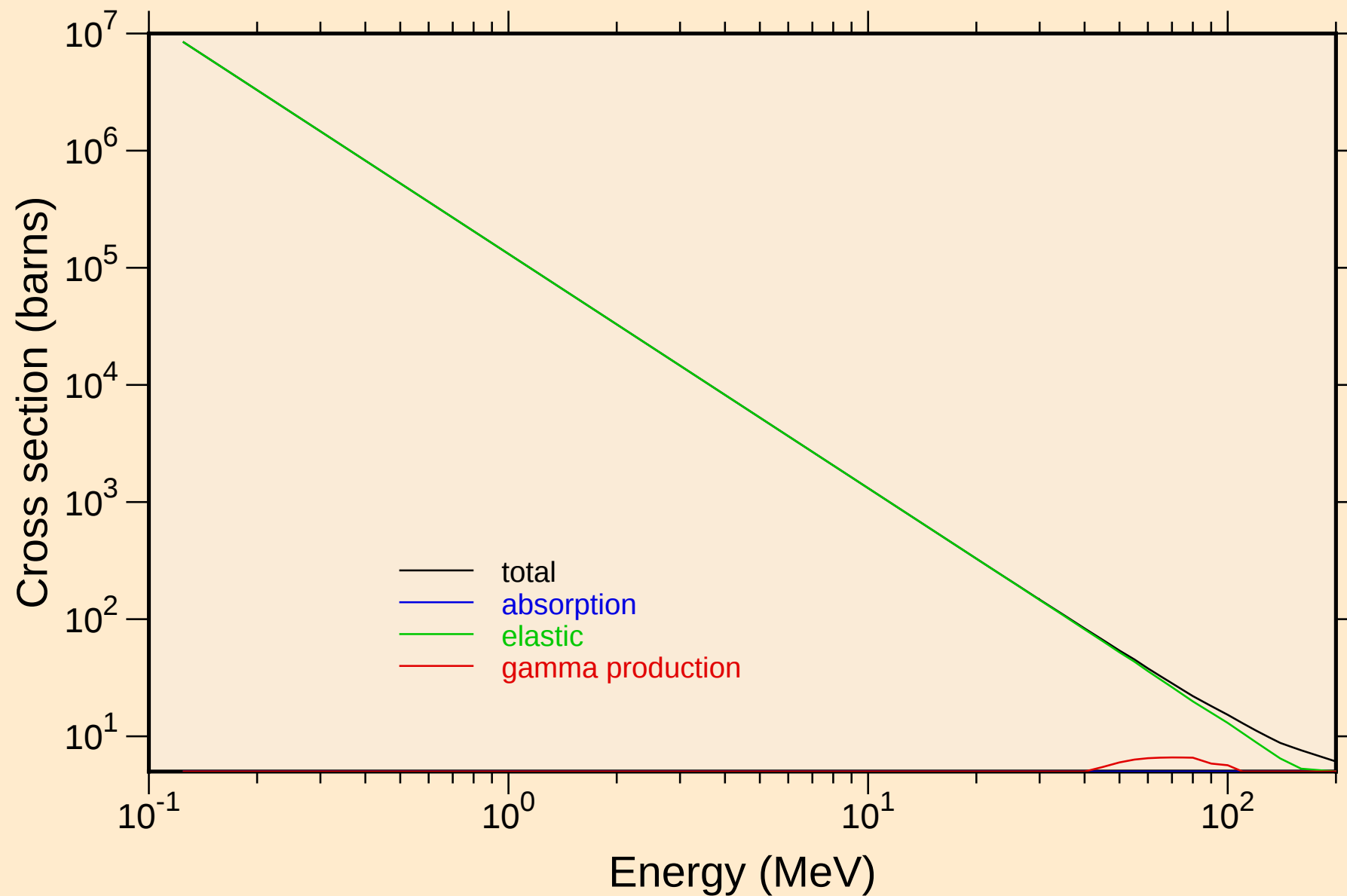


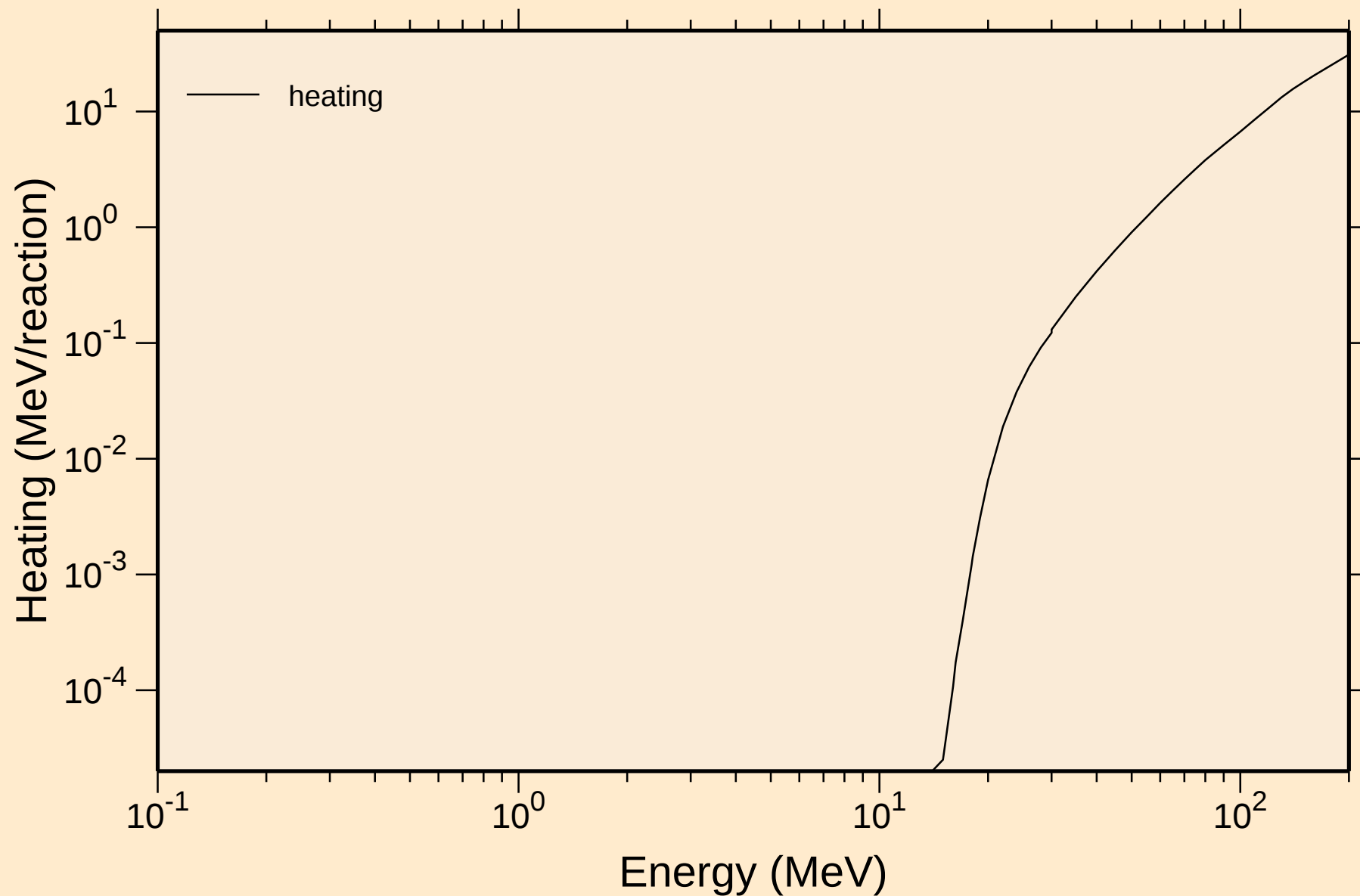
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



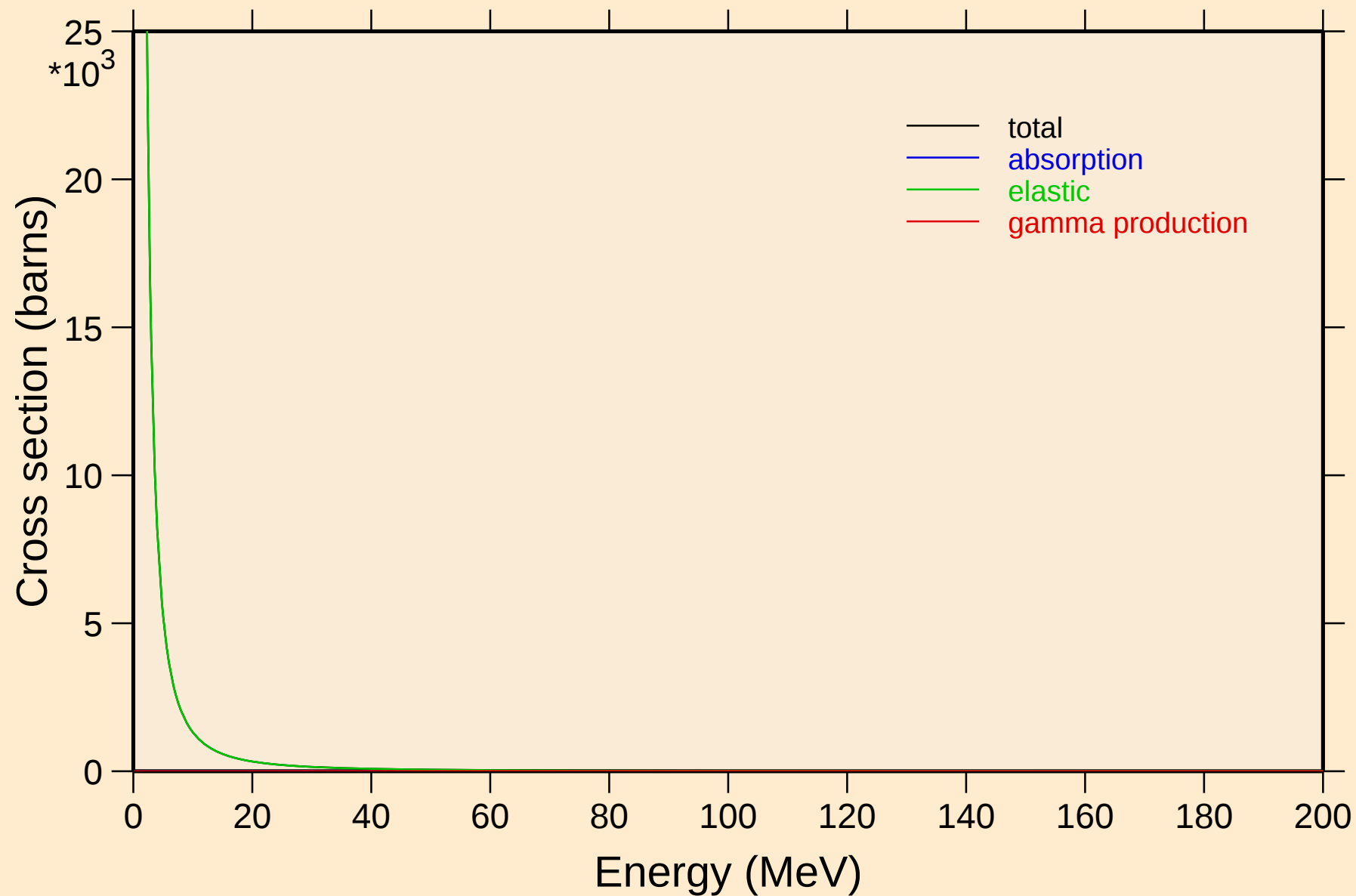
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Heating



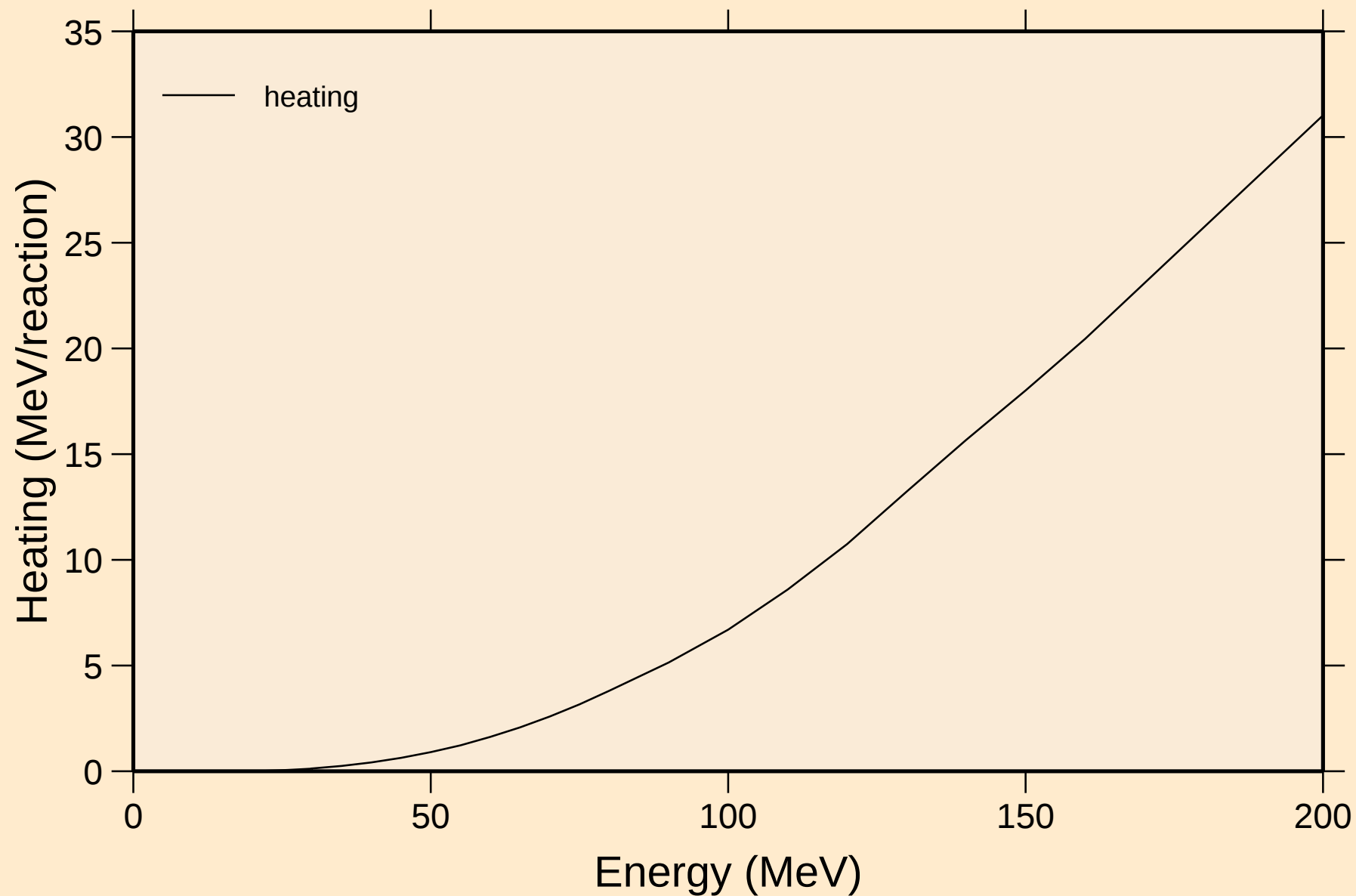
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Principal cross sections



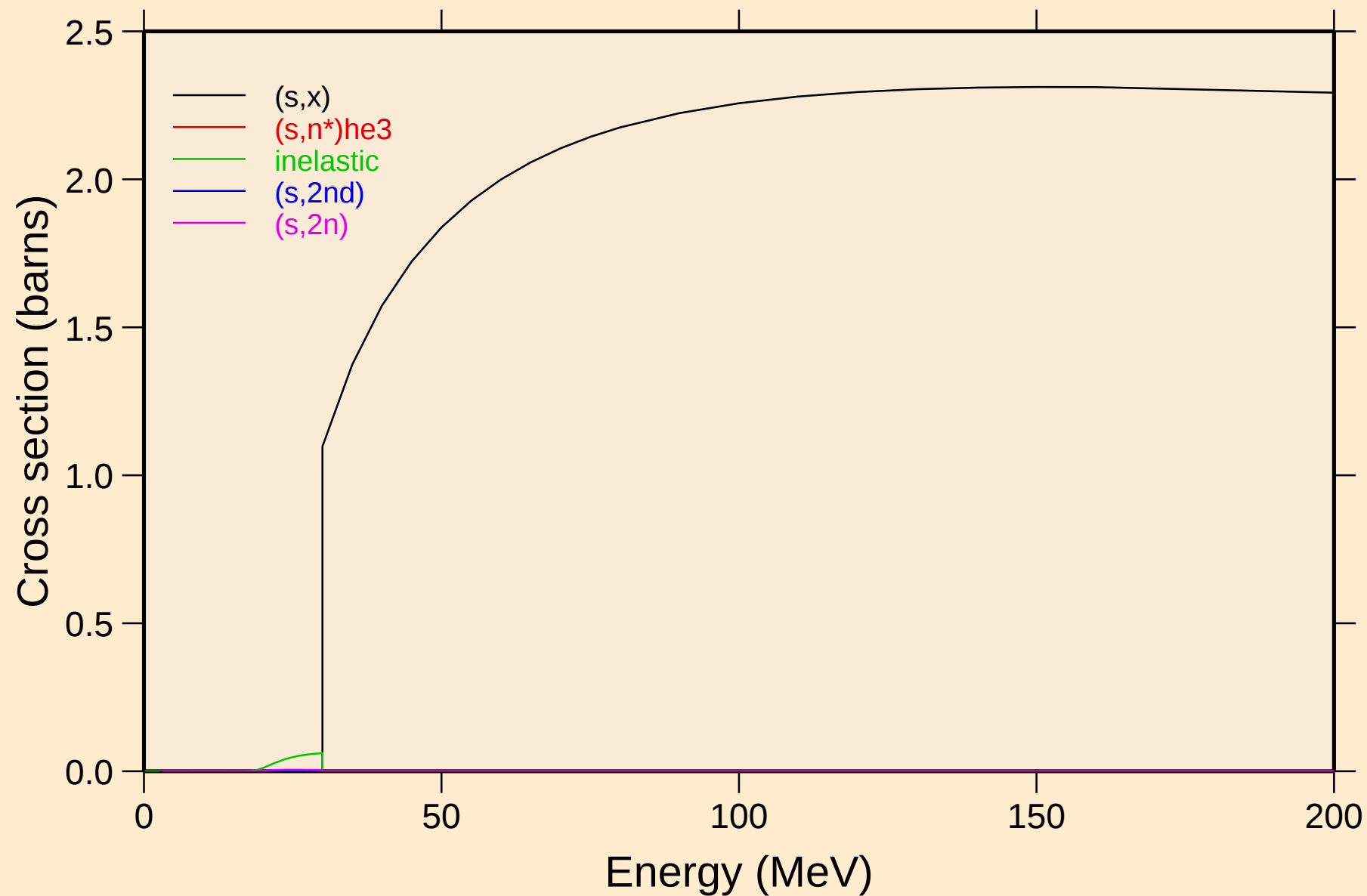
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



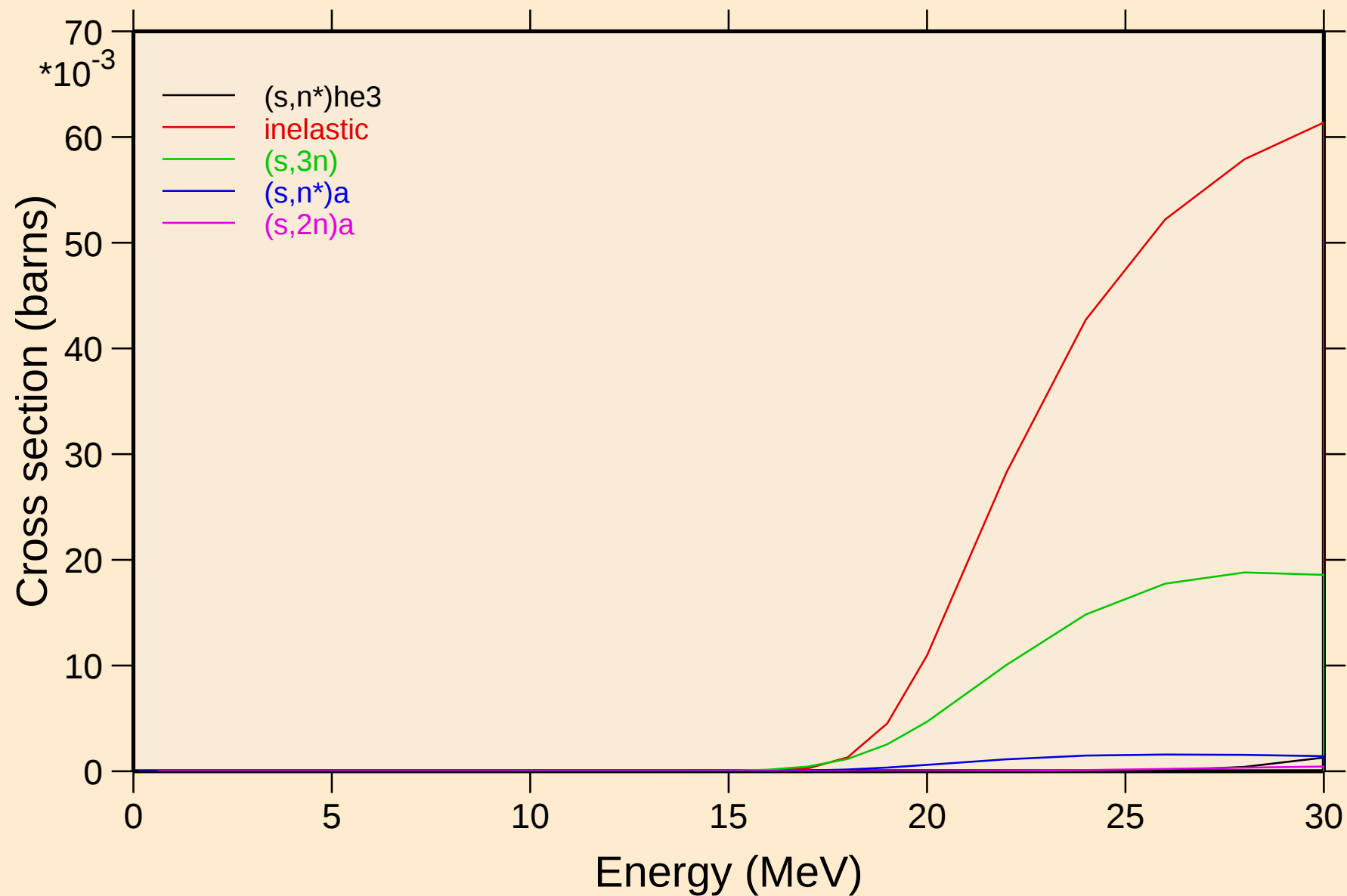
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Threshold reactions



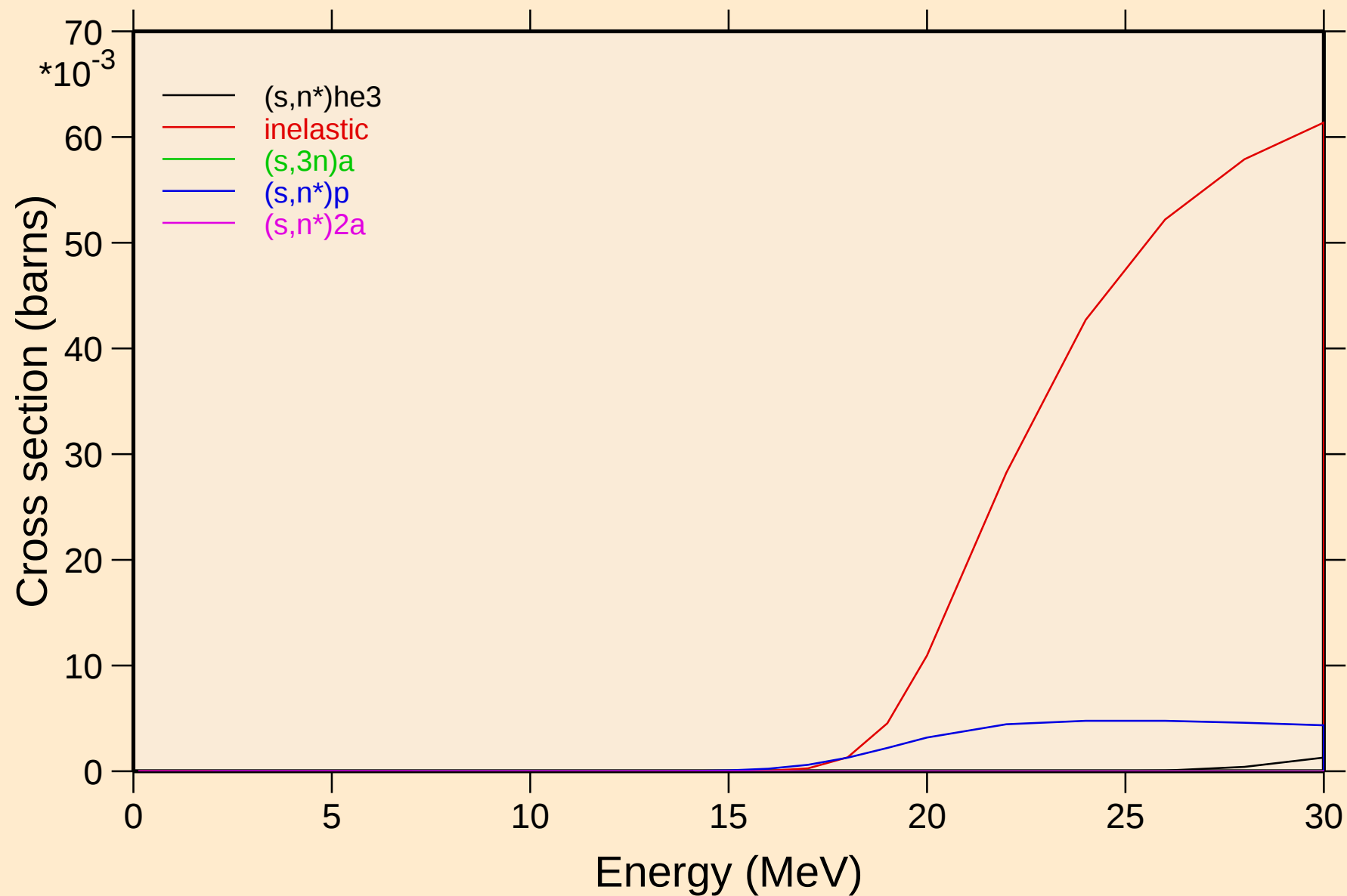
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Threshold reactions



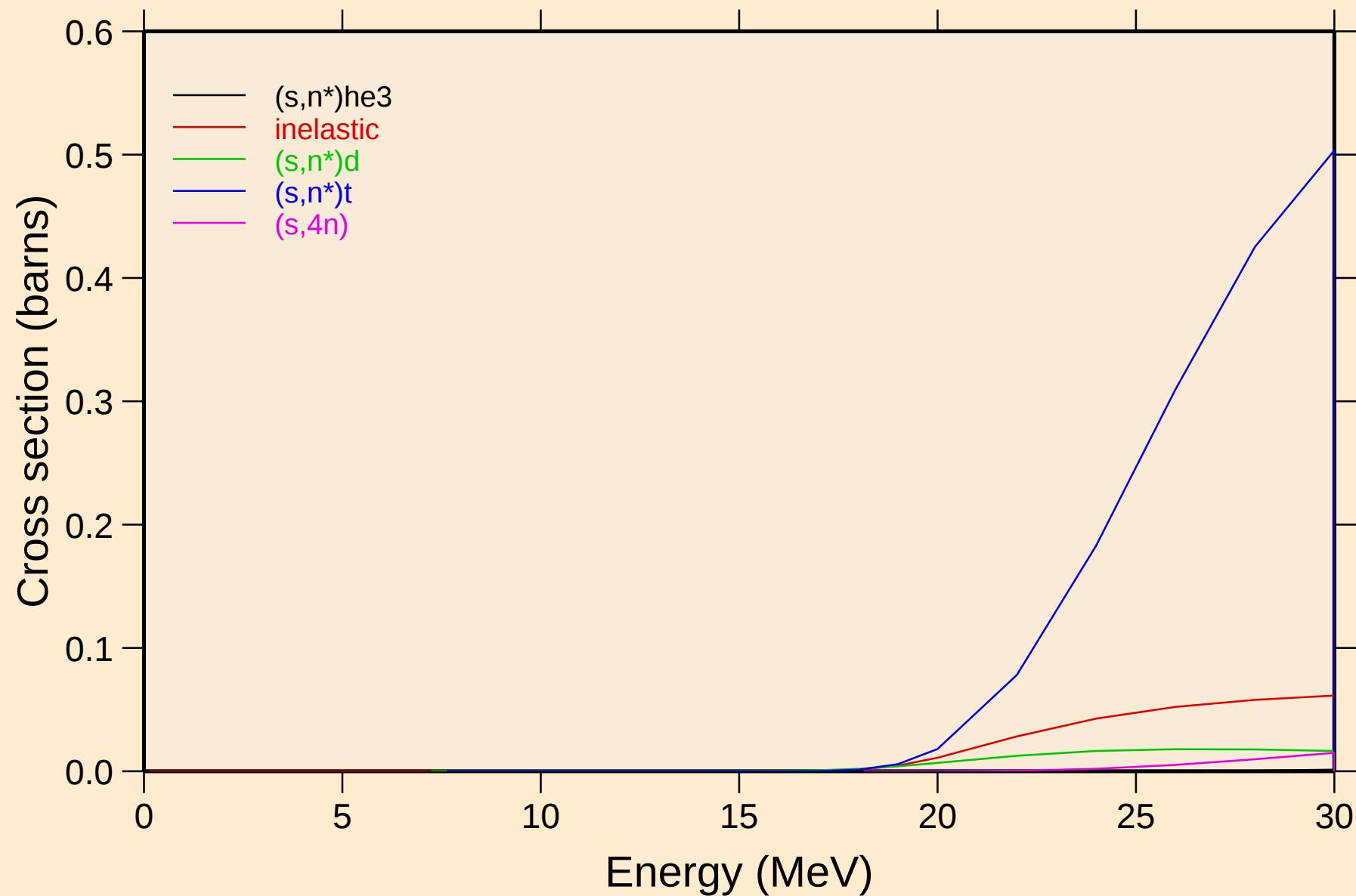
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Threshold reactions



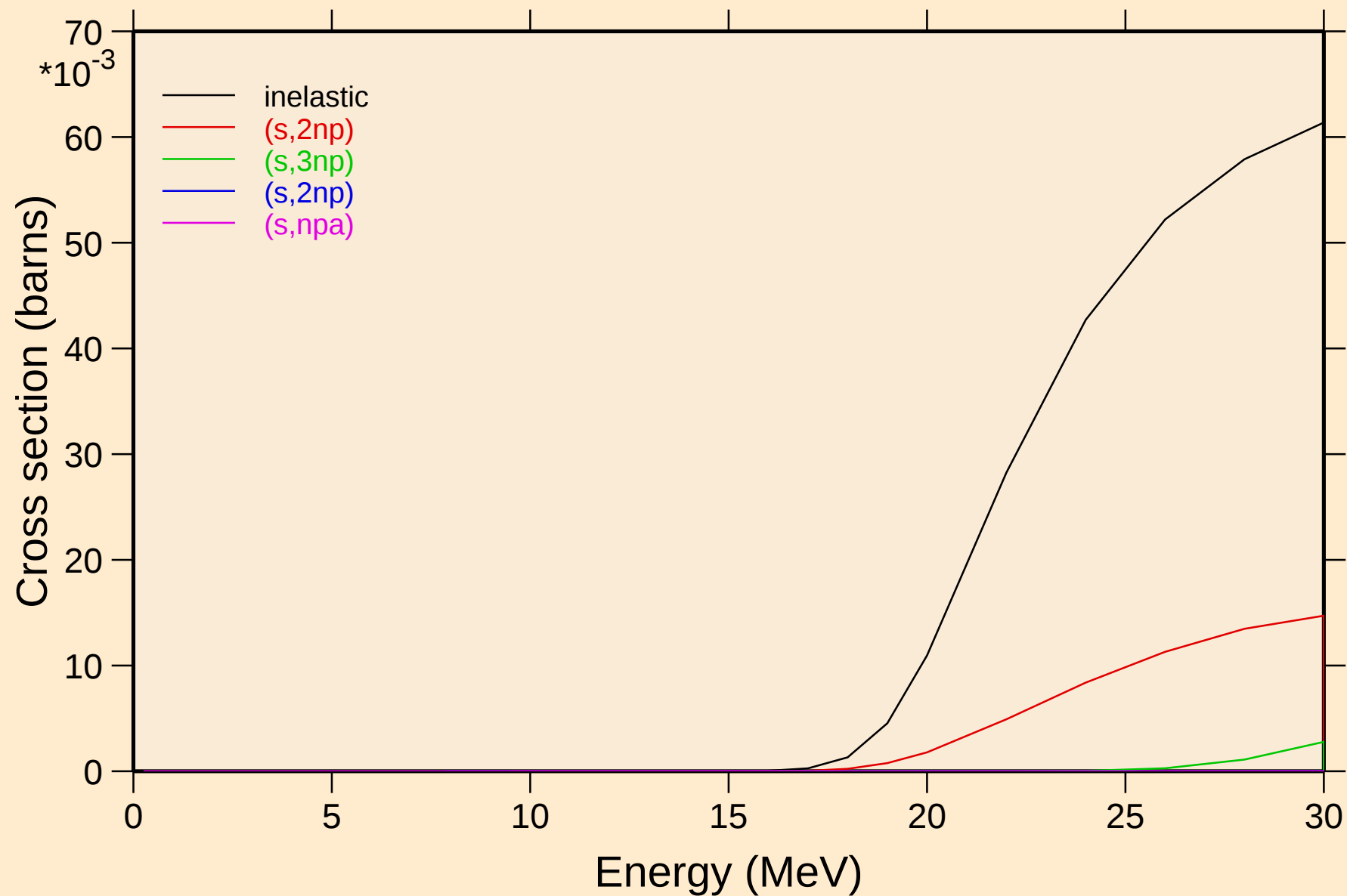
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



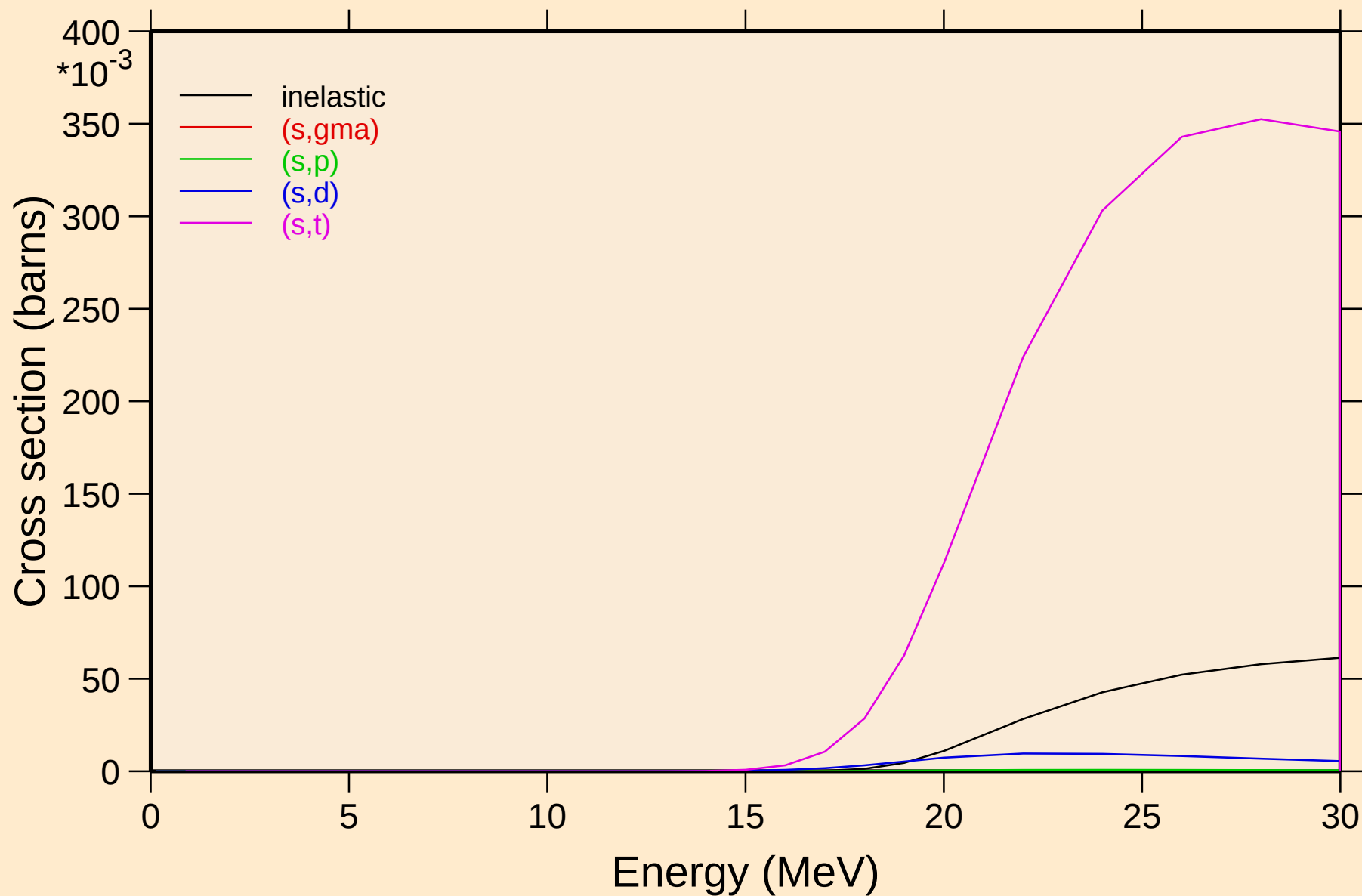
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



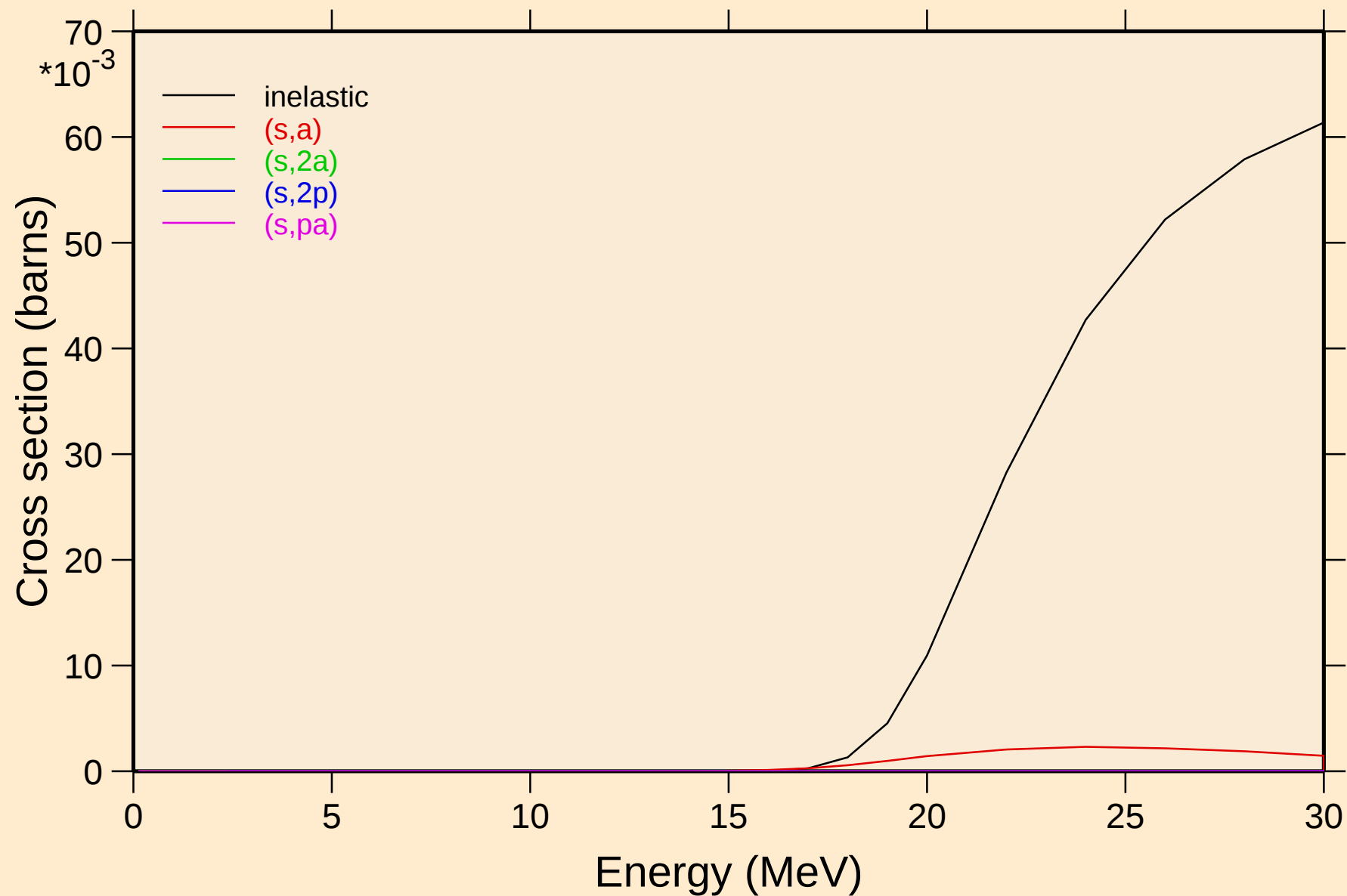
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Threshold reactions



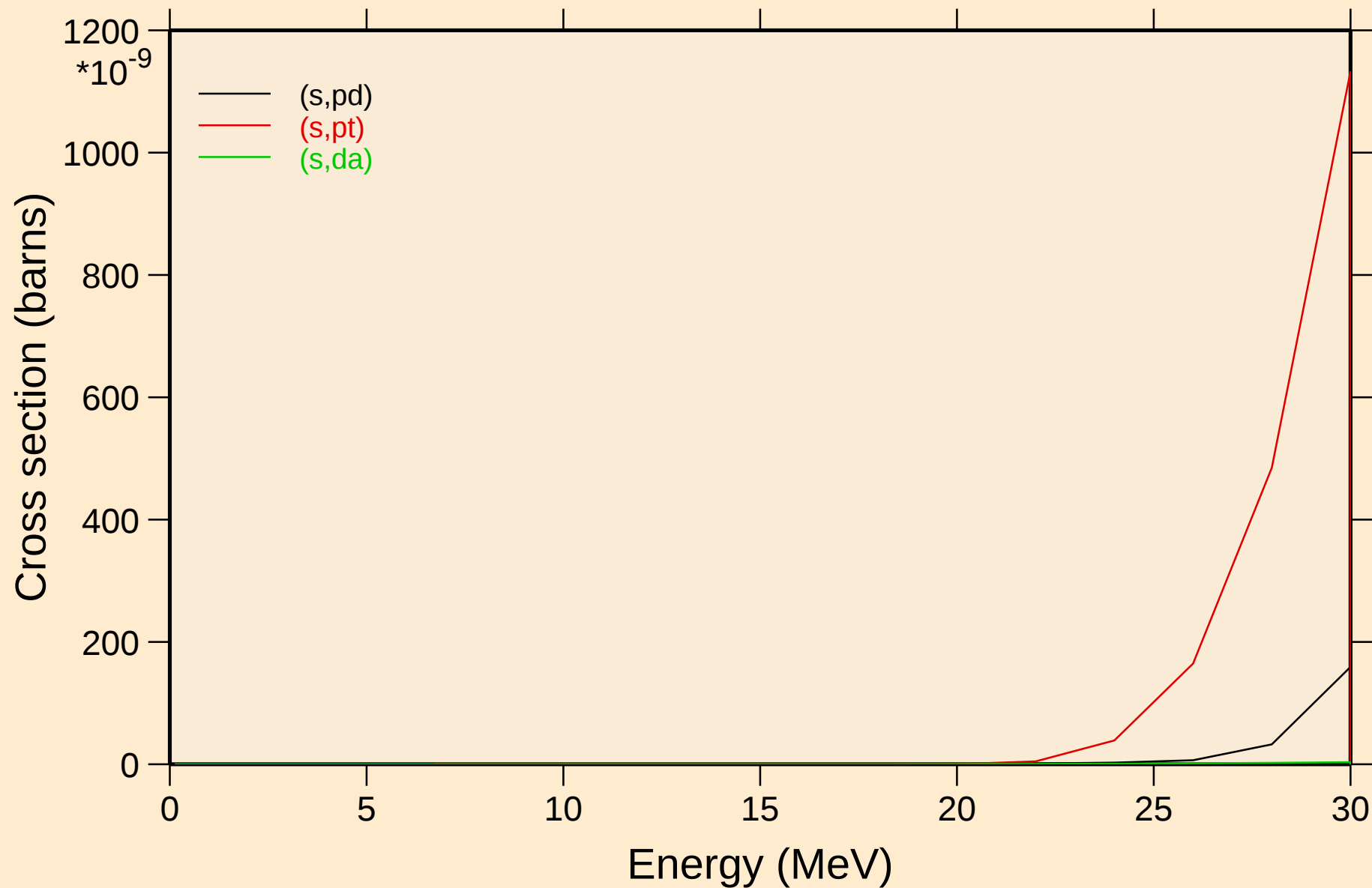
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

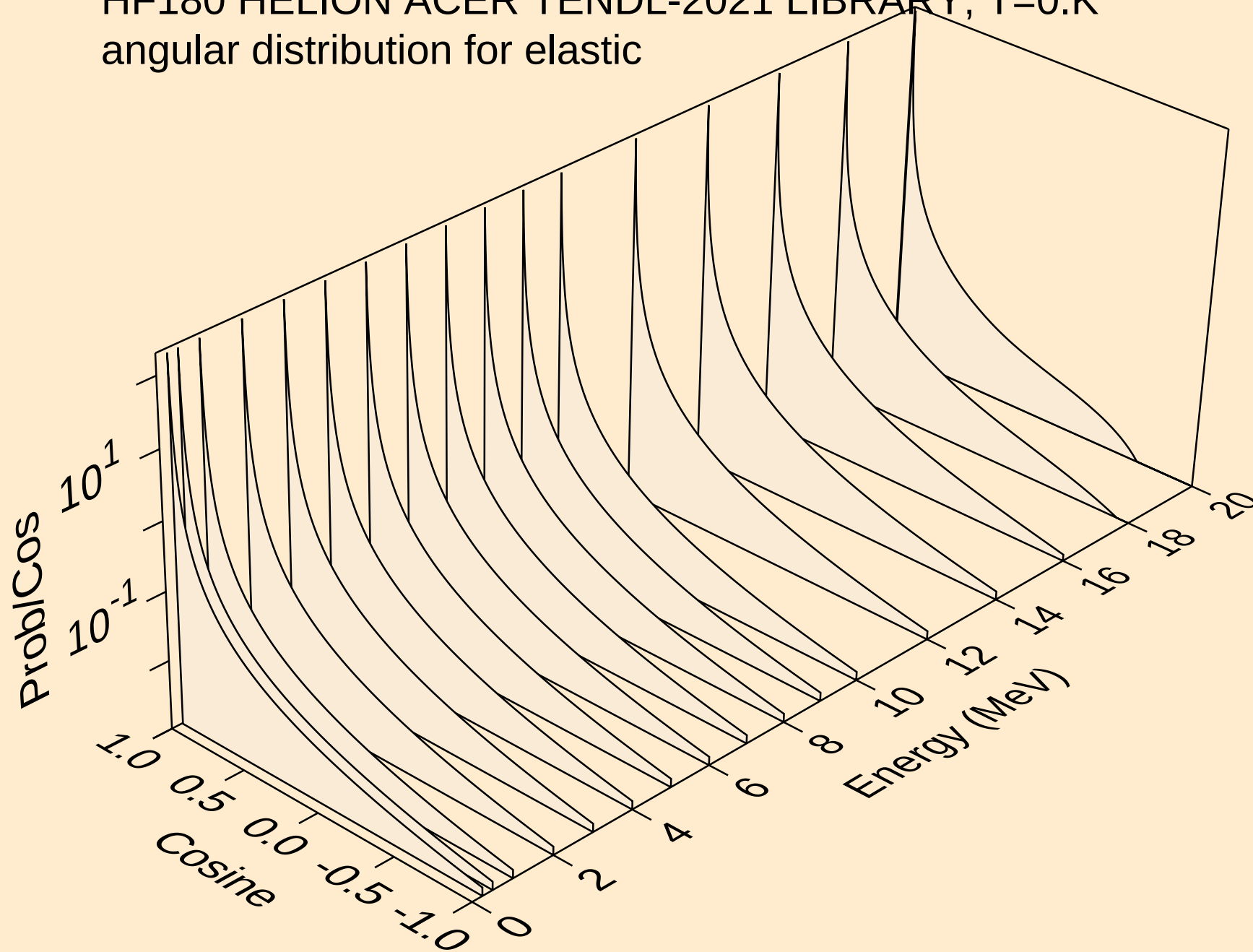


HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K

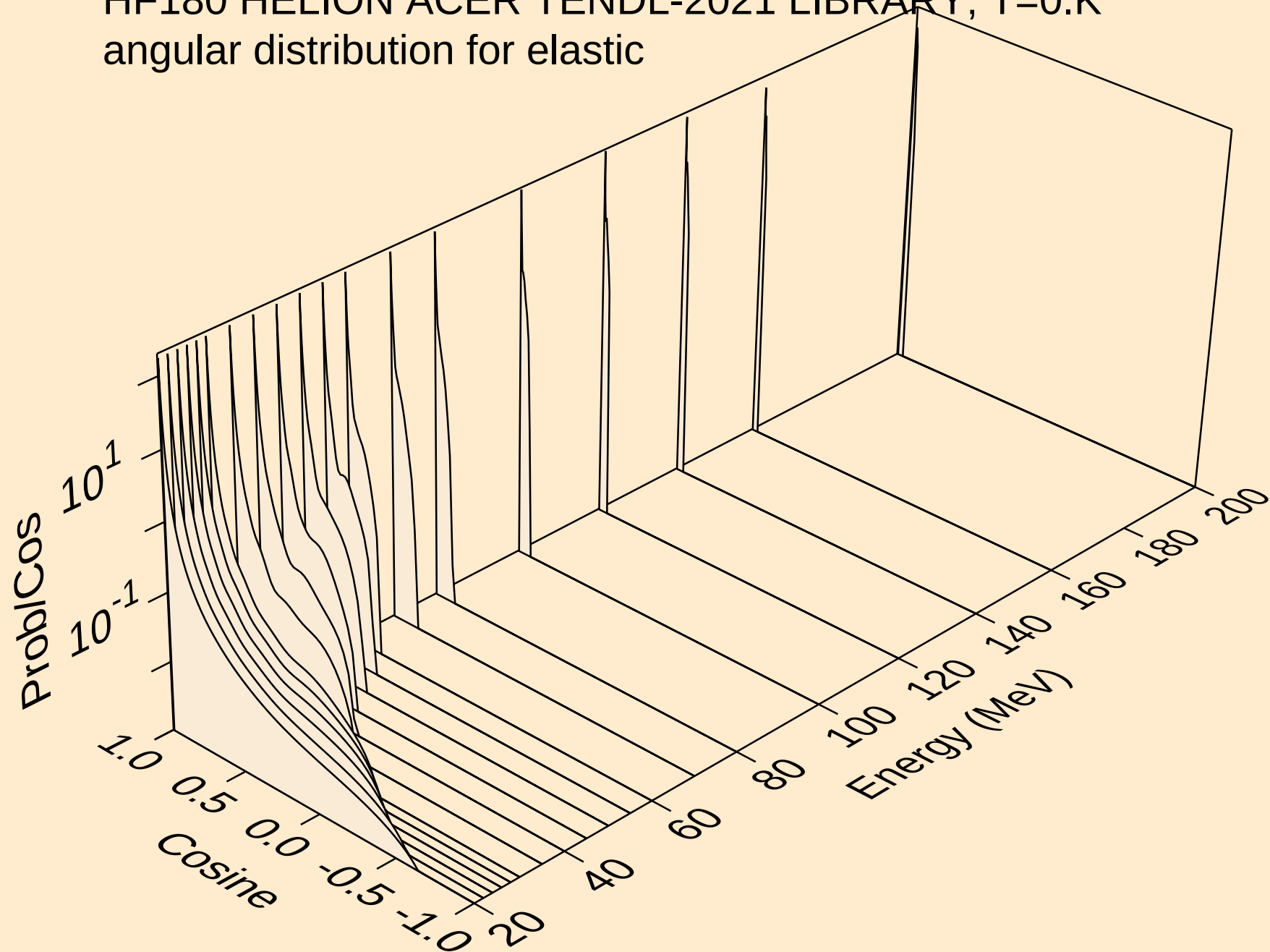
Threshold reactions



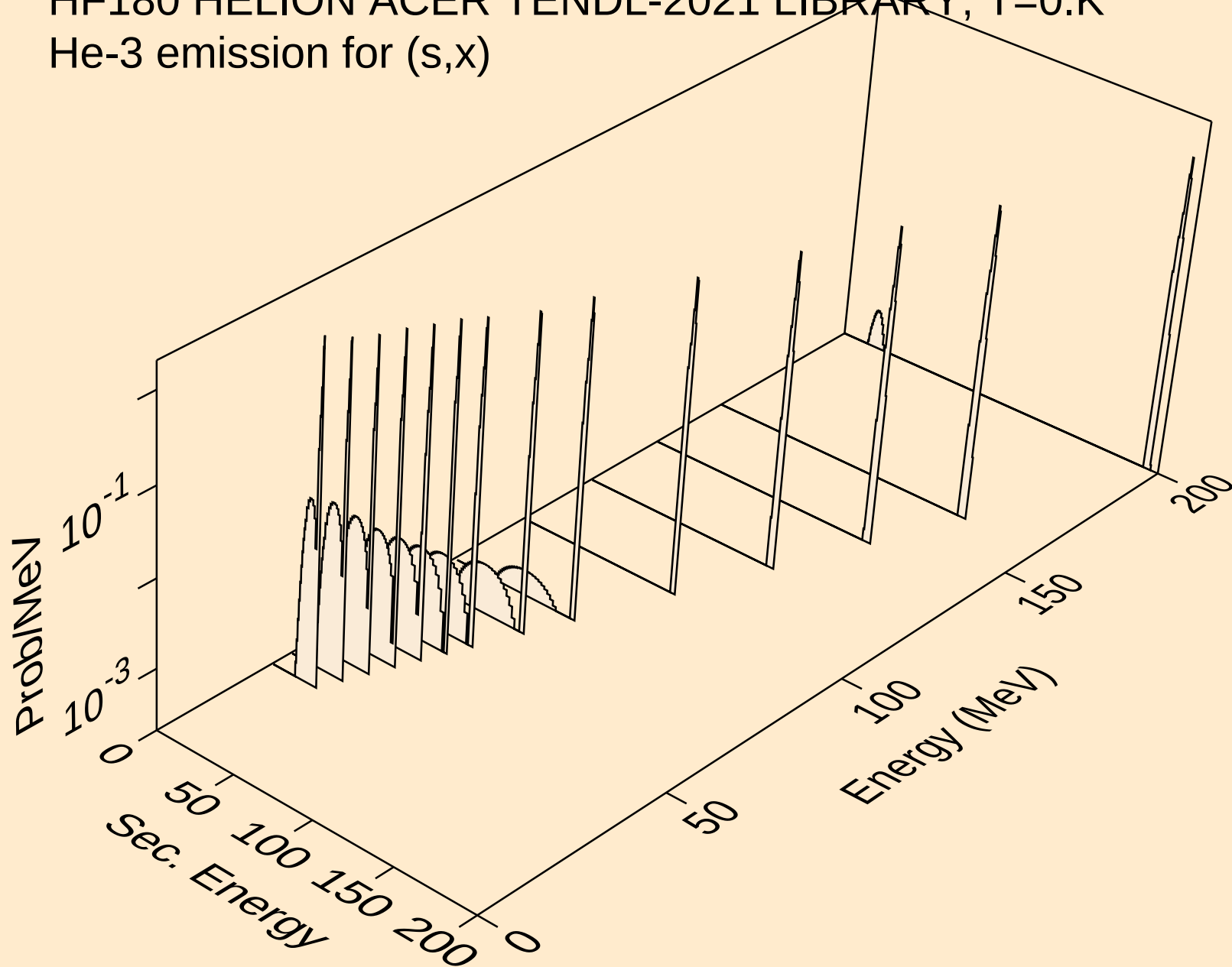
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



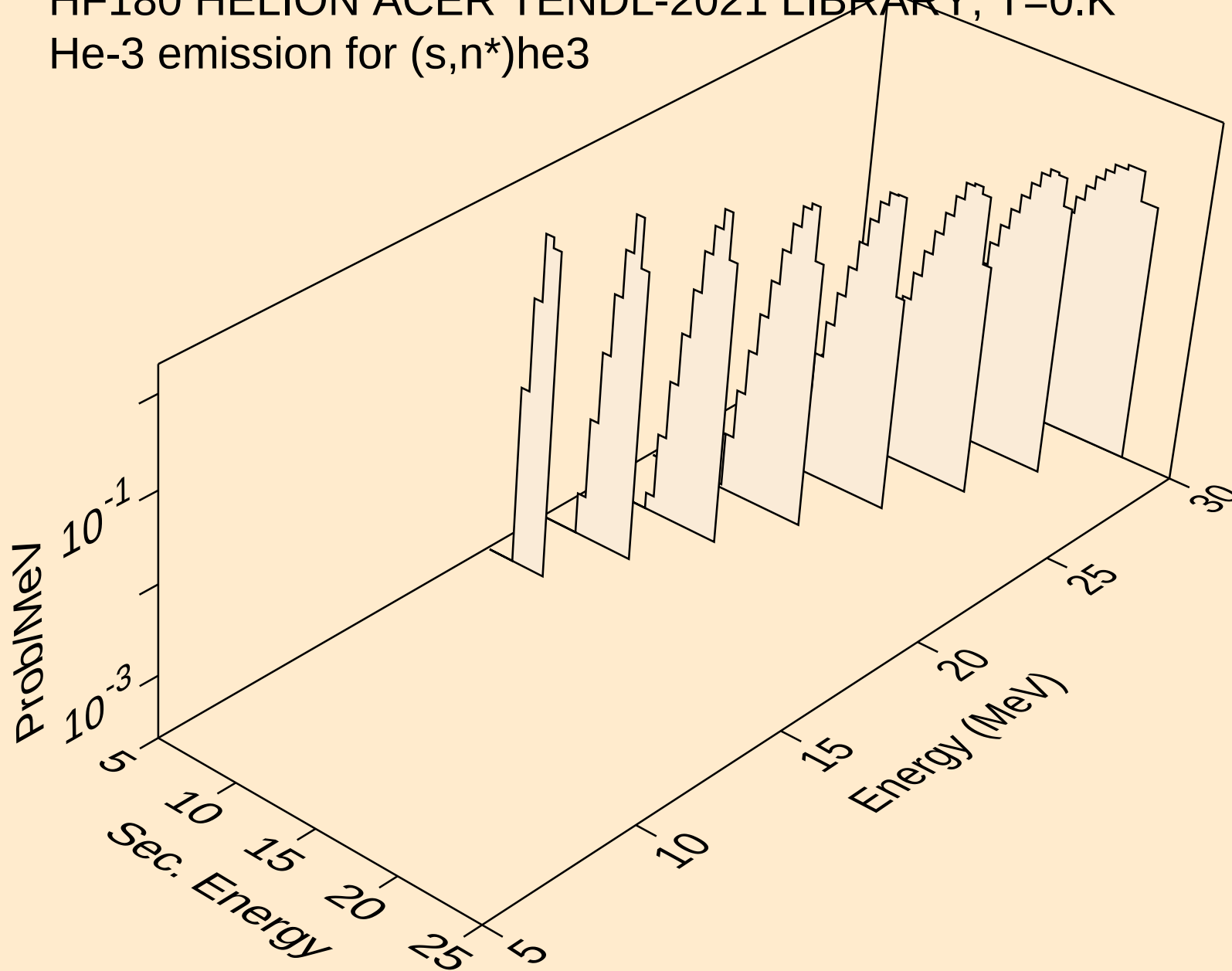
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



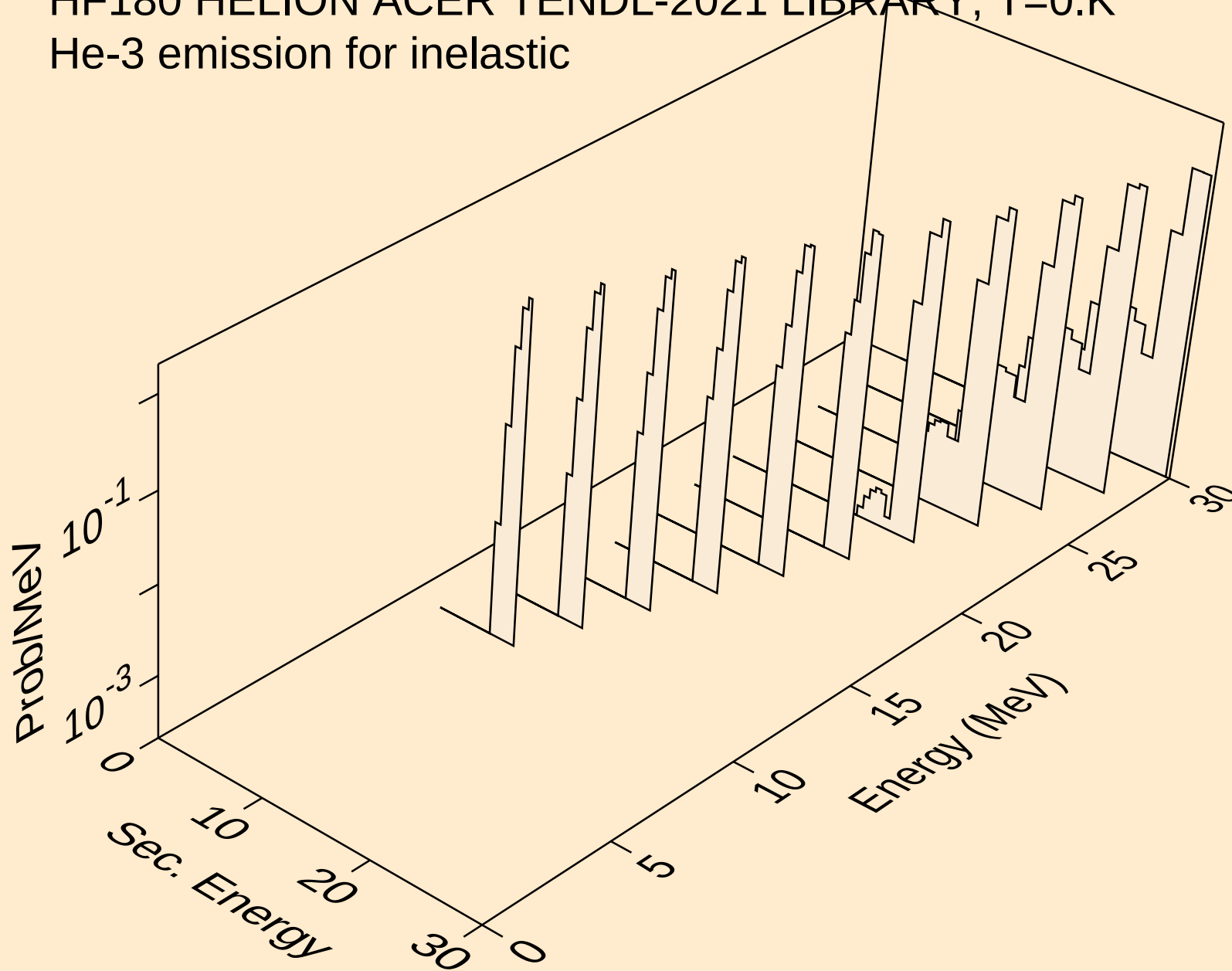
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
He-3 emission for (s,x)



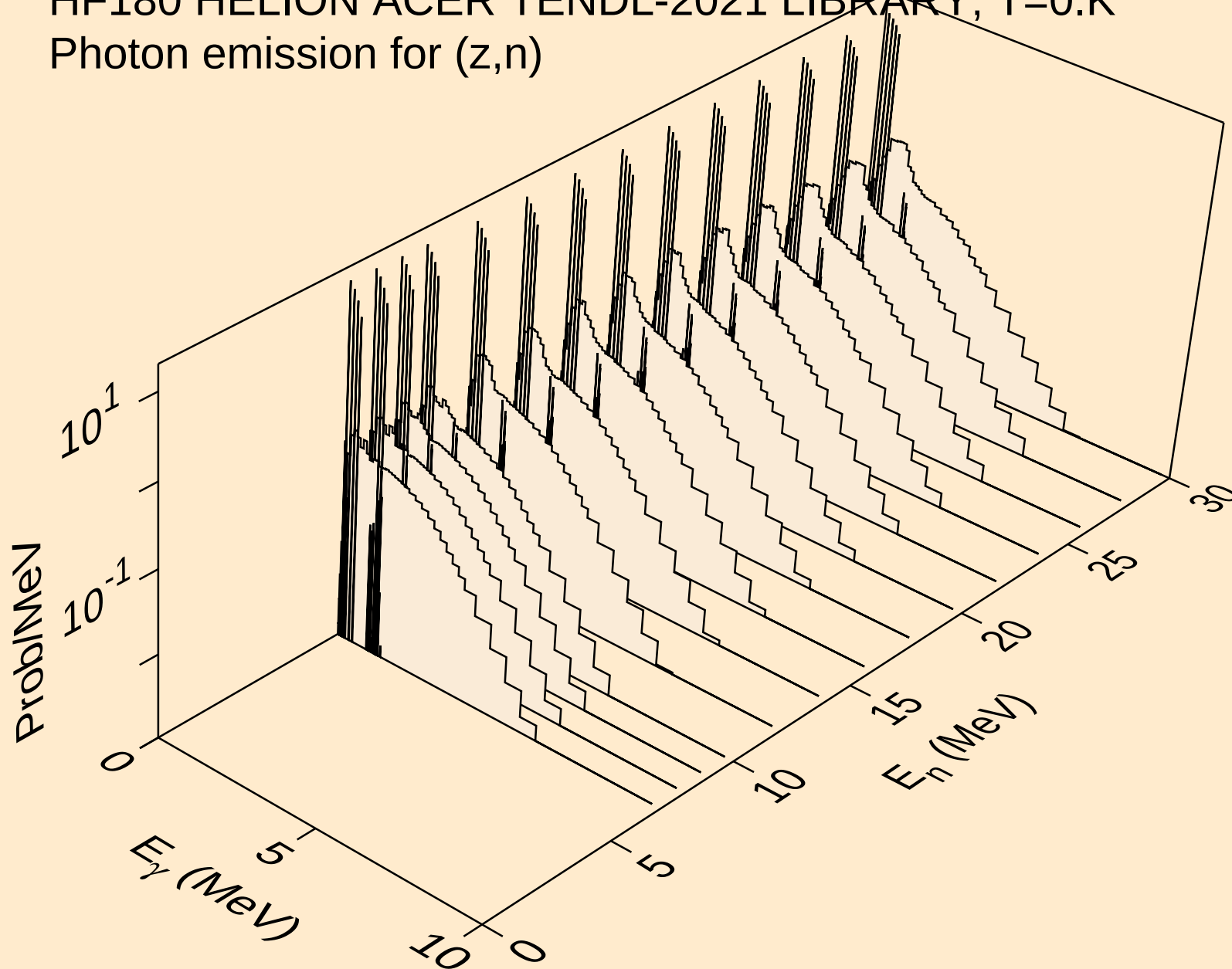
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



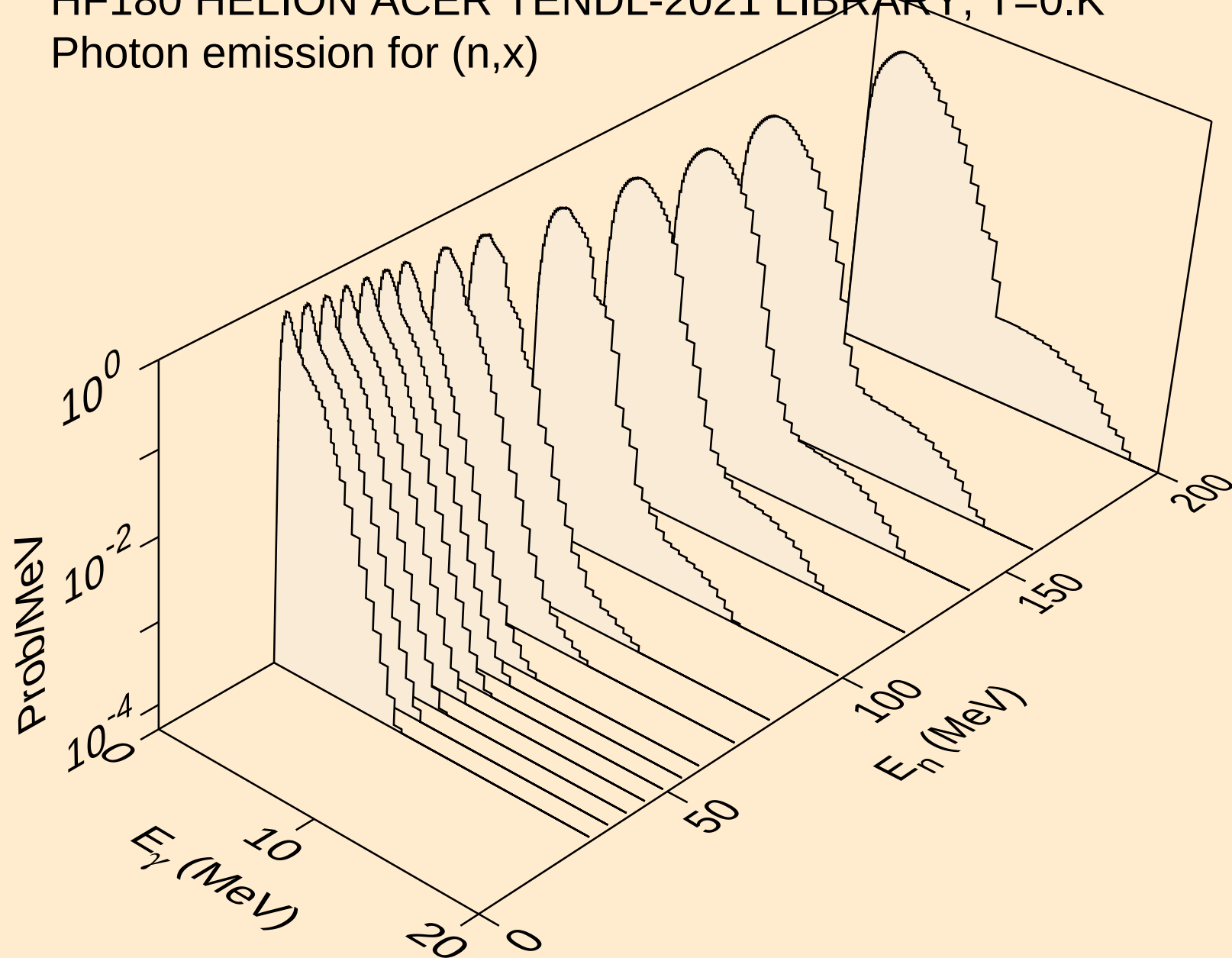
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
He-3 emission for inelastic



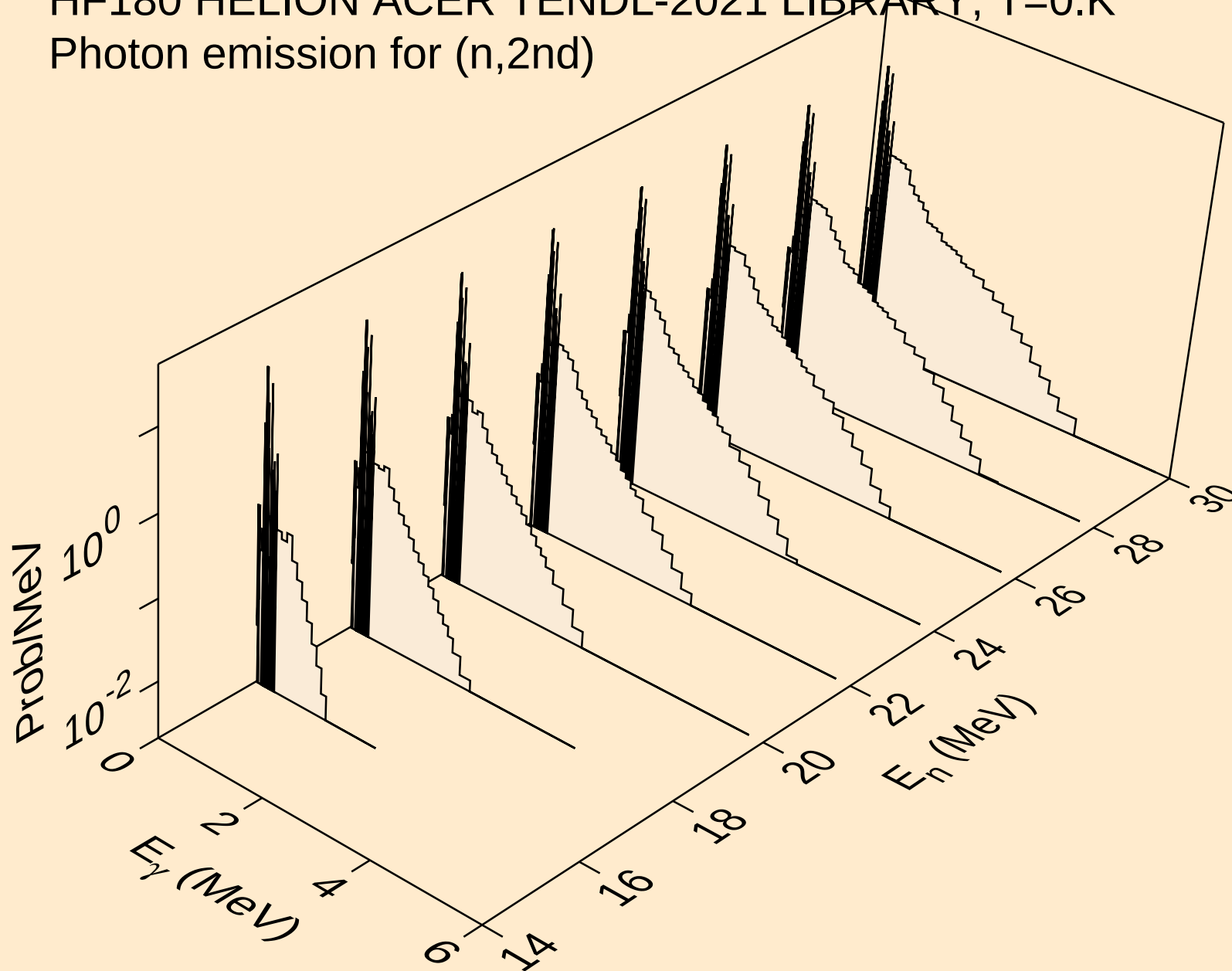
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



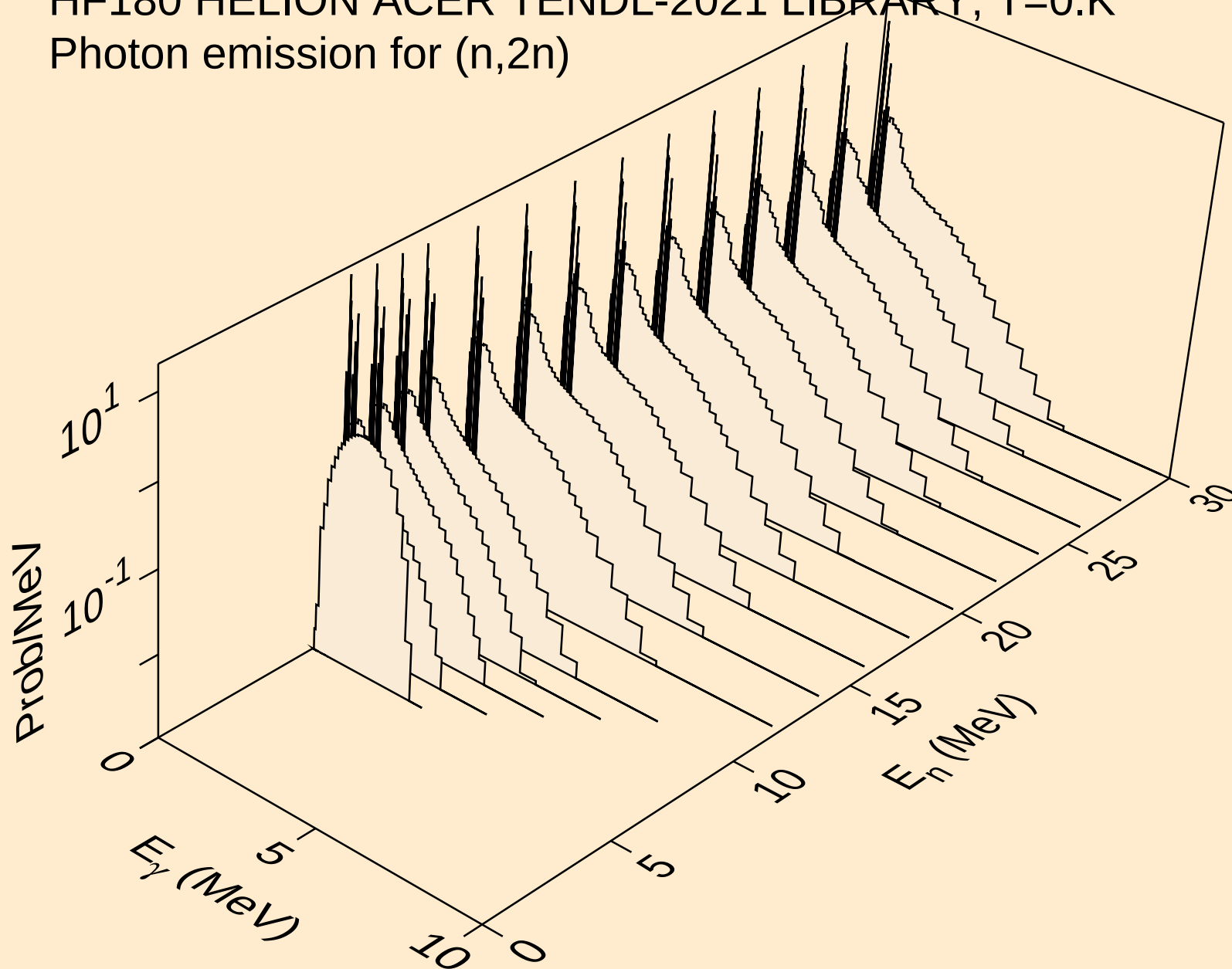
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



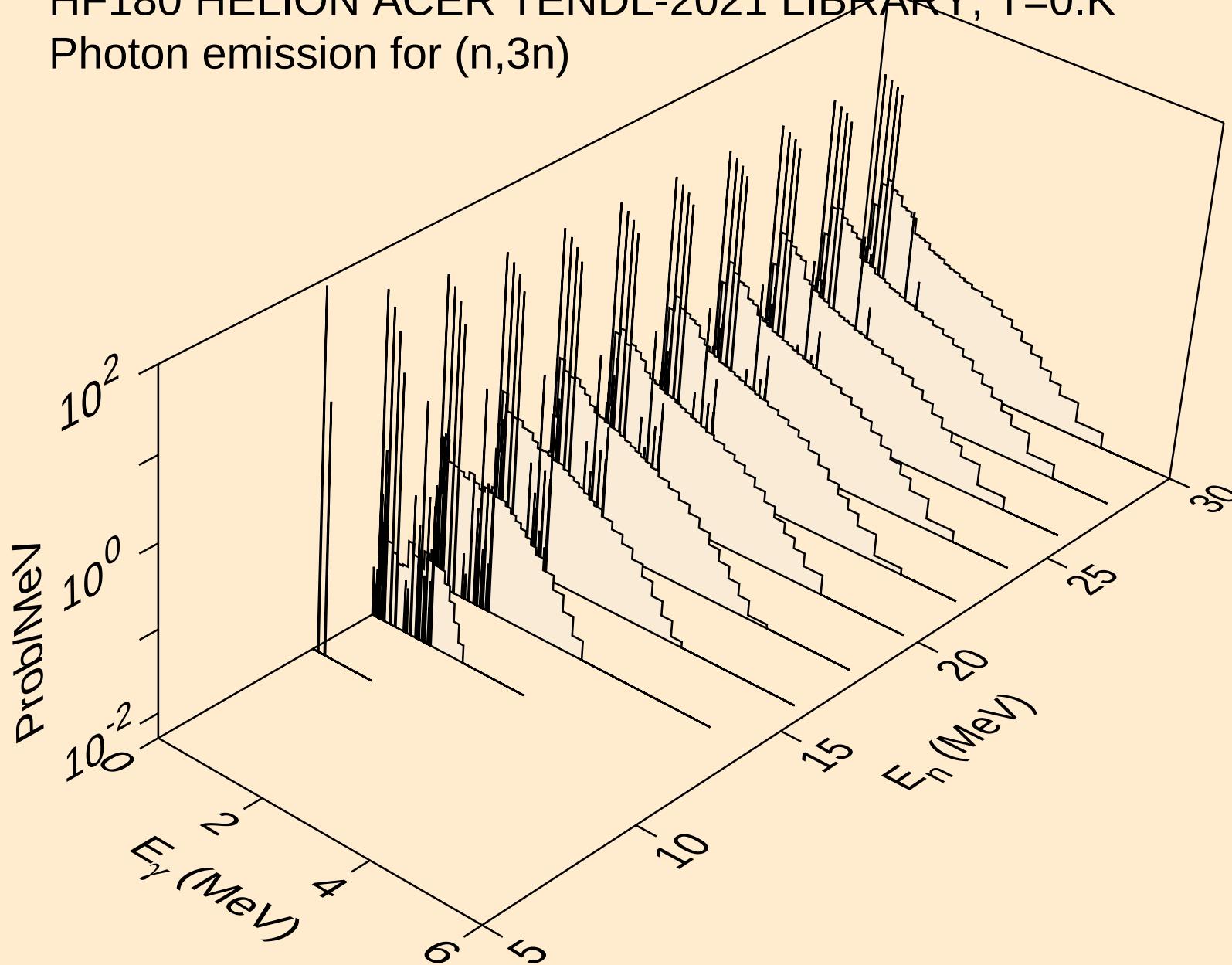
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2nd)



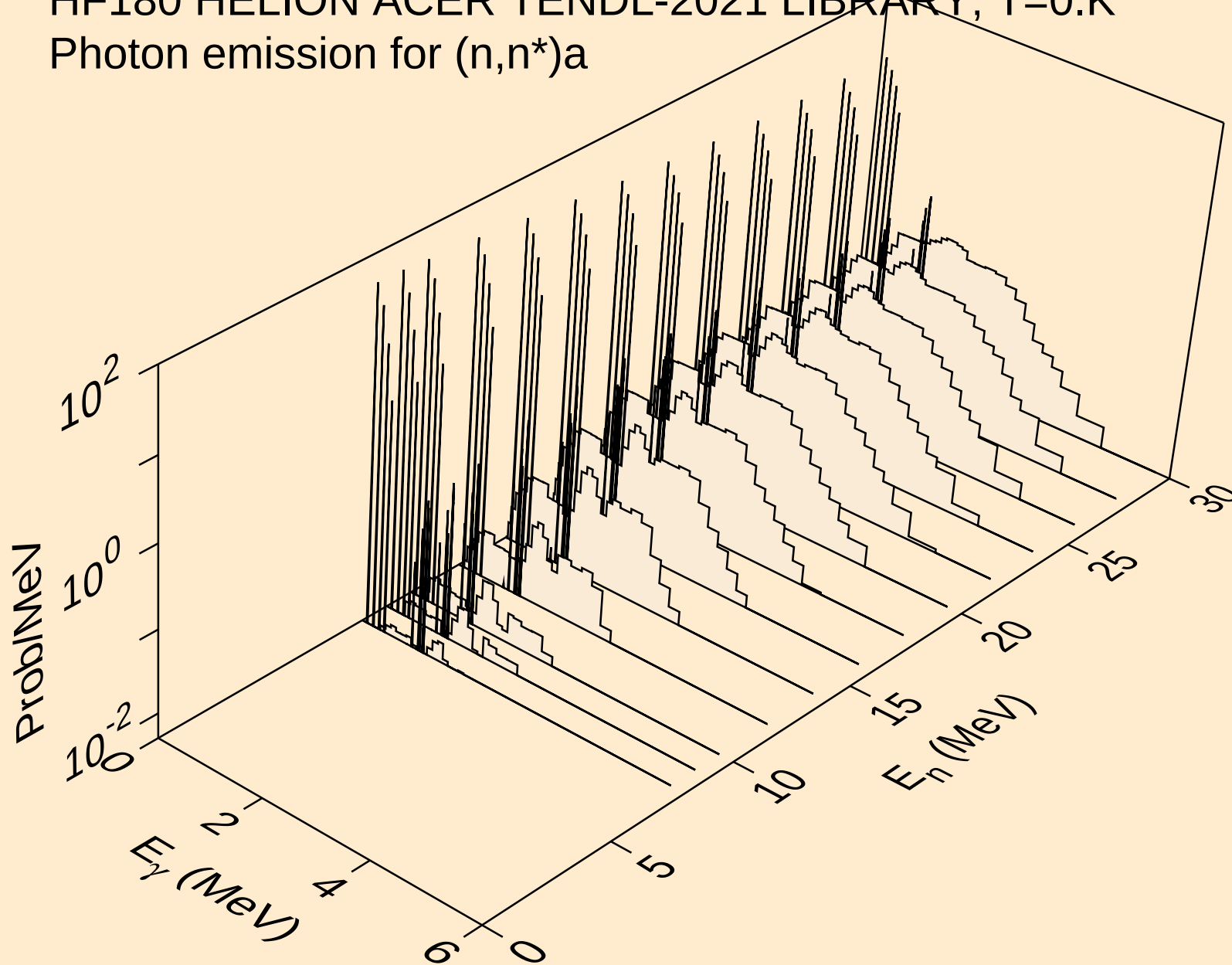
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)



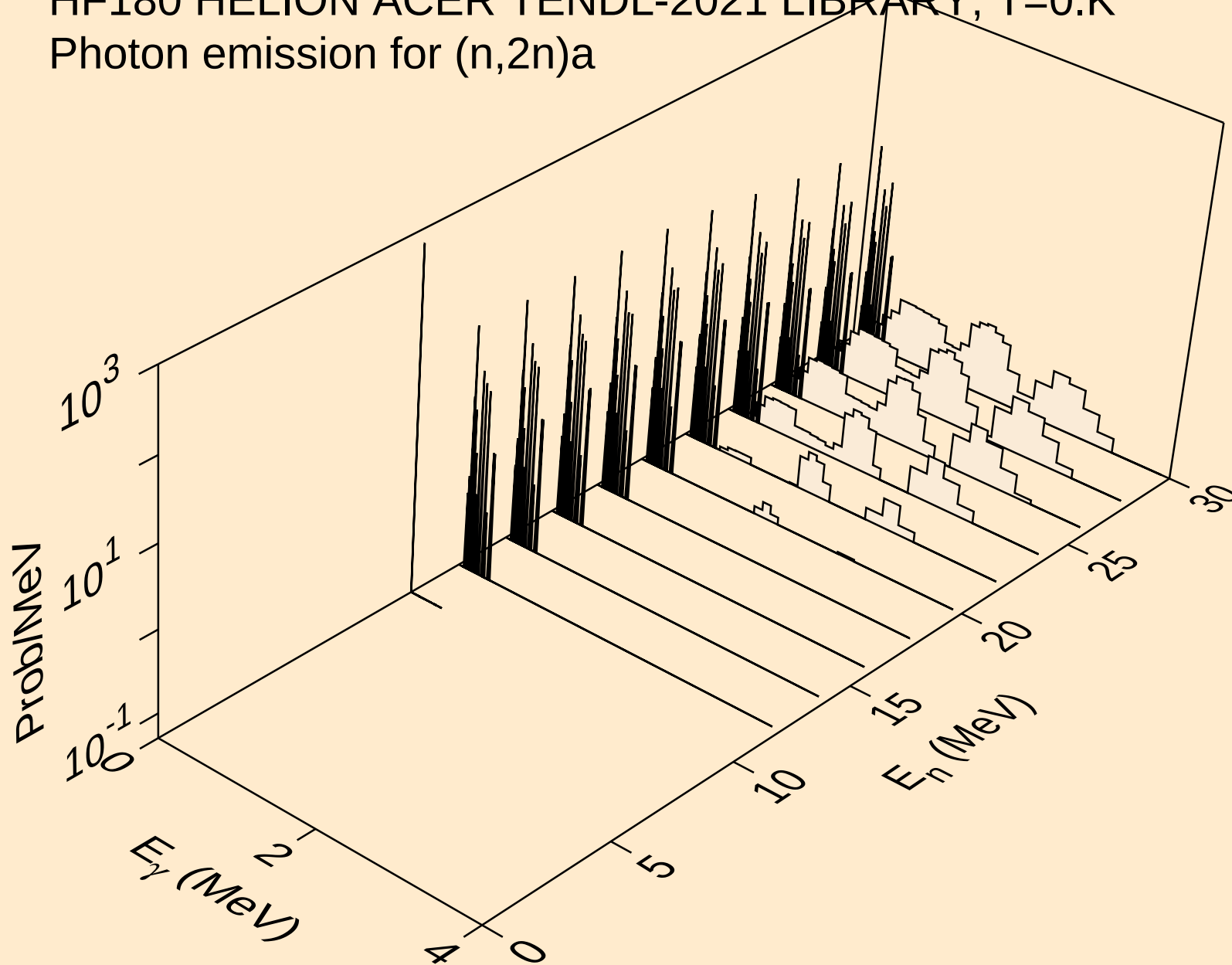
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)



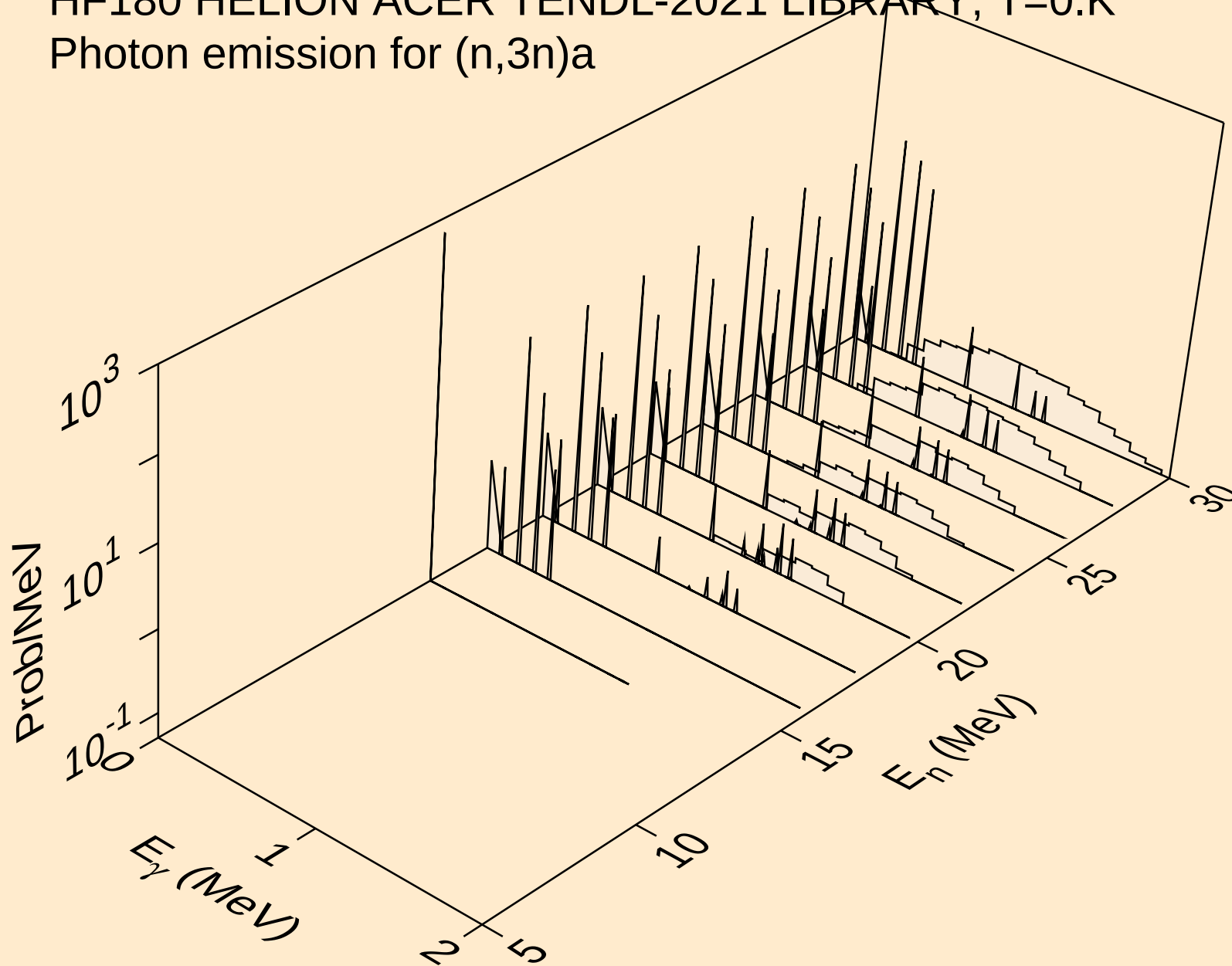
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)a



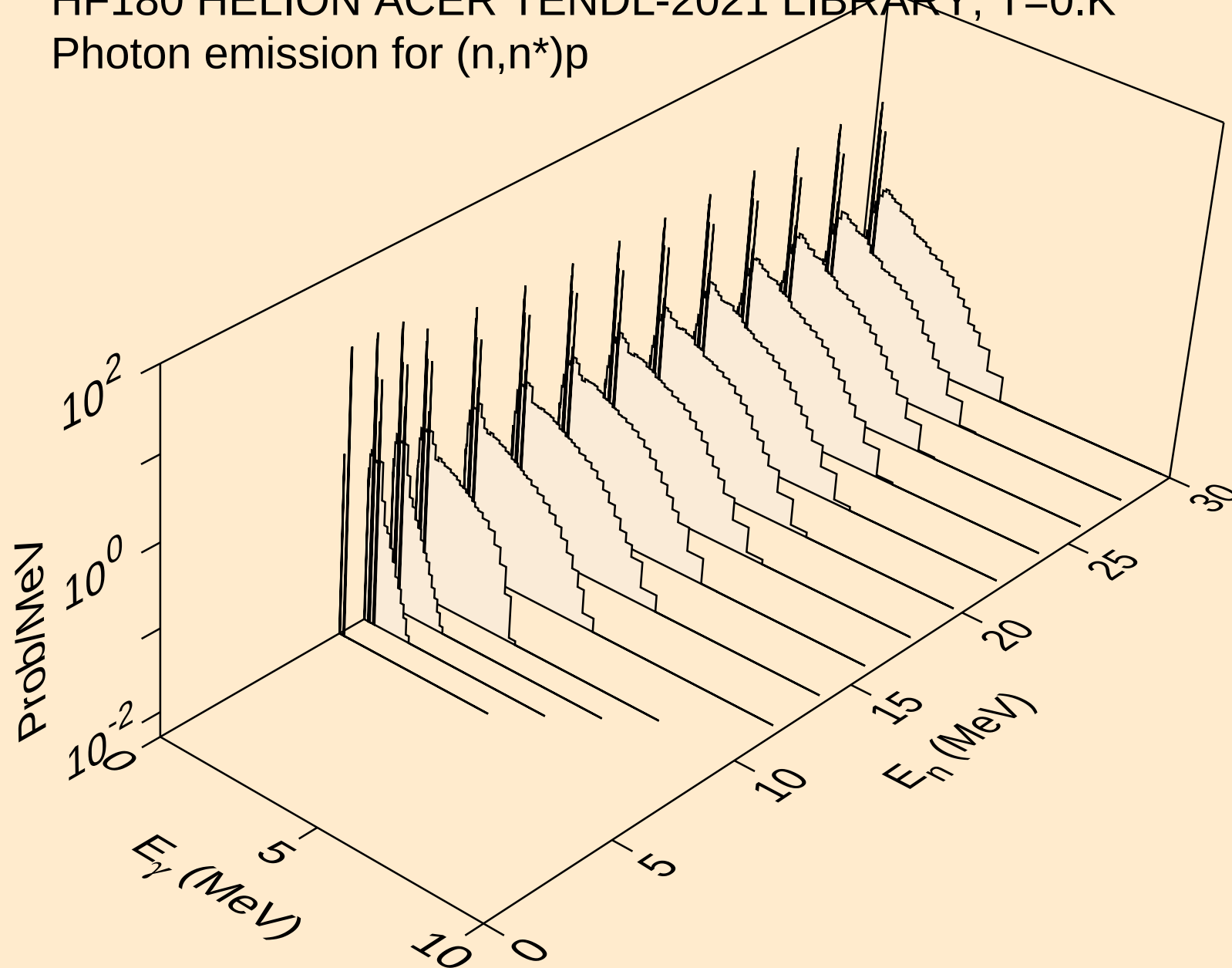
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)a



HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)a

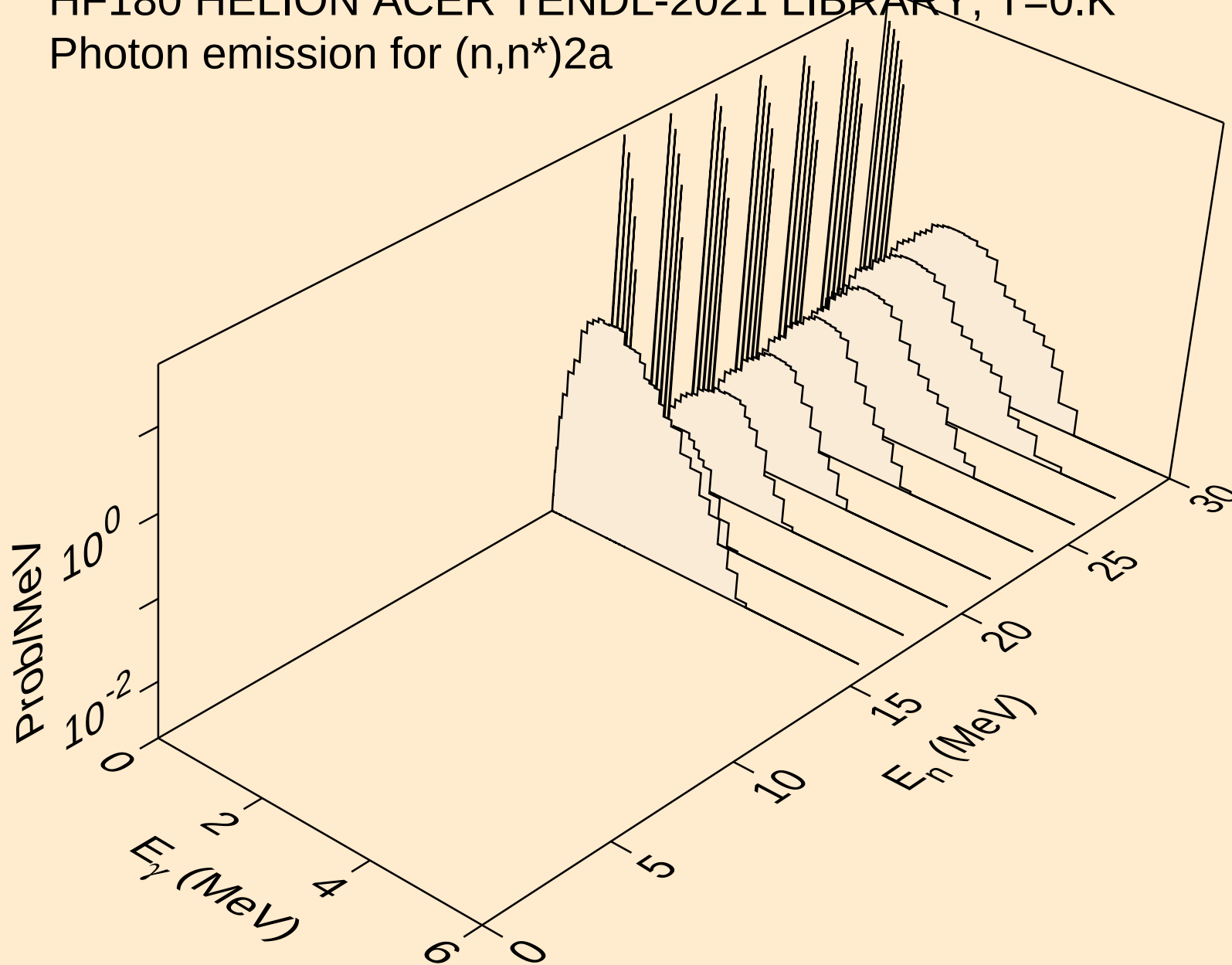


HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)p

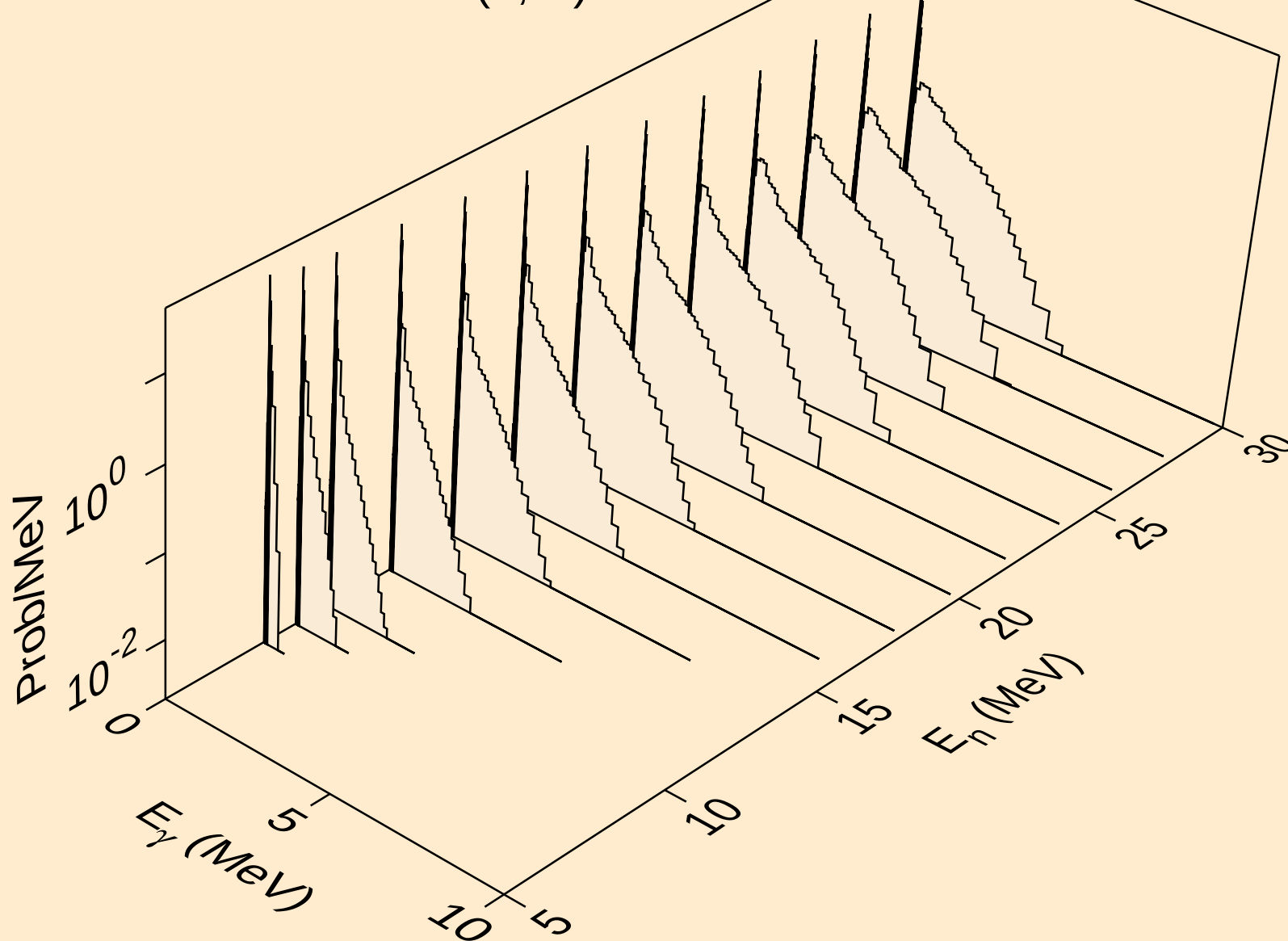


HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)2a

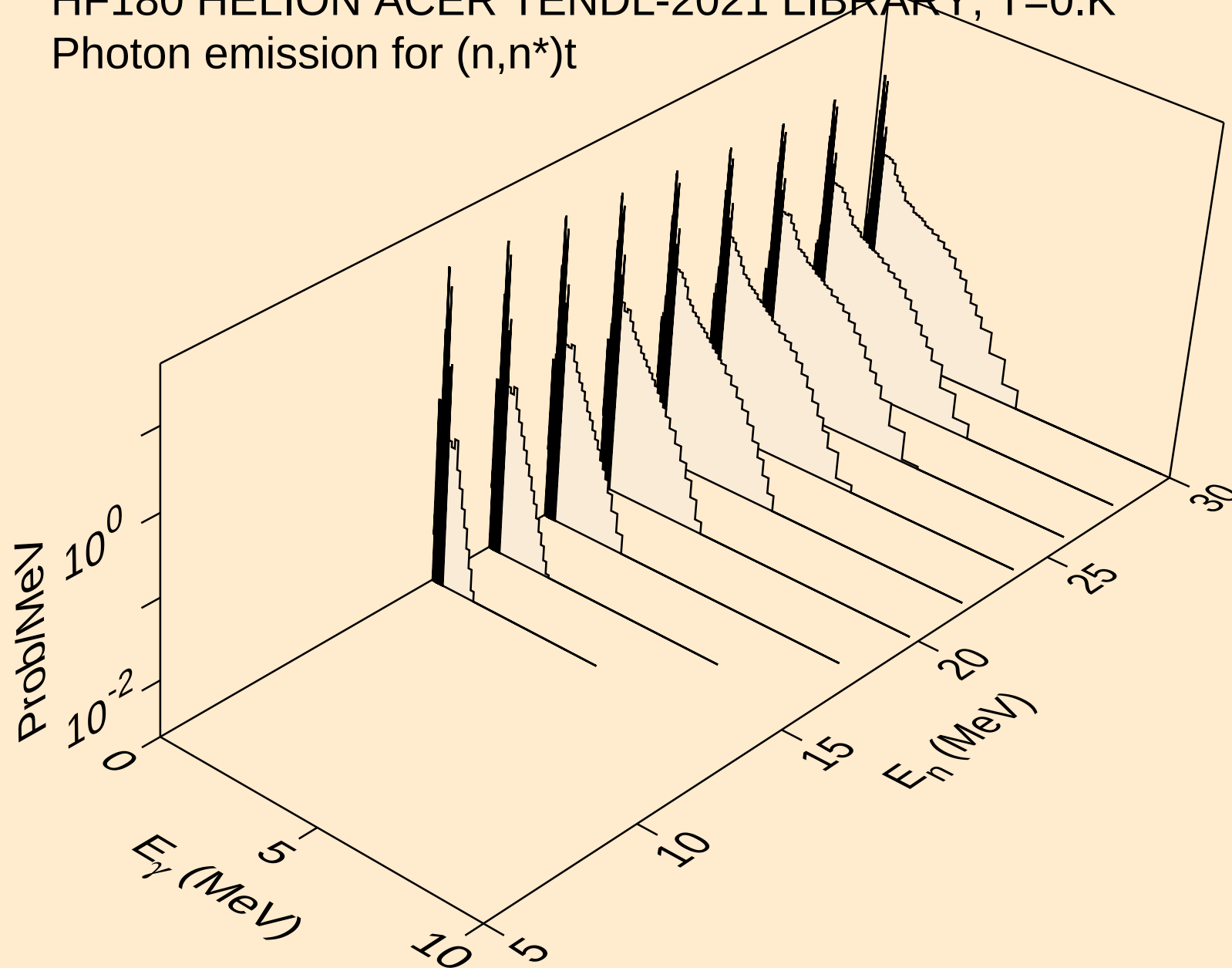


HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)d

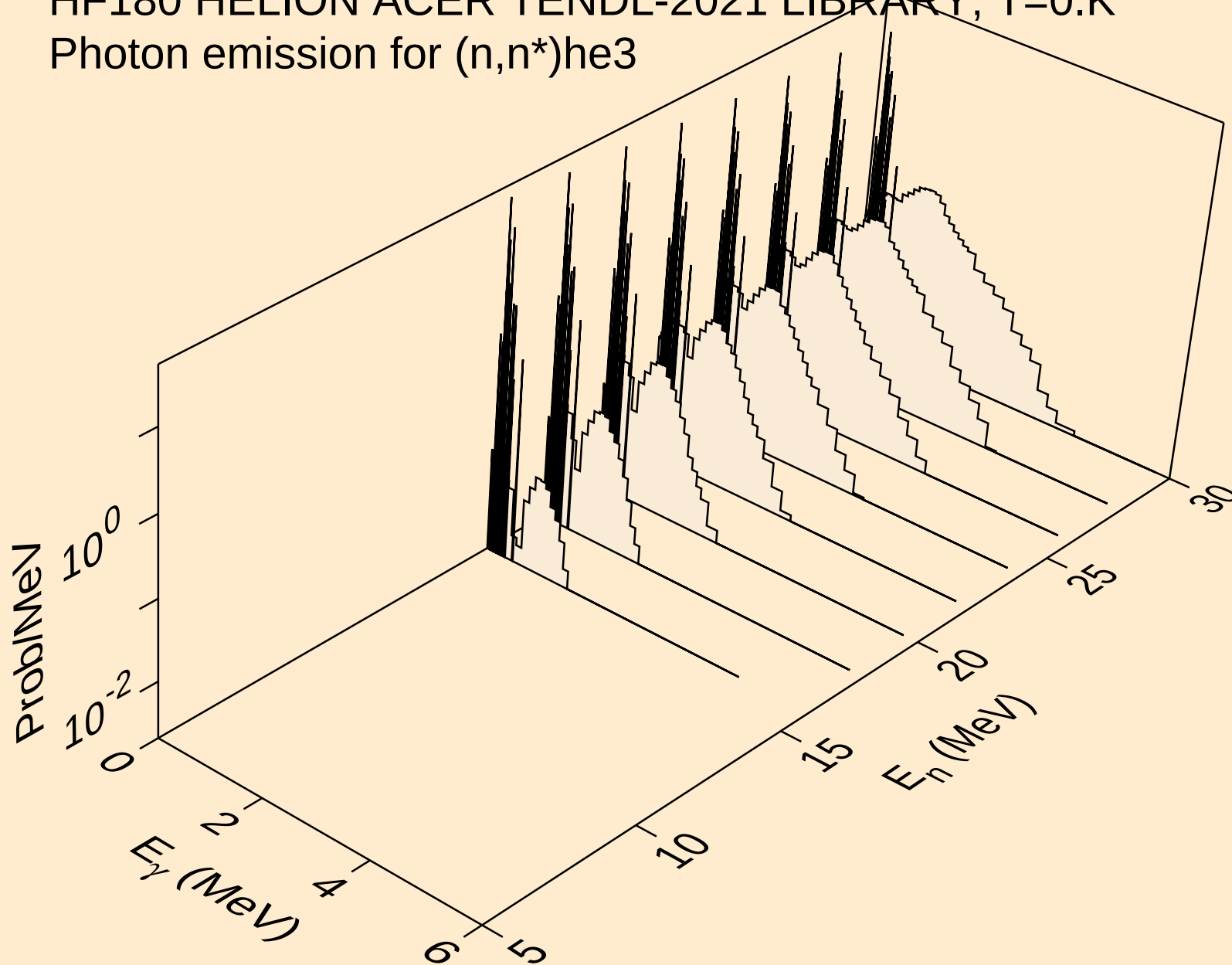


HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K

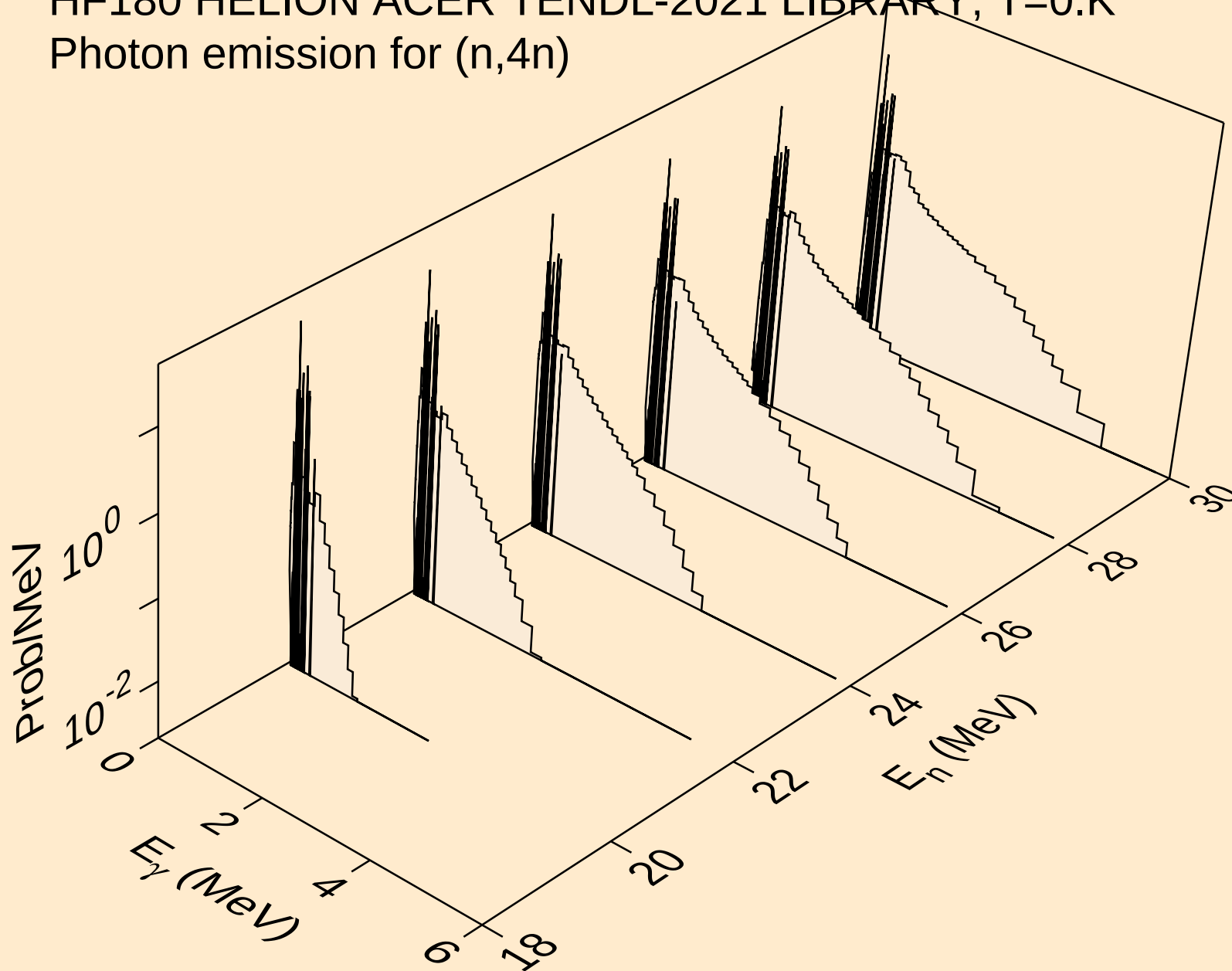
Photon emission for (n,n*)t



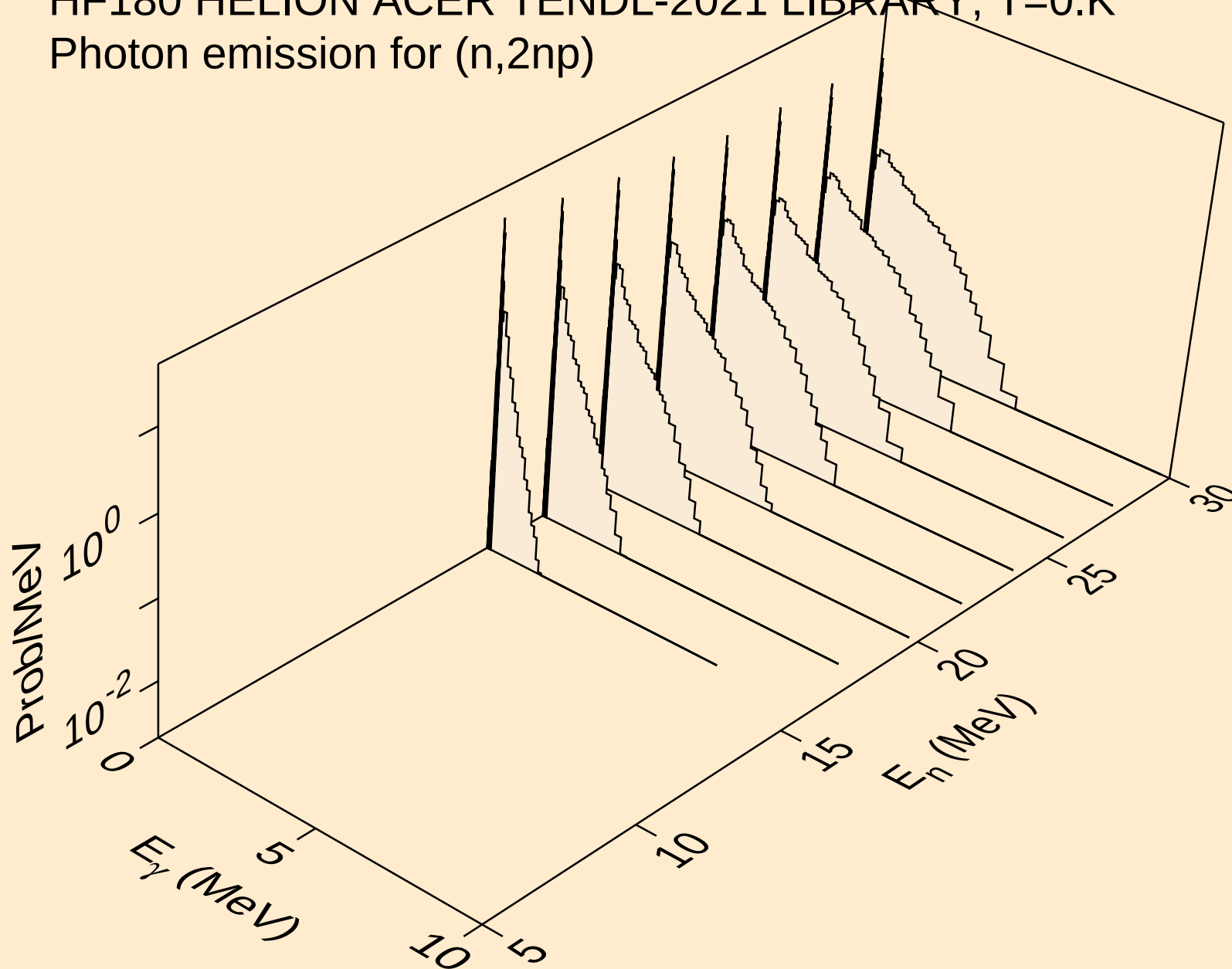
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)he3



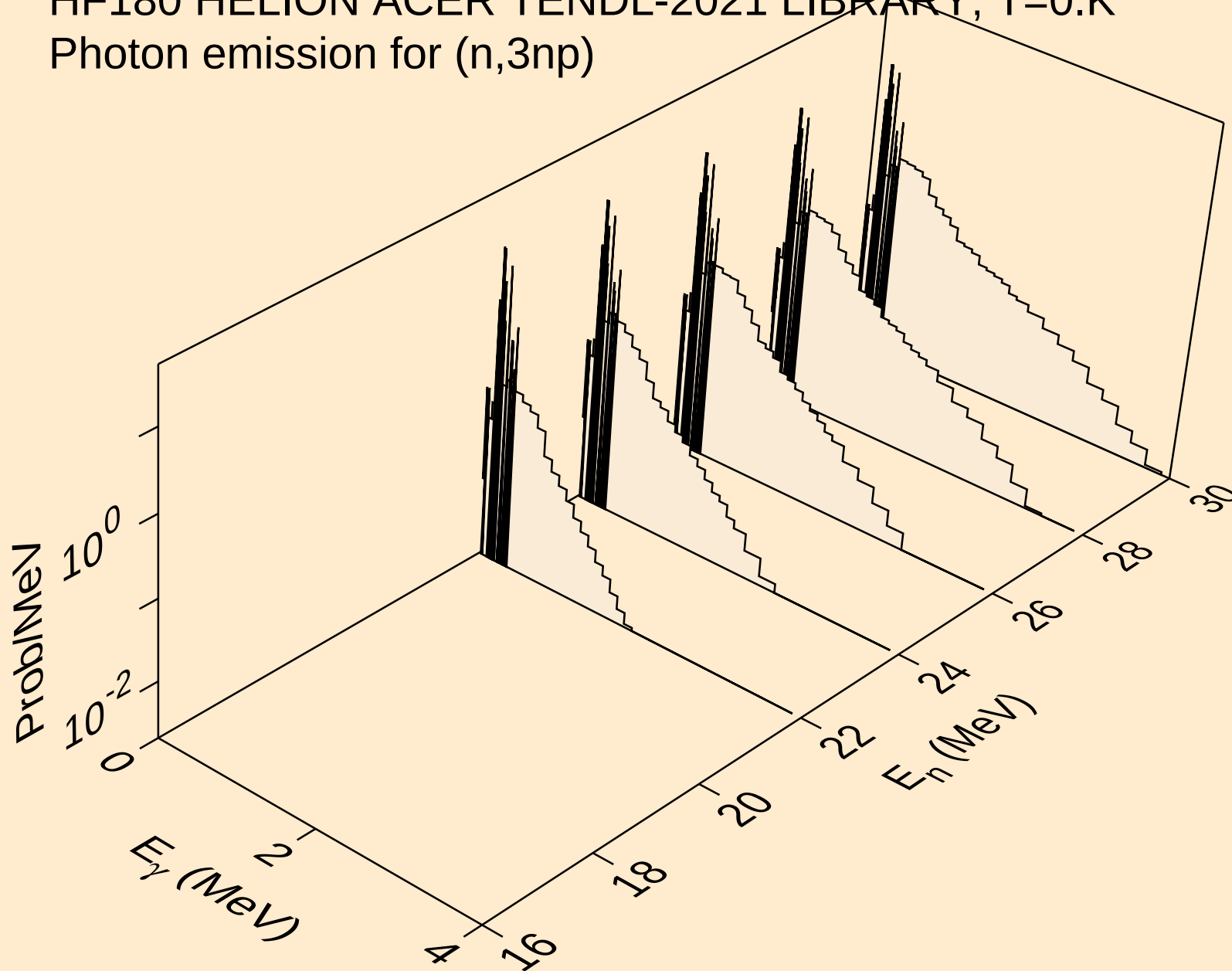
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,4n)



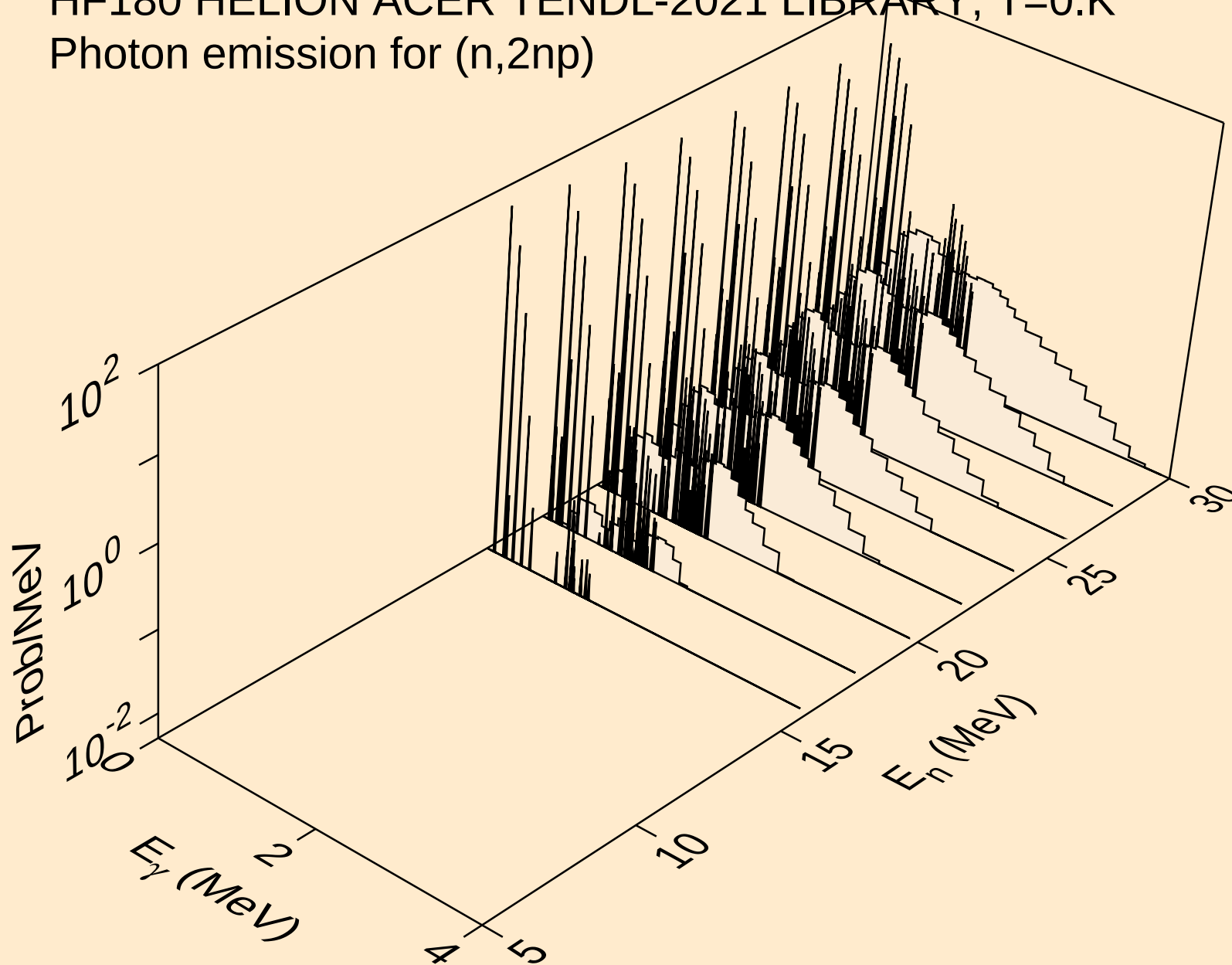
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



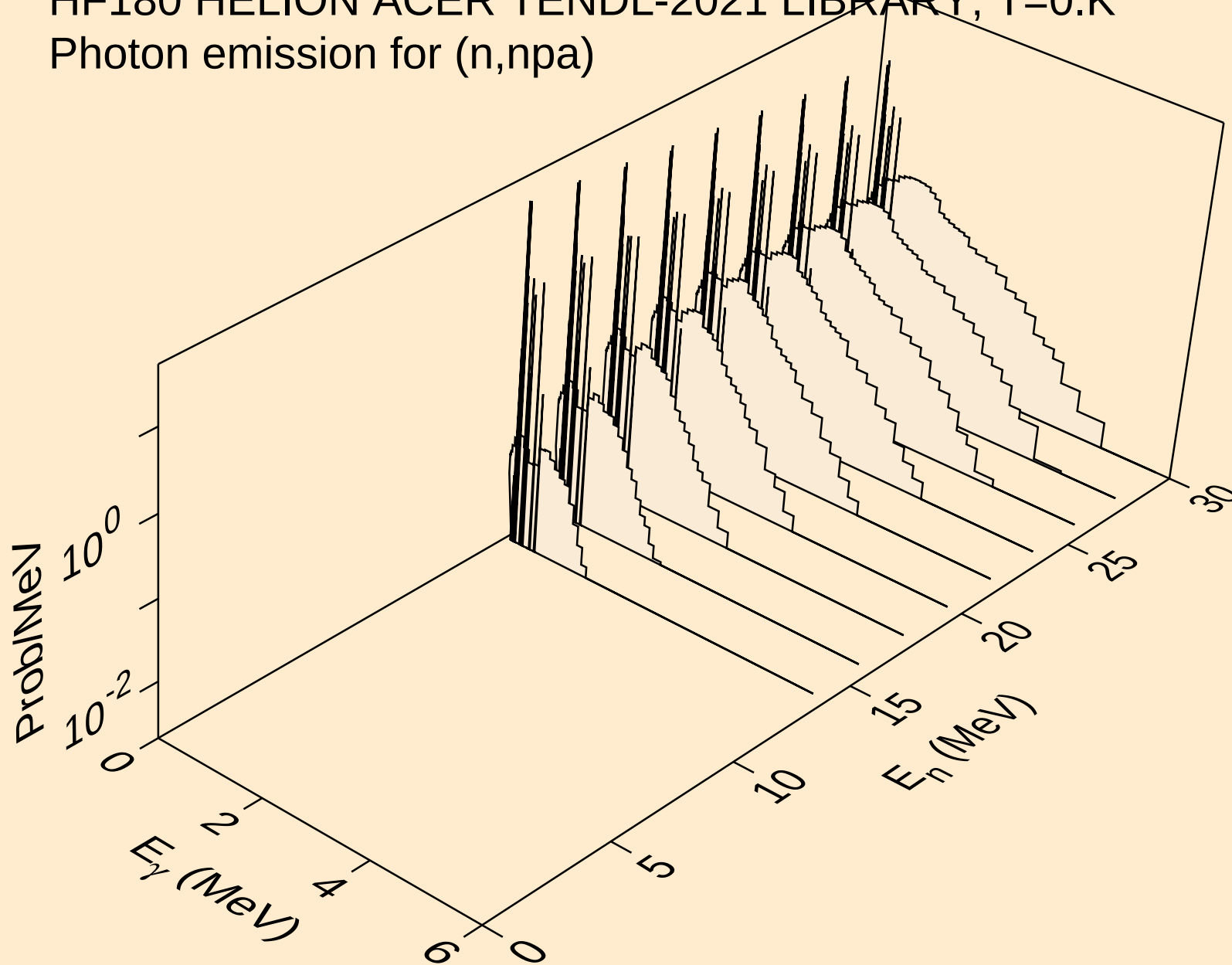
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3np)



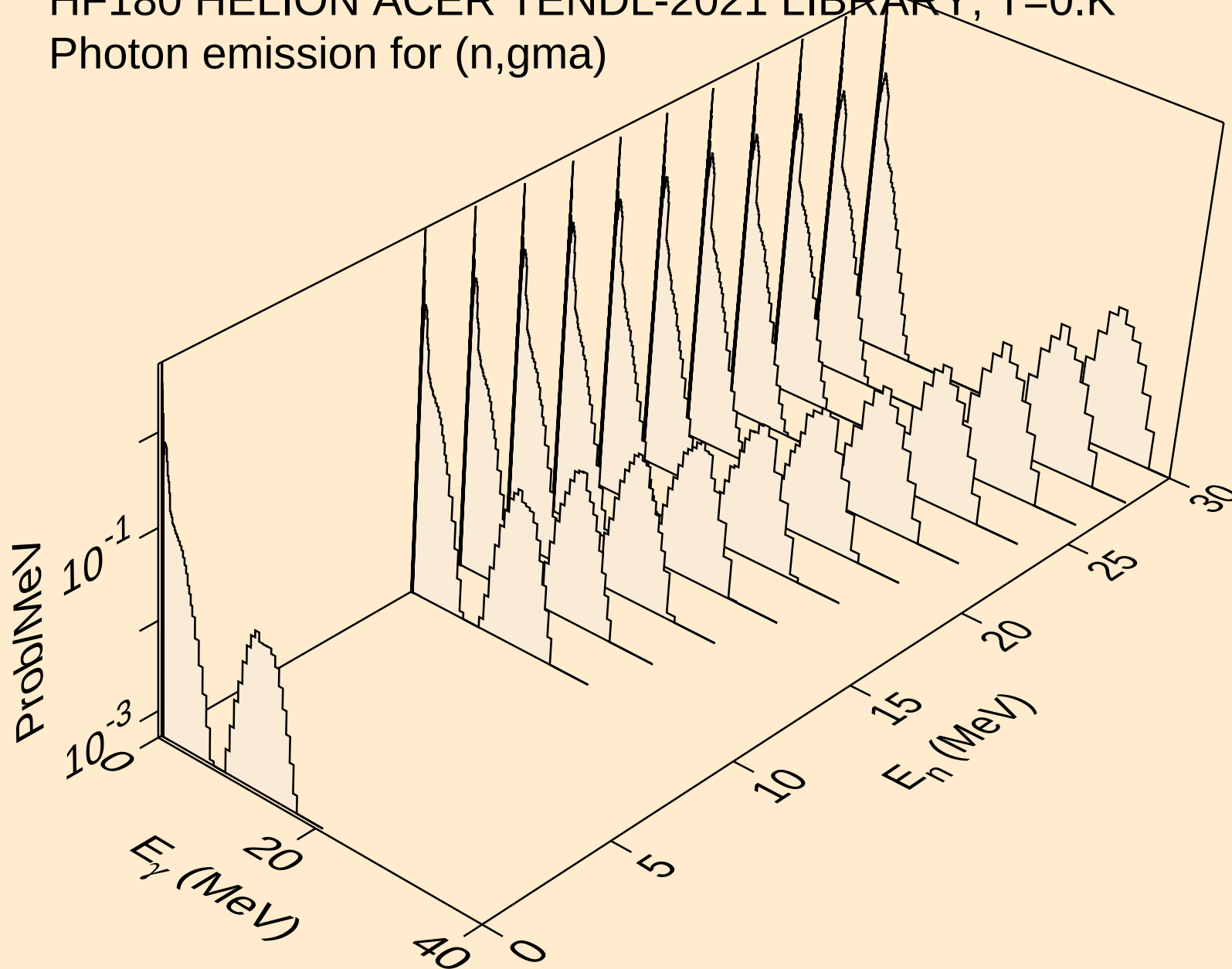
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Photon emission for (n,2np)



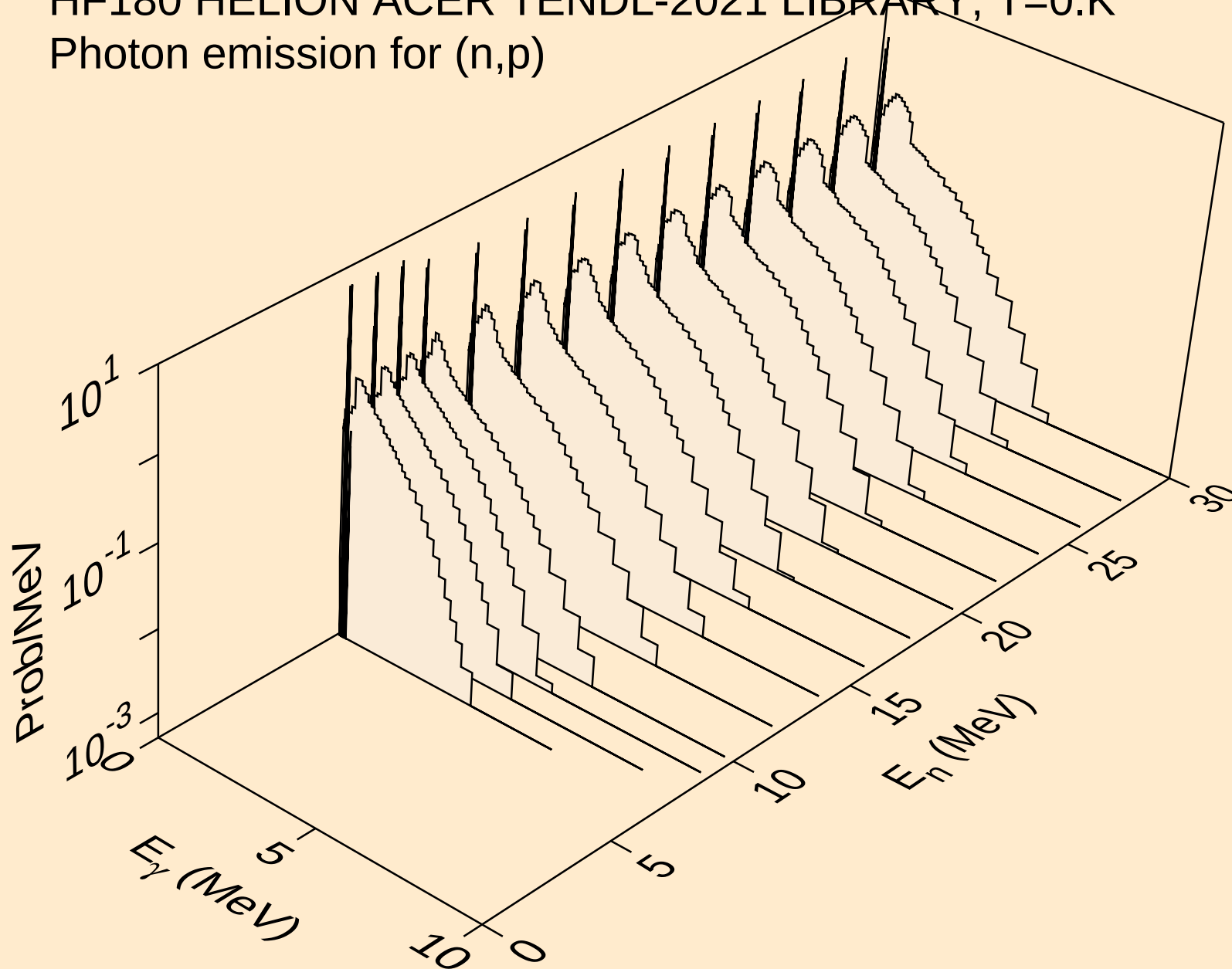
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,npa)



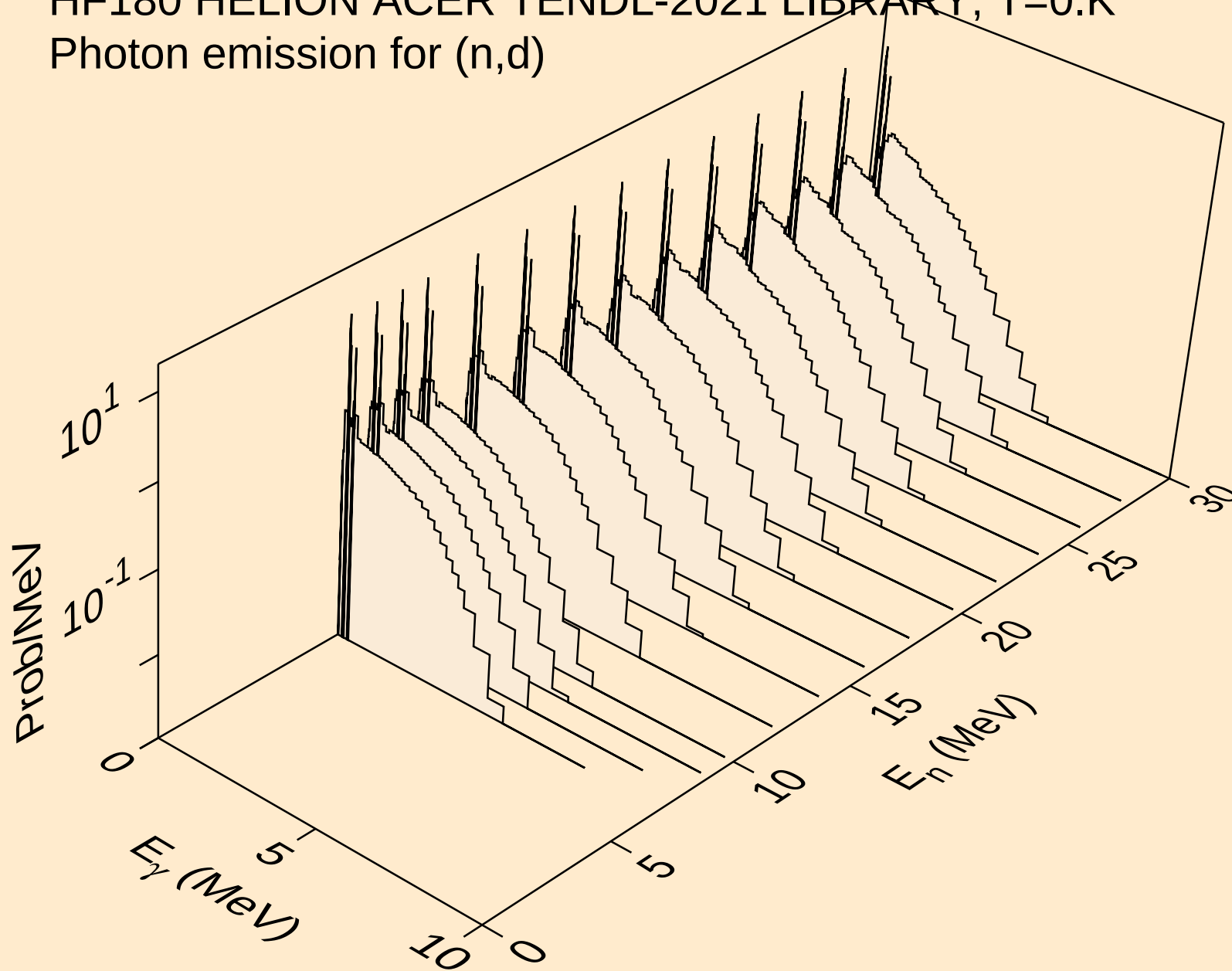
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Photon emission for (n,gma)



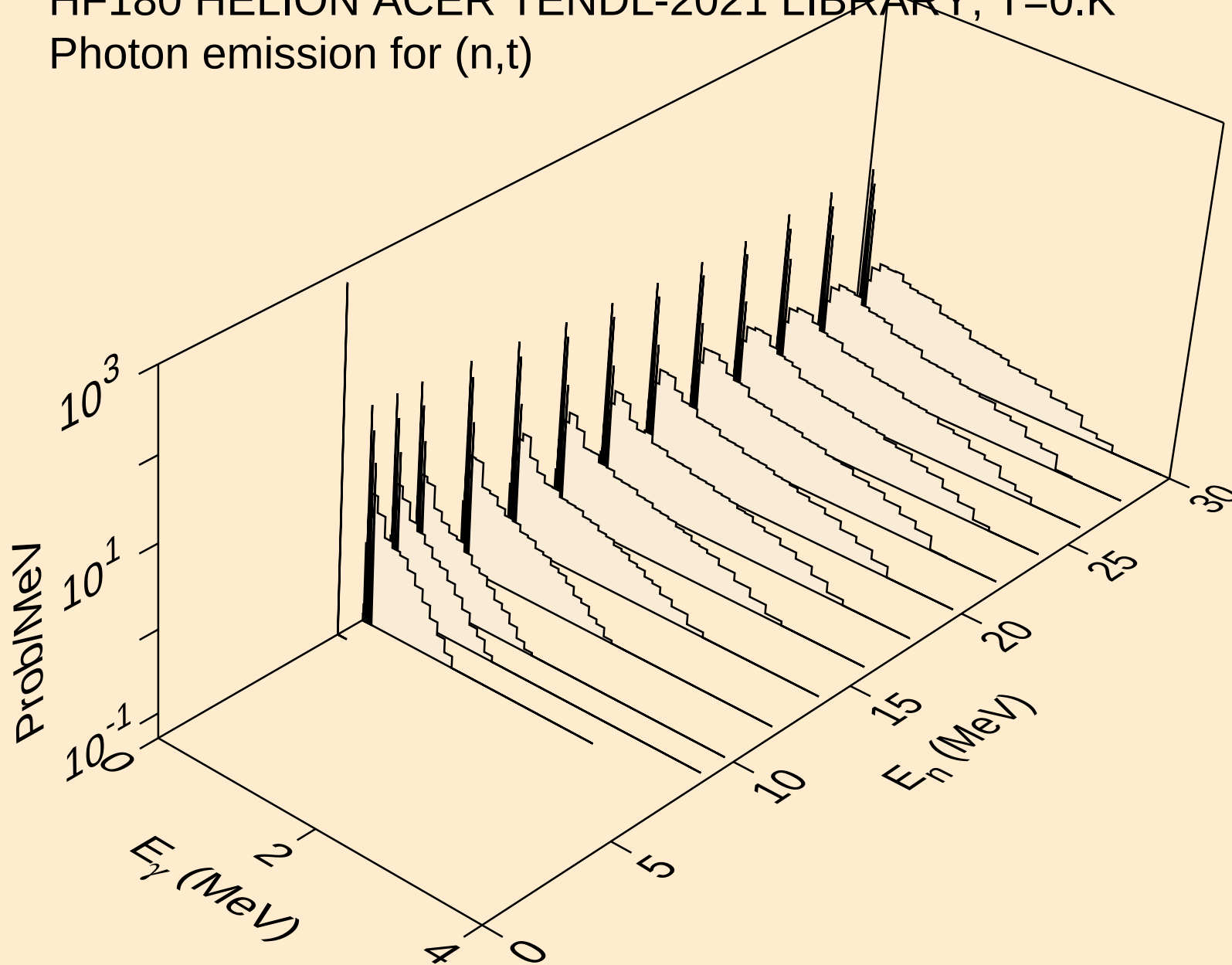
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)



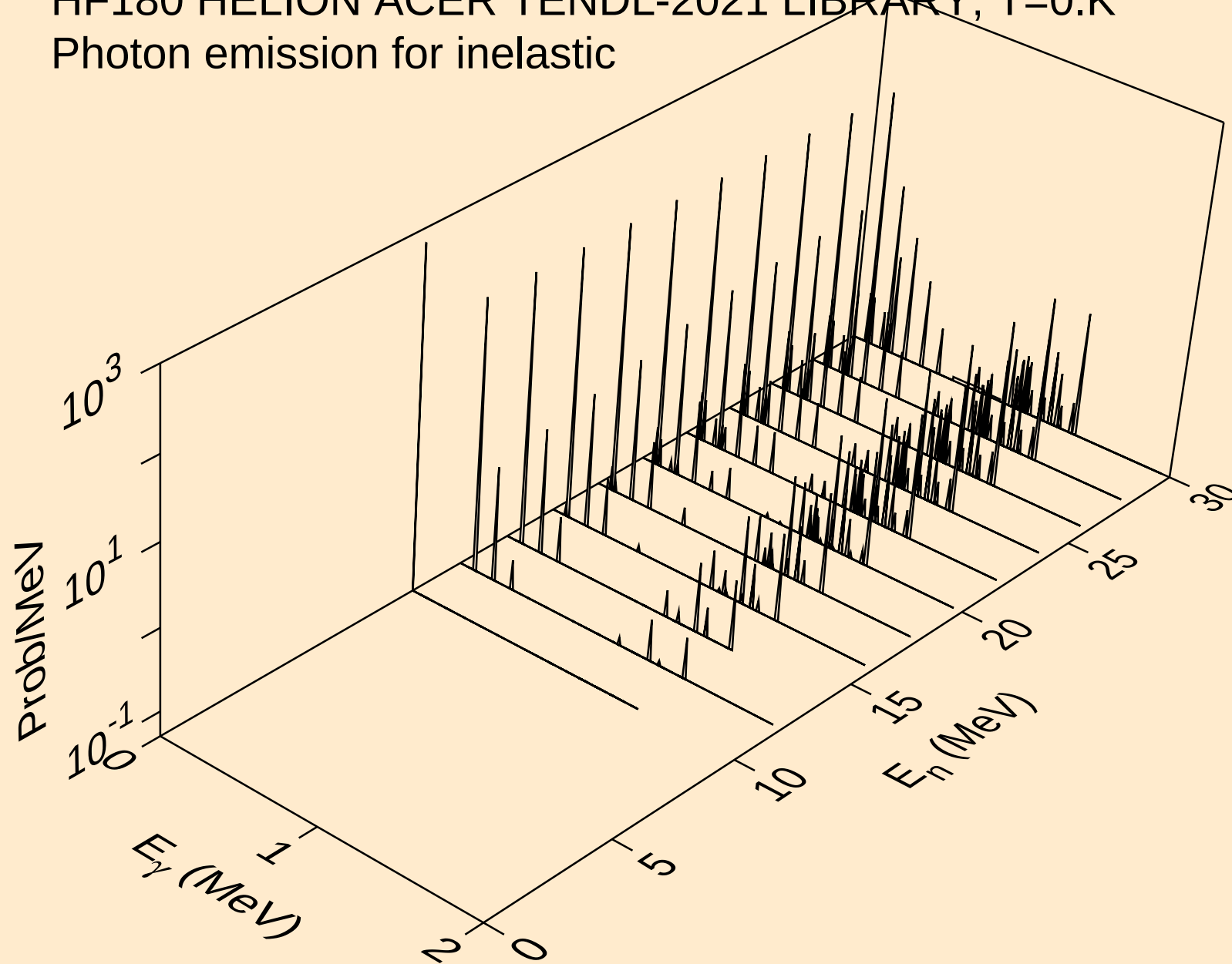
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Photon emission for (n,d)



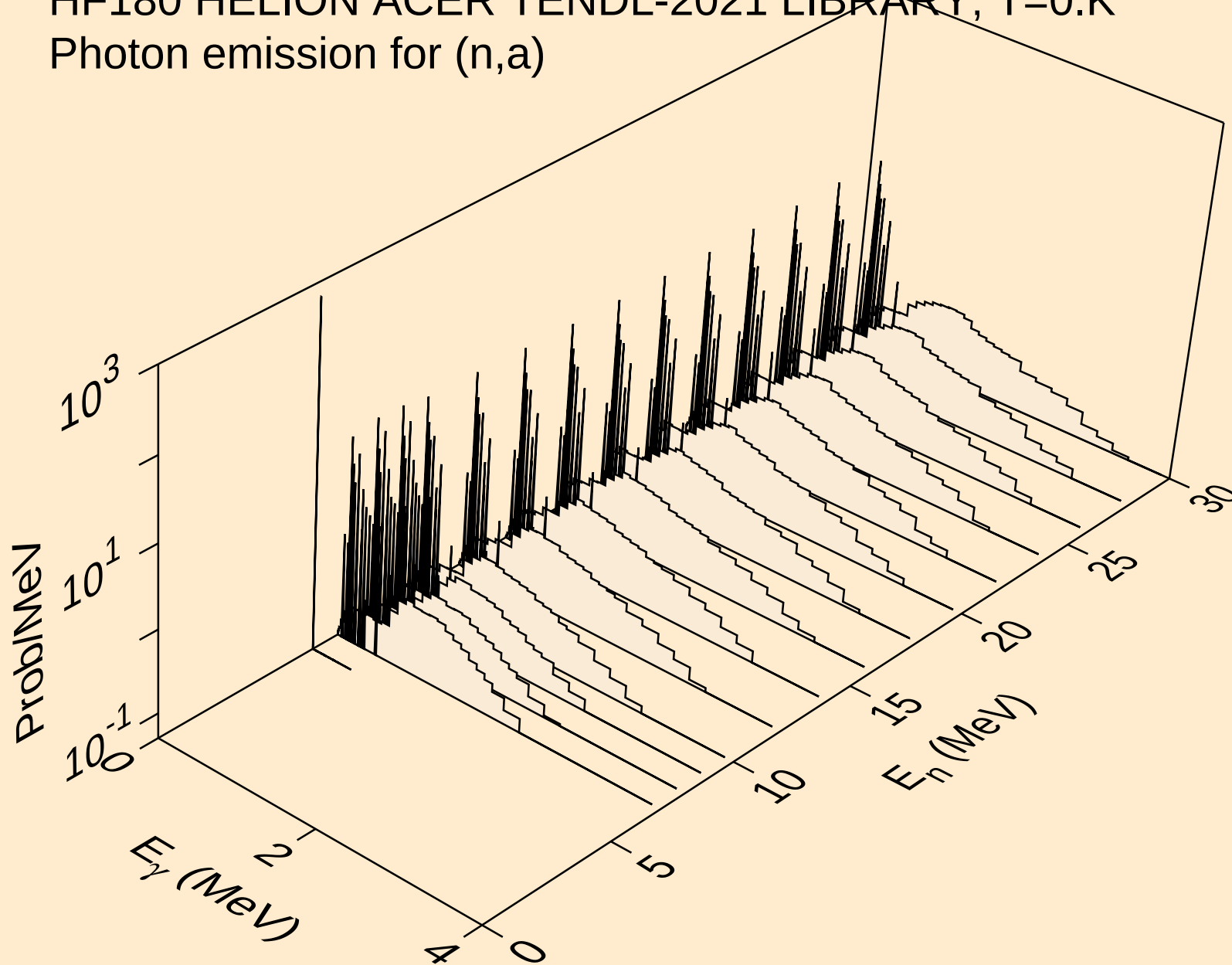
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,t)



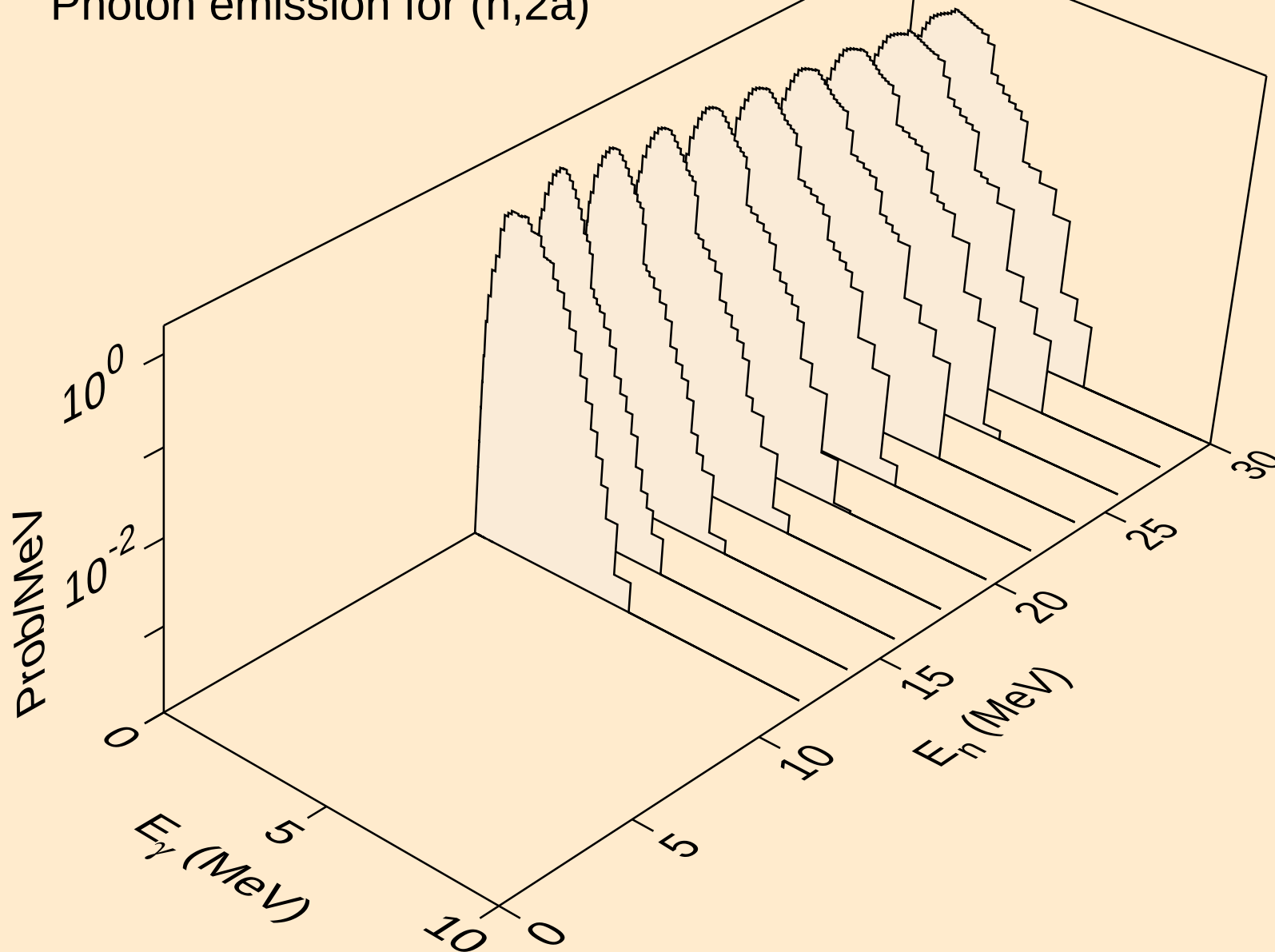
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



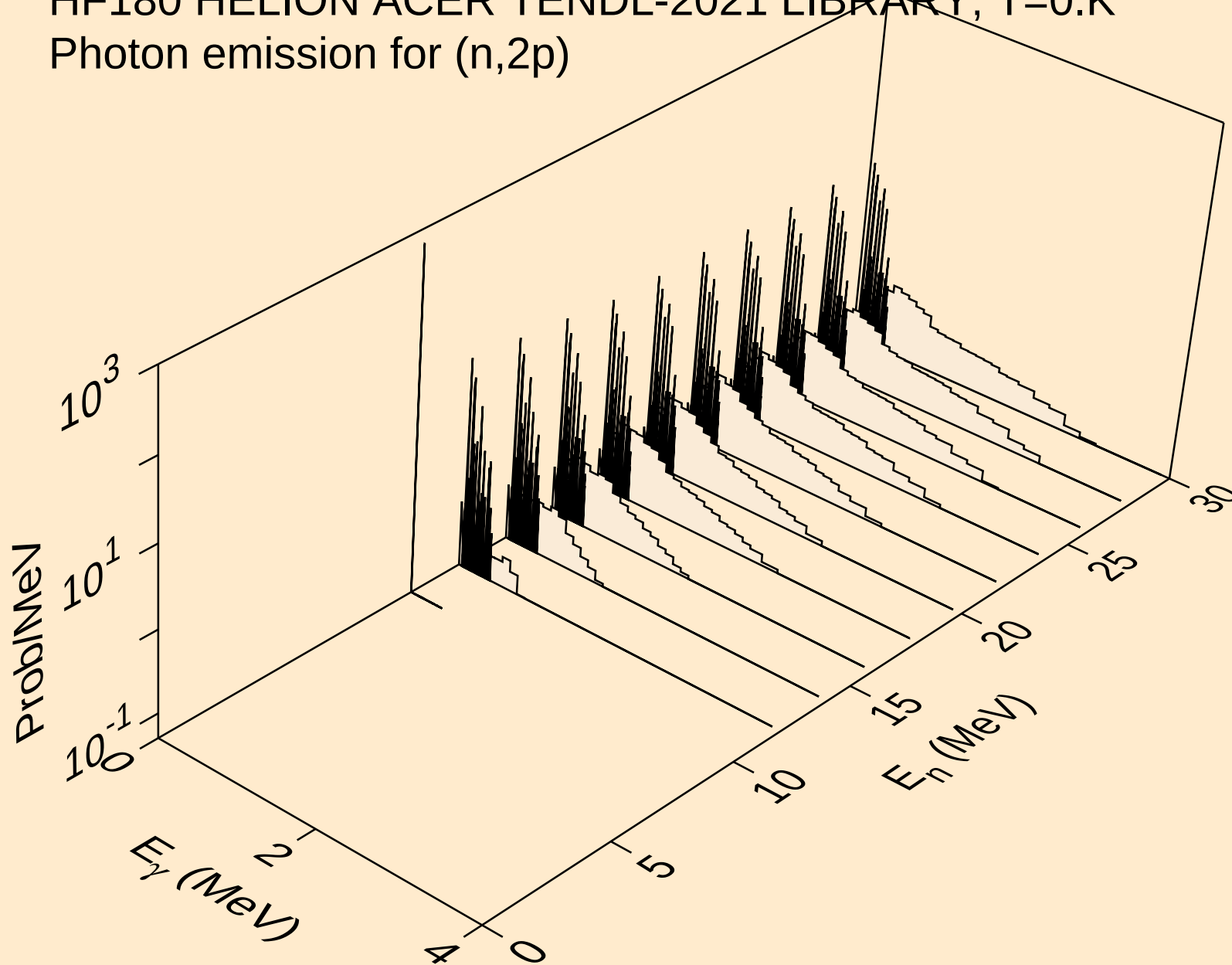
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,a)



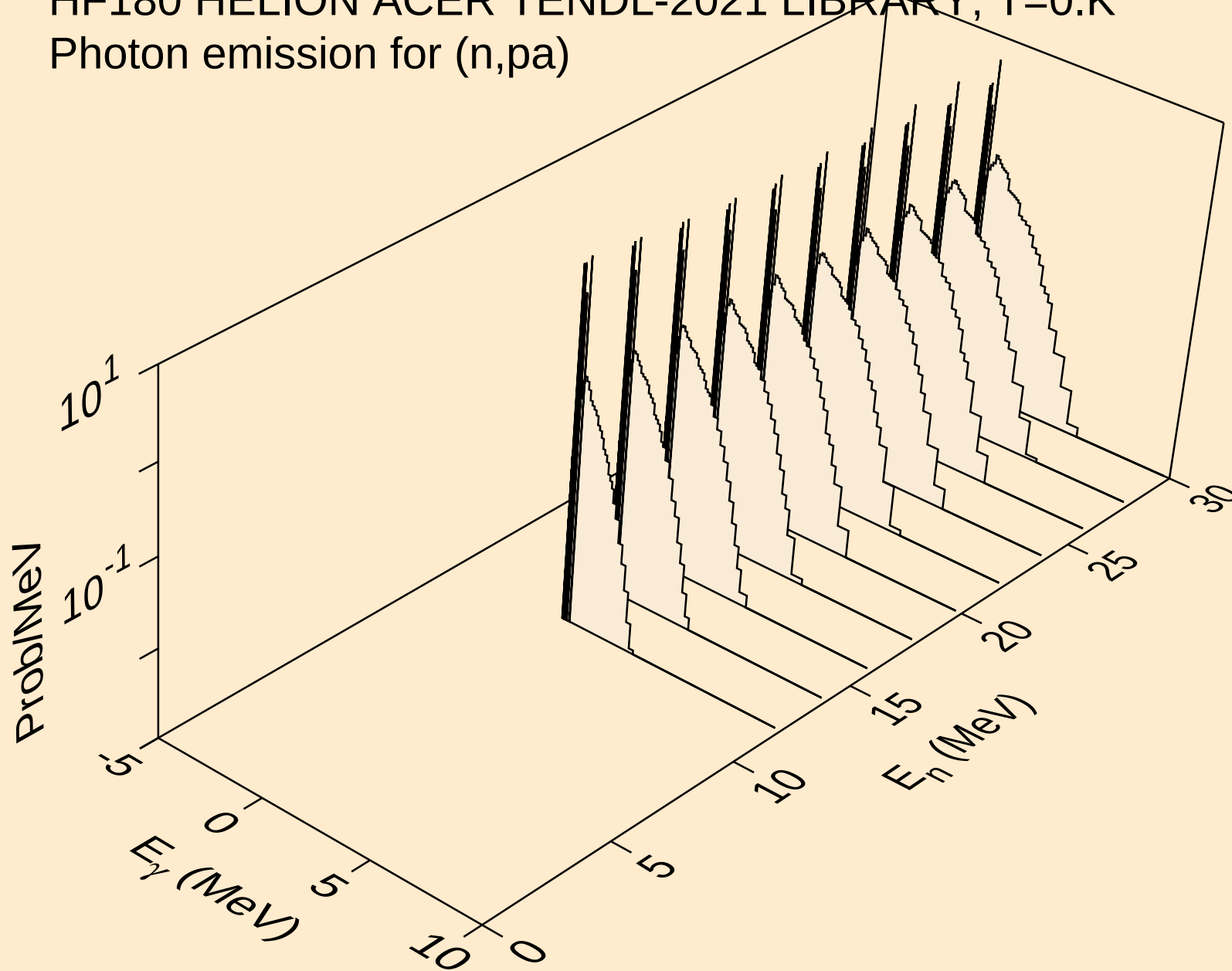
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)



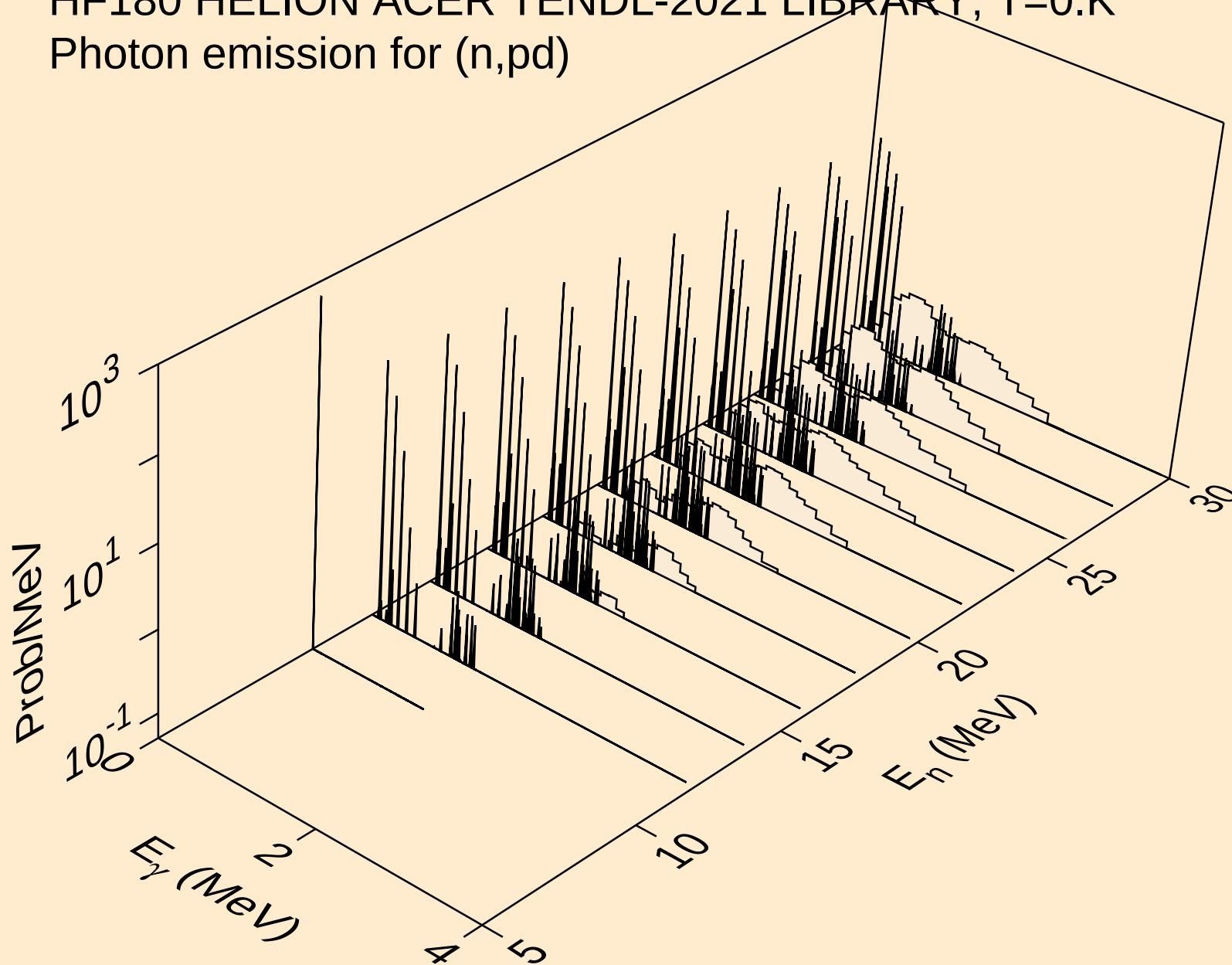
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2p)



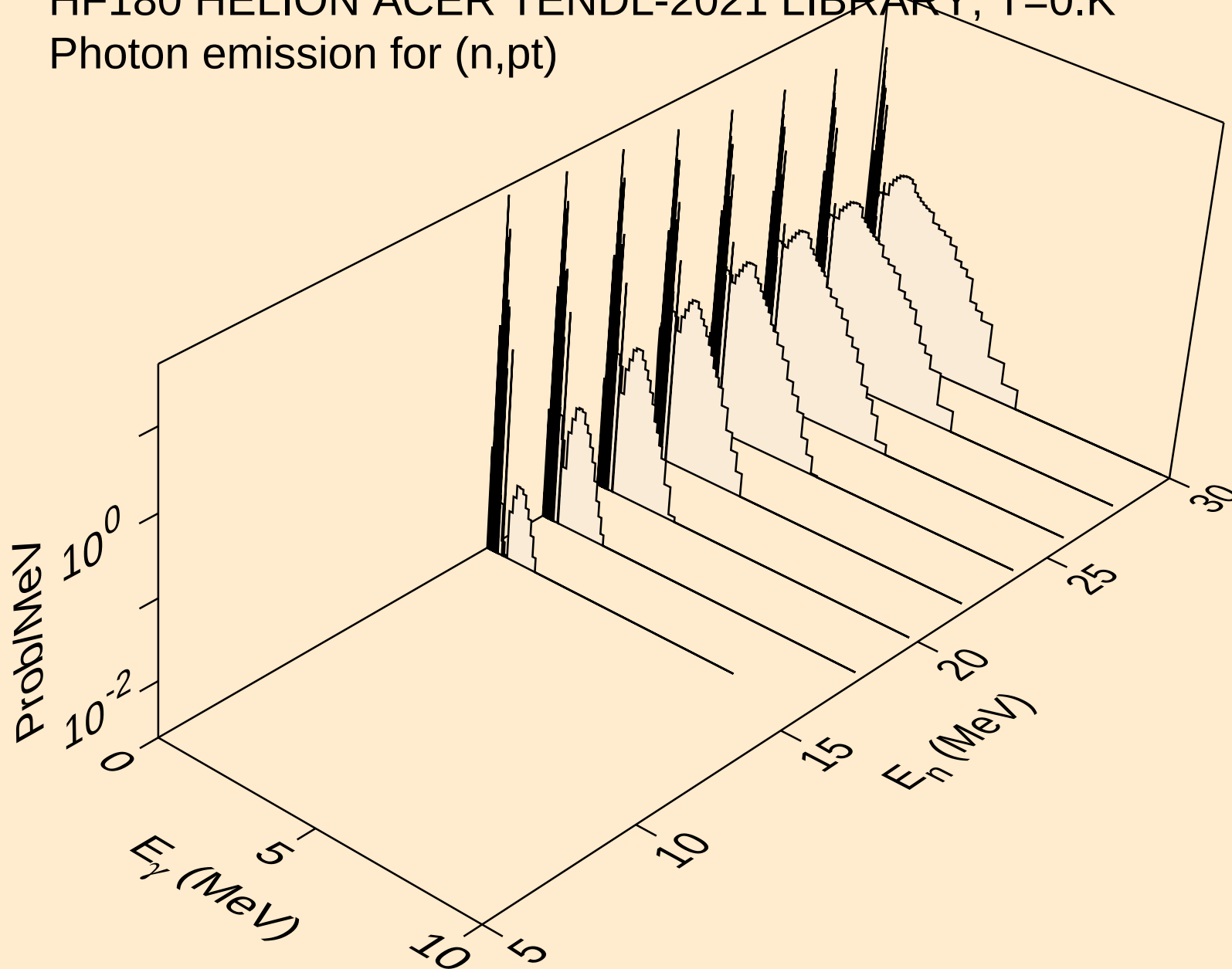
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pa)



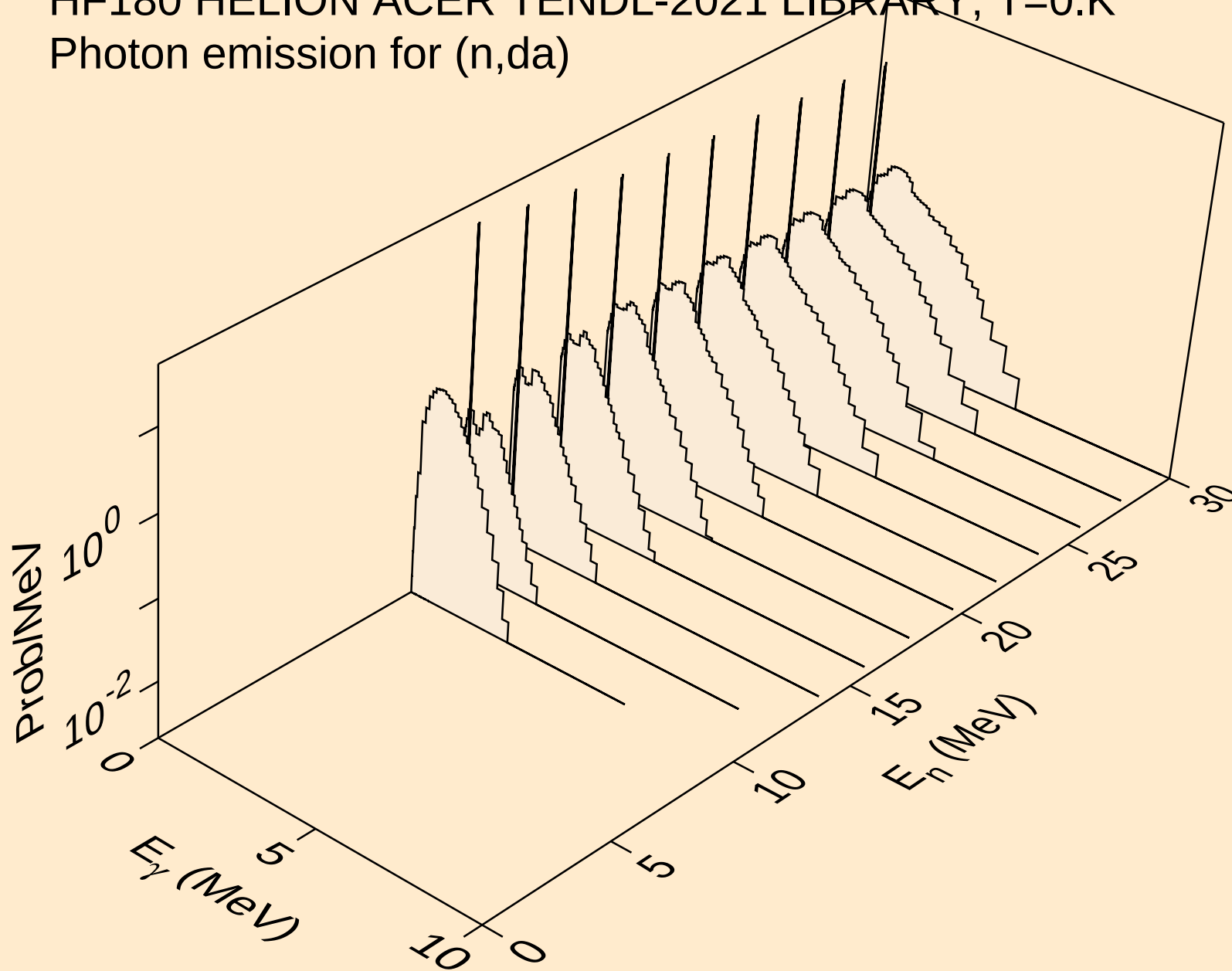
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pd)



HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pt)

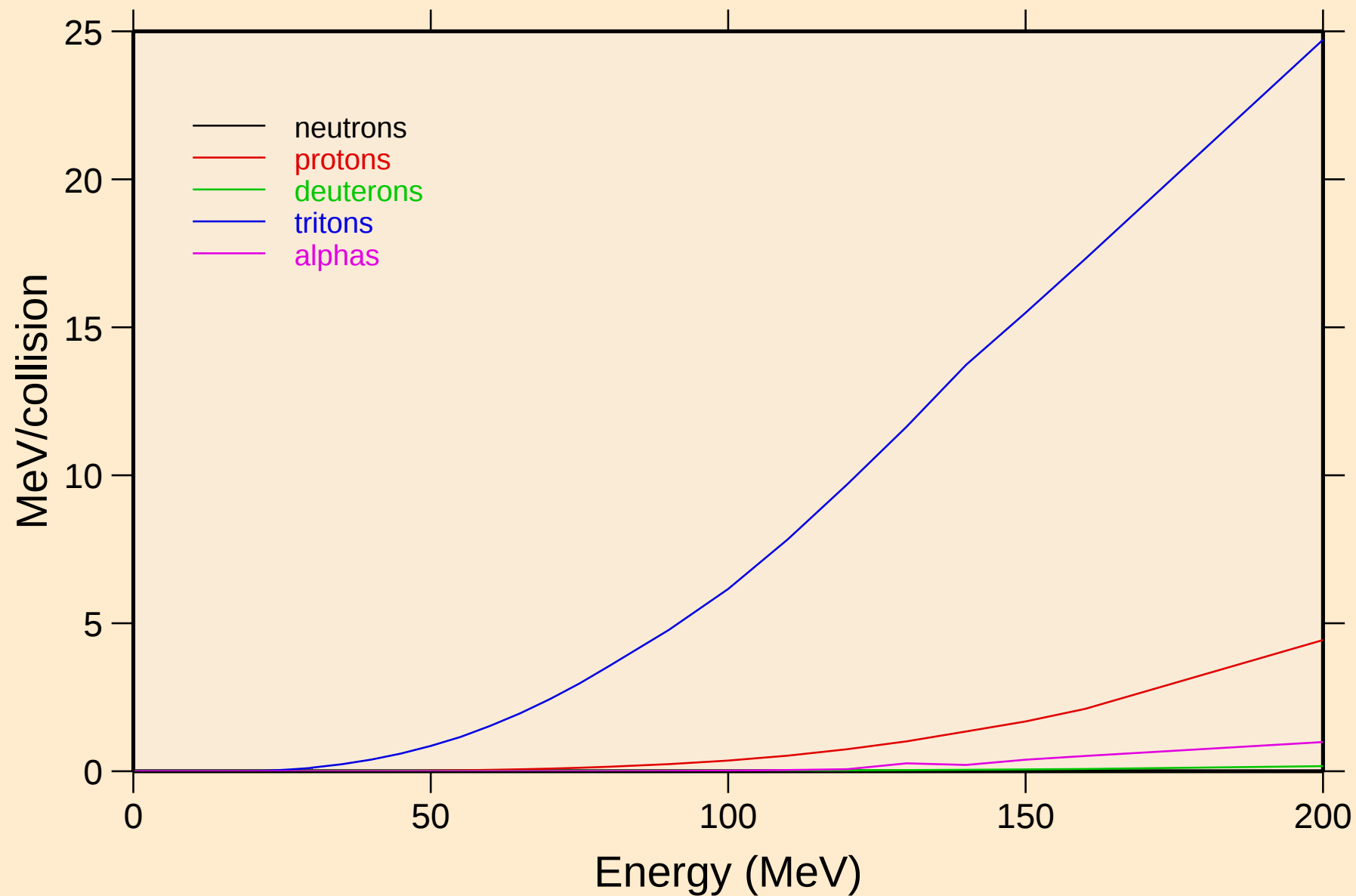


HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,da)



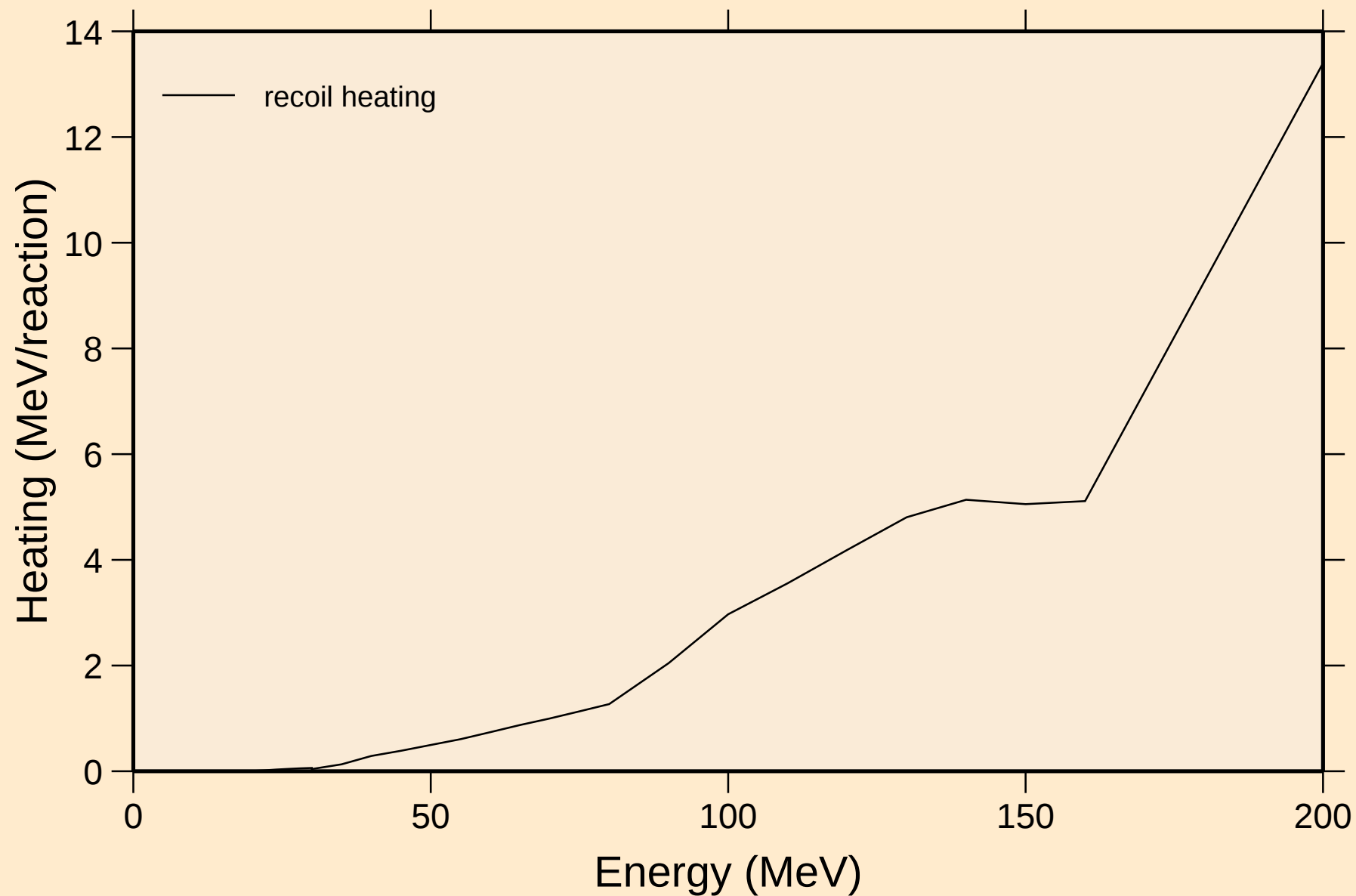
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K

Particle heating contributions



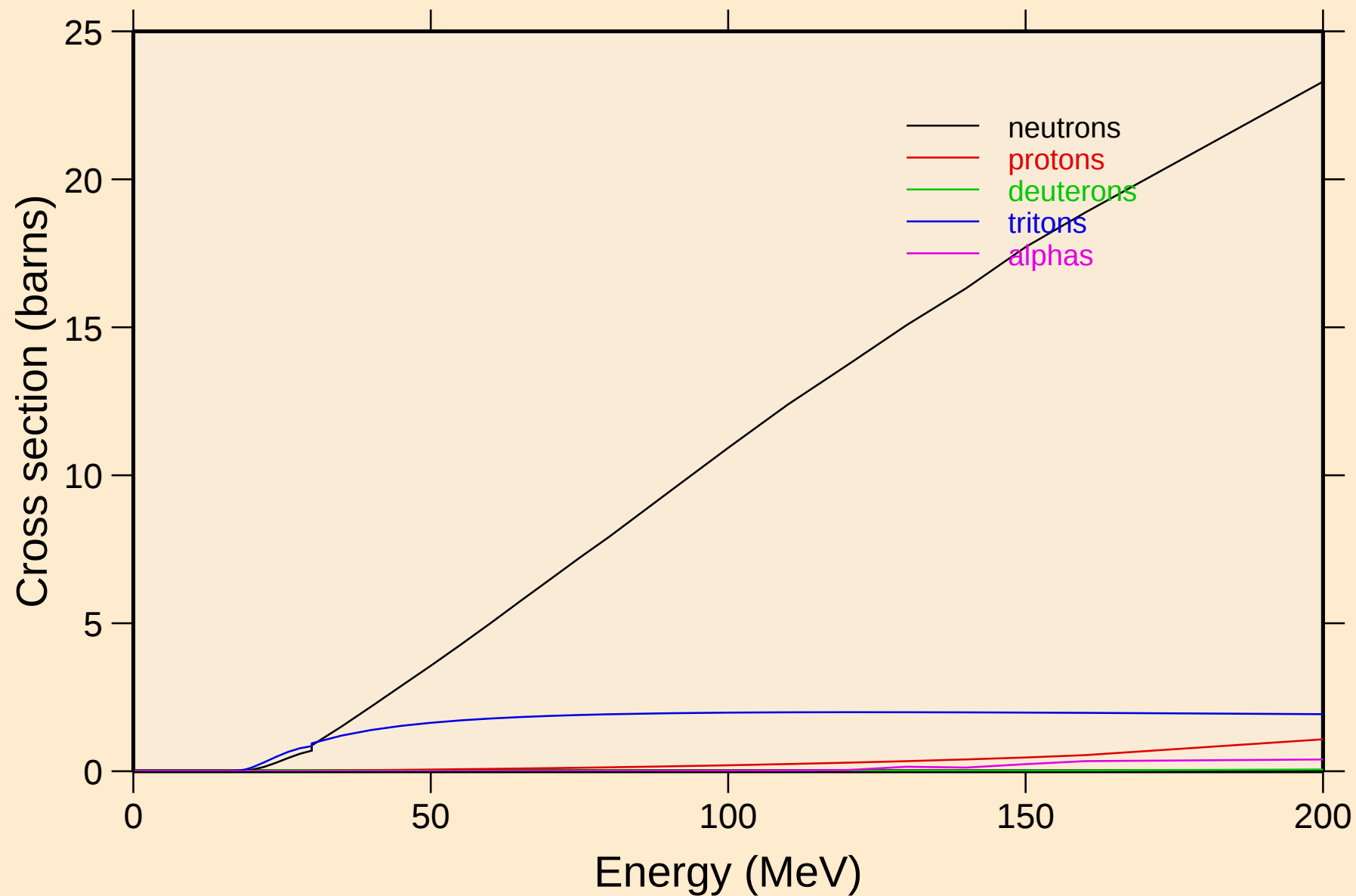
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

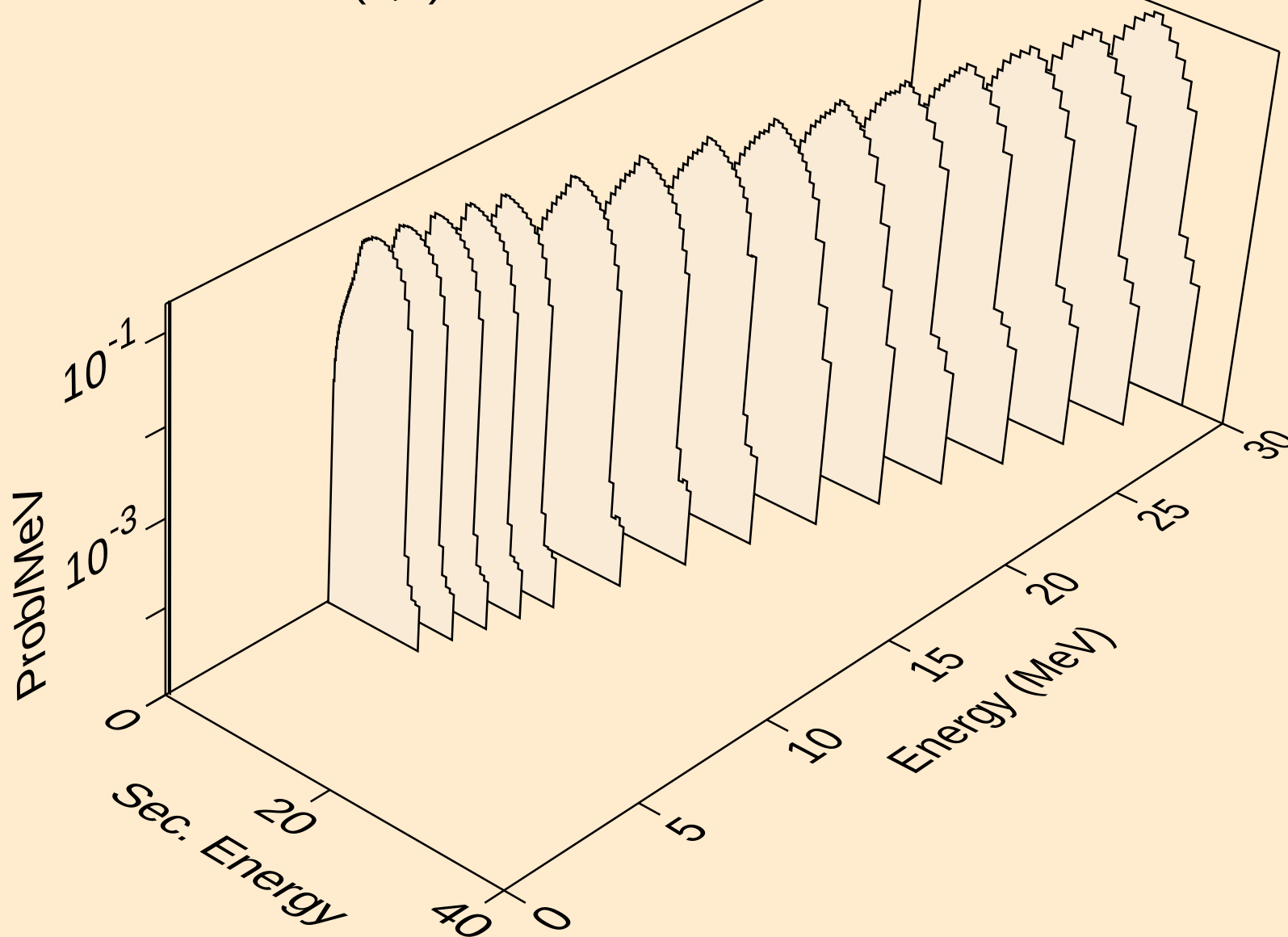


HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K

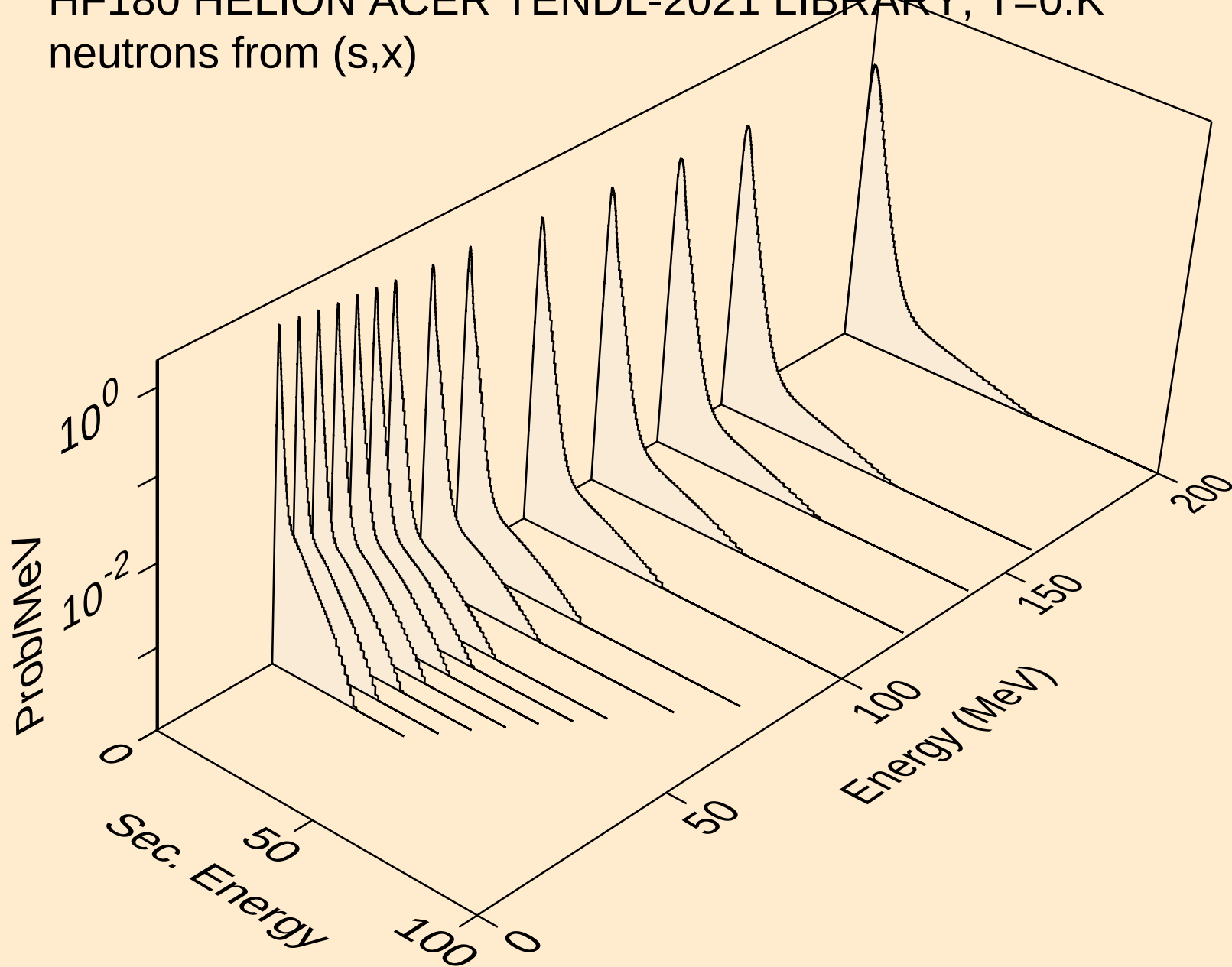
Particle production cross sections



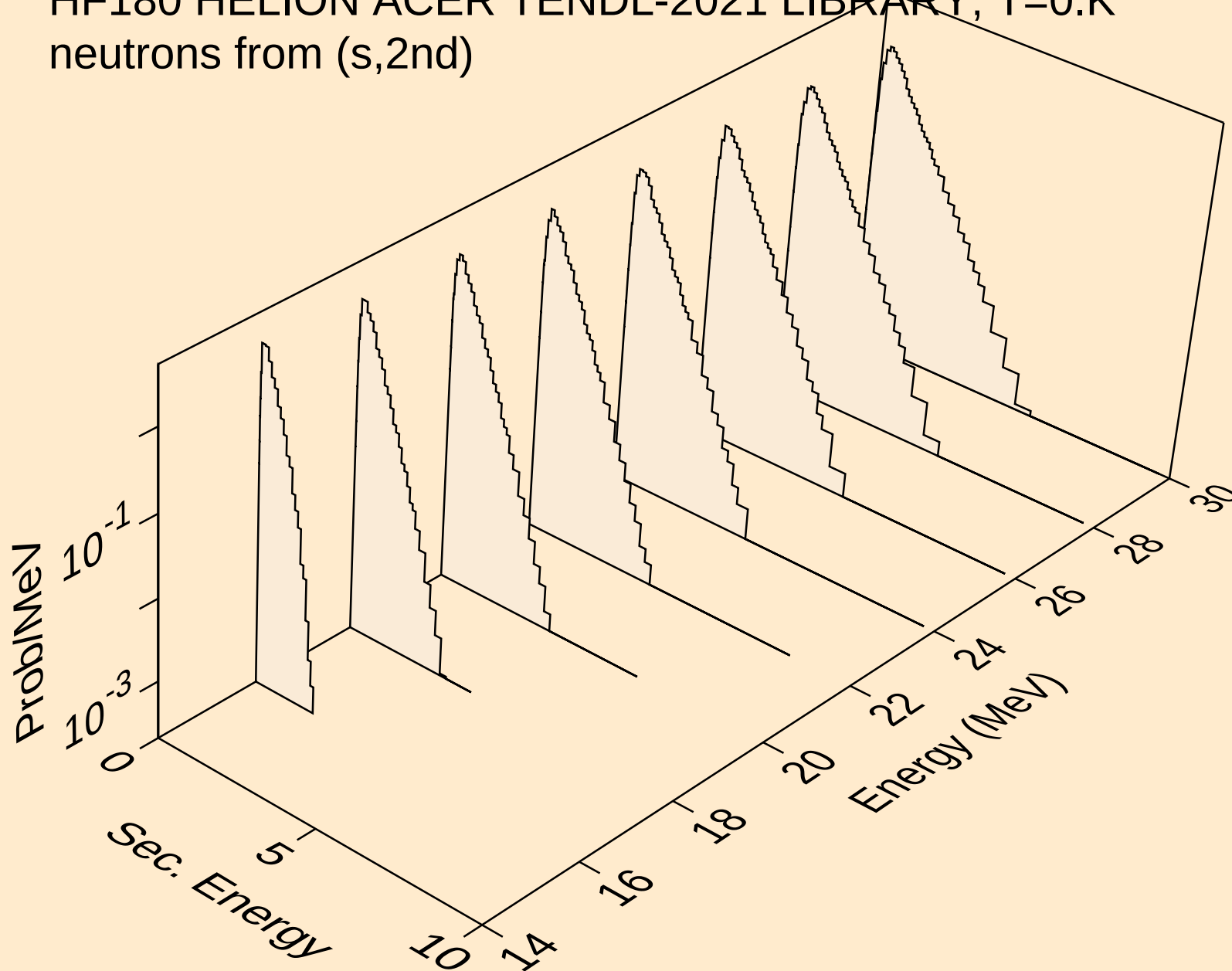
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,n)



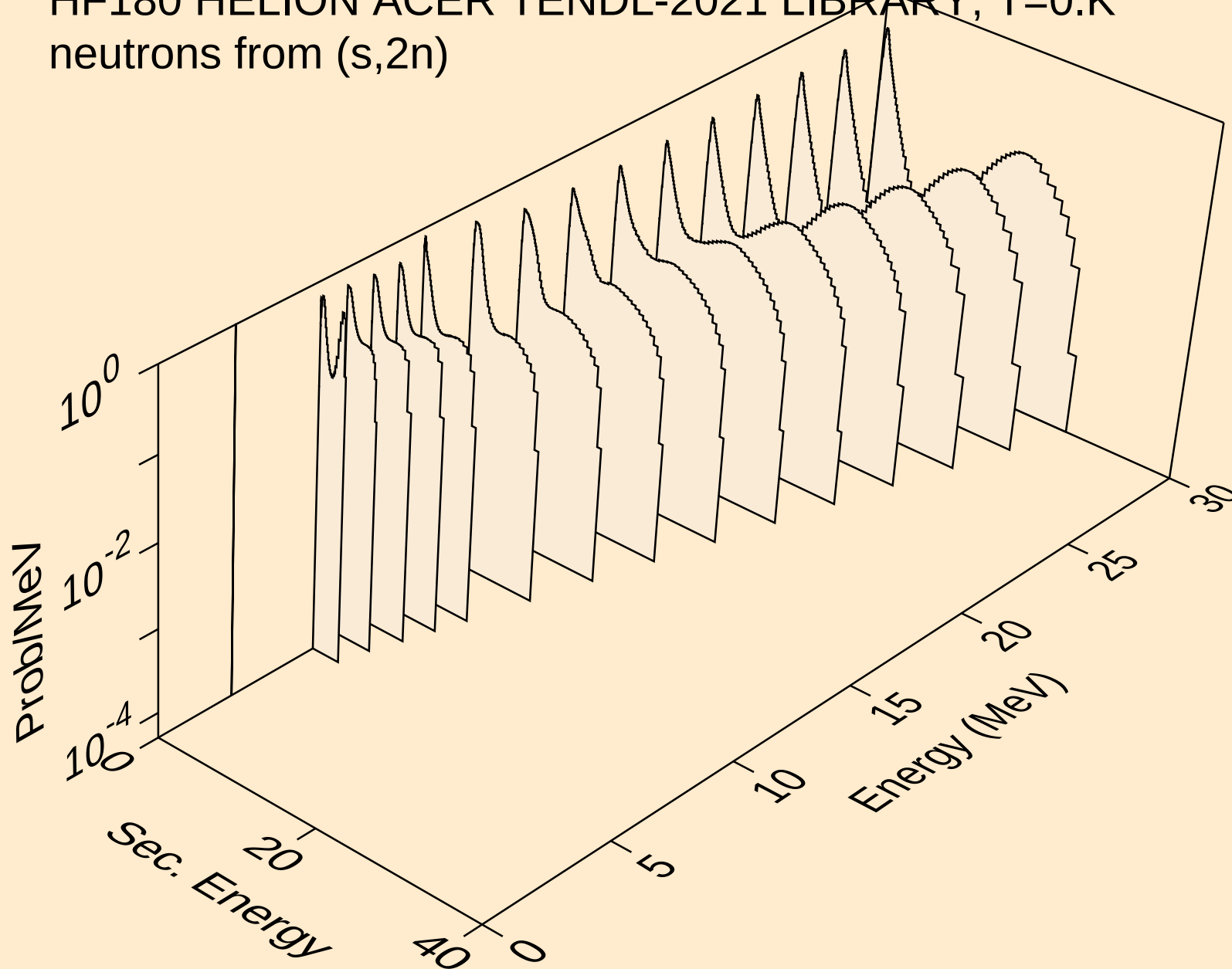
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,x)



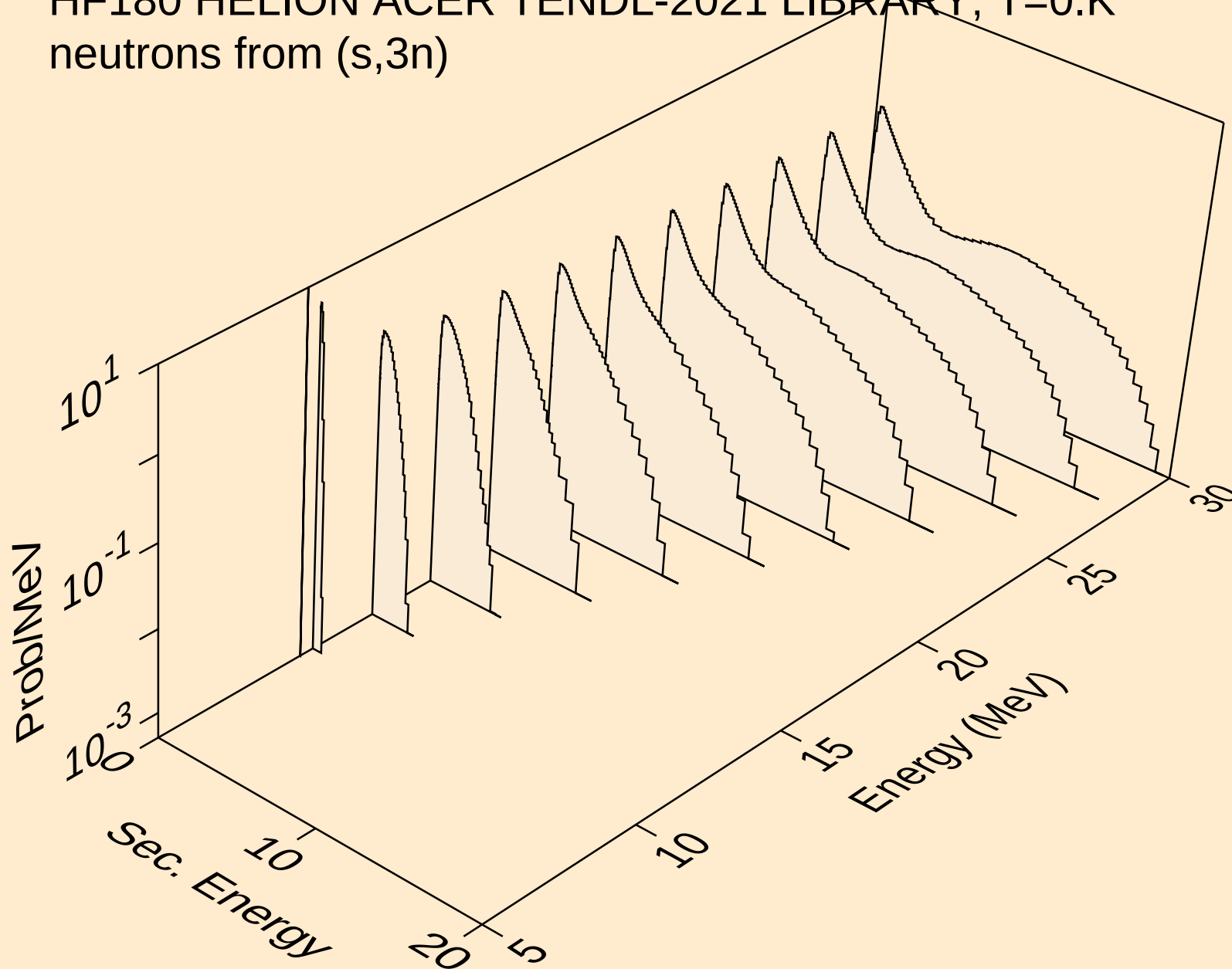
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neutrons from (s,2nd)



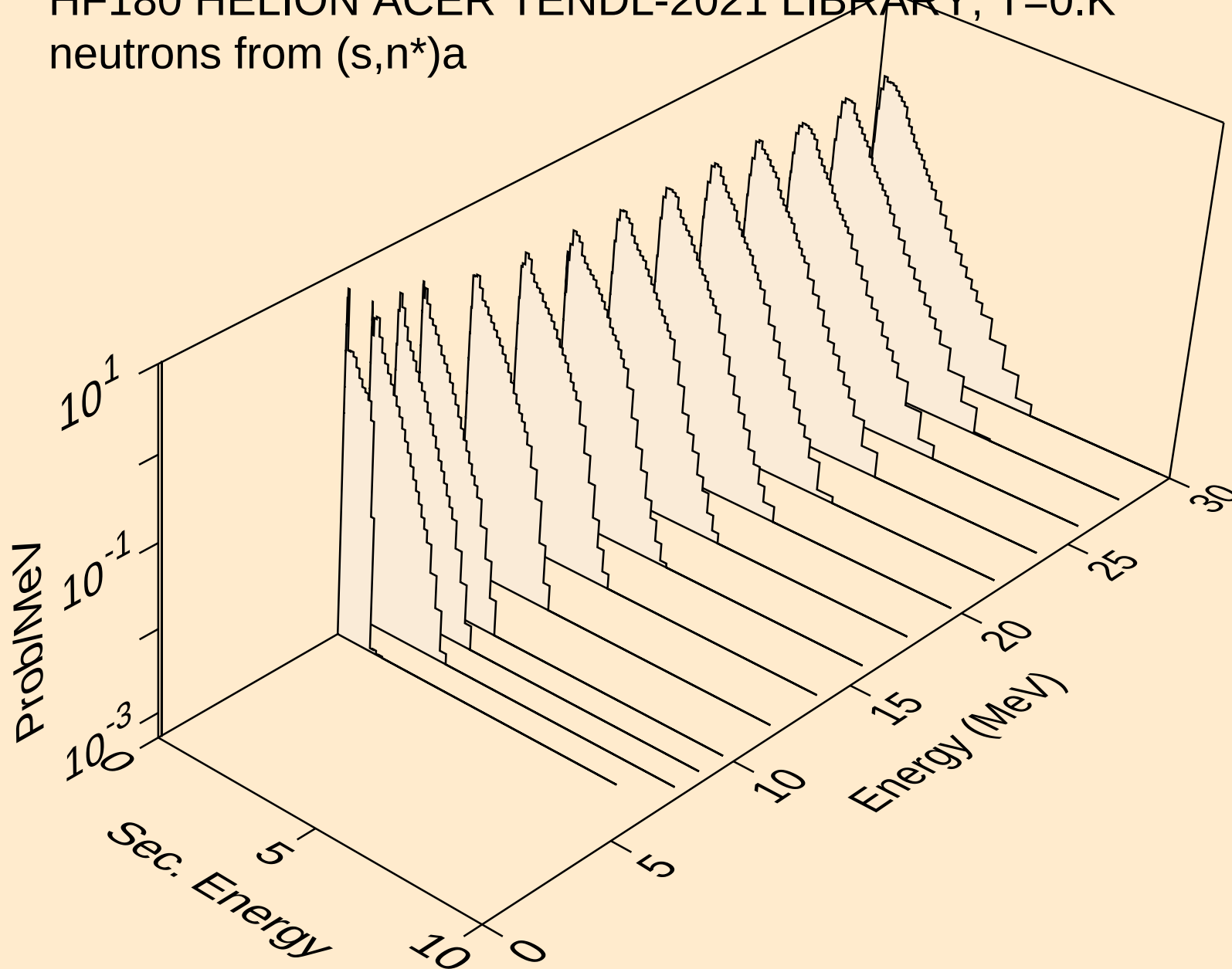
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,2n)



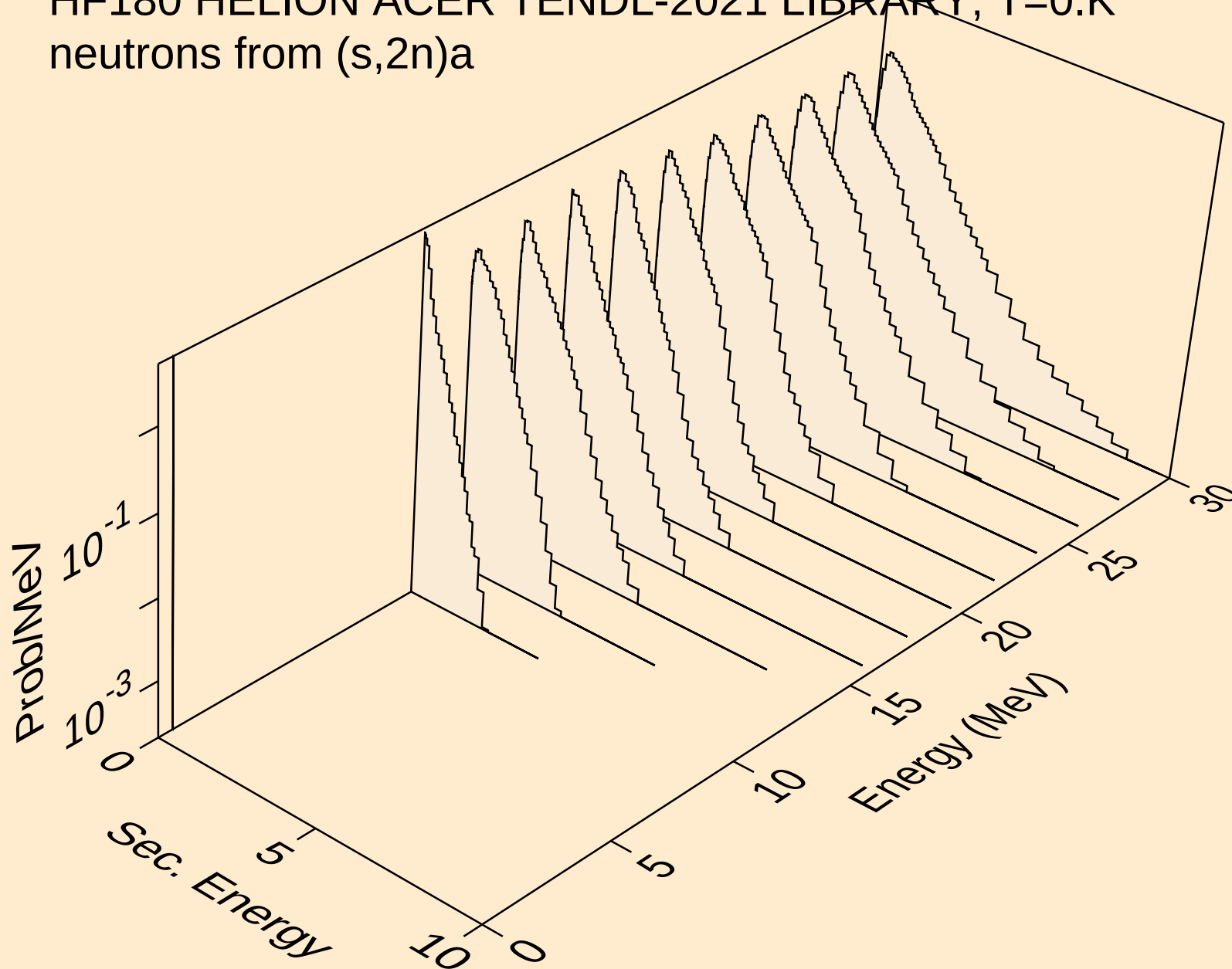
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,3n)



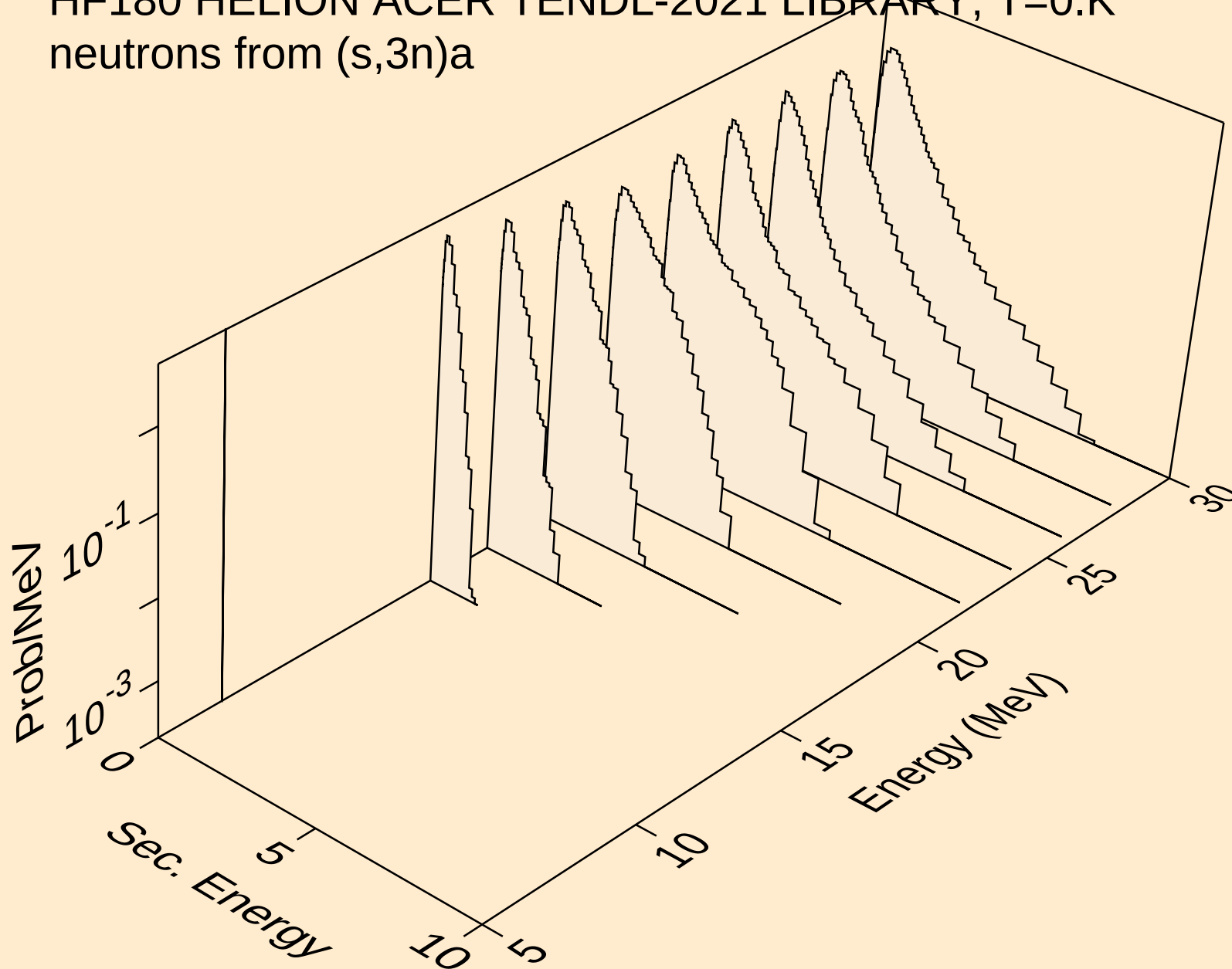
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,n*)a



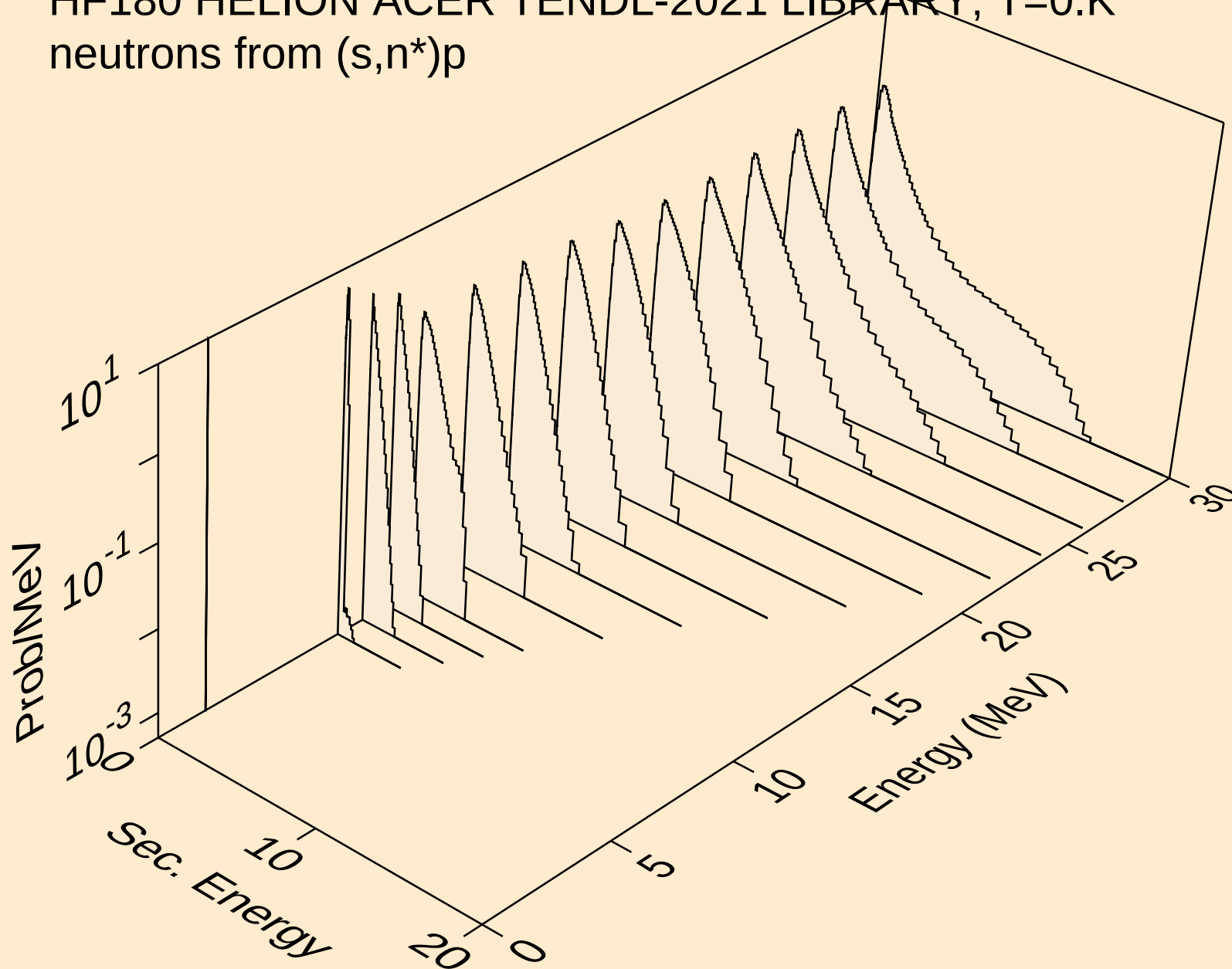
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,2n)a



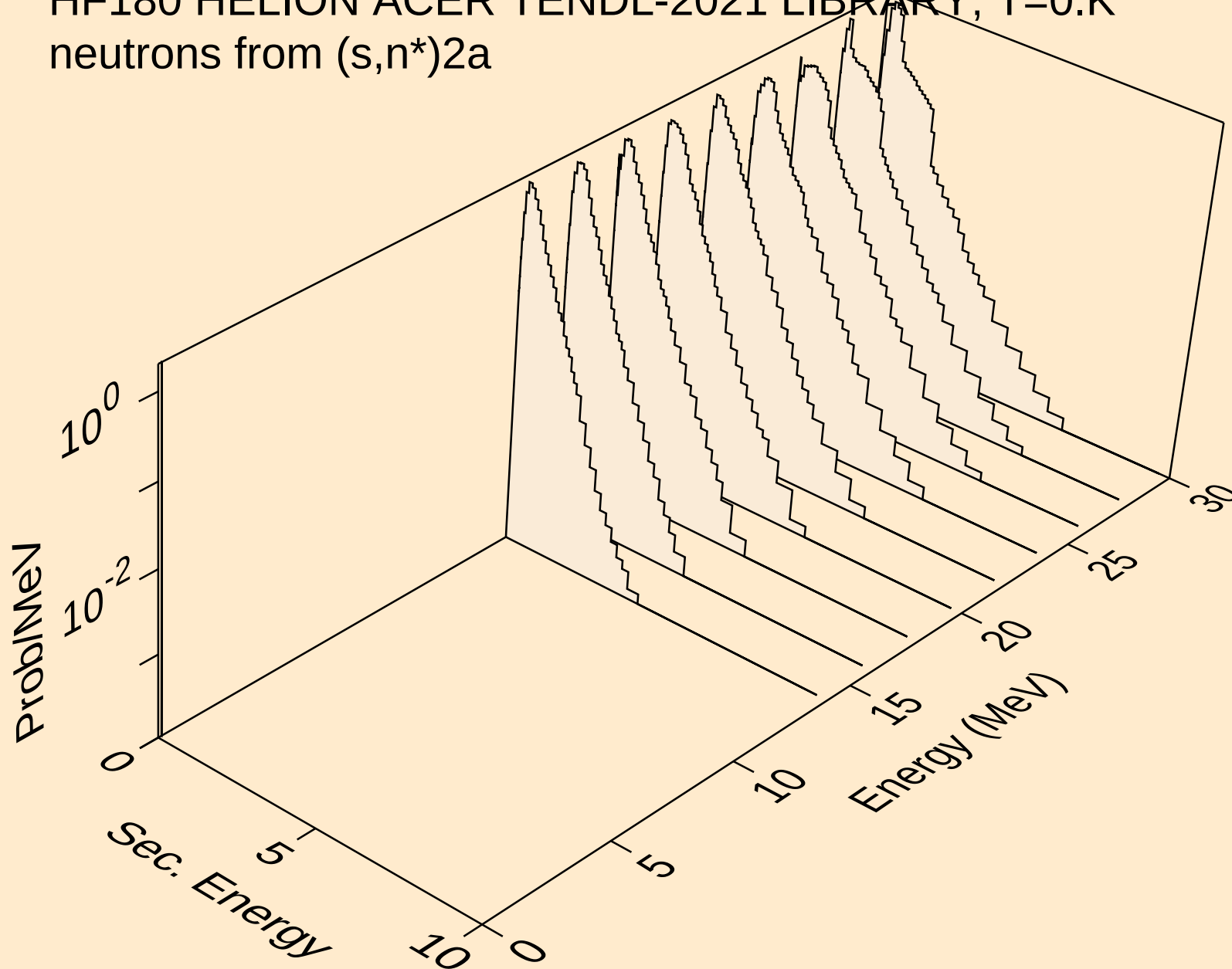
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,3n)a



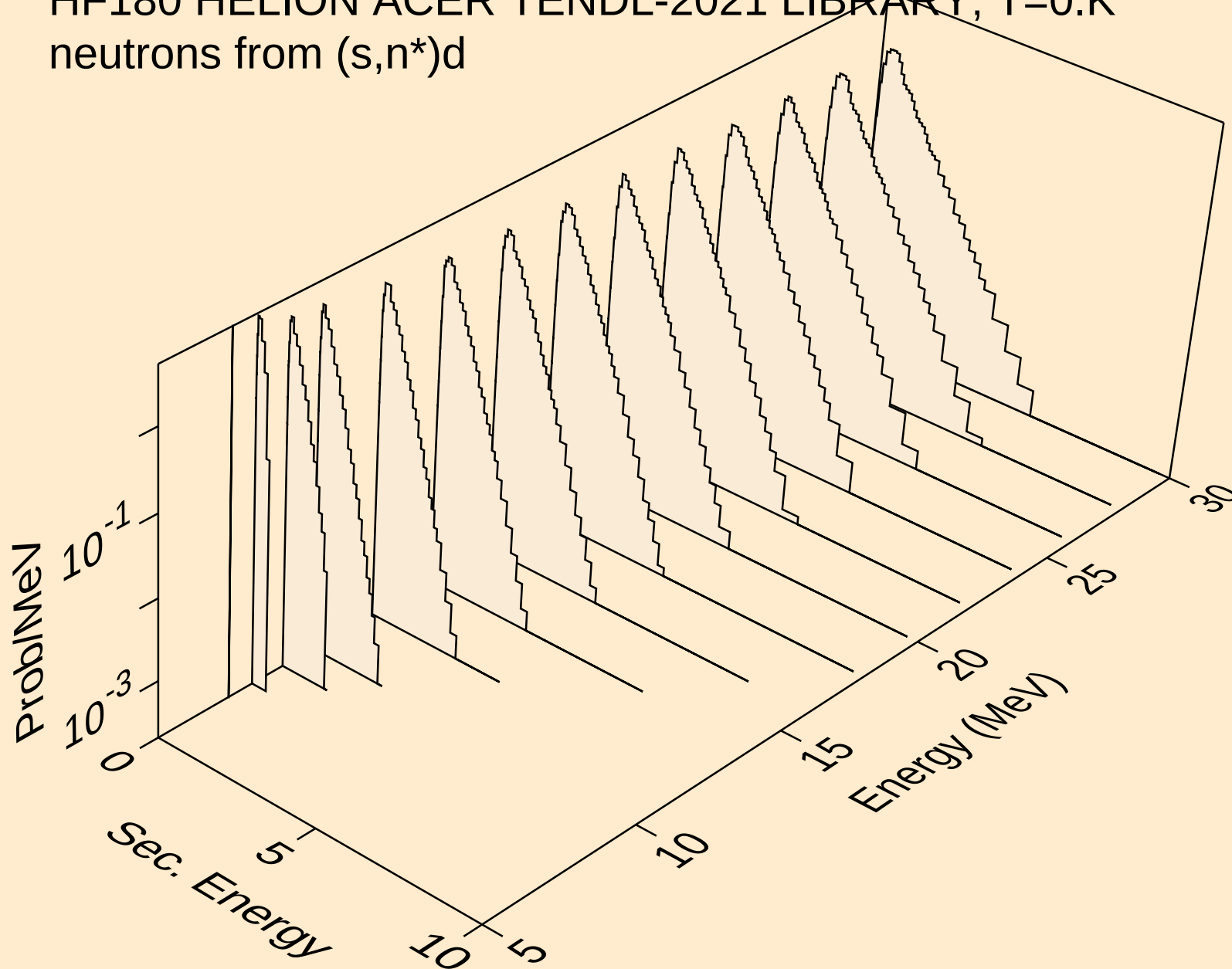
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,n*)p



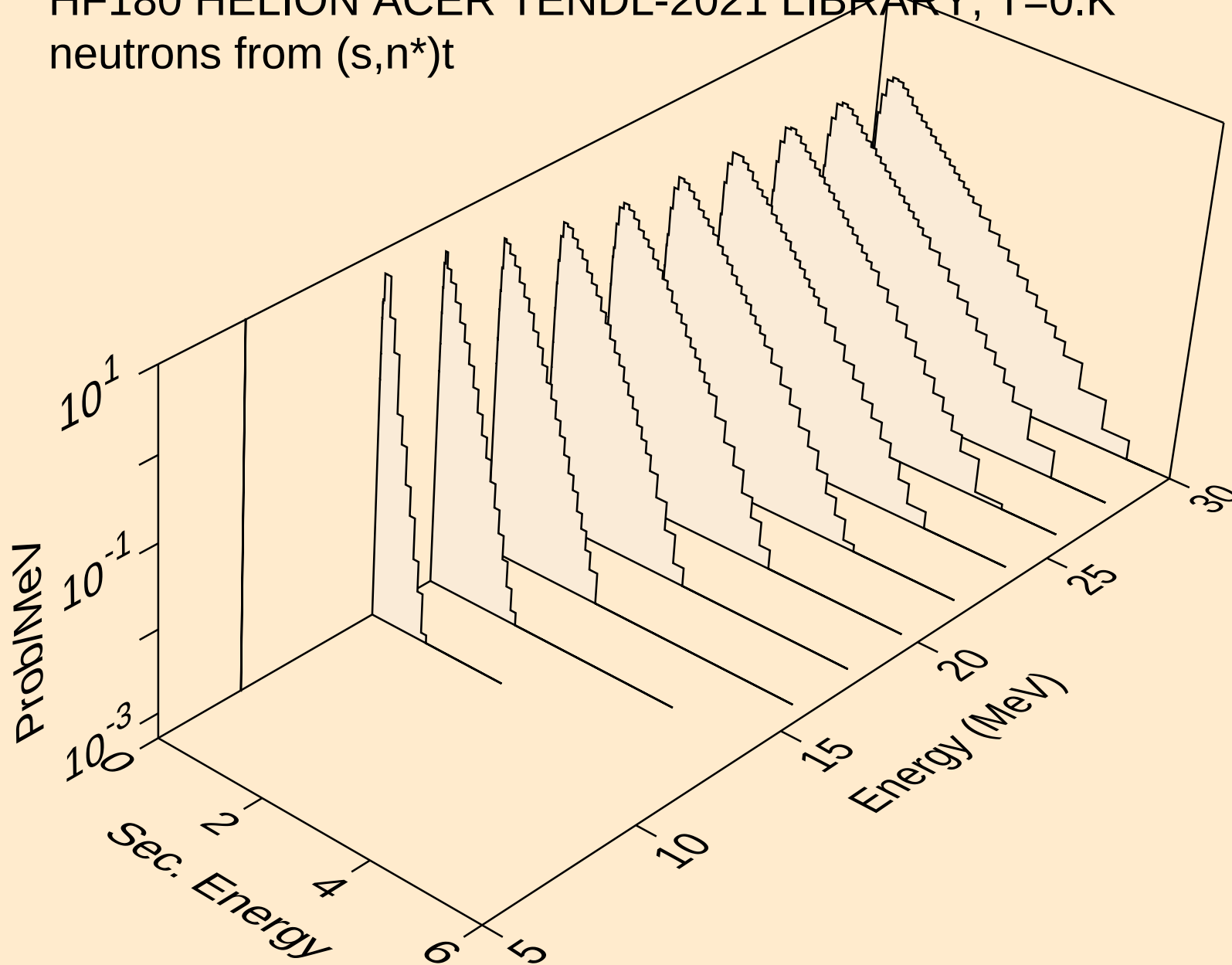
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neutrons from (s,n*)2a



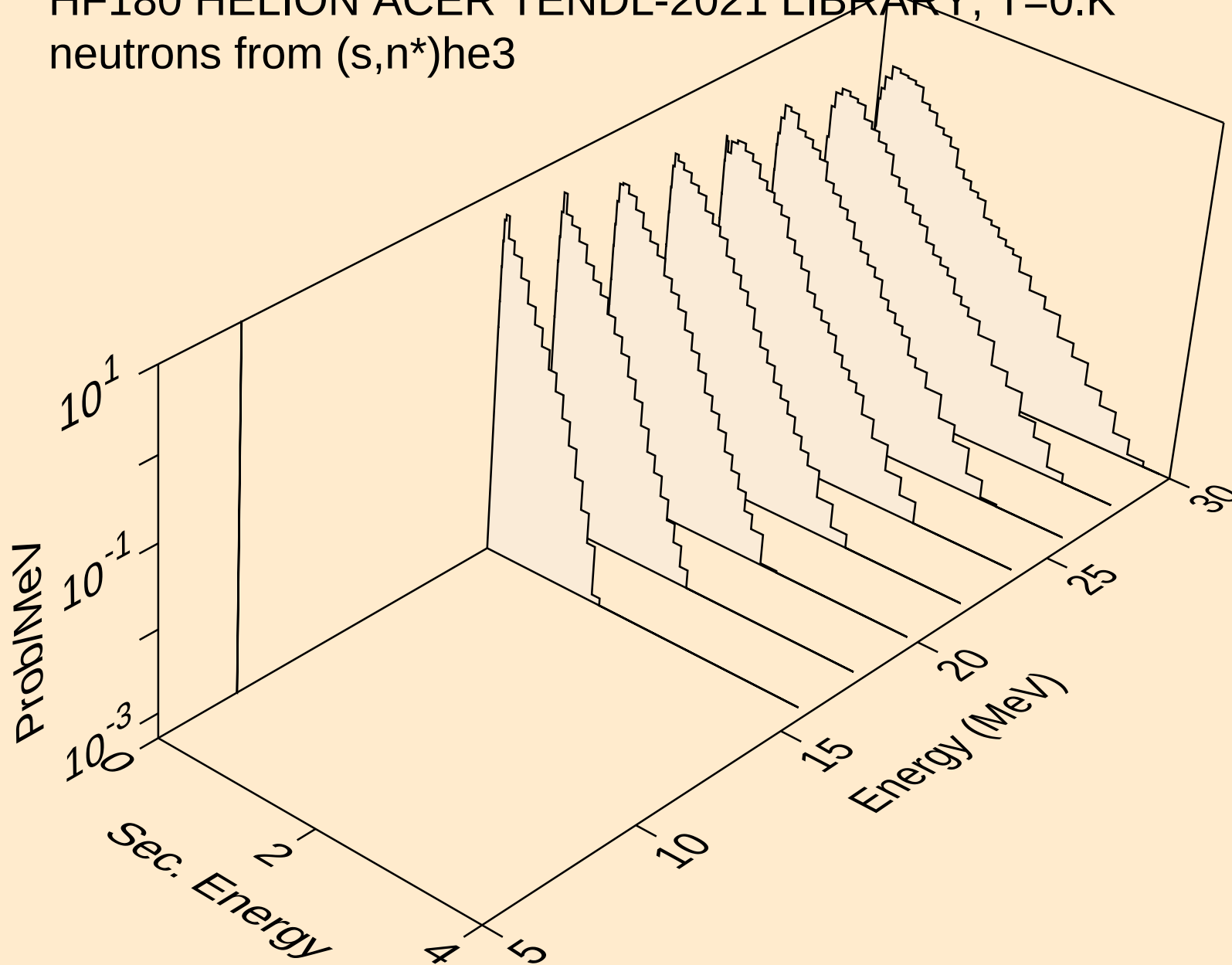
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neutrons from (s,n*)d



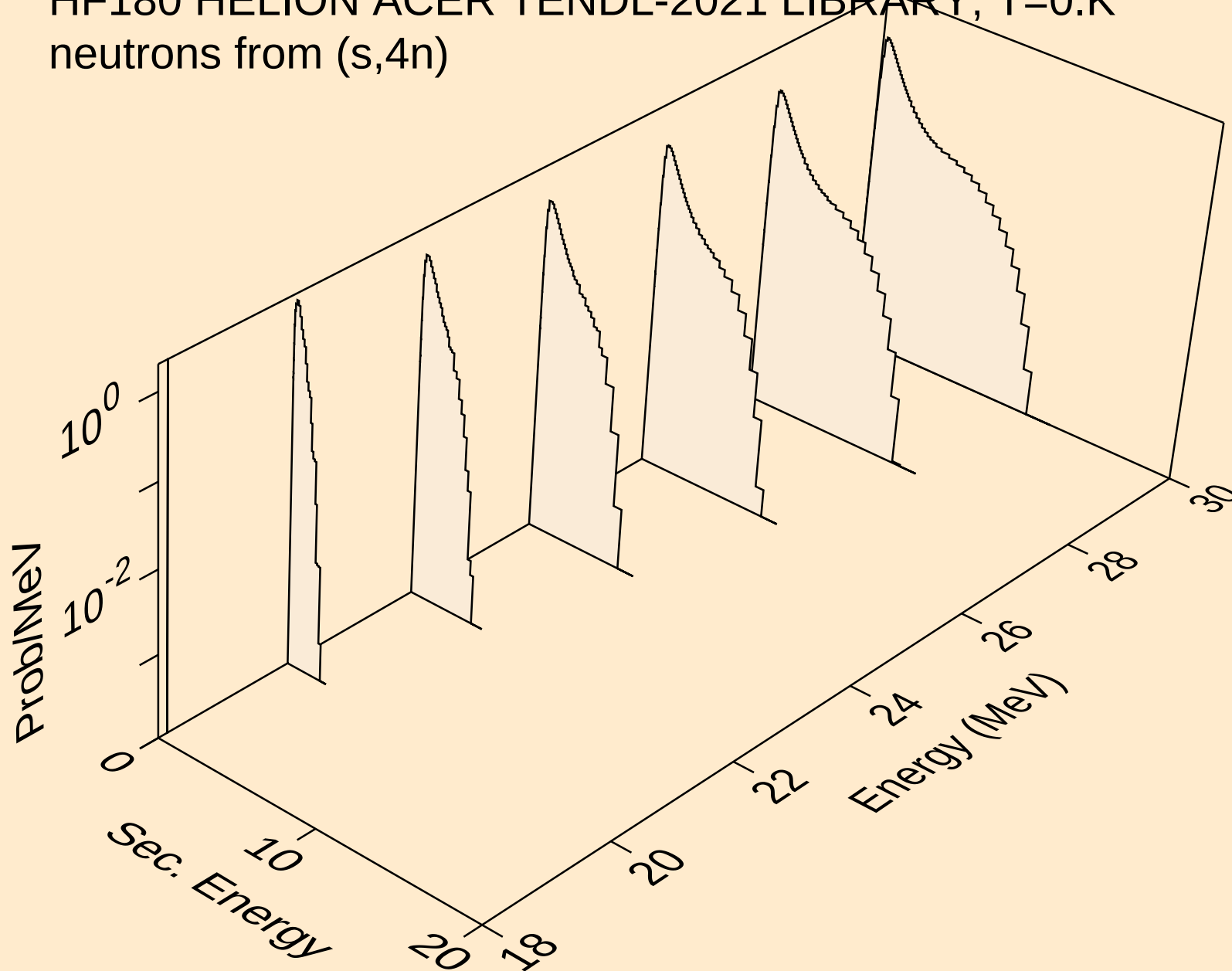
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neutrons from (s,n*)t



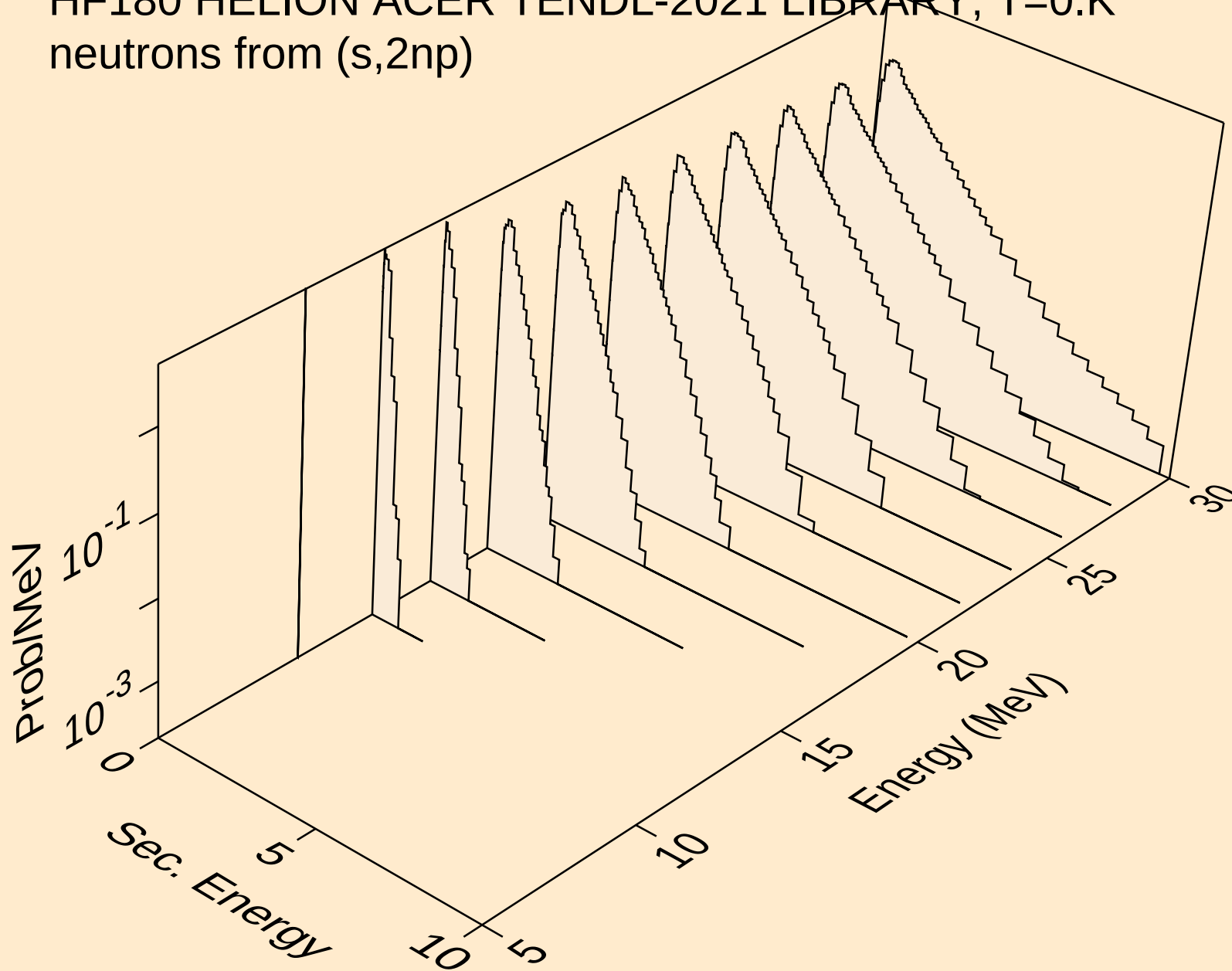
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,n*)he3



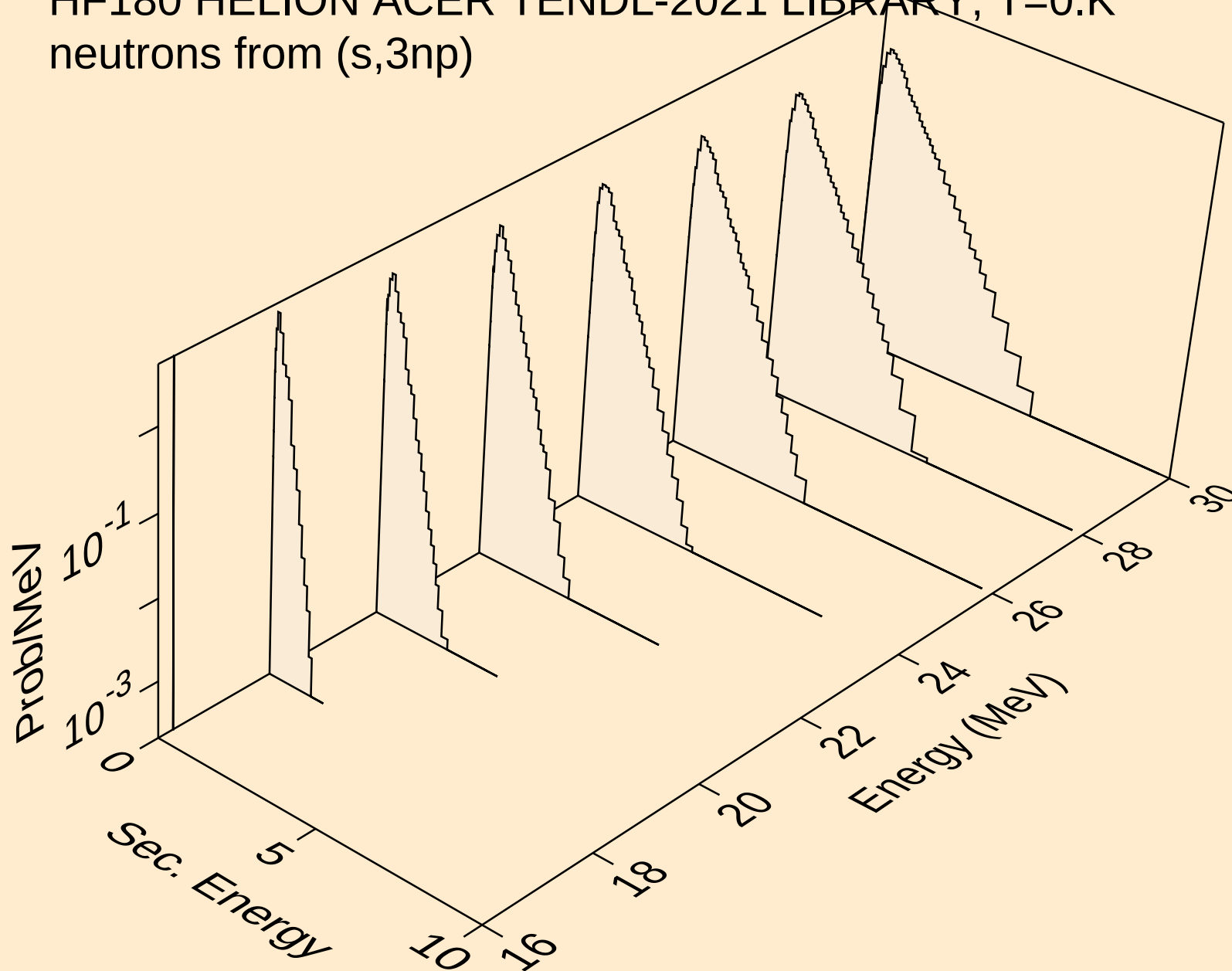
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,4n)



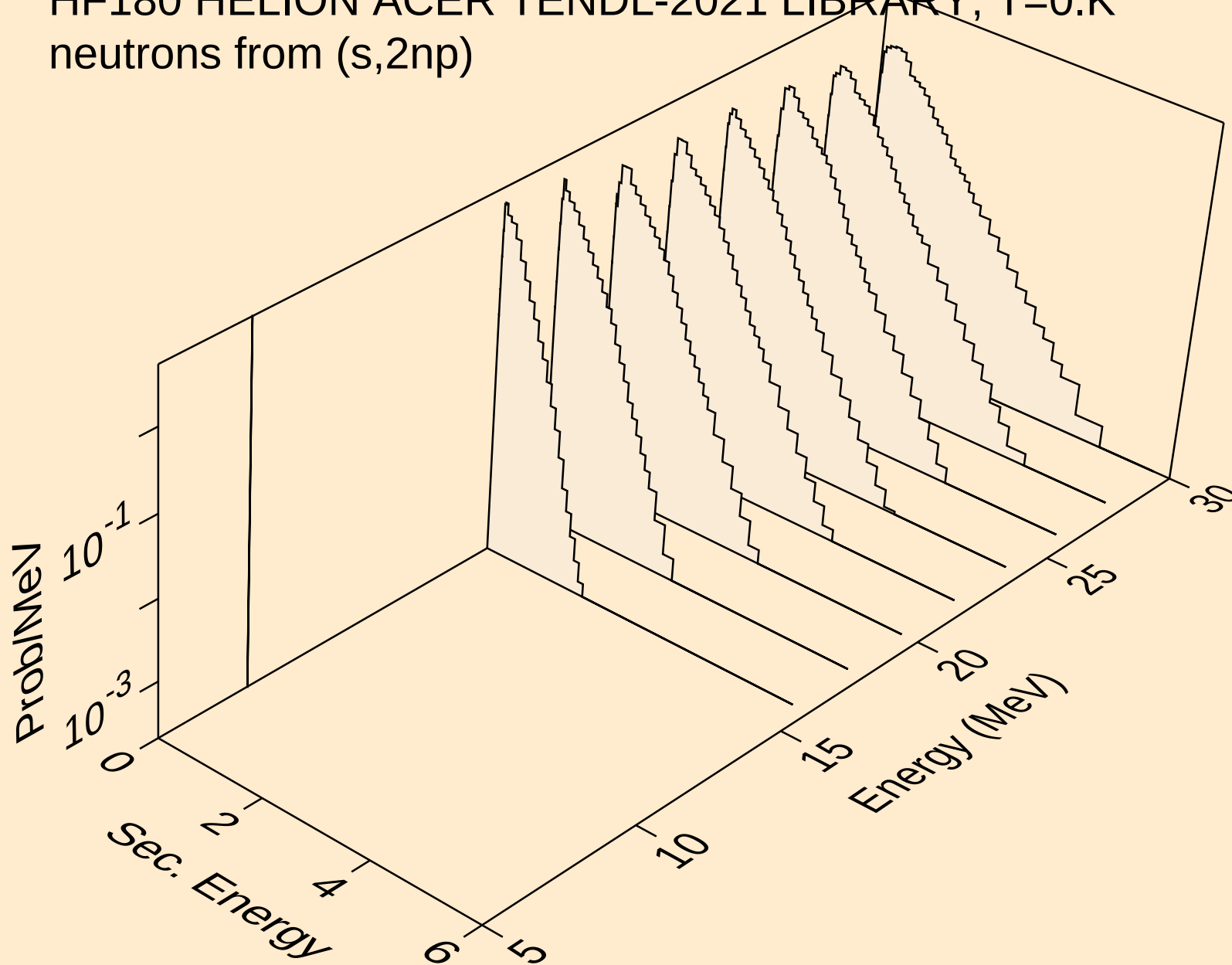
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neutrons from (s,2np)



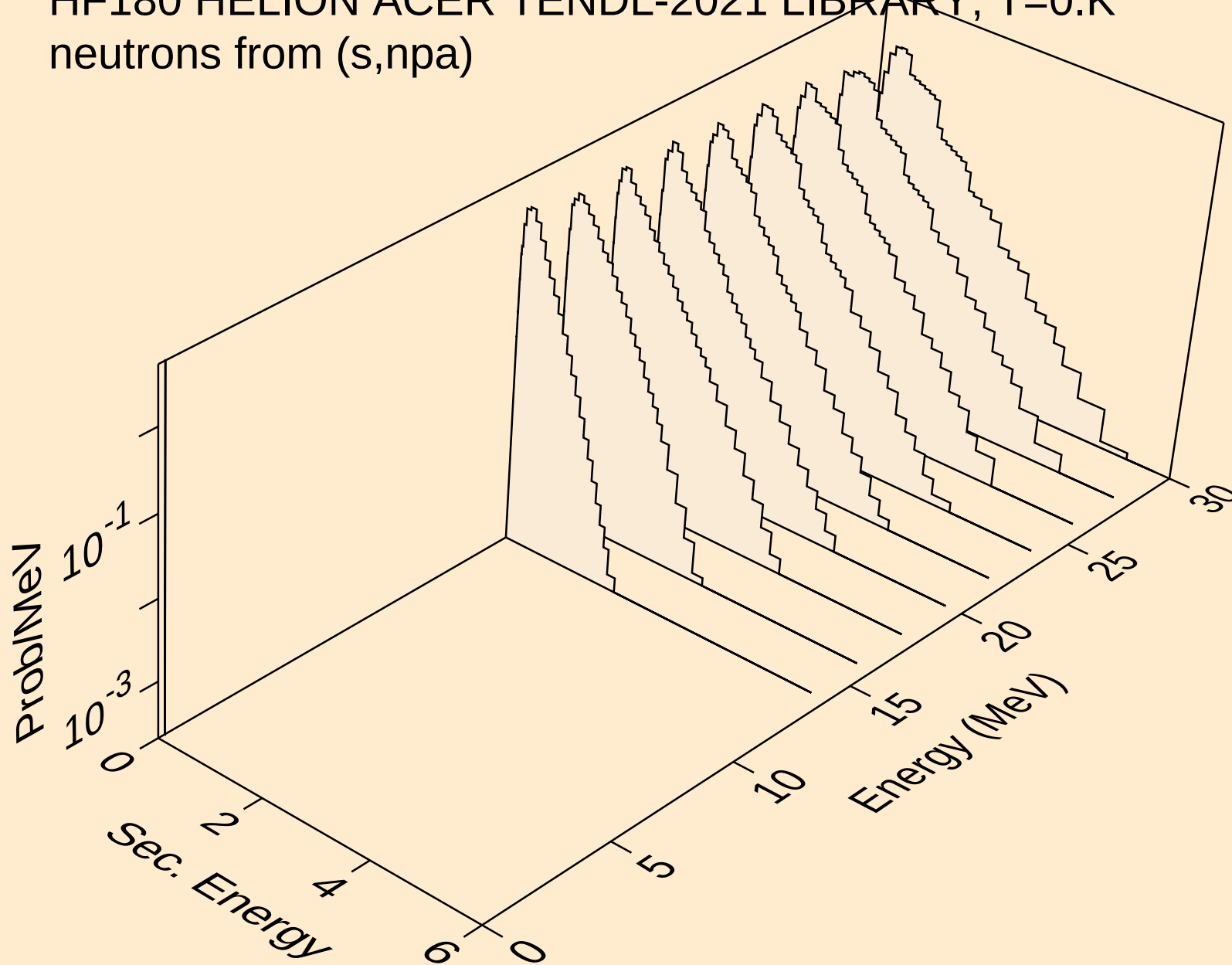
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neutrons from (s,3np)



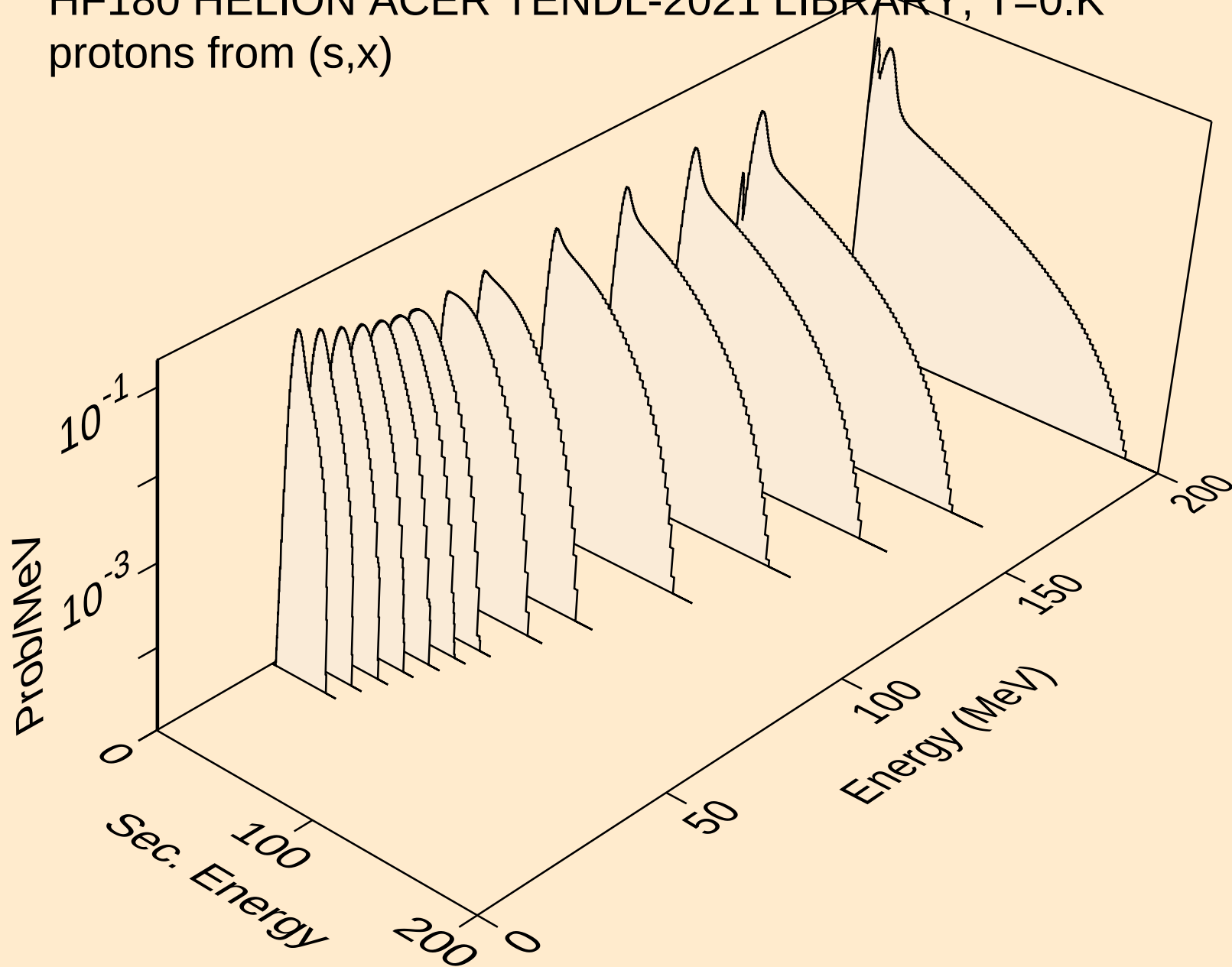
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neutrons from (s,2np)



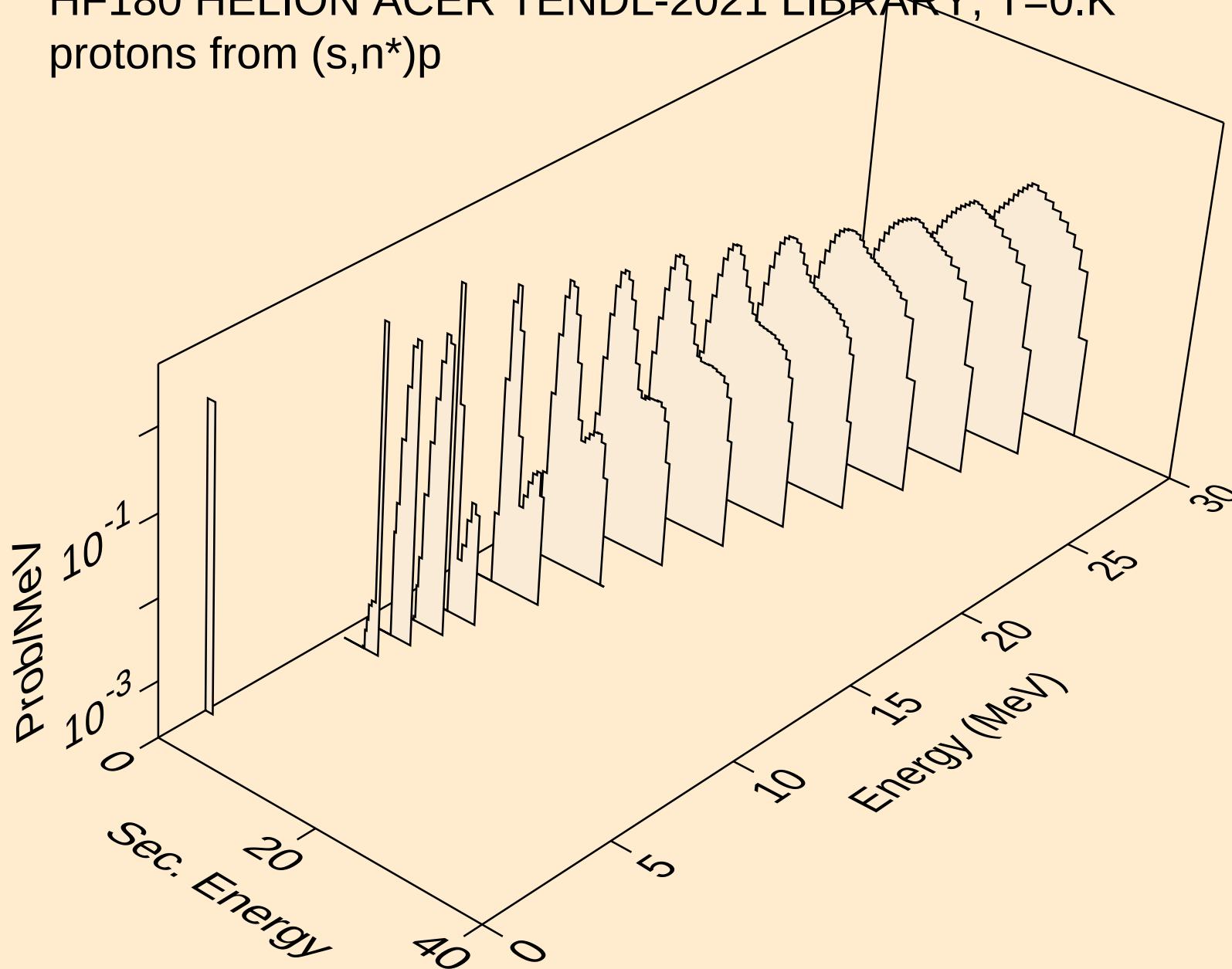
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,npa)



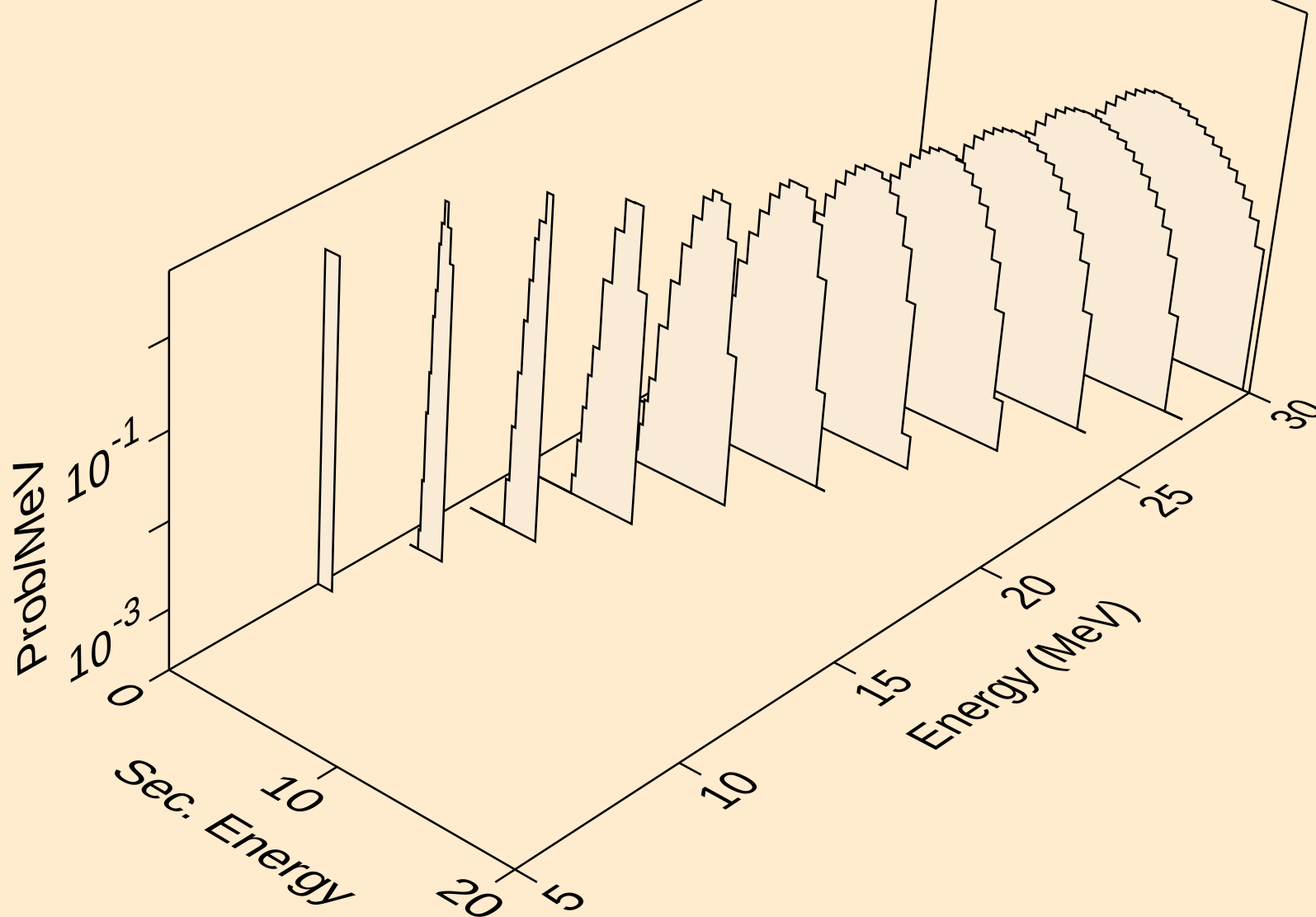
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protons from (s,x)



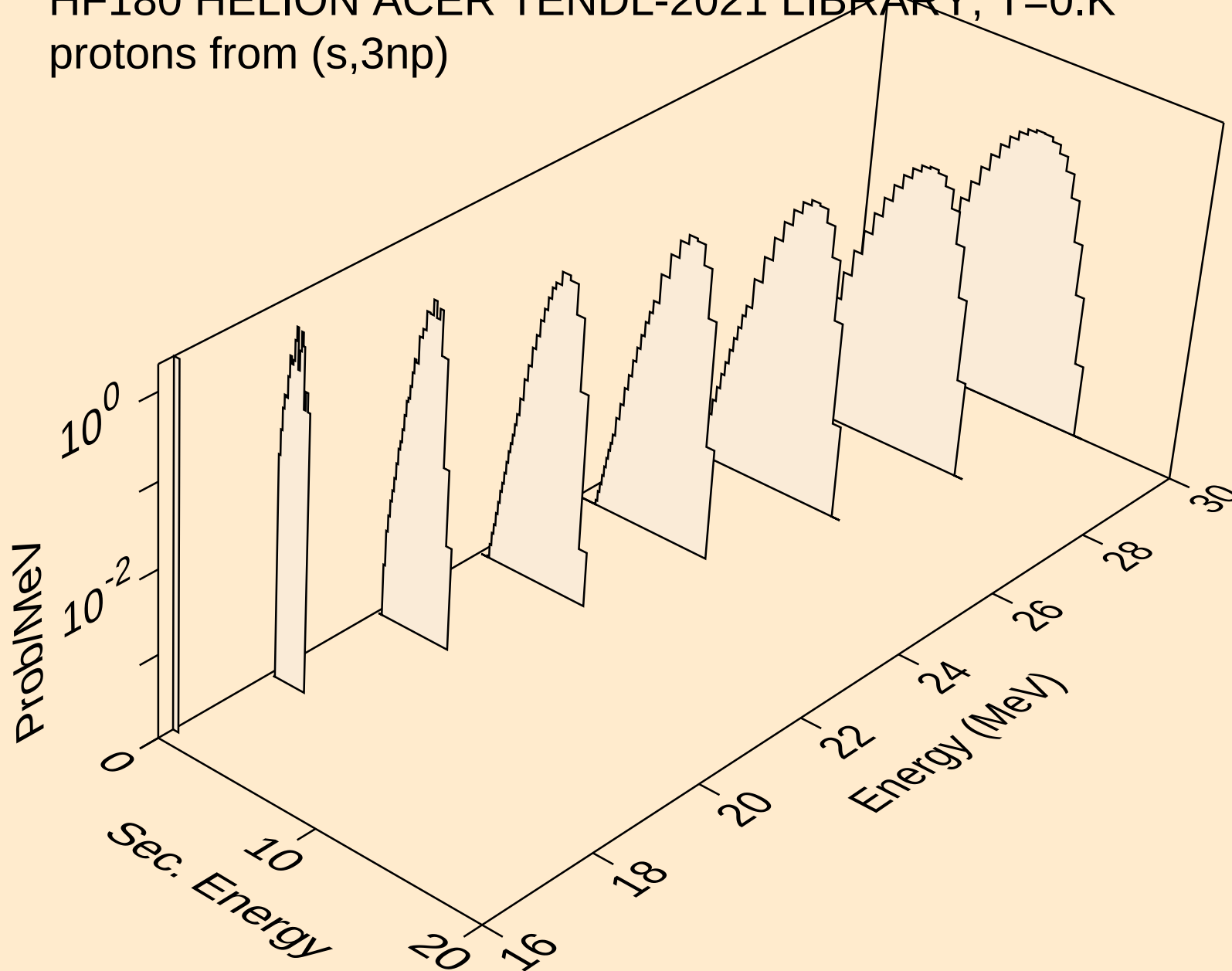
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protons from (s,n*)p



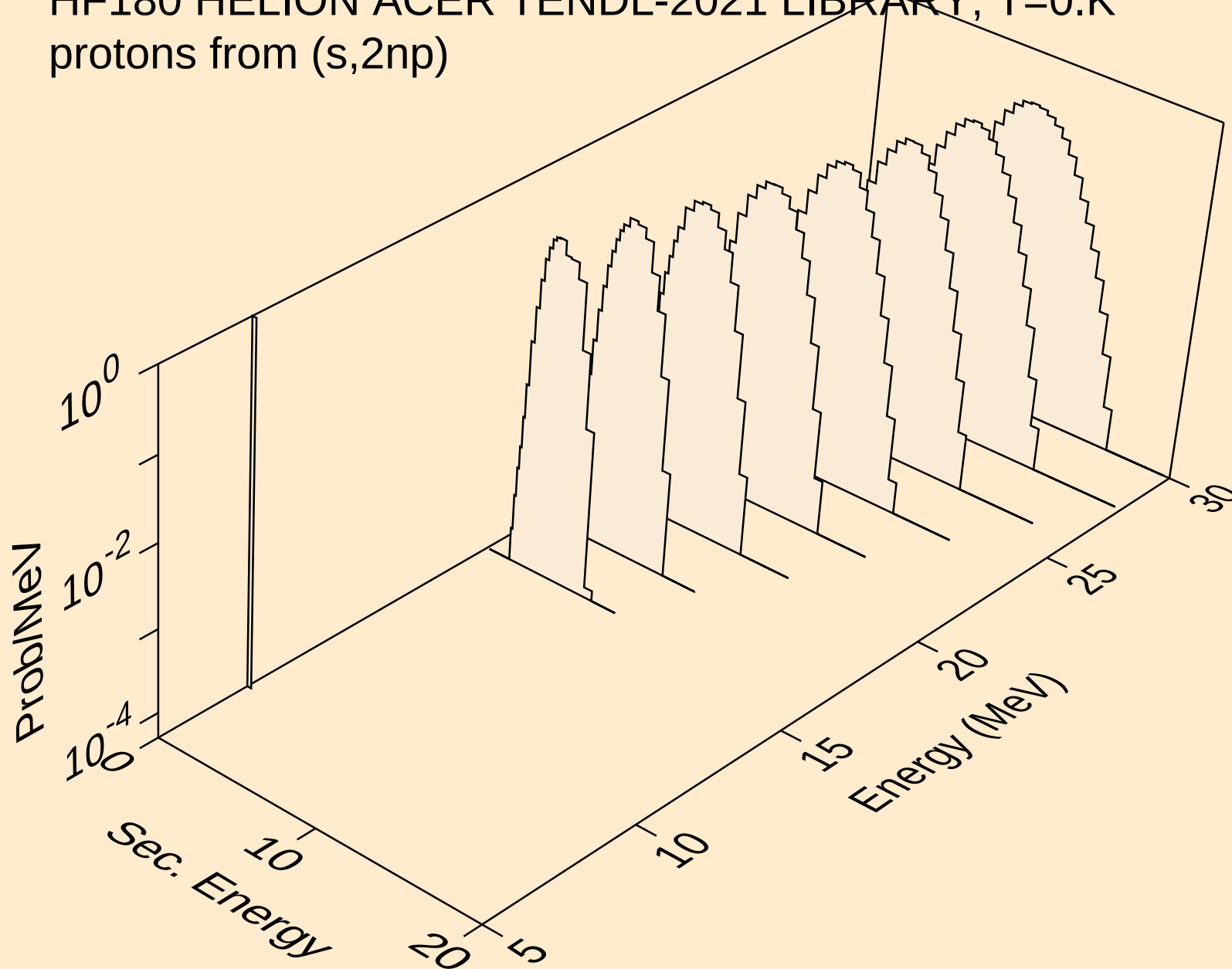
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protons from (s,2np)



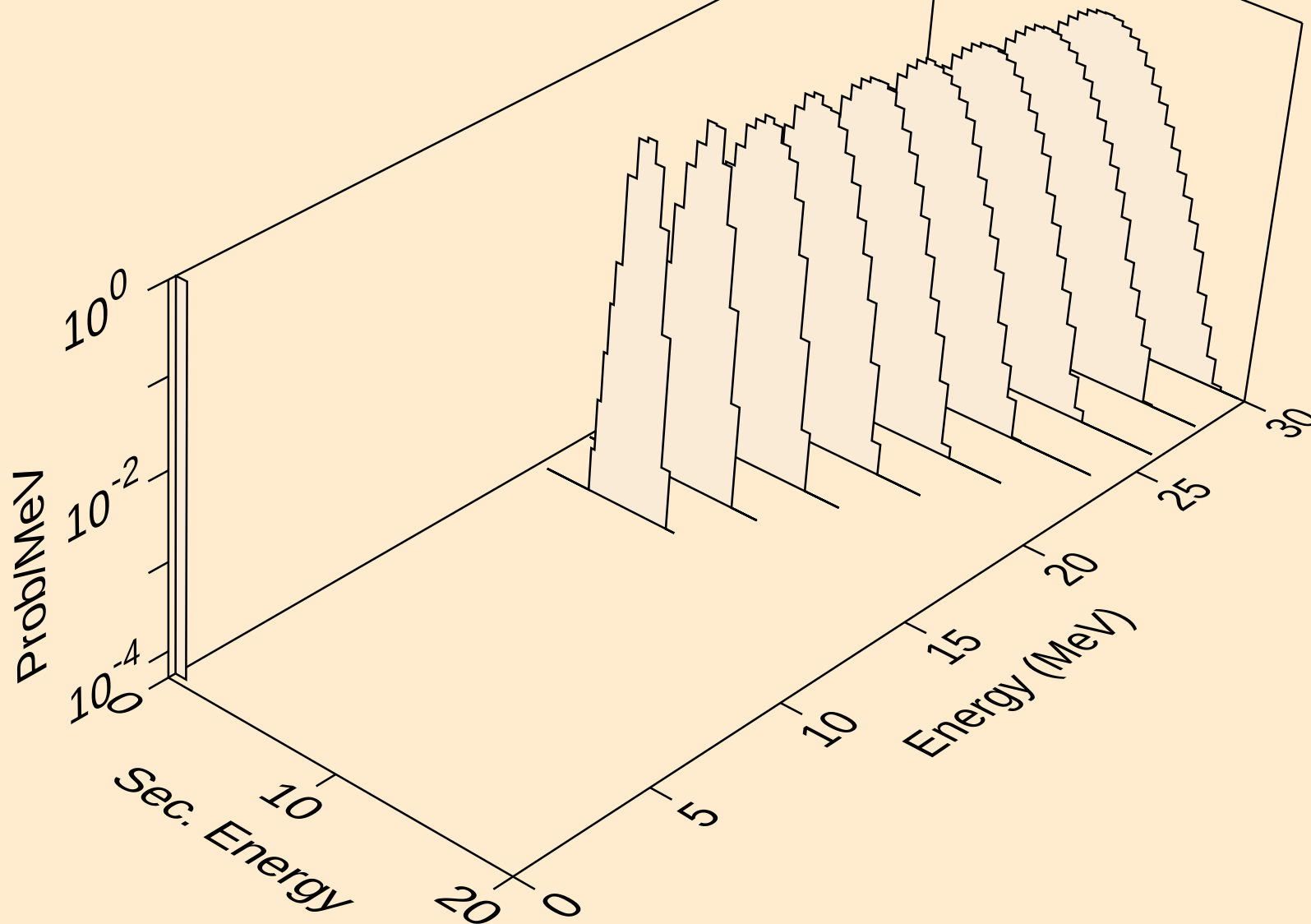
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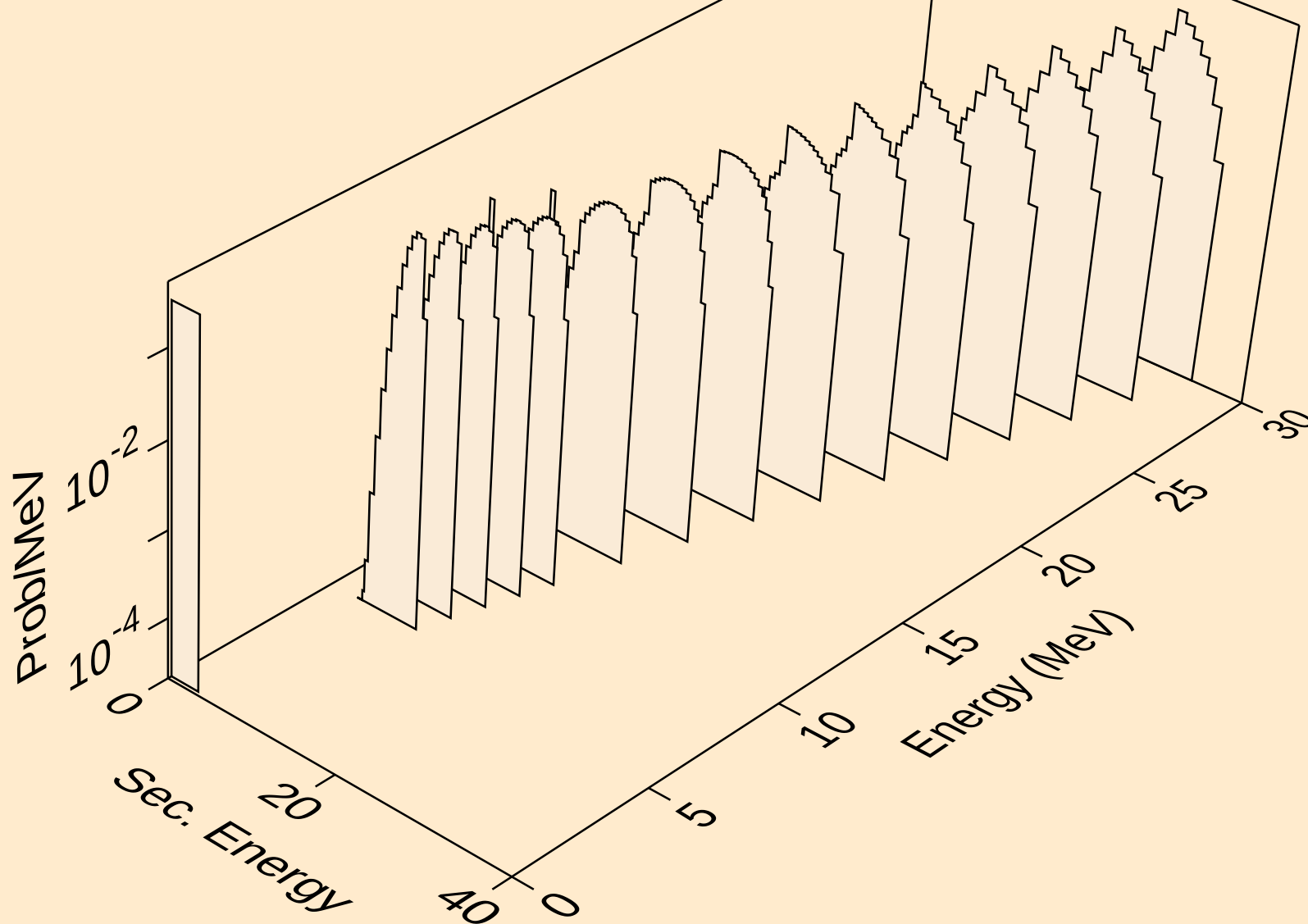
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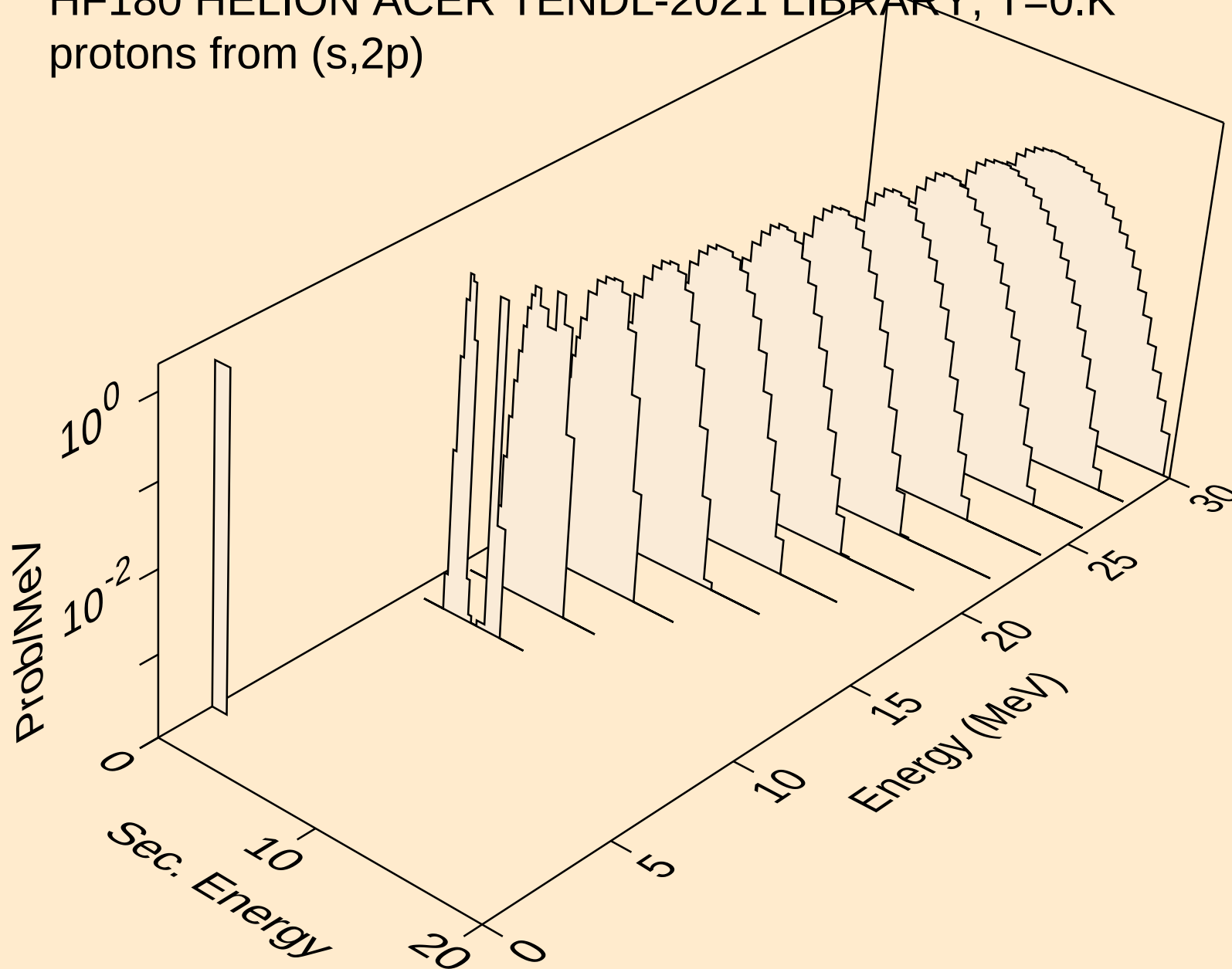
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protons from (s,npa)



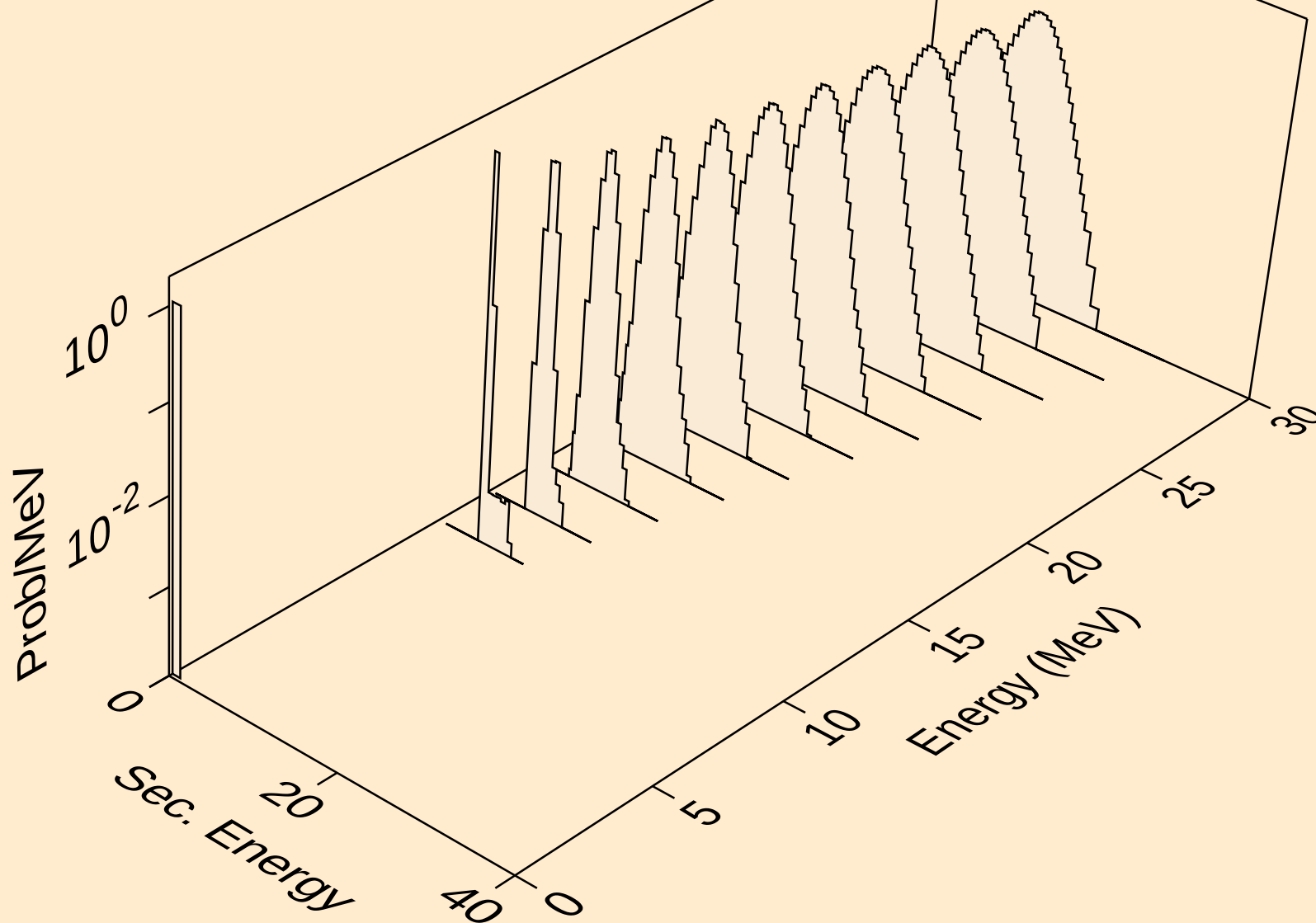
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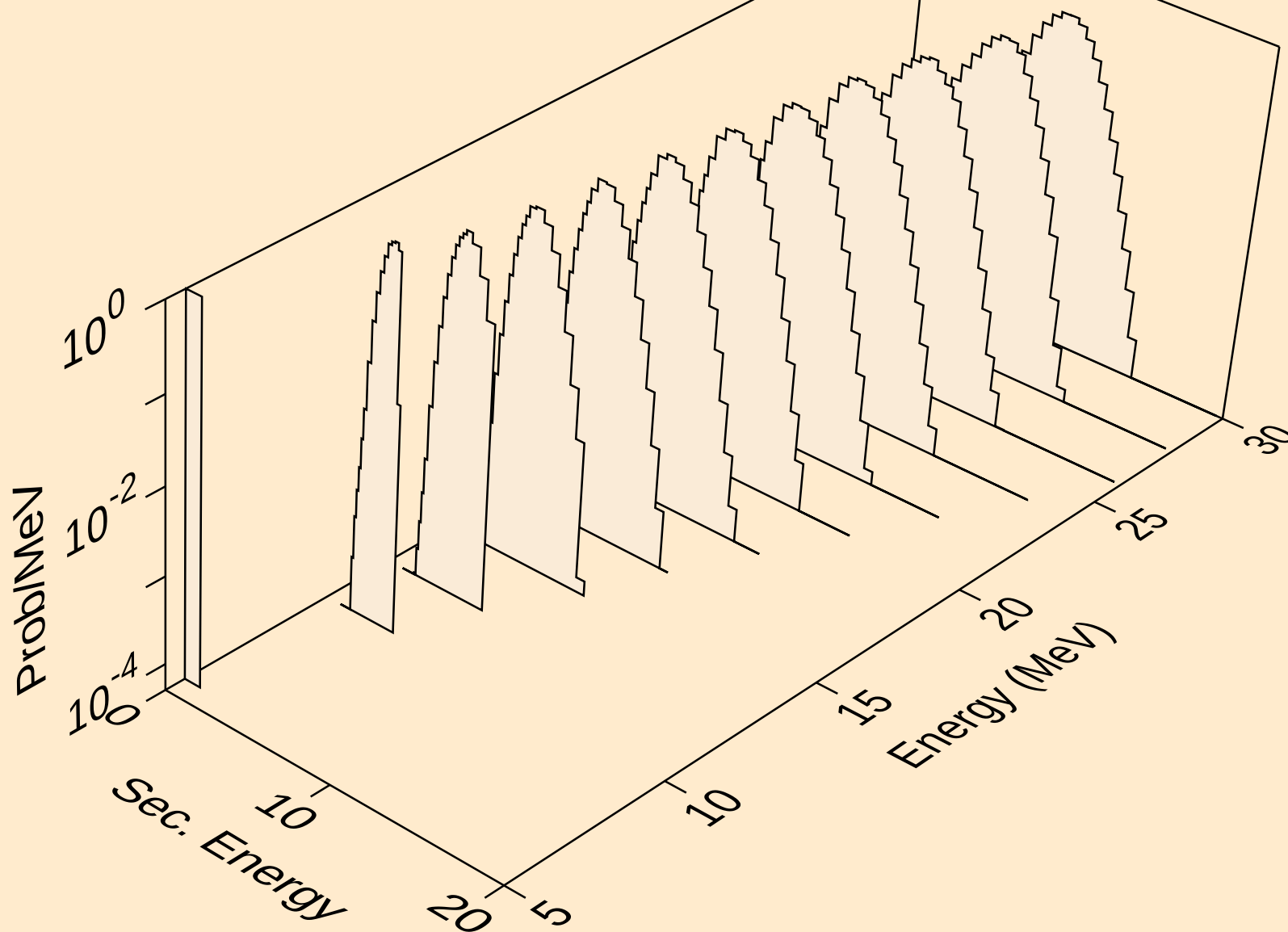
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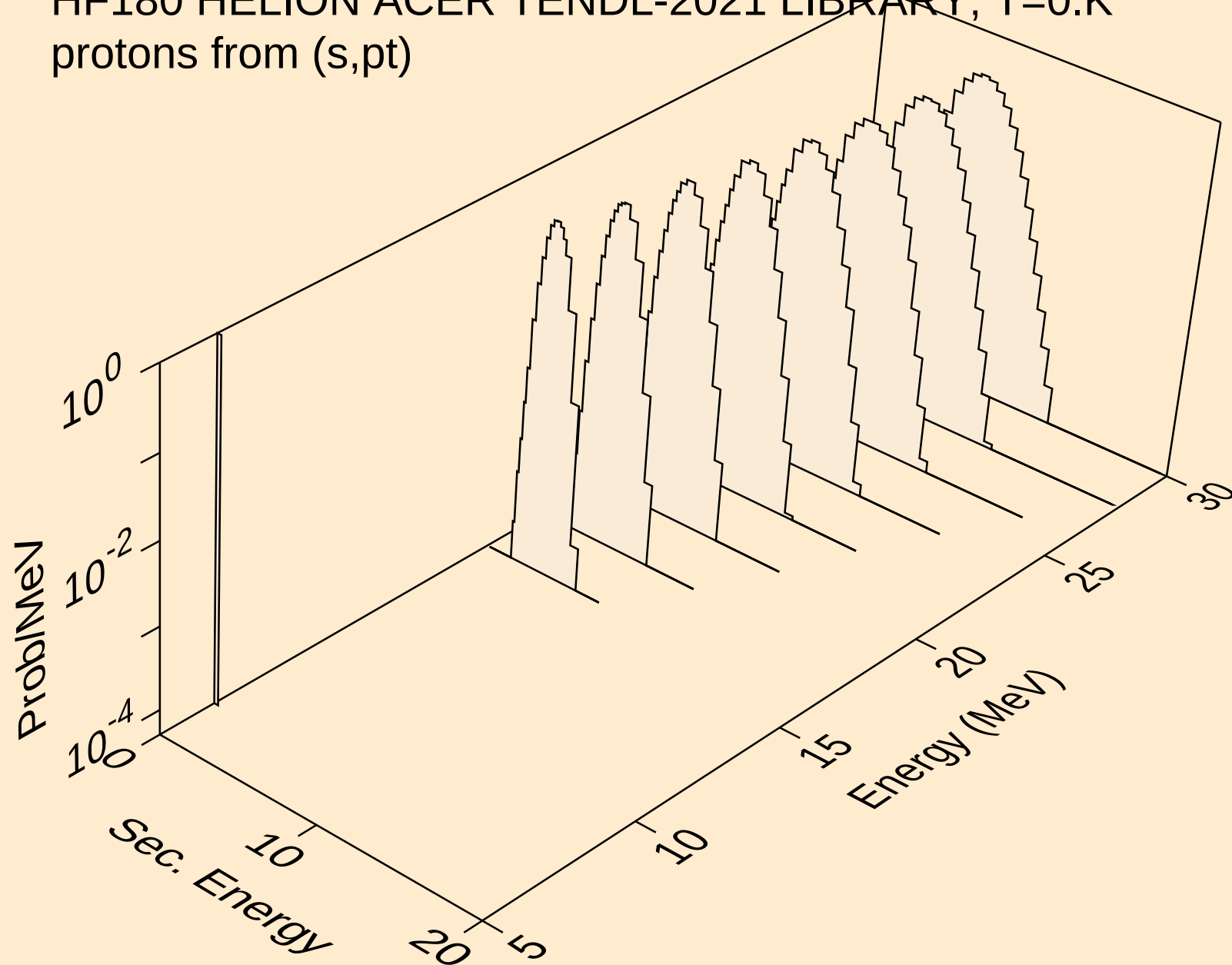
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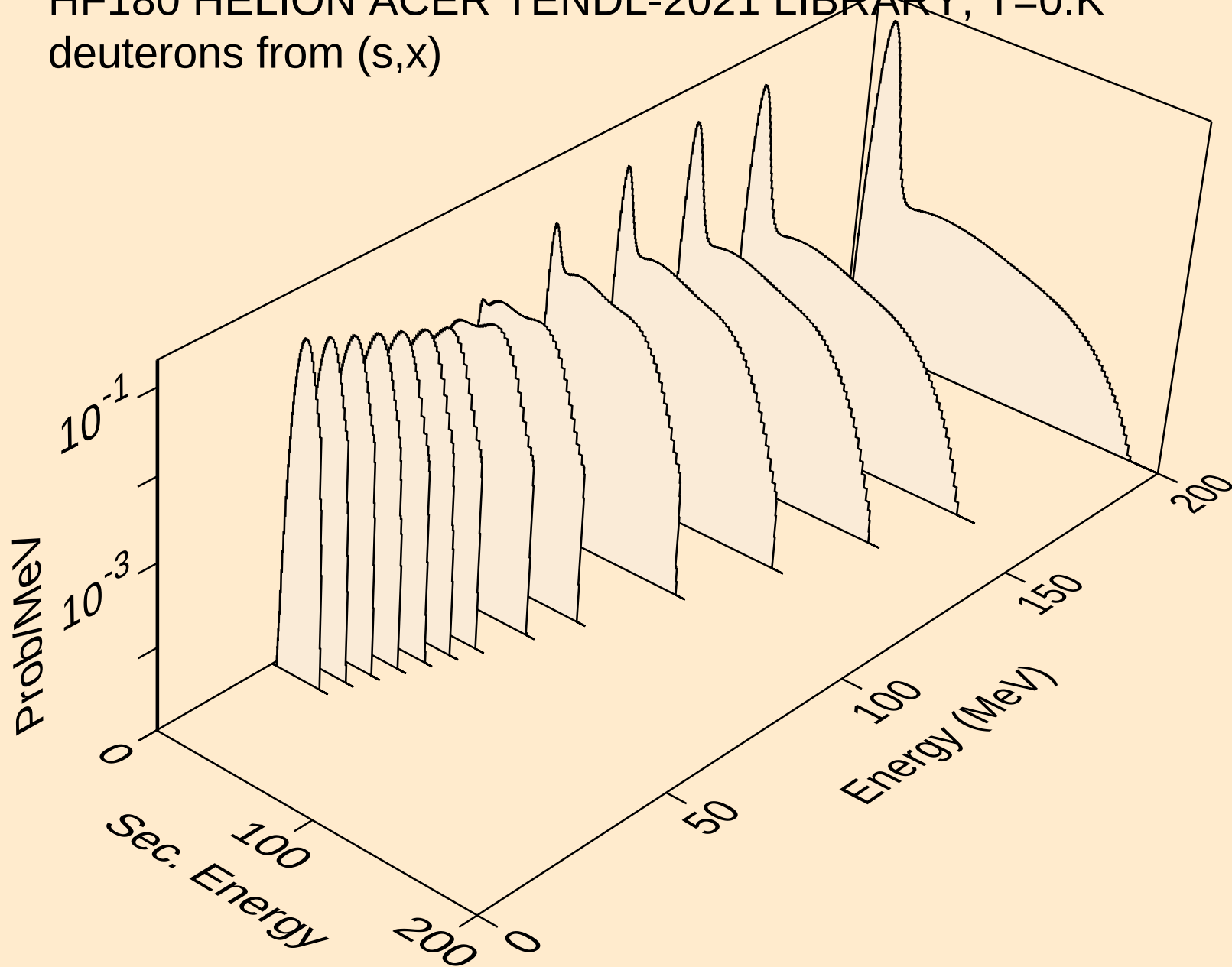
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protons from (s,pd)



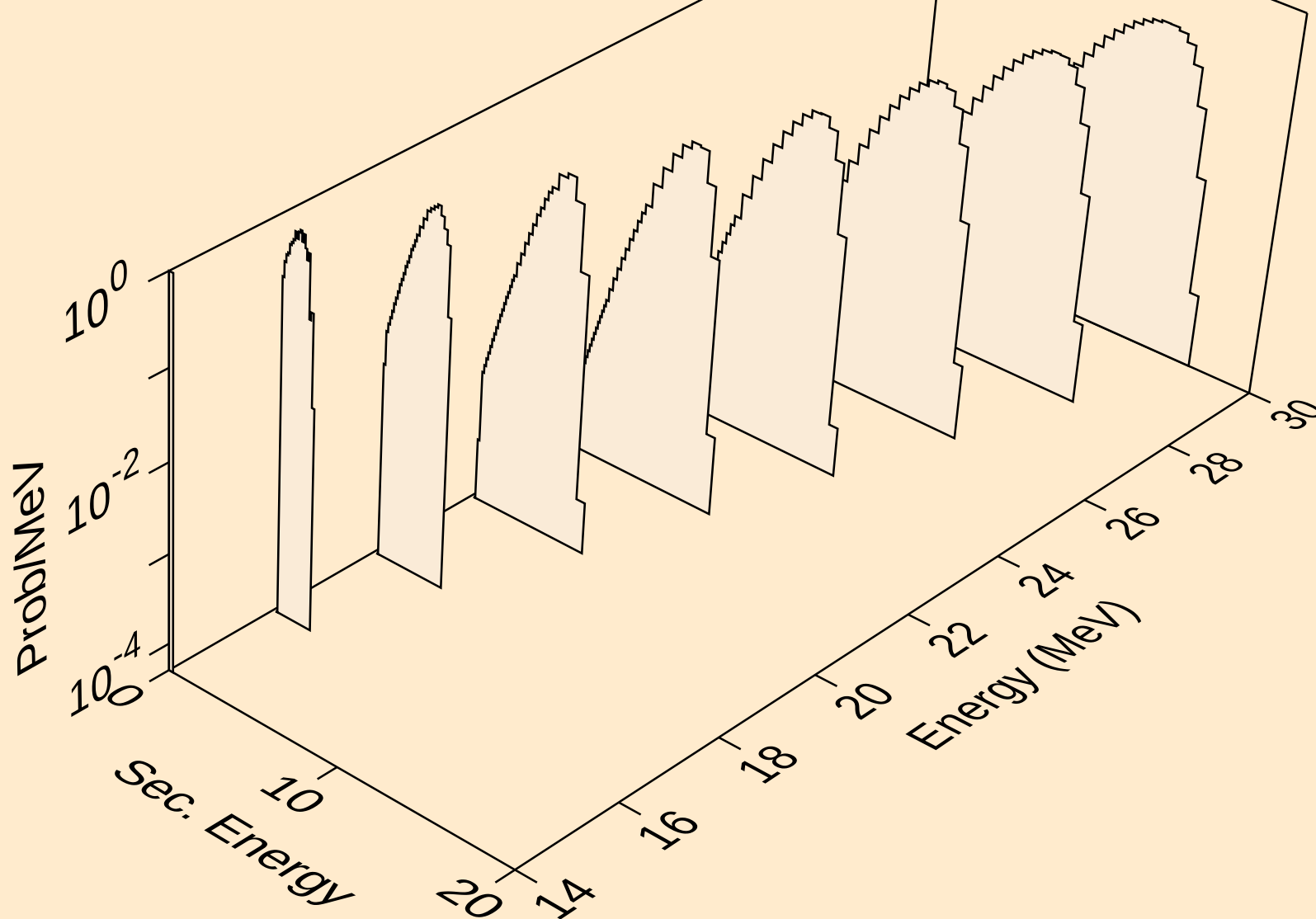
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protons from (s,pt)



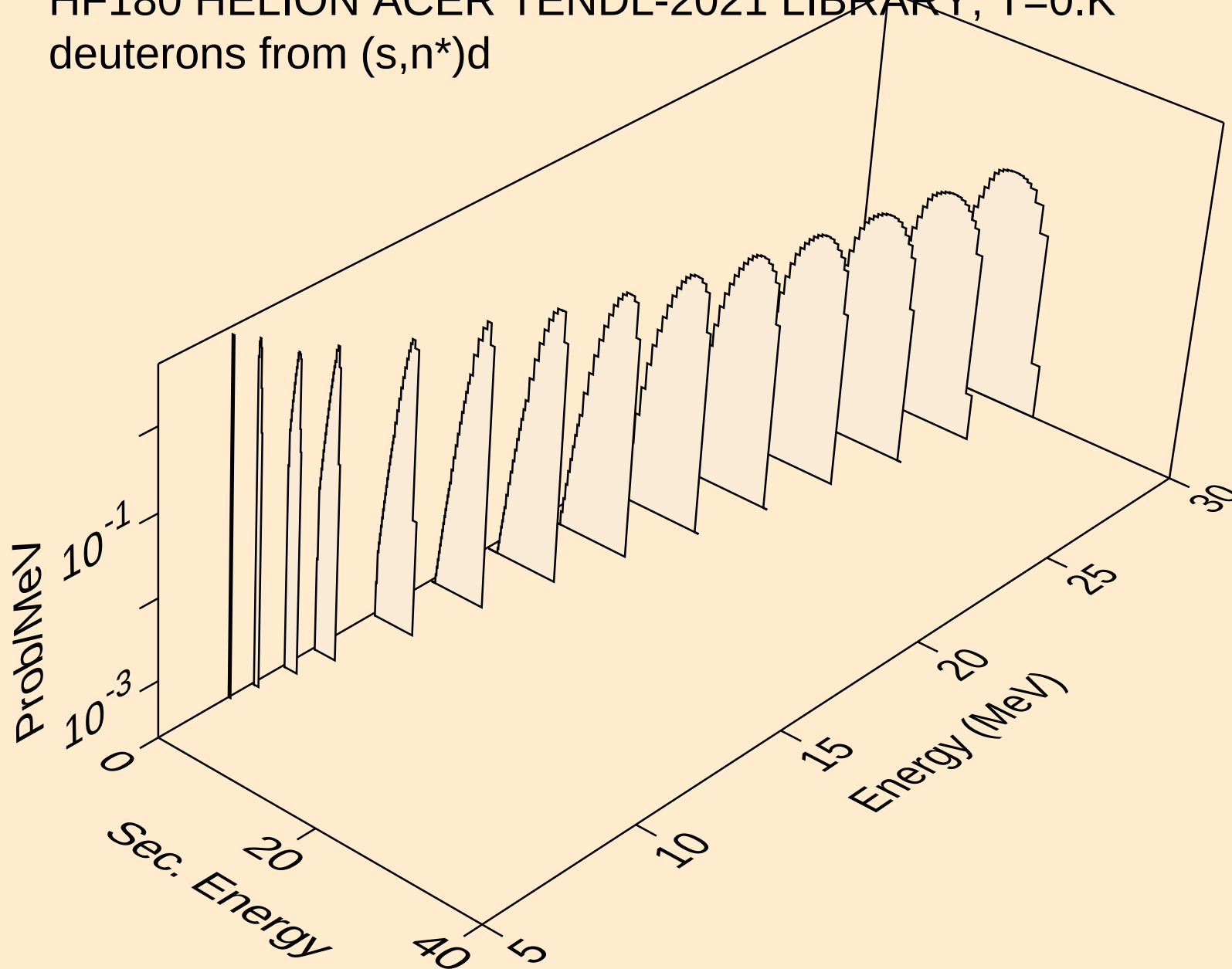
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deuterons from (s,x)



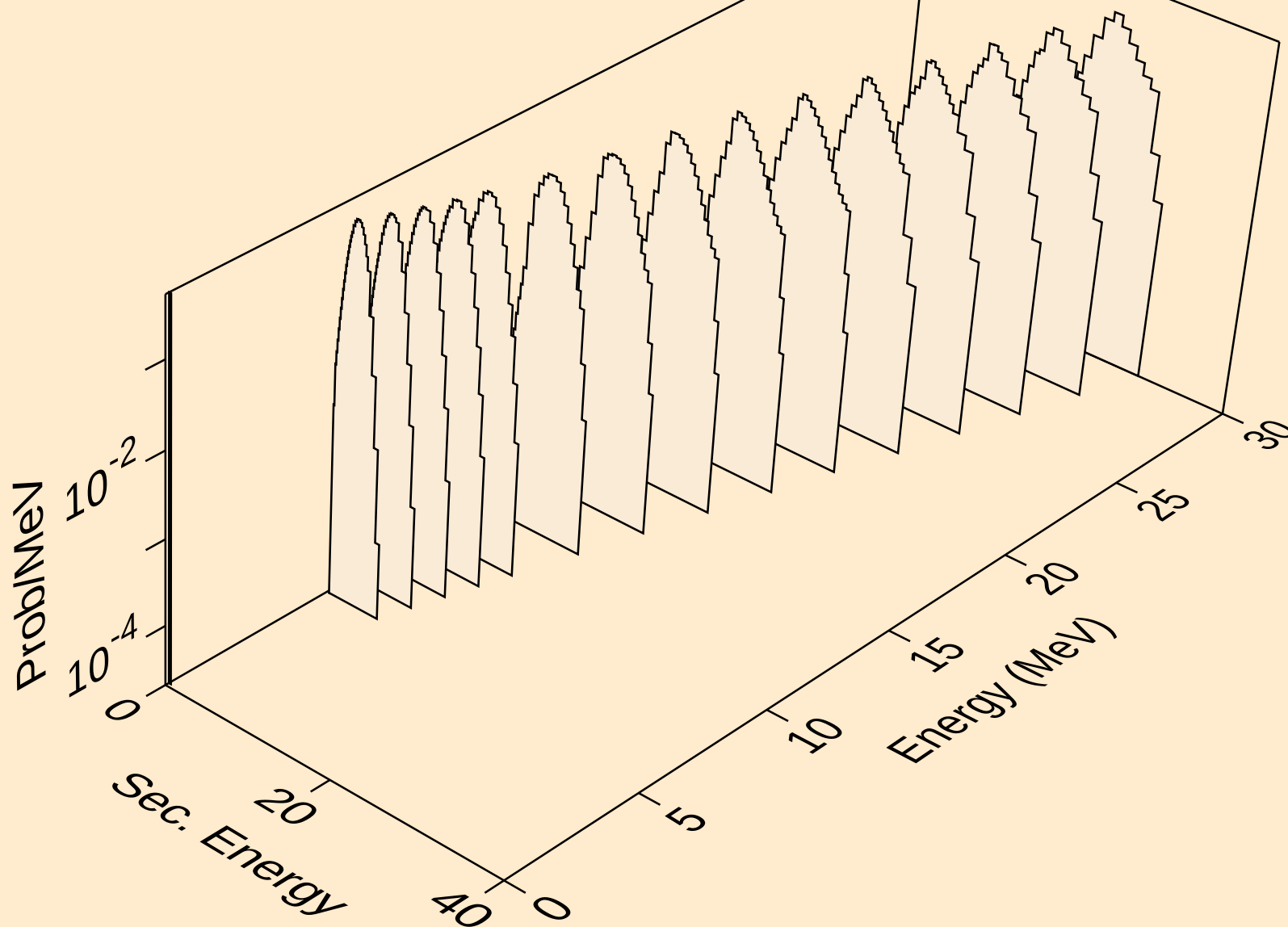
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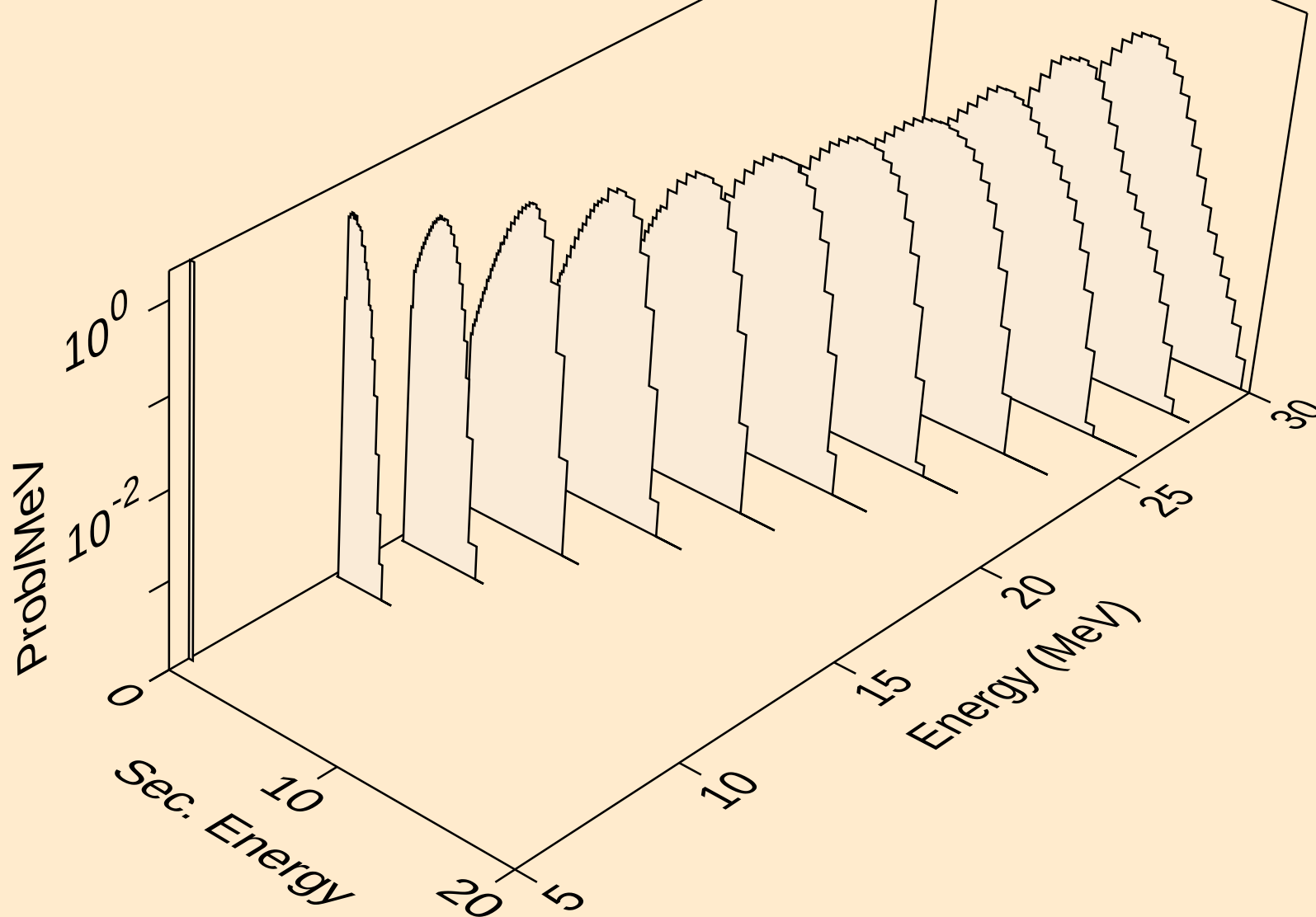
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deuterons from (s,n*)d



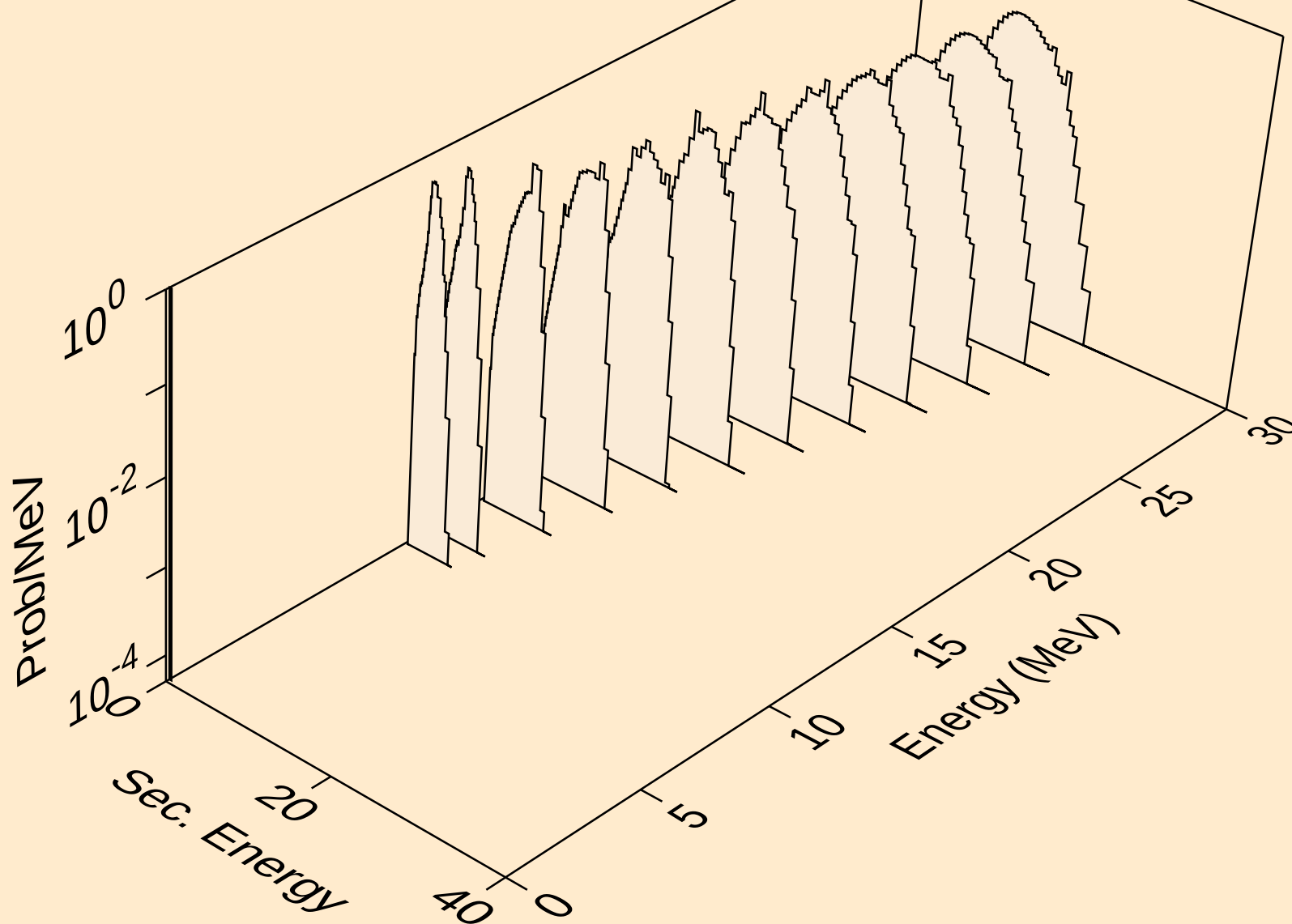
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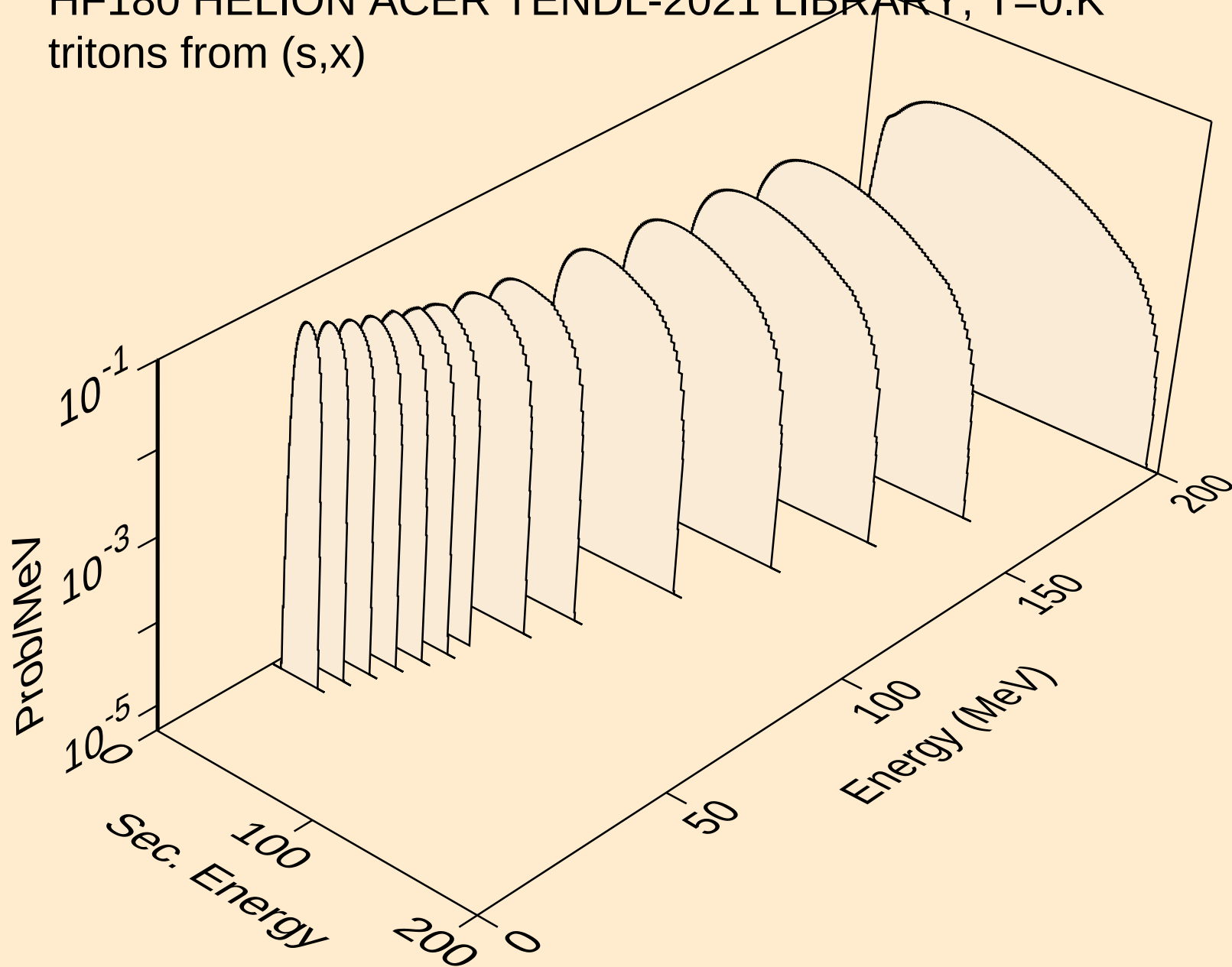
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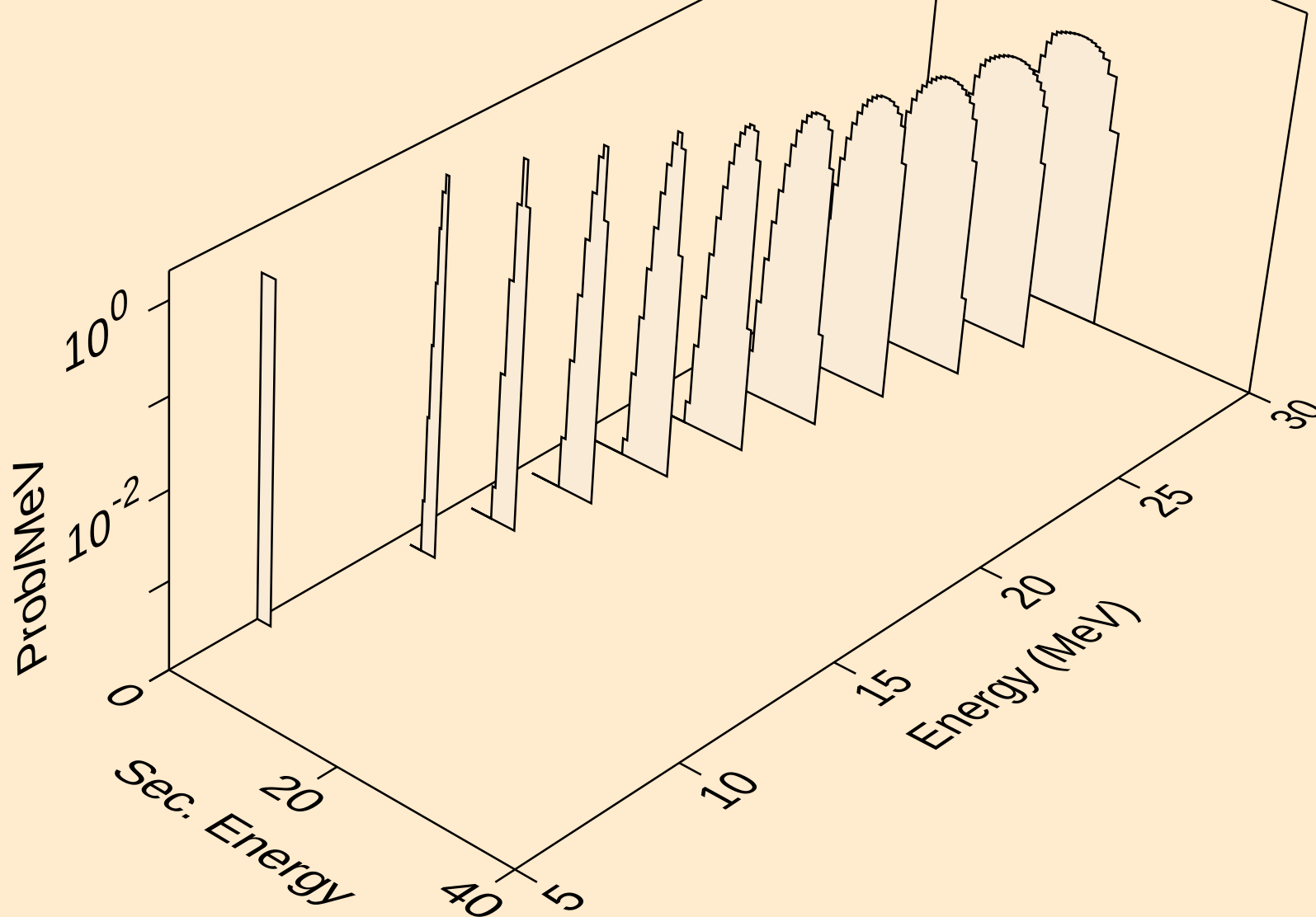
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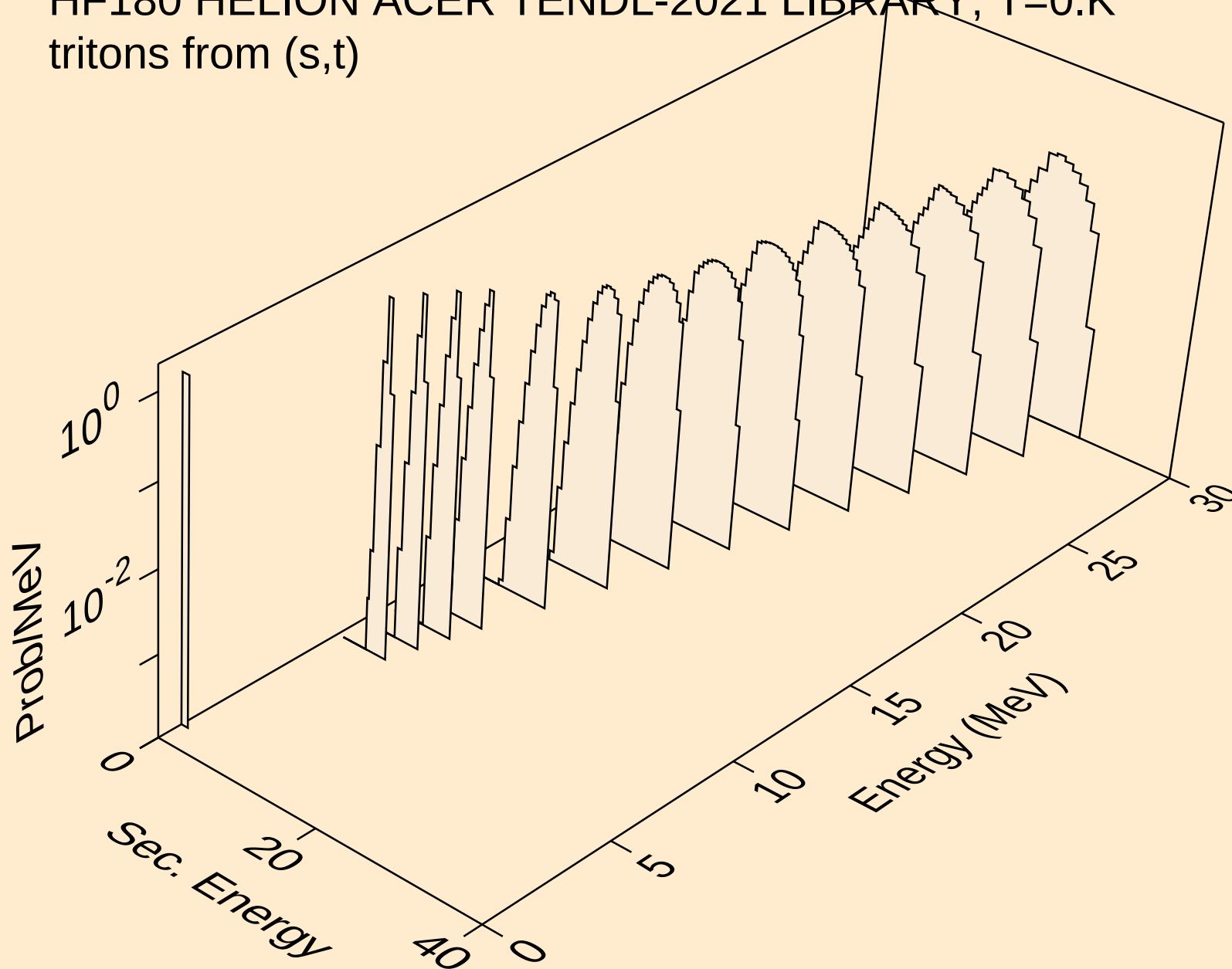
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tritons from (s,x)



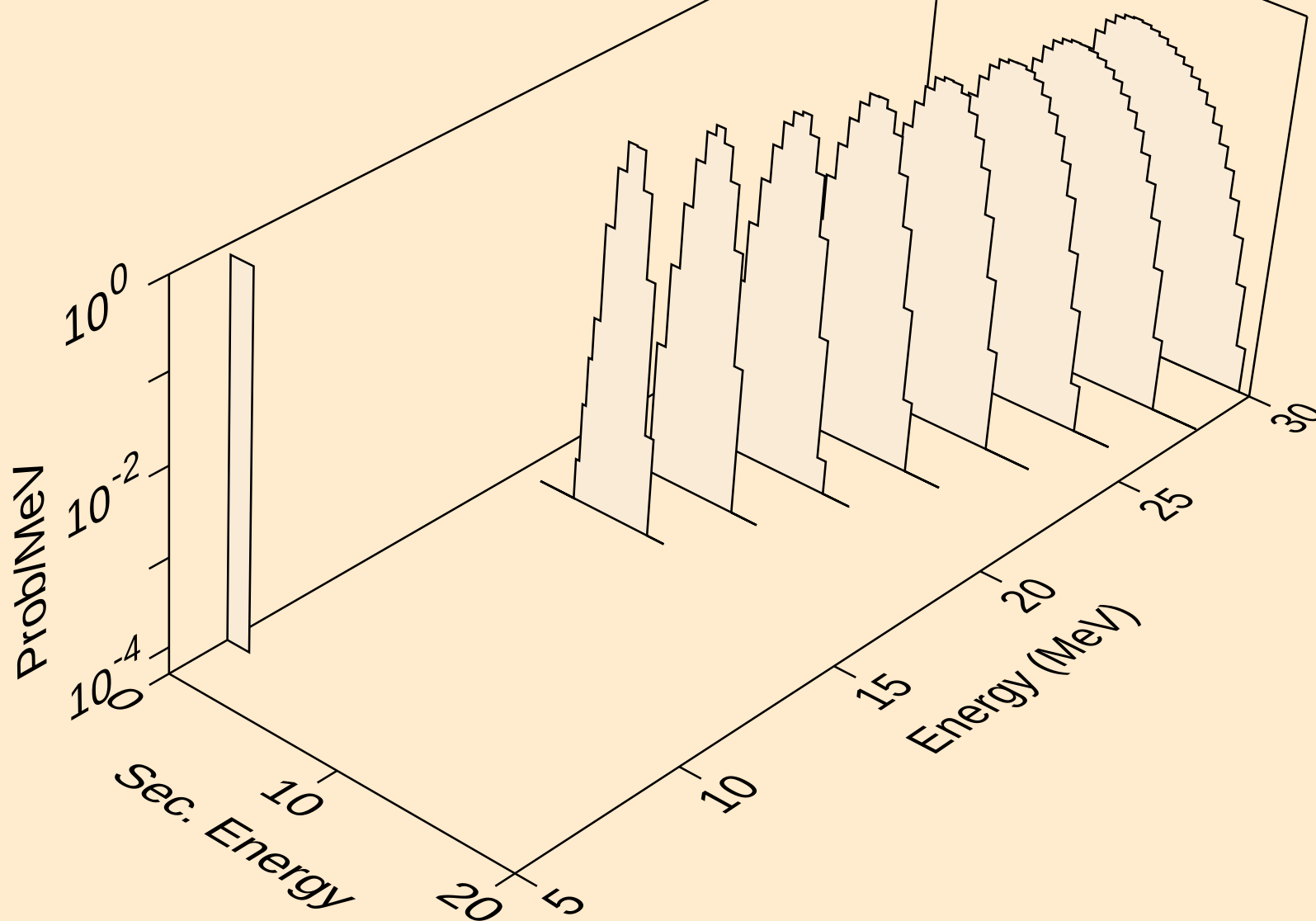
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tritons from (s,n*)t



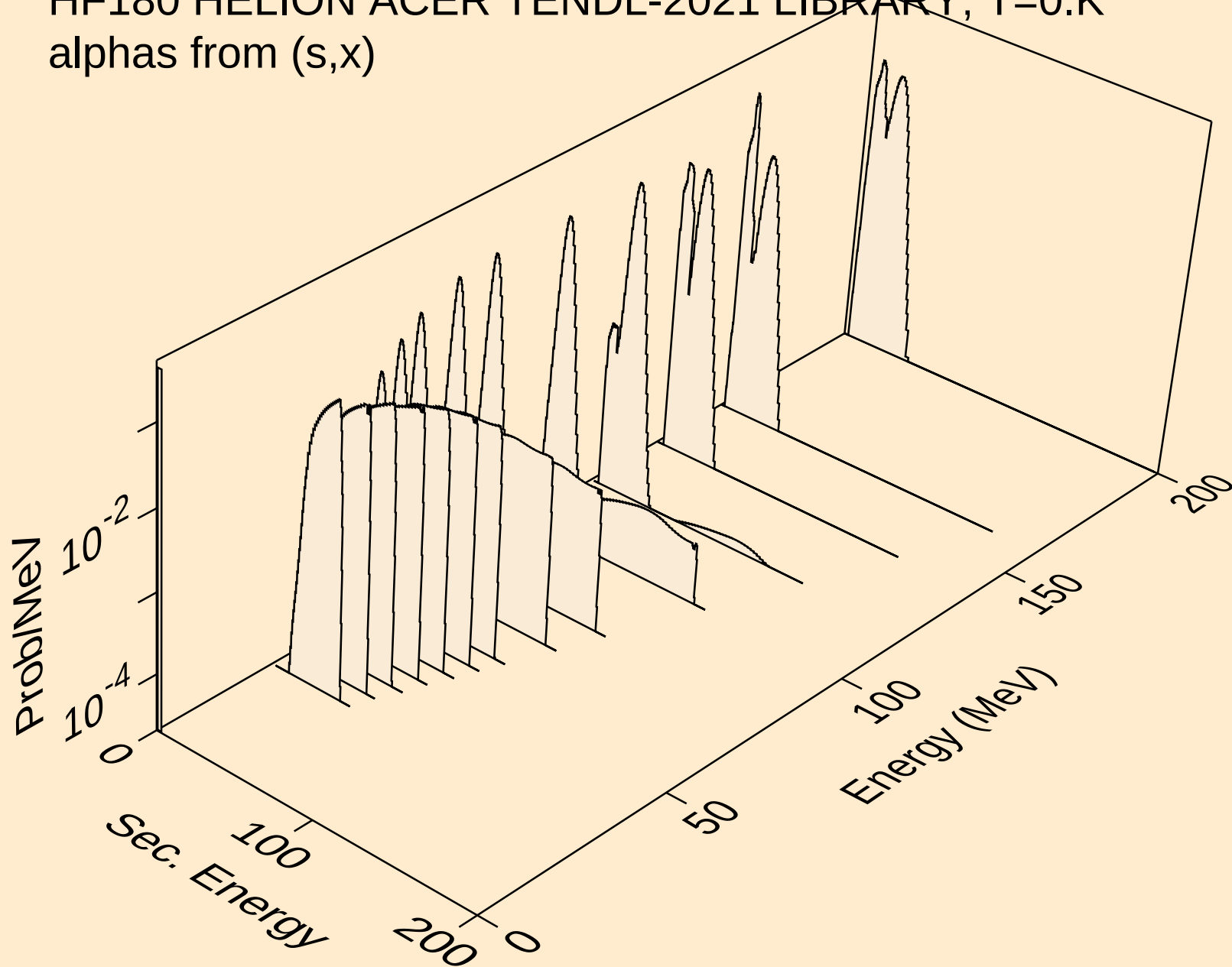
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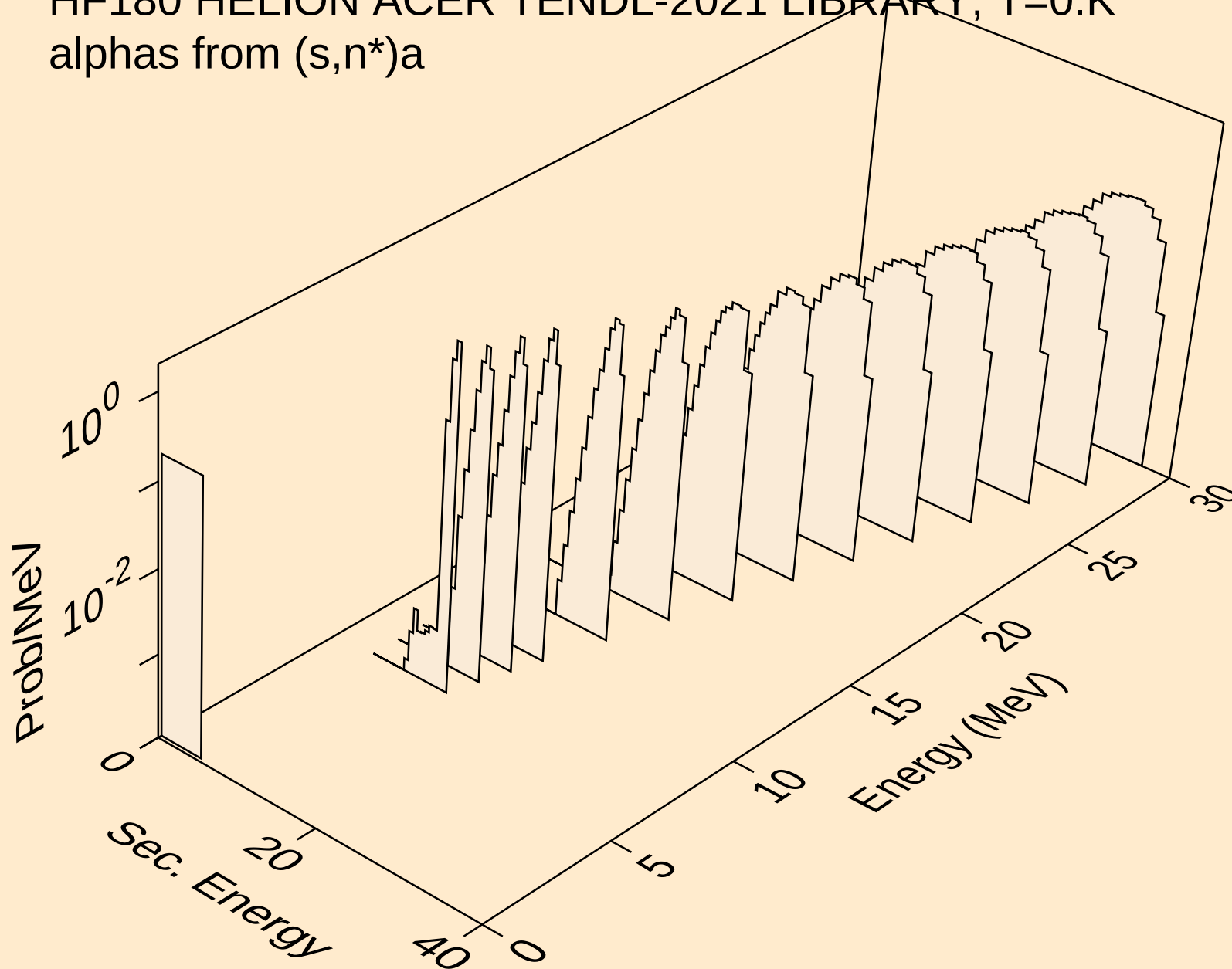
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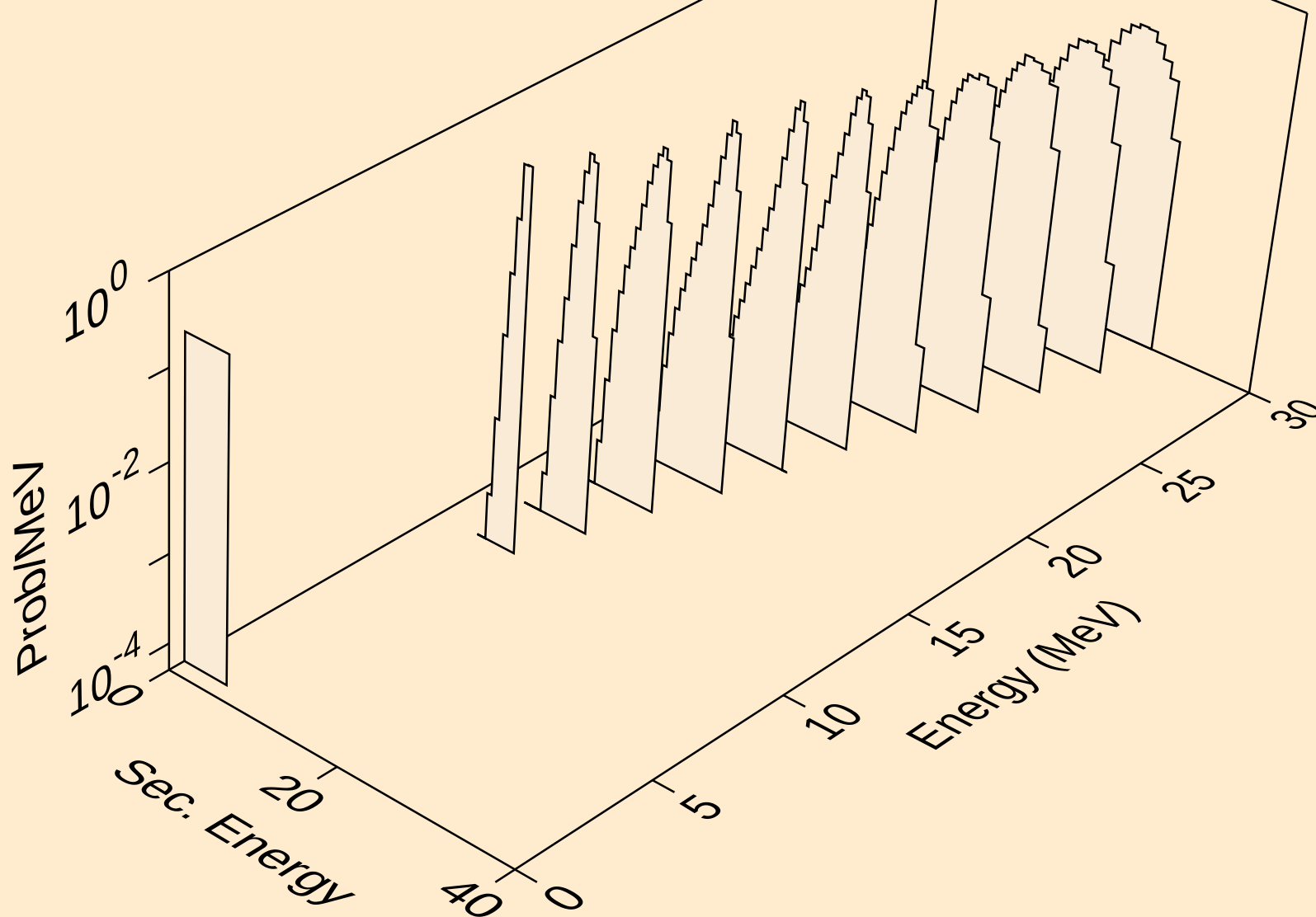
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alphas from (s,x)



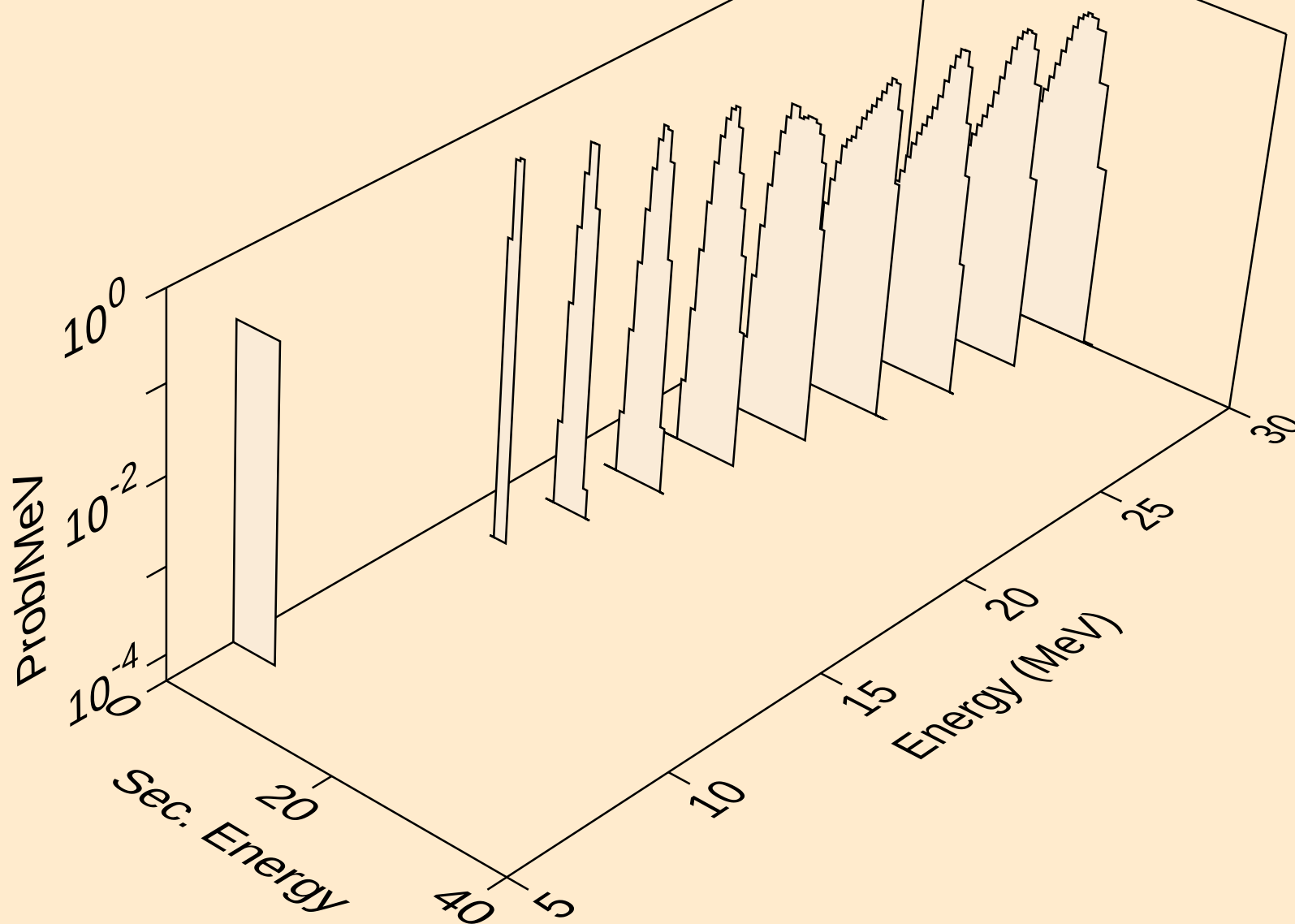
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alphas from (s,n*)a



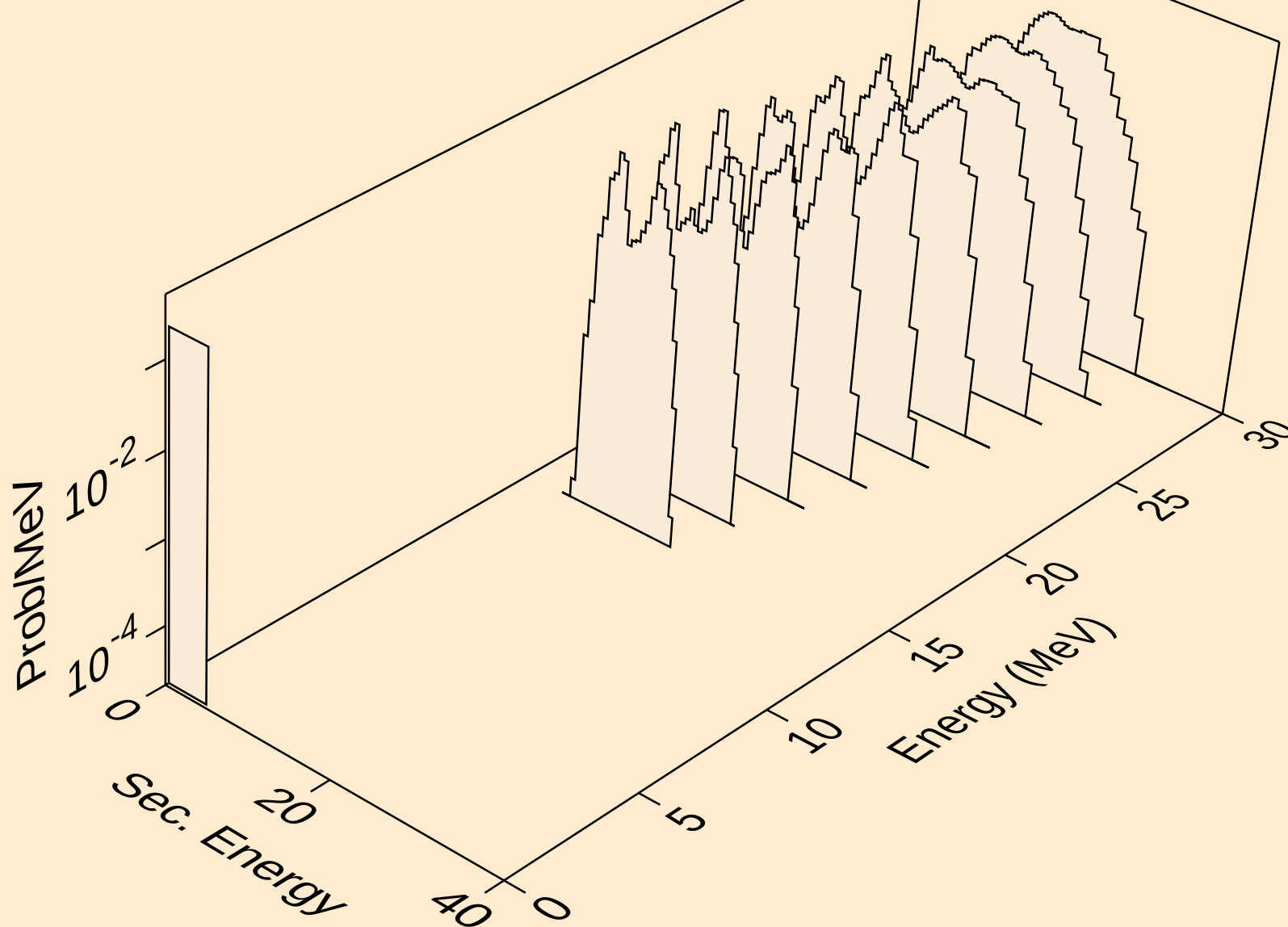
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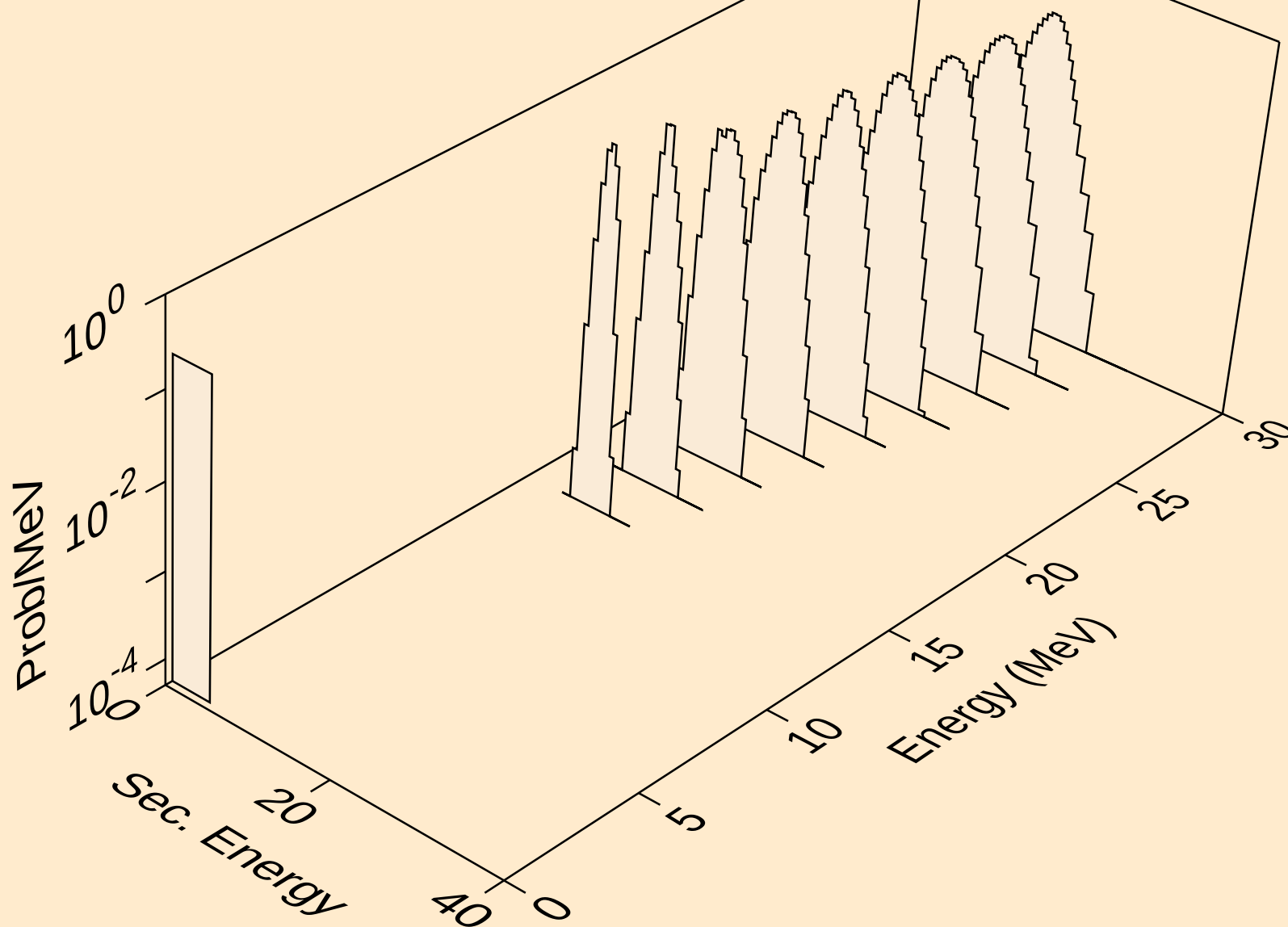
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alphas from (s,3n)a



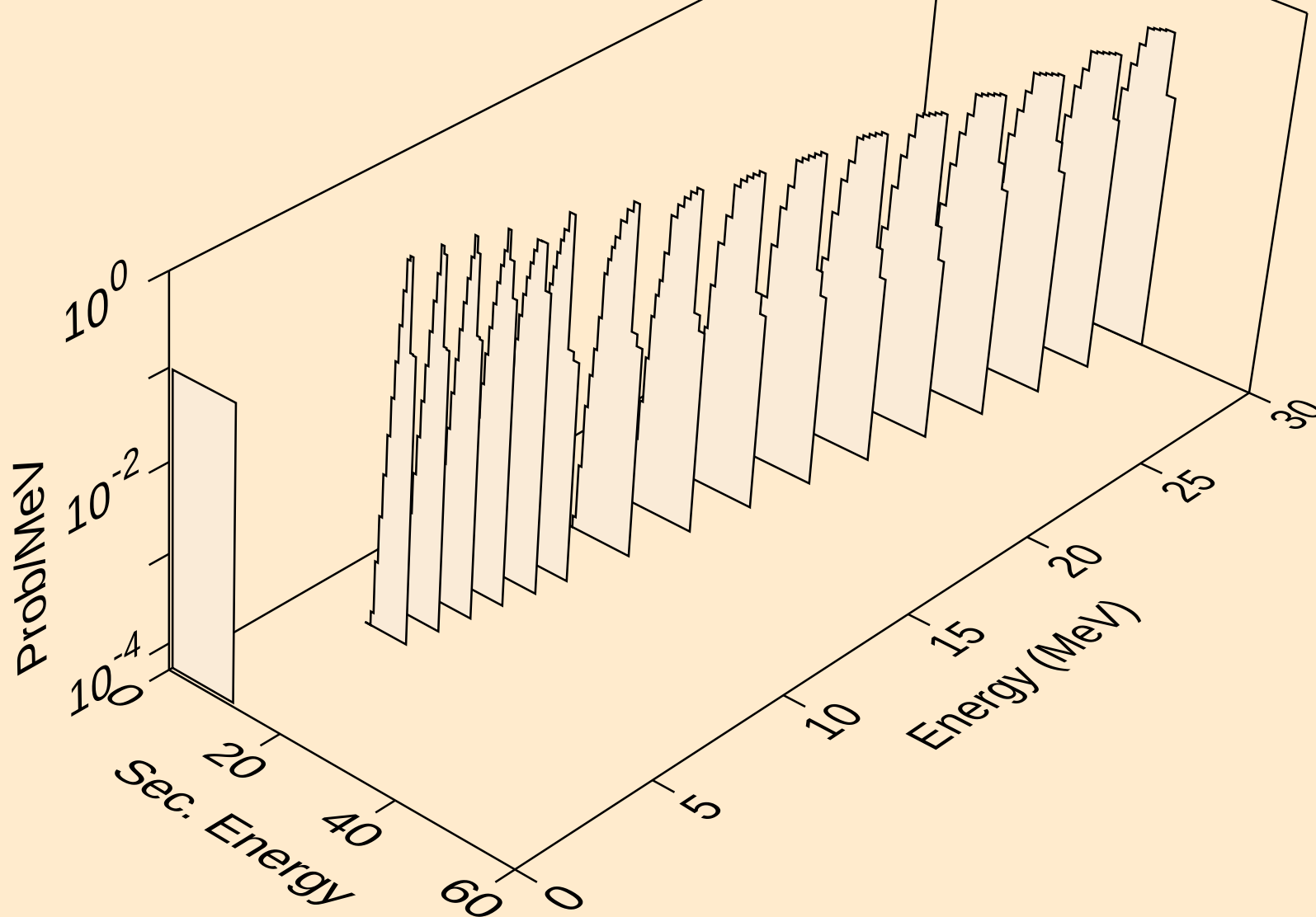
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alphas from (s,n*)2a



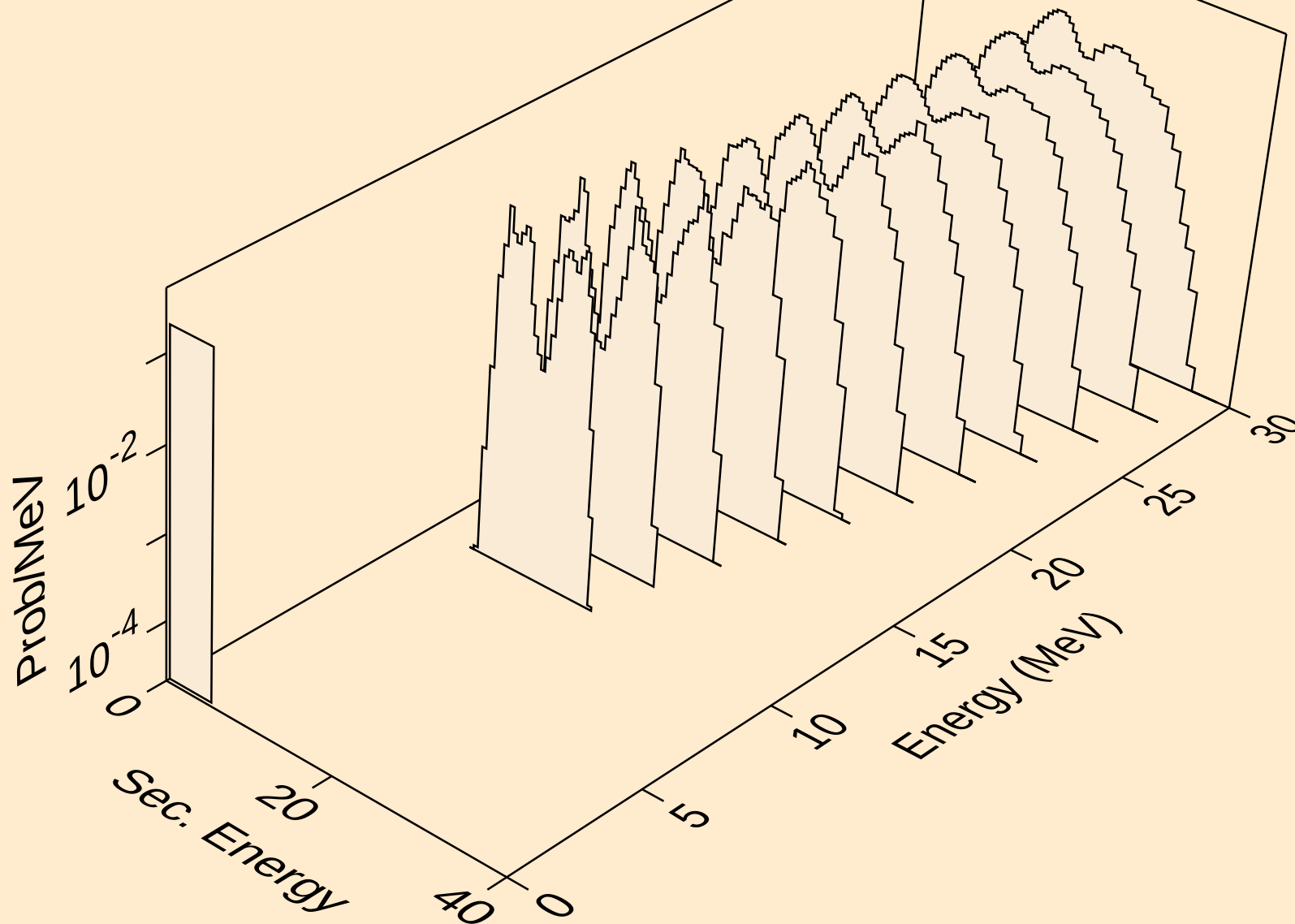
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alphas from (s,npa)



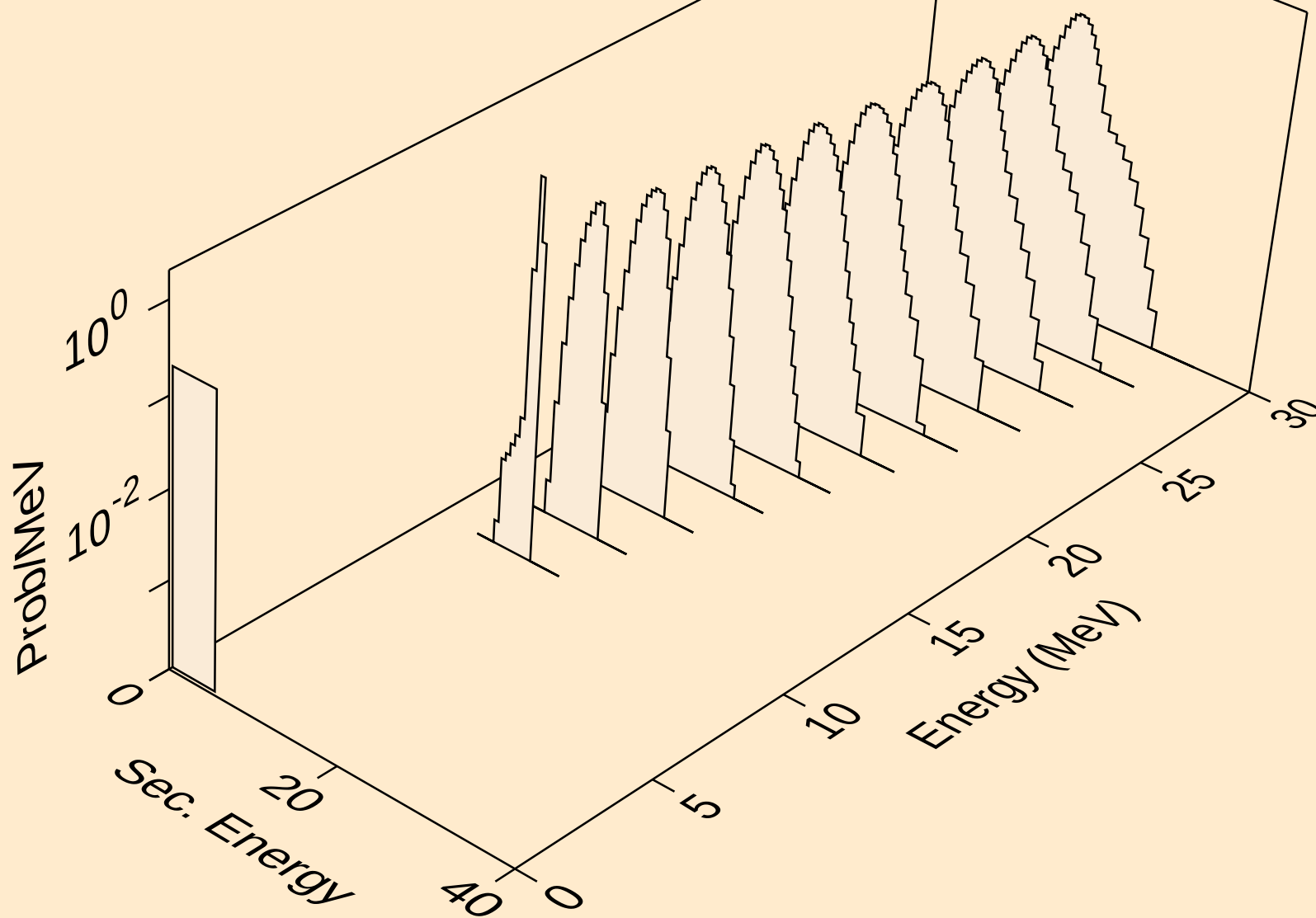
HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,a)



HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,2a)



HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,pa)



HF180 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,da)

