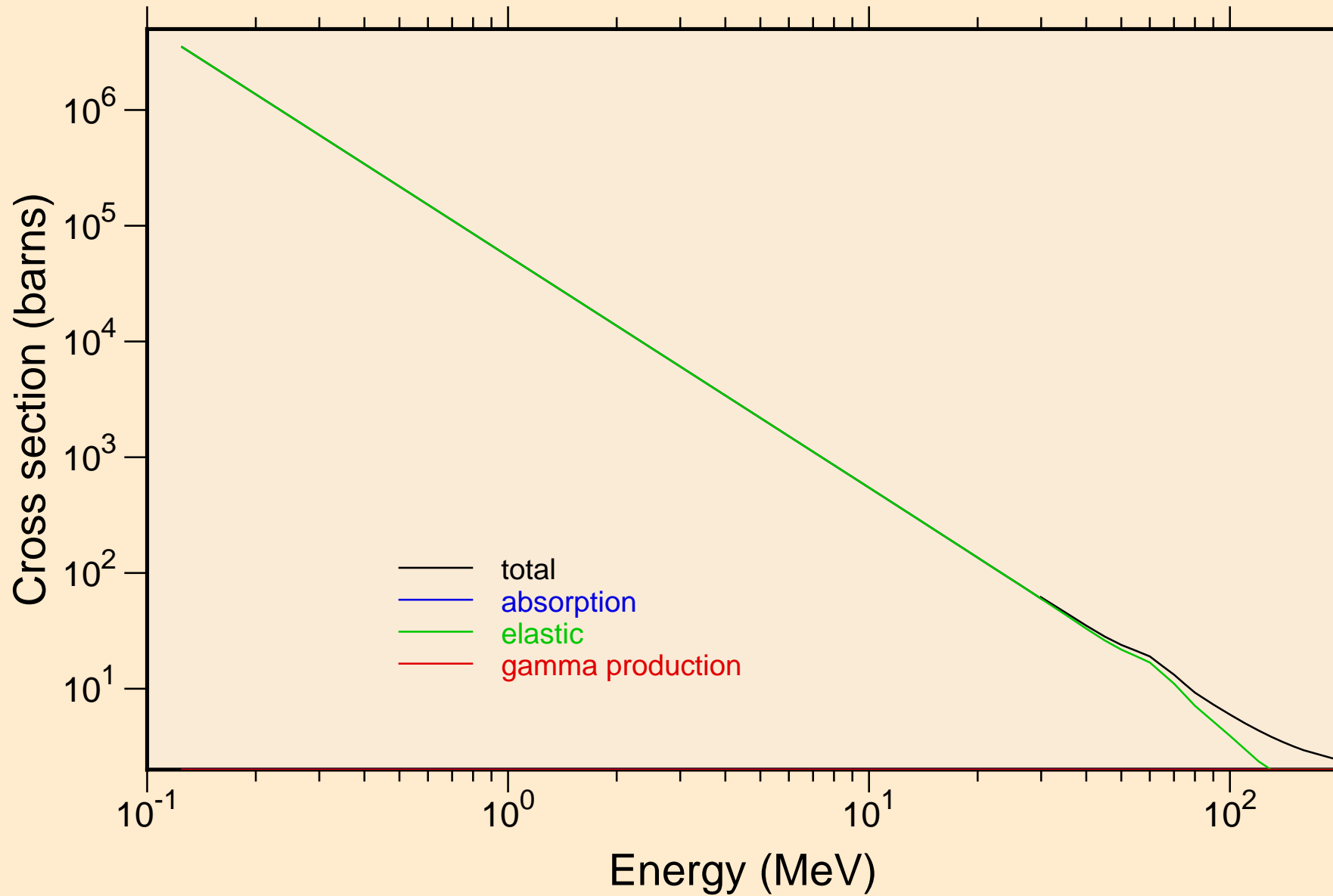
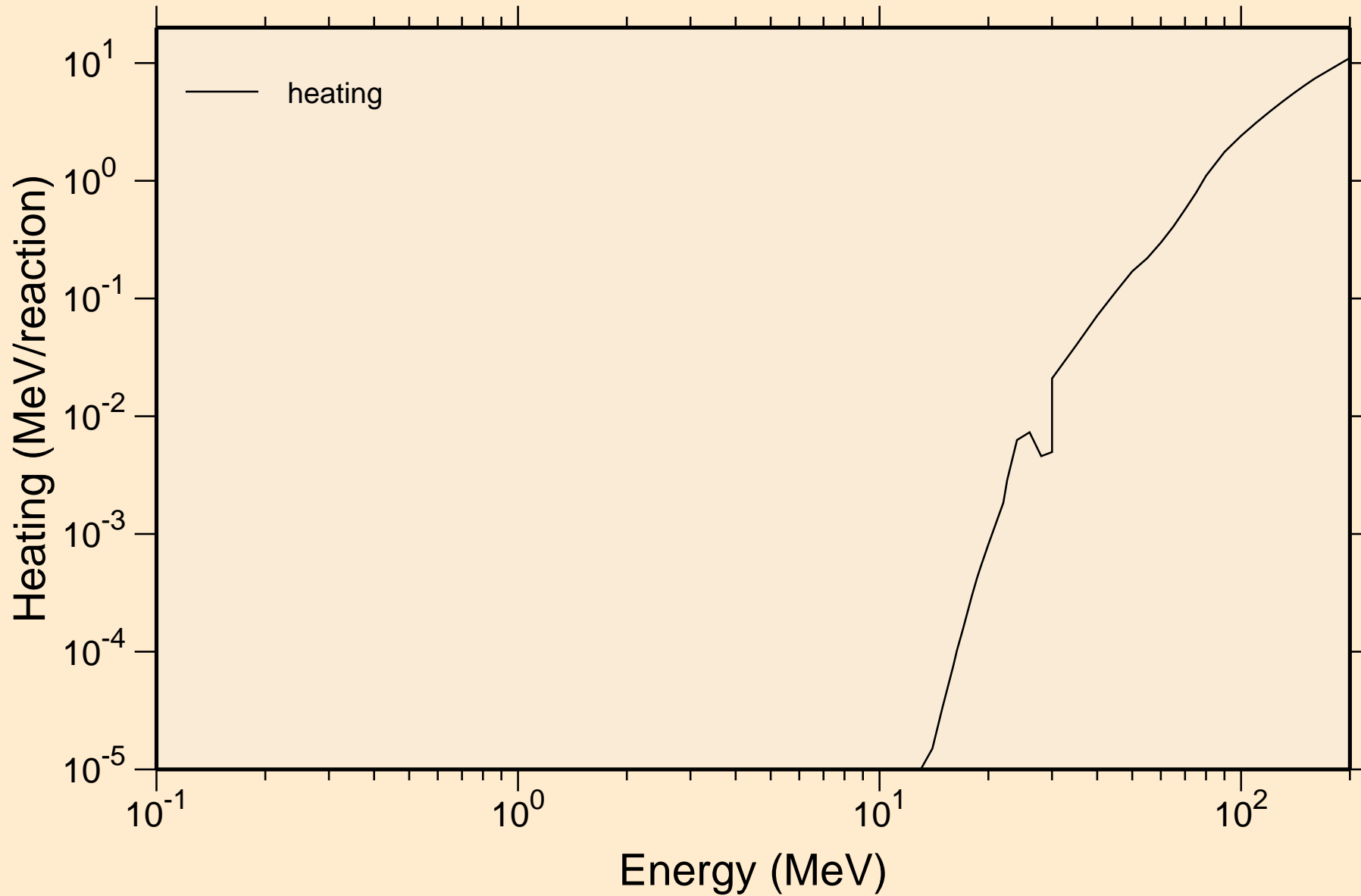


PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



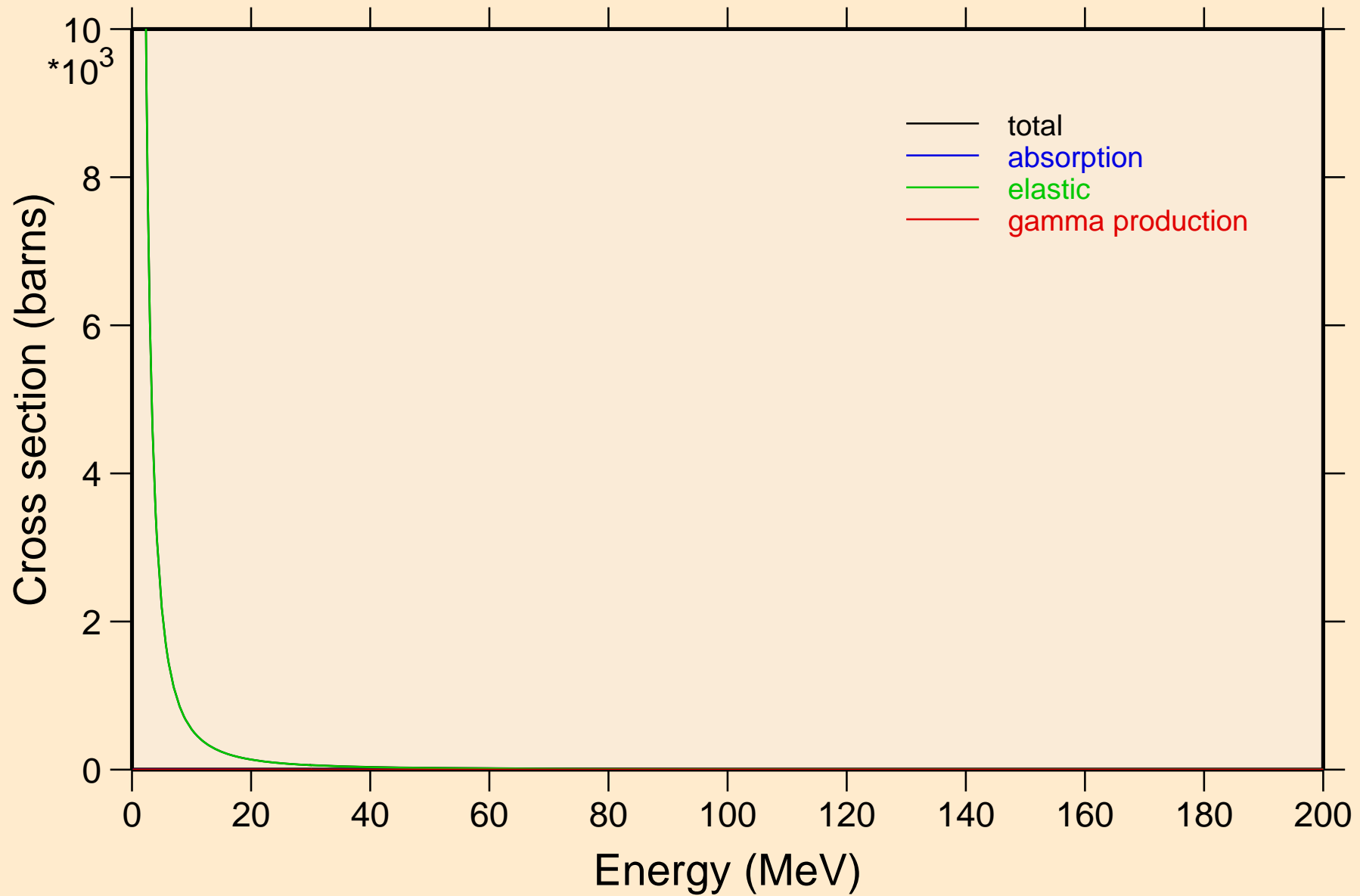
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Heating



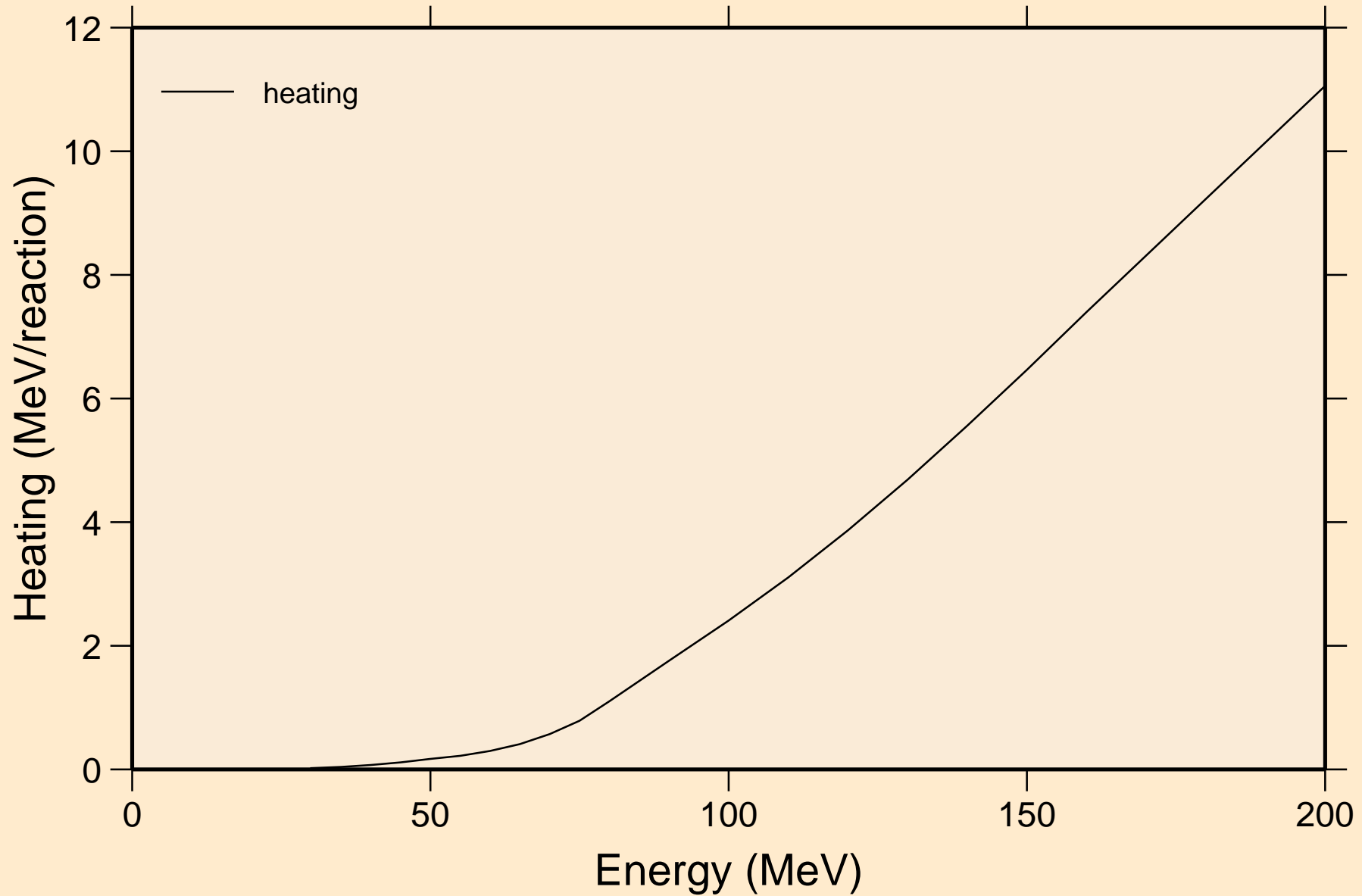
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Principal cross sections

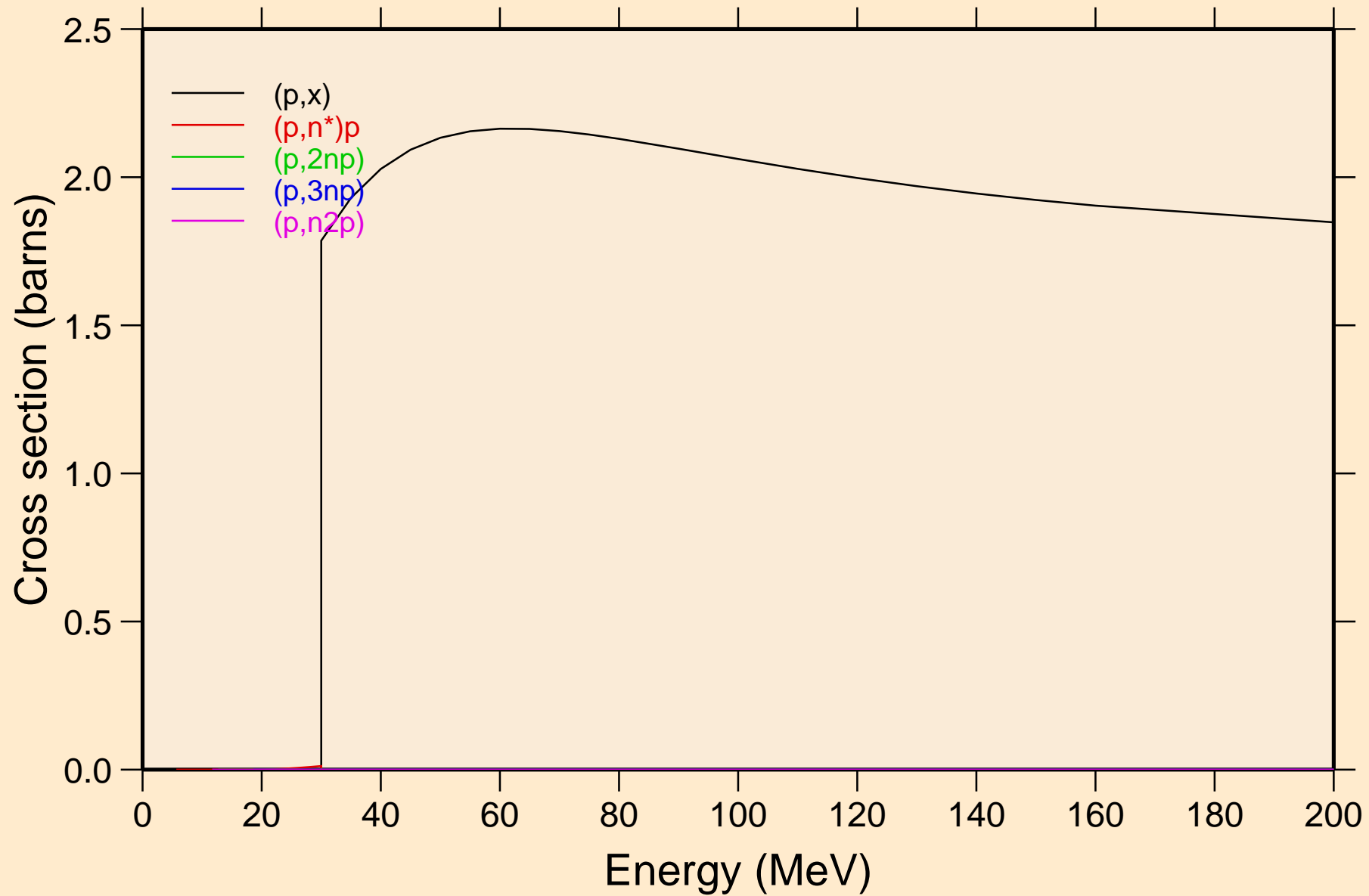


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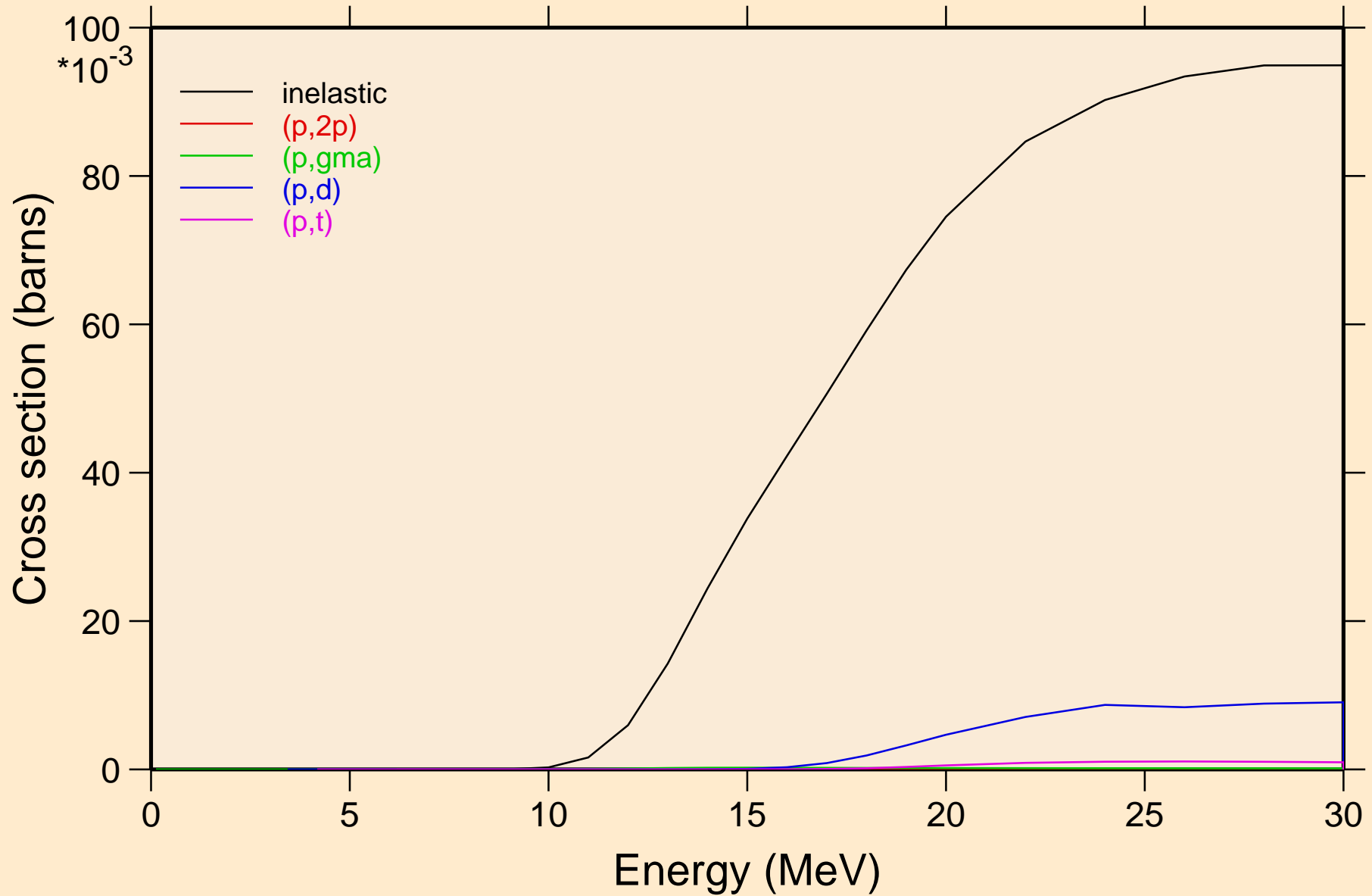
Heating



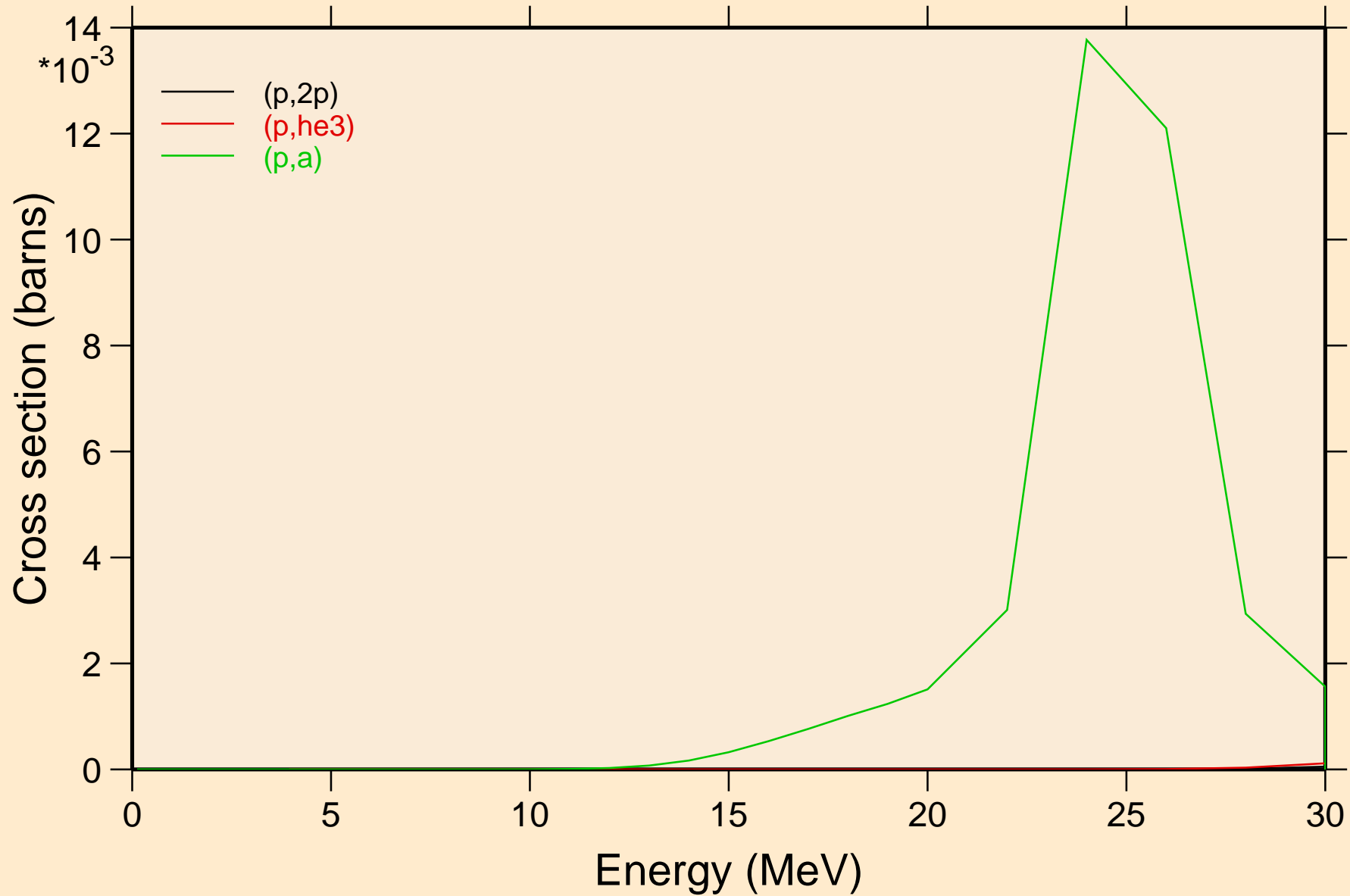
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Threshold reactions



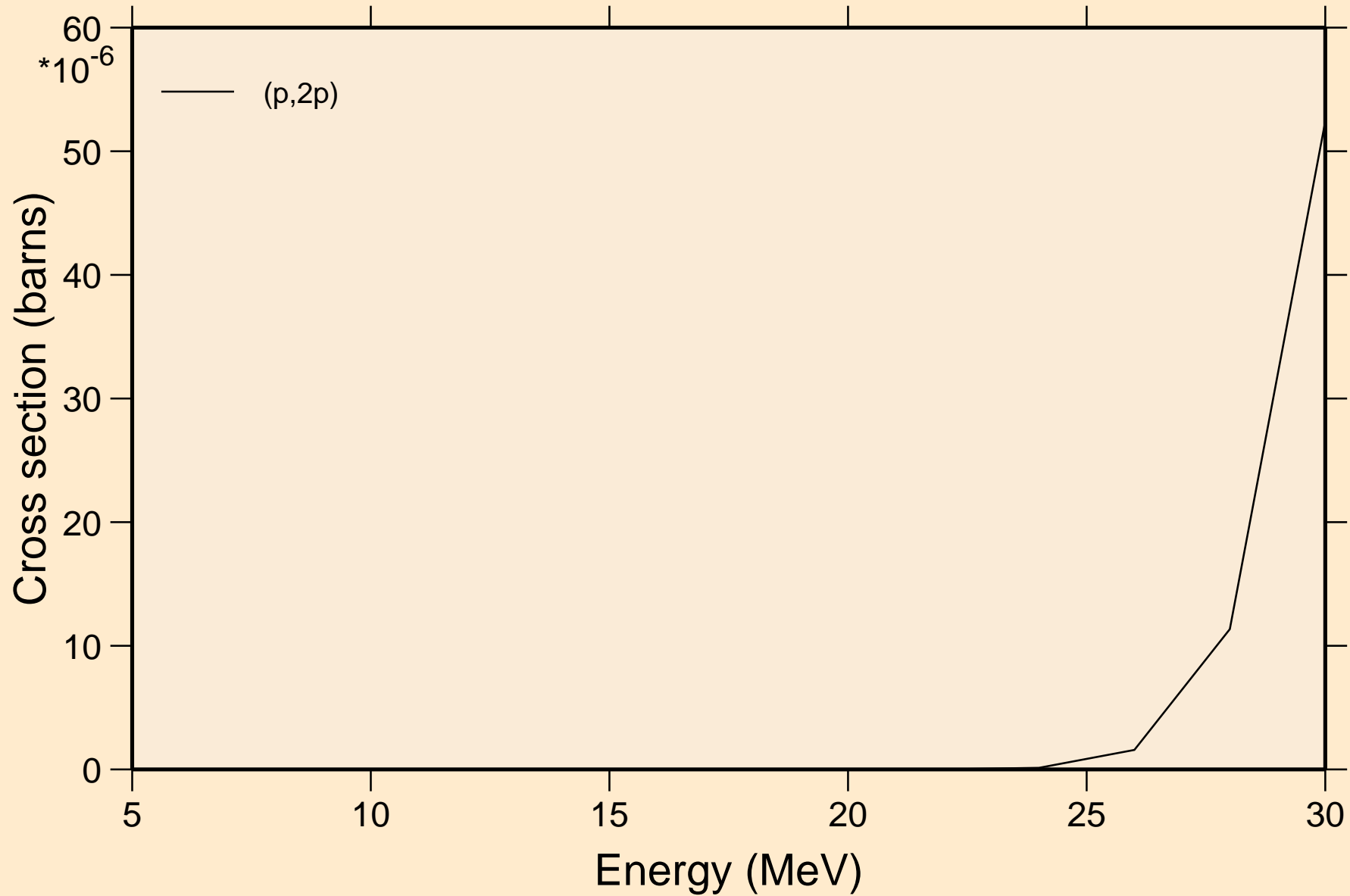
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Threshold reactions



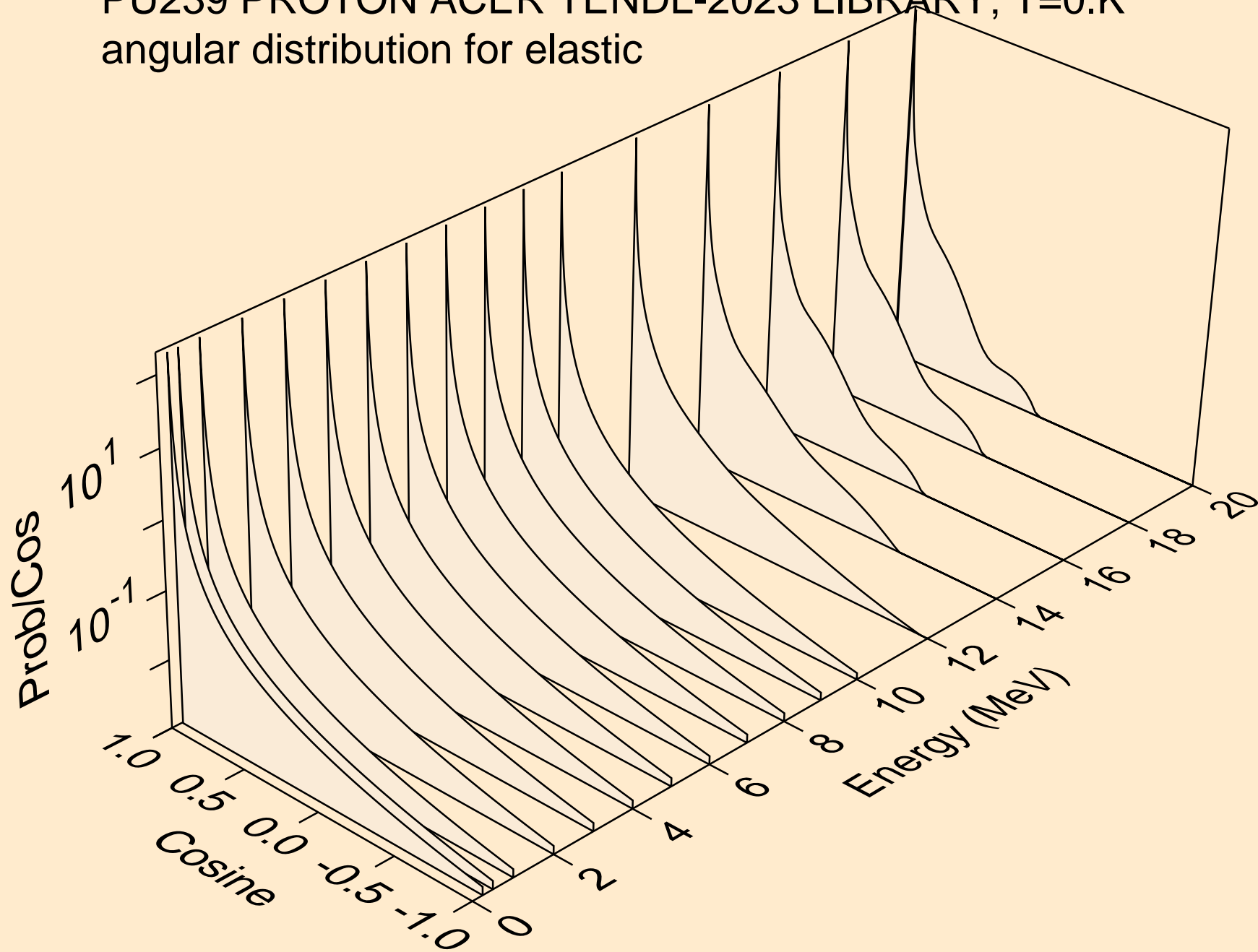
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Threshold reactions



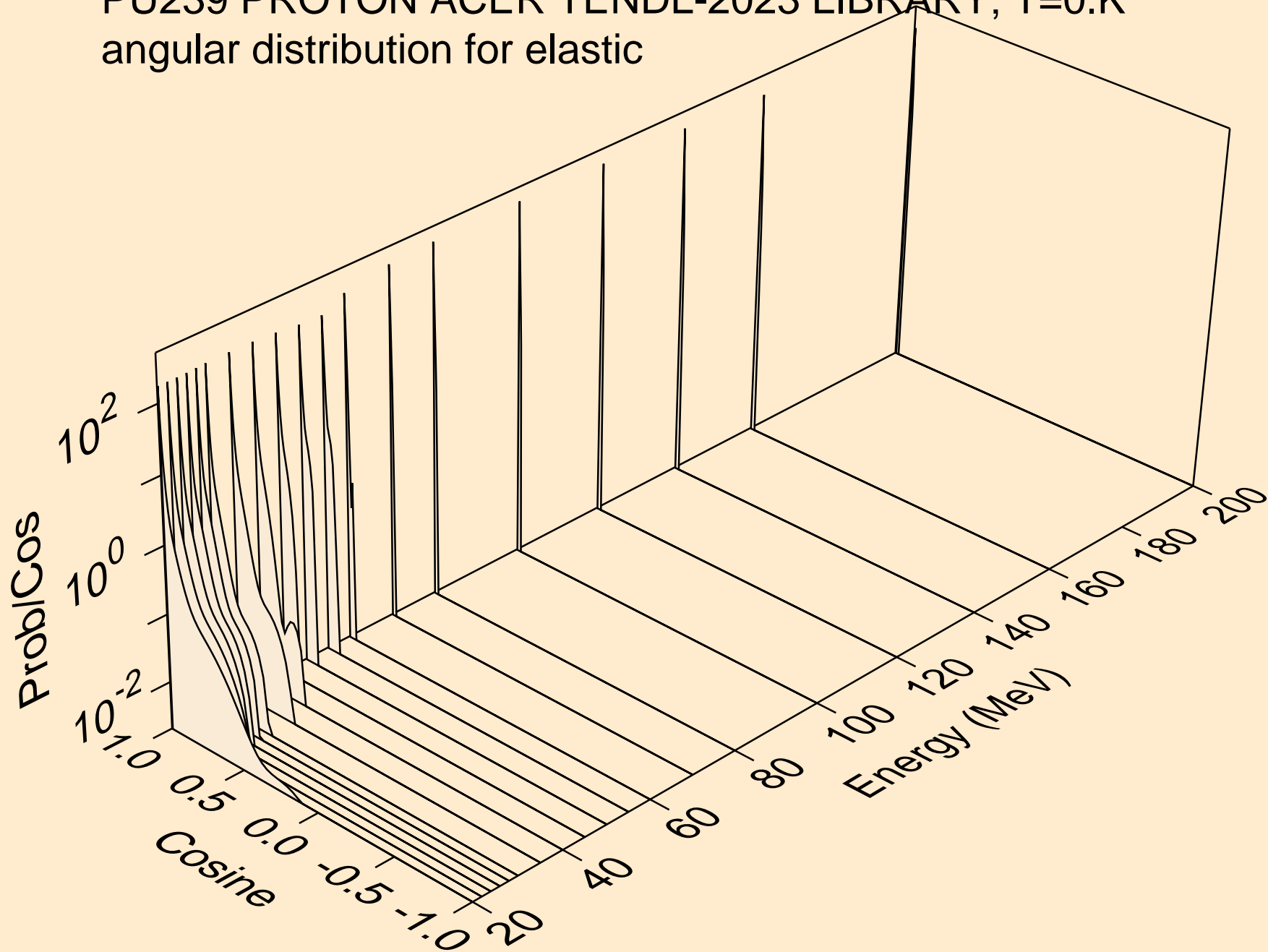
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Threshold reactions



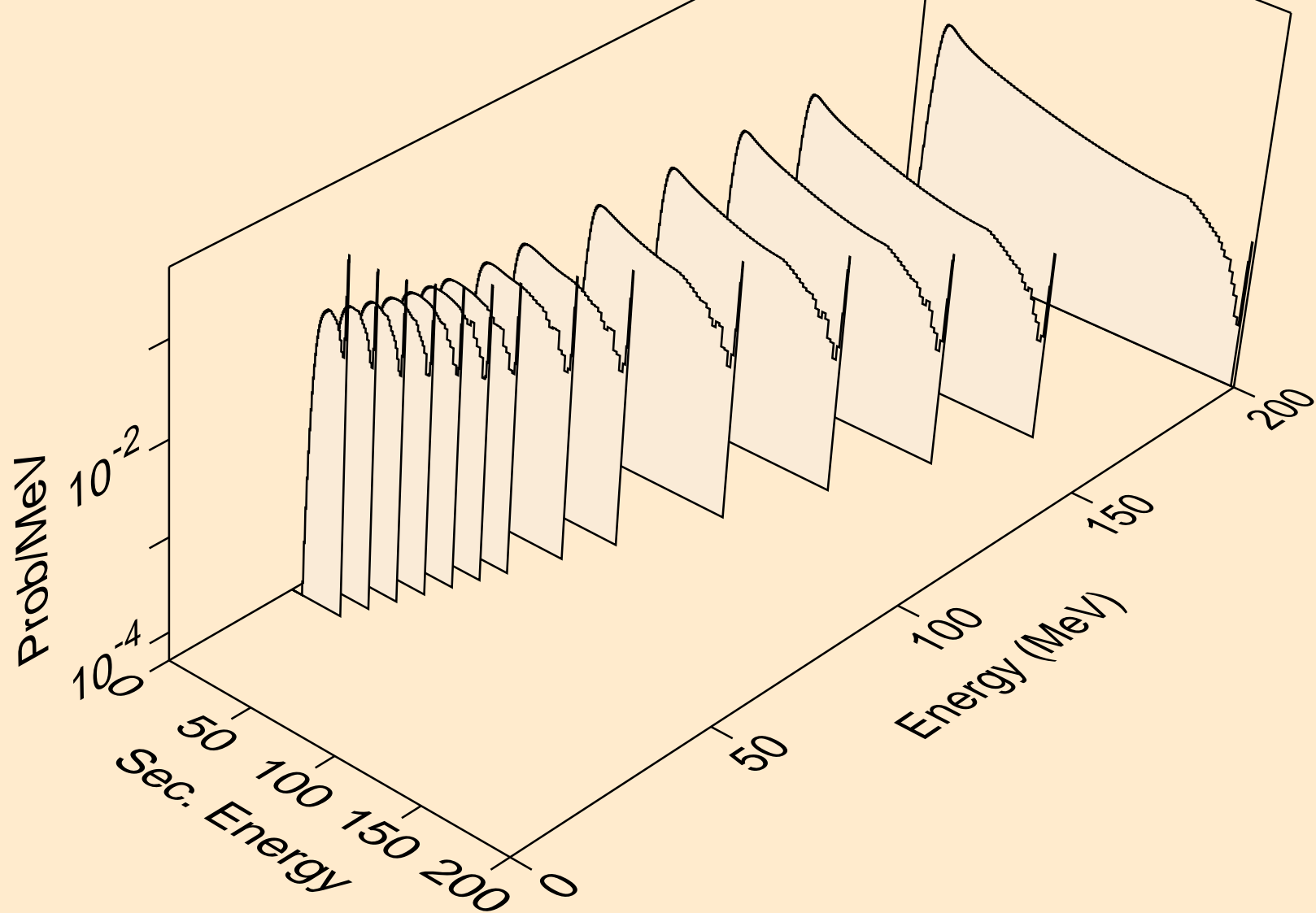
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angular distribution for elastic



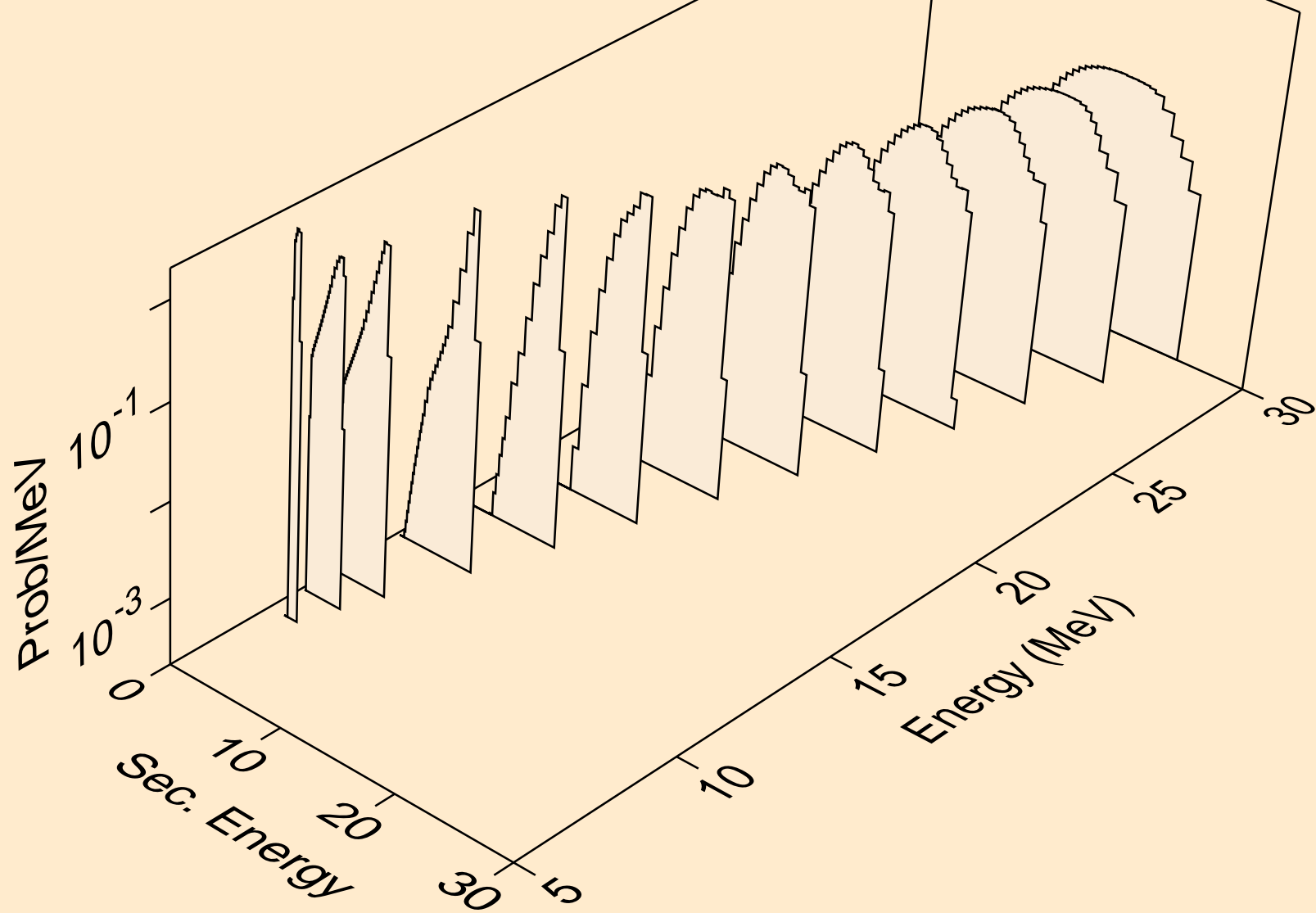
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angular distribution for elastic



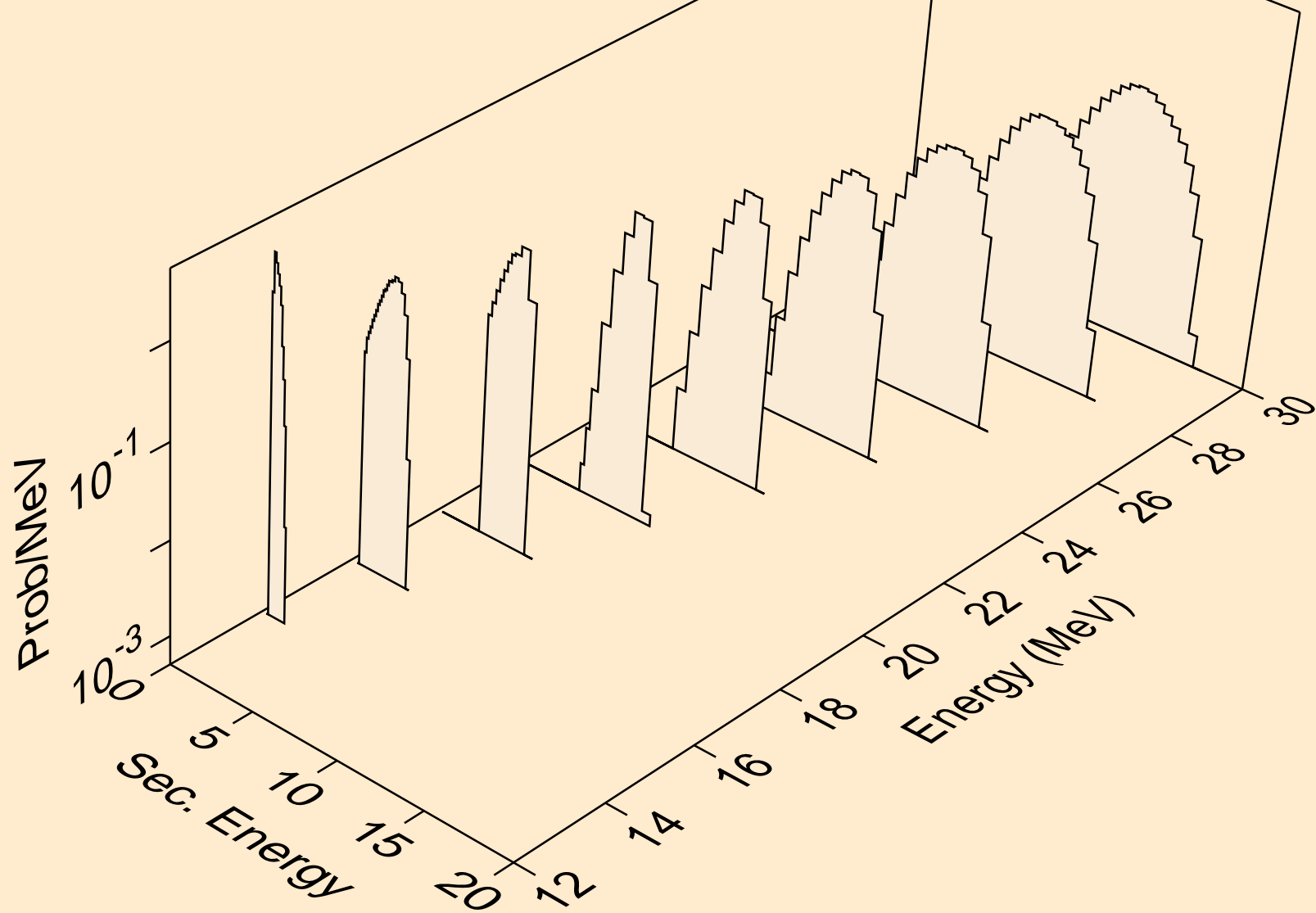
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)



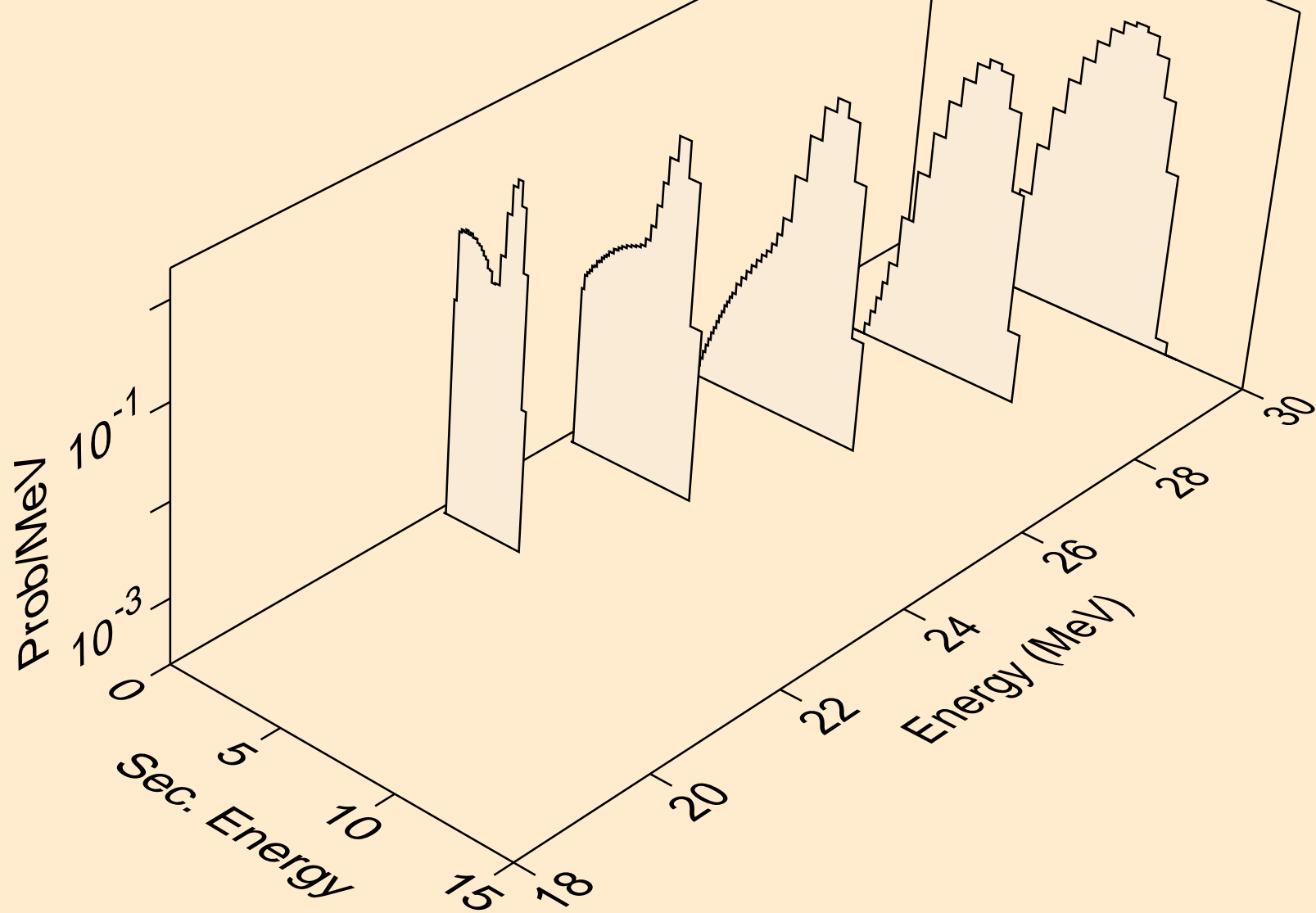
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n*)p



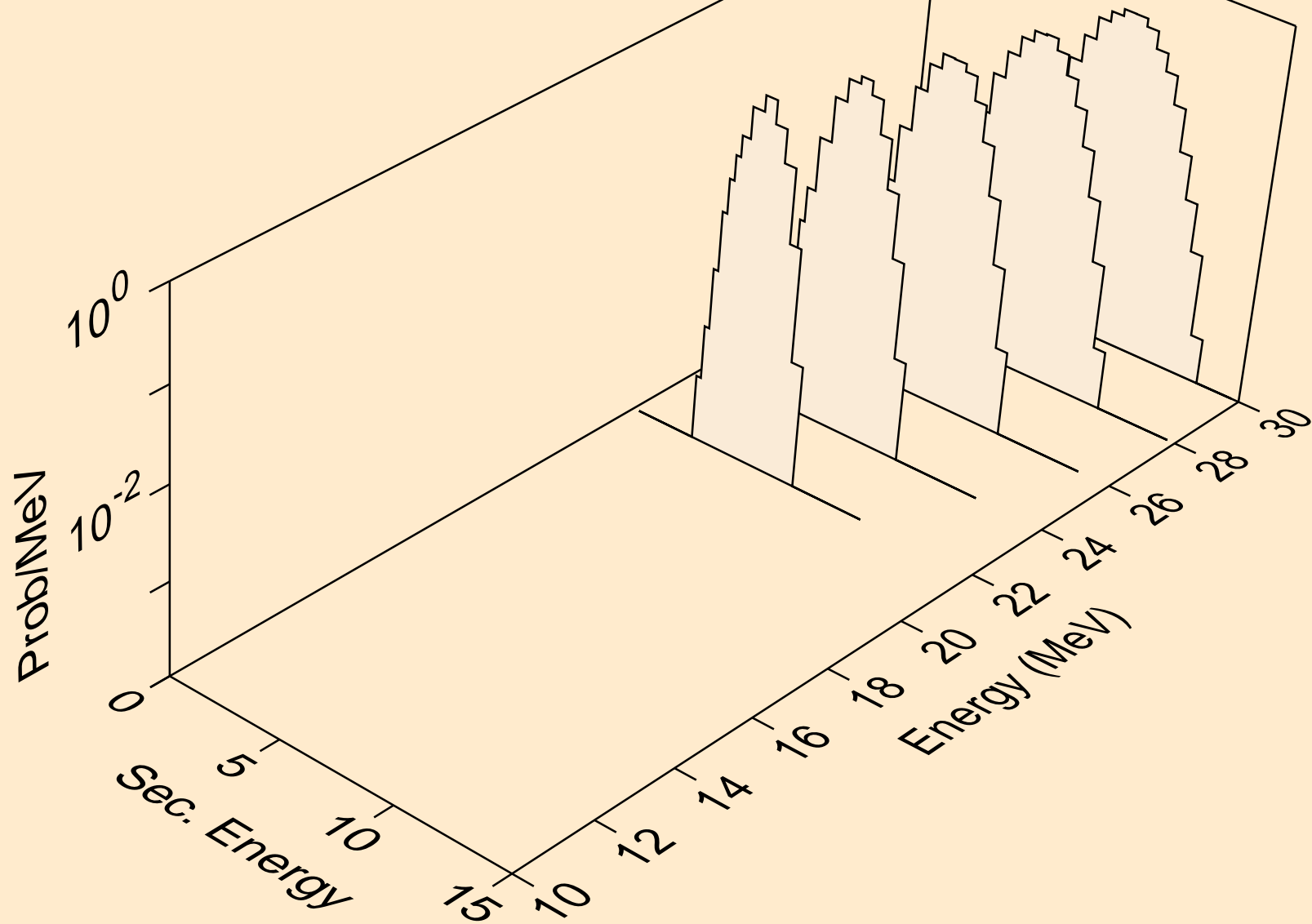
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



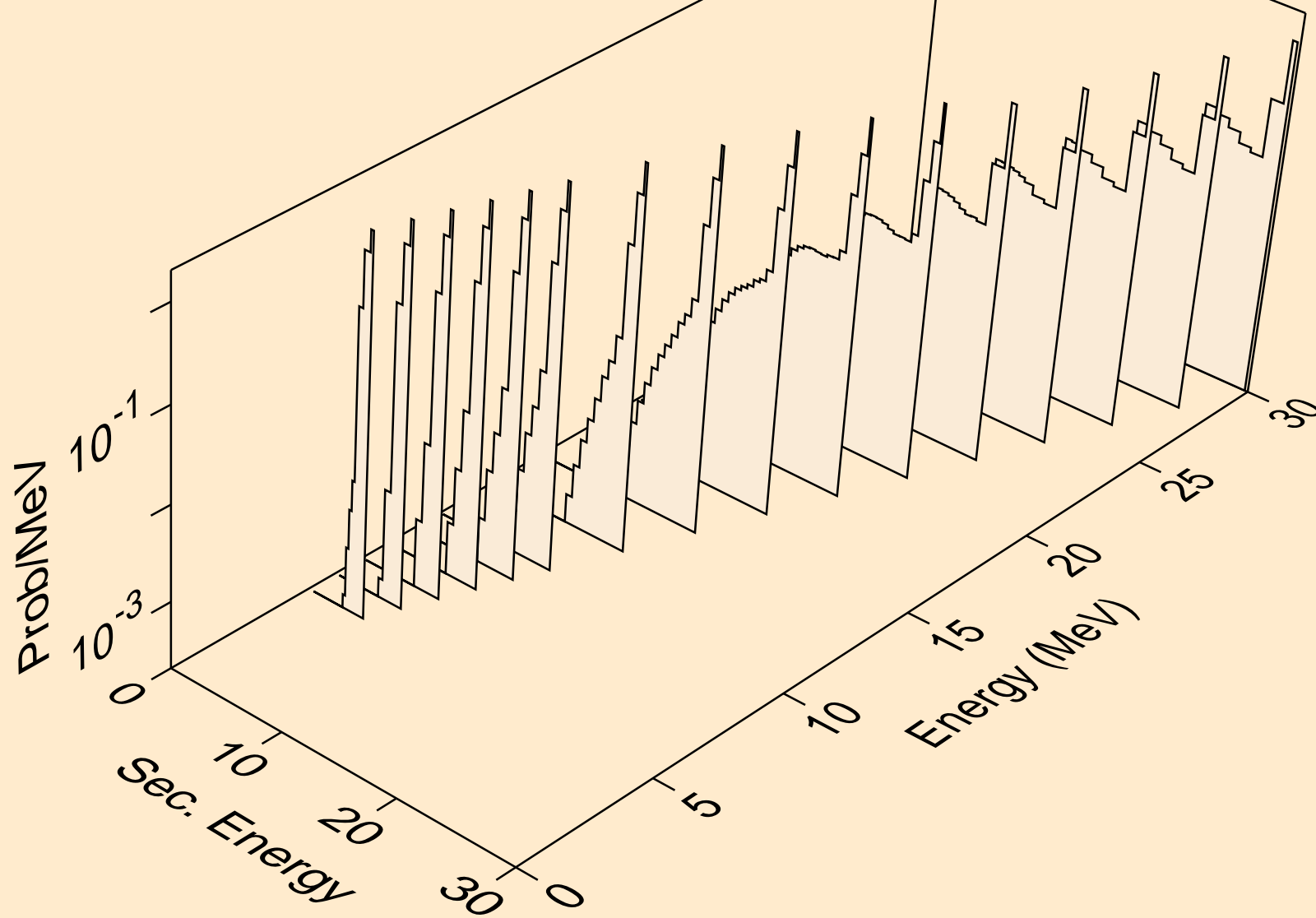
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)



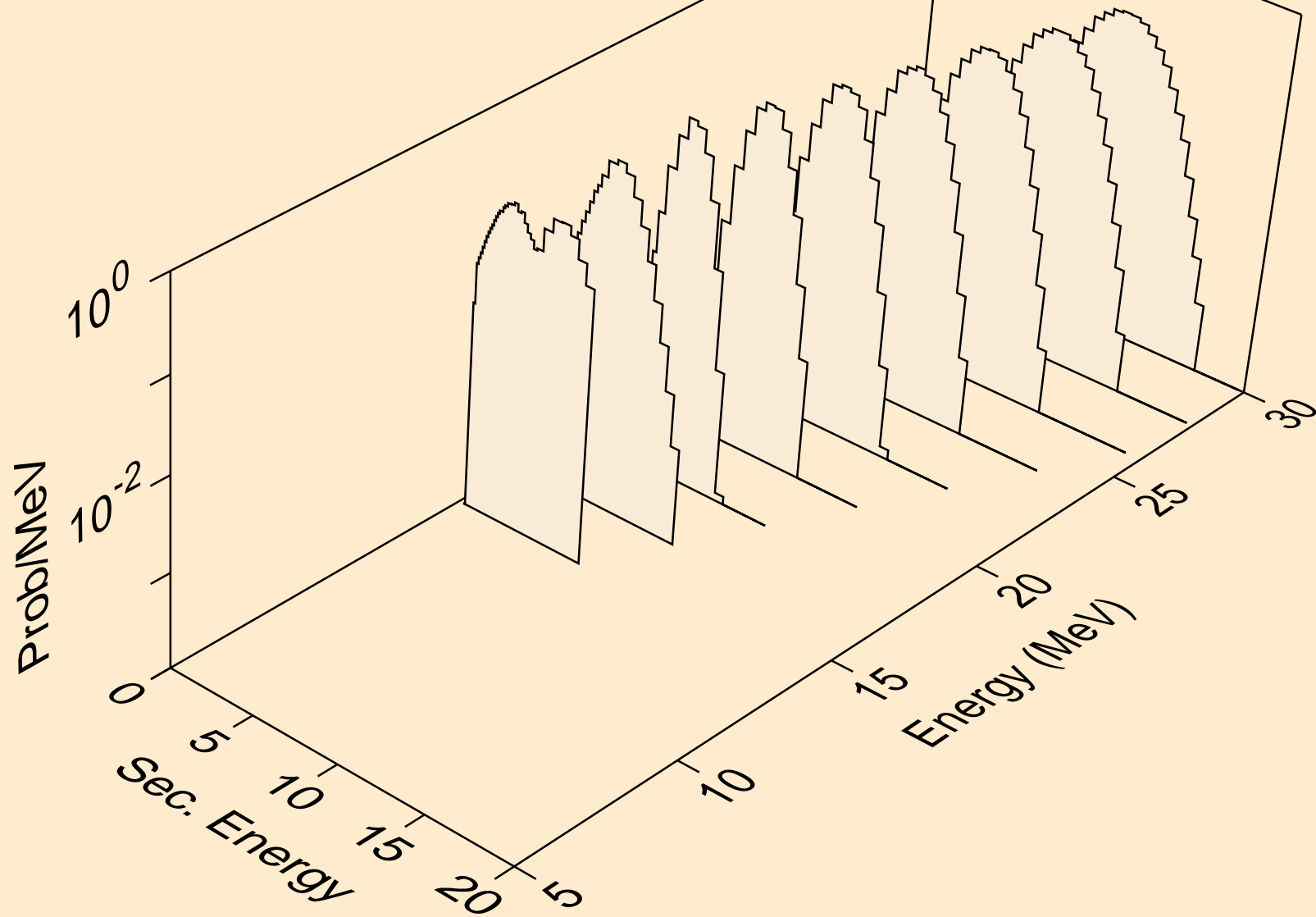
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



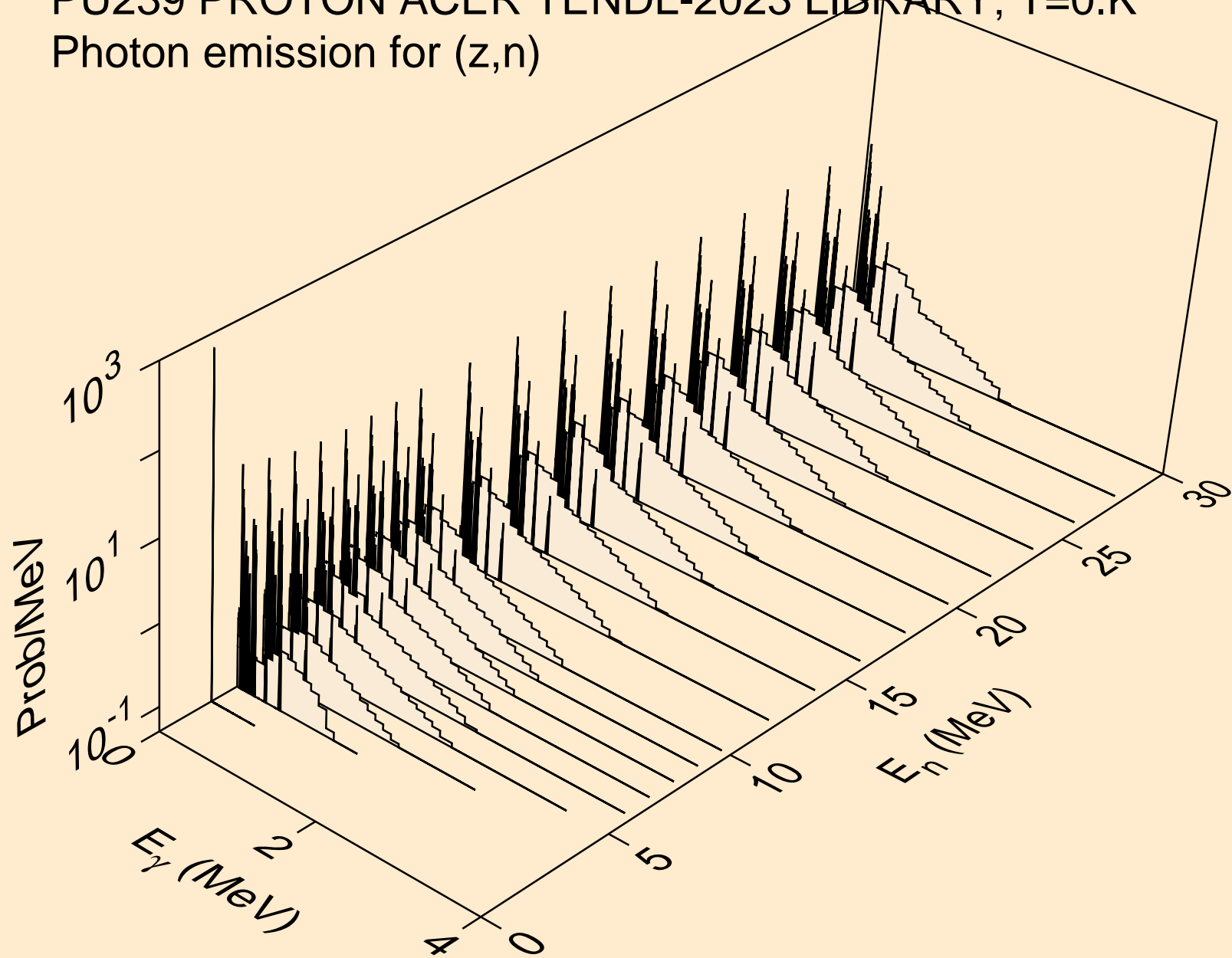
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



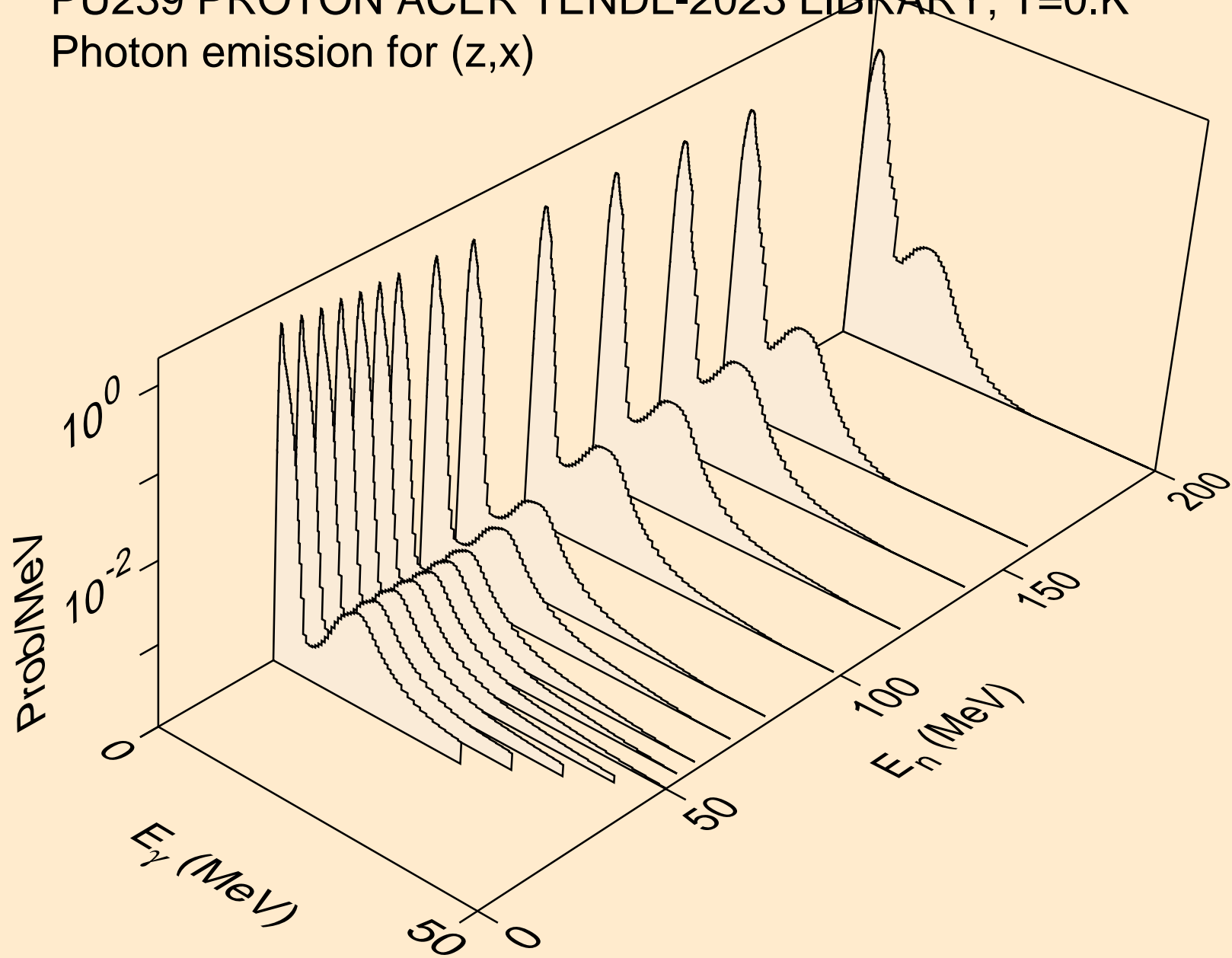
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2p)



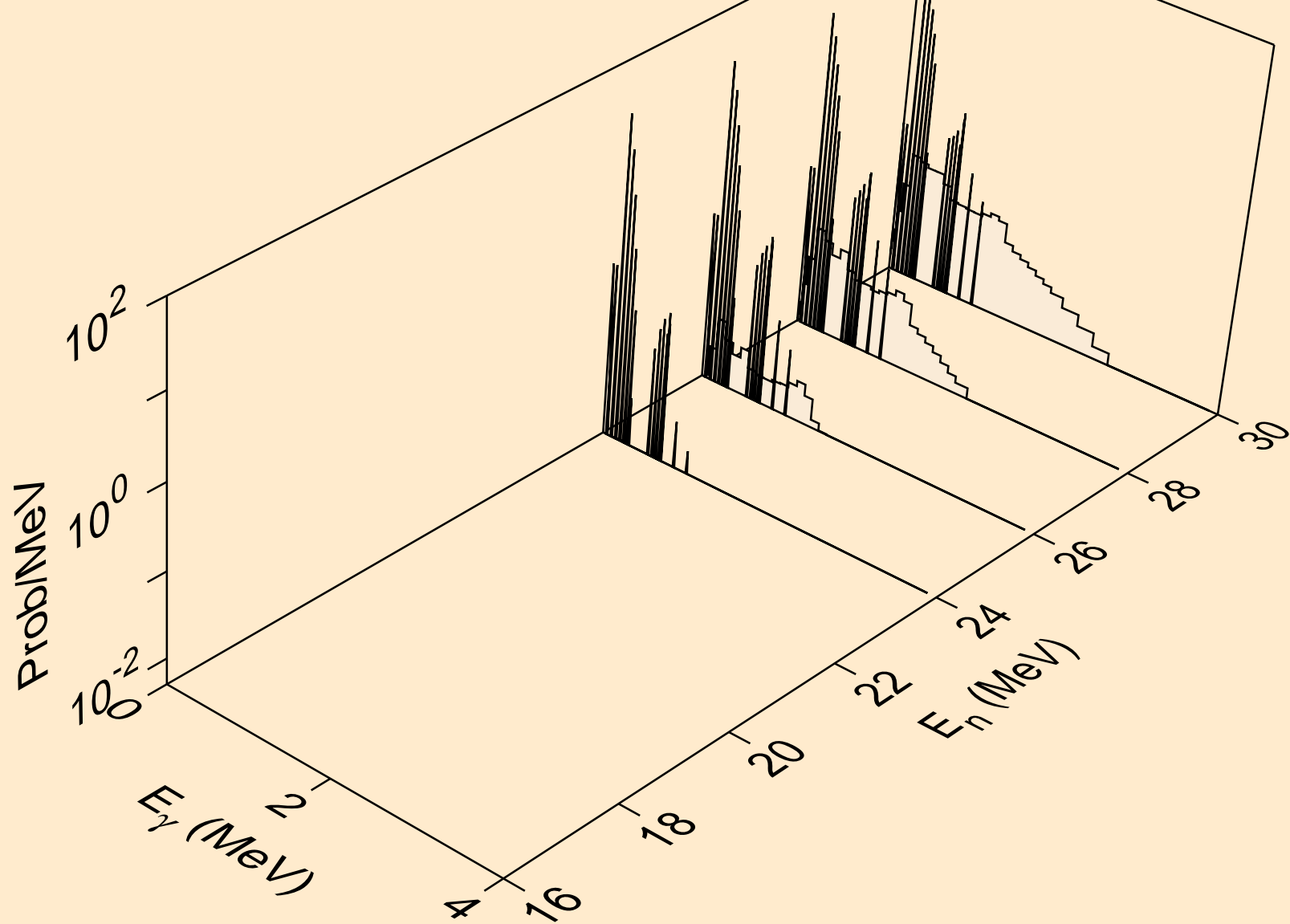
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



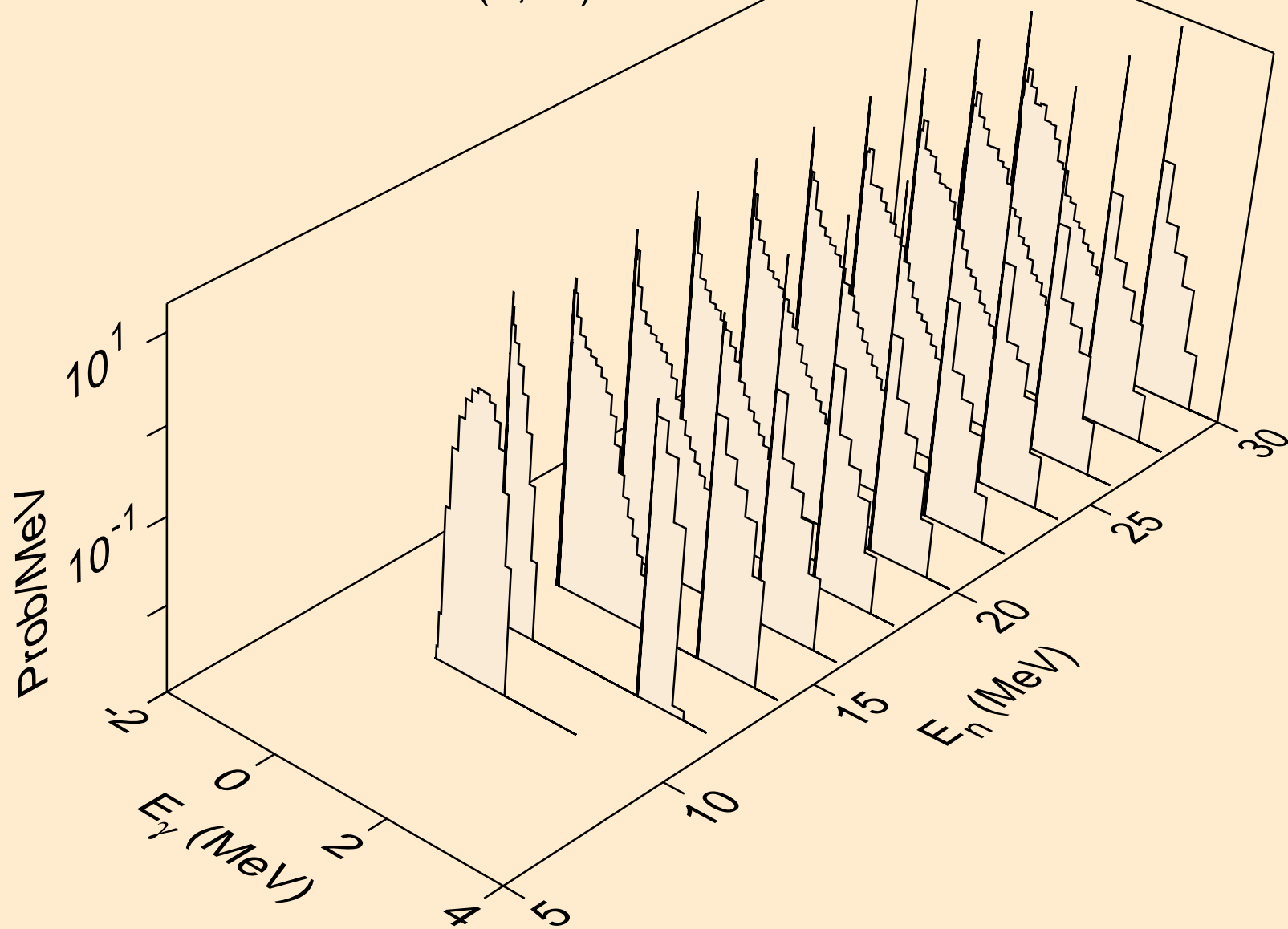
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



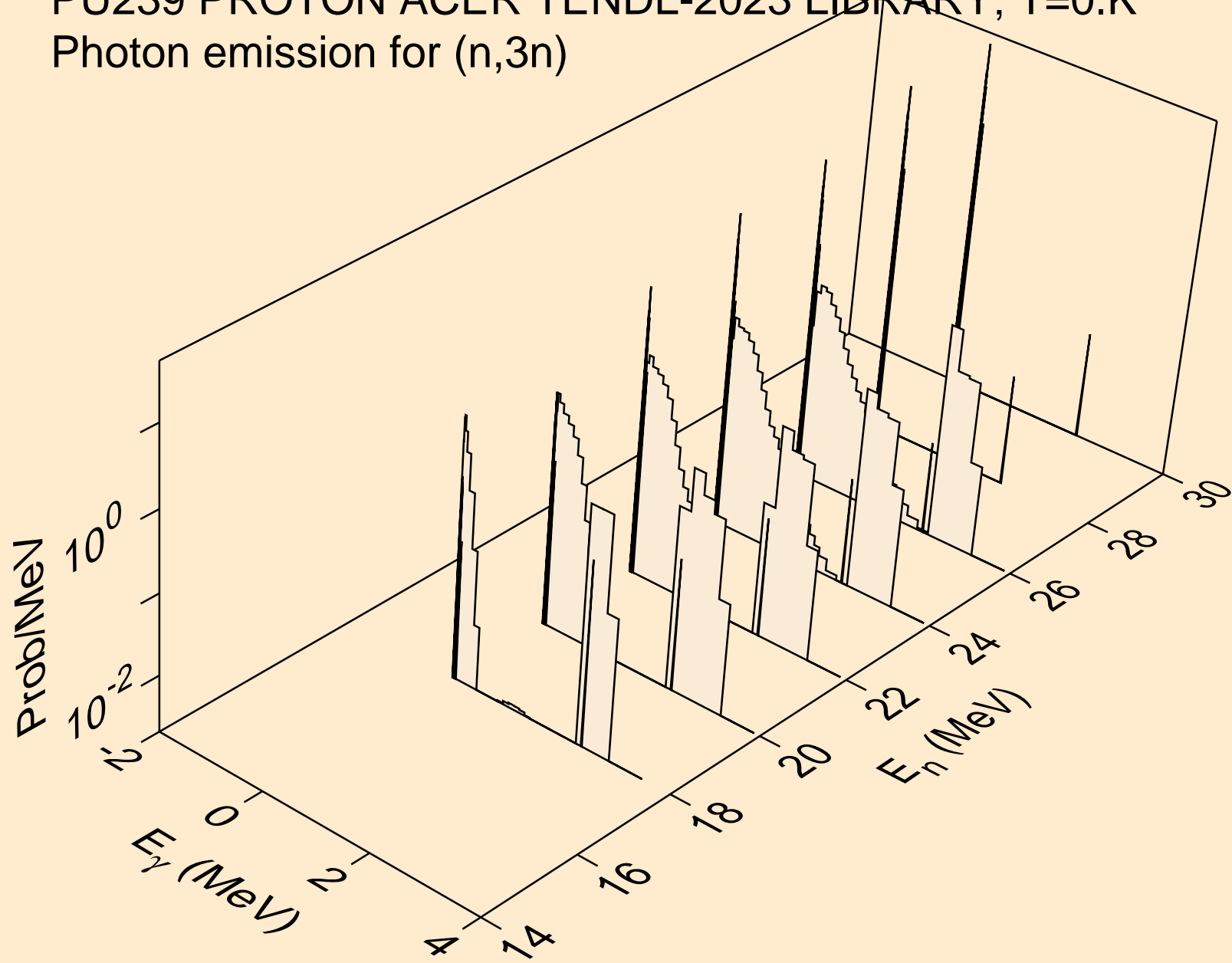
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



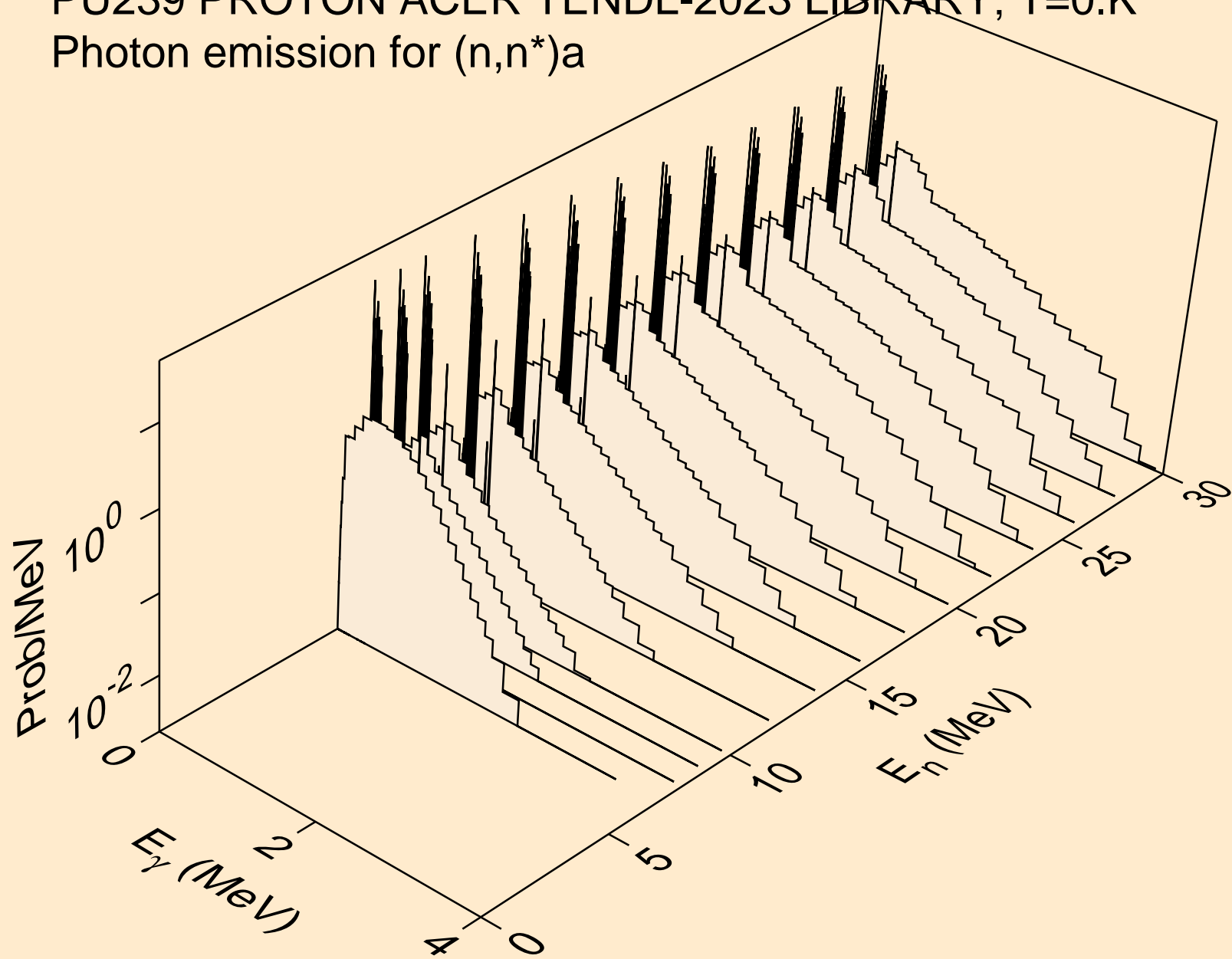
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Photon emission for (n,2n)



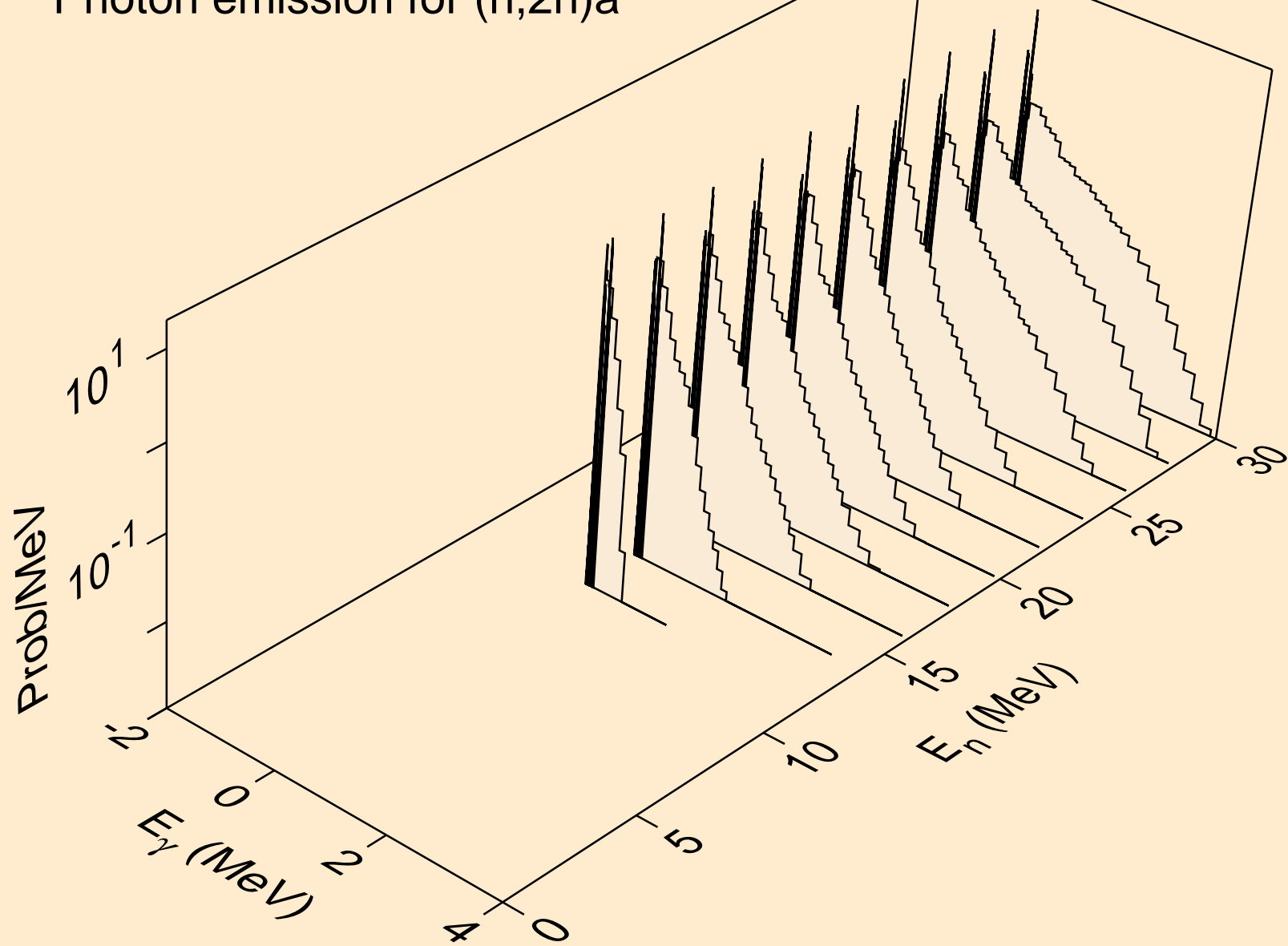
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Photon emission for (n,3n)



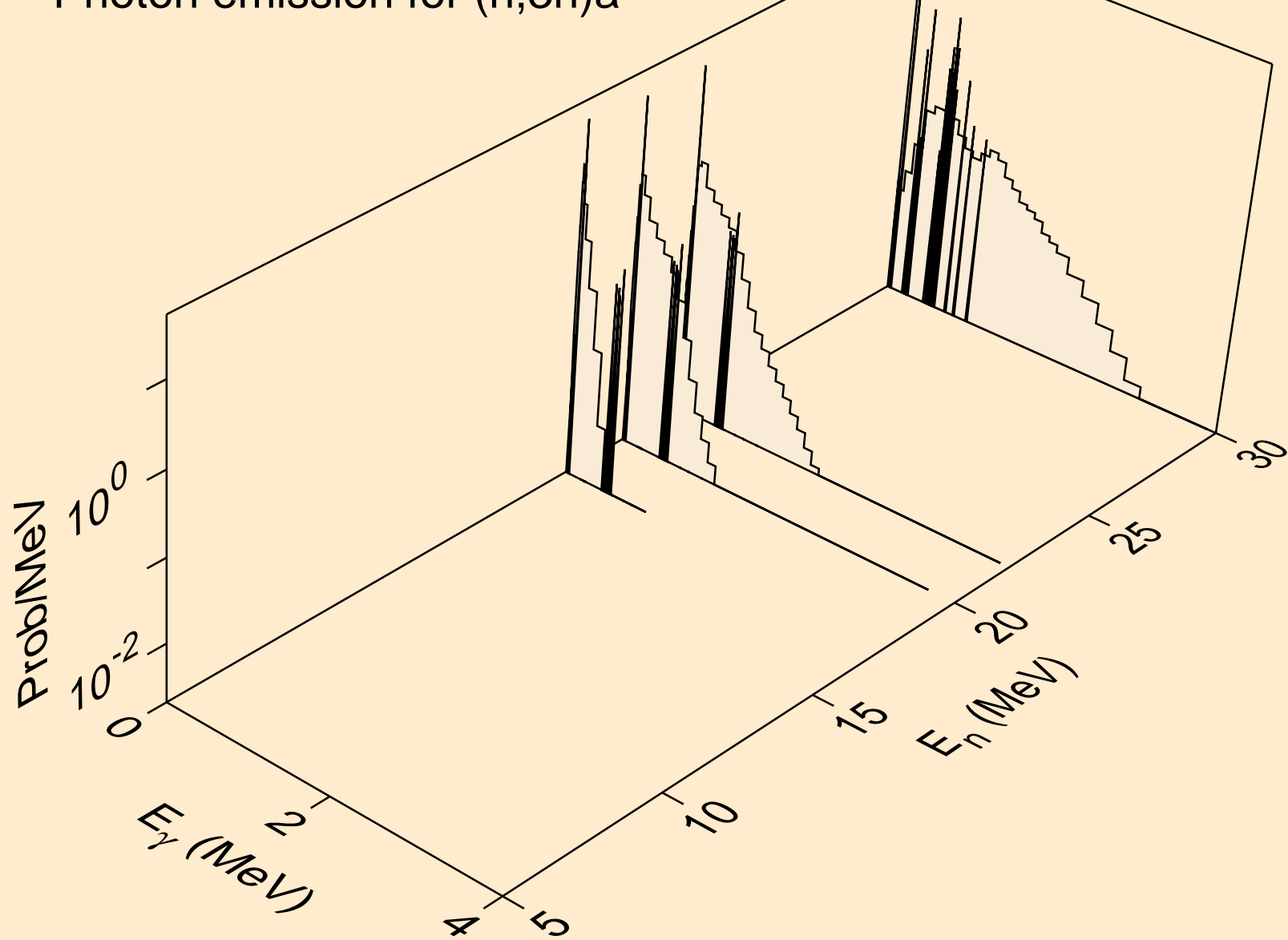
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



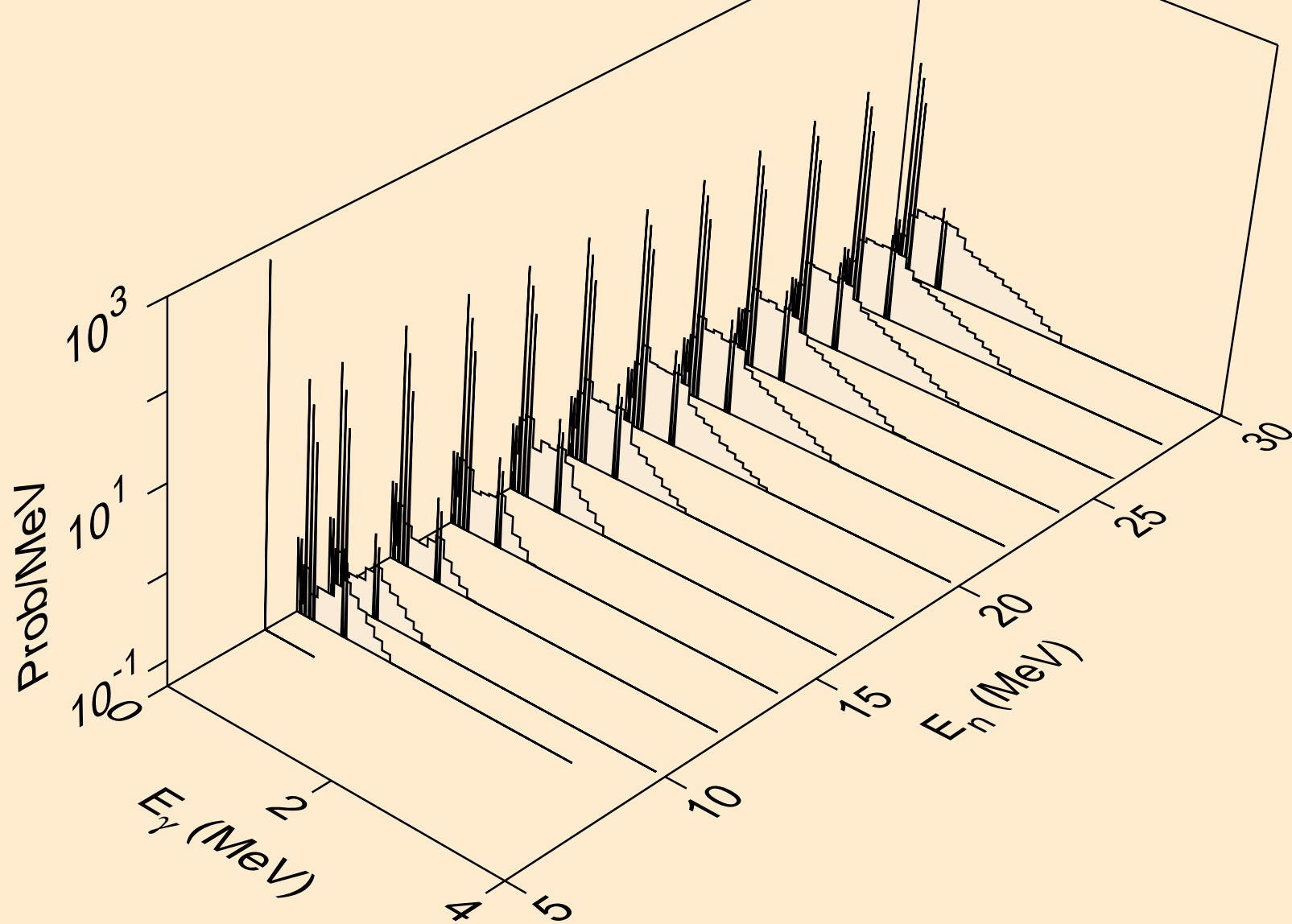
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Photon emission for (n,2n)a



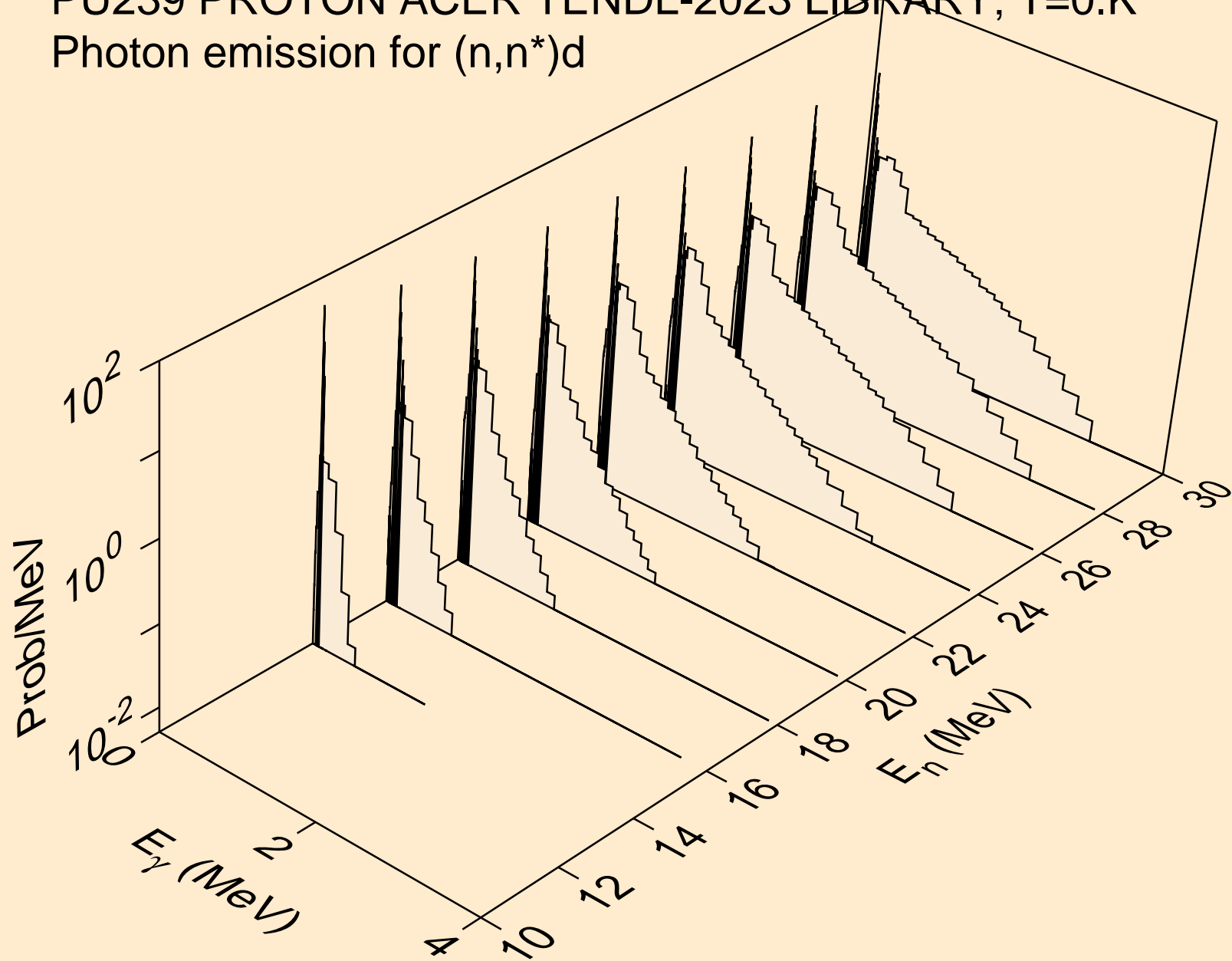
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Photon emission for (n,3n)a



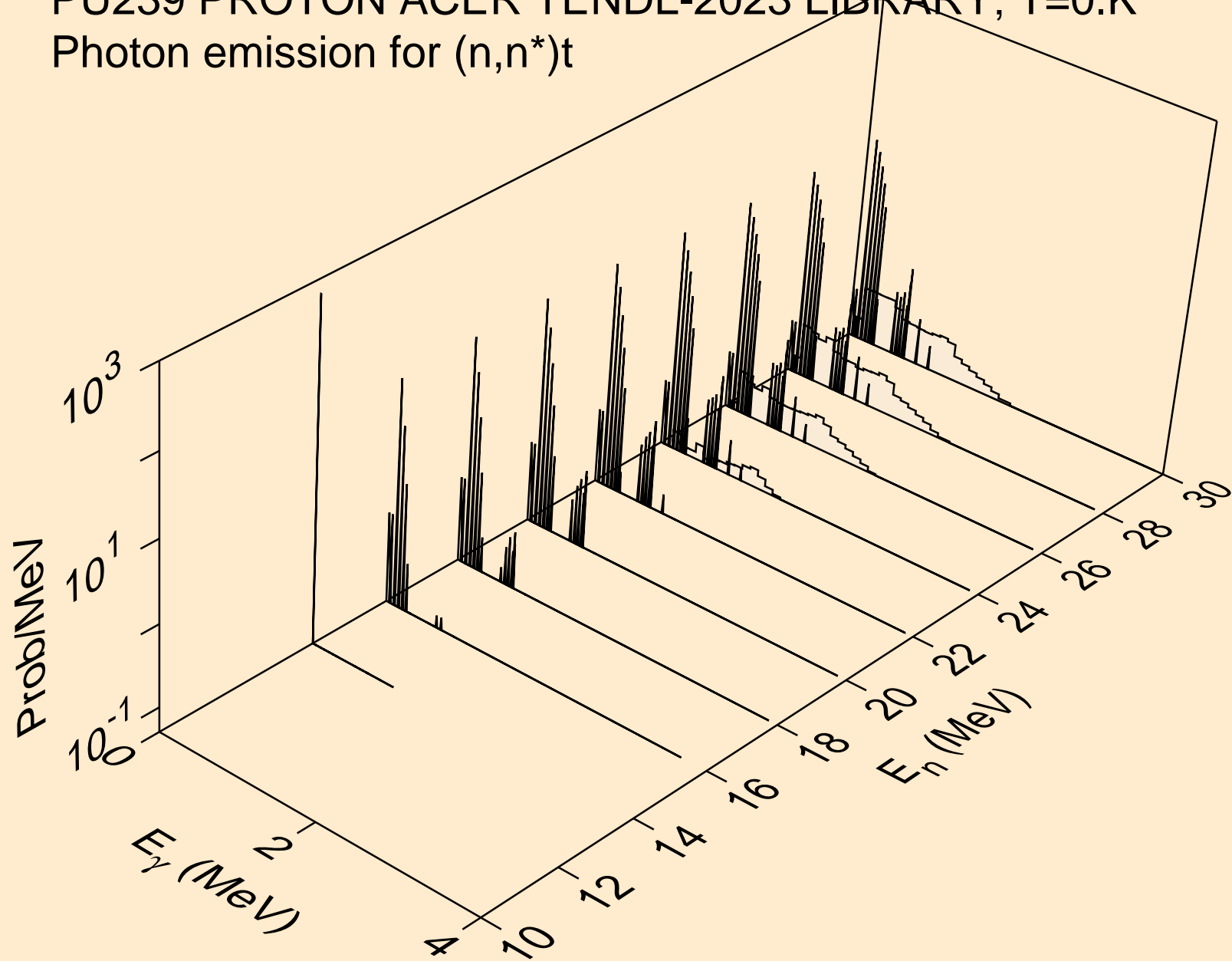
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Photon emission for (n,n*)p



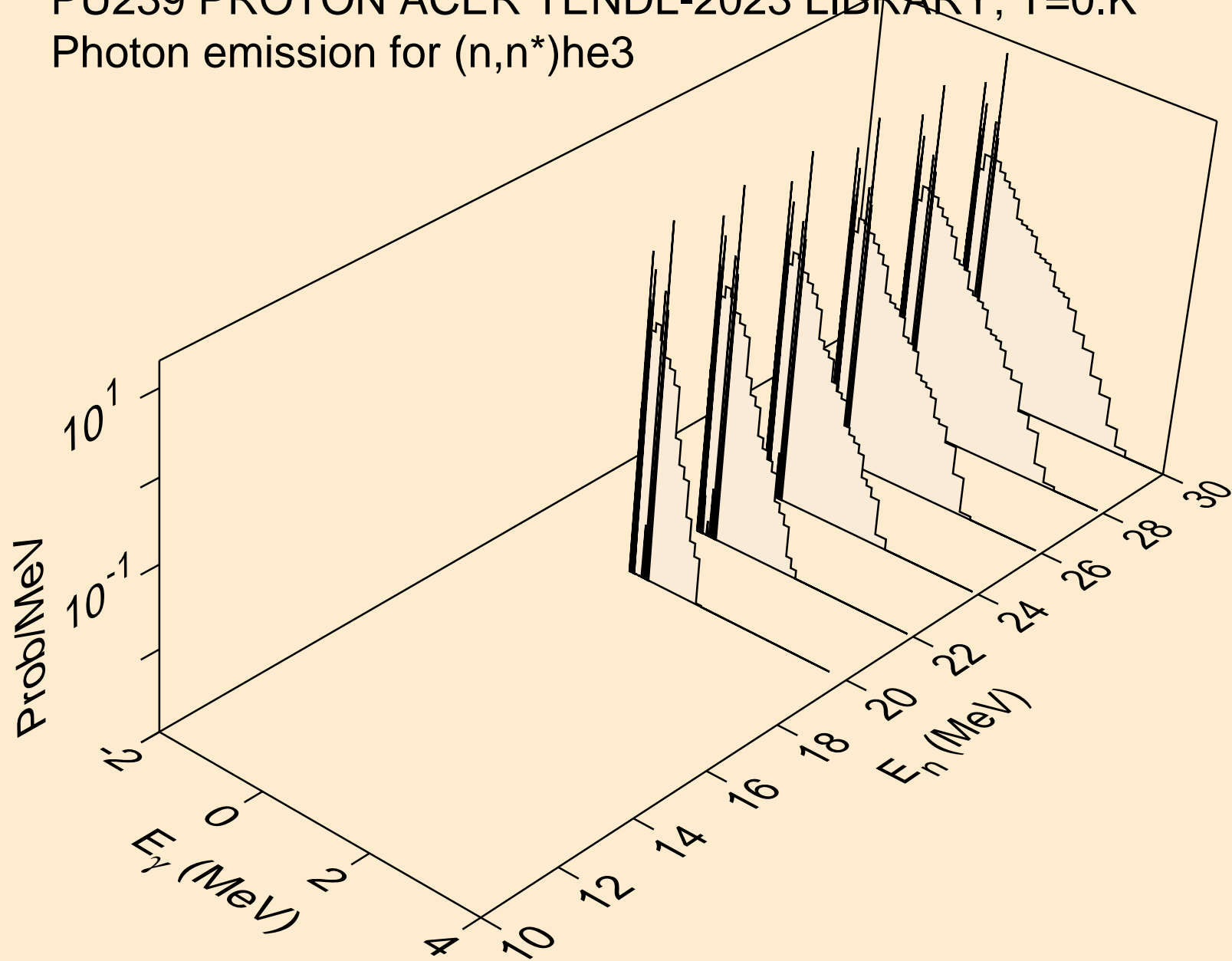
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Photon emission for (n,n*)d



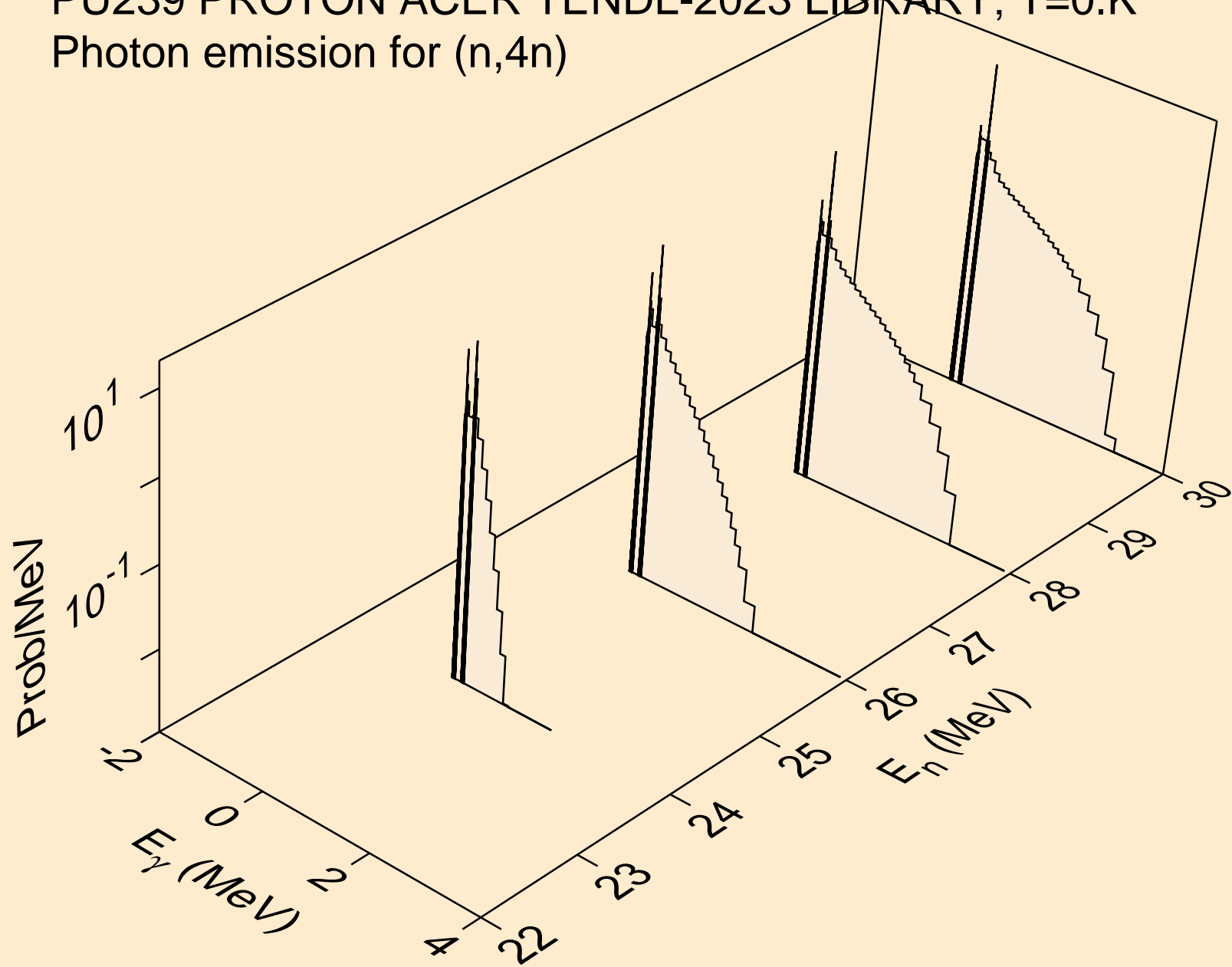
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Photon emission for (n,n*)t



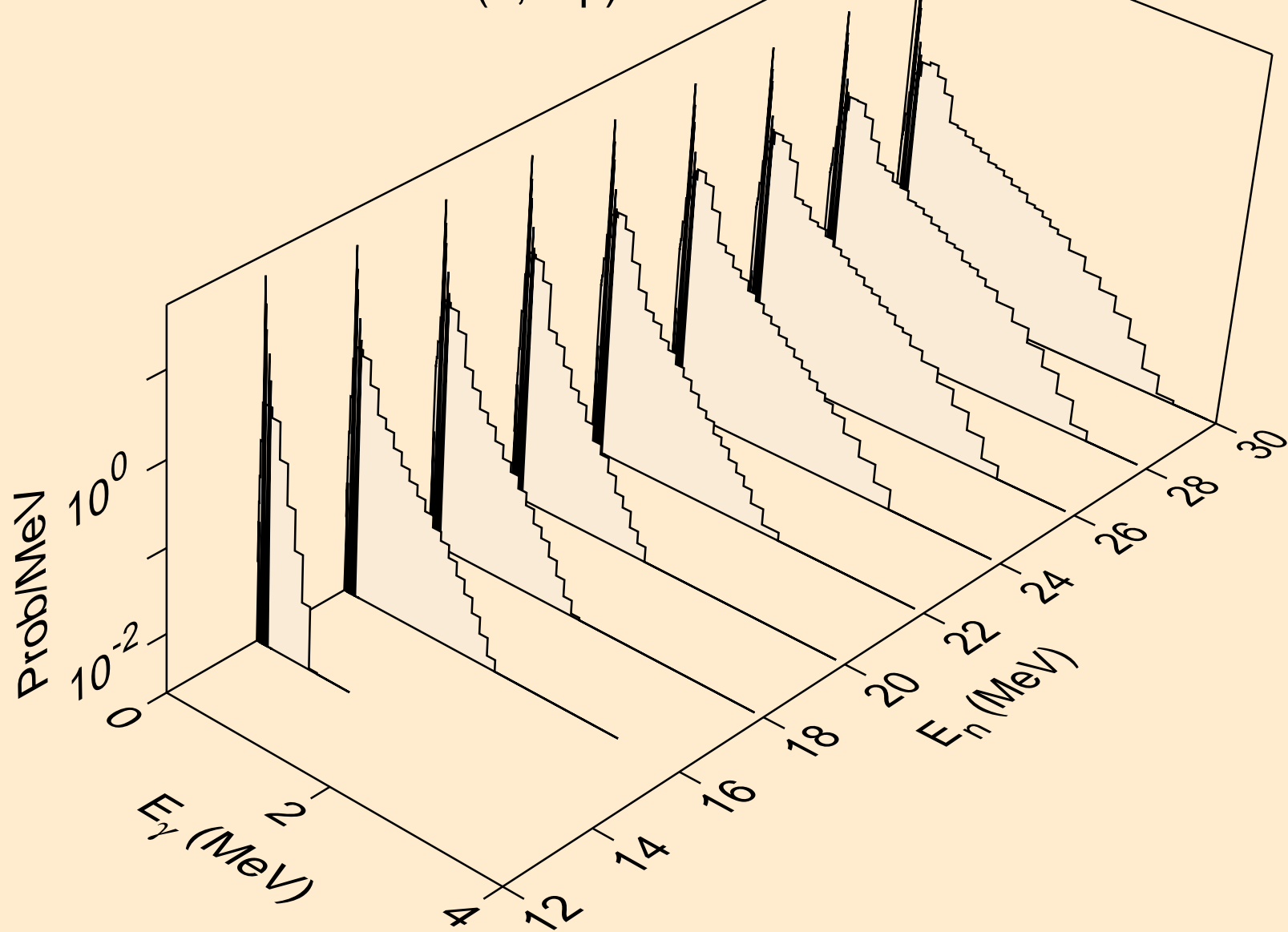
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Photon emission for (n,n*)he3



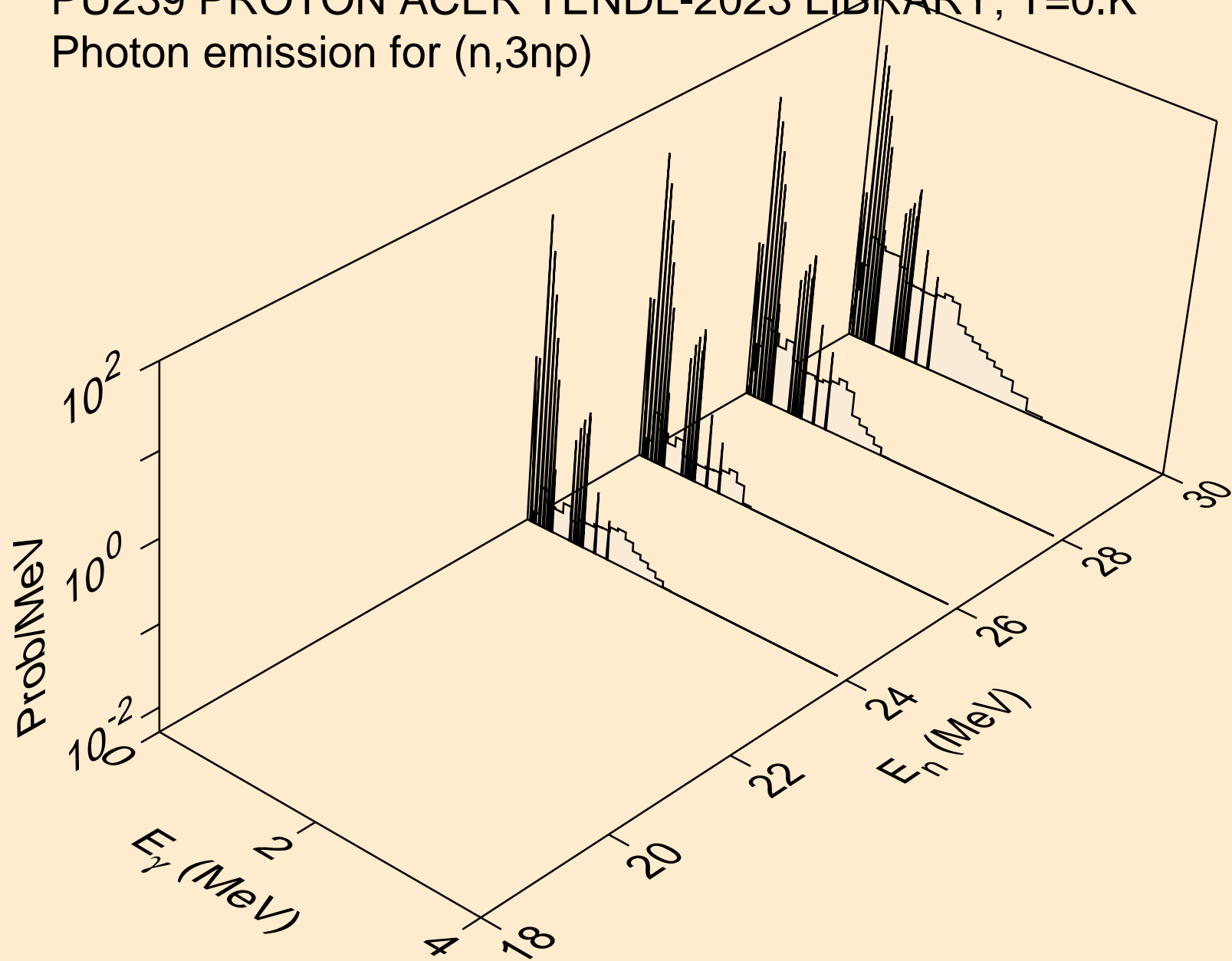
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Photon emission for (n,4n)



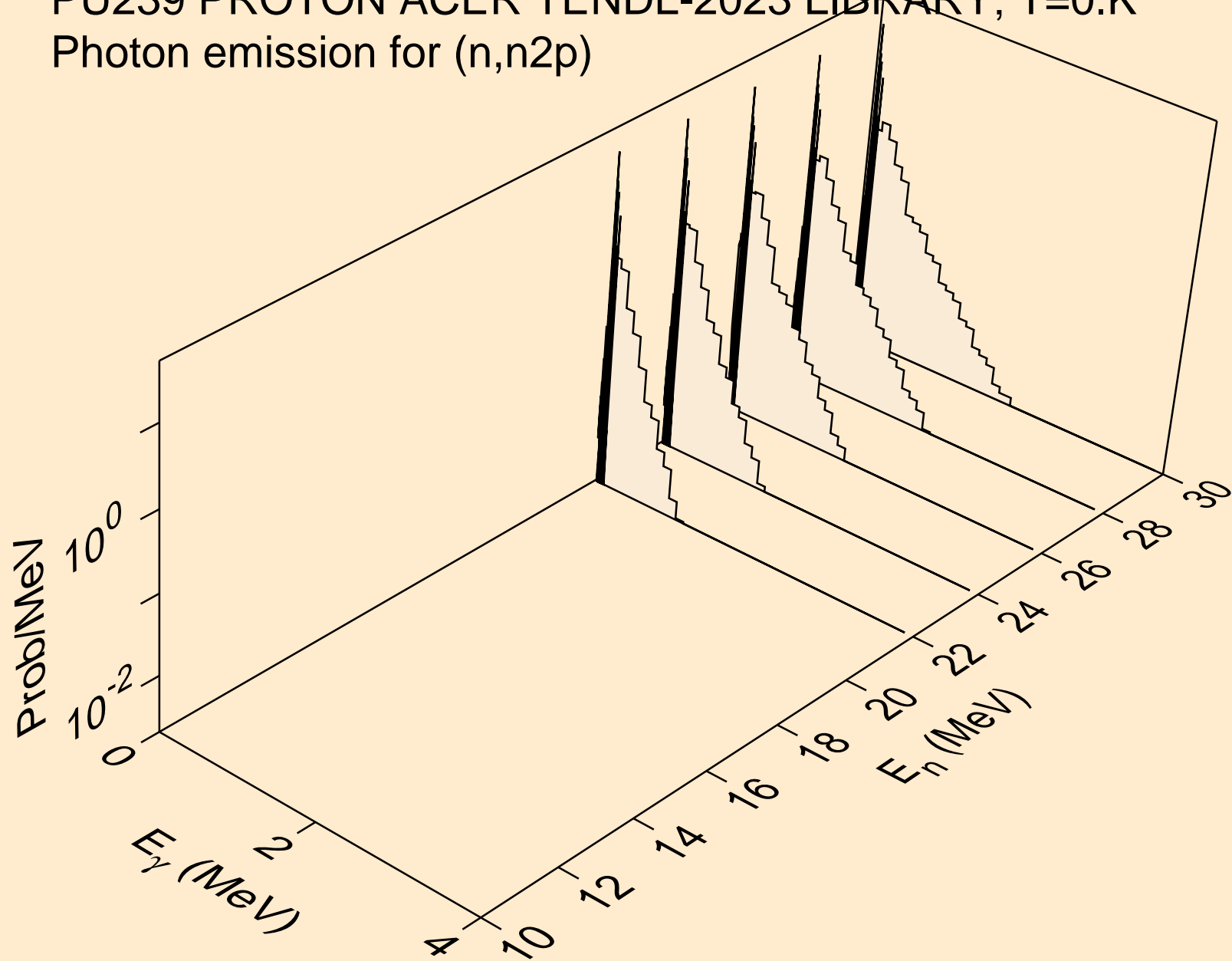
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Photon emission for (n,2np)



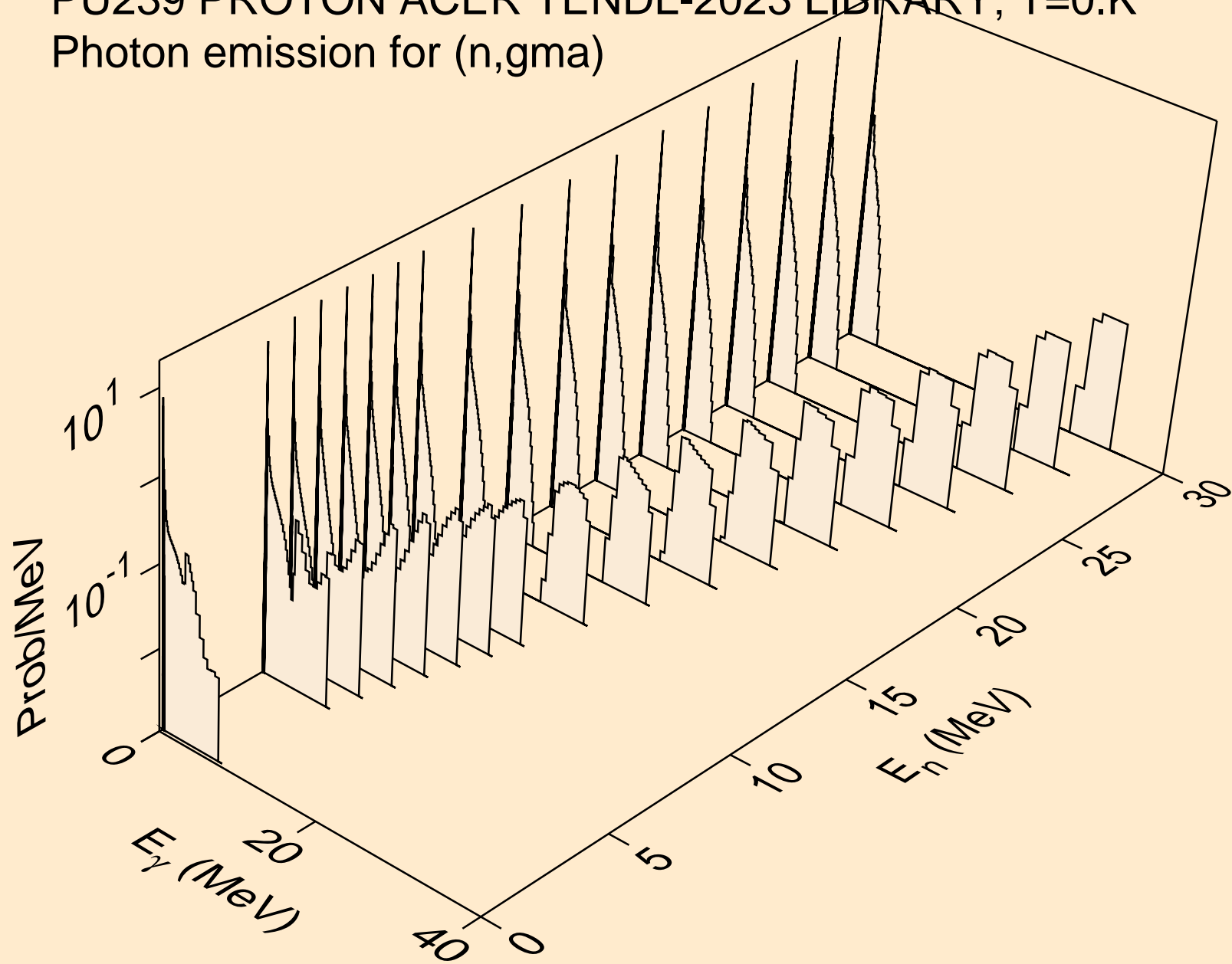
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Photon emission for (n,3np)



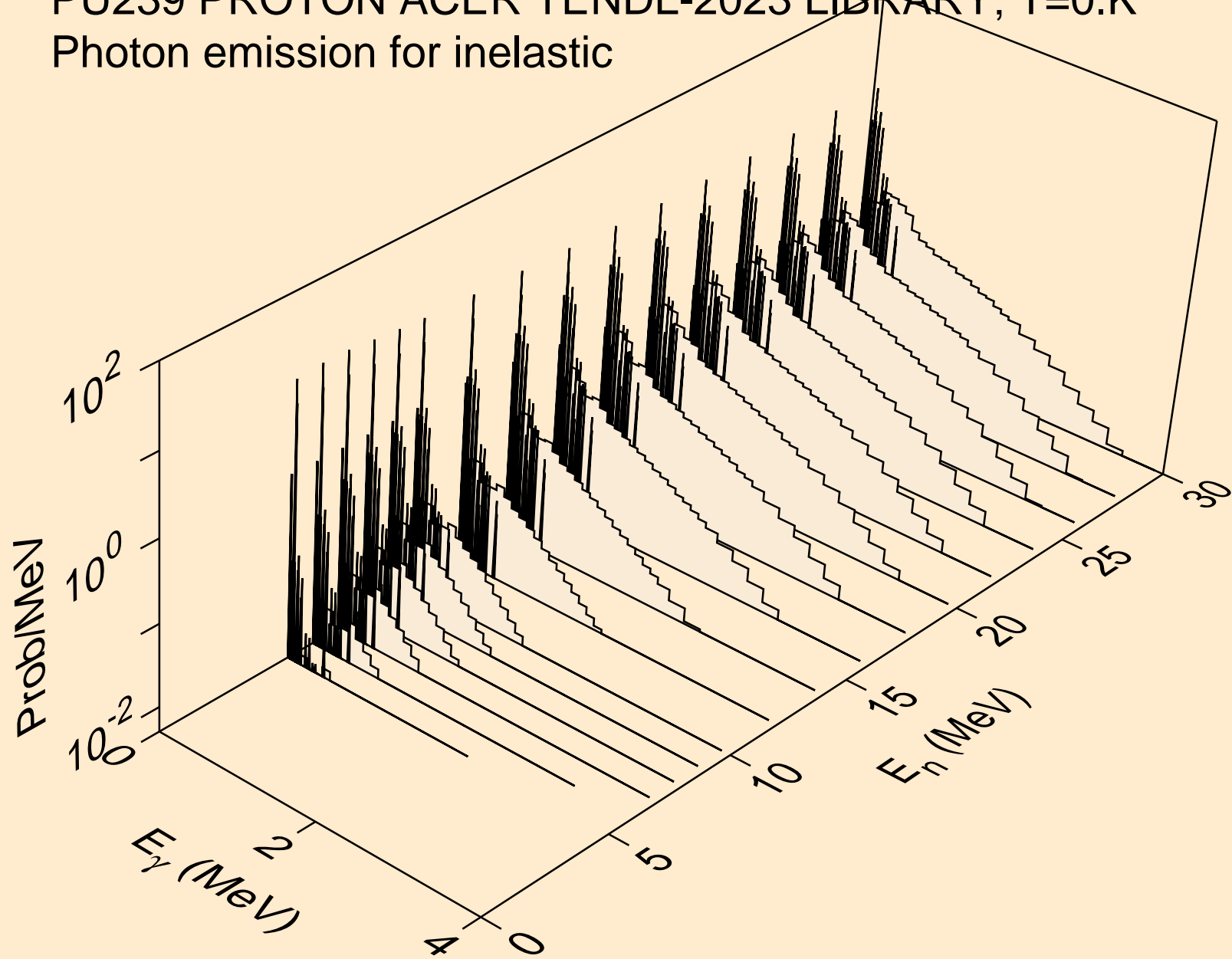
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Photon emission for (n,n2p)



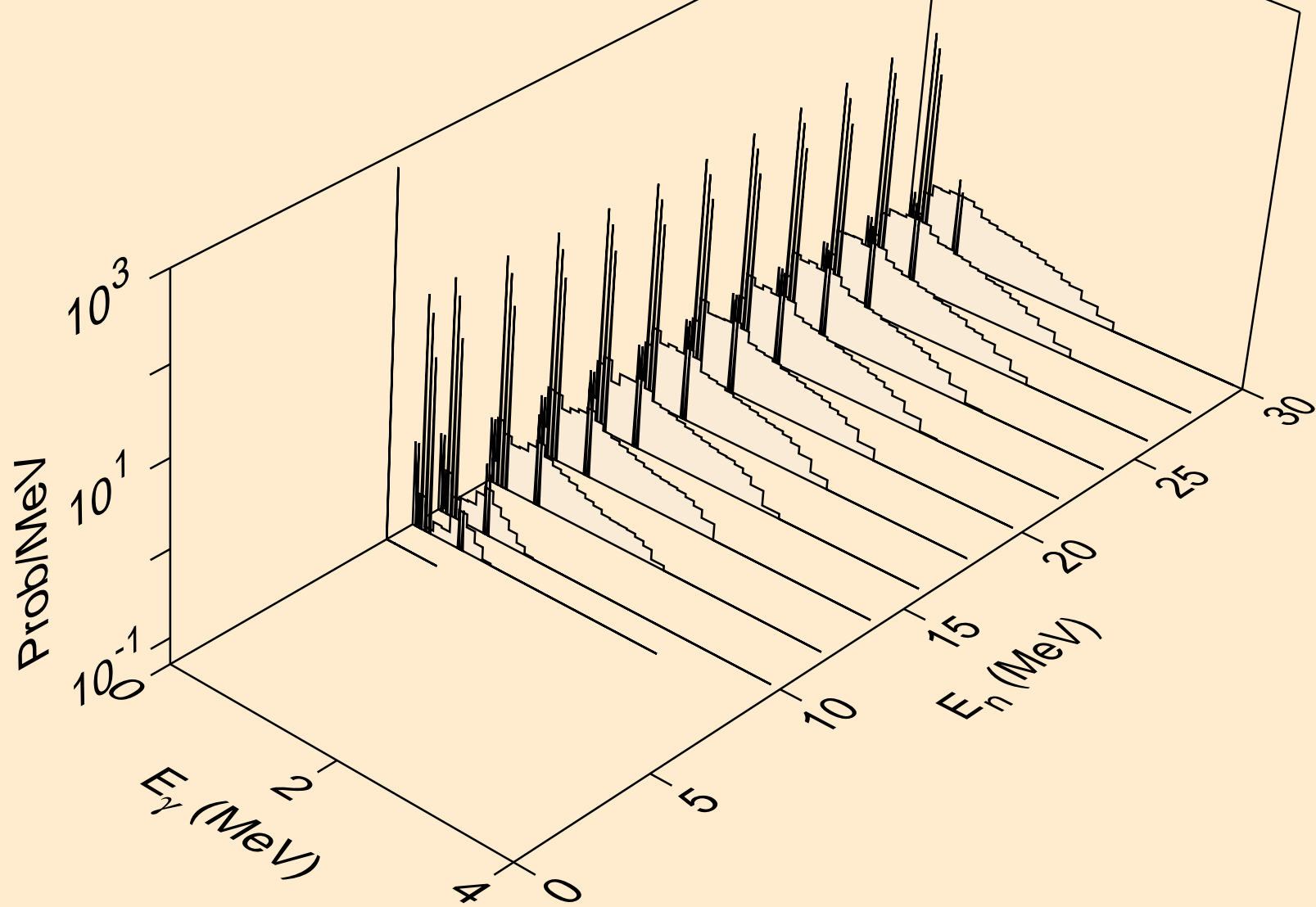
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Photon emission for (n,gma)



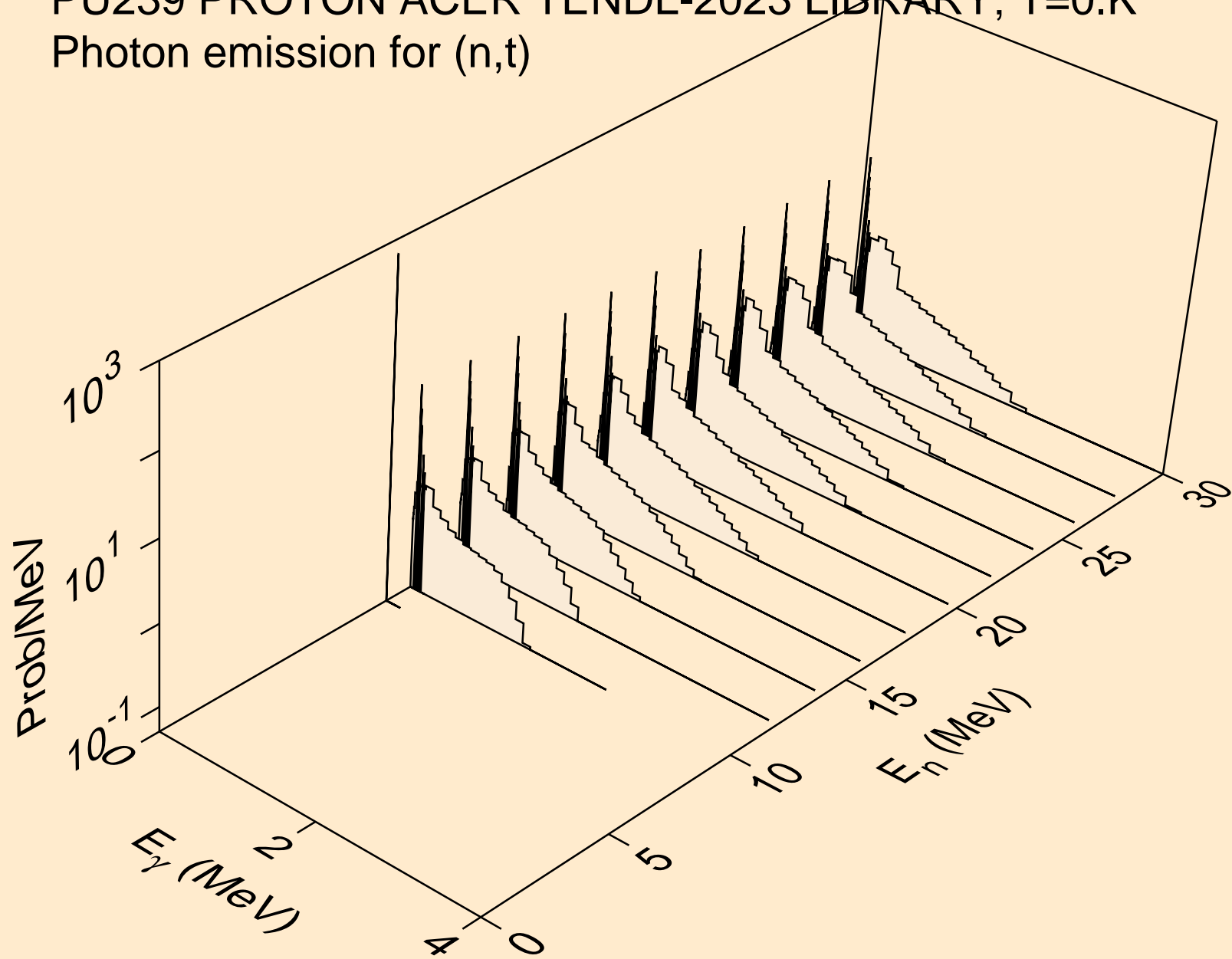
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



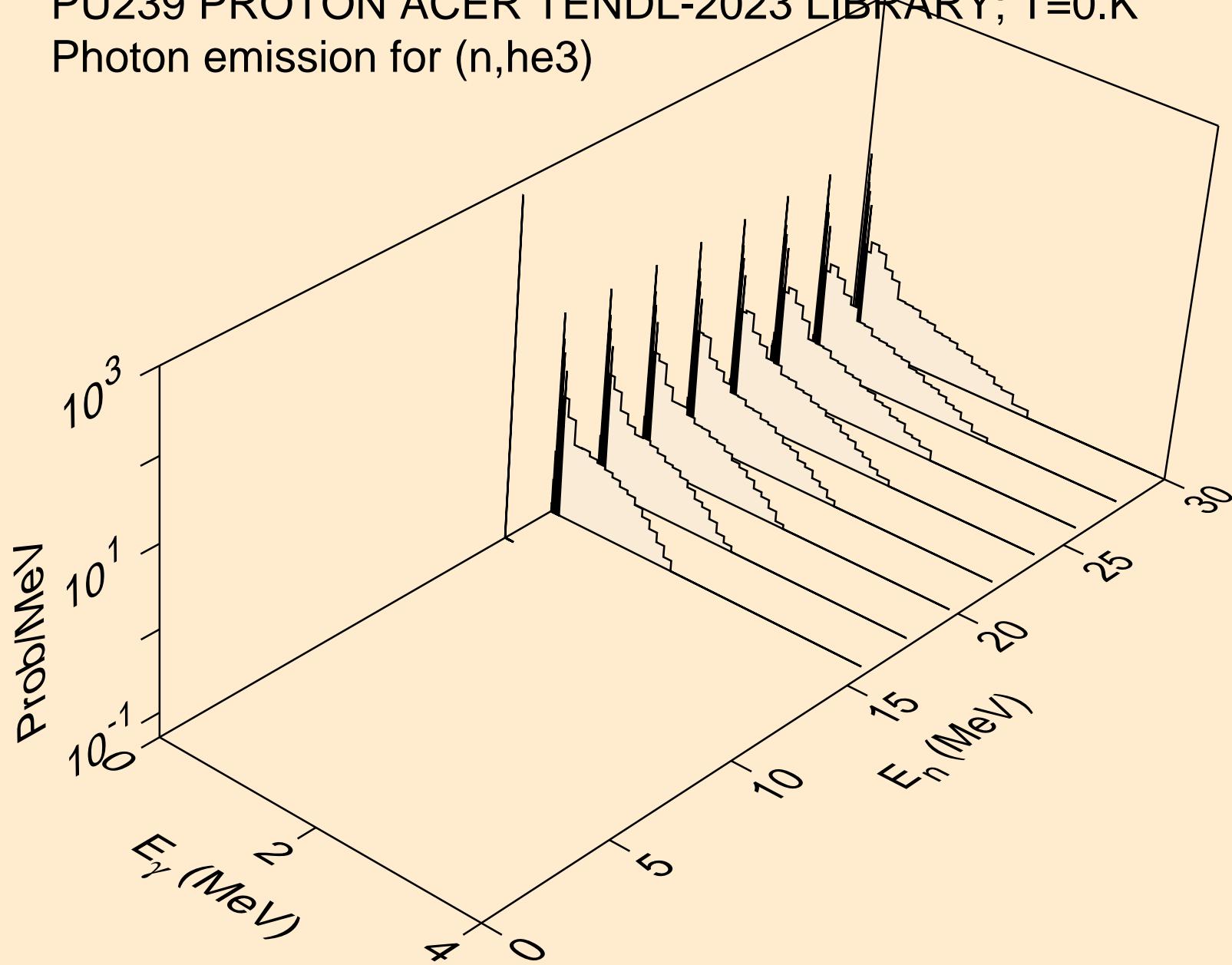
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Photon emission for (n,d)



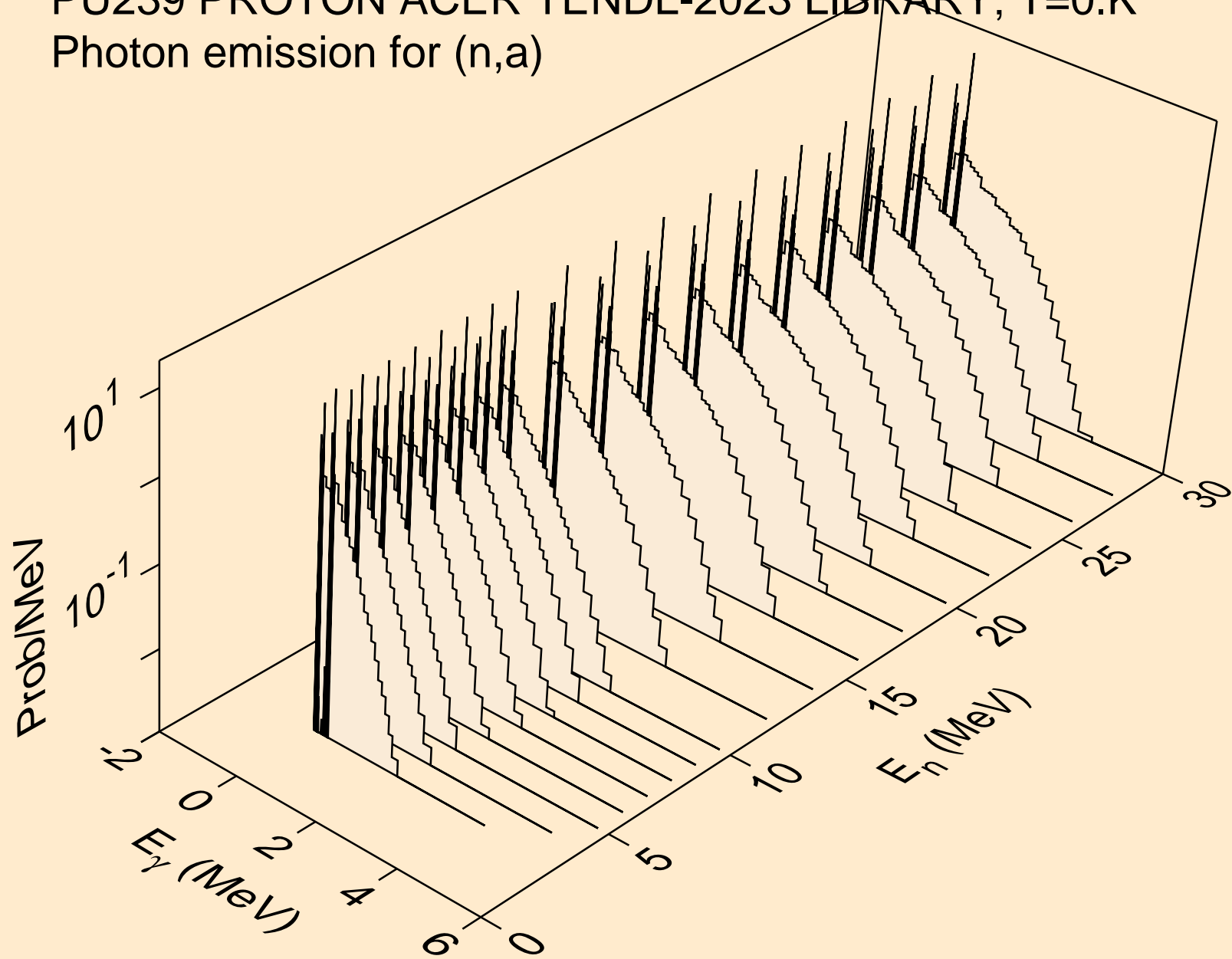
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Photon emission for (n,t)



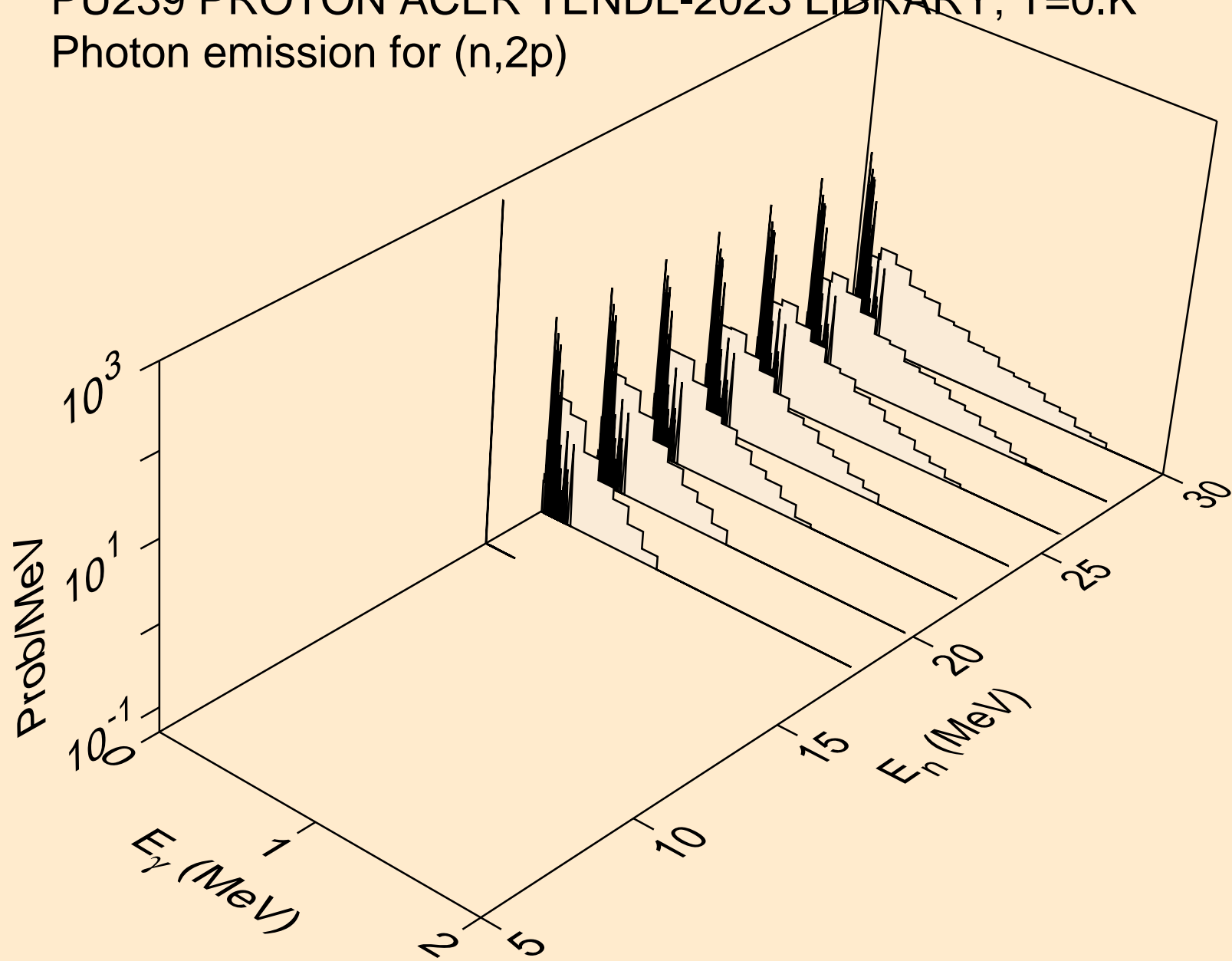
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Photon emission for (n,he3)



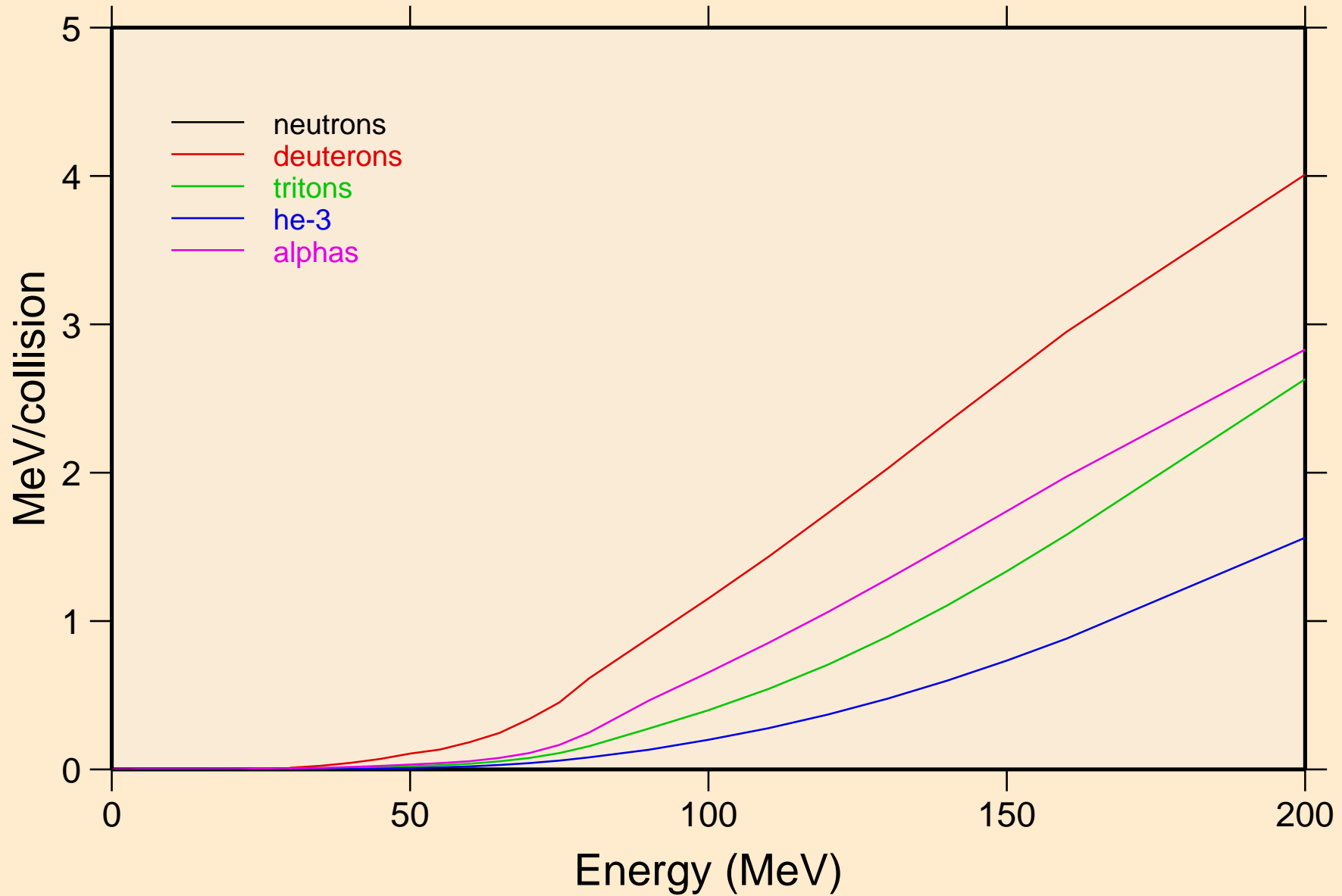
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Photon emission for (n,a)



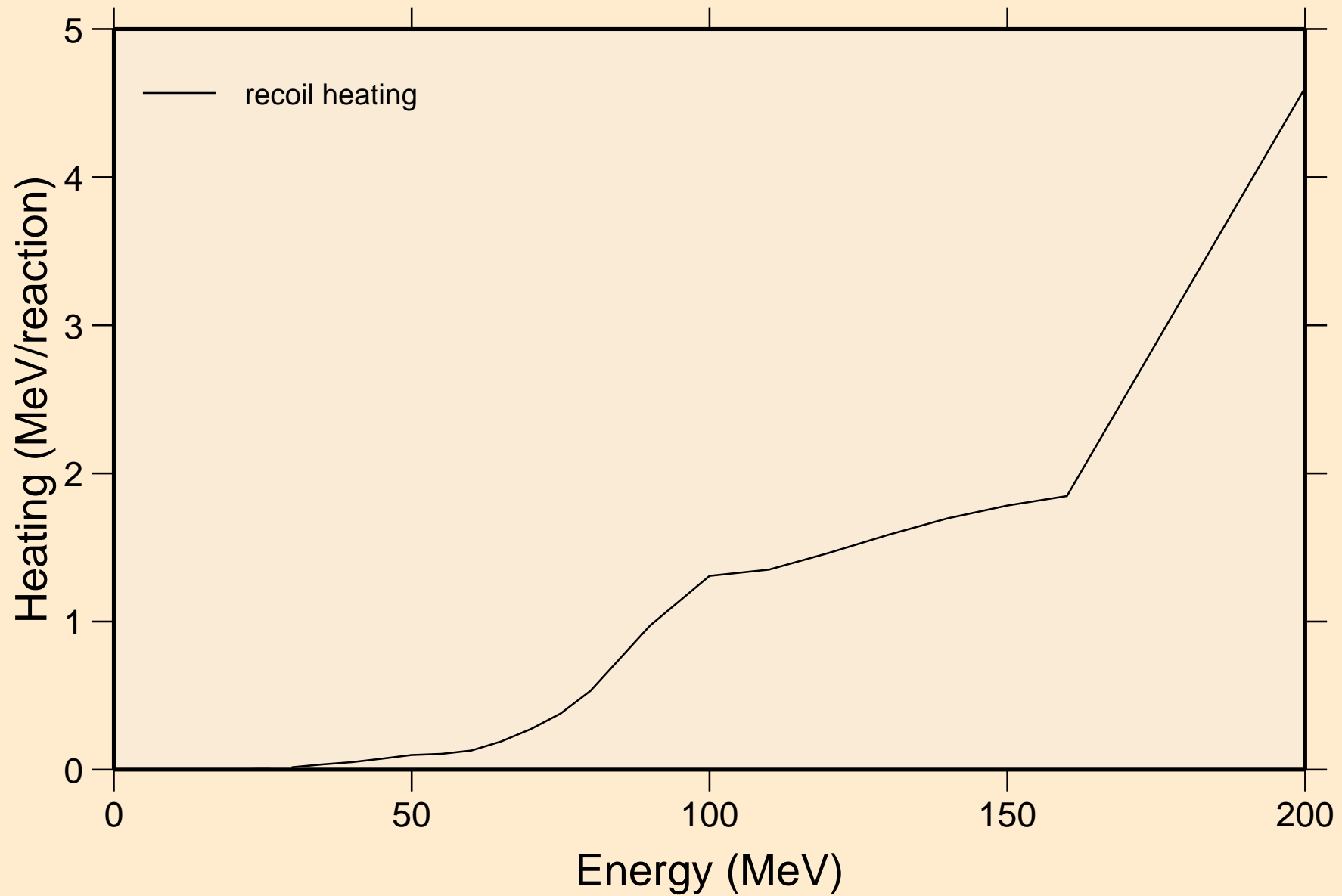
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Photon emission for (n,2p)



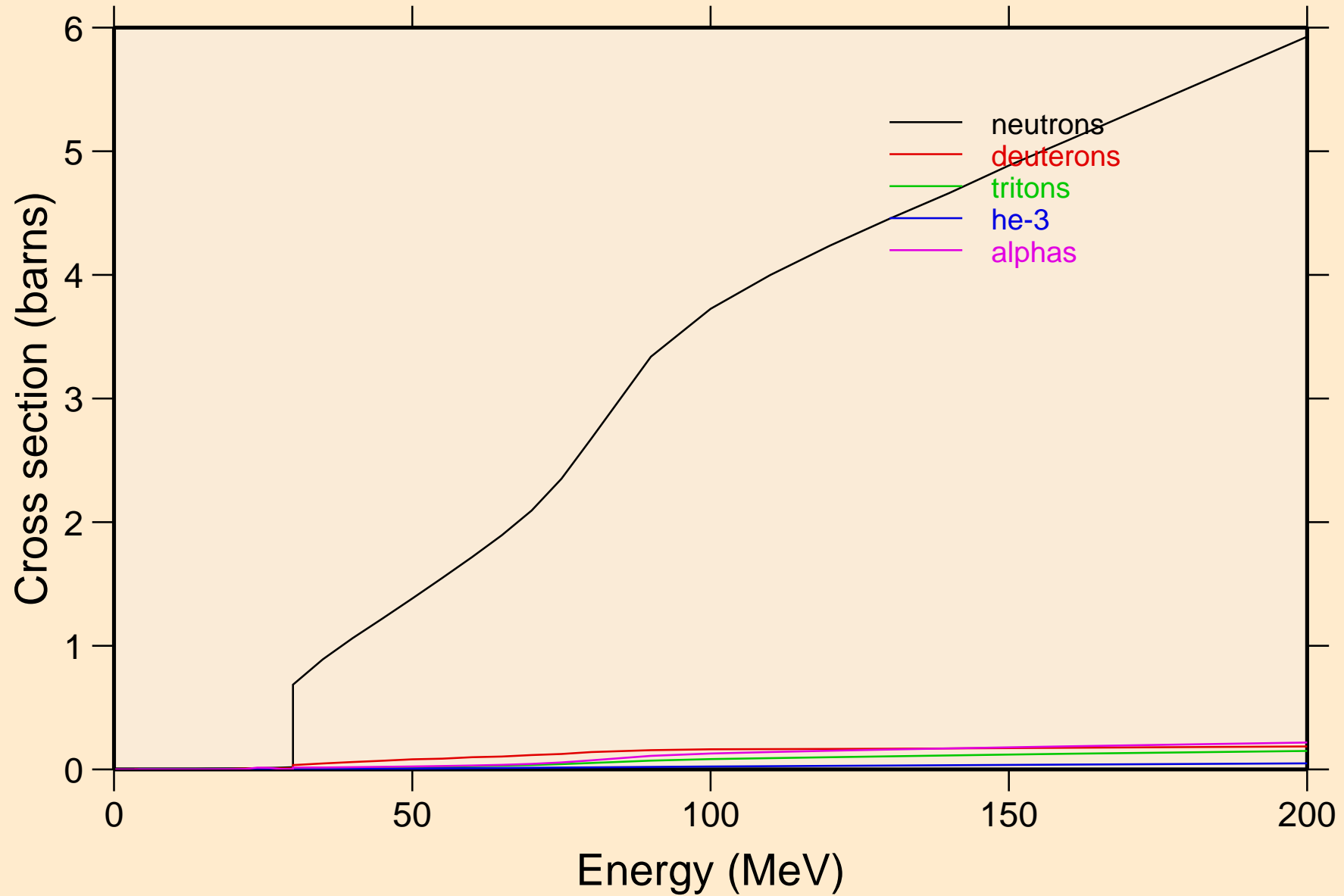
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Particle heating contributions



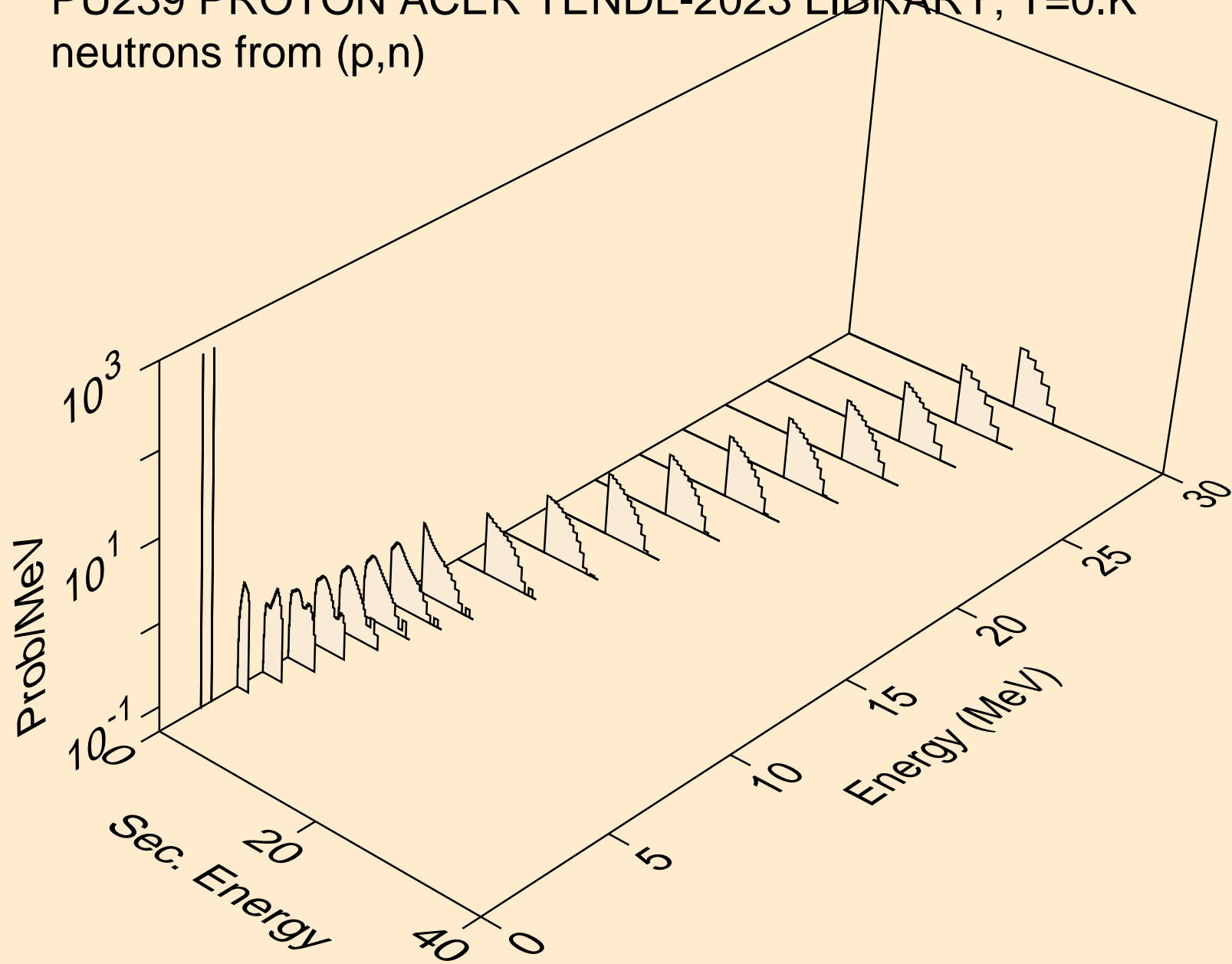
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Recoil Heating



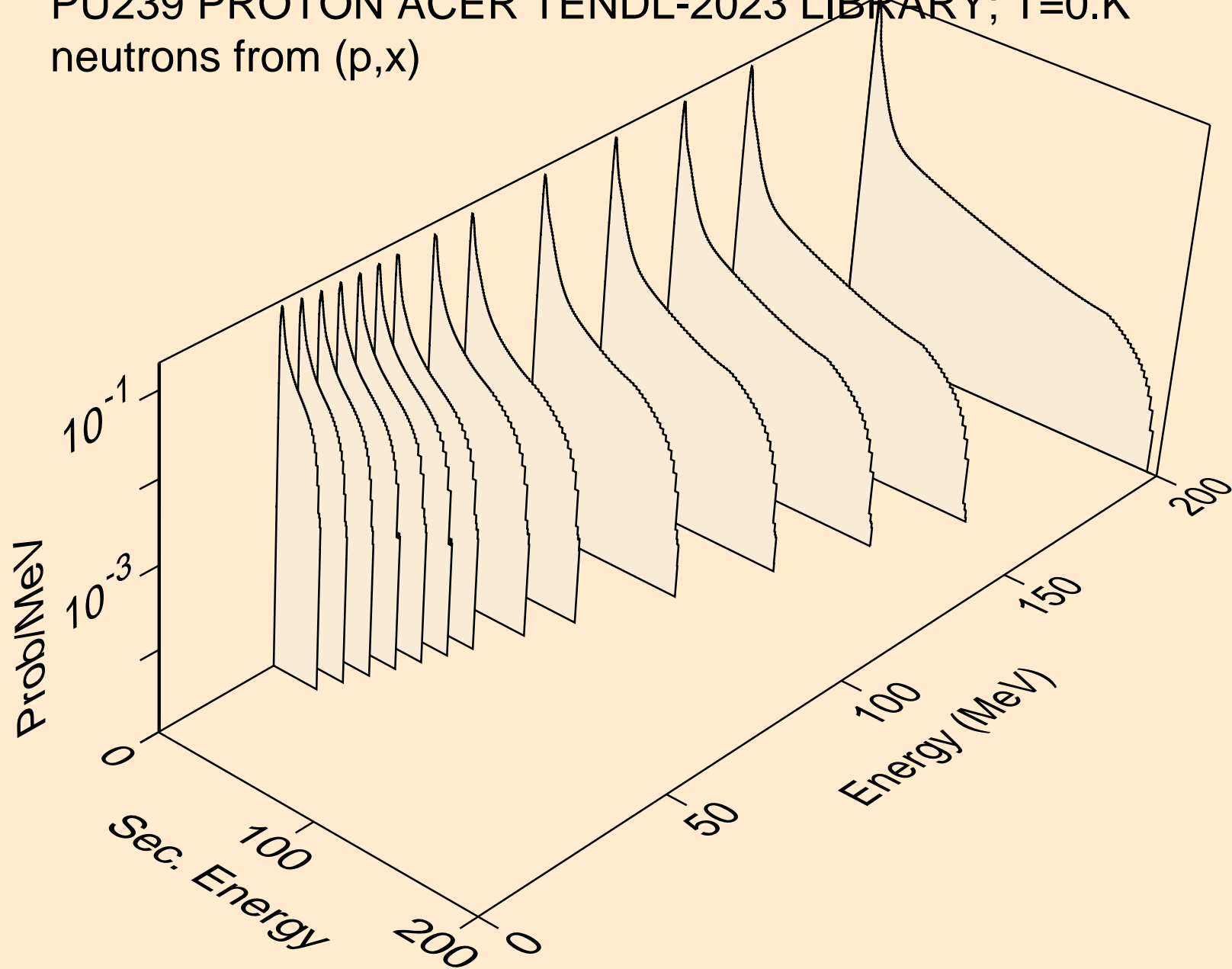
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



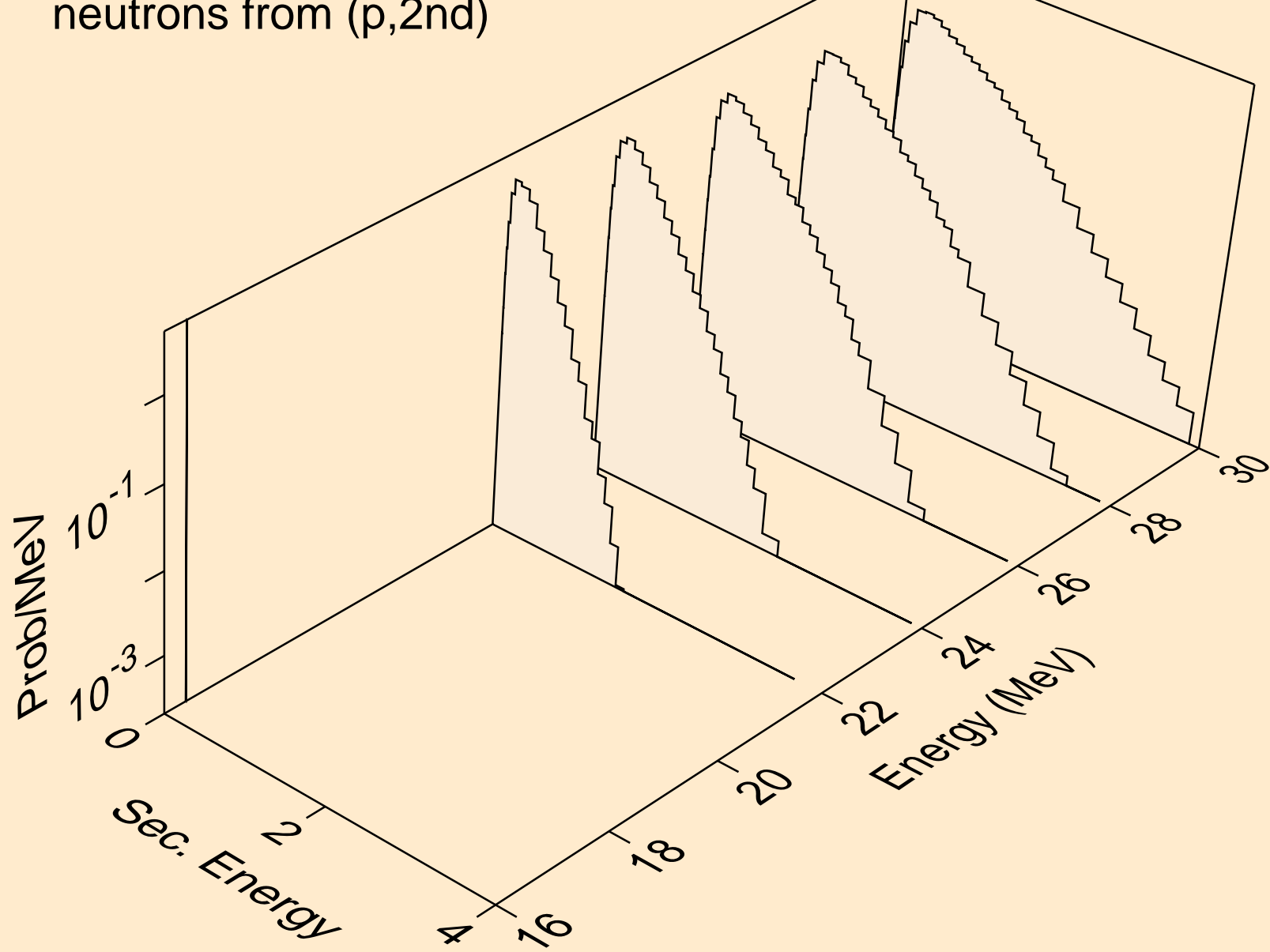
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



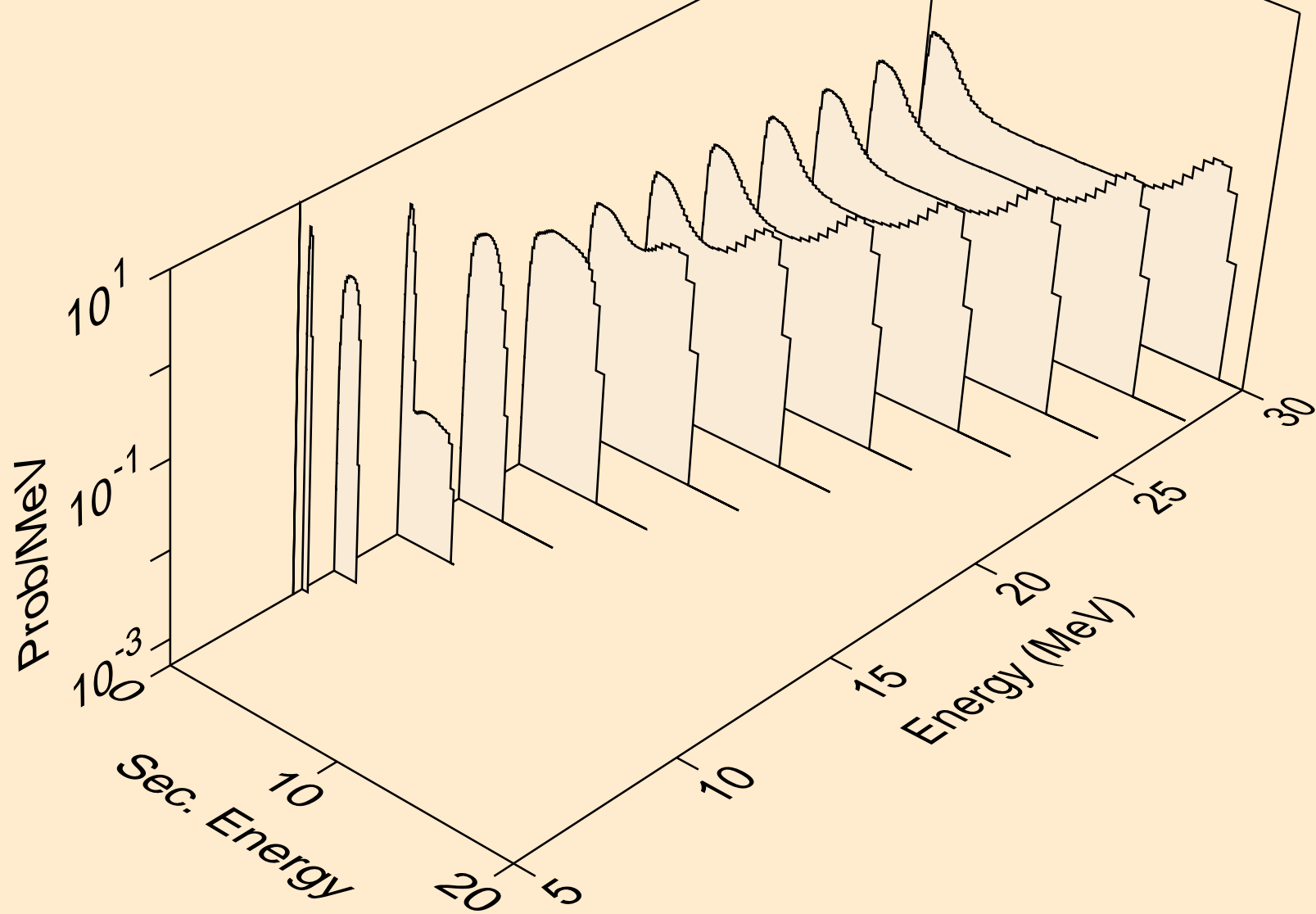
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neutrons from (p,x)



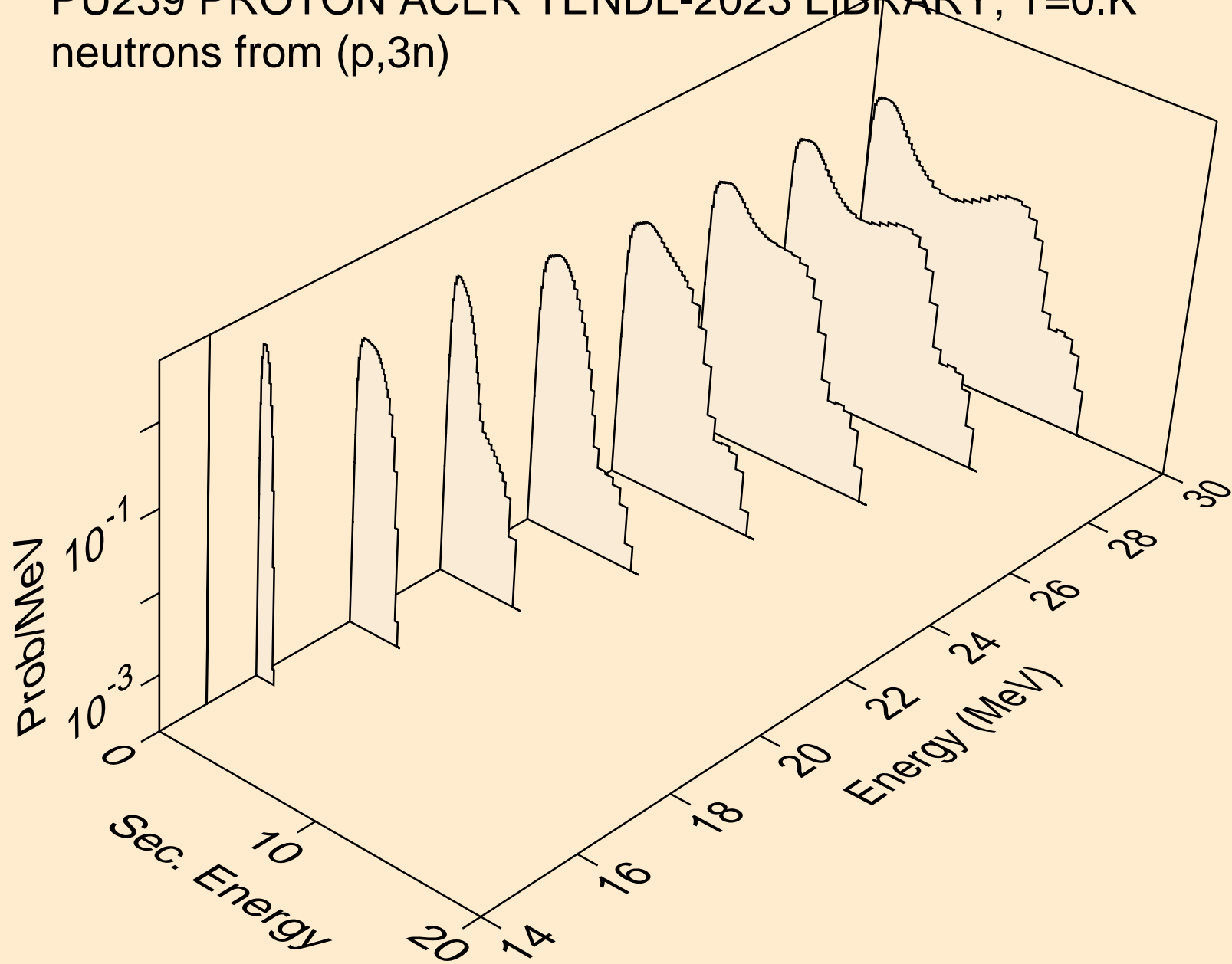
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neutrons from (p,2nd)



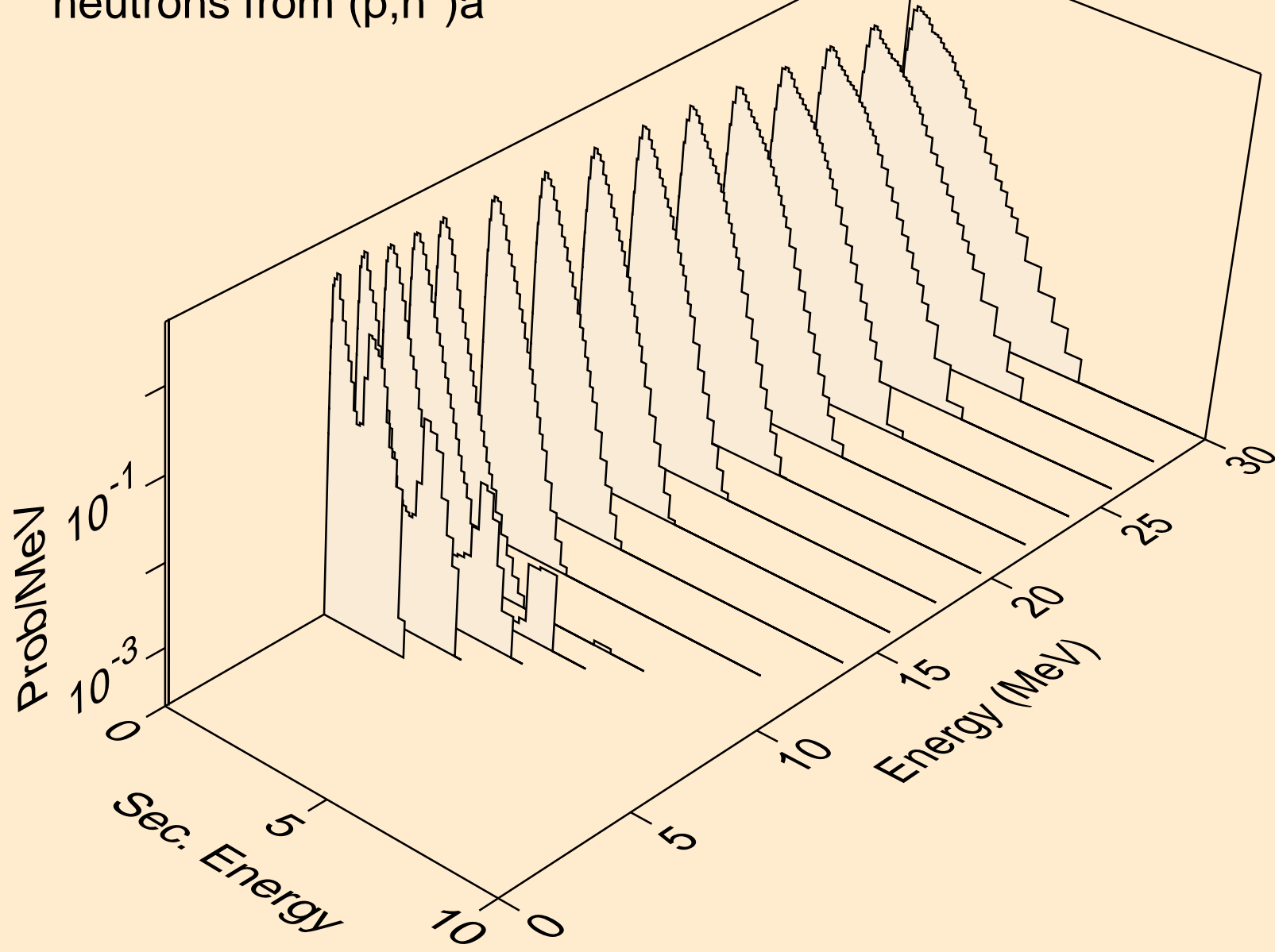
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neutrons from (p,2n)



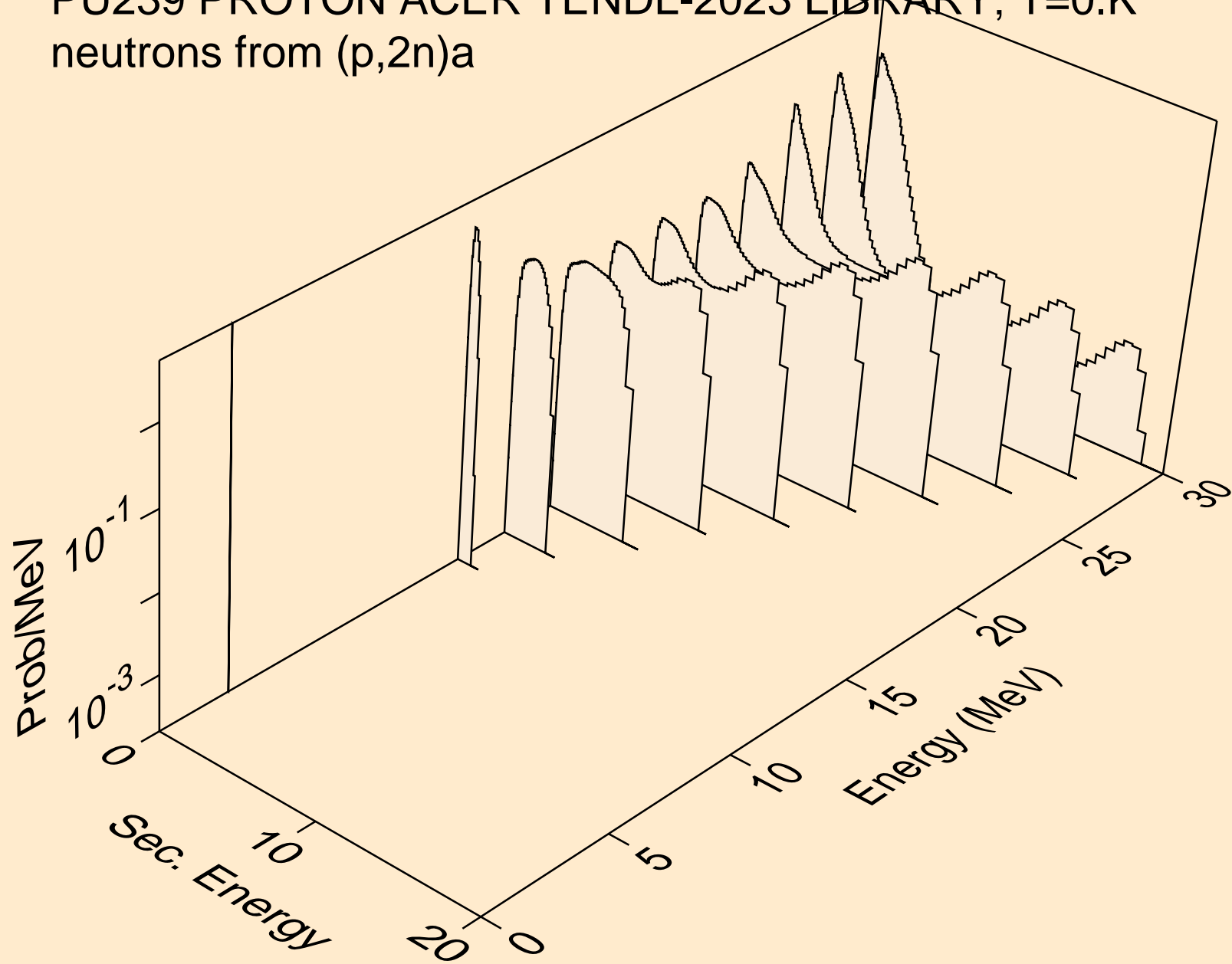
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



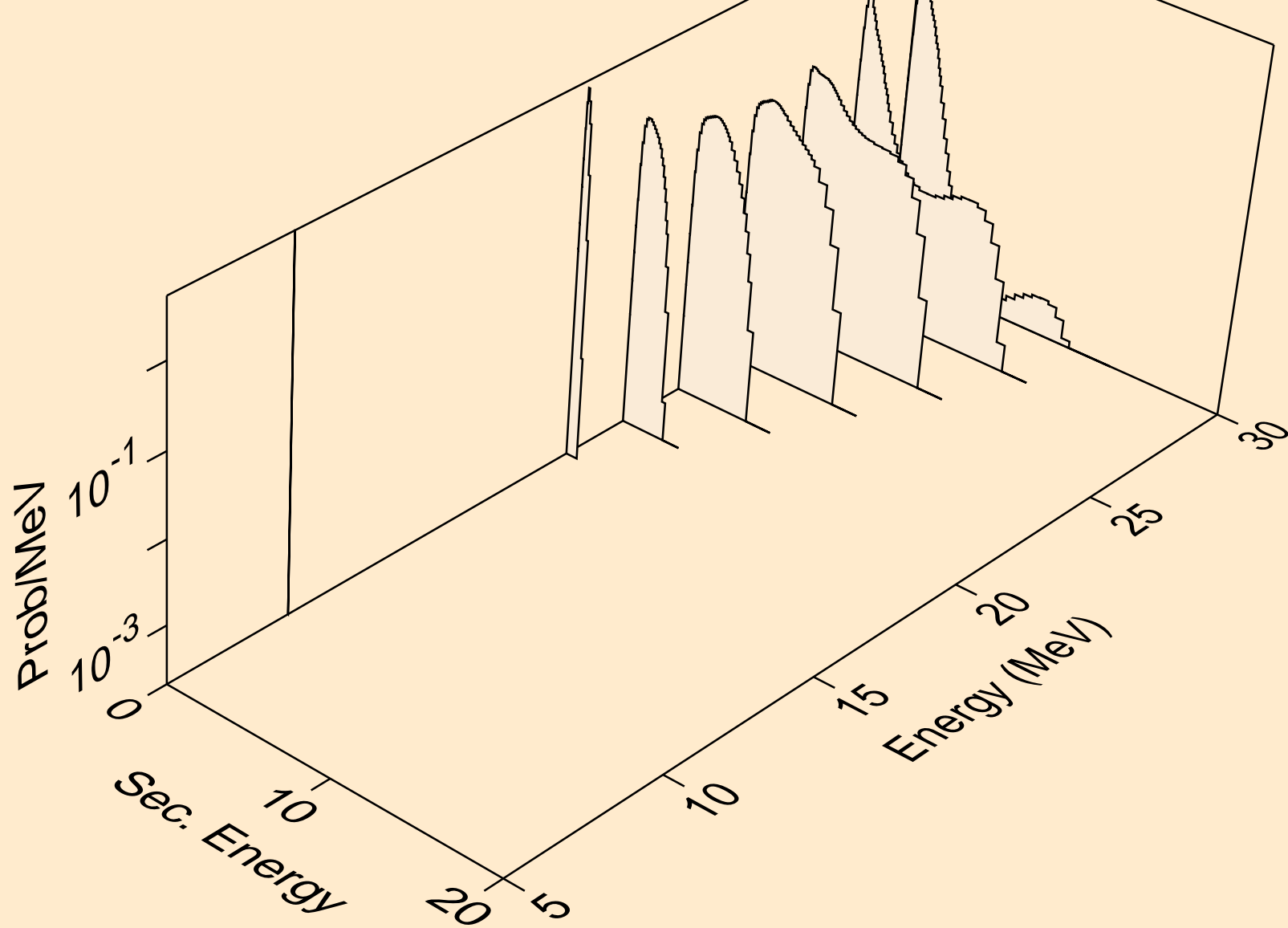
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neutrons from (p,n*)a



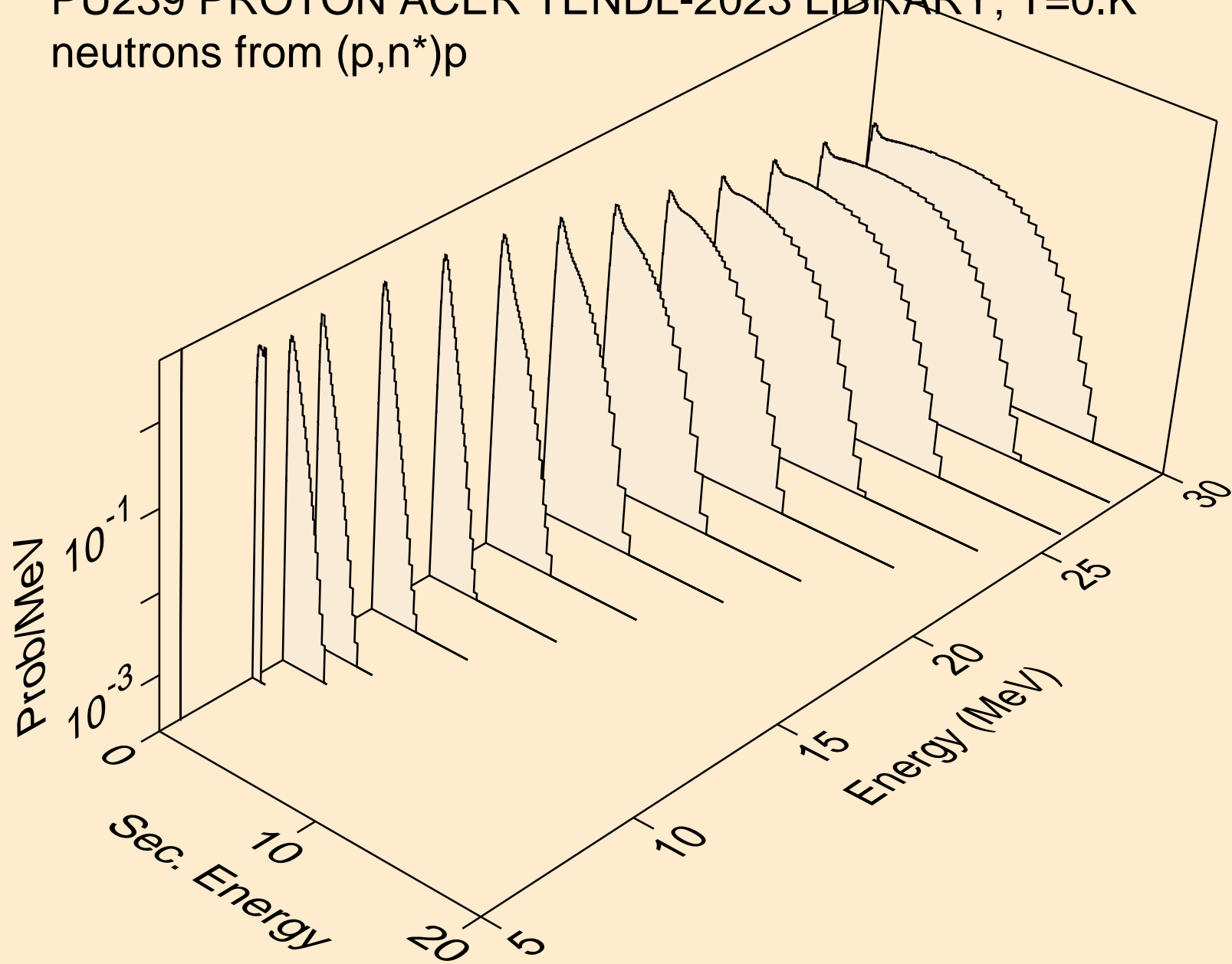
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neutrons from (p,2n)a



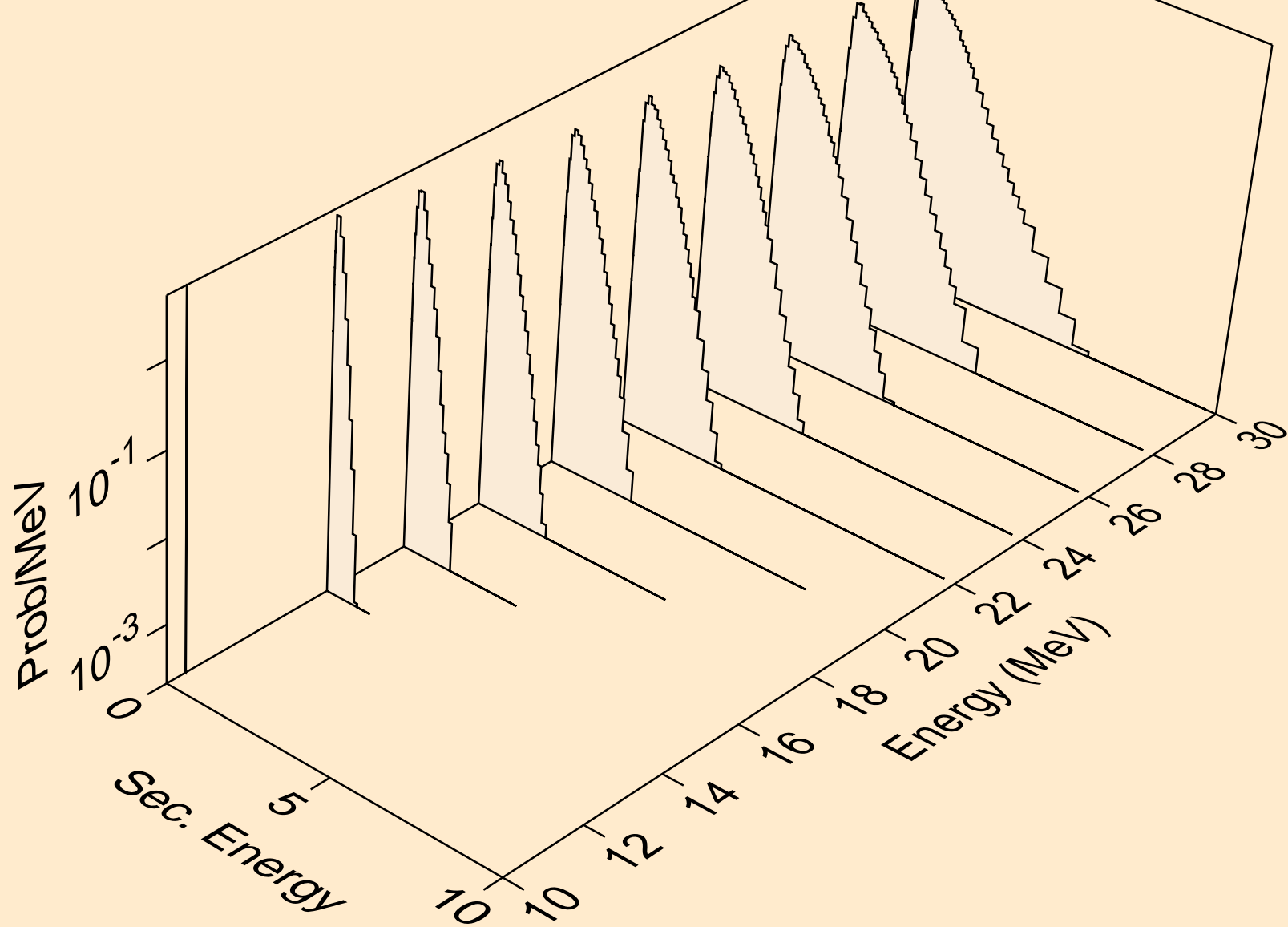
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neutrons from (p,3n)a



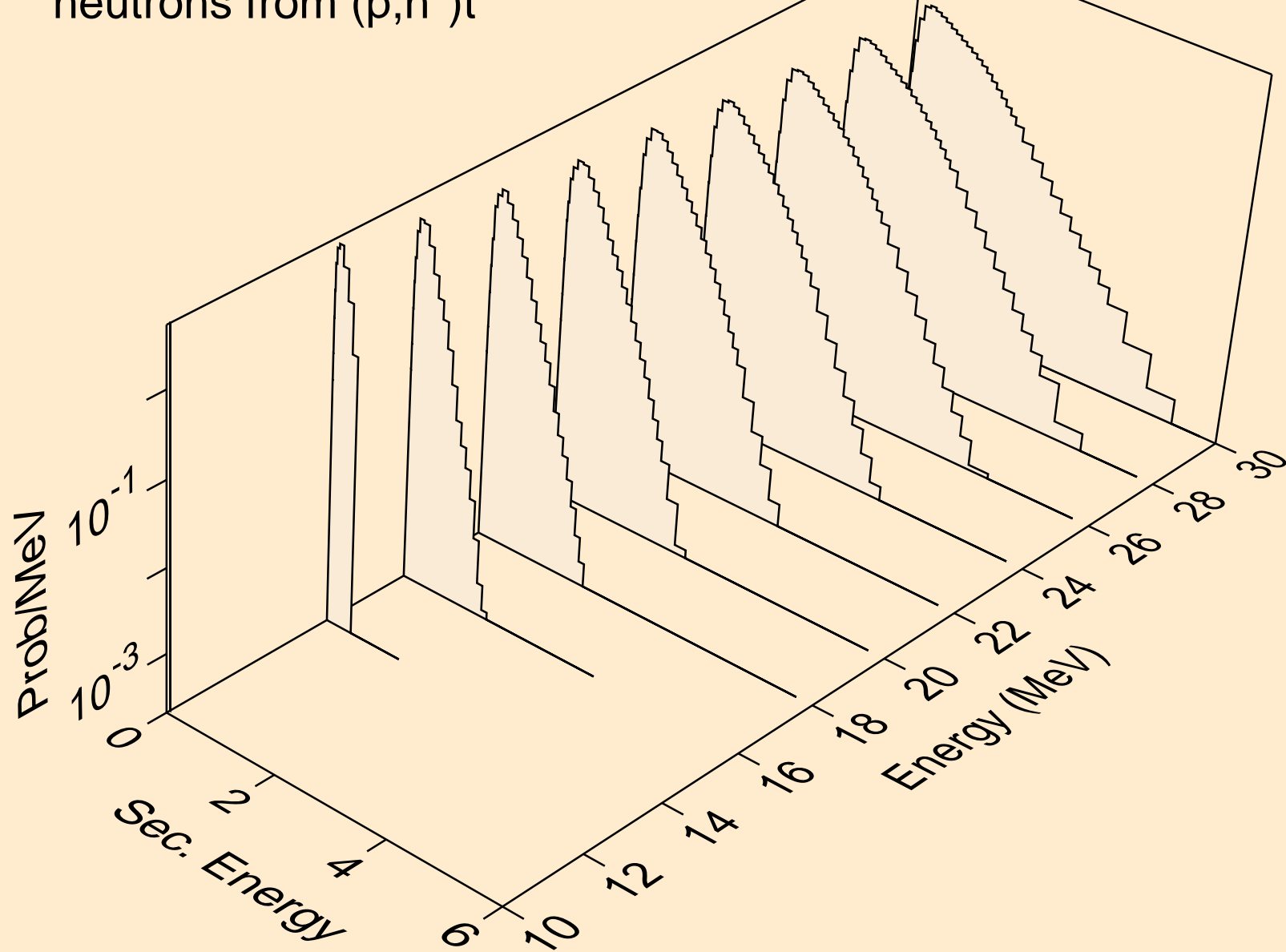
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neutrons from (p,n*)p



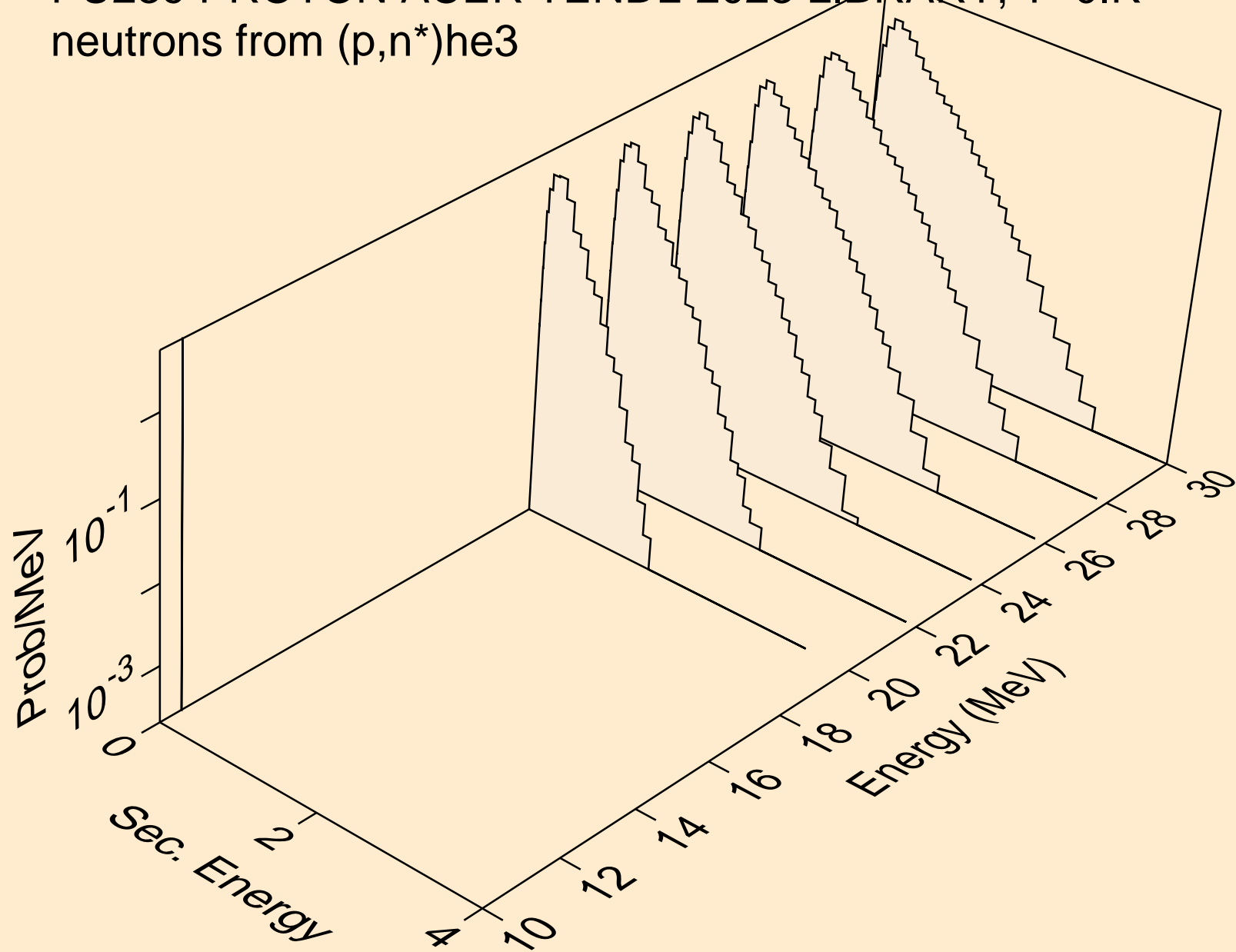
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neutrons from (p,n*)d



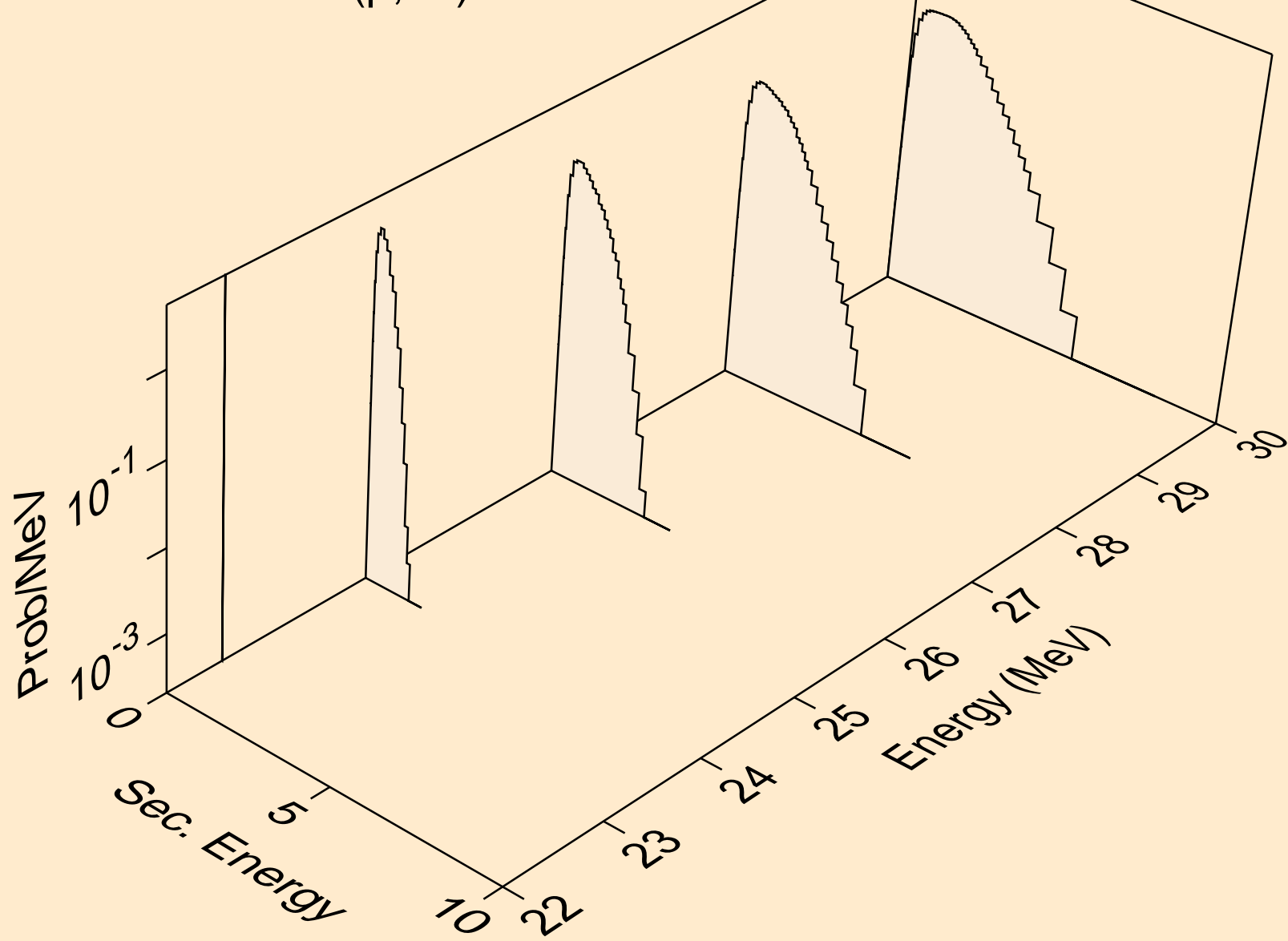
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neutrons from (p,n*)t



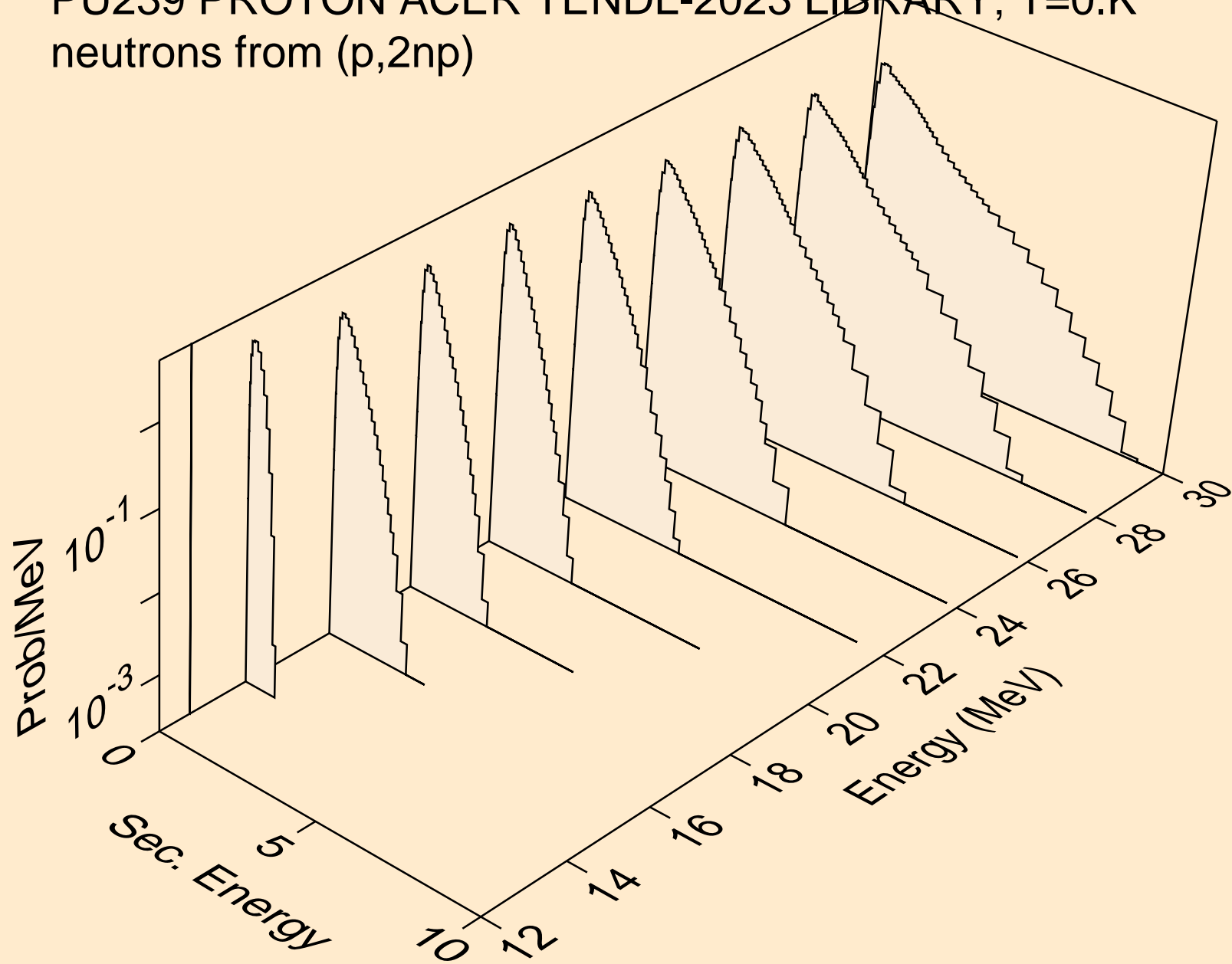
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



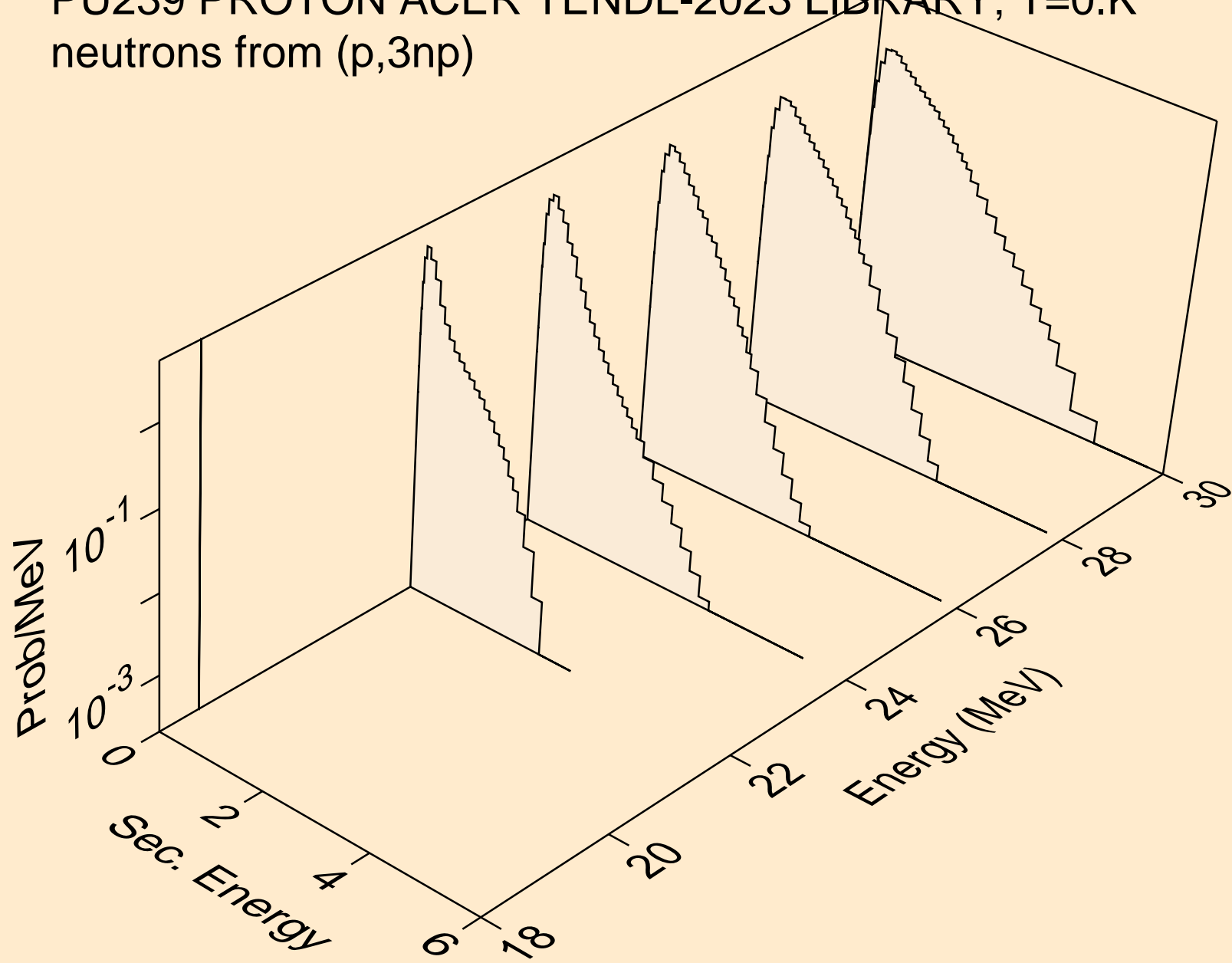
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,4n)



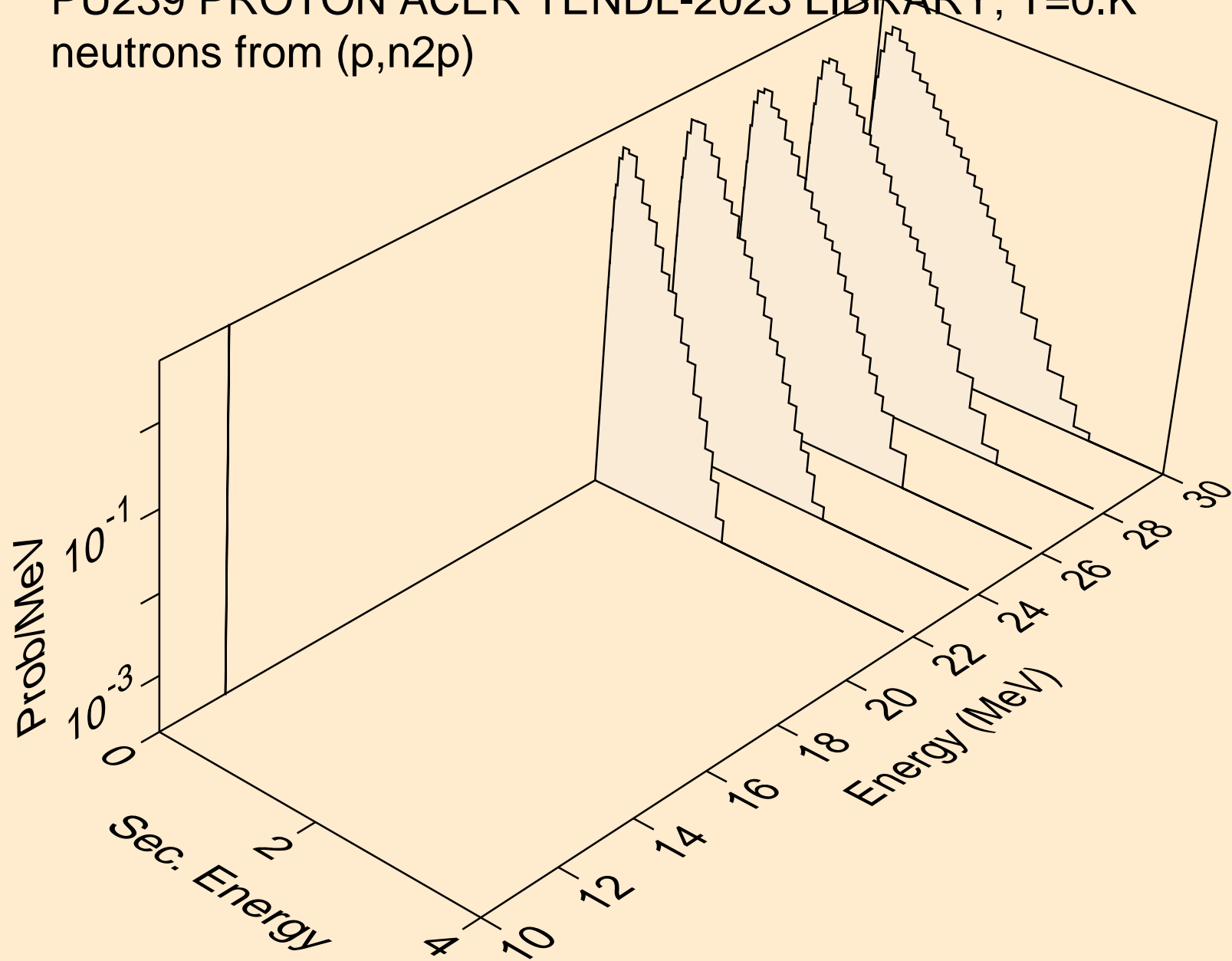
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neutrons from (p,2np)



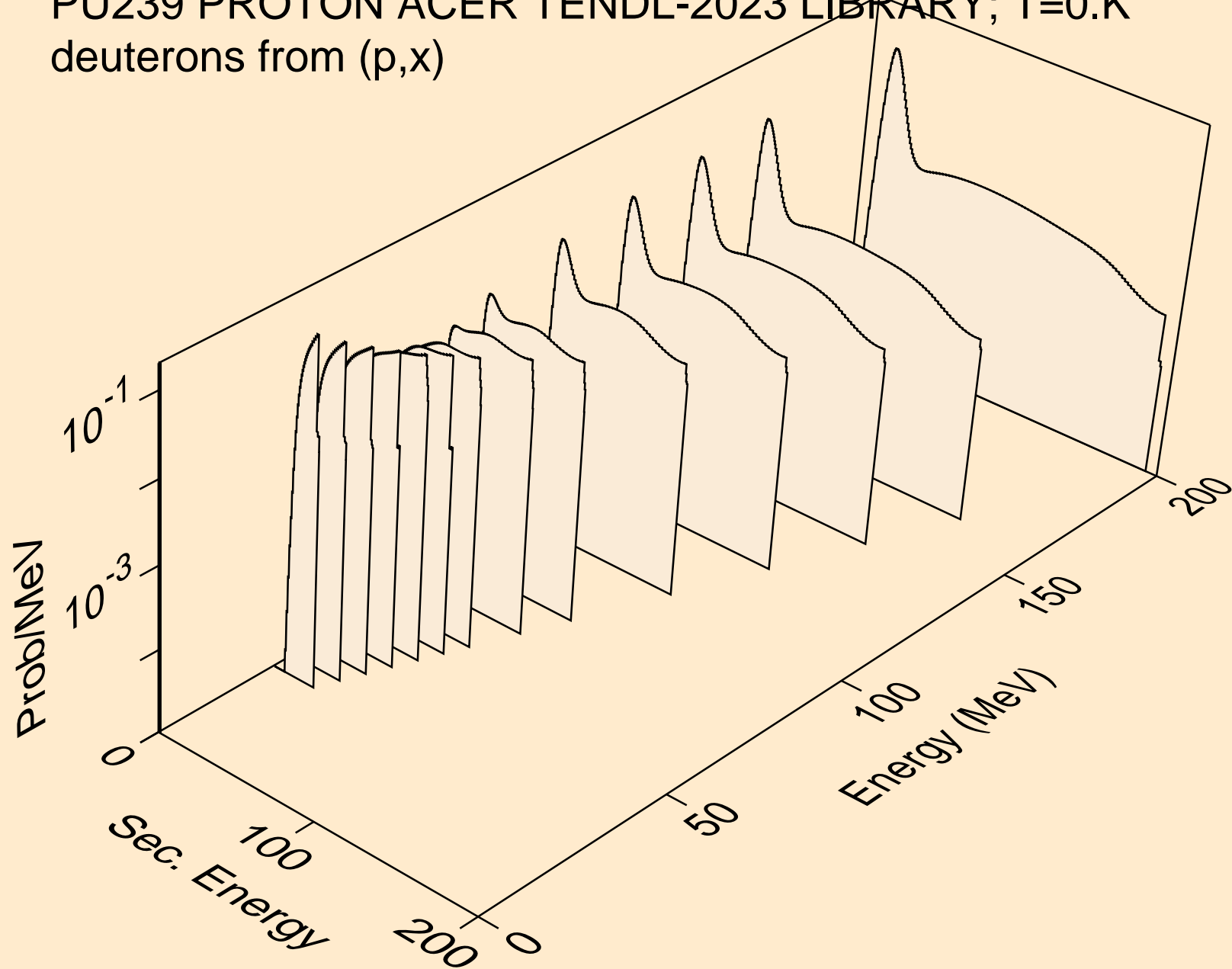
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neutrons from (p,3np)



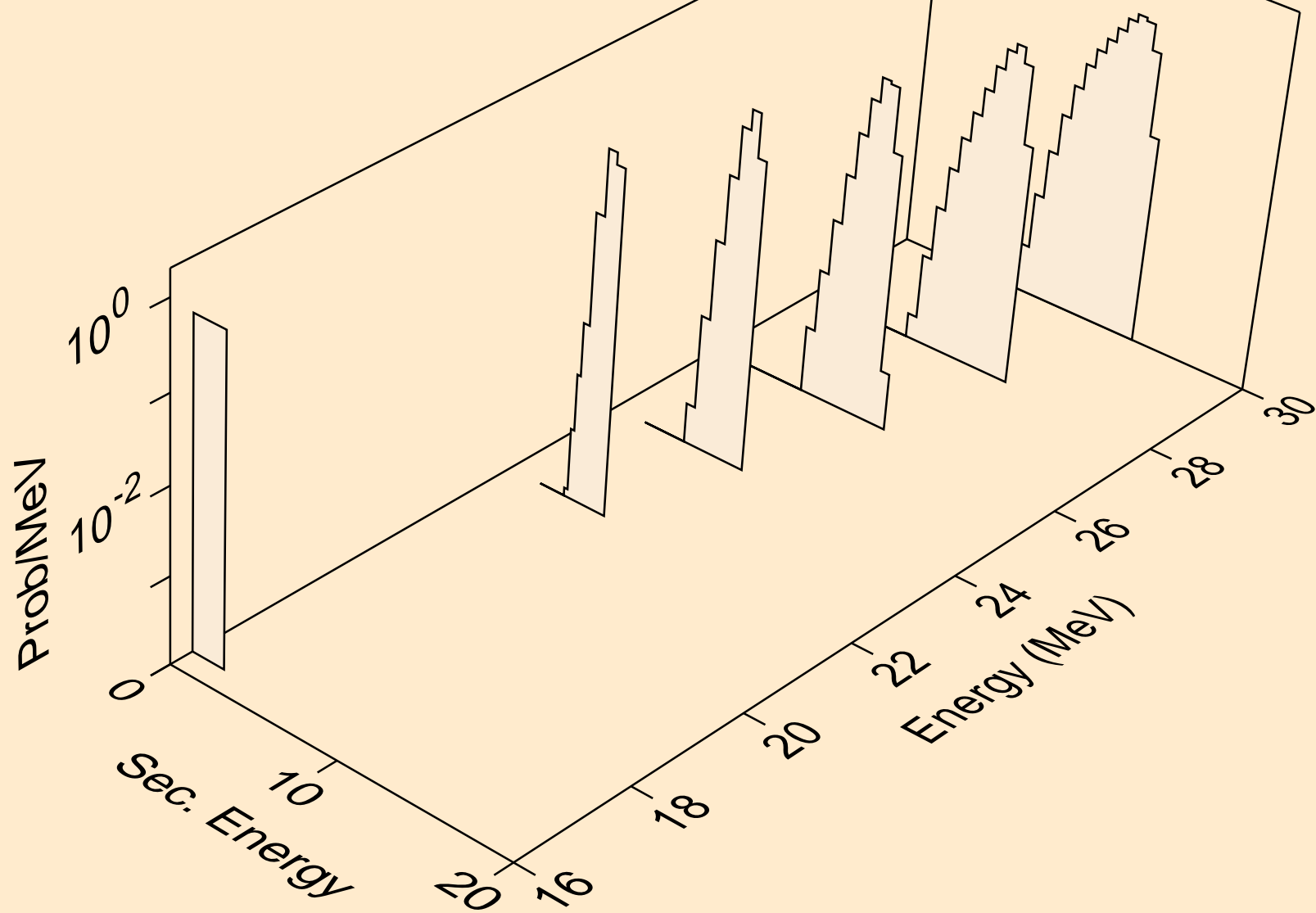
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neutrons from (p,n2p)



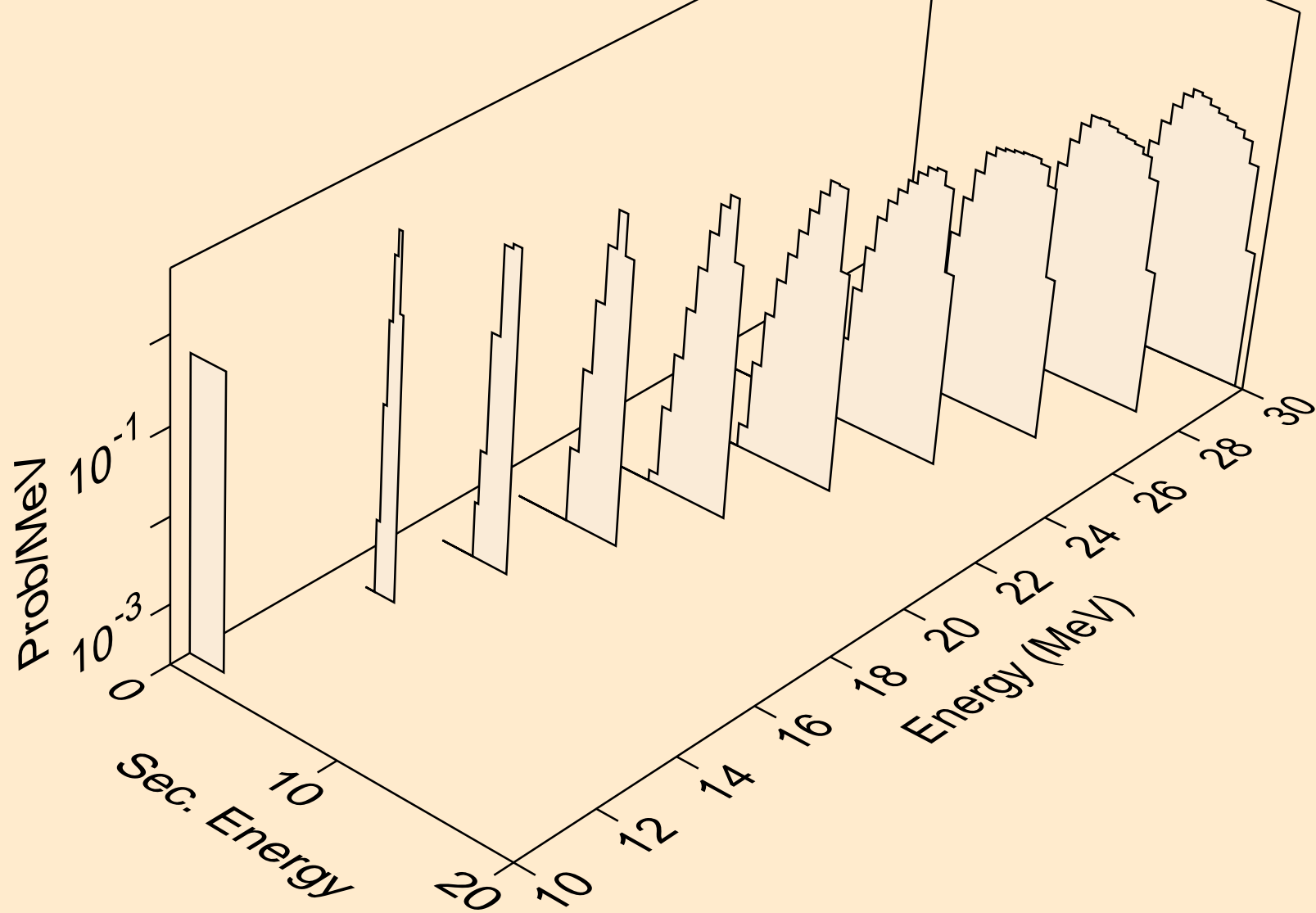
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deuterons from (p,x)



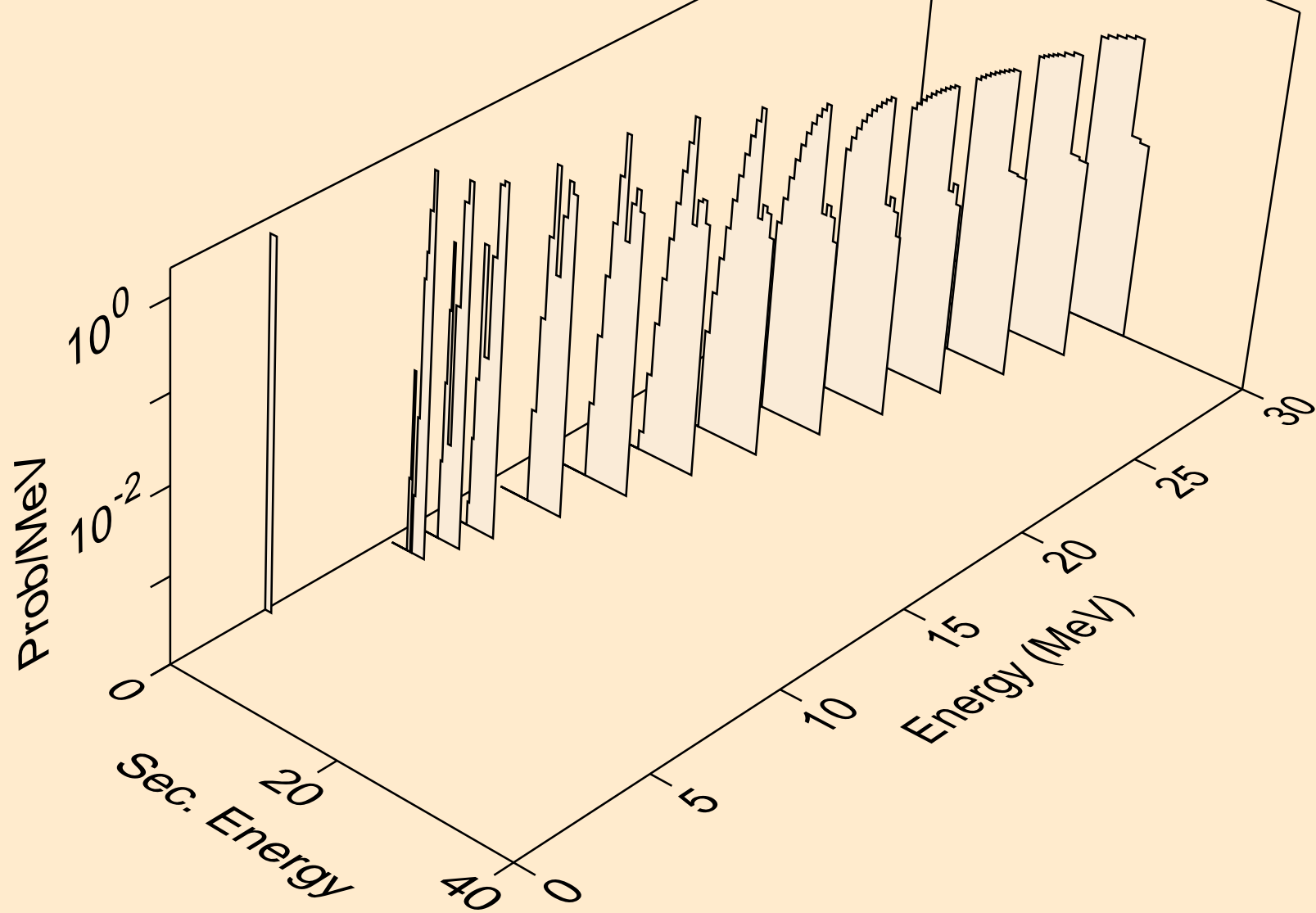
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deuterons from (p,2nd)



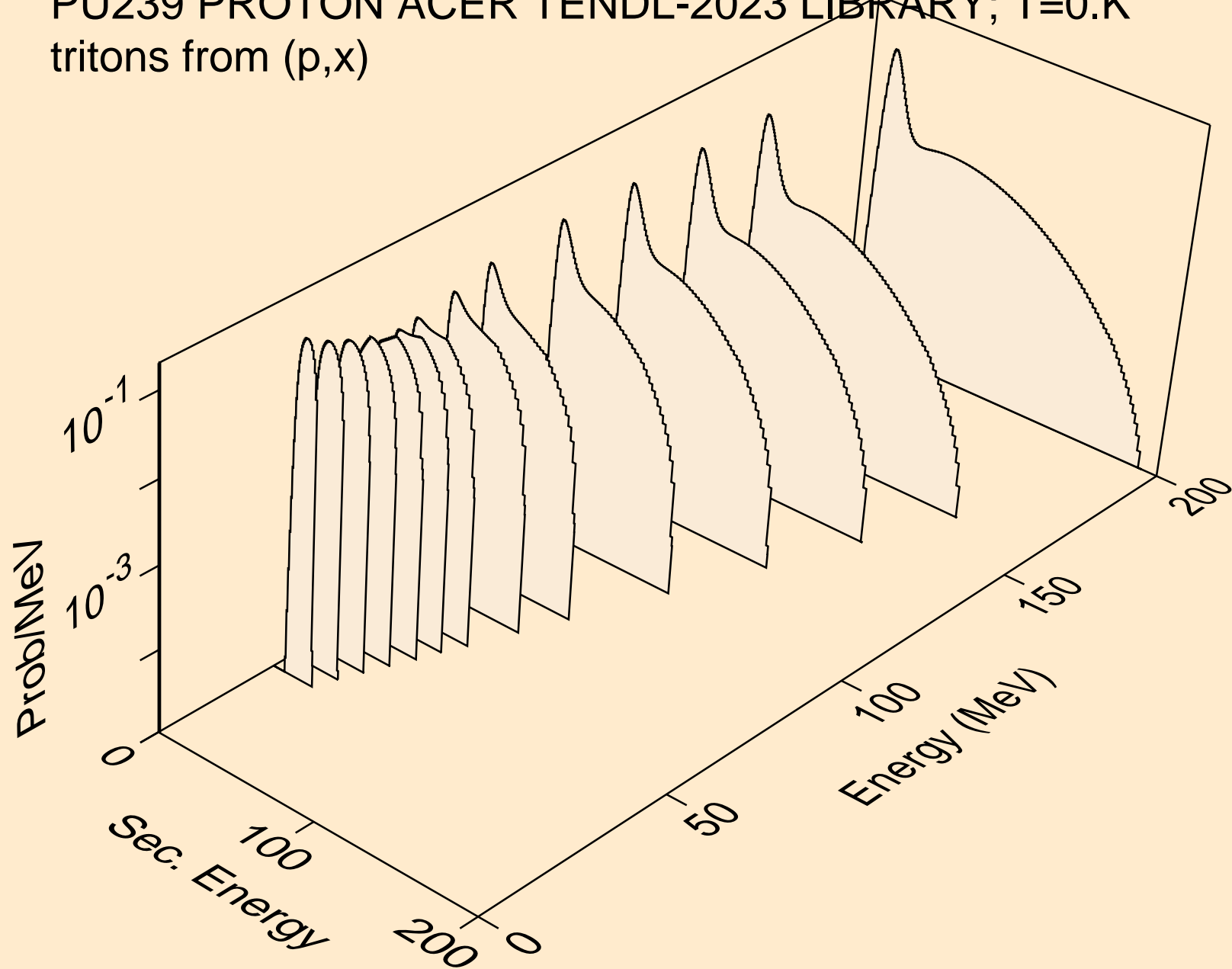
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deuterons from (p,n*)d



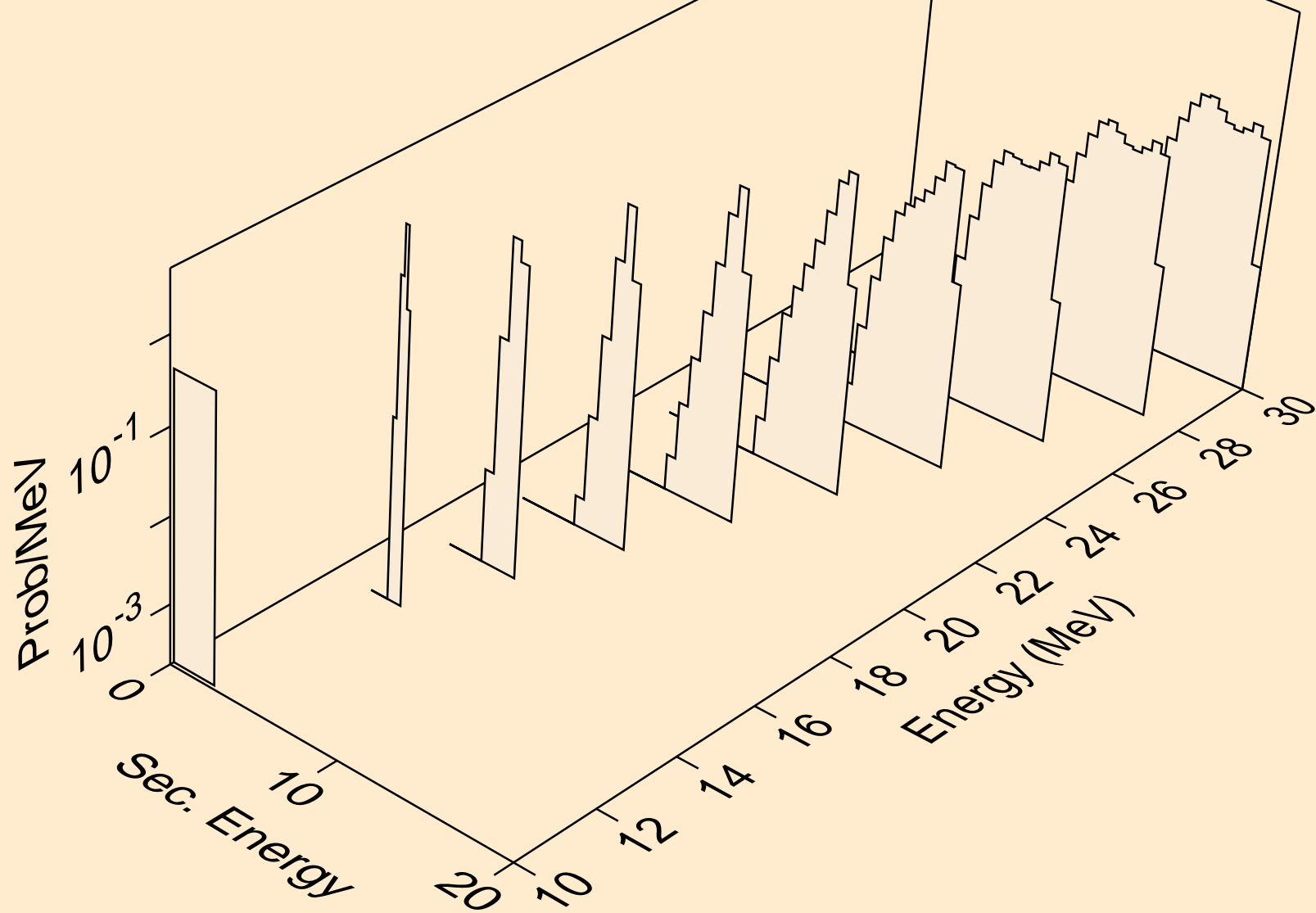
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deuterons from (p,d)



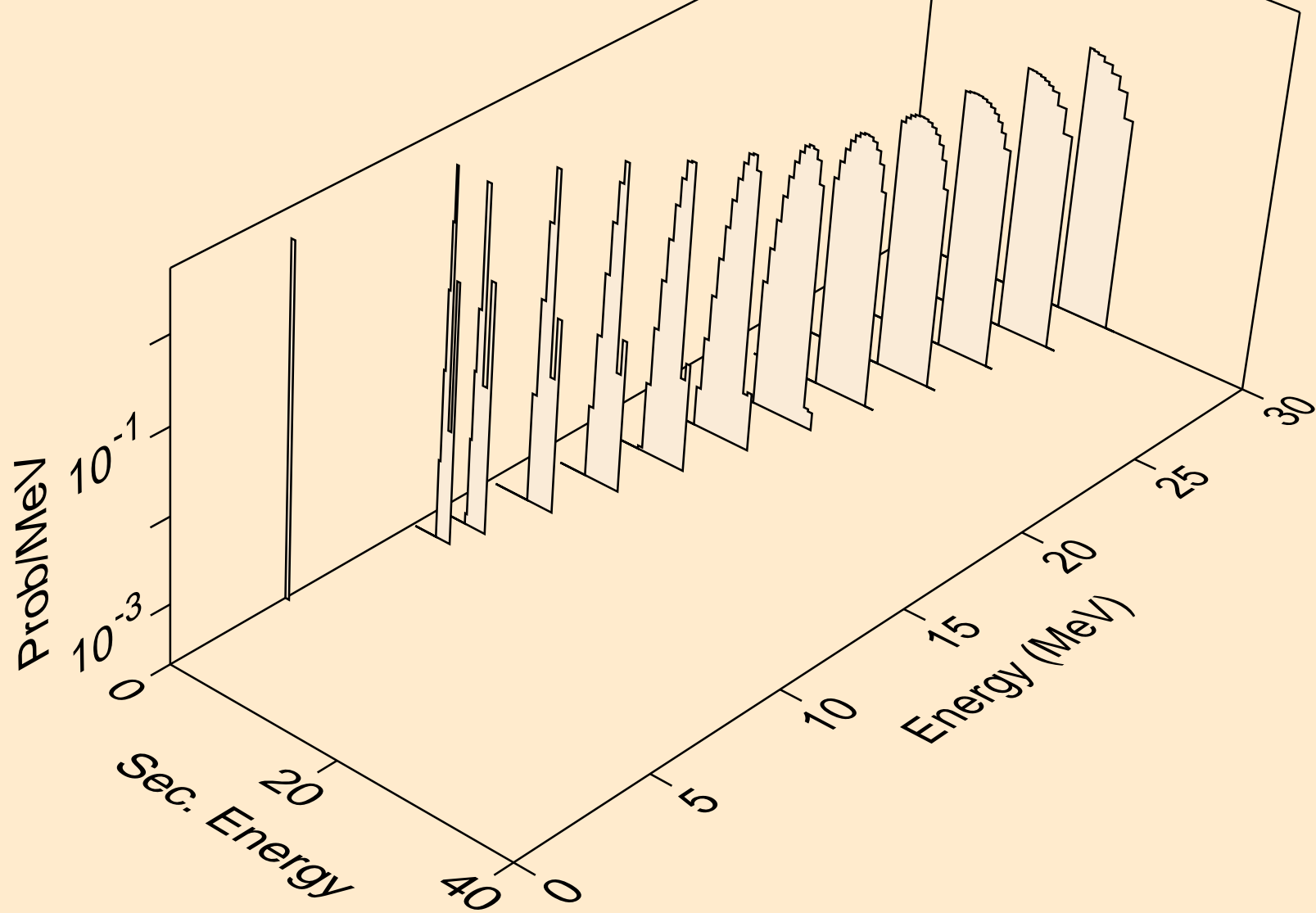
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tritons from (p,x)



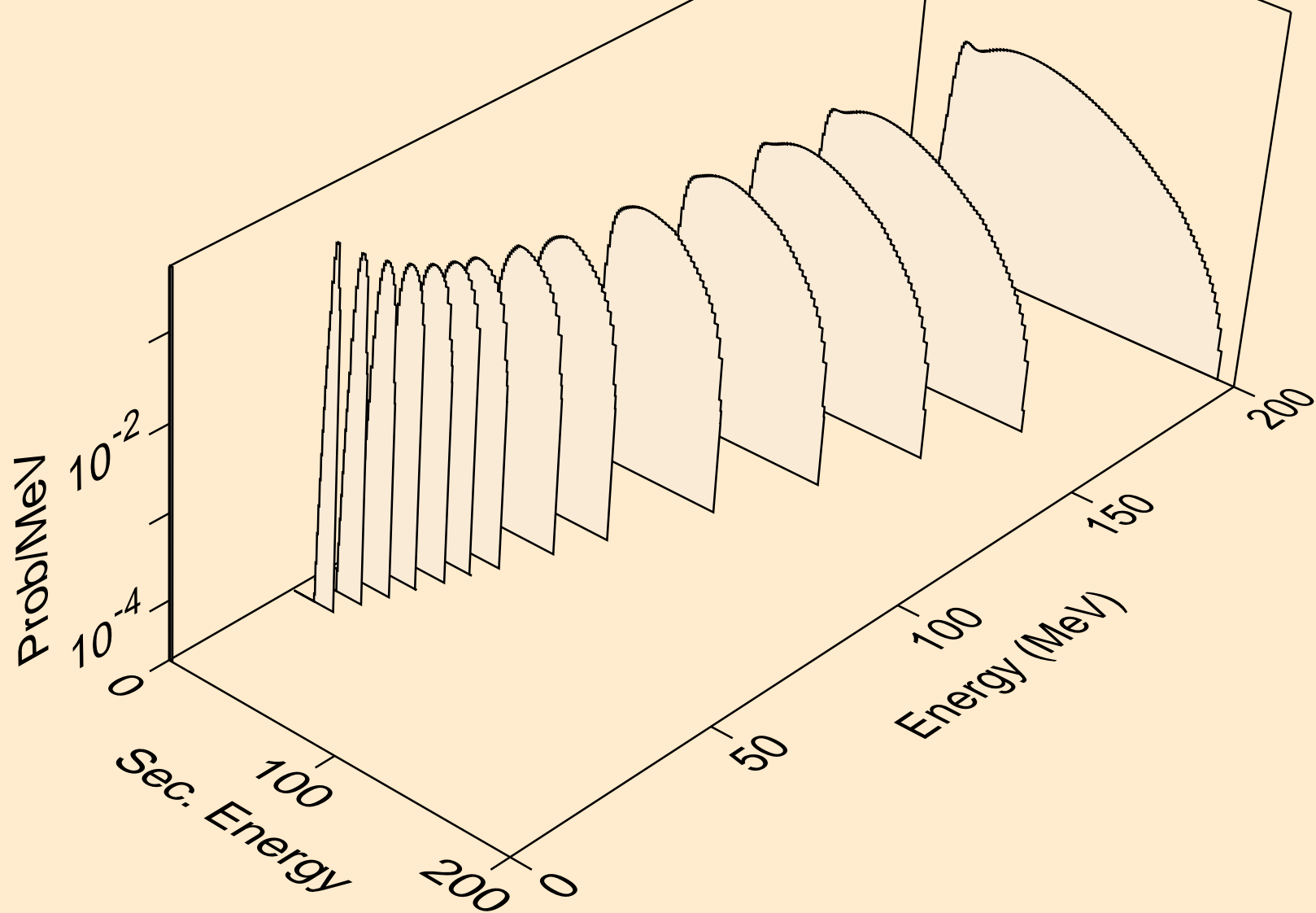
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tritons from (p,n*)t



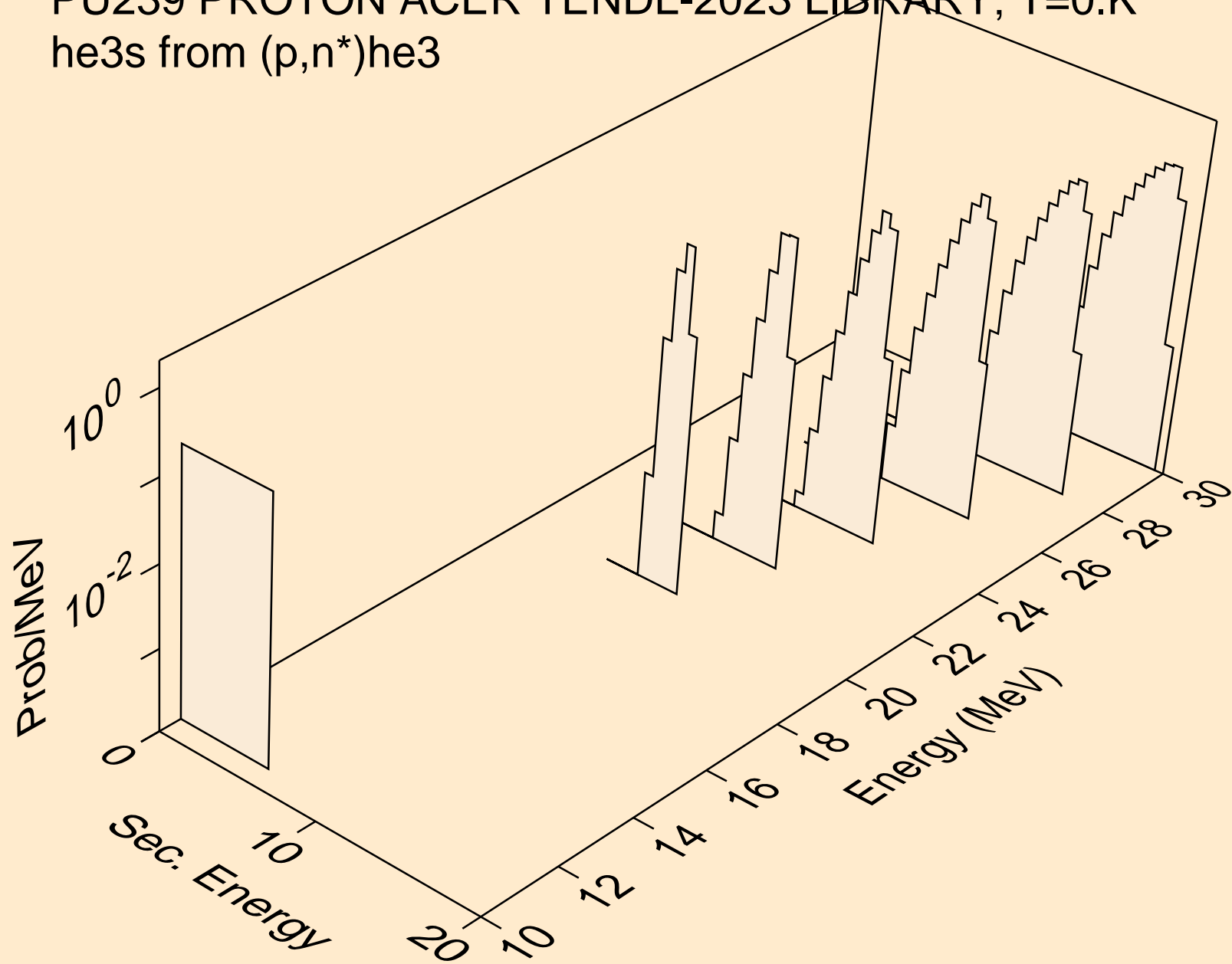
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tritons from (p,t)



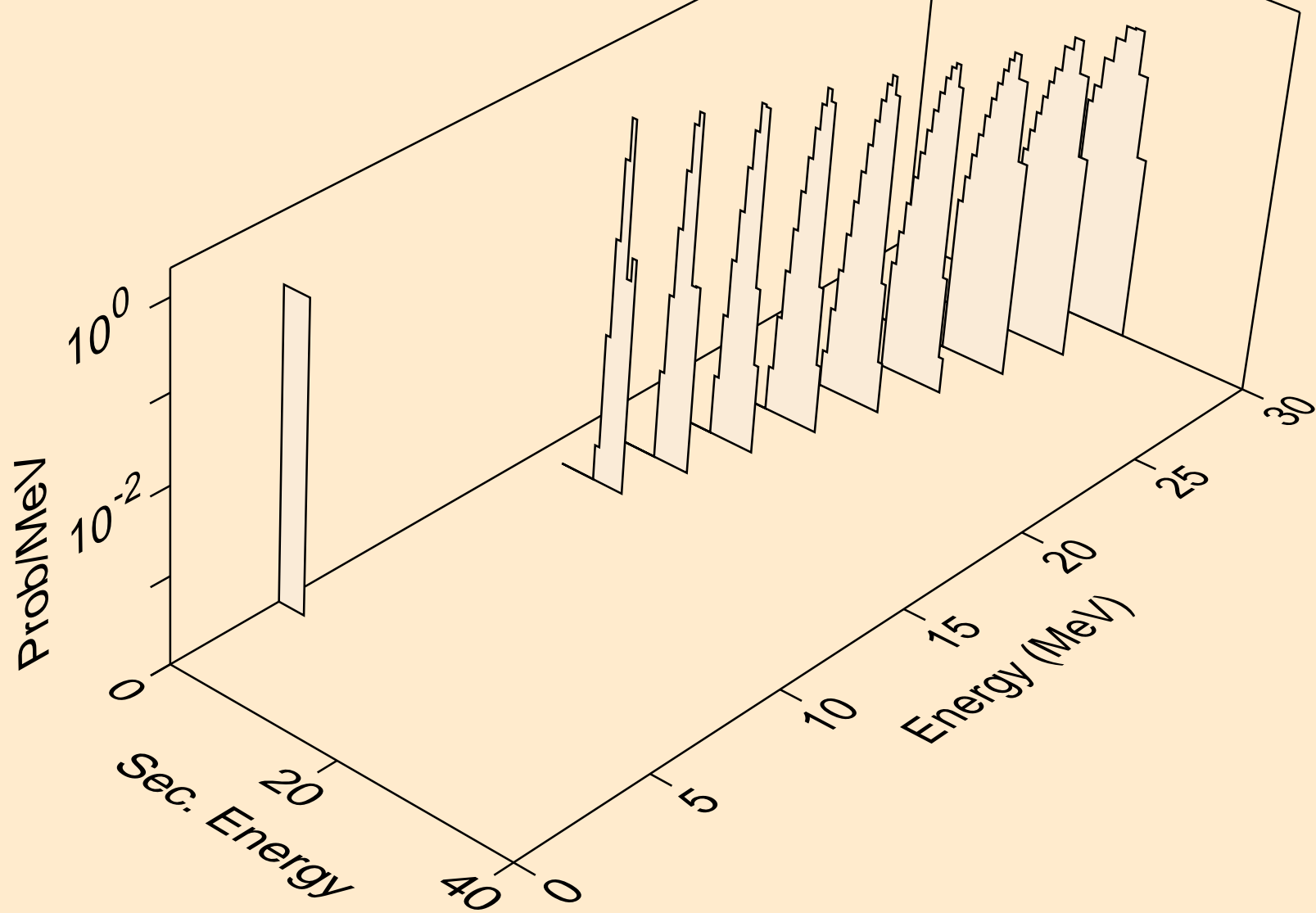
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he3s from (p,x)



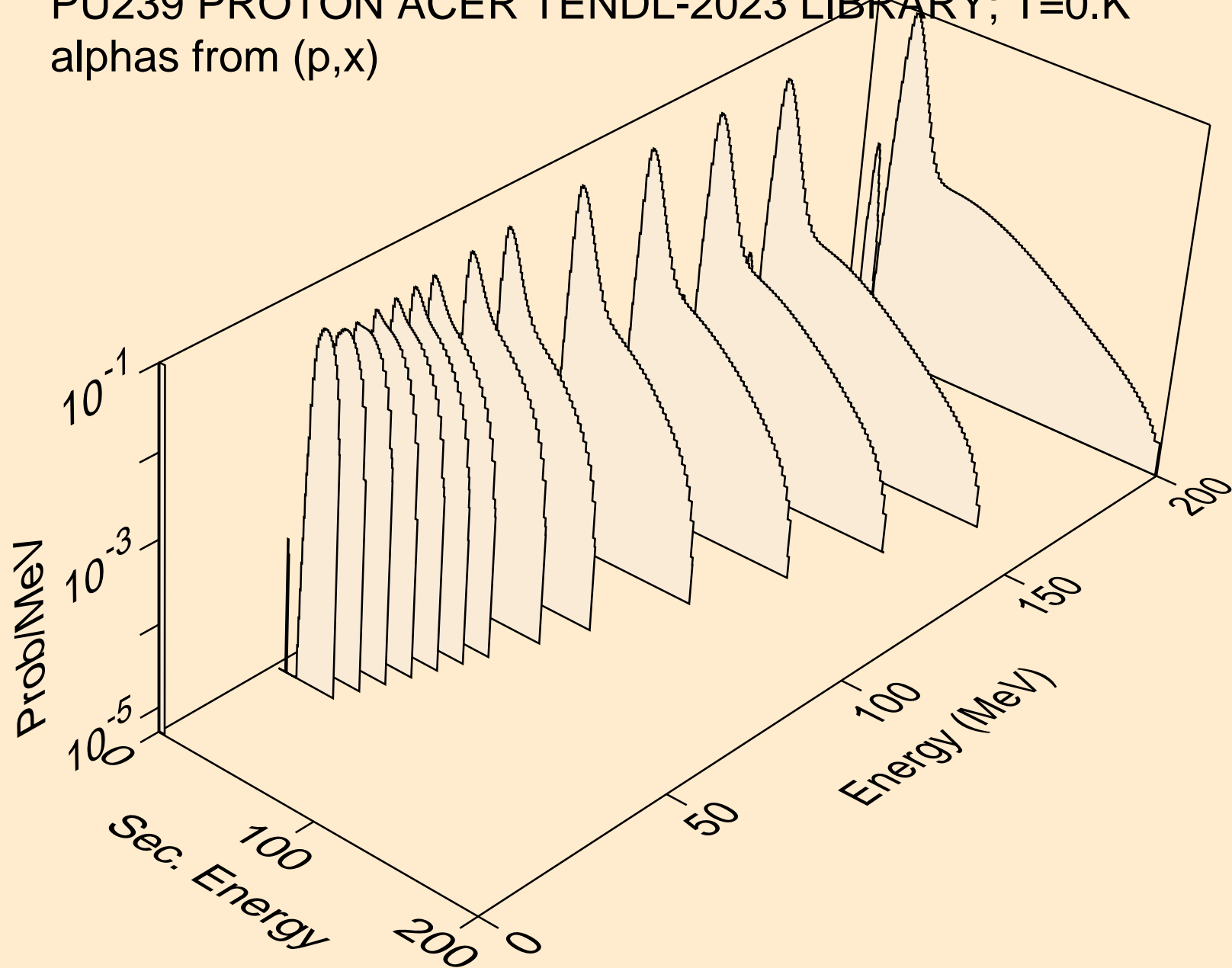
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he3s from (p,n*)he3



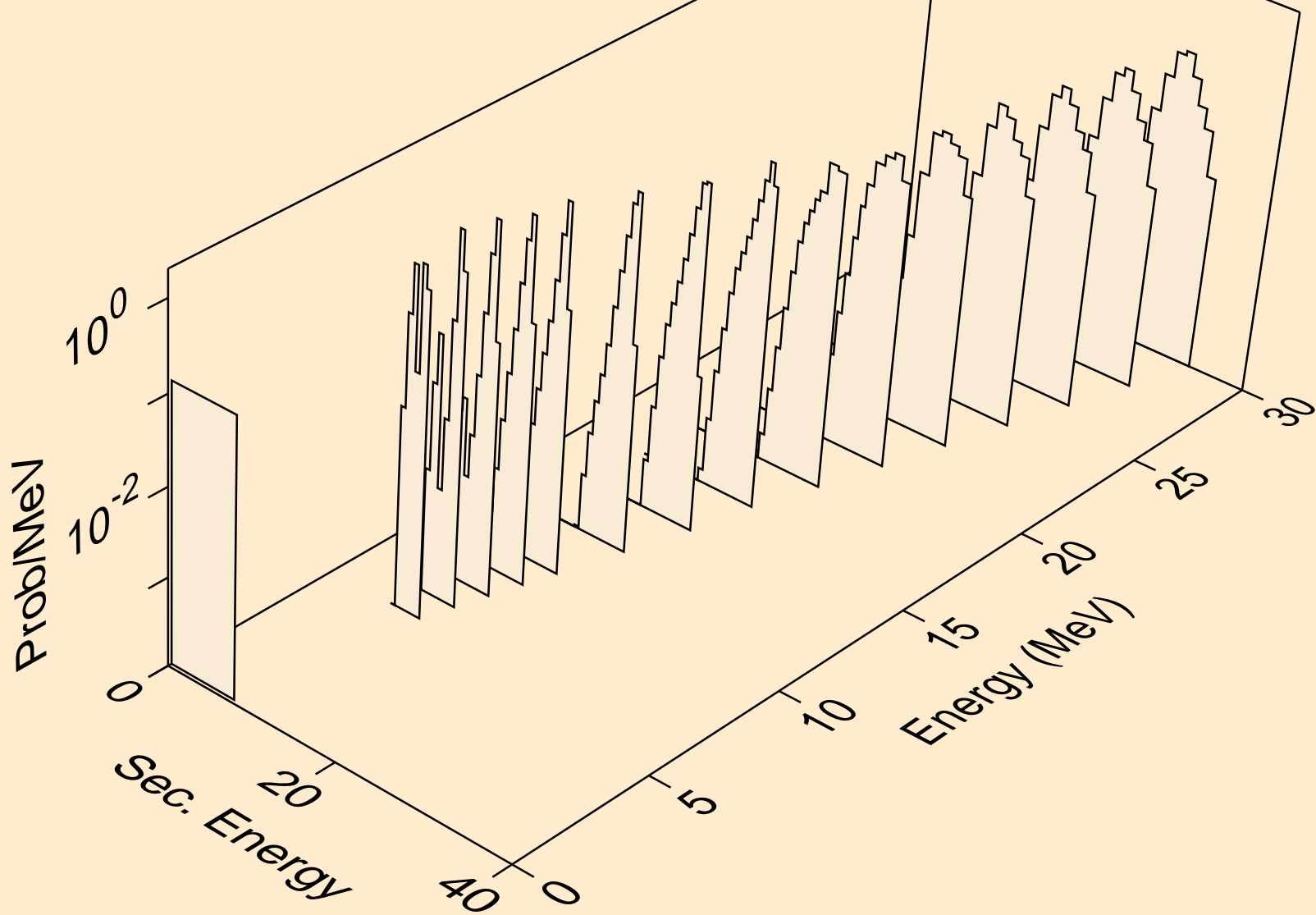
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



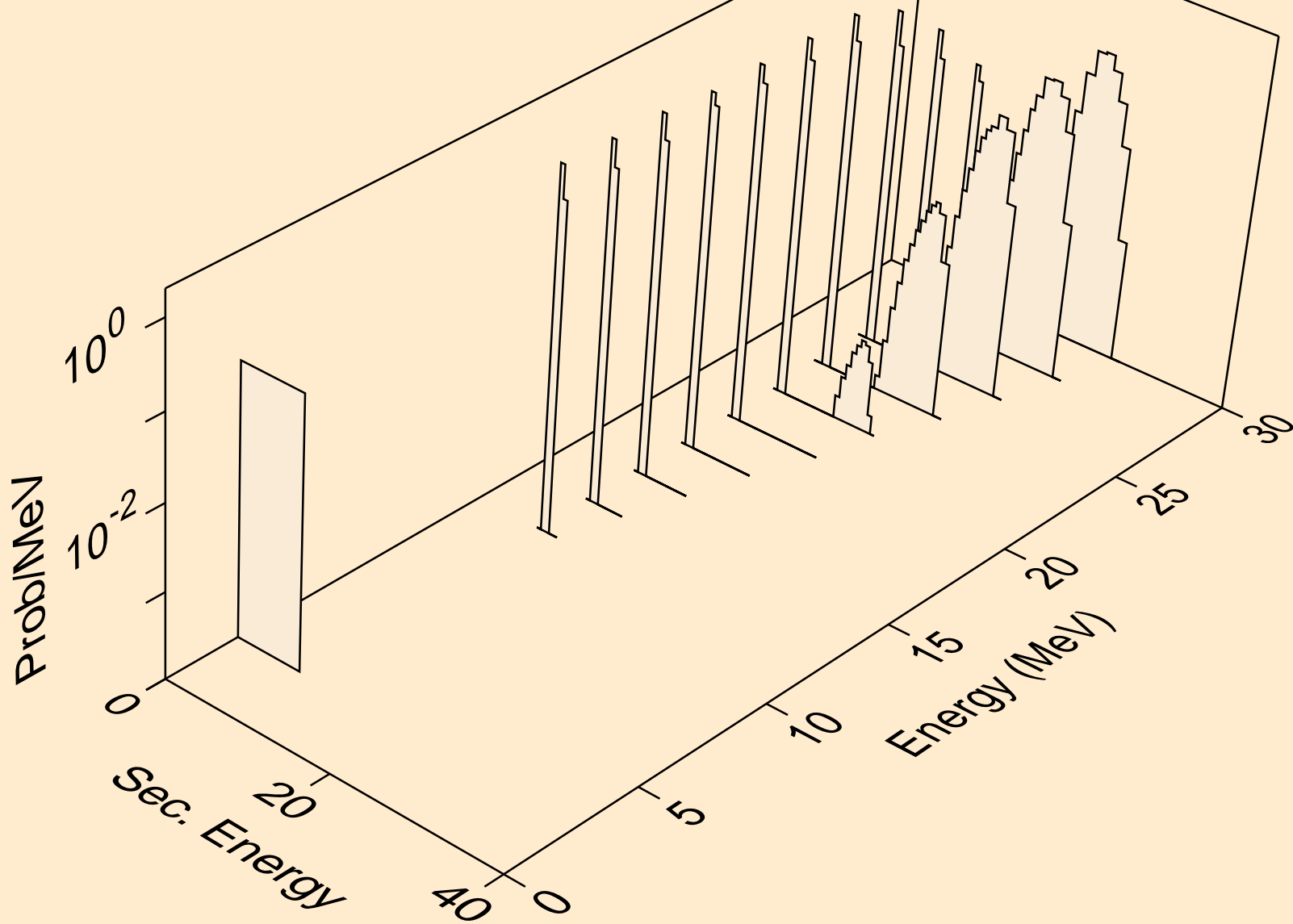
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



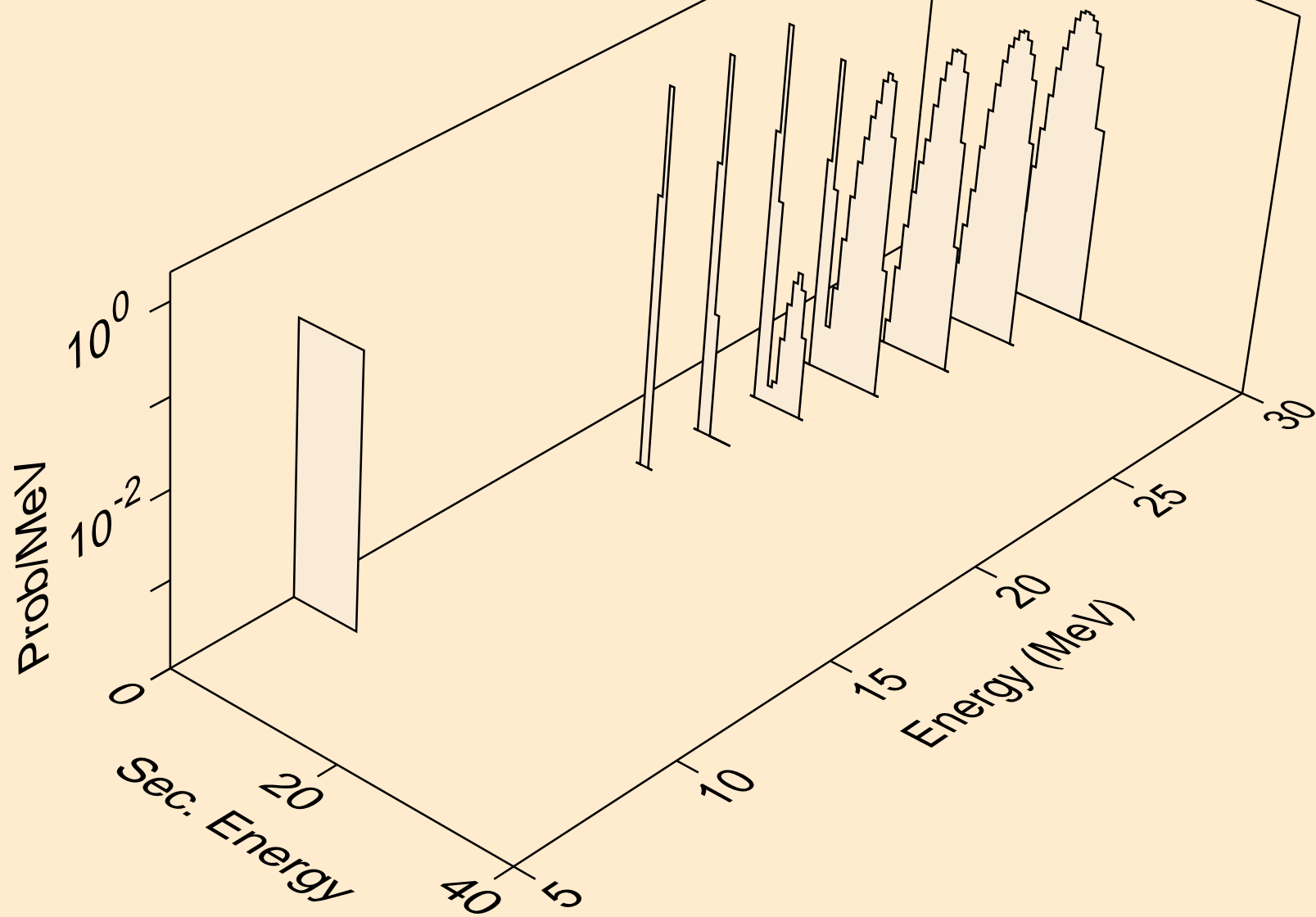
PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



PU239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)

