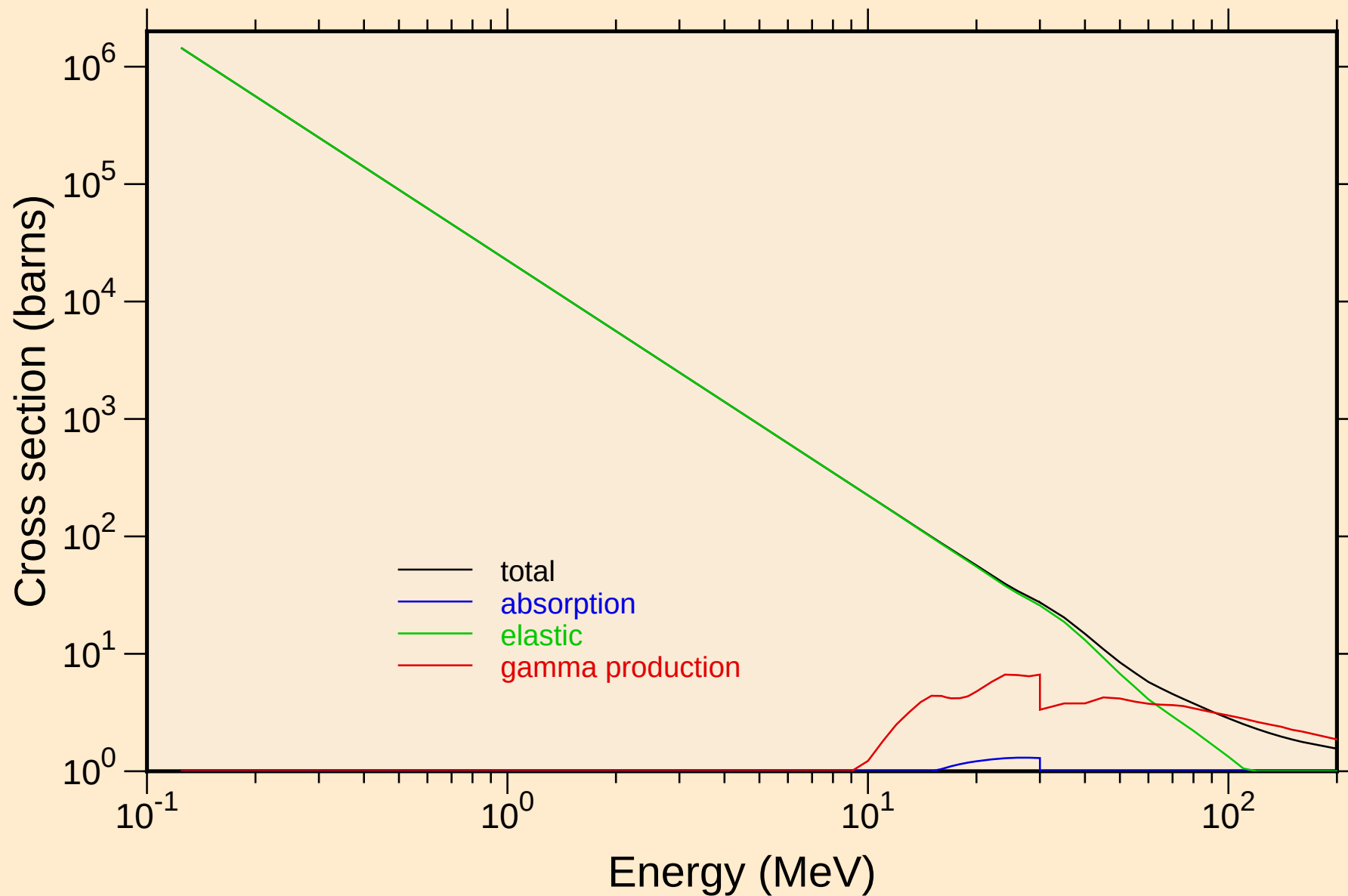


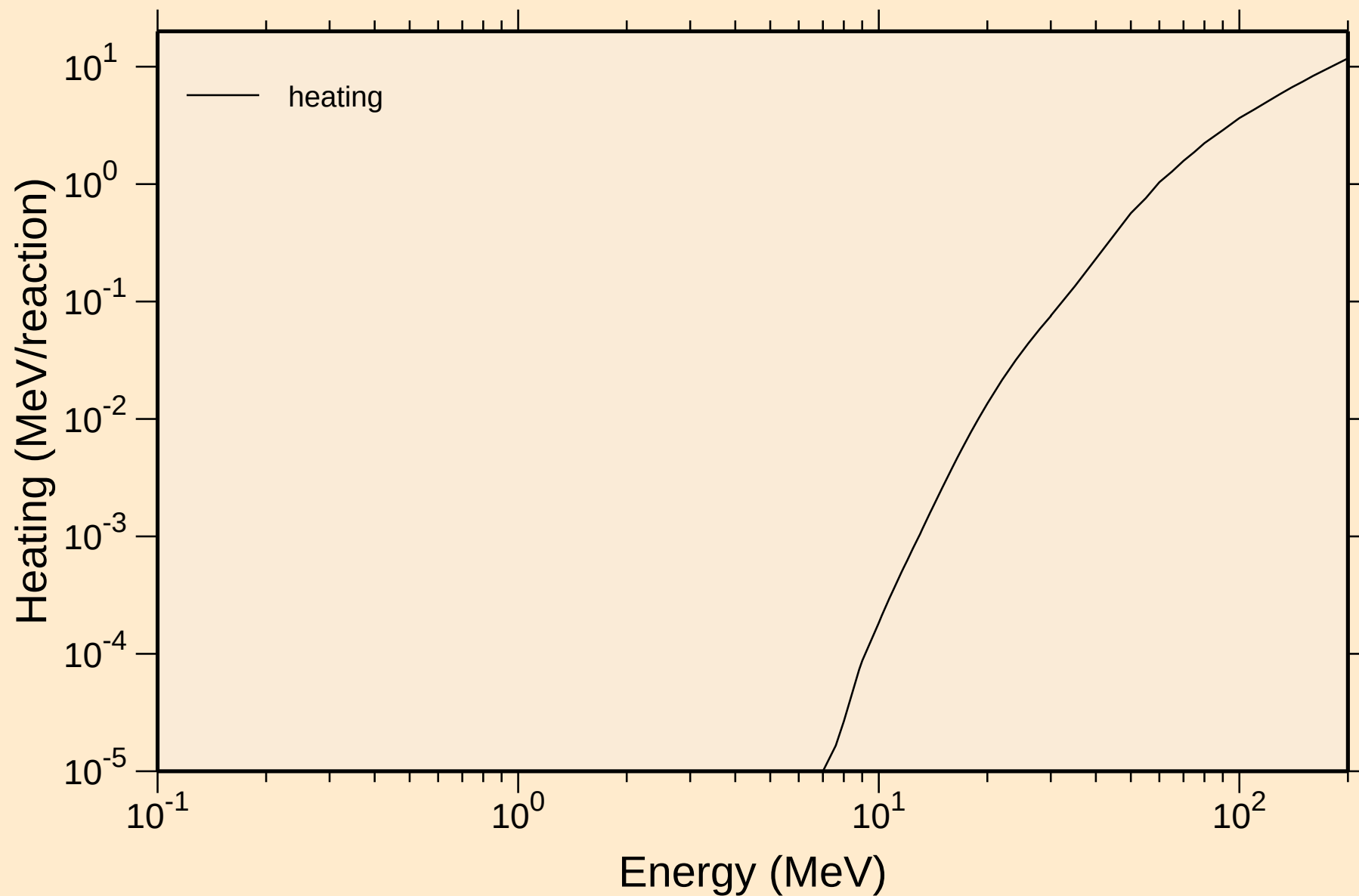
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



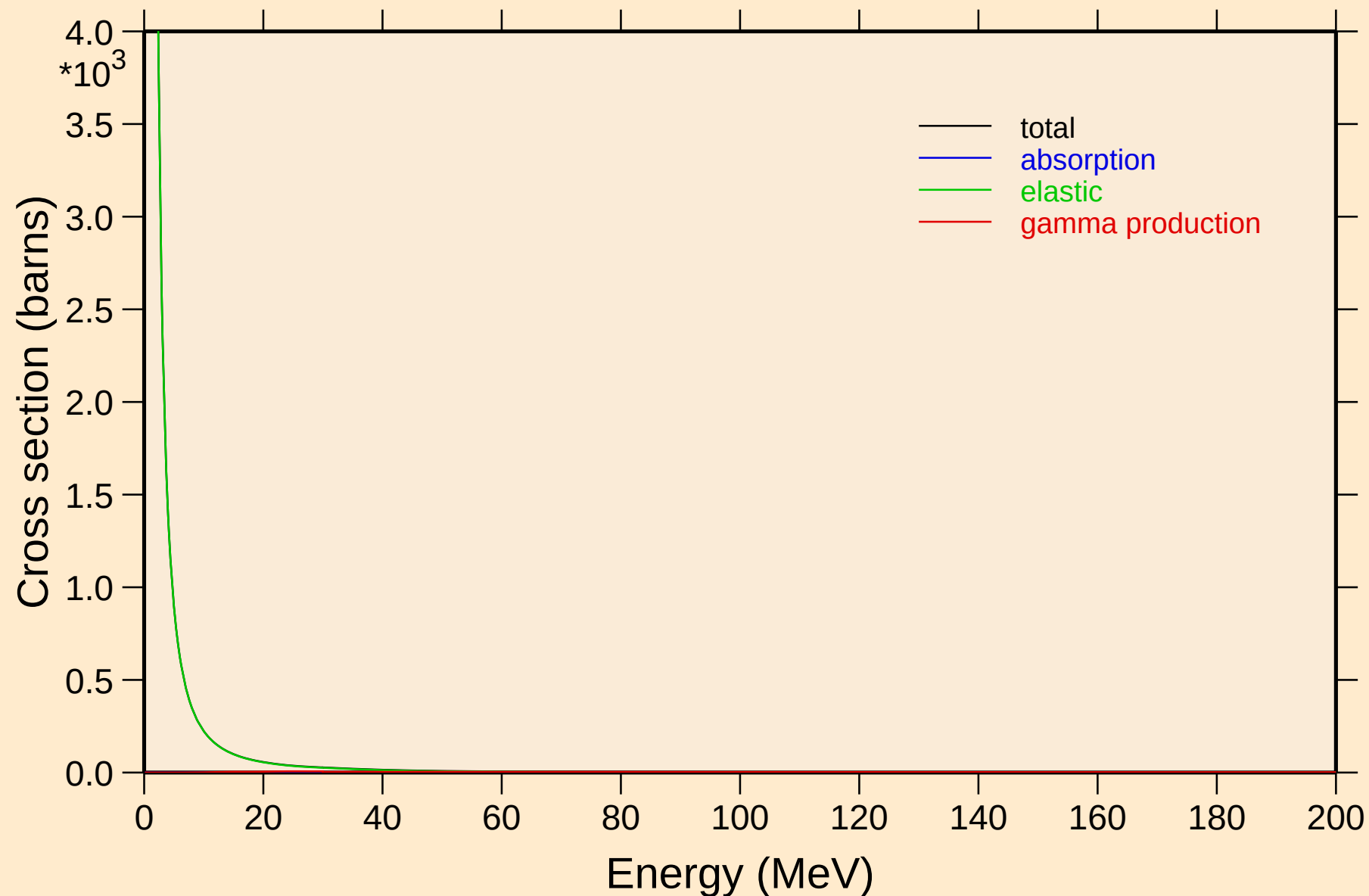
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



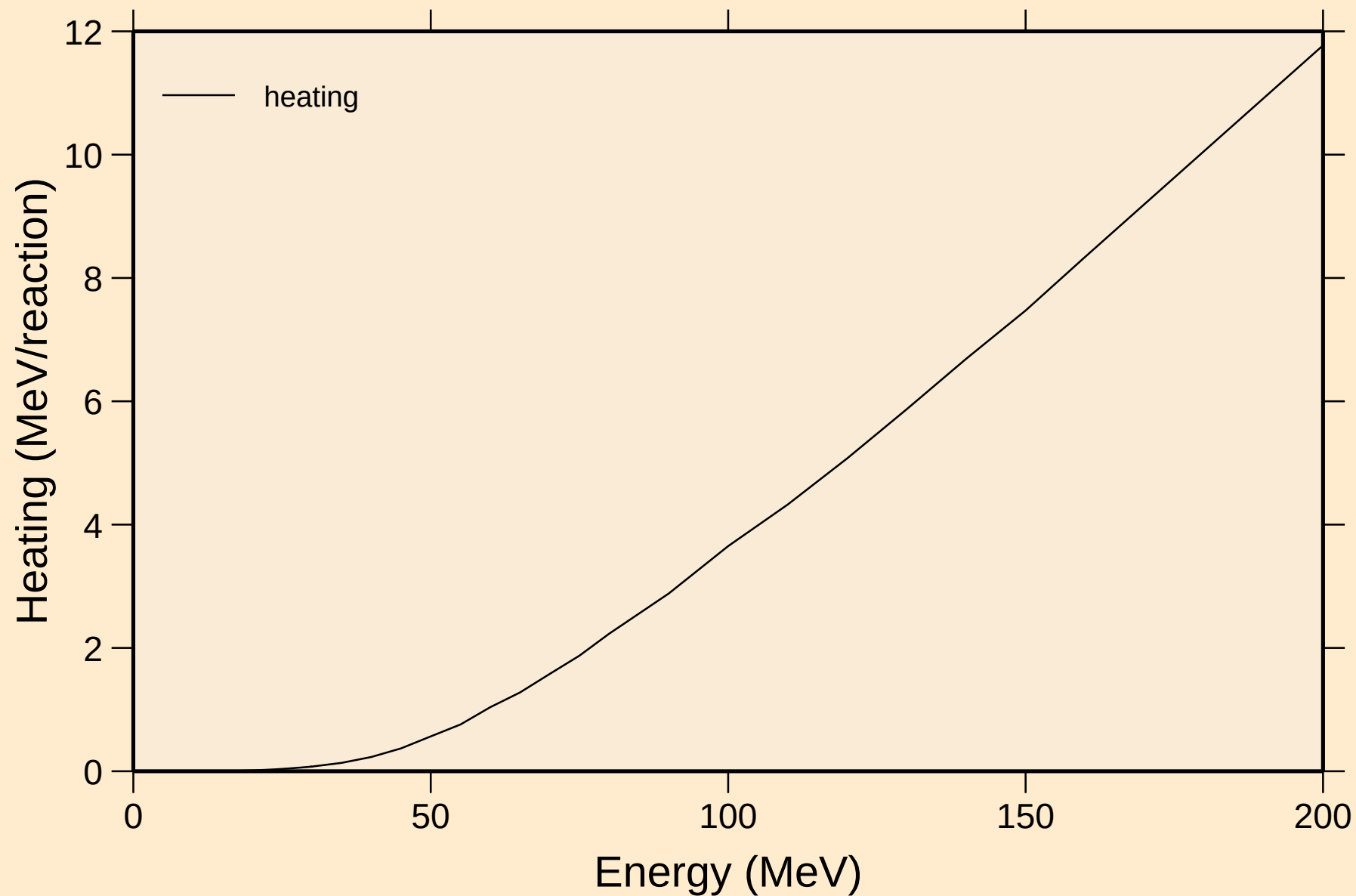
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Principal cross sections



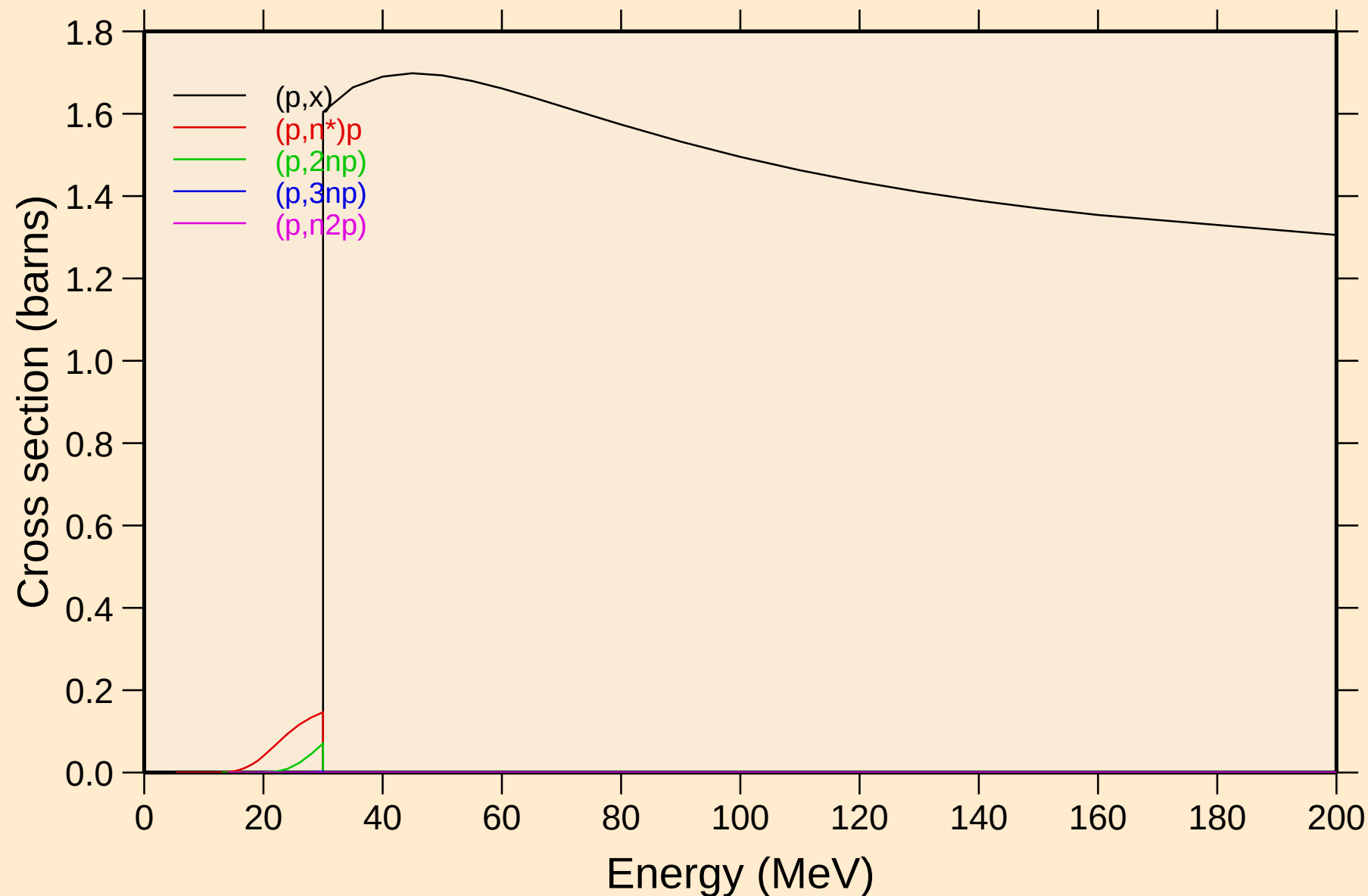
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Heating



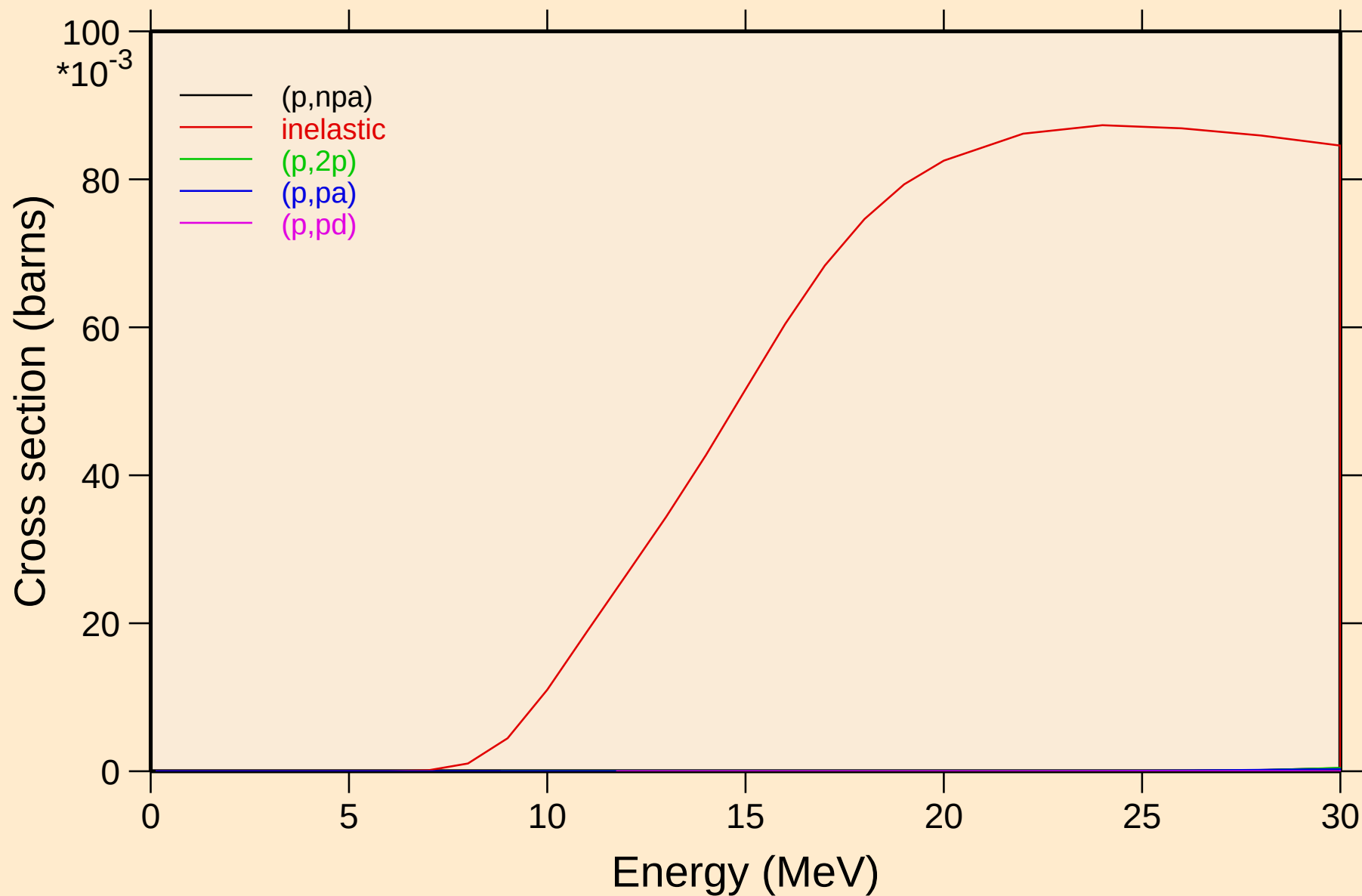
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Threshold reactions

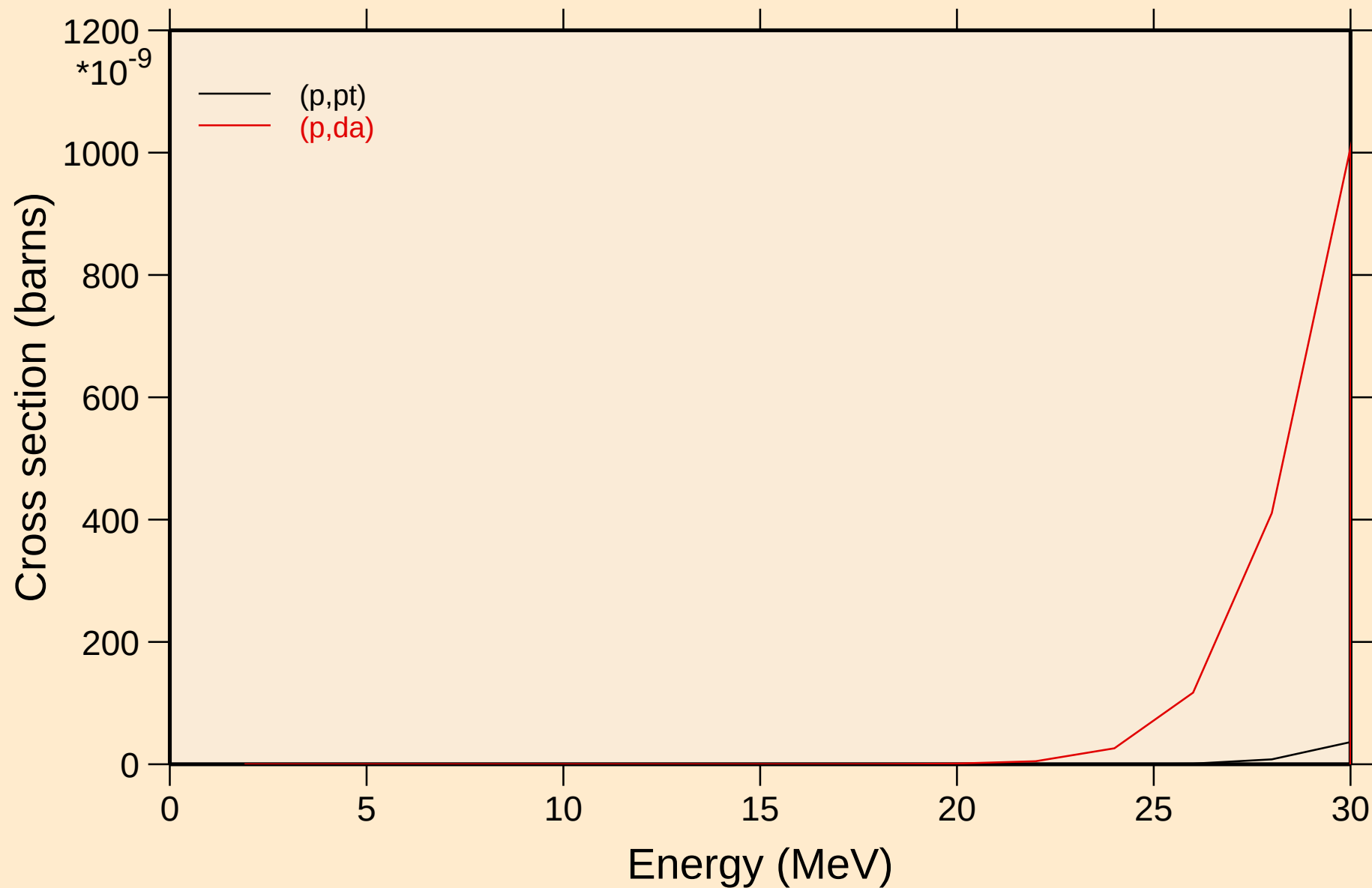


ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K

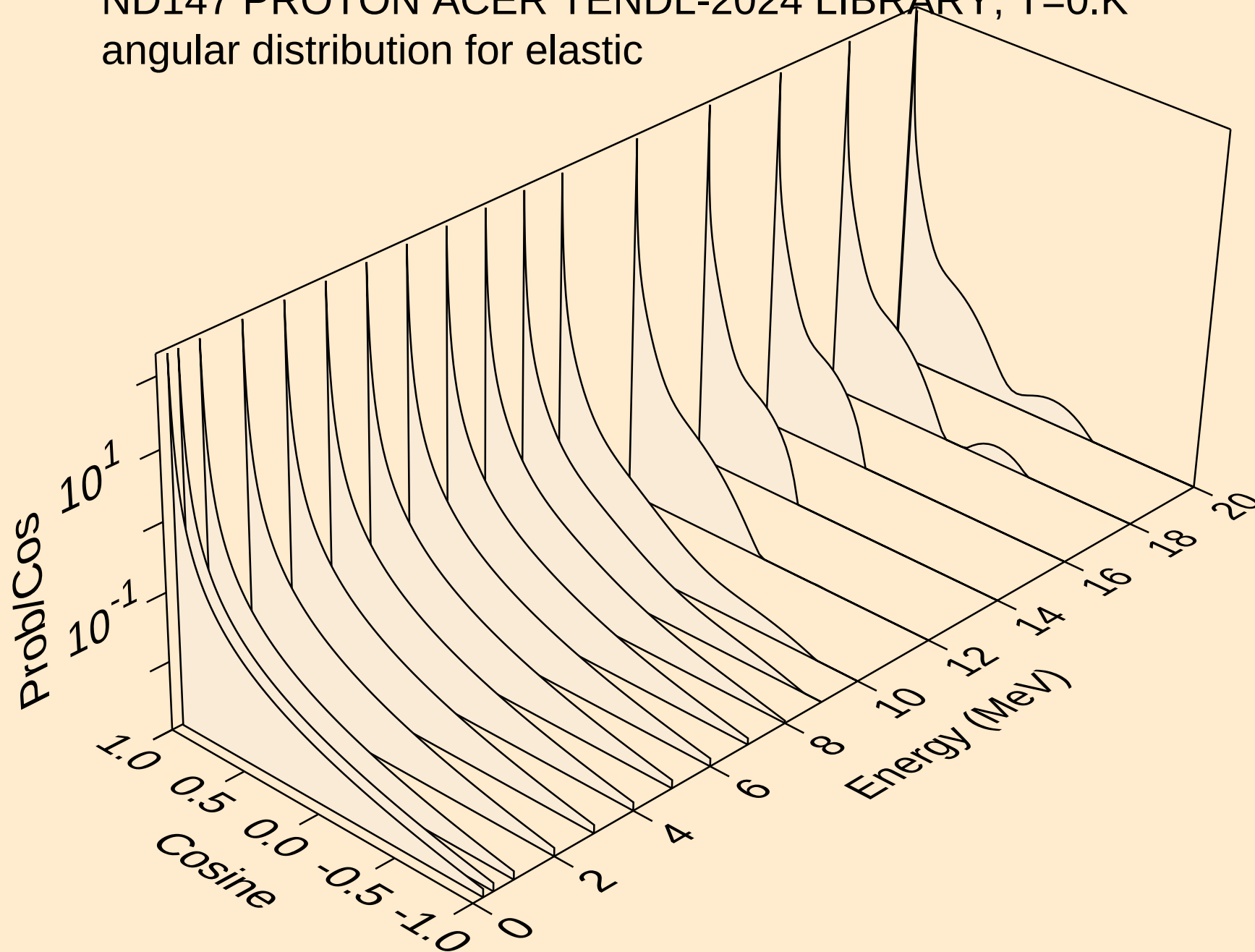
Threshold reactions



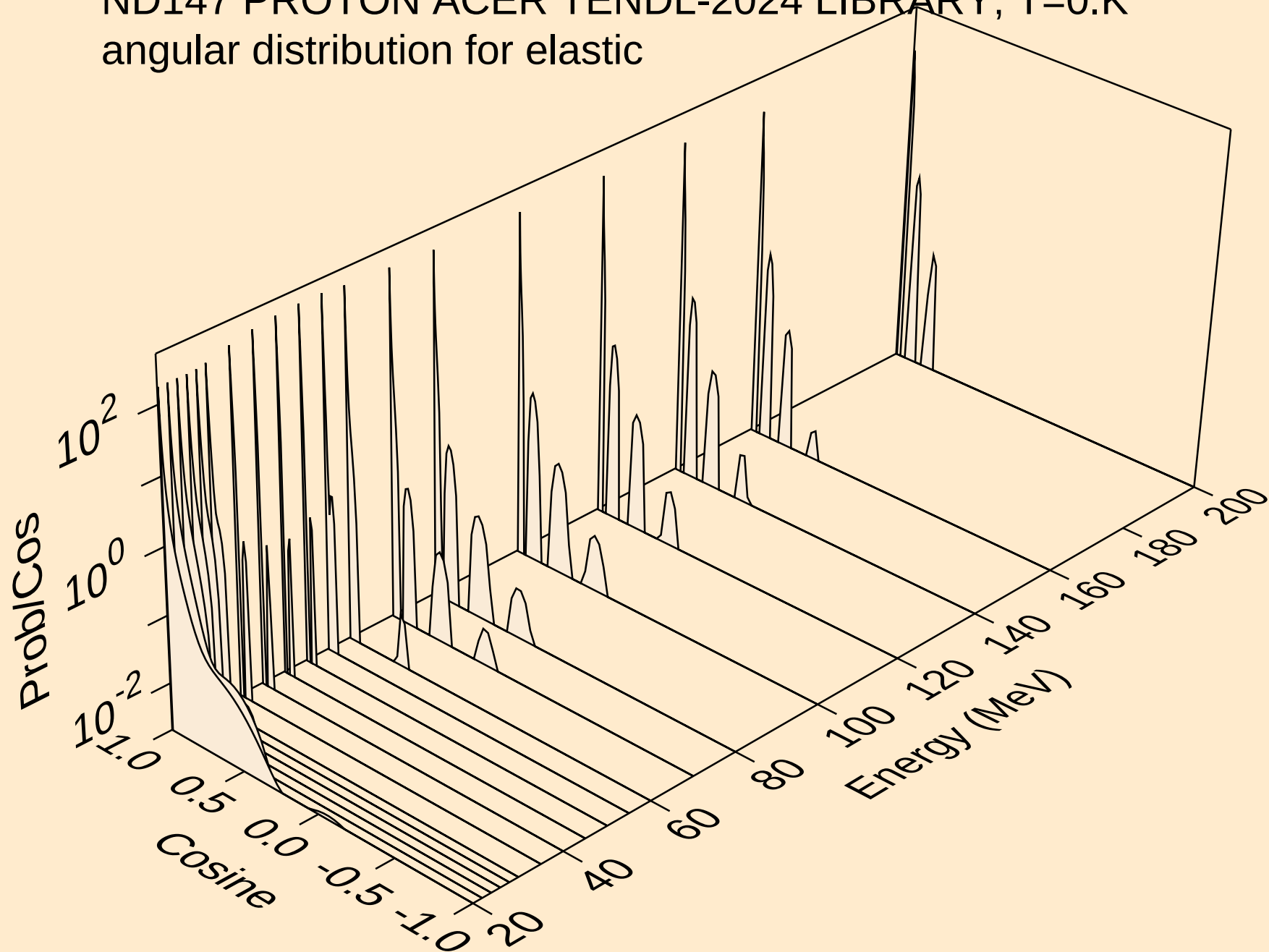
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



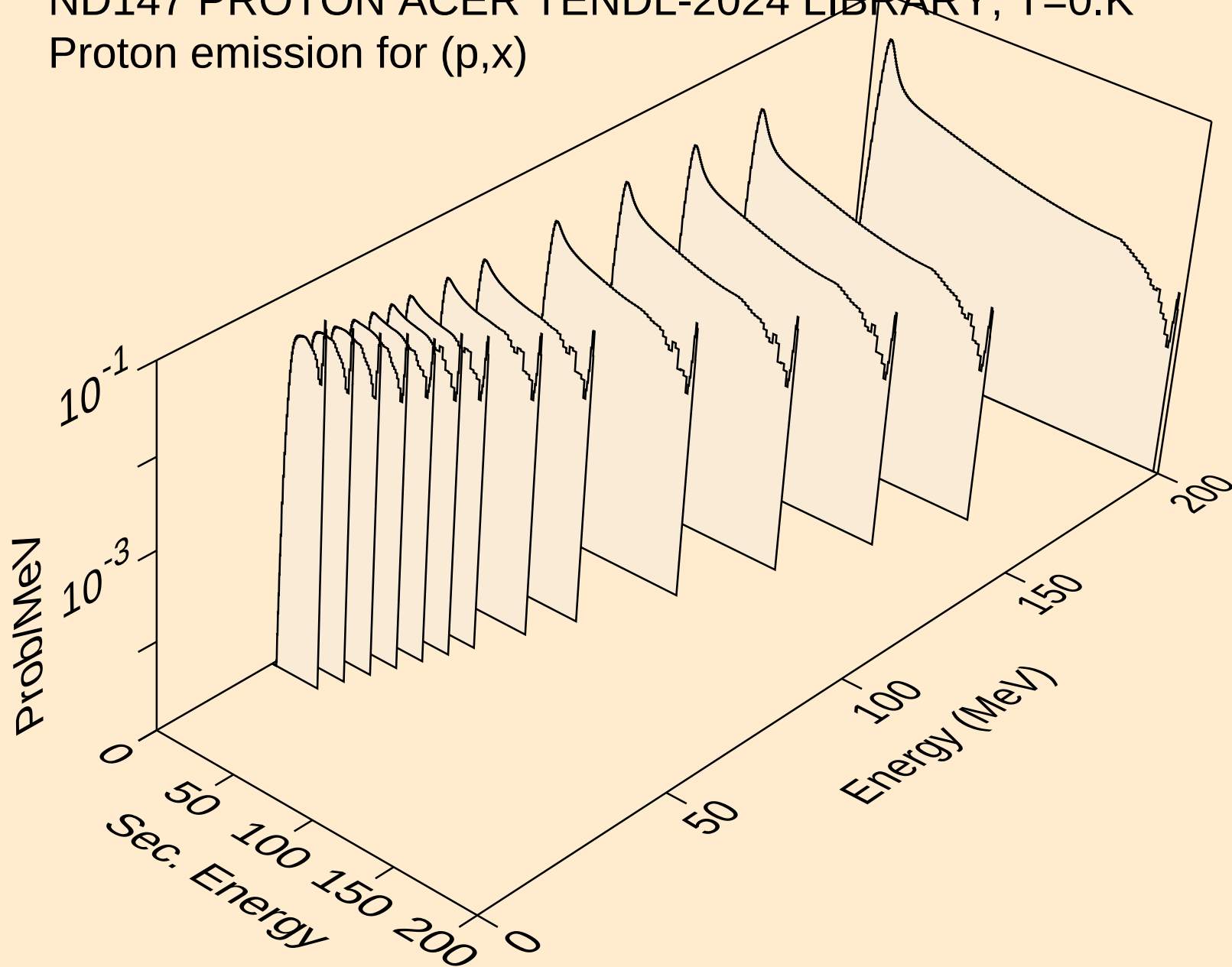
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



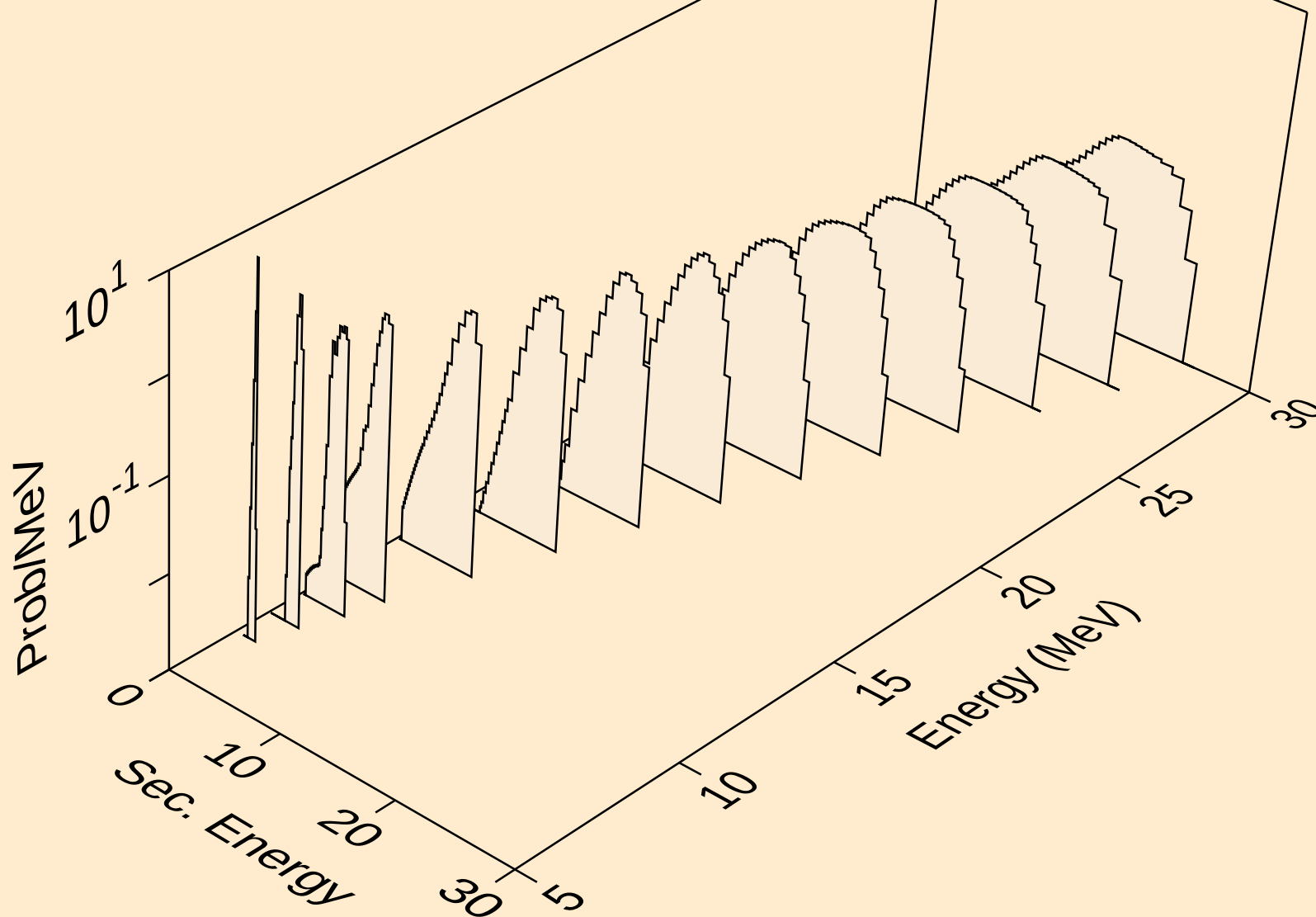
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



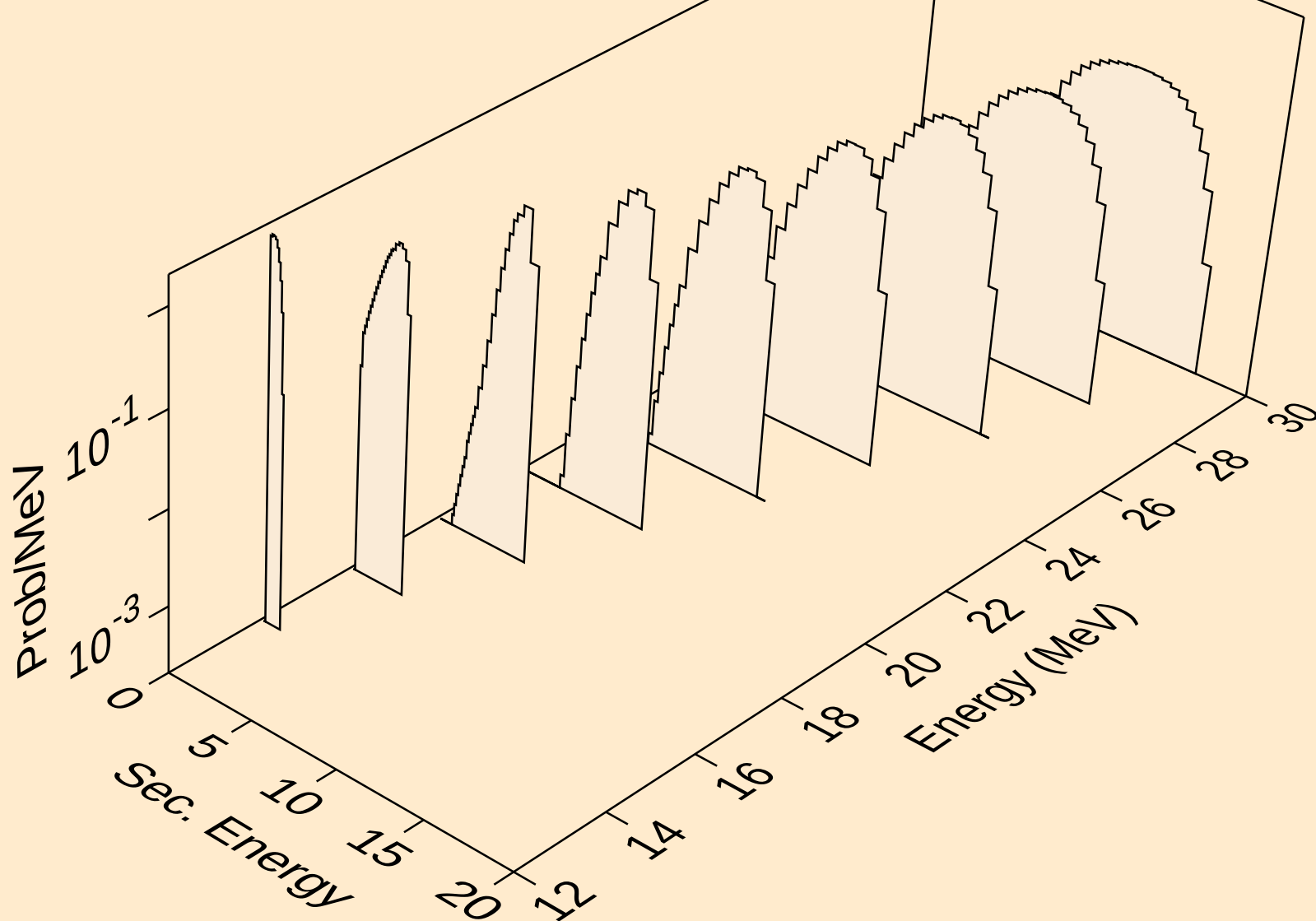
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,x)



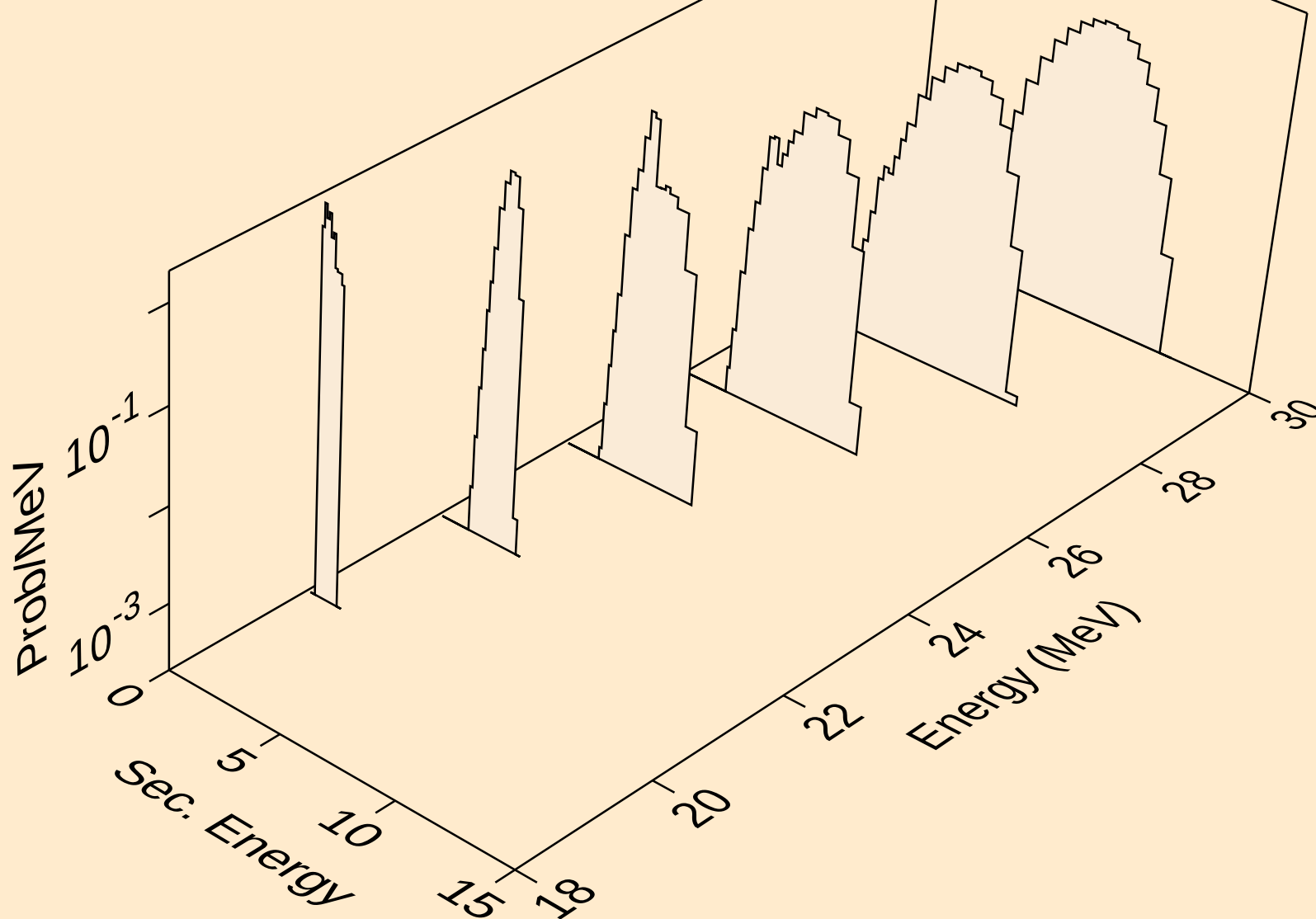
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,n*)p



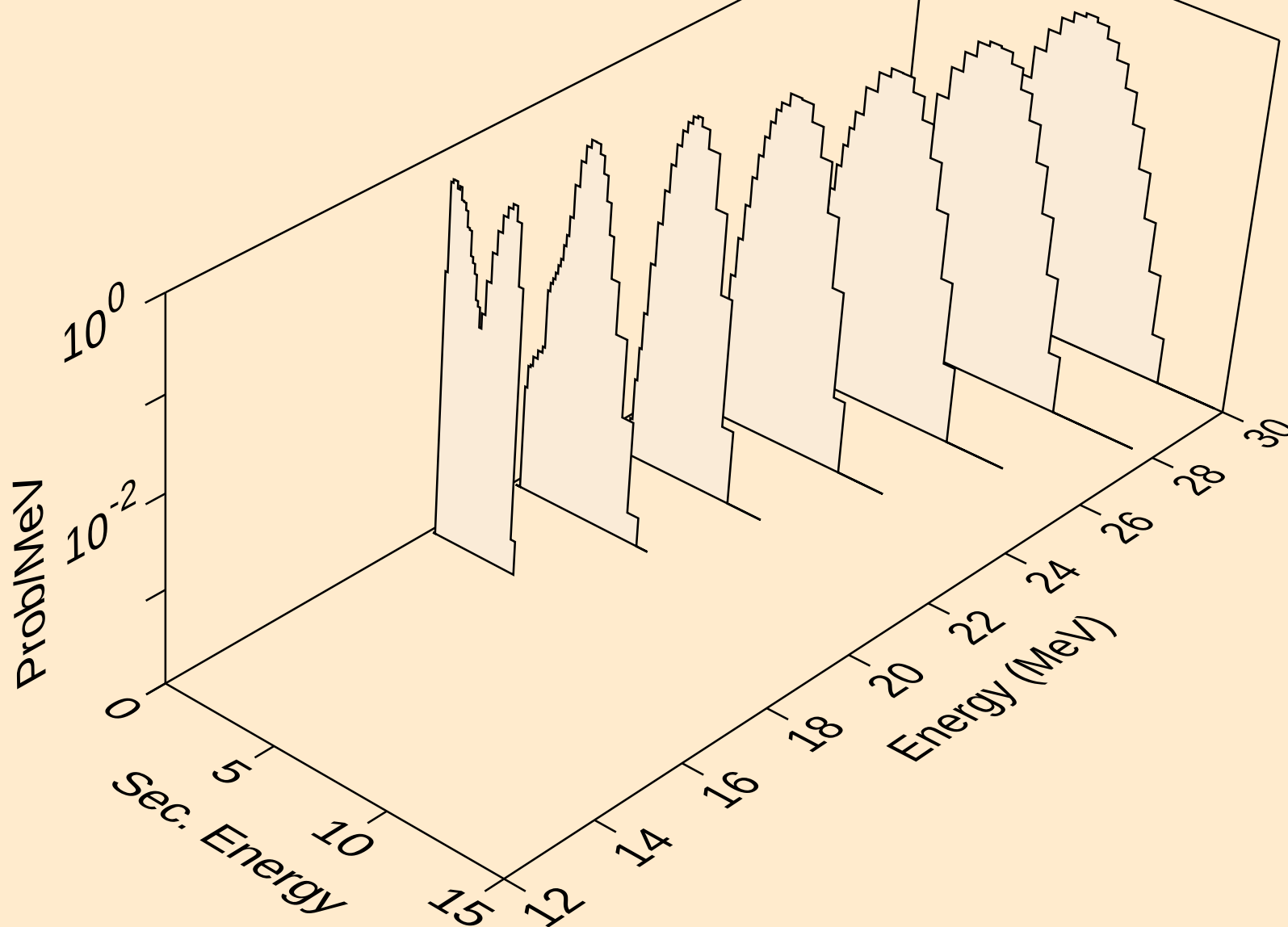
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2np)



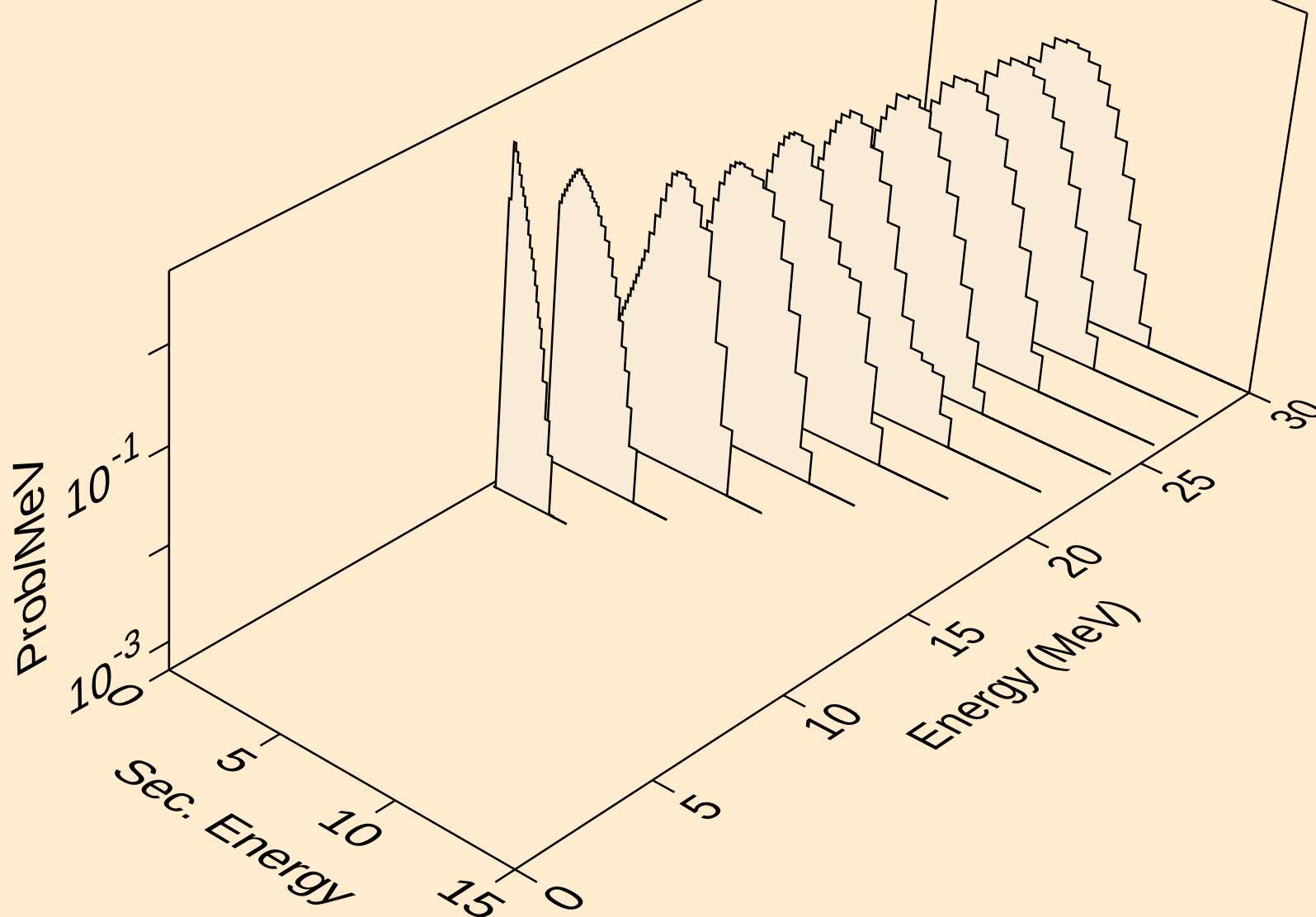
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,3np)



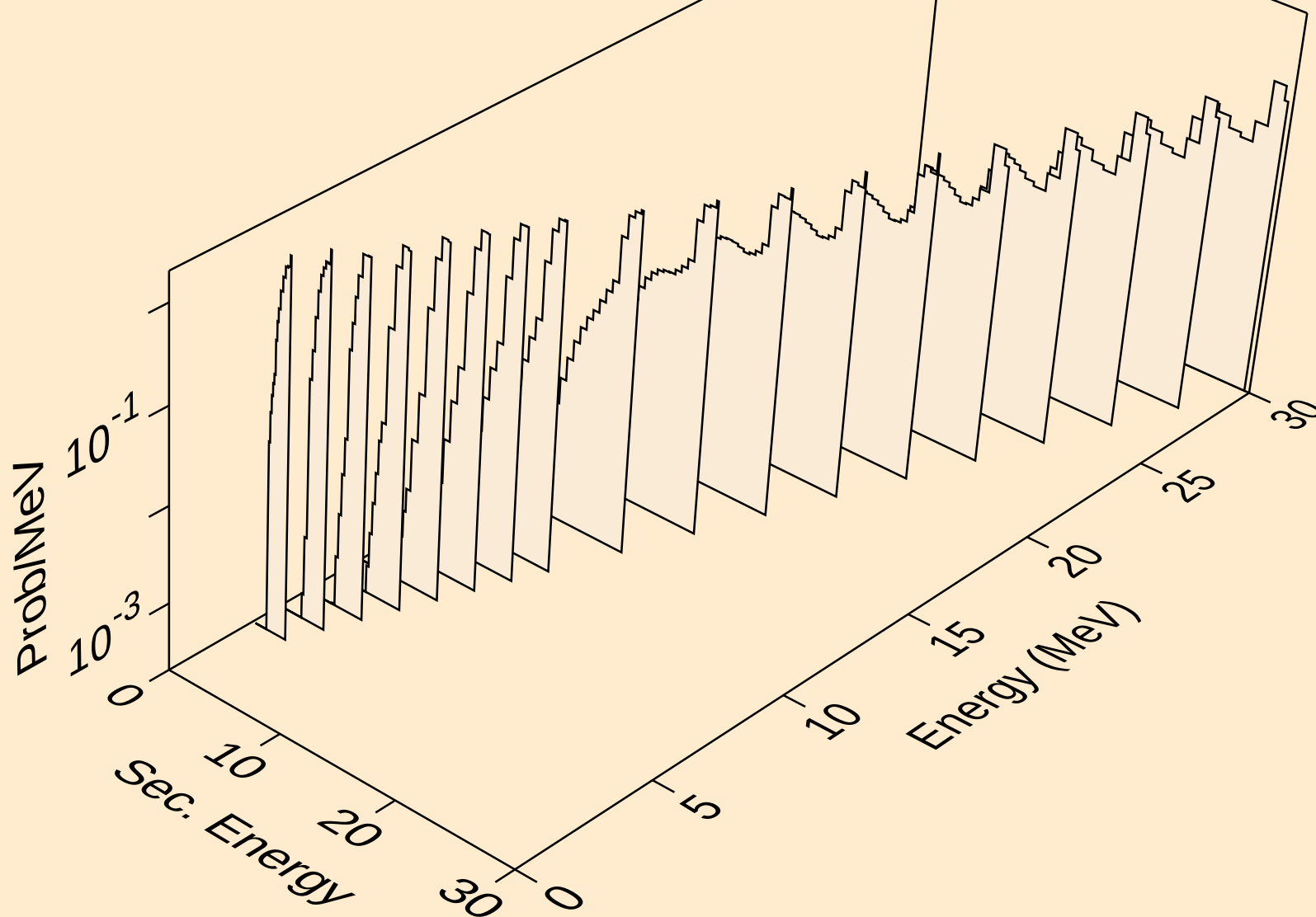
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,n2p)



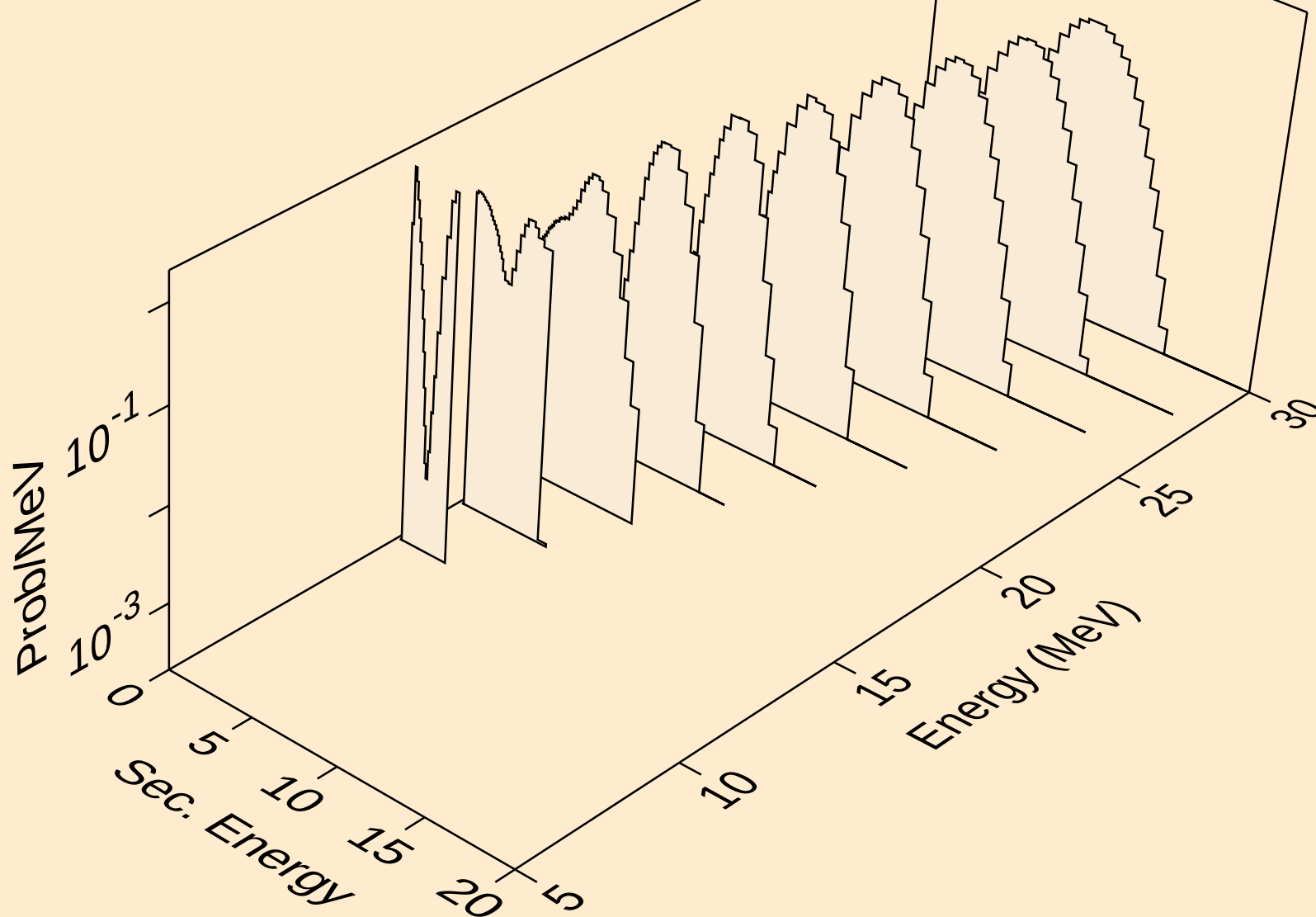
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,npa)



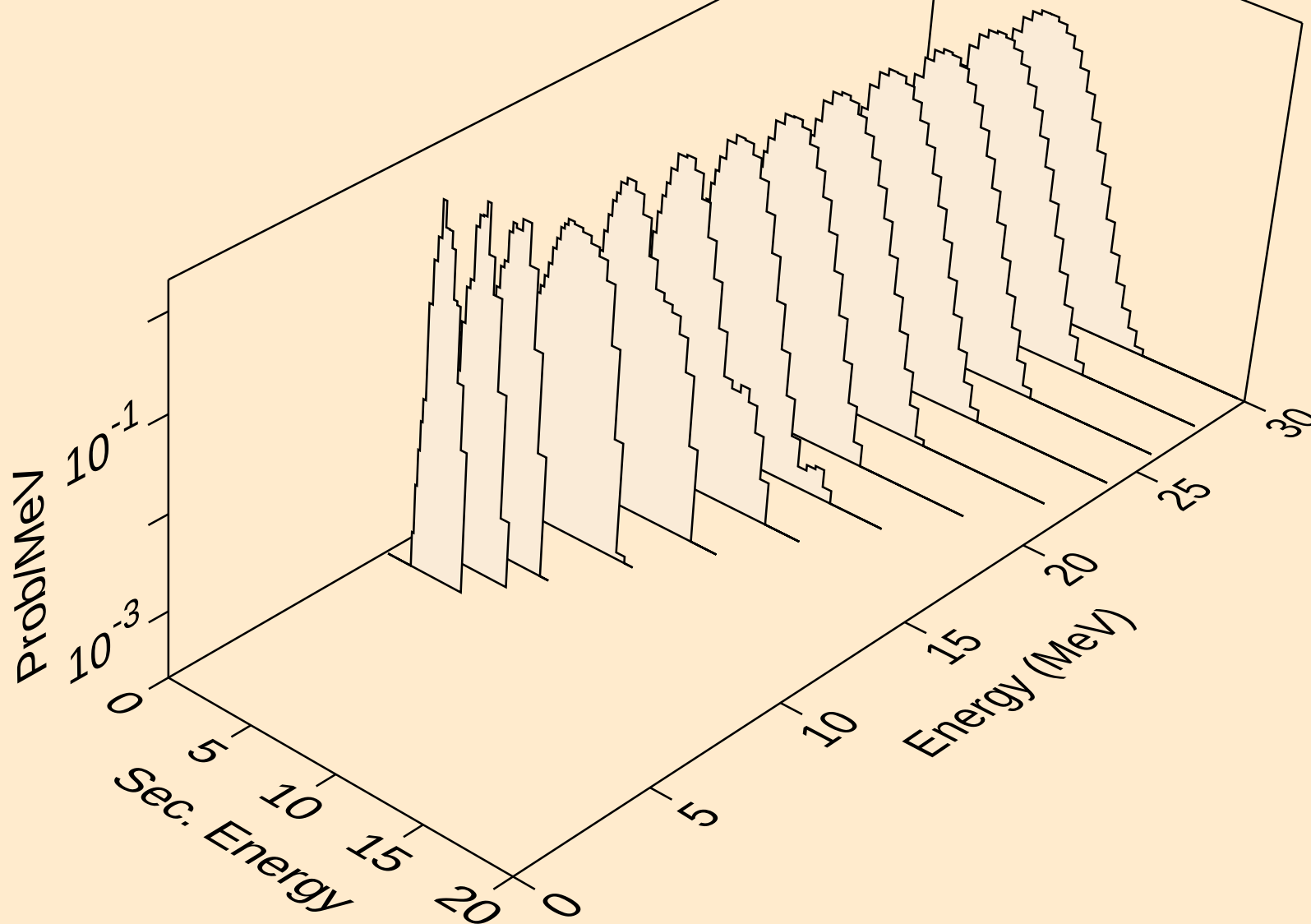
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for inelastic



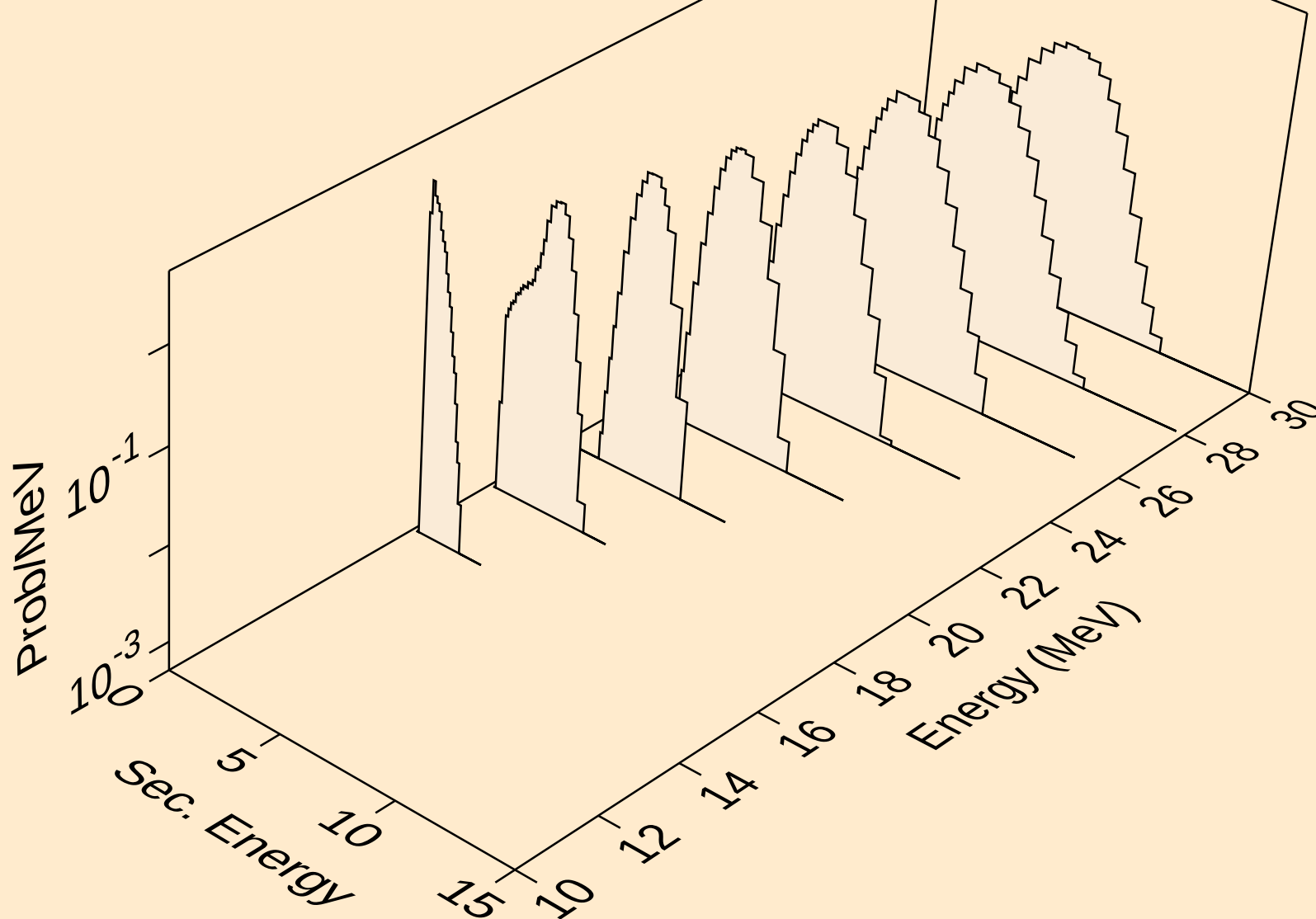
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2p)



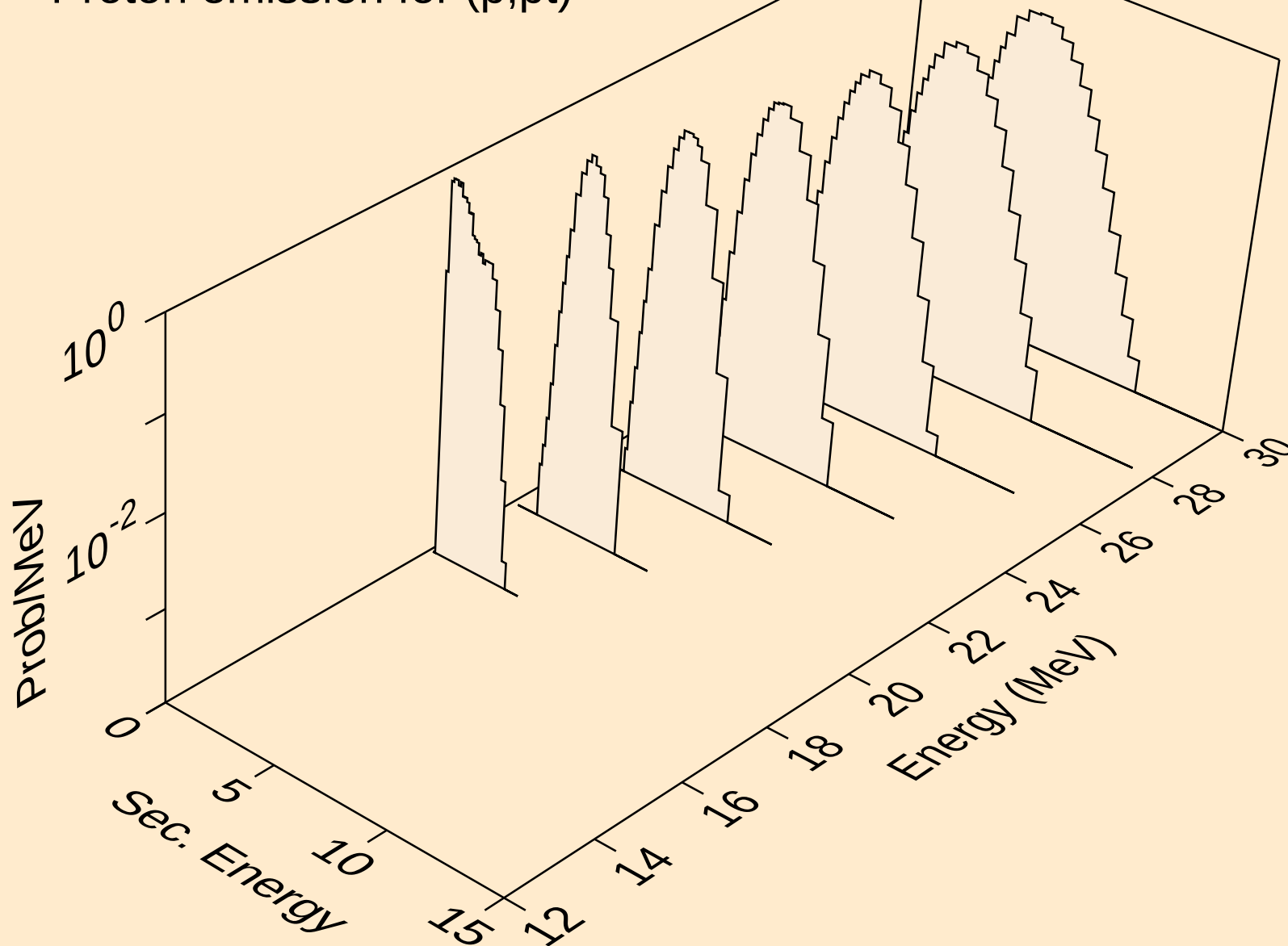
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pa)



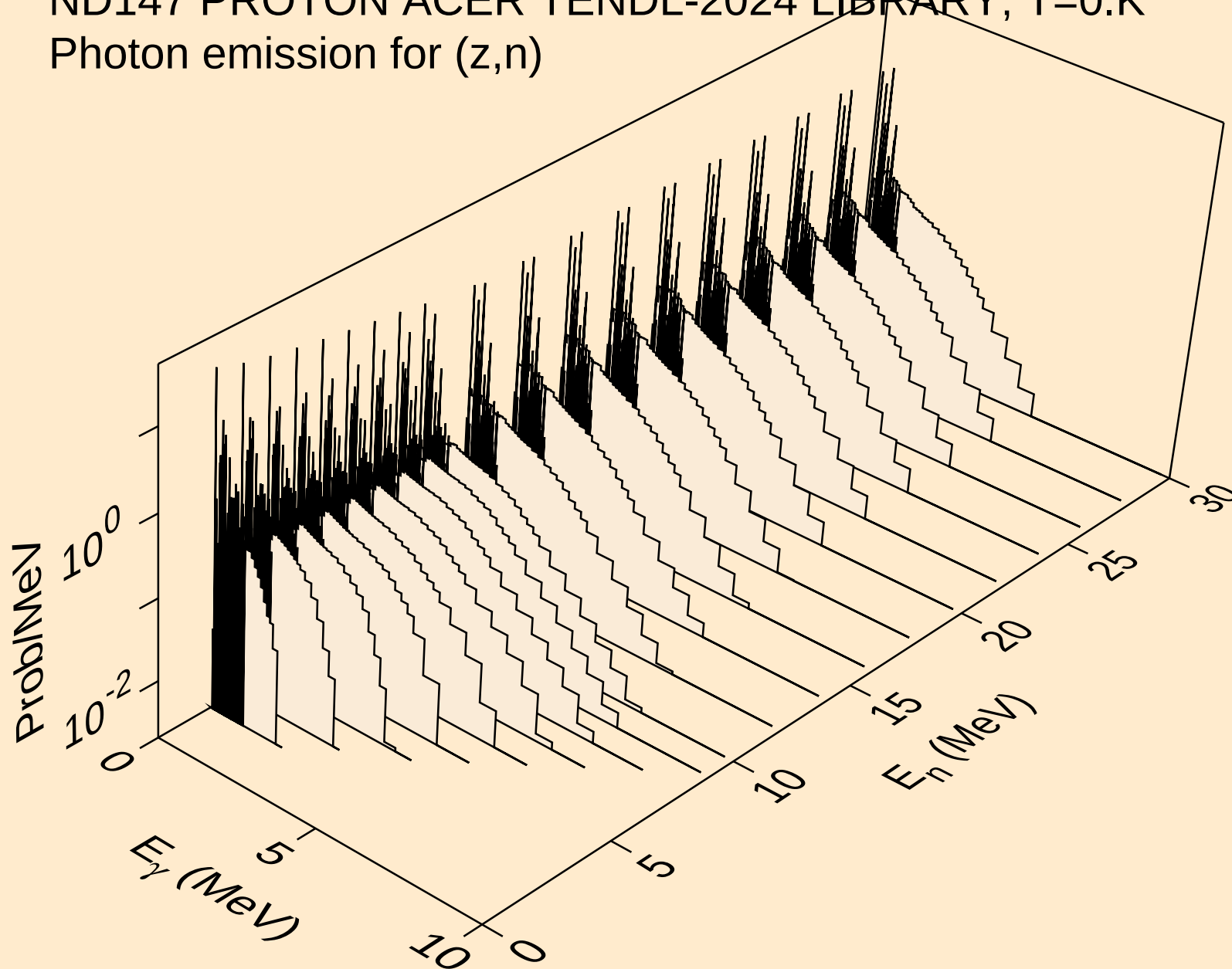
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pd)



ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pt)

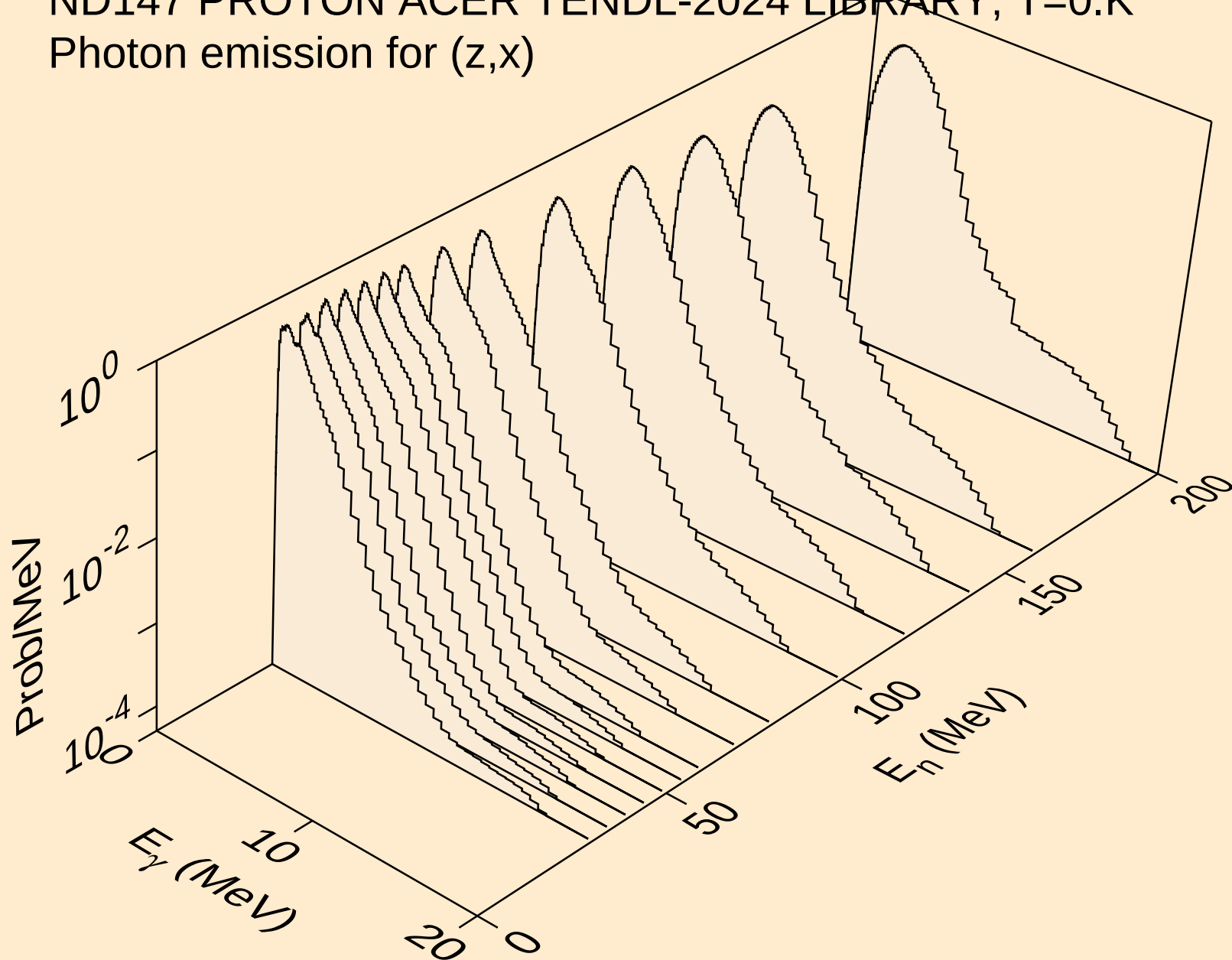


ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

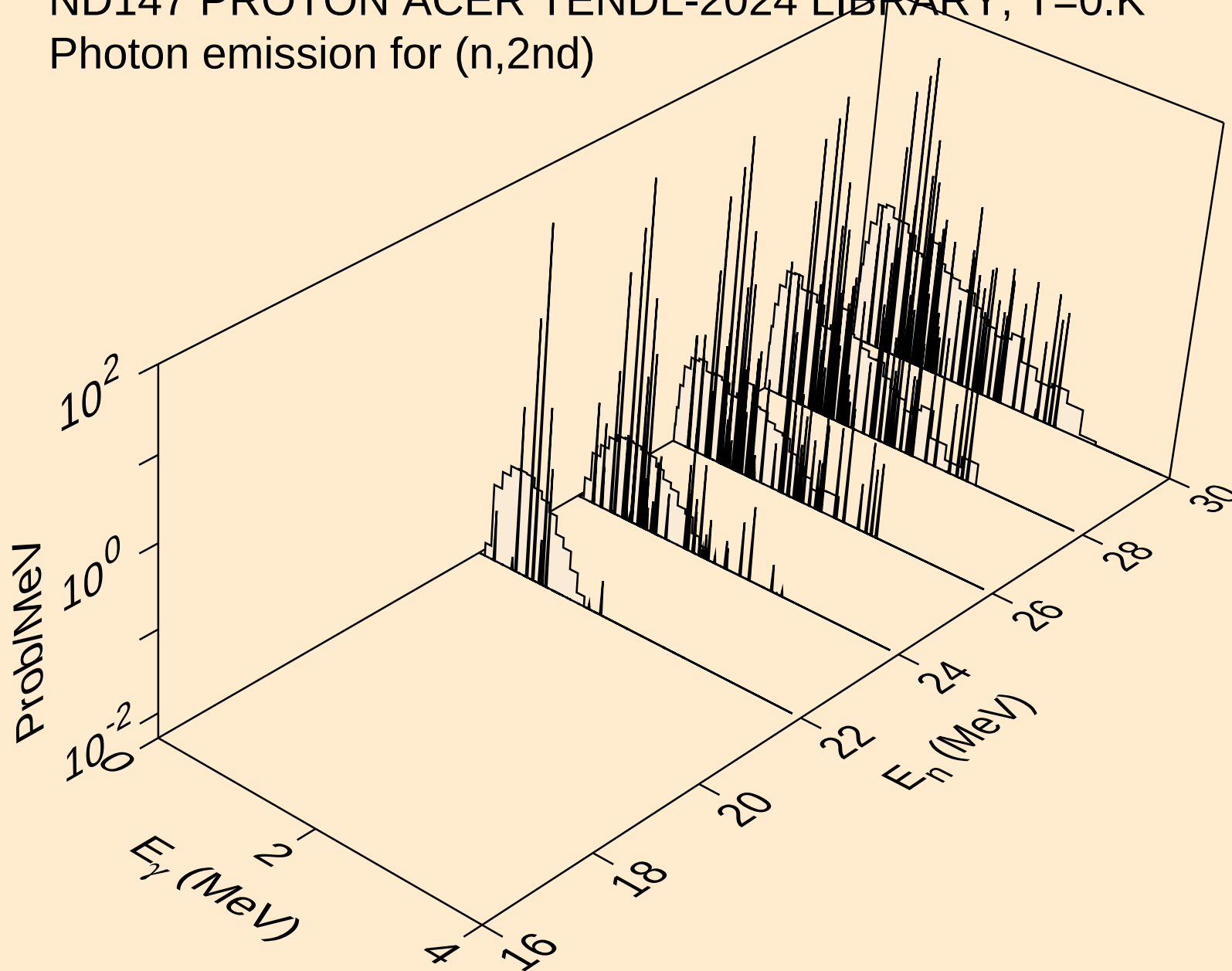


ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K

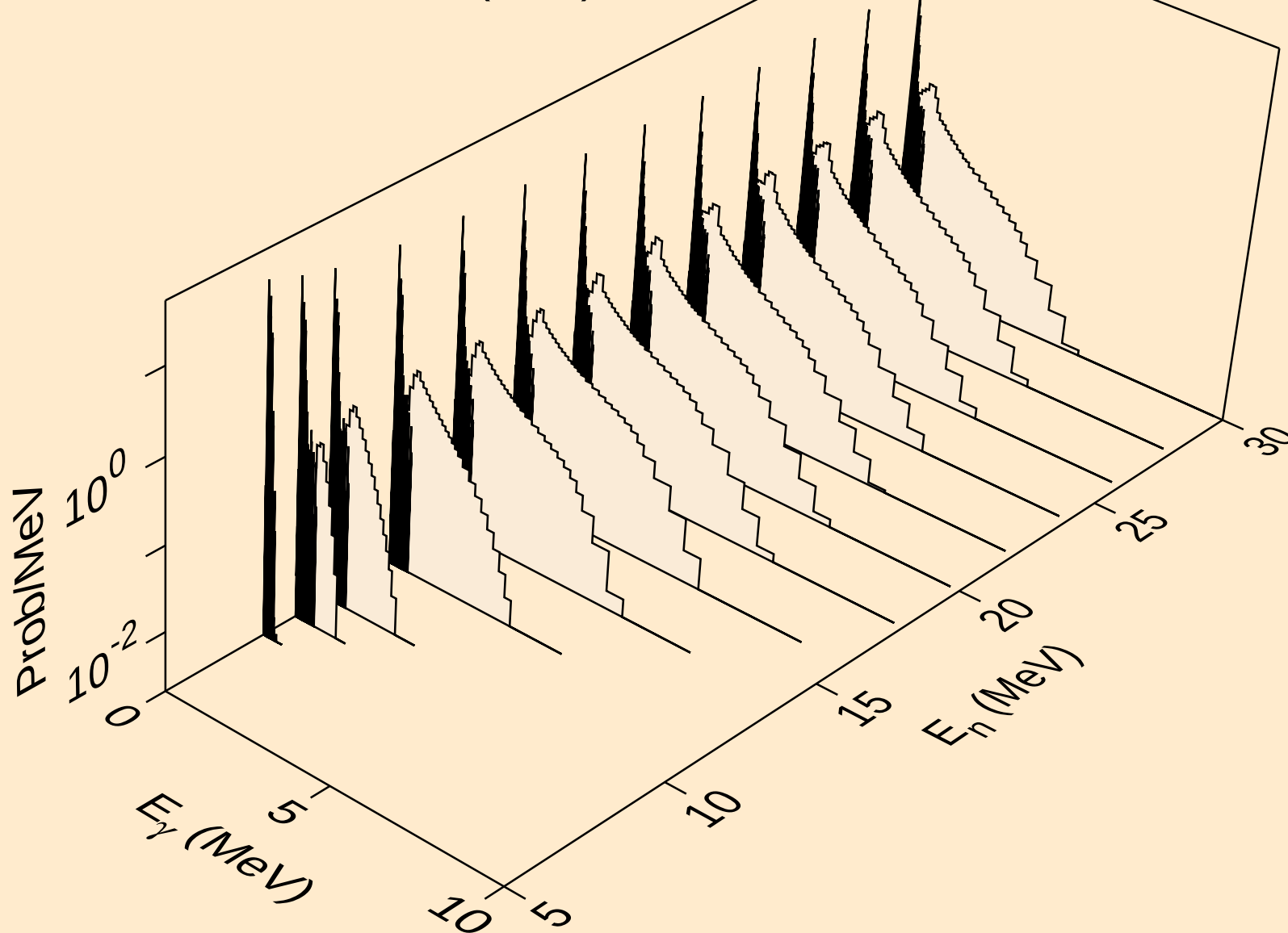
Photon emission for (z,x)



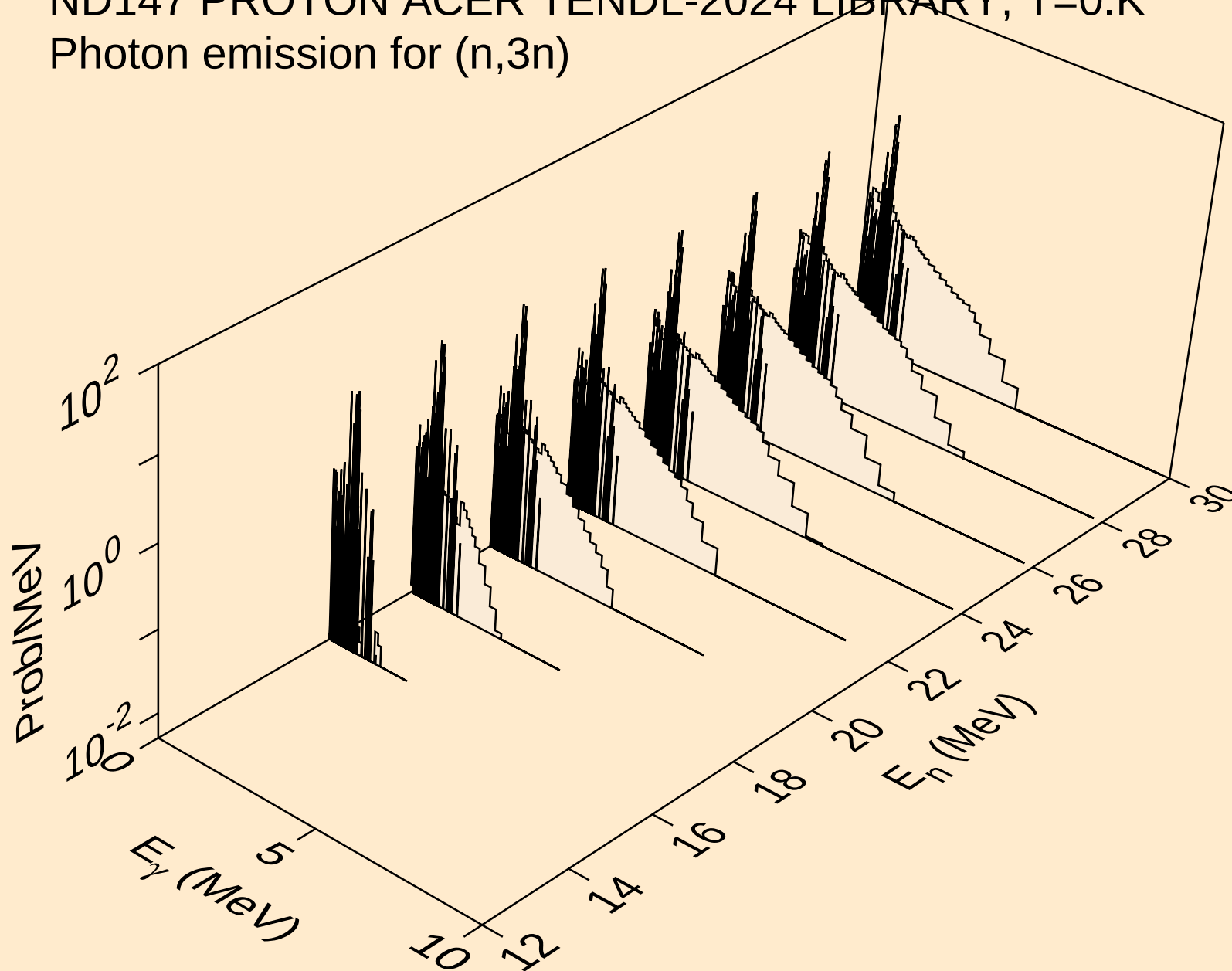
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



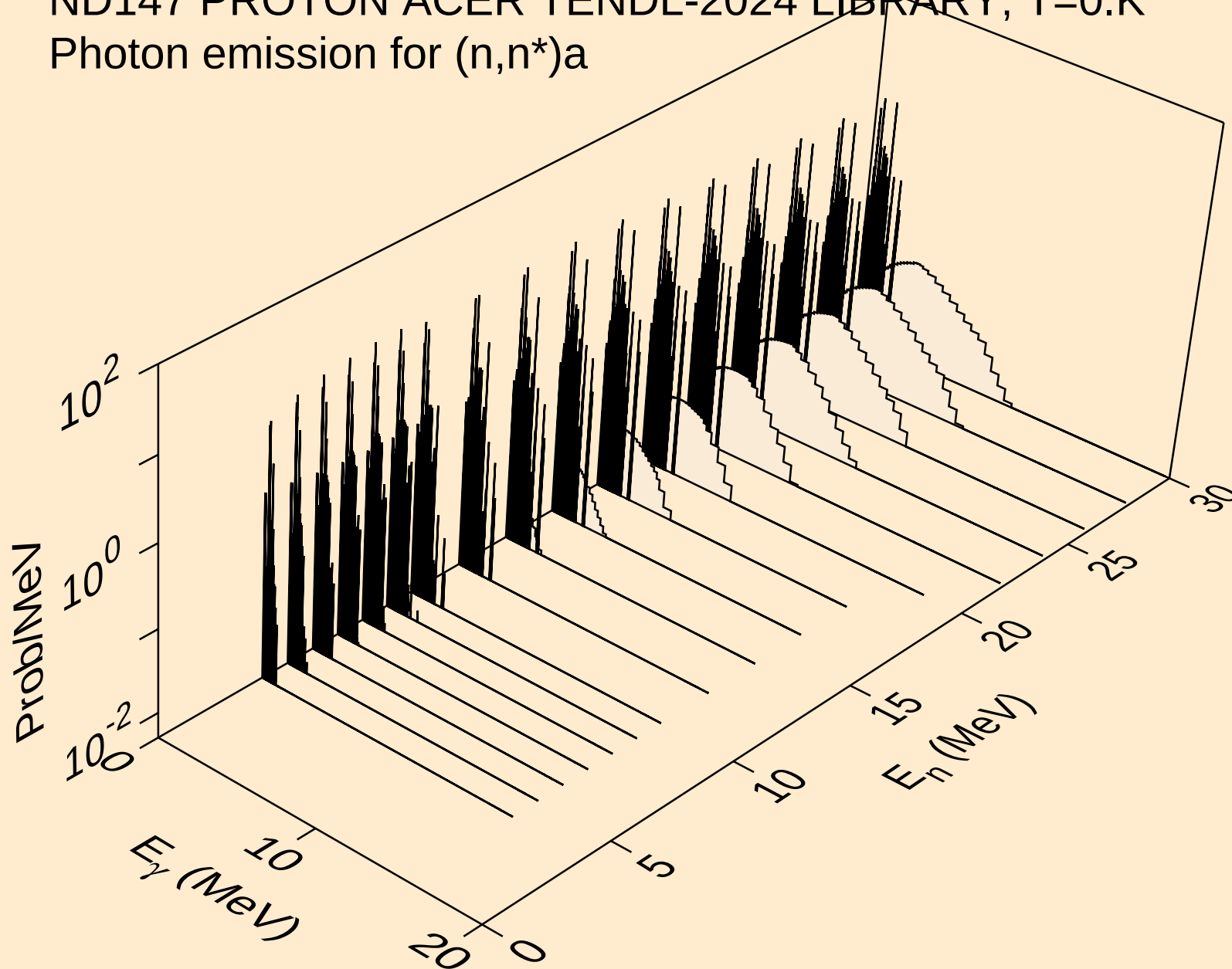
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



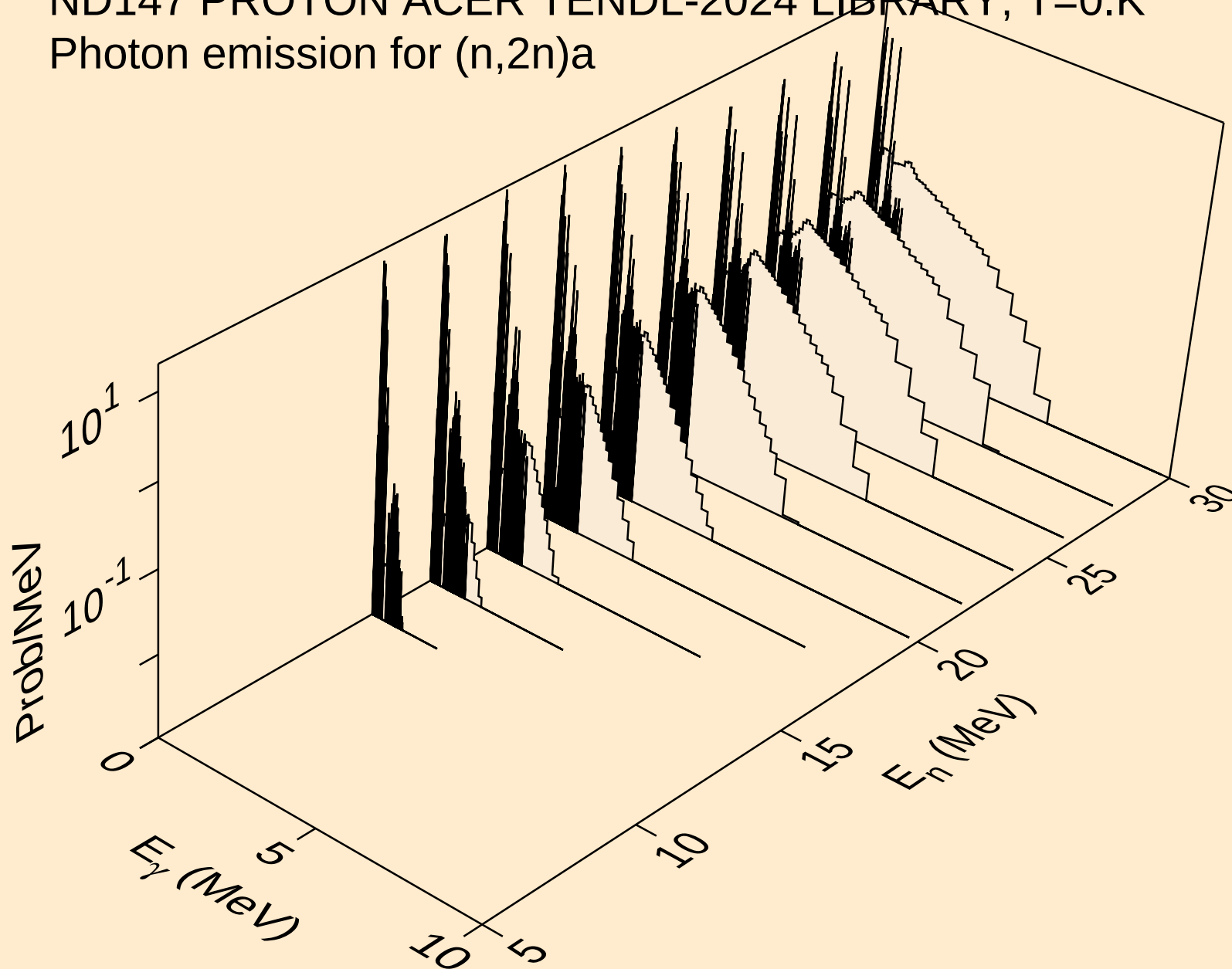
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a

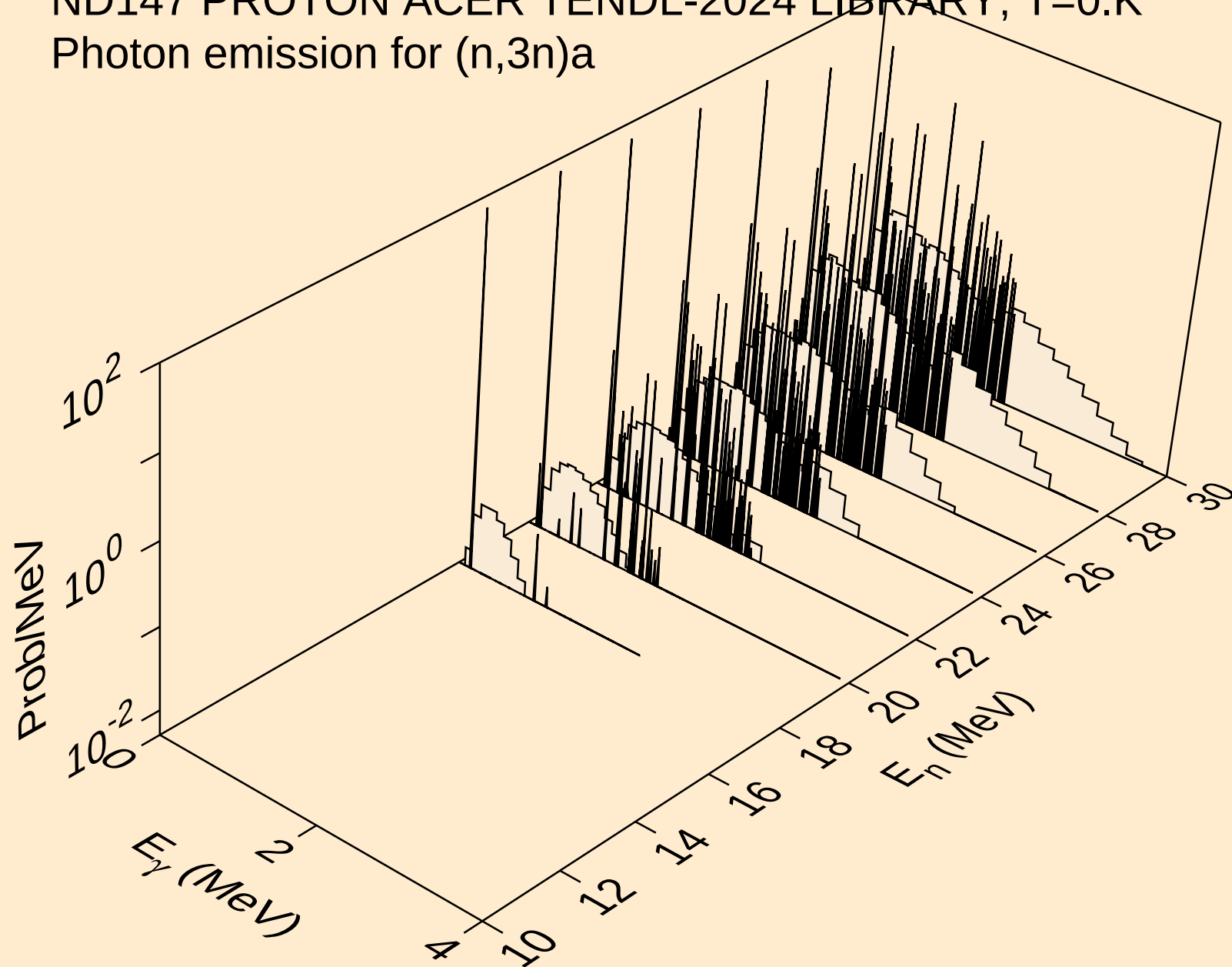


ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n) α

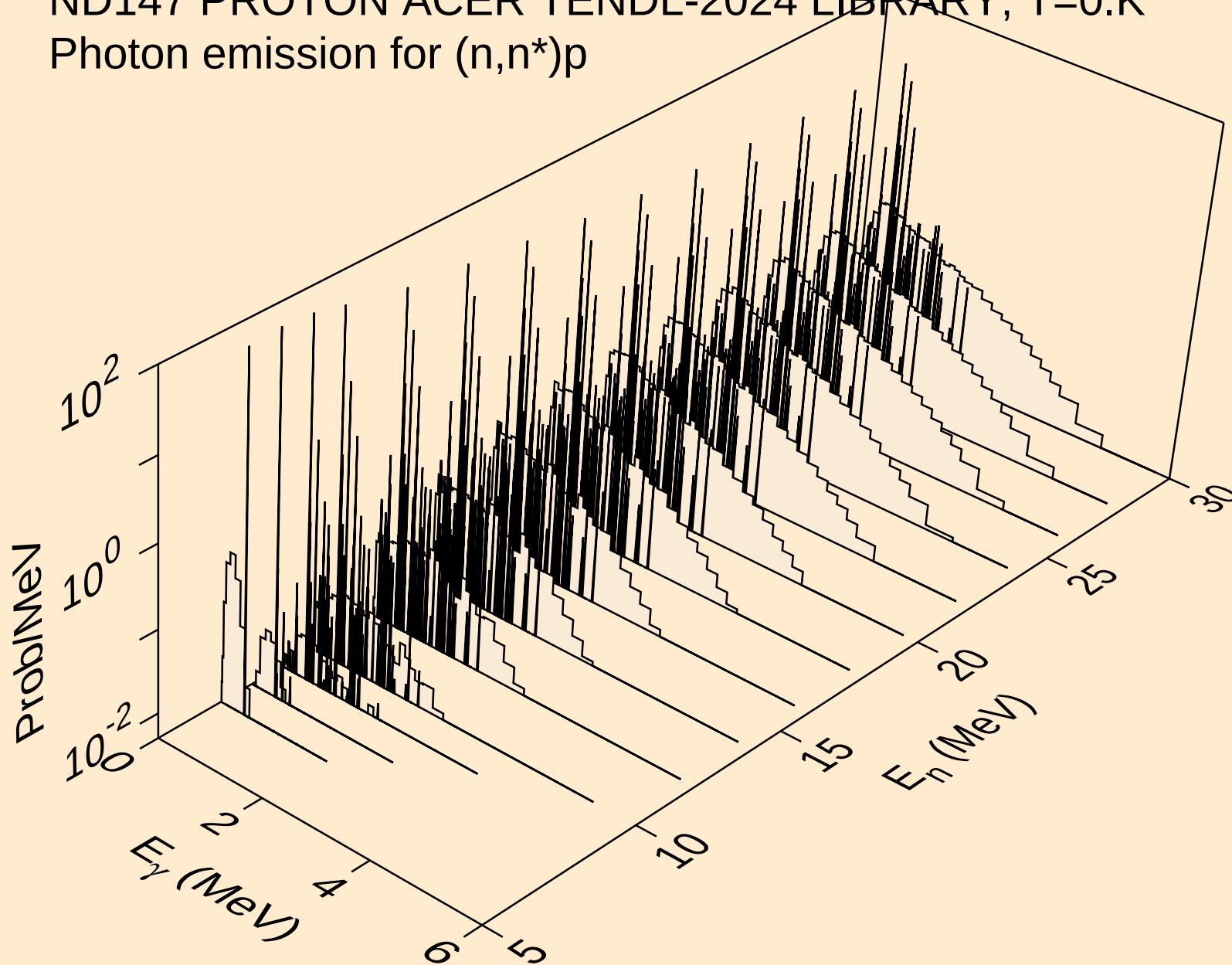


ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K

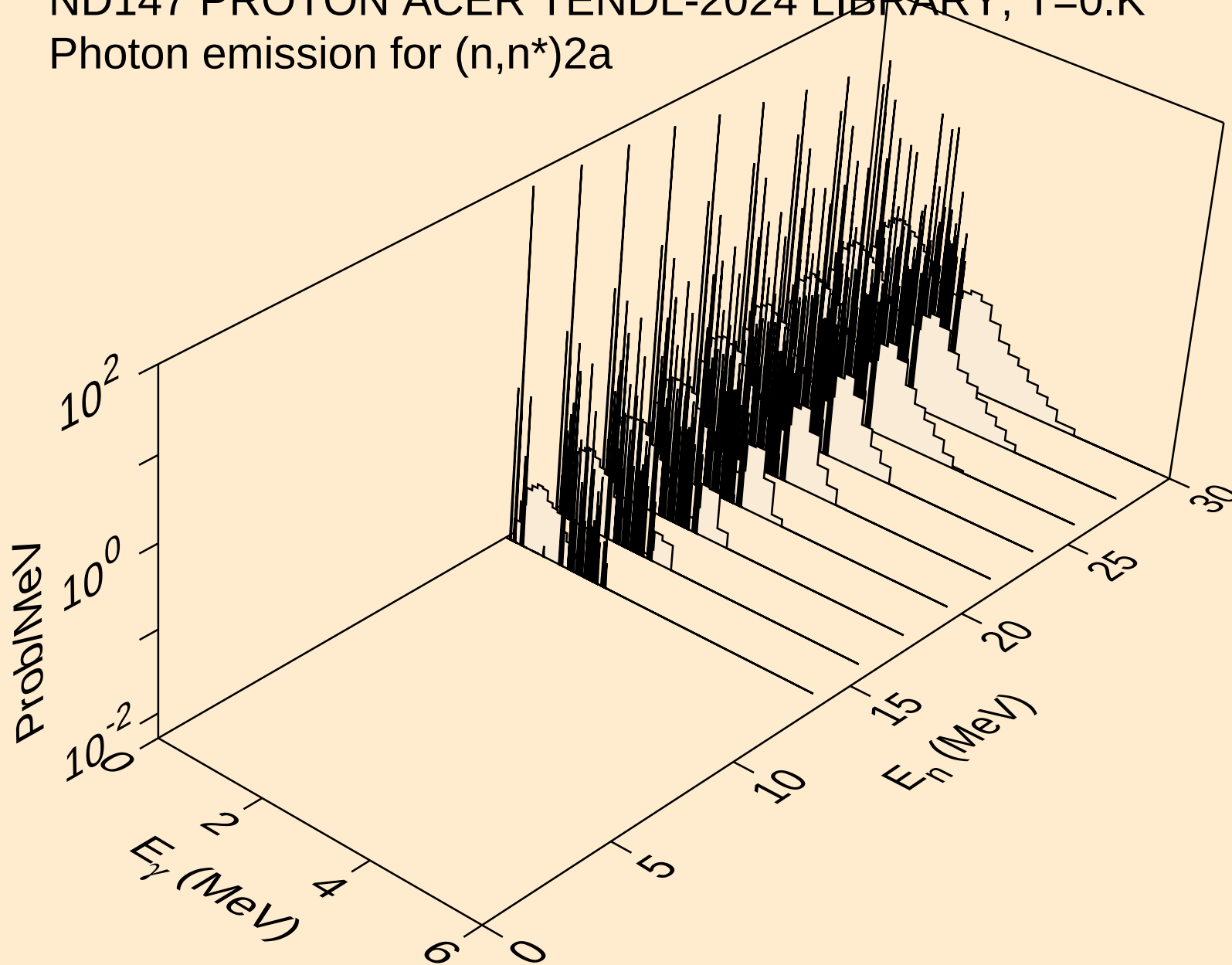
Photon emission for (n,3n) α



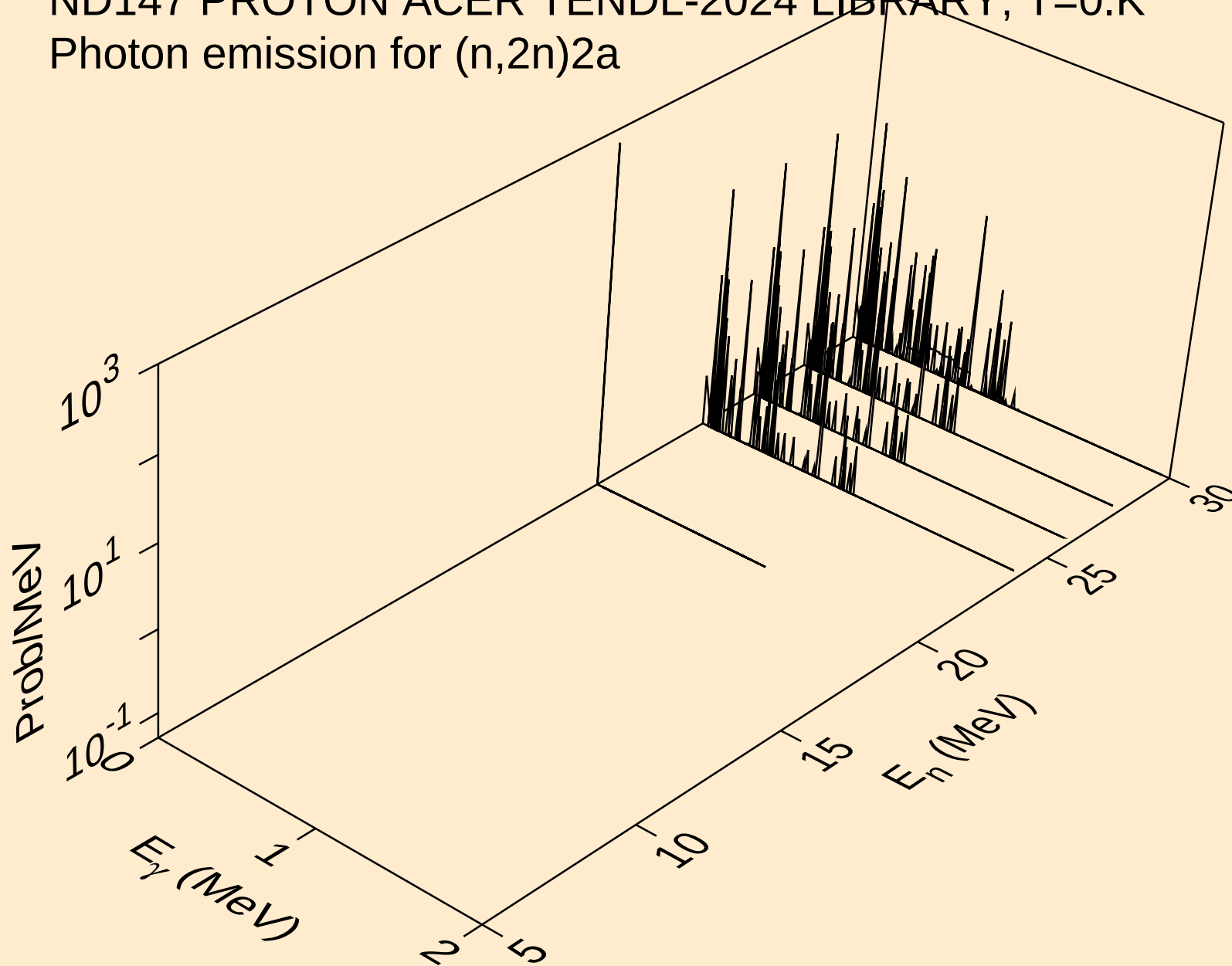
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



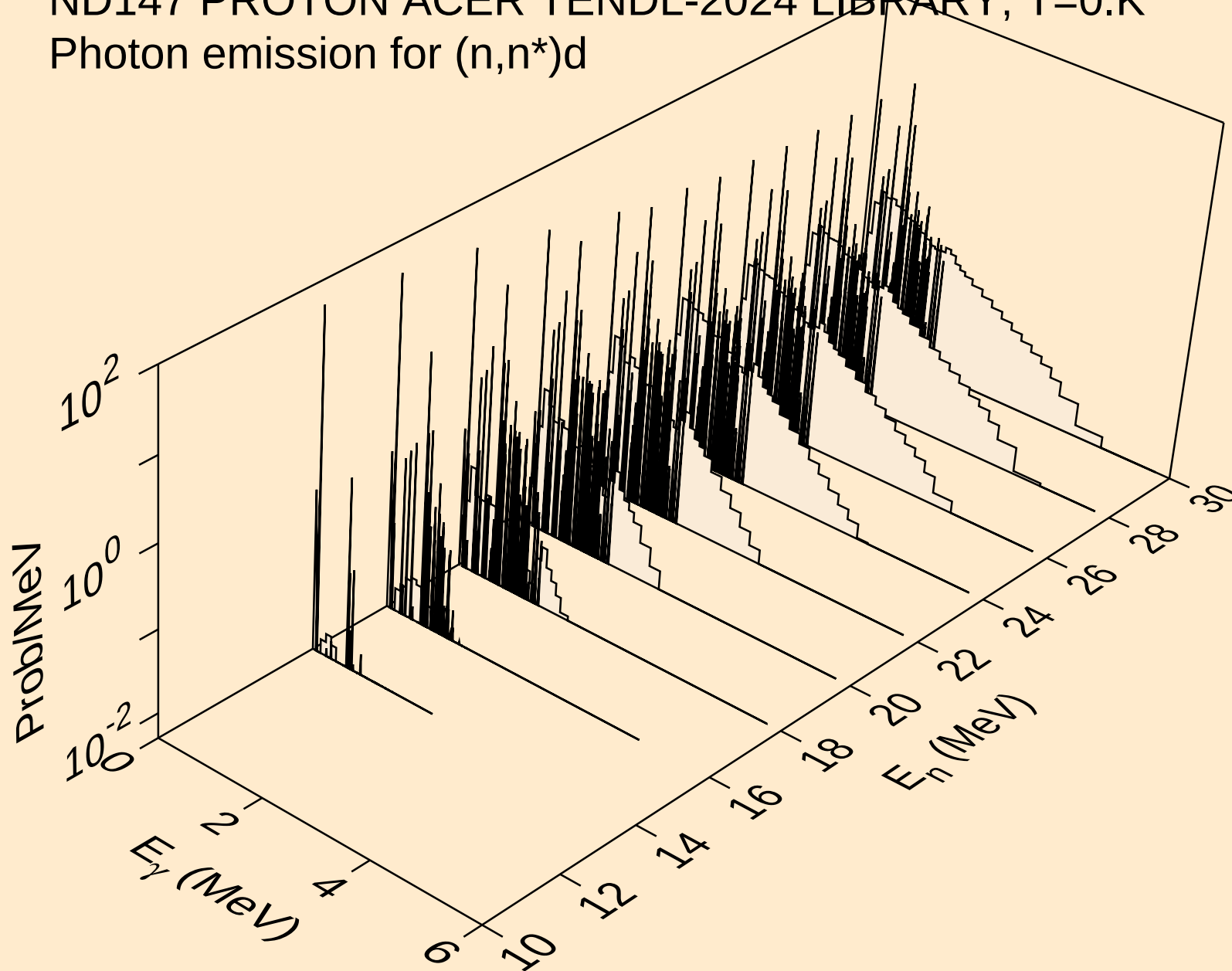
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



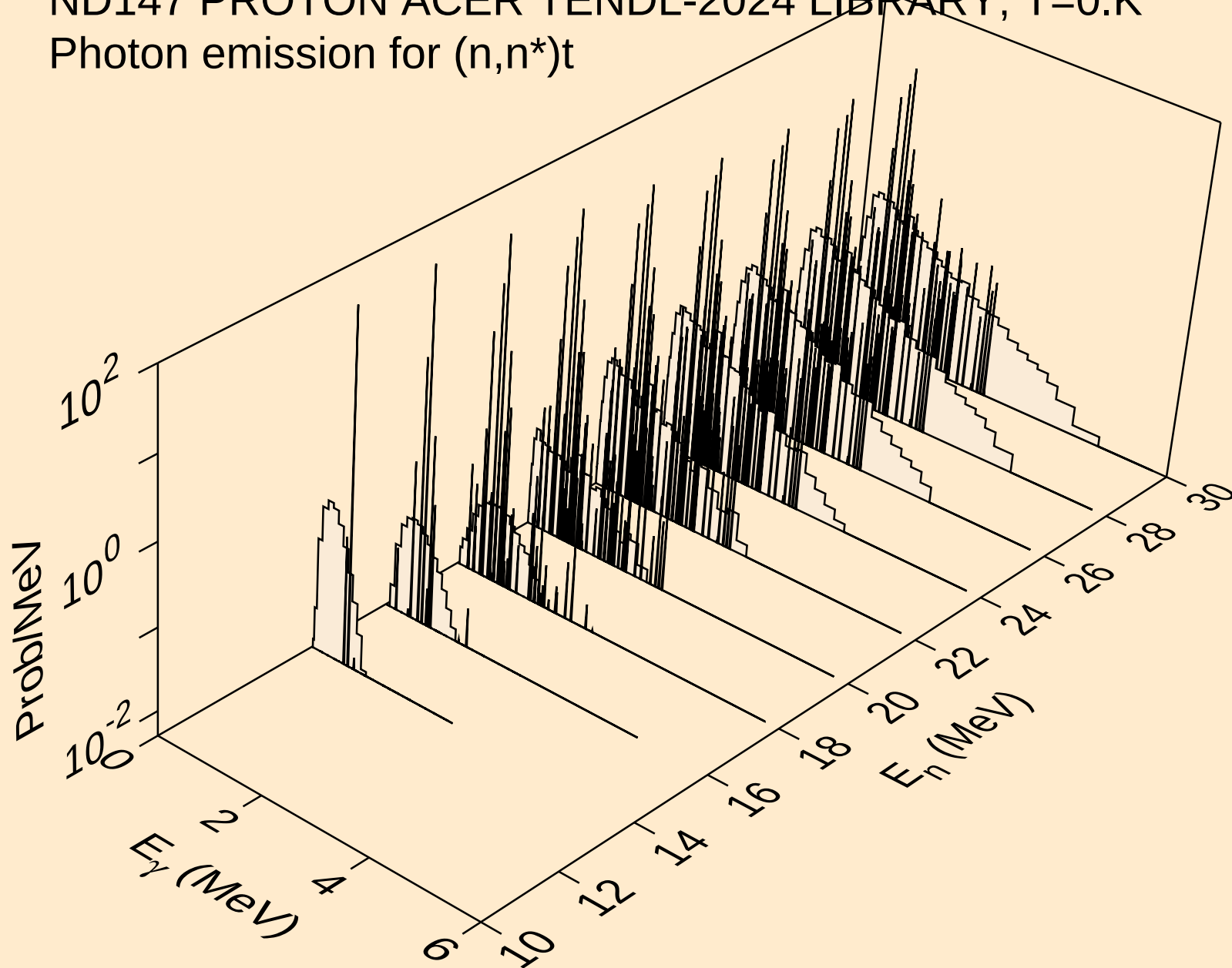
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)2a



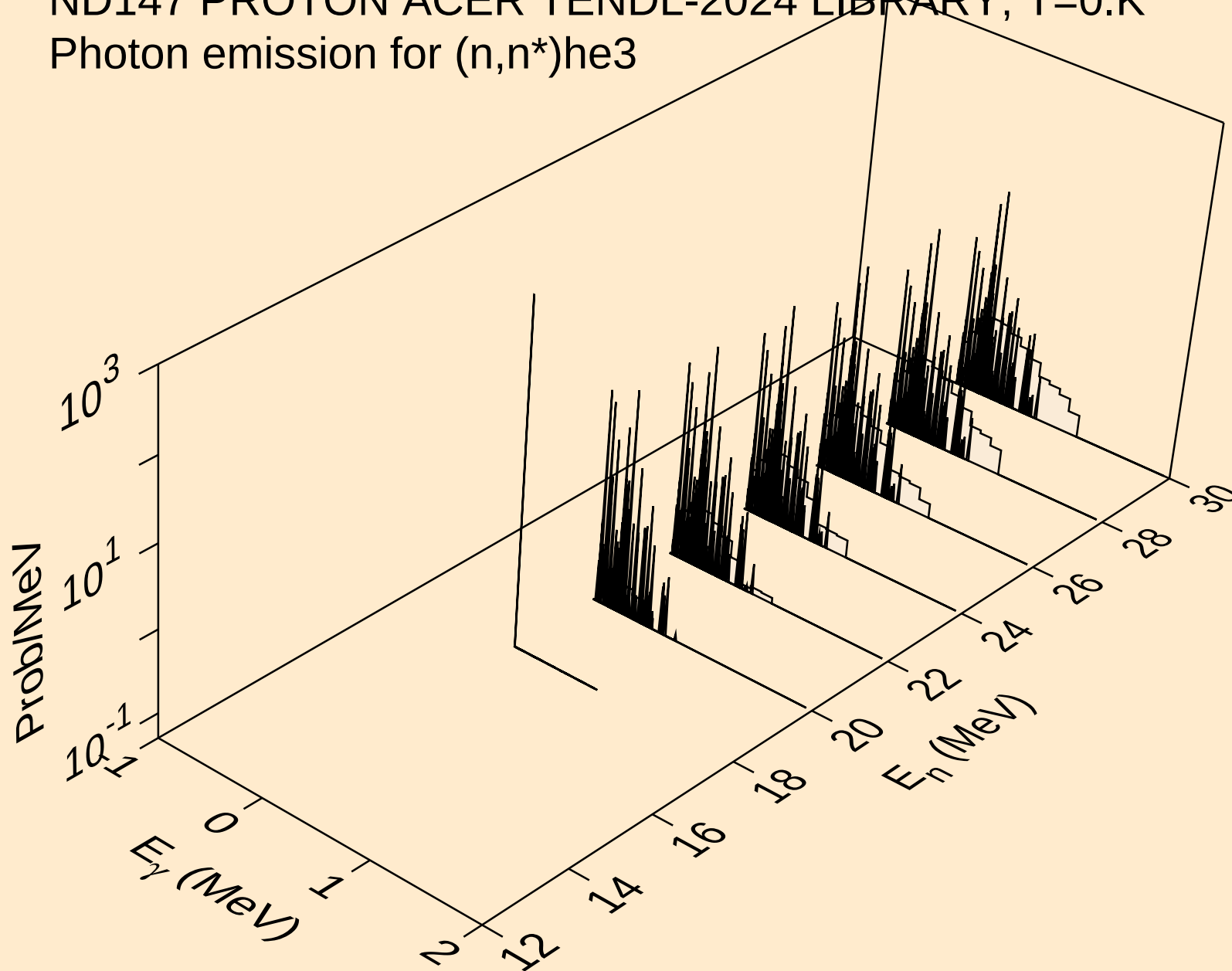
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



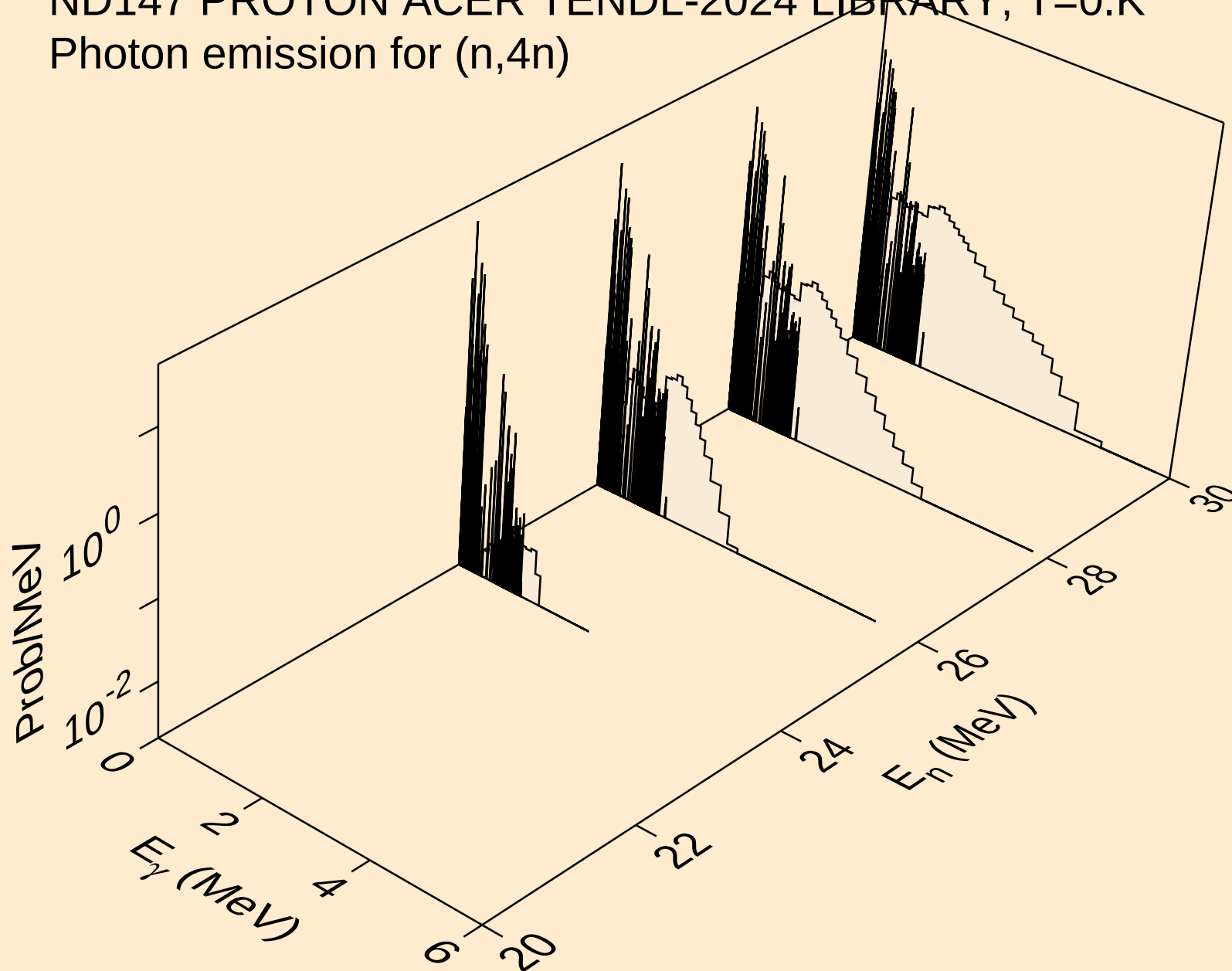
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



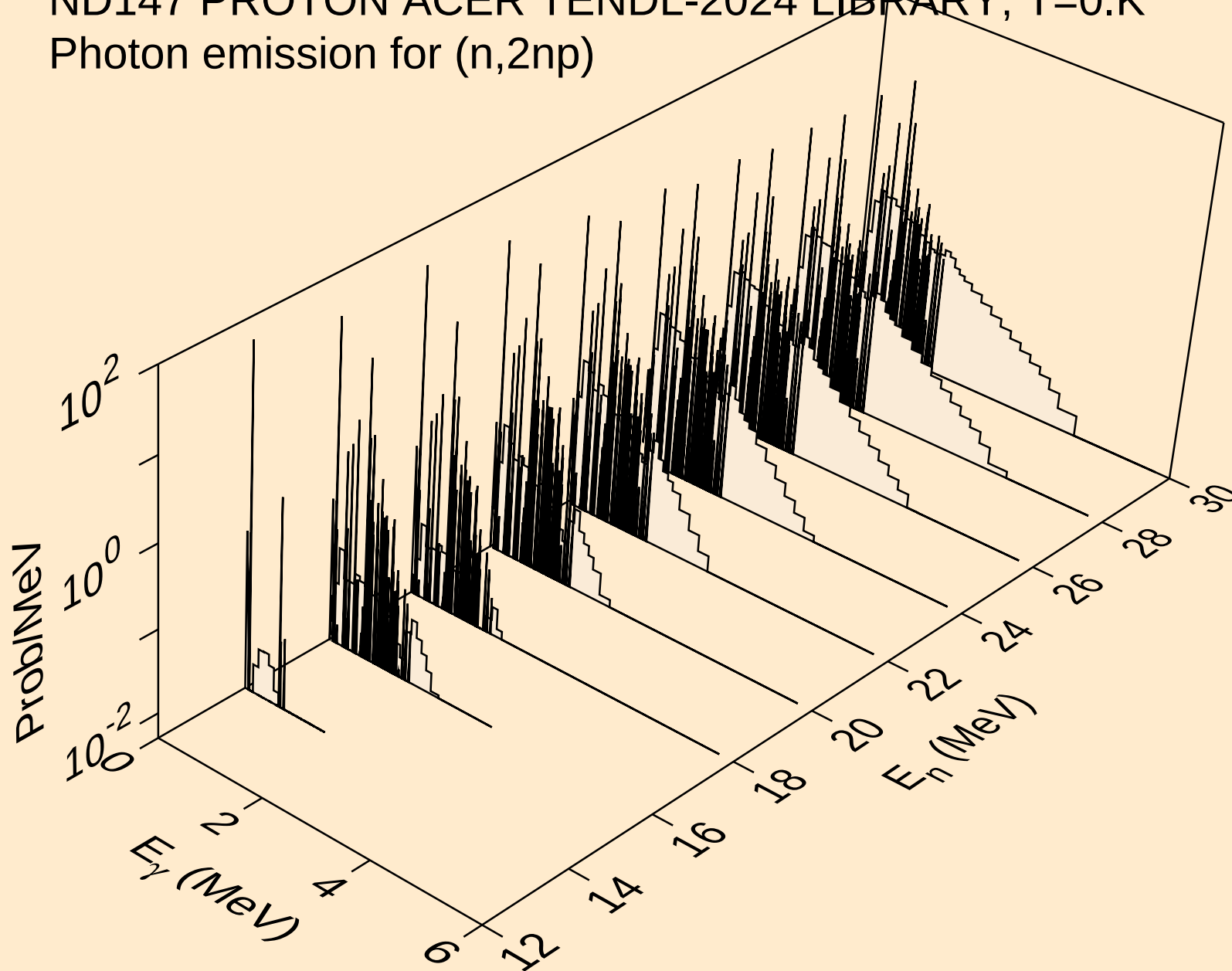
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



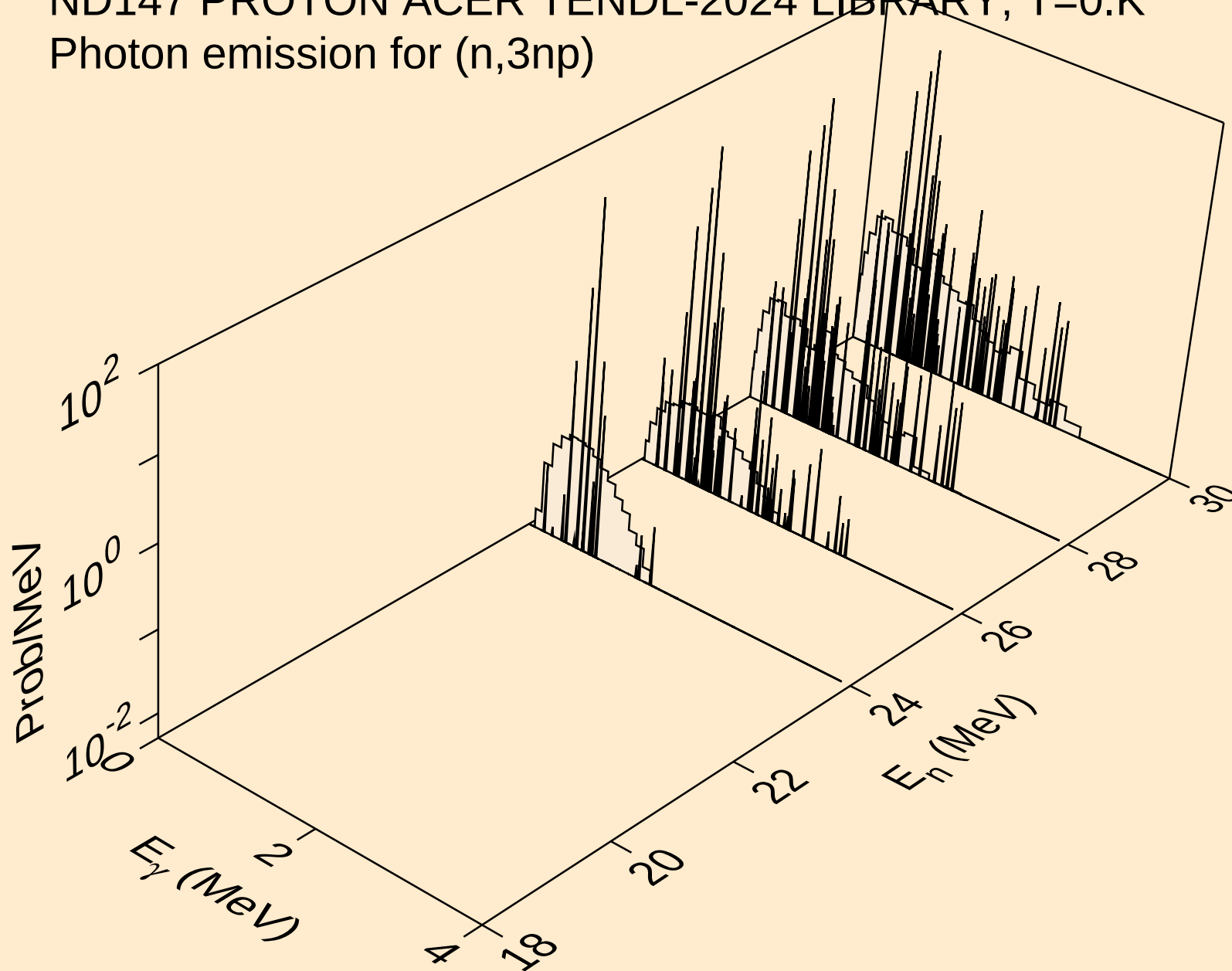
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



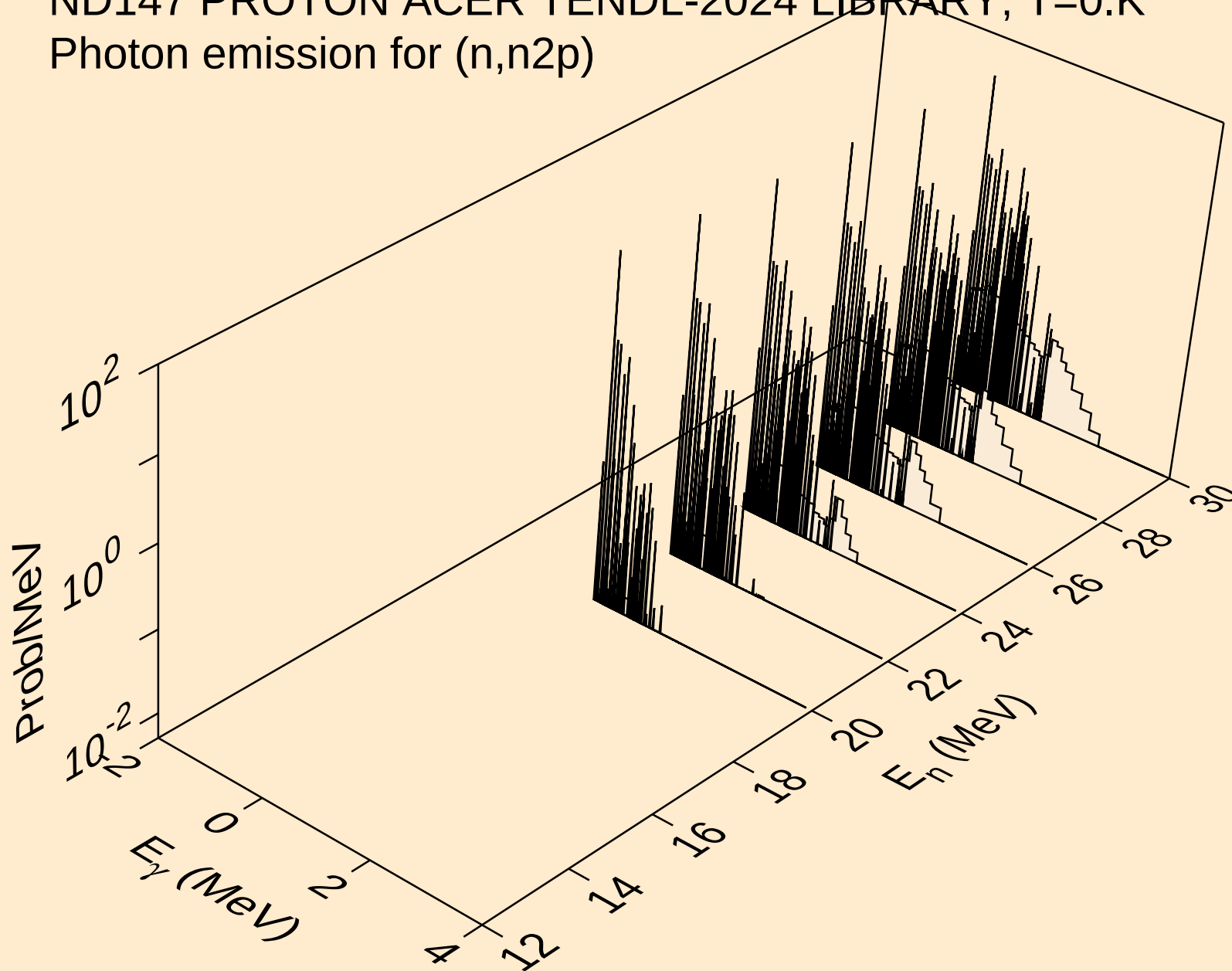
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



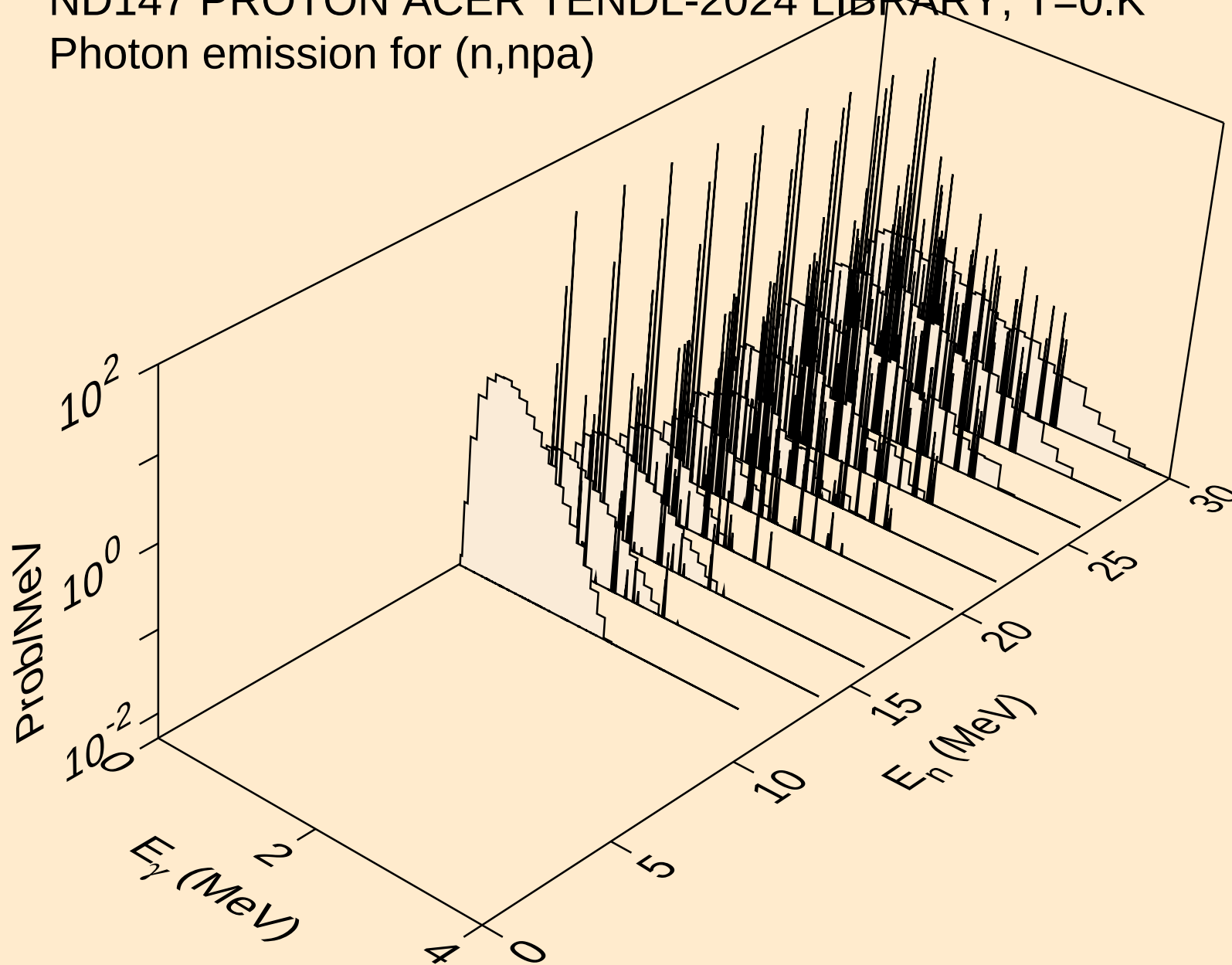
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



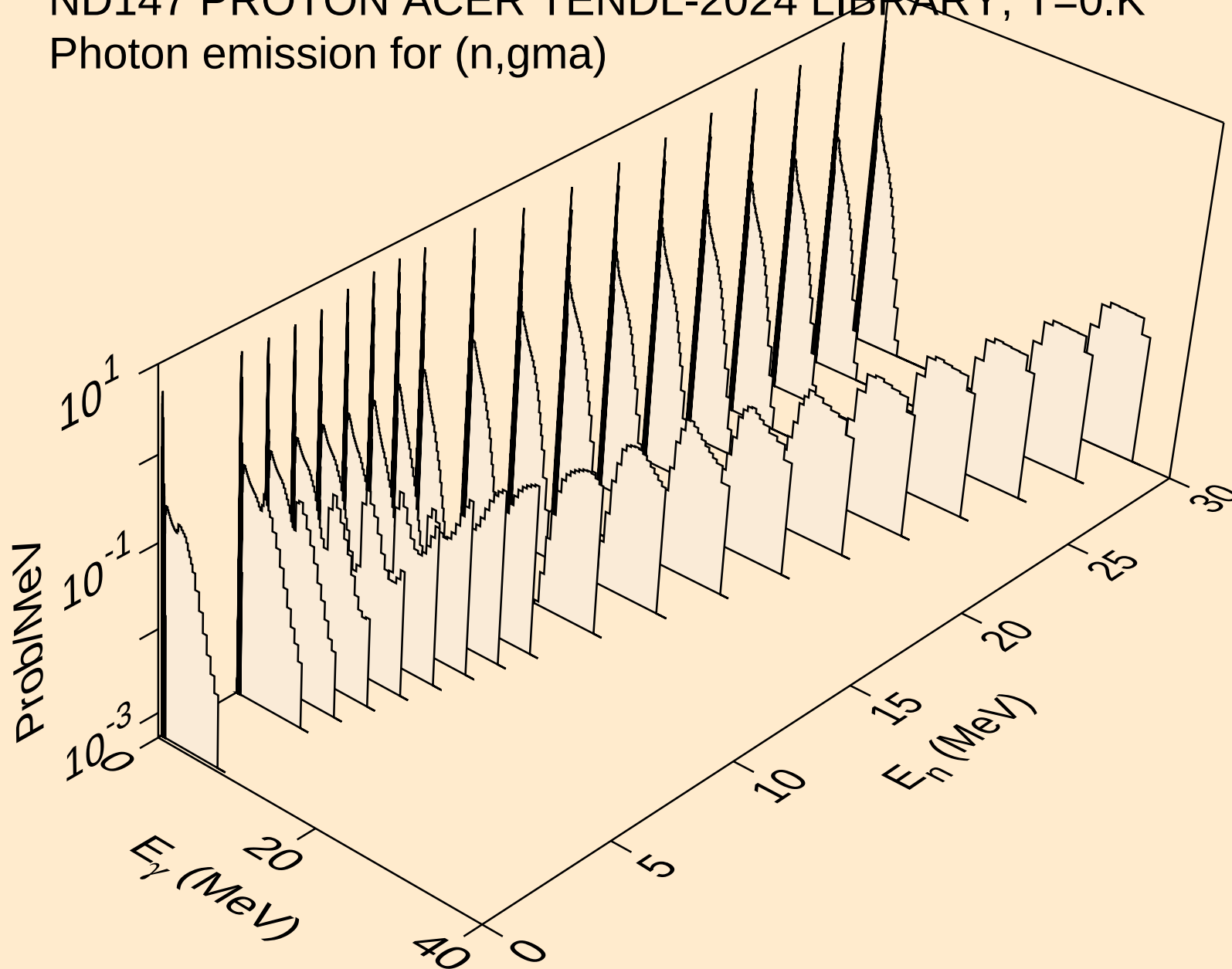
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



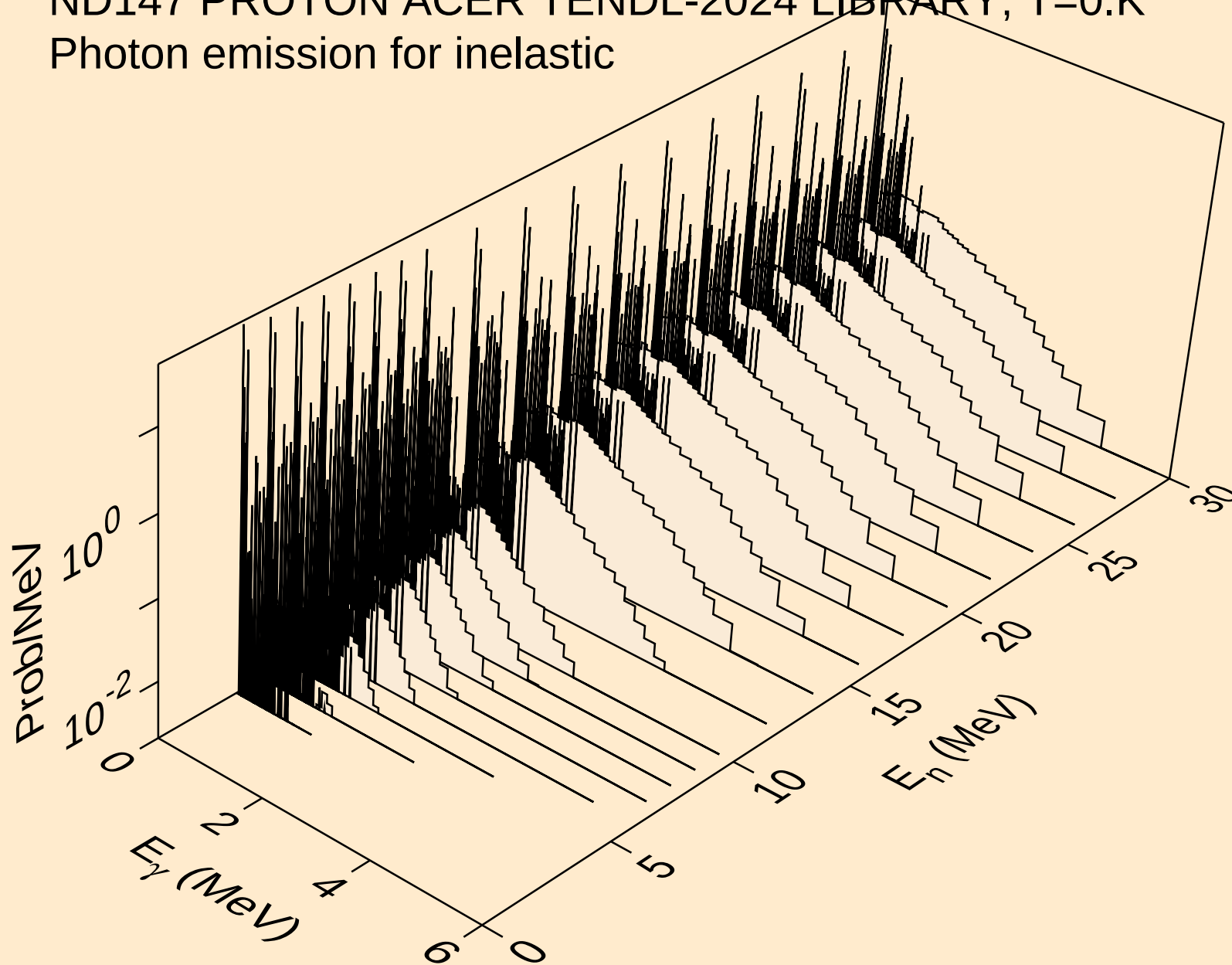
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



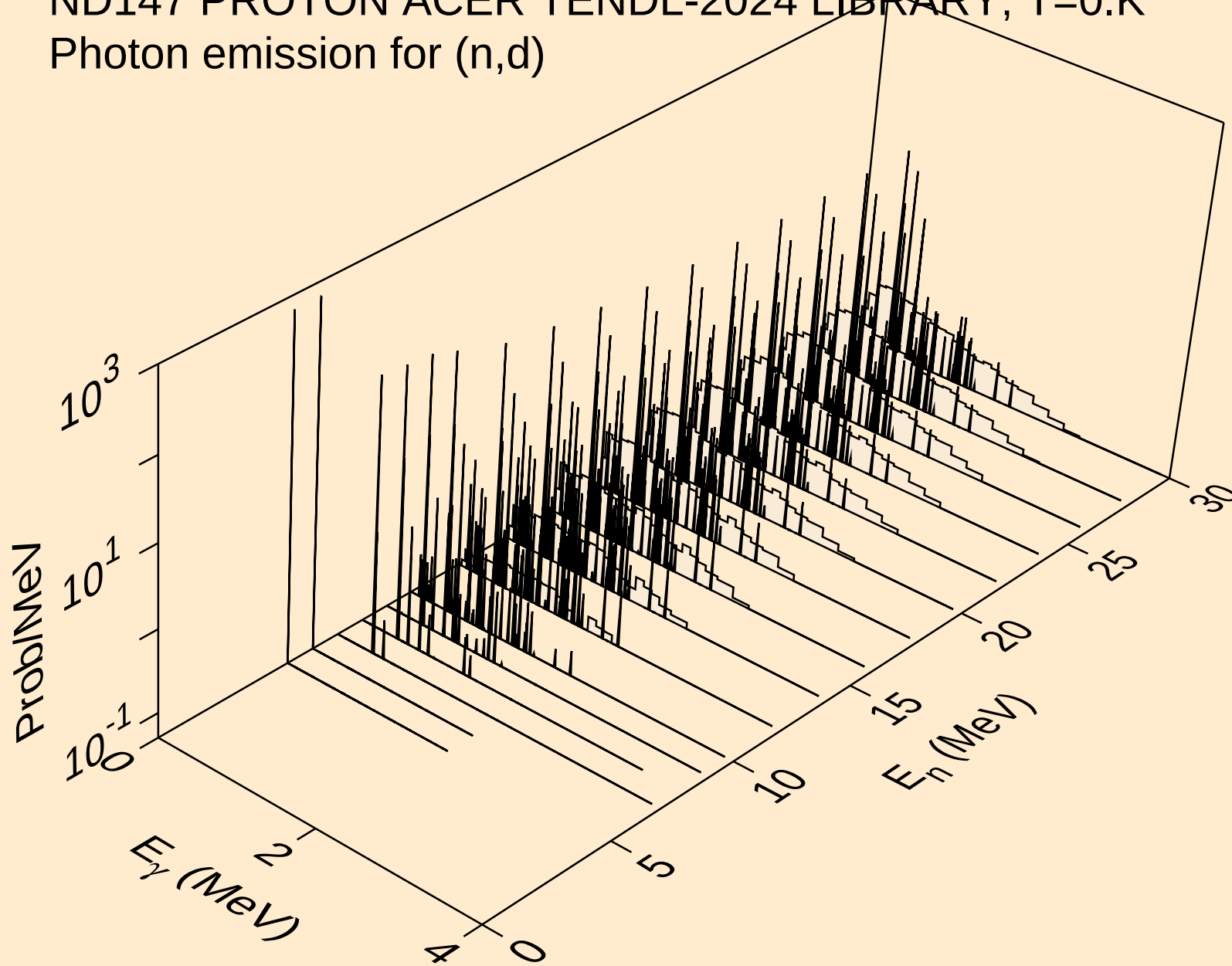
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



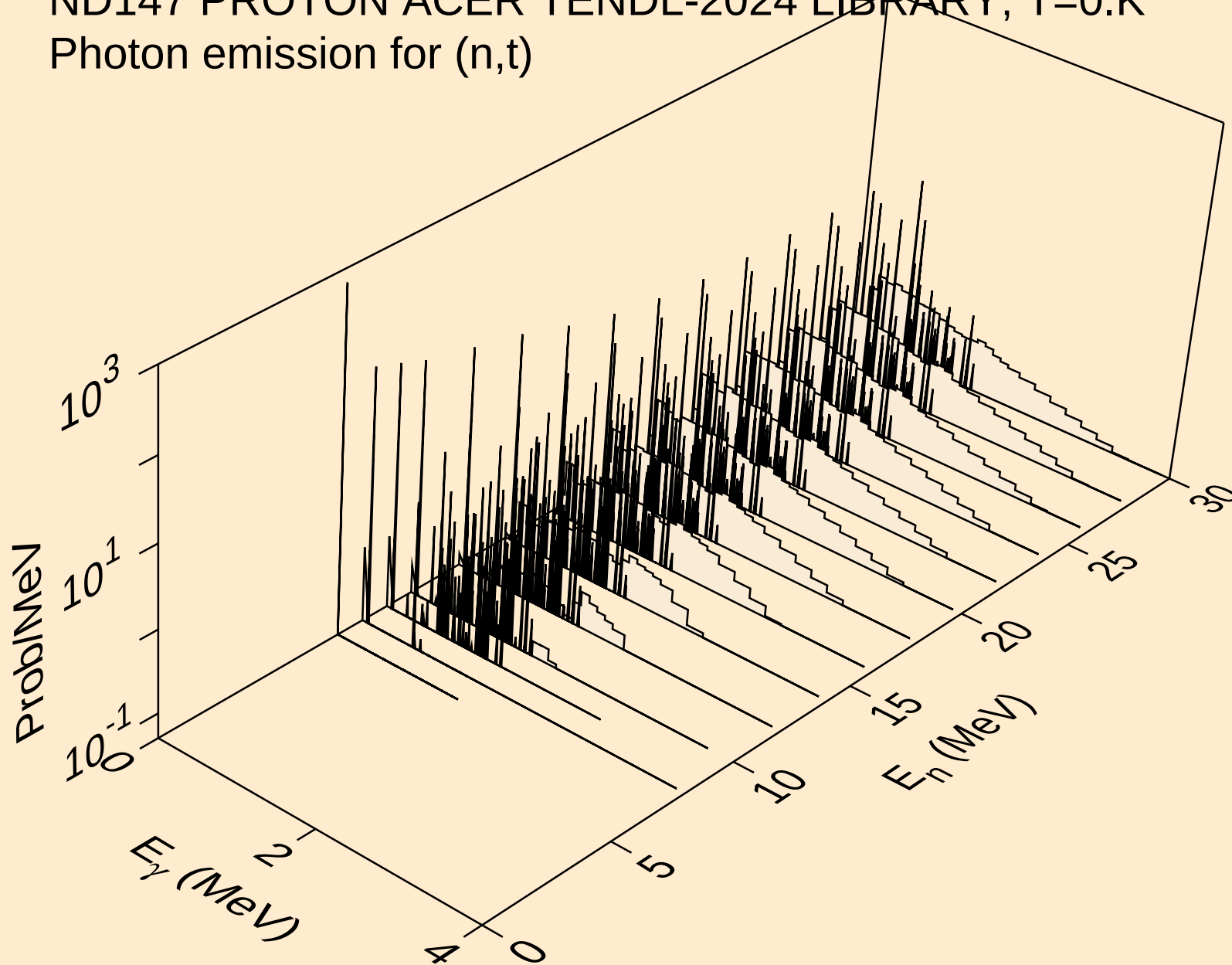
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



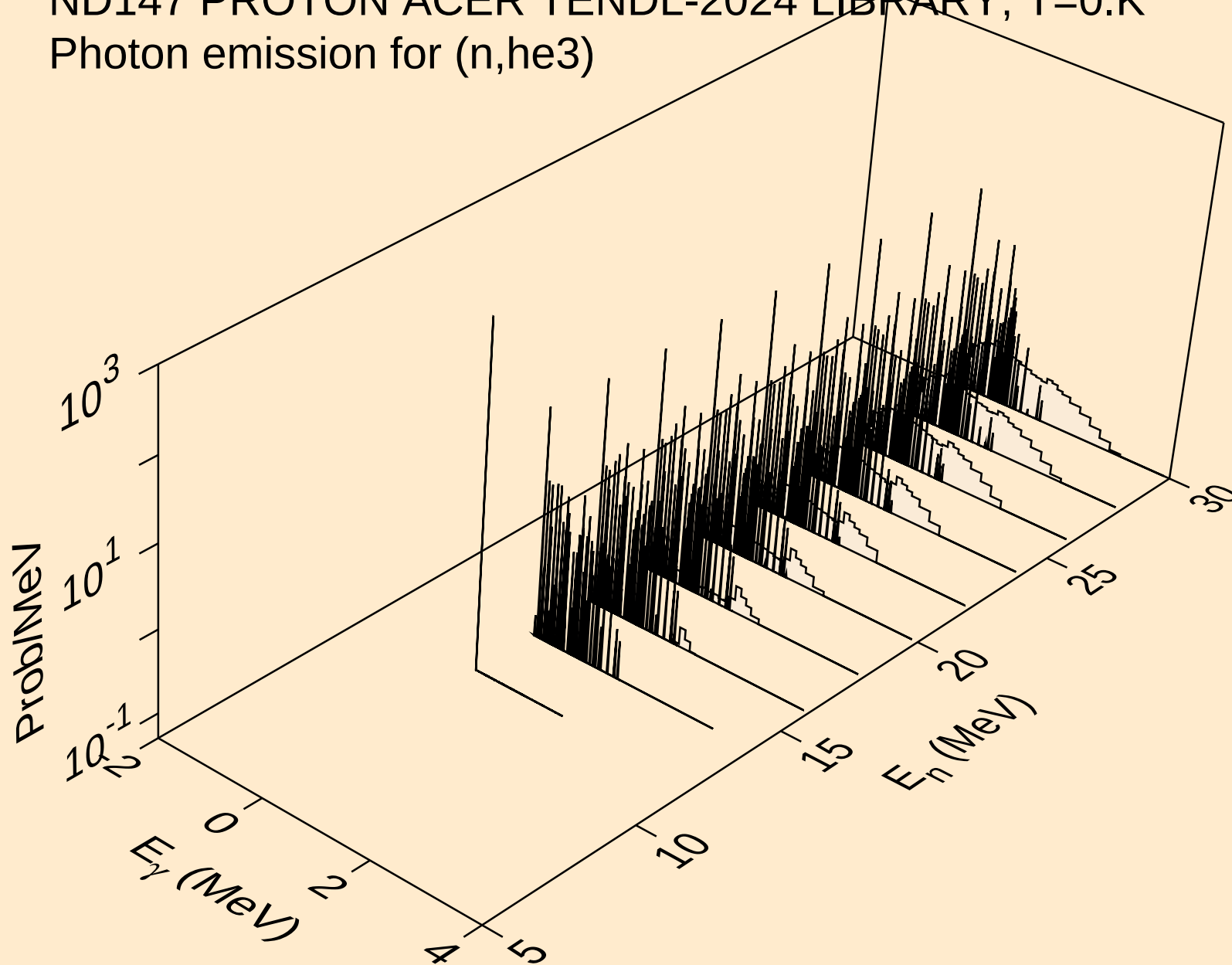
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



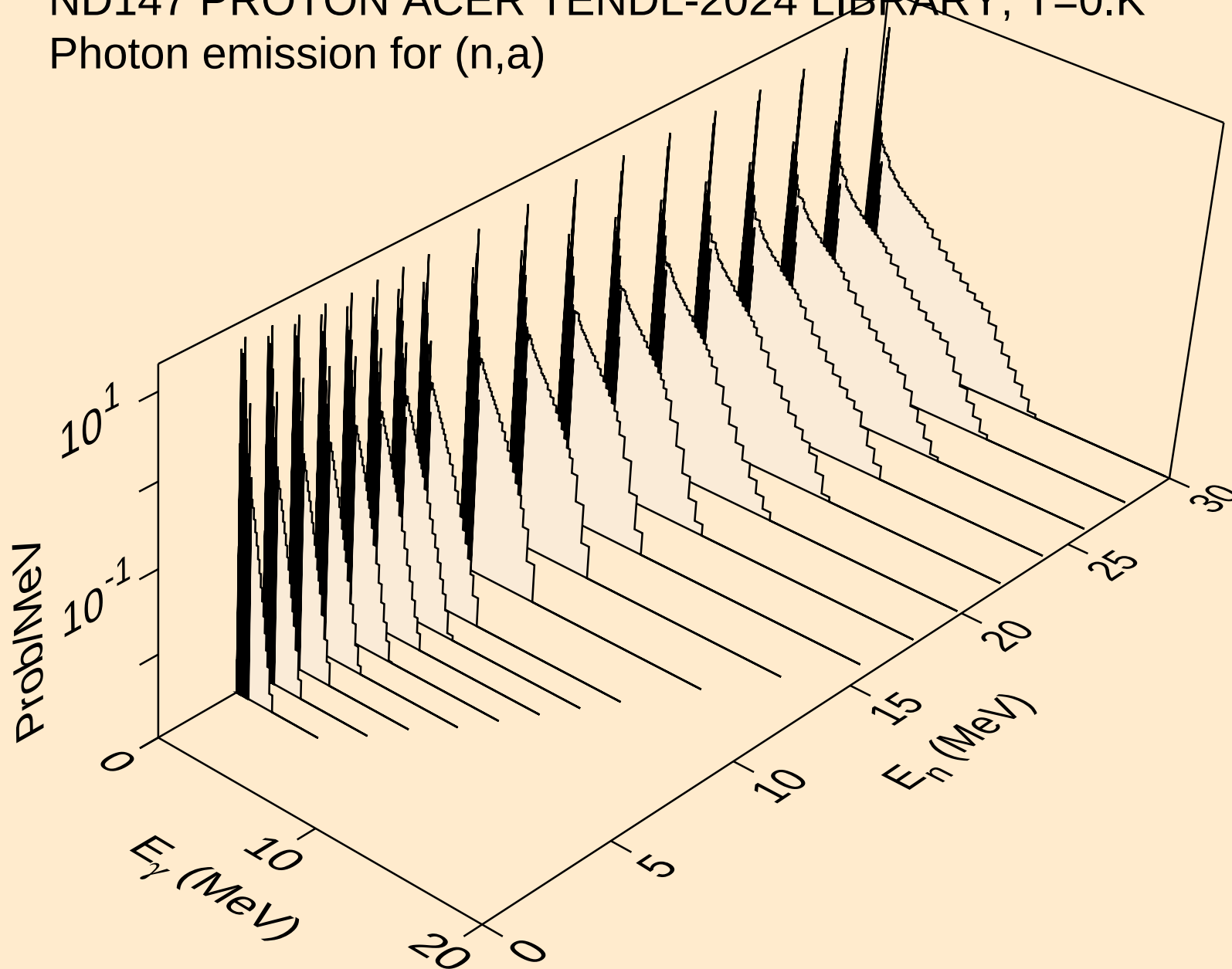
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Photon emission for (n,t)



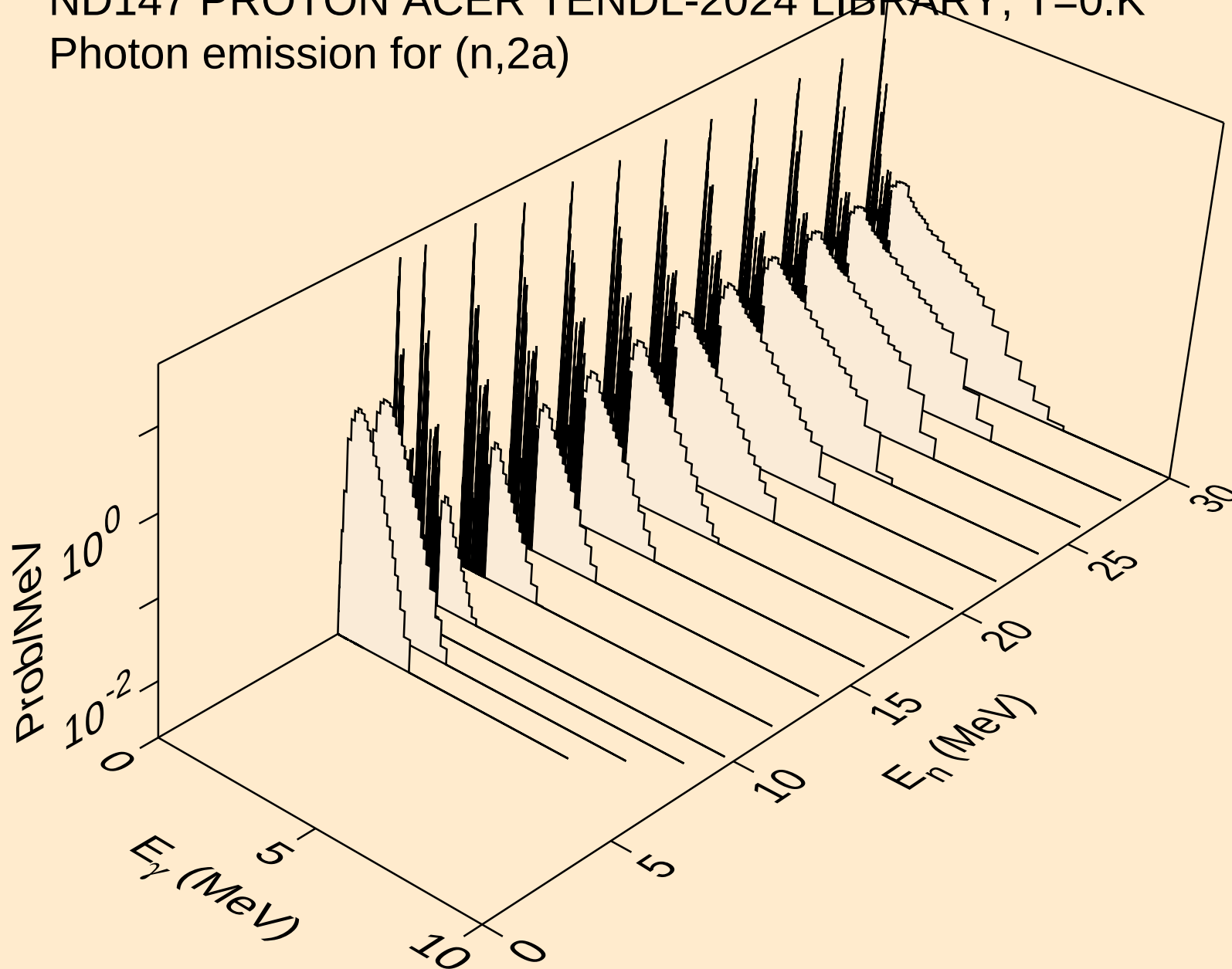
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



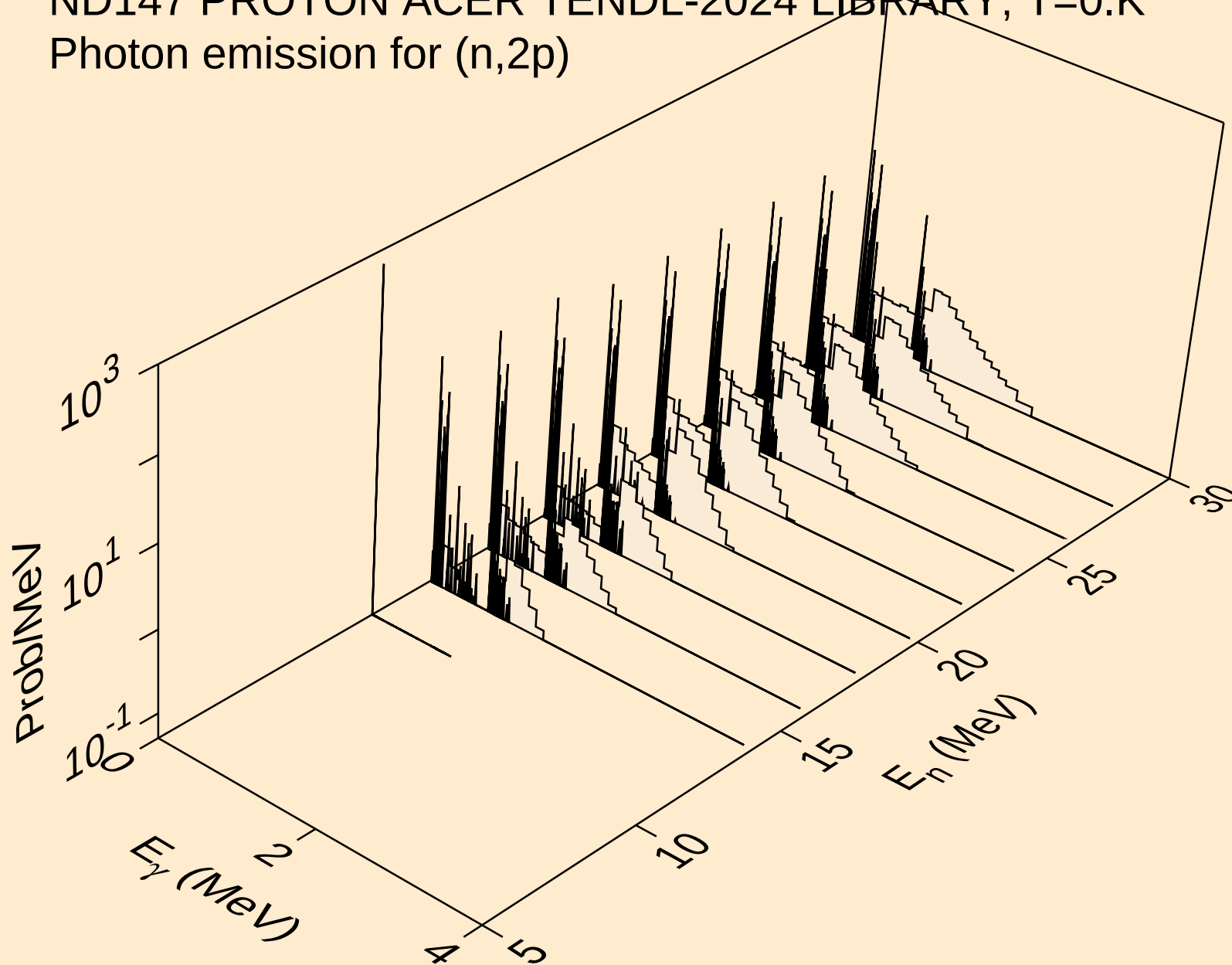
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



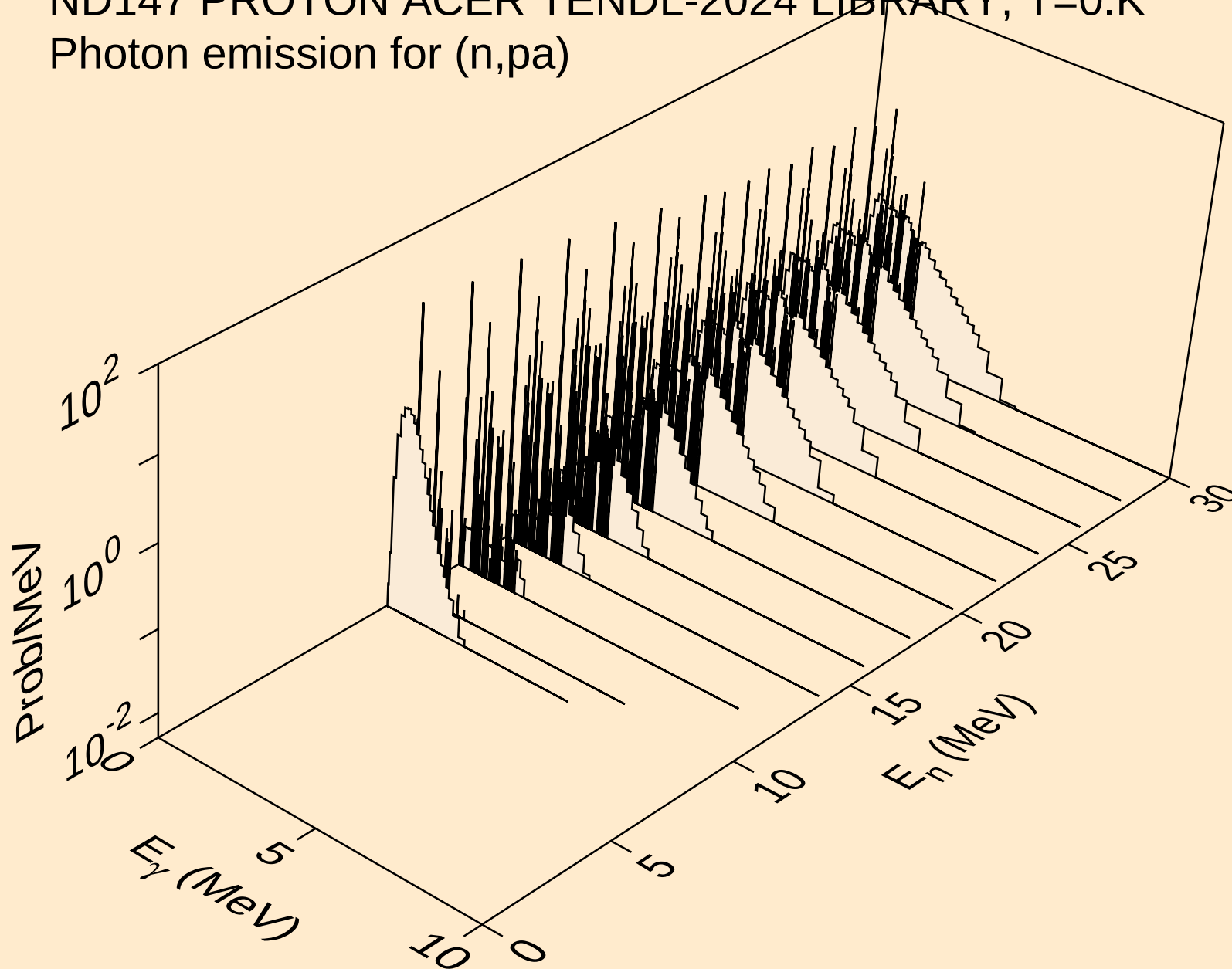
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



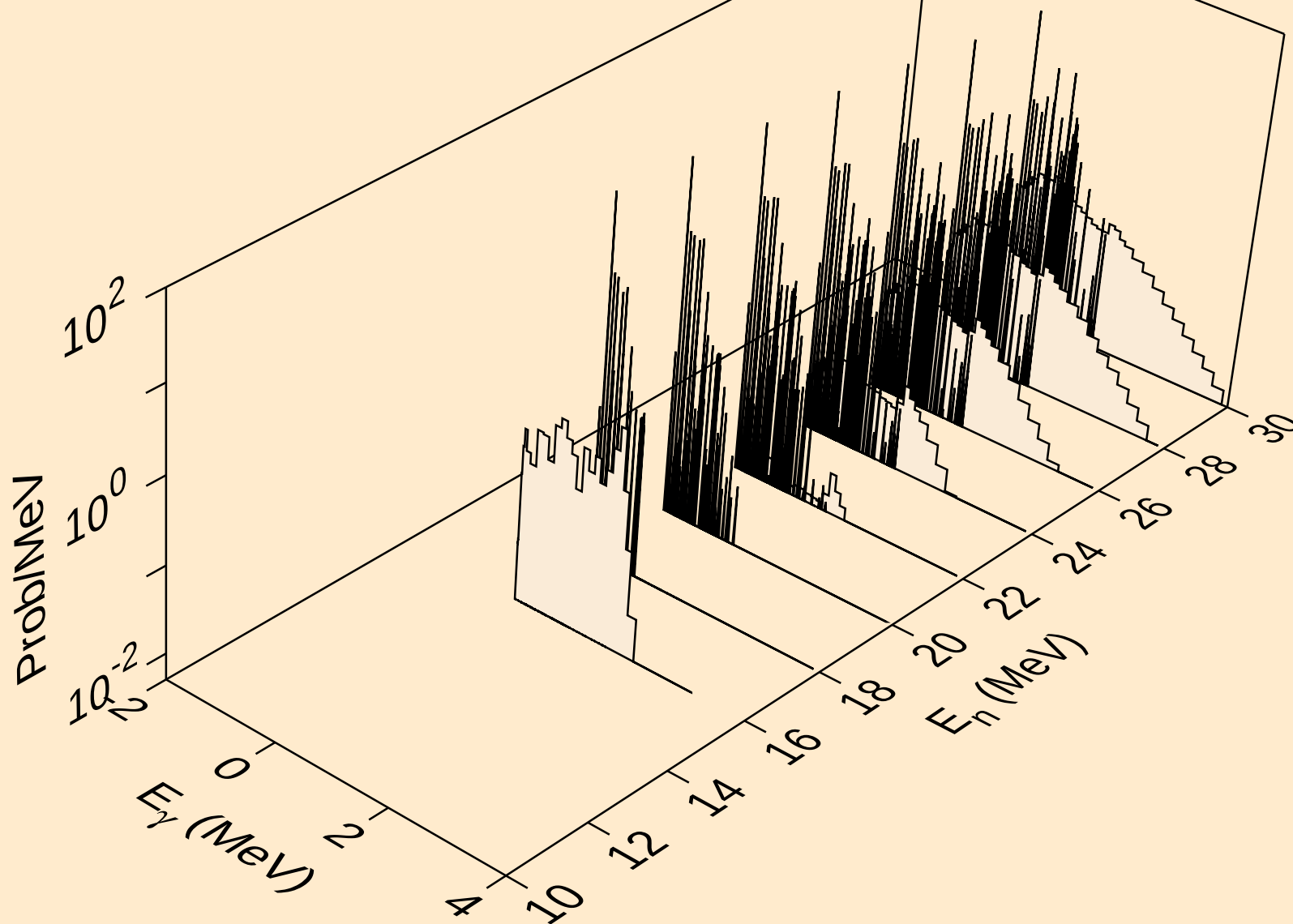
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



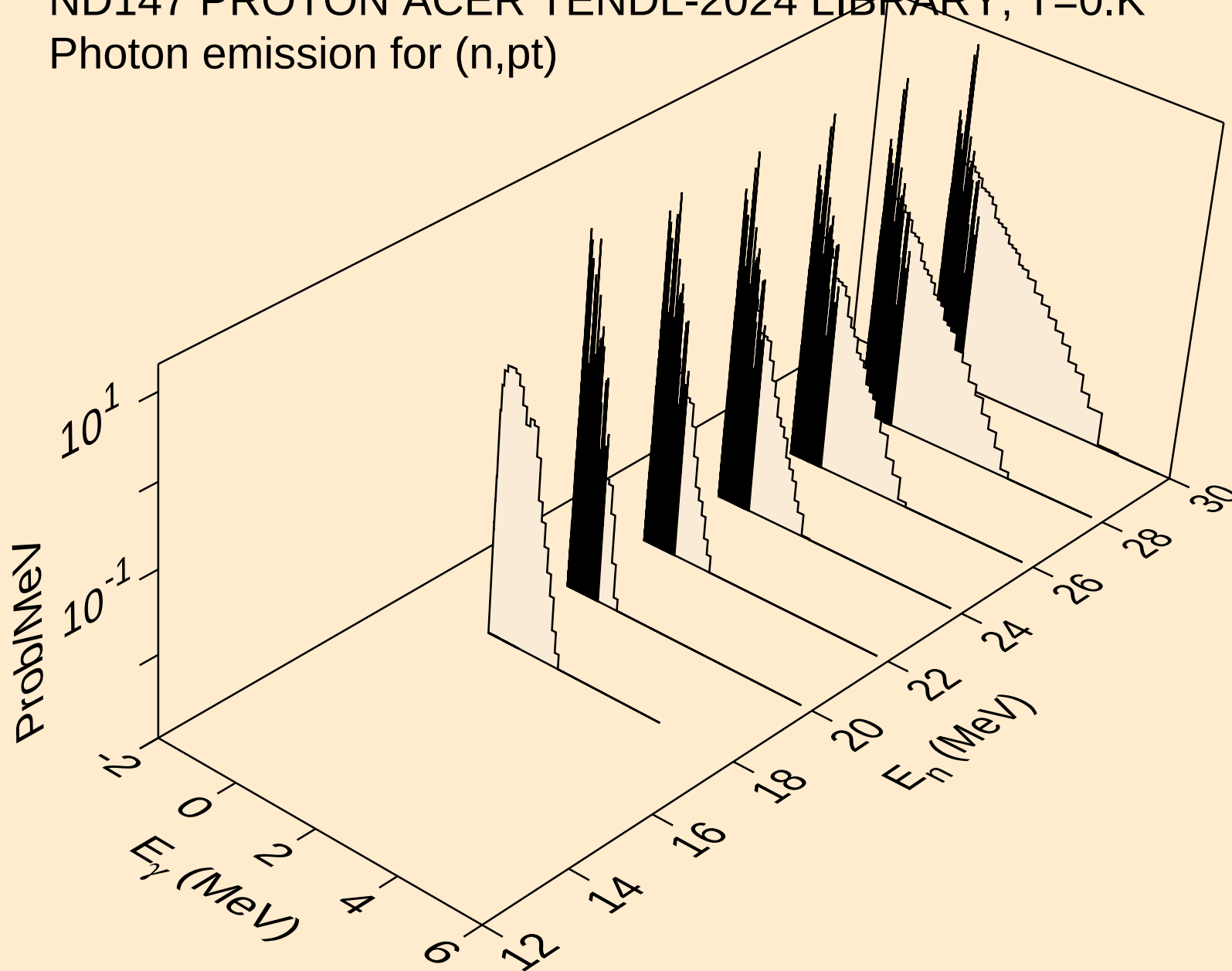
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)



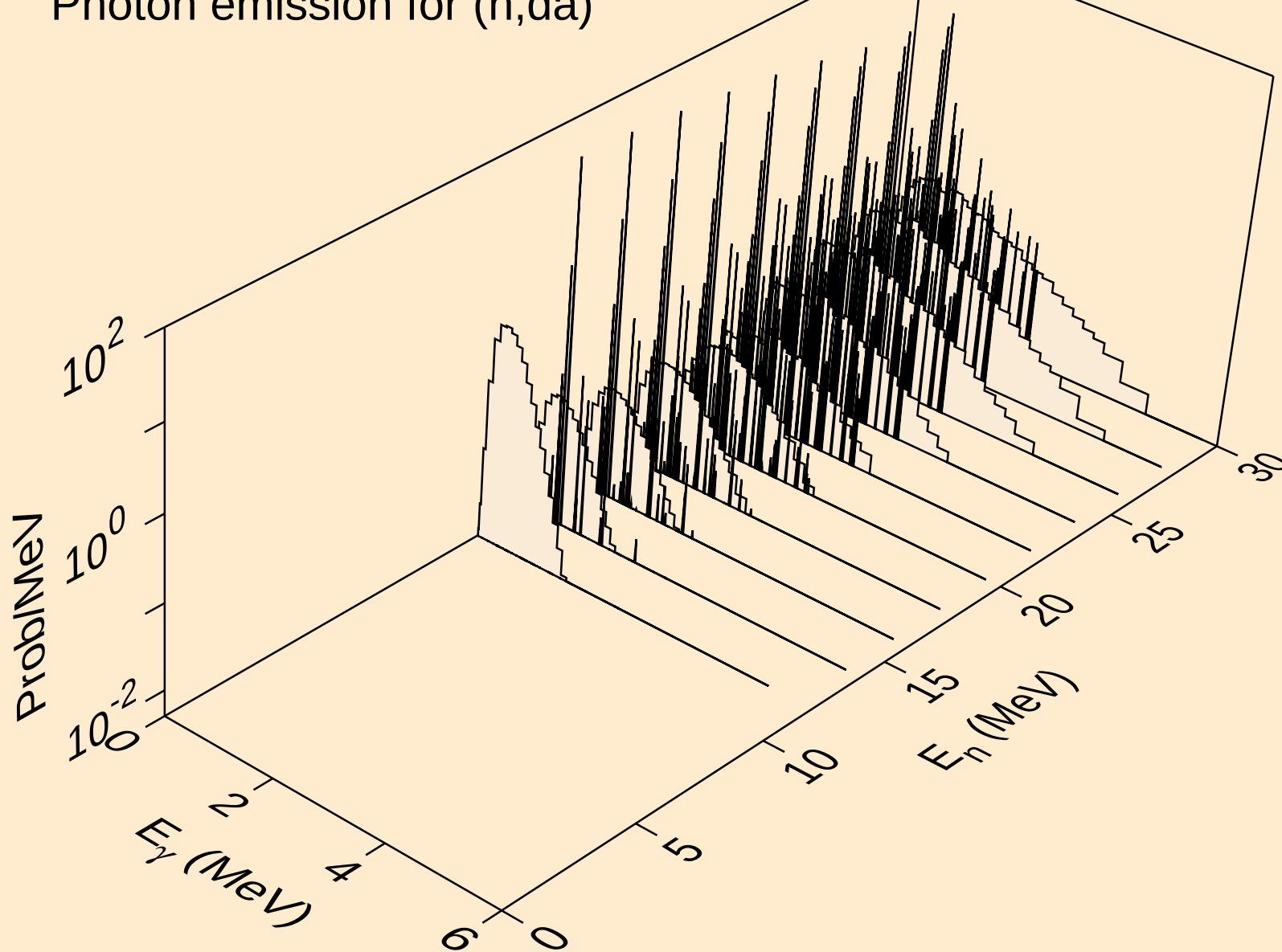
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)

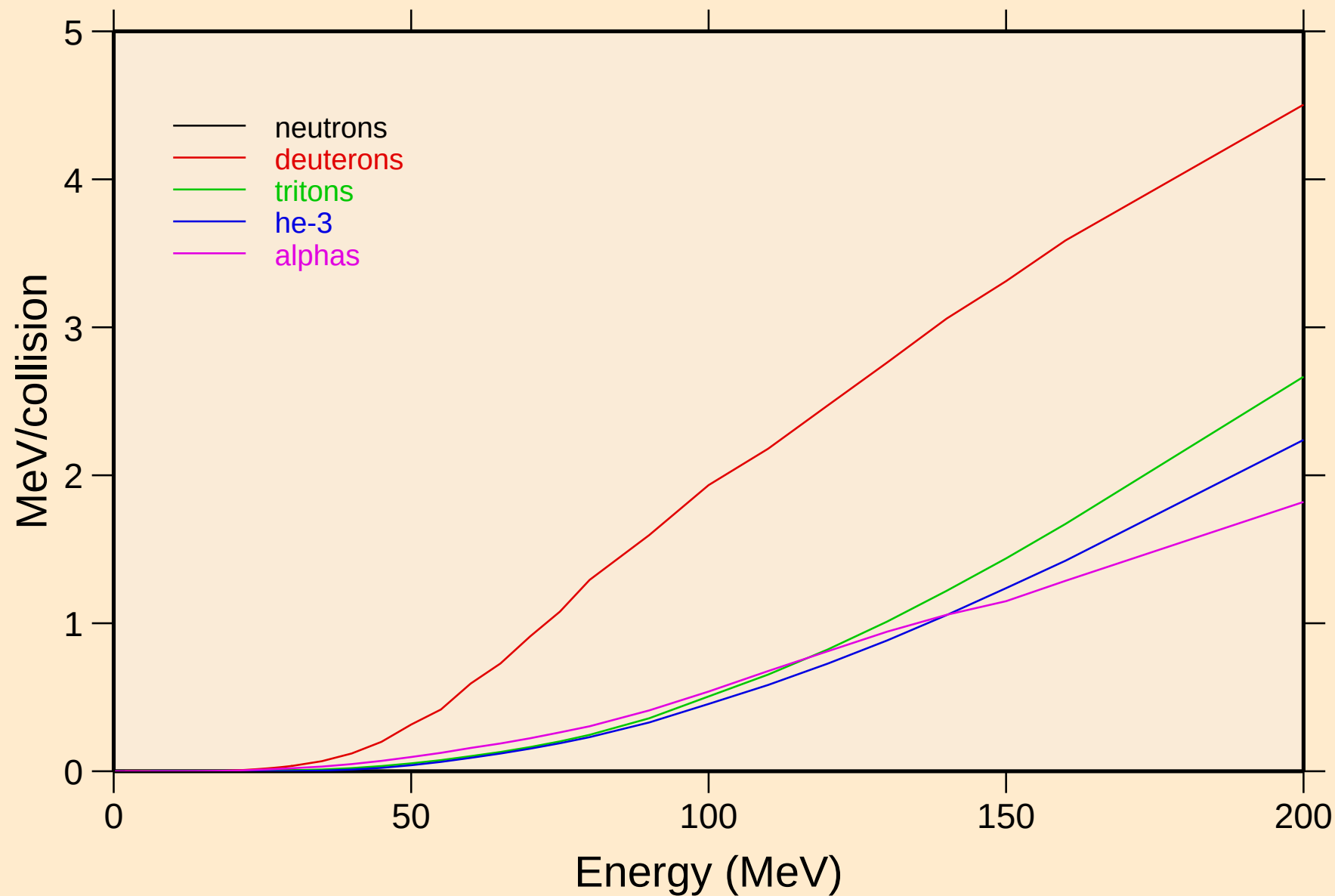


ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



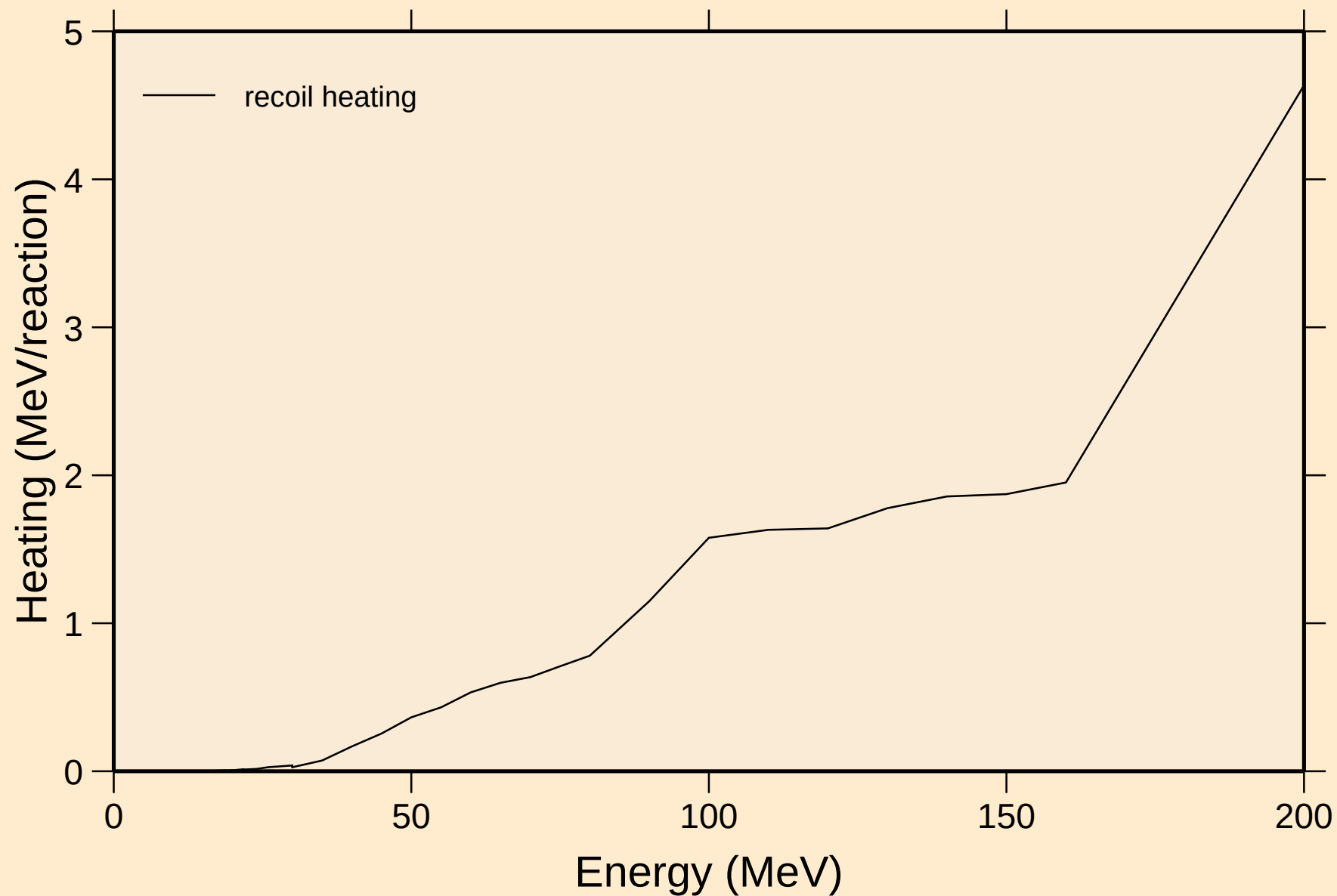
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



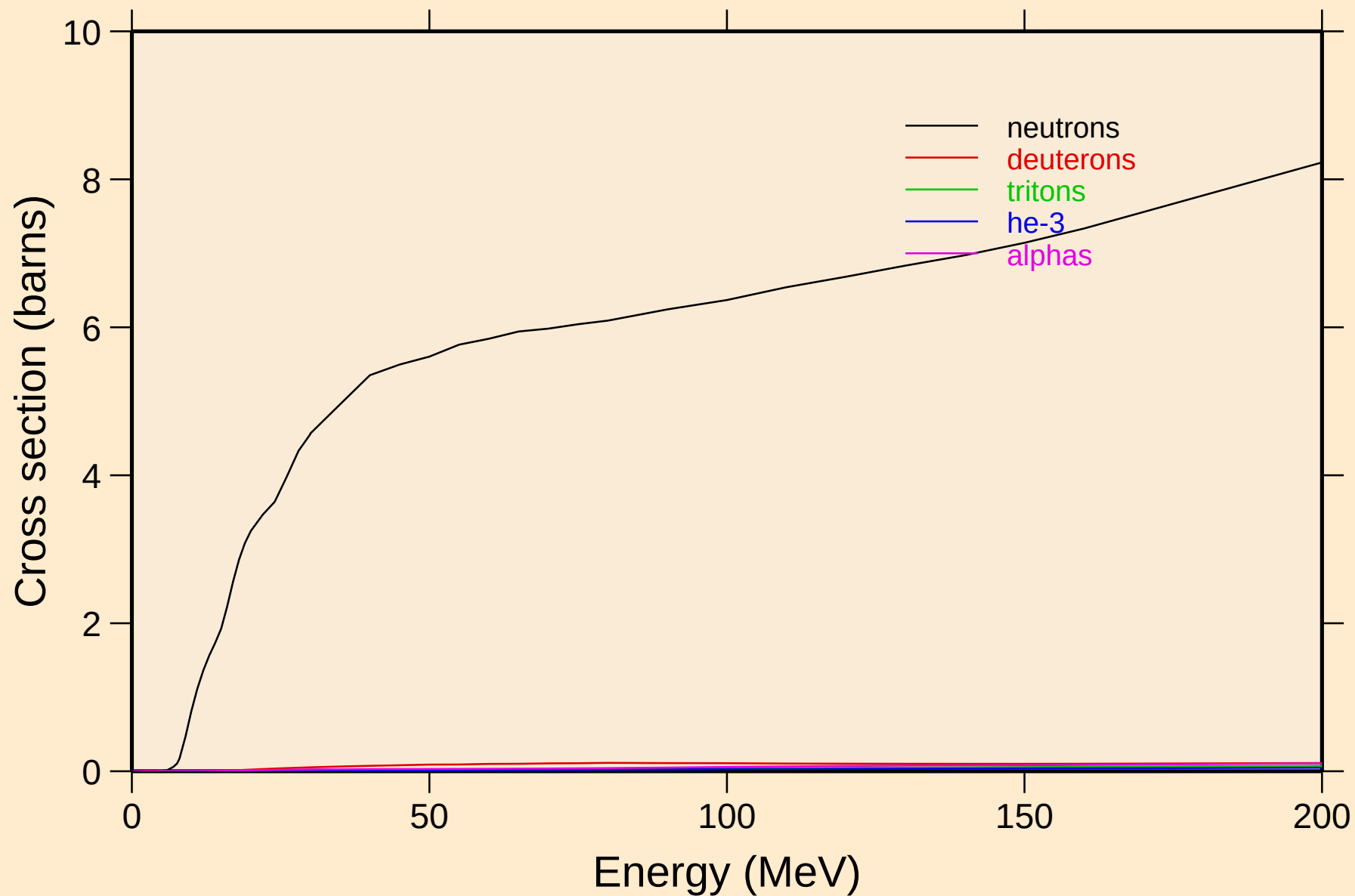
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

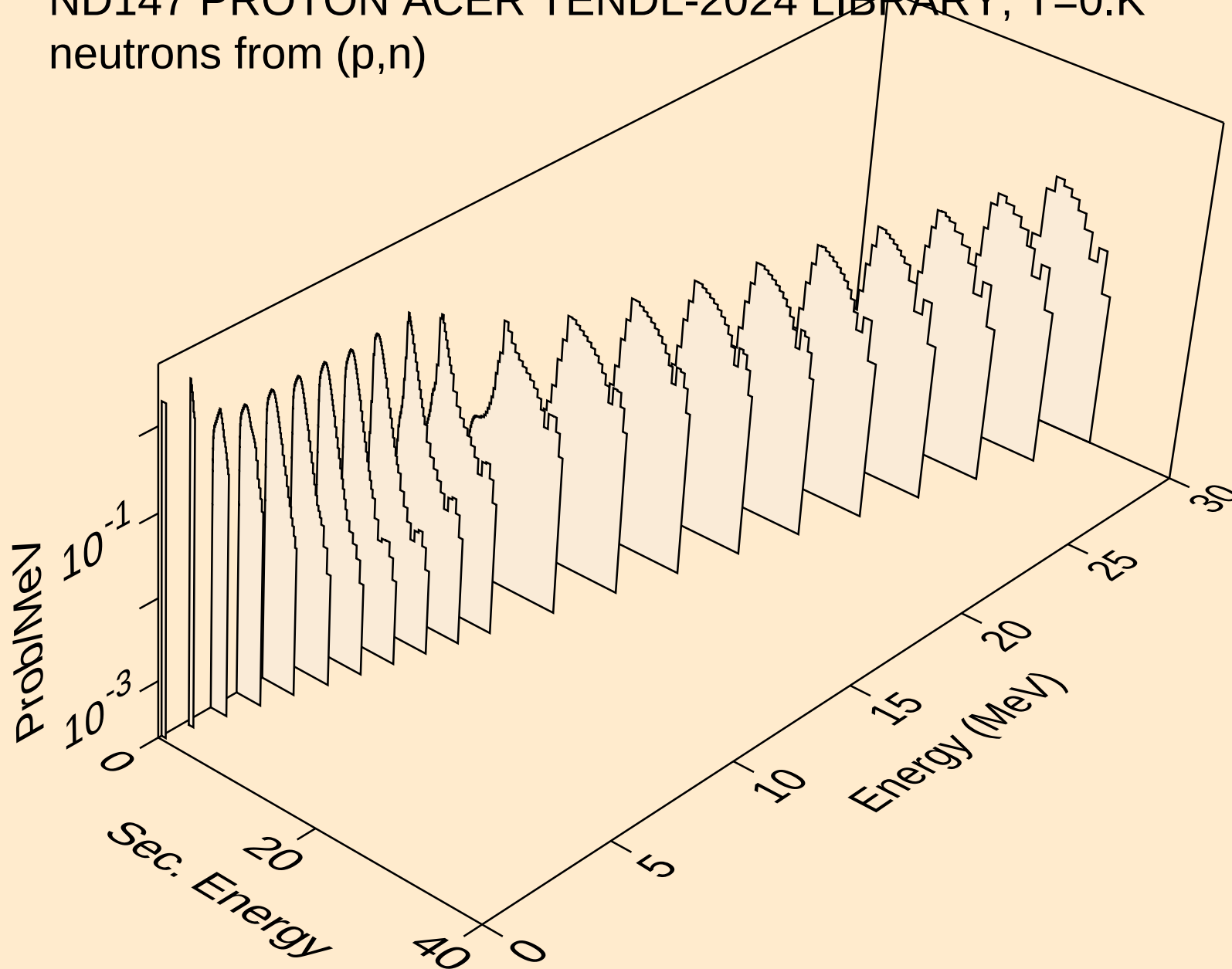


ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K

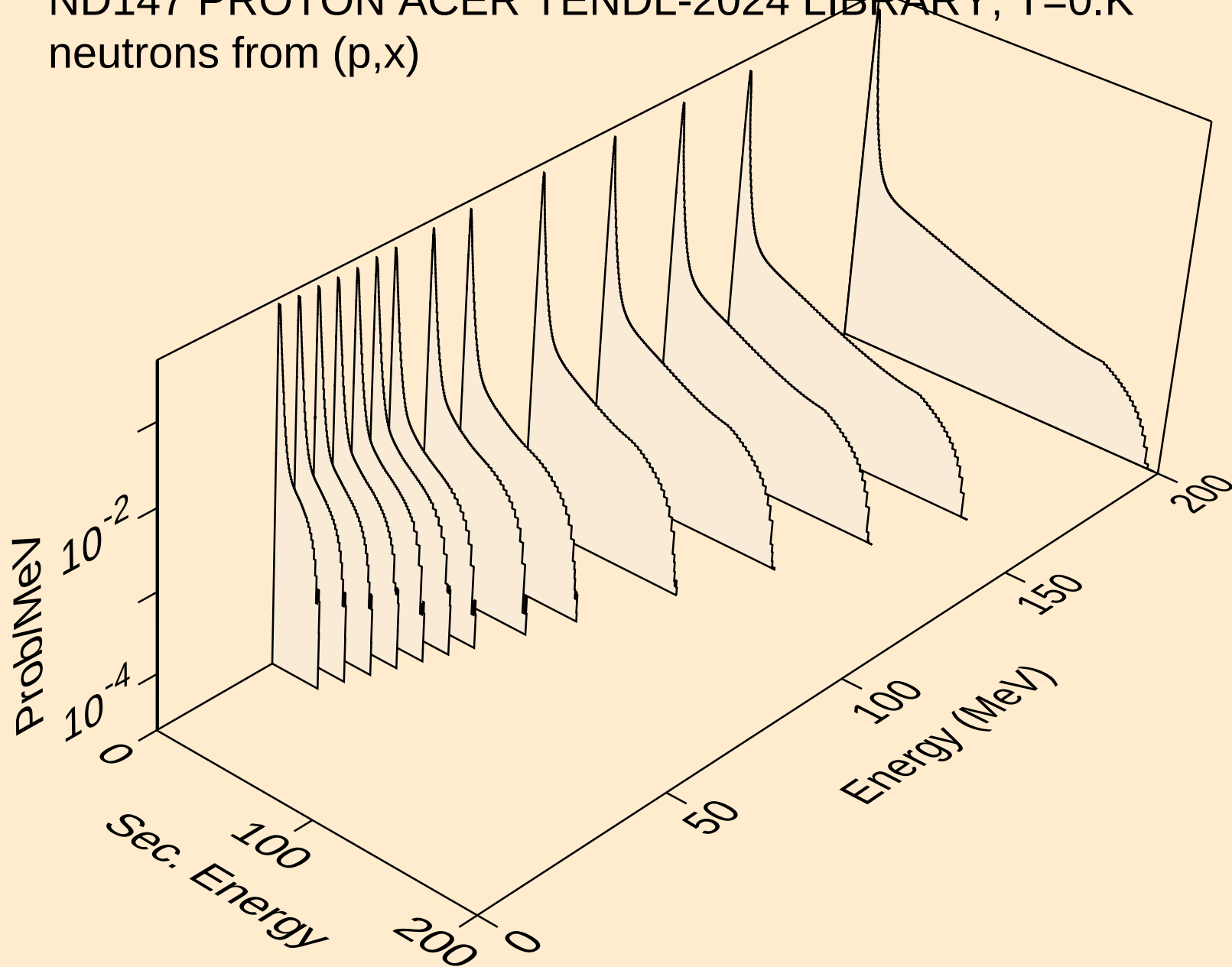
Particle production cross sections



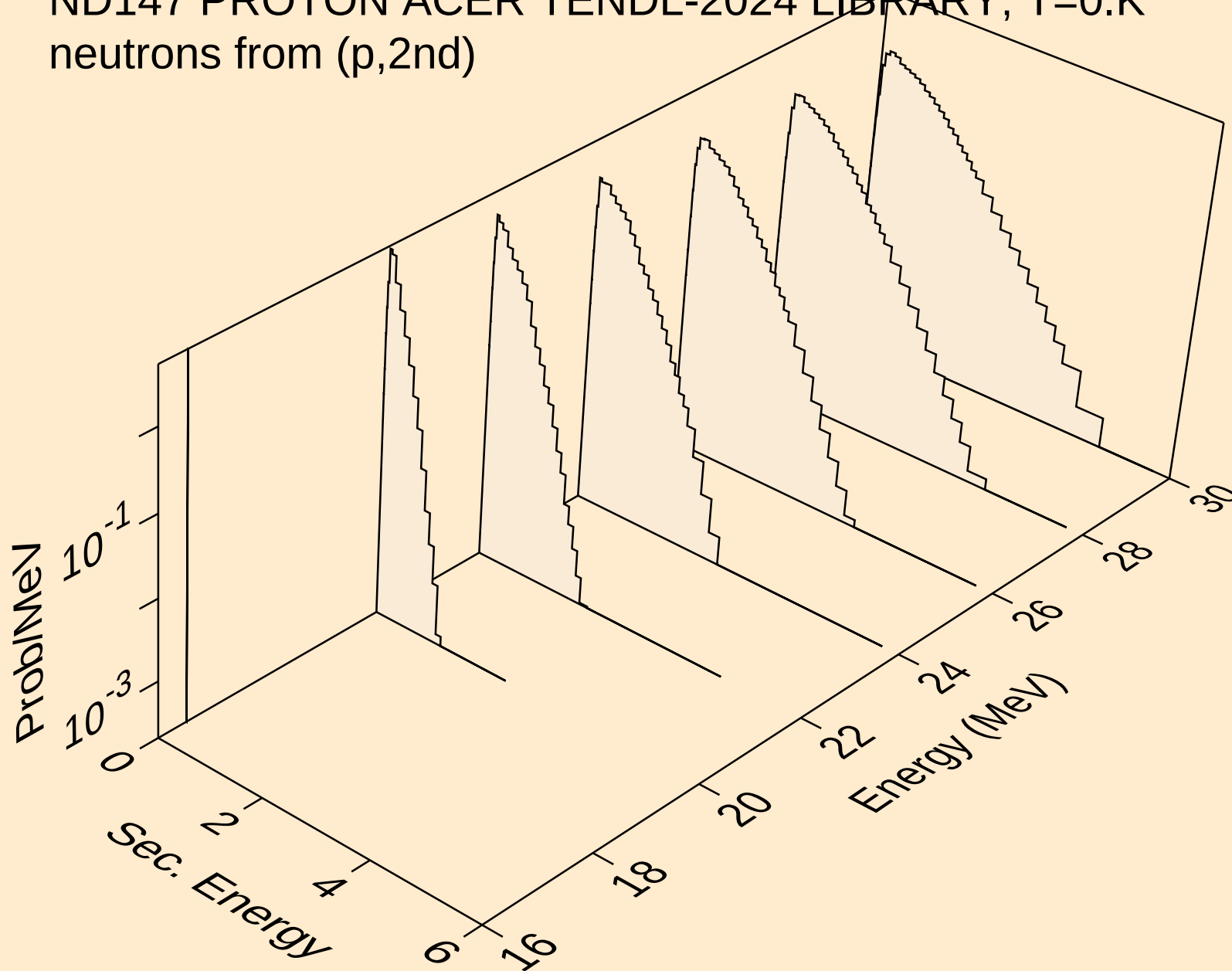
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n)



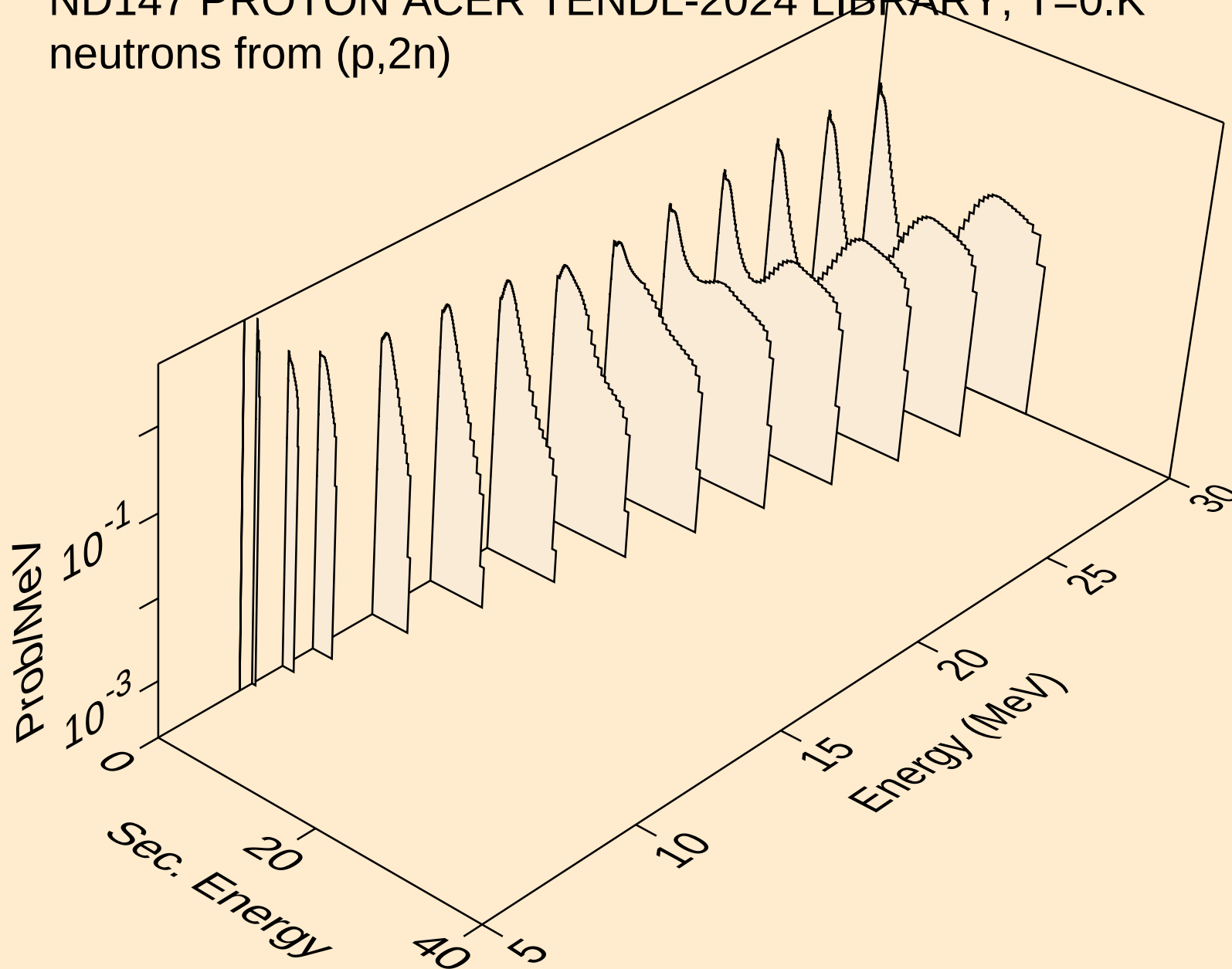
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,x)



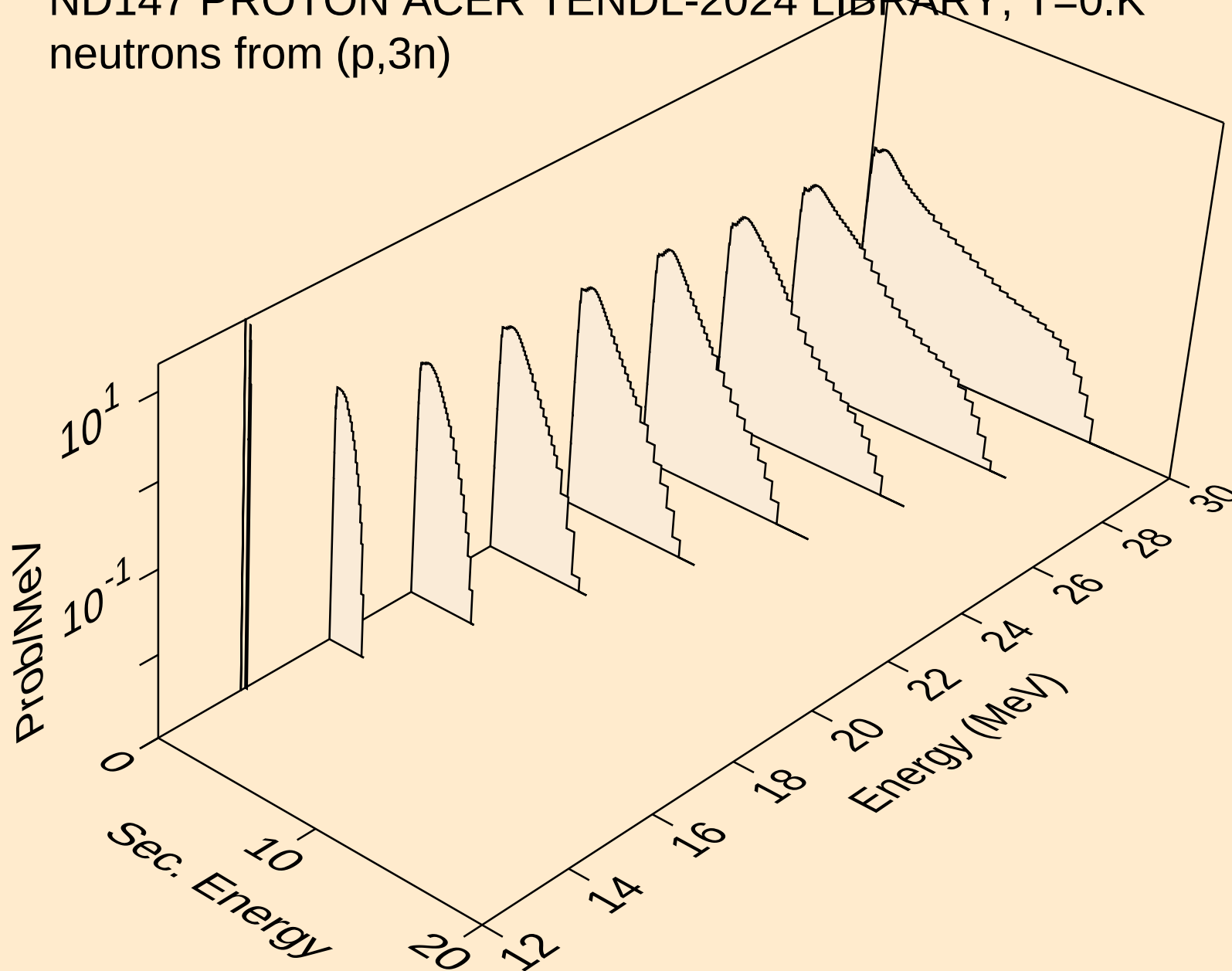
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2nd)



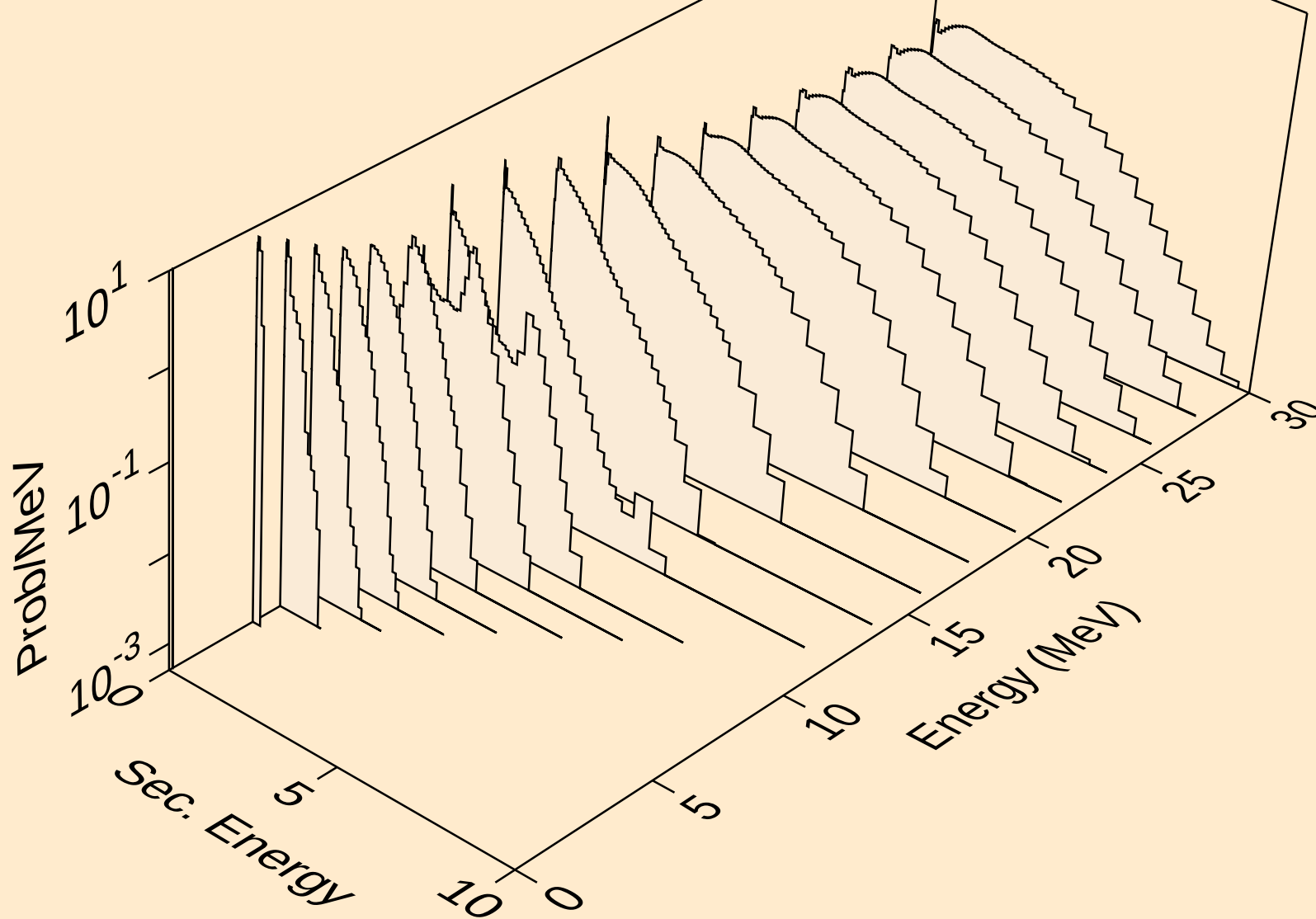
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)



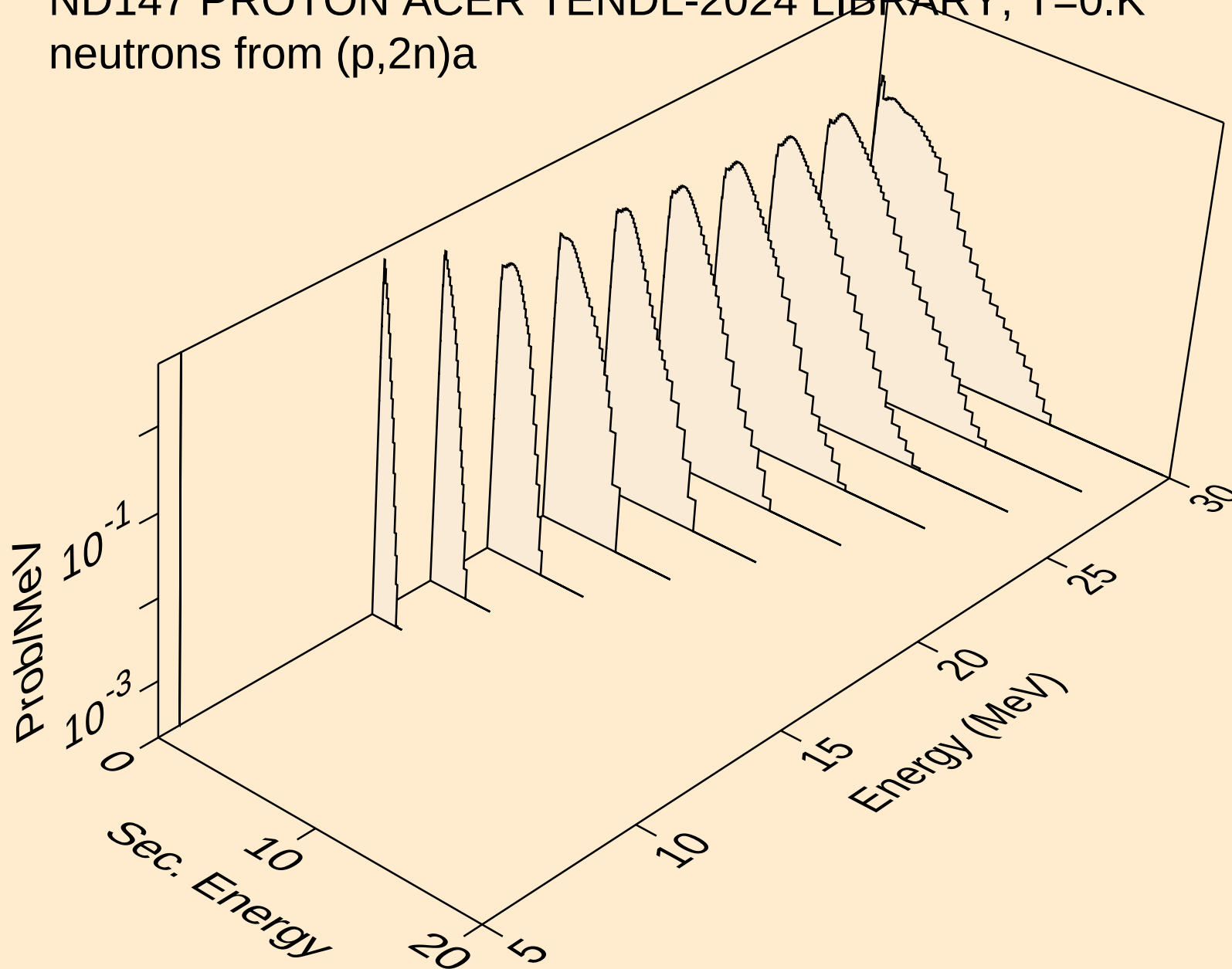
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)



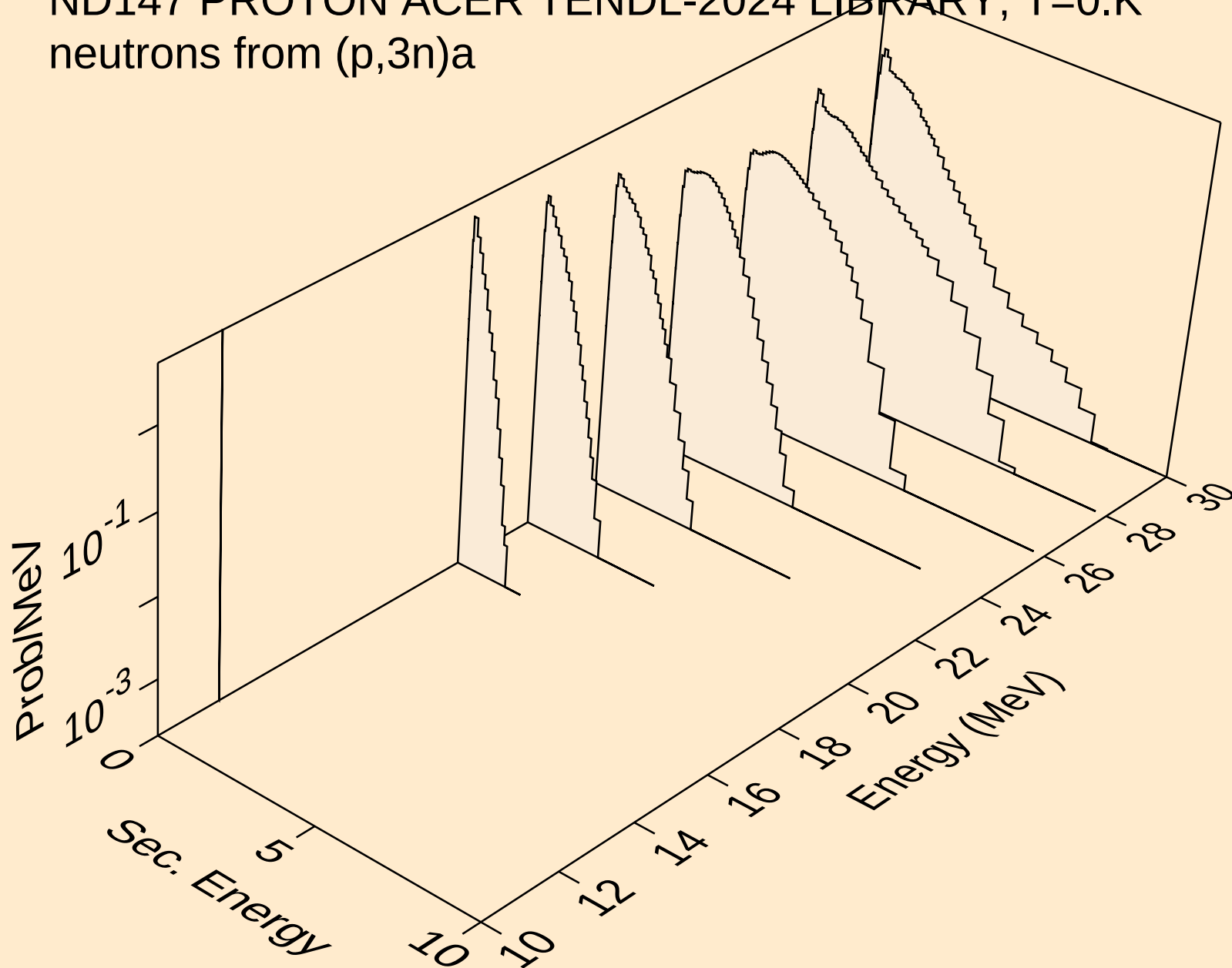
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)a



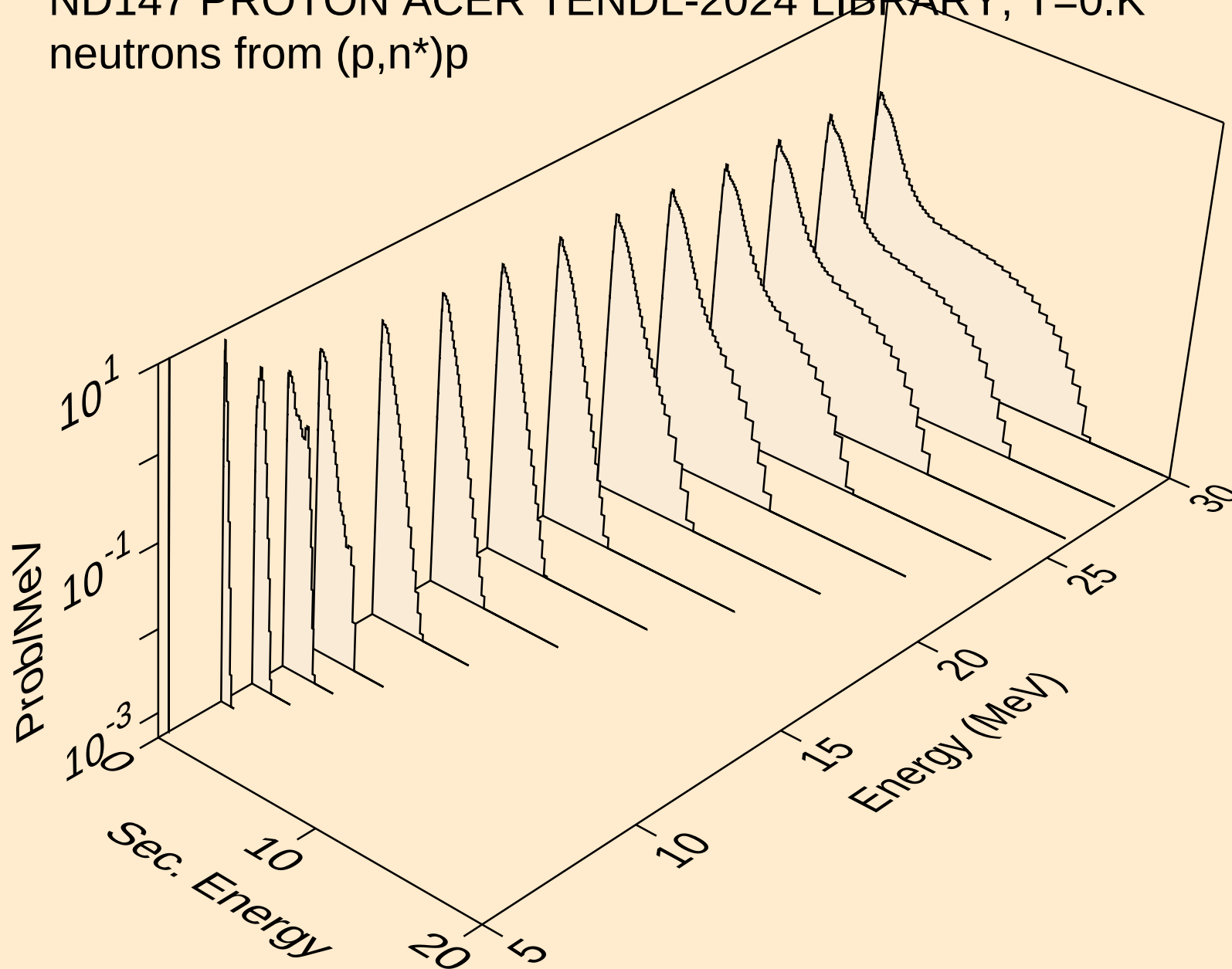
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)a



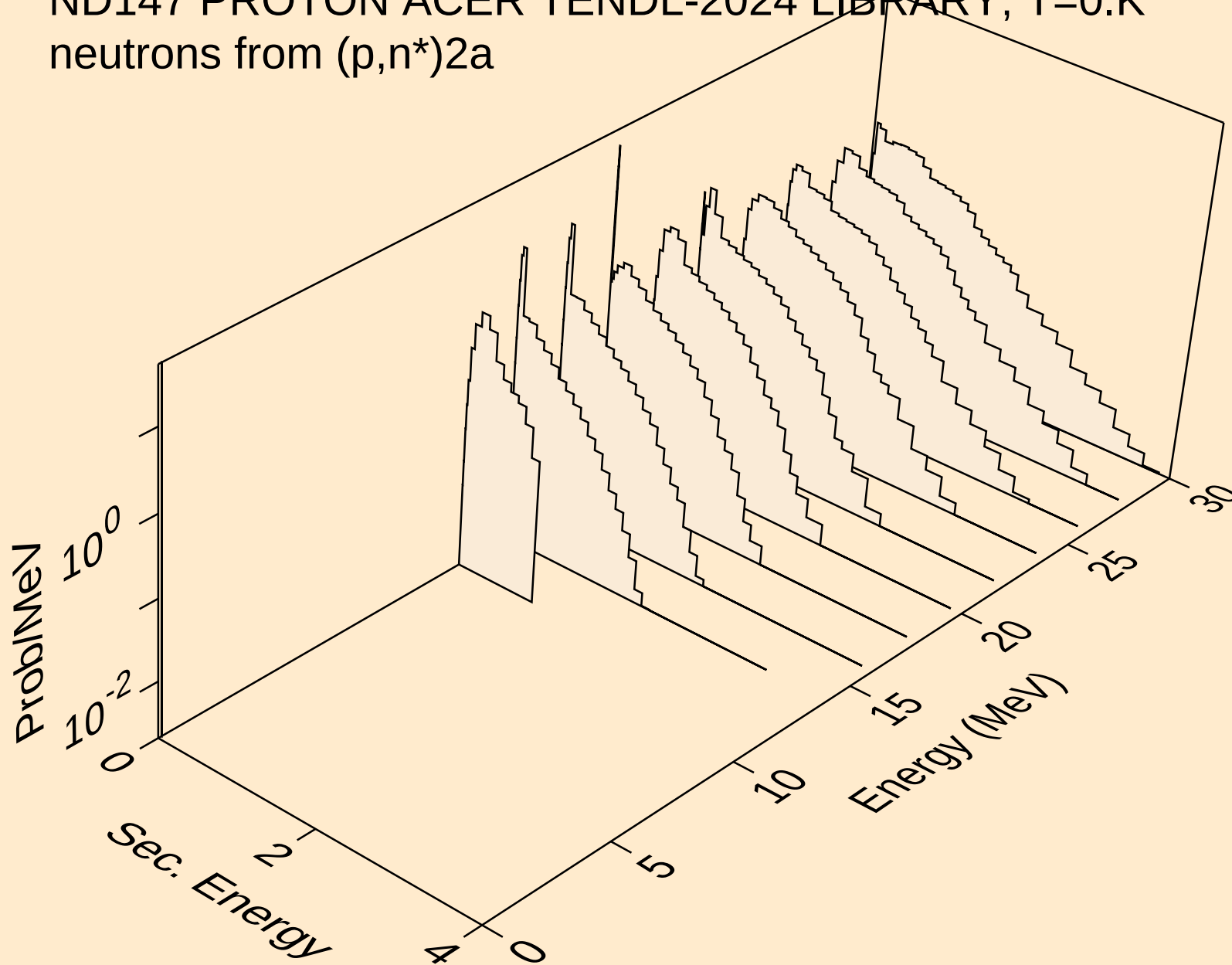
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)a



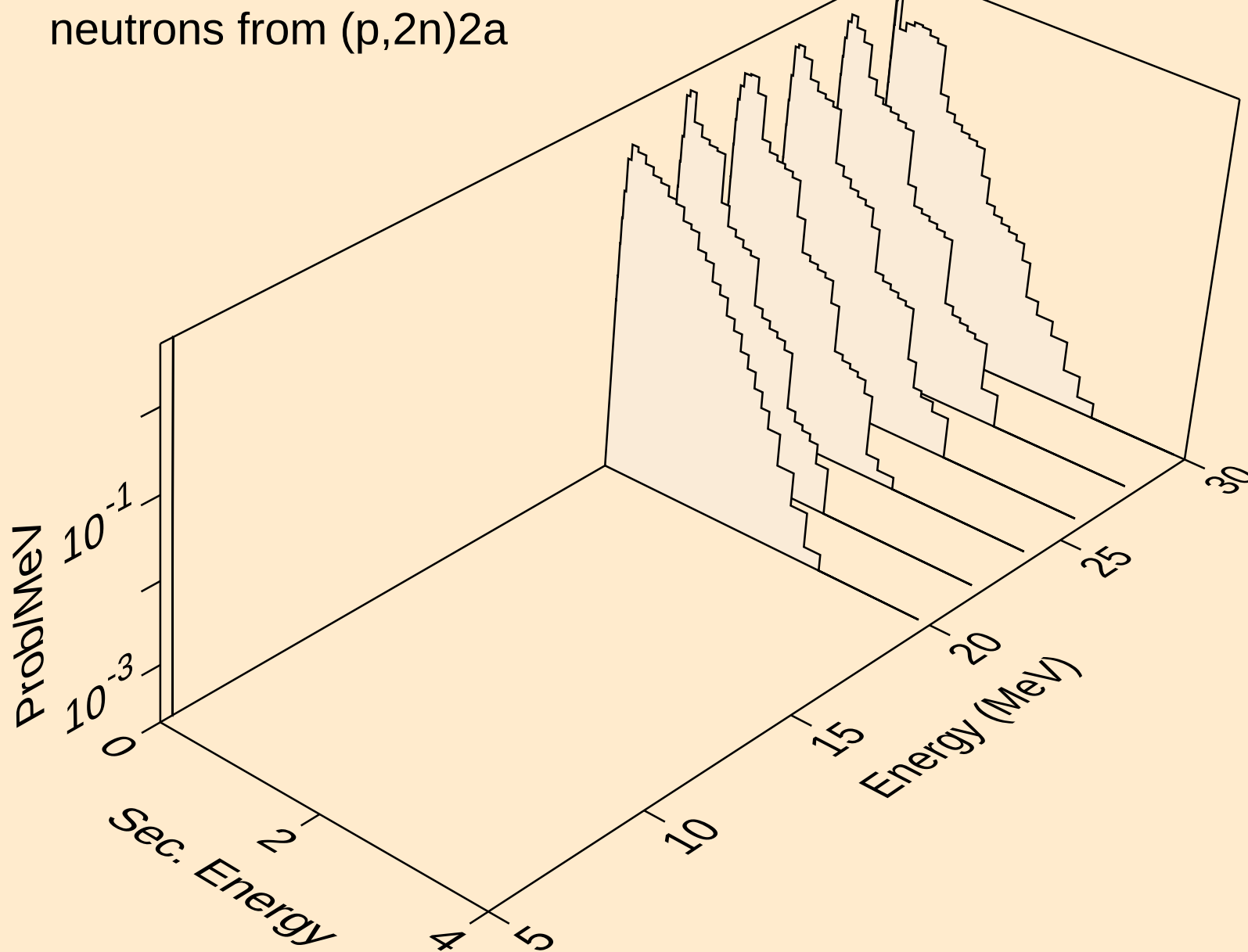
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)p



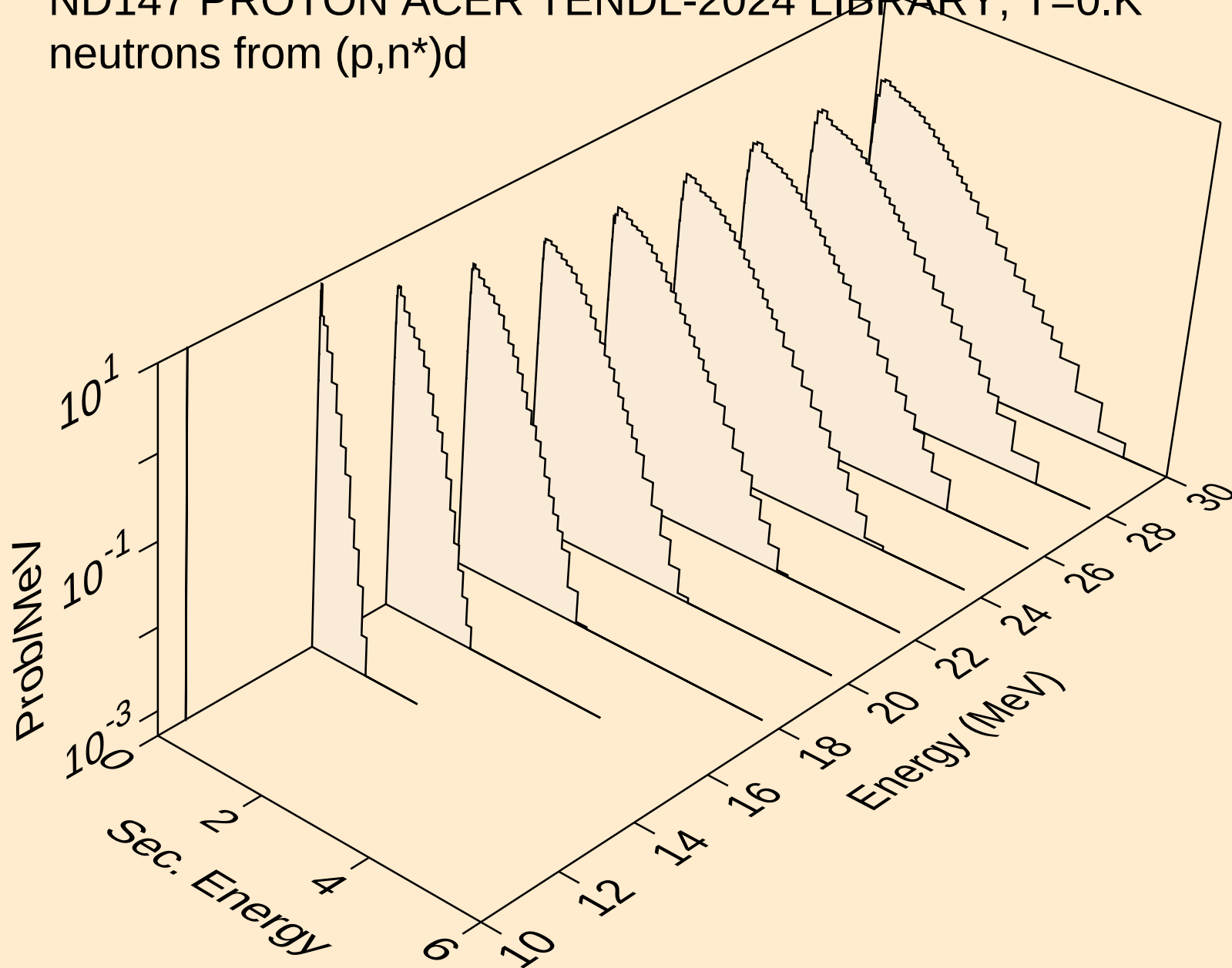
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neutrons from (p,n*)2a



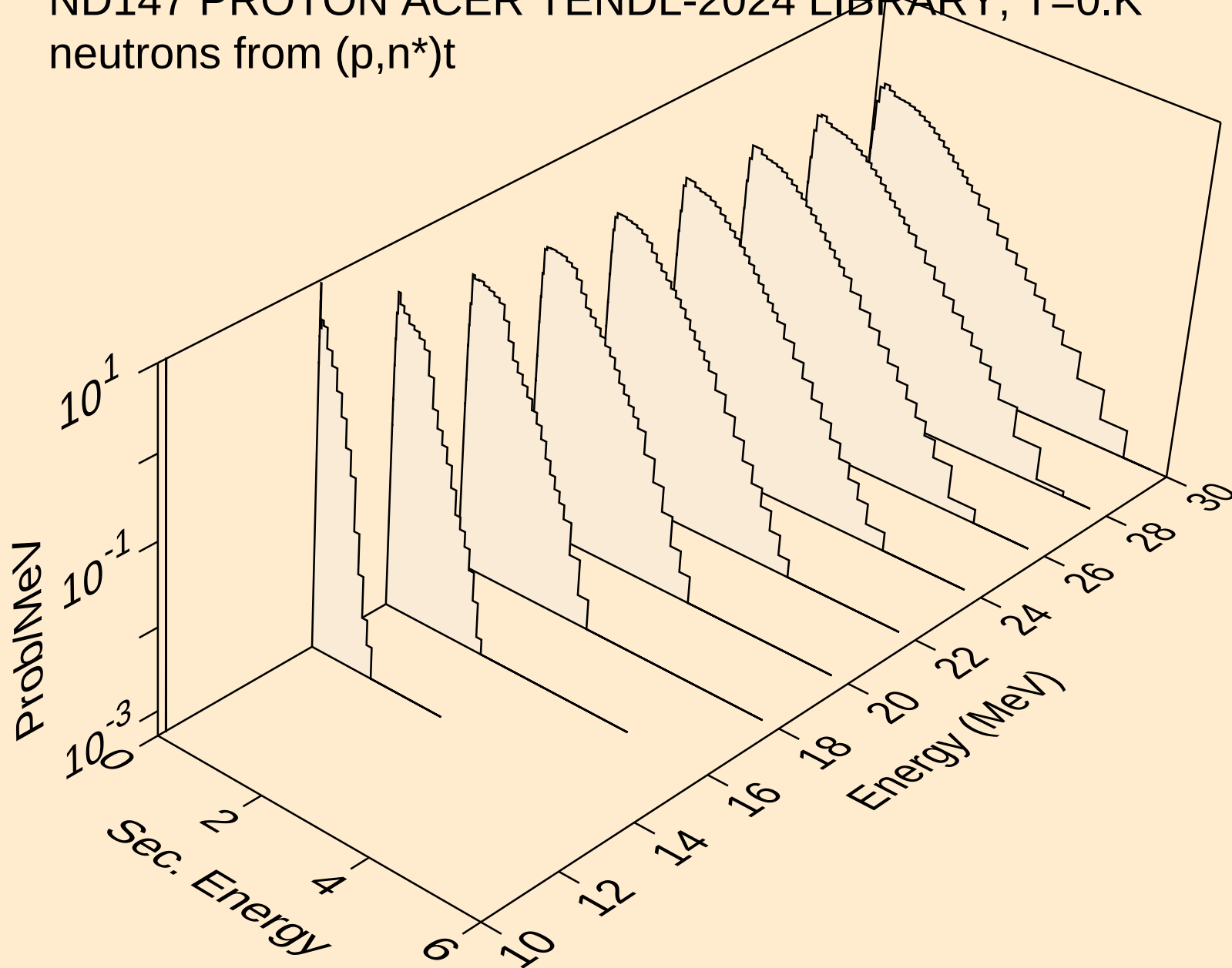
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neutrons from (p,2n)2a



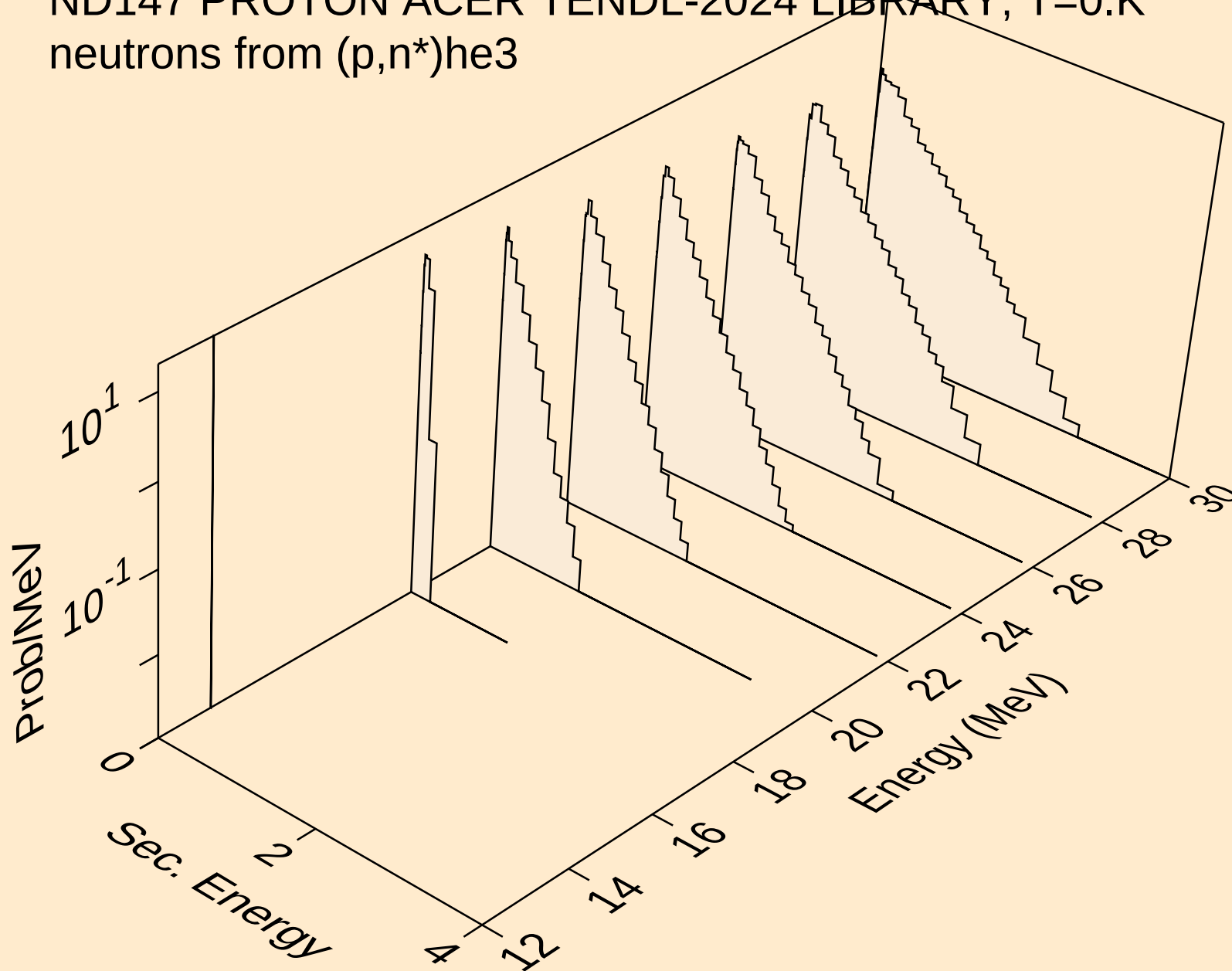
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)d



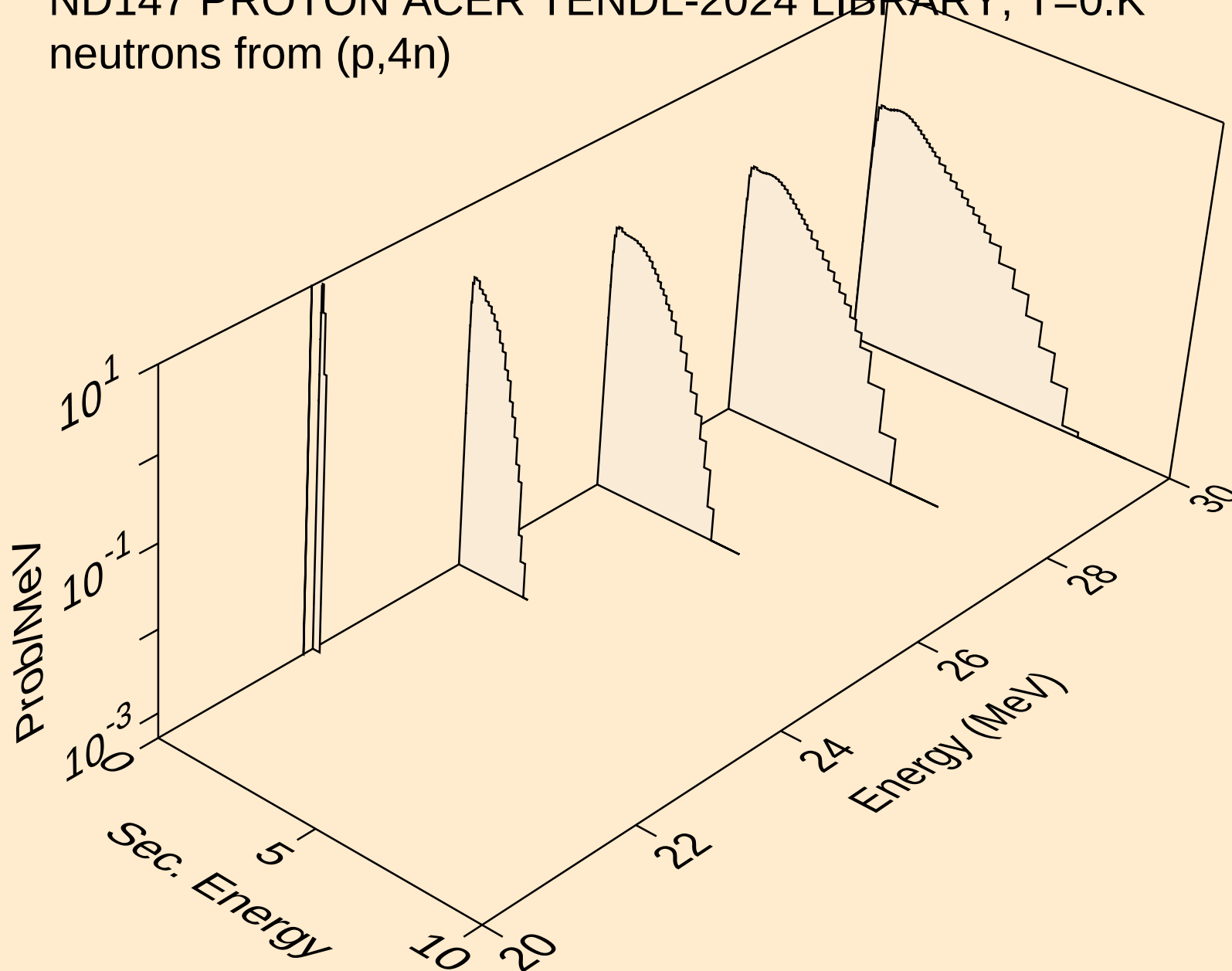
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)t



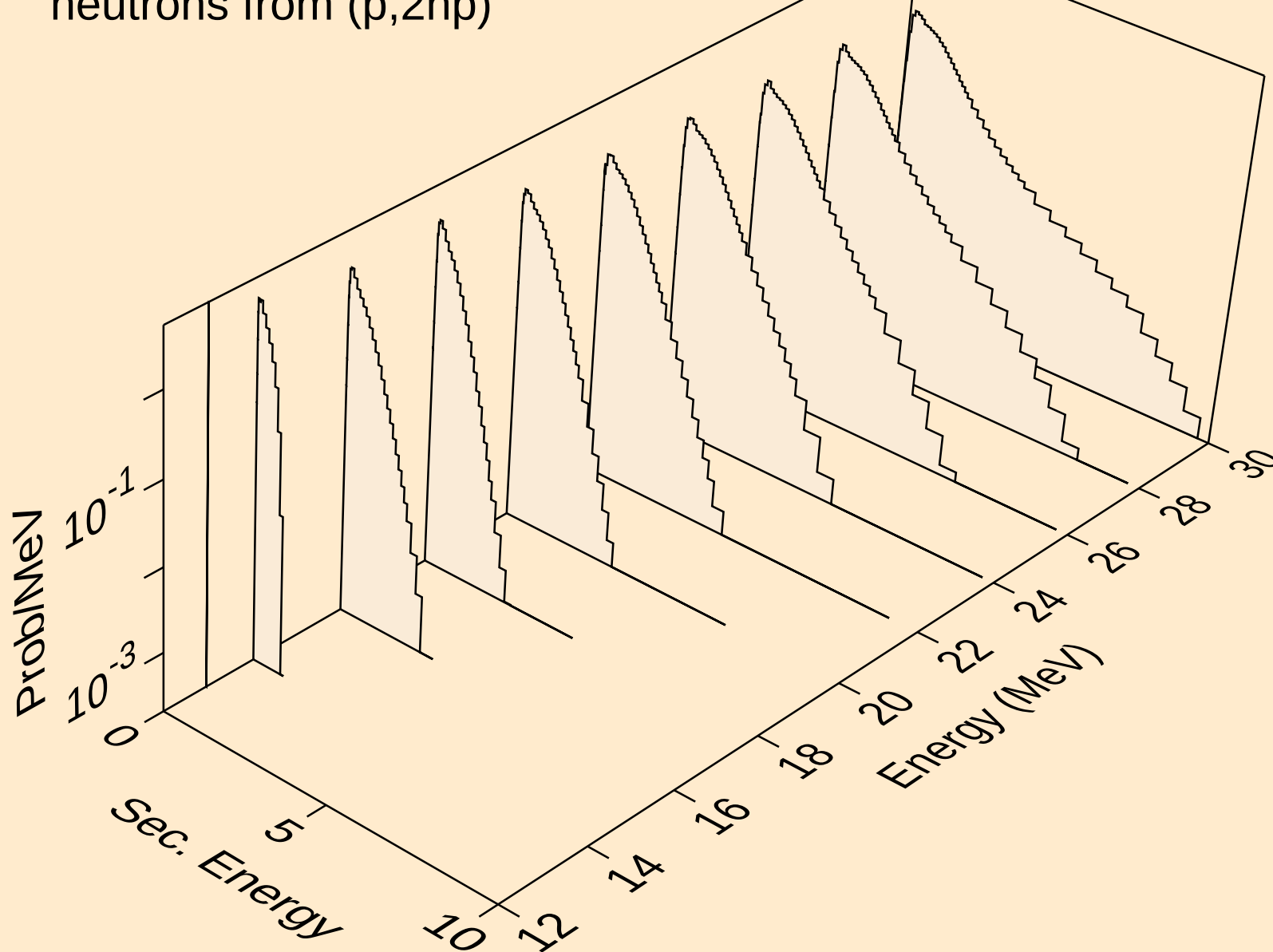
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)he3



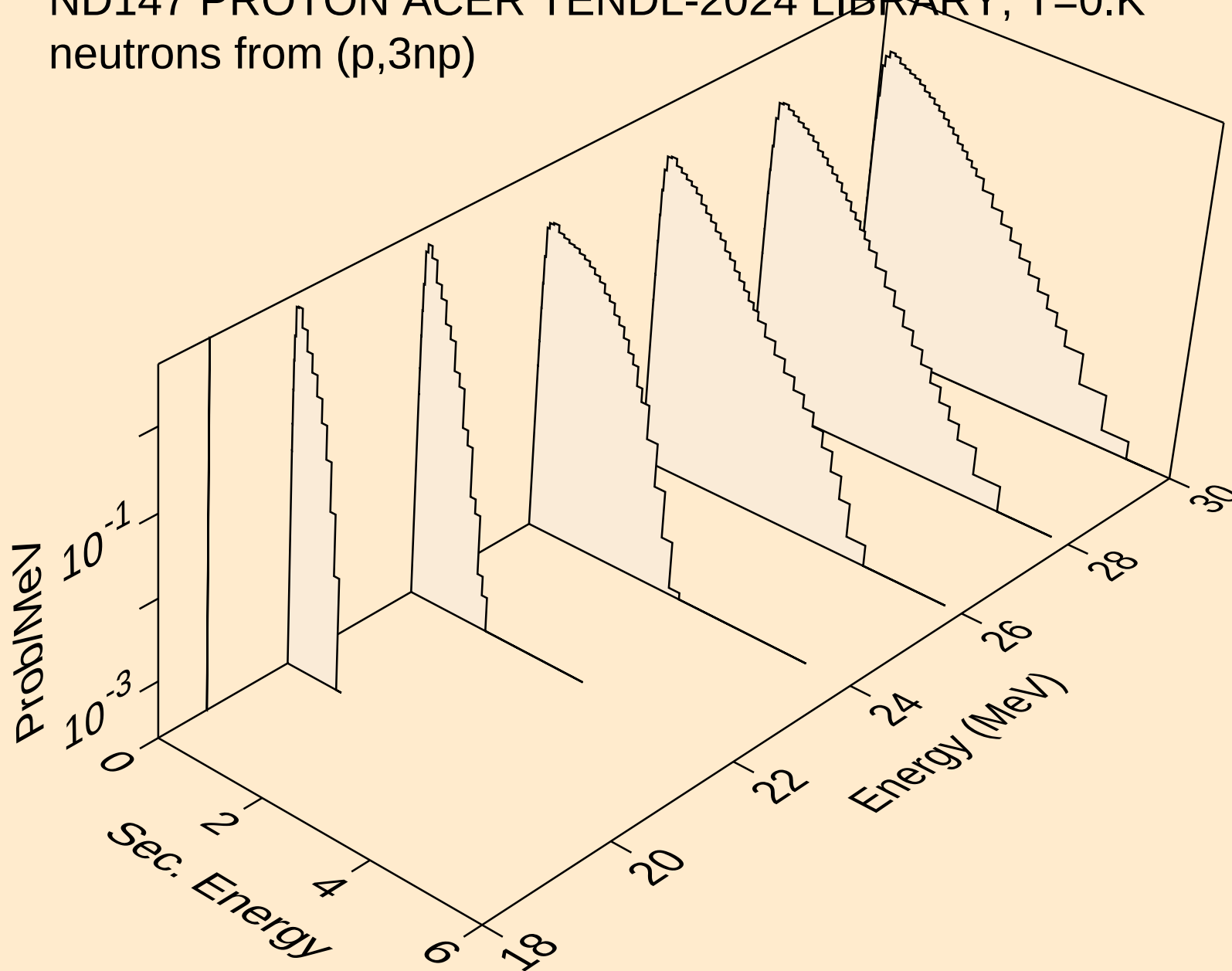
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,4n)



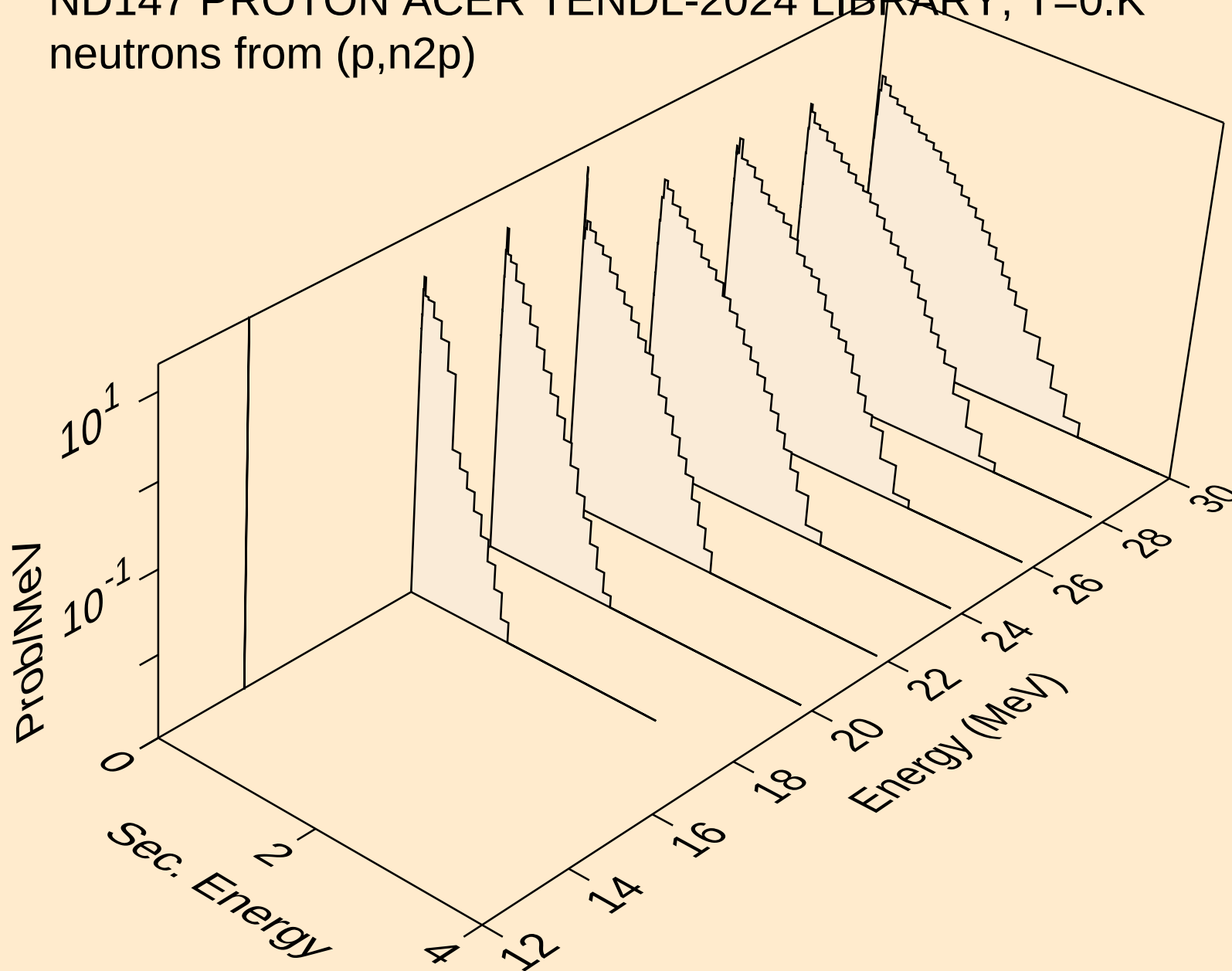
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2np)



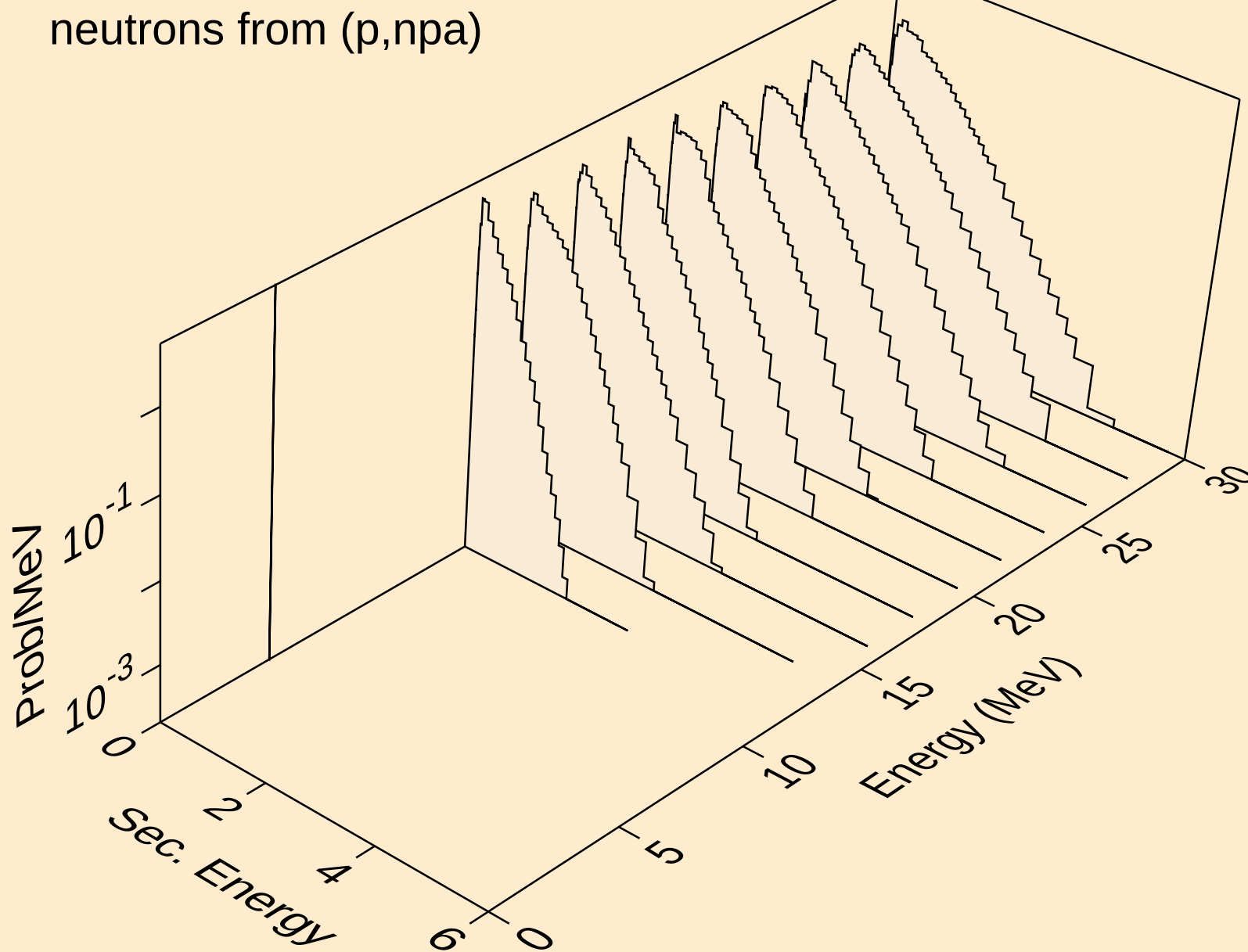
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3np)



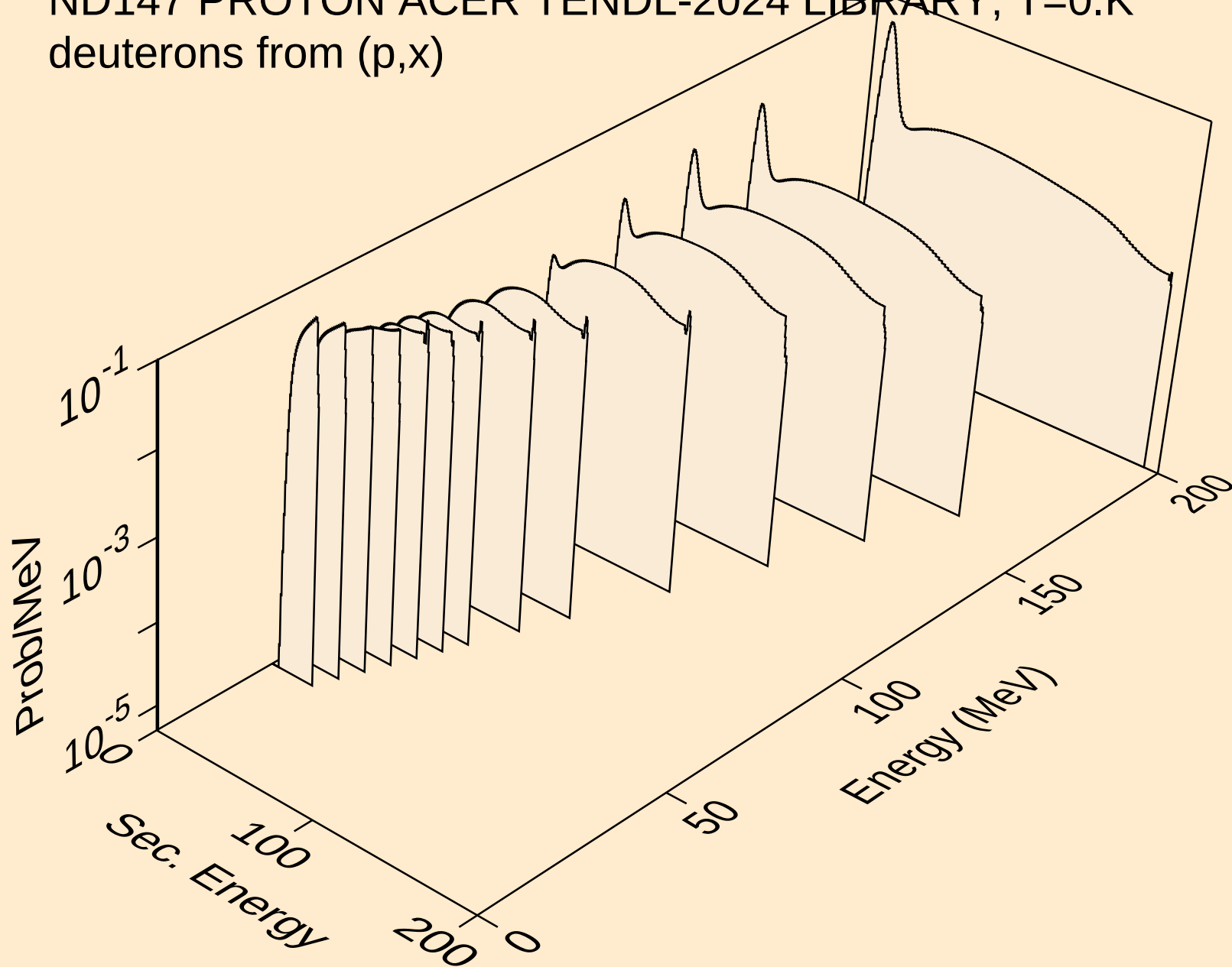
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n2p)



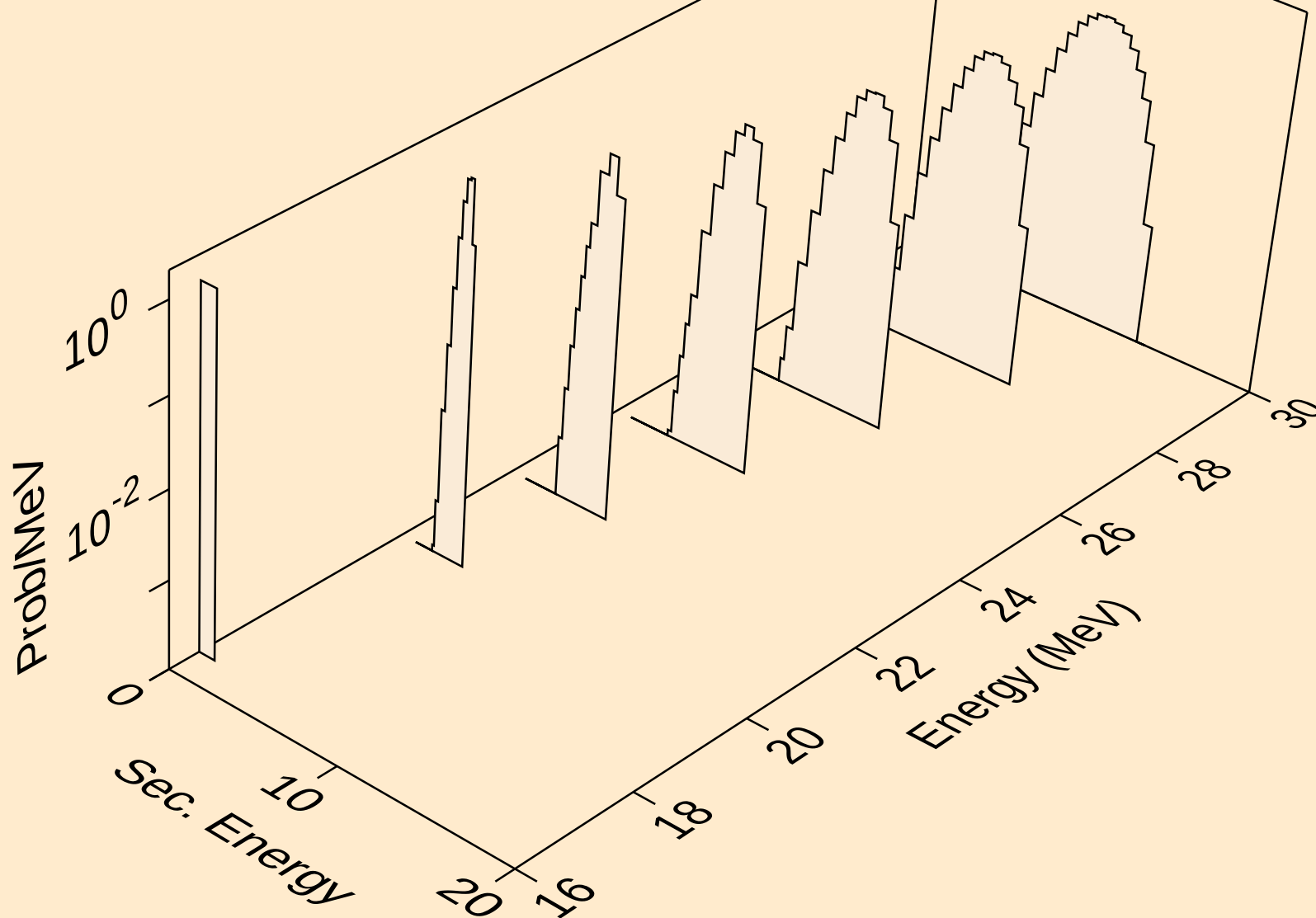
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,npa)



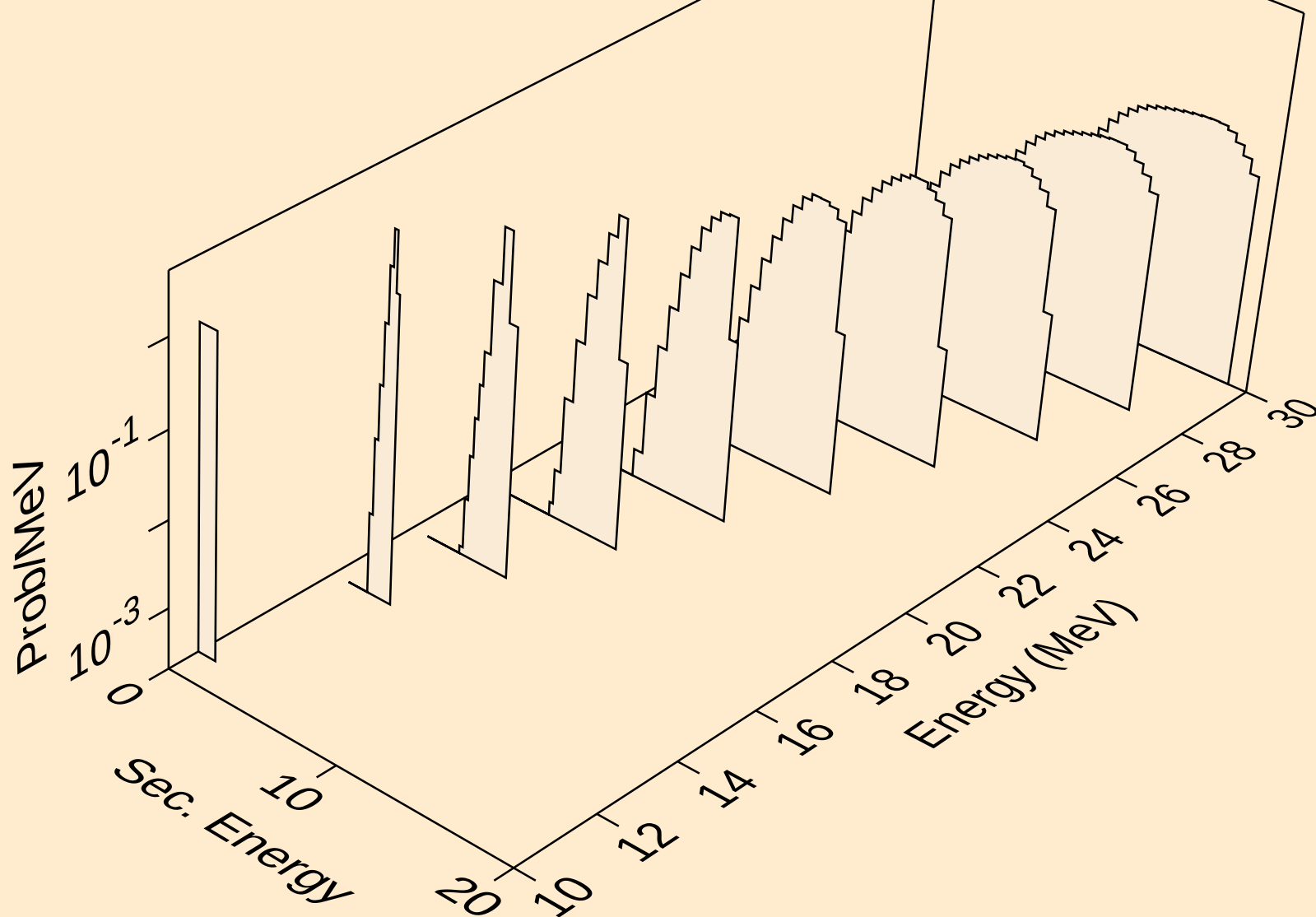
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,x)



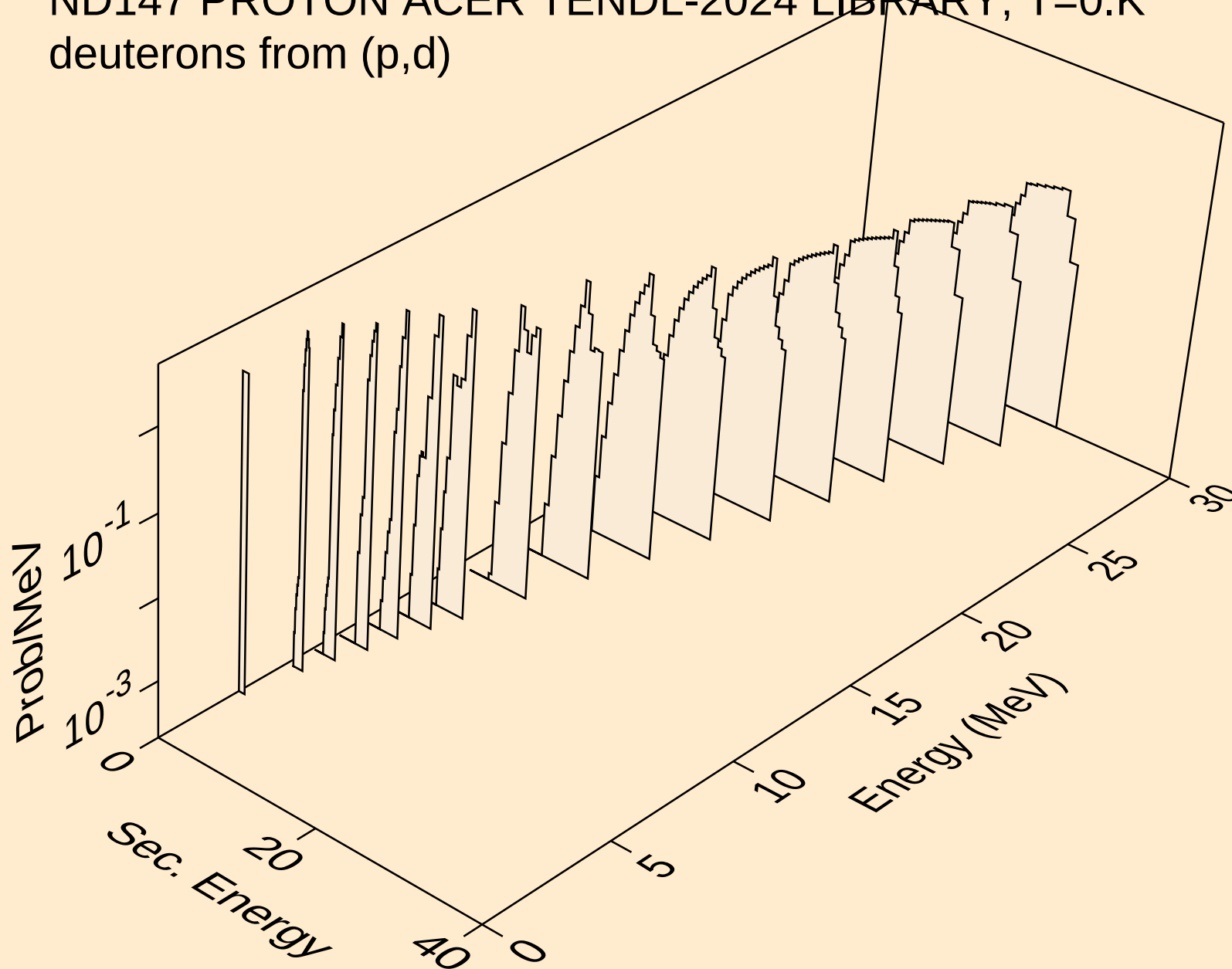
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deuterons from (p,2nd)



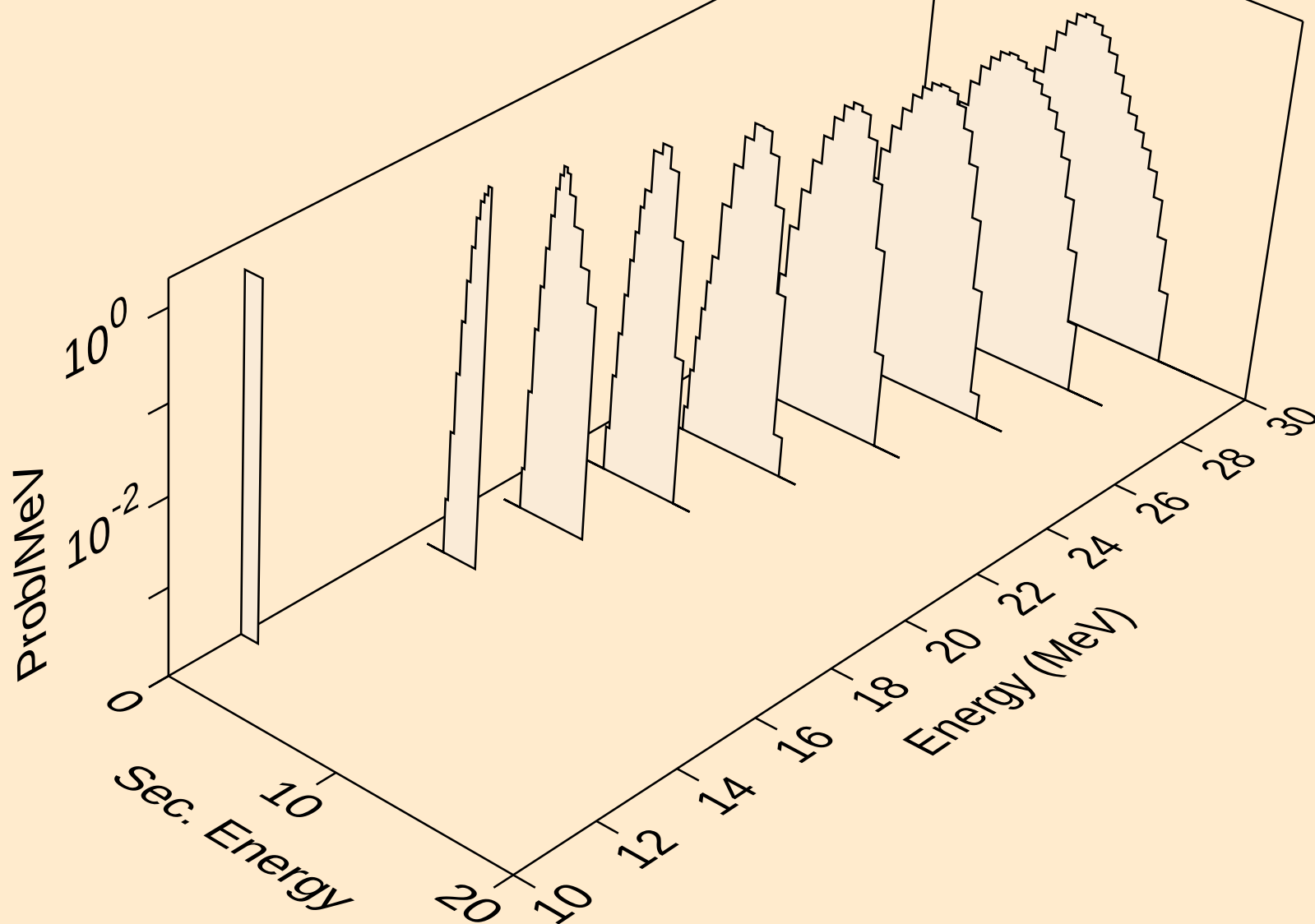
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,n*)d



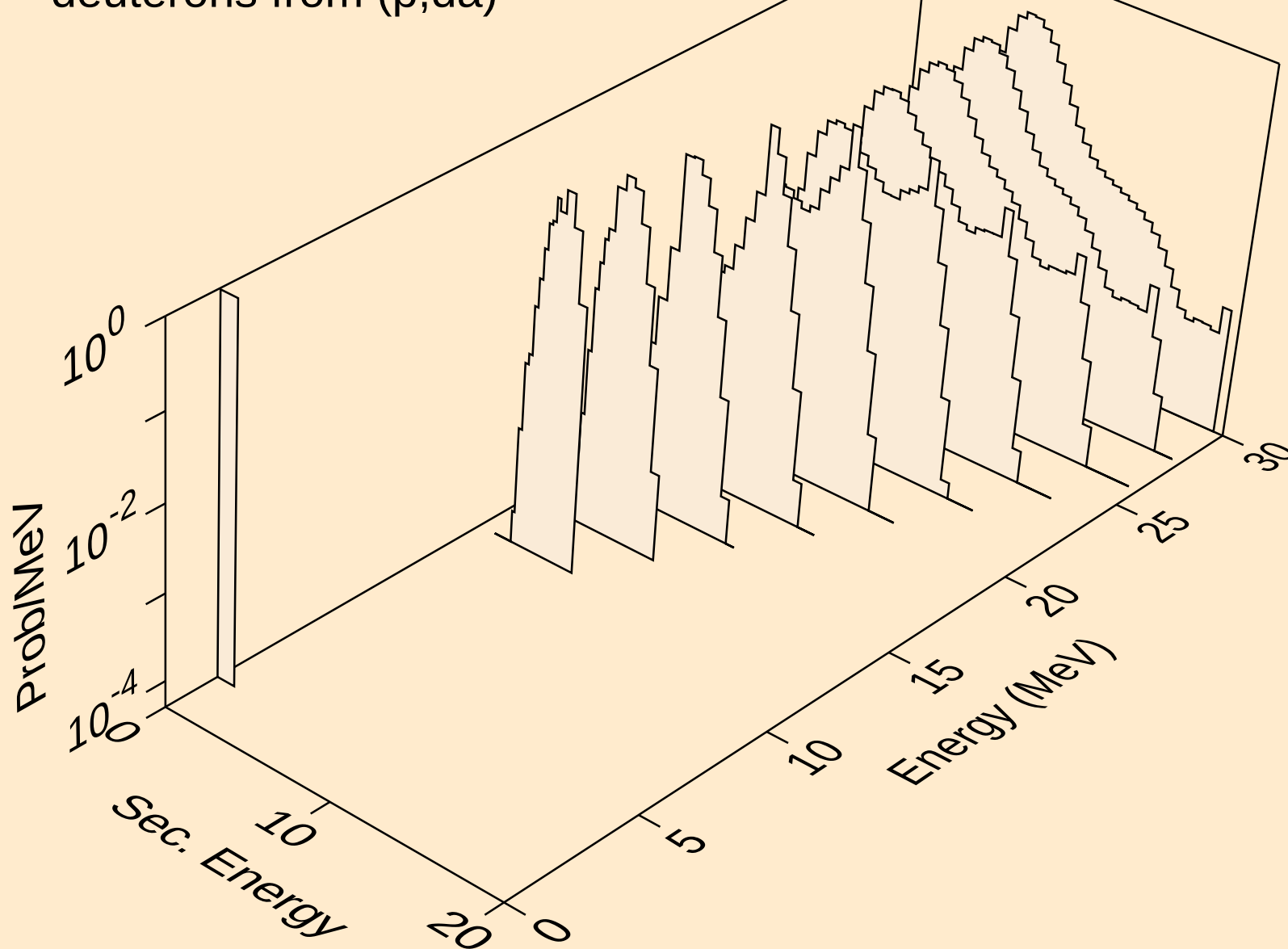
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deuterons from (p,d)



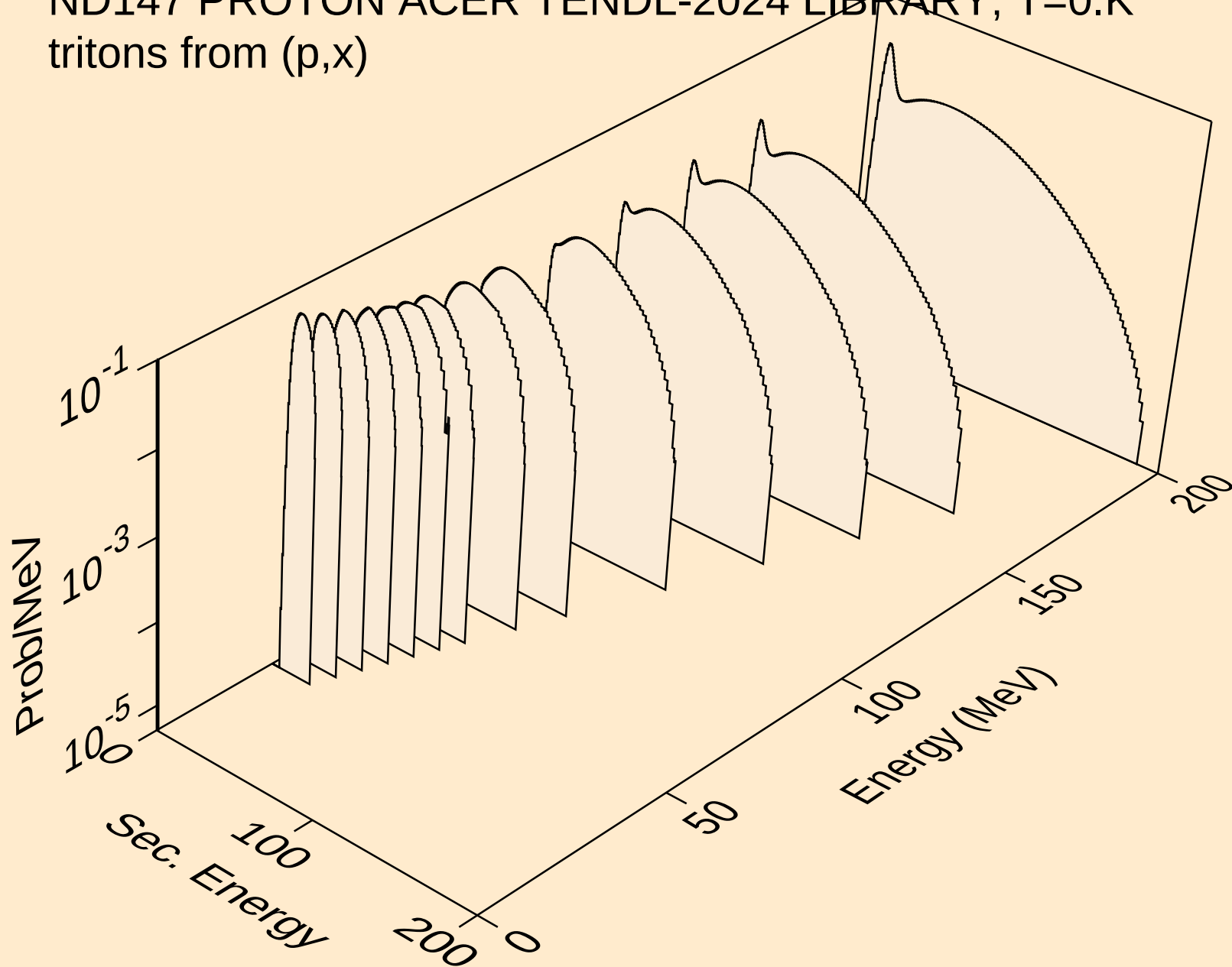
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,pd)



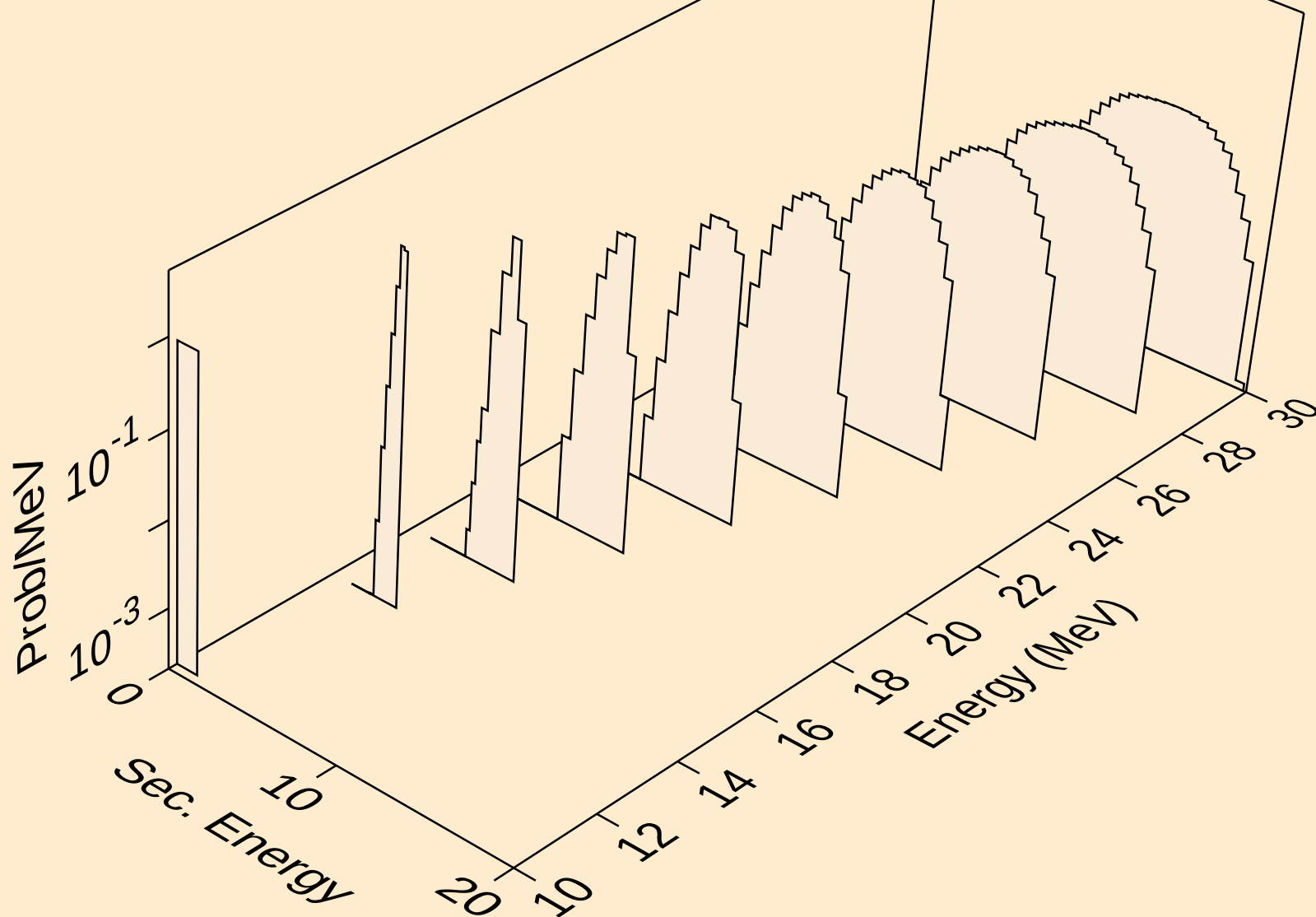
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deuterons from (p,da)



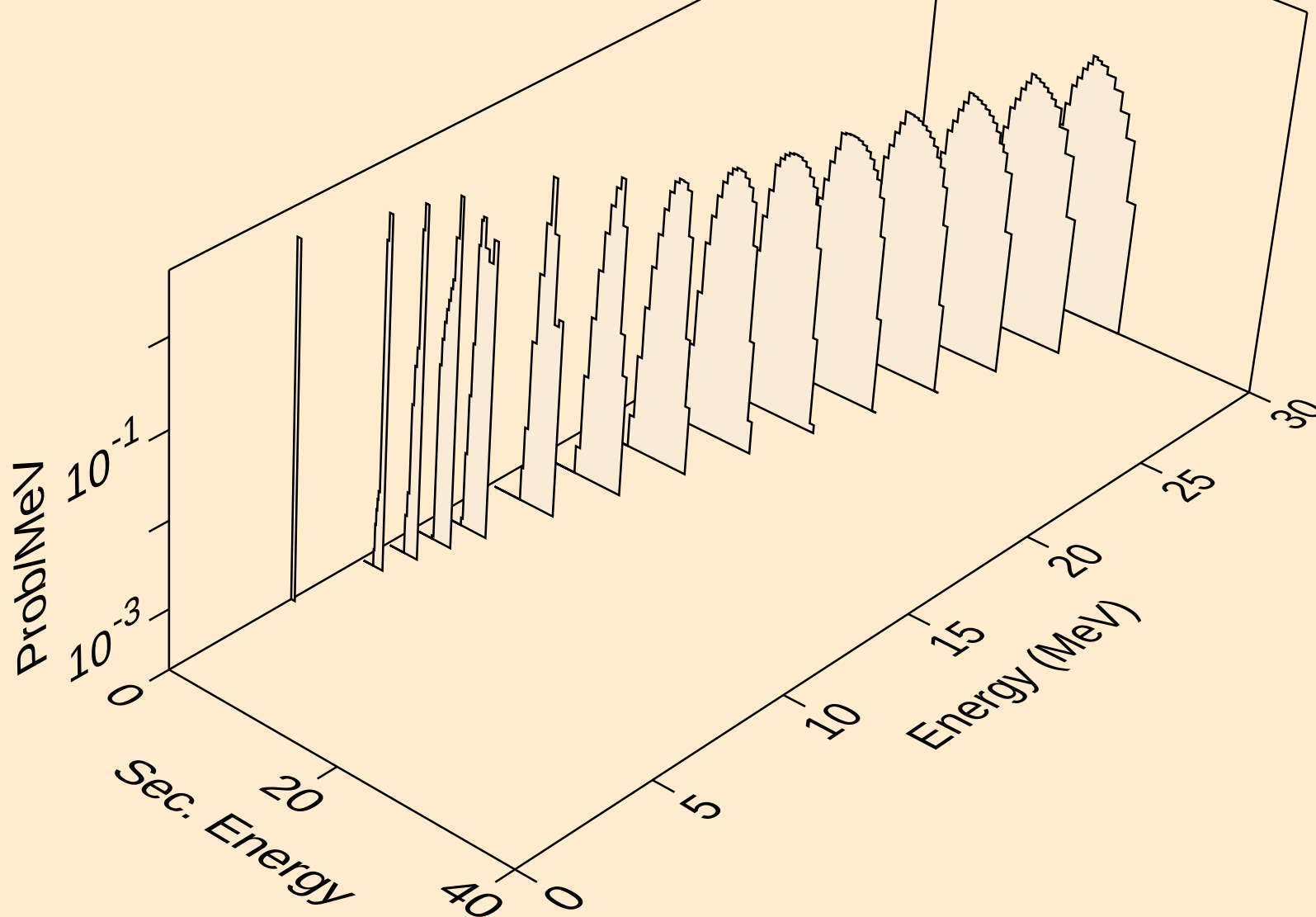
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,x)



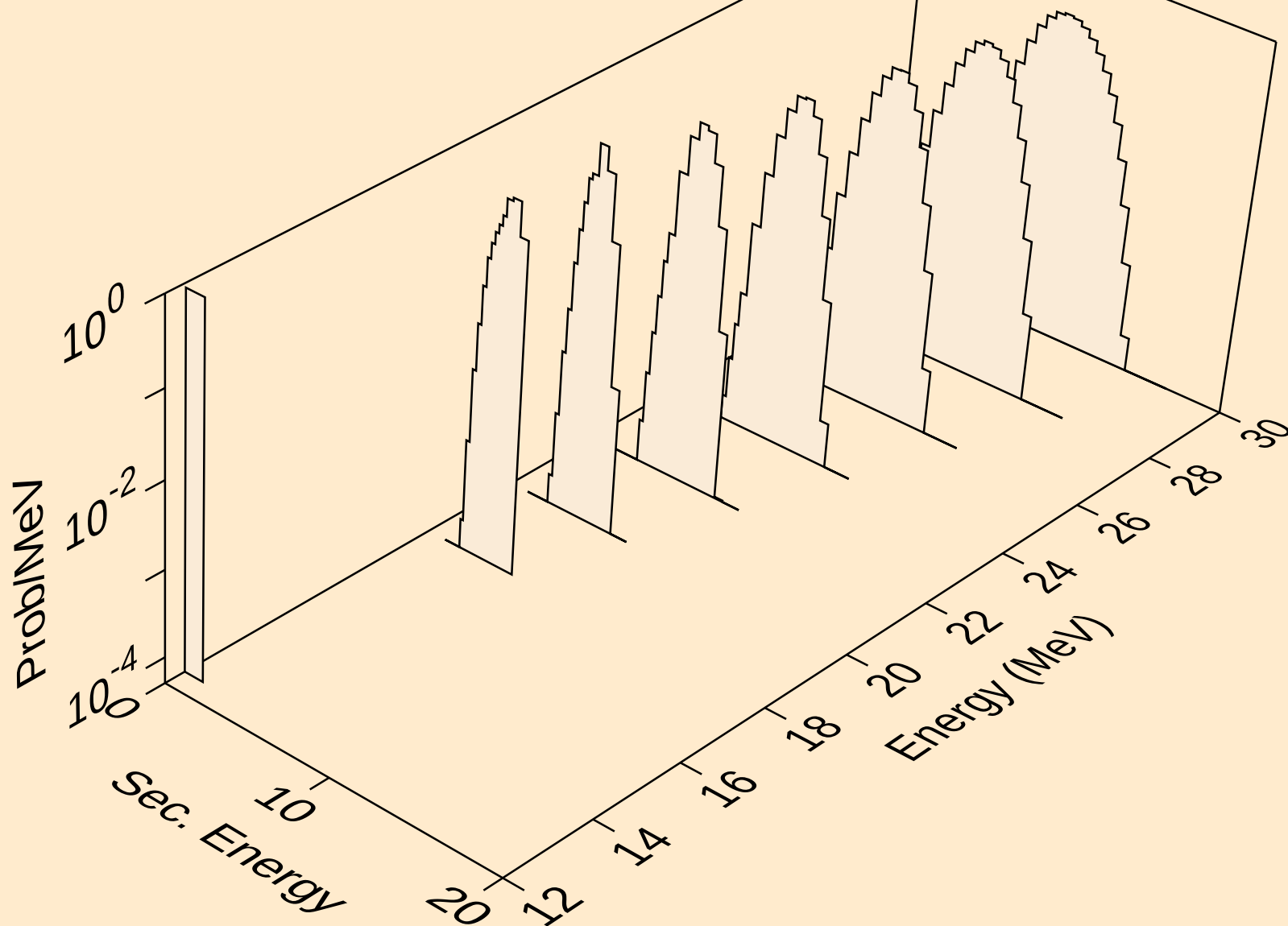
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,n*)t



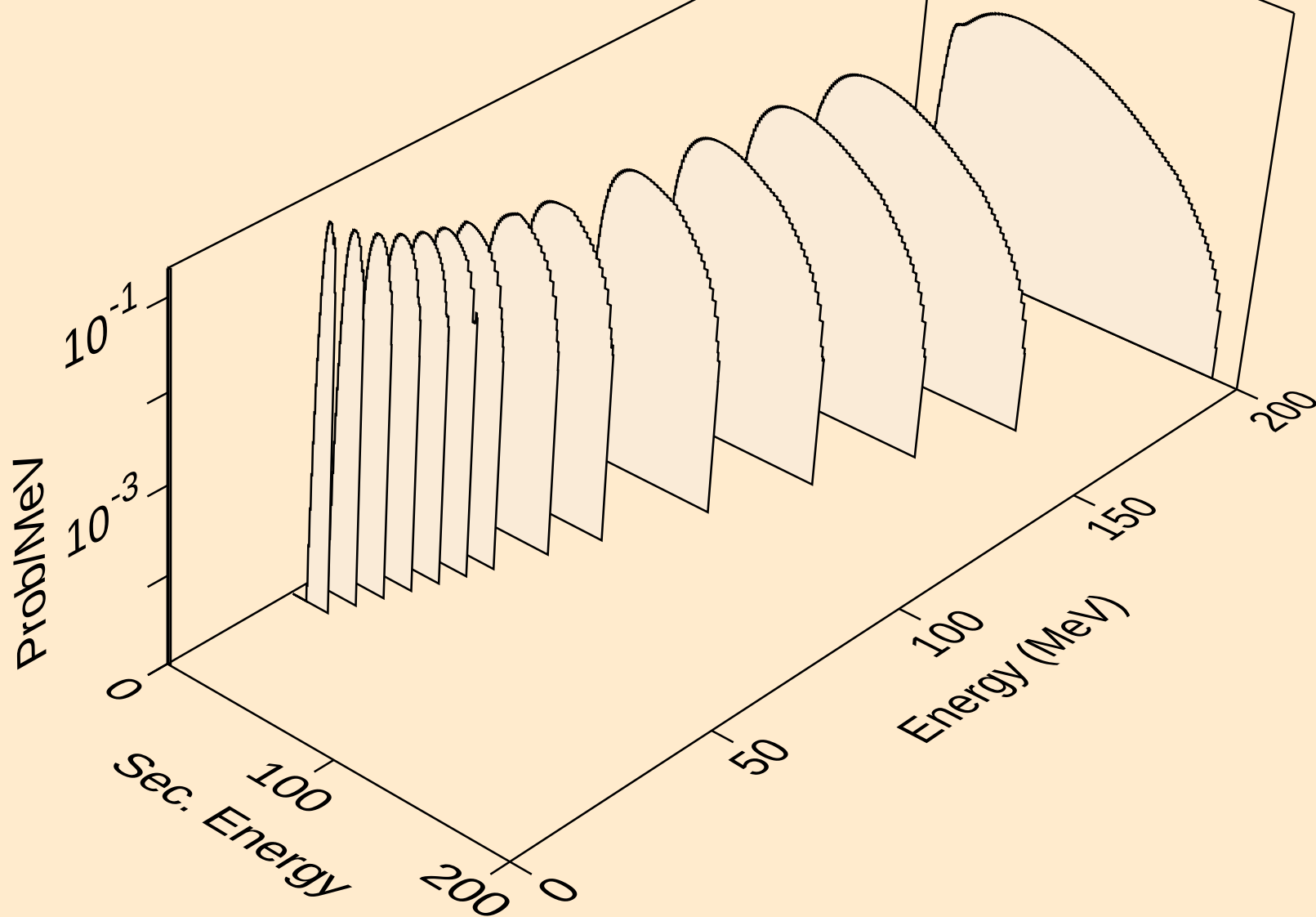
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,t)



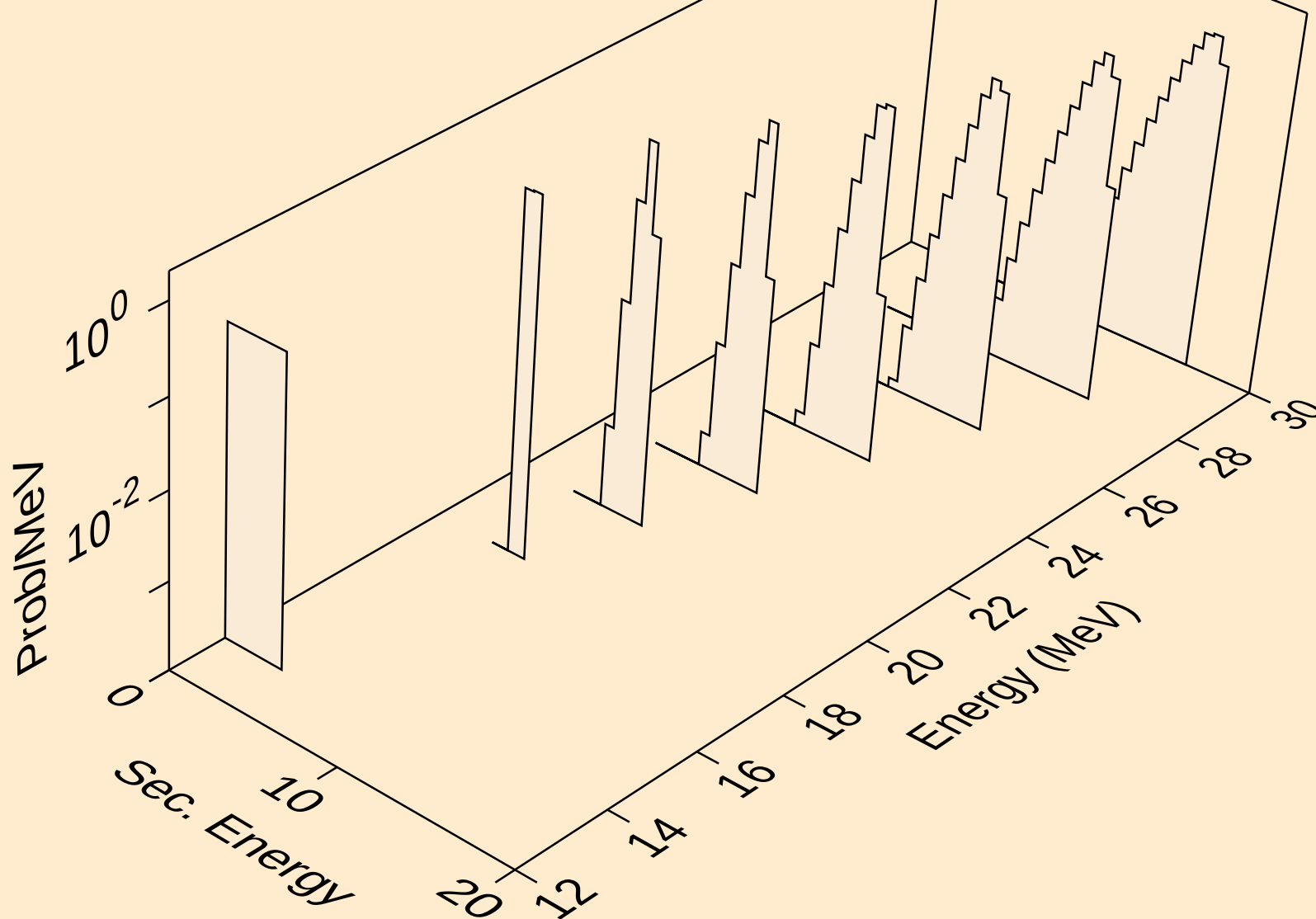
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tritons from (p,pt)



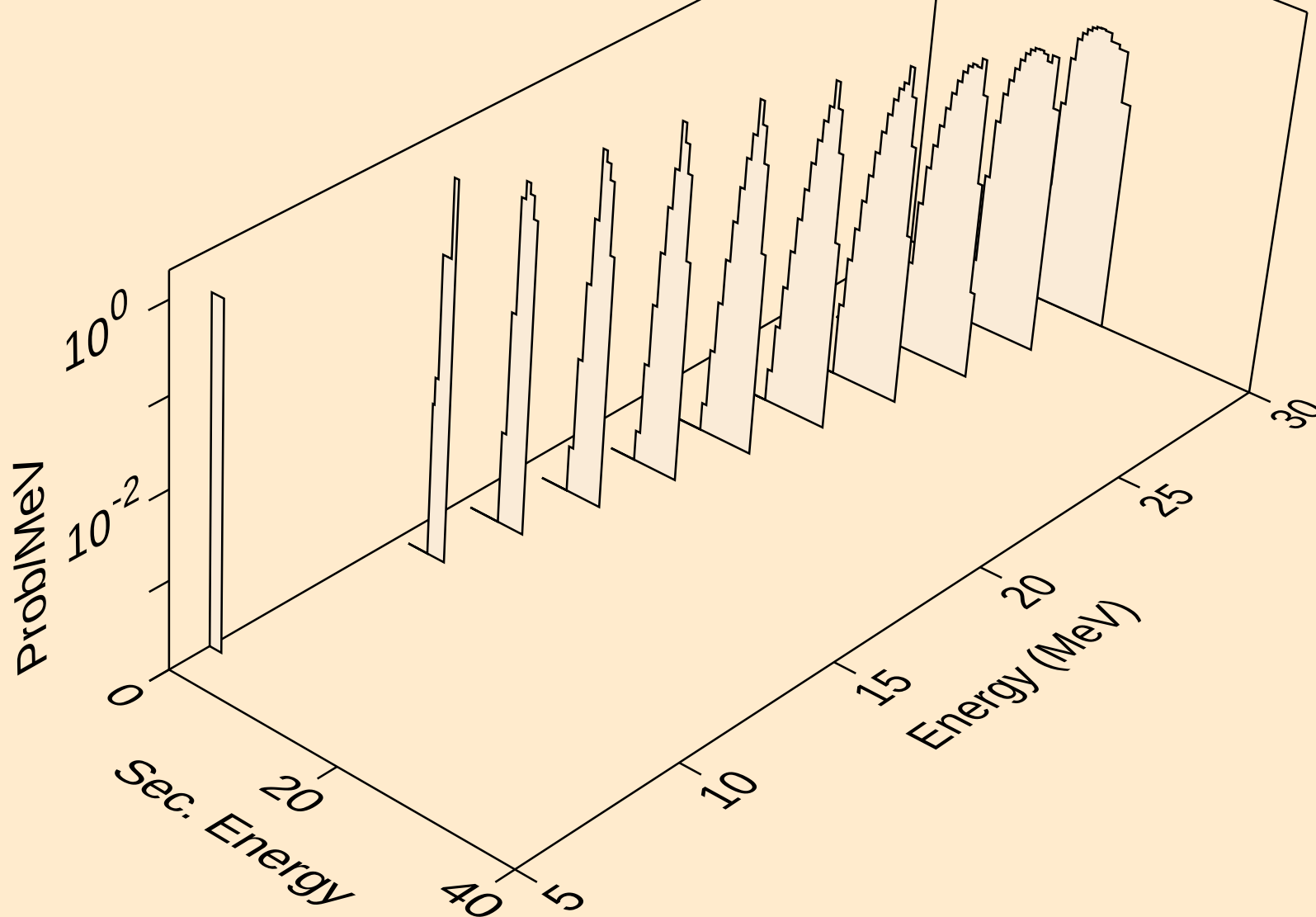
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,x)



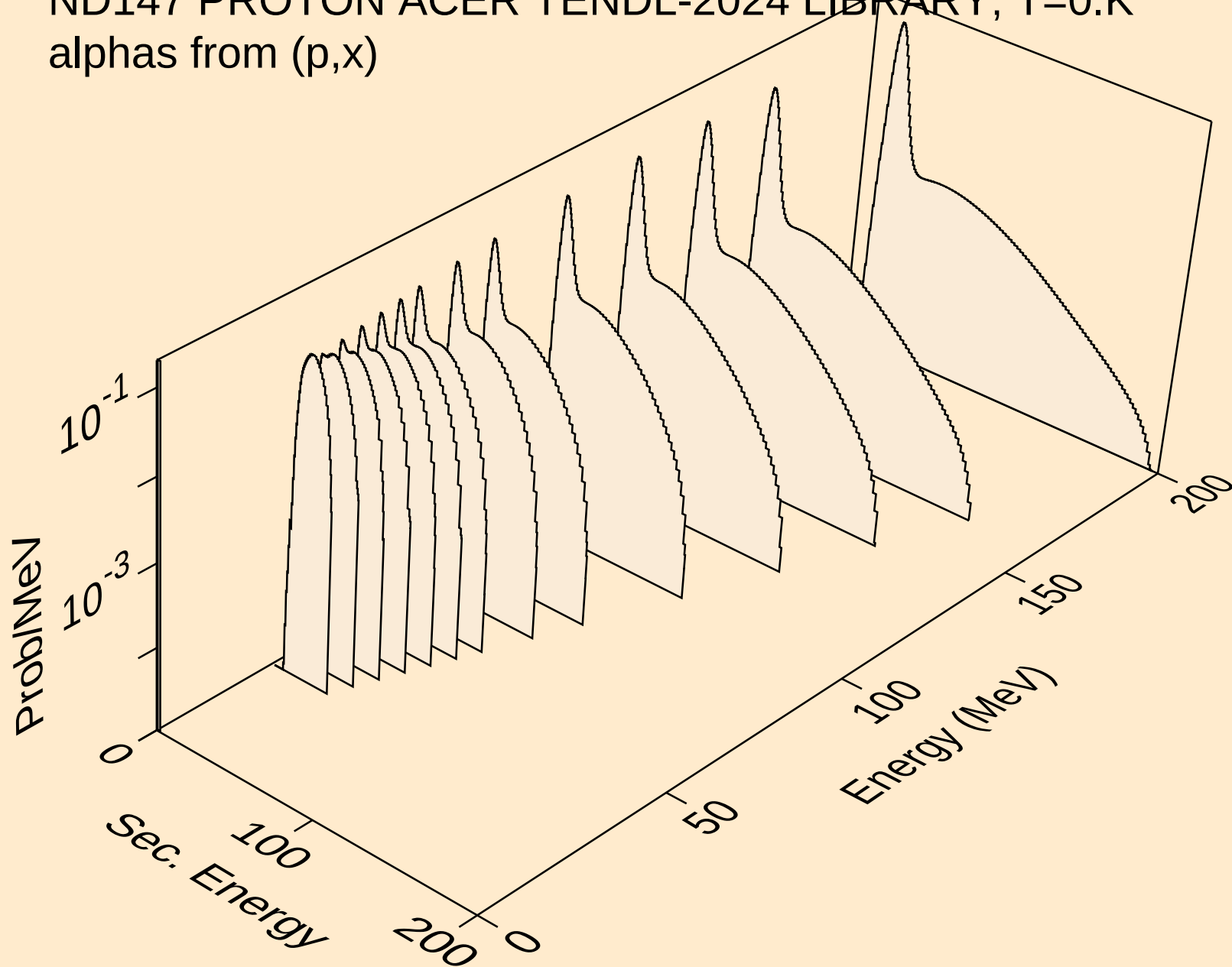
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,n*)he3



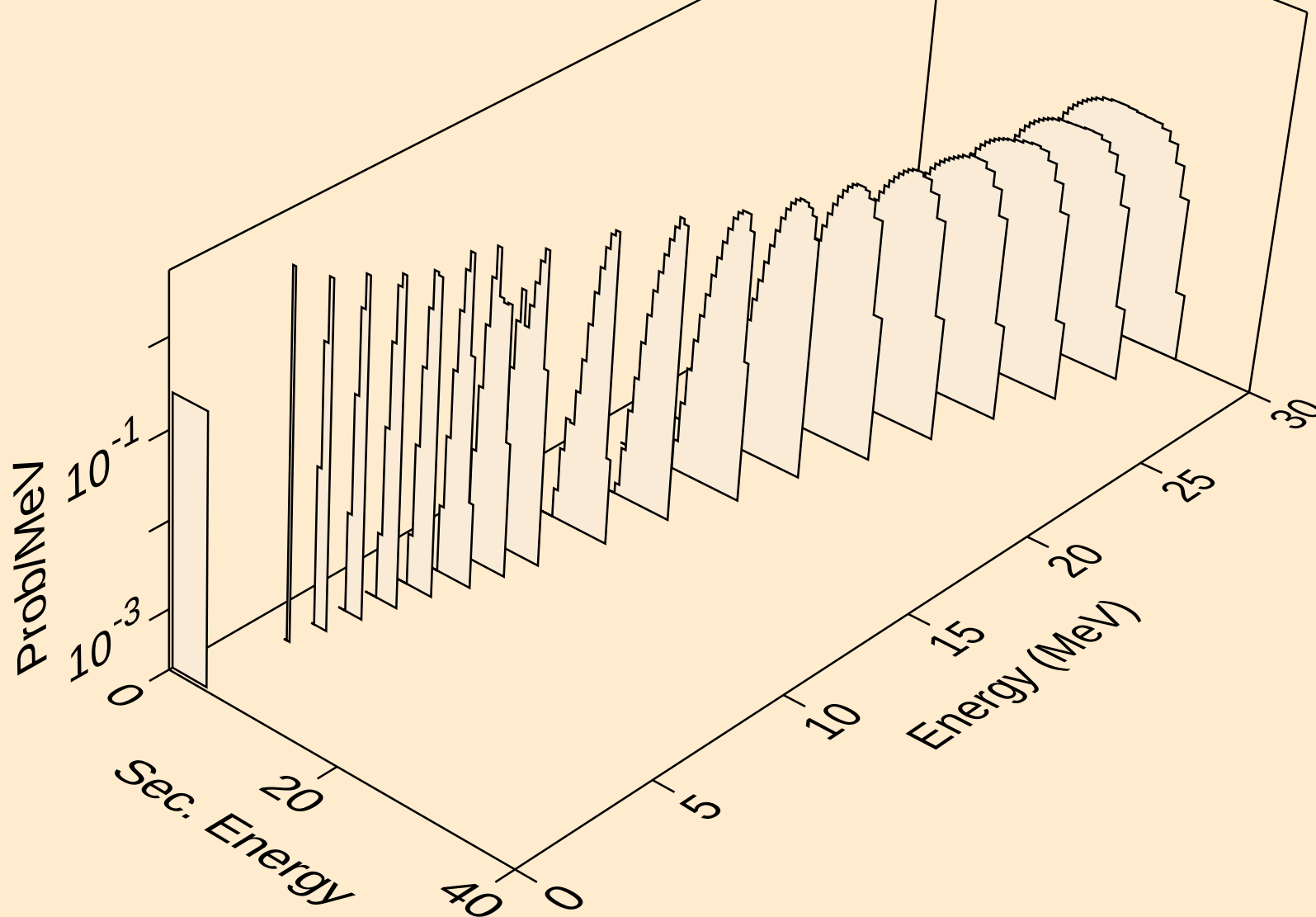
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,he3)



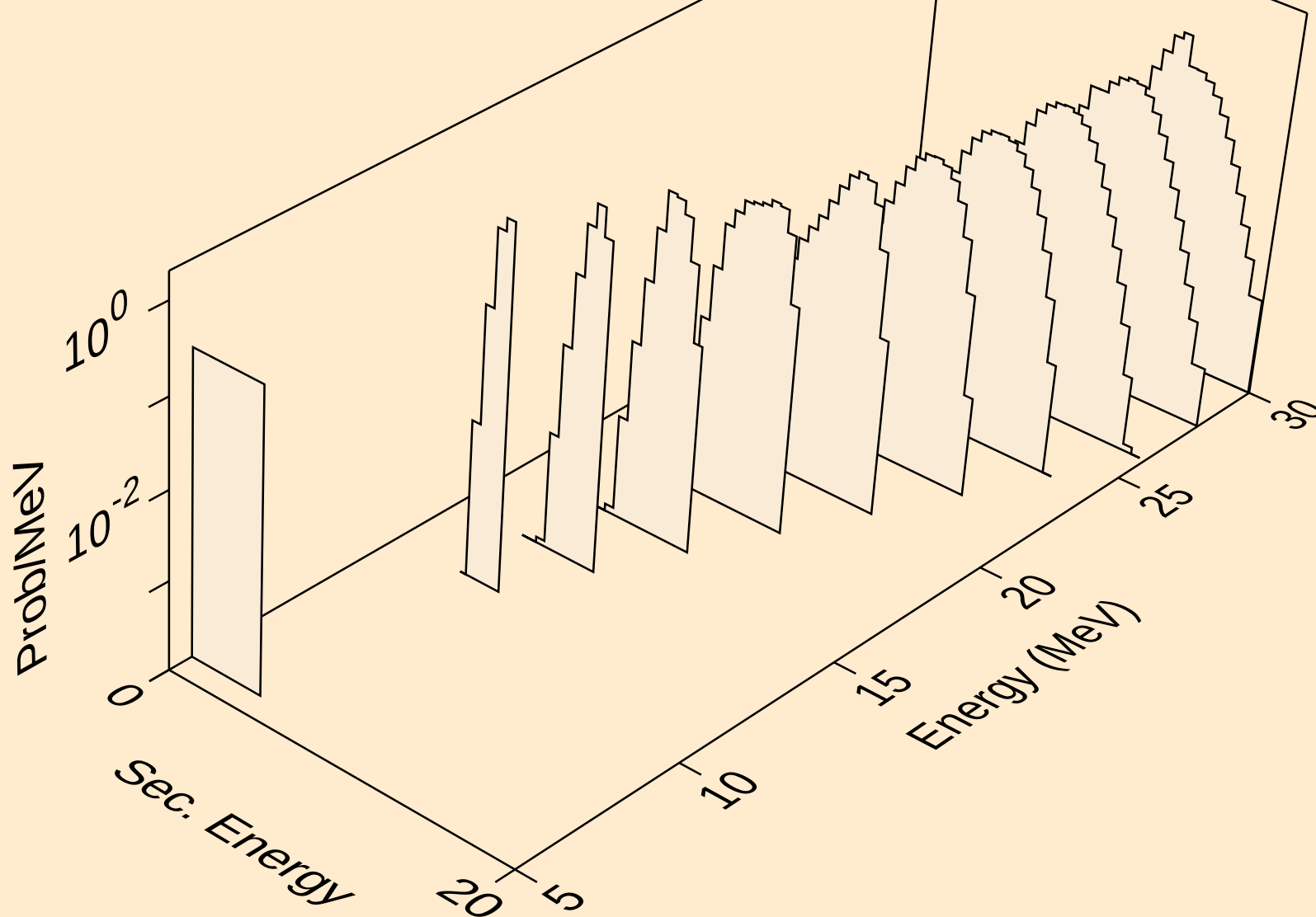
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,x)



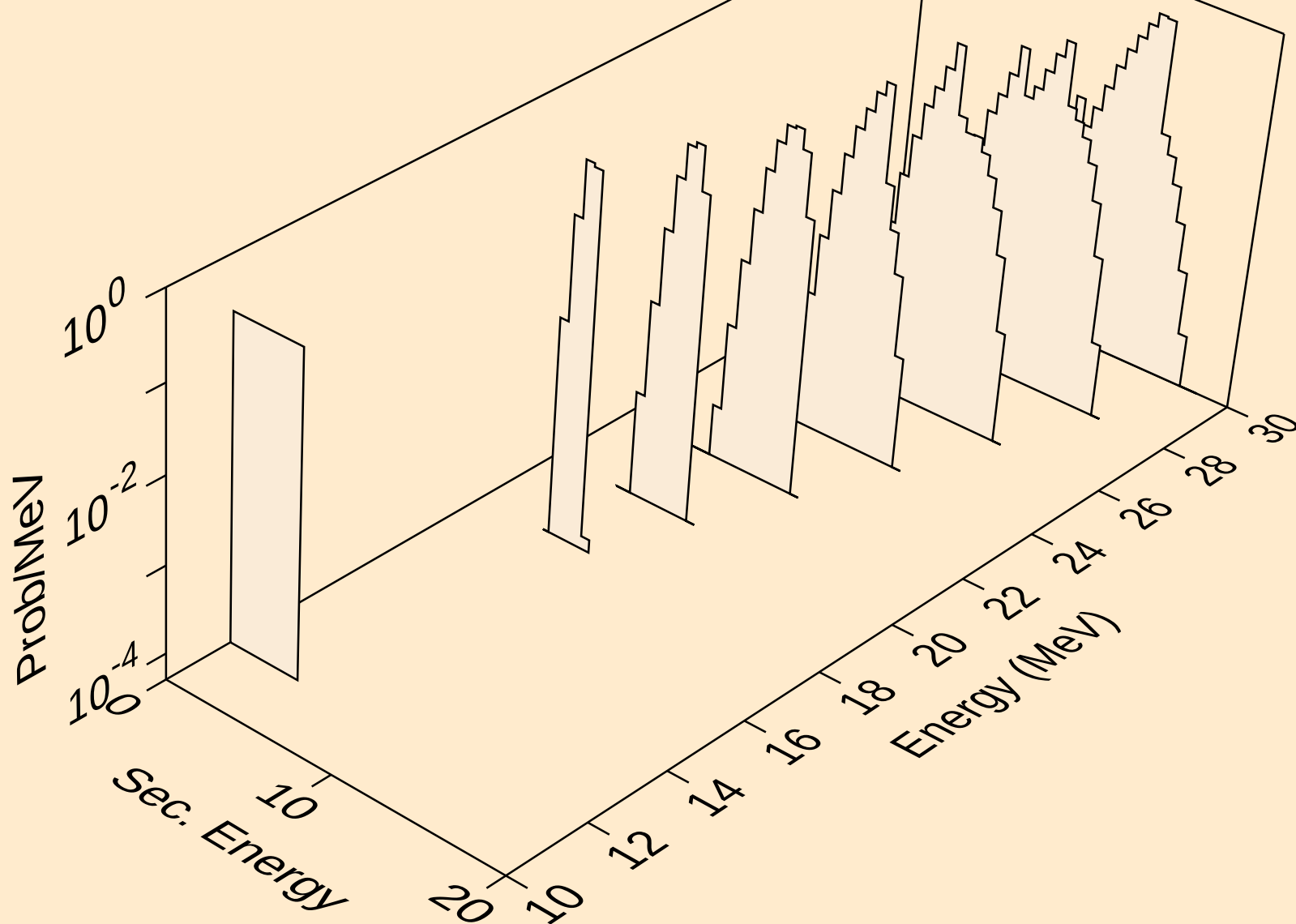
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)a



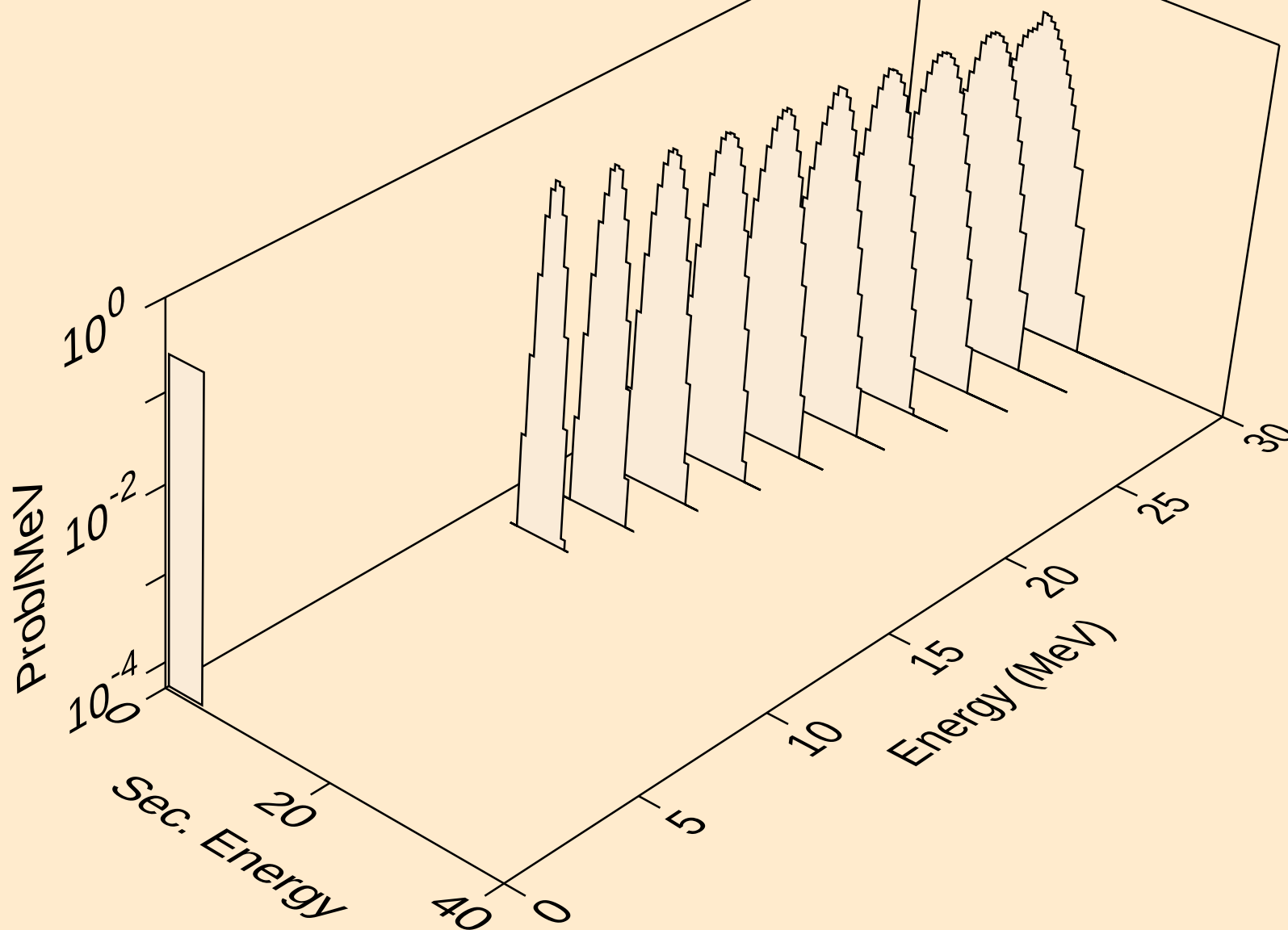
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2n)a



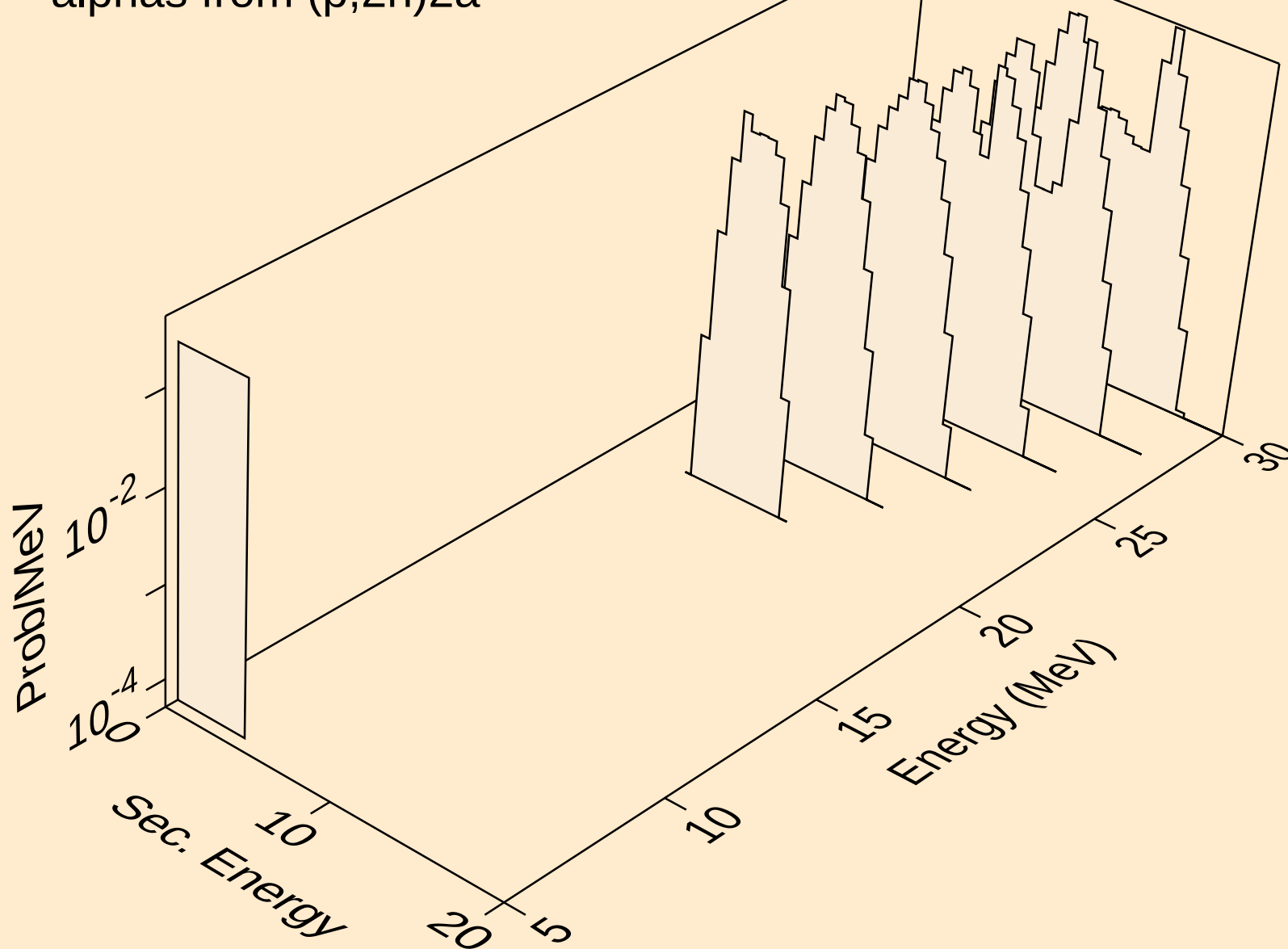
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alphas from (p,3n)a



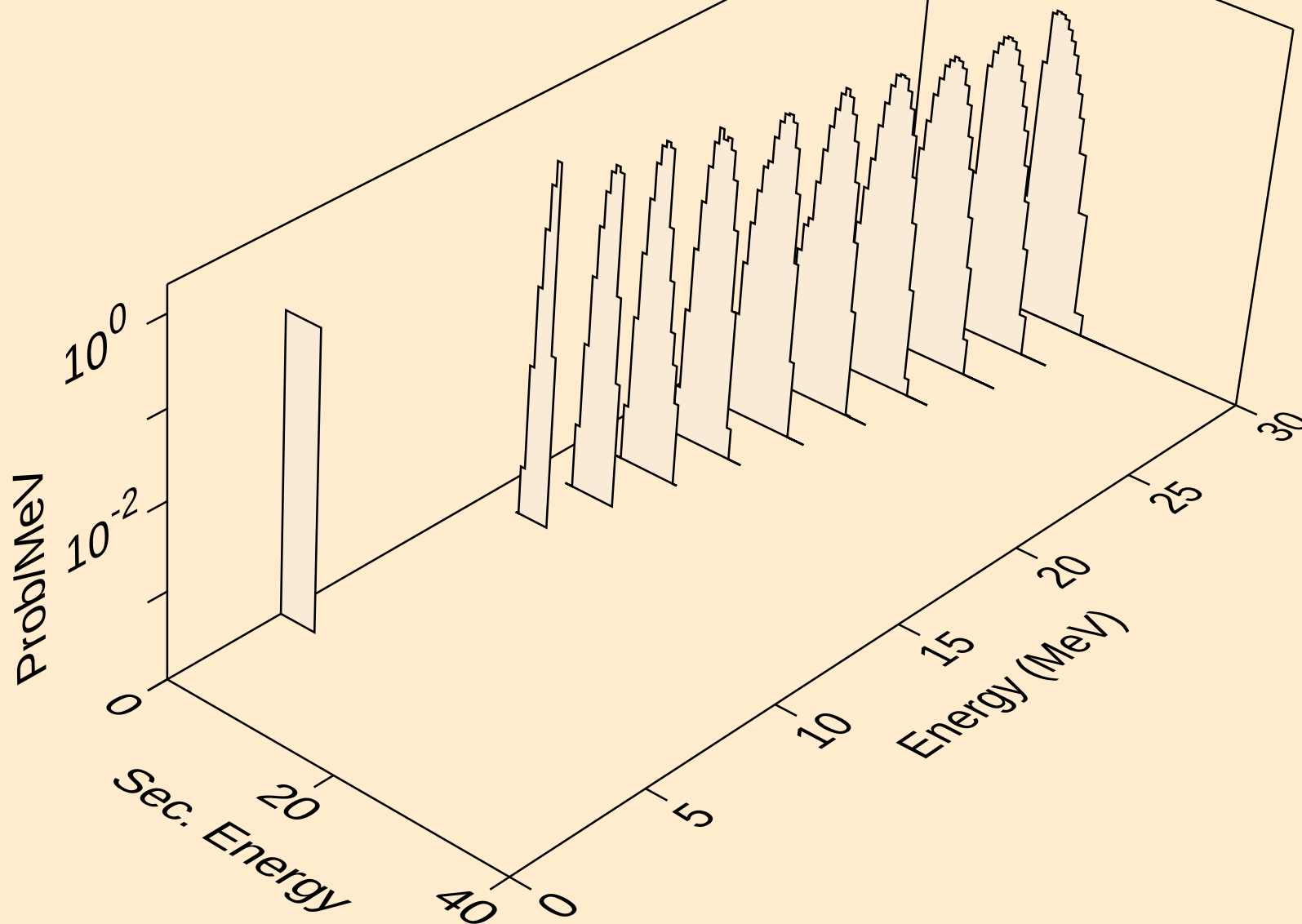
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)2a



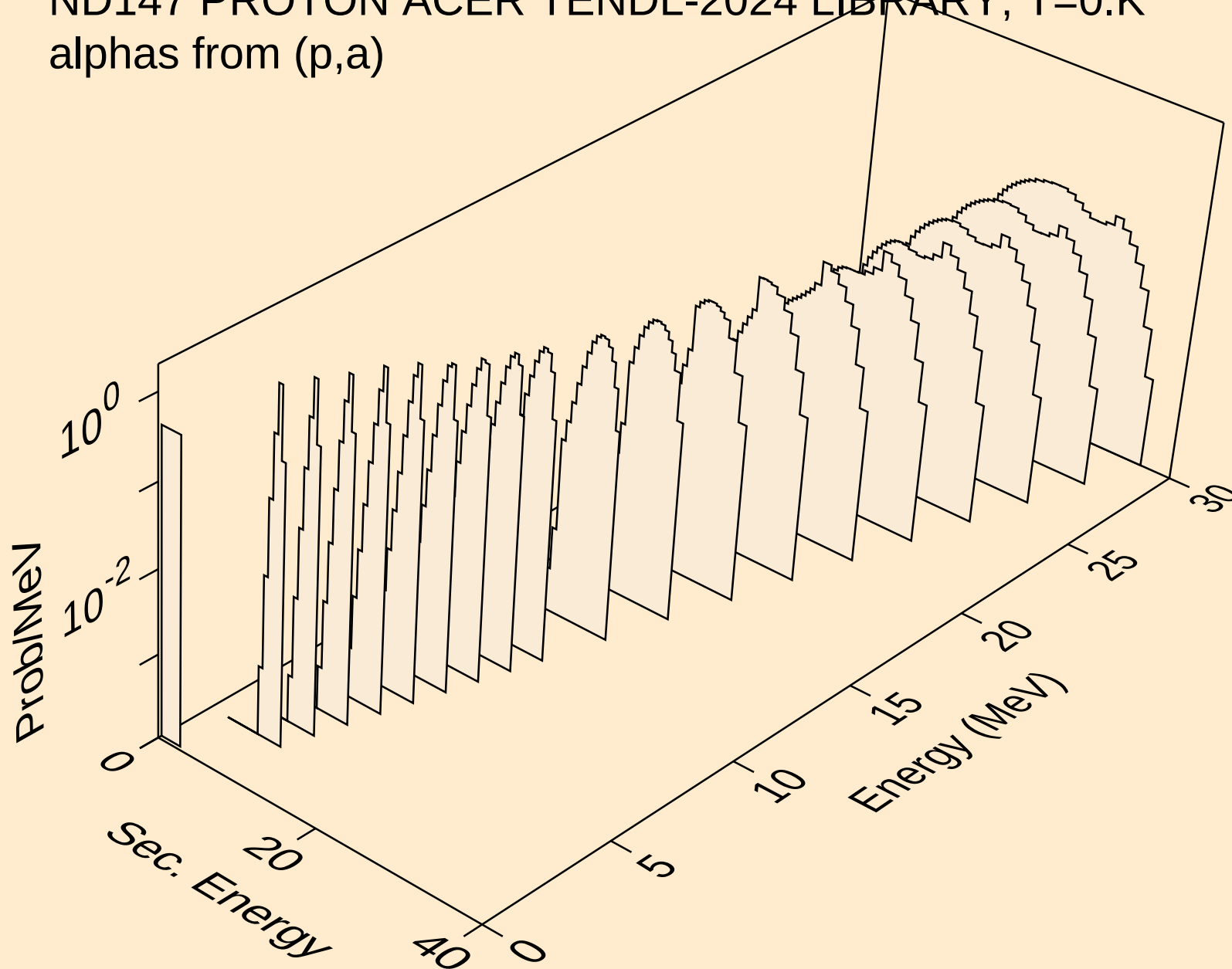
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2n)2a



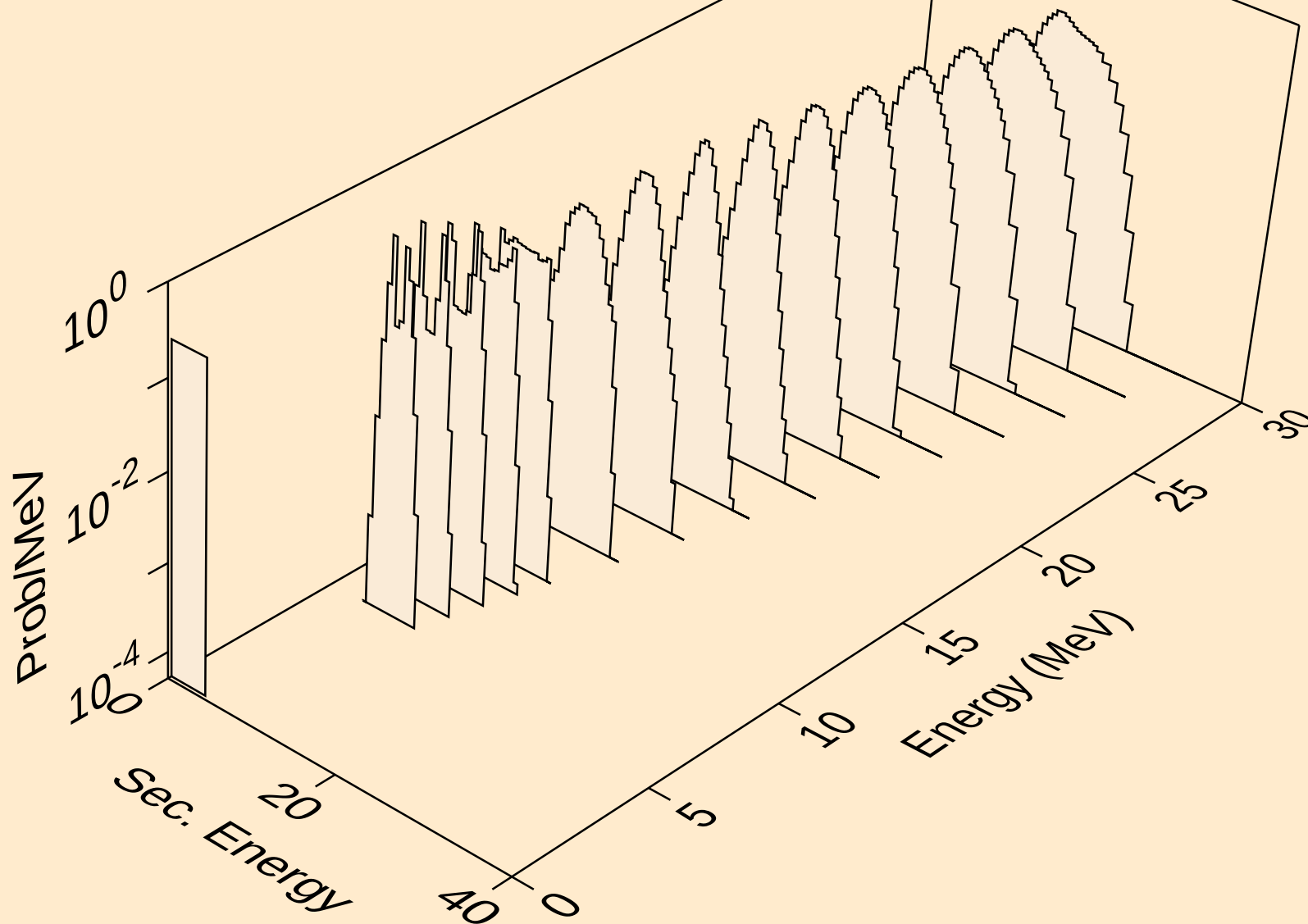
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,npa)



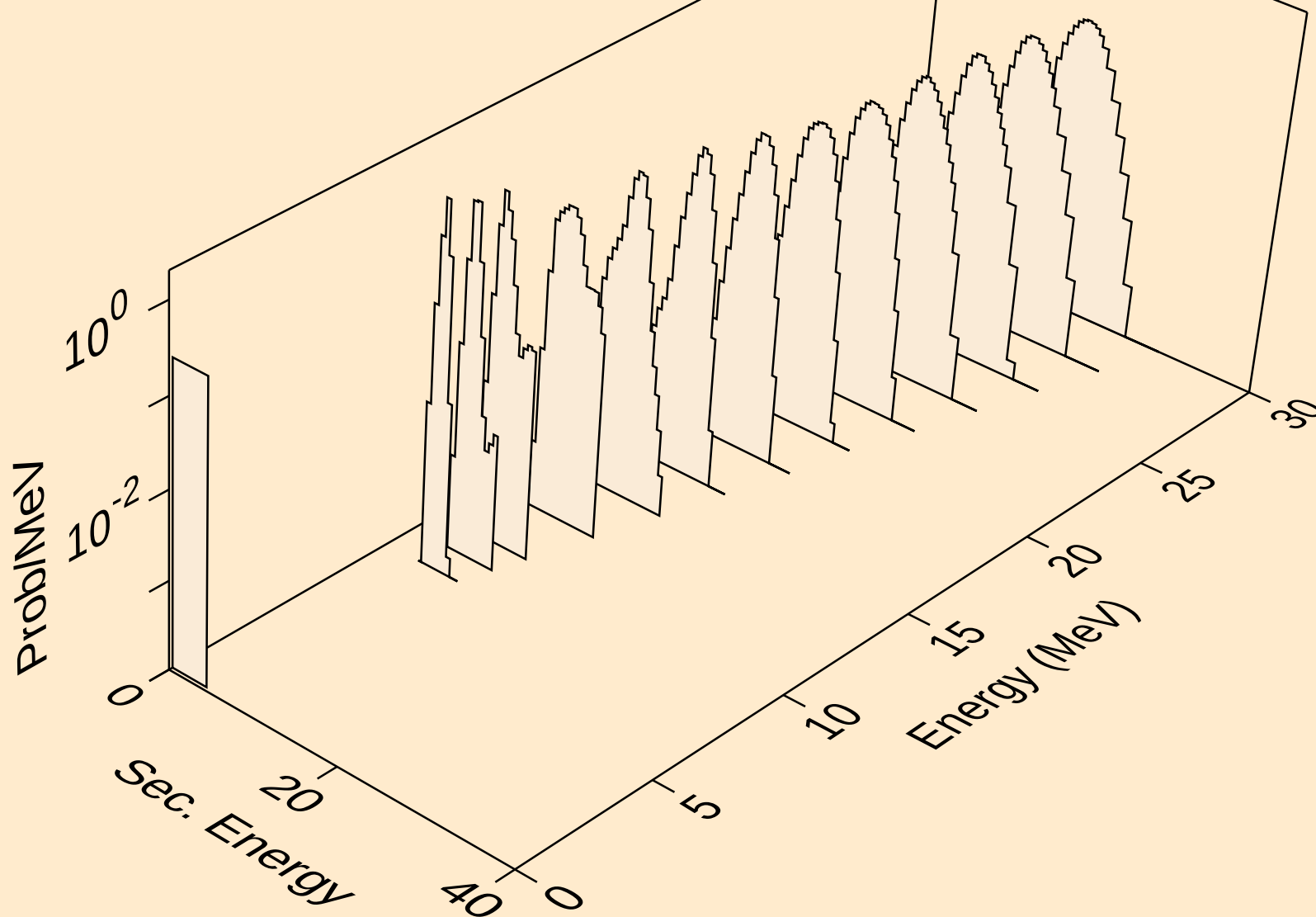
ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,a)



ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2a)



ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,pa)



ND147 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,da)

