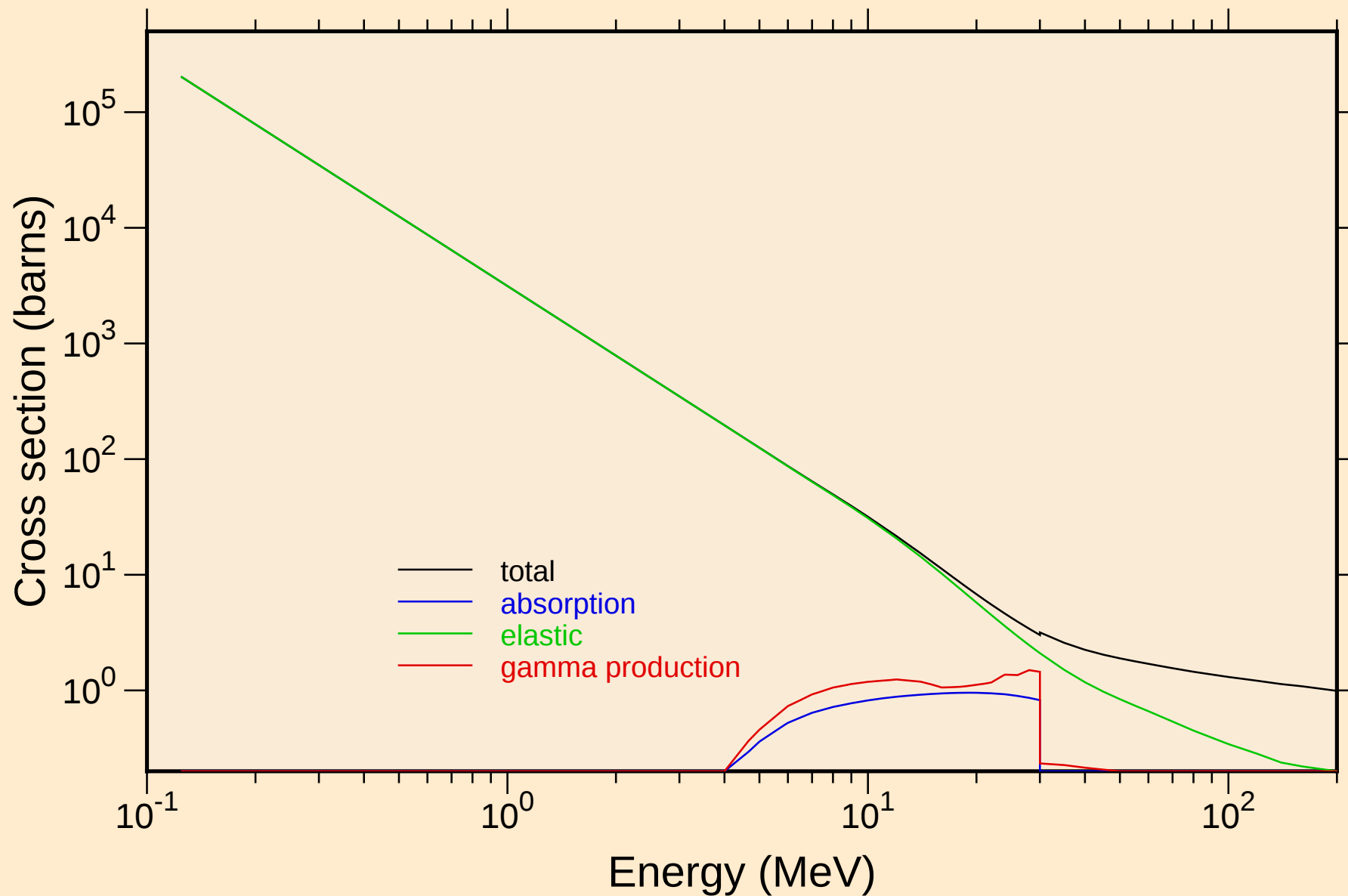


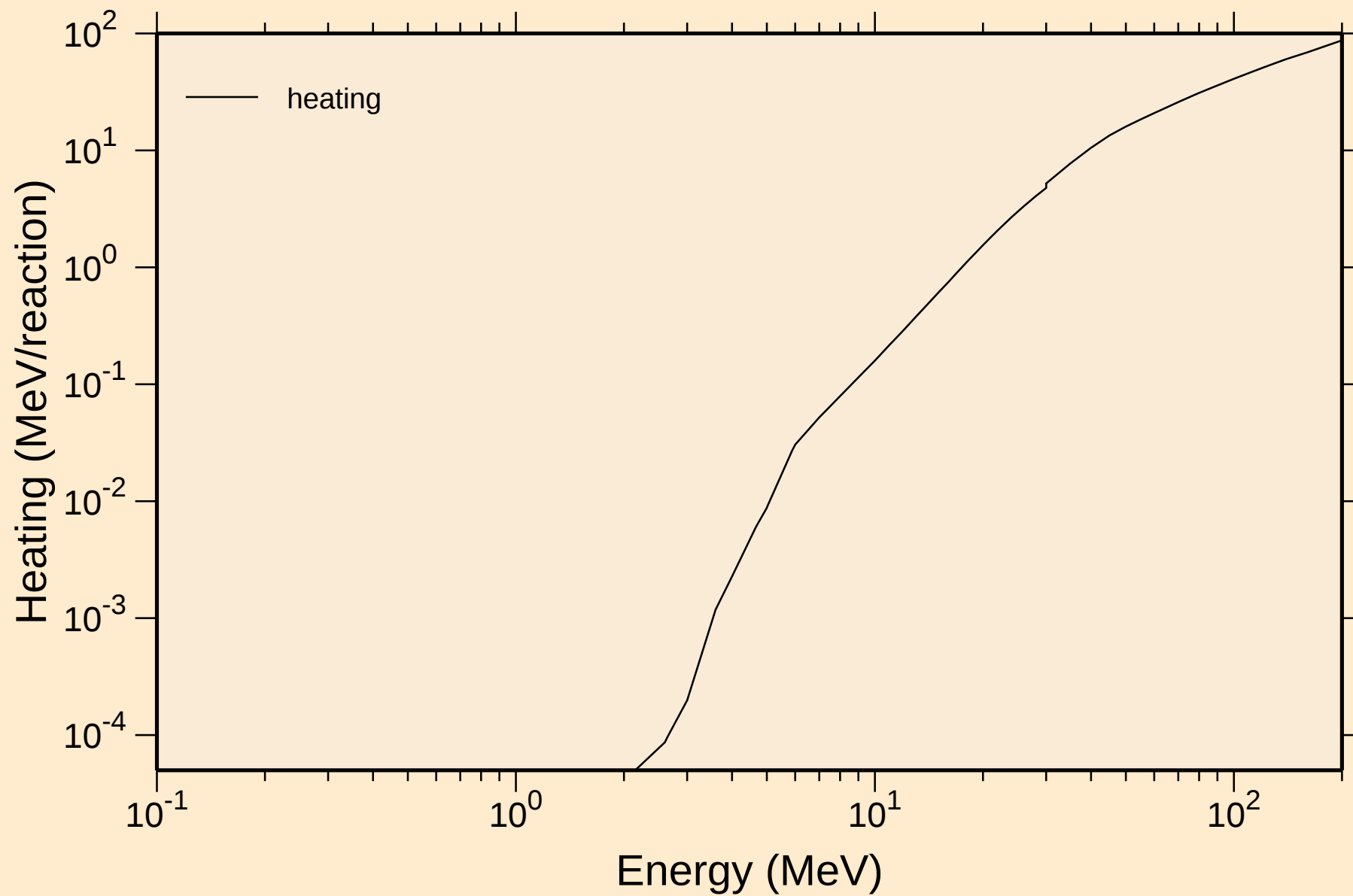
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



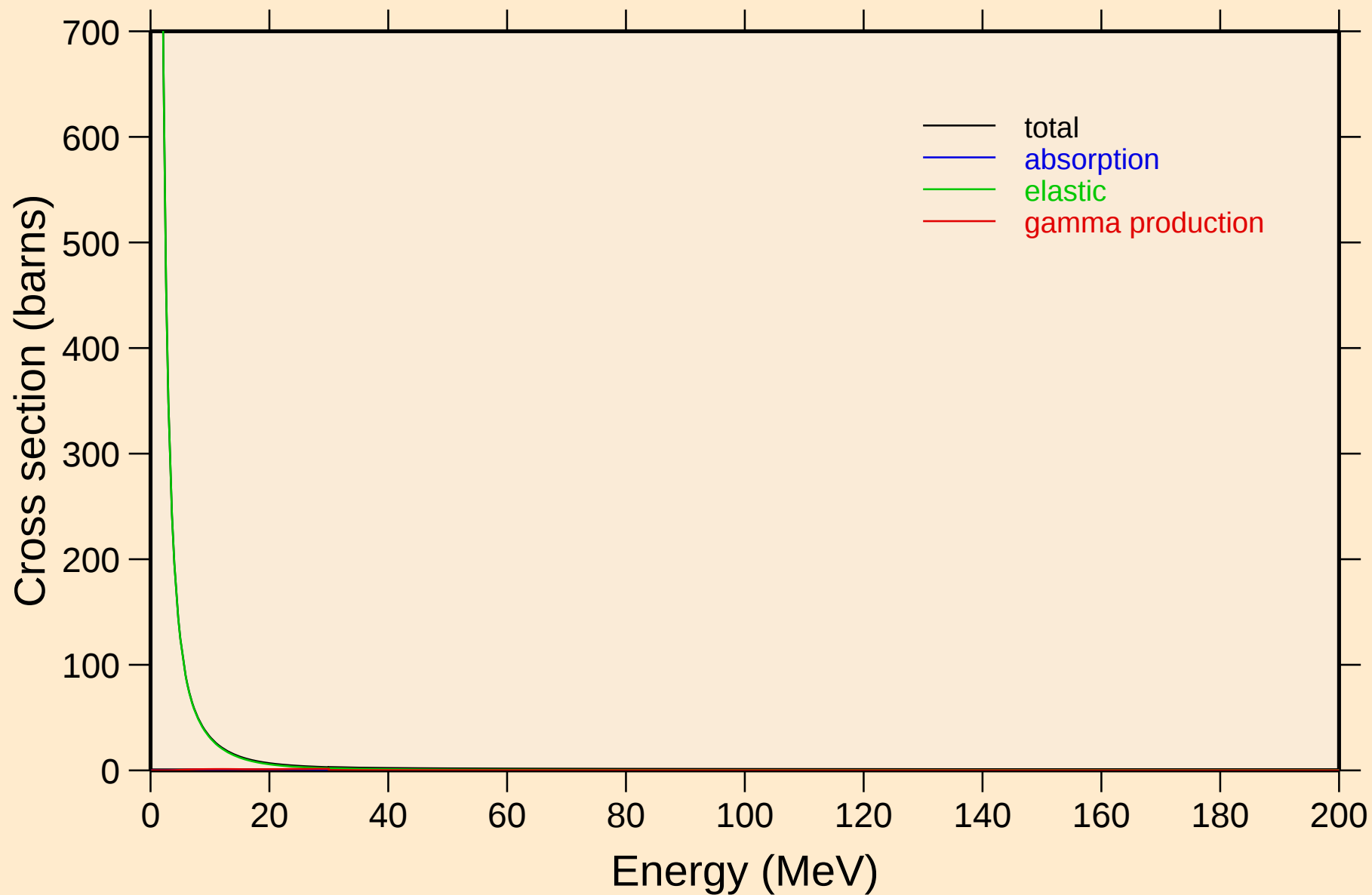
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



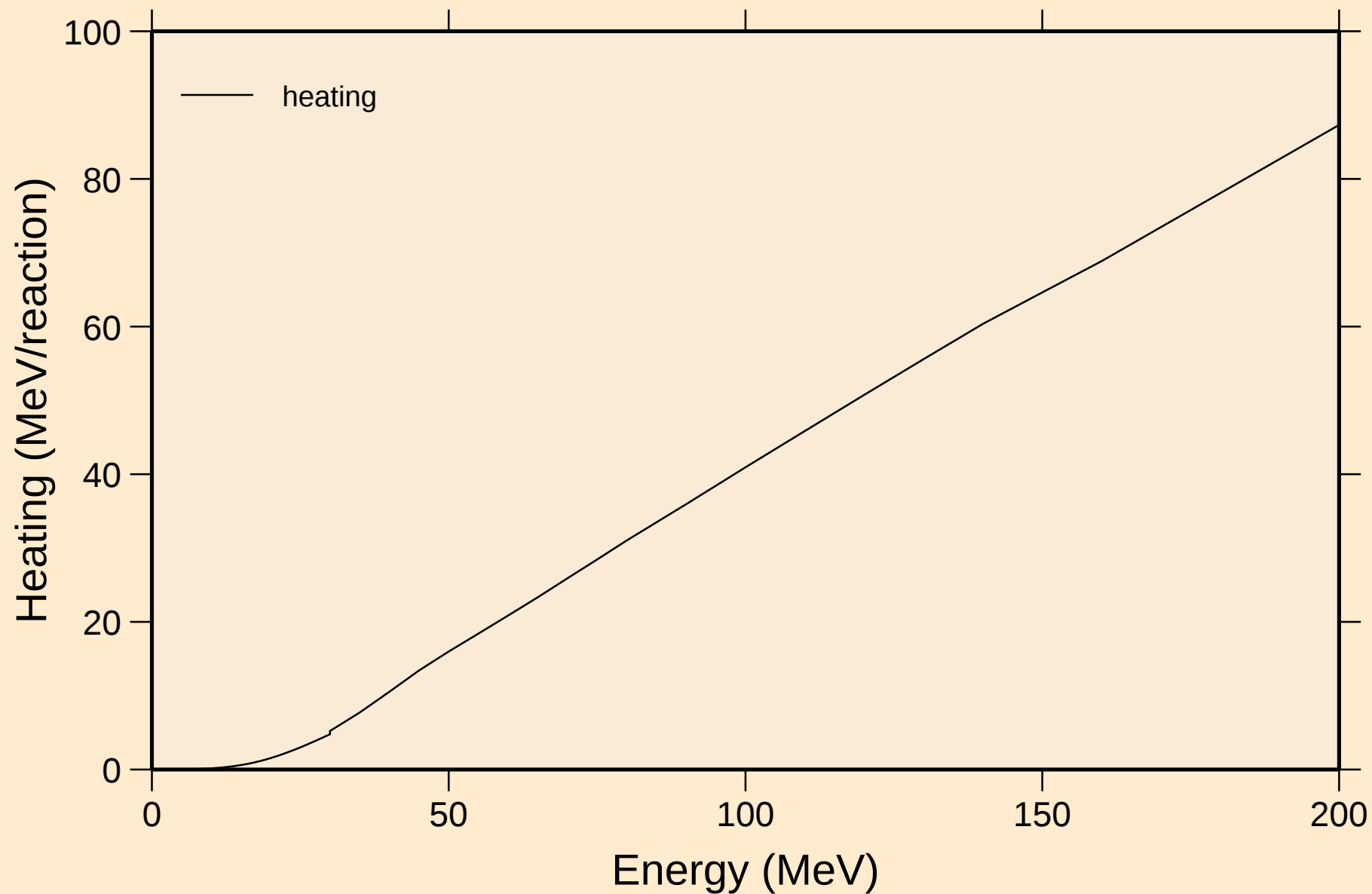
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



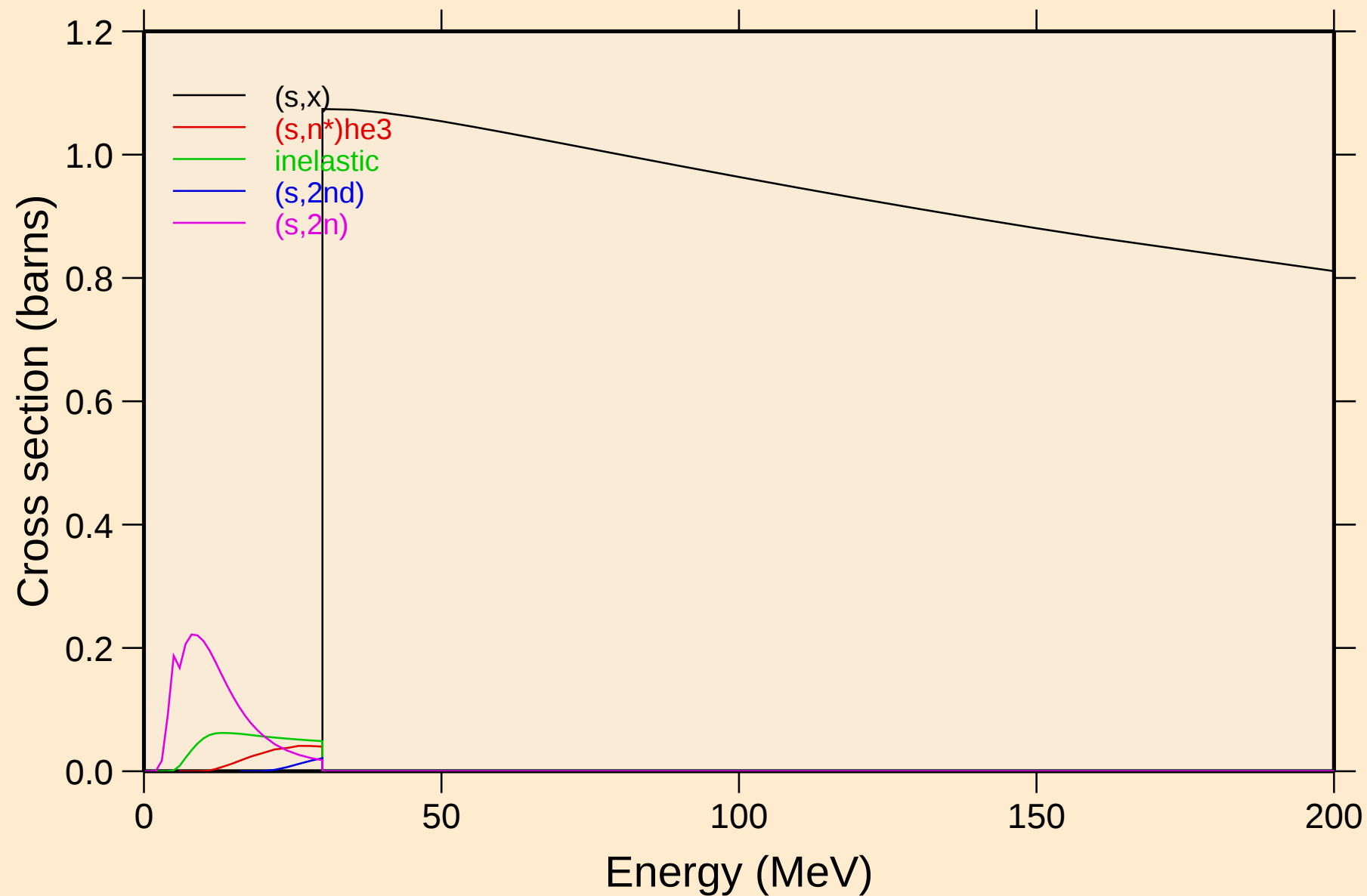
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



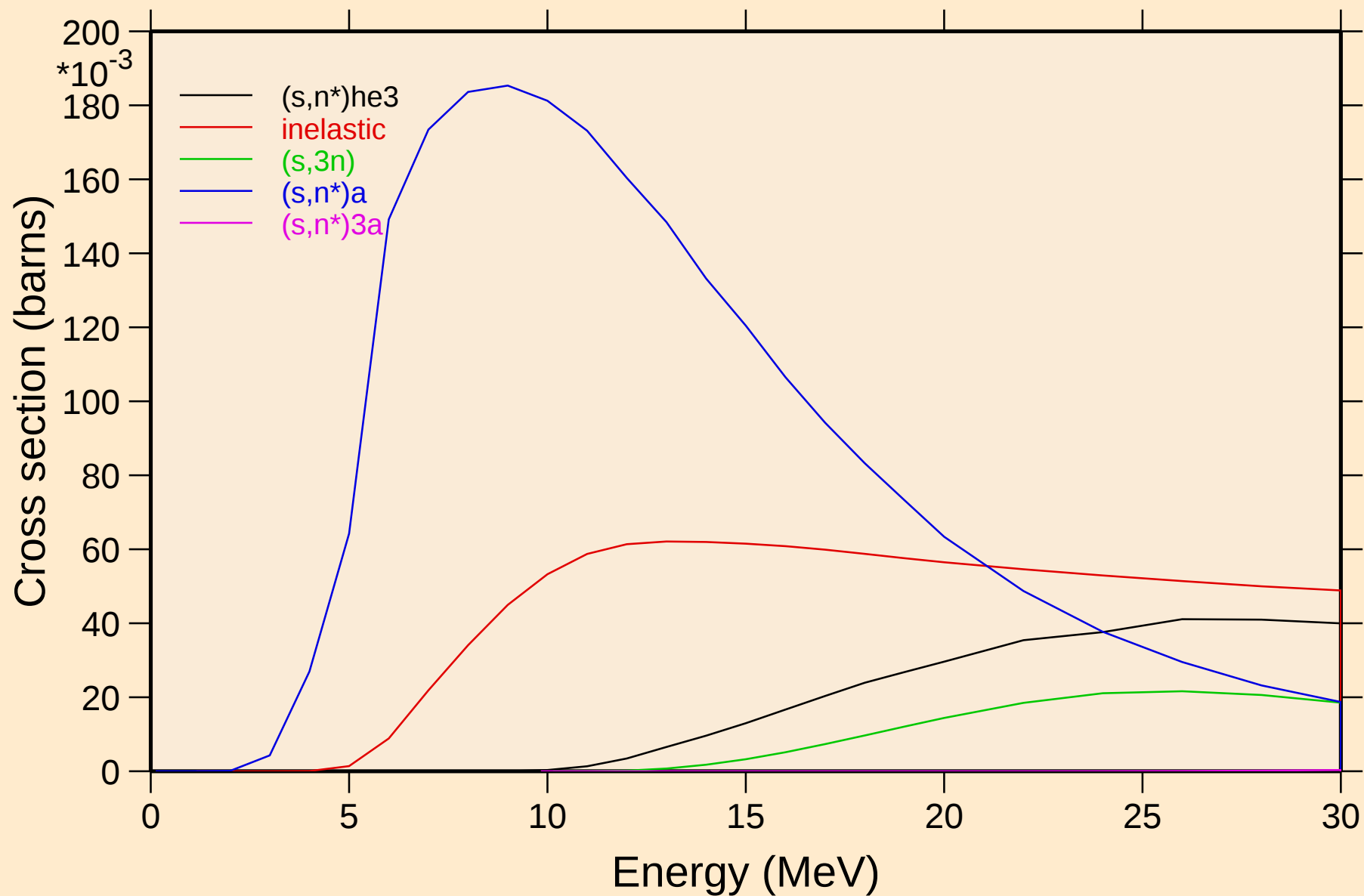
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Threshold reactions



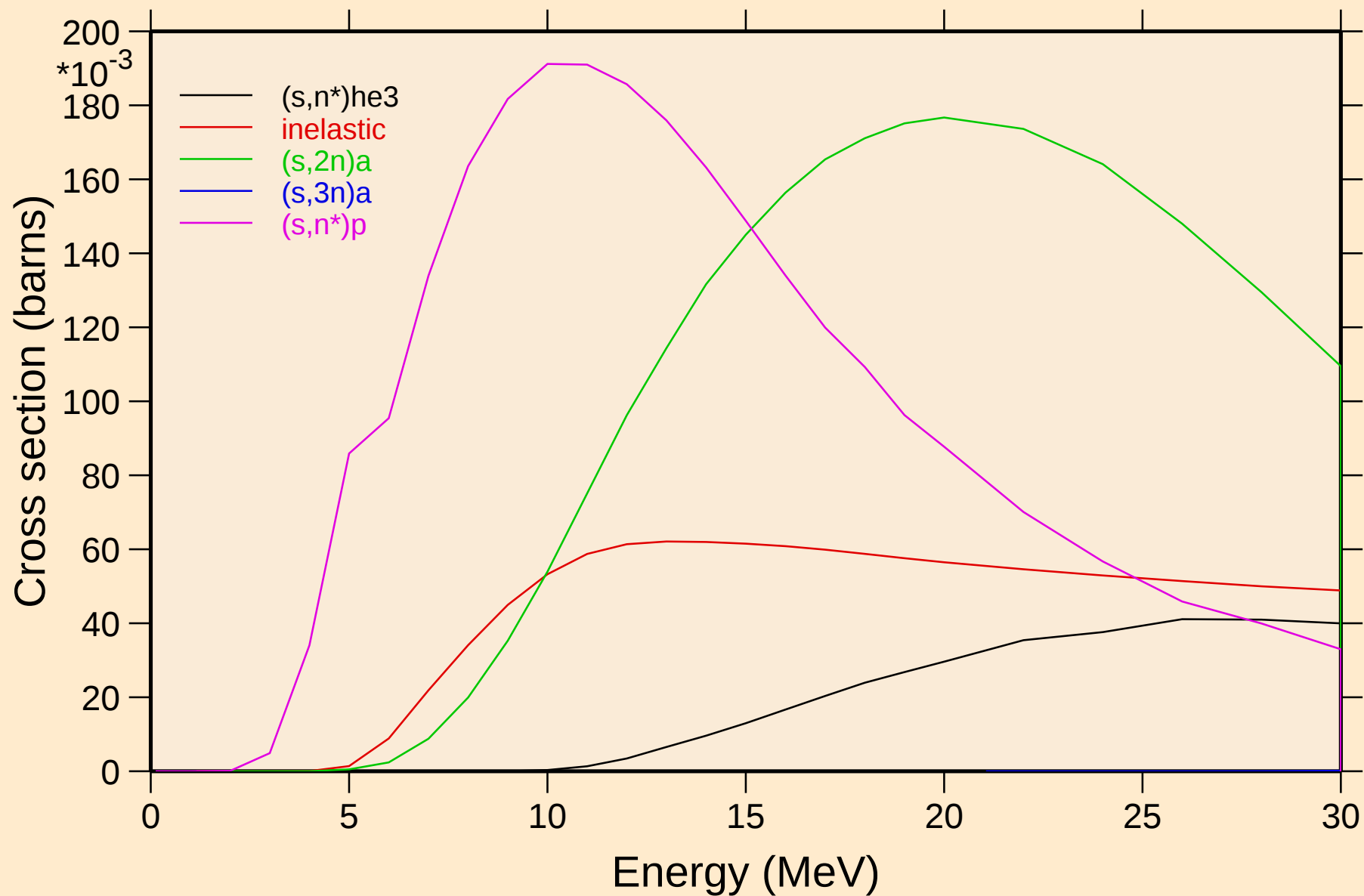
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Threshold reactions

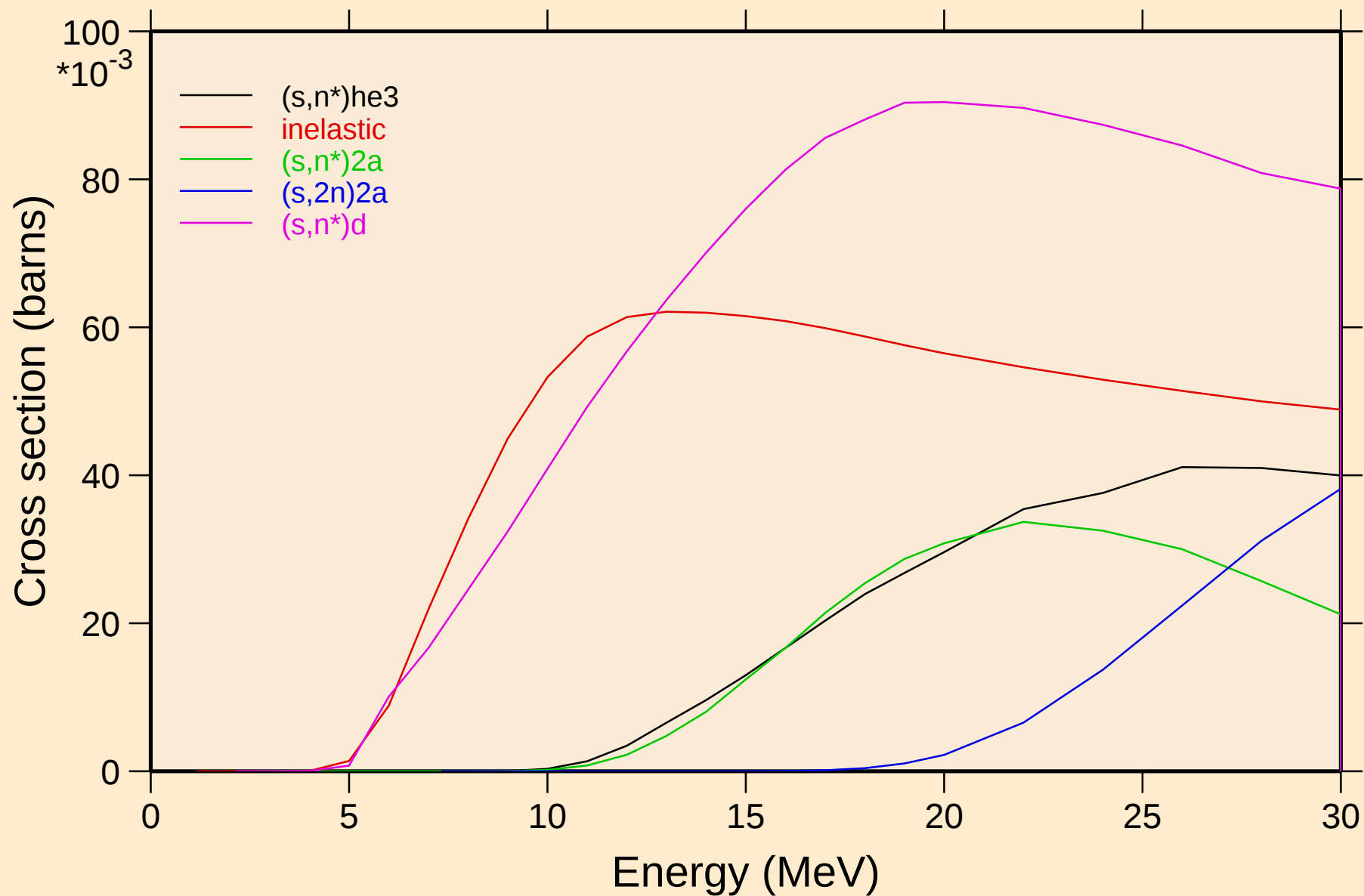


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

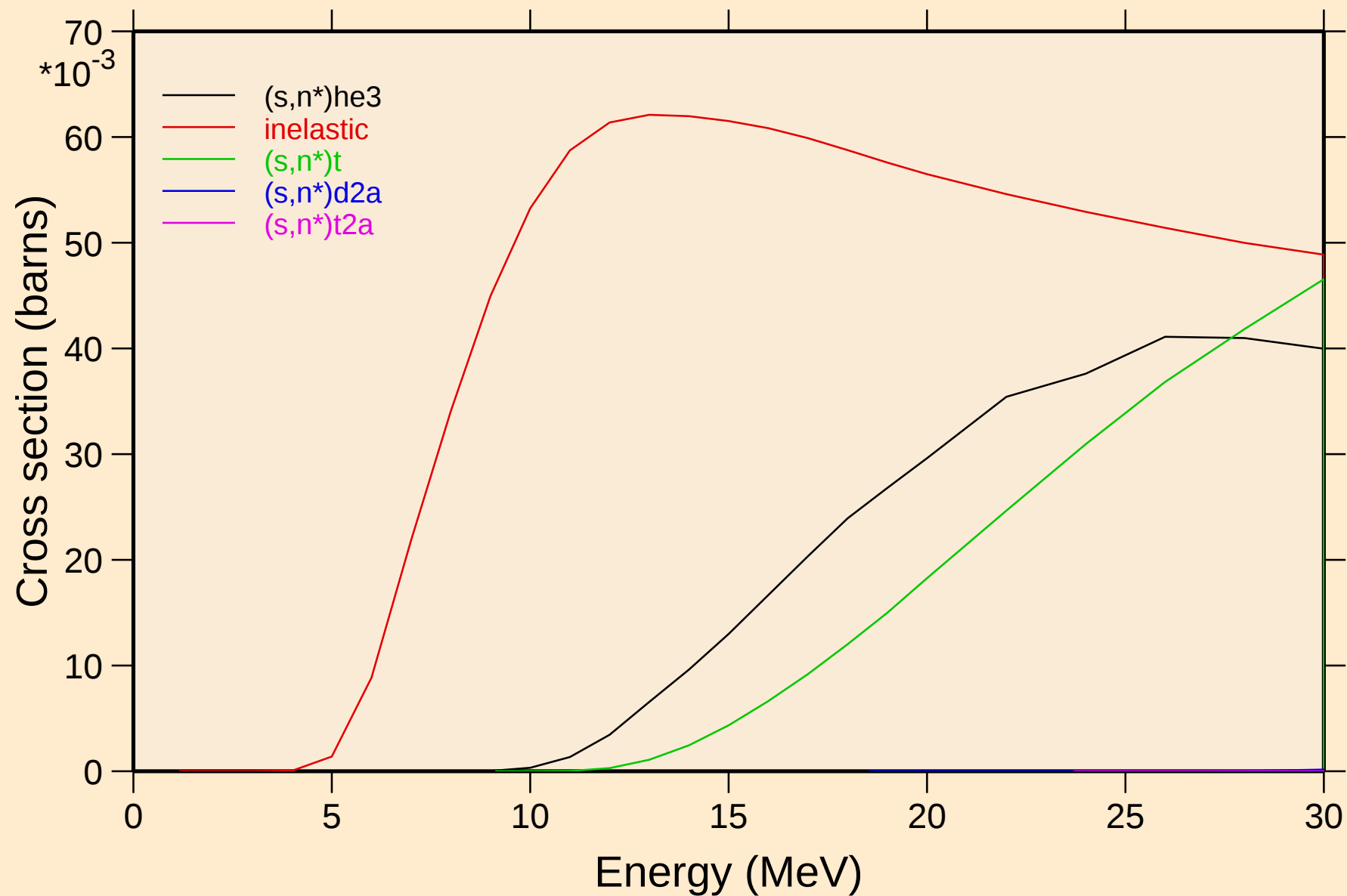


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



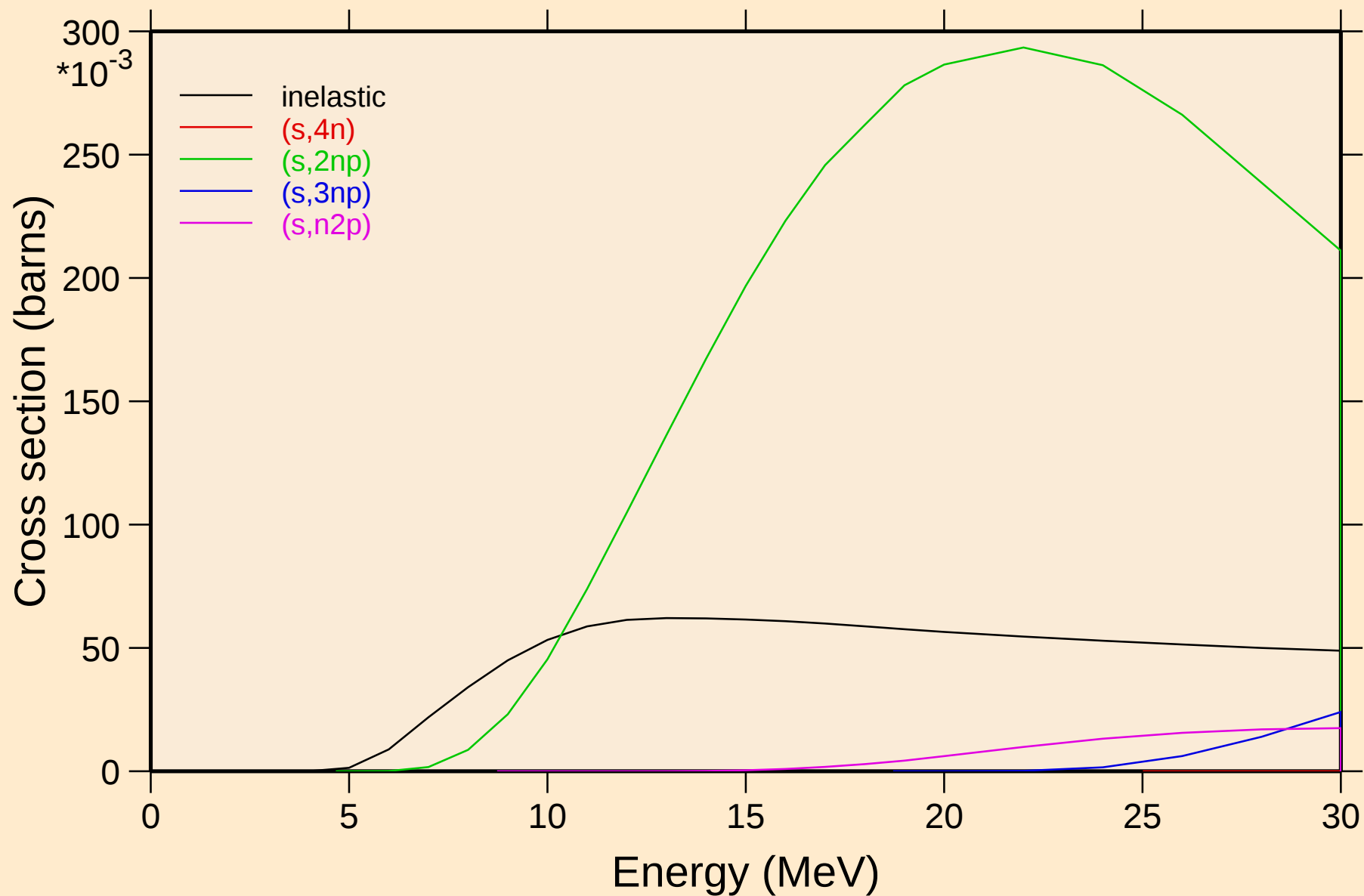
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



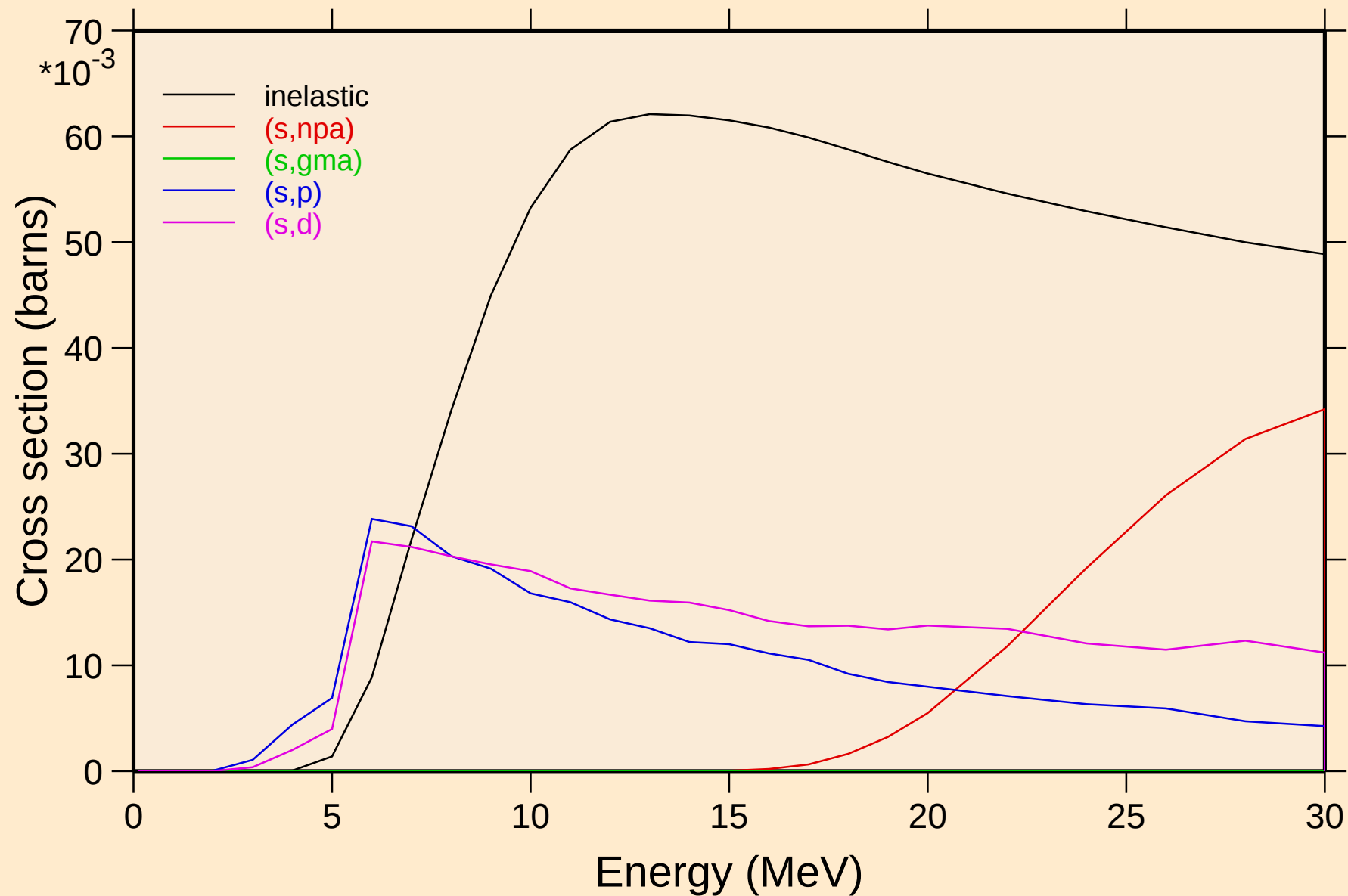
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Threshold reactions



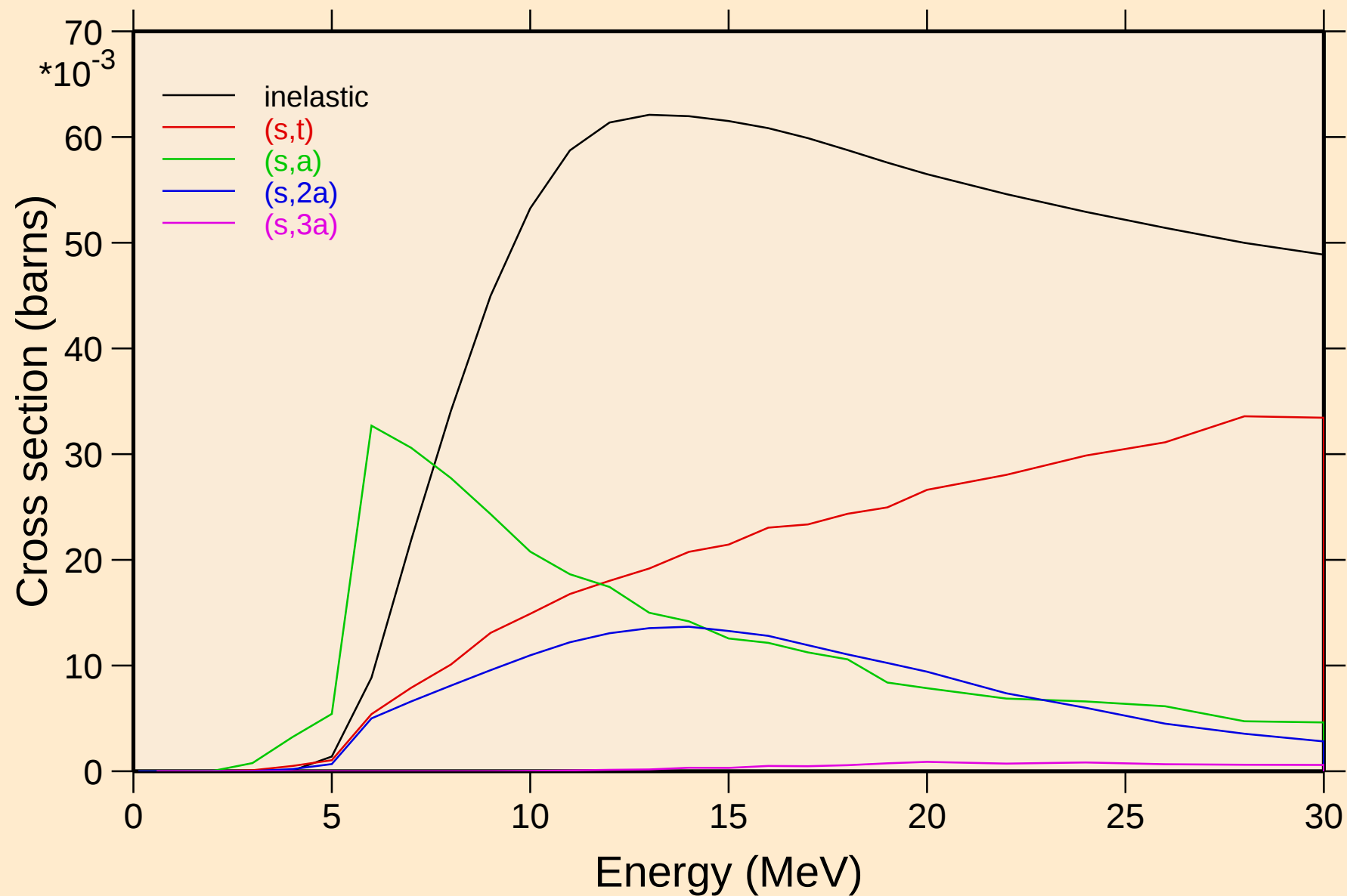
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Threshold reactions



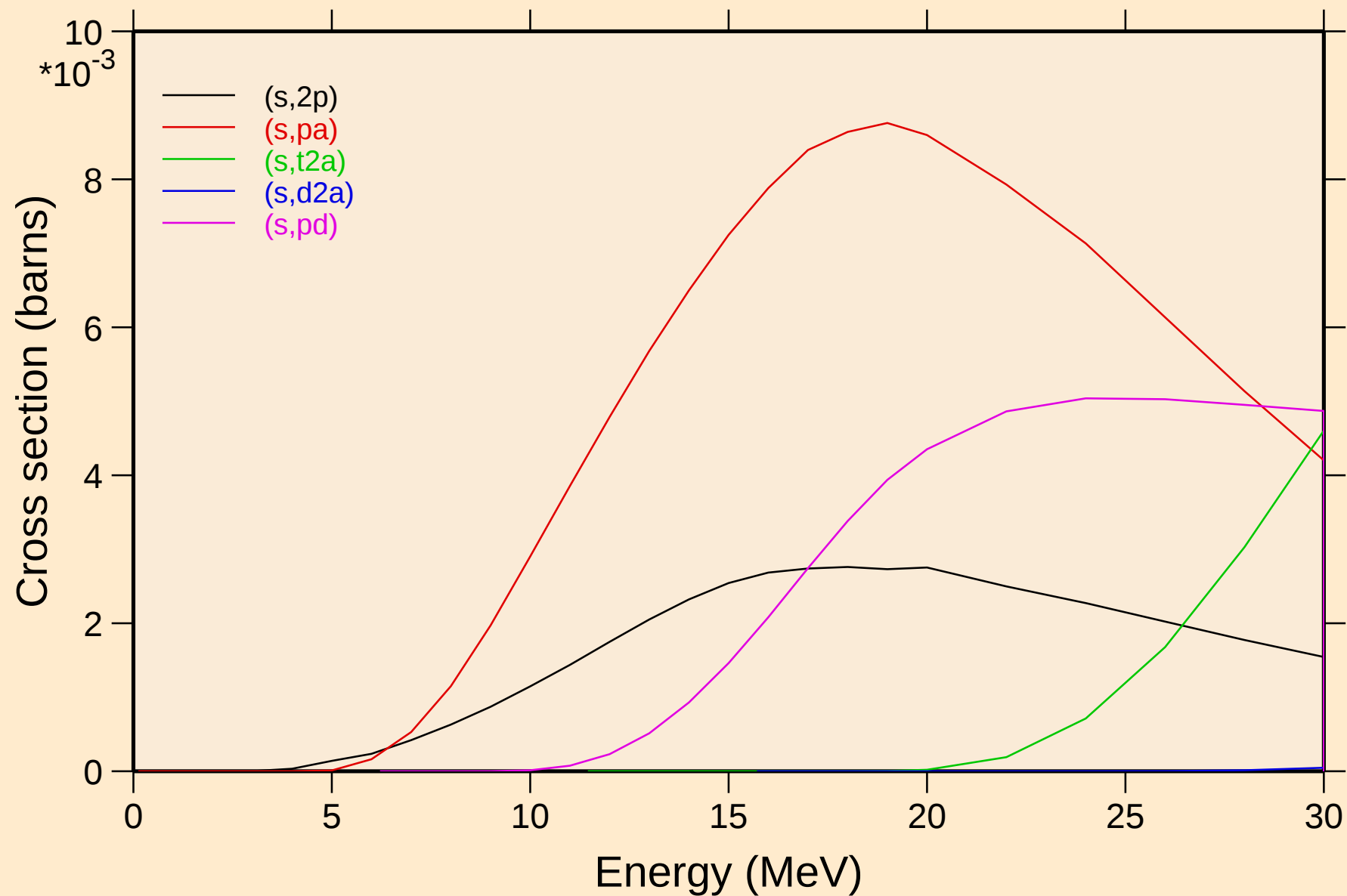
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Threshold reactions



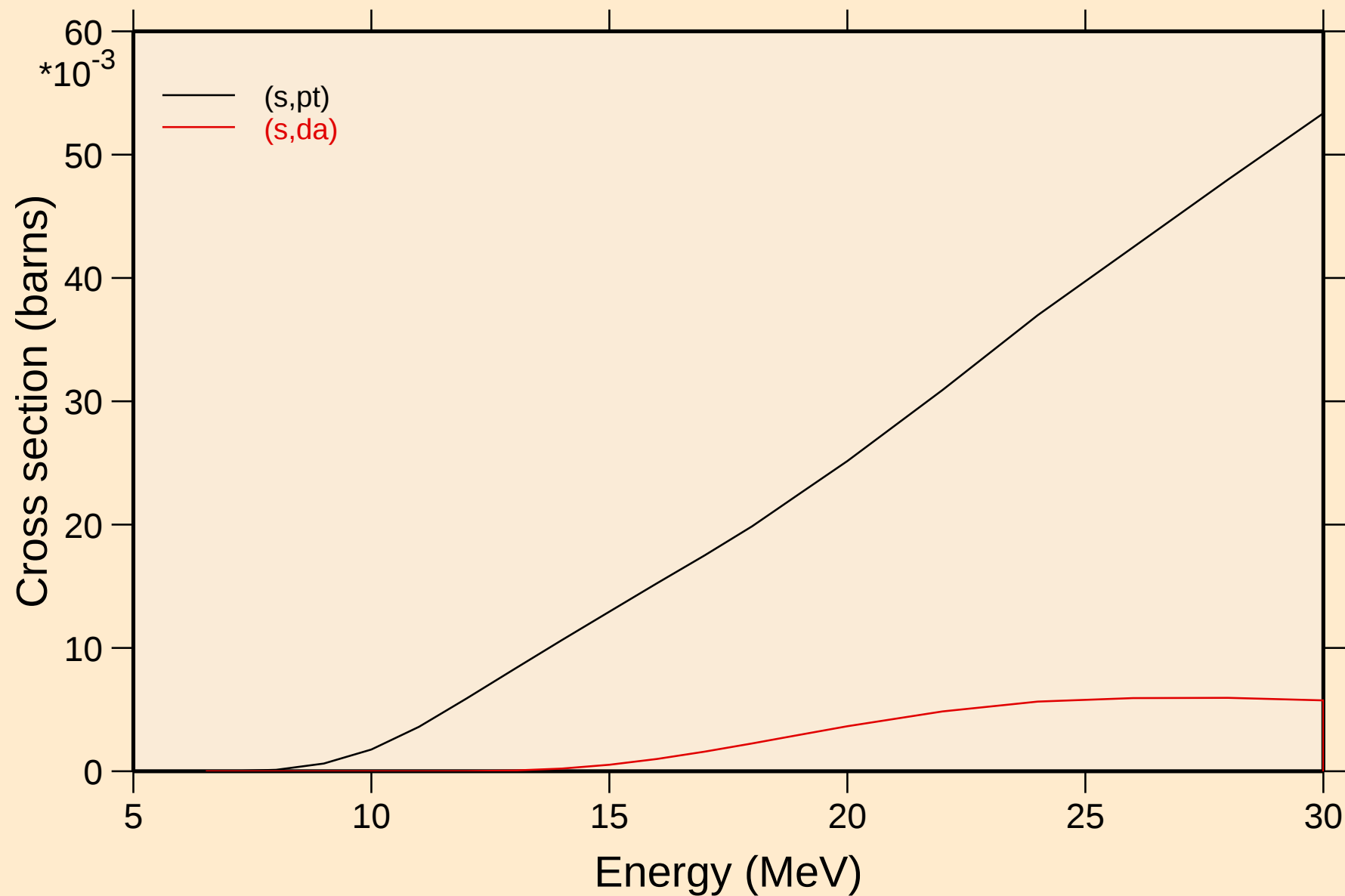
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Threshold reactions

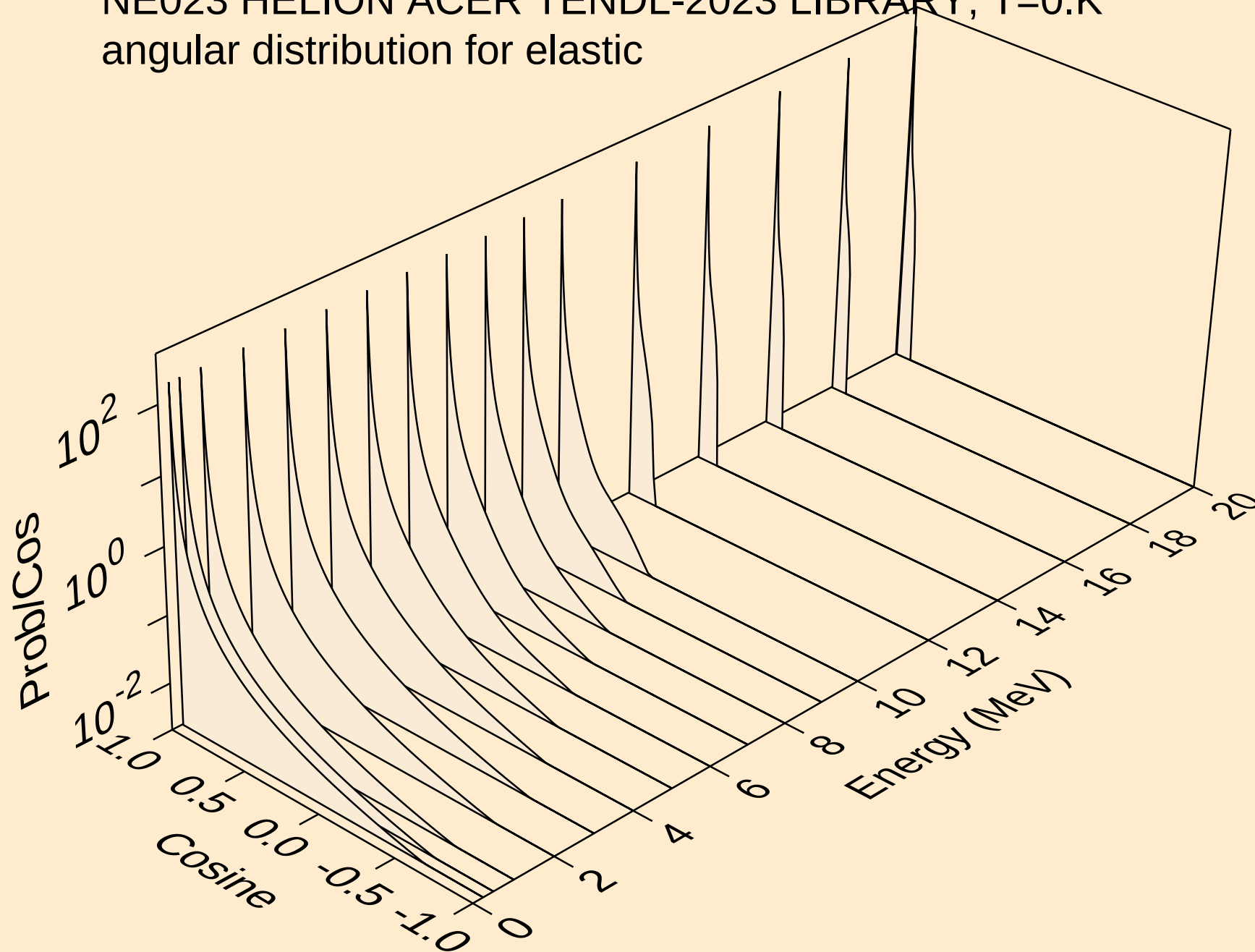


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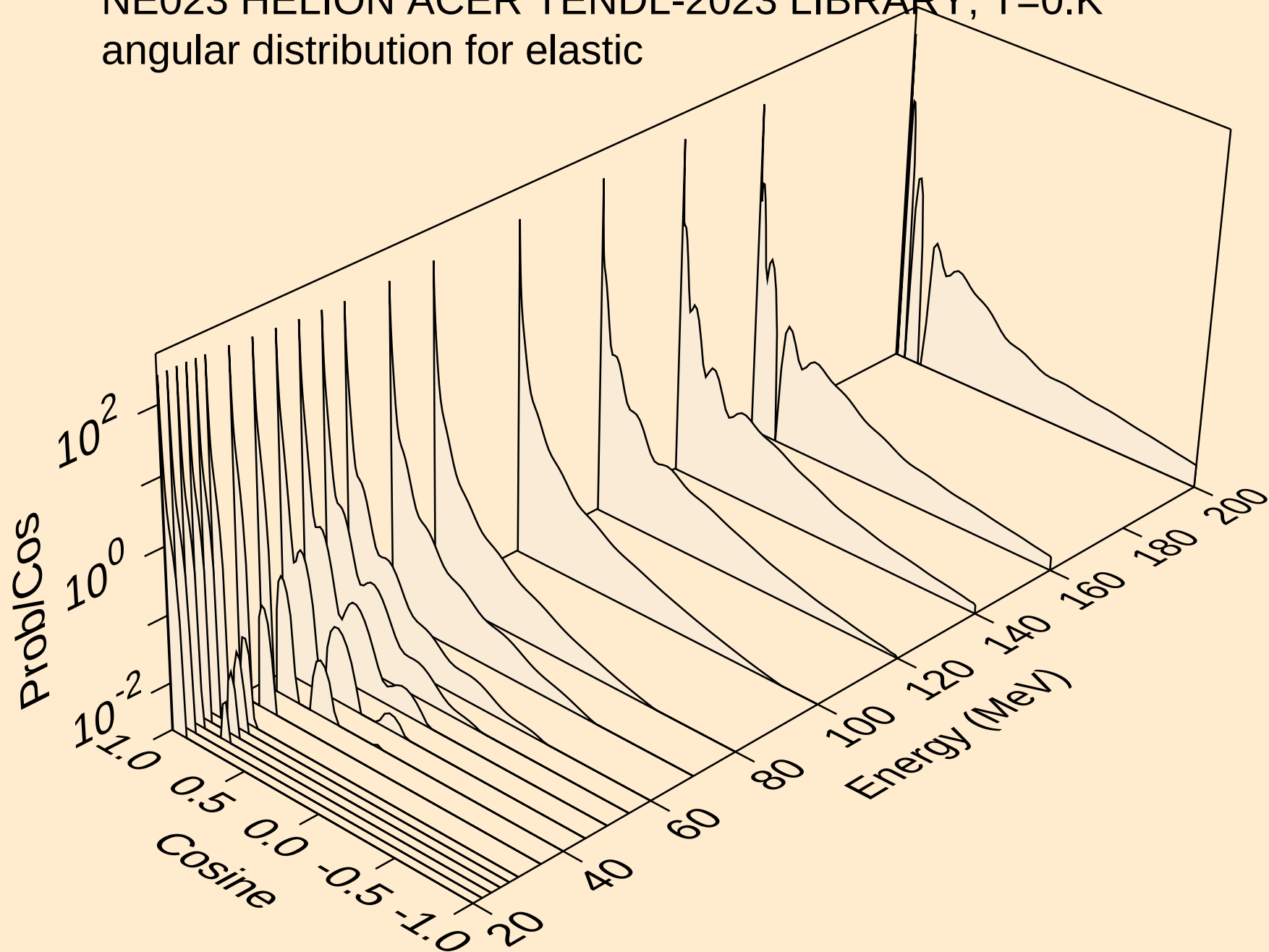
Threshold reactions



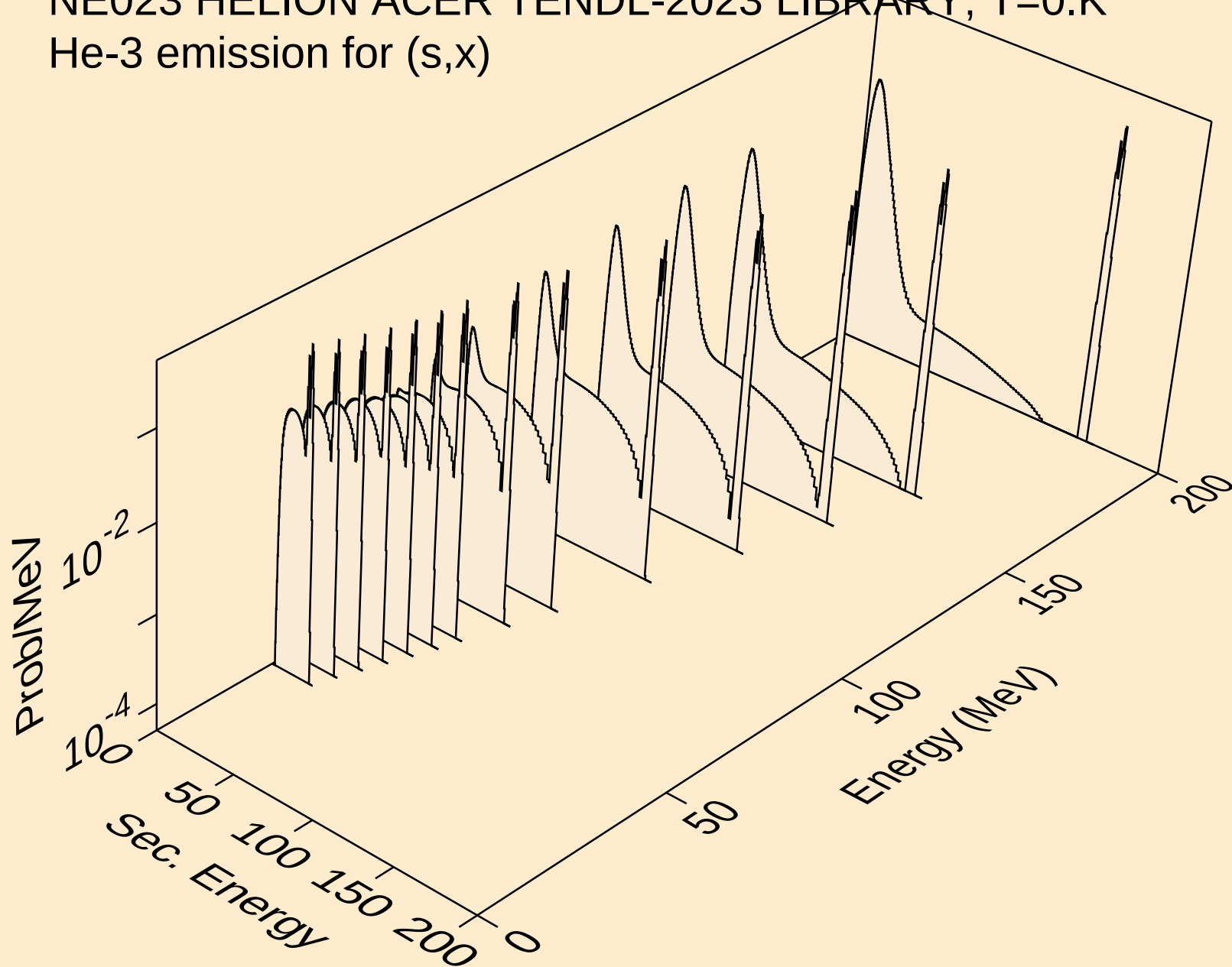
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



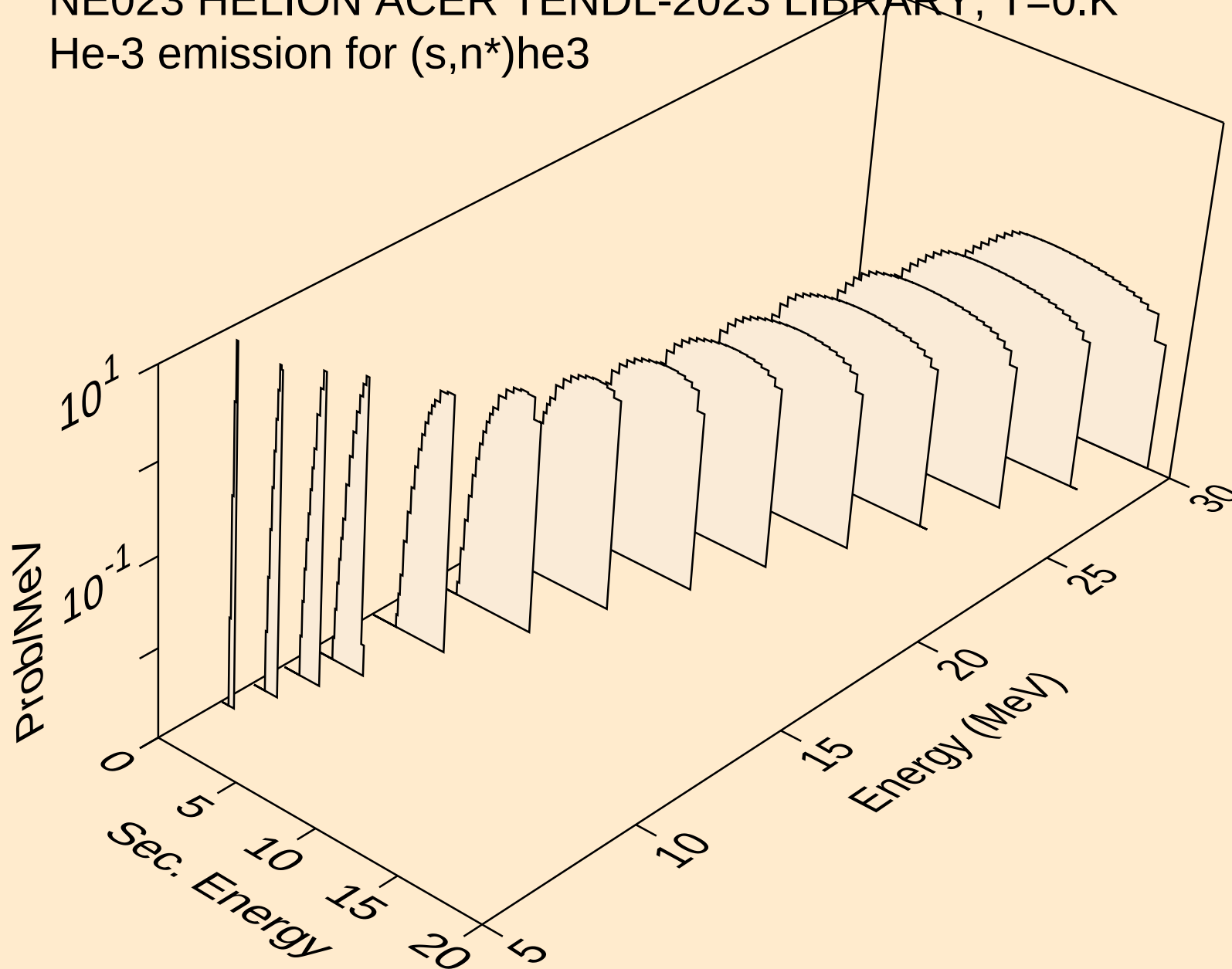
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



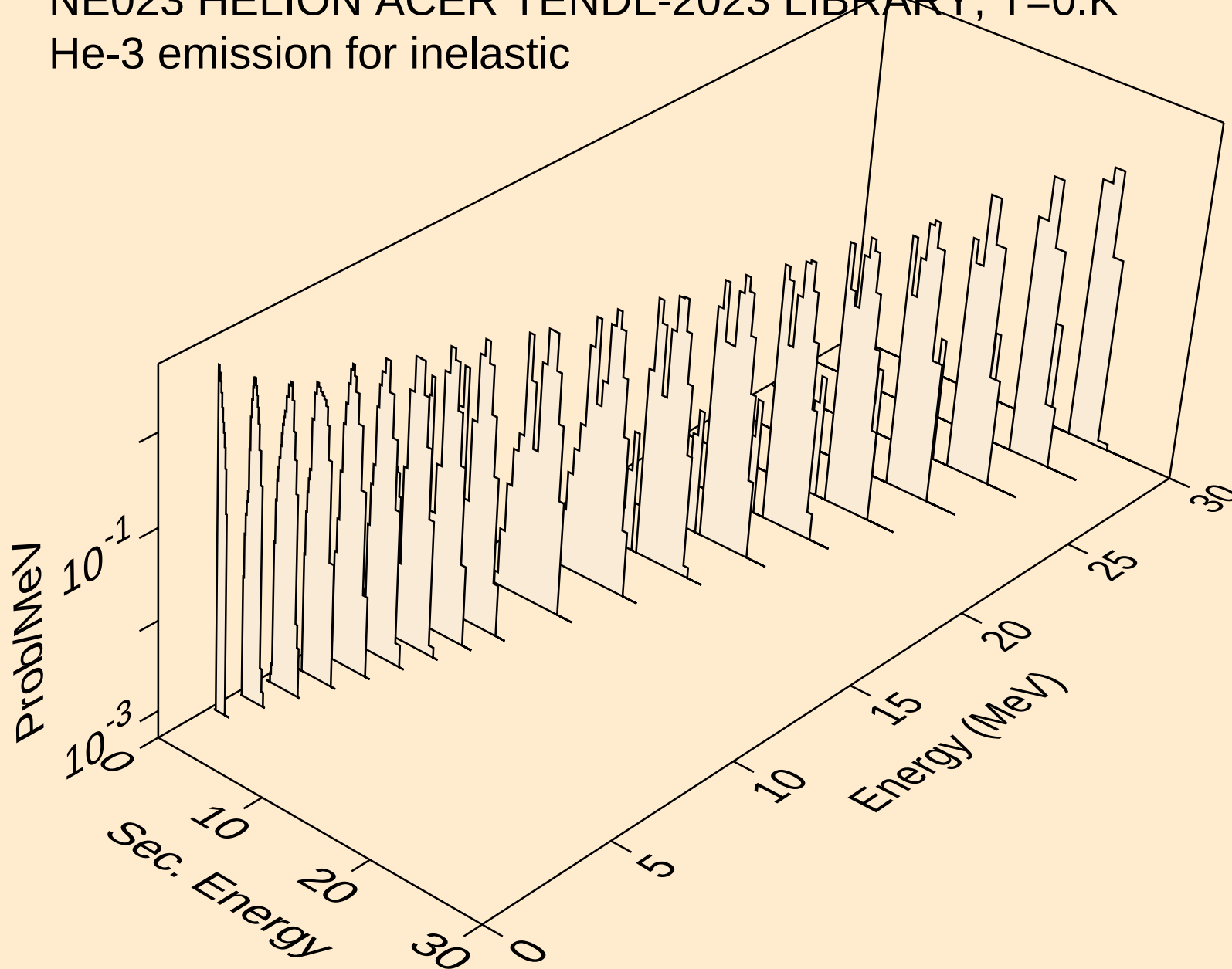
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,x)



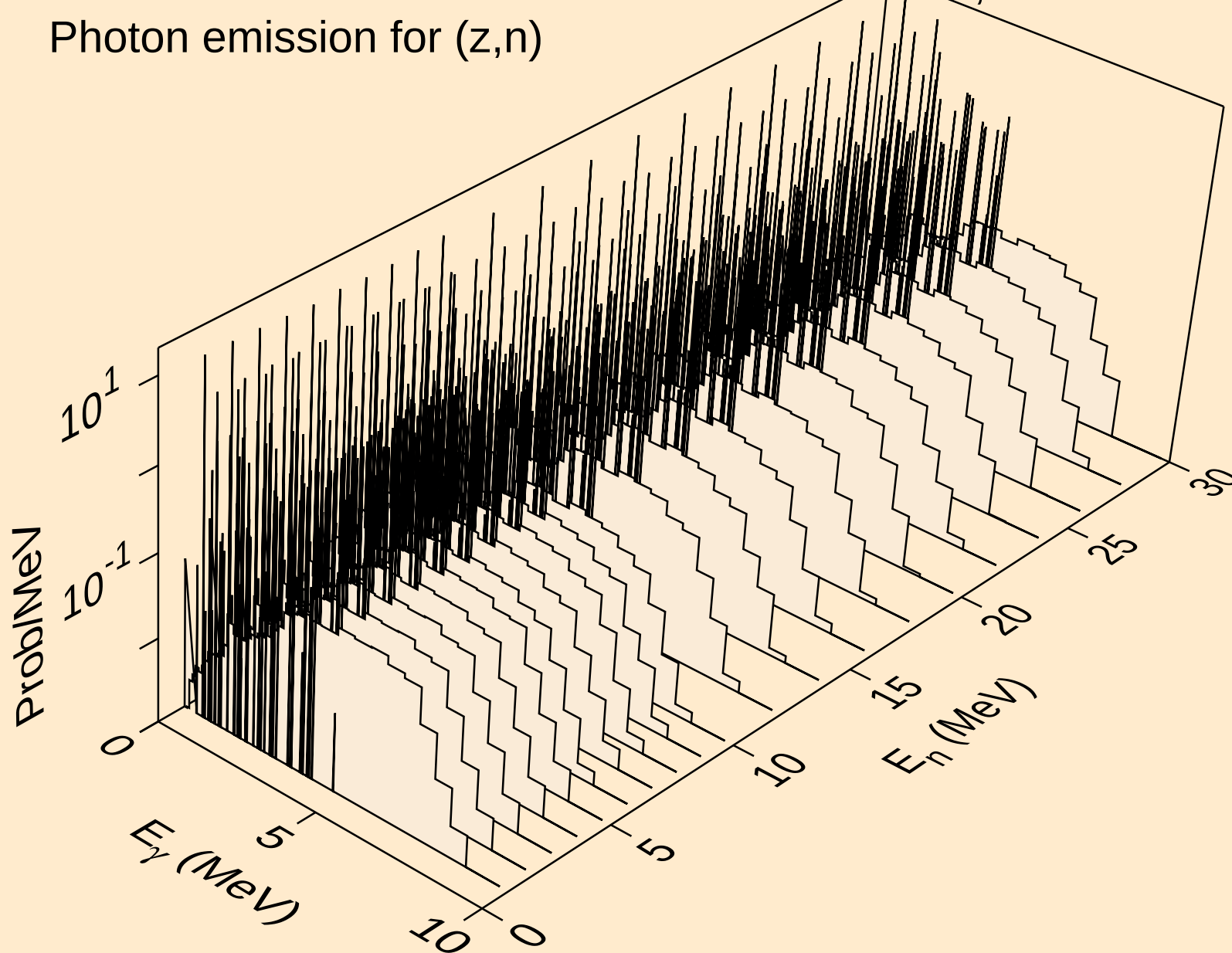
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for inelastic

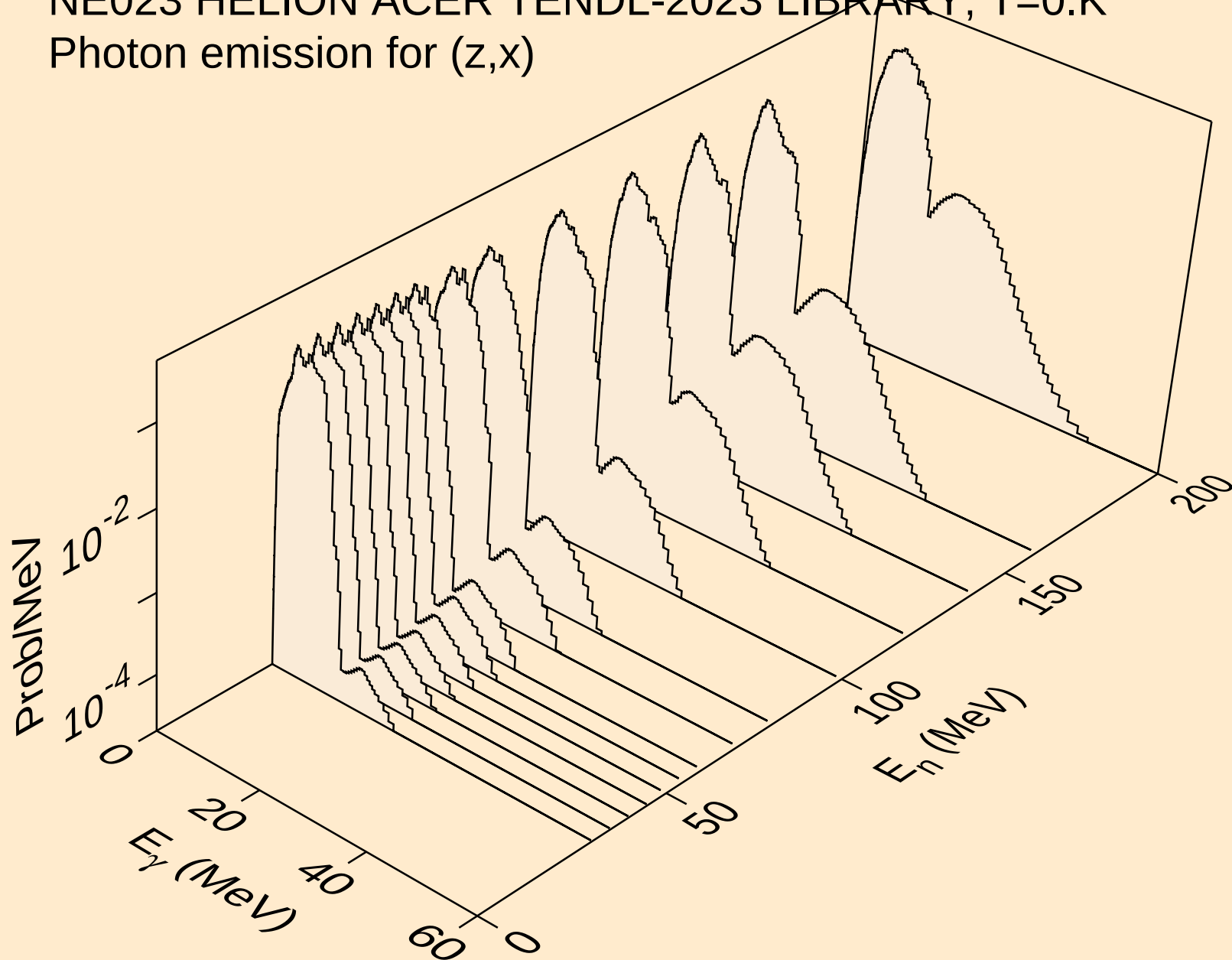


NE023 HELION ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (z,n)

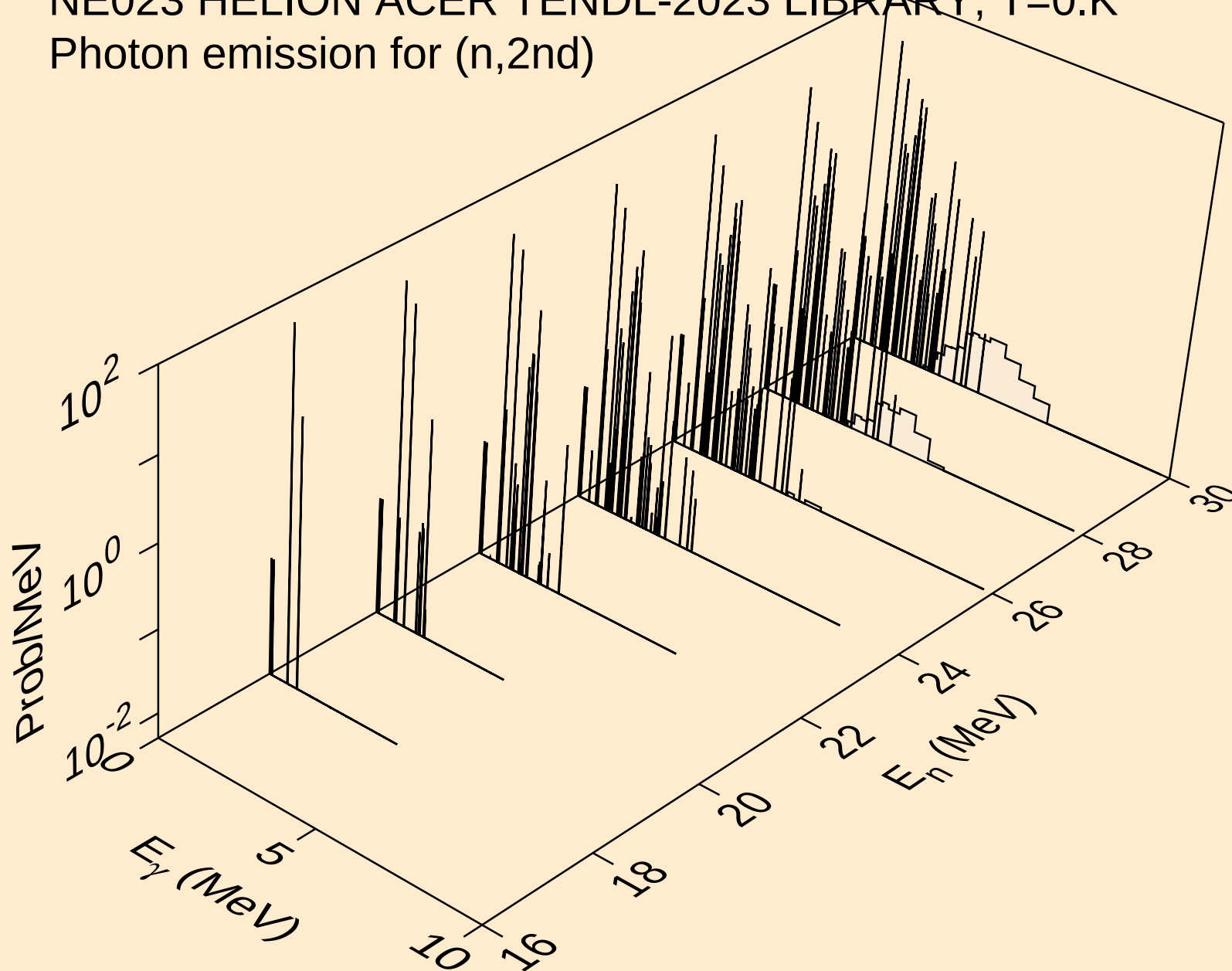


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

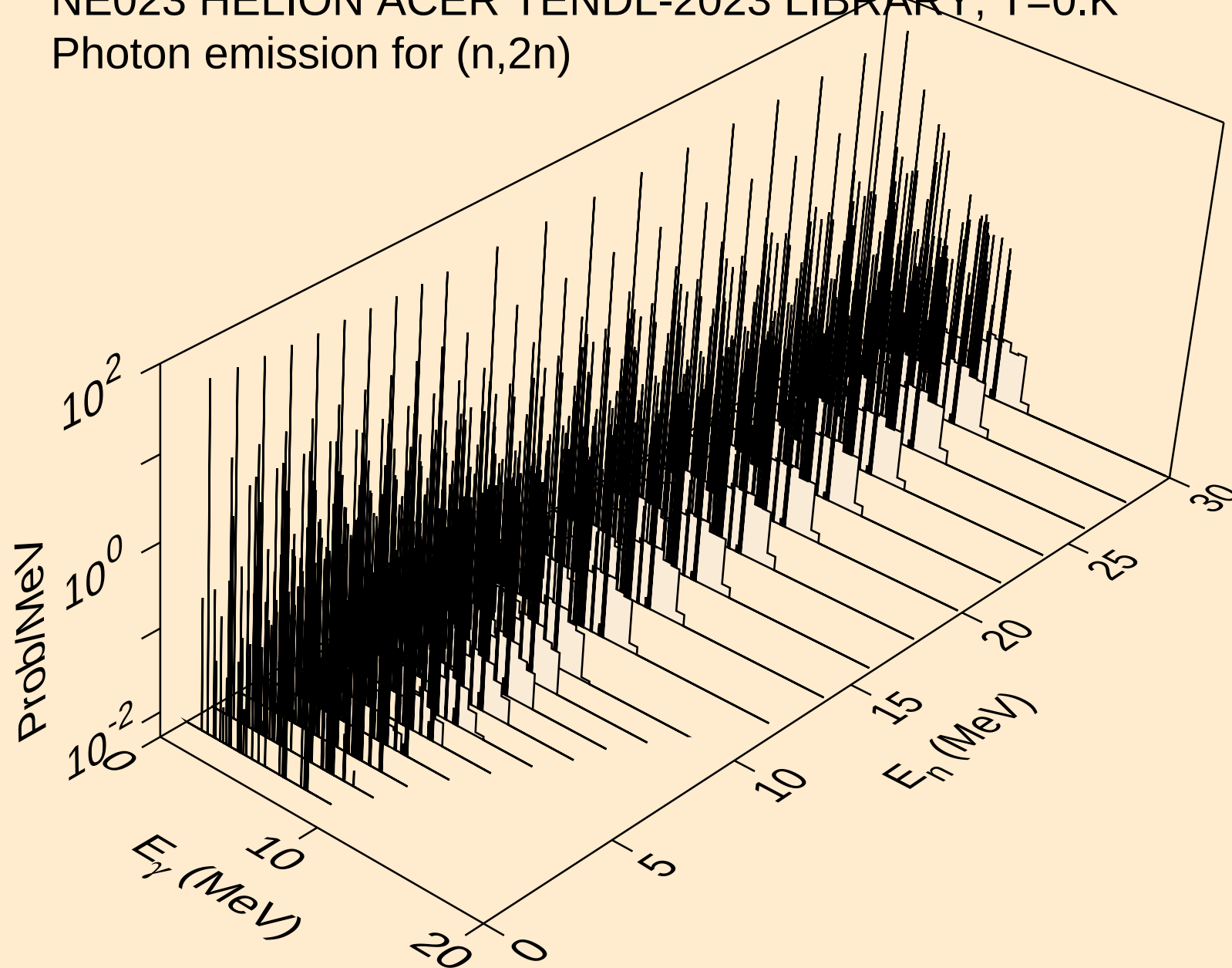
Photon emission for (z,x)



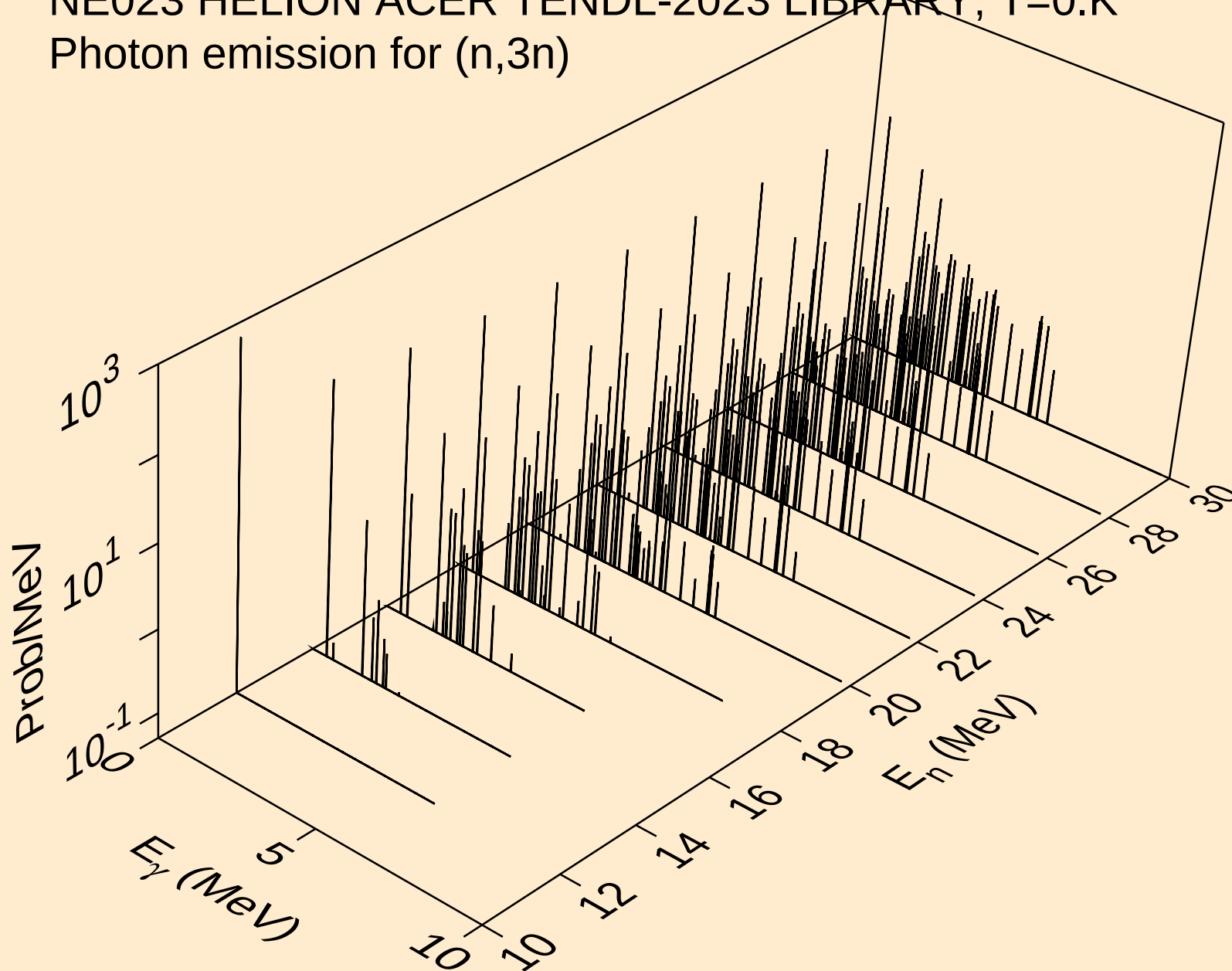
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

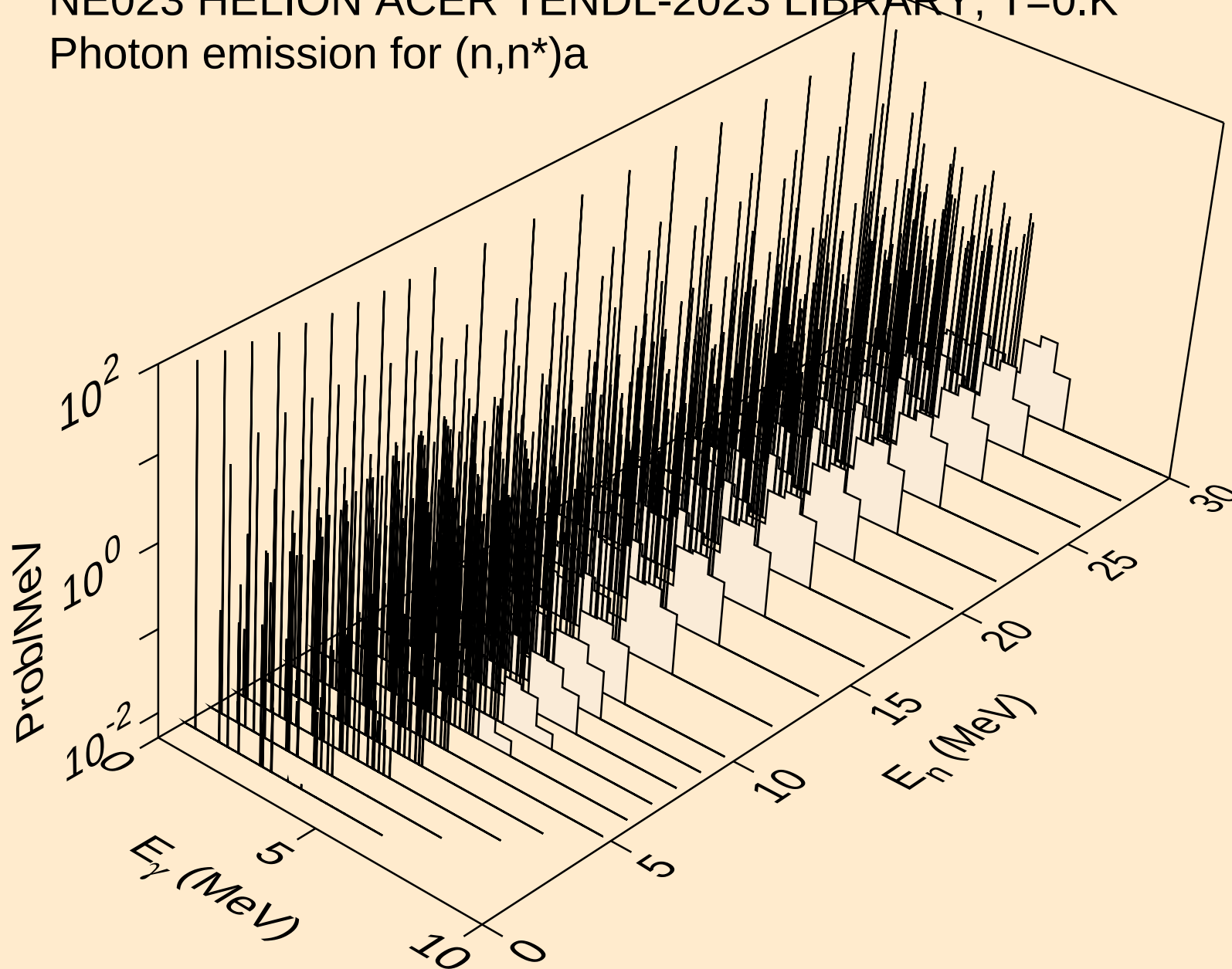


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



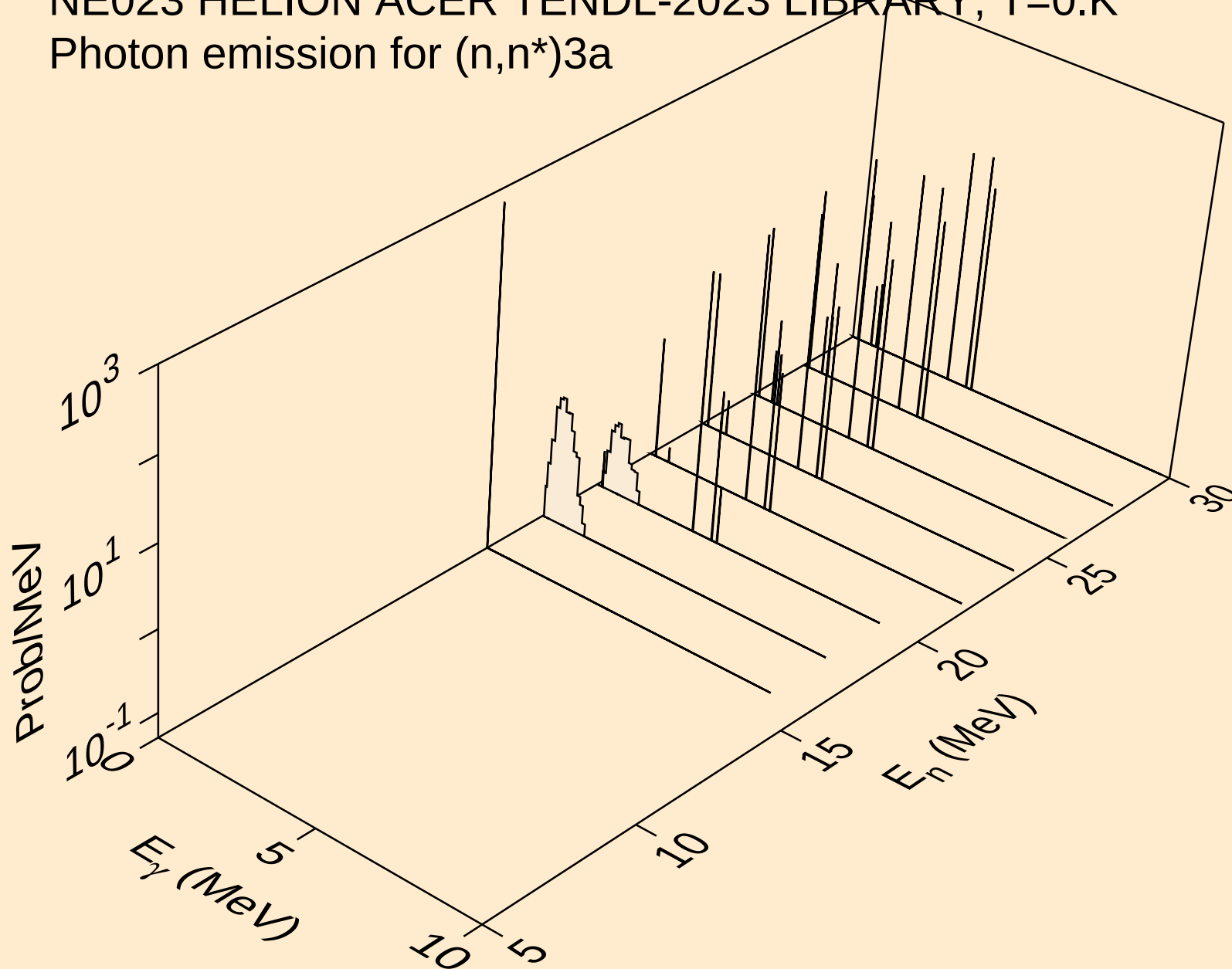
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



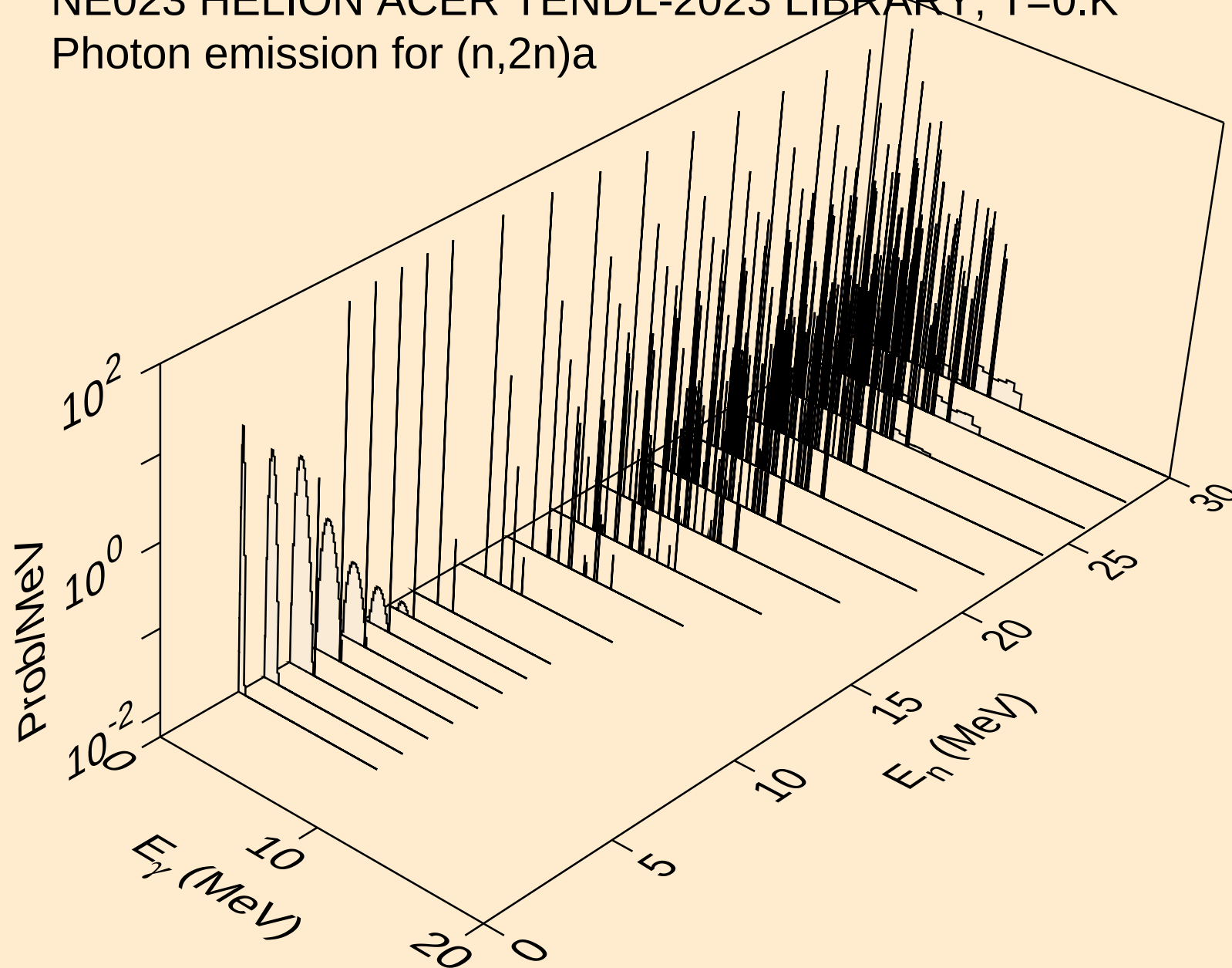
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)3a



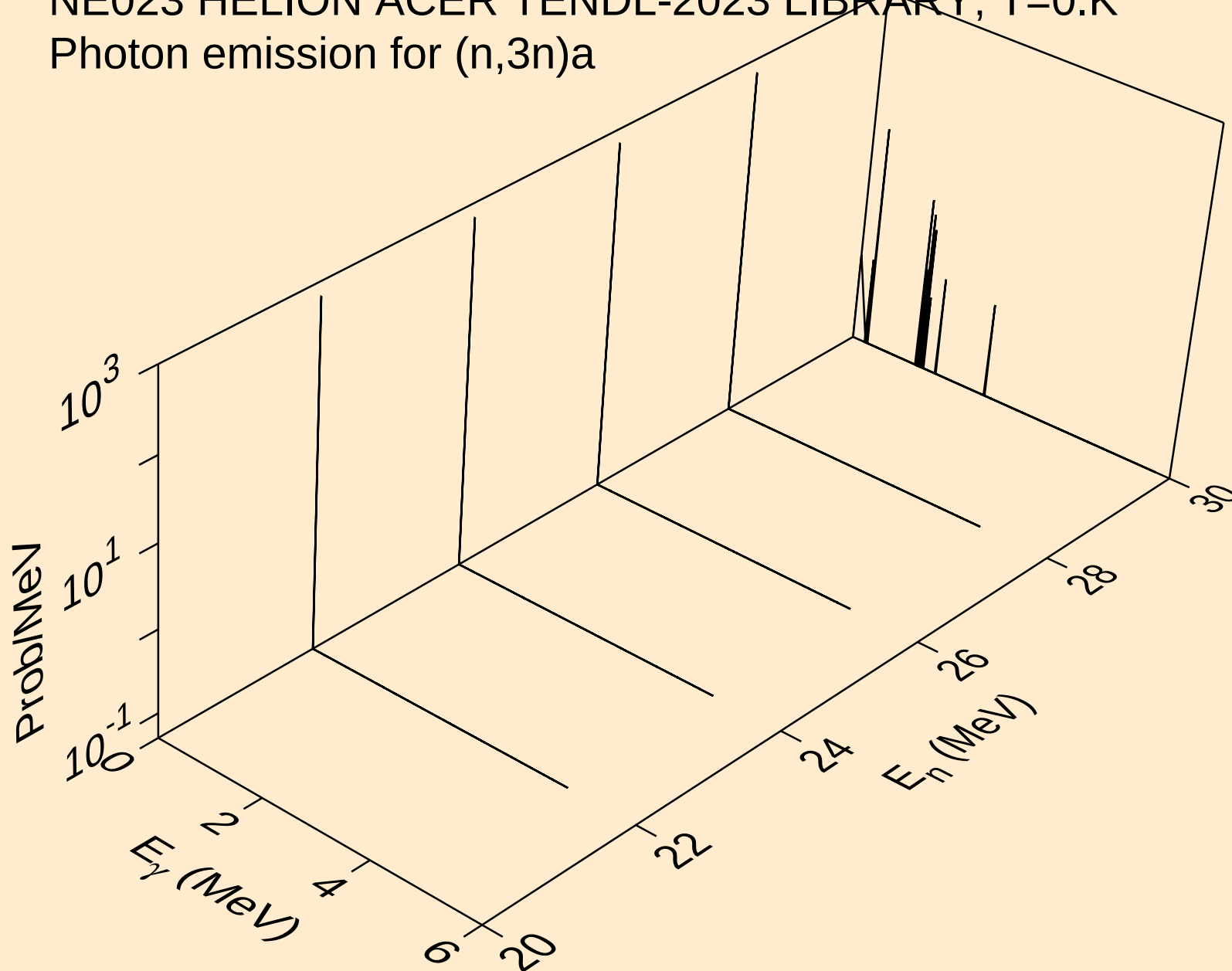
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



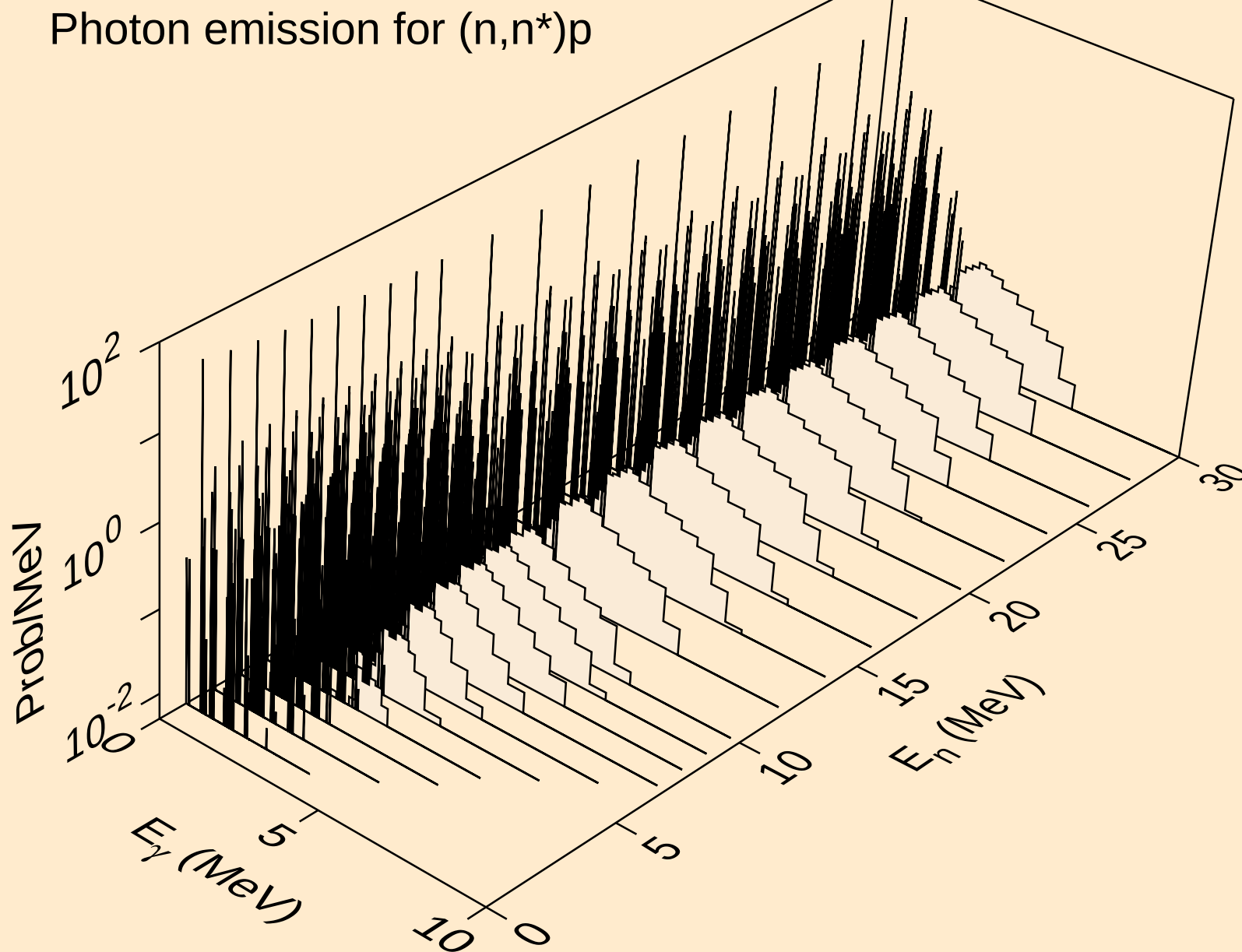
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Photon emission for (n,3n) α

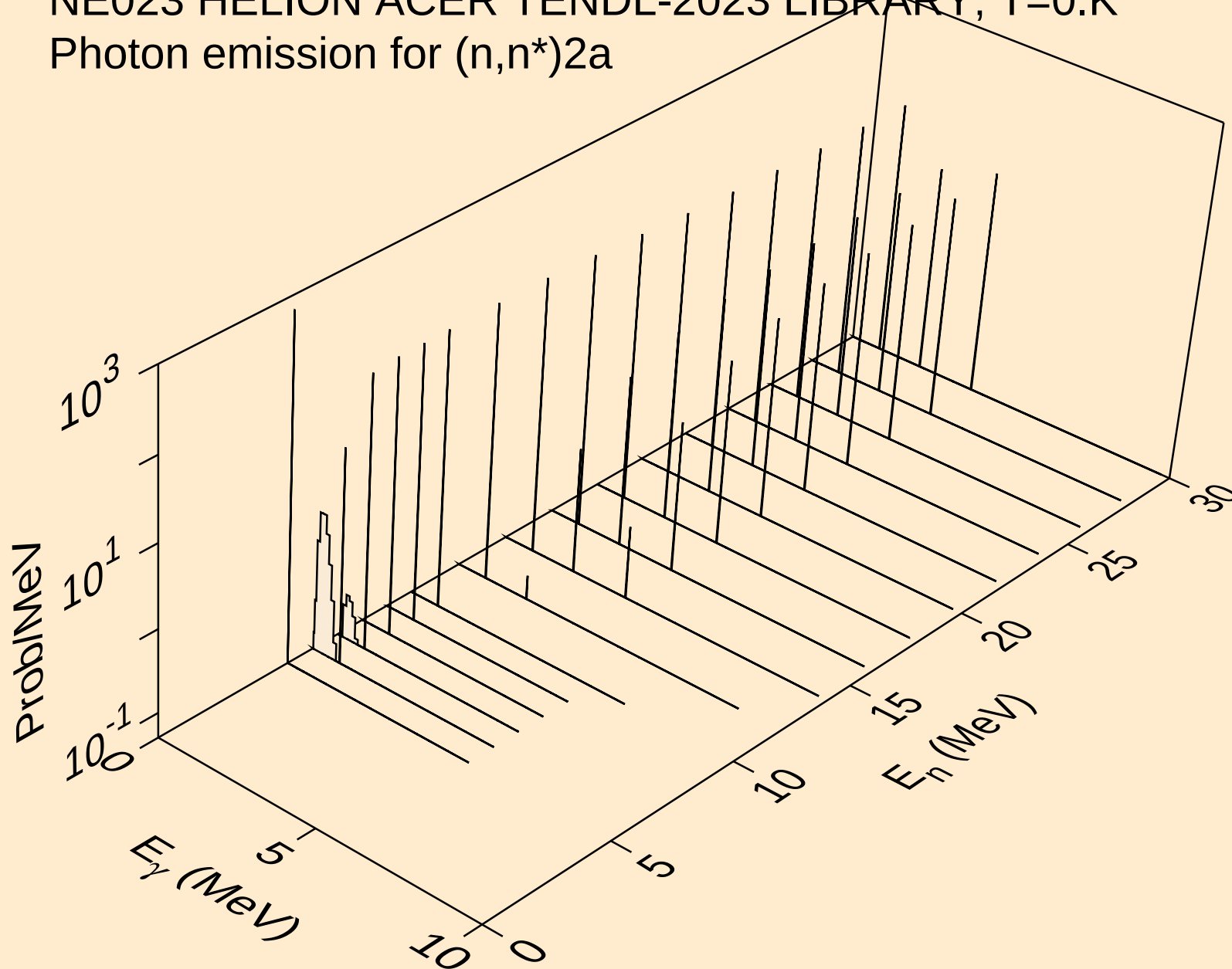


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p

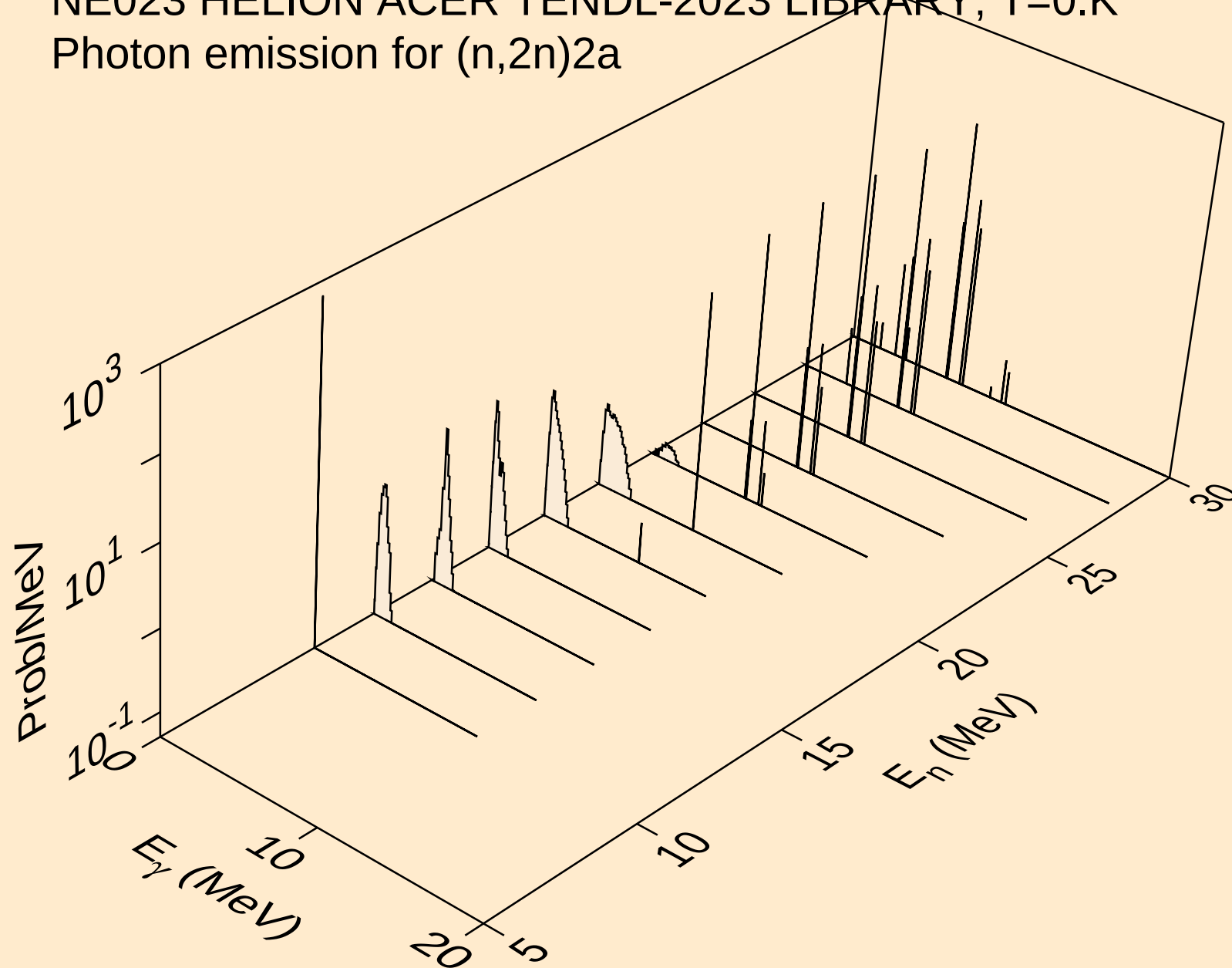


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



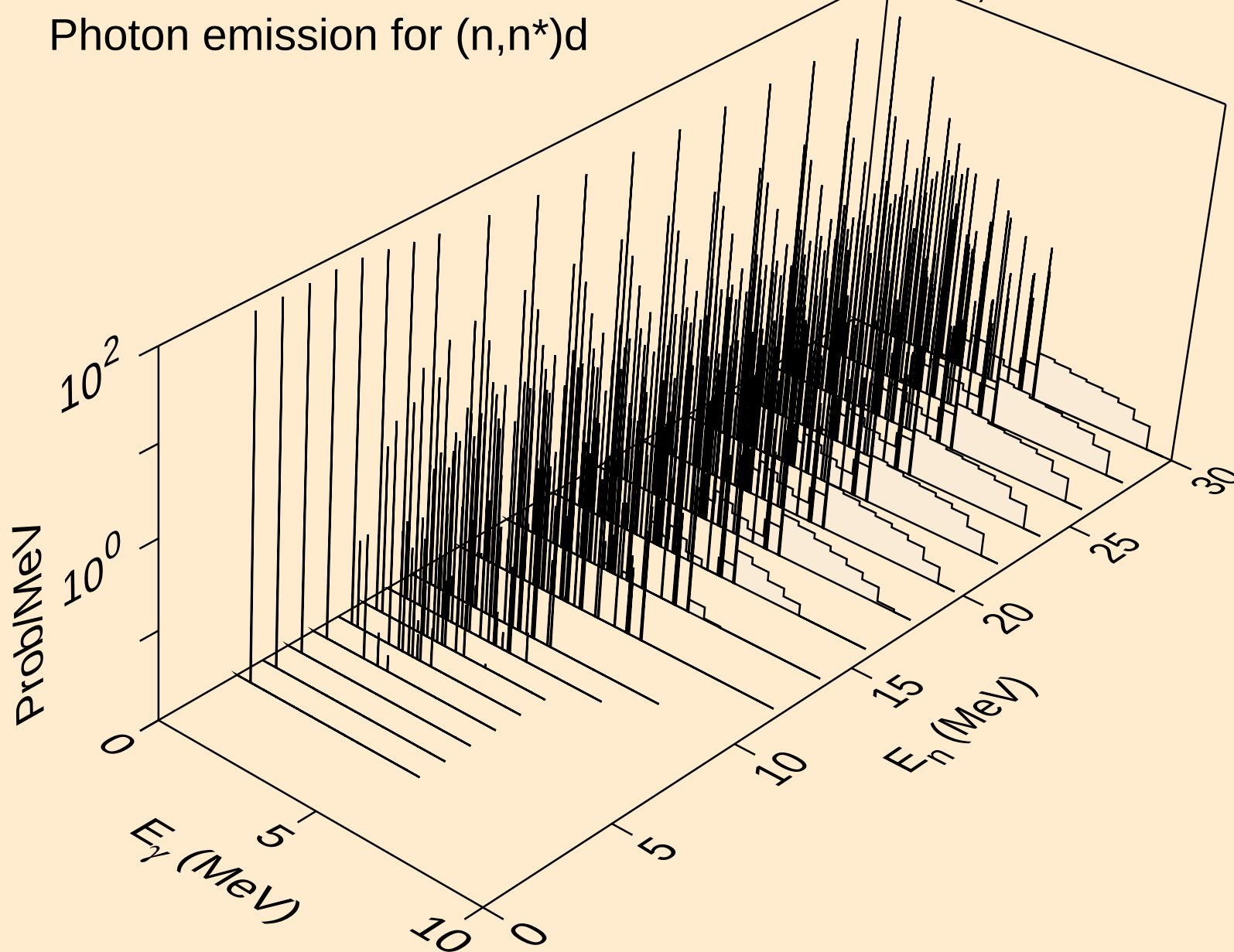
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n)2a



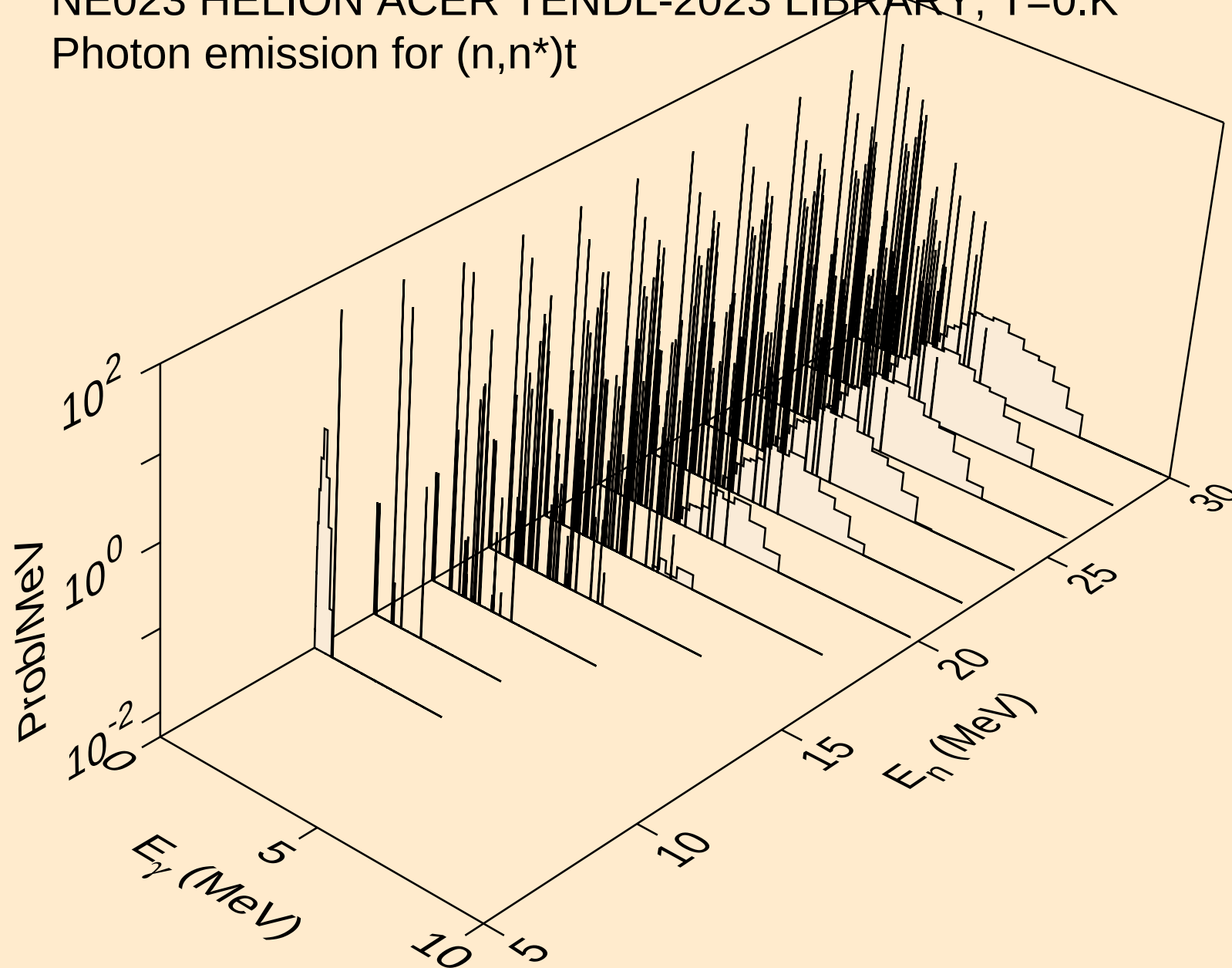
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d



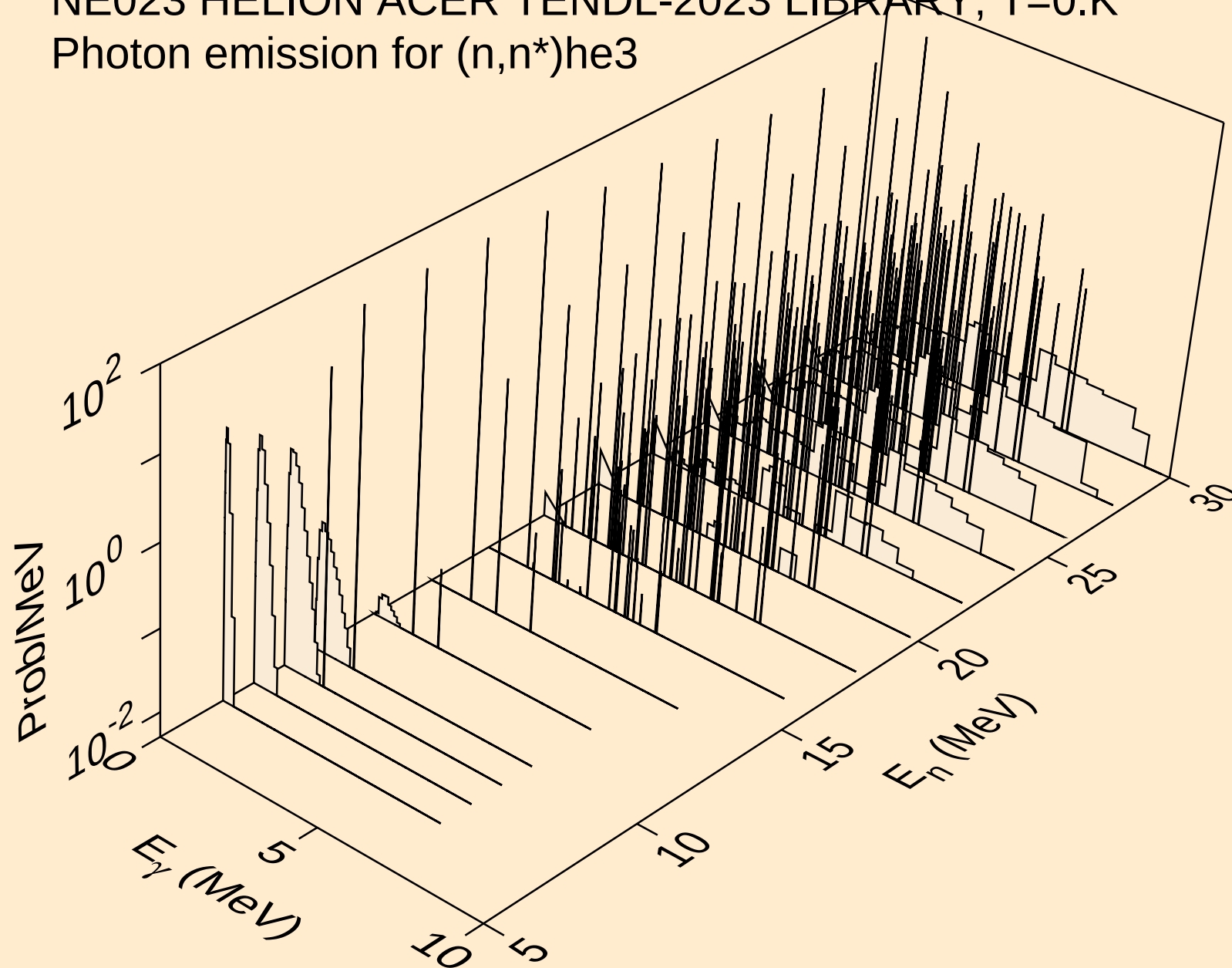
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)t



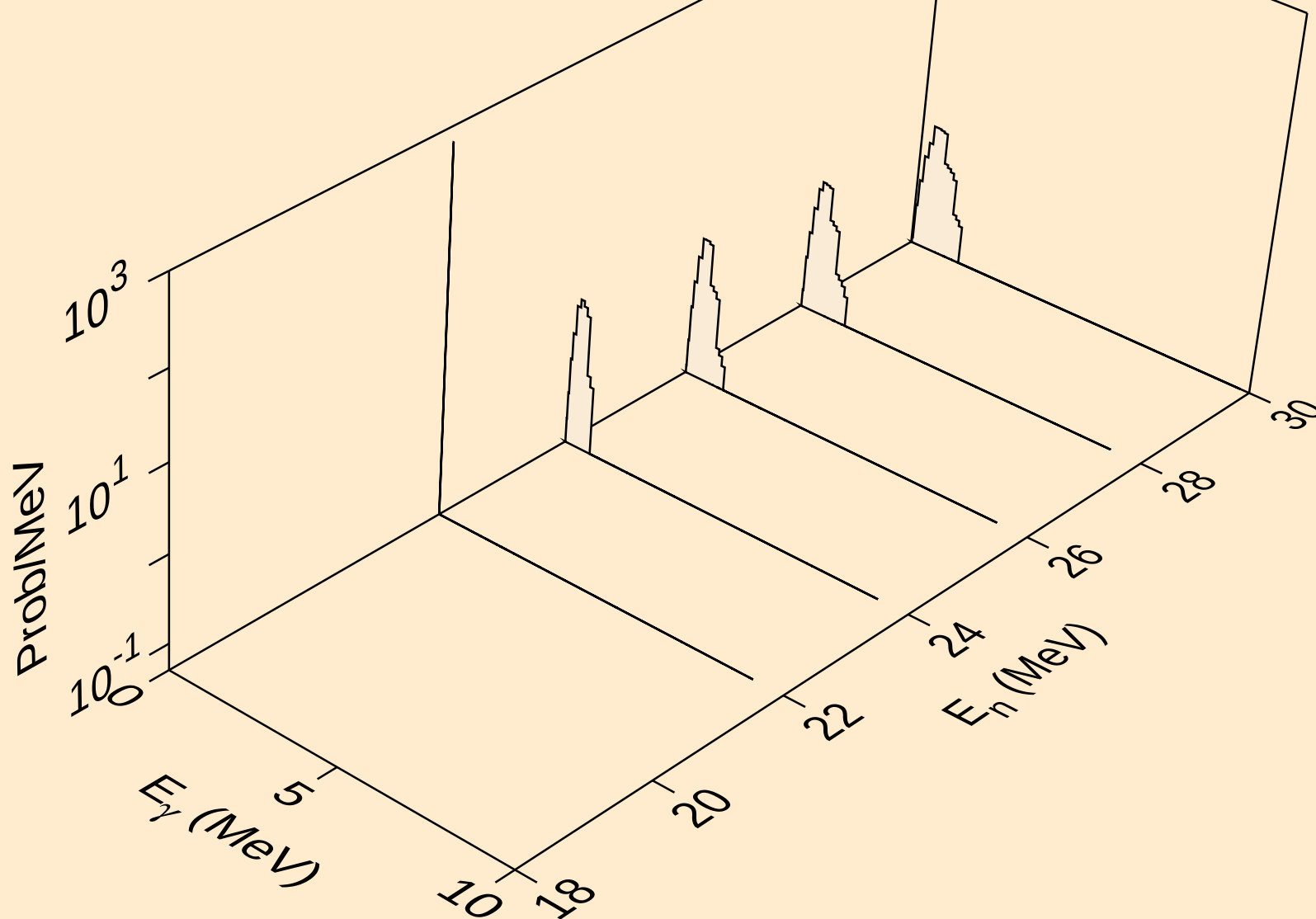
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)he3



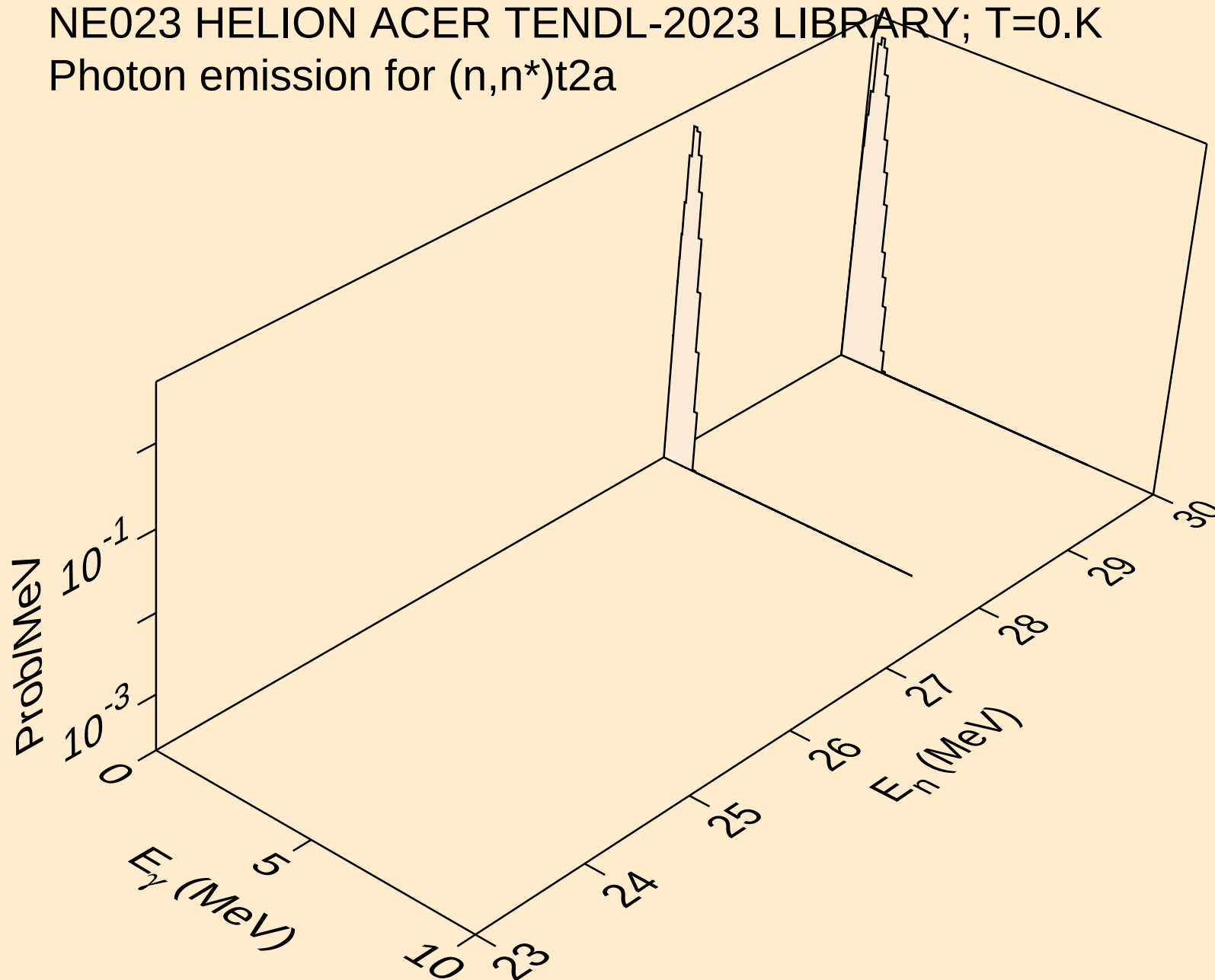
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d2a



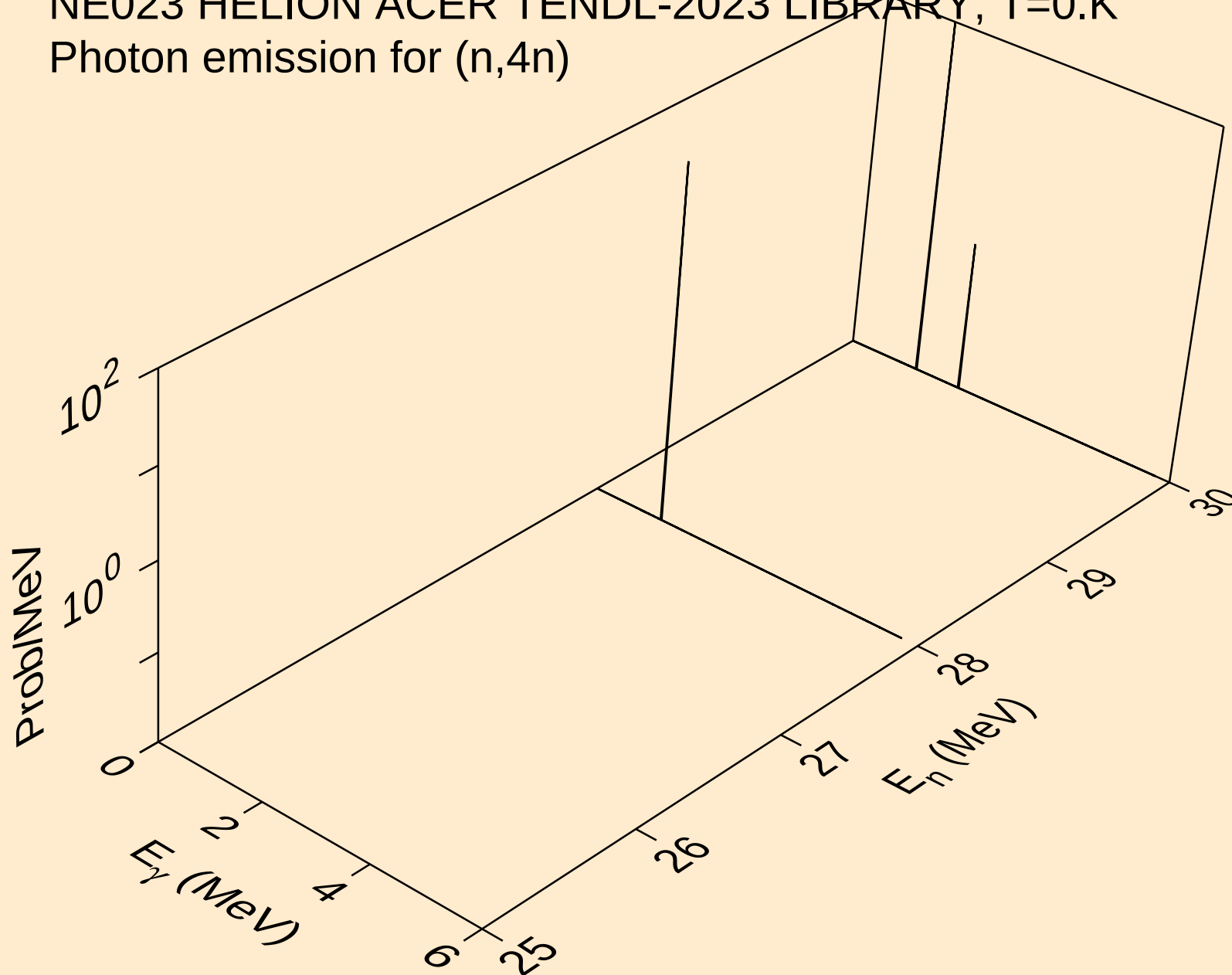
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)t2a

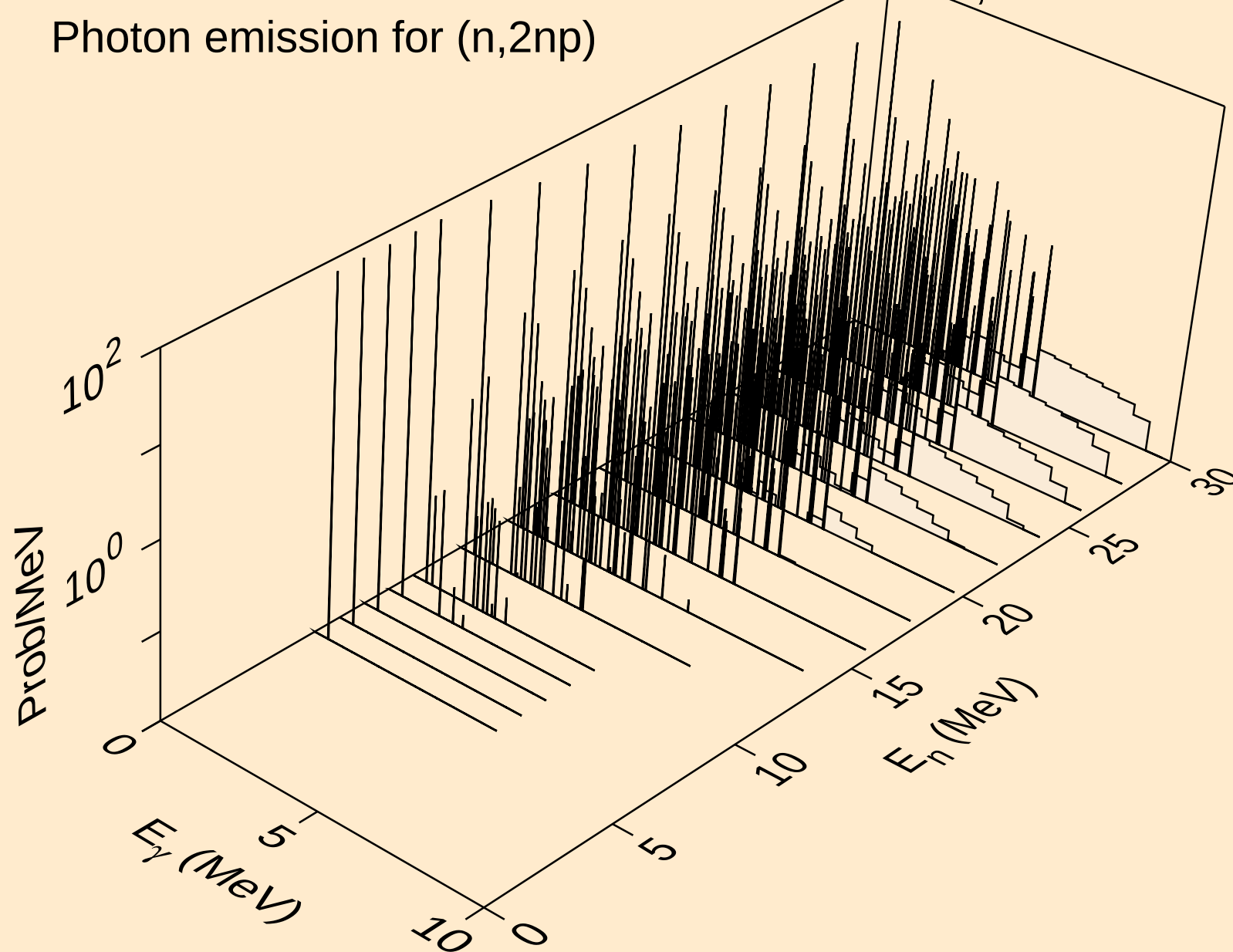


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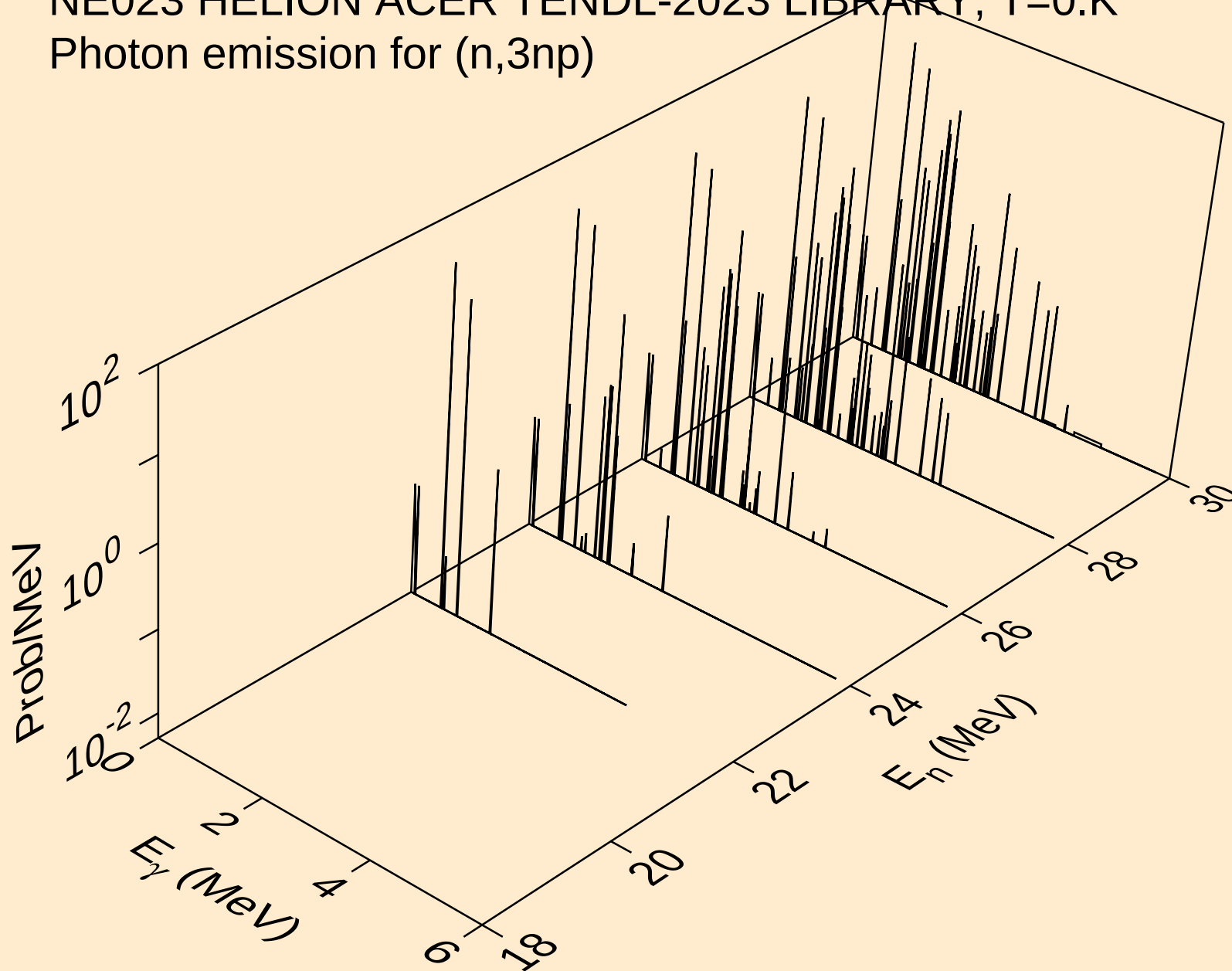
Photon emission for (n,4n)



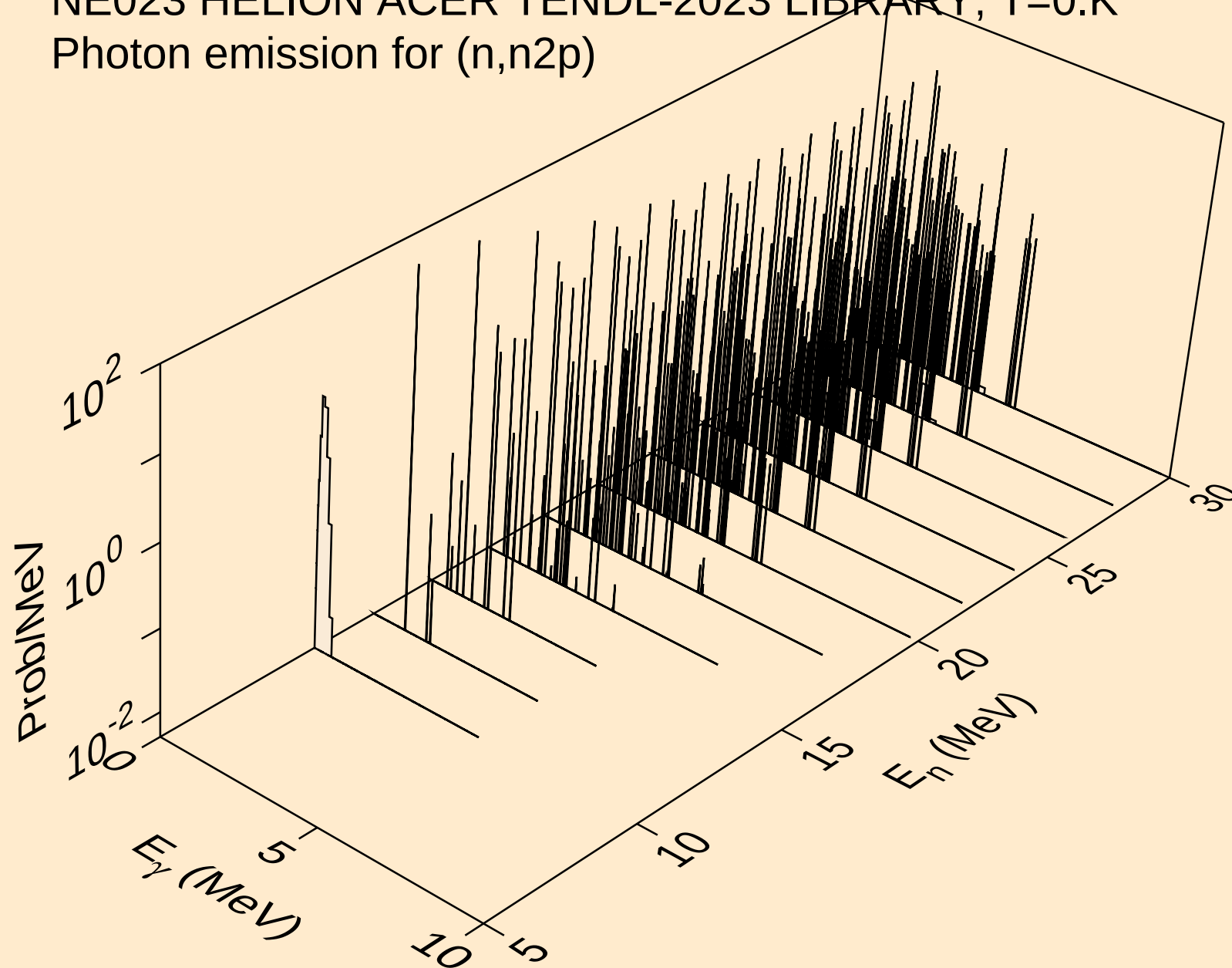
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



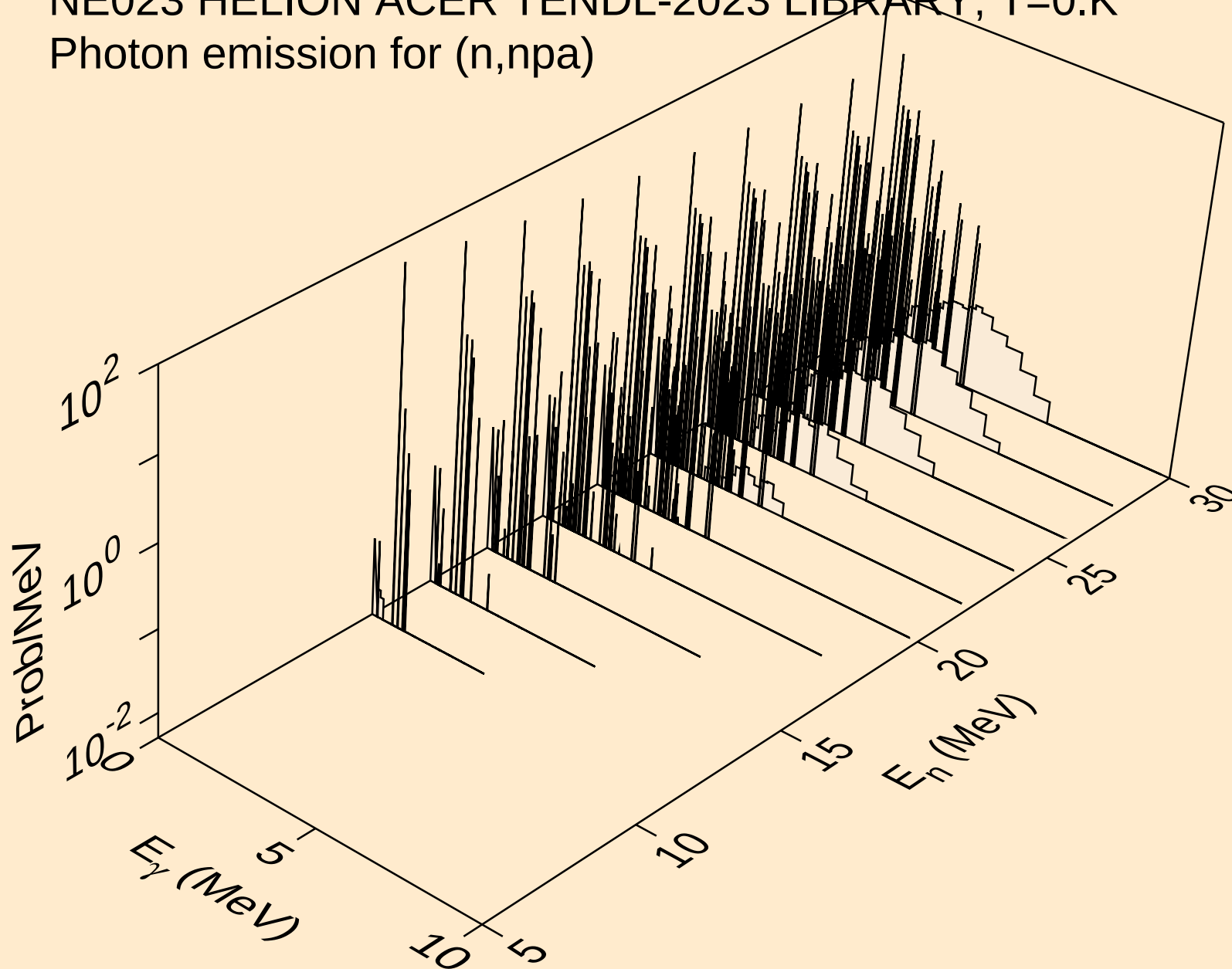
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



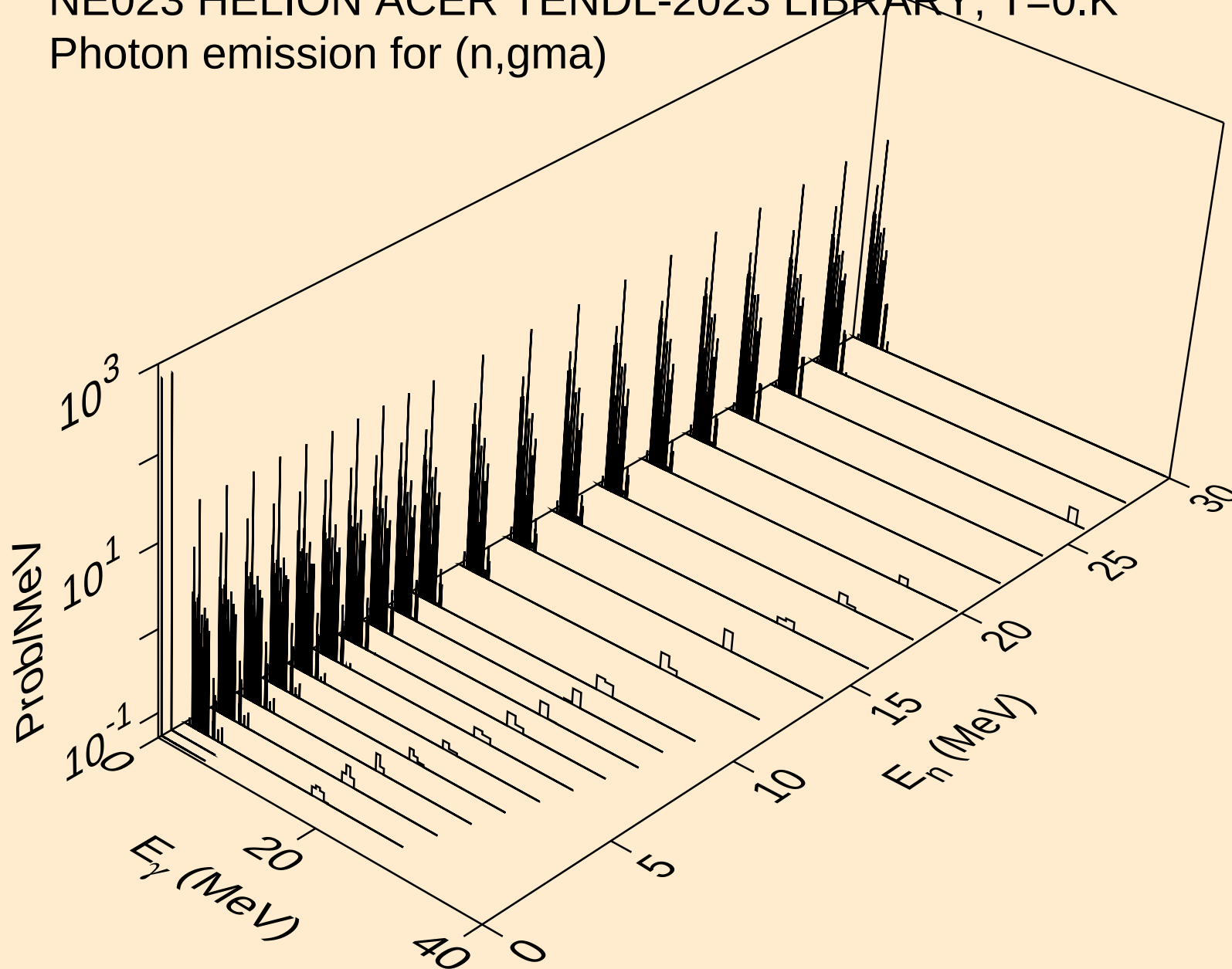
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)

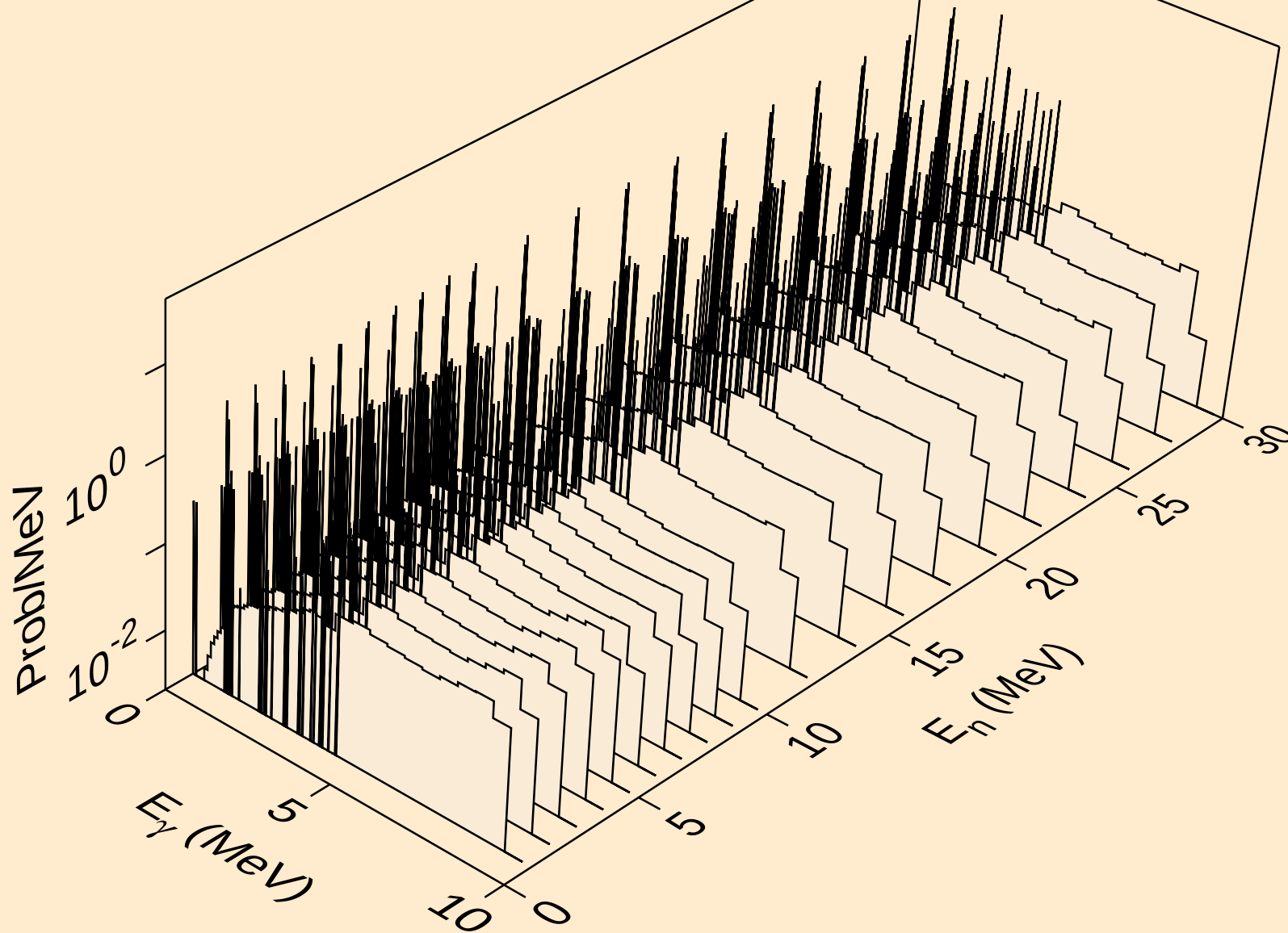


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)

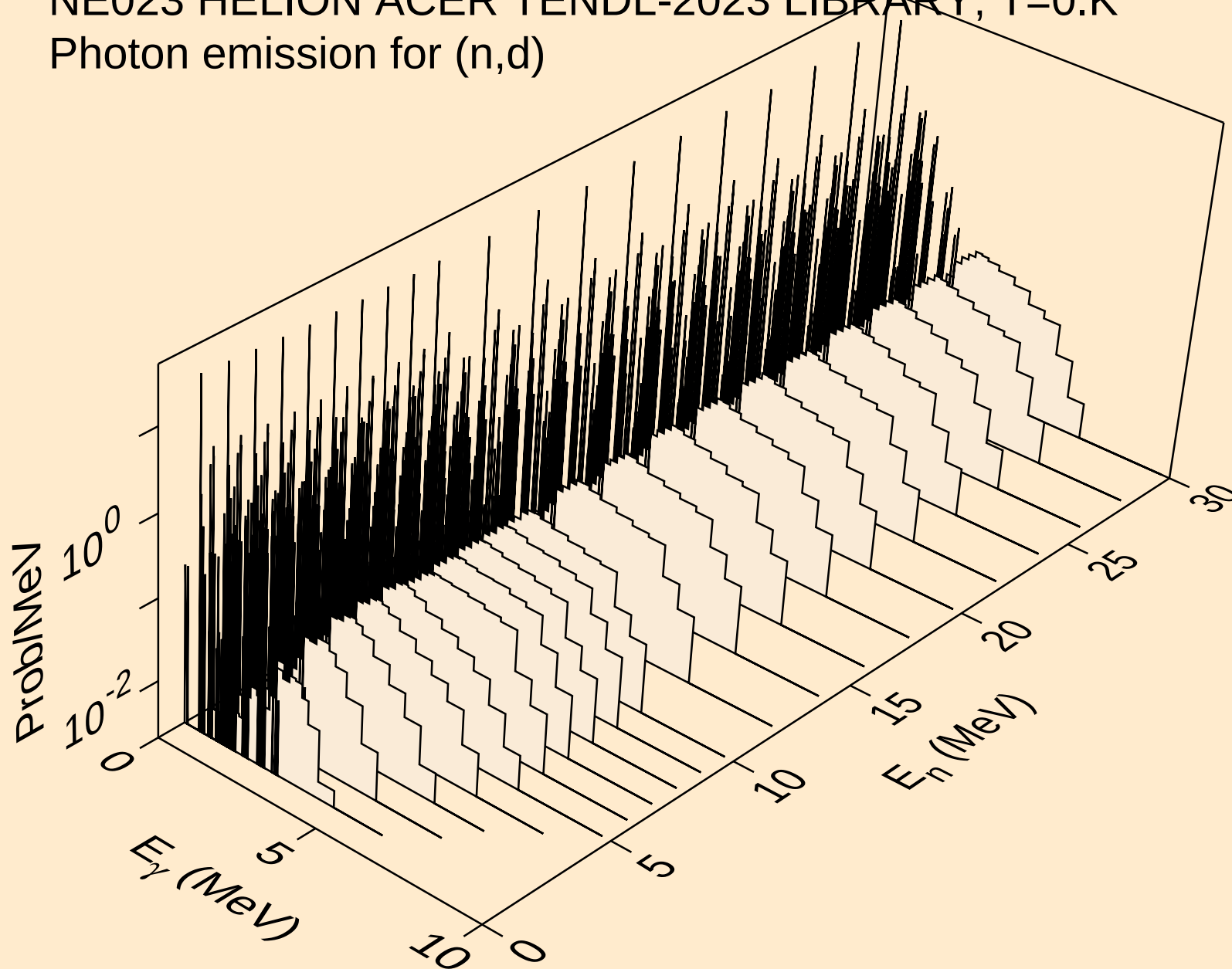


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,p)

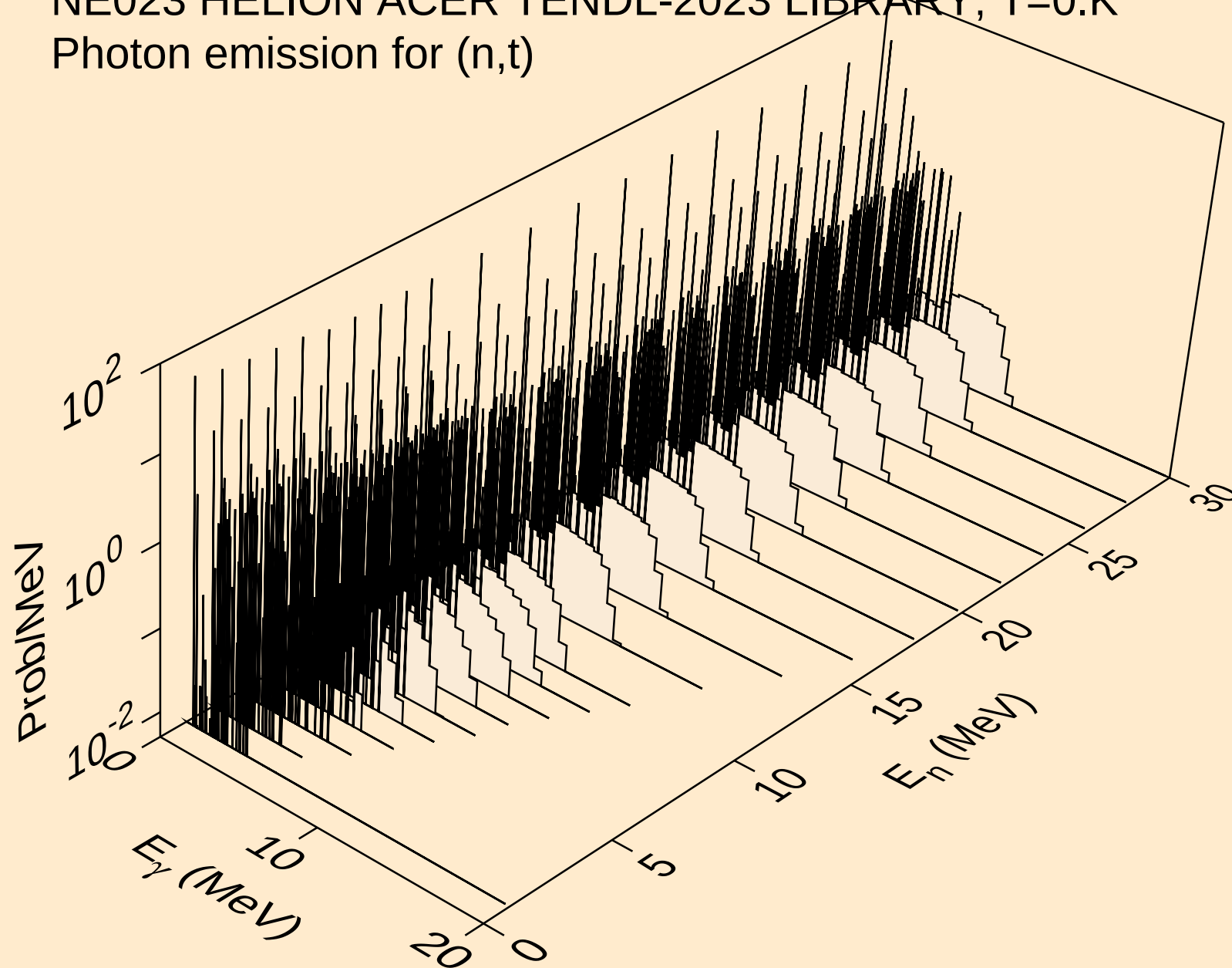


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)

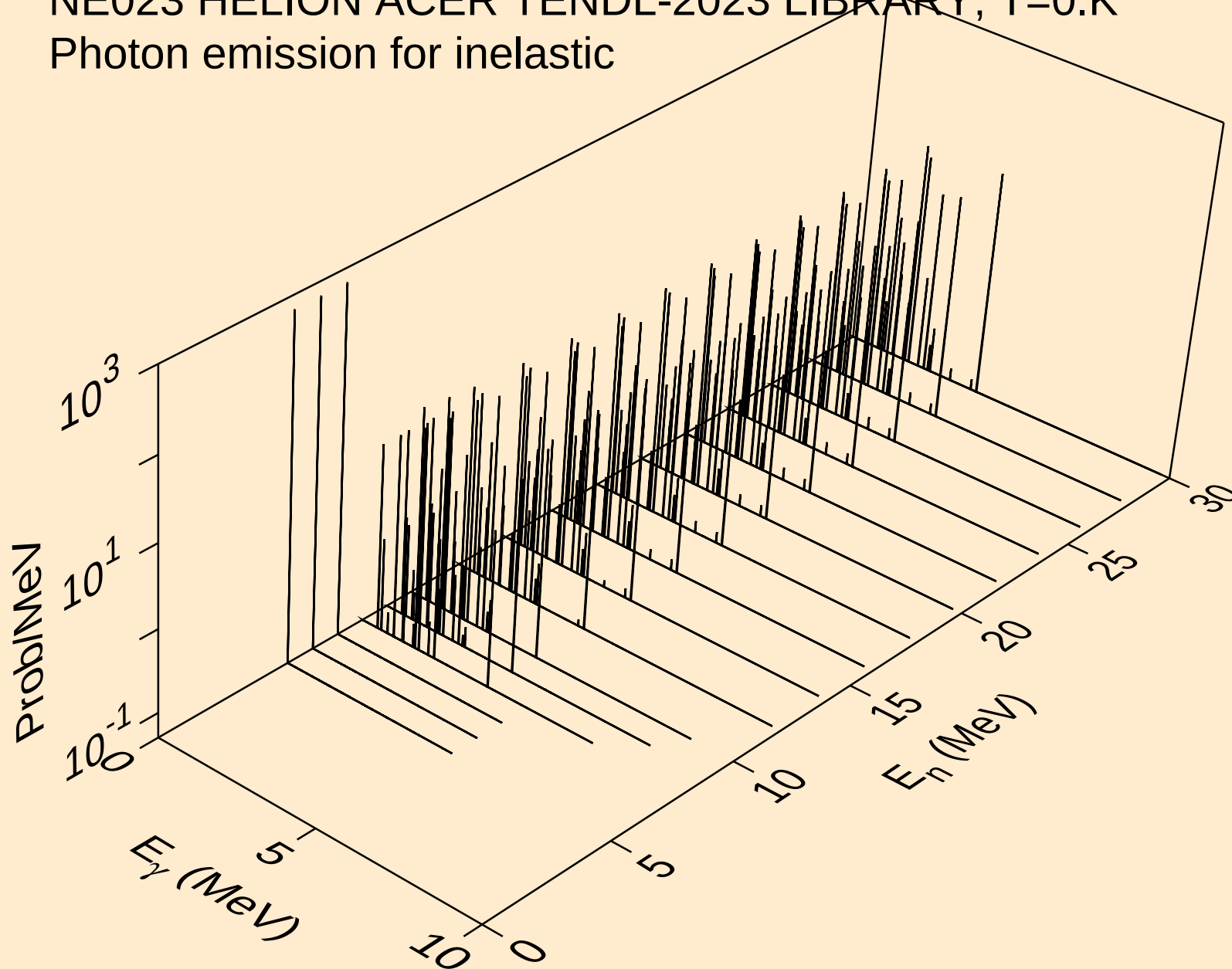


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,t)

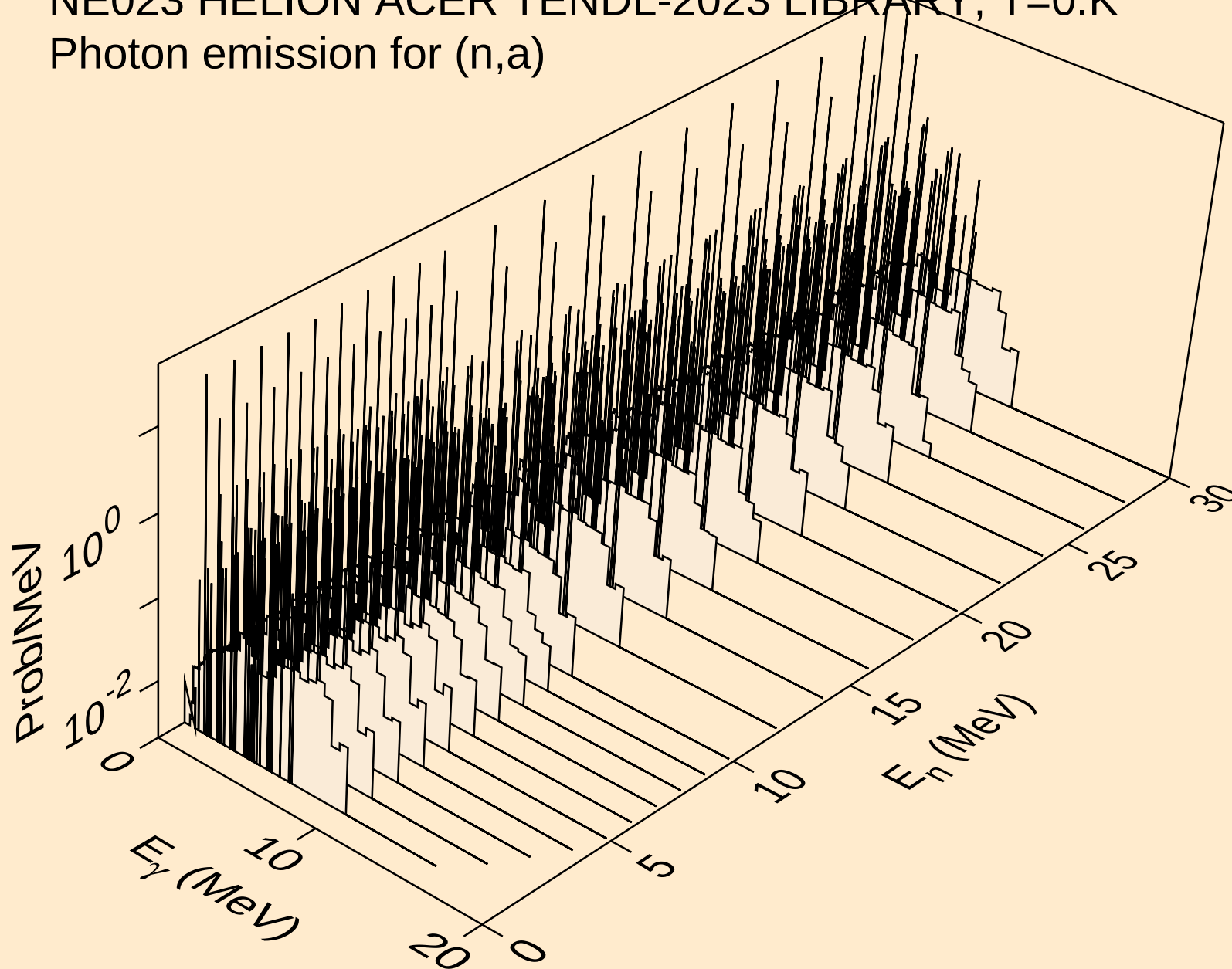


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic

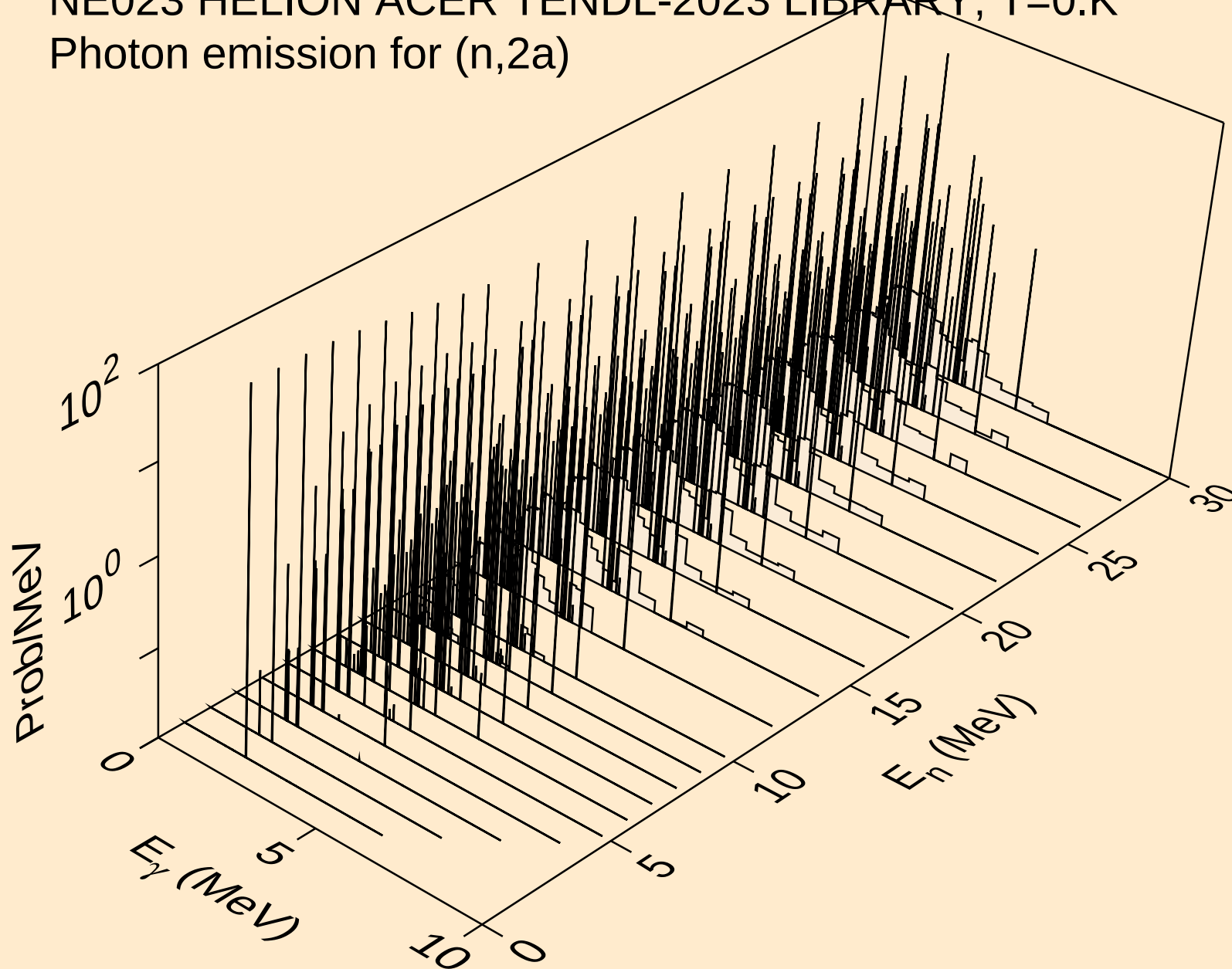


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

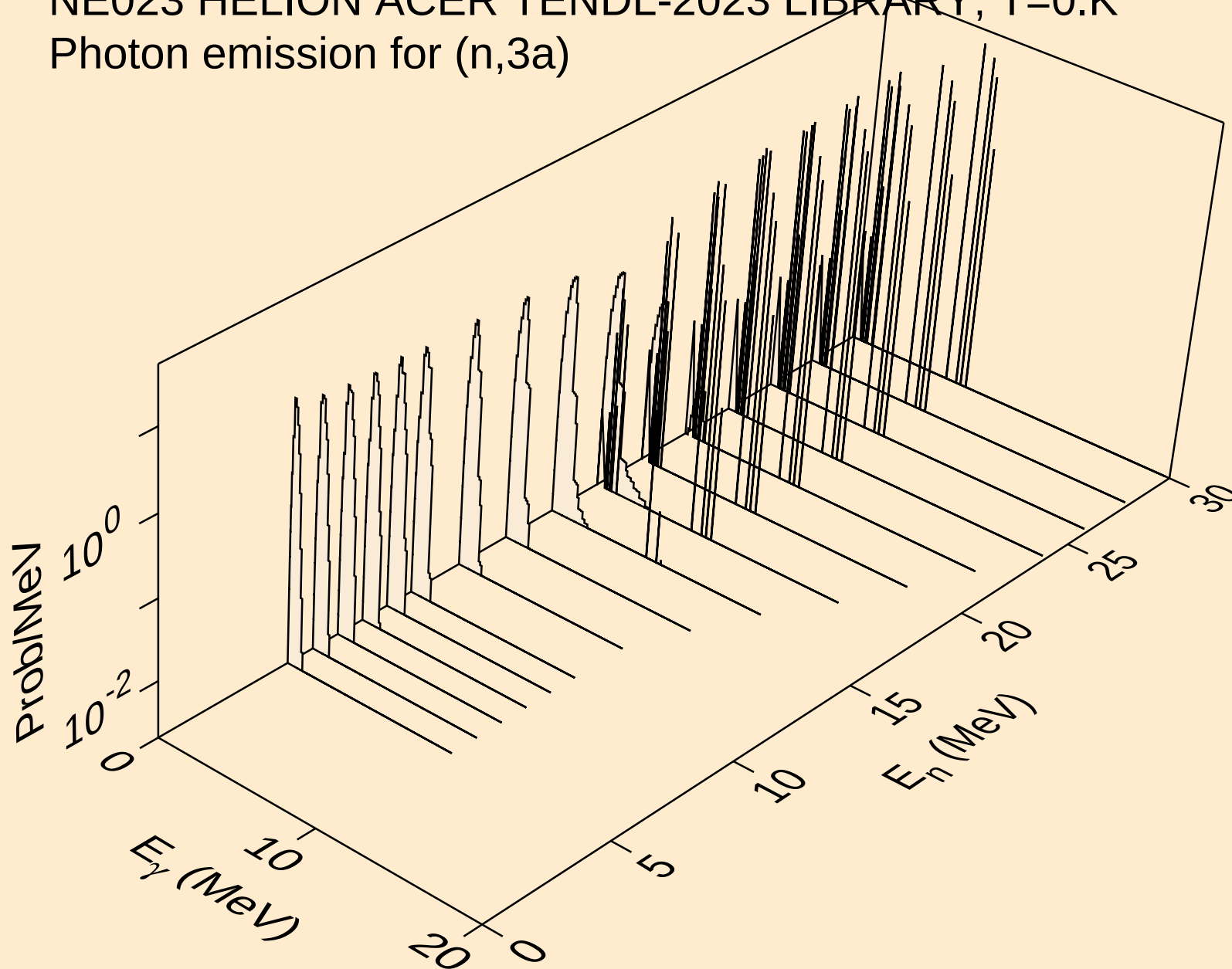
Photon emission for (n,a)



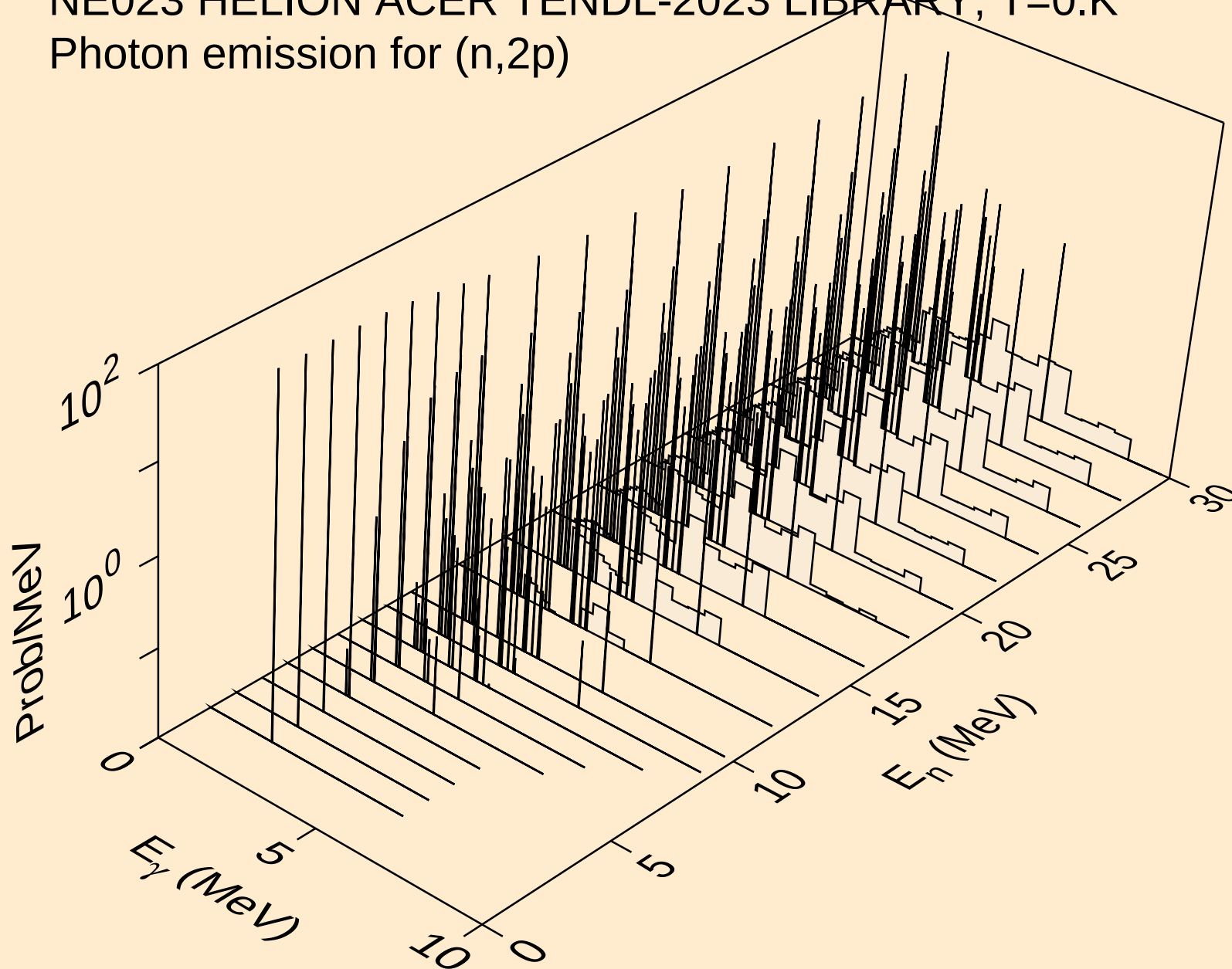
NE023 HELION ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2a)



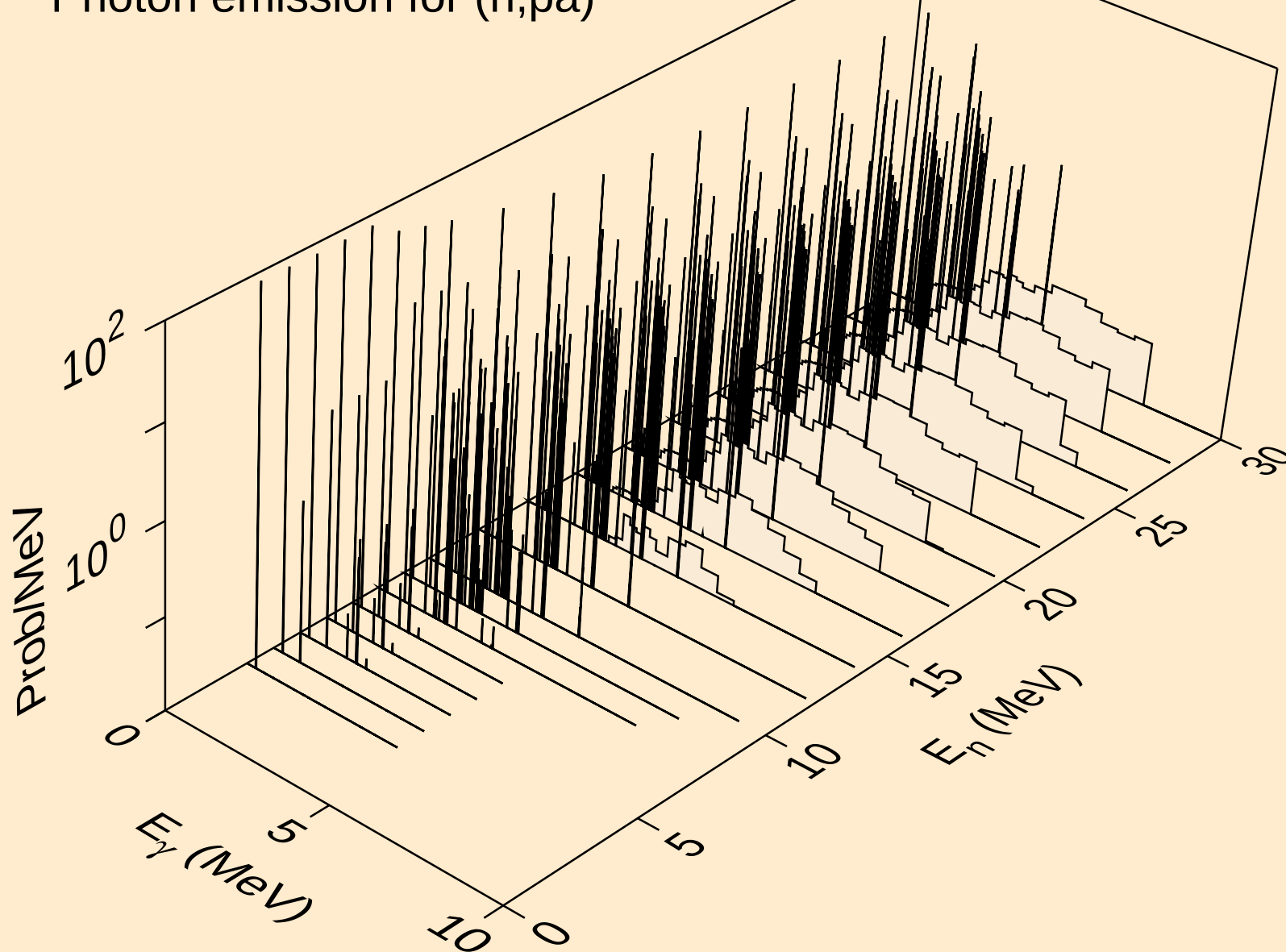
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



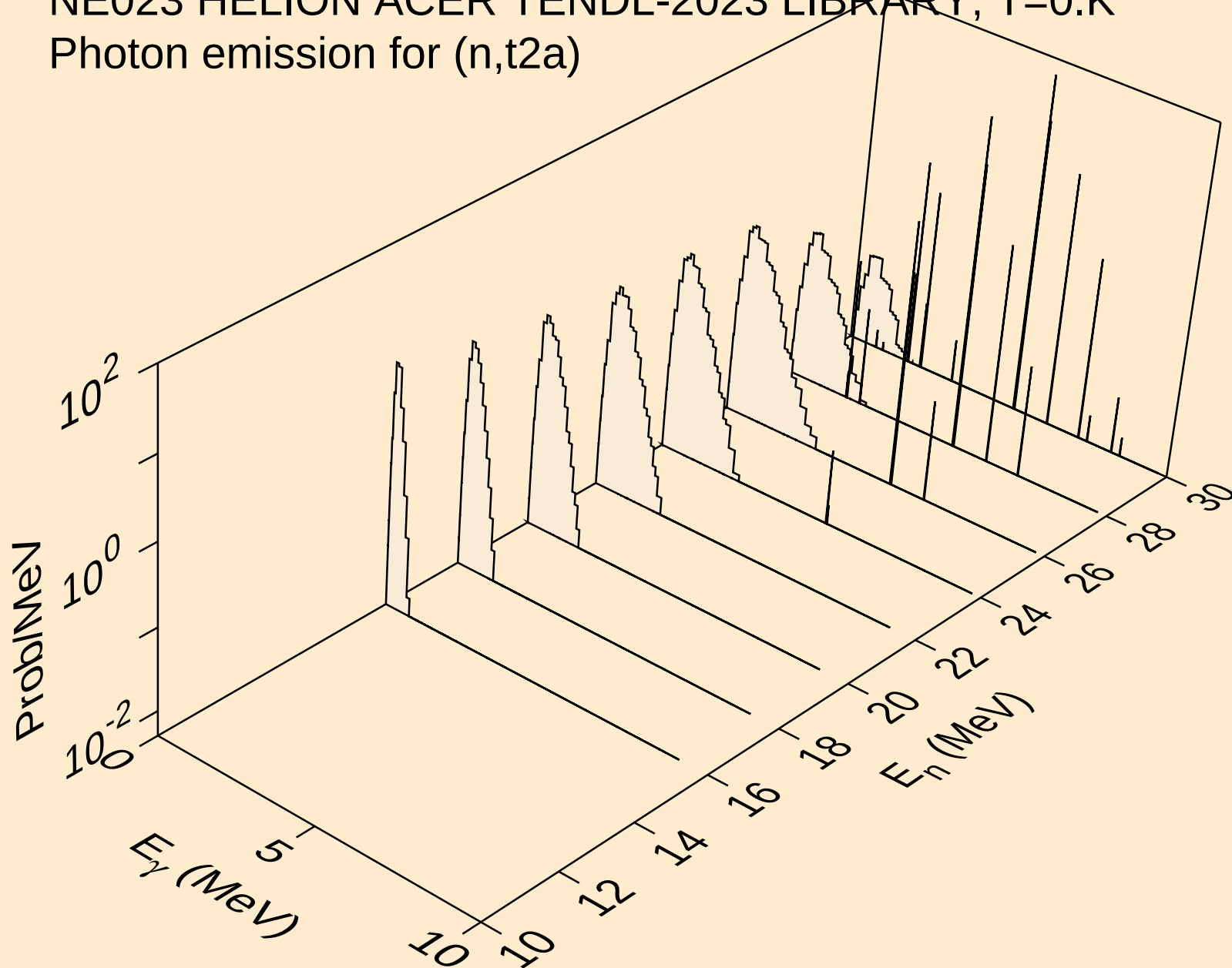
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Photon emission for (n,2p)



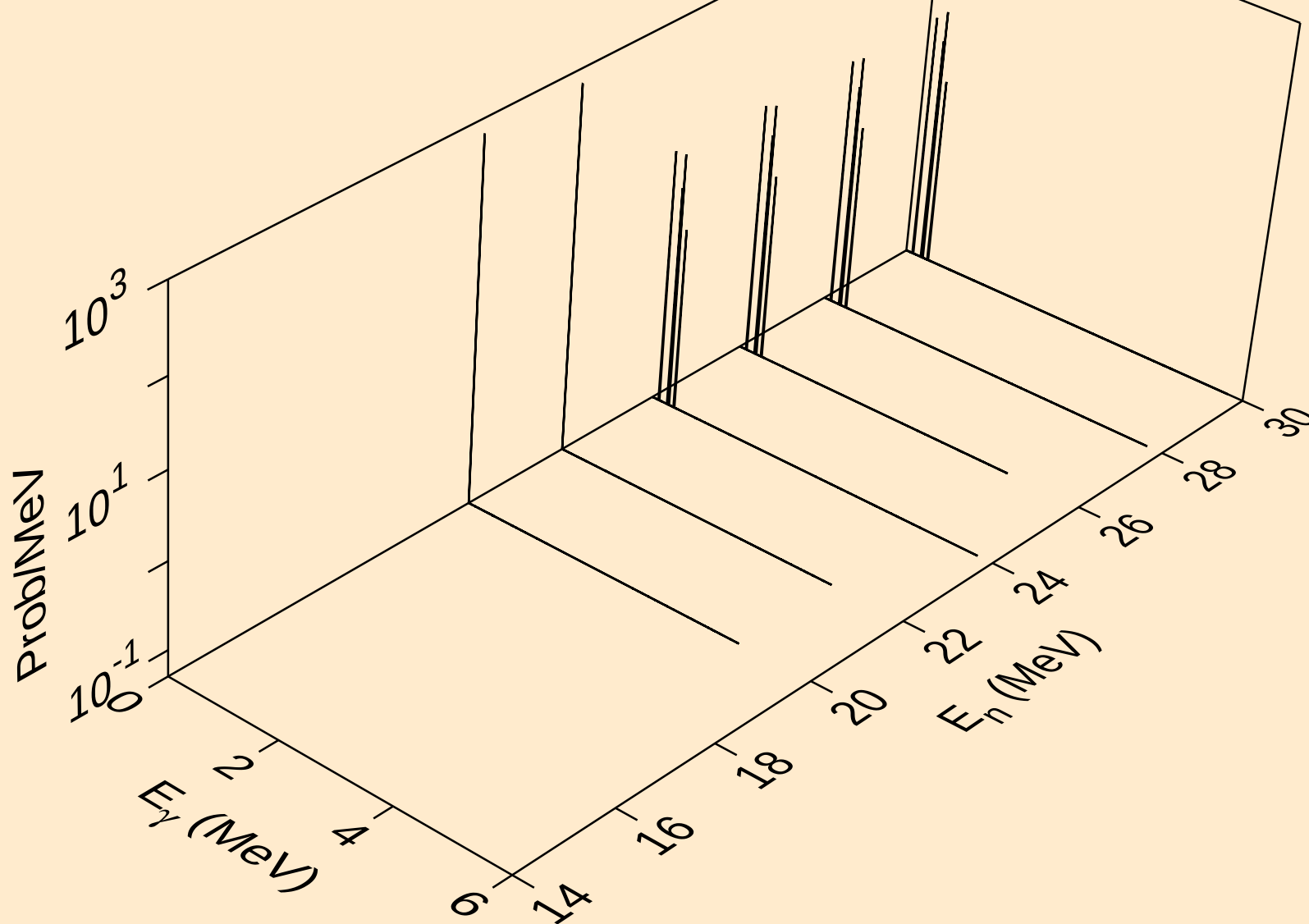
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



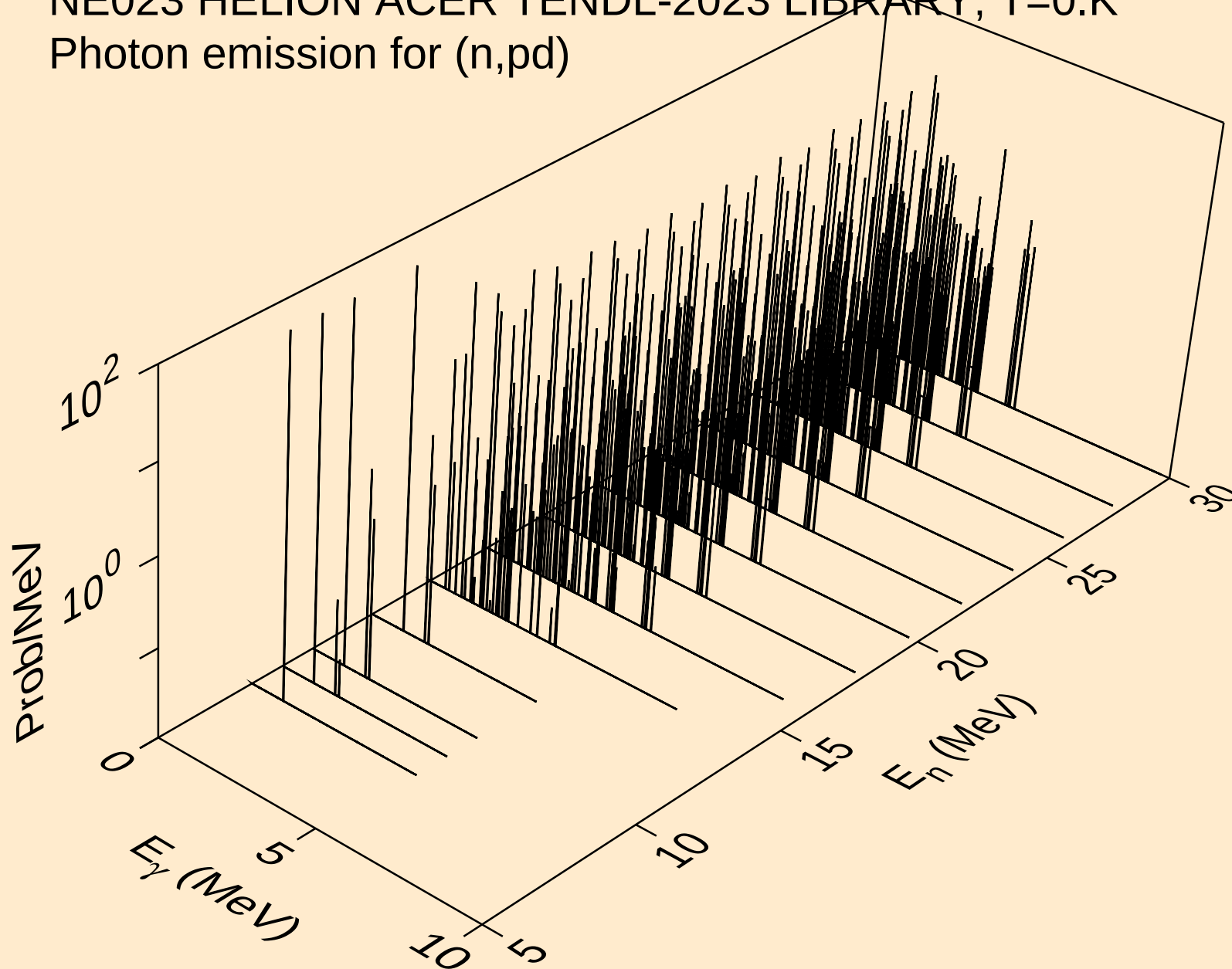
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t2a)



NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d2a)

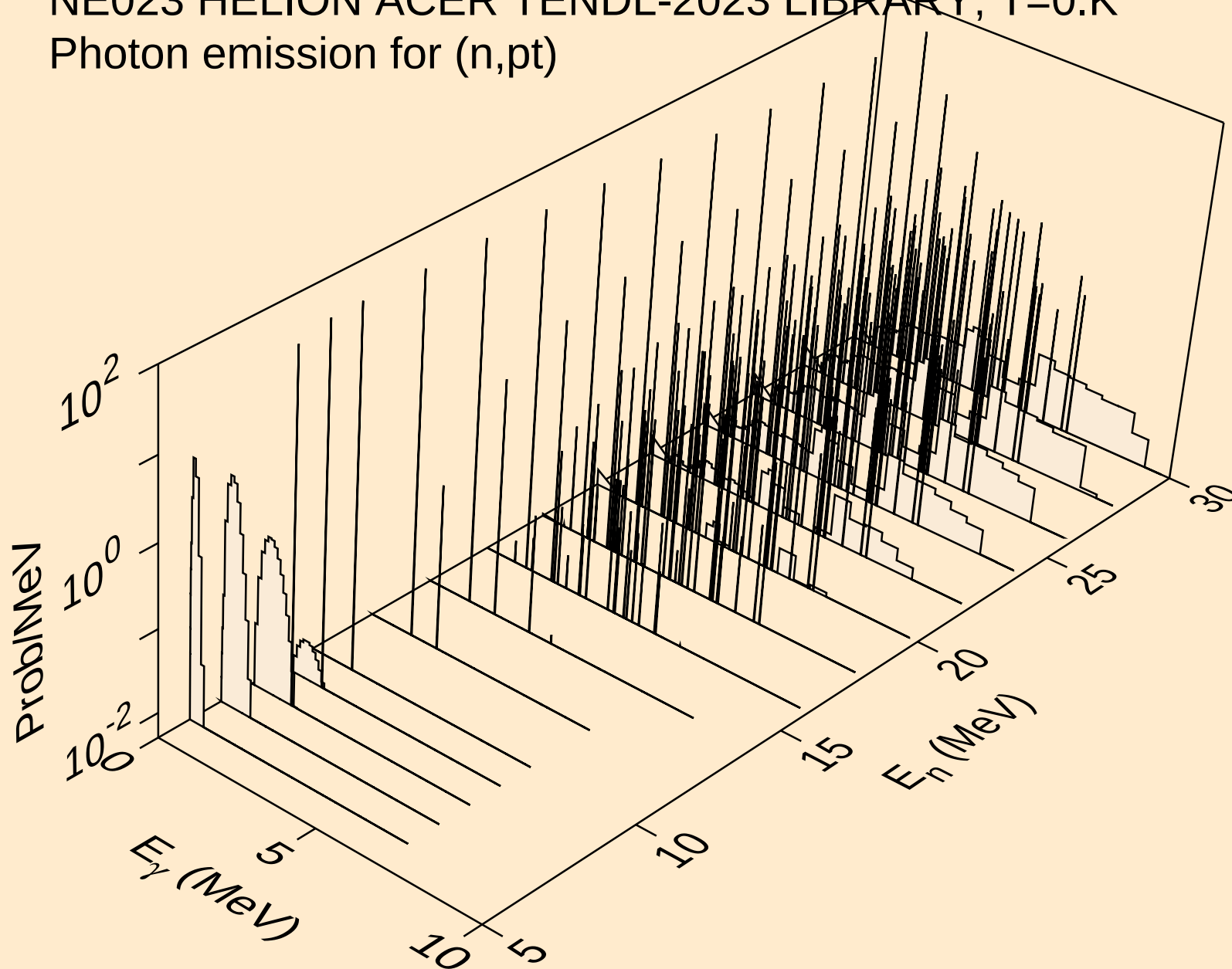


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Photon emission for (n,pd)

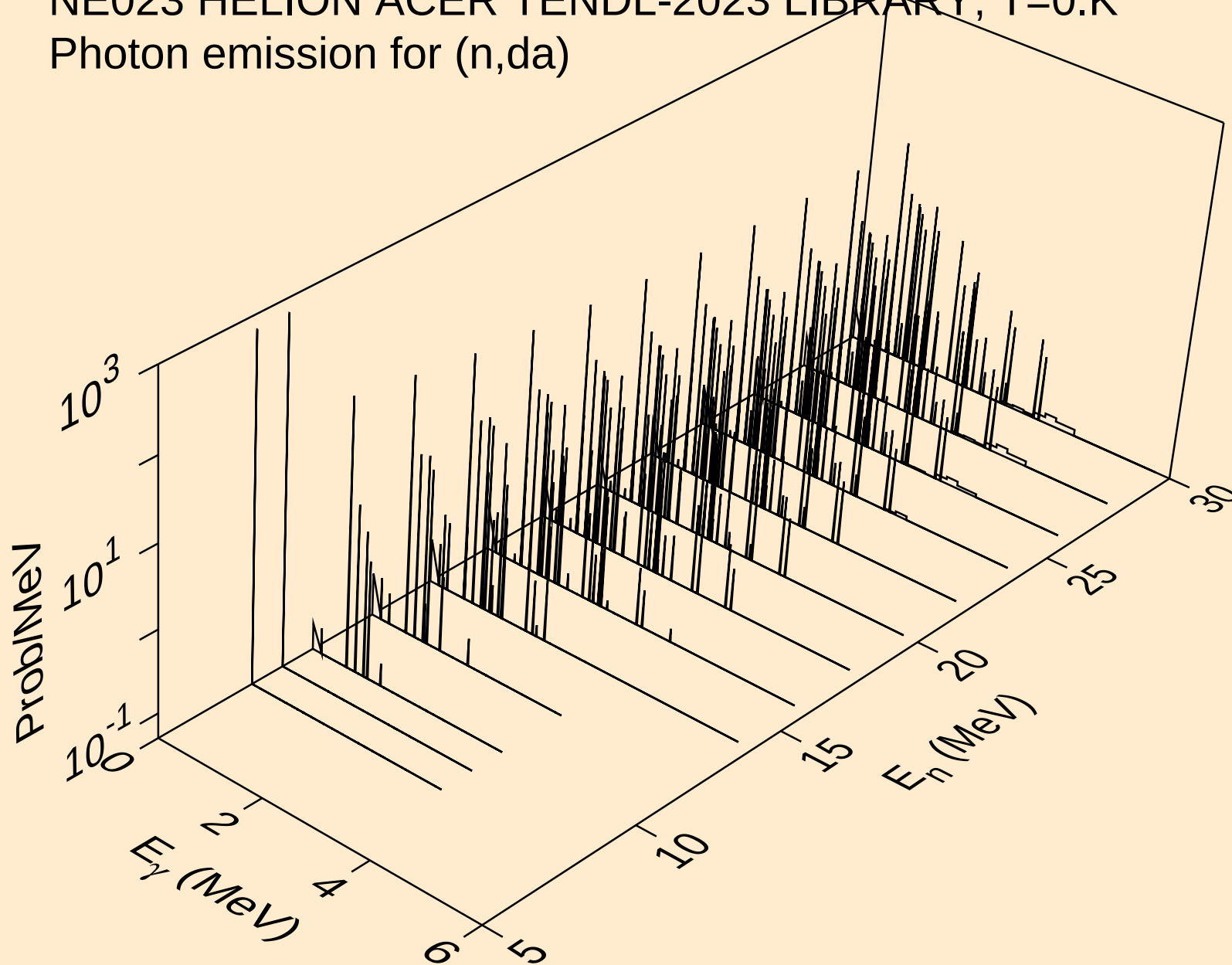


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

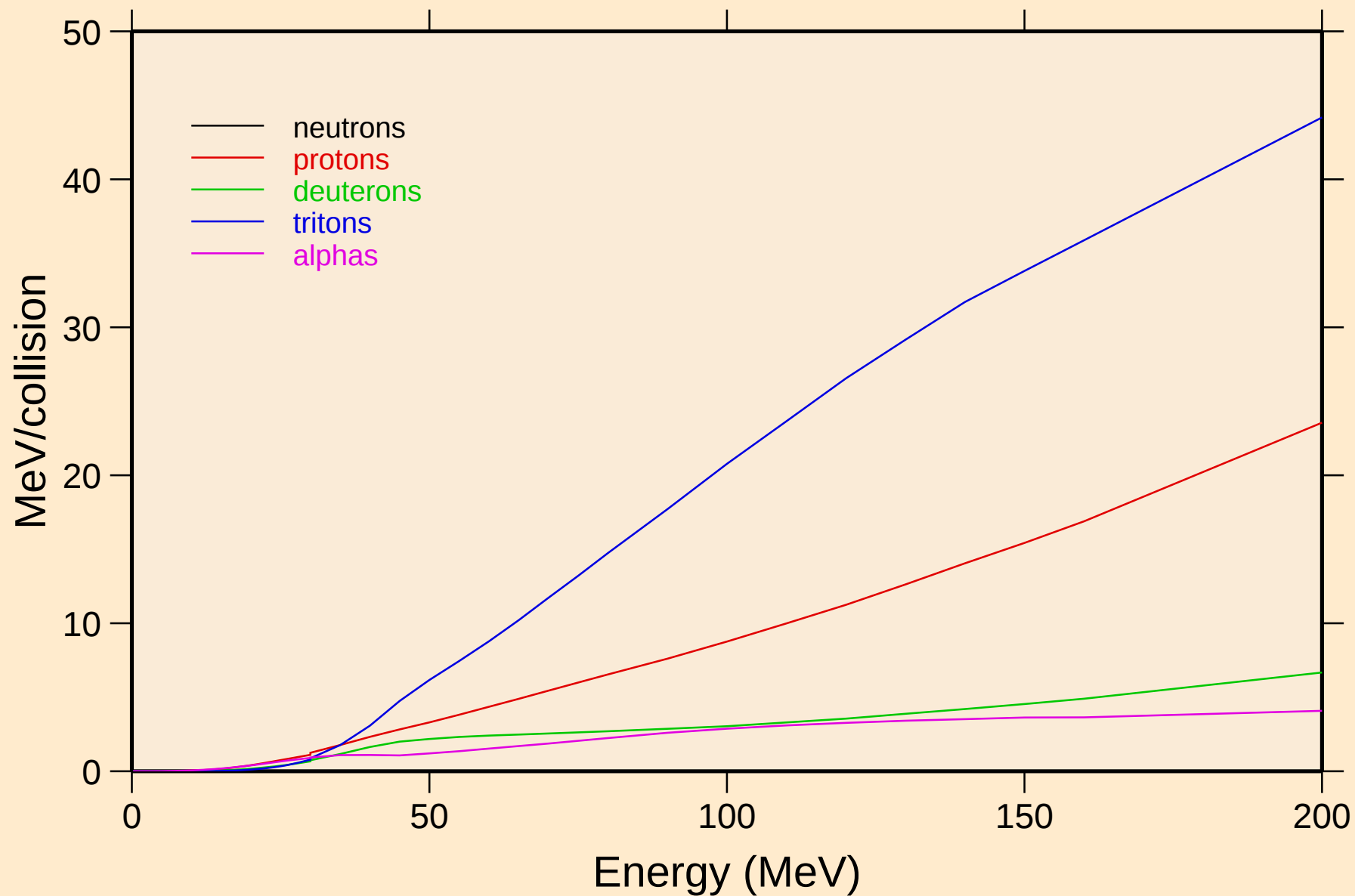


NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



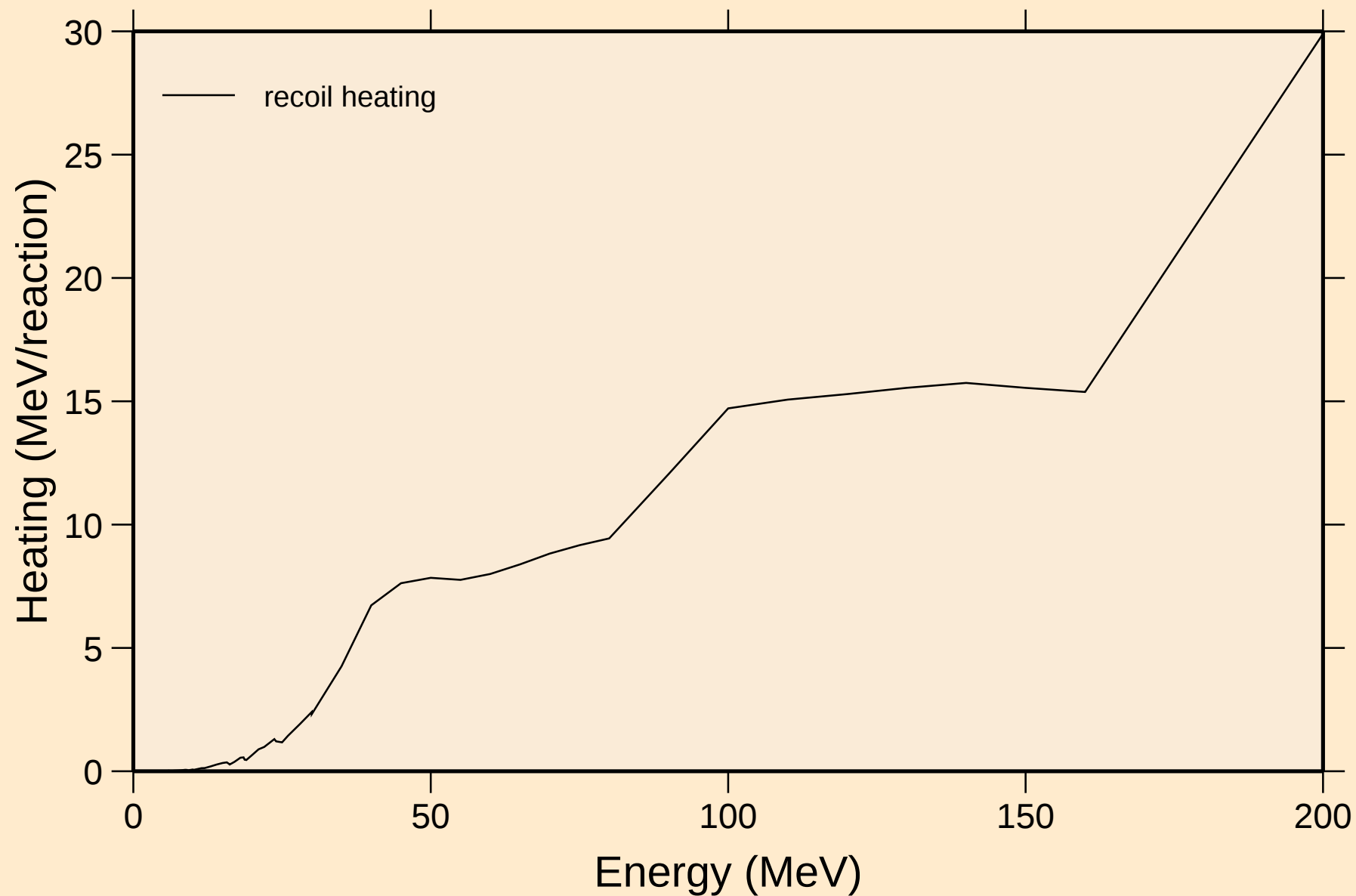
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



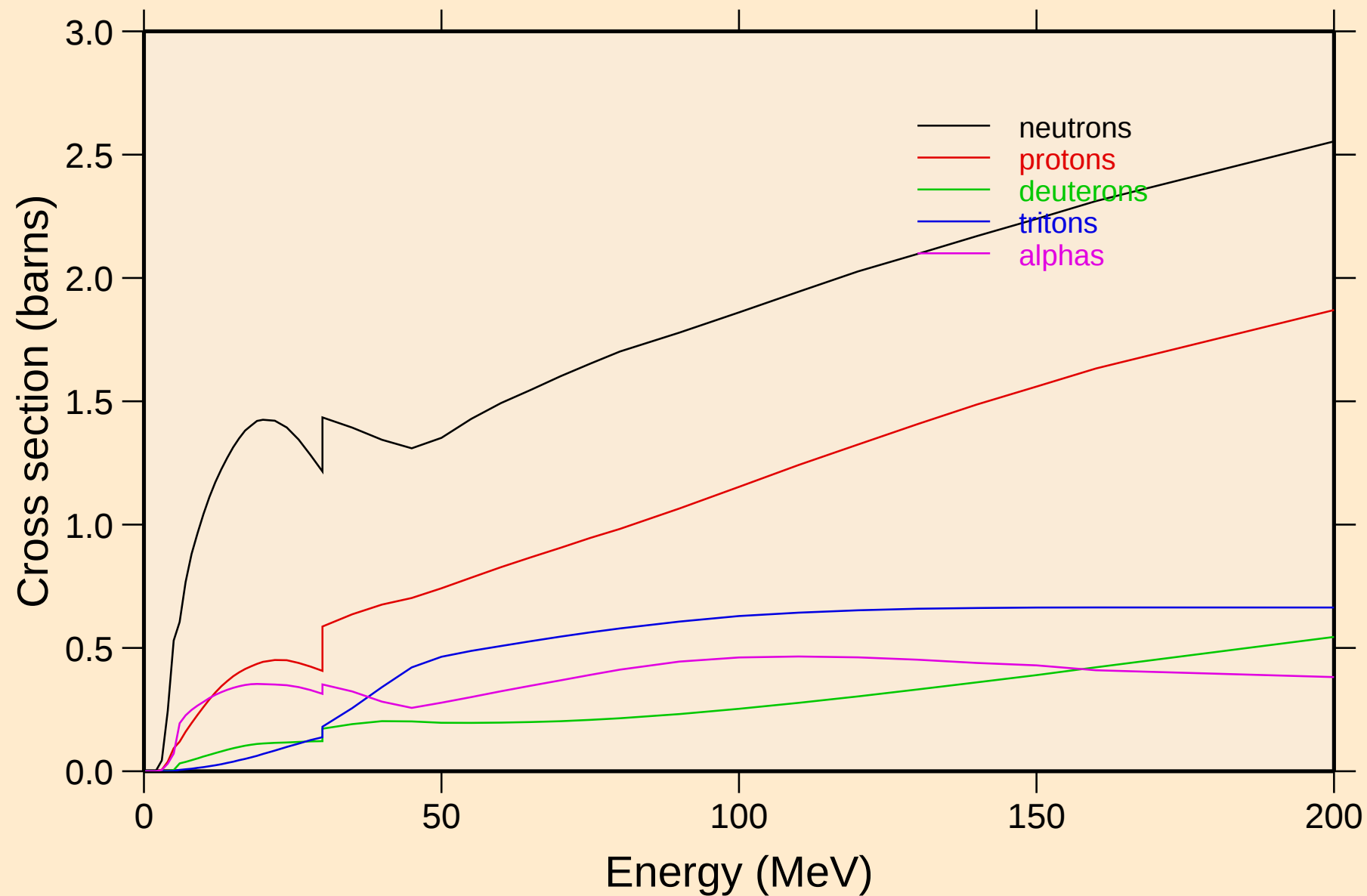
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

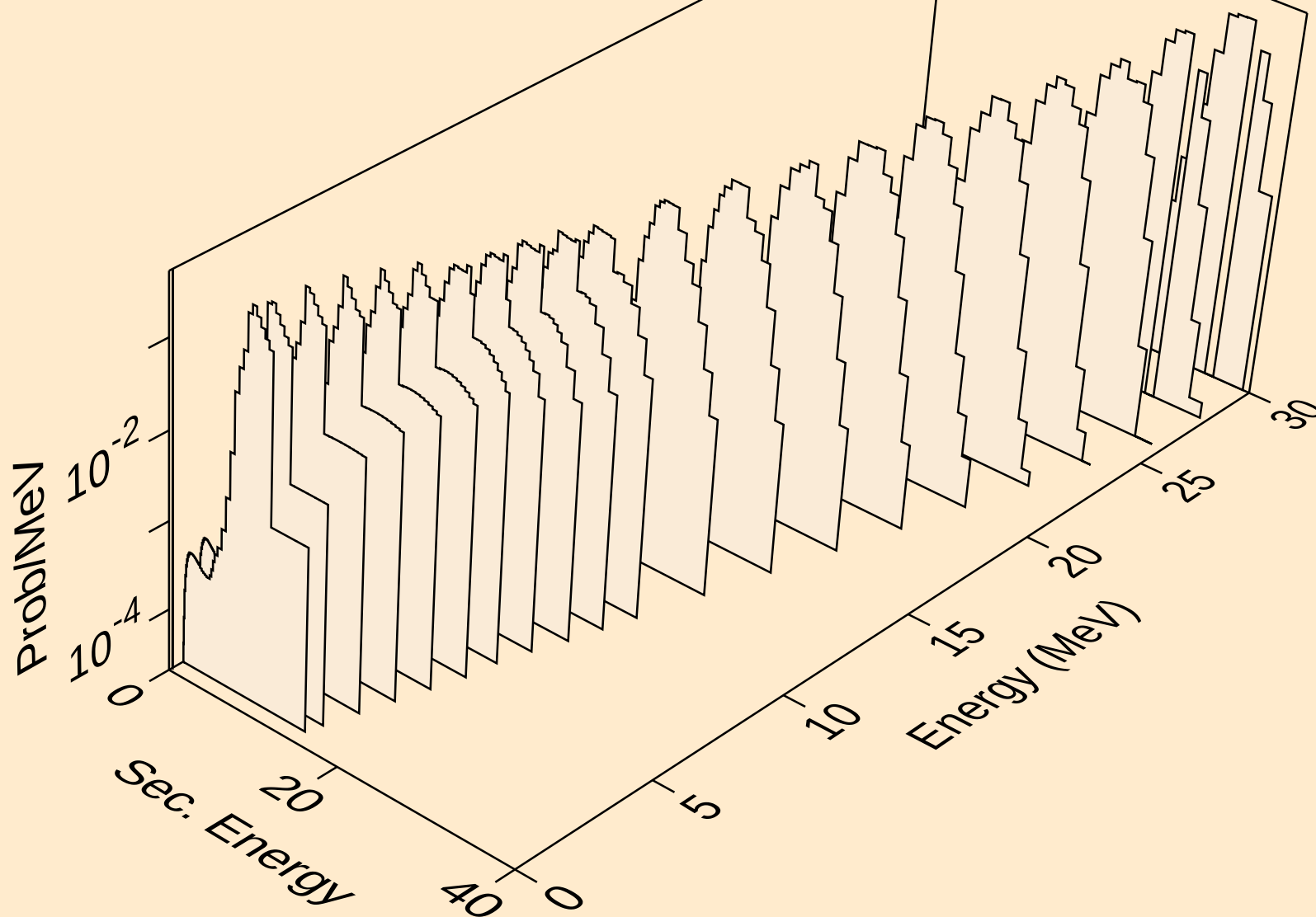


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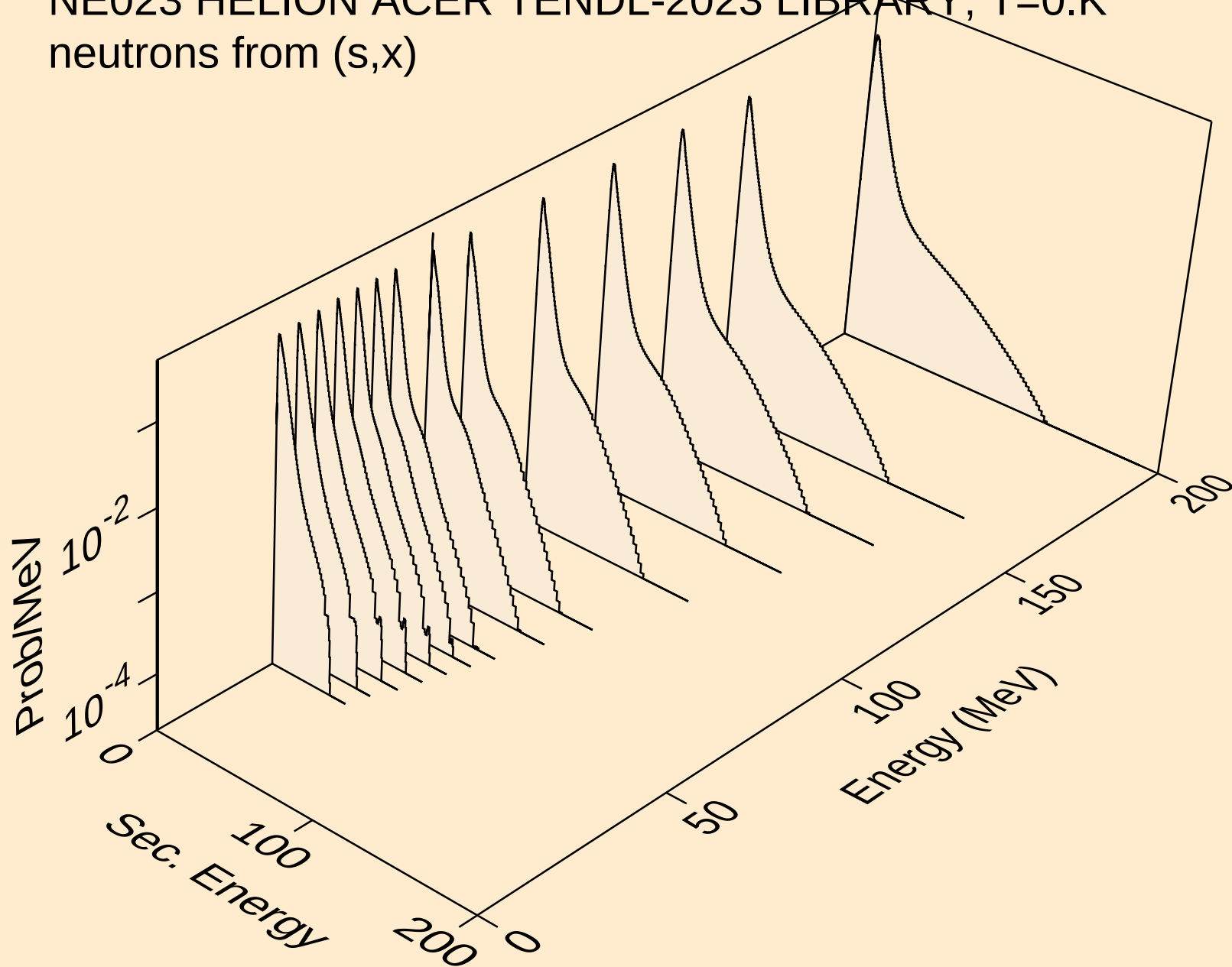
Particle production cross sections



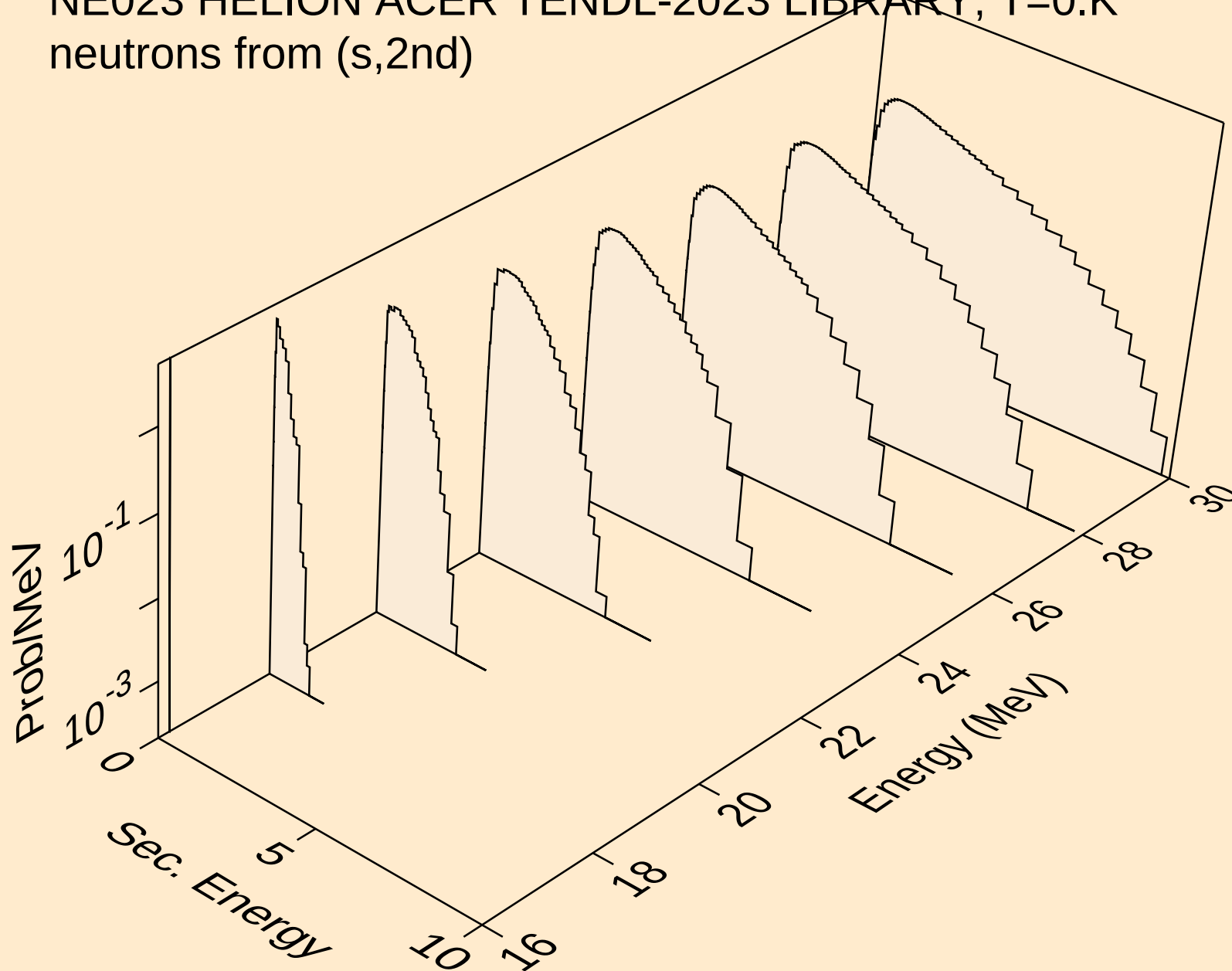
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n)



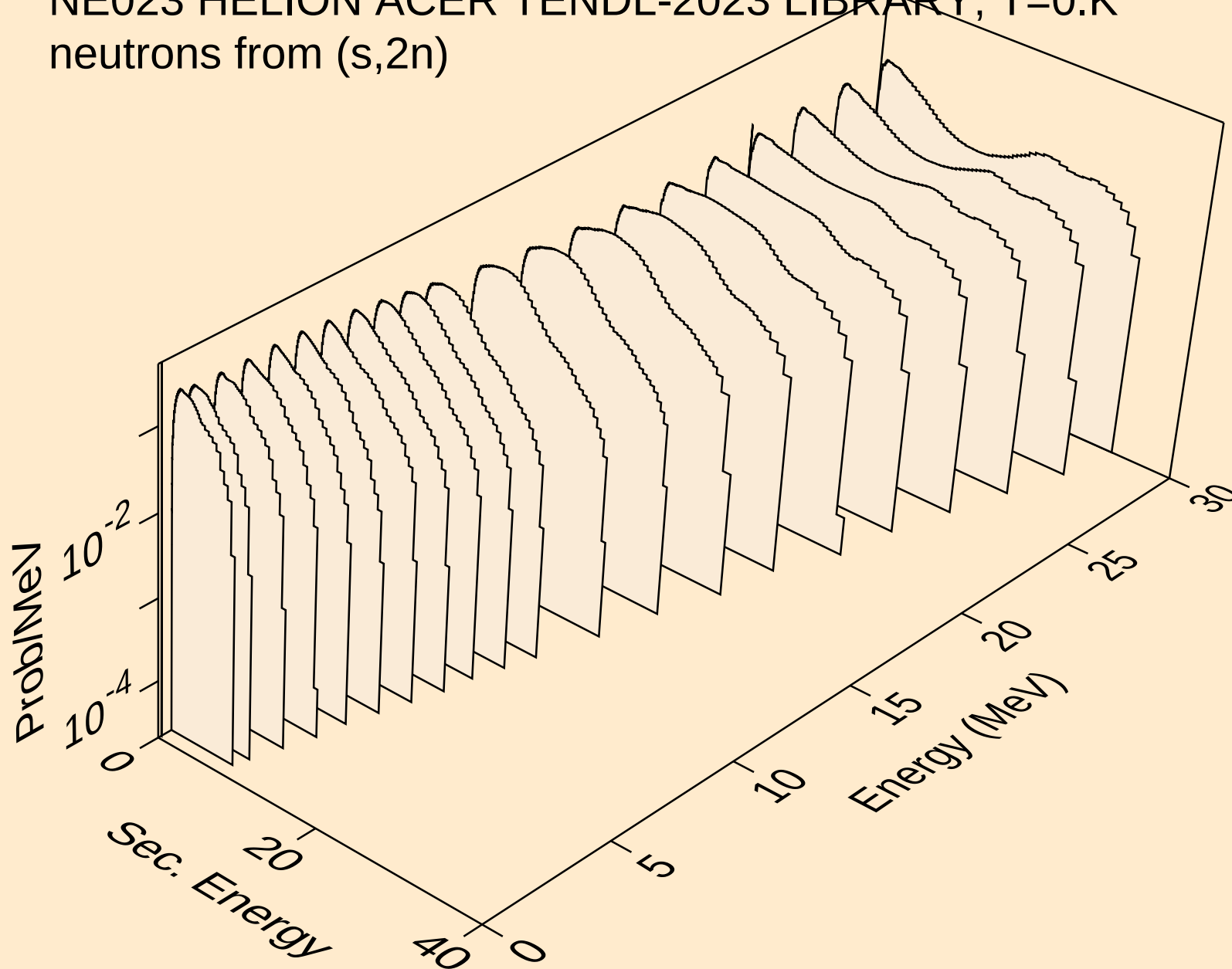
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neutrons from (s,x)



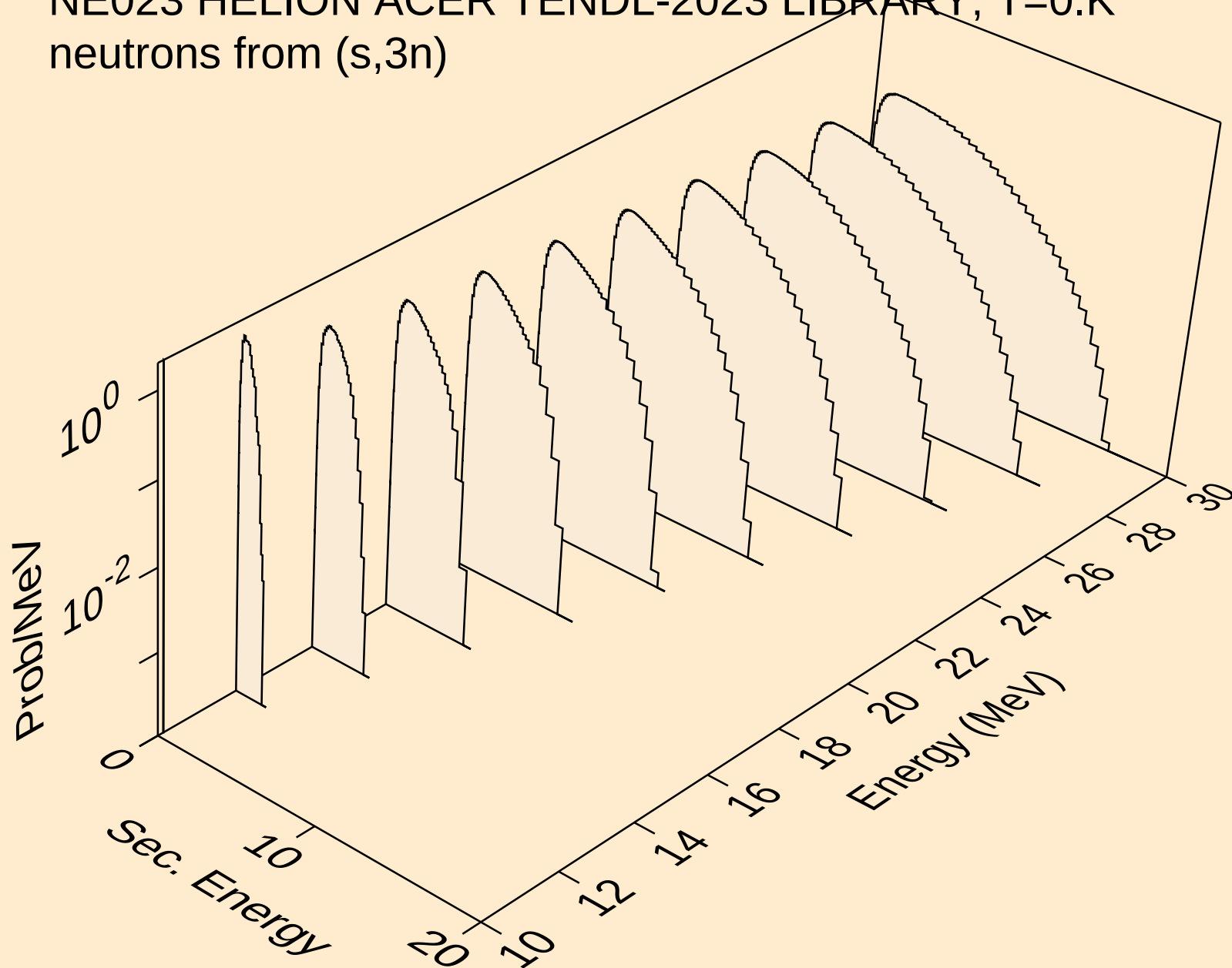
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2nd)



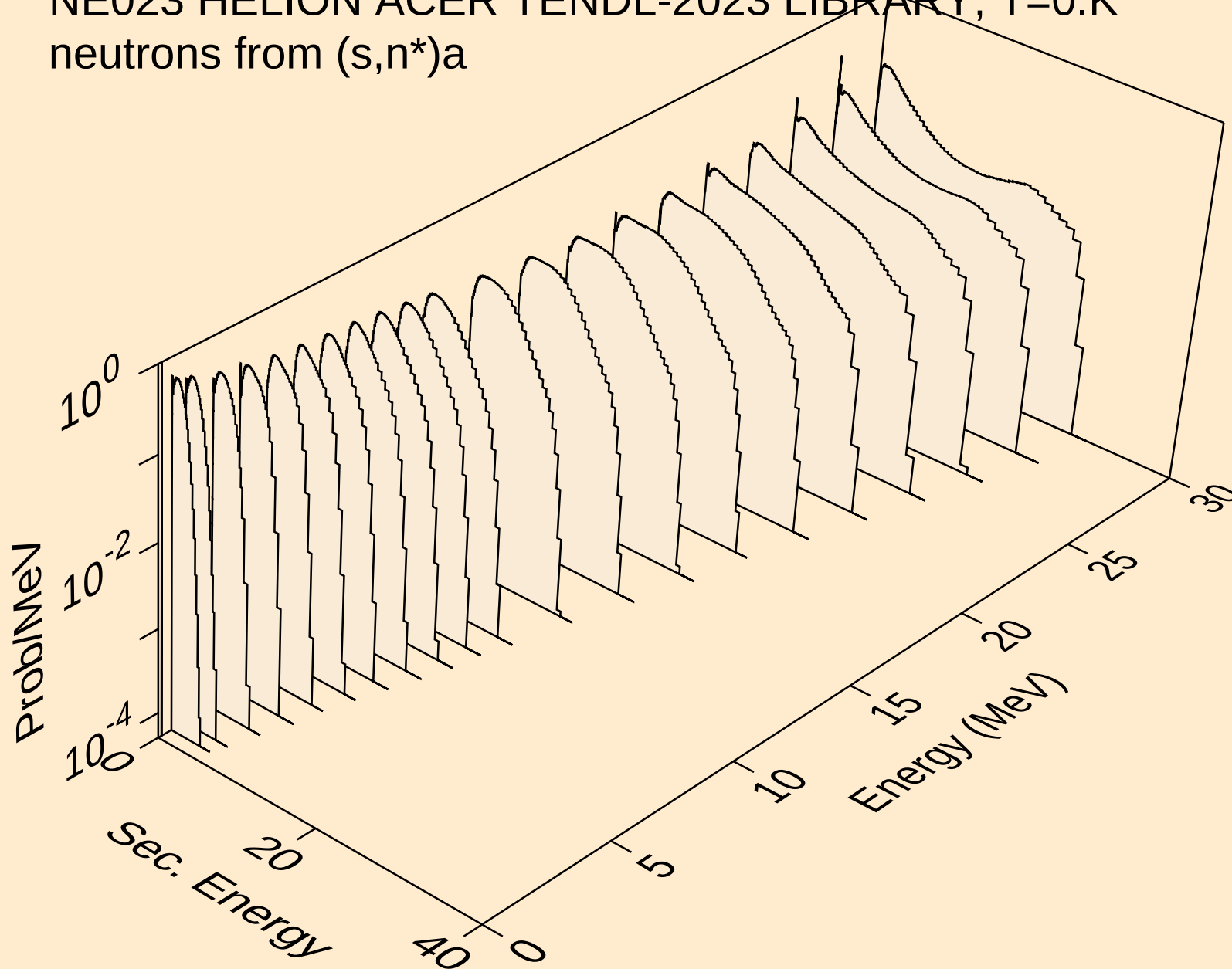
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)



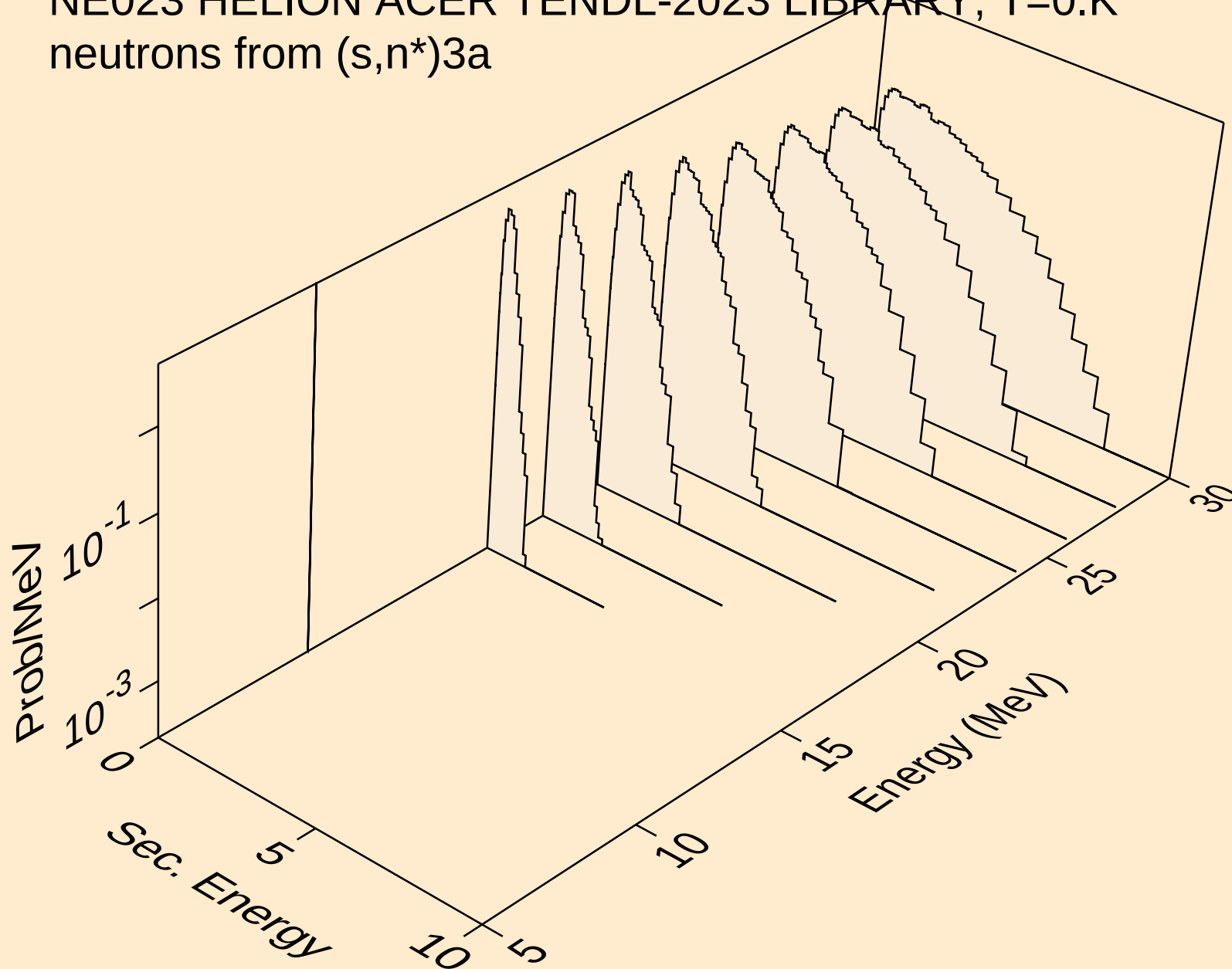
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neutrons from (s,3n)



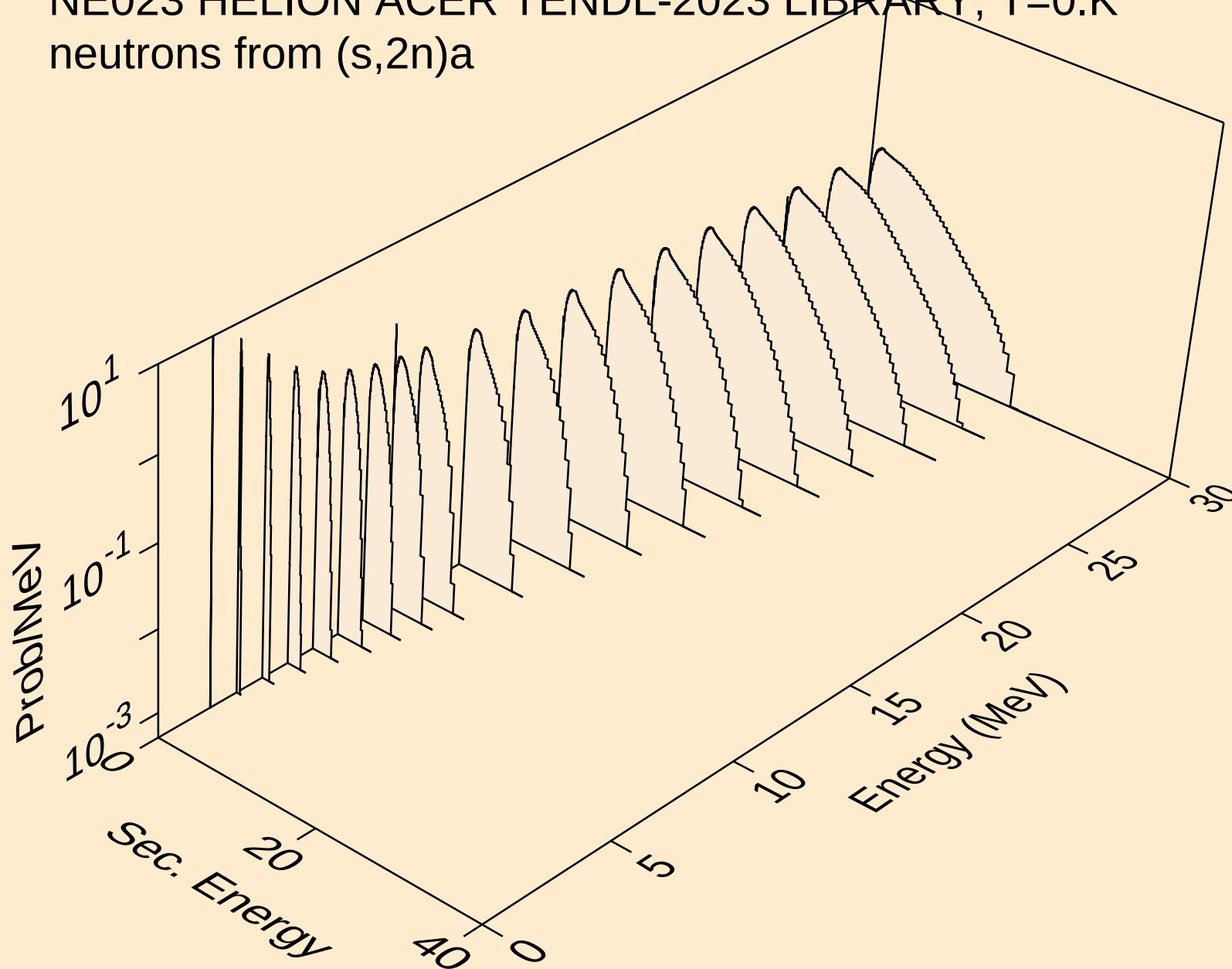
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)a



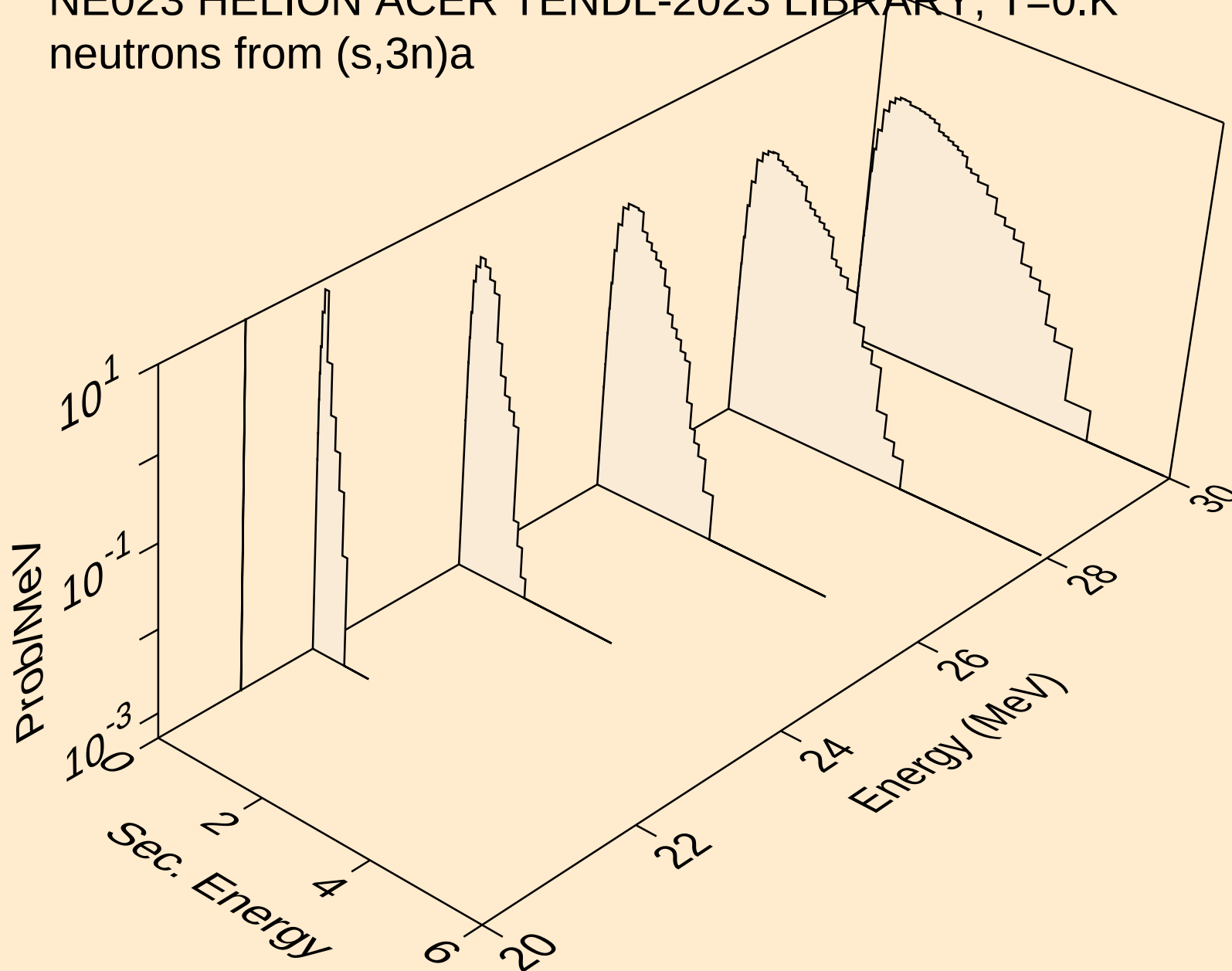
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neutrons from (s,n*)³a



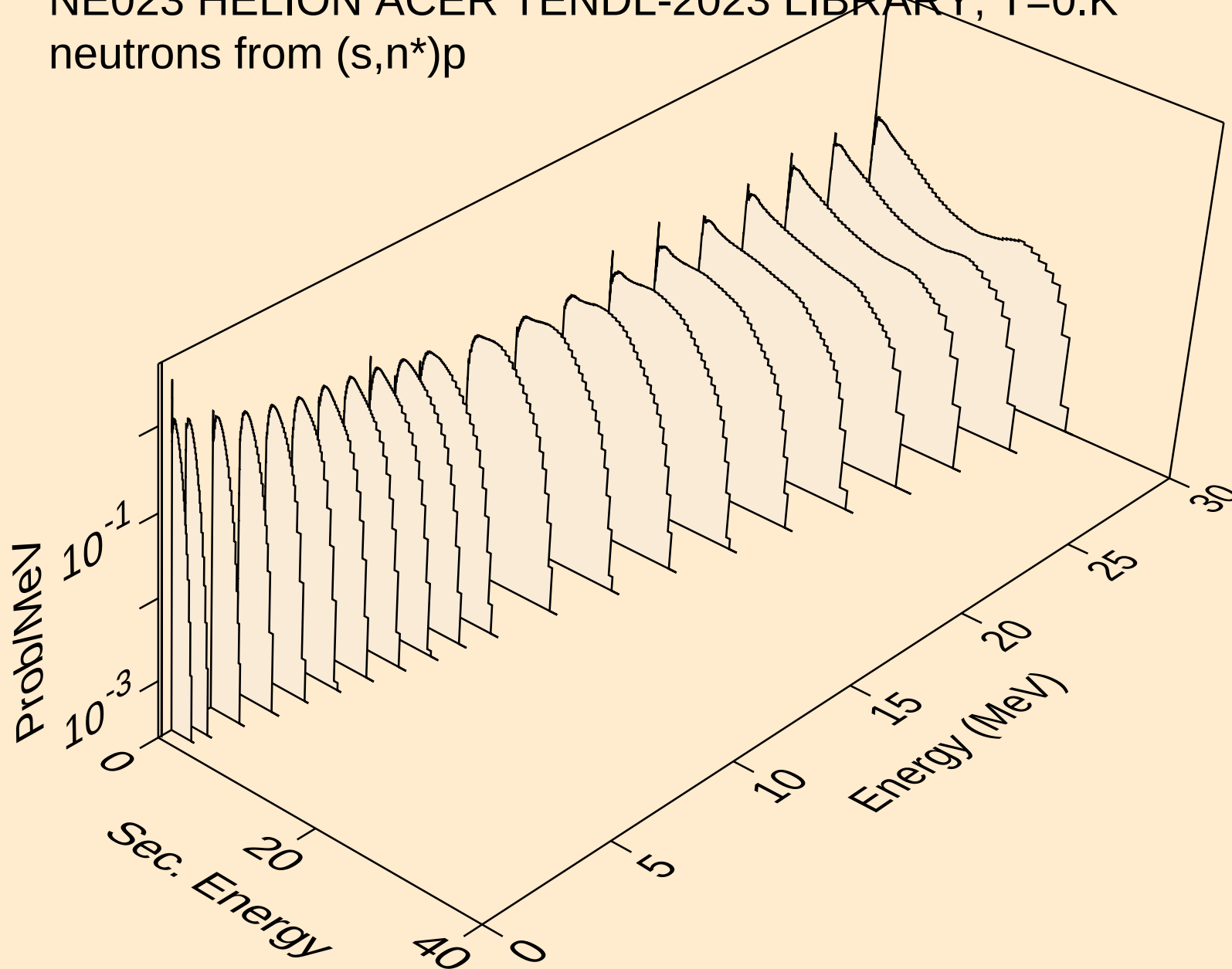
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neutrons from (s,2n)a



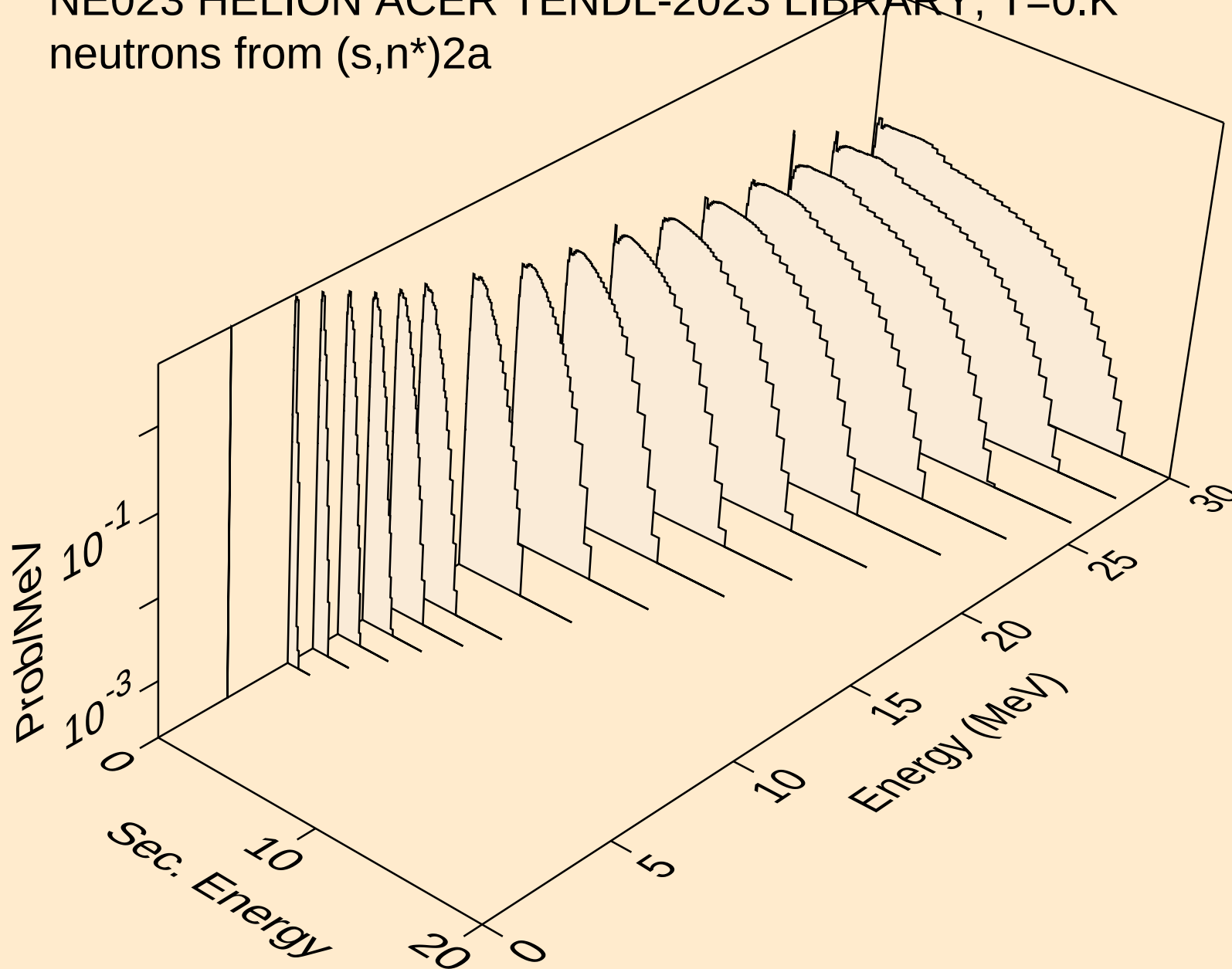
NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3n)a



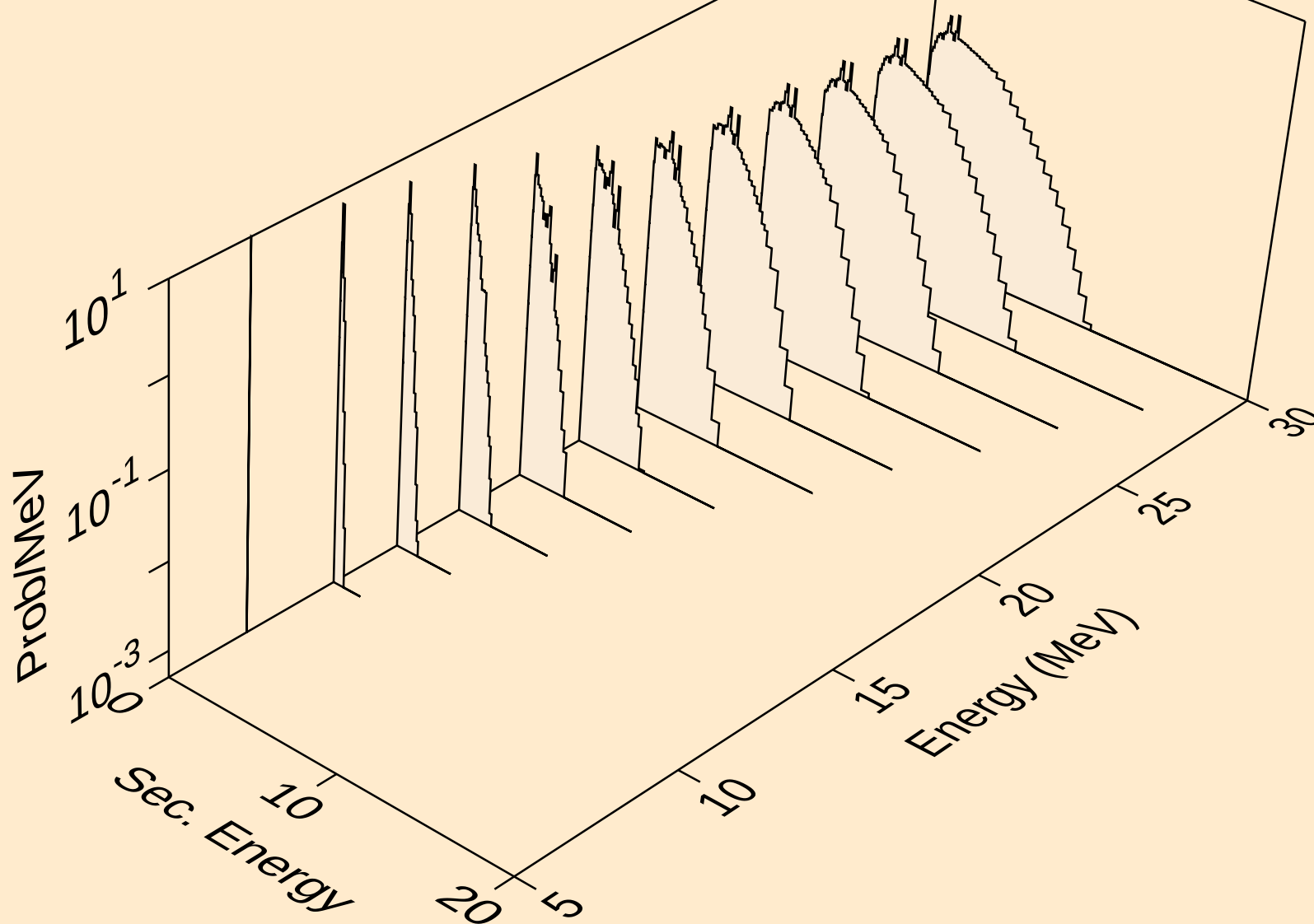
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neutrons from (s,n*)p



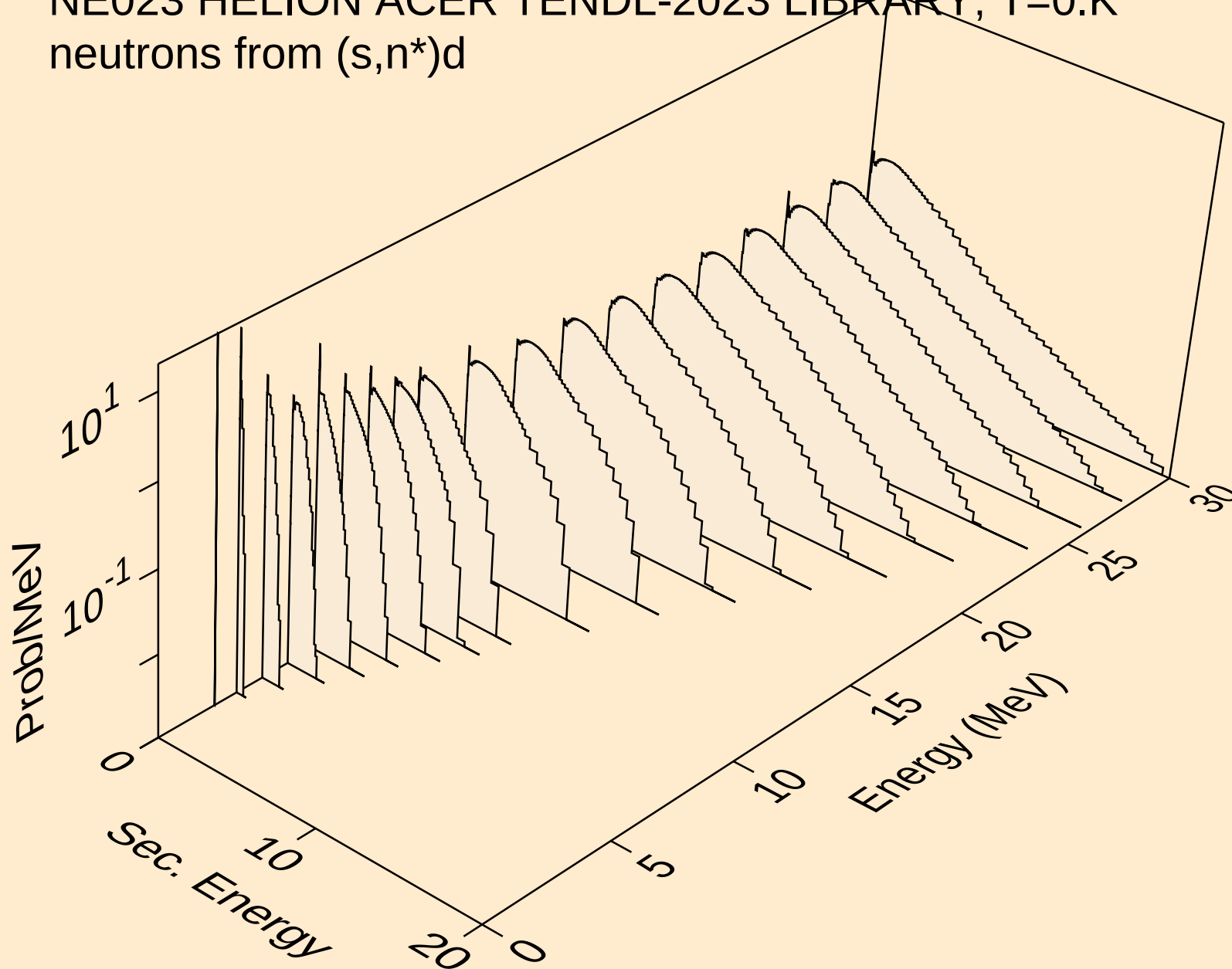
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neutrons from (s,n*)2a



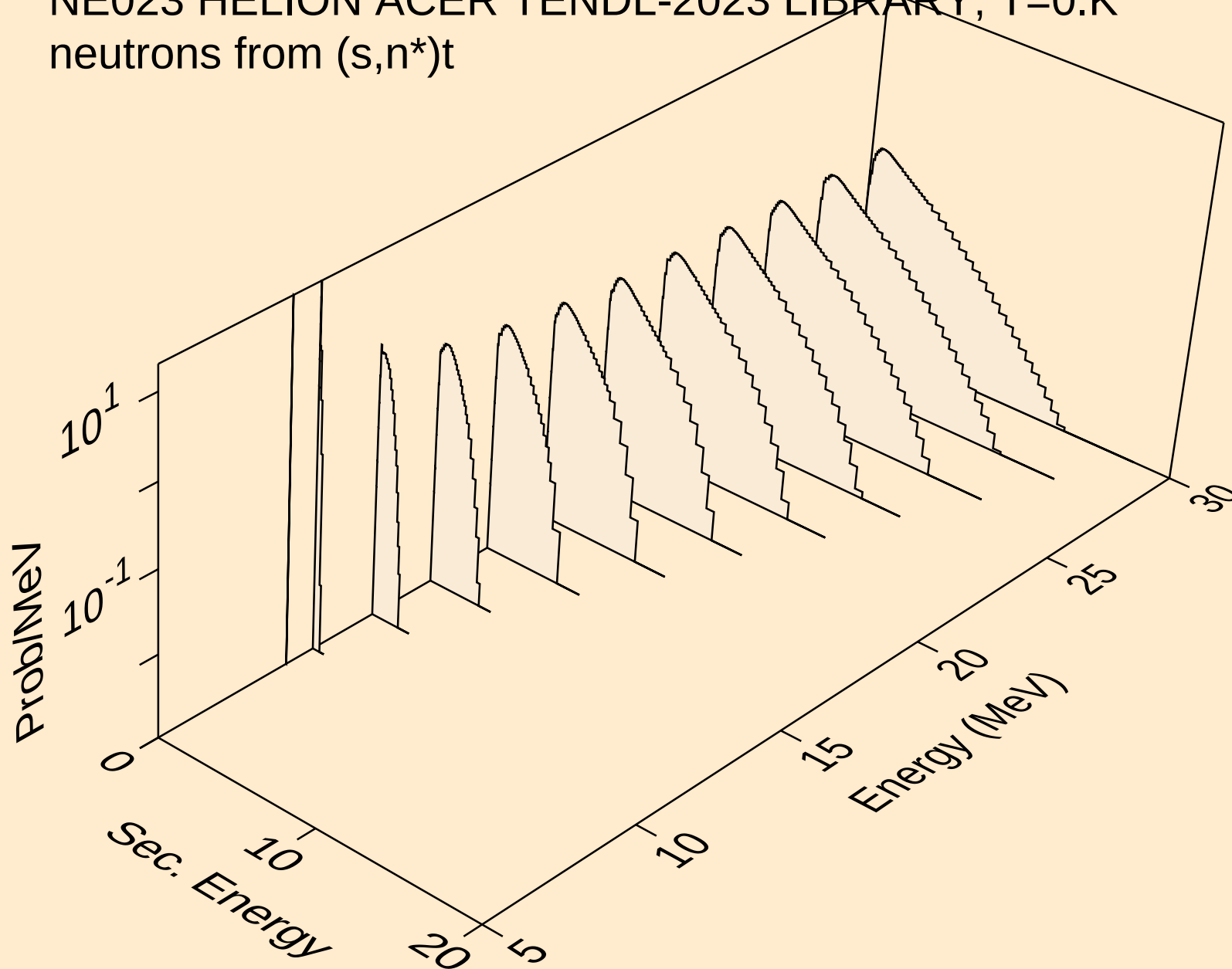
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neutrons from (s,2n)2a



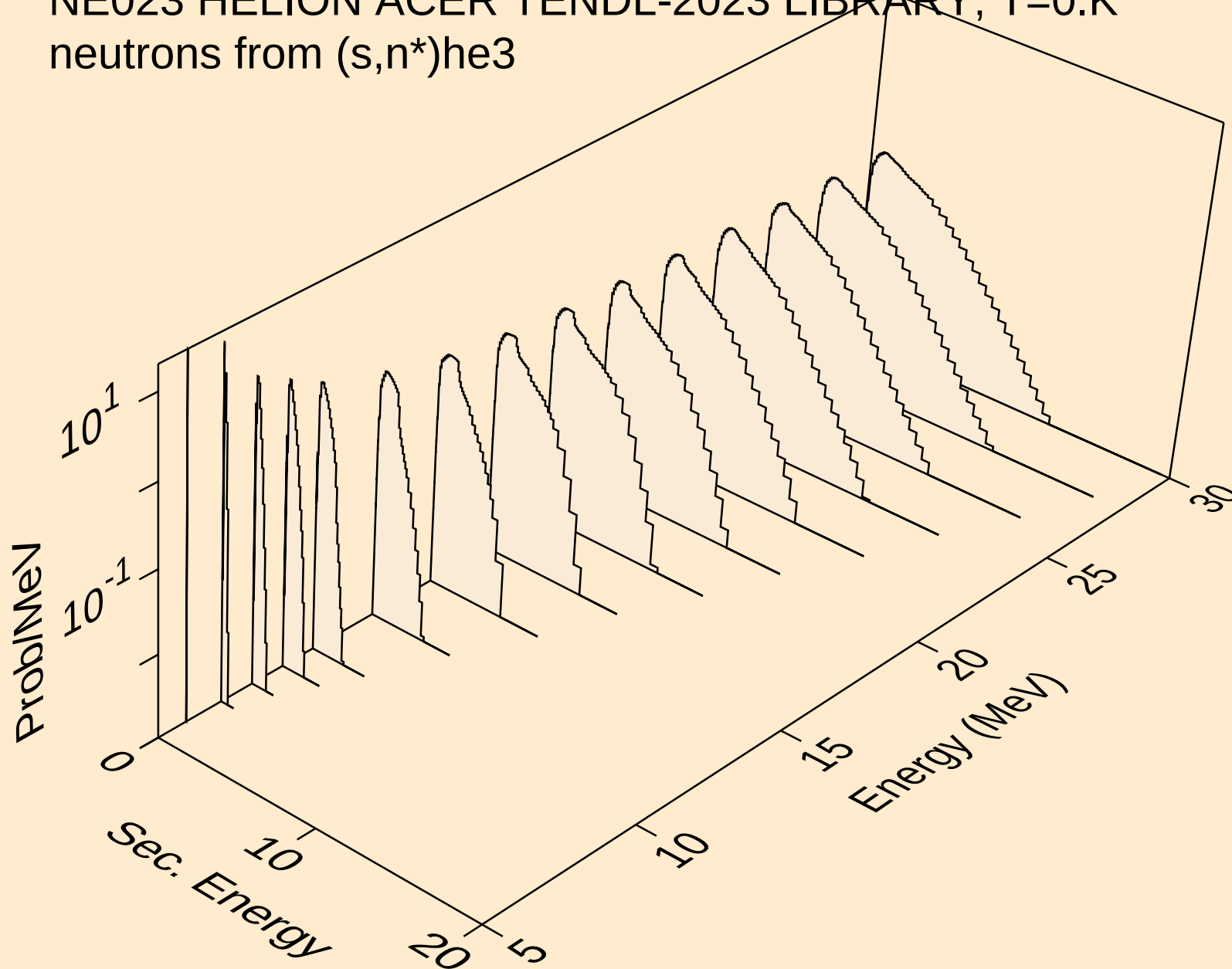
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neutrons from (s,n*)d



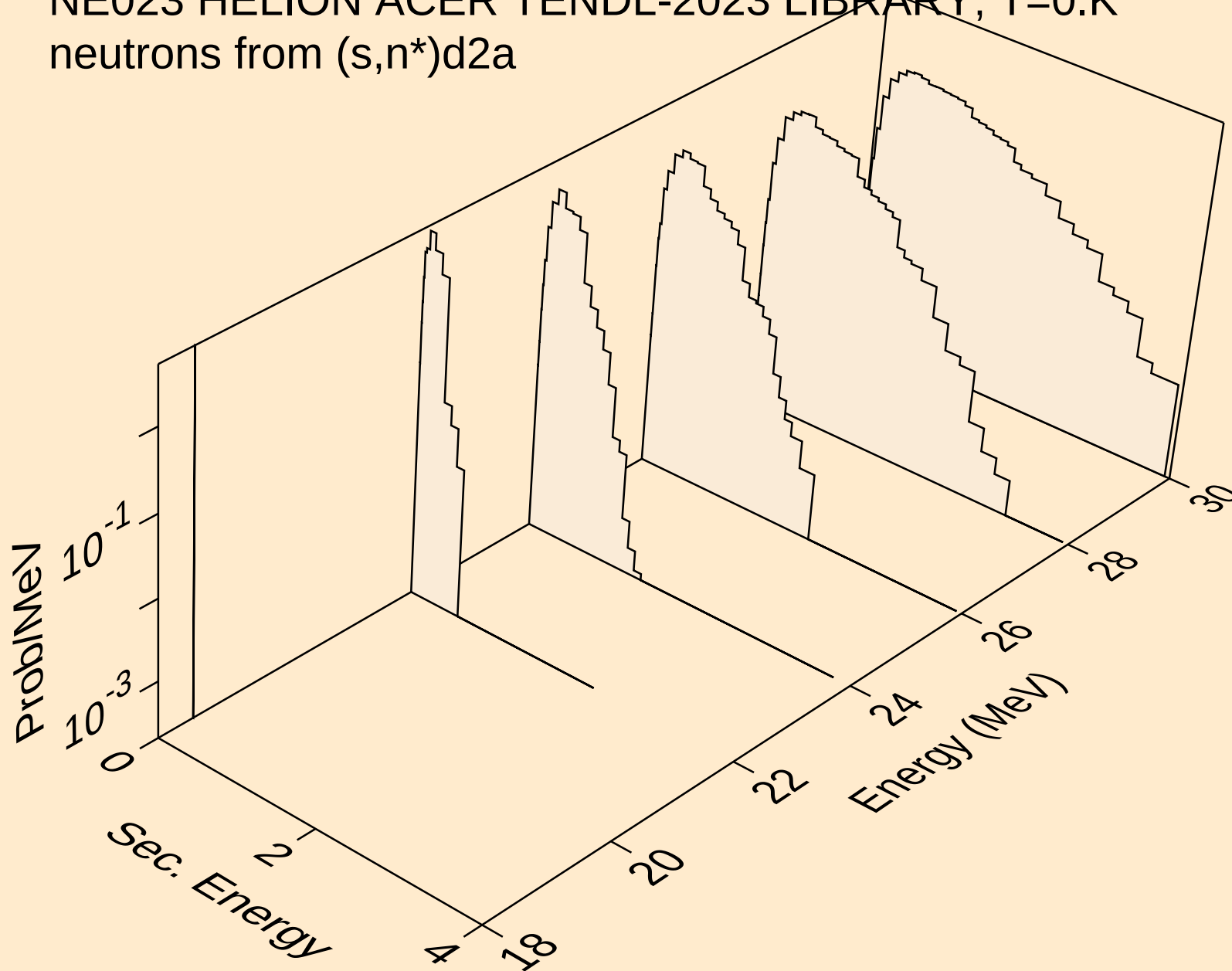
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neutrons from (s,n*)t



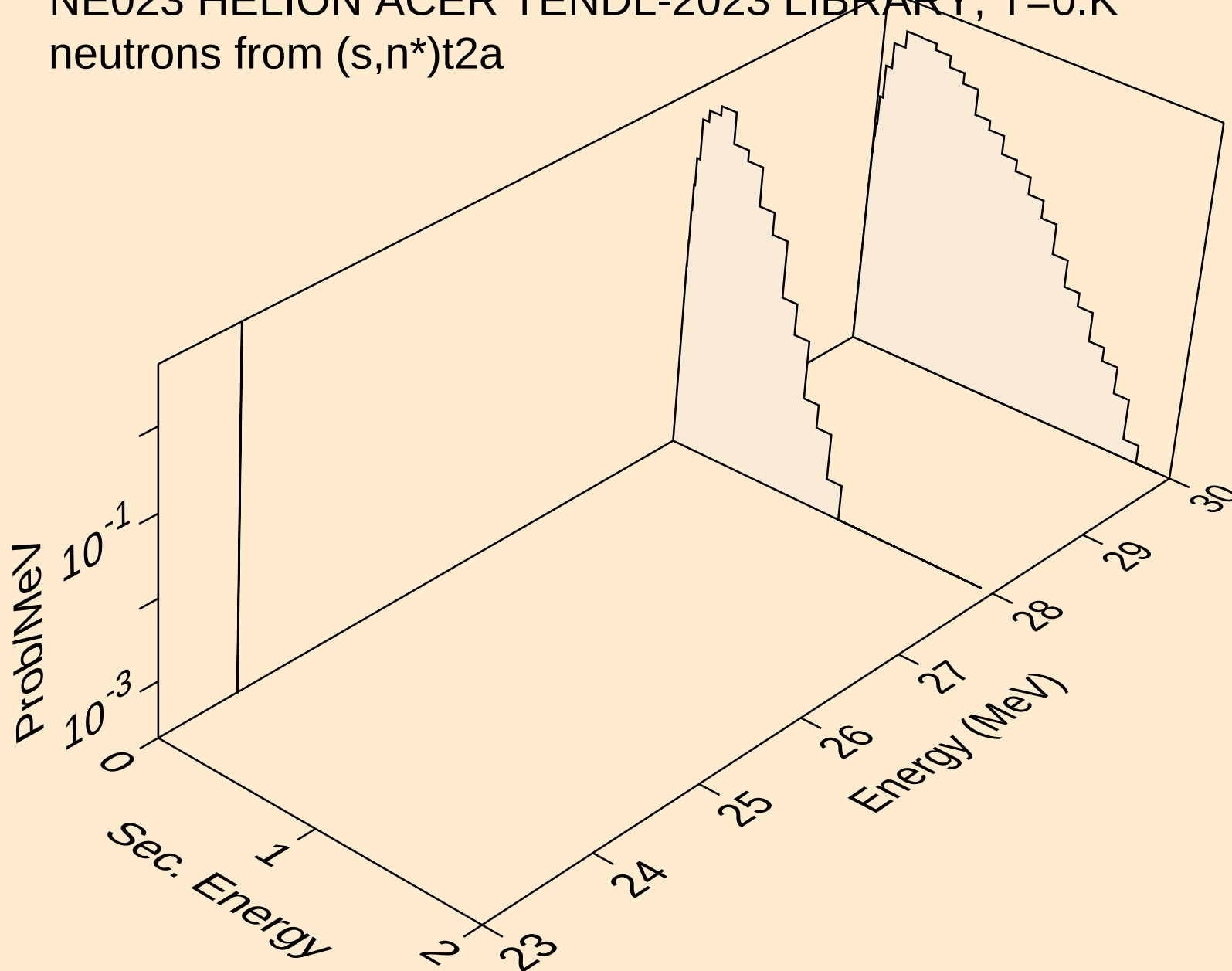
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neutrons from (s,n*)he3



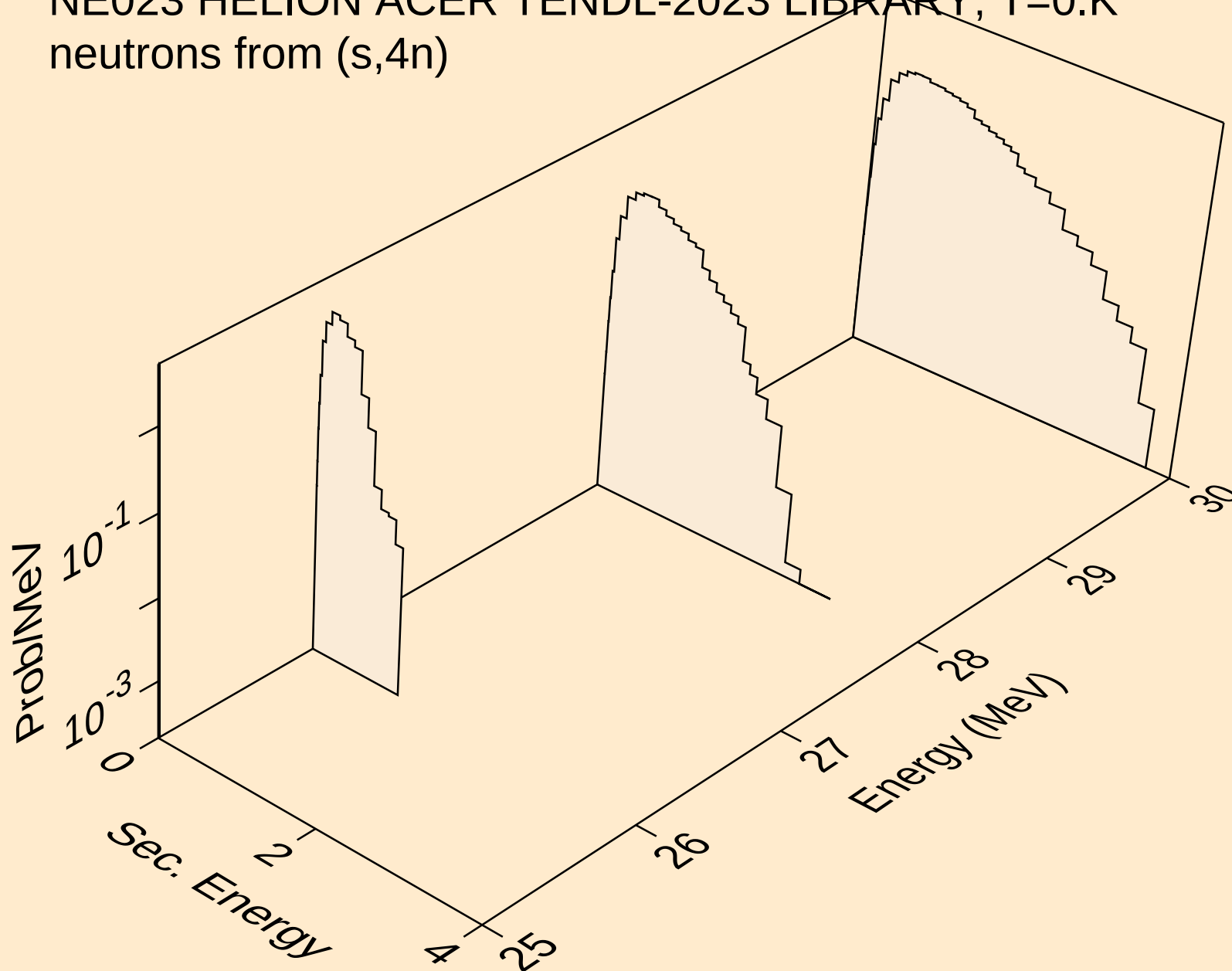
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neutrons from (s,n*)d2a



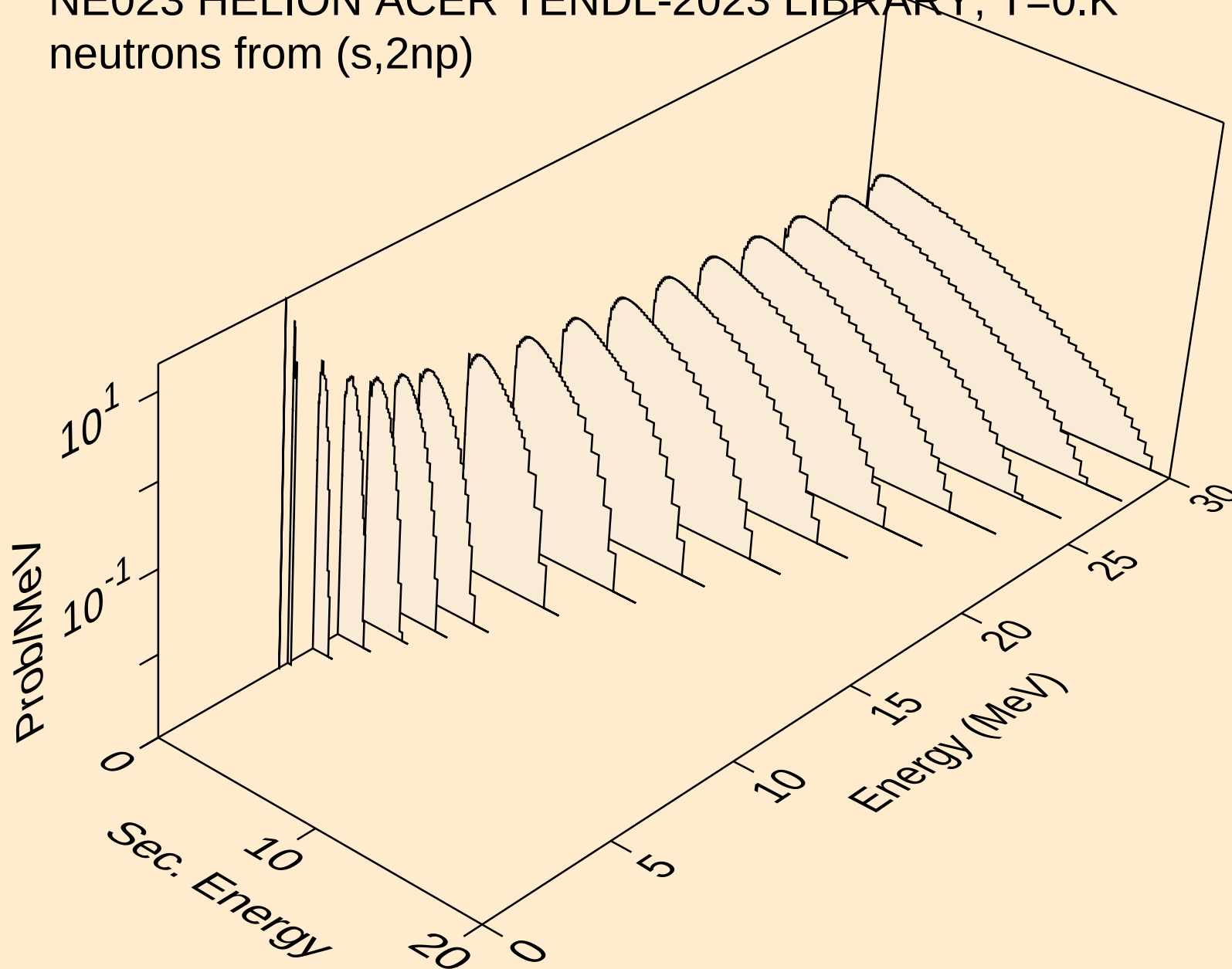
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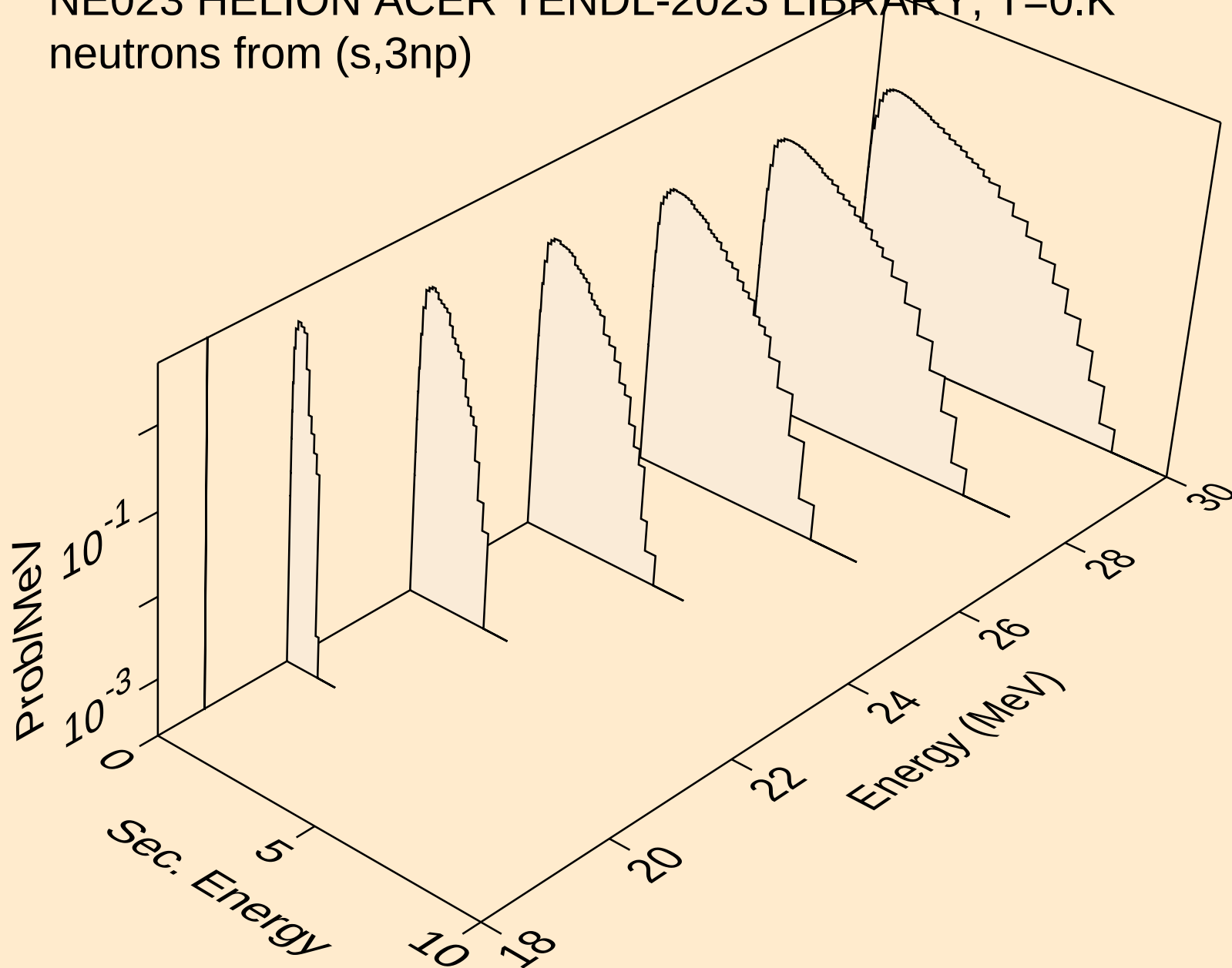
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neutrons from (s,4n)



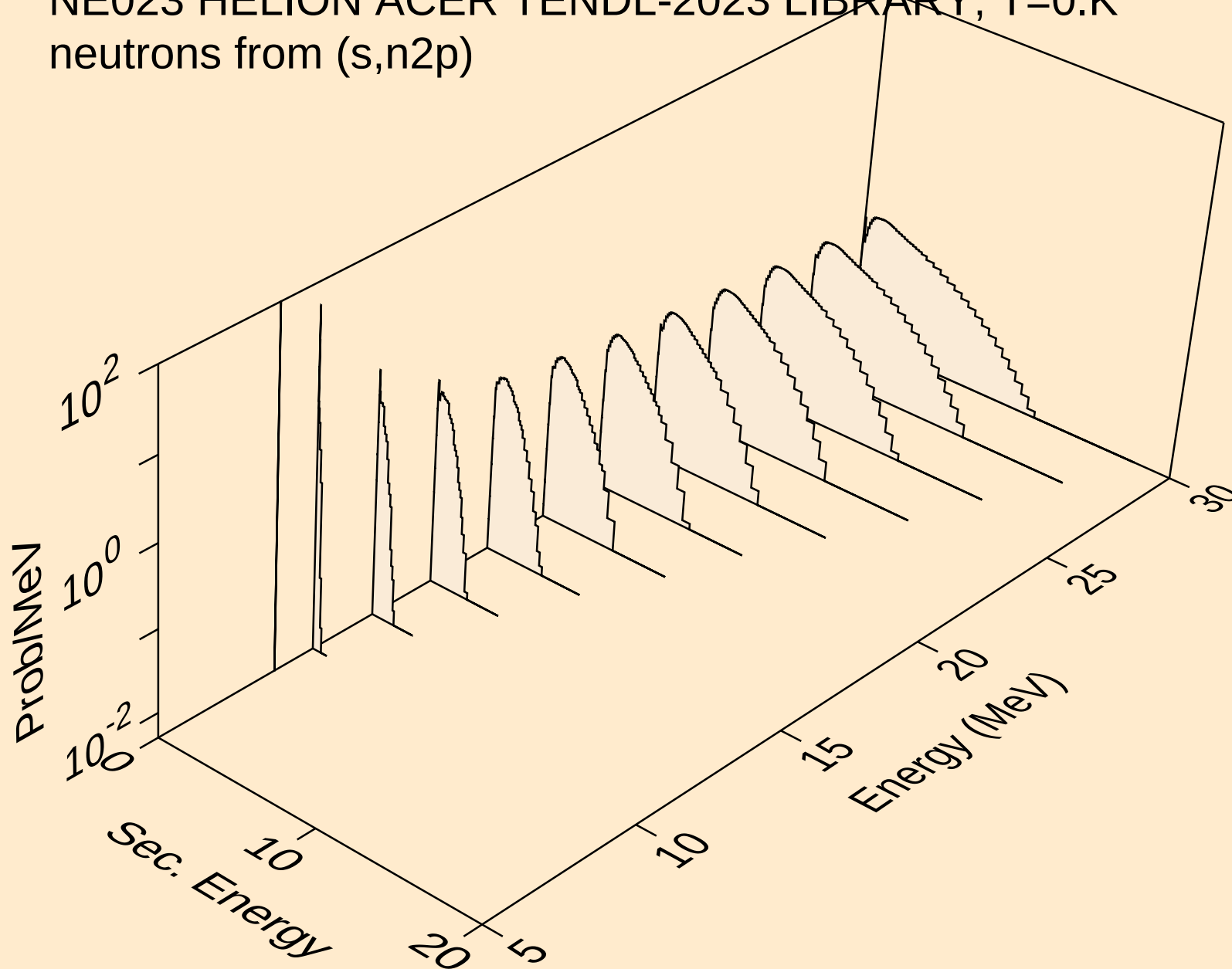
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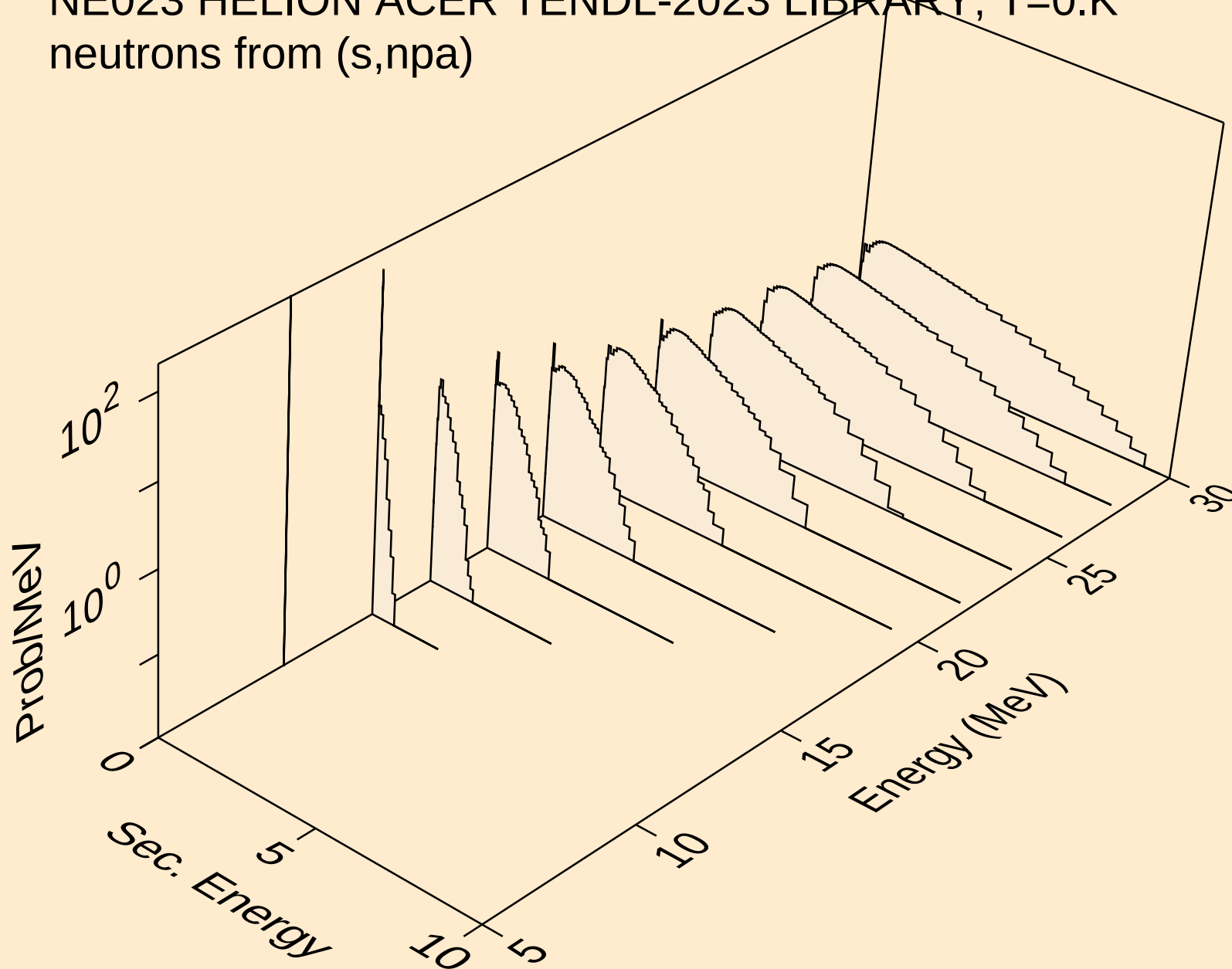
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neutrons from (s,3np)



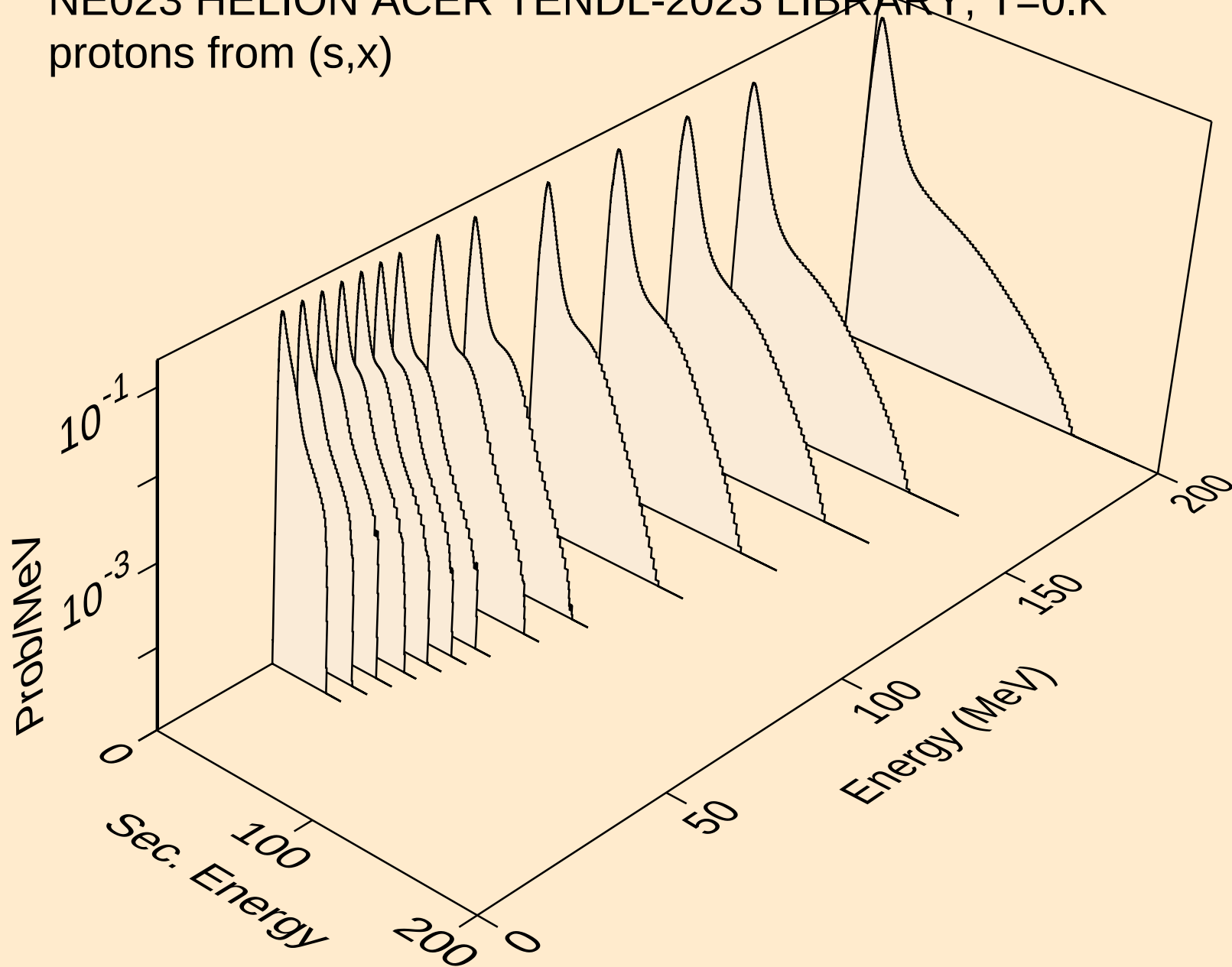
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neutrons from (s,n2p)



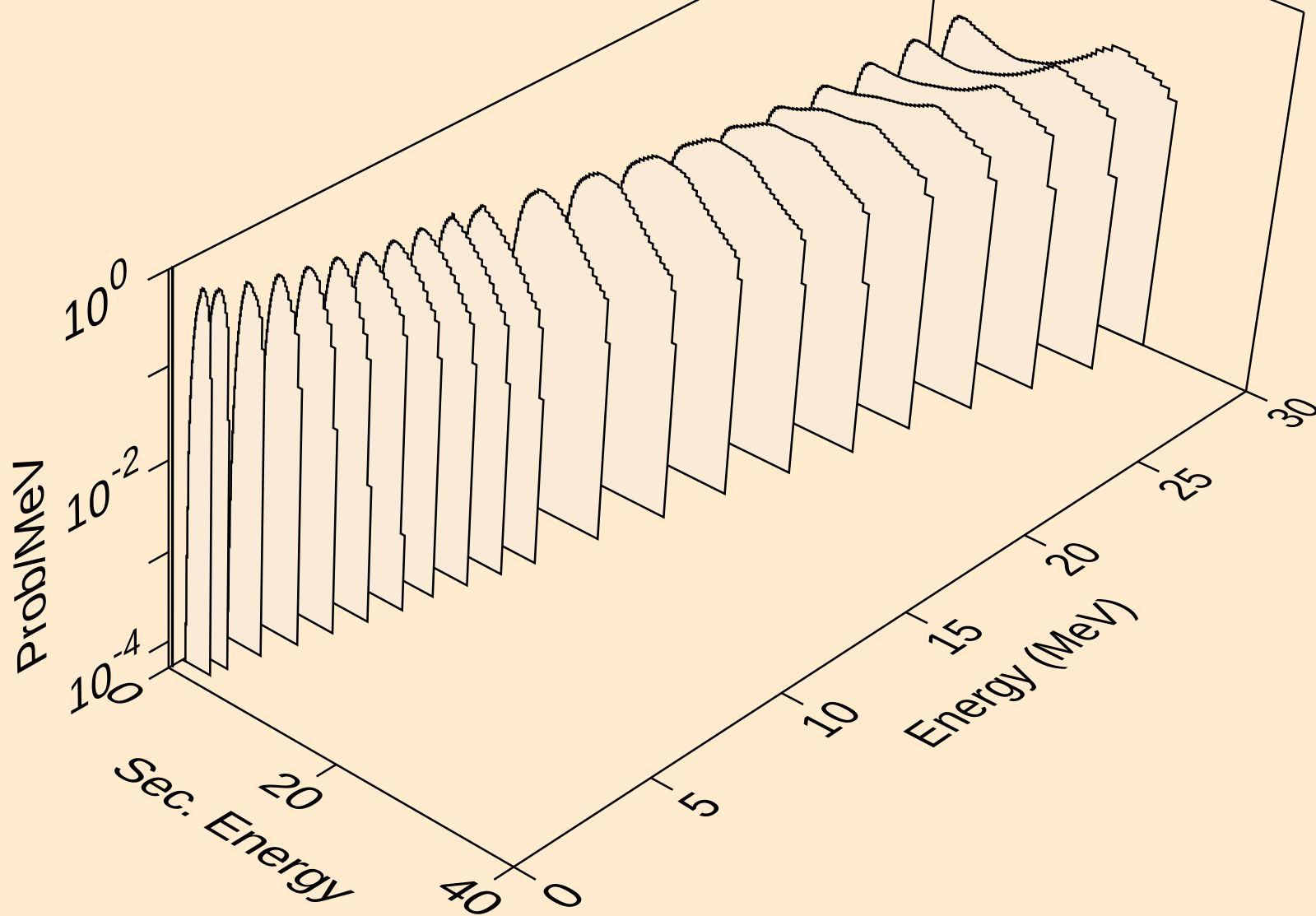
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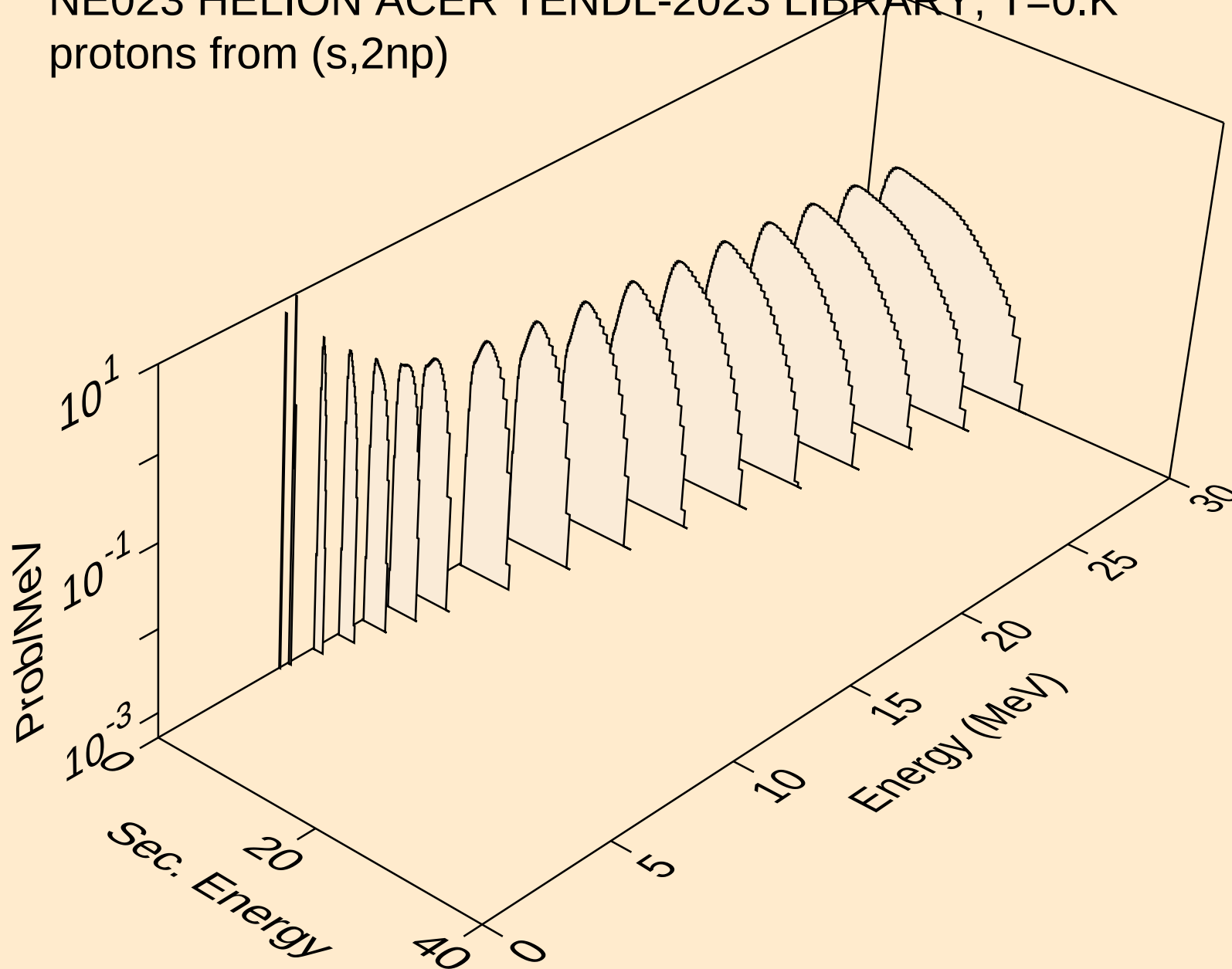
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protons from (s,x)



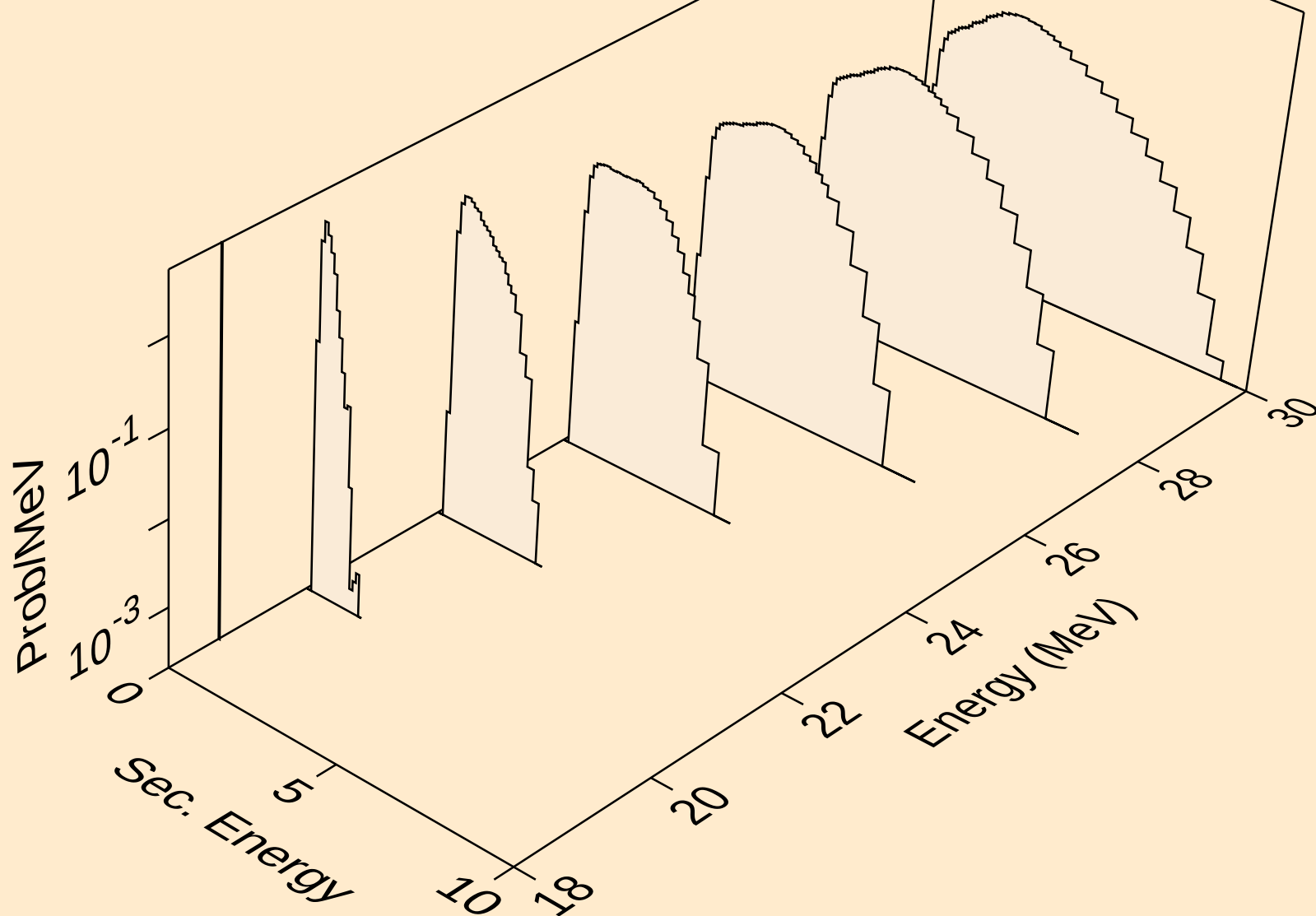
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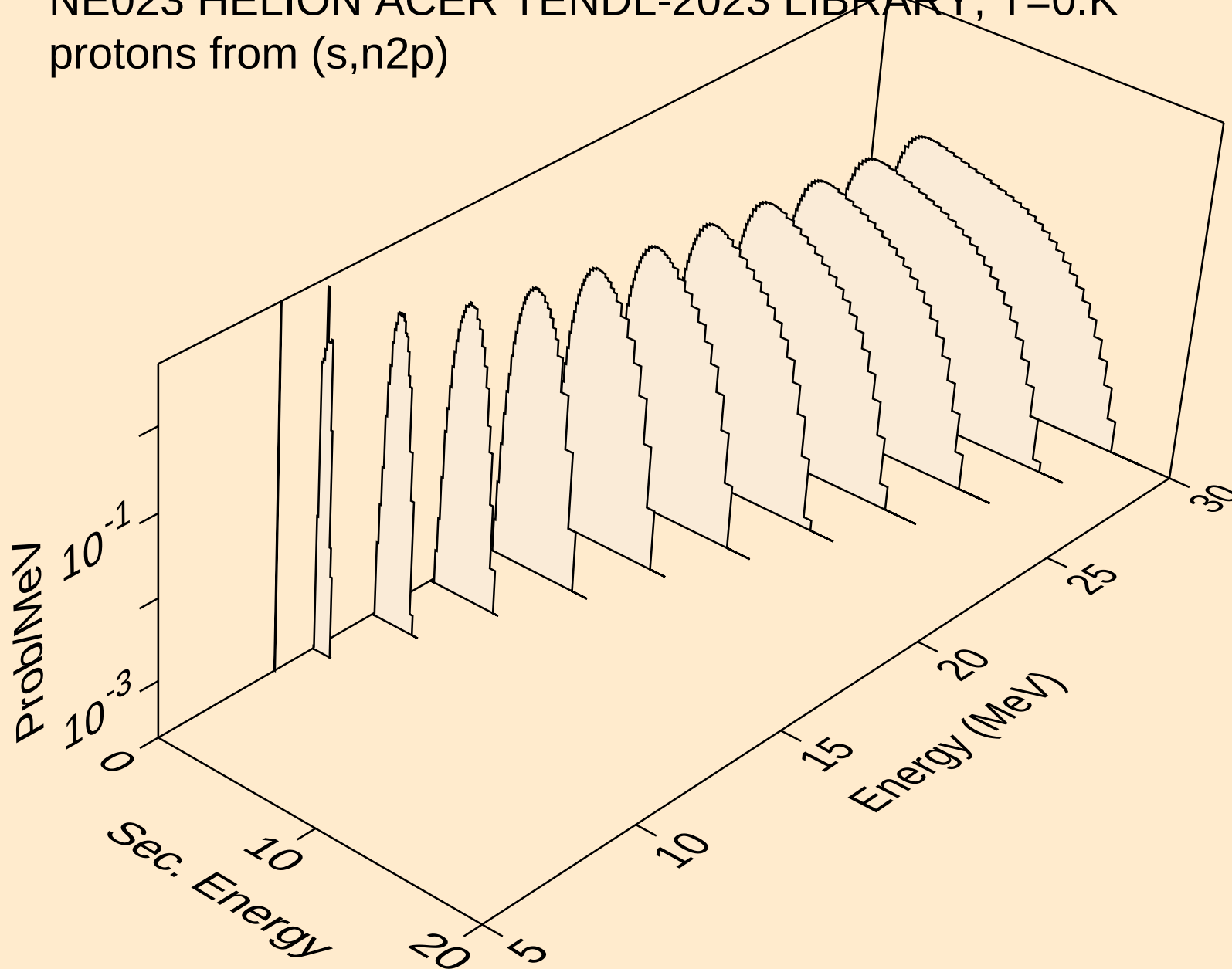
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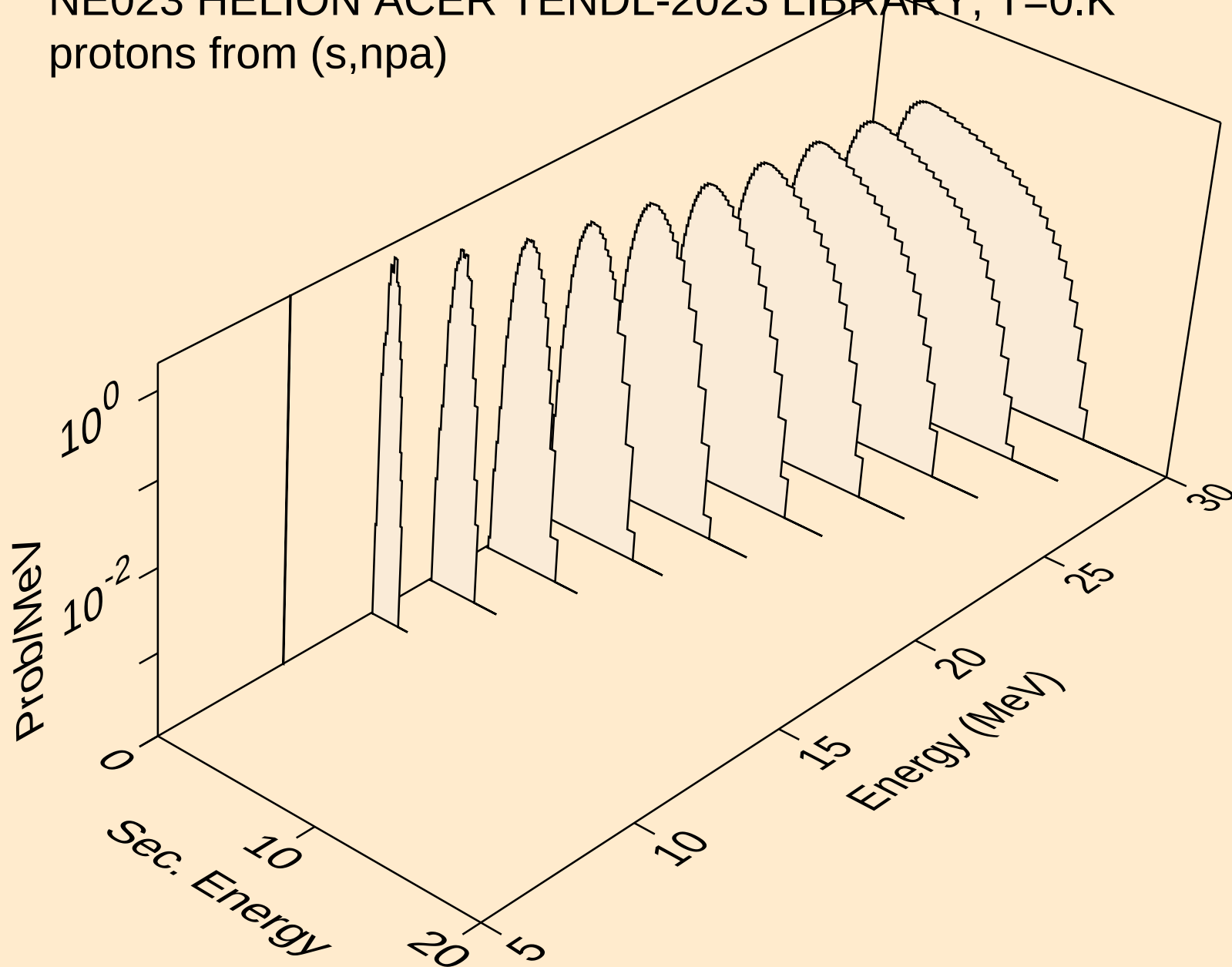
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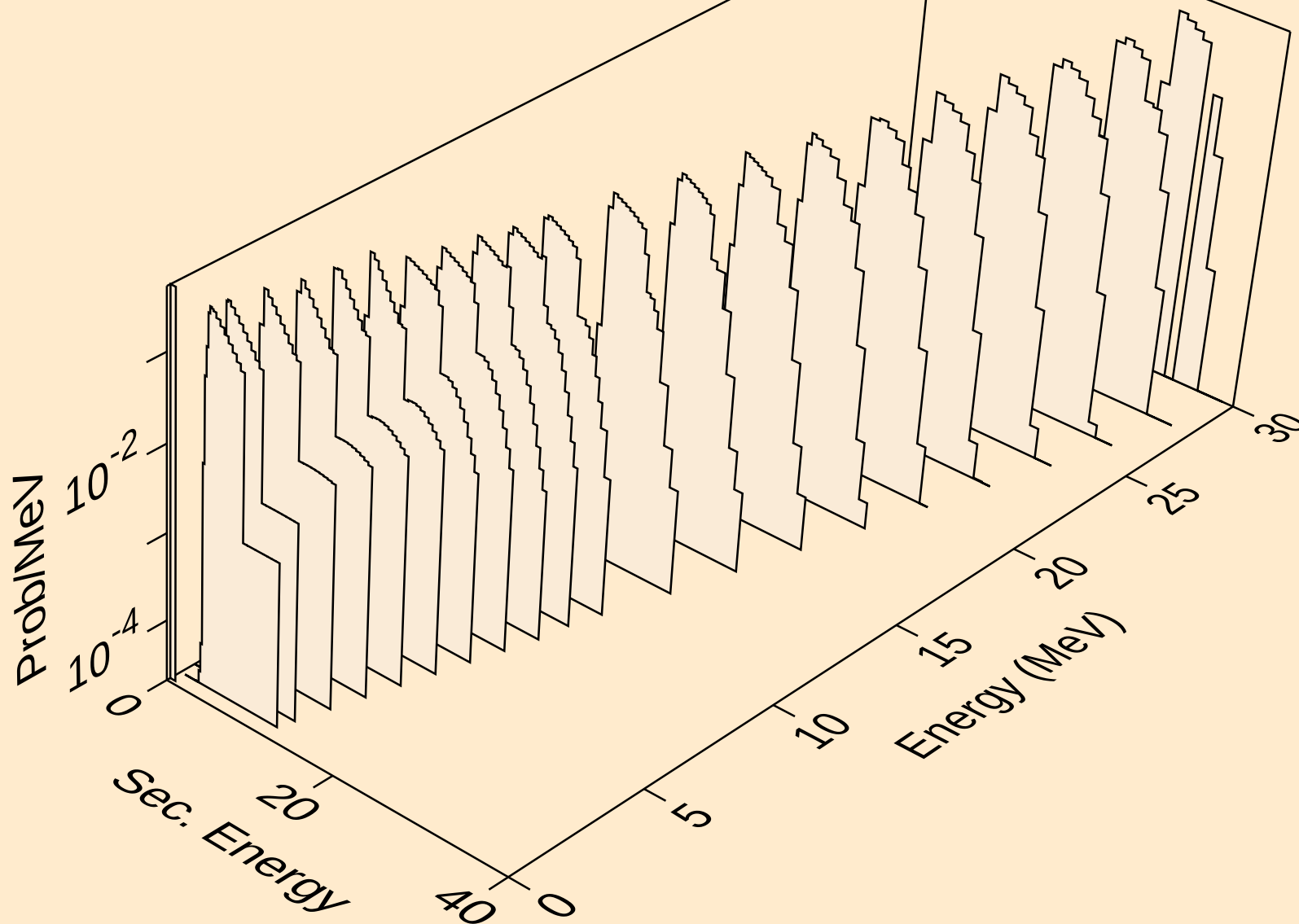
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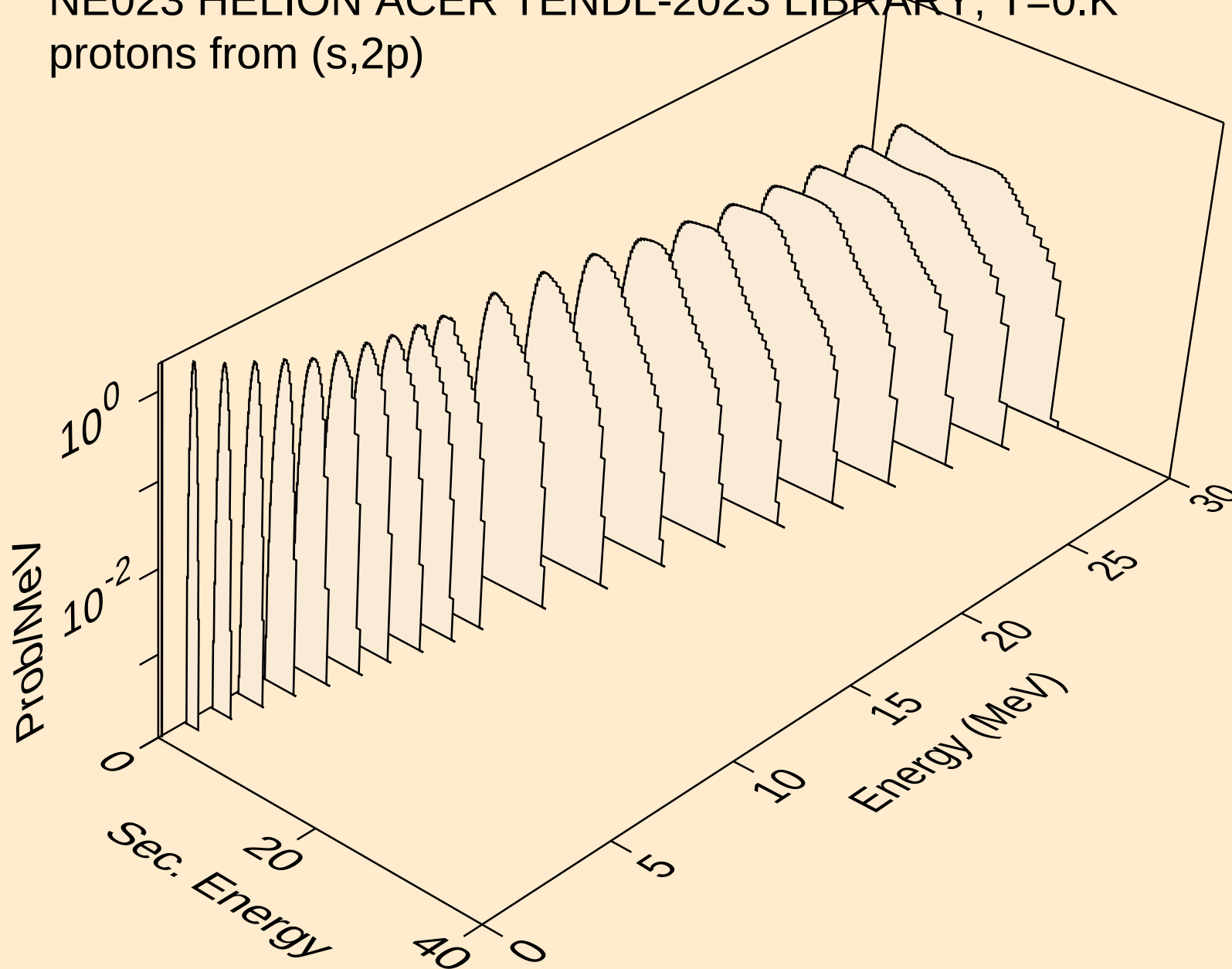
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protons from (s,npa)



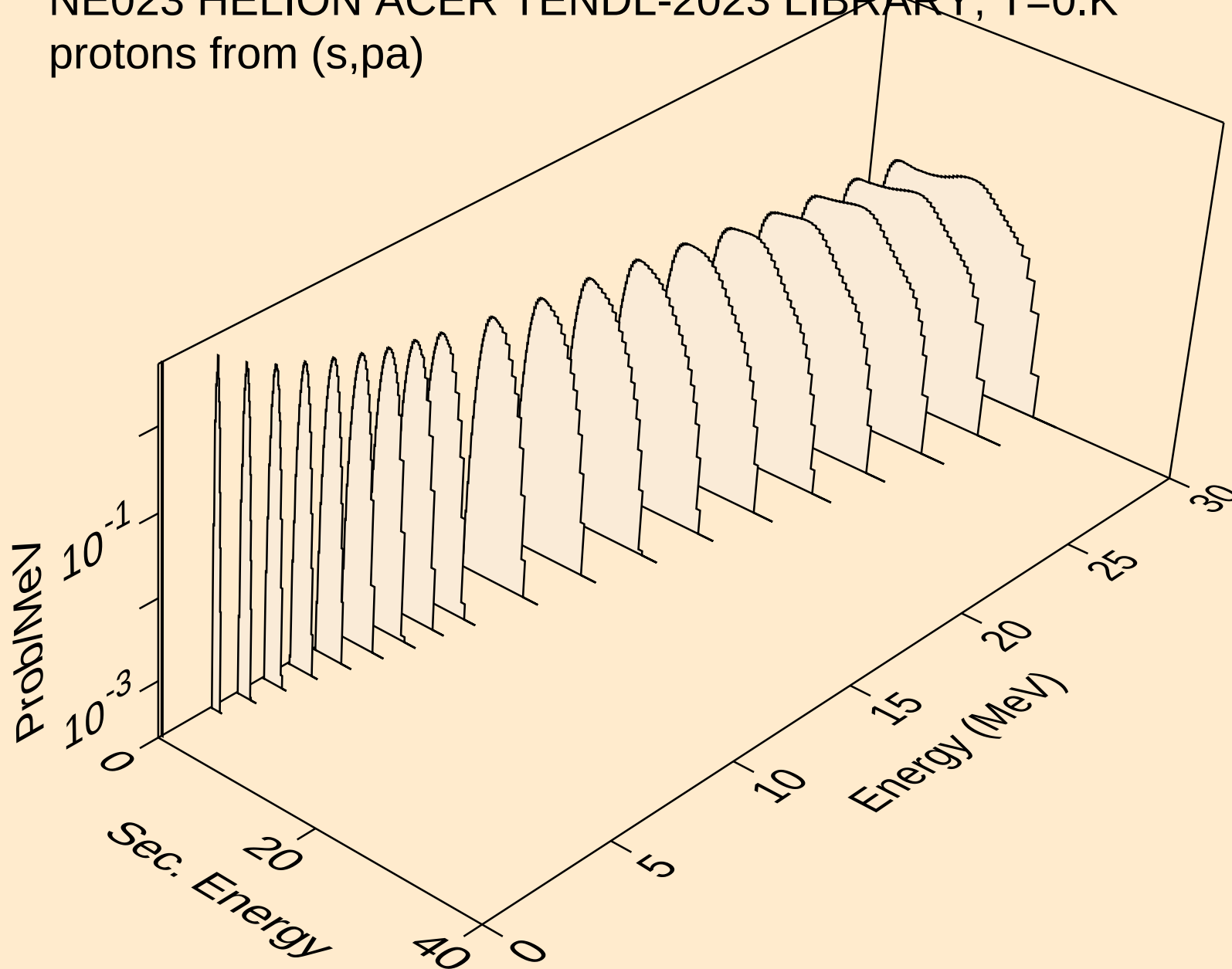
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protons from (s,p)



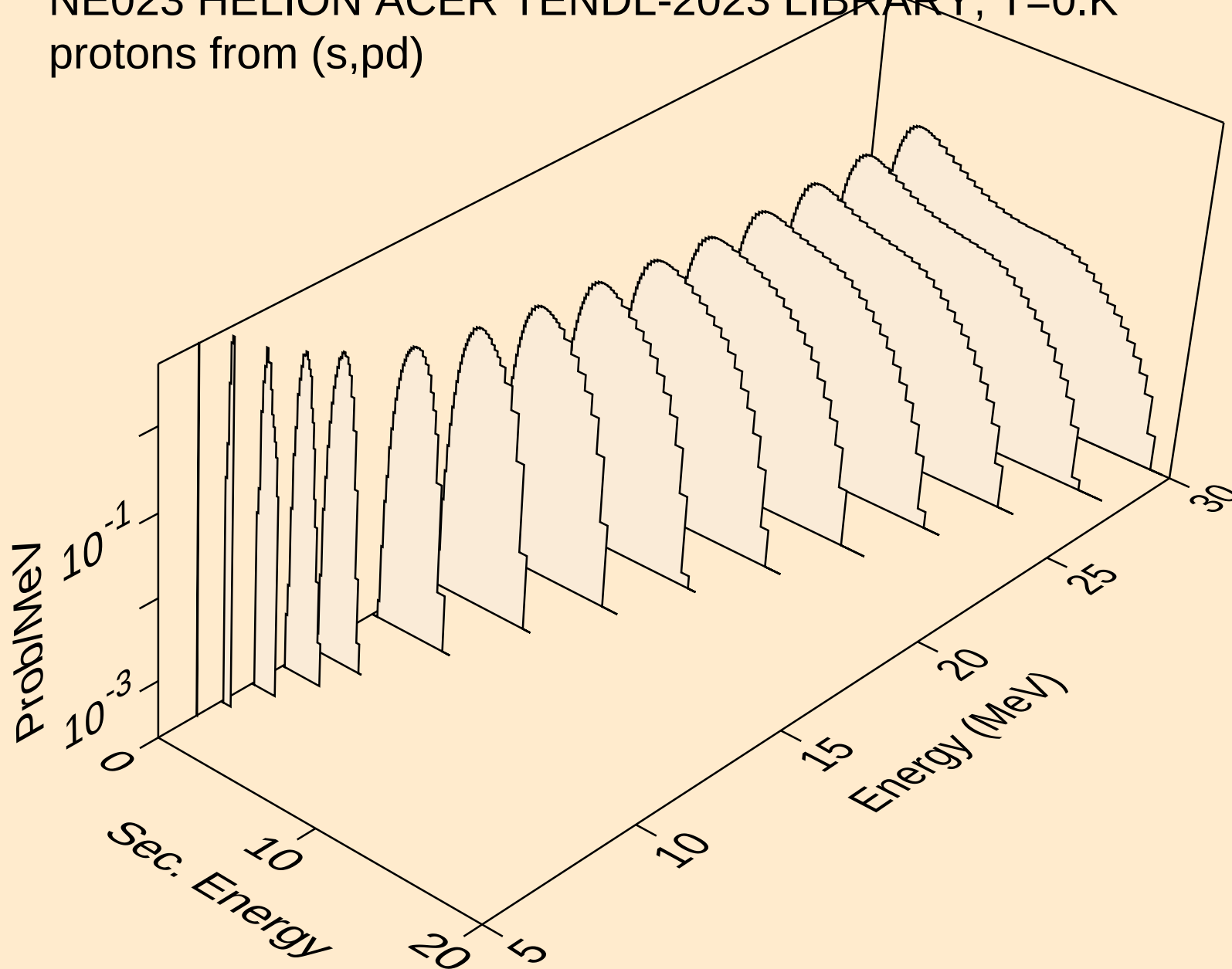
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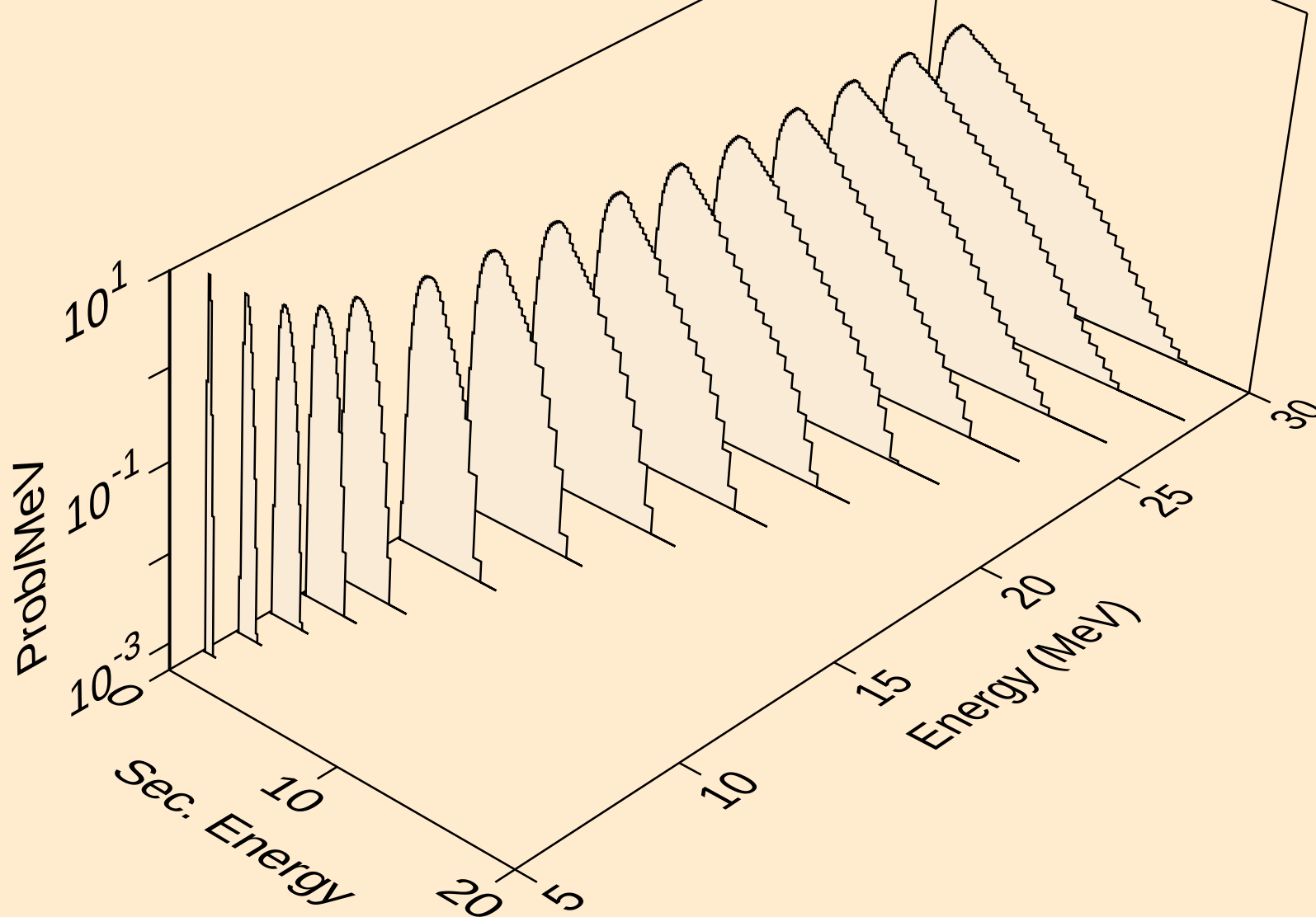
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protons from (s,pa)



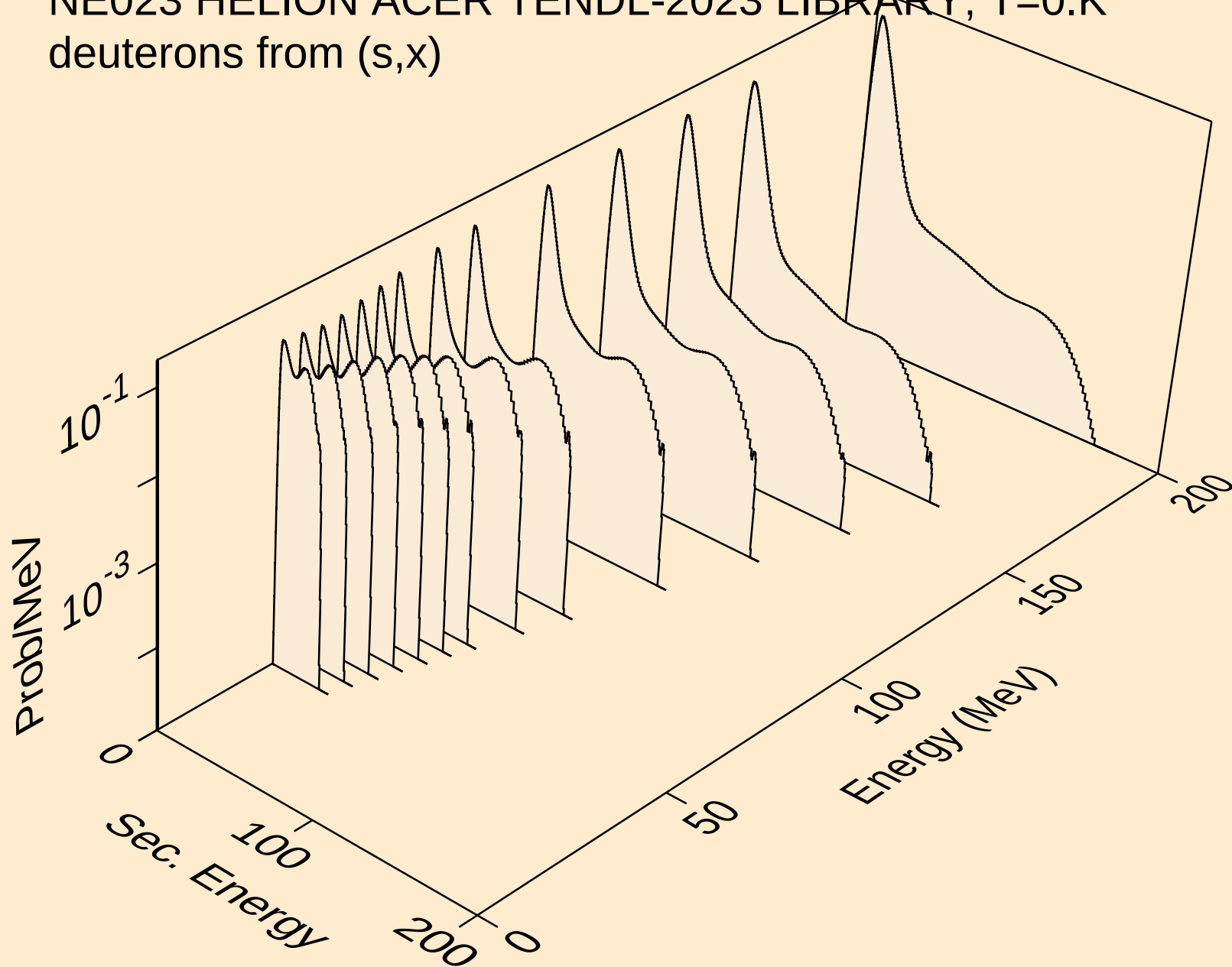
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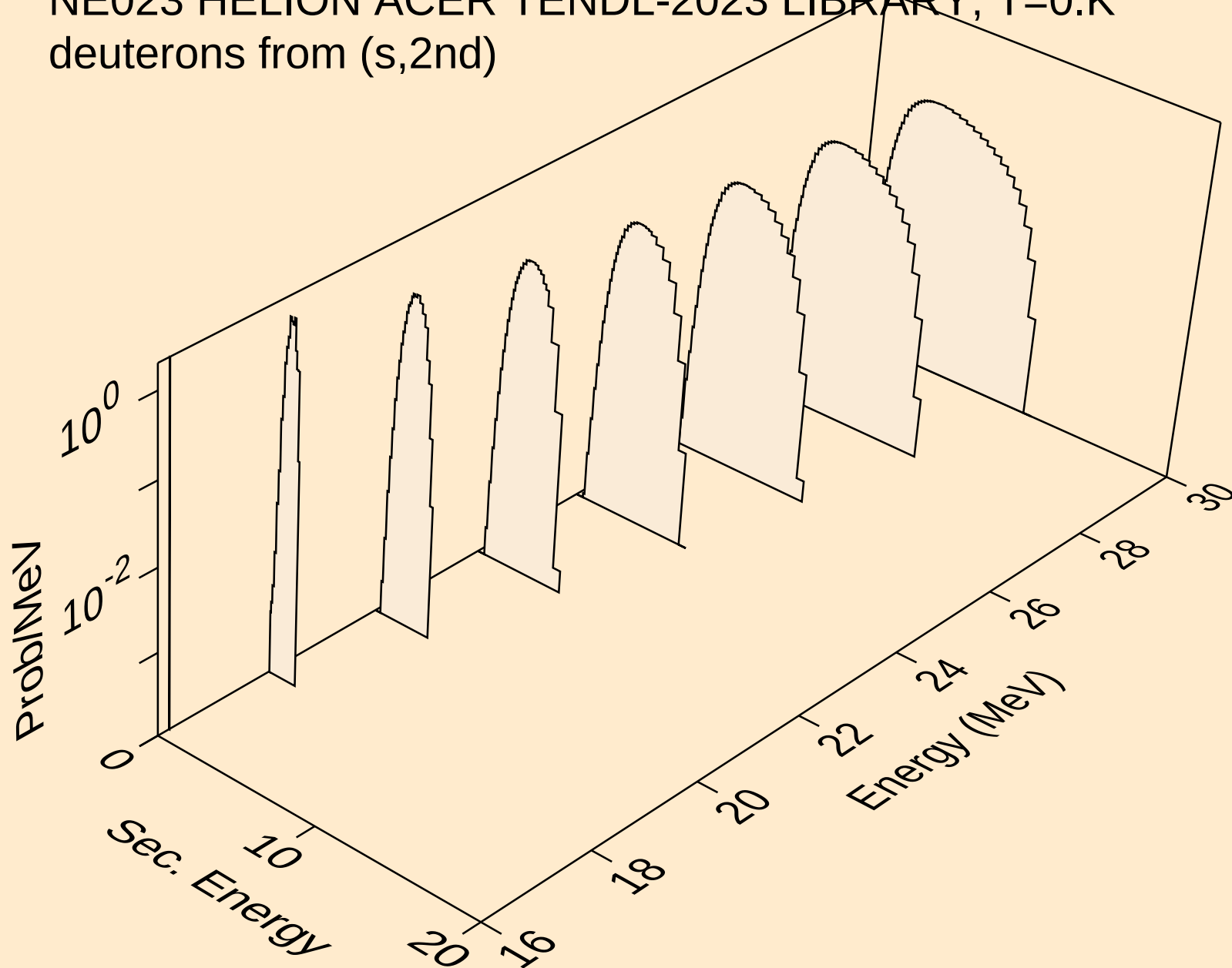
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protons from (s,pt)



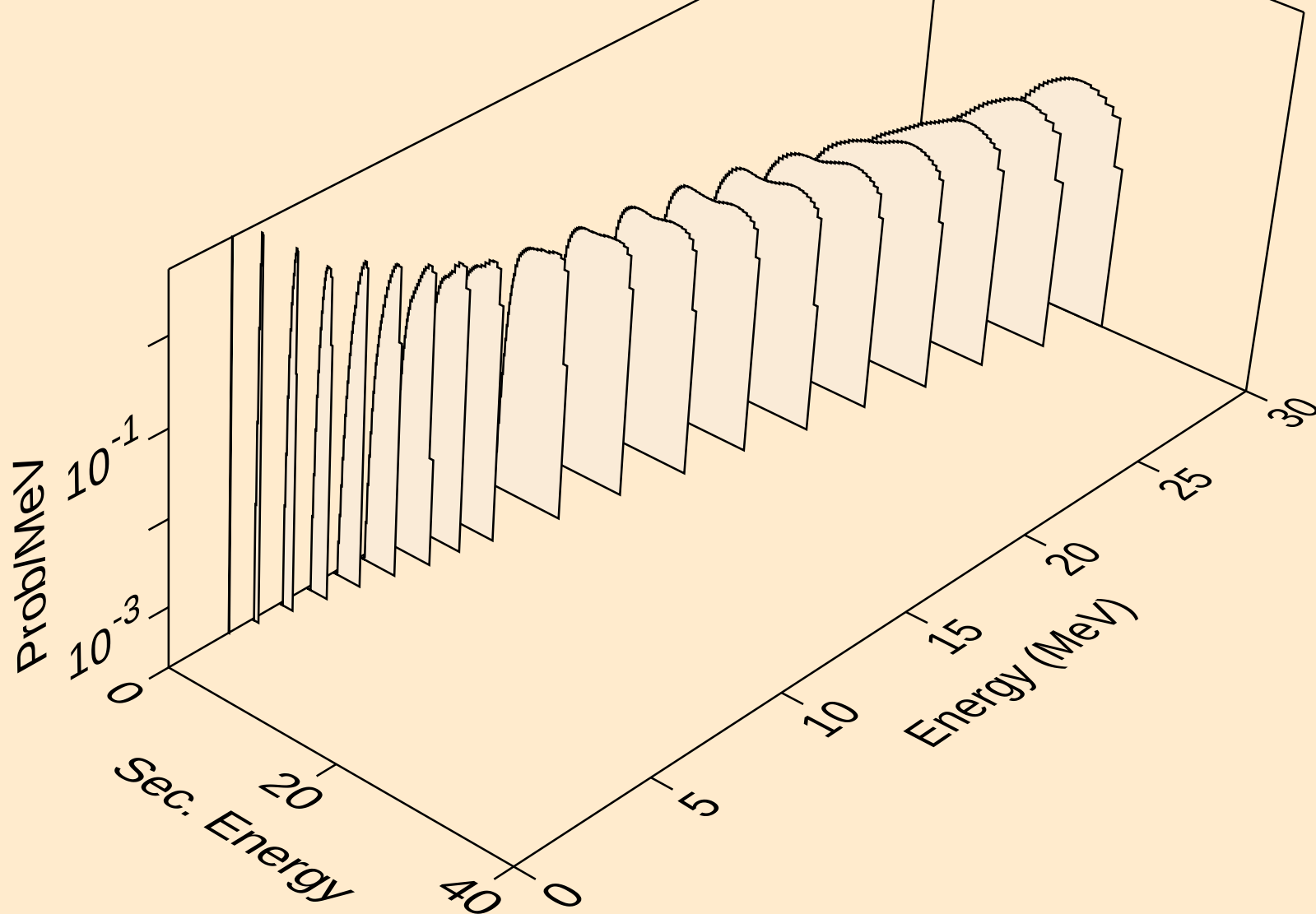
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deuterons from (s,x)



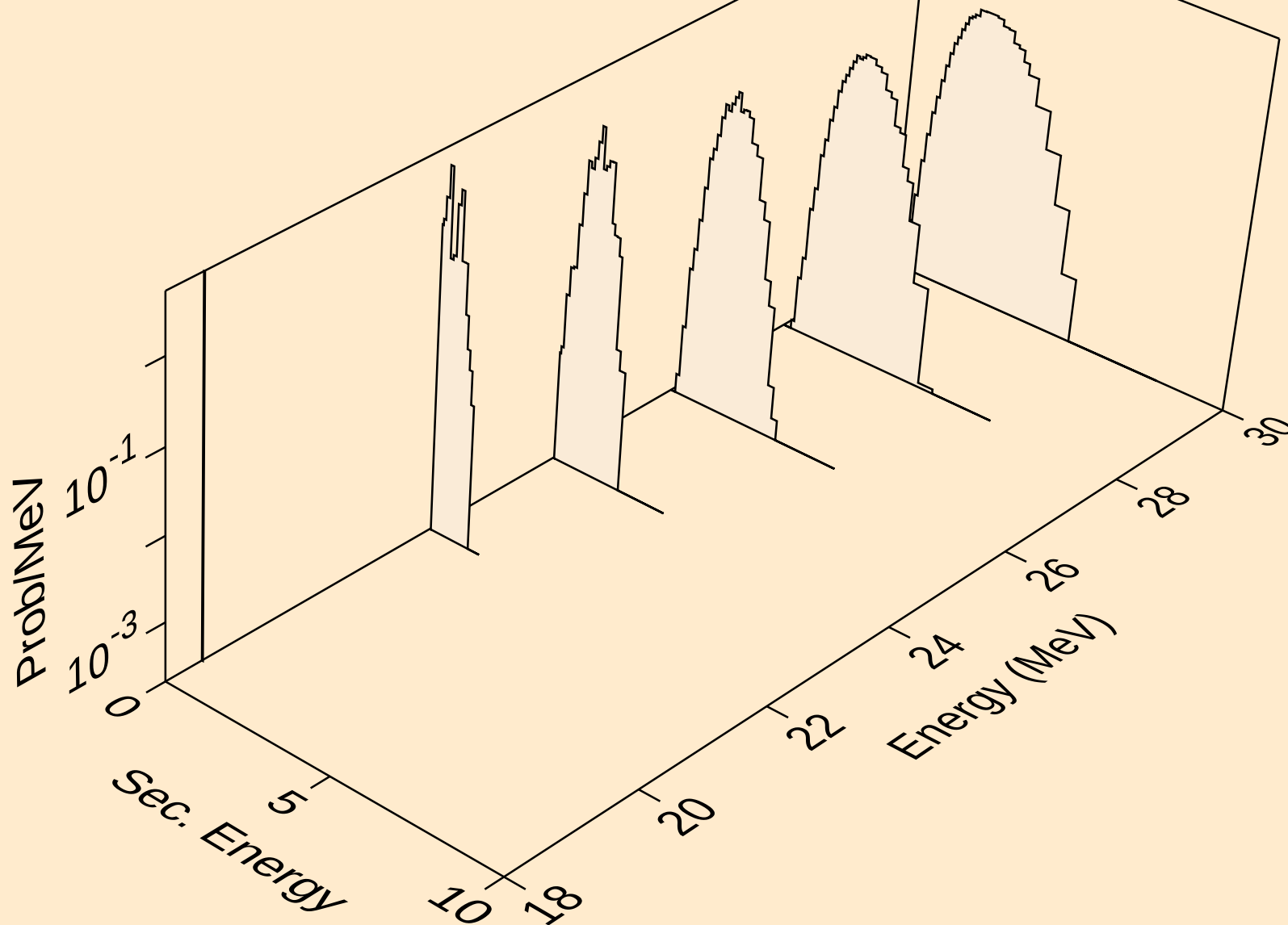
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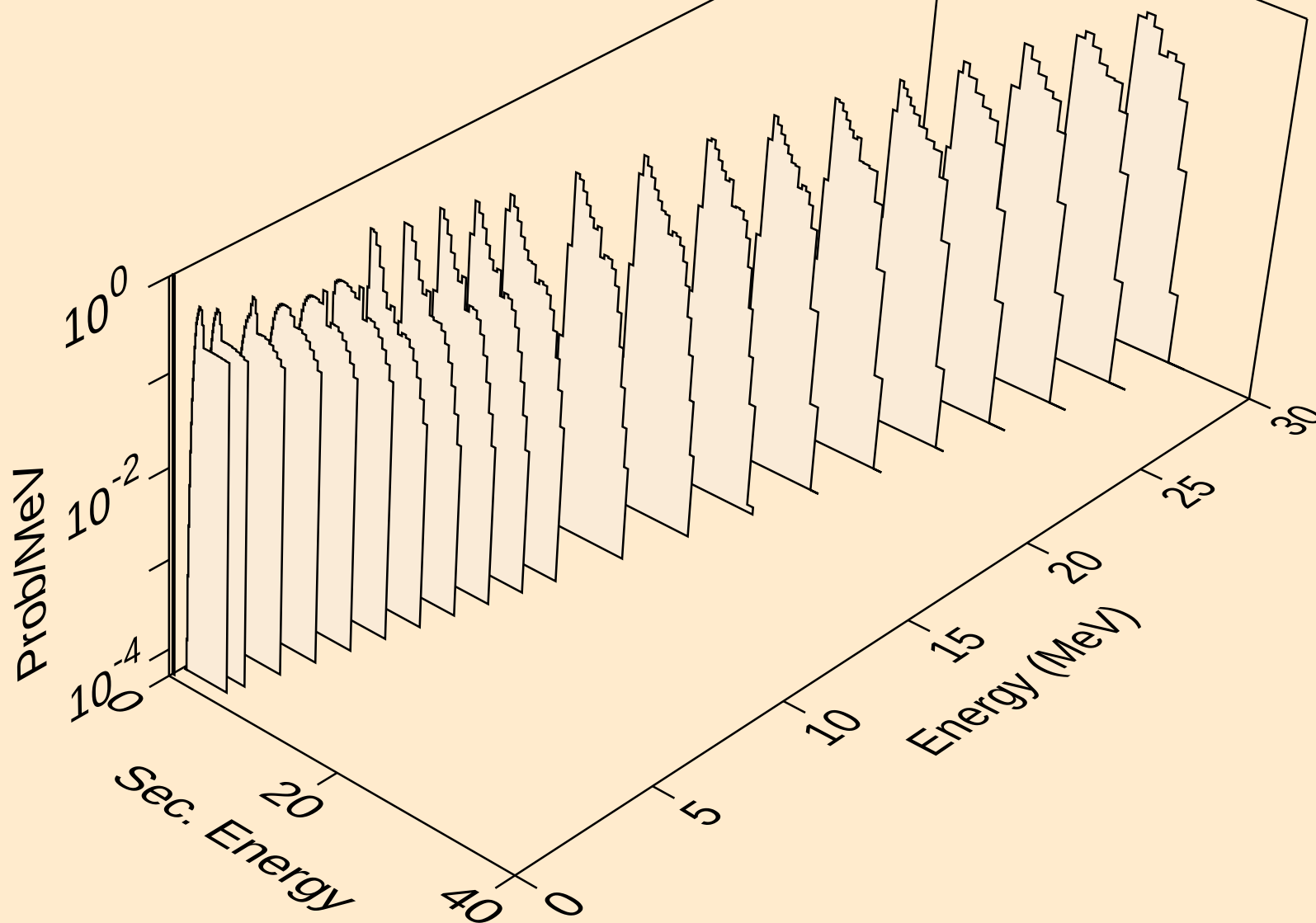
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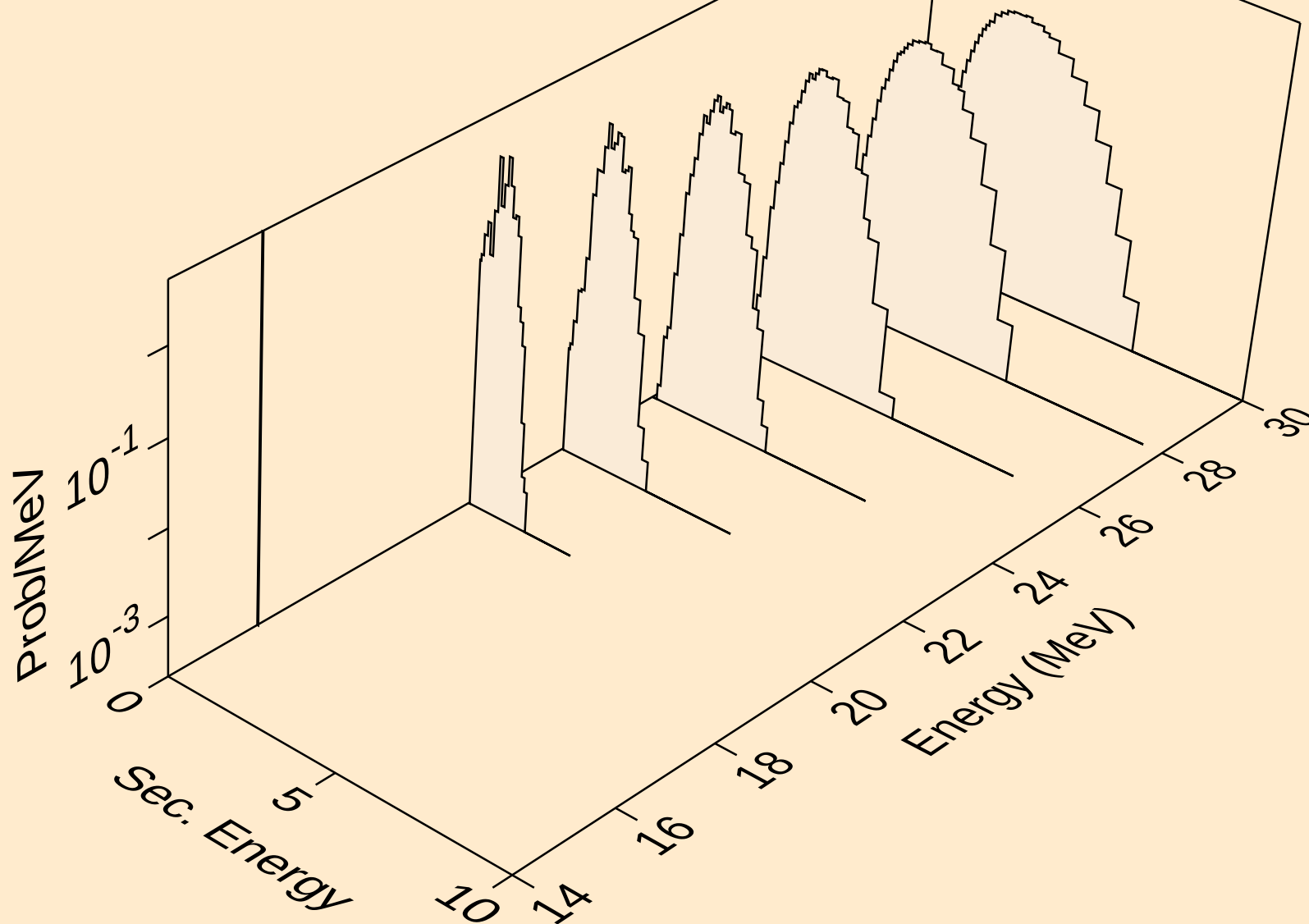
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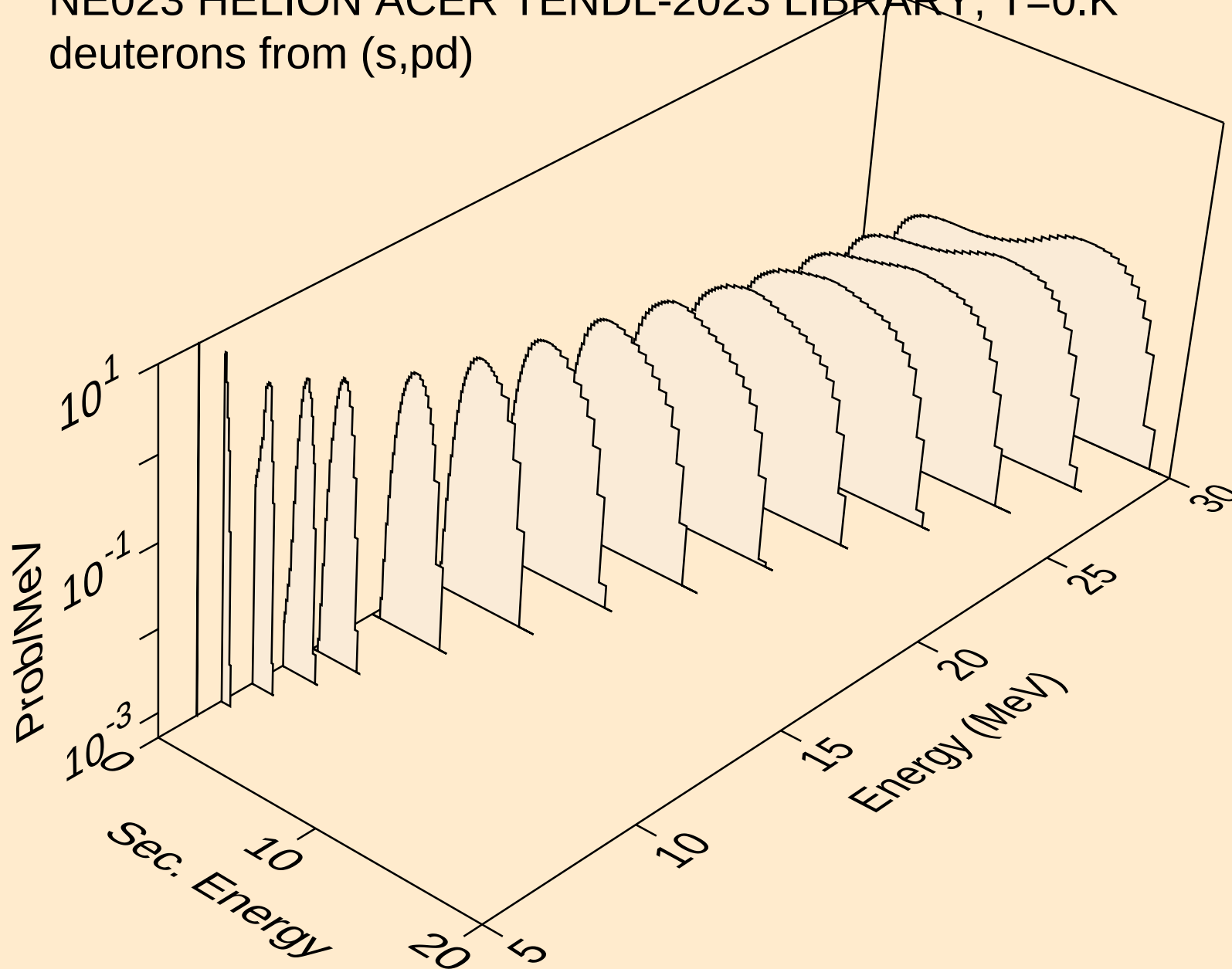
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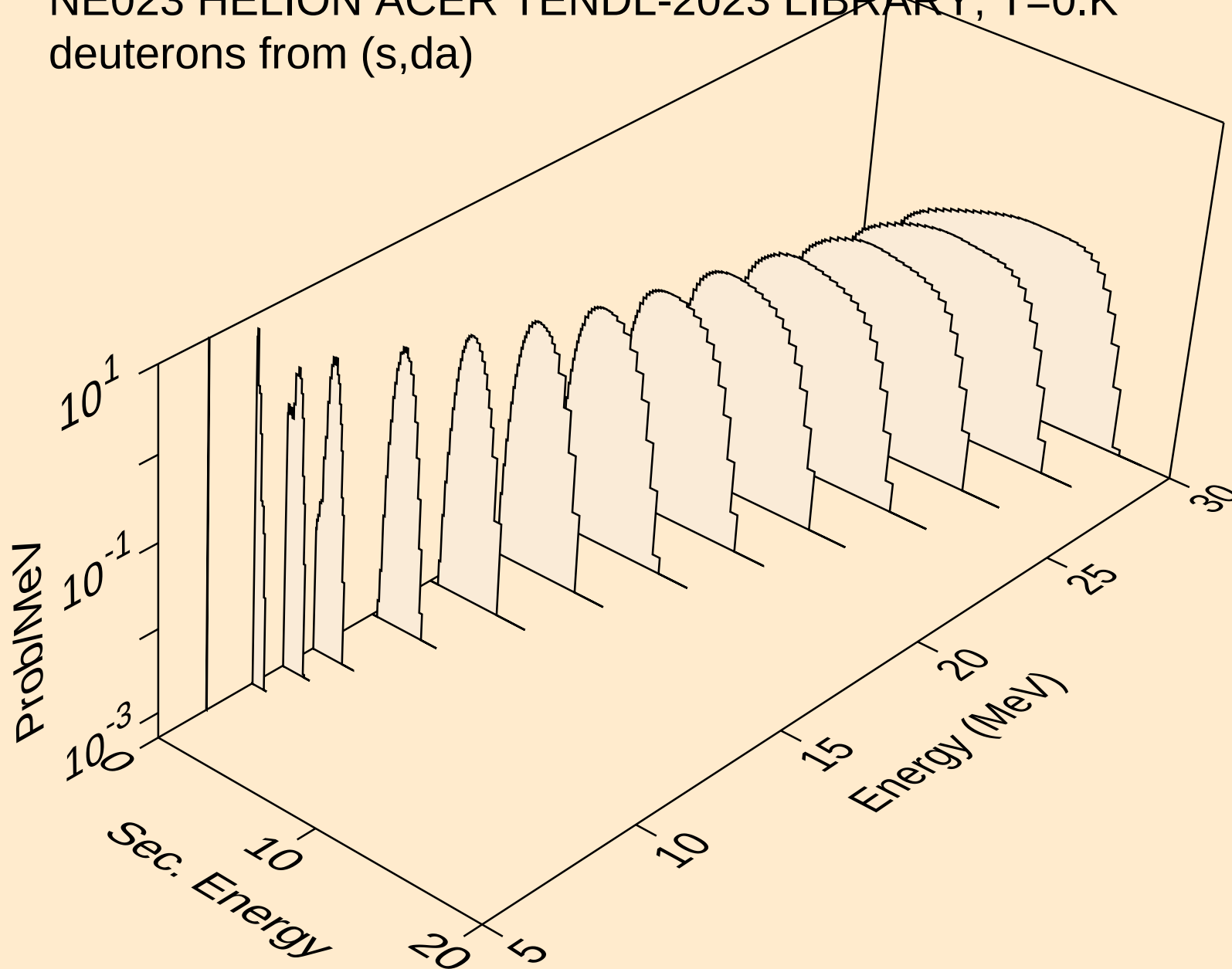
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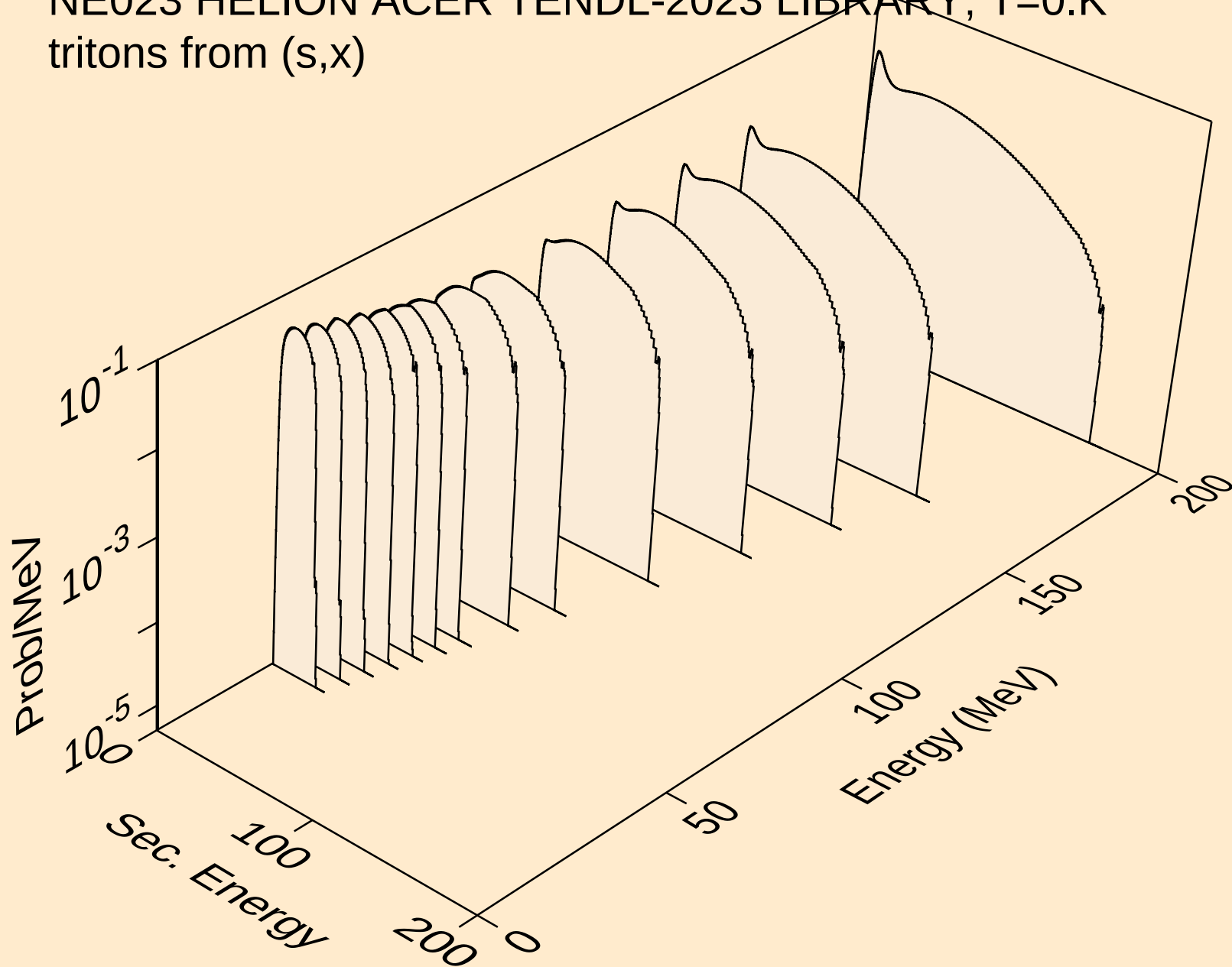
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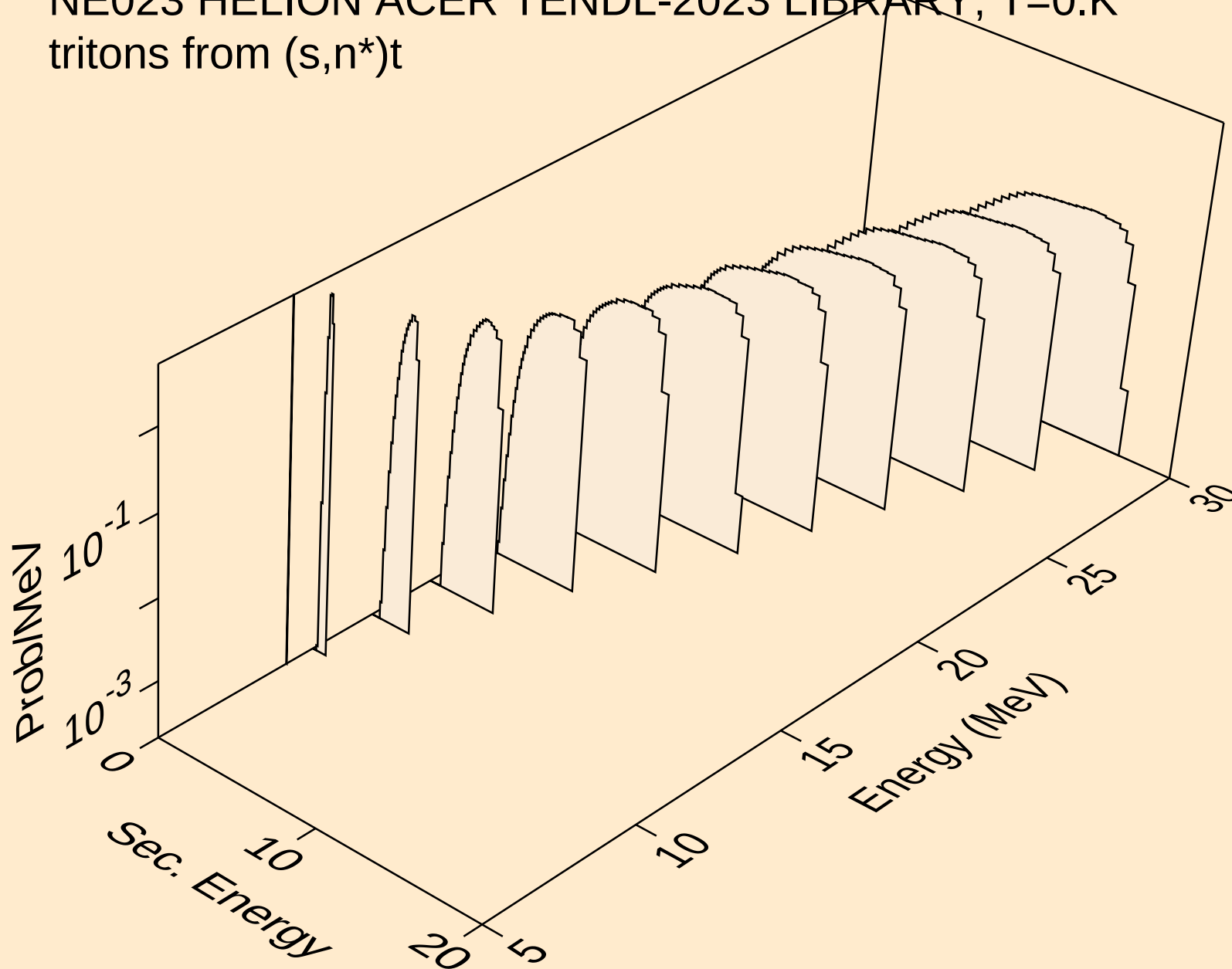
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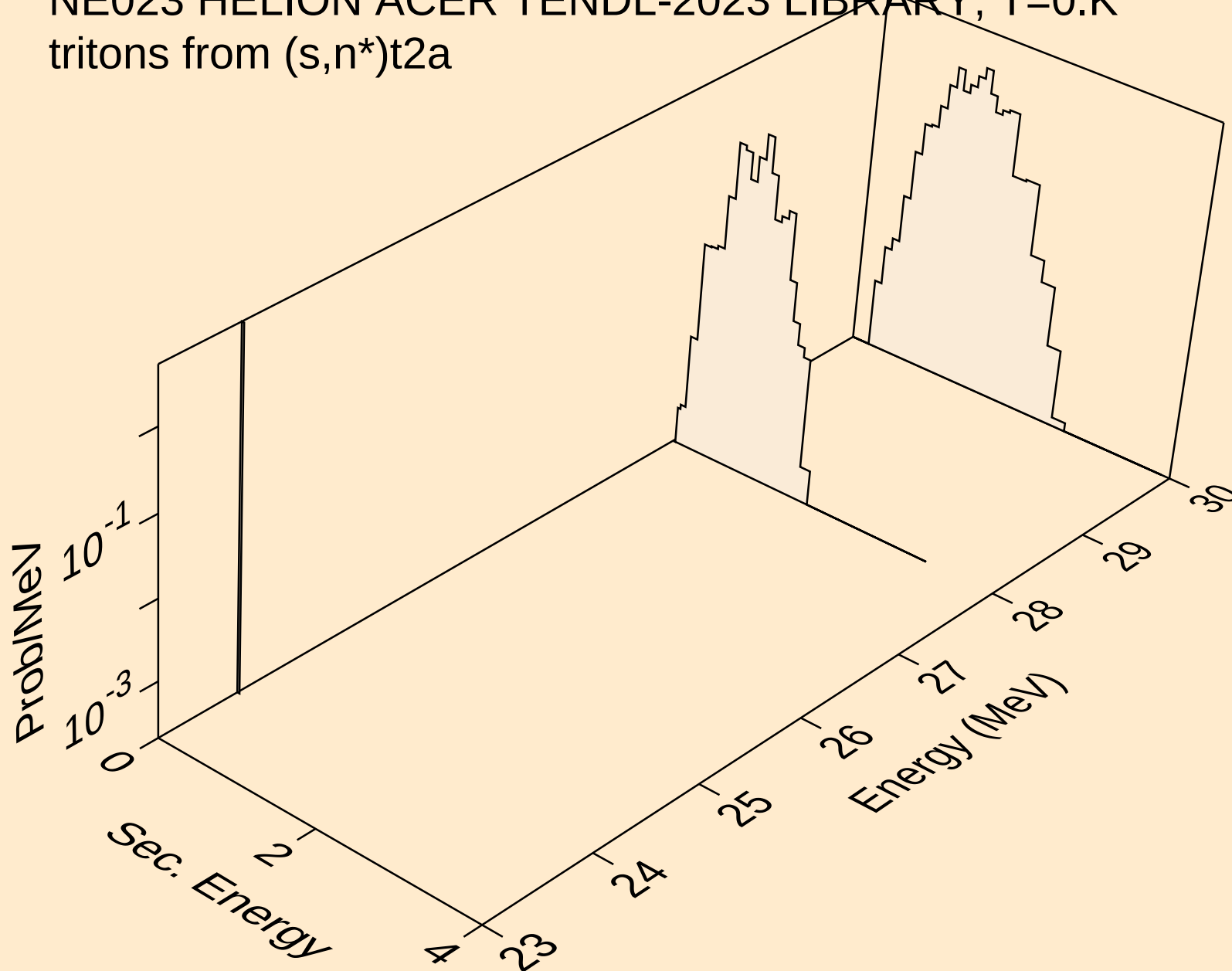
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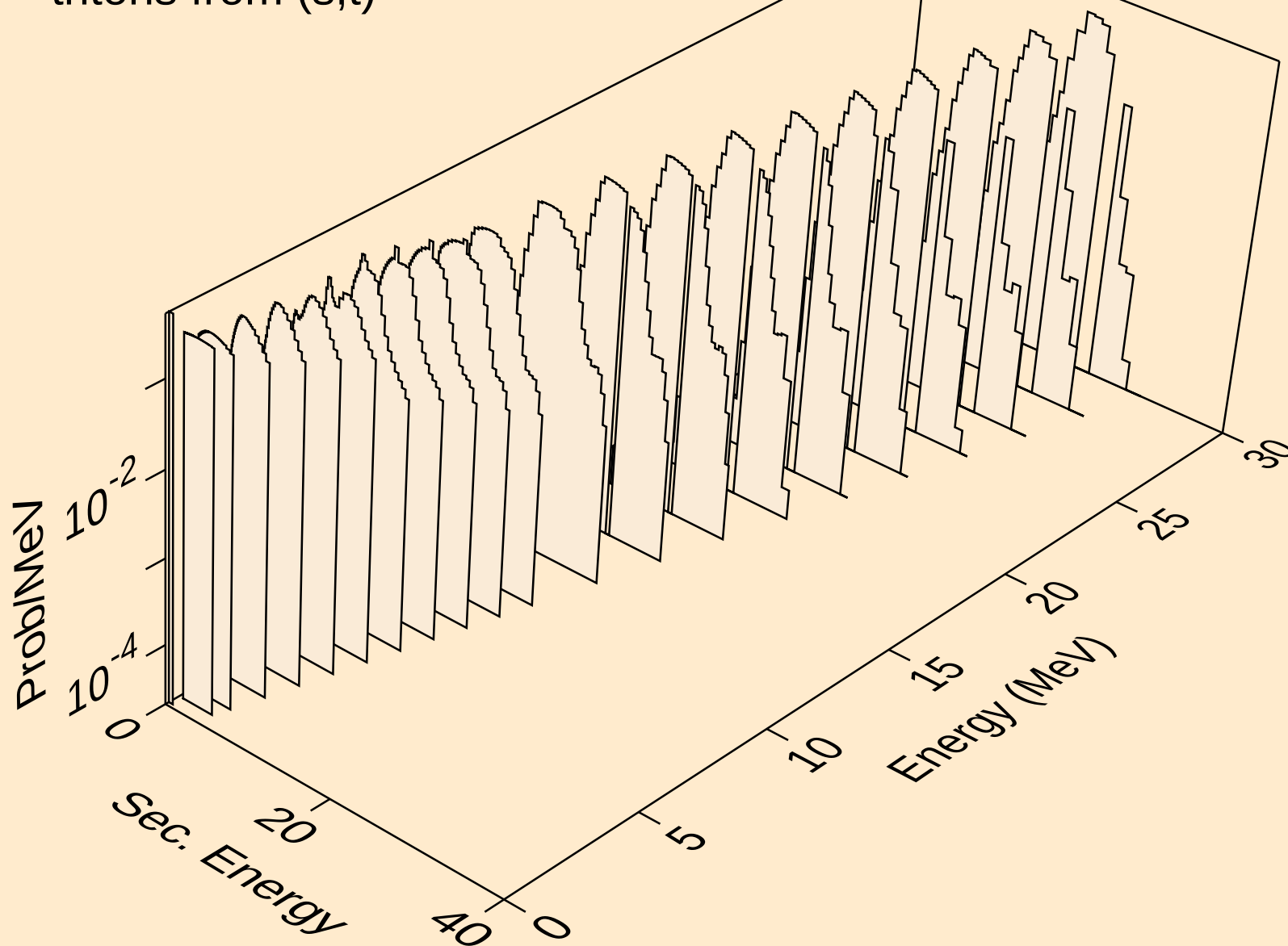
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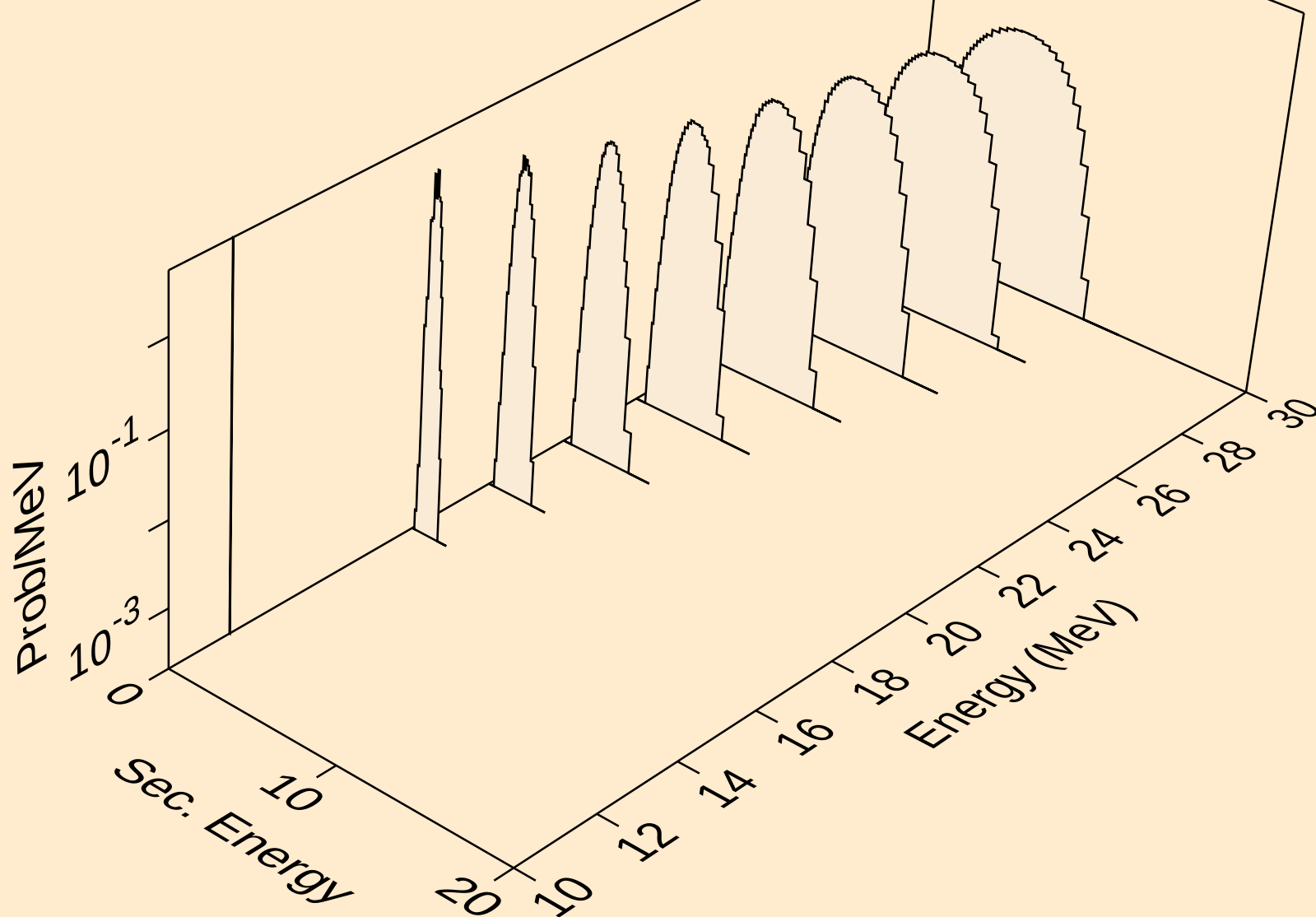
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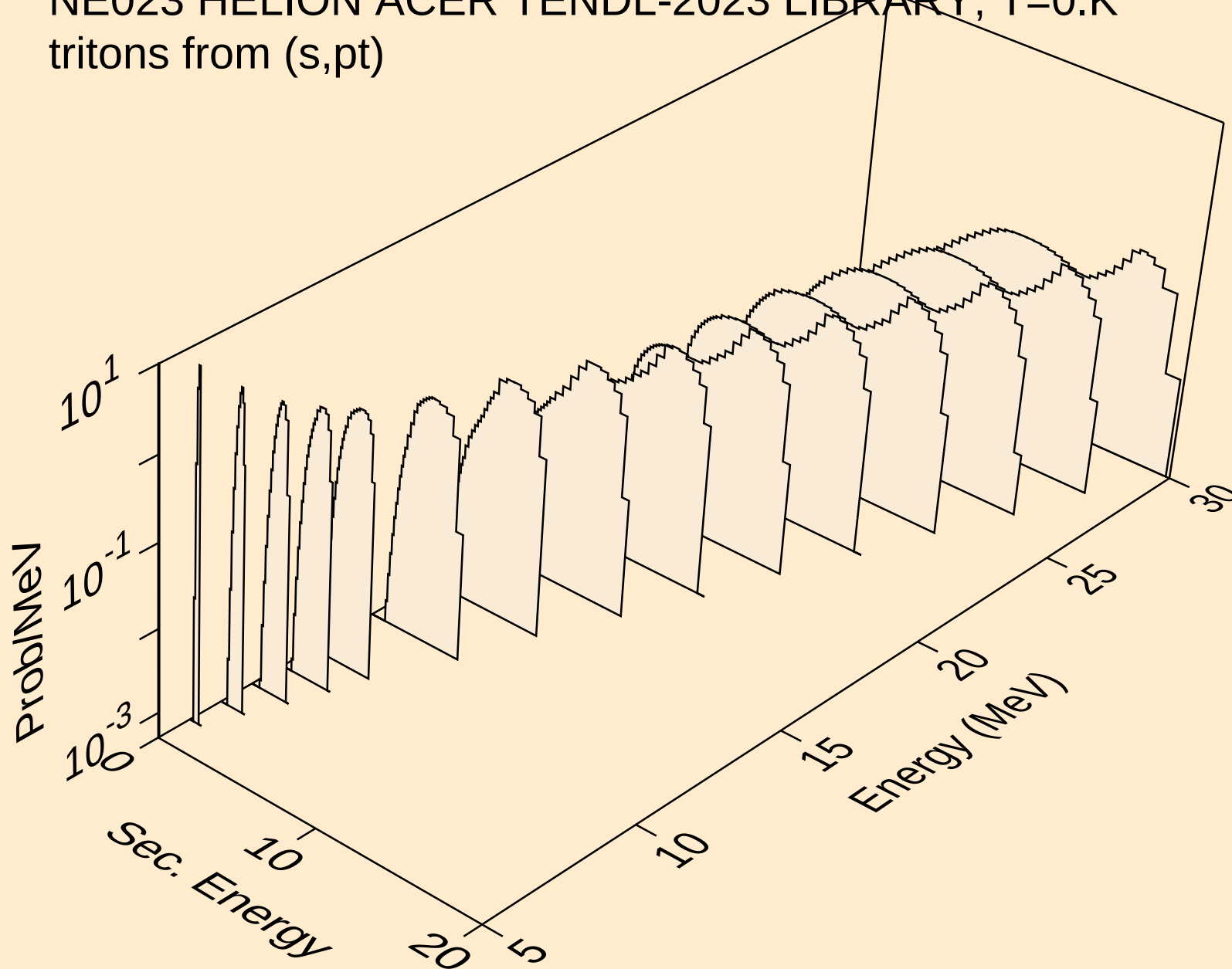
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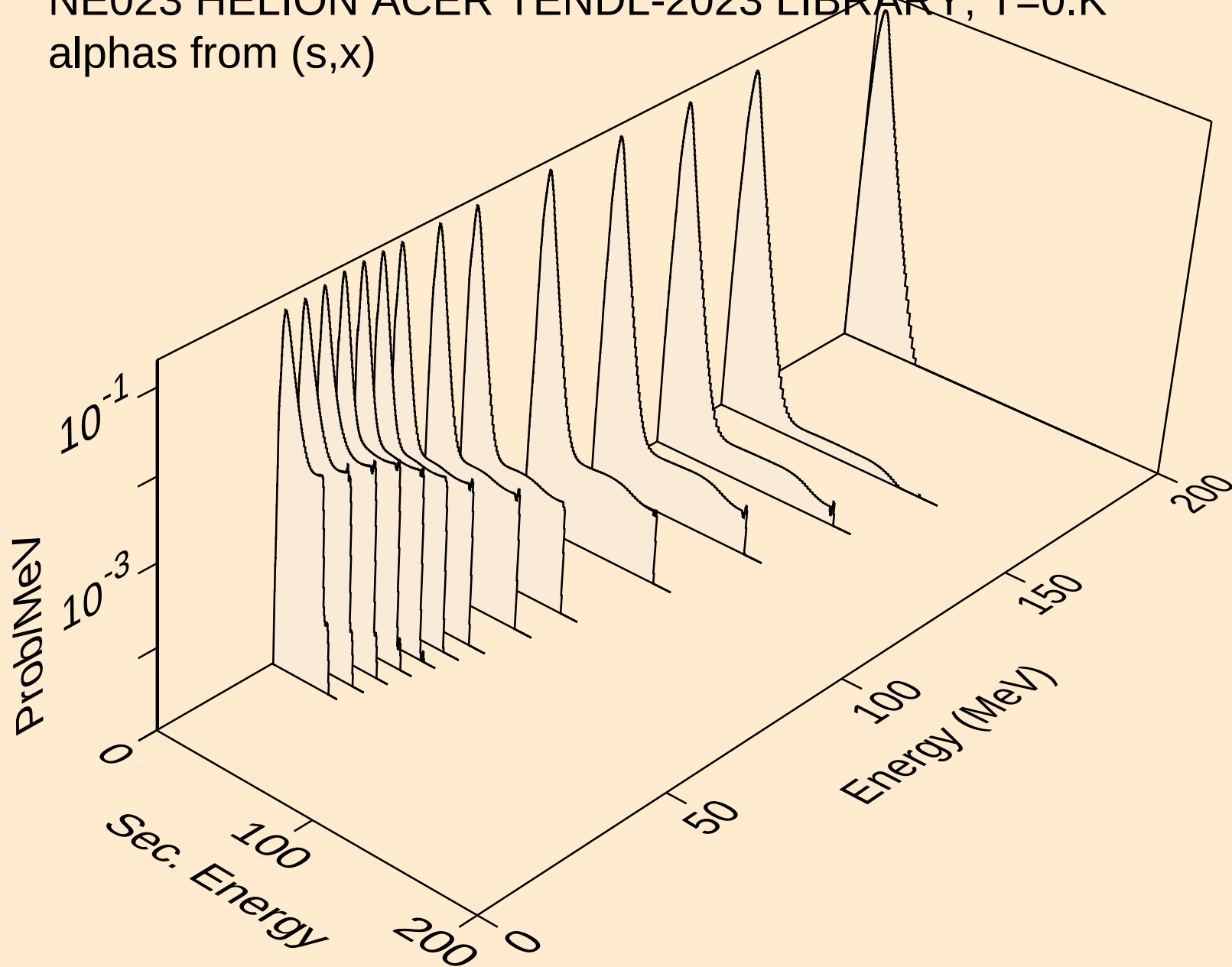
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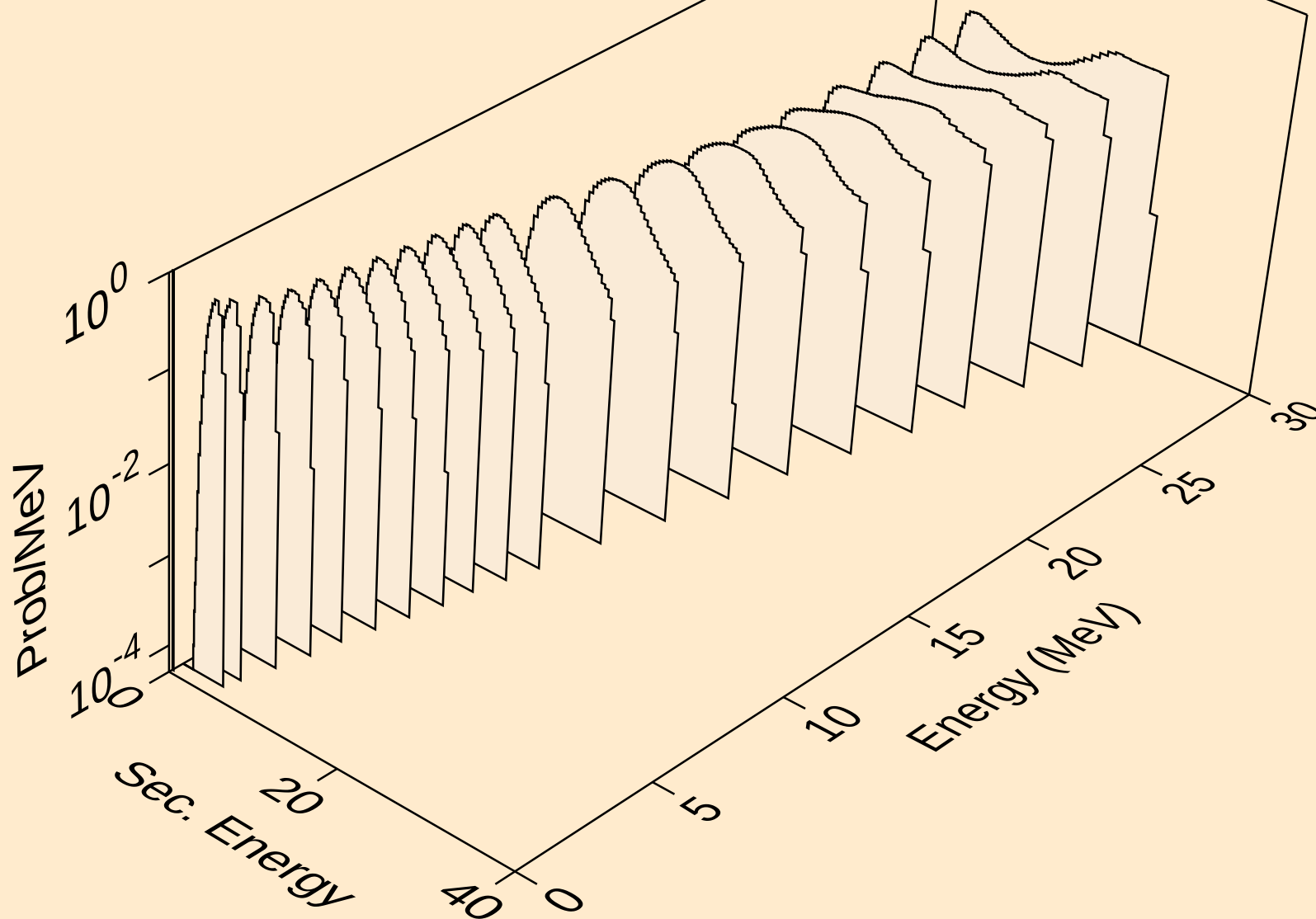
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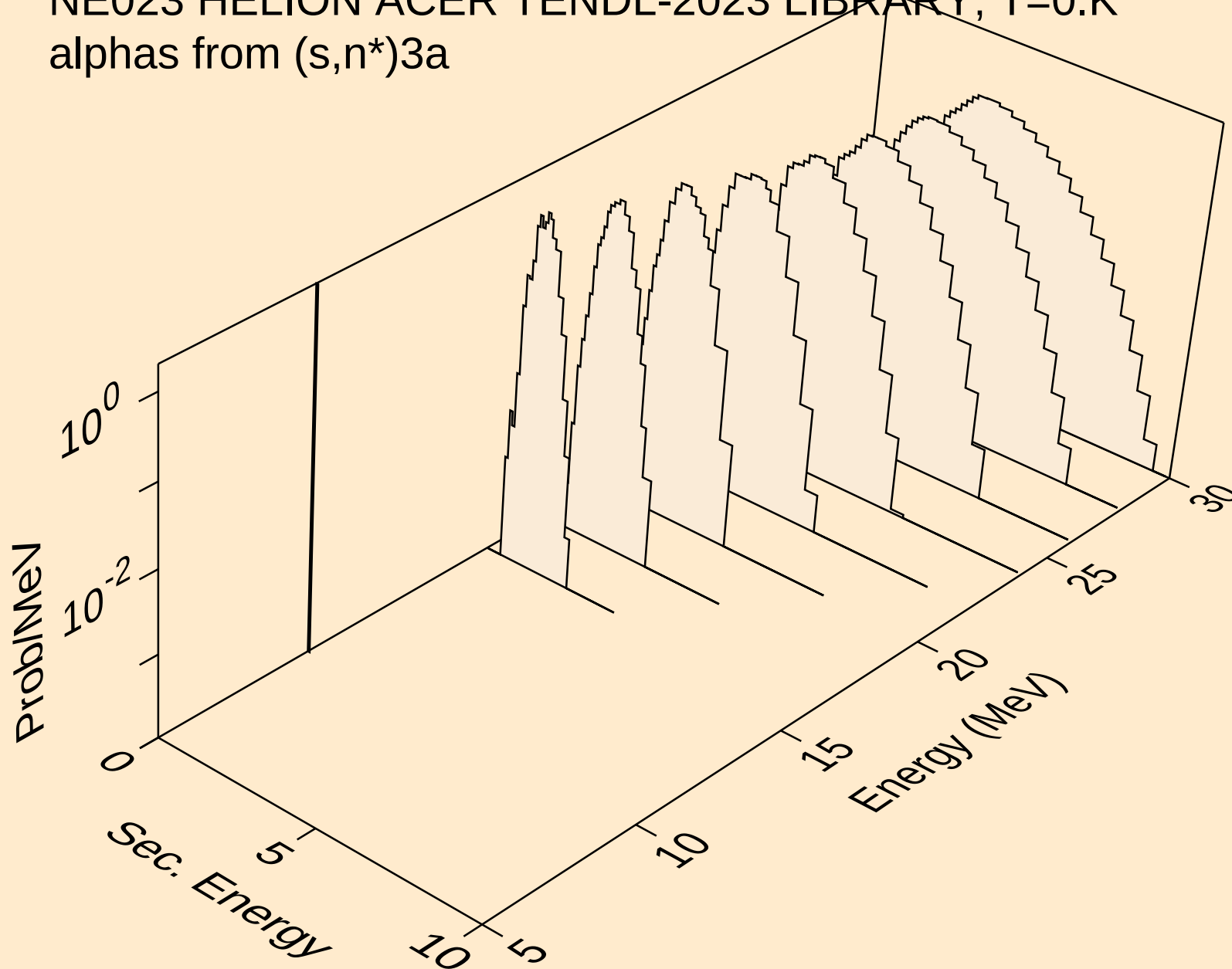
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alphas from (s,x)



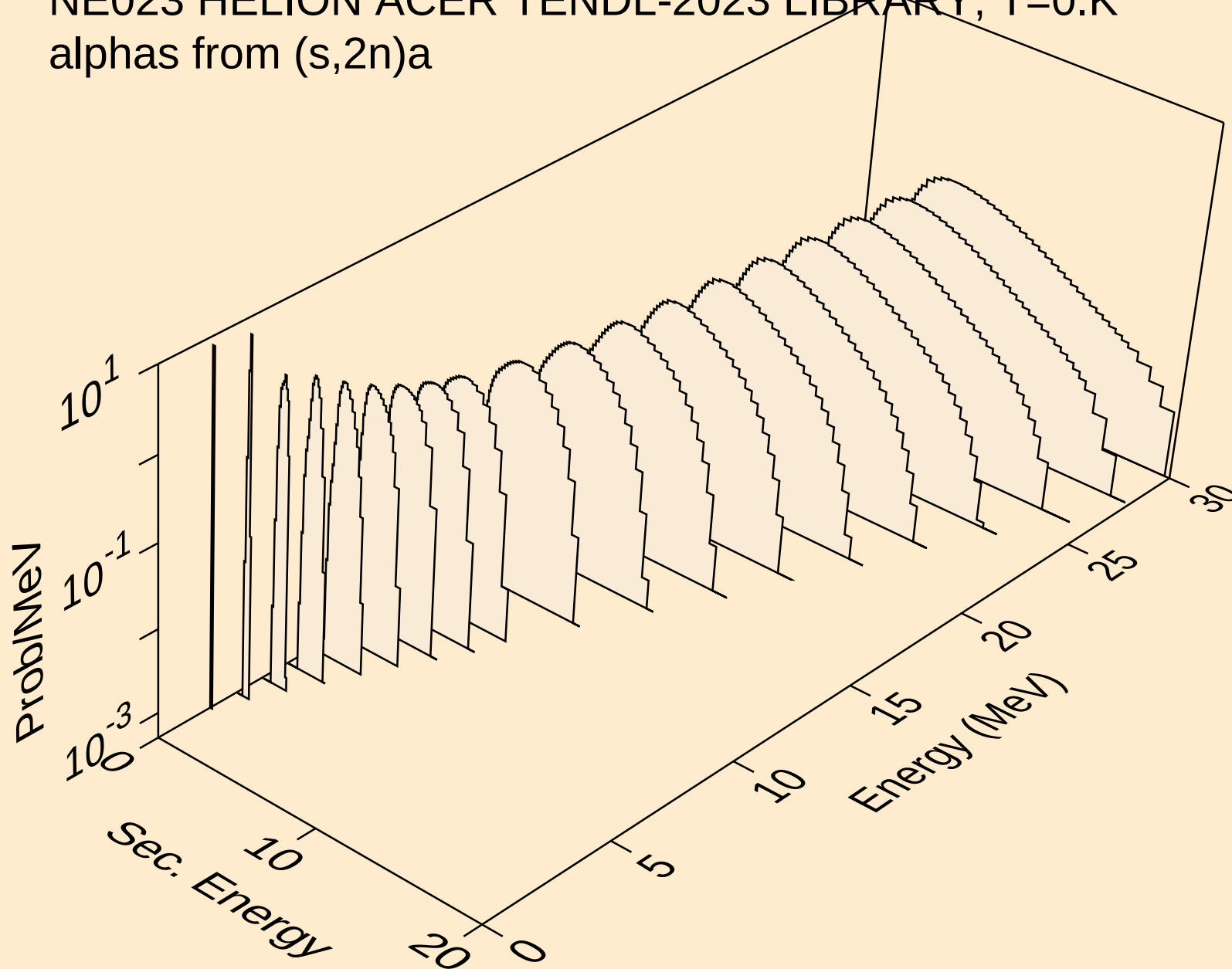
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alphas from (s,n*)a



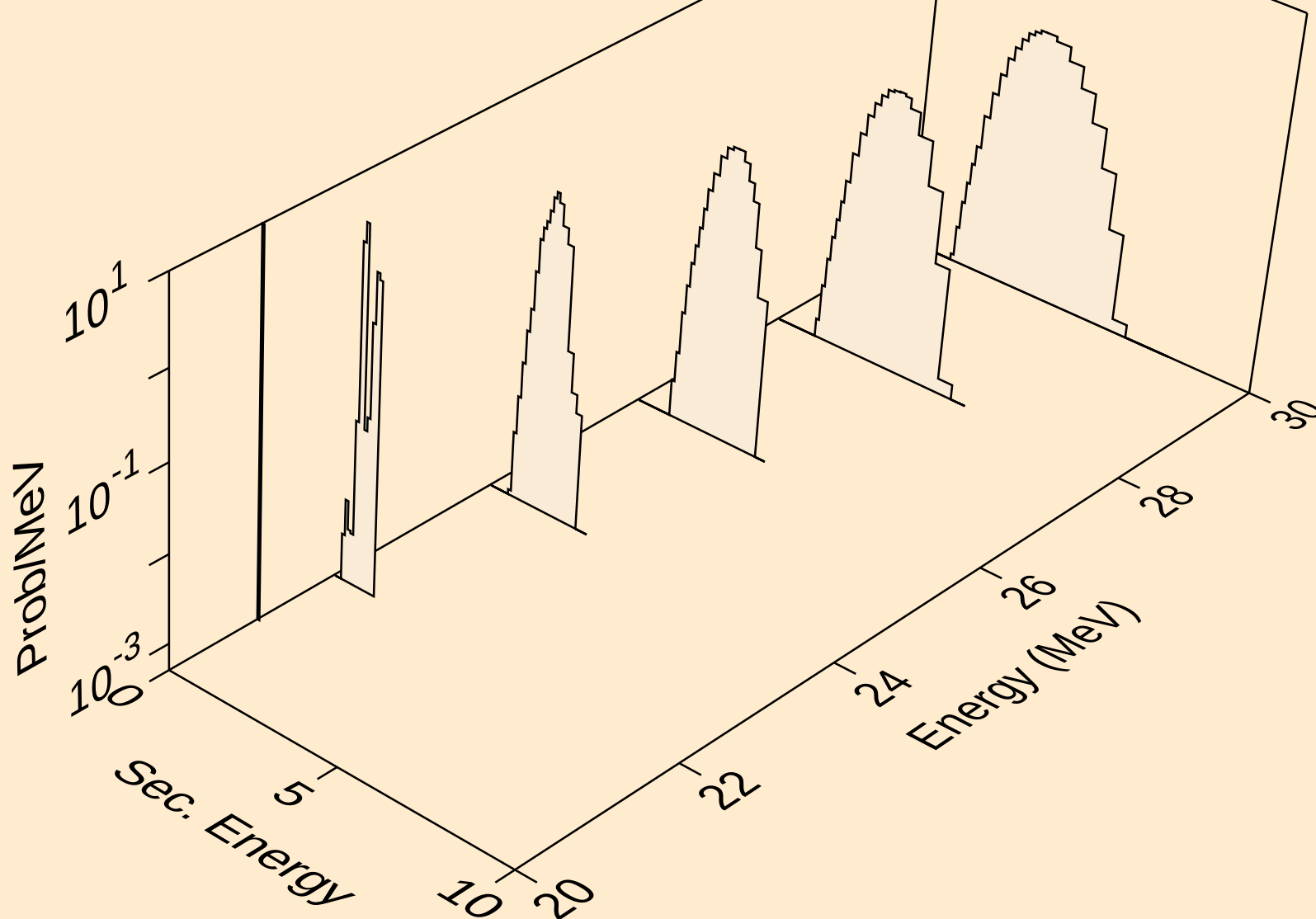
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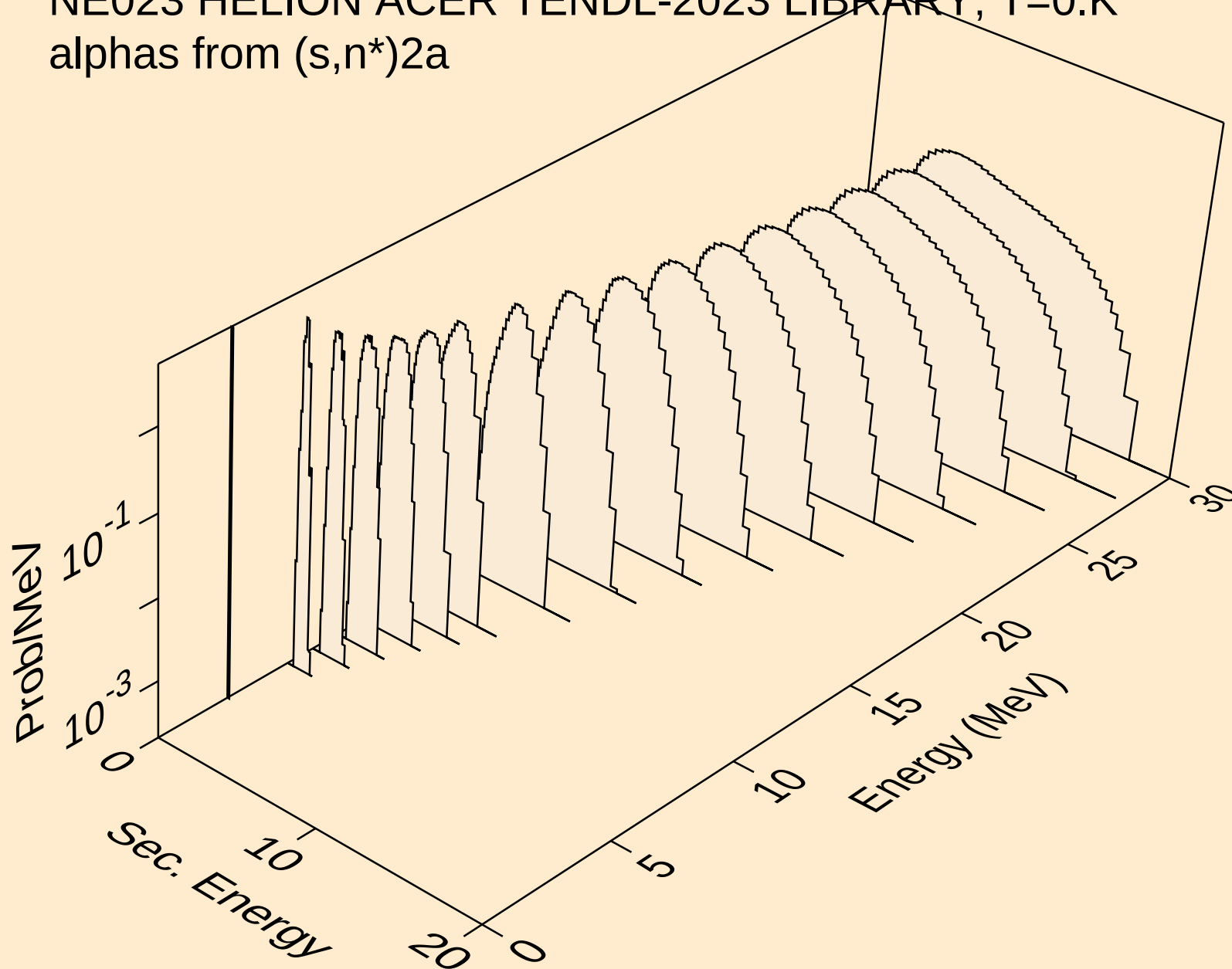
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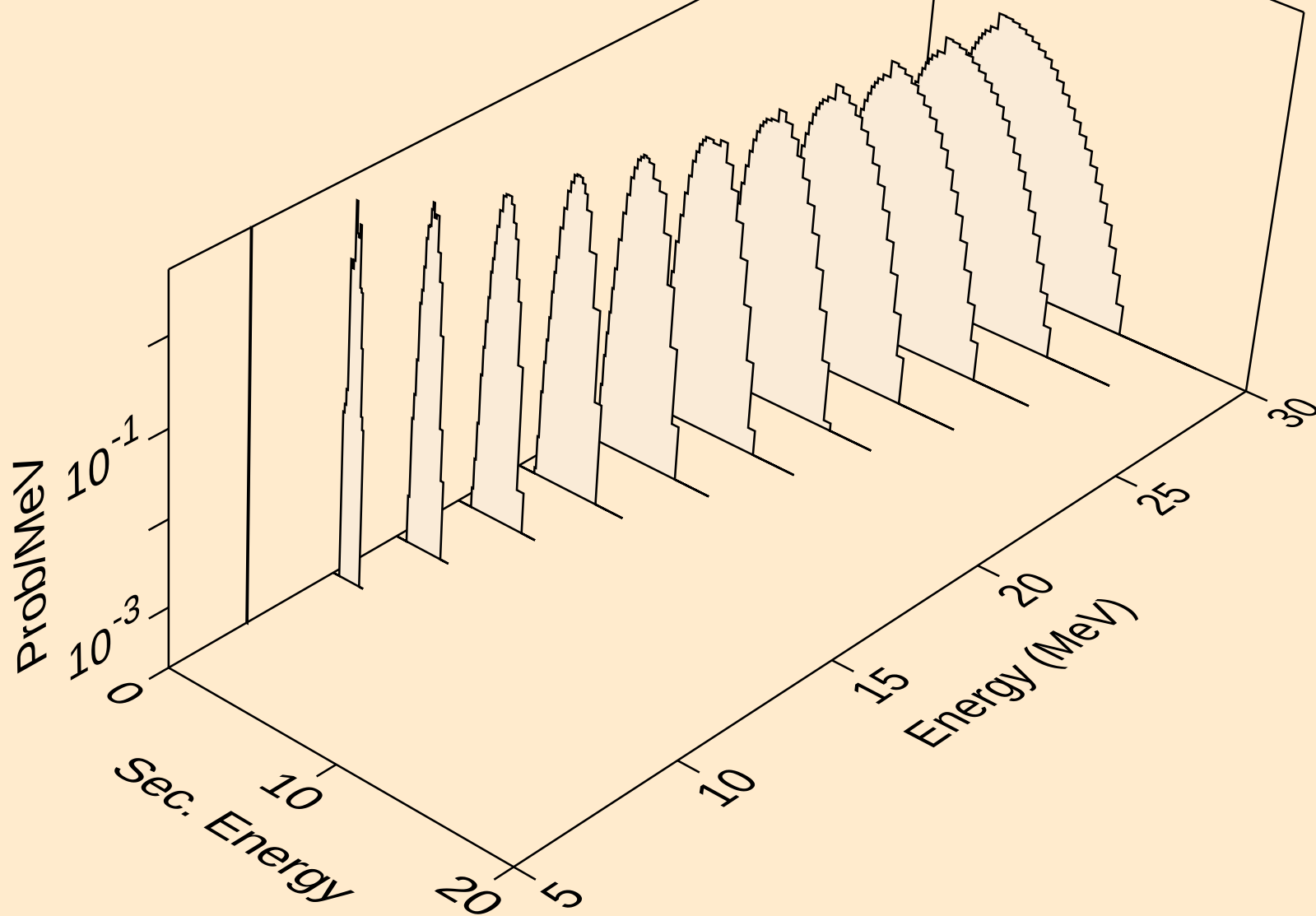
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alphas from (s,3n)a



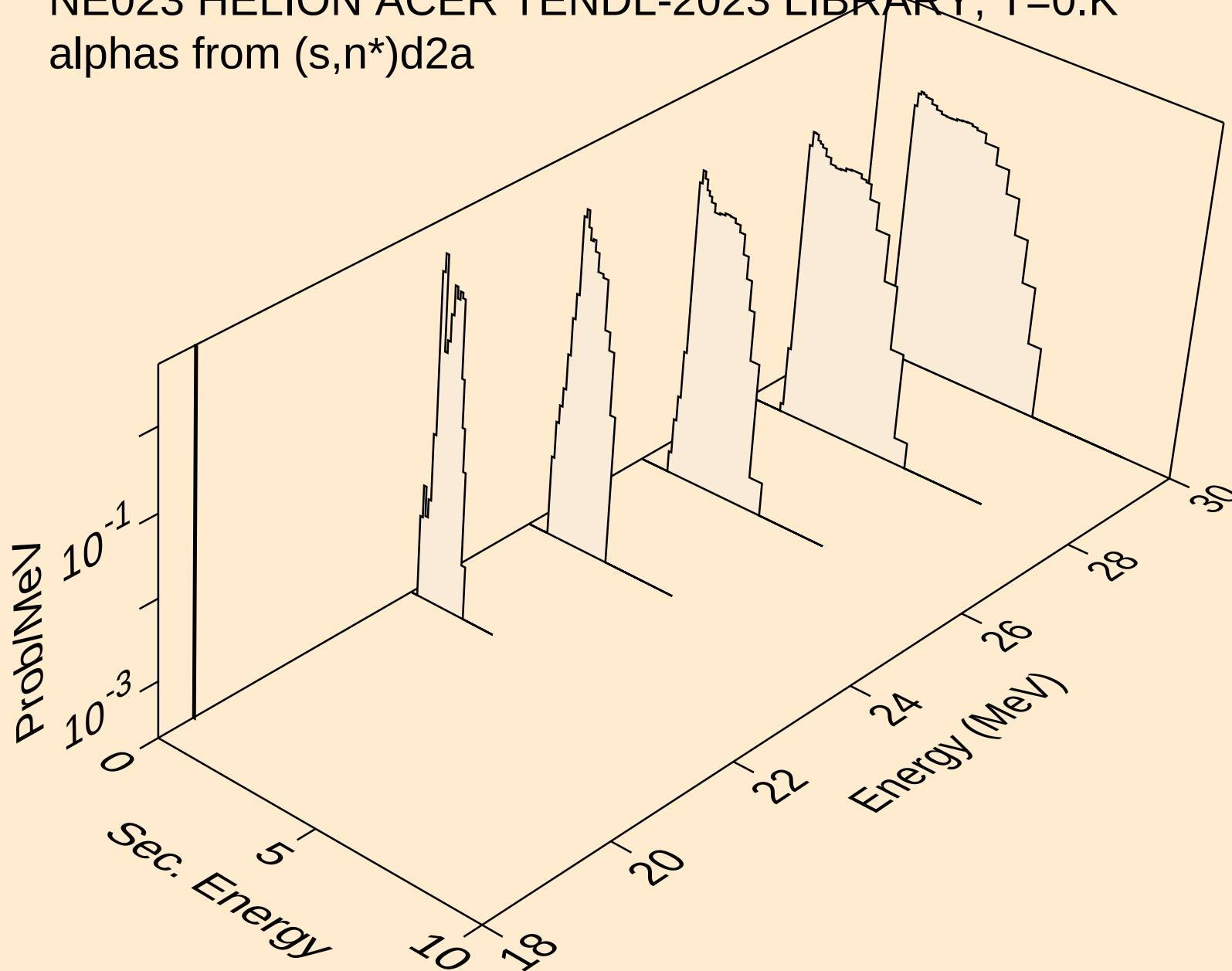
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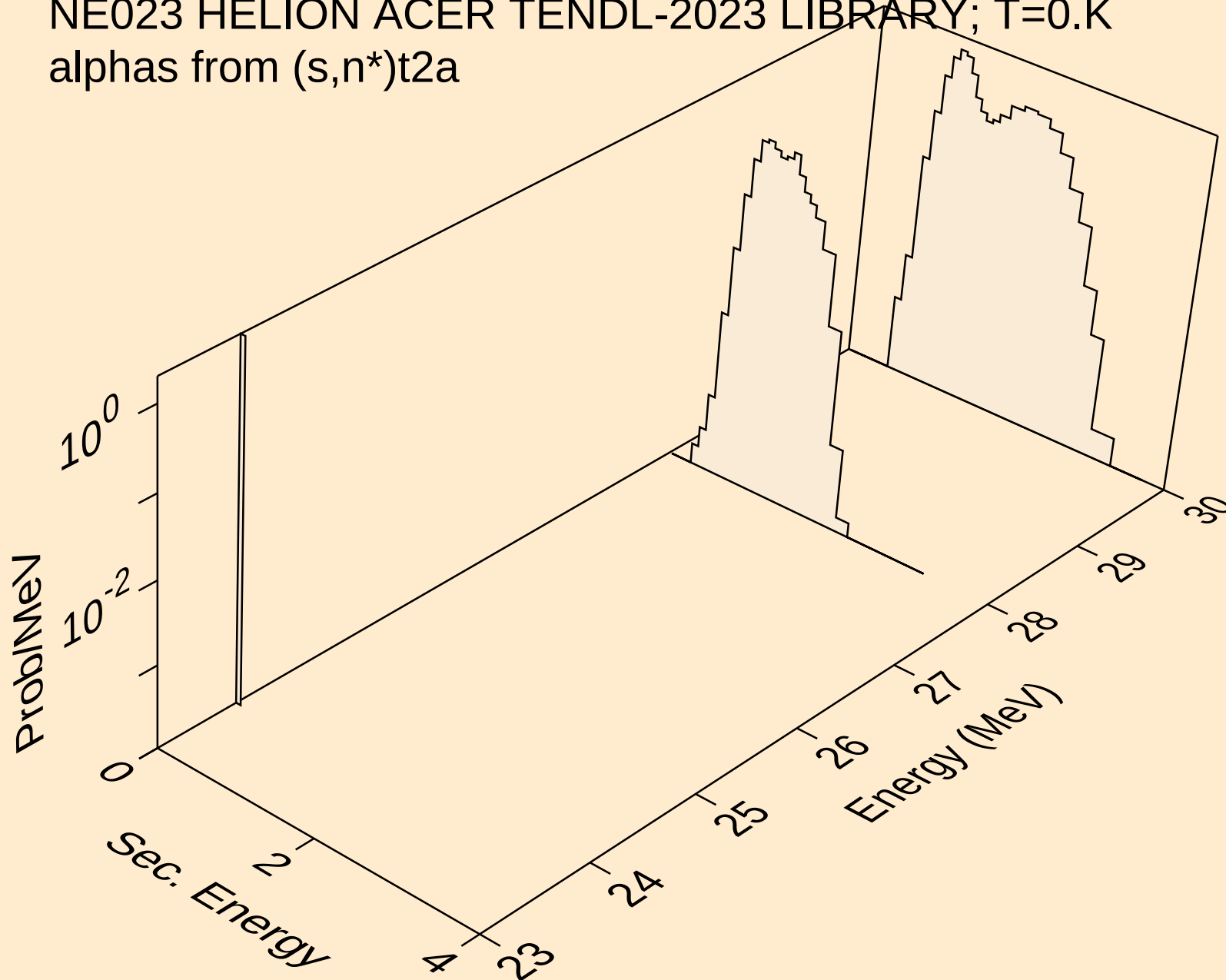
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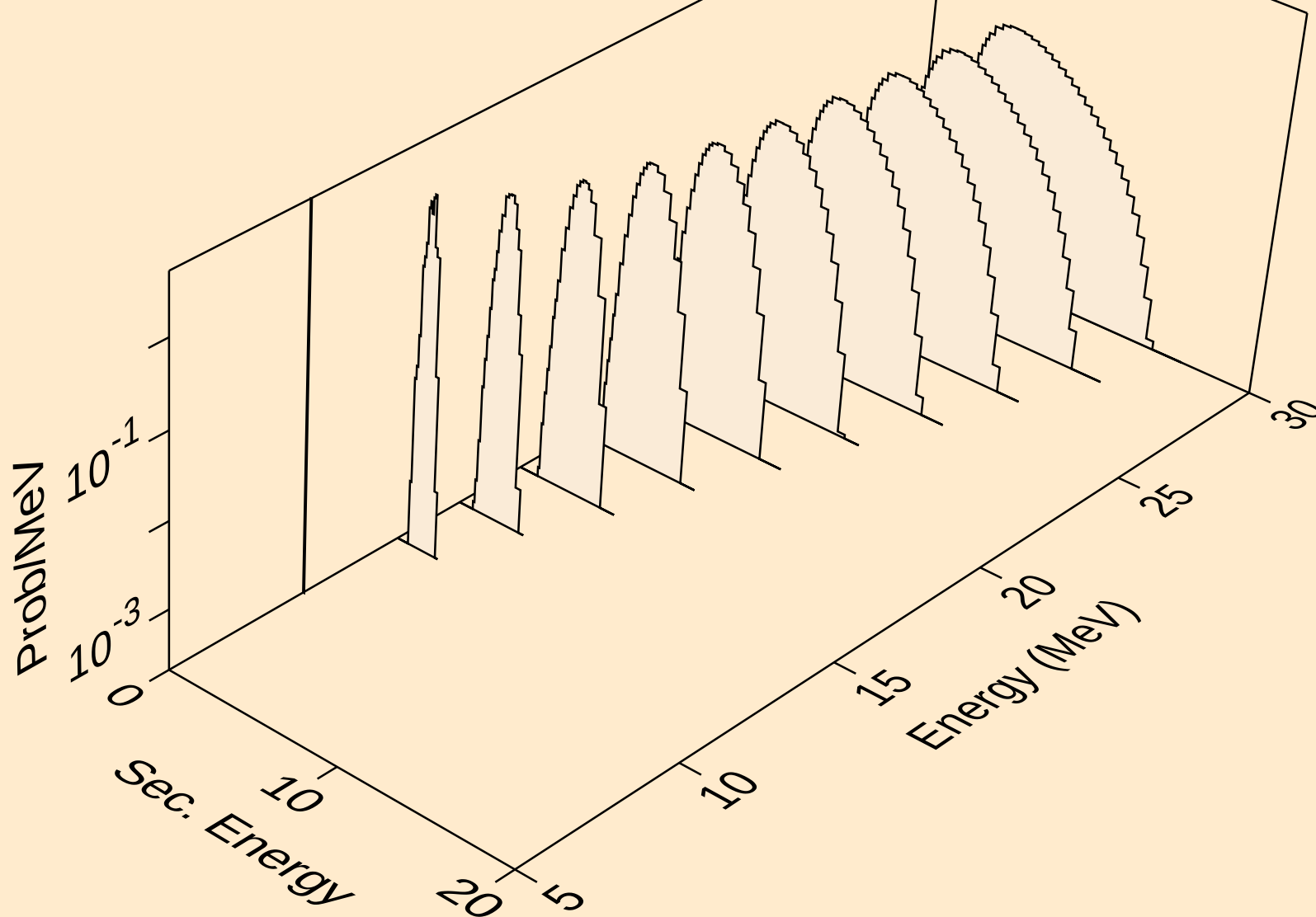
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alphas from (s,n*)d2a



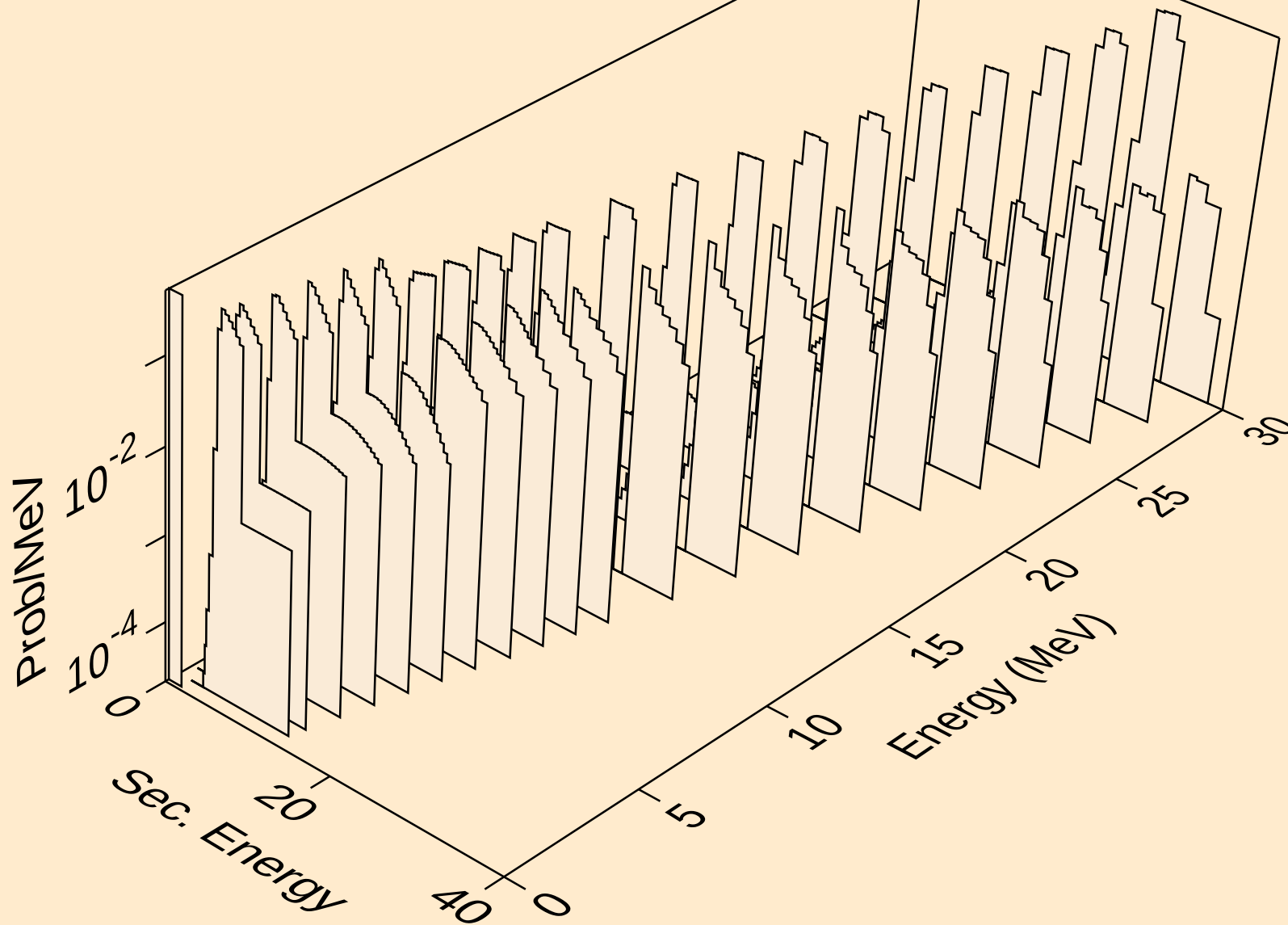
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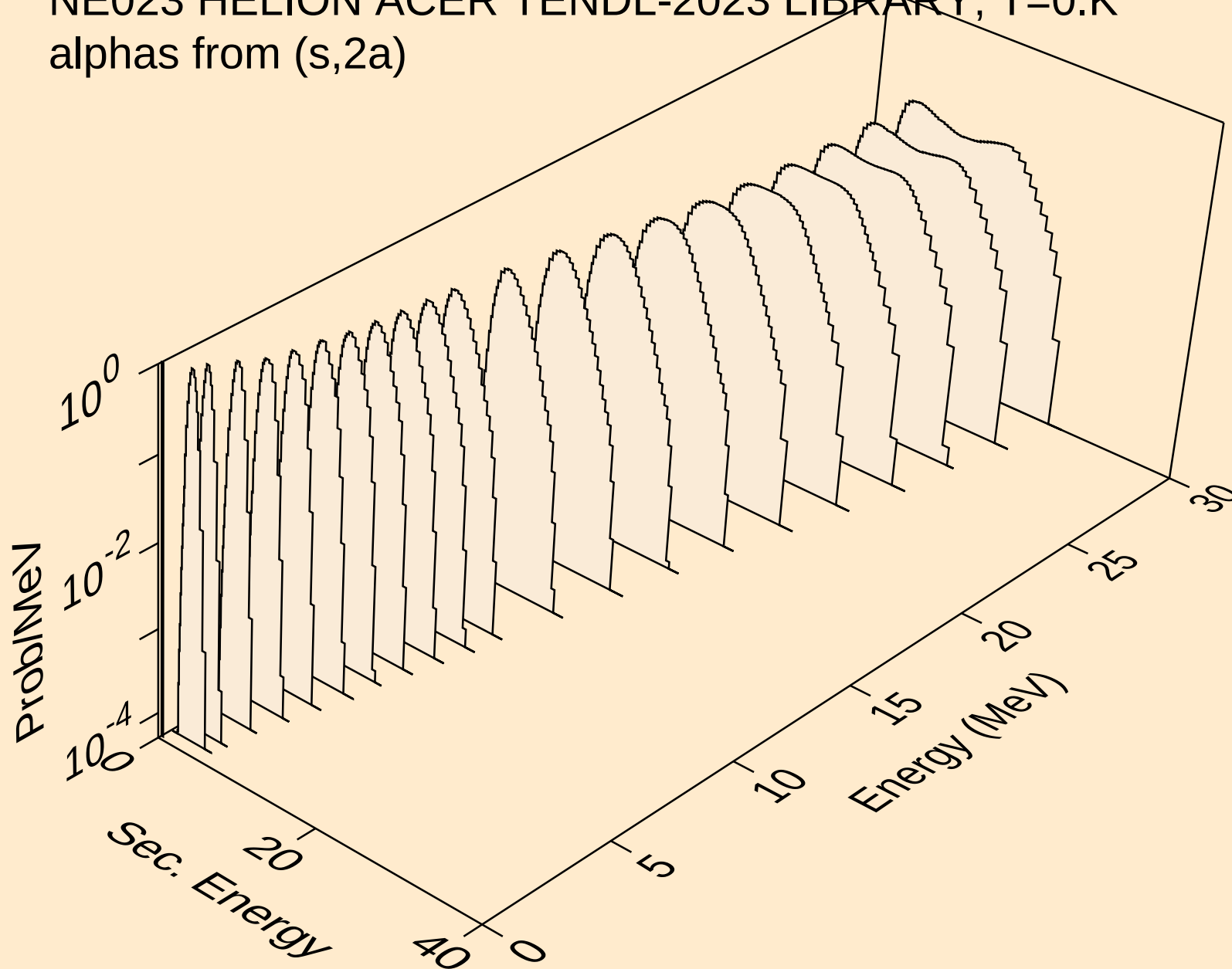
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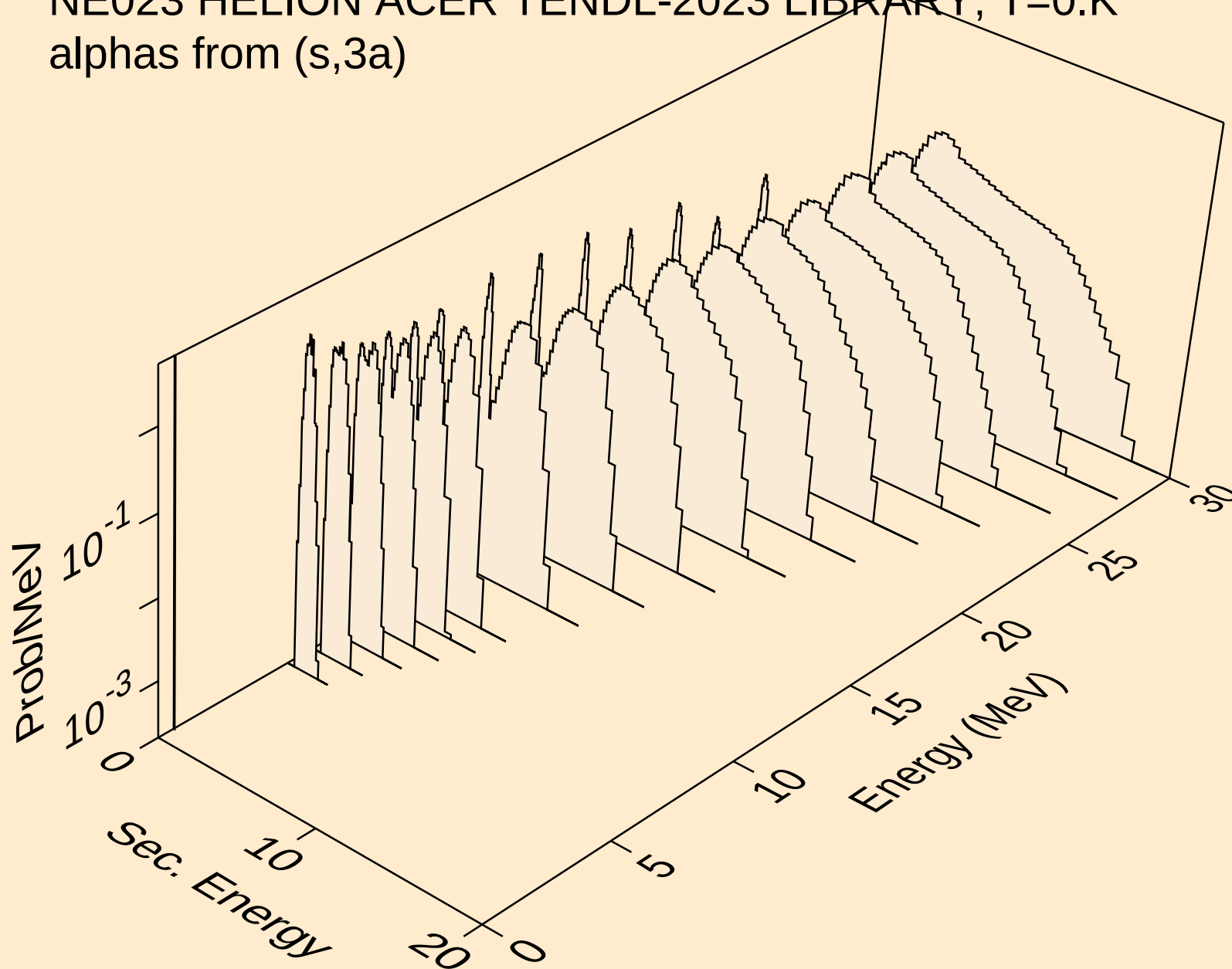
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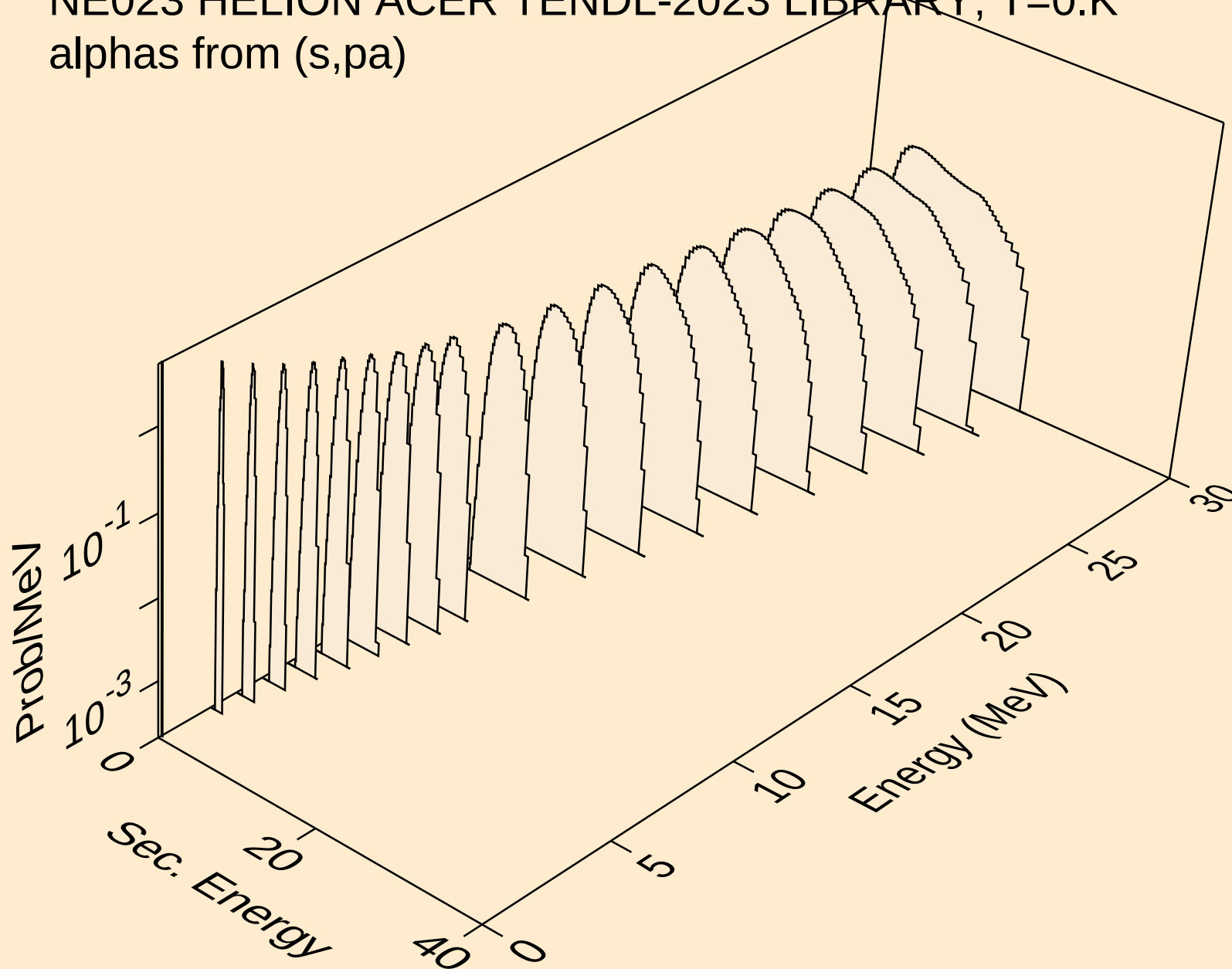
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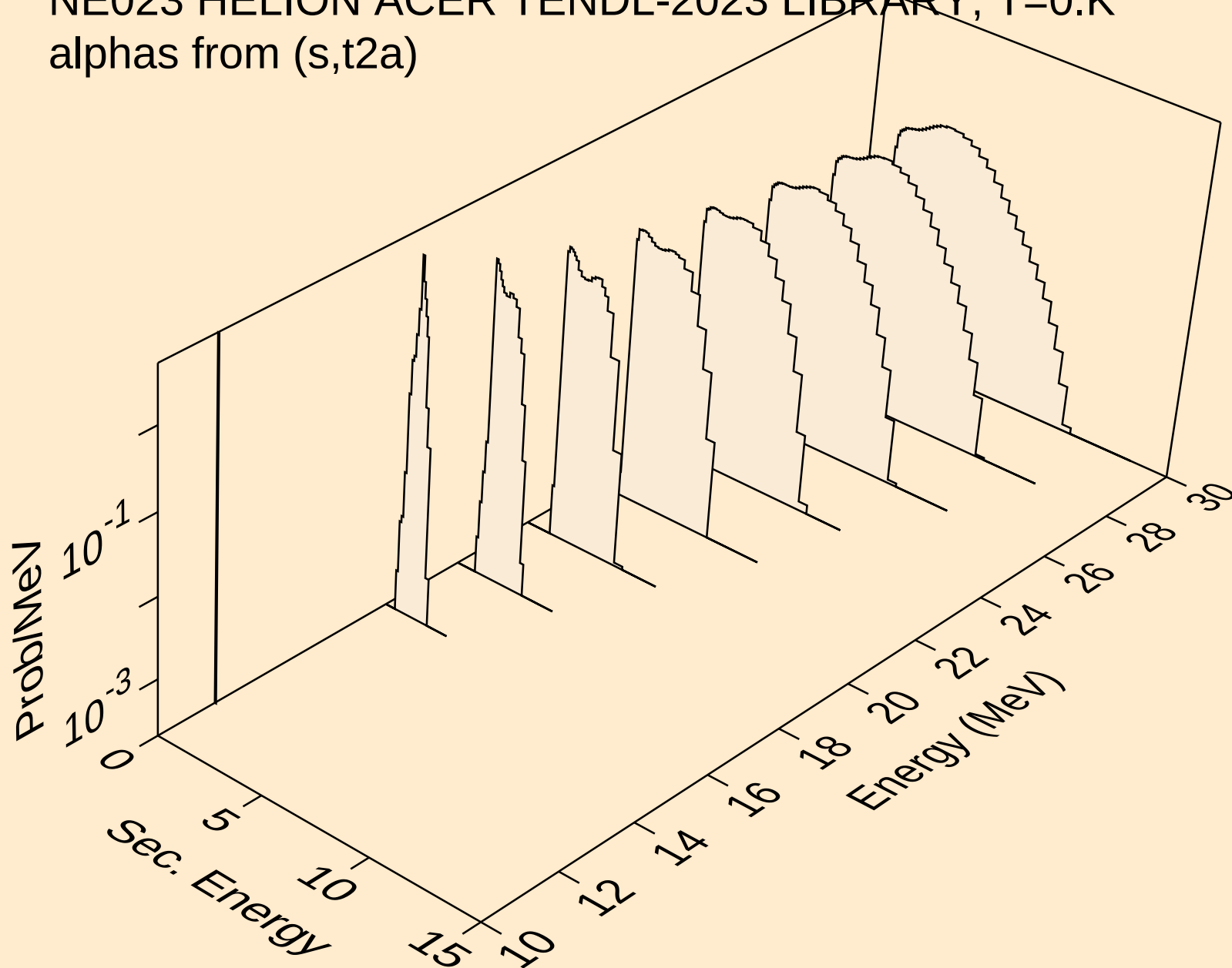
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alphas from (s,3a)



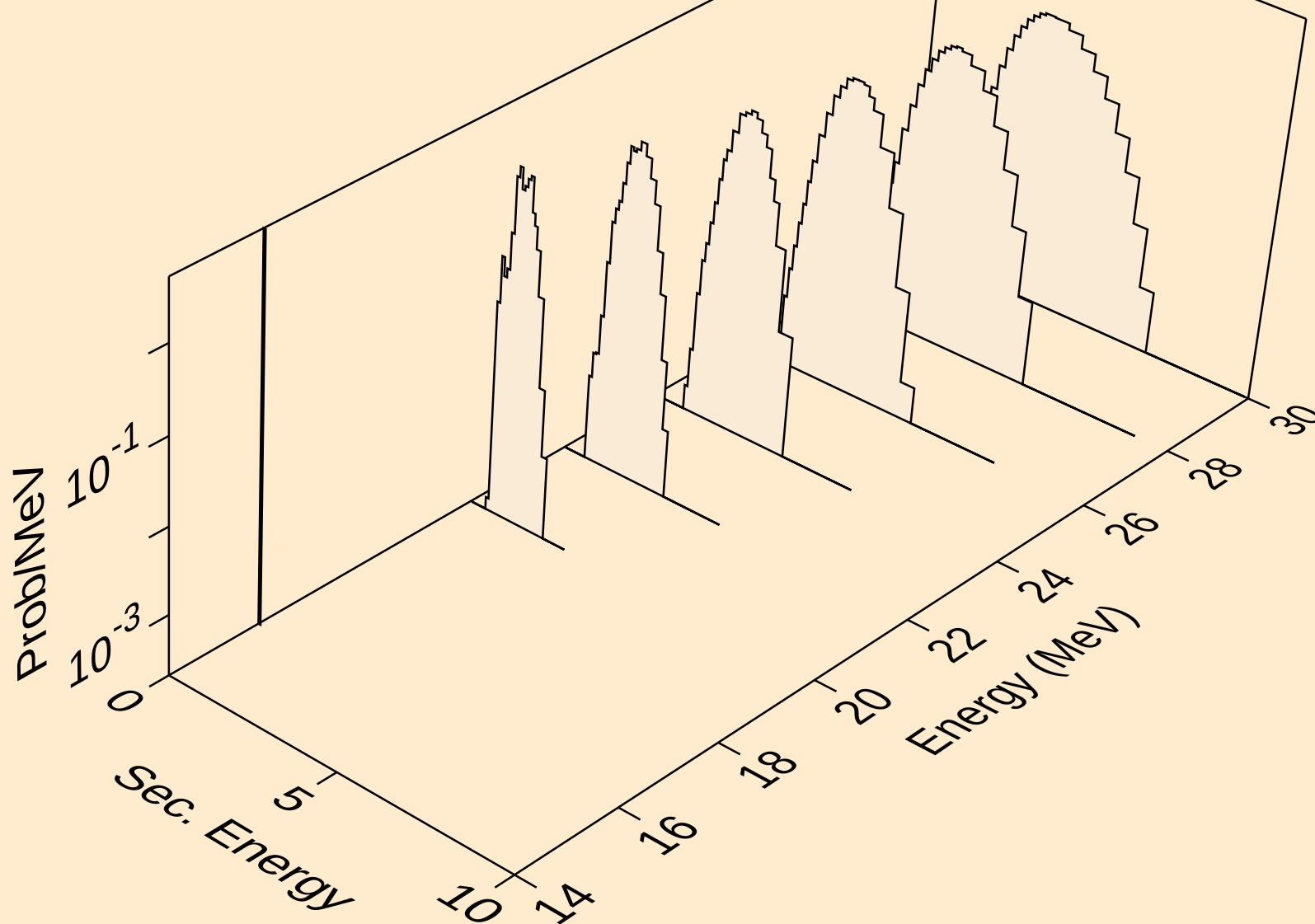
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alphas from (s,pa)



NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,t2a)



NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,d2a)



NE023 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,da)

