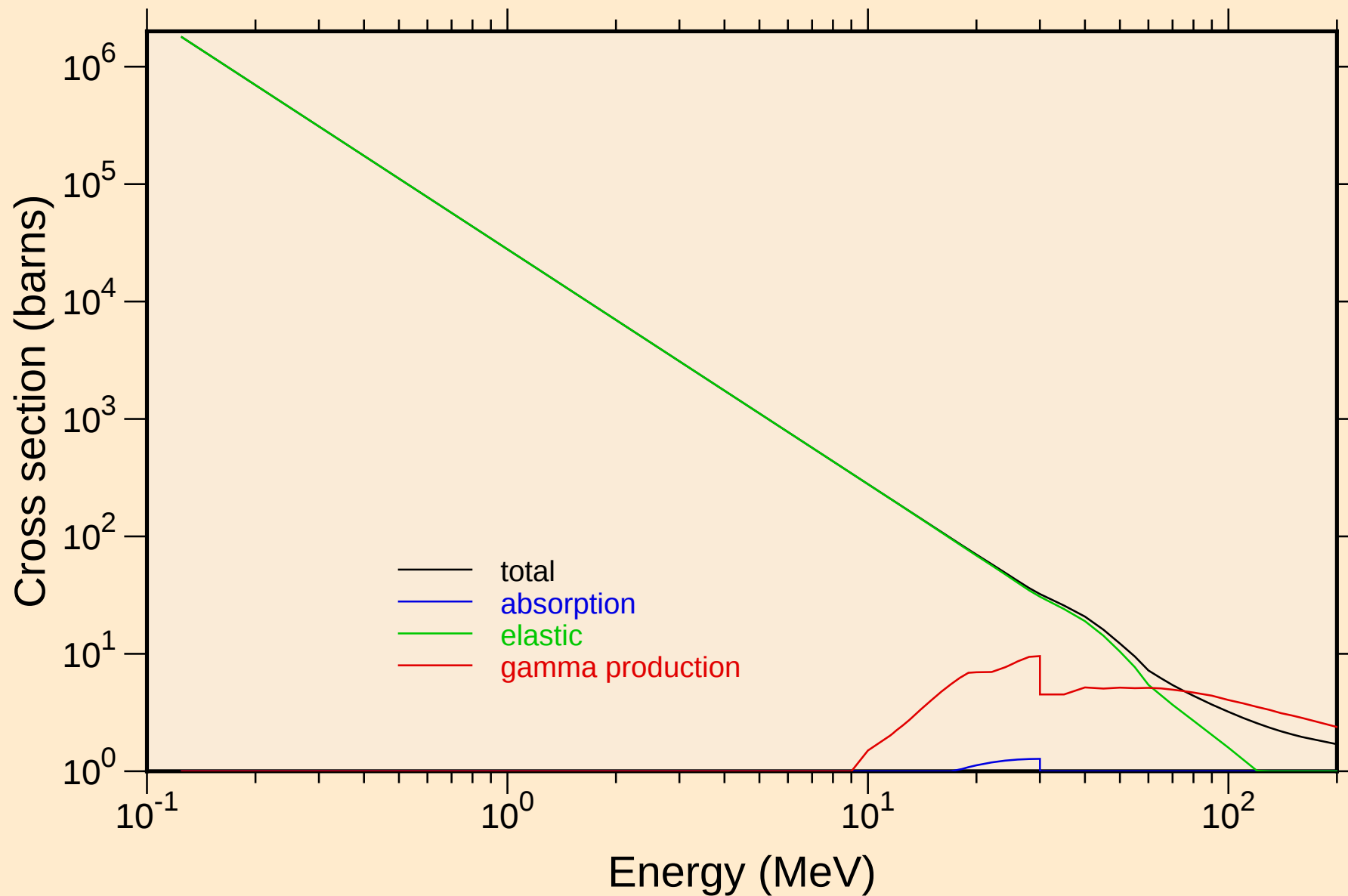


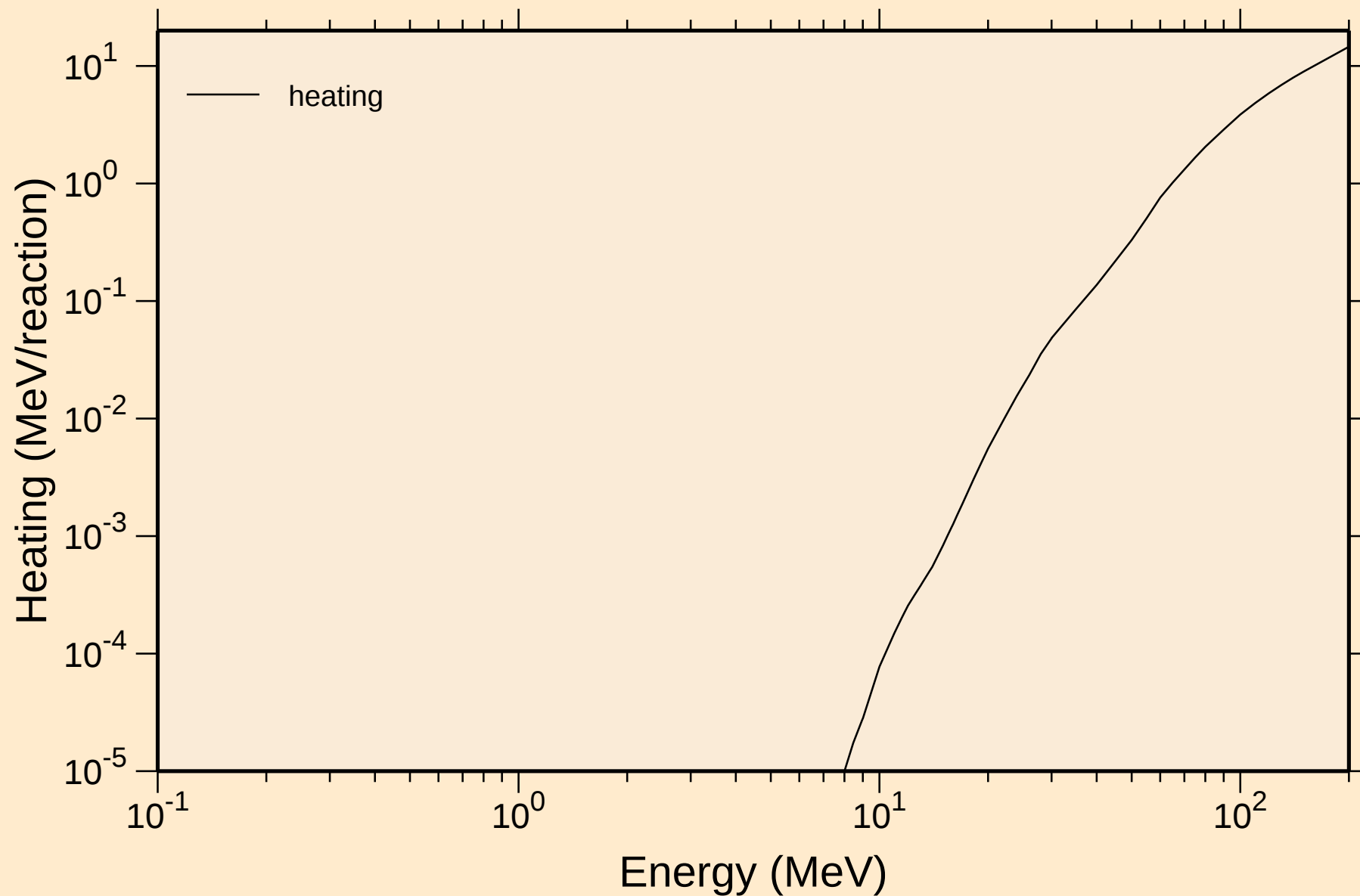
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



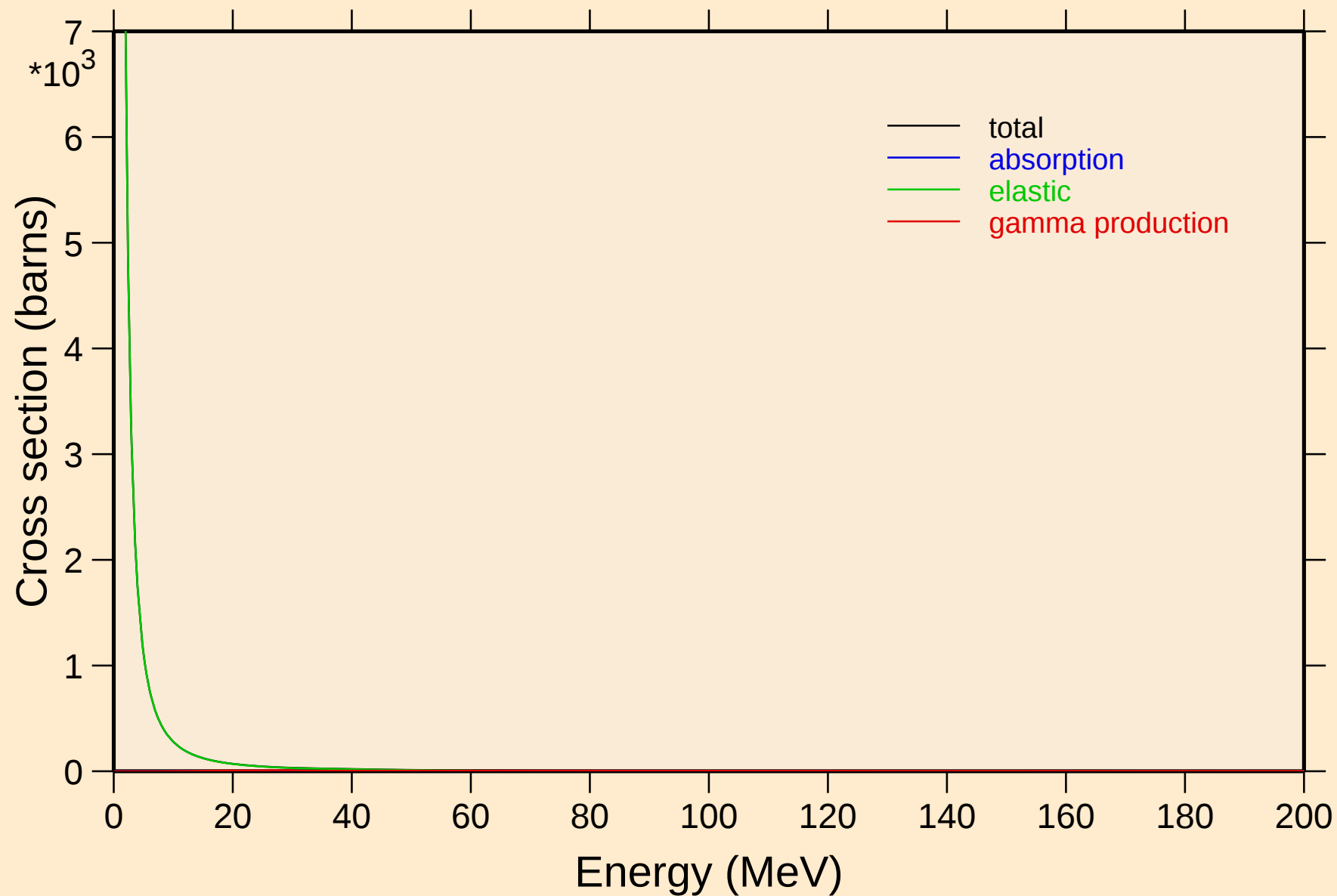
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



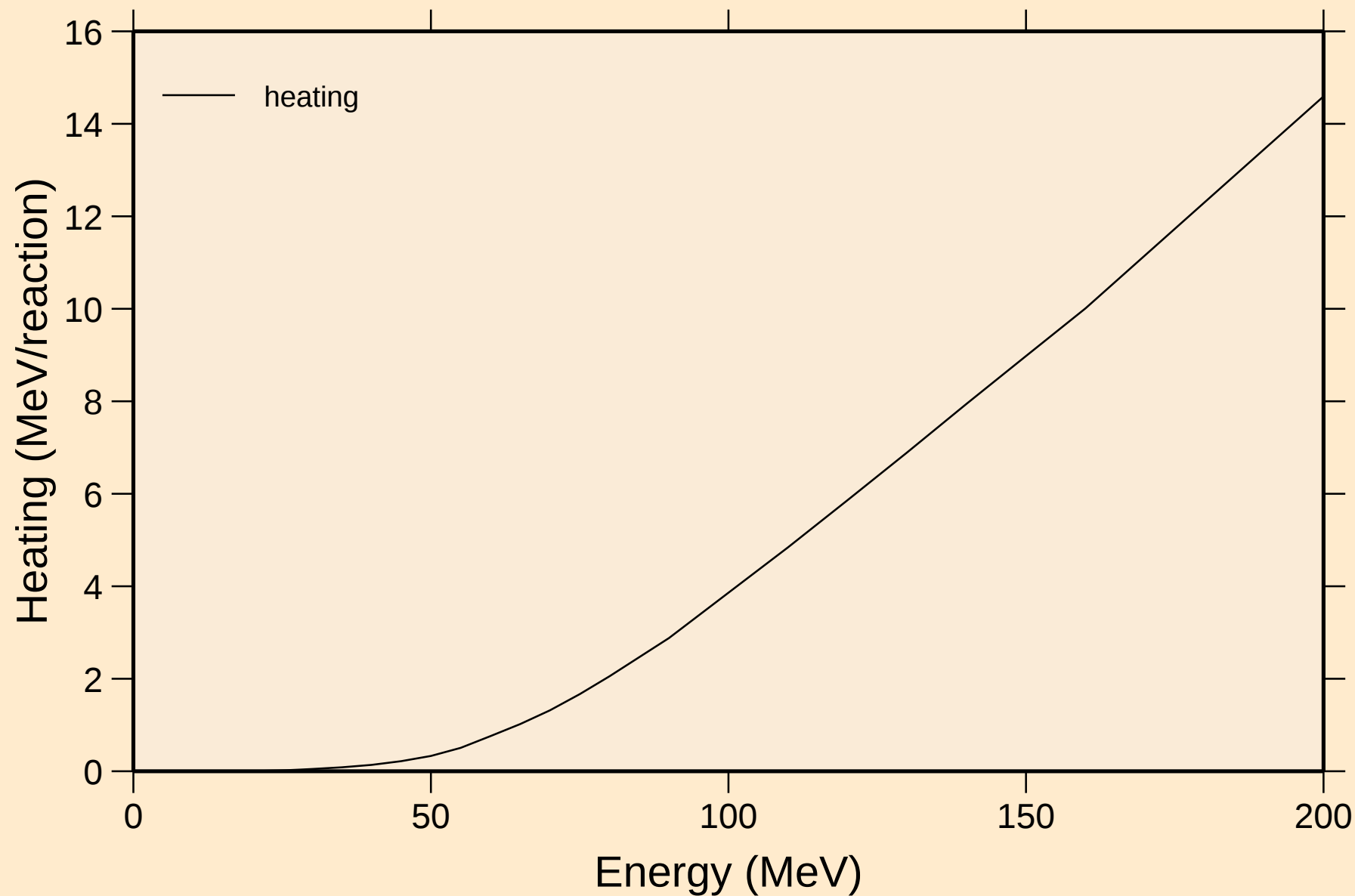
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



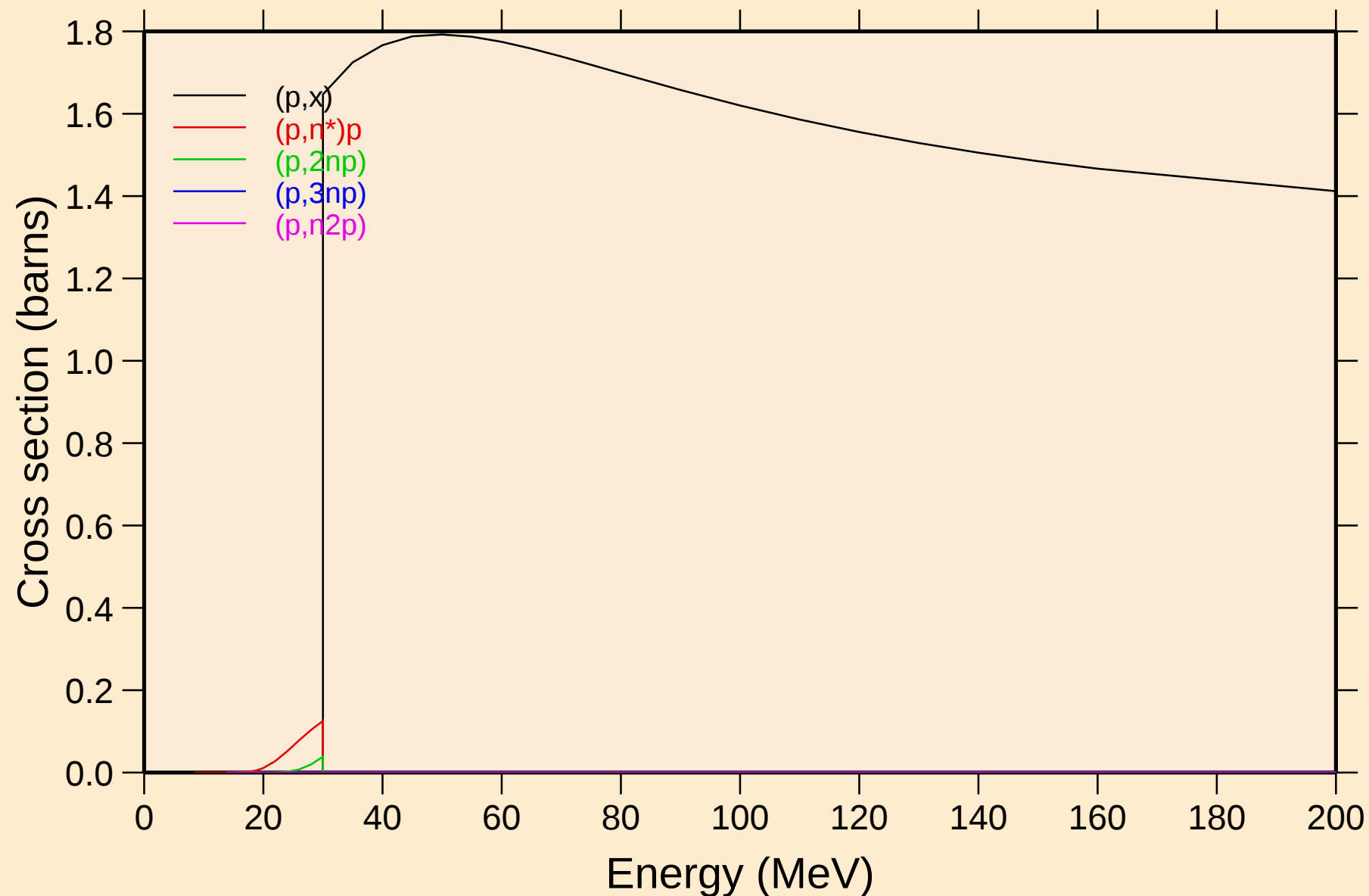
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Heating



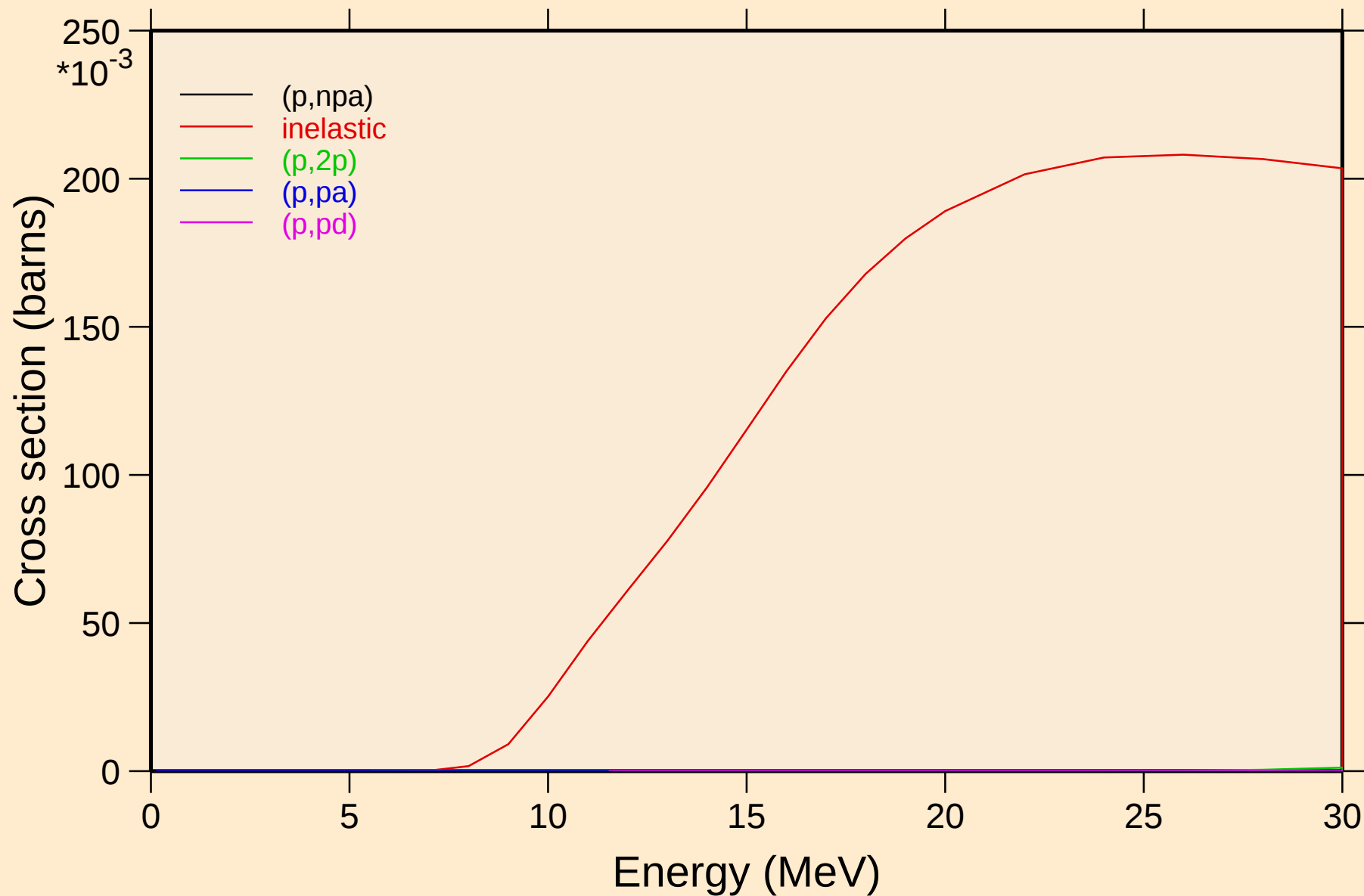
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



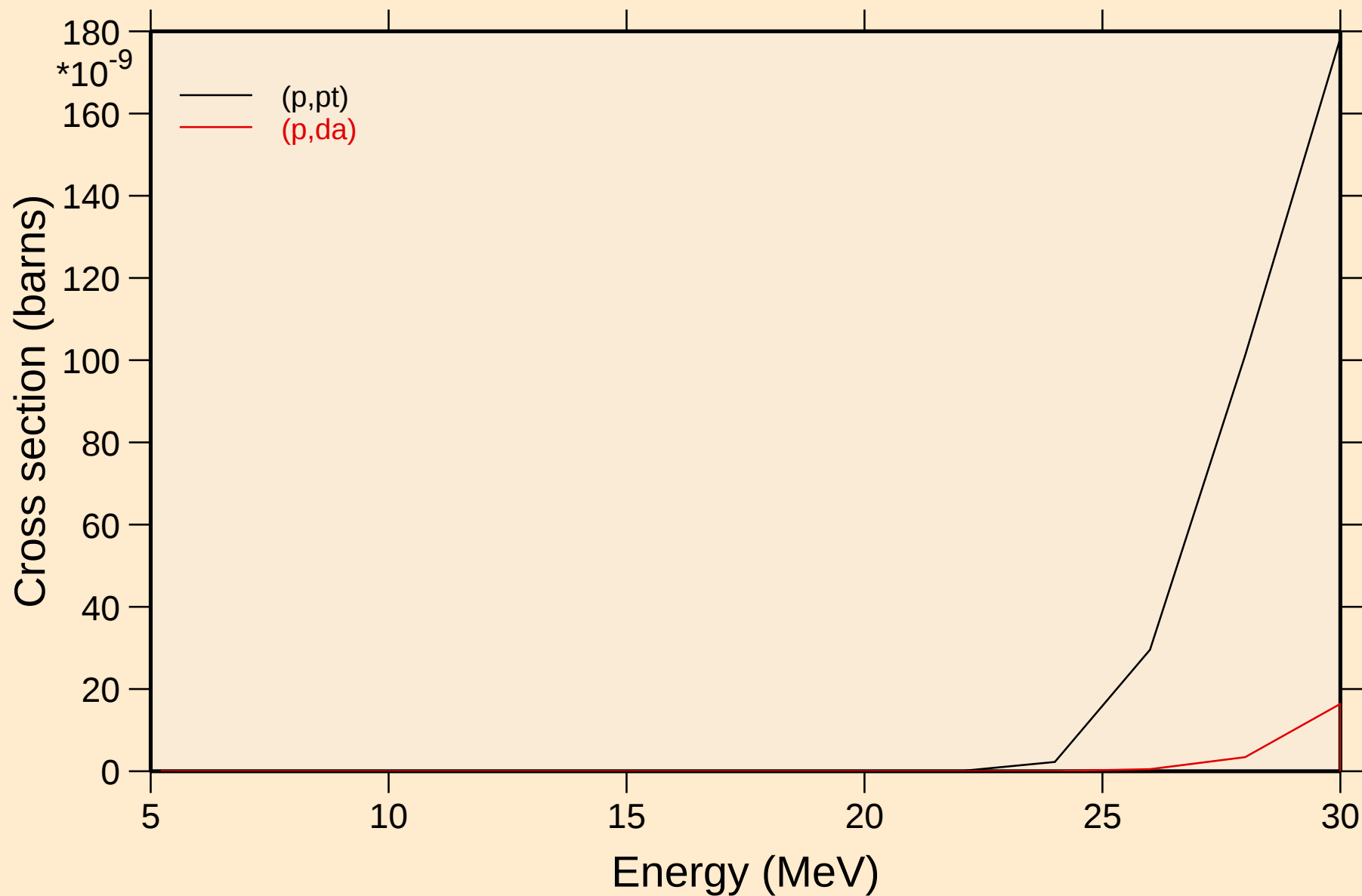
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

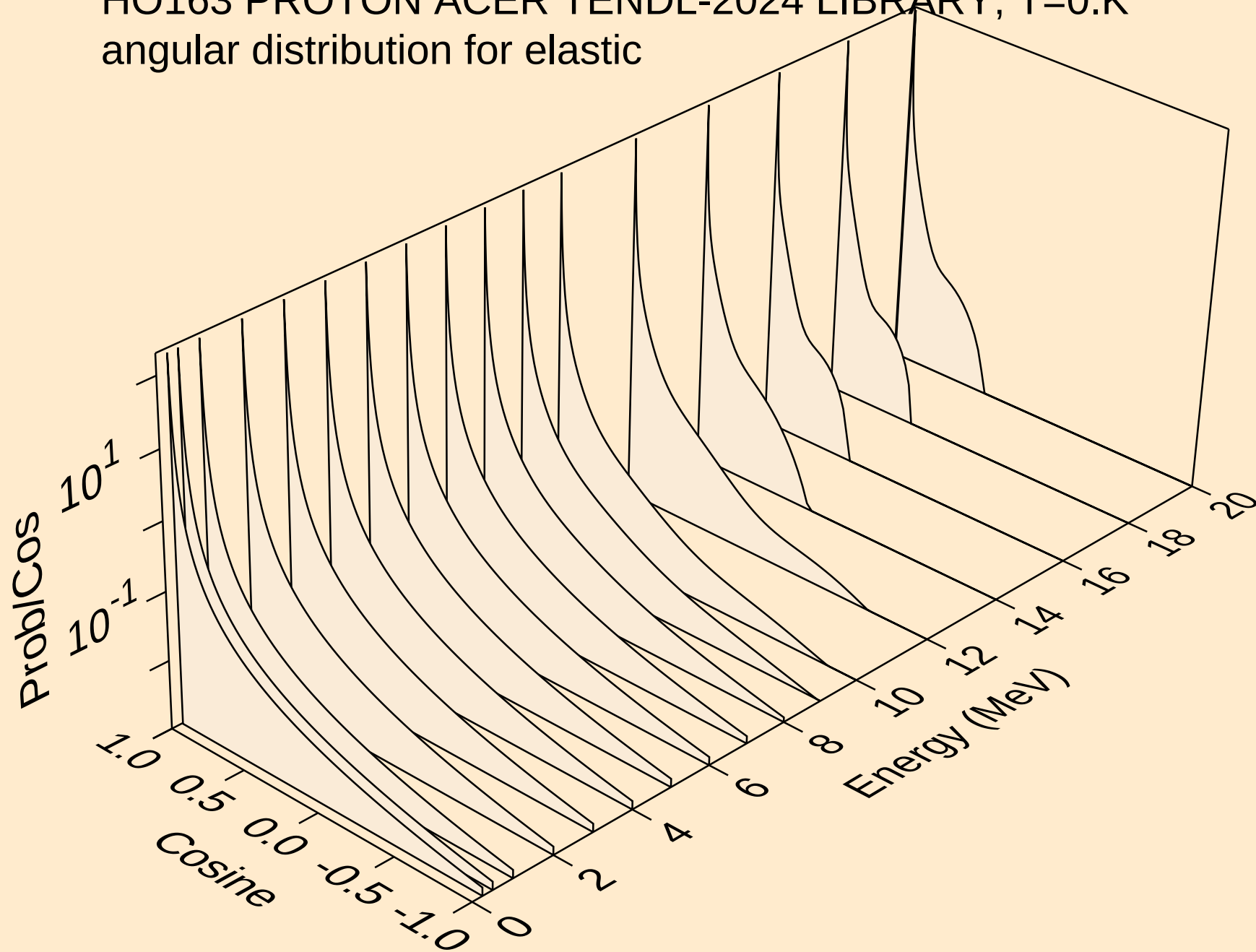


HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

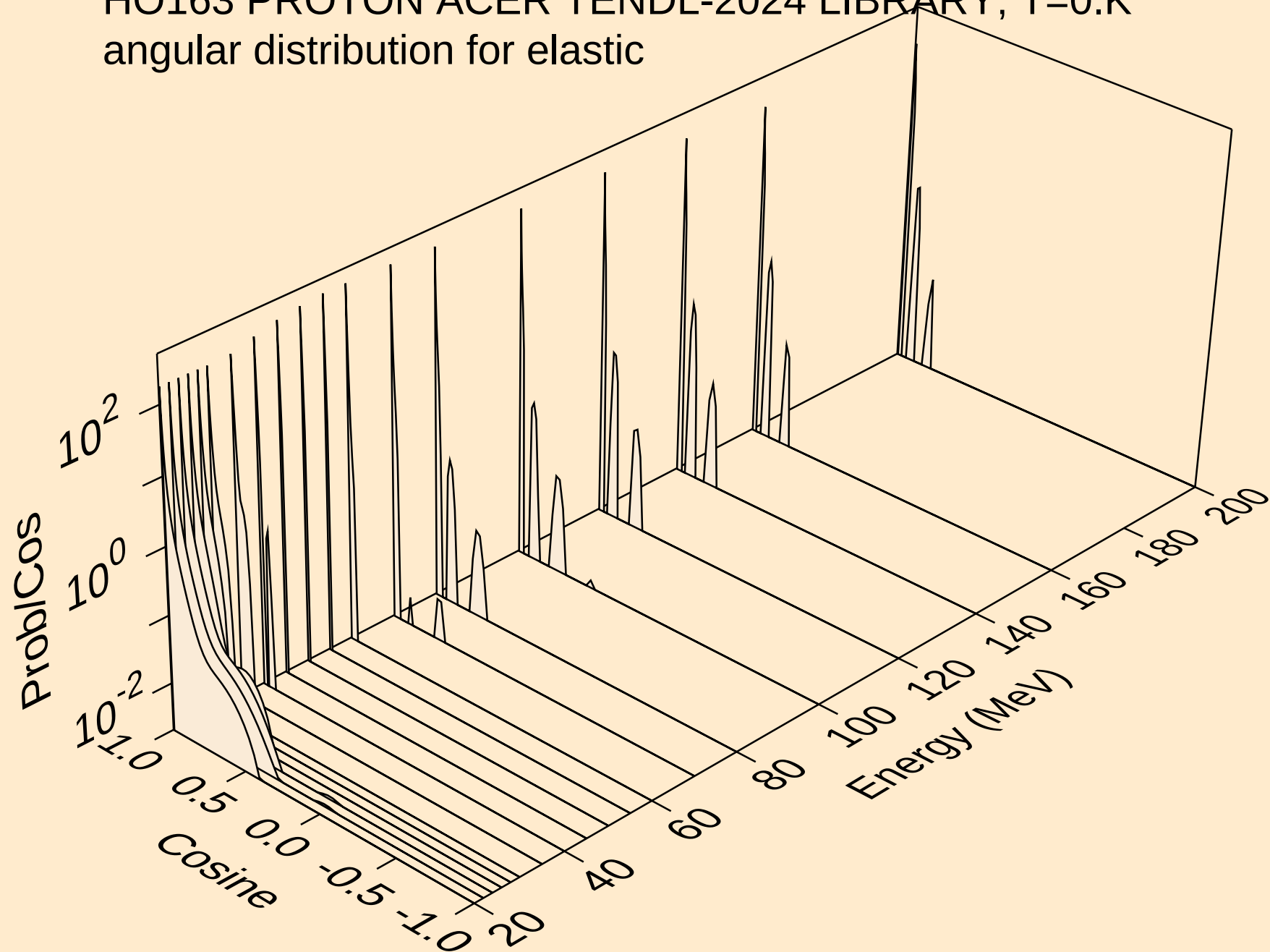
Threshold reactions



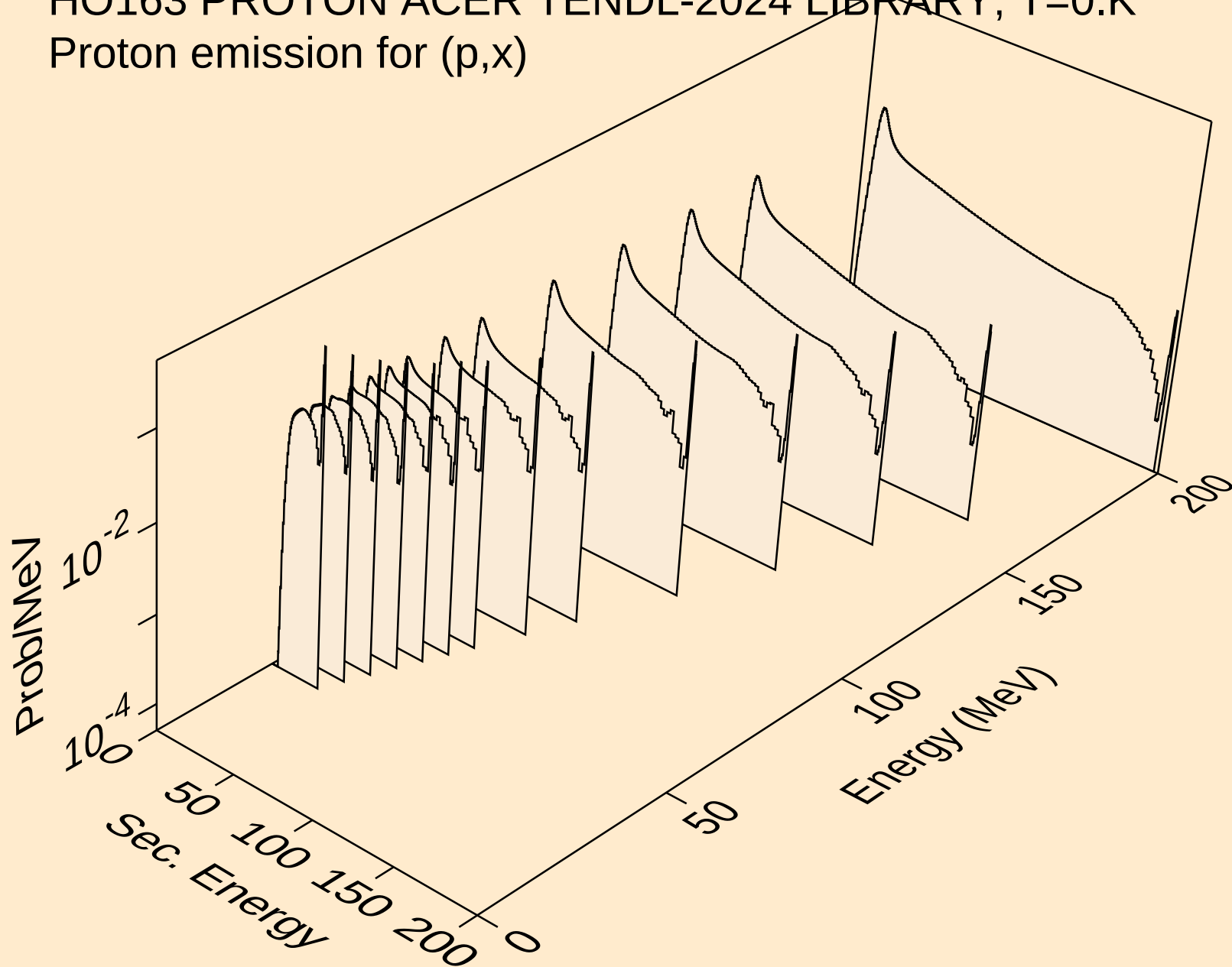
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

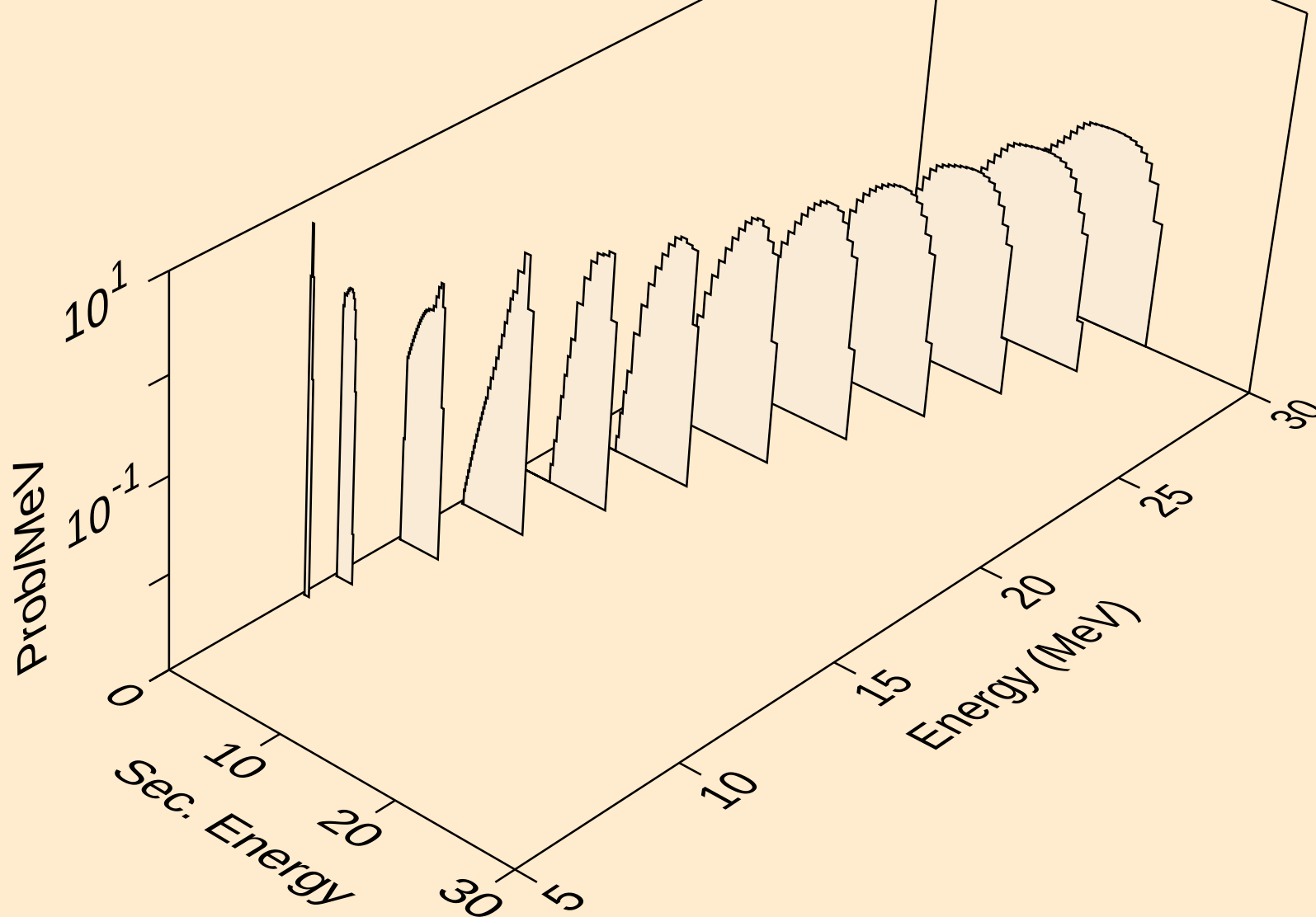


HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,x)

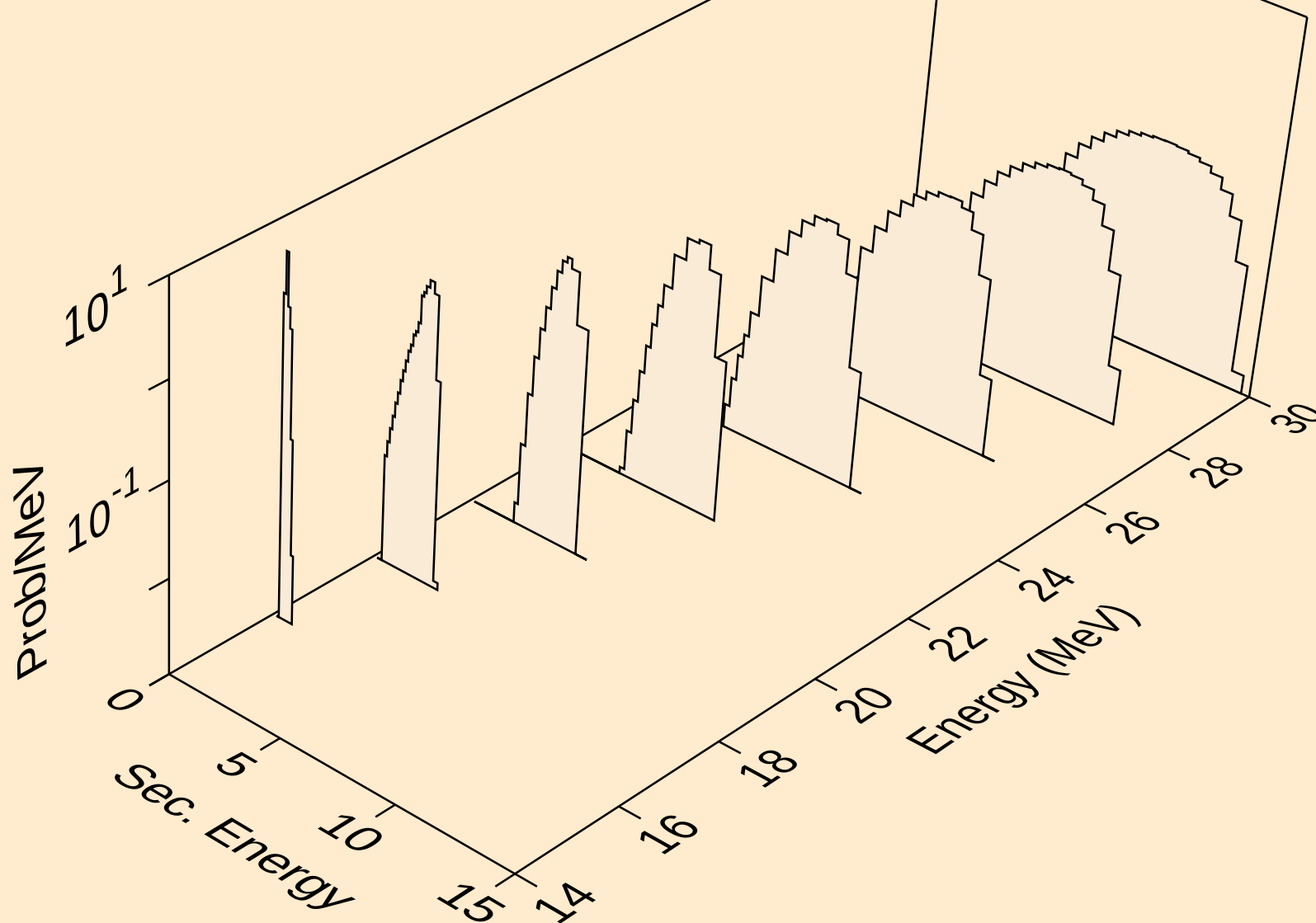


HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

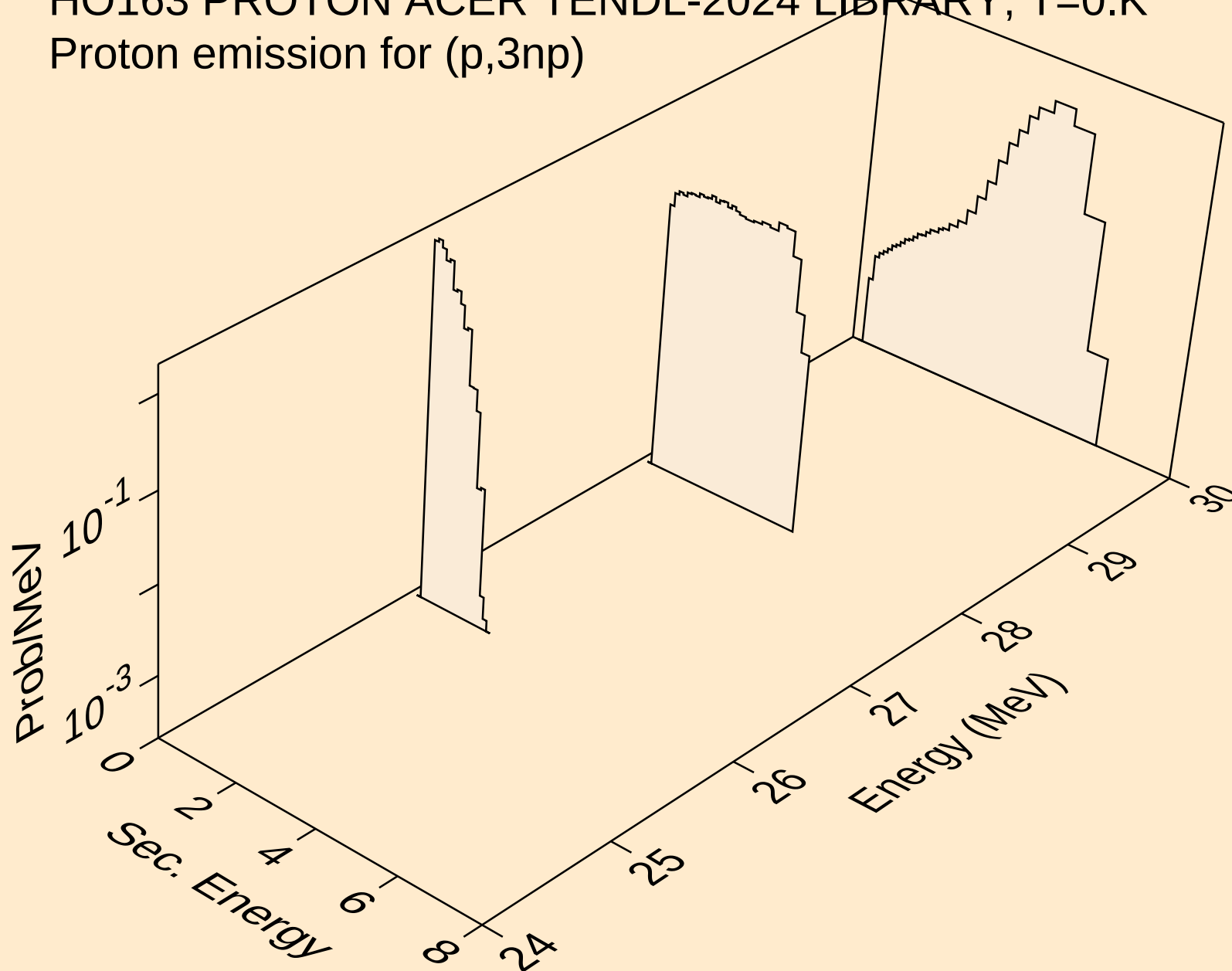
Proton emission for (p,n*)p



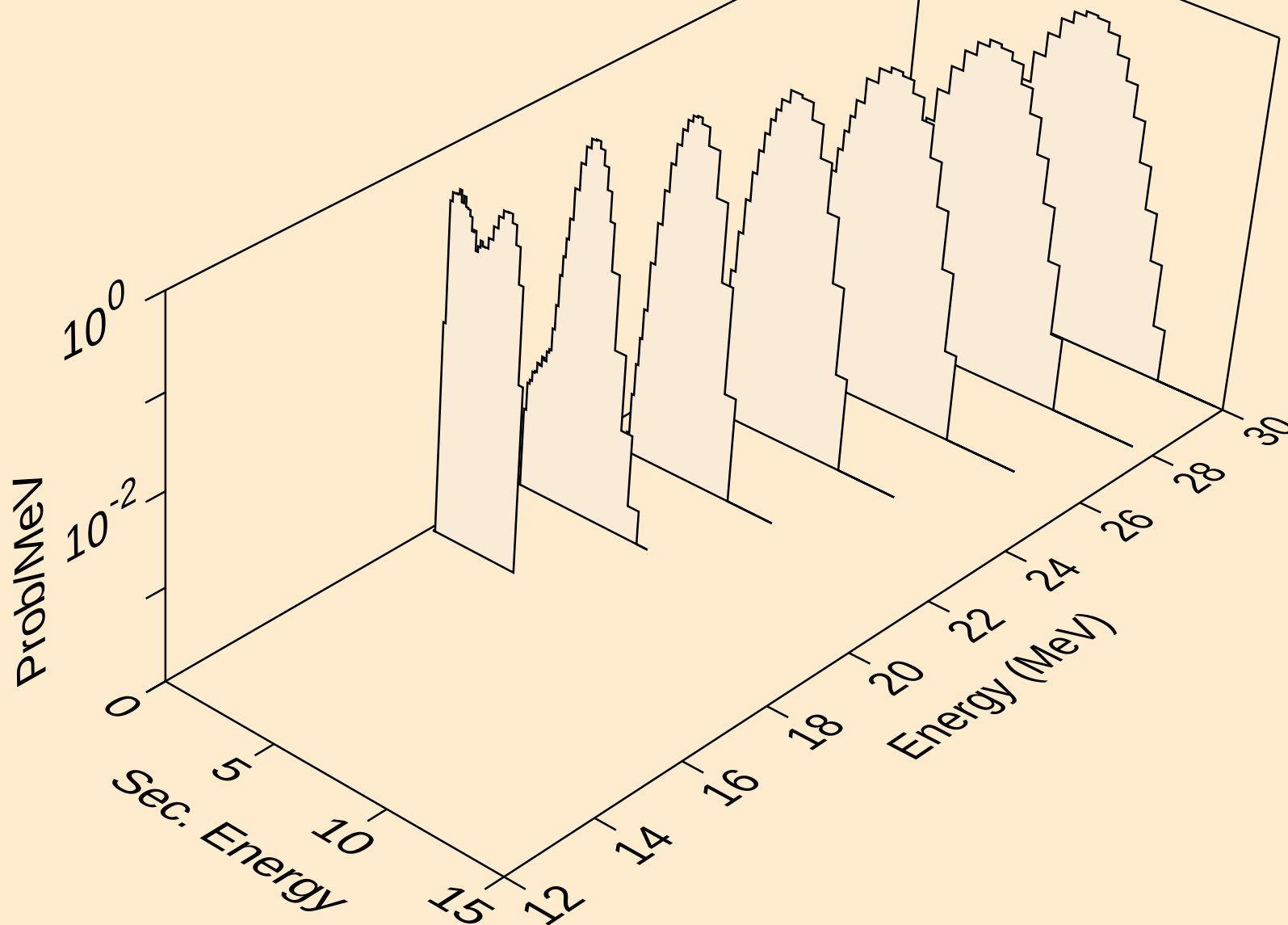
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2np)



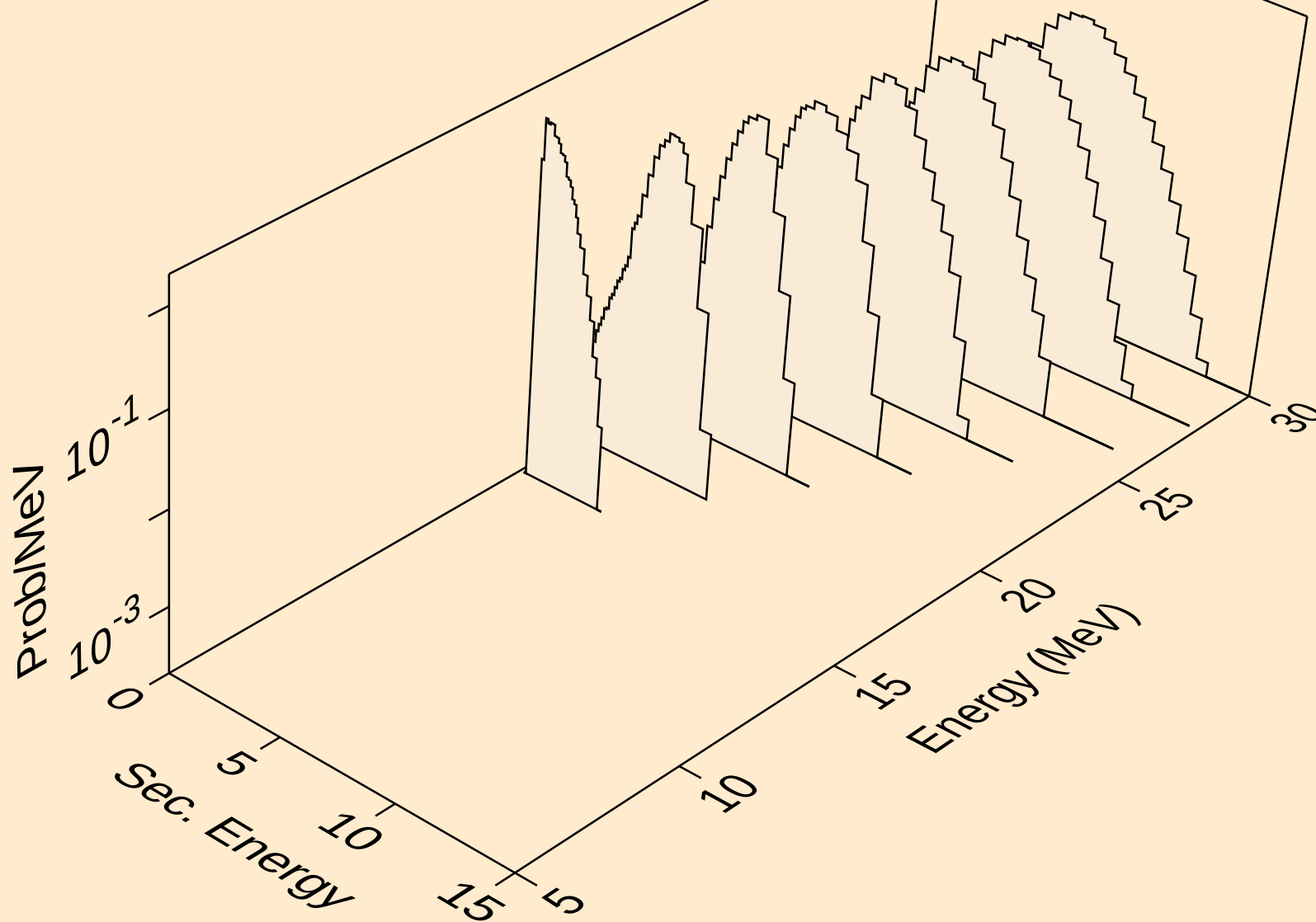
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,3np)



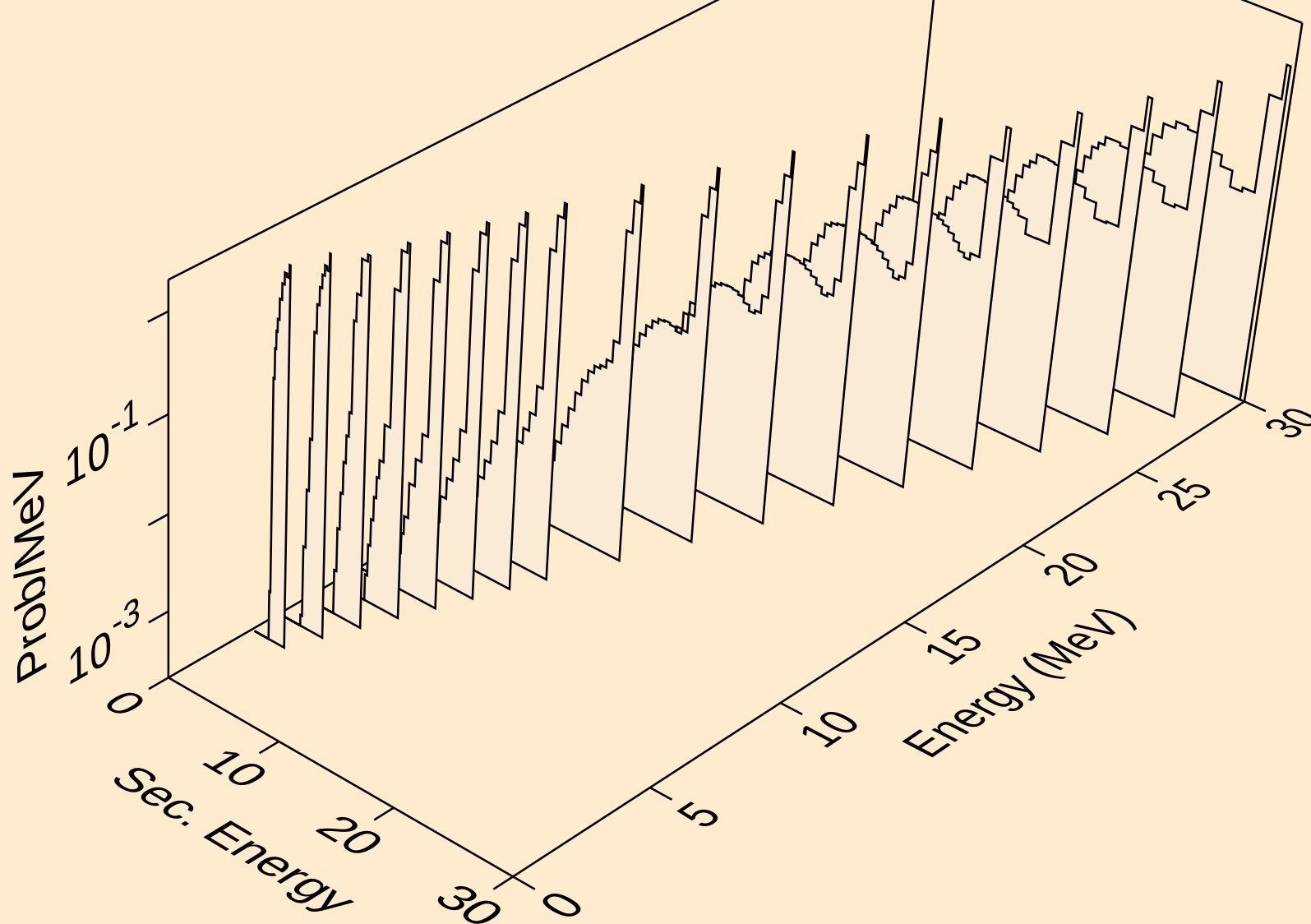
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,n2p)



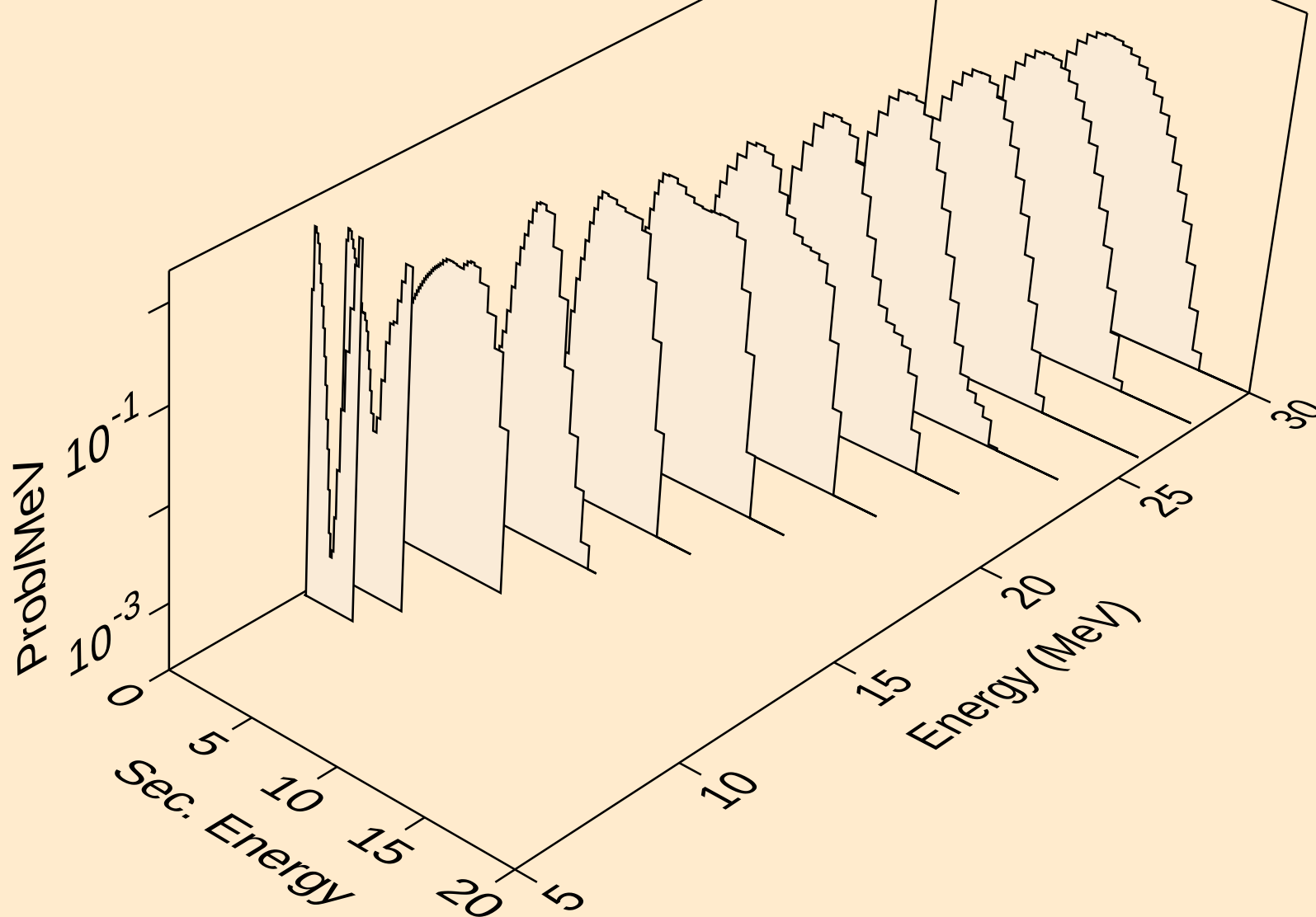
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,npa)



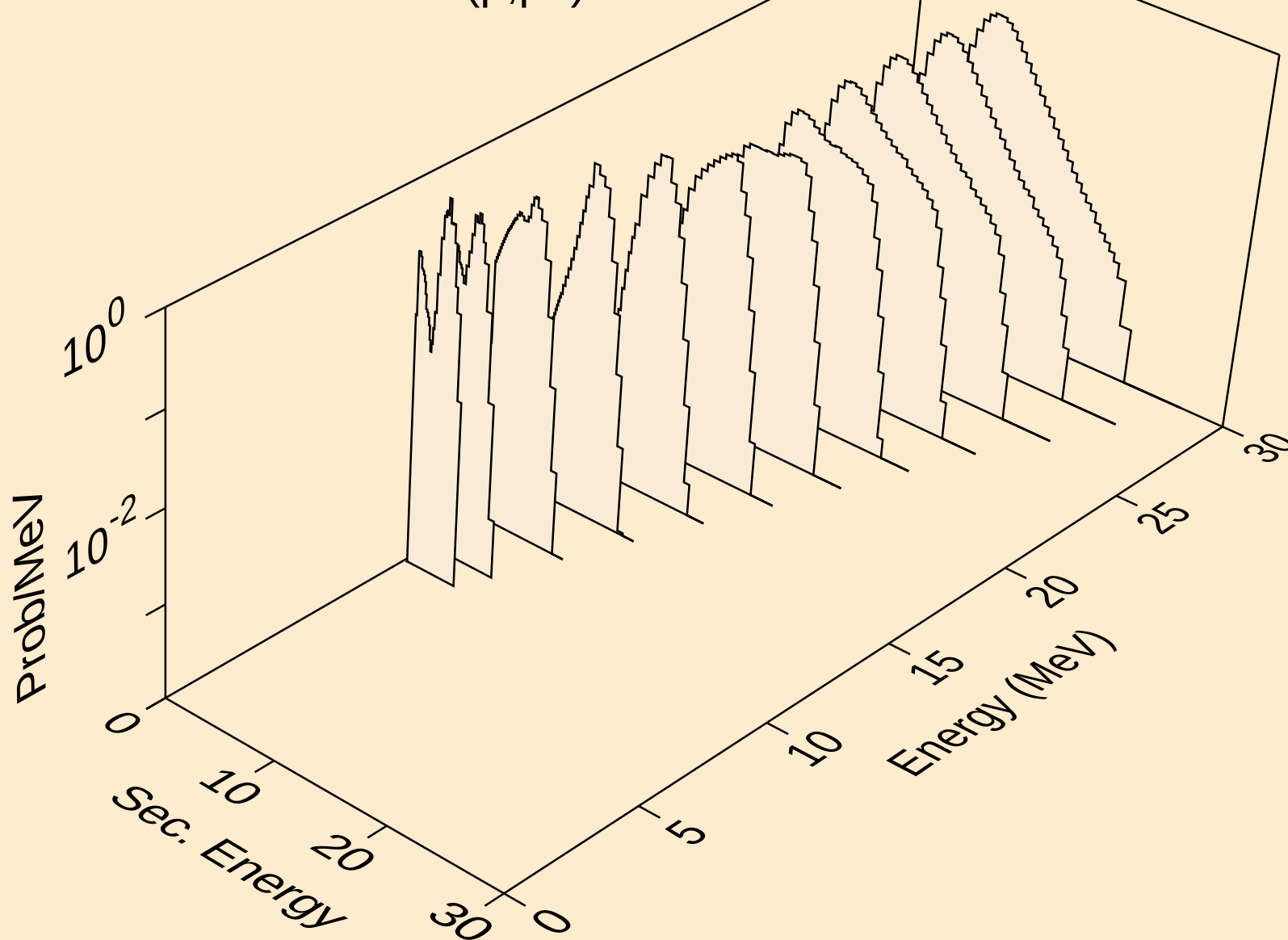
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for inelastic



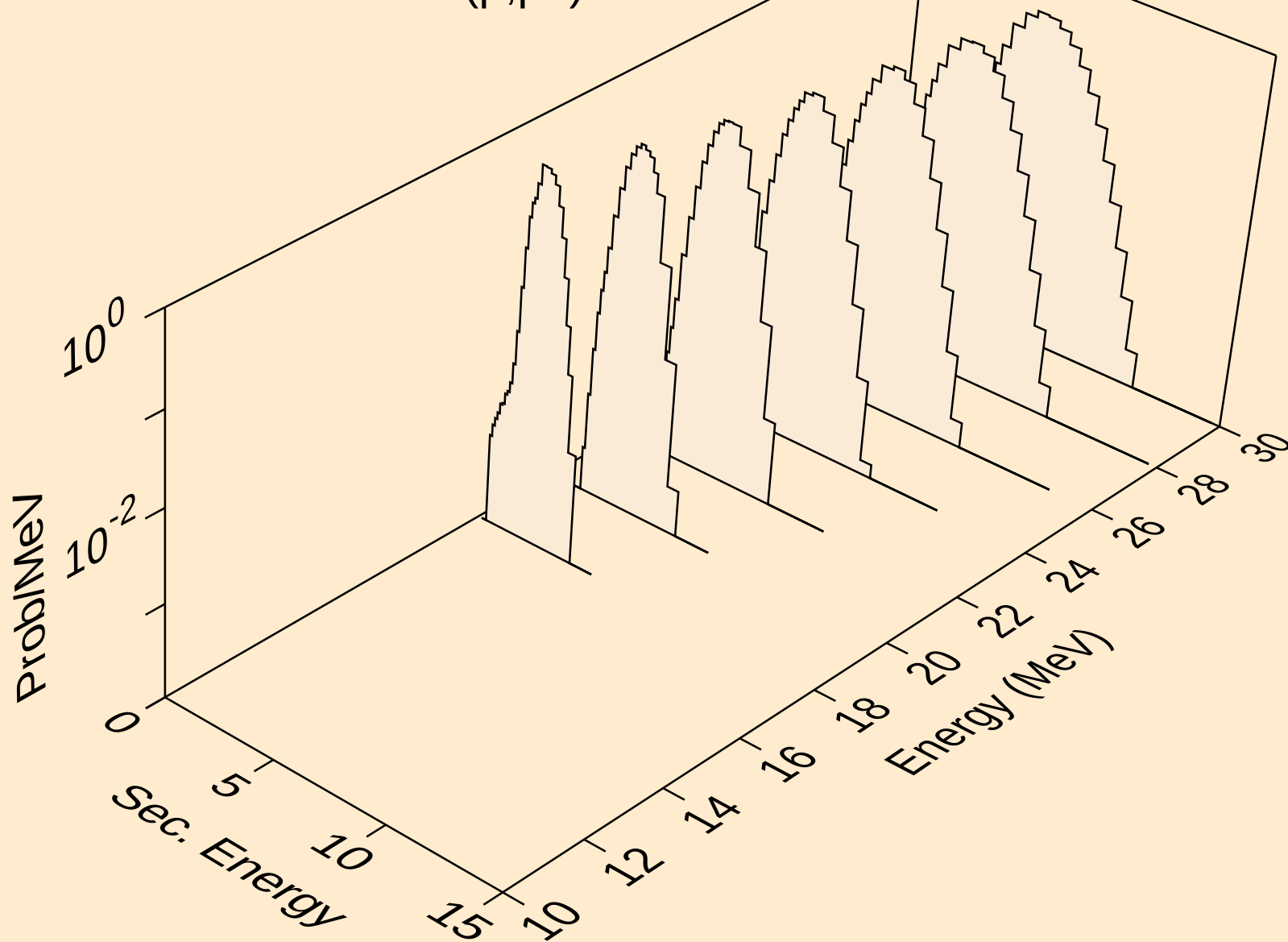
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2p)



HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pa)

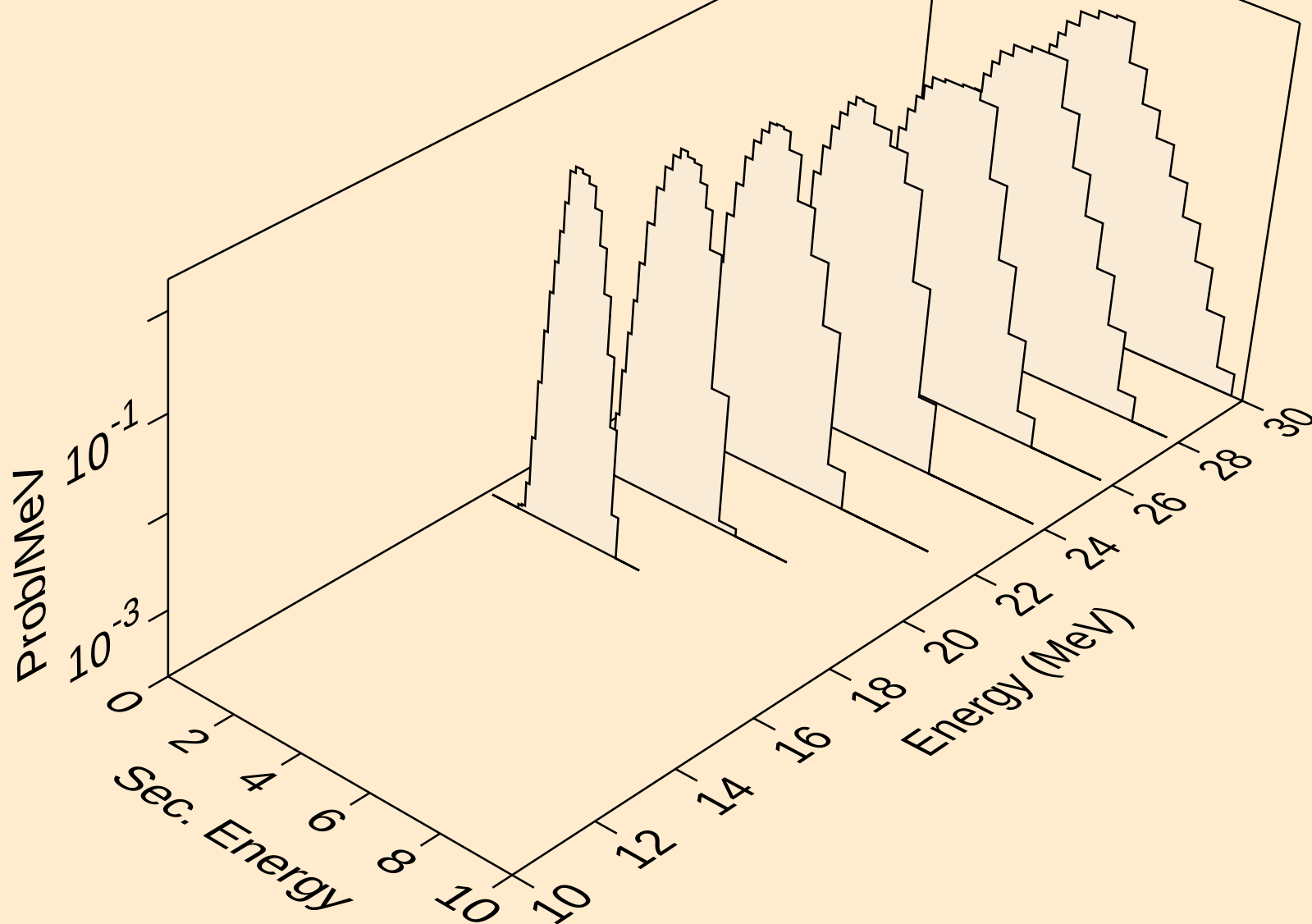


HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pd)

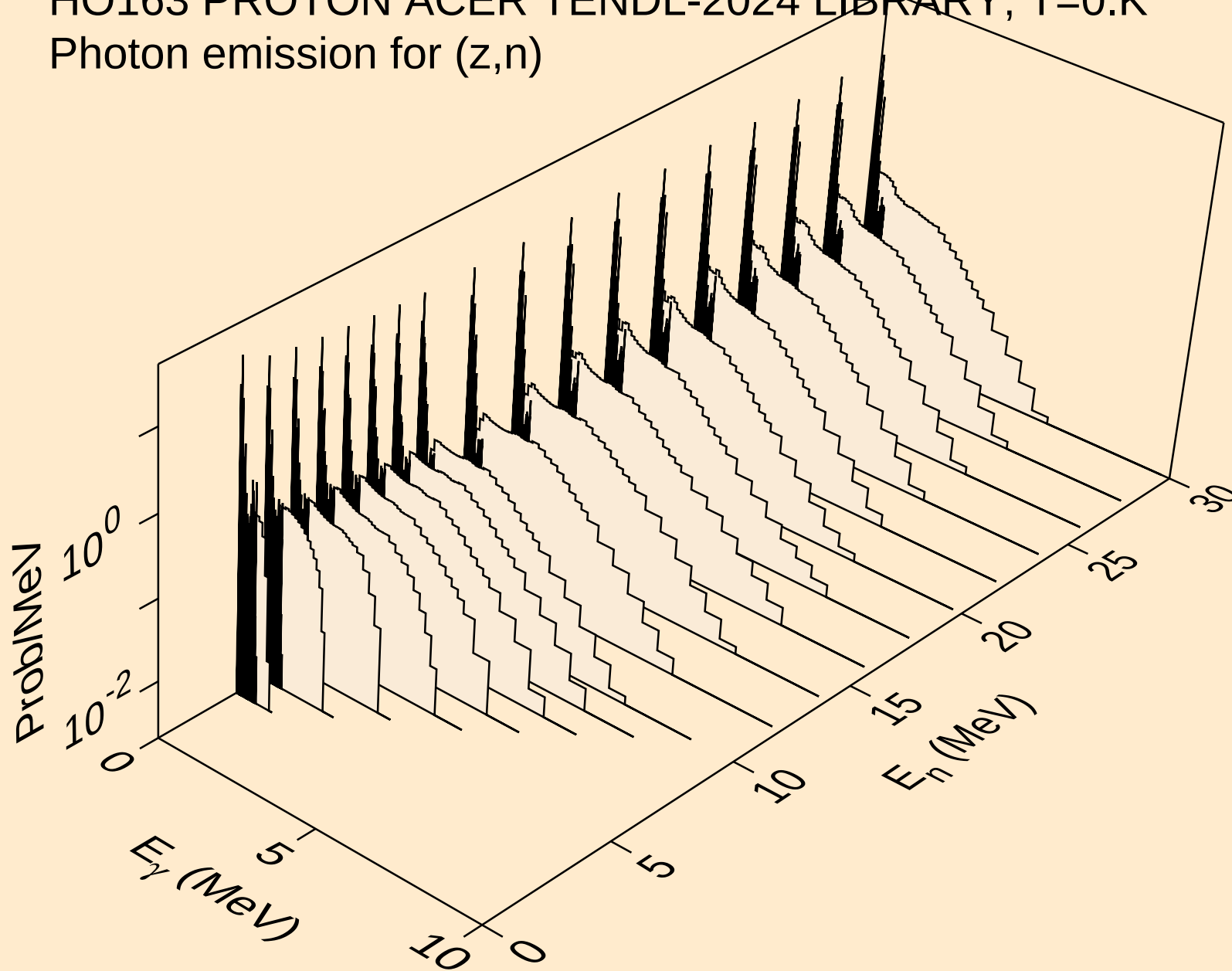


HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,pt)

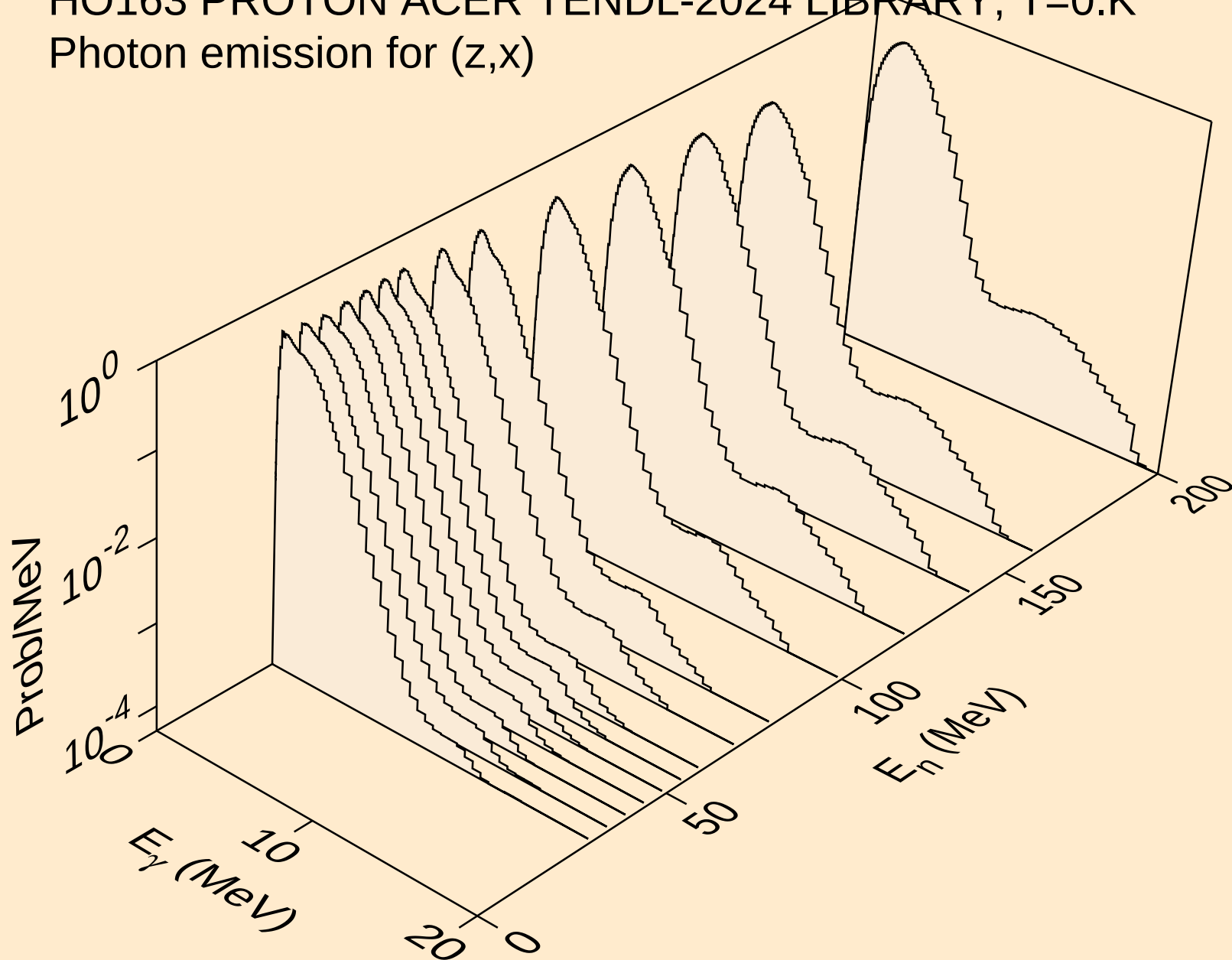


HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

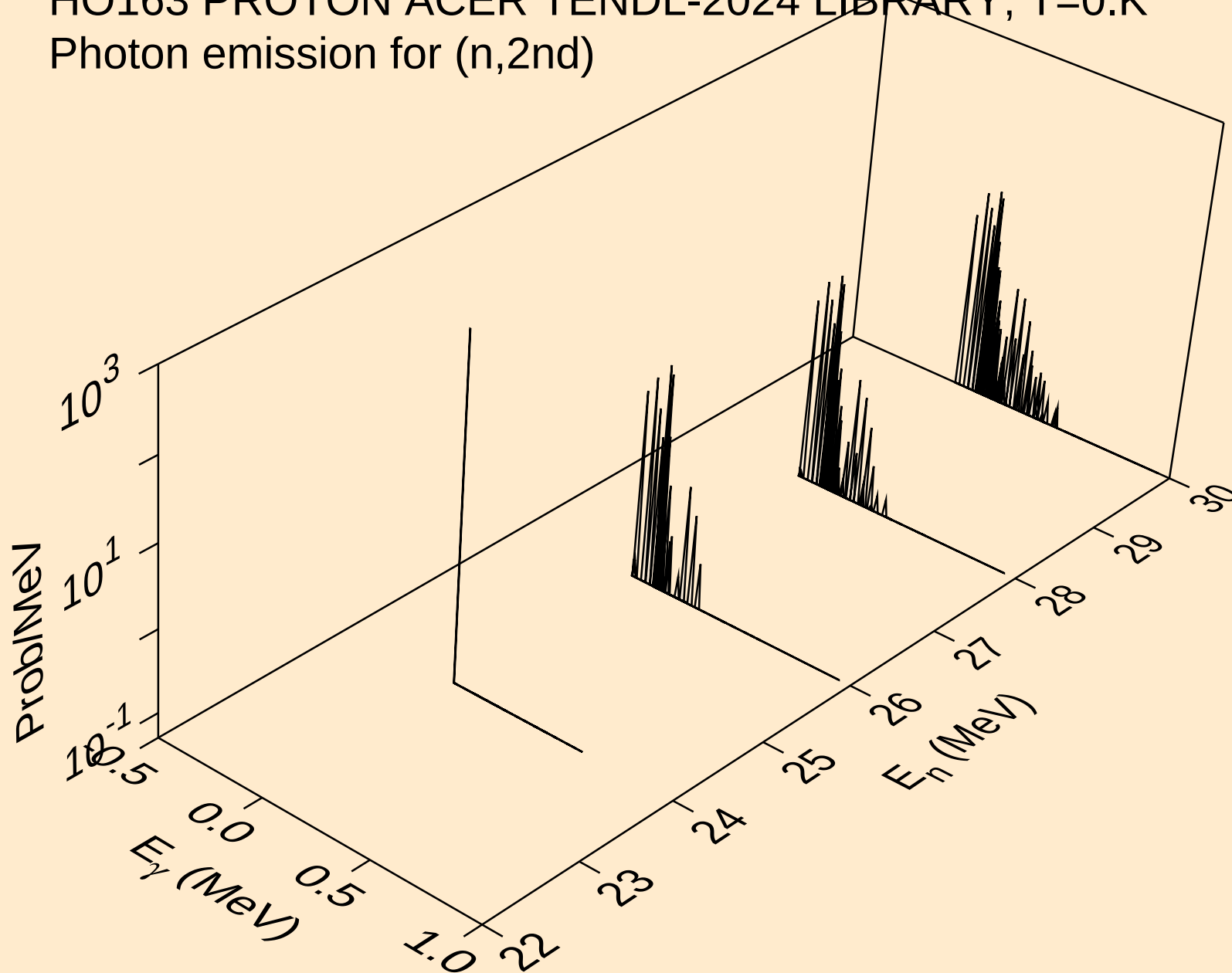


HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

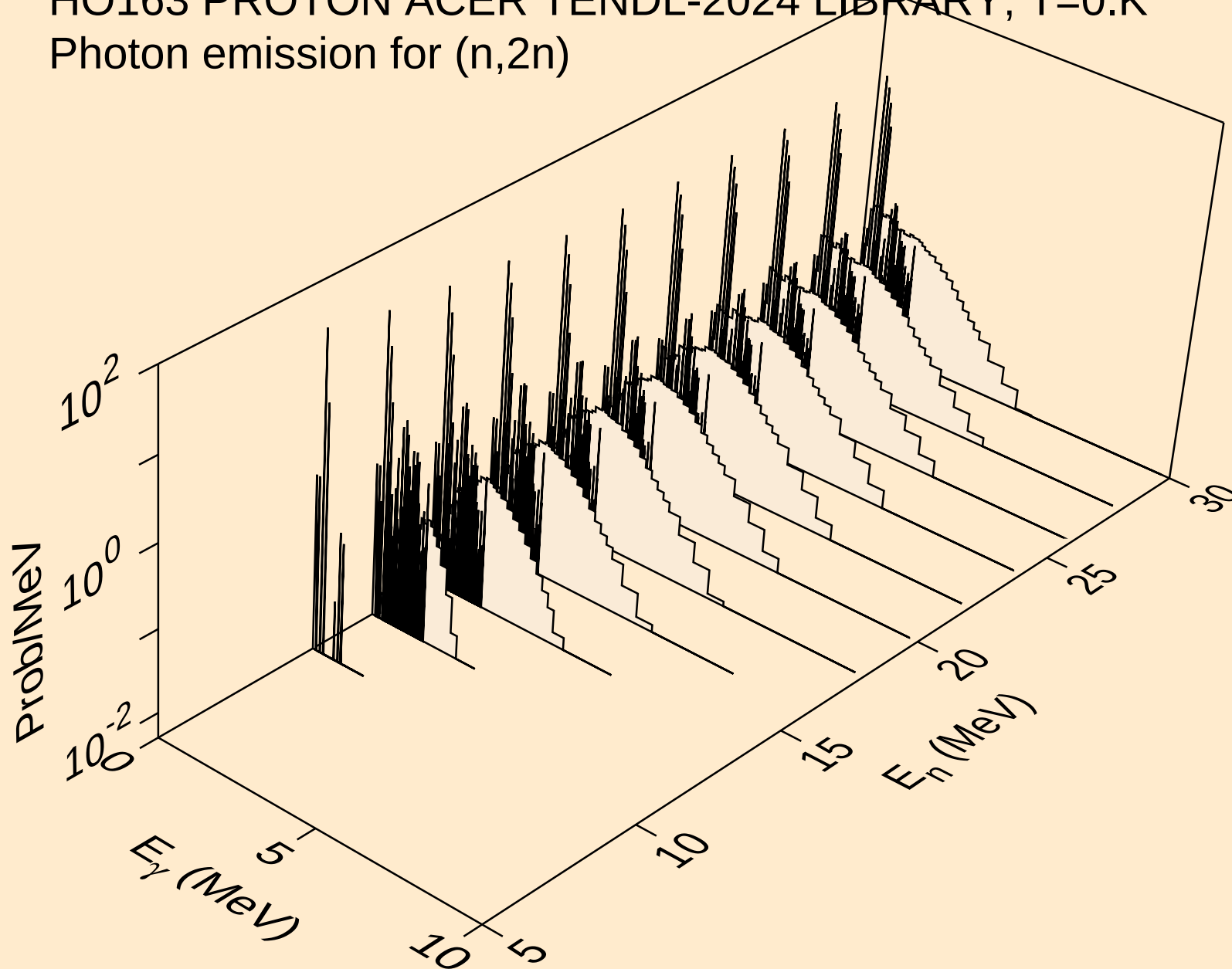
Photon emission for (z,x)



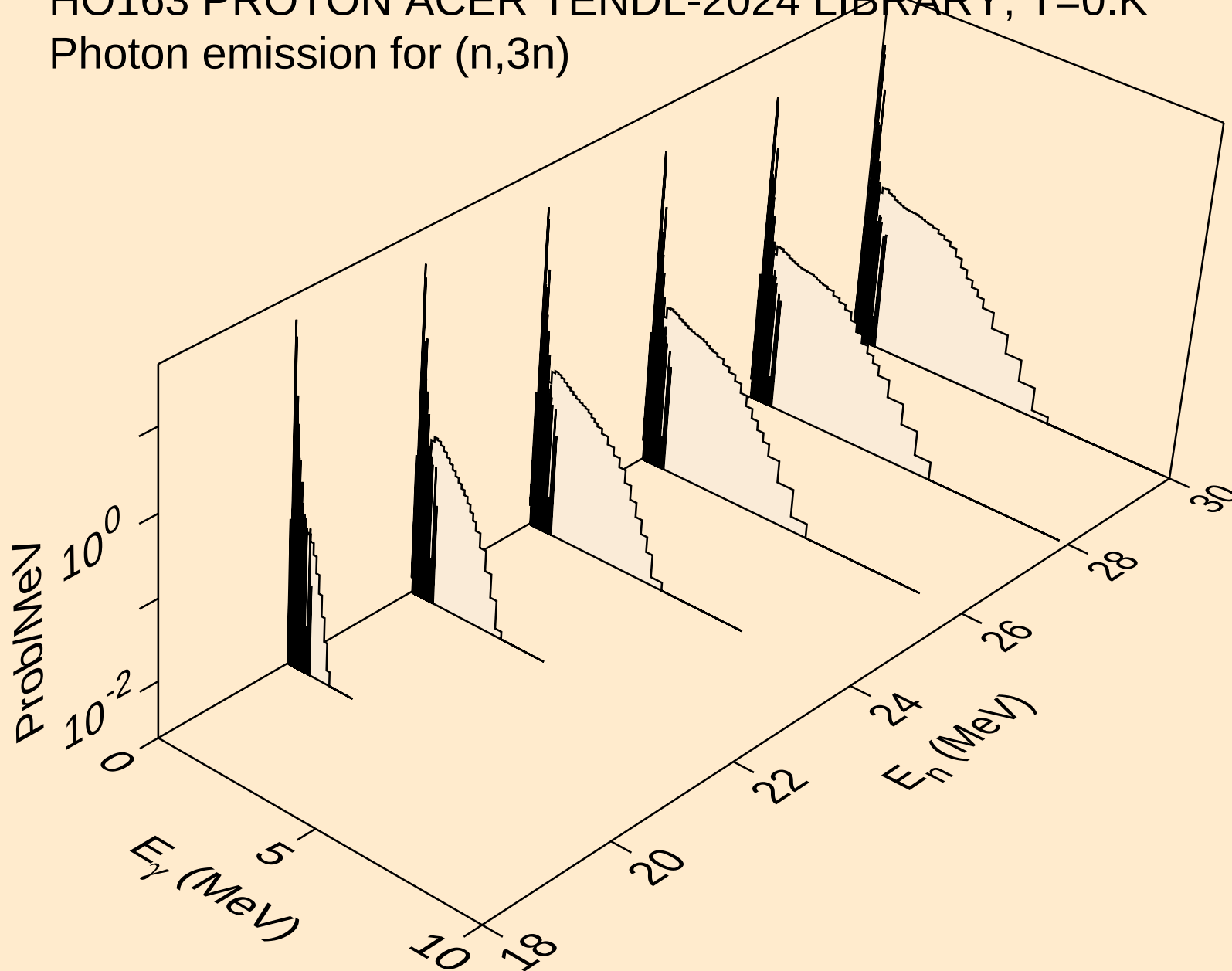
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)

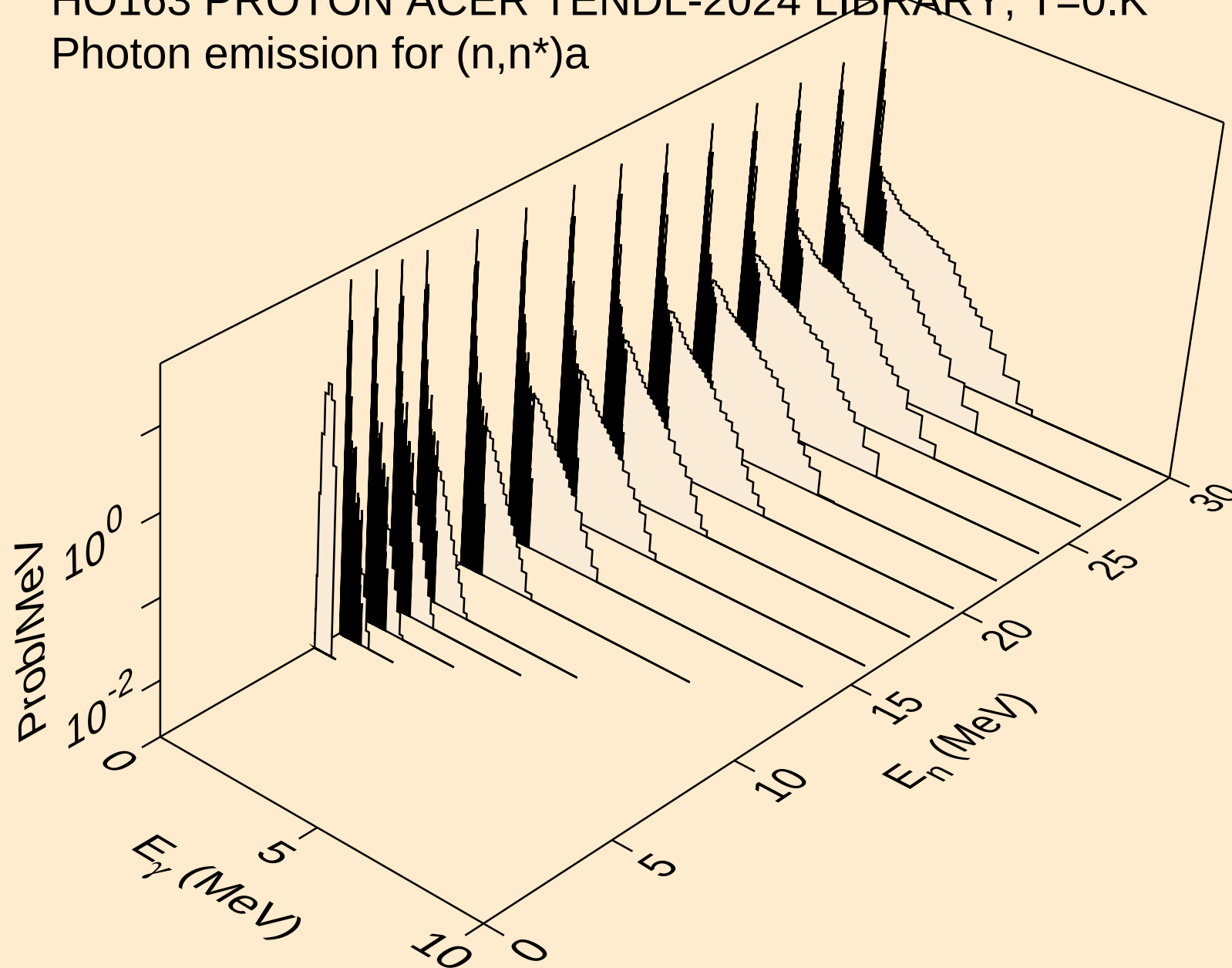


HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



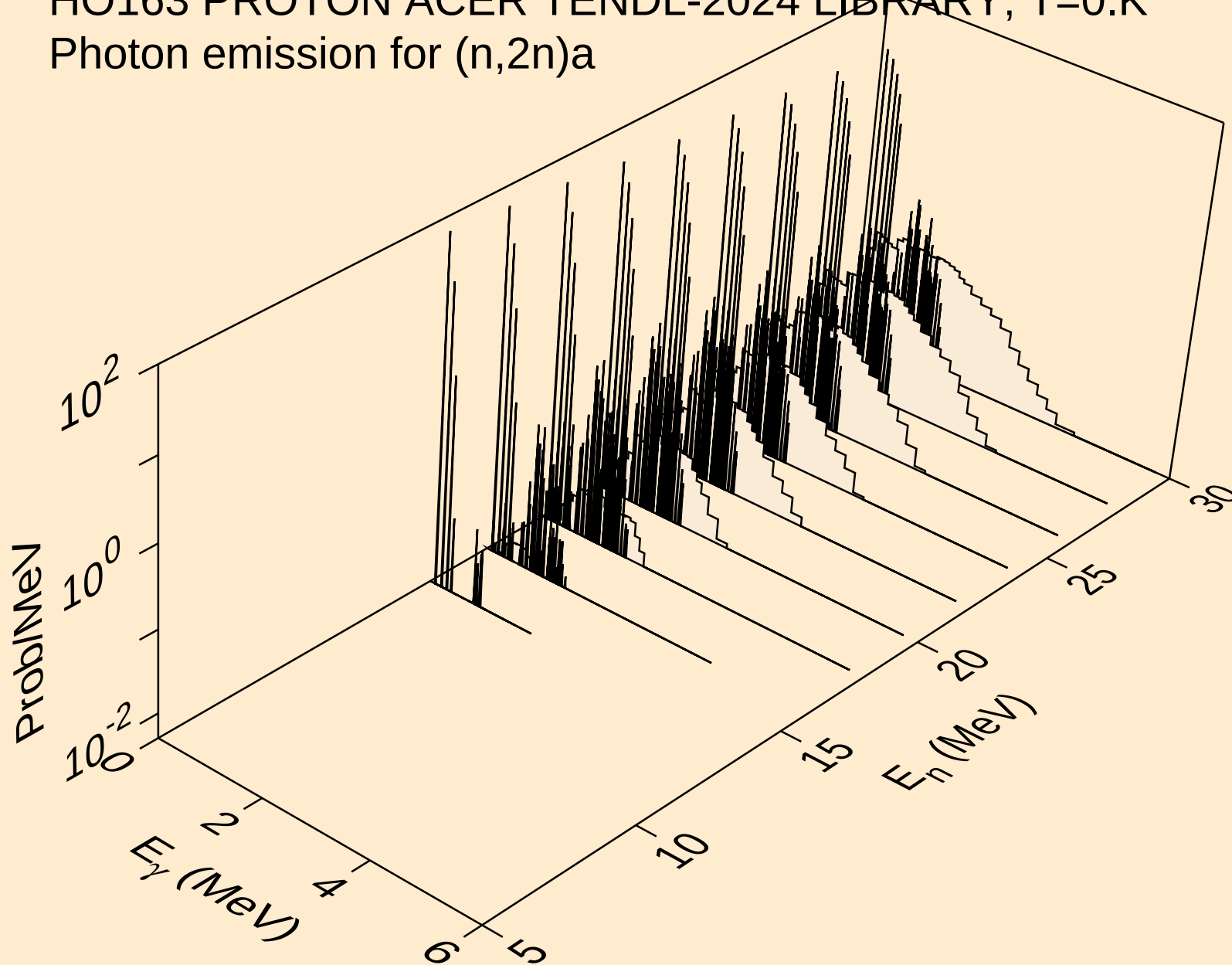
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a

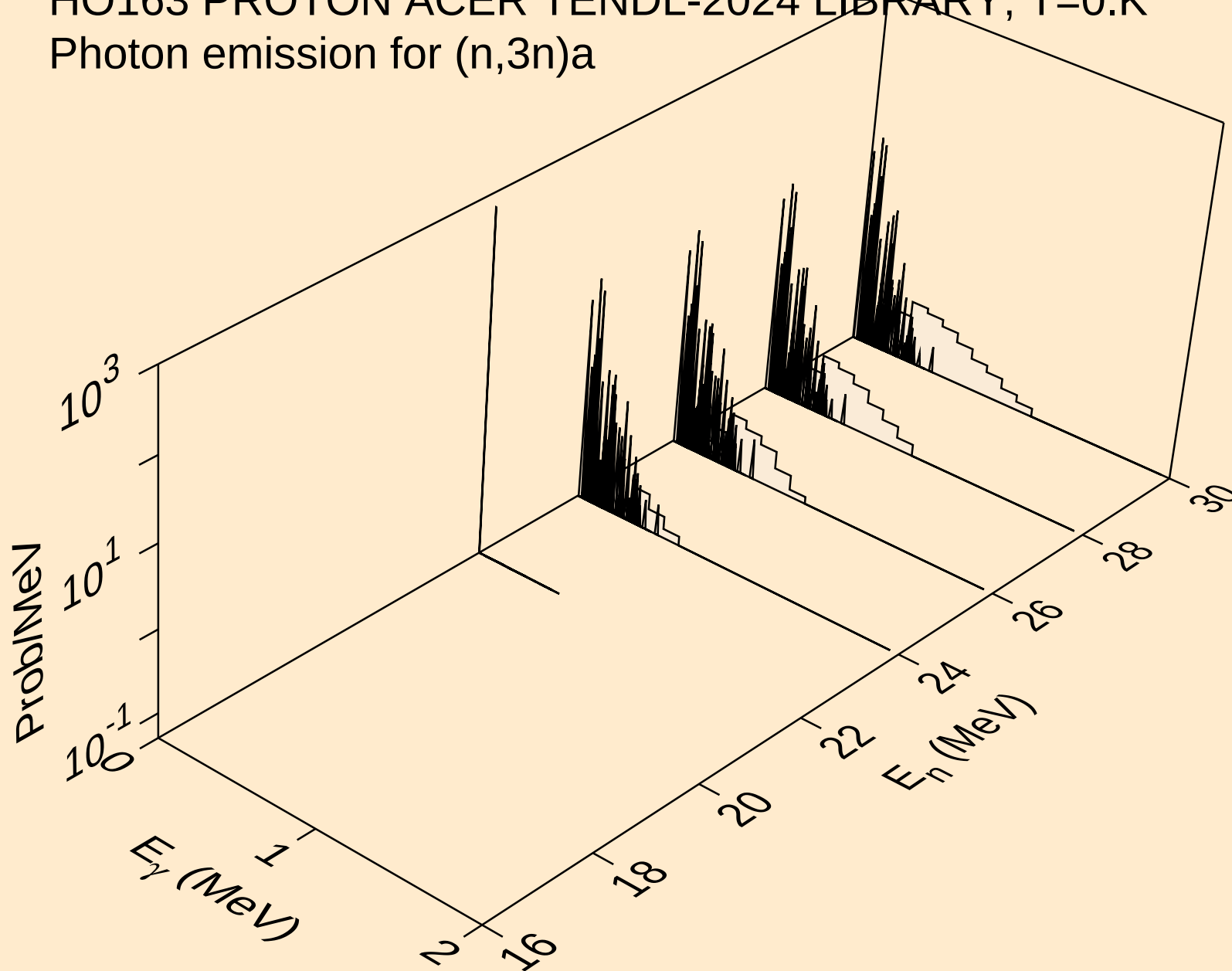


HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

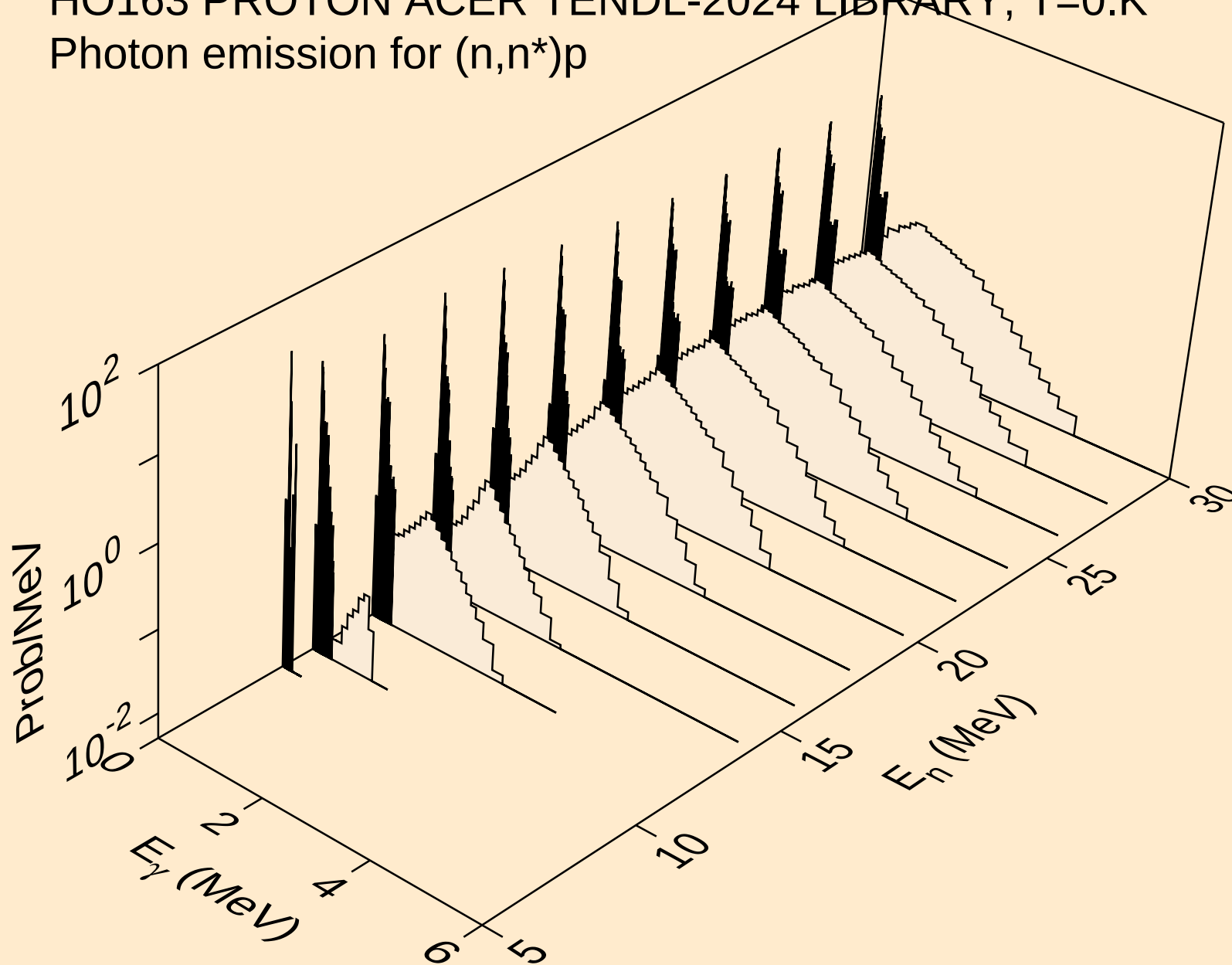
Photon emission for (n,2n) α



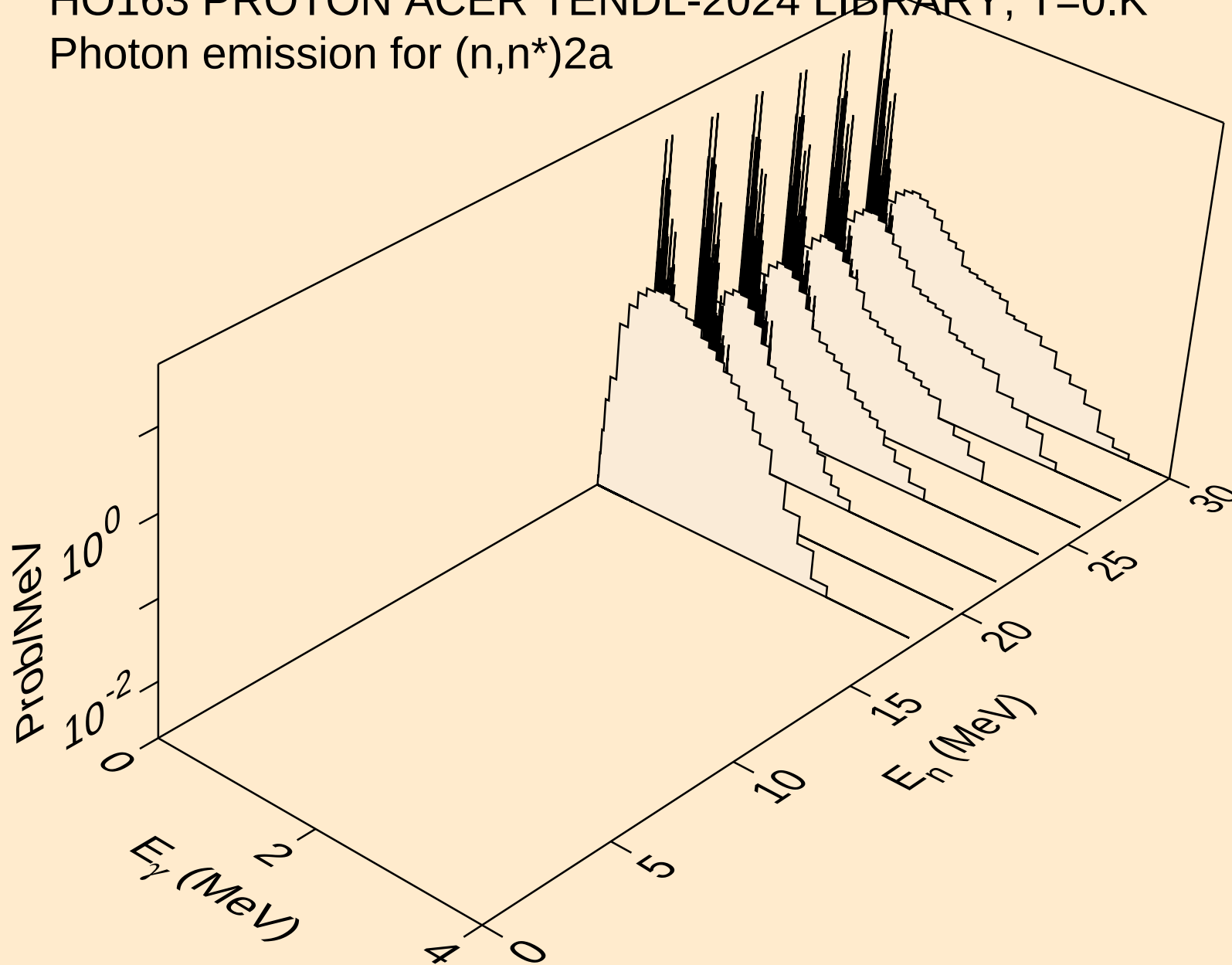
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n) α



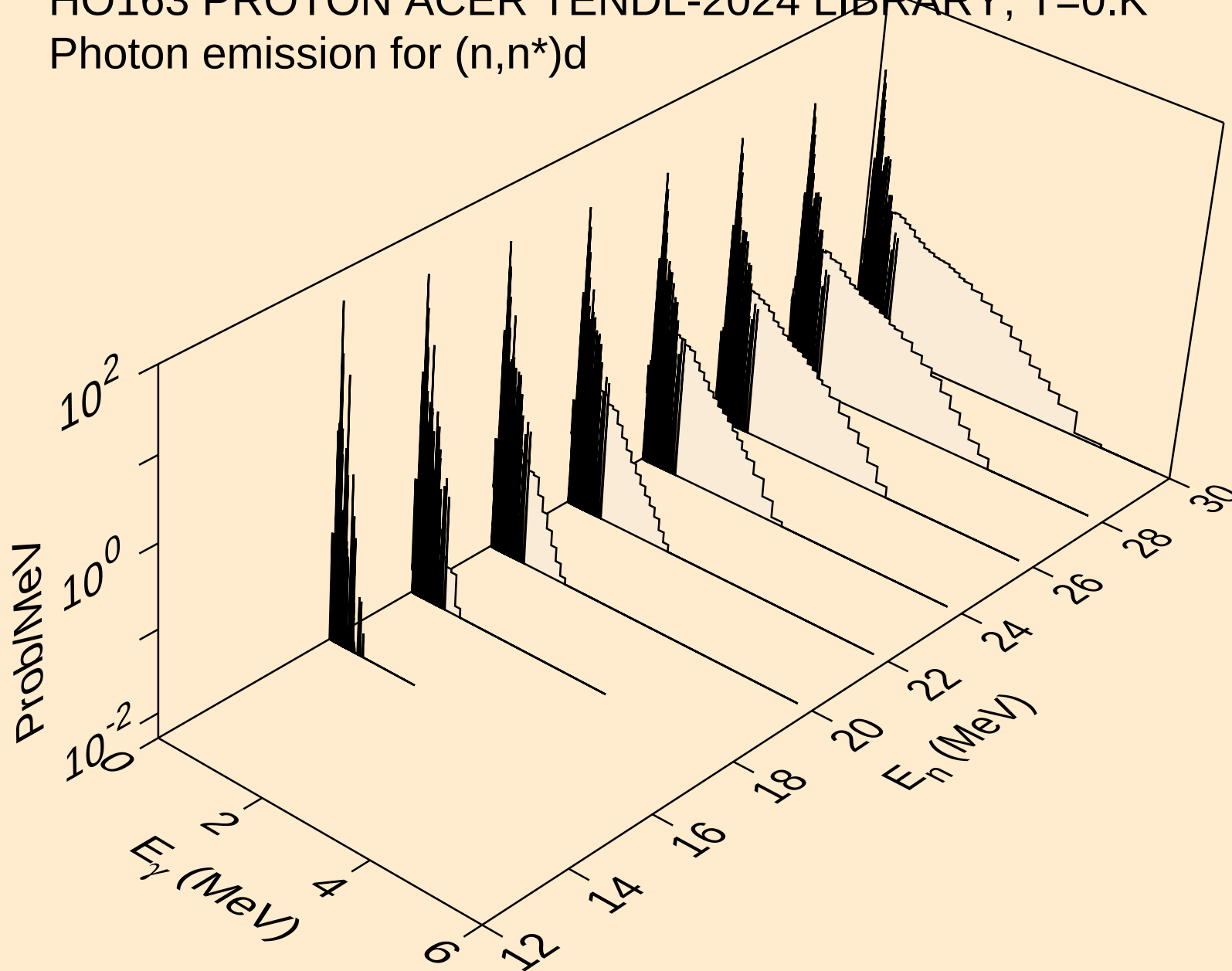
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a

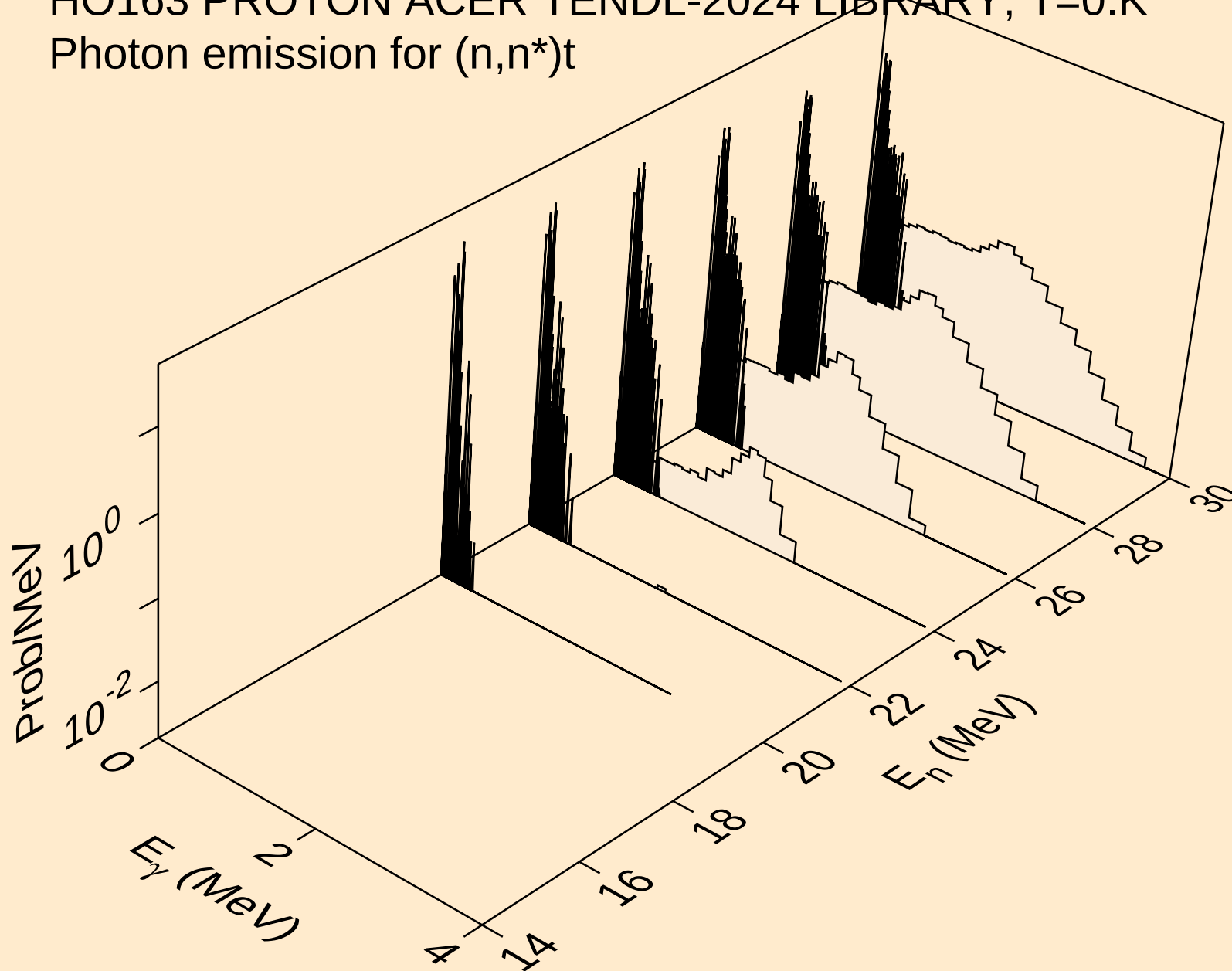


HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d

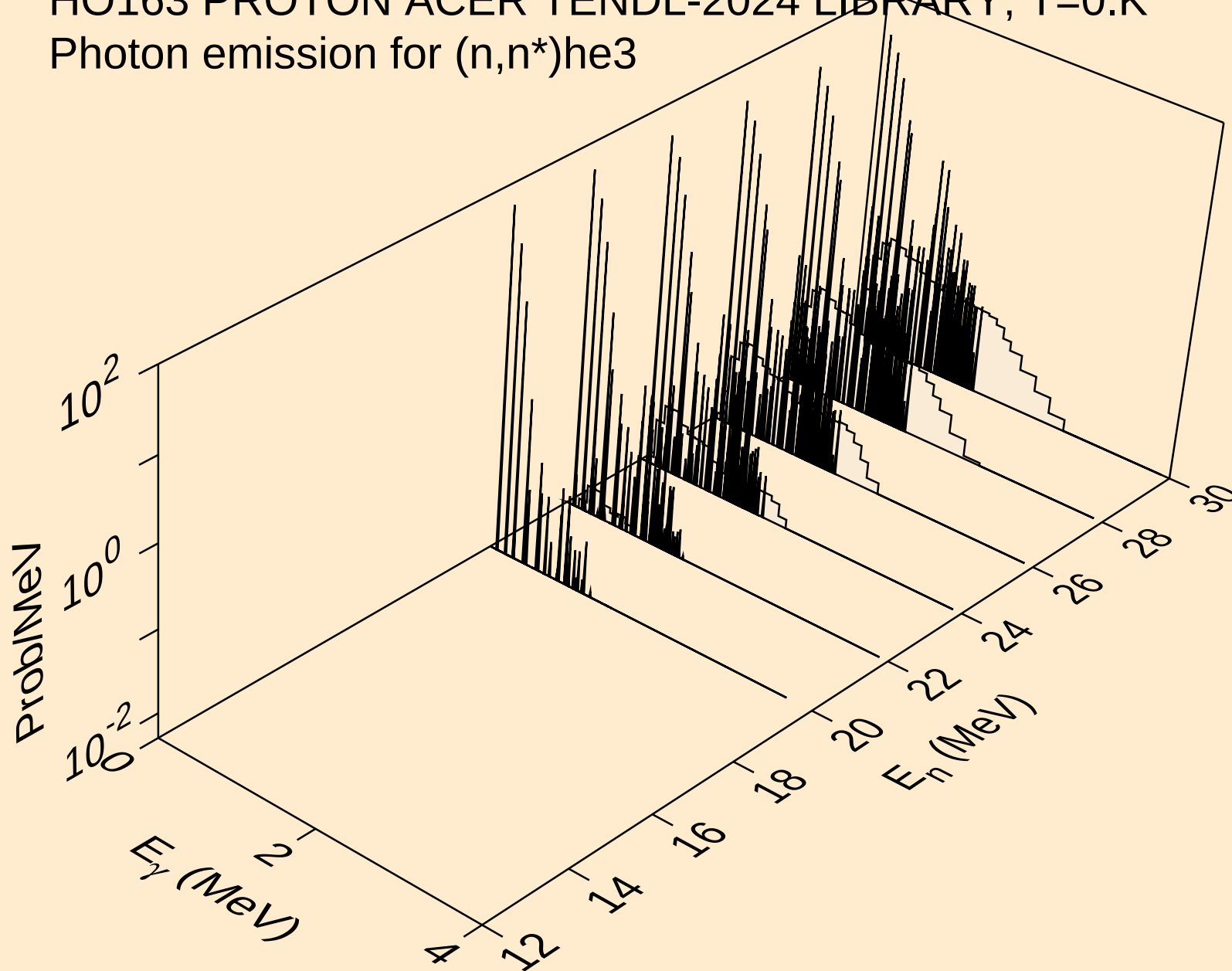


HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

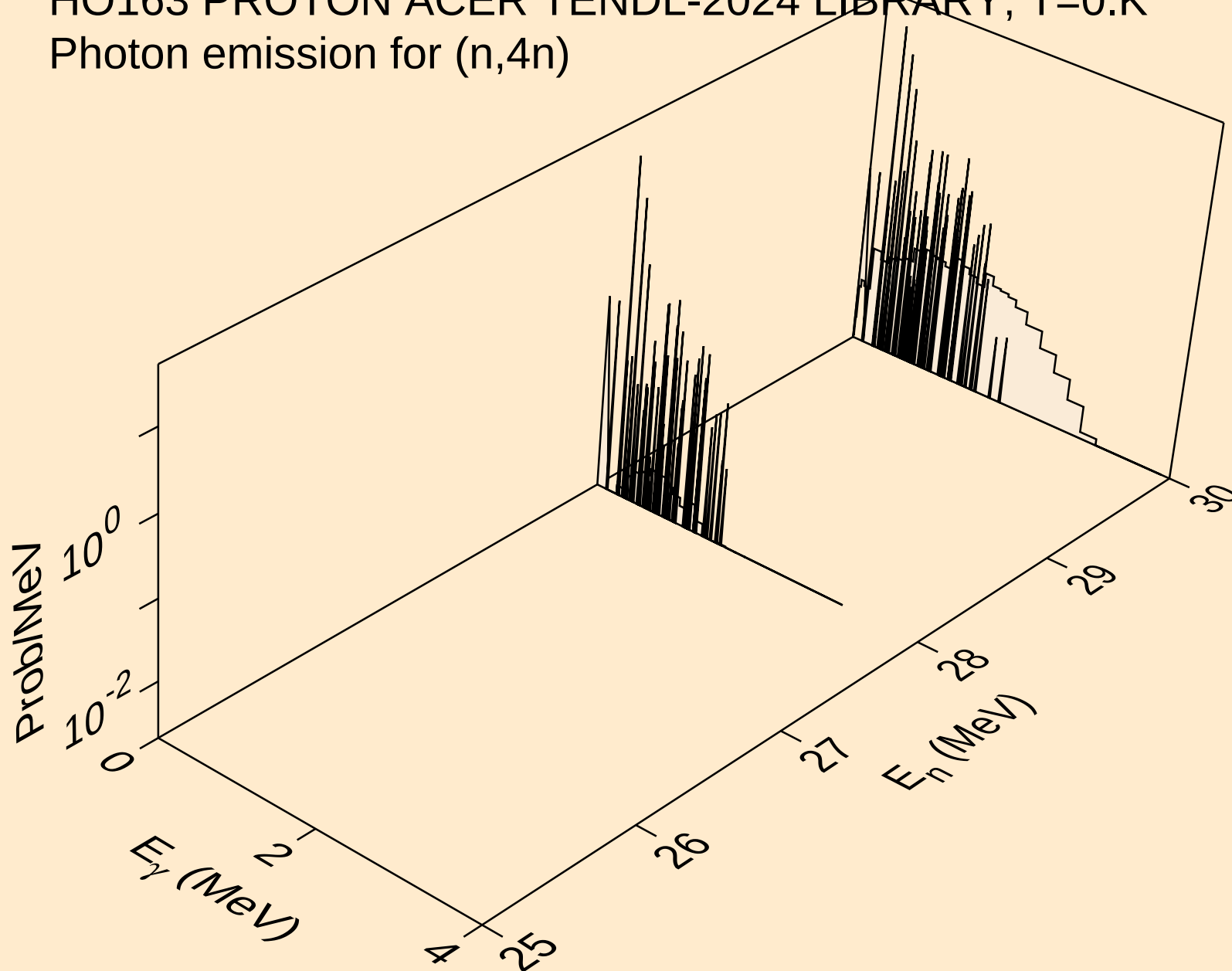
Photon emission for (n,n*)t



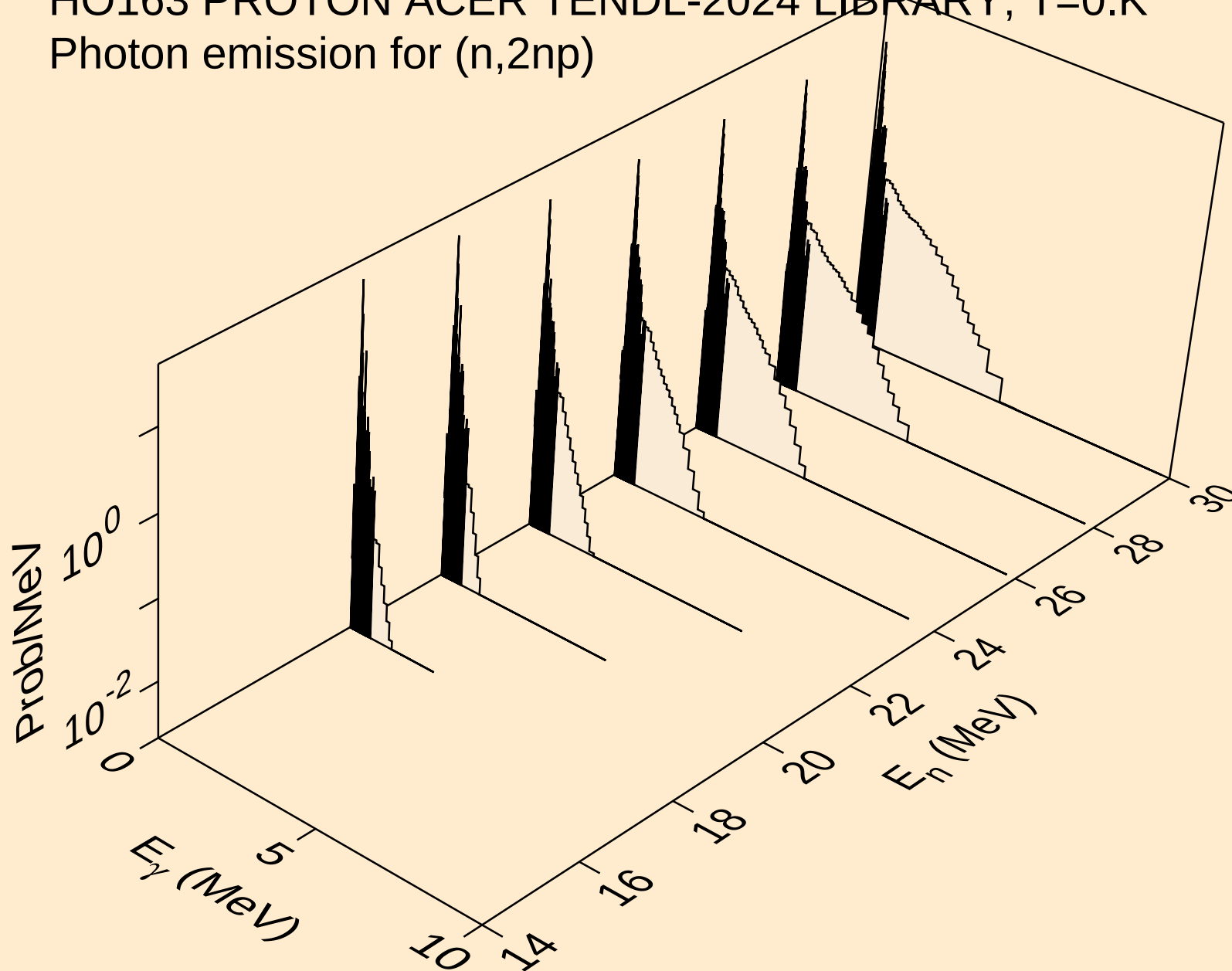
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



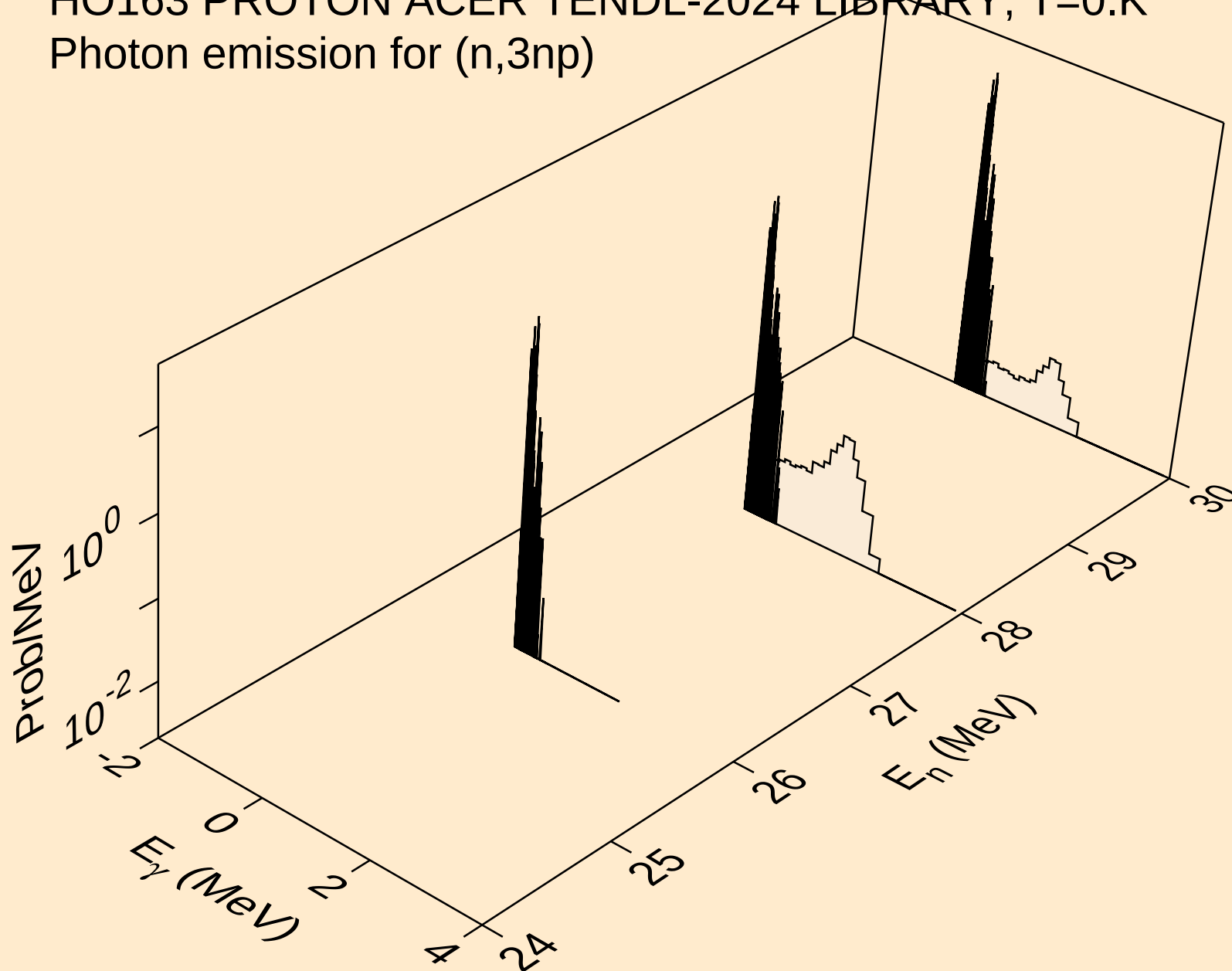
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



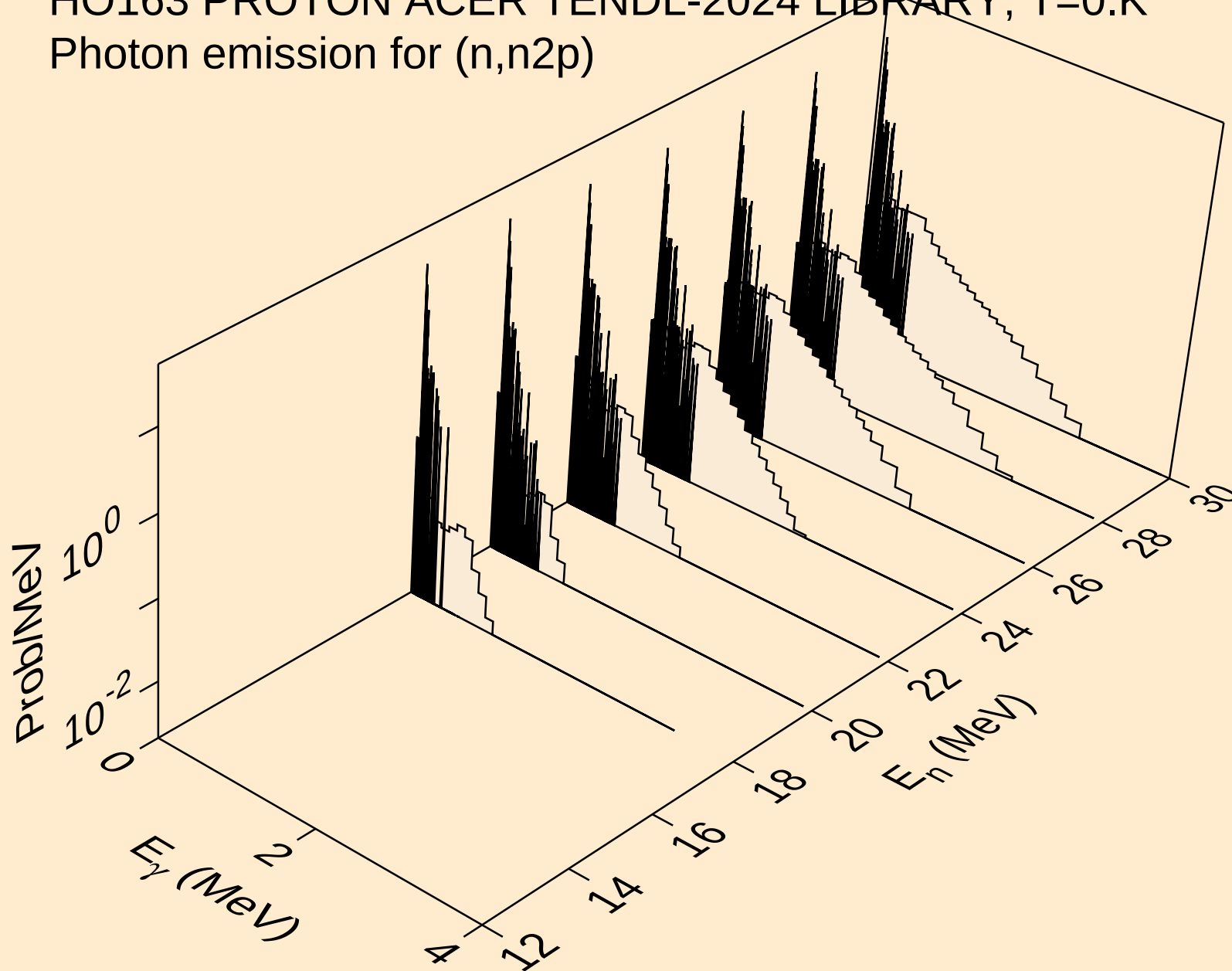
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



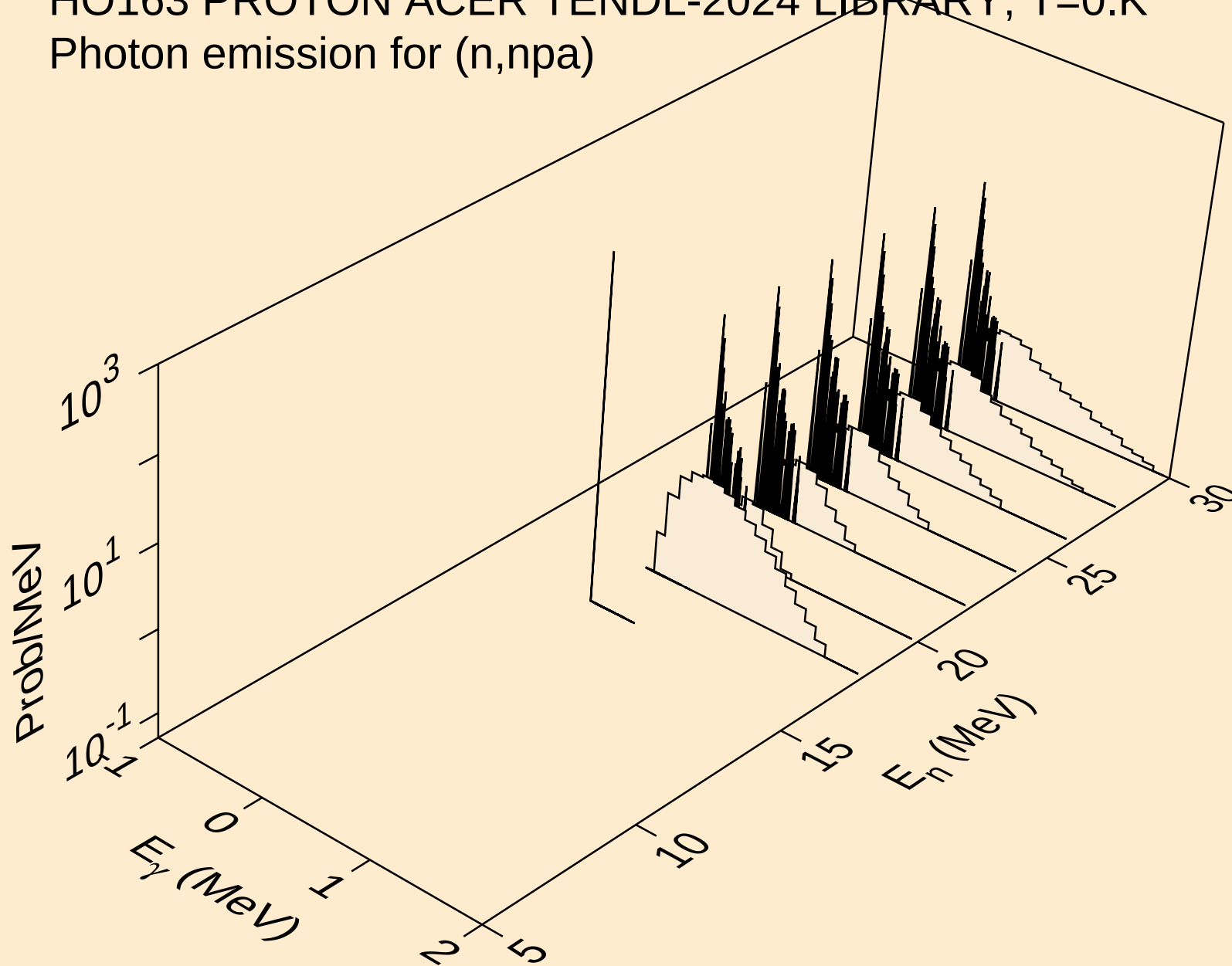
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



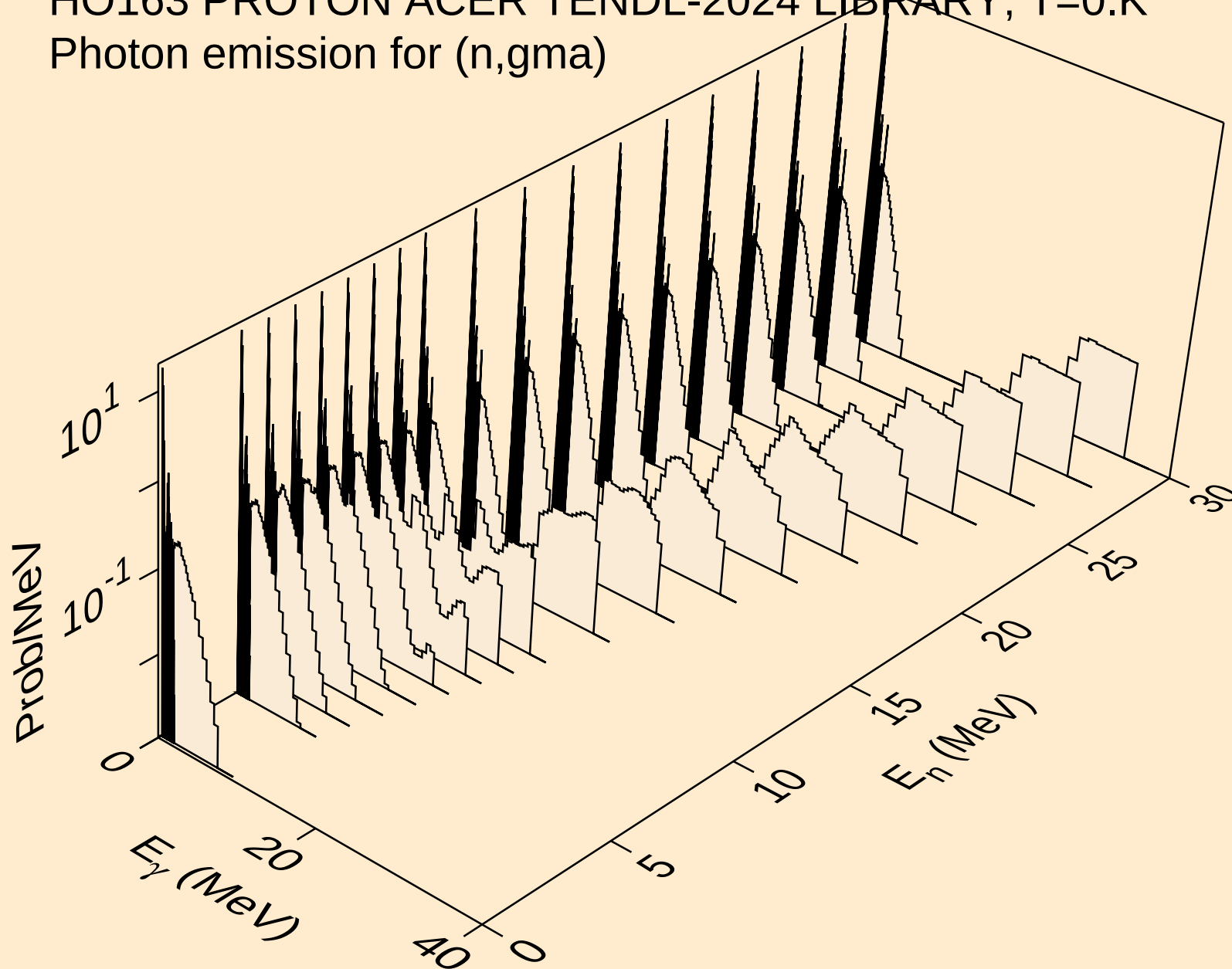
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



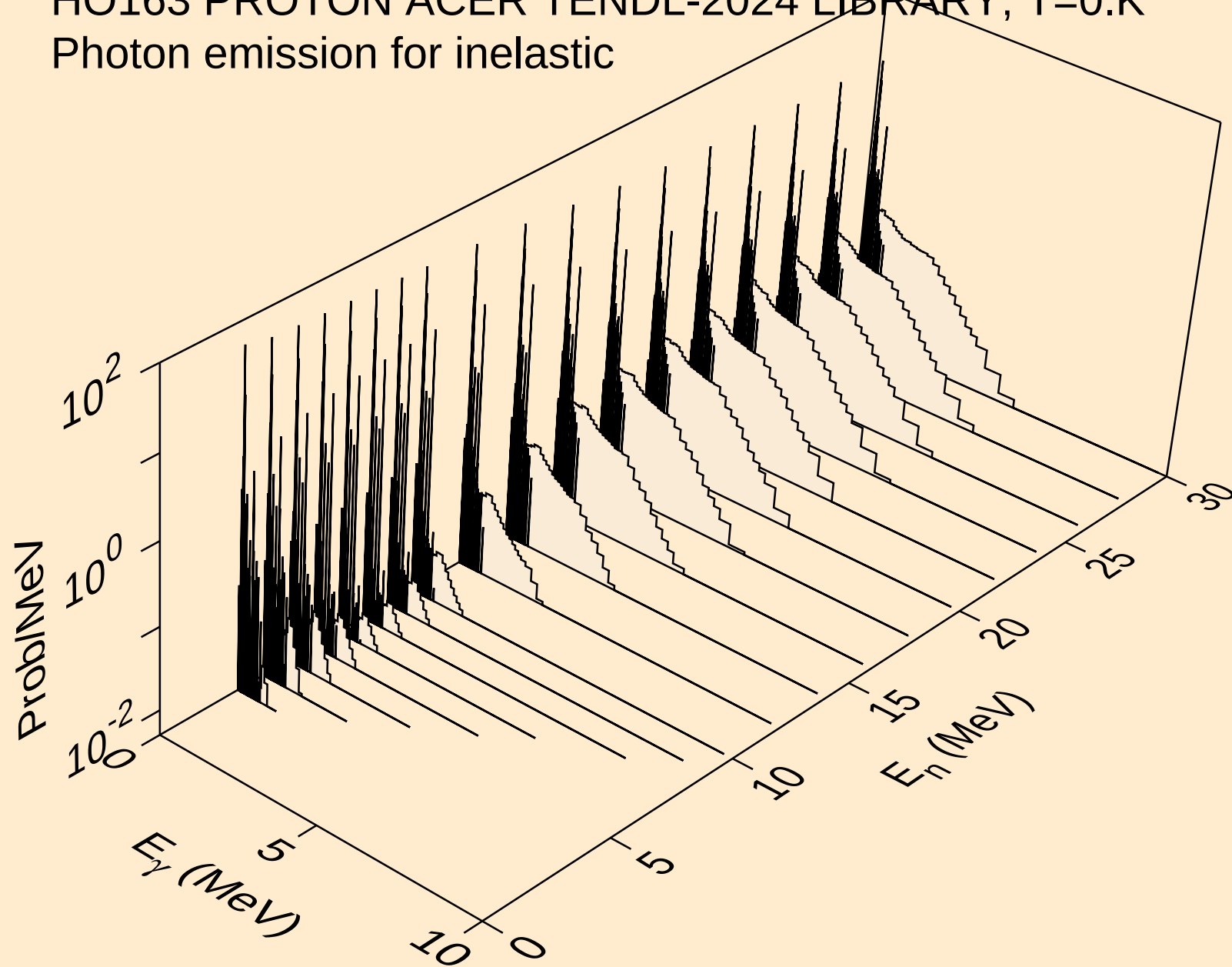
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



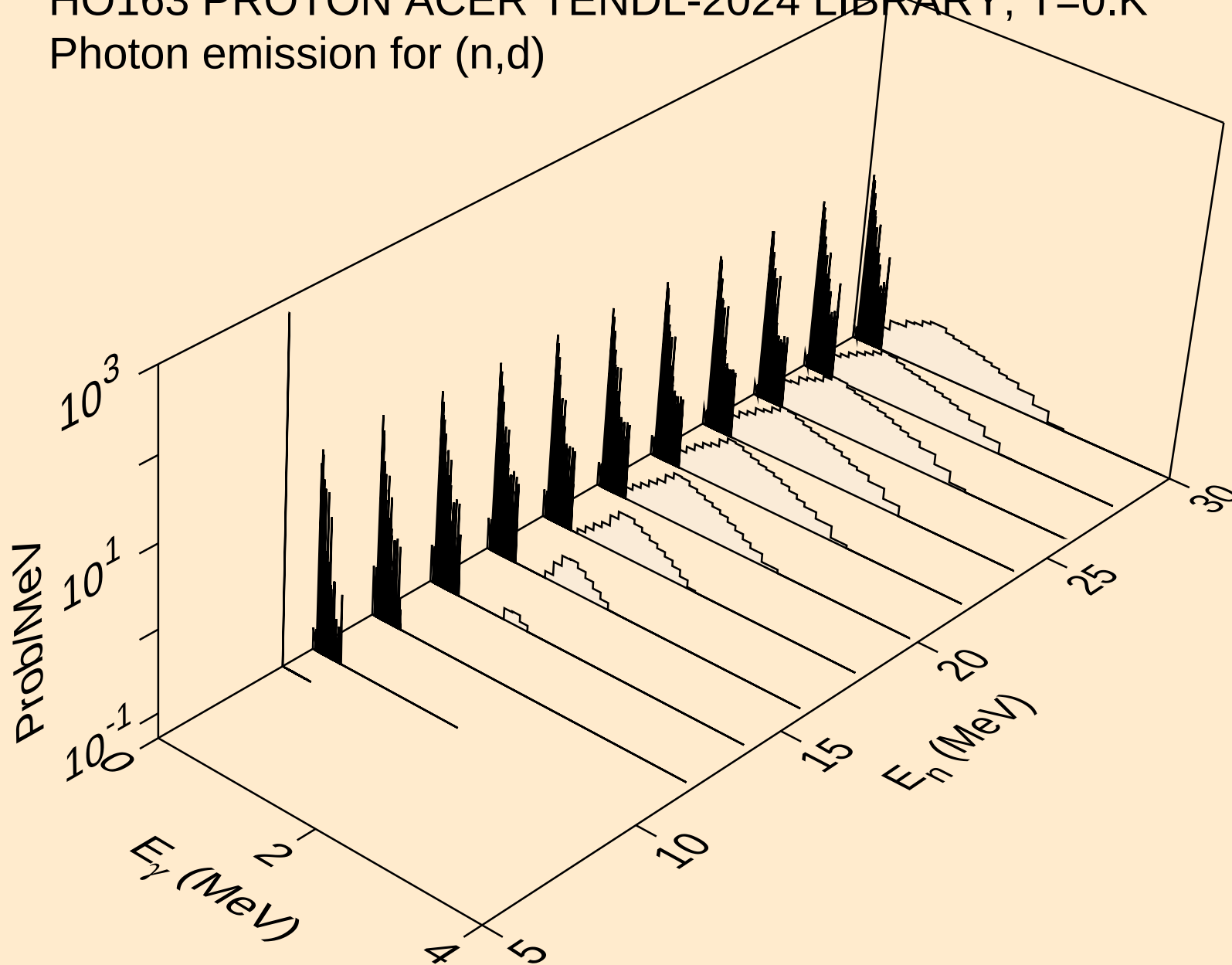
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



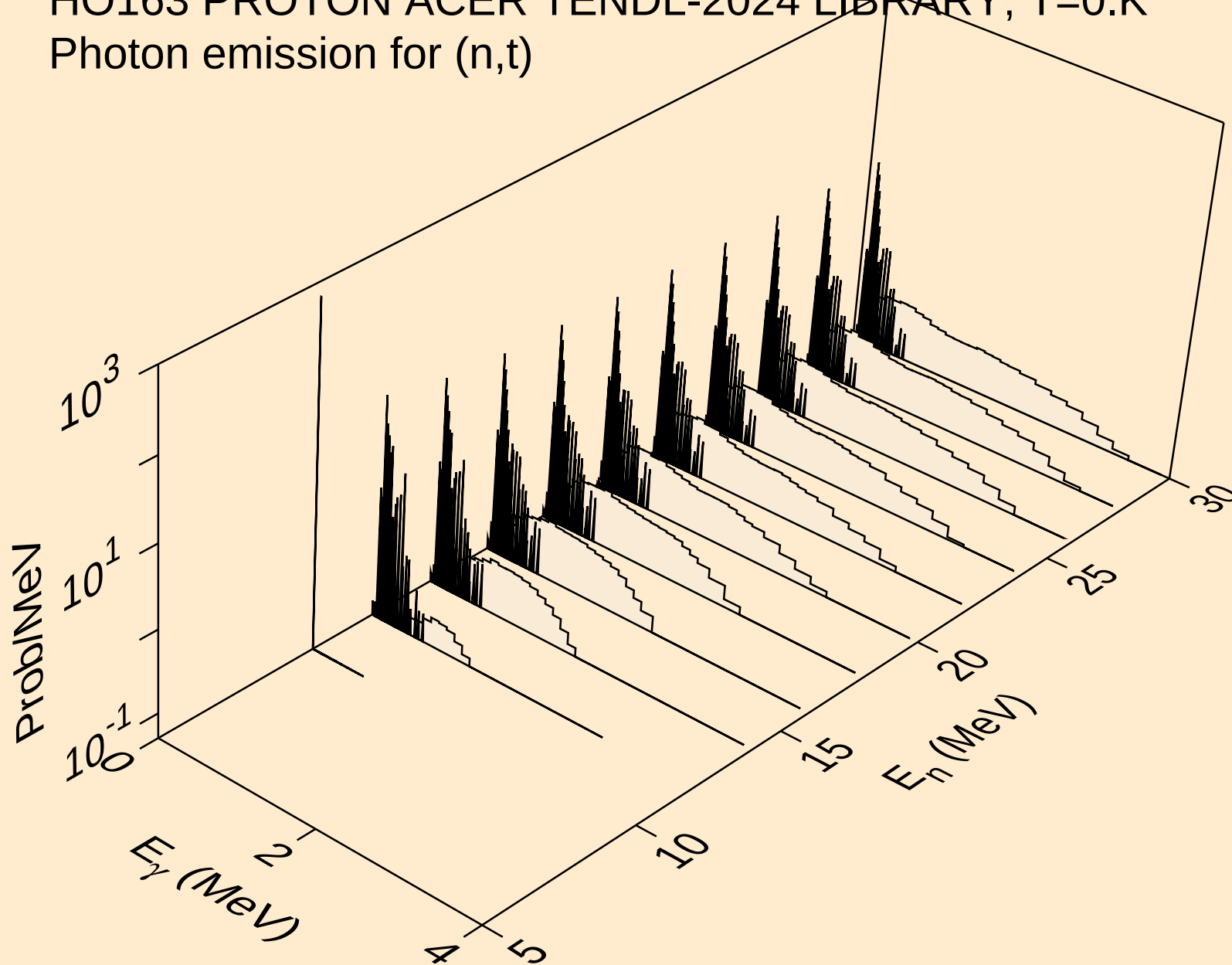
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



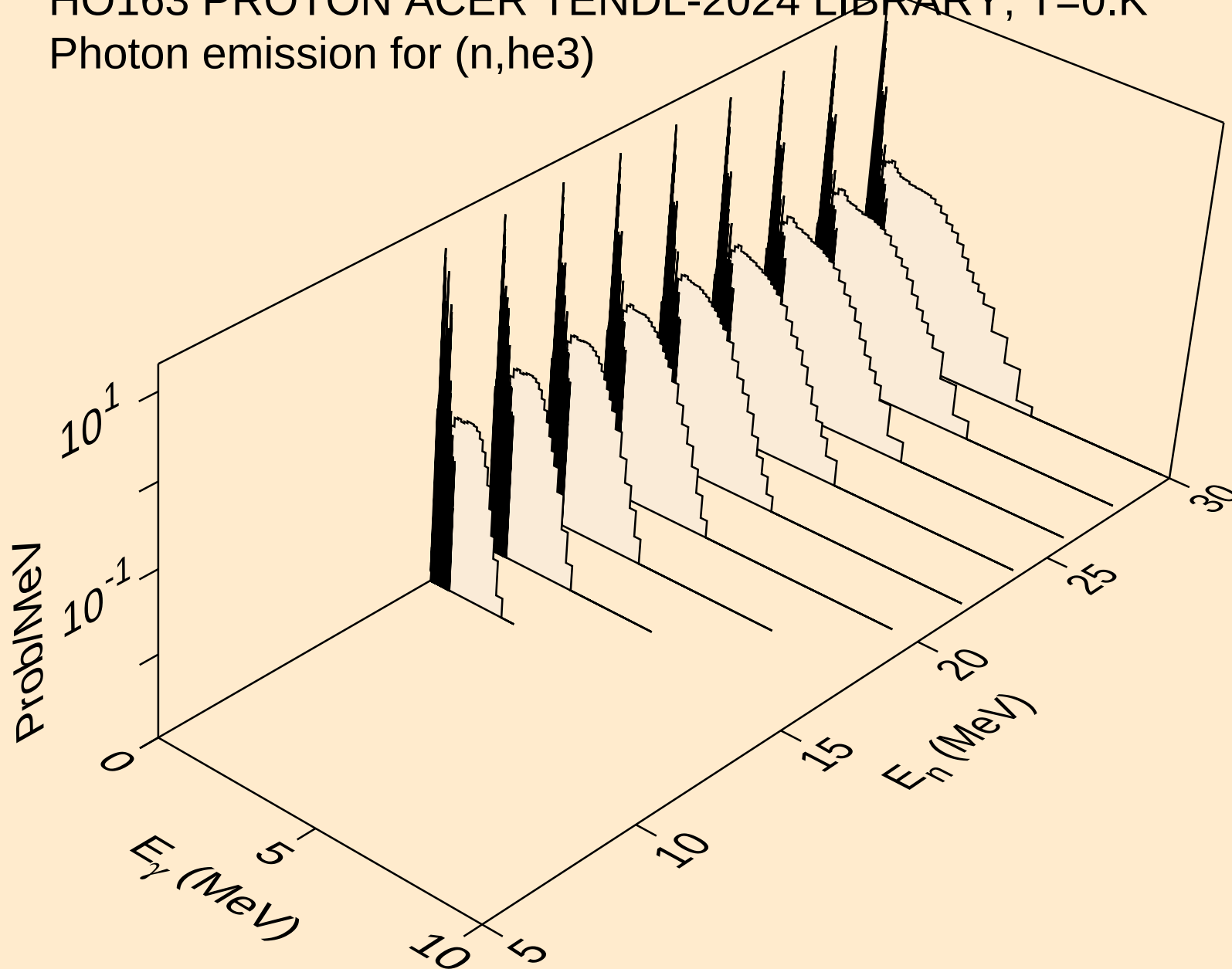
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



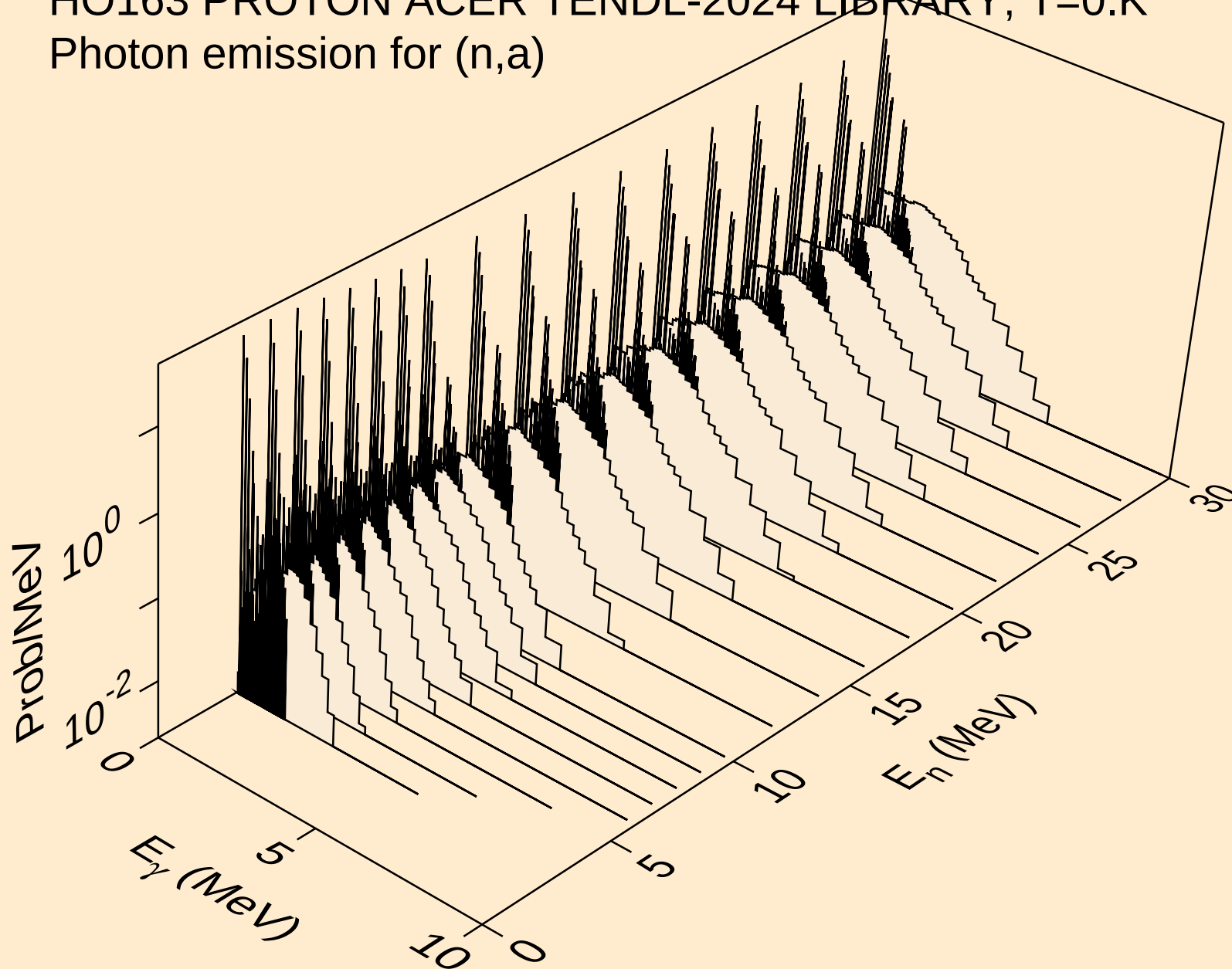
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



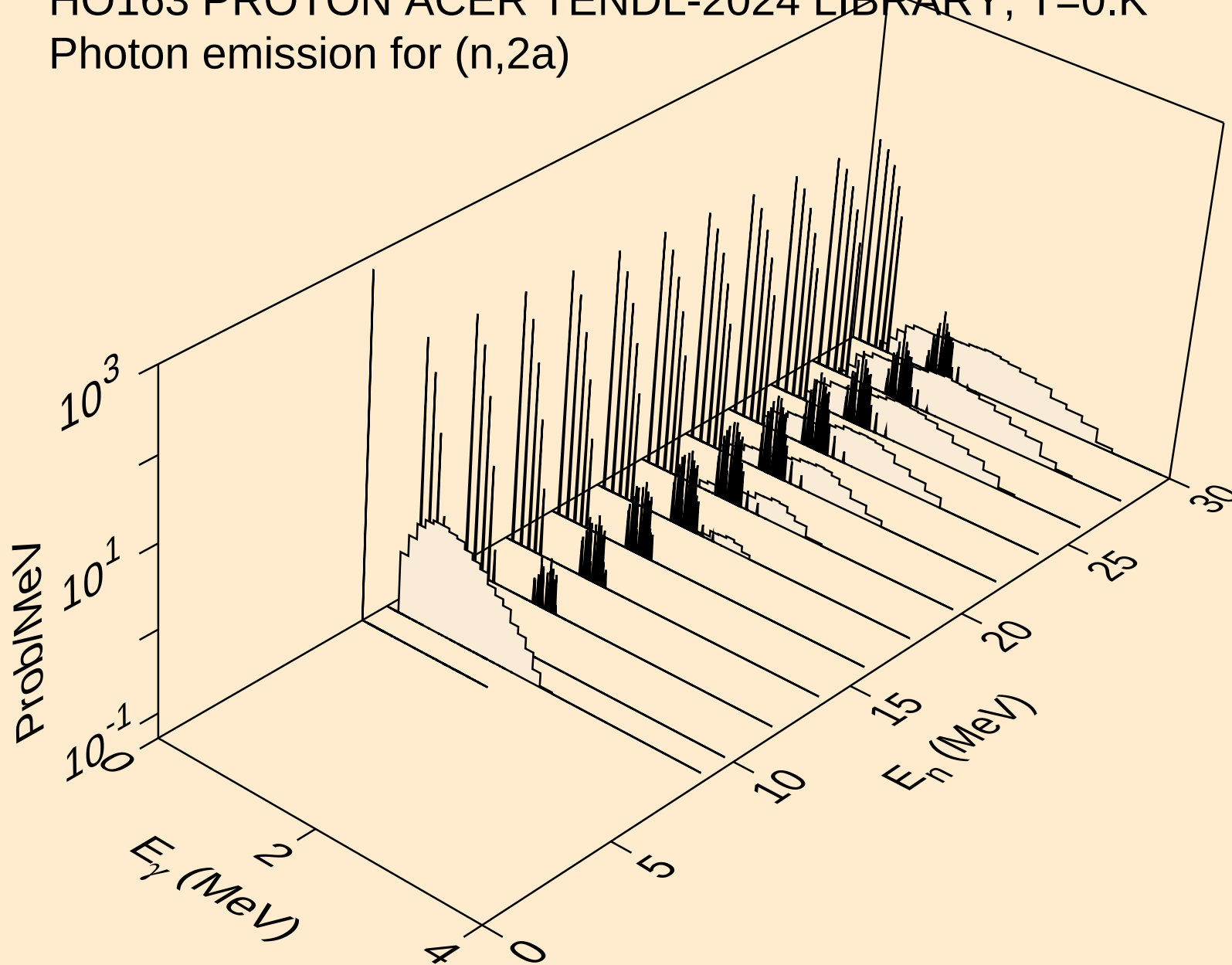
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



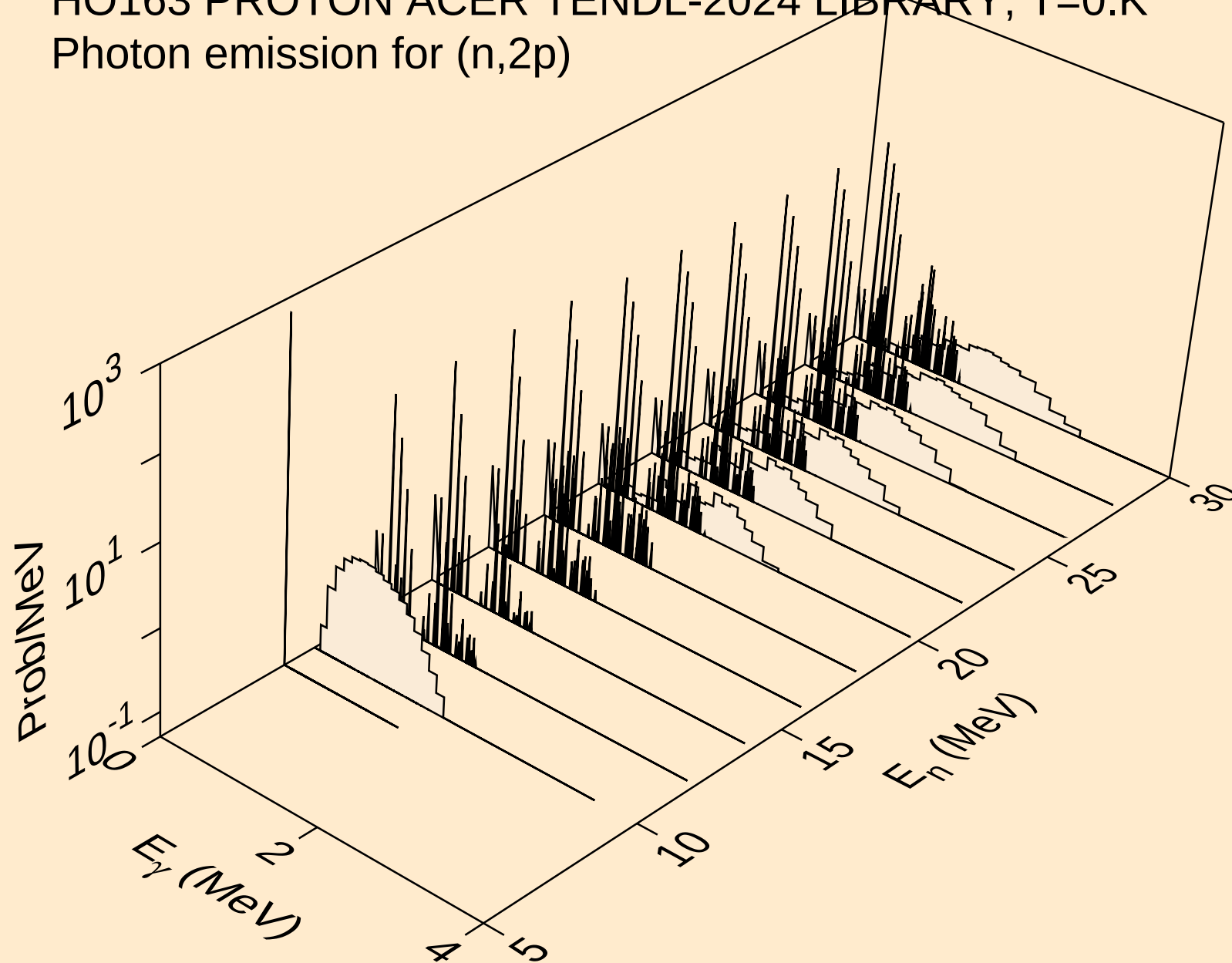
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



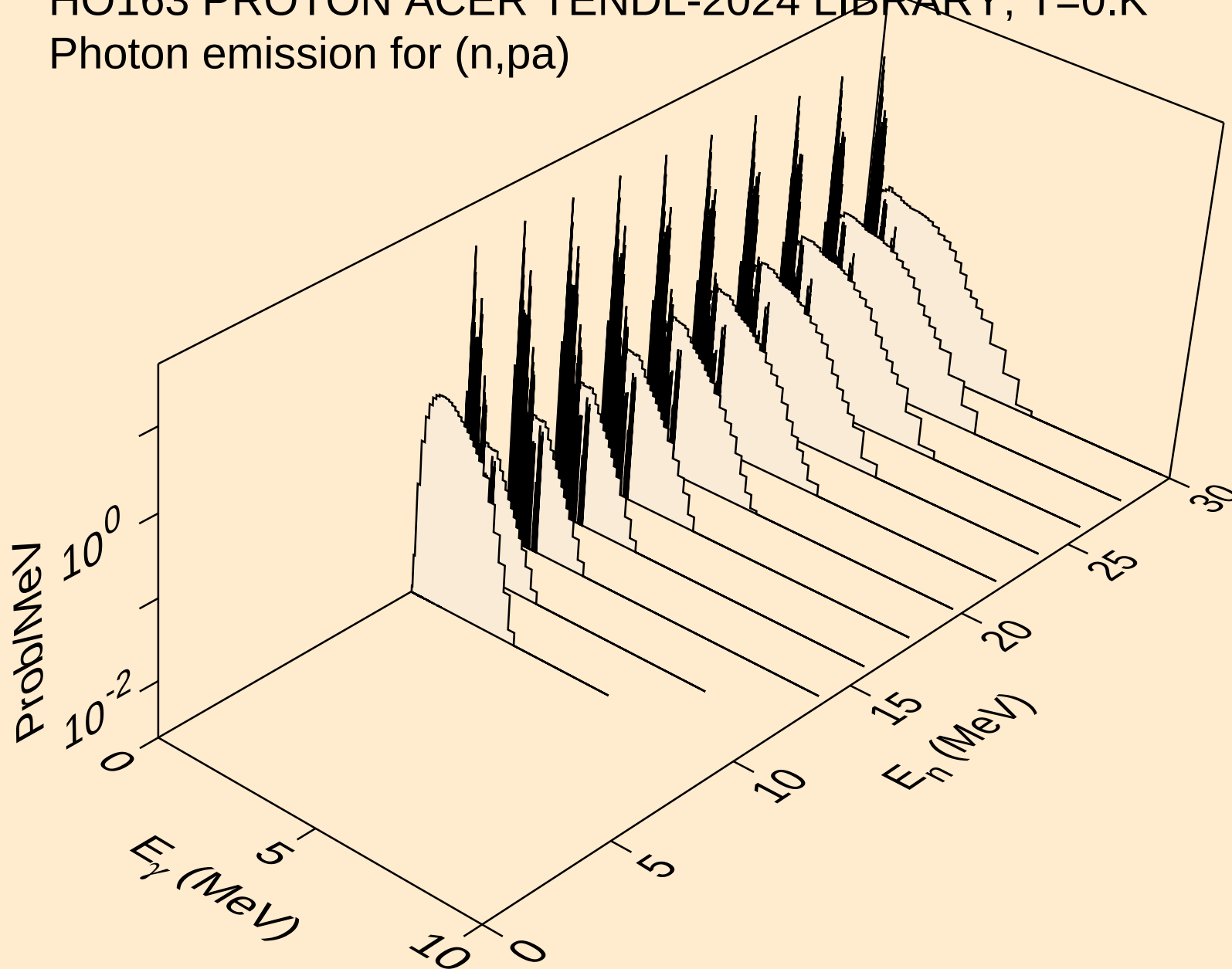
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



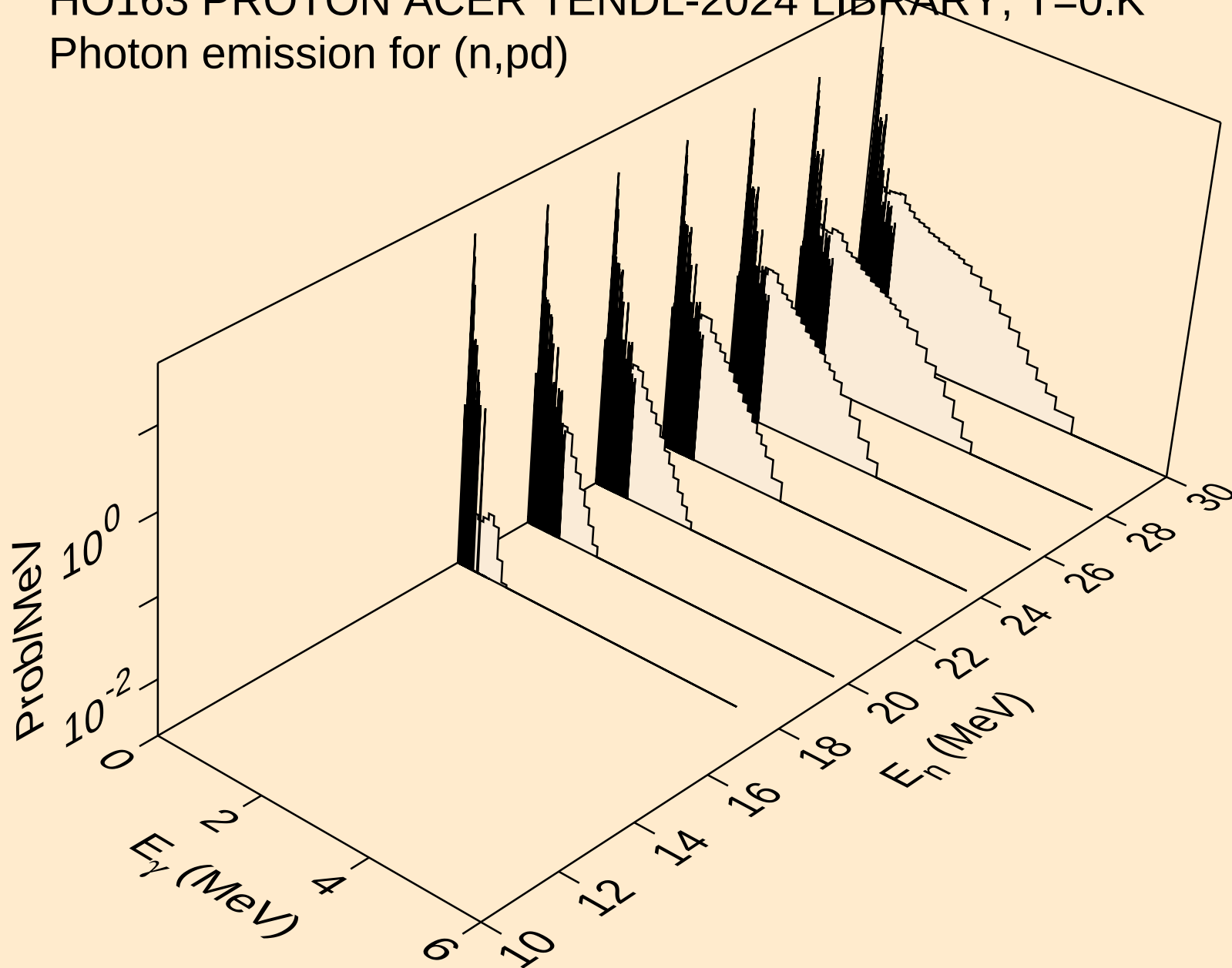
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



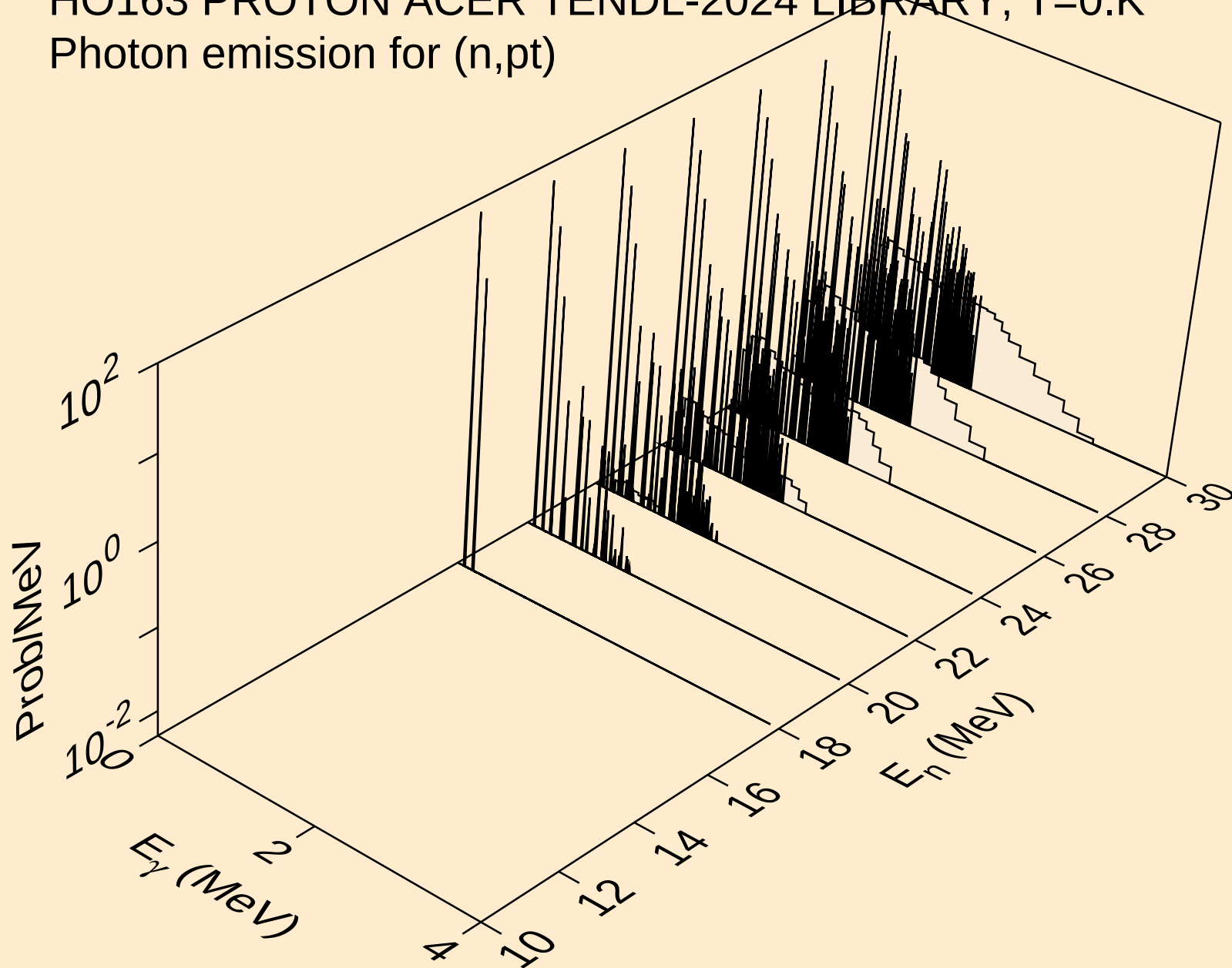
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



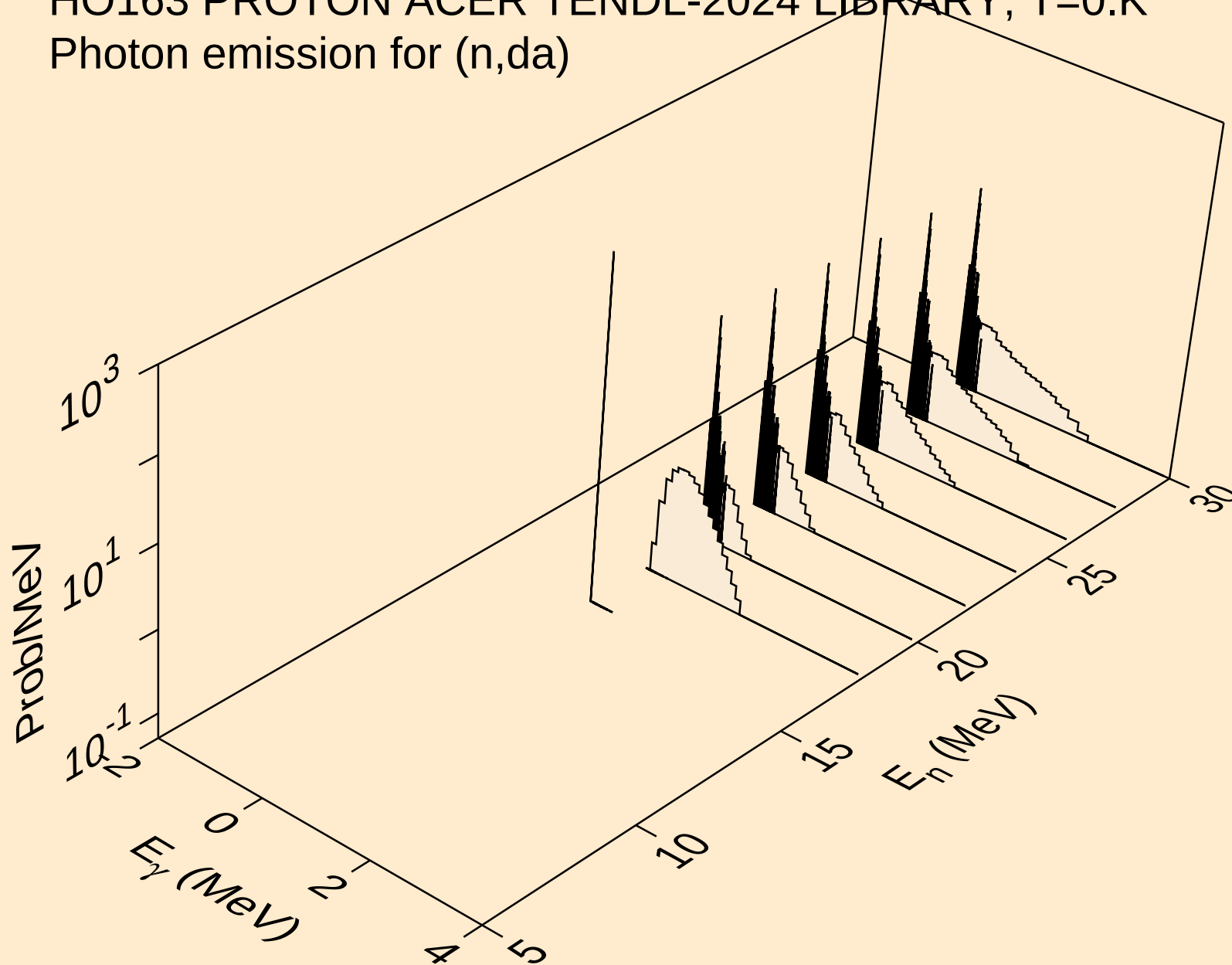
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)

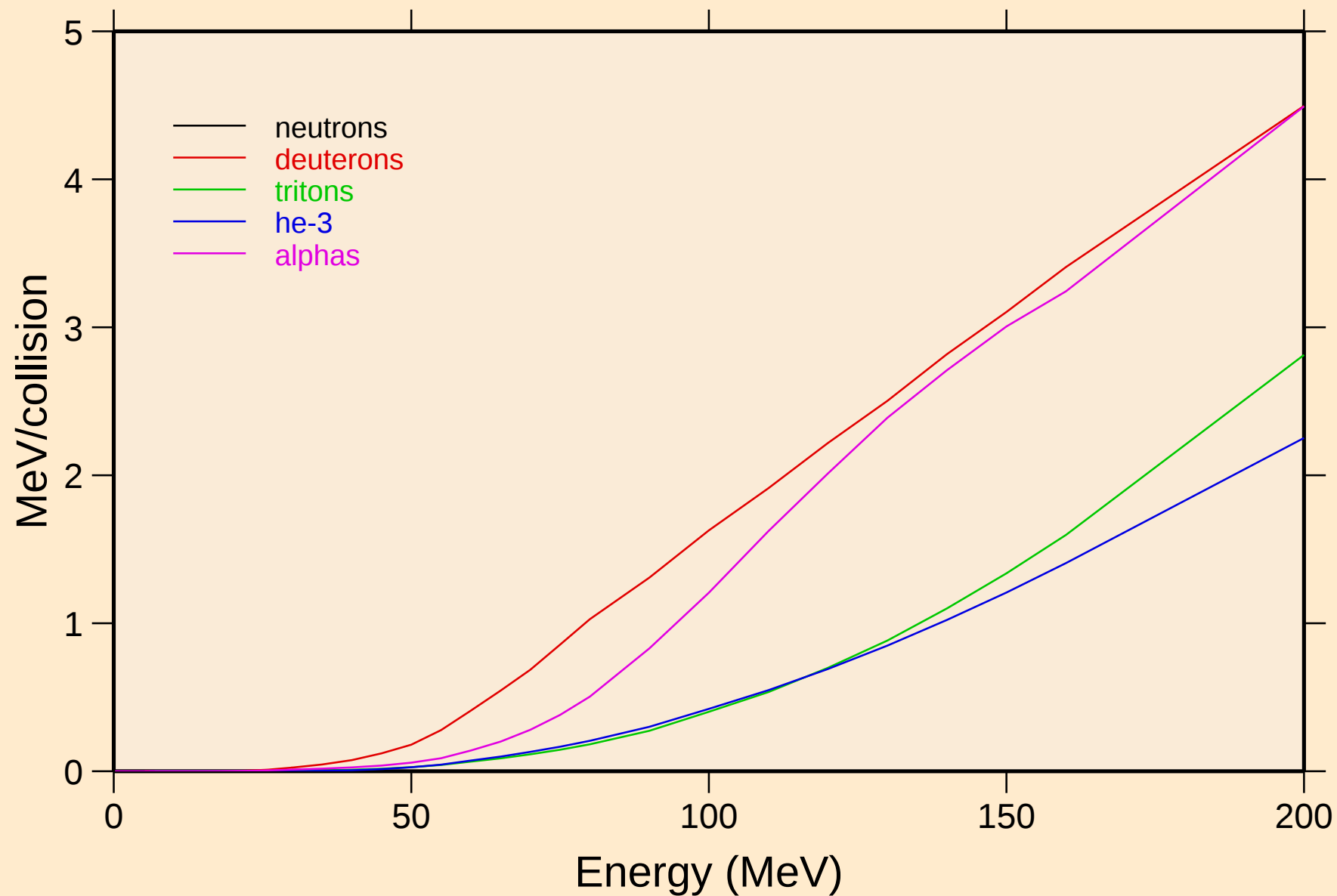


HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



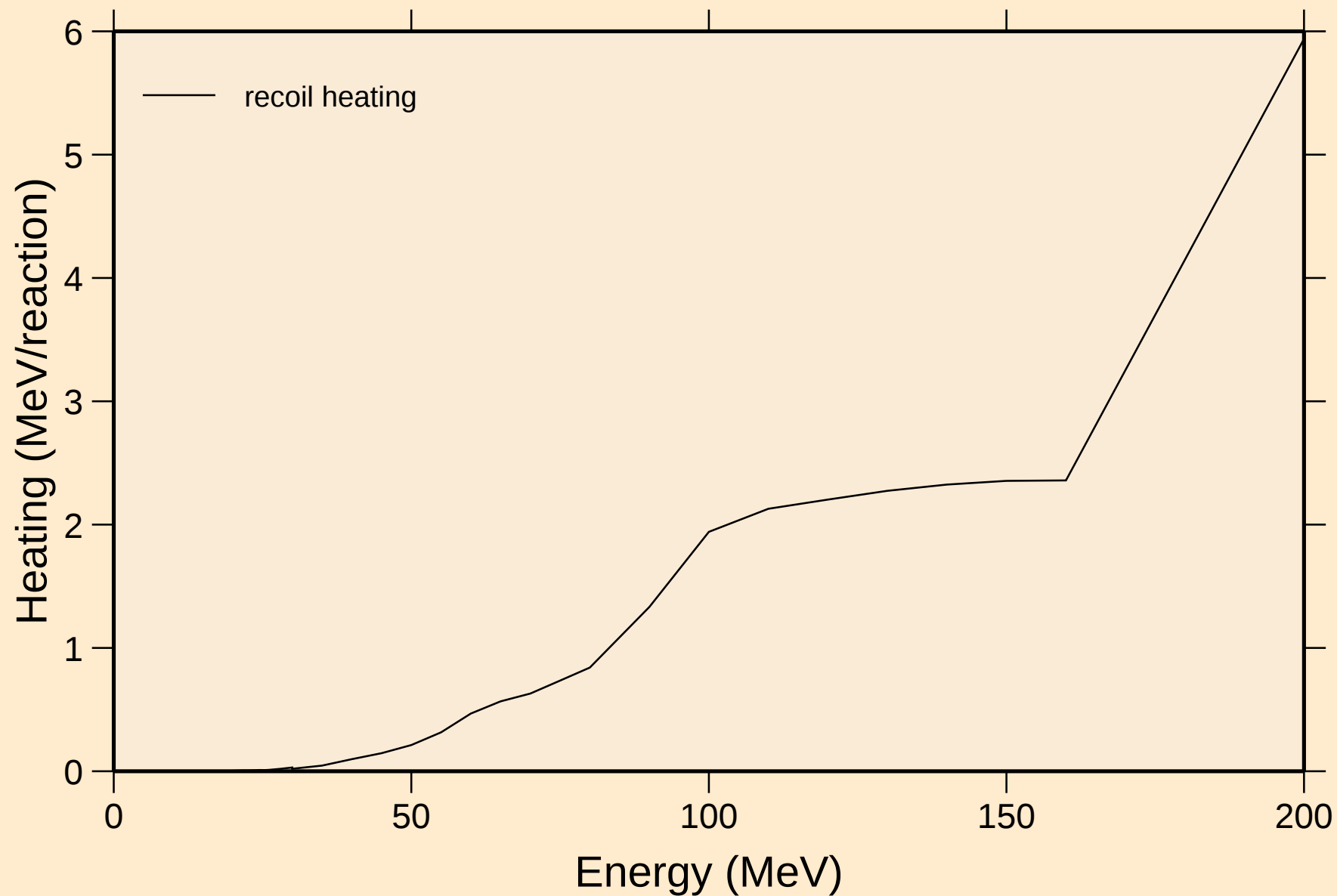
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



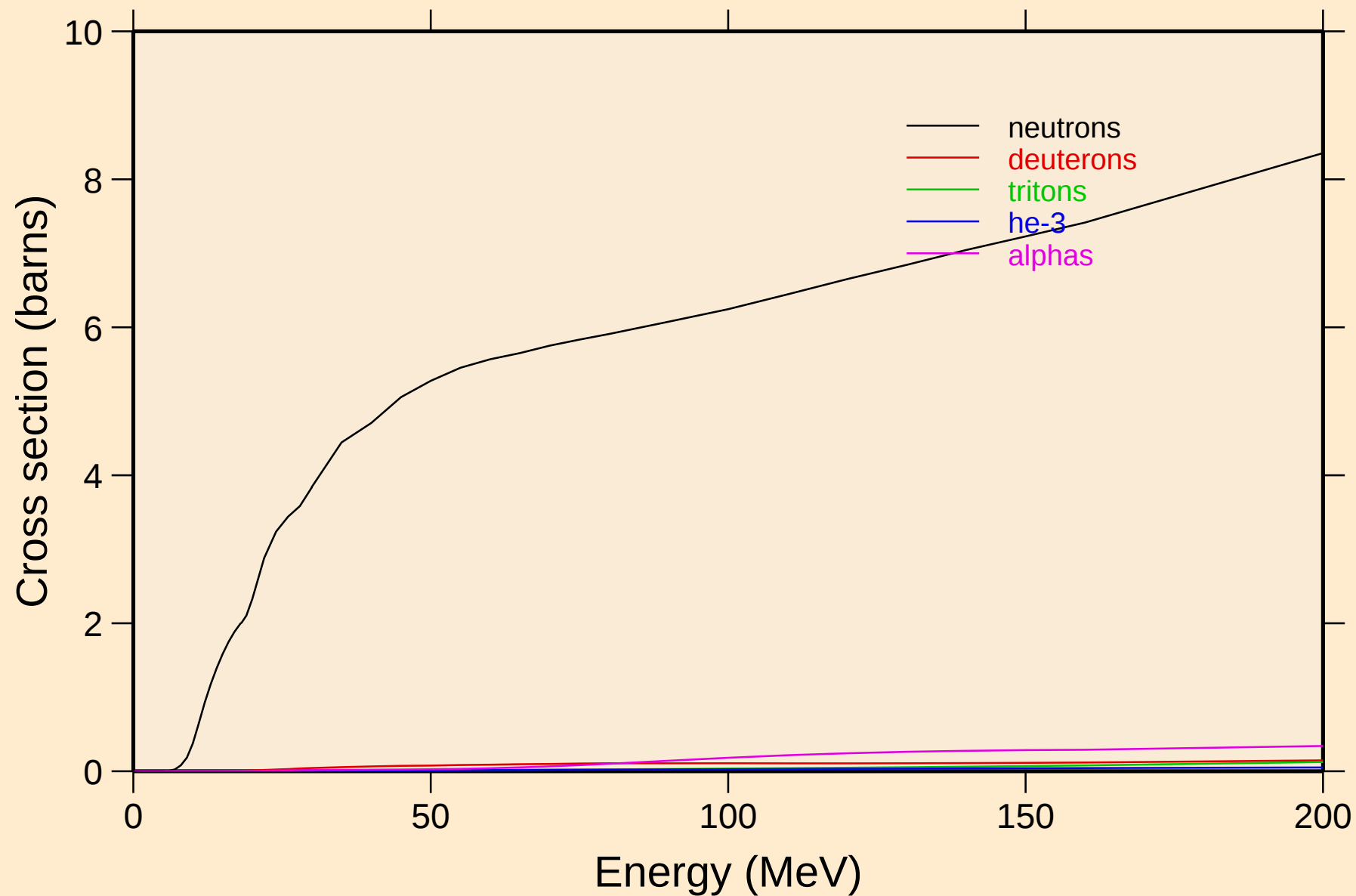
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

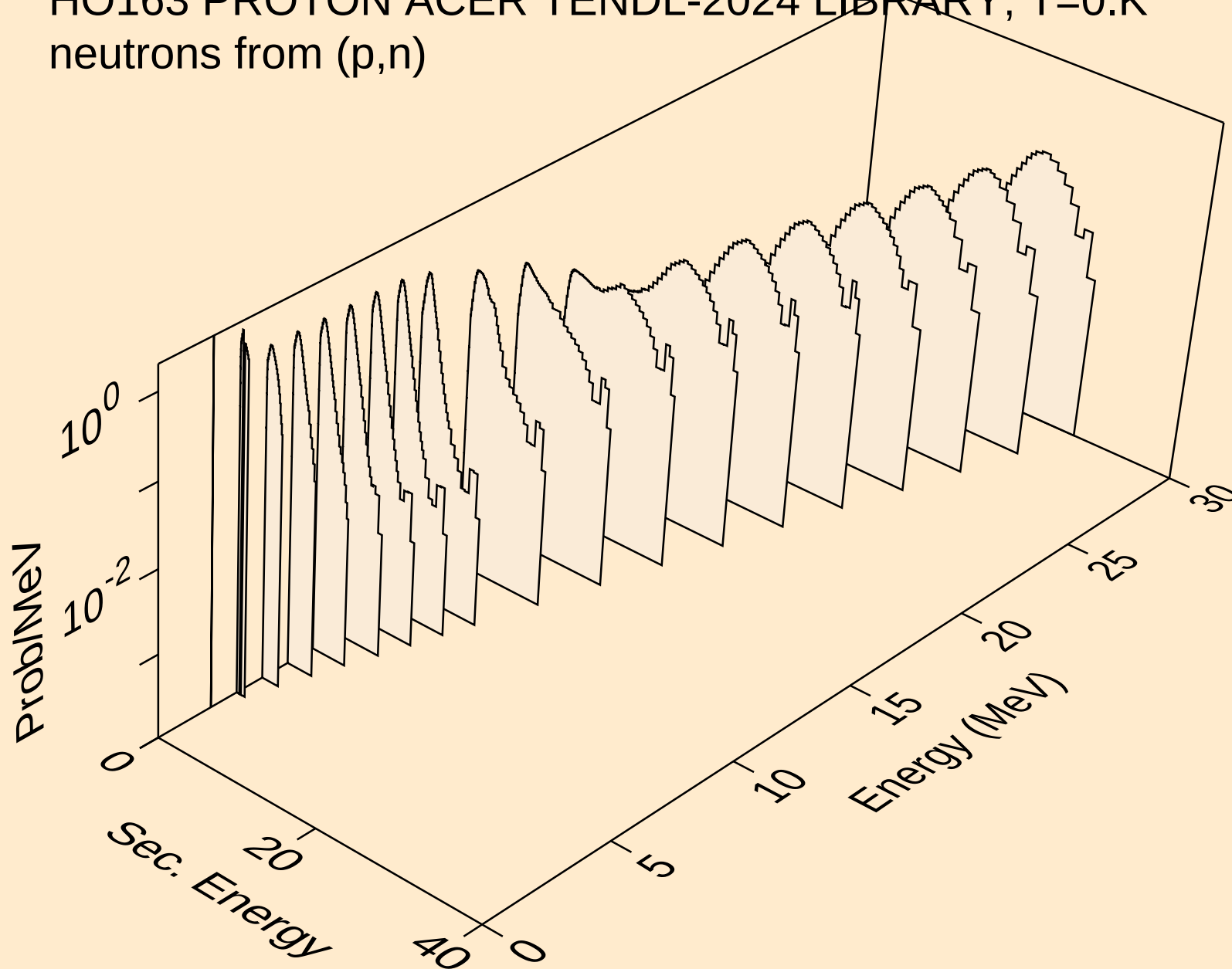


HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K

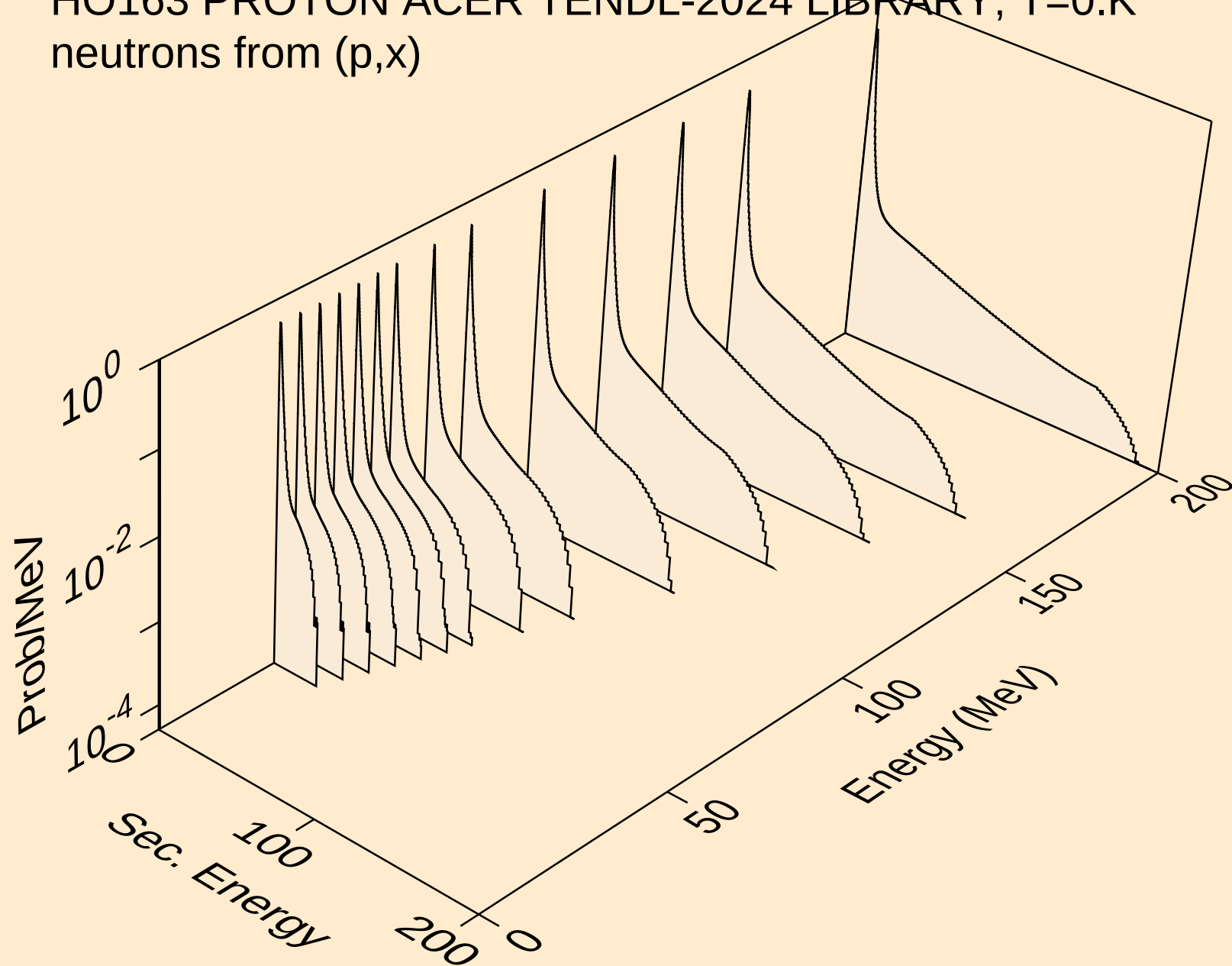
Particle production cross sections



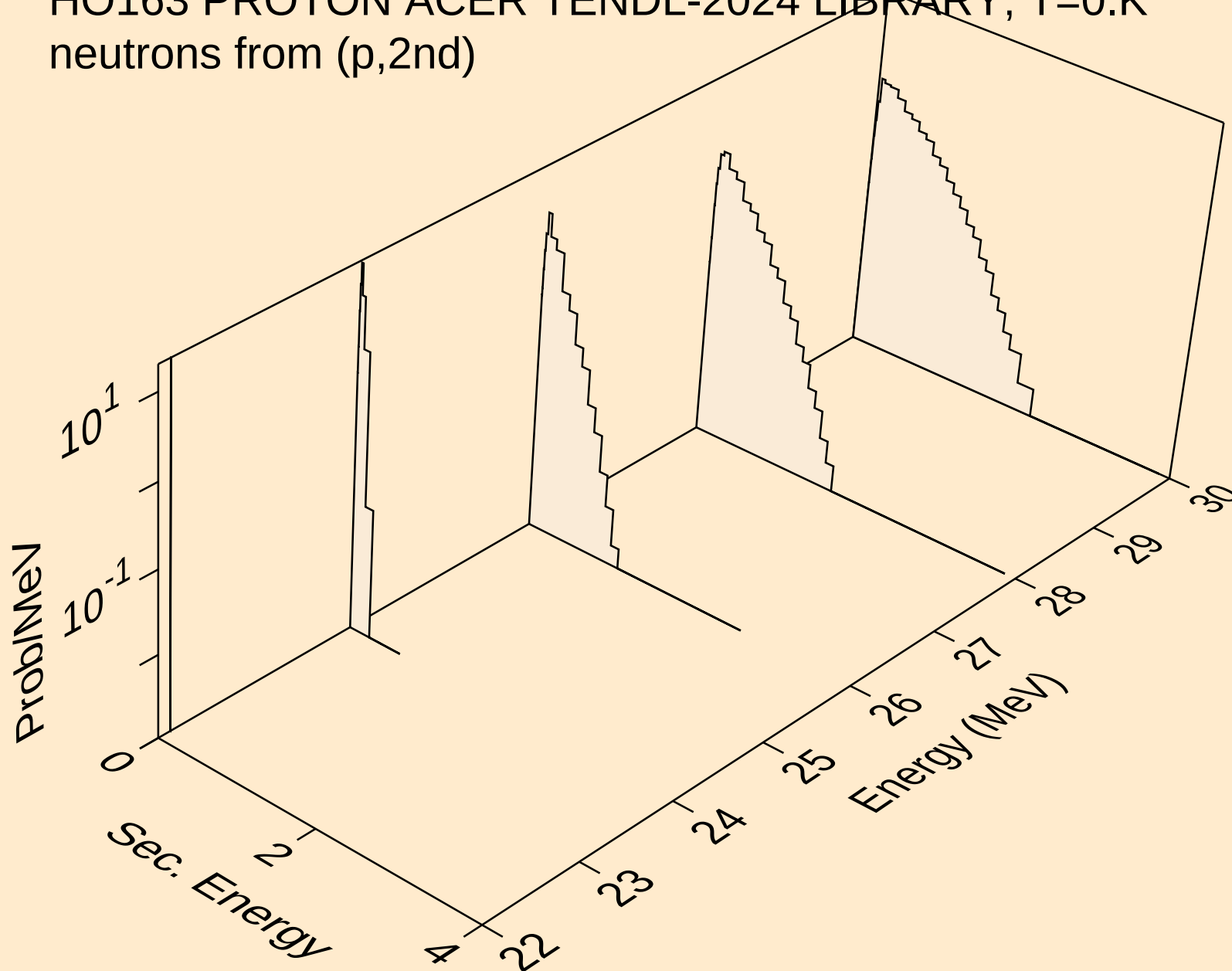
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n)



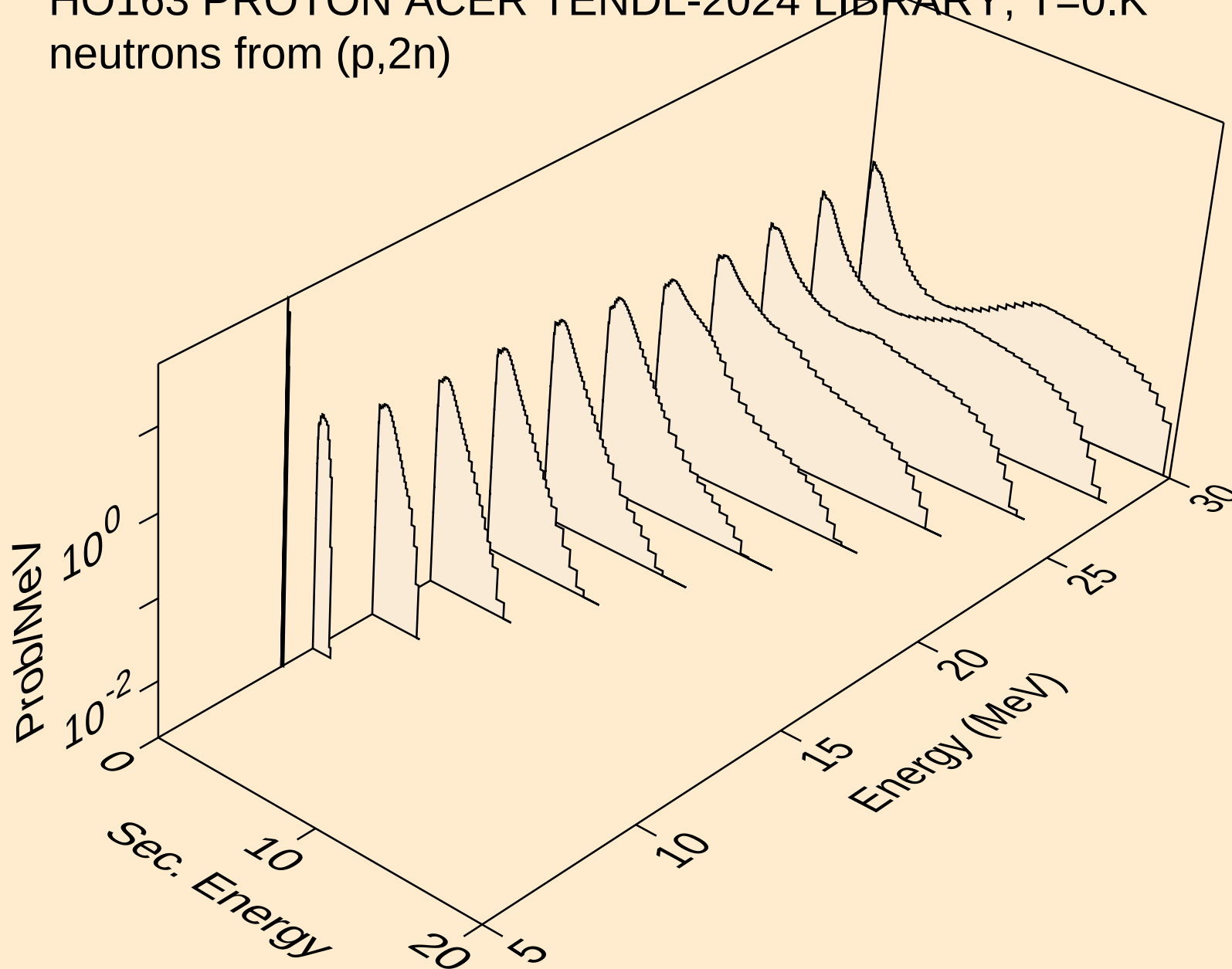
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,x)



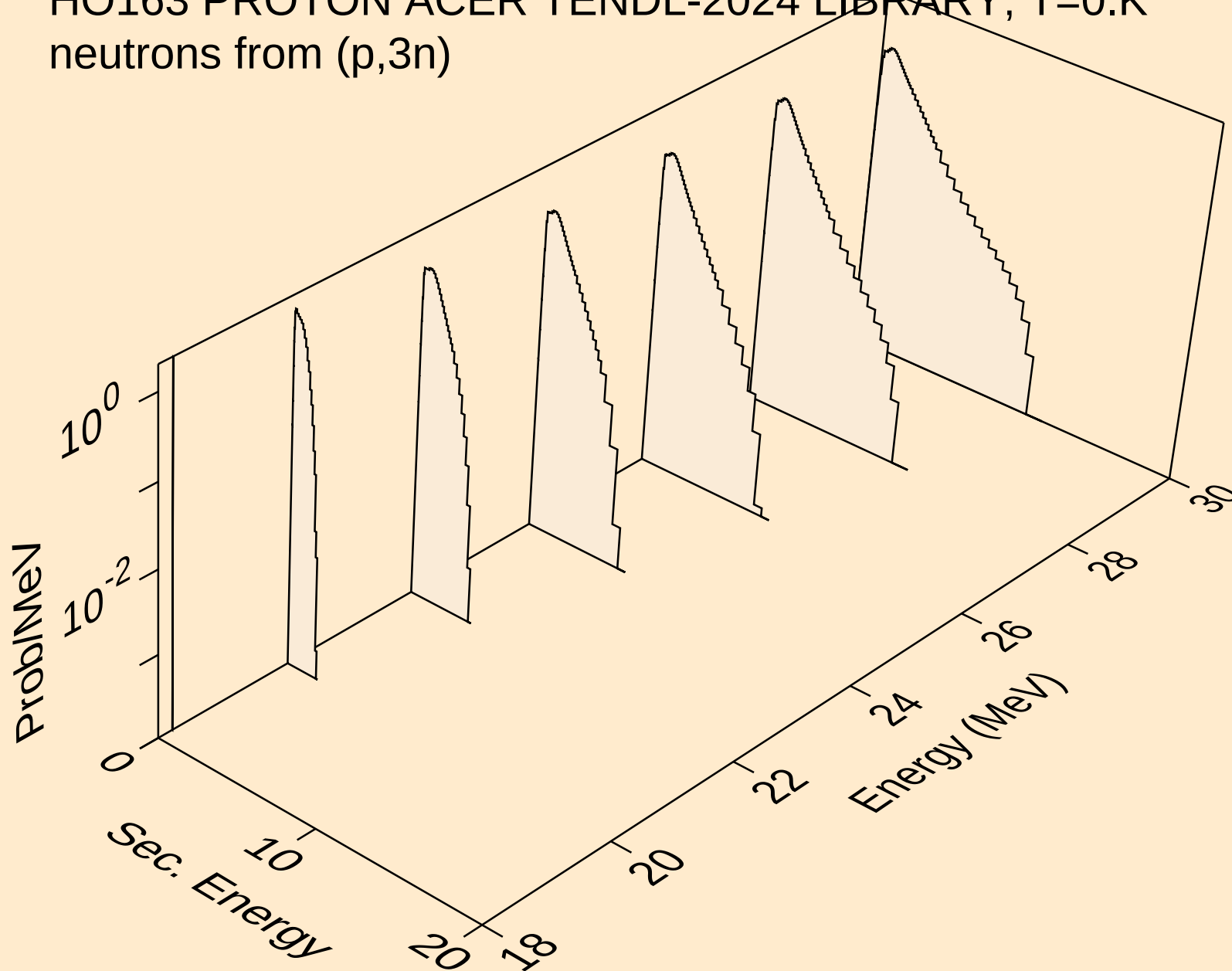
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2nd)



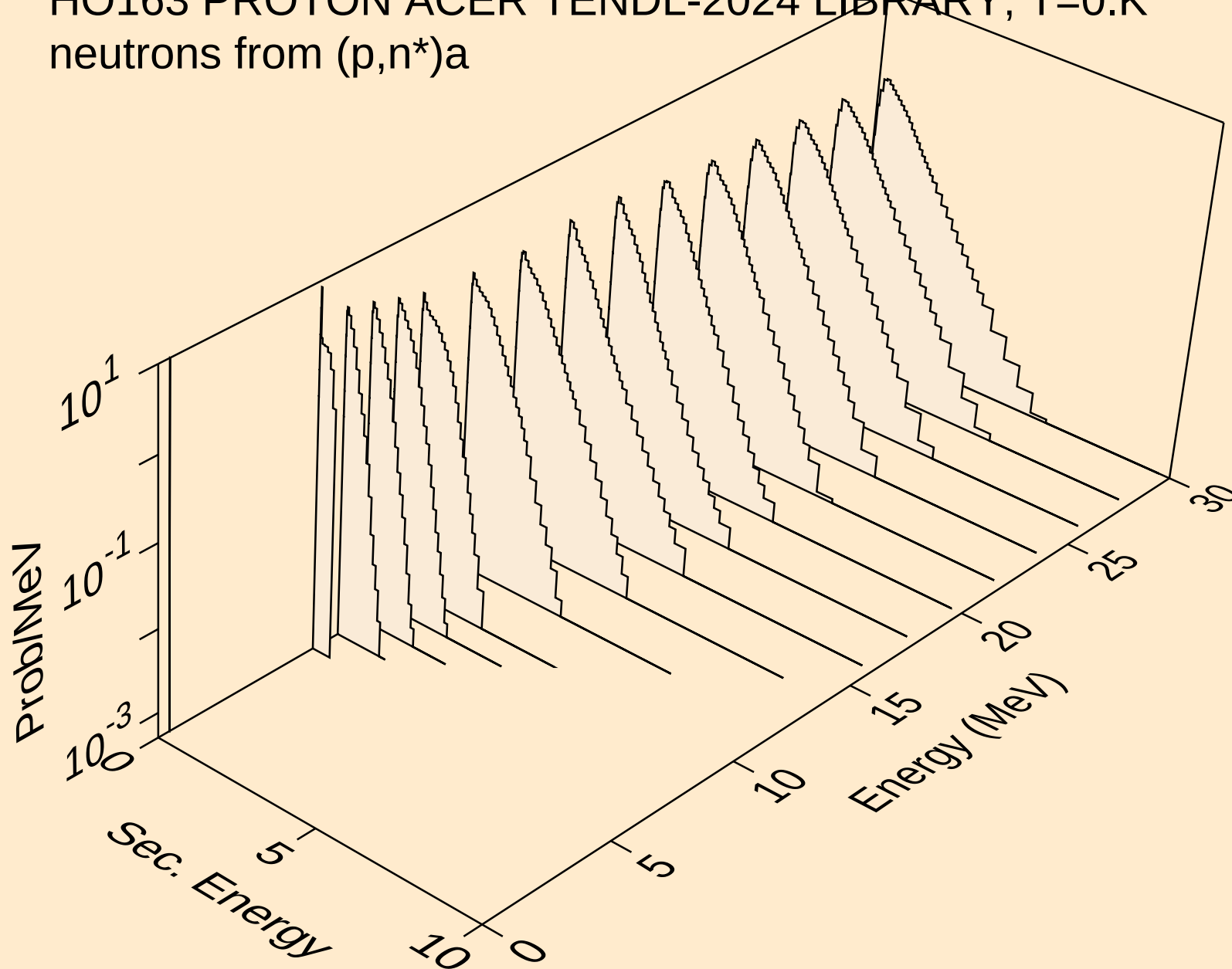
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)



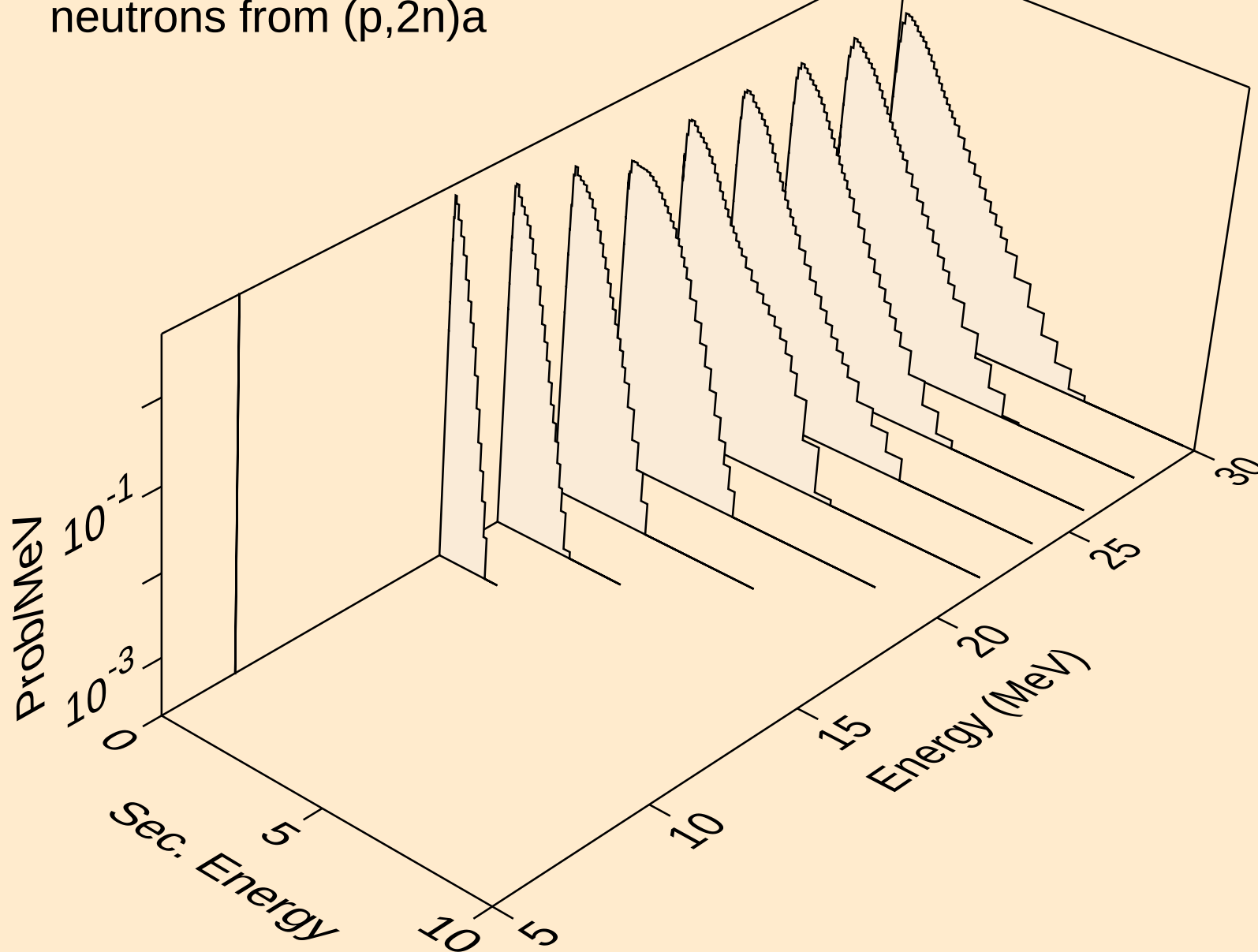
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)



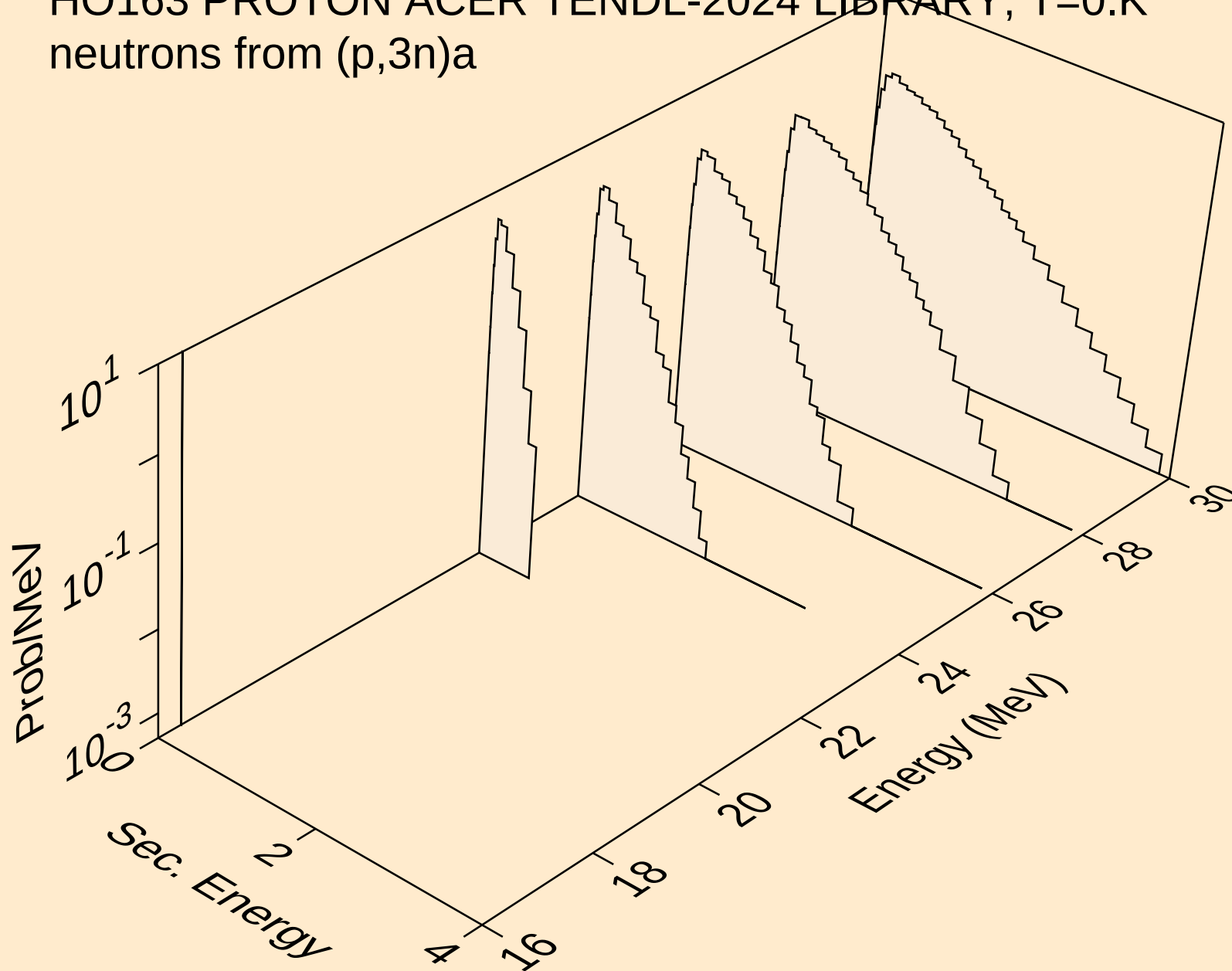
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)a



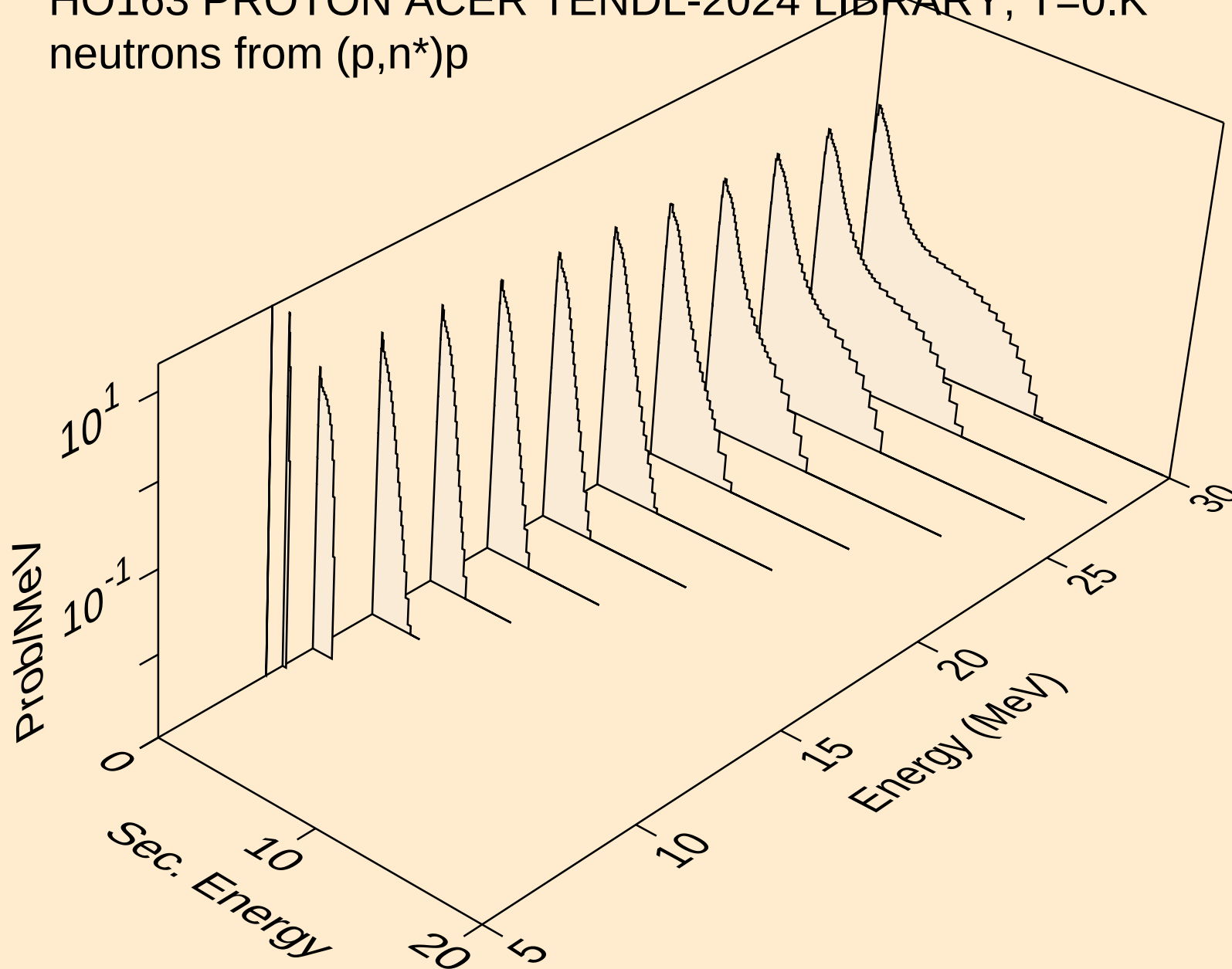
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)a



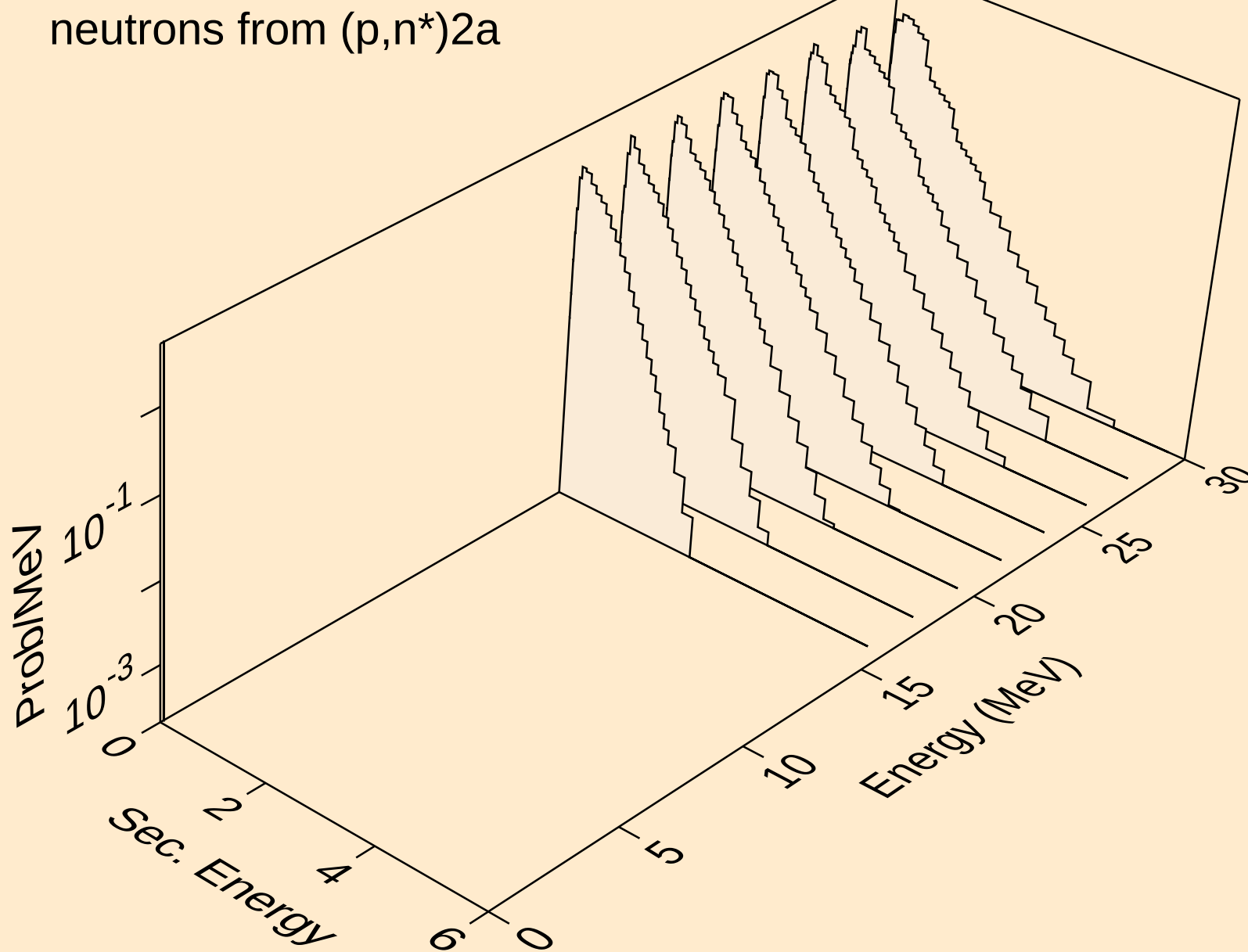
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)a



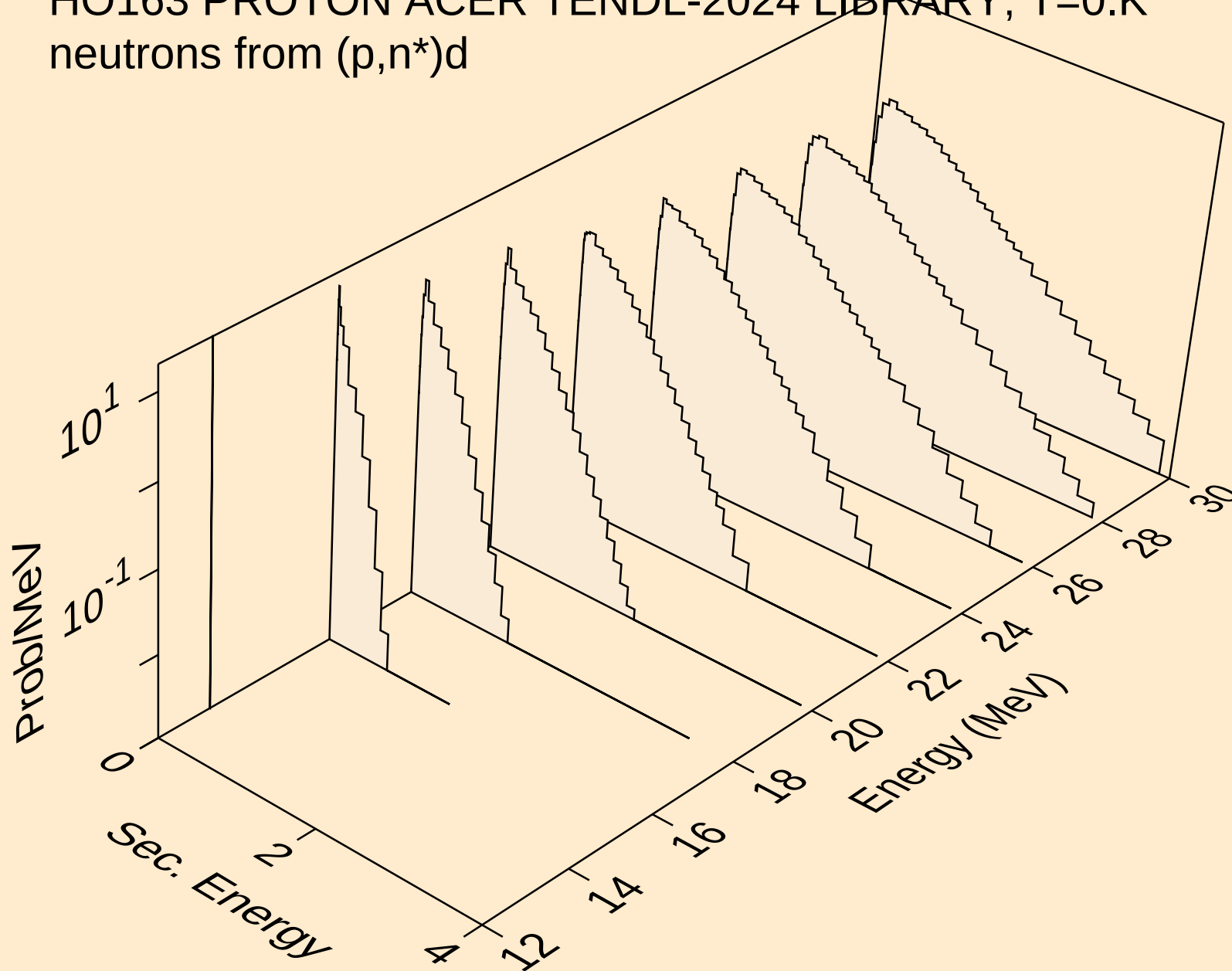
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)p



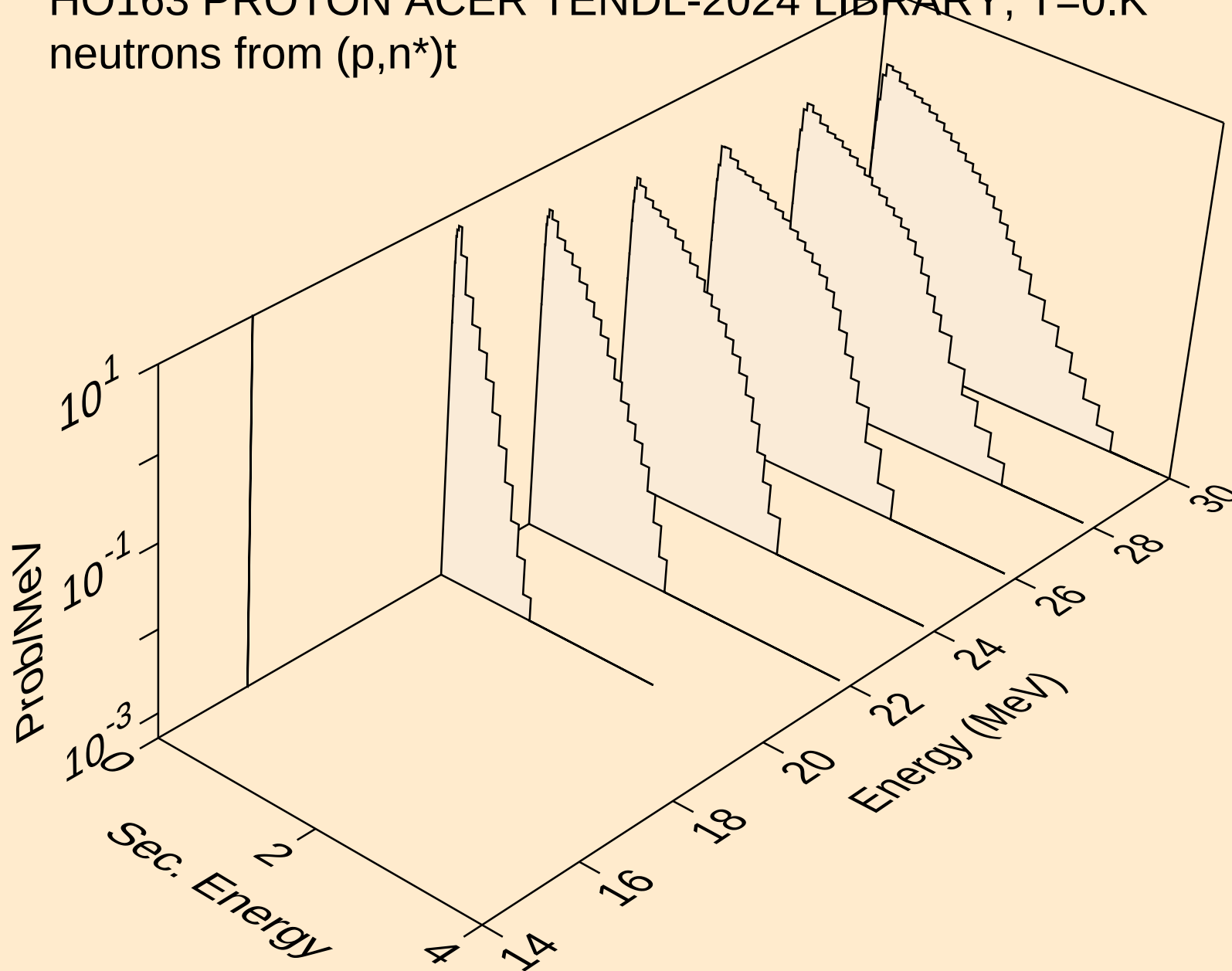
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)2a



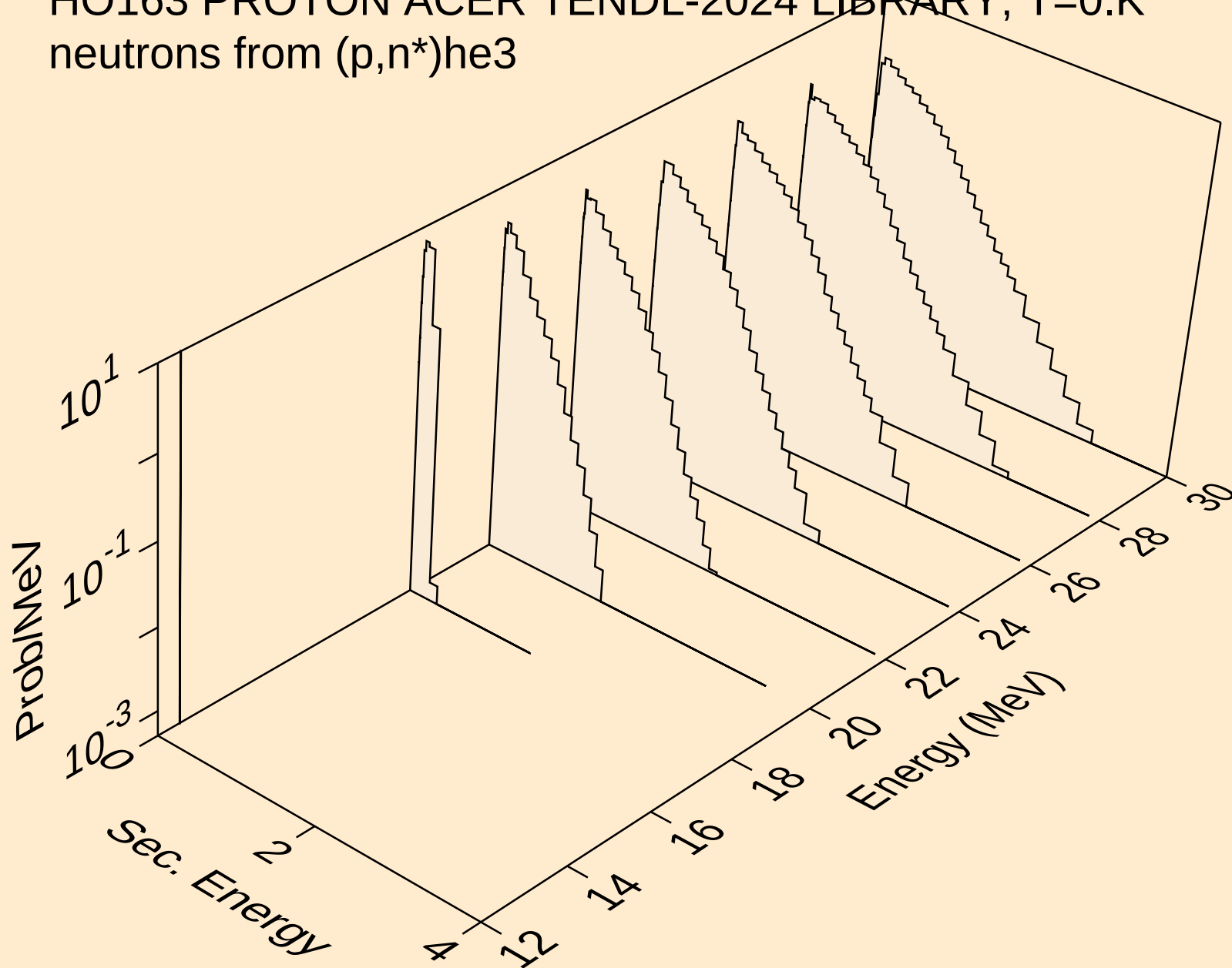
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)d



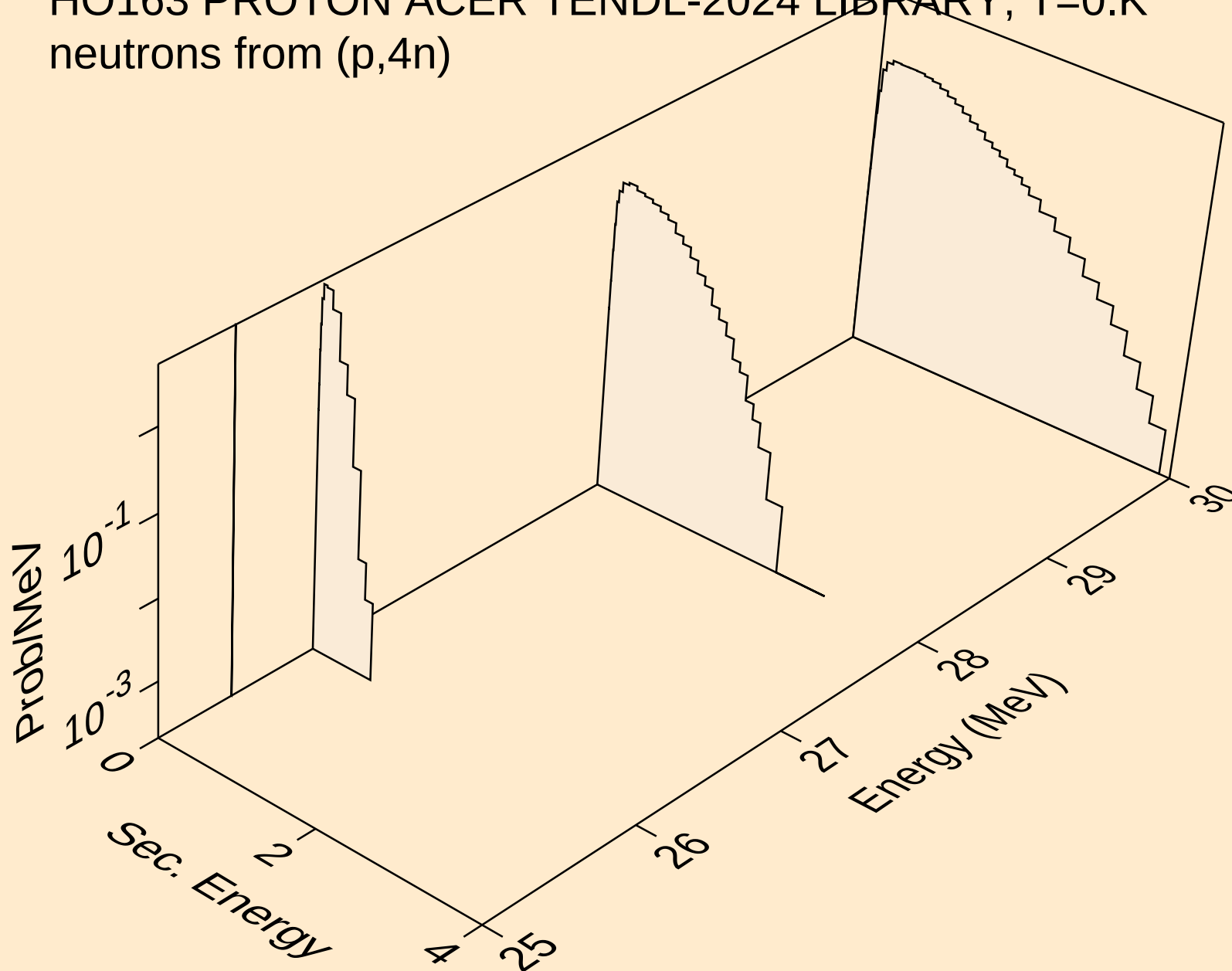
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)t



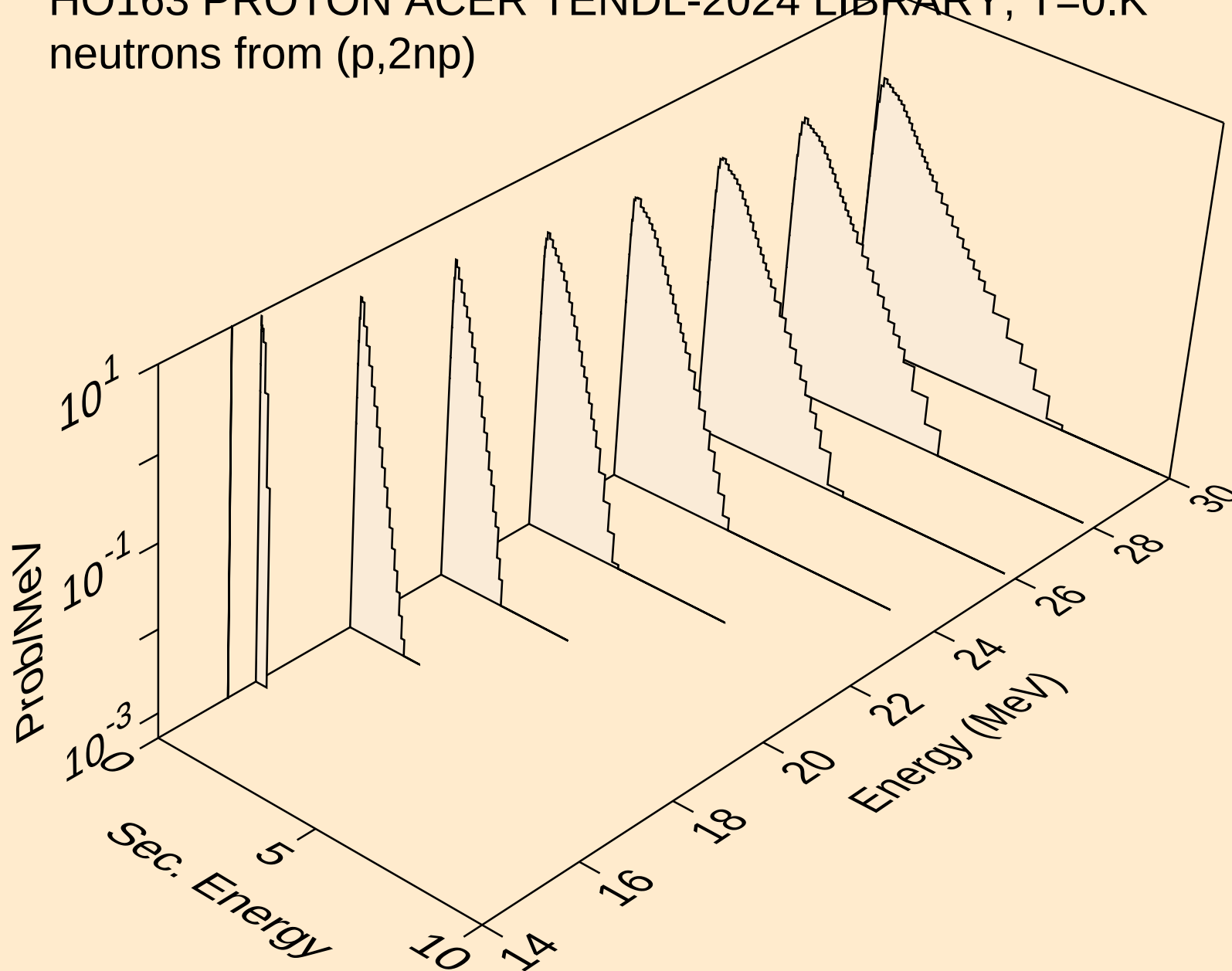
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)he3



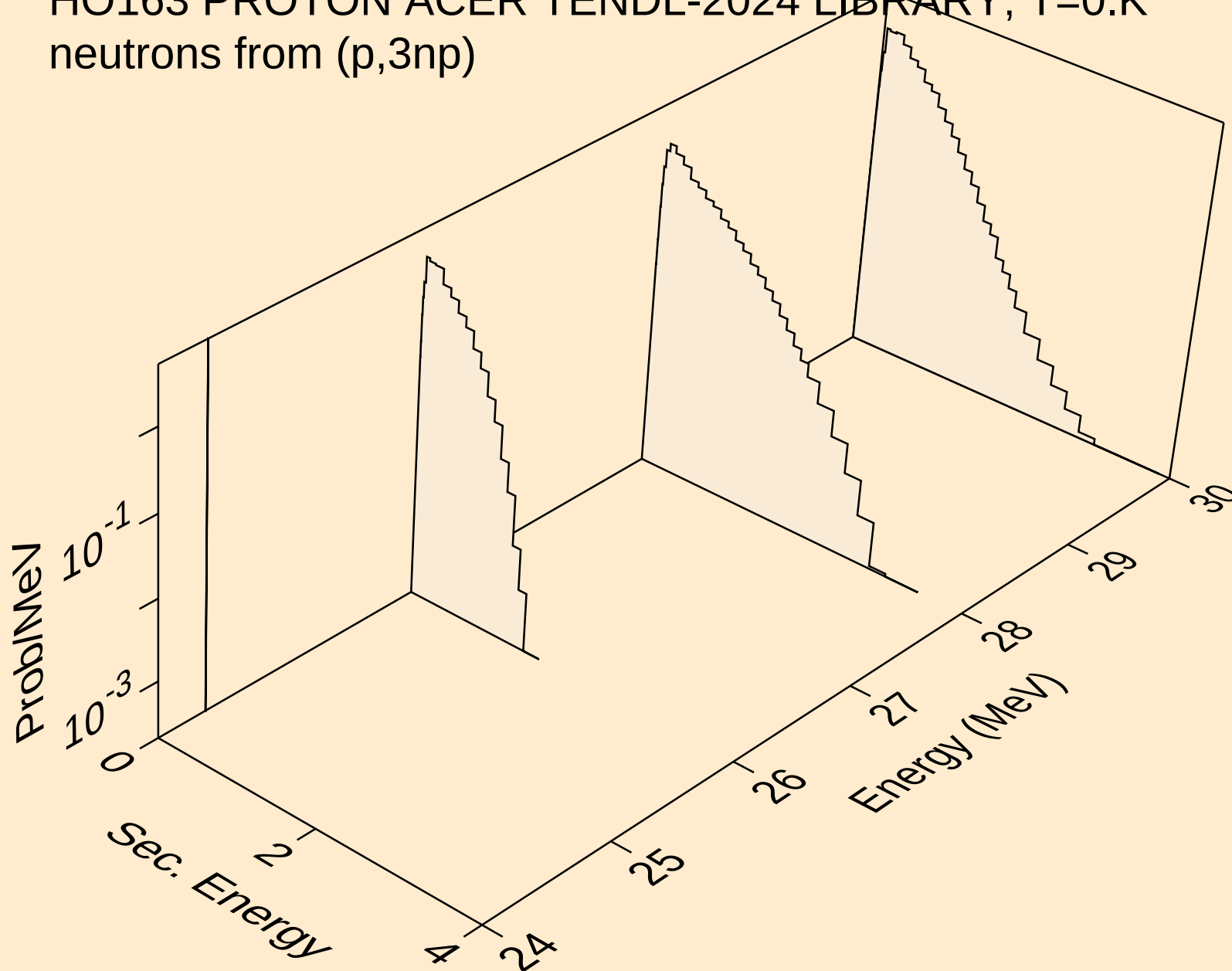
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,4n)



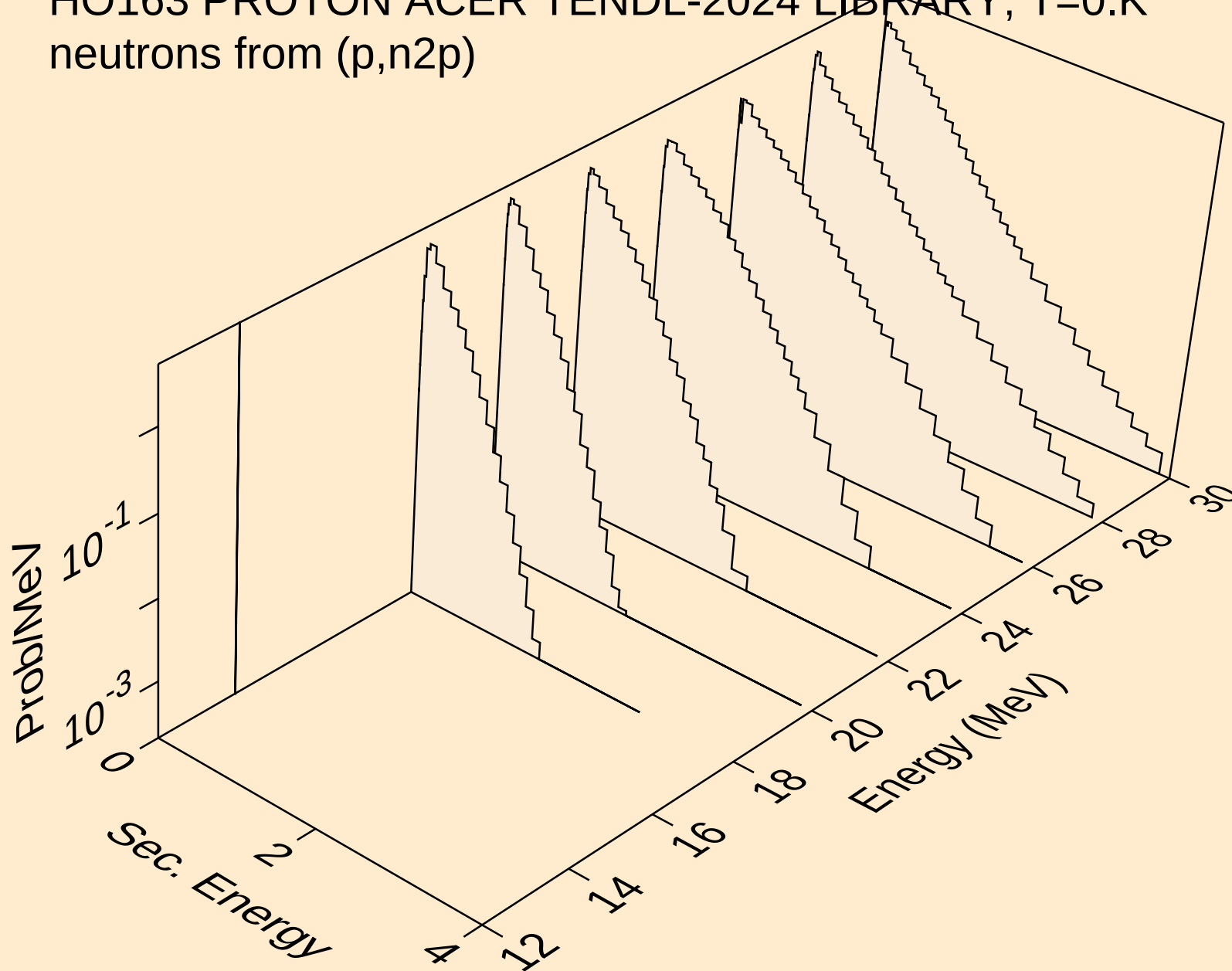
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2np)



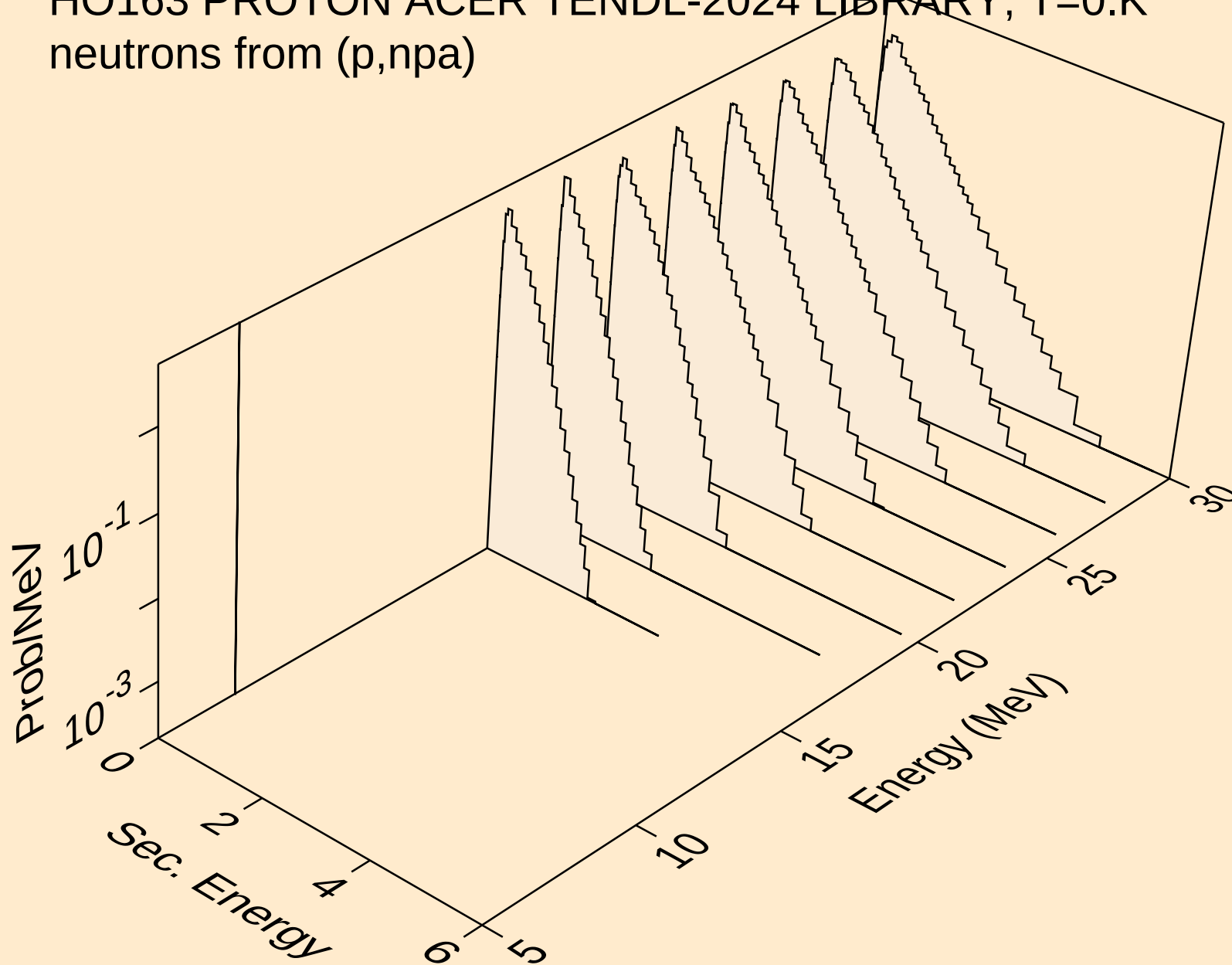
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3np)



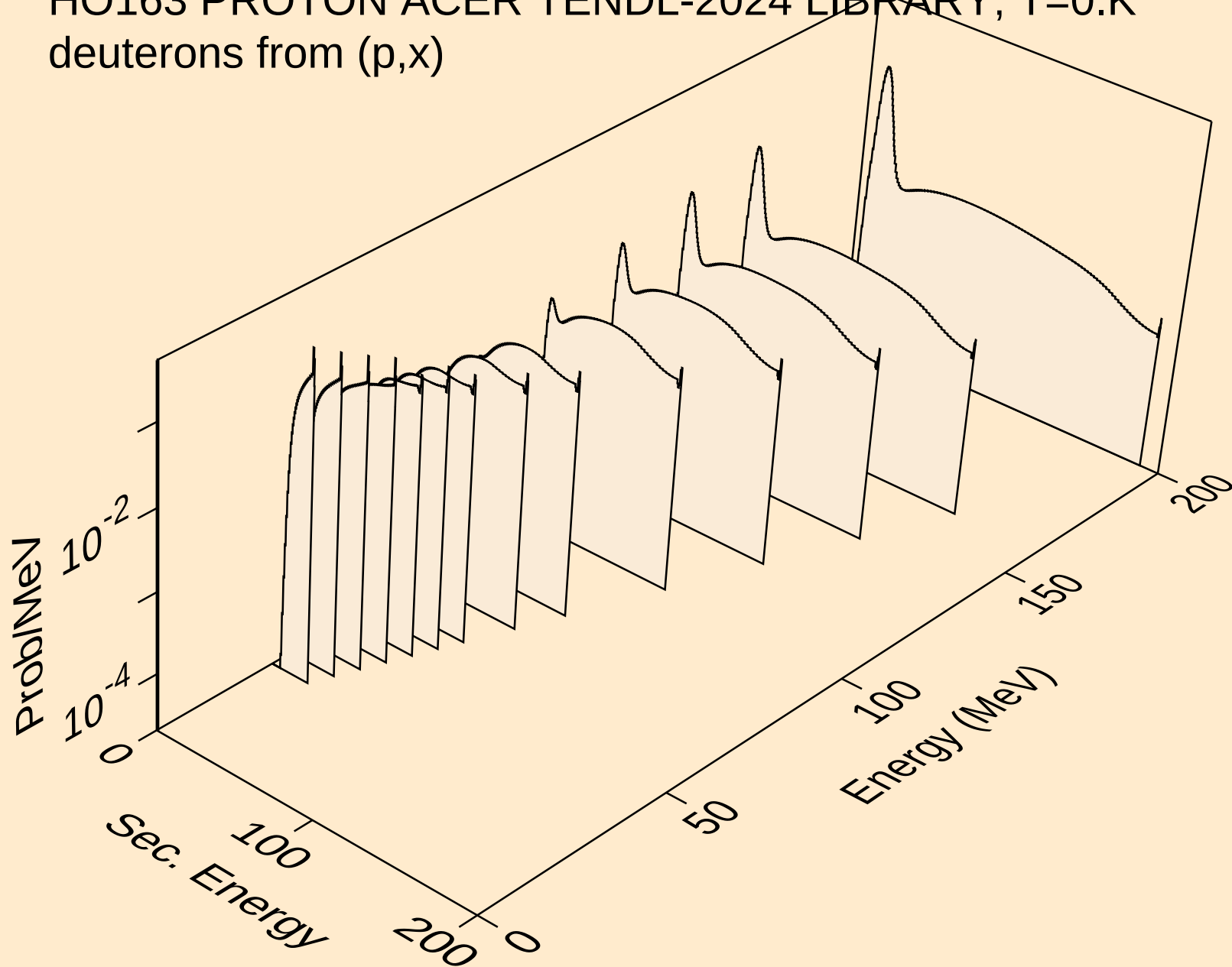
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n2p)



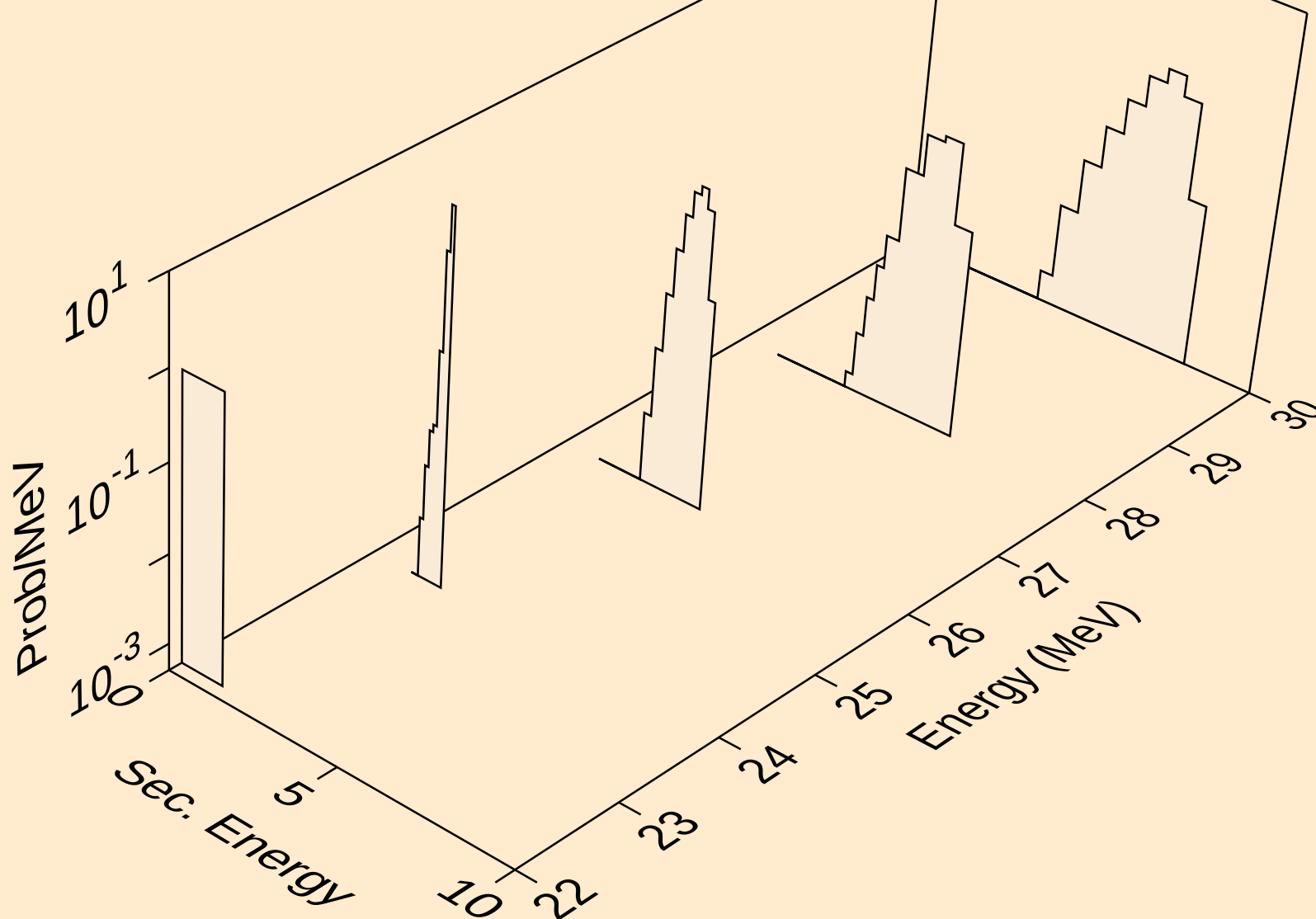
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,npa)



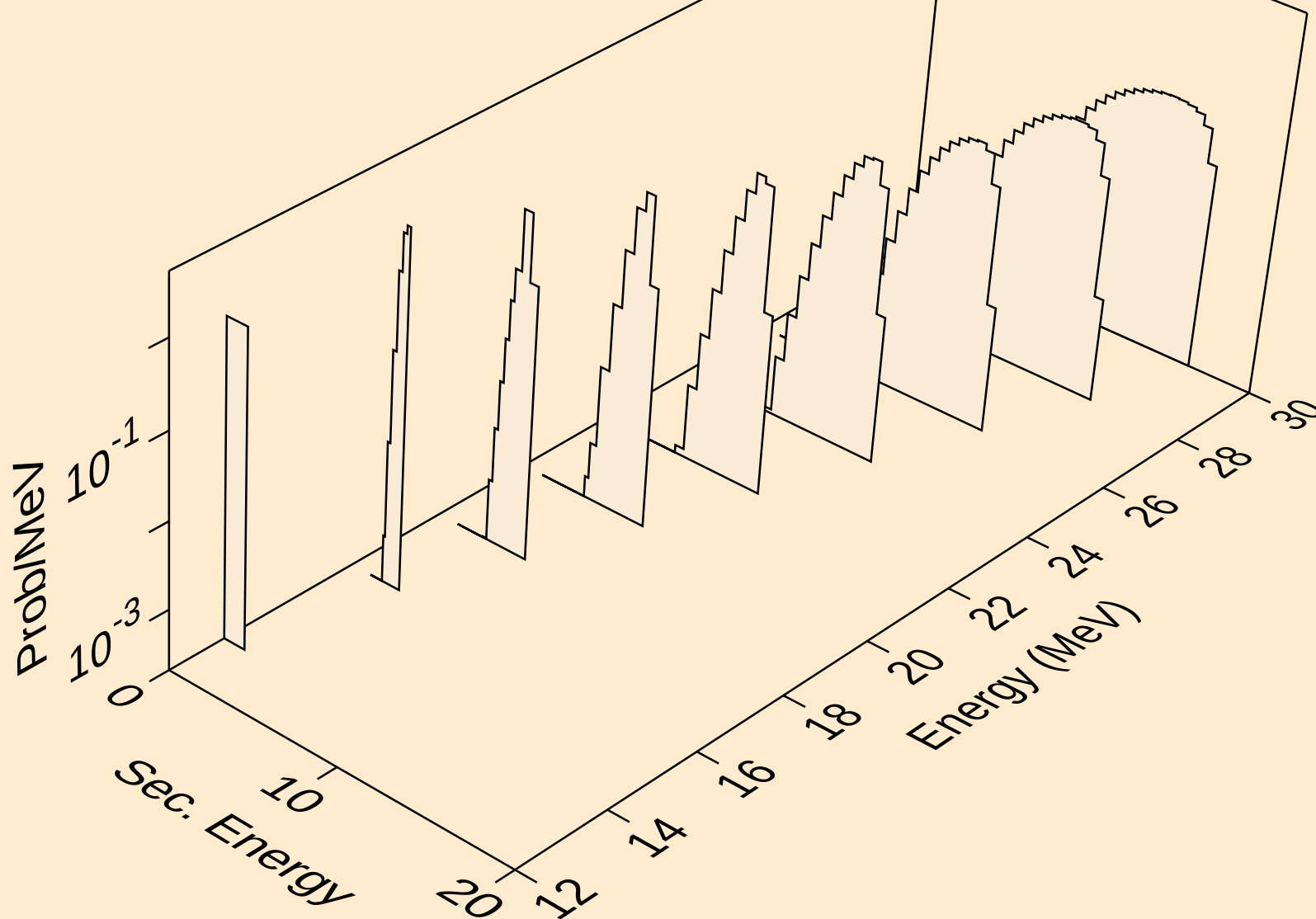
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,x)



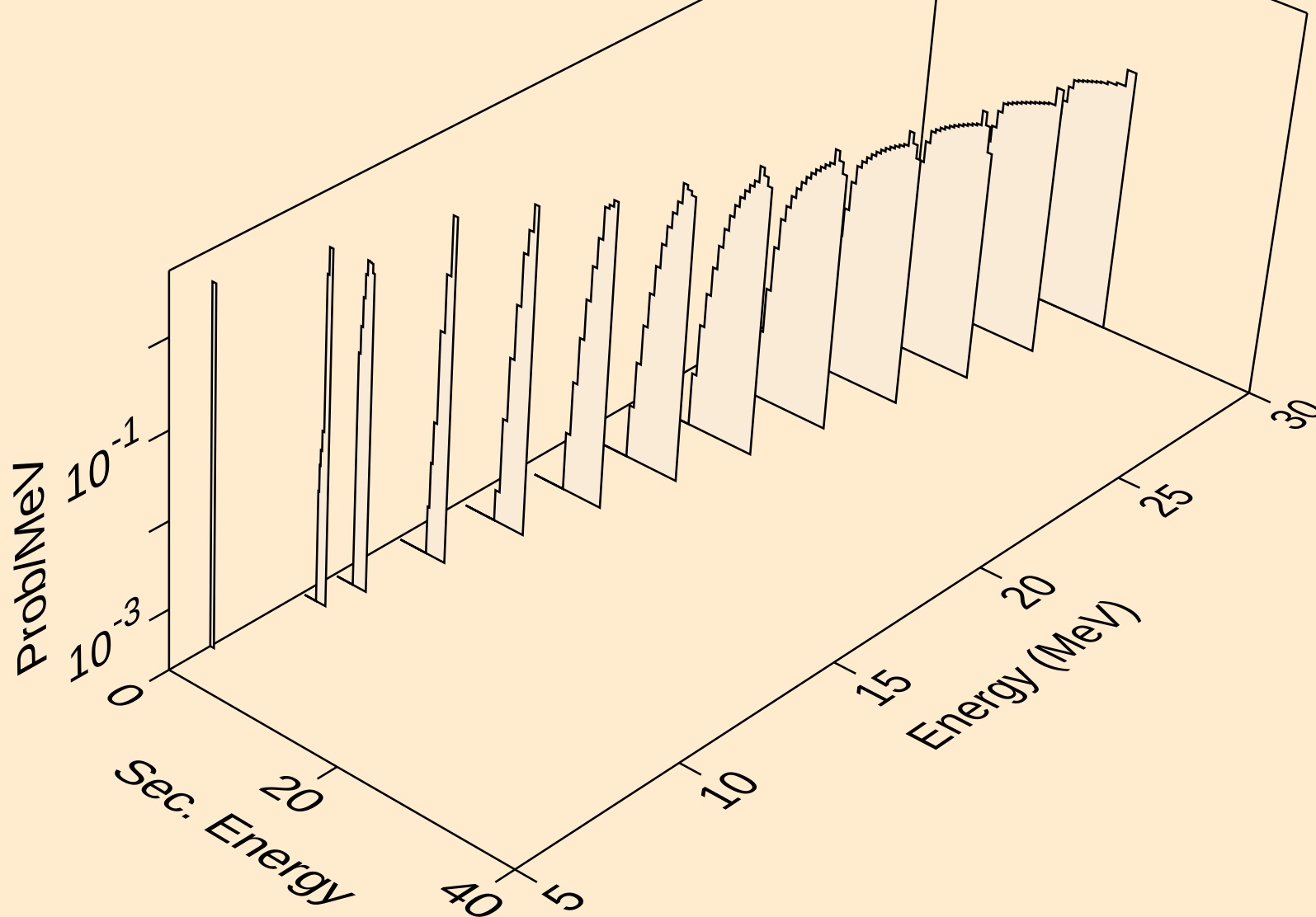
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deuterons from (p,2nd)



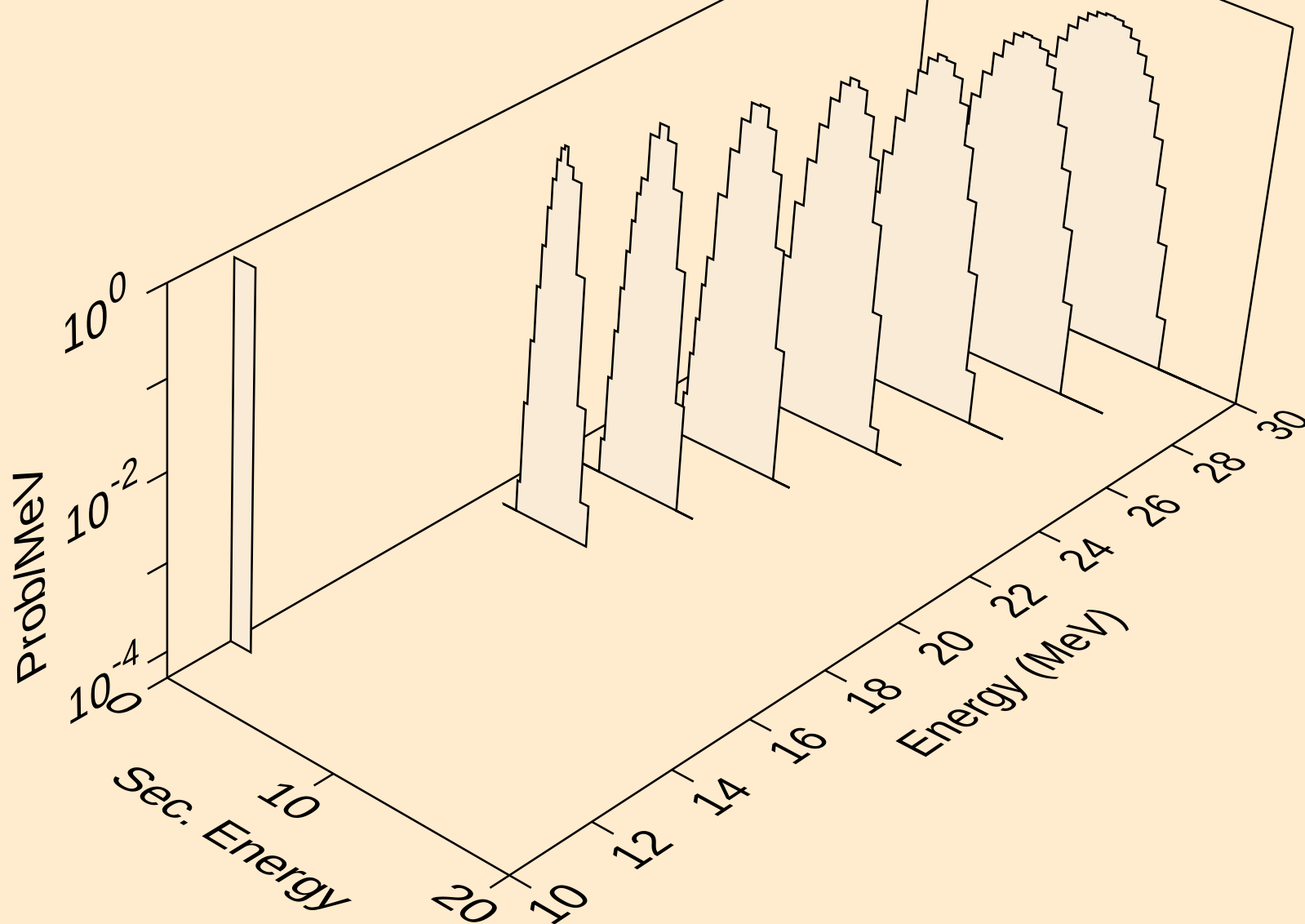
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,n*)d



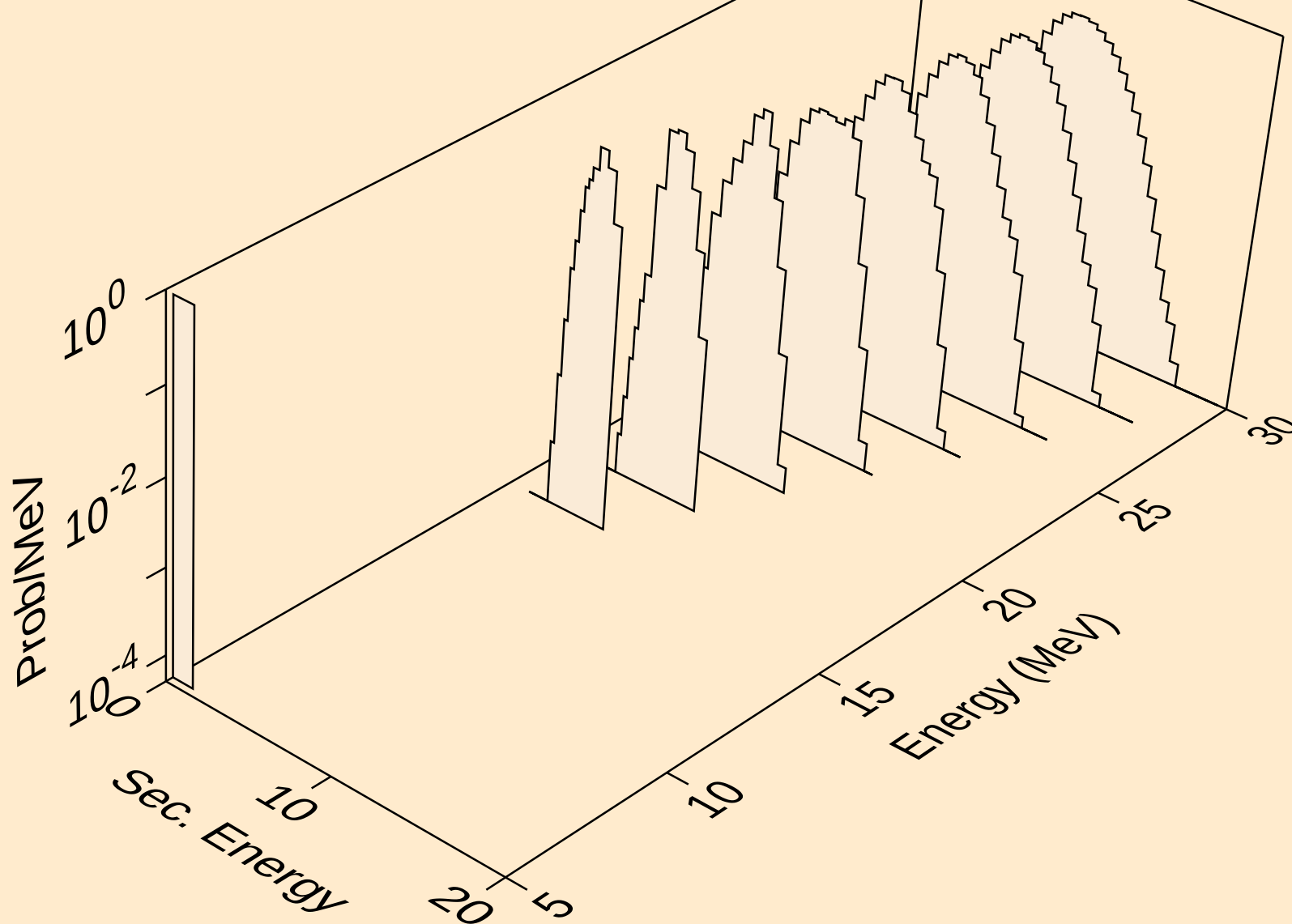
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deuterons from (p,d)



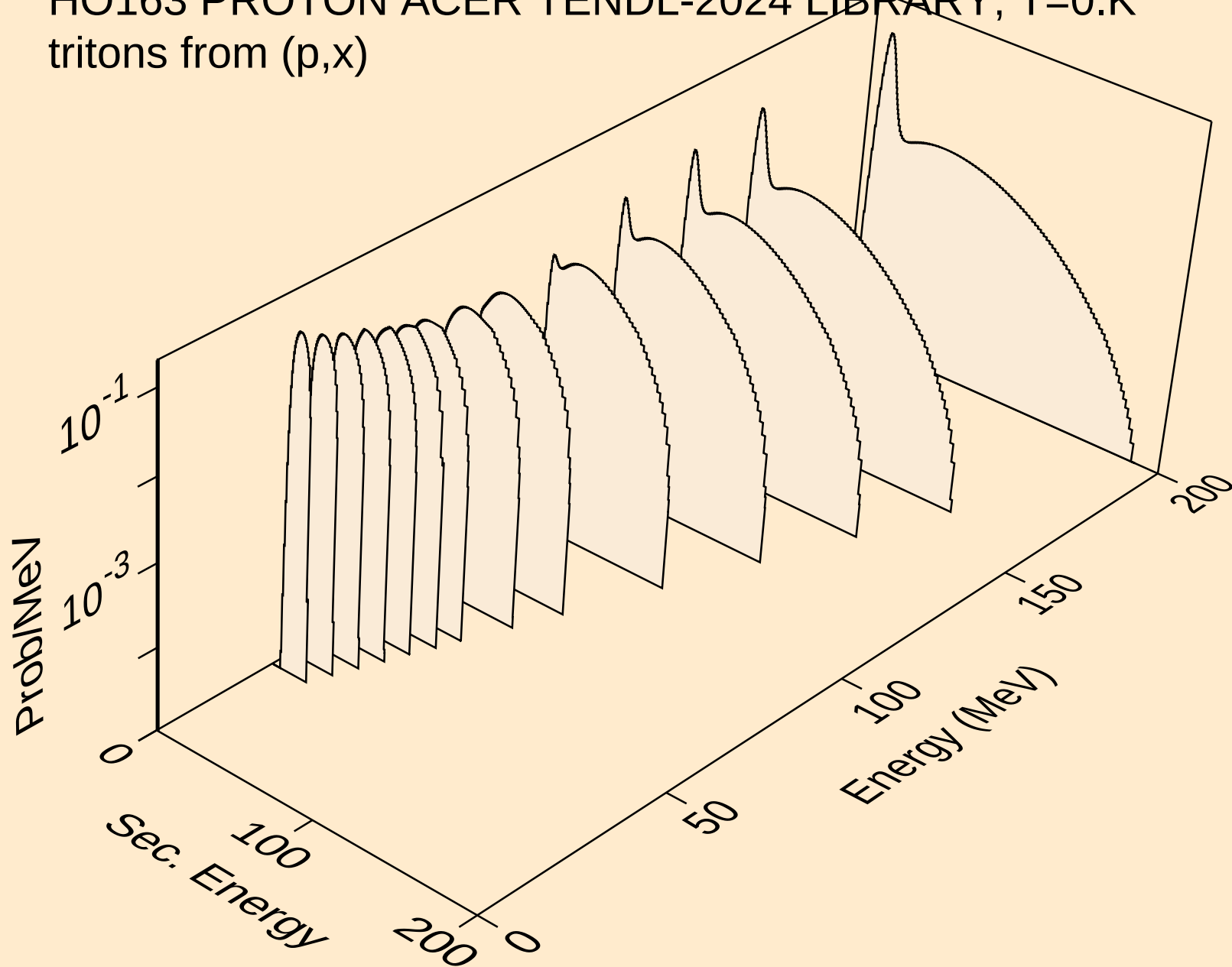
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deuterons from (p,pd)



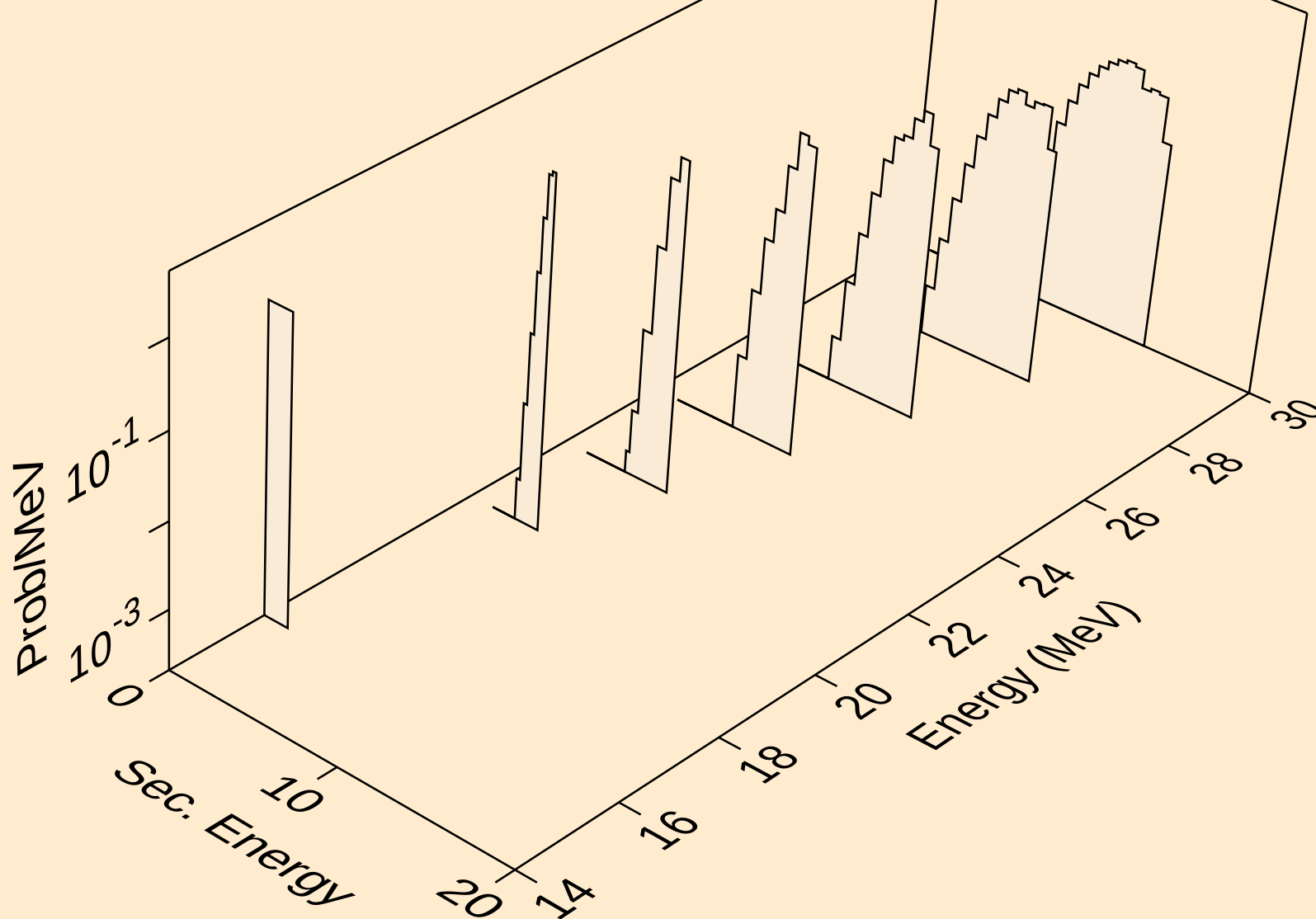
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deuterons from (p,da)



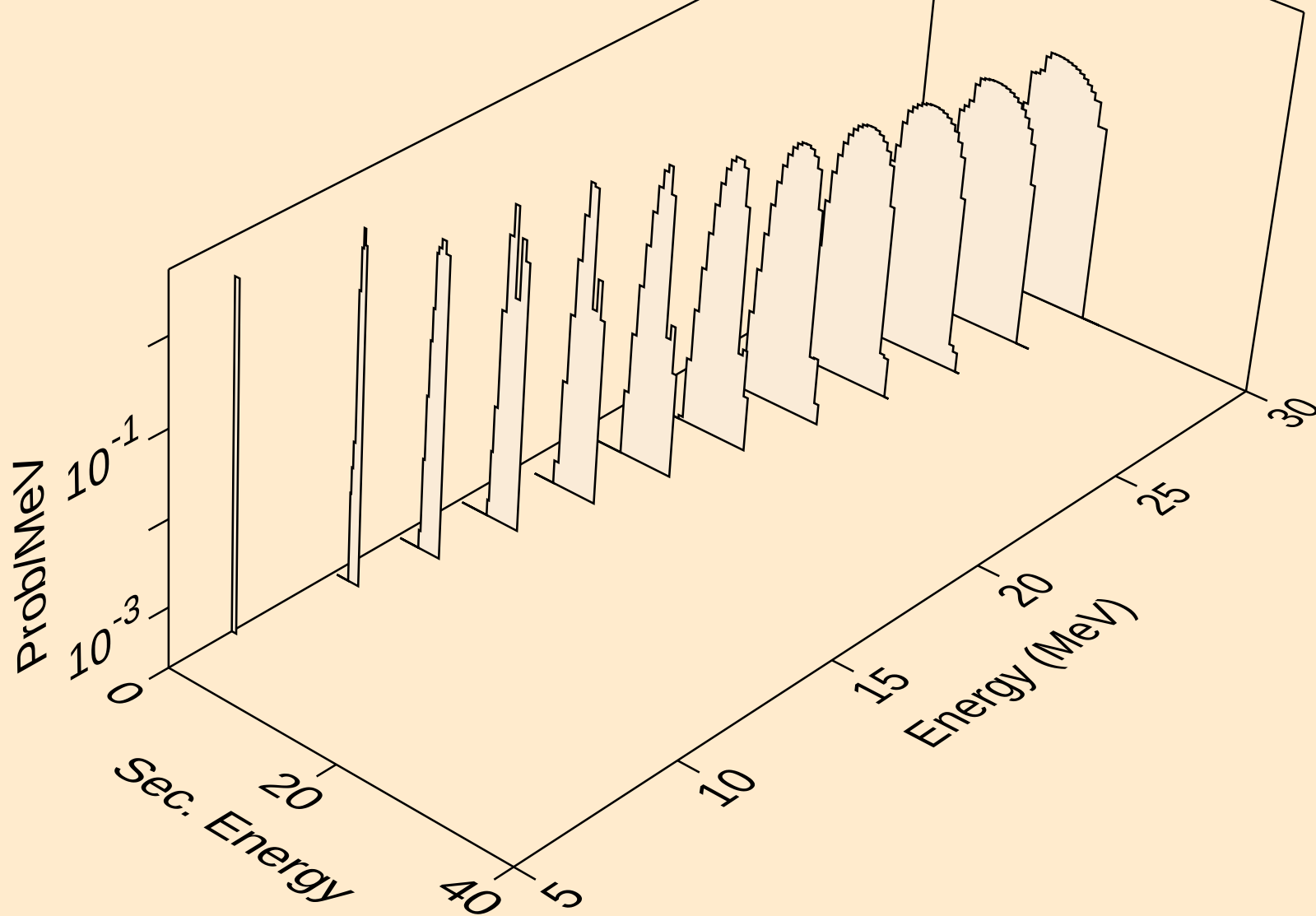
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,x)



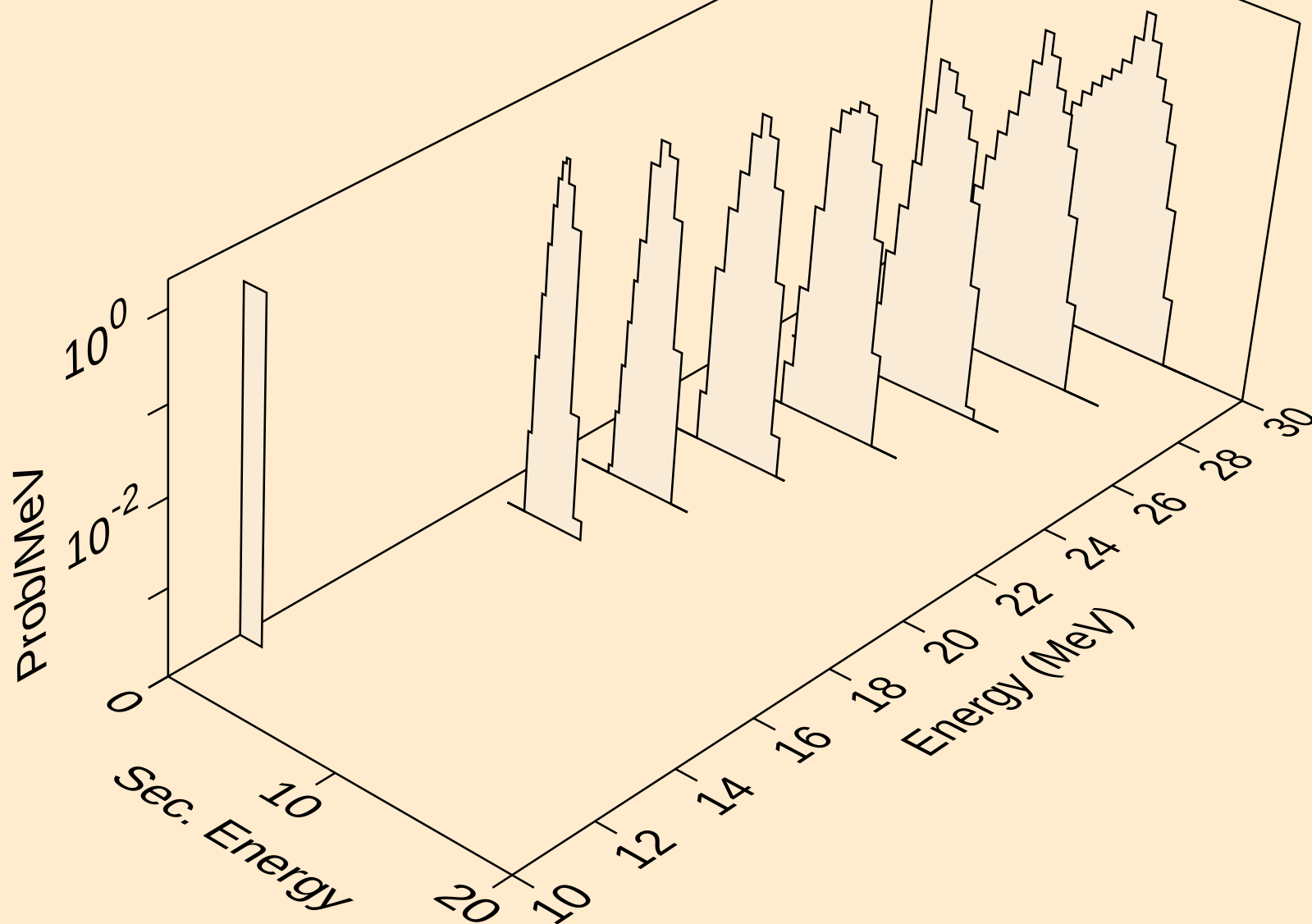
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tritons from (p,n*)t



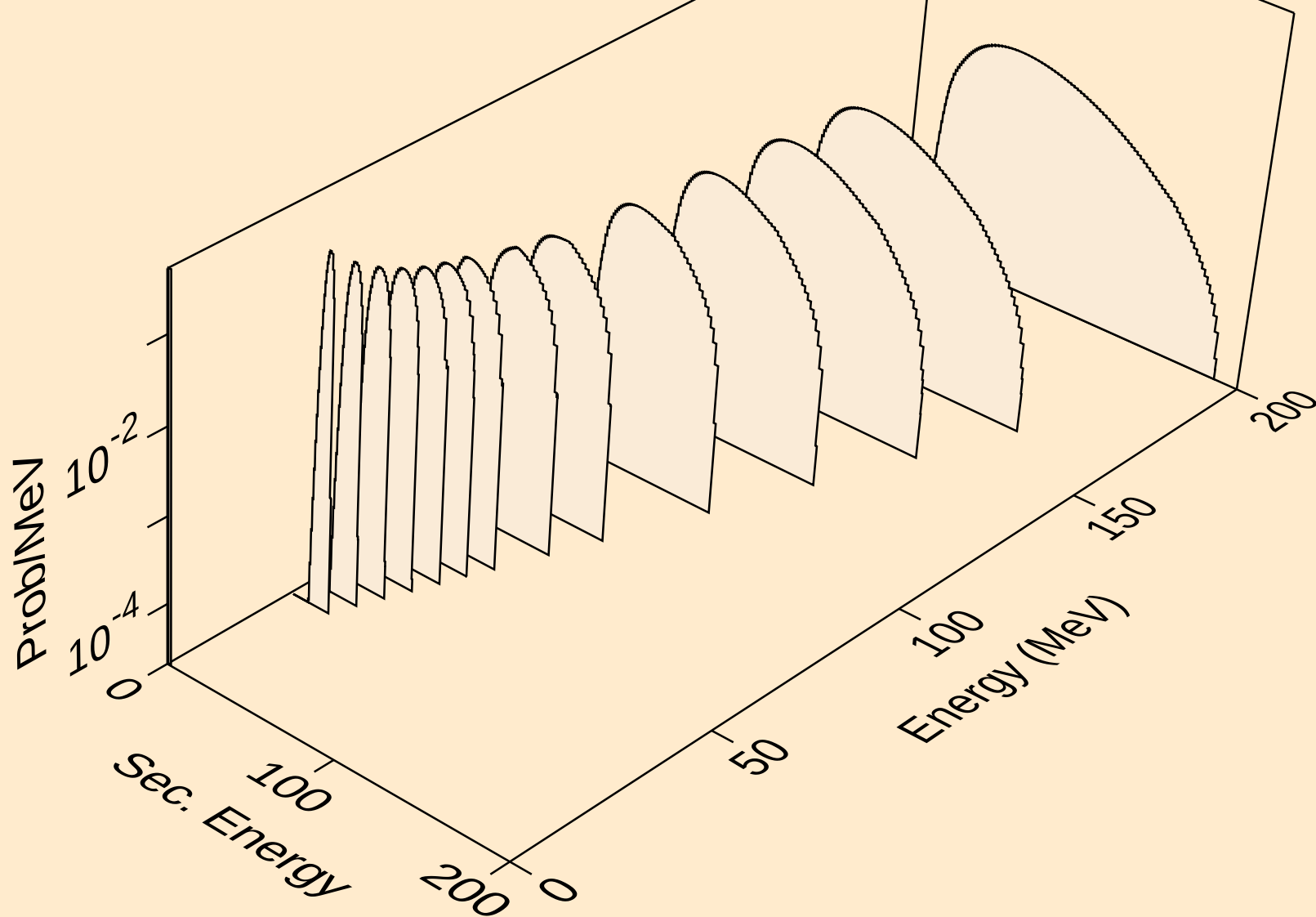
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tritons from (p,t)



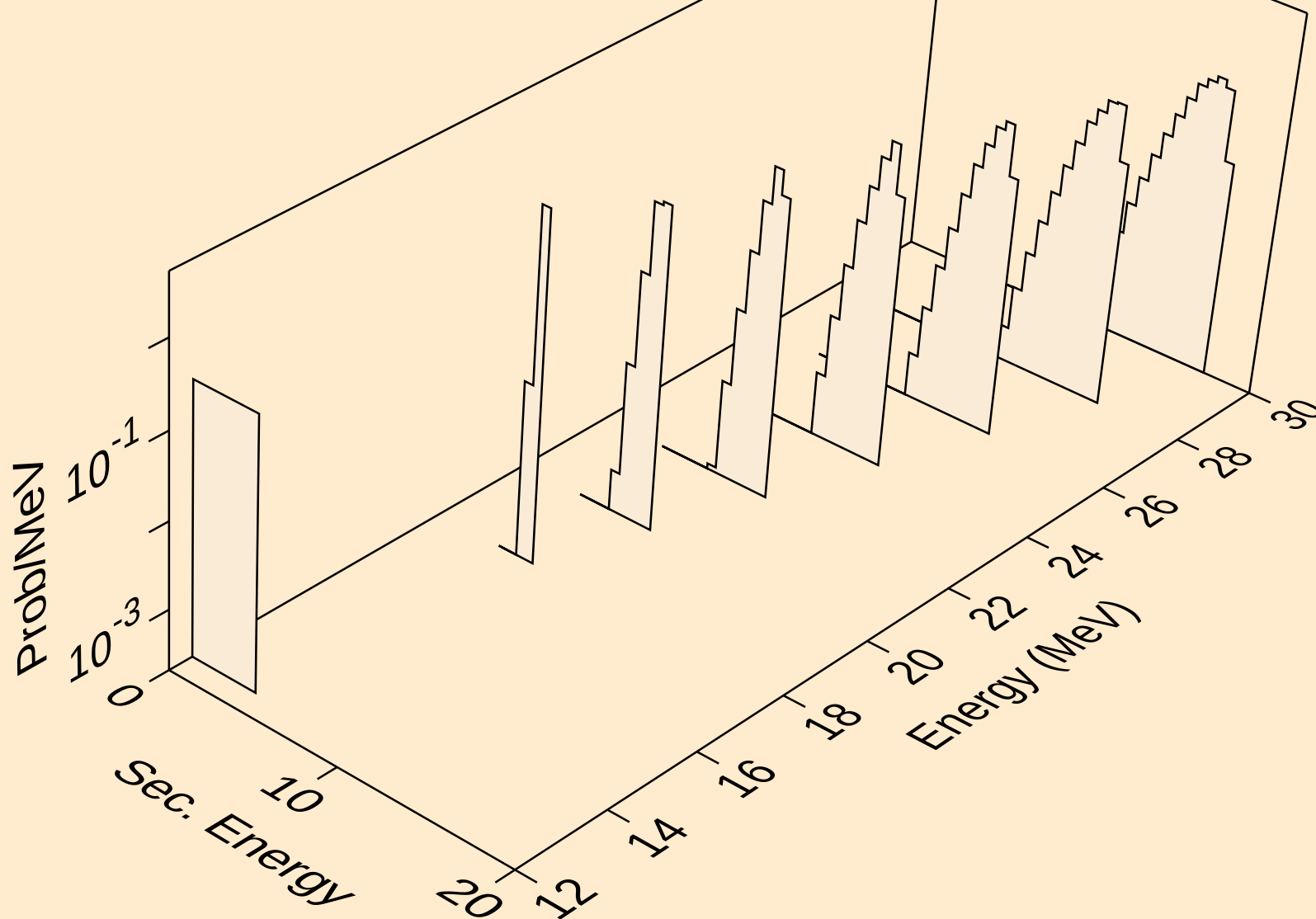
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tritons from (p,pt)



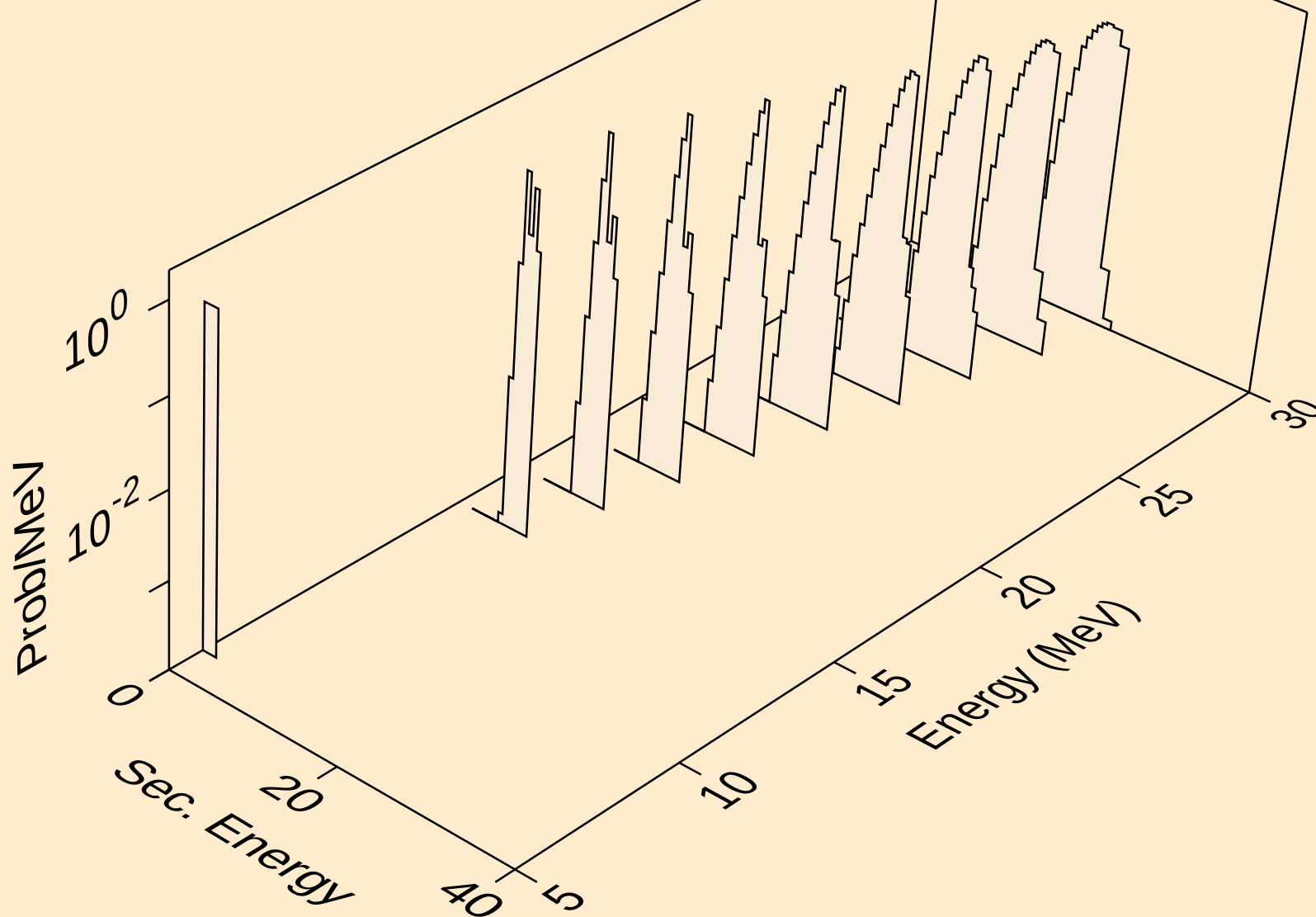
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he3s from (p,x)



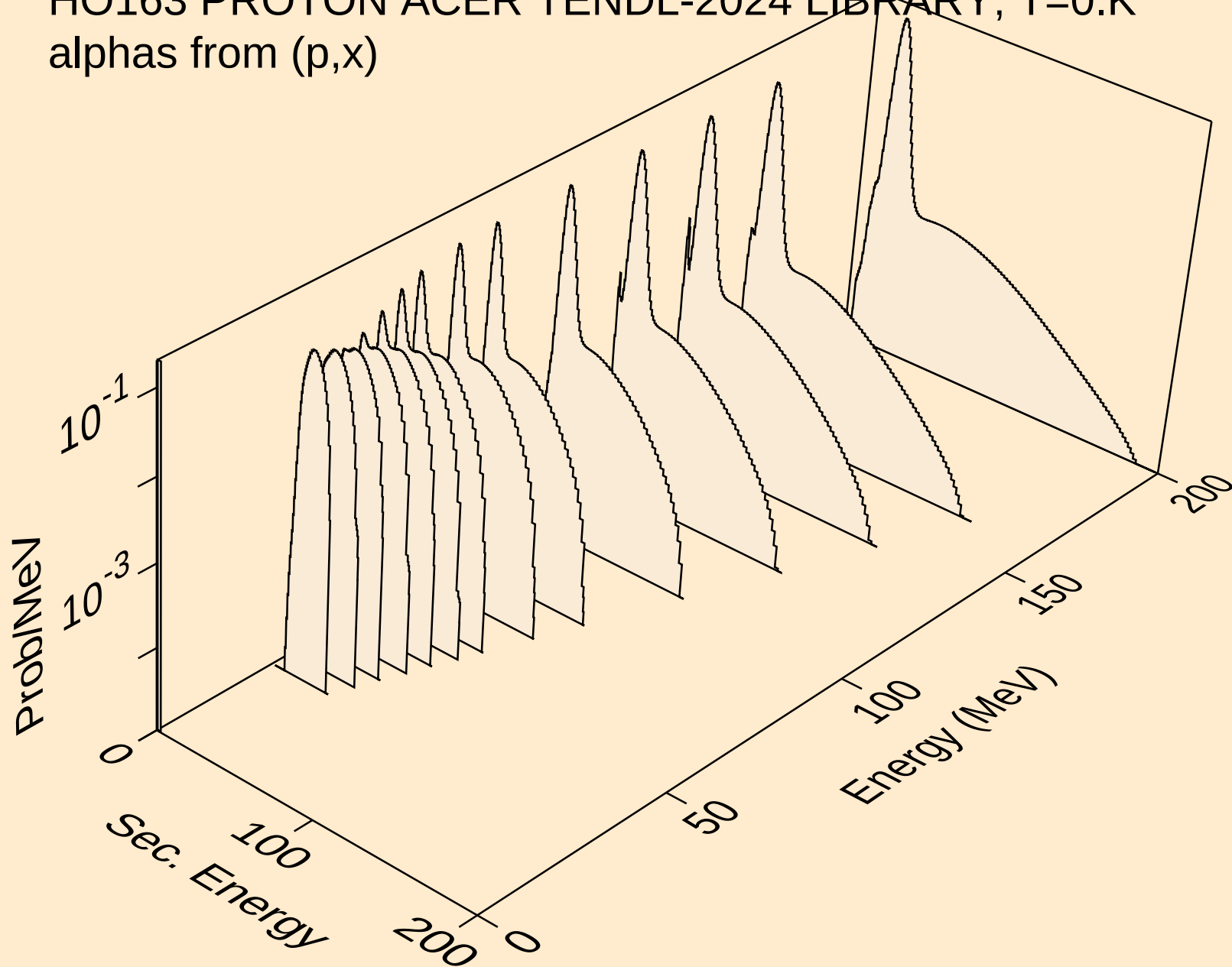
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,n*)he3



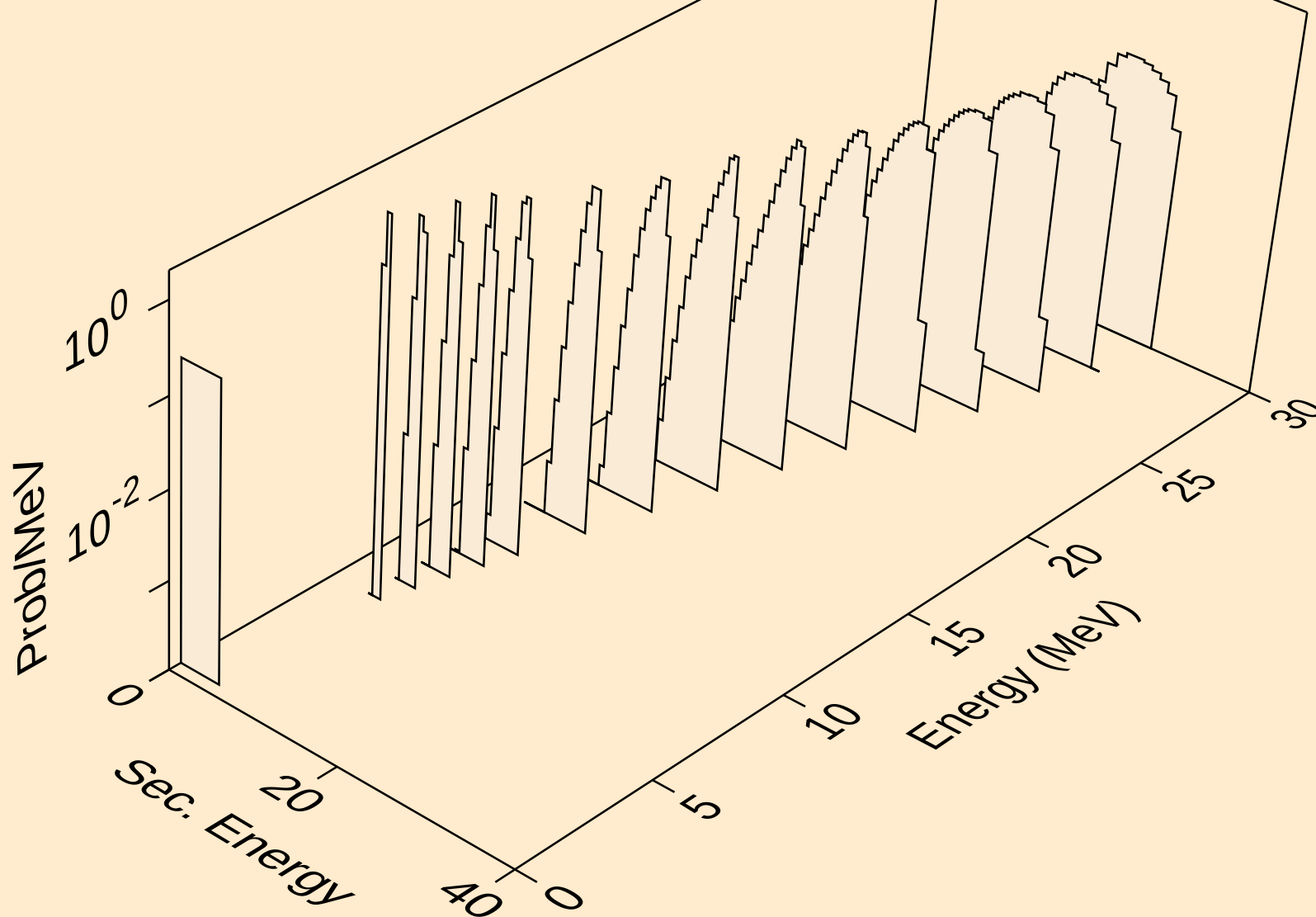
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he3s from (p,he3)



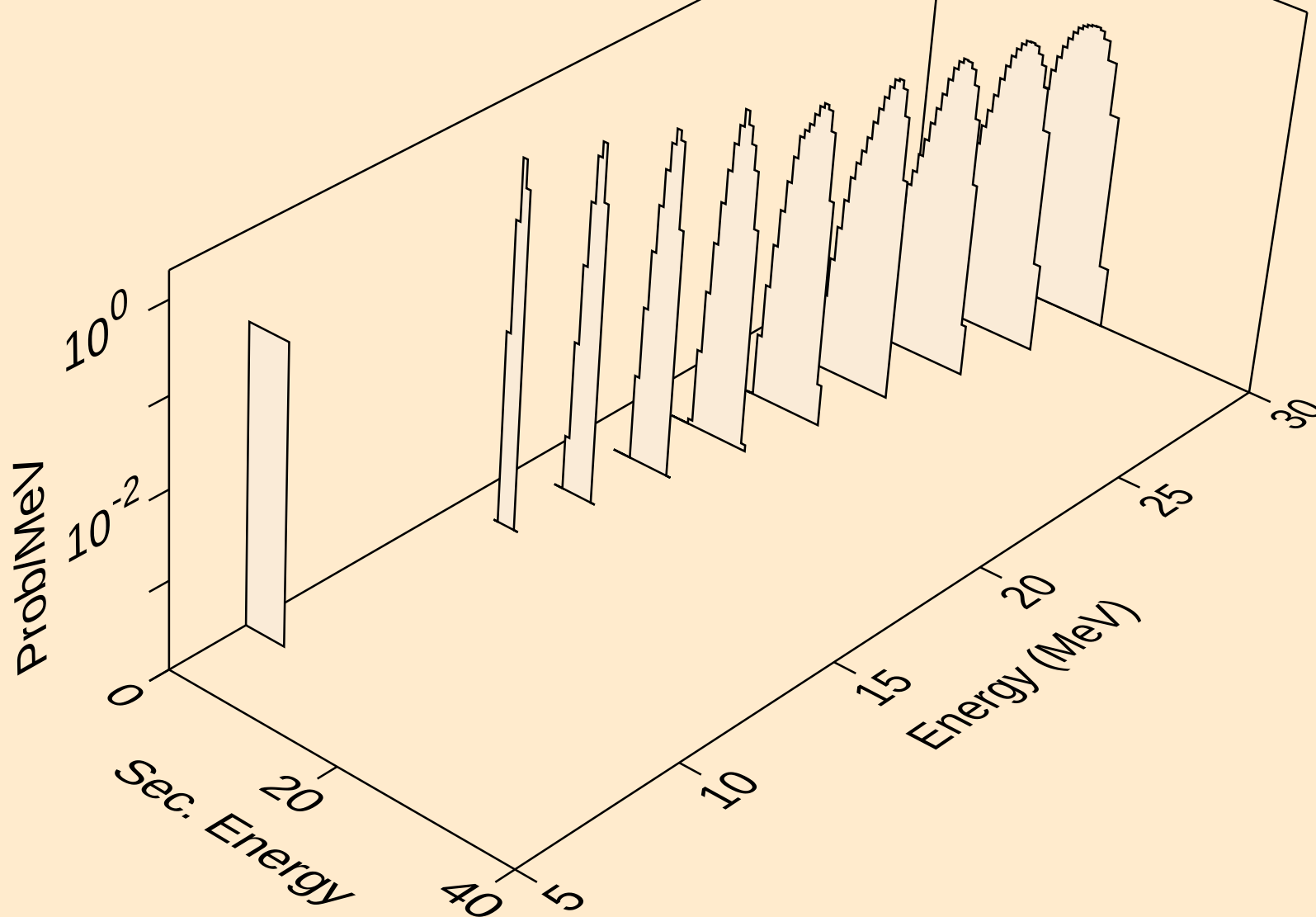
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,x)



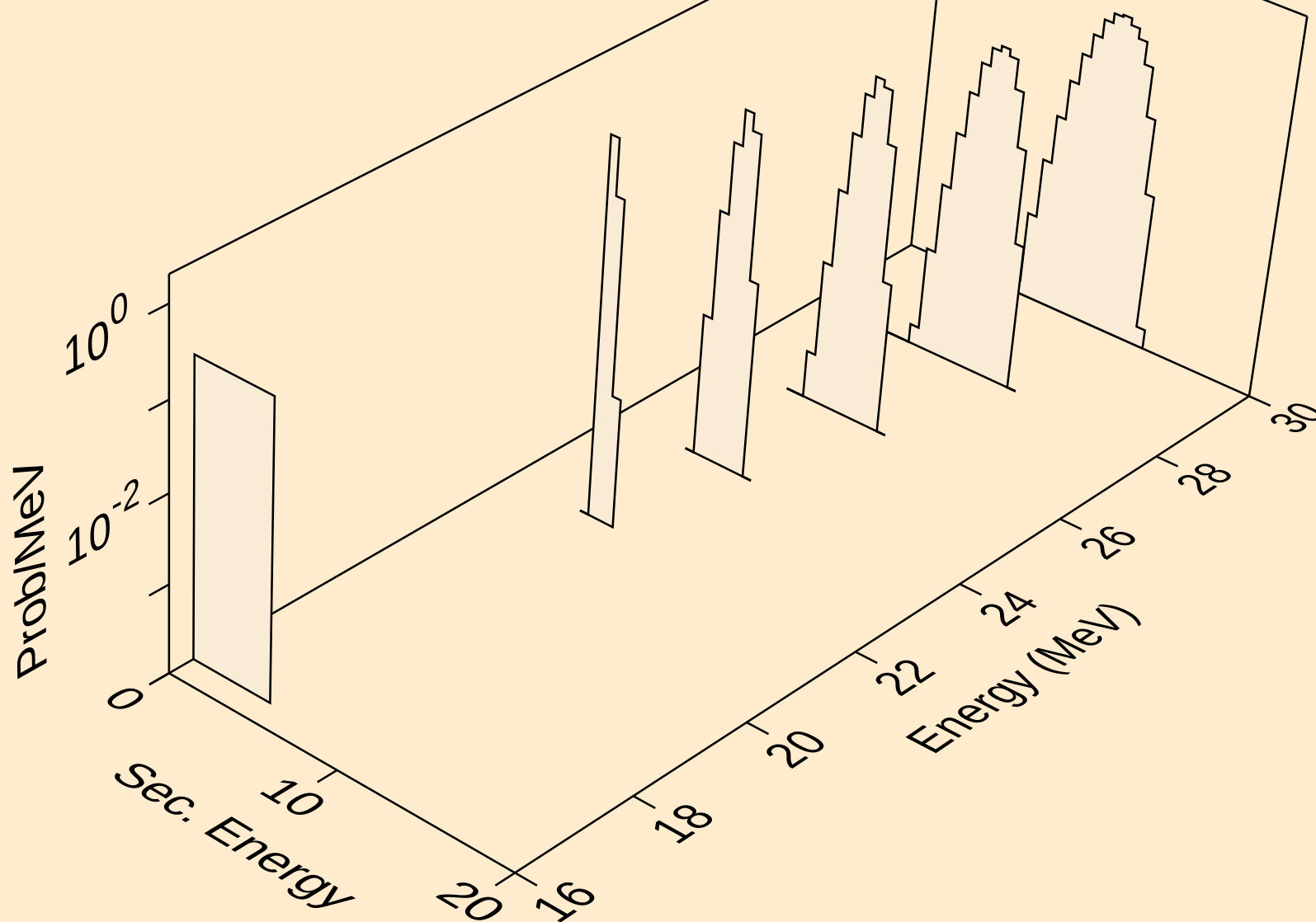
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)a



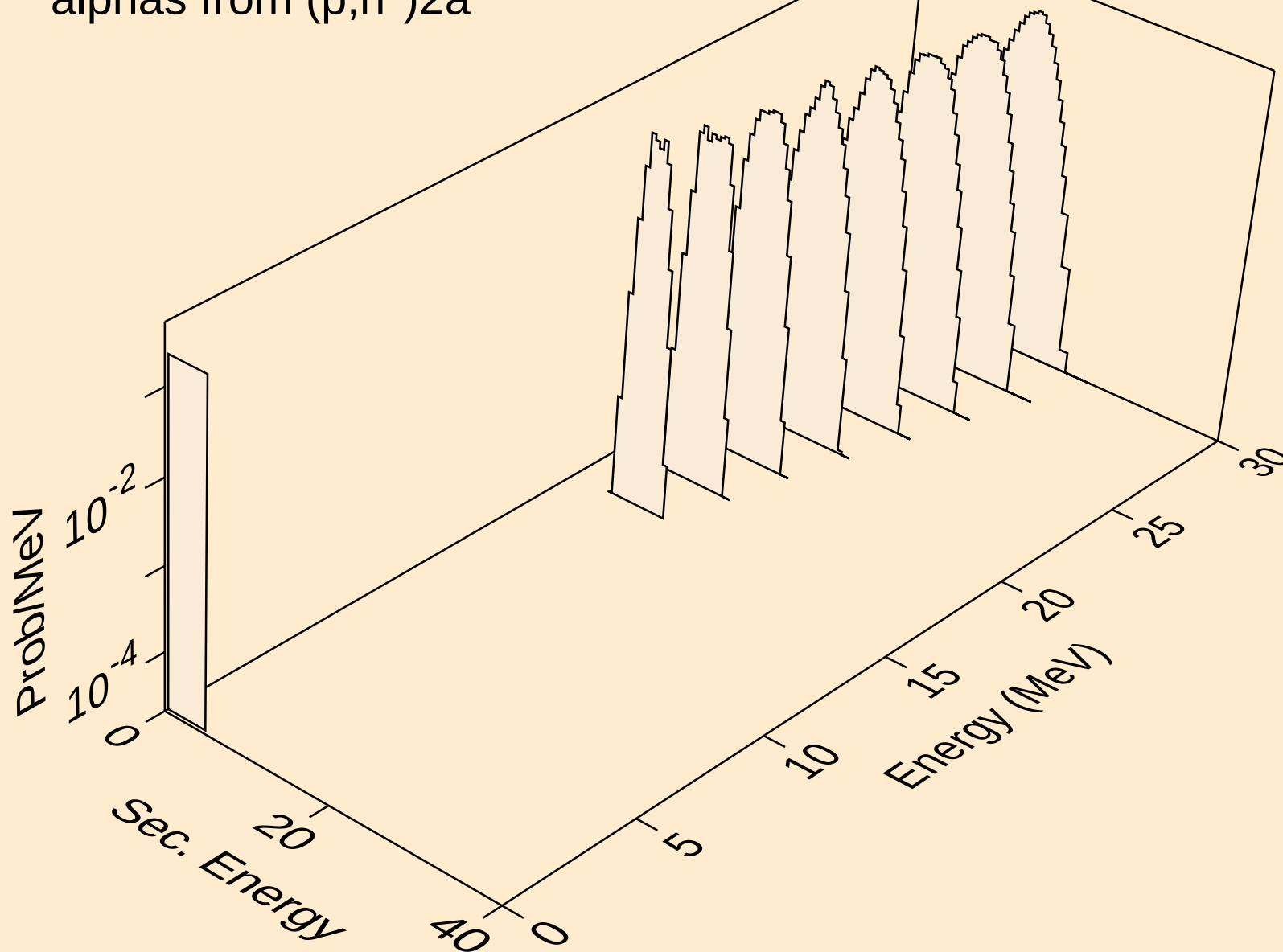
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2n)a



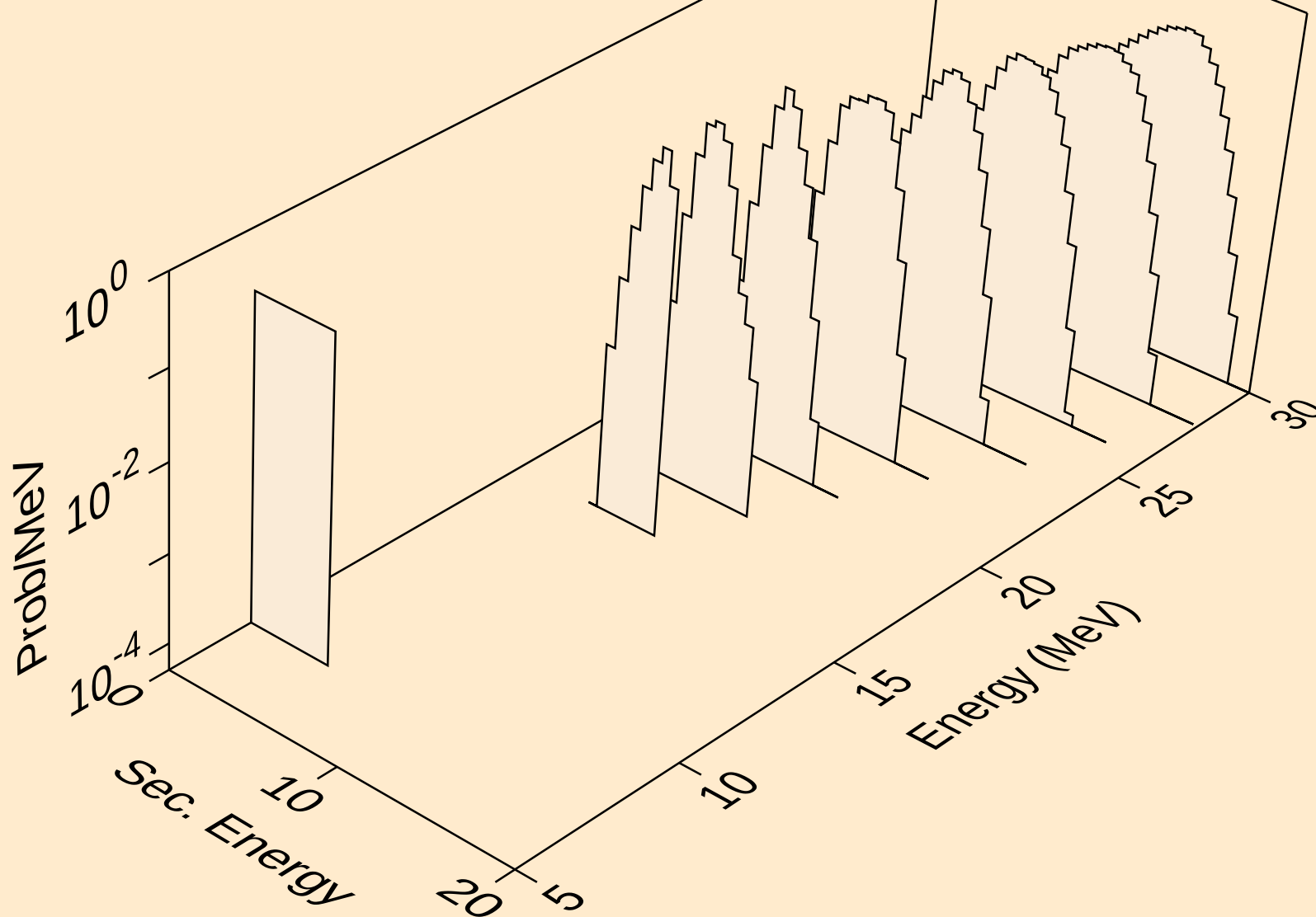
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alphas from (p,3n)a



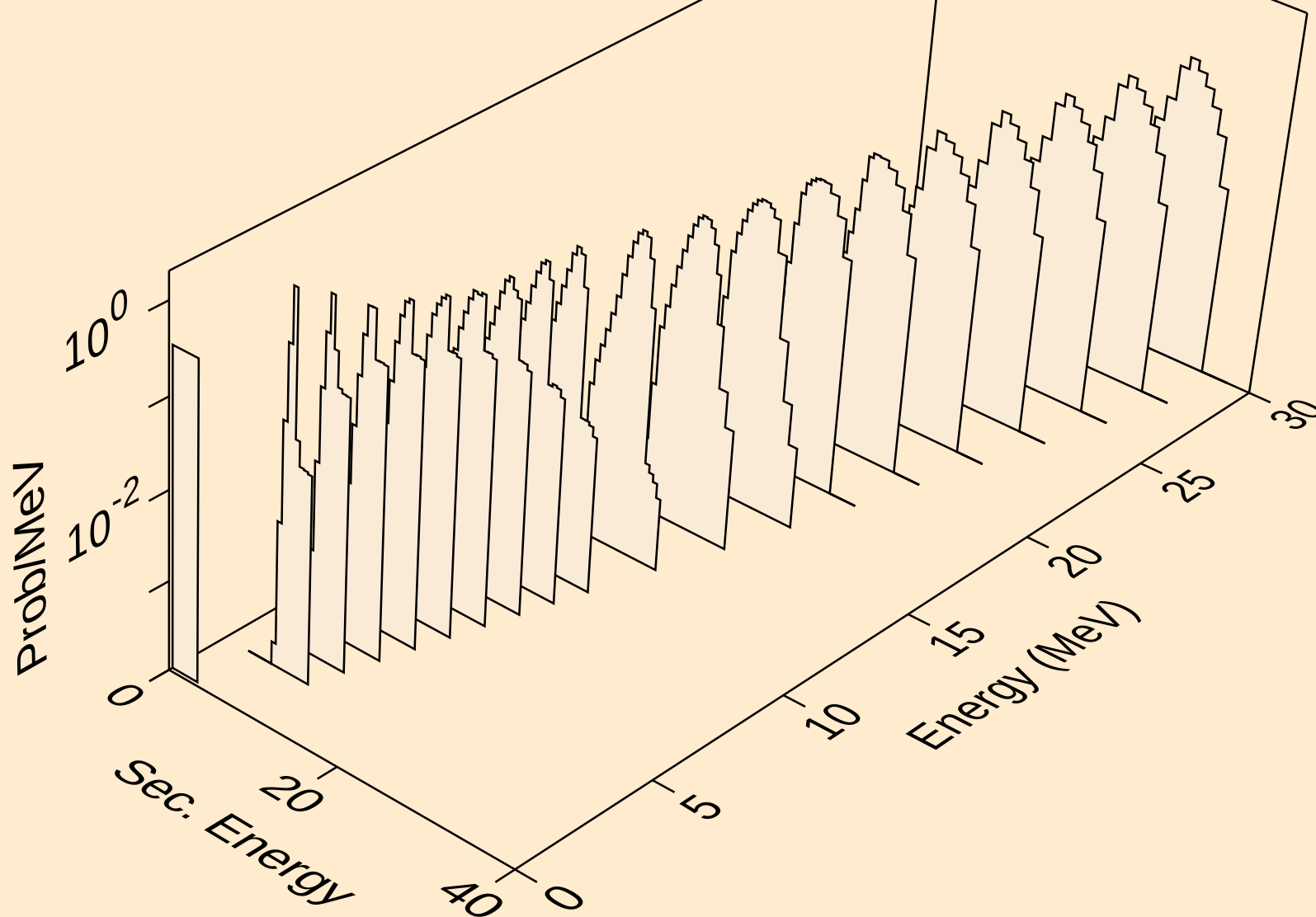
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)2a



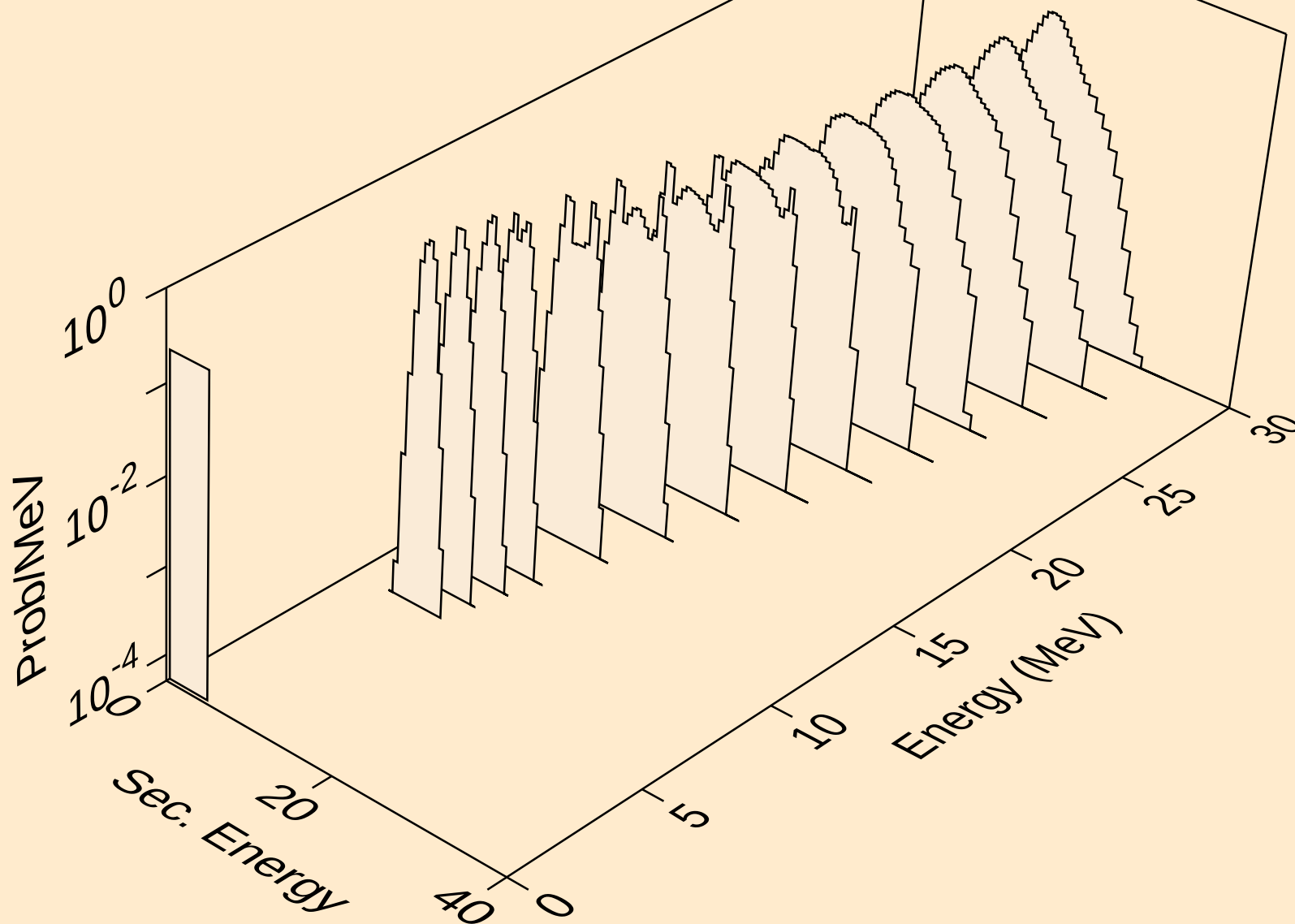
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,npa)



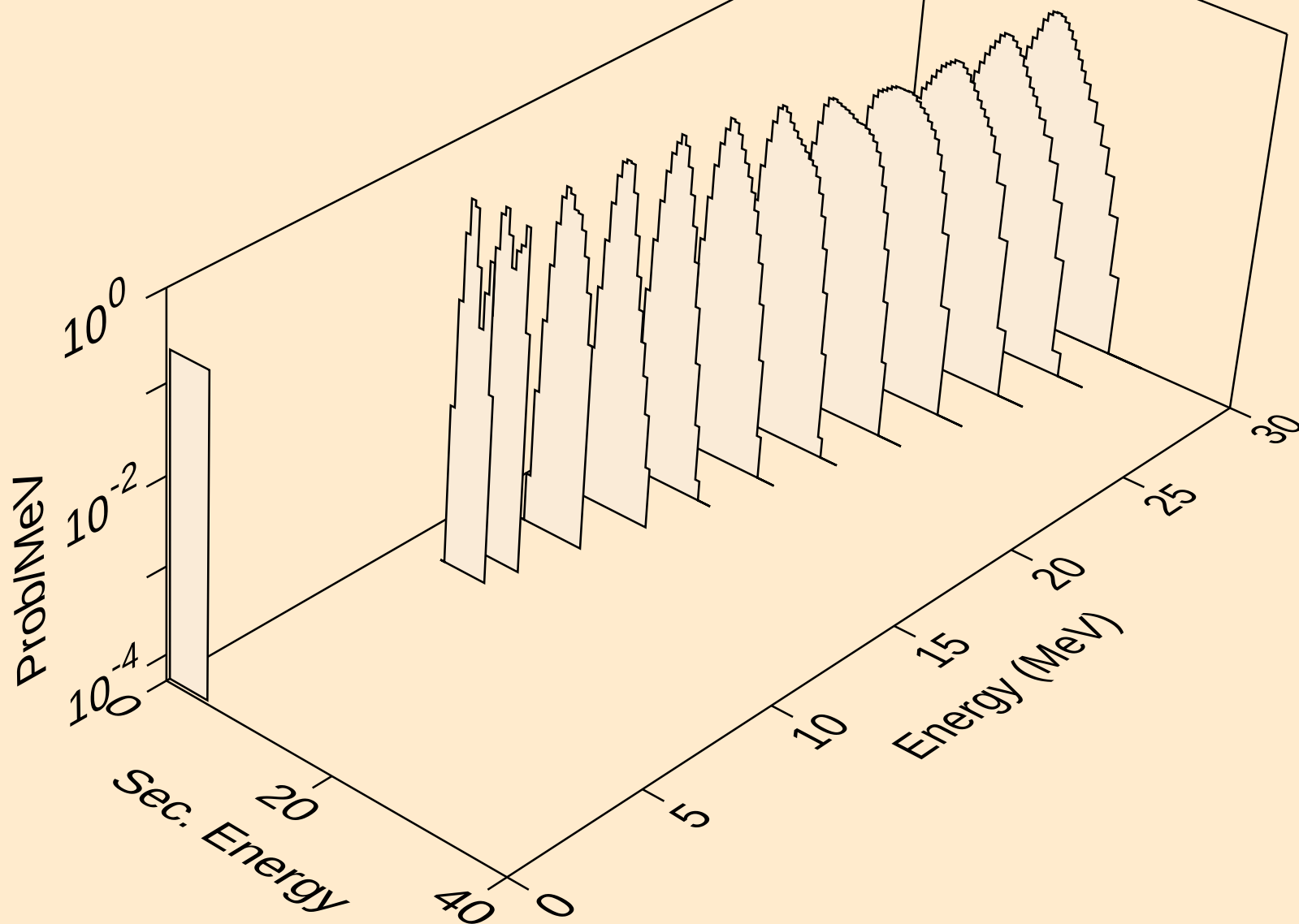
HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,a)



HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2a)



HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,pa)



HO163 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,da)

