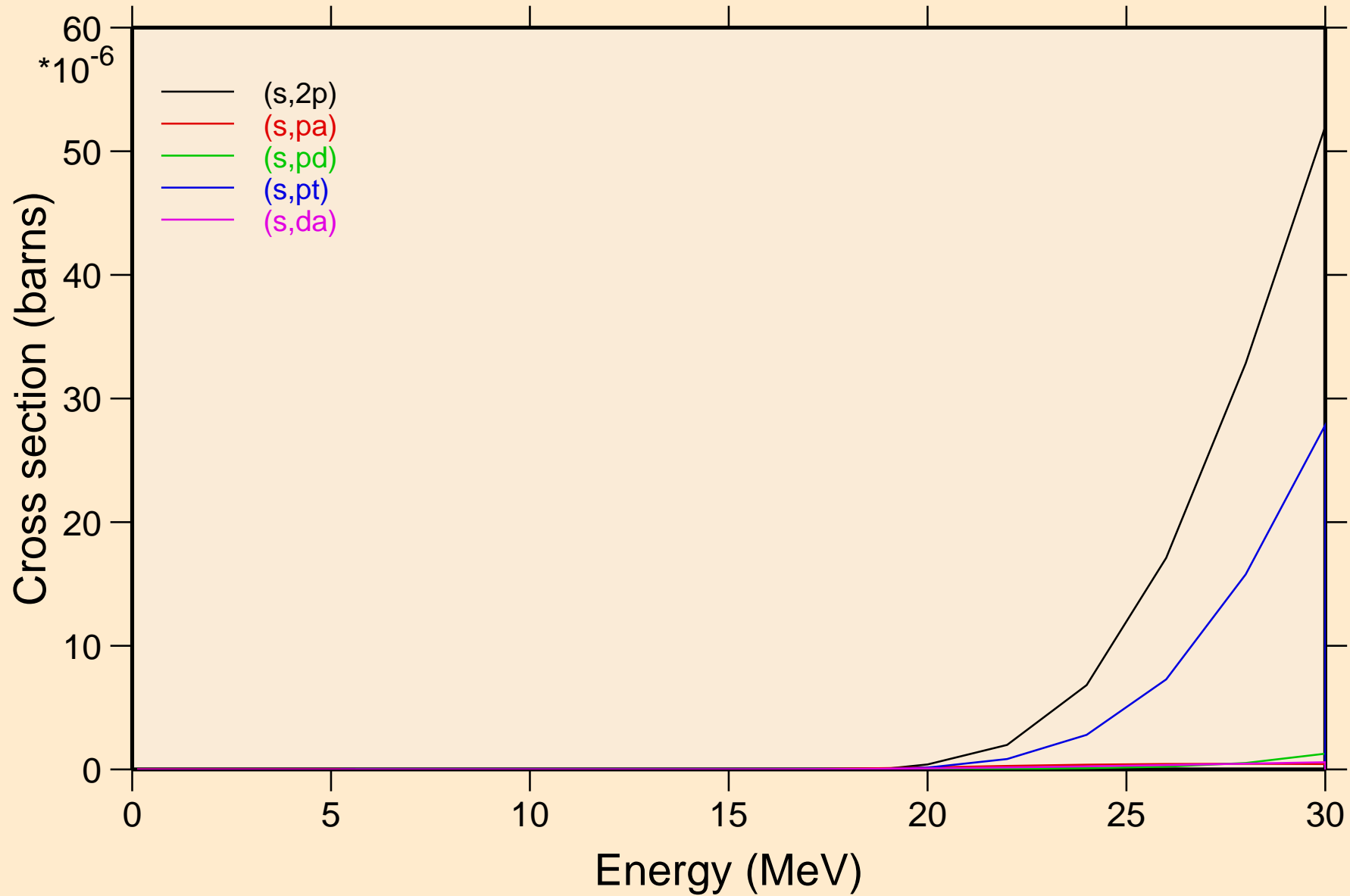
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



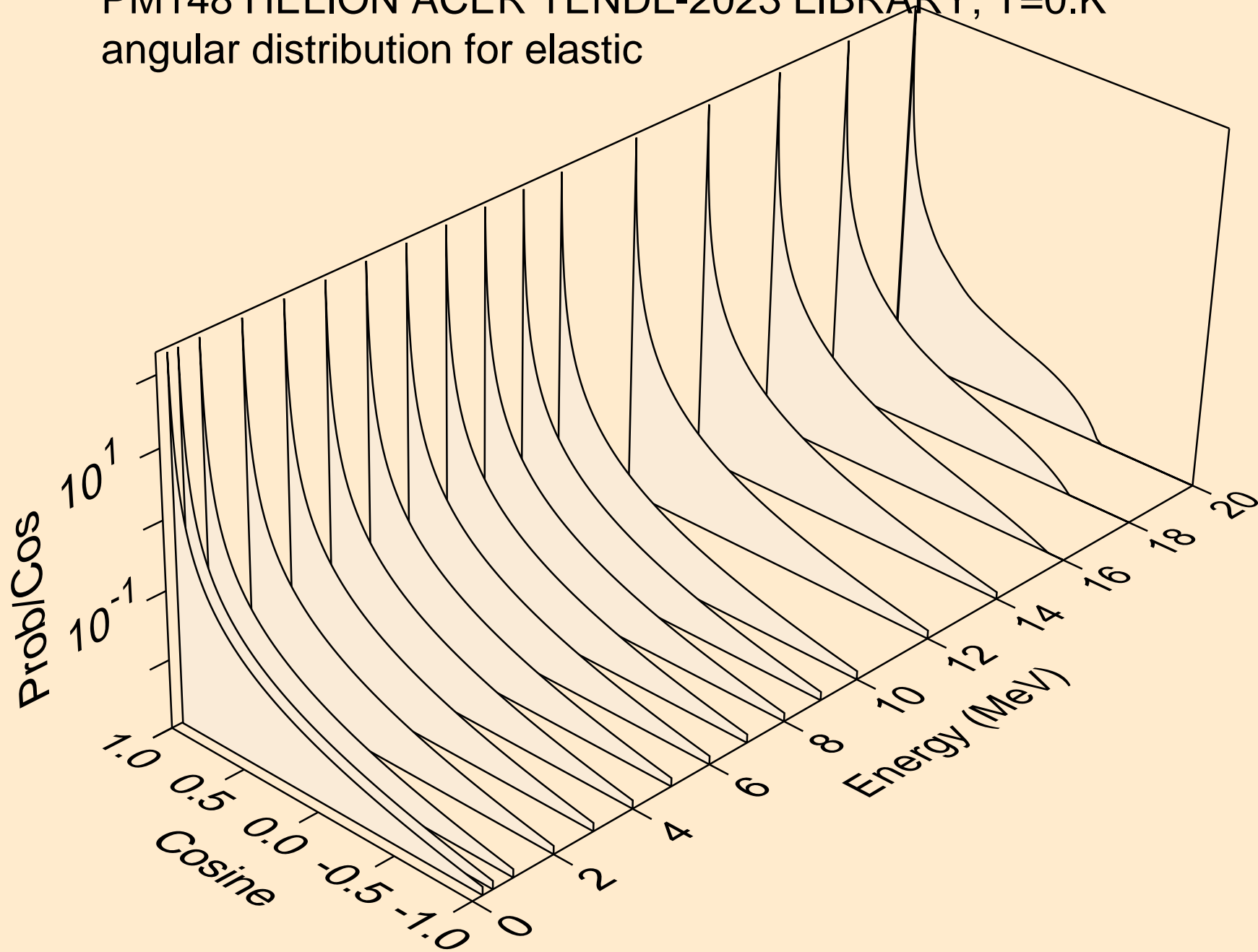
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



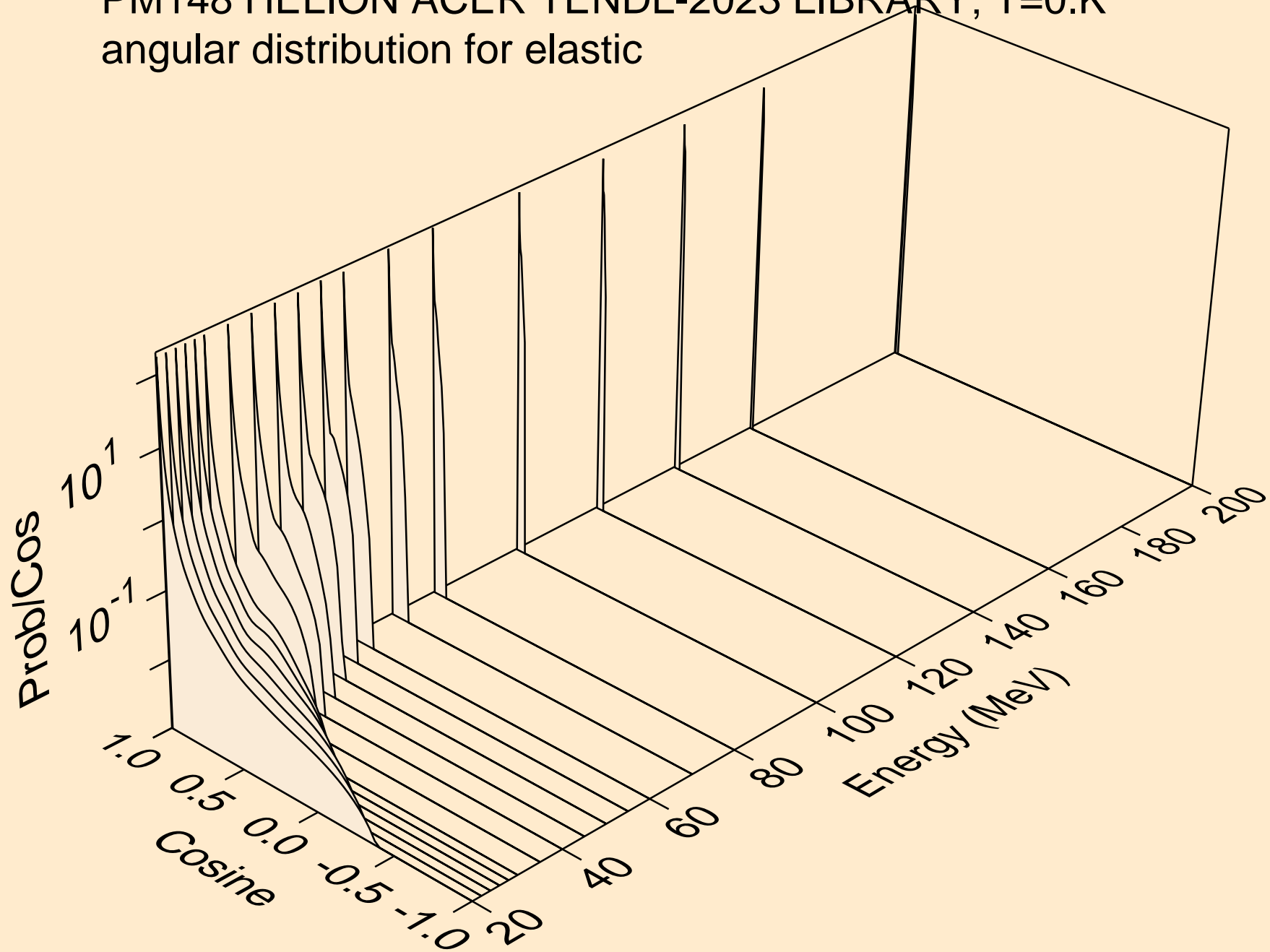
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



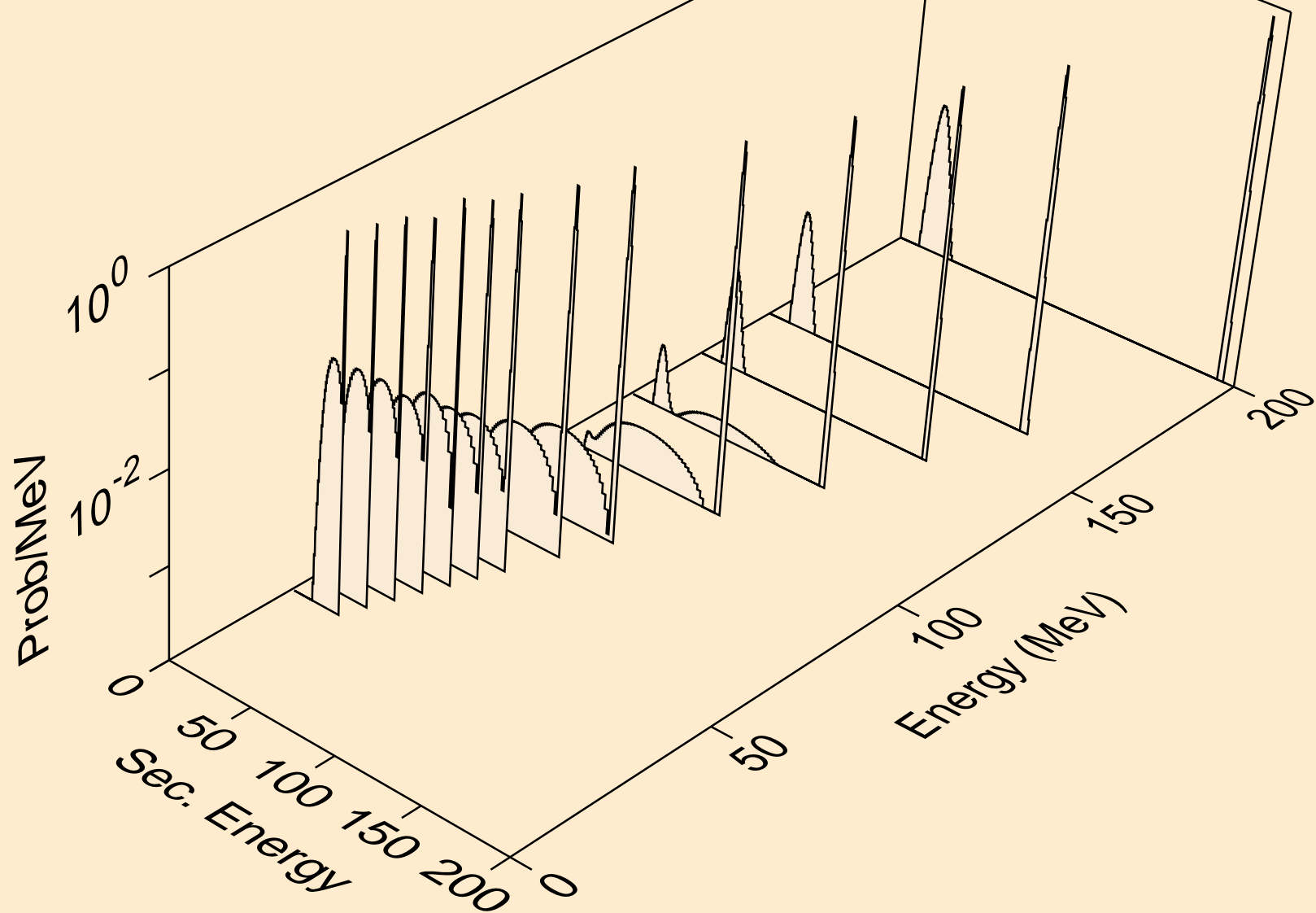
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



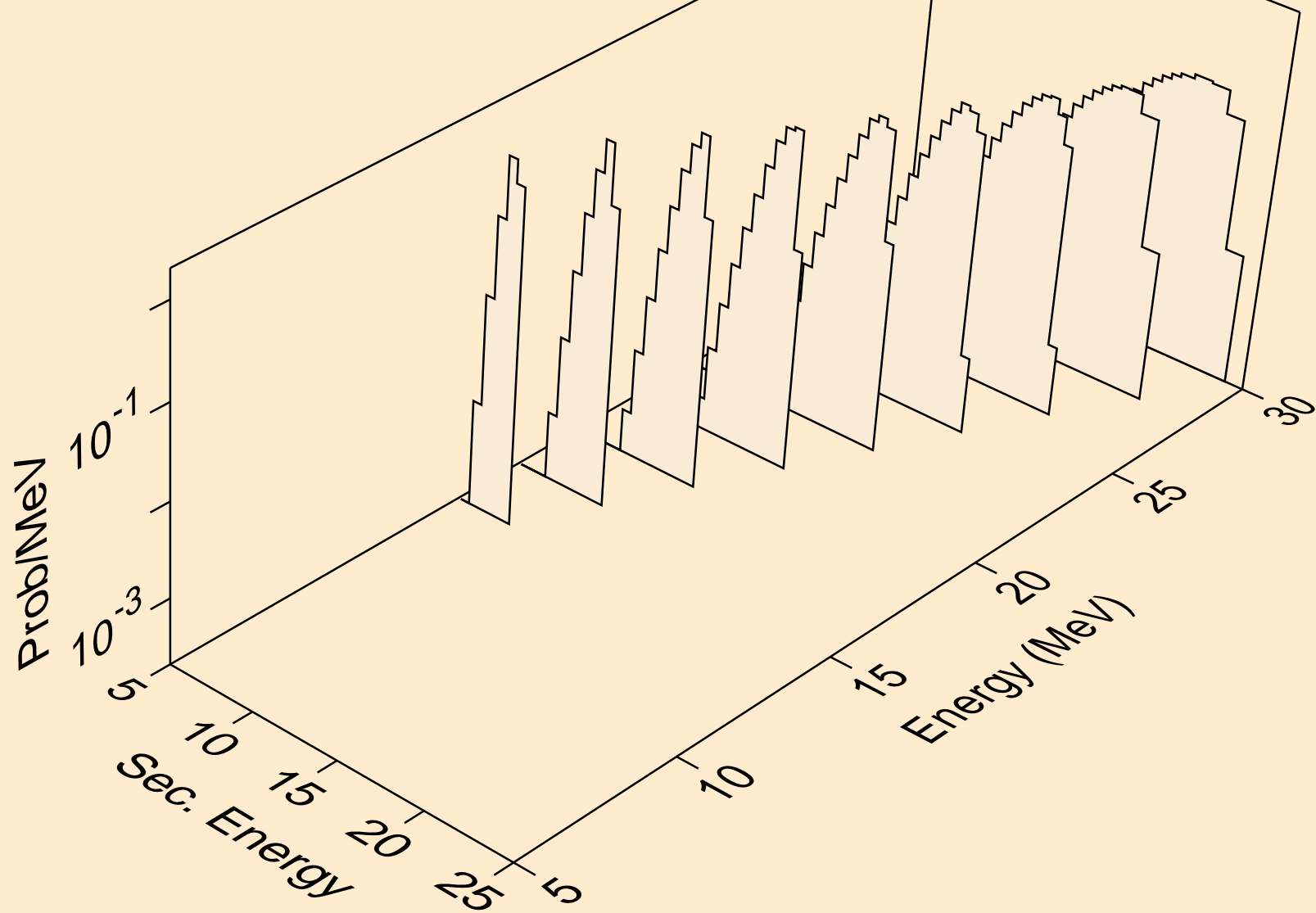
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



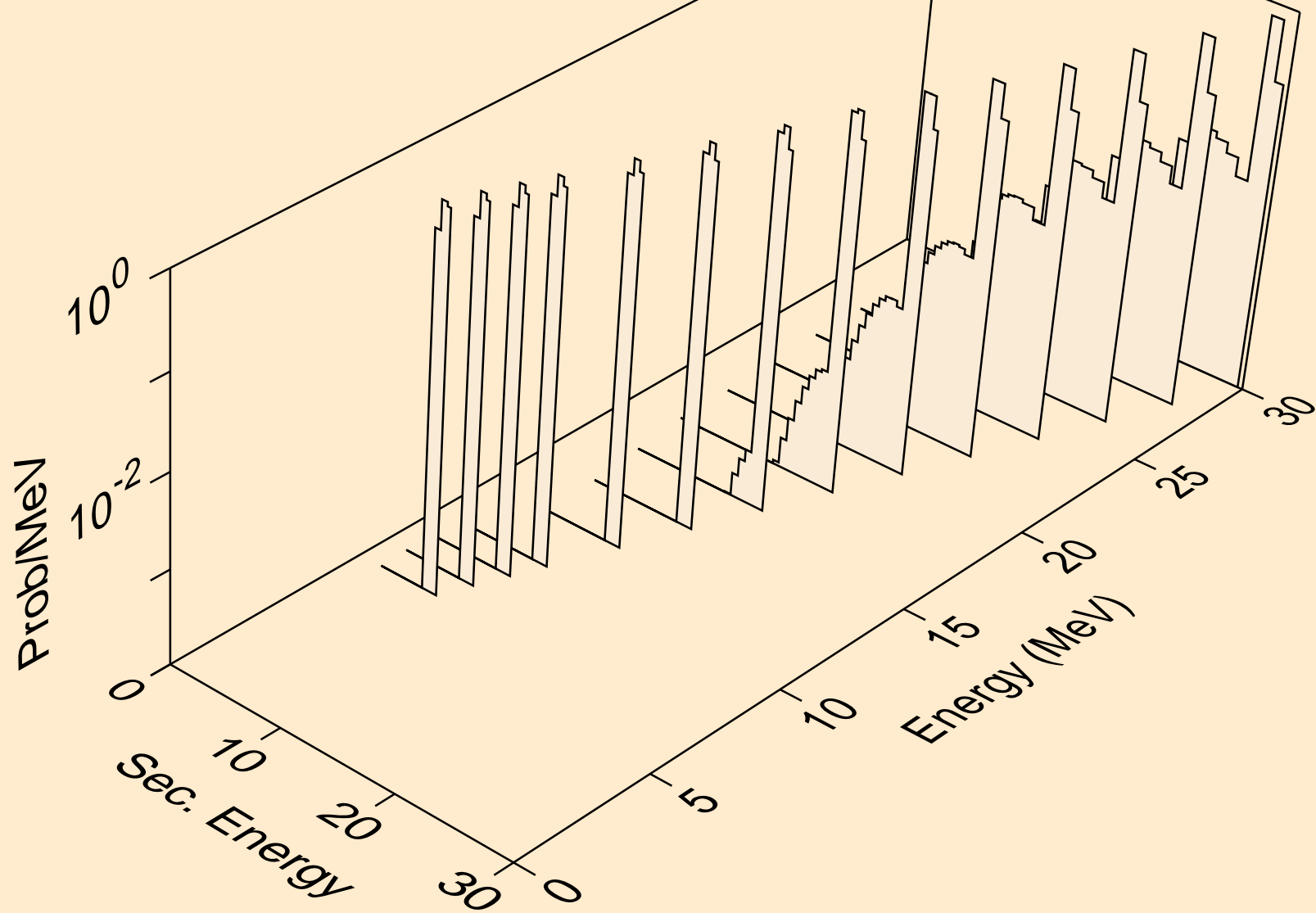
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,x)



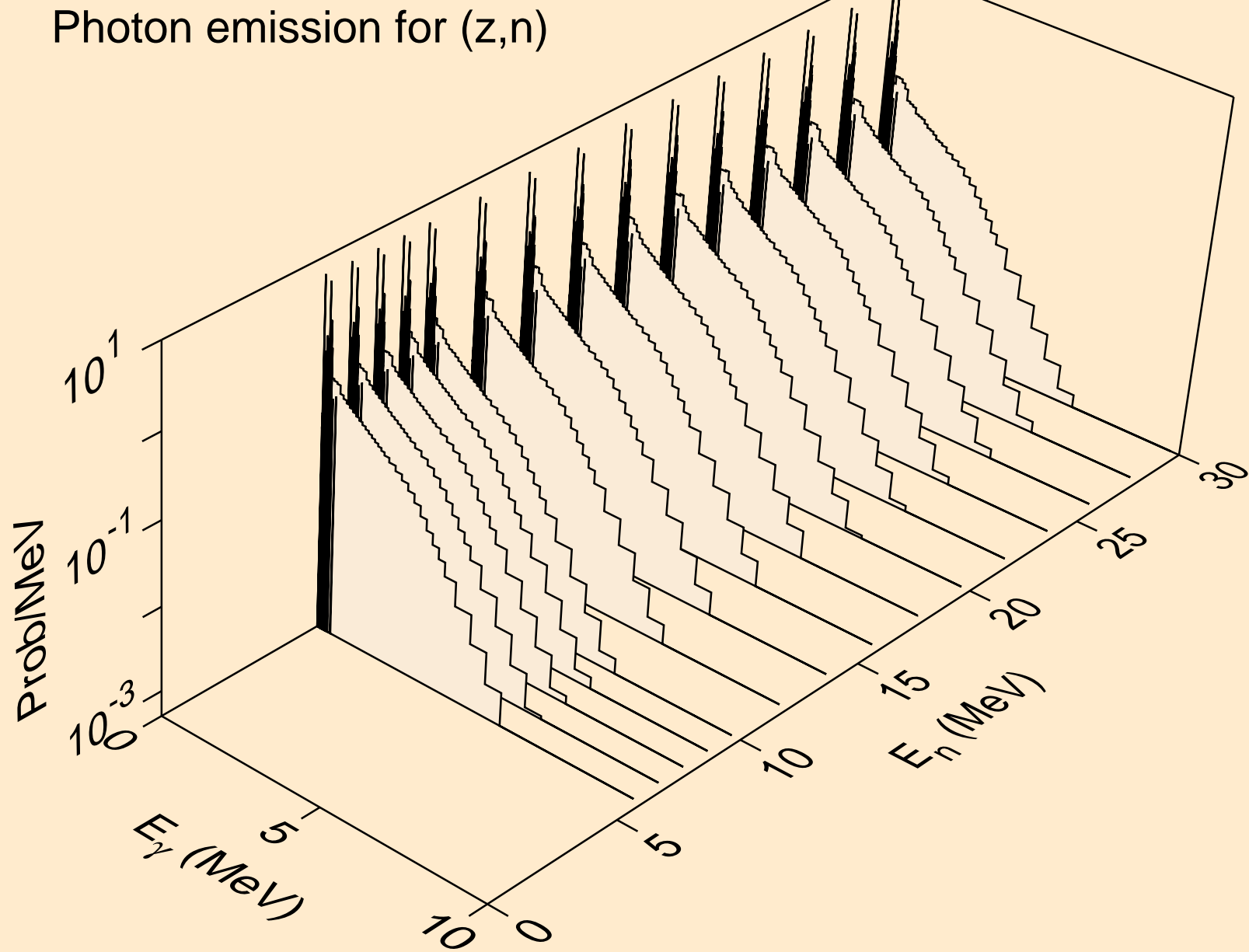
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



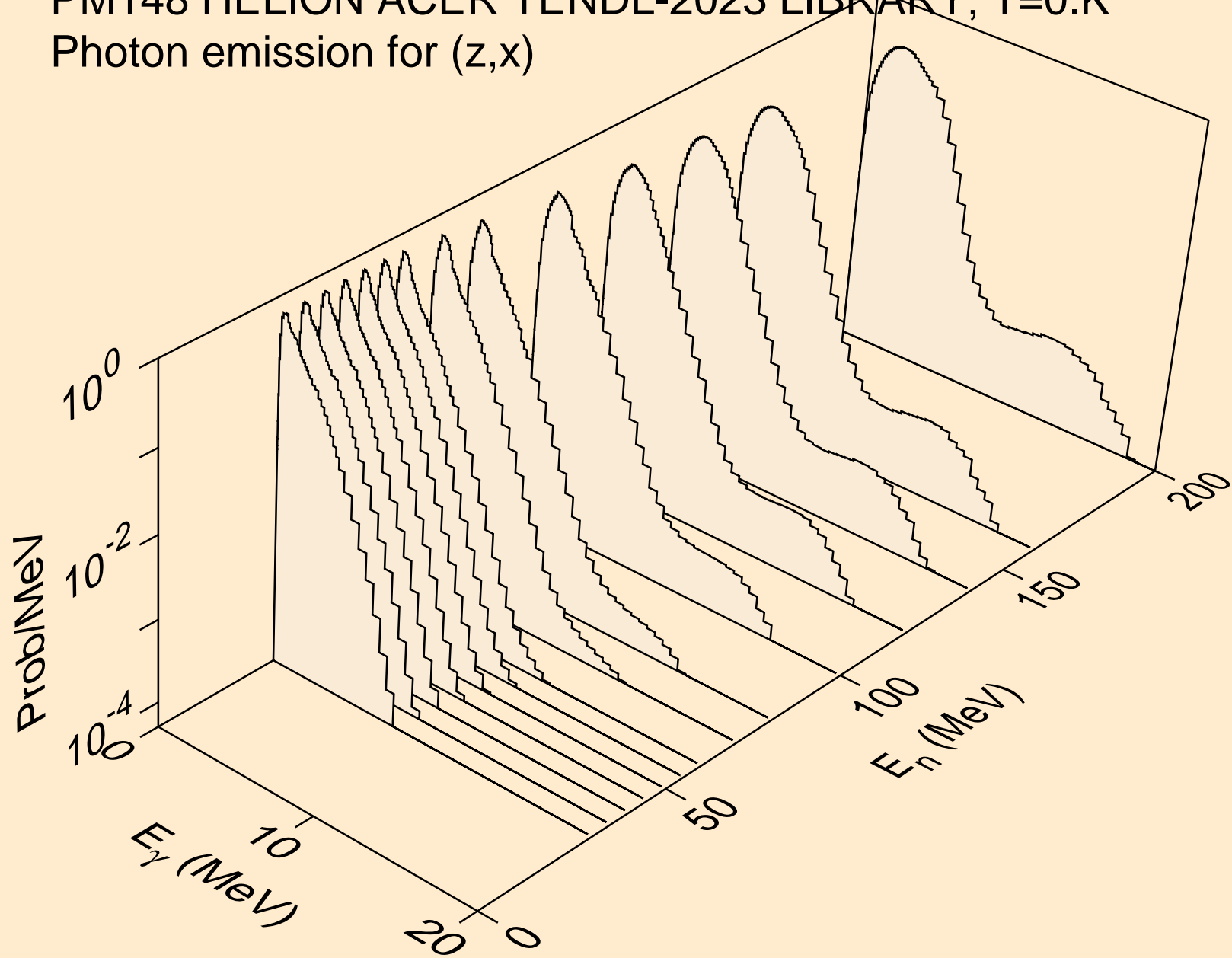
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for inelastic



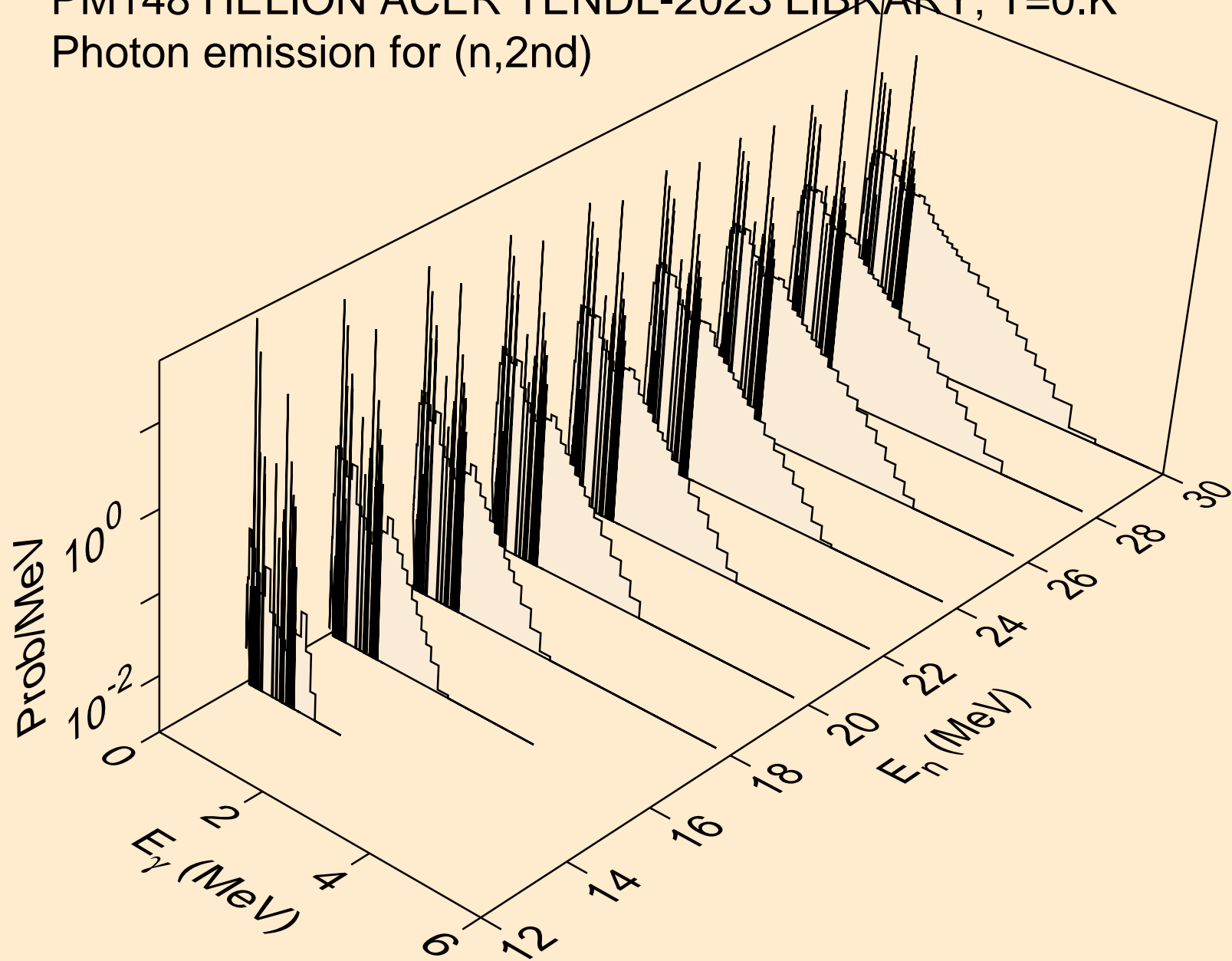
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



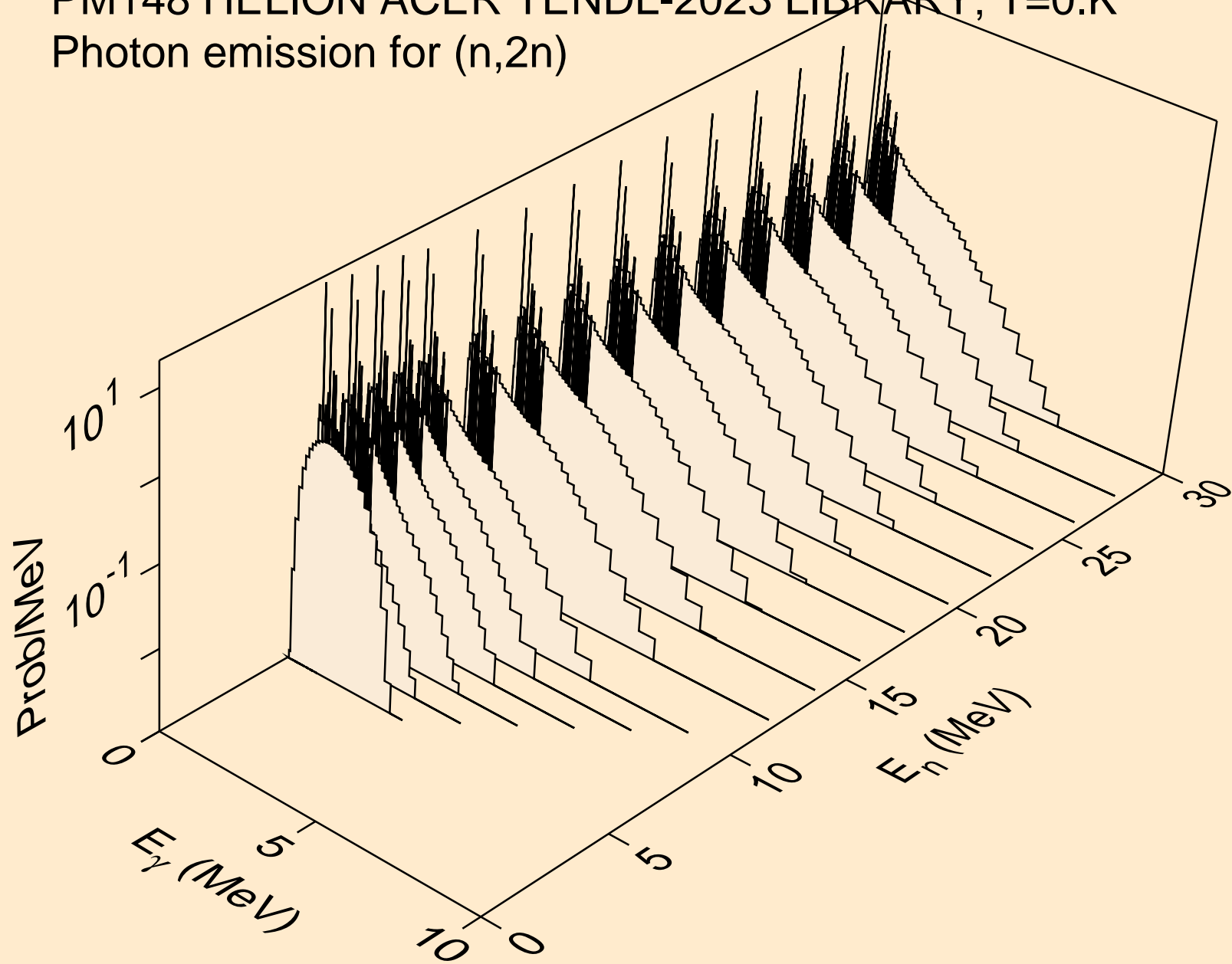
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



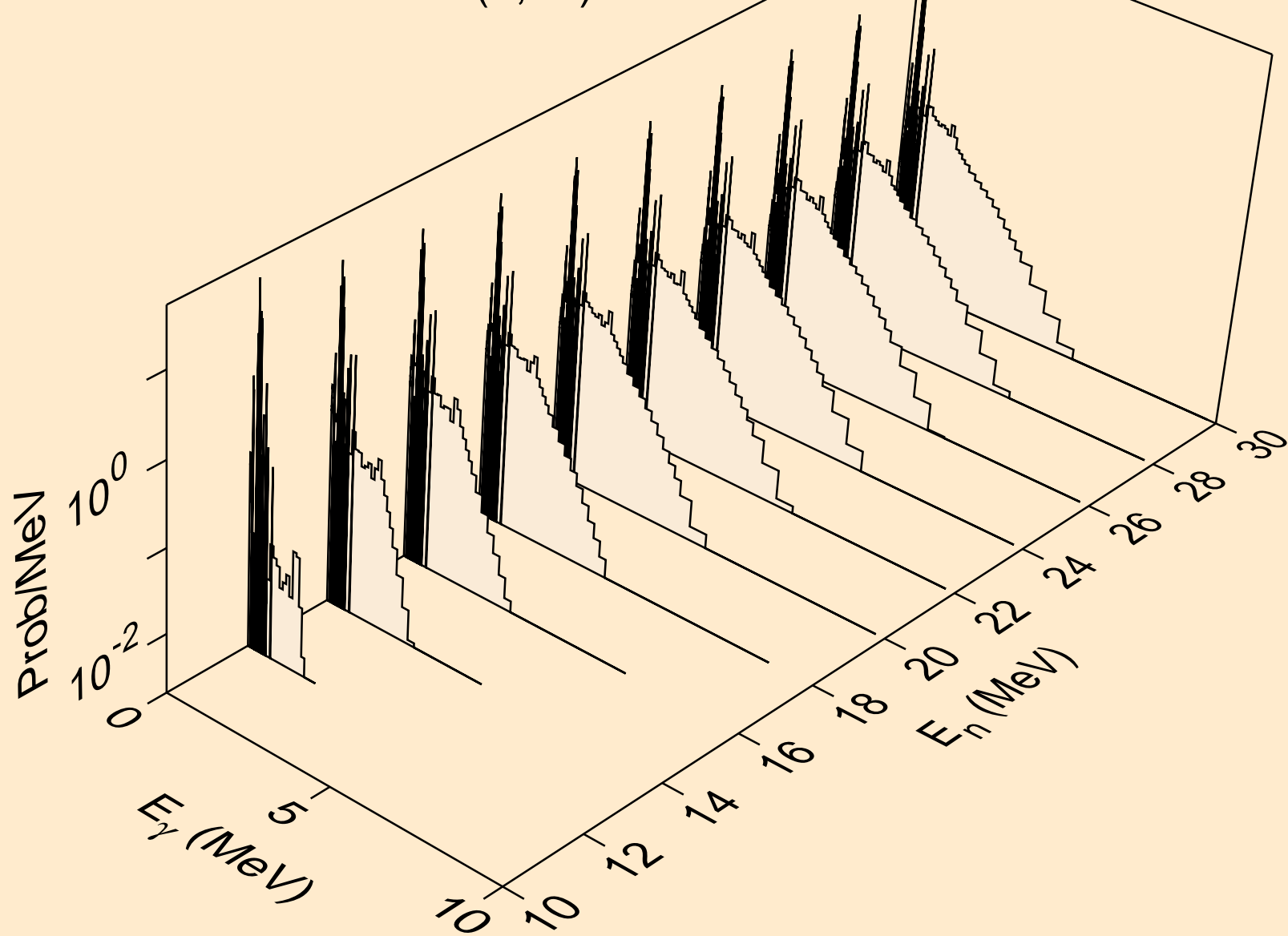
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



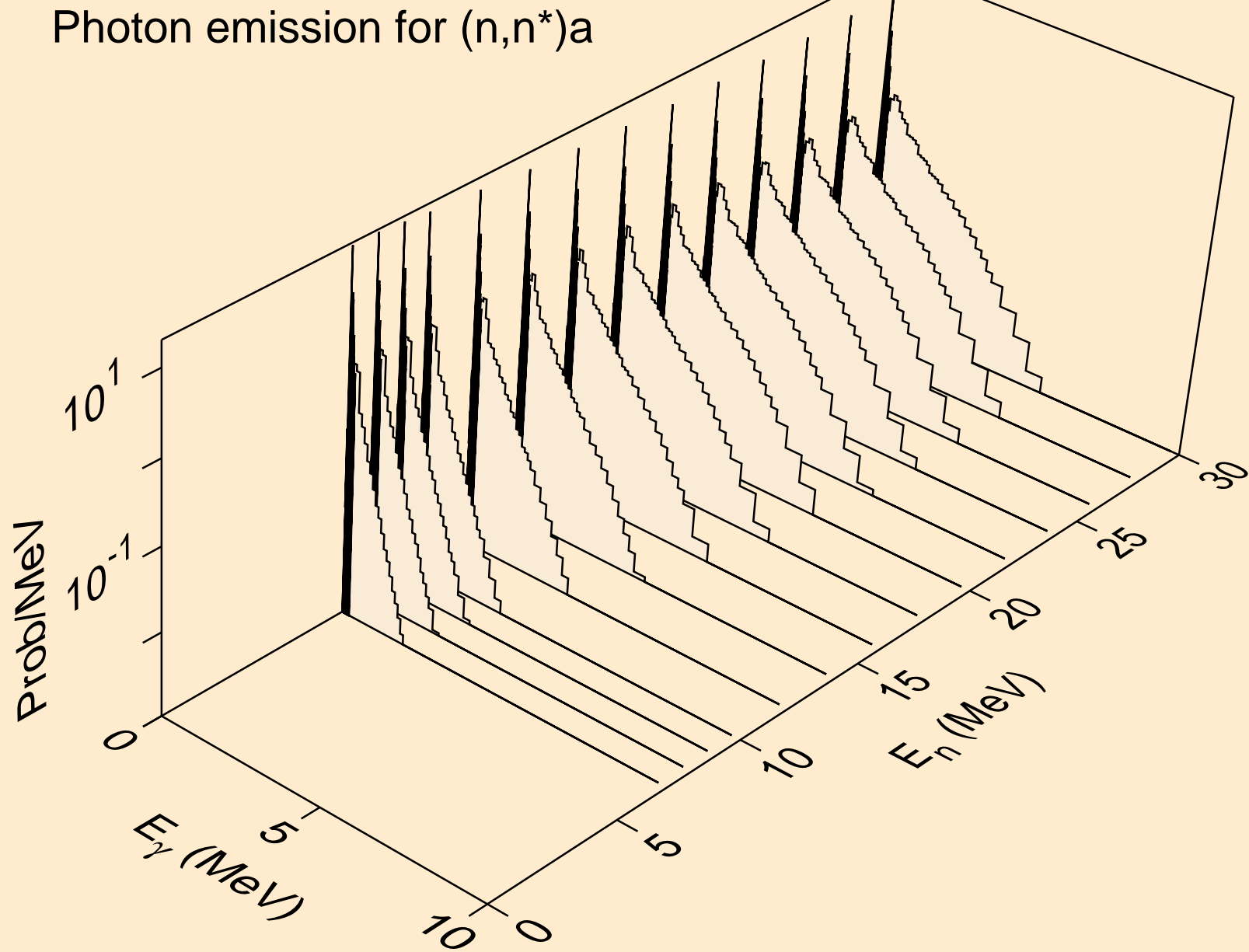
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



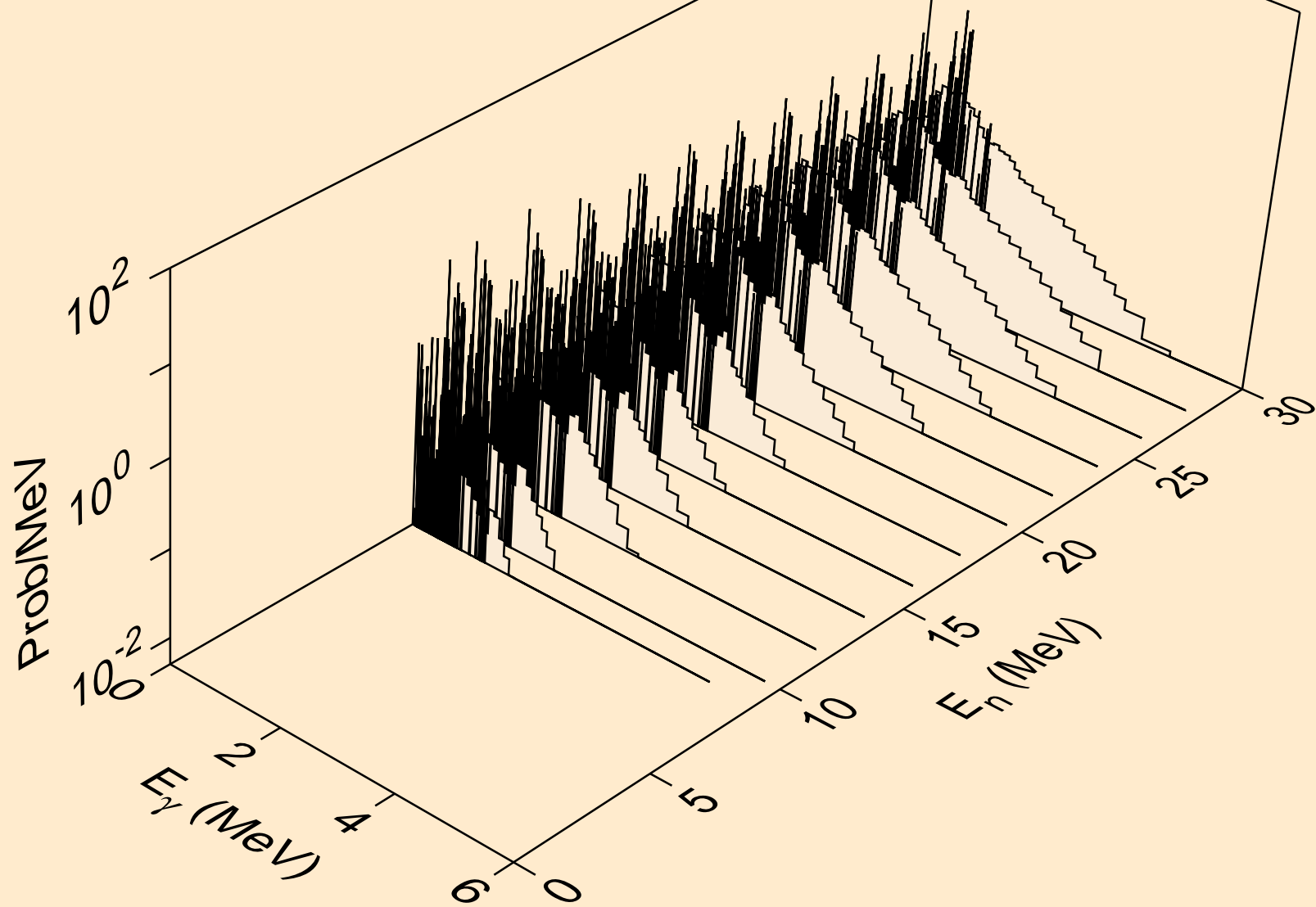
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



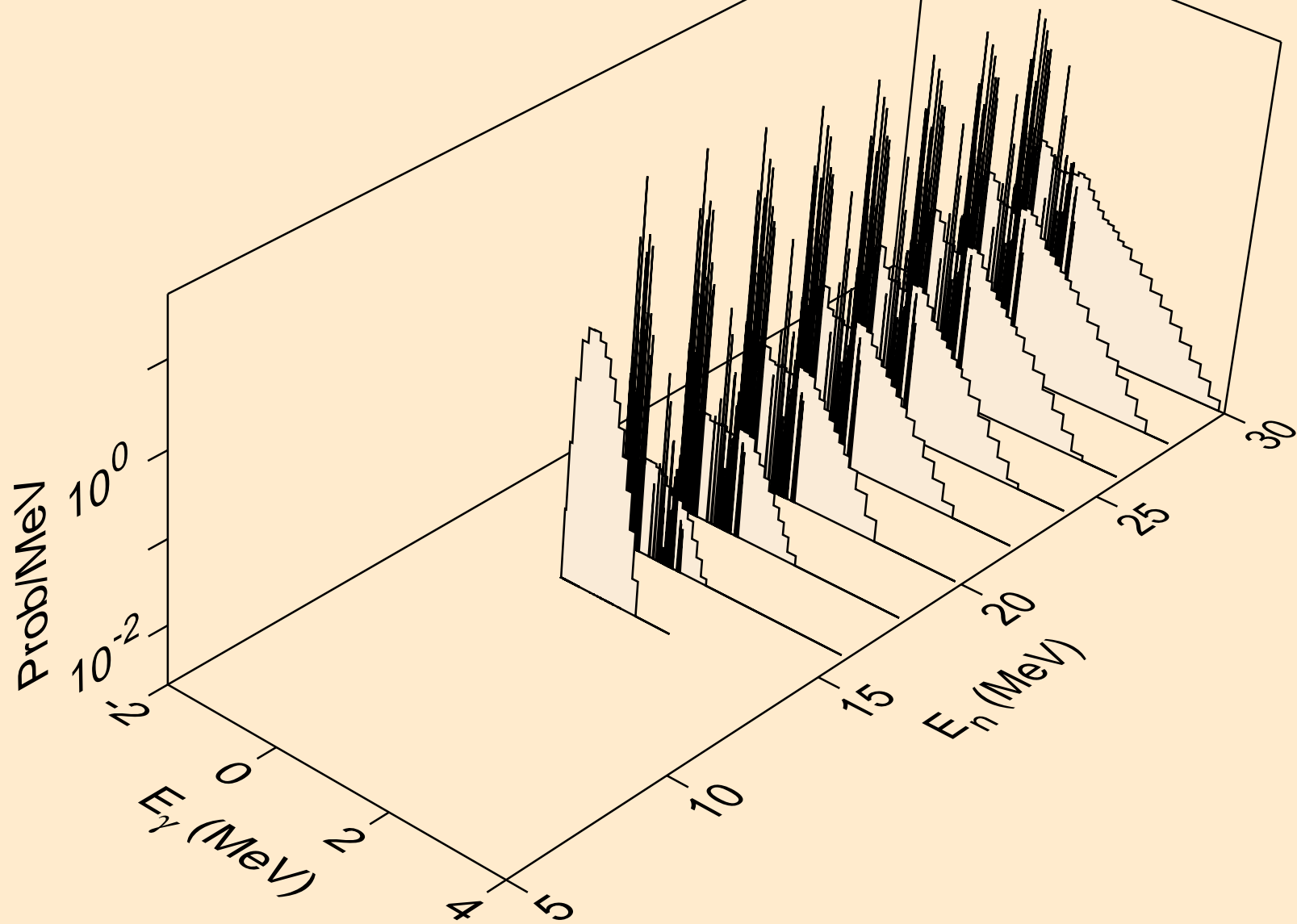
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



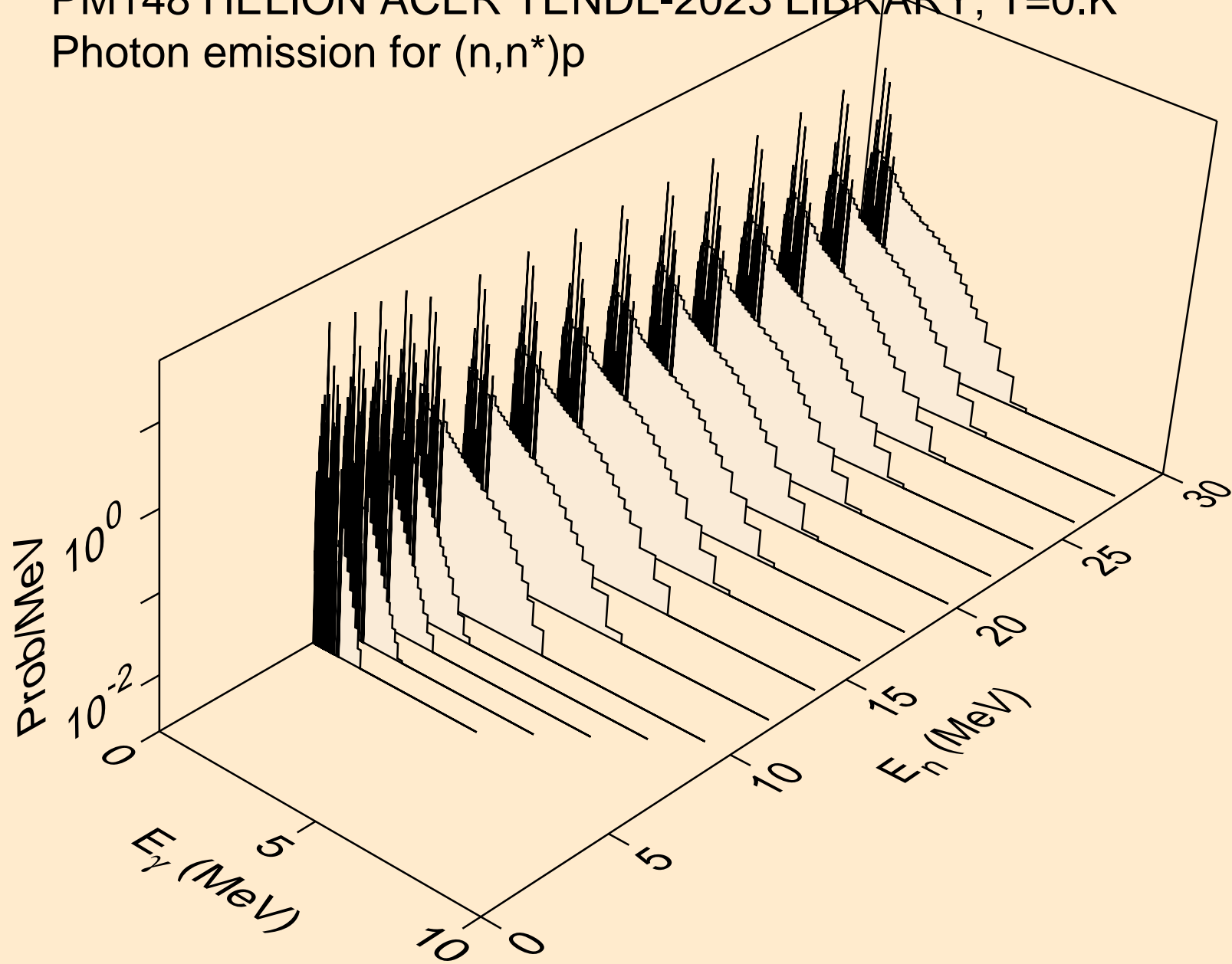
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



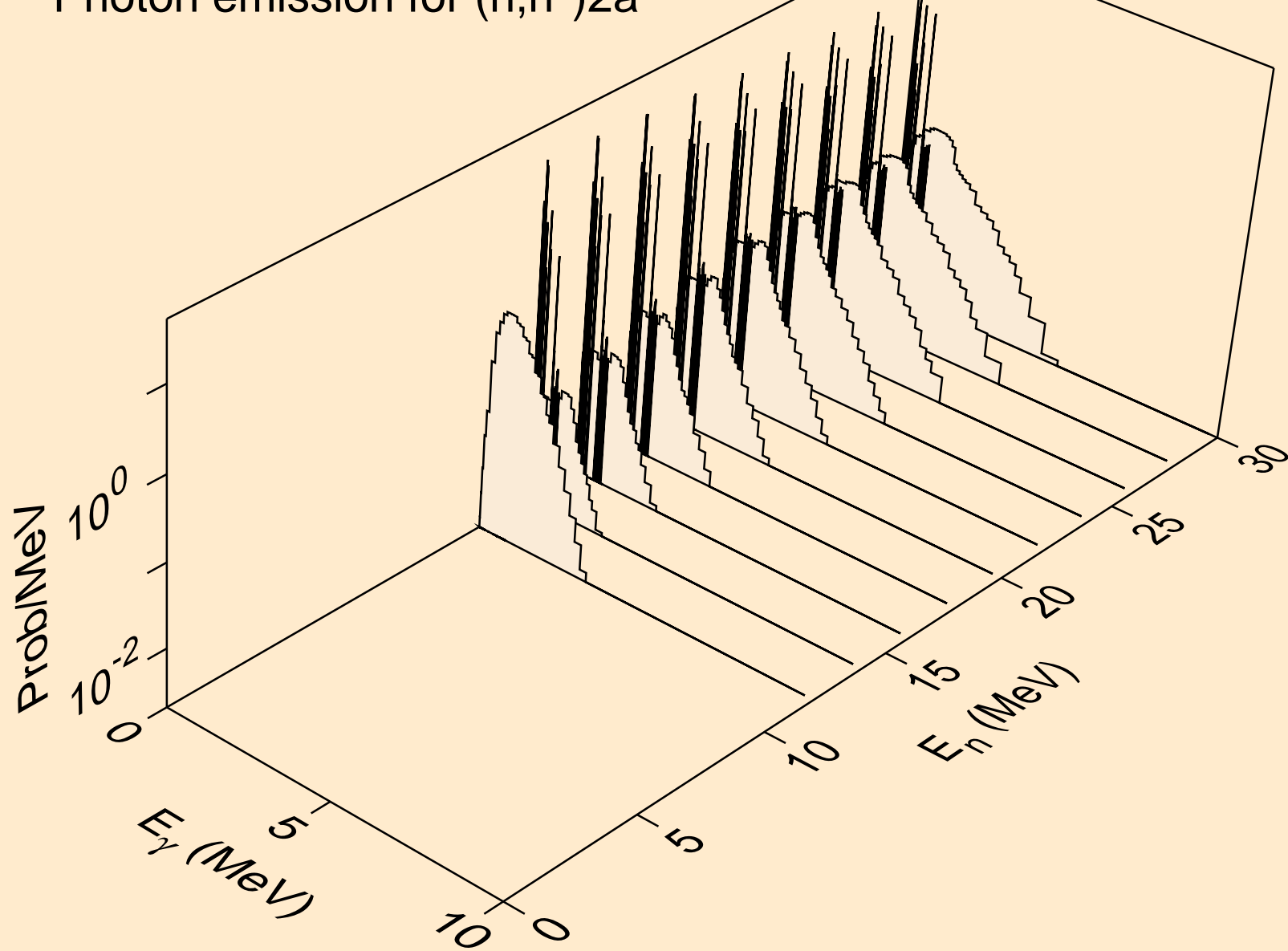
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



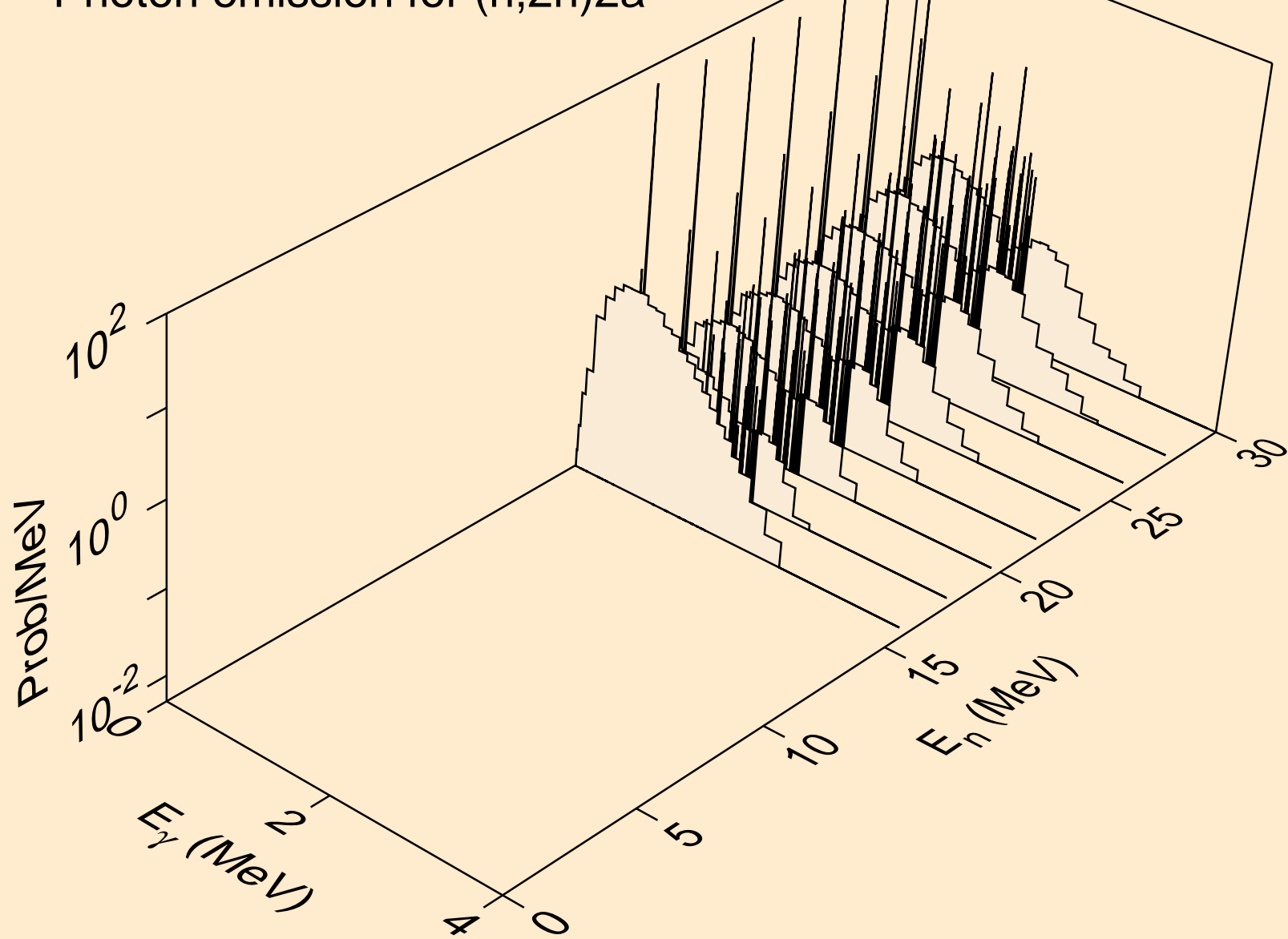
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



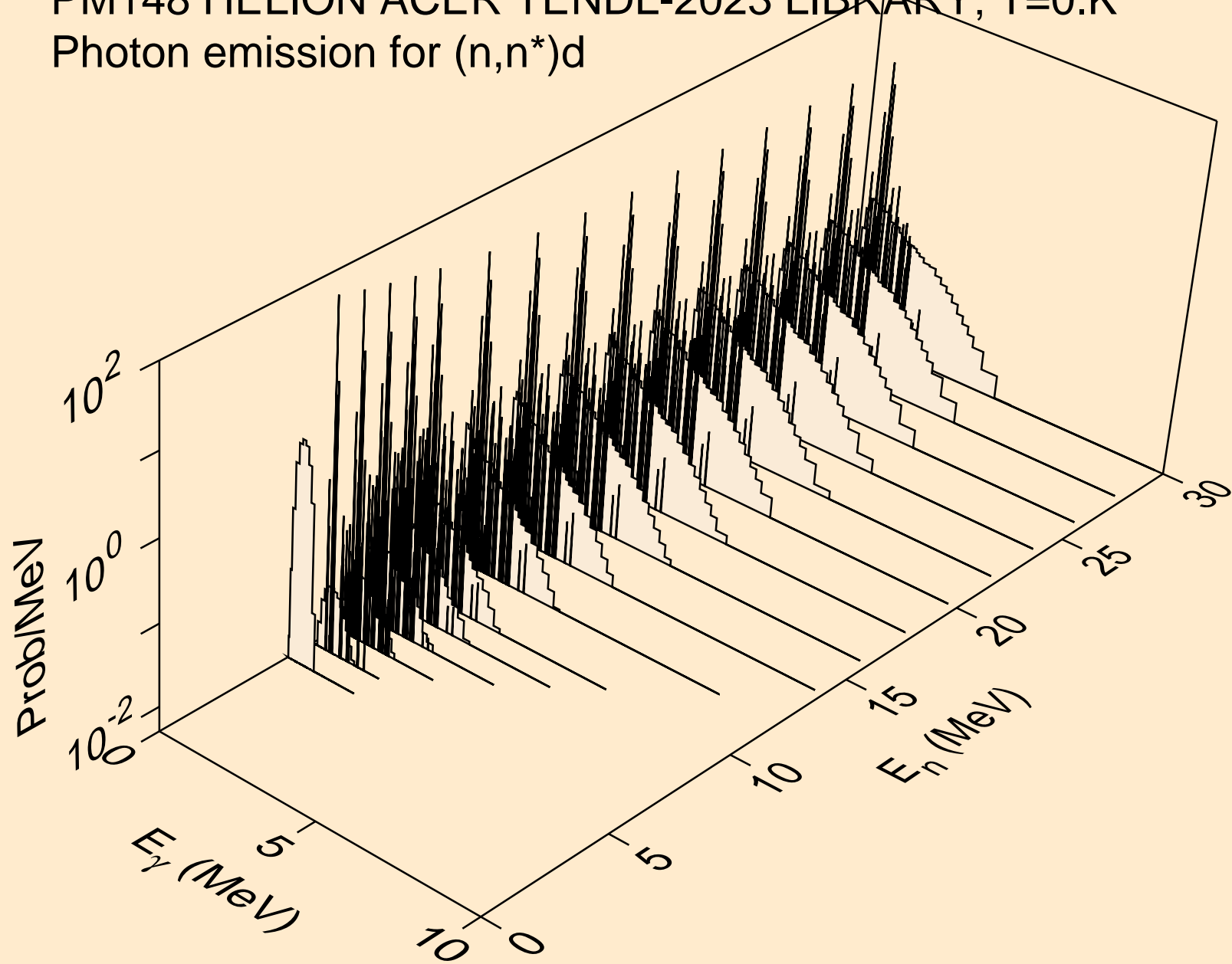
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



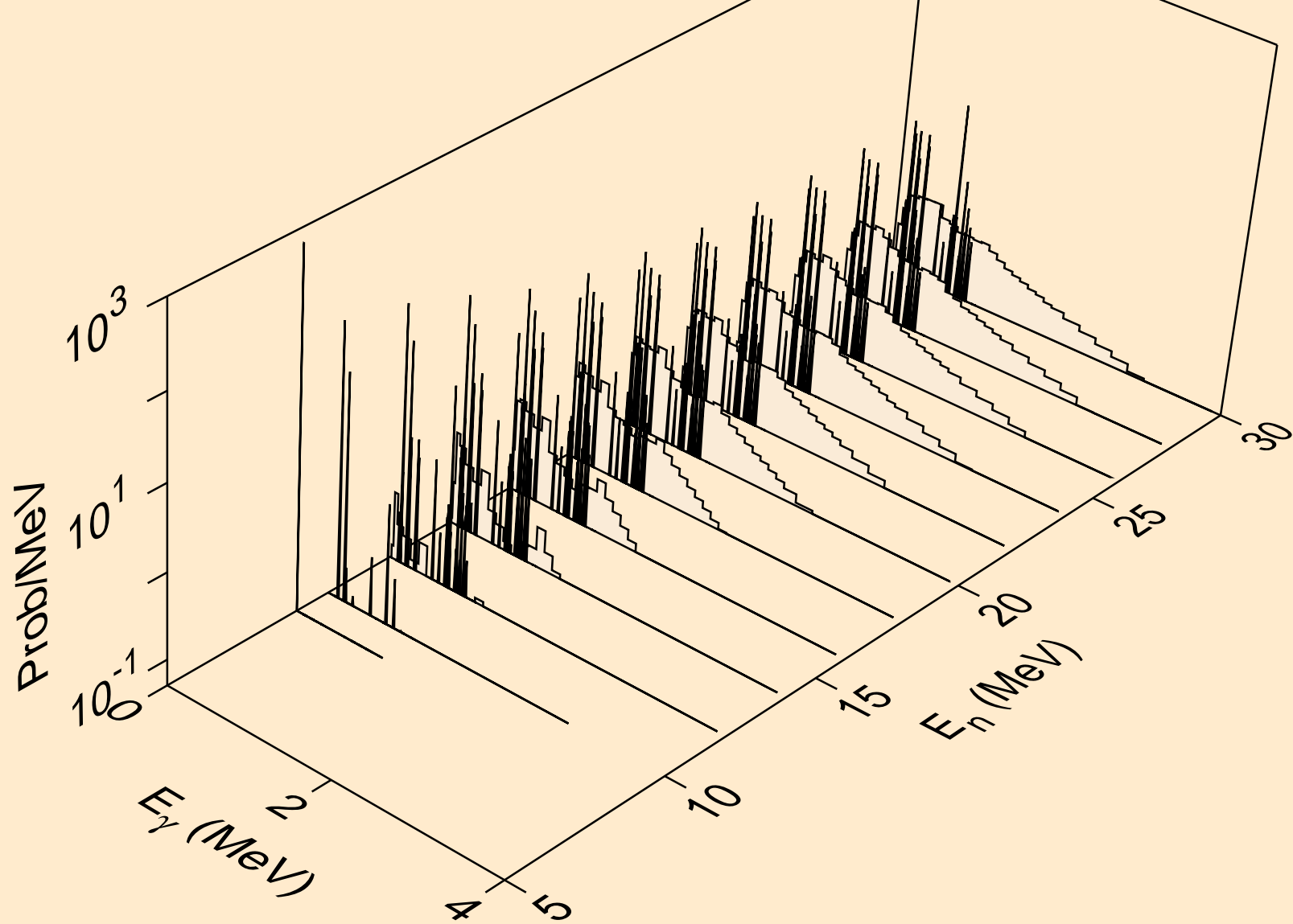
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)2a



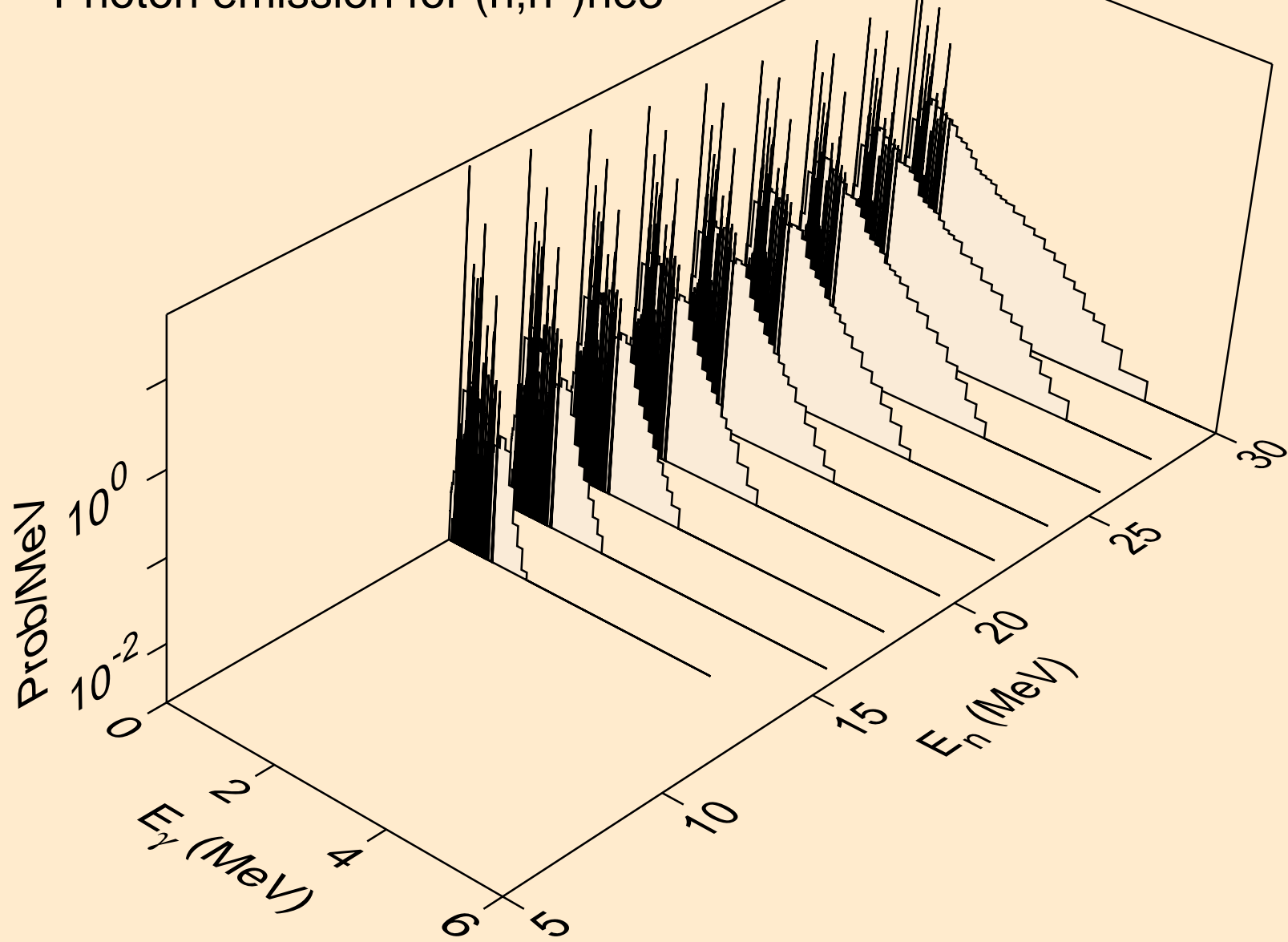
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



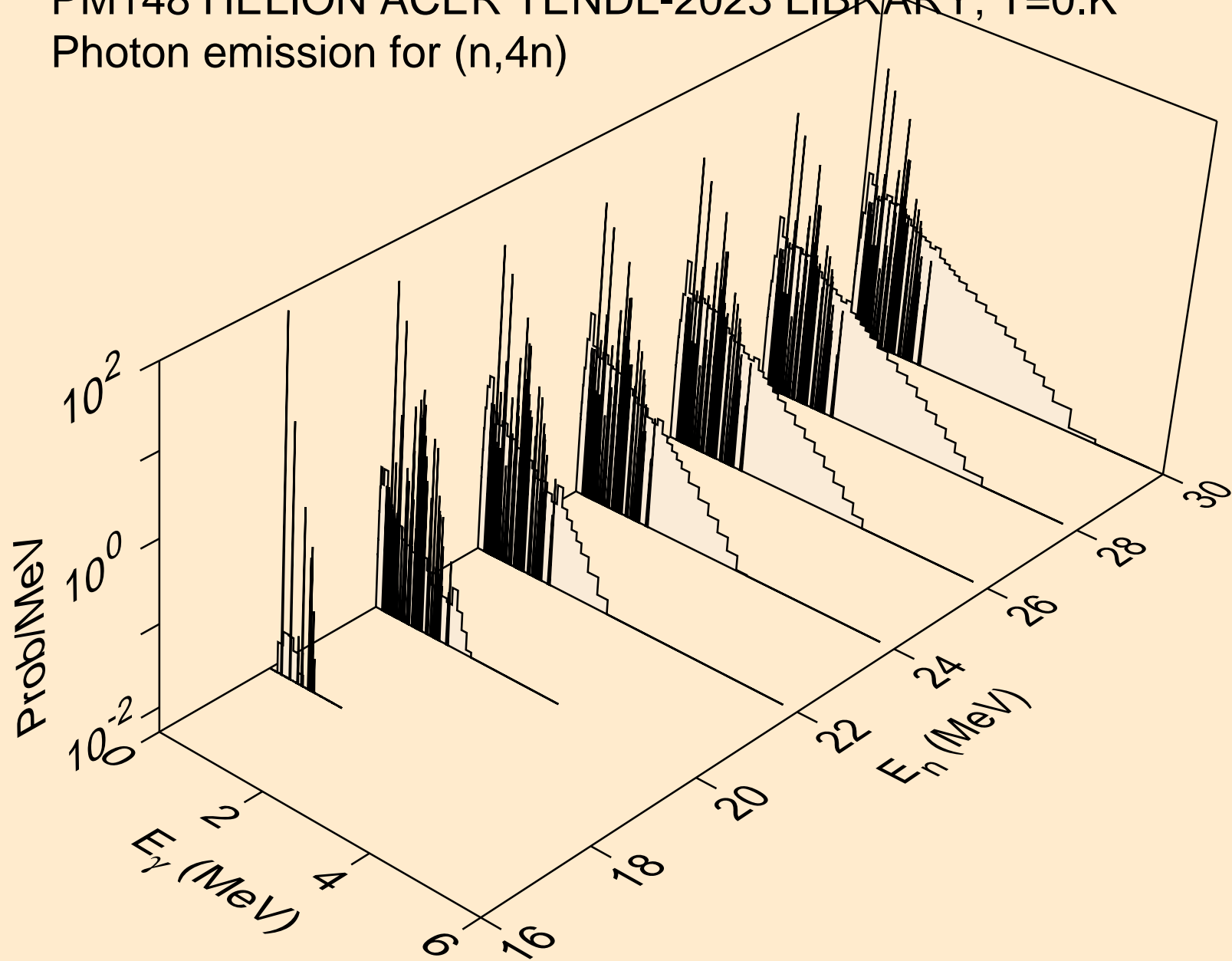
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



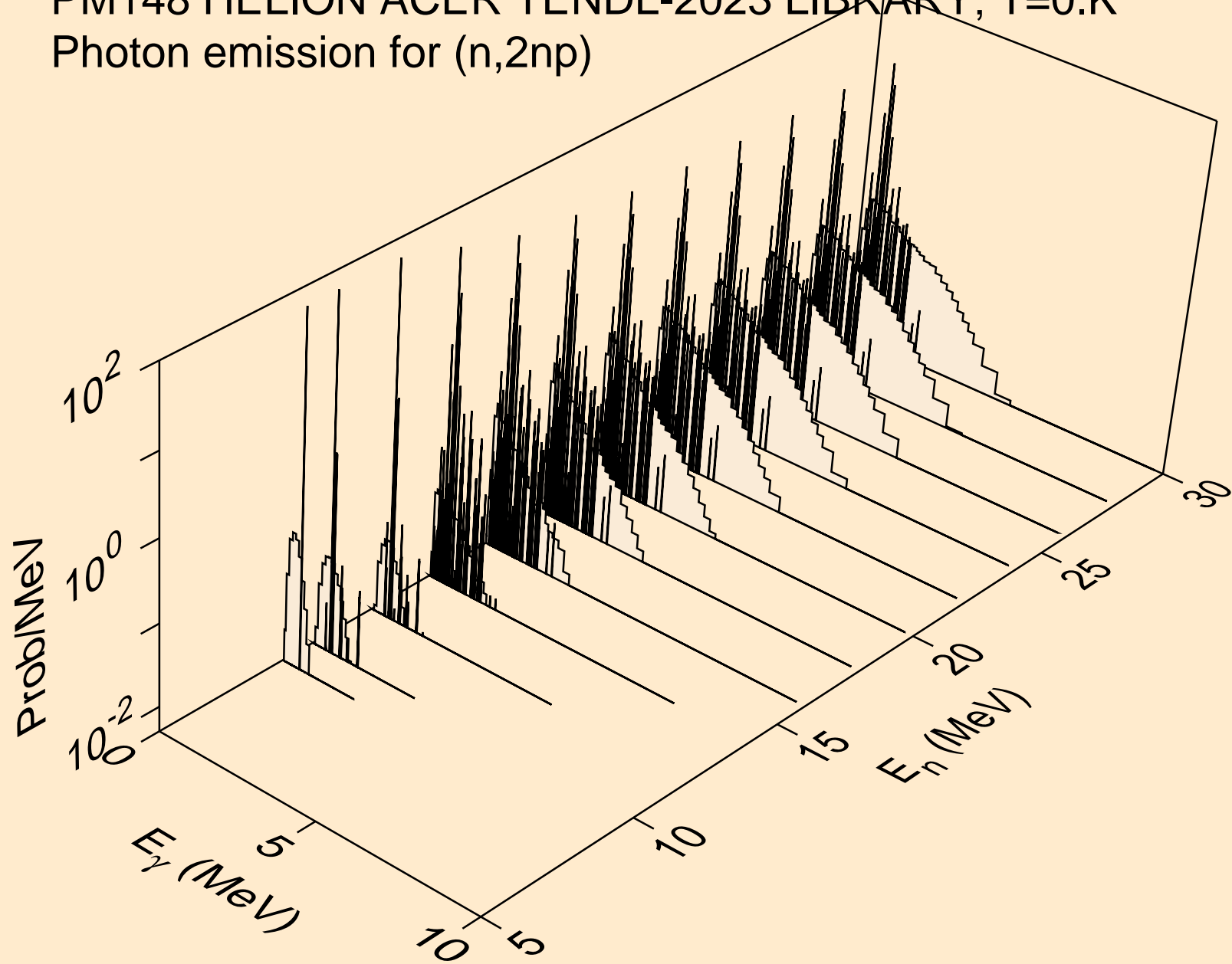
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



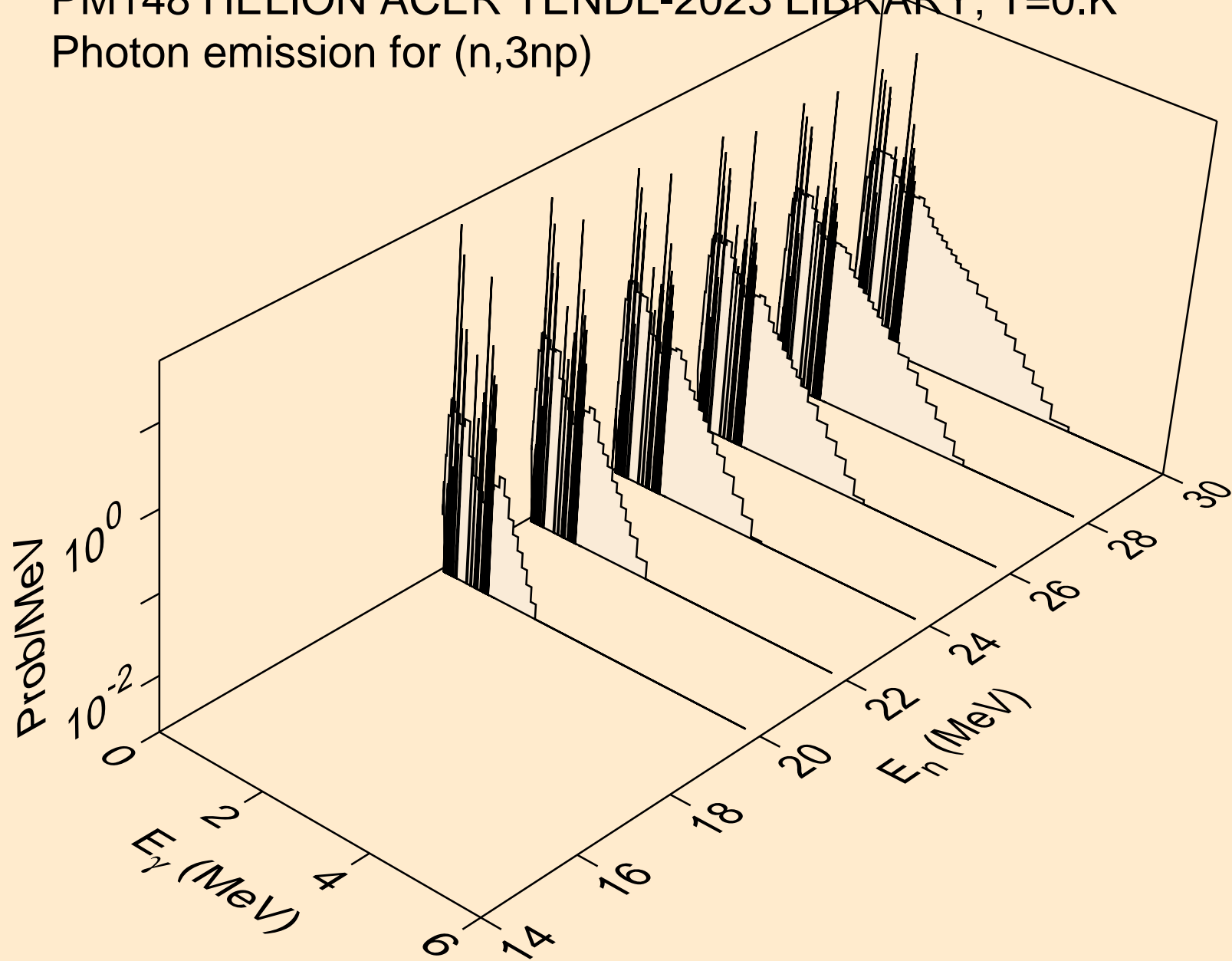
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



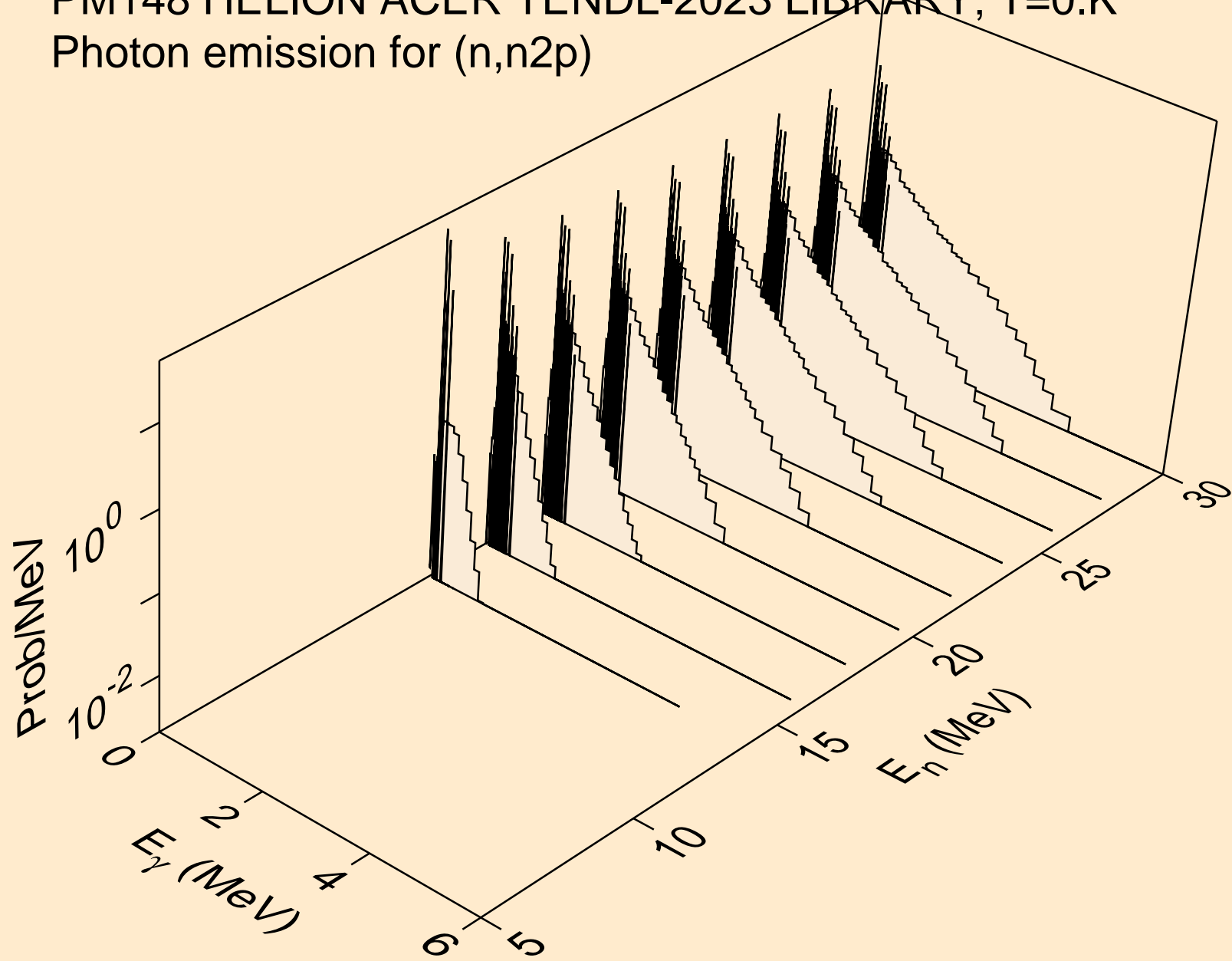
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



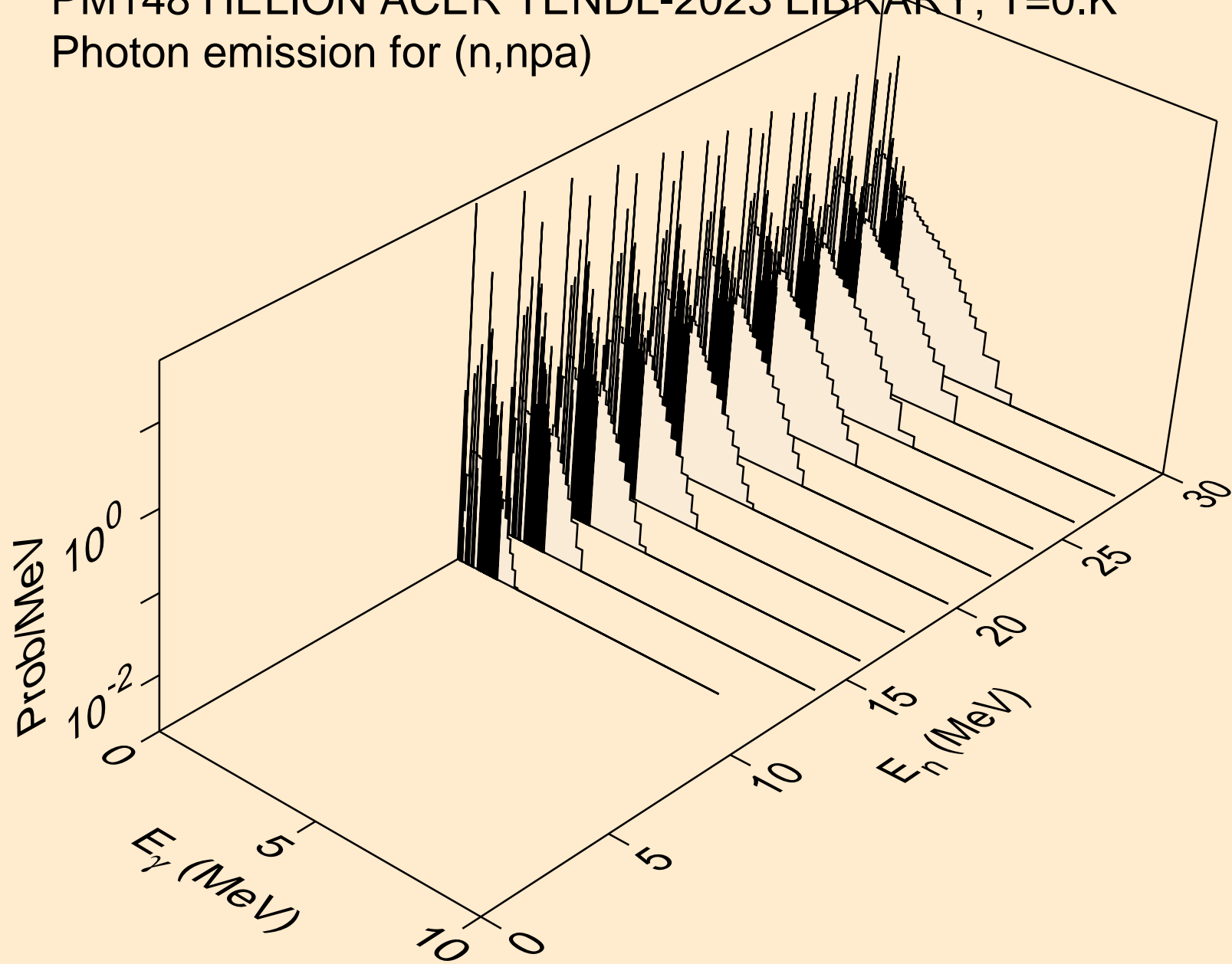
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



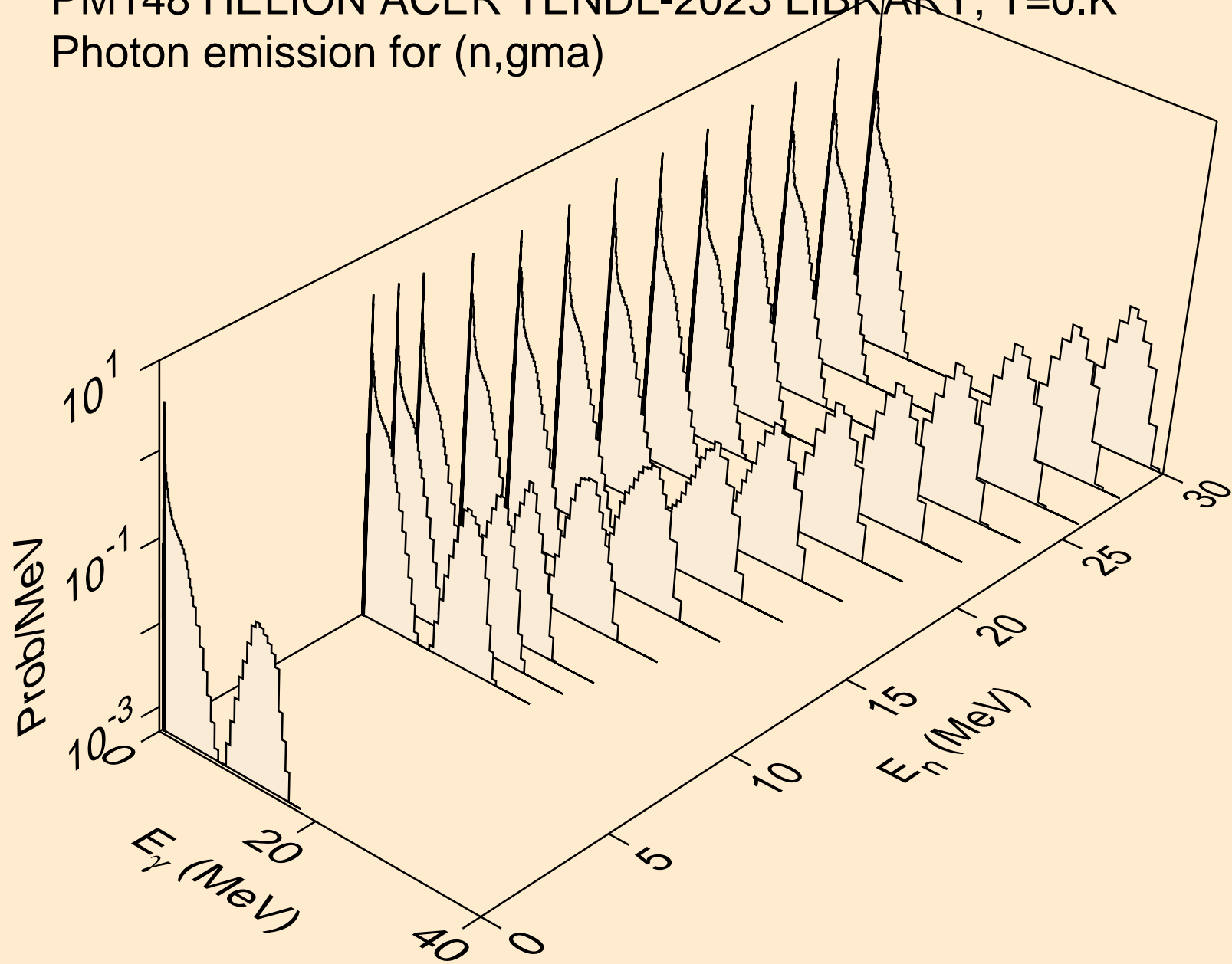
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



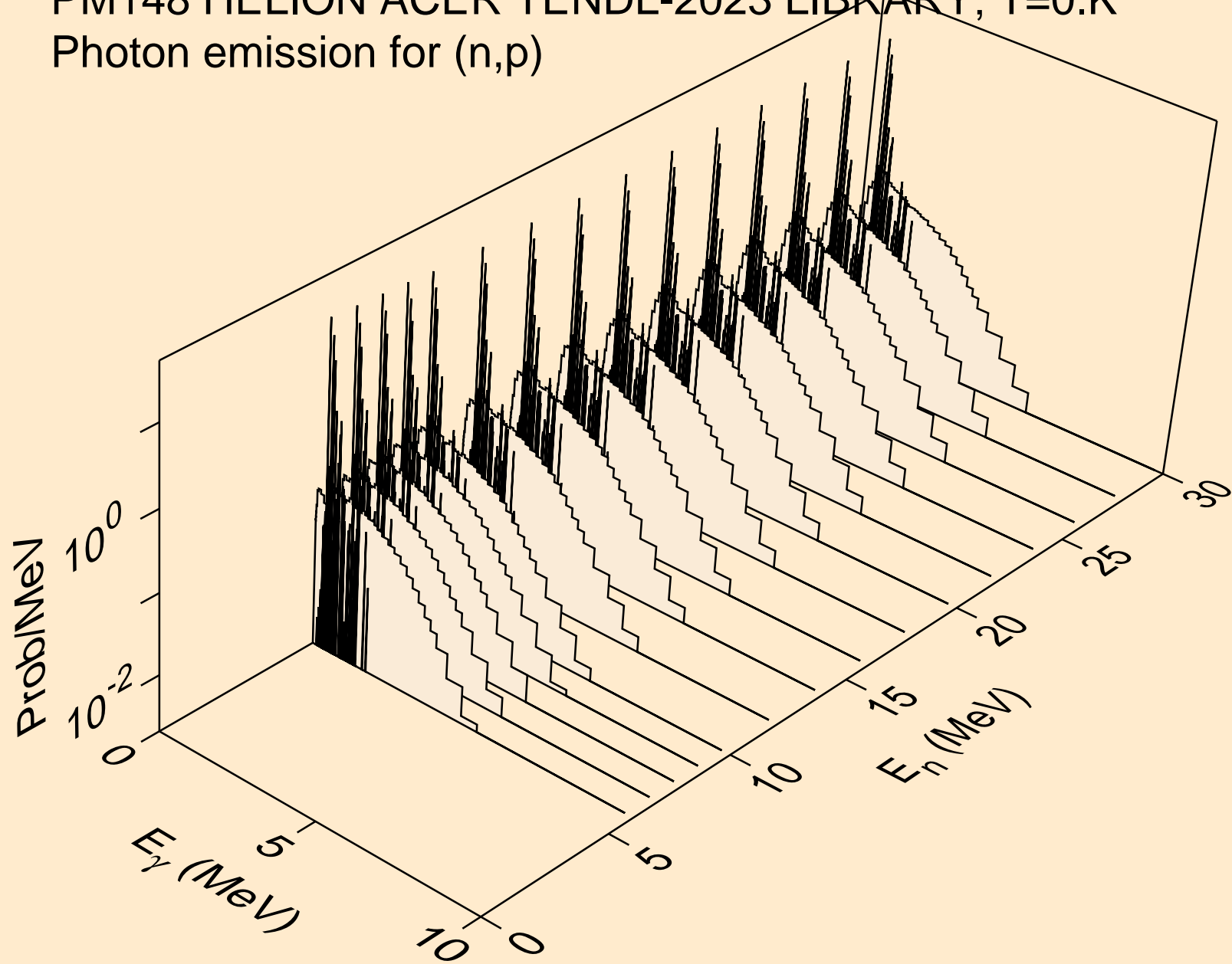
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



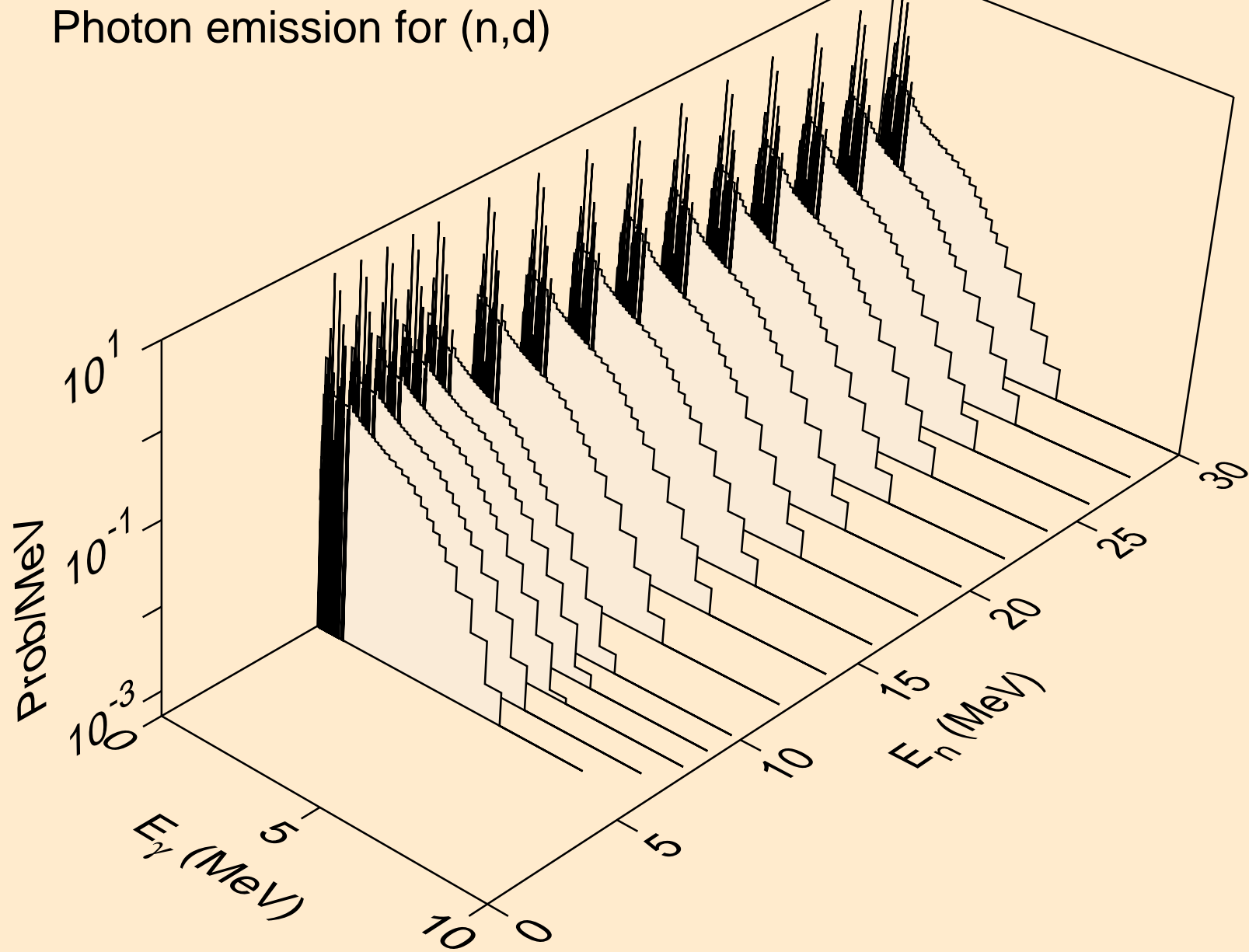
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



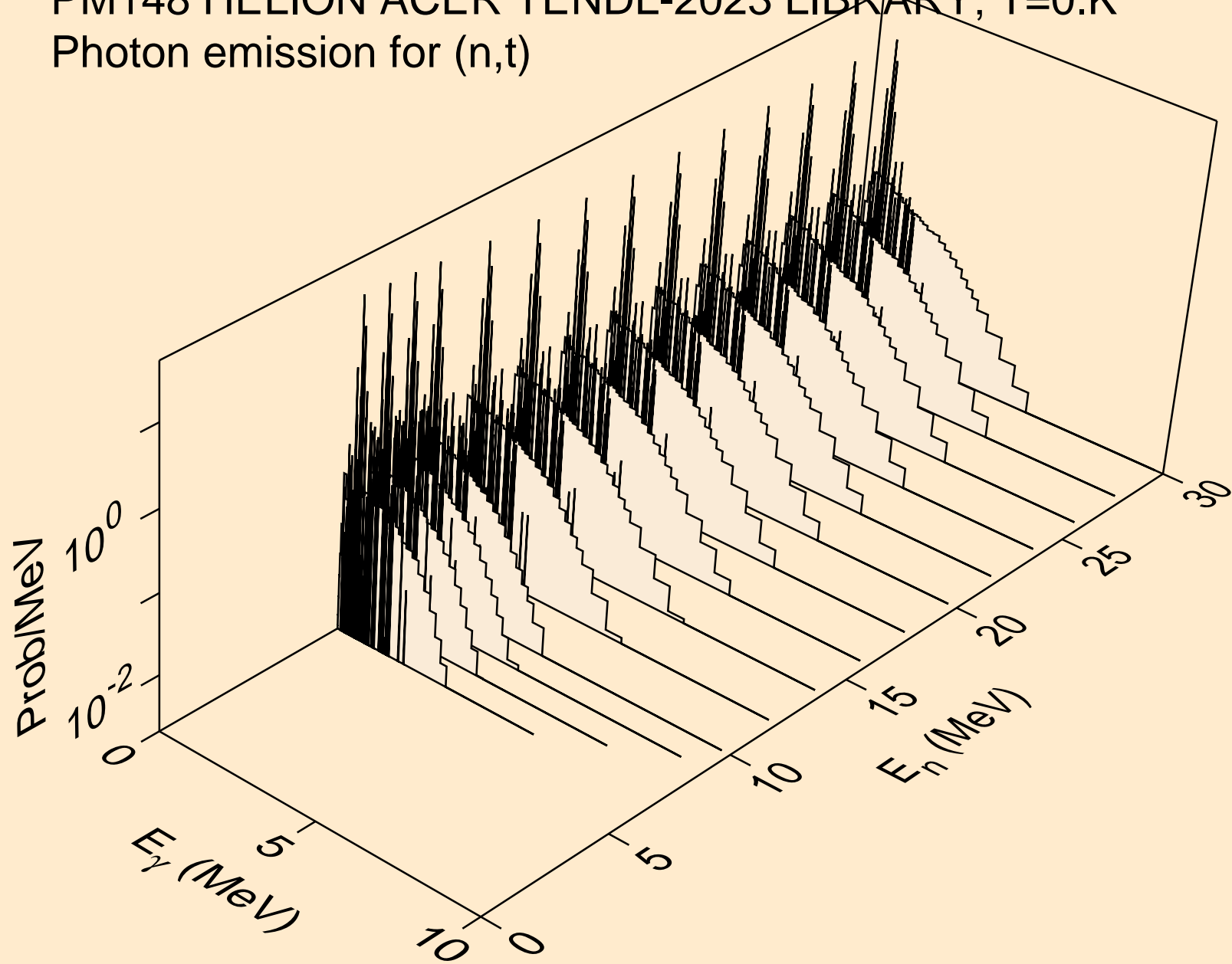
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



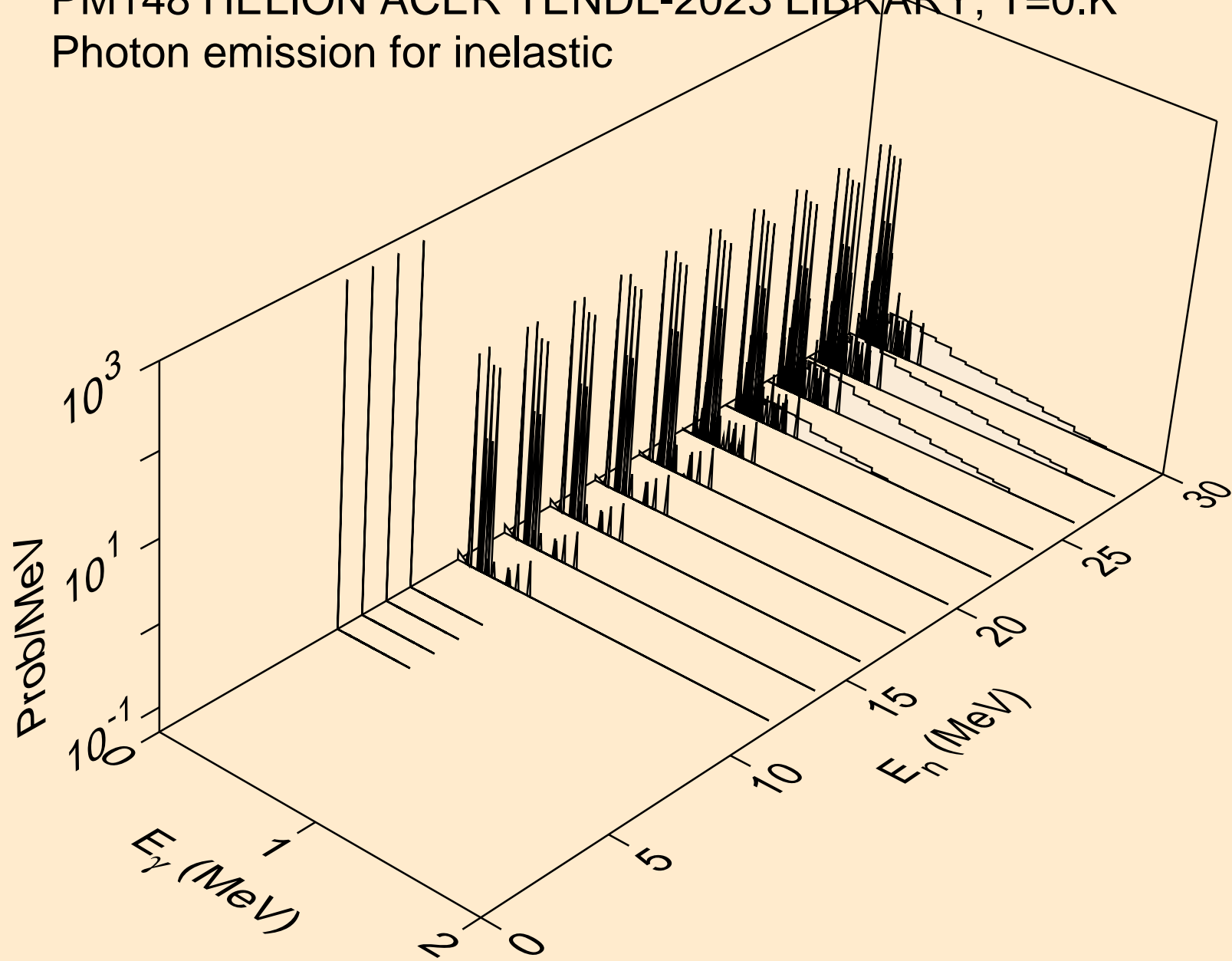
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



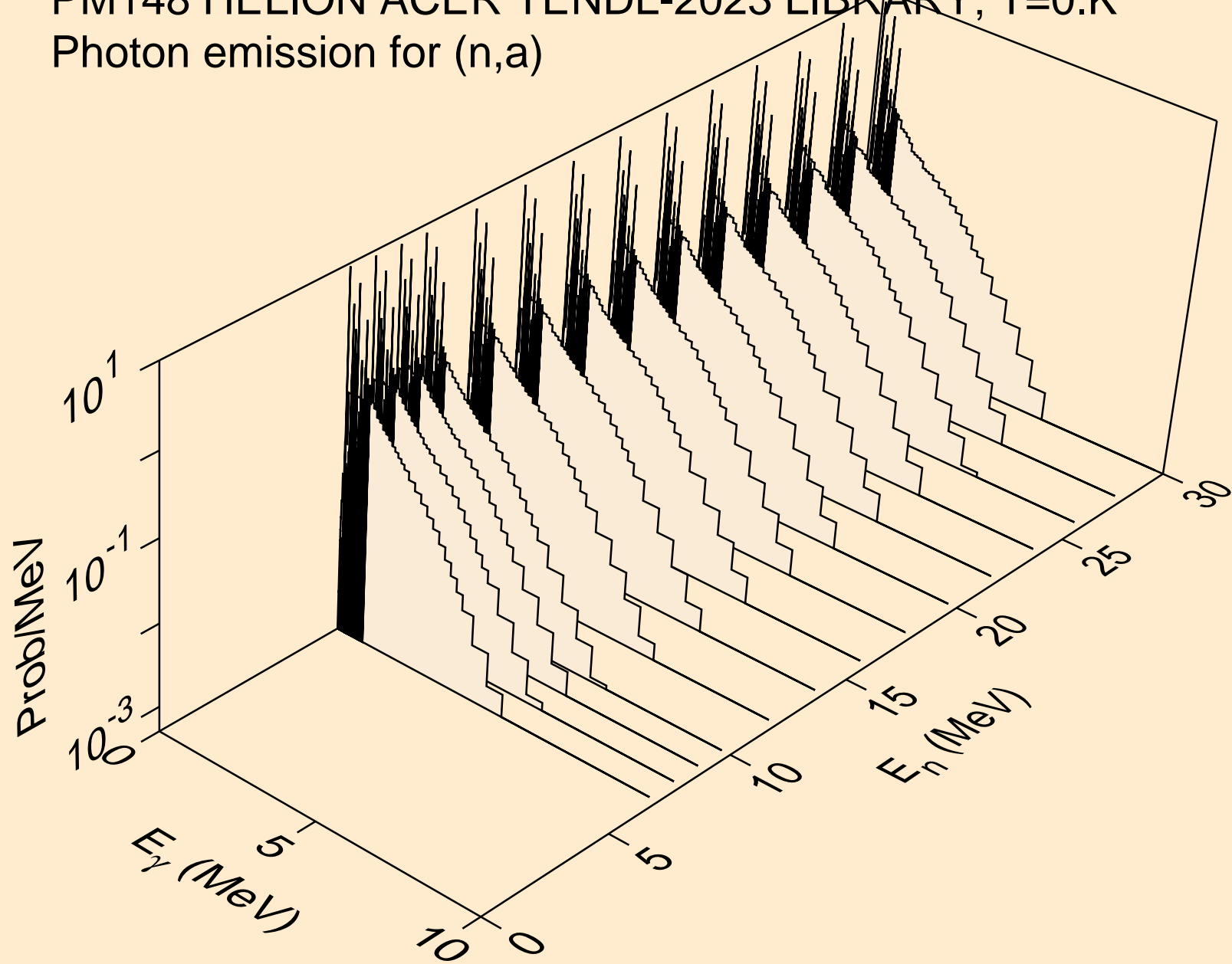
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



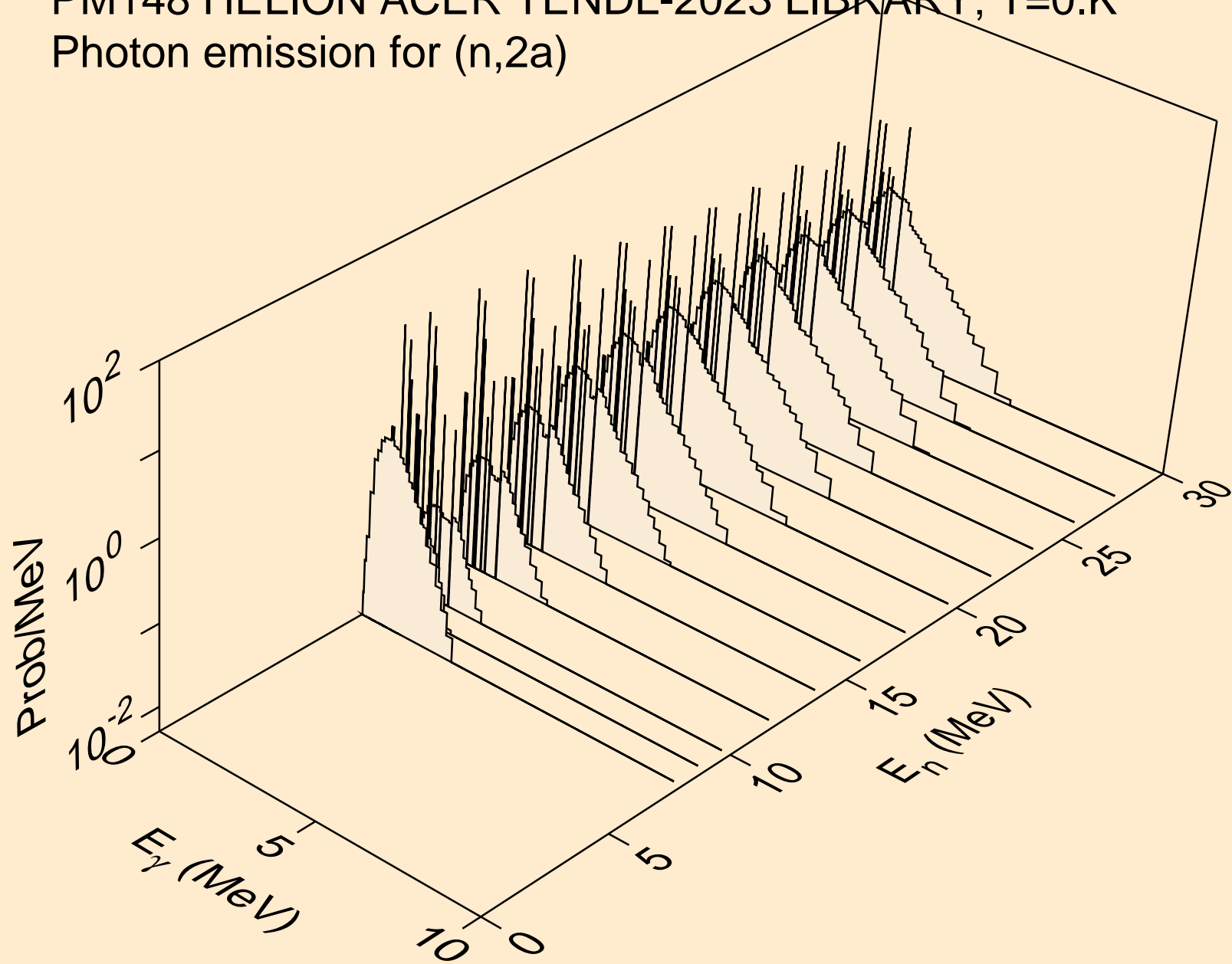
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



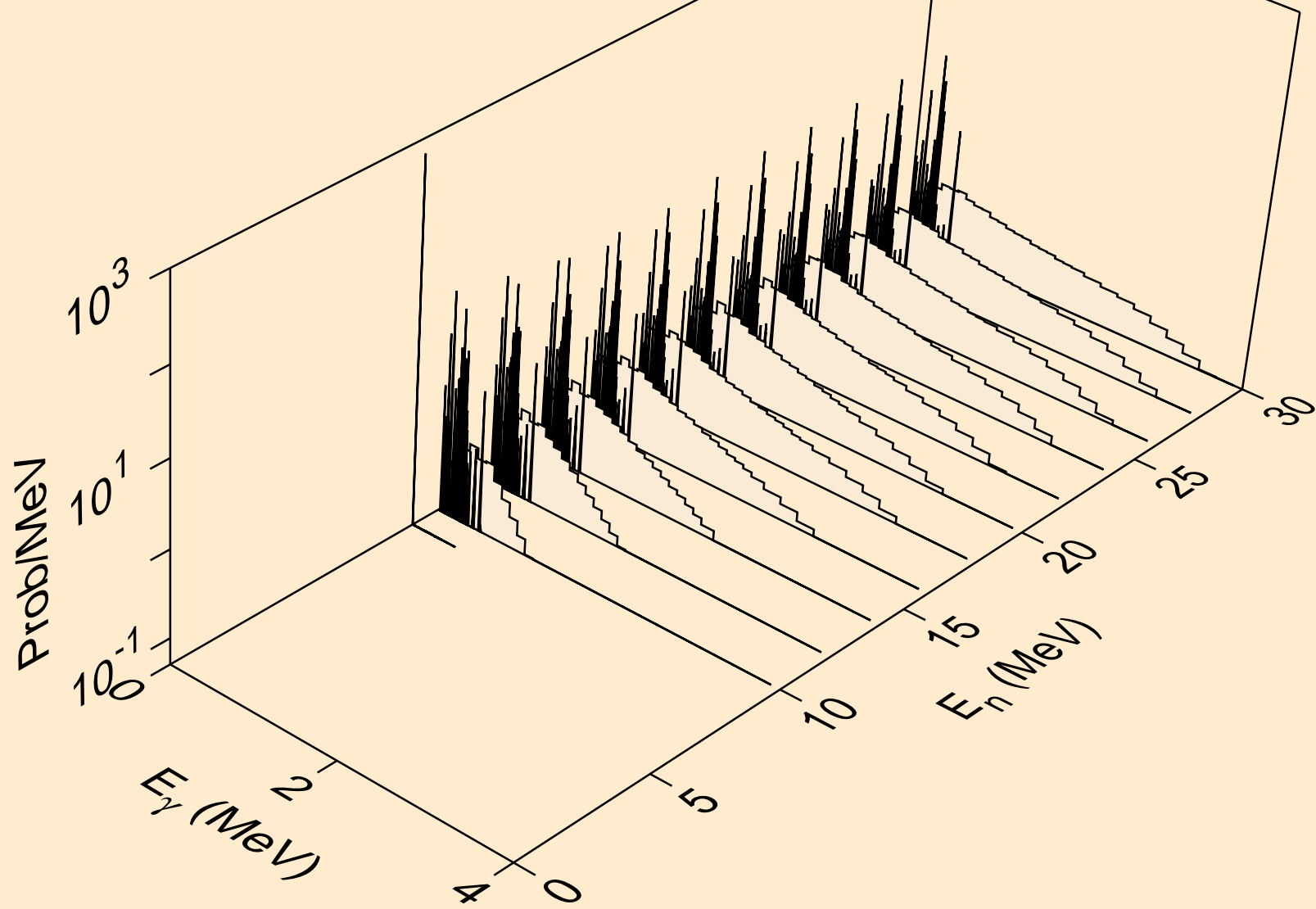
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



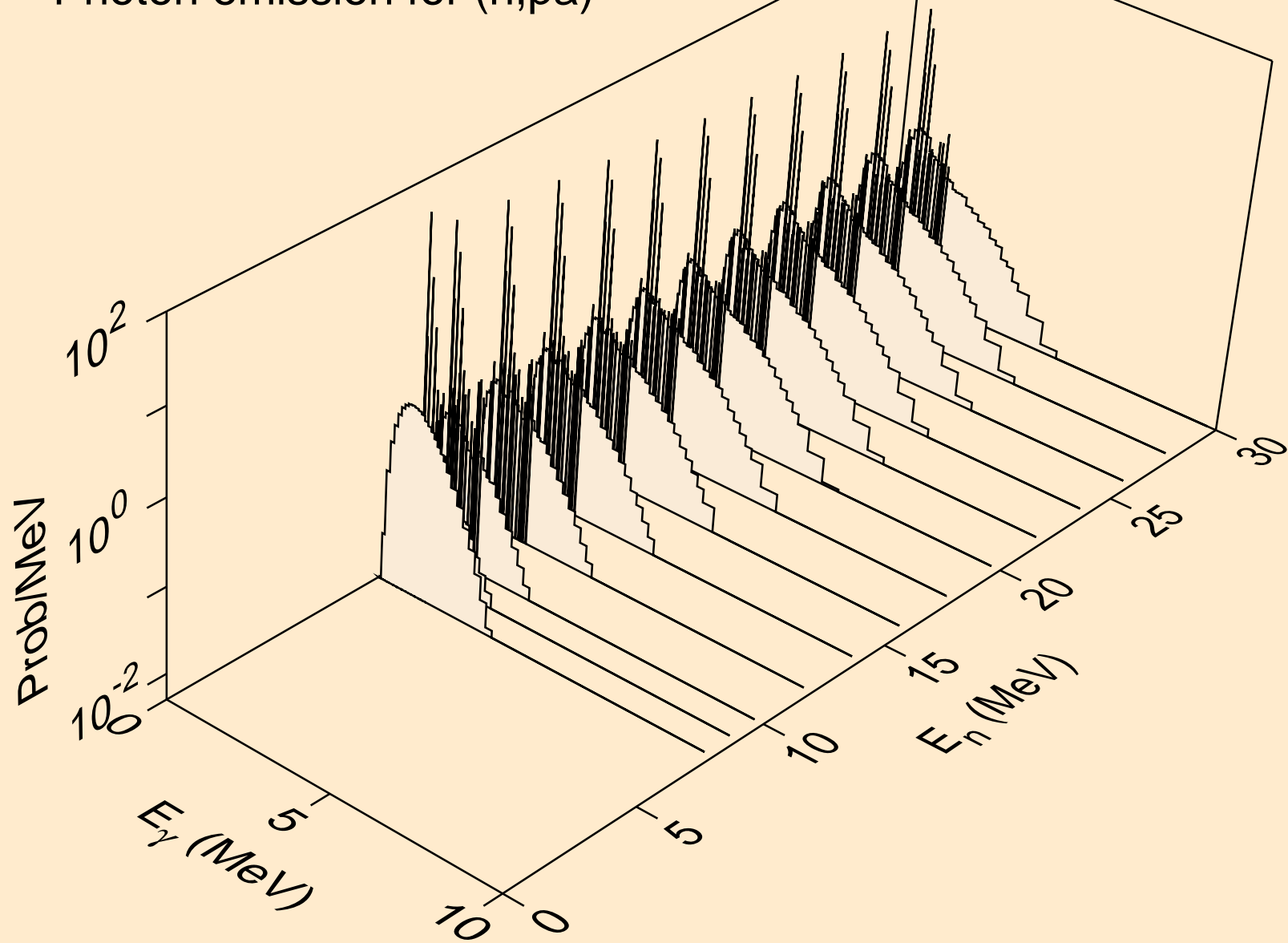
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



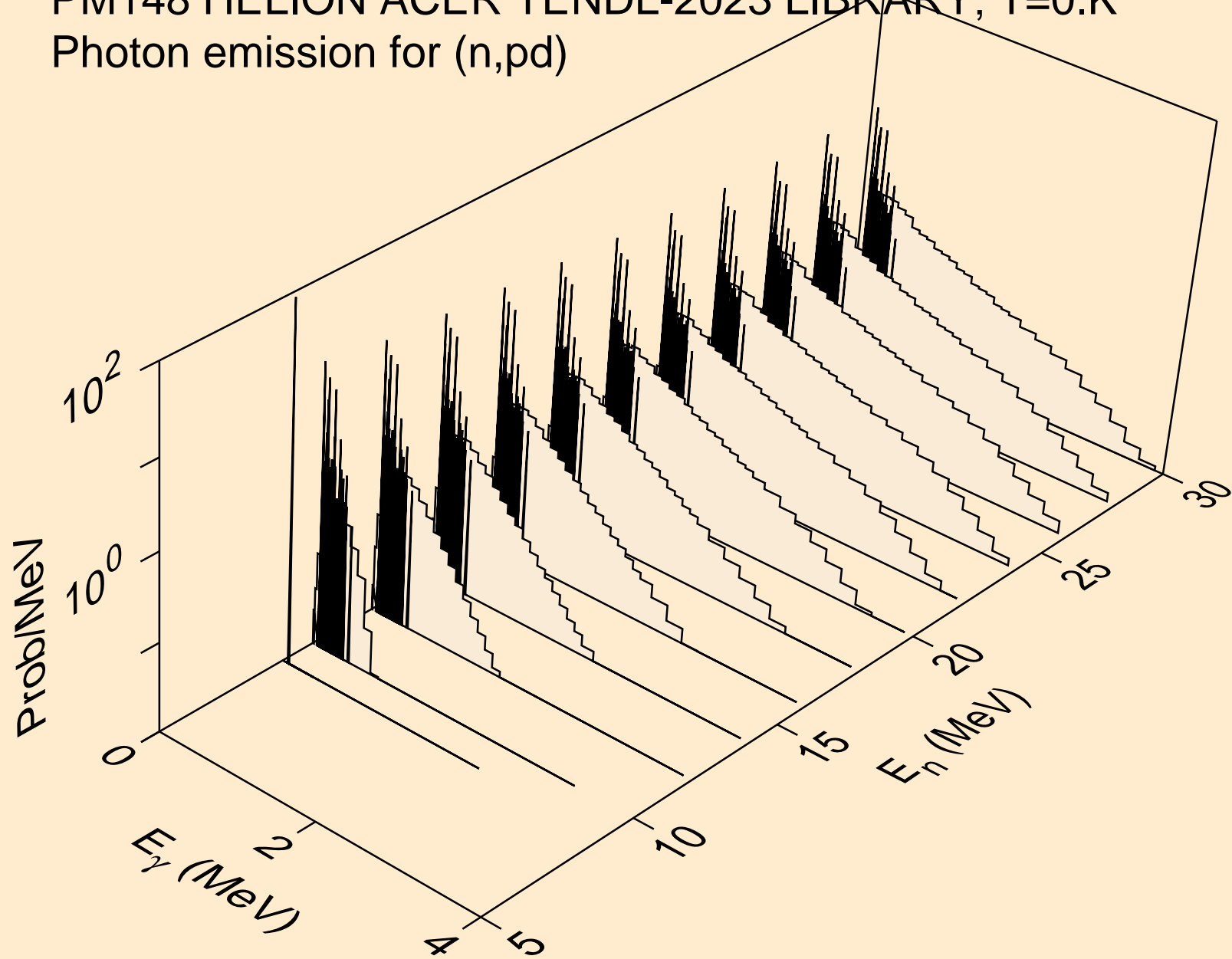
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



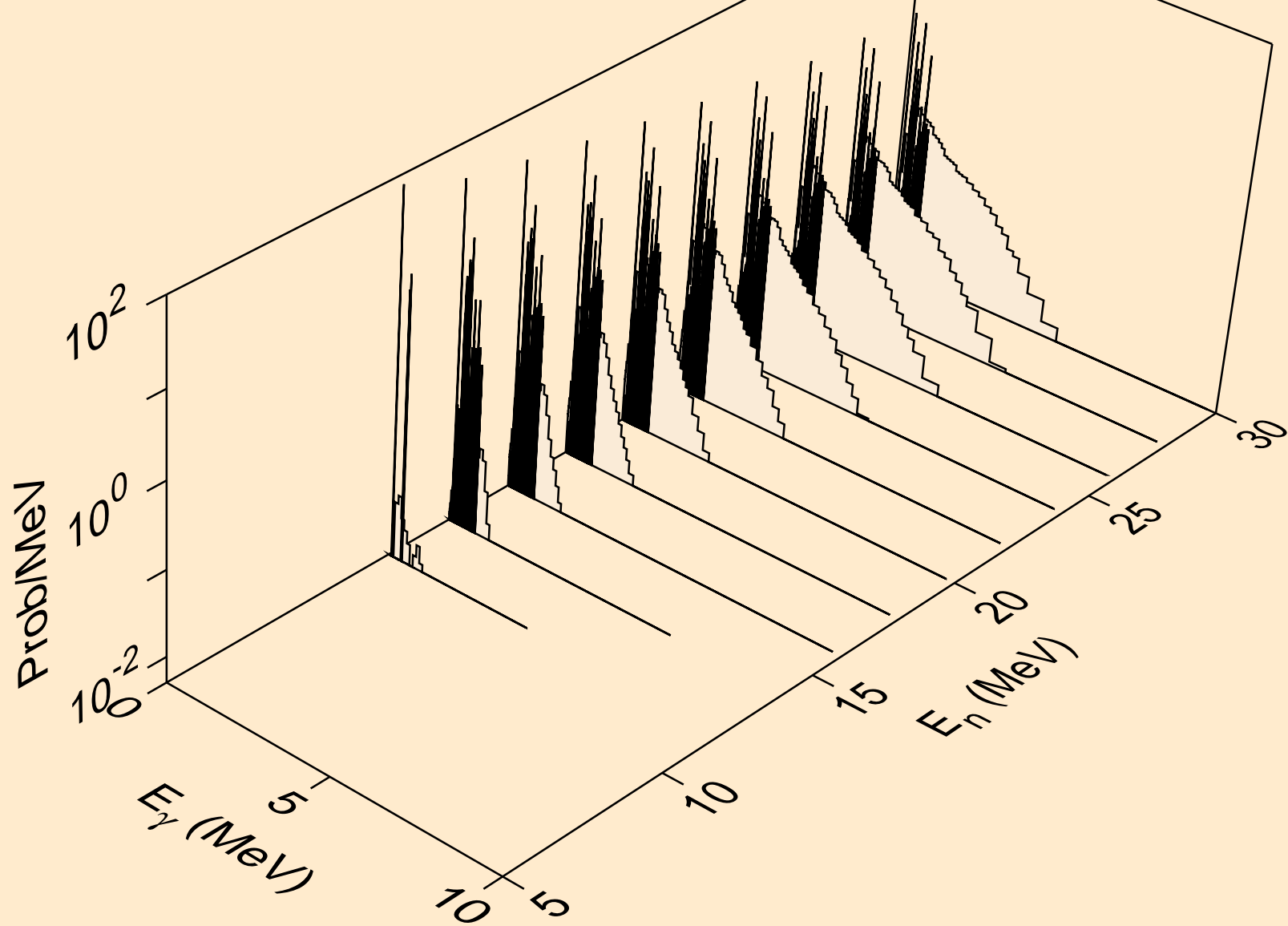
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)



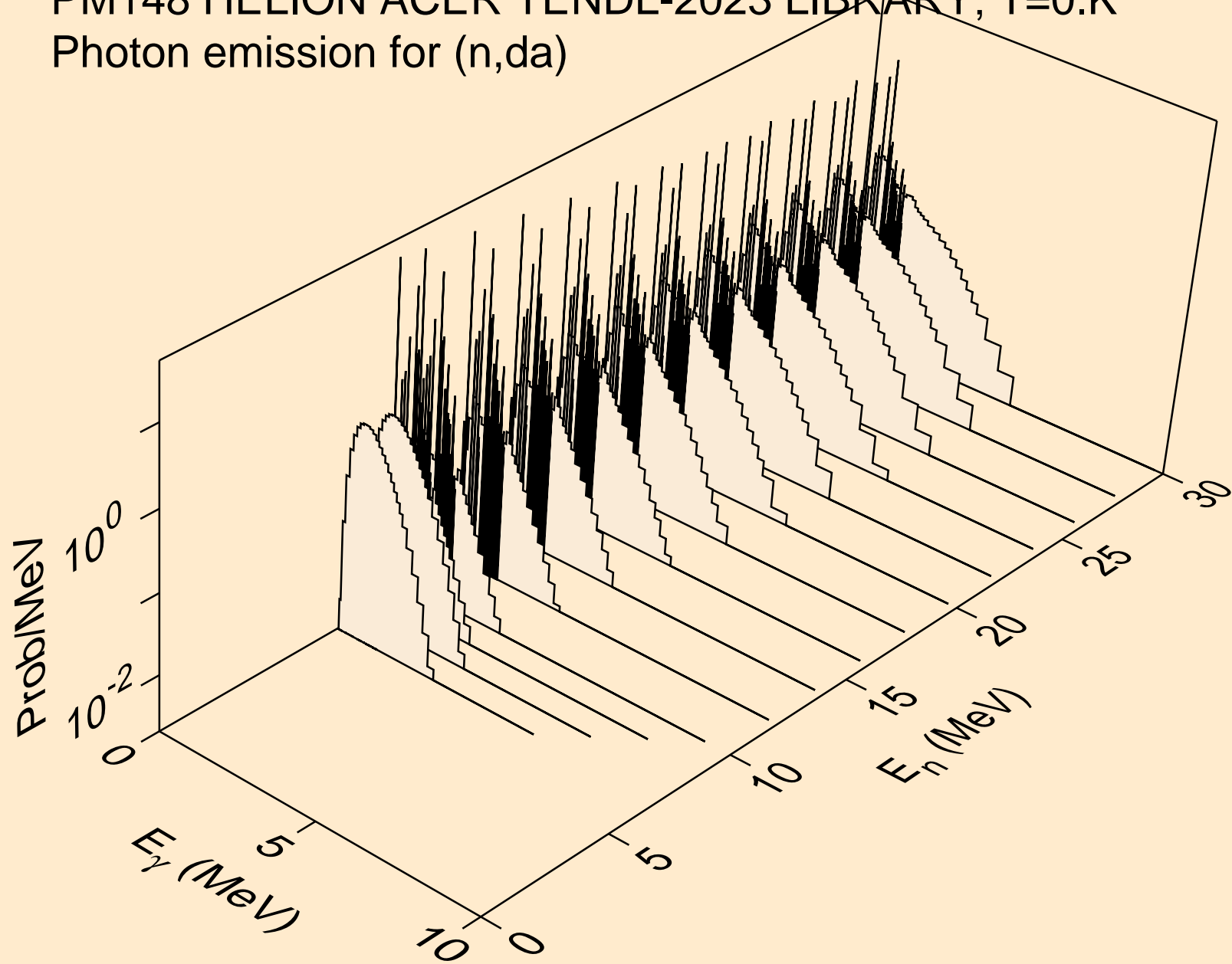
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



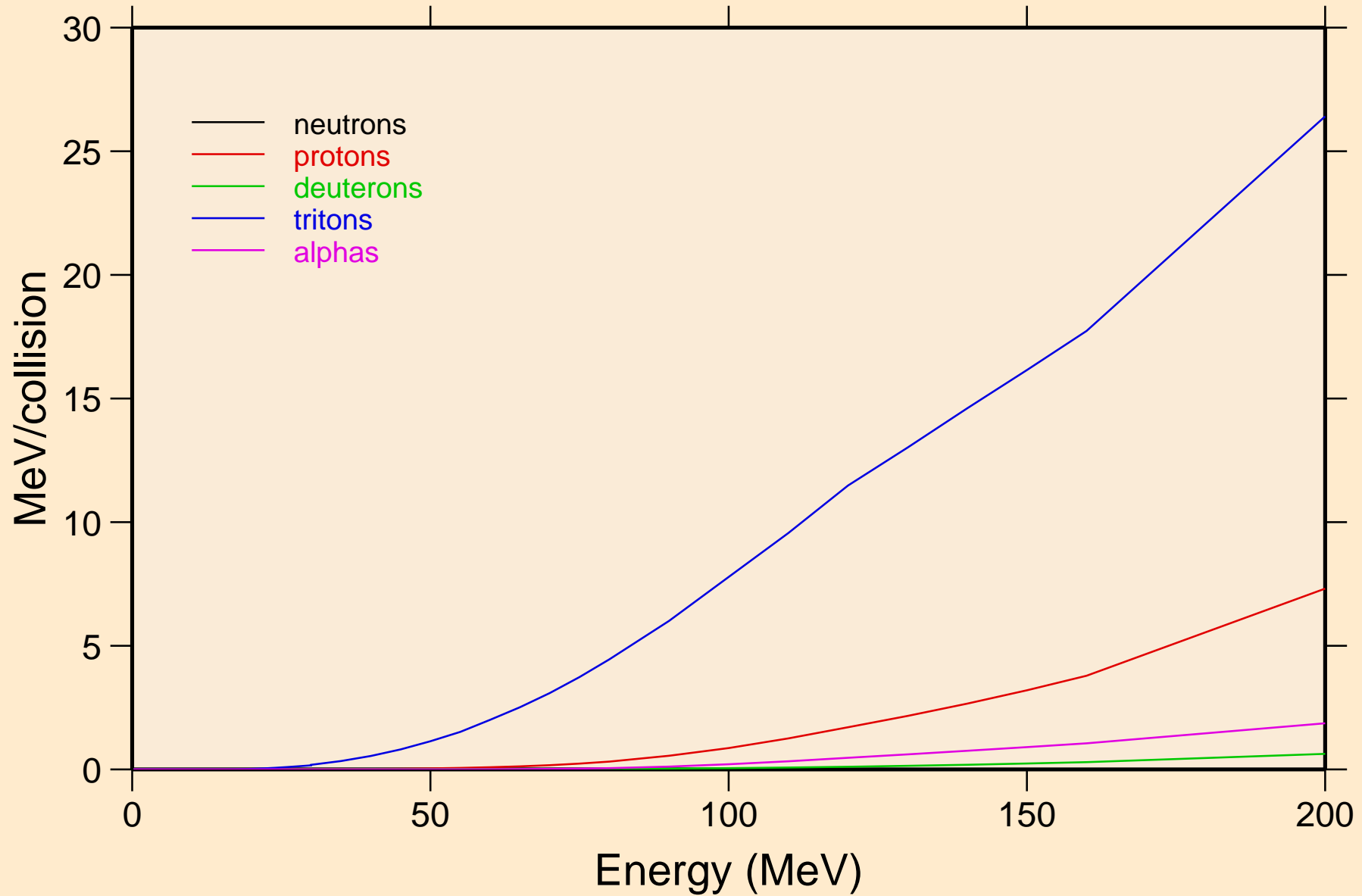
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)

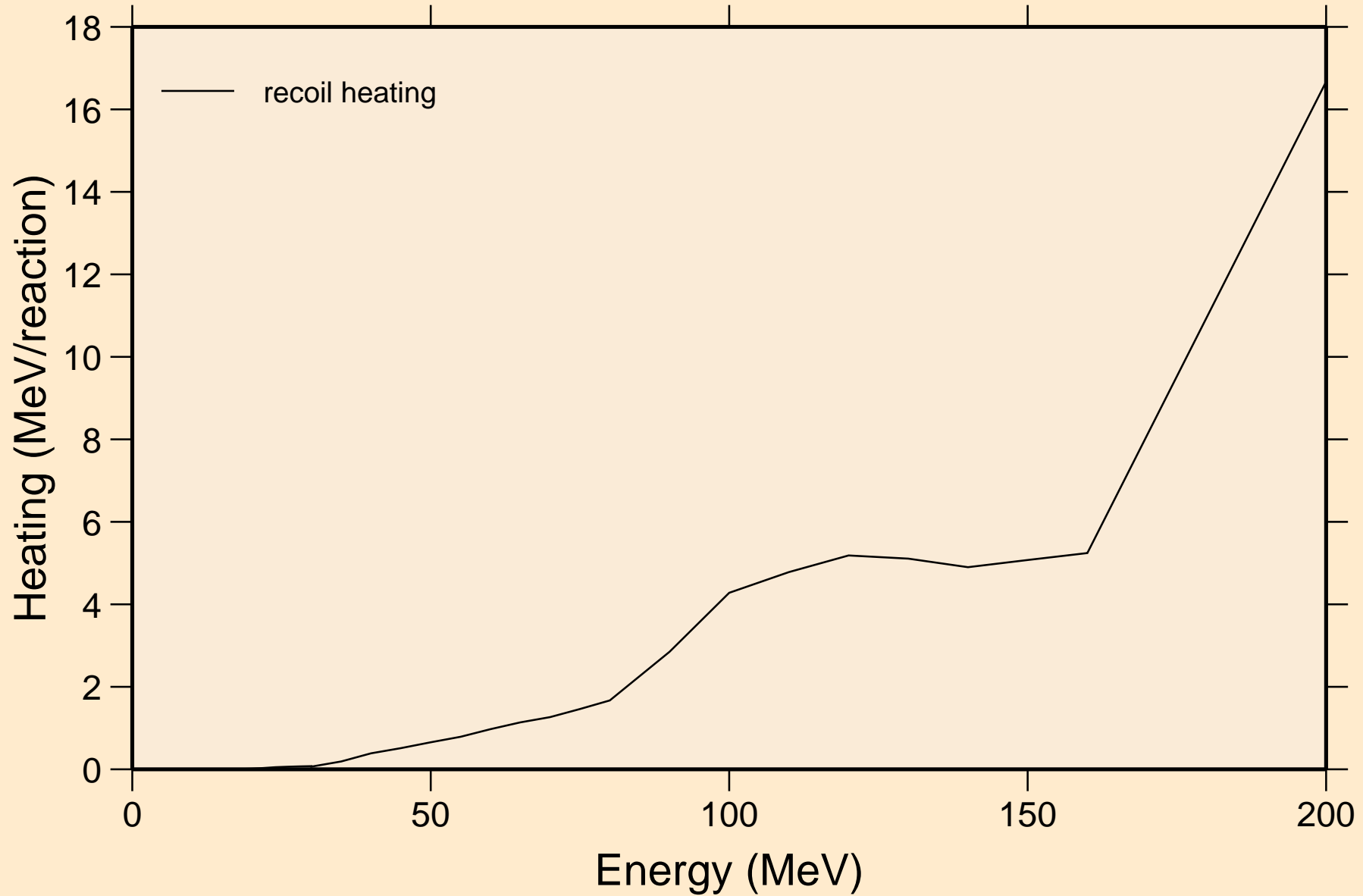


PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

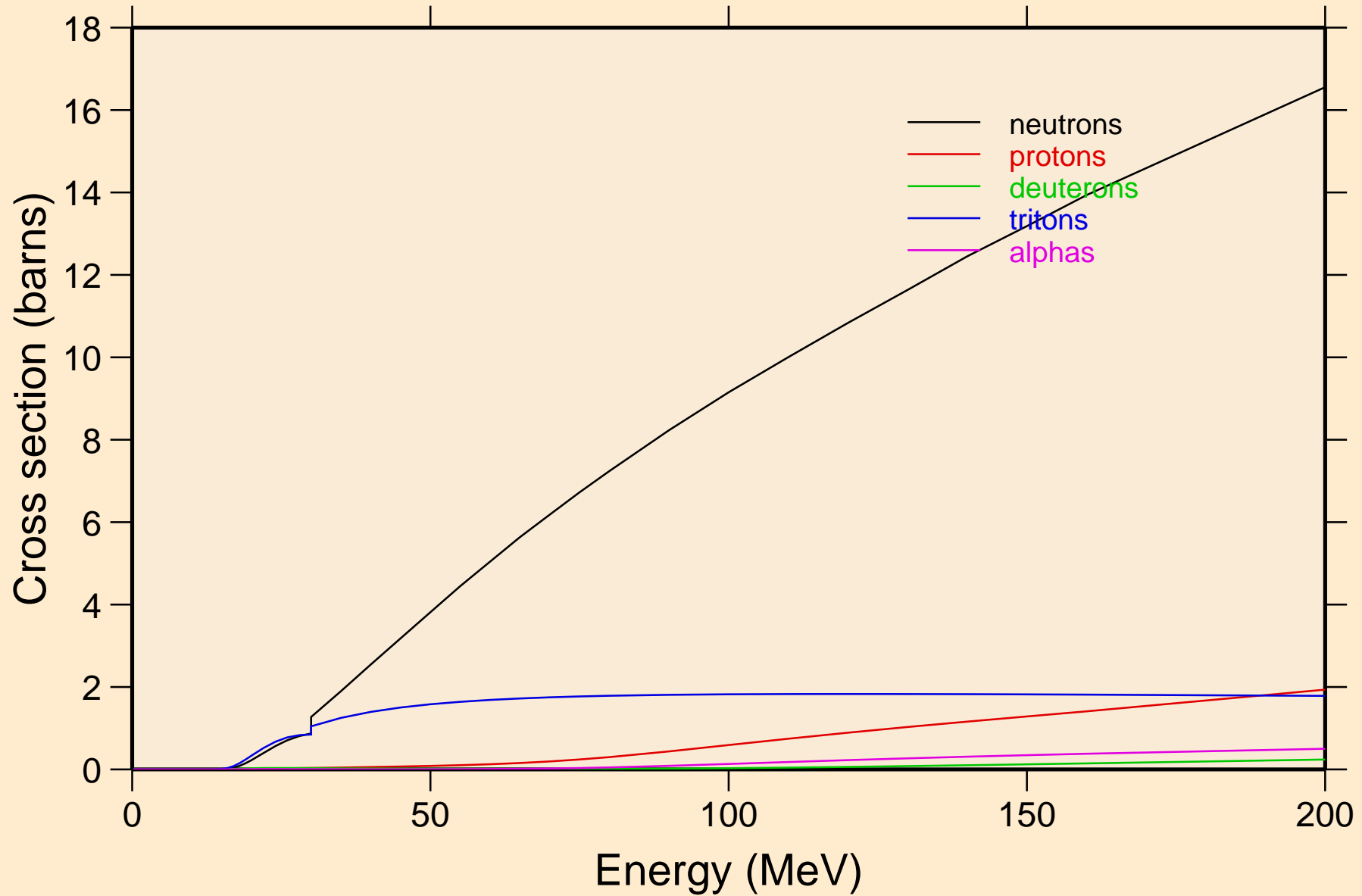


PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K

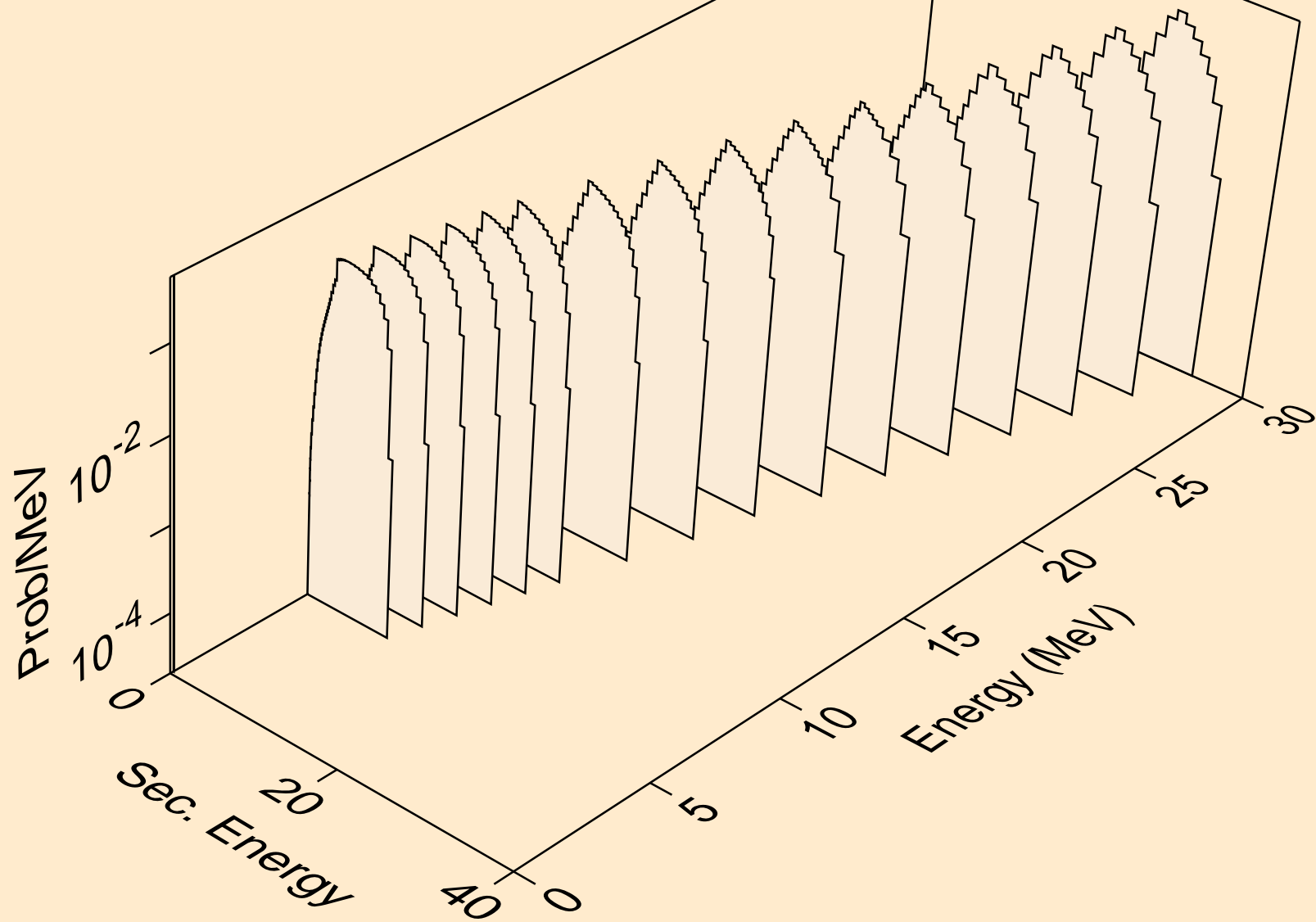
Recoil Heating



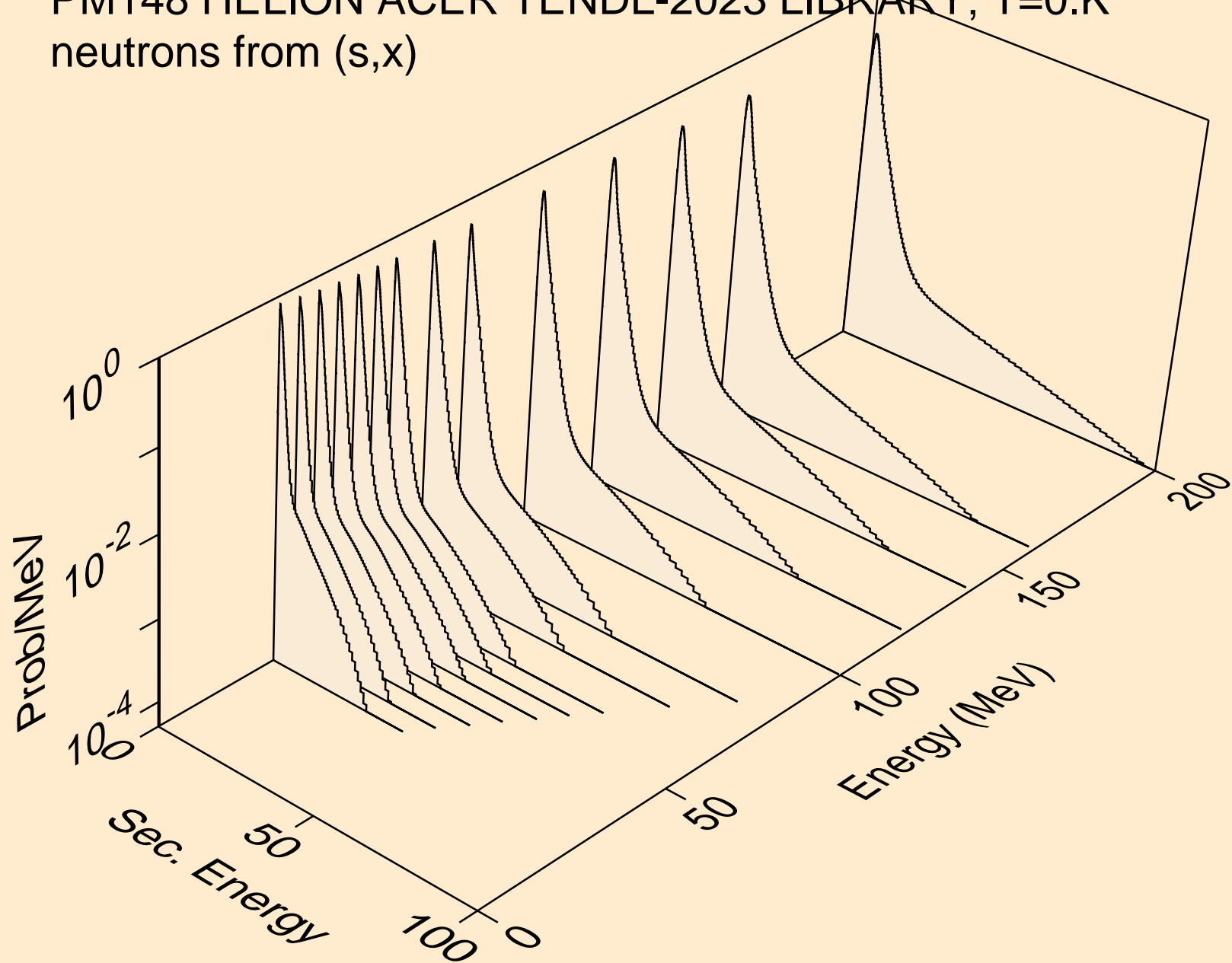
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



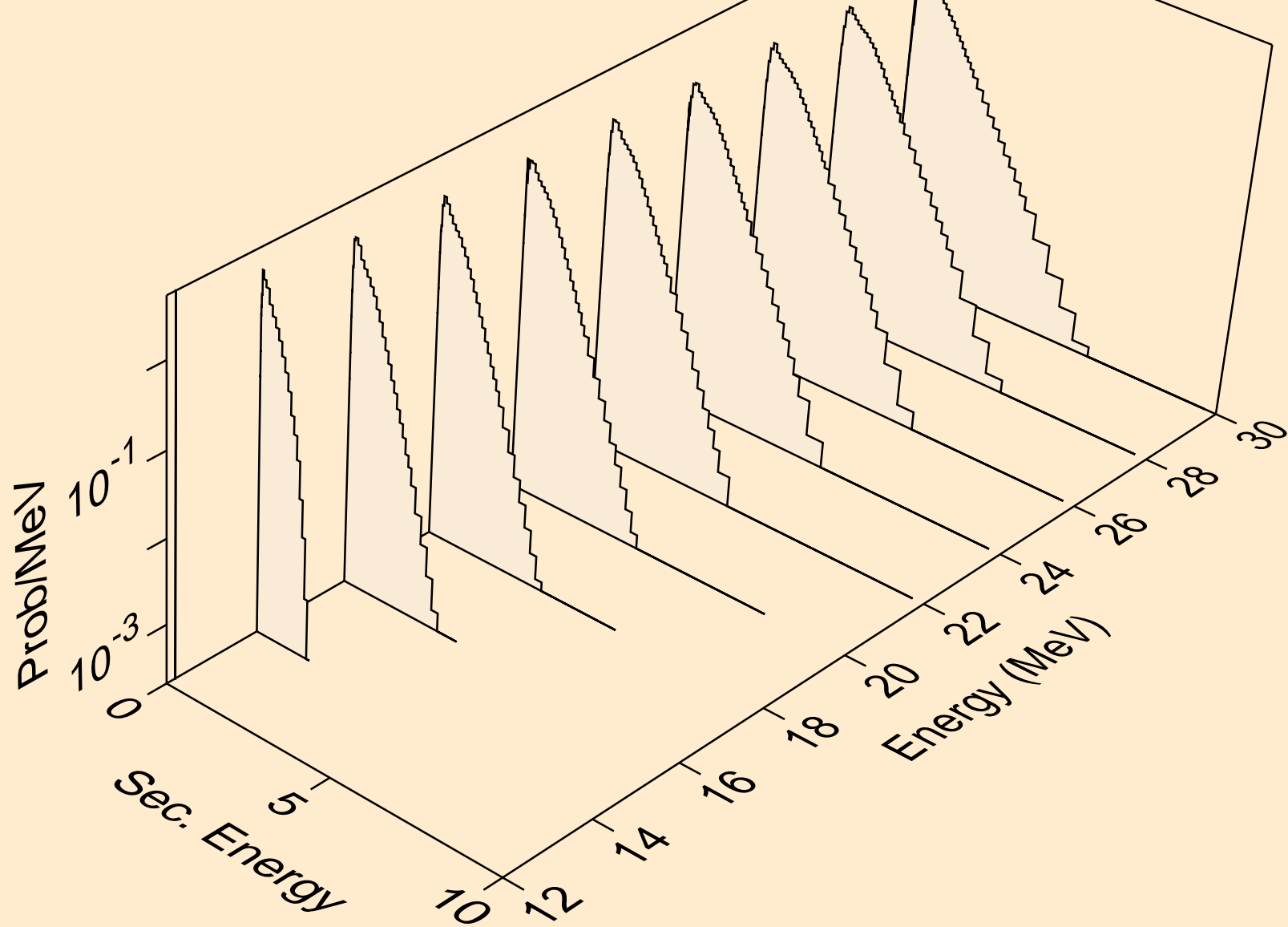
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n)



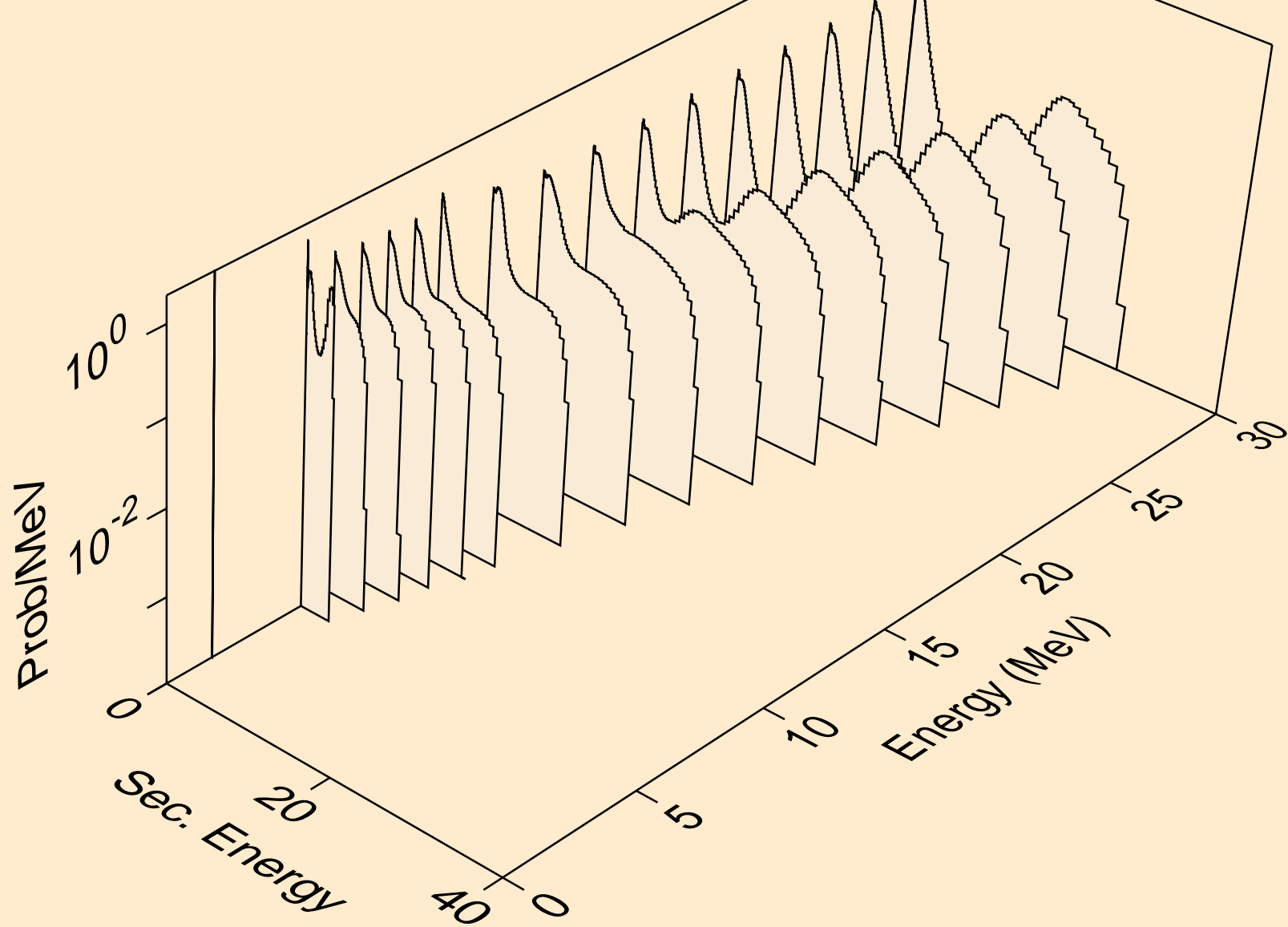
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,x)



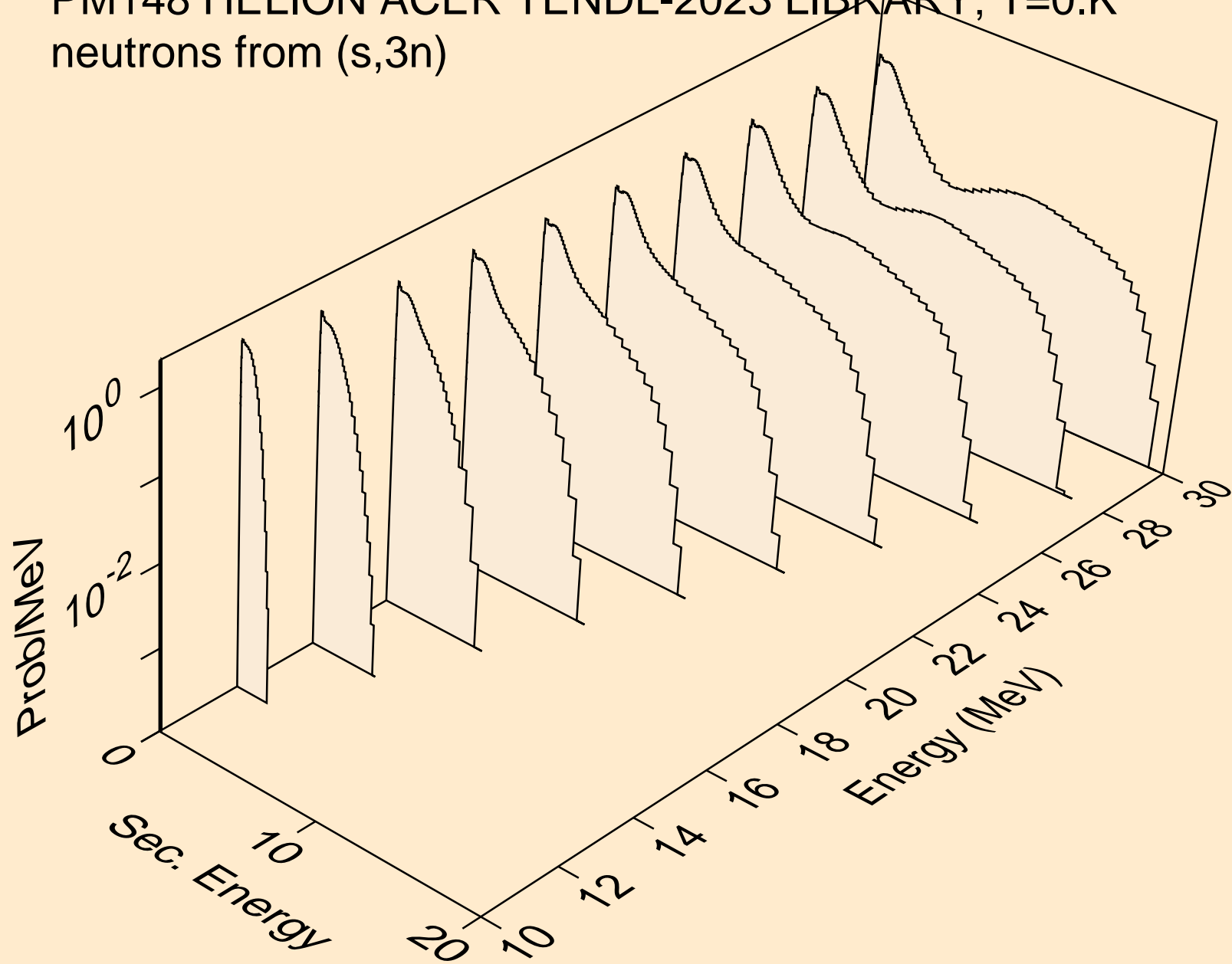
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2nd)



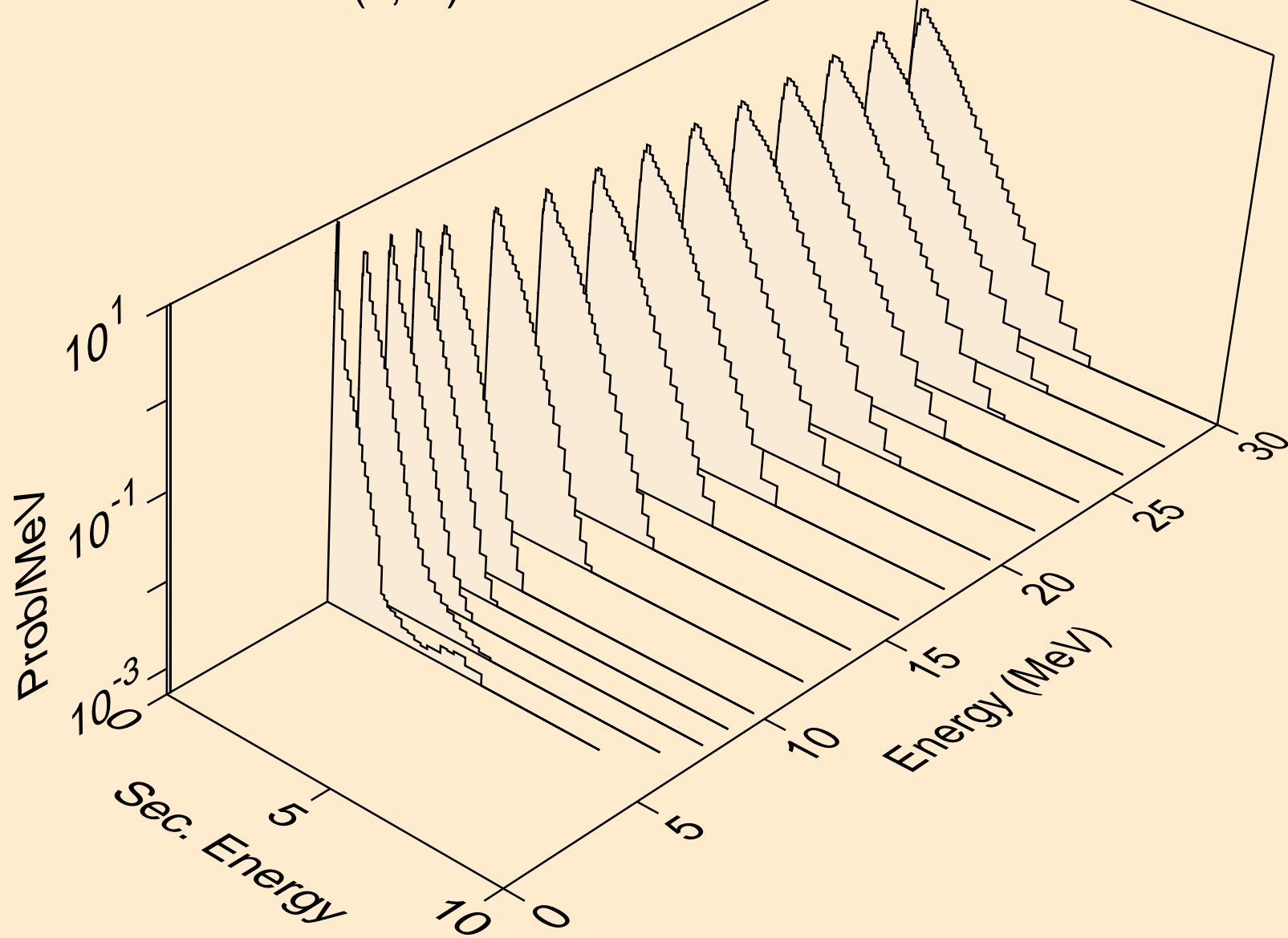
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)



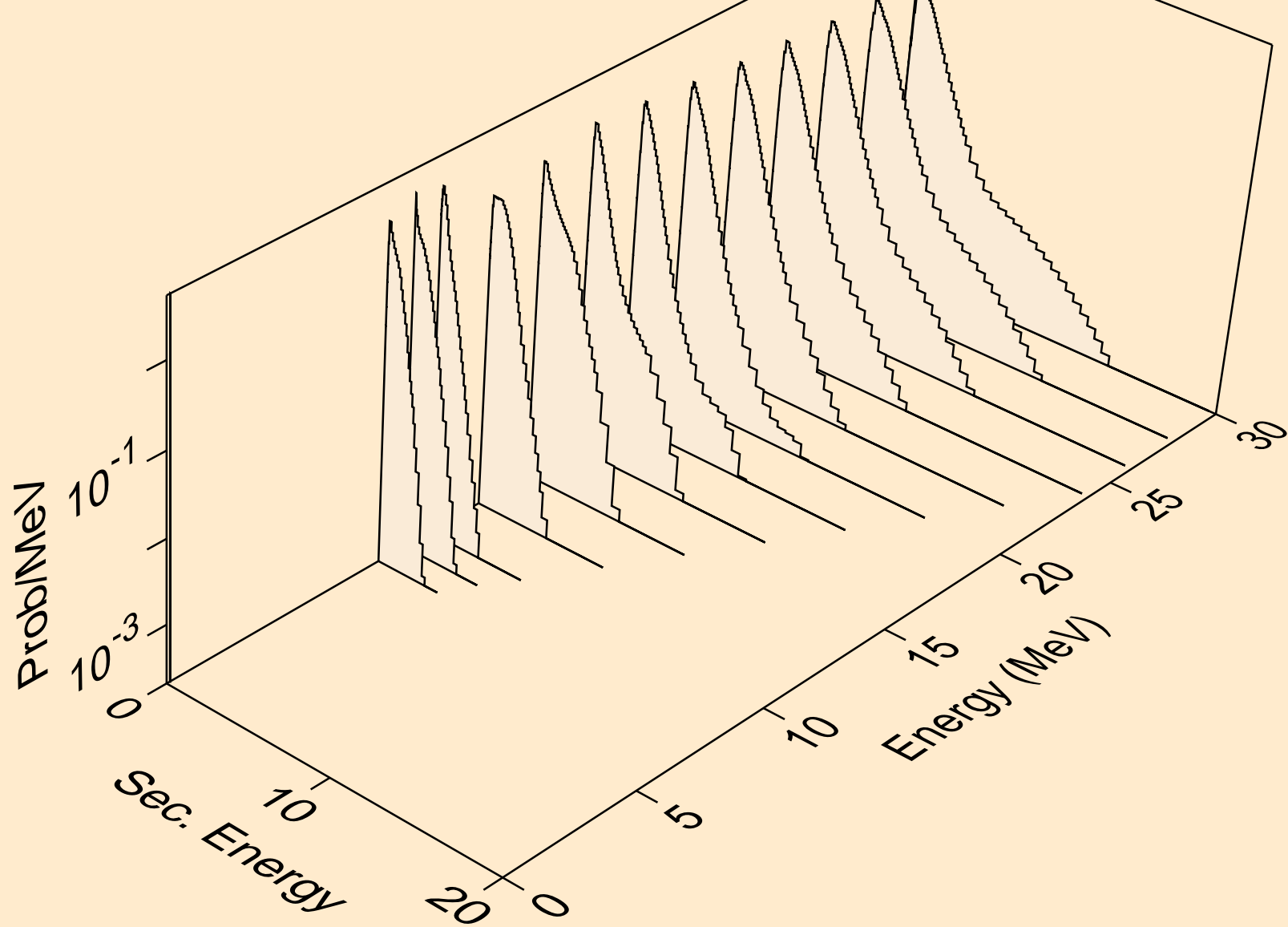
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3n)



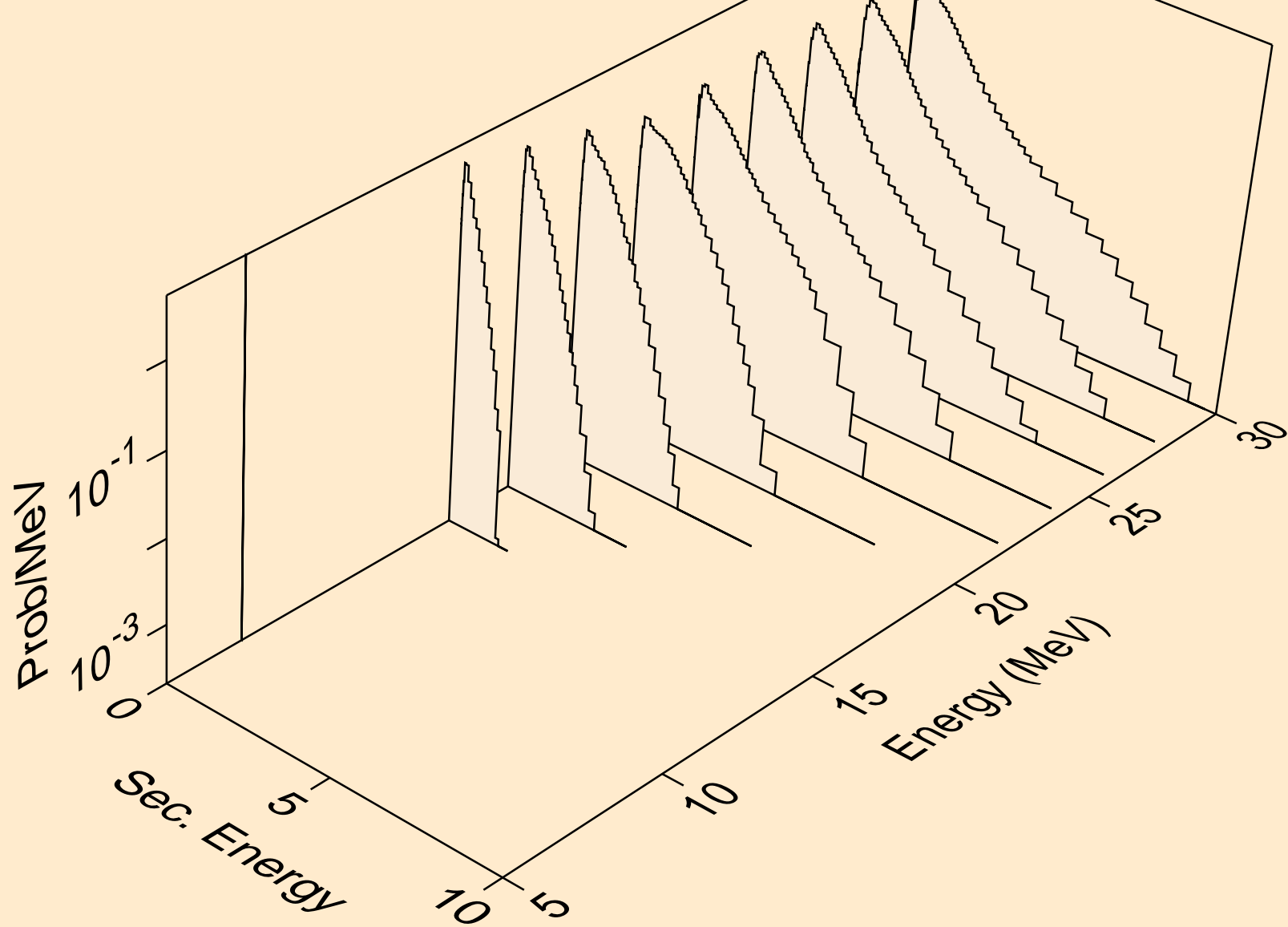
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)a



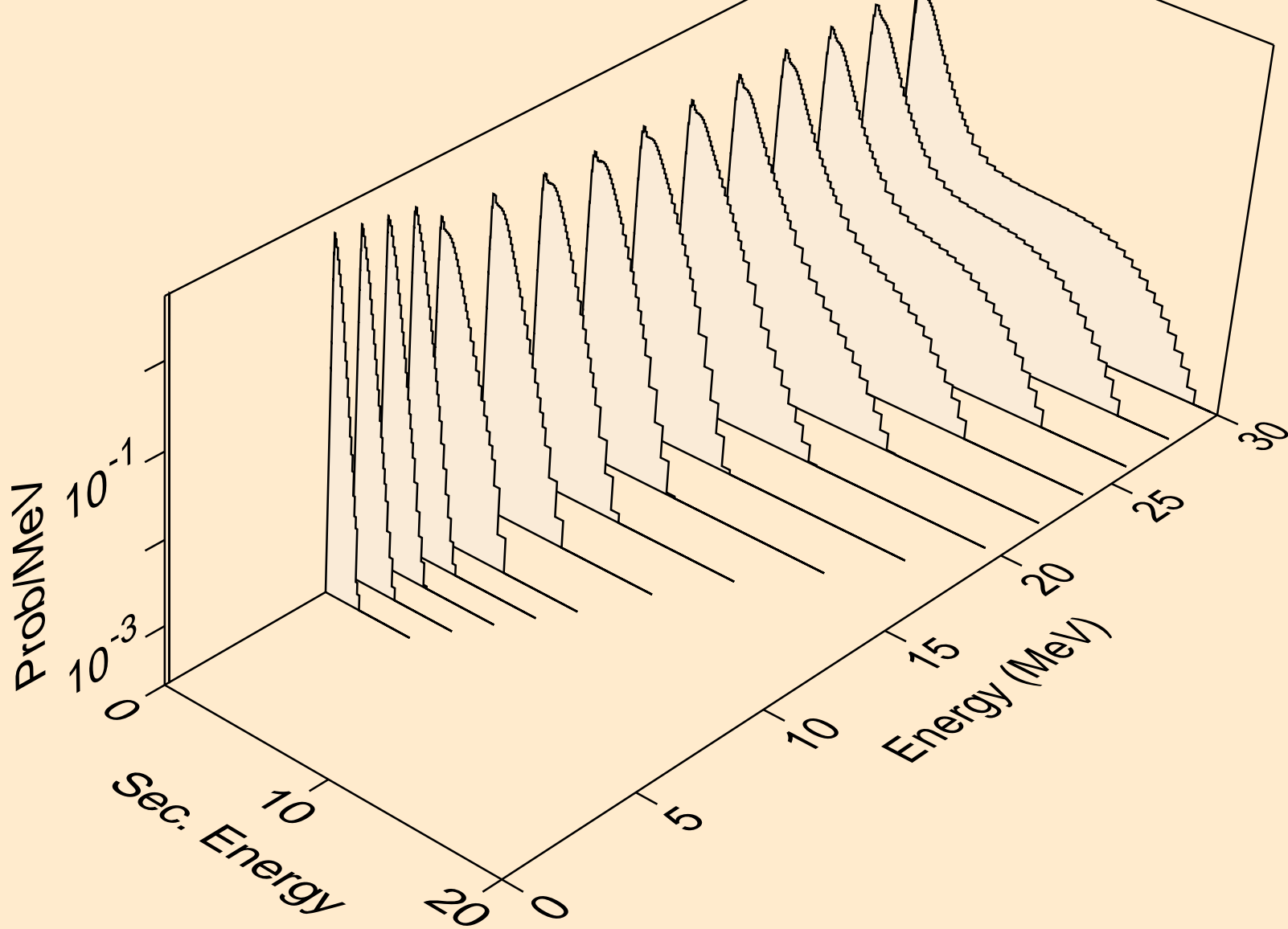
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)a



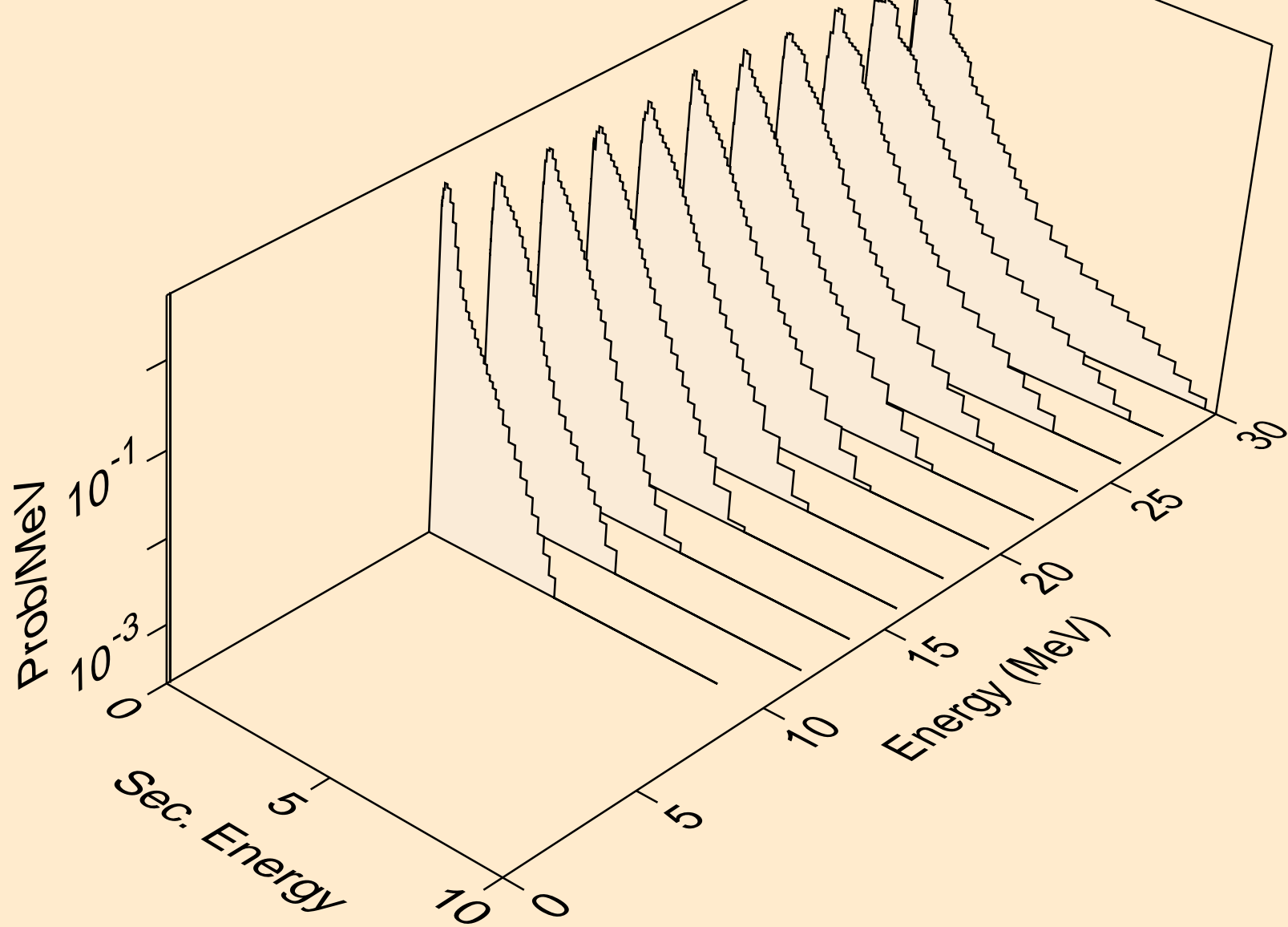
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3n)a



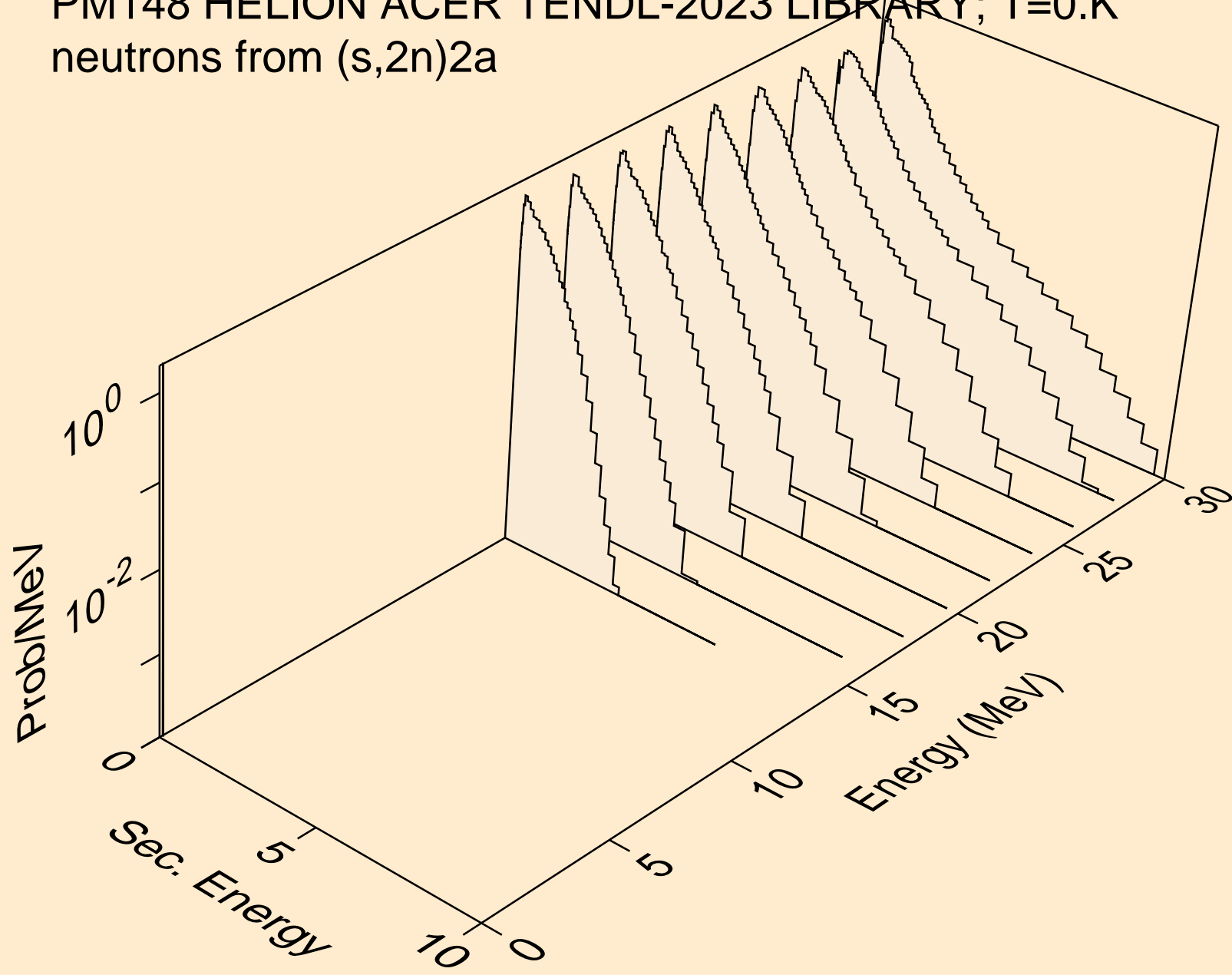
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)p



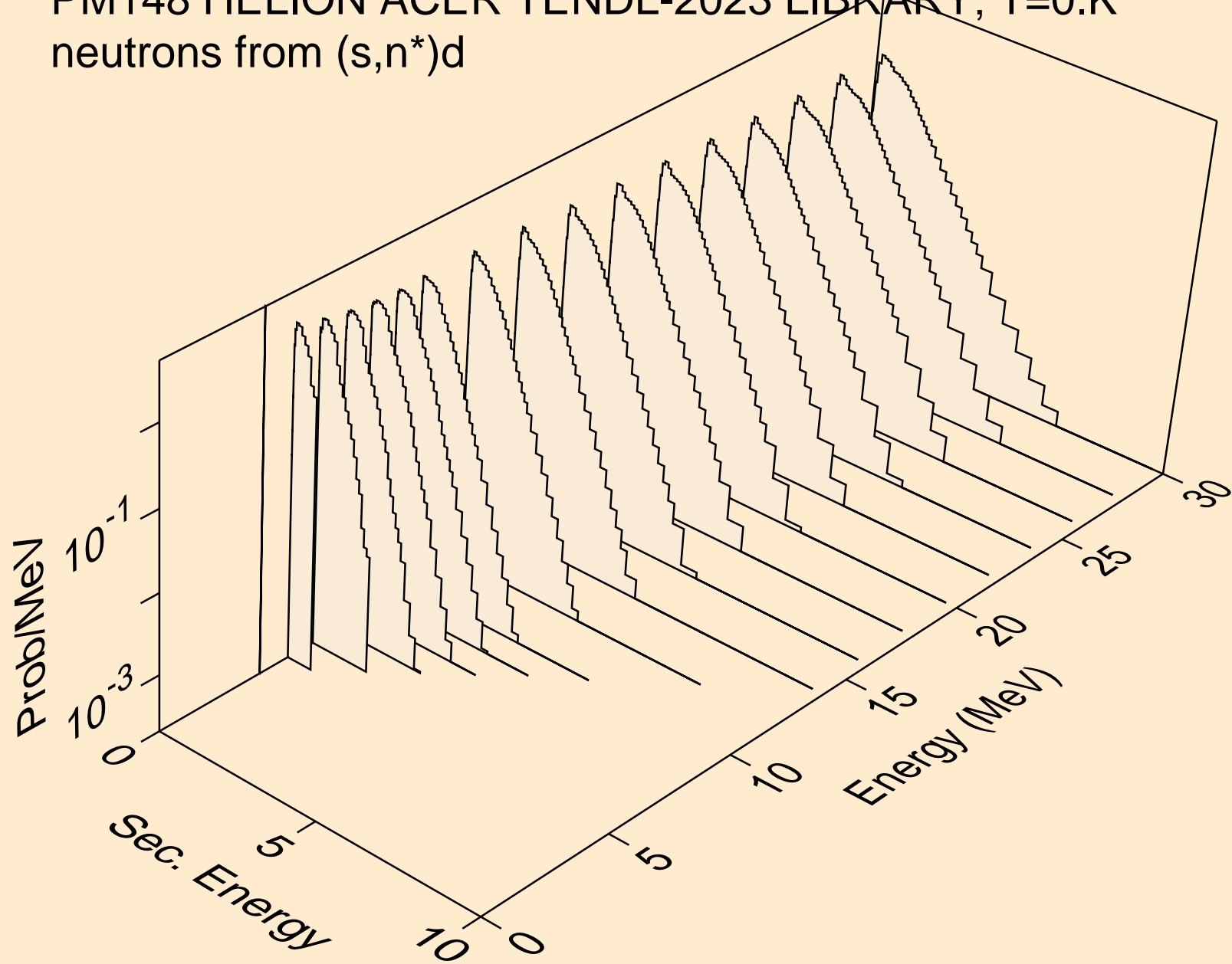
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)2a



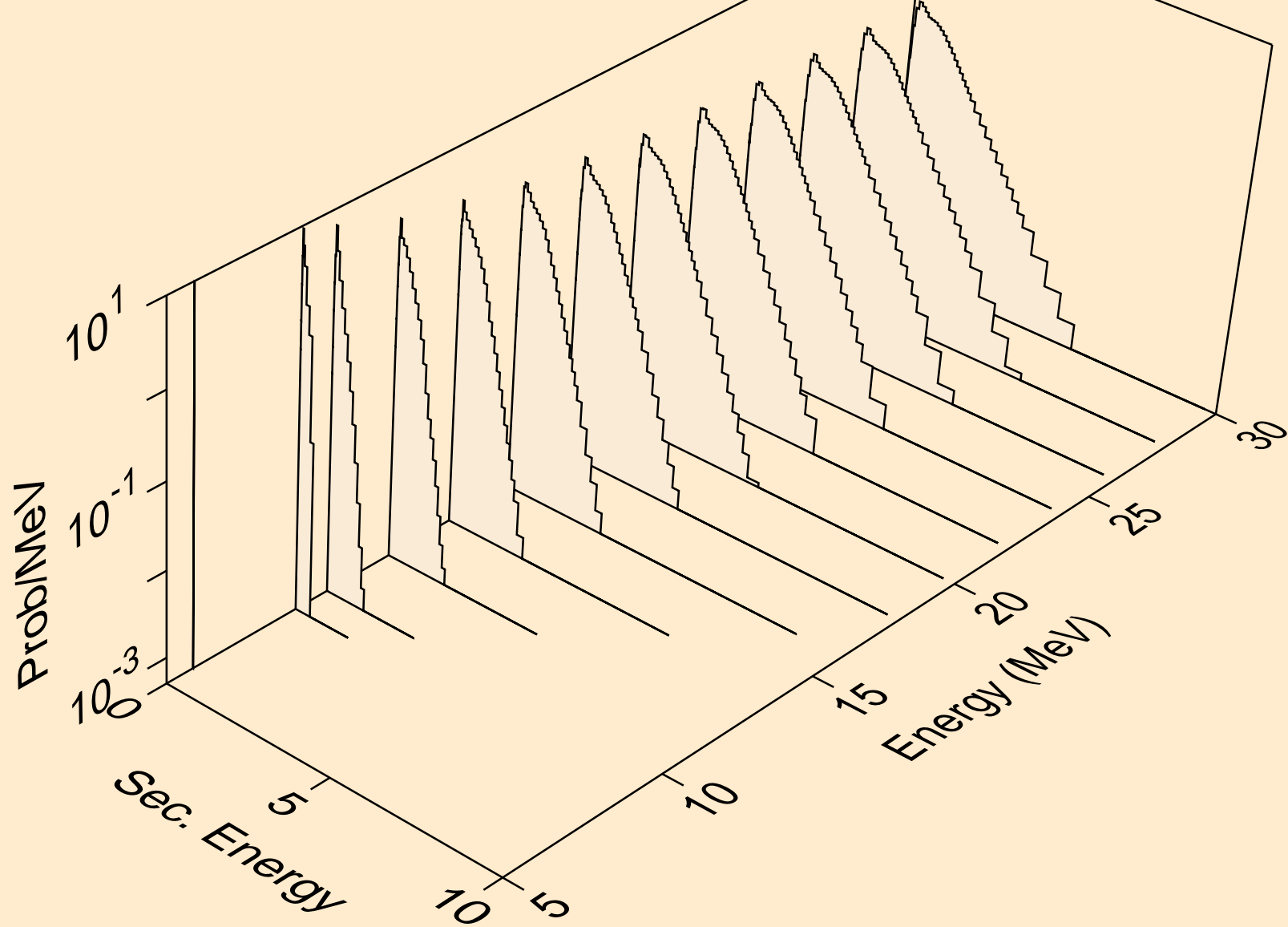
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)2a



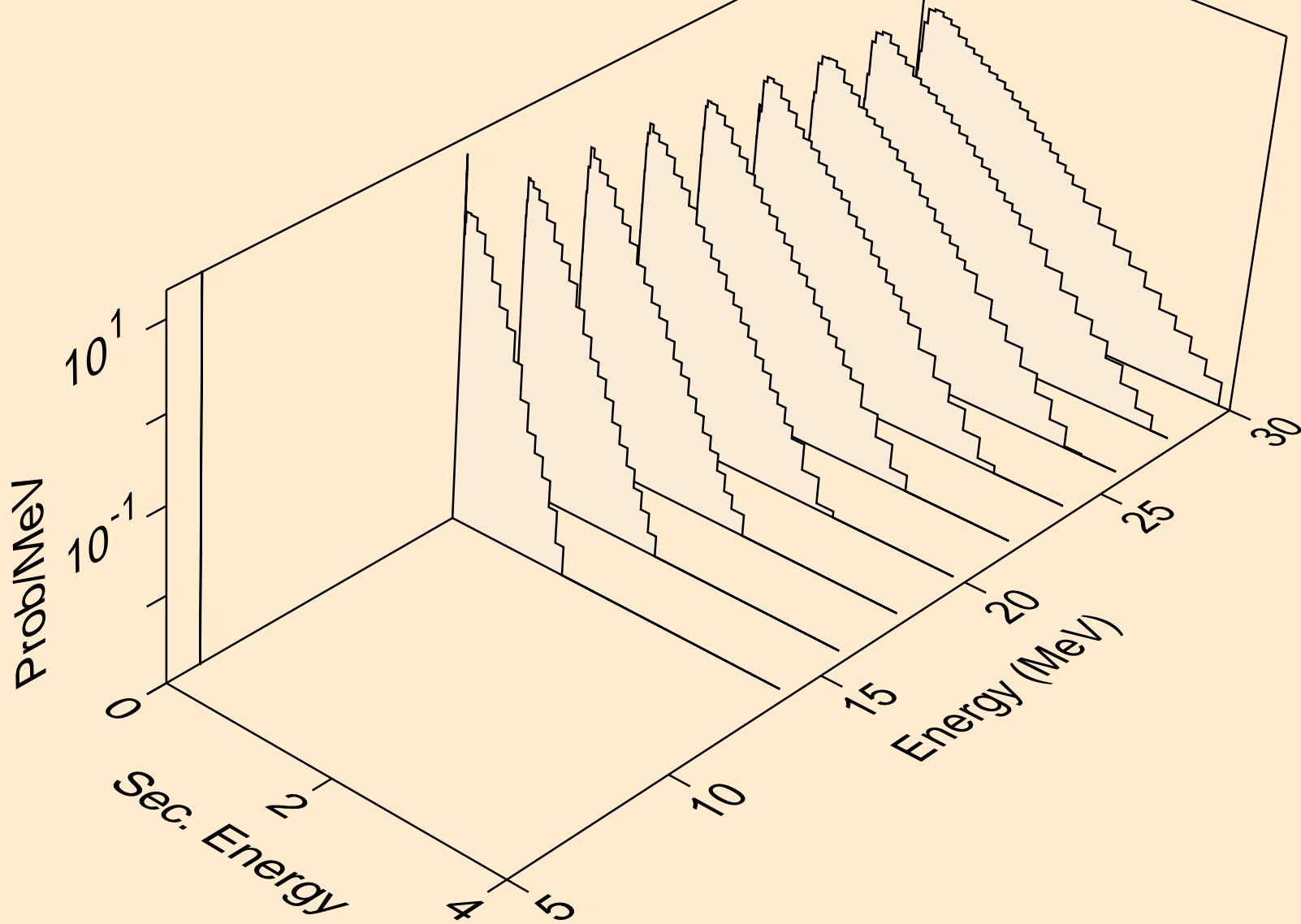
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)d



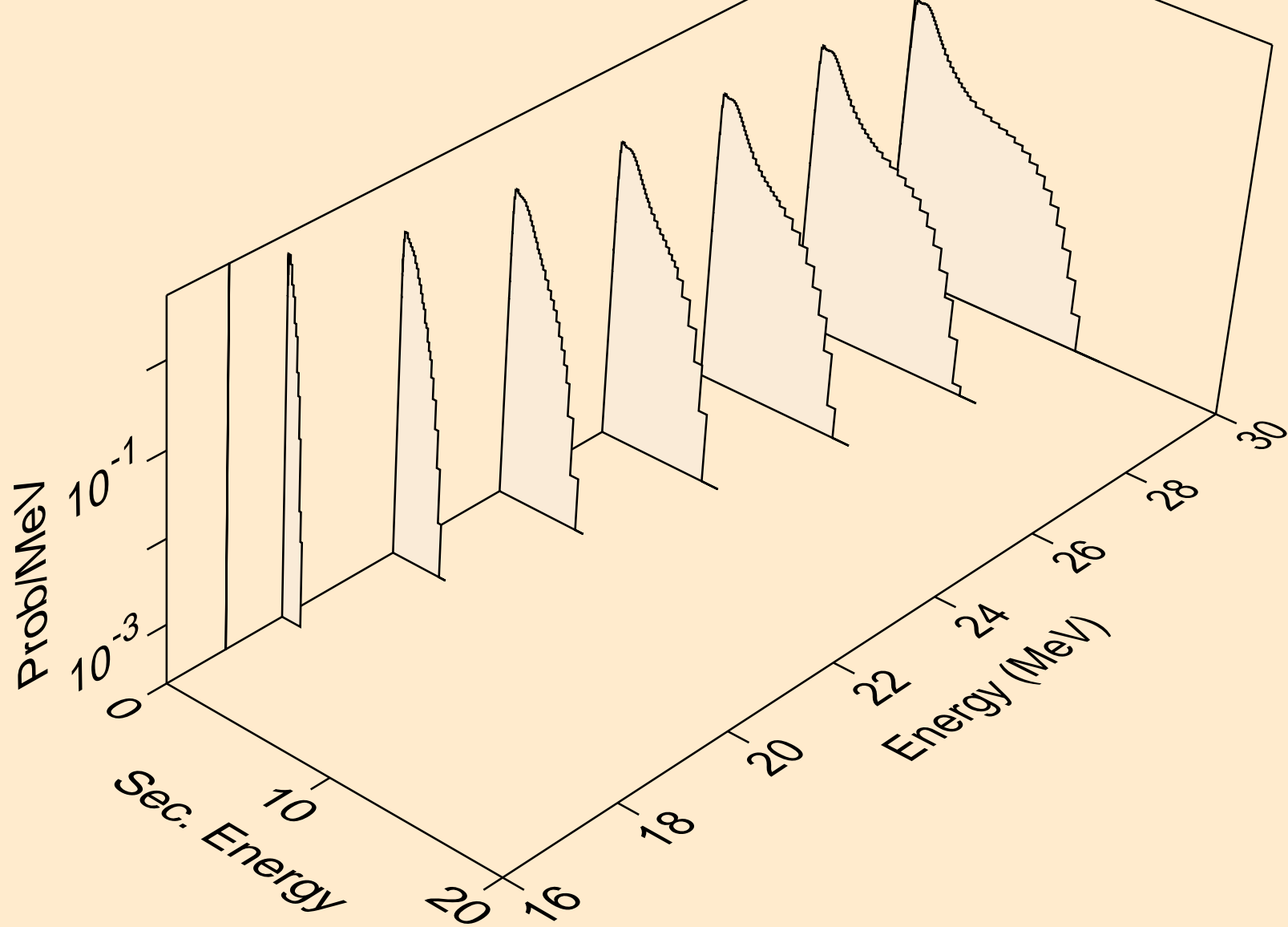
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)t



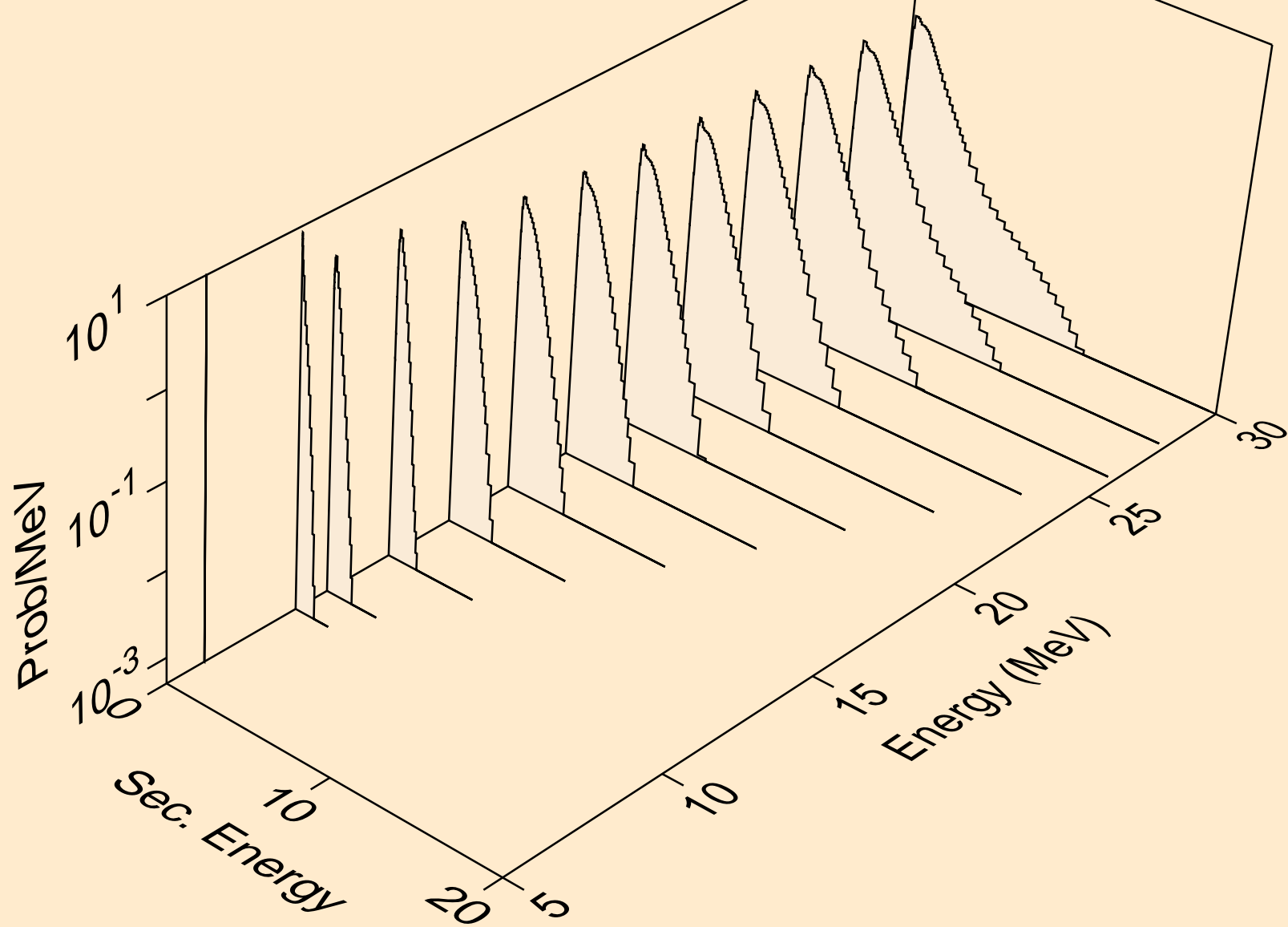
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)he3



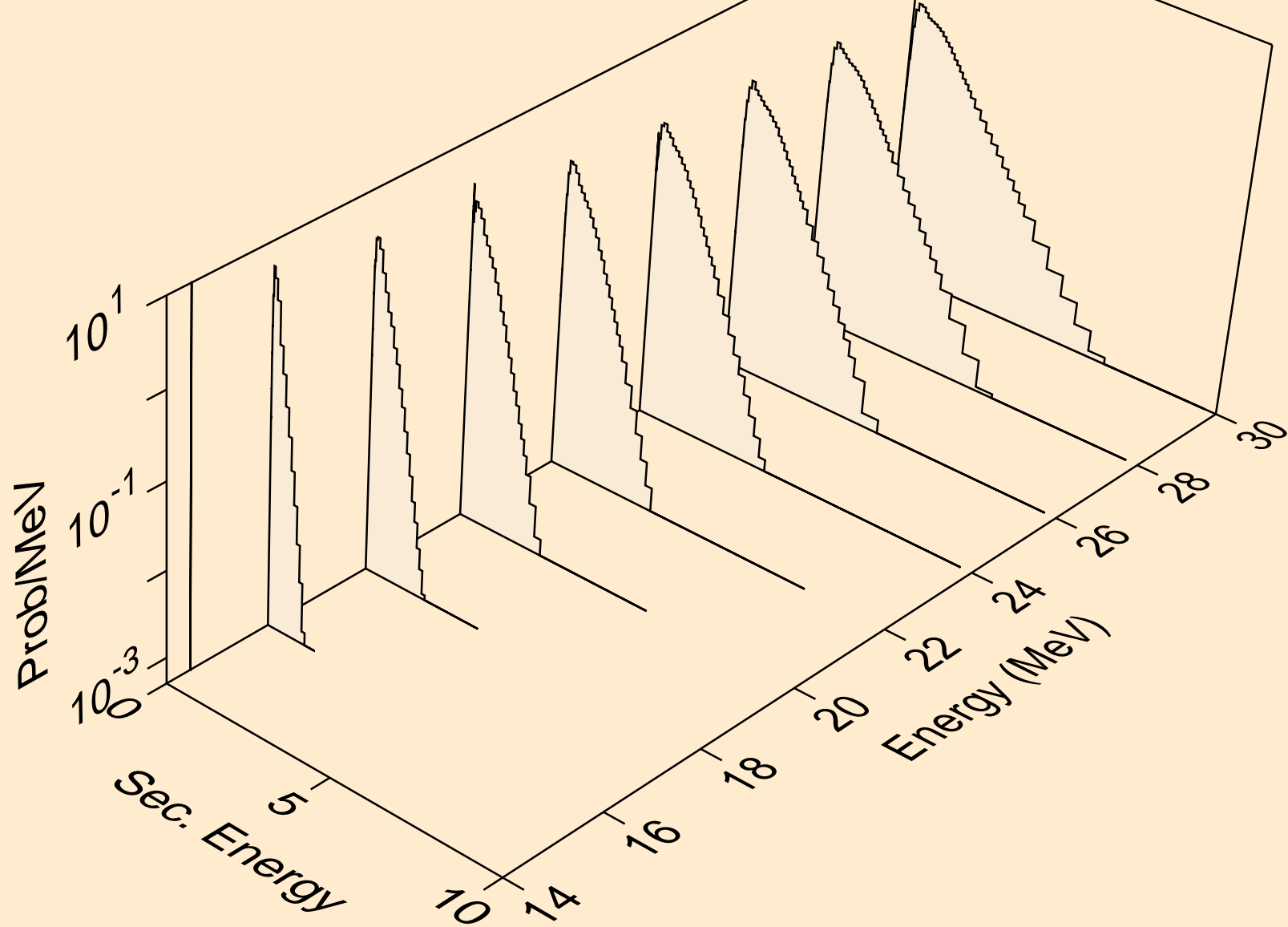
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,4n)



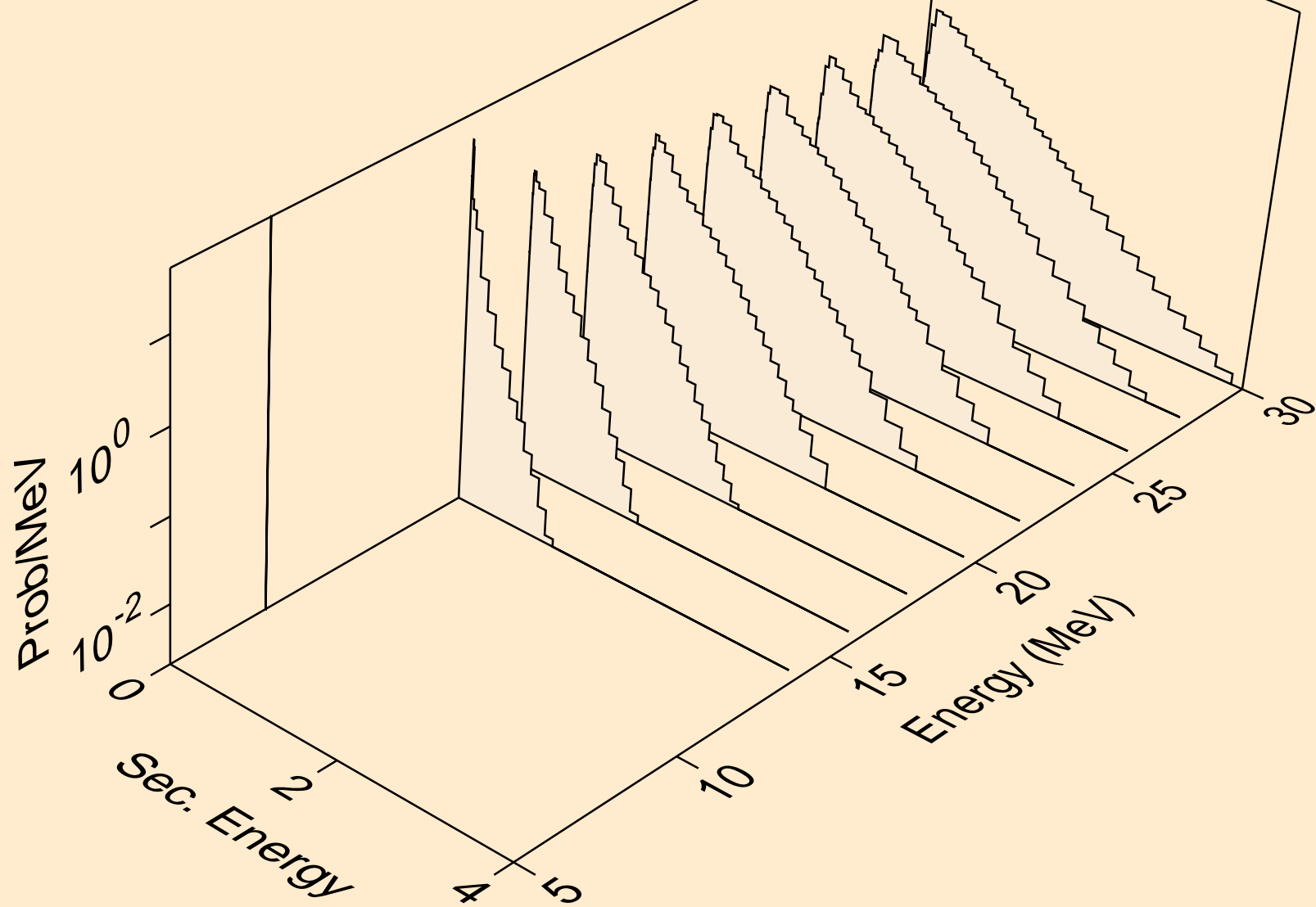
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2np)



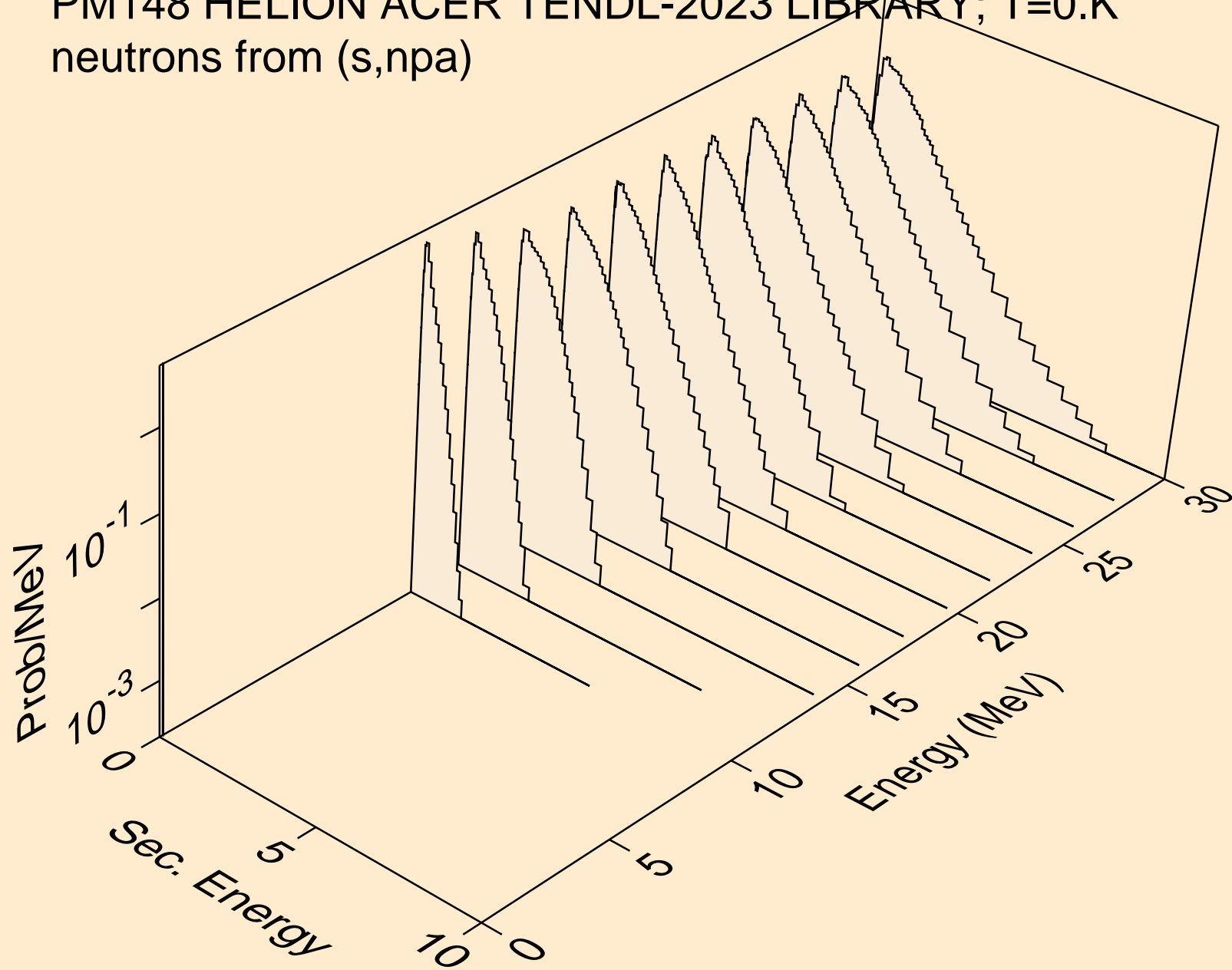
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3np)



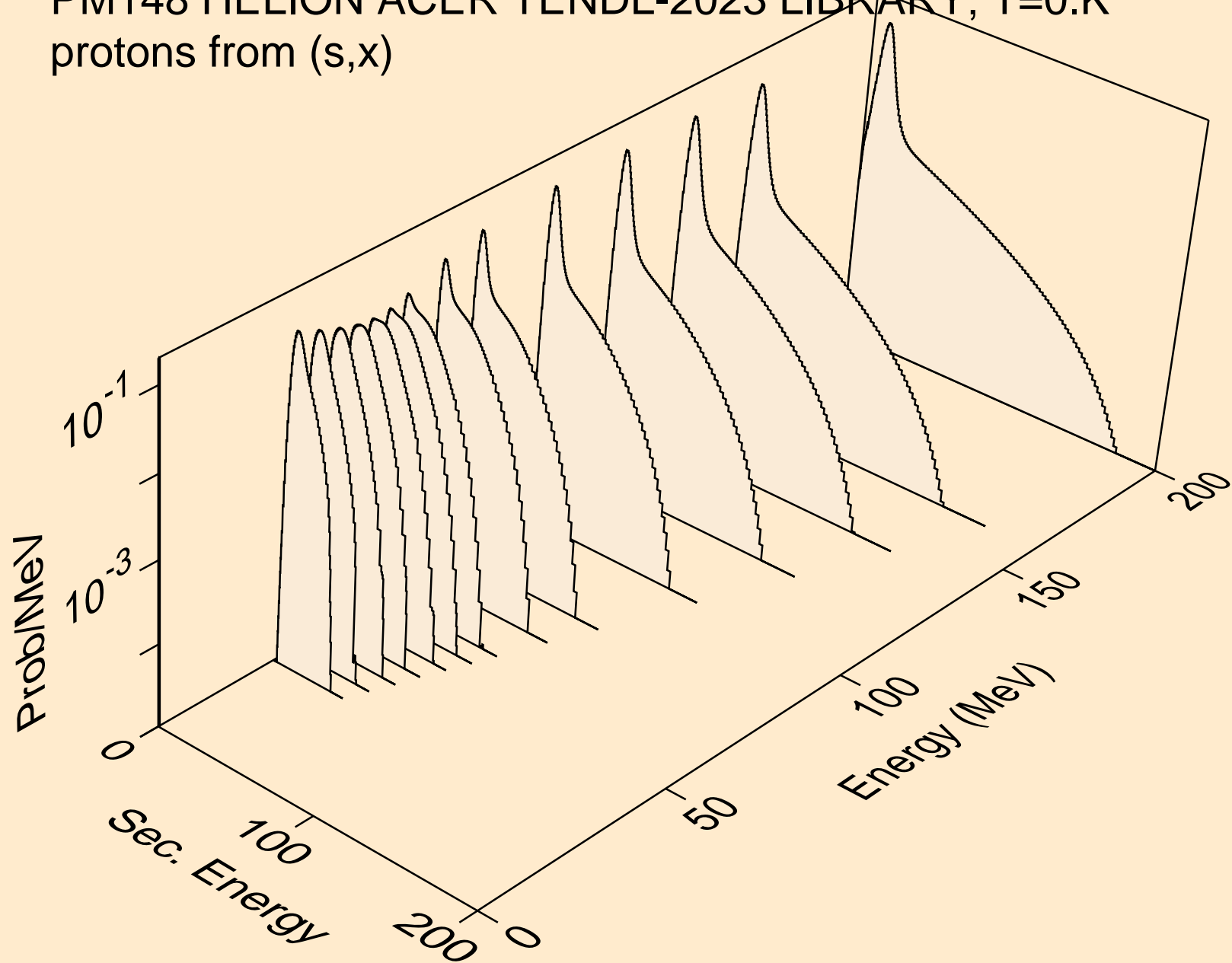
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n2p)



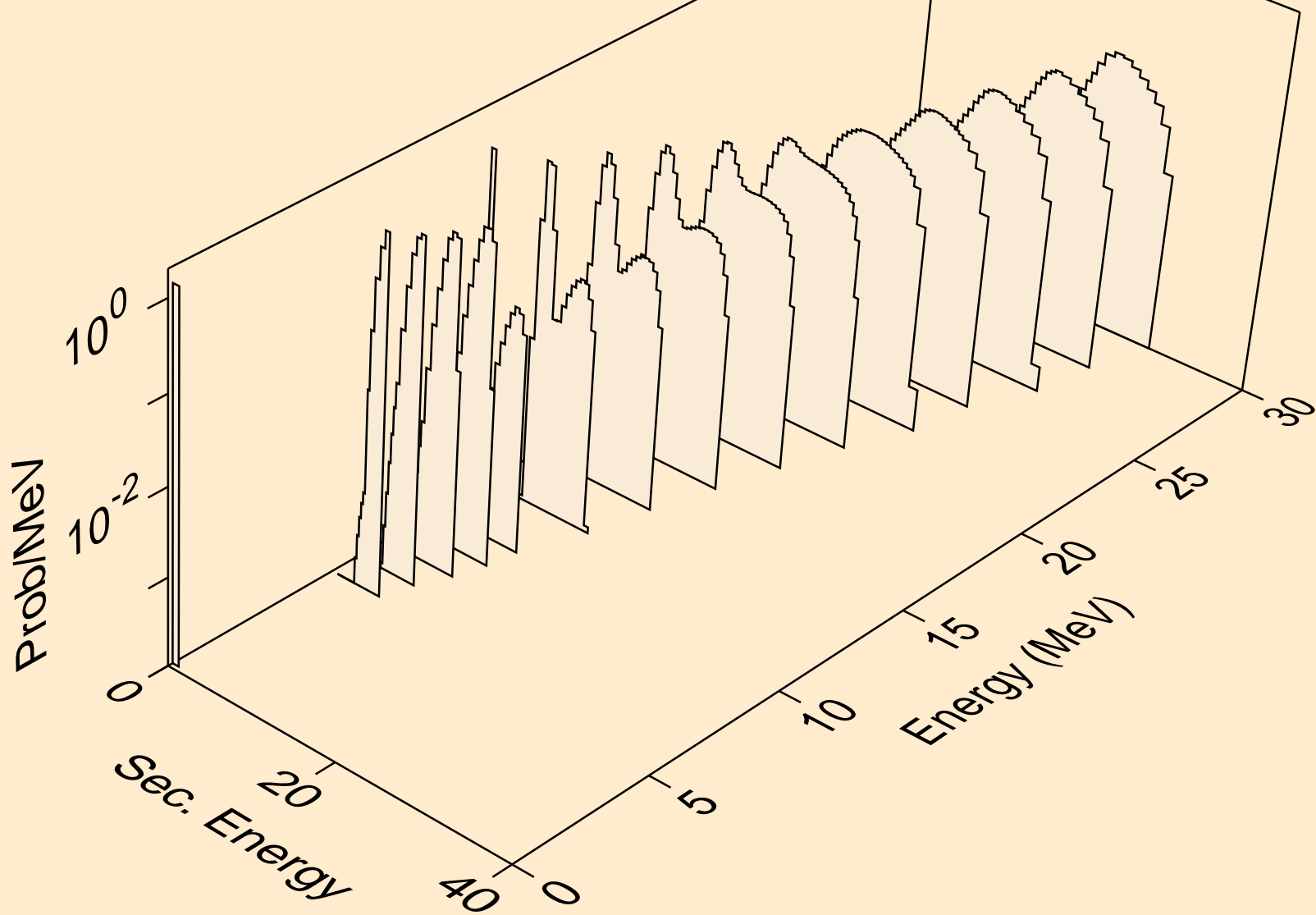
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,npa)



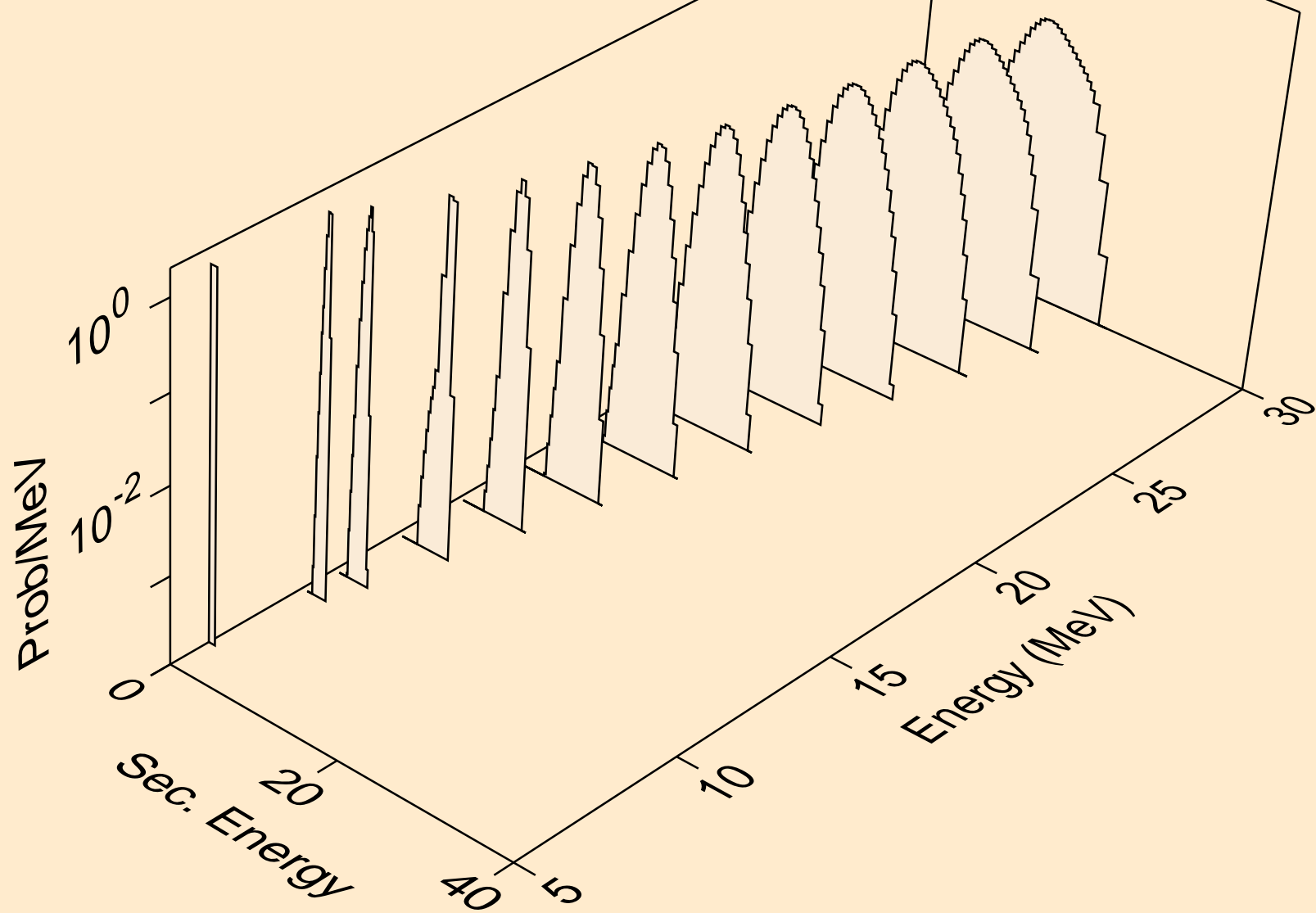
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,x)



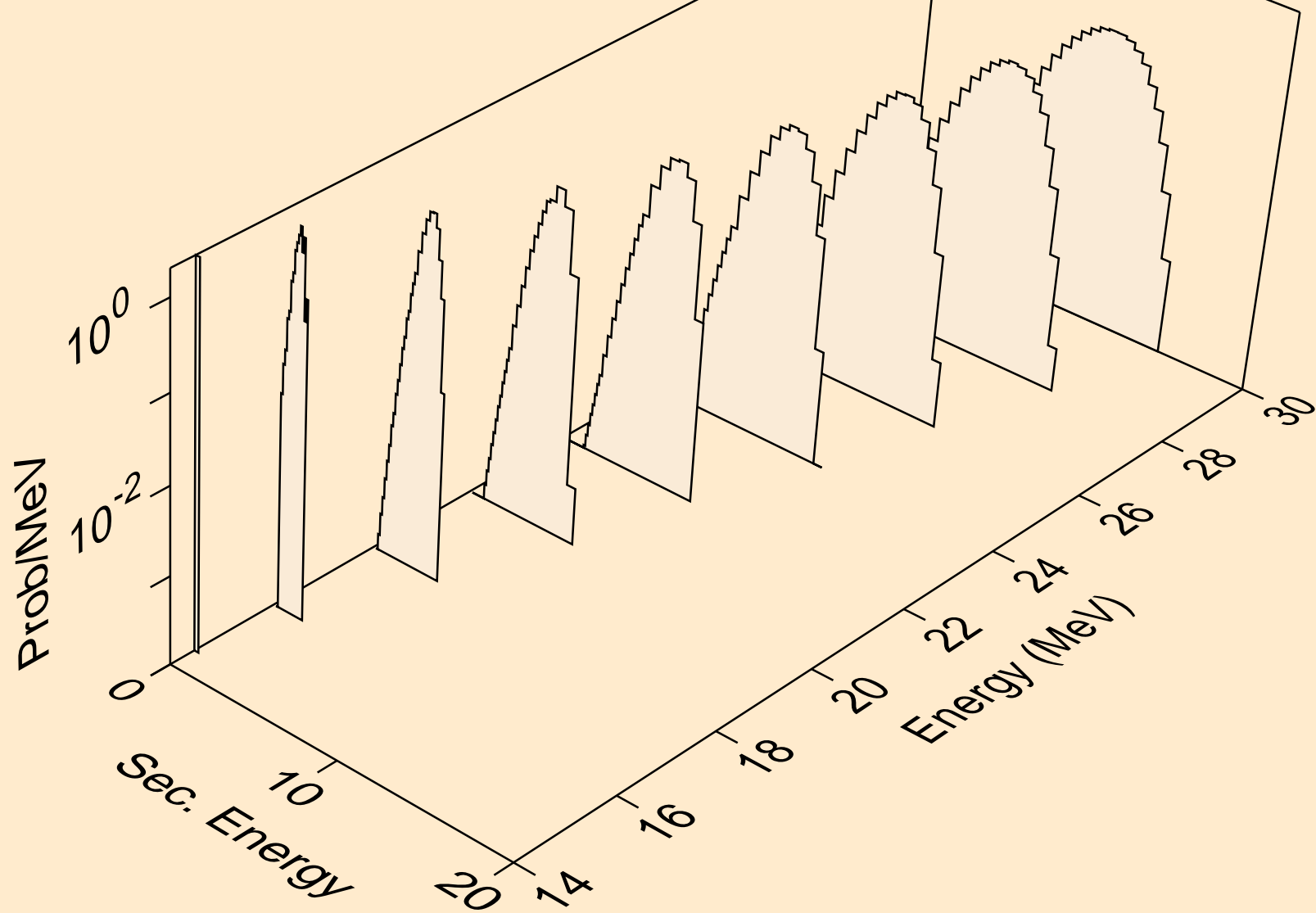
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,n*)p



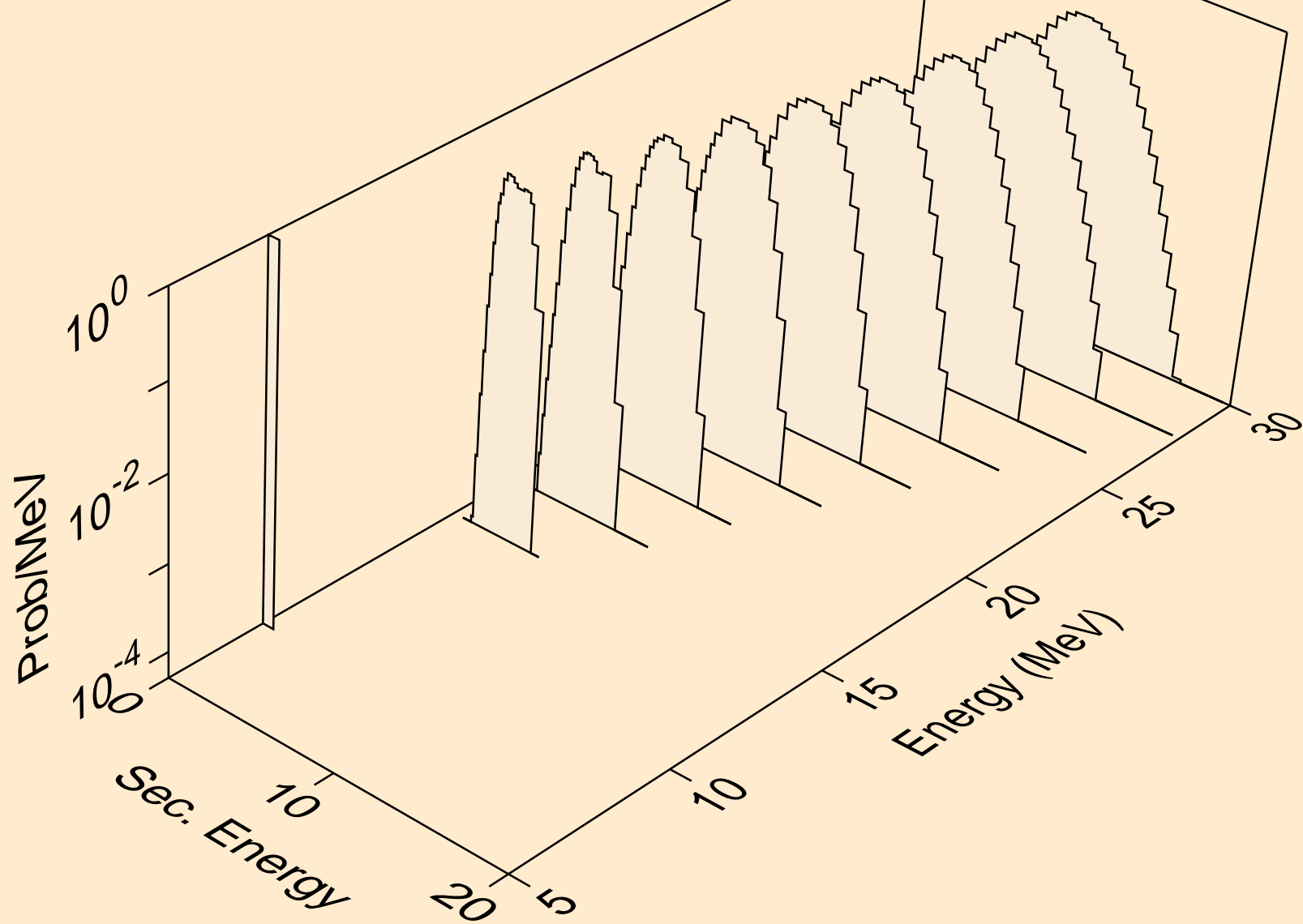
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,2np)



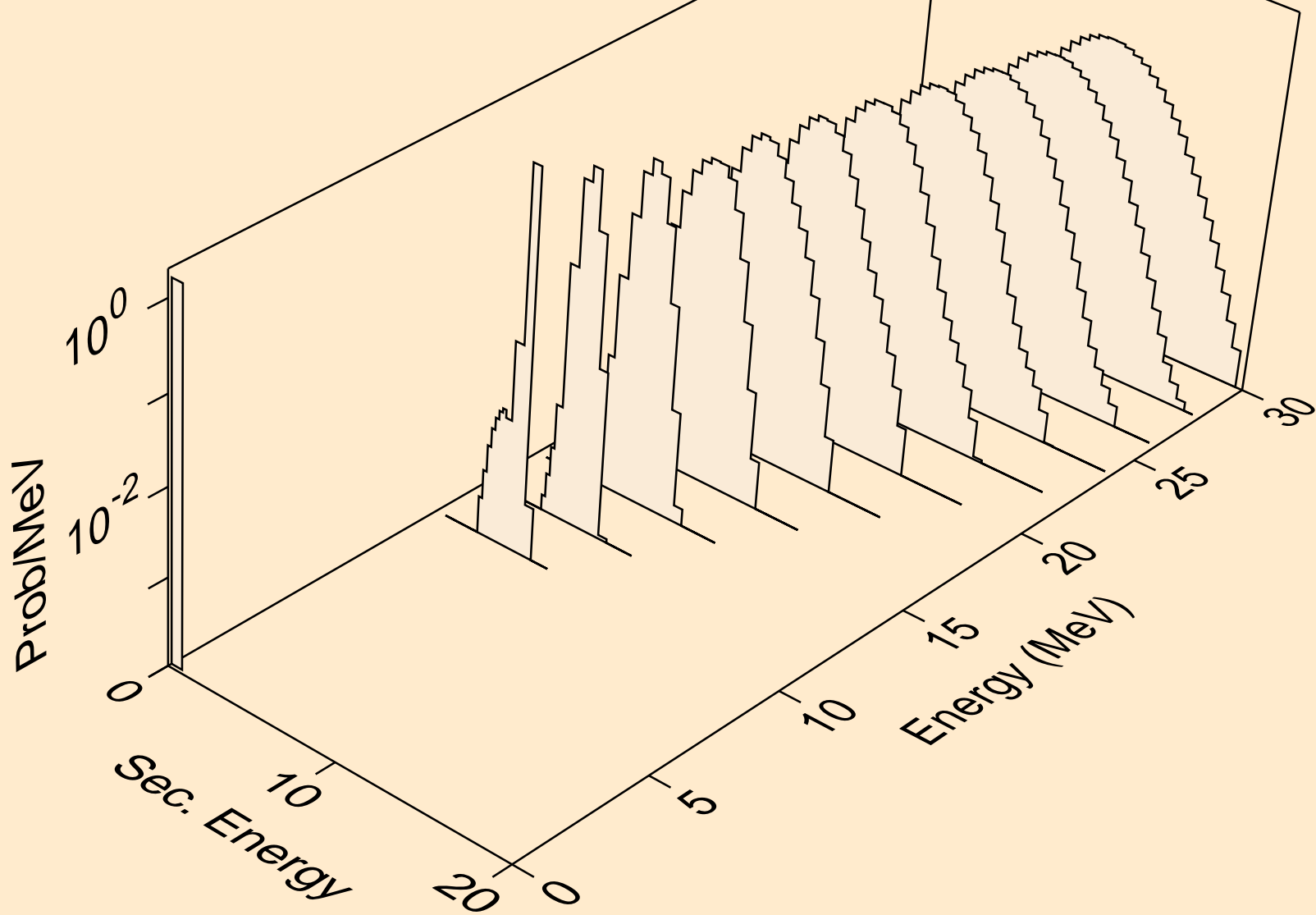
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,3np)



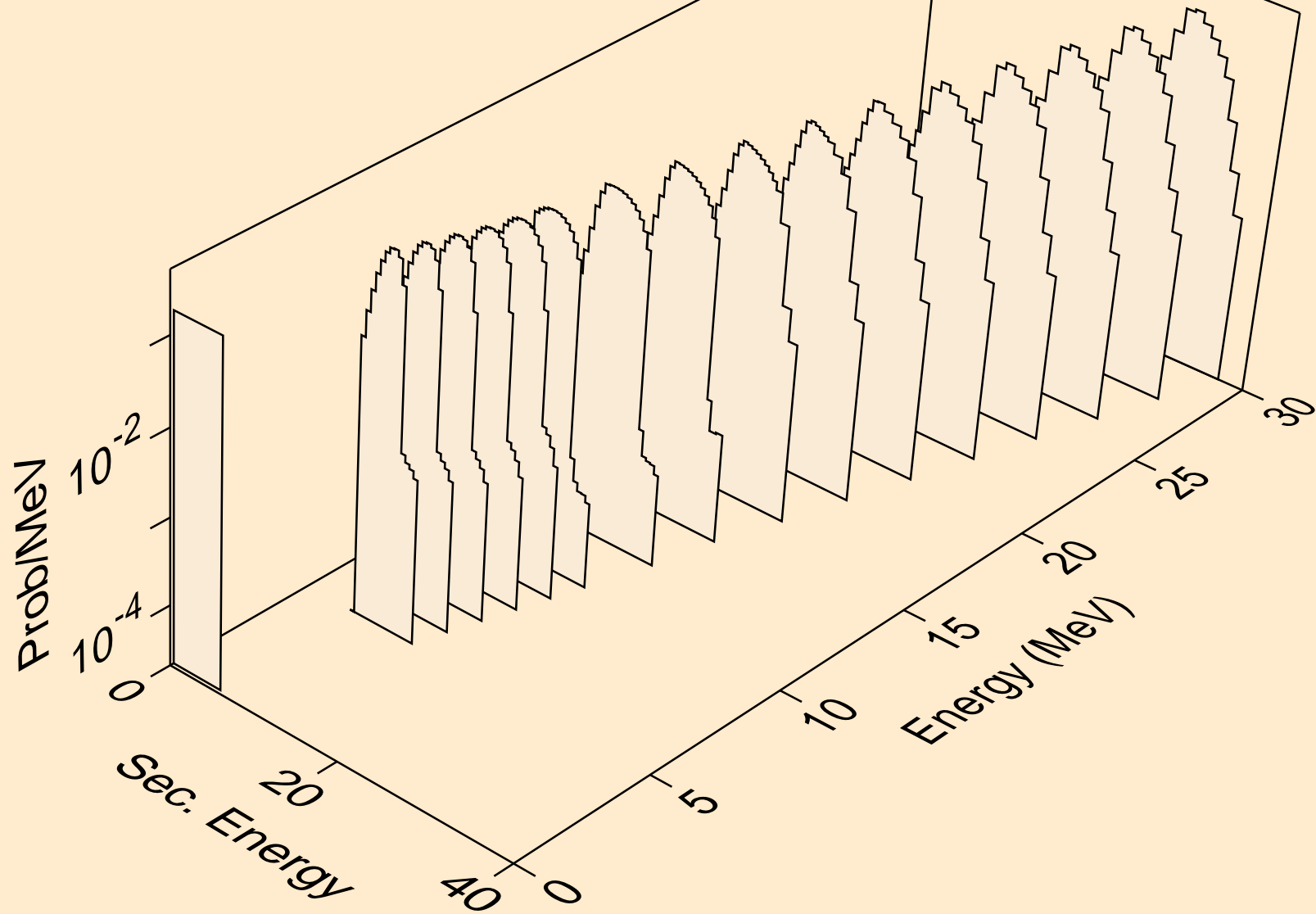
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protons from (s,n2p)



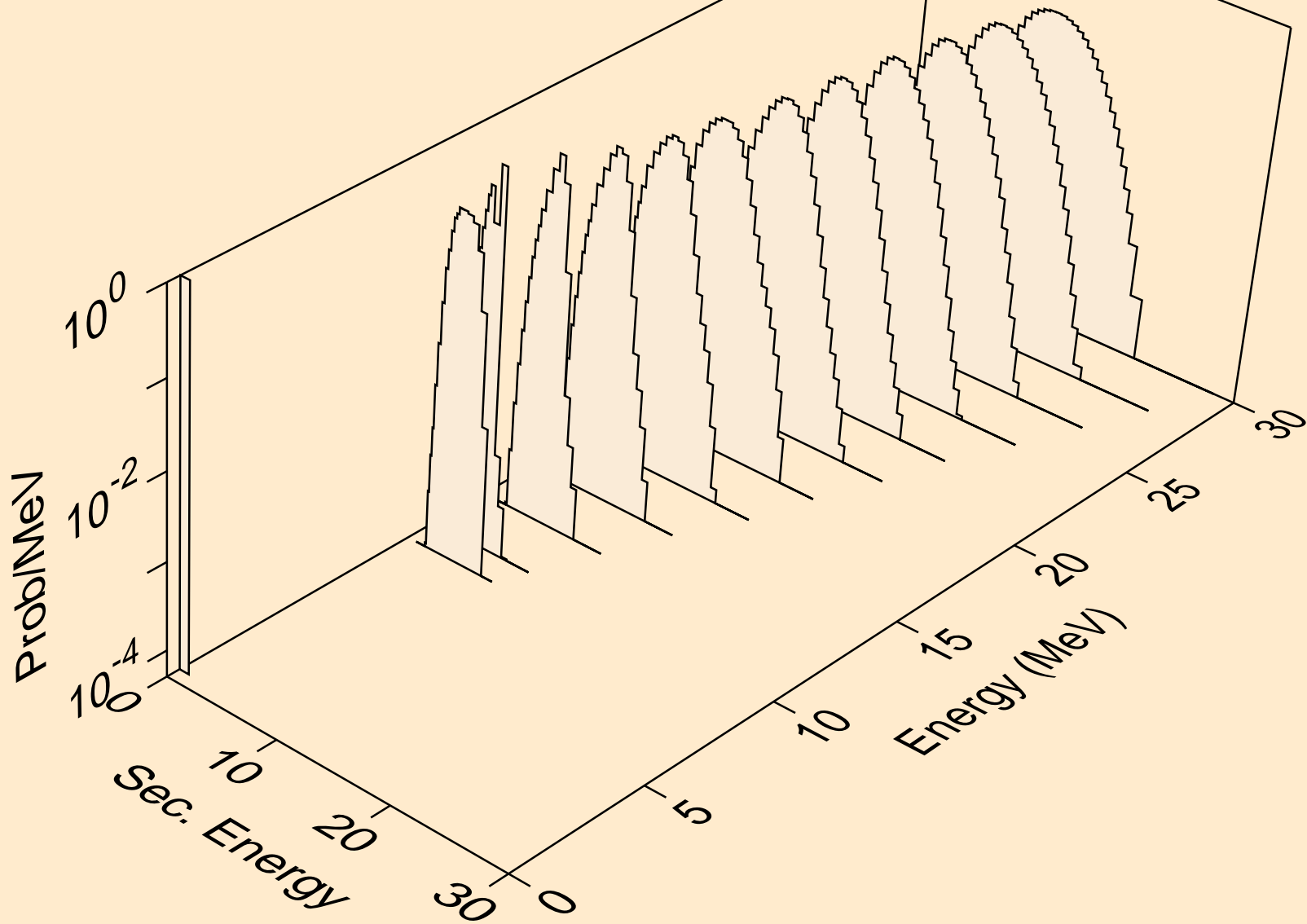
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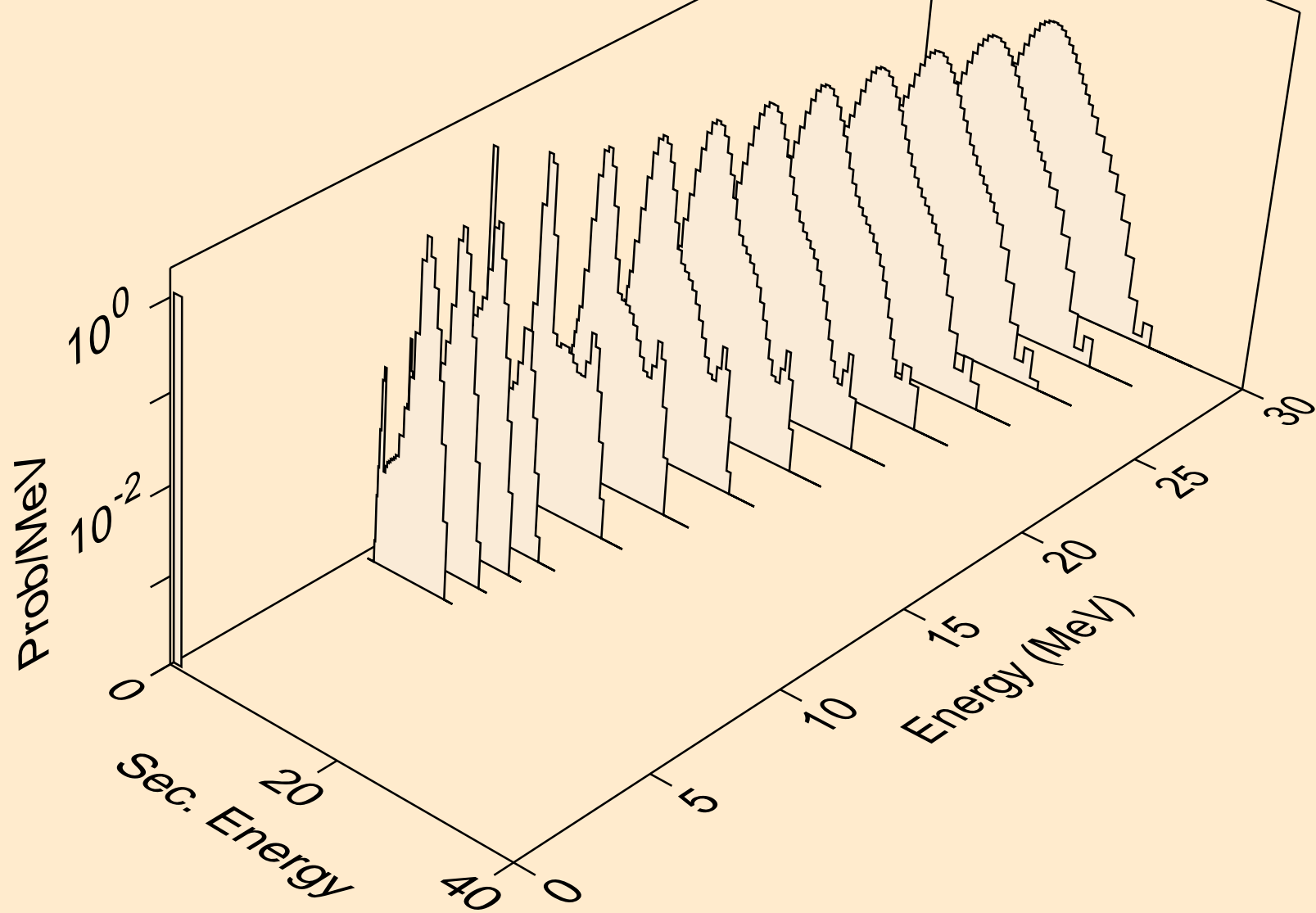
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protons from (s,p)



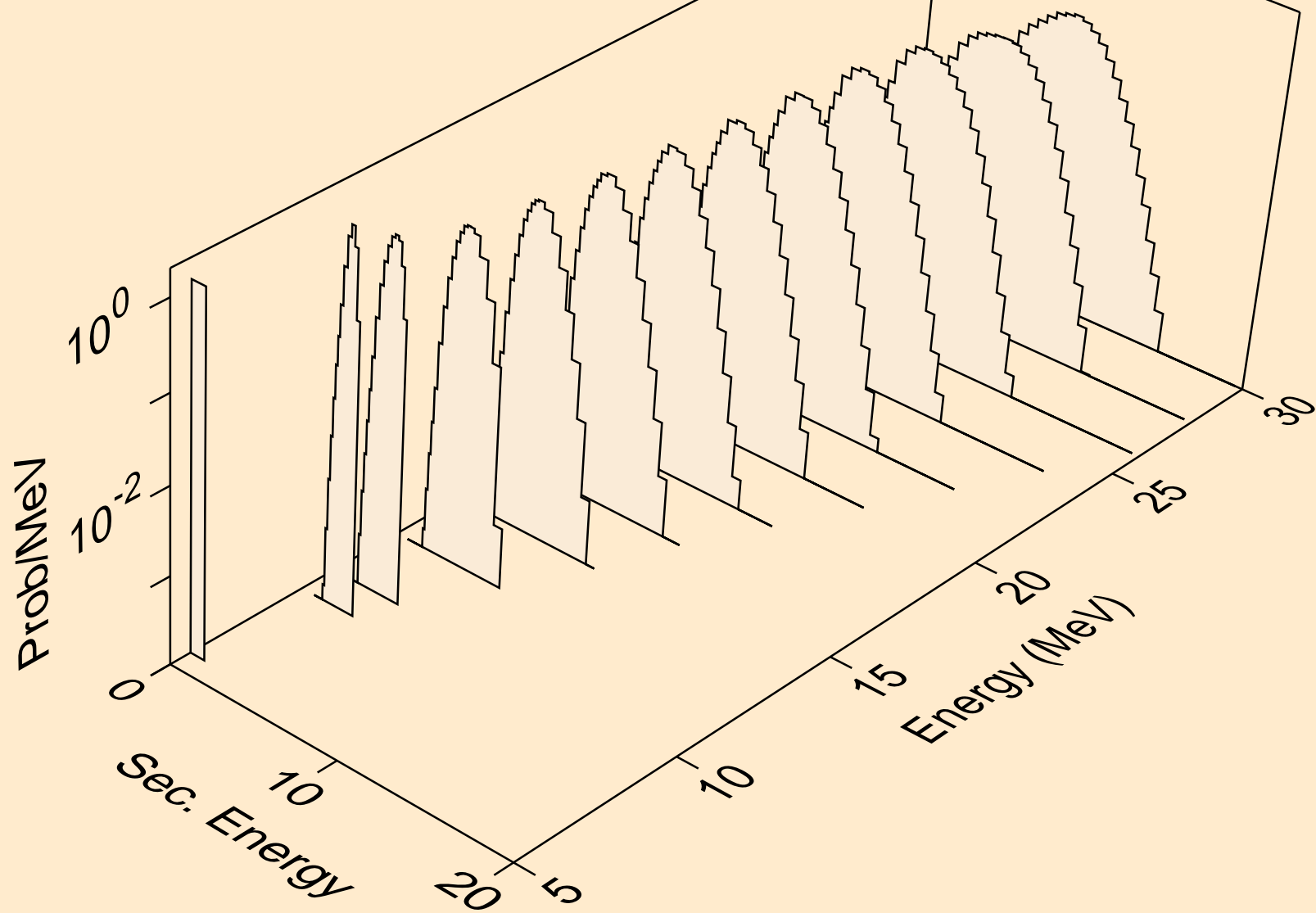
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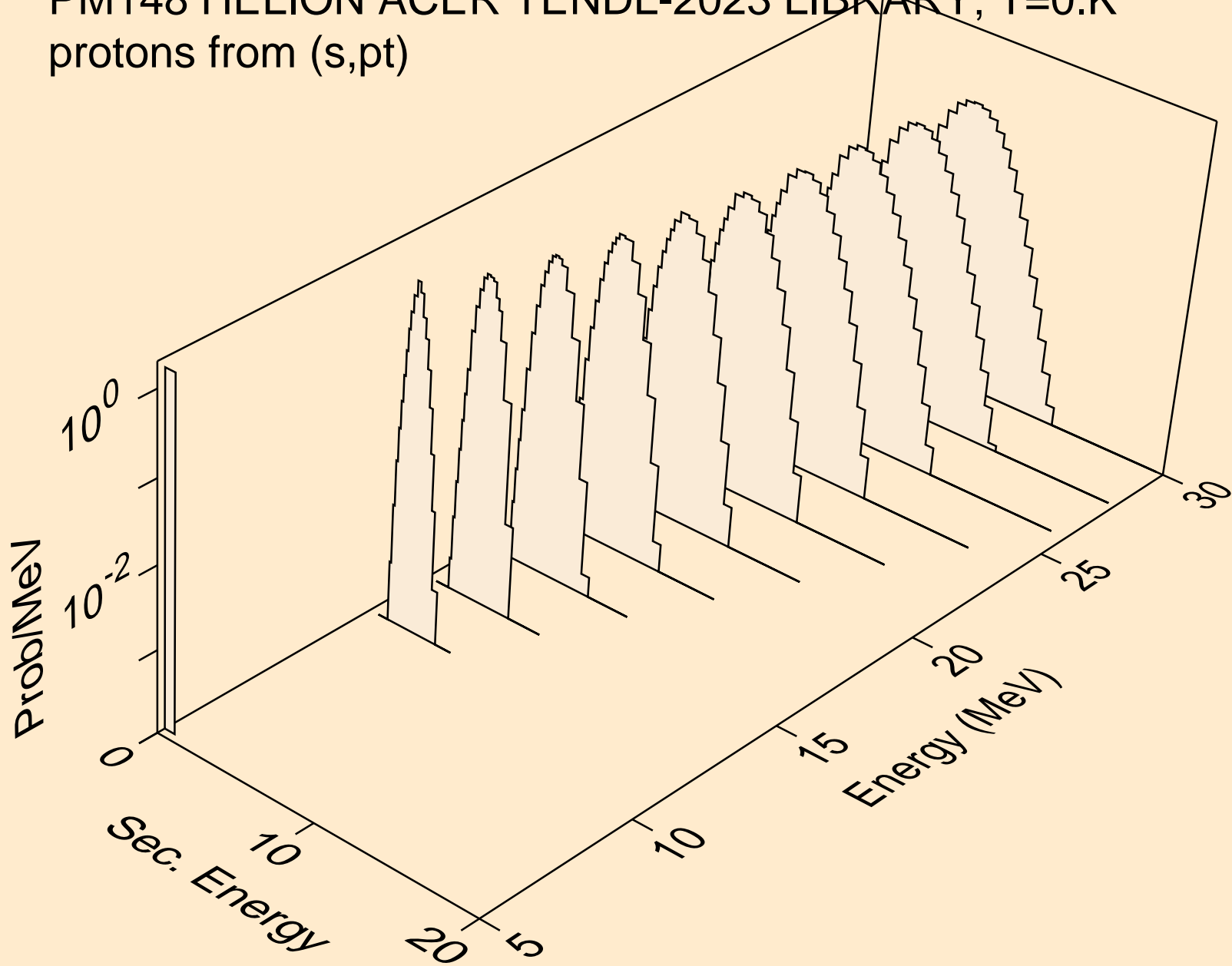
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protons from (s,pa)



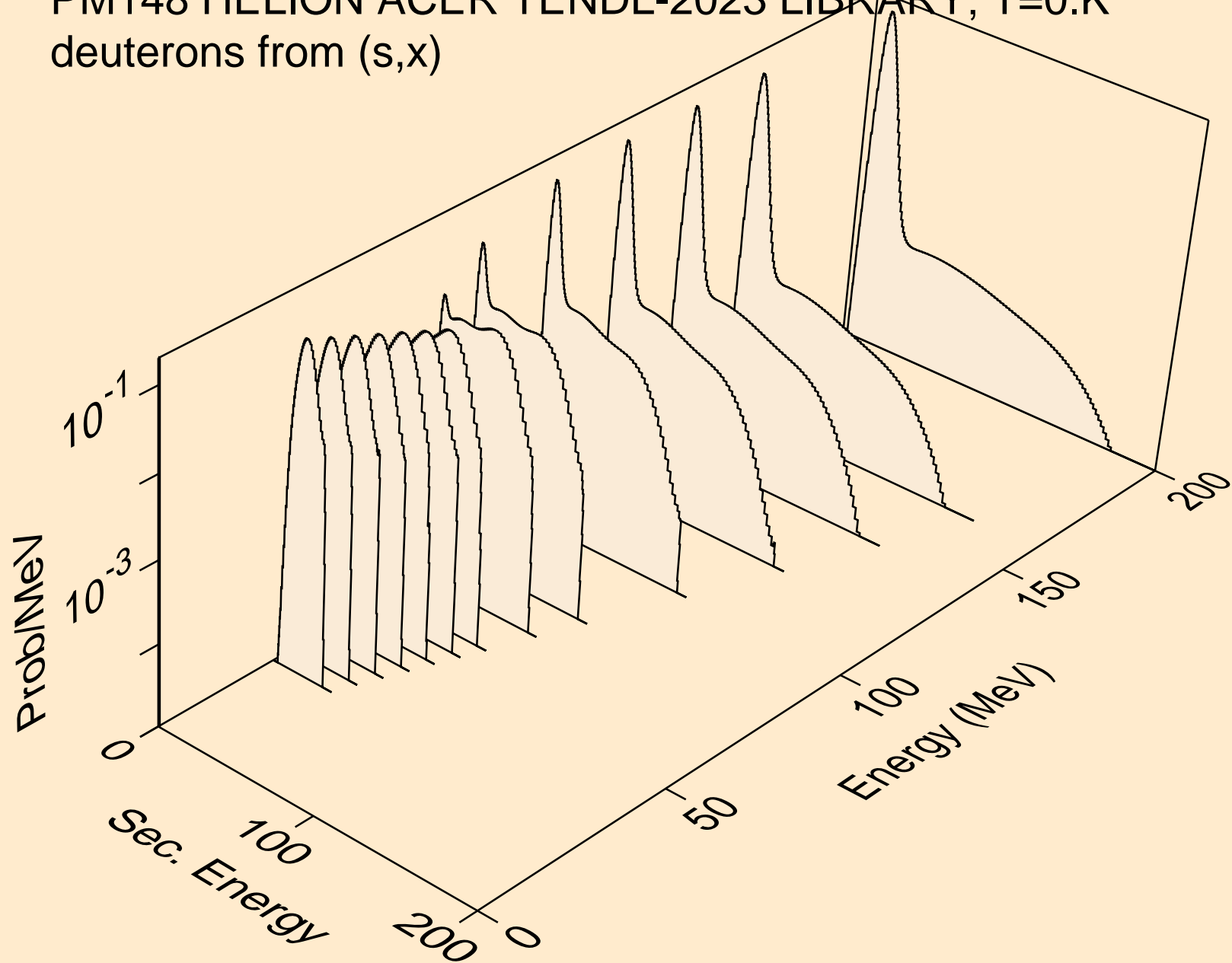
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pd)



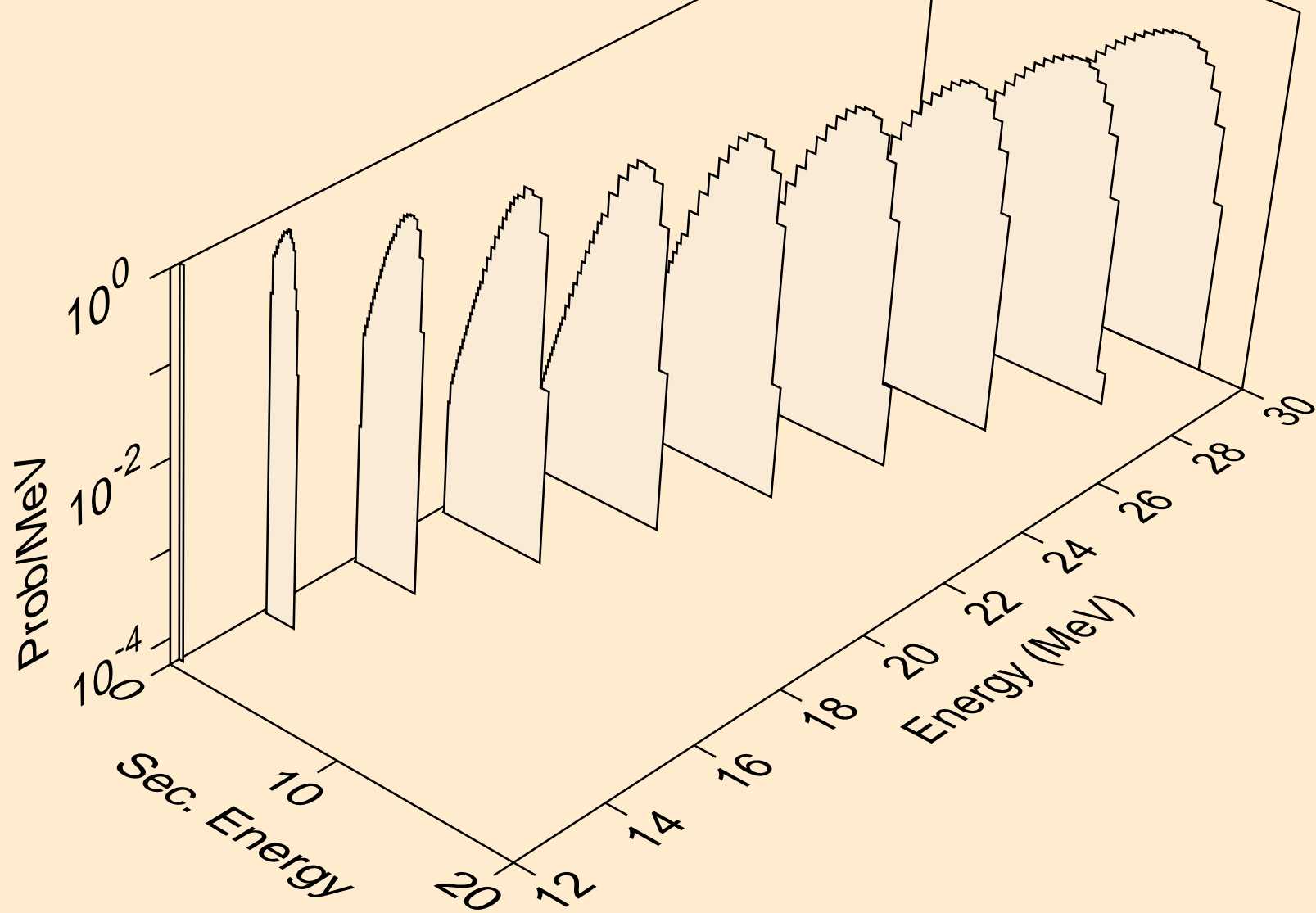
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pt)



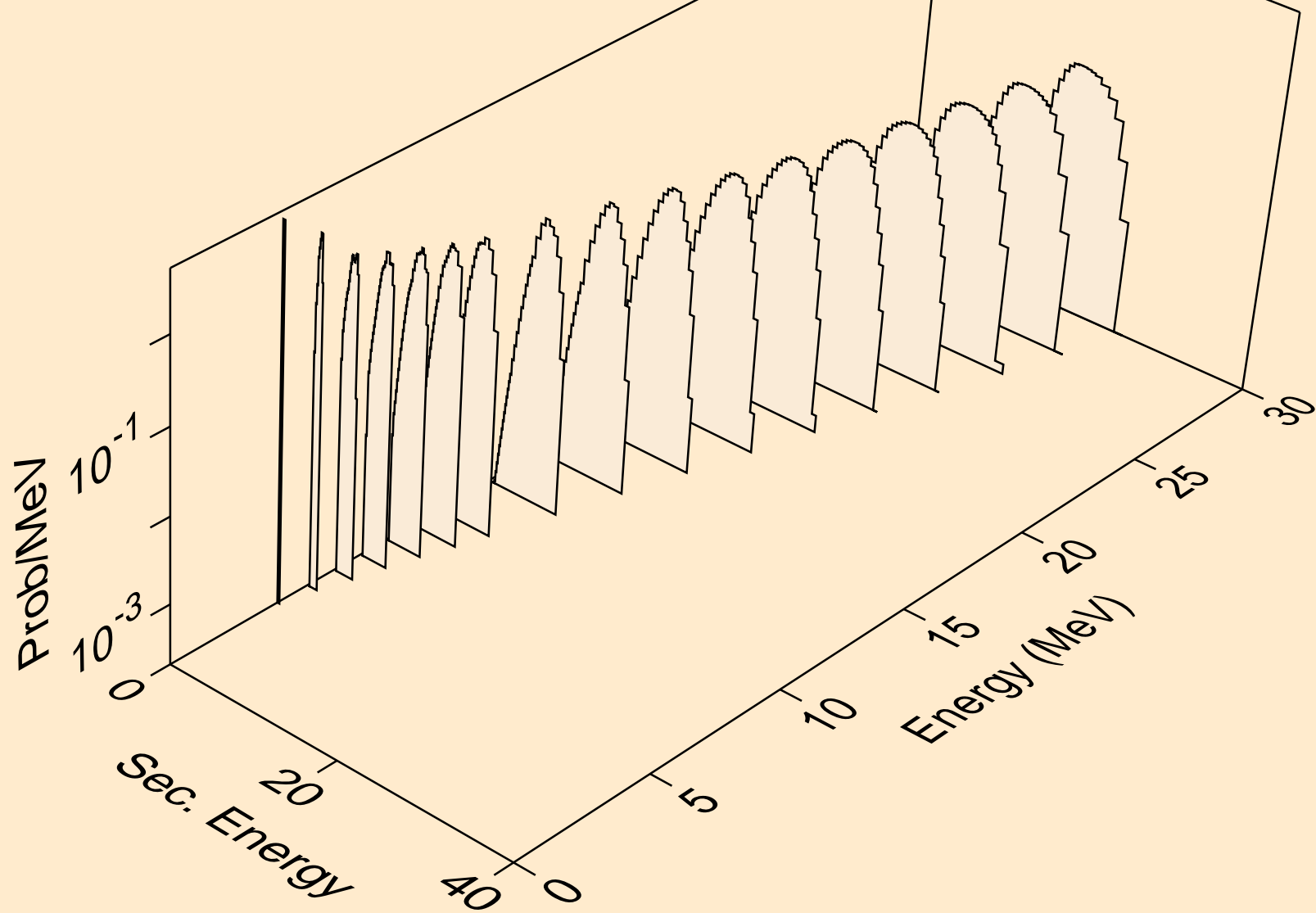
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,x)



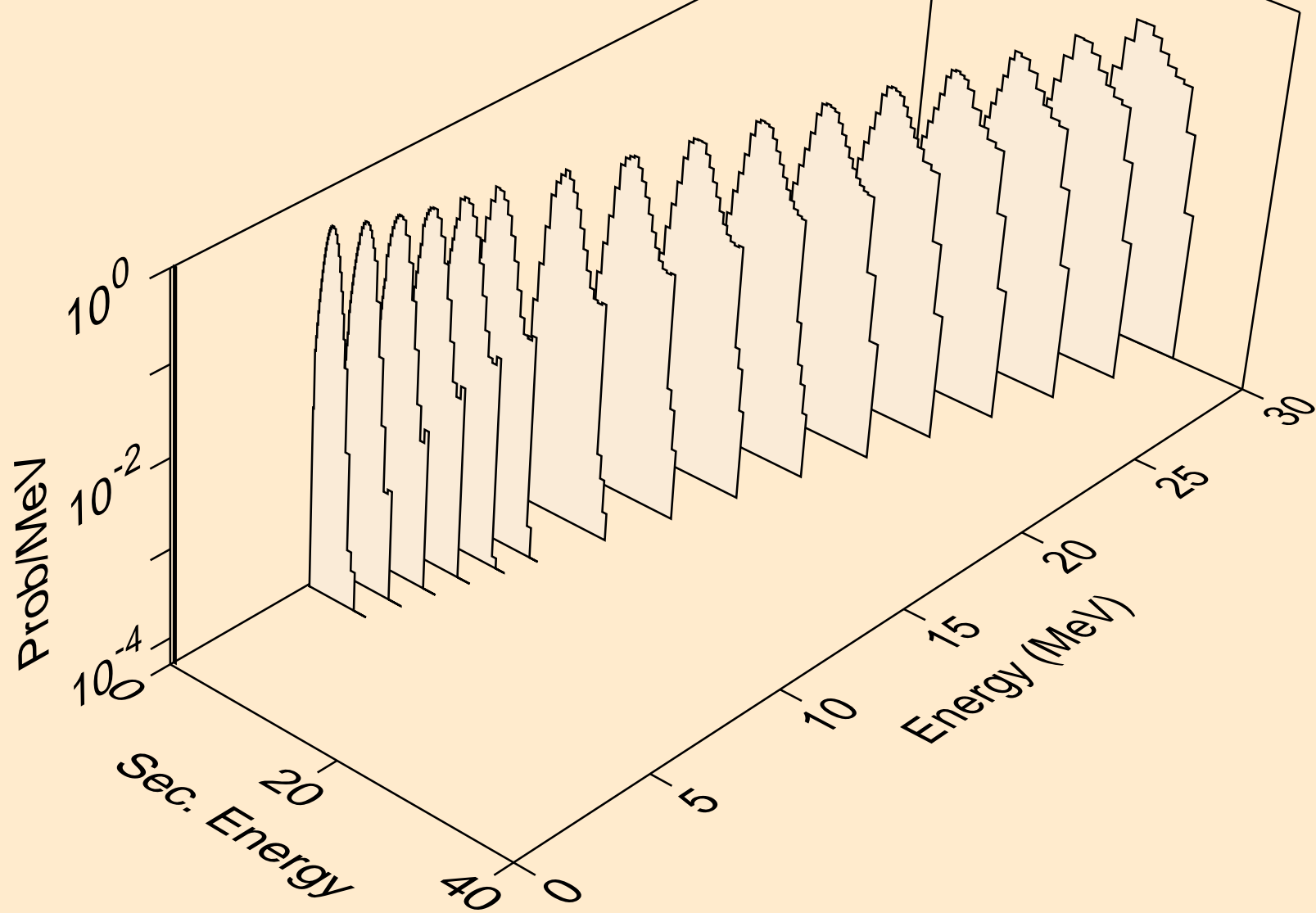
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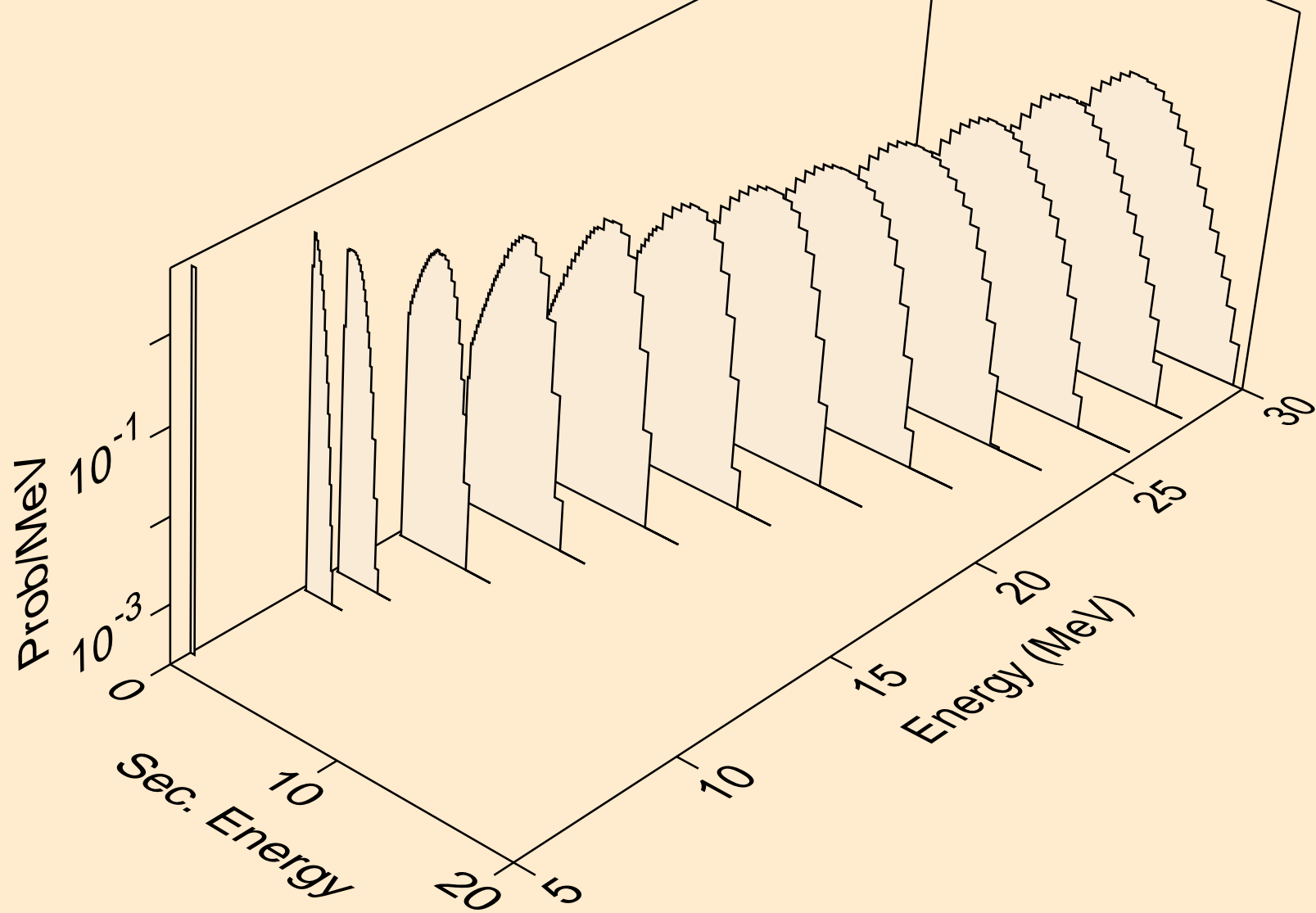
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,n*)d



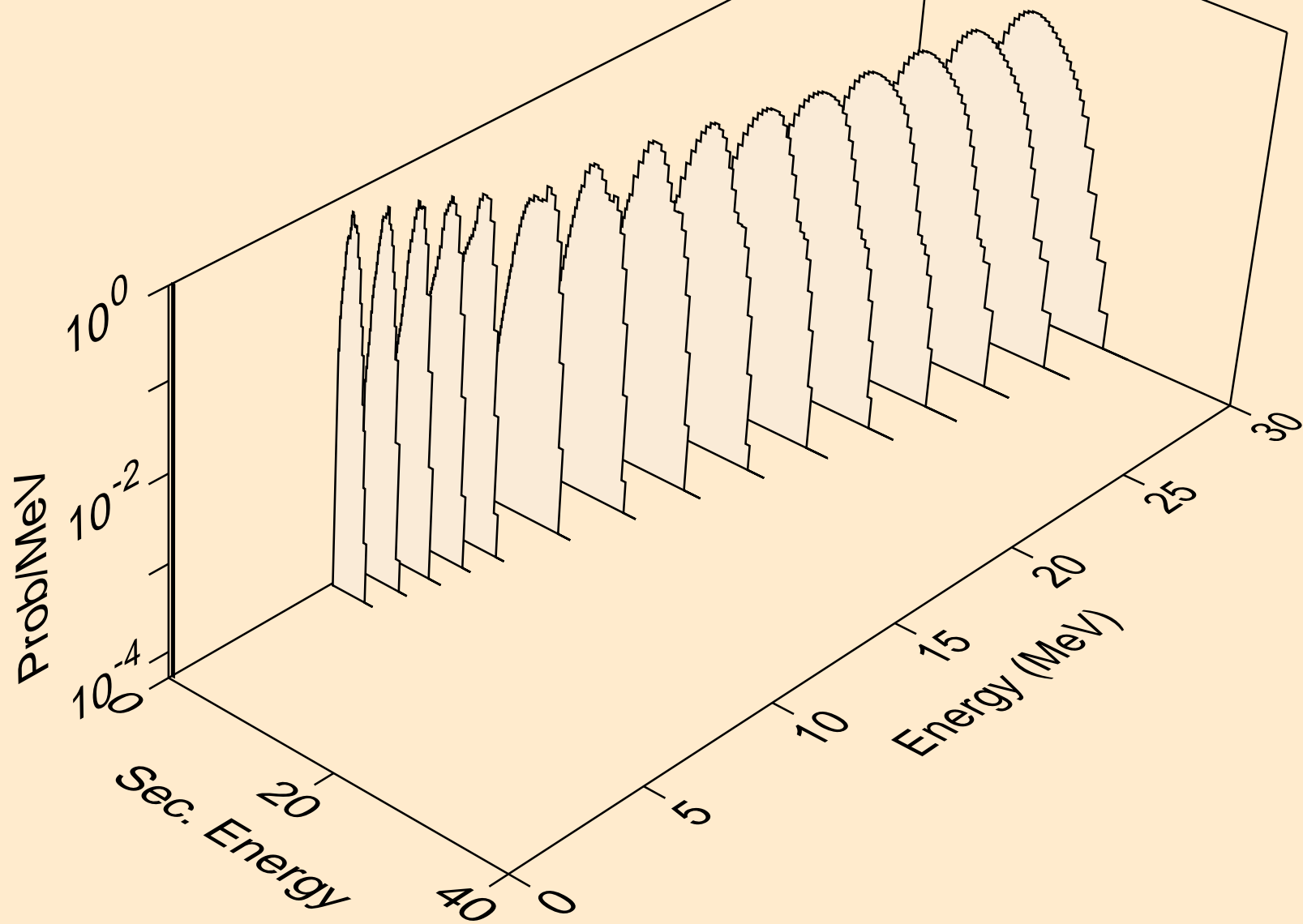
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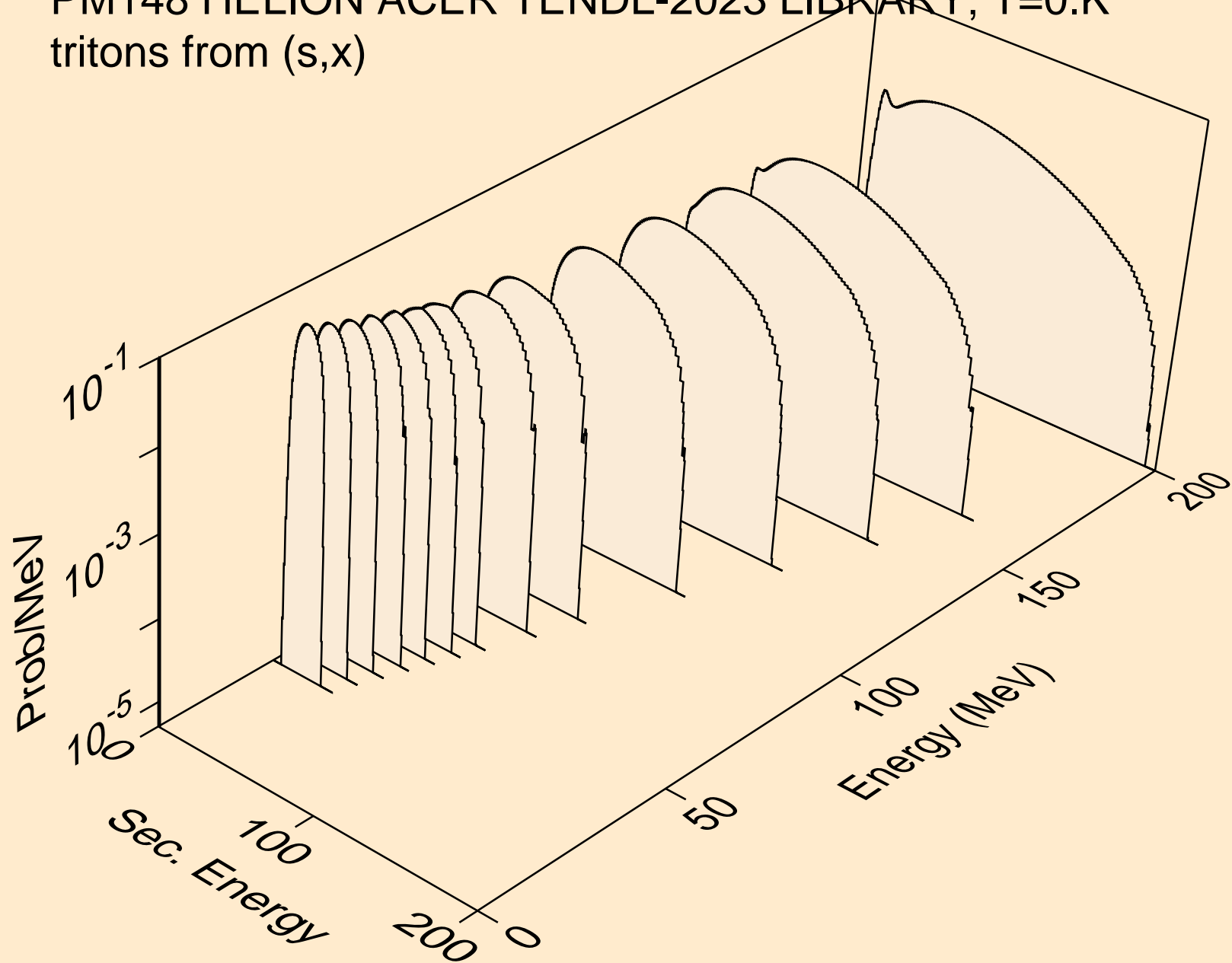
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,pd)



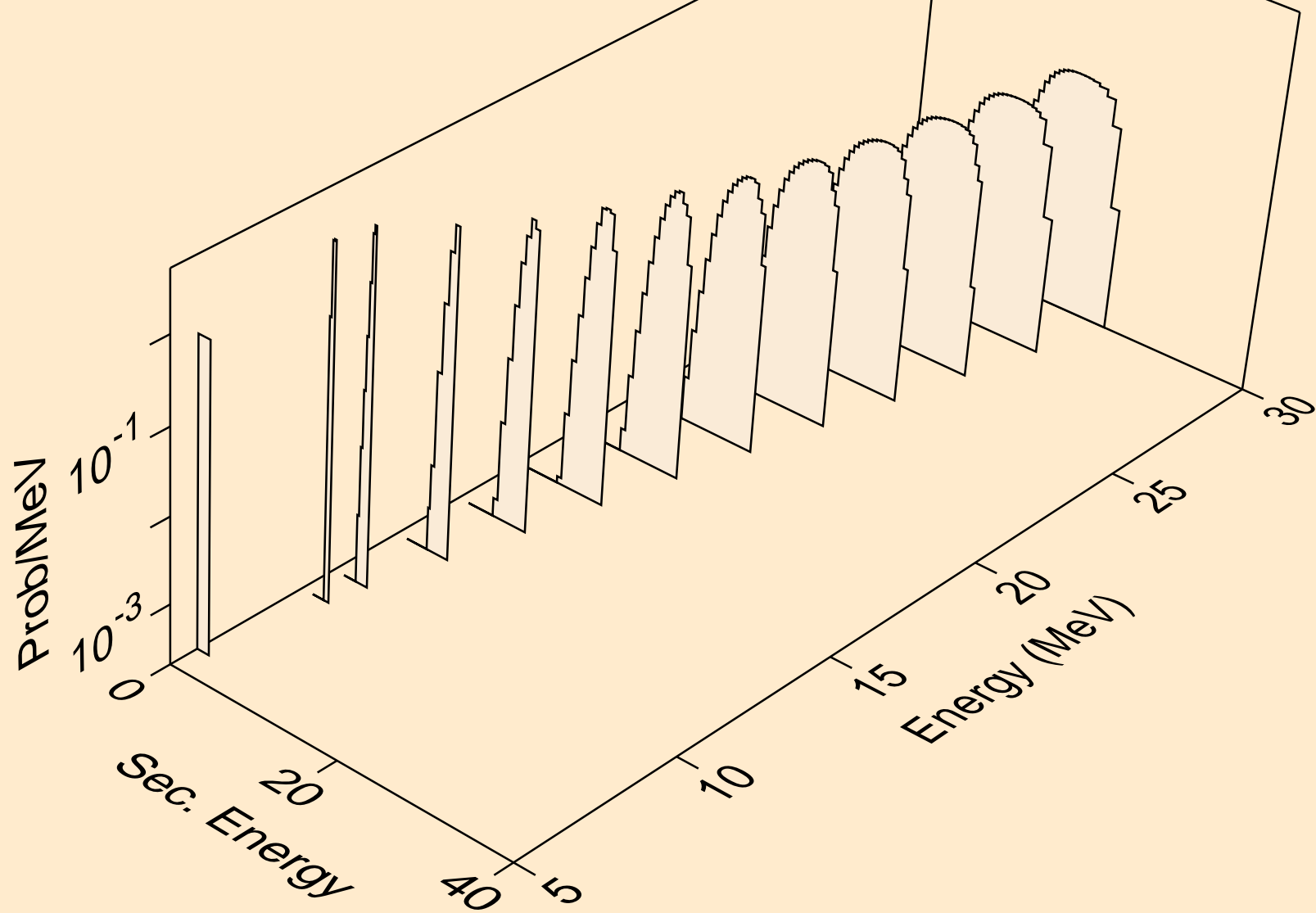
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
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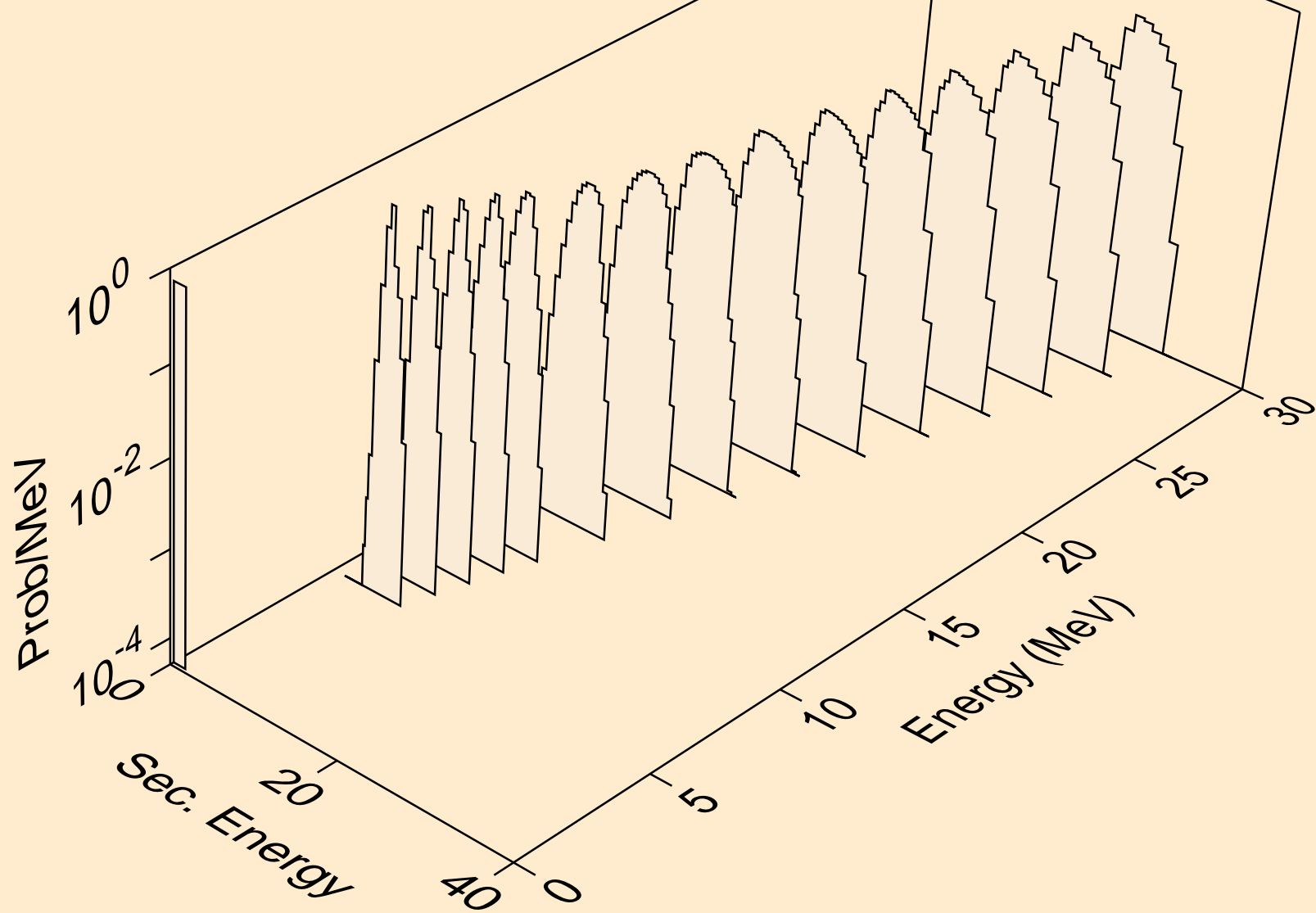
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,x)



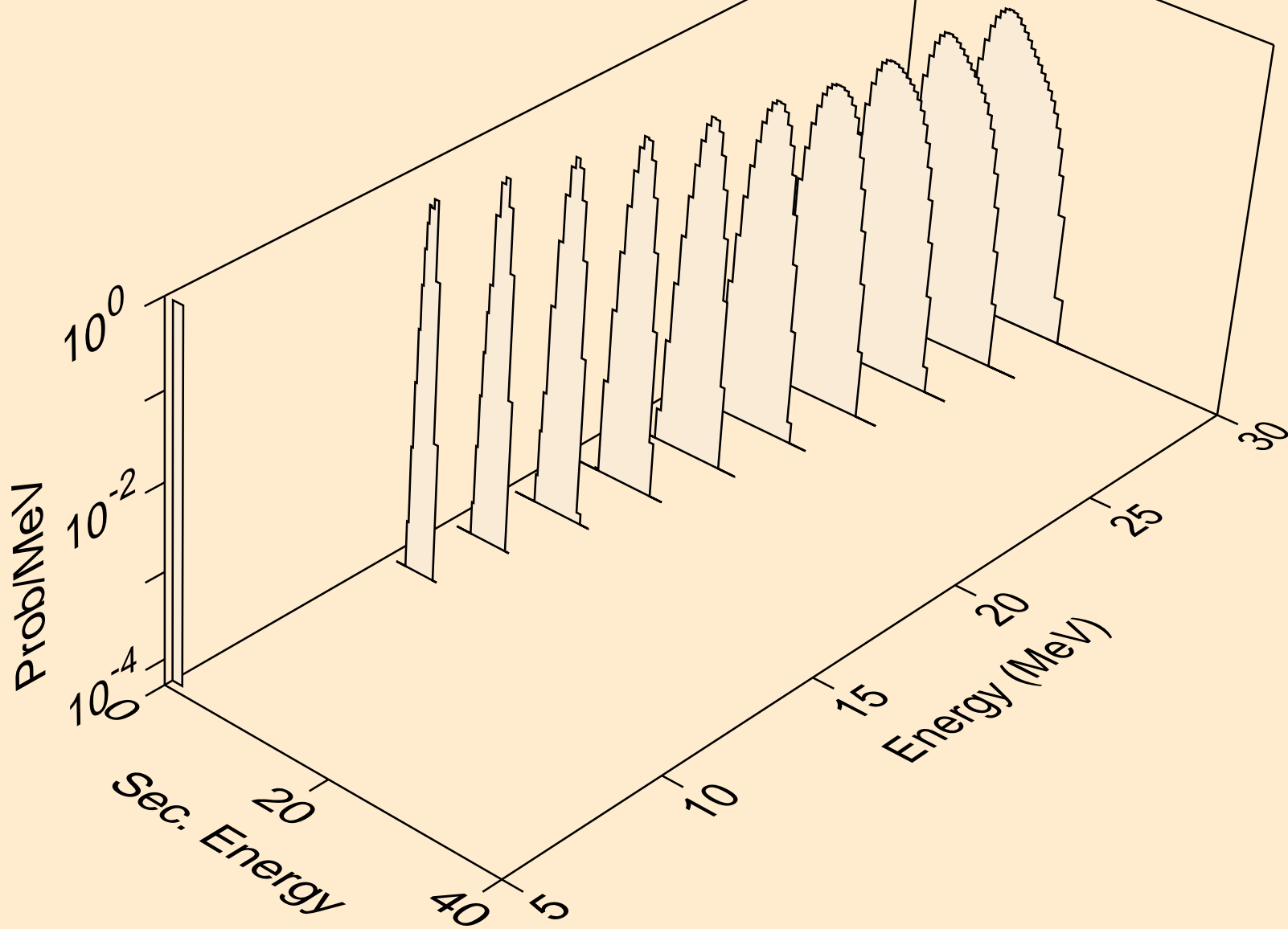
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
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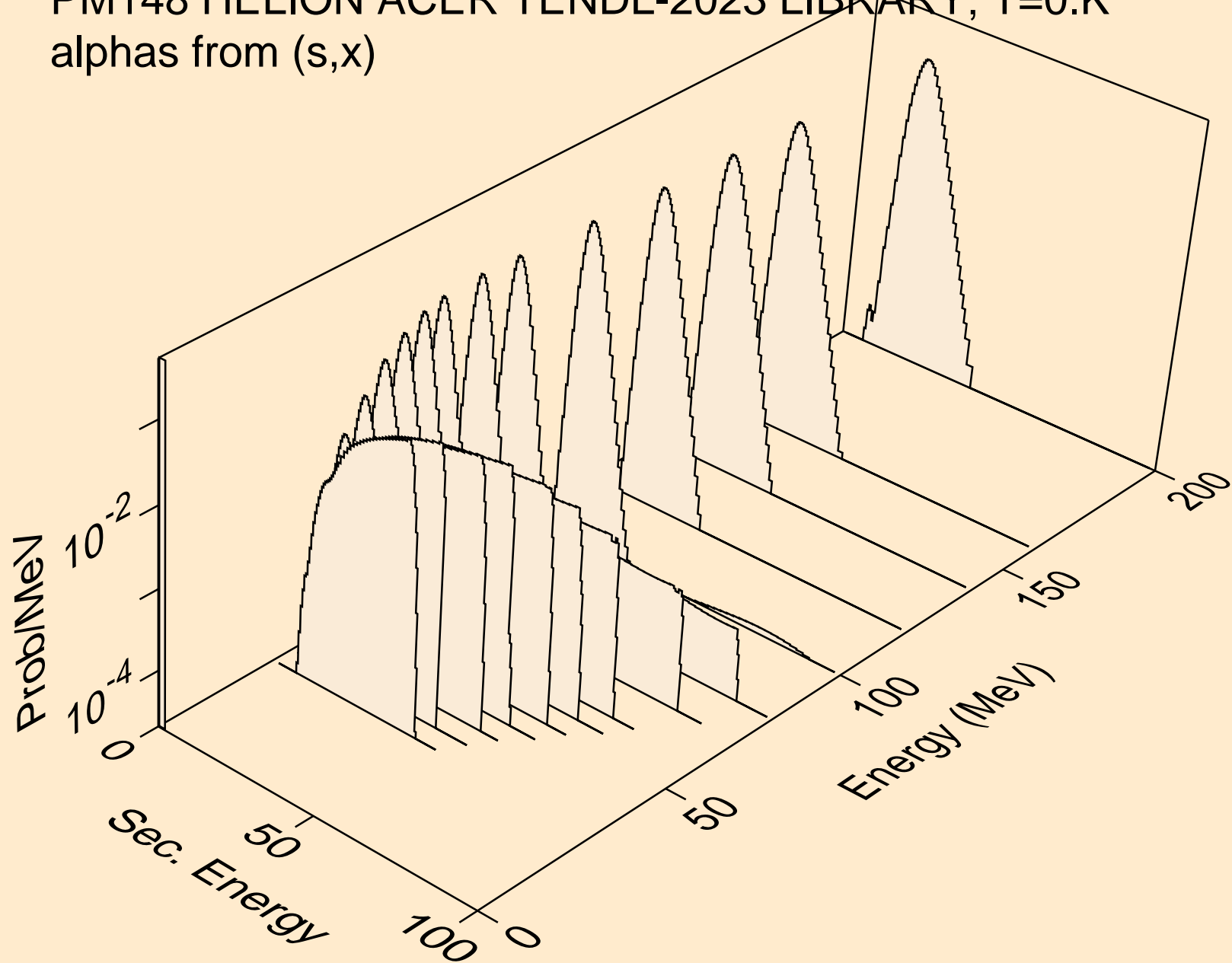
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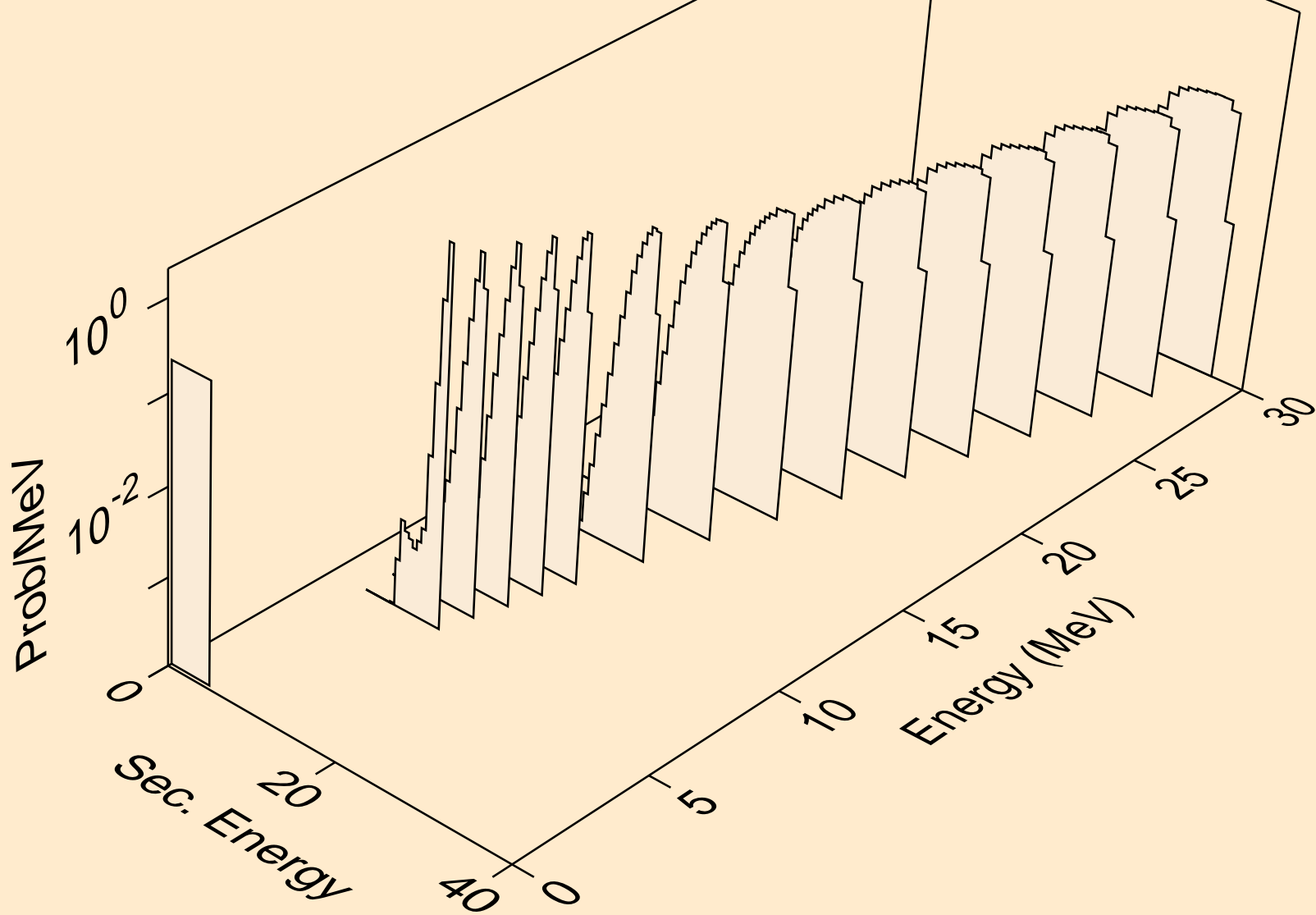
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
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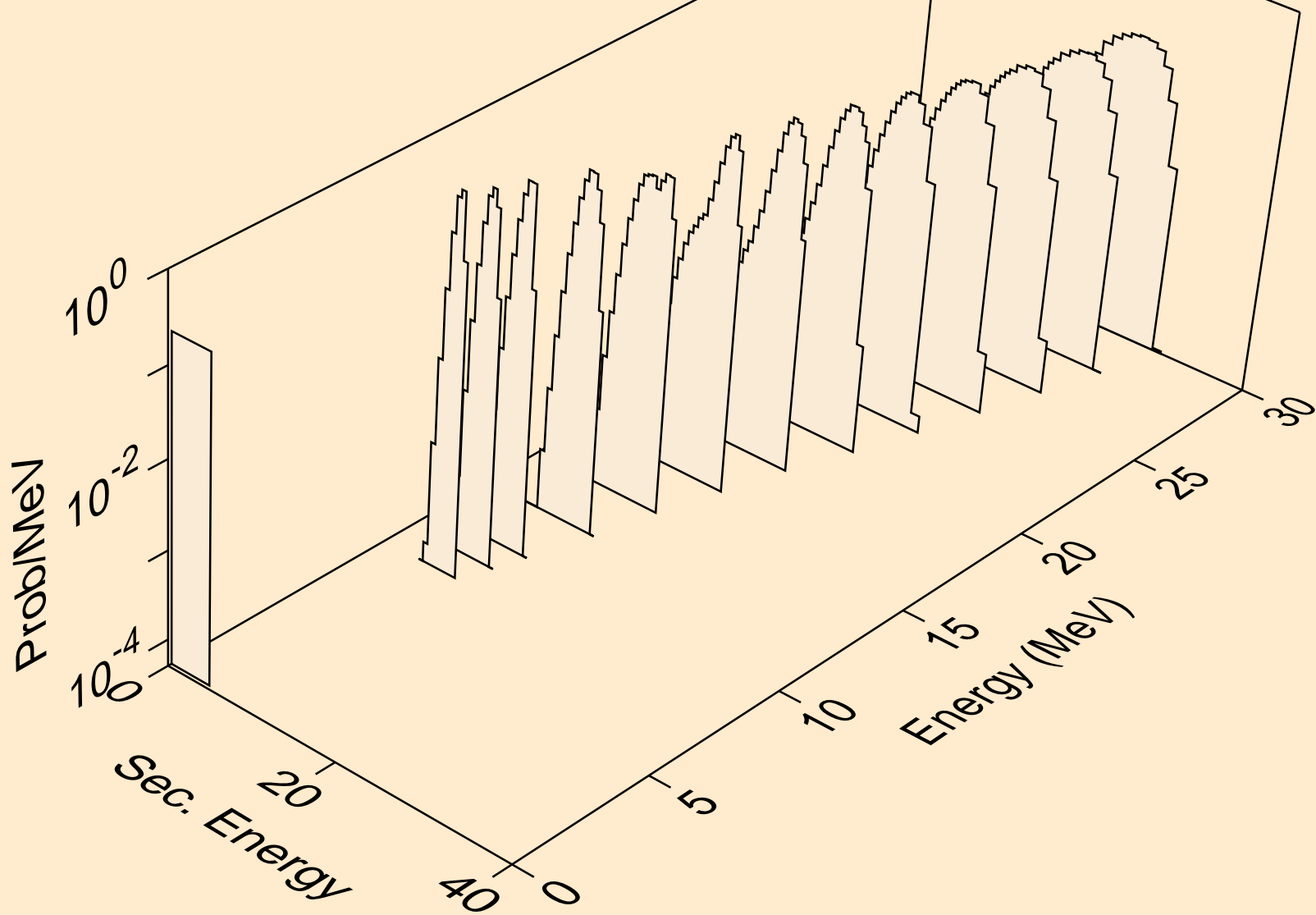
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,x)



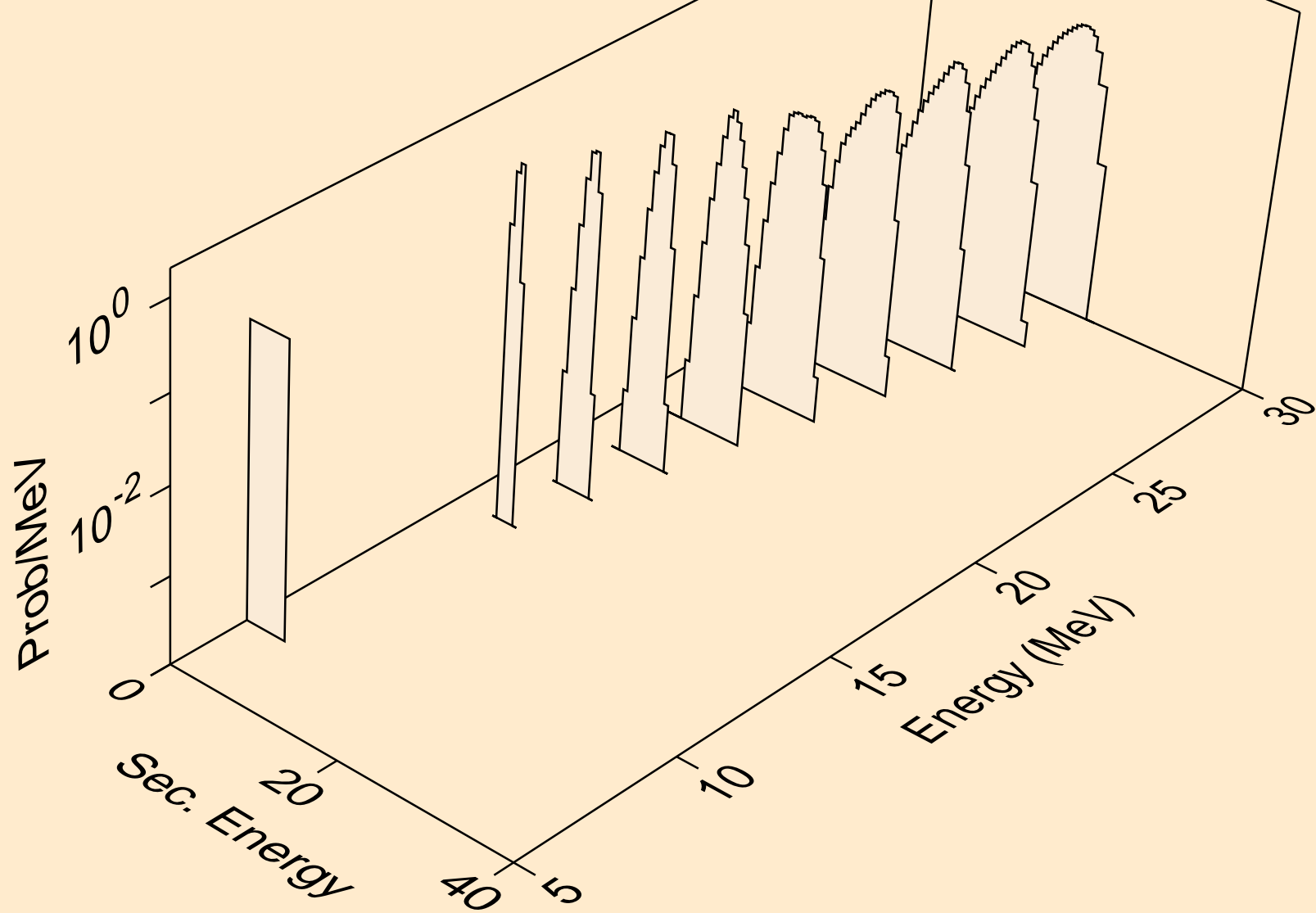
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,n*)a



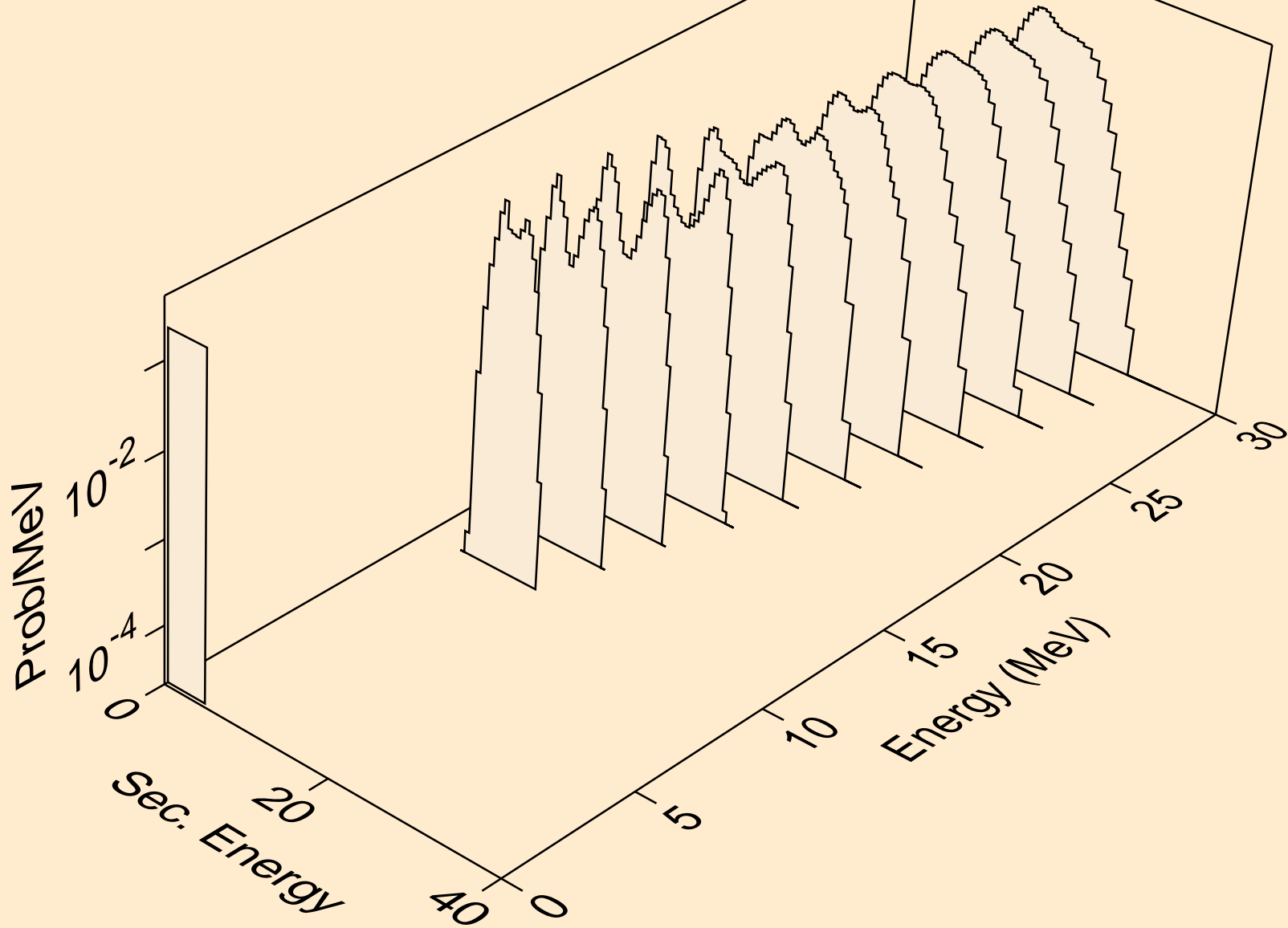
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2n)a



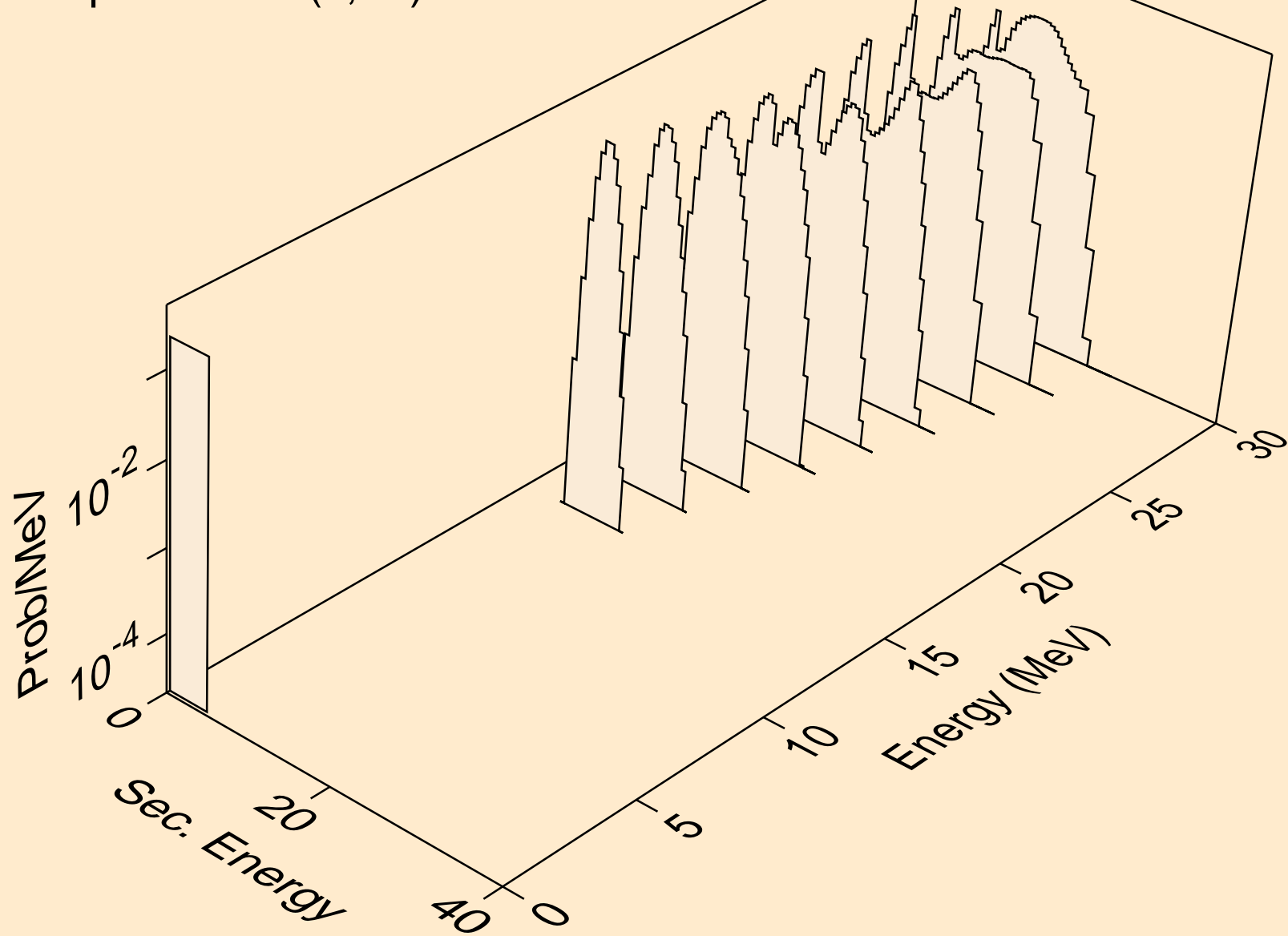
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
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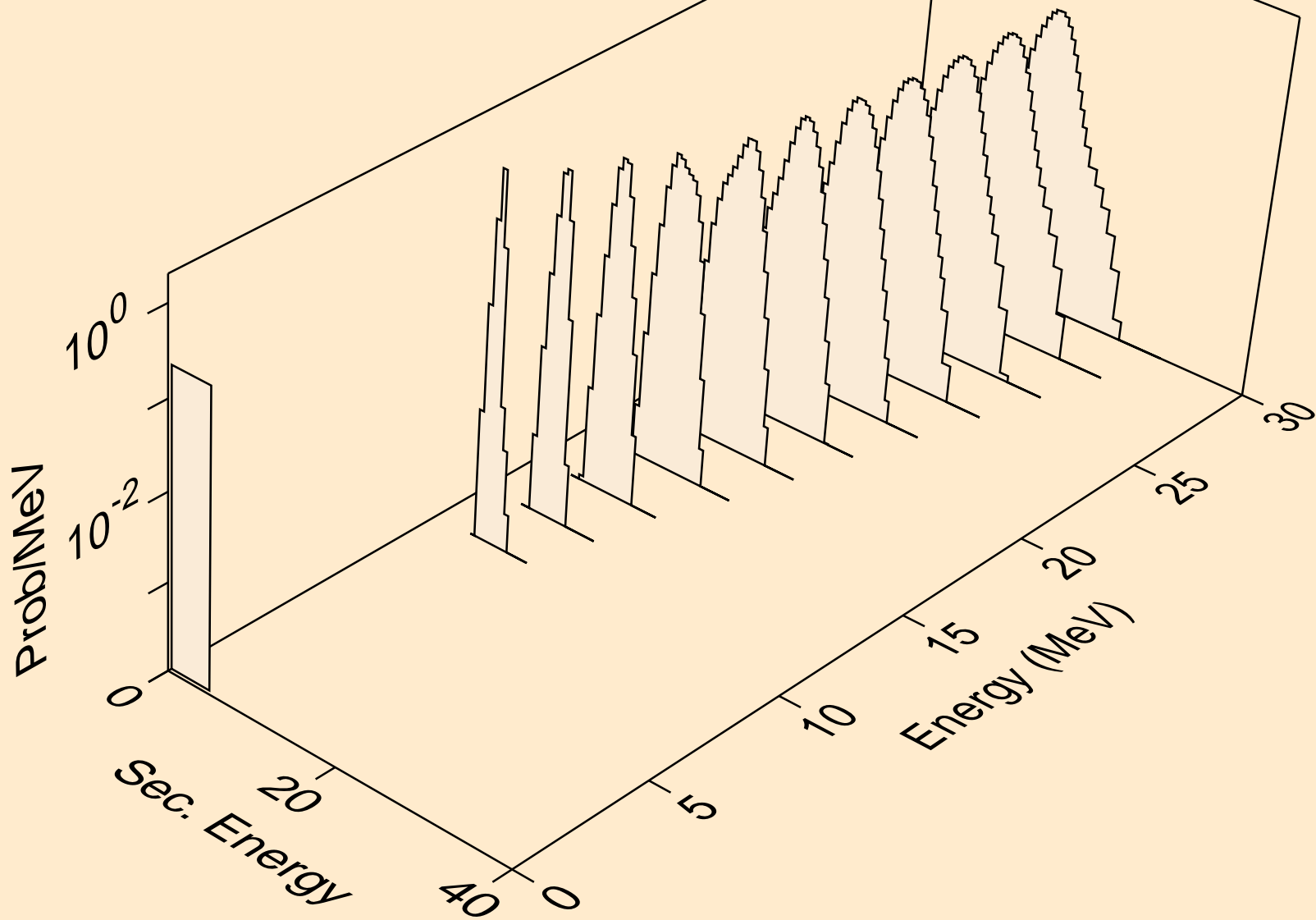
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
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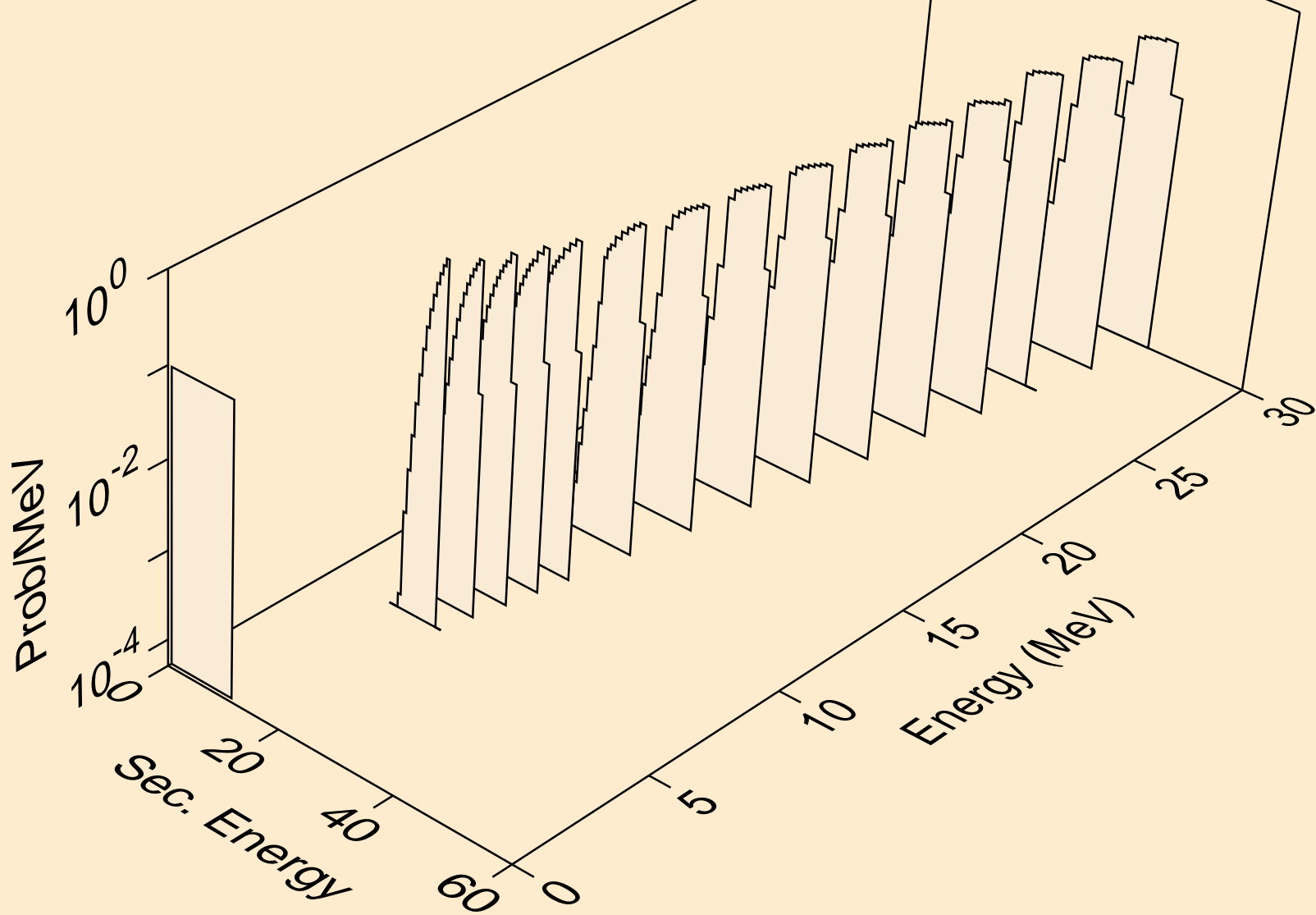
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
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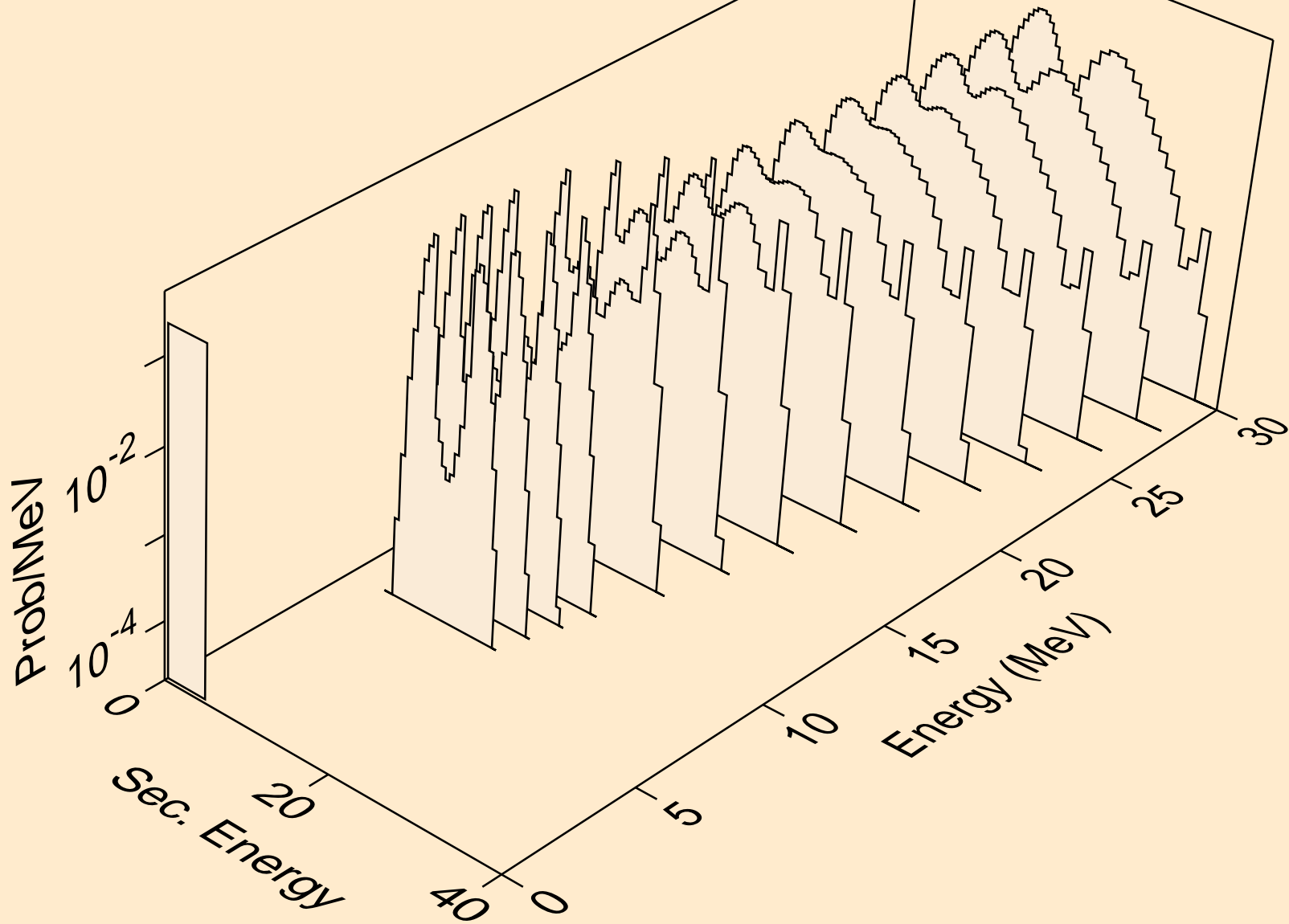
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,npa)



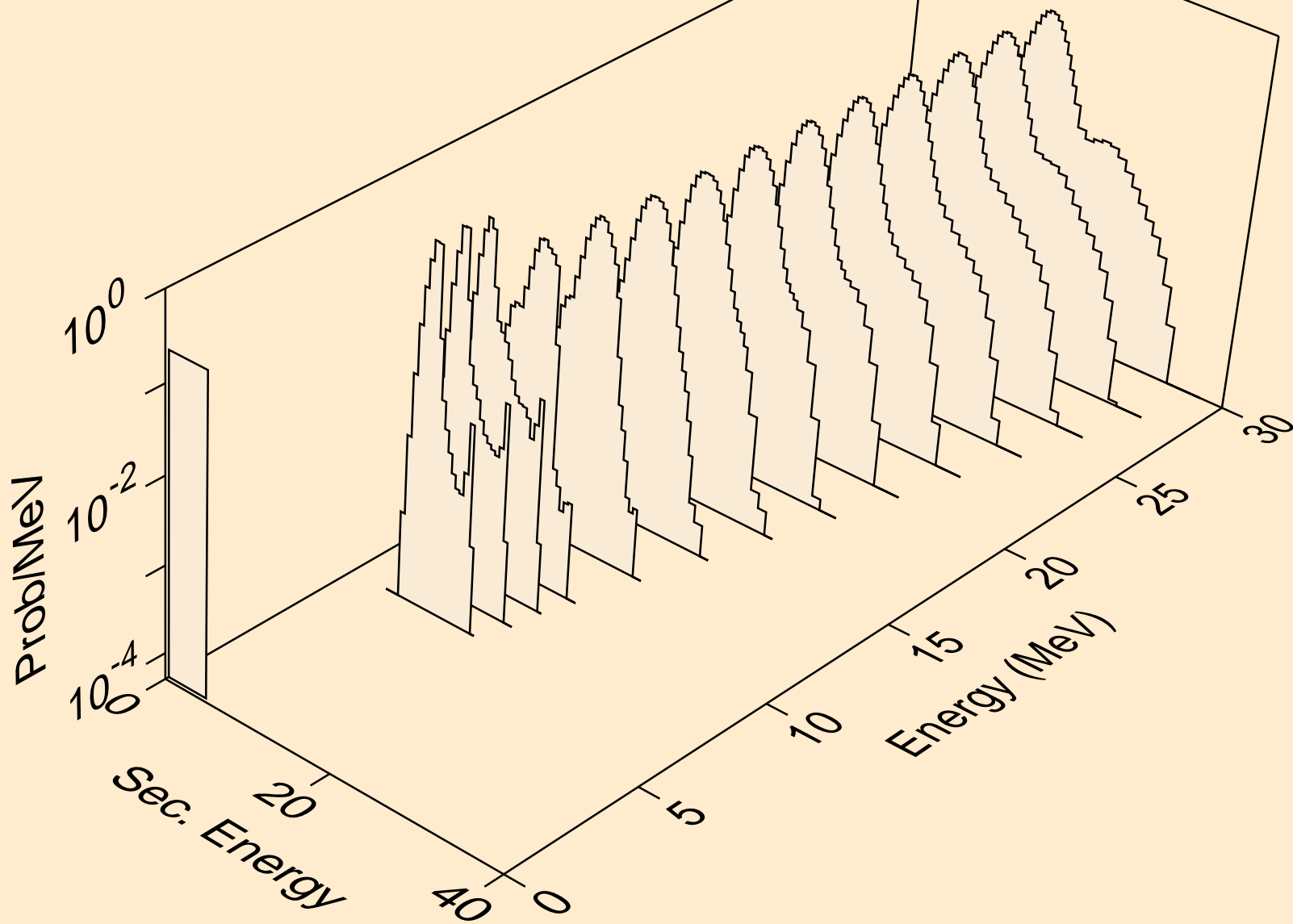
PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,a)



PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2a)



PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,pa)



PM148 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,da)

