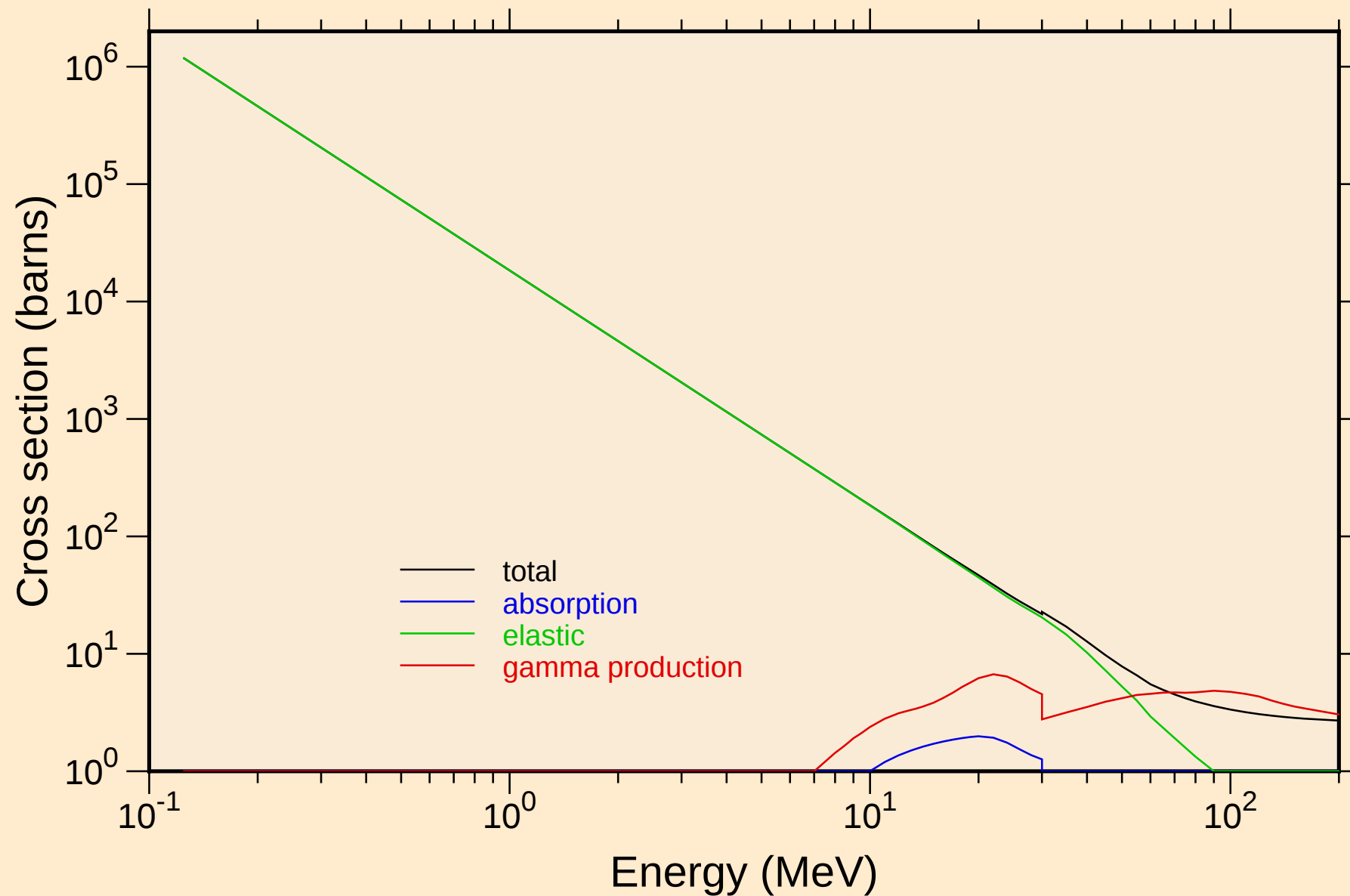
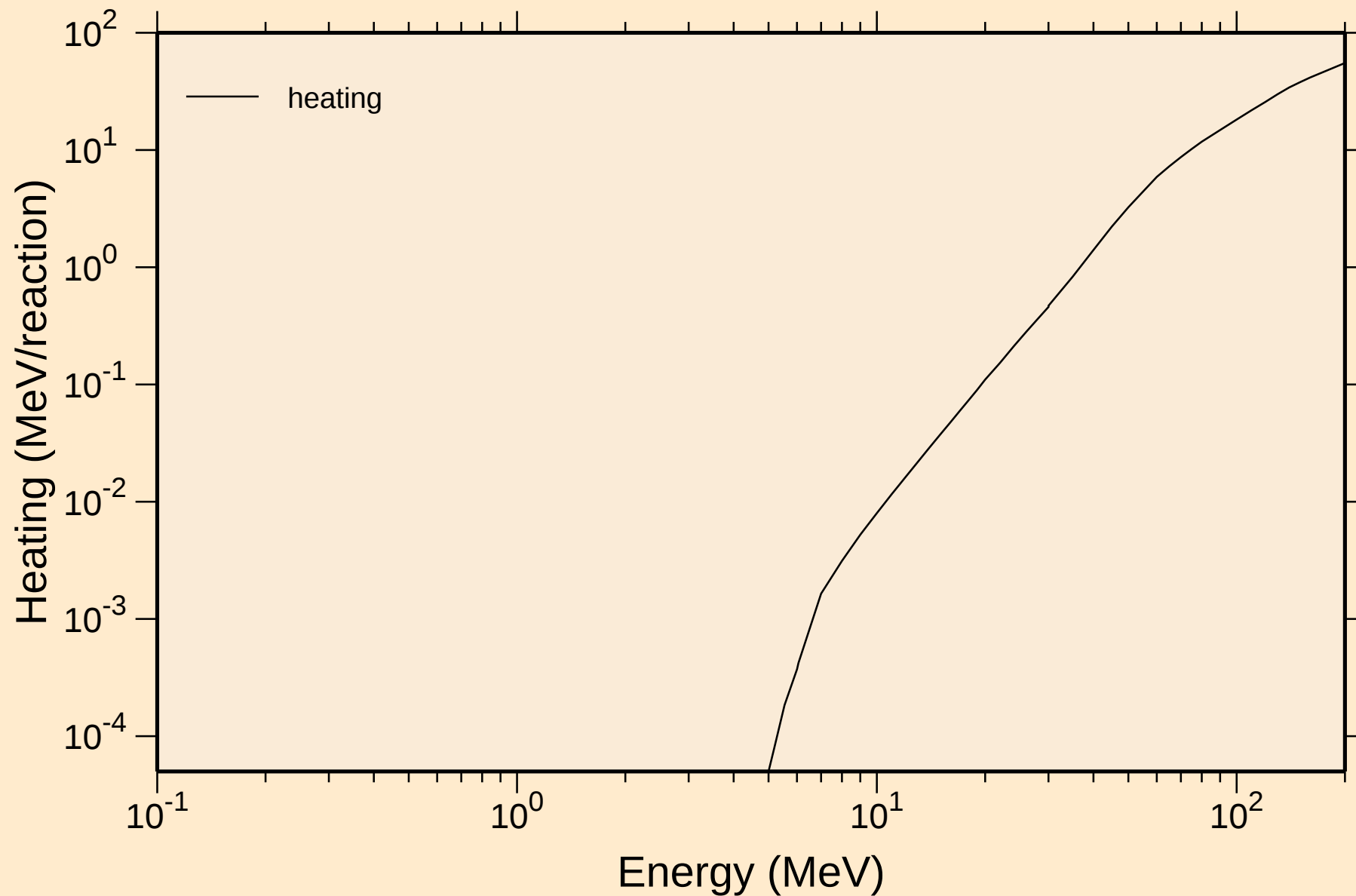


XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
Principal cross sections



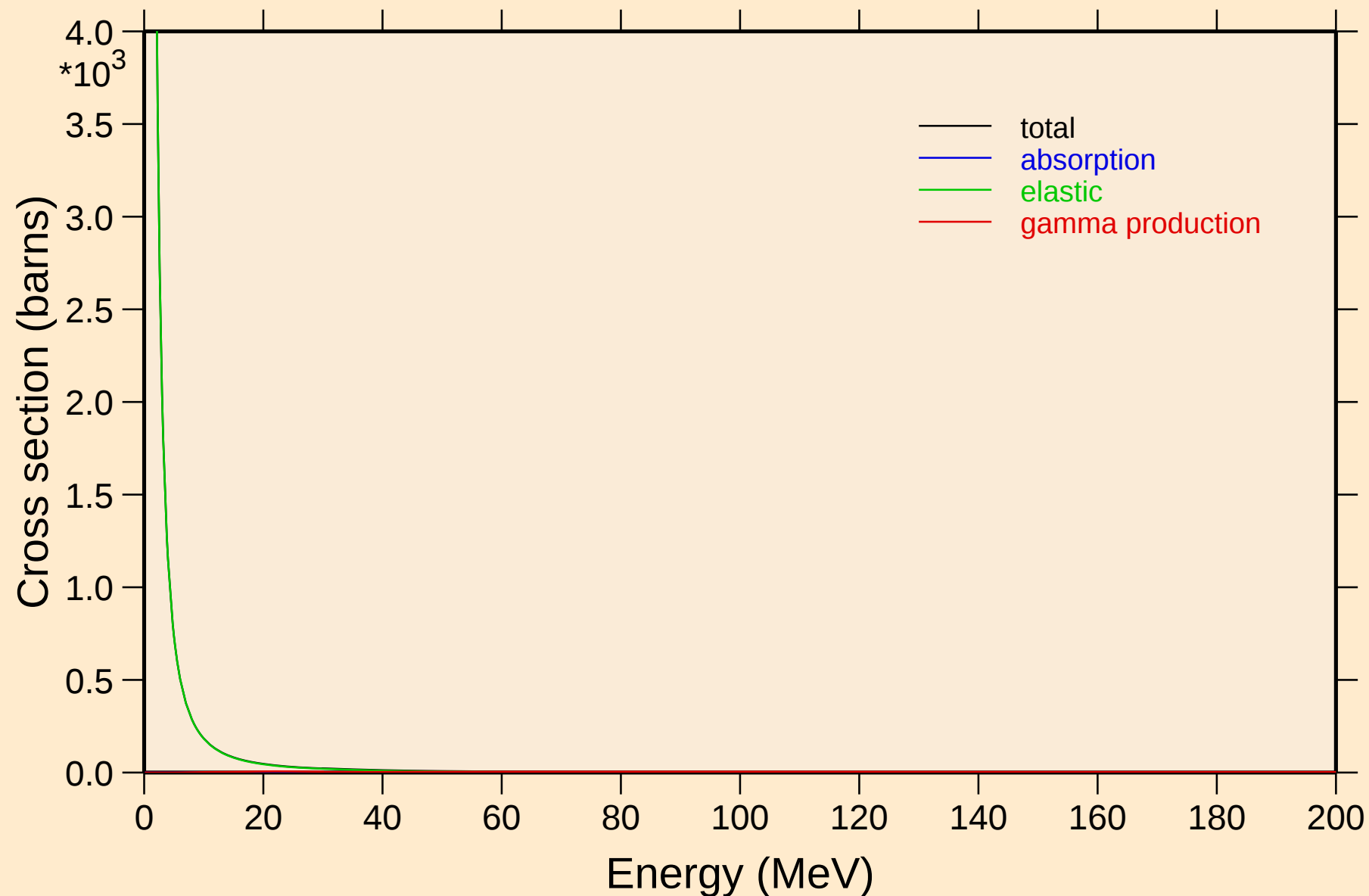
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Heating



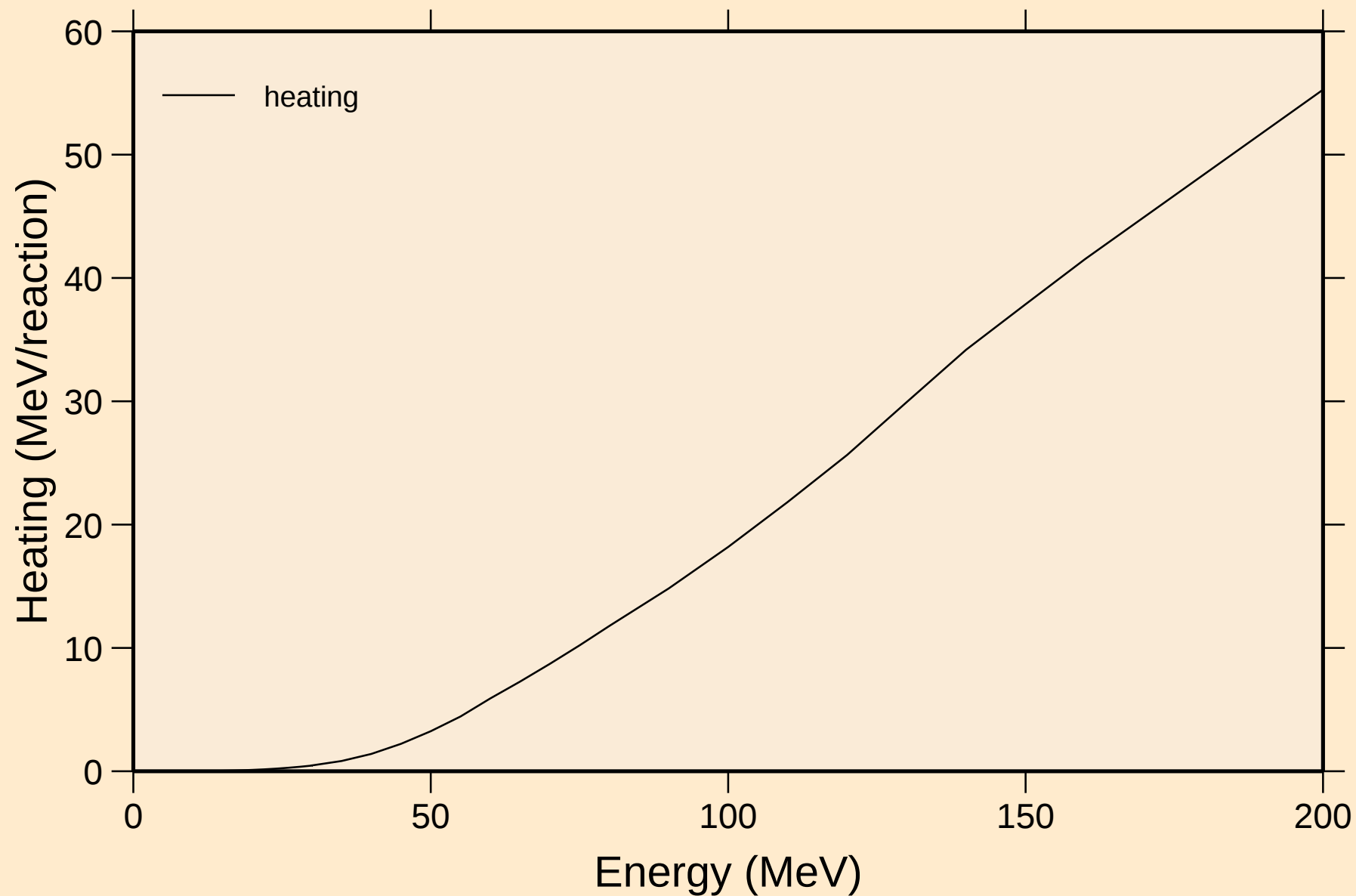
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Principal cross sections



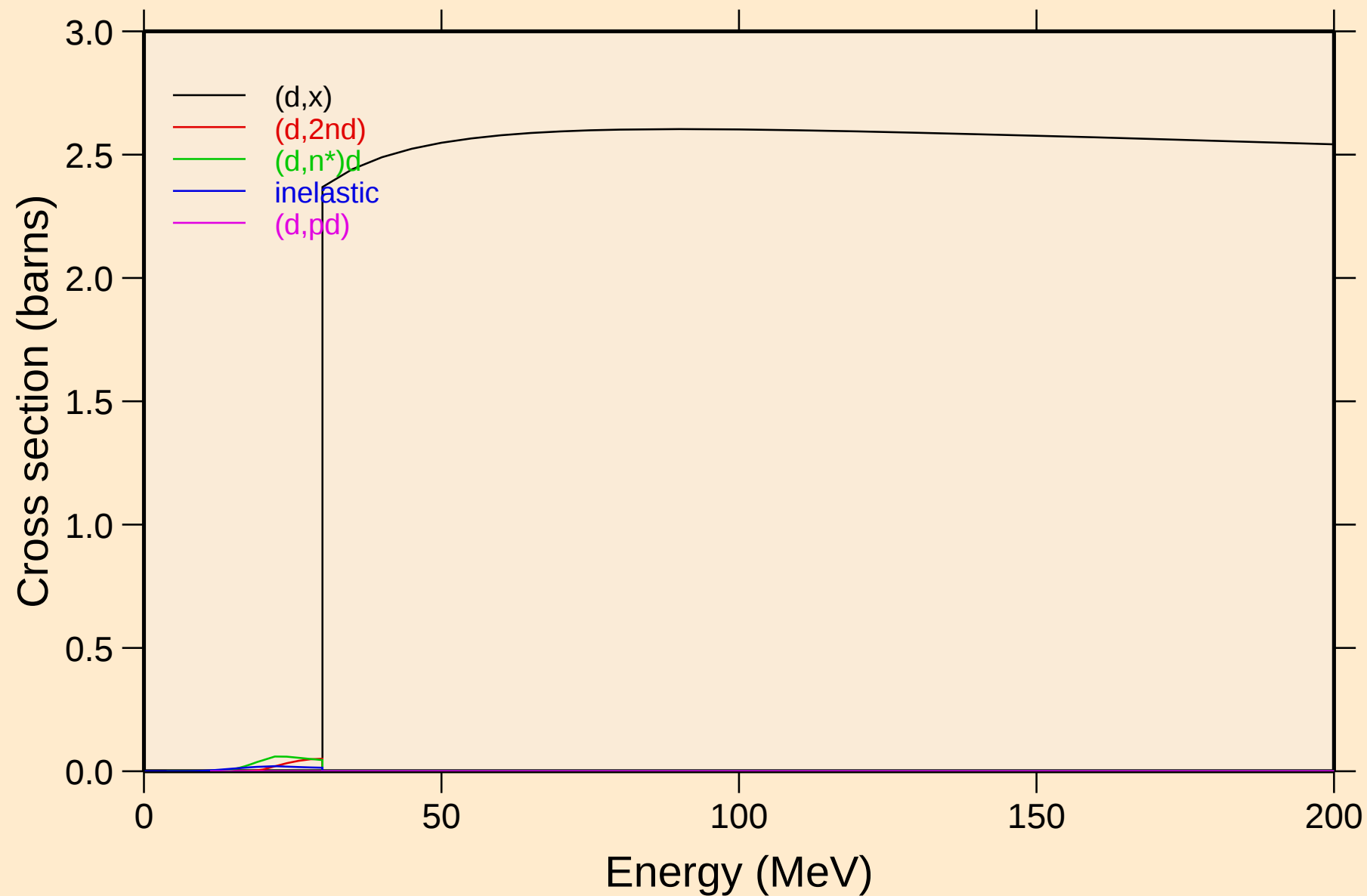
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Heating

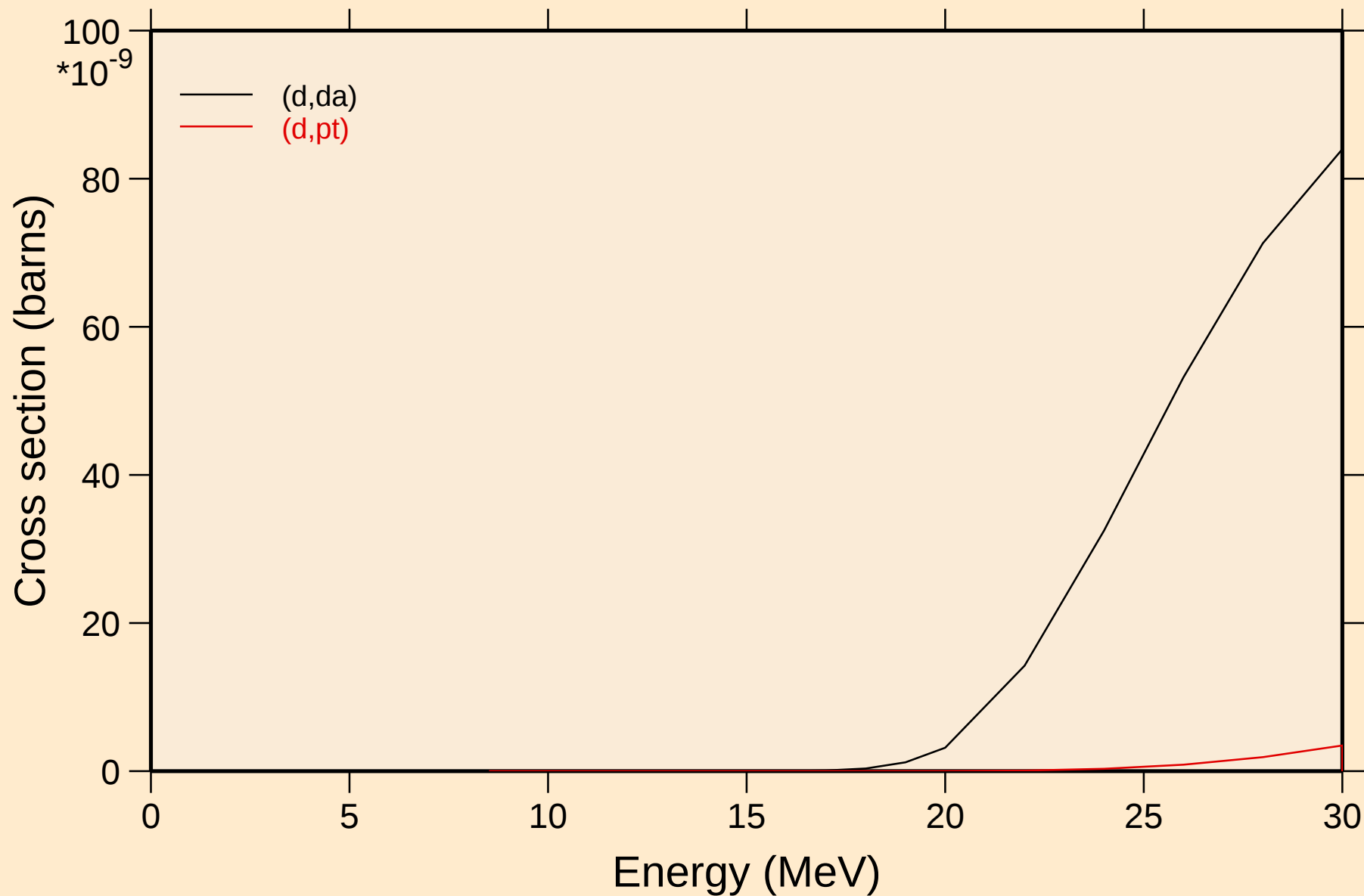


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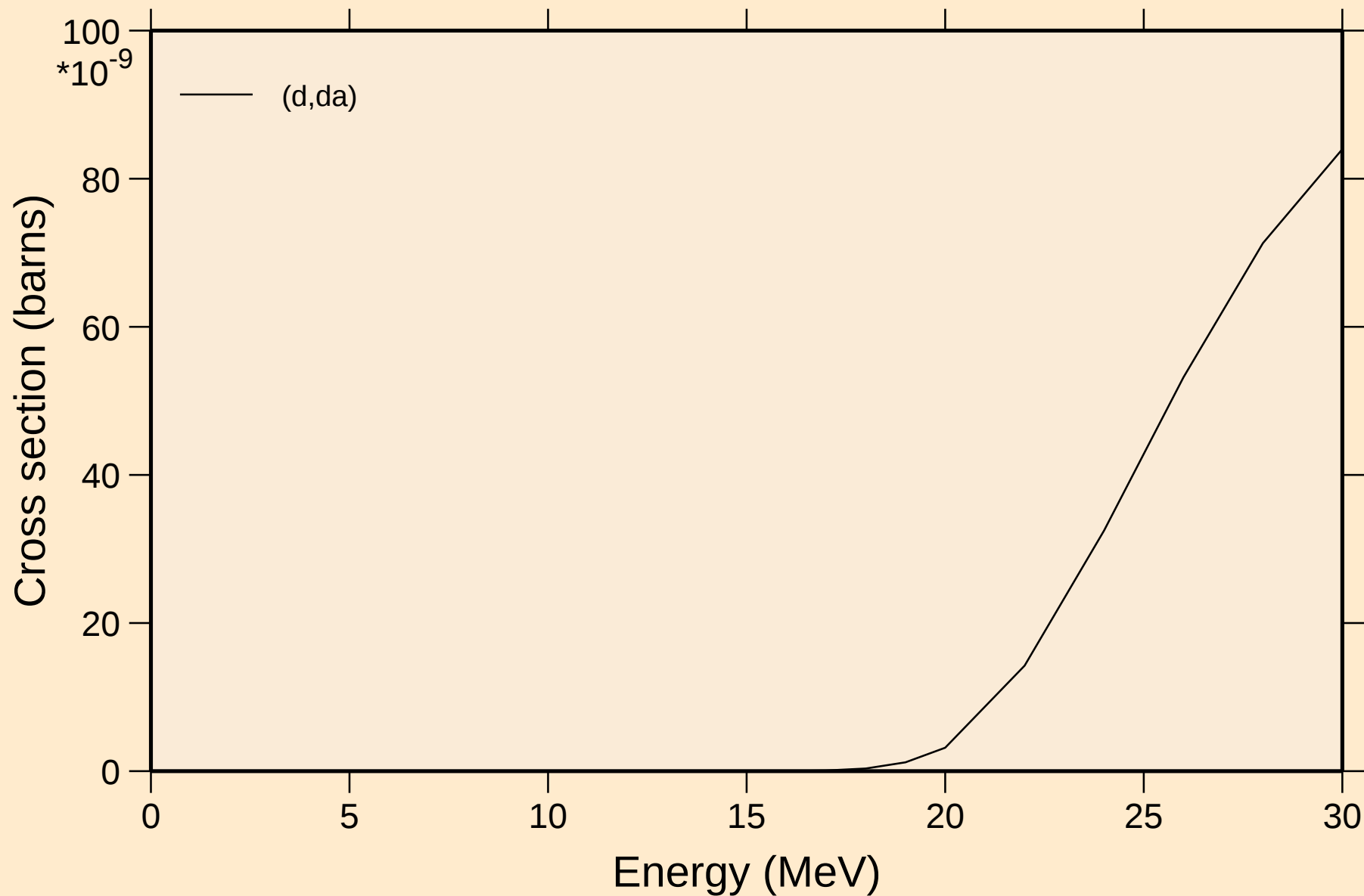
Threshold reactions



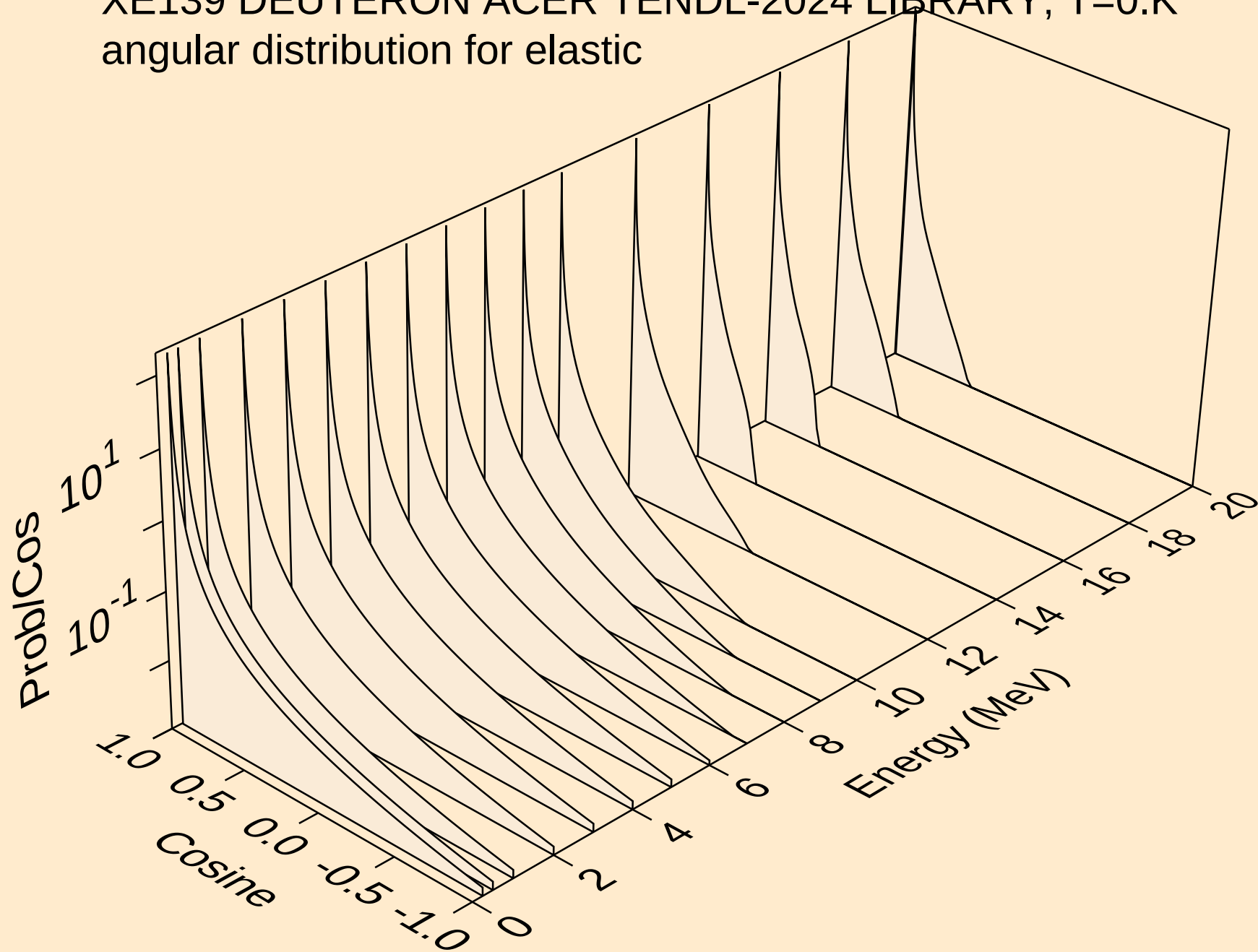
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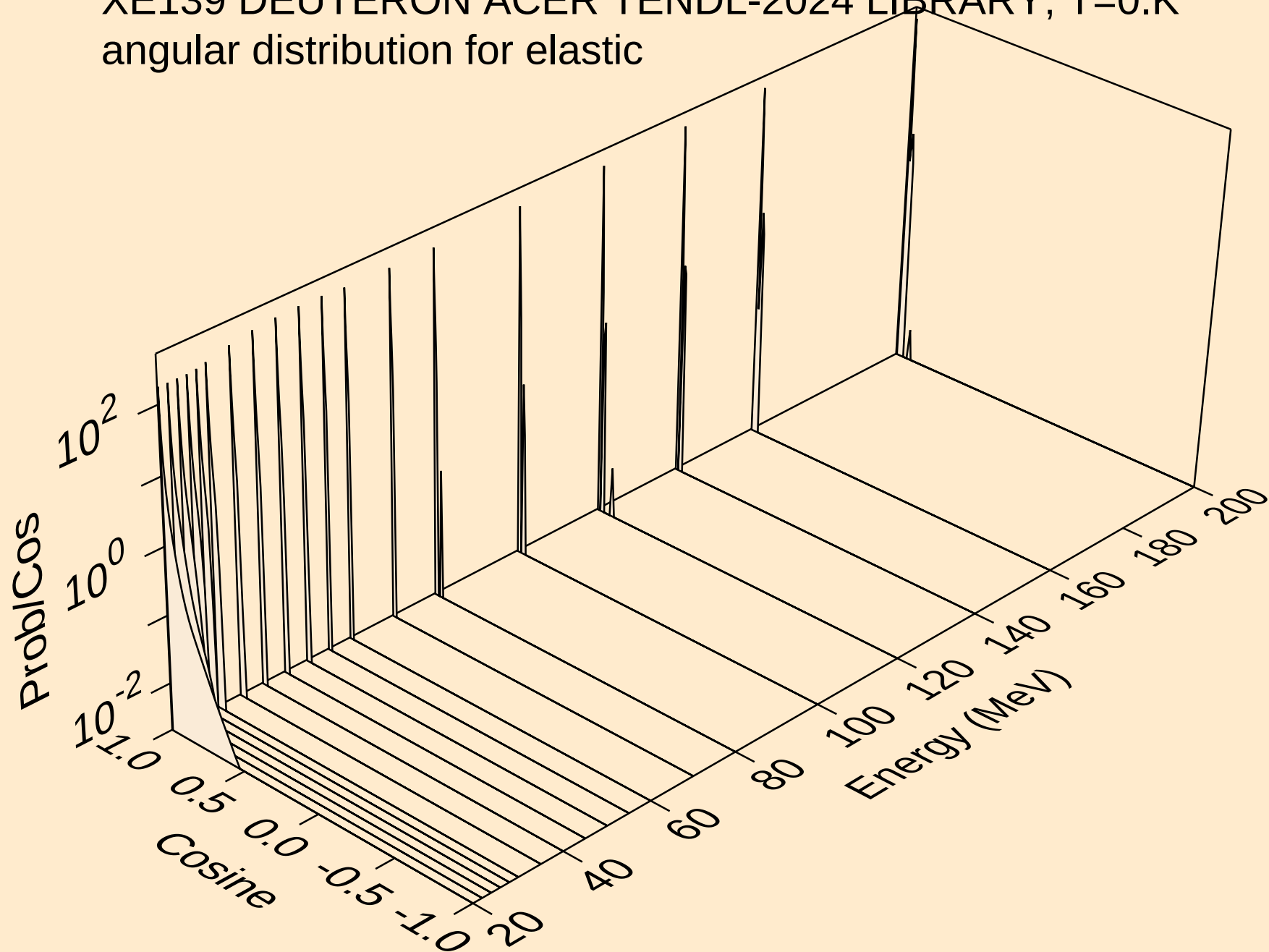
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Threshold reactions



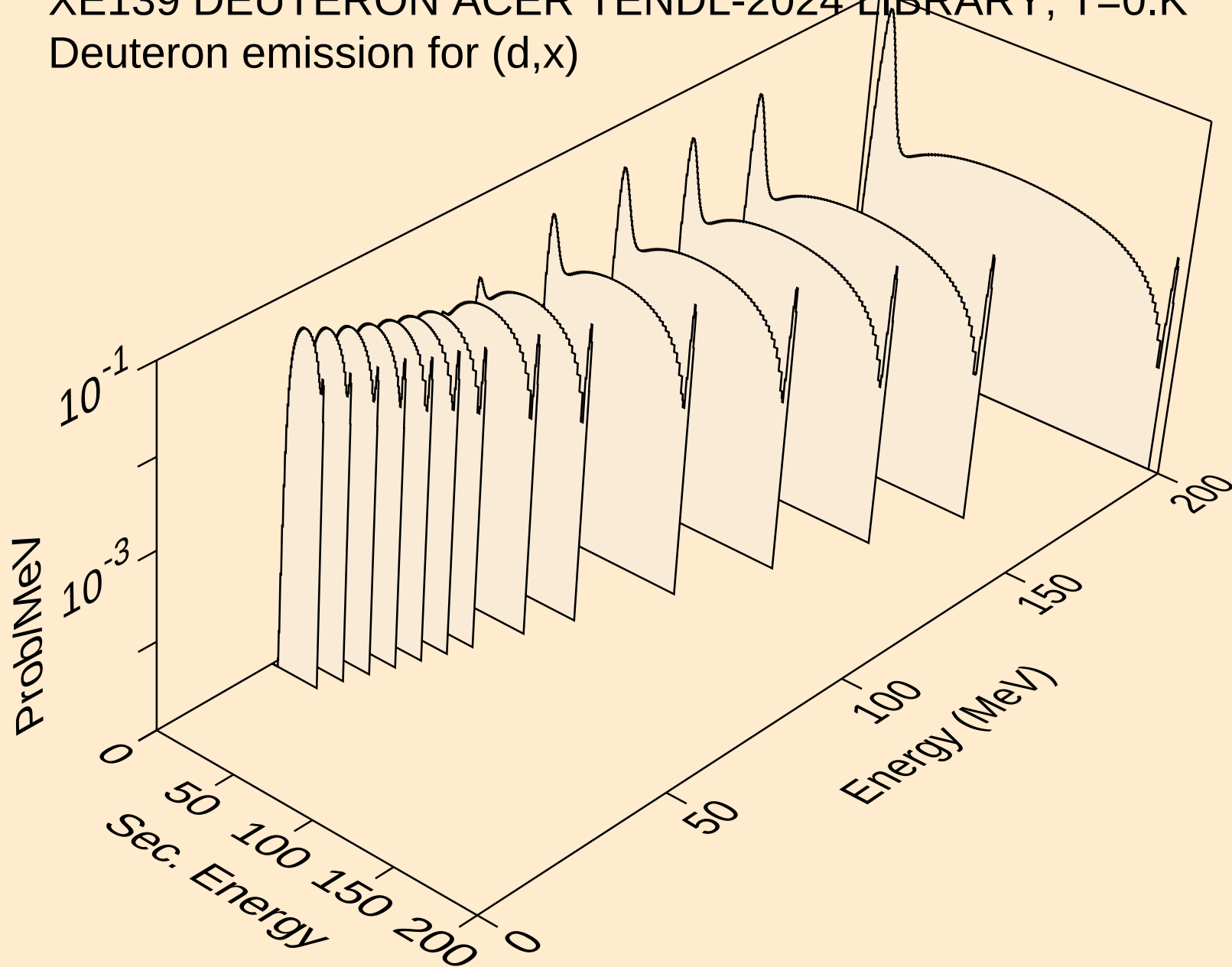
XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



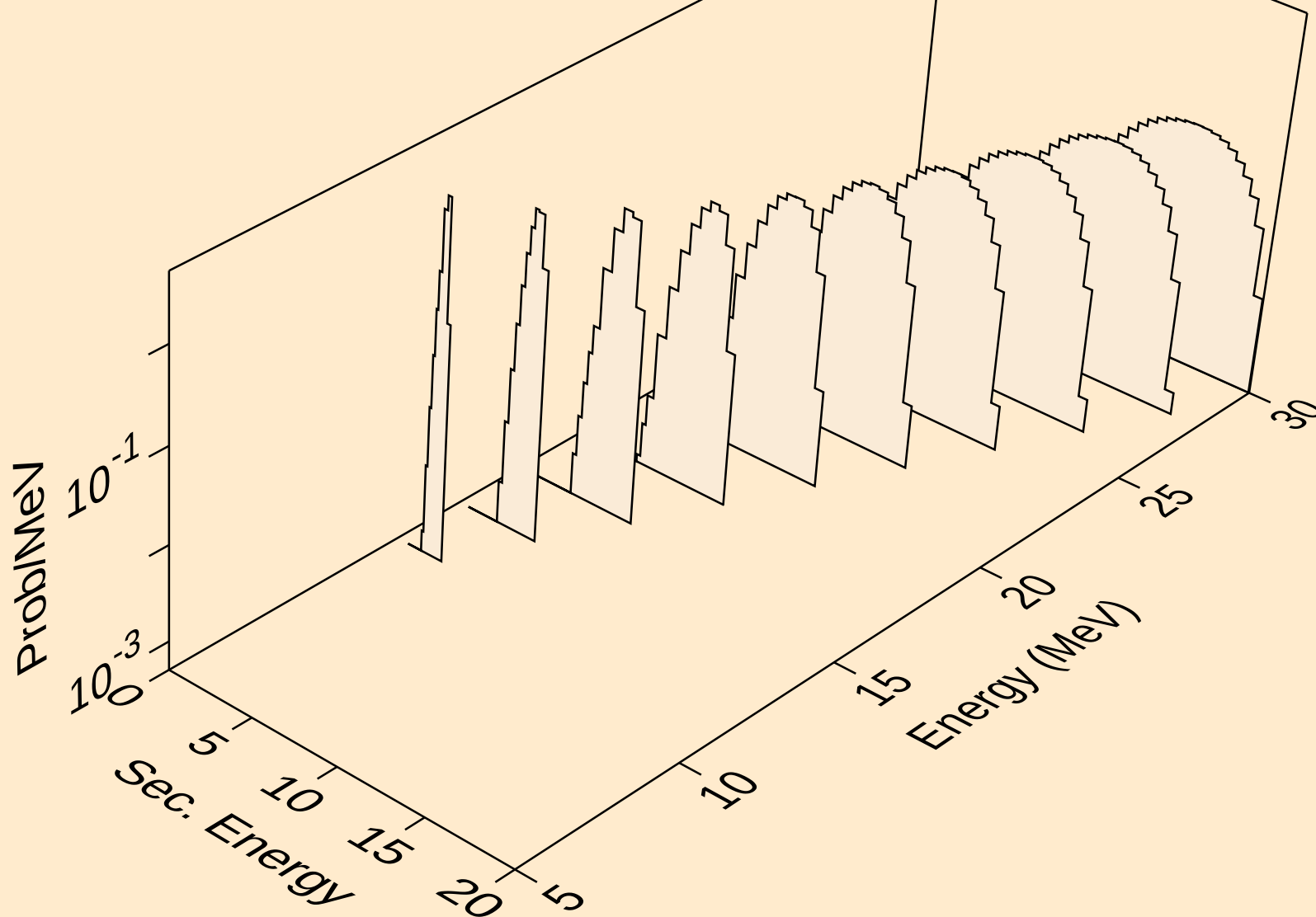
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angular distribution for elastic



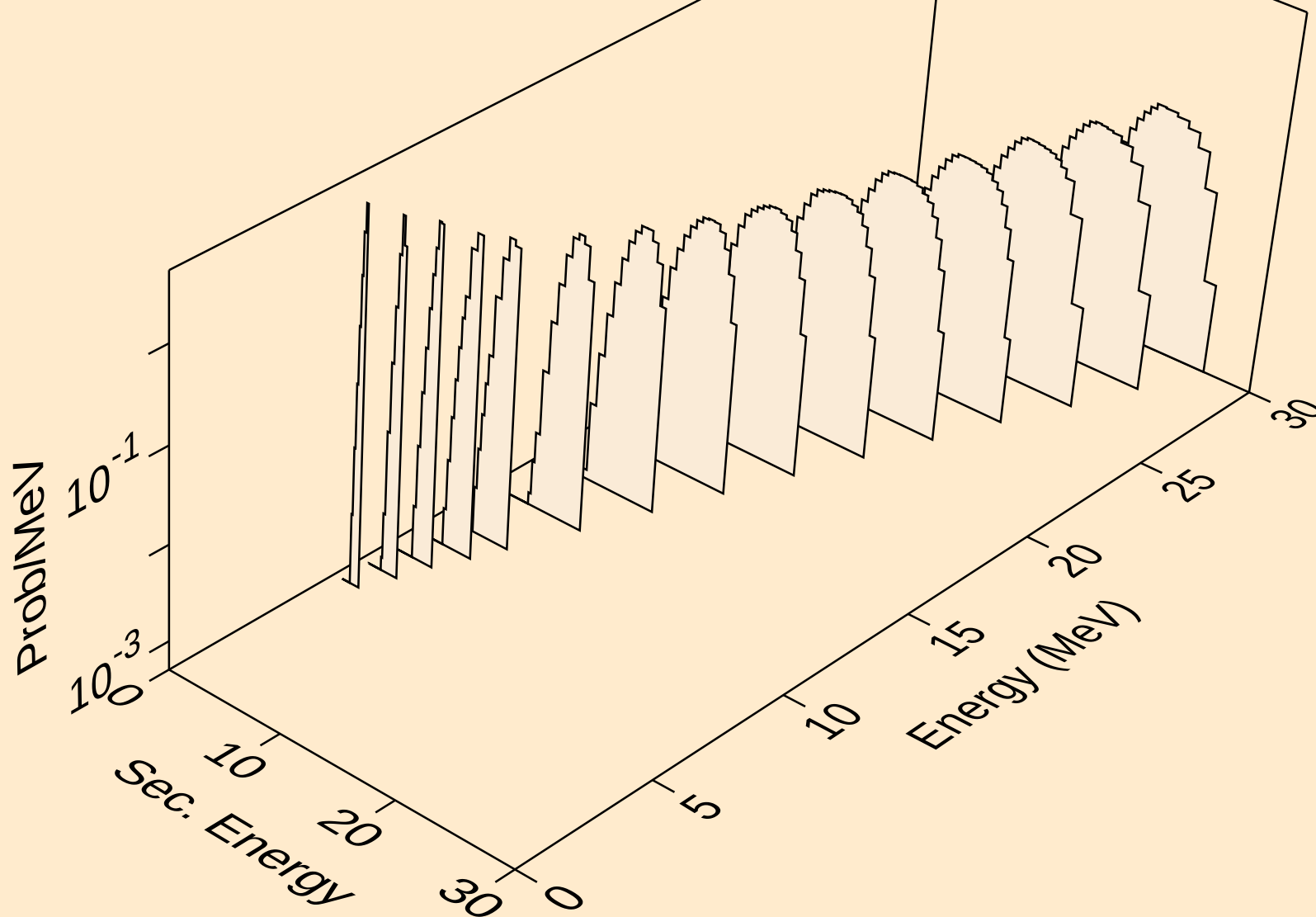
XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
Deuteron emission for (d,x)



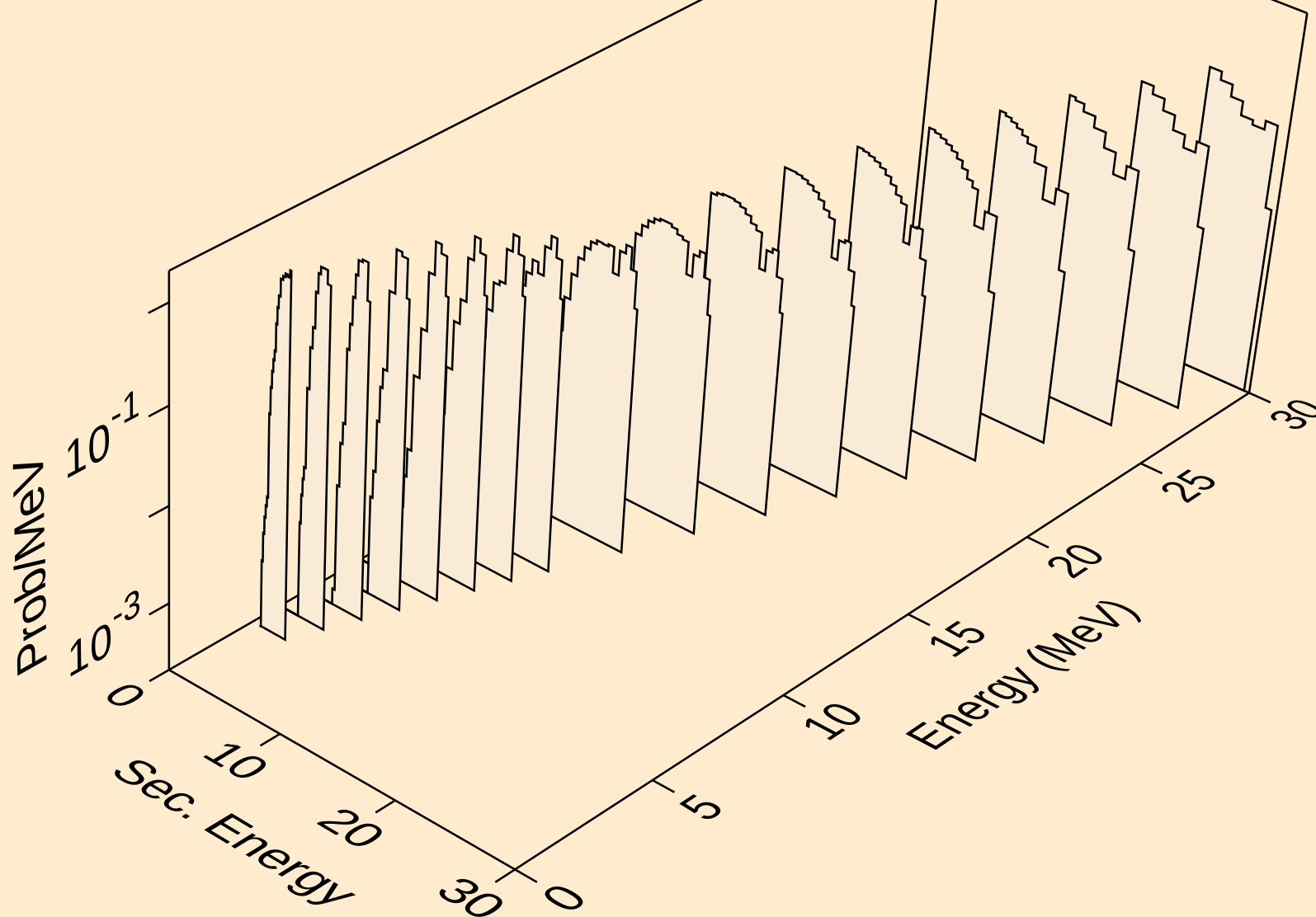
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Deuteron emission for (d,2nd)



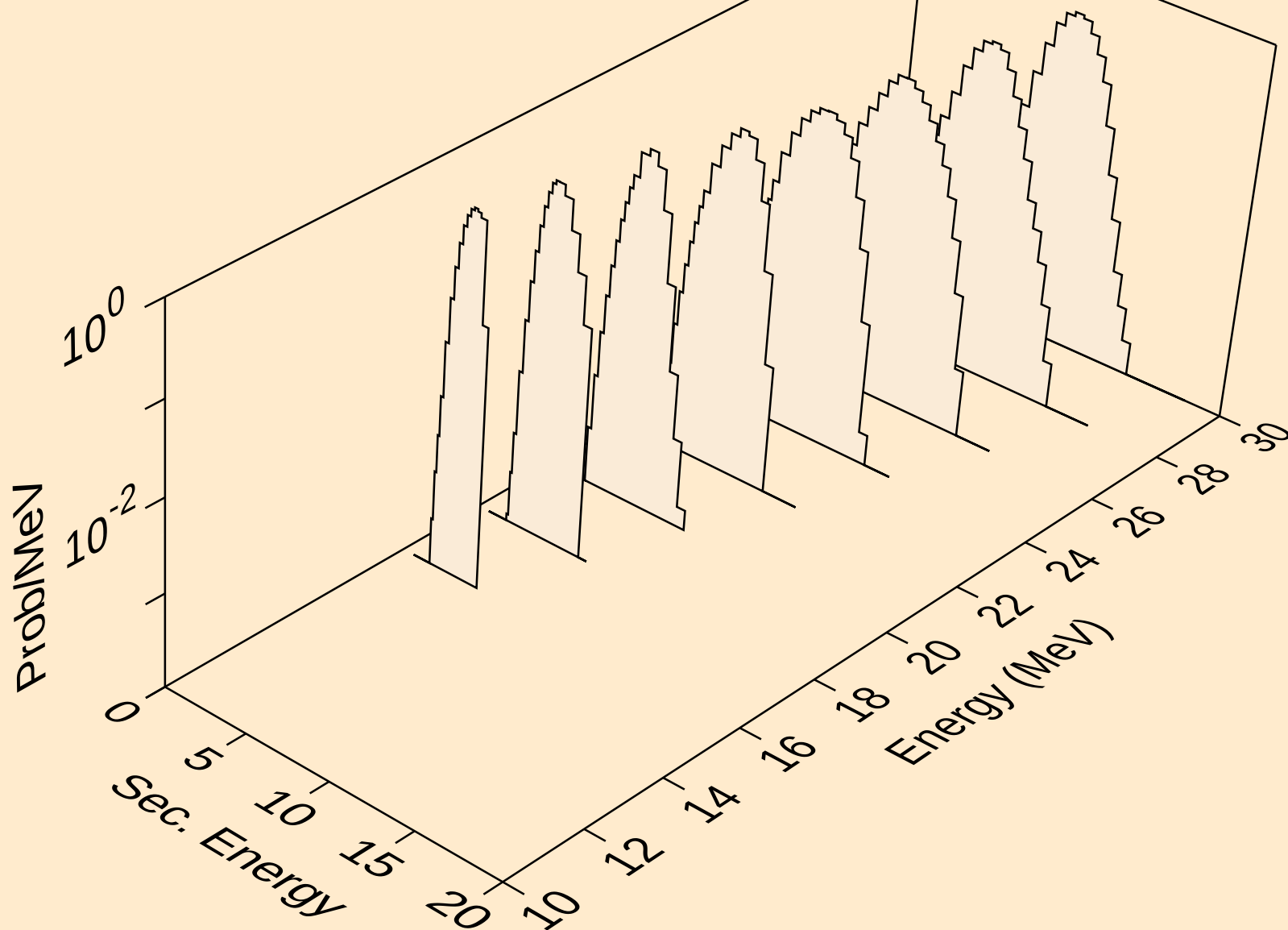
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Deuteron emission for (d,n*)d



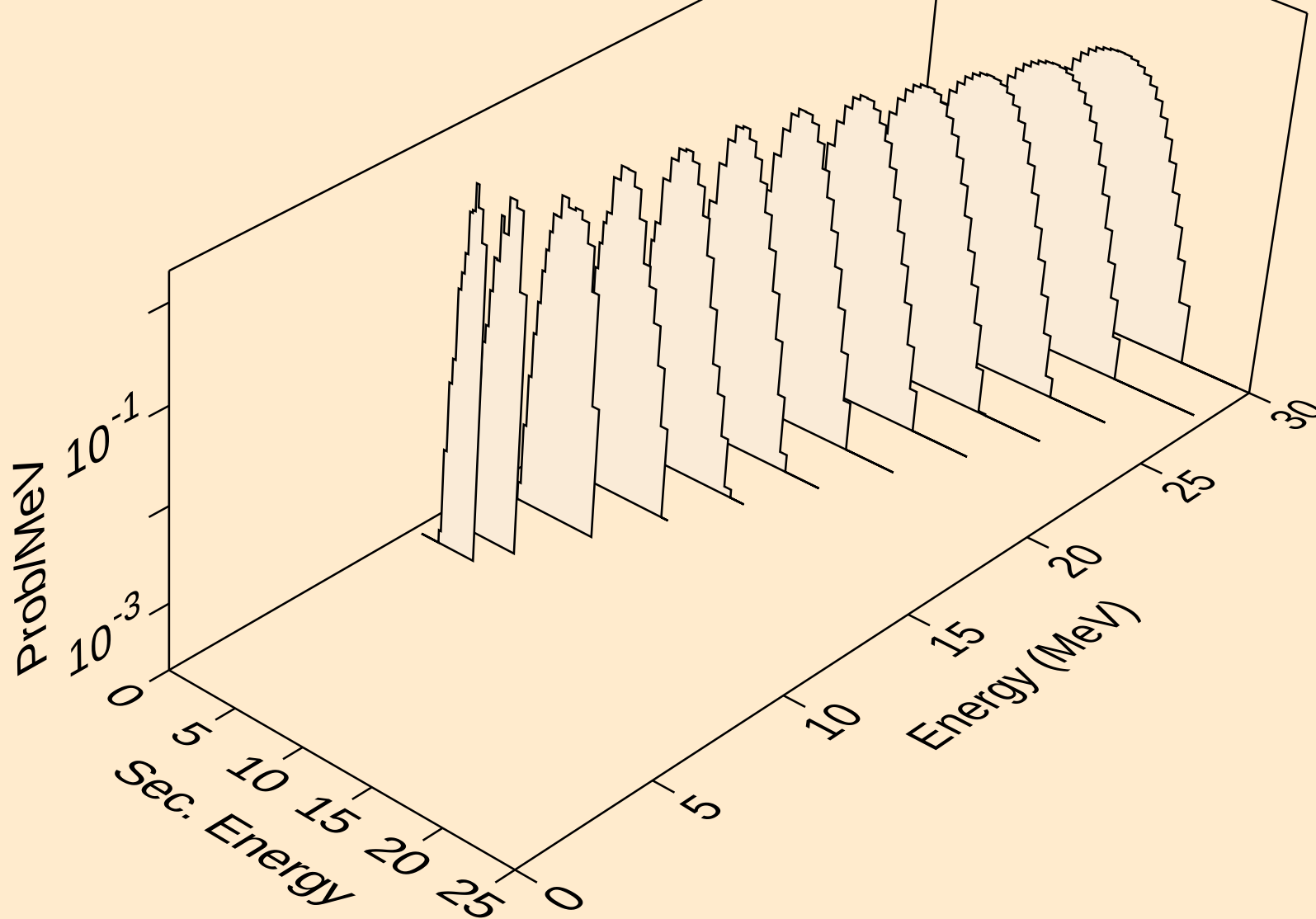
XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
Deuteron emission for inelastic



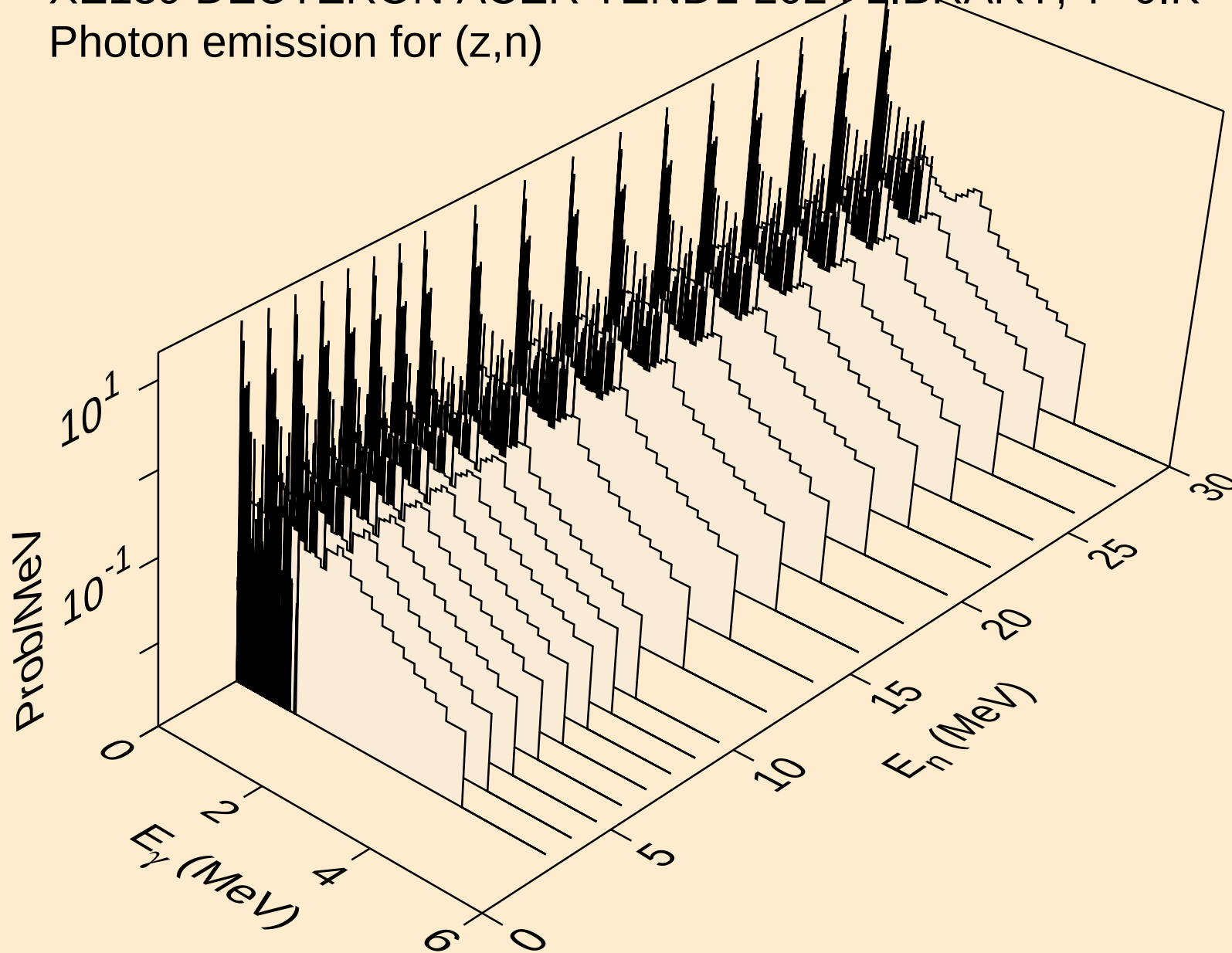
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Deuteron emission for (d,pd)



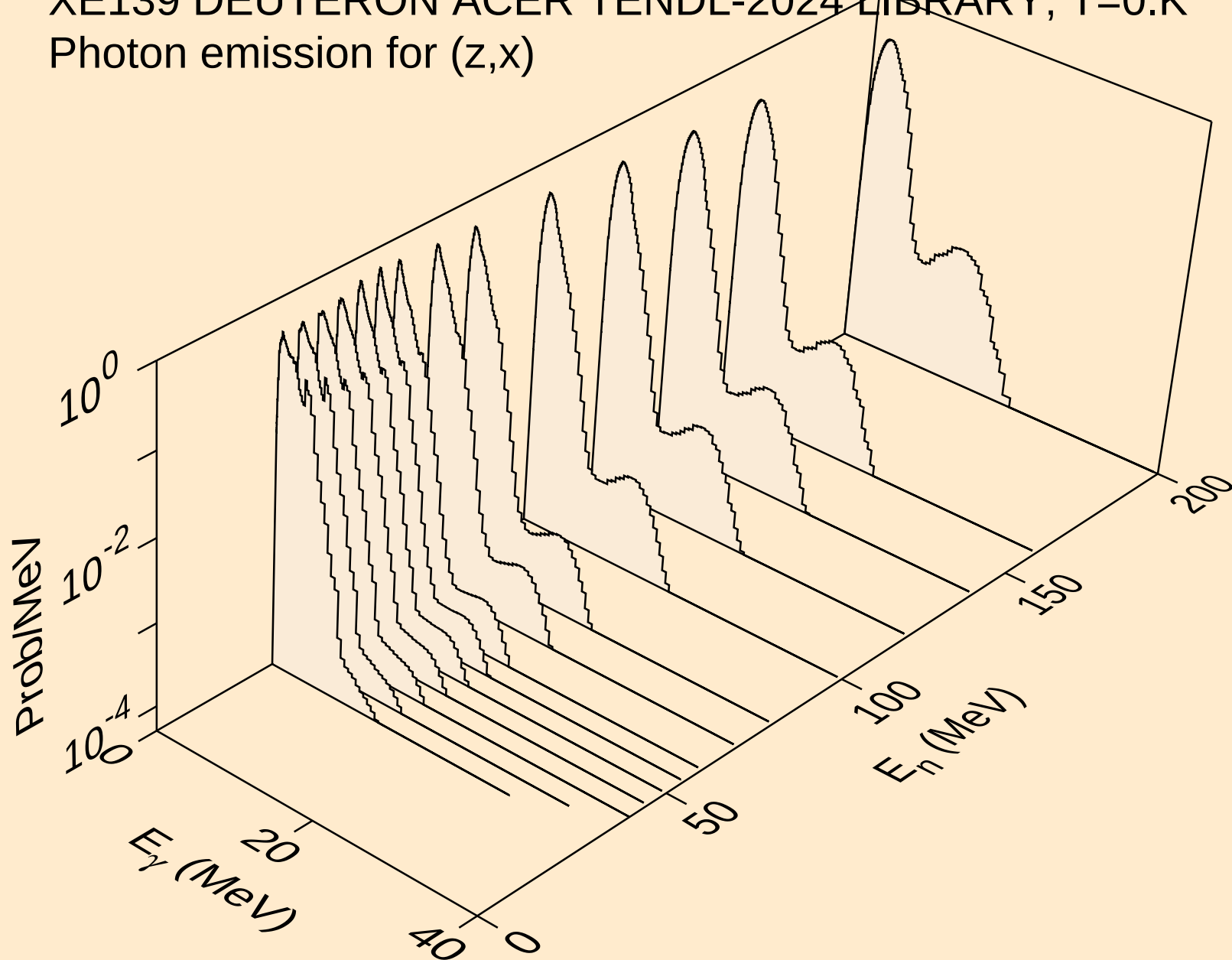
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Deuteron emission for (d,da)



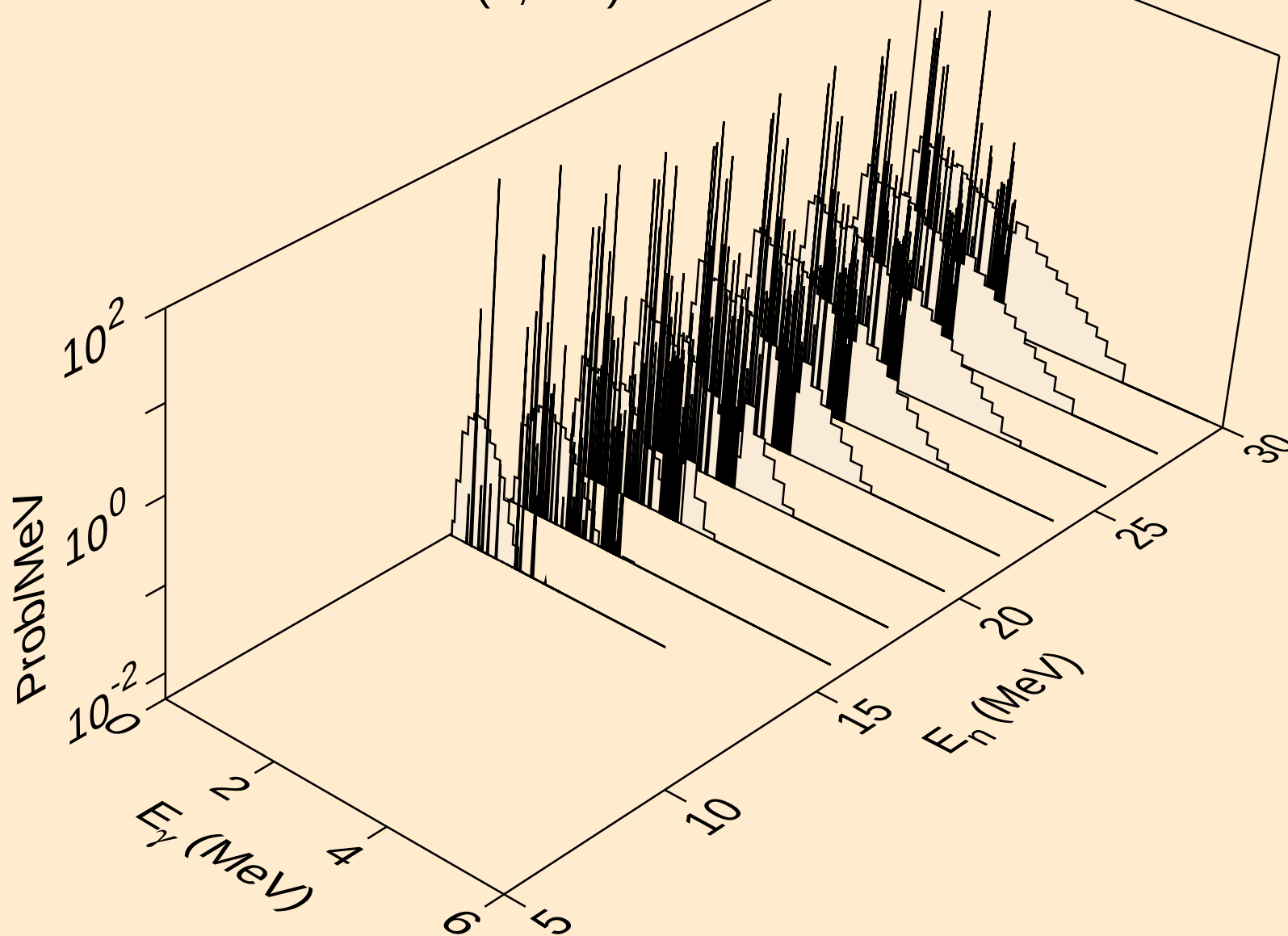
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Photon emission for (z,n)



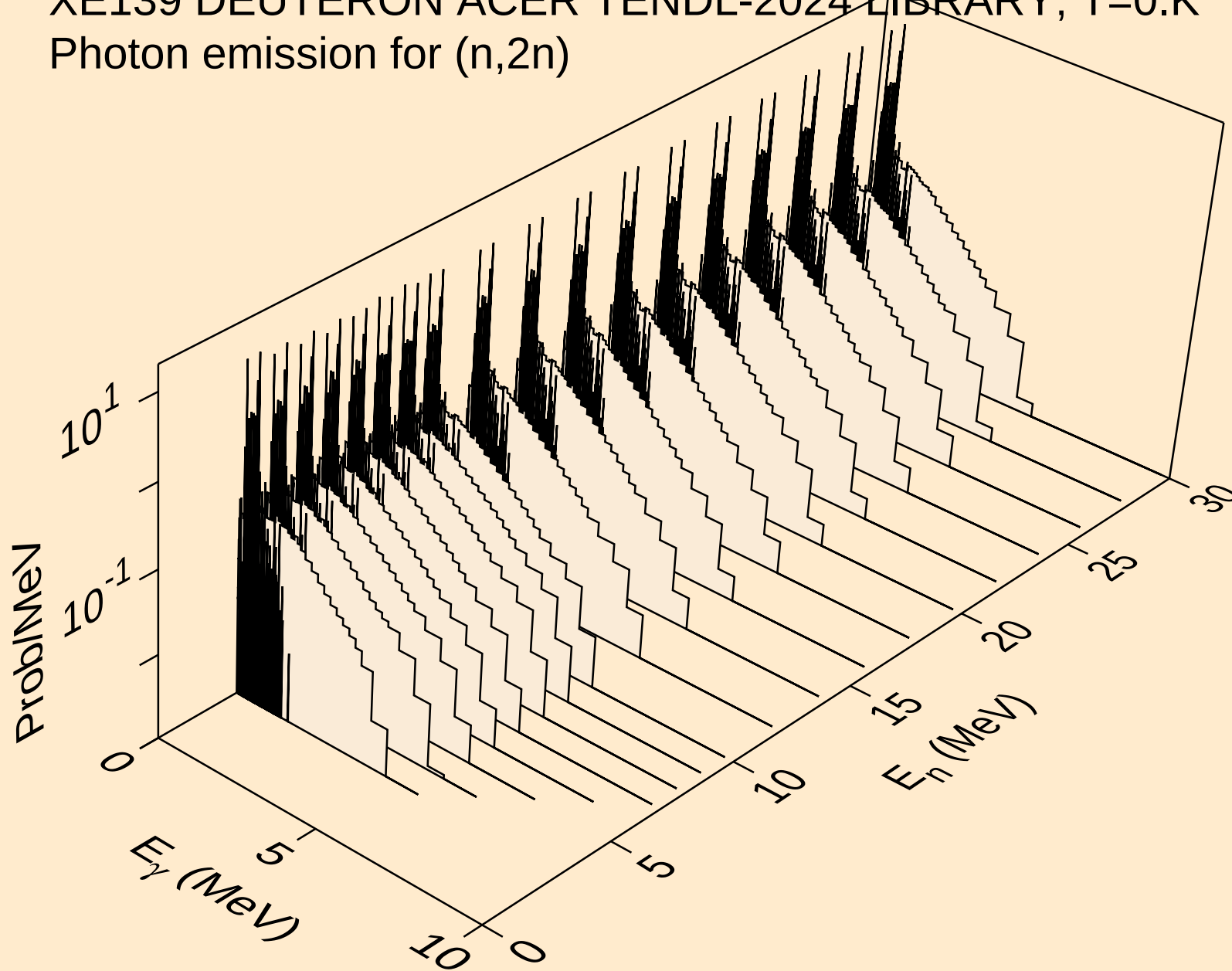
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Photon emission for (z,x)



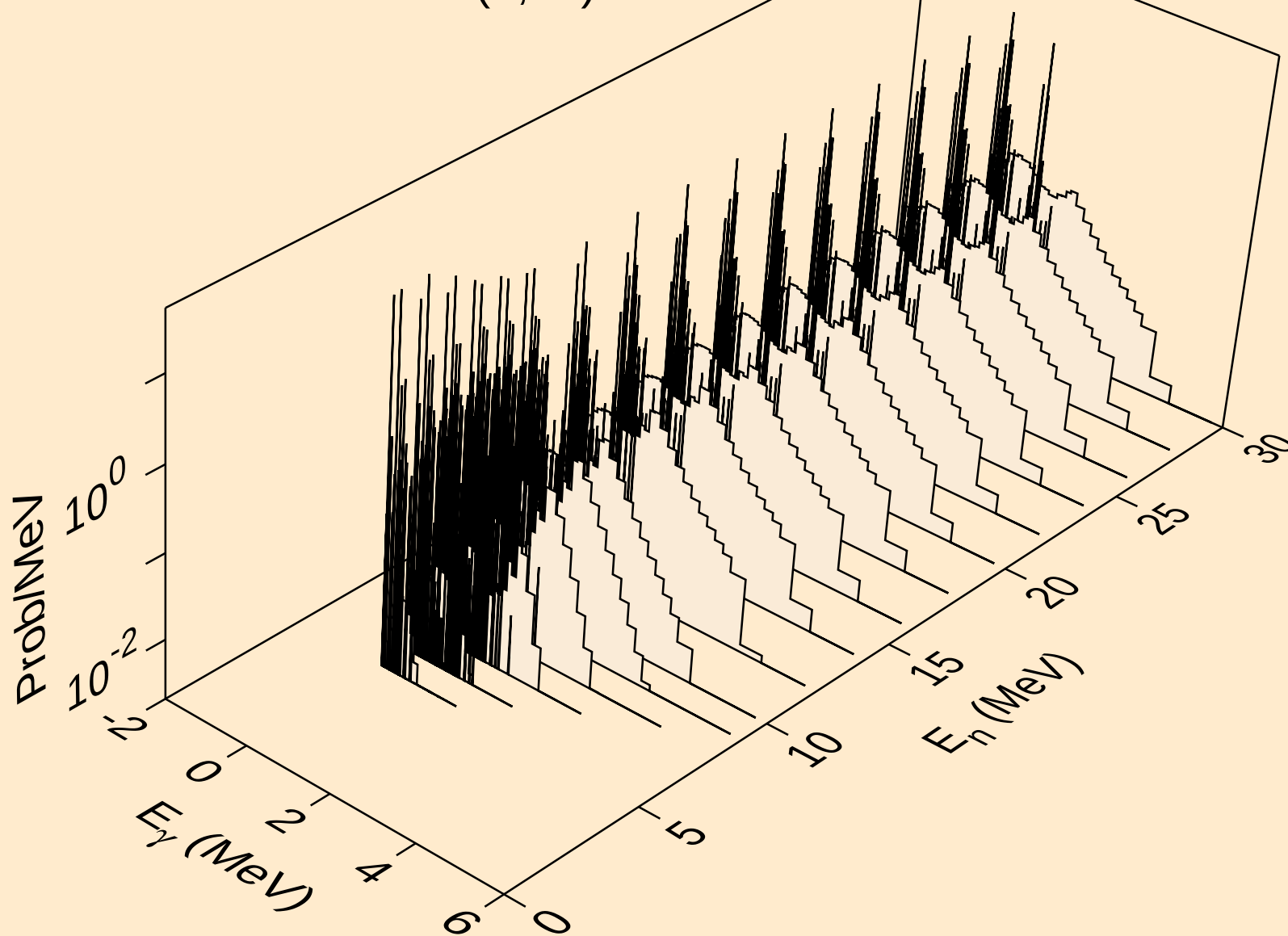
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Photon emission for (n,2nd)



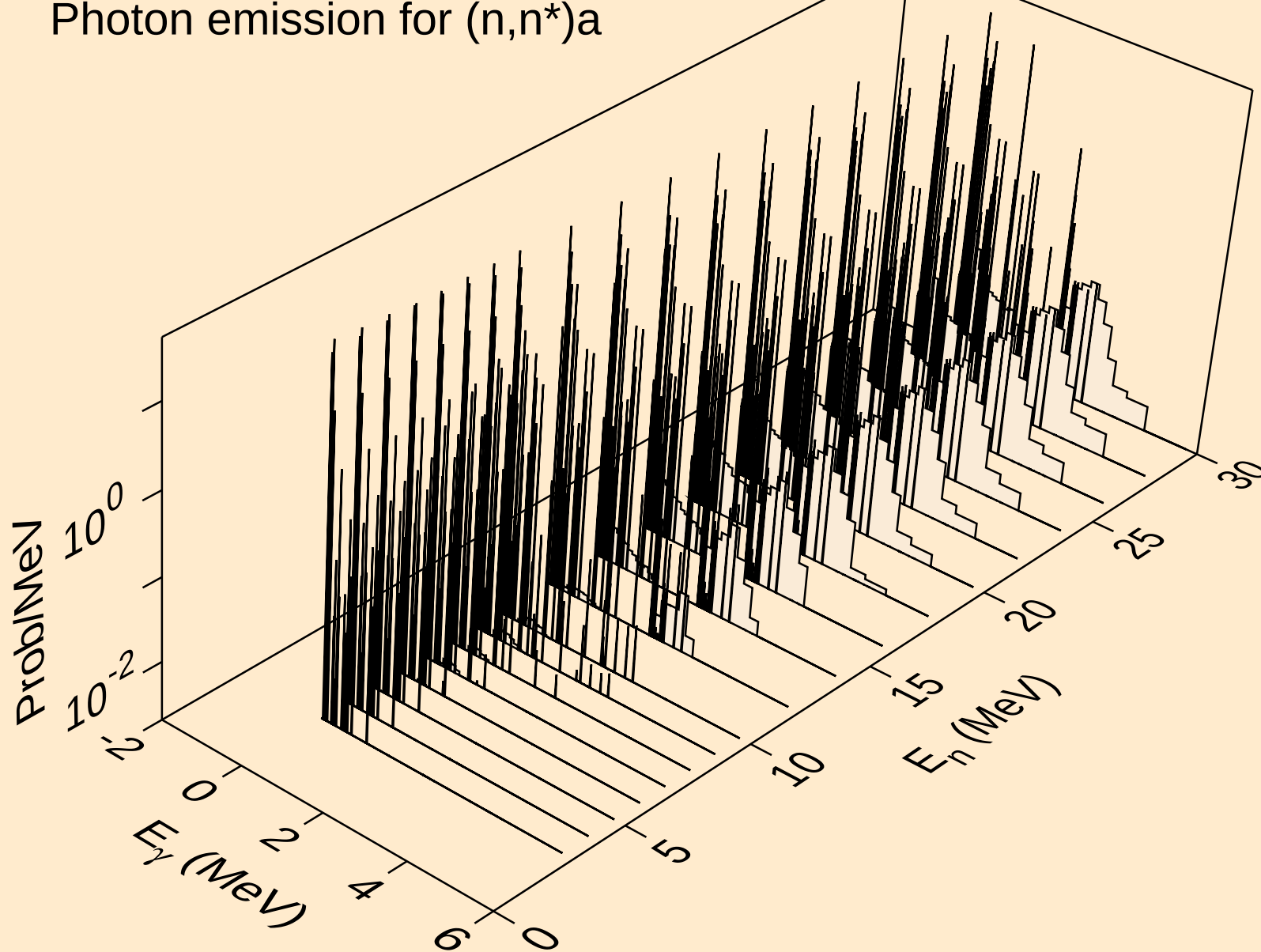
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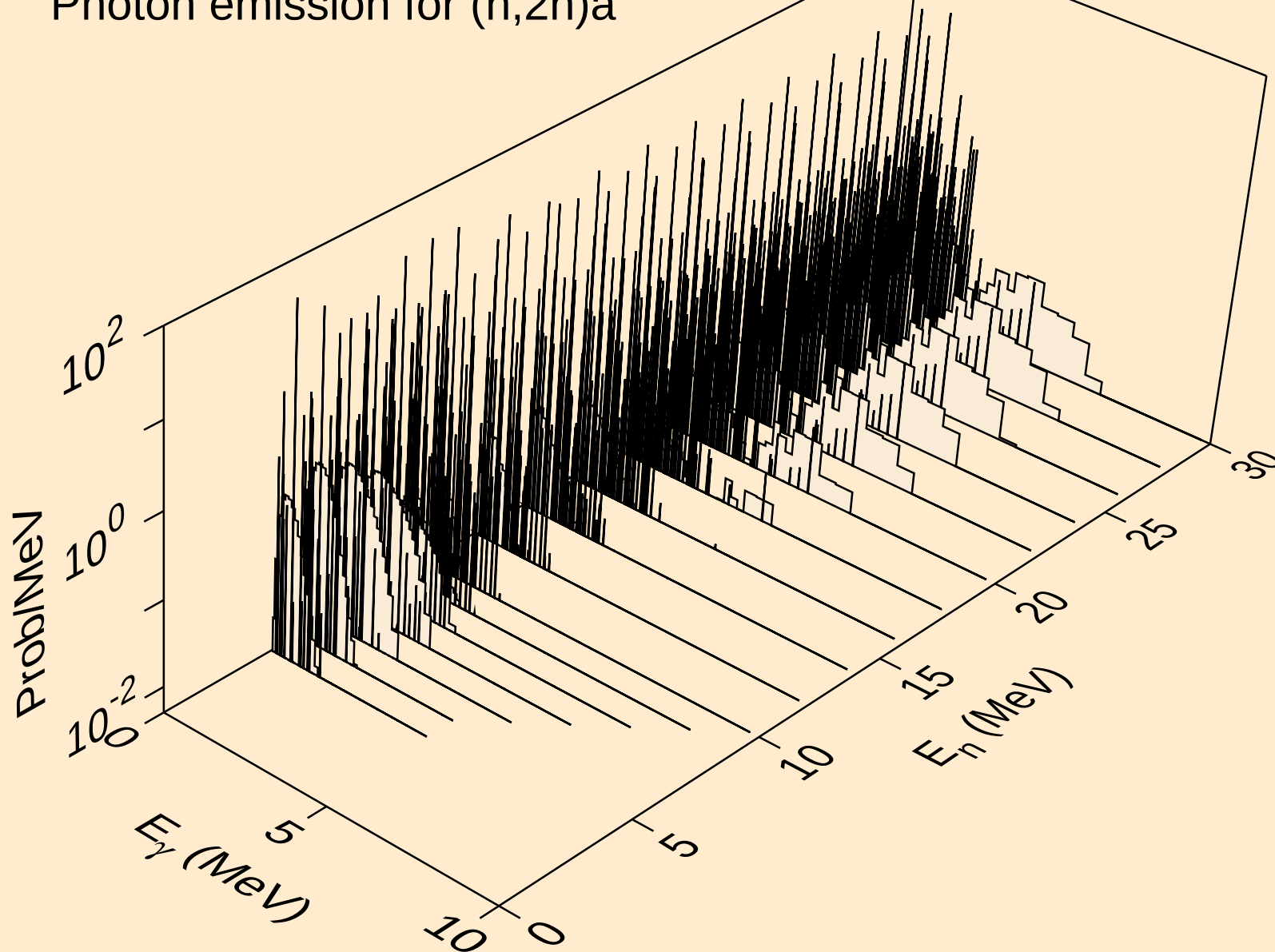
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Photon emission for (n,3n)



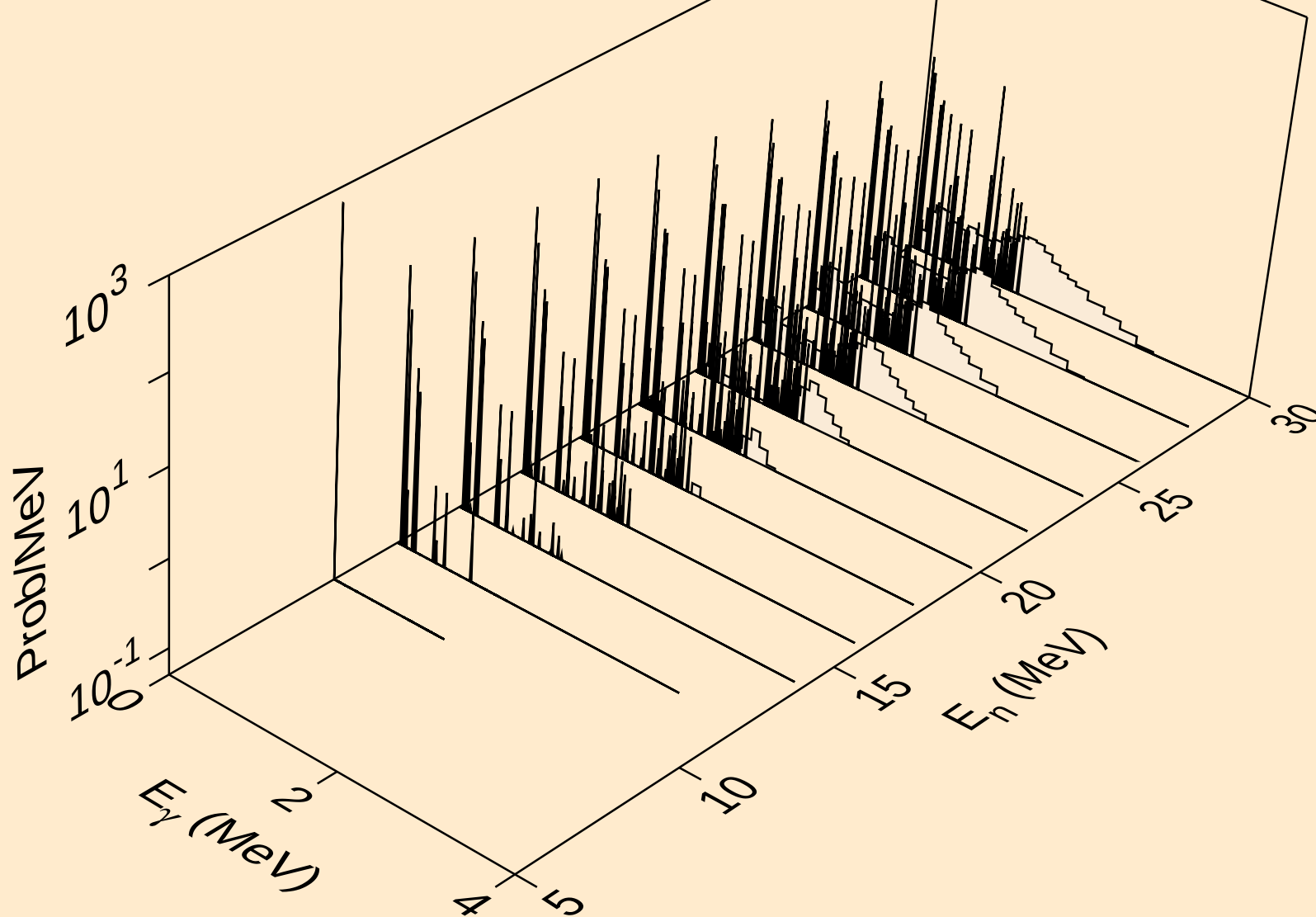
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Photon emission for (n,n*)a



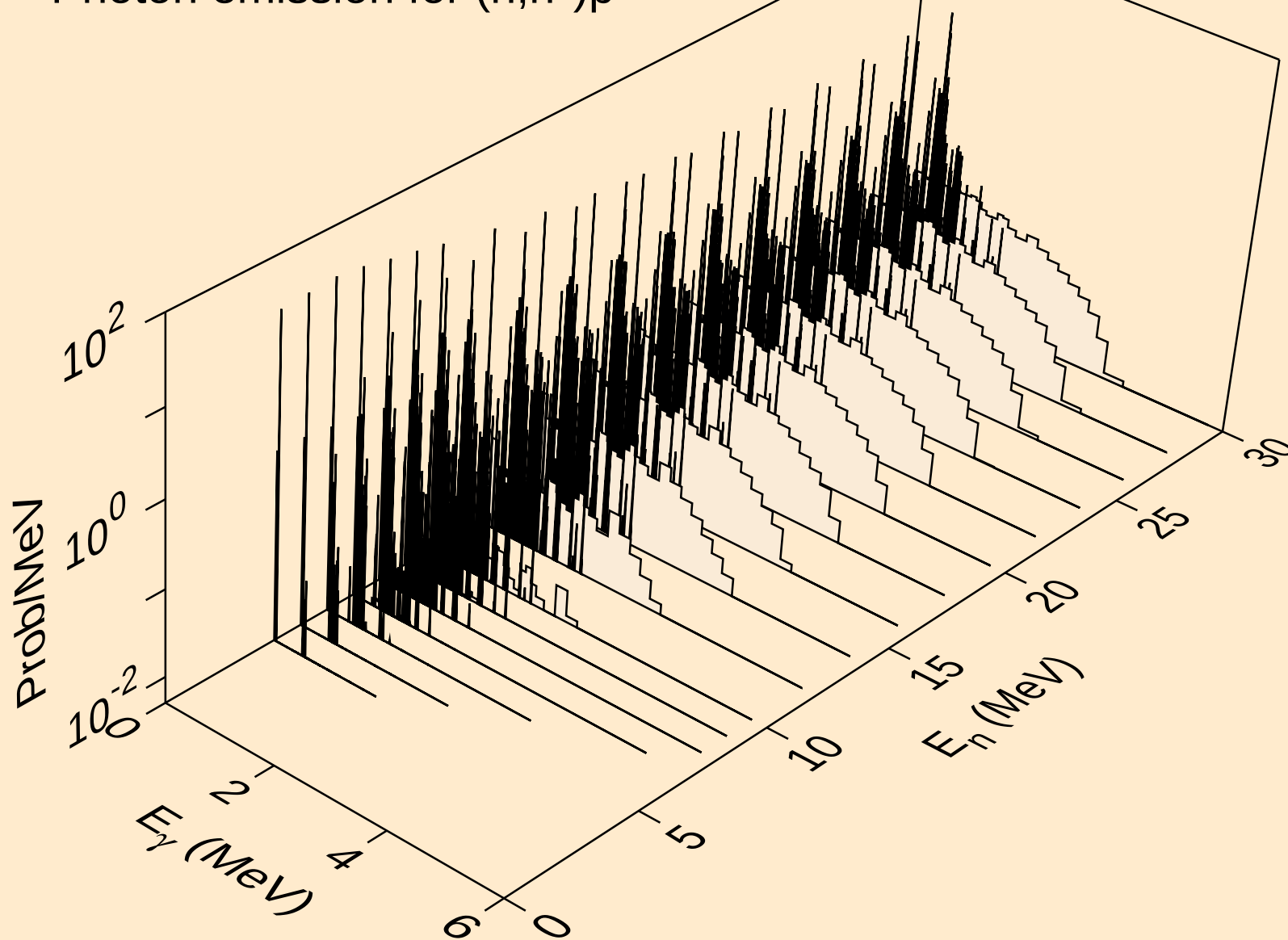
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Photon emission for (n,2n)a



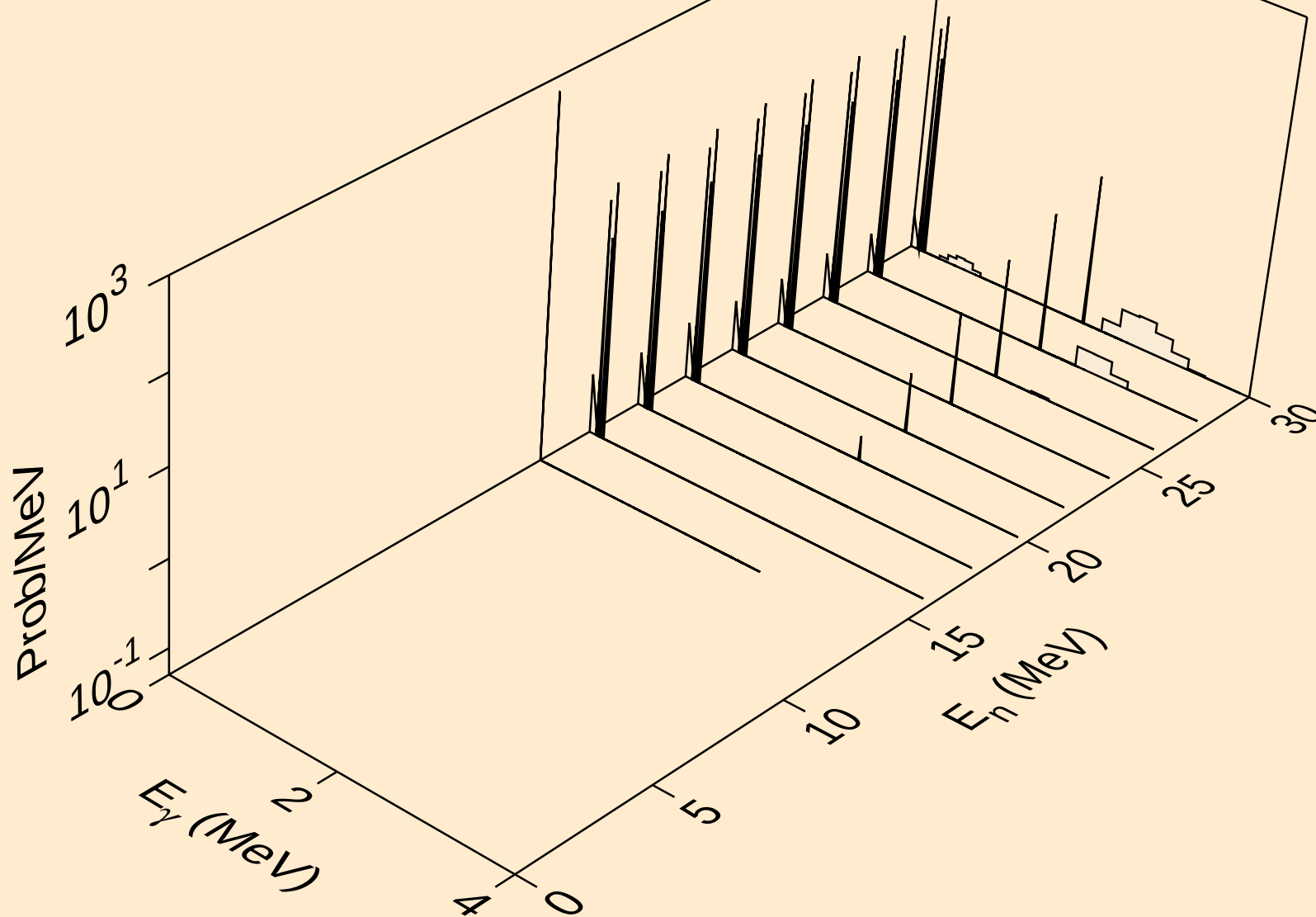
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Photon emission for (n,3n)a



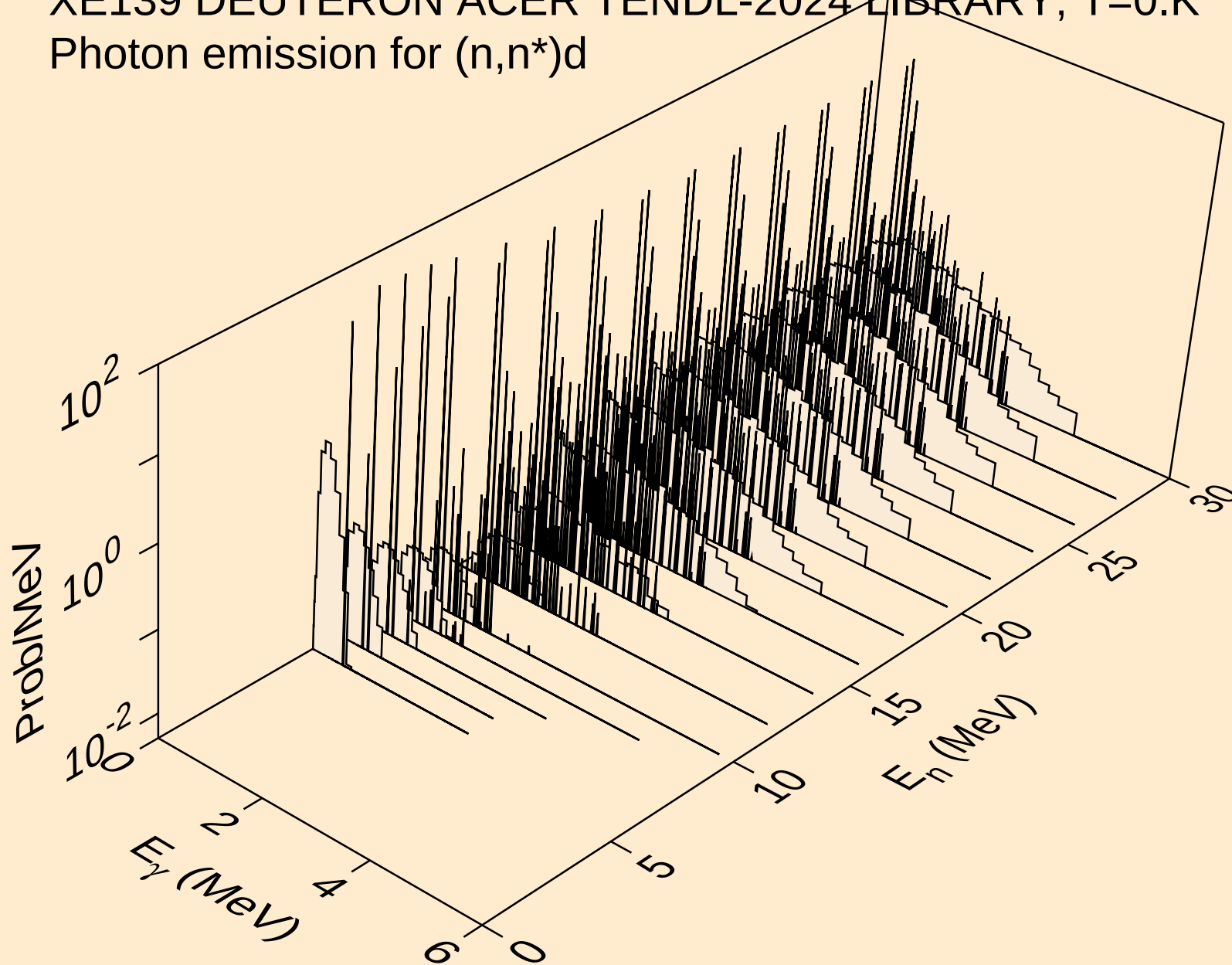
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Photon emission for (n,n*)p



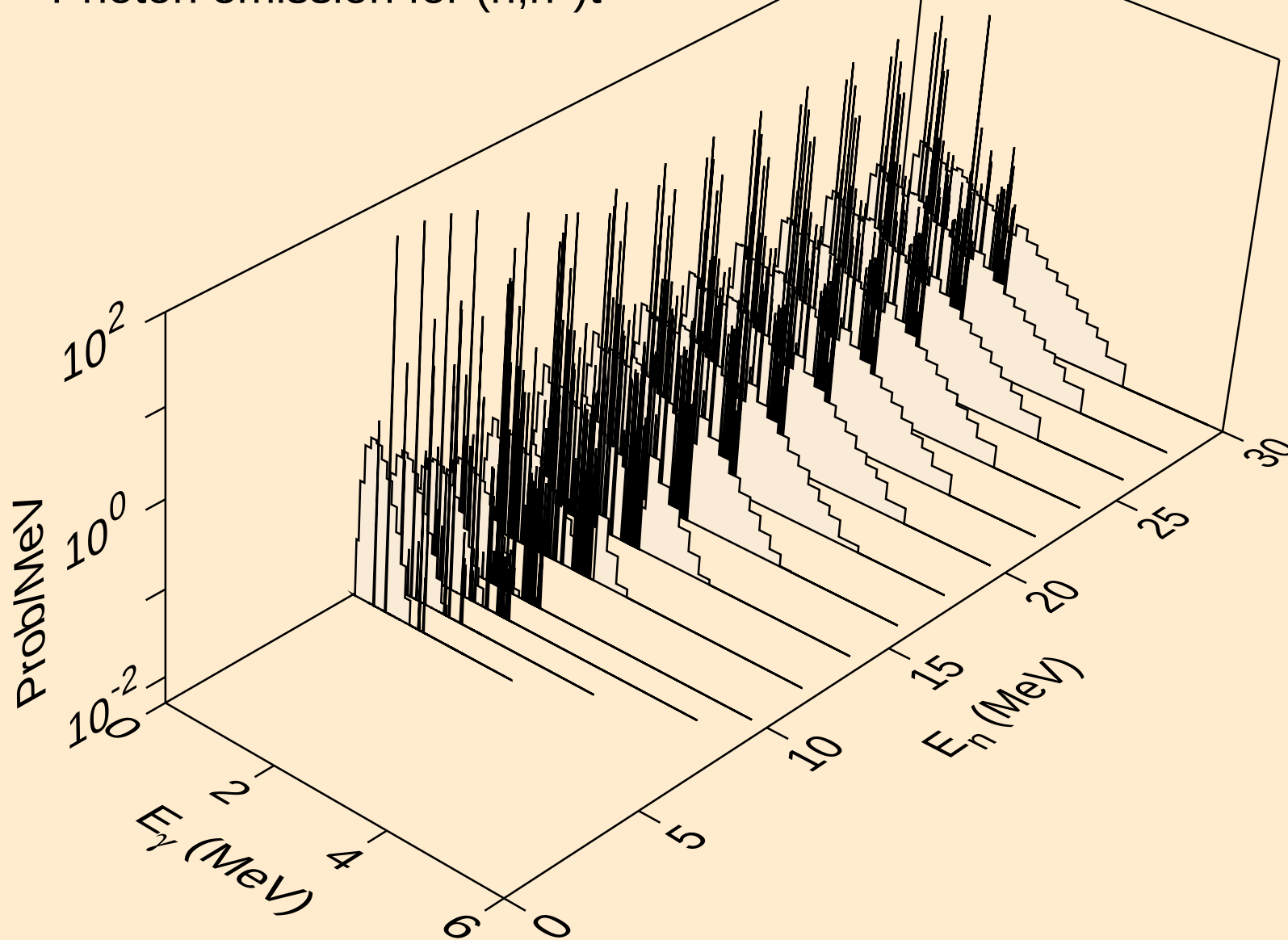
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Photon emission for (n,n*)2a



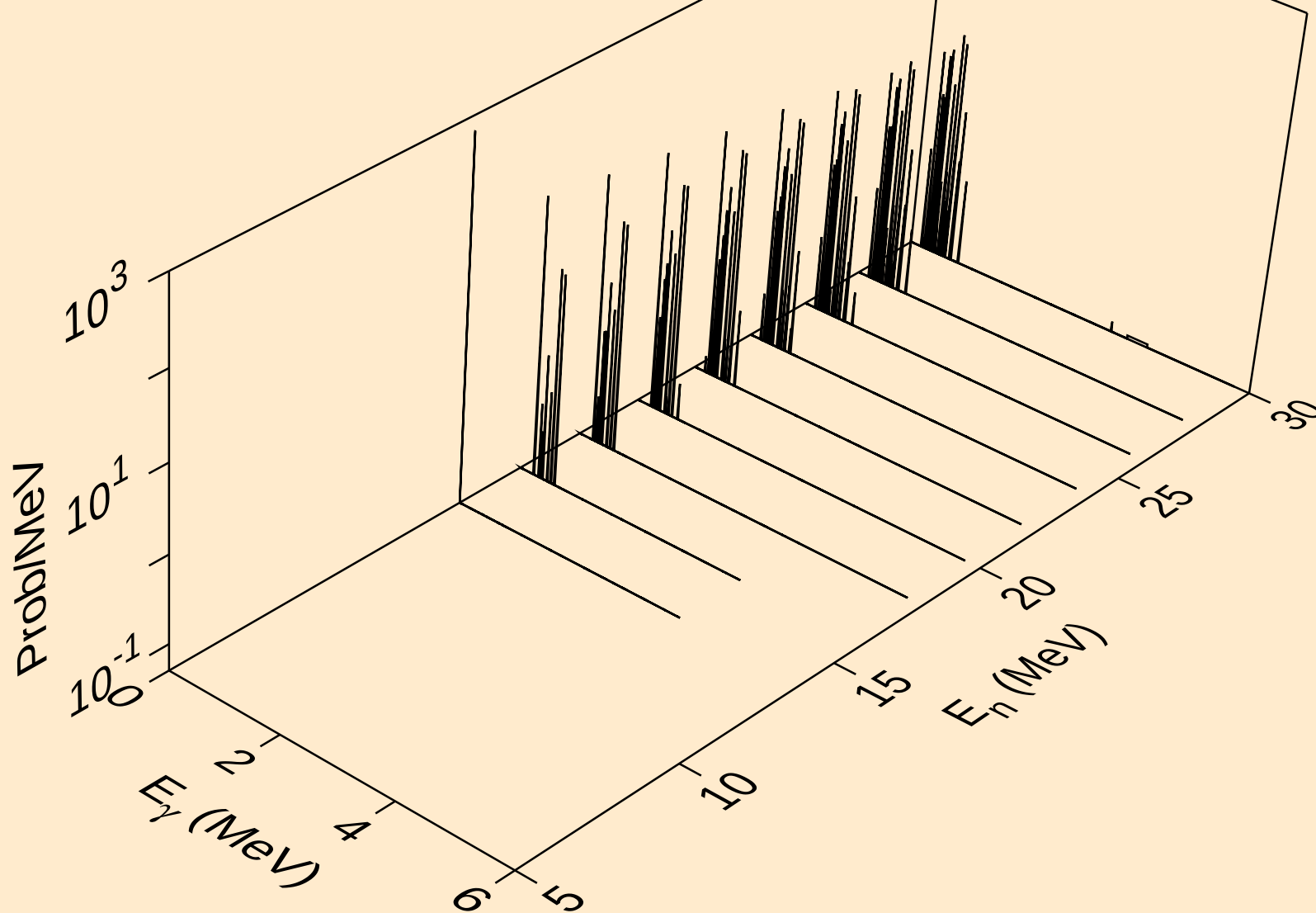
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Photon emission for (n,n*)d



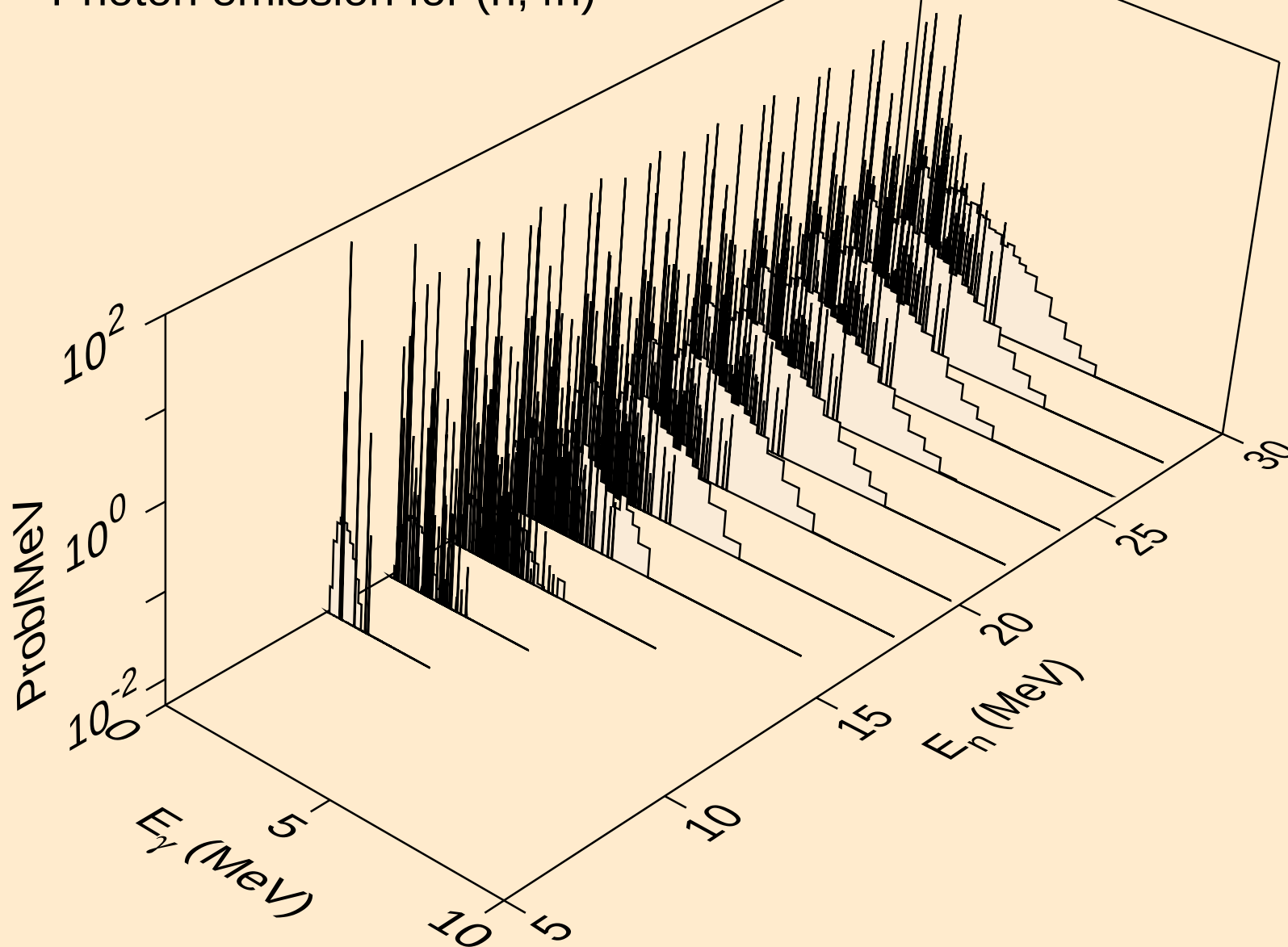
XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



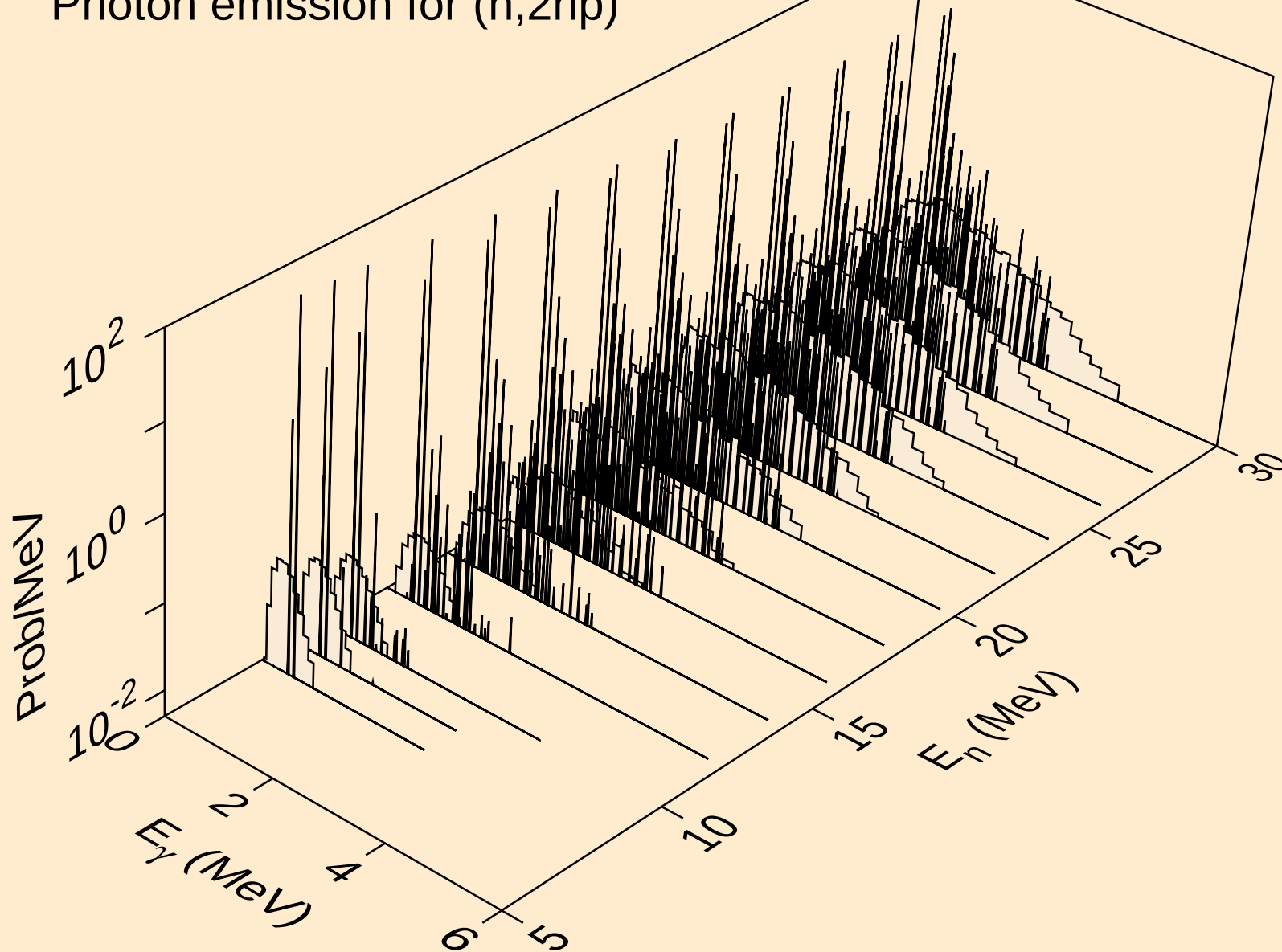
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Photon emission for (n,n*)he3



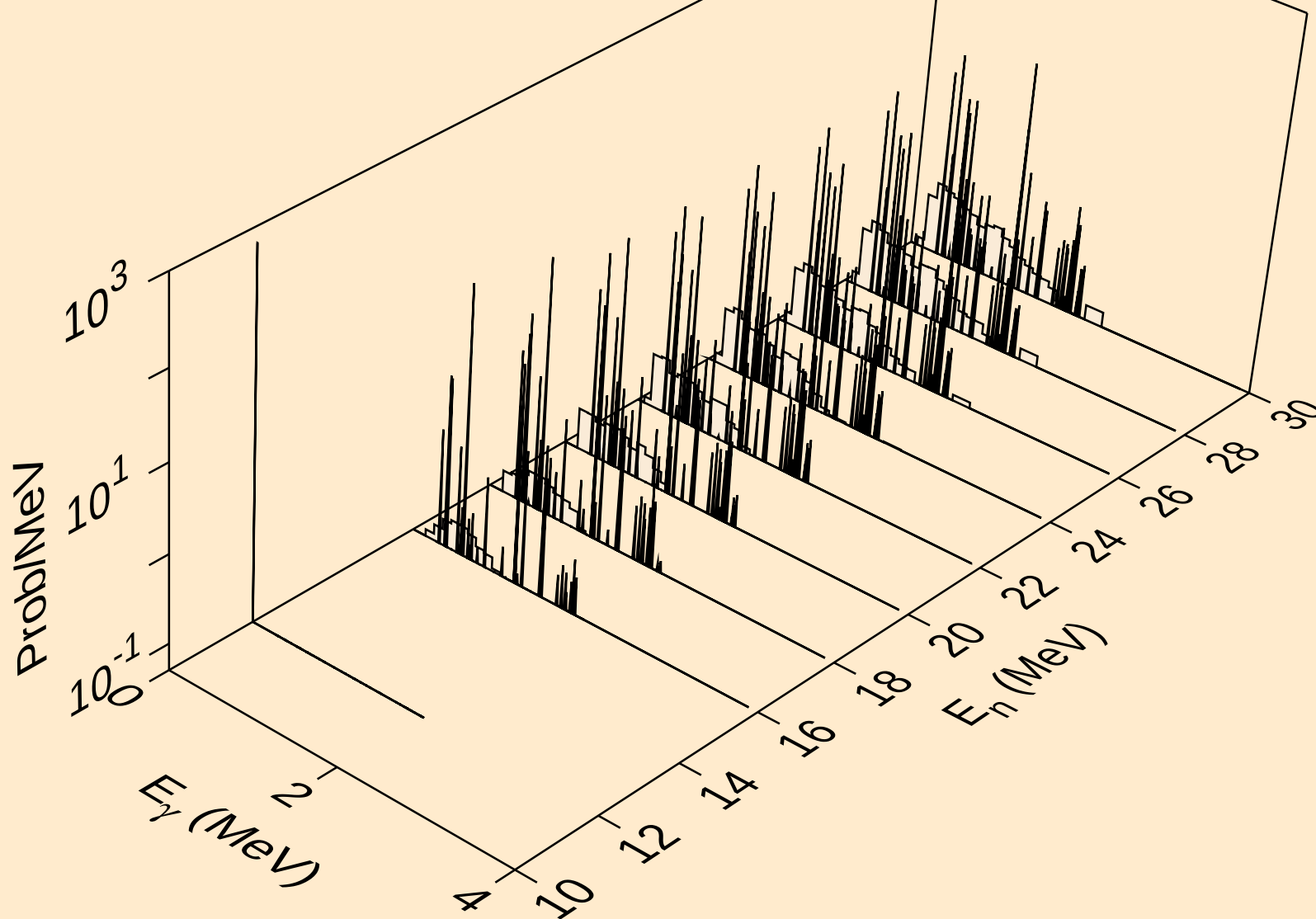
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Photon emission for (n,4n)



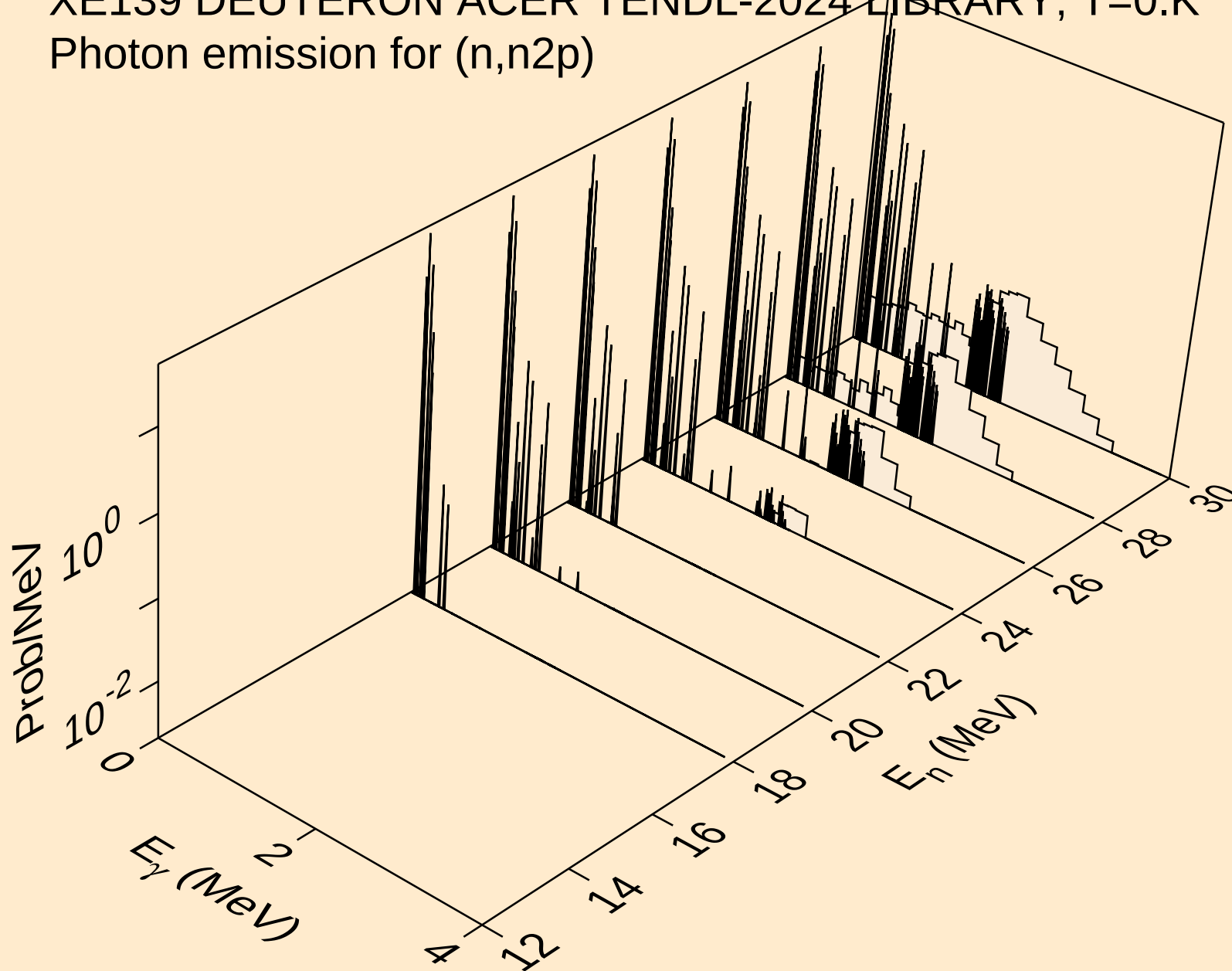
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Photon emission for (n,2np)



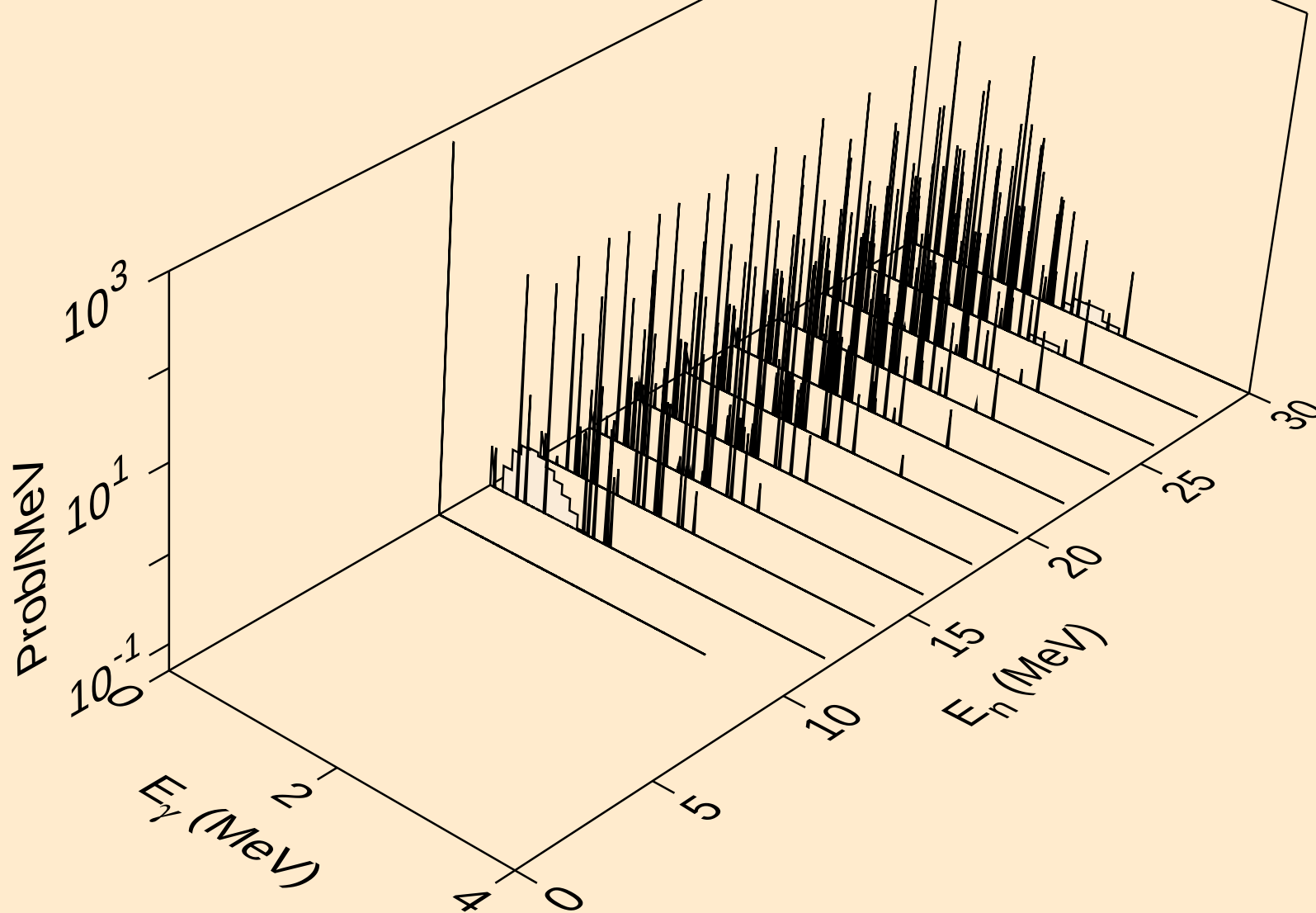
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Photon emission for (n,3np)



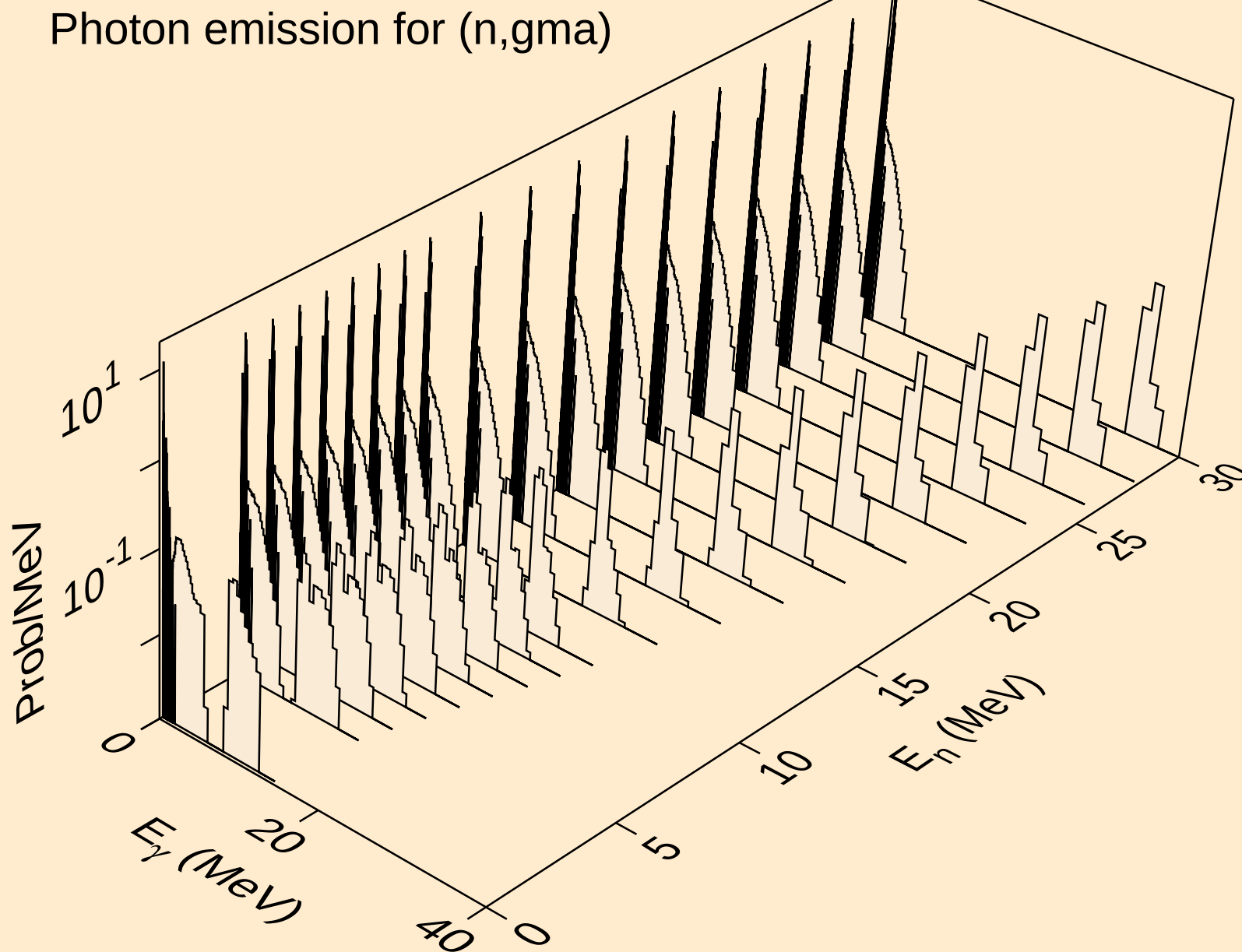
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Photon emission for (n,n2p)



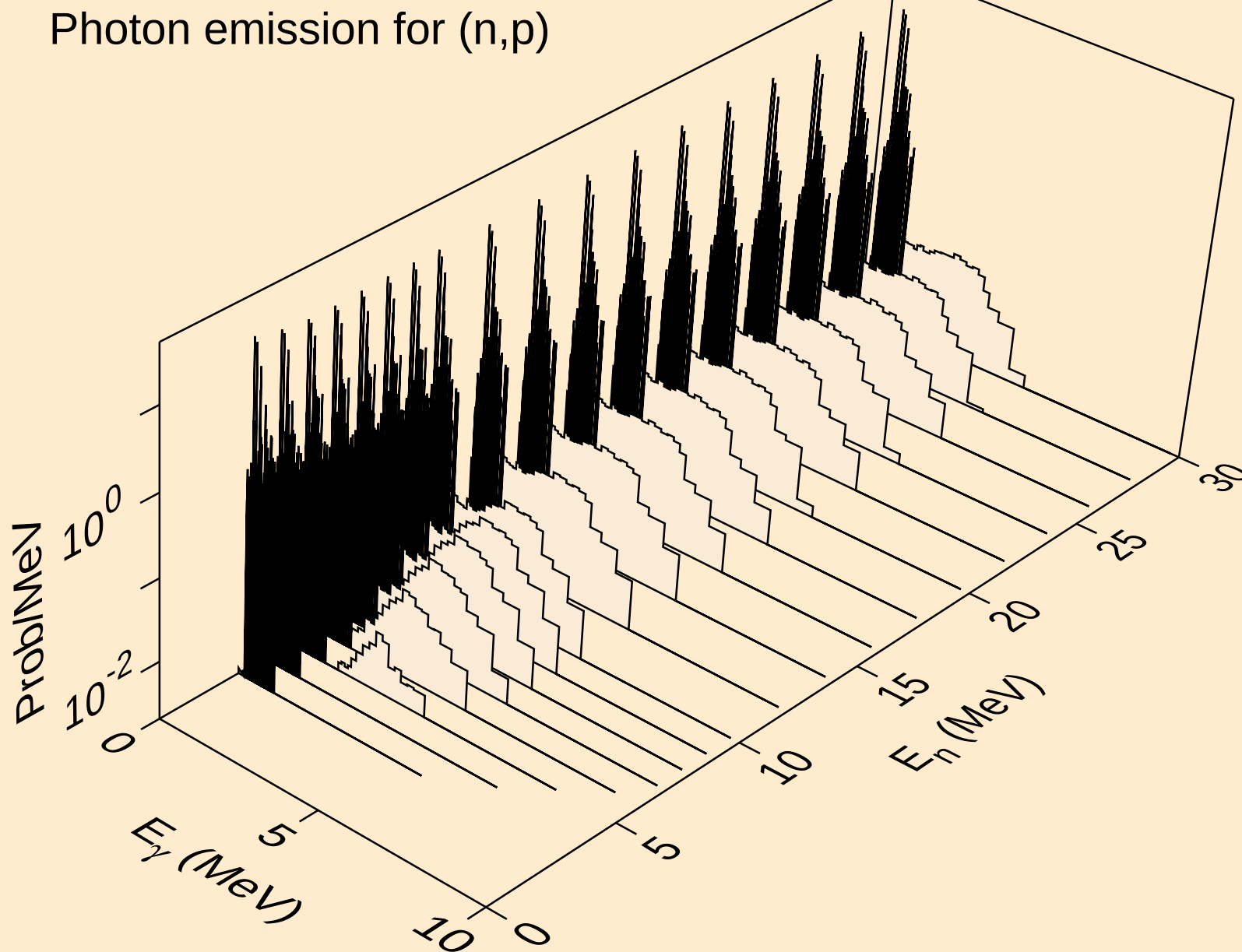
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Photon emission for (n,npa)



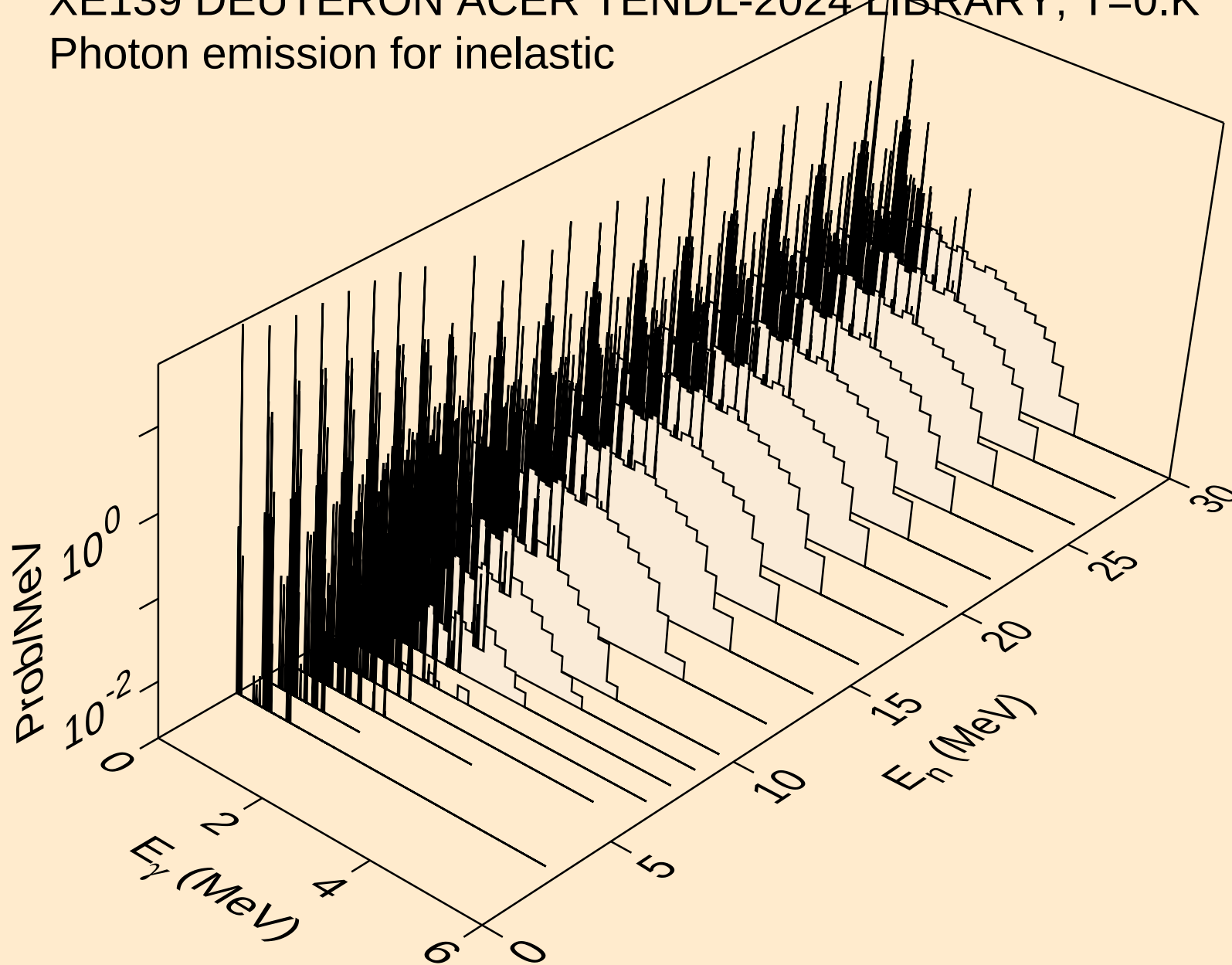
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Photon emission for (n,gma)



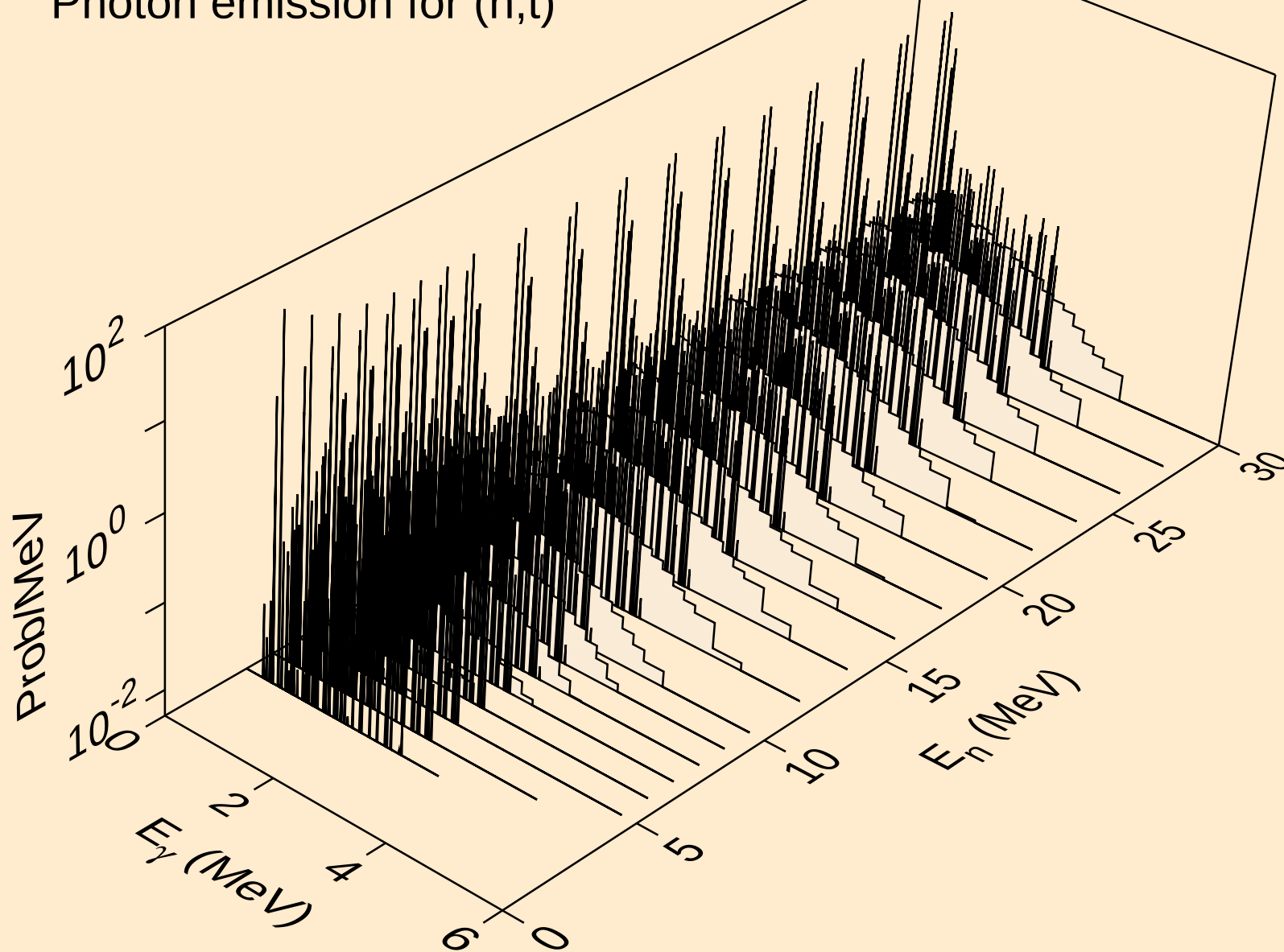
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Photon emission for (n,p)



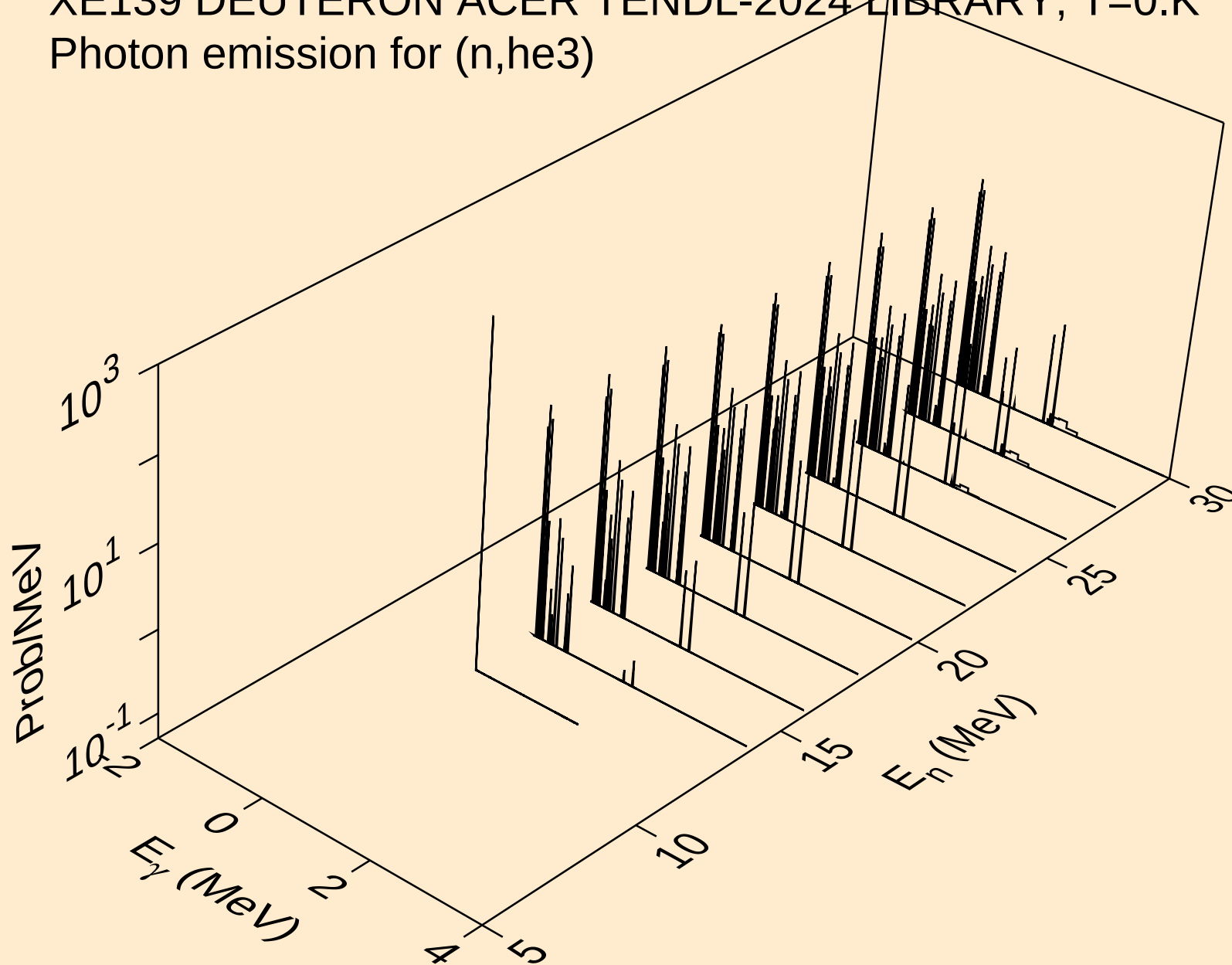
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Photon emission for inelastic



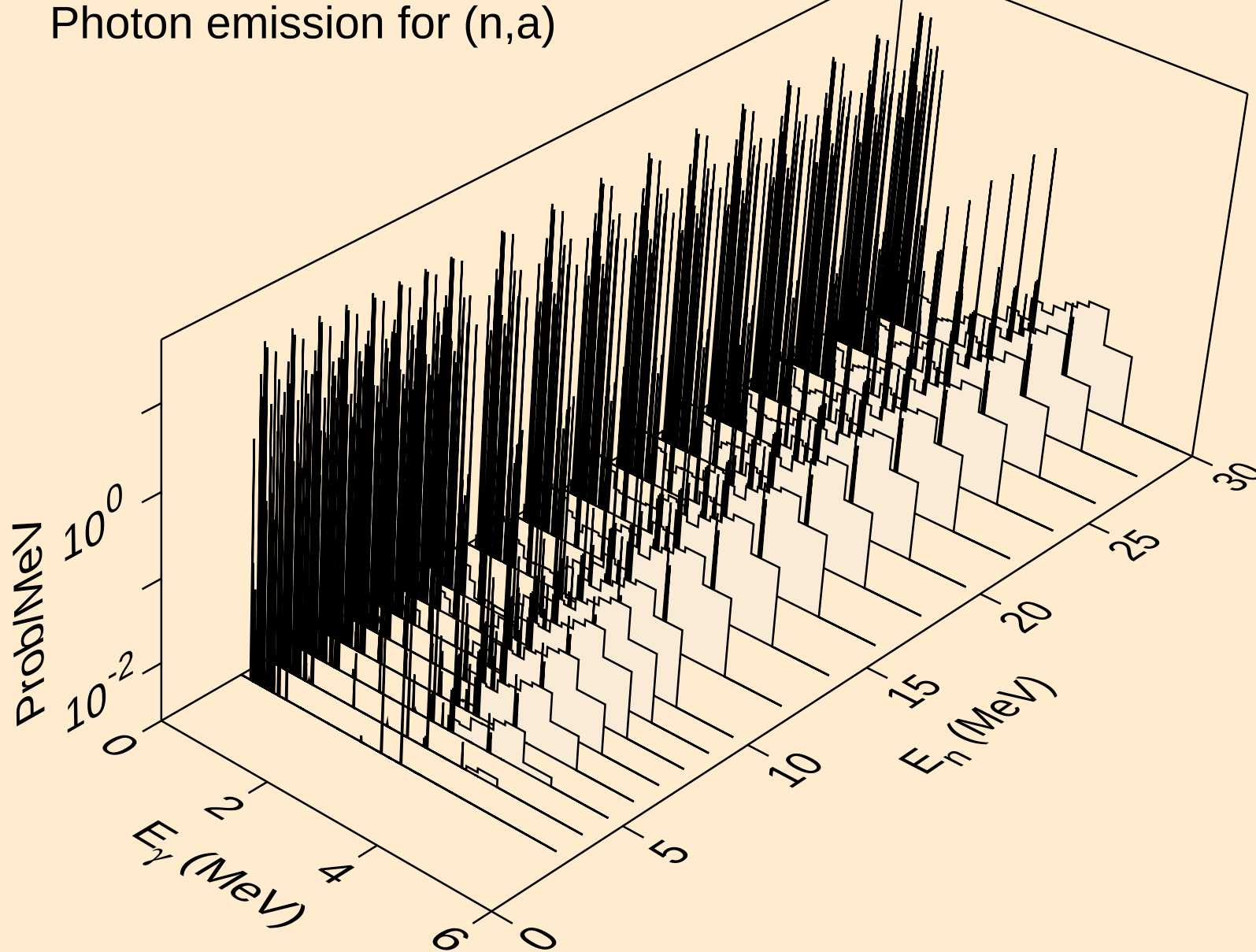
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Photon emission for (n,t)



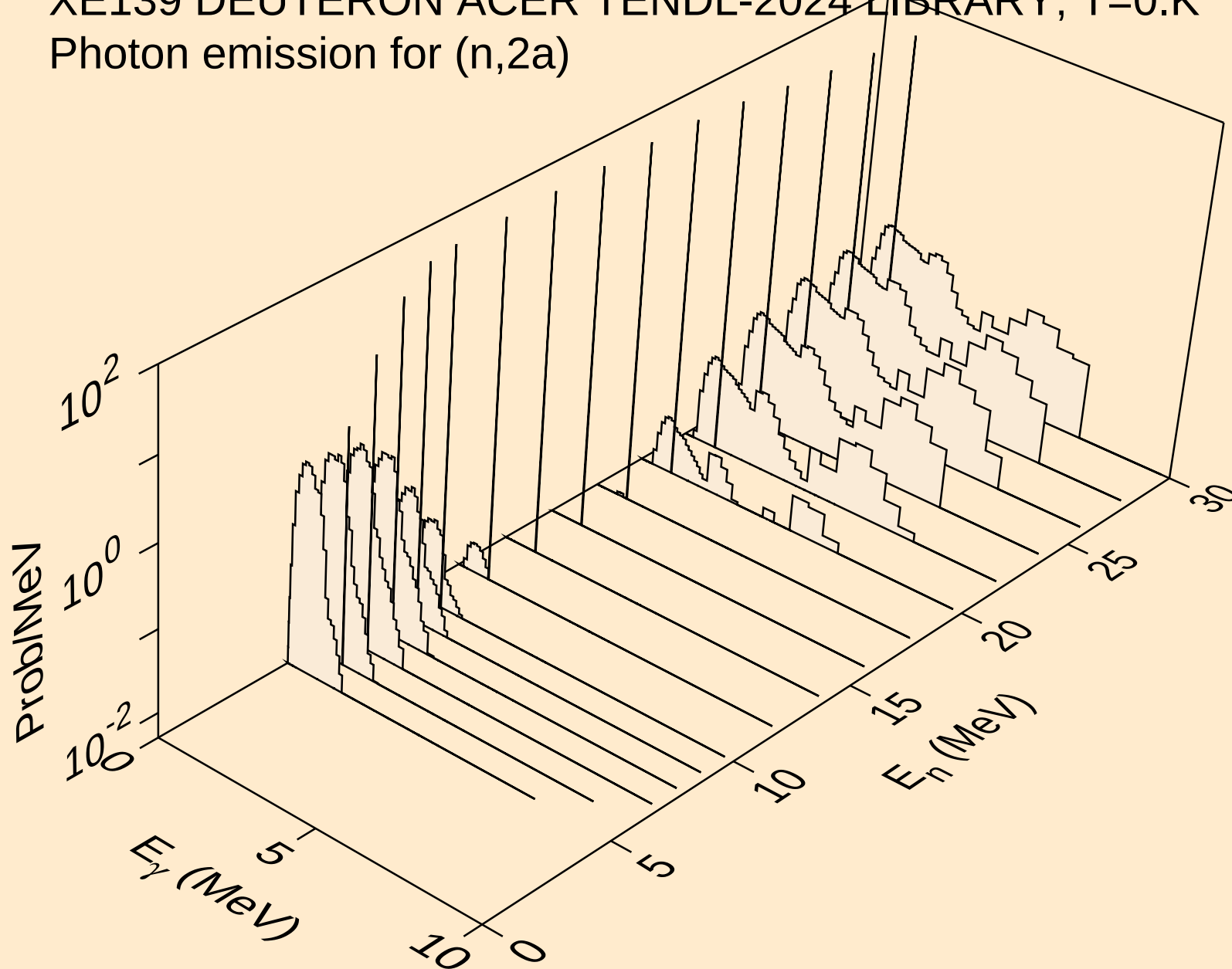
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Photon emission for (n,he3)



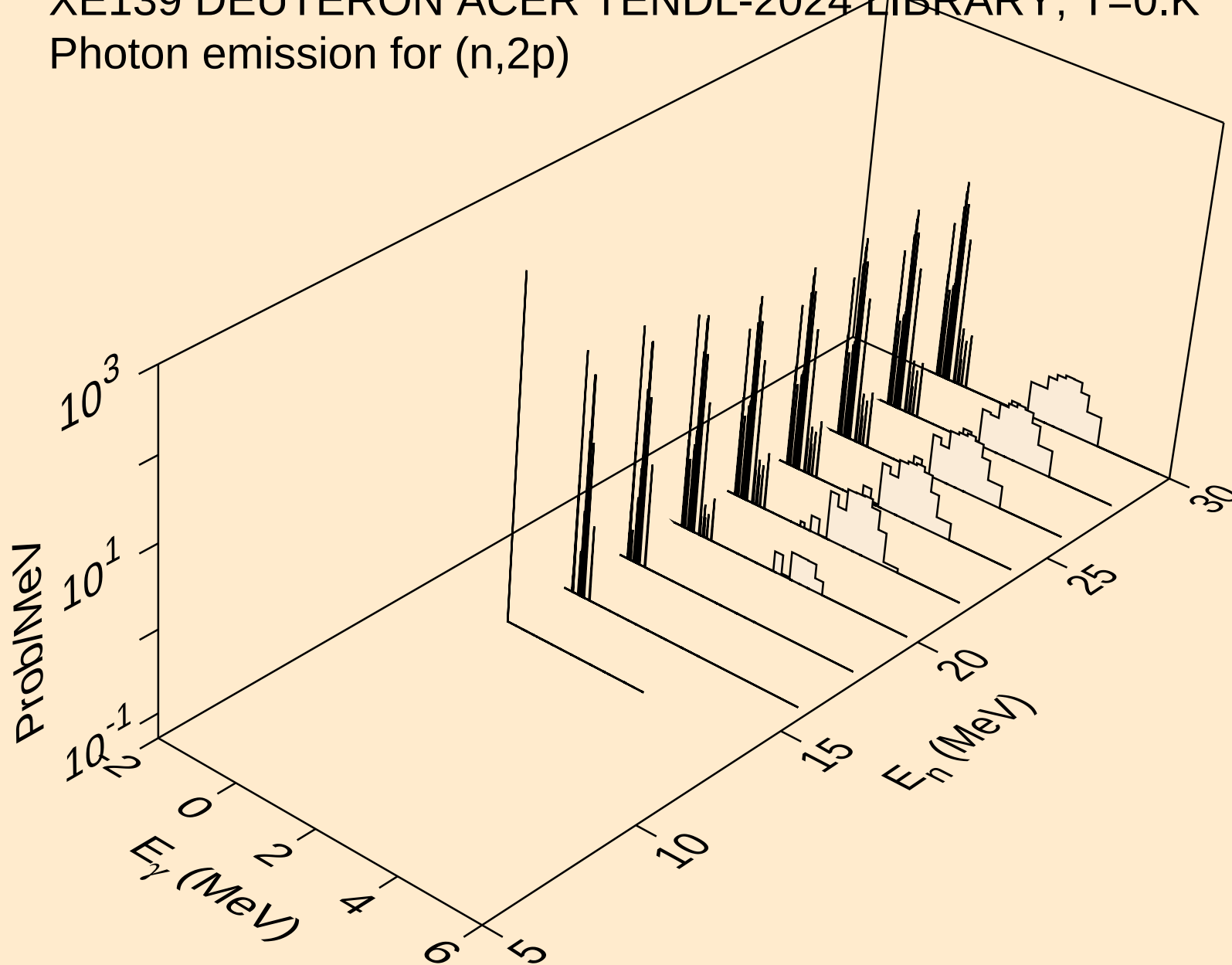
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Photon emission for (n,a)



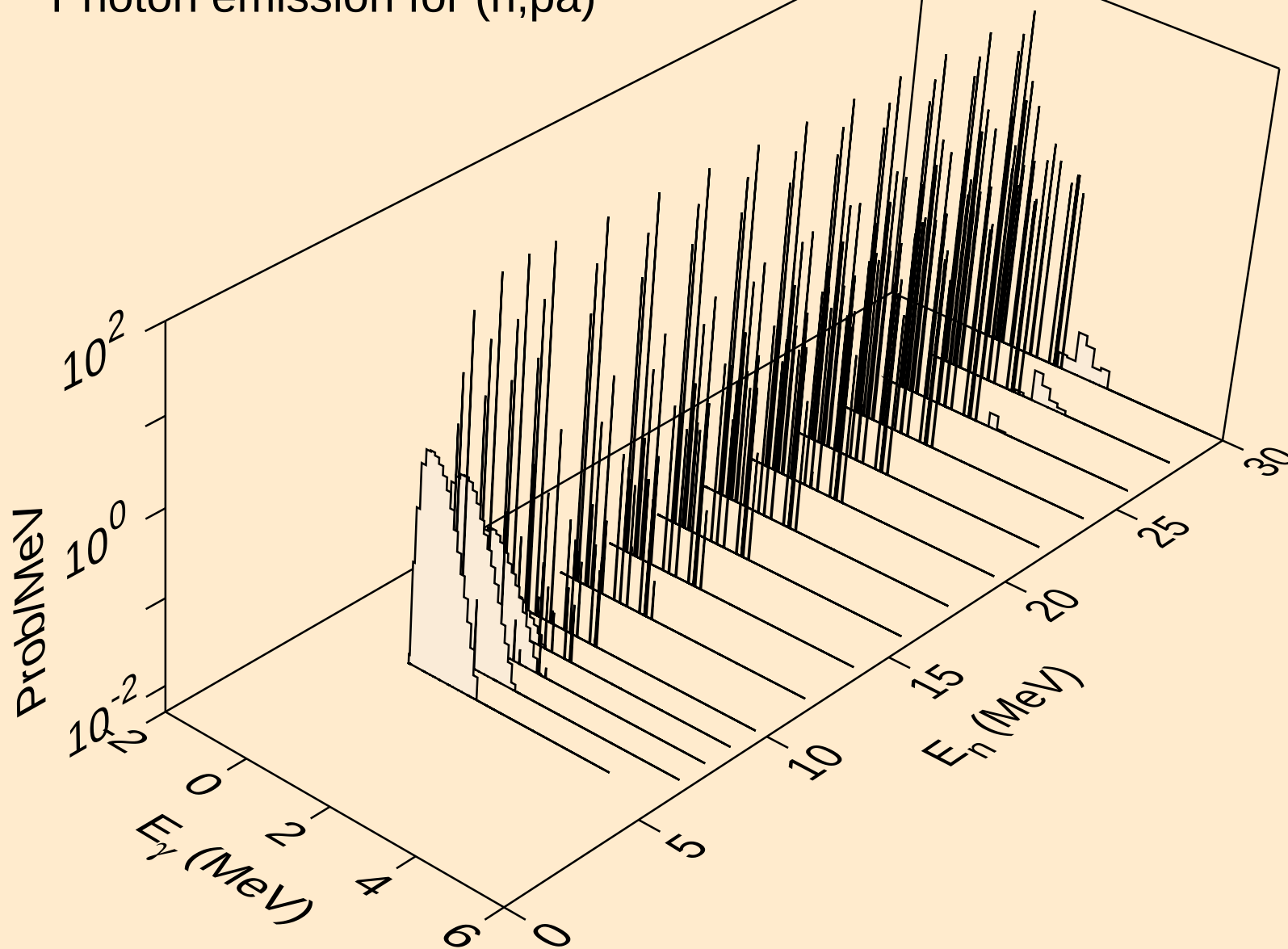
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Photon emission for (n,2a)



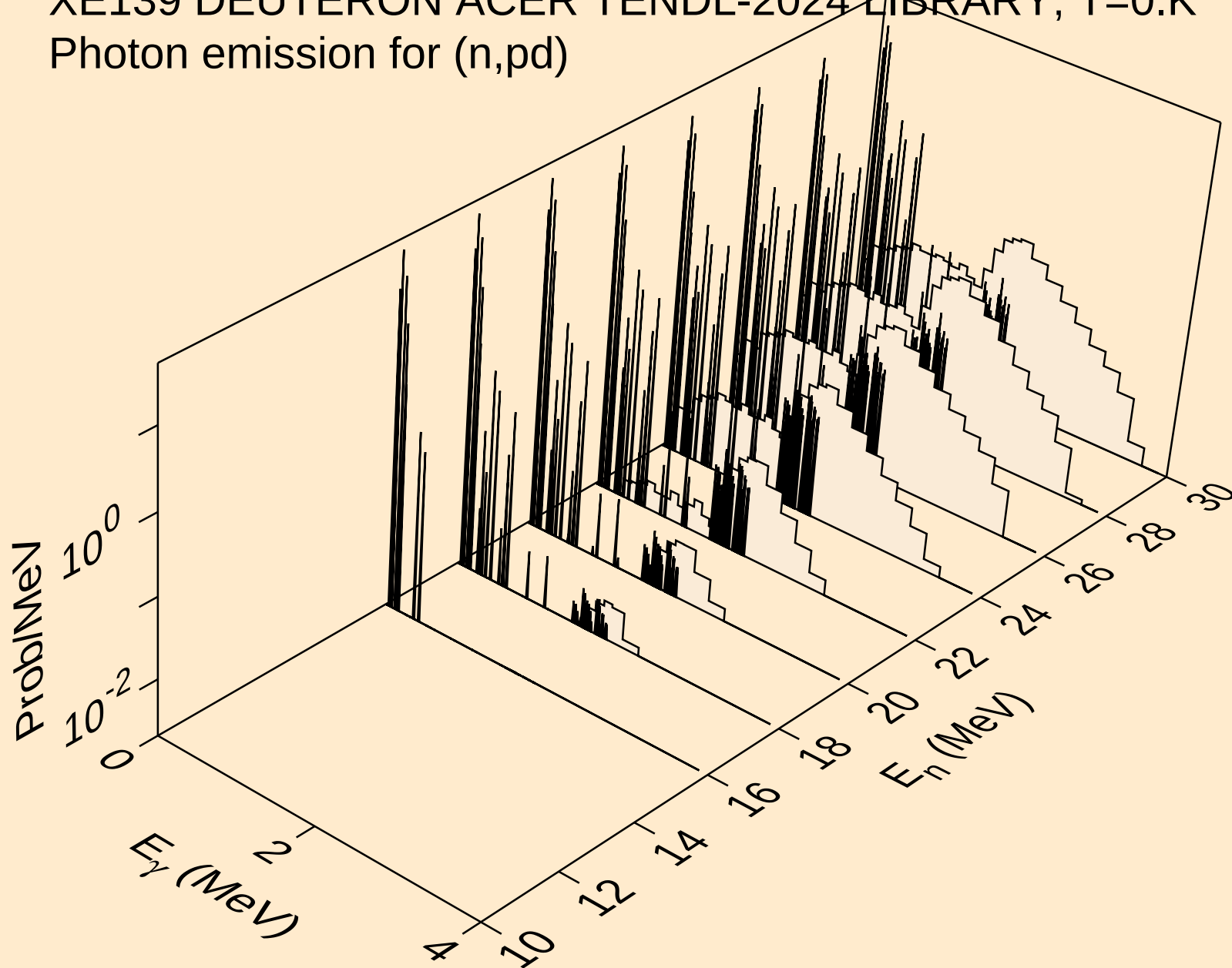
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Photon emission for (n,2p)



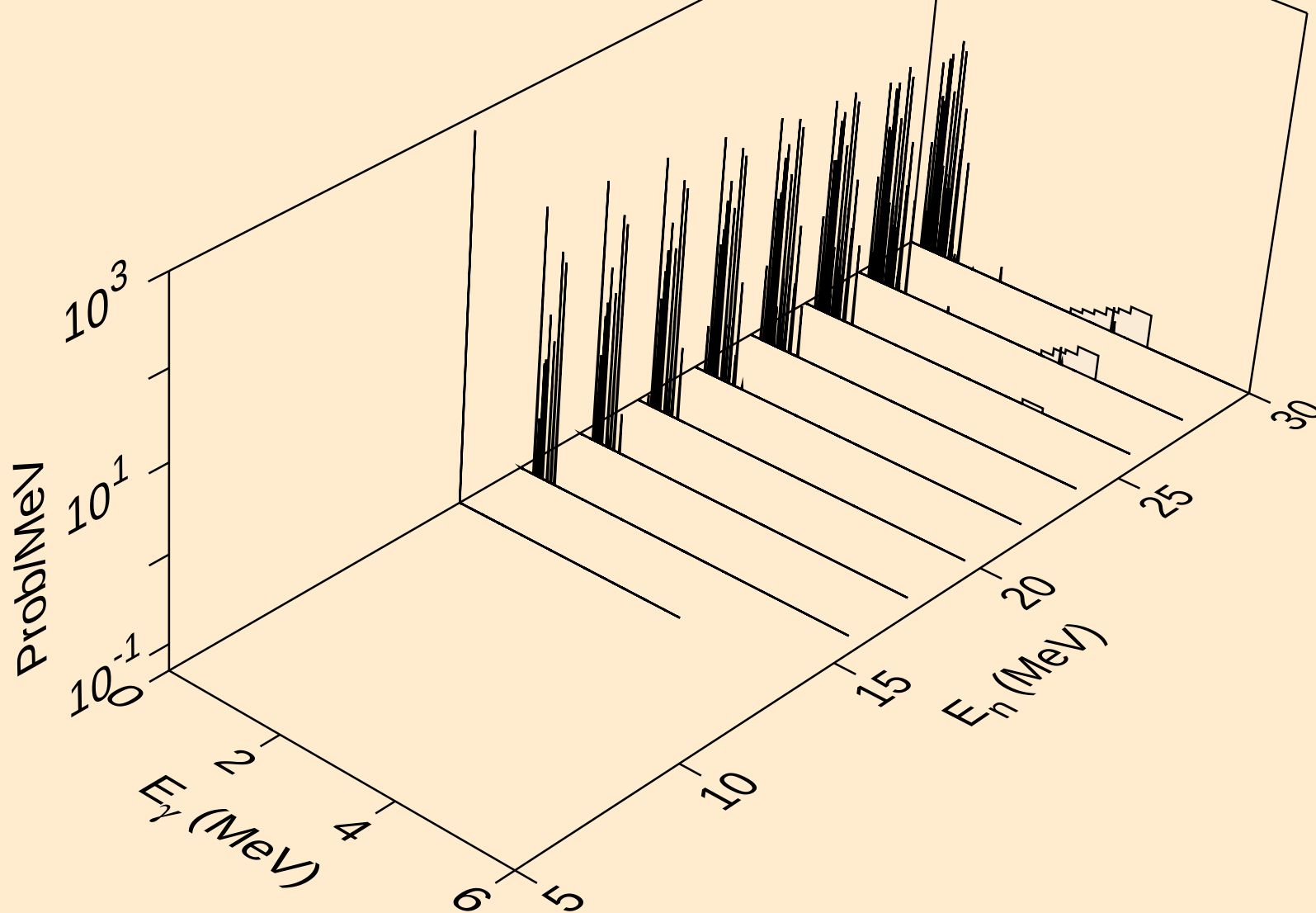
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Photon emission for (n,p α)



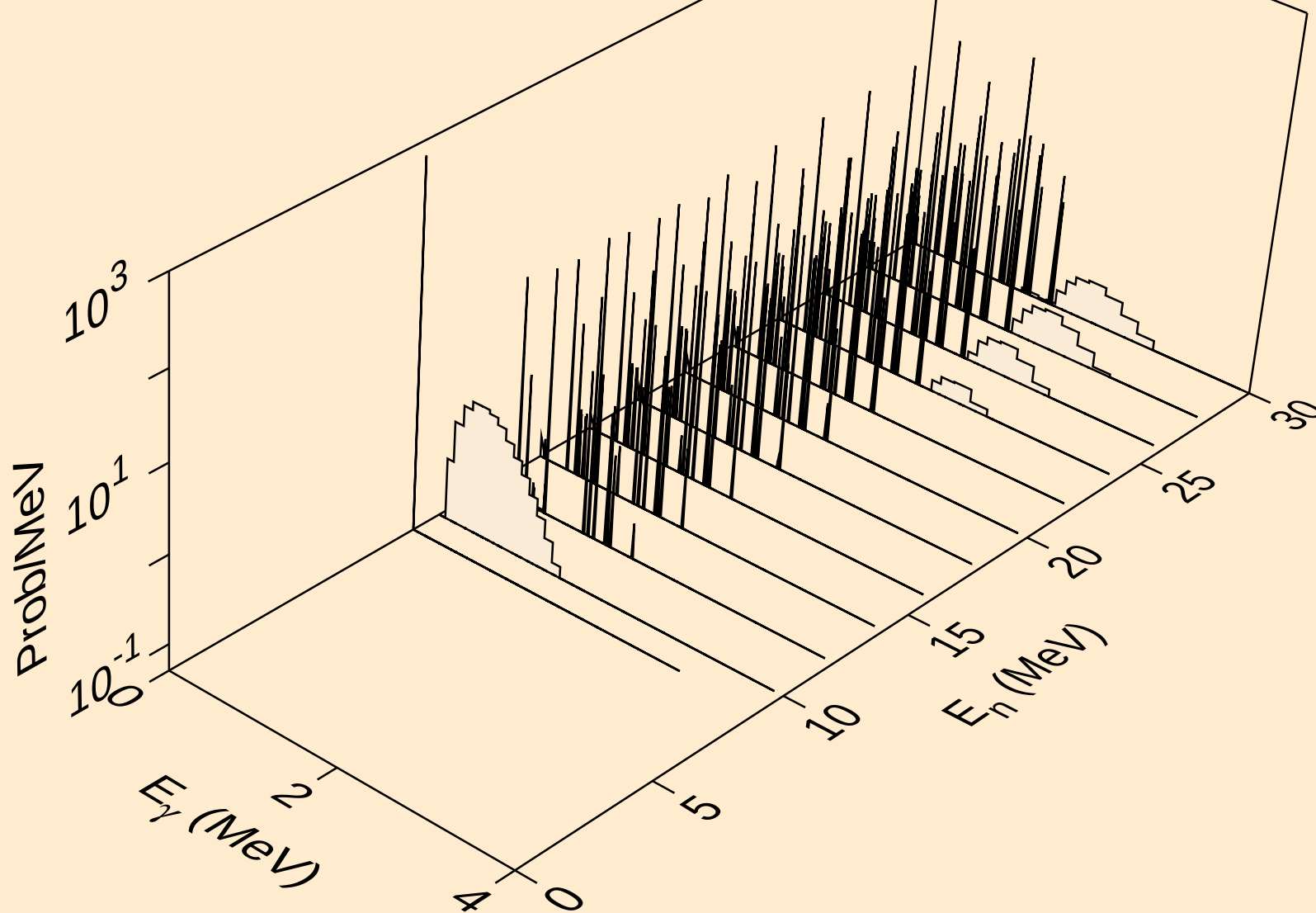
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Photon emission for (n,pd)



XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)

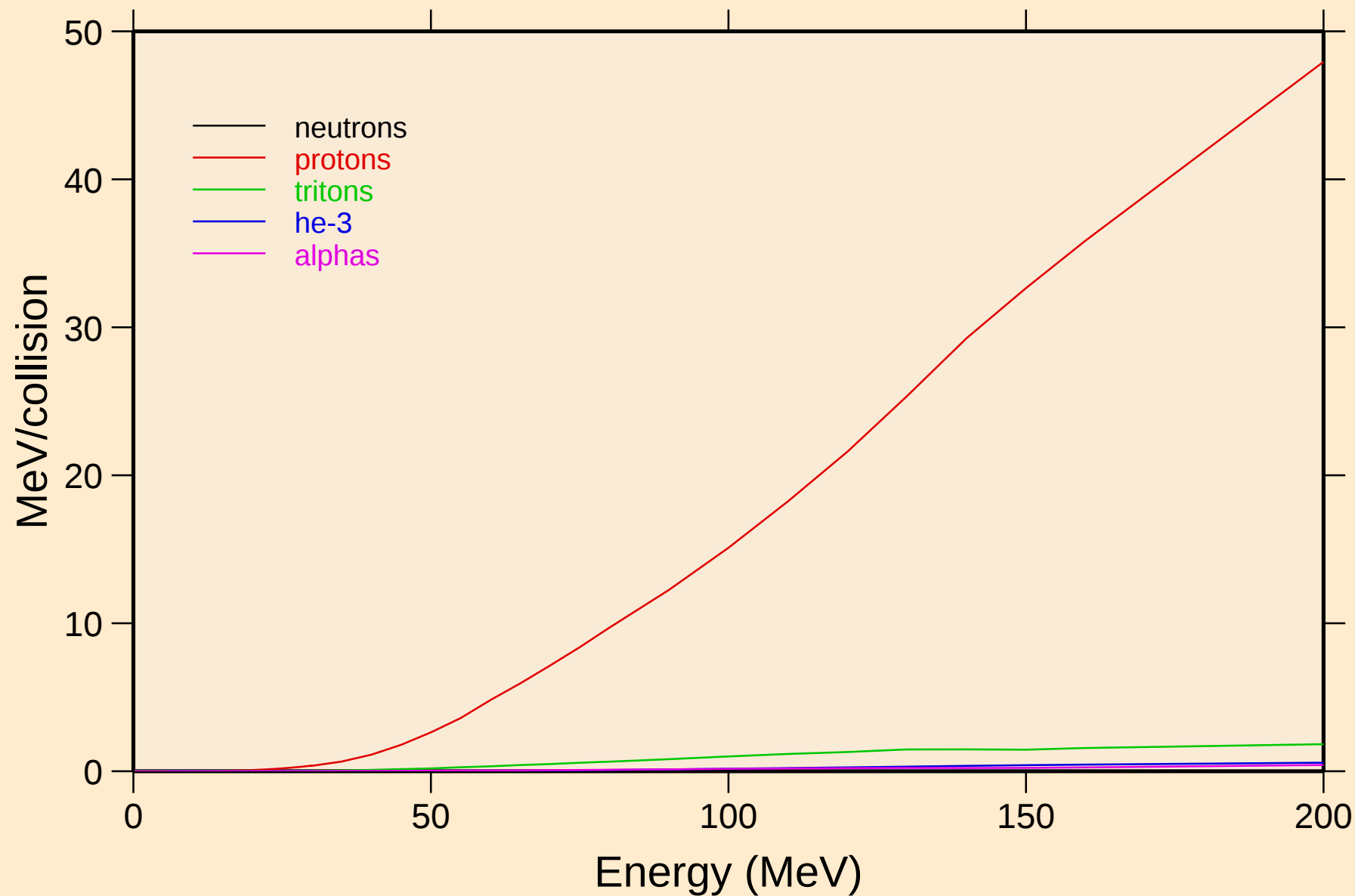


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Photon emission for (n,da)

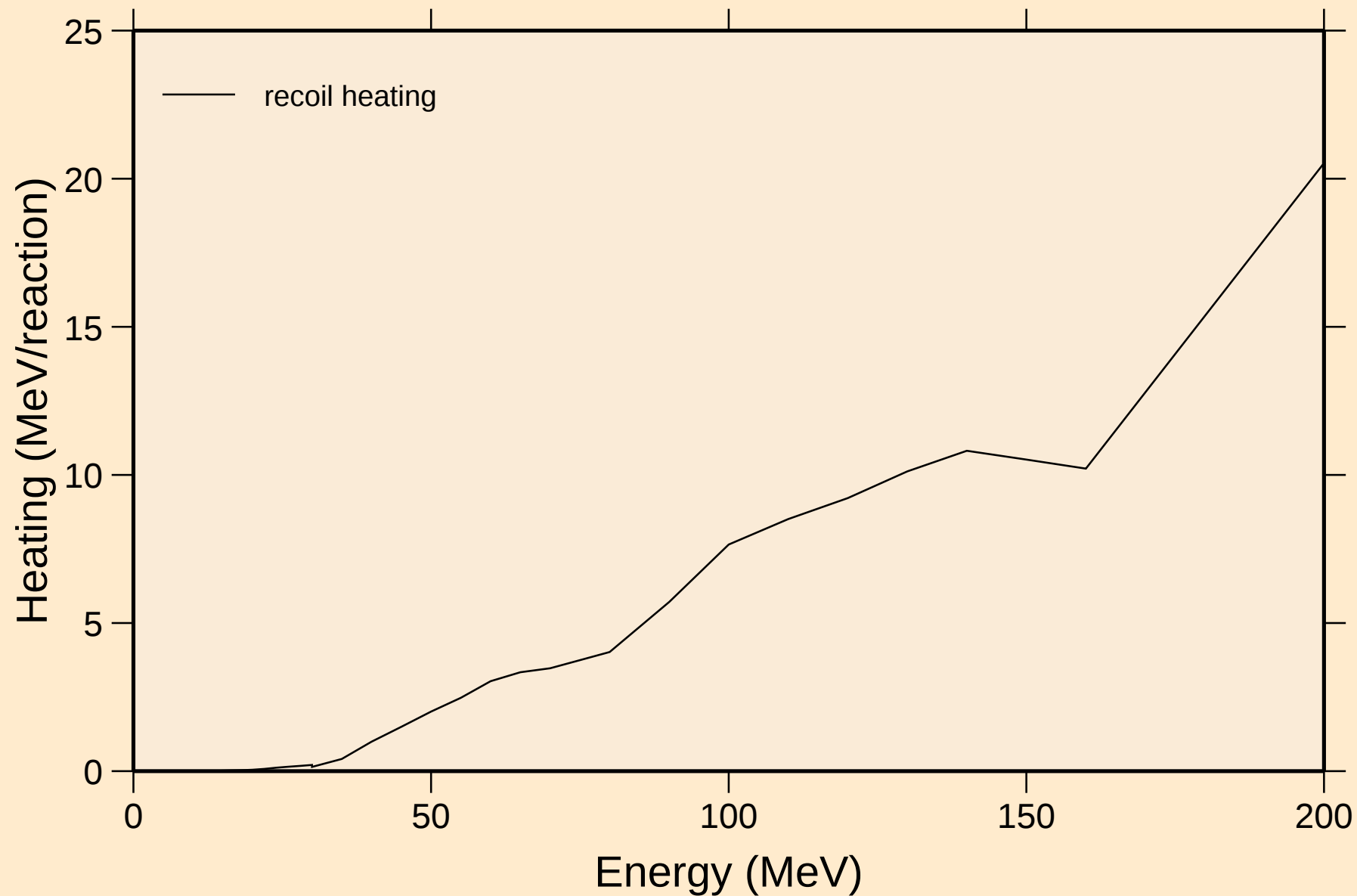


XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions

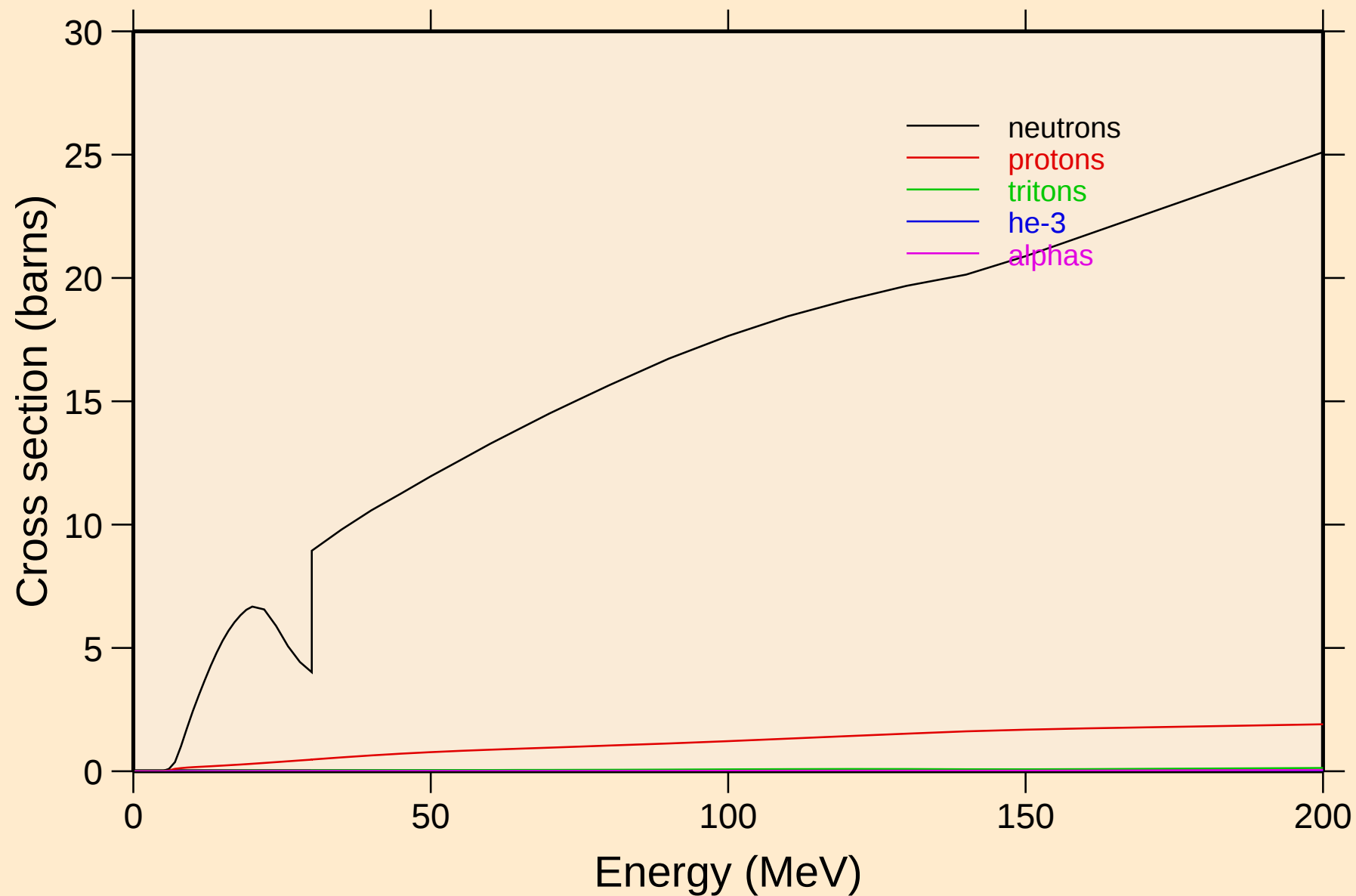


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Recoil Heating

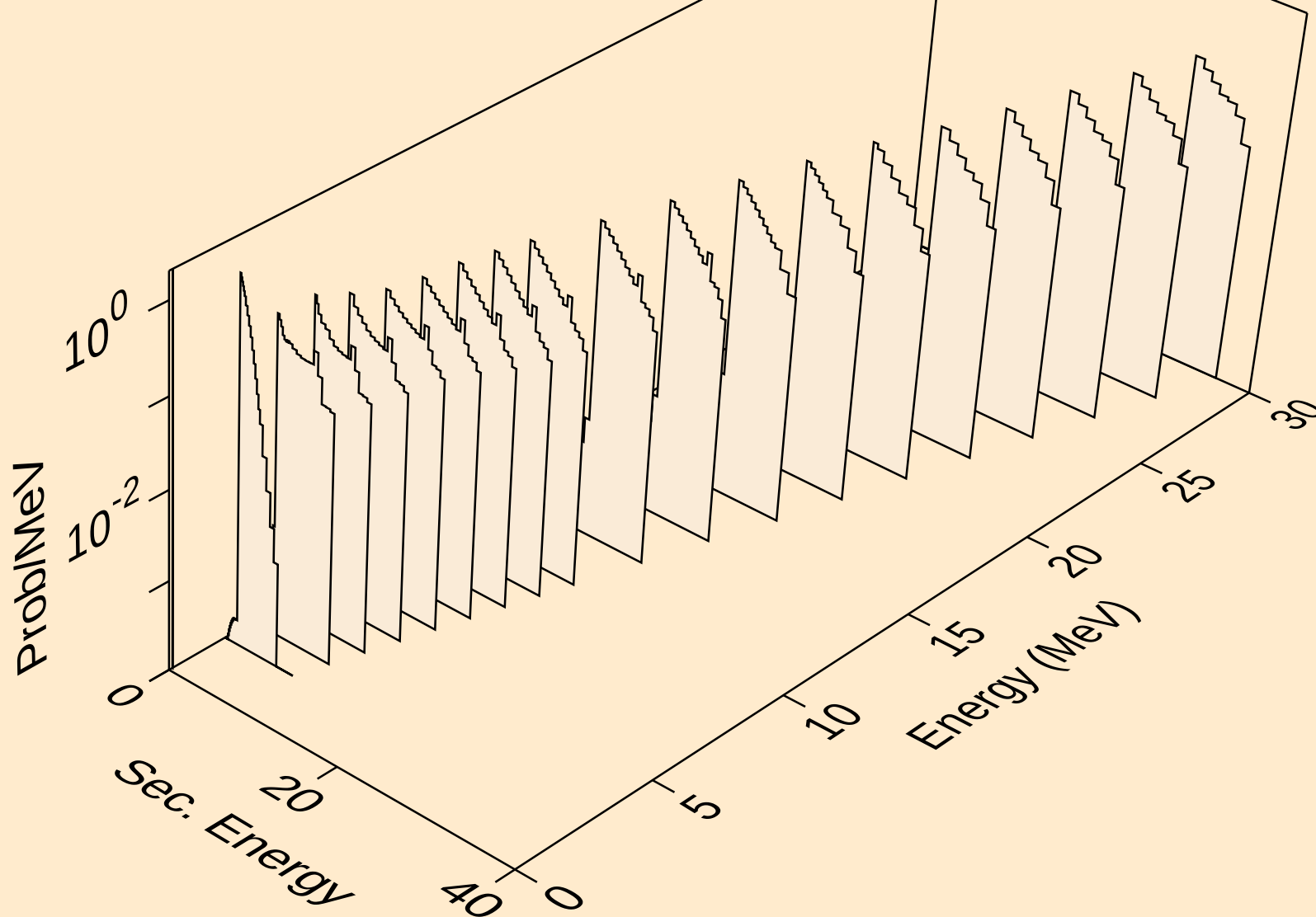


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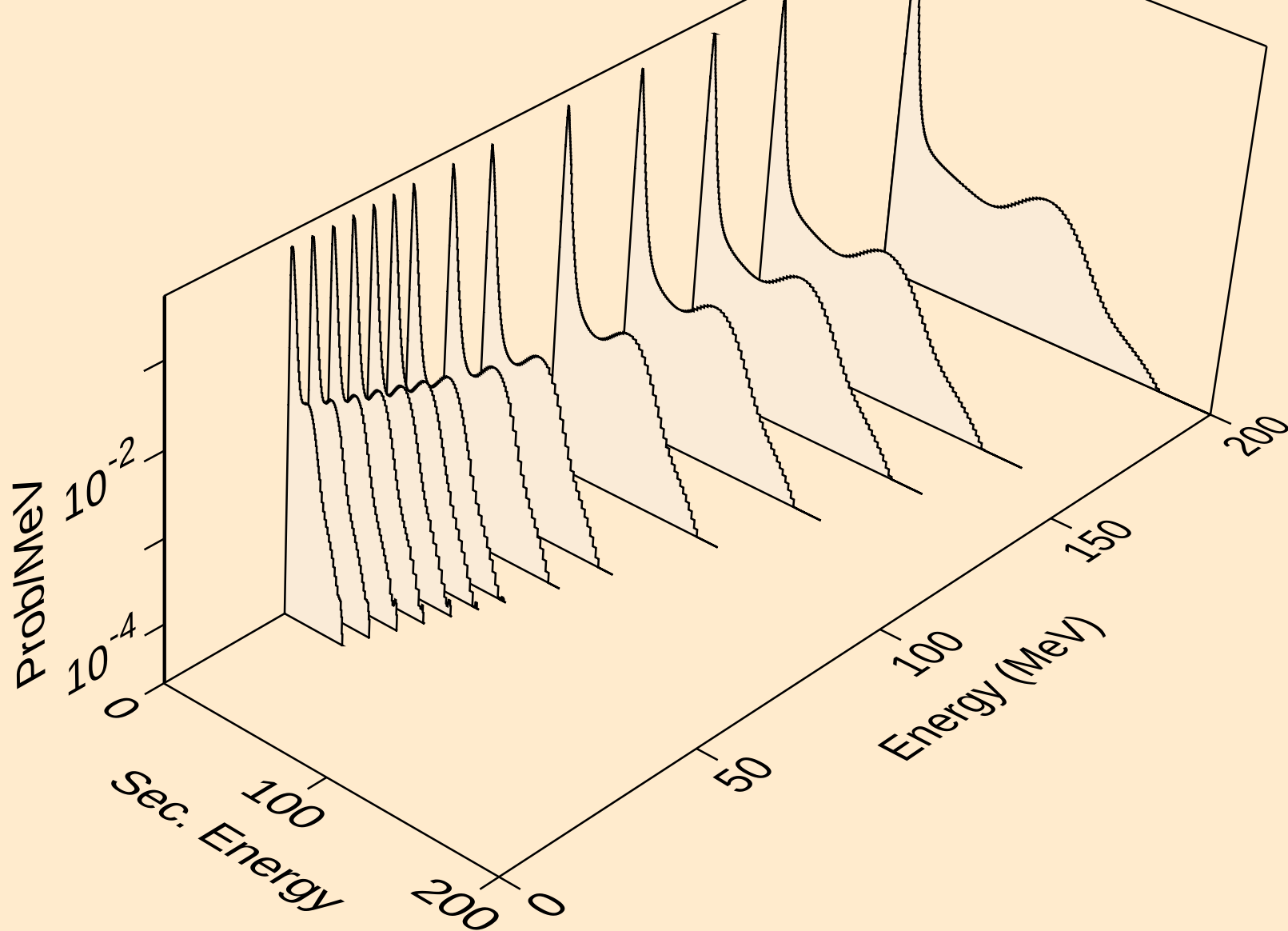
Particle production cross sections



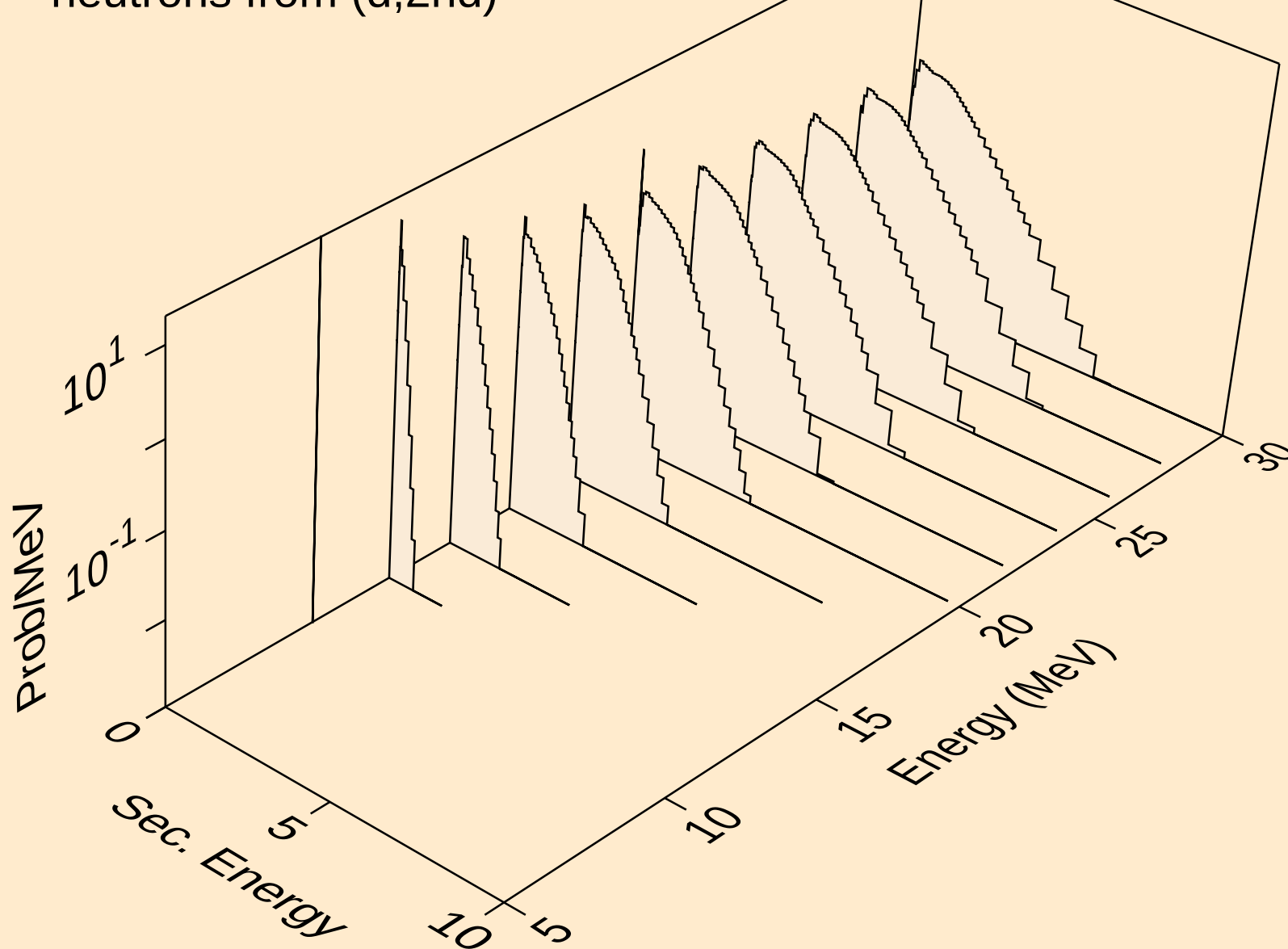
XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (d,n)



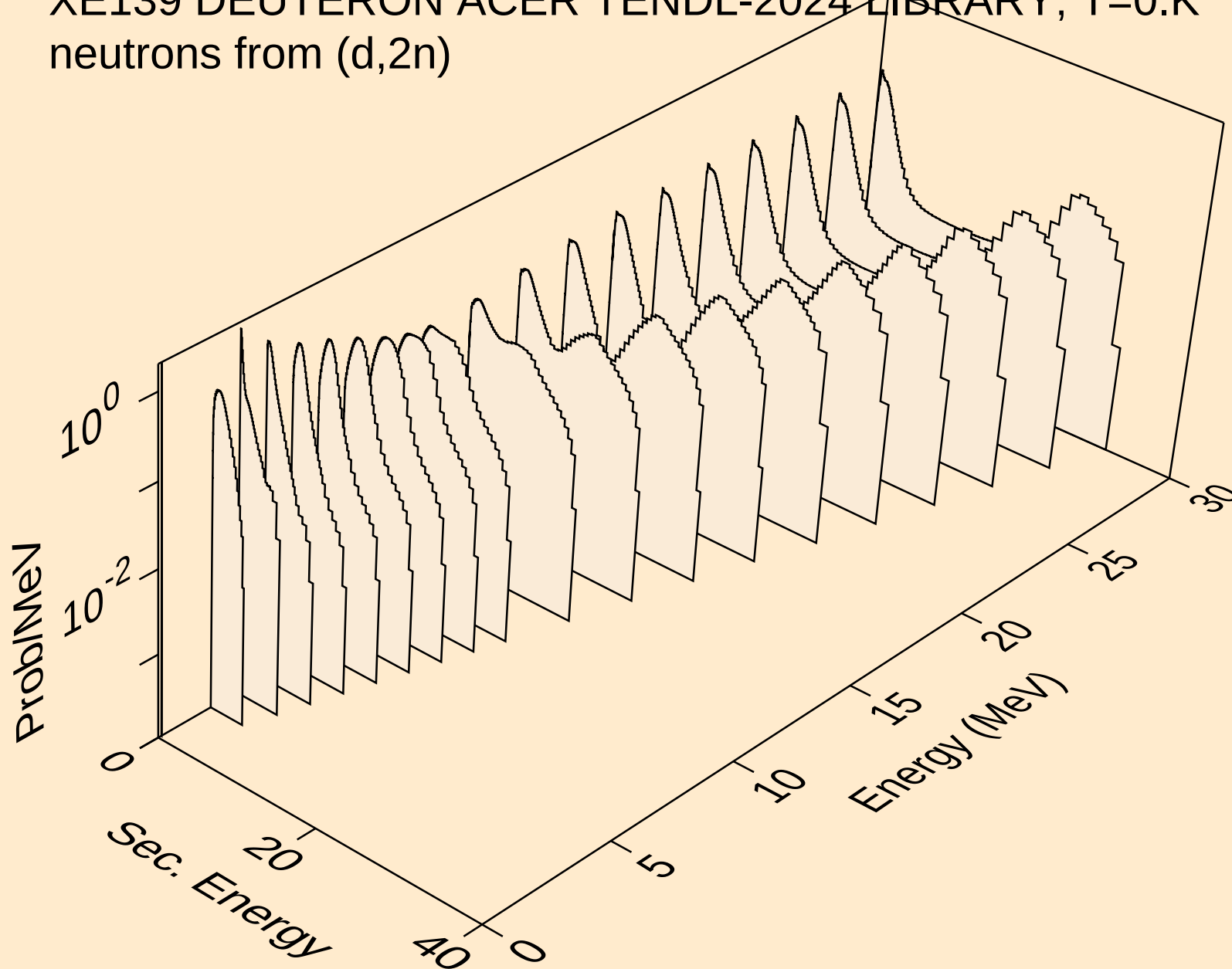
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neutrons from (d,x)



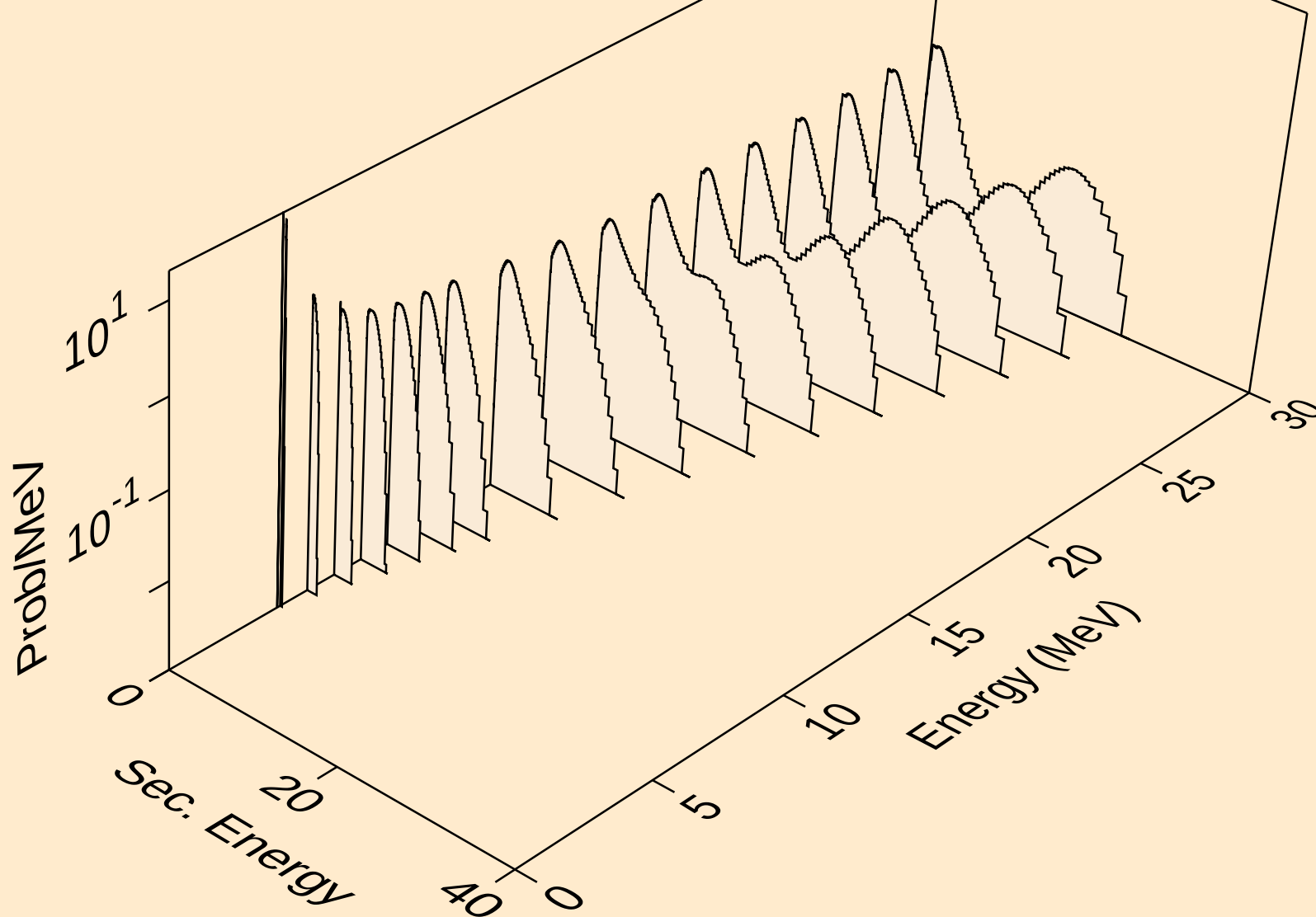
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neutrons from (d,2nd)



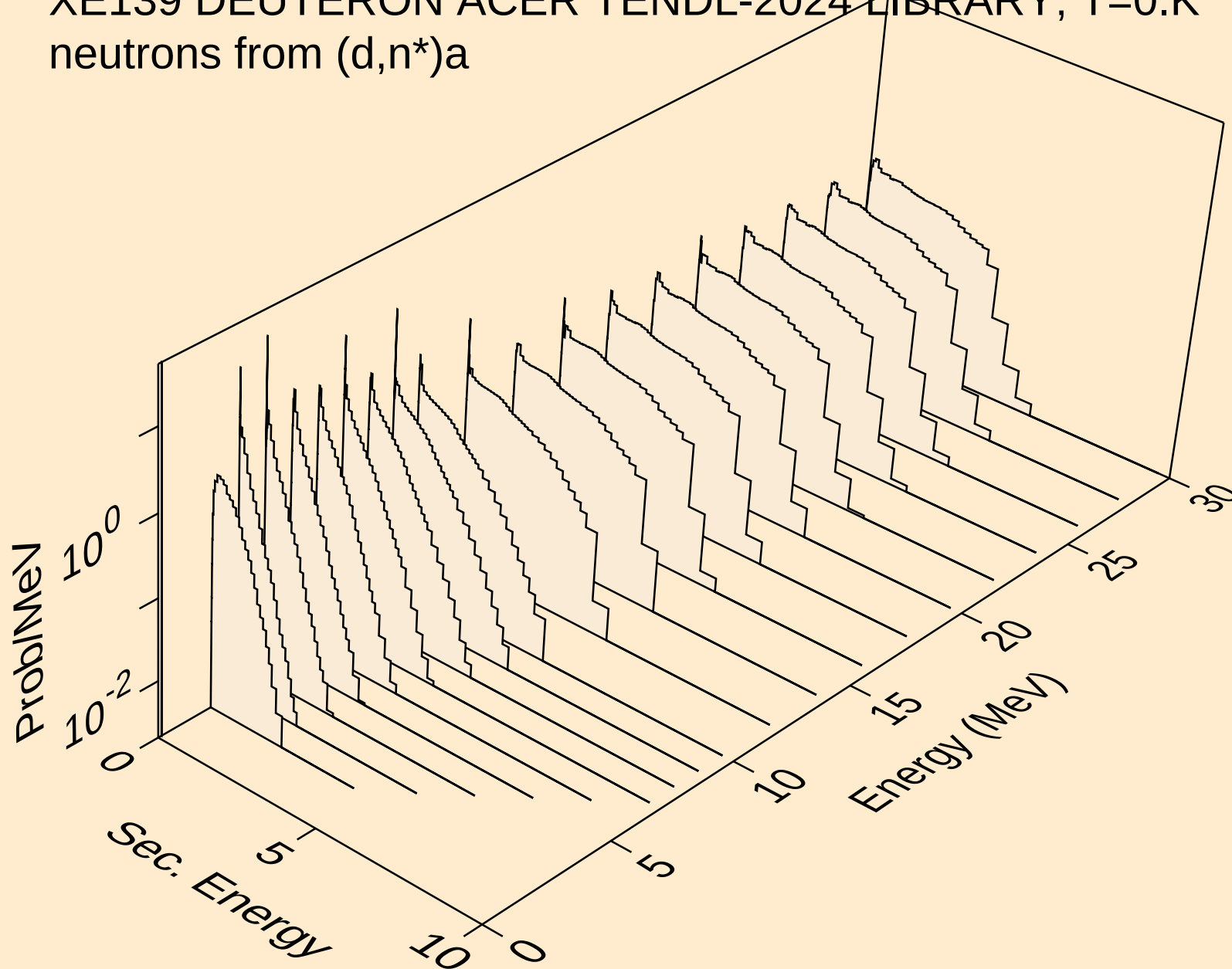
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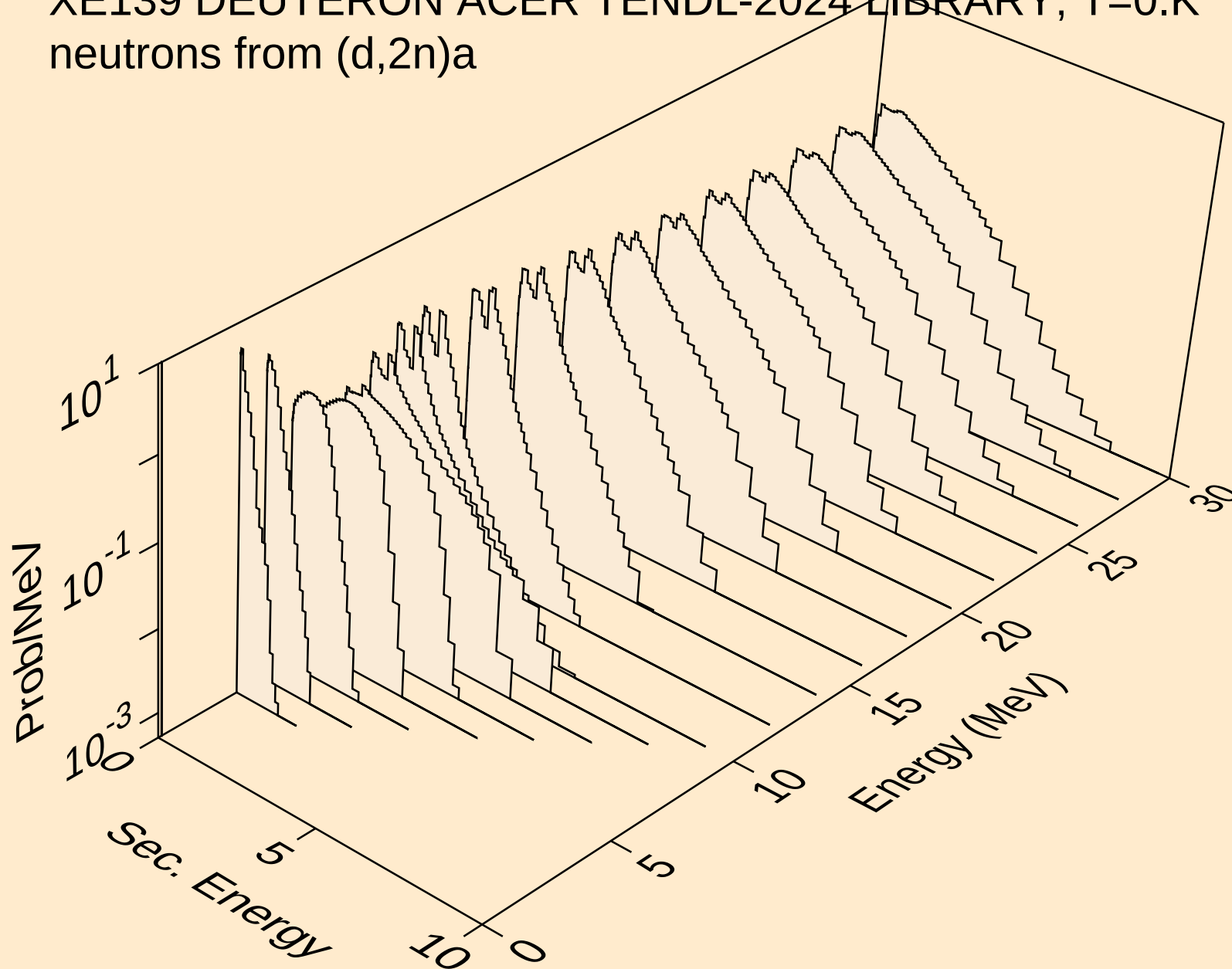
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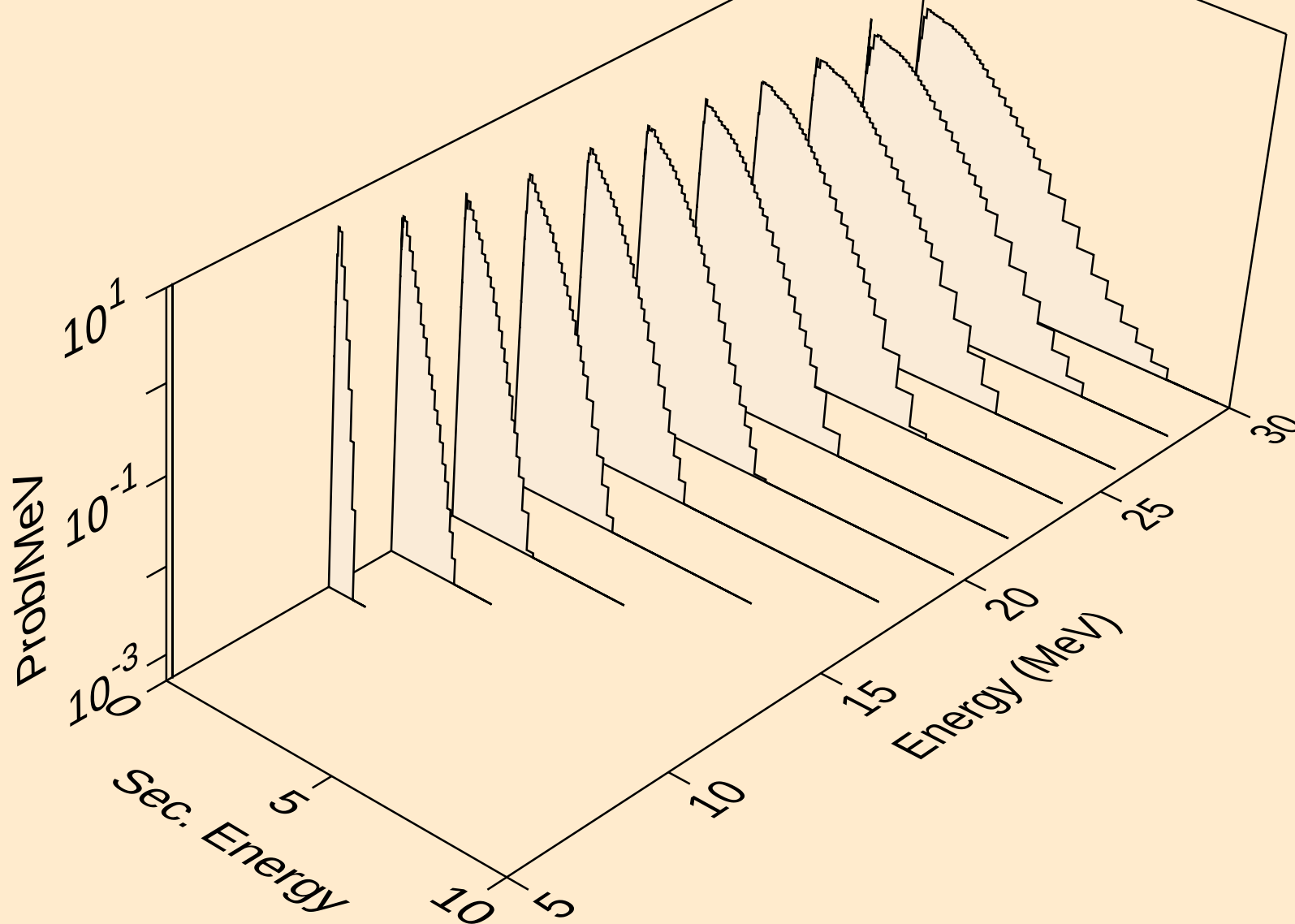
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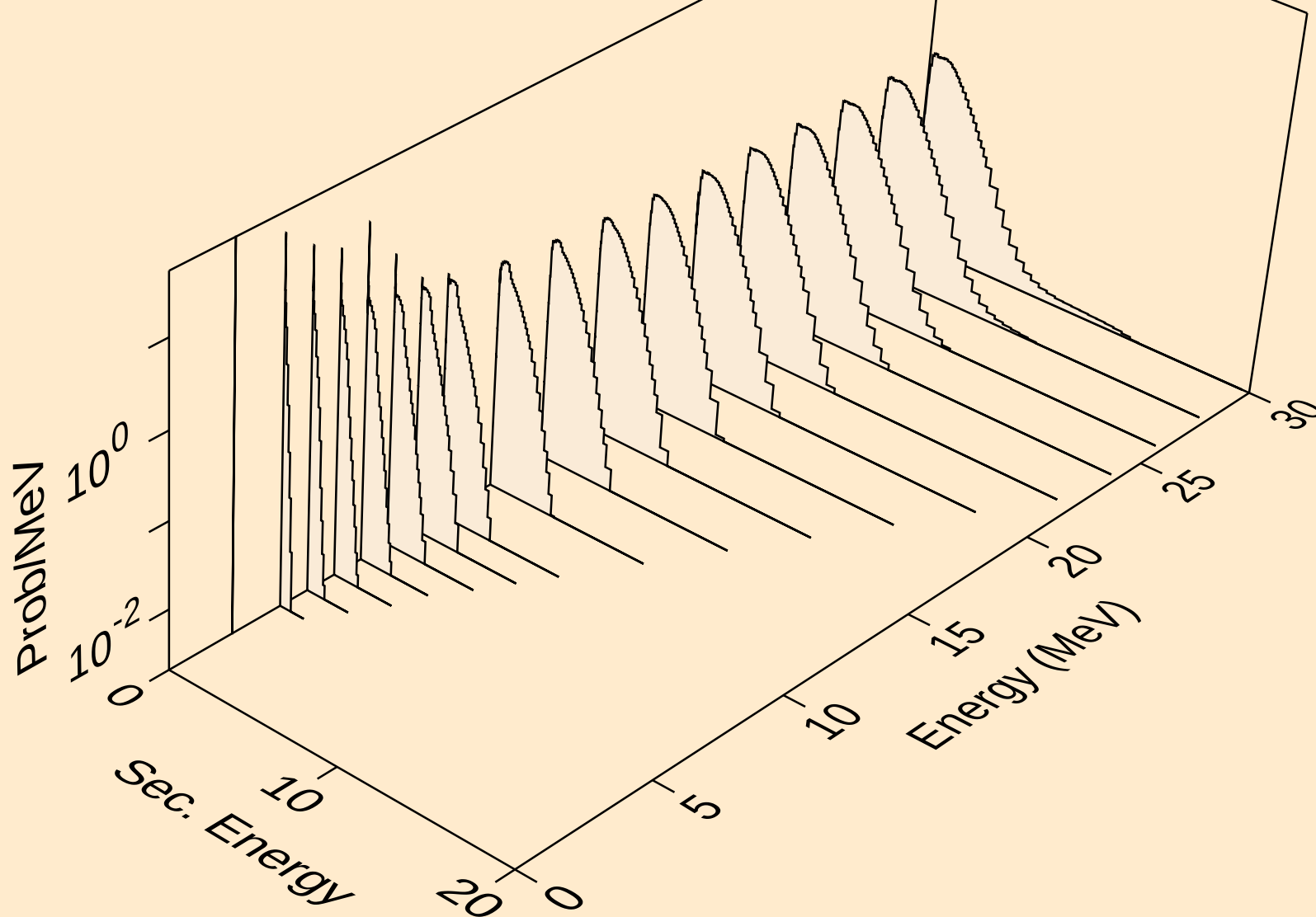
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neutrons from (d,2n)a



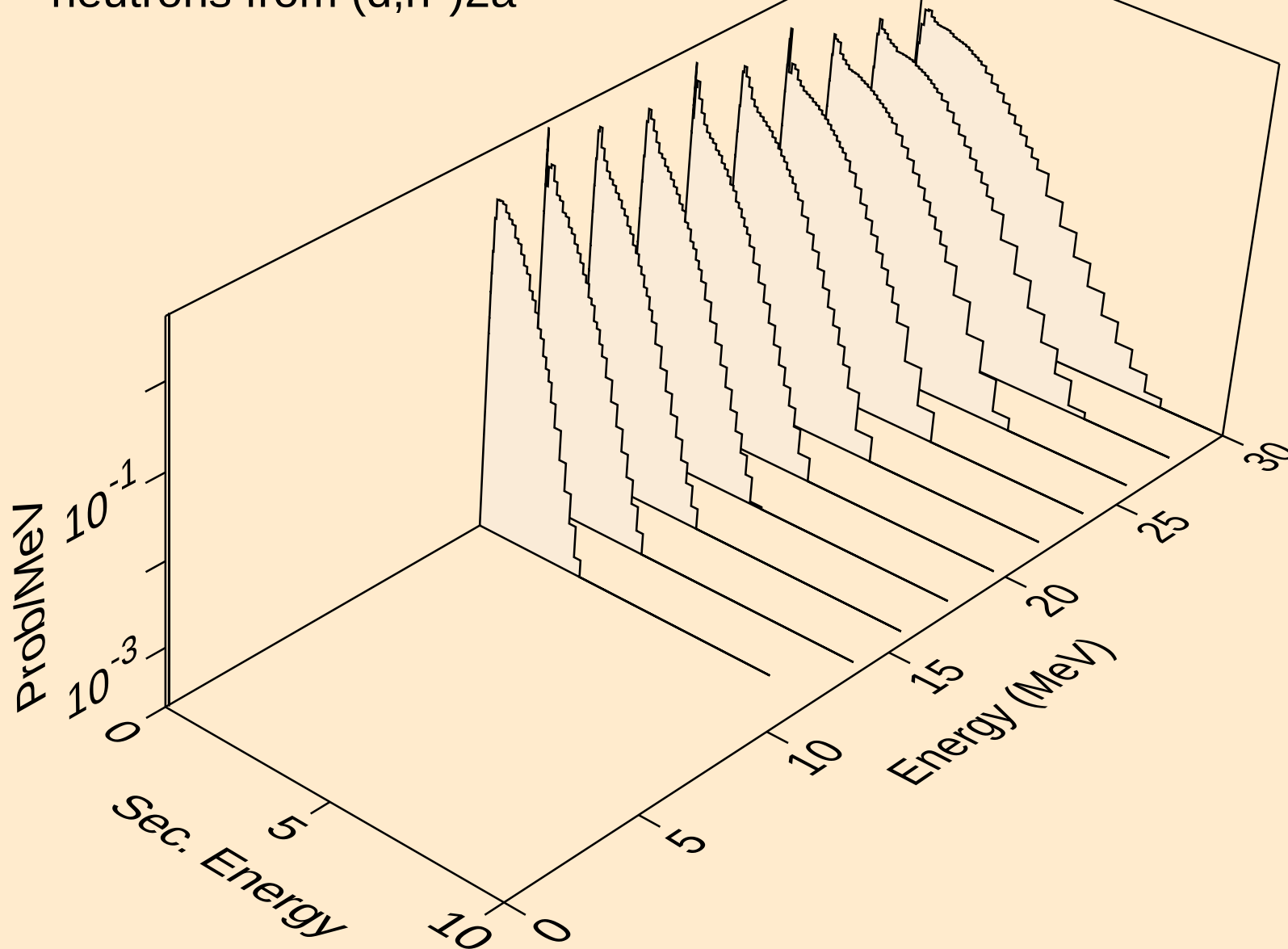
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neutrons from (d,3n)a



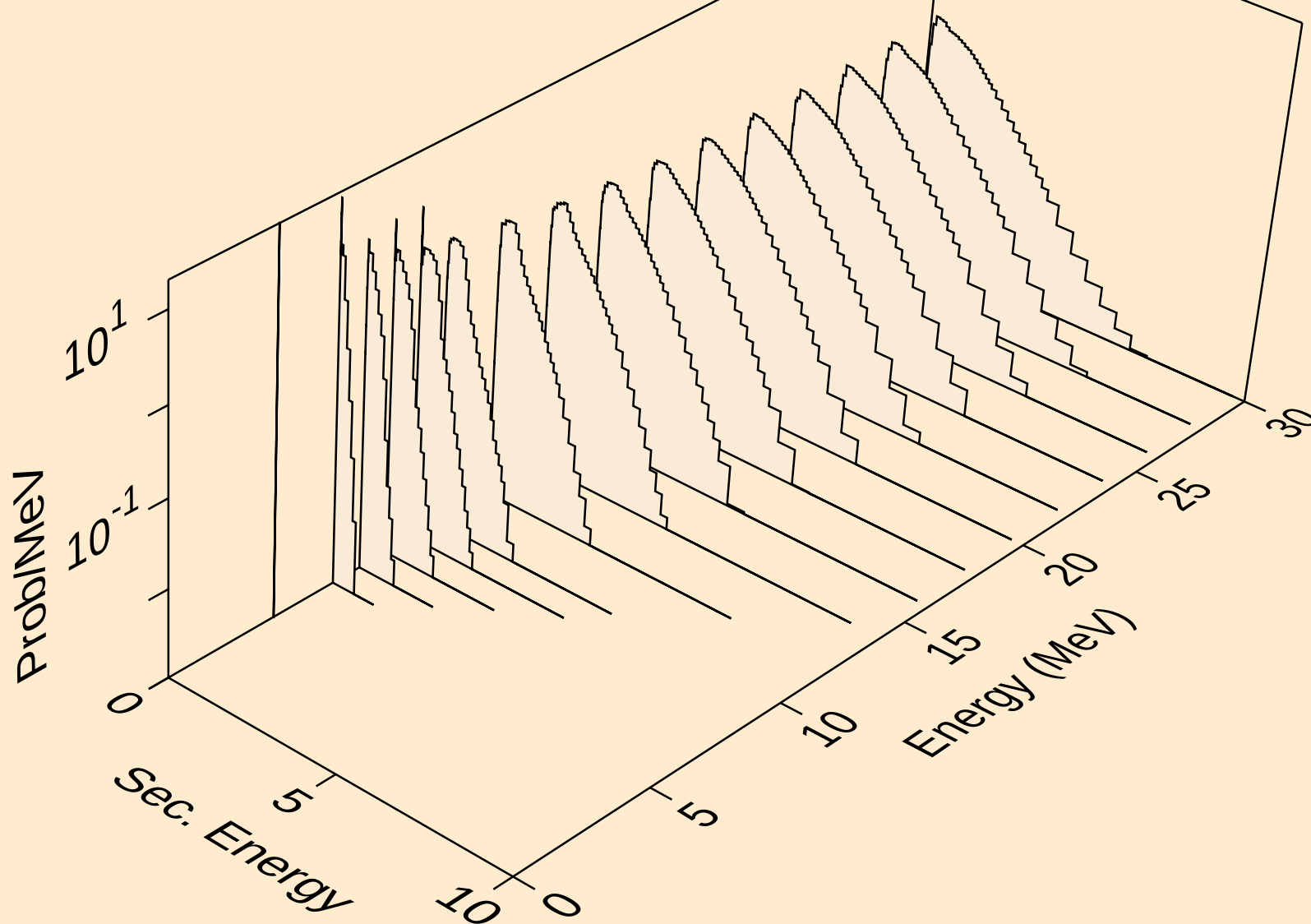
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neutrons from (d,n*)p



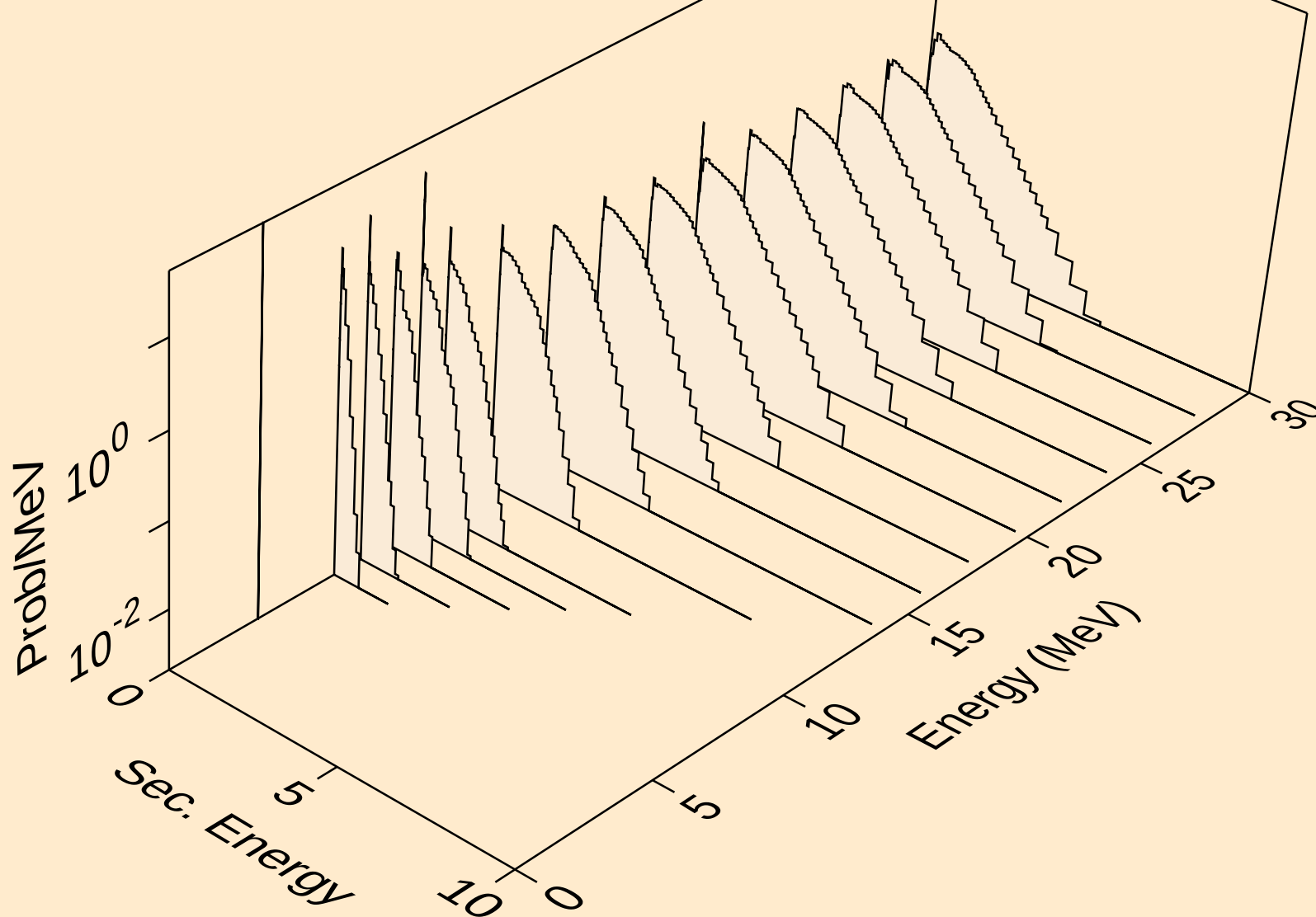
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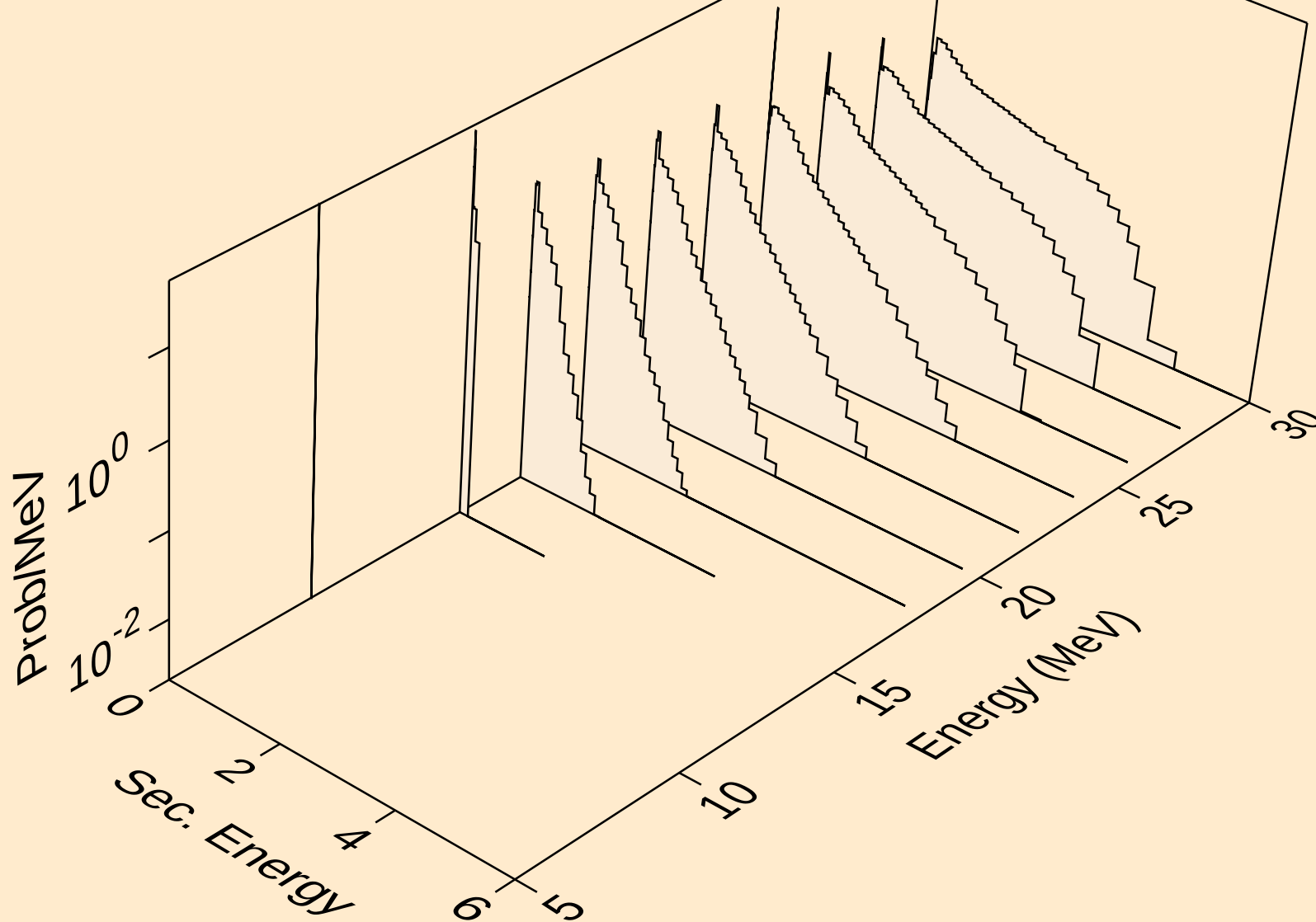
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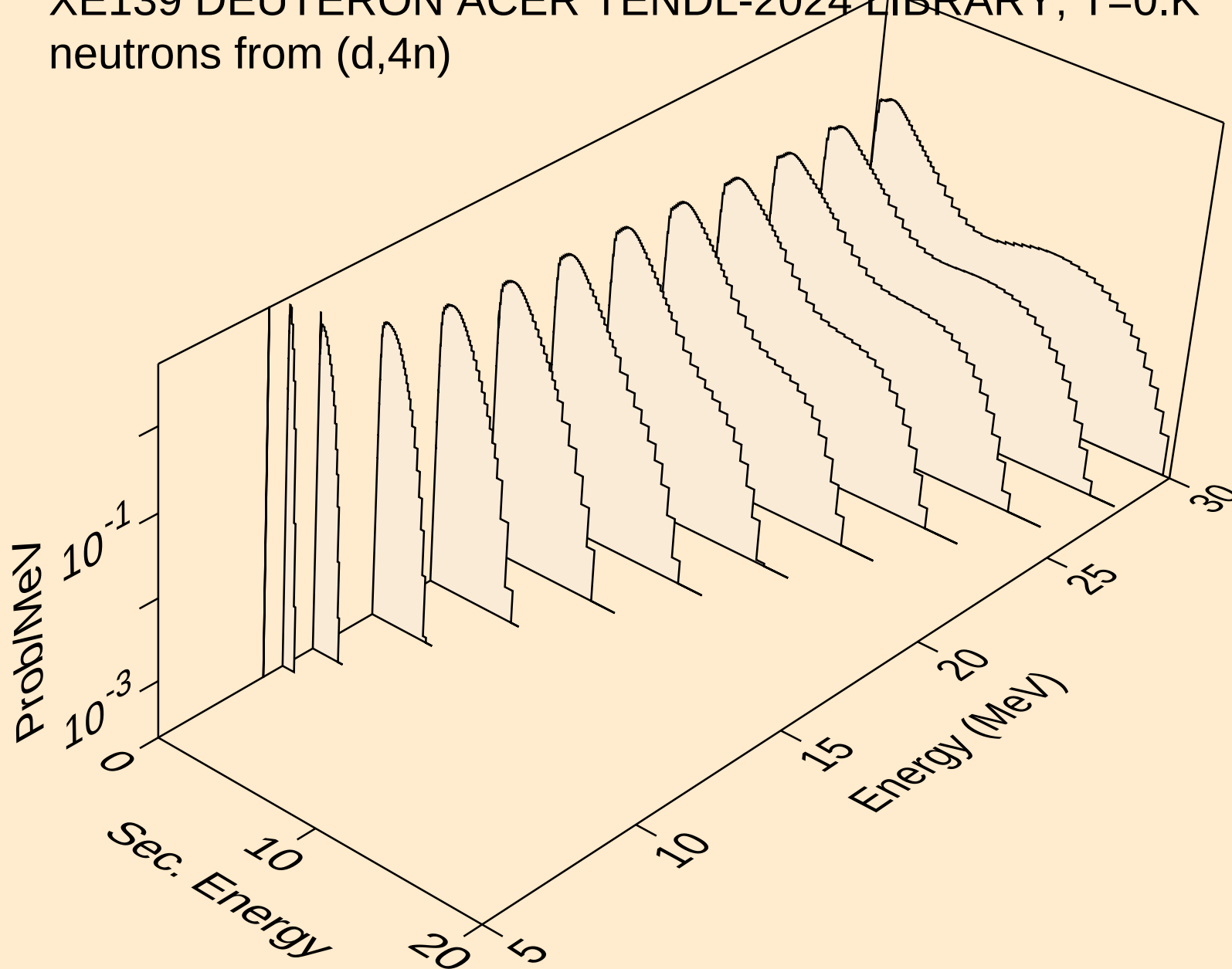
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neutrons from (d,n*)t



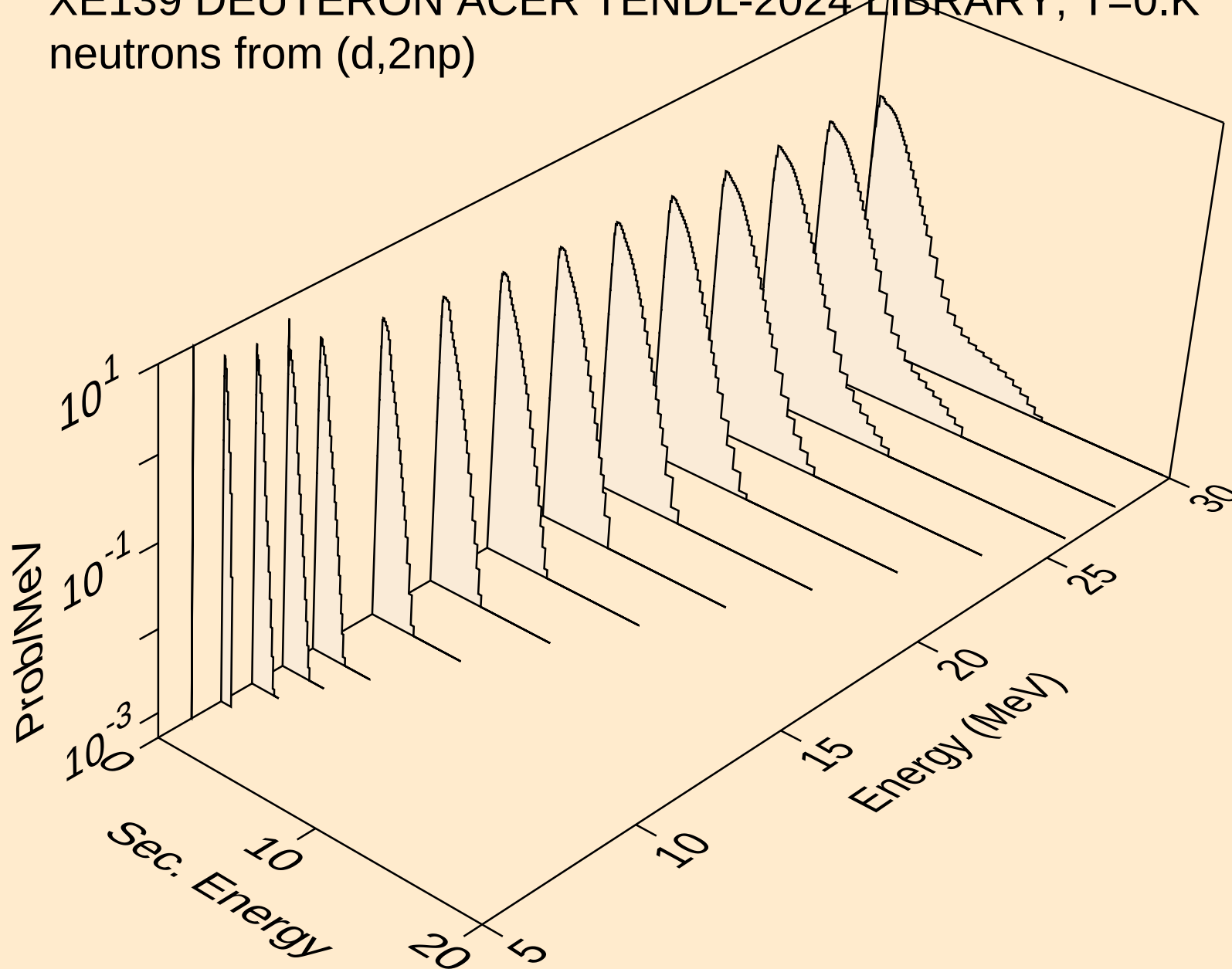
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neutrons from (d,n*)he3



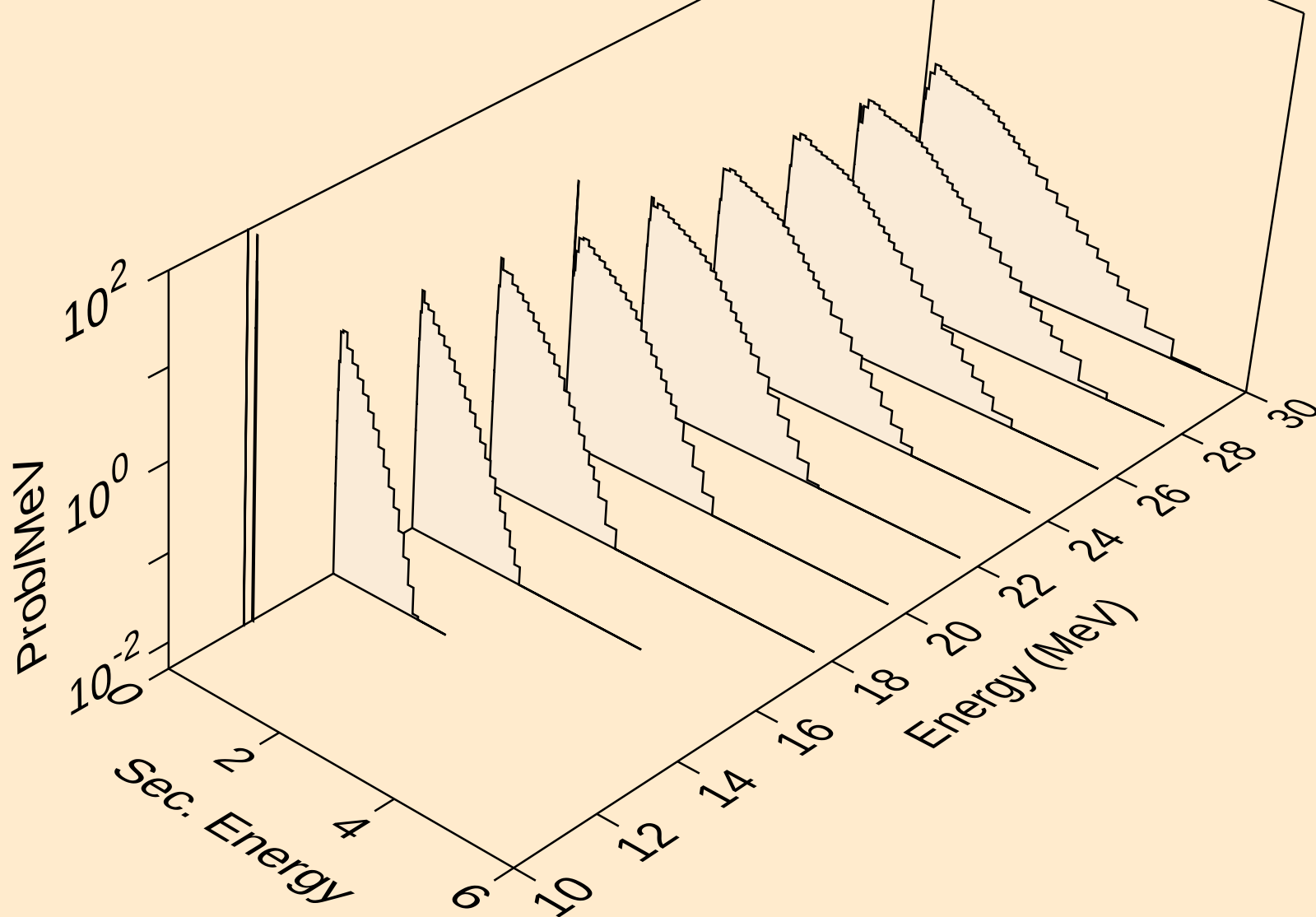
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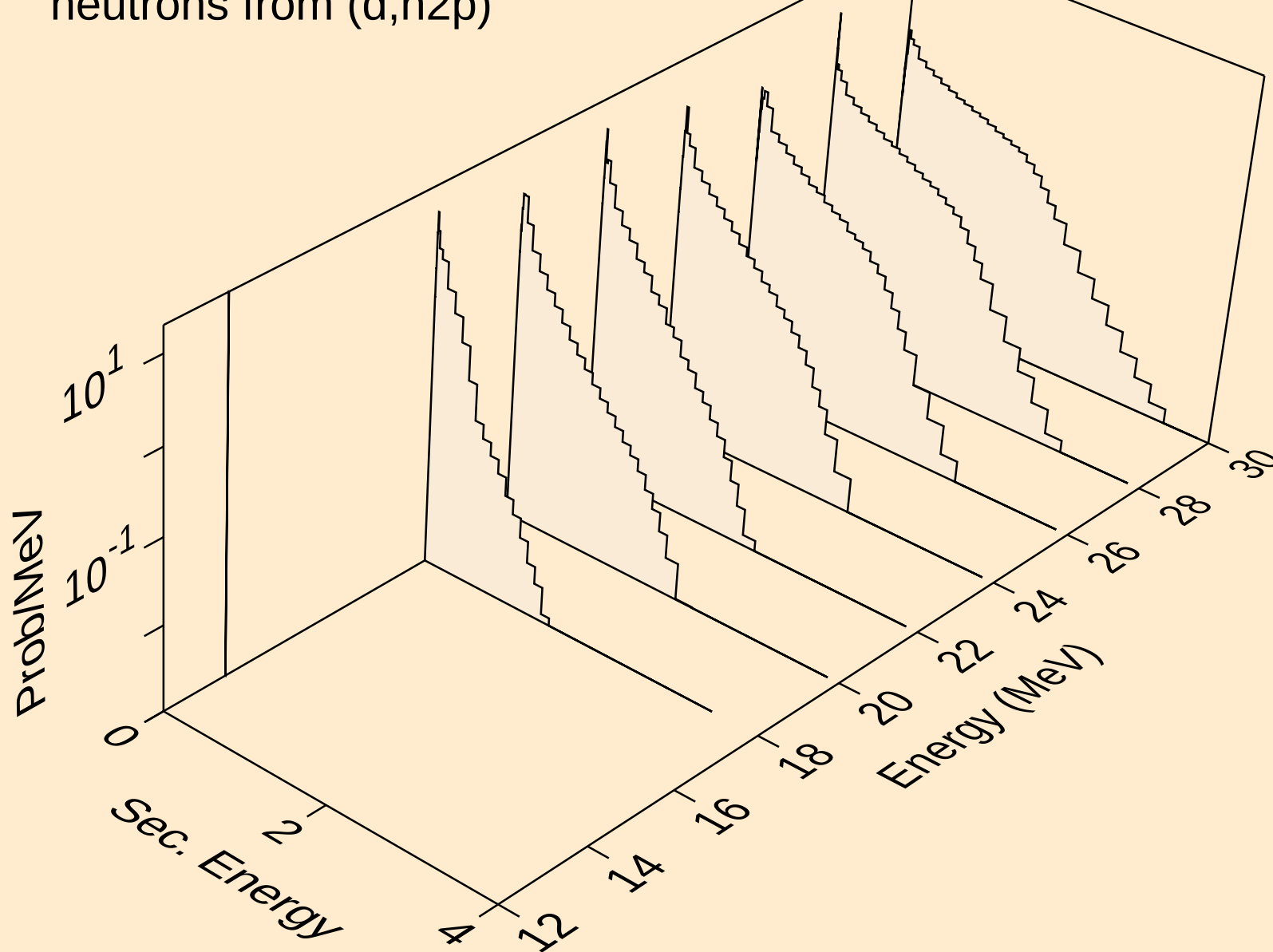
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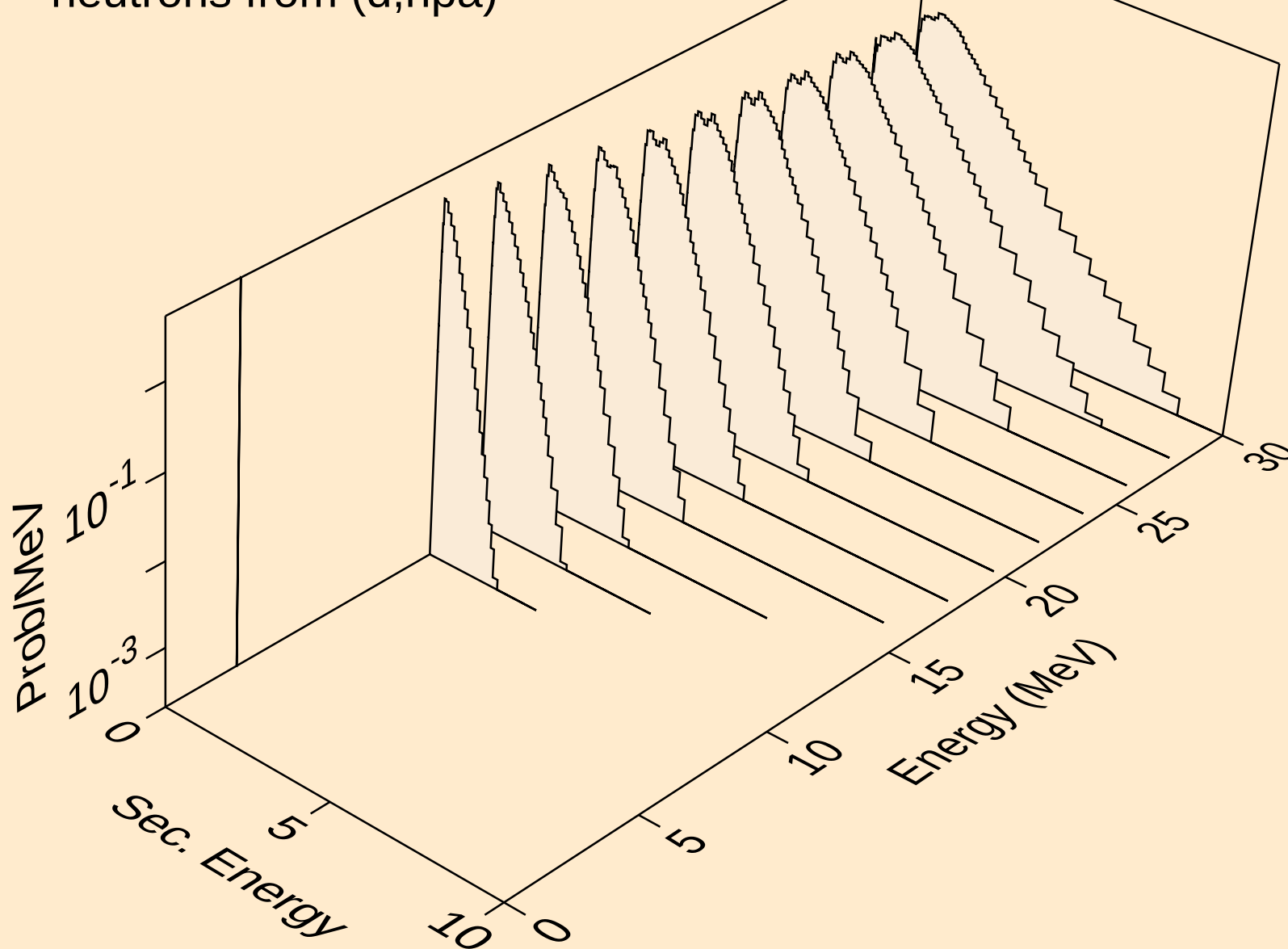
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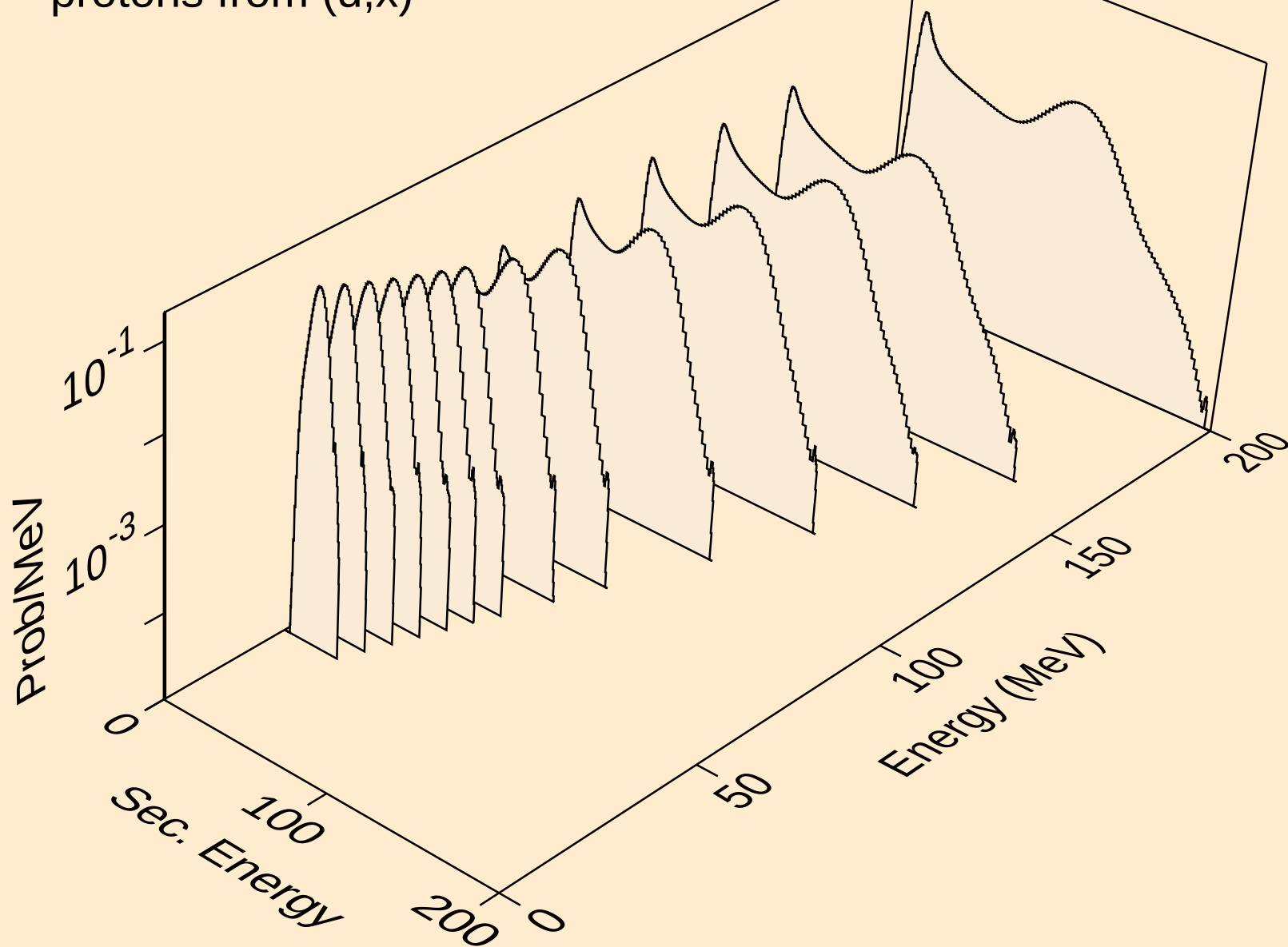
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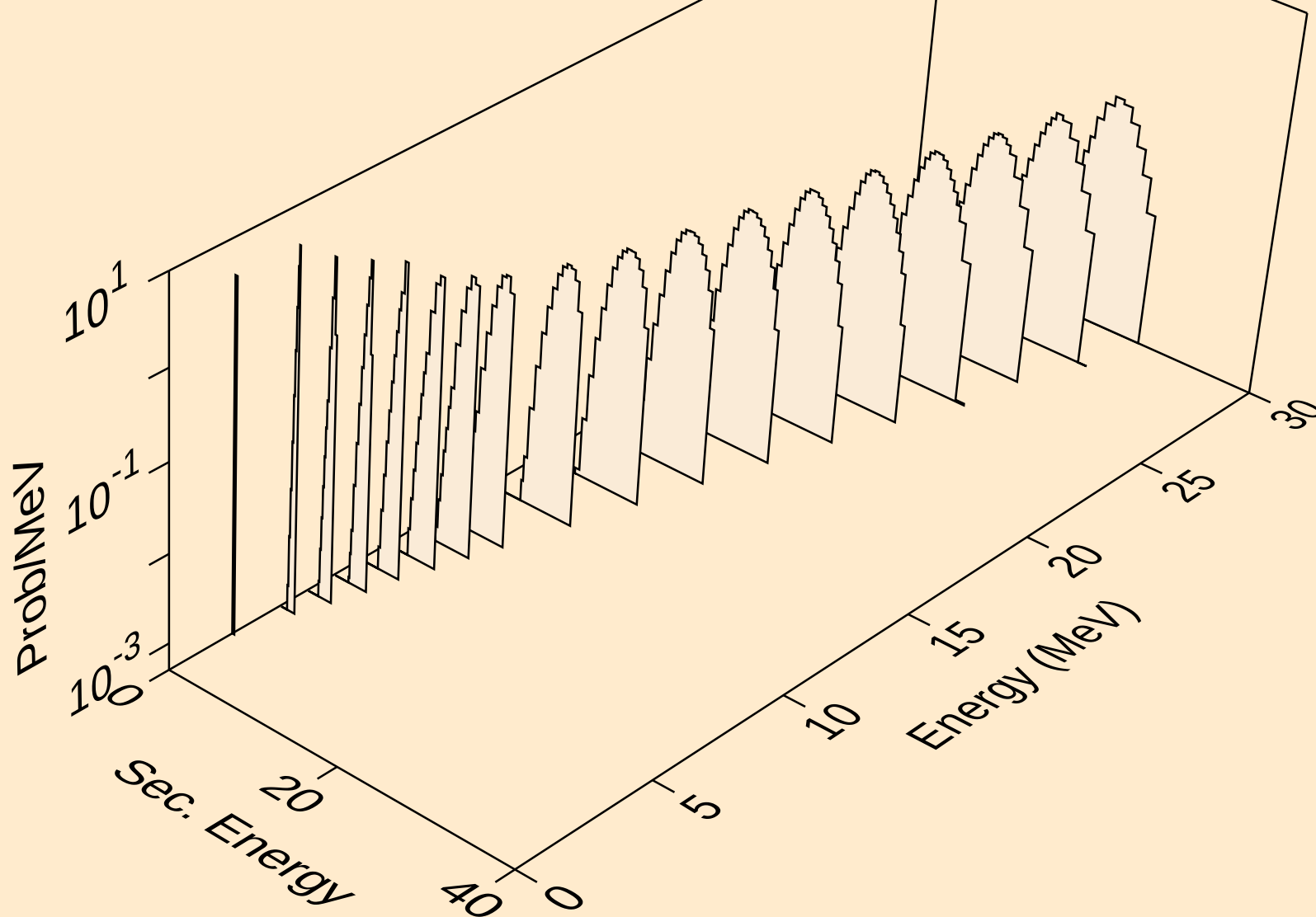
XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (d,npa)



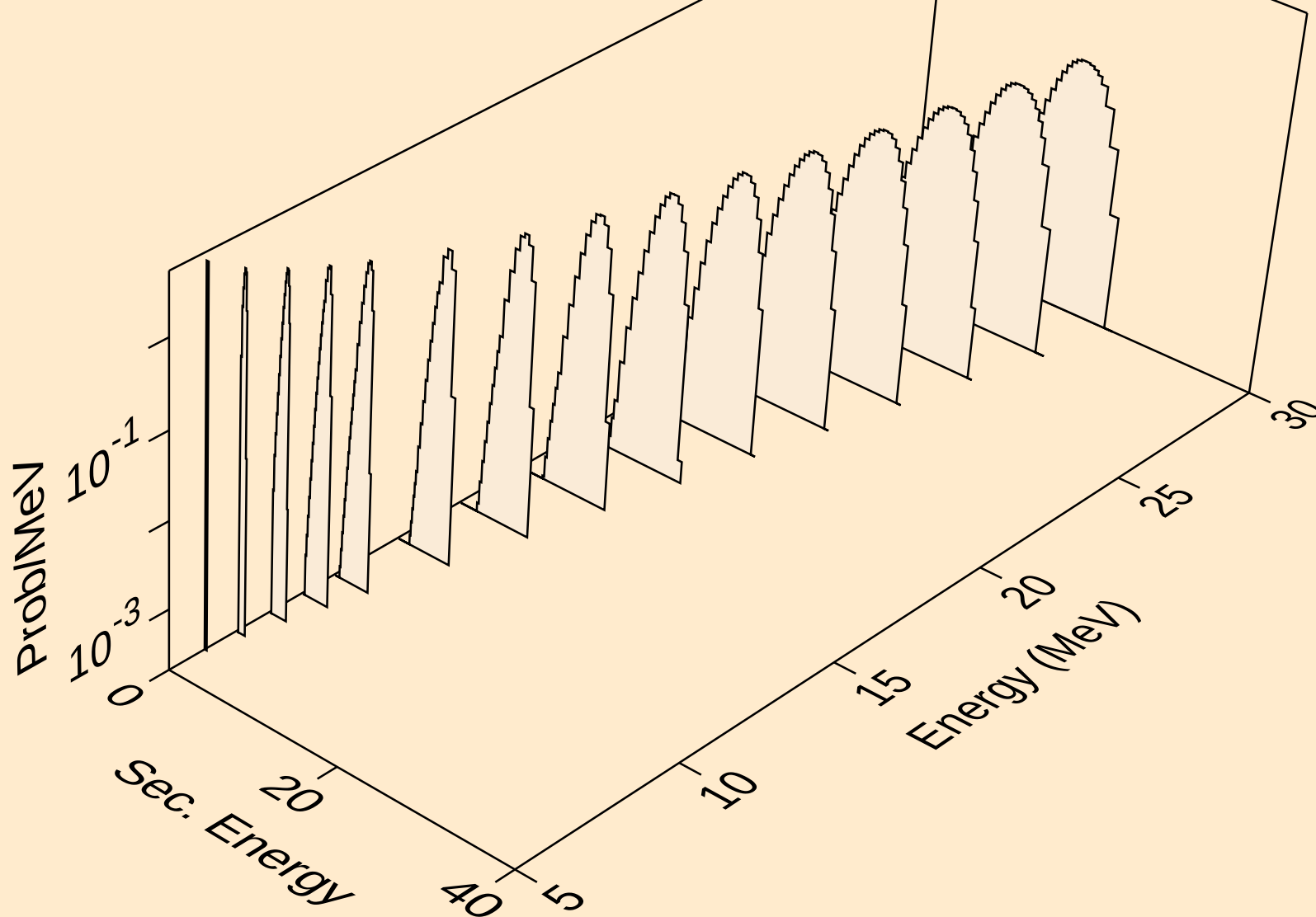
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protons from (d,x)



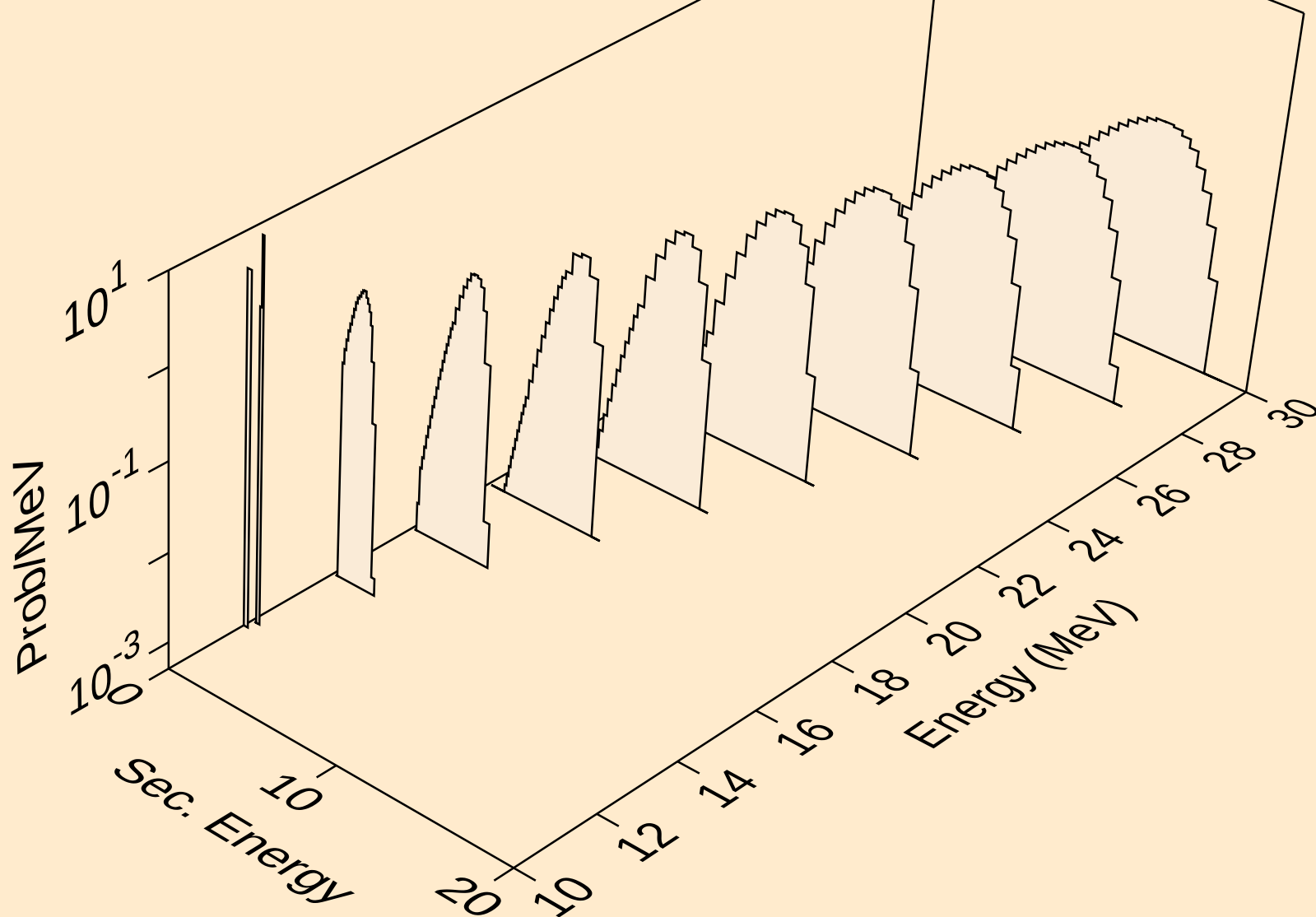
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protons from (d,n*)p



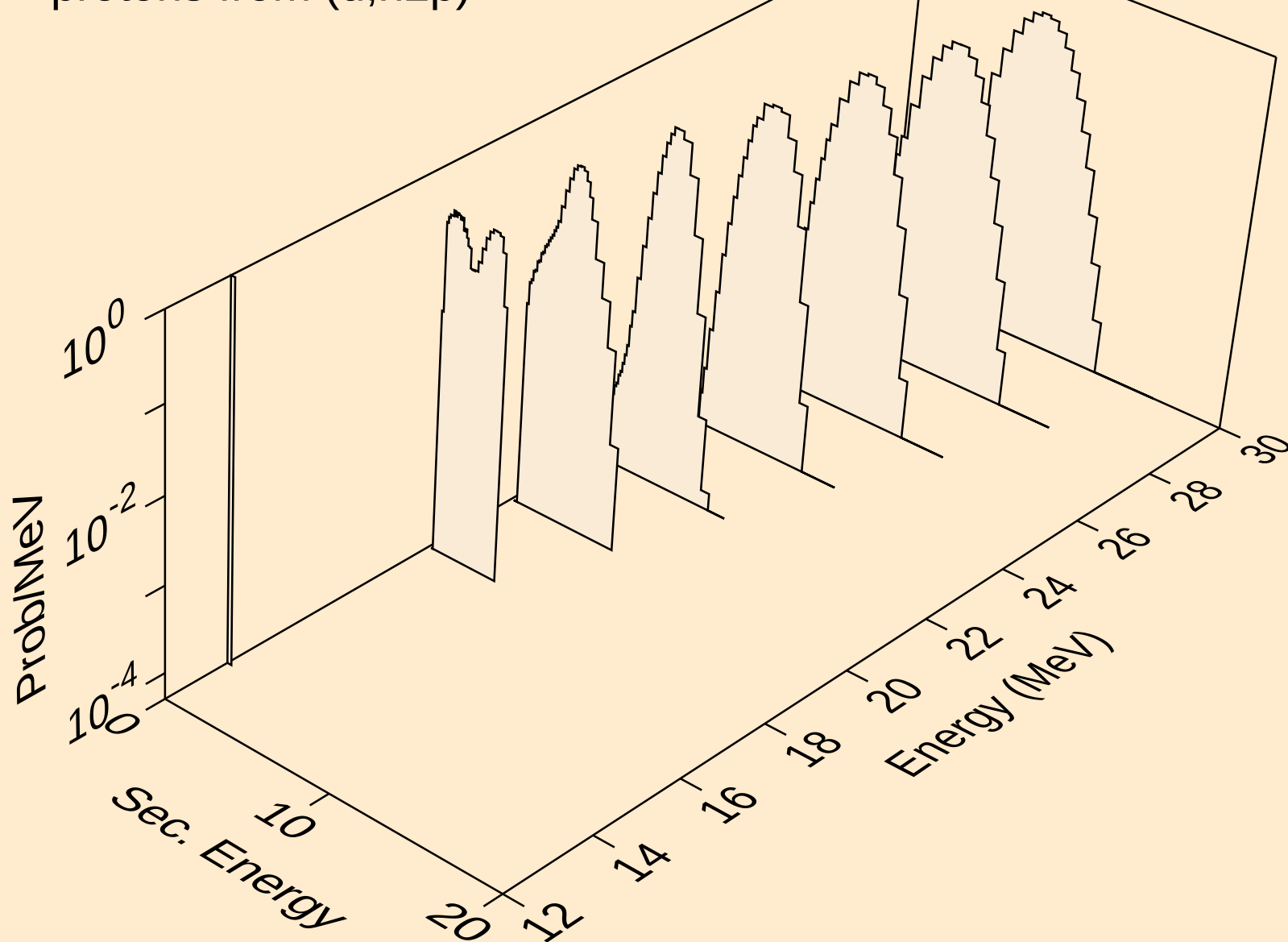
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protons from (d,2np)



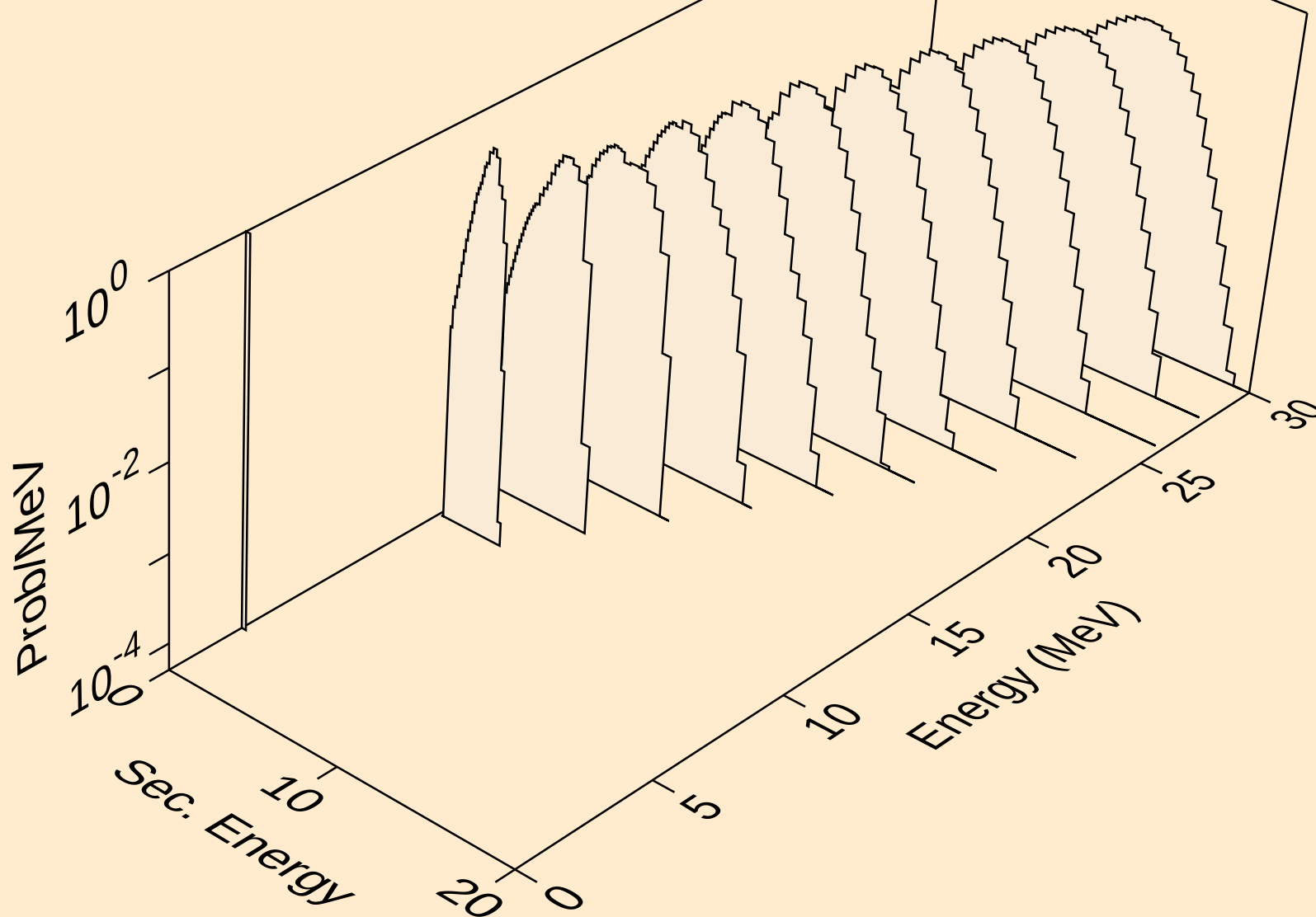
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protons from (d,3np)



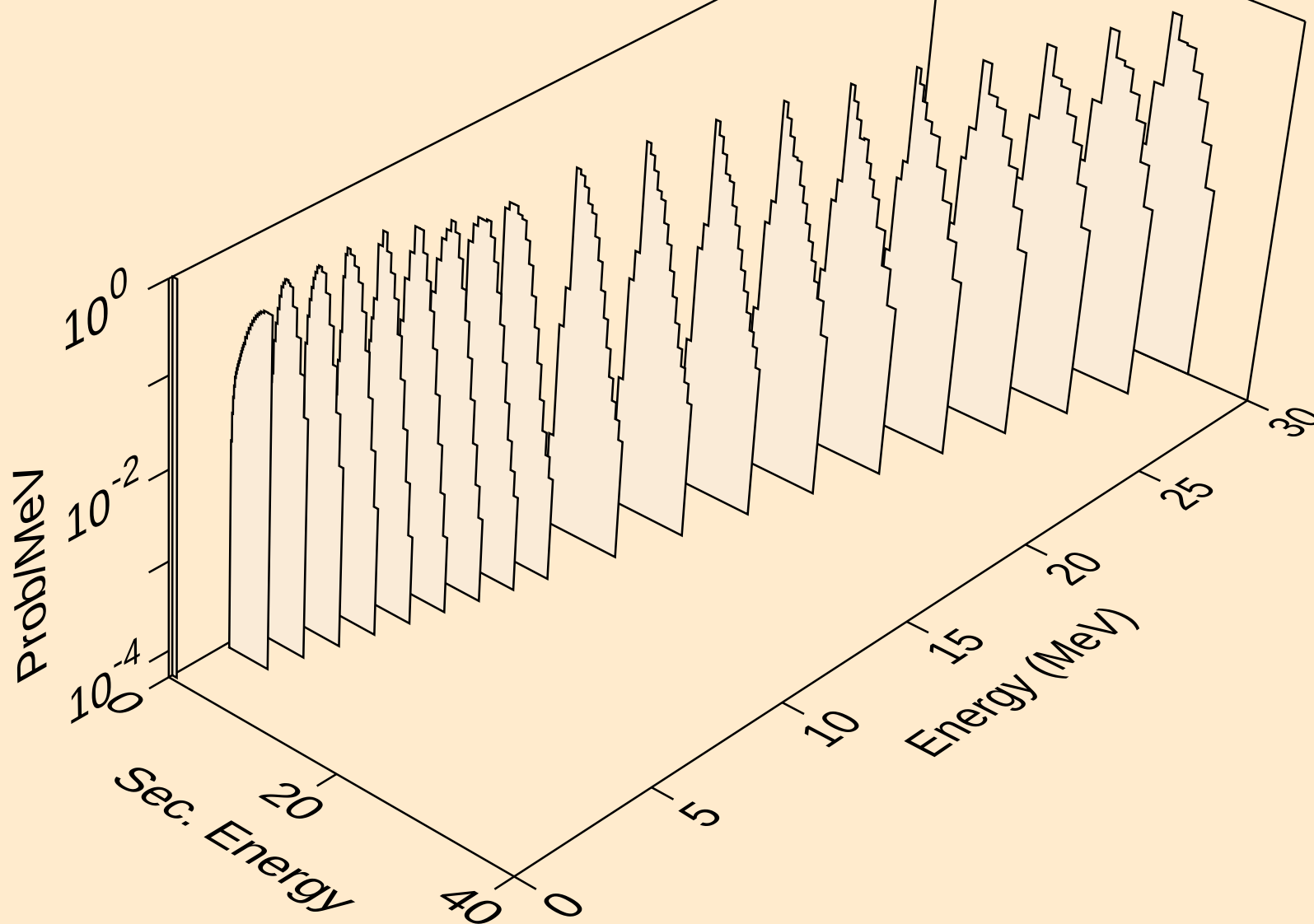
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protons from (d,n2p)



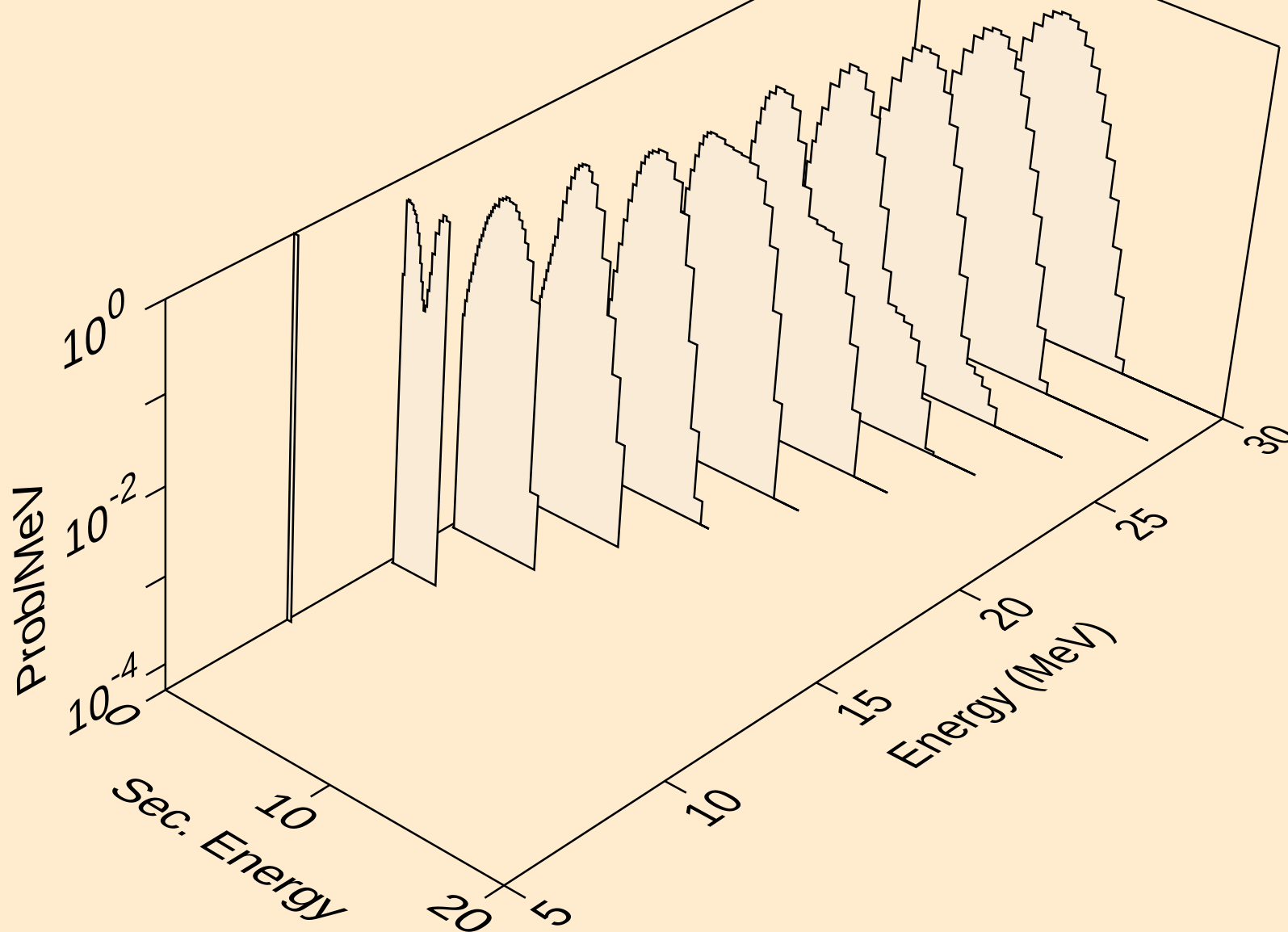
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protons from (d,npa)



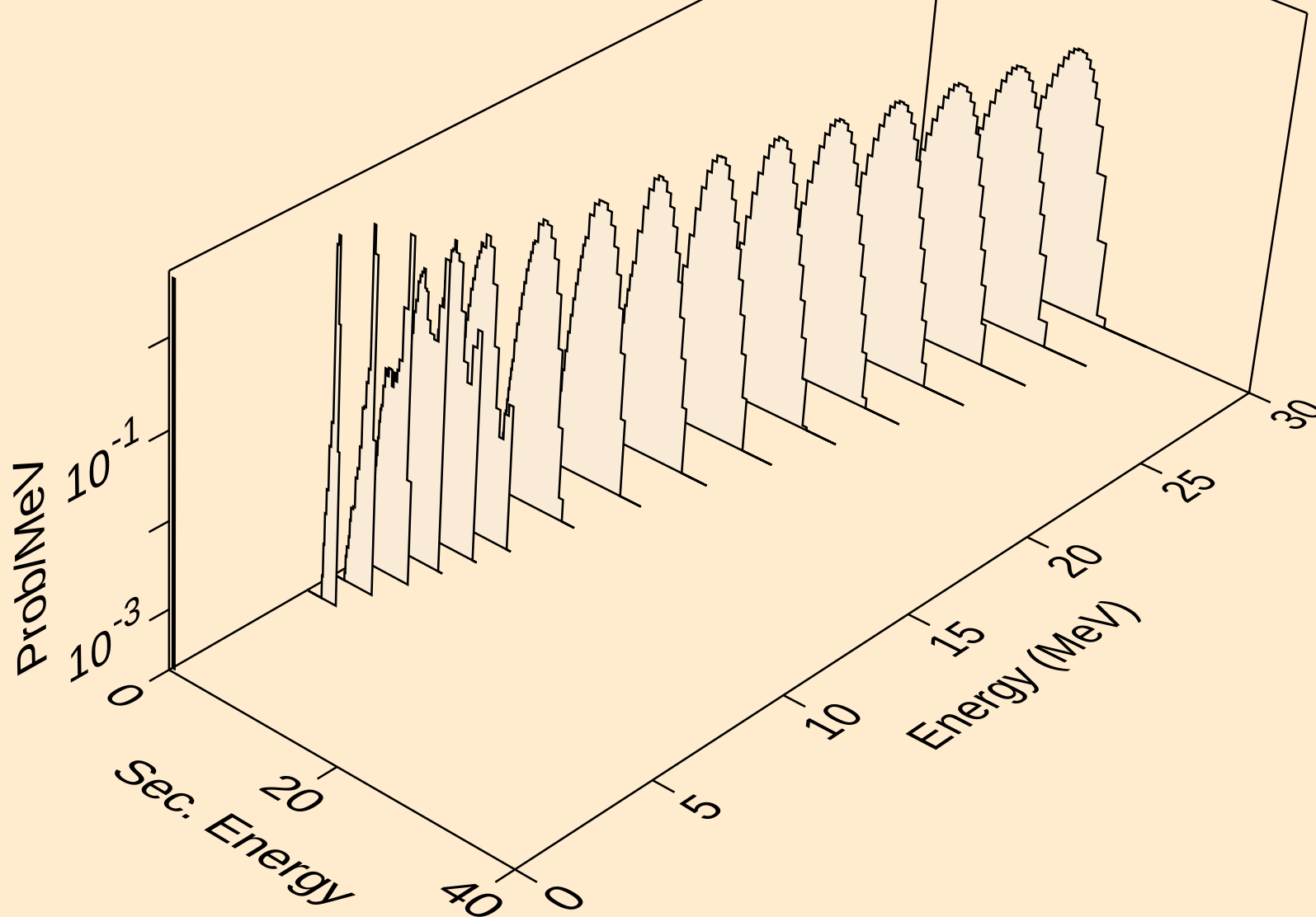
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protons from (d,p)



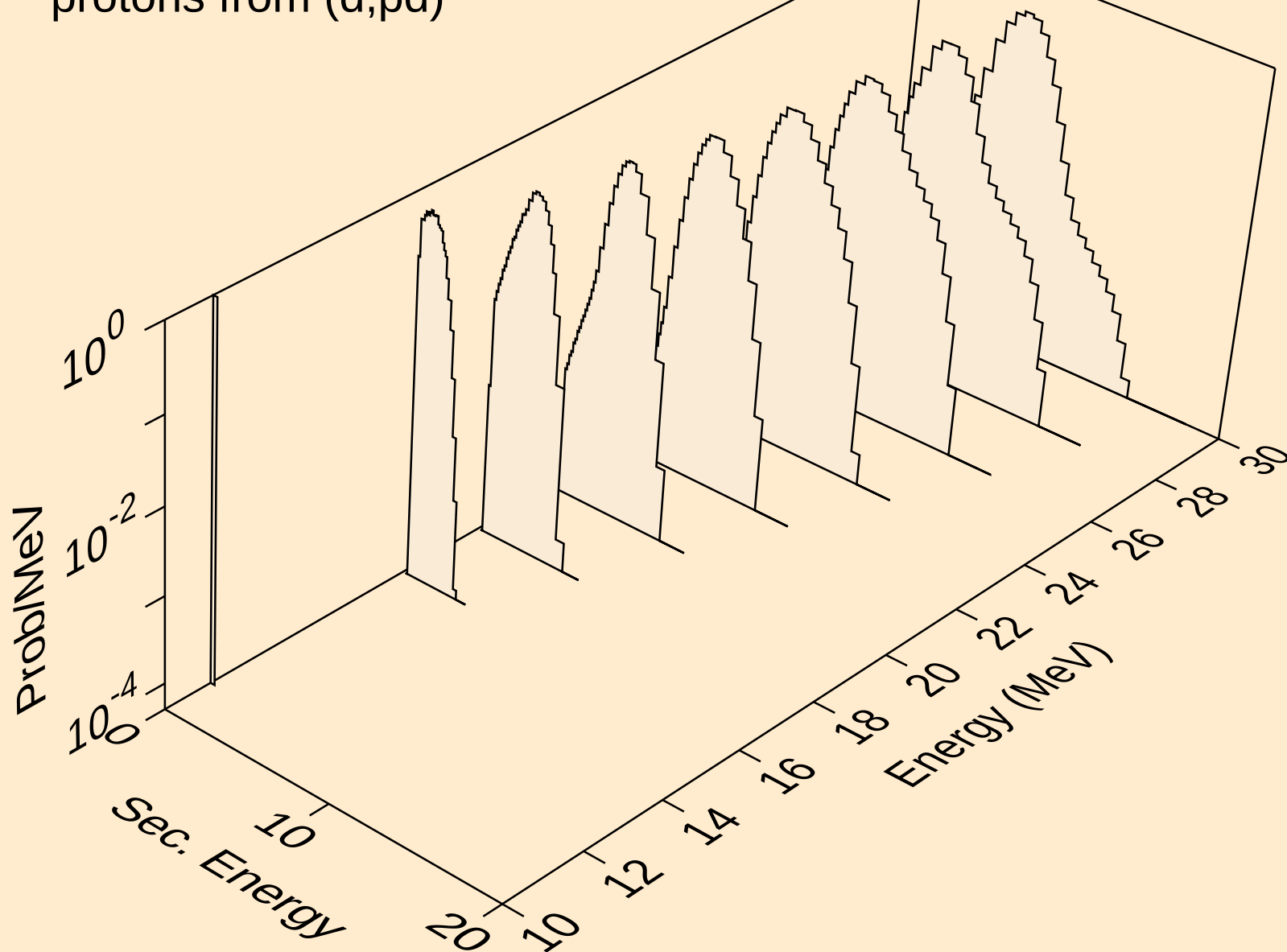
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protons from (d,2p)



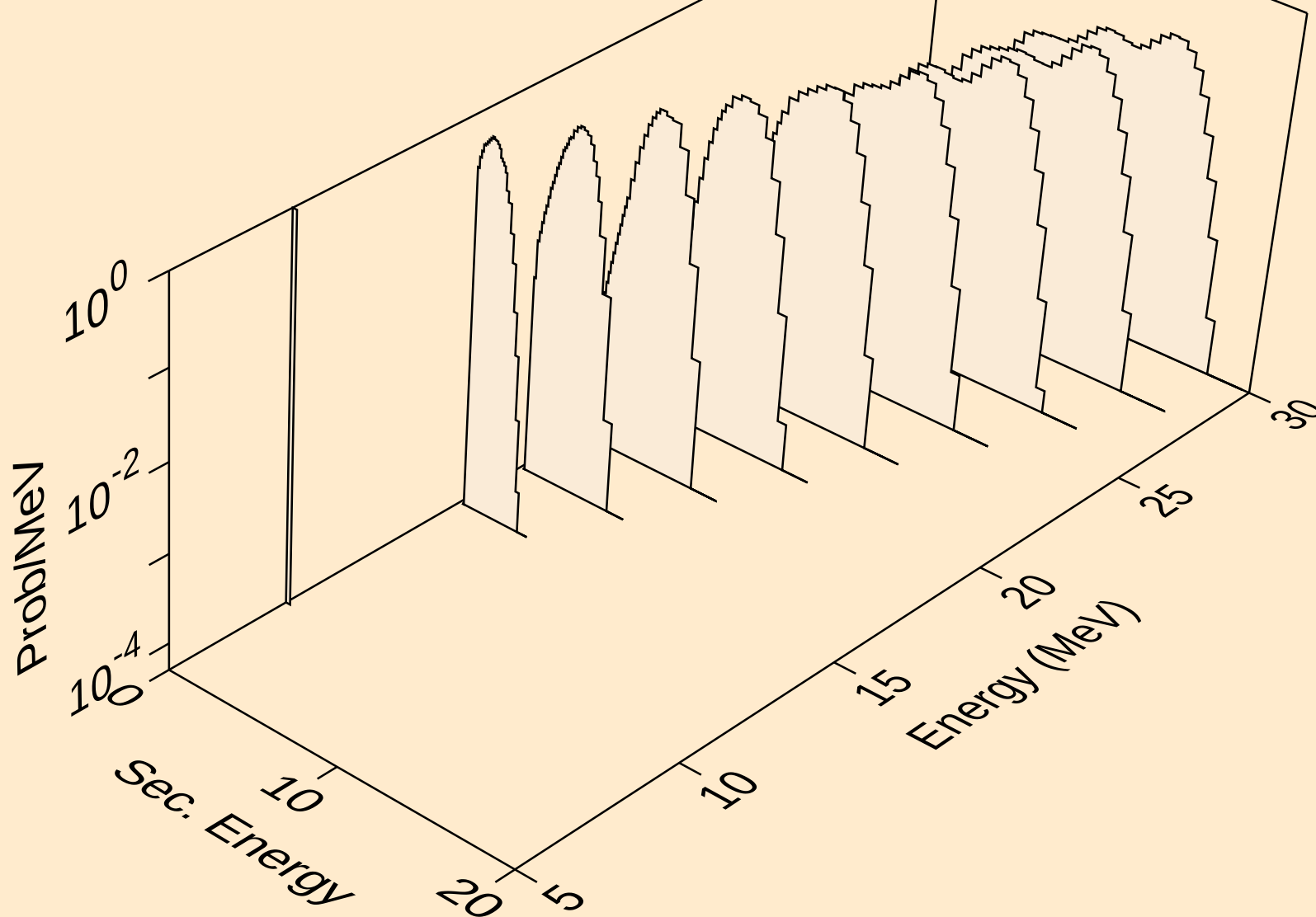
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protons from (d,pa)



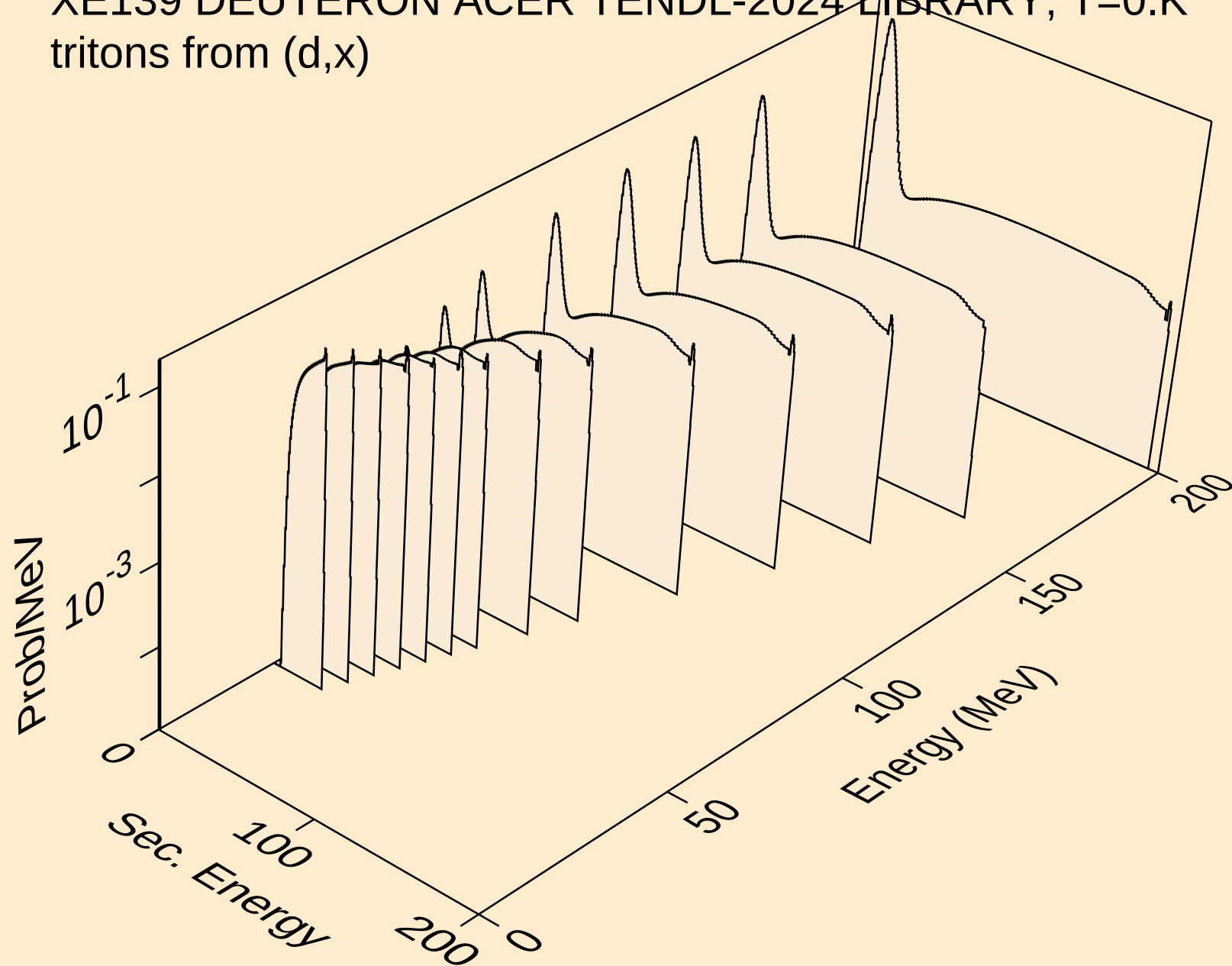
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protons from (d,pd)



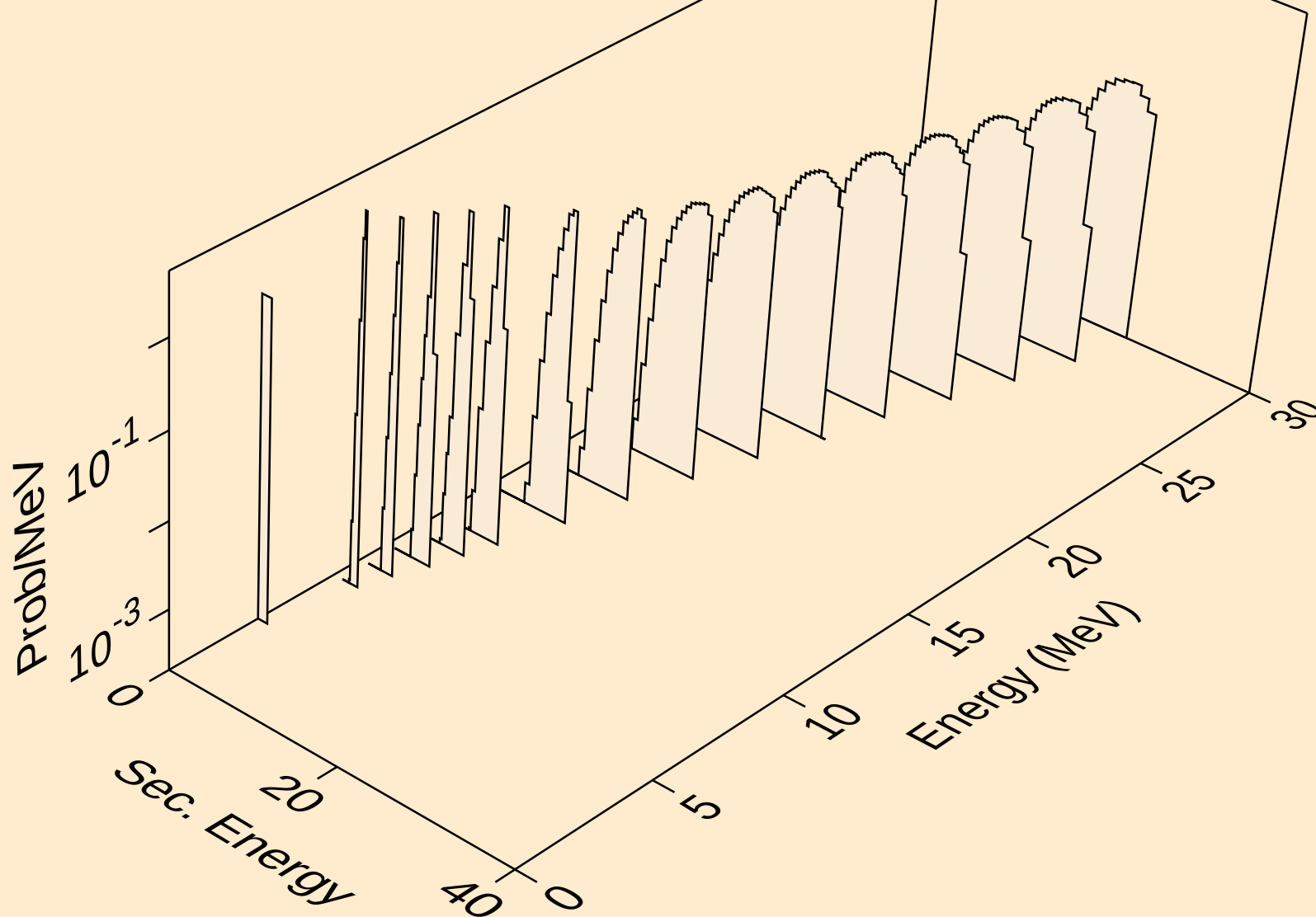
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protons from (d,pt)



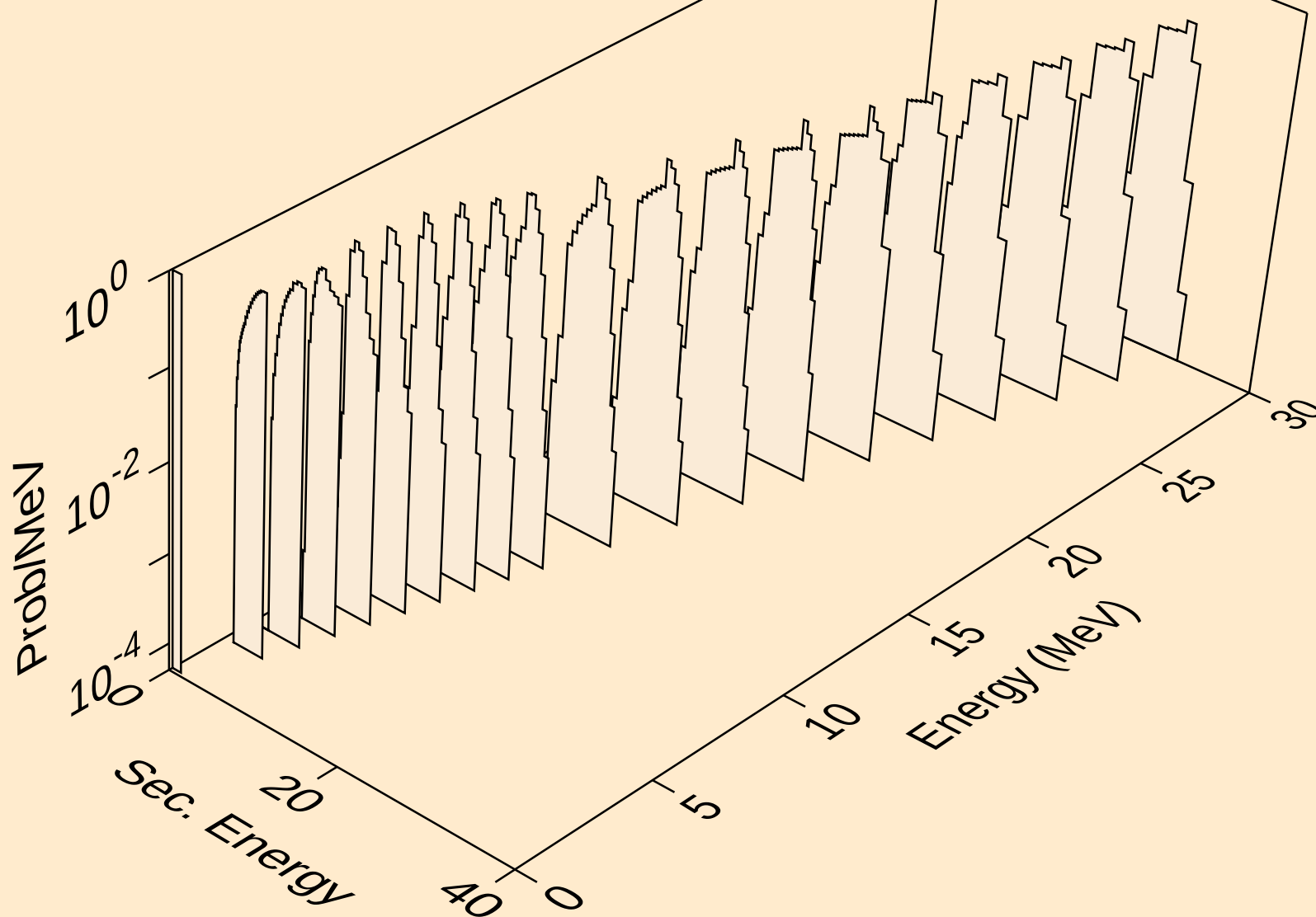
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tritons from (d,x)



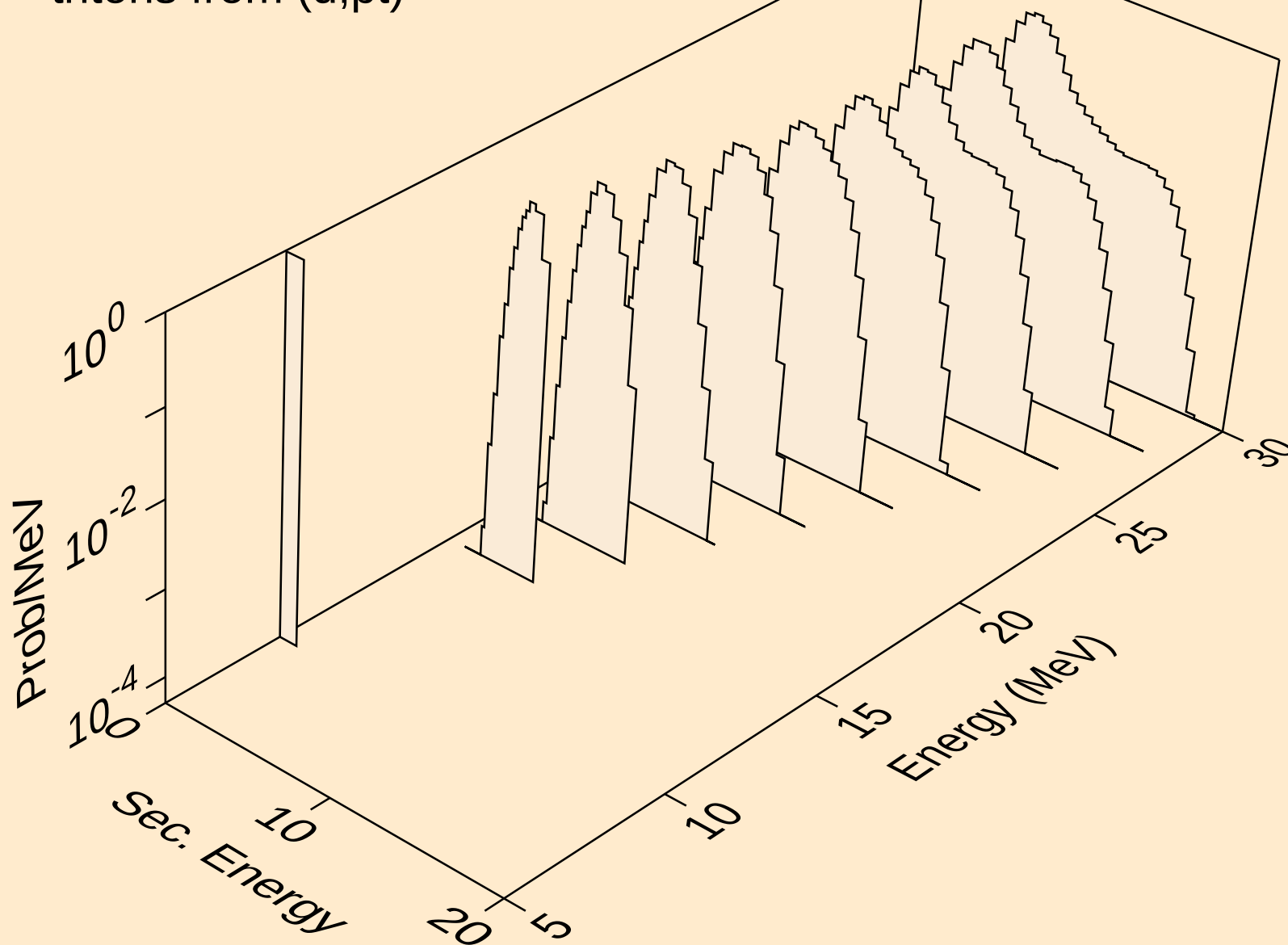
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tritons from (d,n*)t



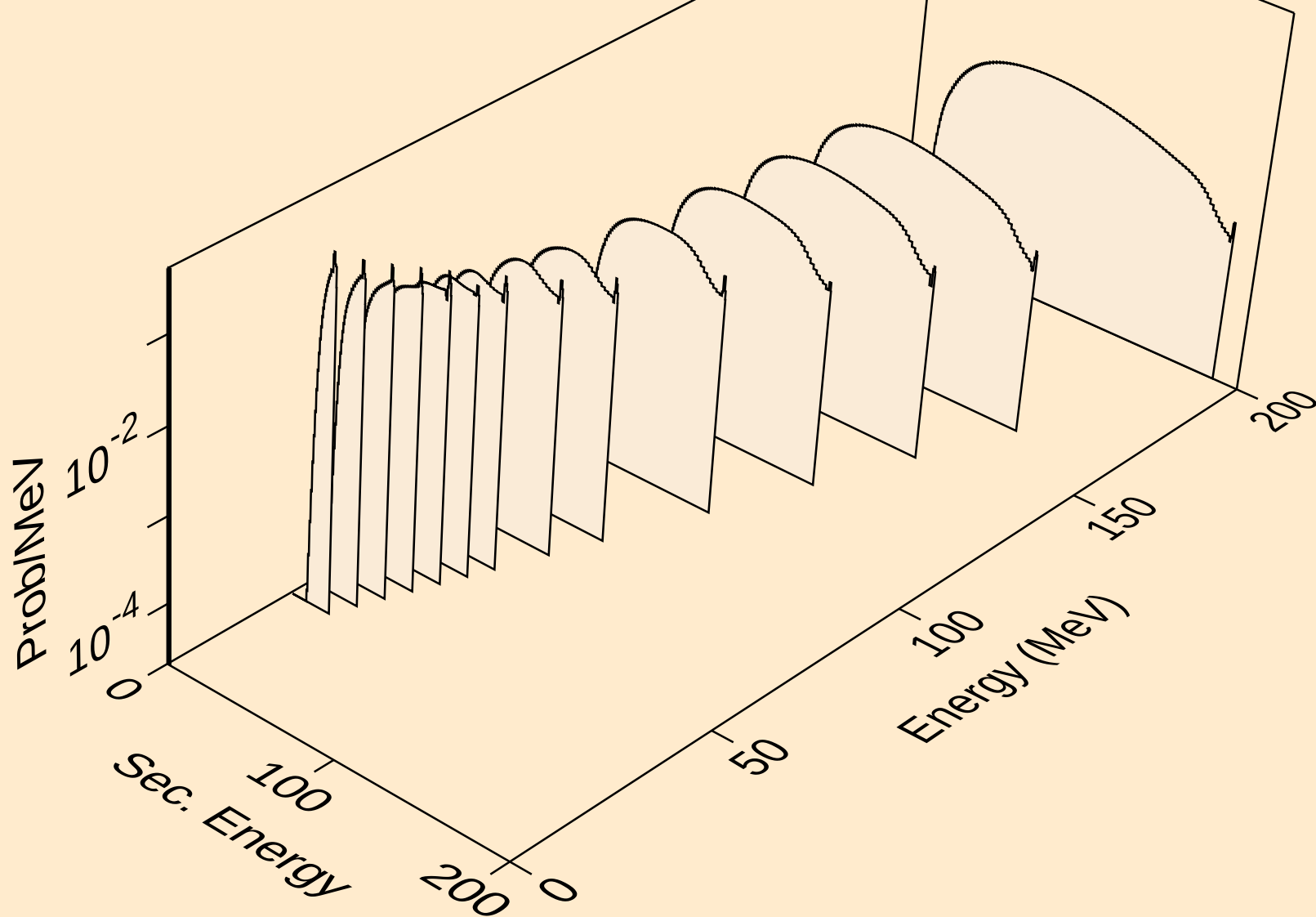
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tritons from (d,t)



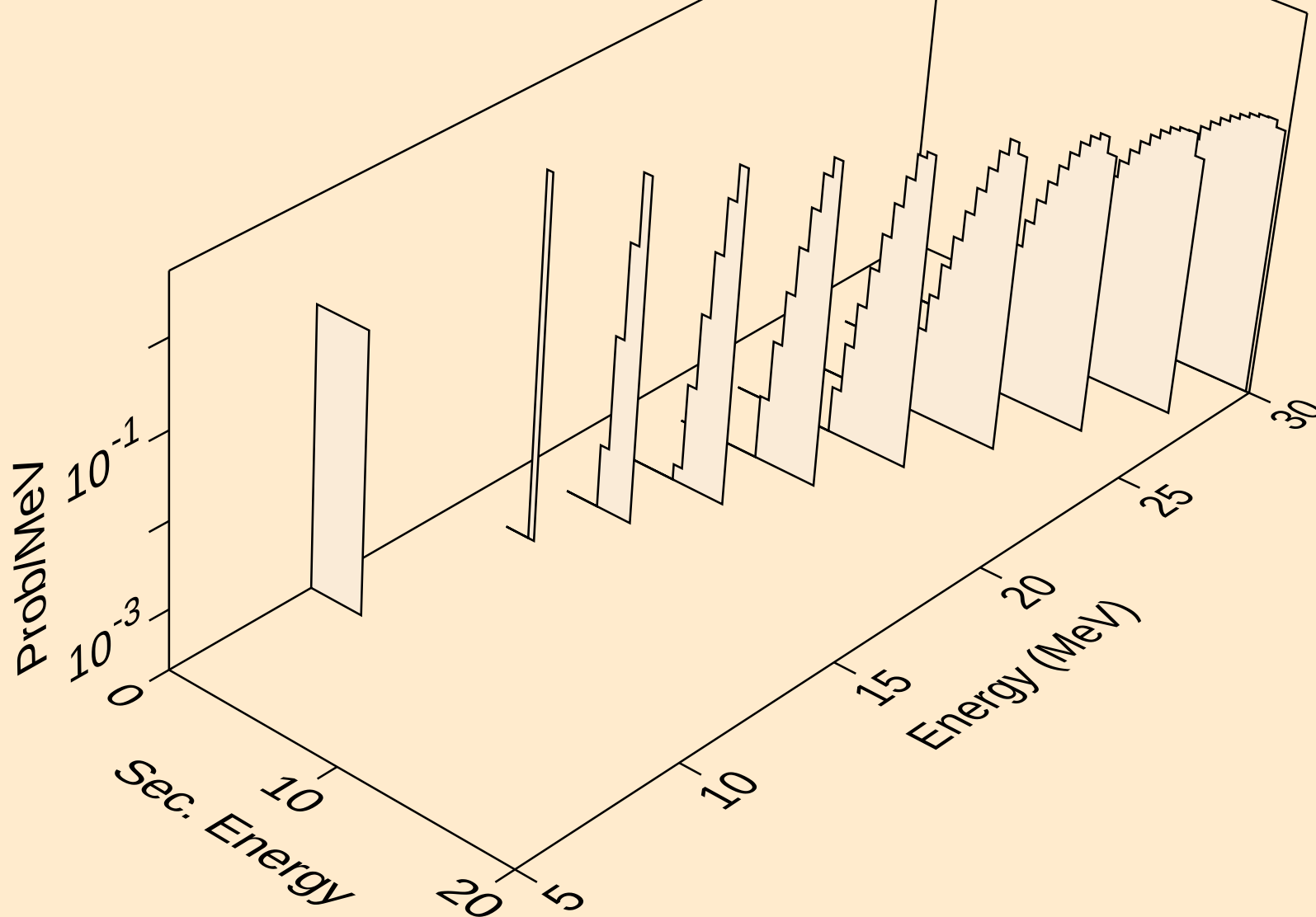
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tritons from (d,pt)



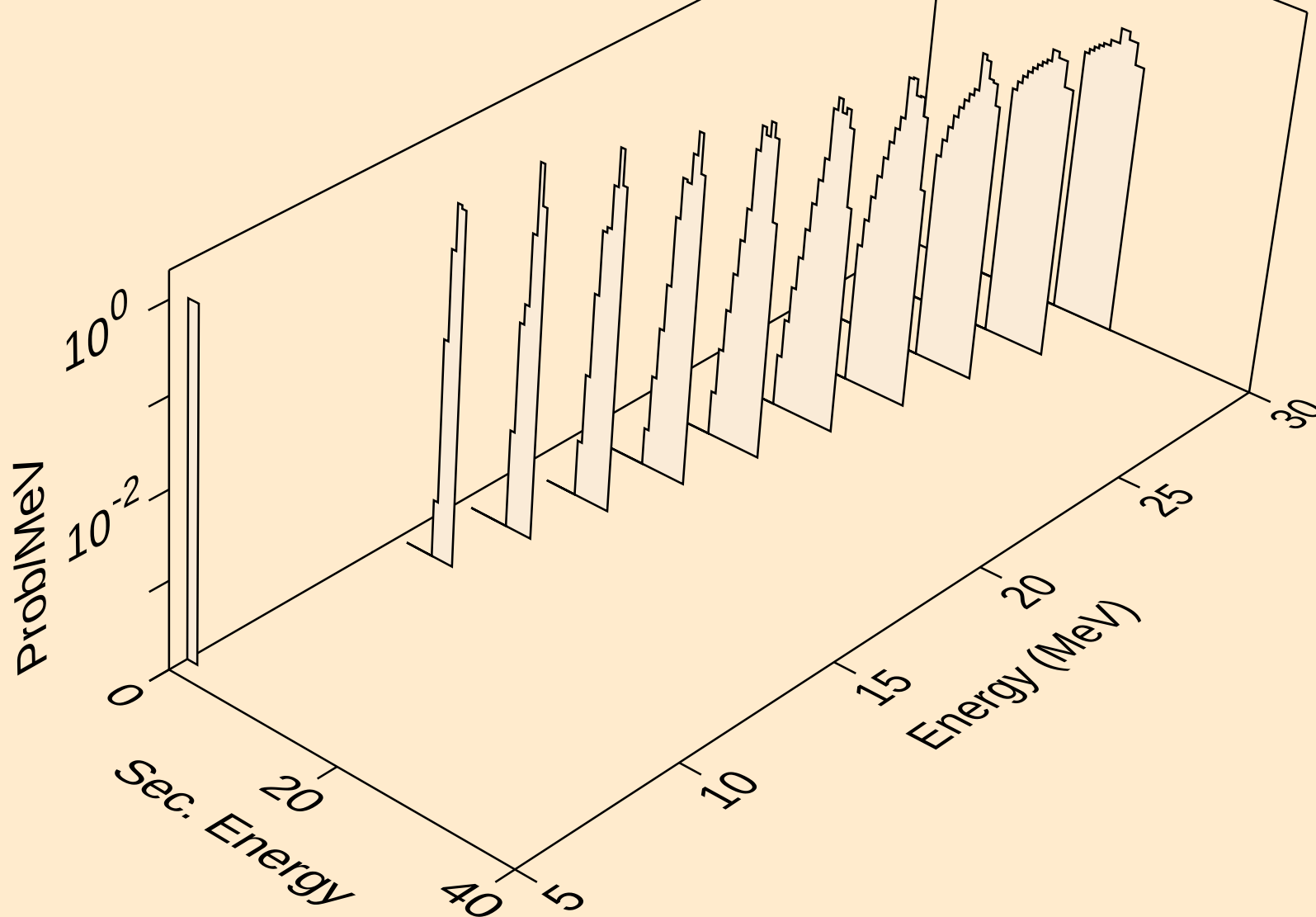
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he3s from (d,x)



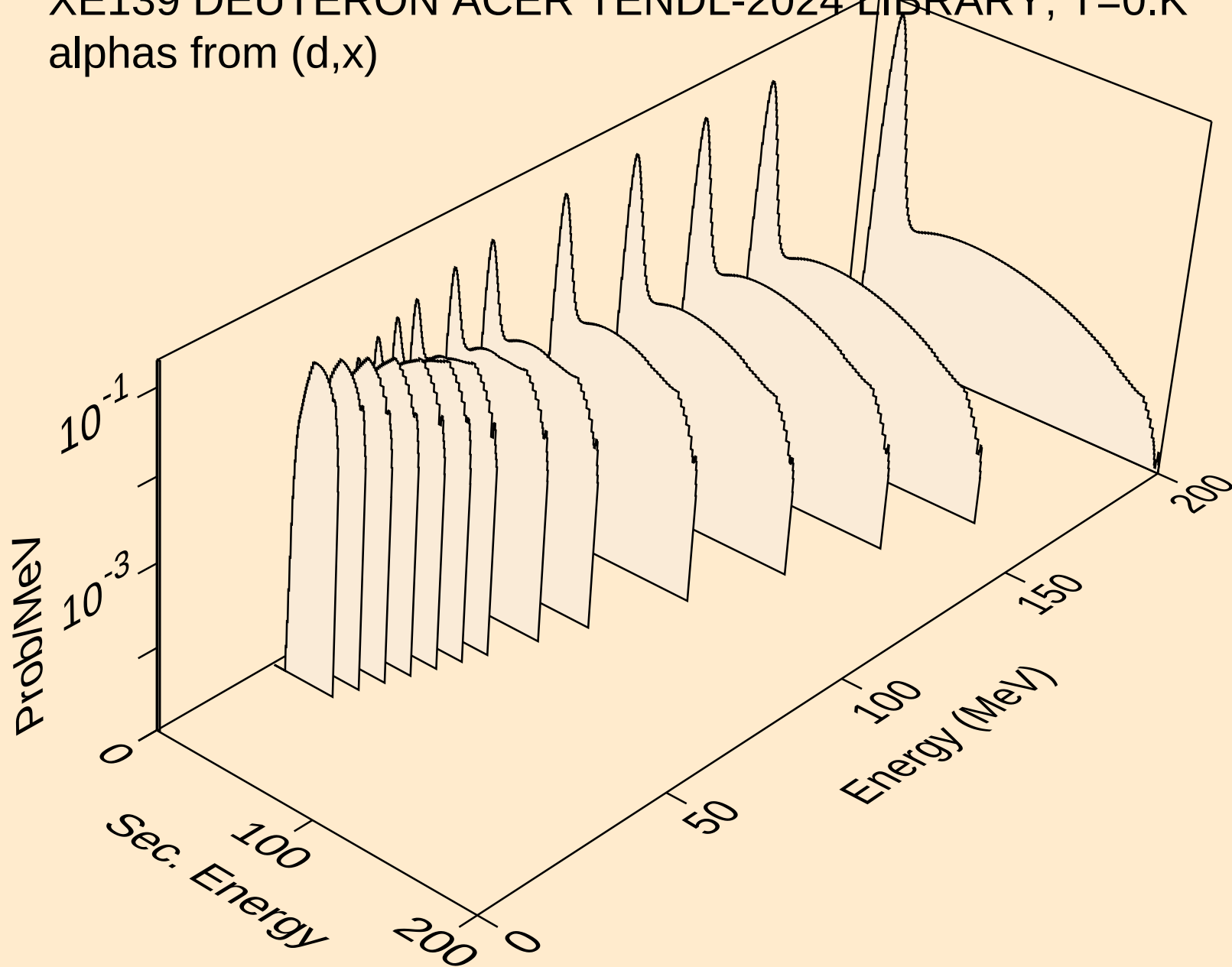
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he3s from (d,n*)he3



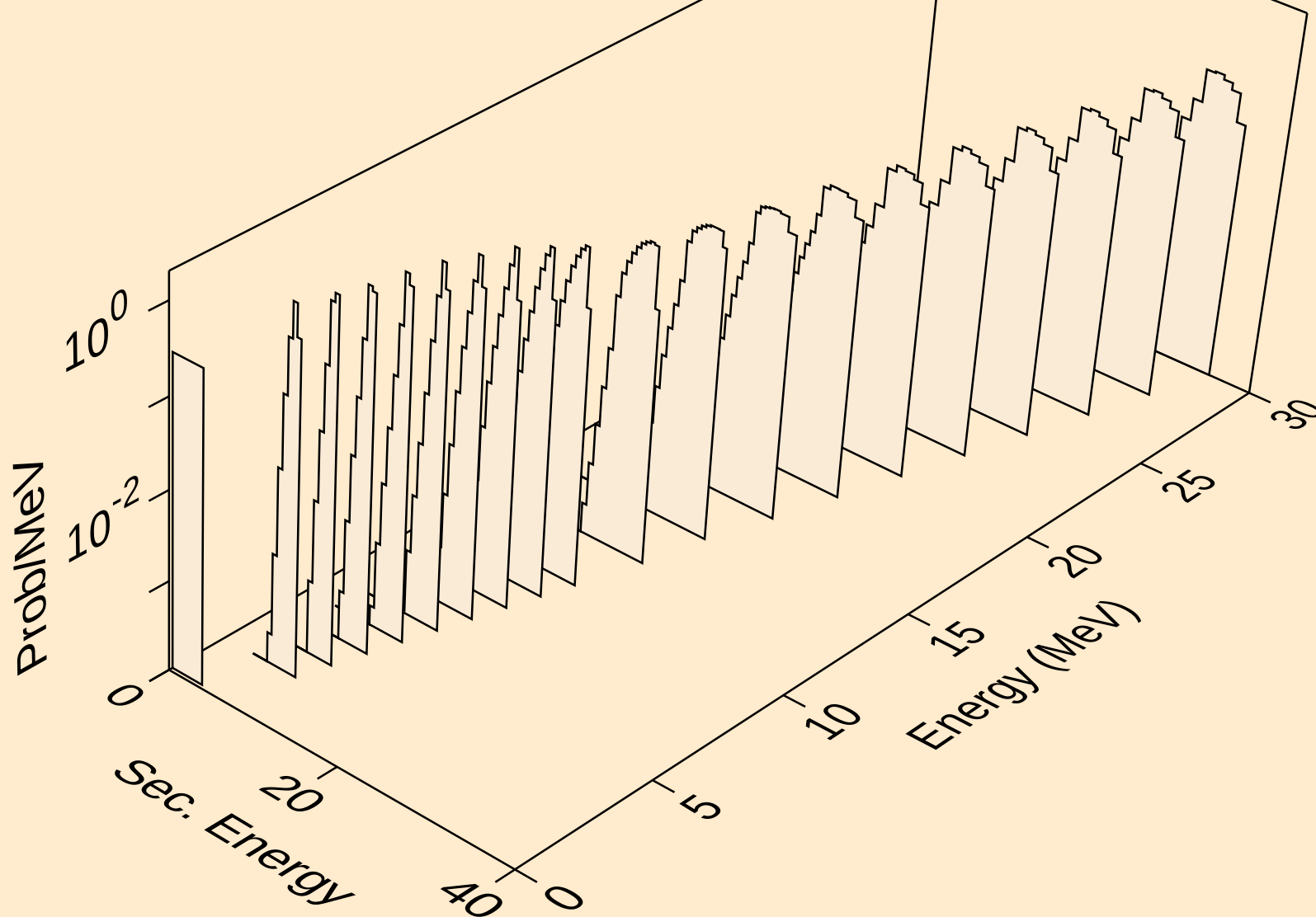
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he3s from (d,he3)



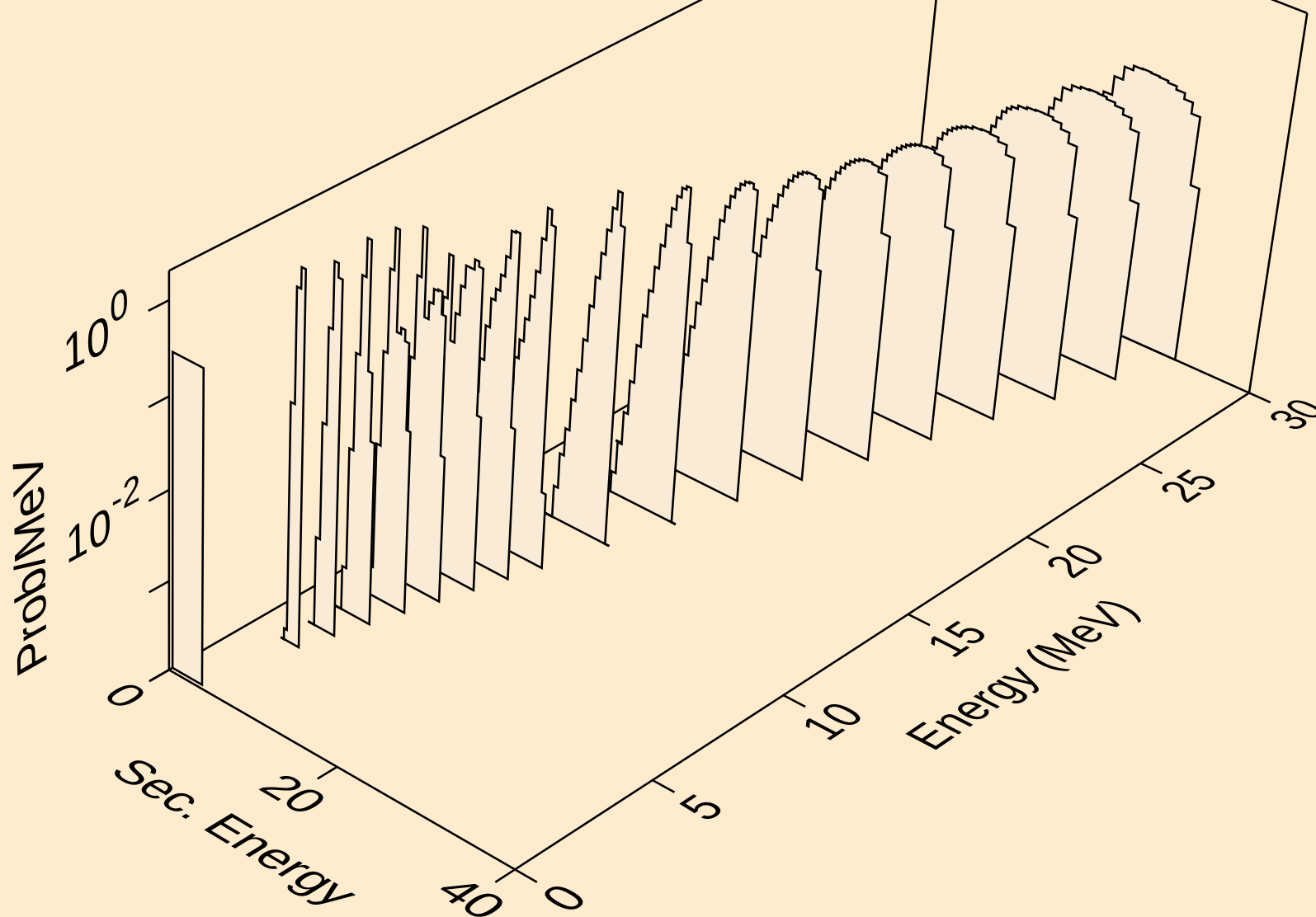
XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (d,x)



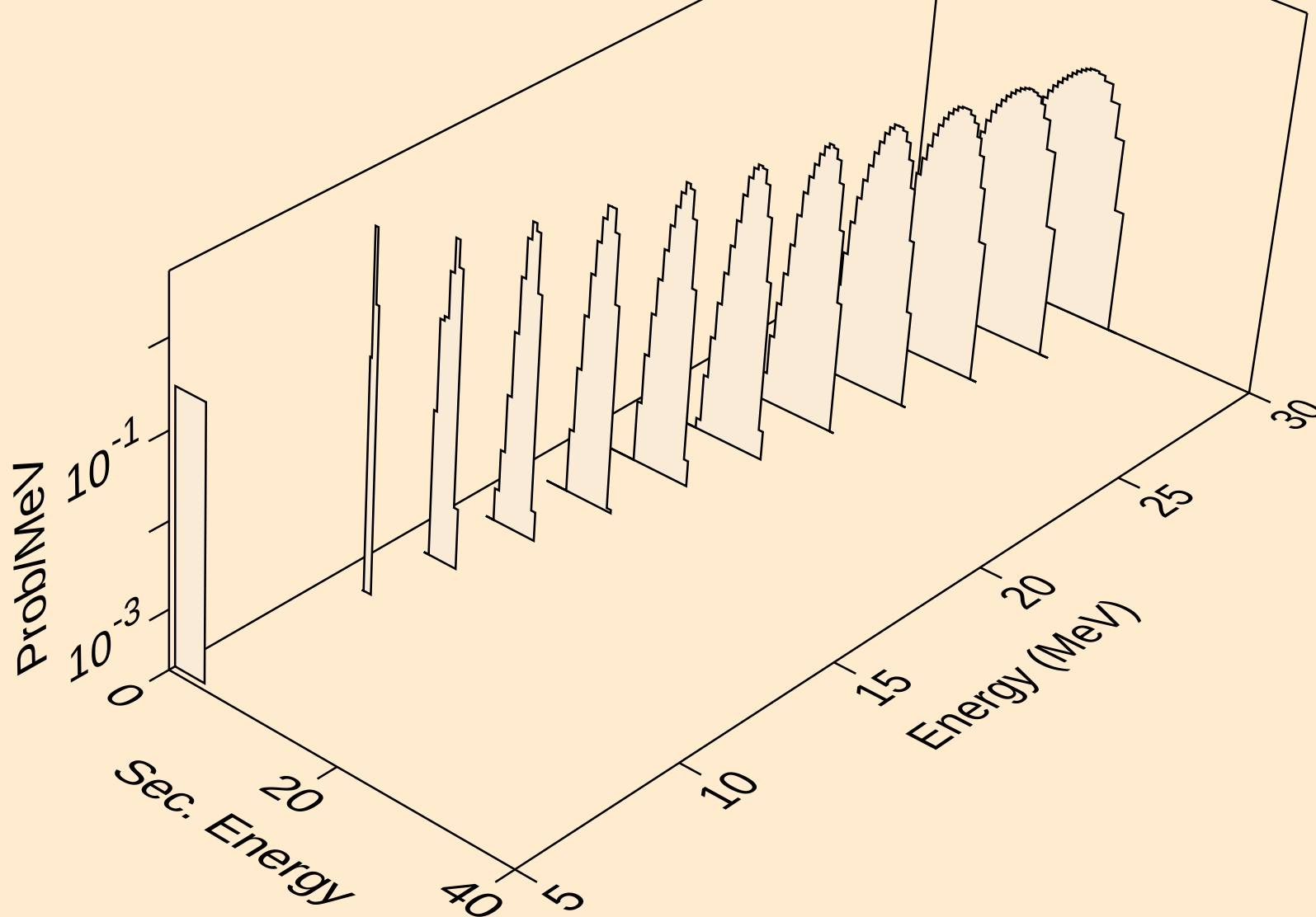
XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (d,n*)a



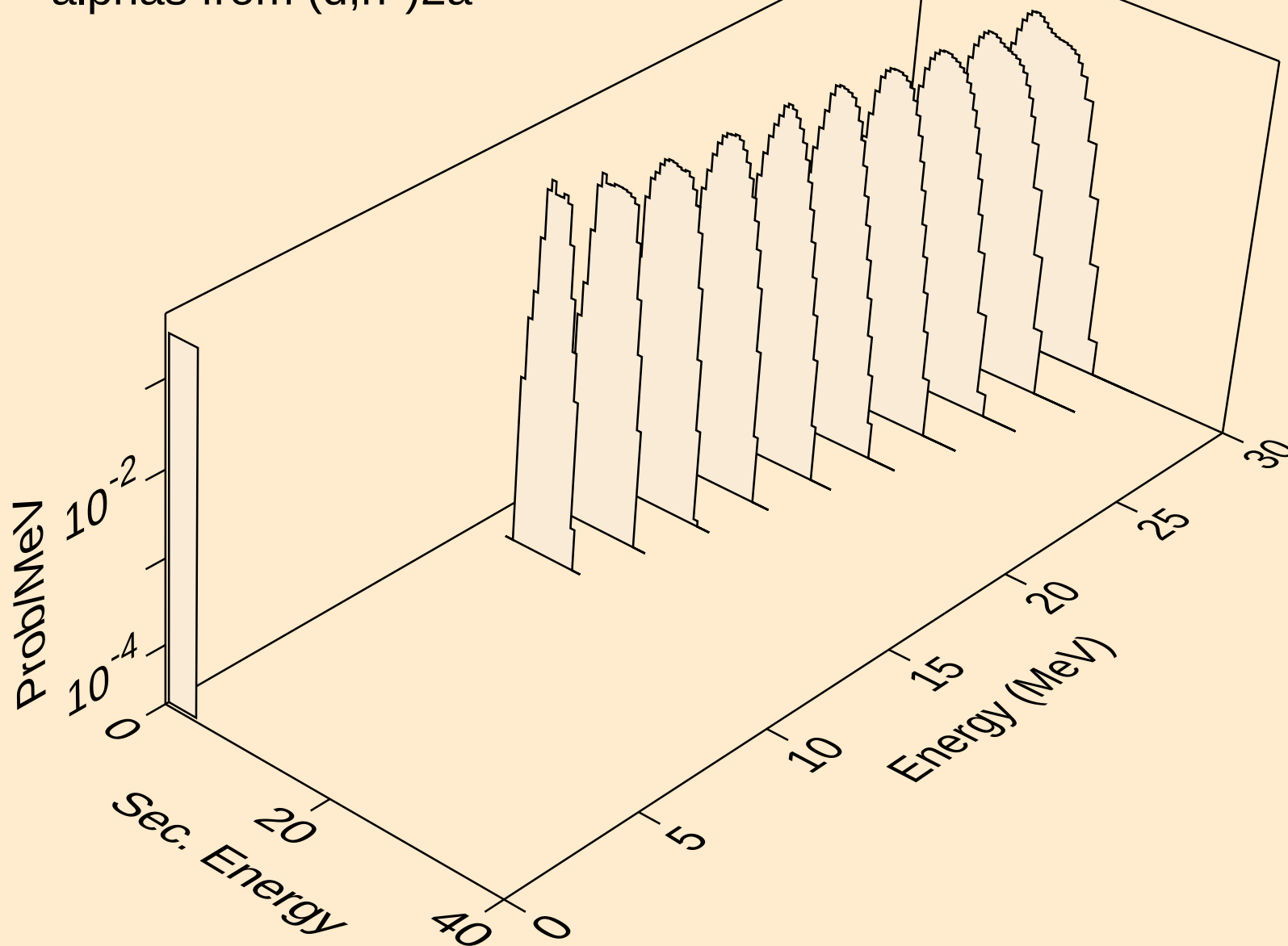
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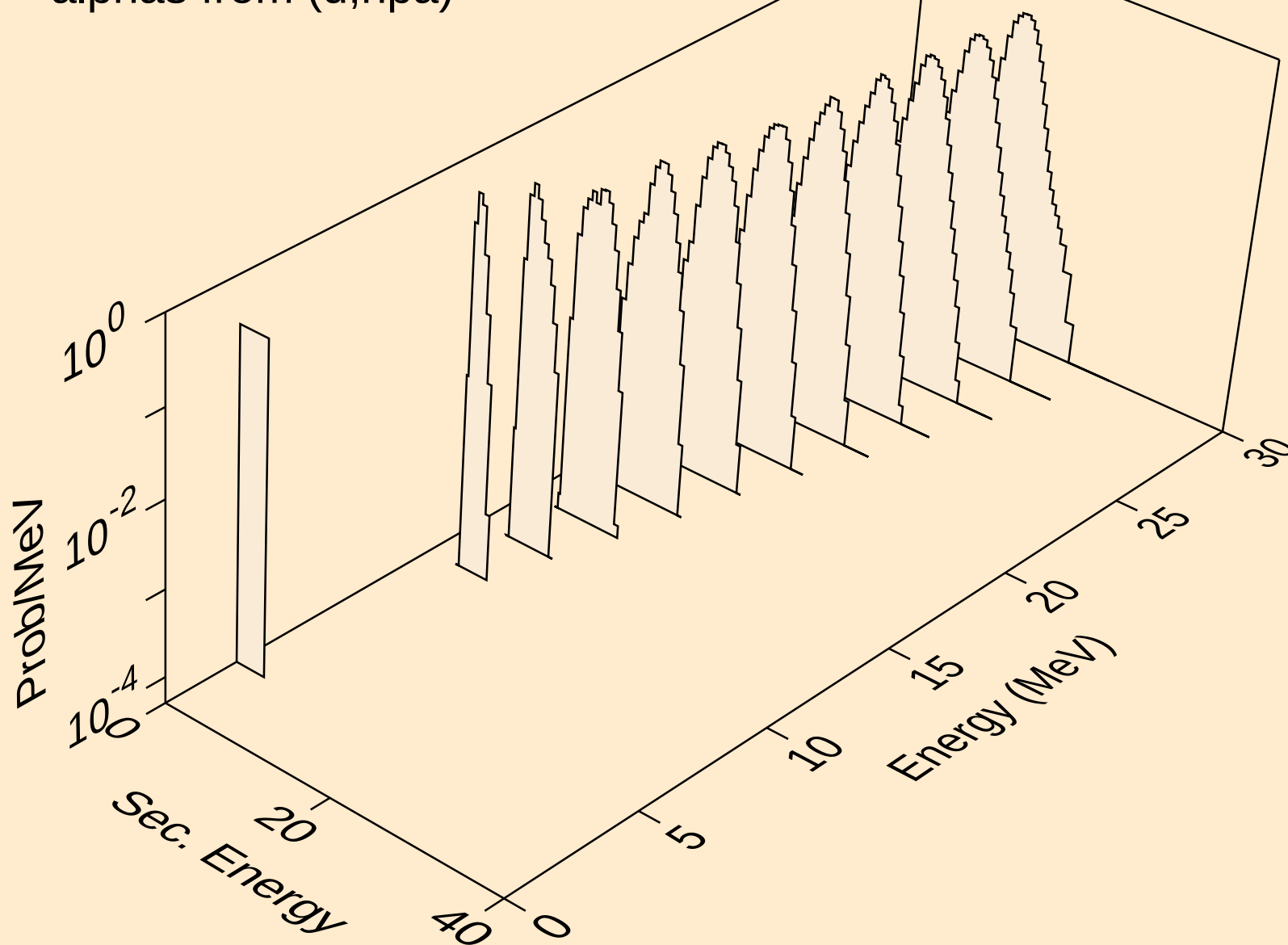
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alphas from (d,3n)a



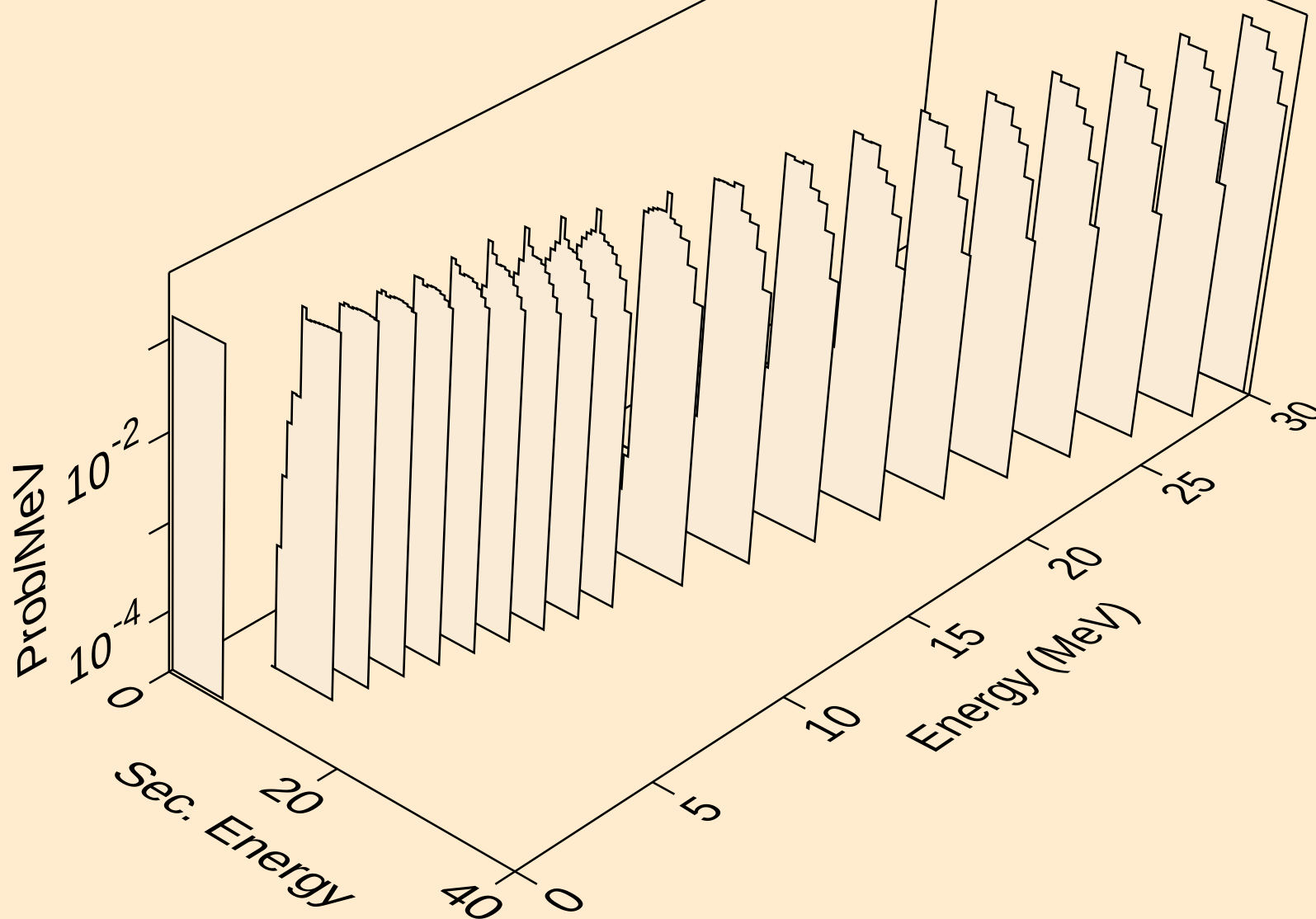
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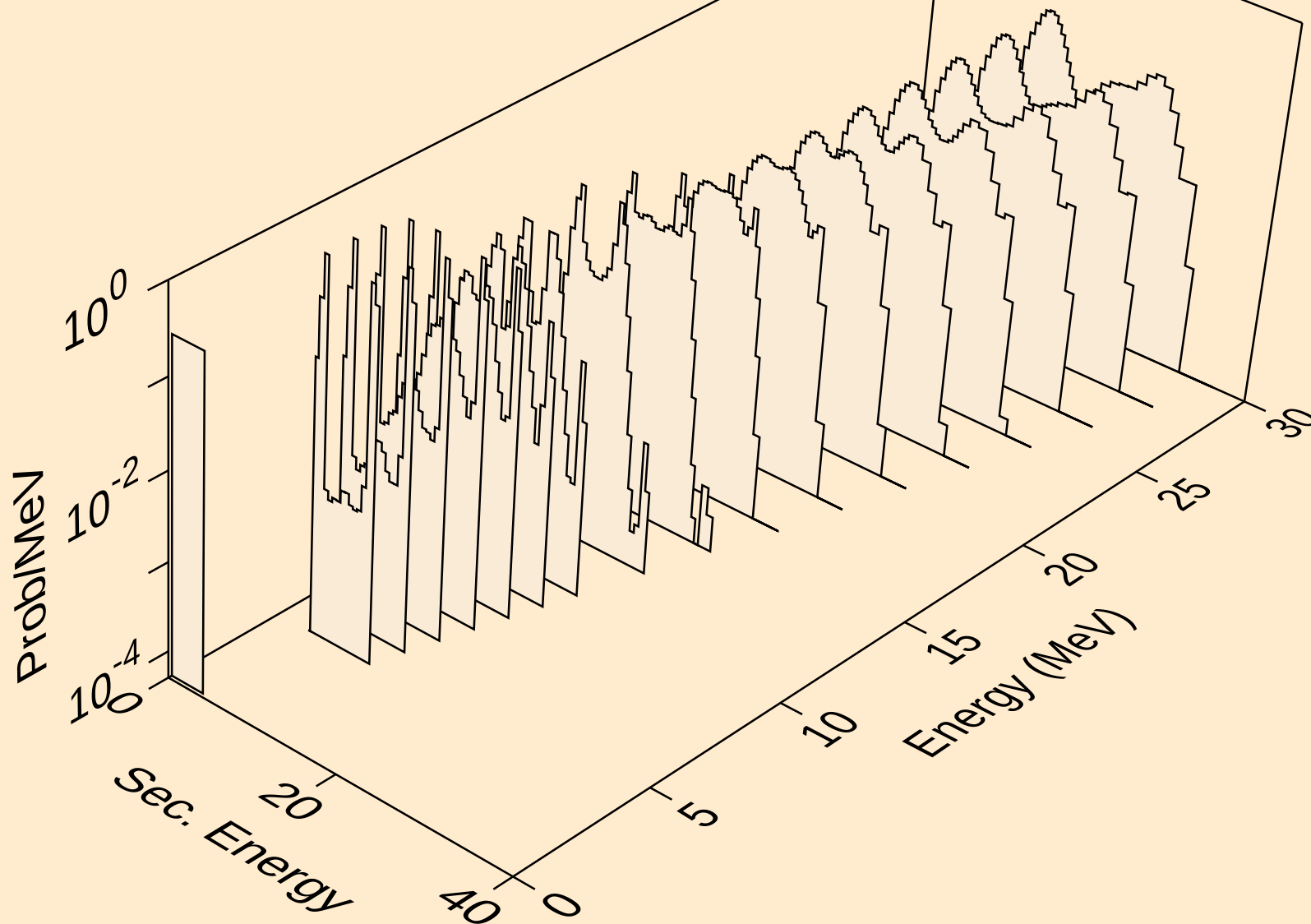
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alphas from (d,npa)



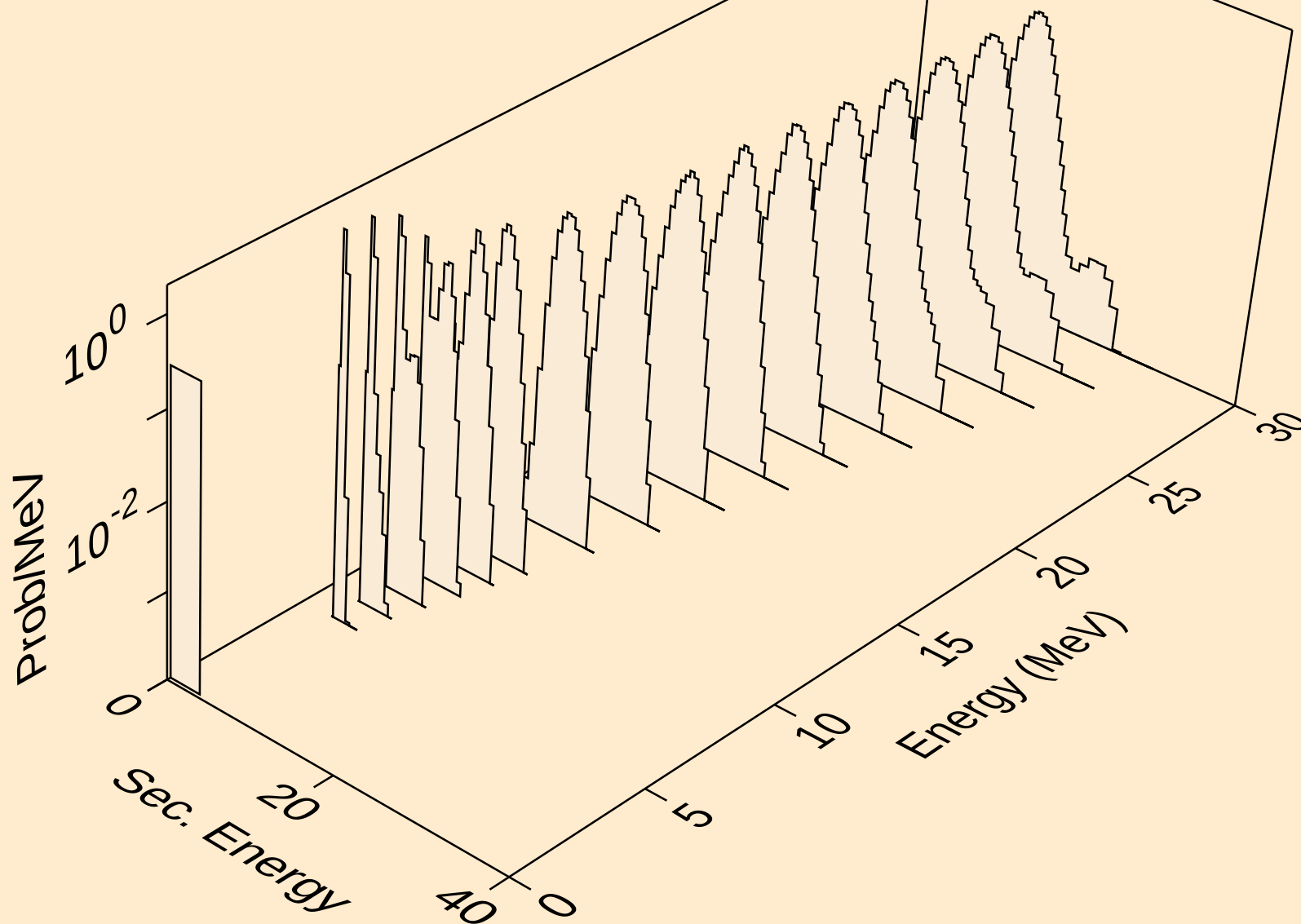
XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (d,a)



XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (d,2a)



XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (d,pa)



XE139 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (d,da)

