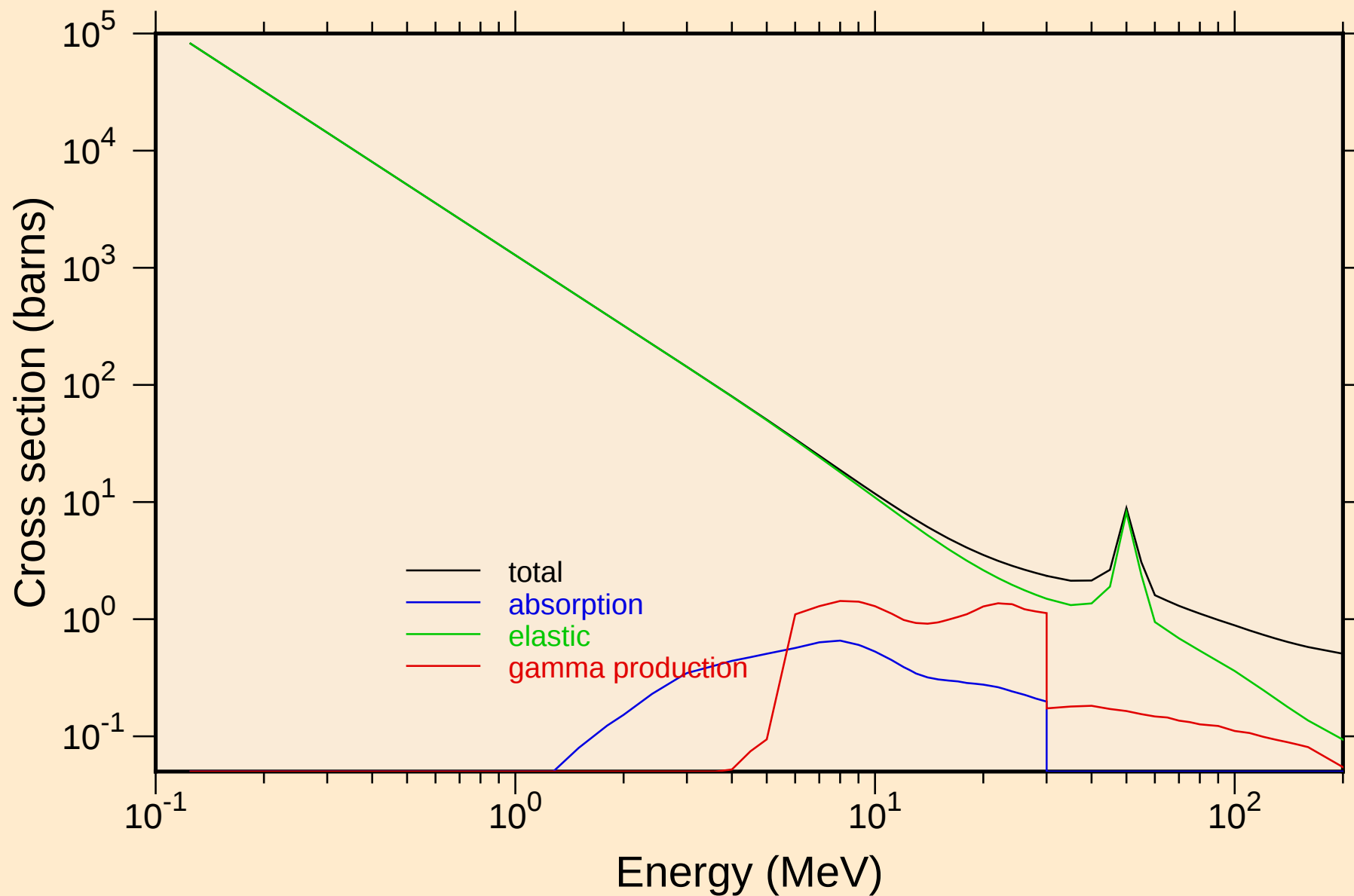


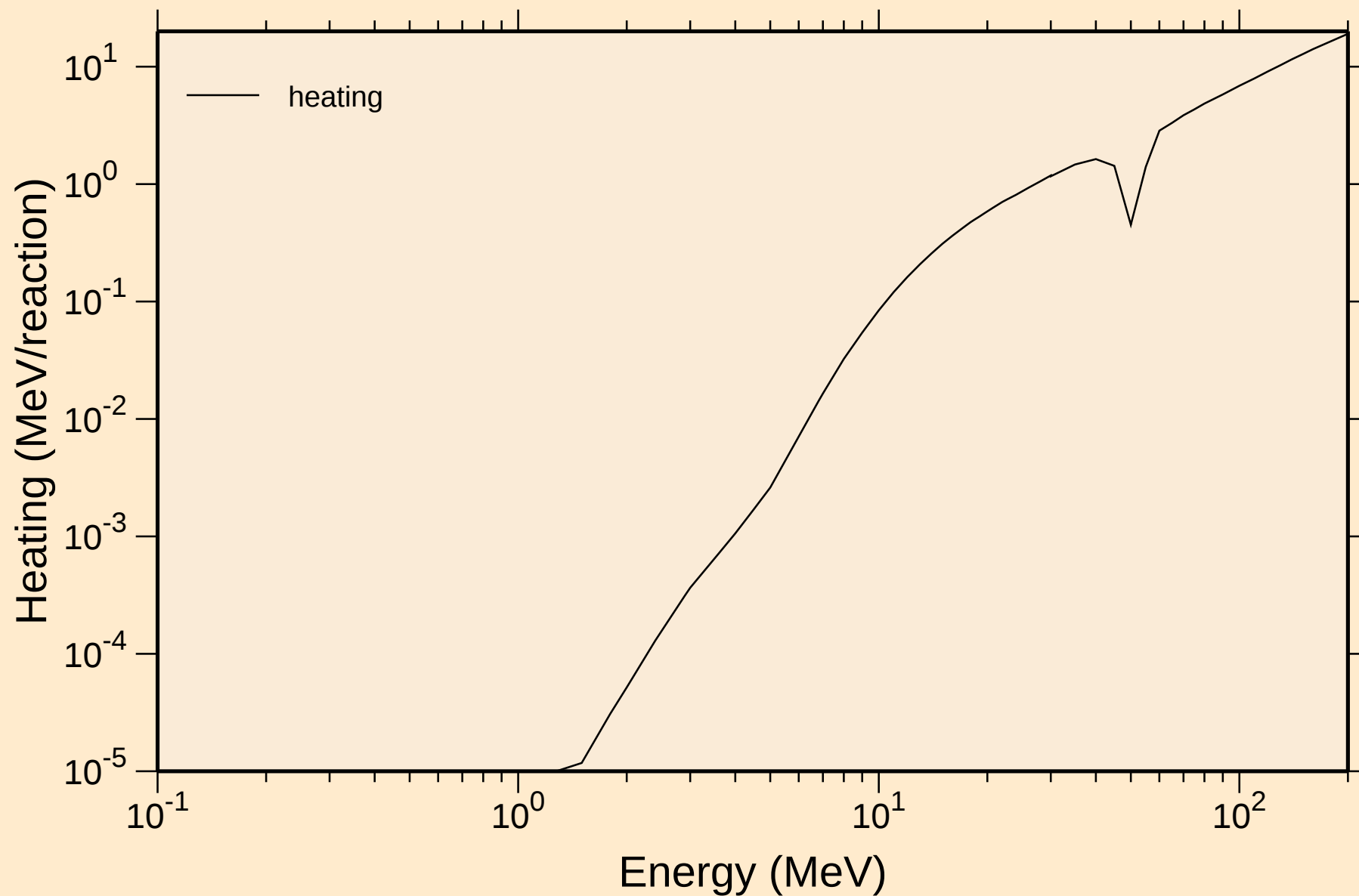
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



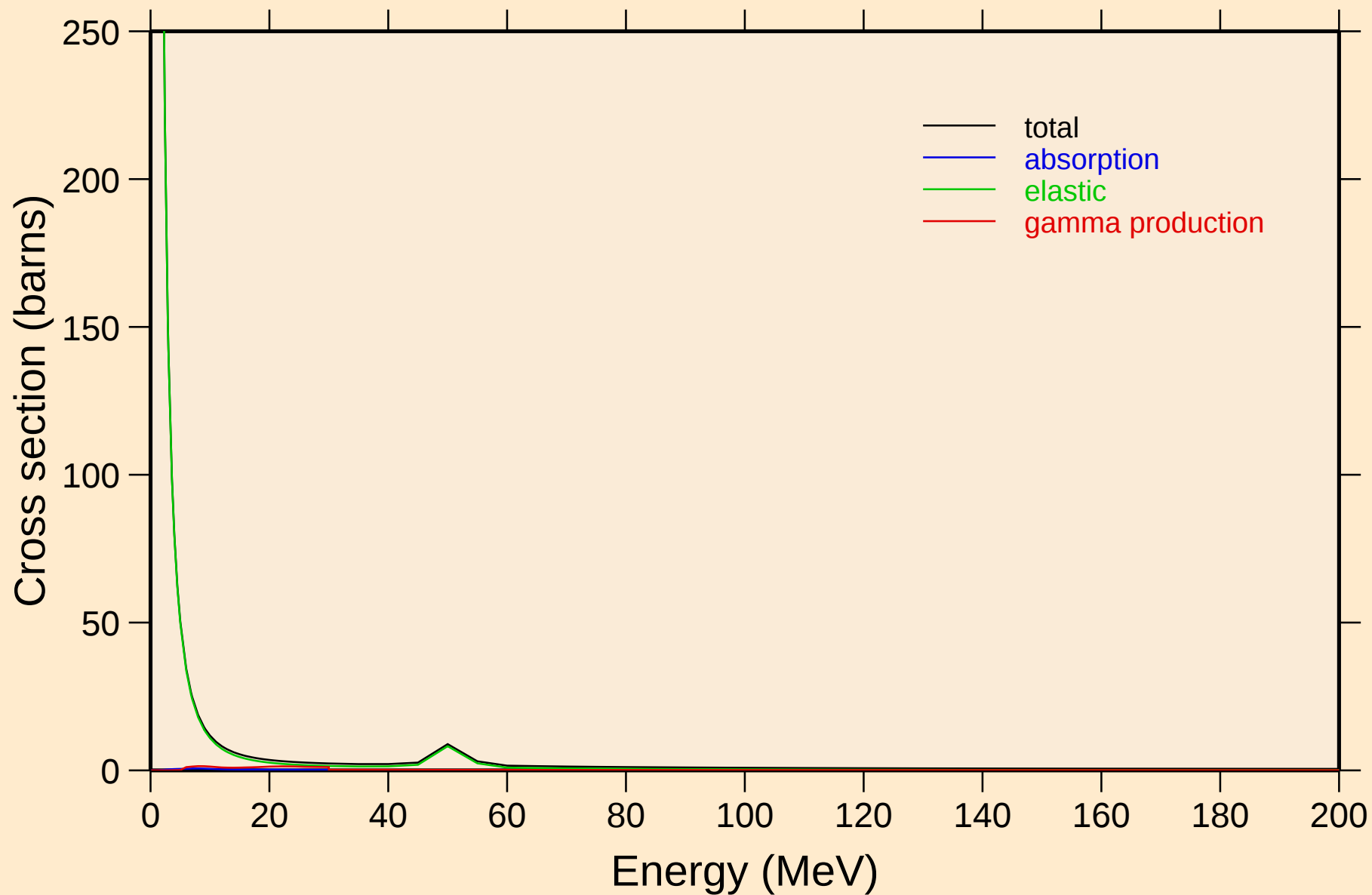
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Heating



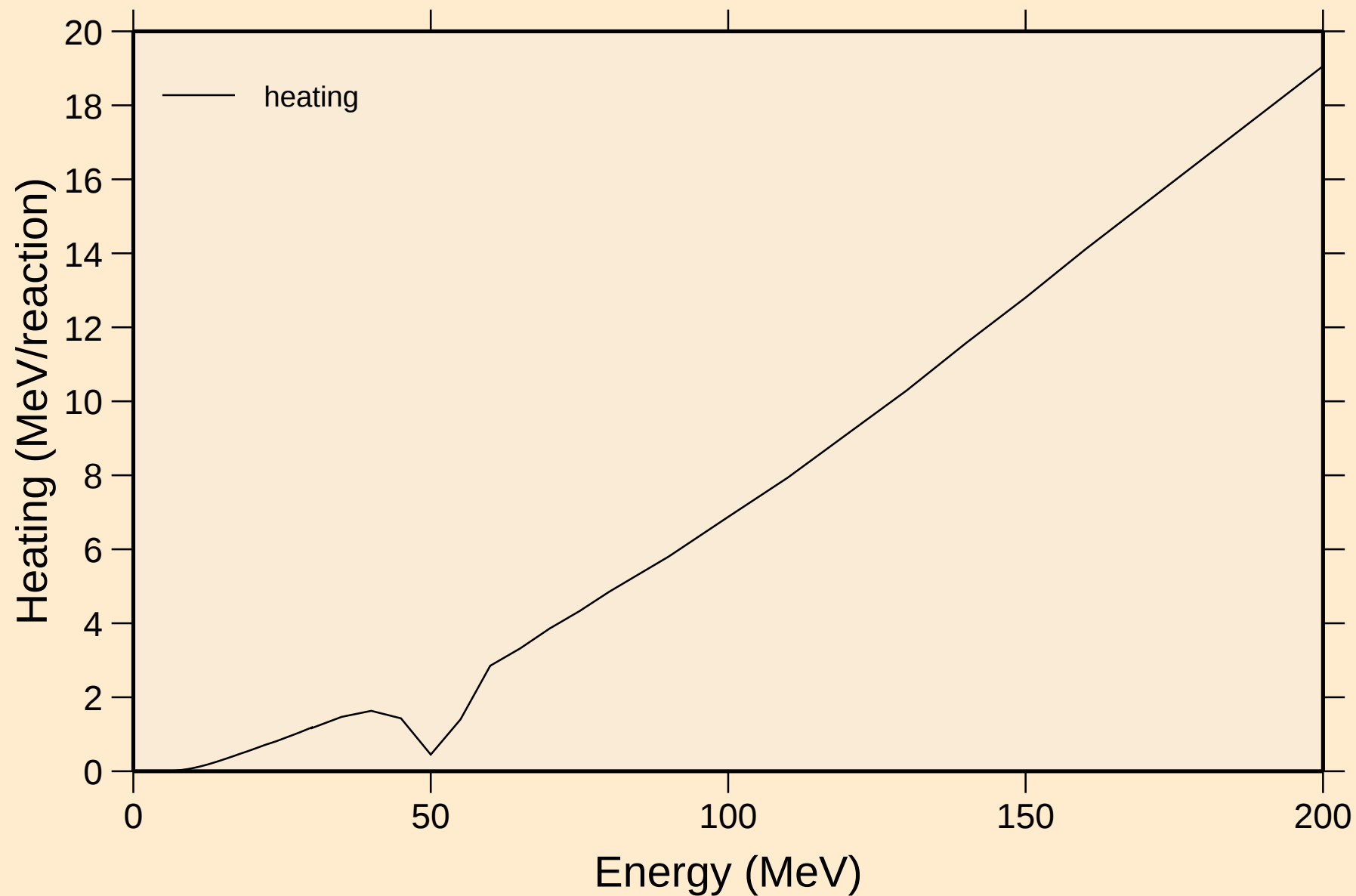
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Principal cross sections



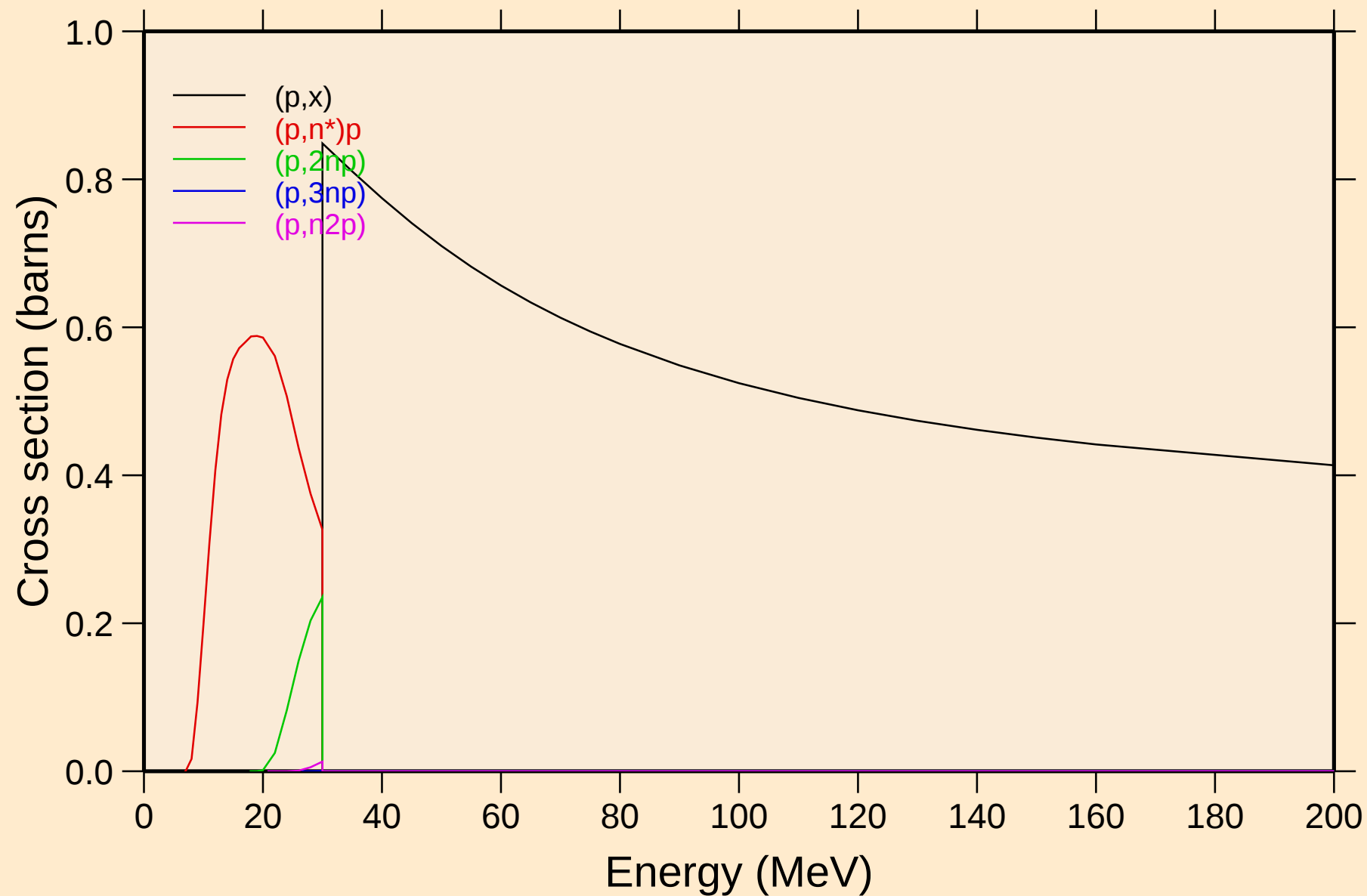
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Heating



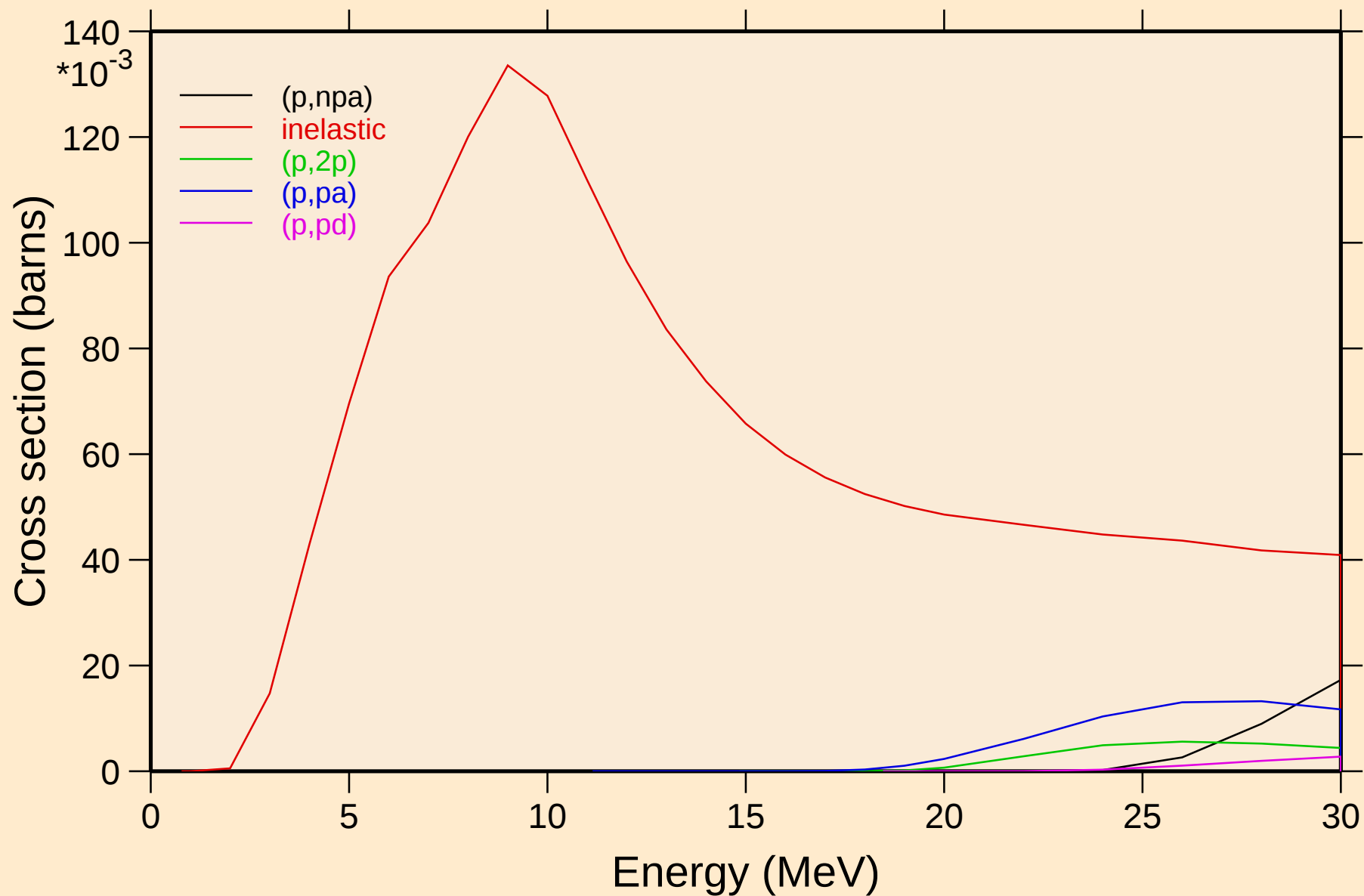
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Threshold reactions

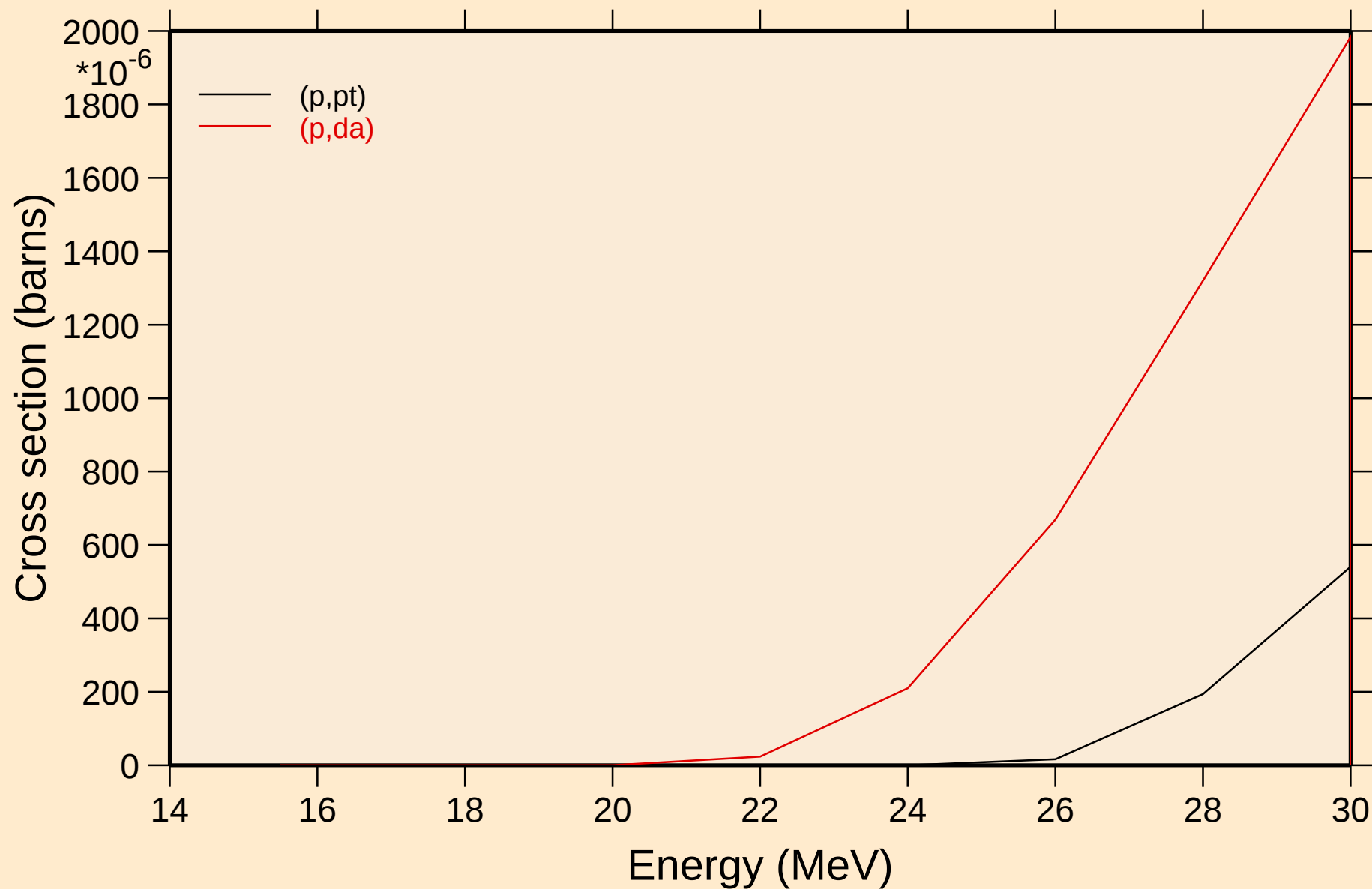


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K

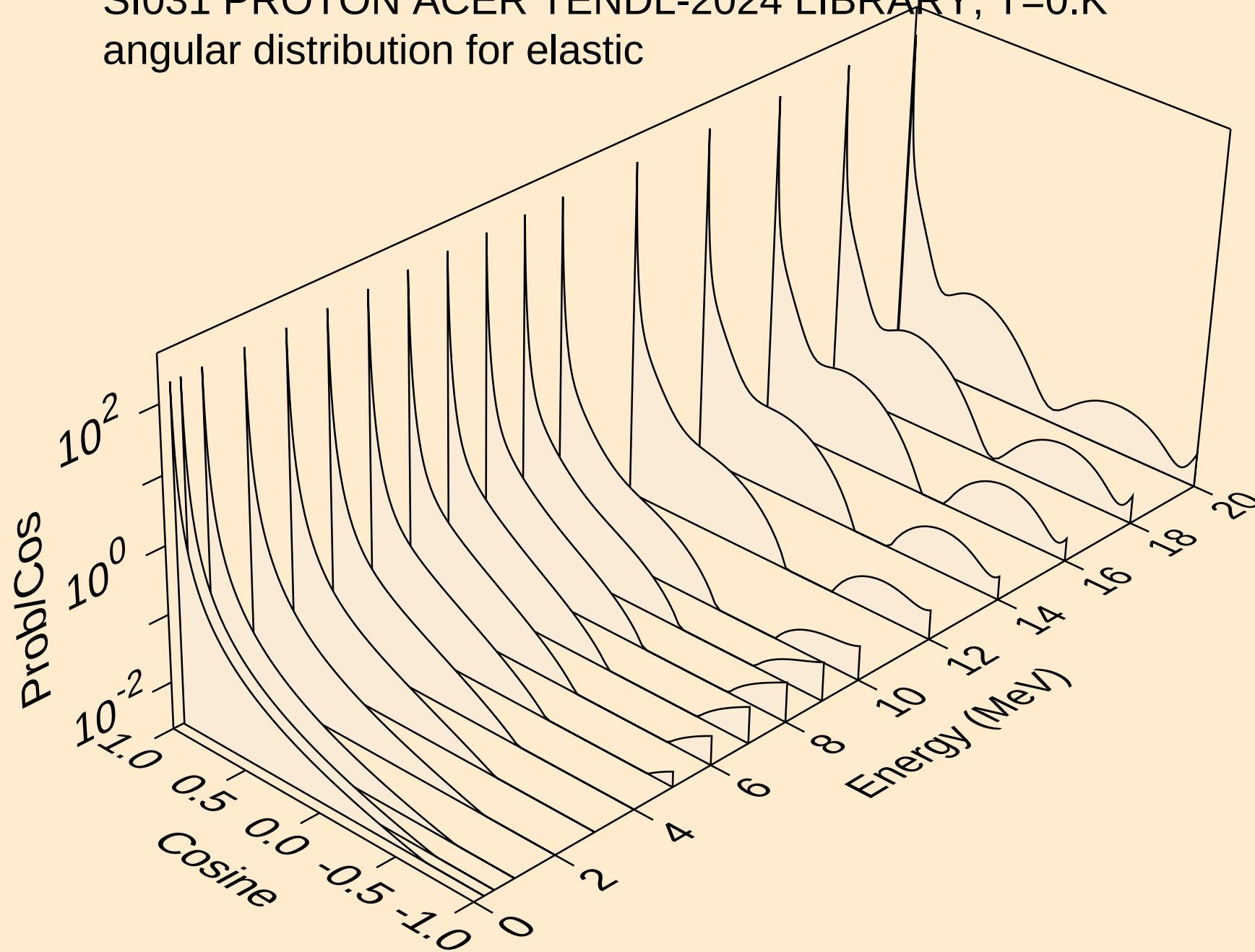
Threshold reactions



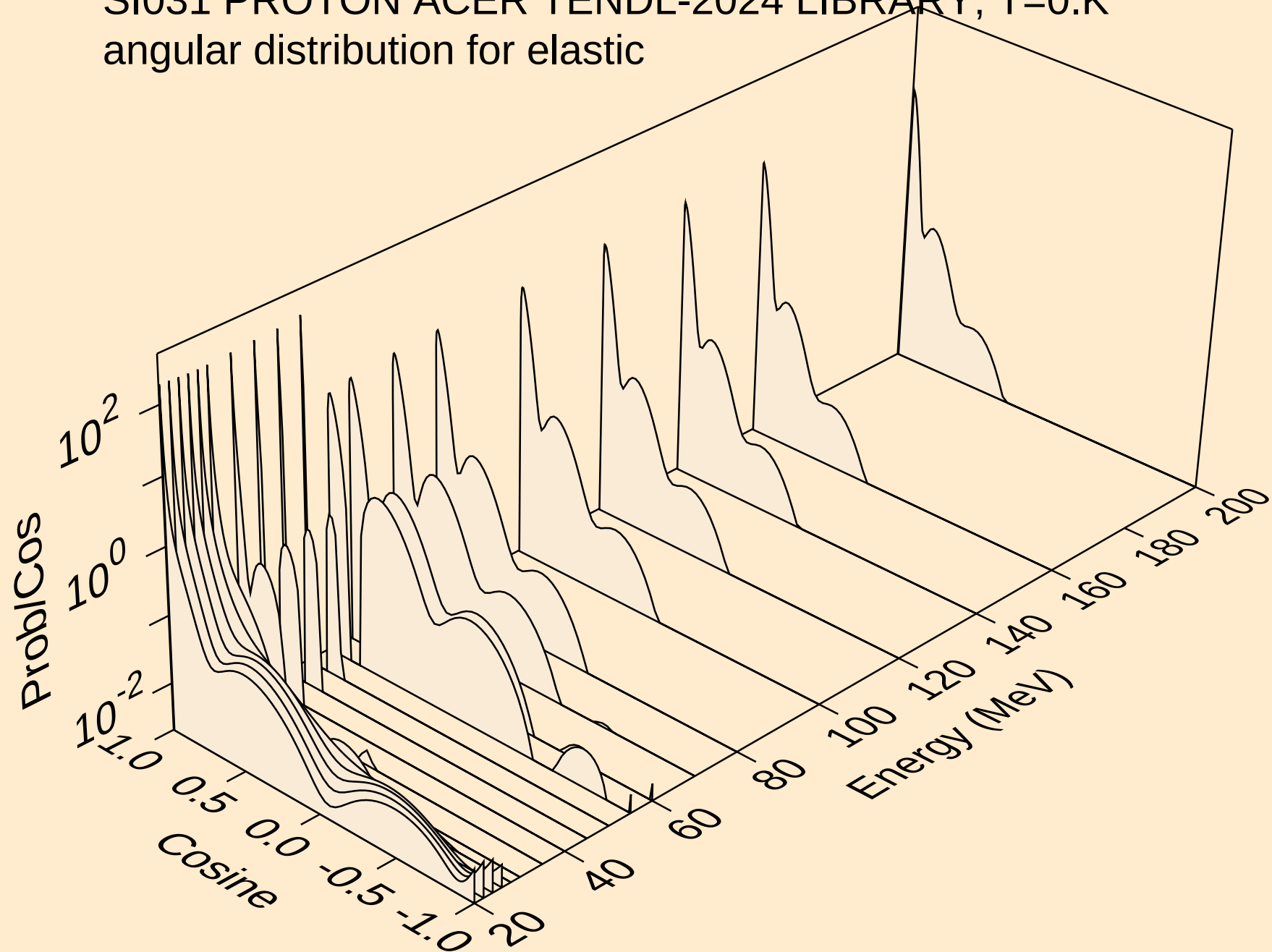
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

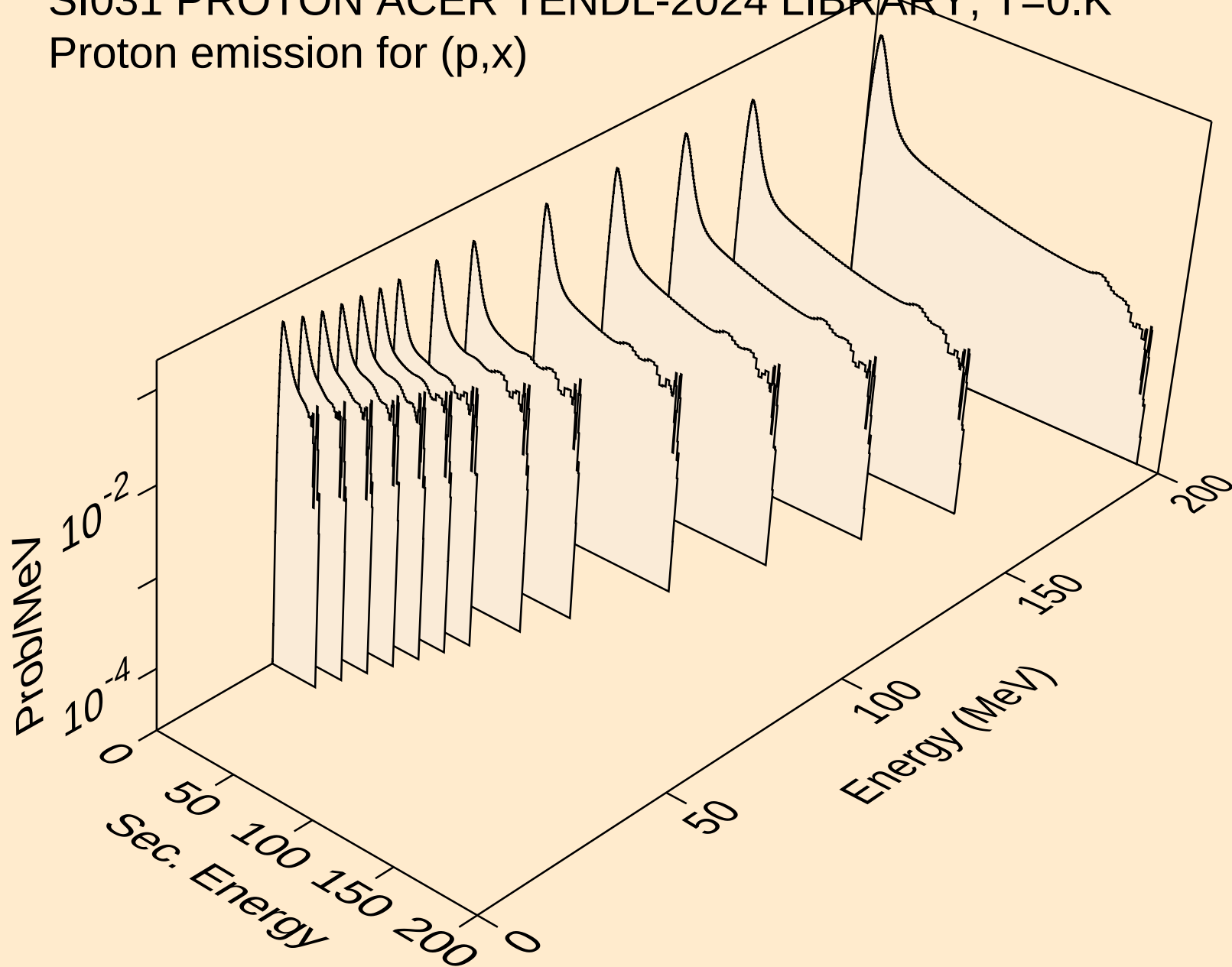


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



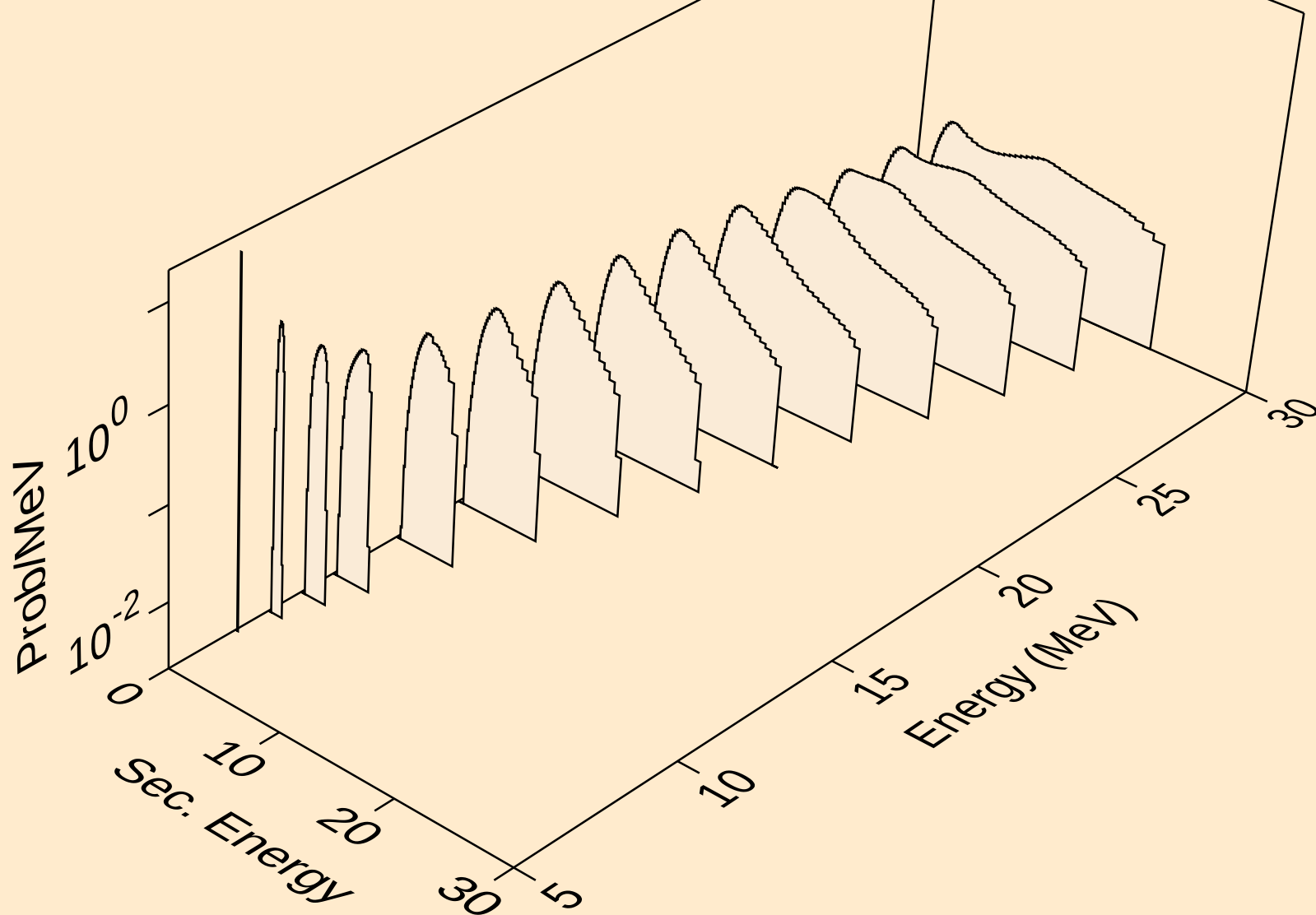
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,x)

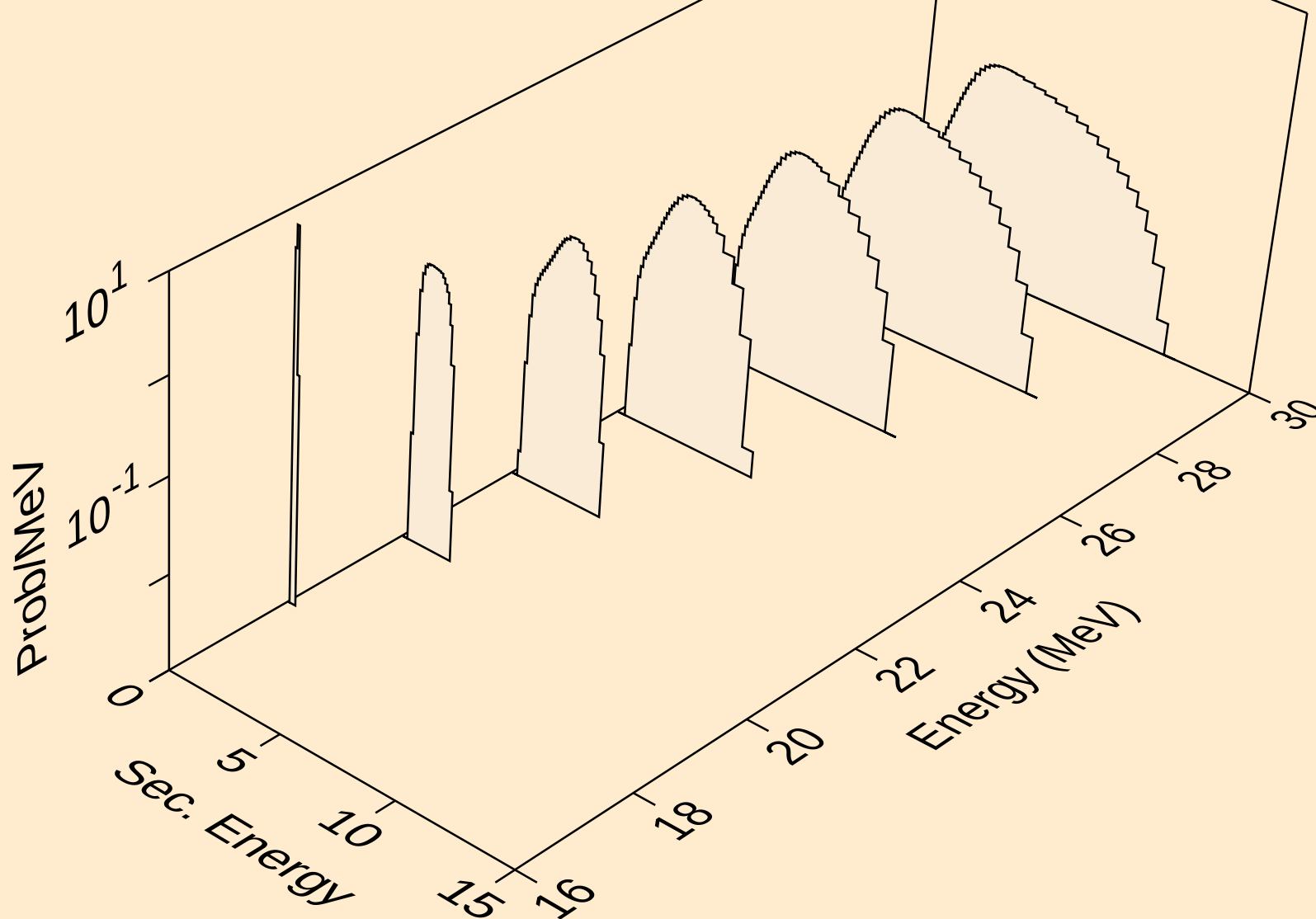


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,n*)p

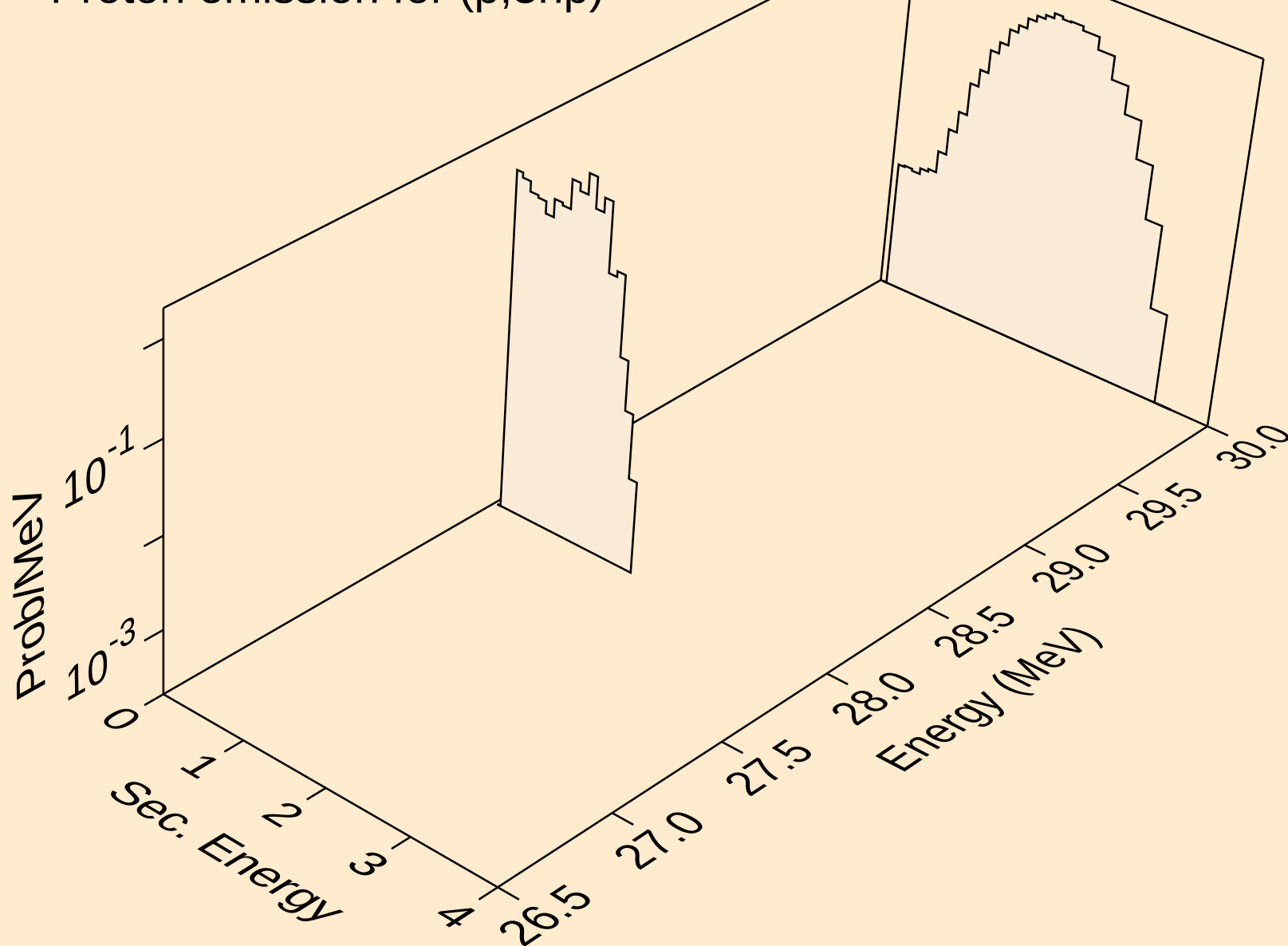


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2np)

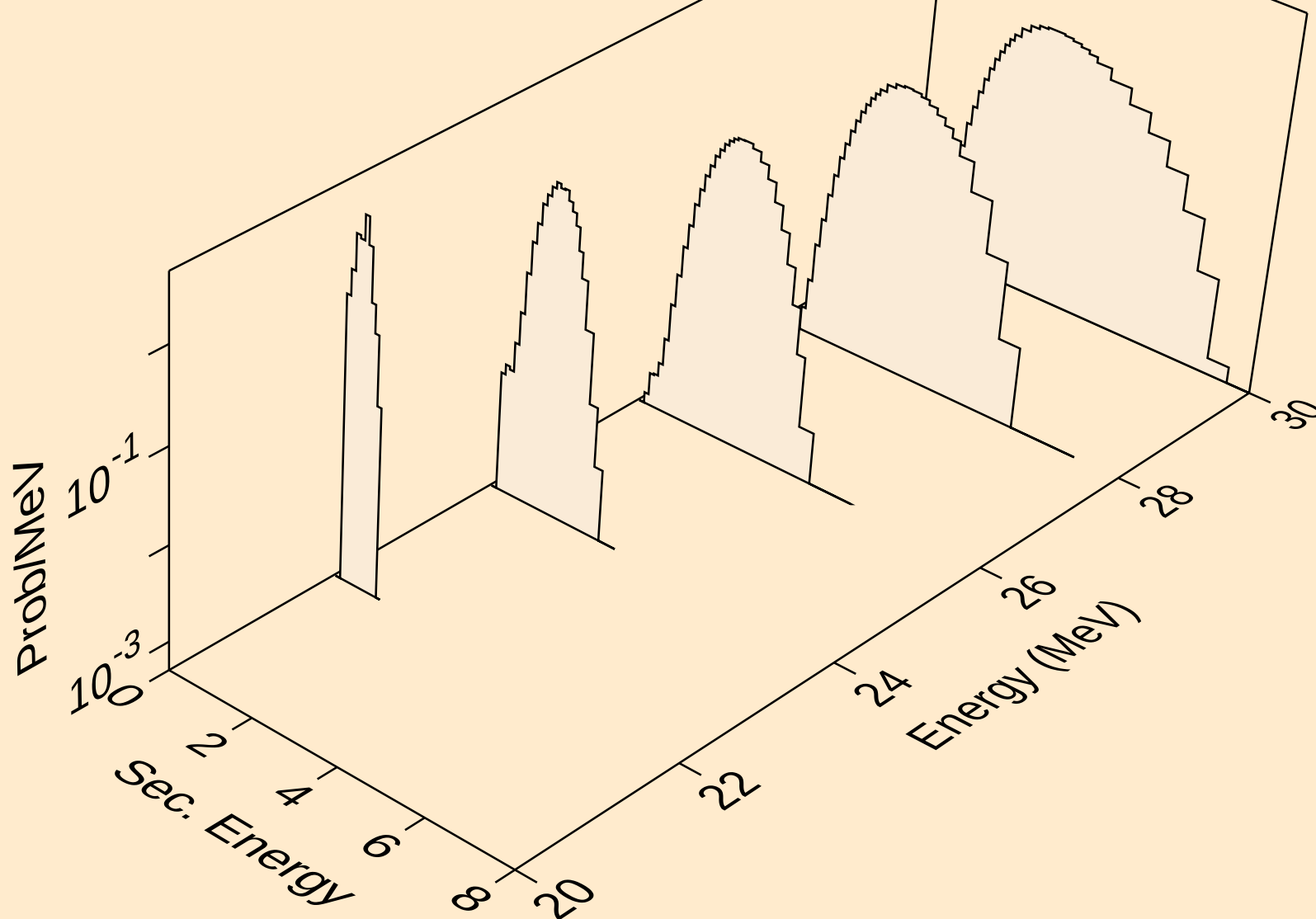


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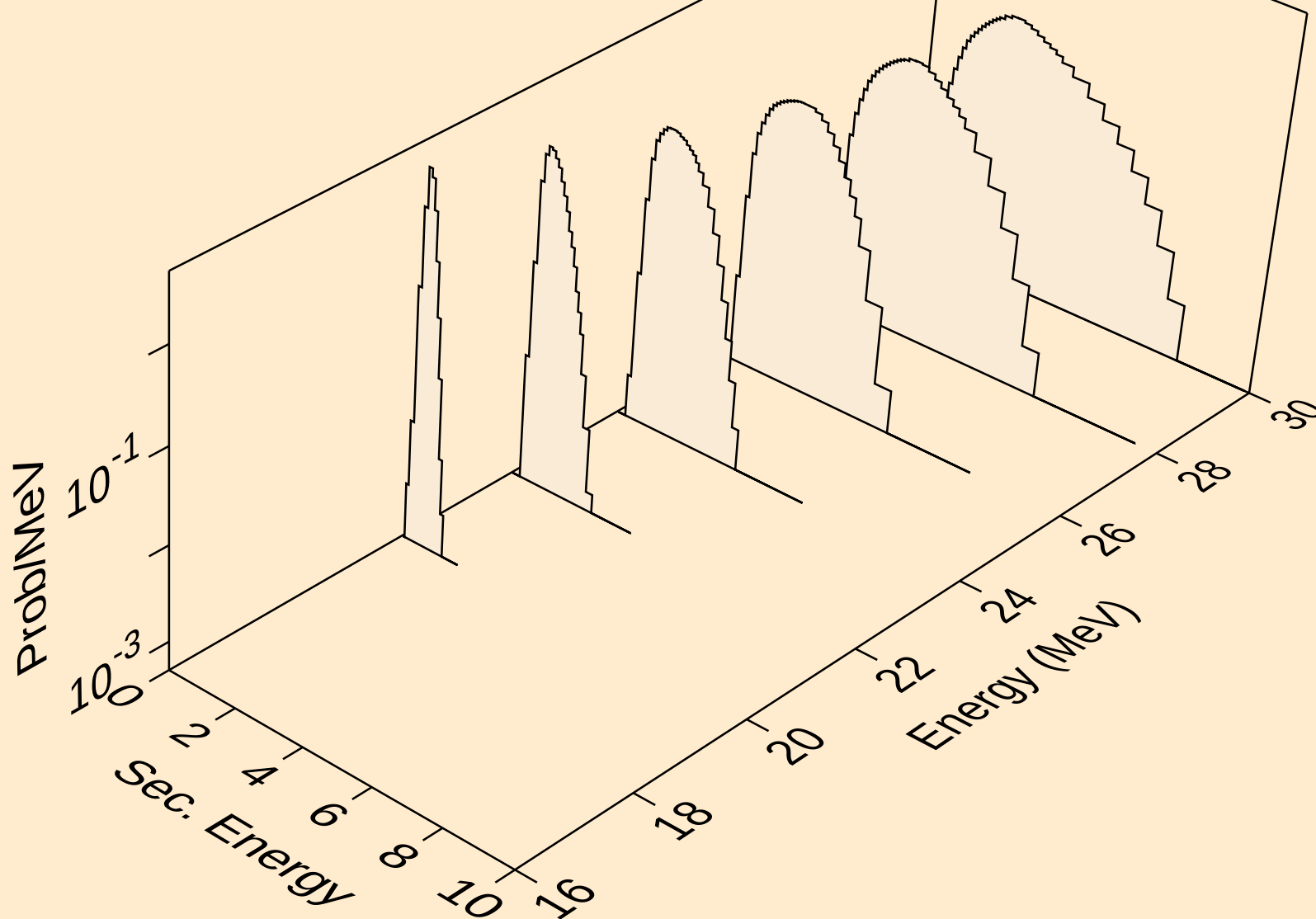
Proton emission for (p,3np)



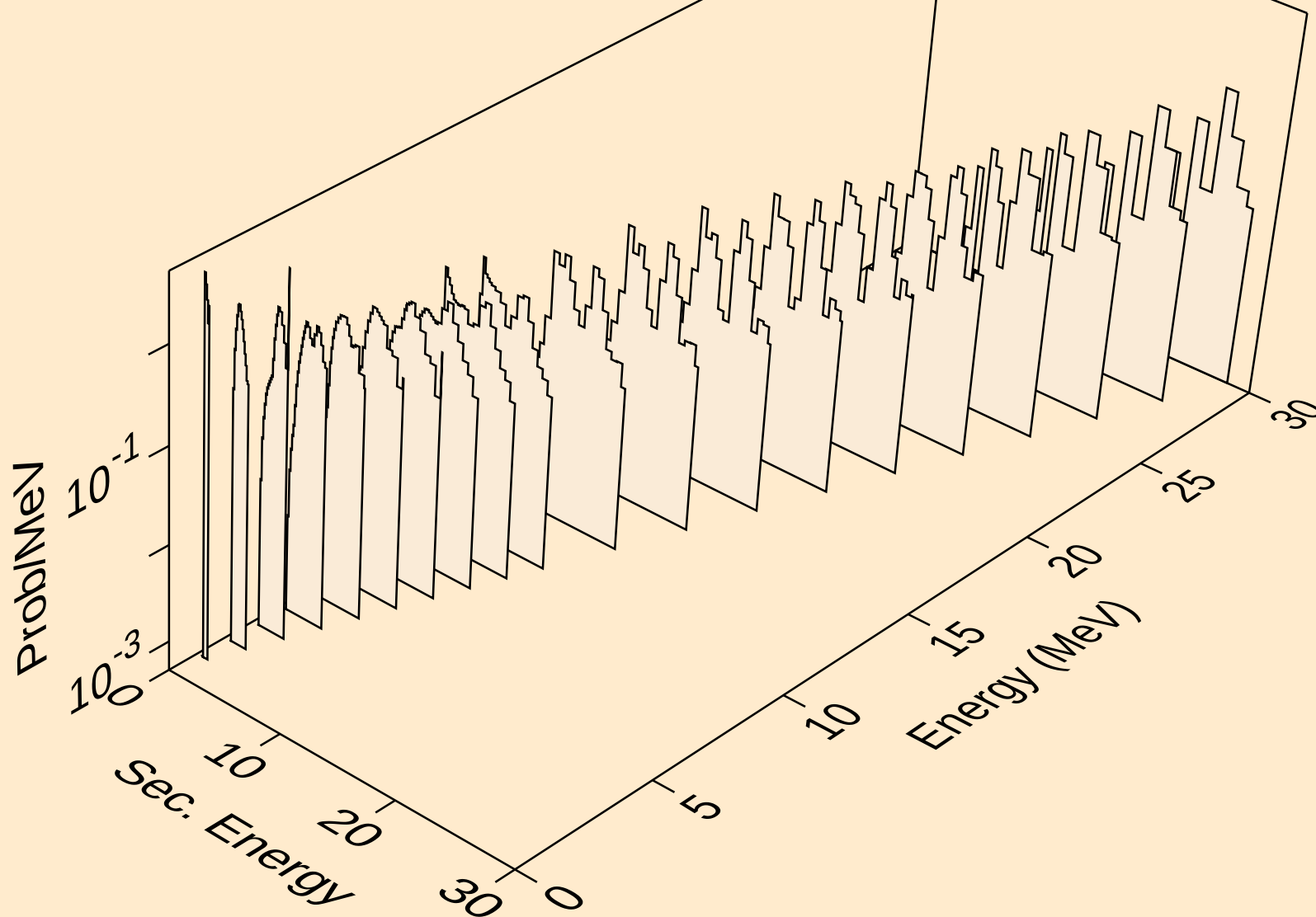
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,n2p)



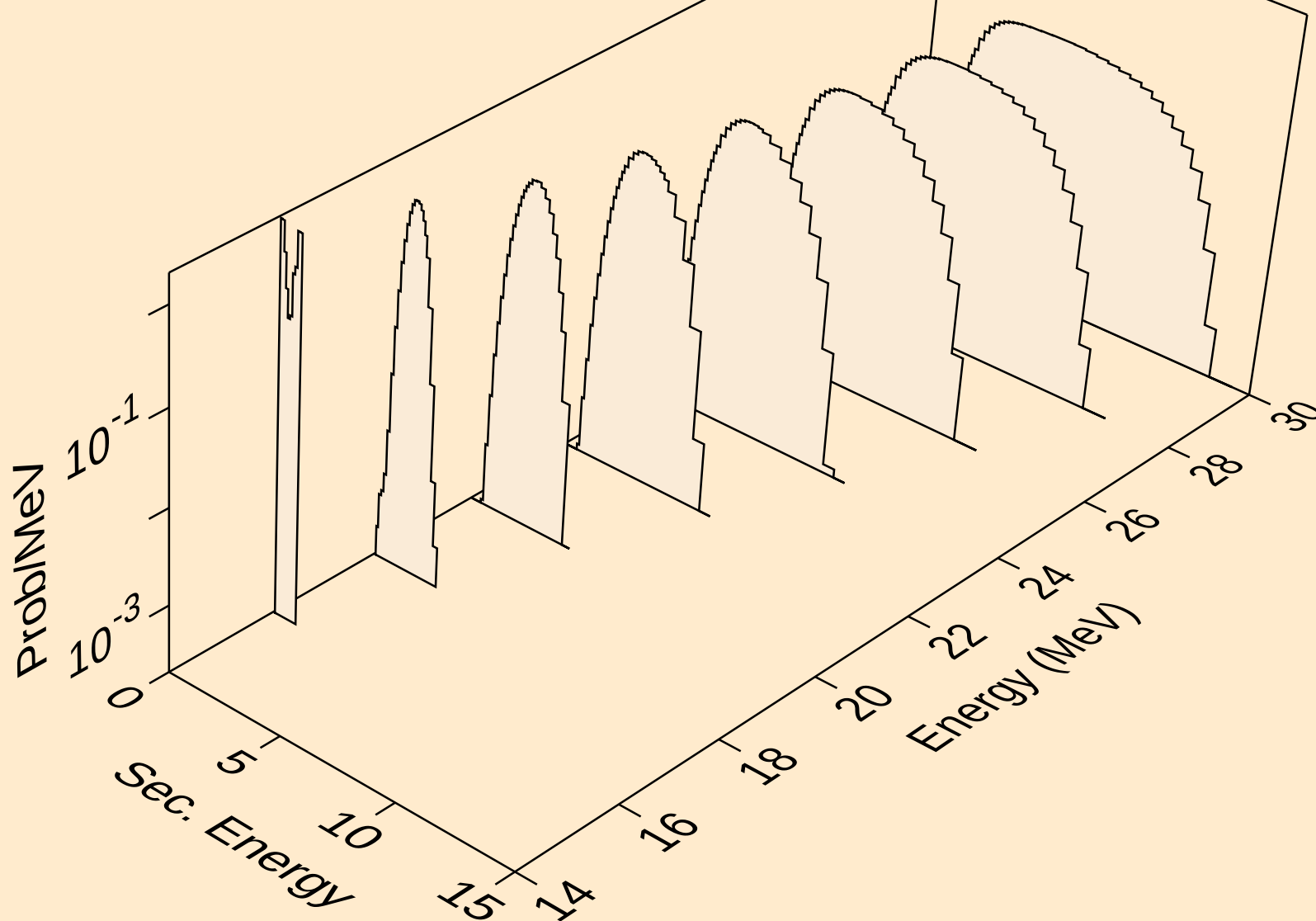
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,npa)



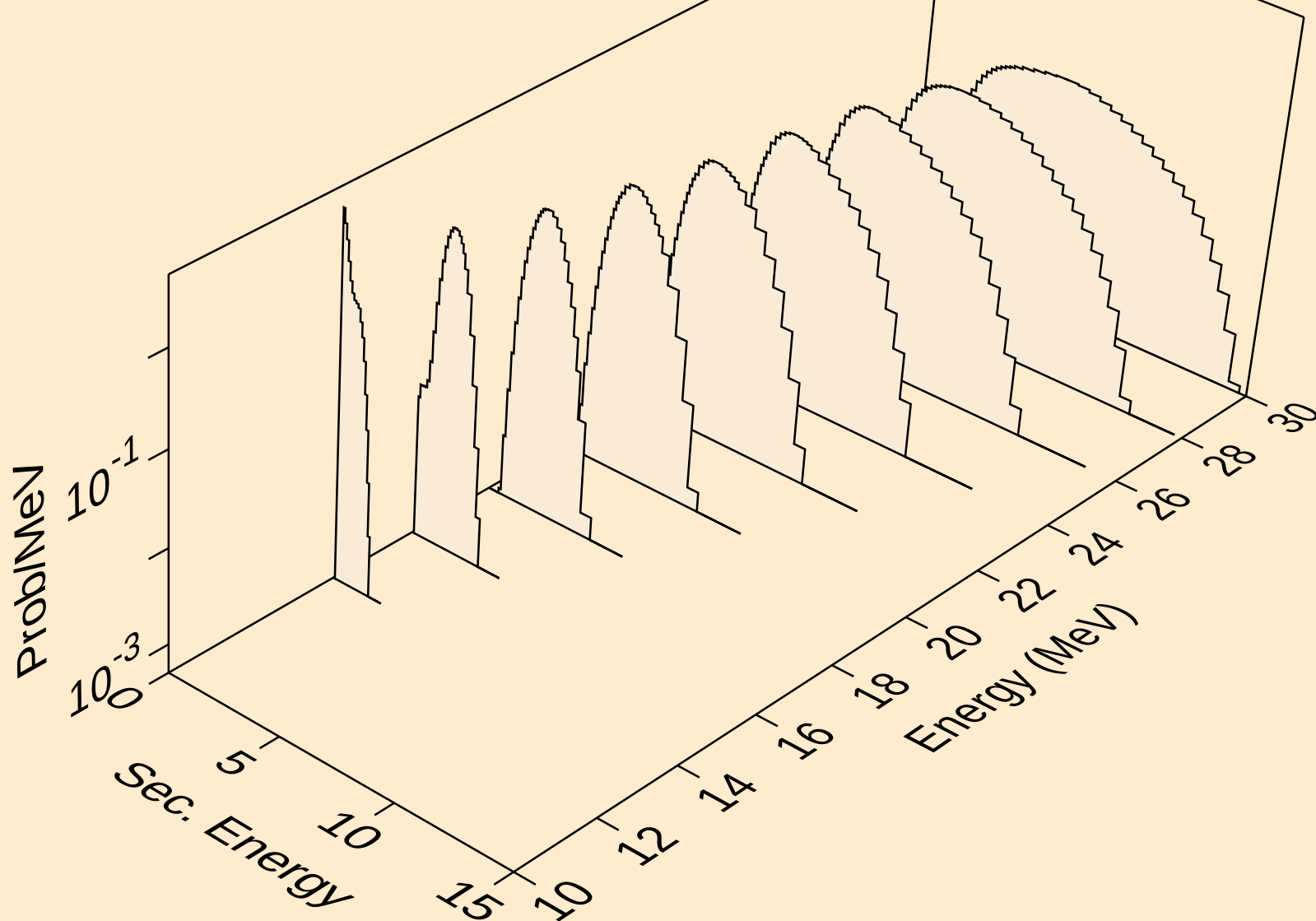
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for inelastic



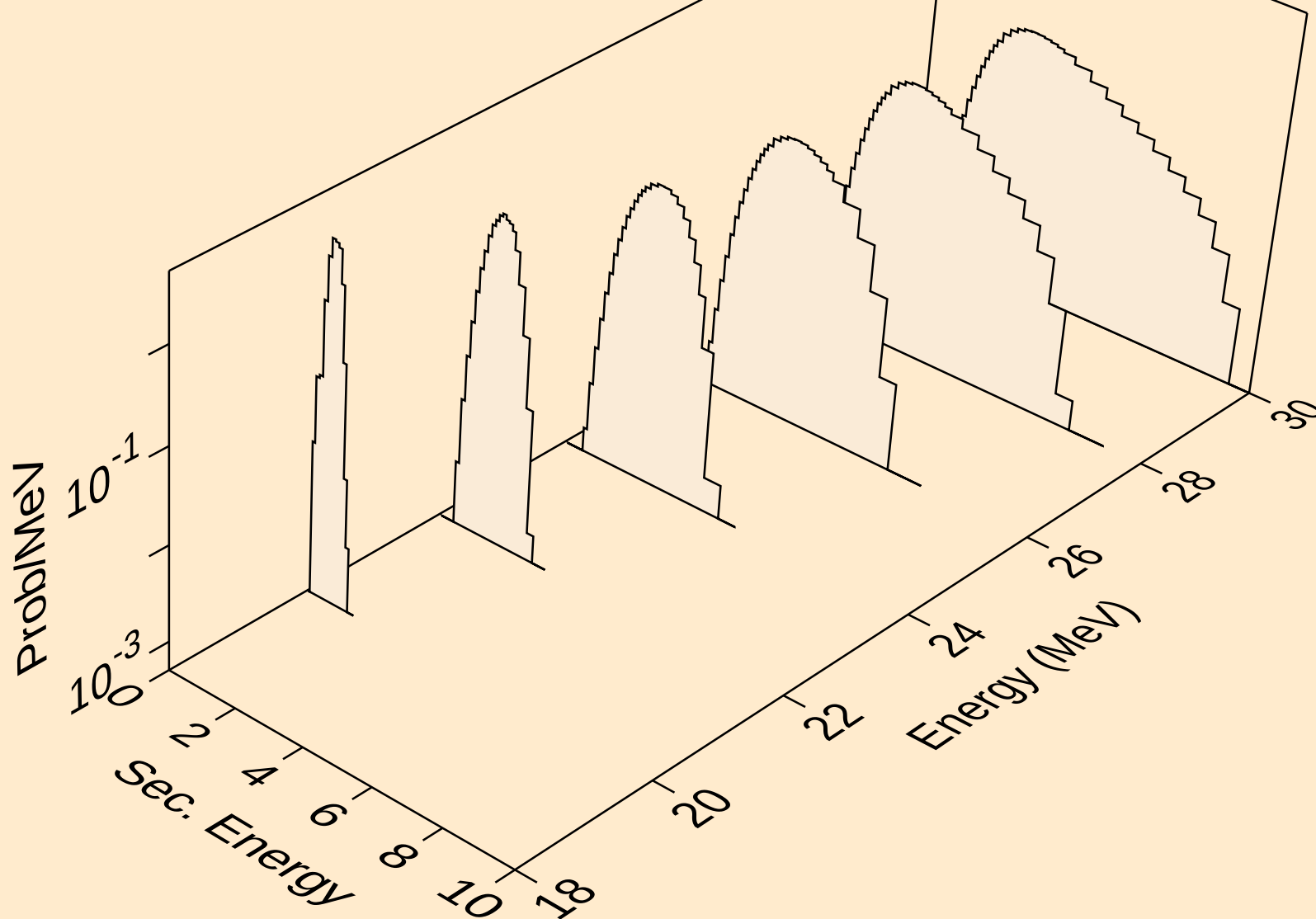
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2p)



SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pa)

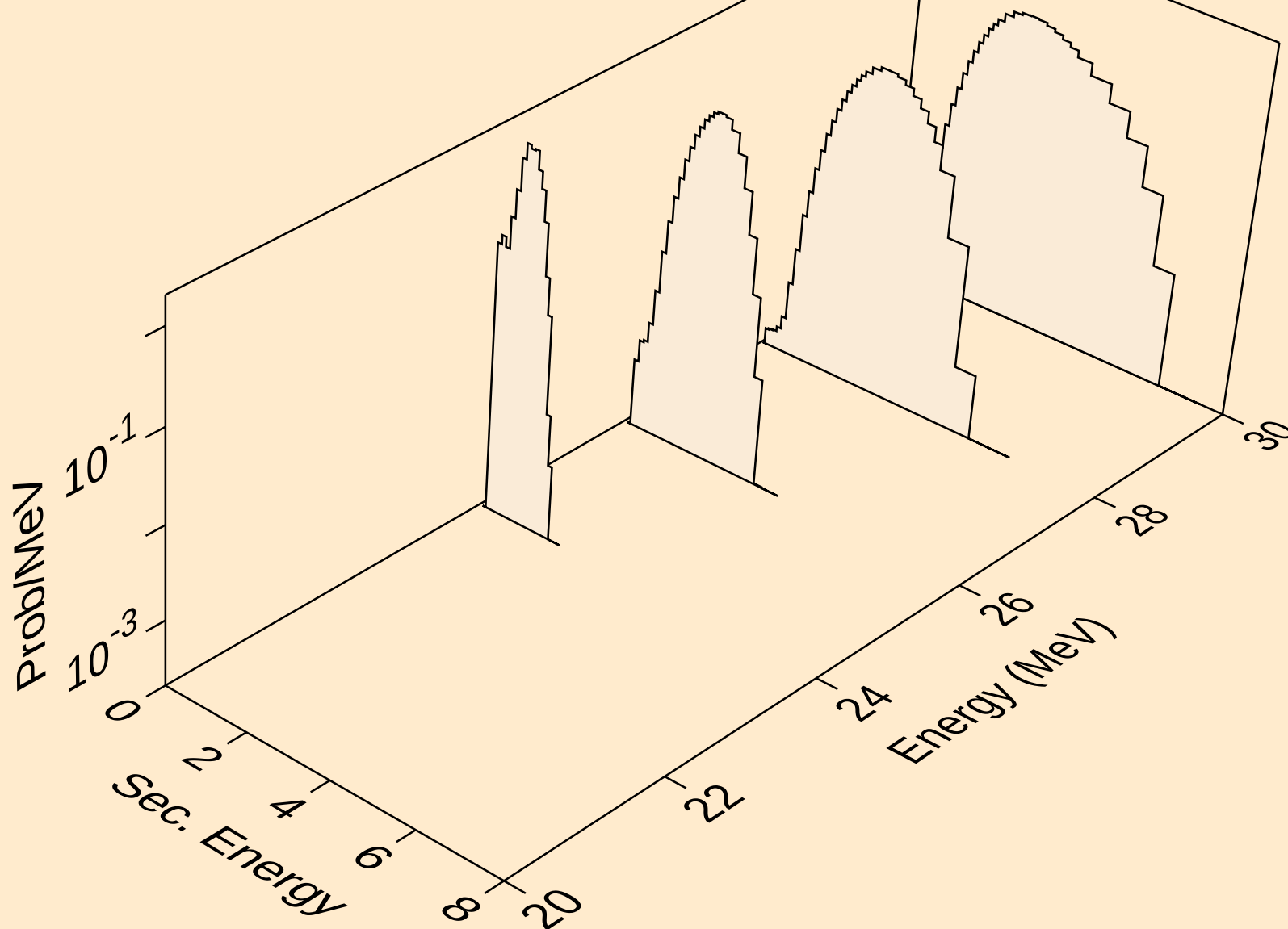


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pd)

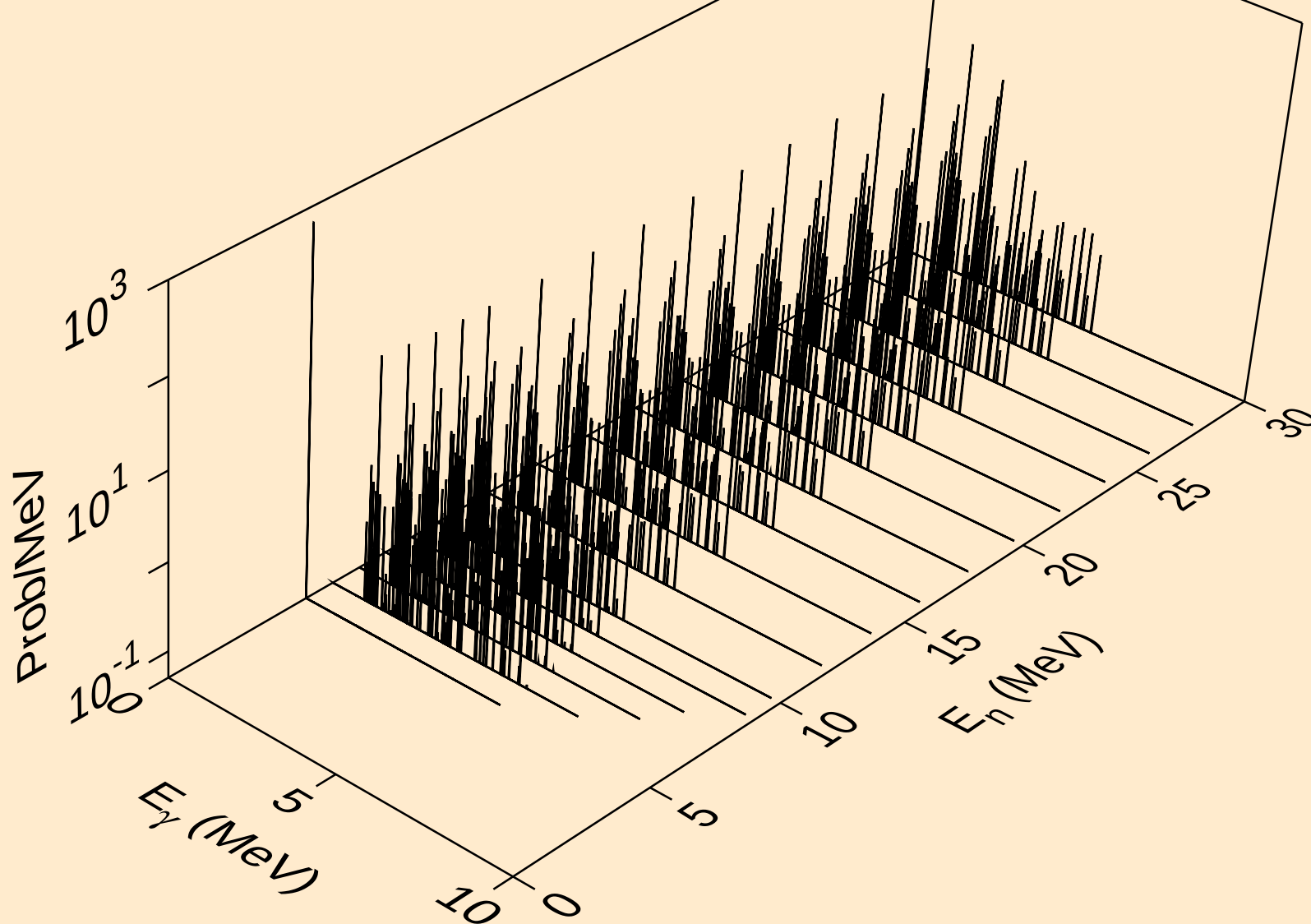


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Proton emission for (p,pt)

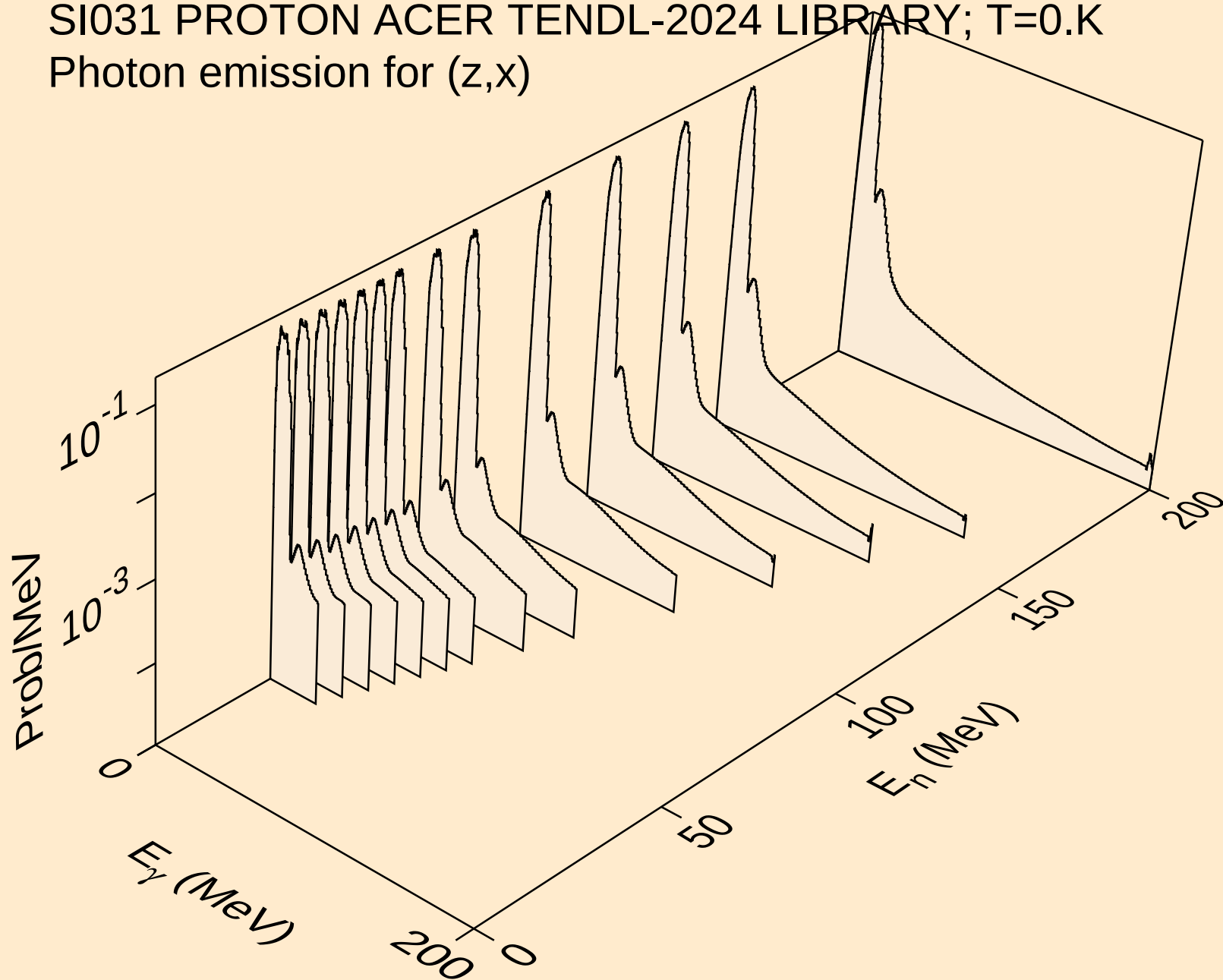


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

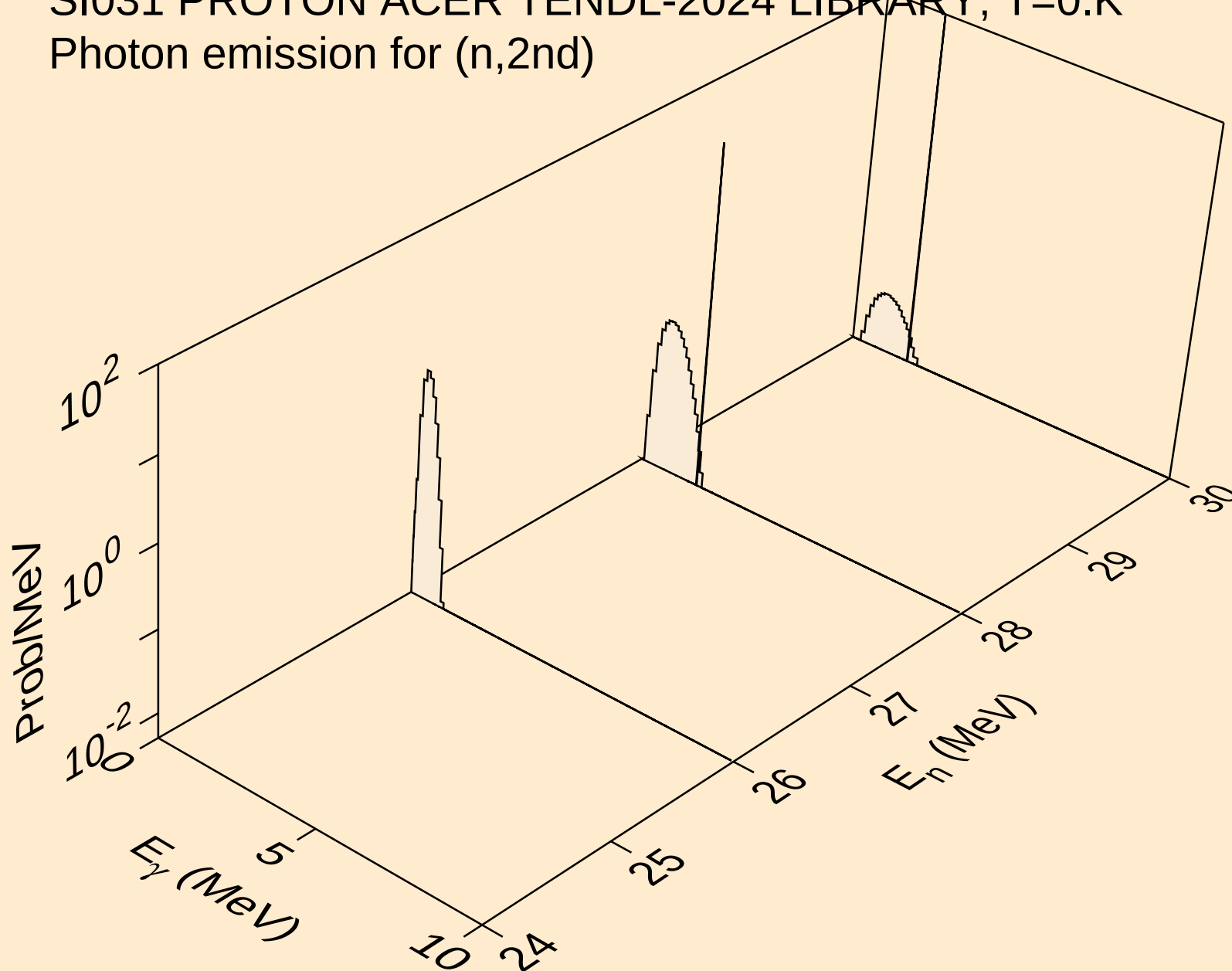


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K

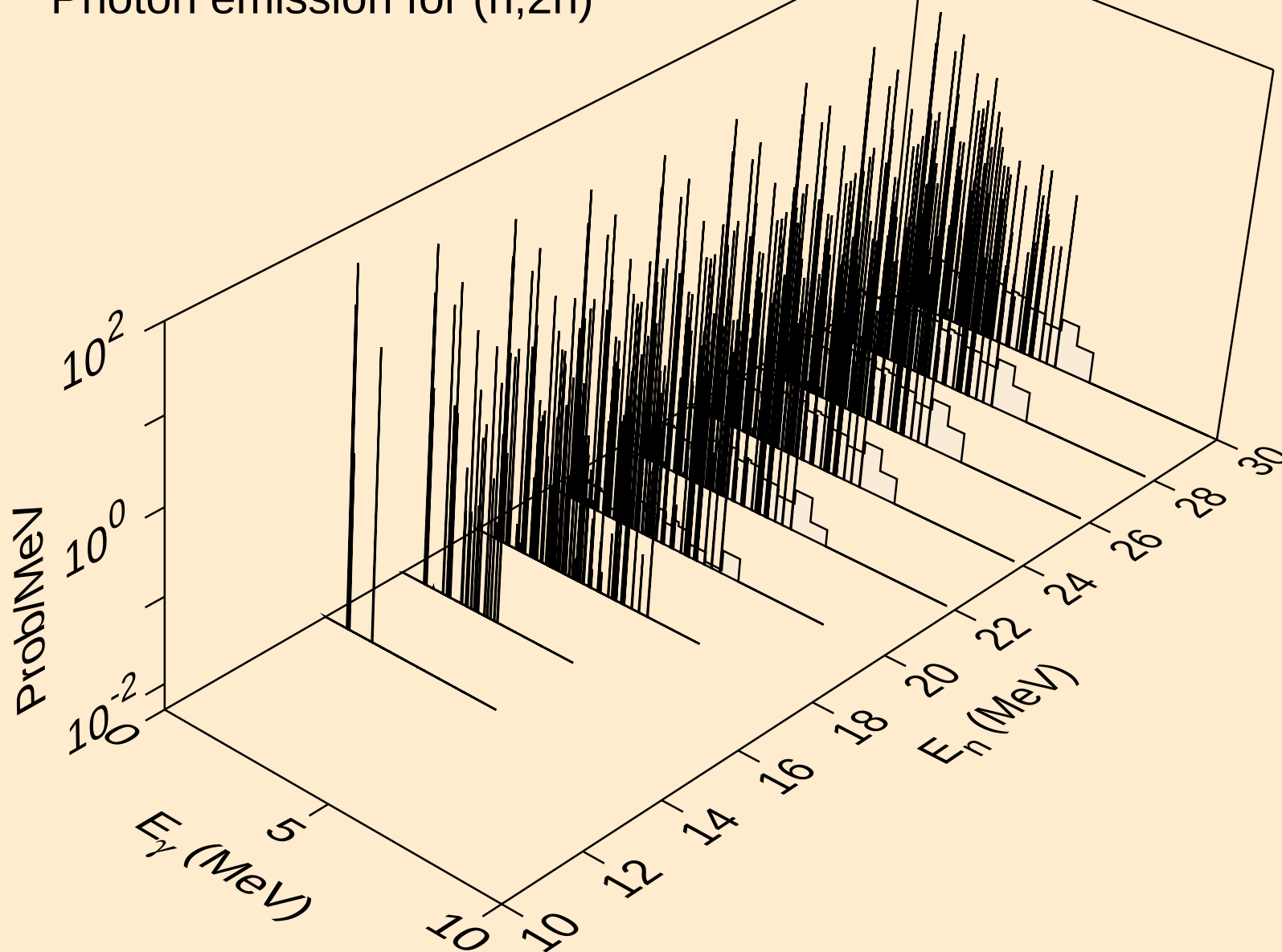
Photon emission for (z,x)



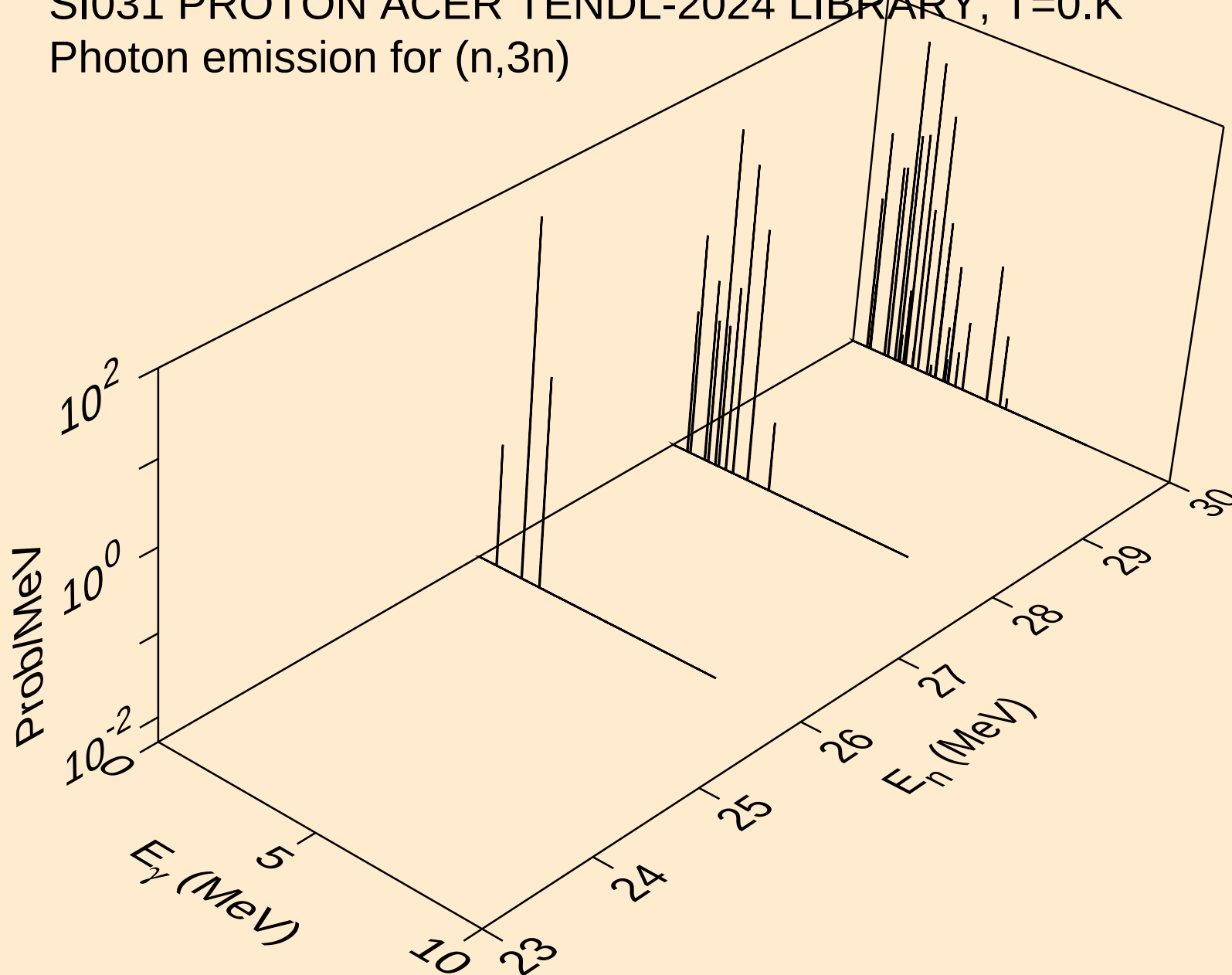
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



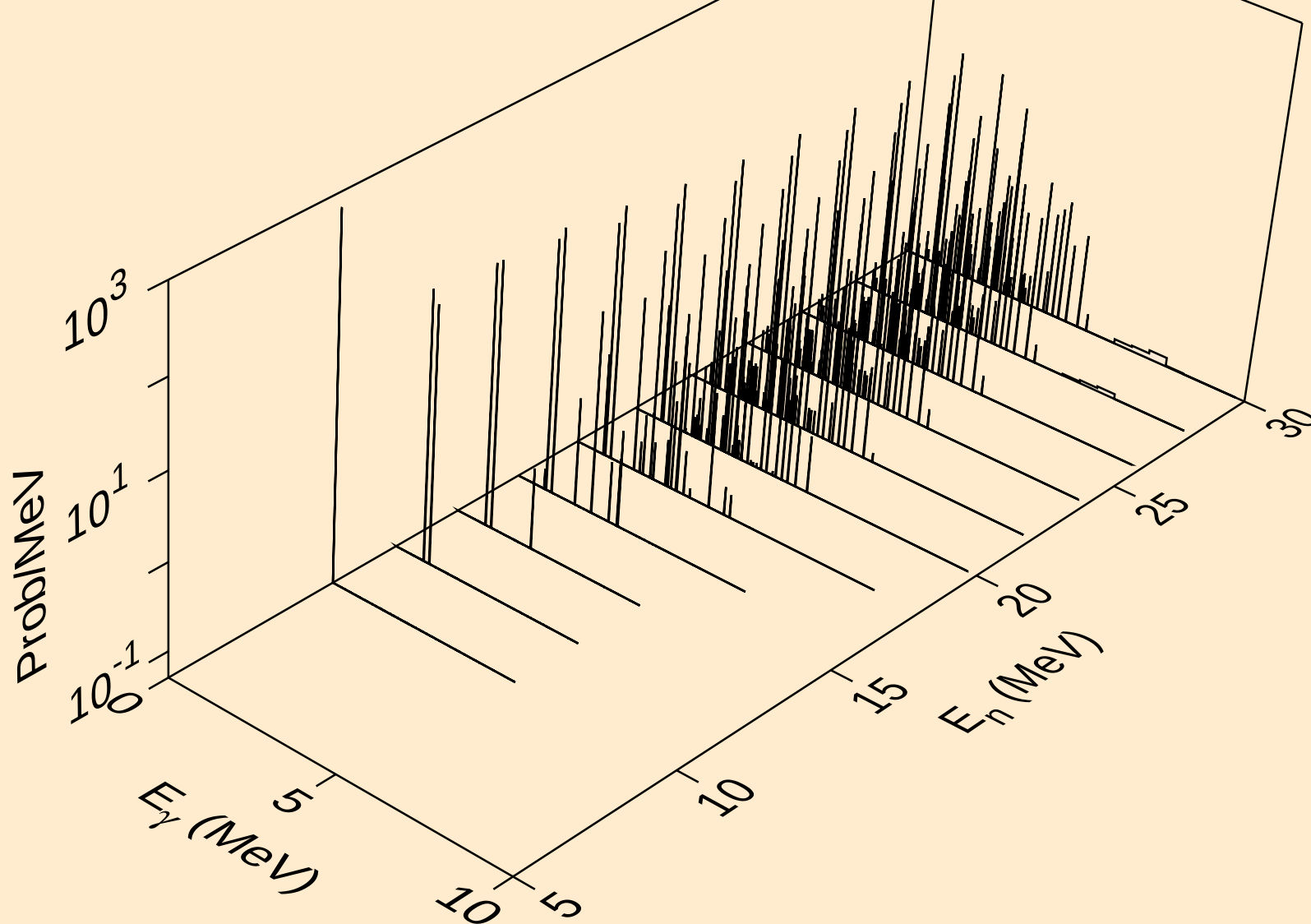
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)

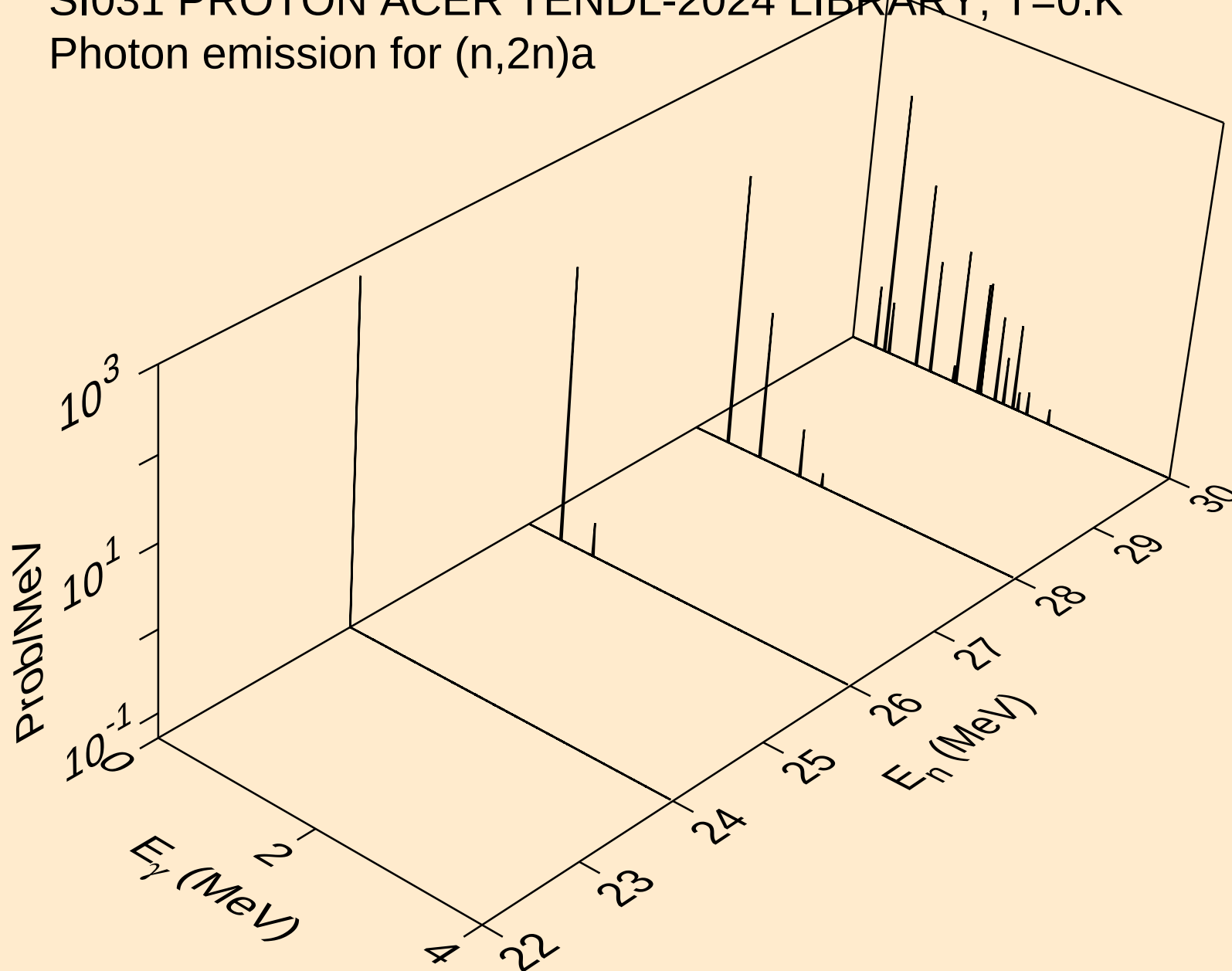


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



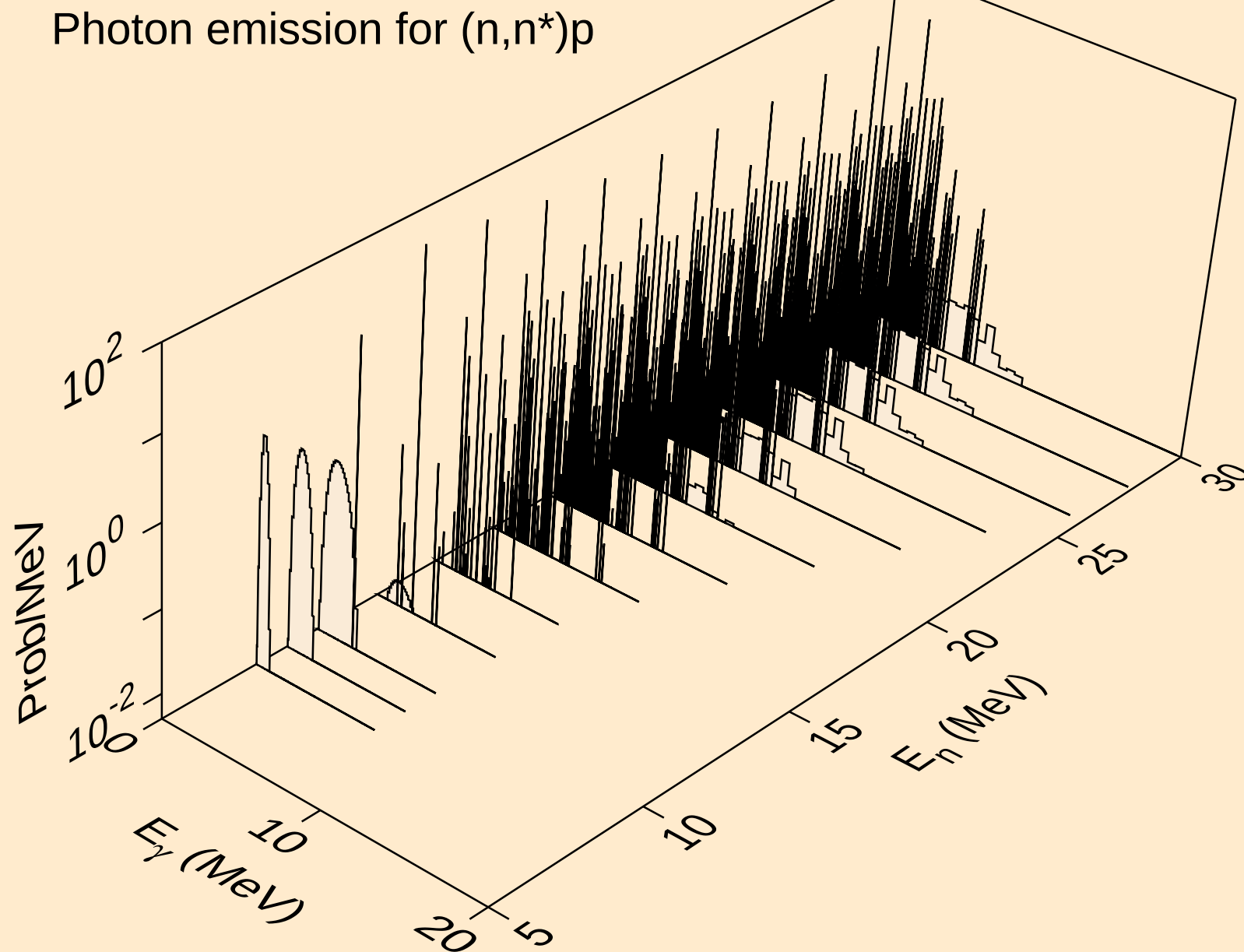
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



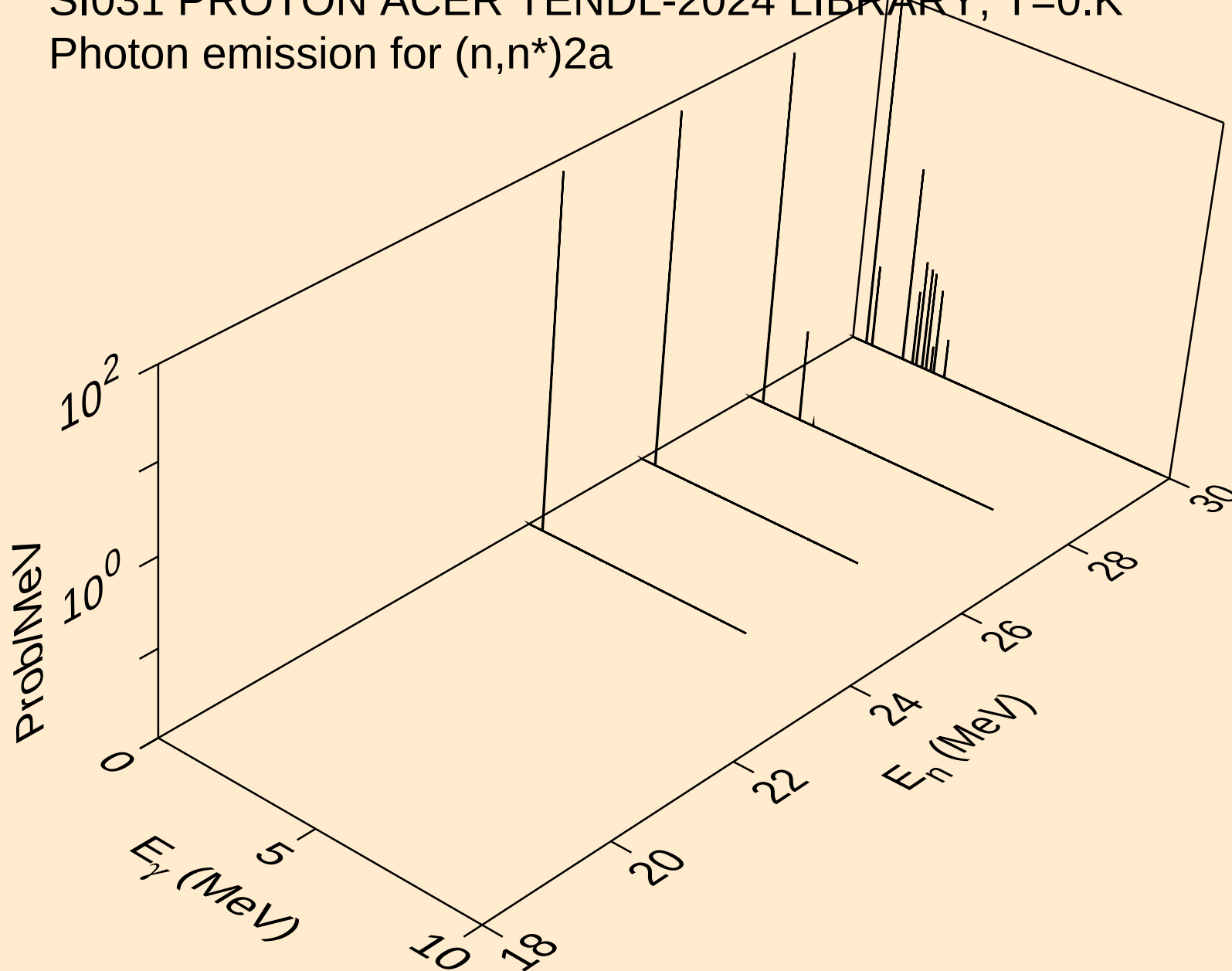
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Photon emission for (n,n*)p

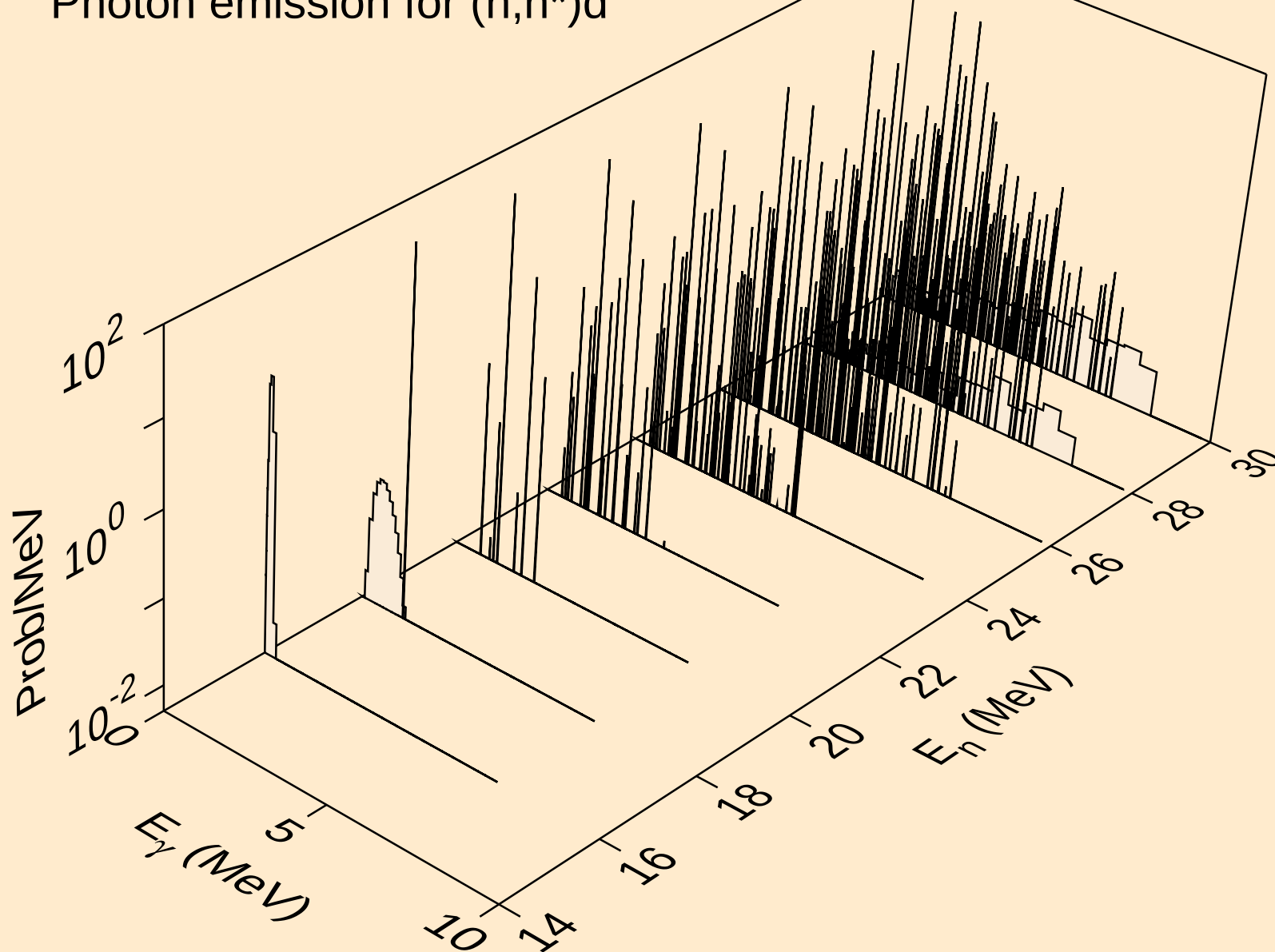


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)2a

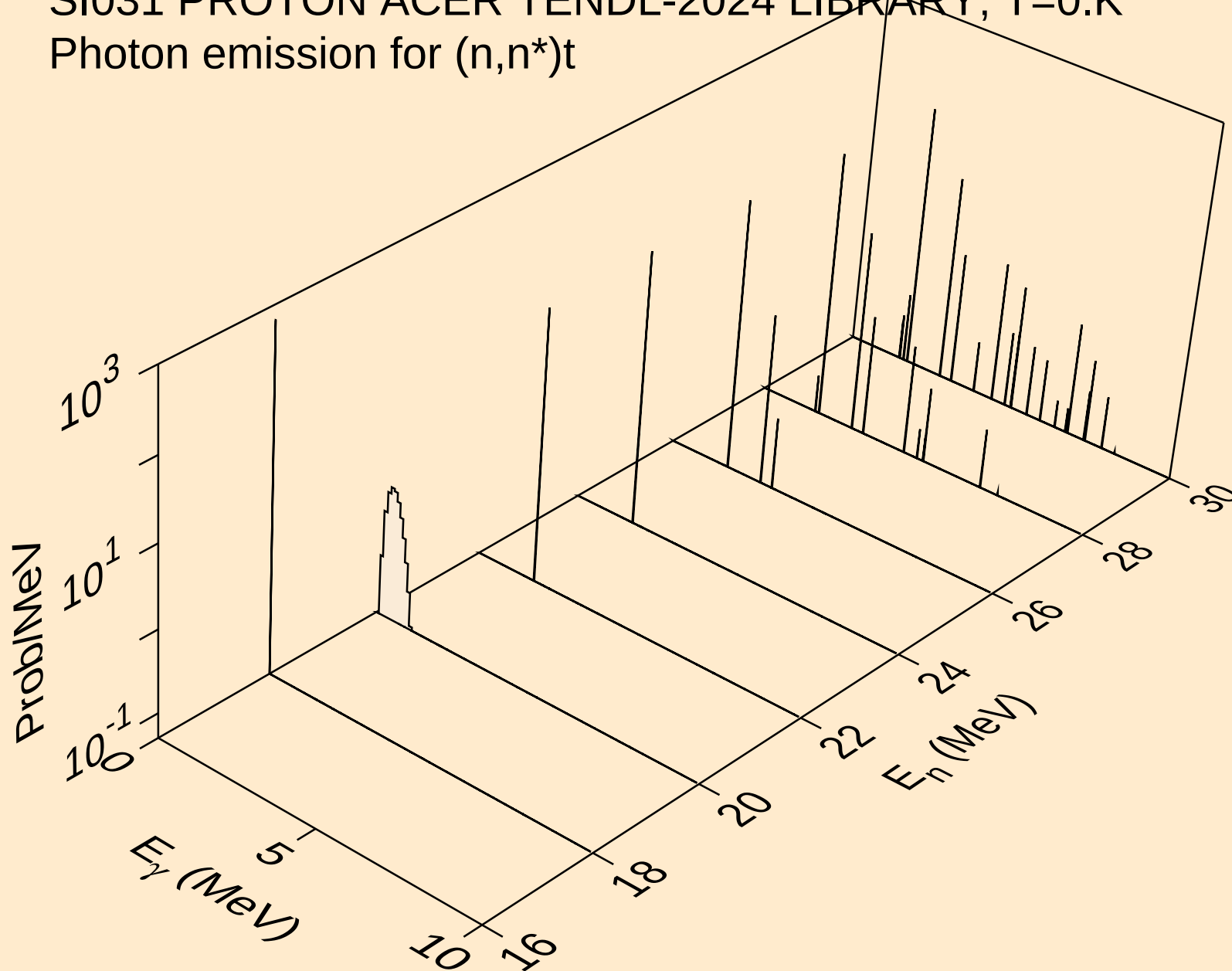


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d

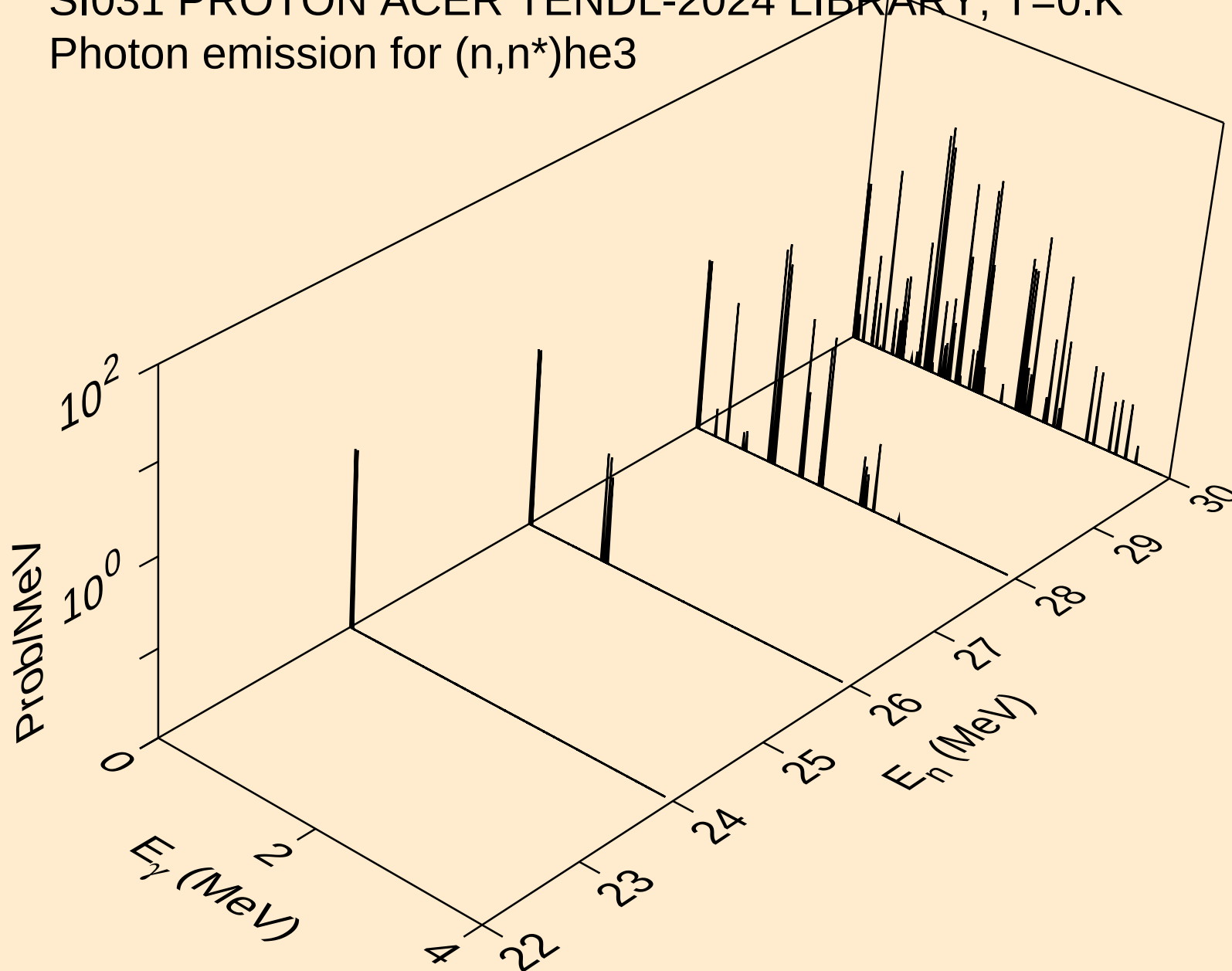


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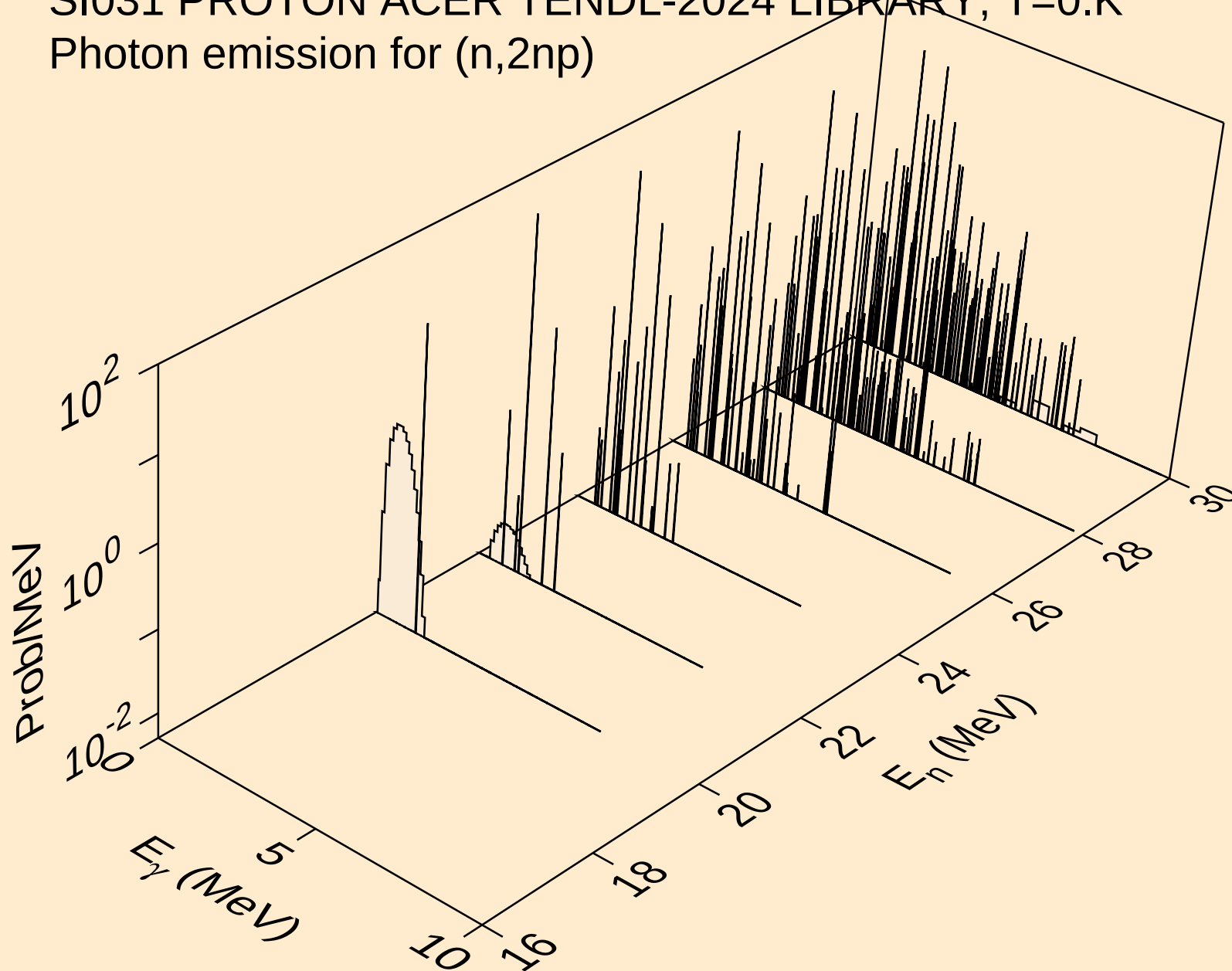
Photon emission for (n,n*)t



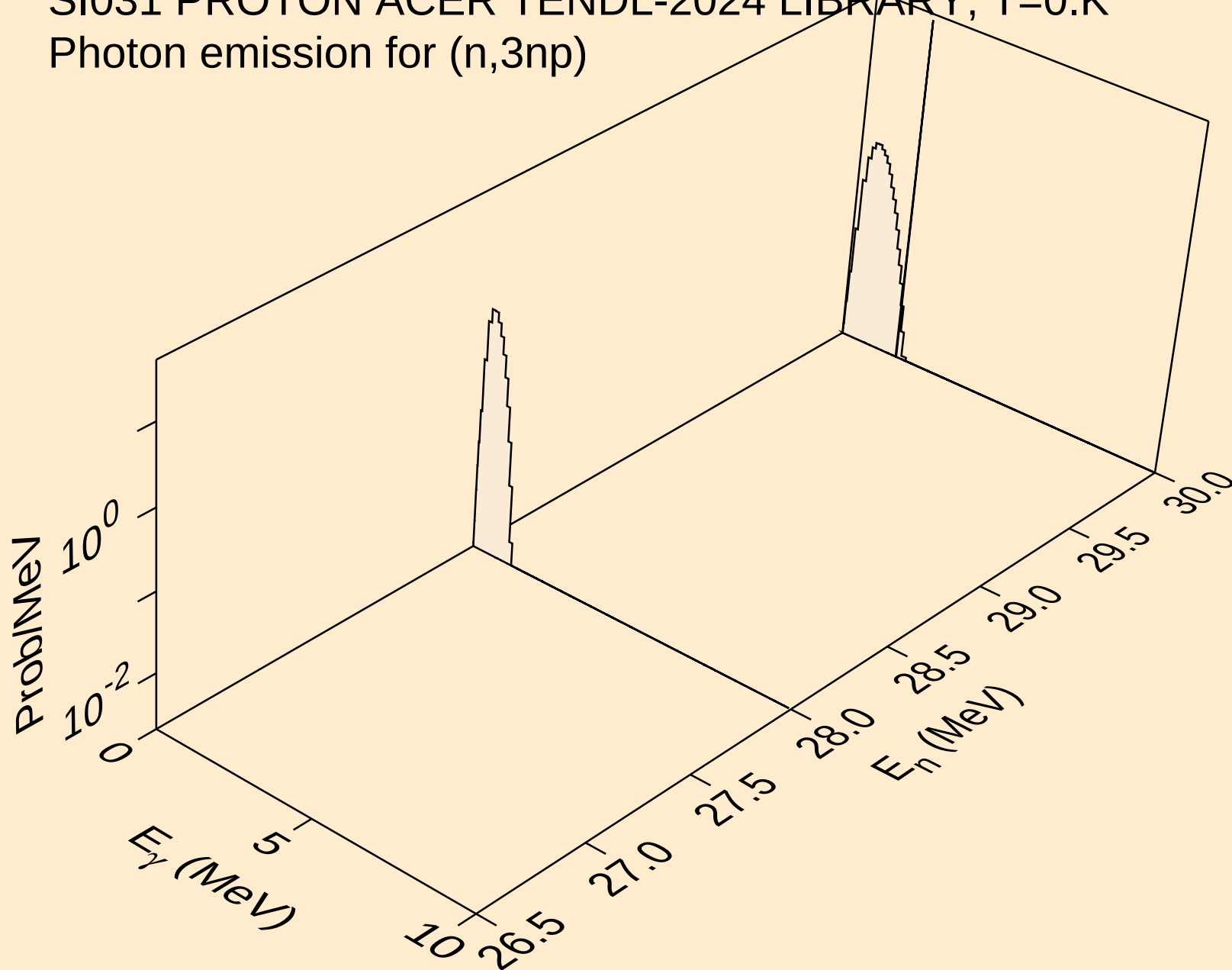
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



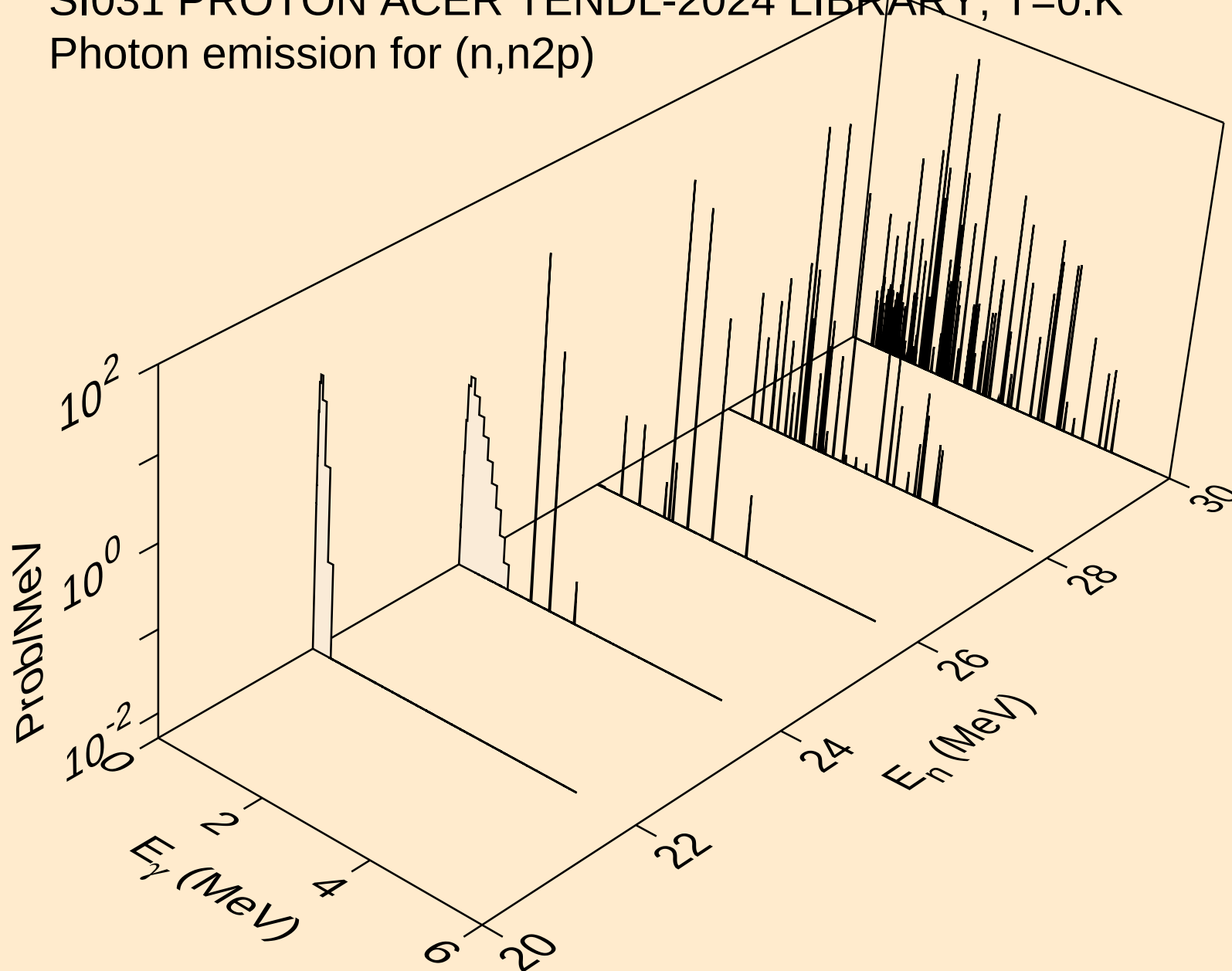
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Photon emission for (n,2np)



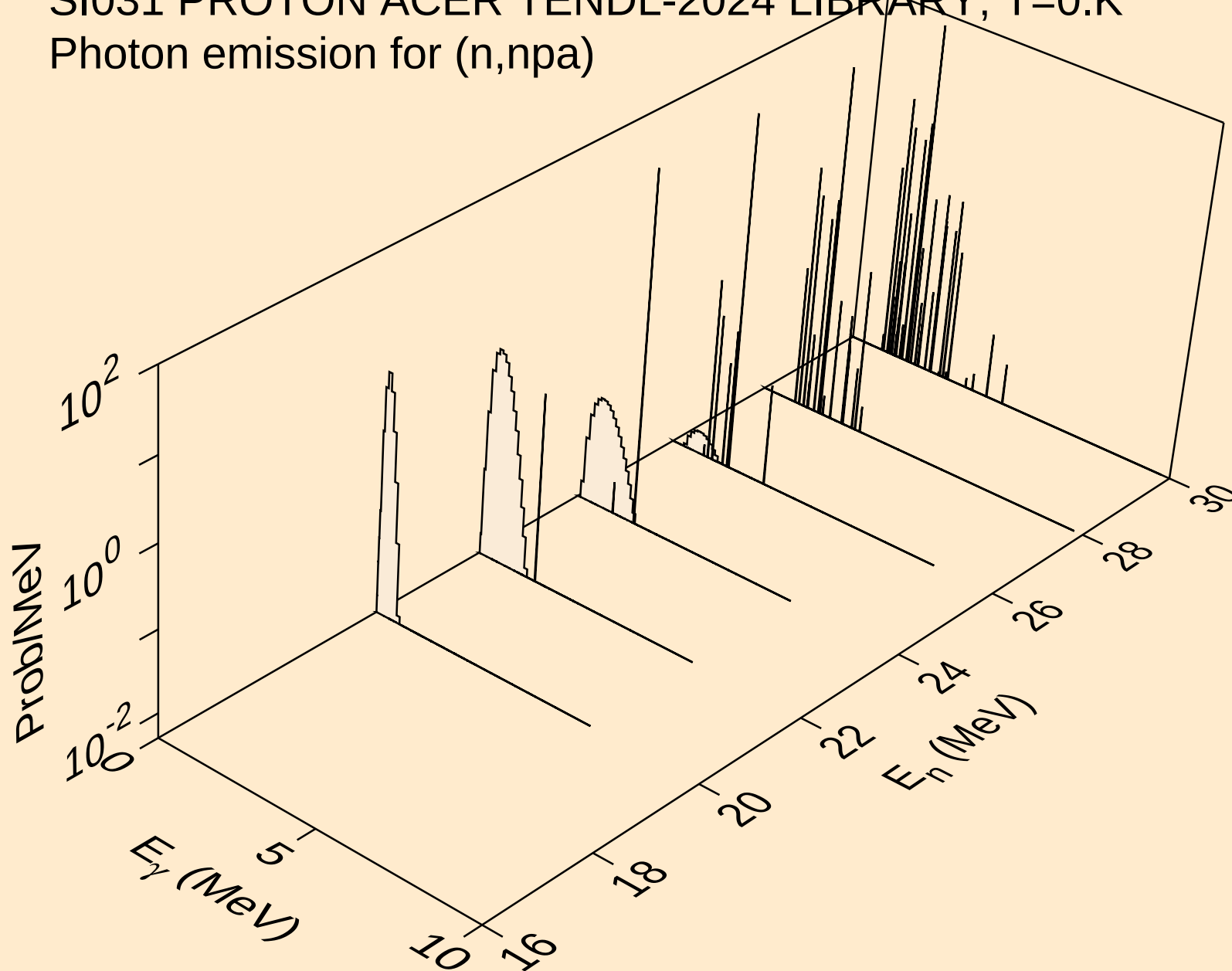
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Photon emission for (n,3np)



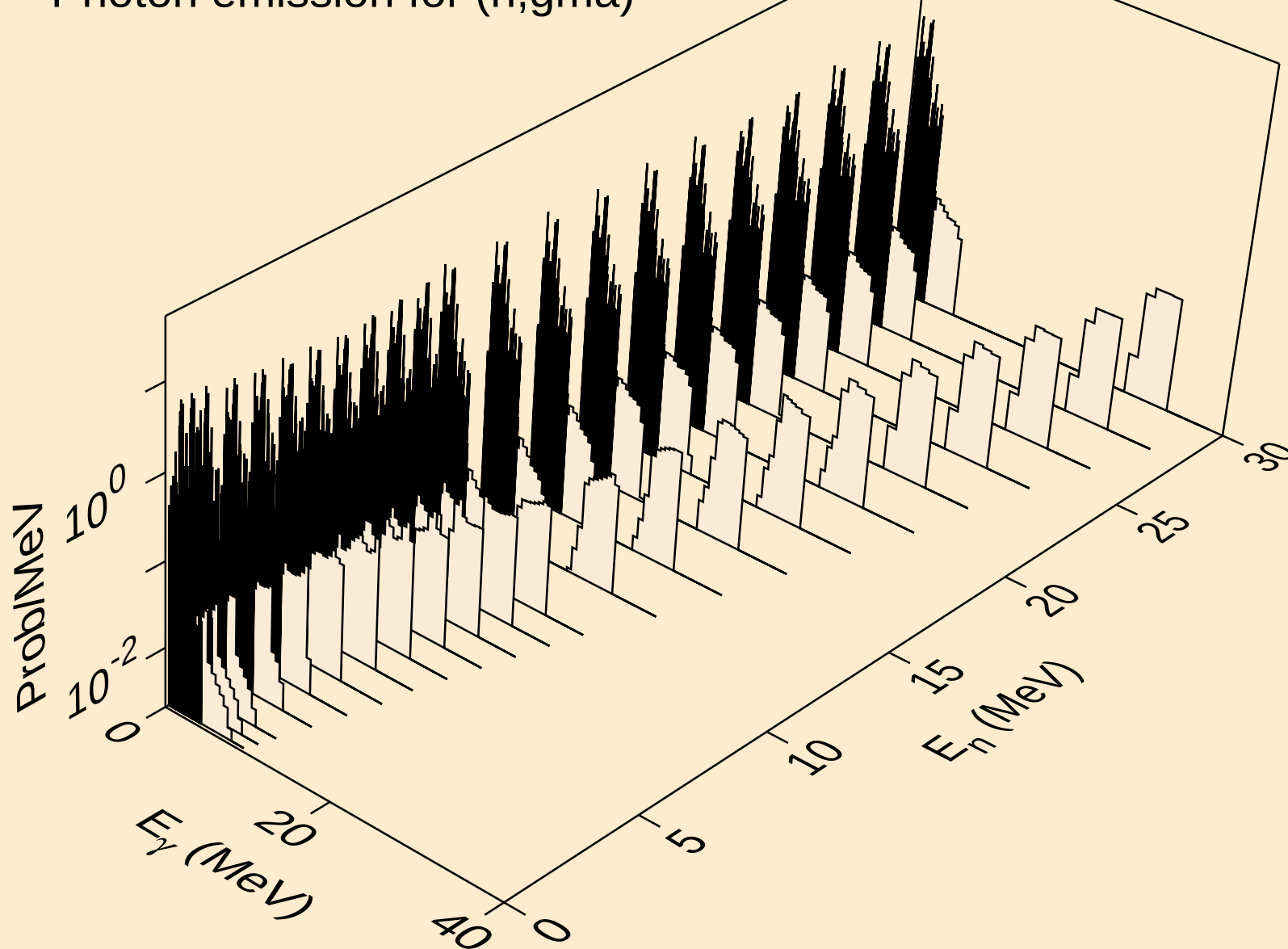
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



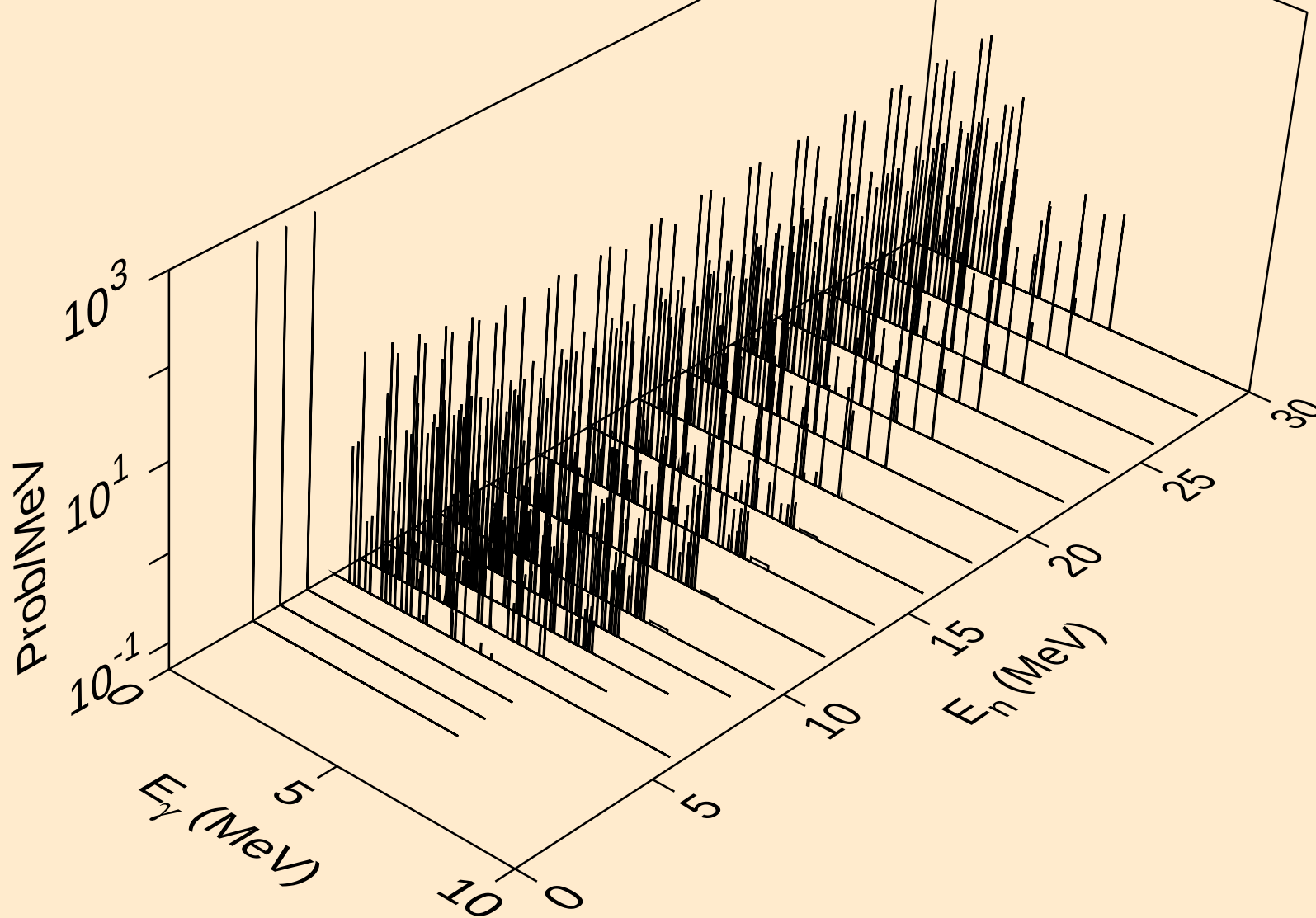
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Photon emission for (n,npa)



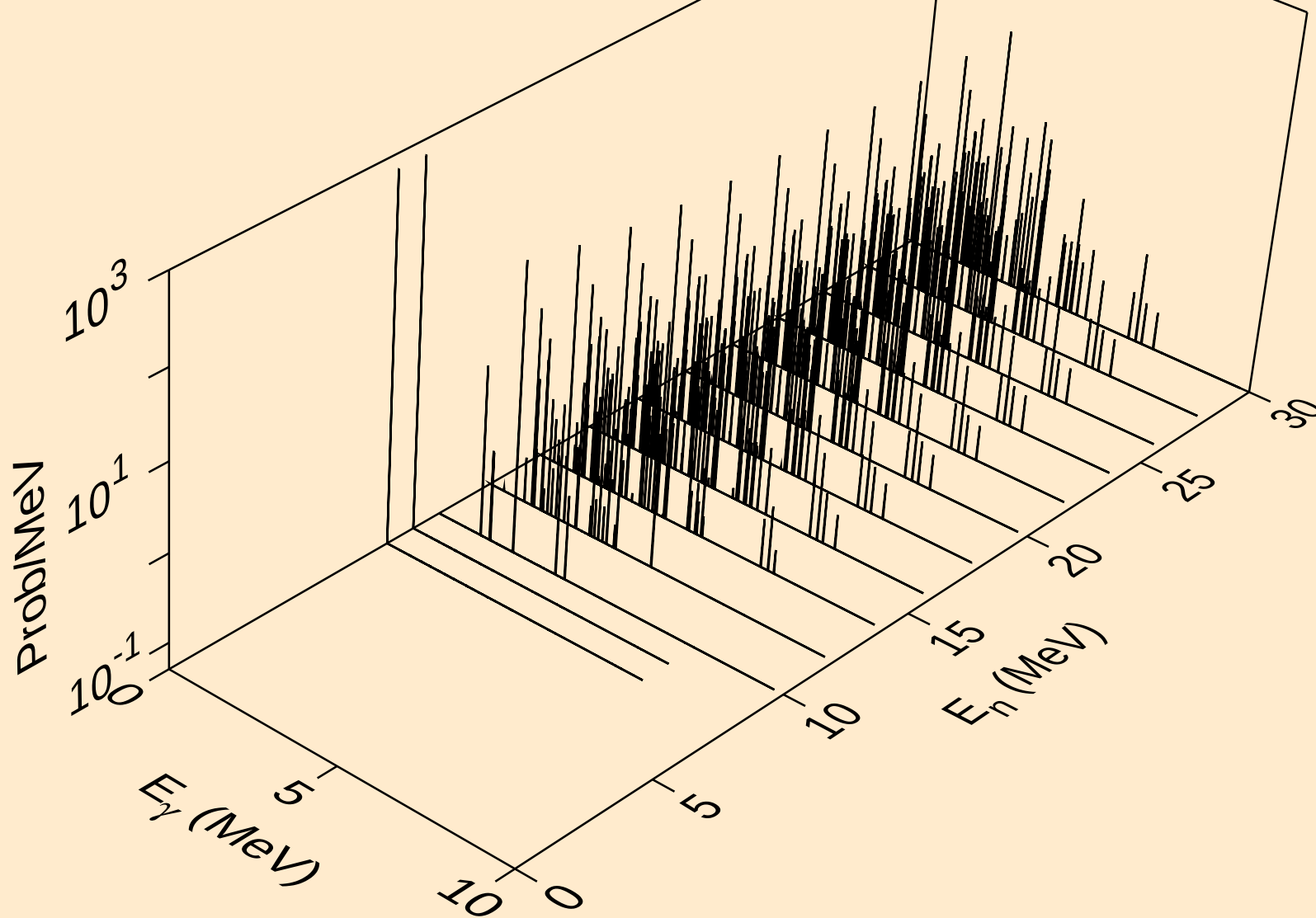
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic

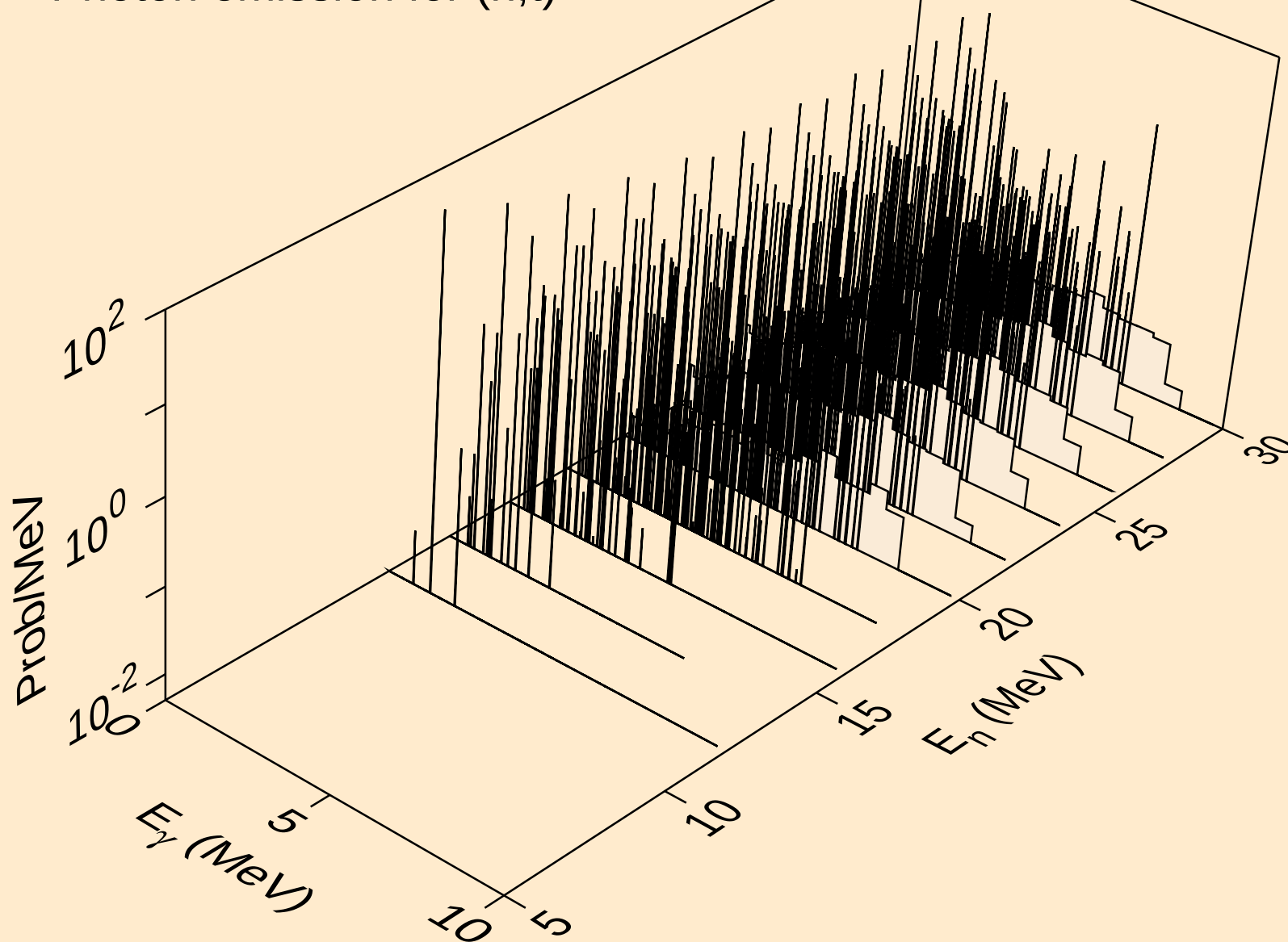


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)

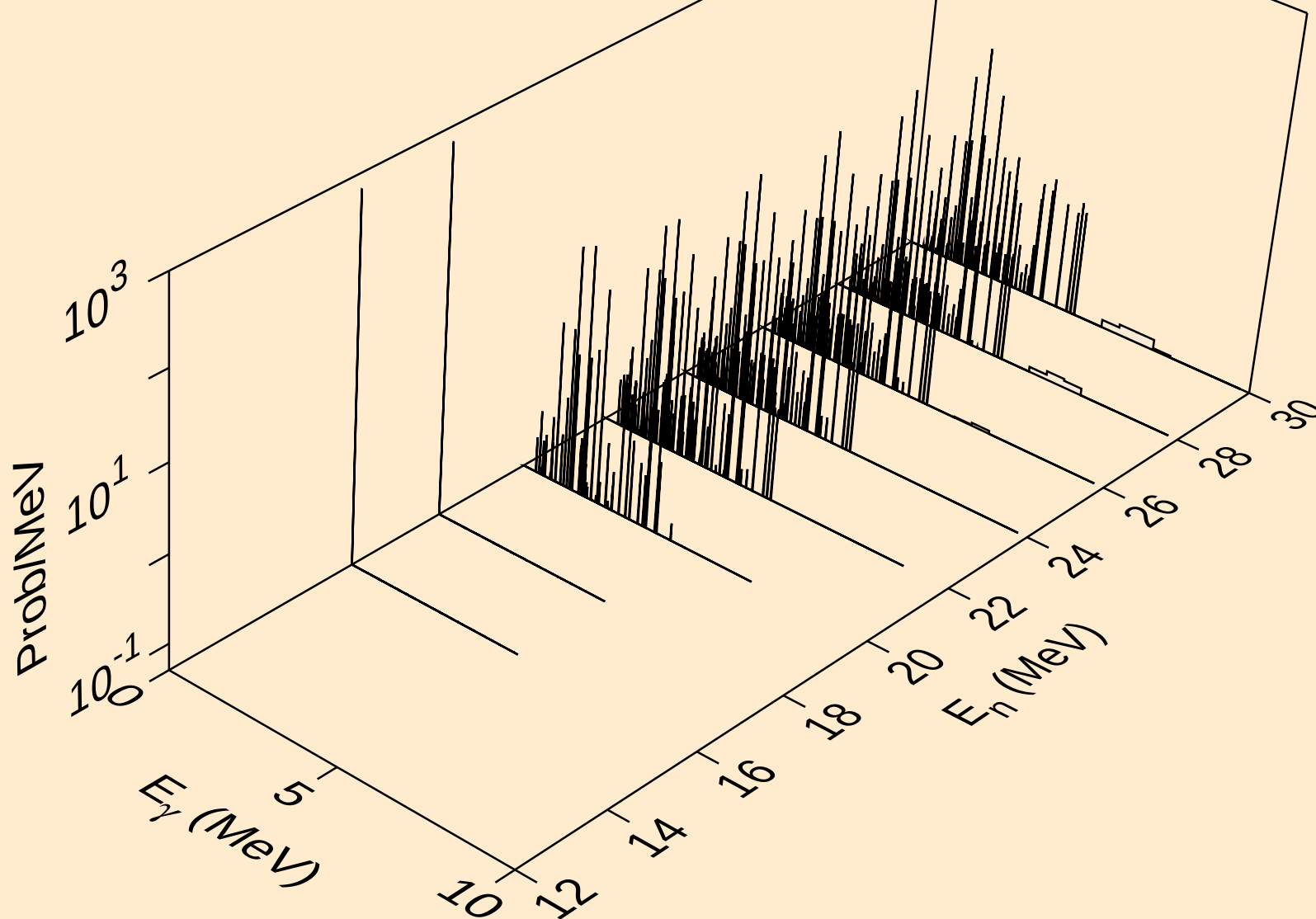


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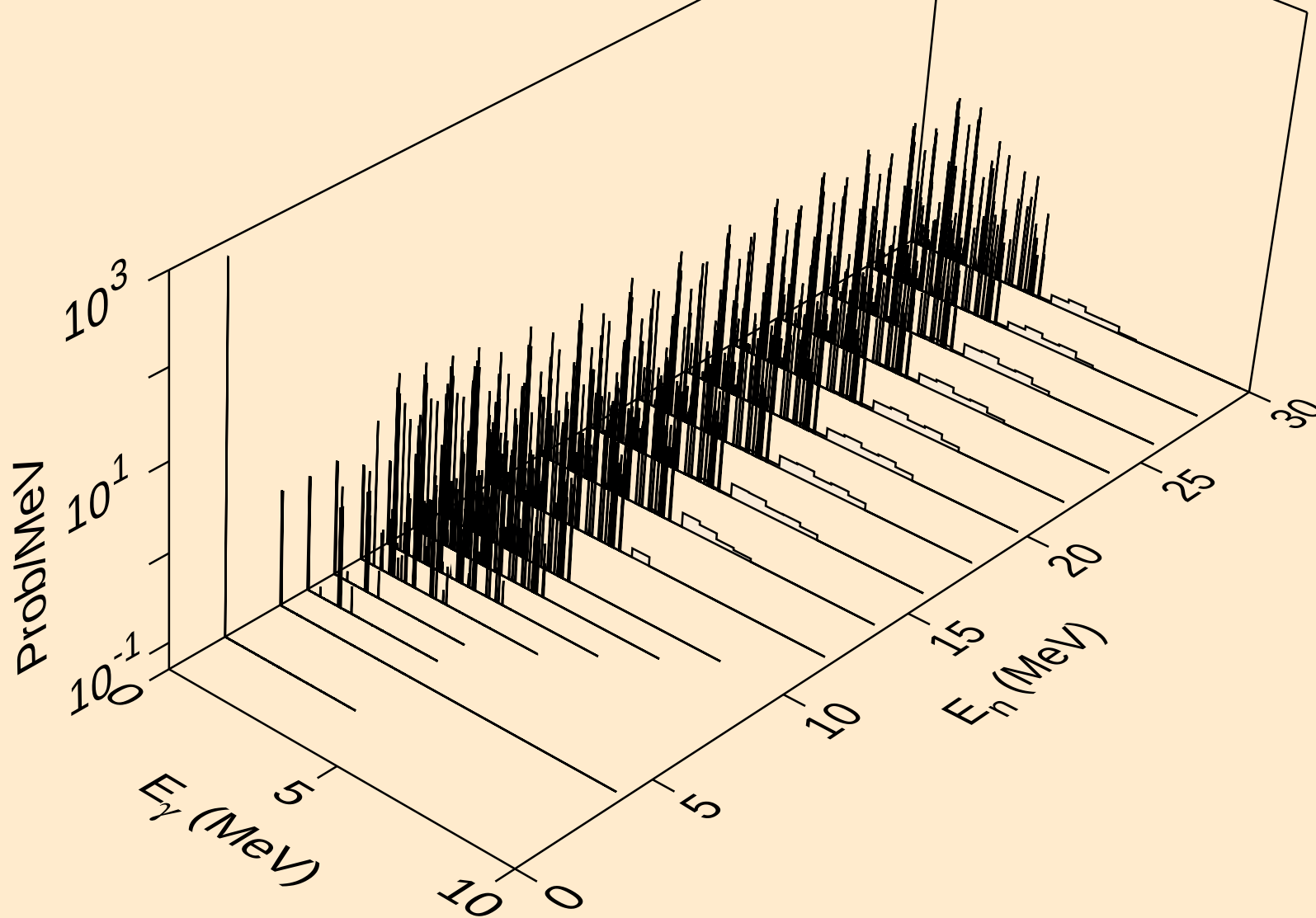
Photon emission for (n,t)



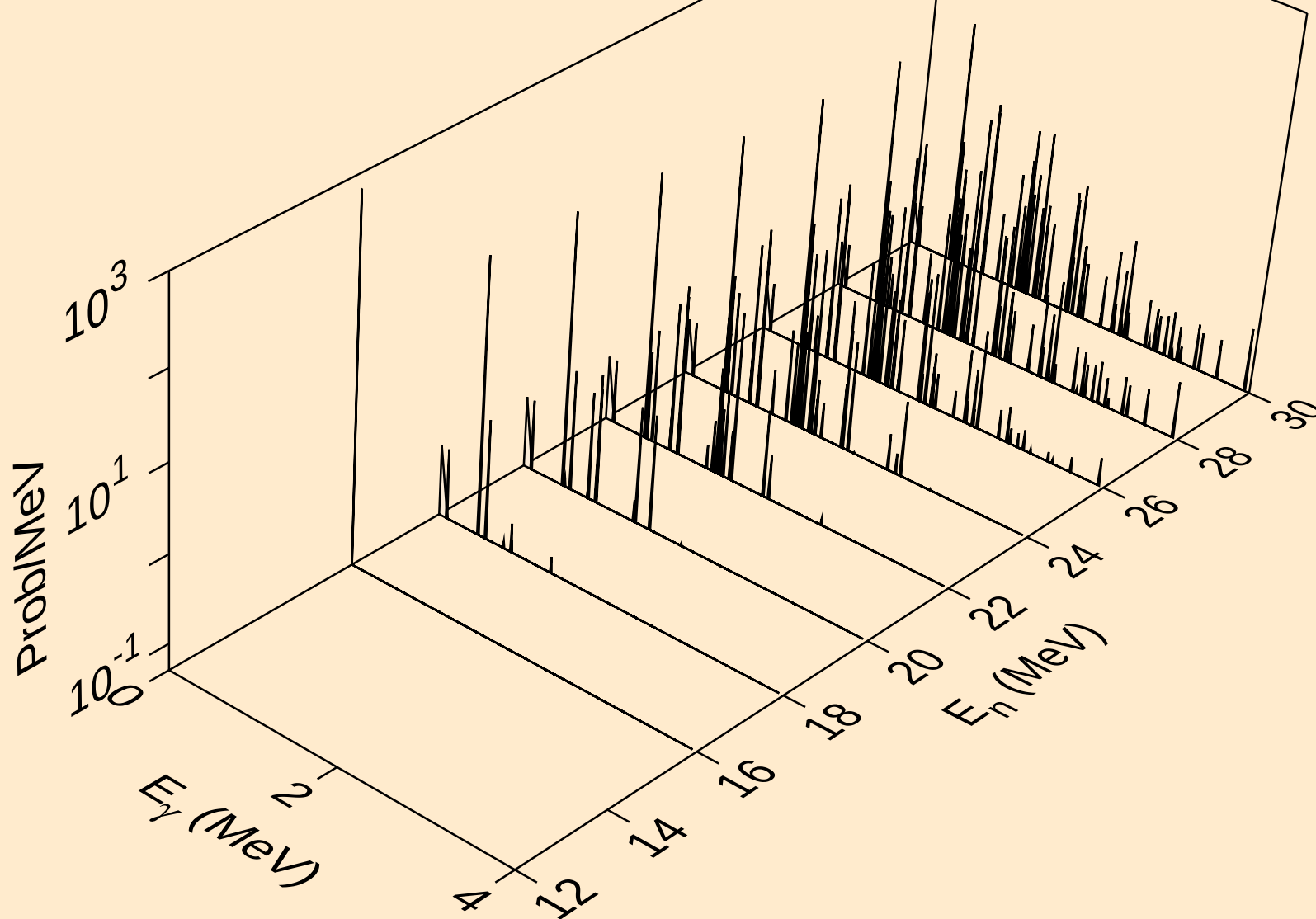
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



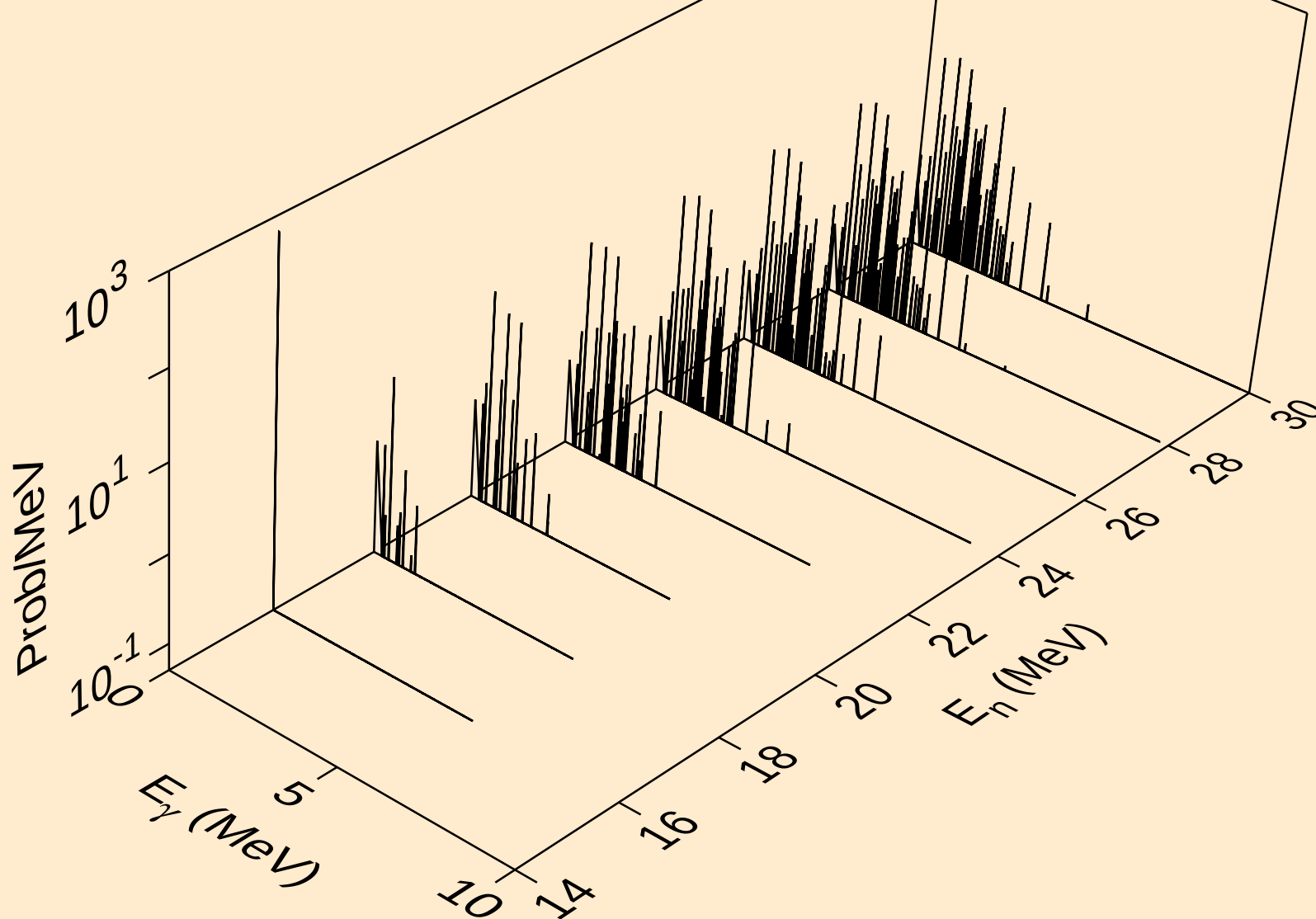
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



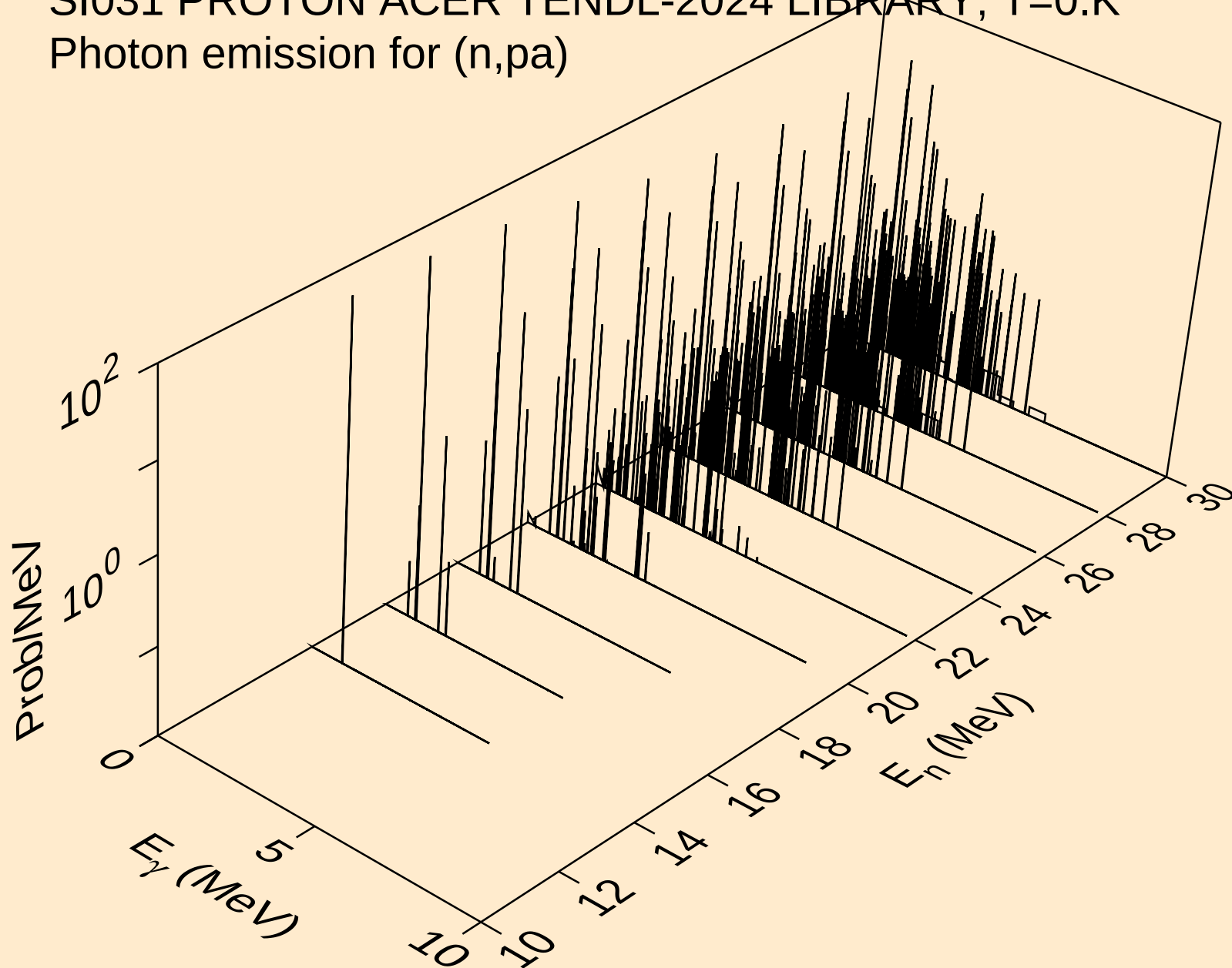
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Photon emission for (n,2a)



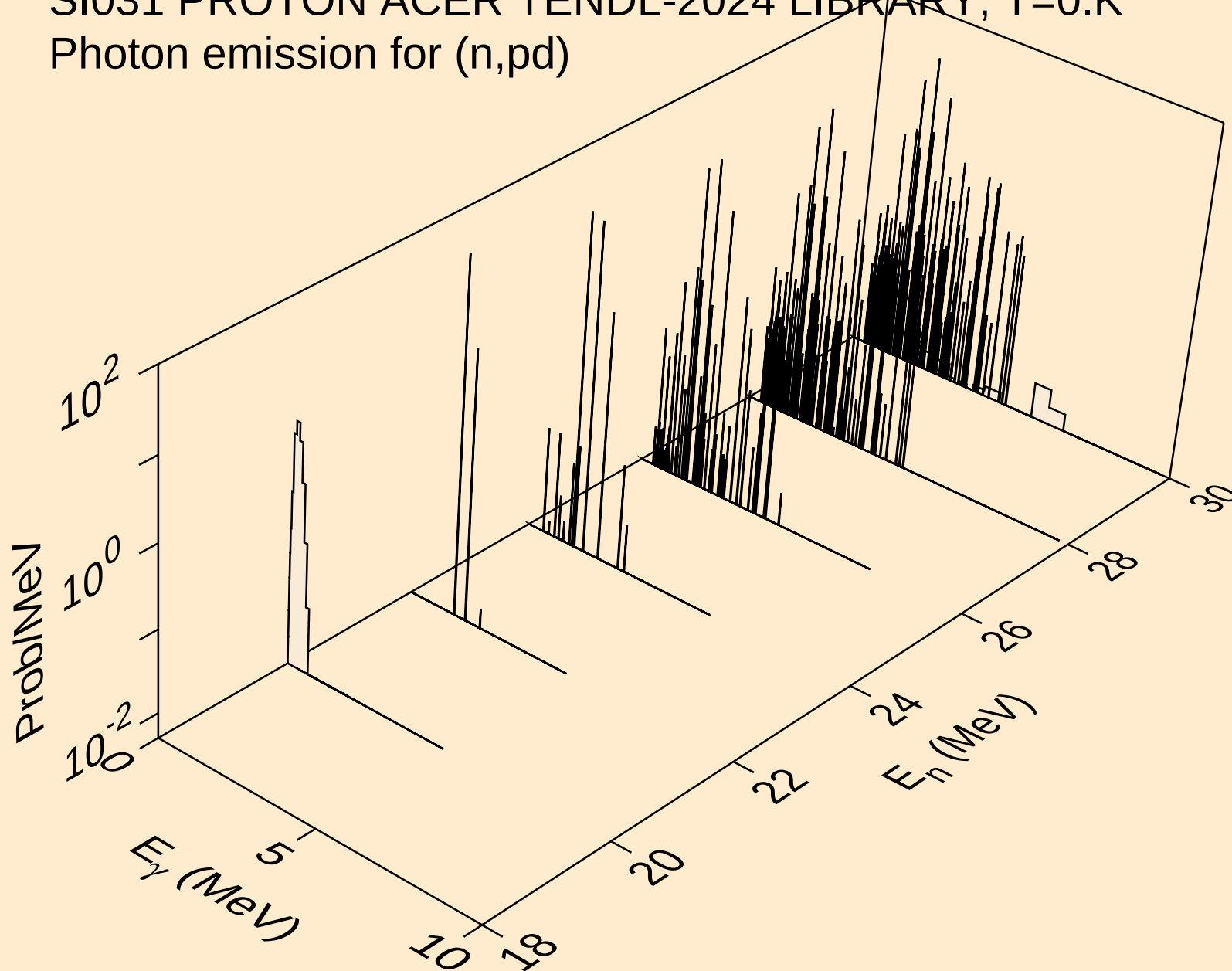
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)

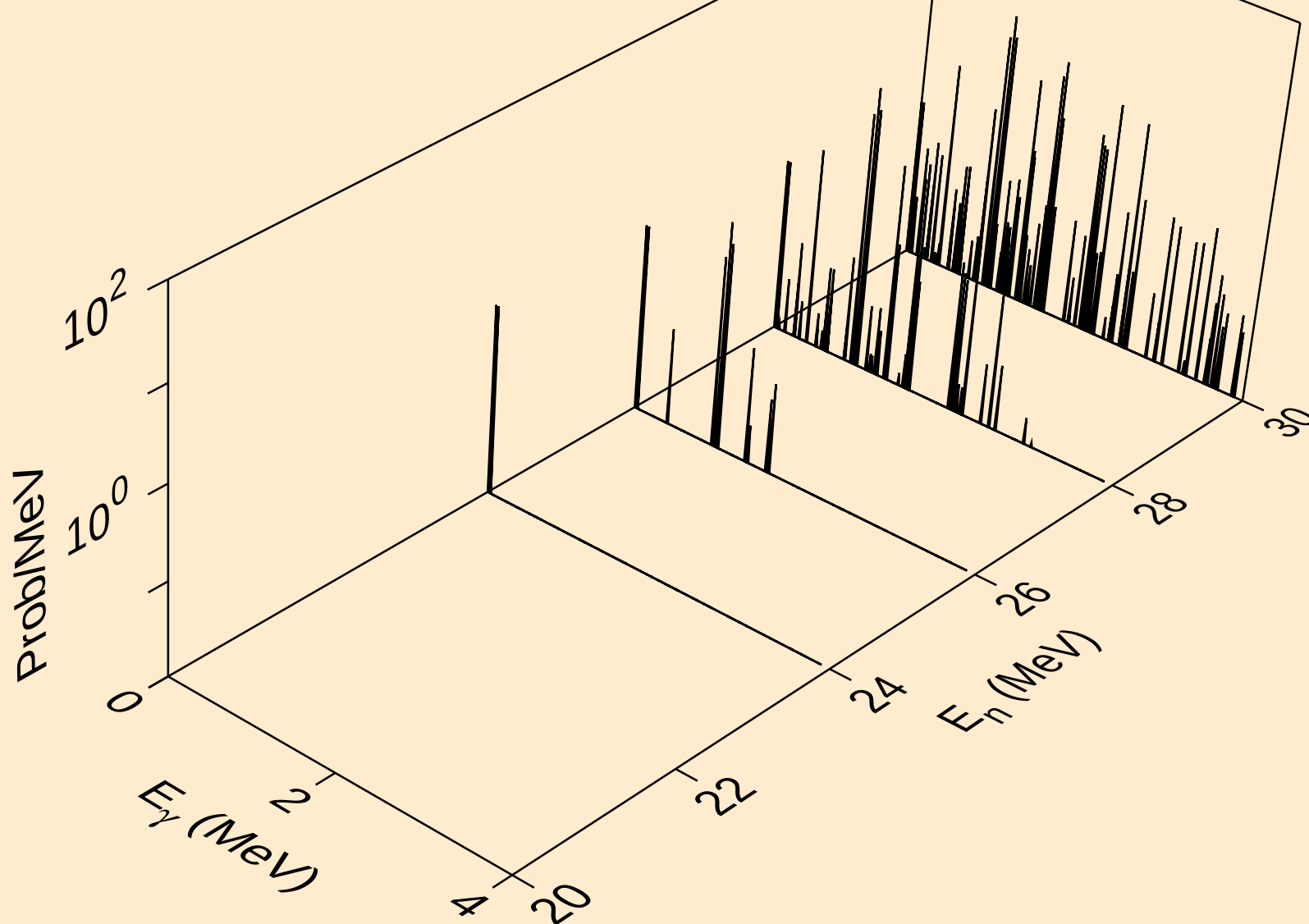


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)

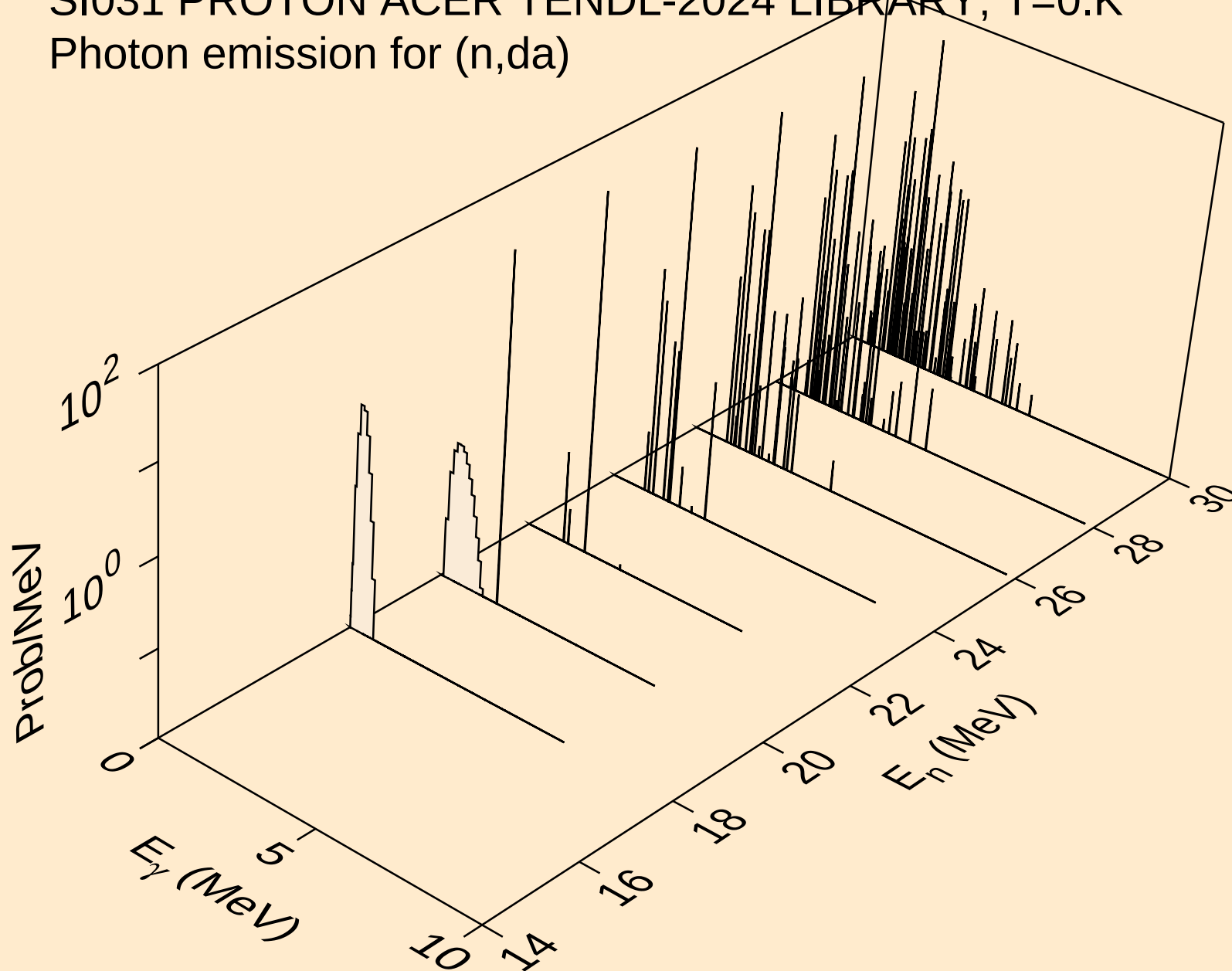


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K

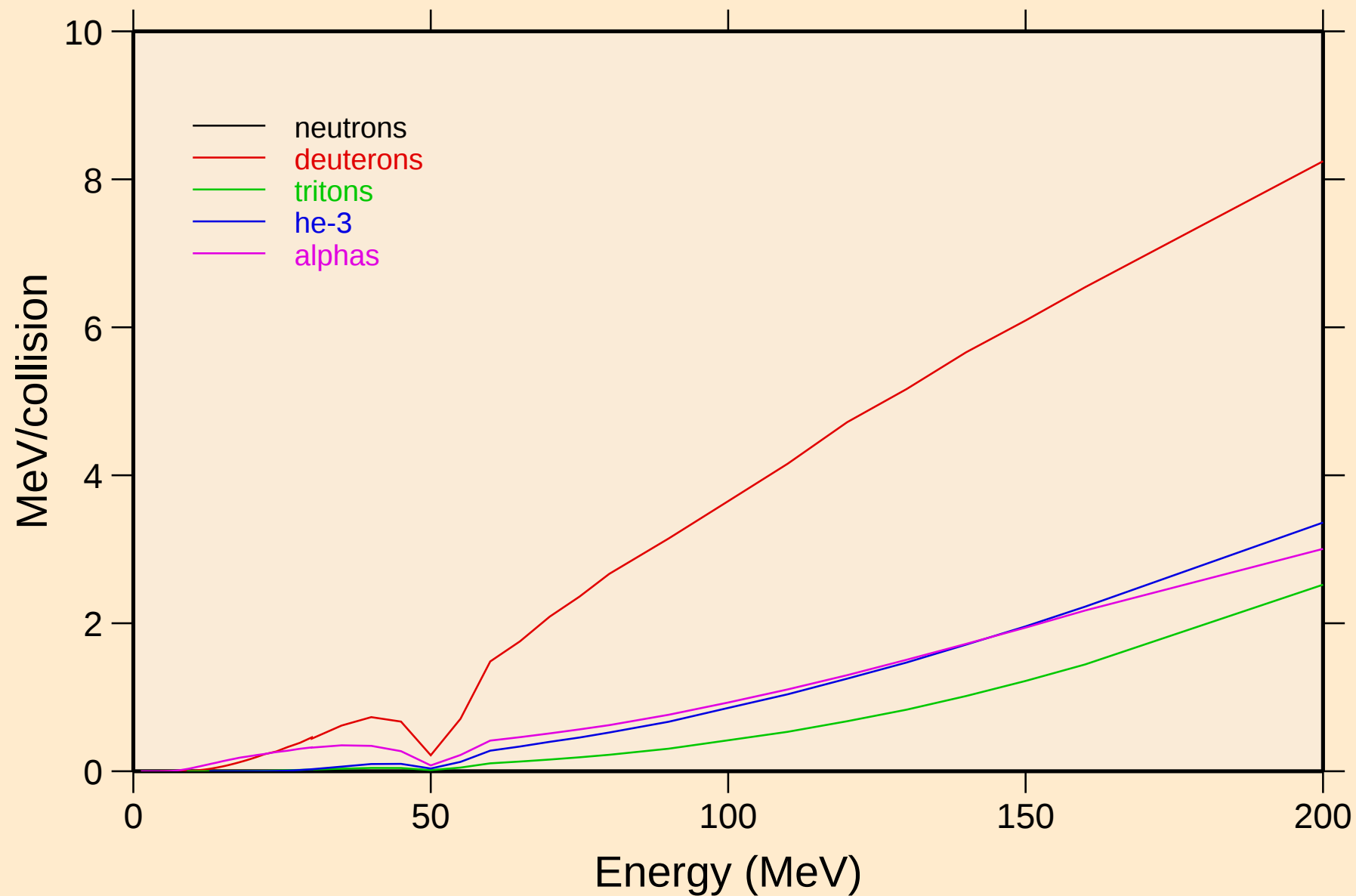
Photon emission for (n,pt)



SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)

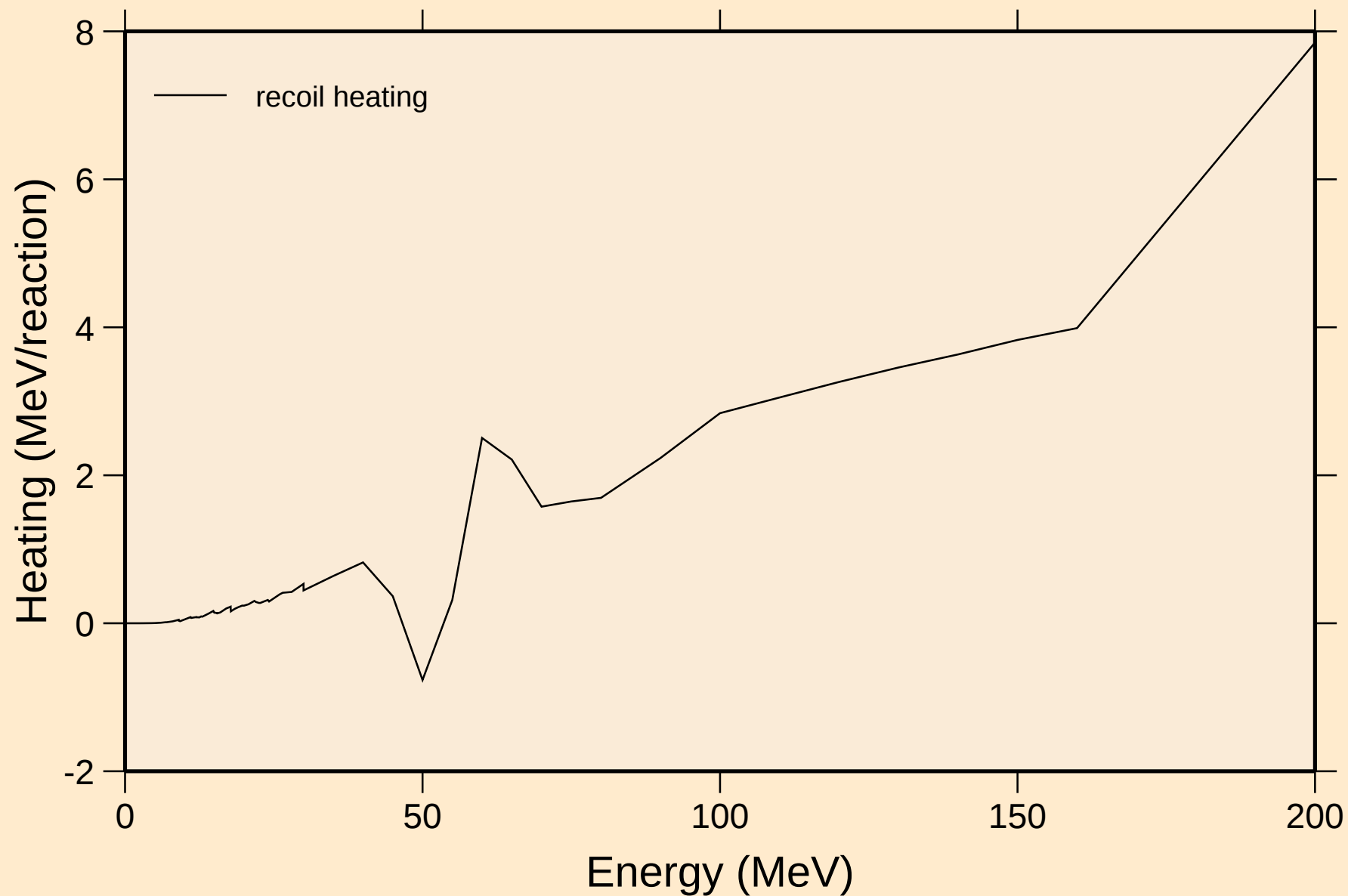


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Particle heating contributions



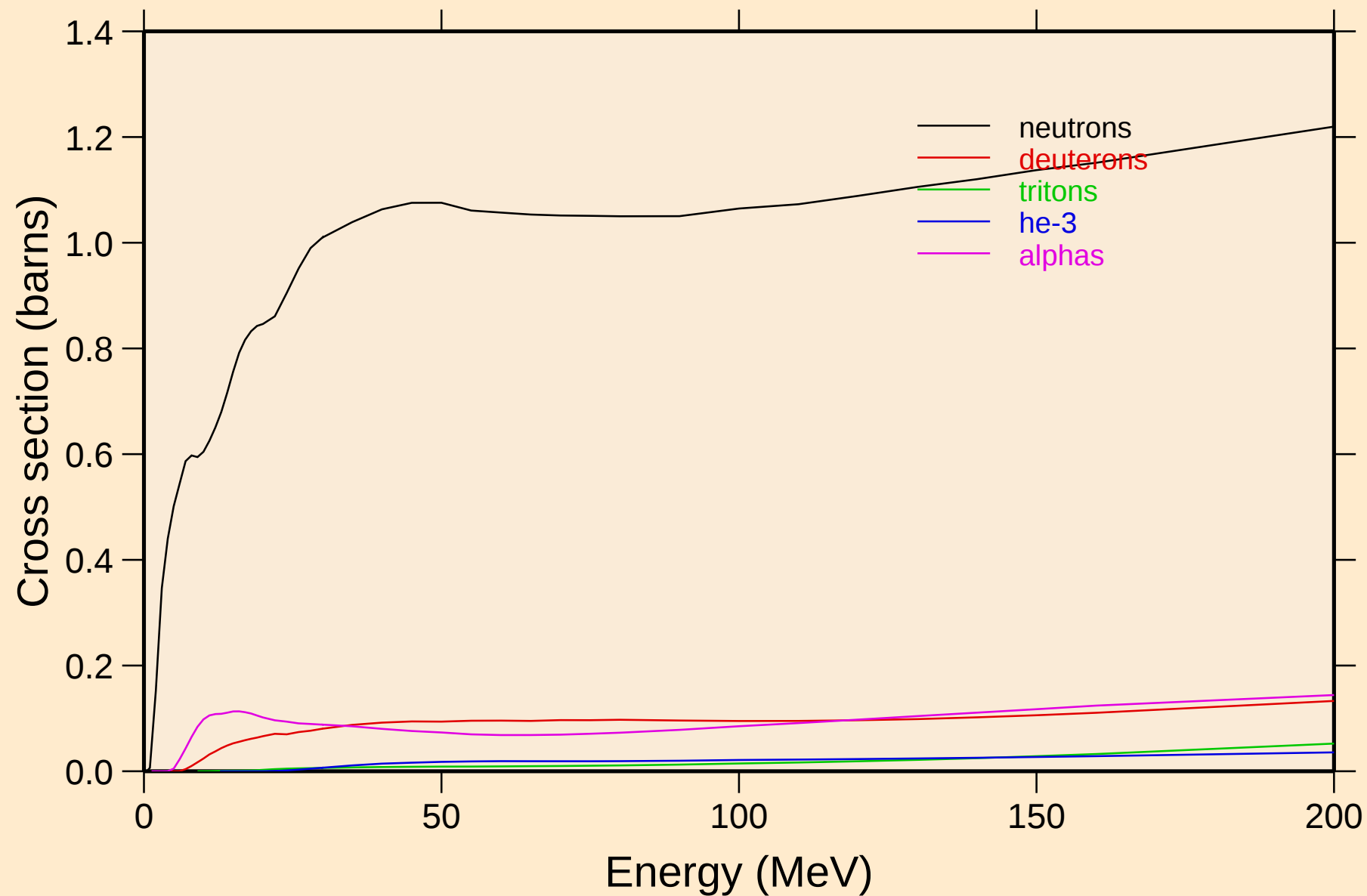
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

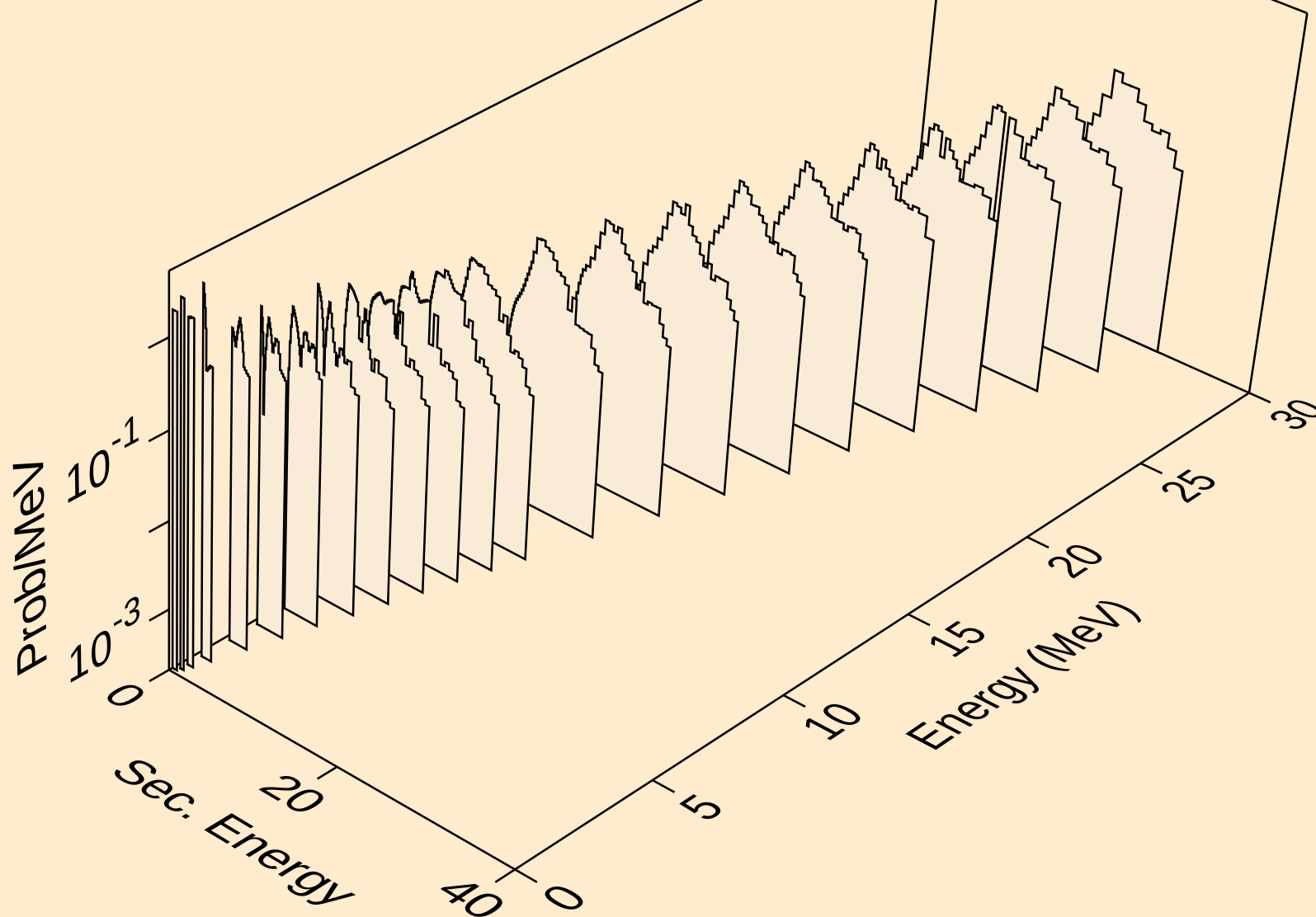


SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K

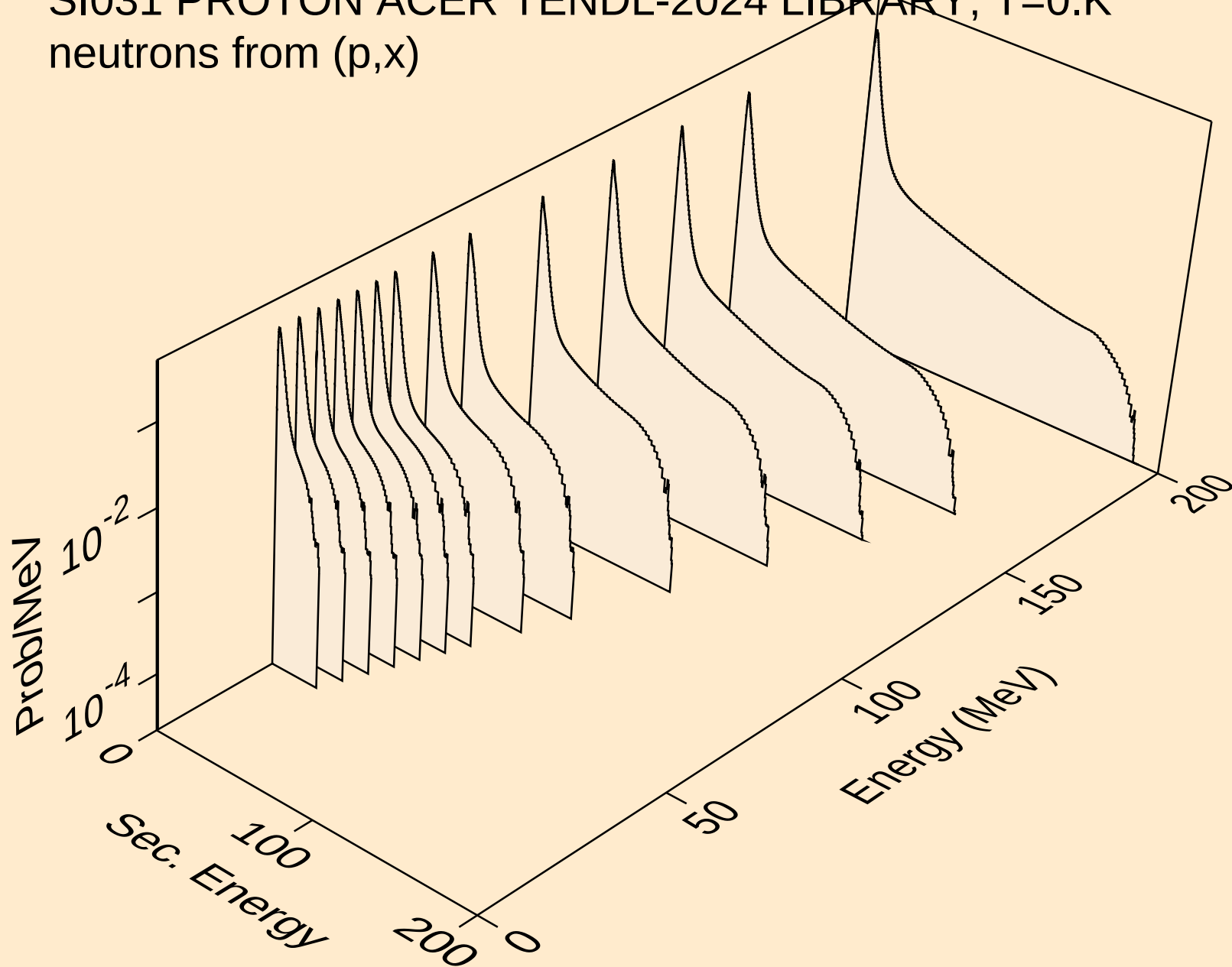
Particle production cross sections



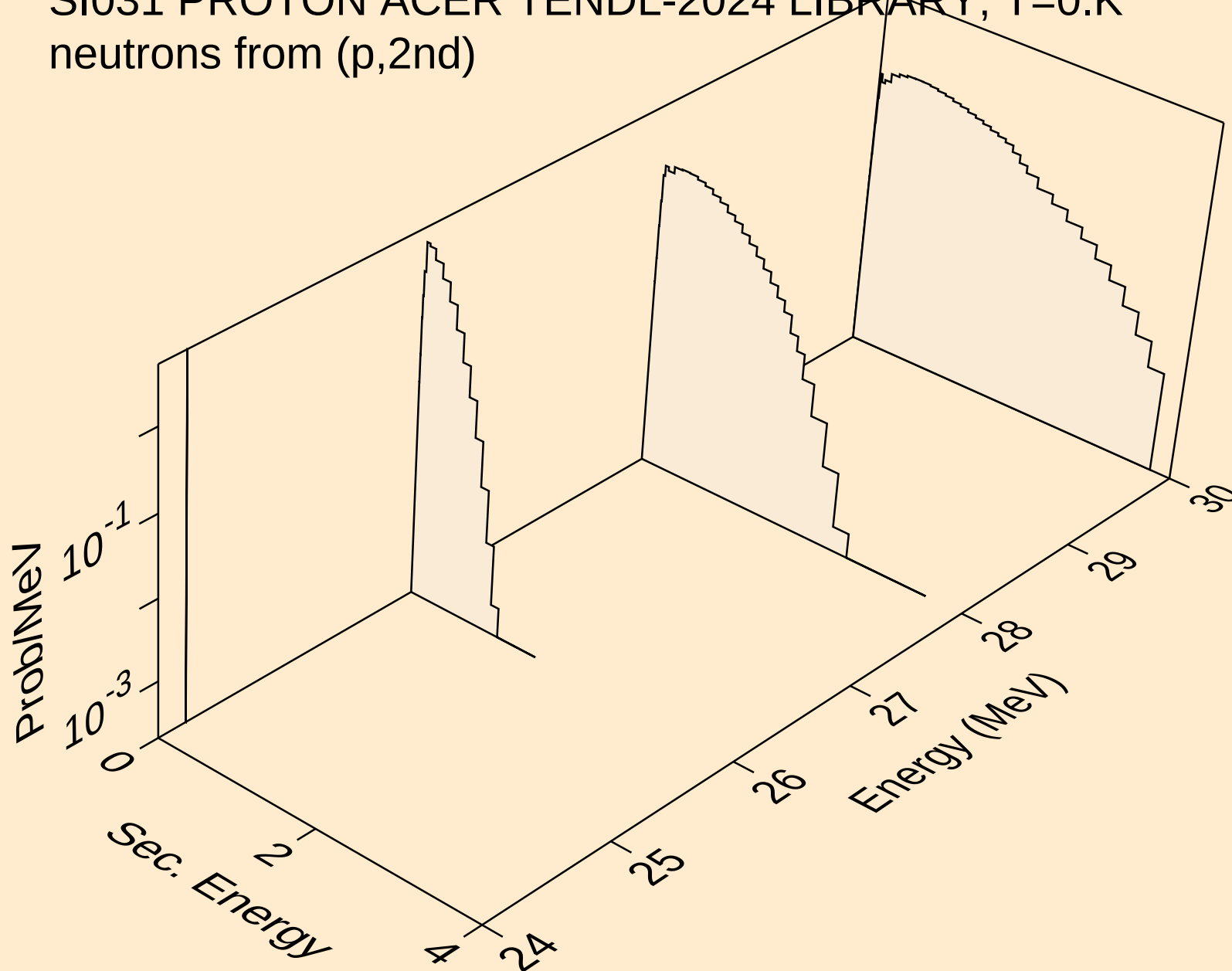
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n)



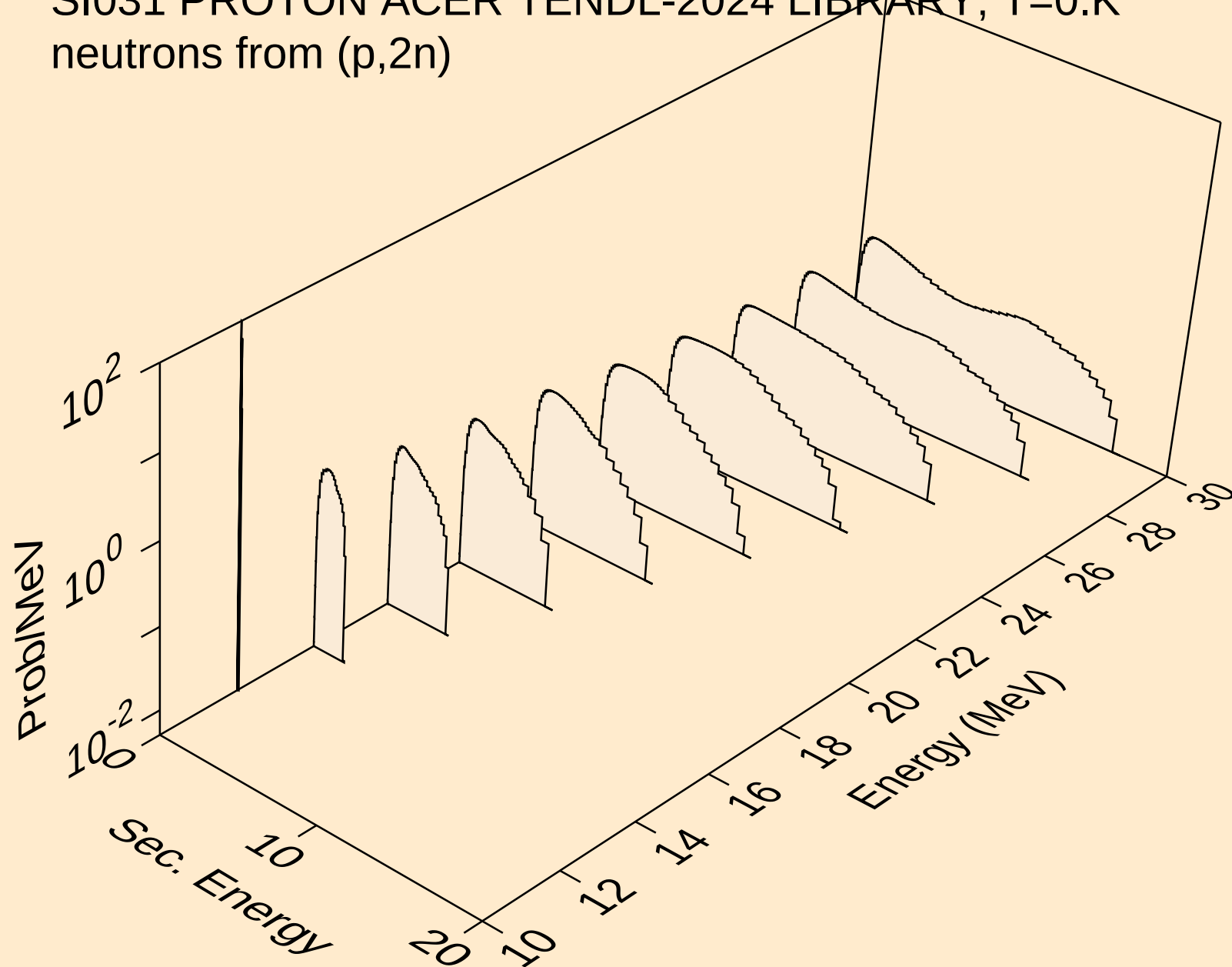
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,x)



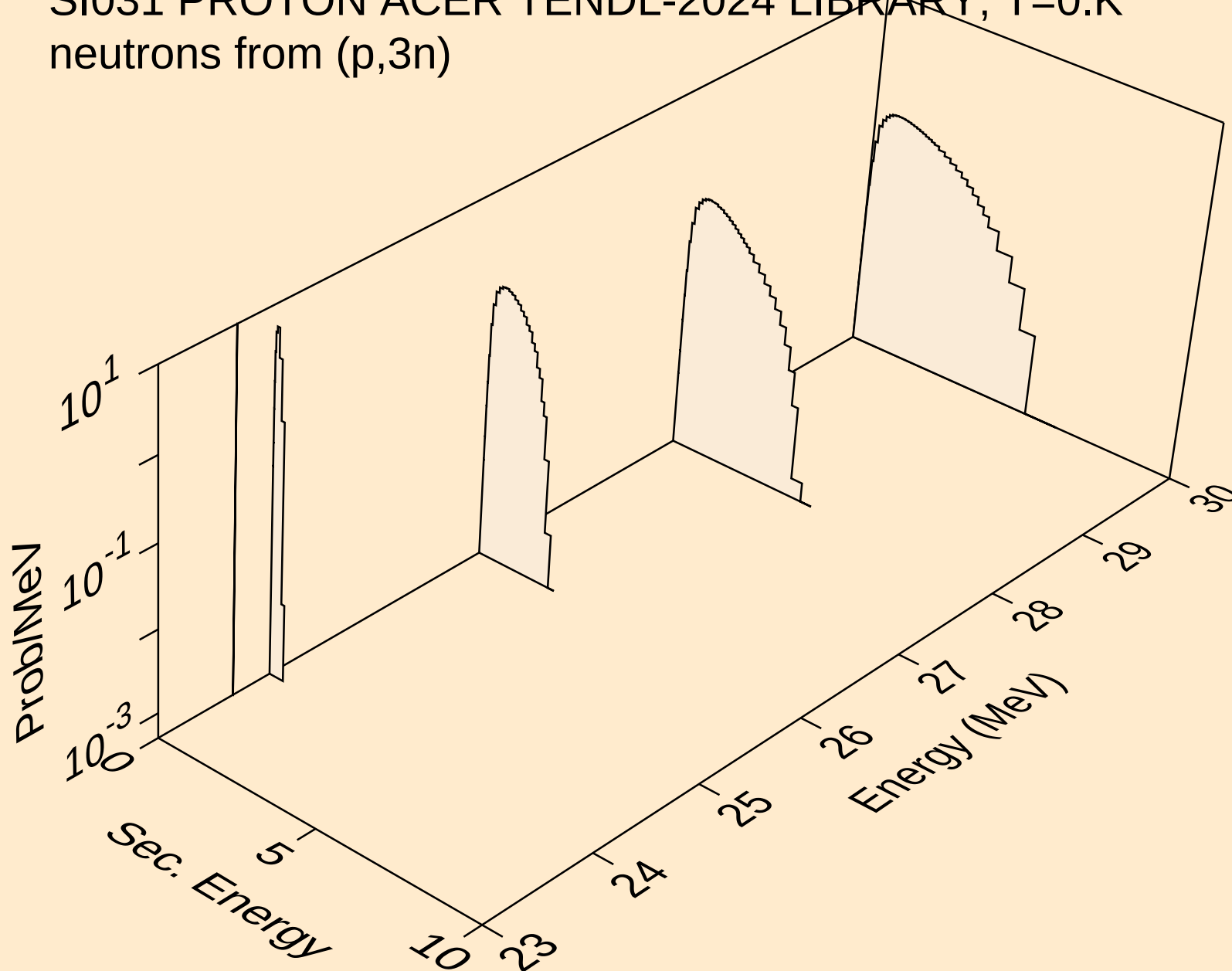
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neutrons from (p,2nd)



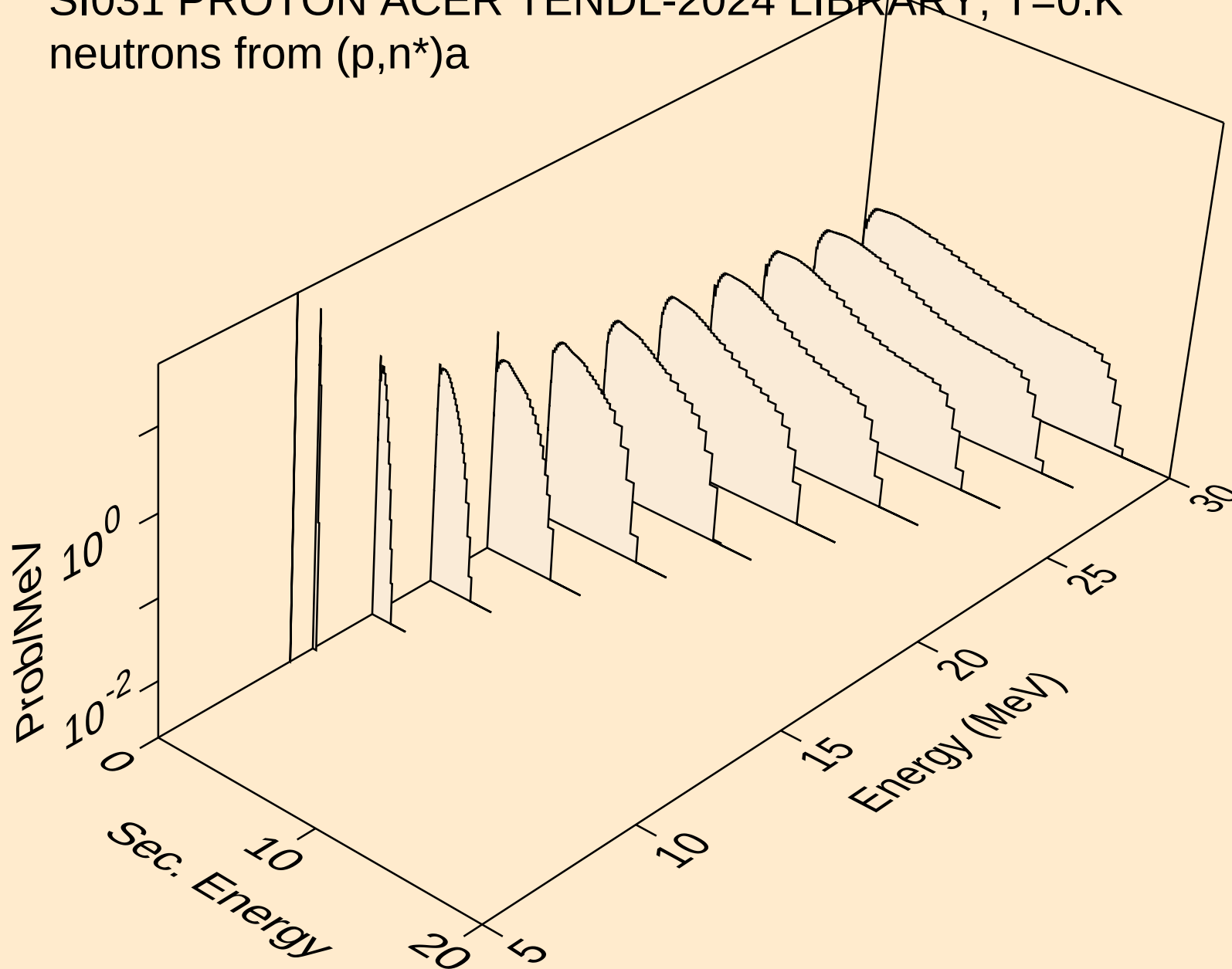
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neutrons from (p,2n)



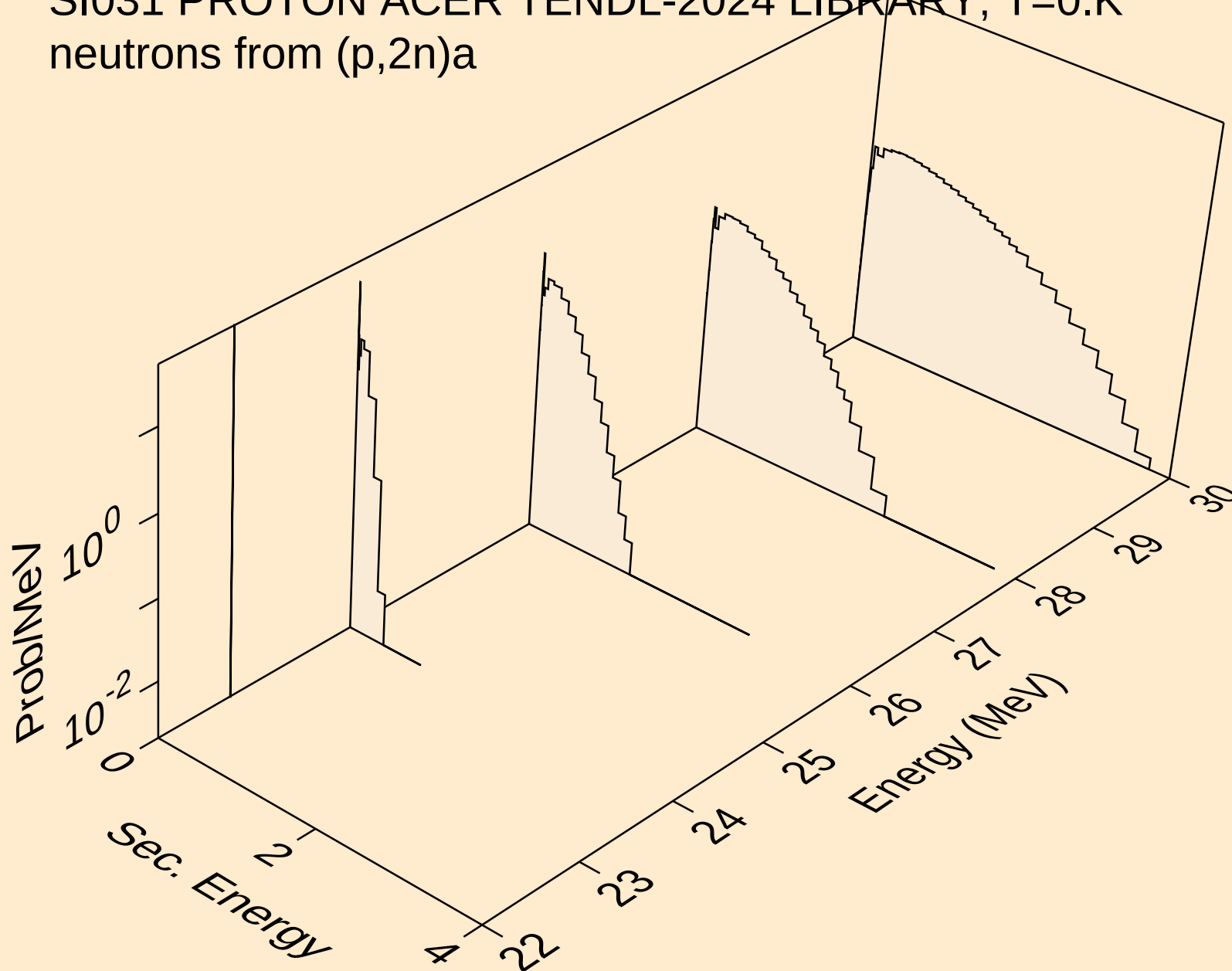
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)



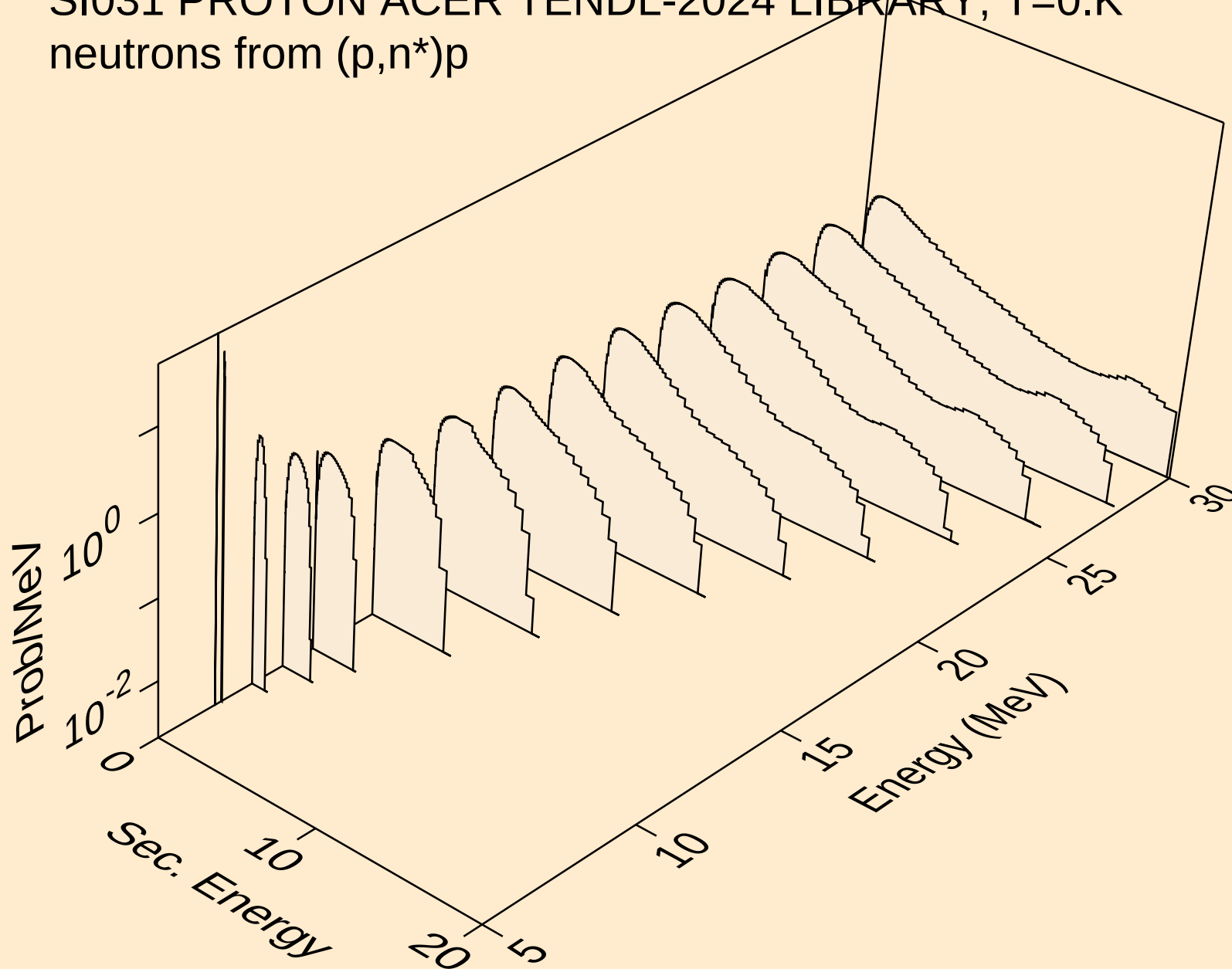
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)a



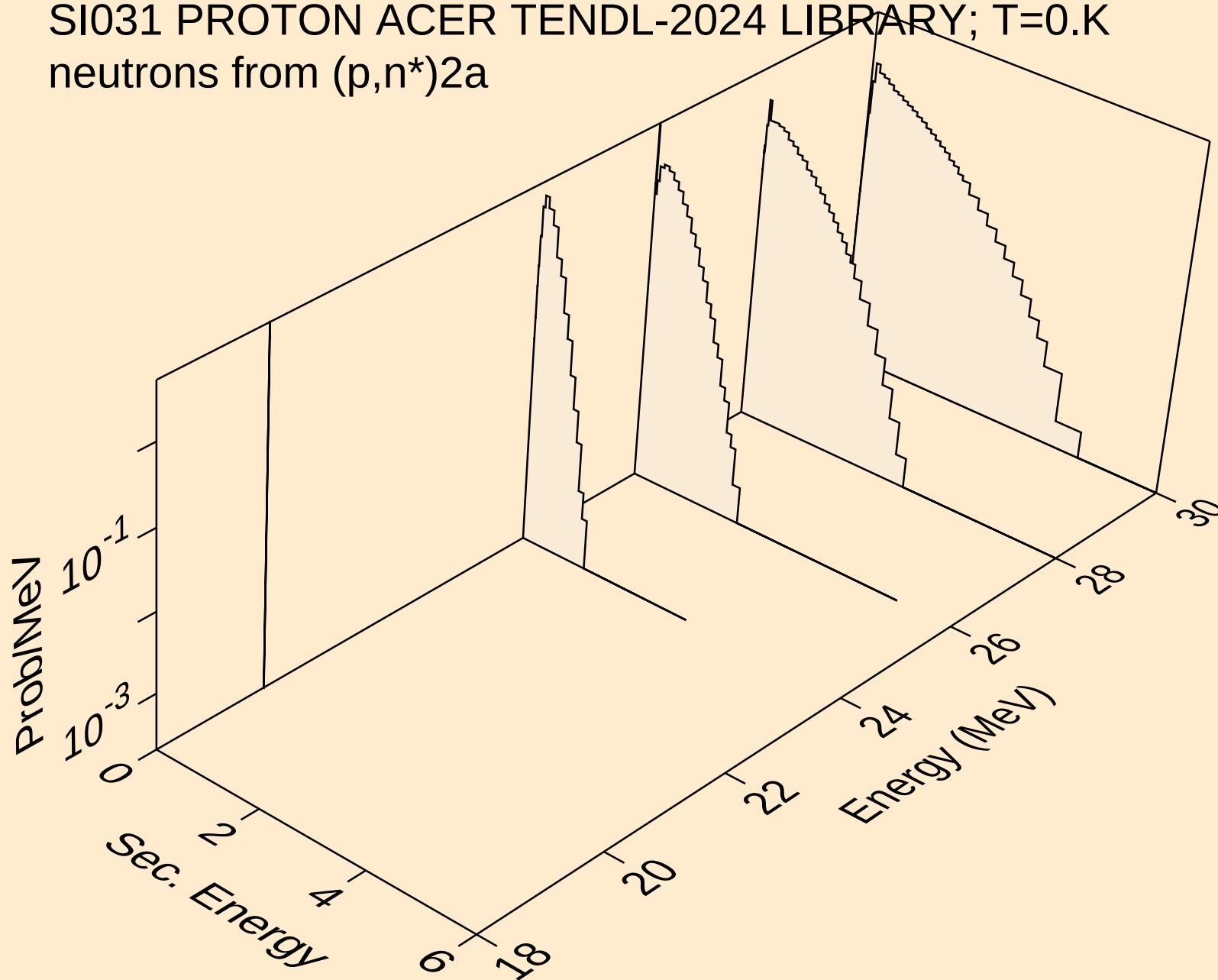
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neutrons from (p,2n)a



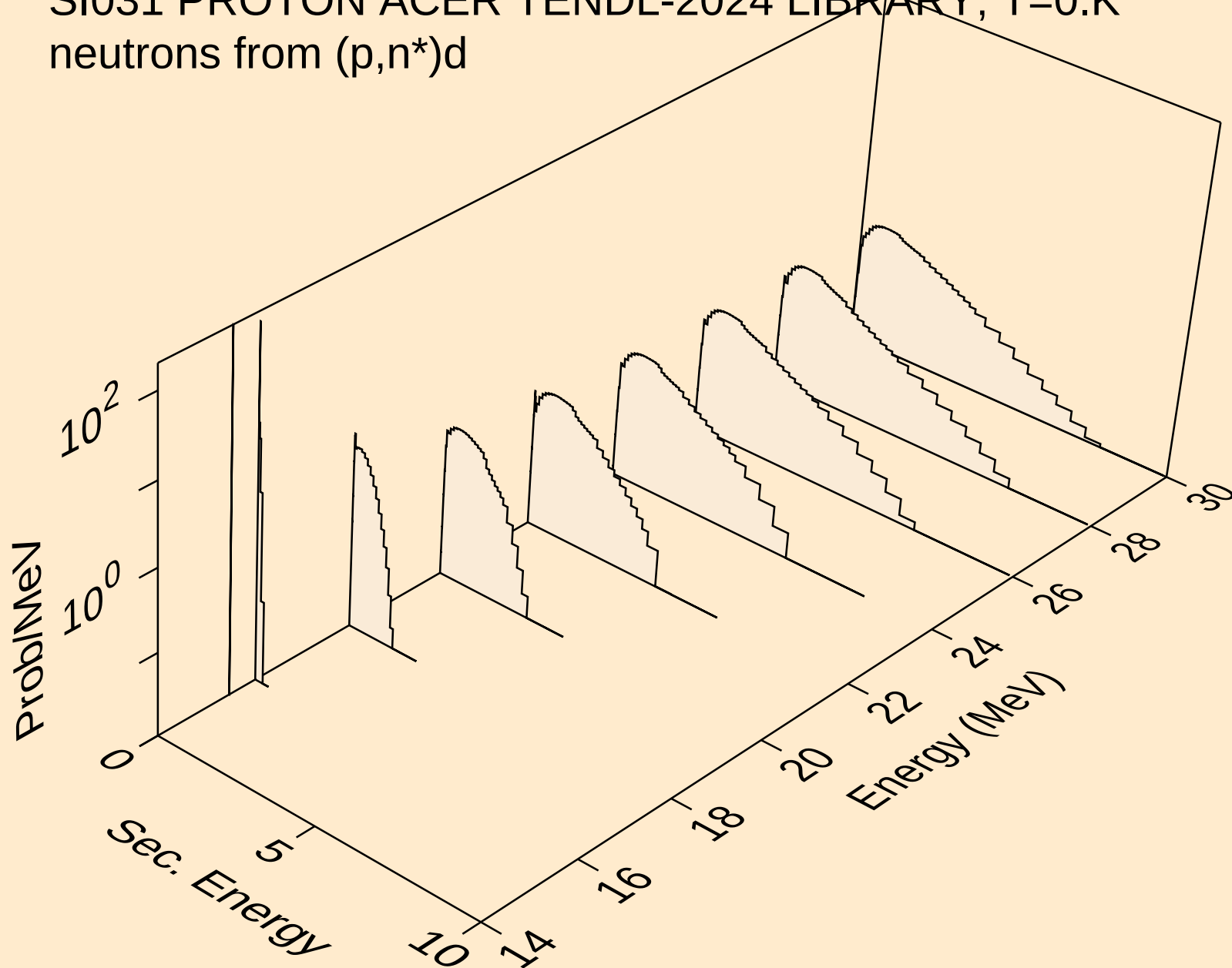
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neutrons from (p,n*)p



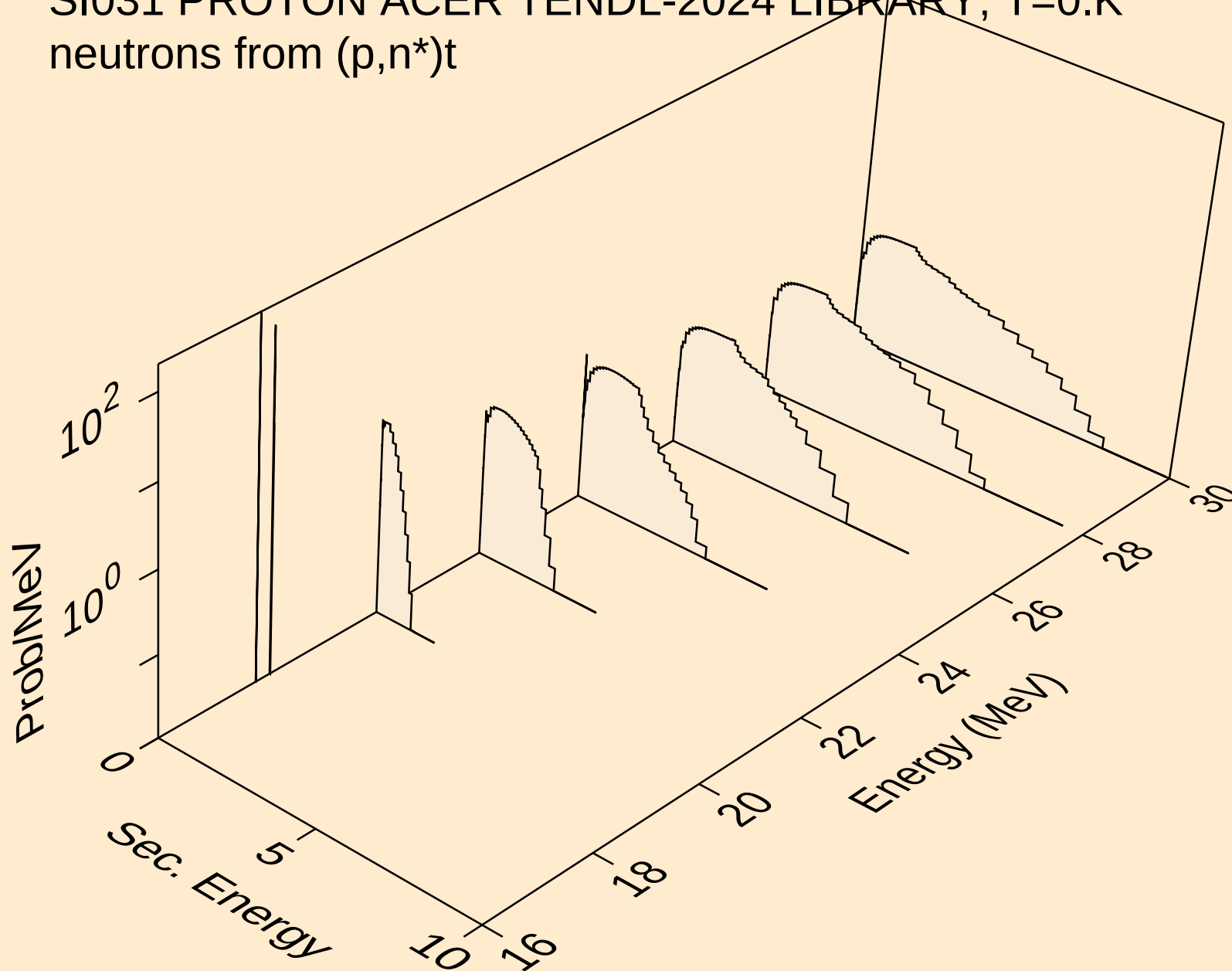
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neutrons from (p,n*)2a



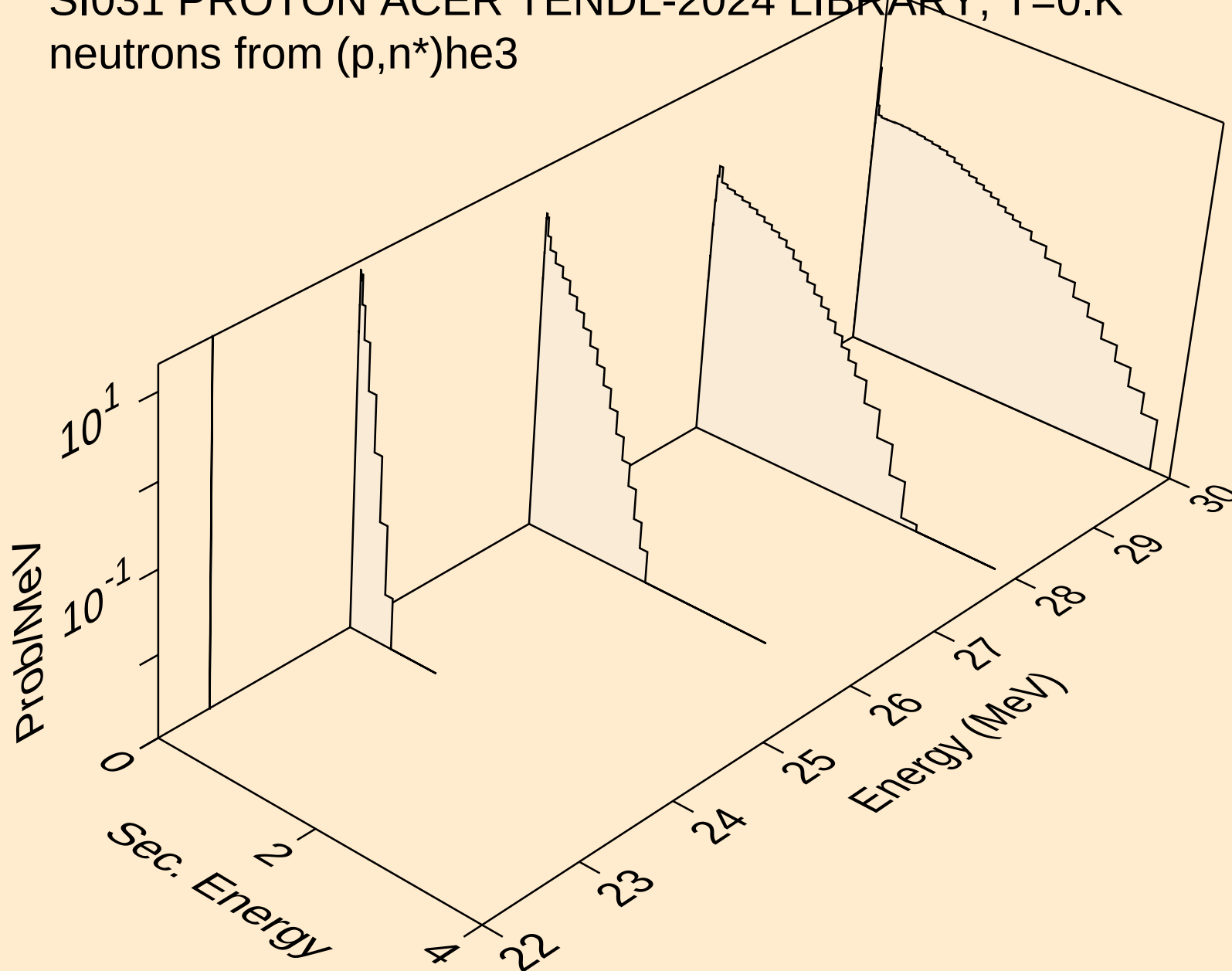
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)d



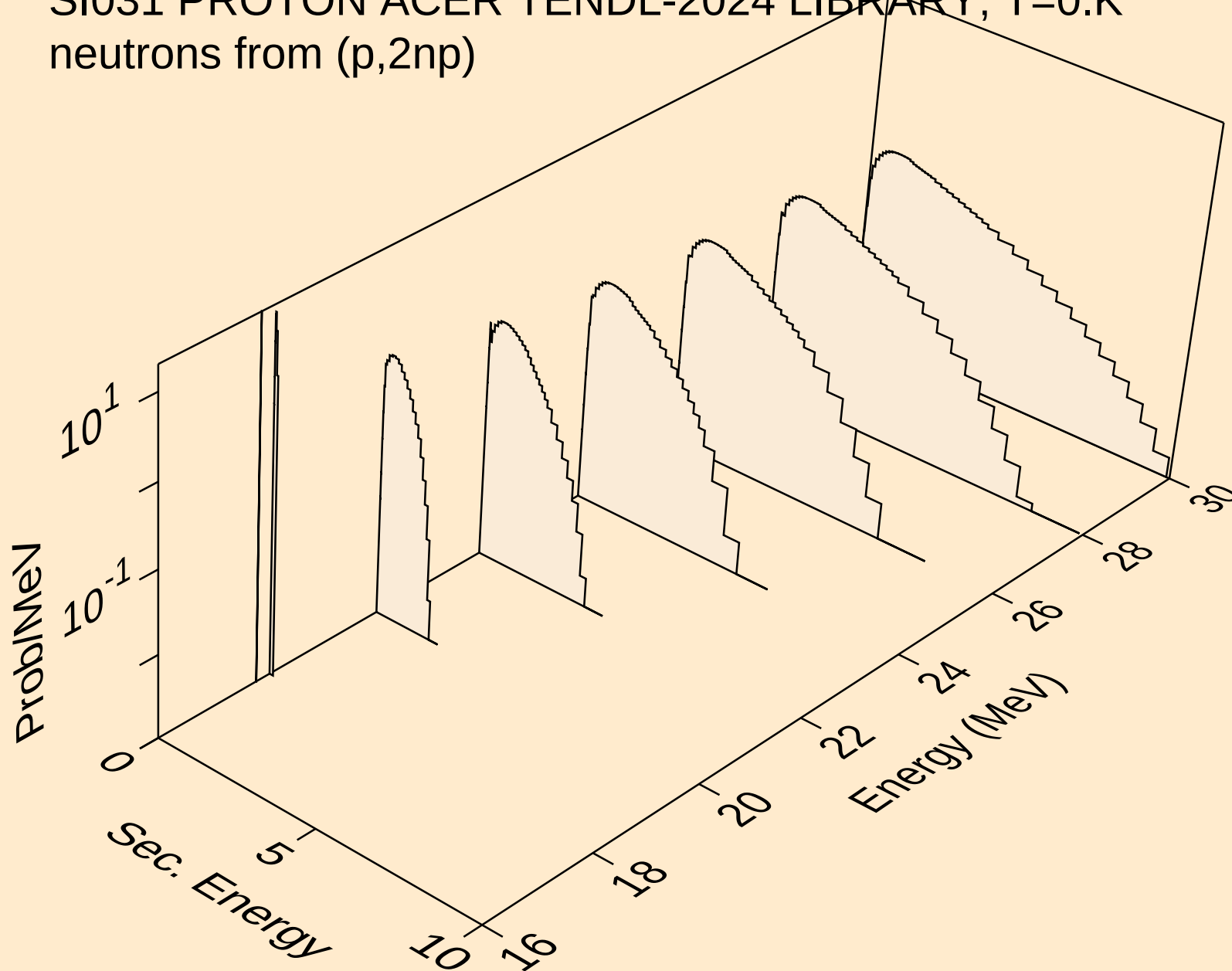
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neutrons from (p,n*)t



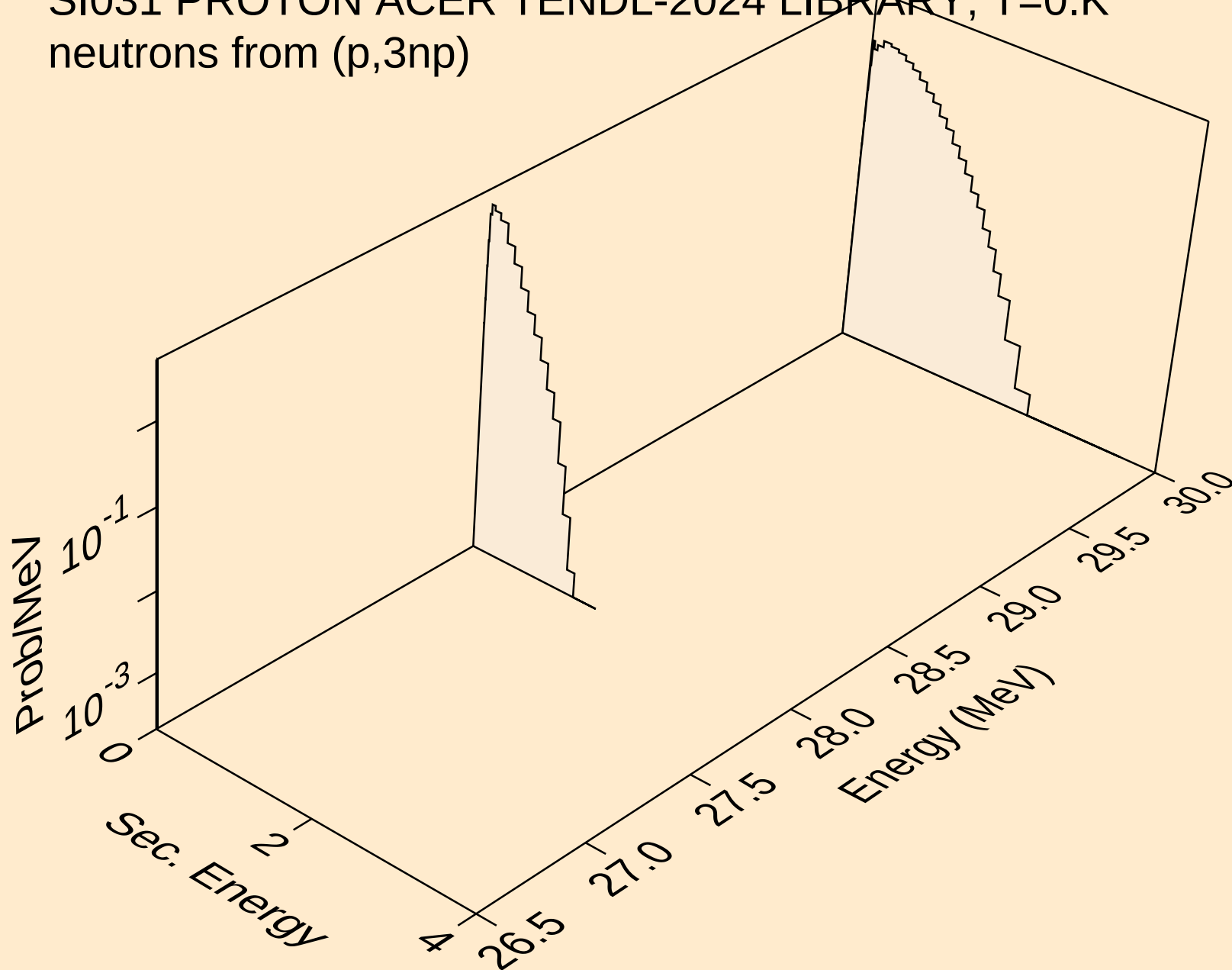
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neutrons from (p,n*)he3



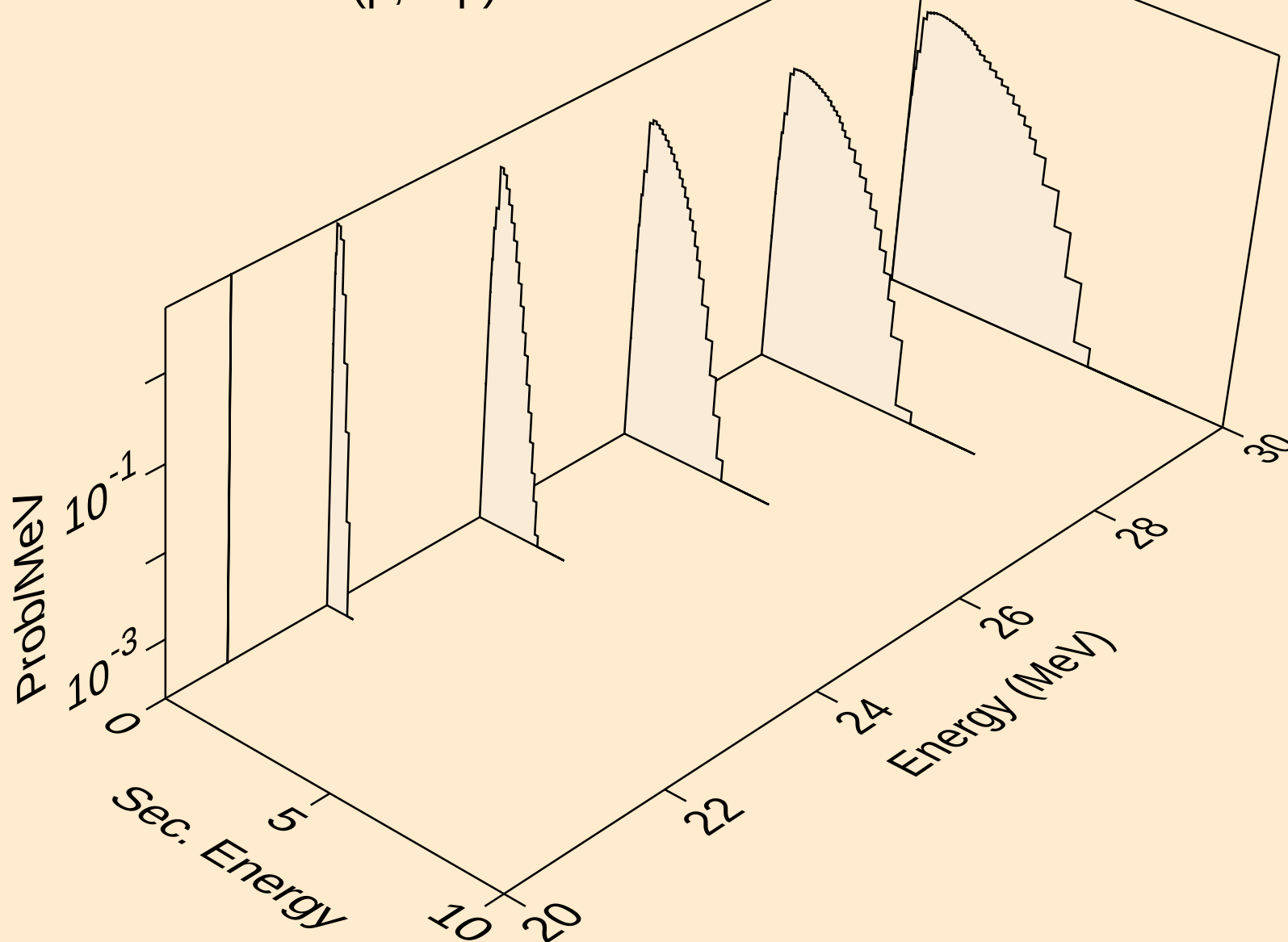
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neutrons from (p,2np)



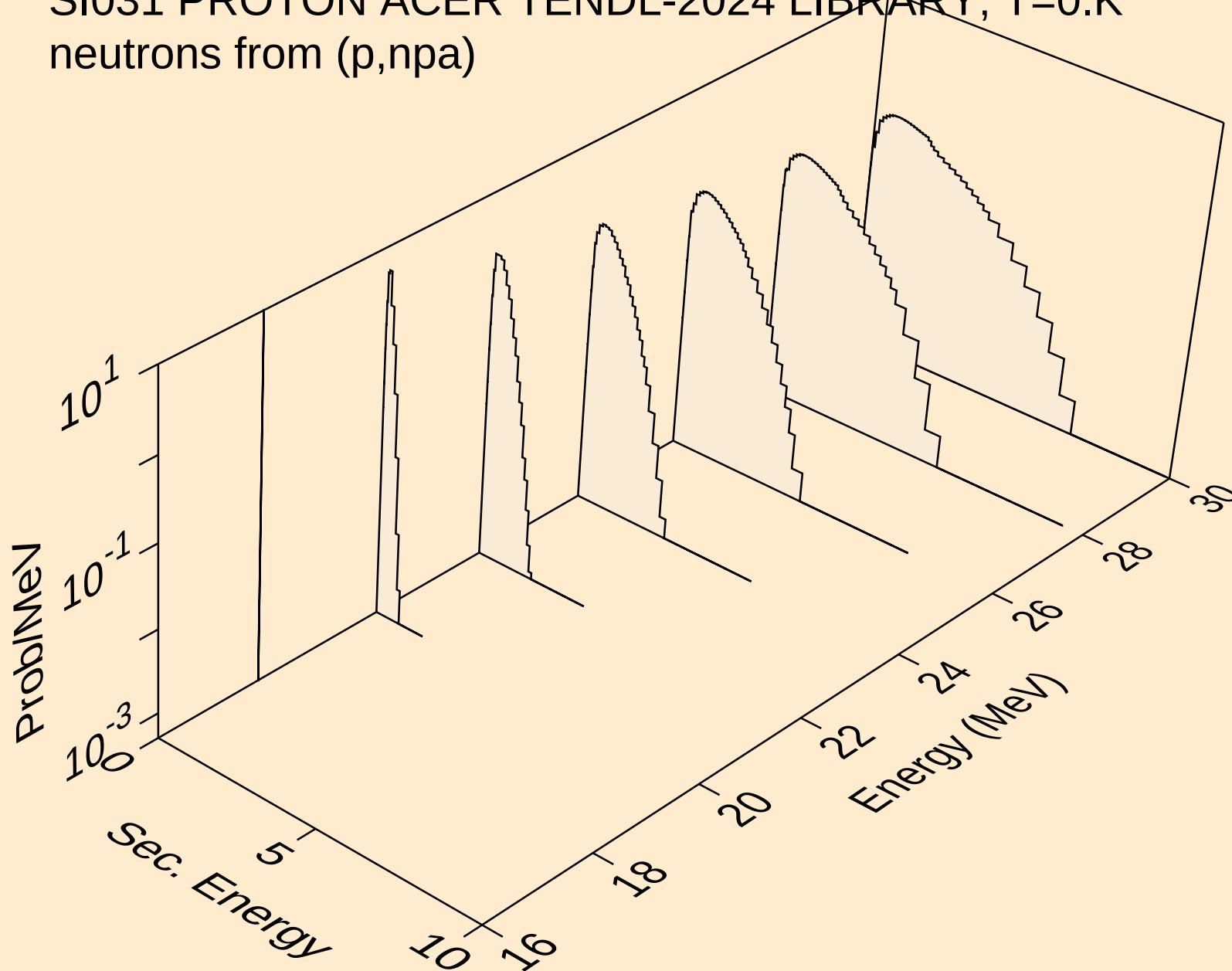
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neutrons from (p,3np)



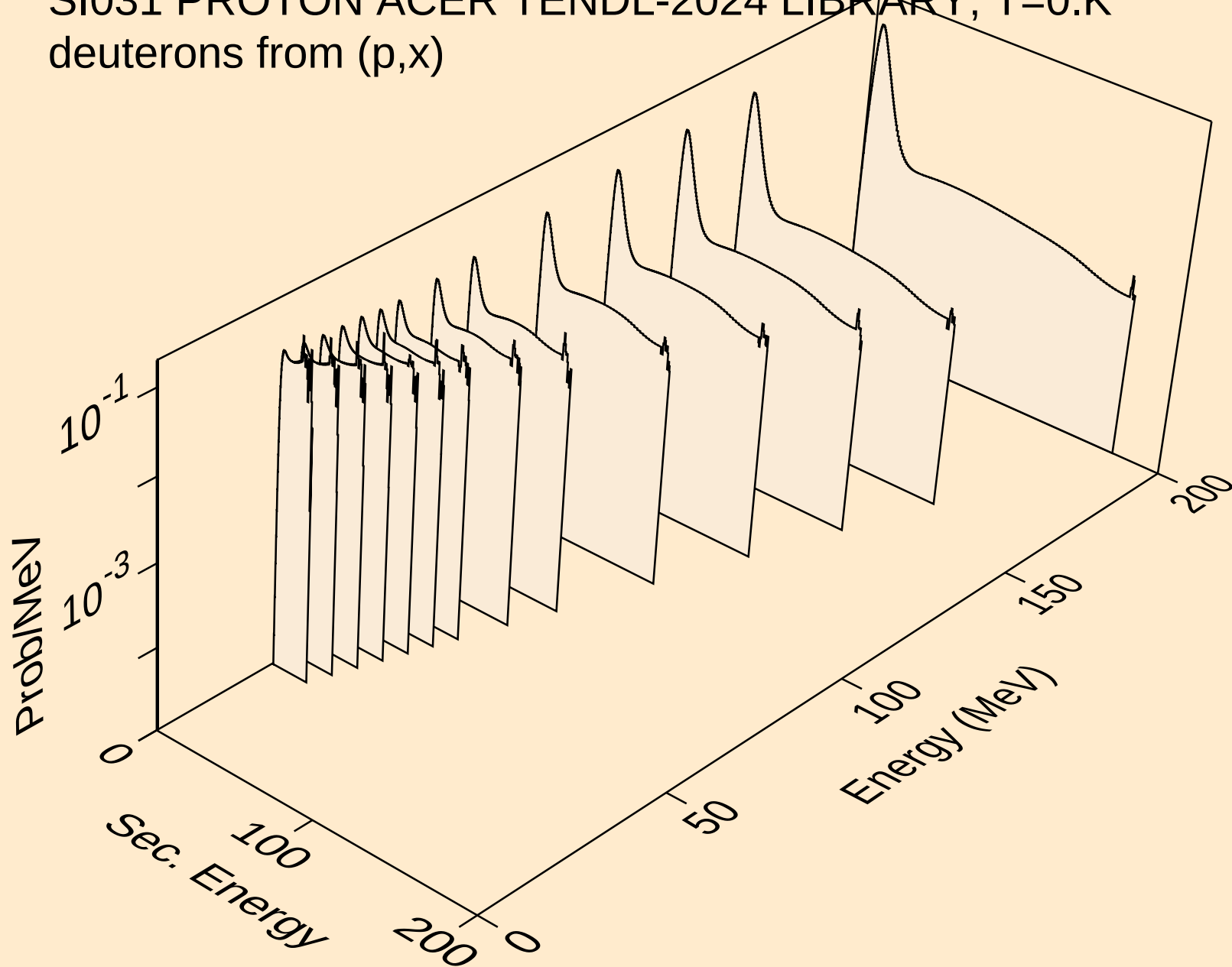
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n2p)



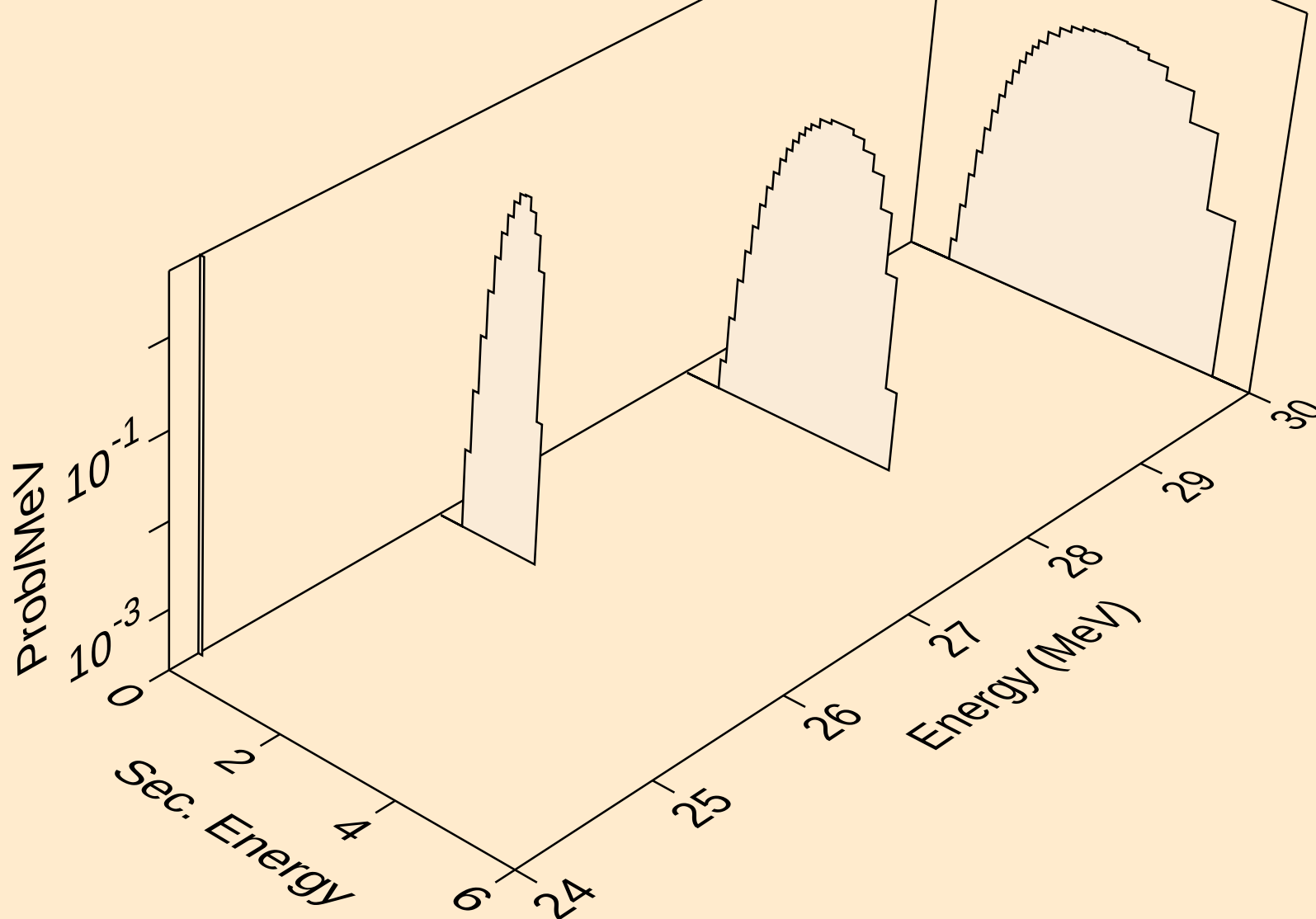
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neutrons from (p,npa)



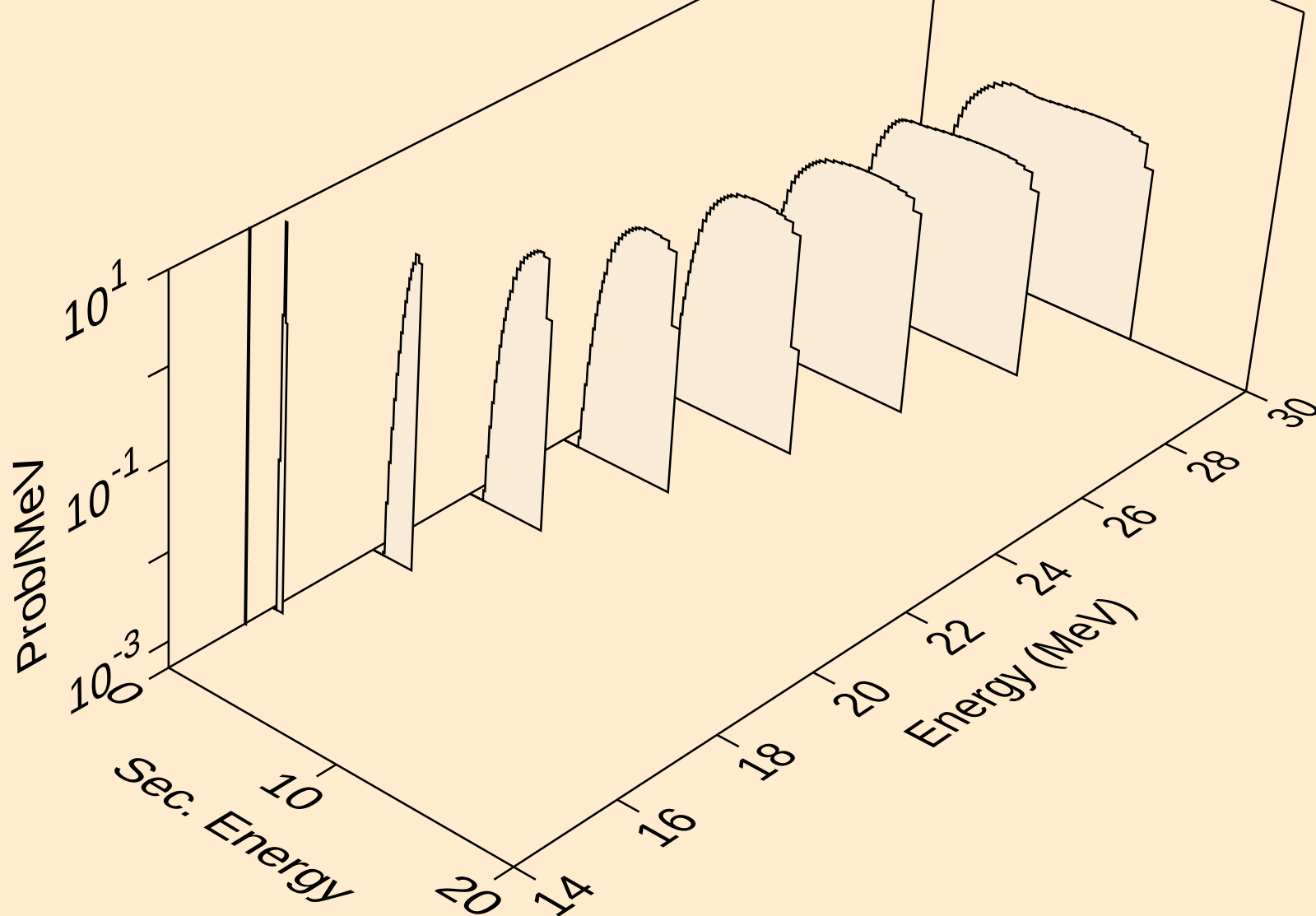
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deuterons from (p,x)



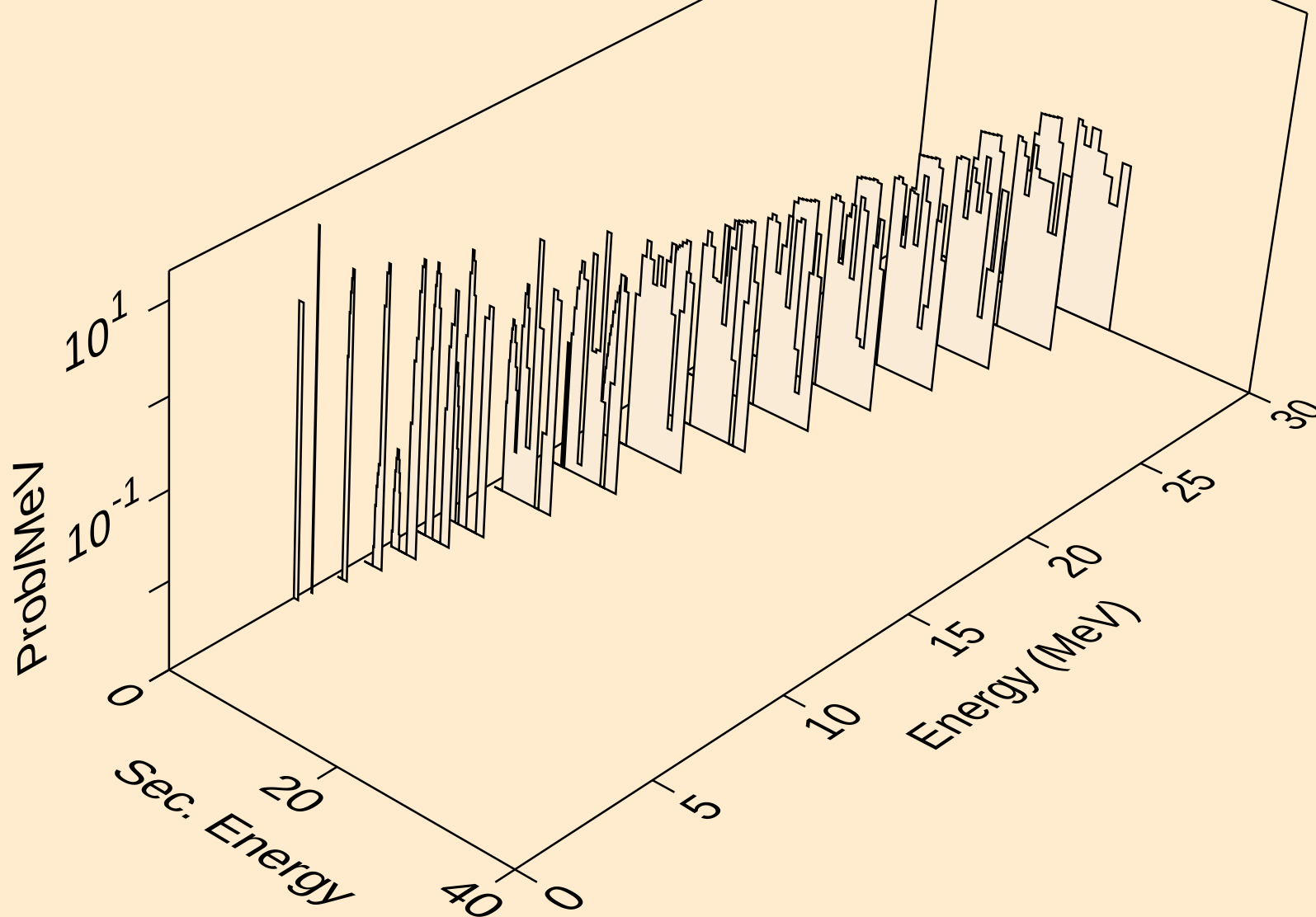
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deuterons from (p,2nd)



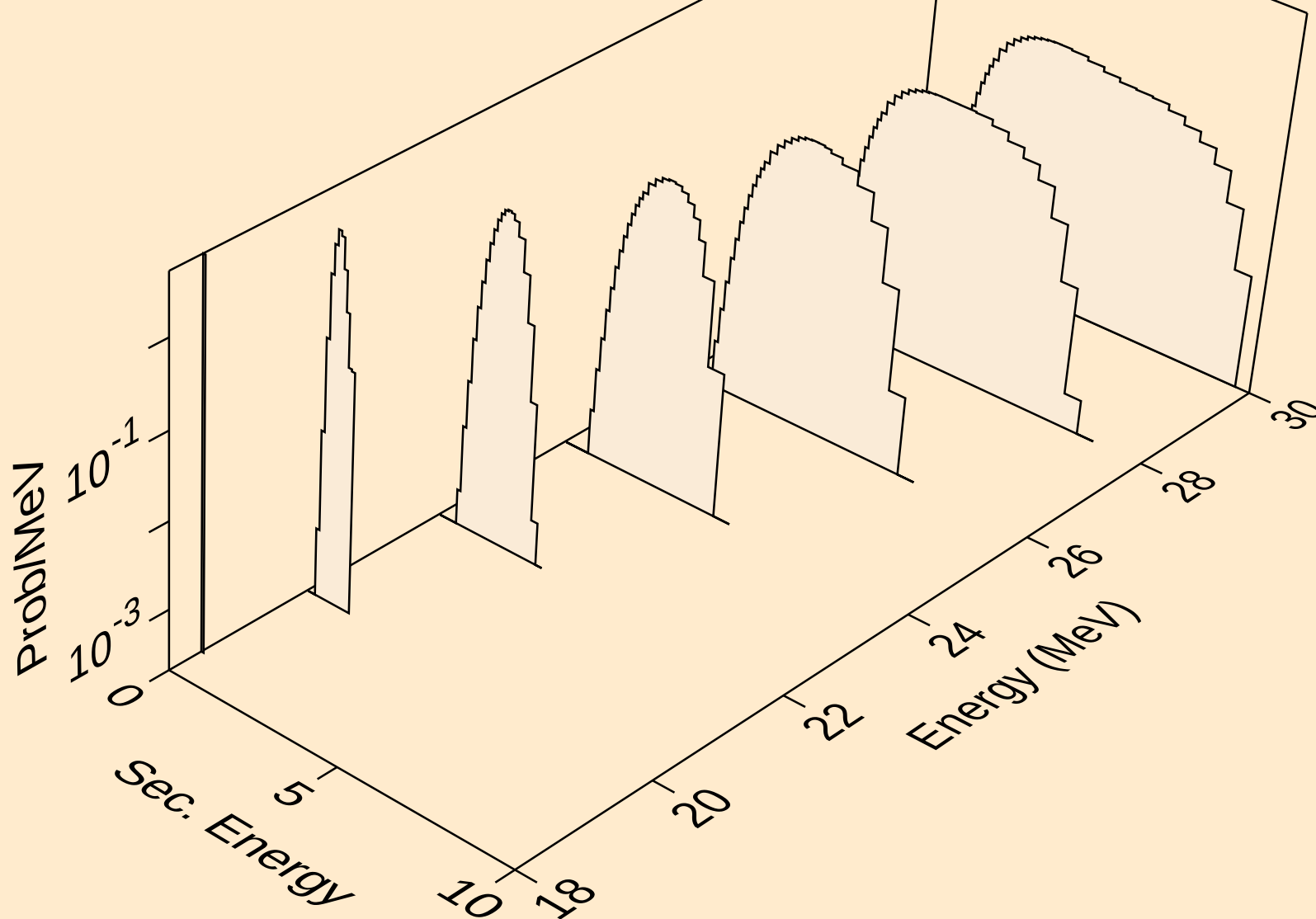
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,n*)d



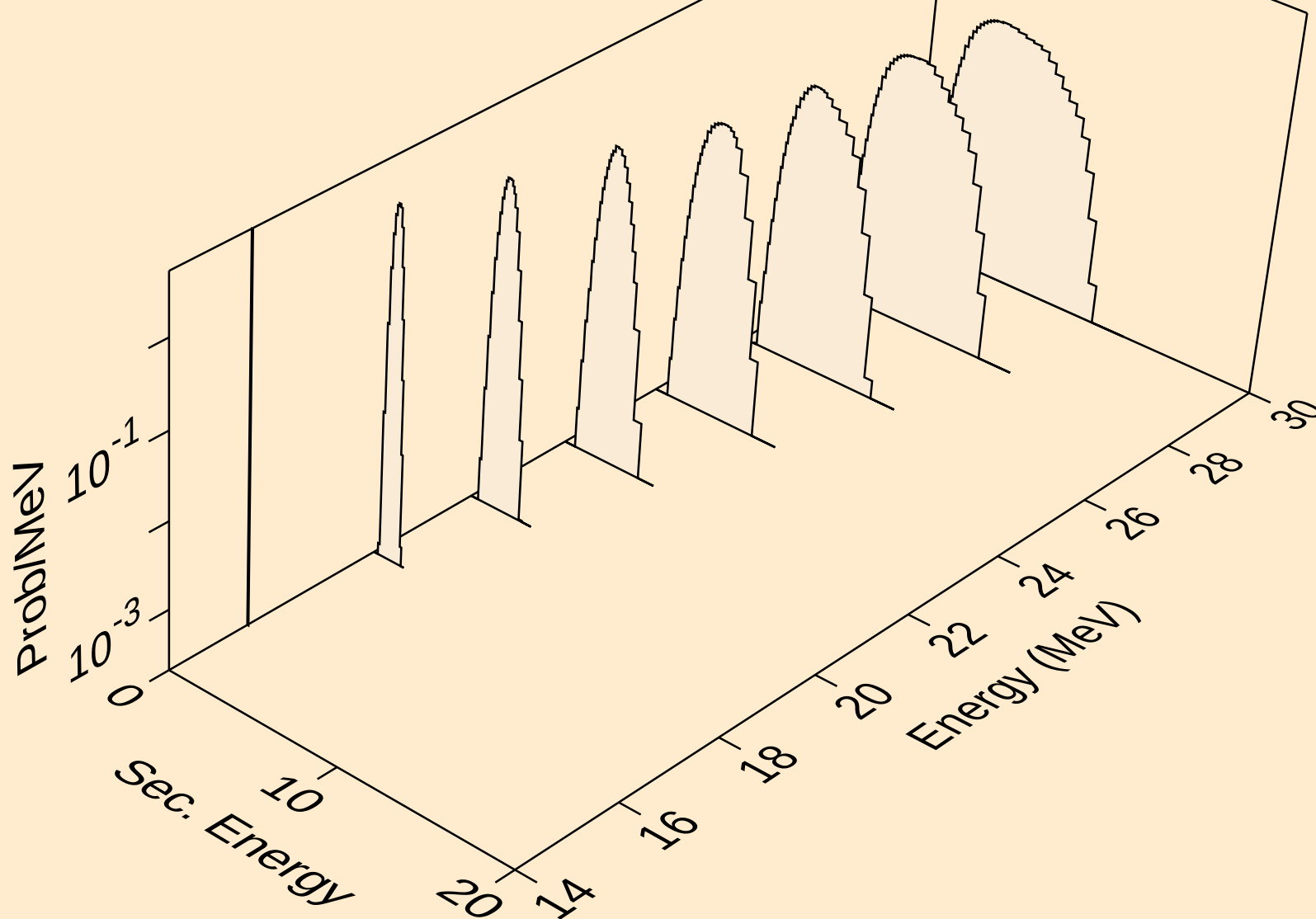
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deuterons from (p,d)



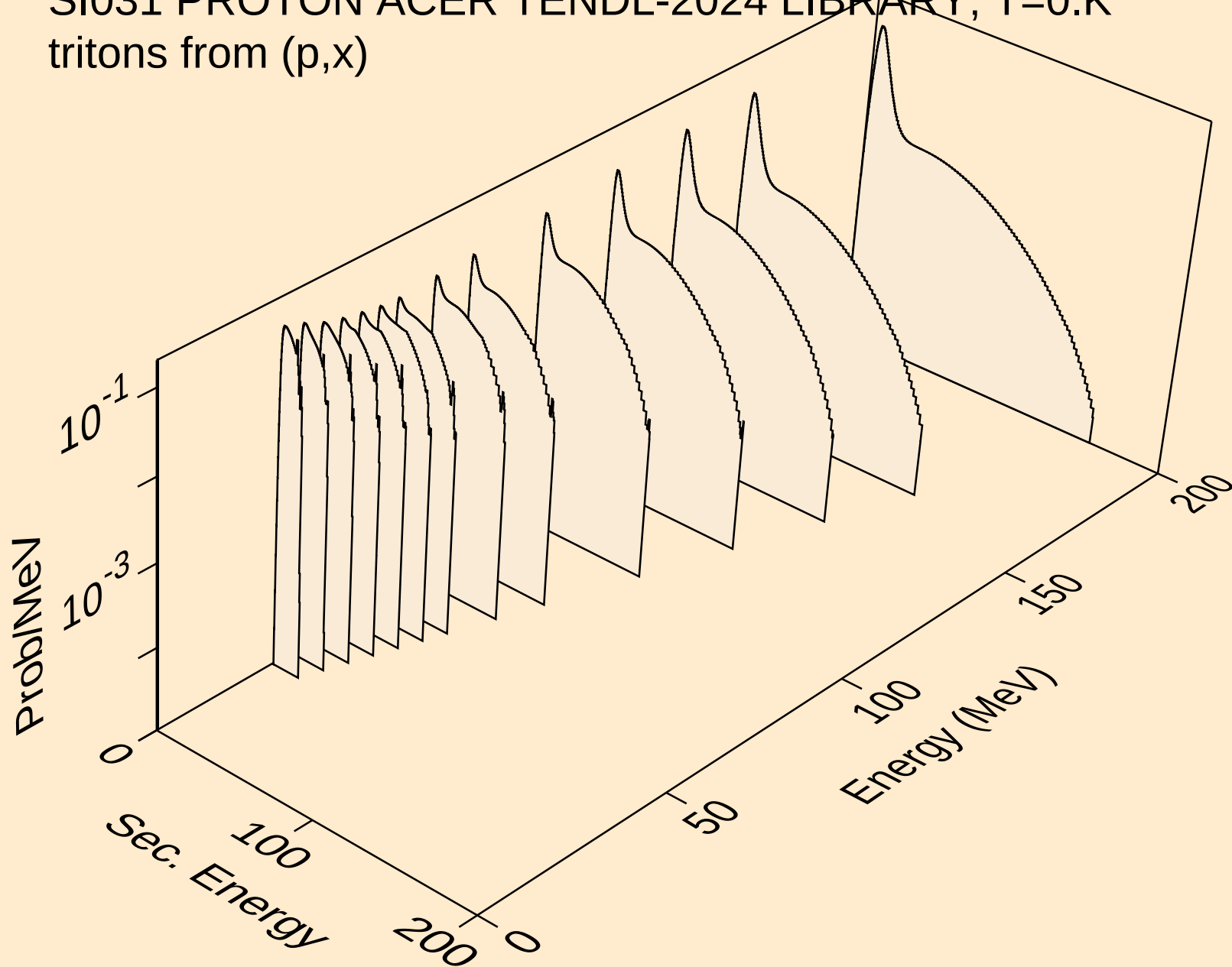
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deuterons from (p,pd)



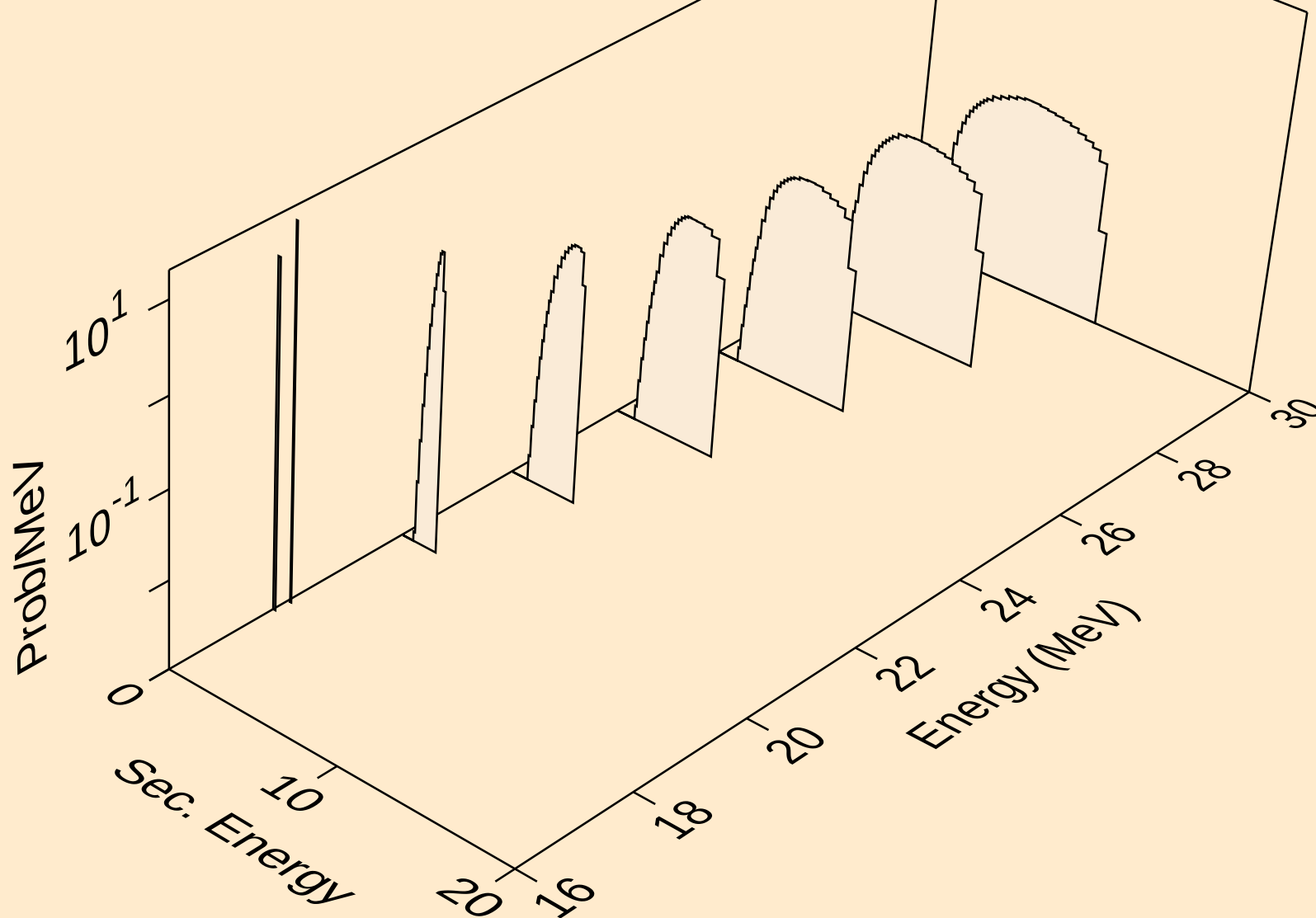
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deuterons from (p,da)



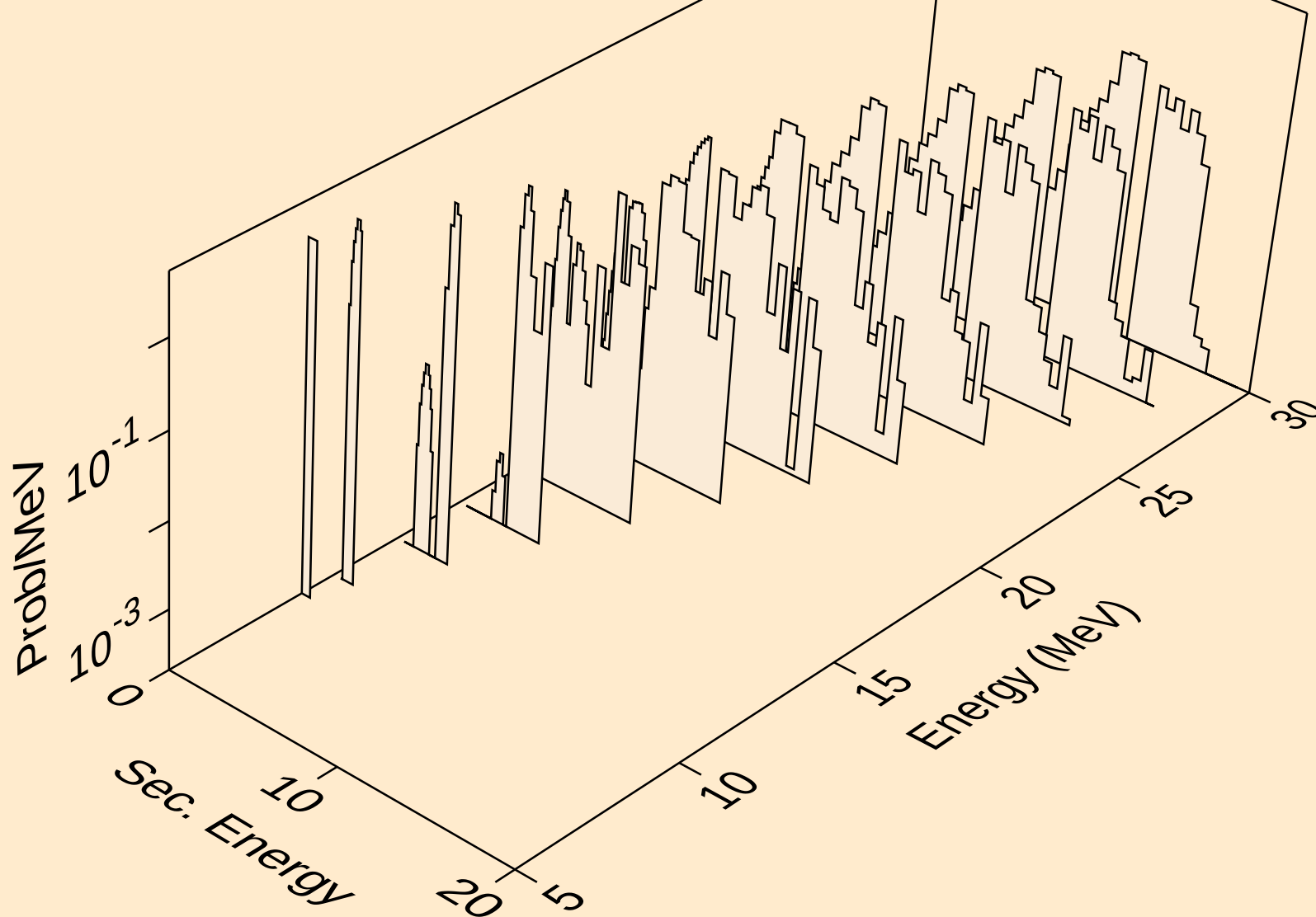
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tritons from (p,x)



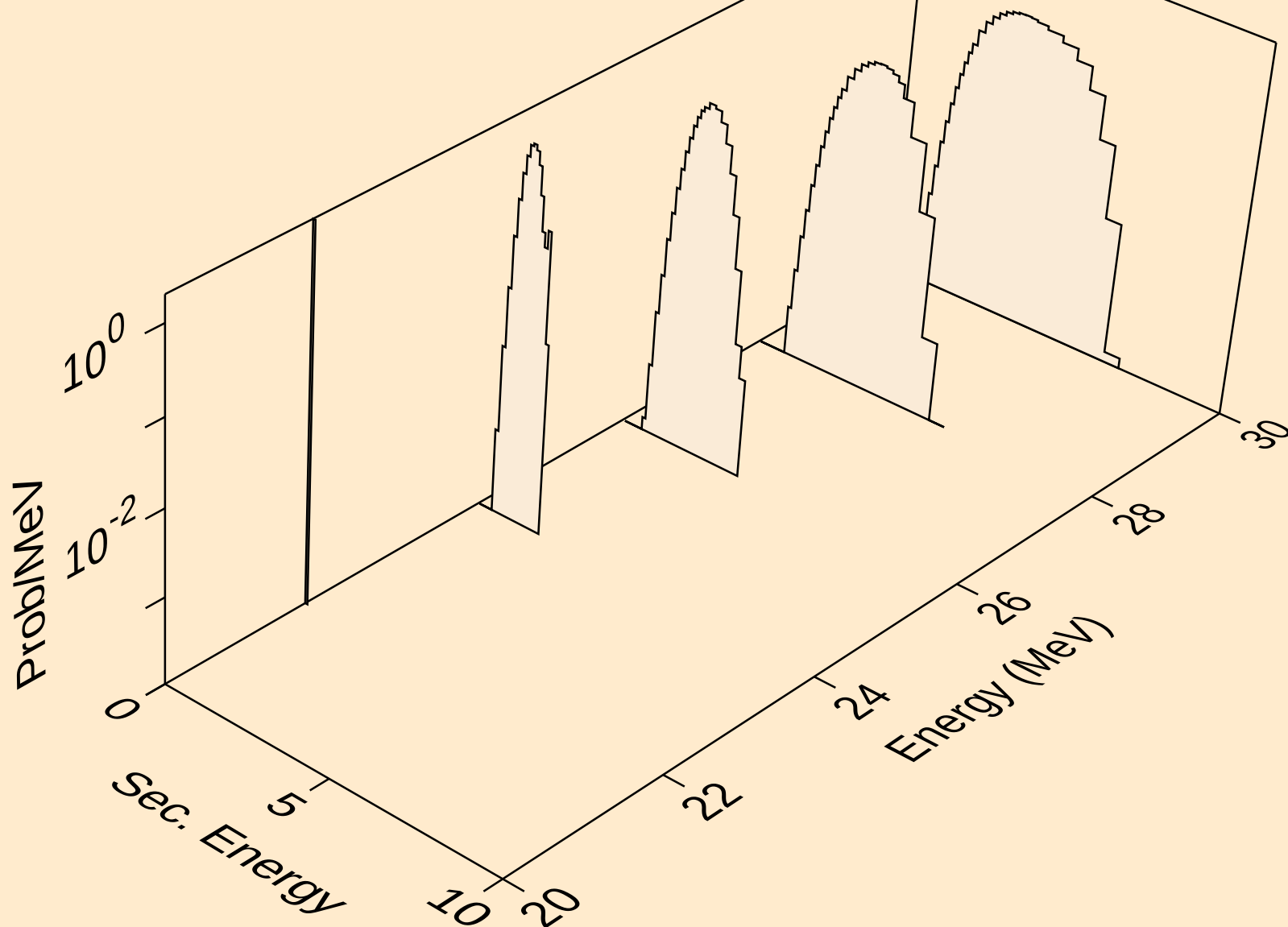
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tritons from (p,n*)t



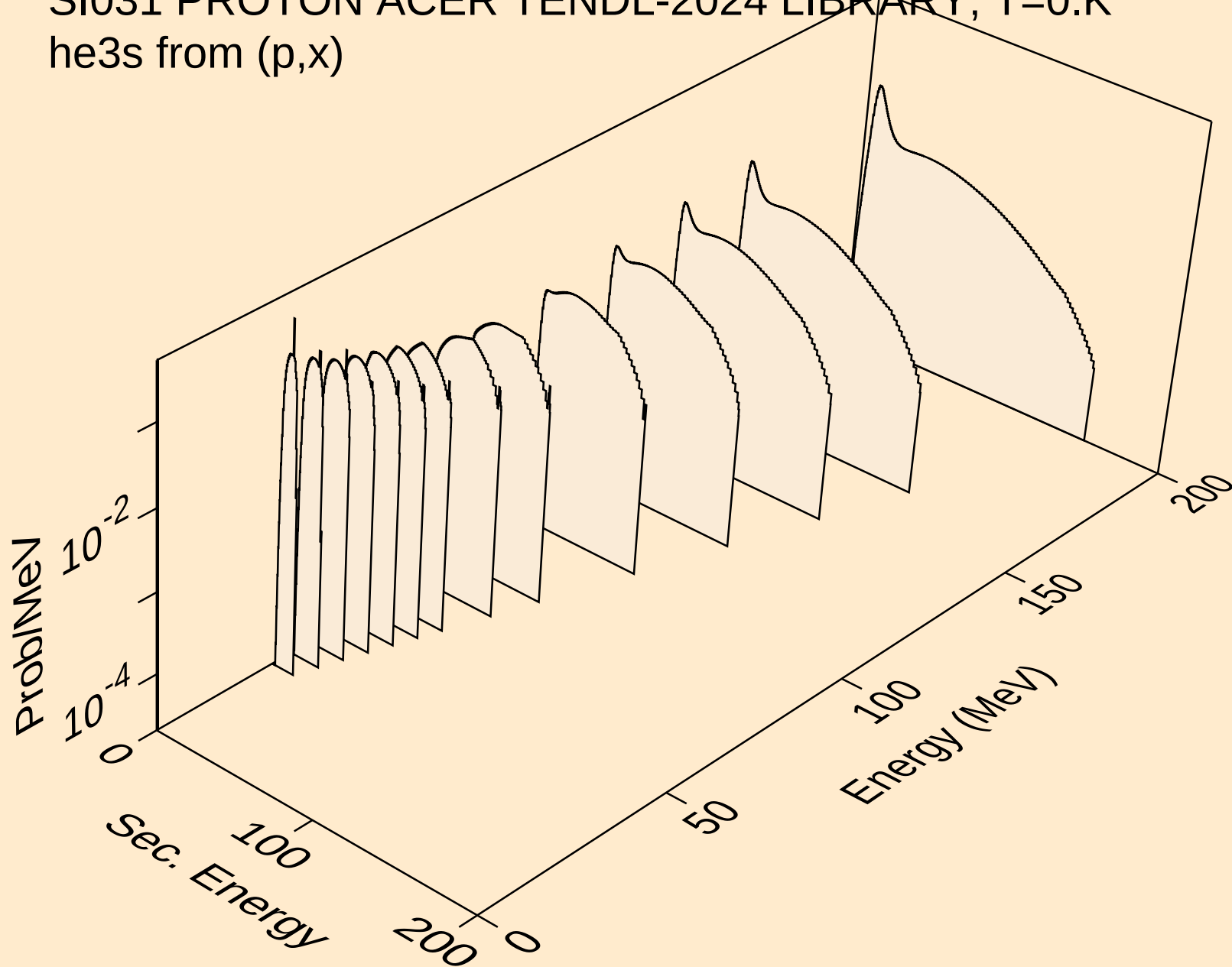
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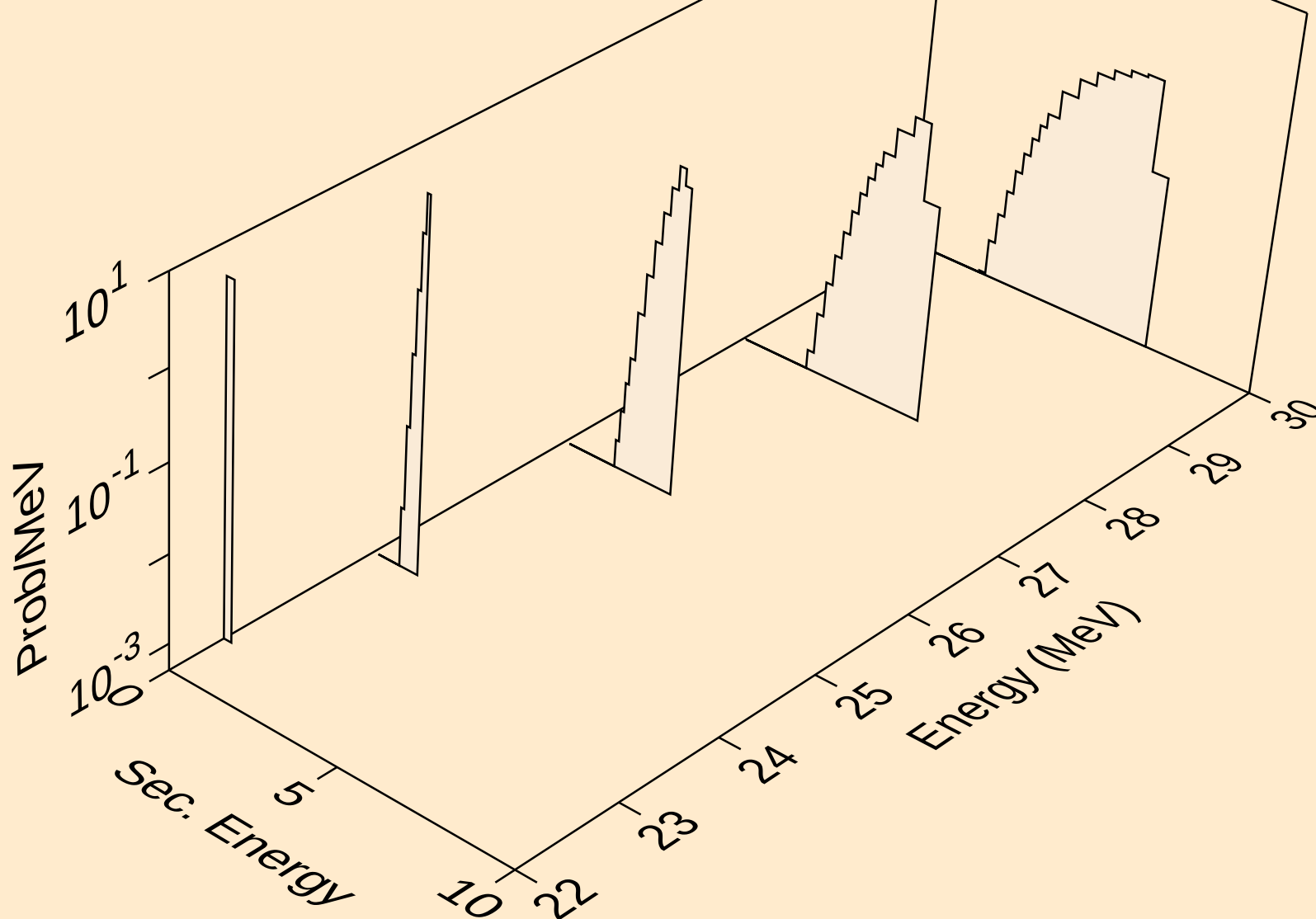
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tritons from (p,pt)



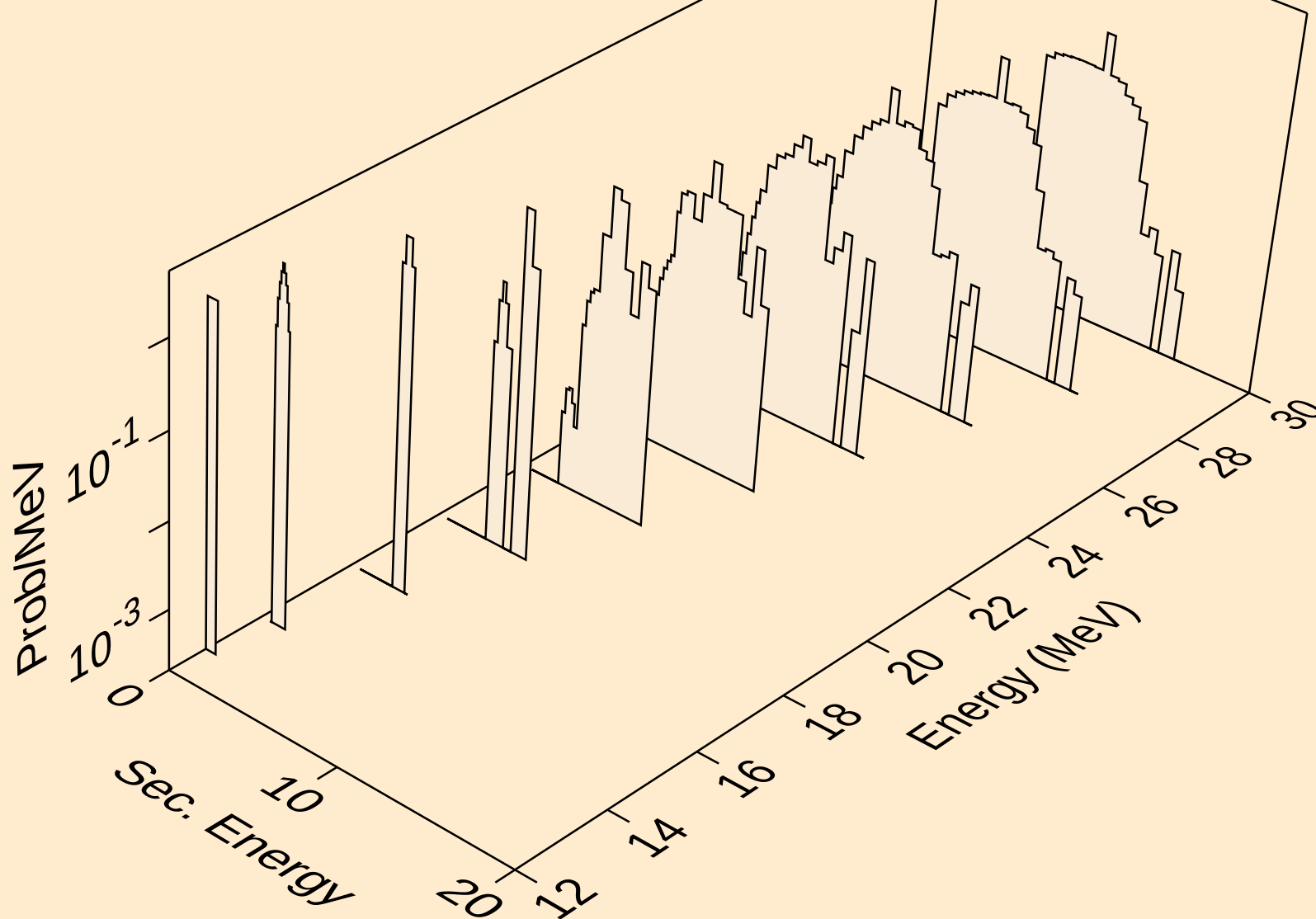
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he3s from (p,x)



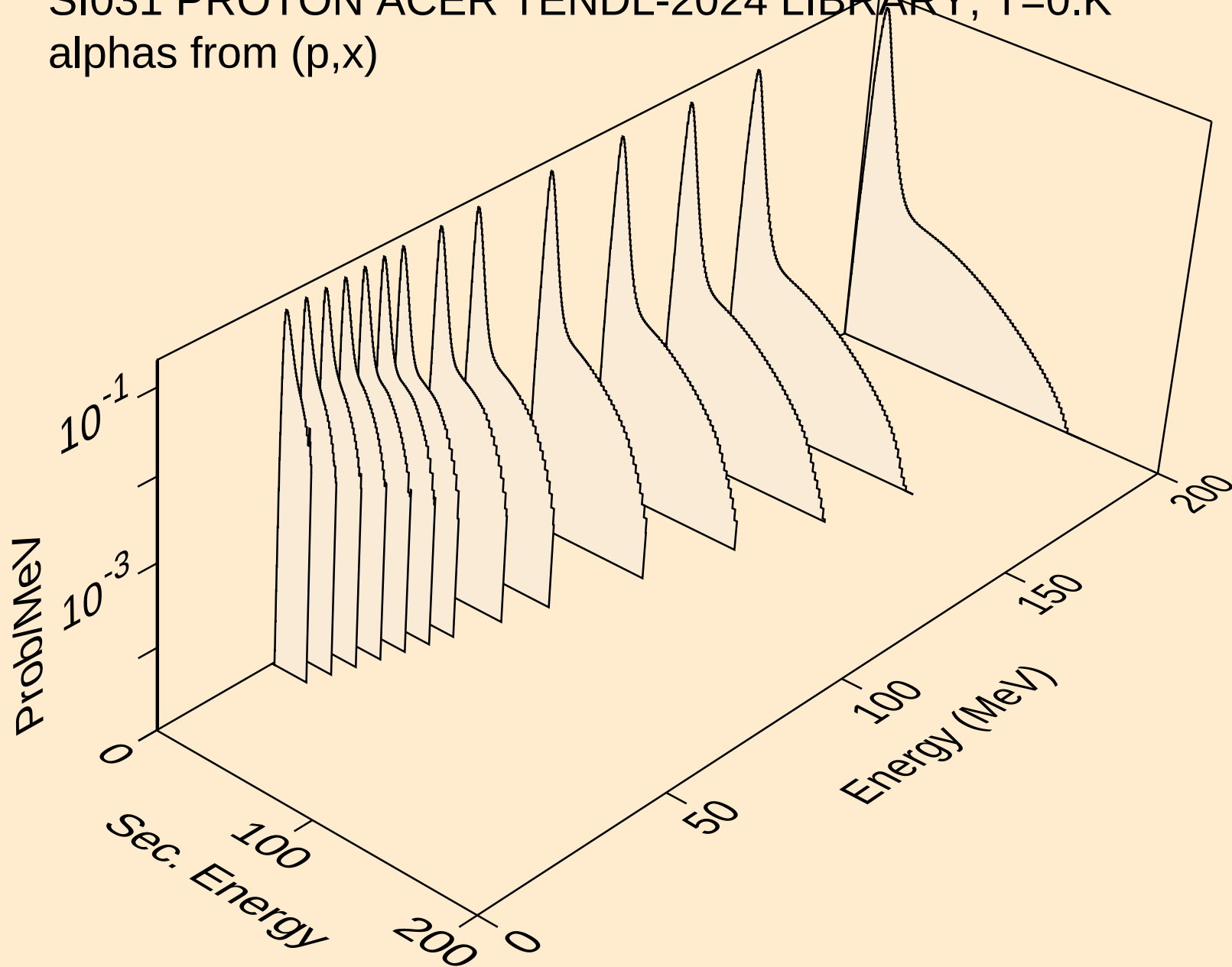
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he3s from (p,n*)he3



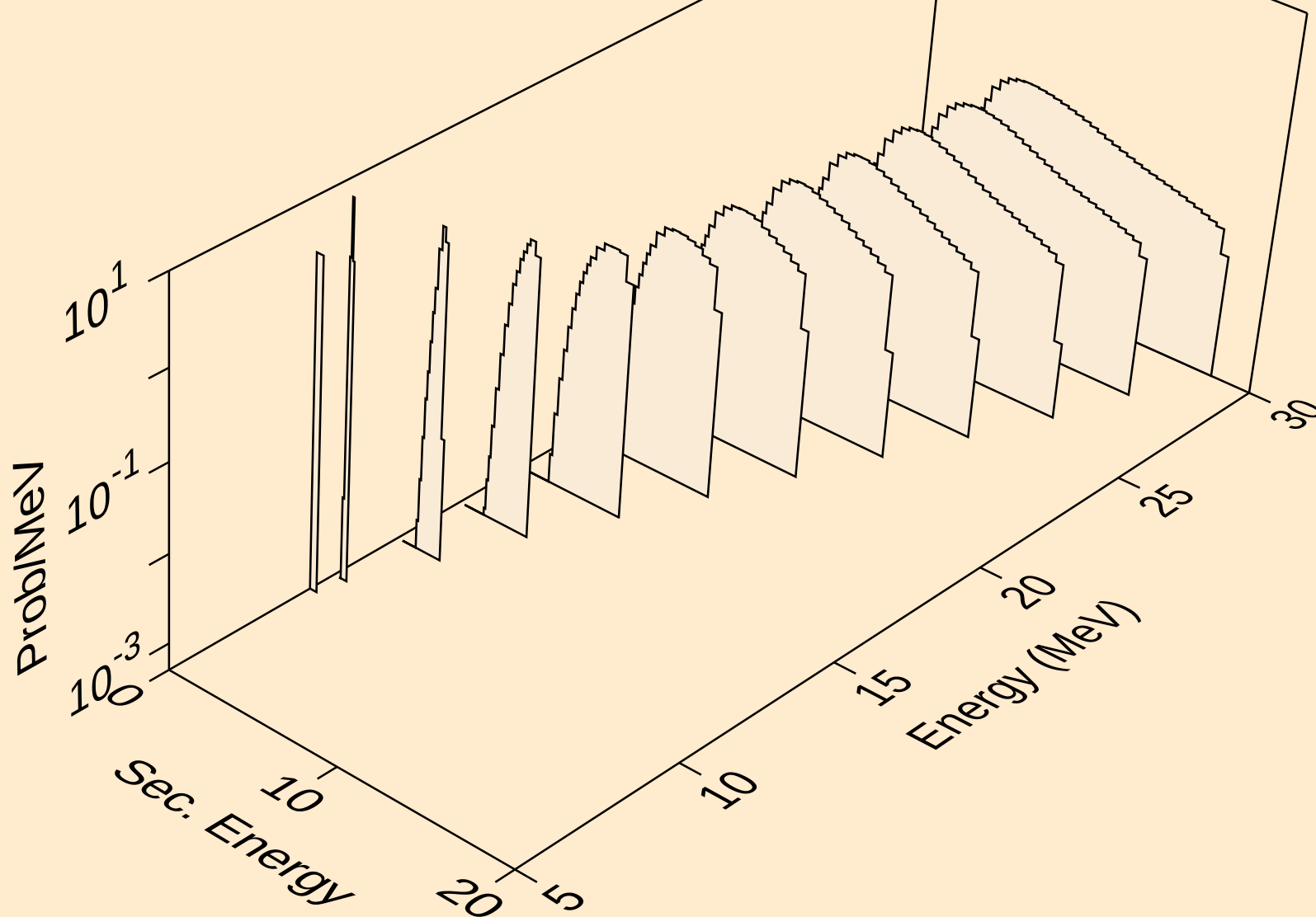
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he3s from (p,he3)



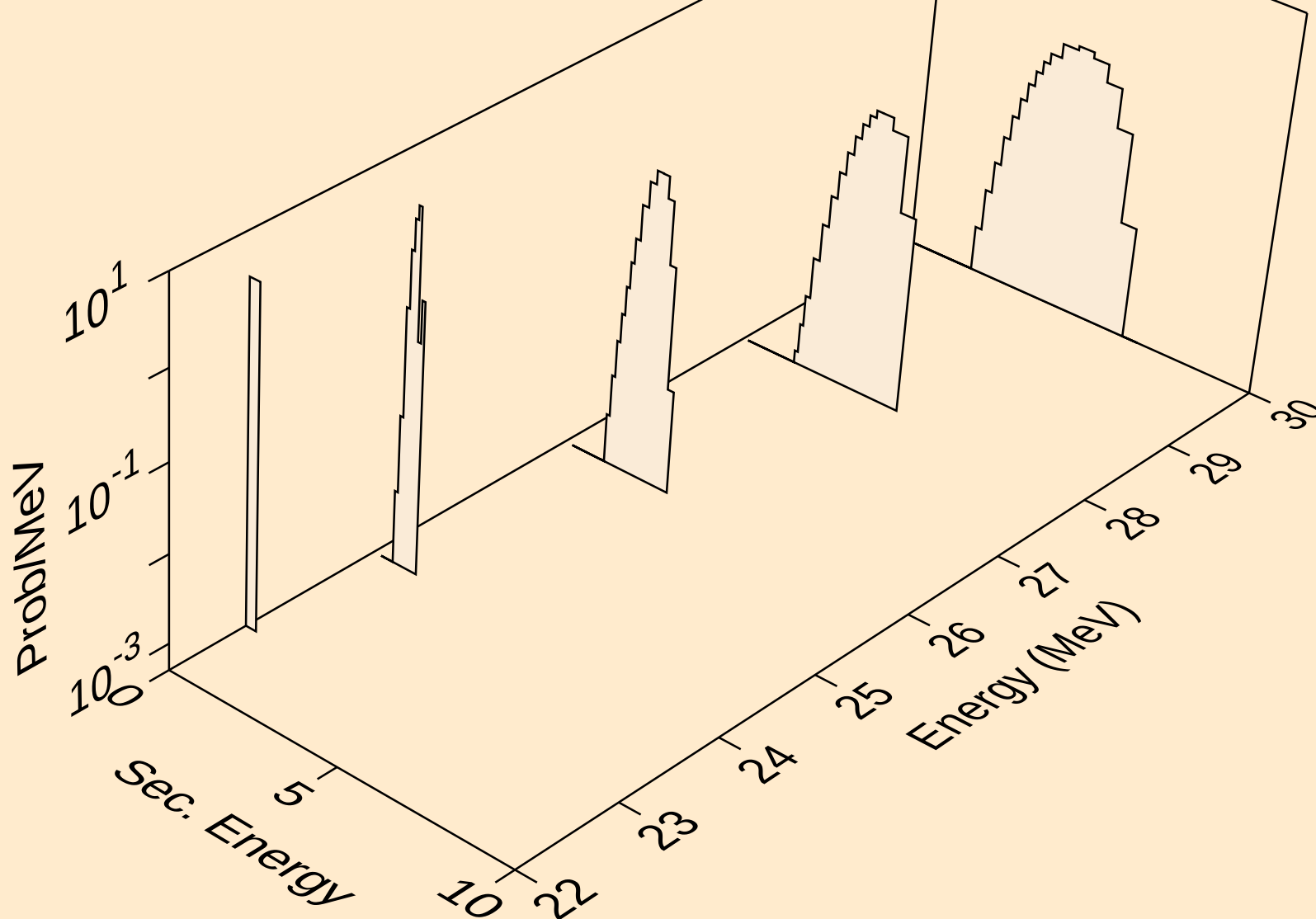
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,x)



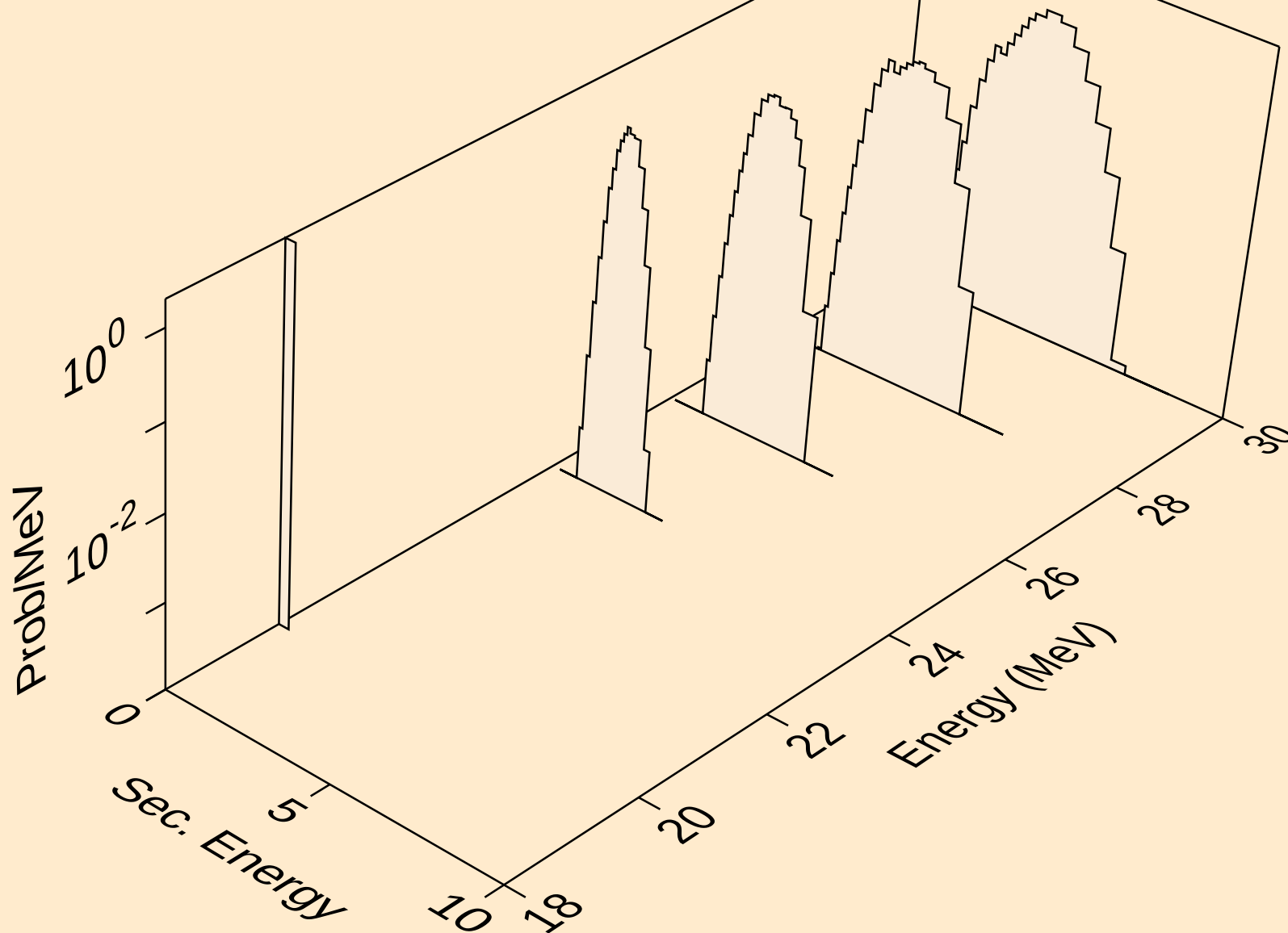
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alphas from (p,n*)a



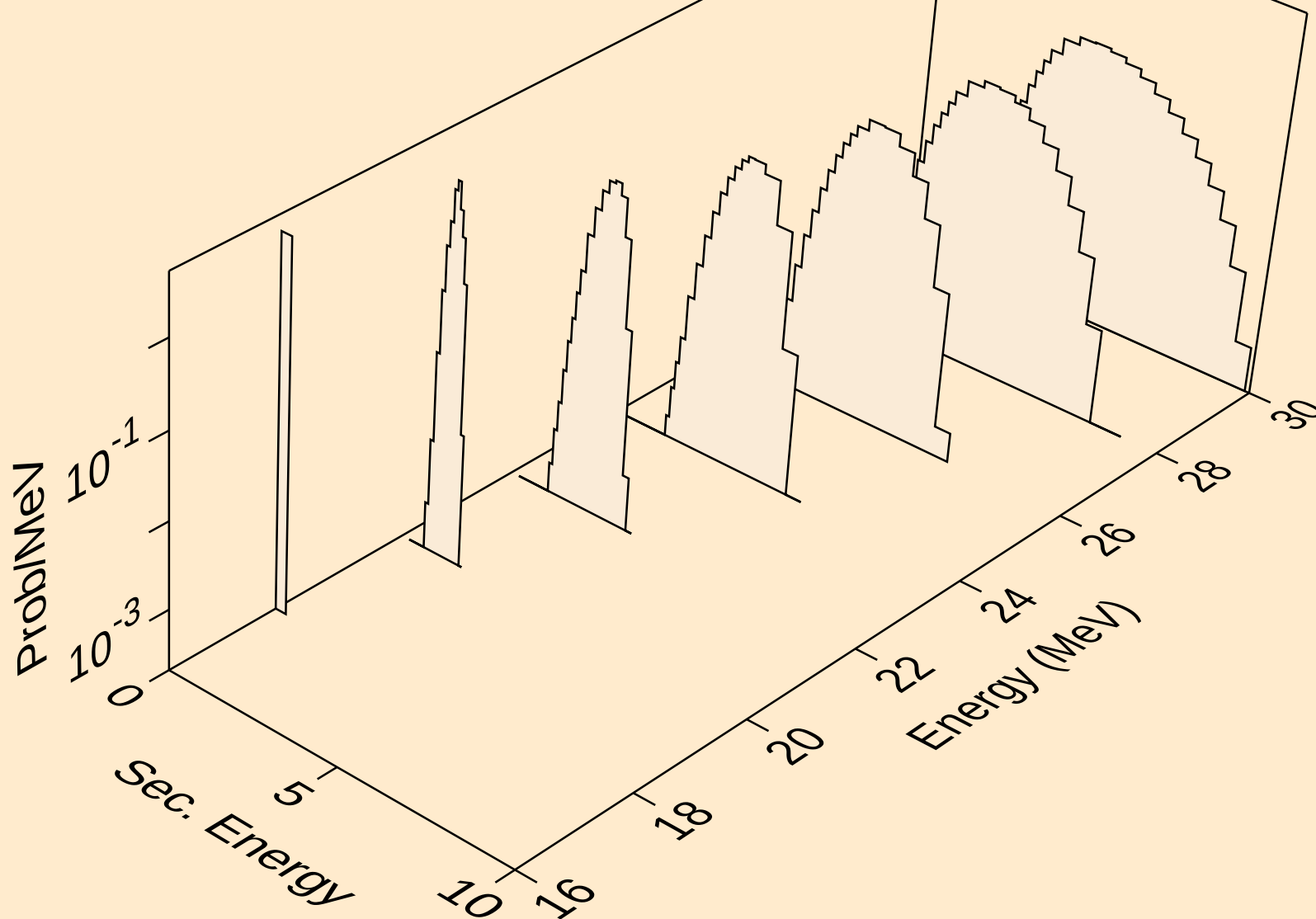
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2n)a



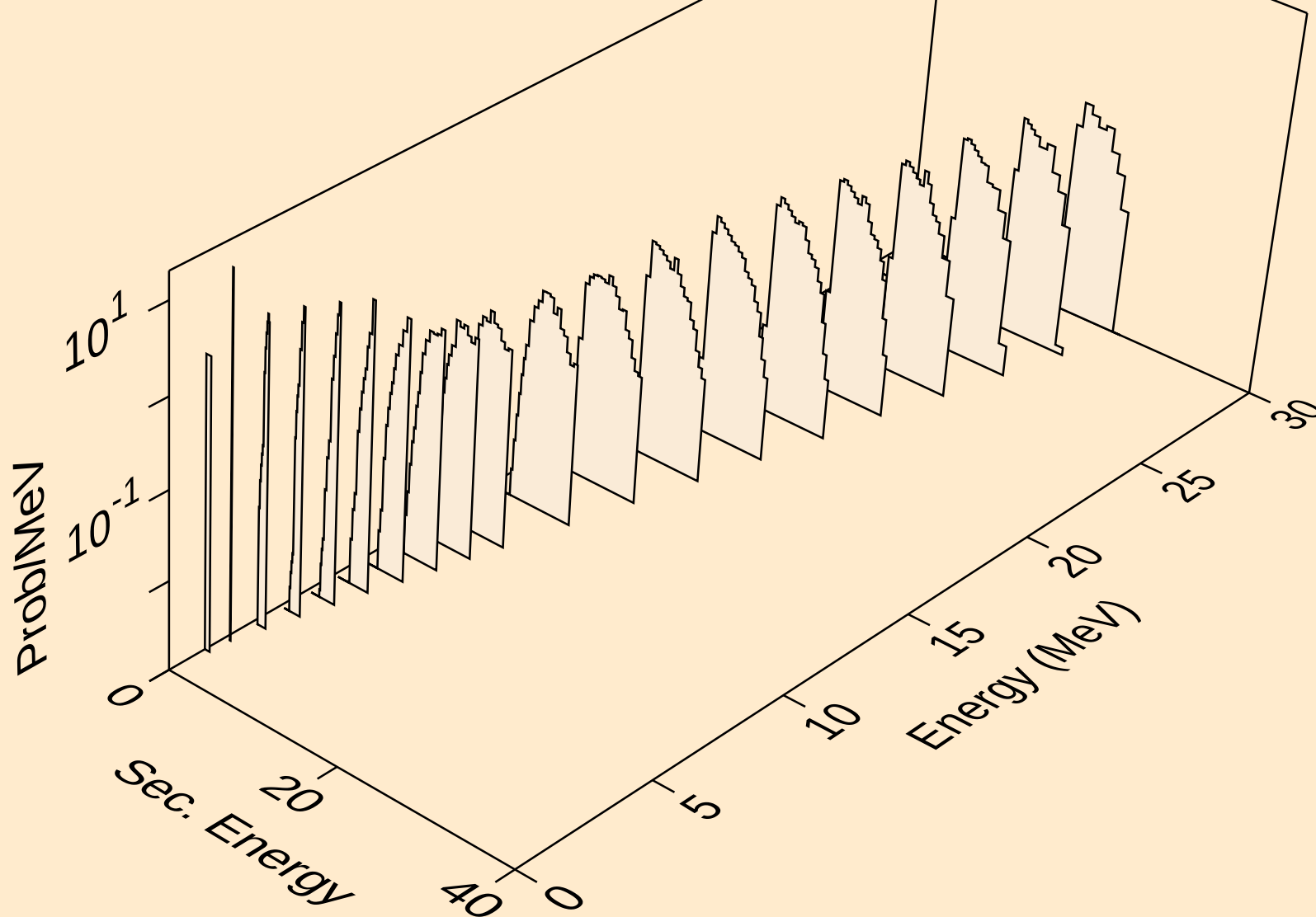
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alphas from (p,n*)2a



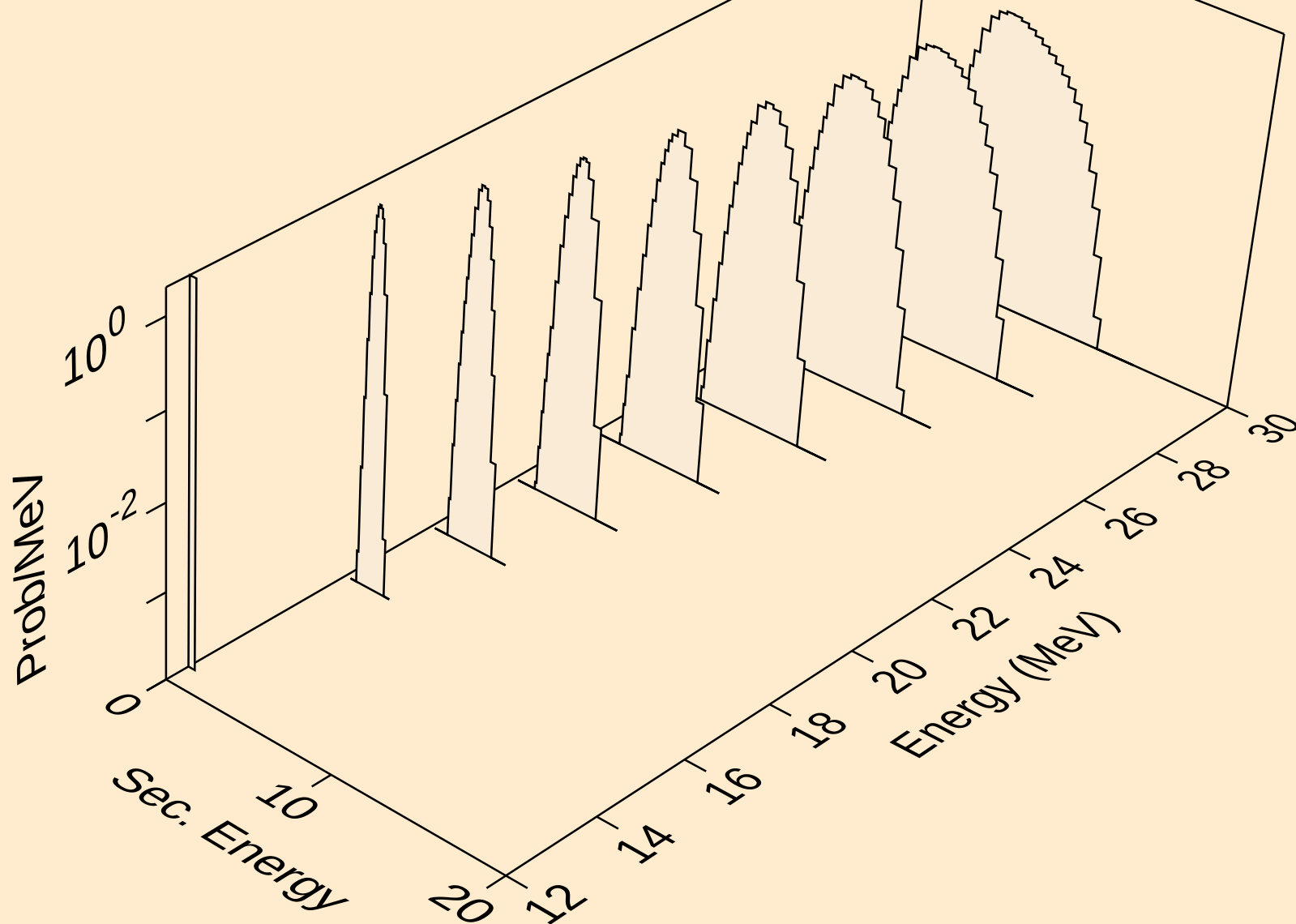
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,npa)



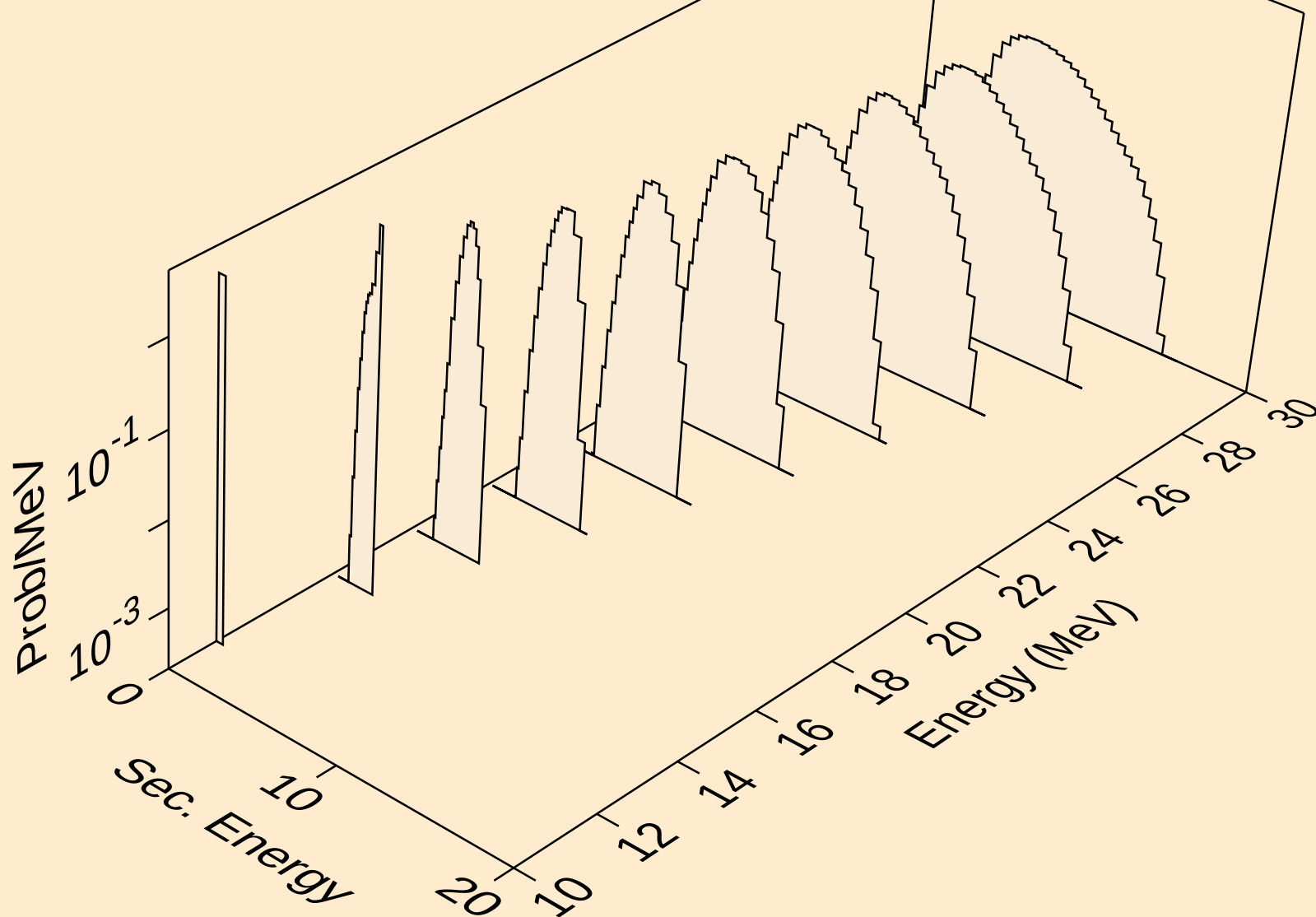
SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,a)



SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2a)



SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,pa)



SI031 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,da)

