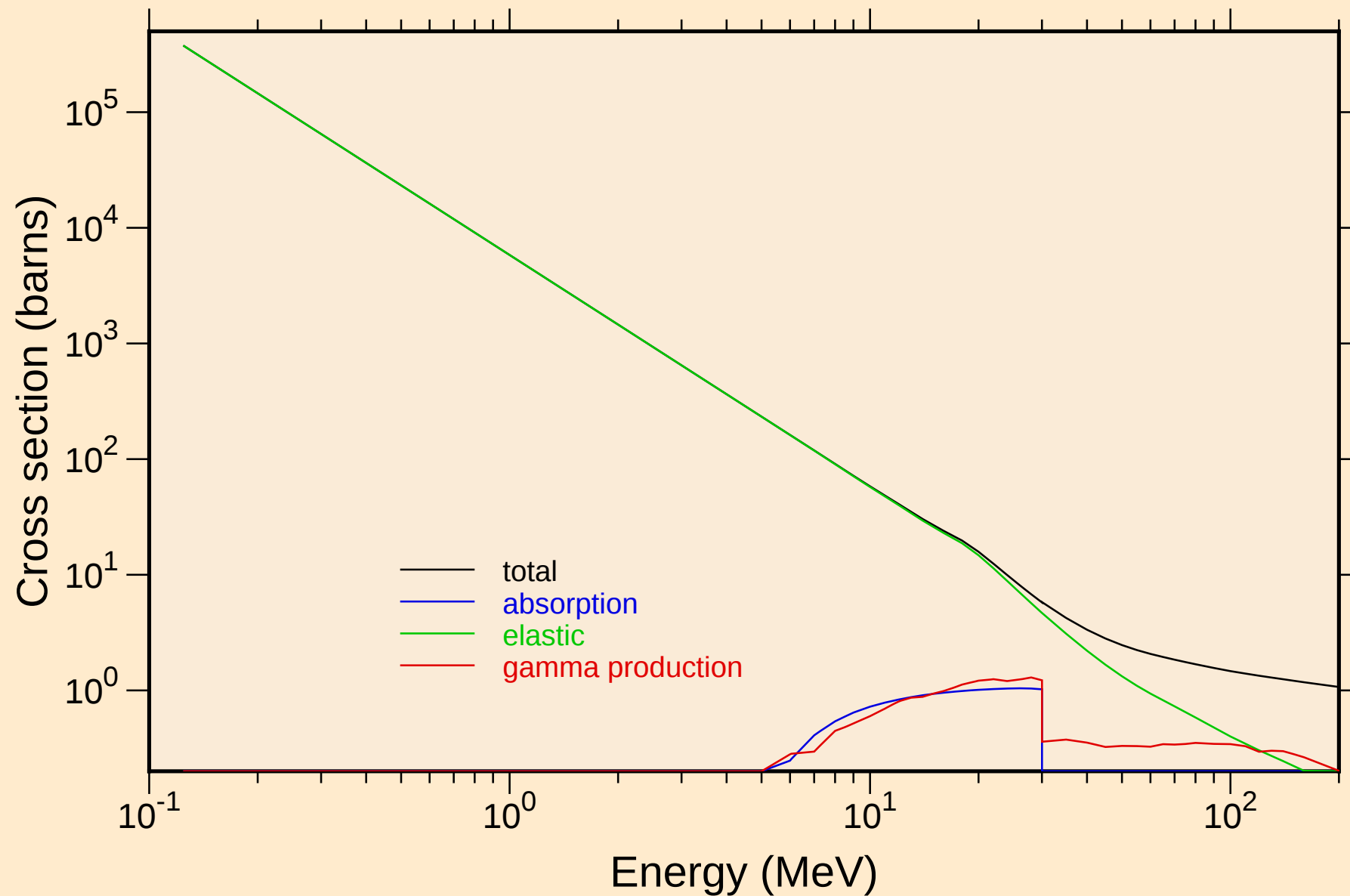


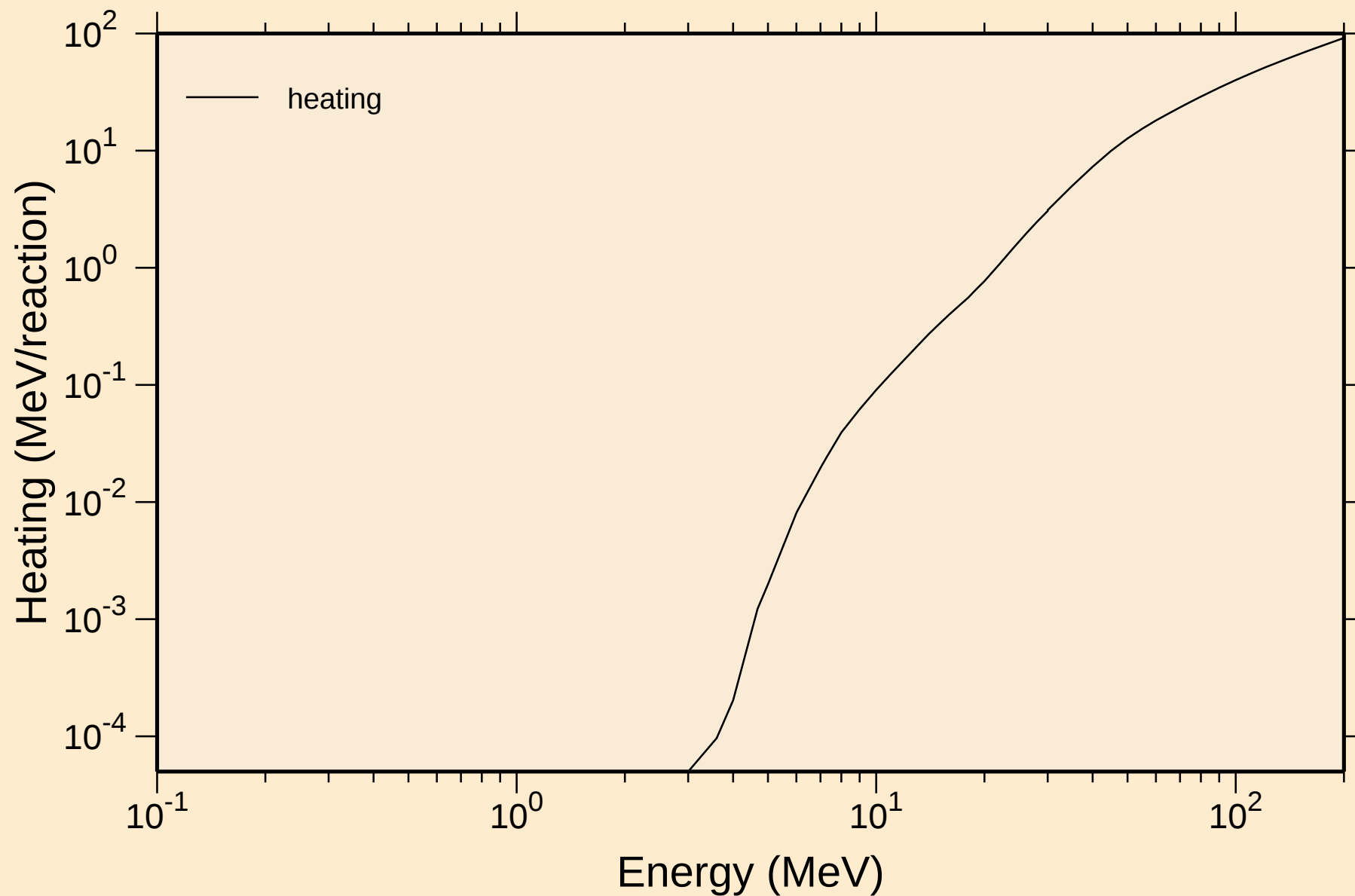
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



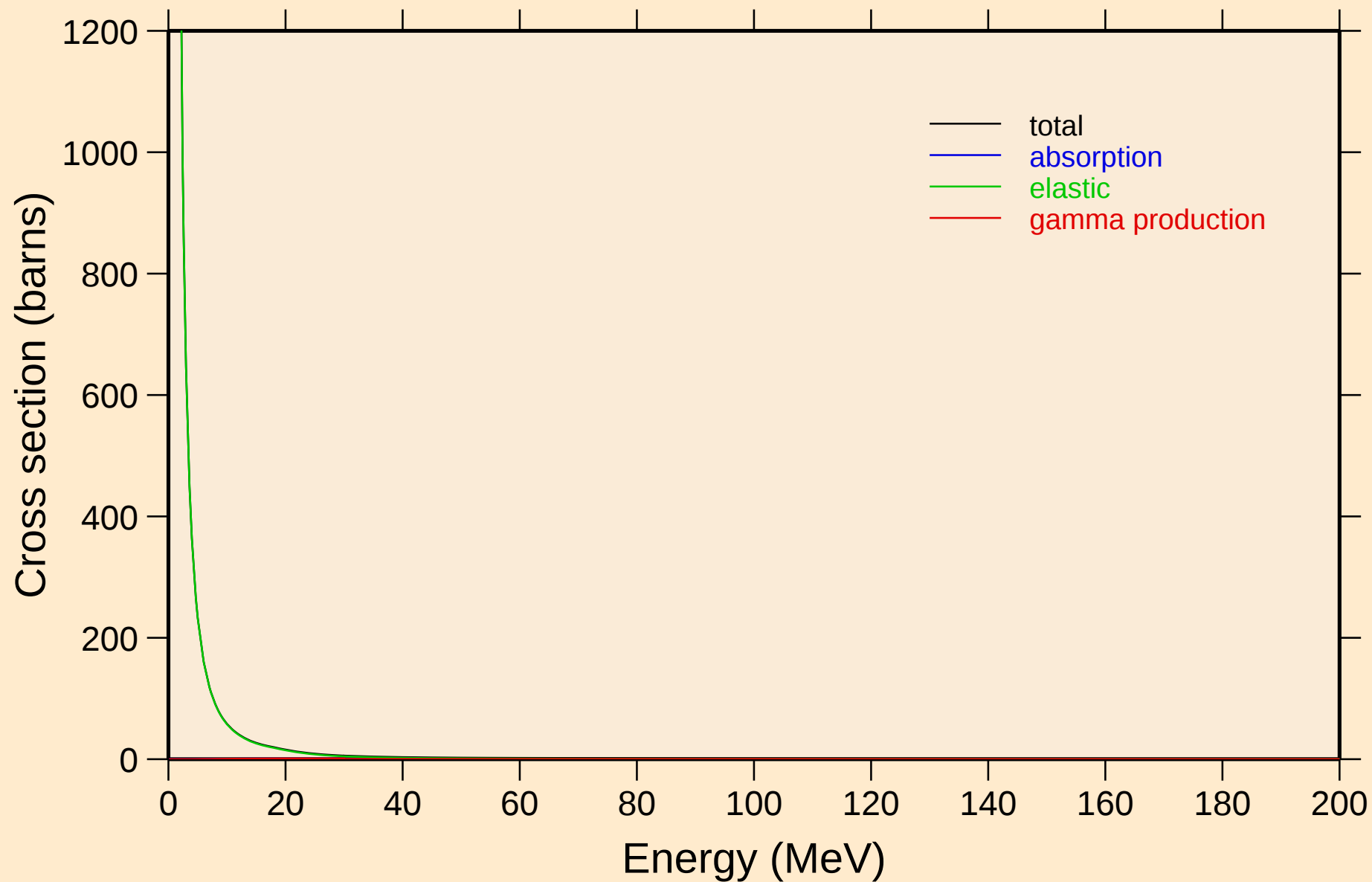
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Heating



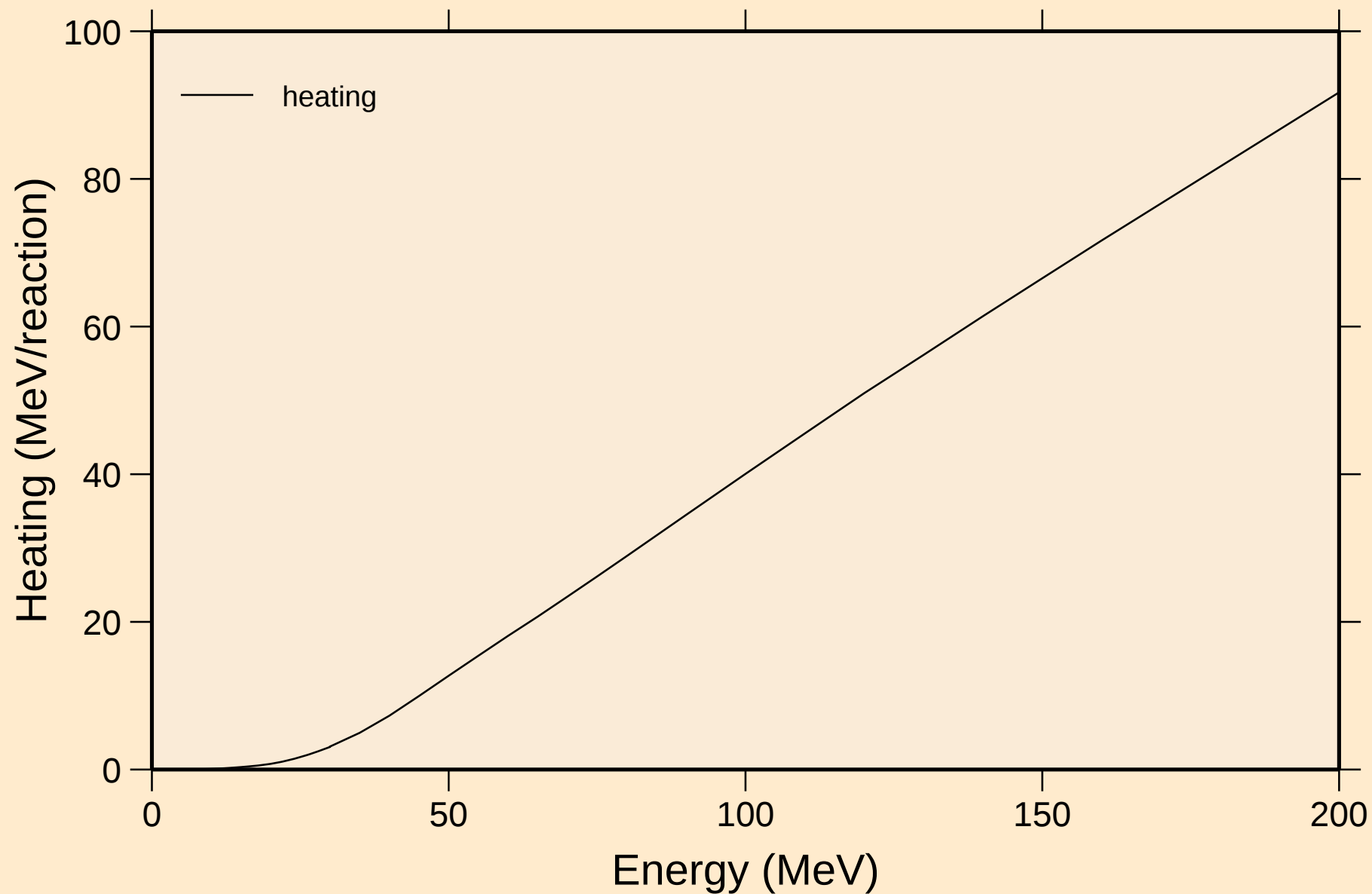
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Principal cross sections



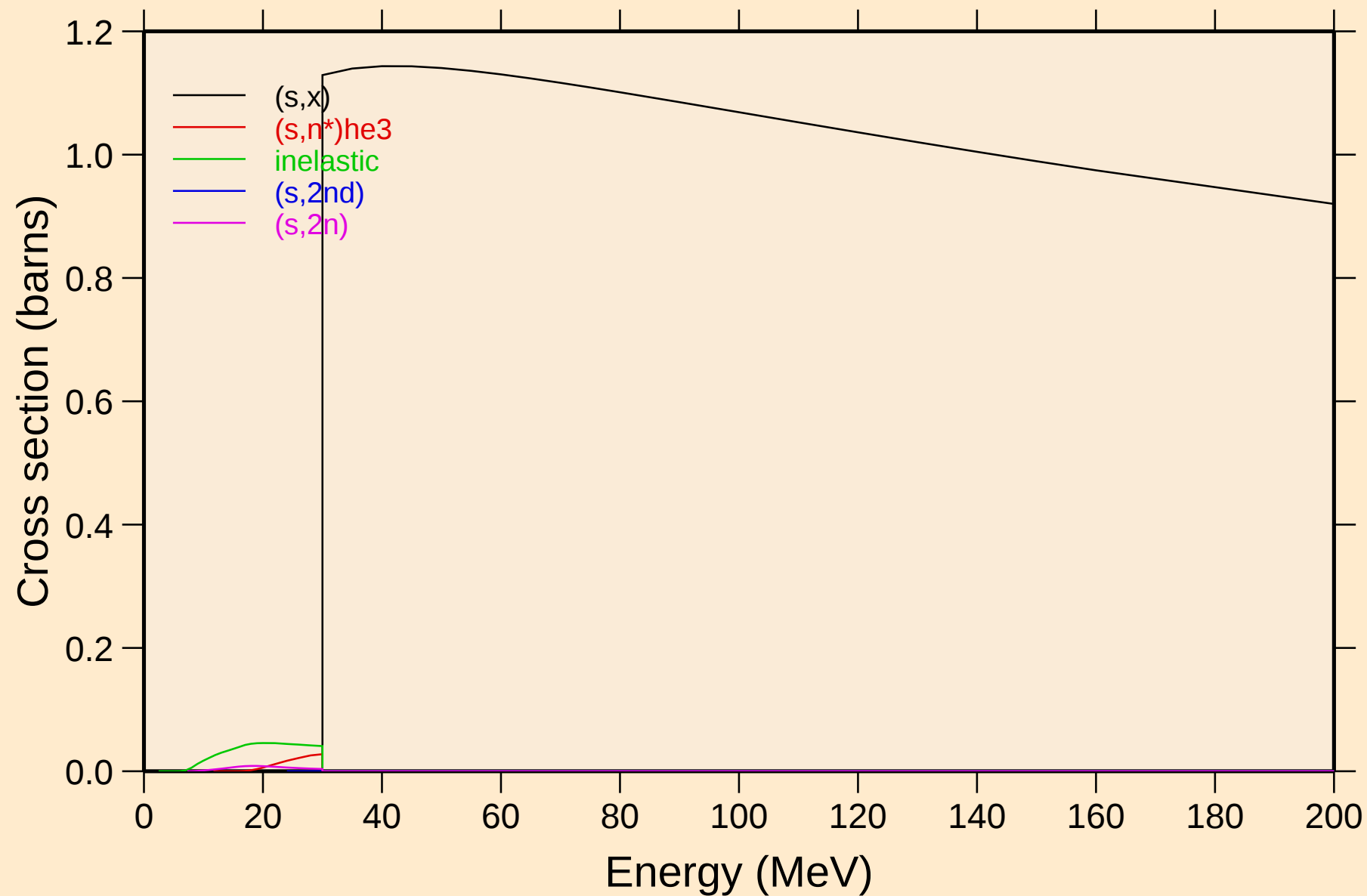
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Heating

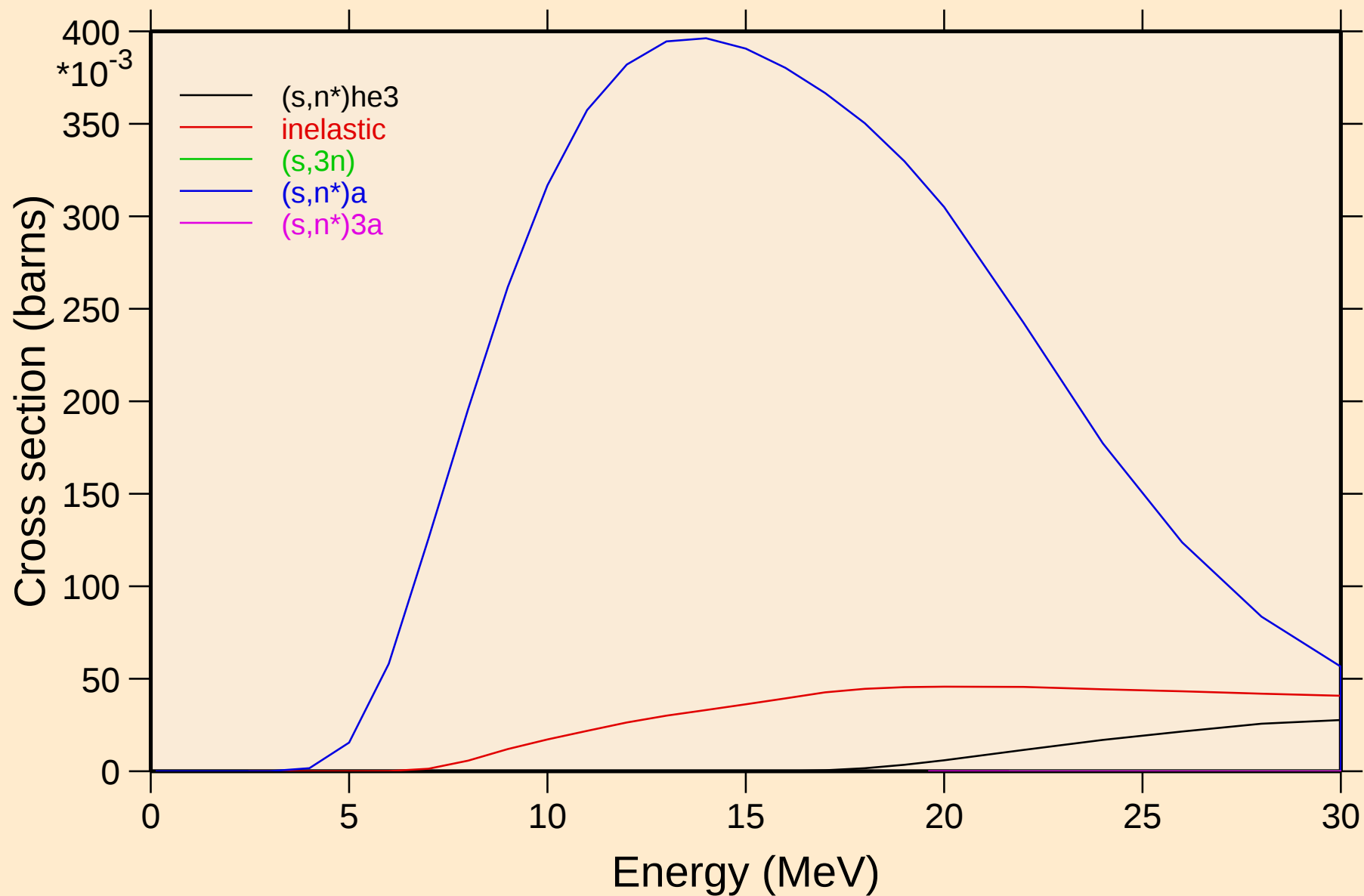


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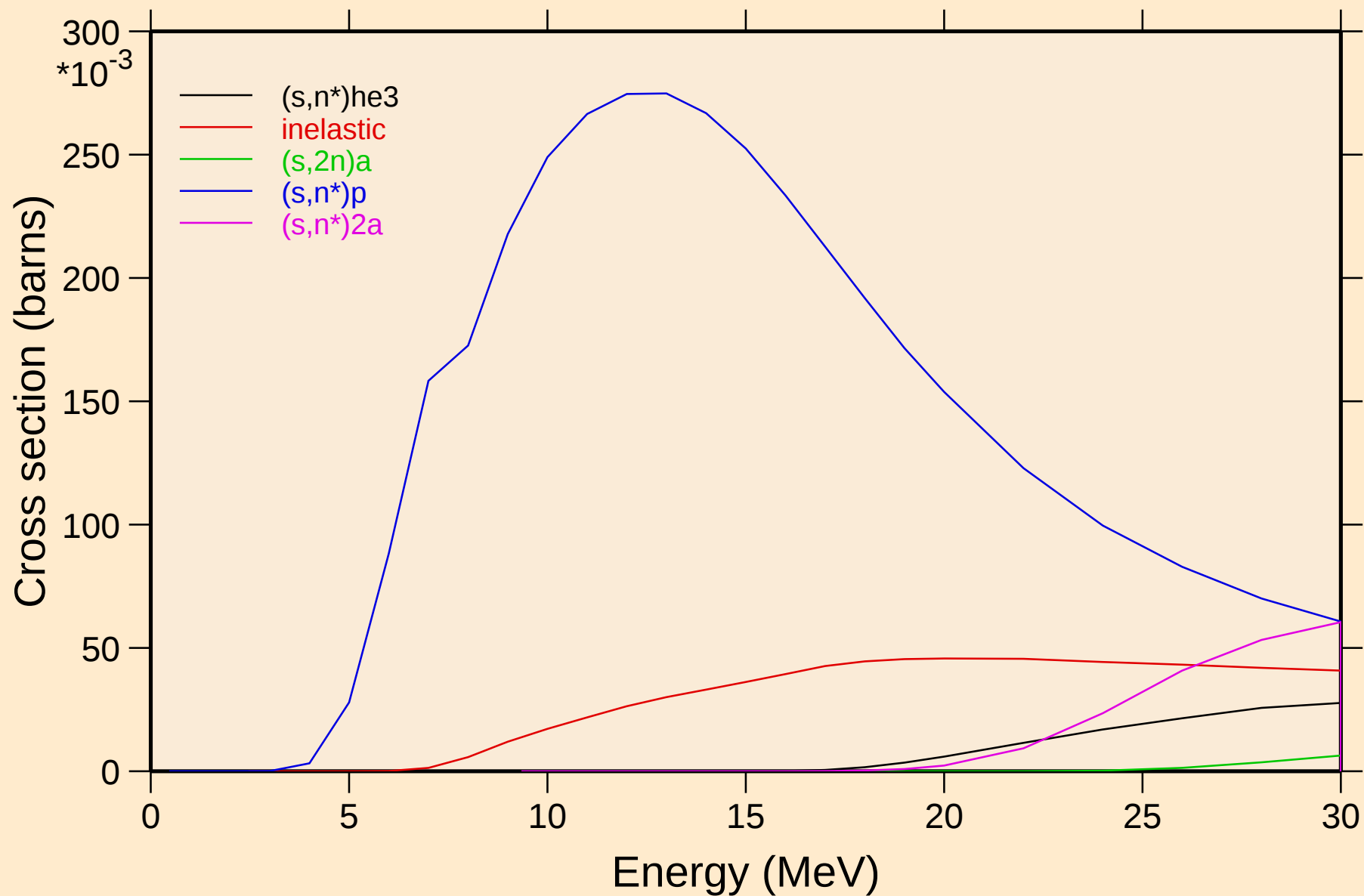
Threshold reactions



SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions

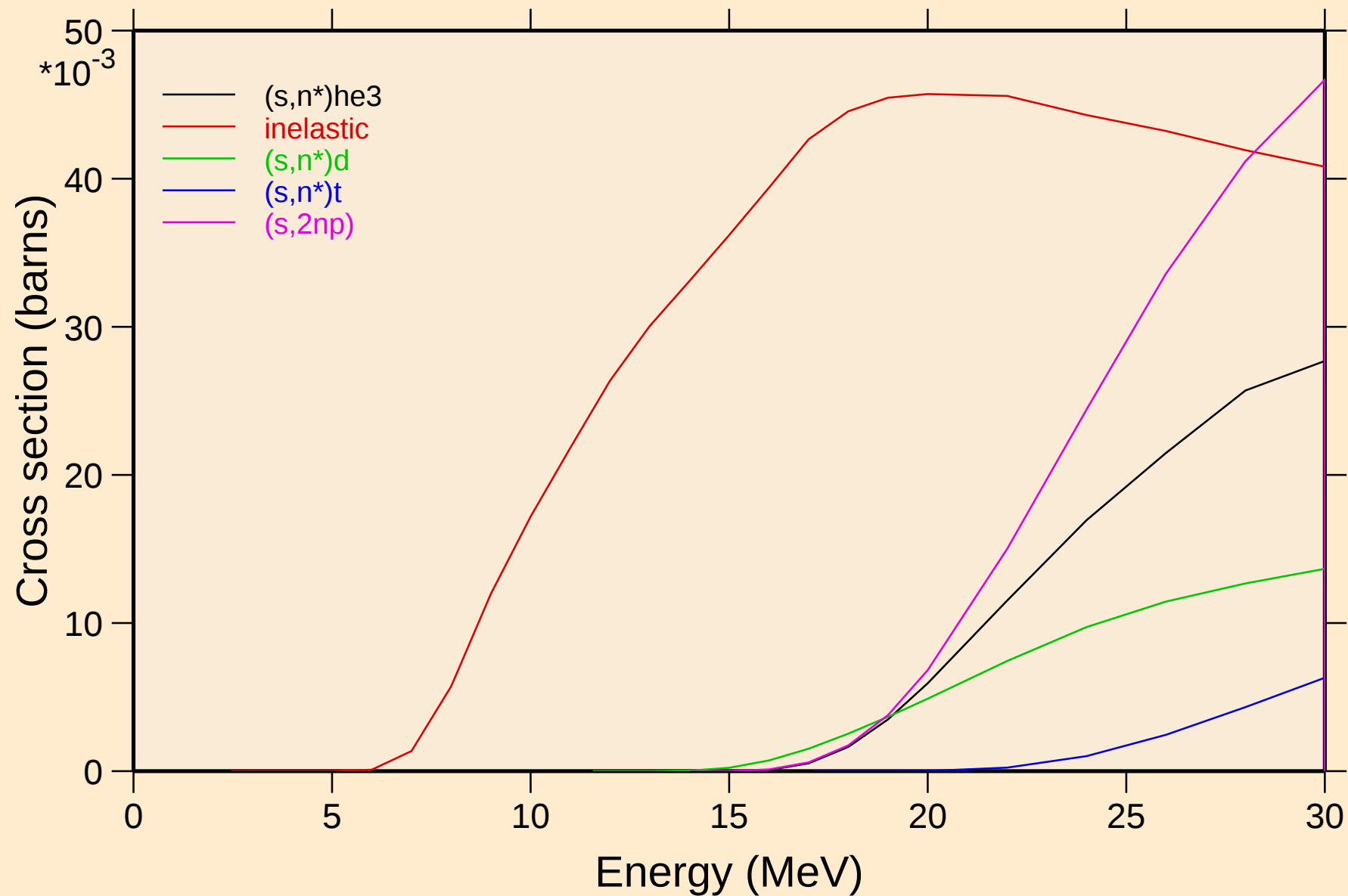


SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions

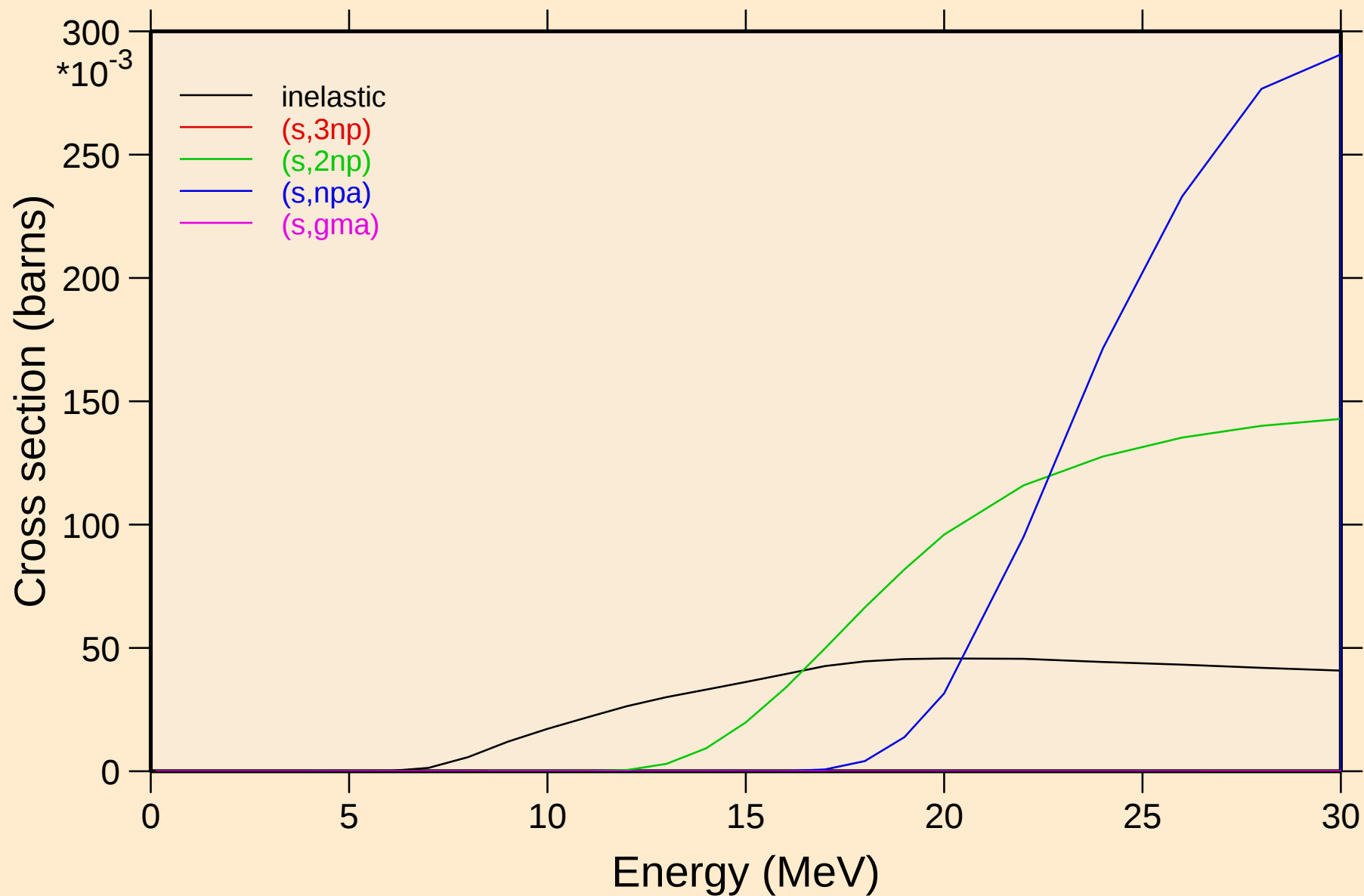


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Threshold reactions

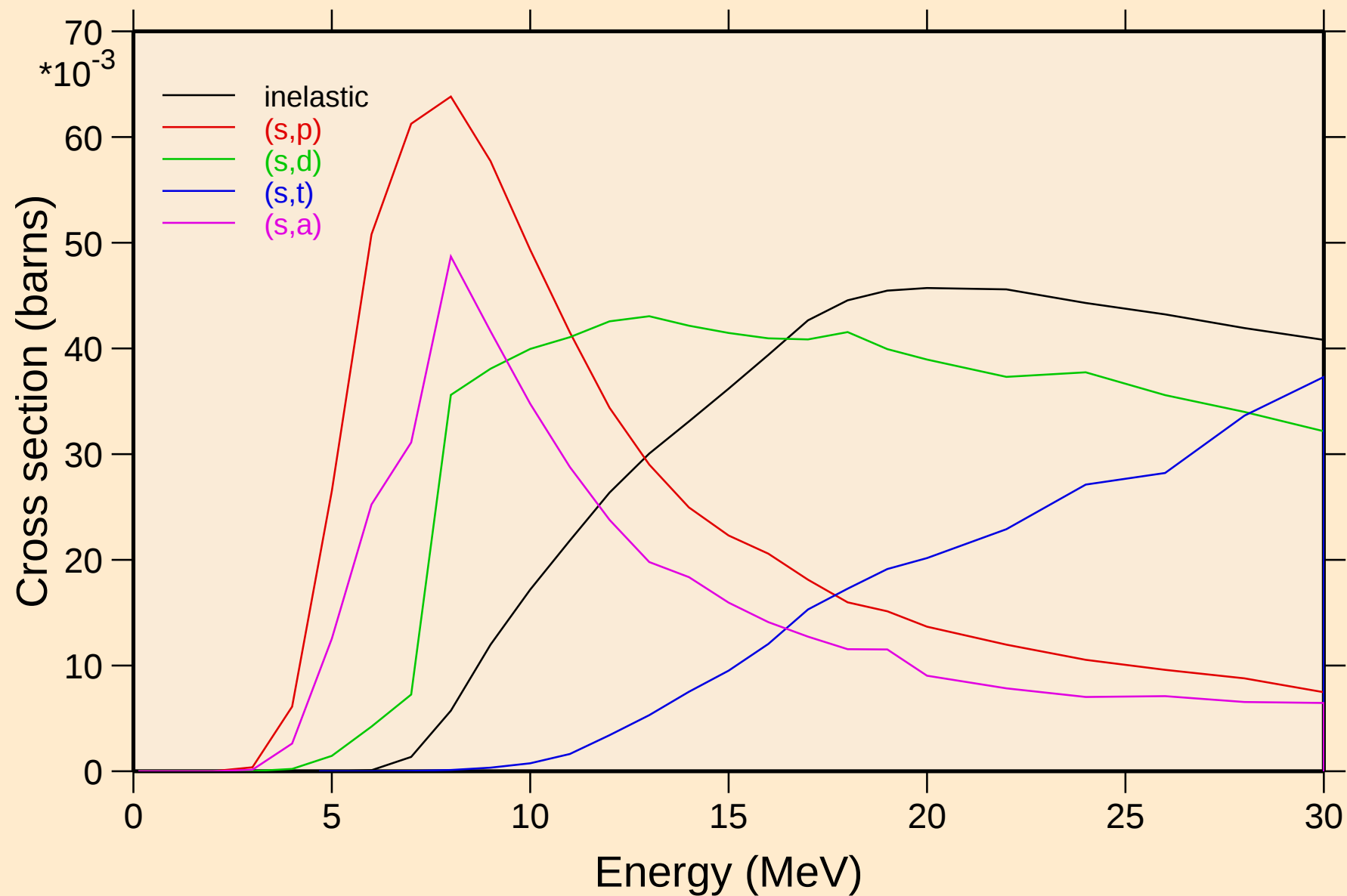


SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions

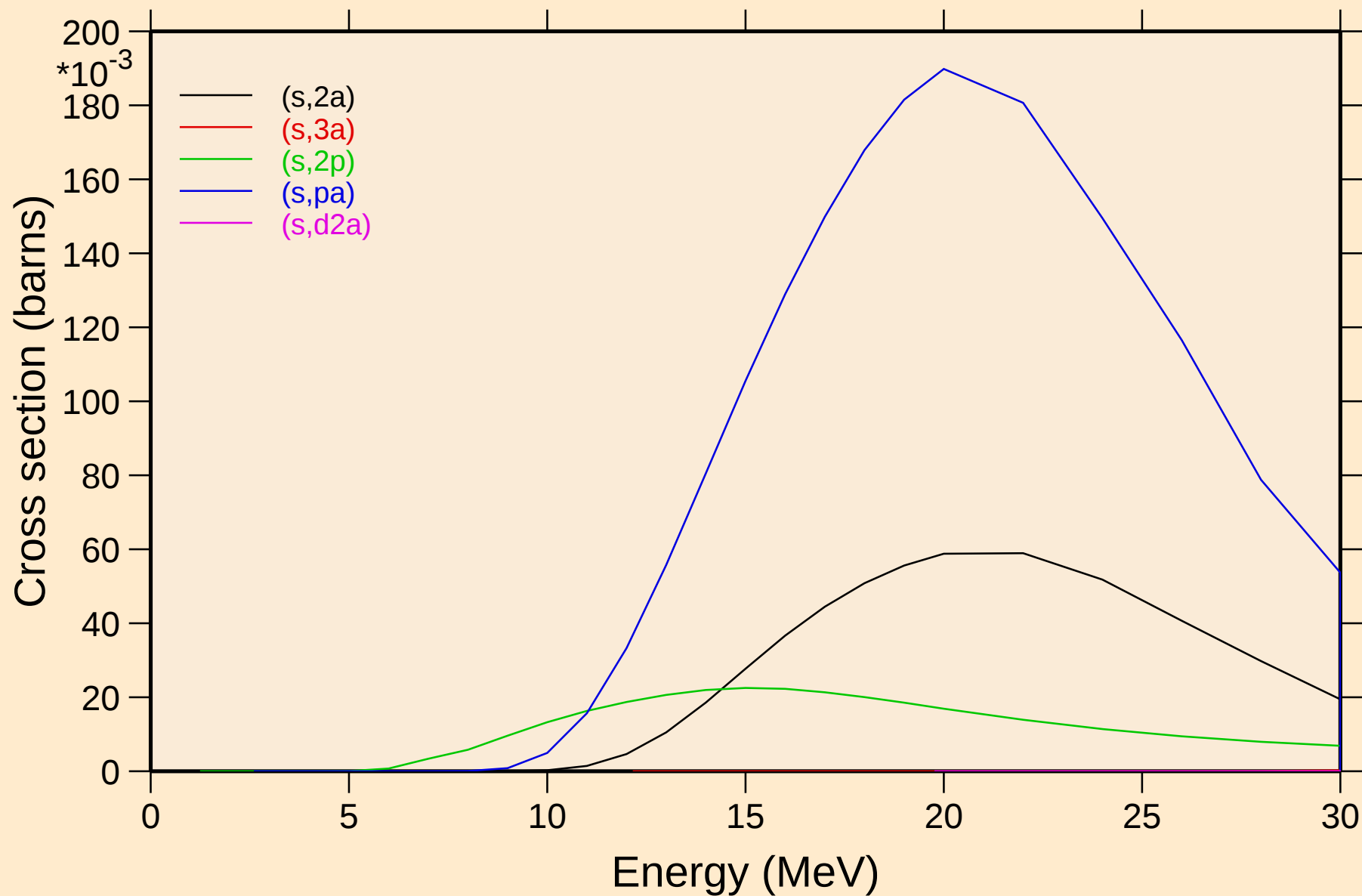


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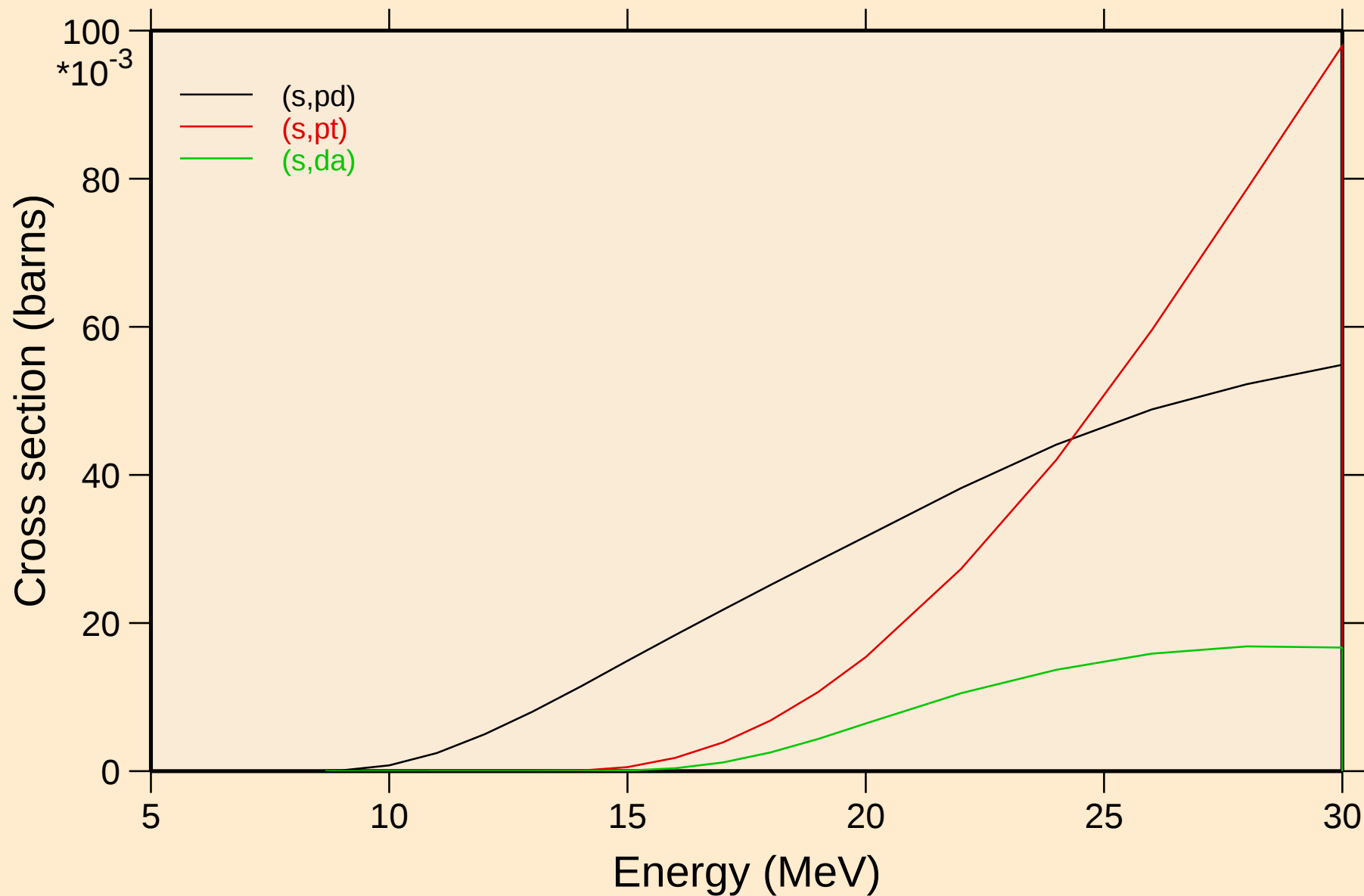
Threshold reactions



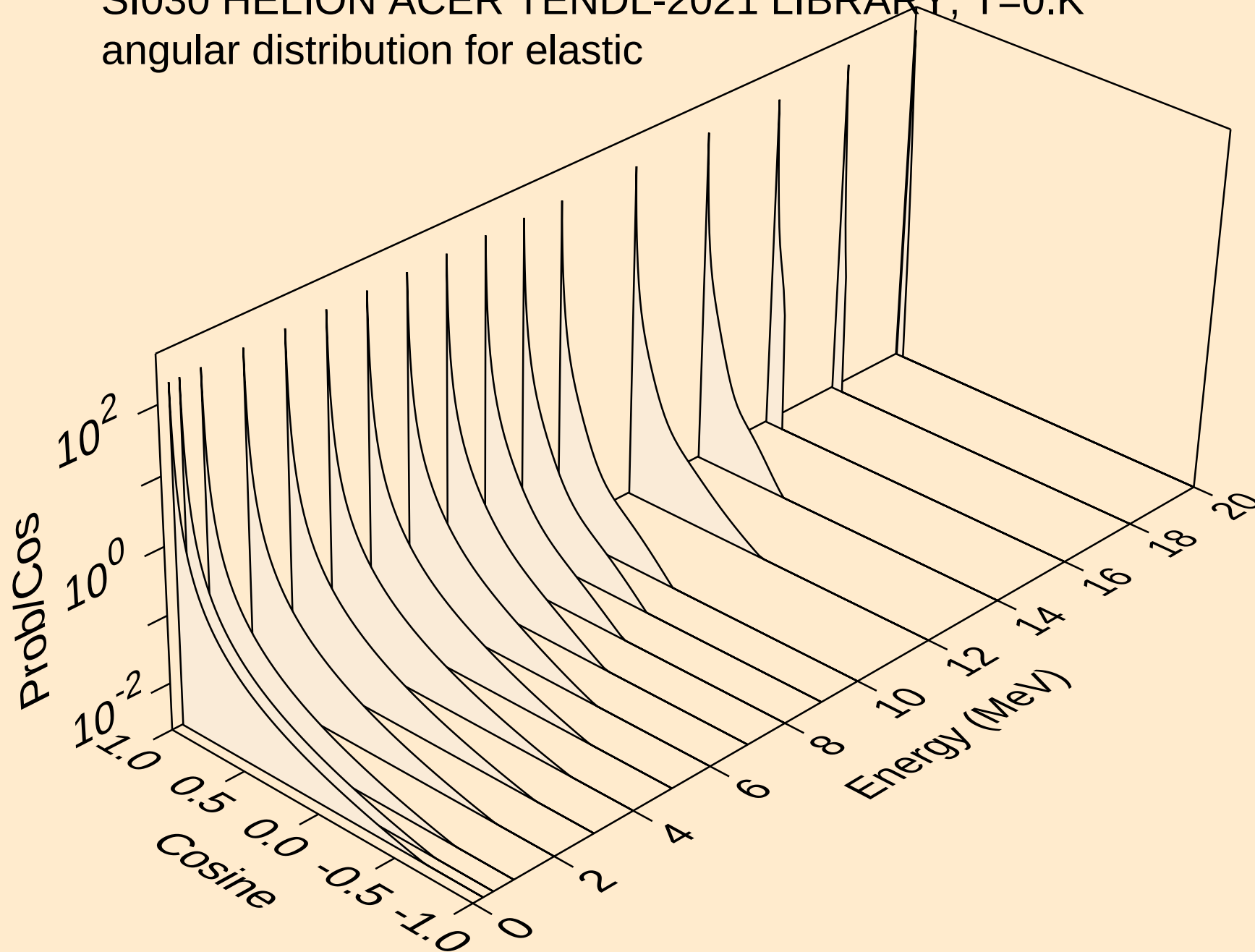
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Threshold reactions



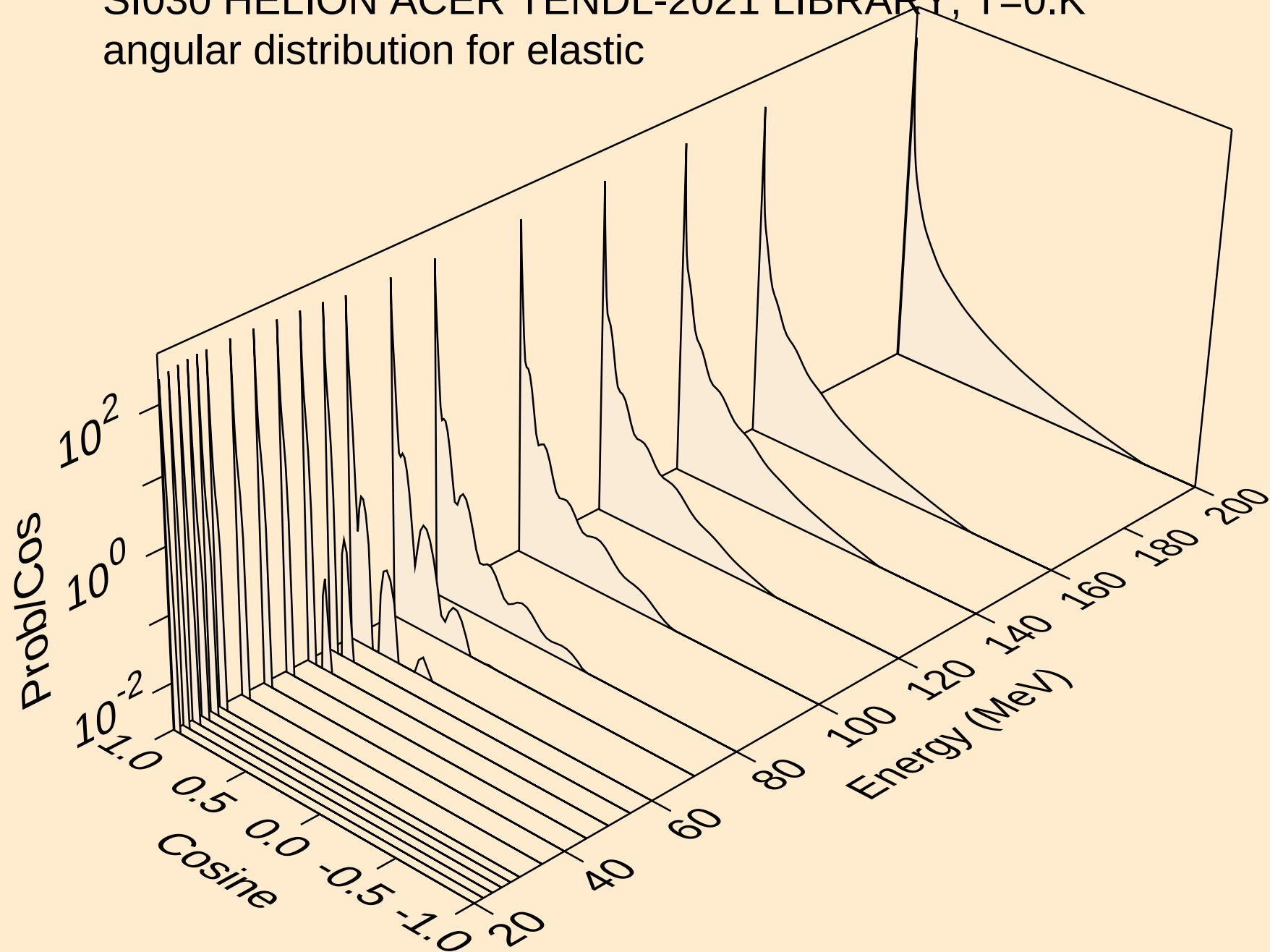
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Threshold reactions



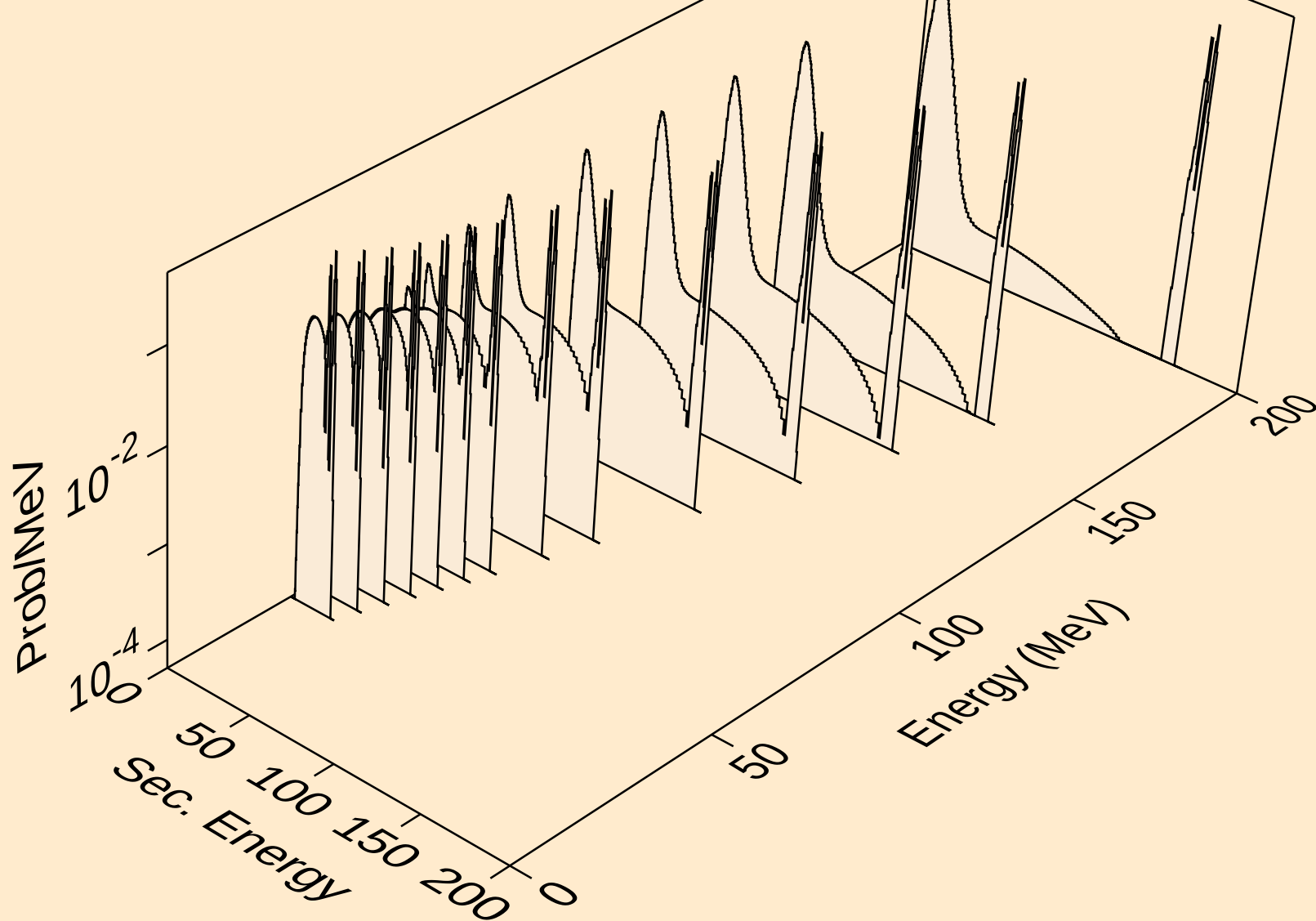
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



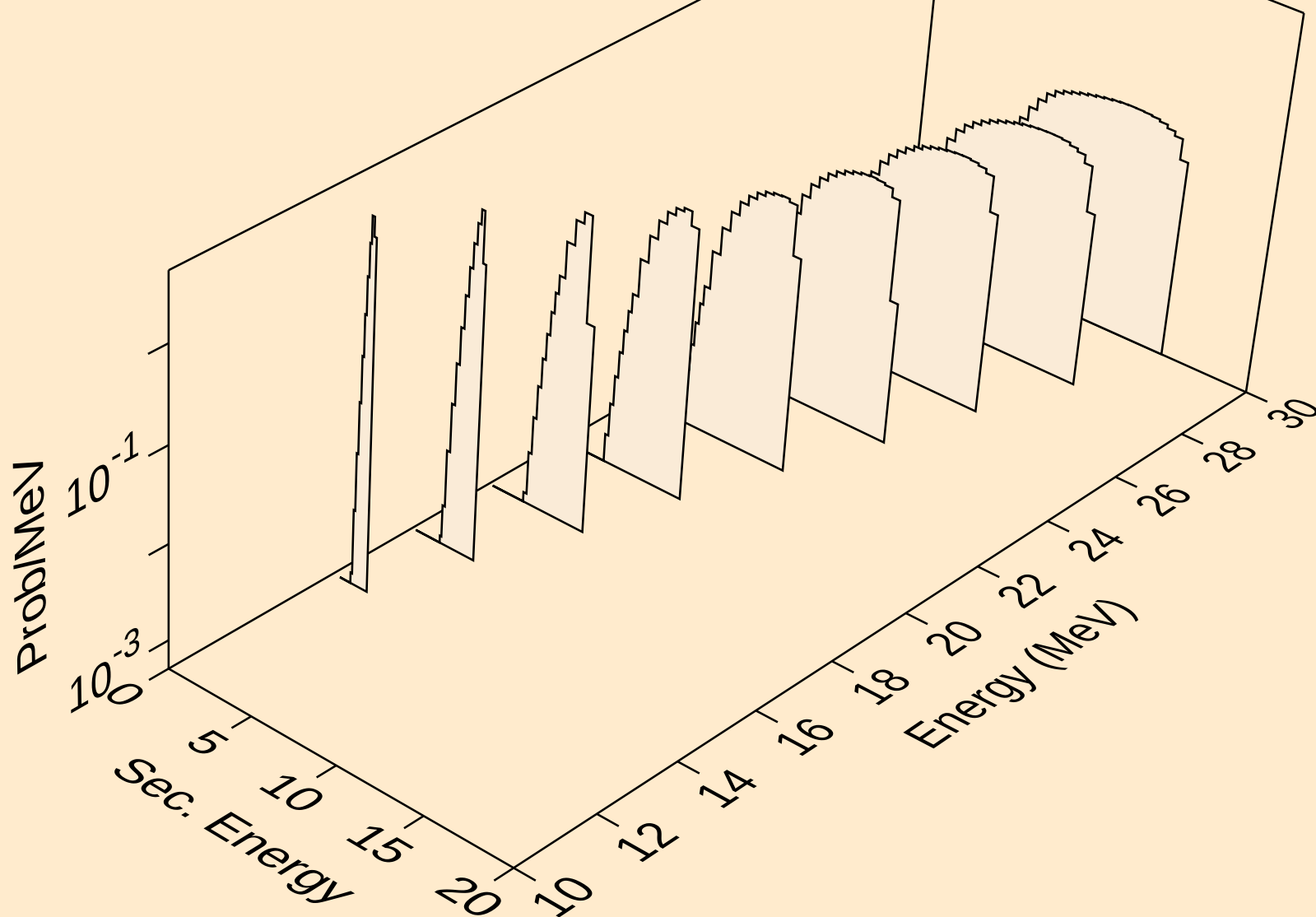
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angular distribution for elastic



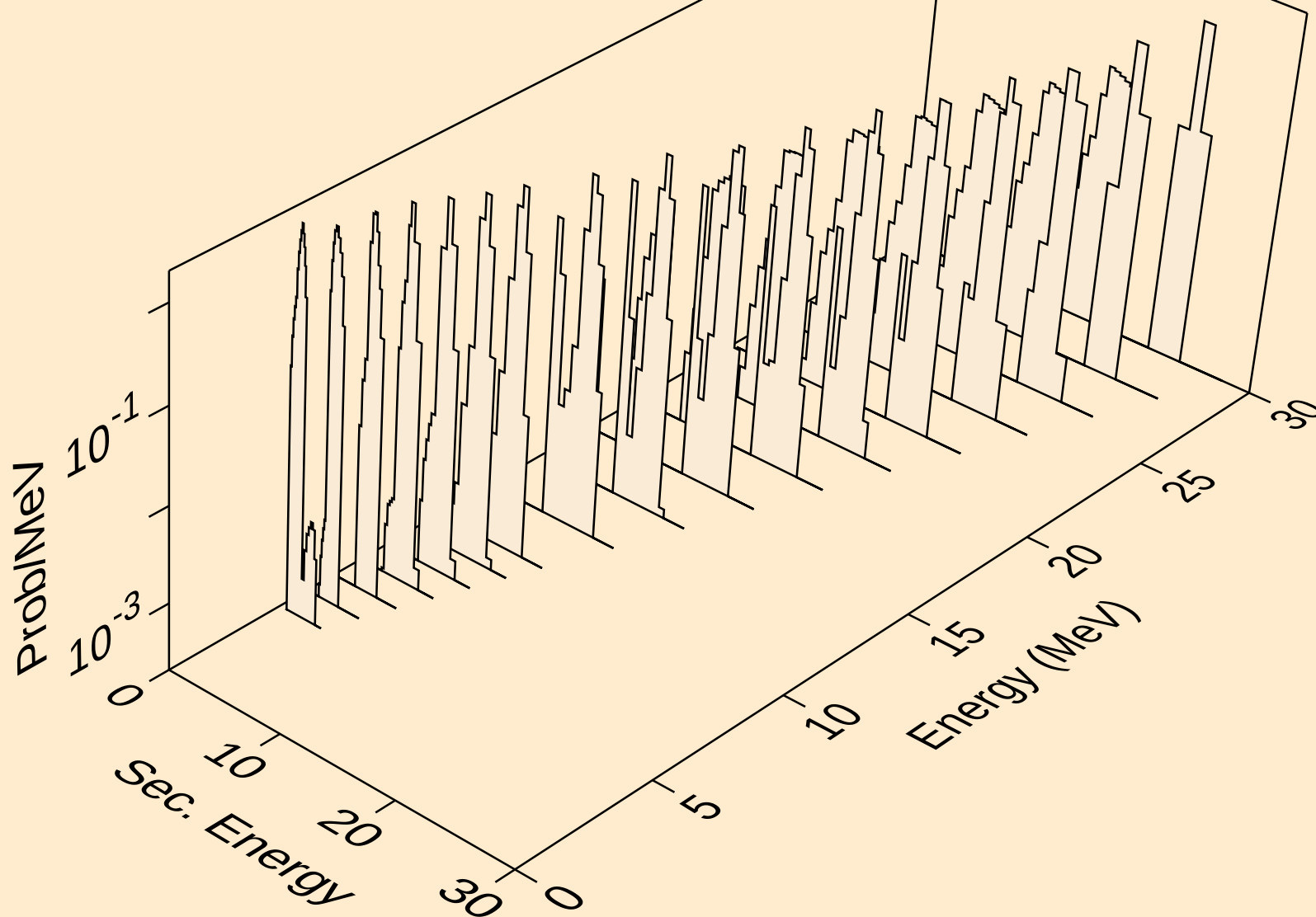
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
He-3 emission for (s,x)



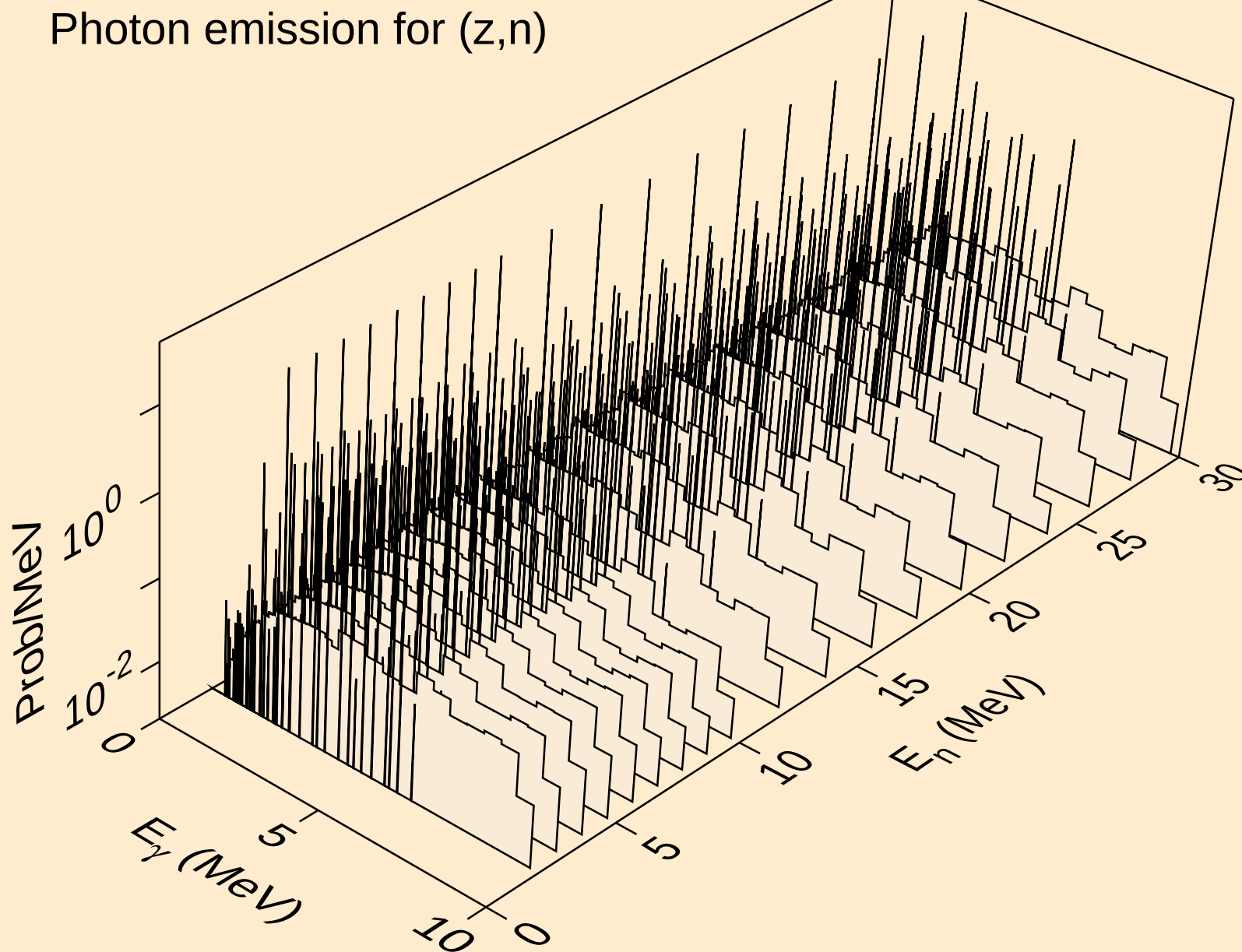
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



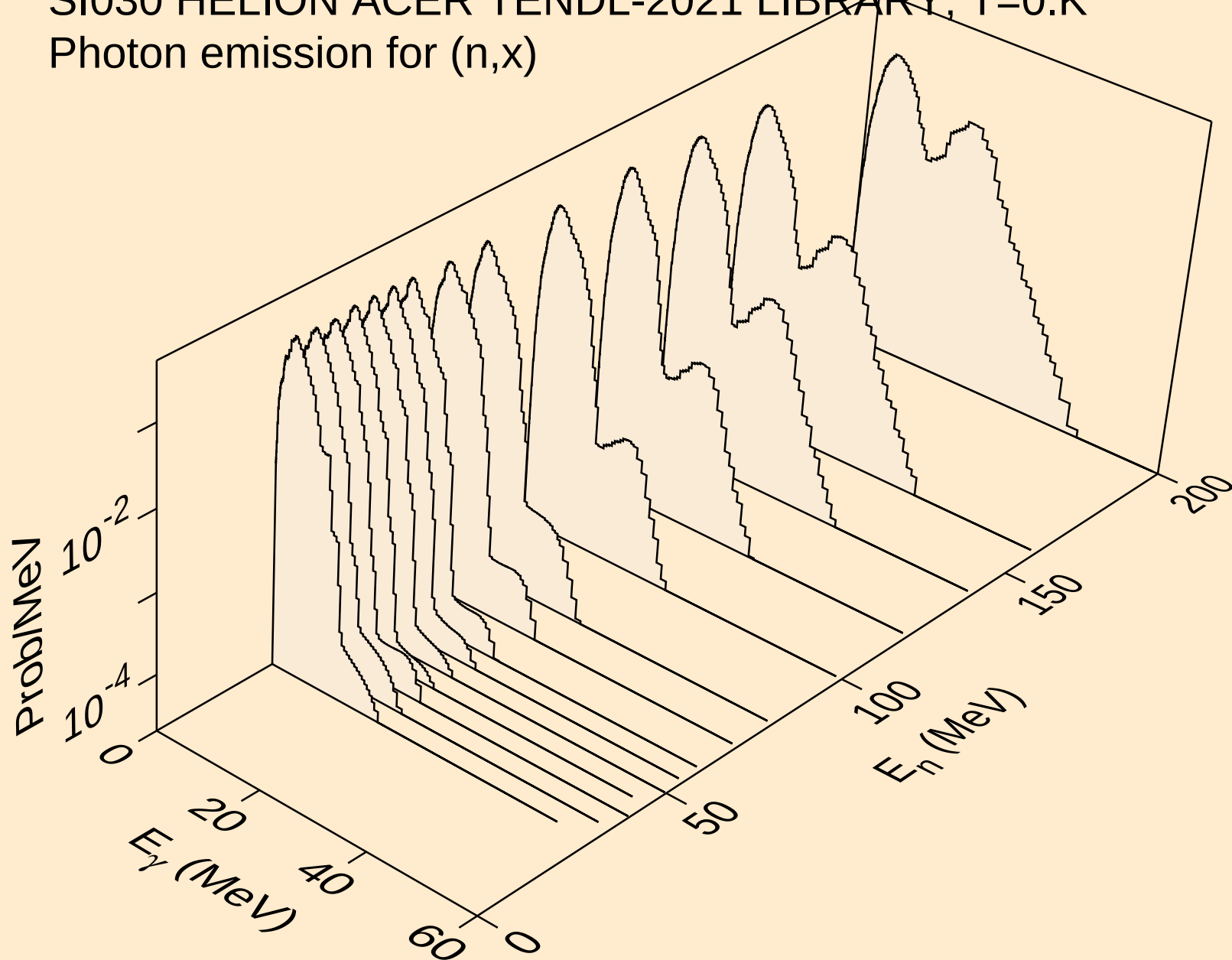
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
He-3 emission for inelastic



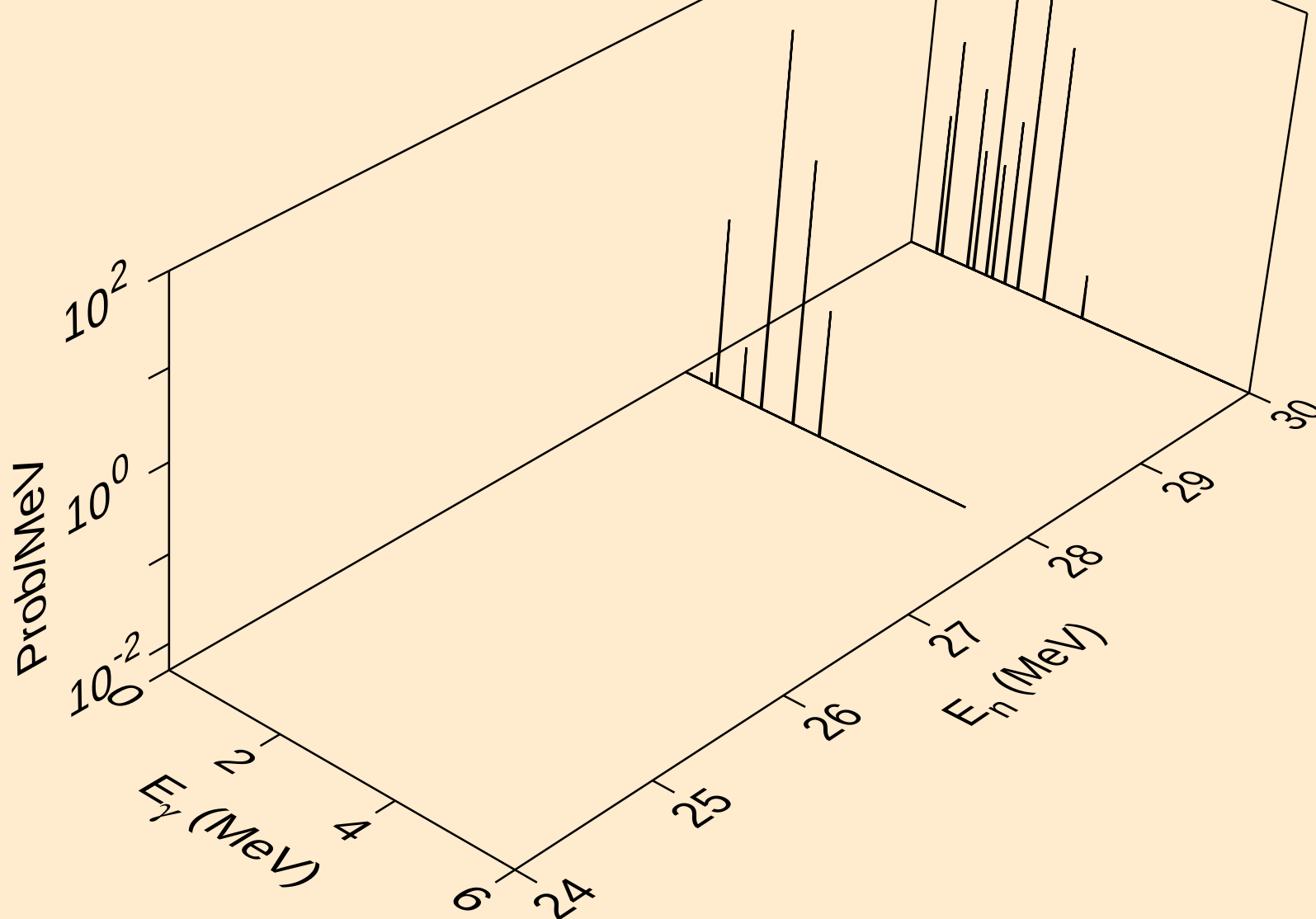
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



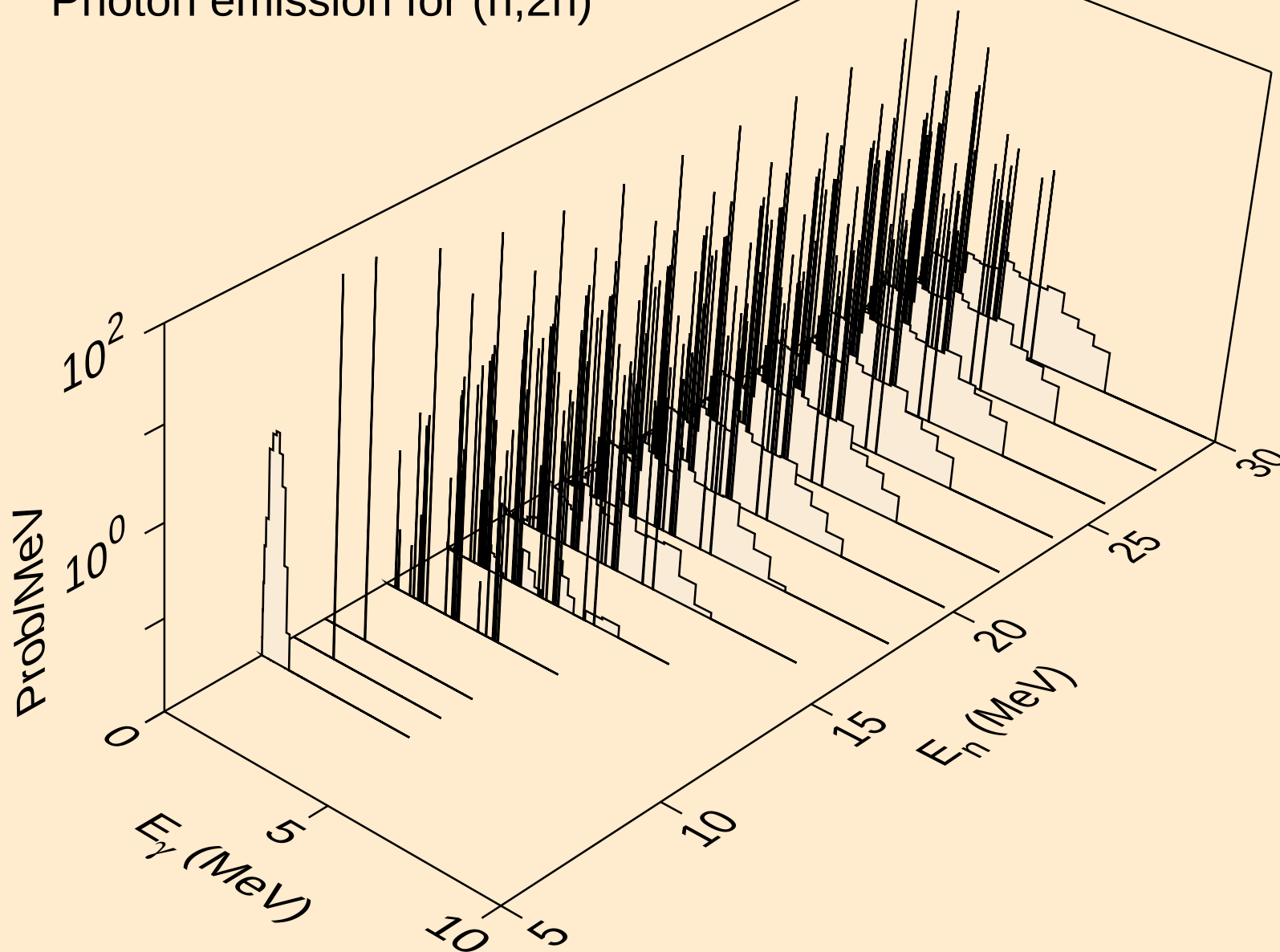
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



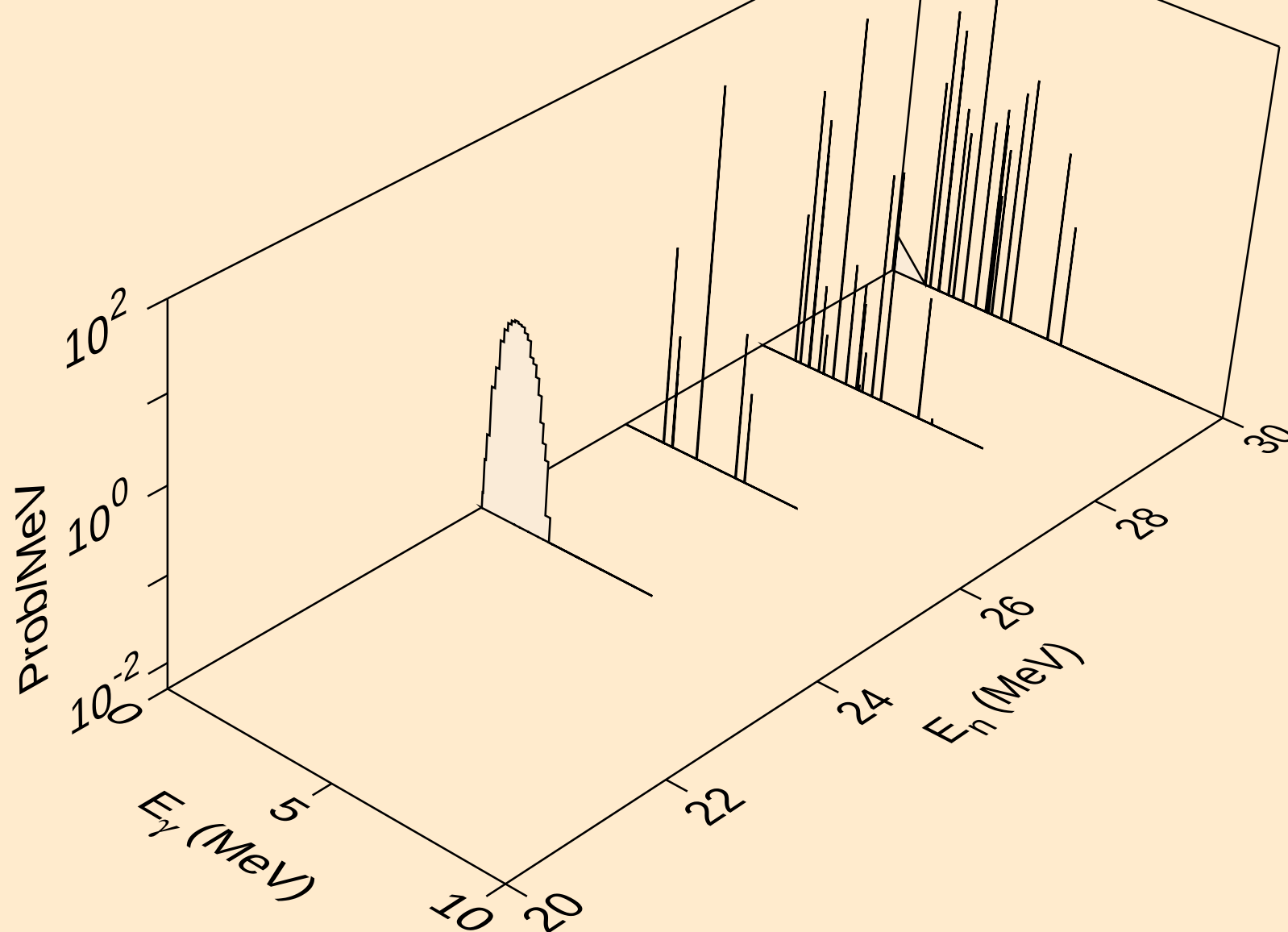
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2nd)



SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)

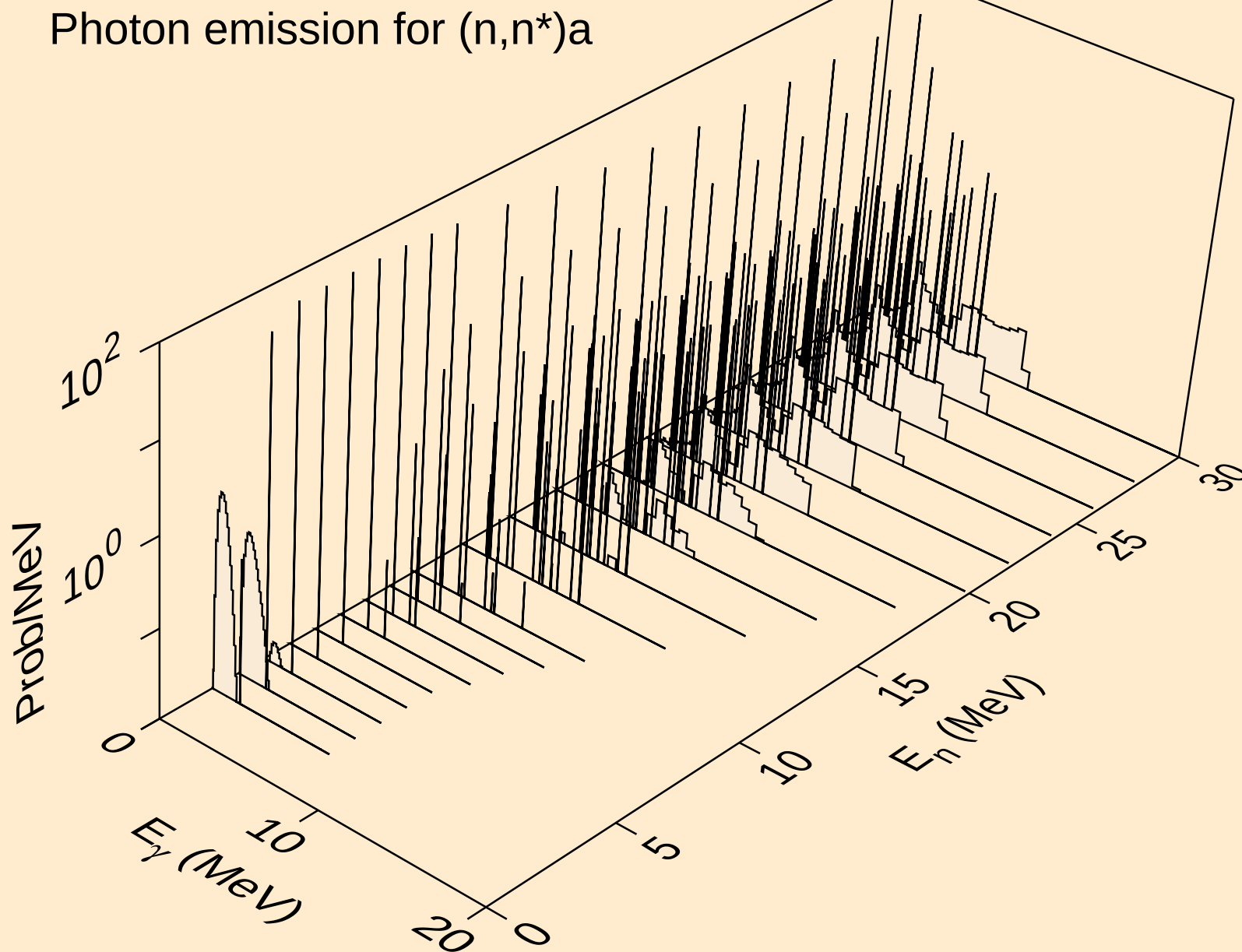


SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)



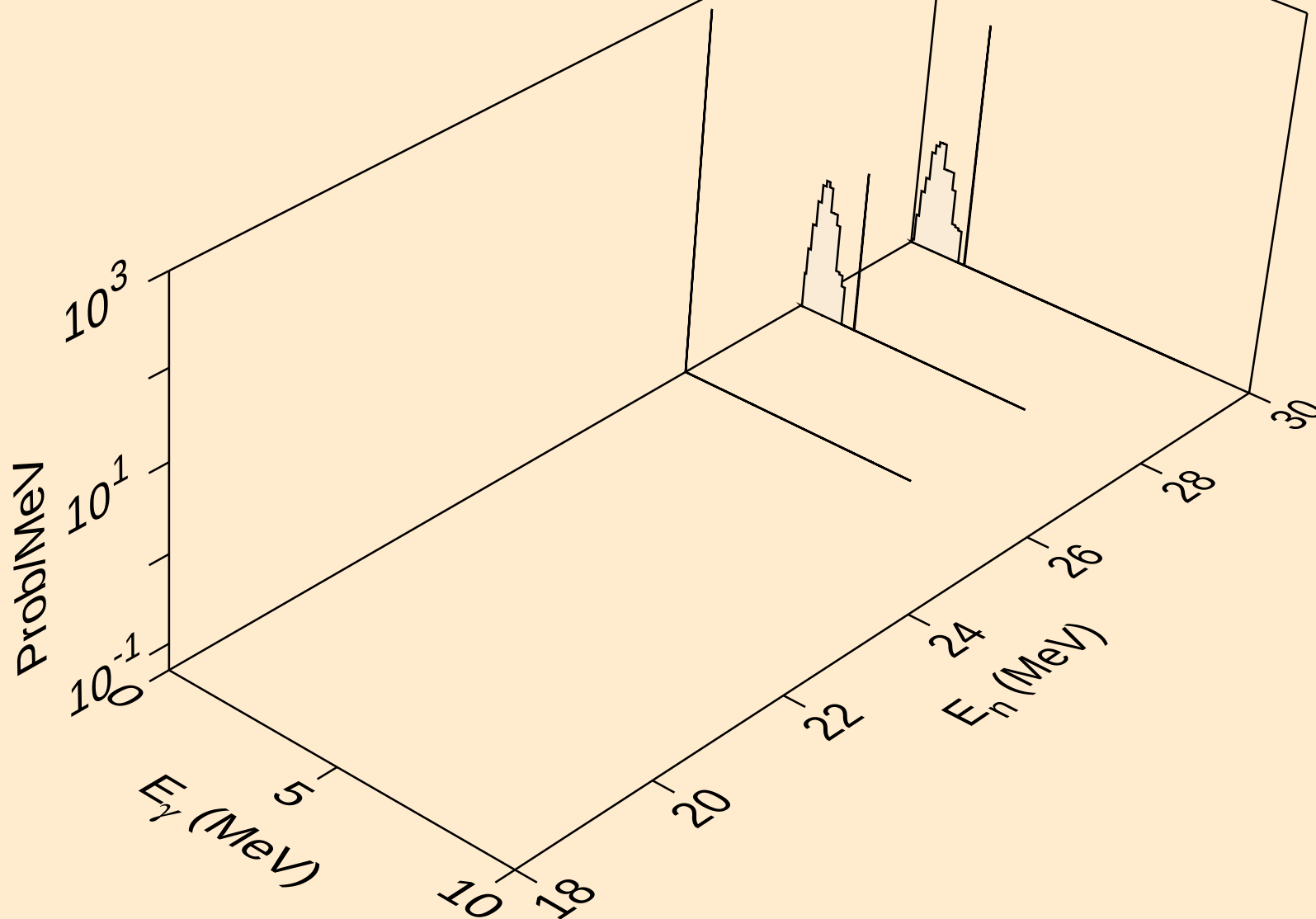
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)a



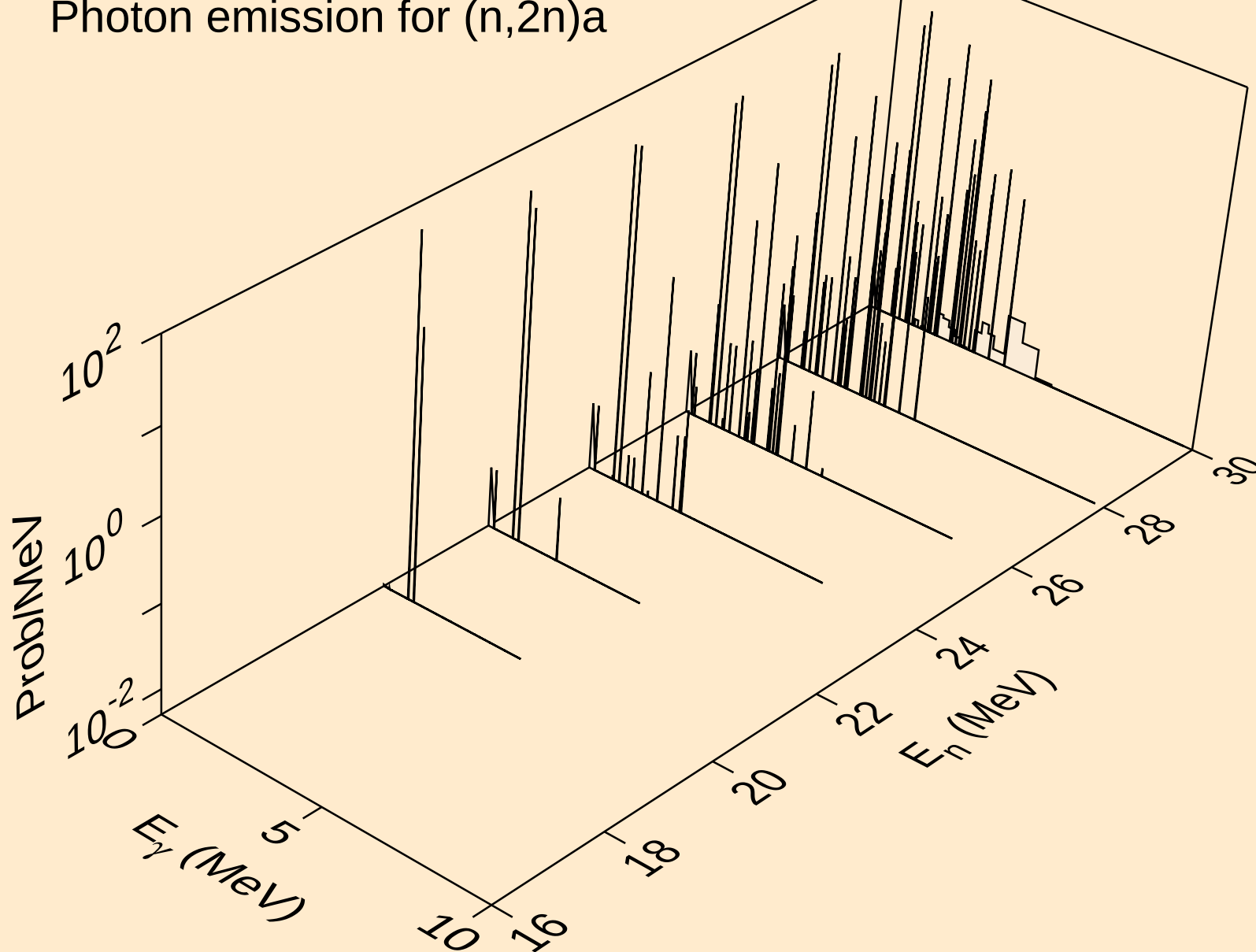
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Photon emission for (n,n*)3a

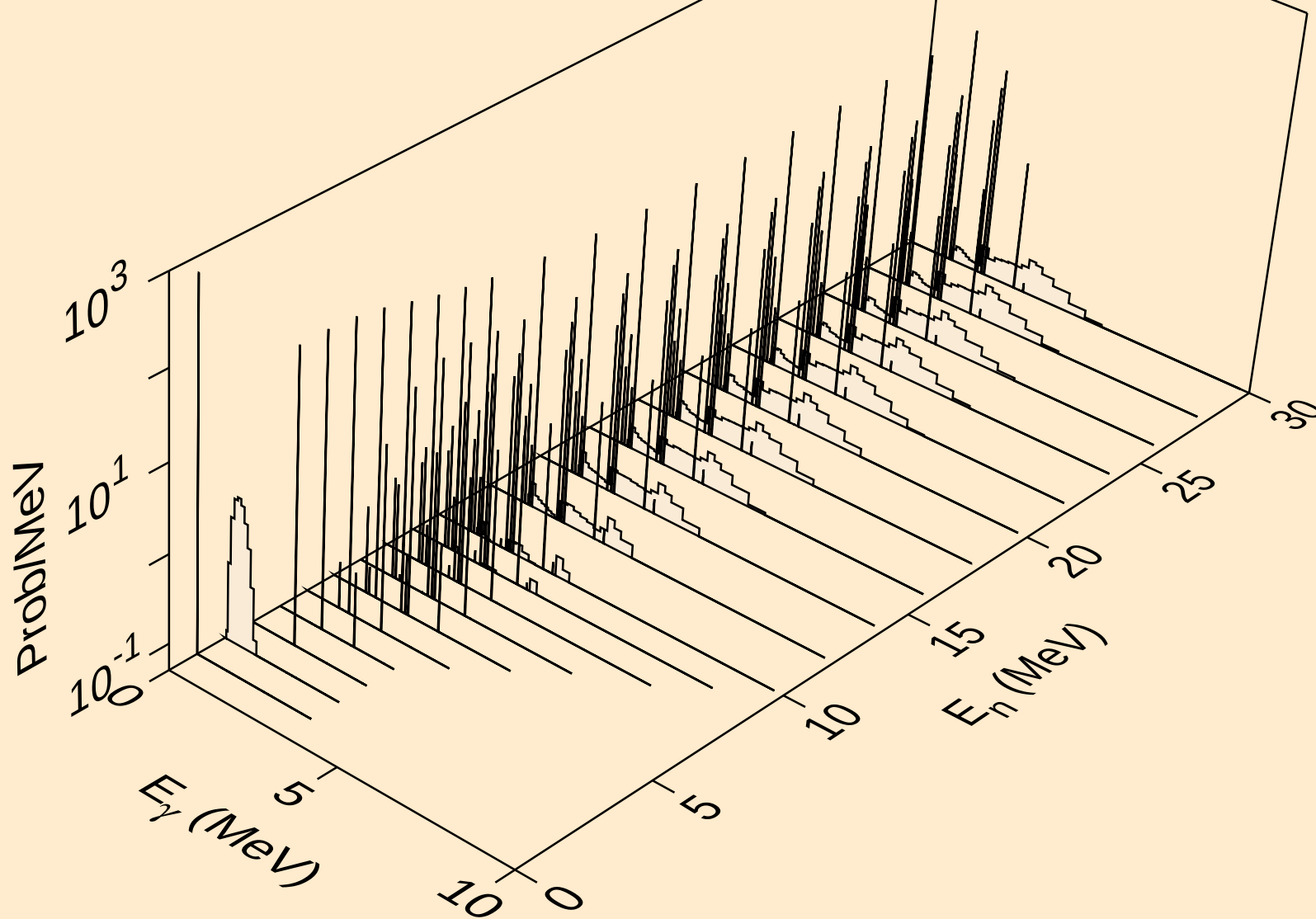


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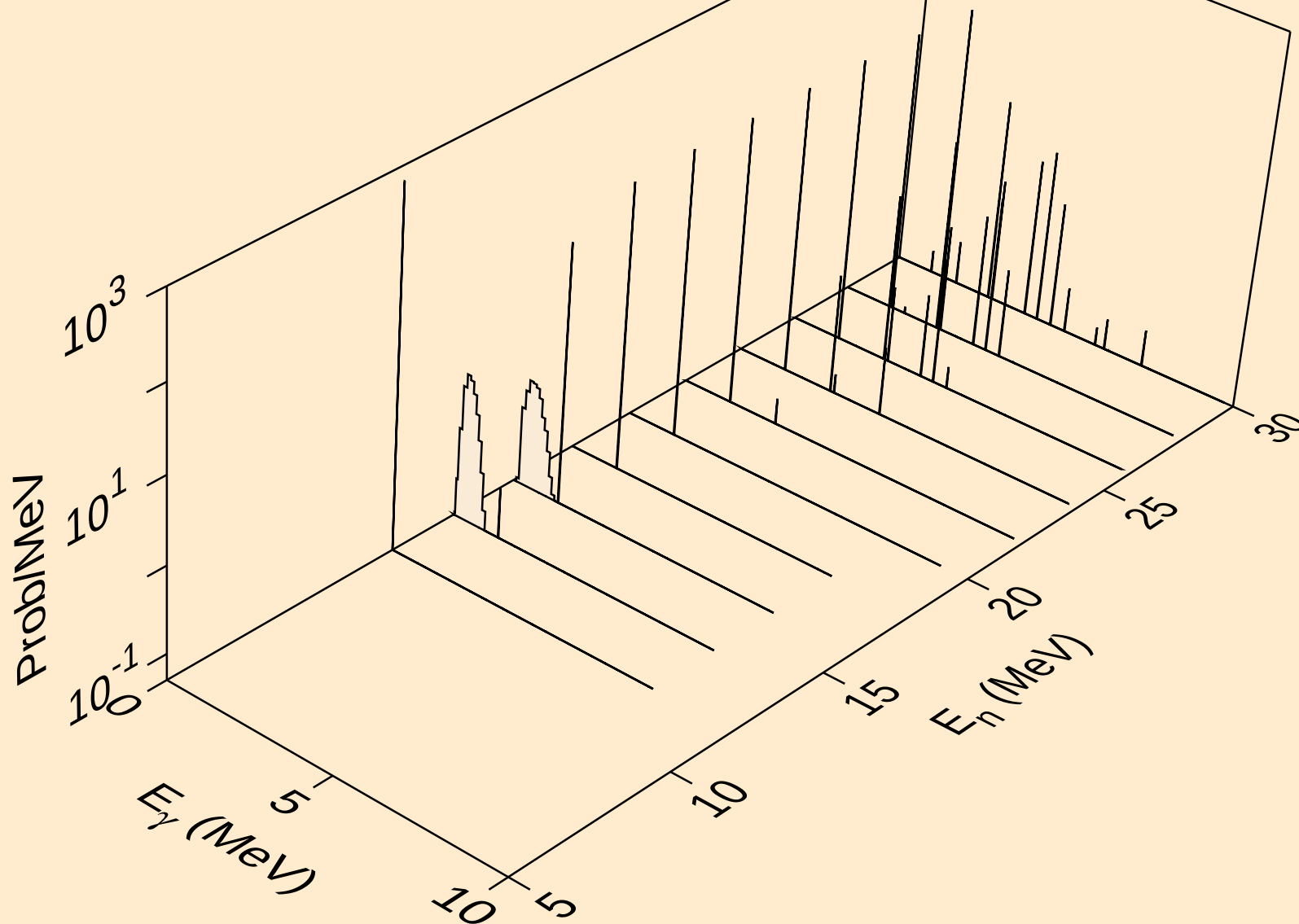
Photon emission for (n,2n)a



SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)p

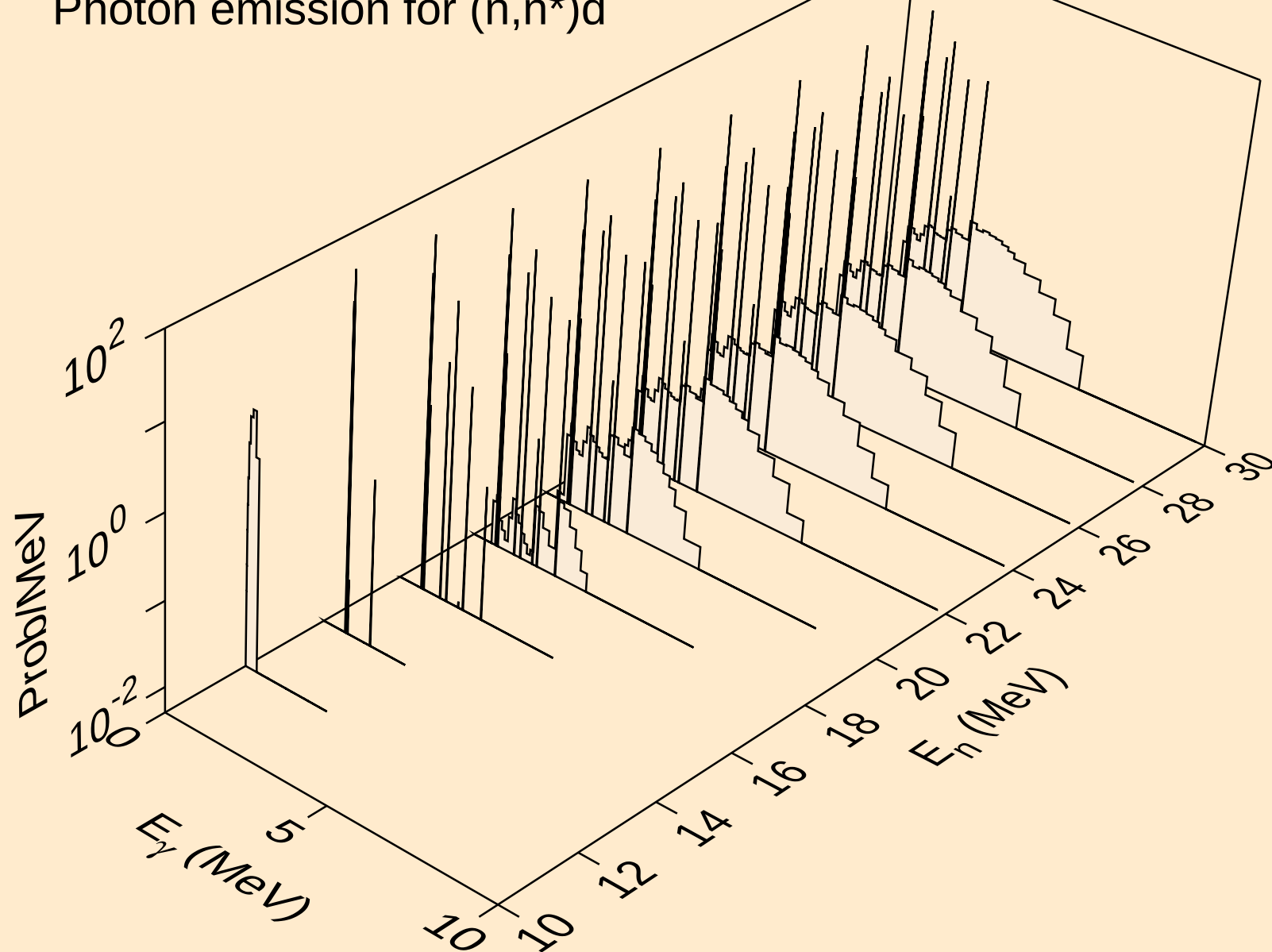


SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)2a



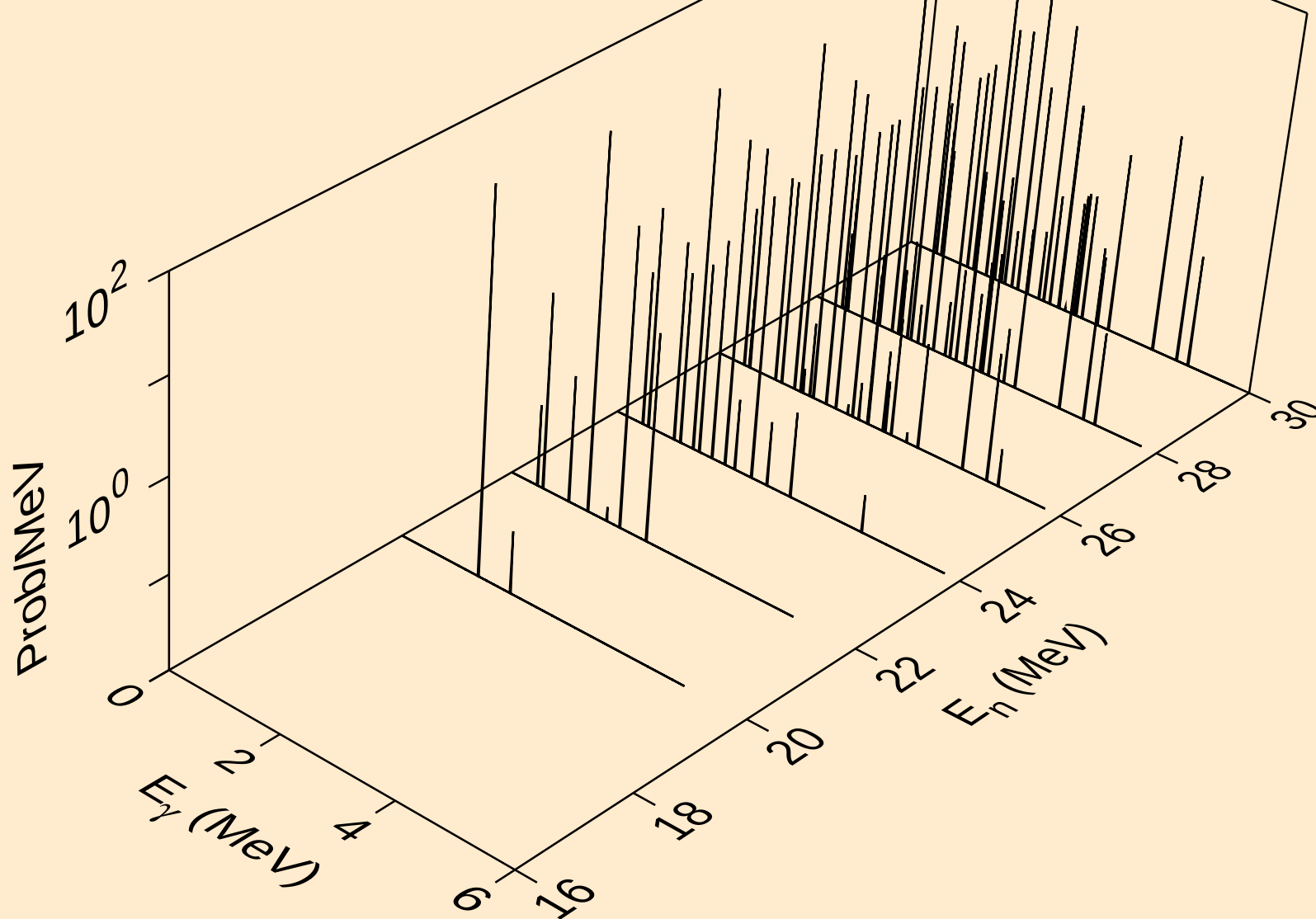
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)d



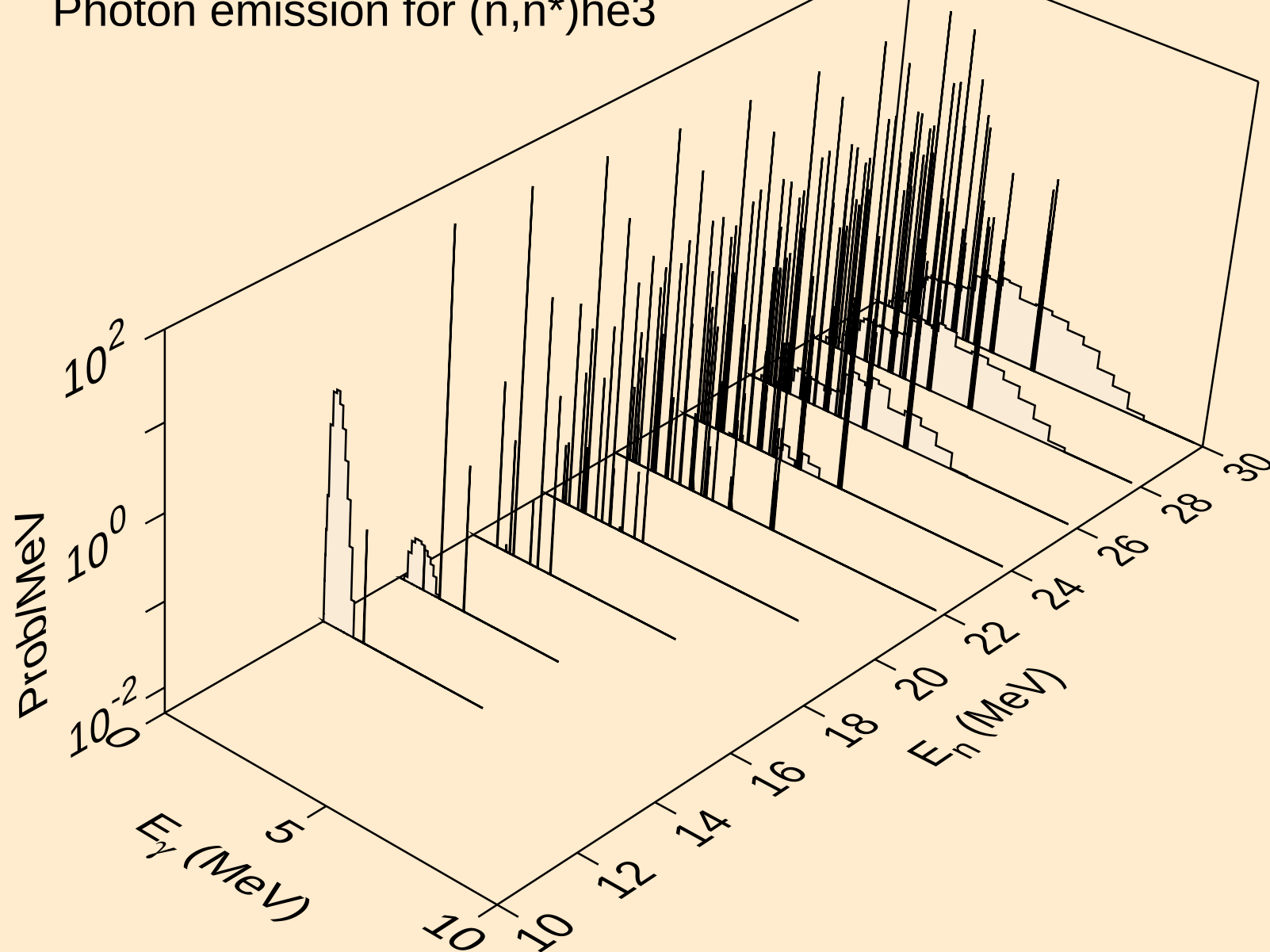
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)t

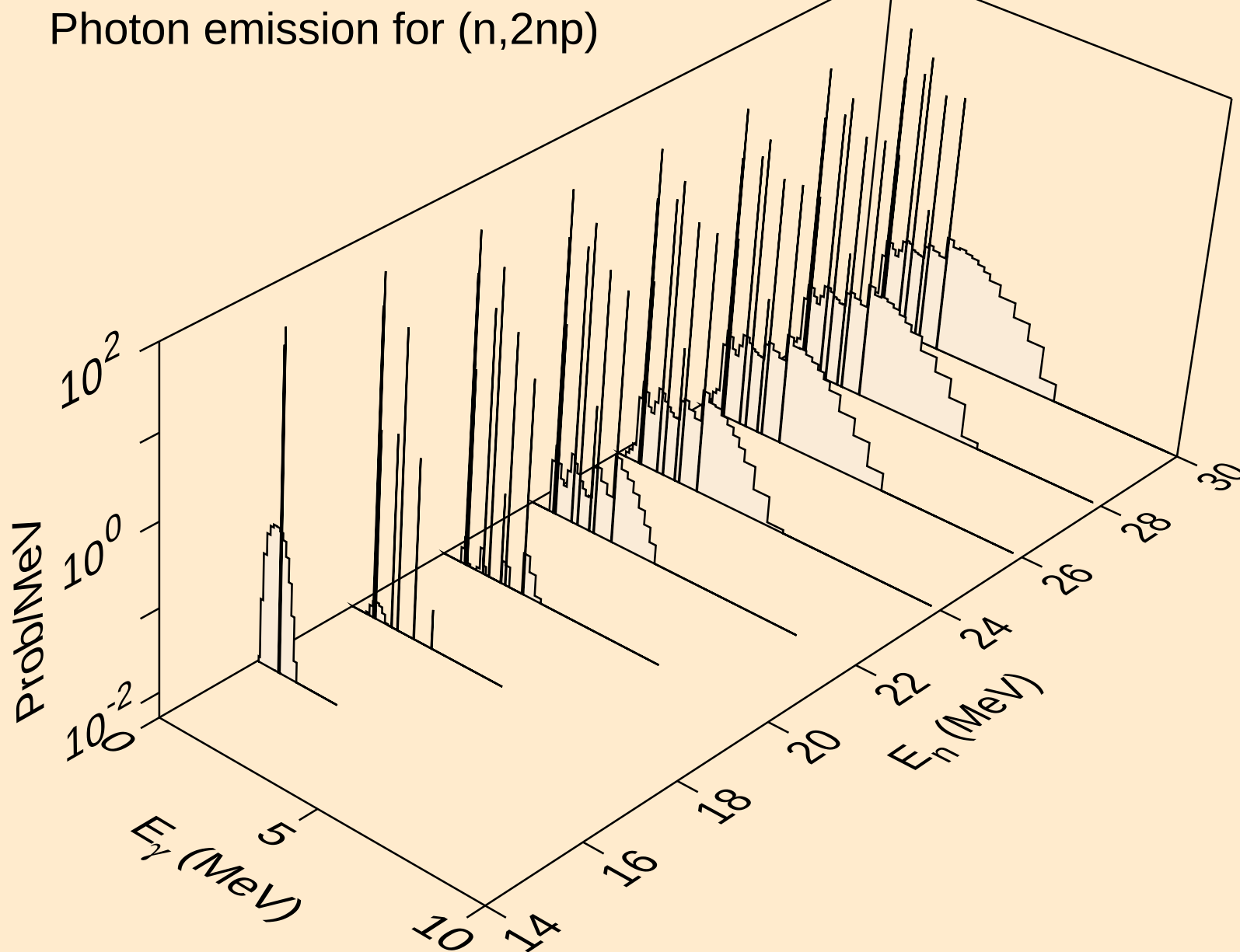


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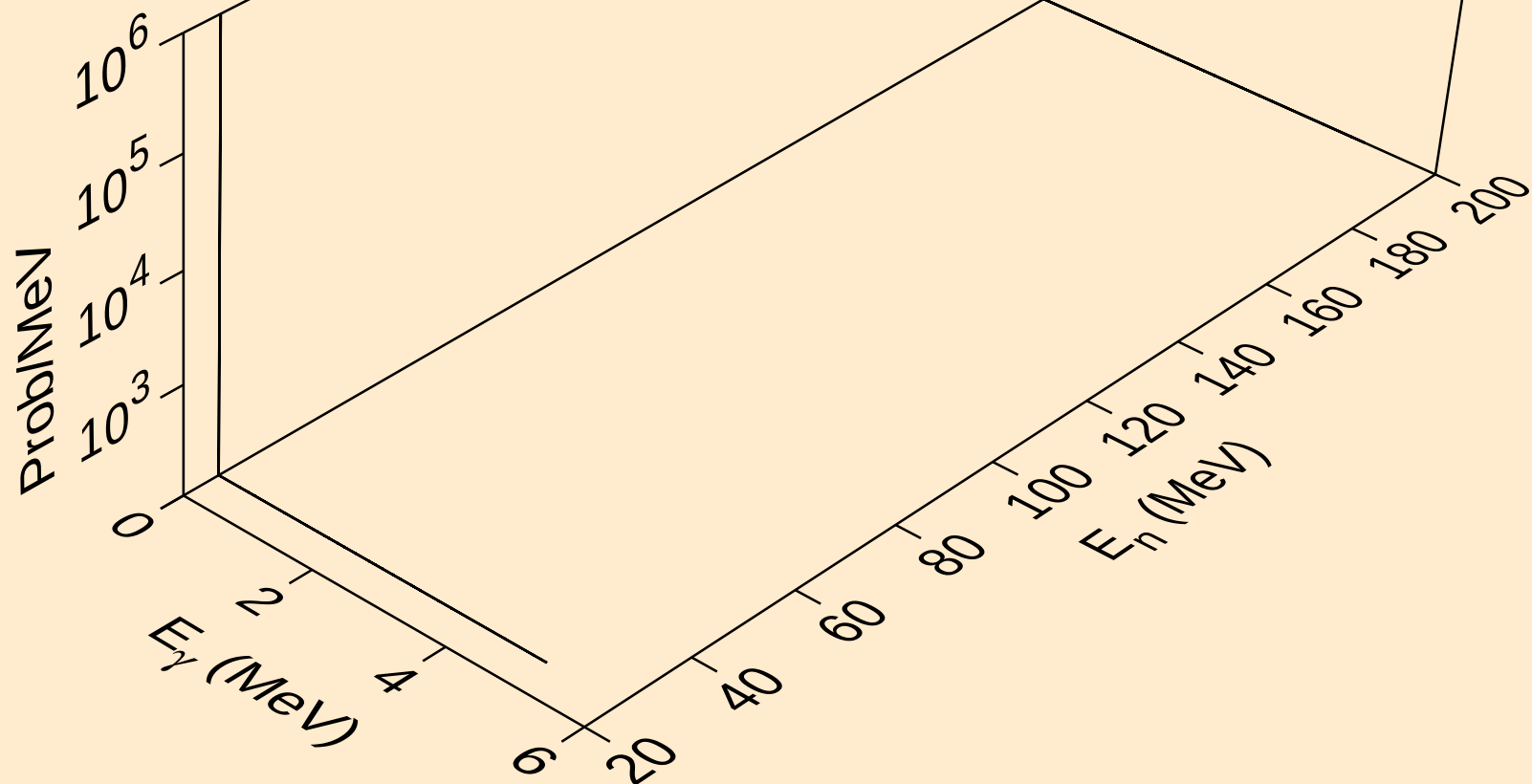
Photon emission for (n,n*)he3



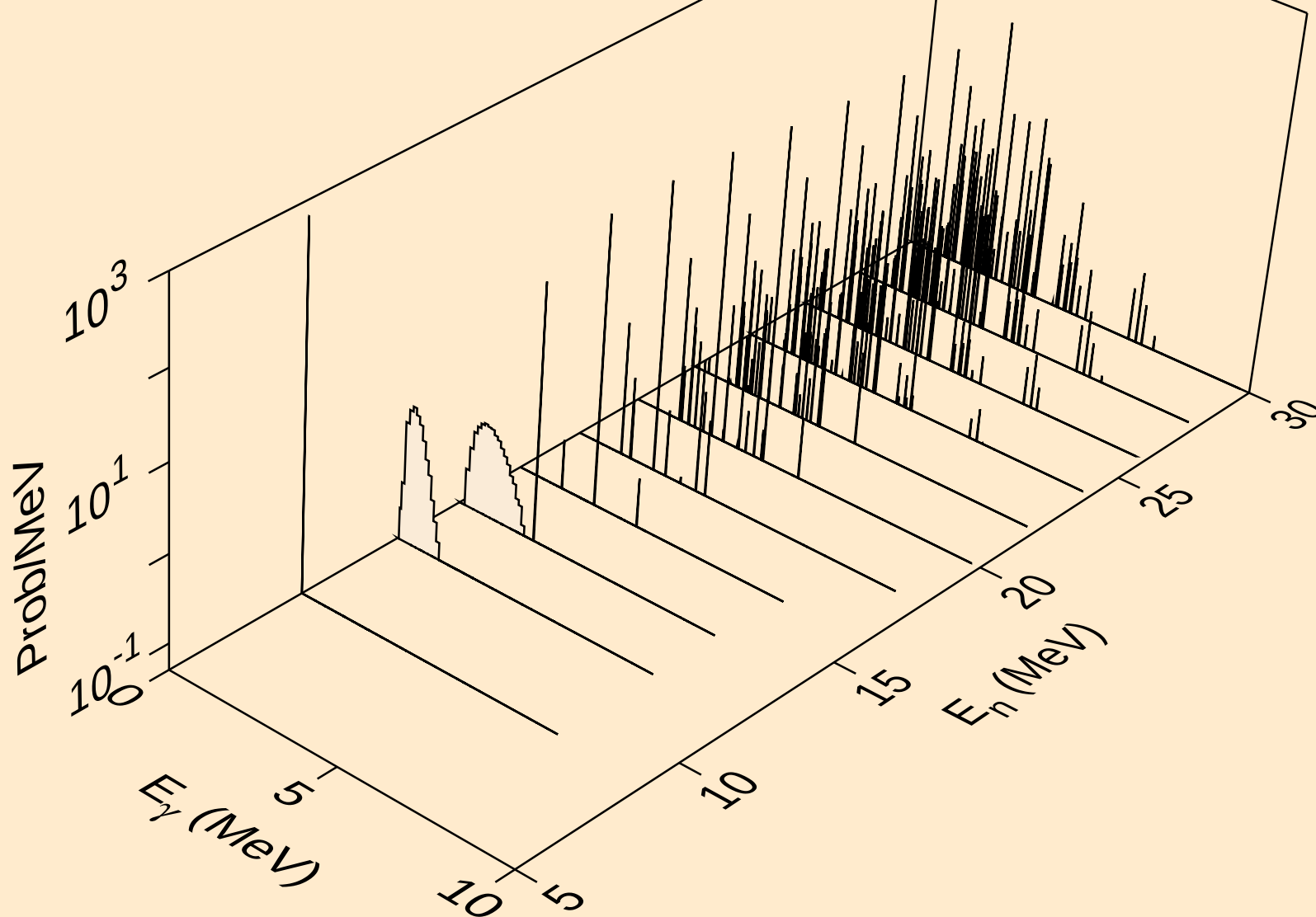
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Photon emission for (n,2np)



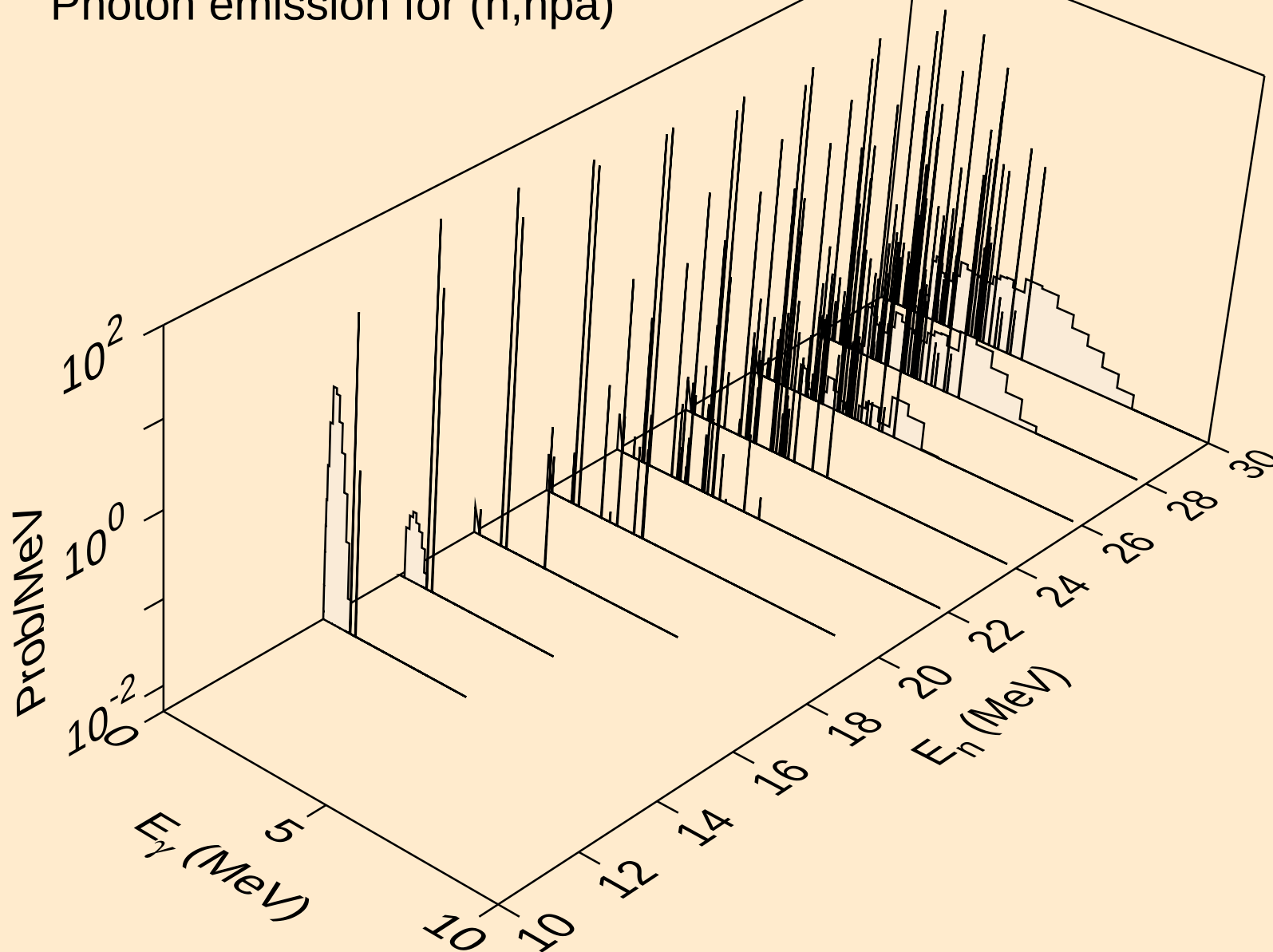
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Photon emission for (n,3np)



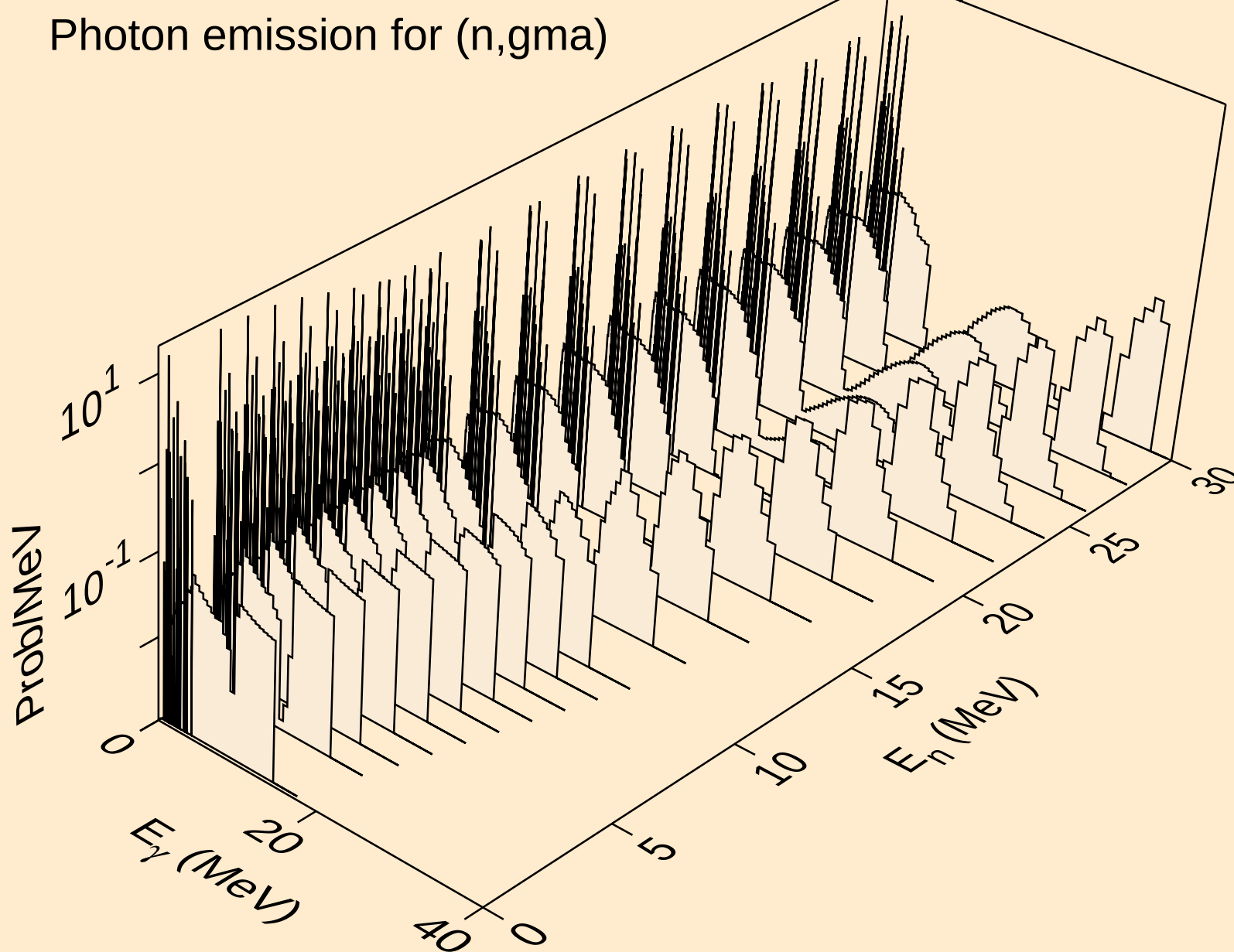
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Photon emission for (n,2np)



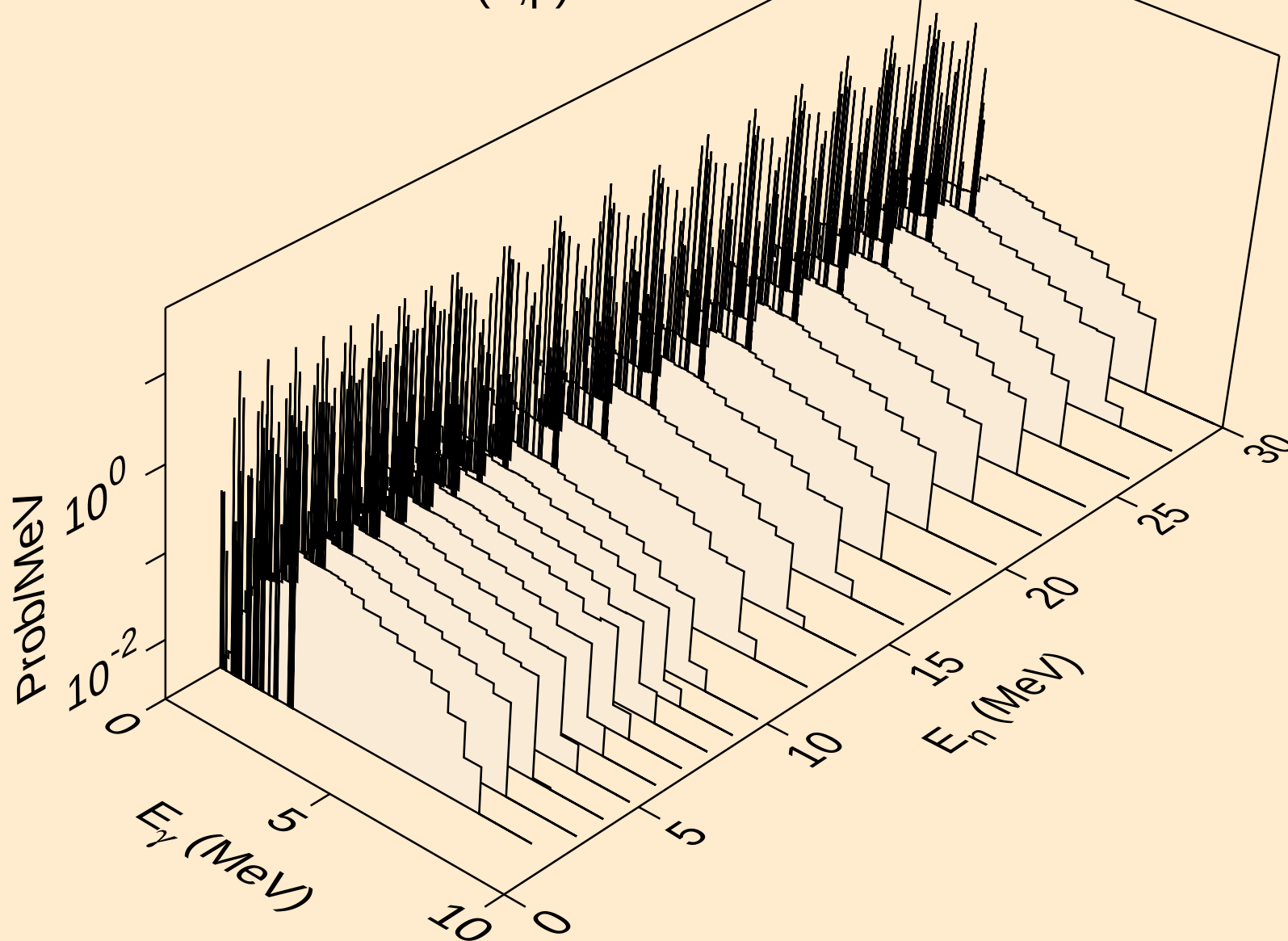
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,npa)



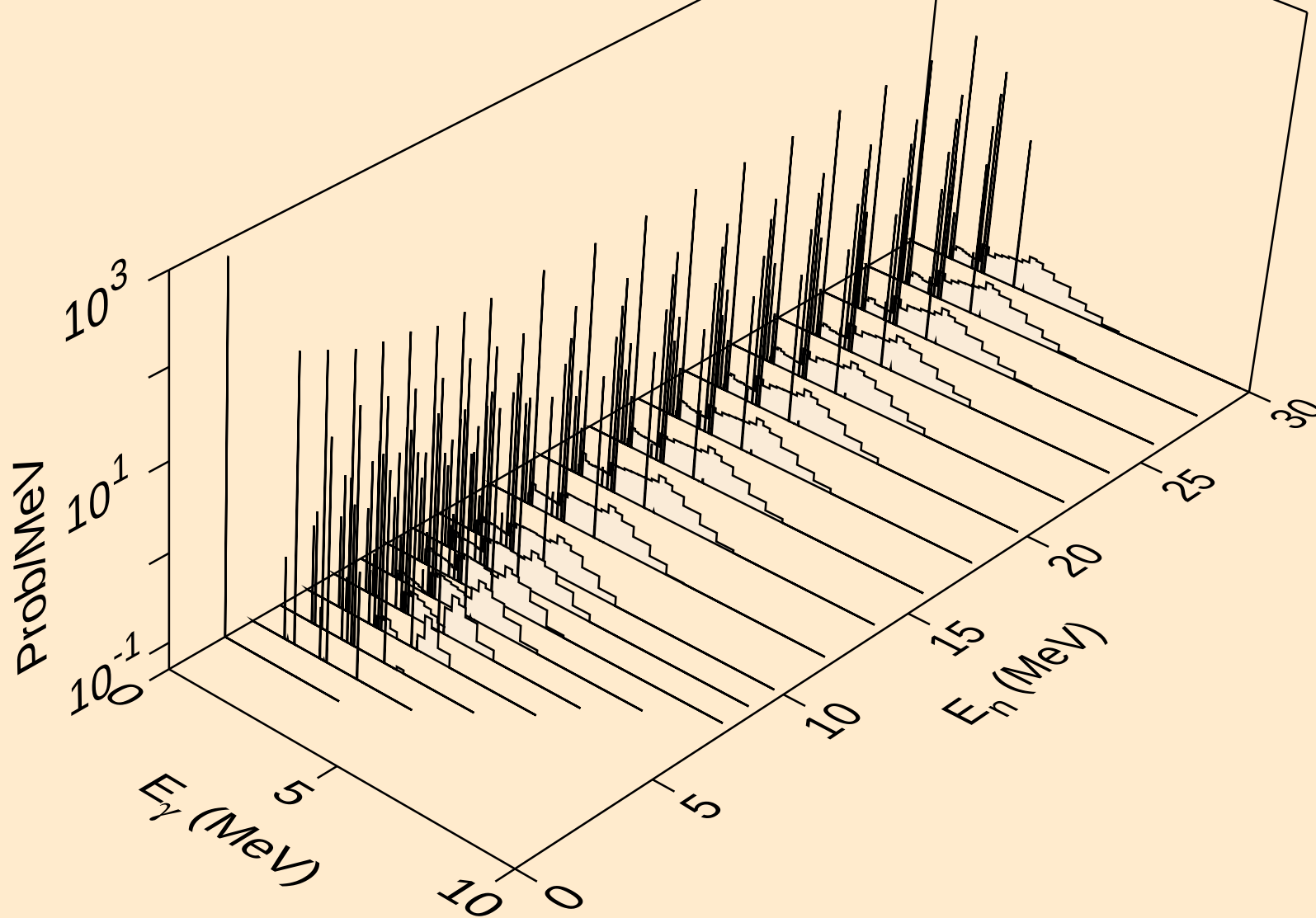
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Photon emission for (n,gma)



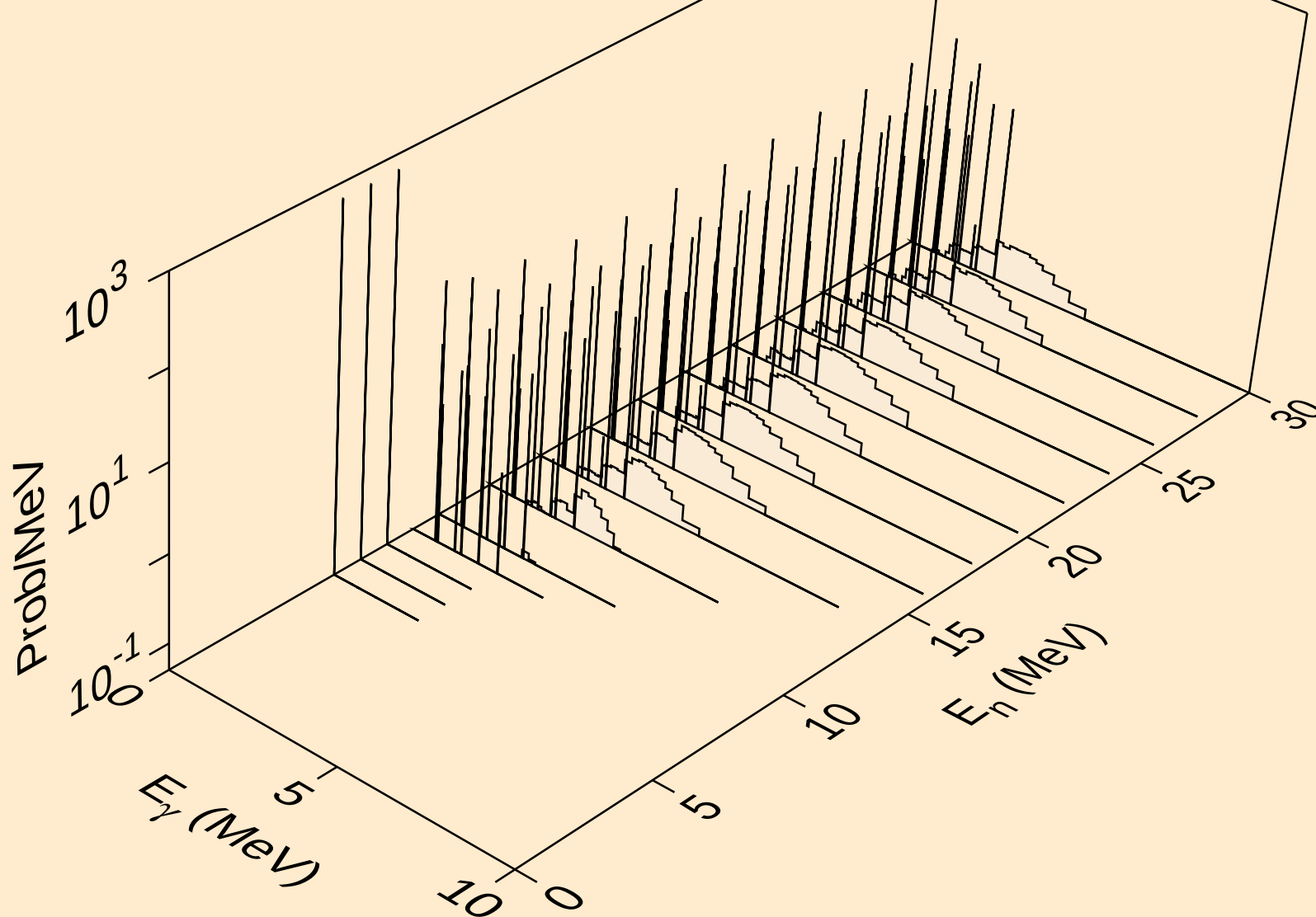
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Photon emission for (n,p)



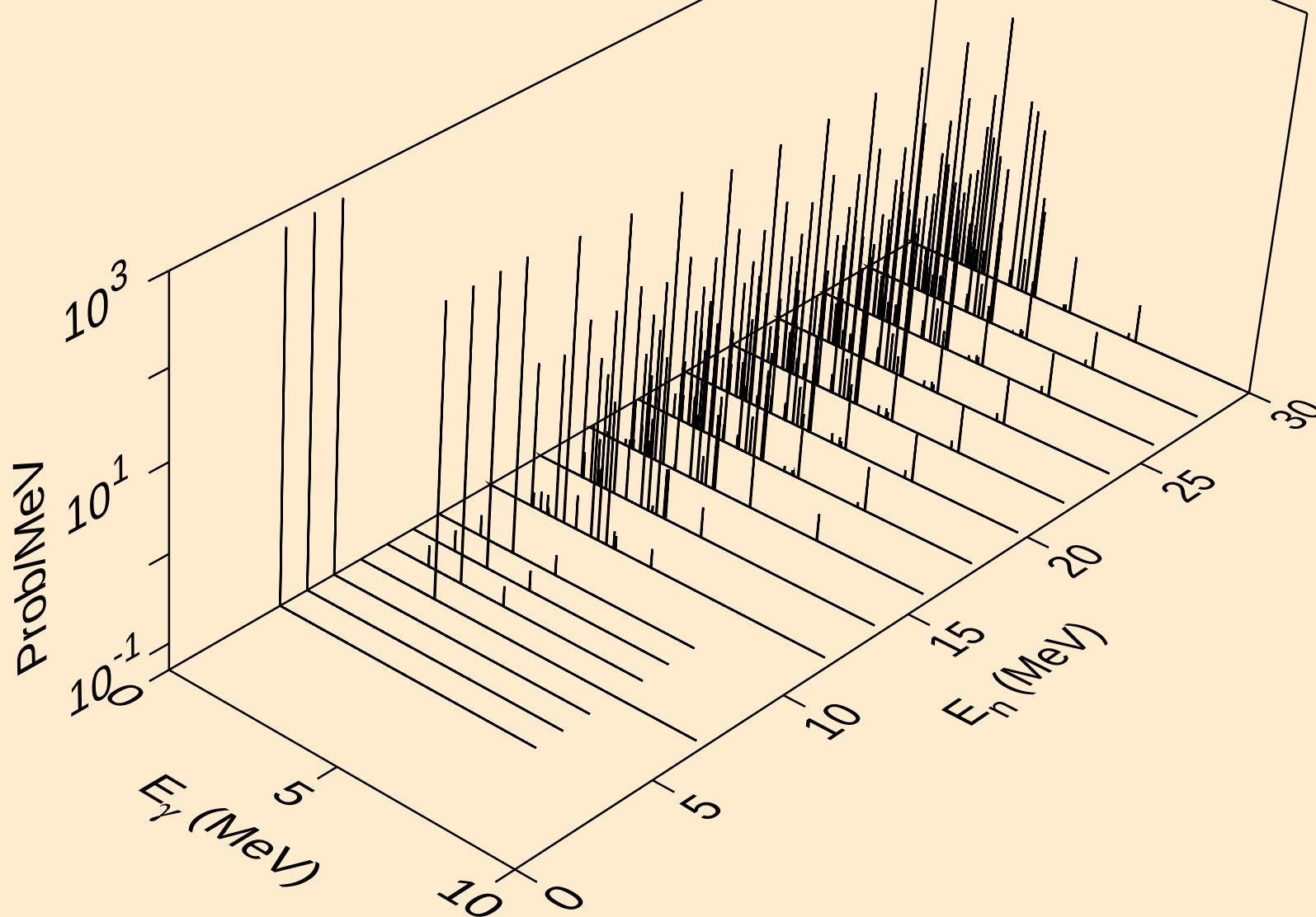
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Photon emission for (n,d)



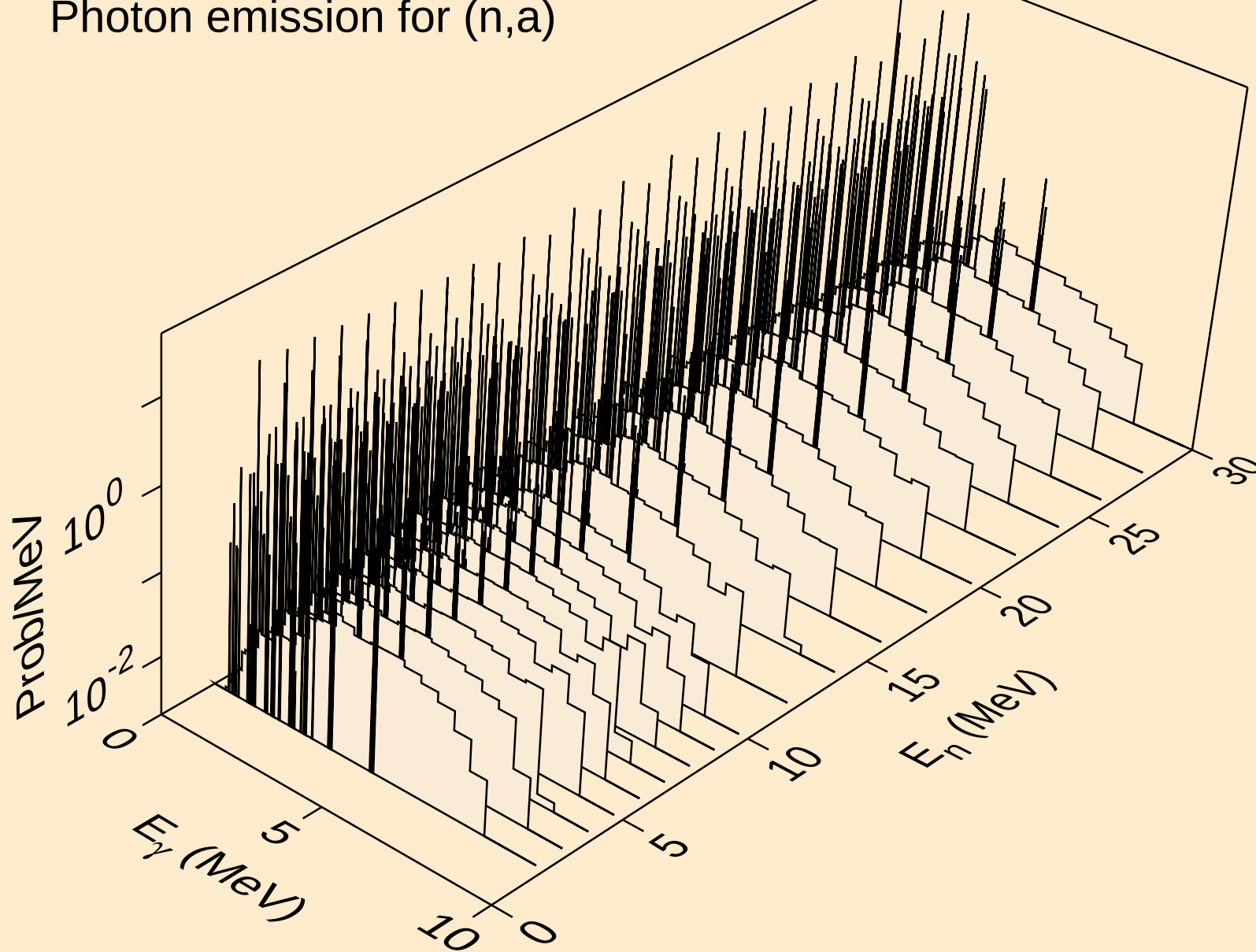
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Photon emission for (n,t)



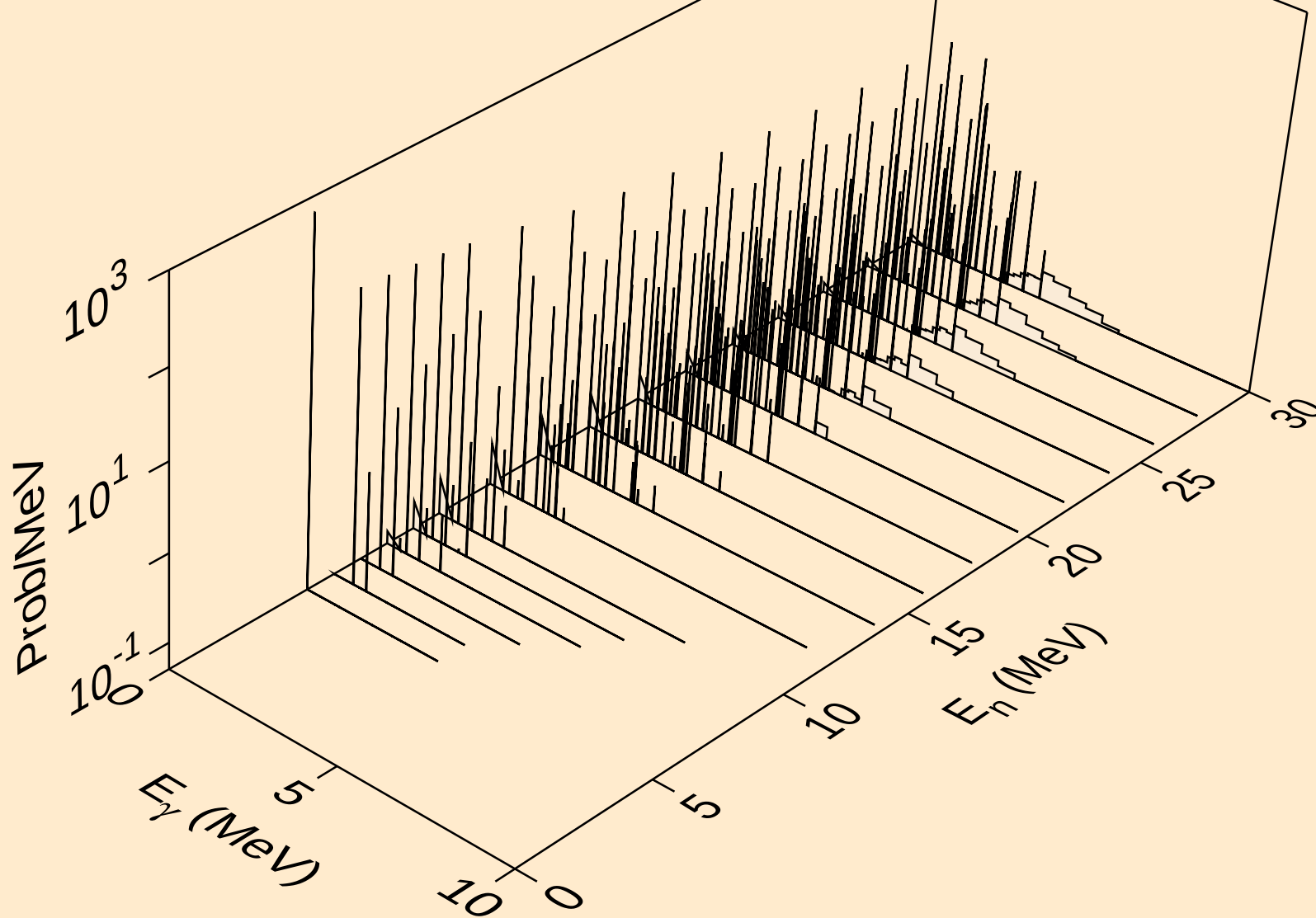
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,a)

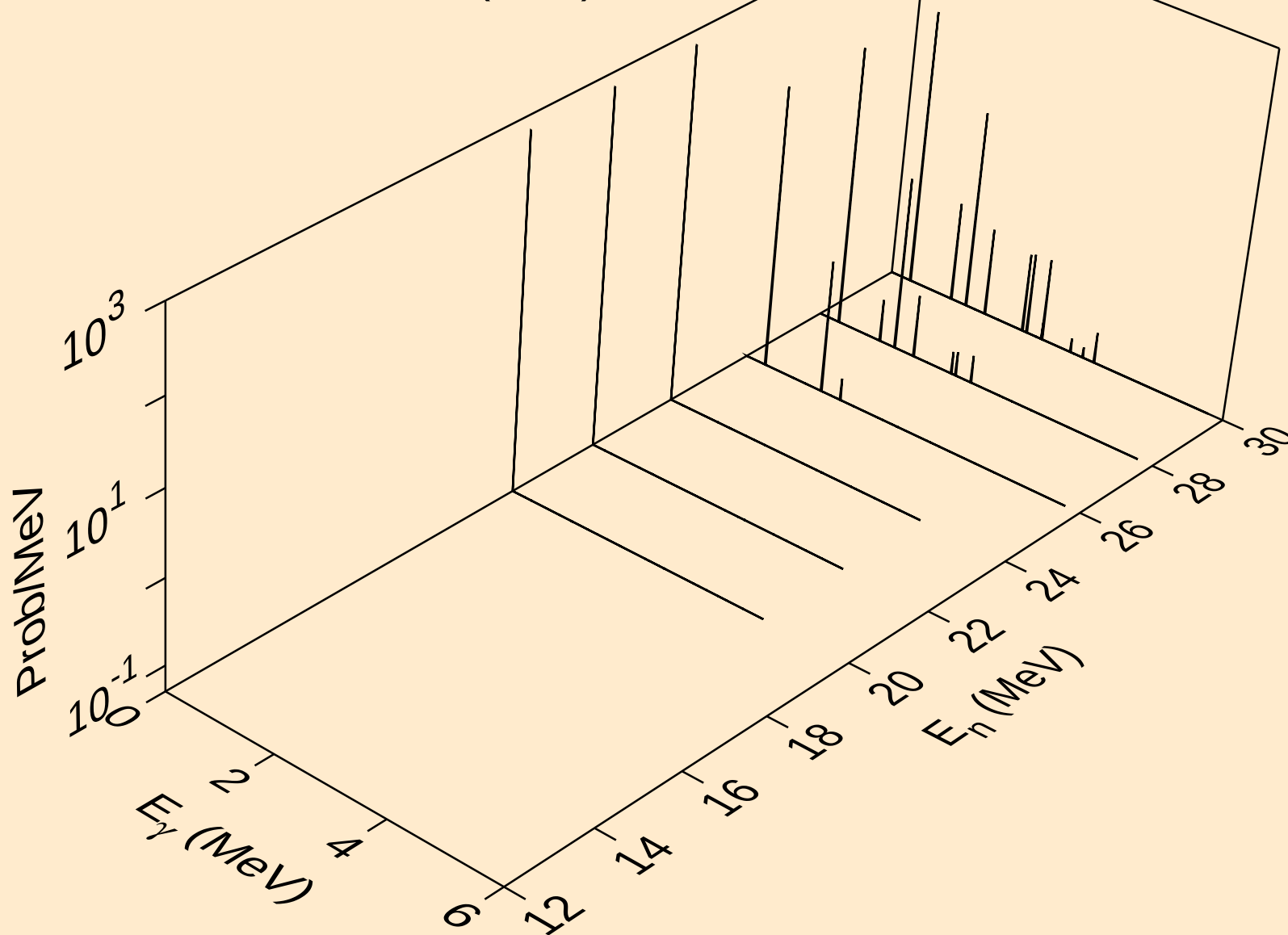


SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)

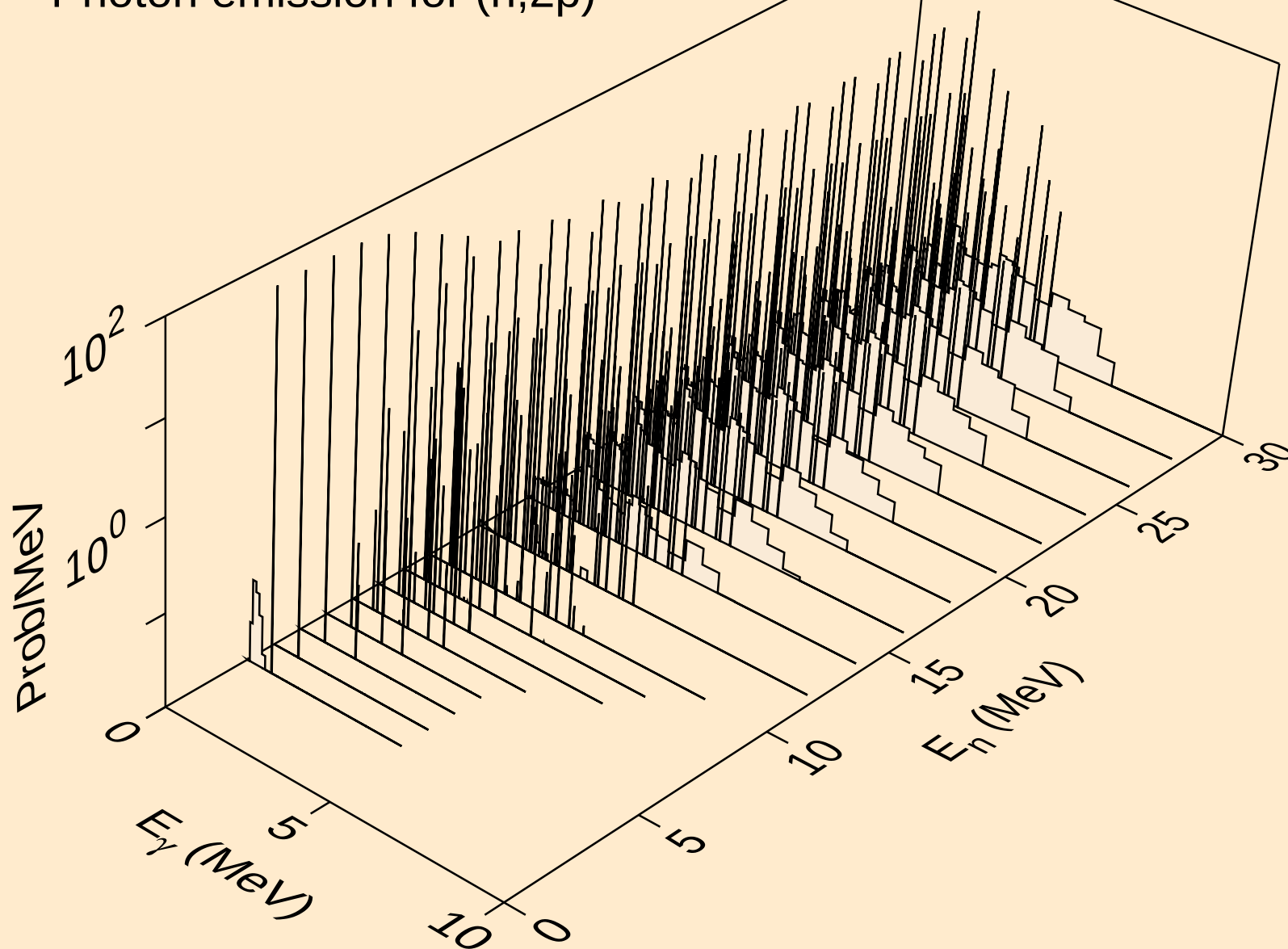


SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K

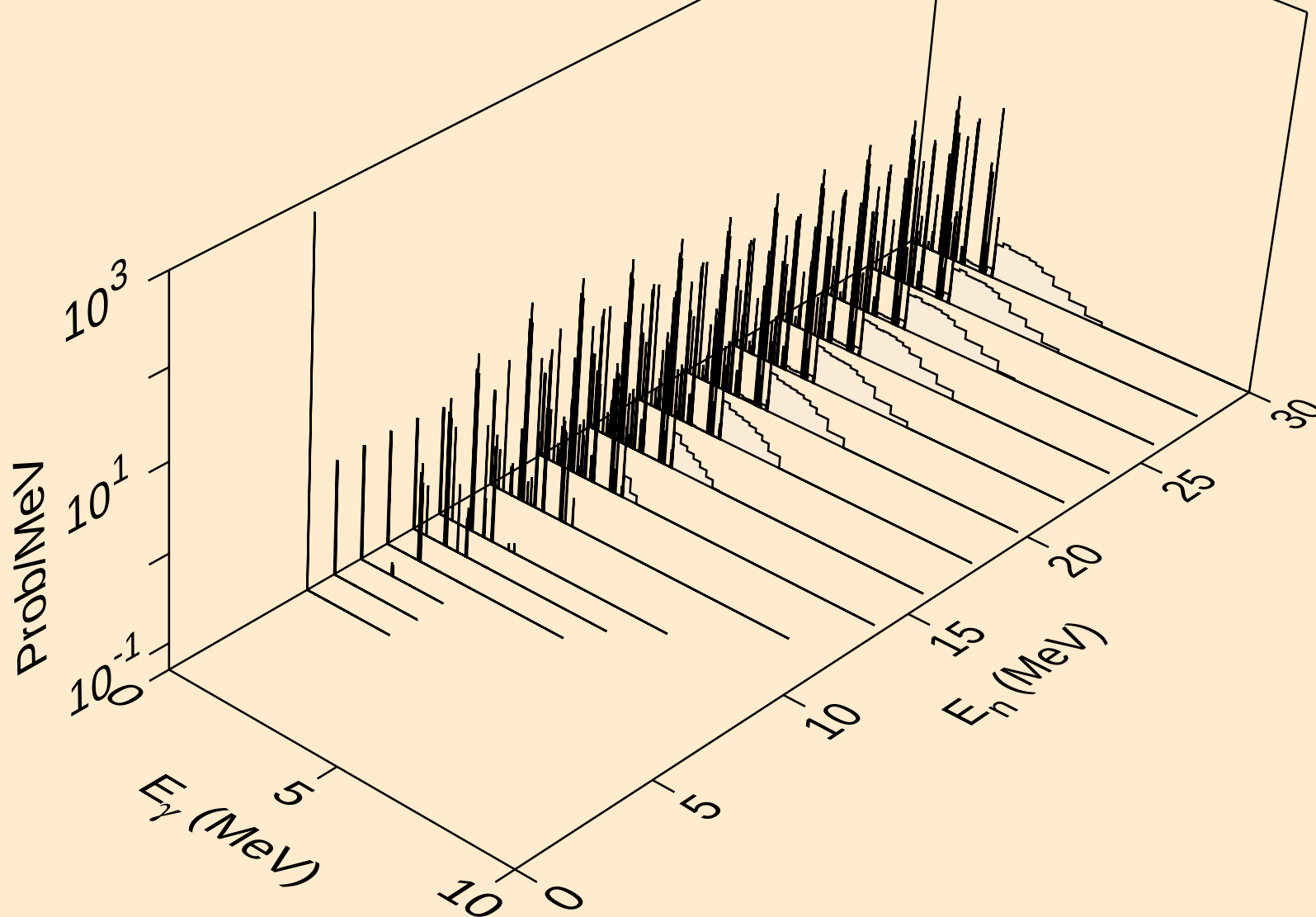
Photon emission for (n,3a)



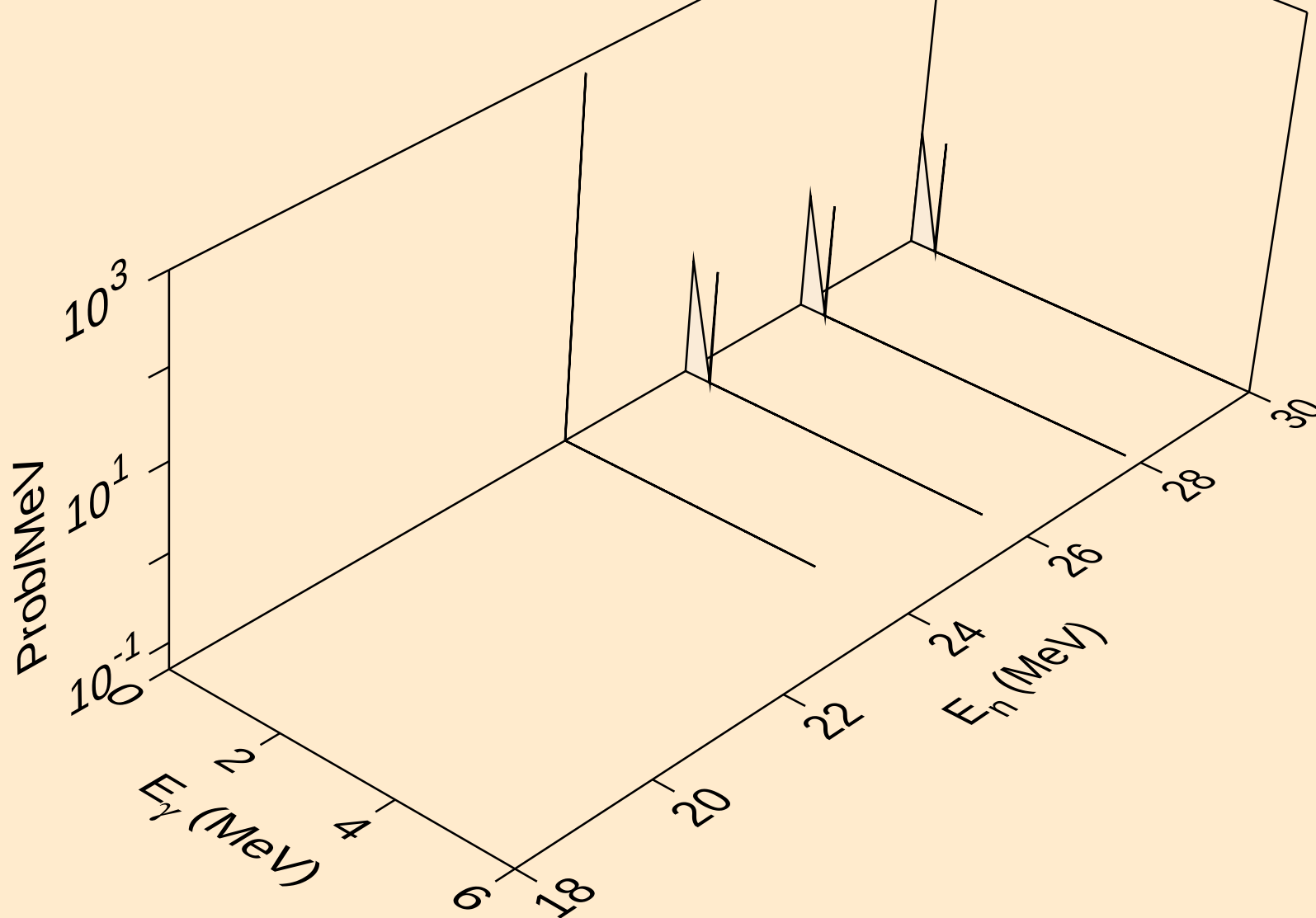
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Photon emission for (n,2p)



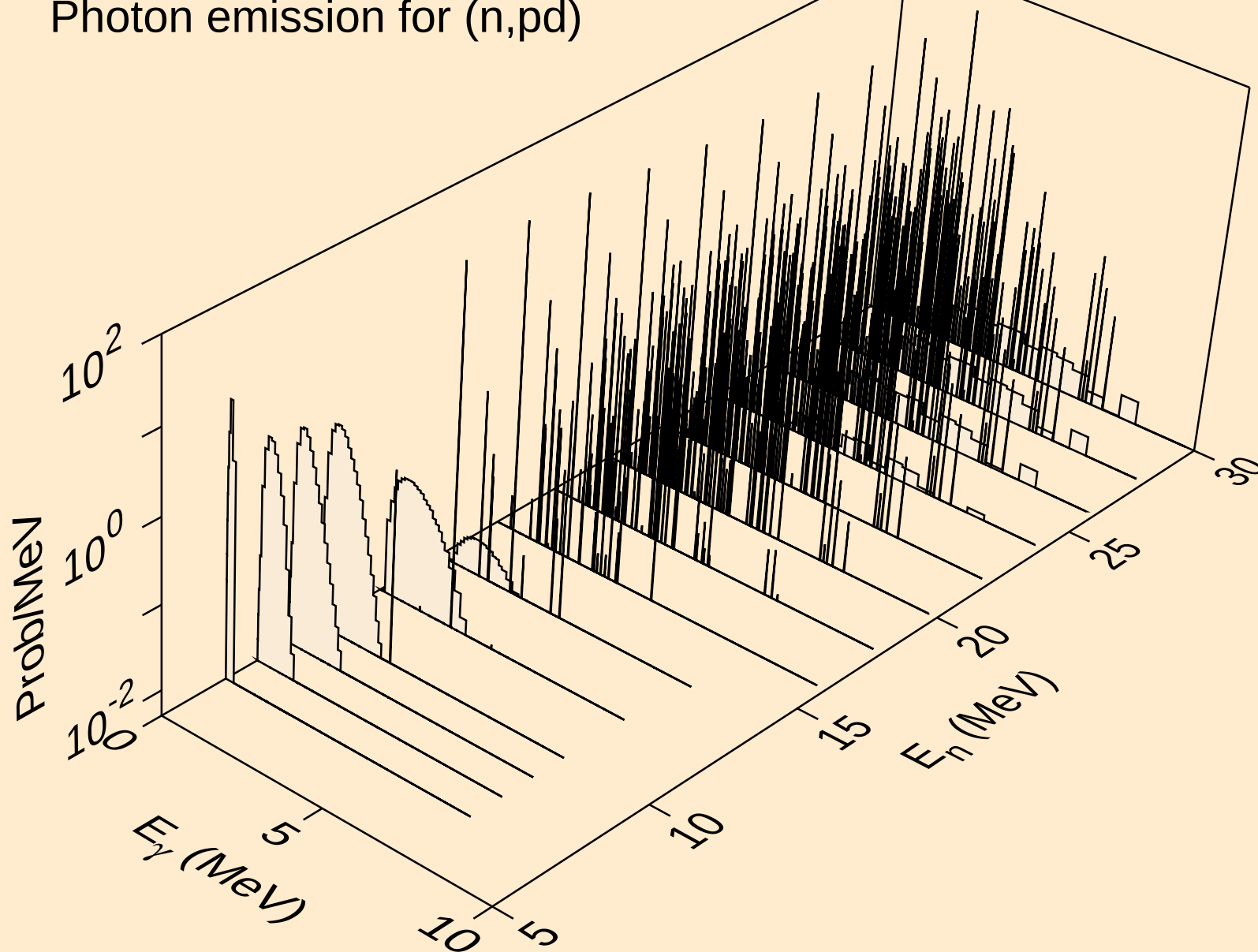
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p α)



SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d2a)

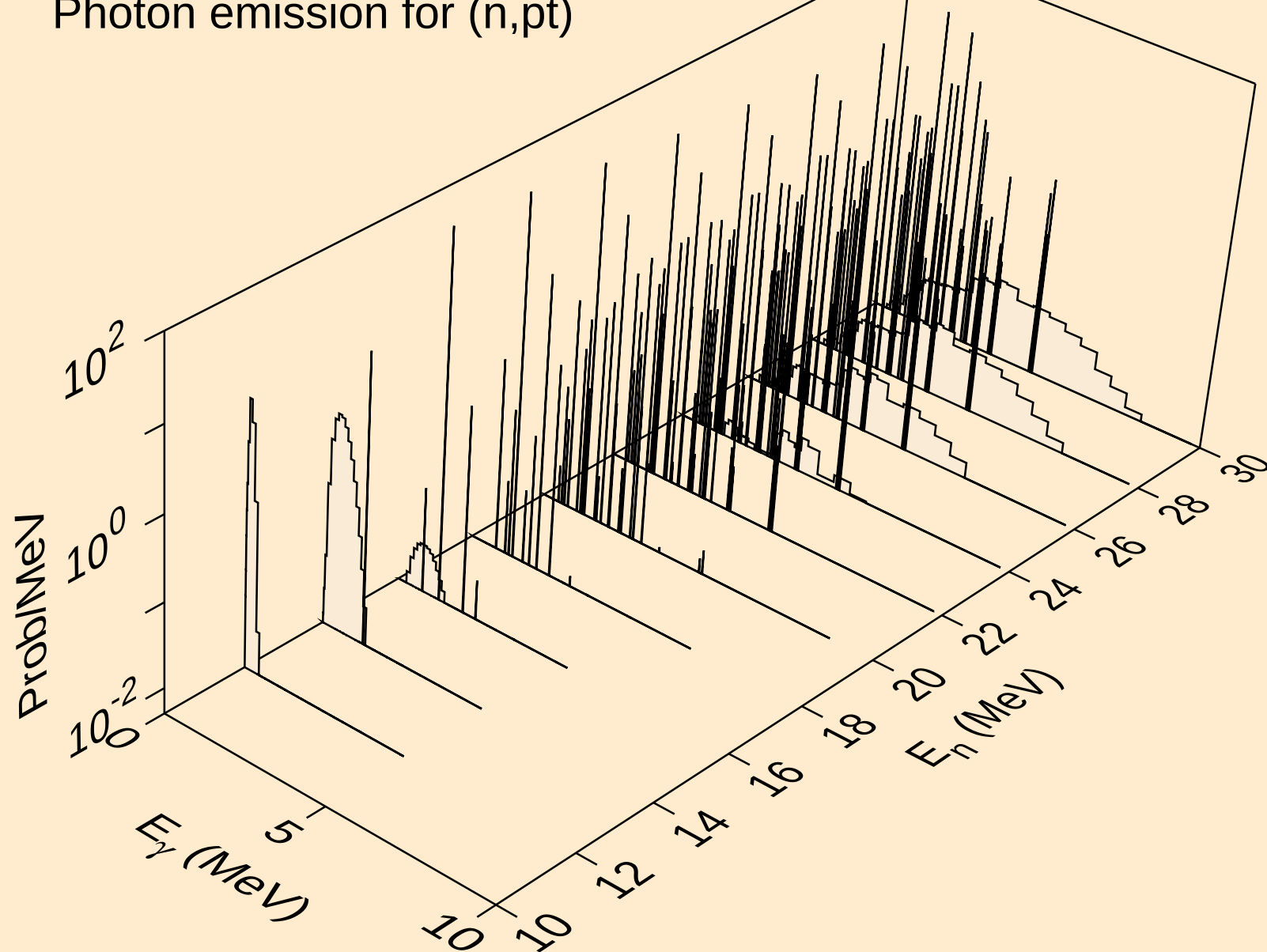


SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pd)

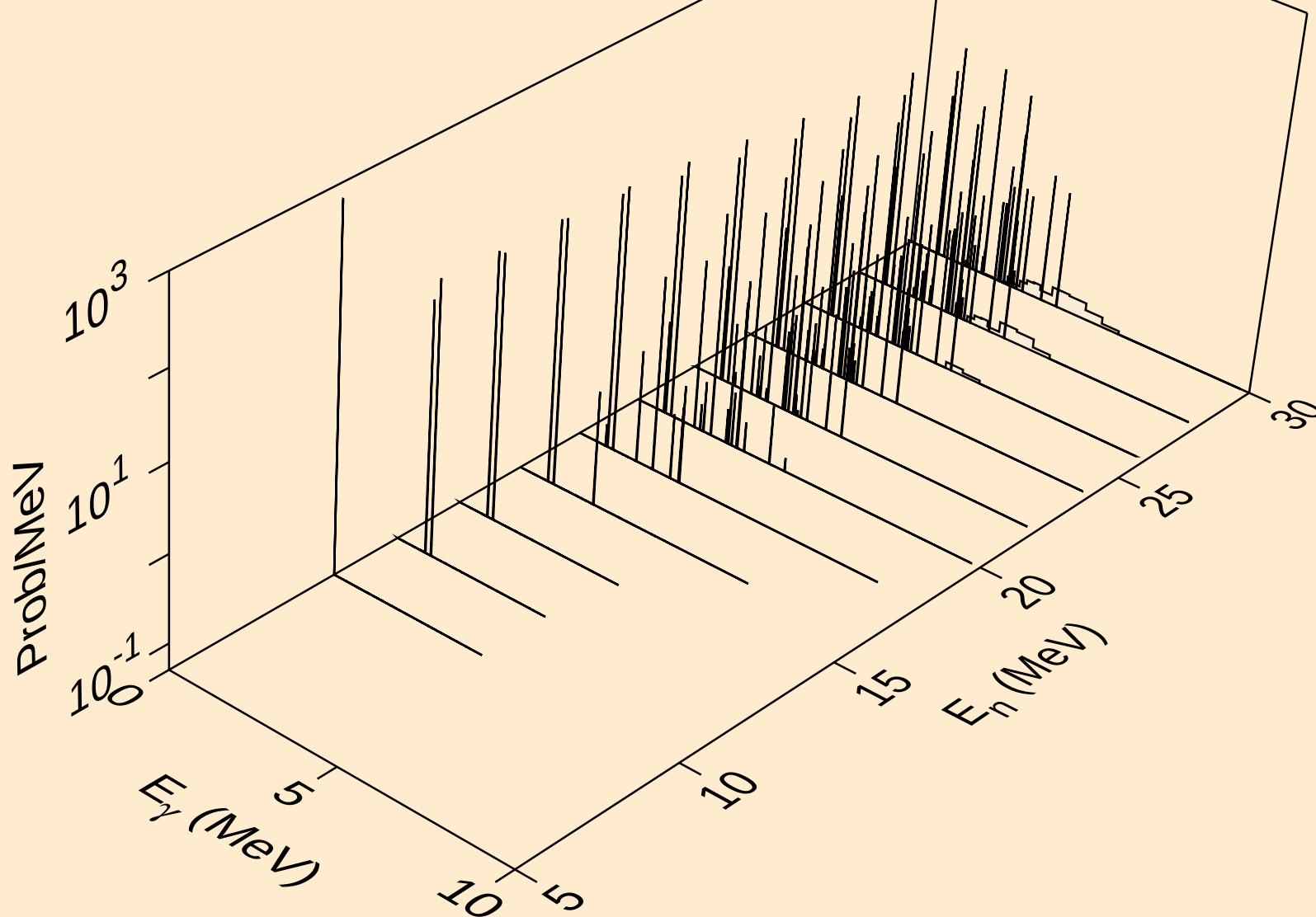


SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,pt)

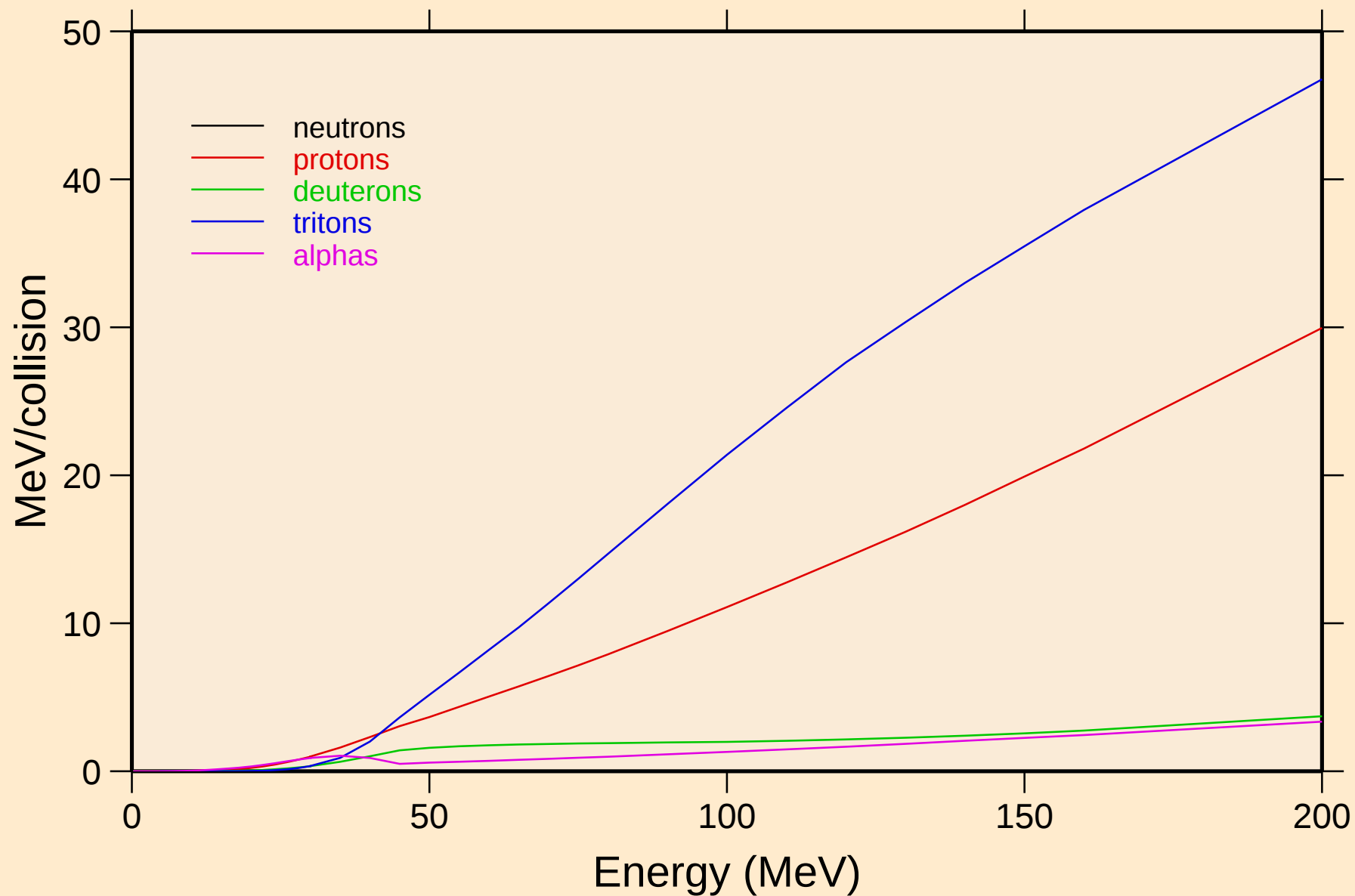


SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,da)



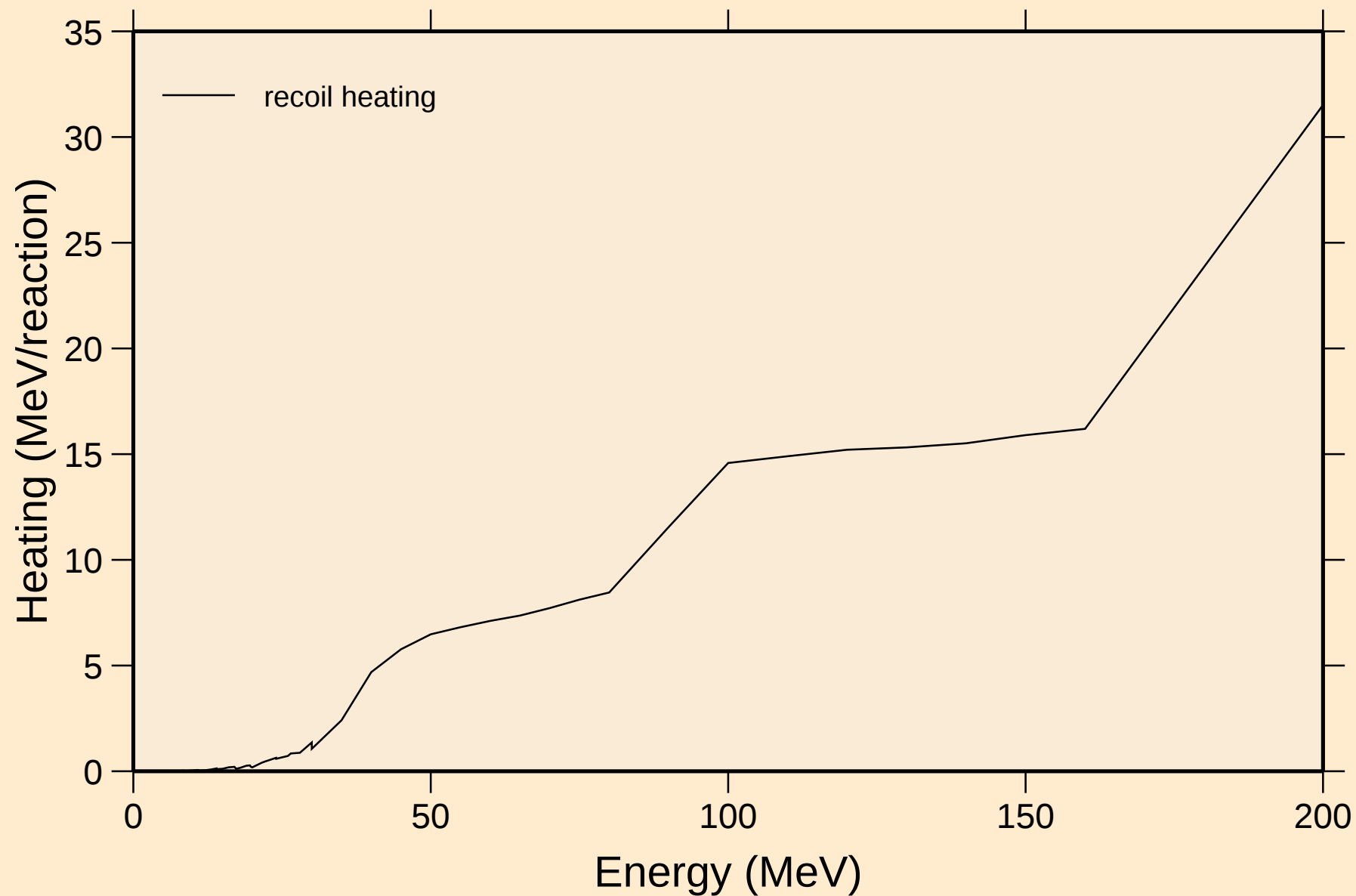
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K

Particle heating contributions



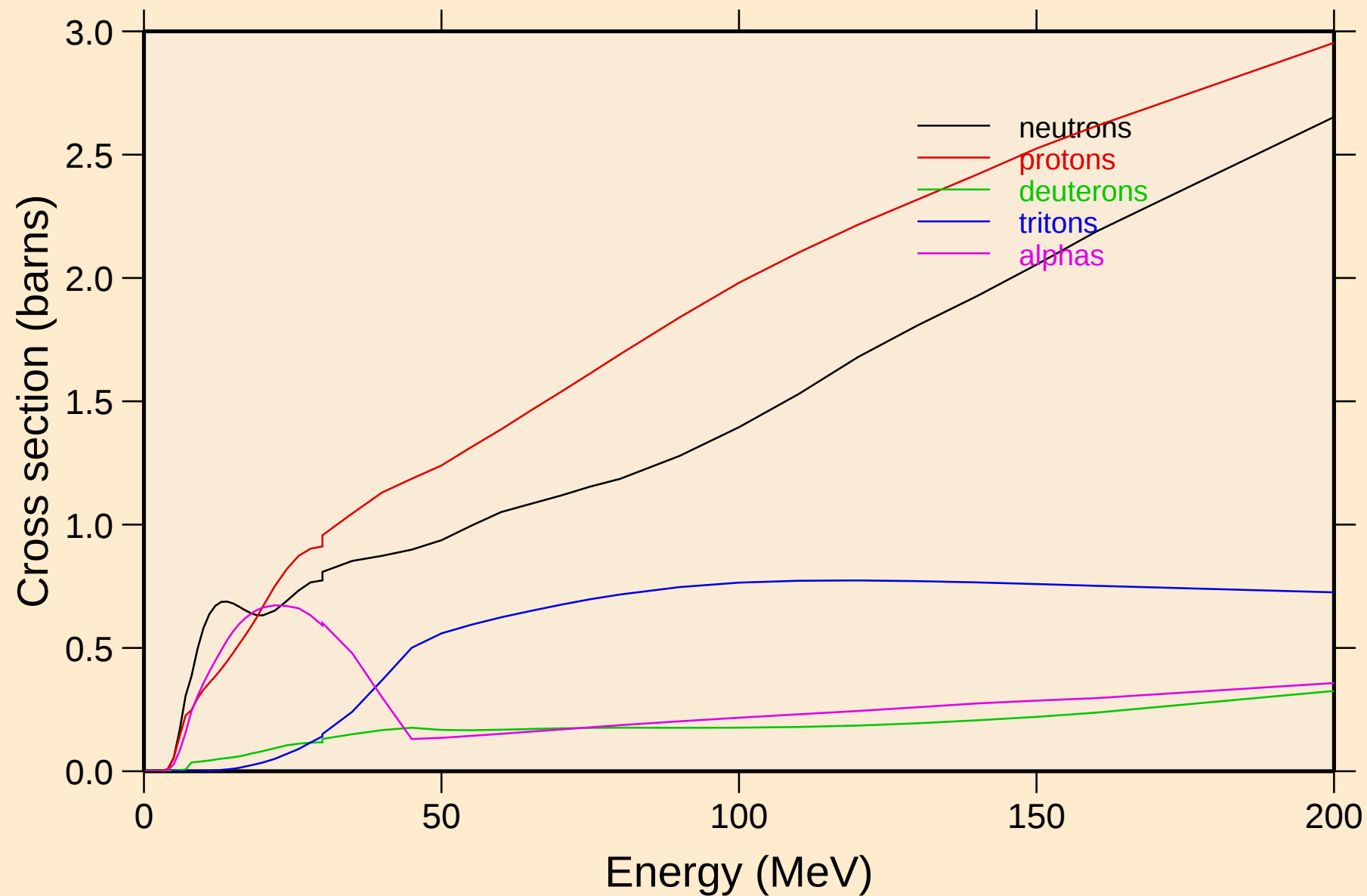
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

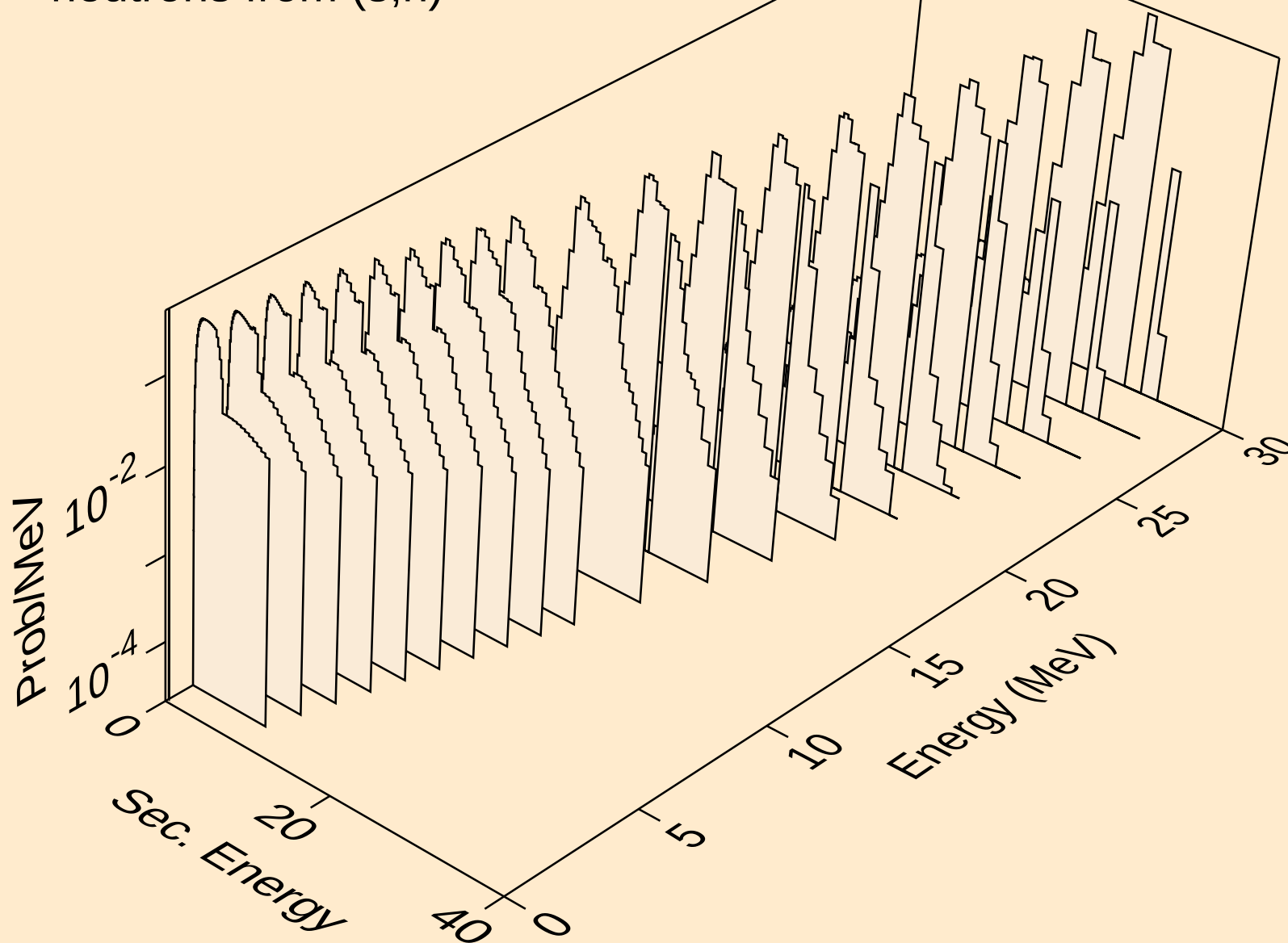


SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K

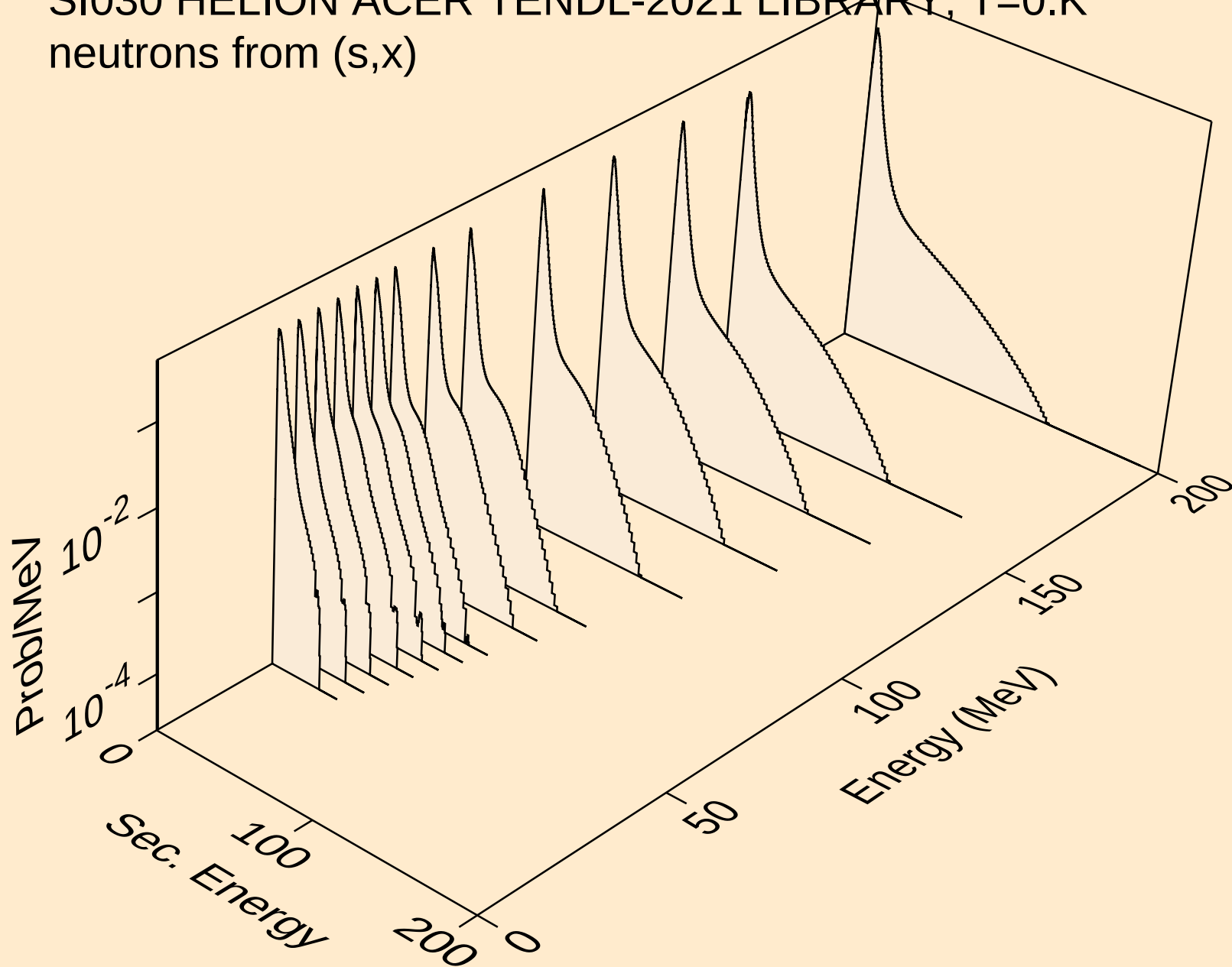
Particle production cross sections



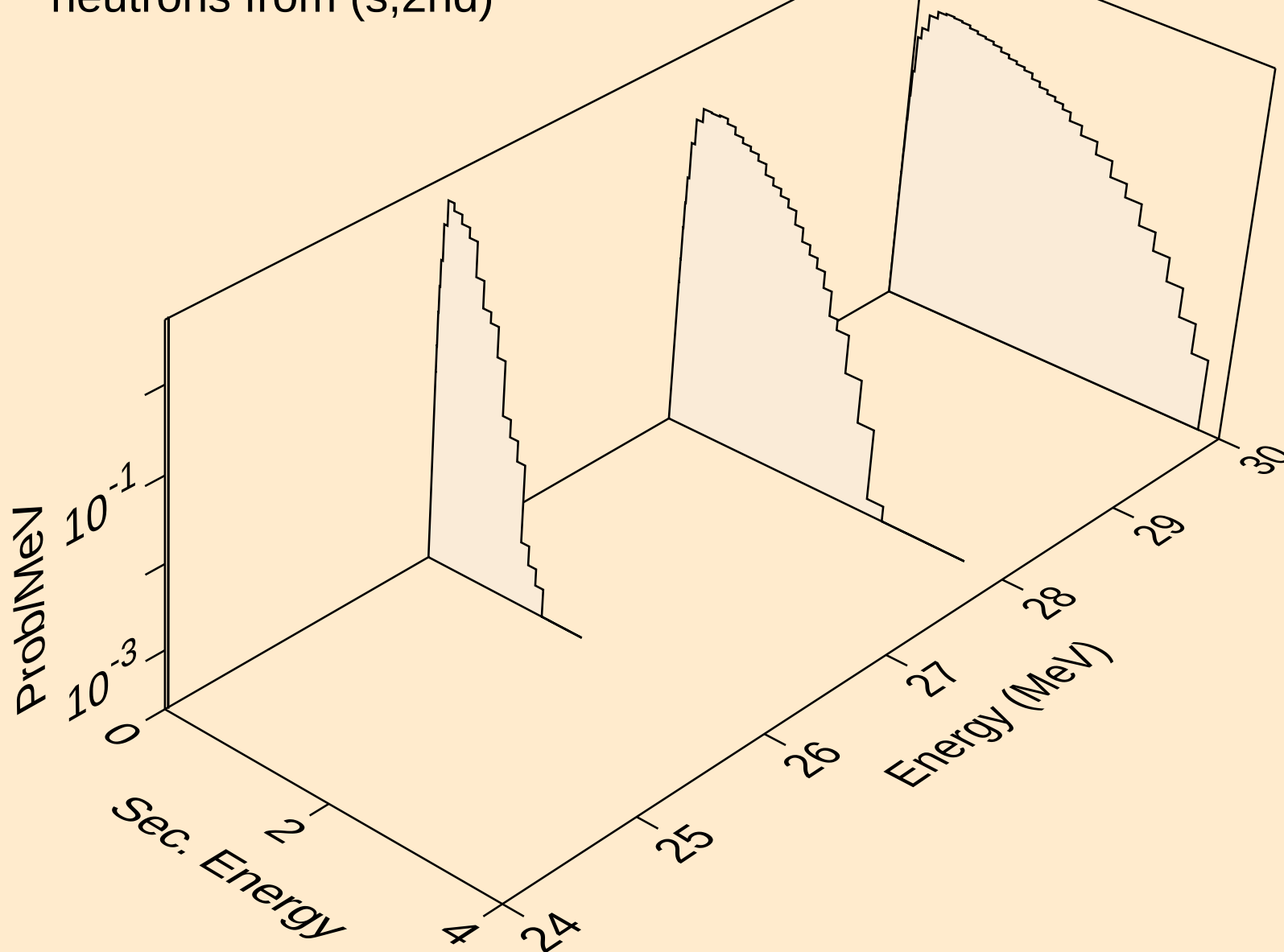
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,n)



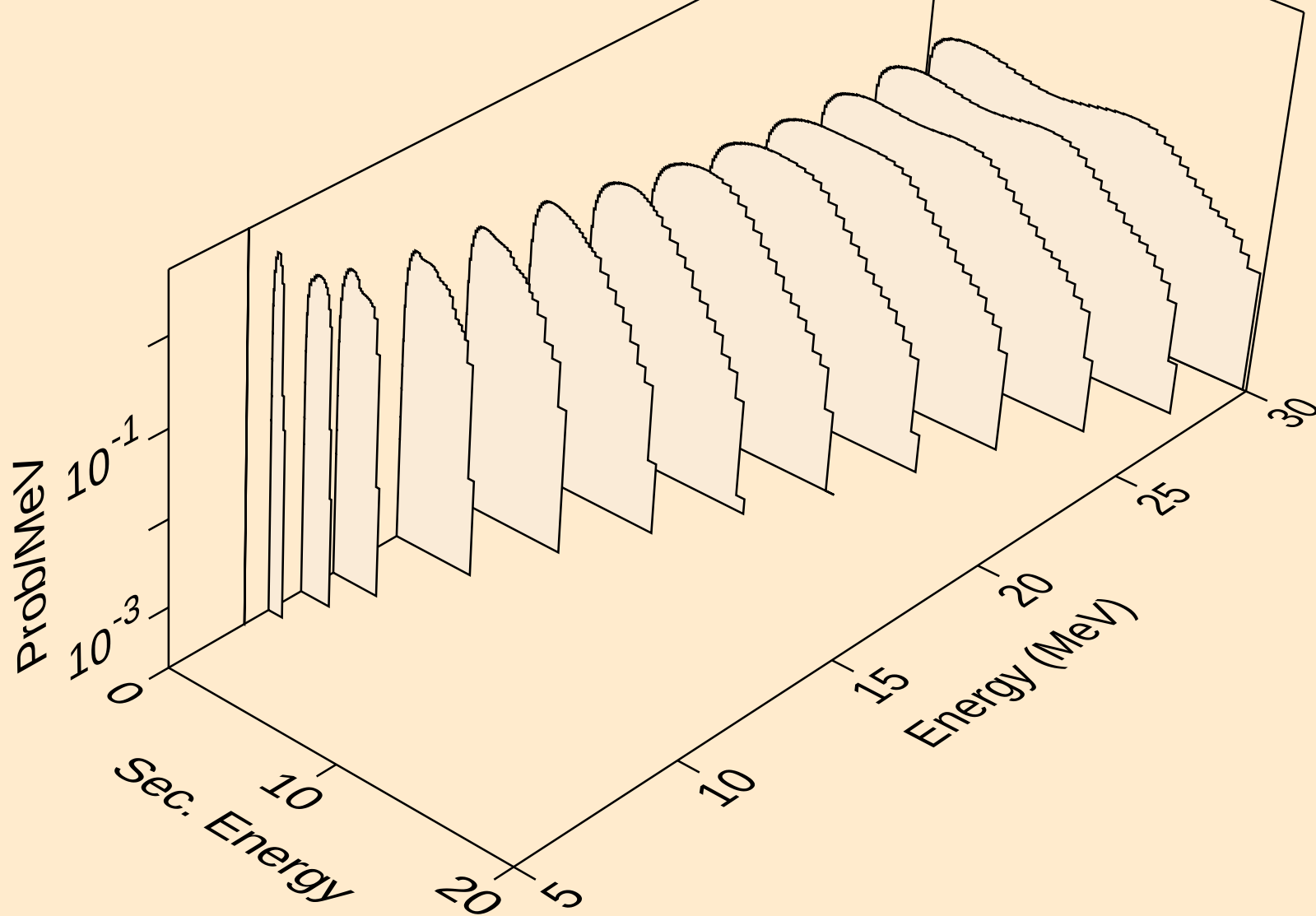
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neutrons from (s,x)



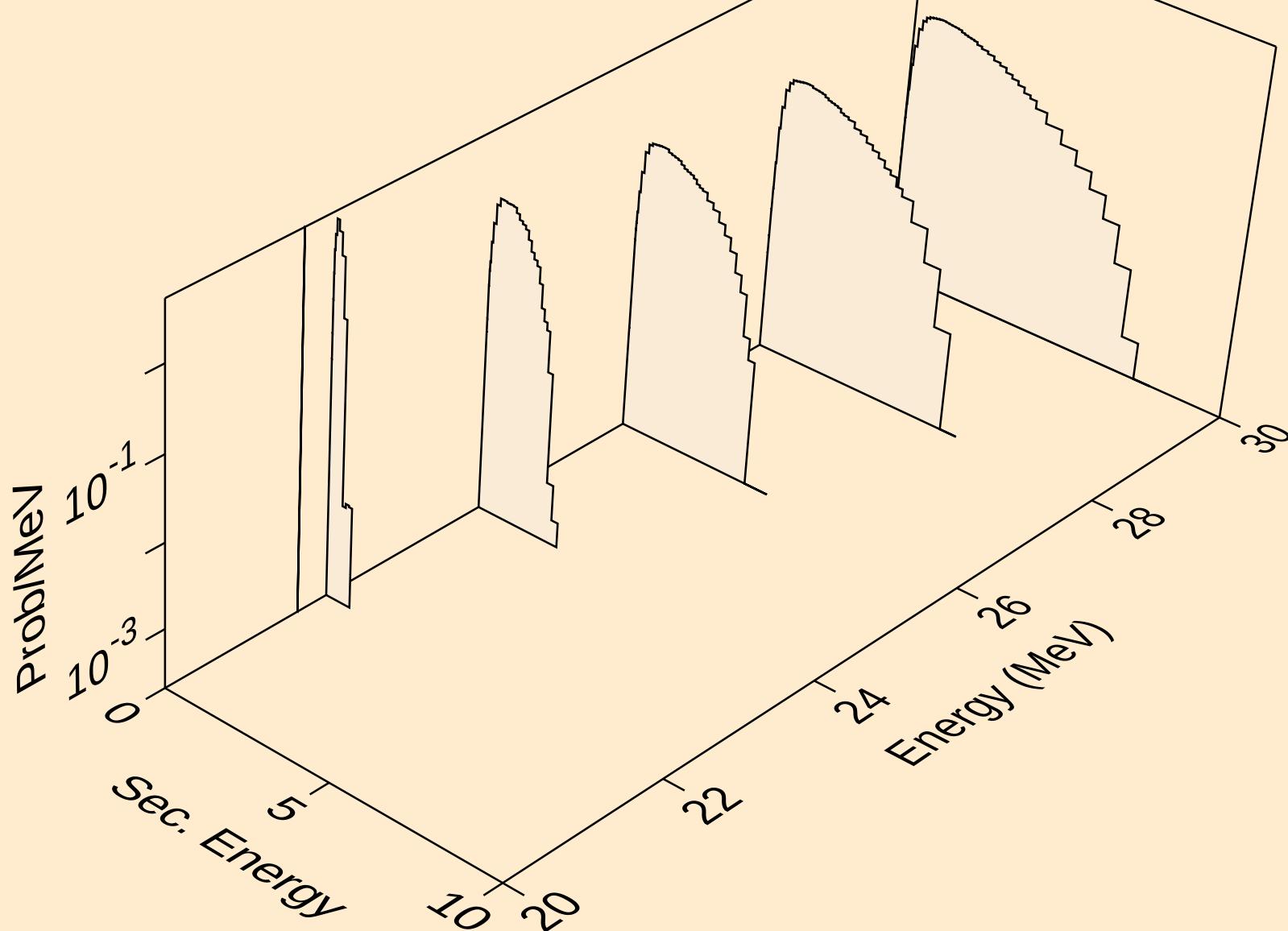
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neutrons from (s,2nd)



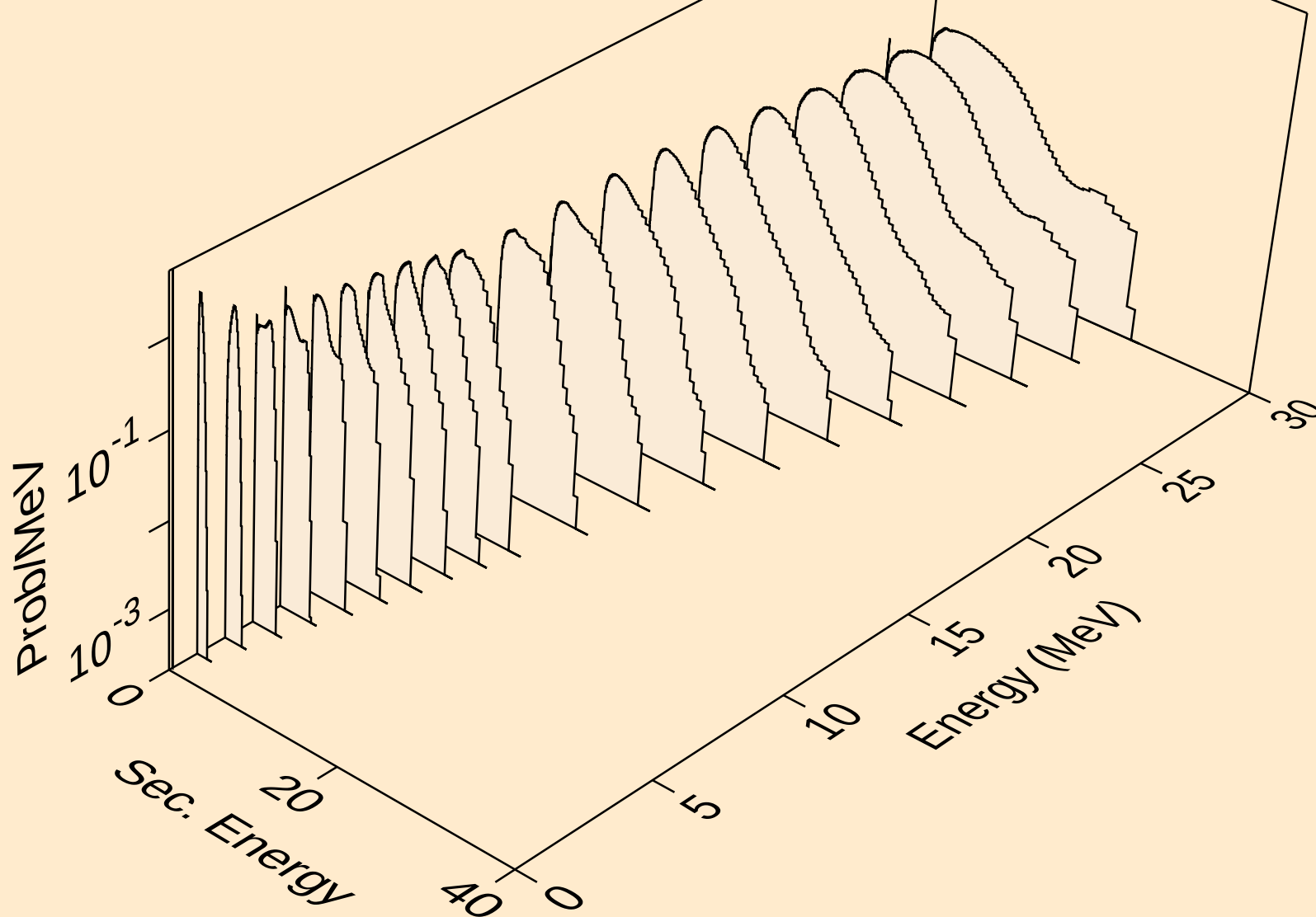
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neutrons from (s,2n)



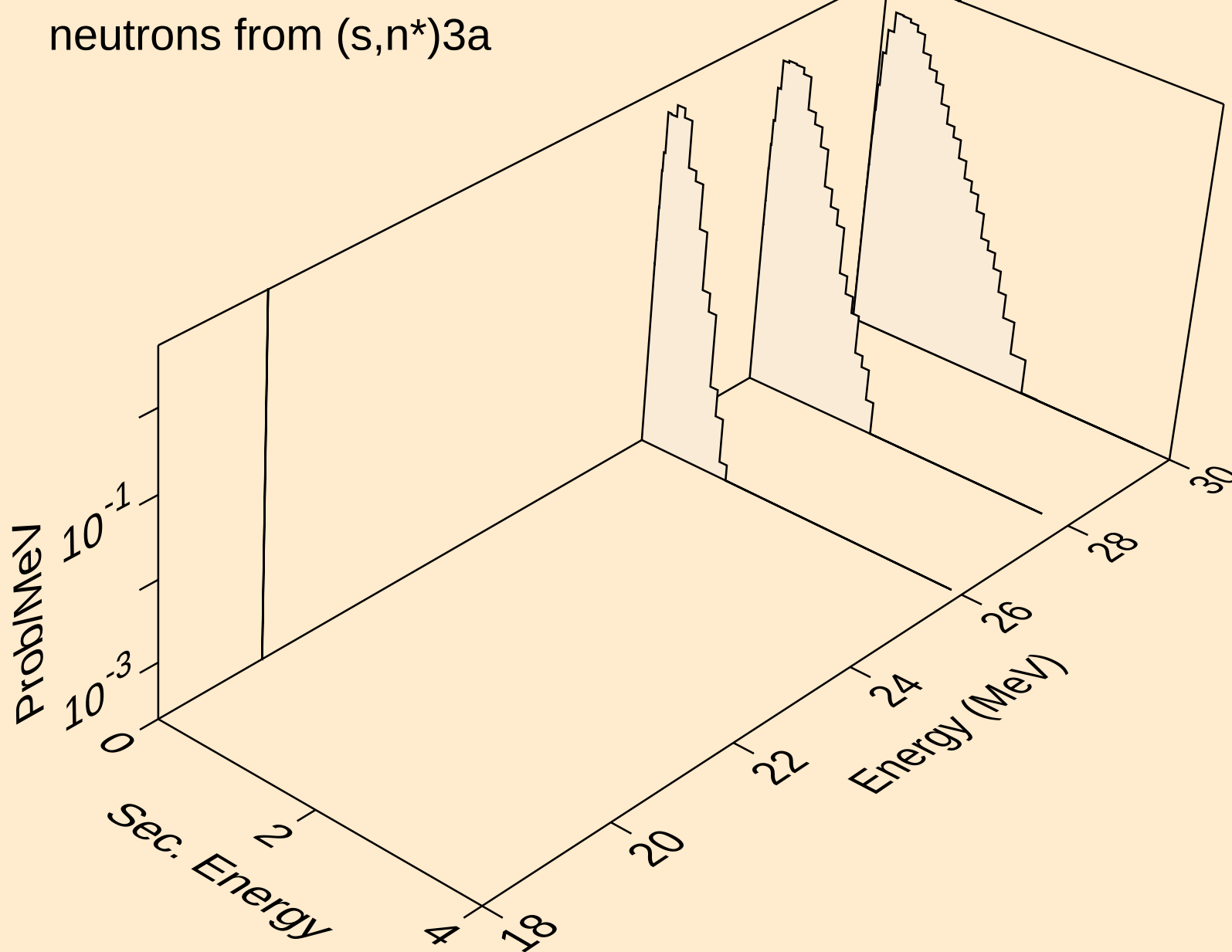
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neutrons from (s,3n)



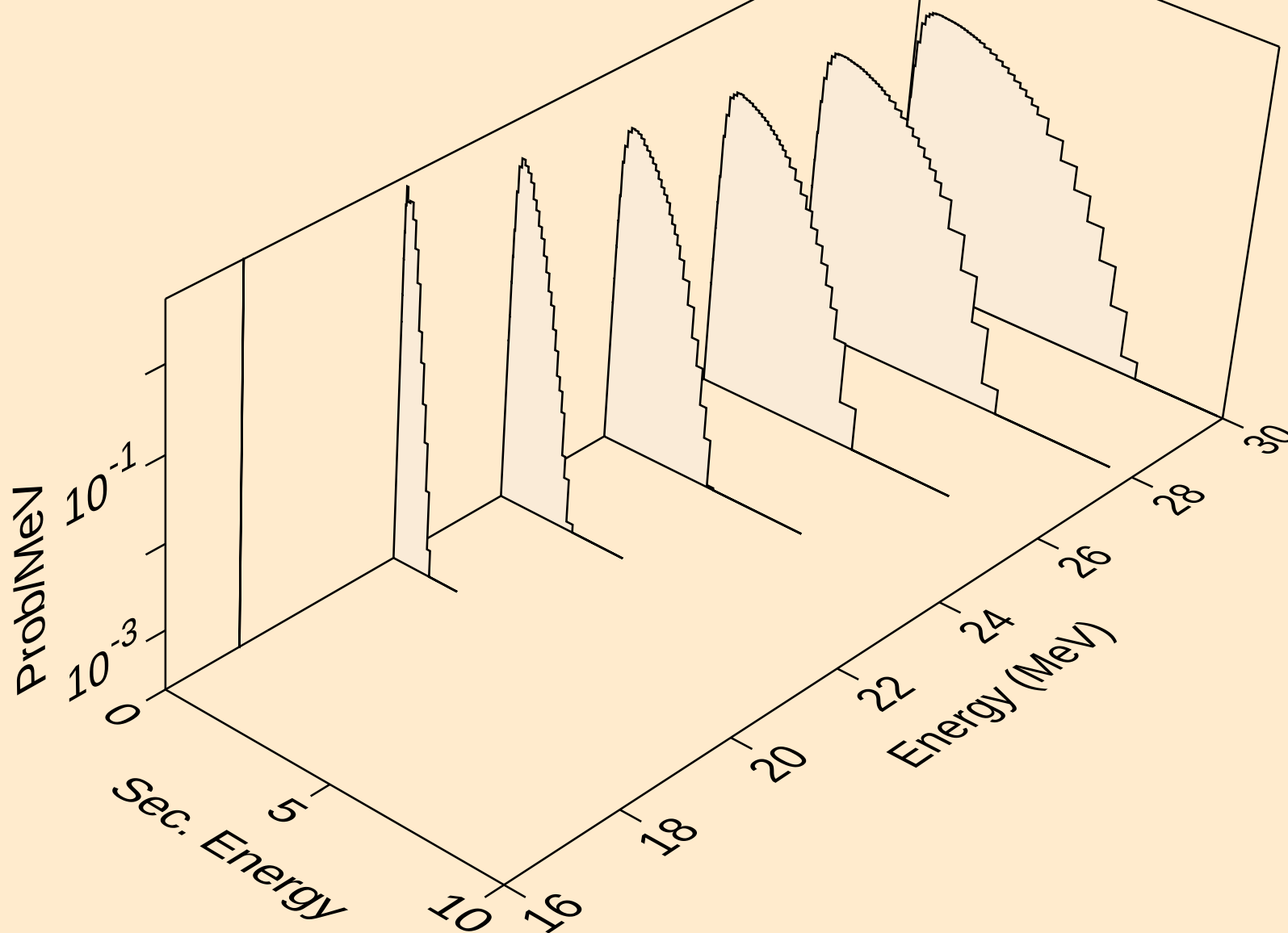
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,n*)a



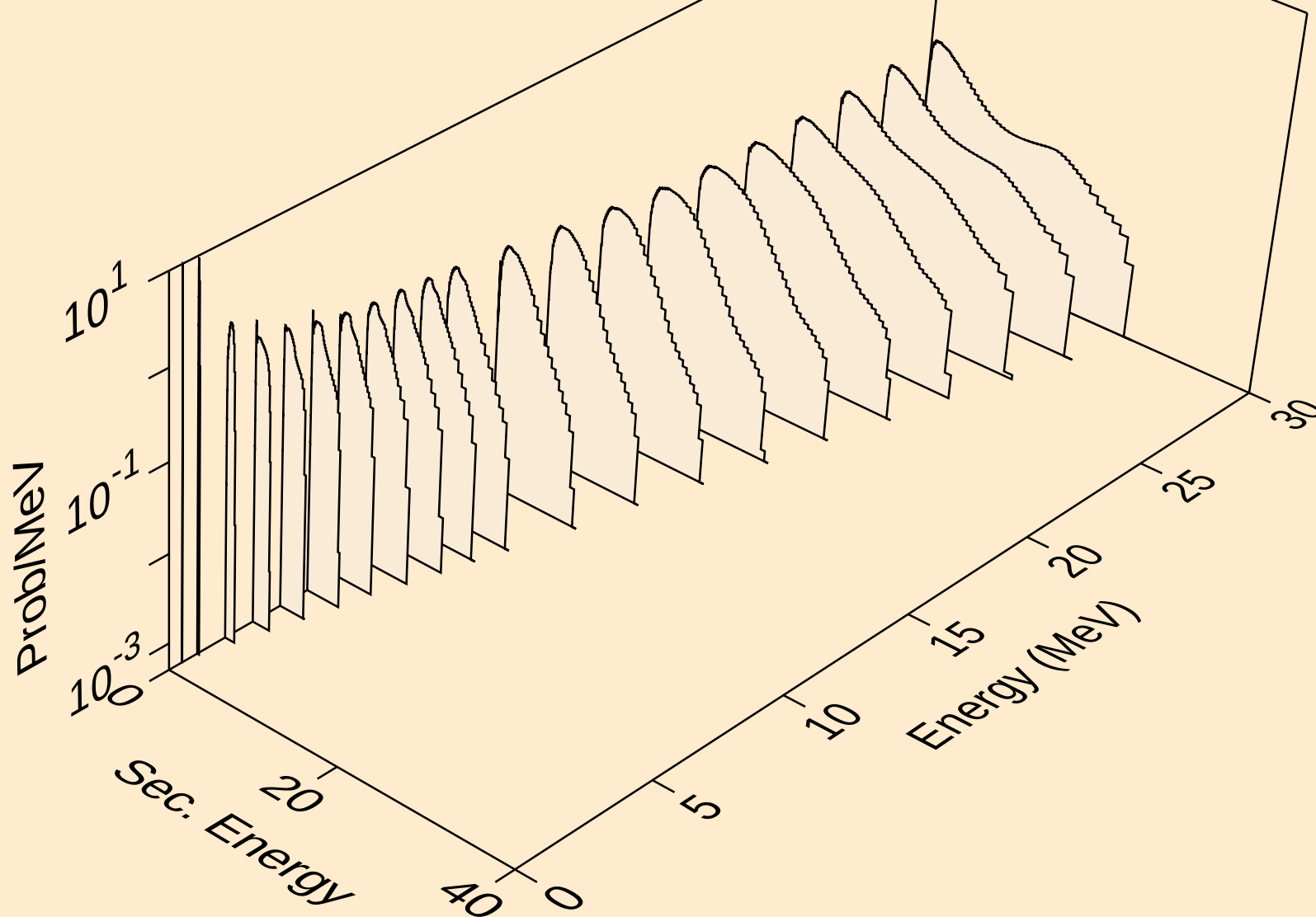
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neutrons from (s,n*)3a



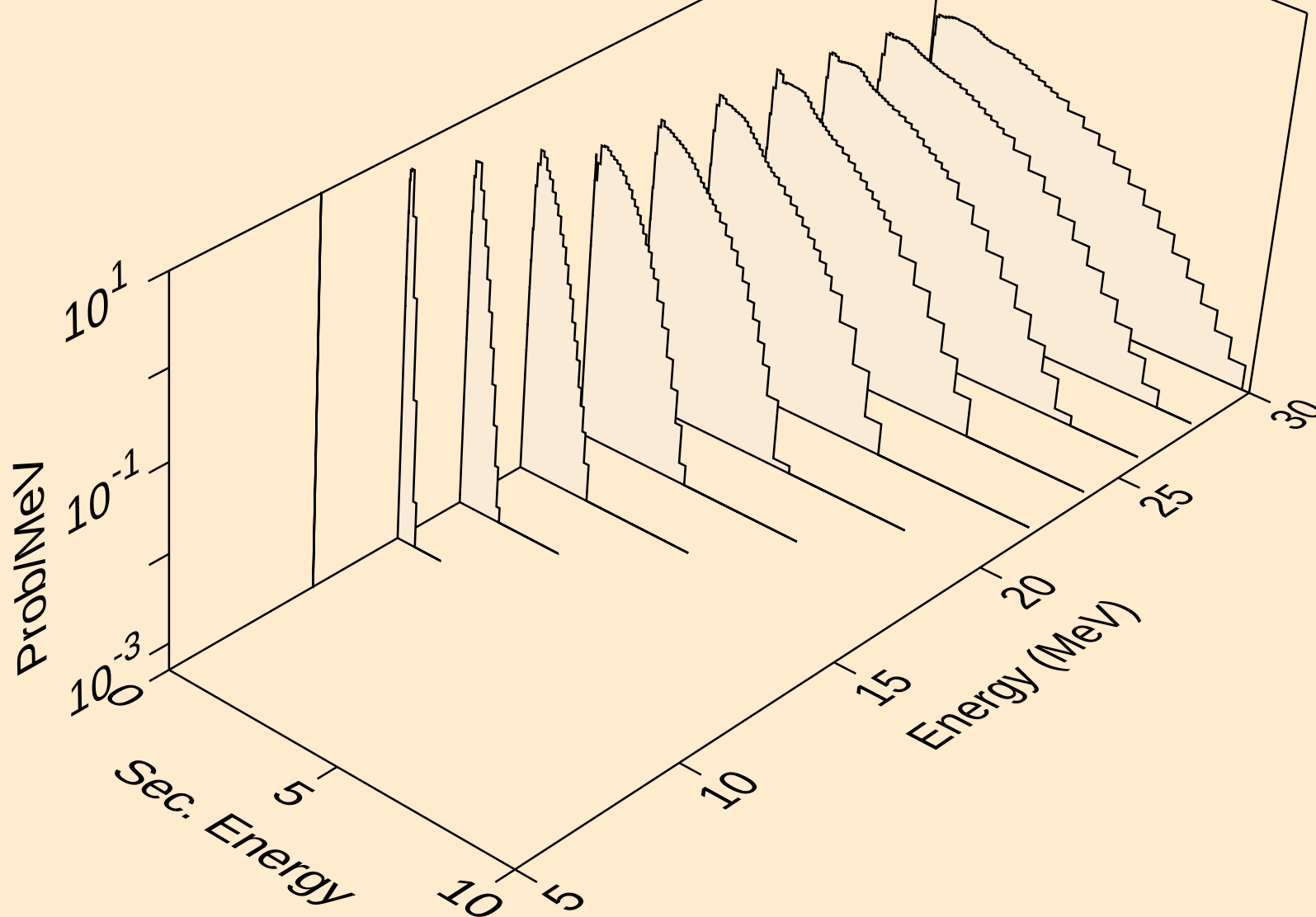
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,2n)a



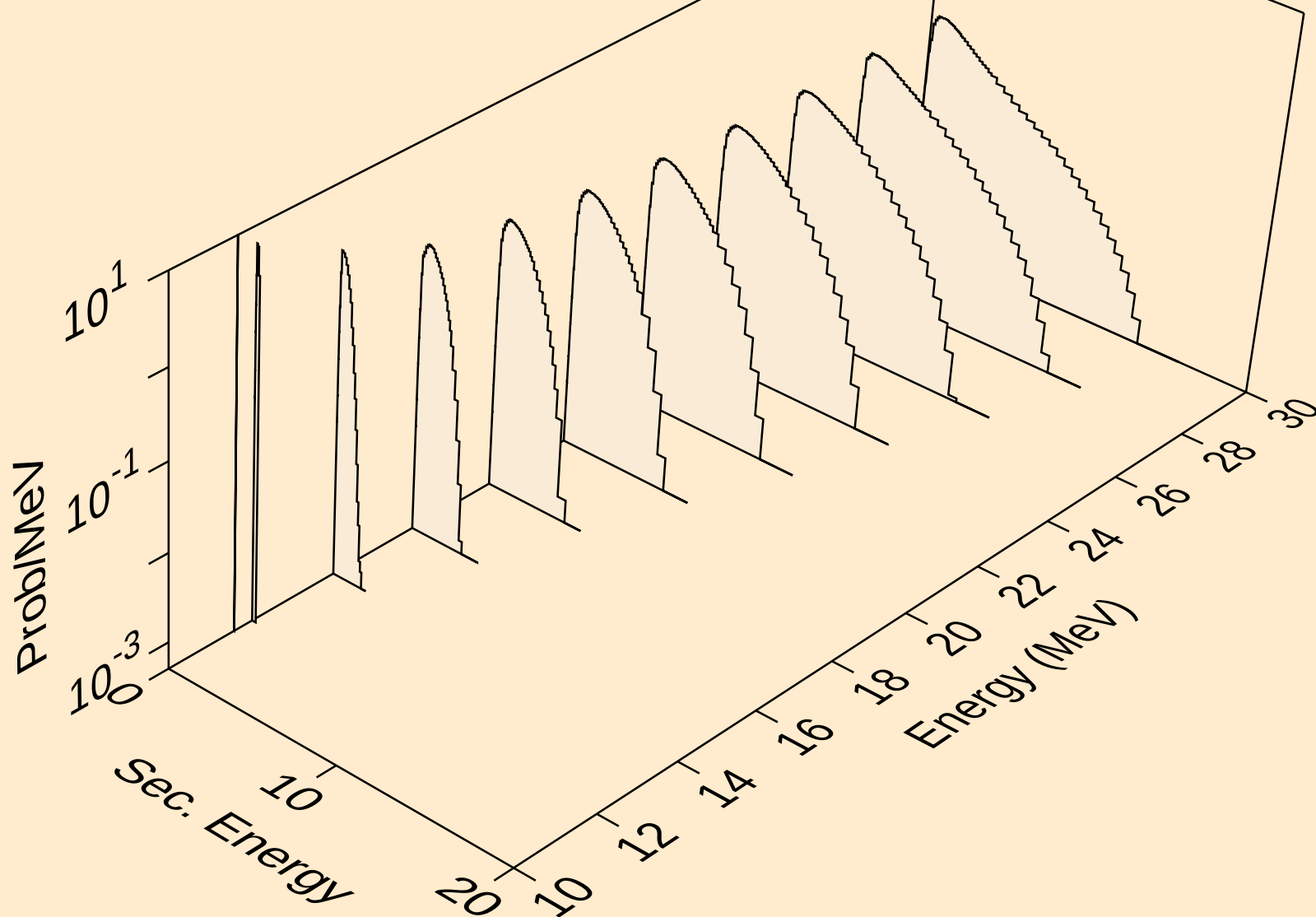
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neutrons from (s,n*)p



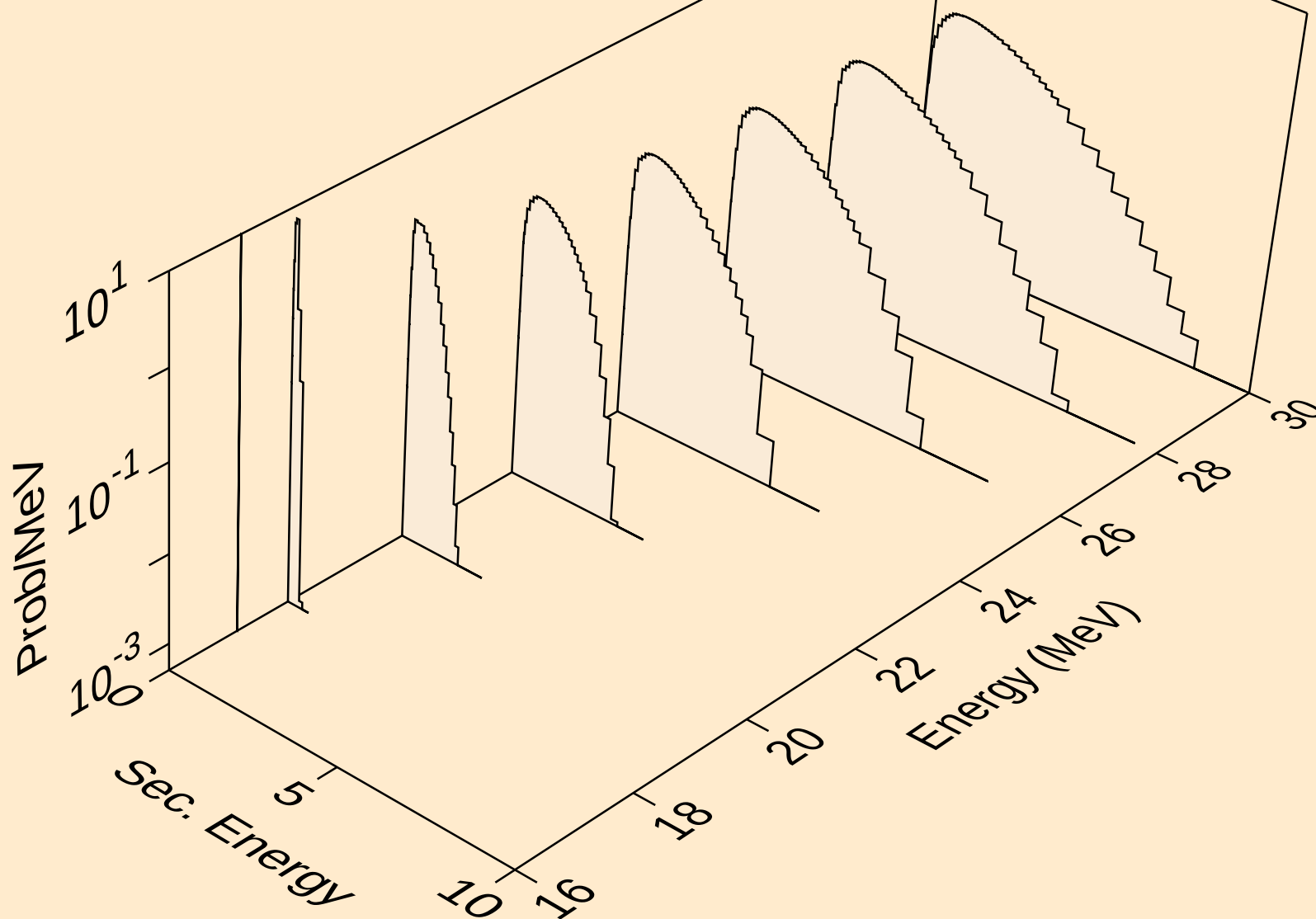
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neutrons from (s,n*)2a



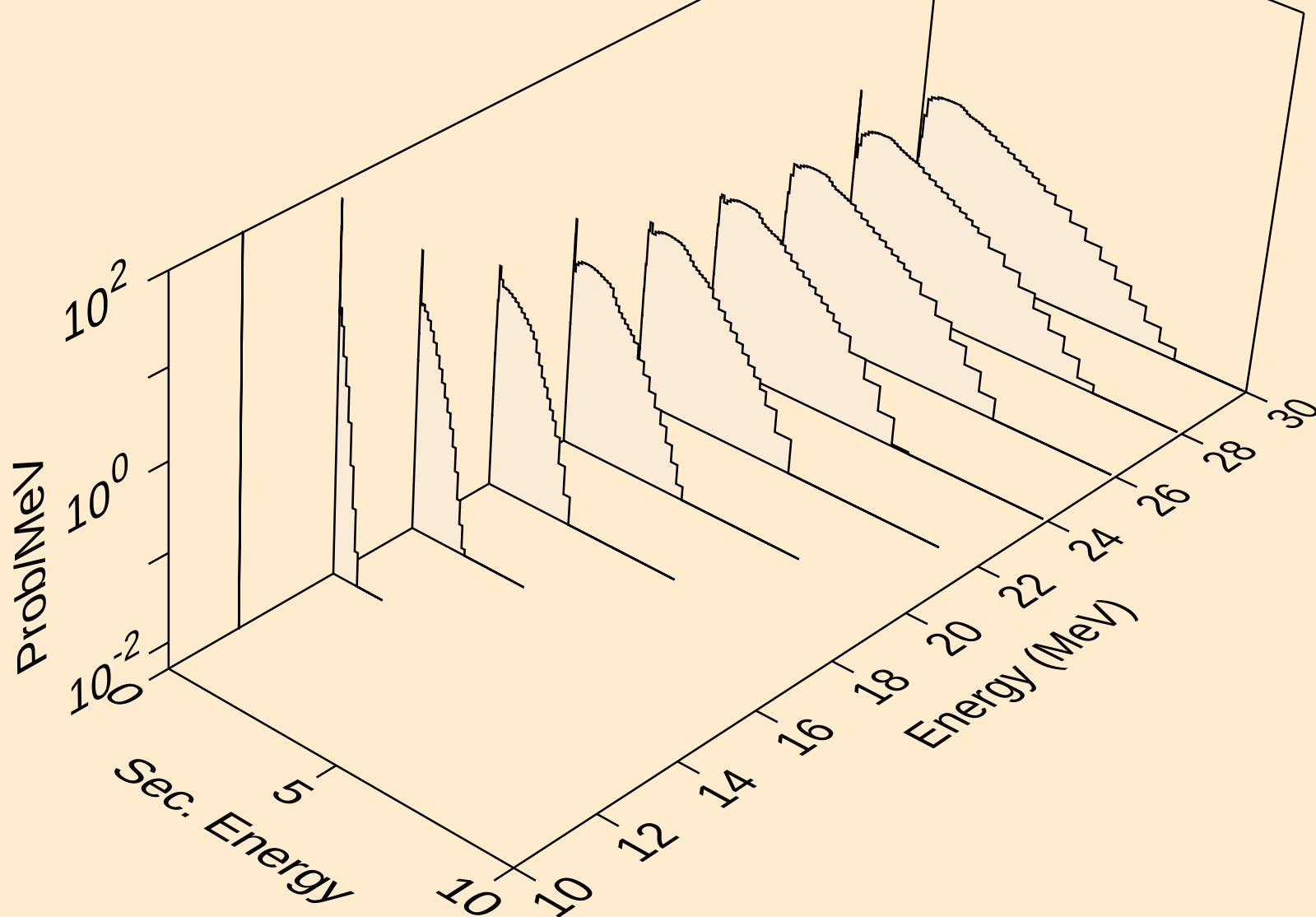
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neutrons from (s,n*)d



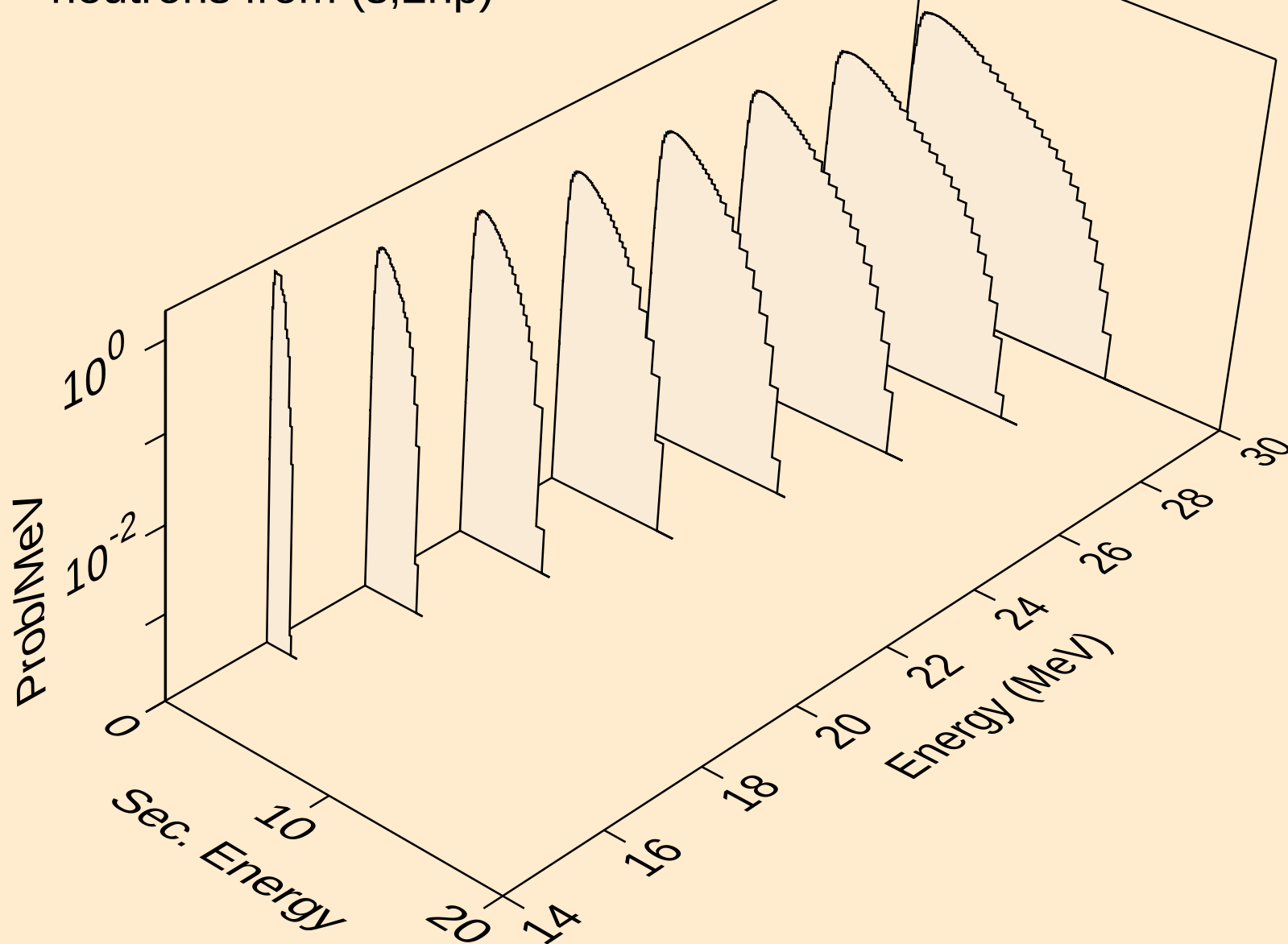
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neutrons from (s,n*)t



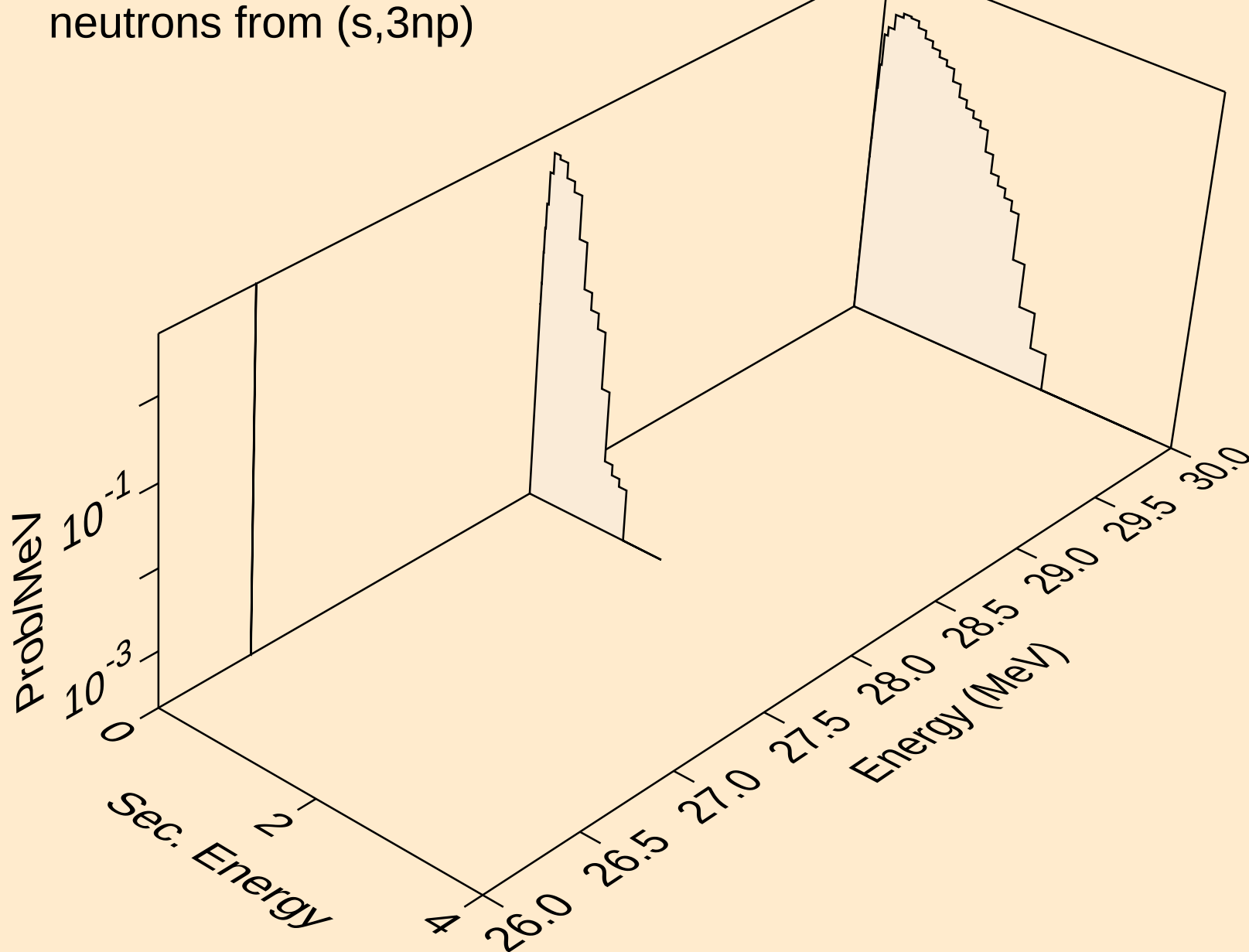
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neutrons from (s,n*)he3



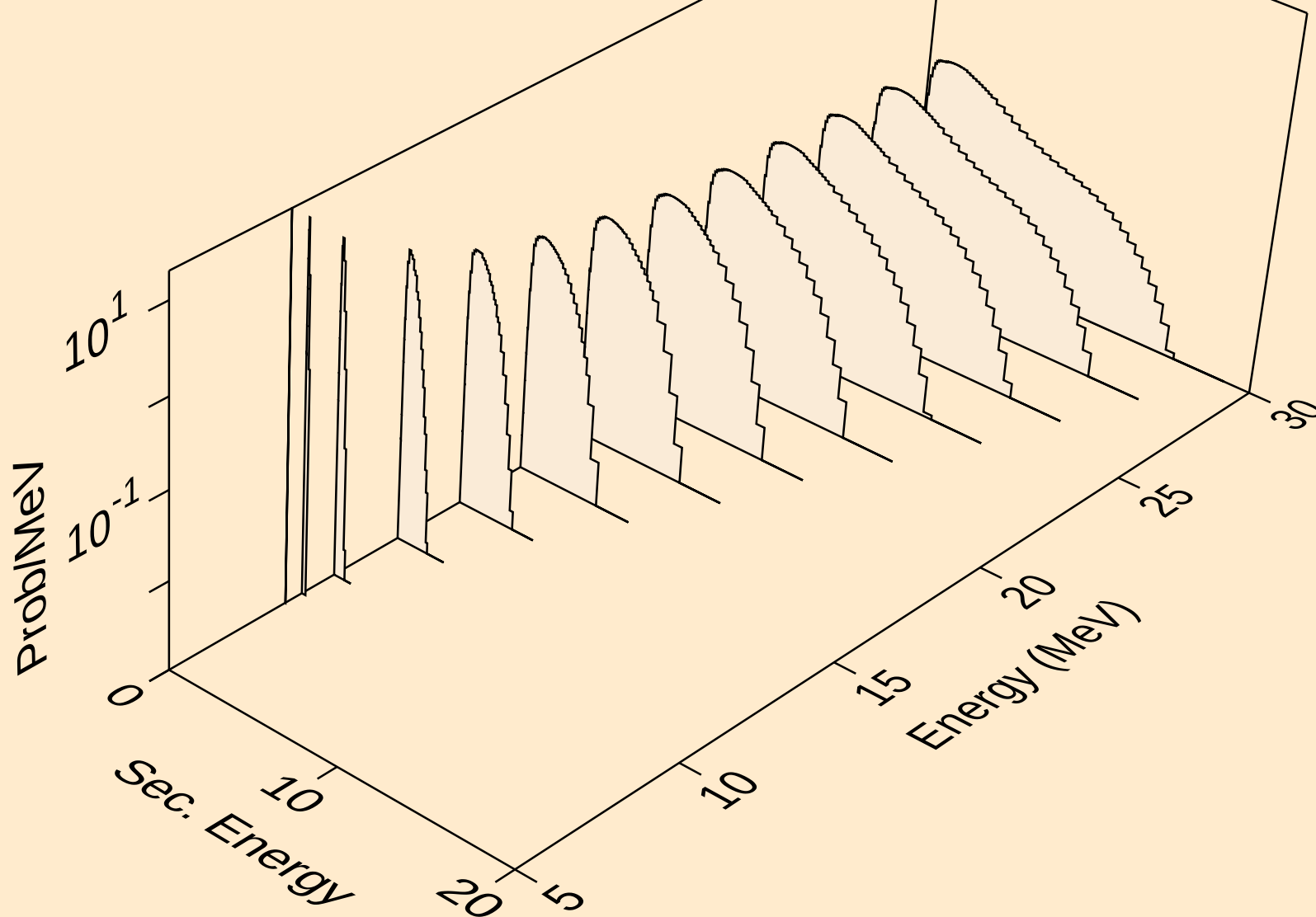
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neutrons from (s,2np)



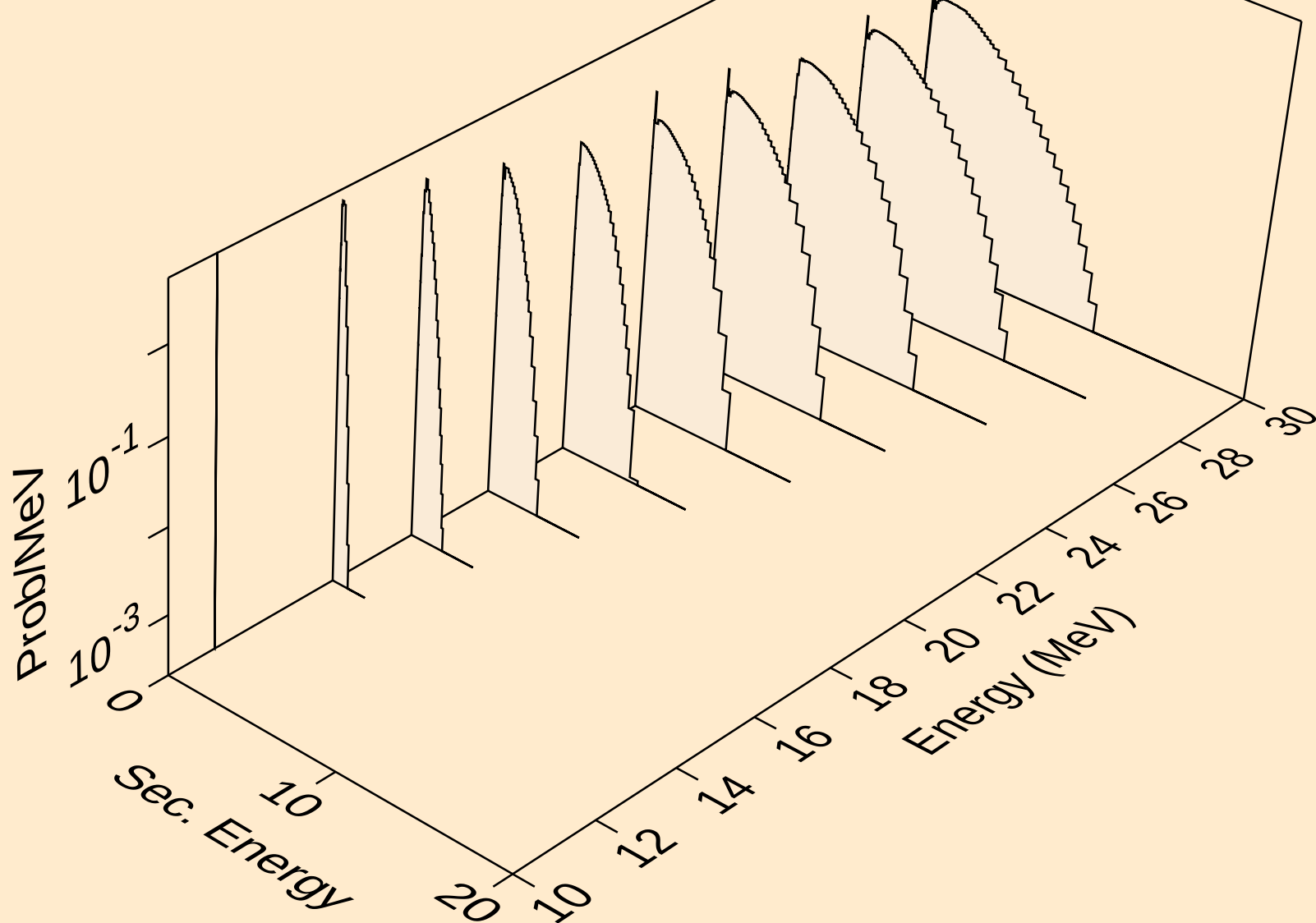
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neutrons from (s,3np)



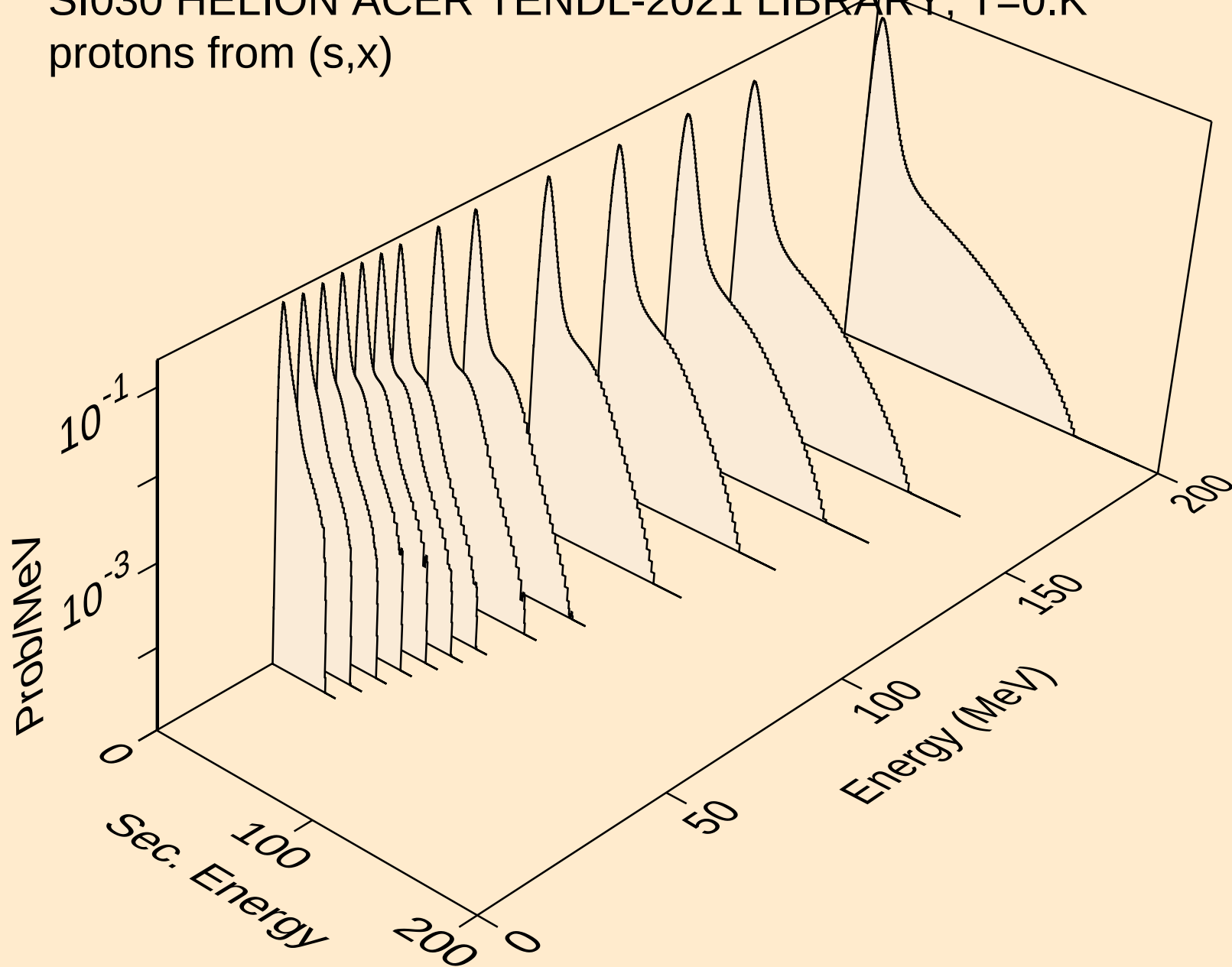
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neutrons from (s,2np)



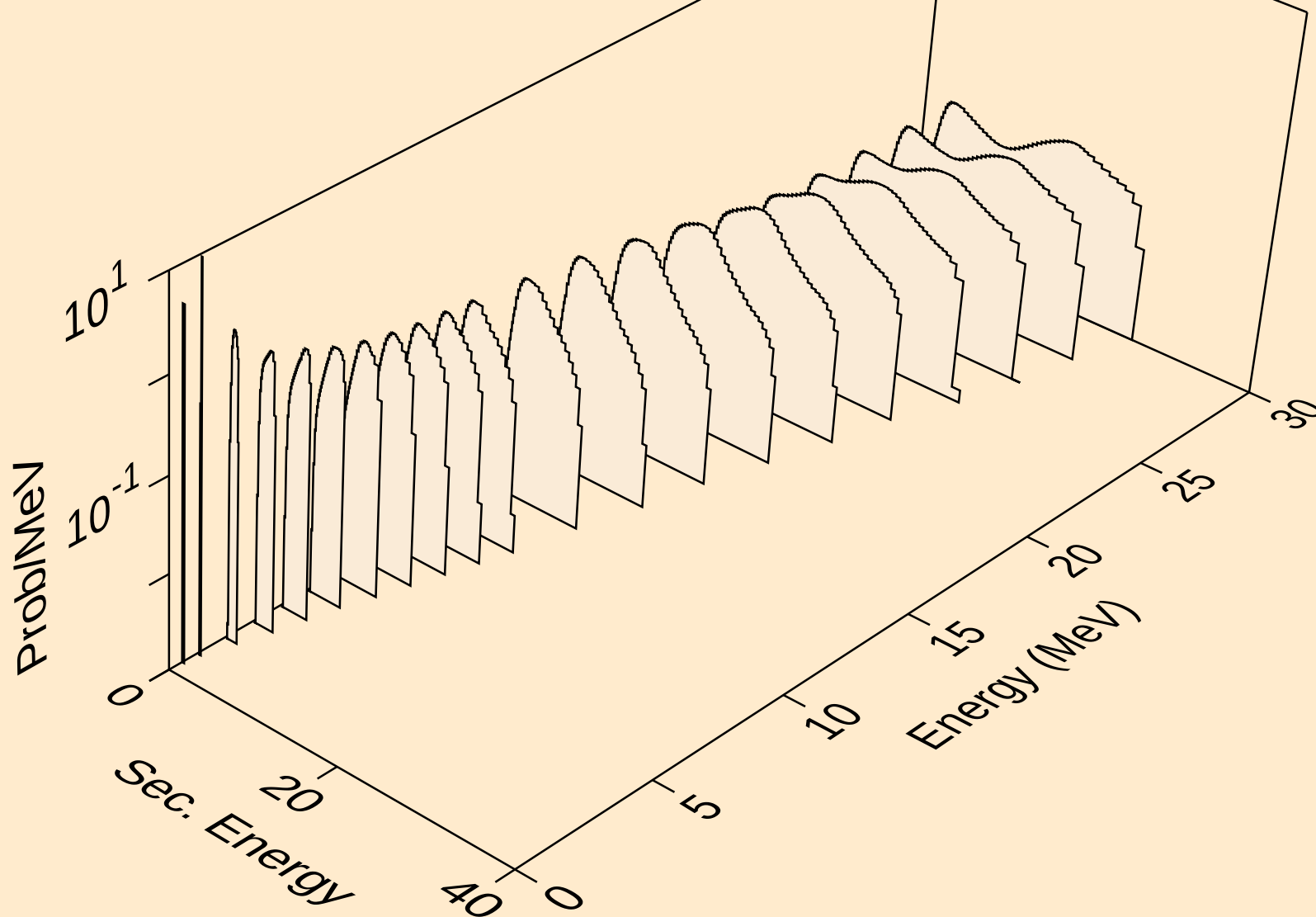
SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (s,npa)



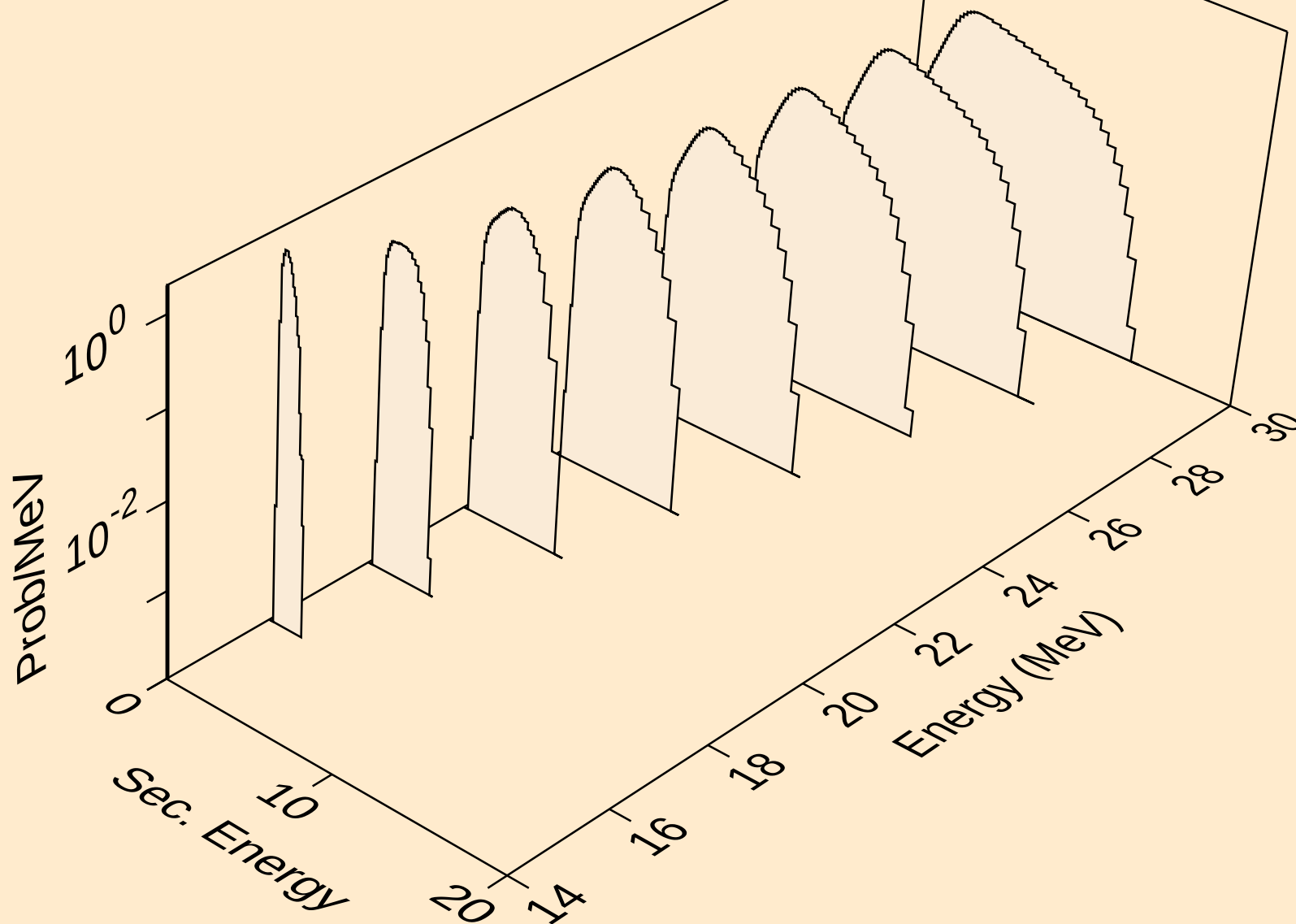
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protons from (s,x)



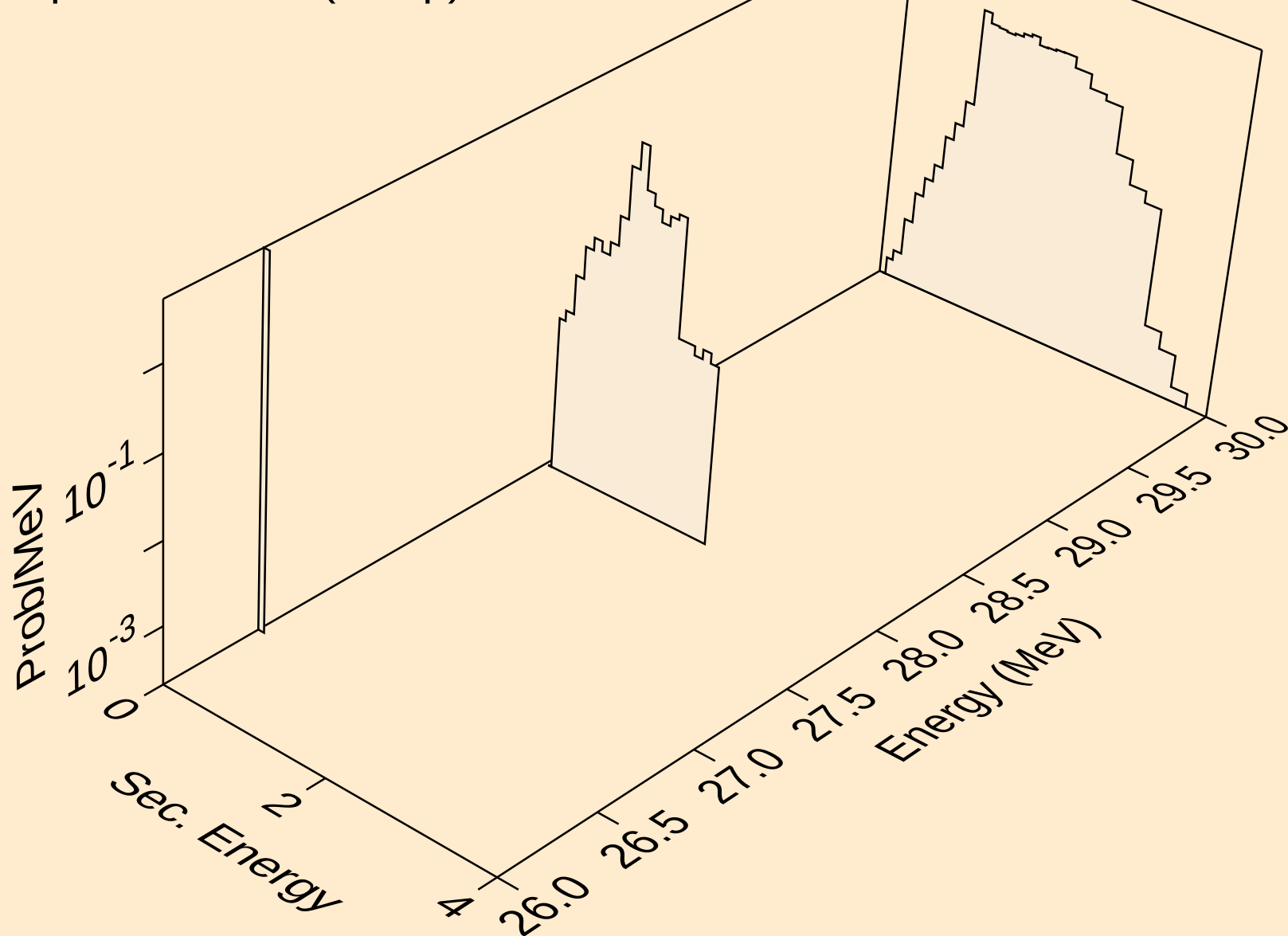
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protons from (s,n*)p



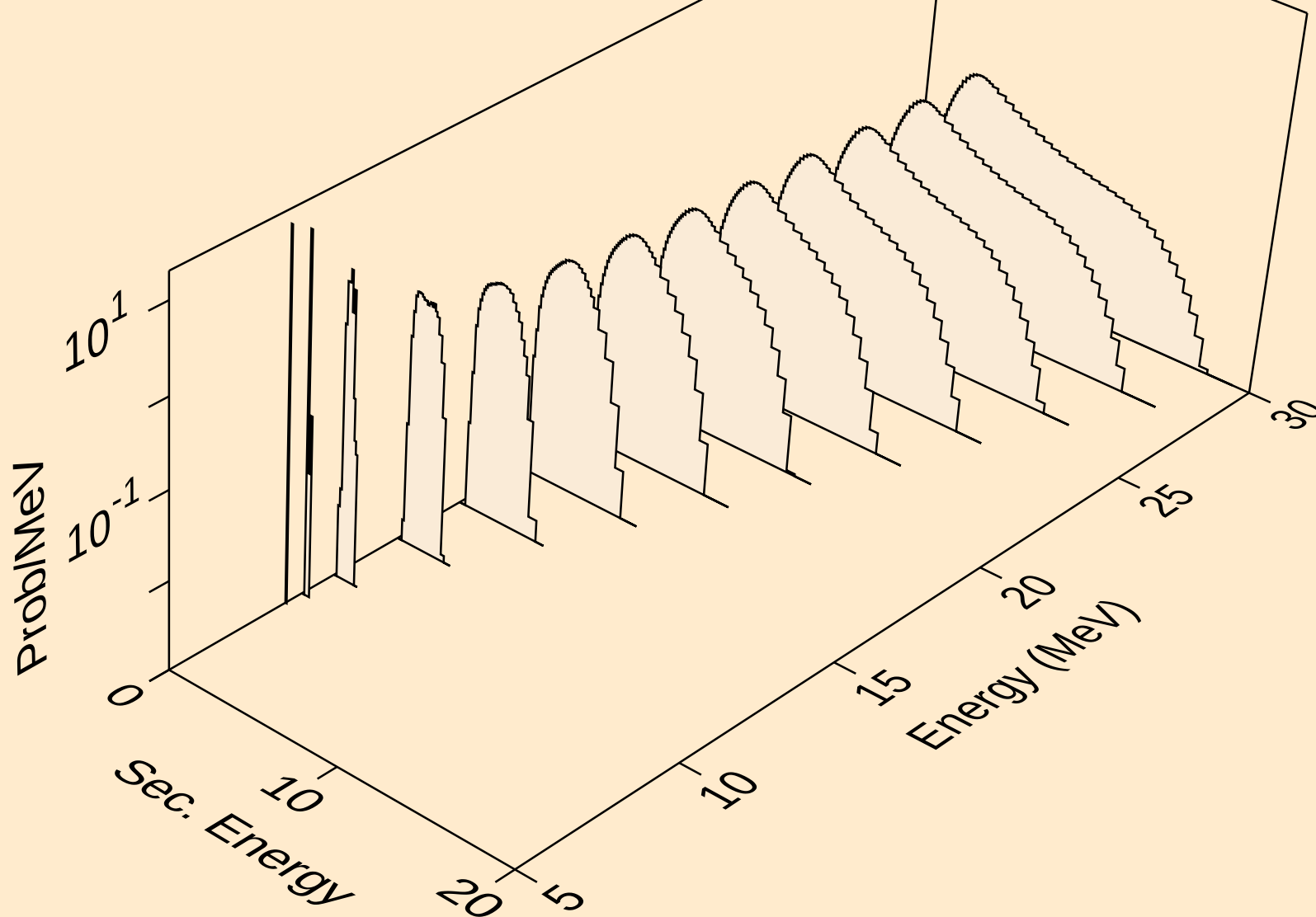
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protons from (s,2np)



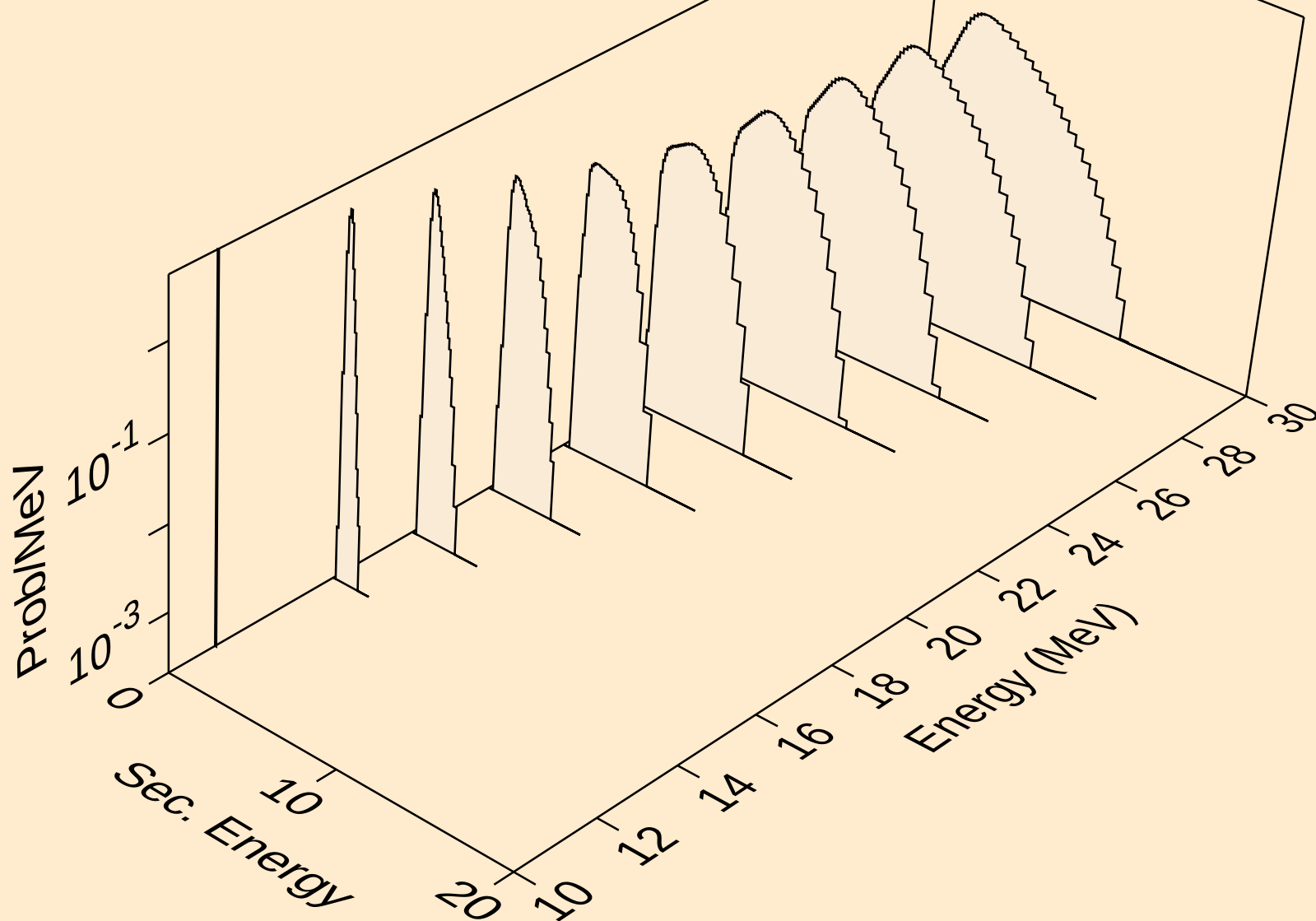
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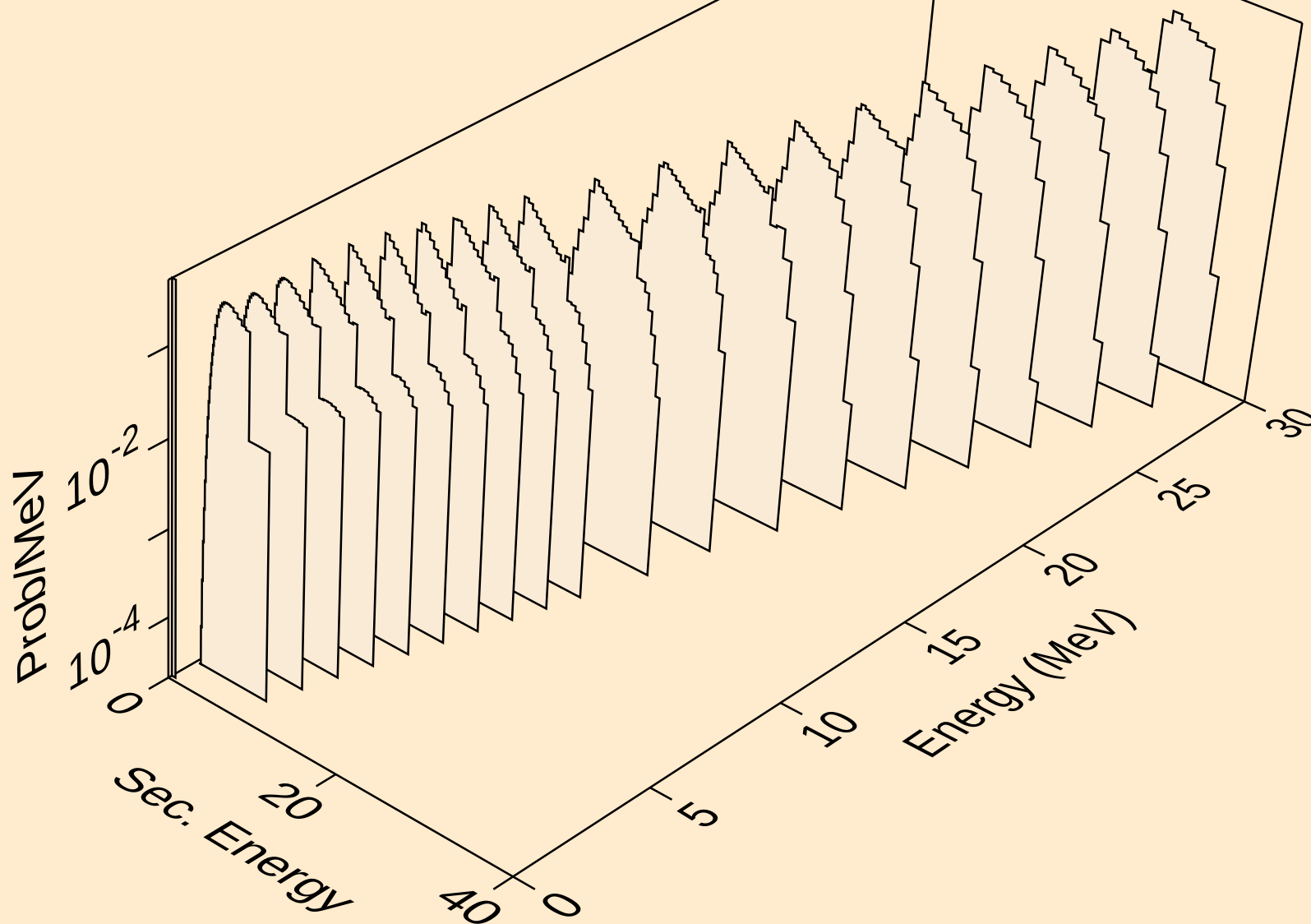
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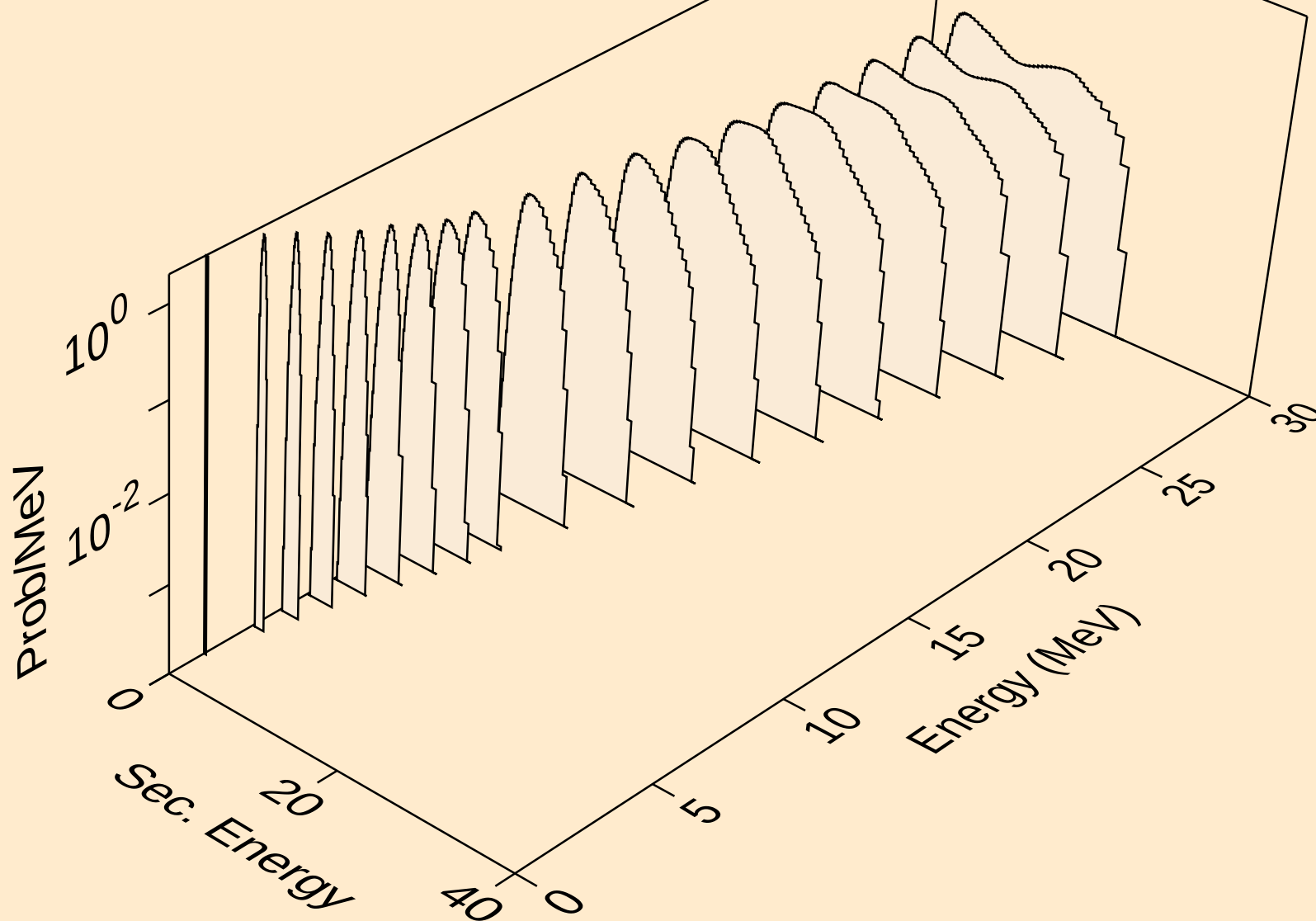
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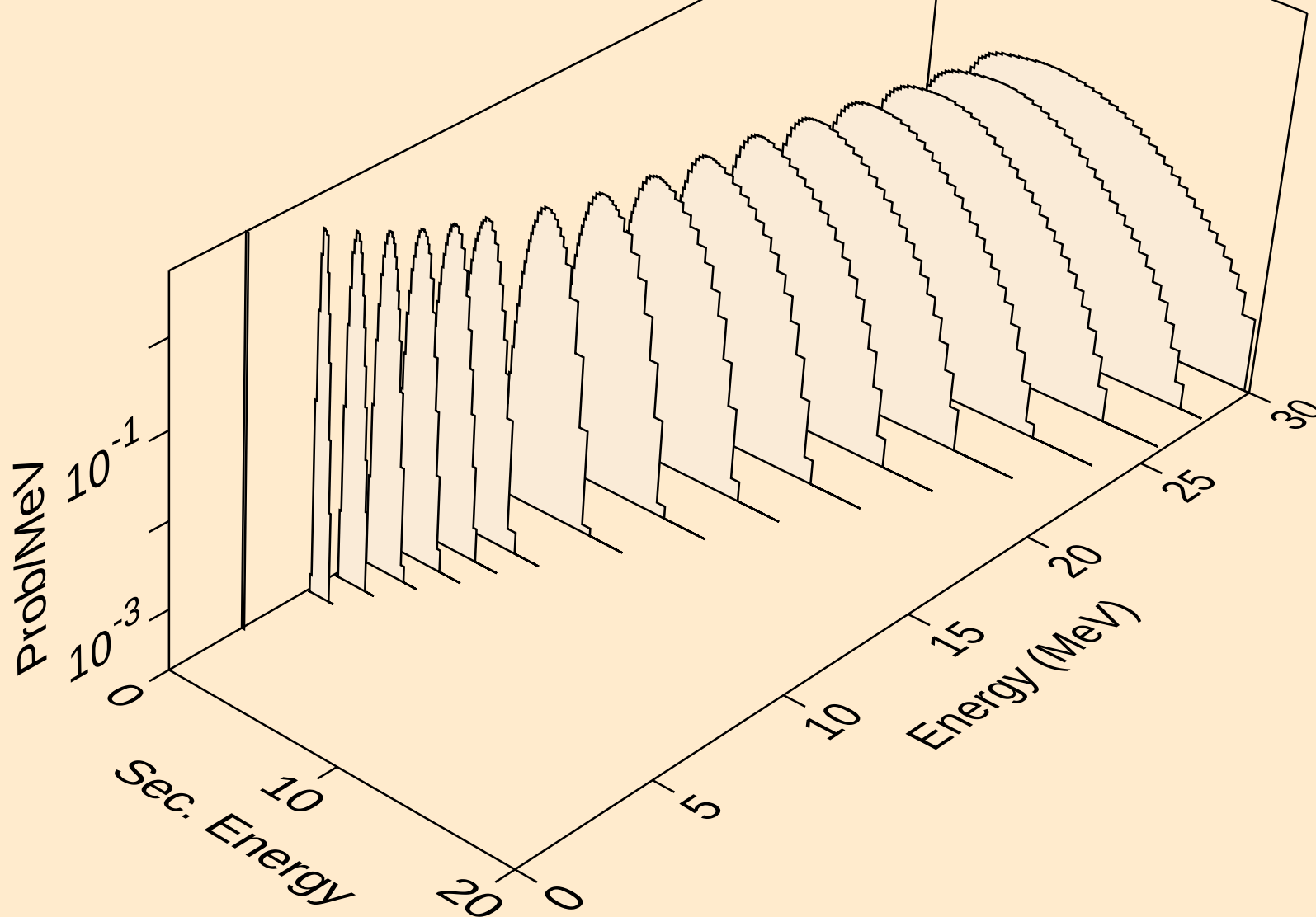
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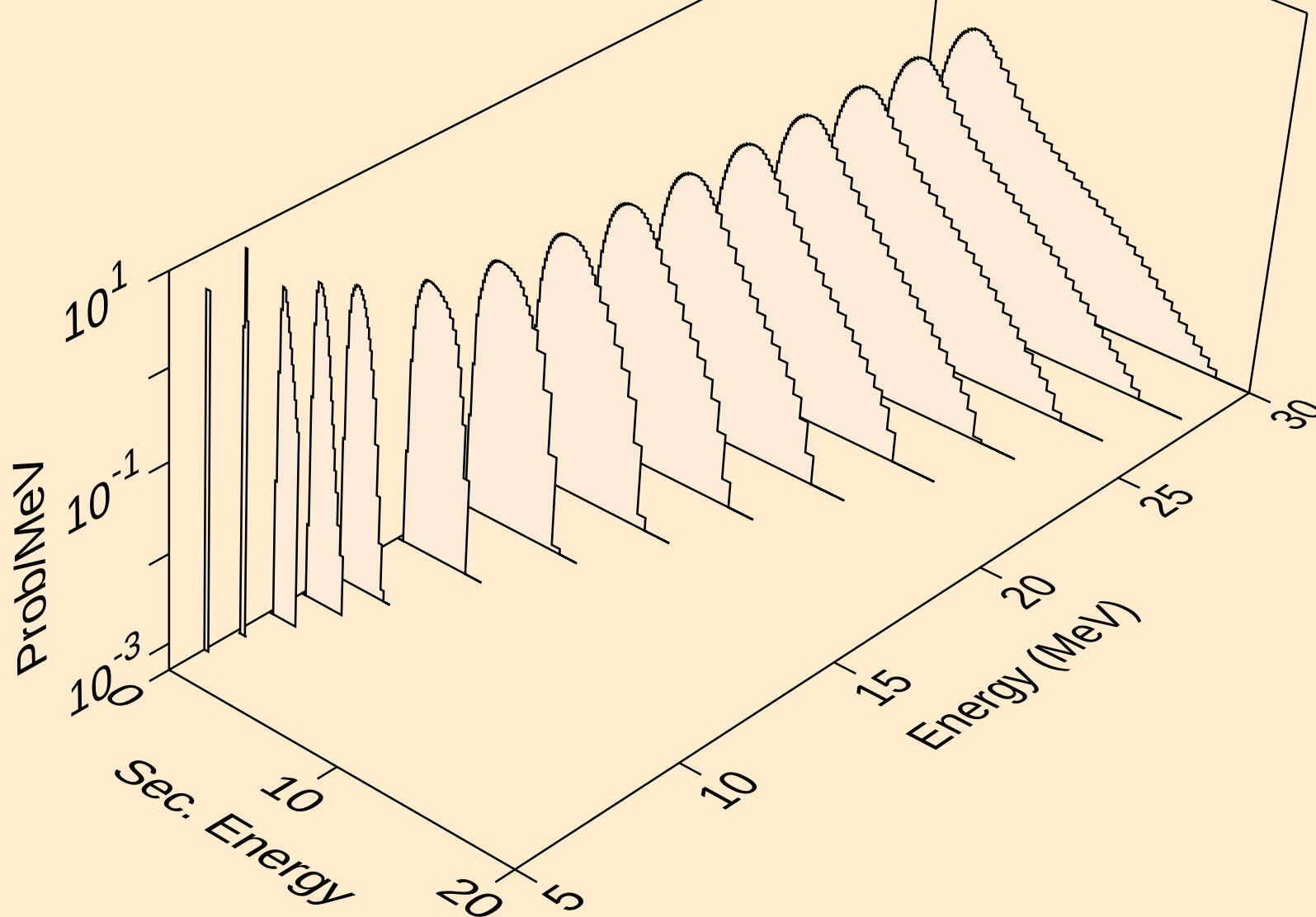
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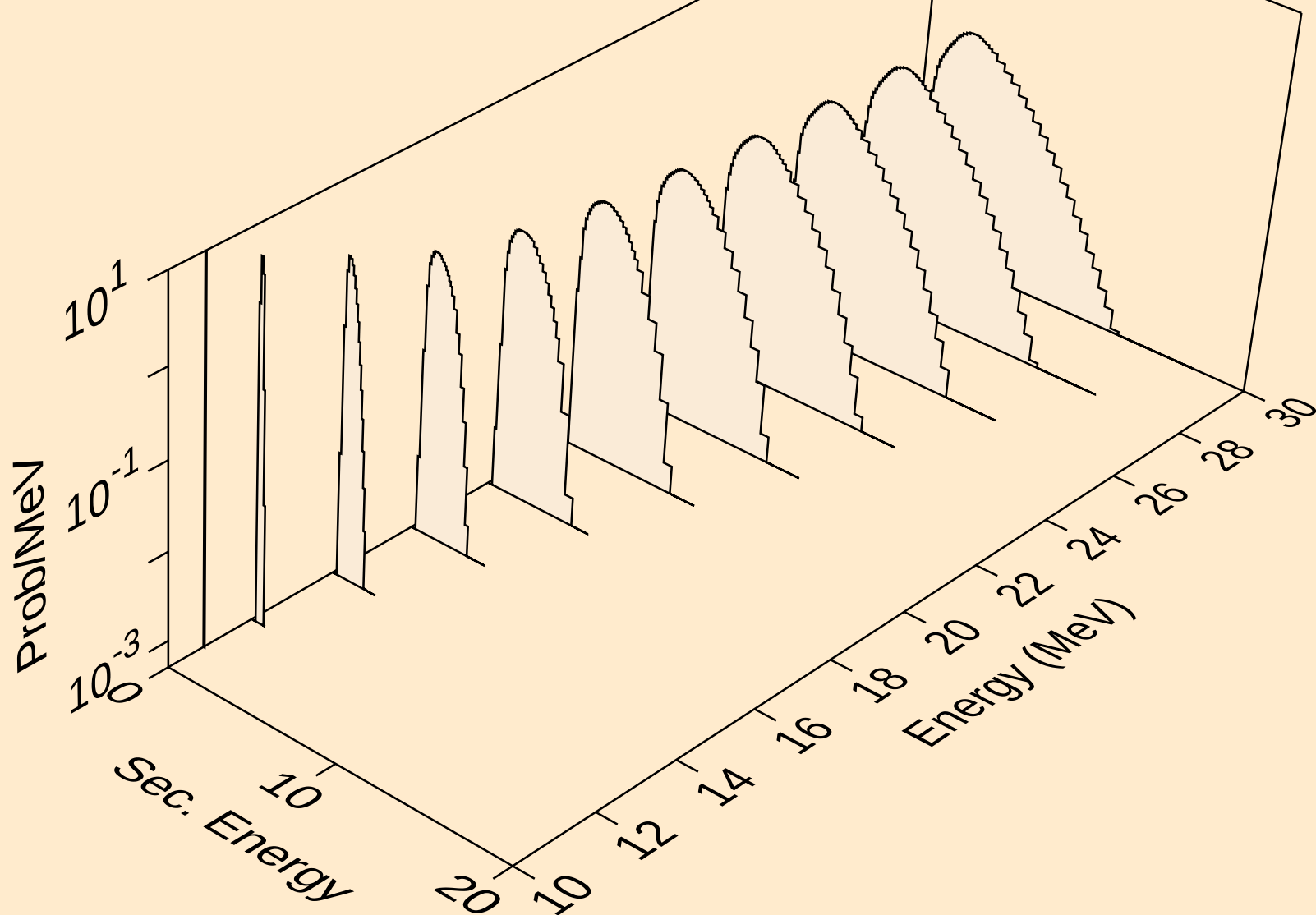
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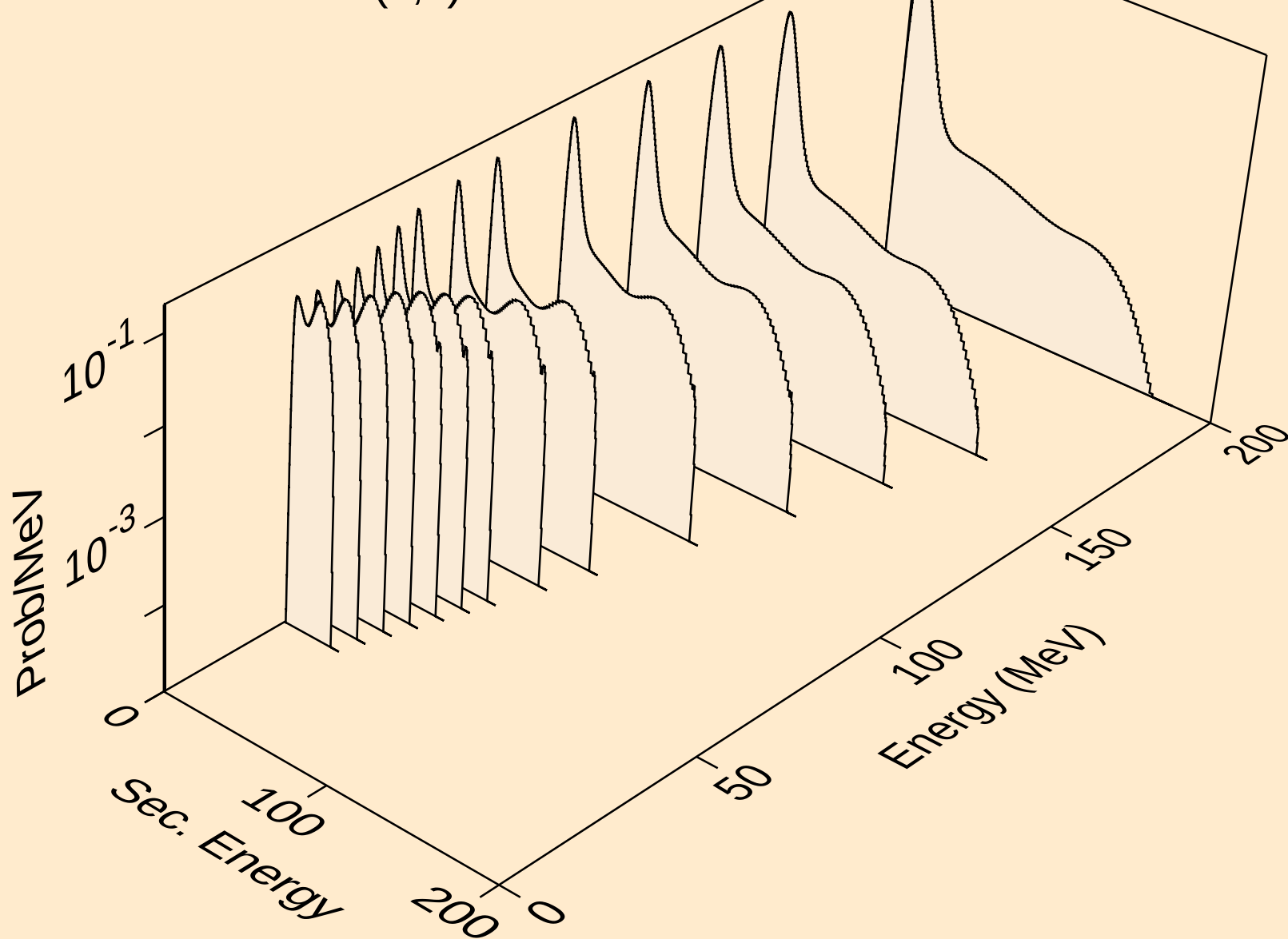
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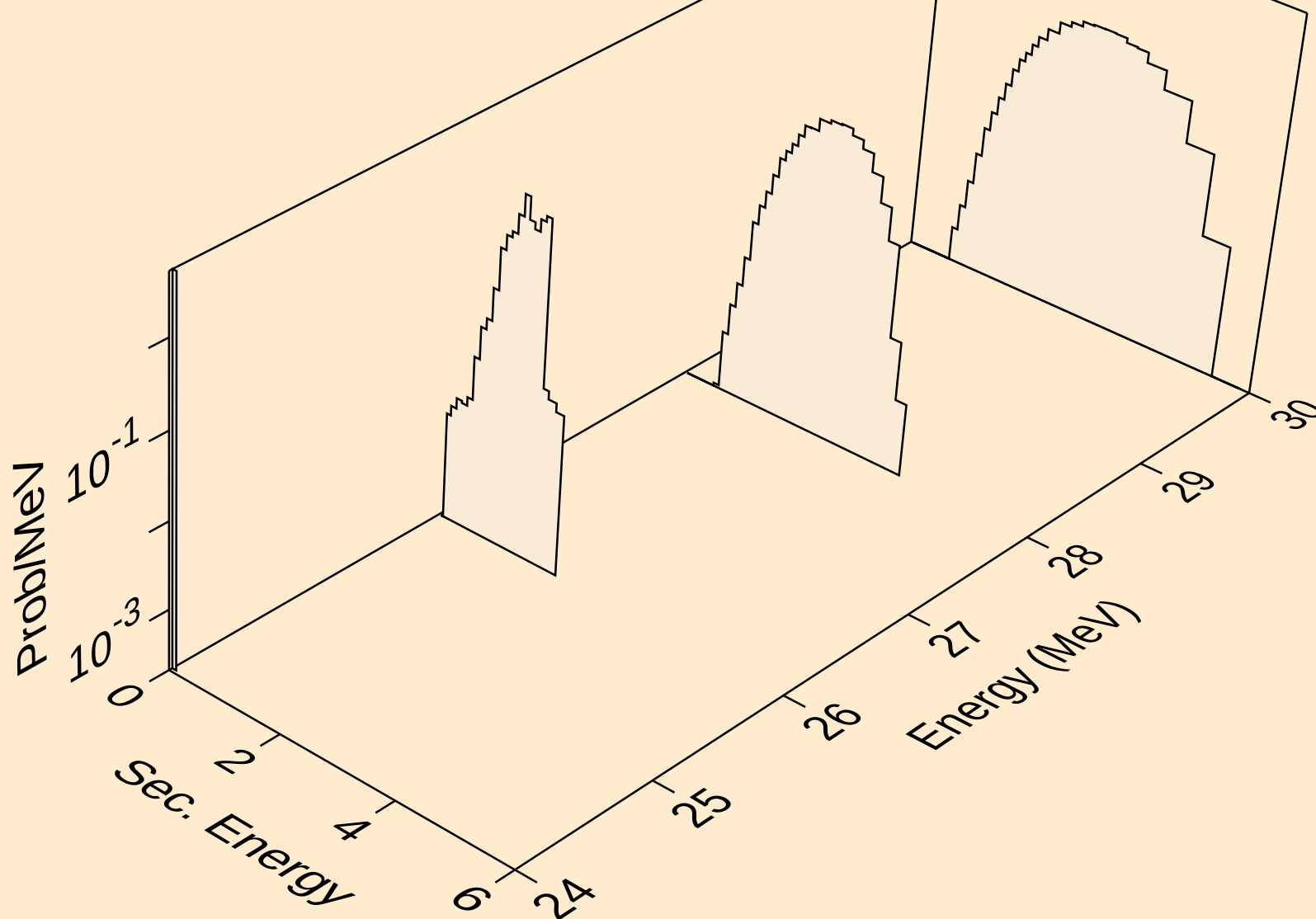
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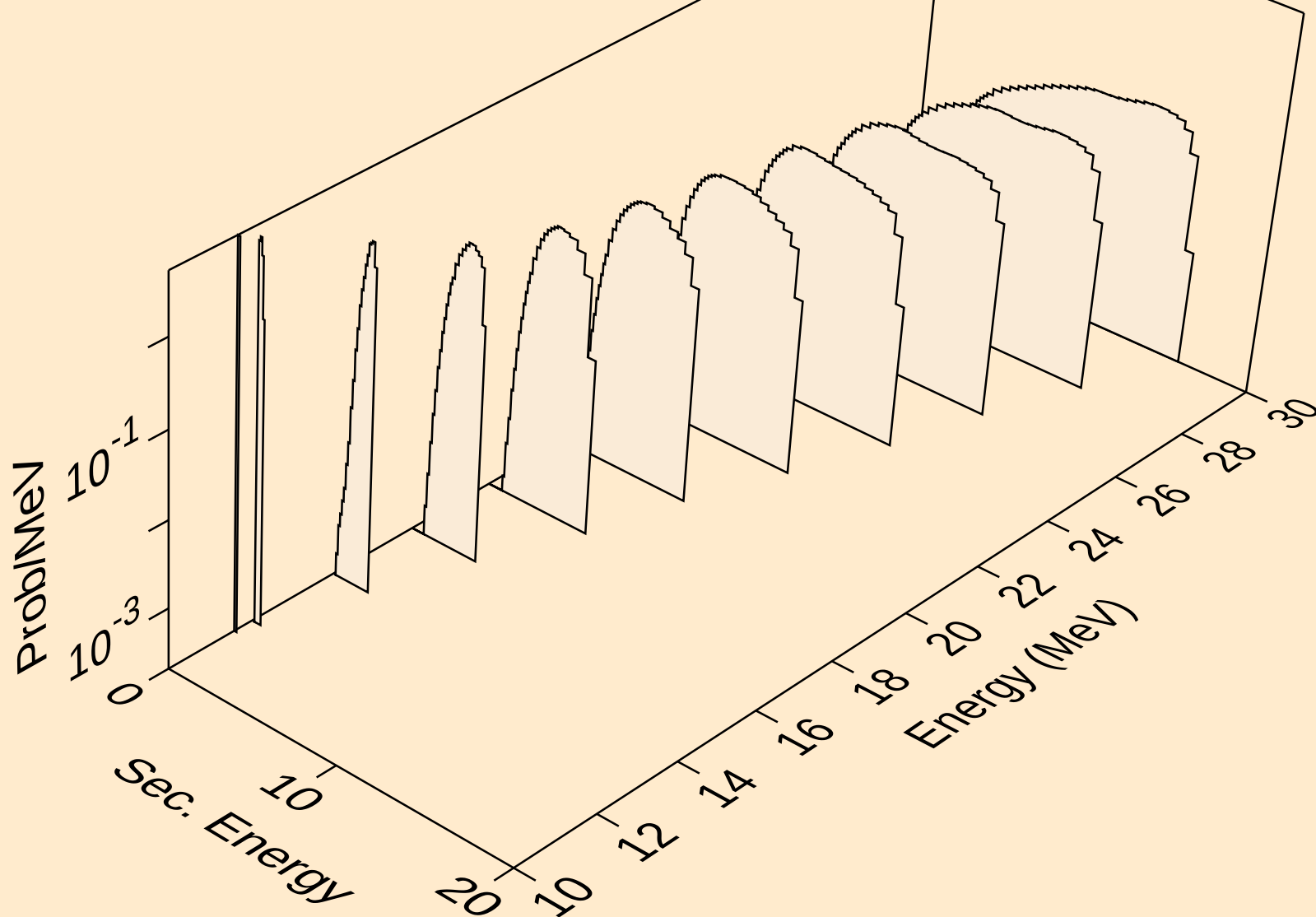
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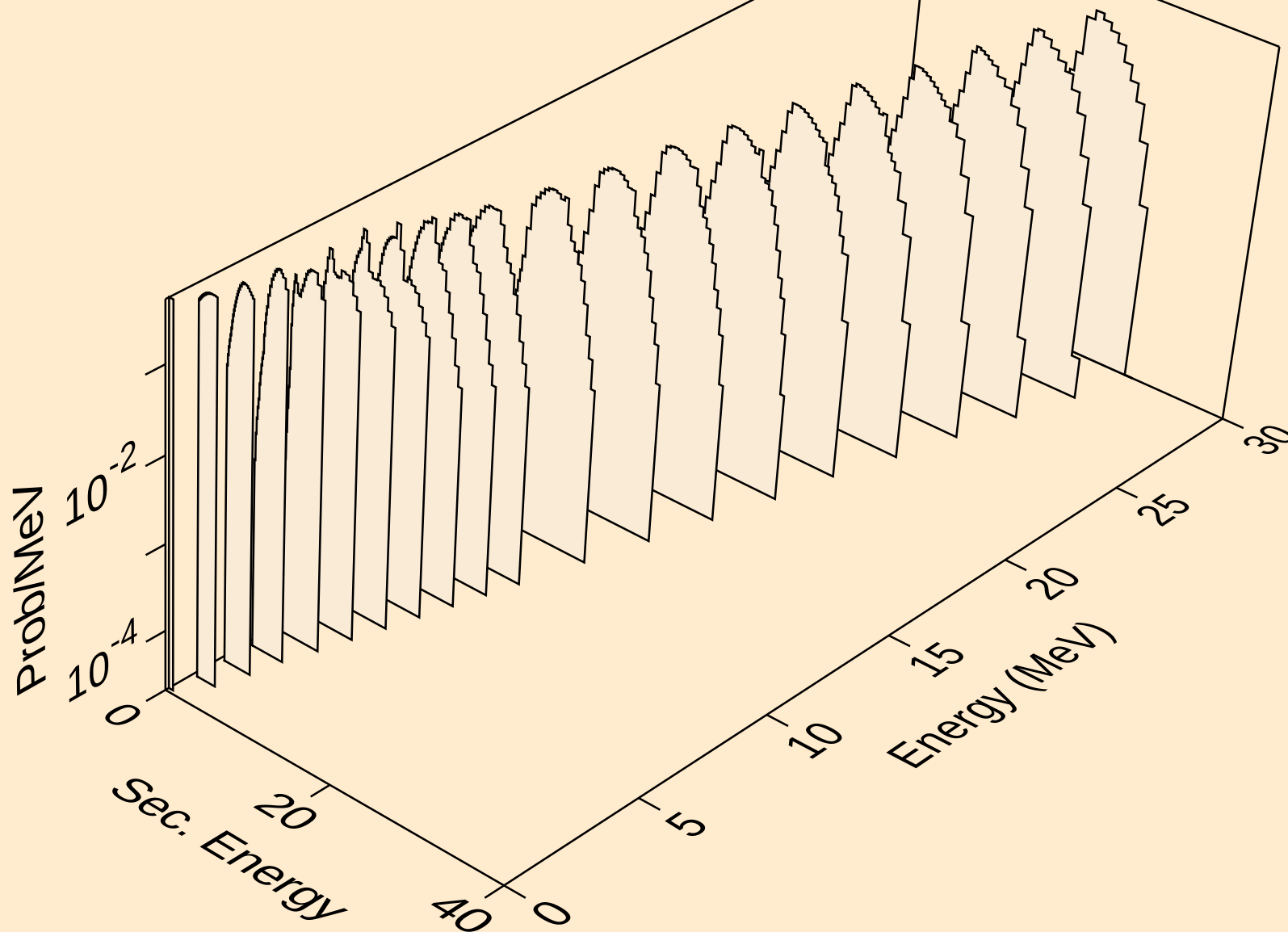
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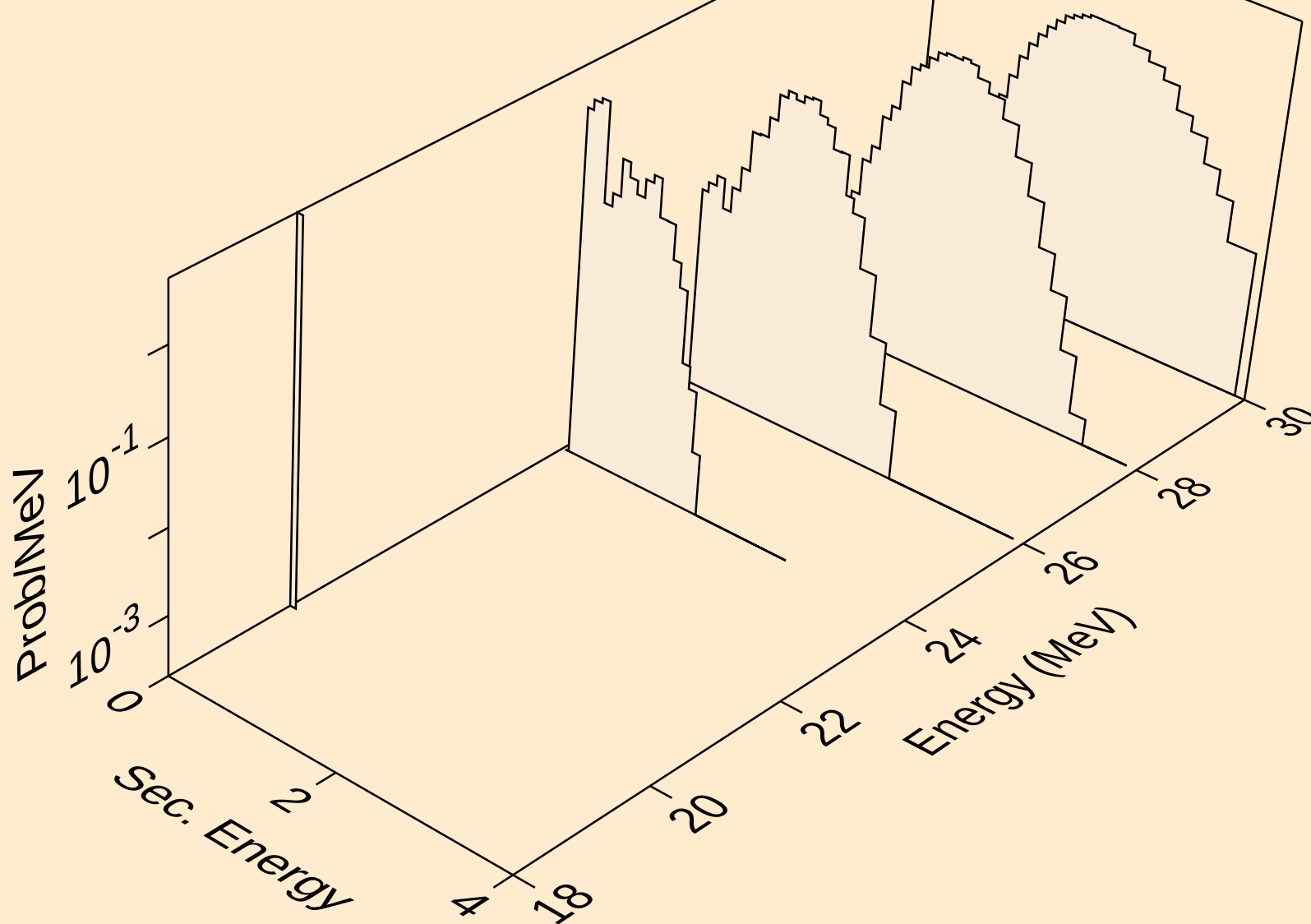
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deuterons from (s,n*)d



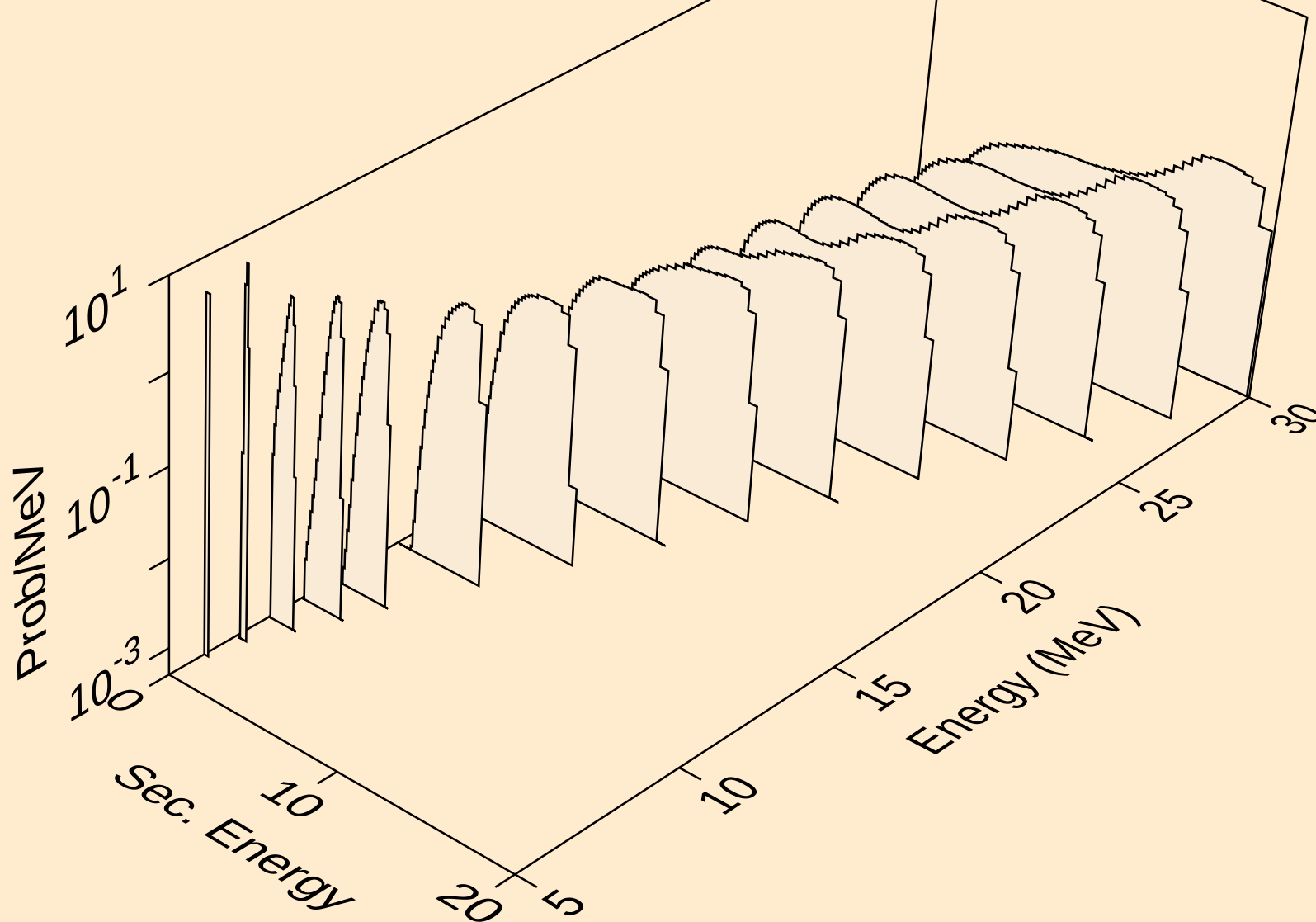
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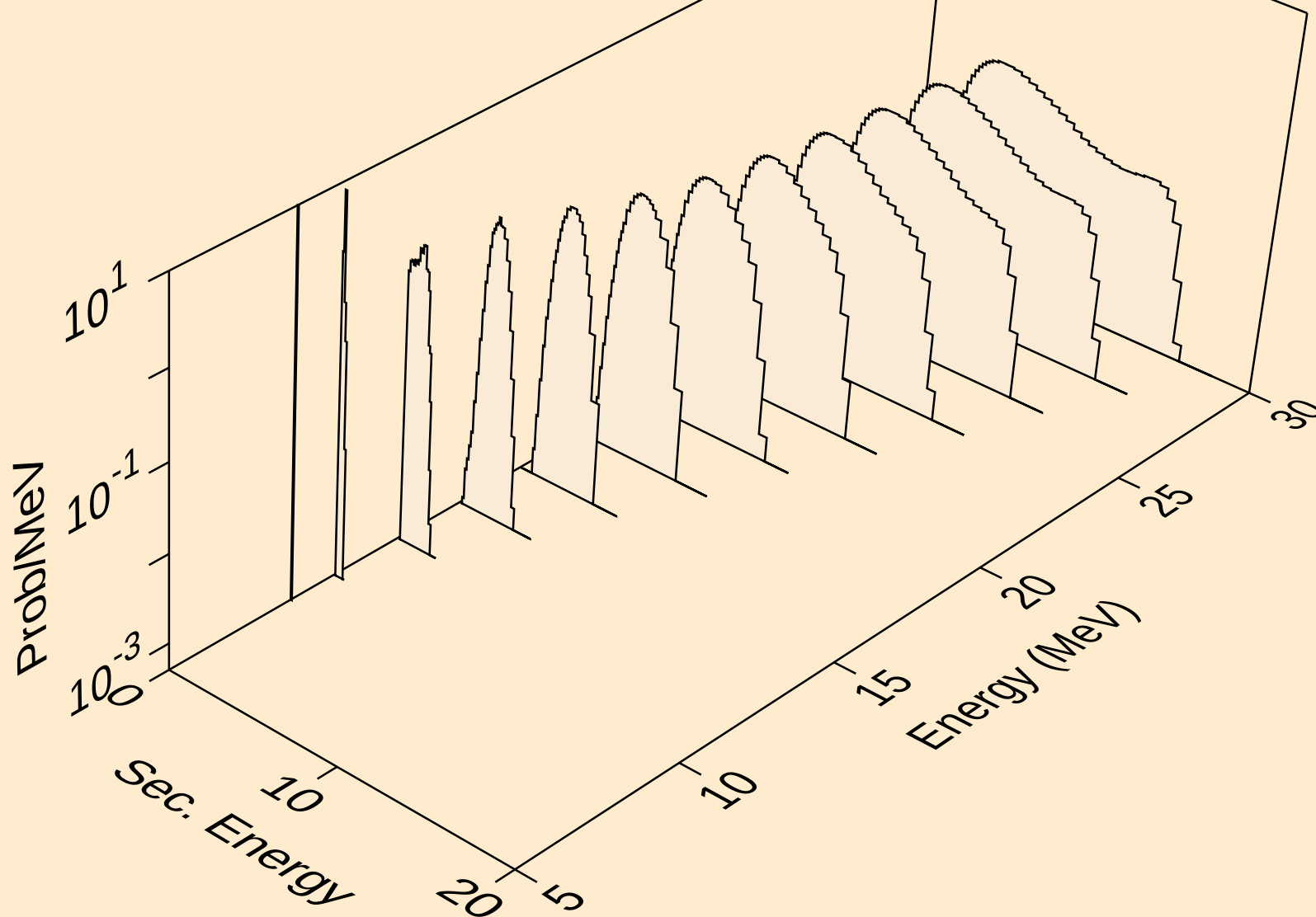
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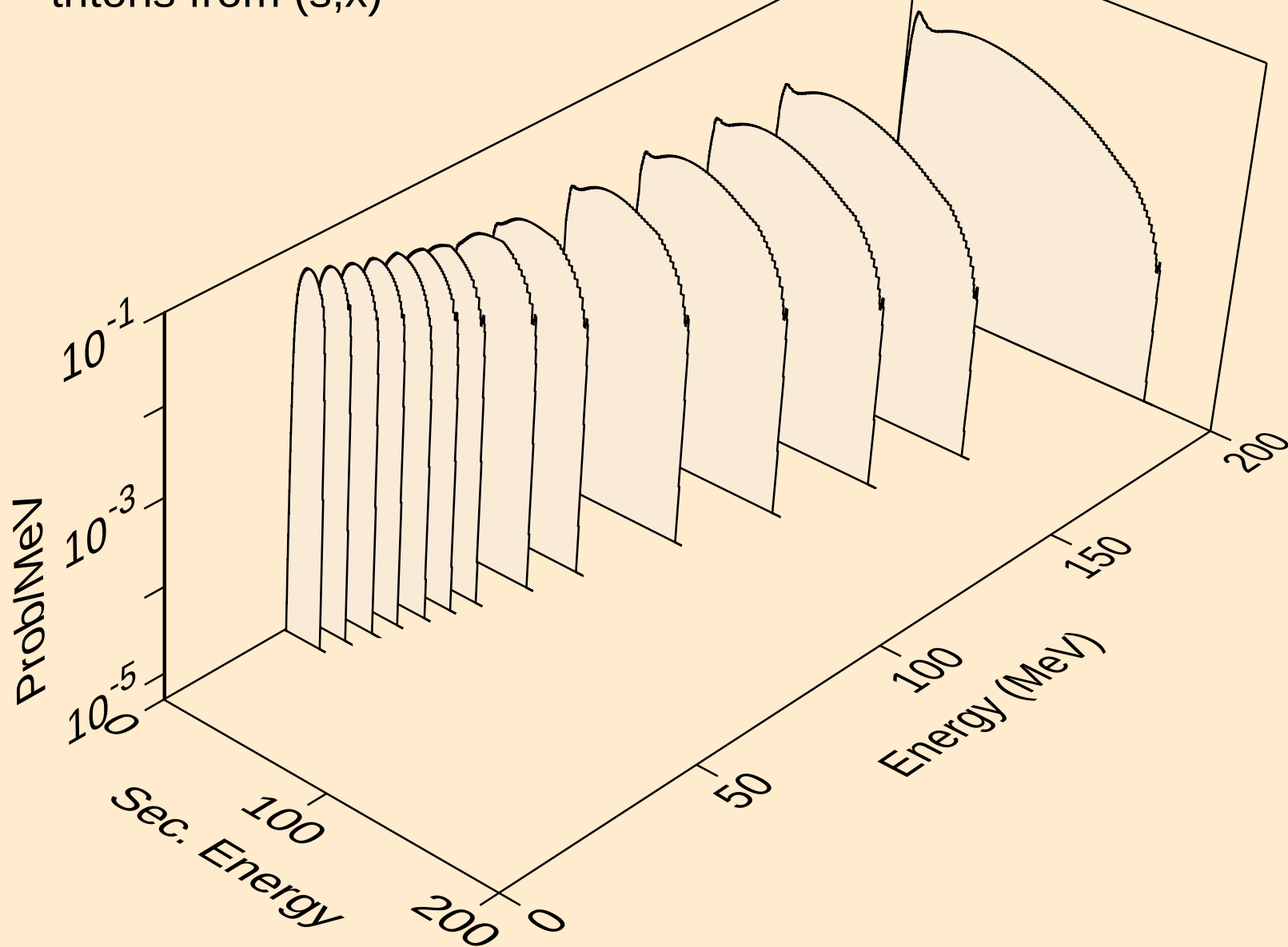
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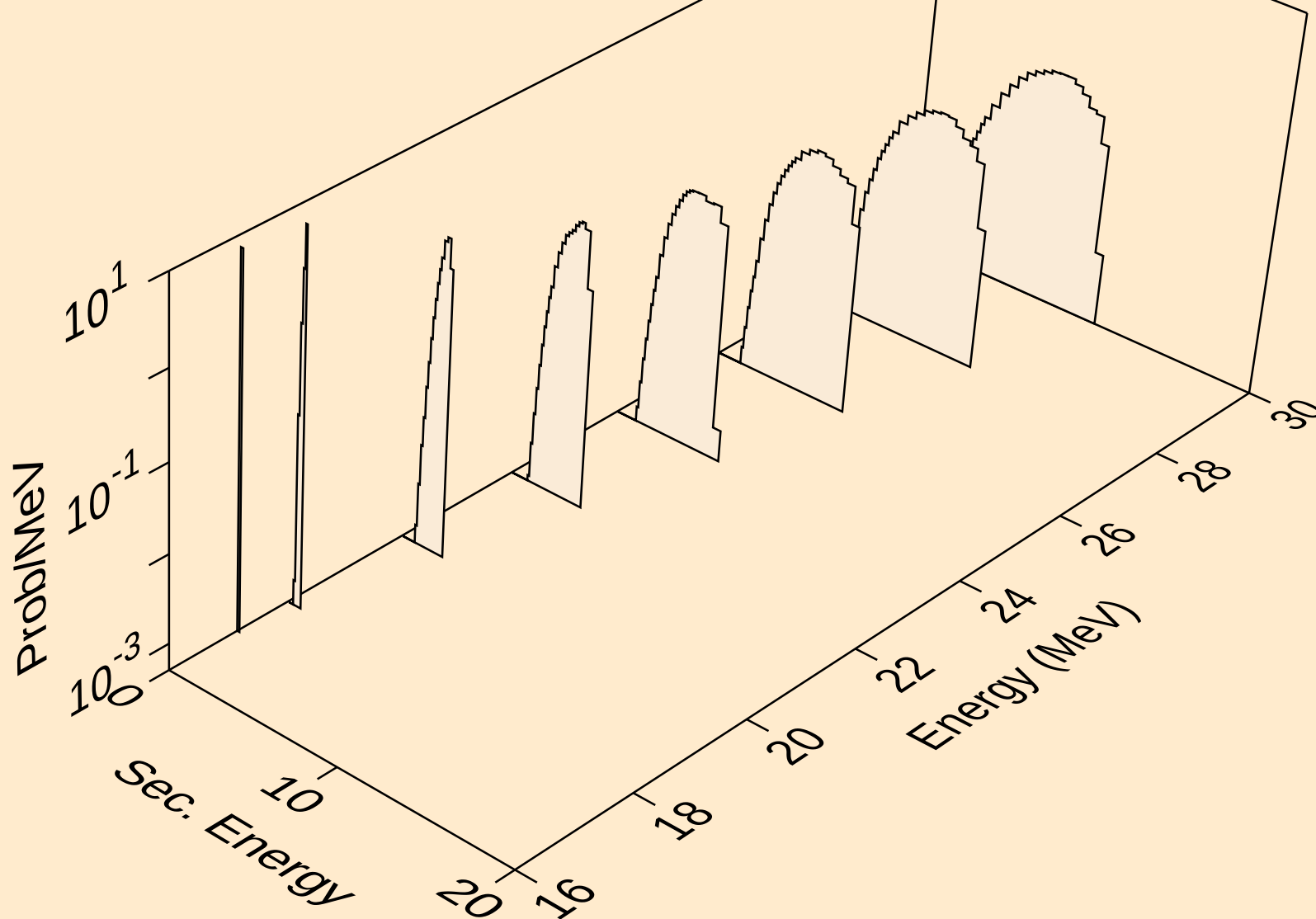
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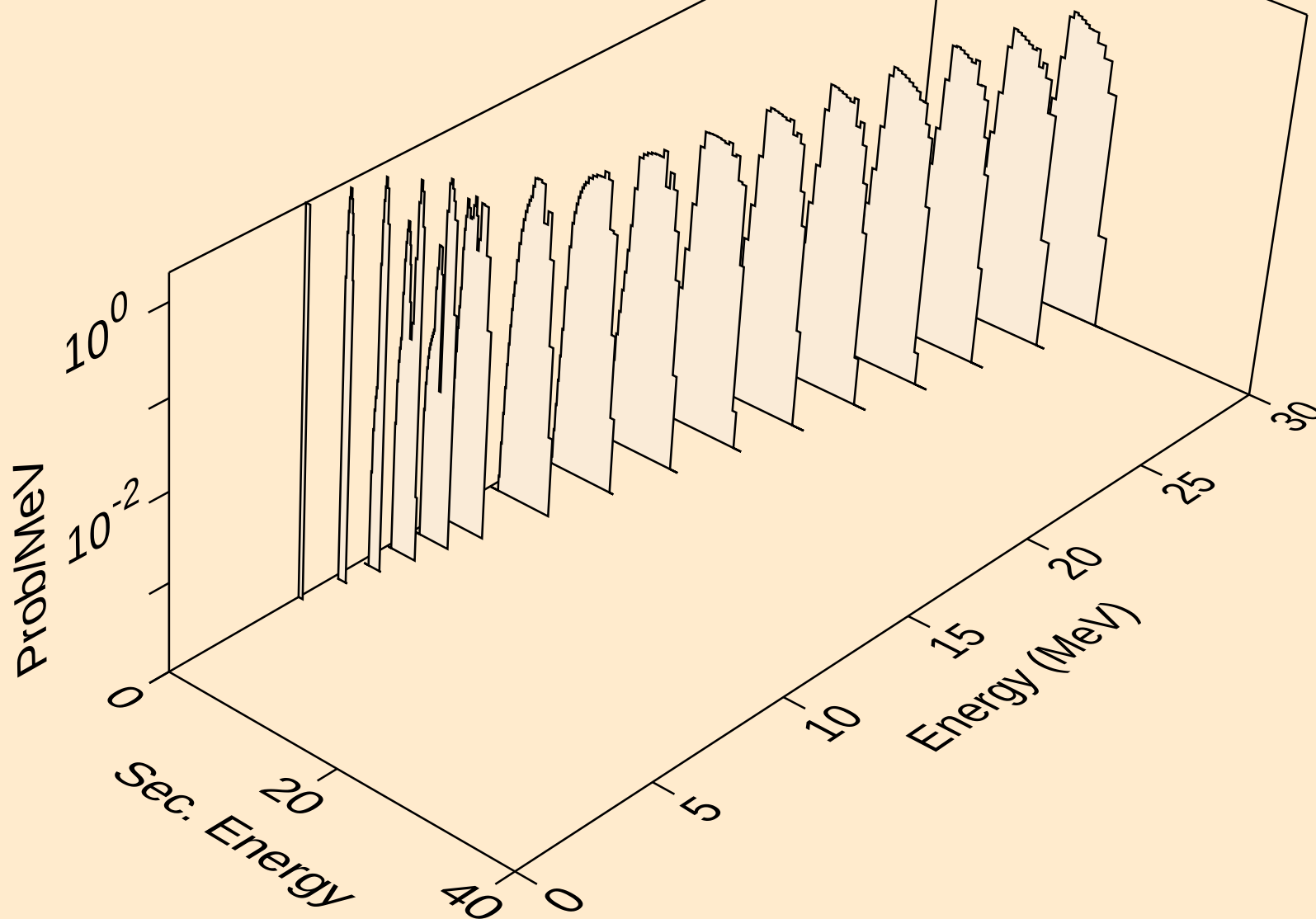
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tritons from (s,x)



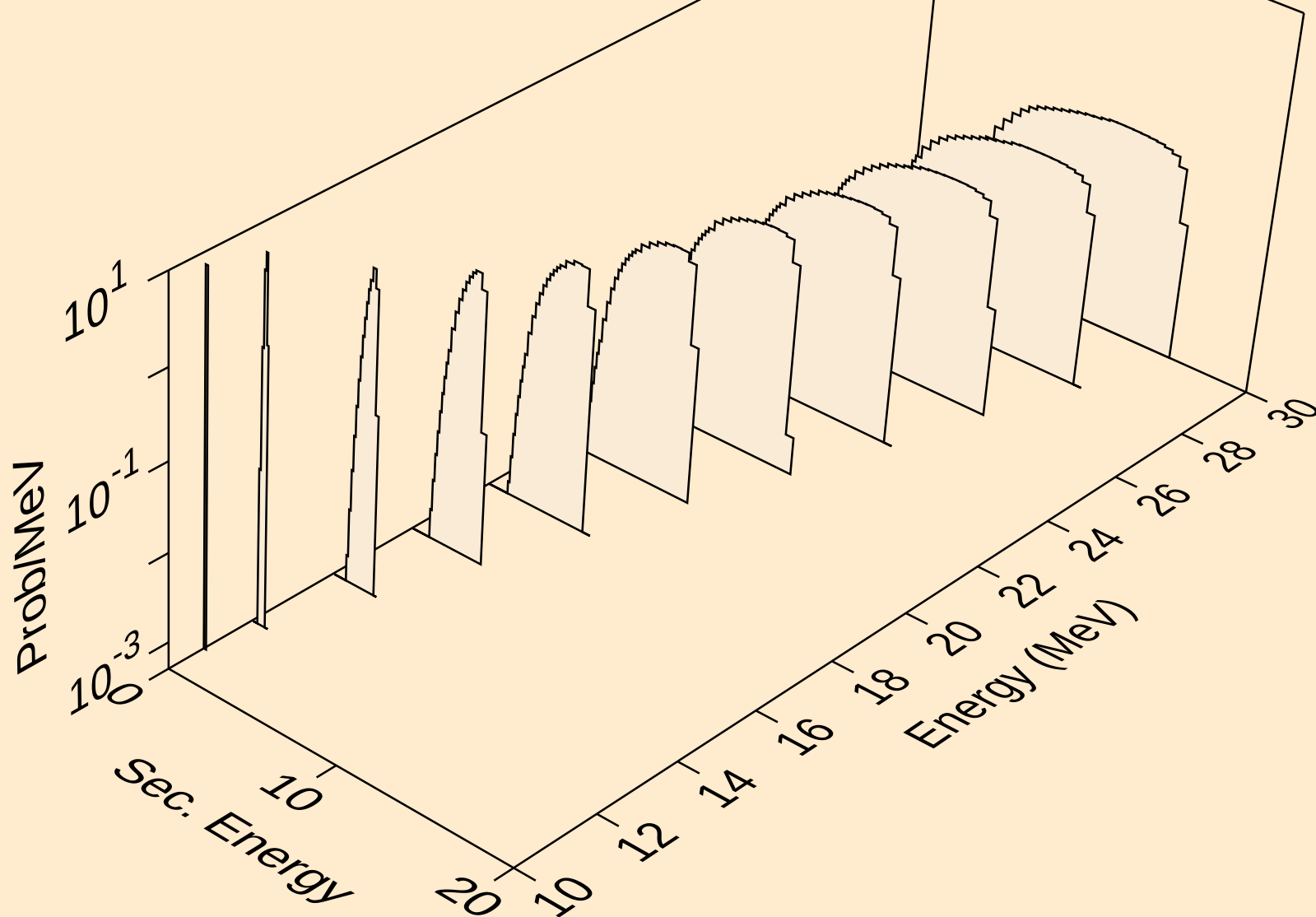
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tritons from (s,n*)t



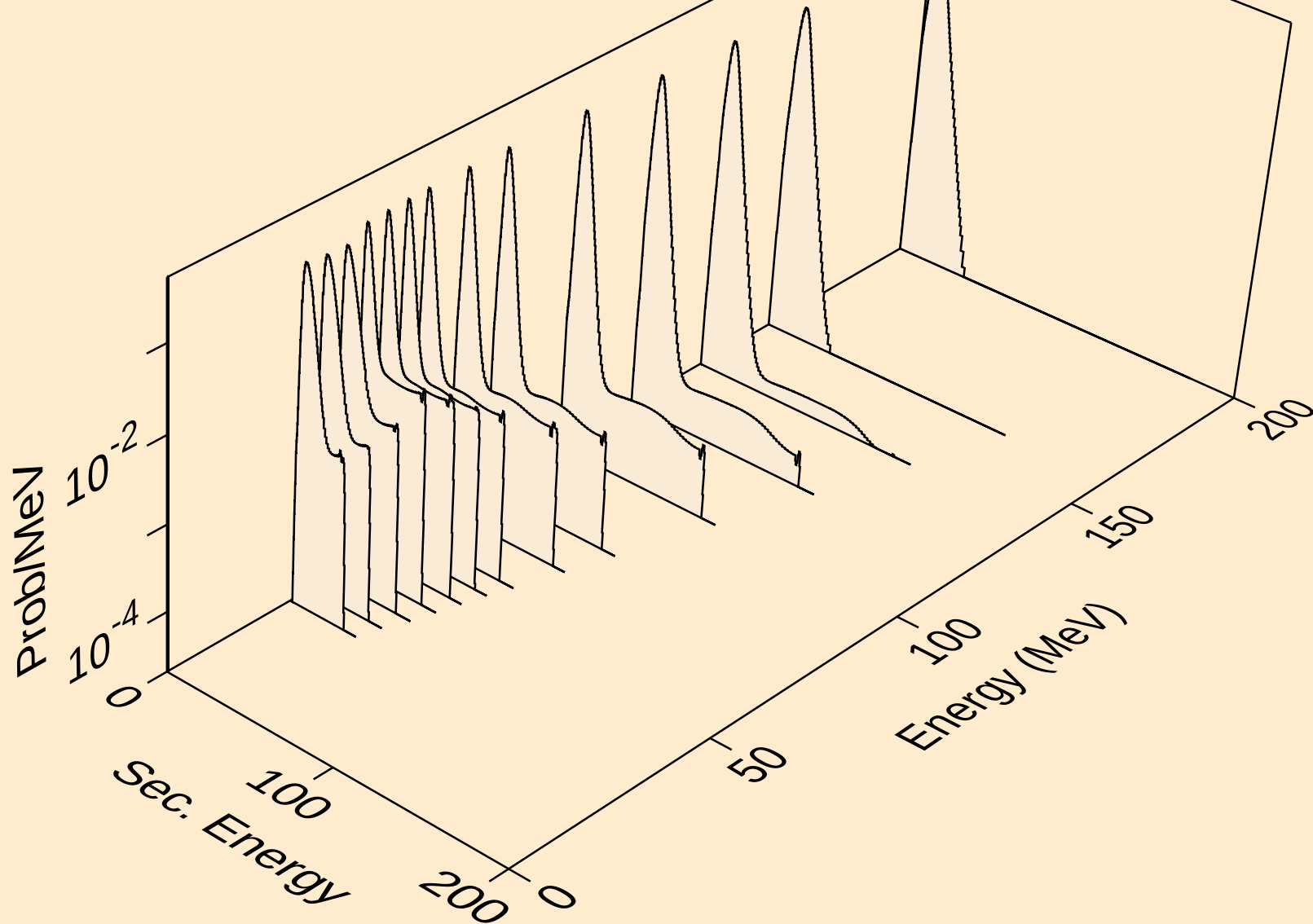
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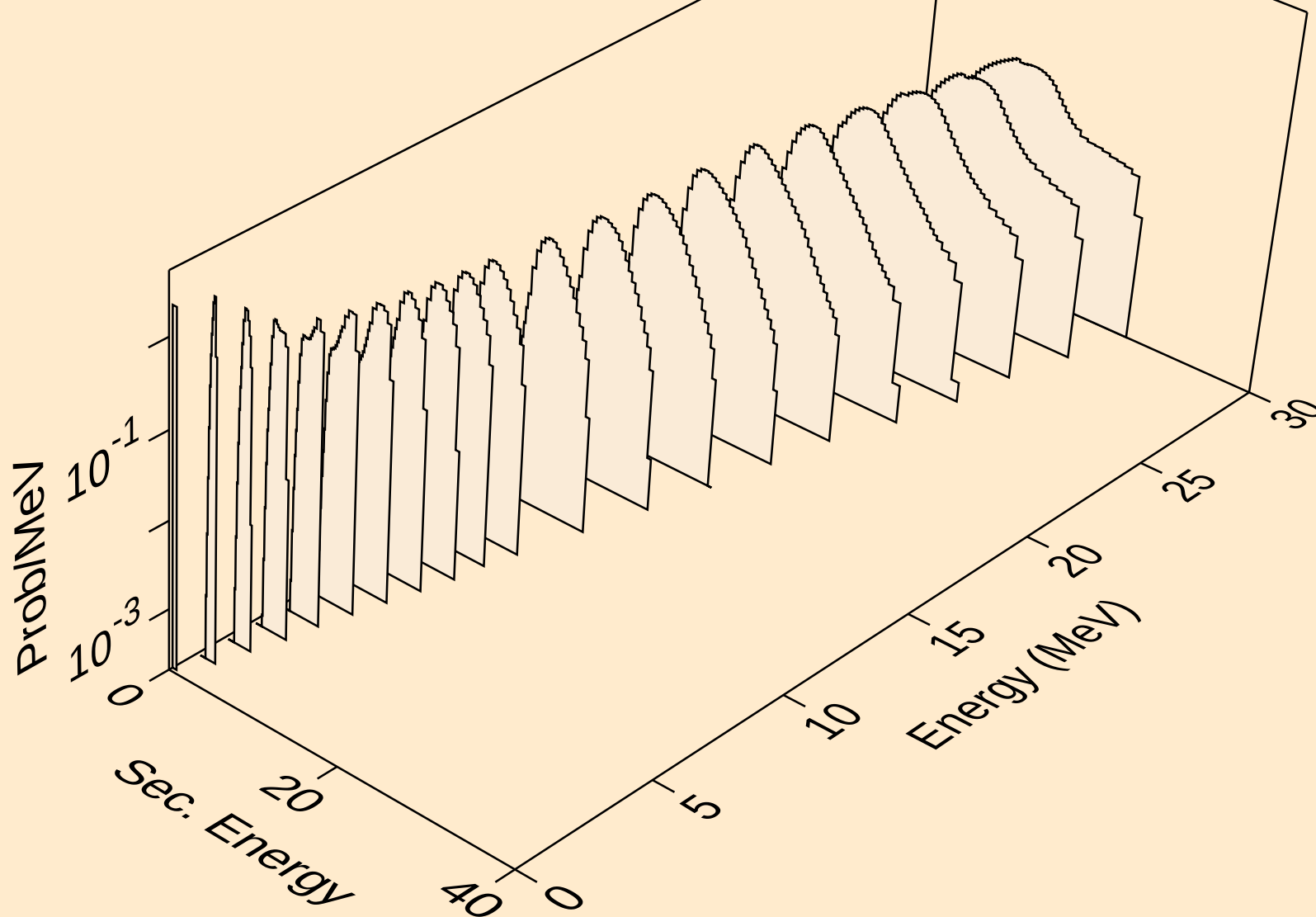
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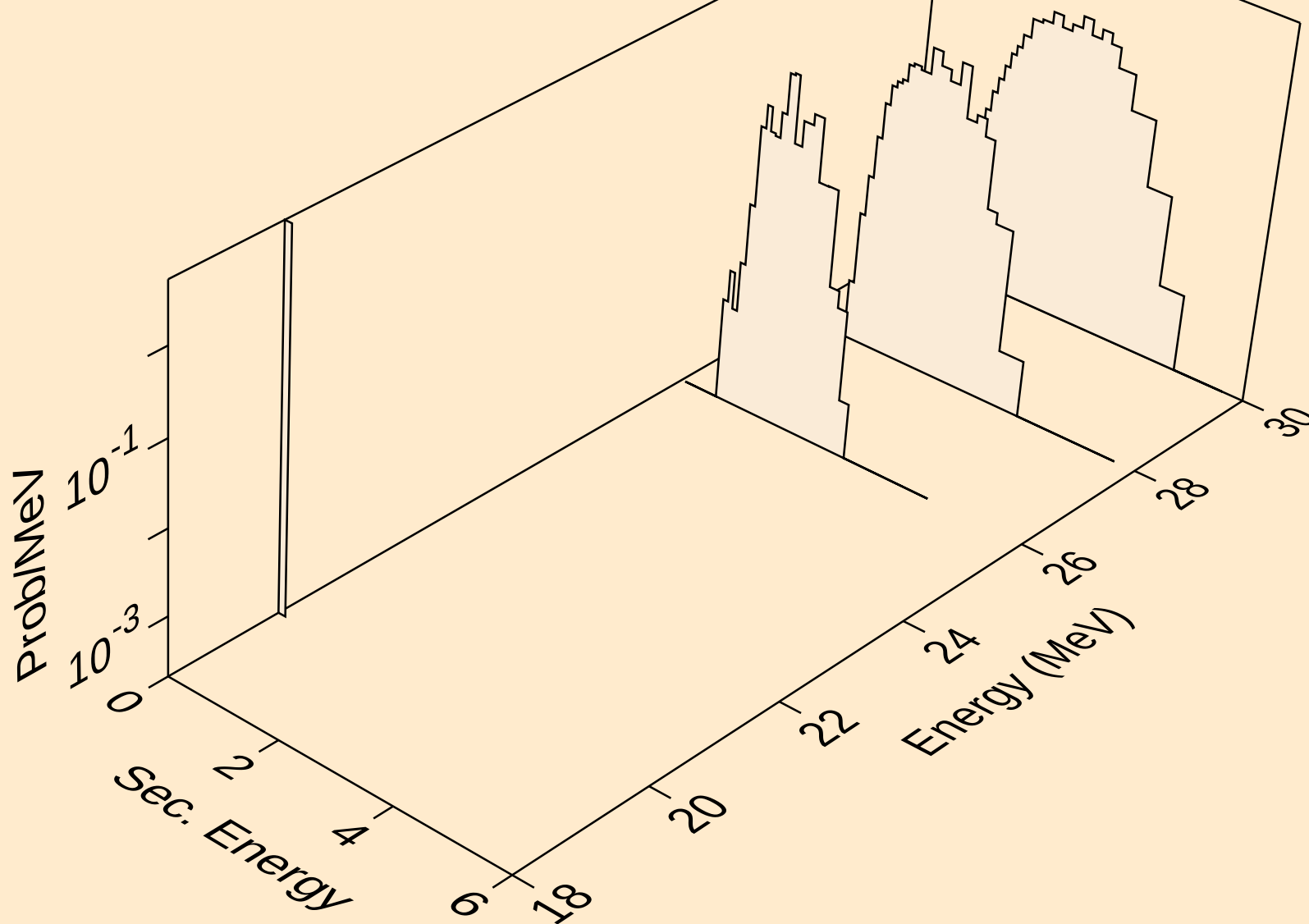
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alphas from (s,x)



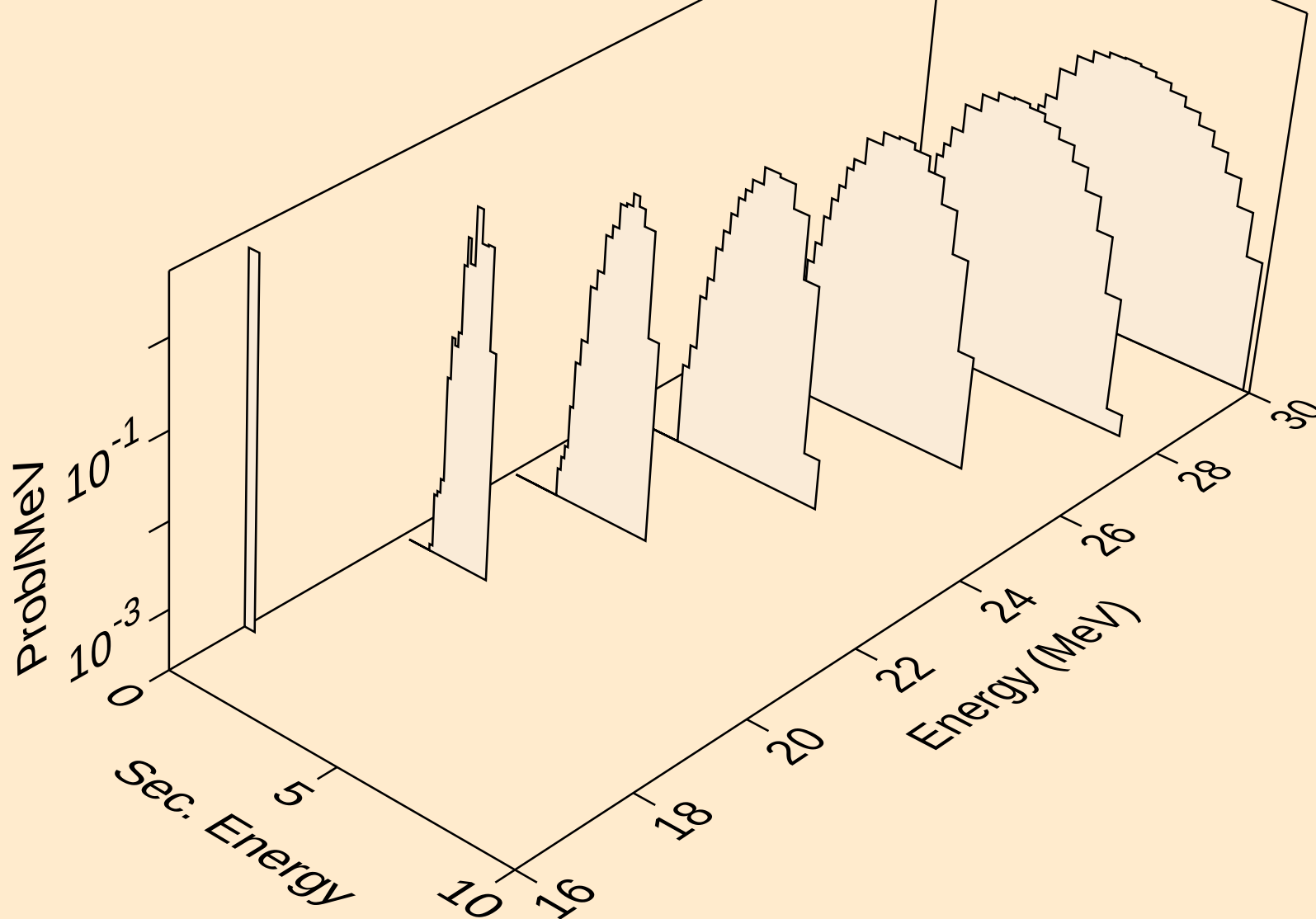
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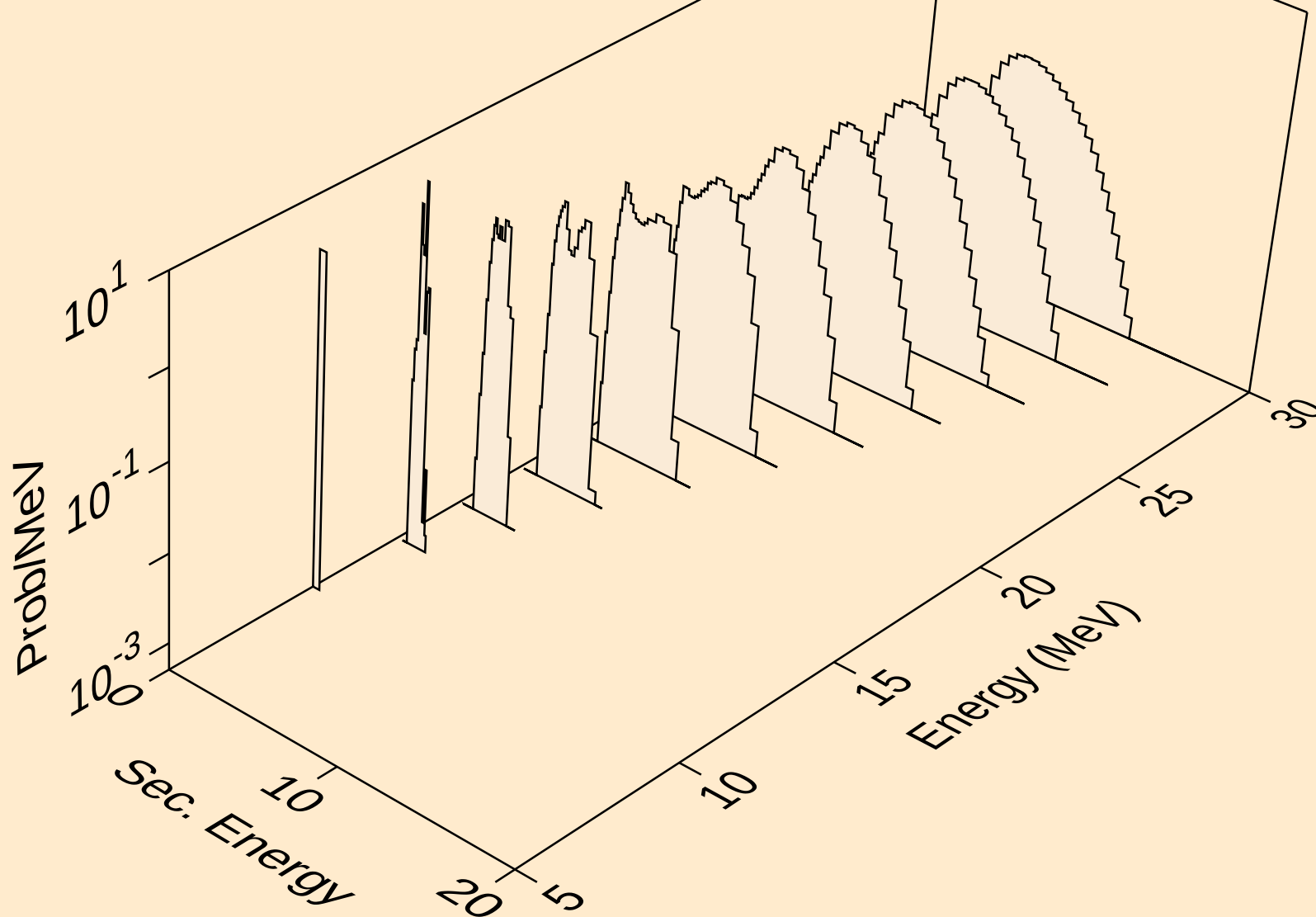
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alphas from (s,n*)3a



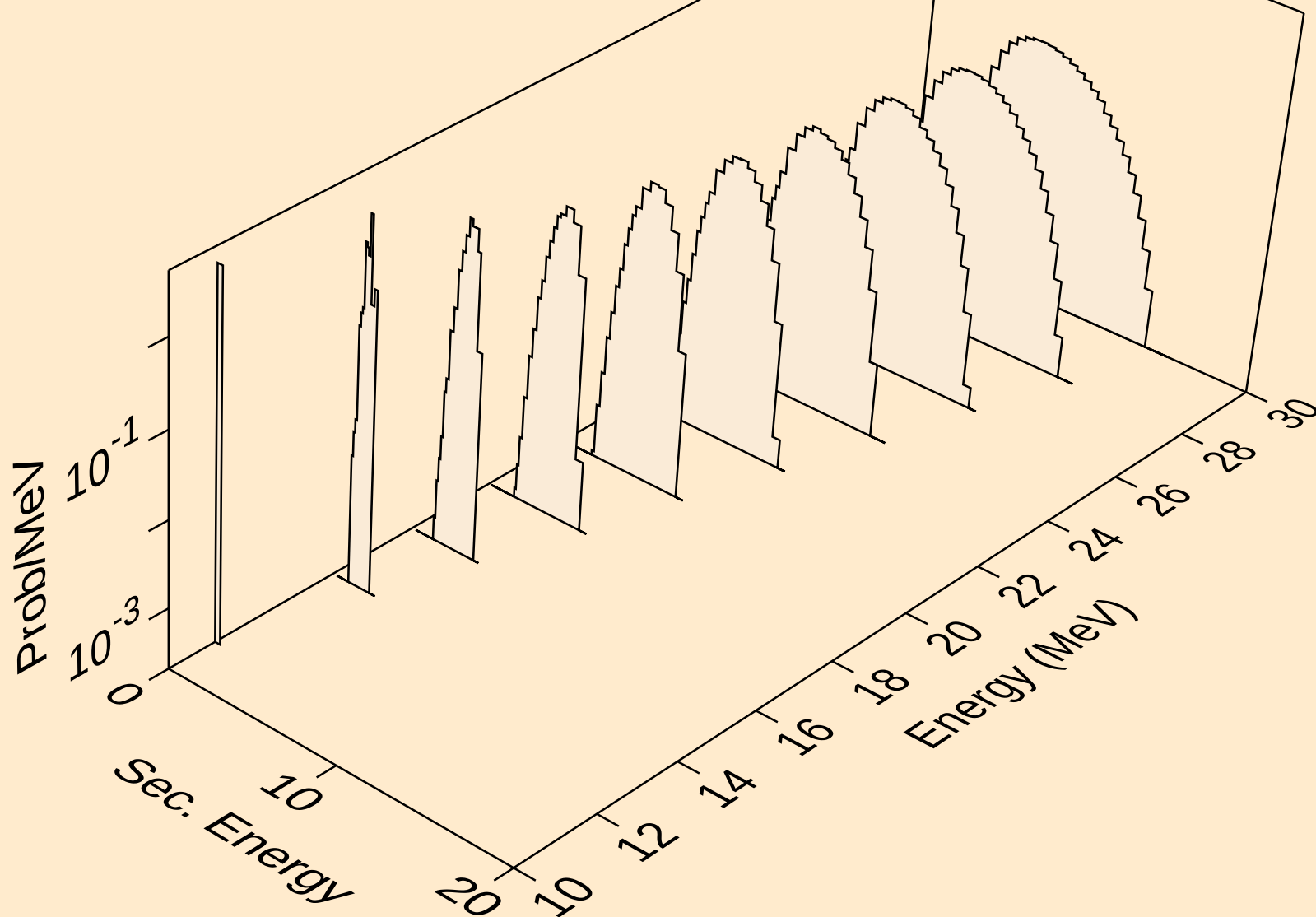
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alphas from (s,2n)a



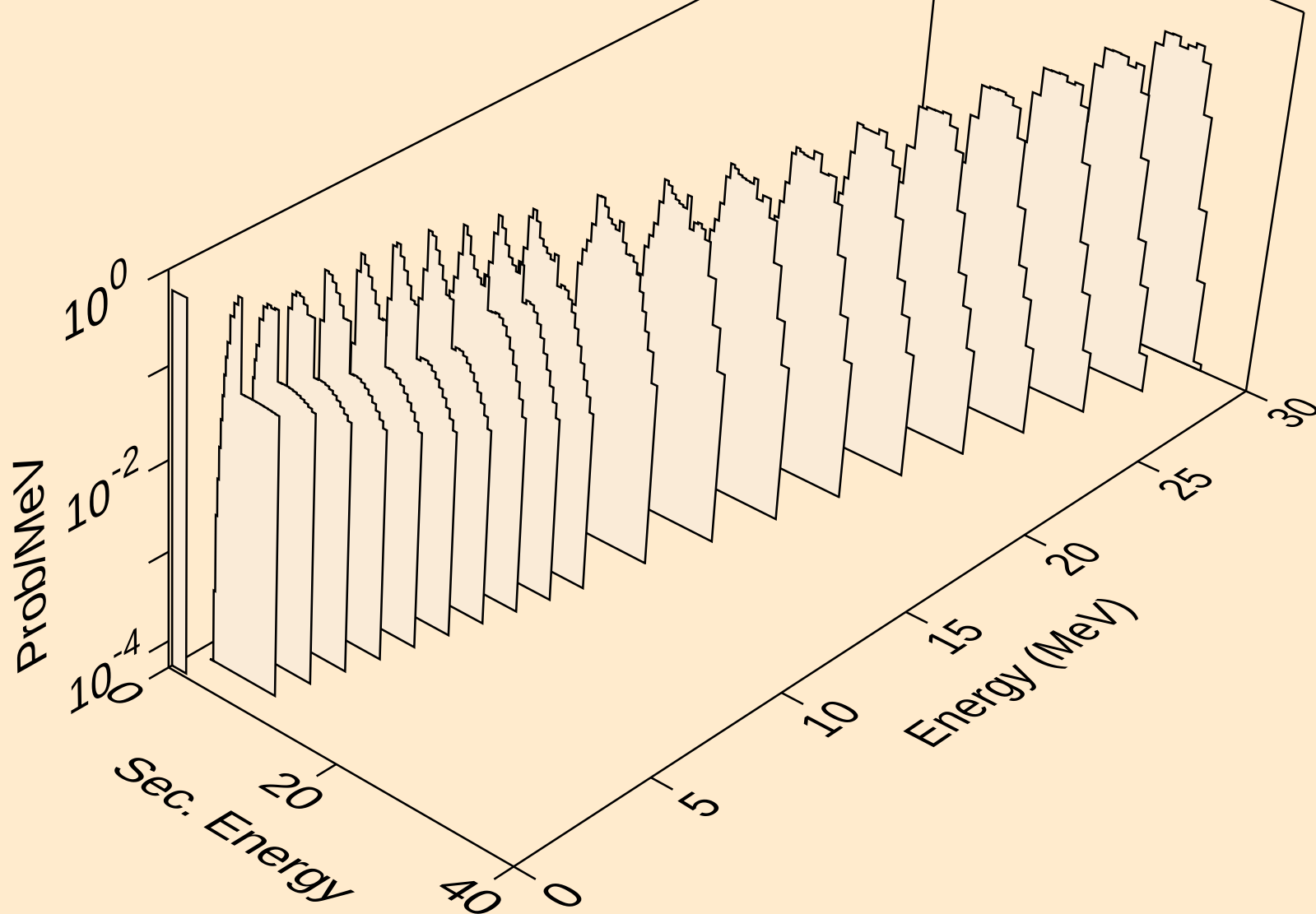
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alphas from (s,n*)2a



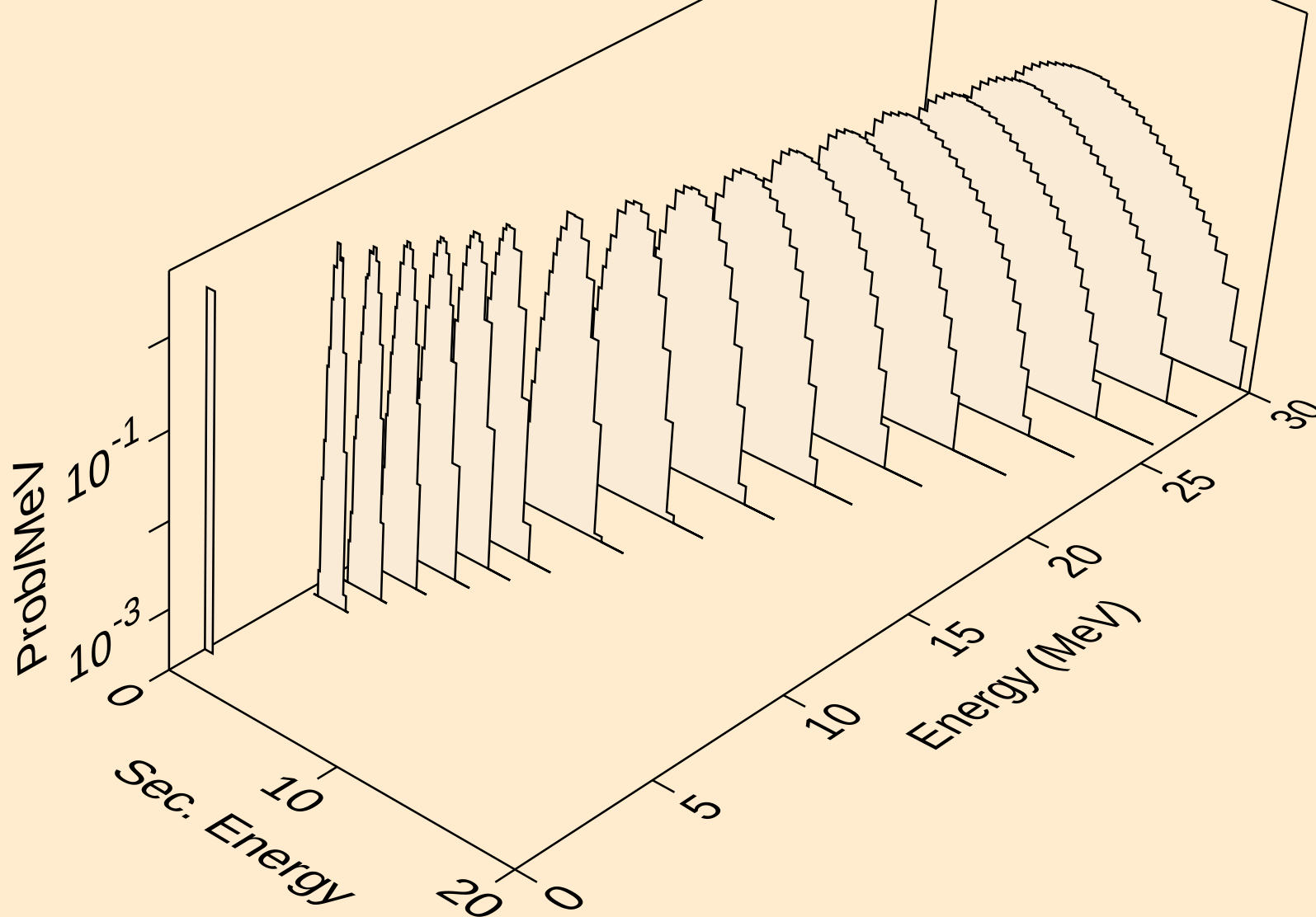
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alphas from (s,npa)



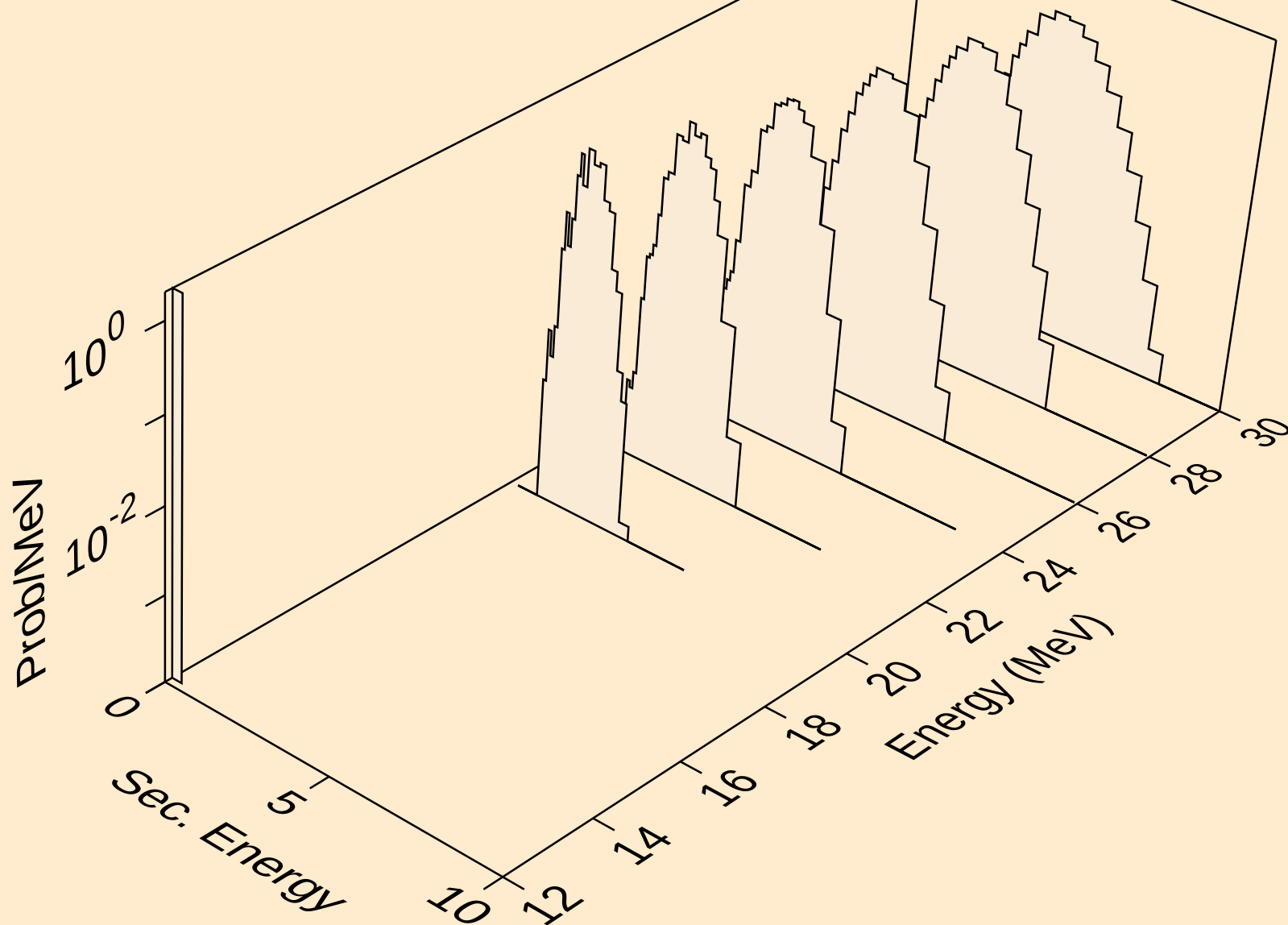
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alphas from (s,a)



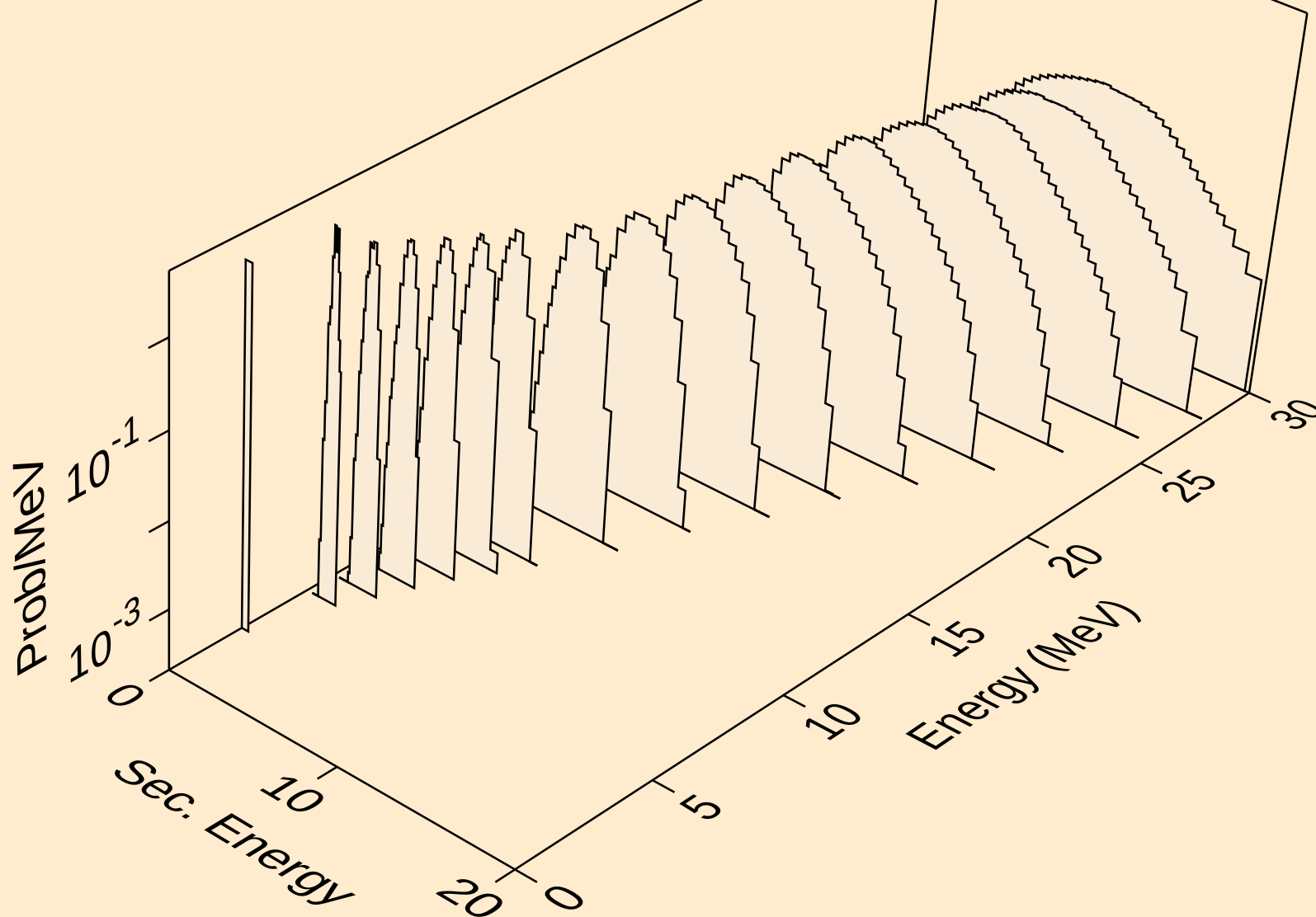
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alphas from (s,2a)



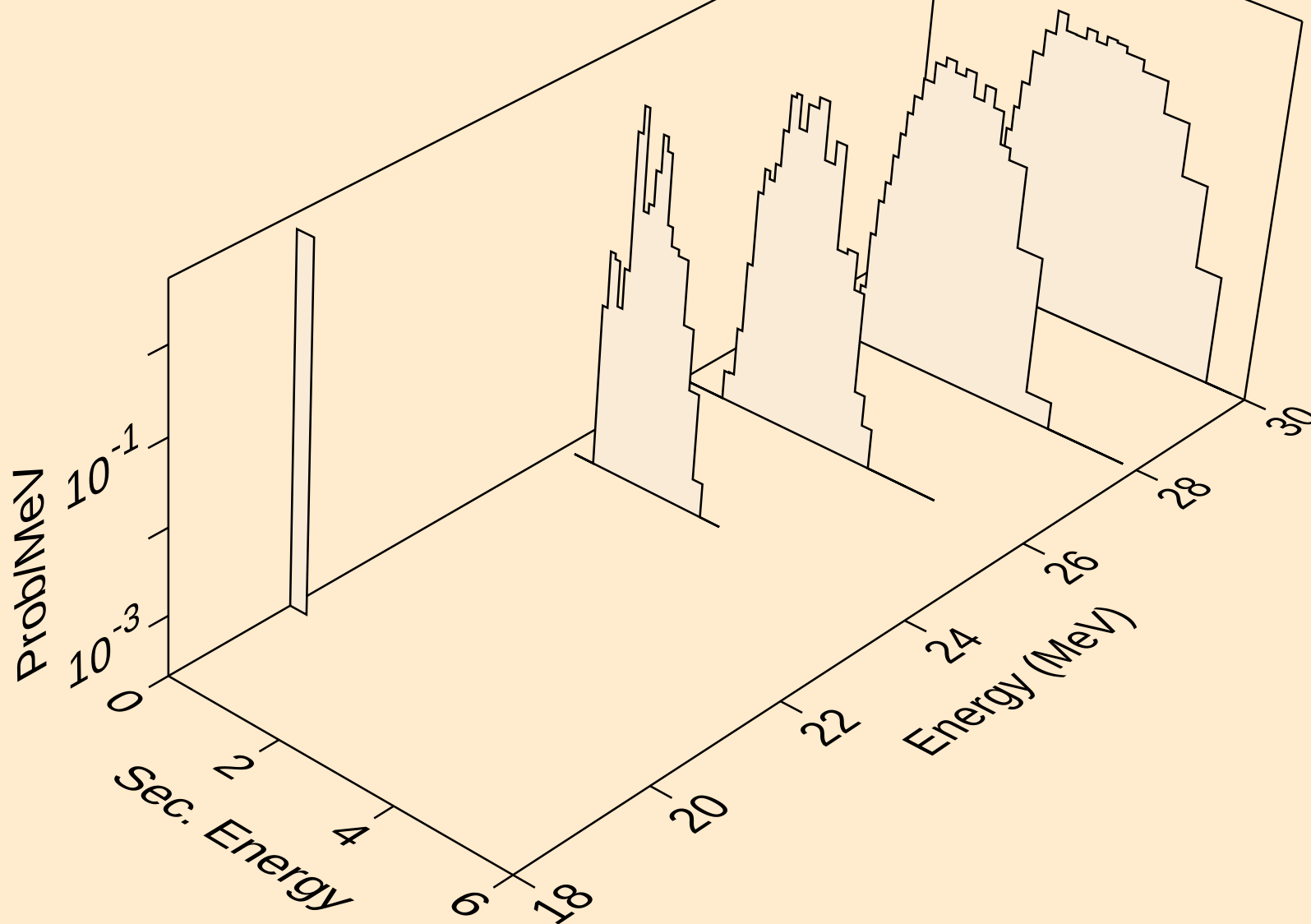
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alphas from (s,3a)



SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,pa)



SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,d2a)



SI030 HELION ACER TENDL-2021 LIBRARY; T=0.K
alphas from (s,da)

