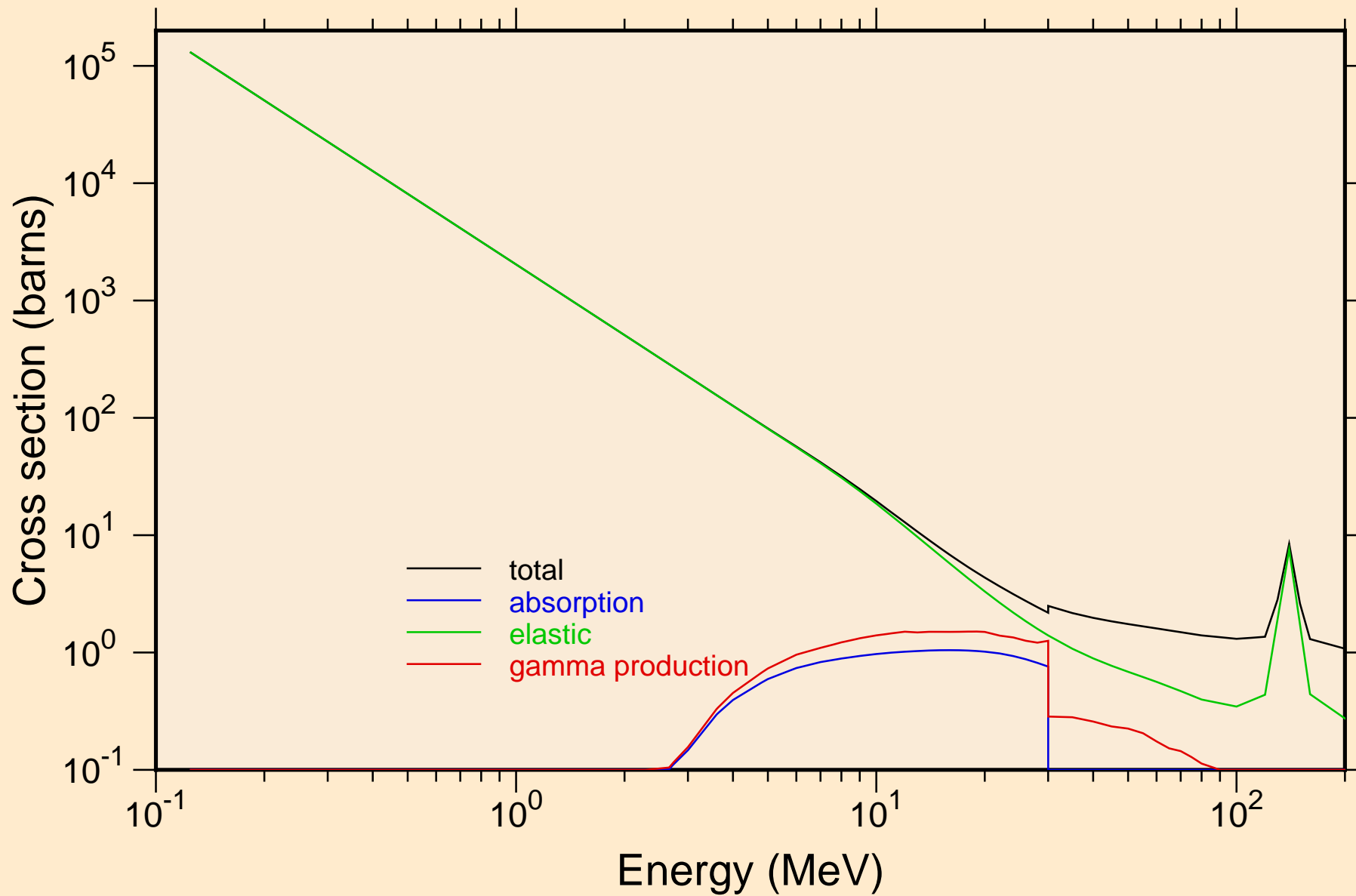
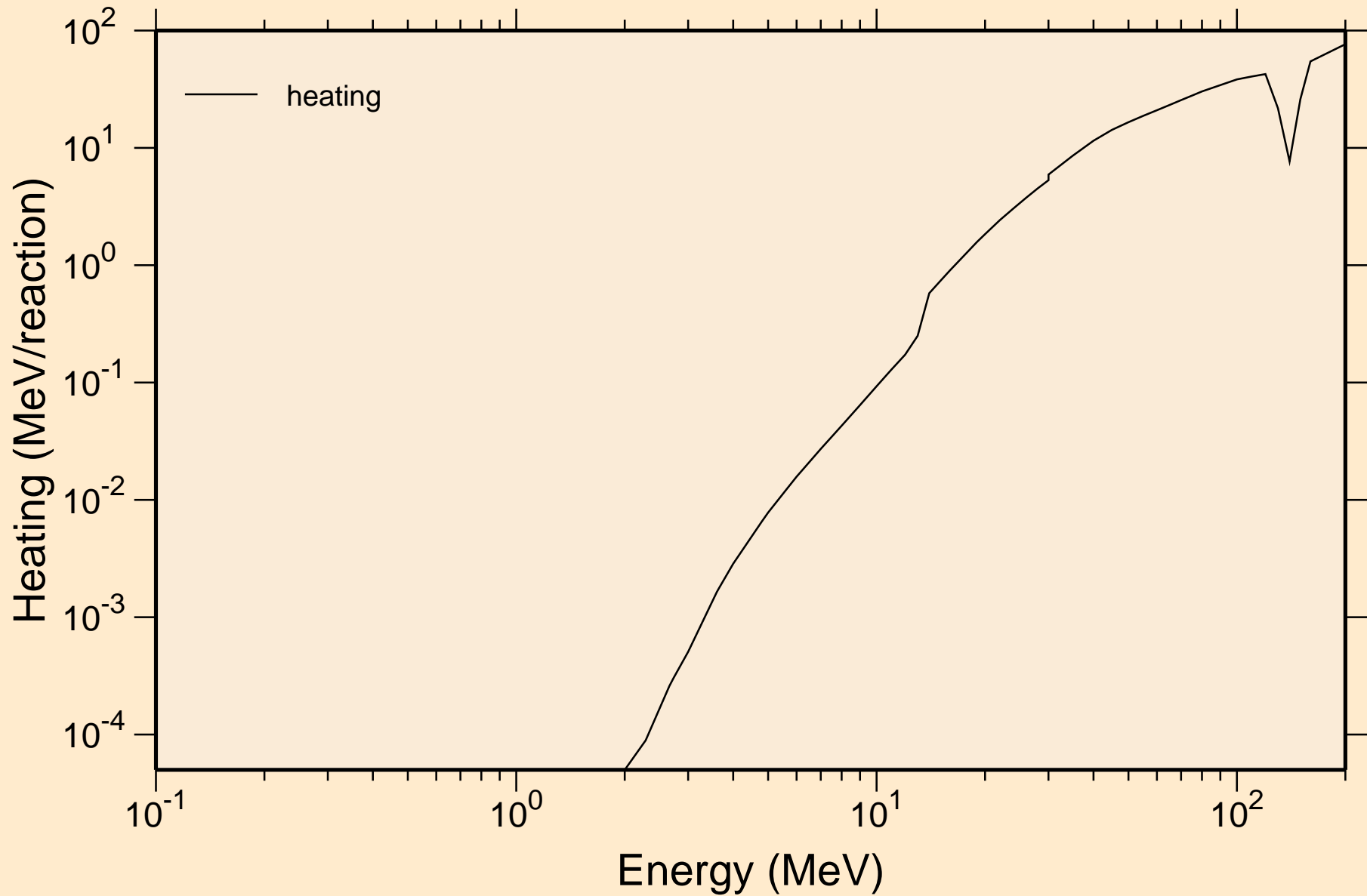


O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



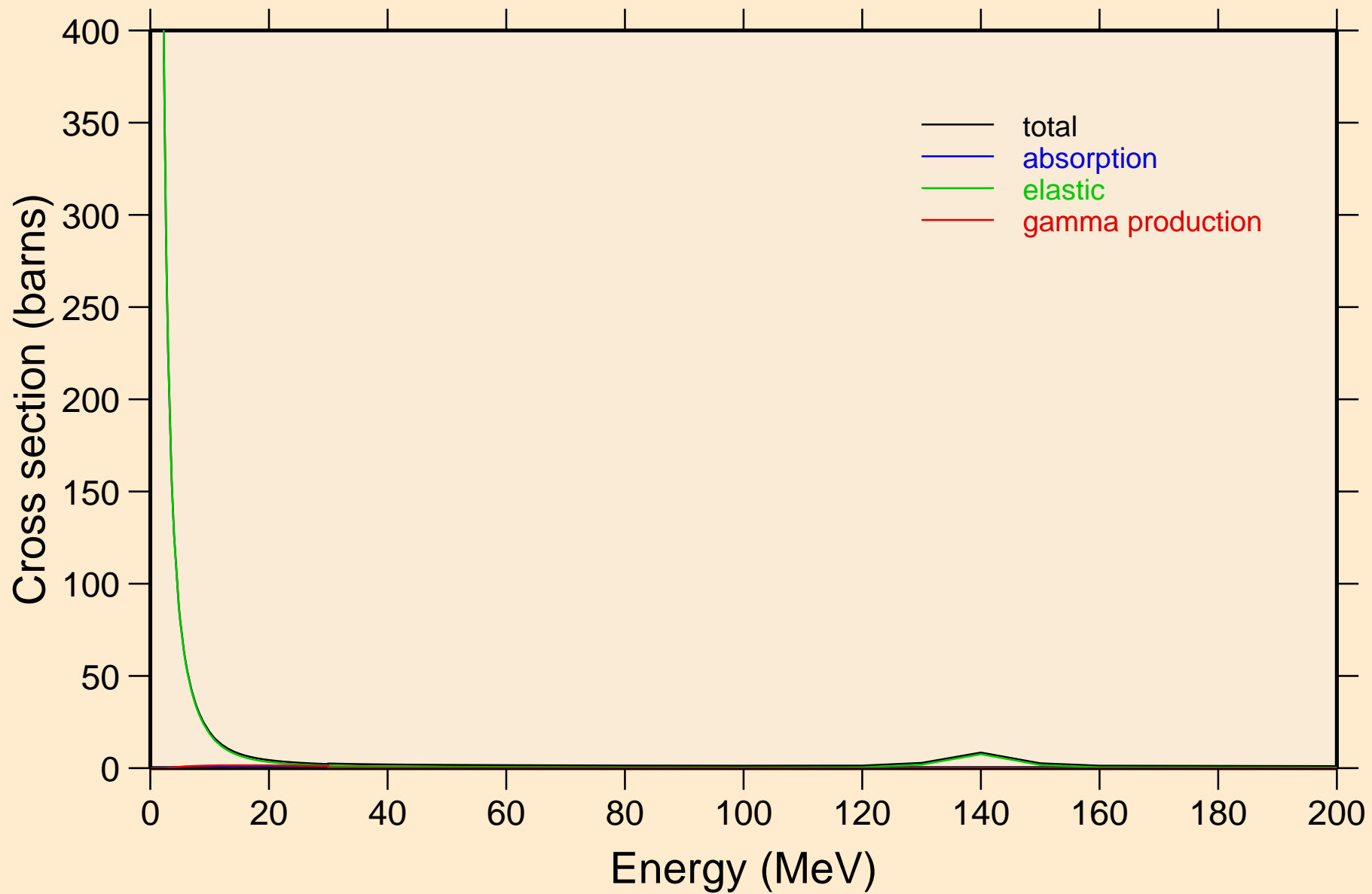
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Heating



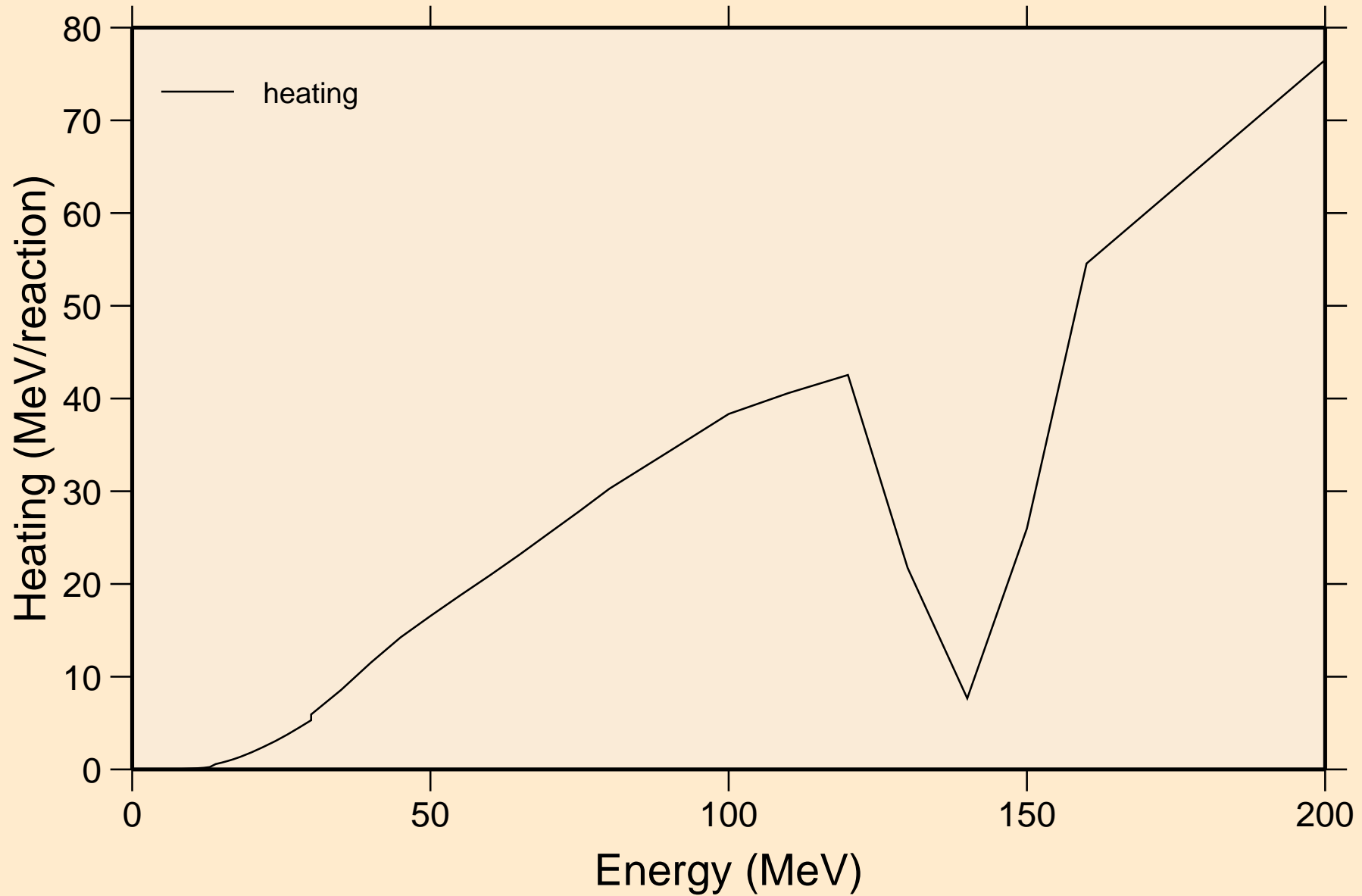
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Principal cross sections



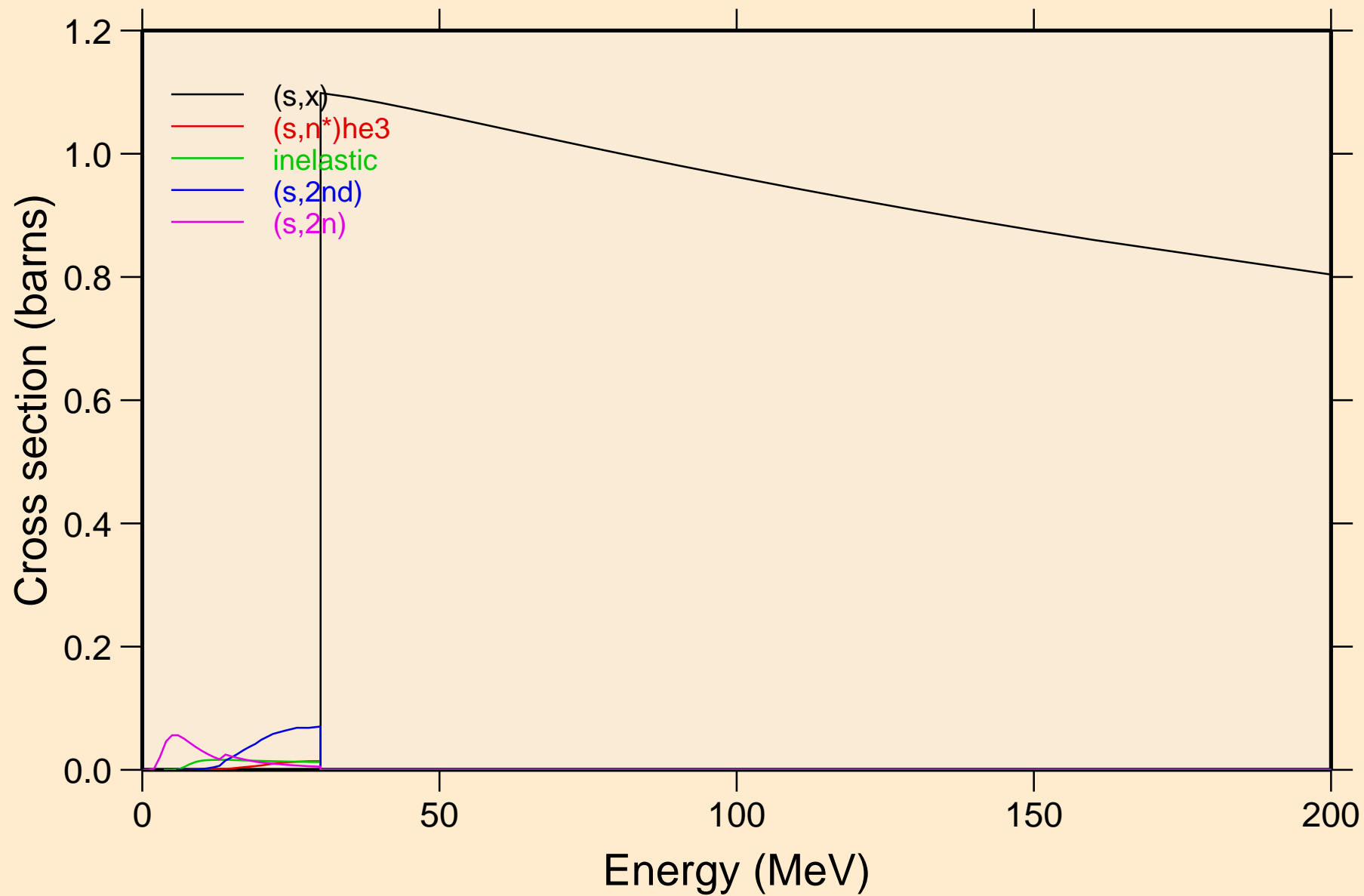
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Heating

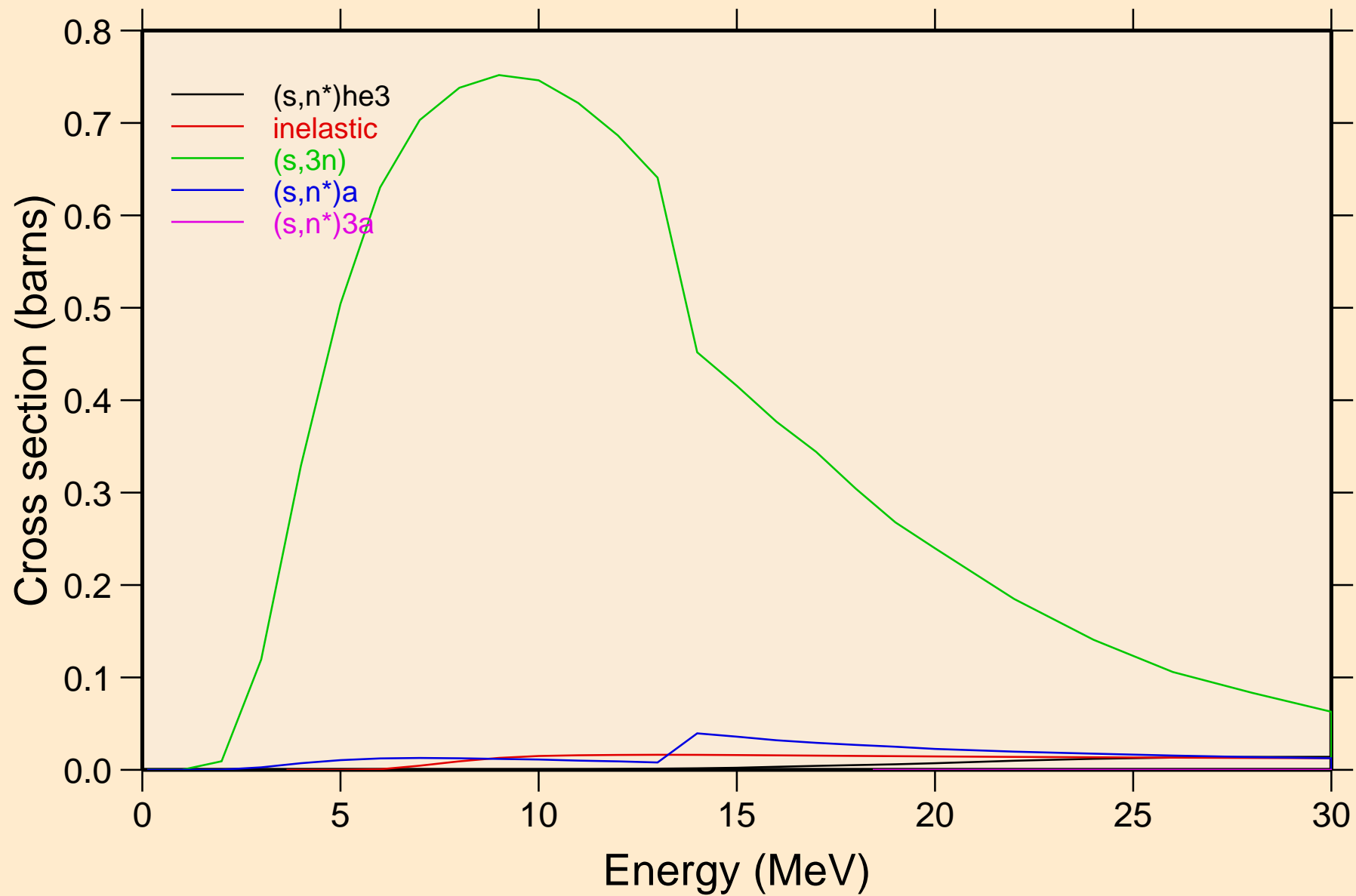


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Threshold reactions

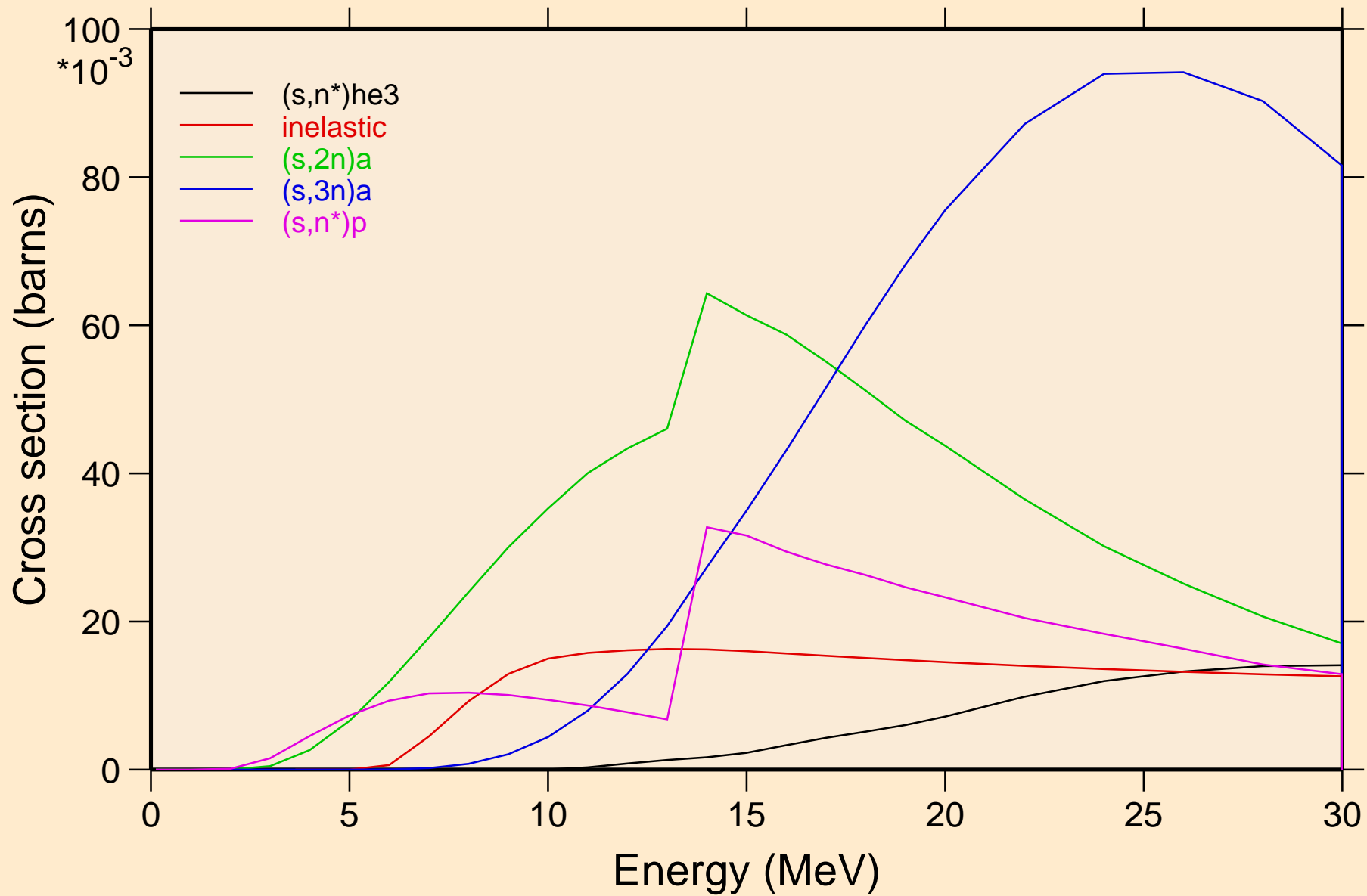


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Threshold reactions

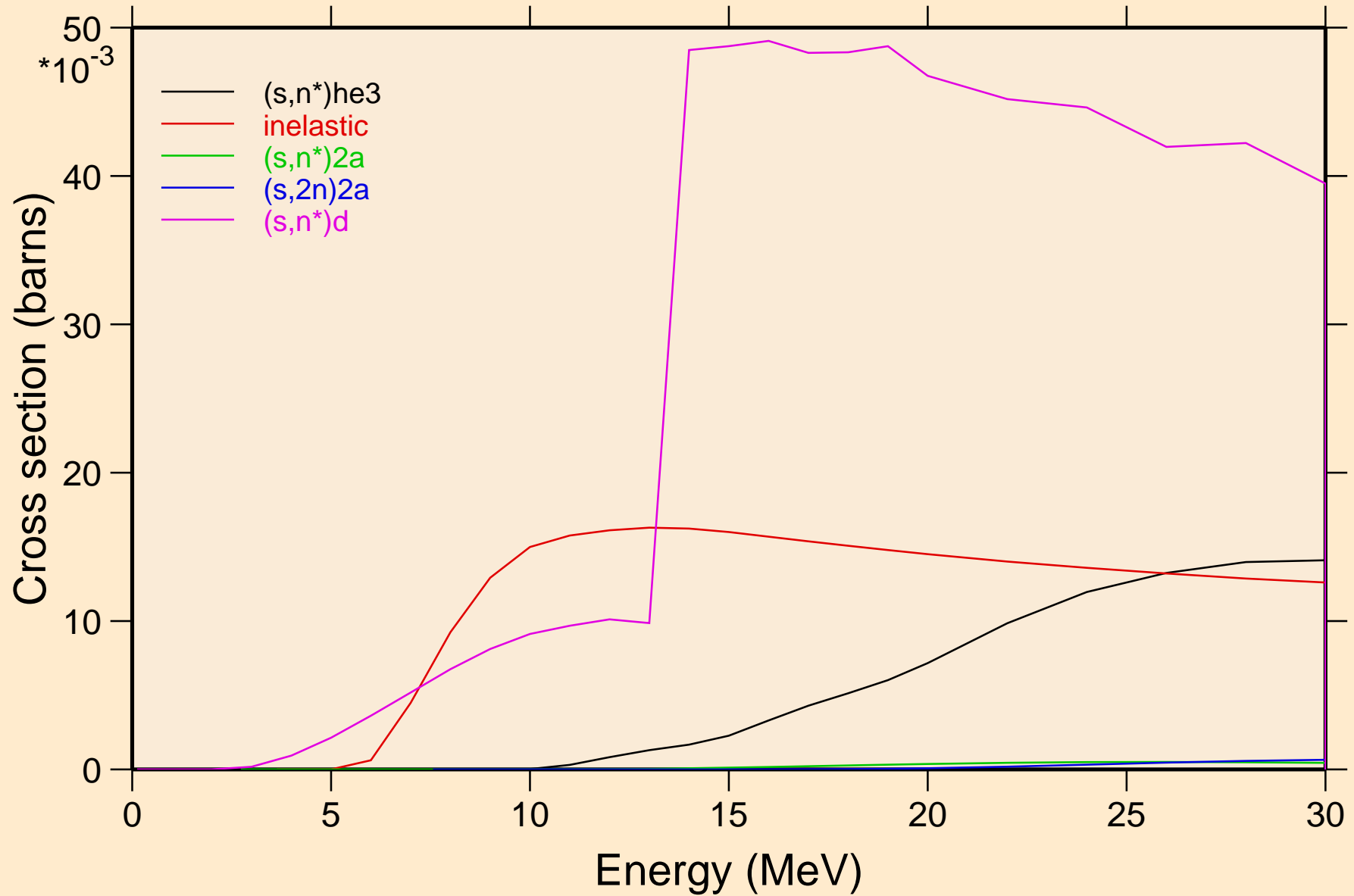


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Threshold reactions

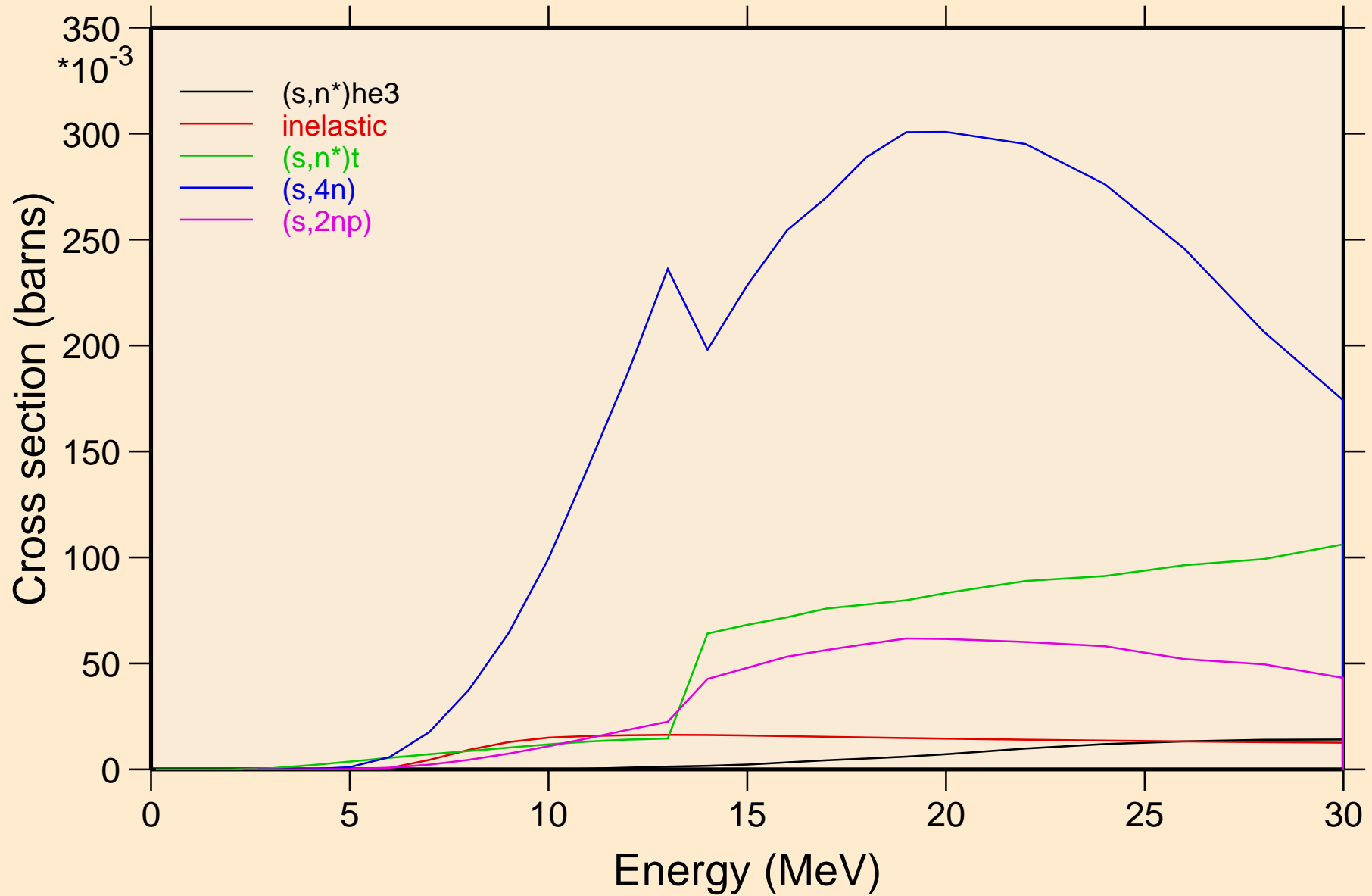


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Threshold reactions

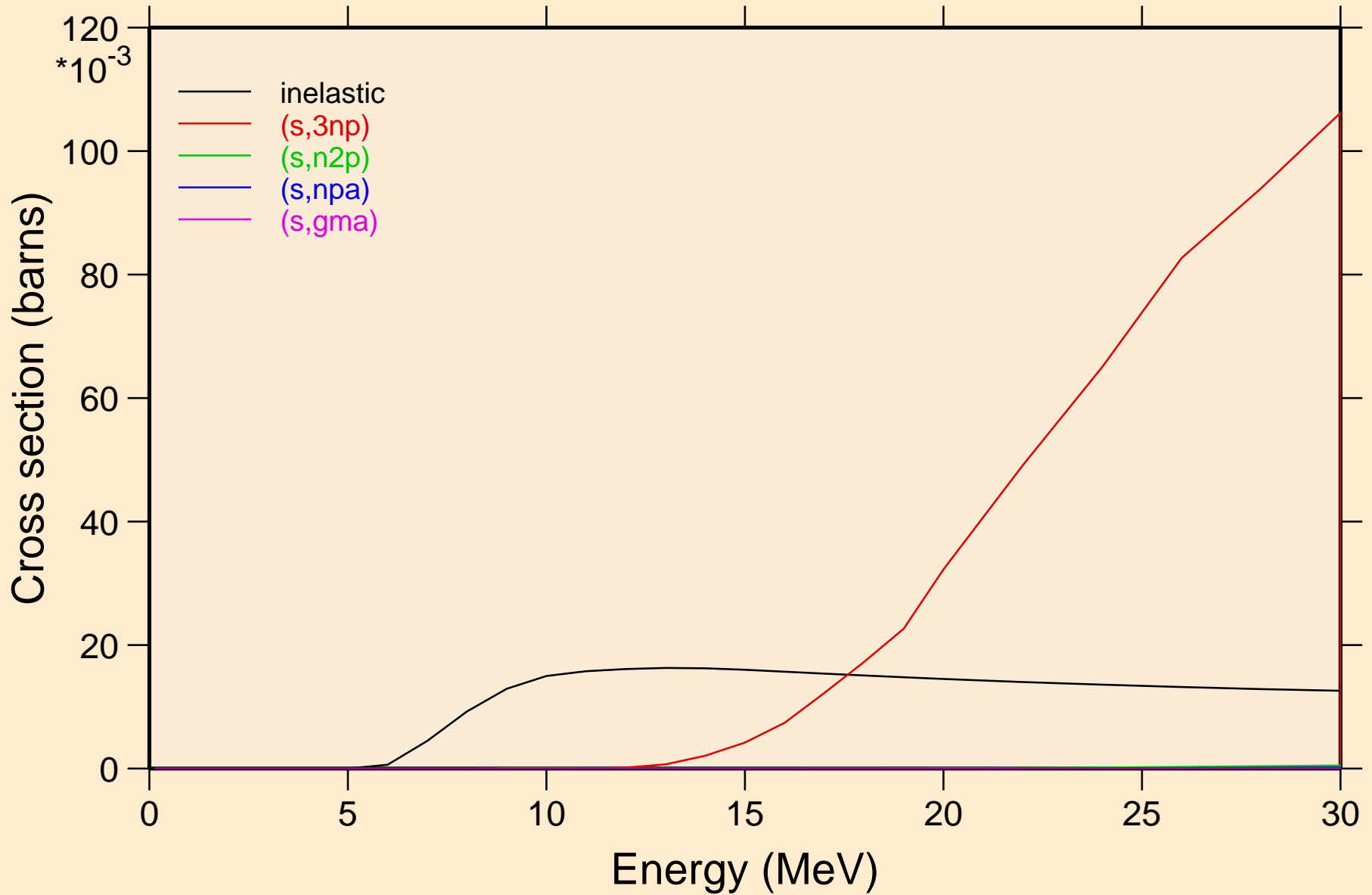


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Threshold reactions

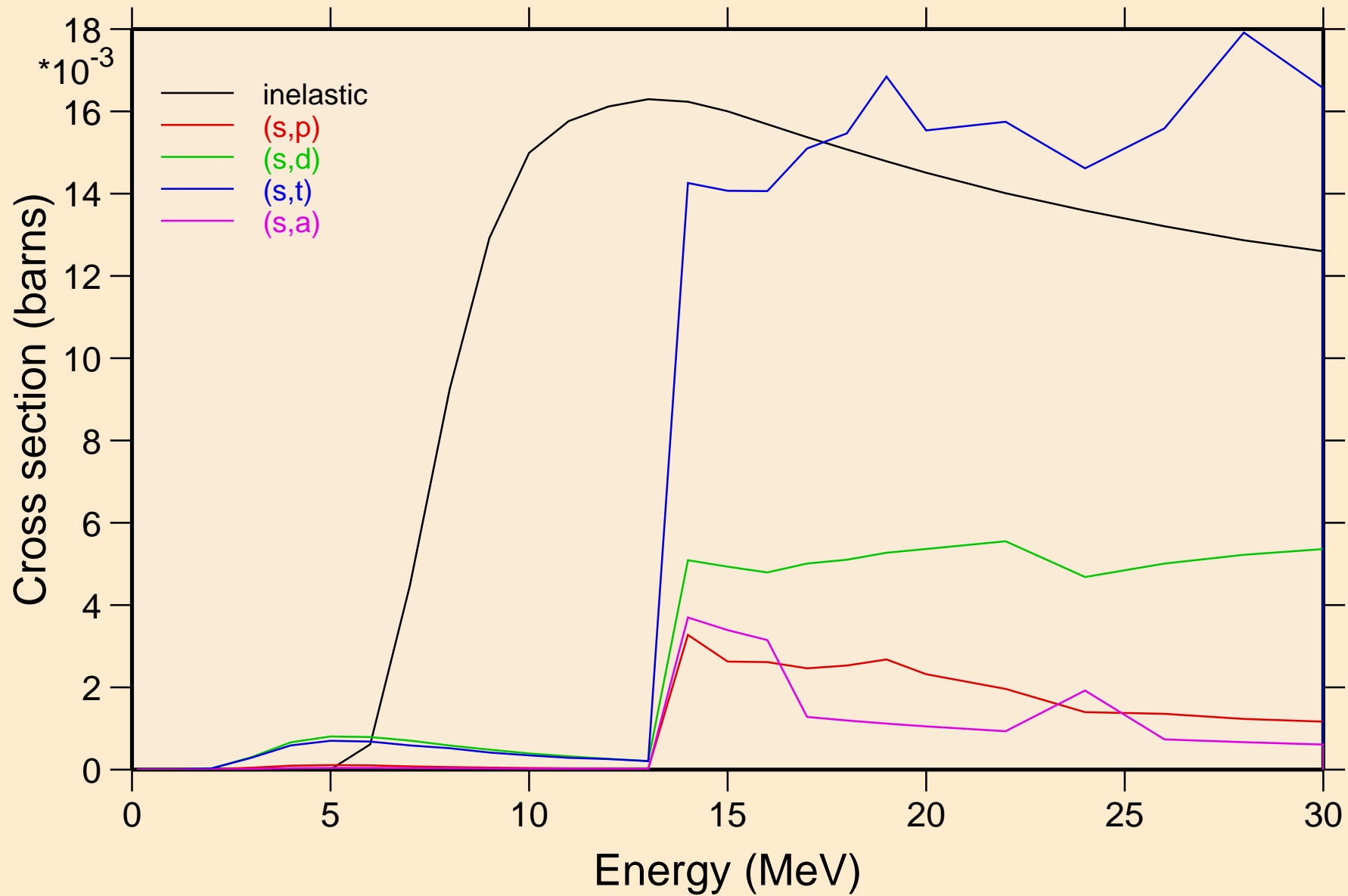


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Threshold reactions

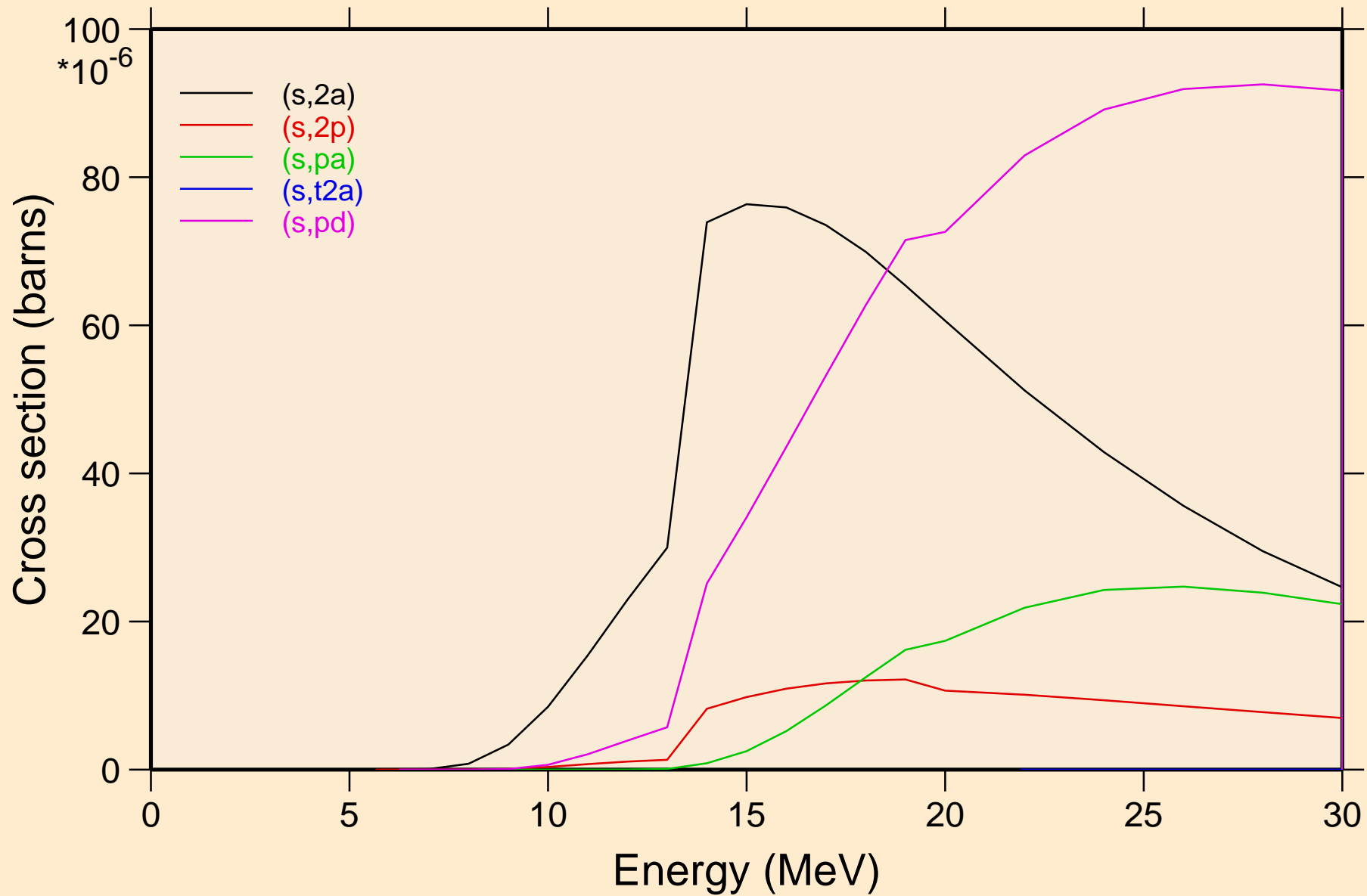


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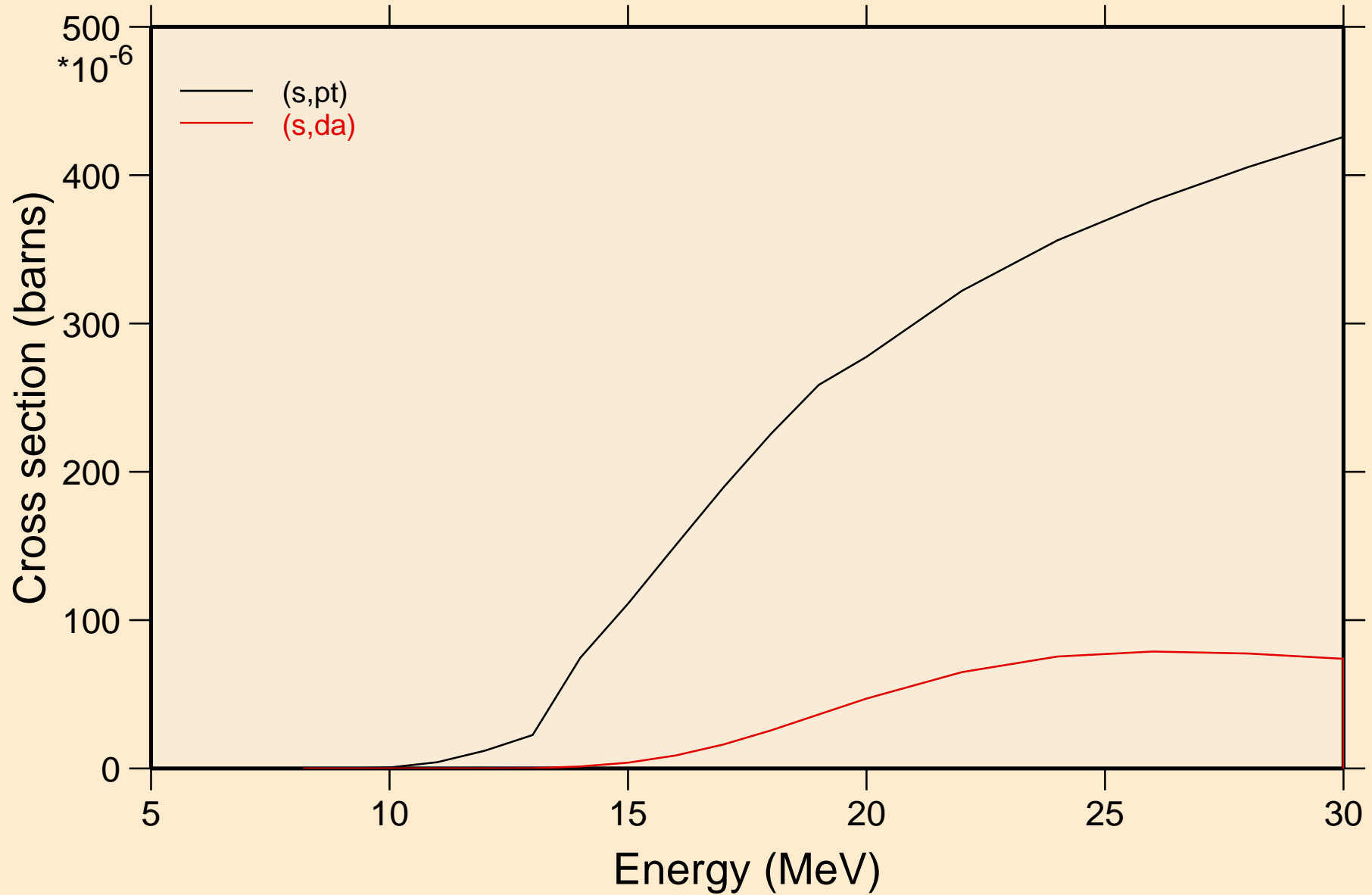
Threshold reactions



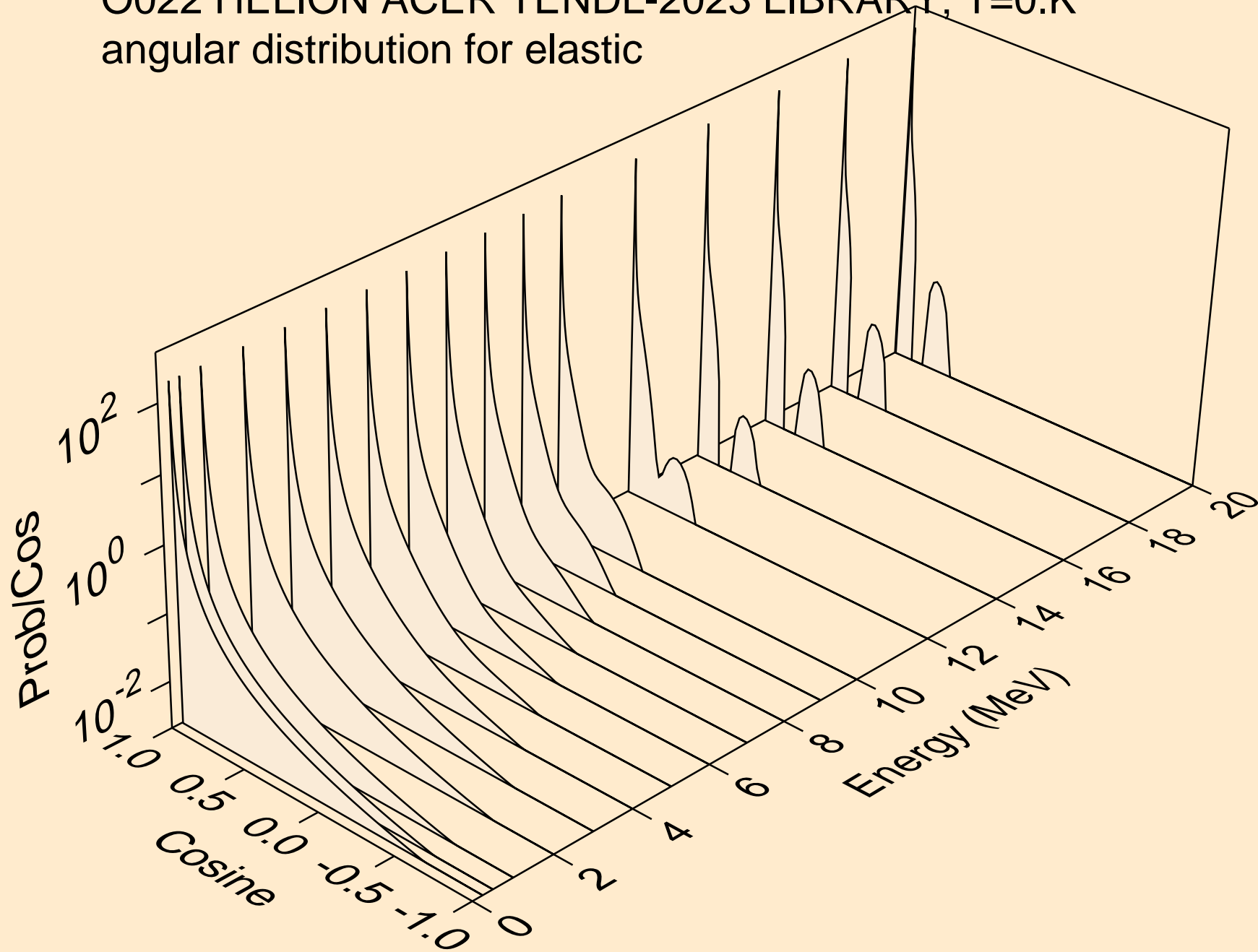
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Threshold reactions



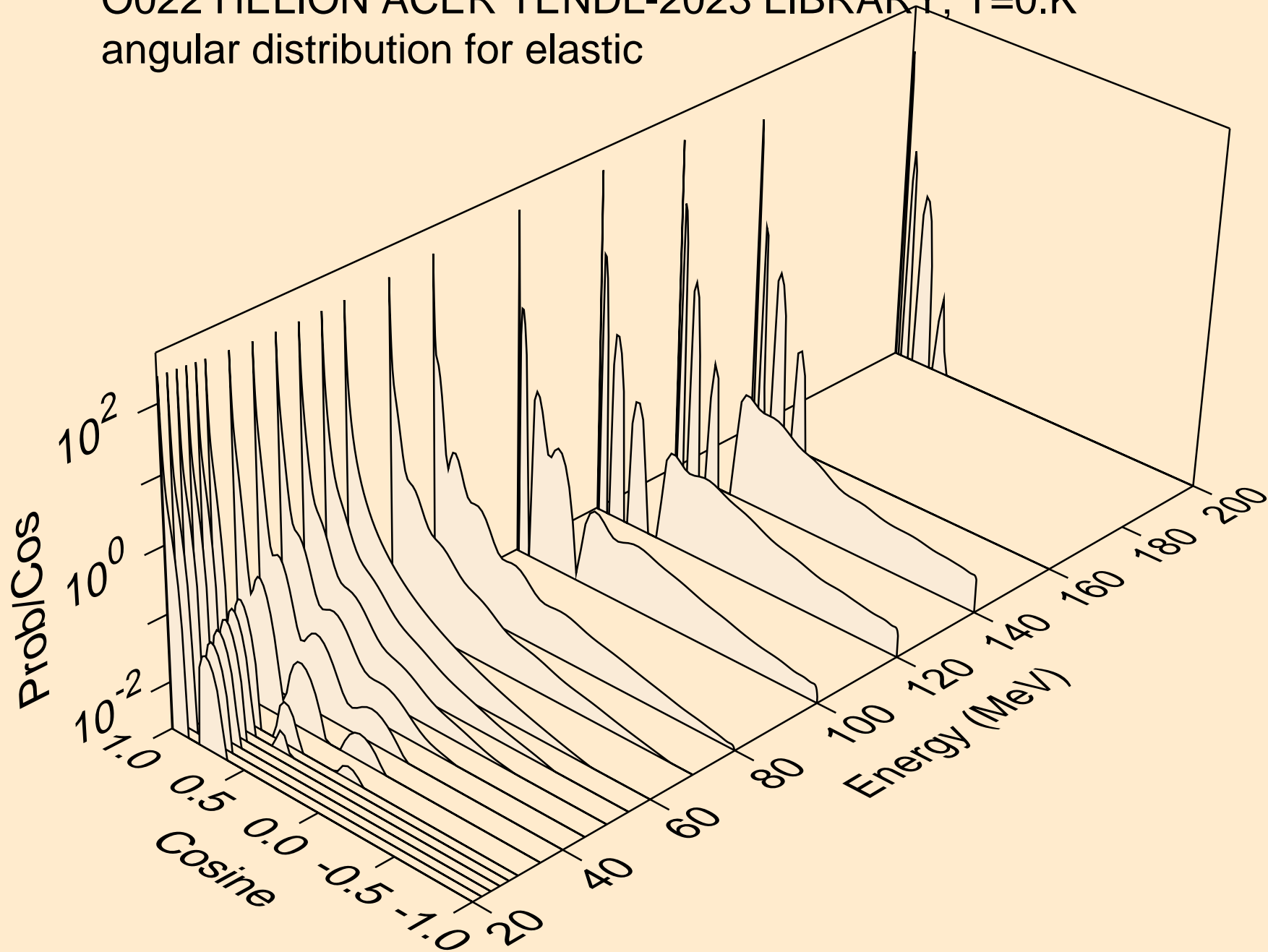
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Threshold reactions



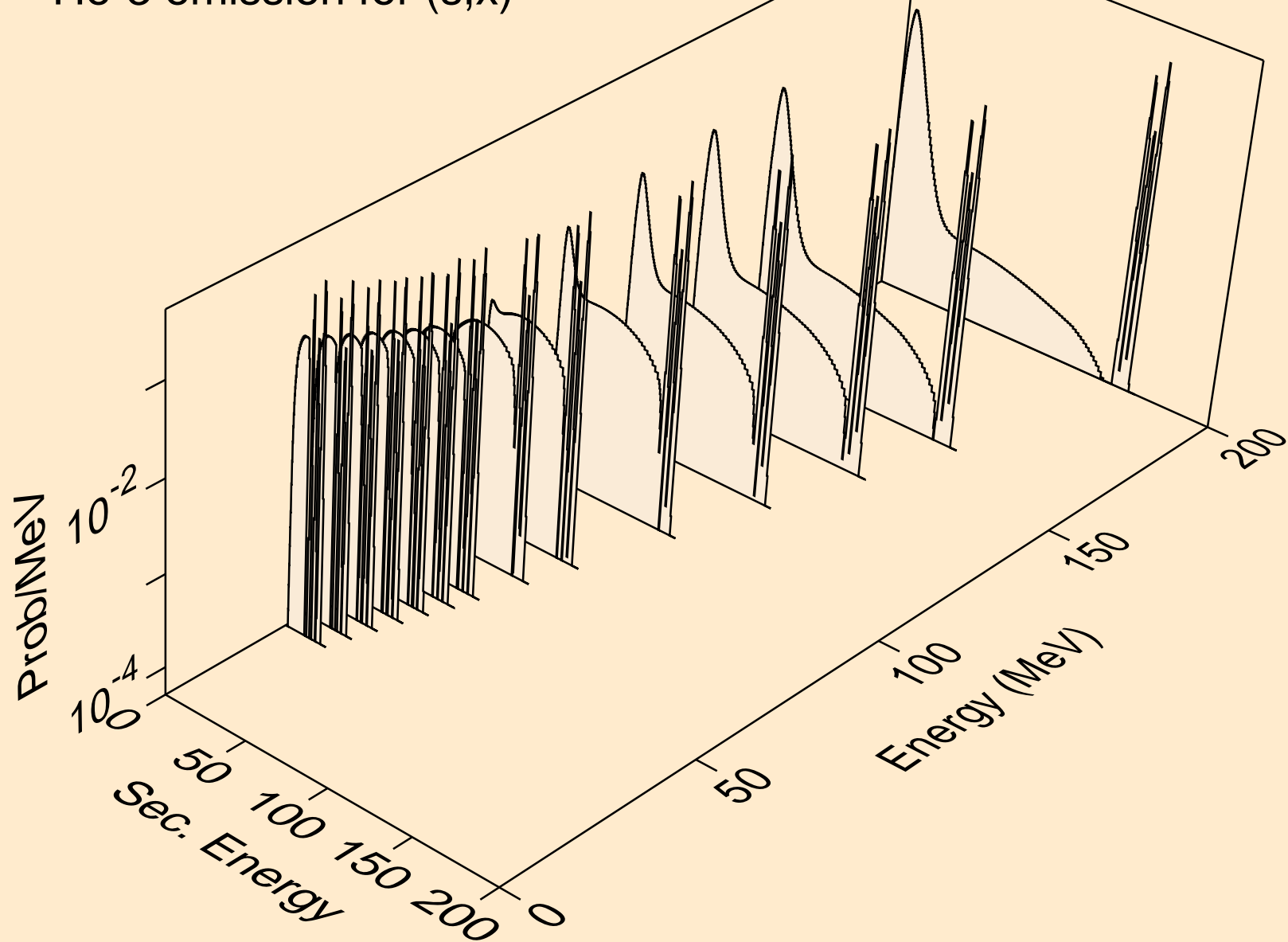
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angular distribution for elastic



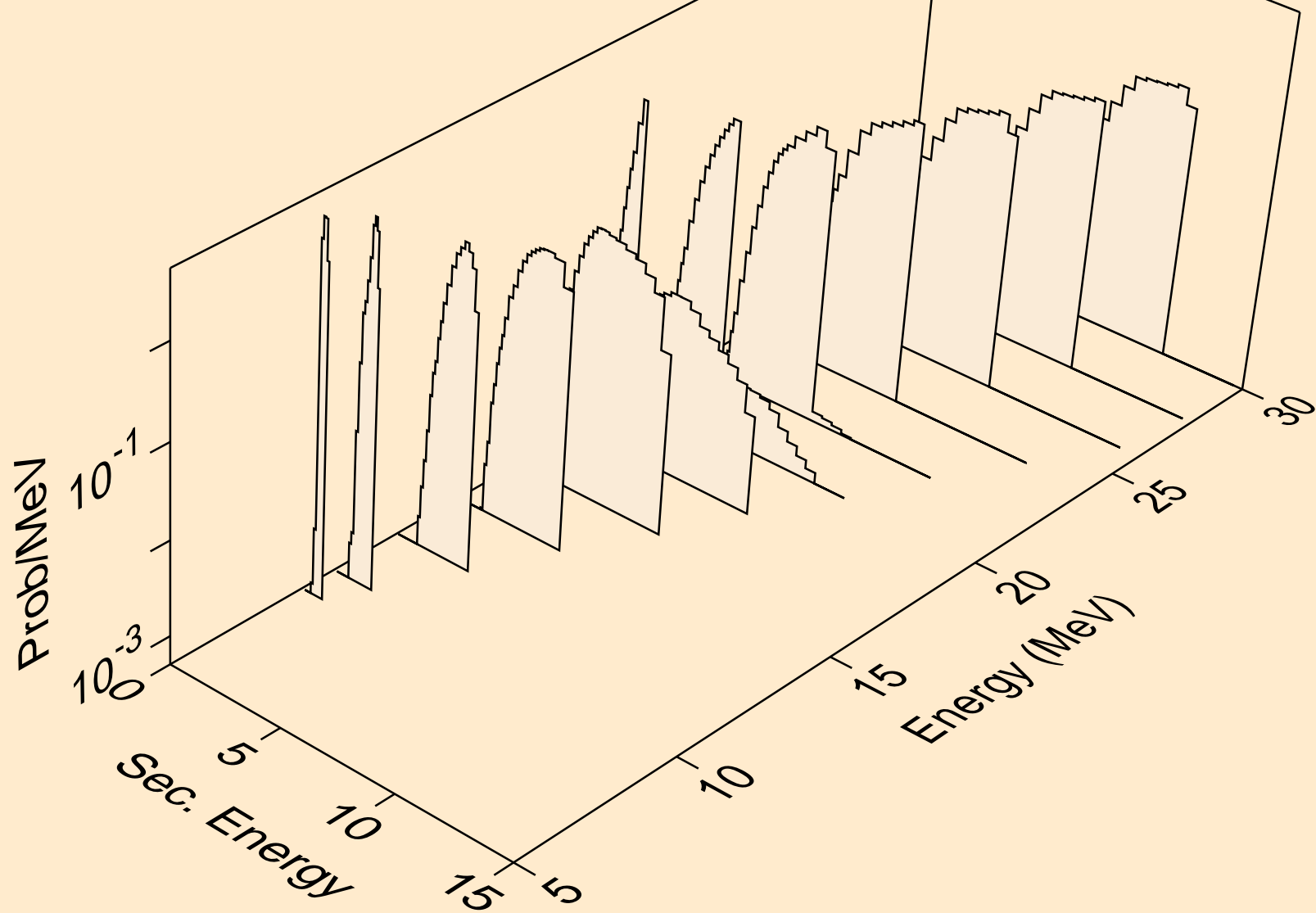
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angular distribution for elastic



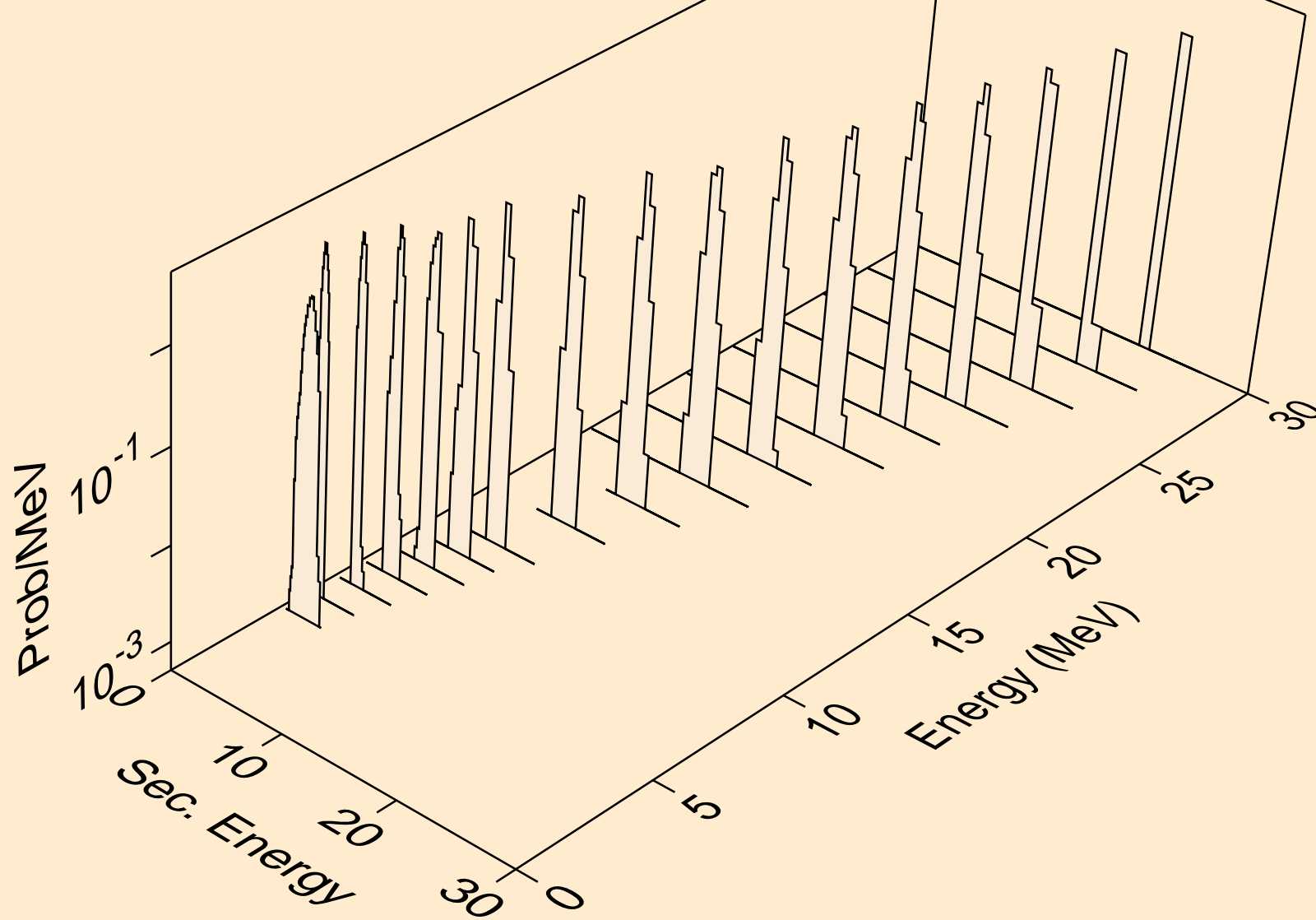
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,x)



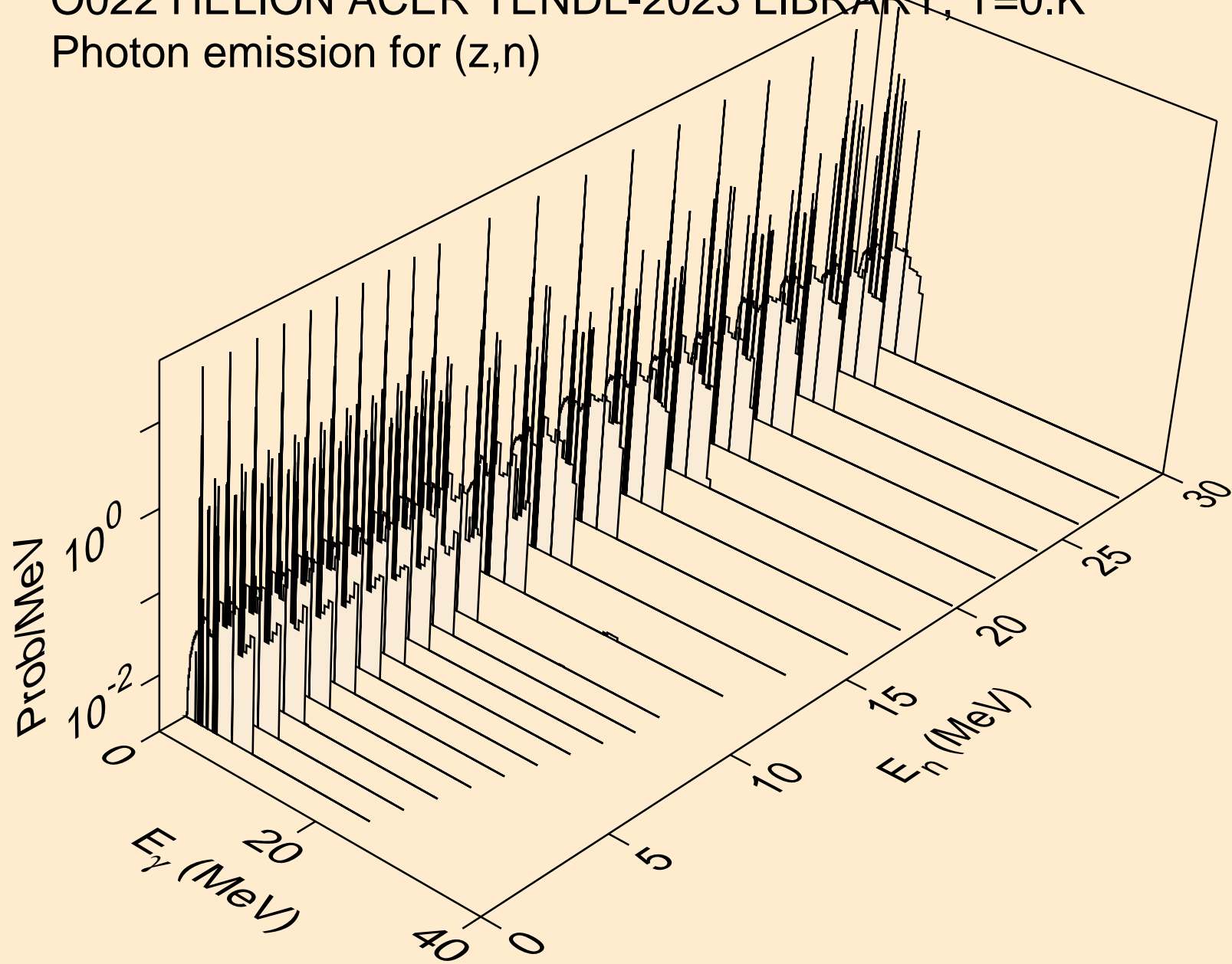
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for inelastic

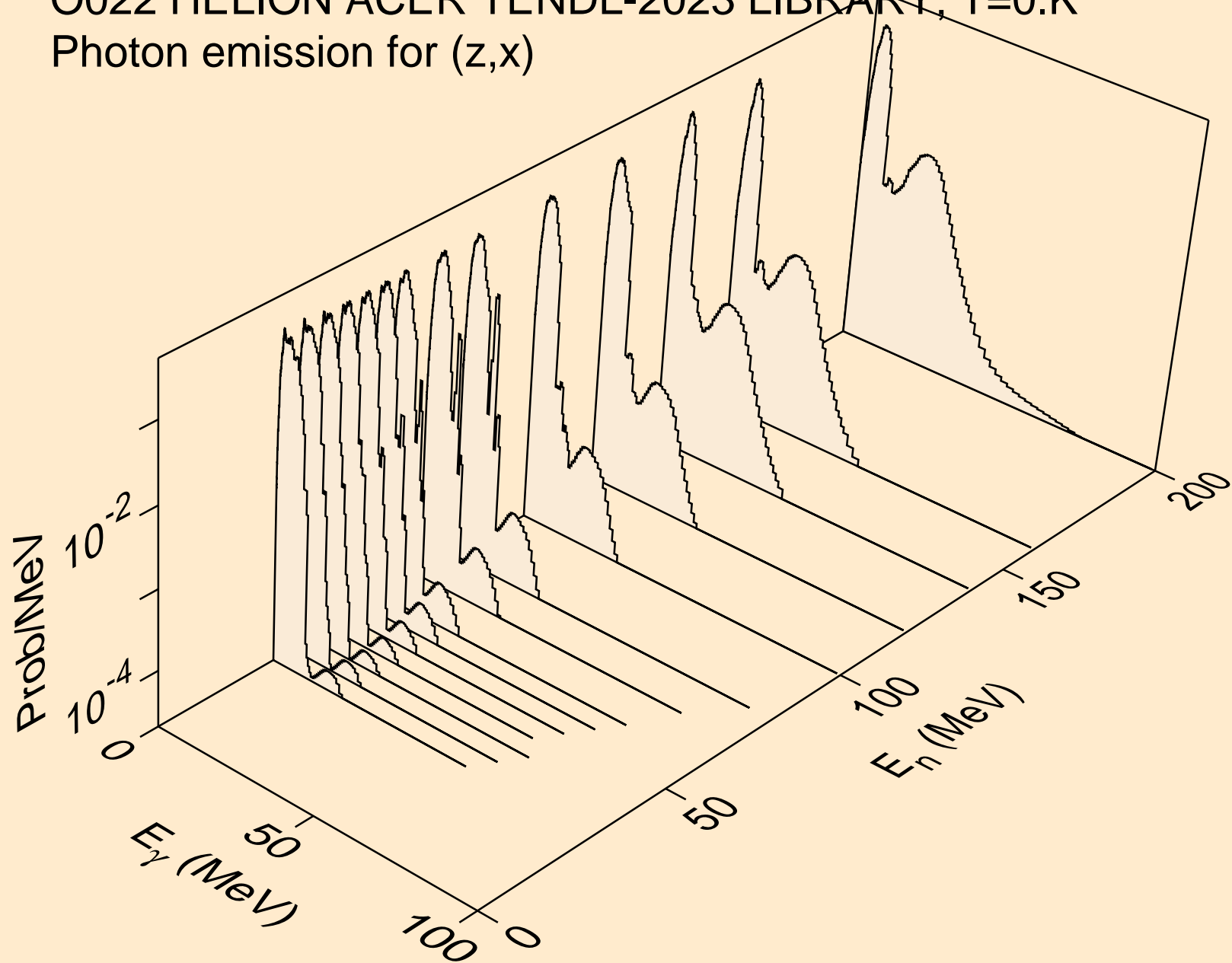


O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

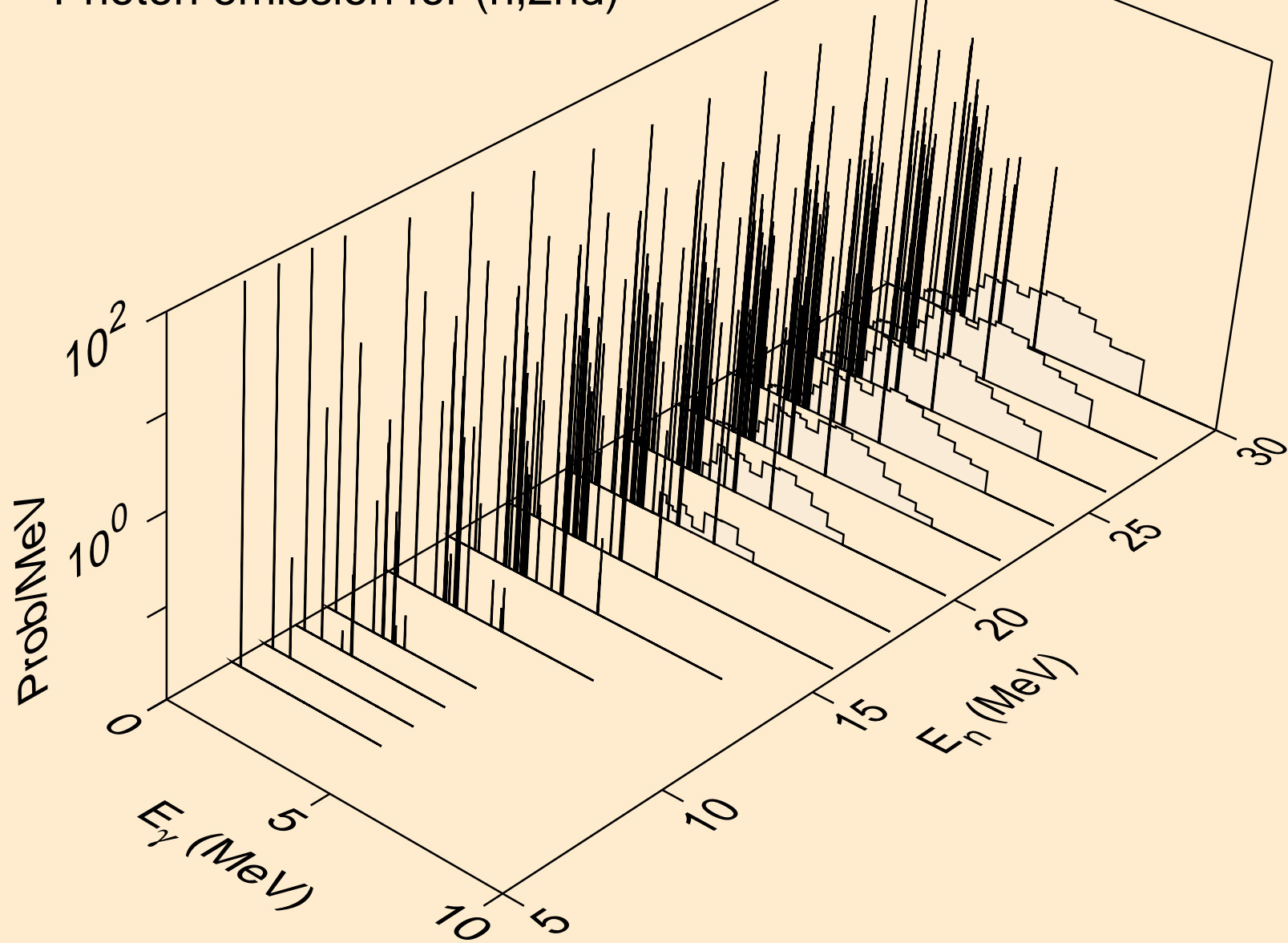


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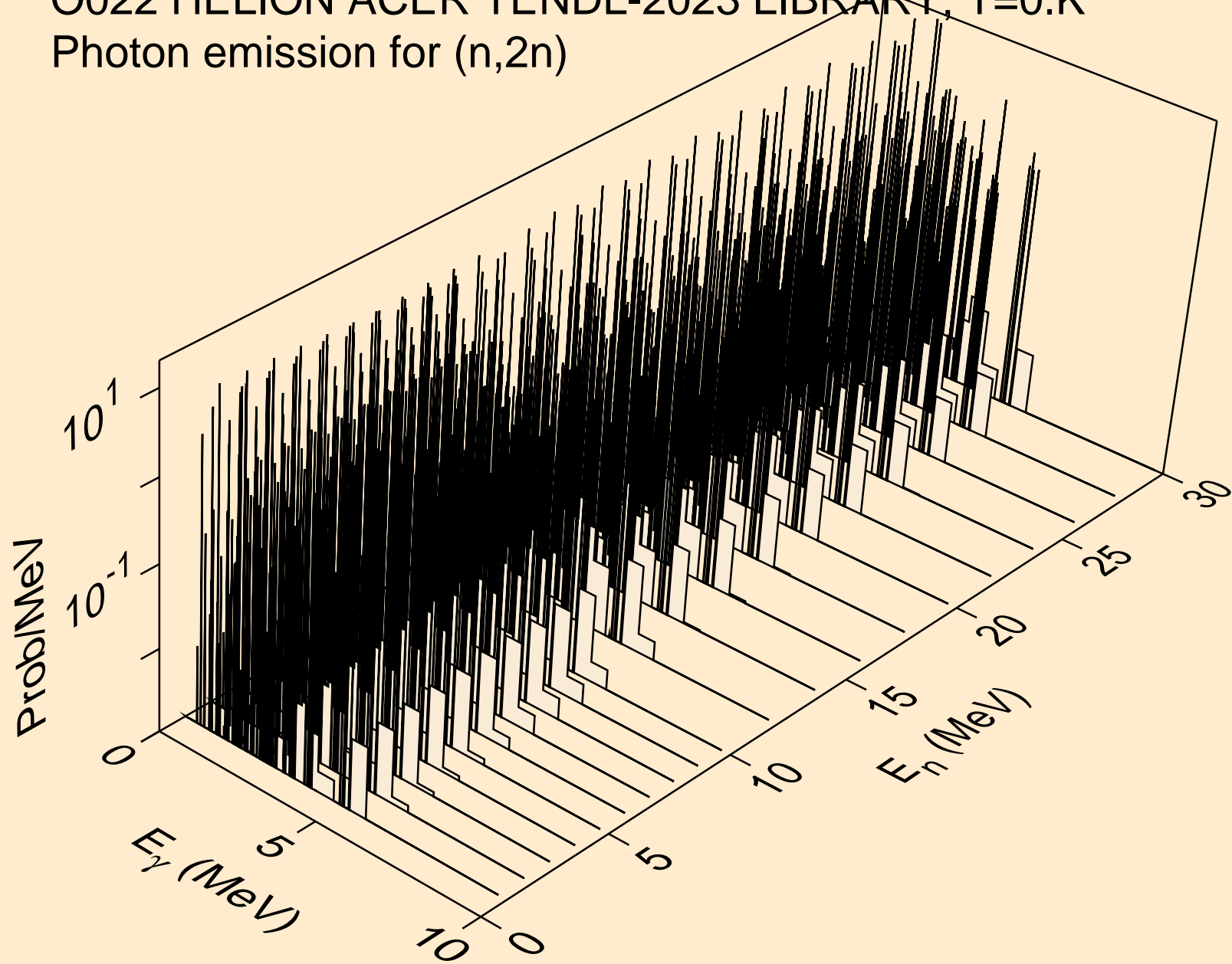
Photon emission for (z,x)



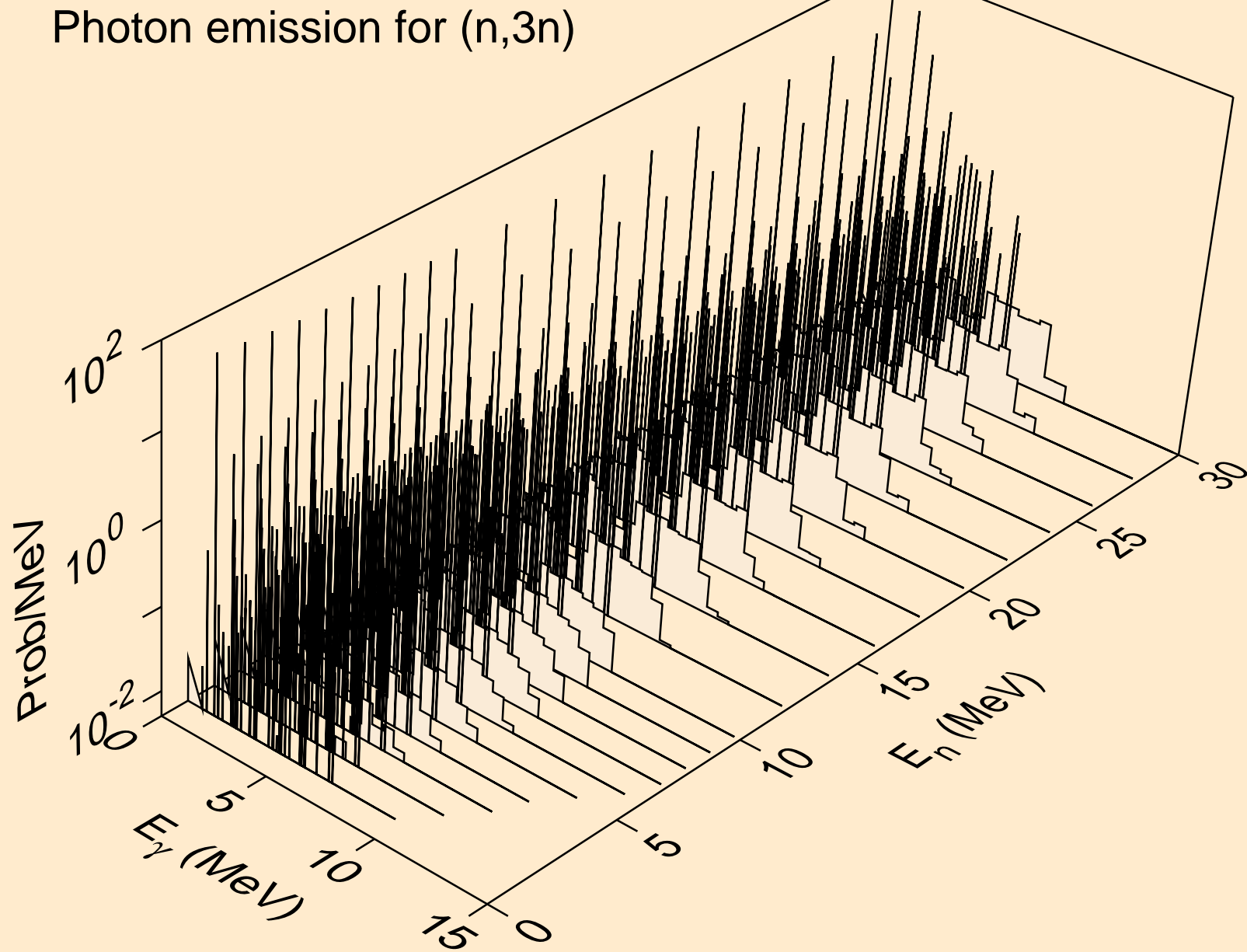
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Photon emission for (n,2nd)



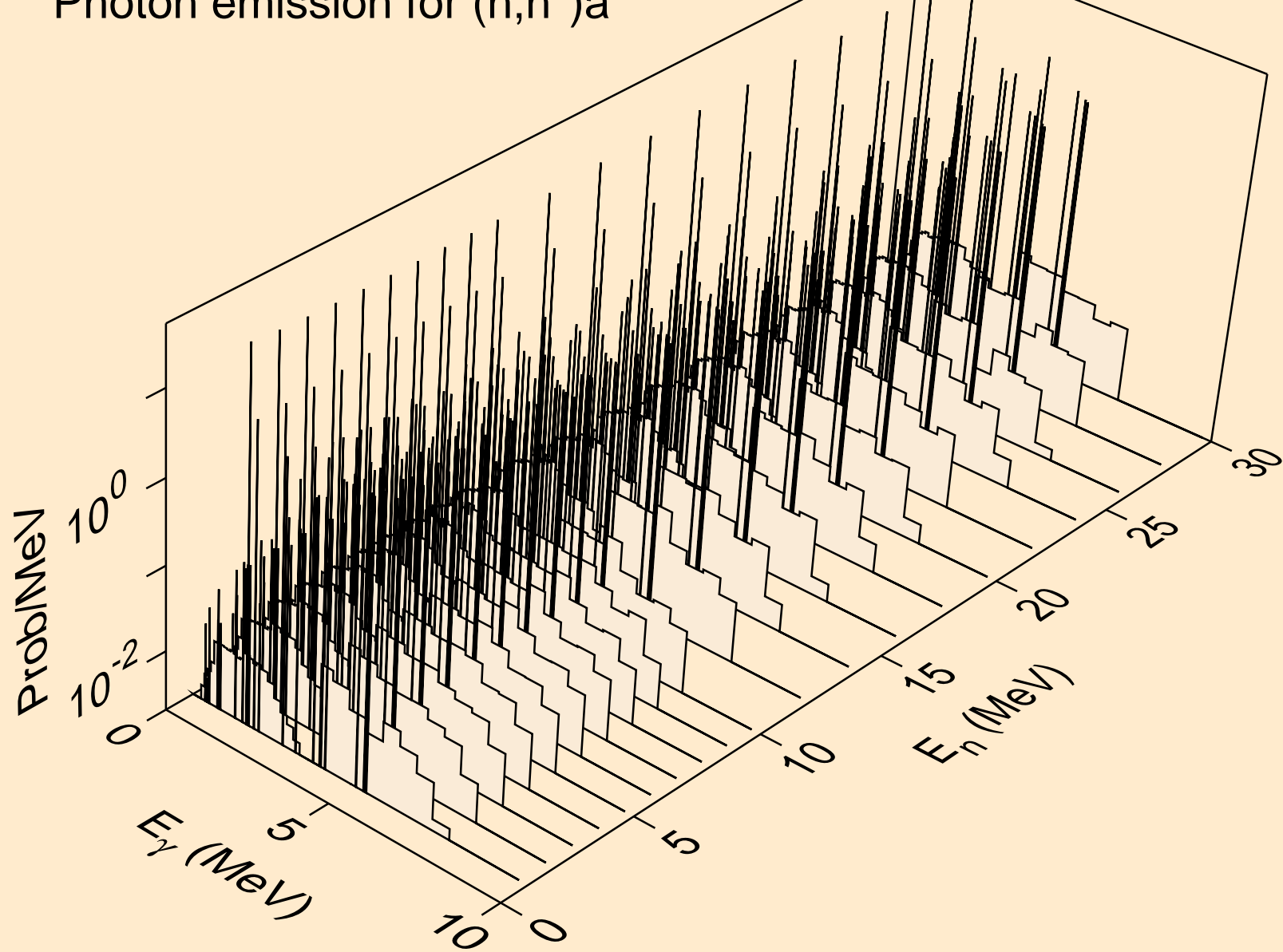
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Photon emission for (n,2n)



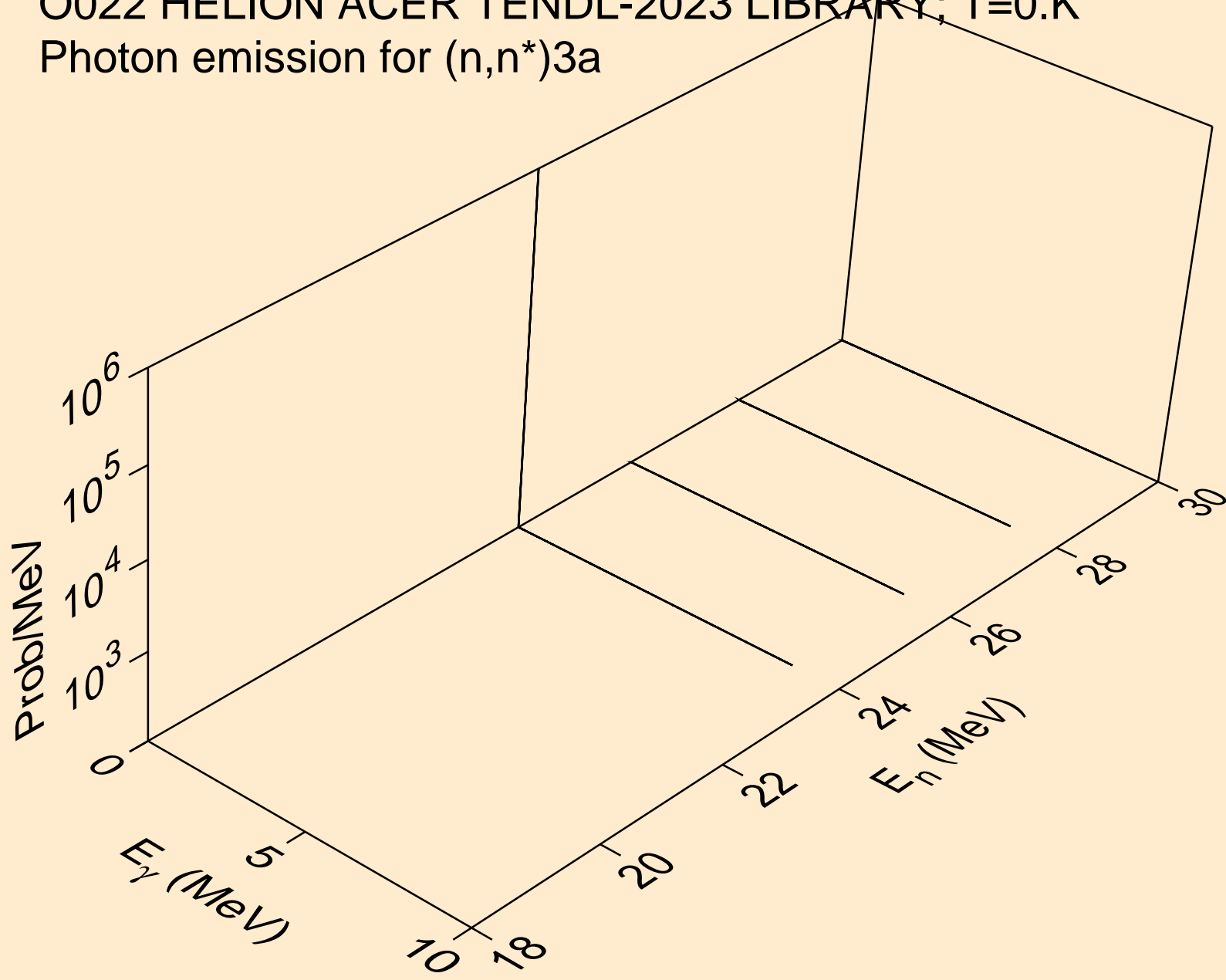
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Photon emission for (n,3n)



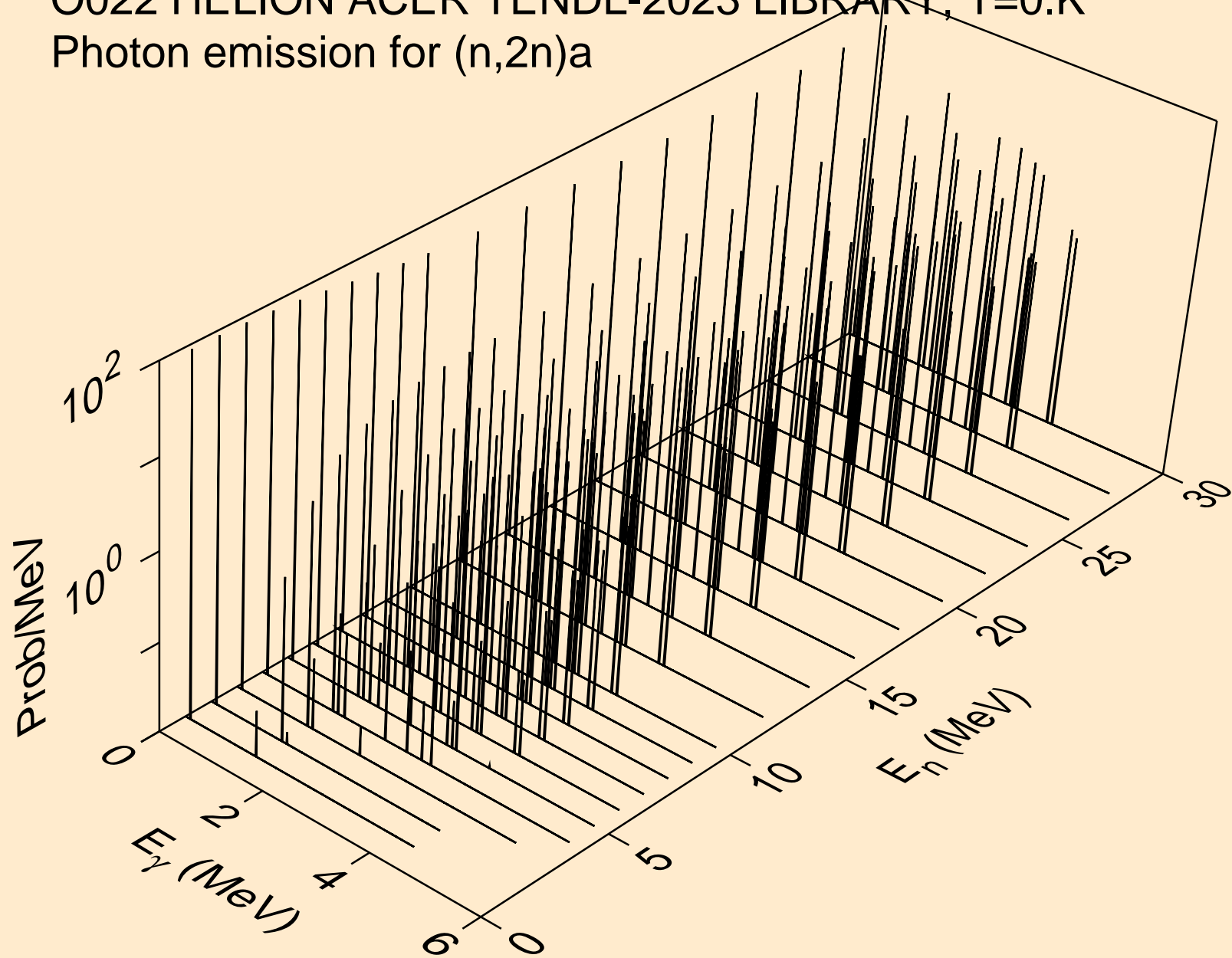
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Photon emission for (n,n*)a



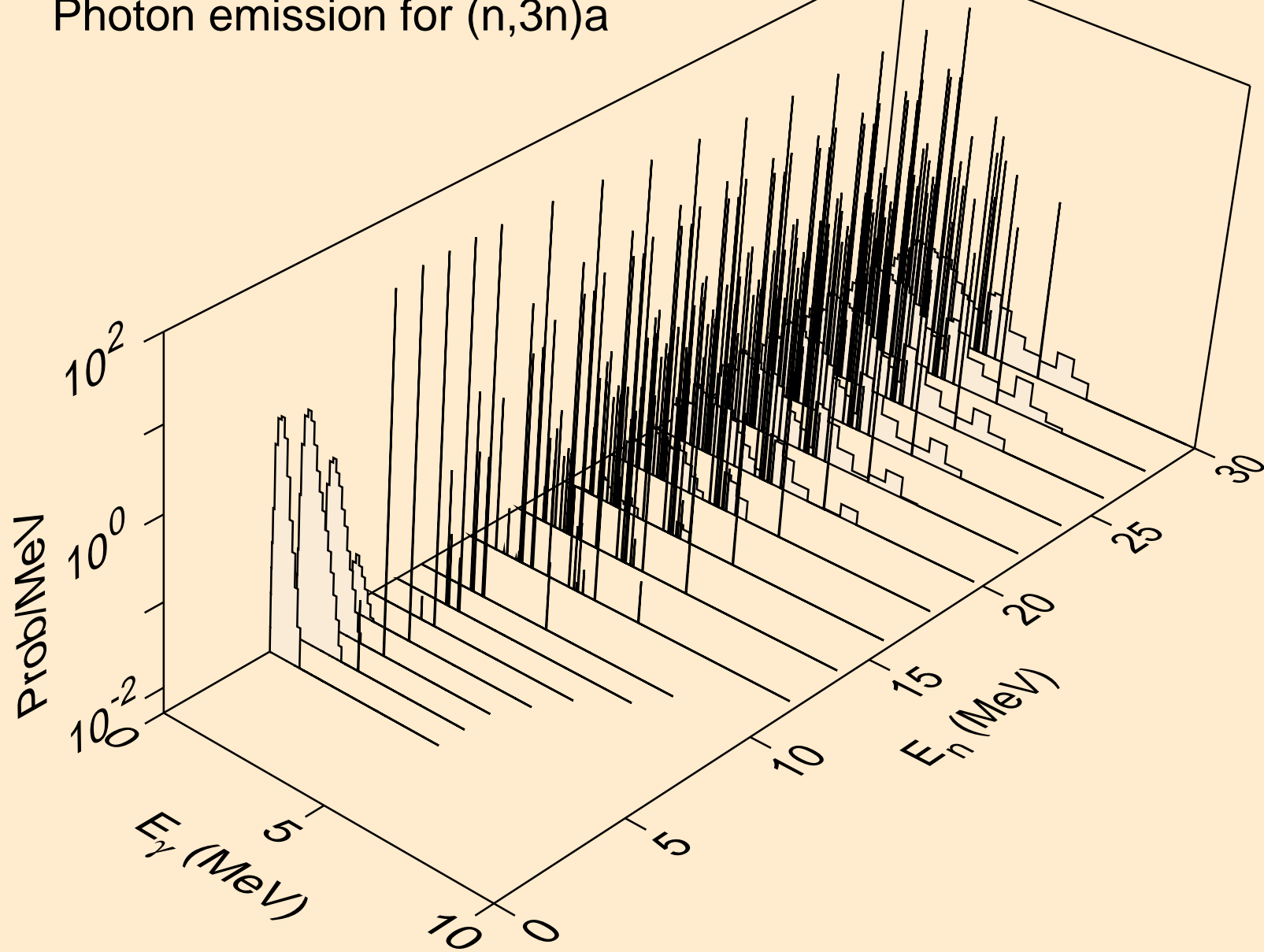
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Photon emission for (n,n*)3a



O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a

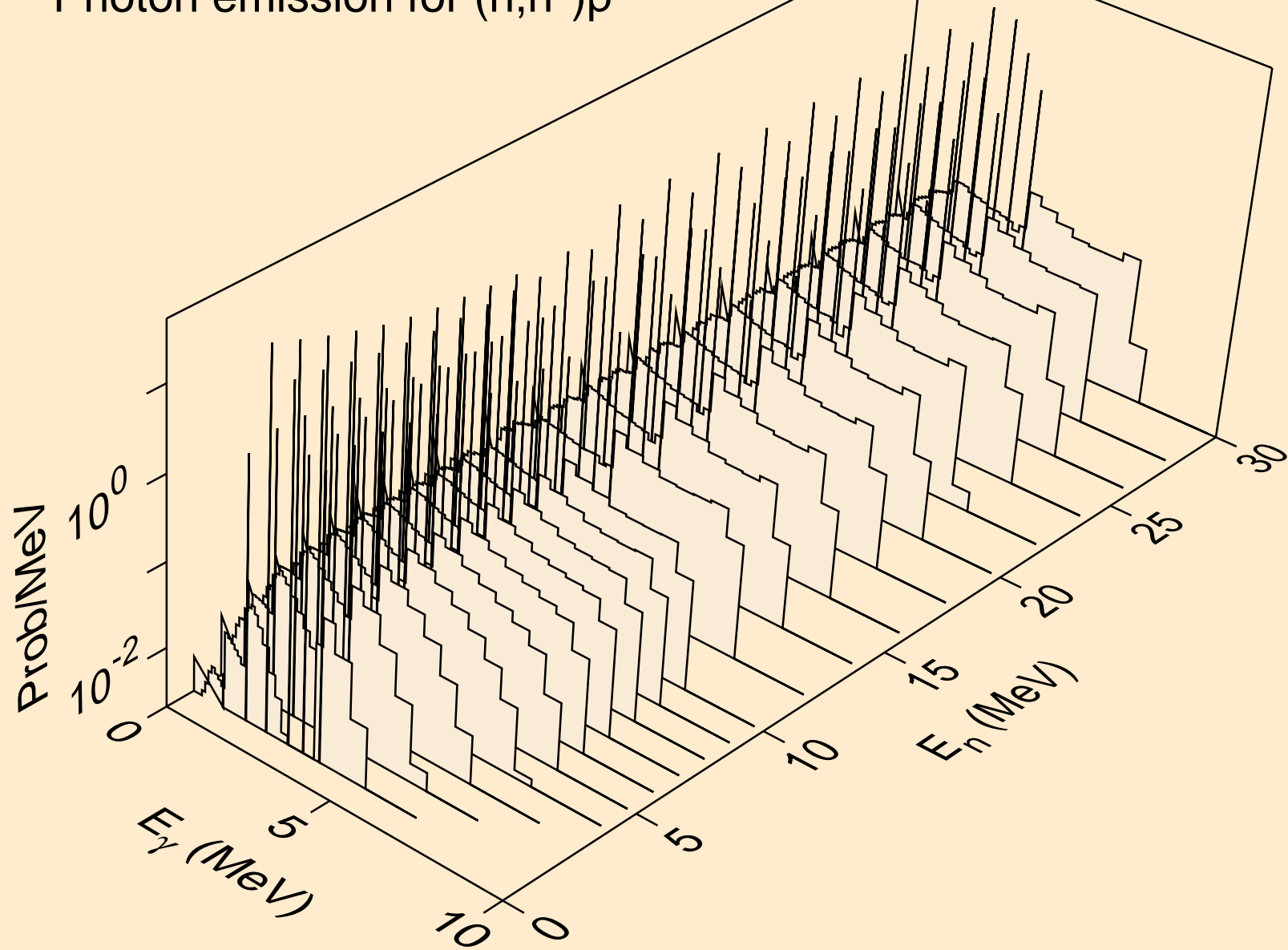


O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a

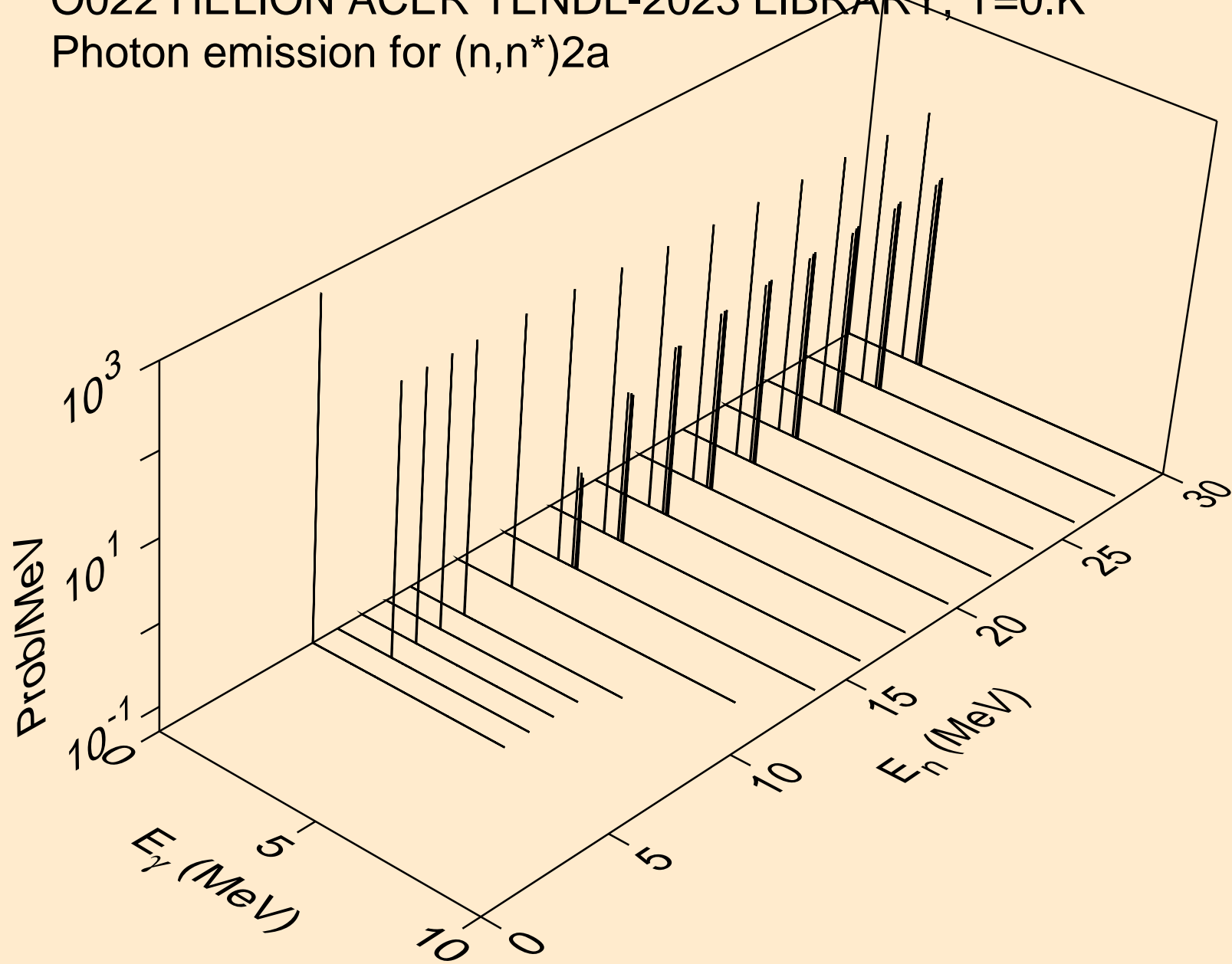


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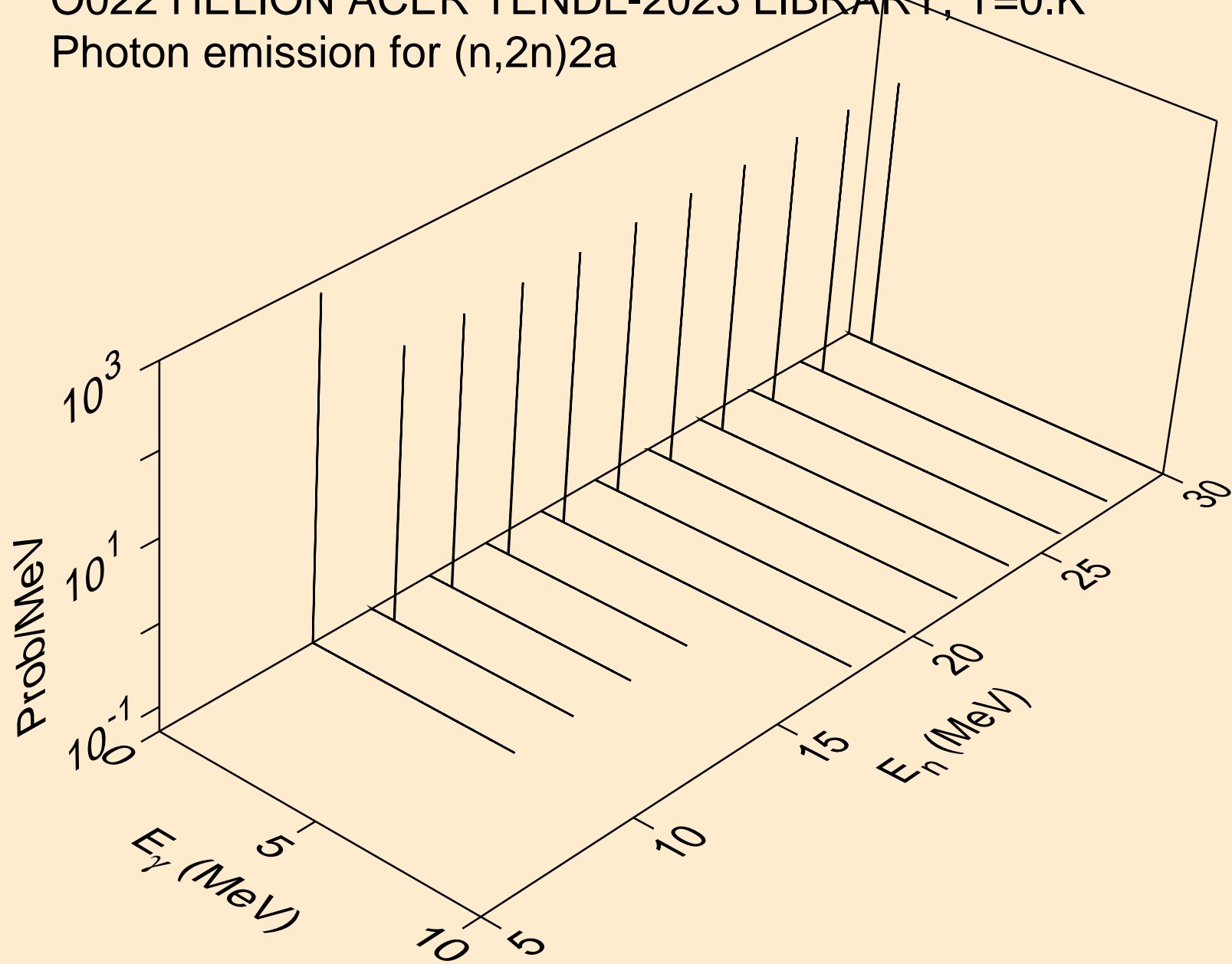
Photon emission for (n,n*)p



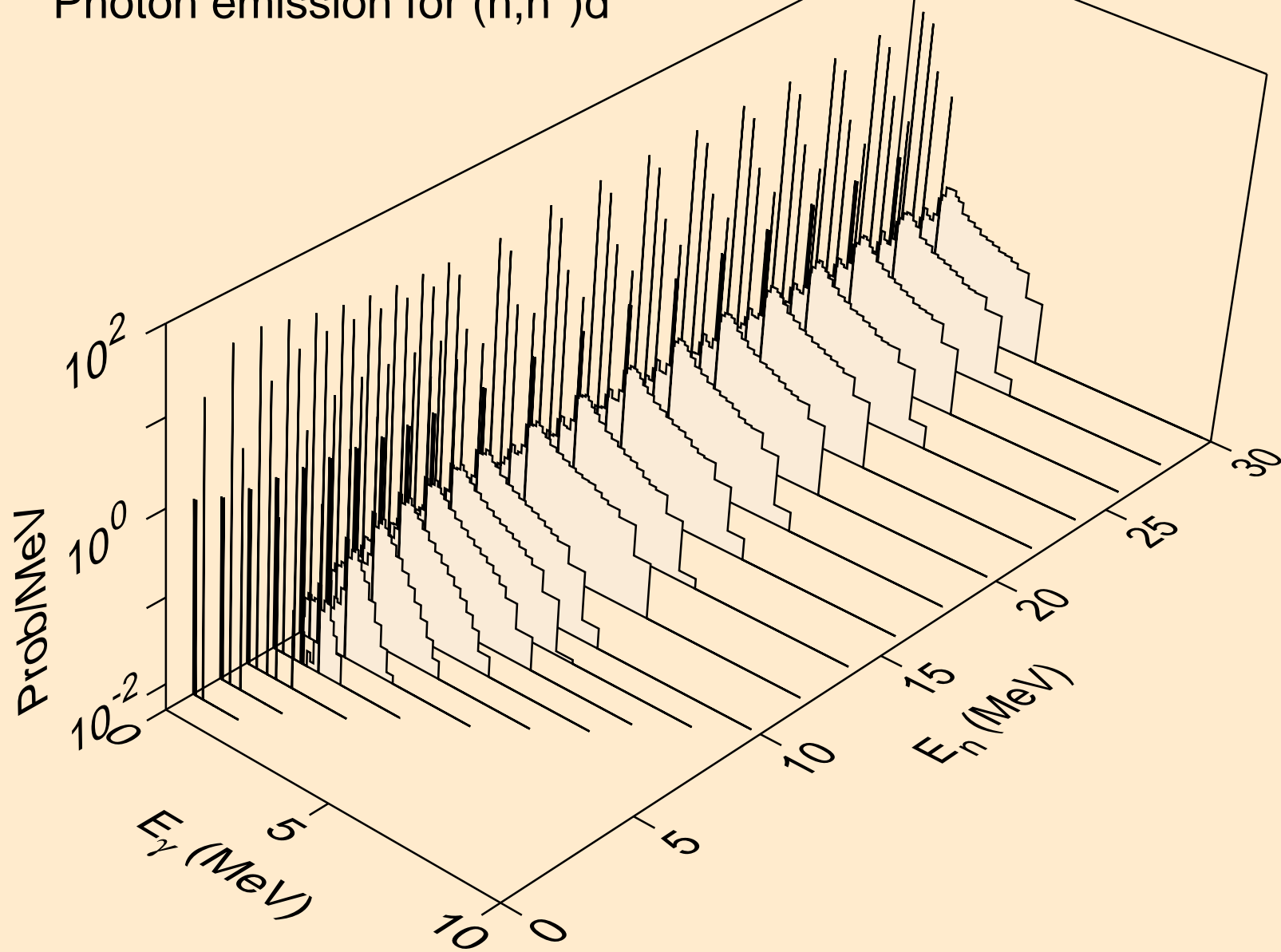
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Photon emission for (n,n*)2a



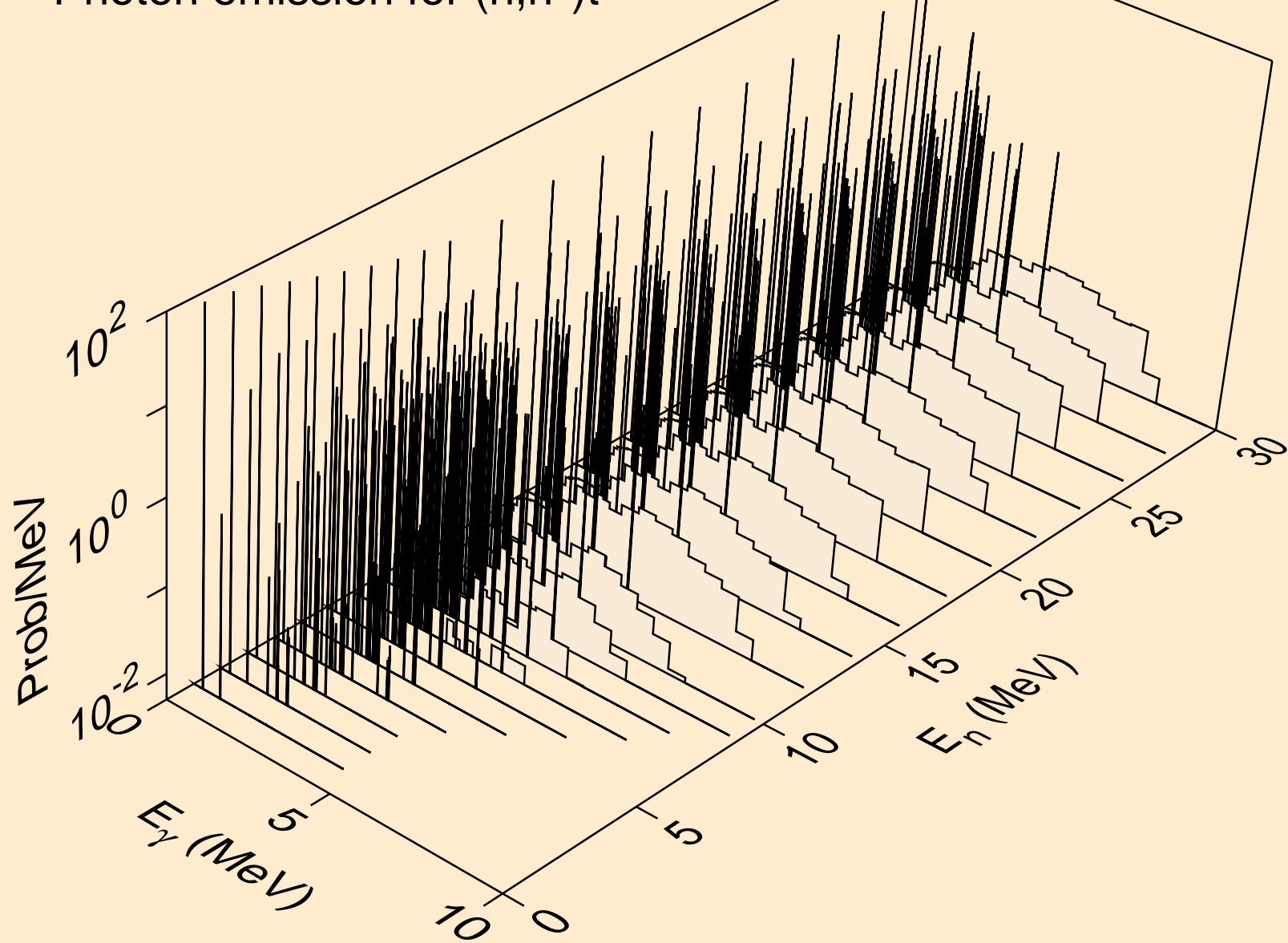
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Photon emission for (n,2n)2a



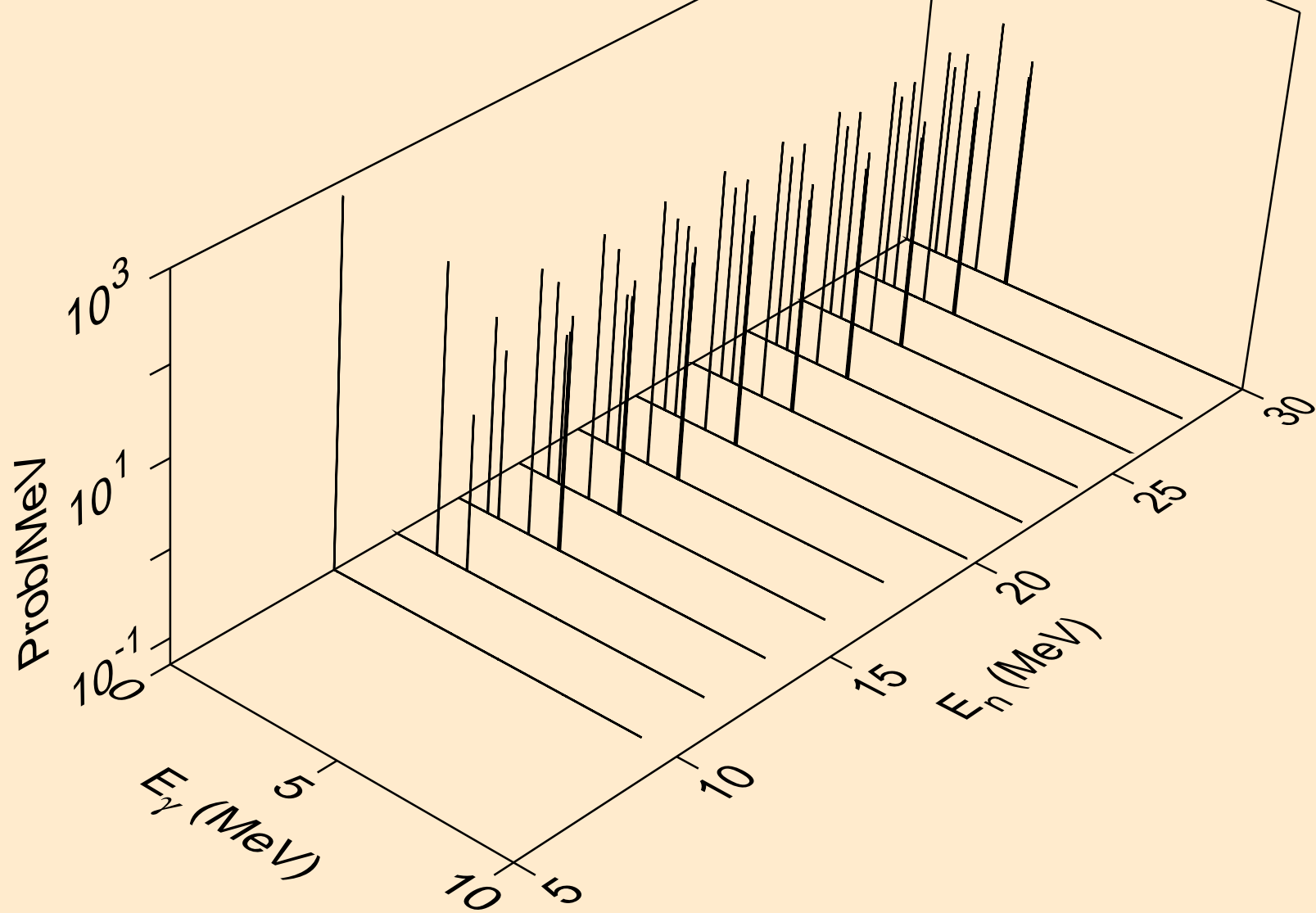
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Photon emission for (n,n*)d



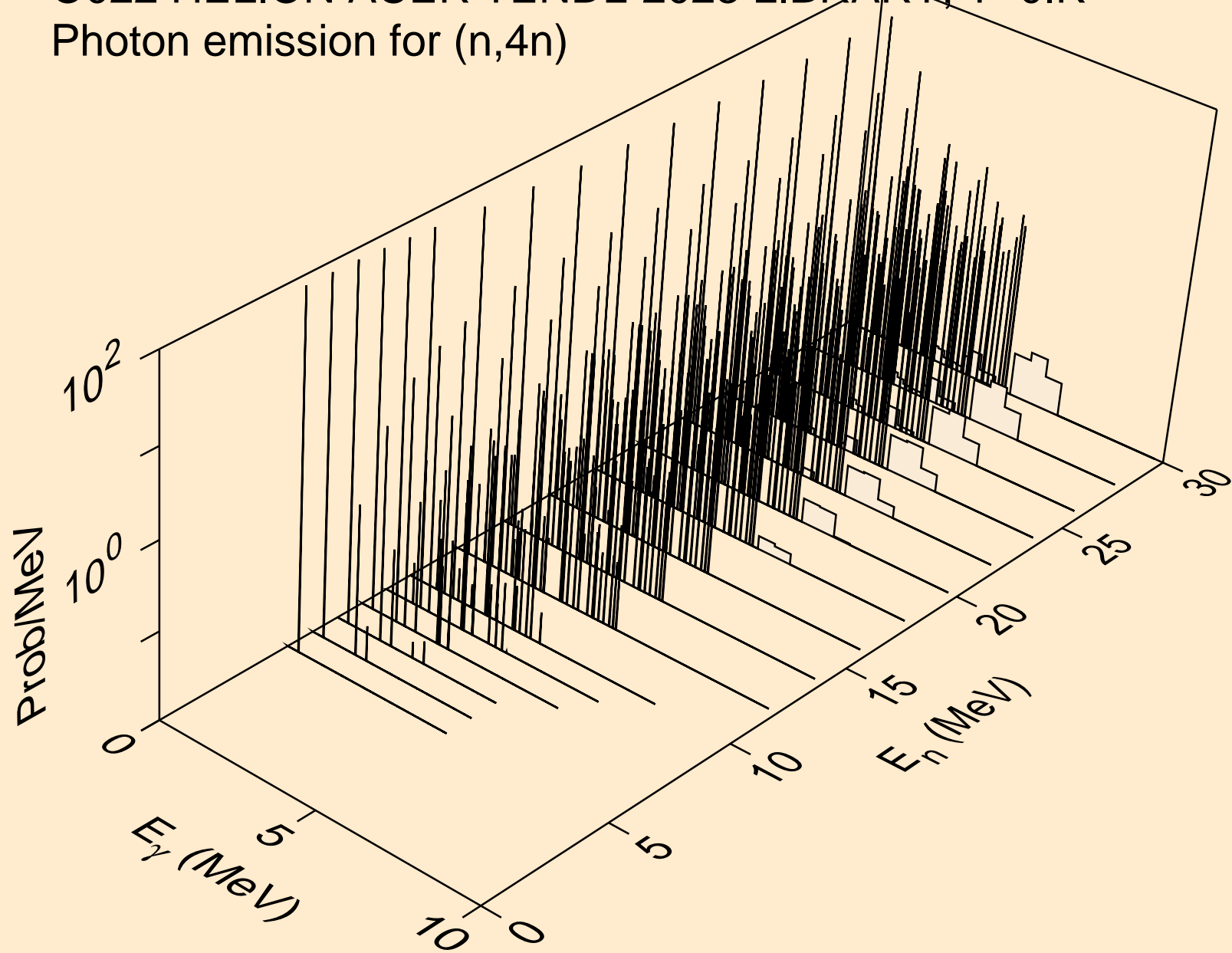
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Photon emission for (n,n*)t



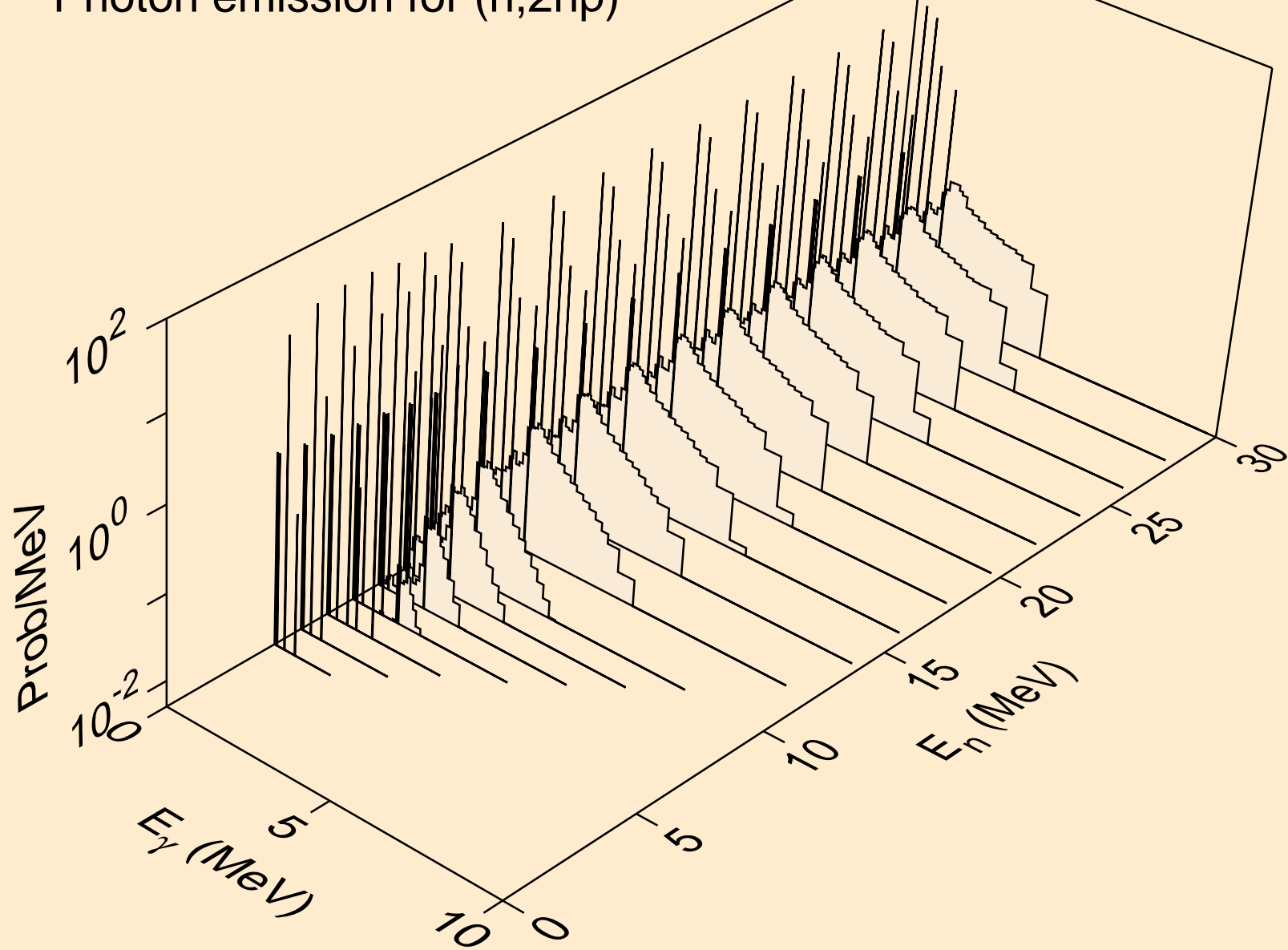
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Photon emission for (n,n*)he3



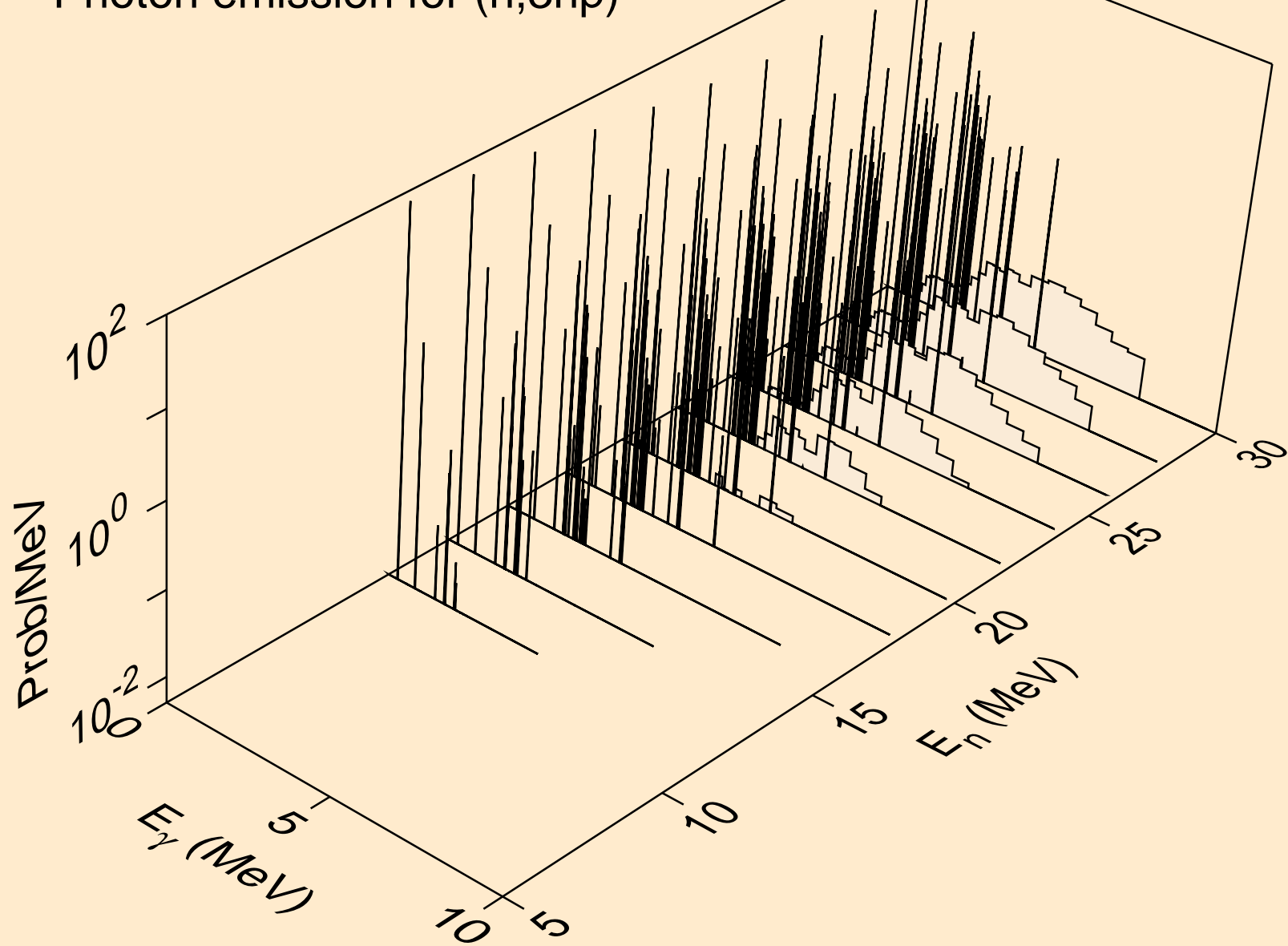
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Photon emission for (n,4n)



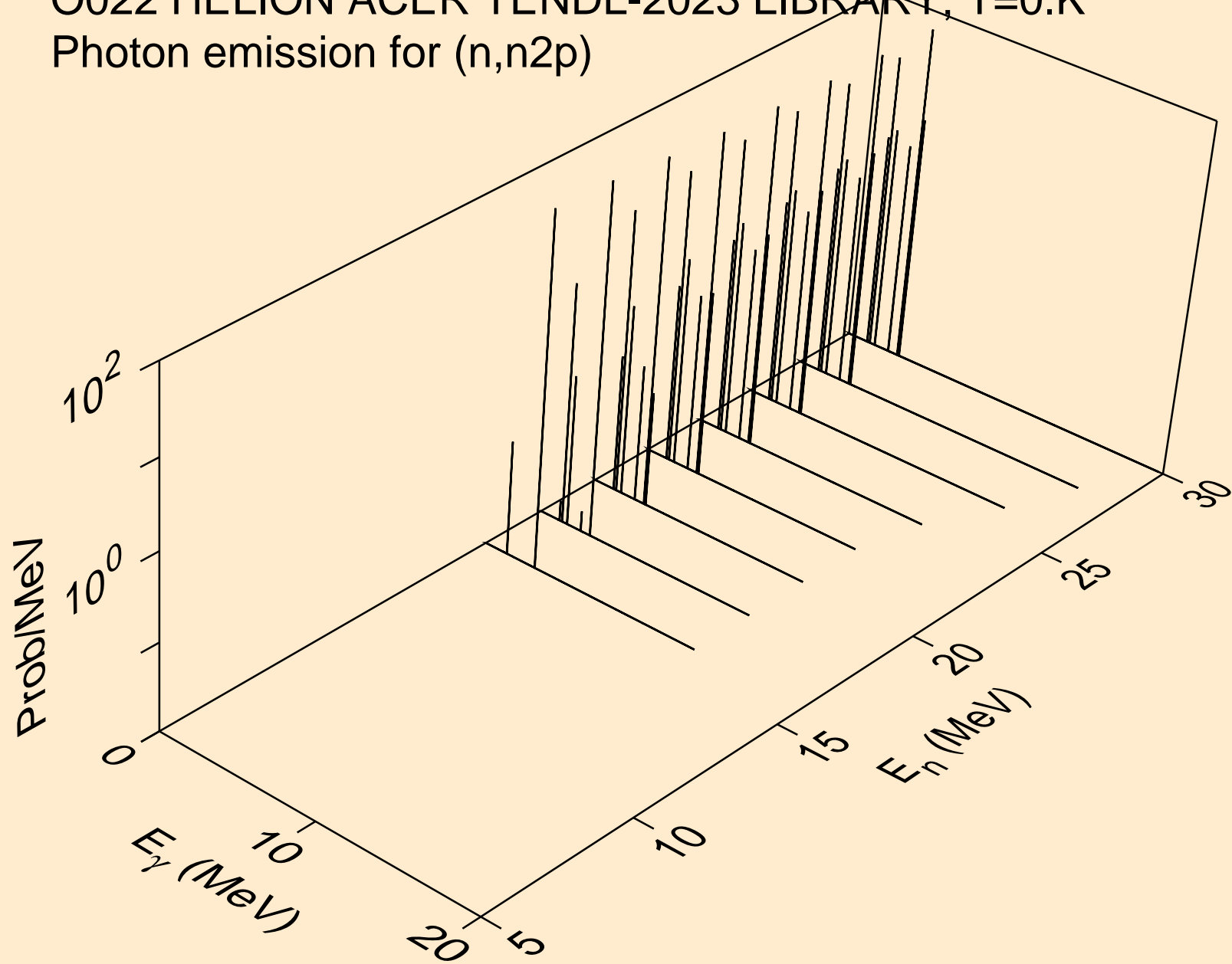
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Photon emission for (n,2np)



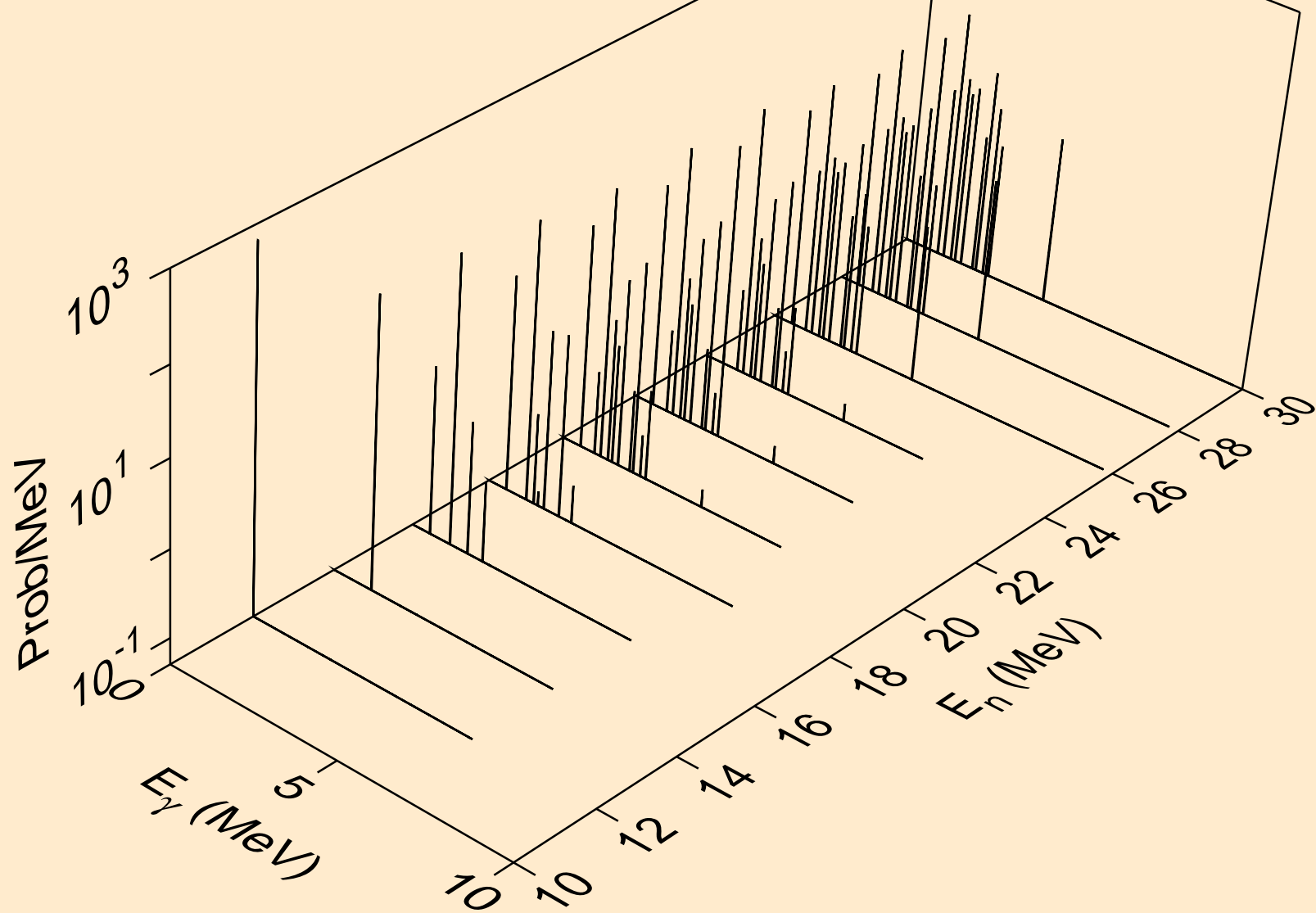
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Photon emission for (n,3np)



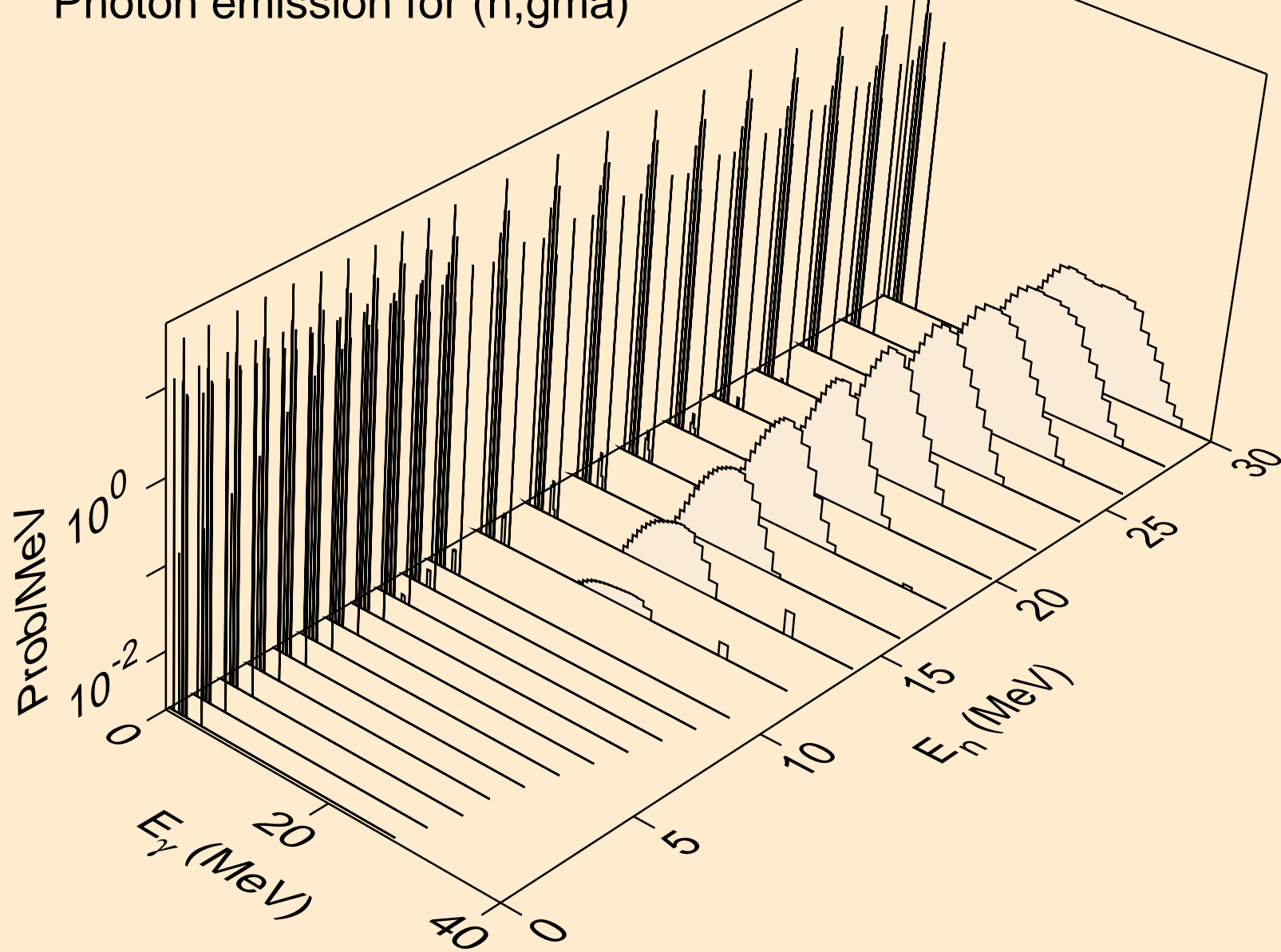
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Photon emission for (n,n2p)



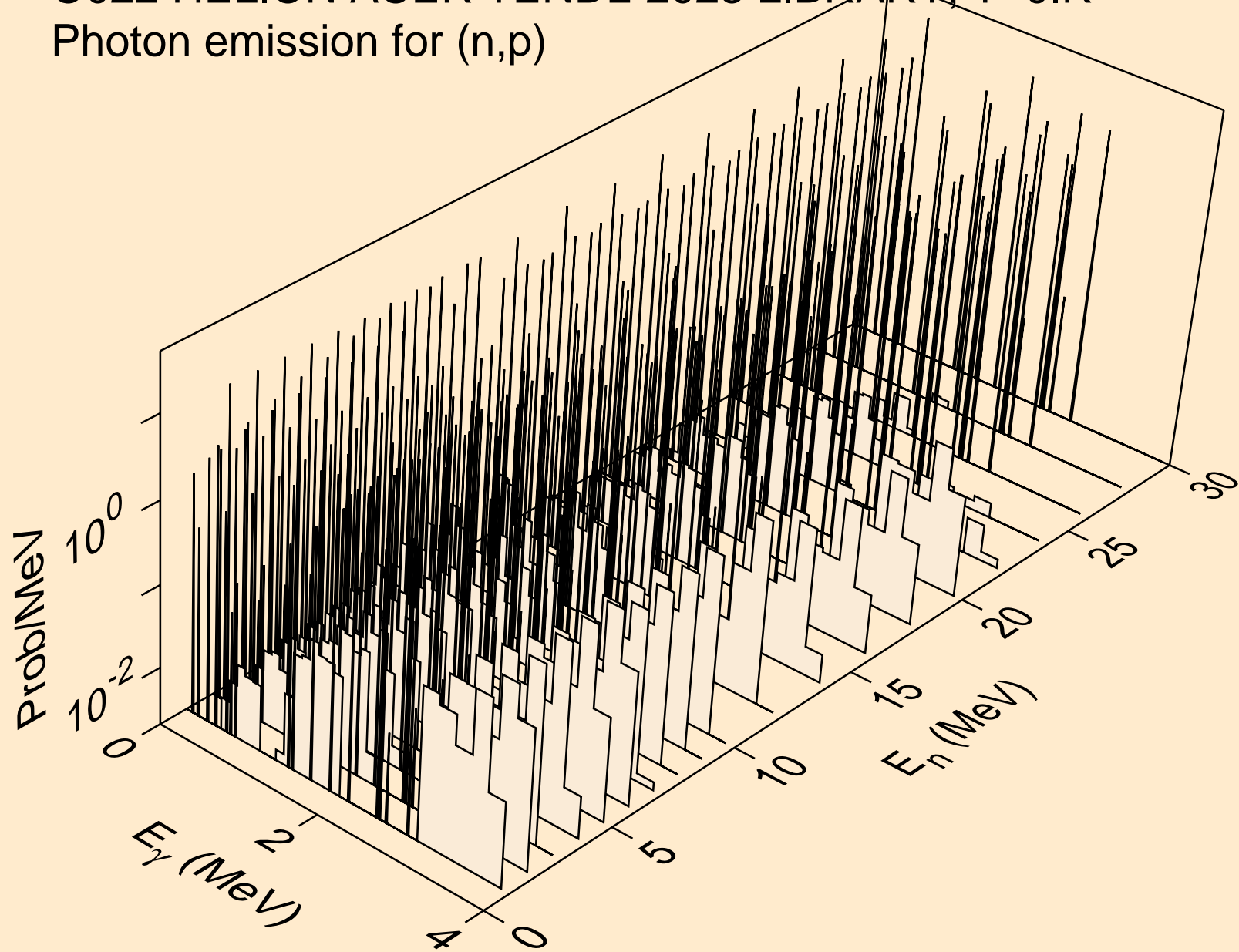
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Photon emission for (n,npa)



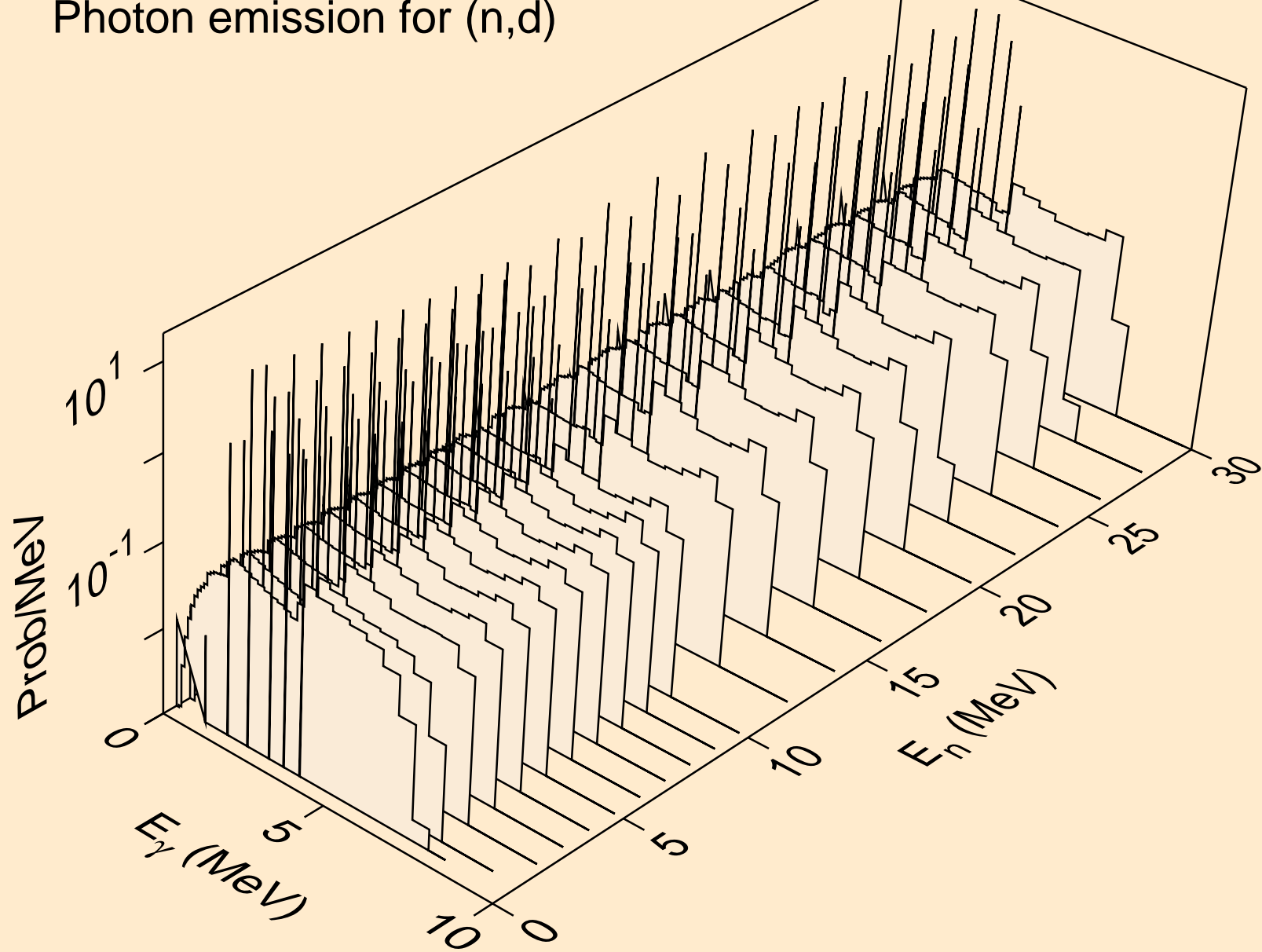
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Photon emission for (n,gma)



O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)

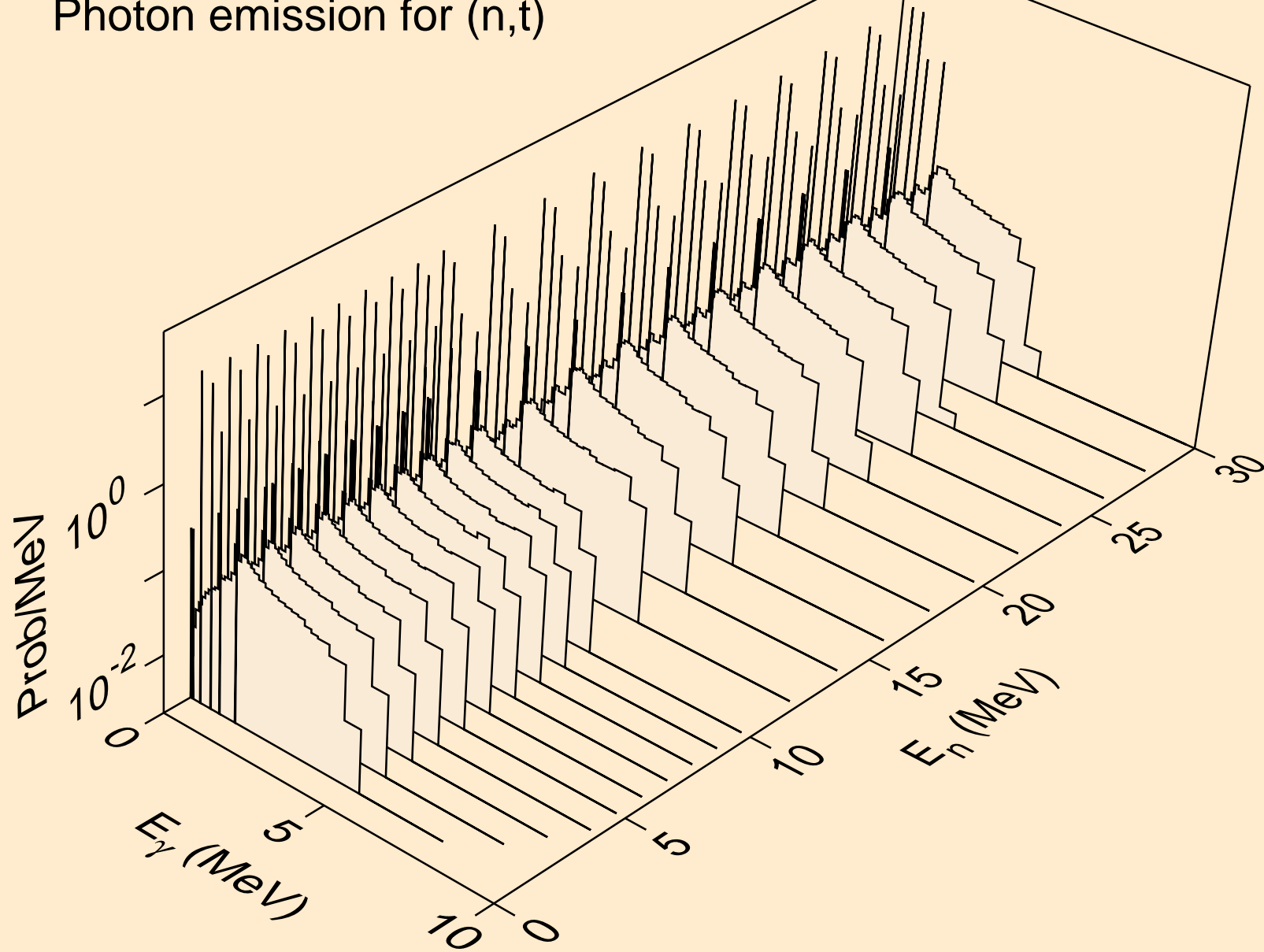


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Photon emission for (n,d)

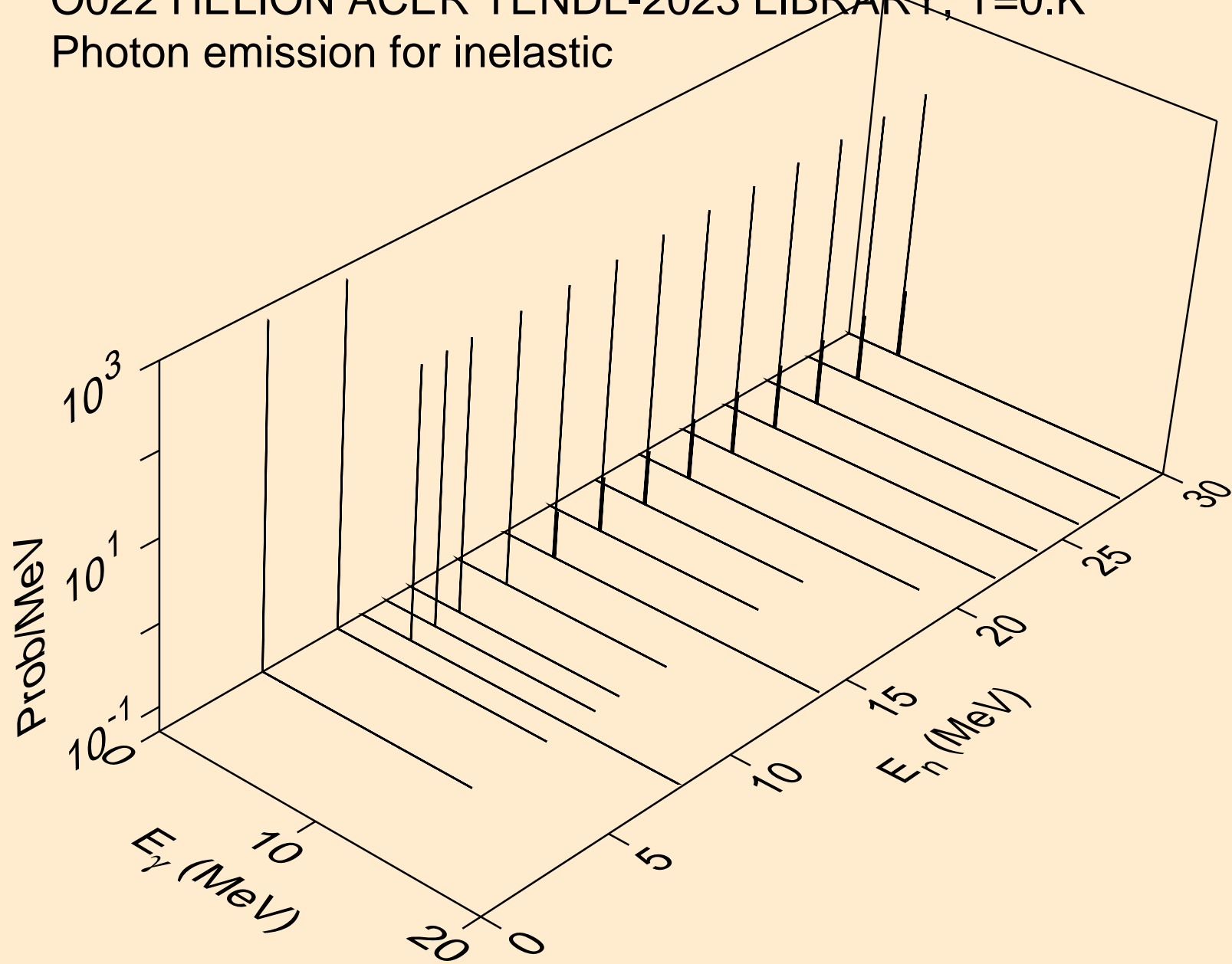


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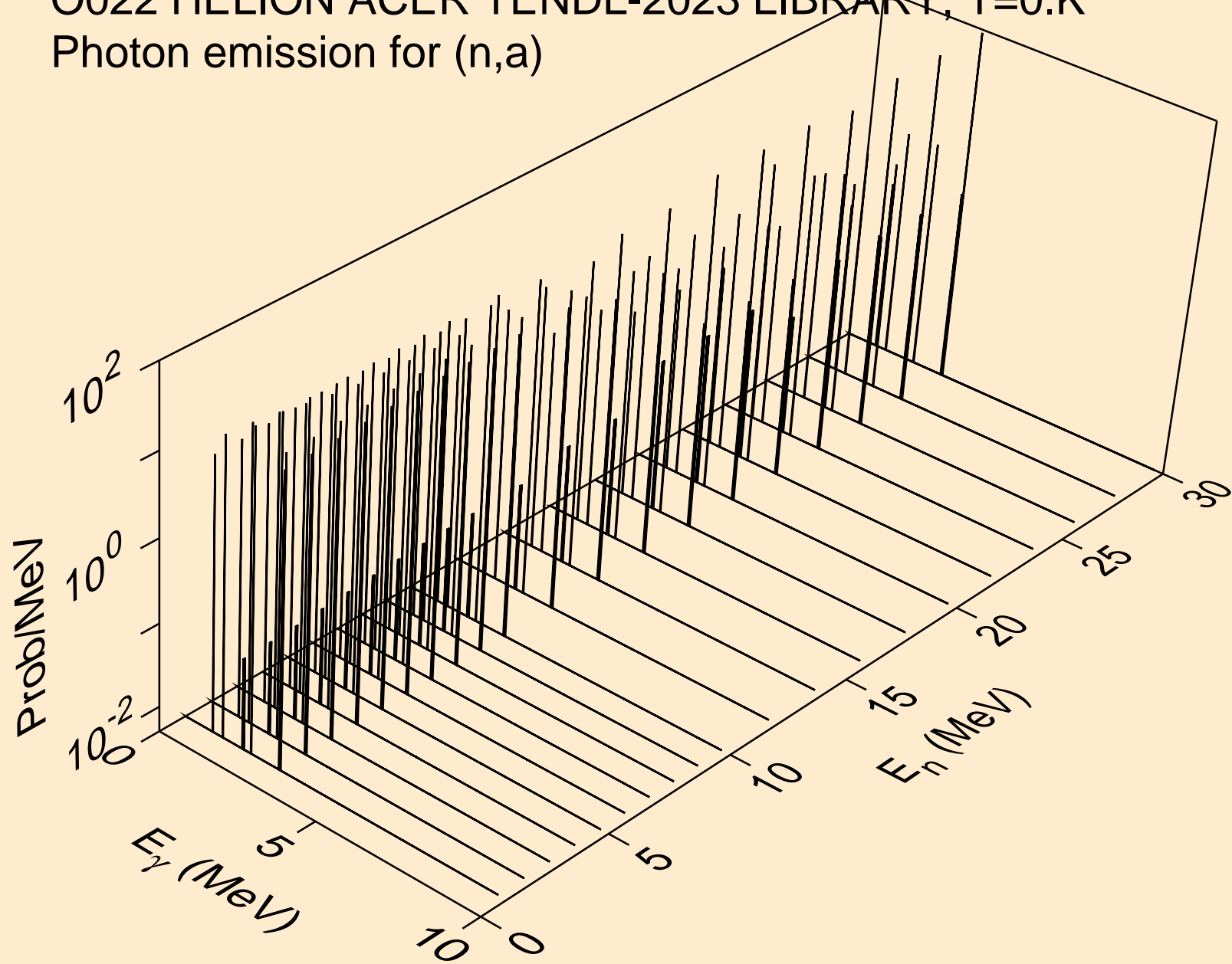
Photon emission for (n,t)



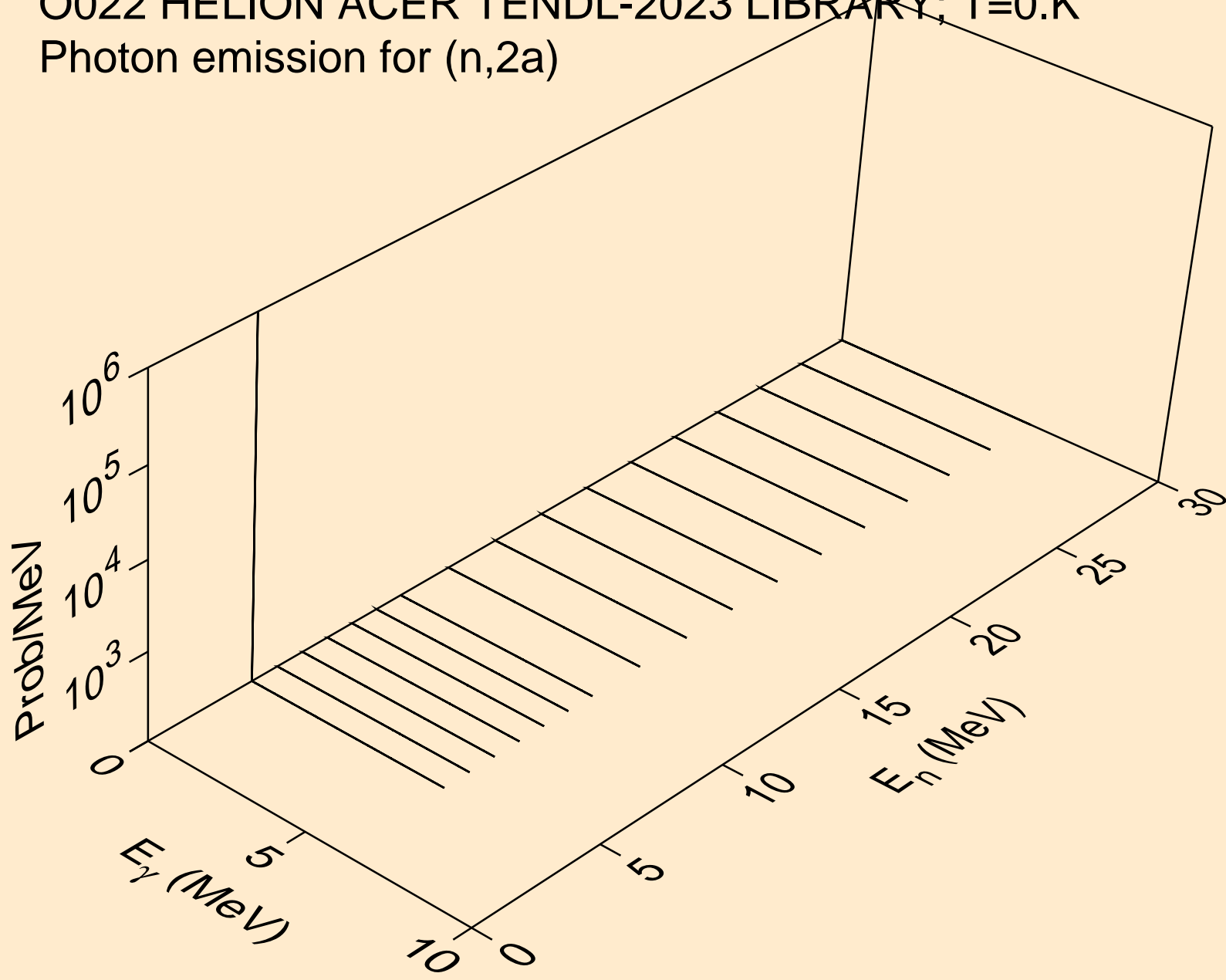
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



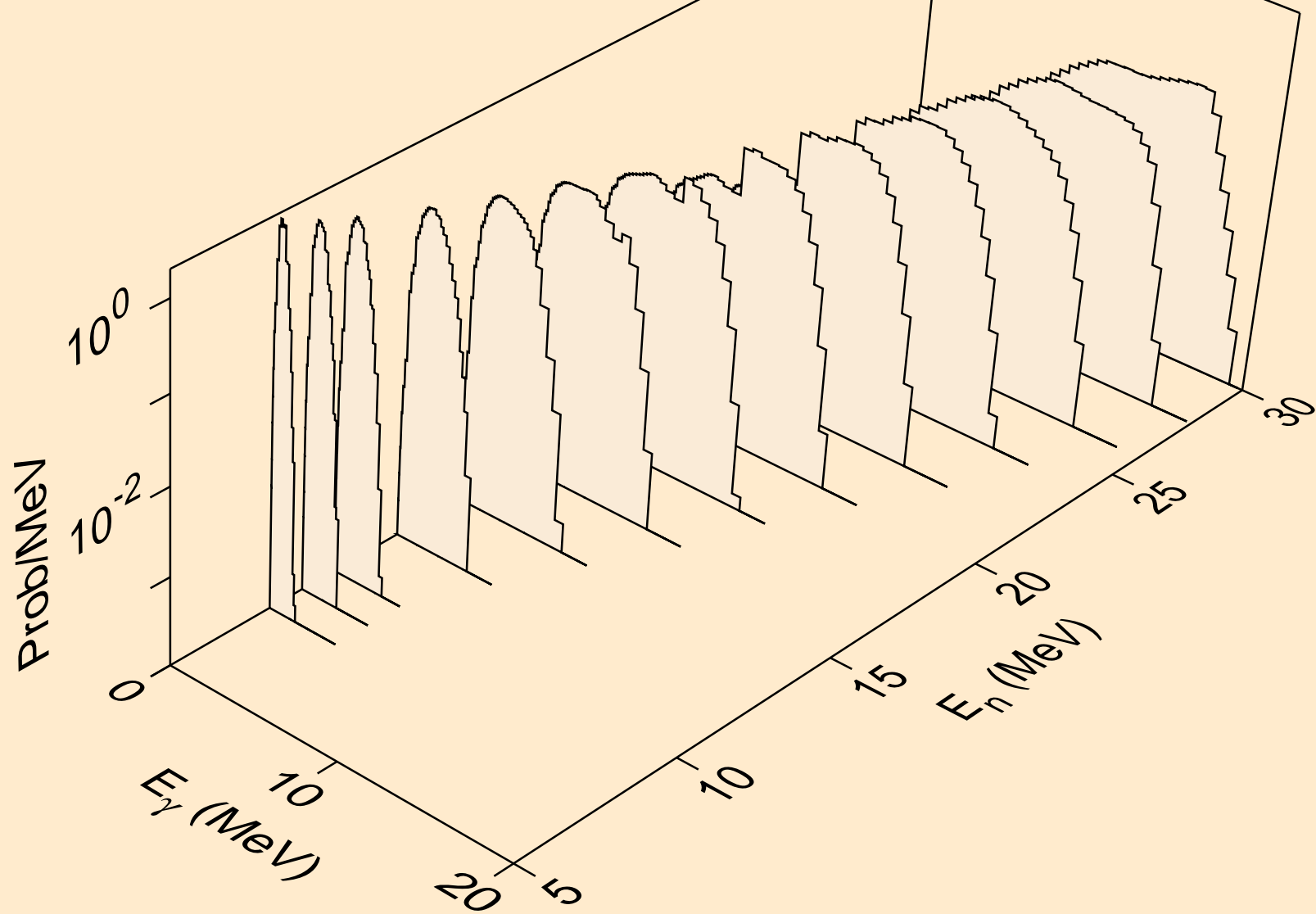
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Photon emission for (n,a)



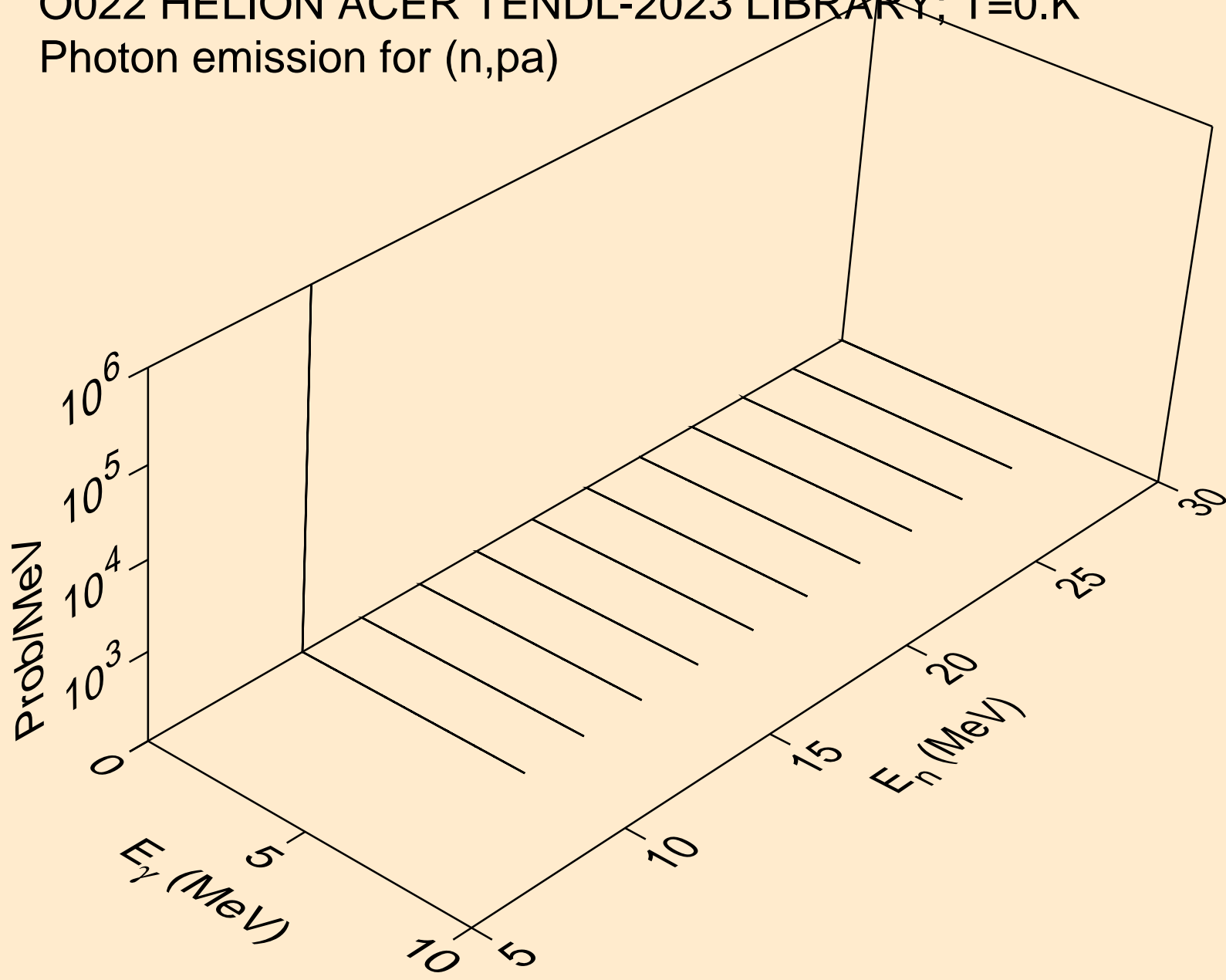
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Photon emission for (n,2a)



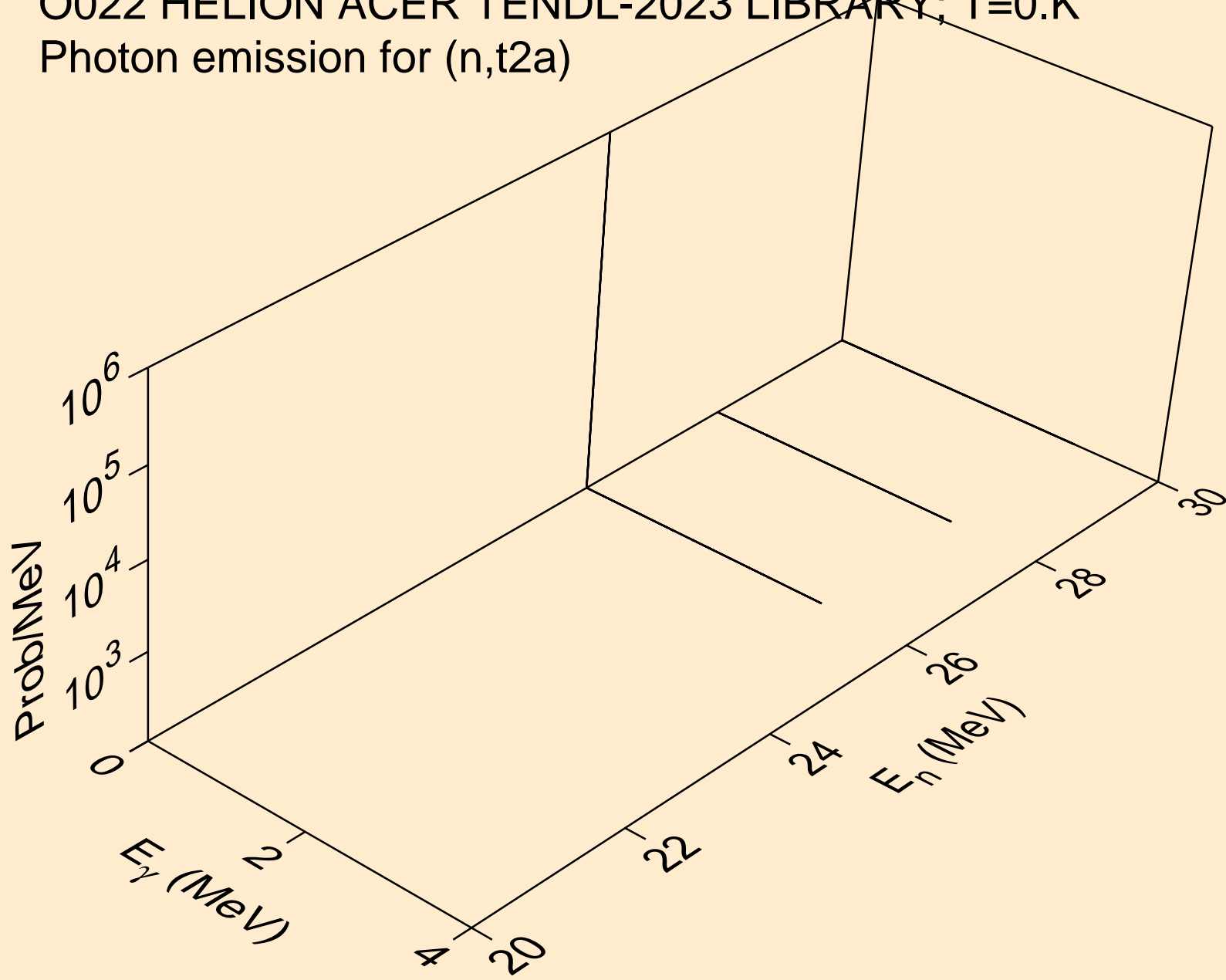
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Photon emission for (n,2p)



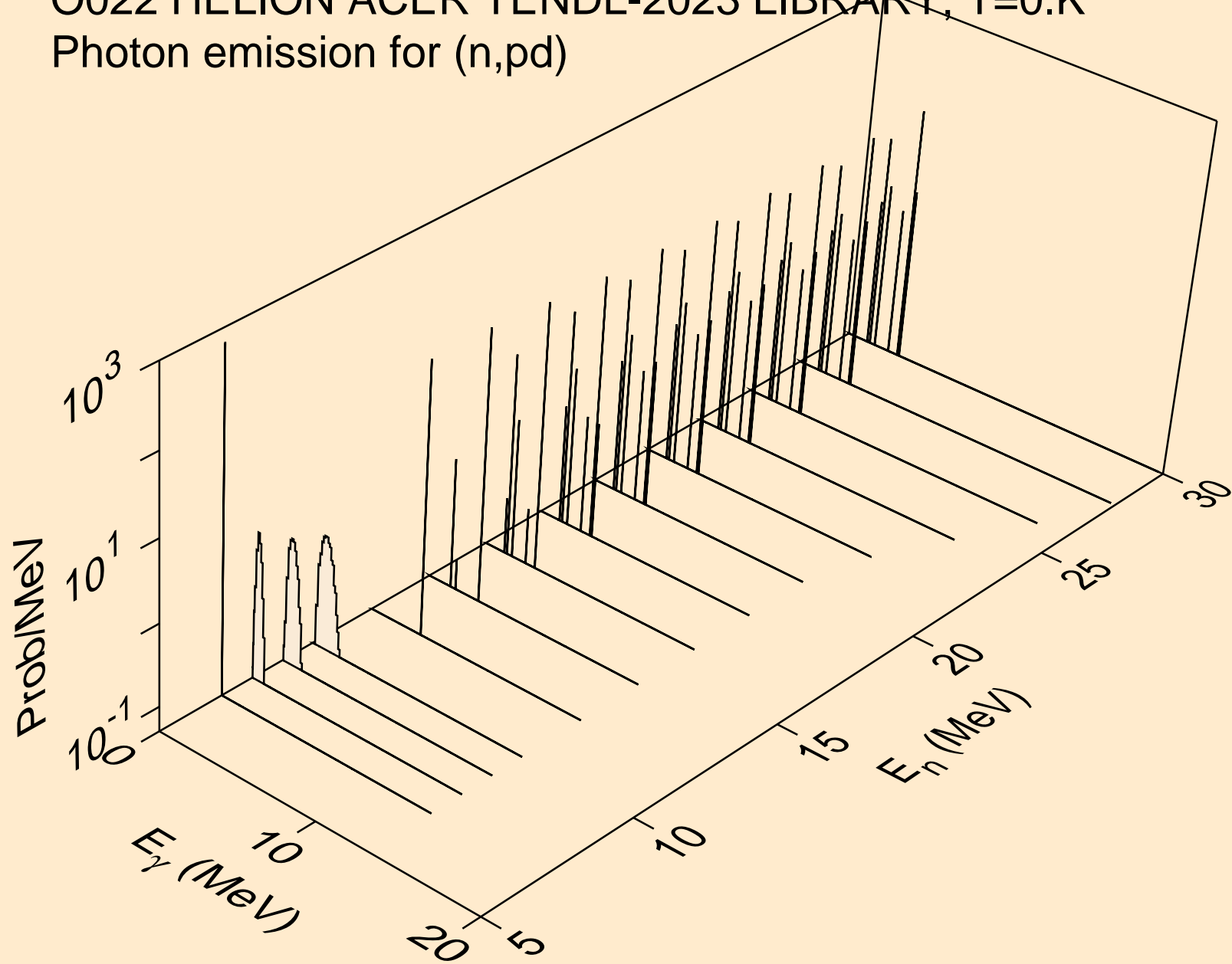
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Photon emission for (n,p α)



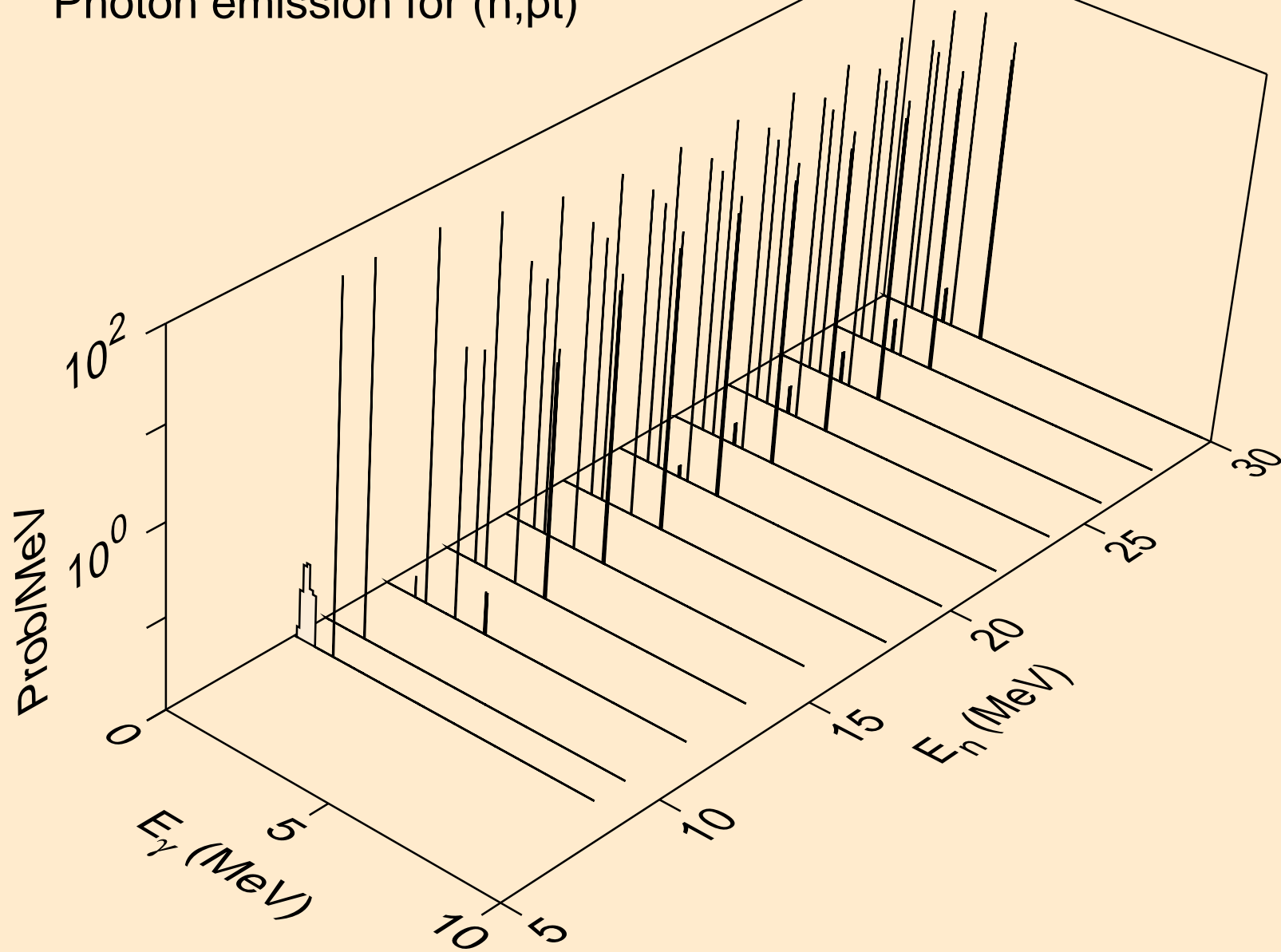
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Photon emission for (n,t2a)



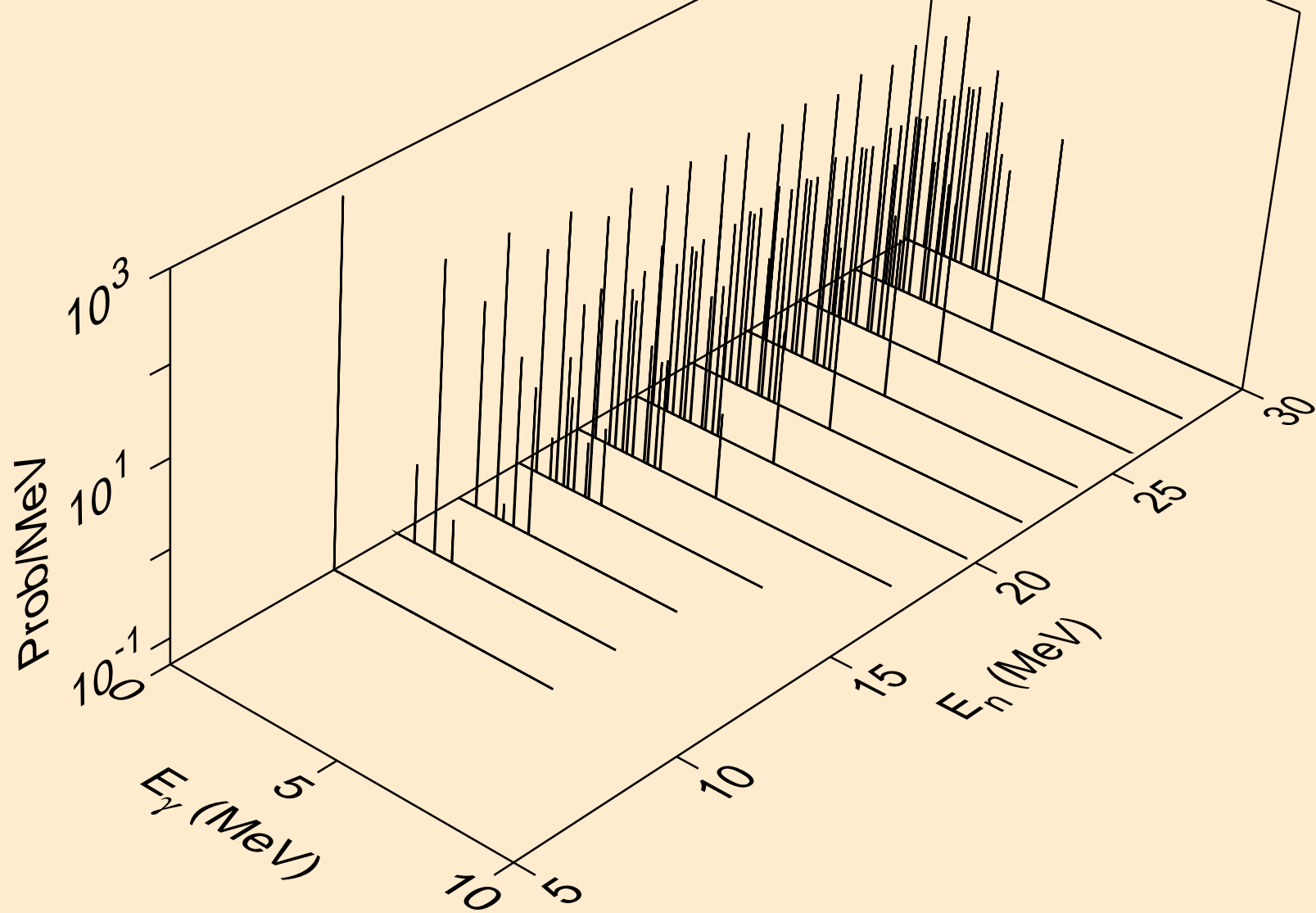
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Photon emission for (n,pd)



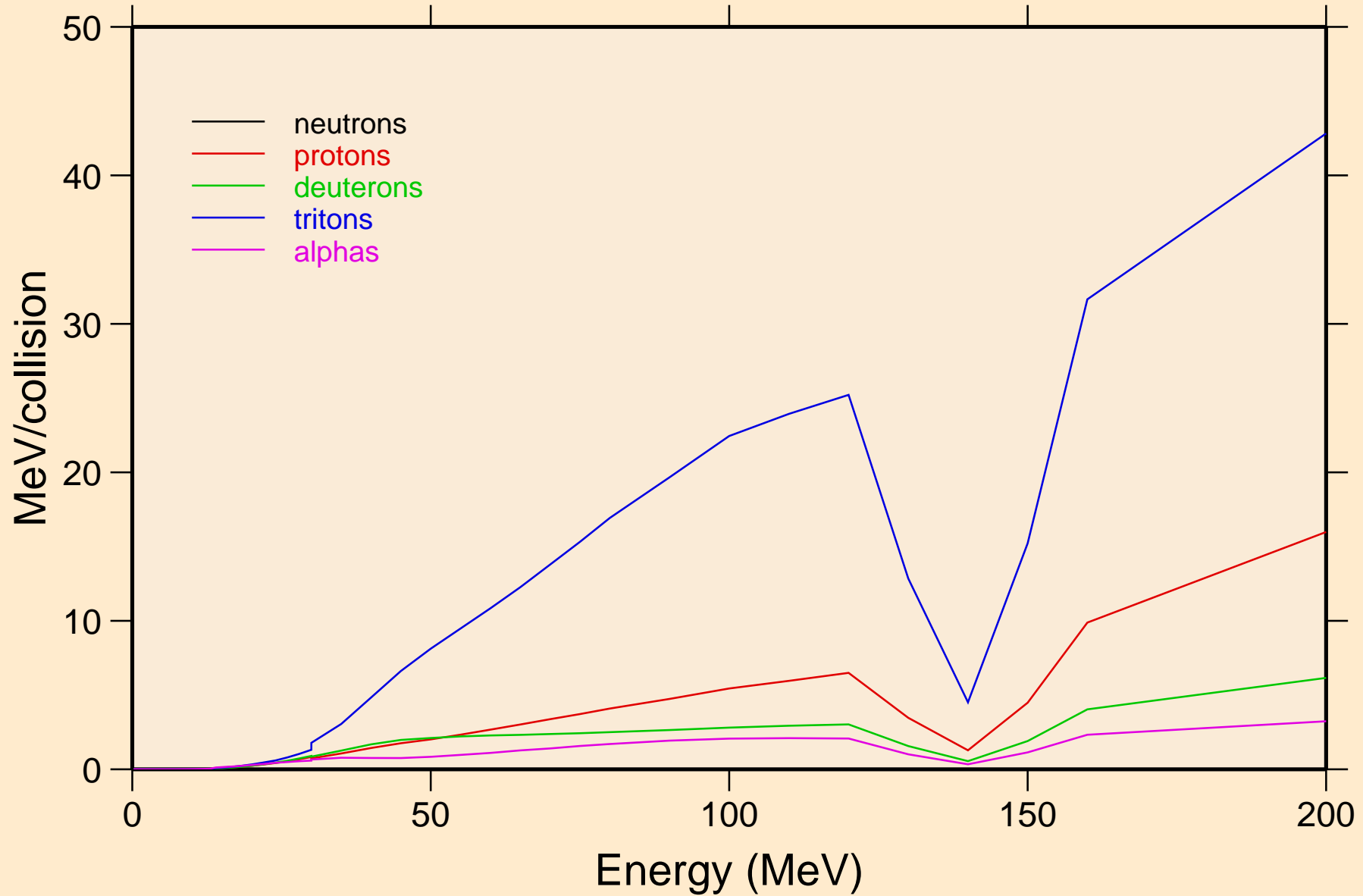
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Photon emission for (n,pt)



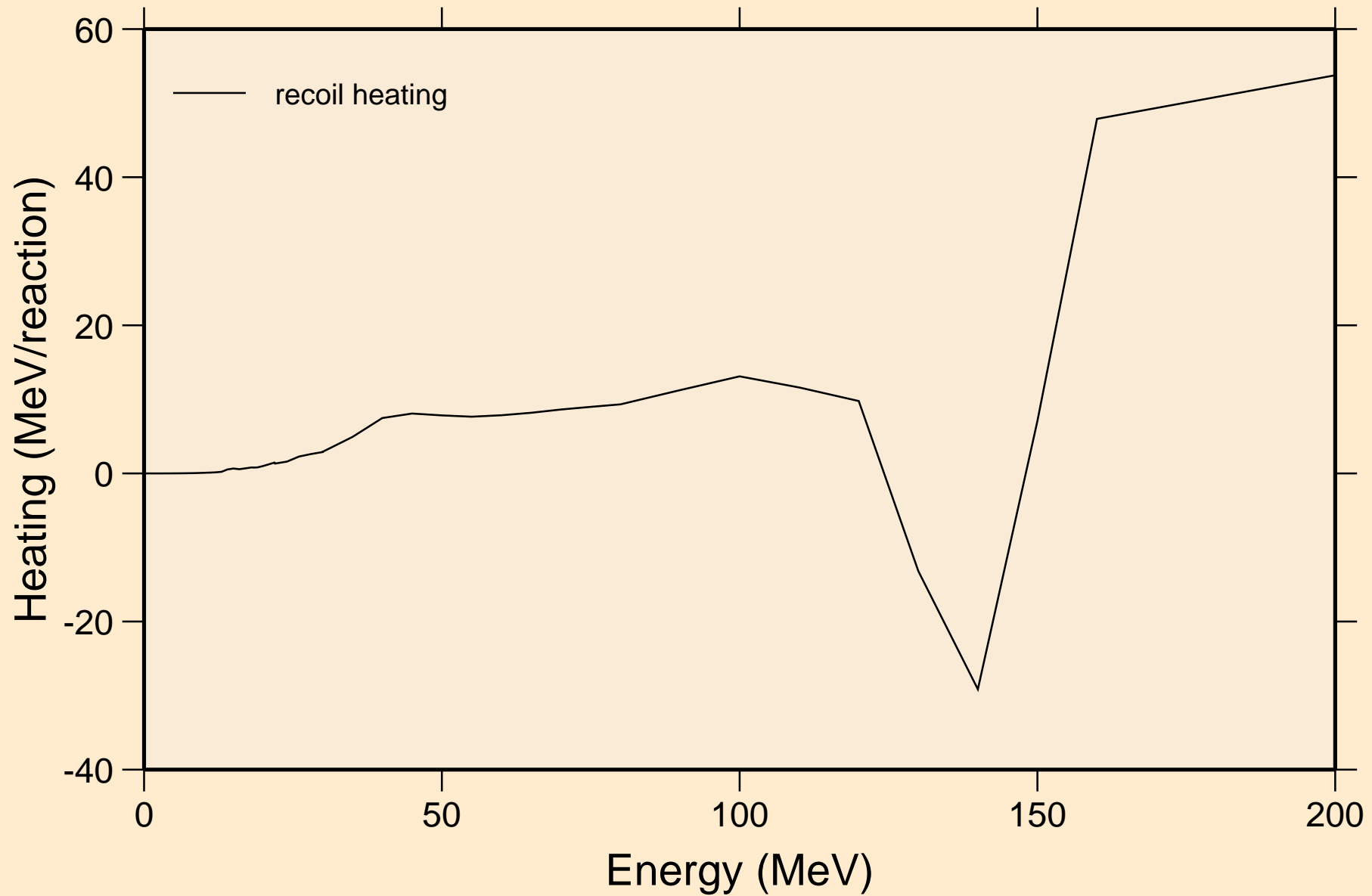
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Photon emission for (n,da)



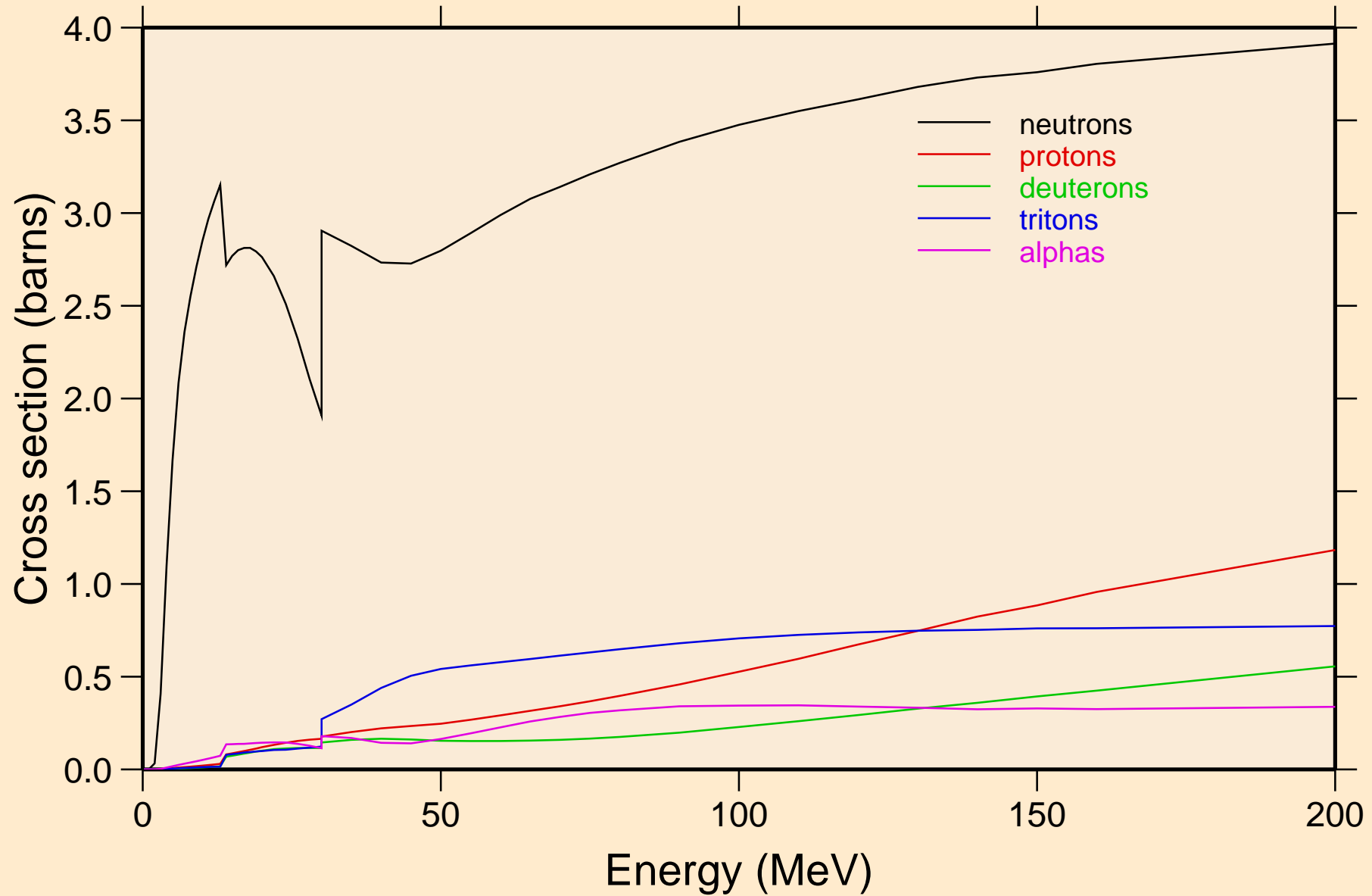
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Particle heating contributions



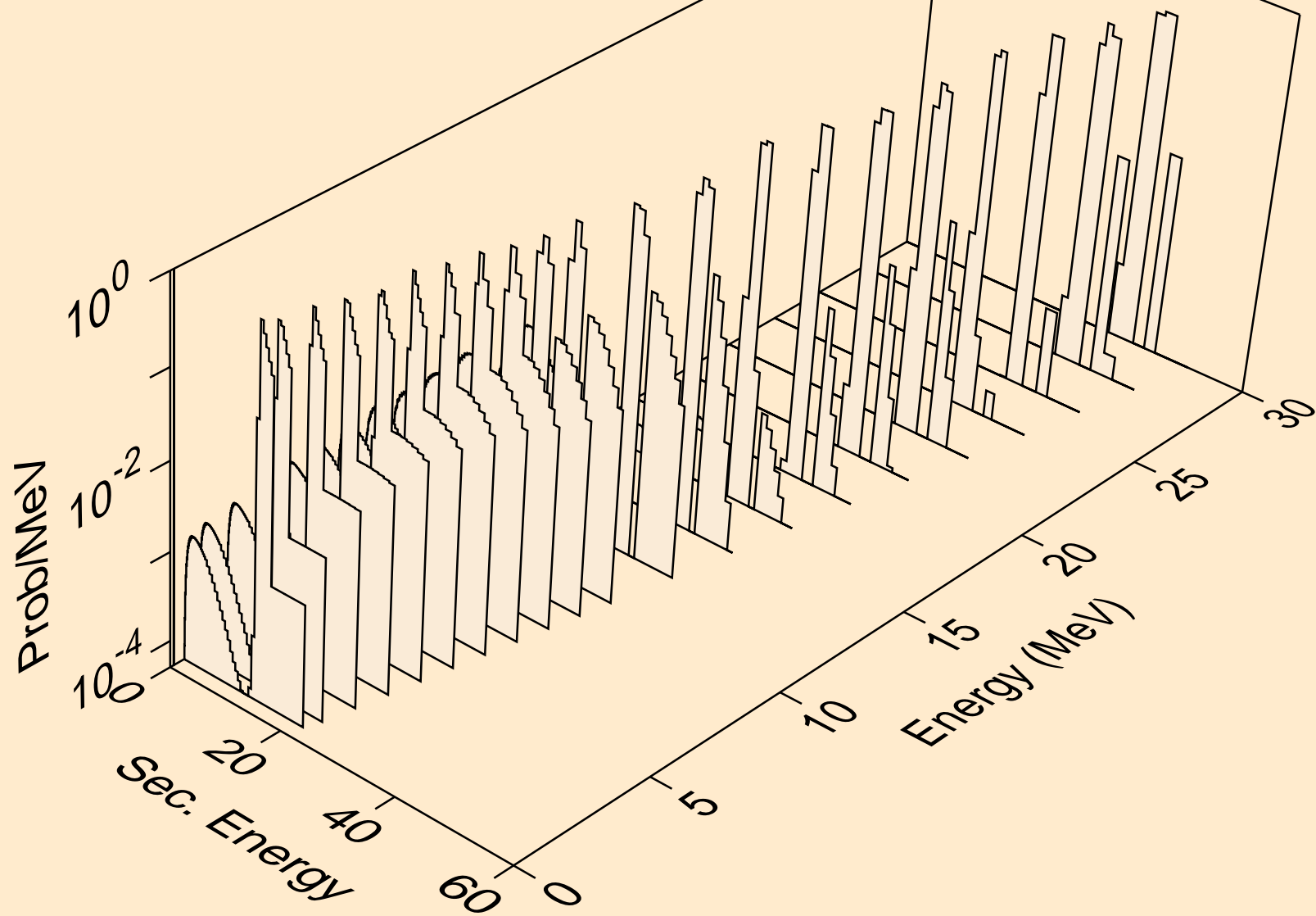
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Recoil Heating



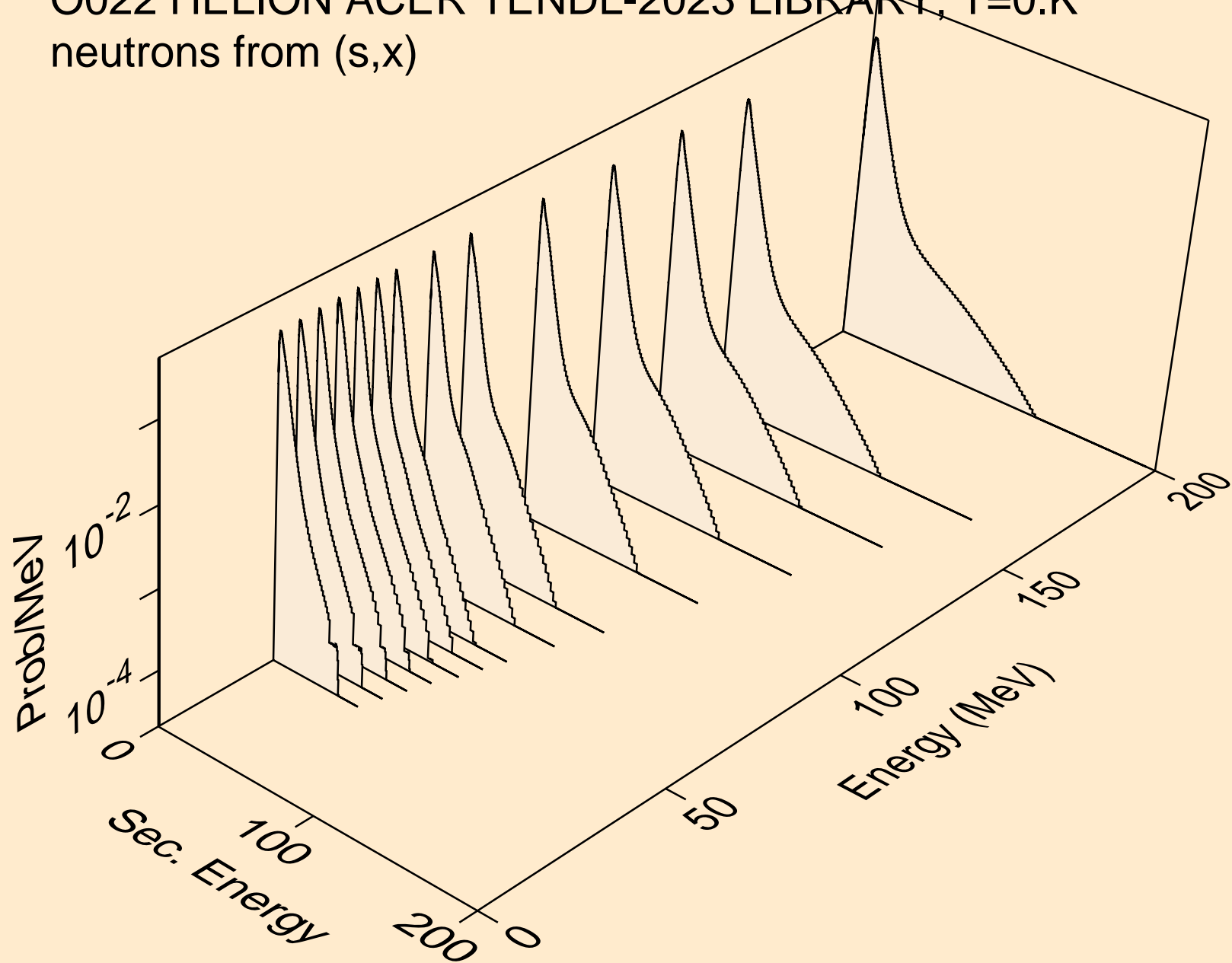
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



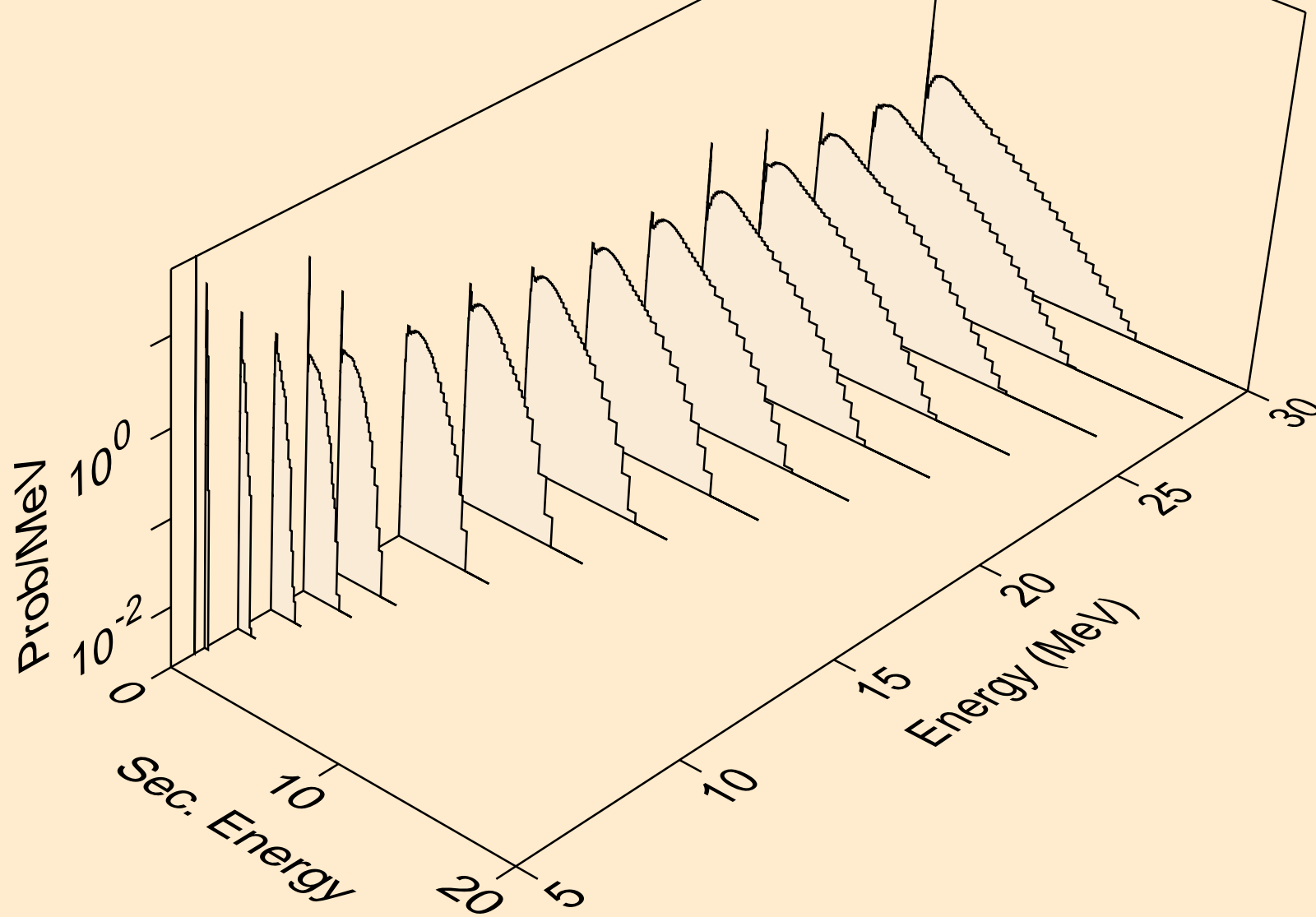
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n)



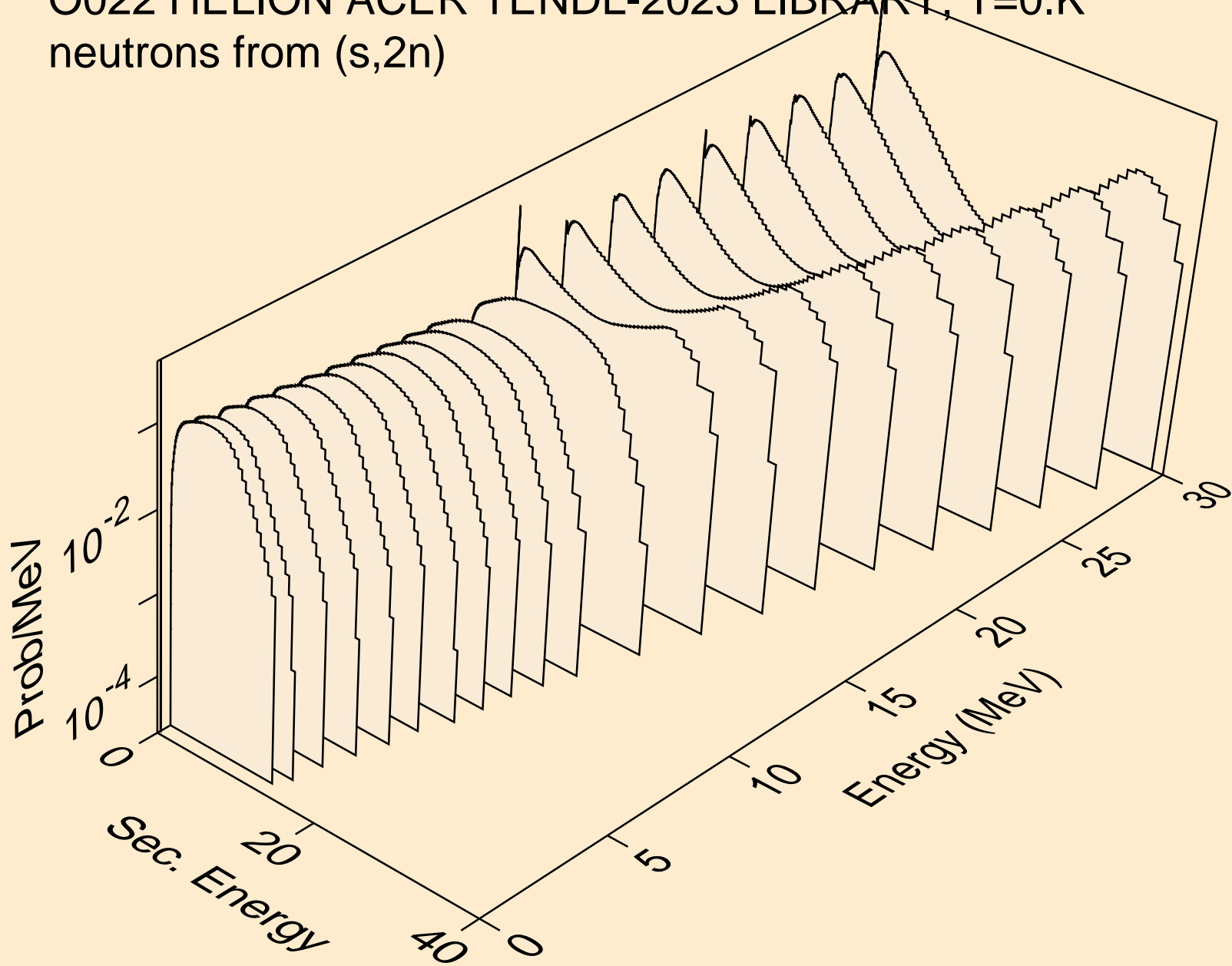
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,x)



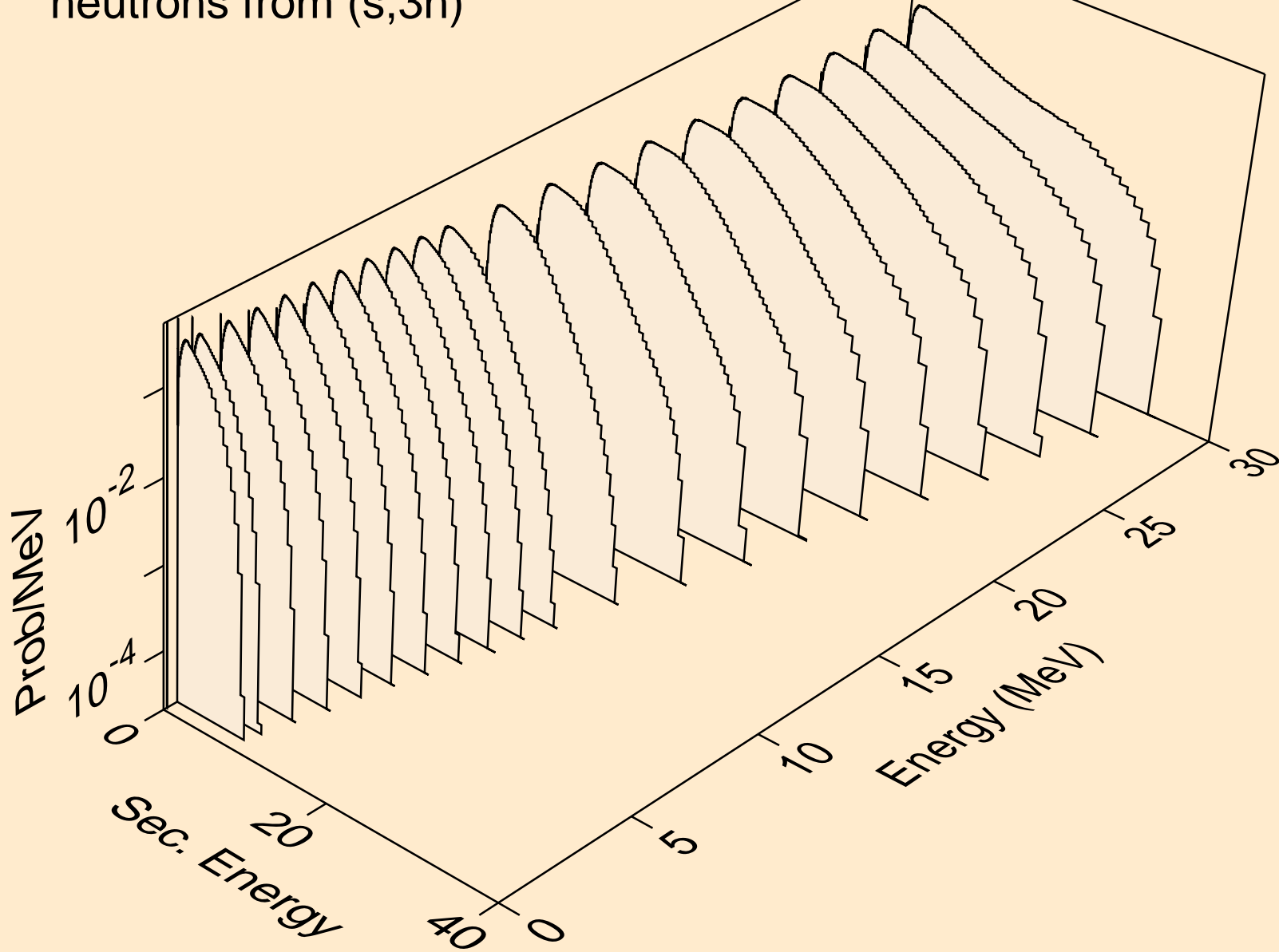
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neutrons from (s,2nd)



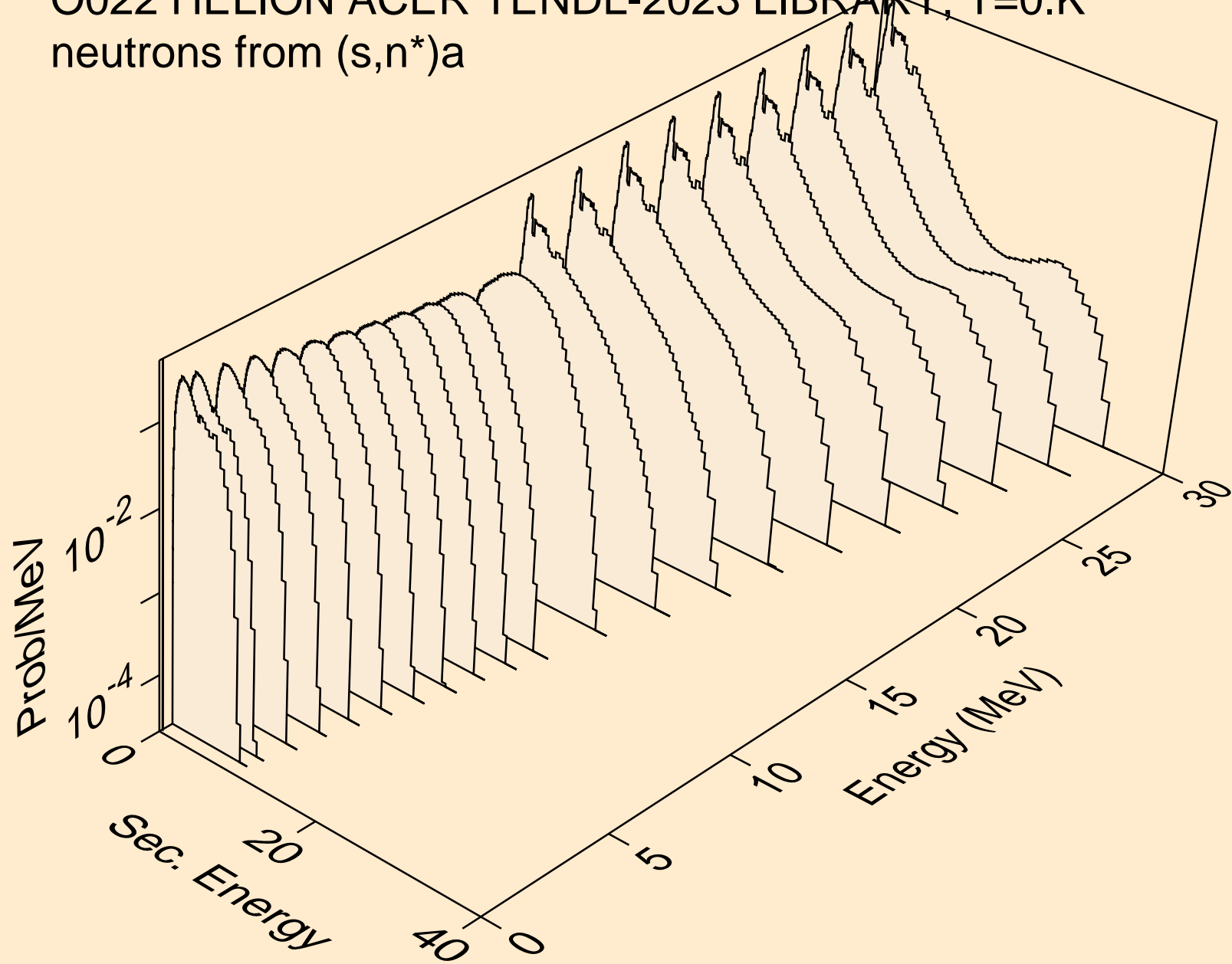
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neutrons from (s,2n)



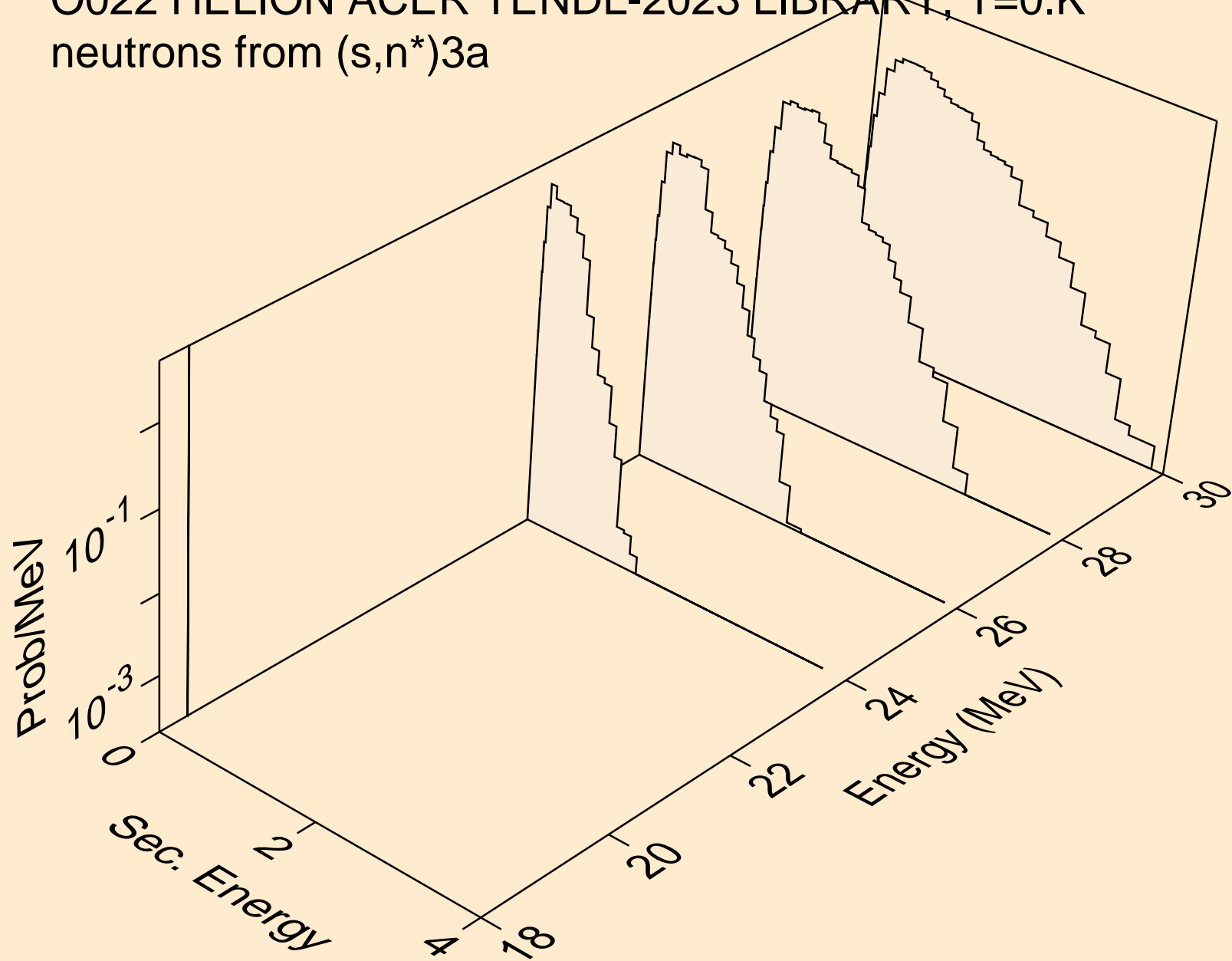
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neutrons from (s,3n)



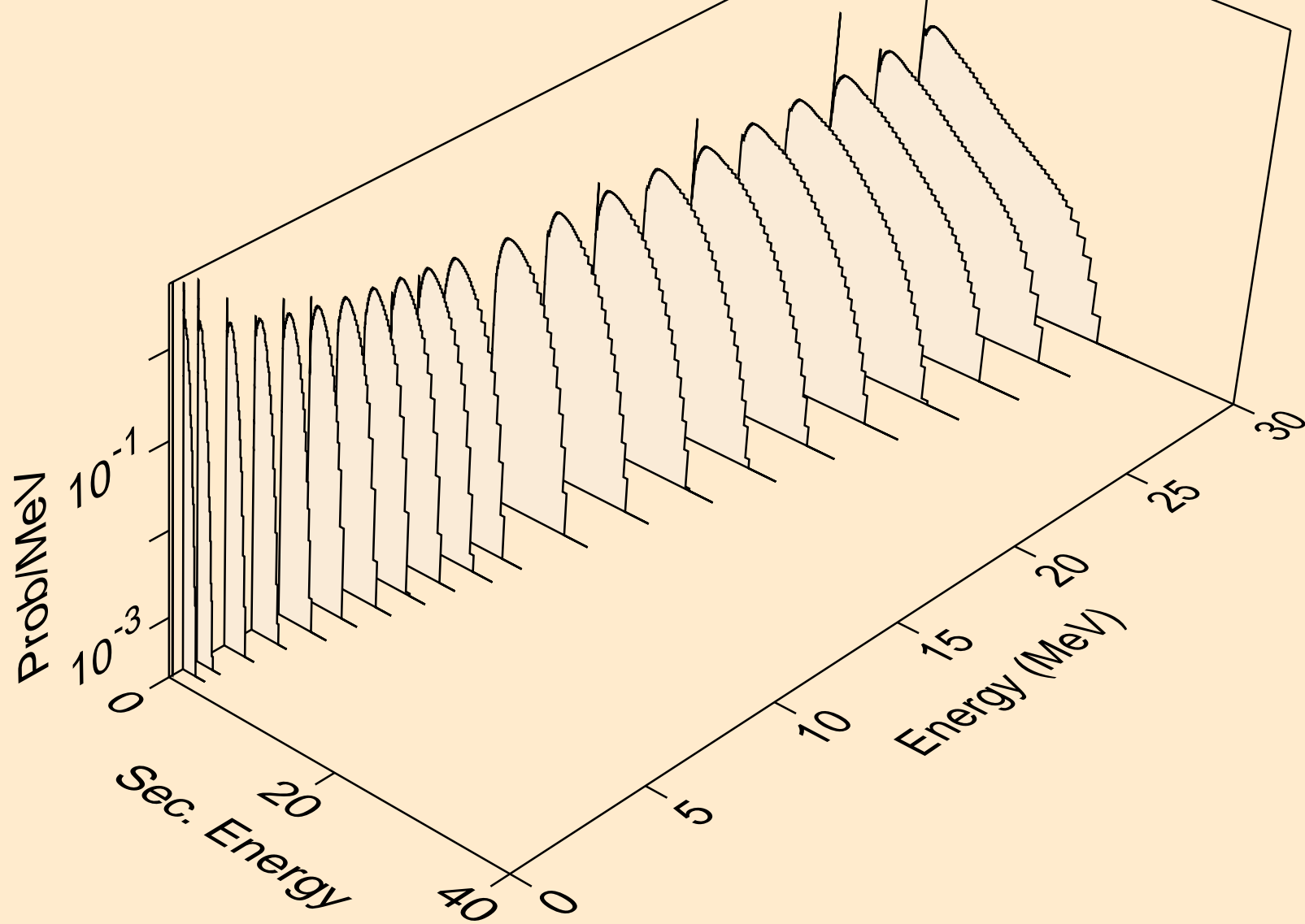
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neutrons from (s,n*)a



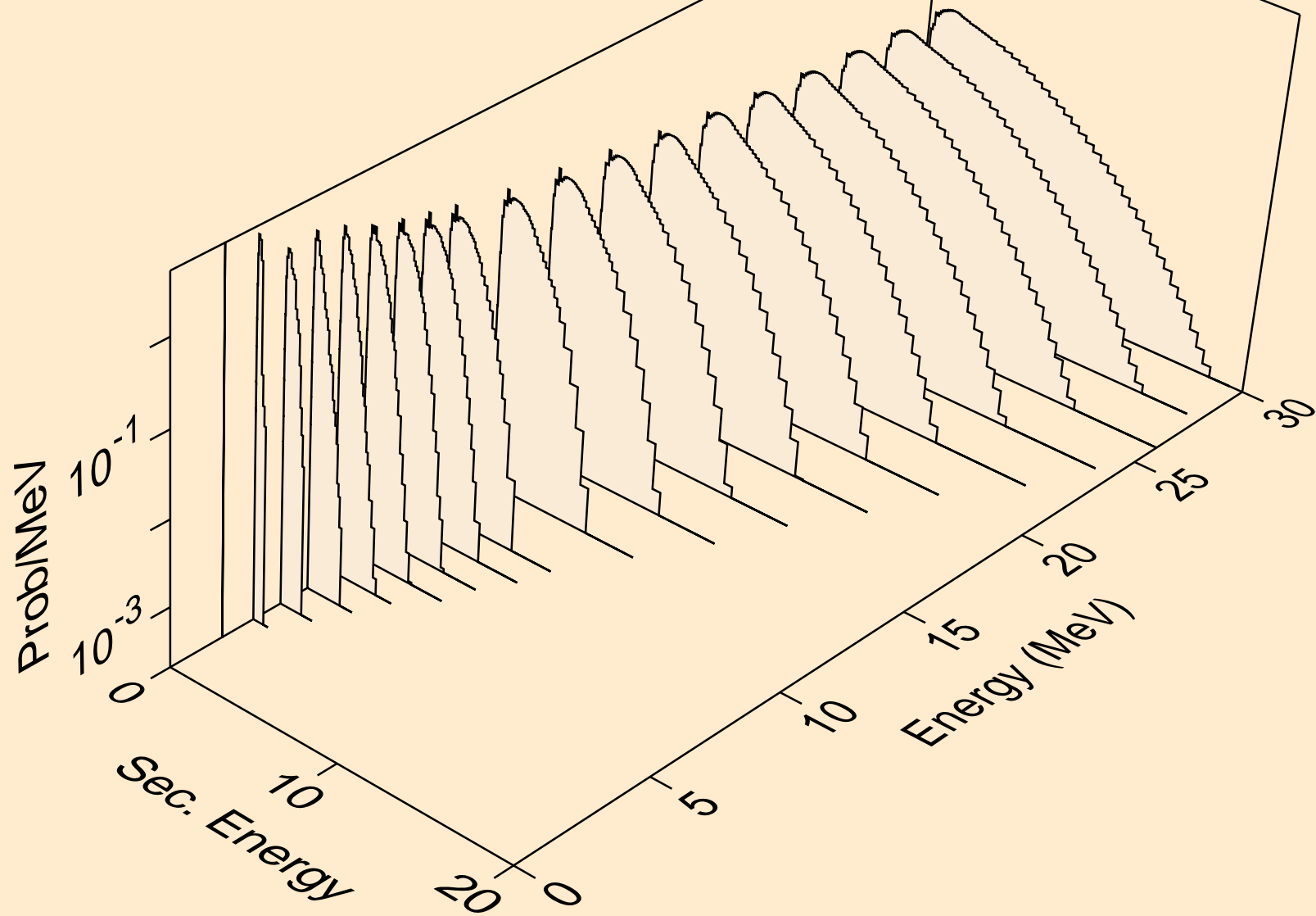
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neutrons from (s,n*)3a



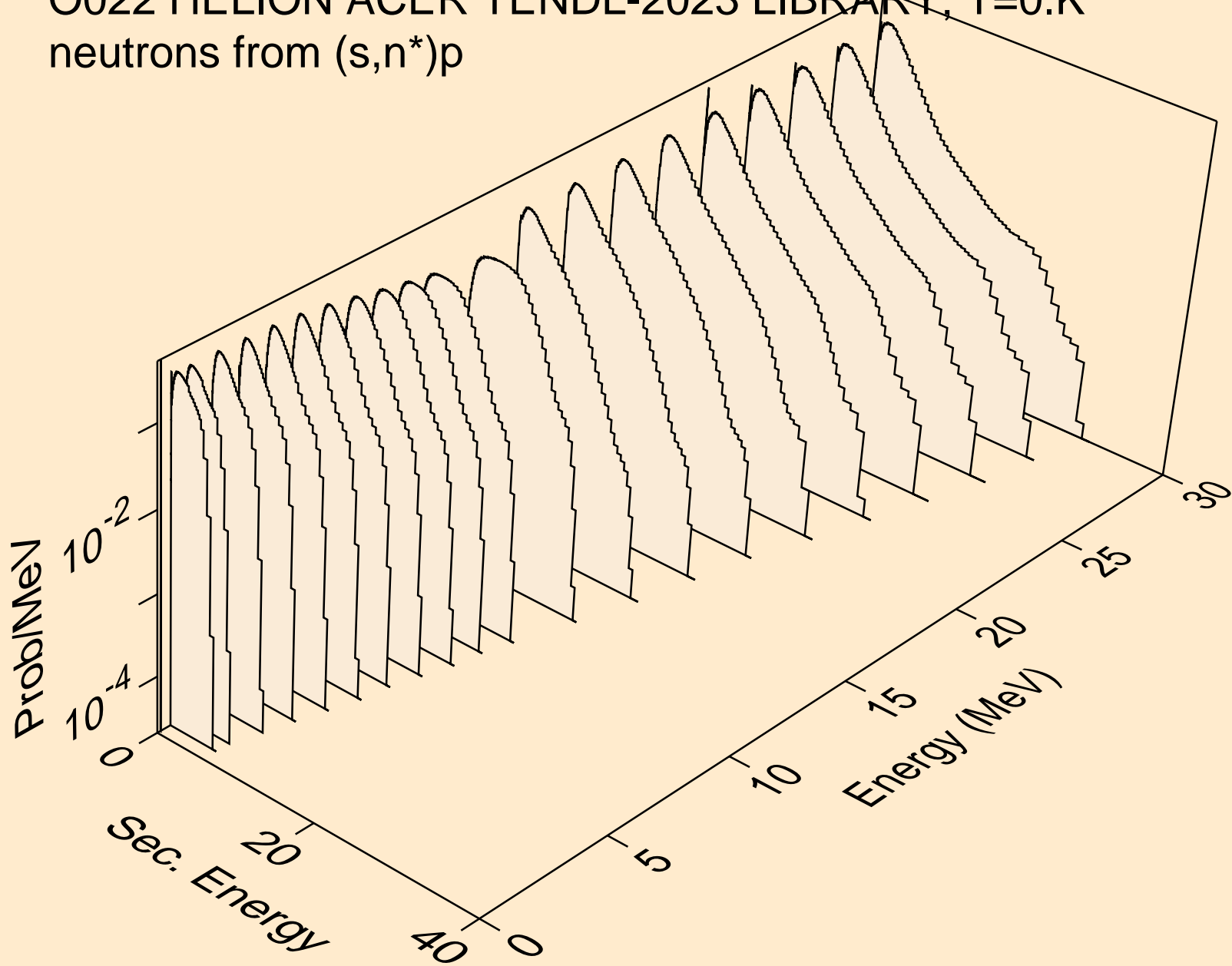
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neutrons from (s,2n)a



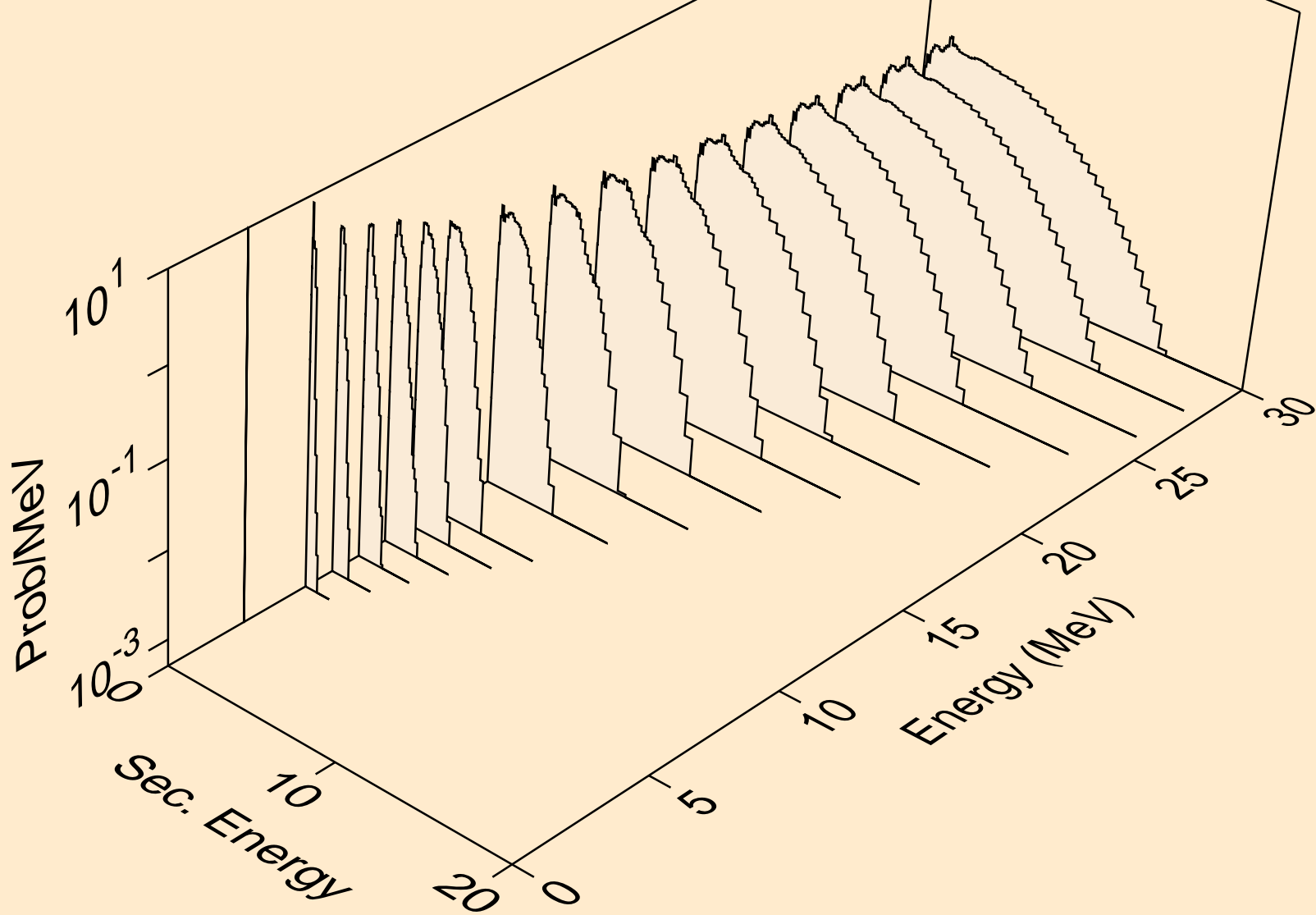
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neutrons from (s,3n)a



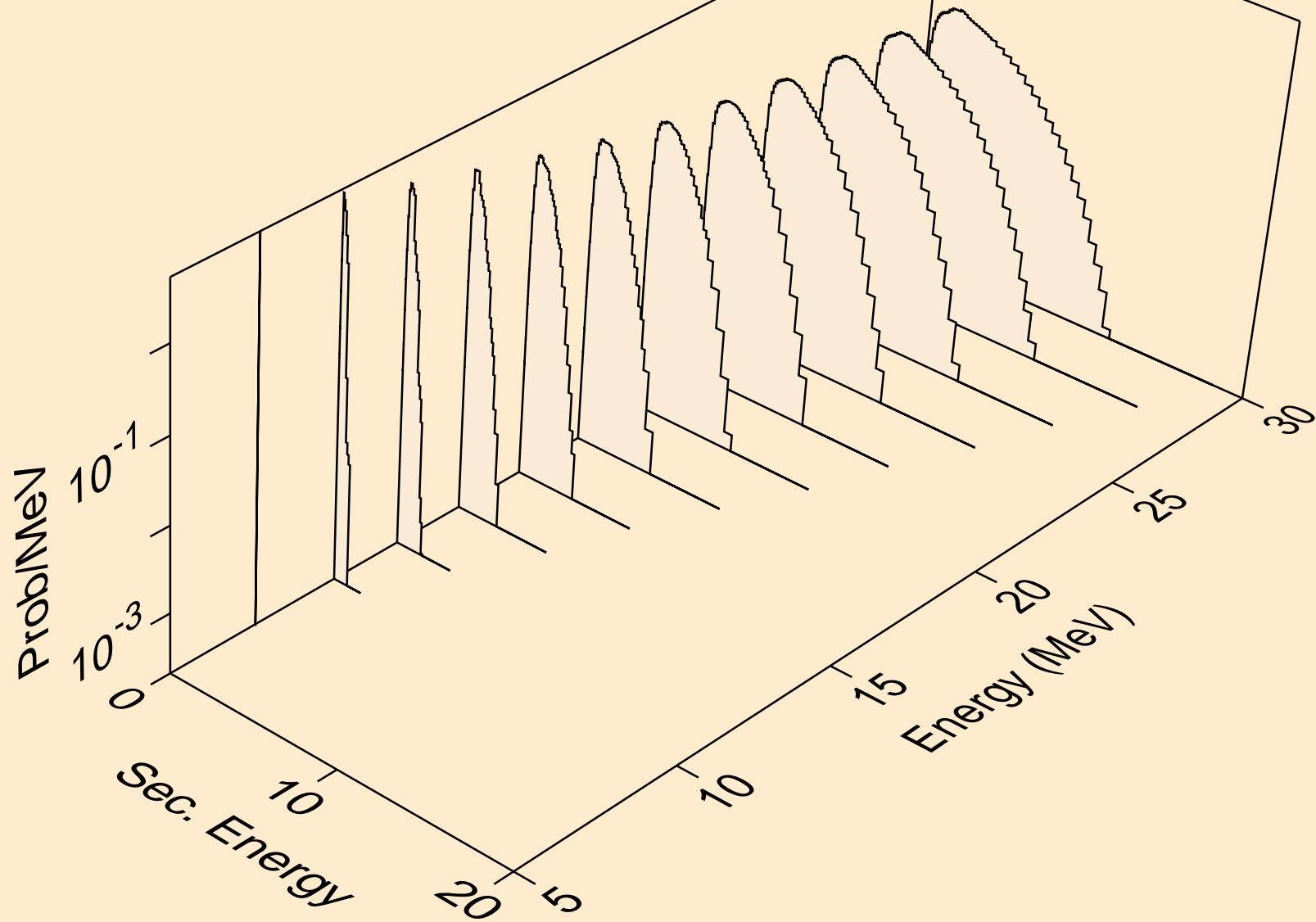
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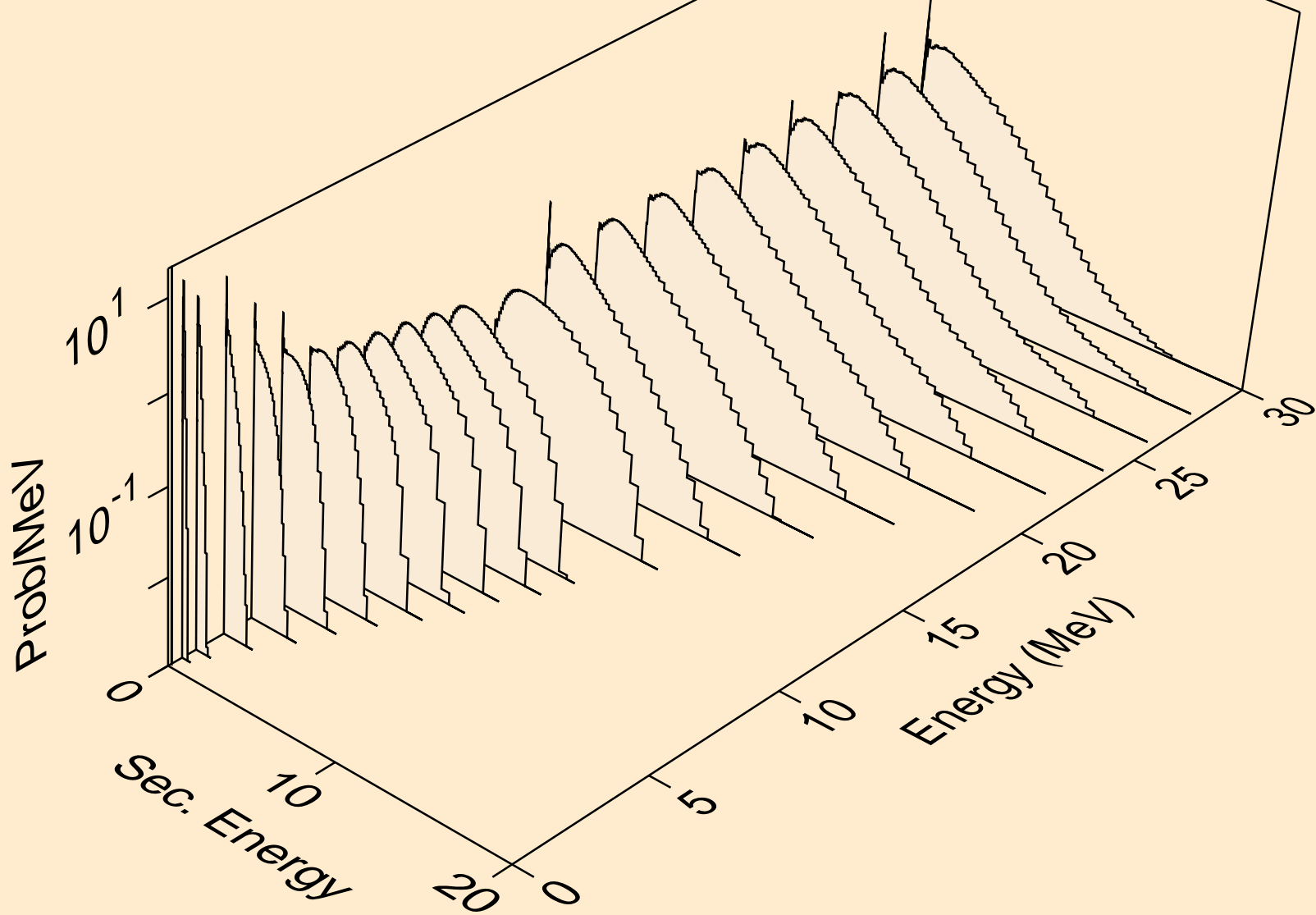
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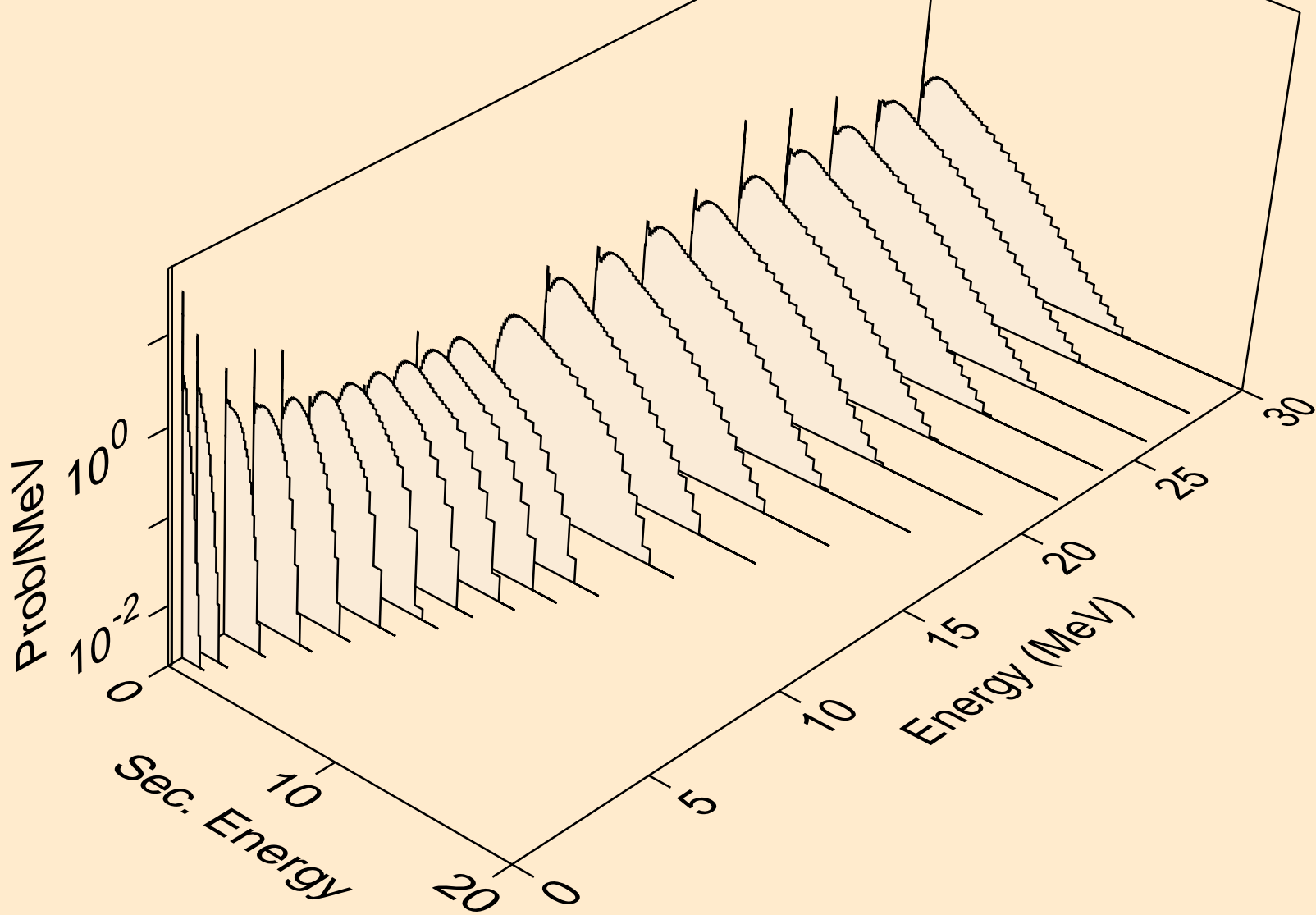
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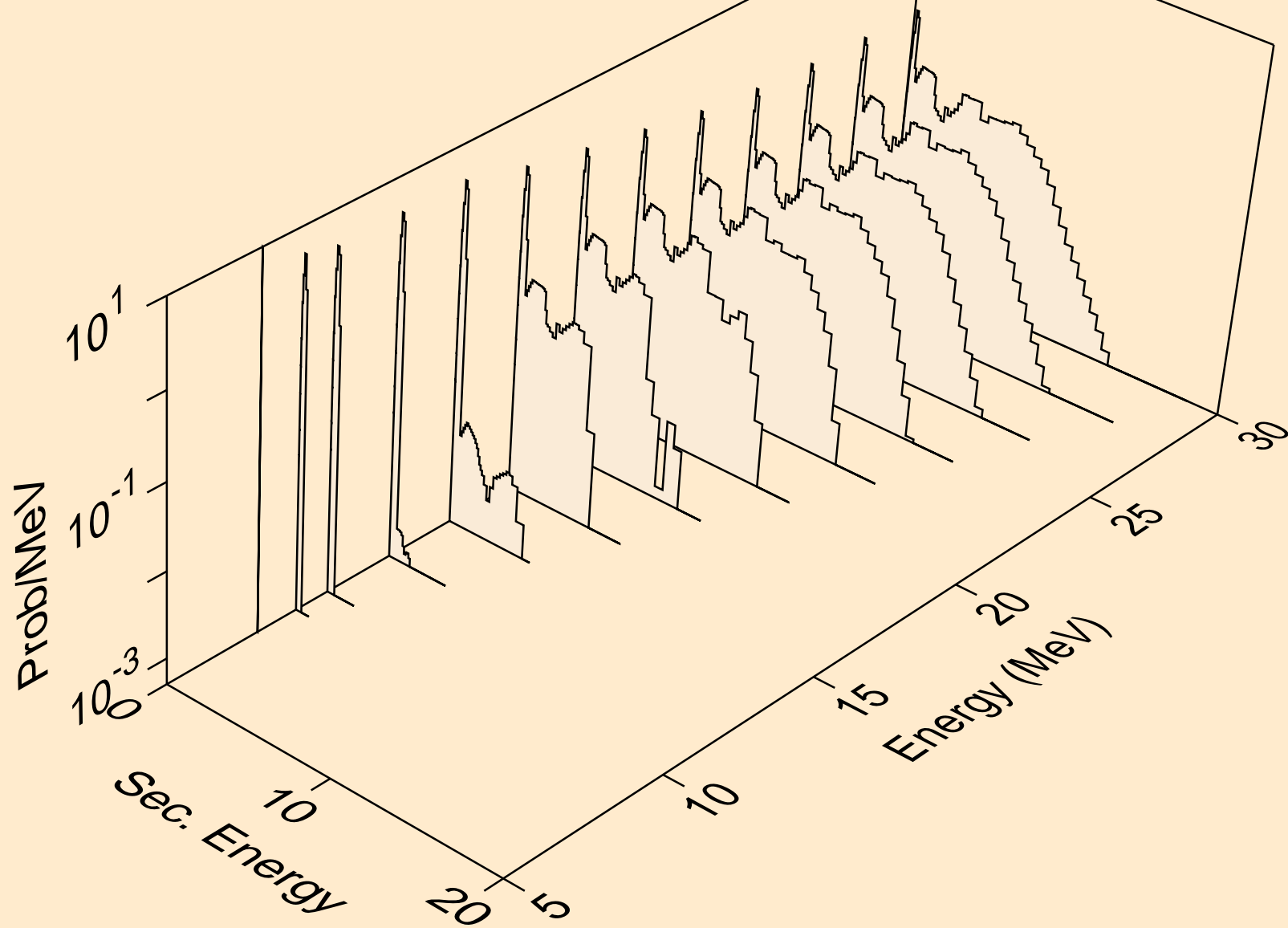
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neutrons from (s,n*)d



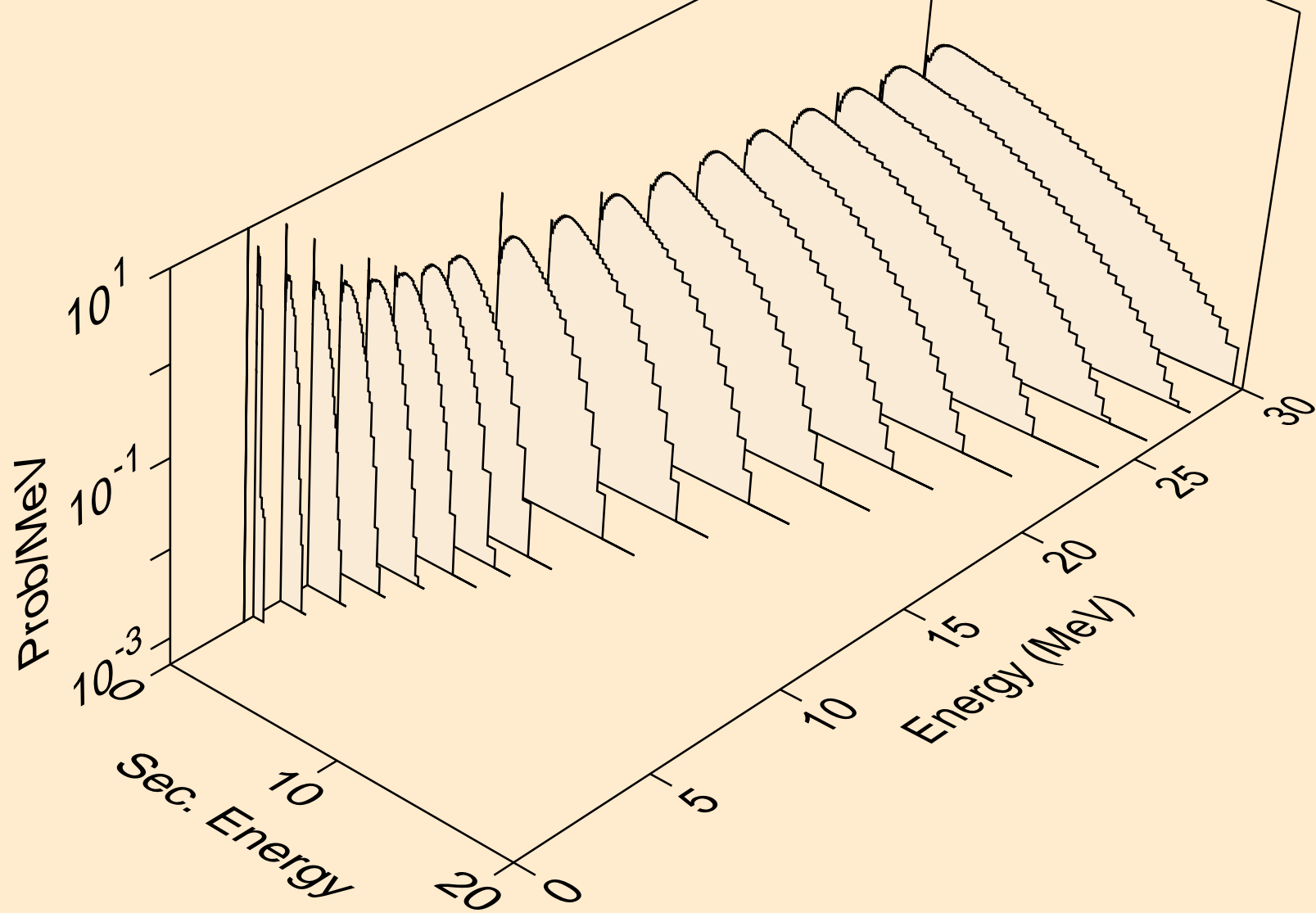
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neutrons from (s,n*)t



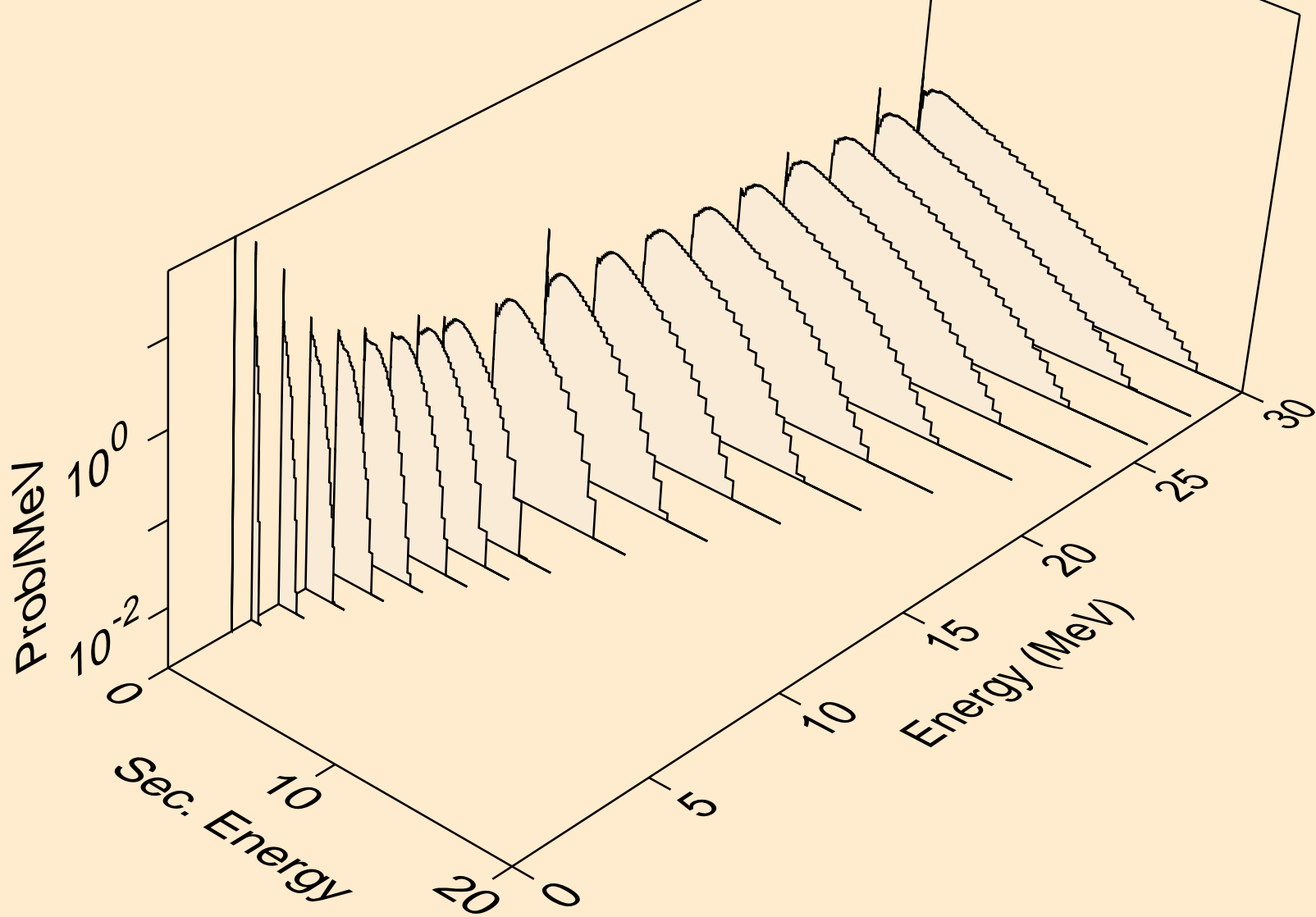
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)he3



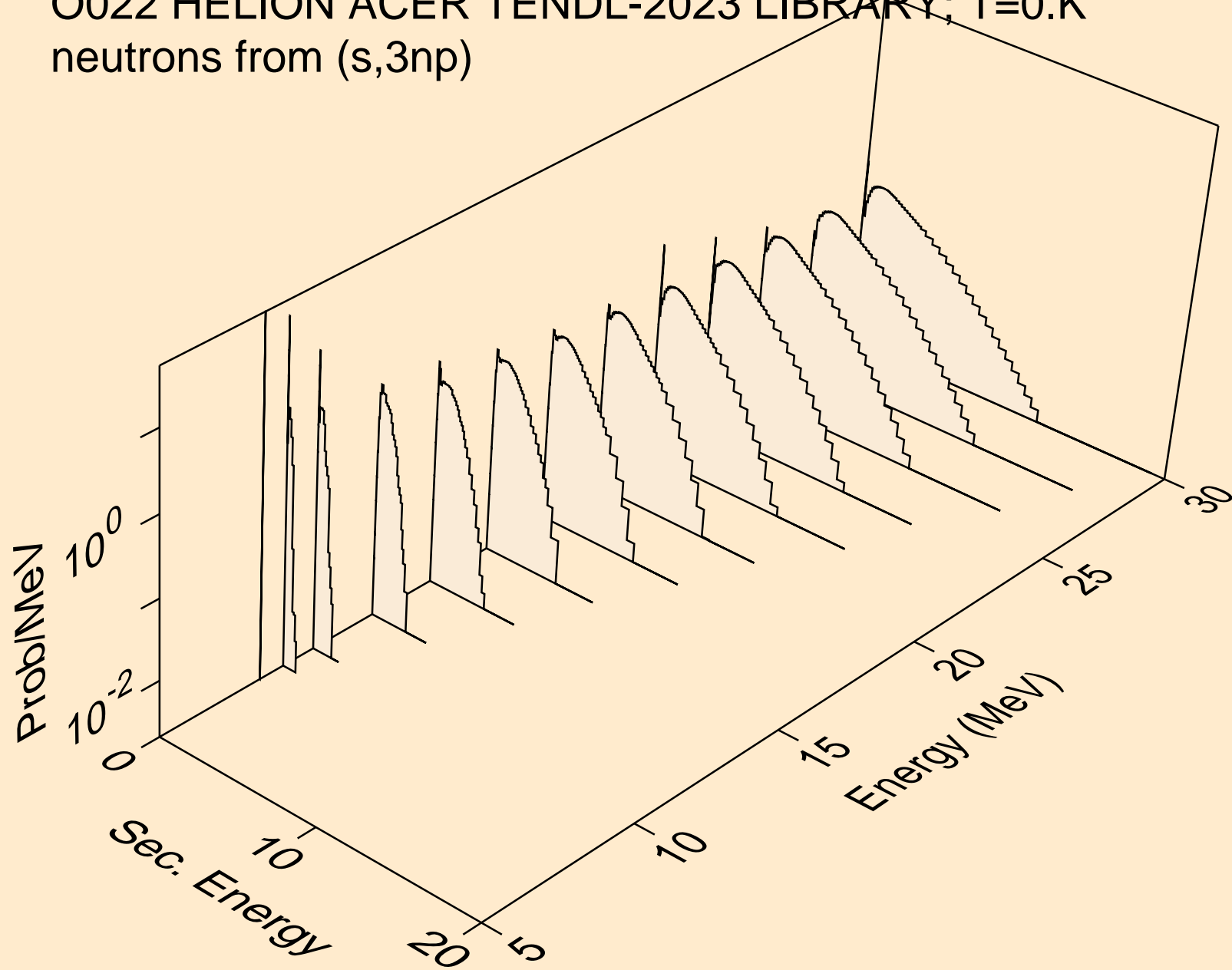
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neutrons from (s,4n)



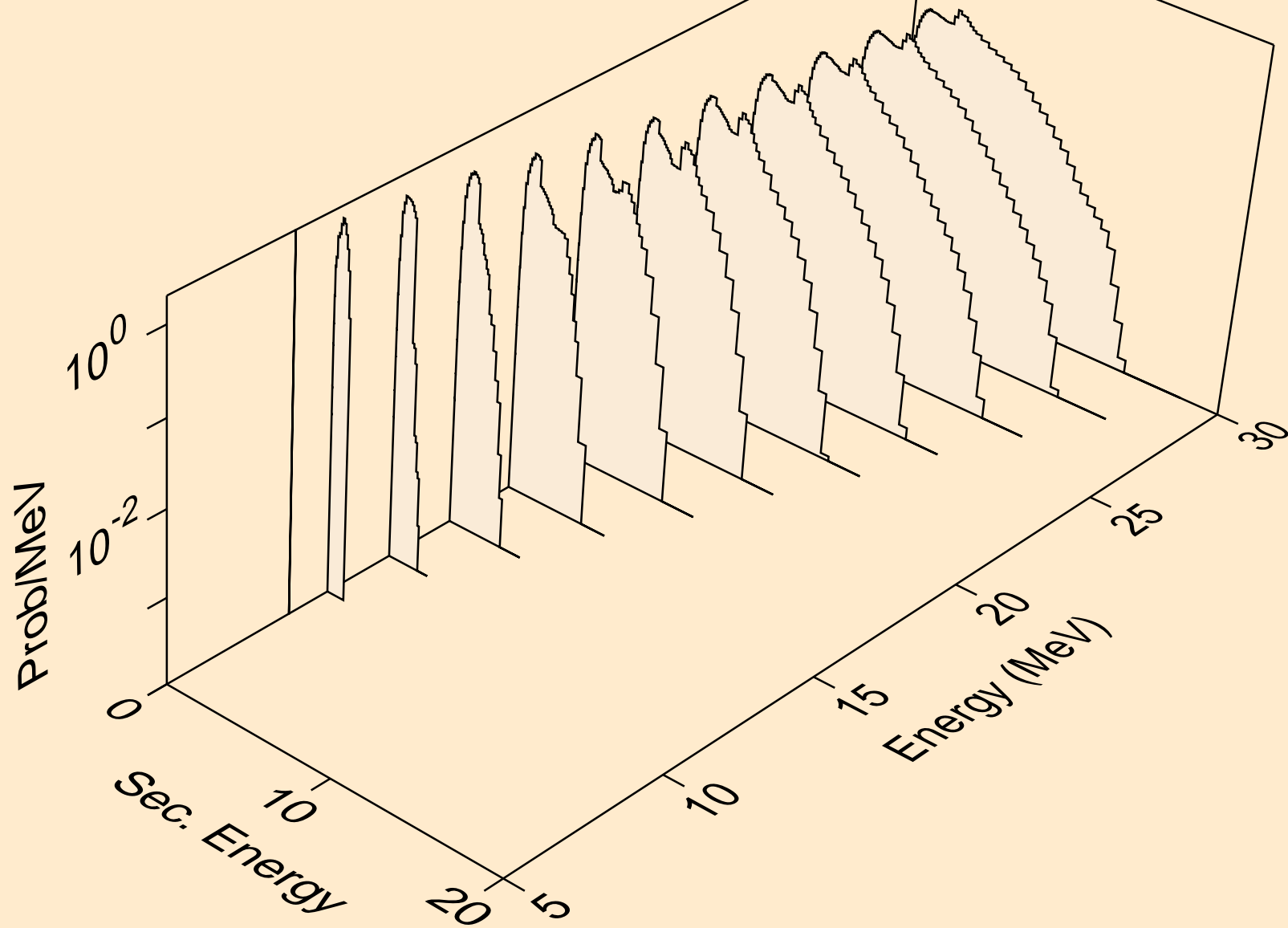
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2np)



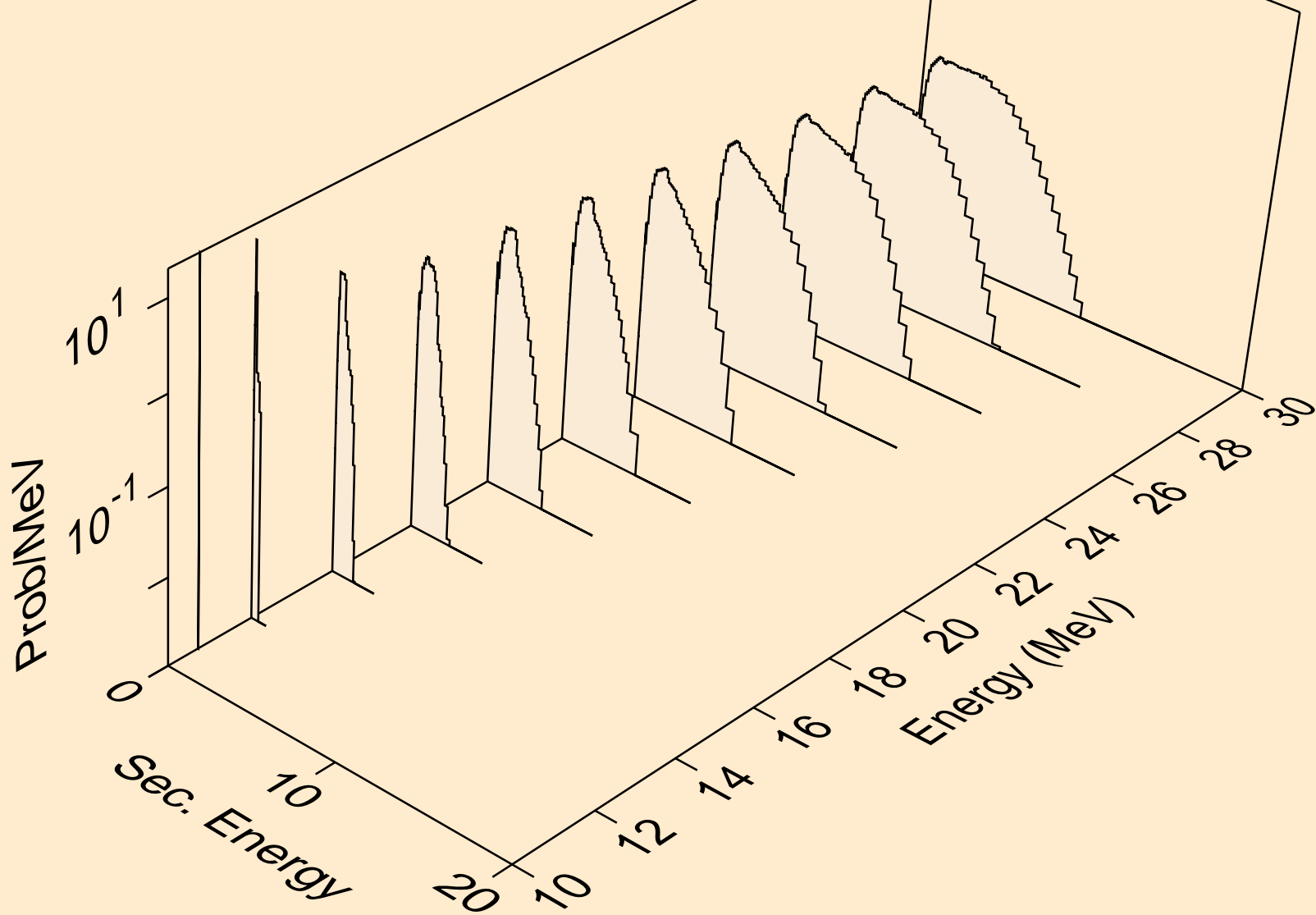
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3np)



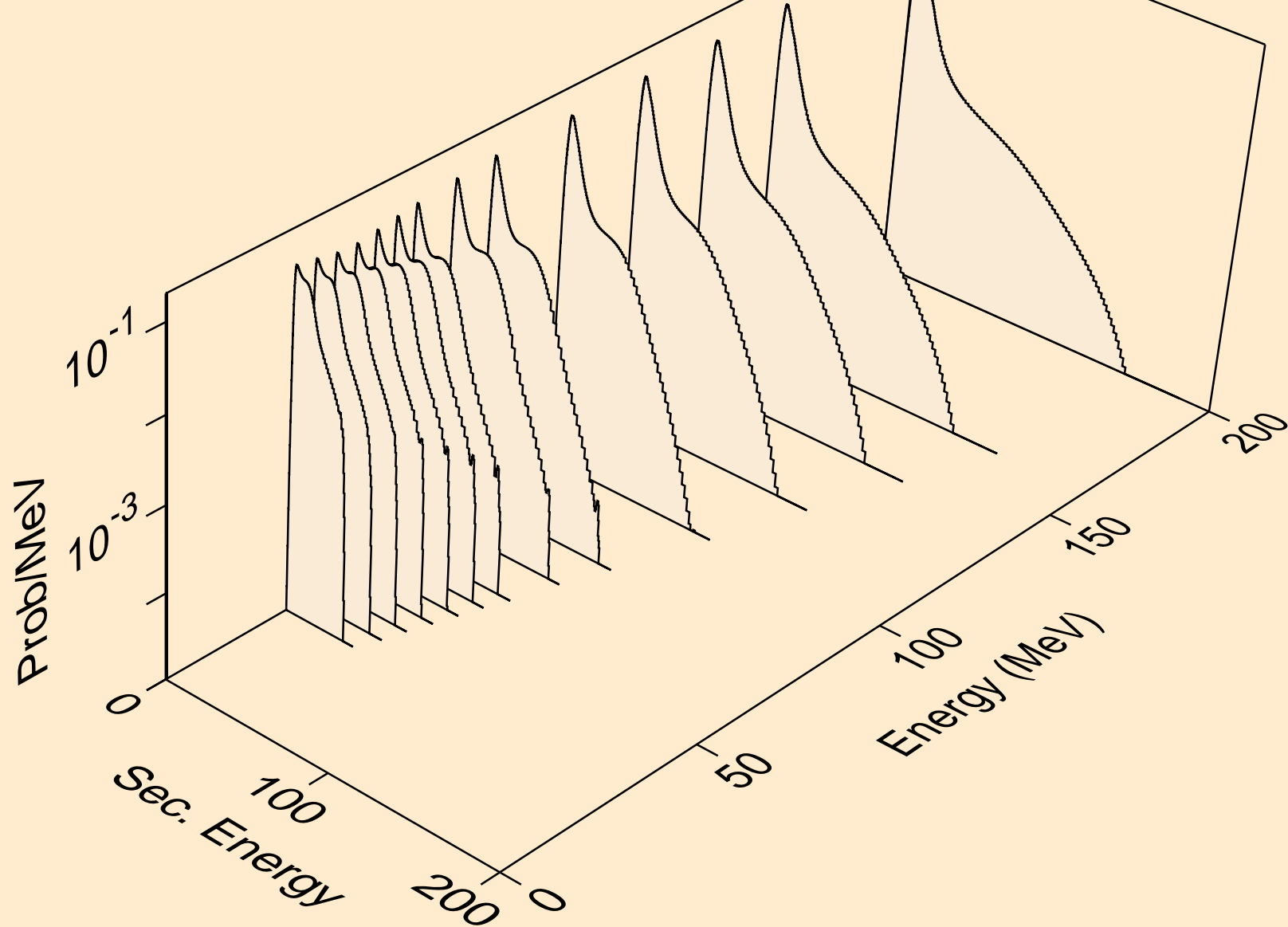
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n2p)



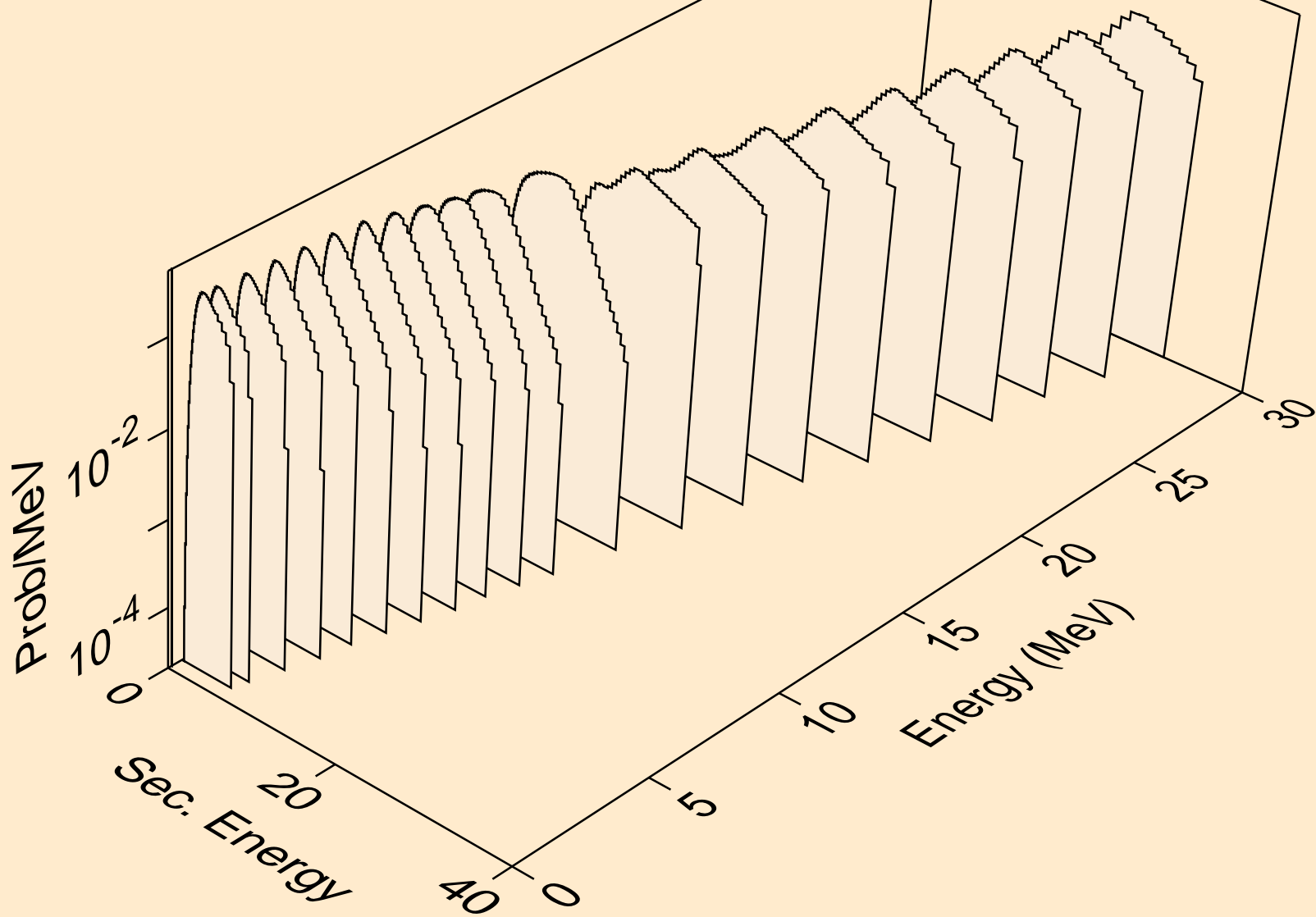
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neutrons from (s,npa)



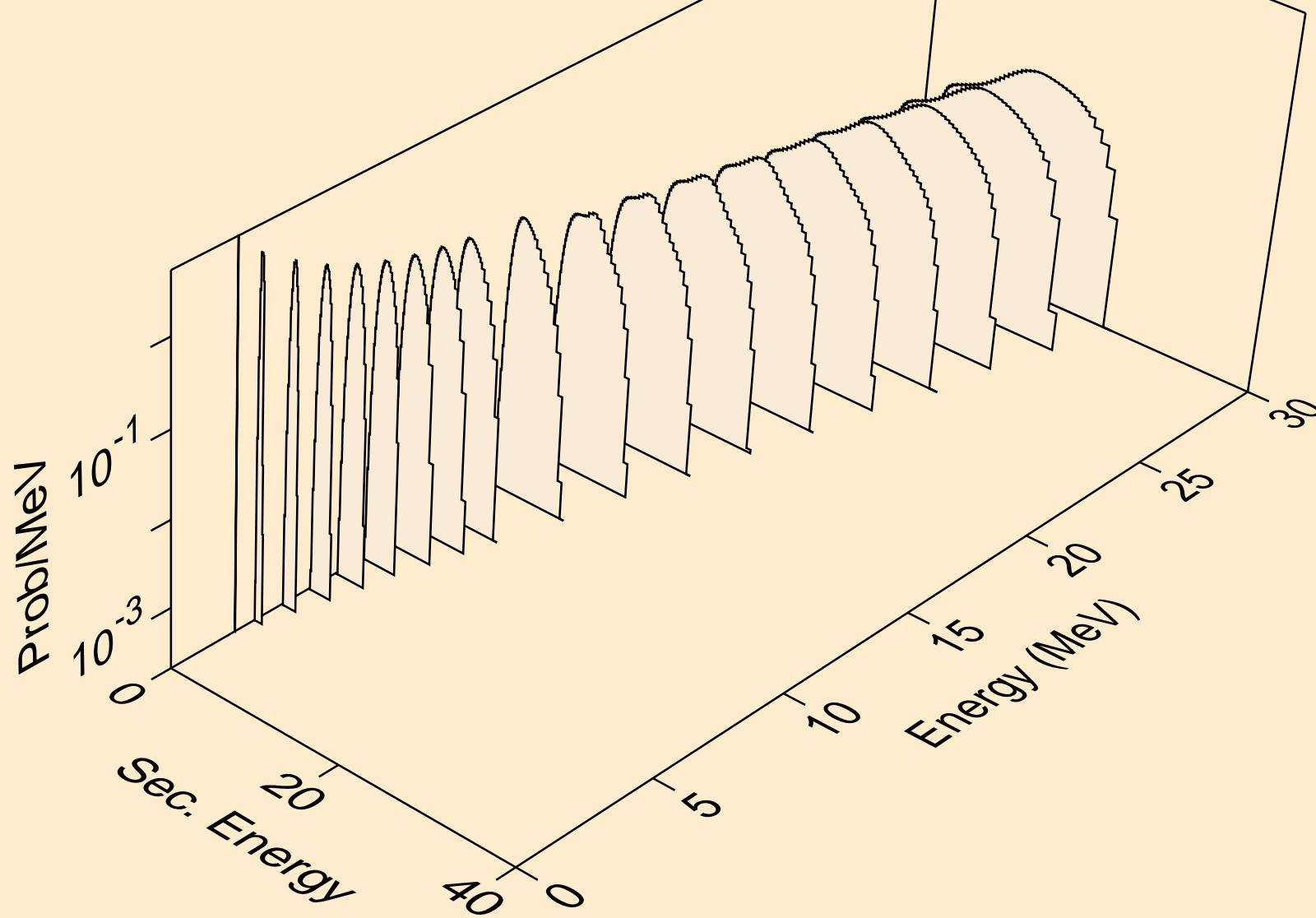
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,x)



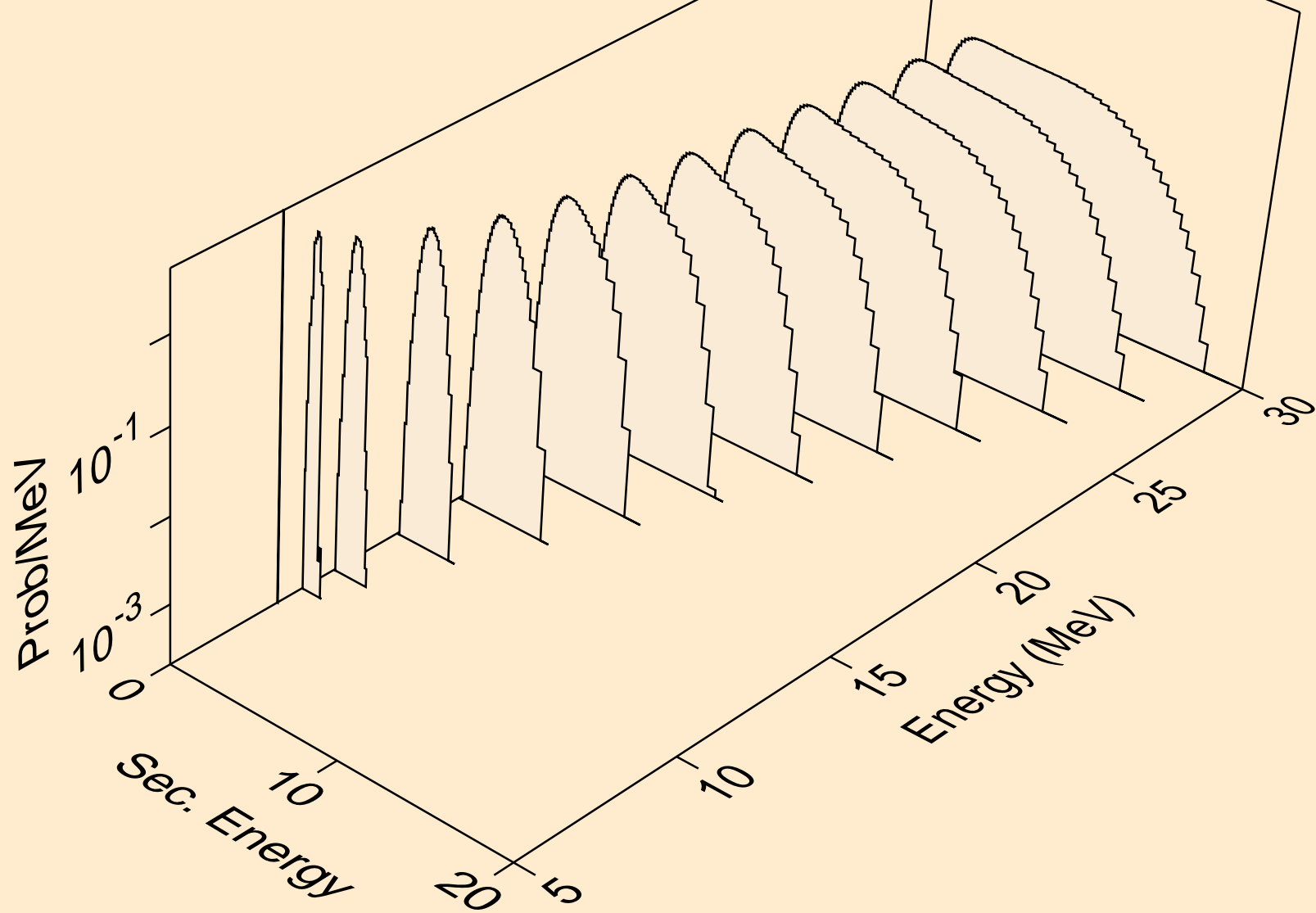
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protons from (s,n*)p



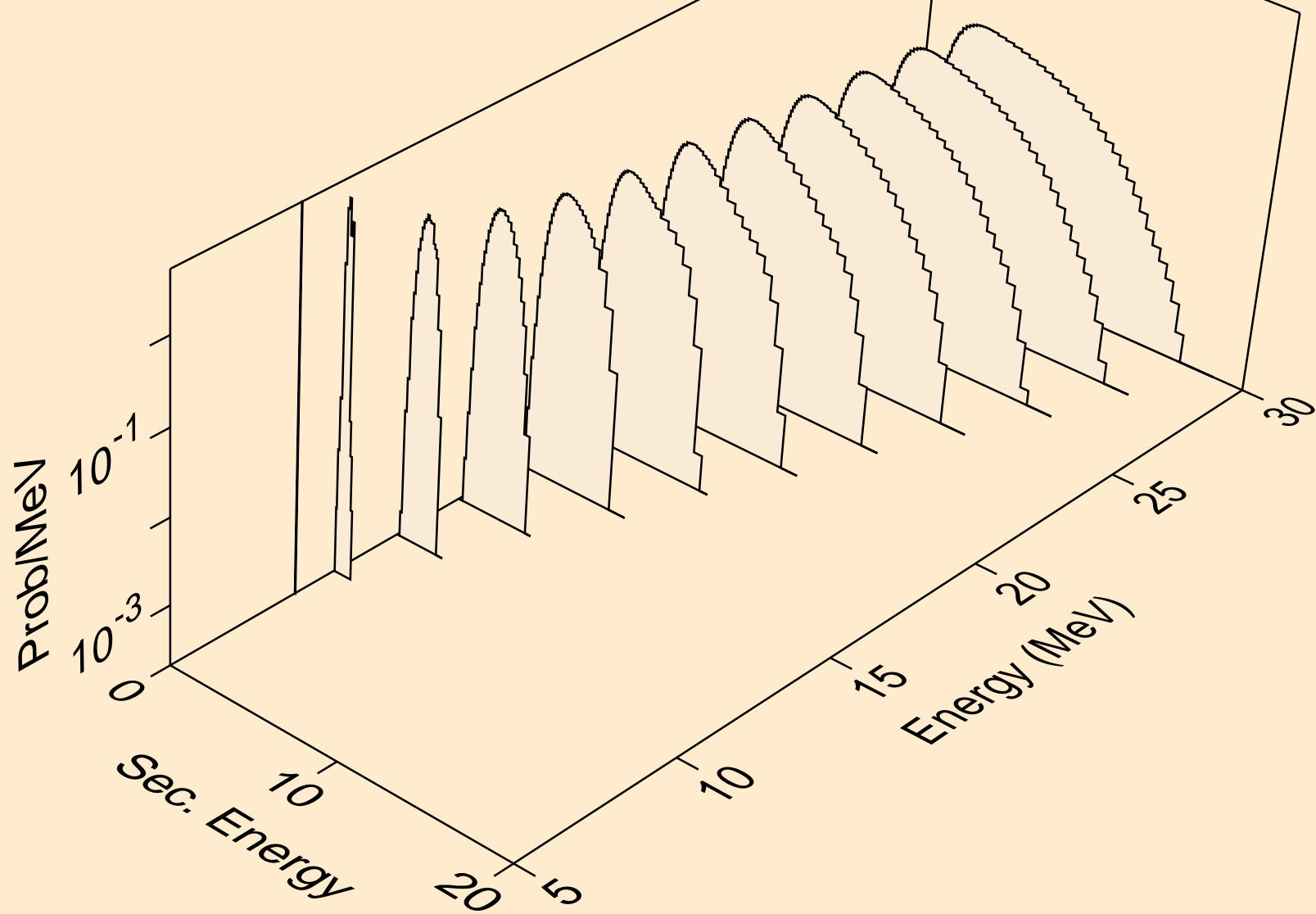
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protons from (s,2np)



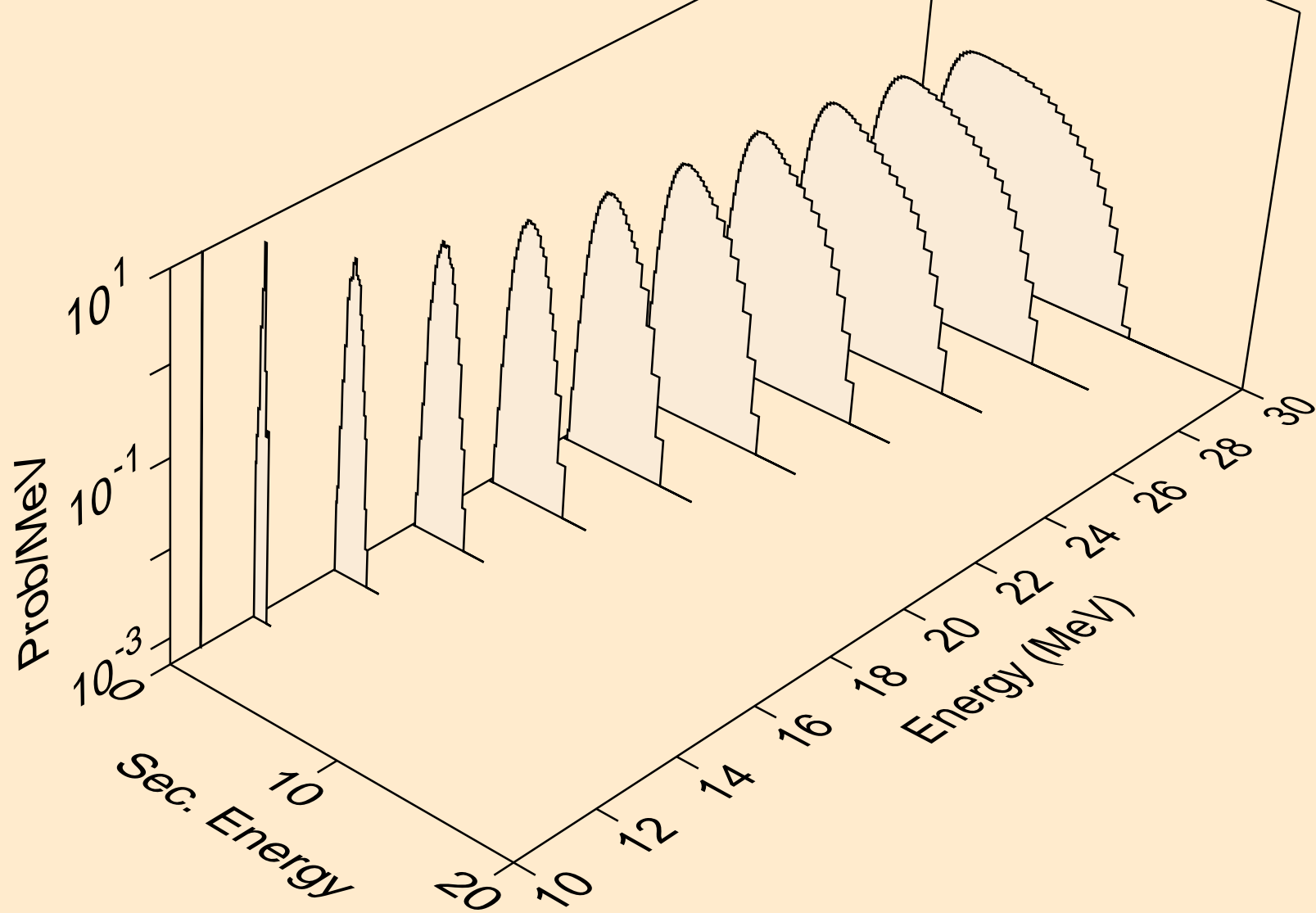
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protons from (s,3np)



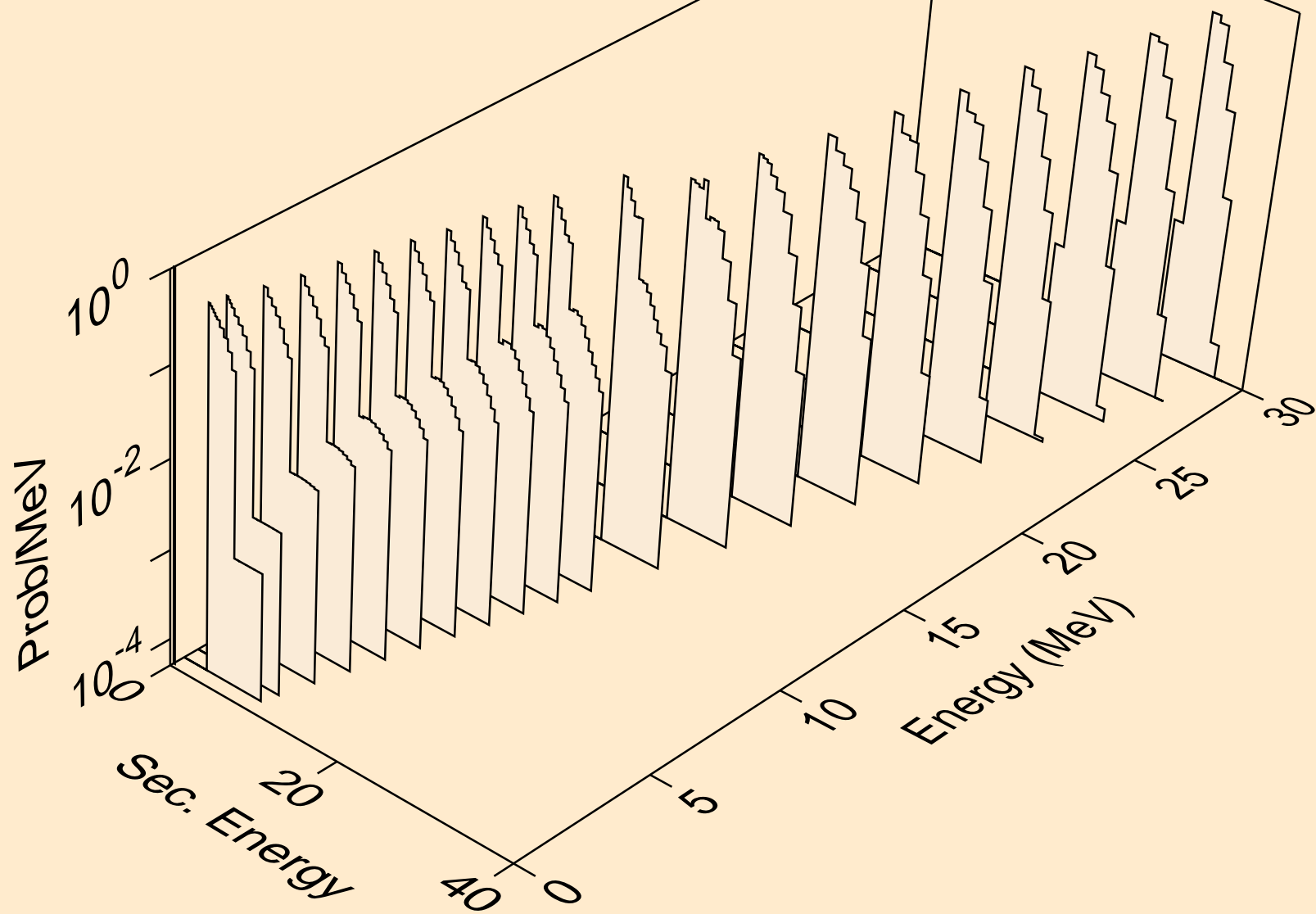
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protons from (s,n2p)



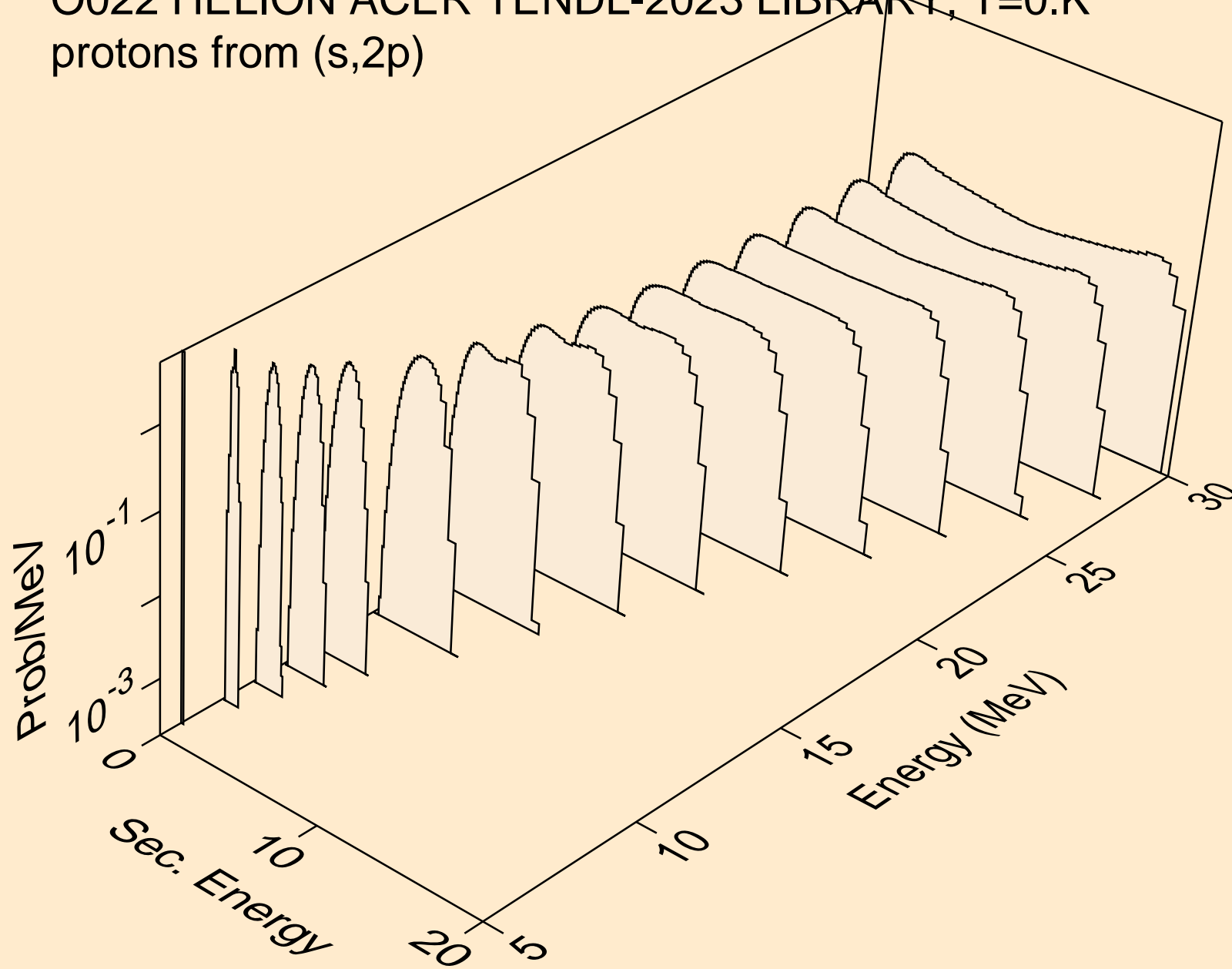
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protons from (s,npa)



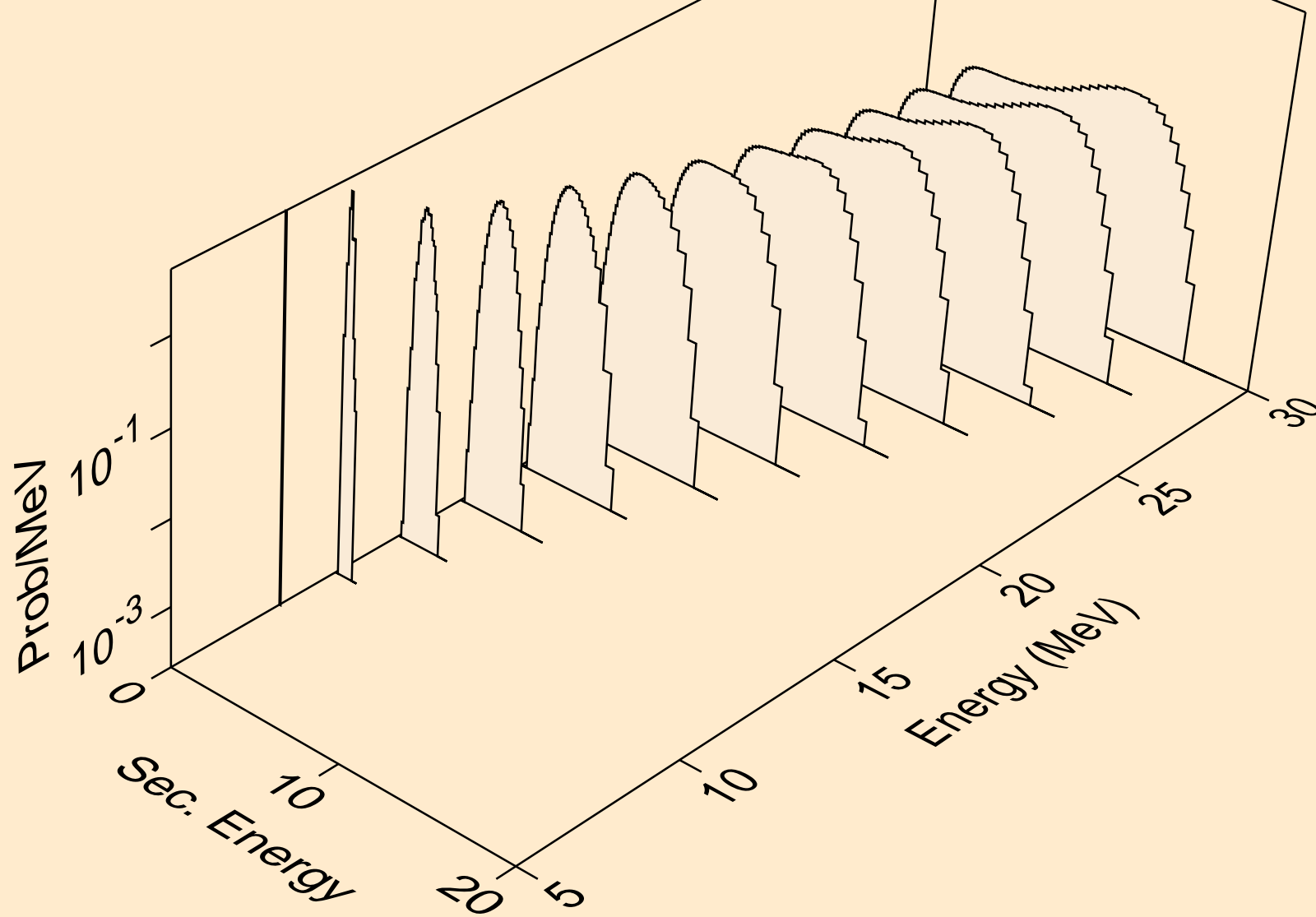
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protons from (s,p)



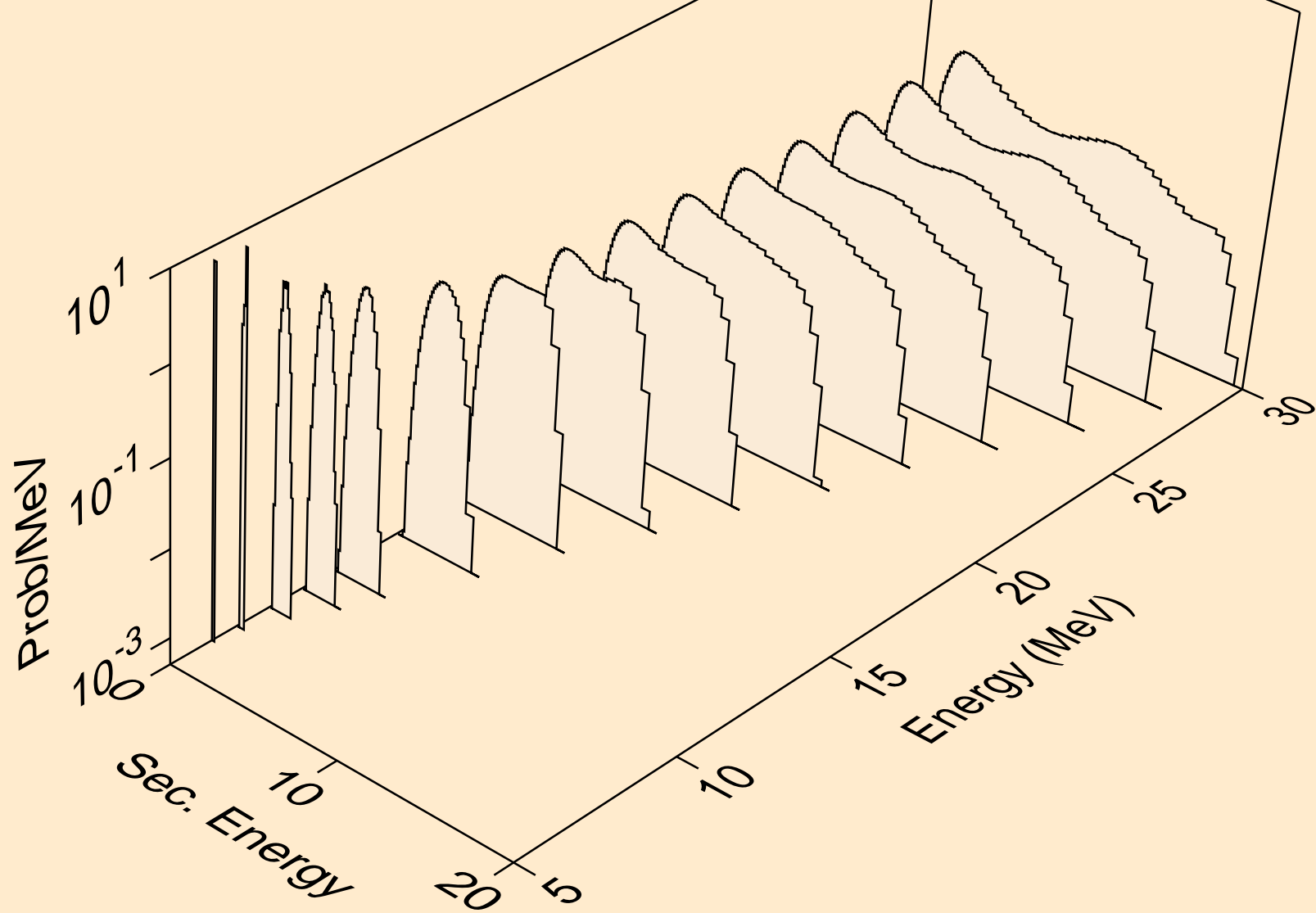
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protons from (s,2p)



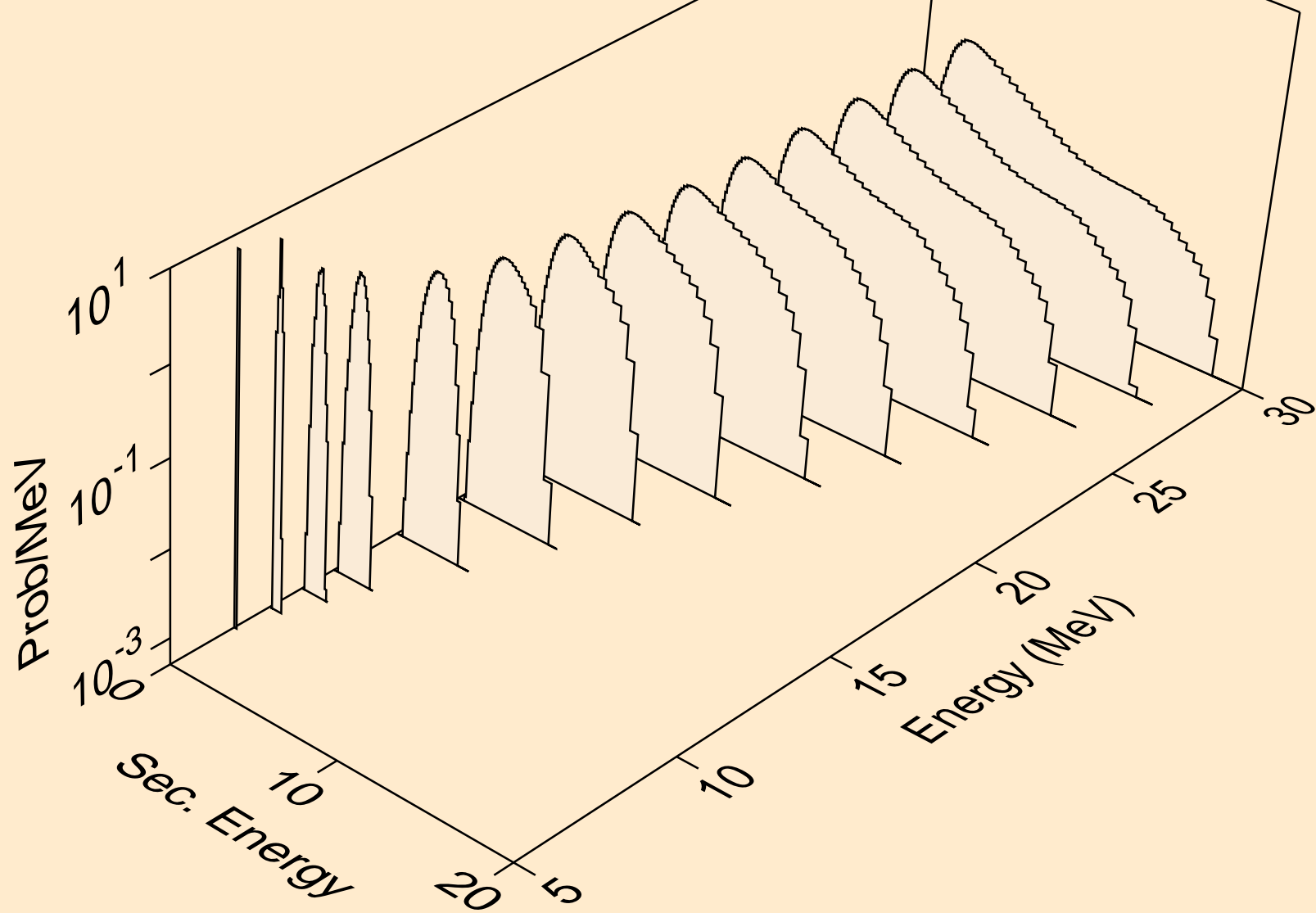
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protons from (s,pa)



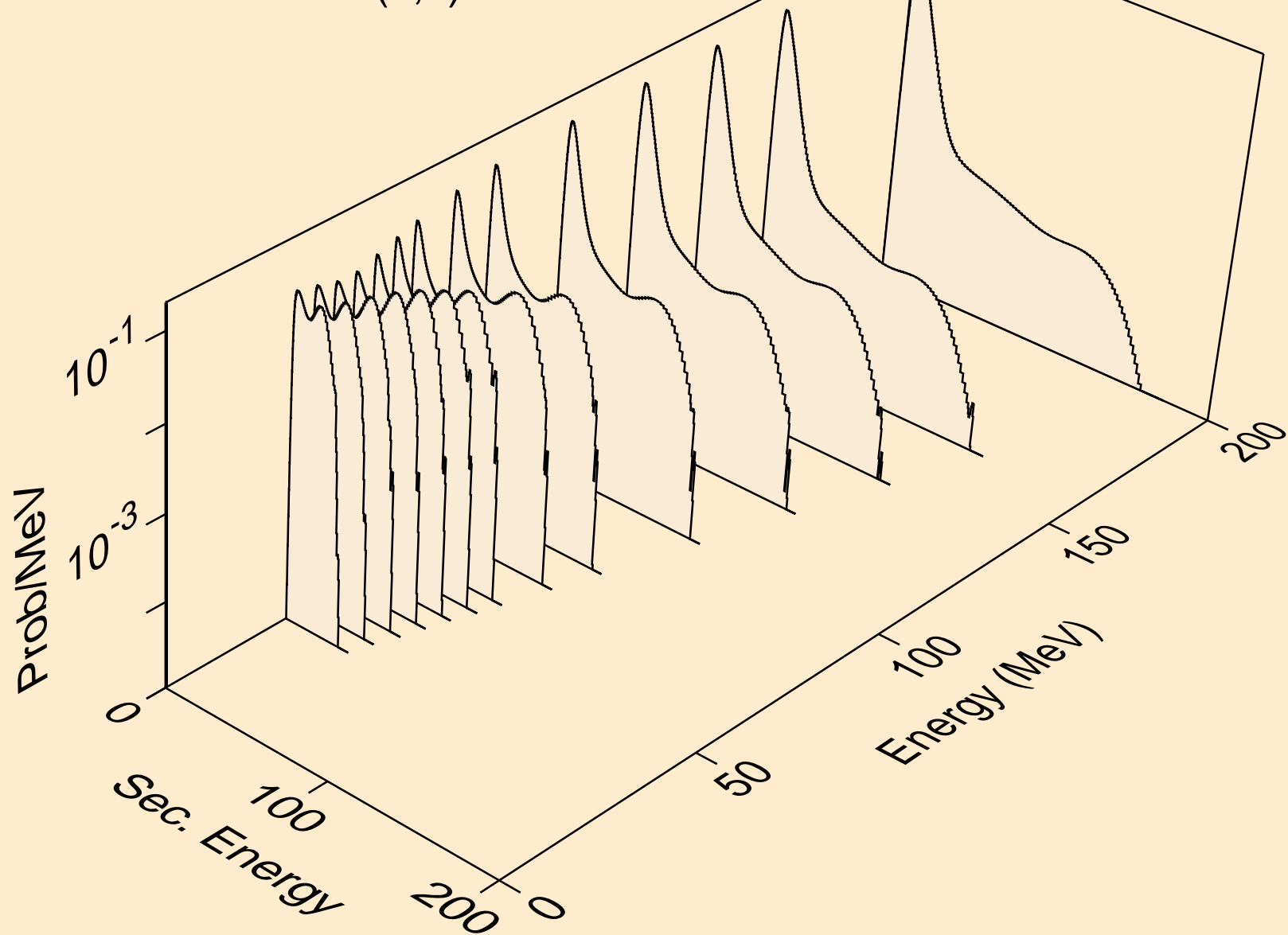
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protons from (s,pd)



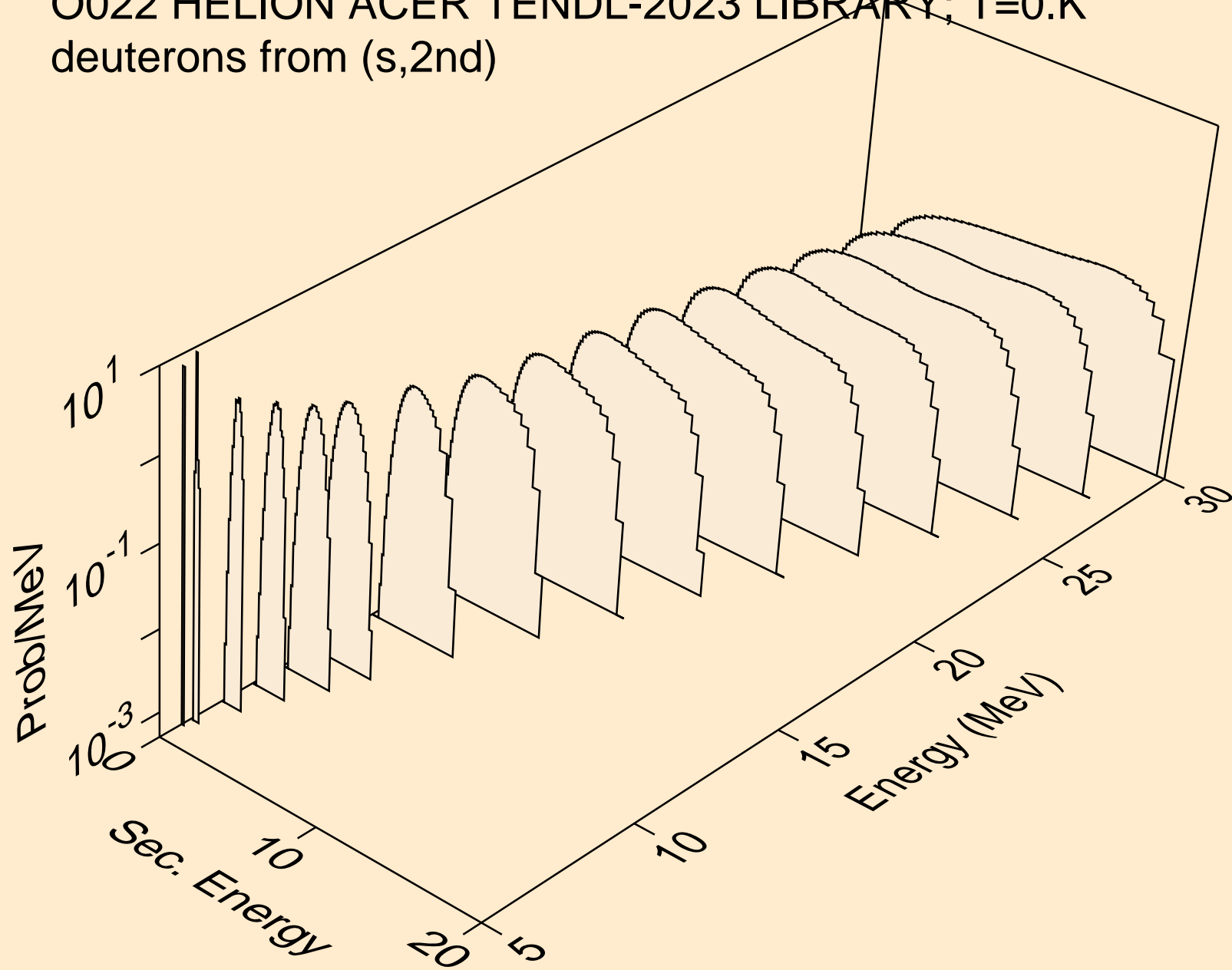
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protons from (s,pt)



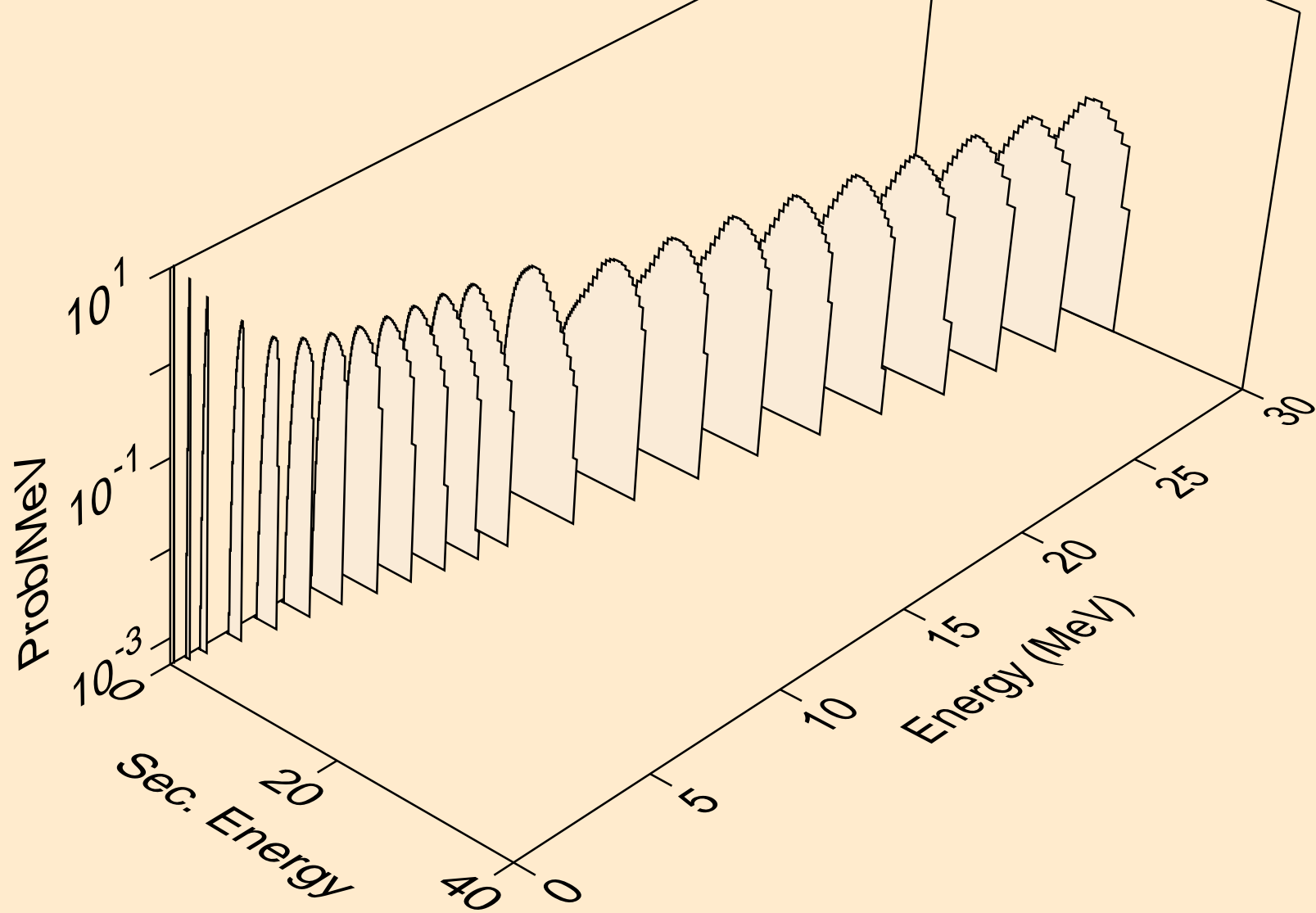
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,x)



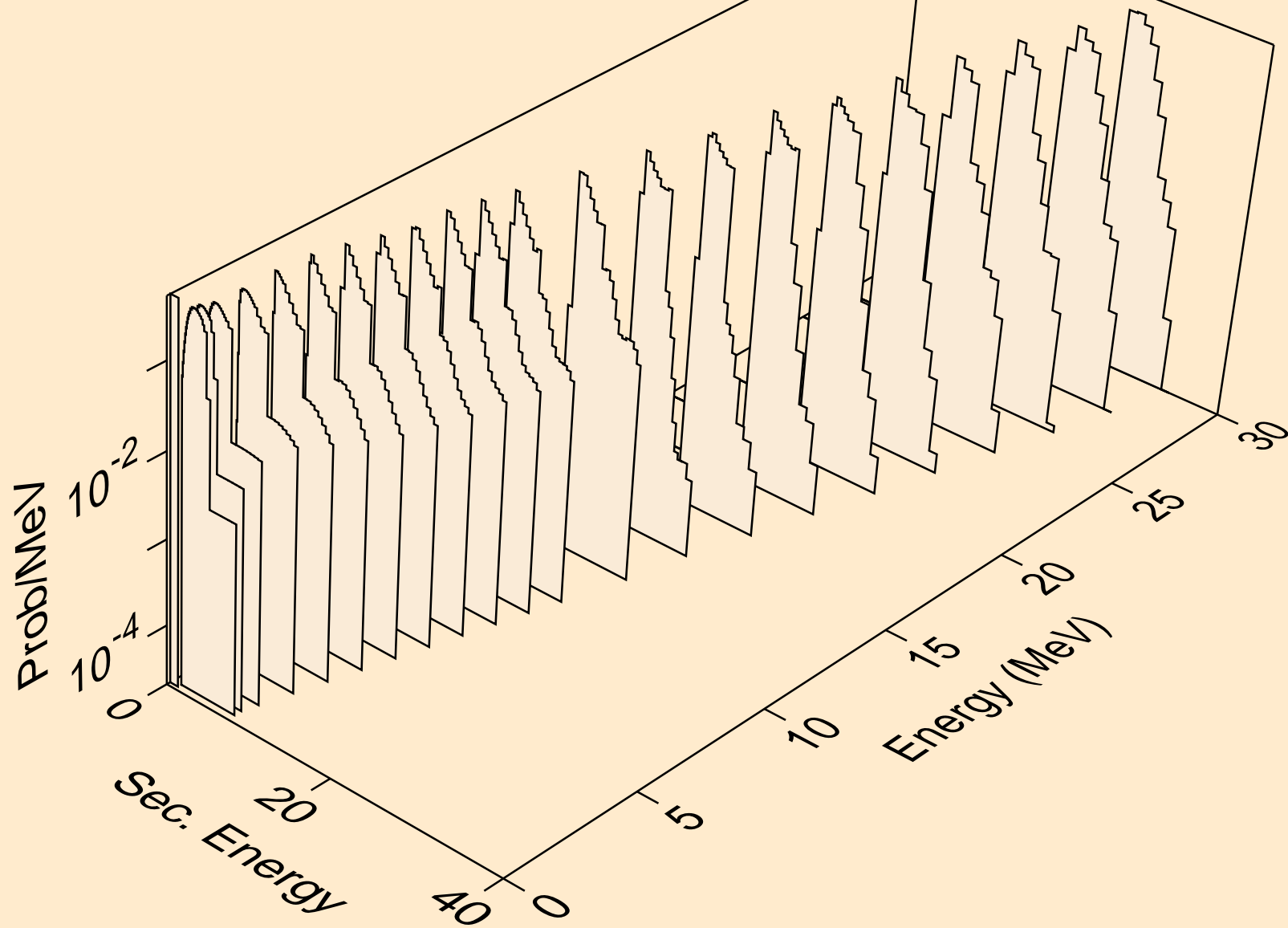
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deuterons from (s,2nd)



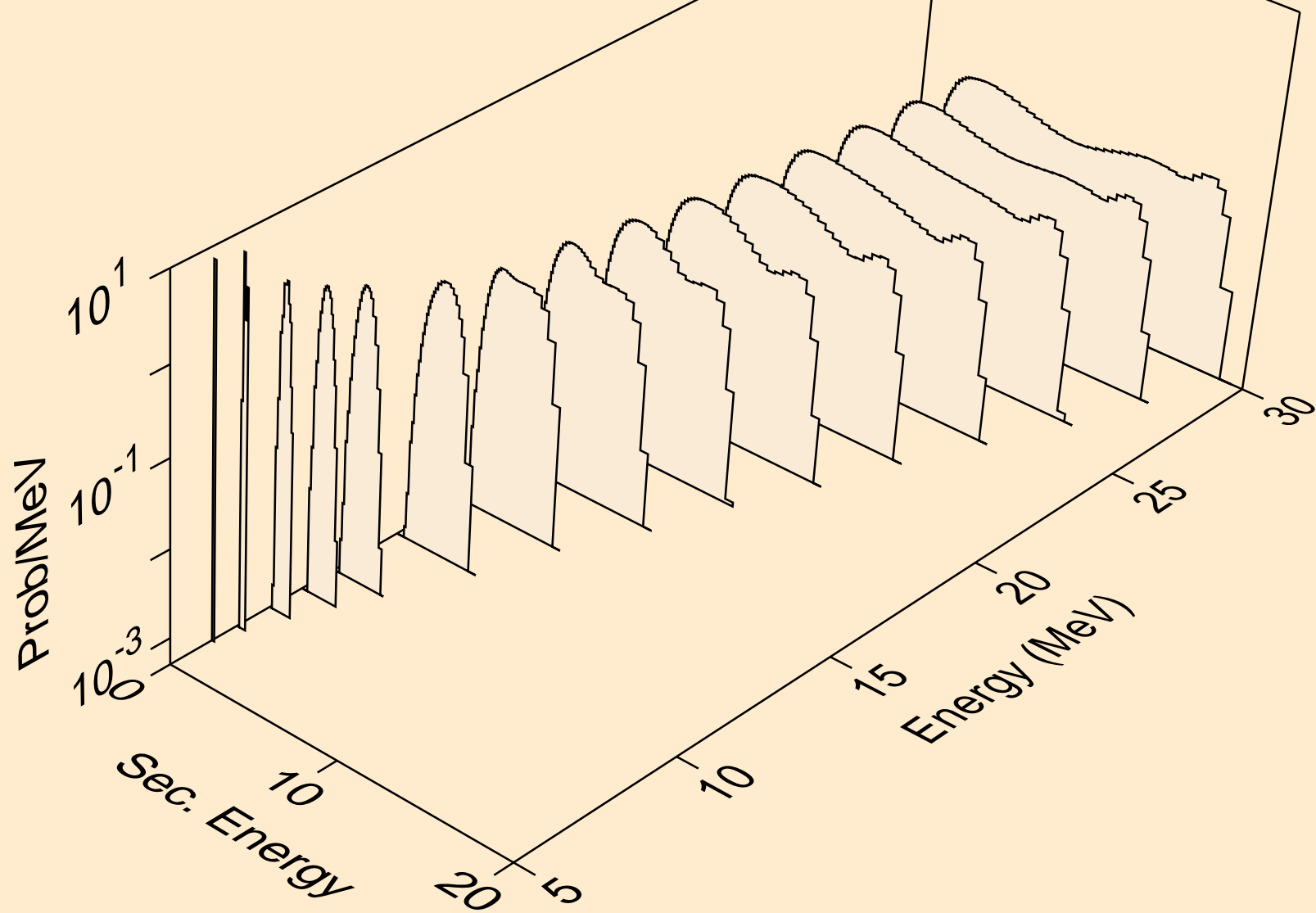
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,n*)d



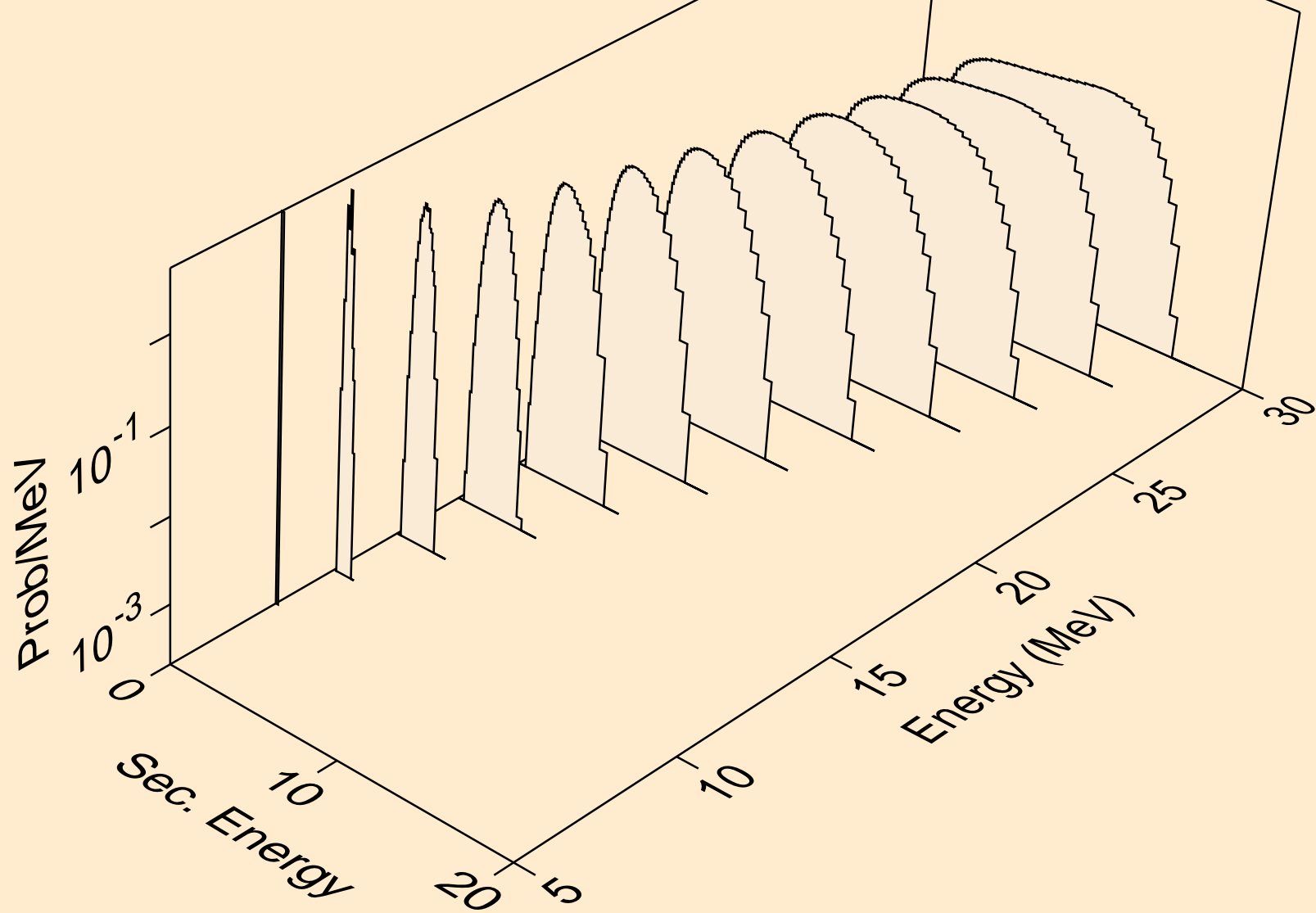
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deuterons from (s,d)



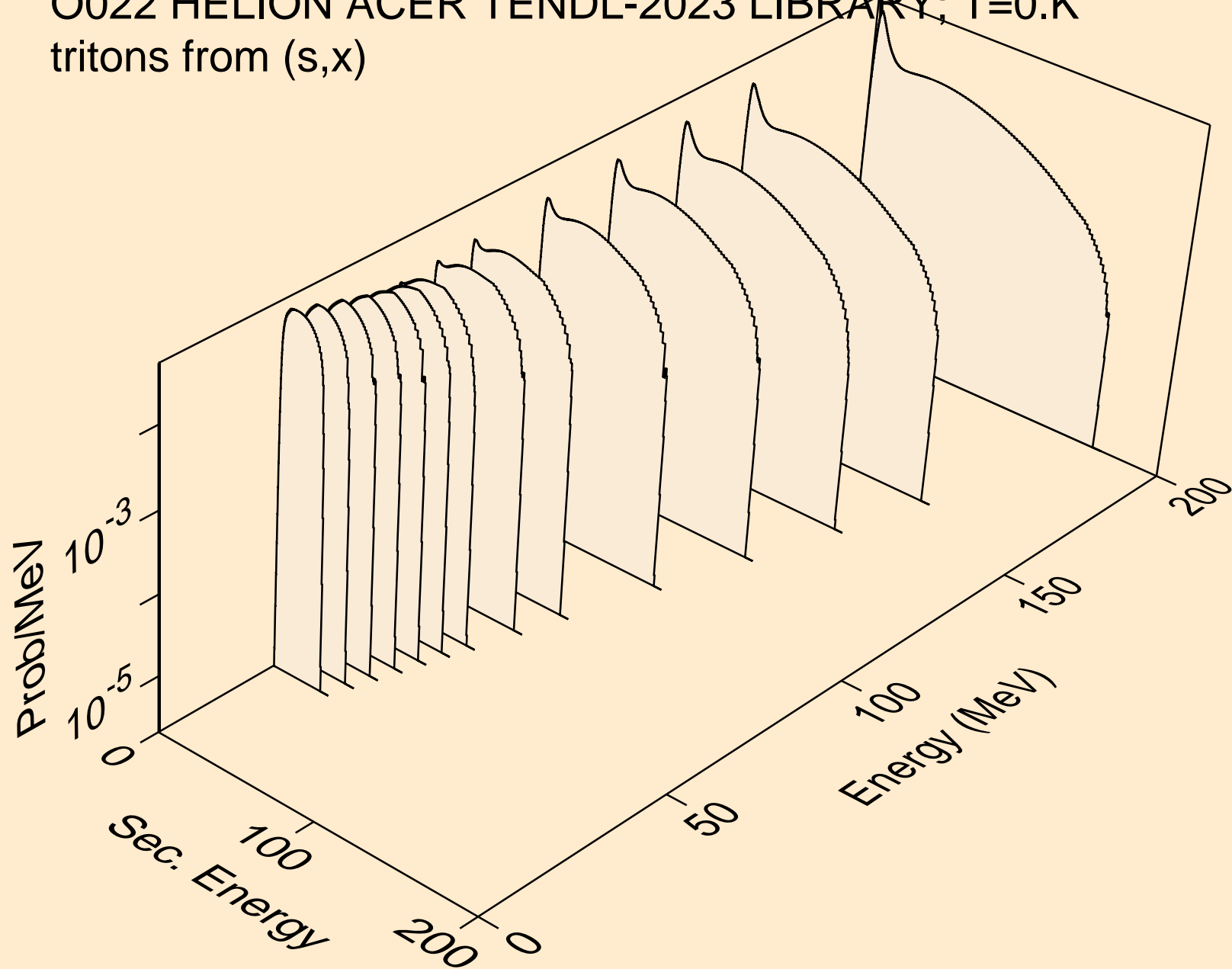
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,pd)



O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,da)

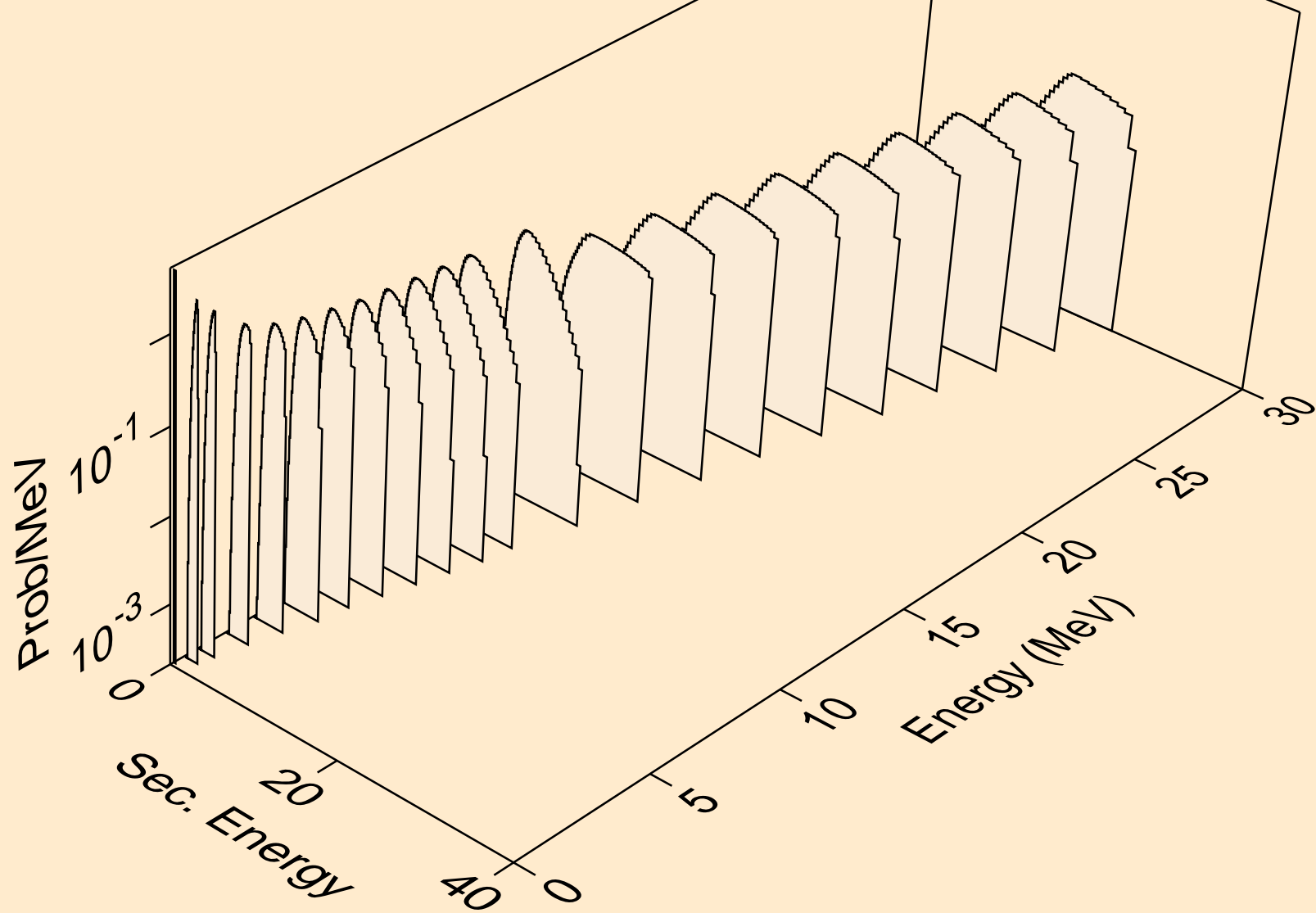


O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,x)



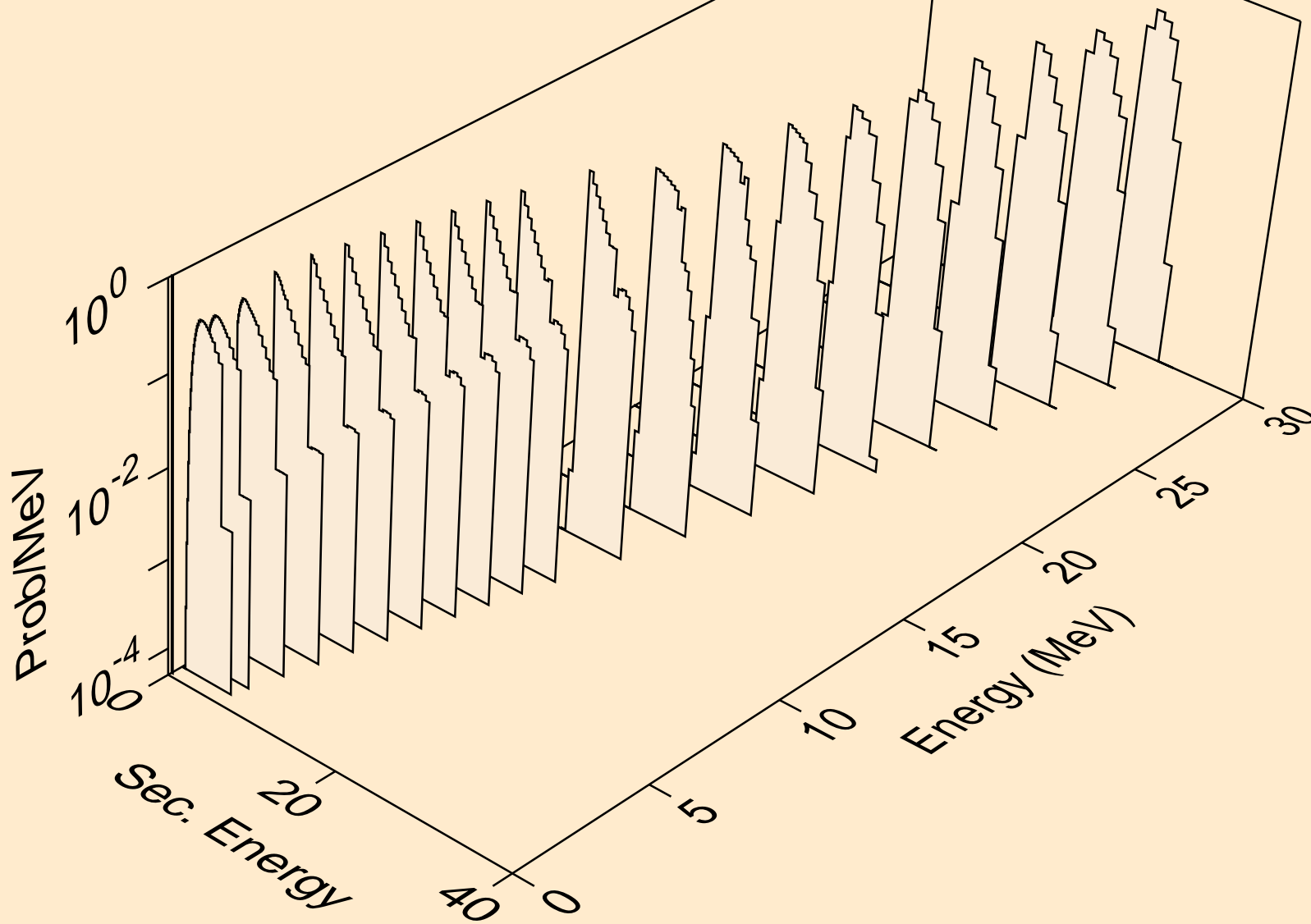
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tritons from (s,n*)t

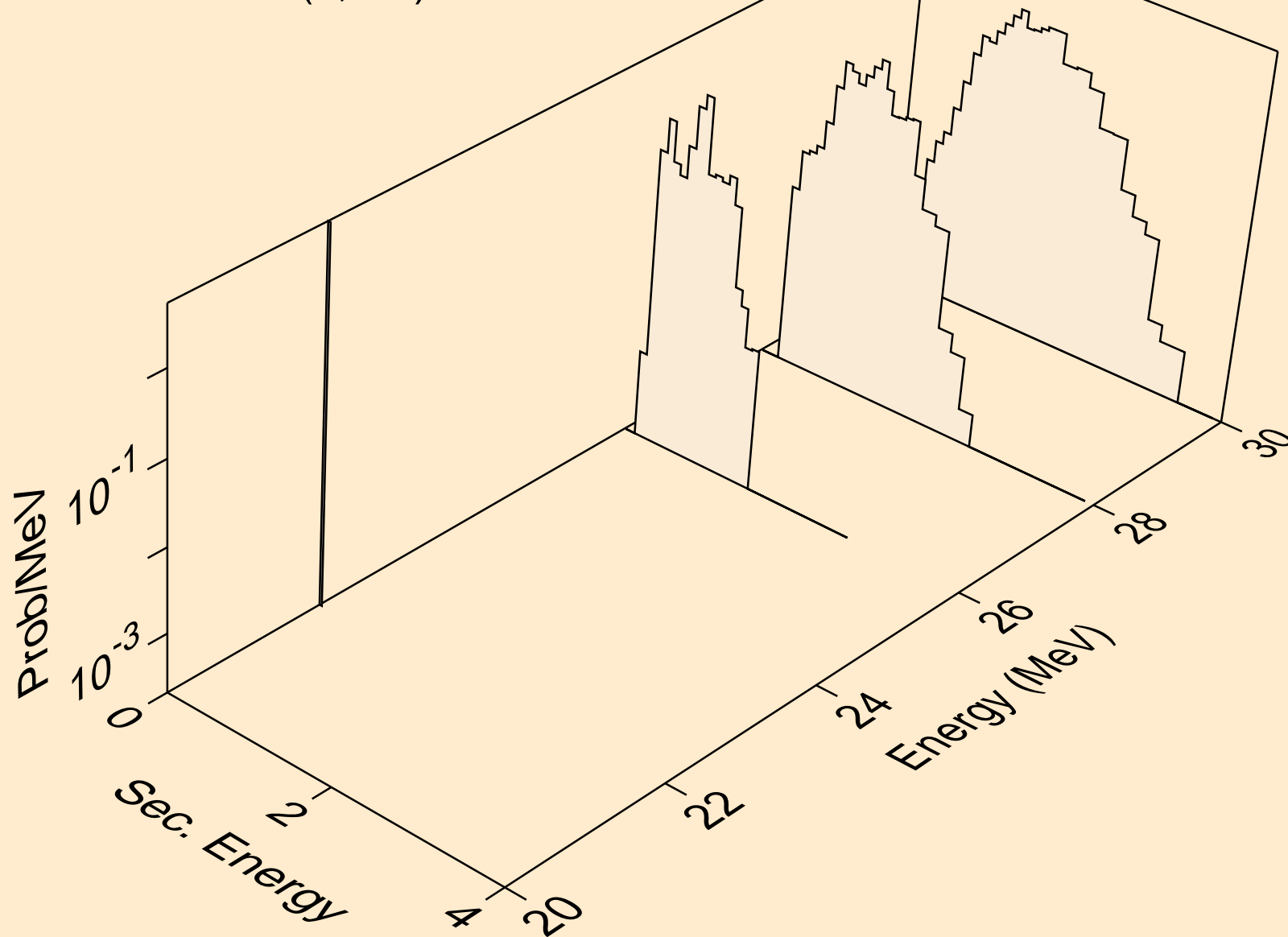


O022 HELION ACER TENDL-2023 LIBRARY; T=0.K

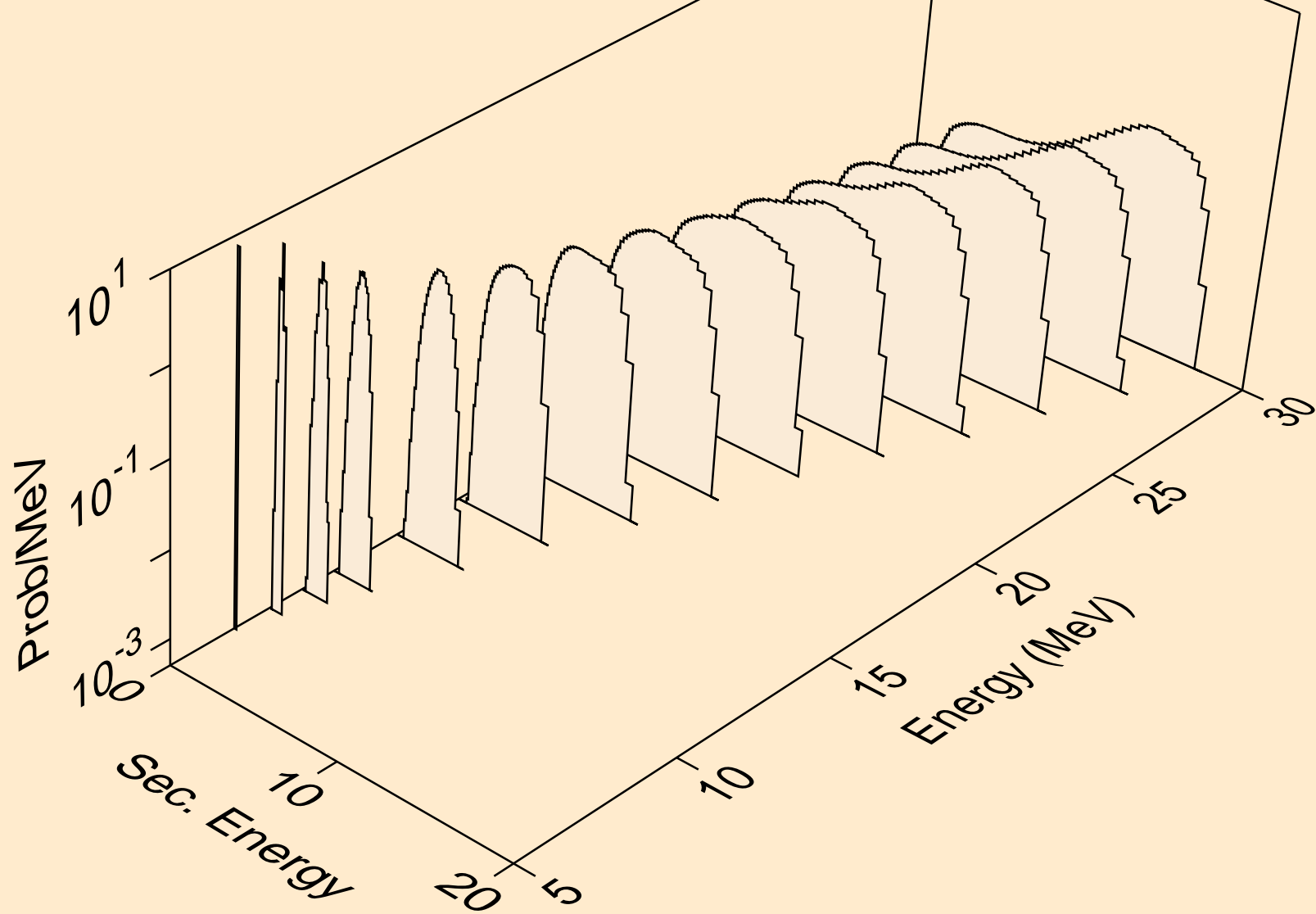
tritons from (s,t)



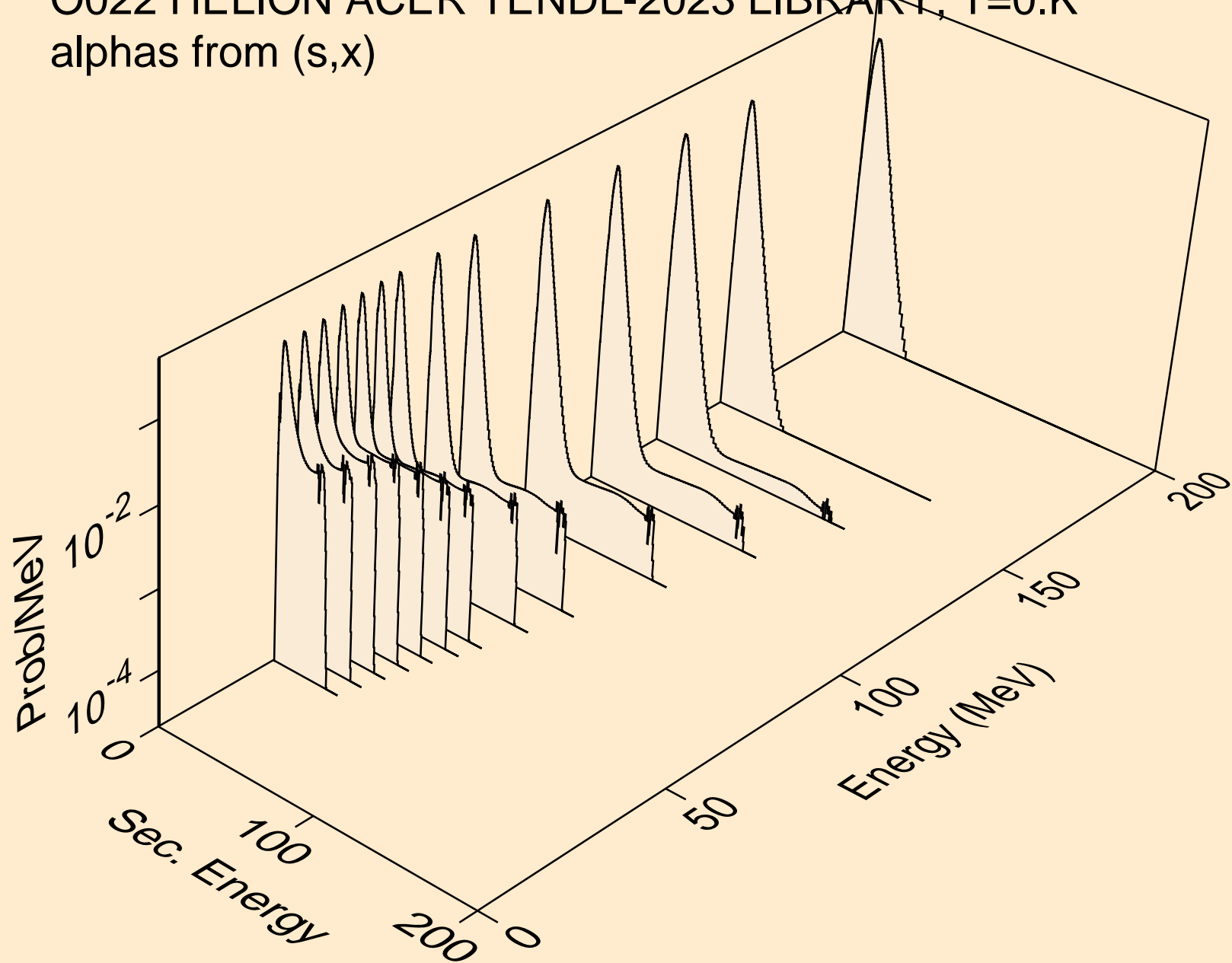
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,t2a)



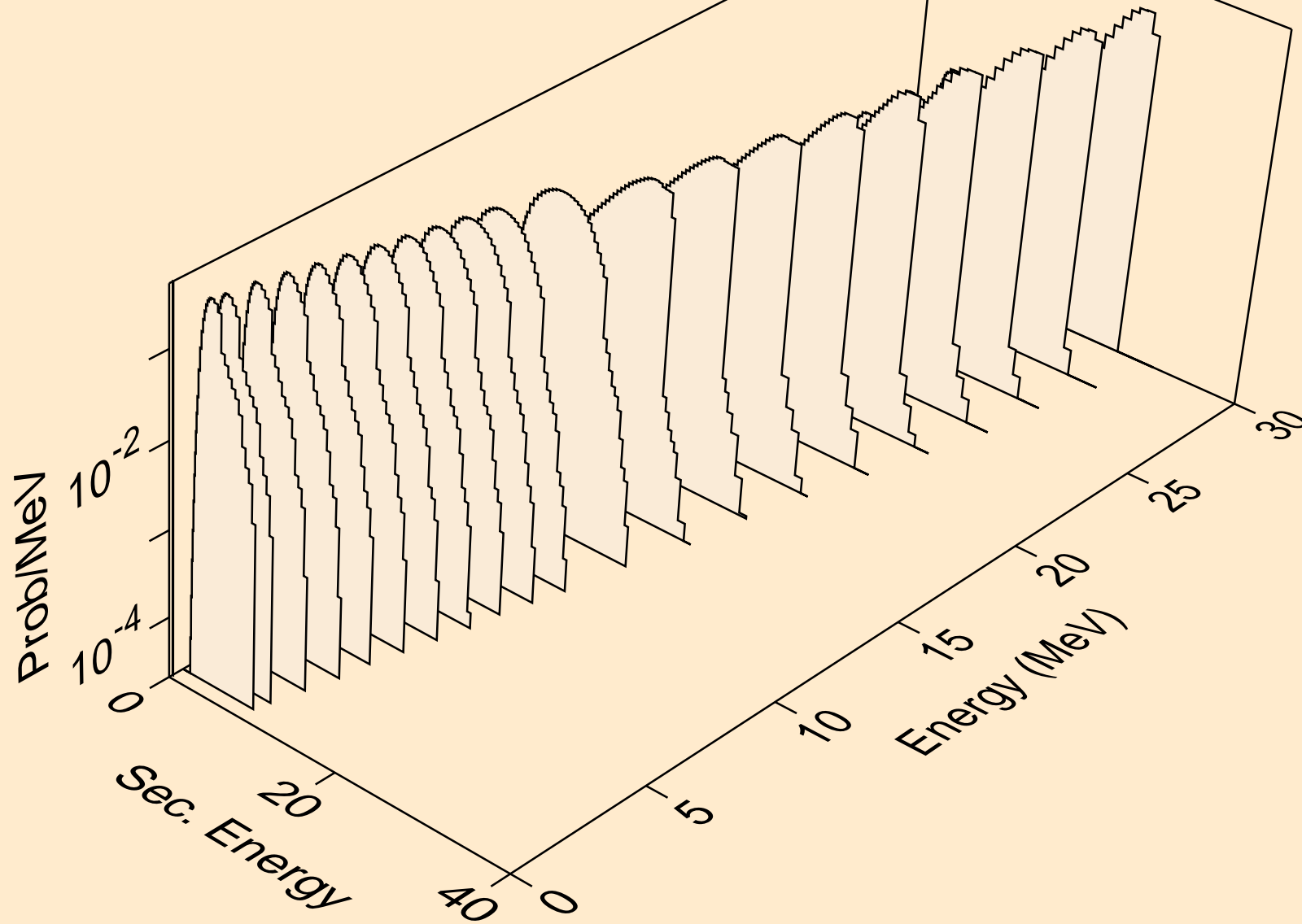
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,pt)



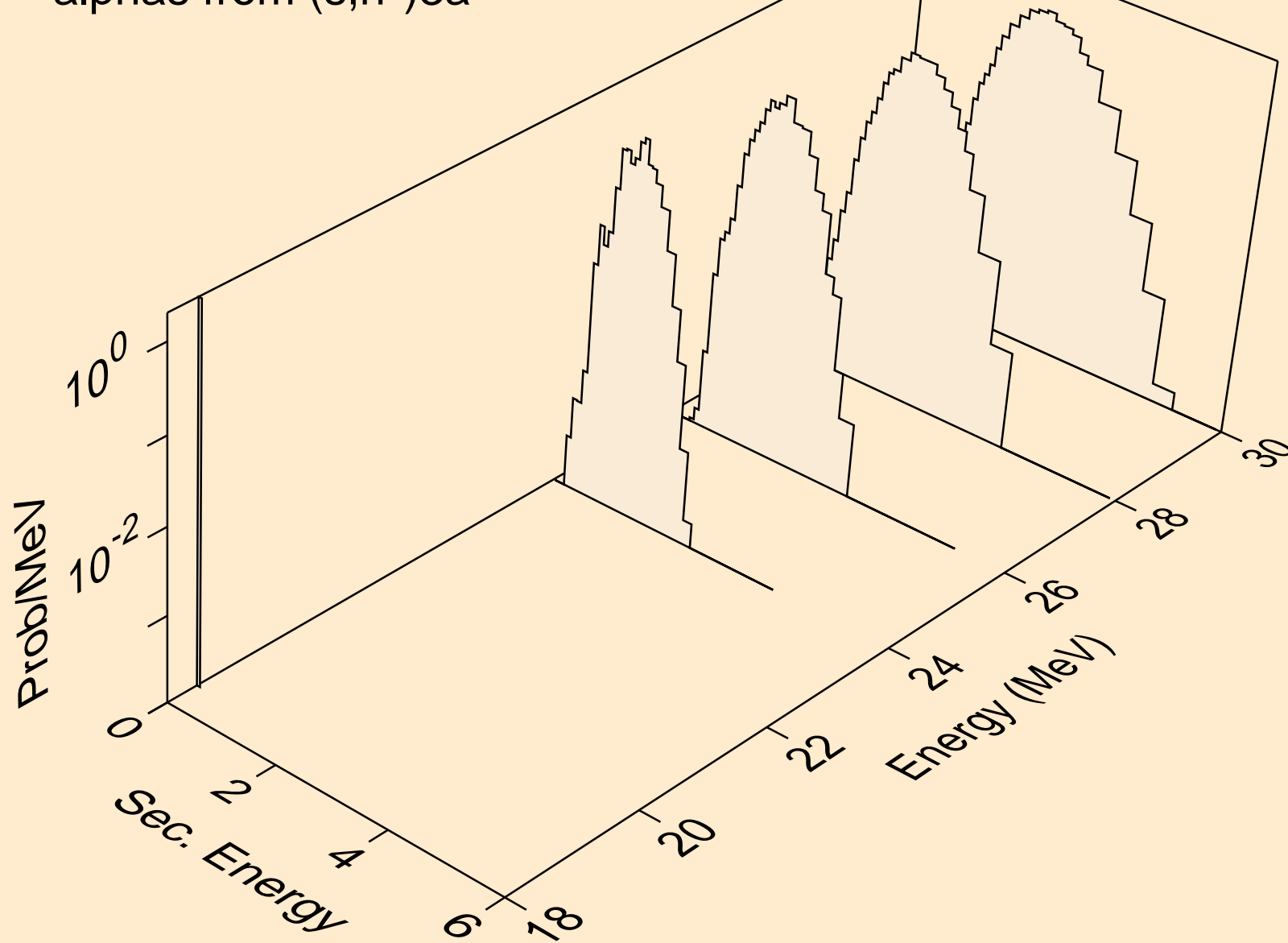
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,x)



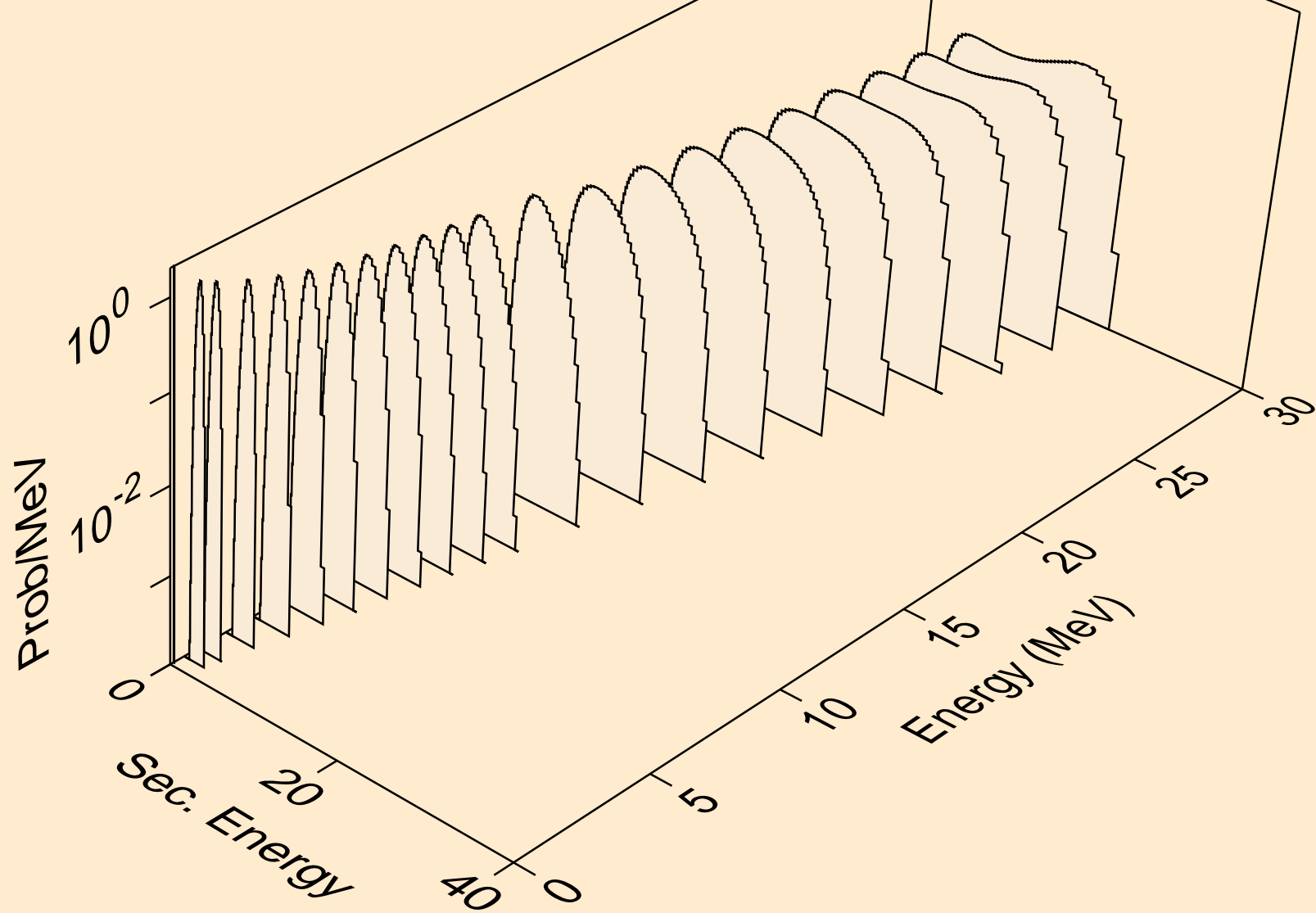
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alphas from (s,n*)a



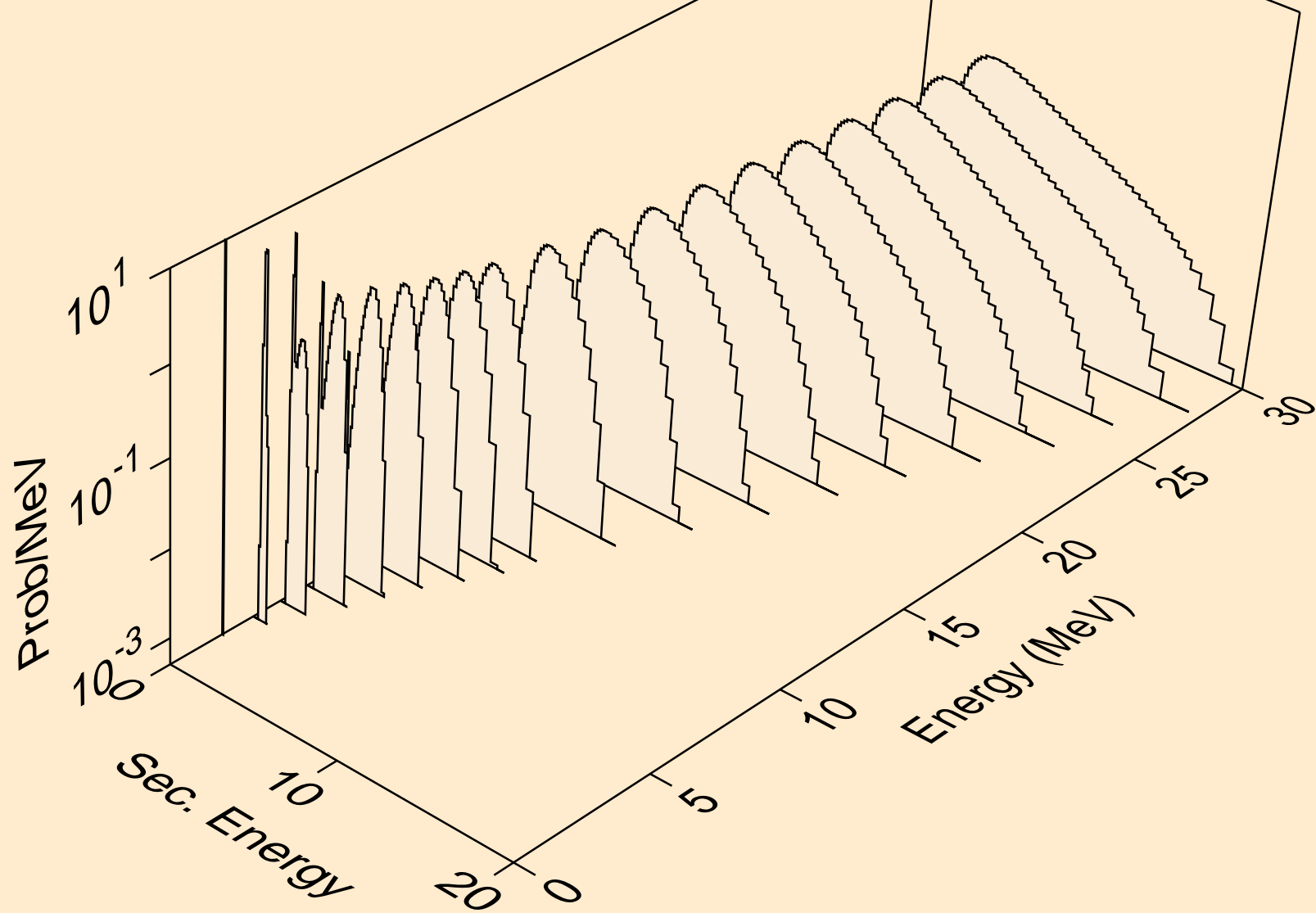
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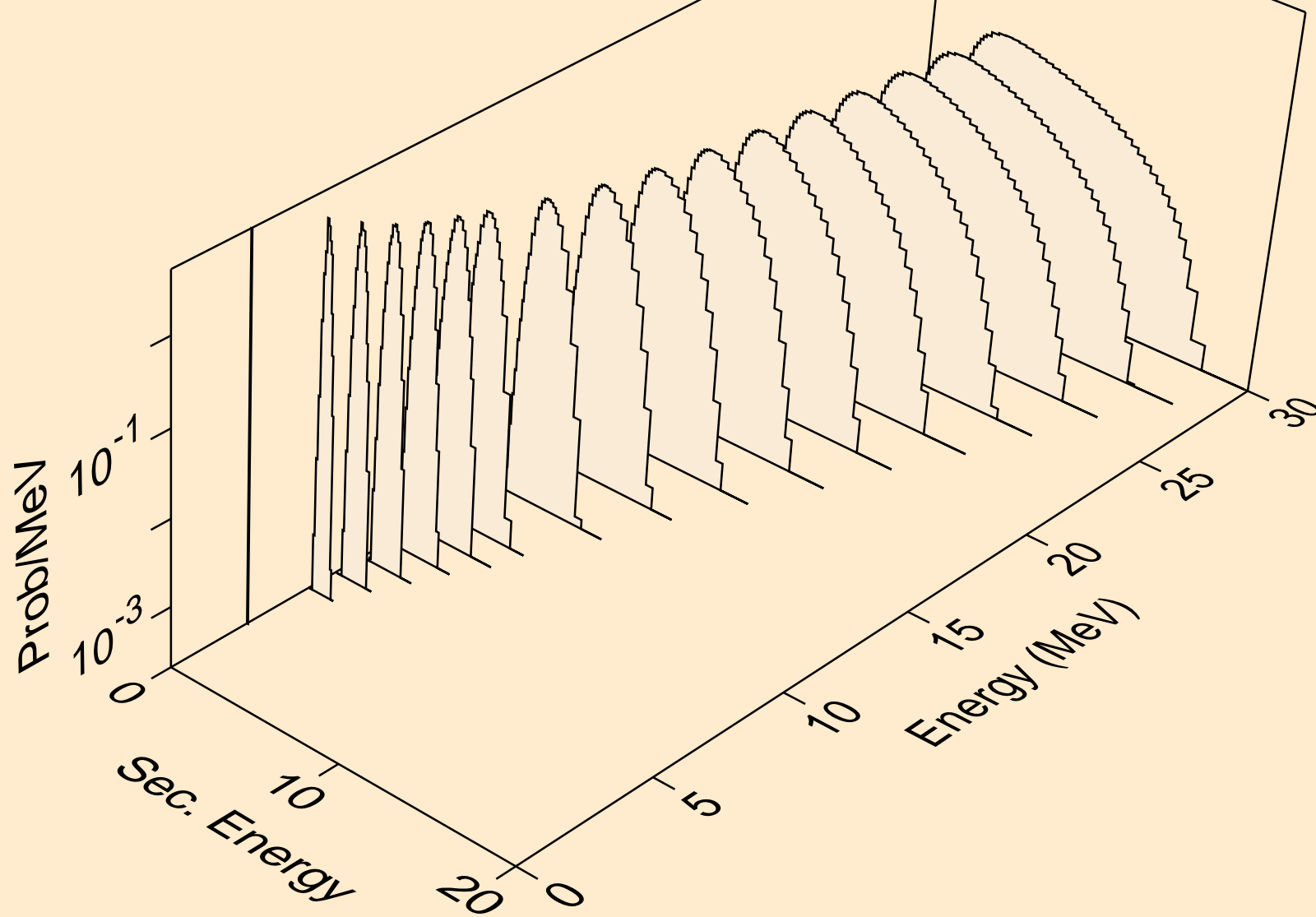
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alphas from (s,2n)a



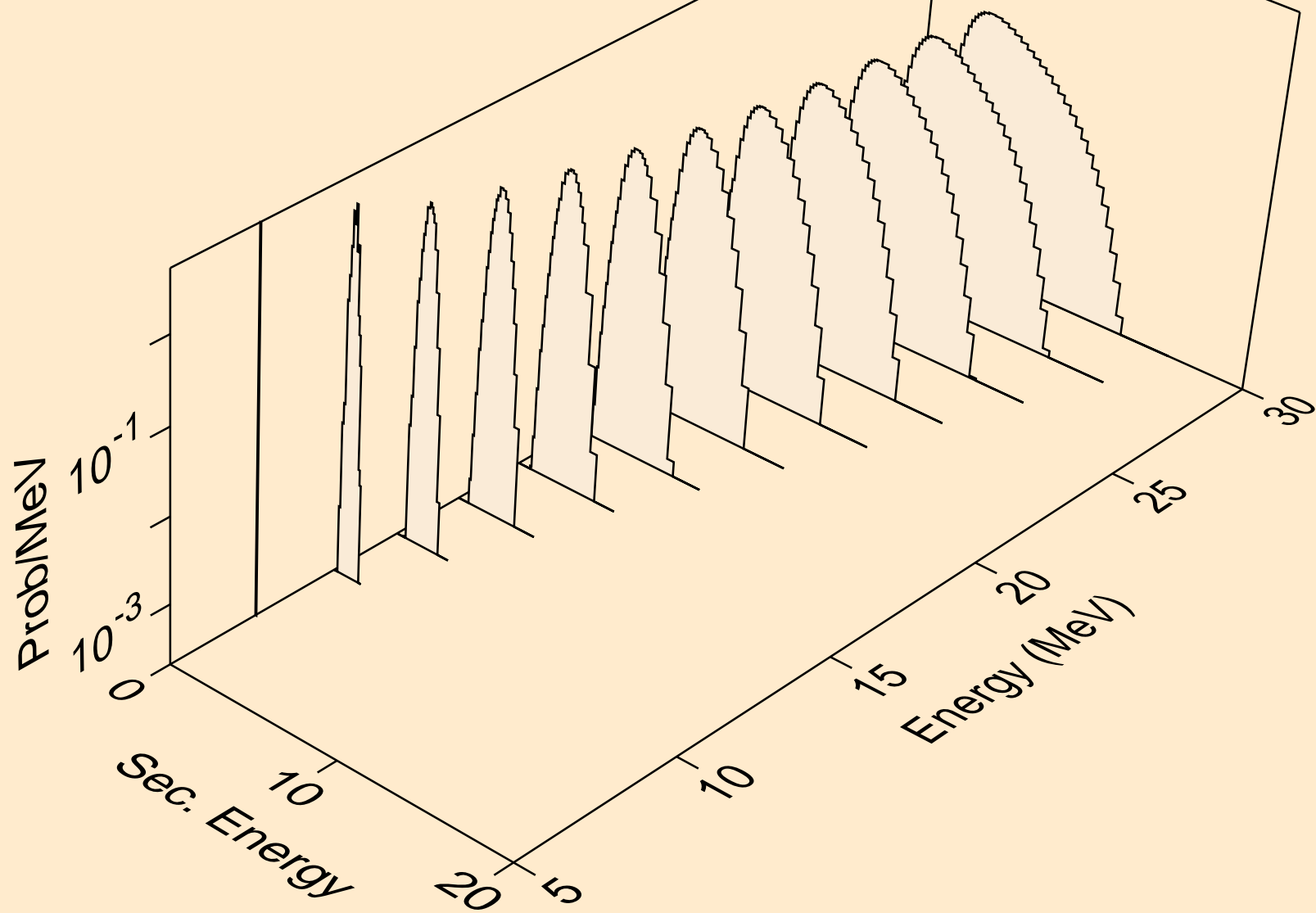
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alphas from (s,3n)a



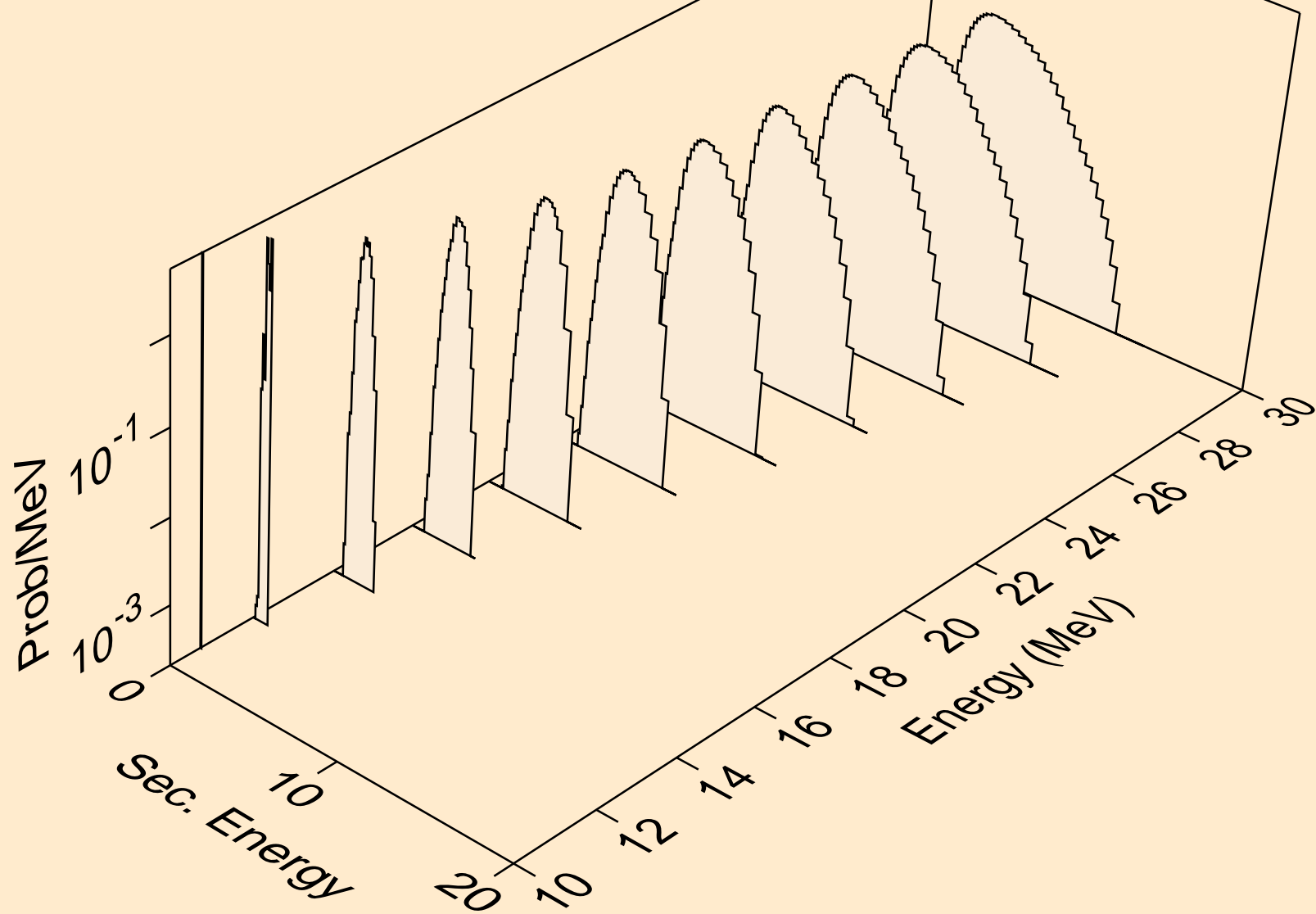
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alphas from (s,n*)2a



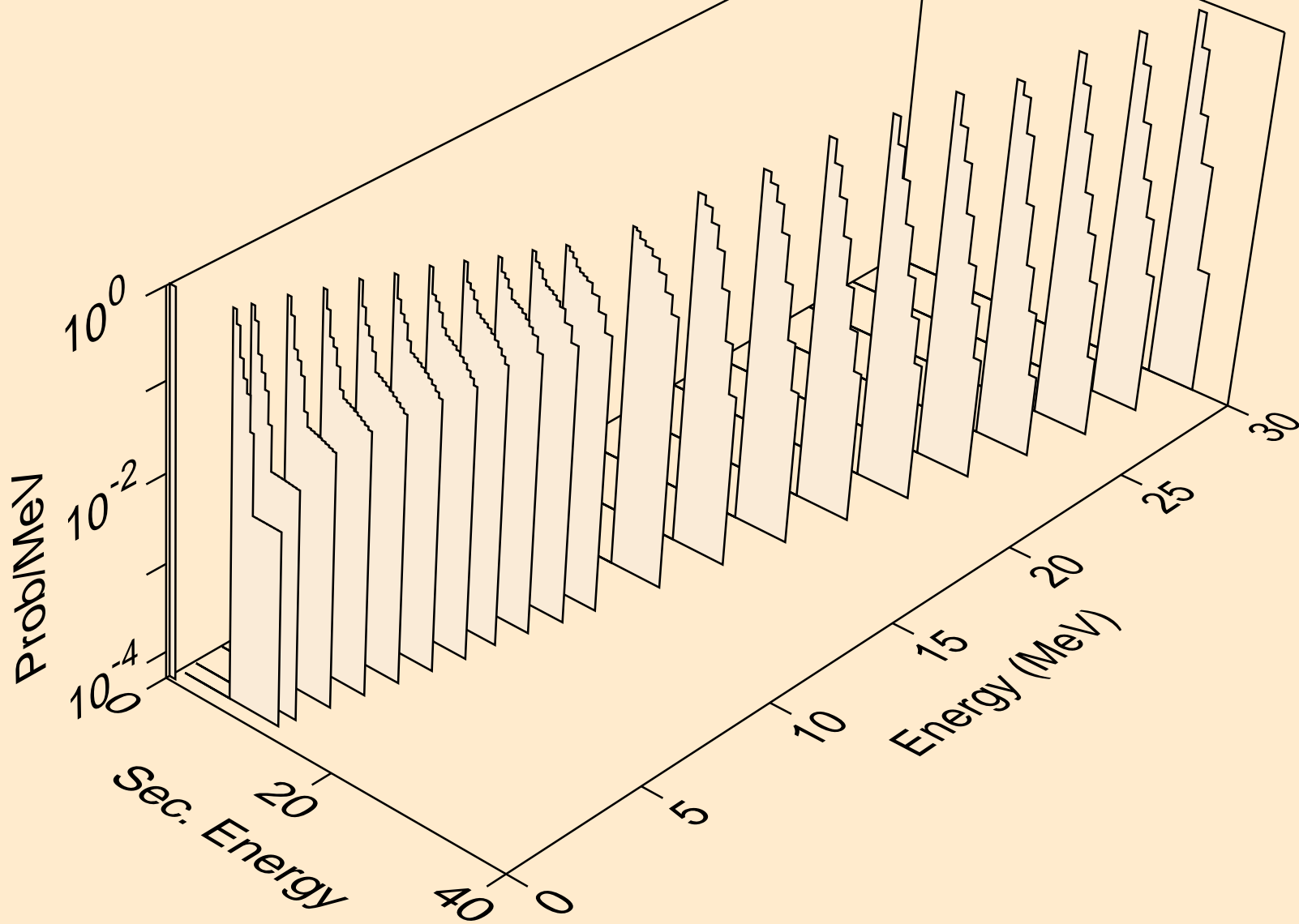
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alphas from (s,2n)2a



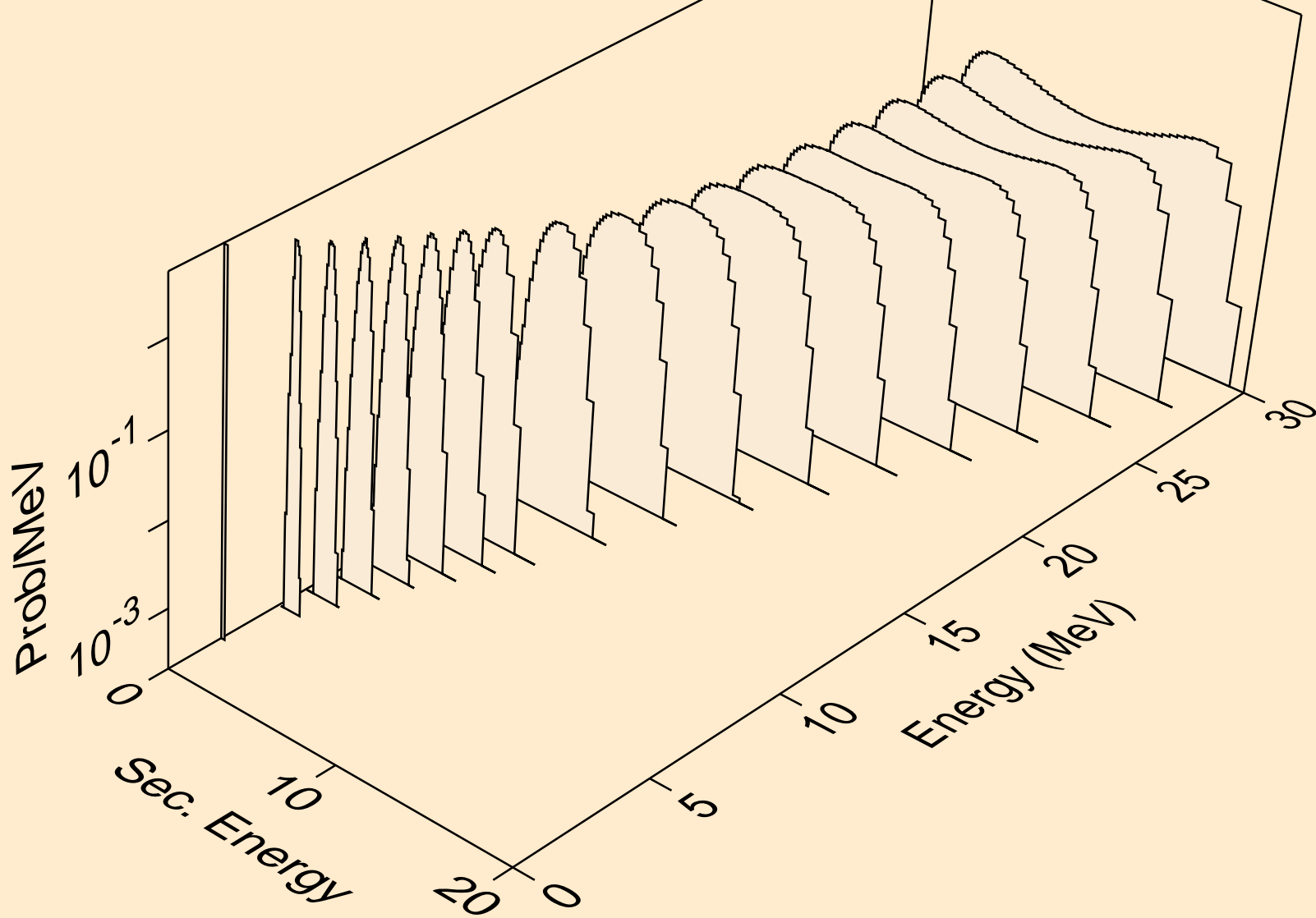
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alphas from (s,npa)



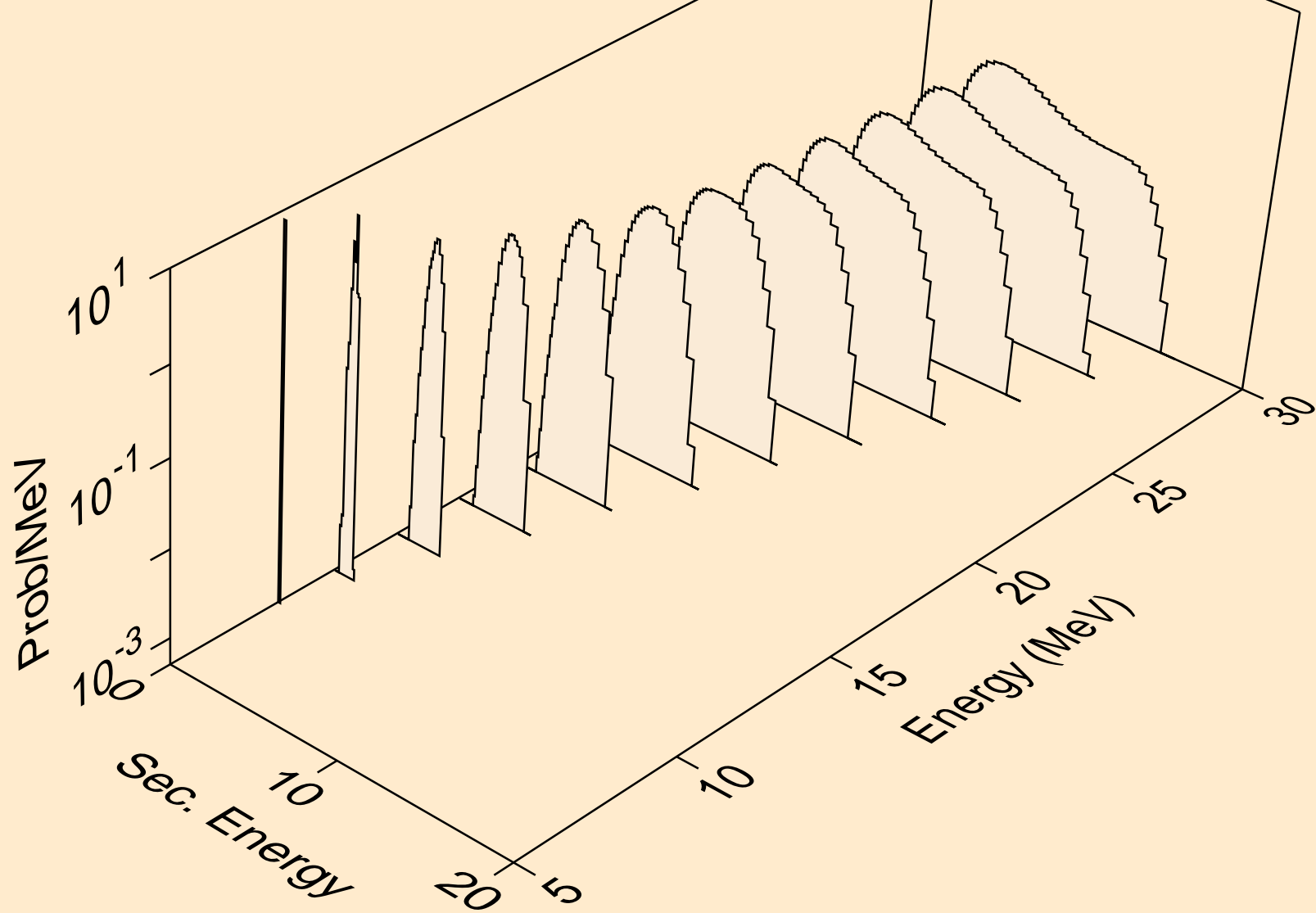
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,a)



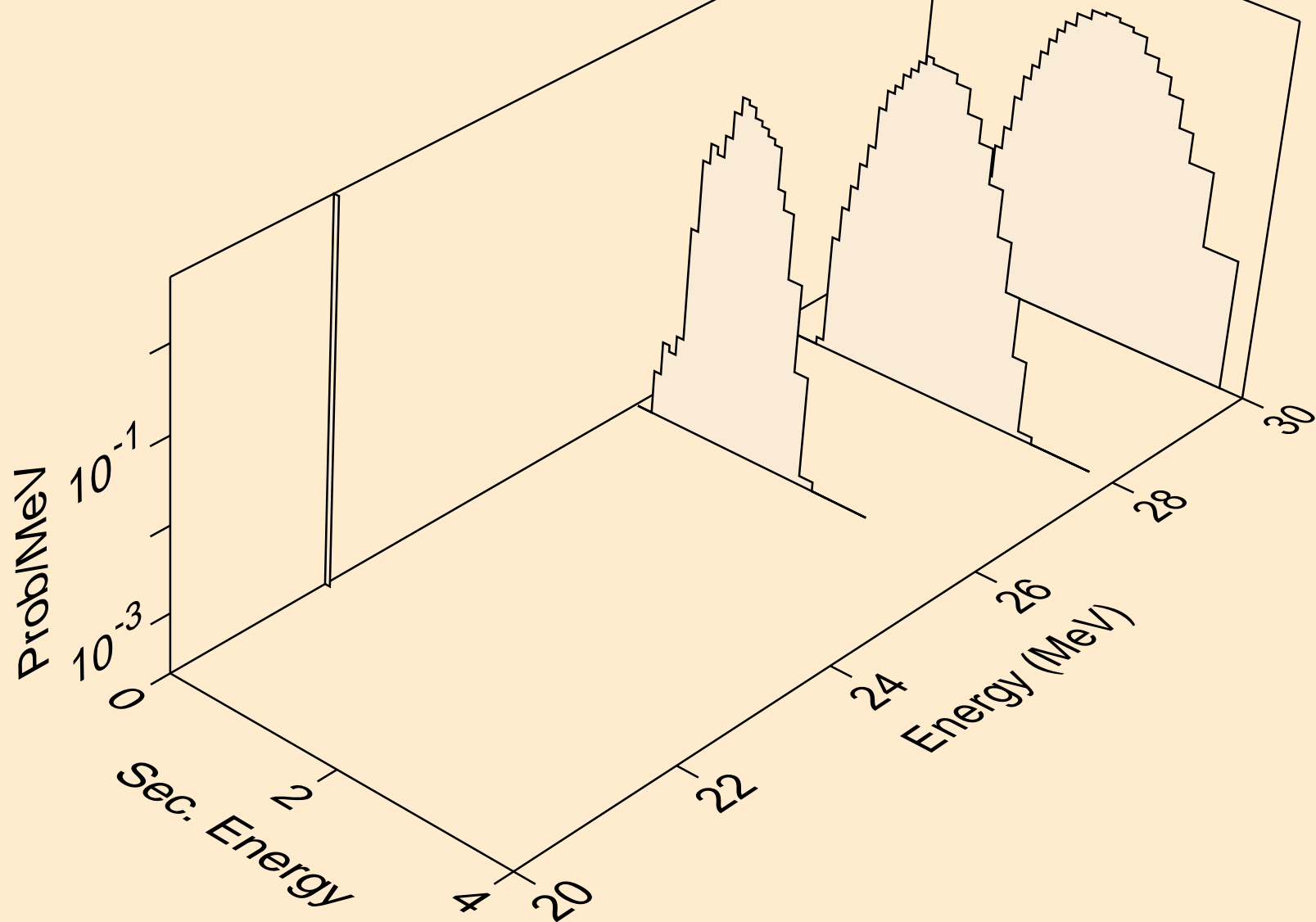
O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2a)



O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,pa)



O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,t2a)



O022 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,da)

