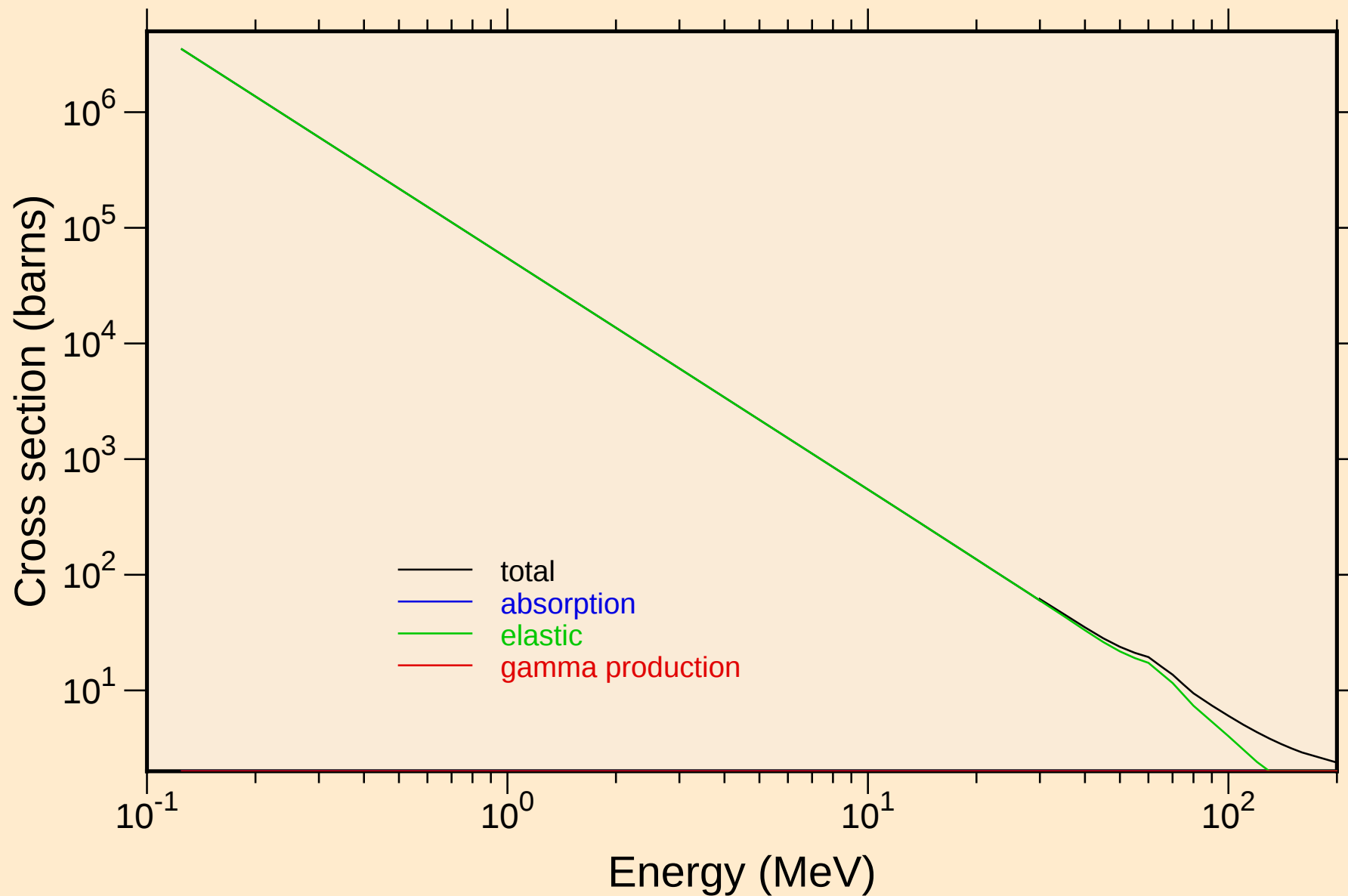


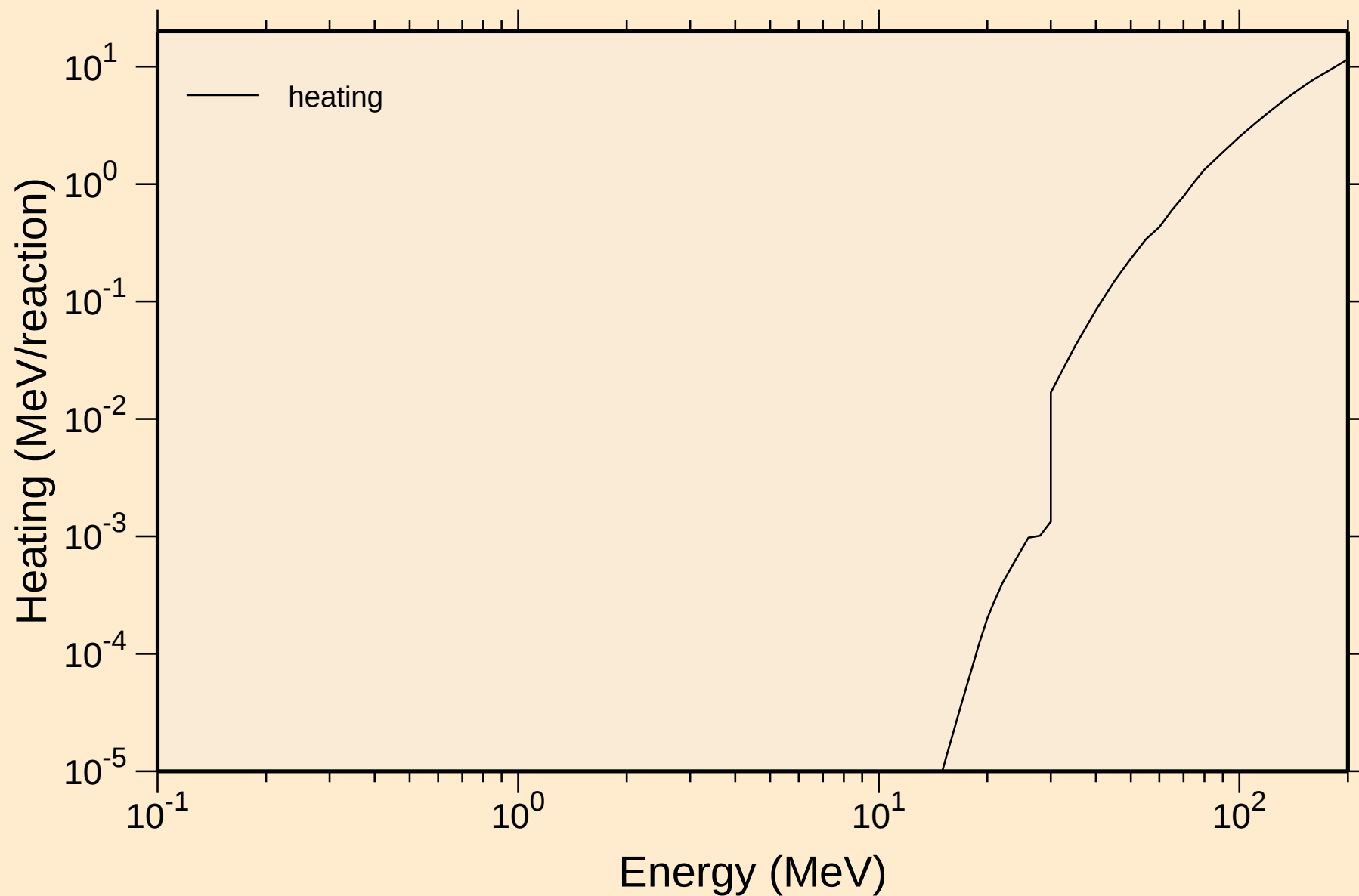
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



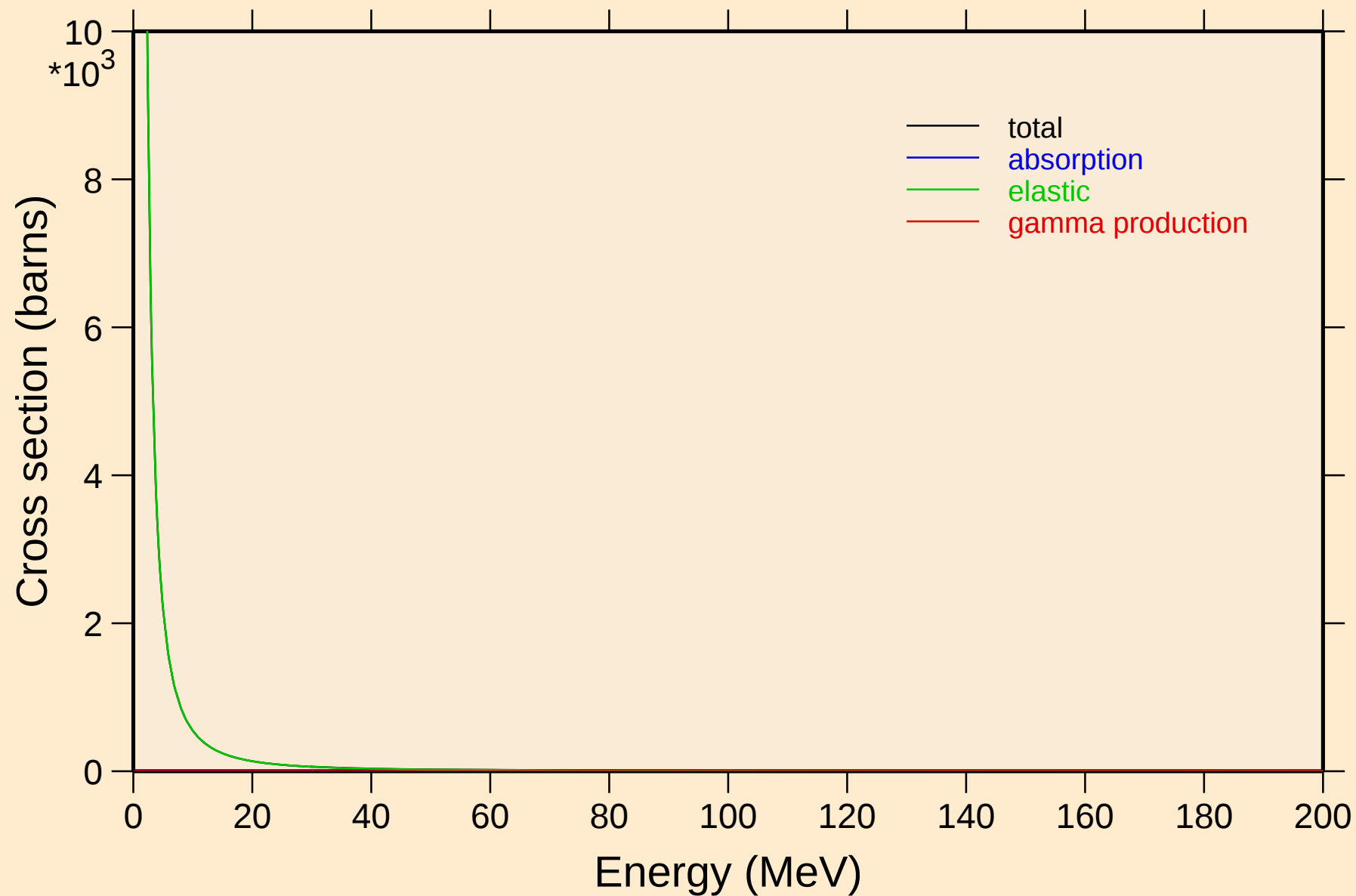
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



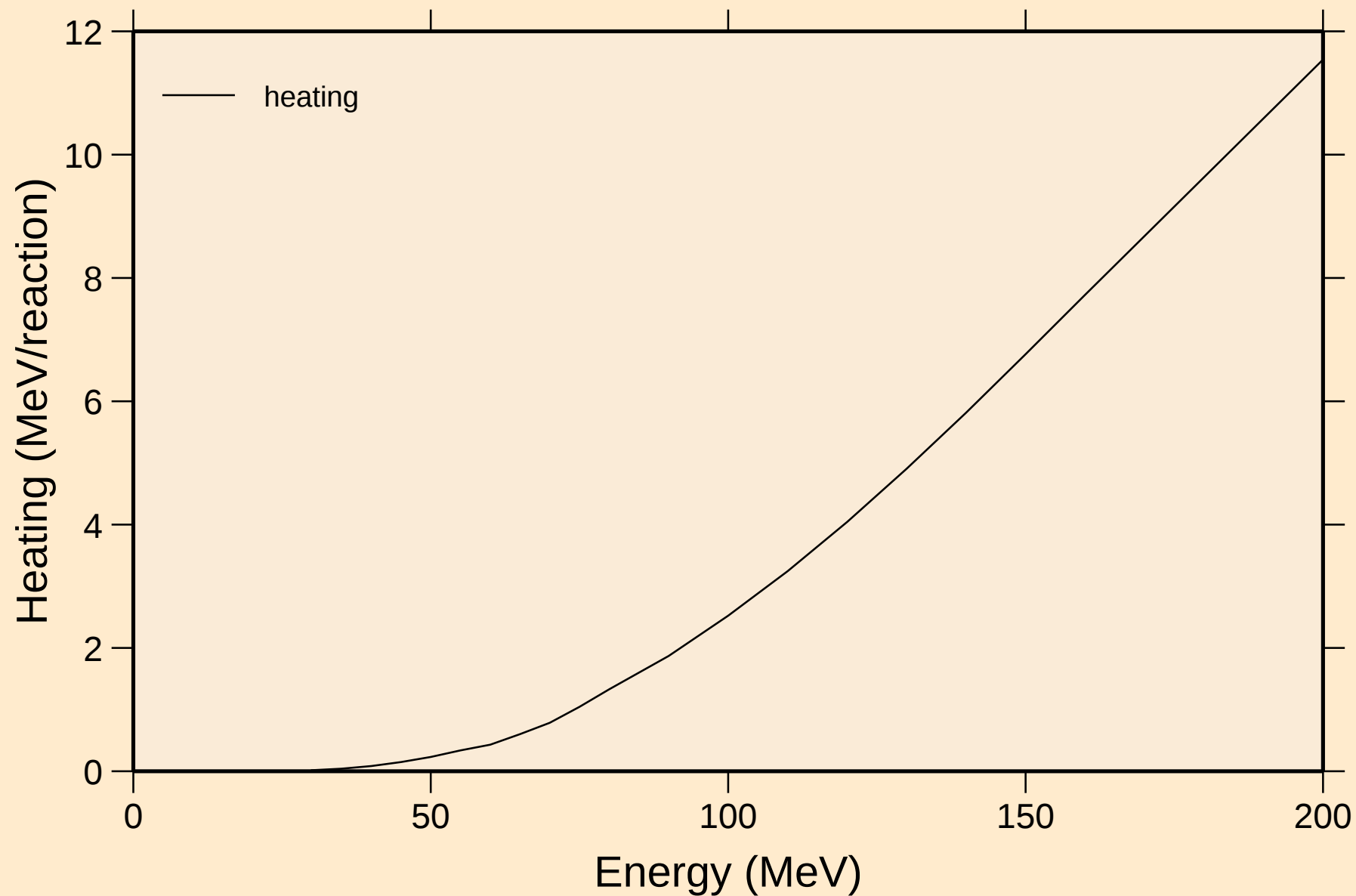
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



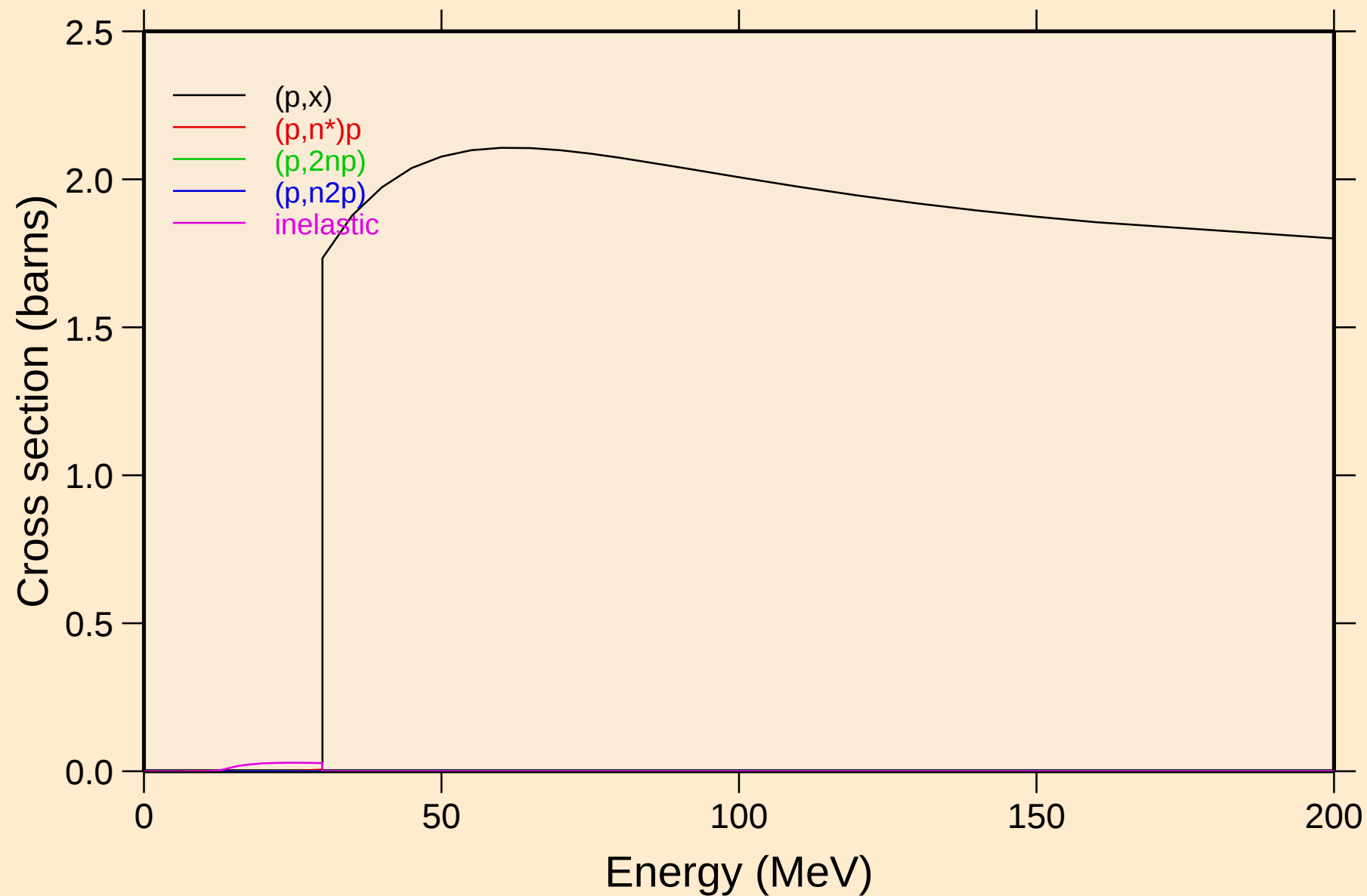
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating

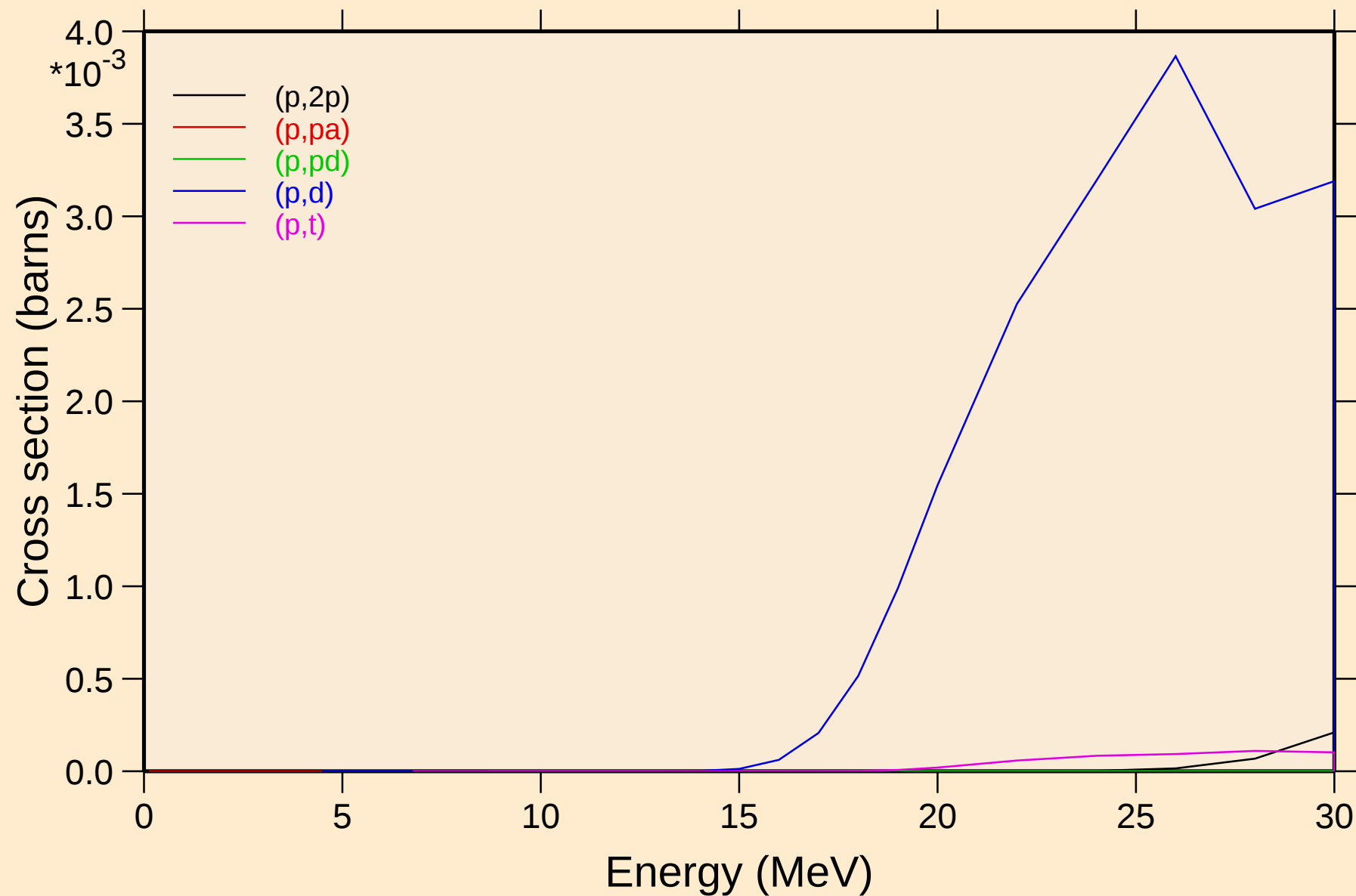


PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

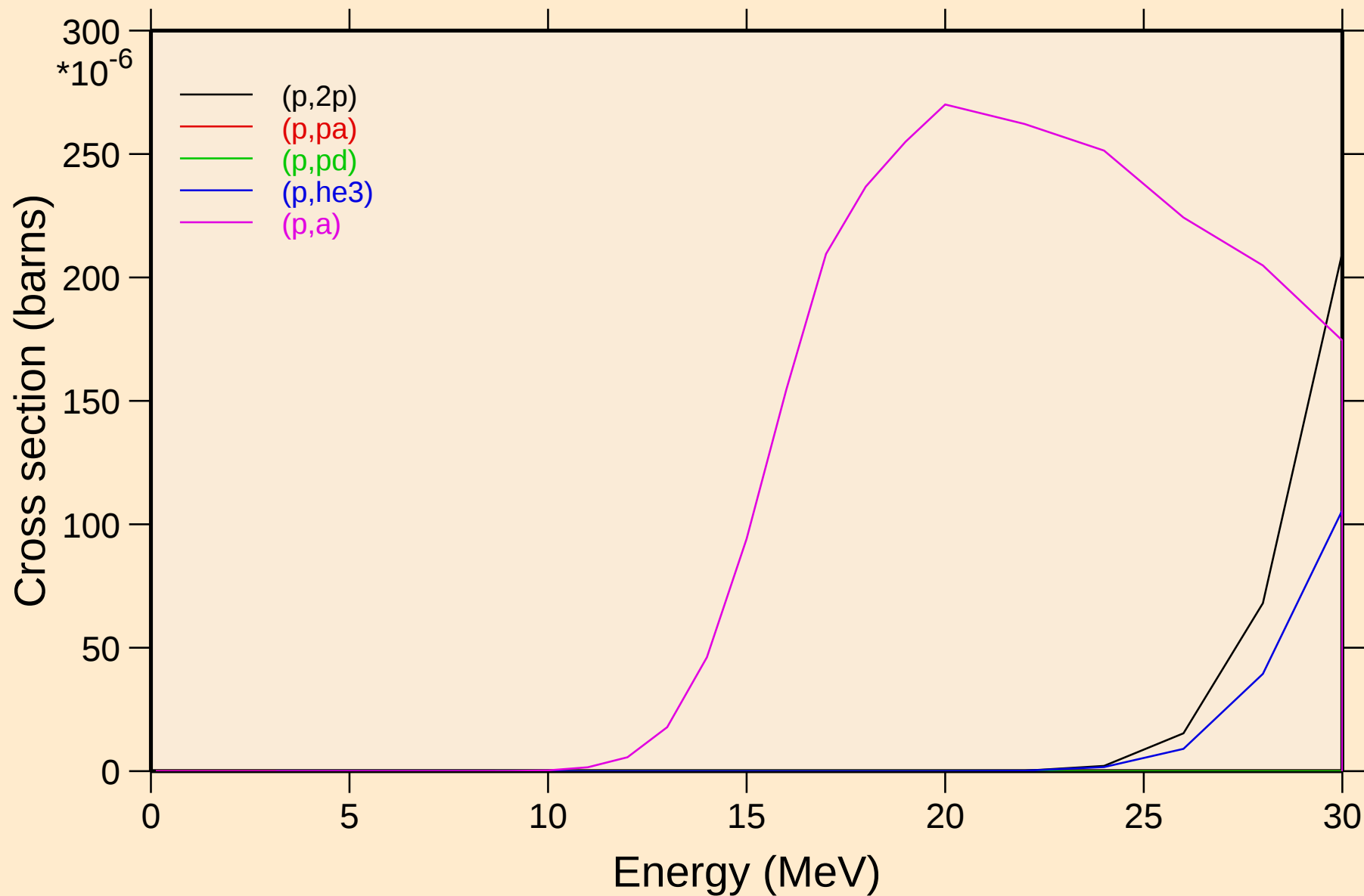
Threshold reactions



PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

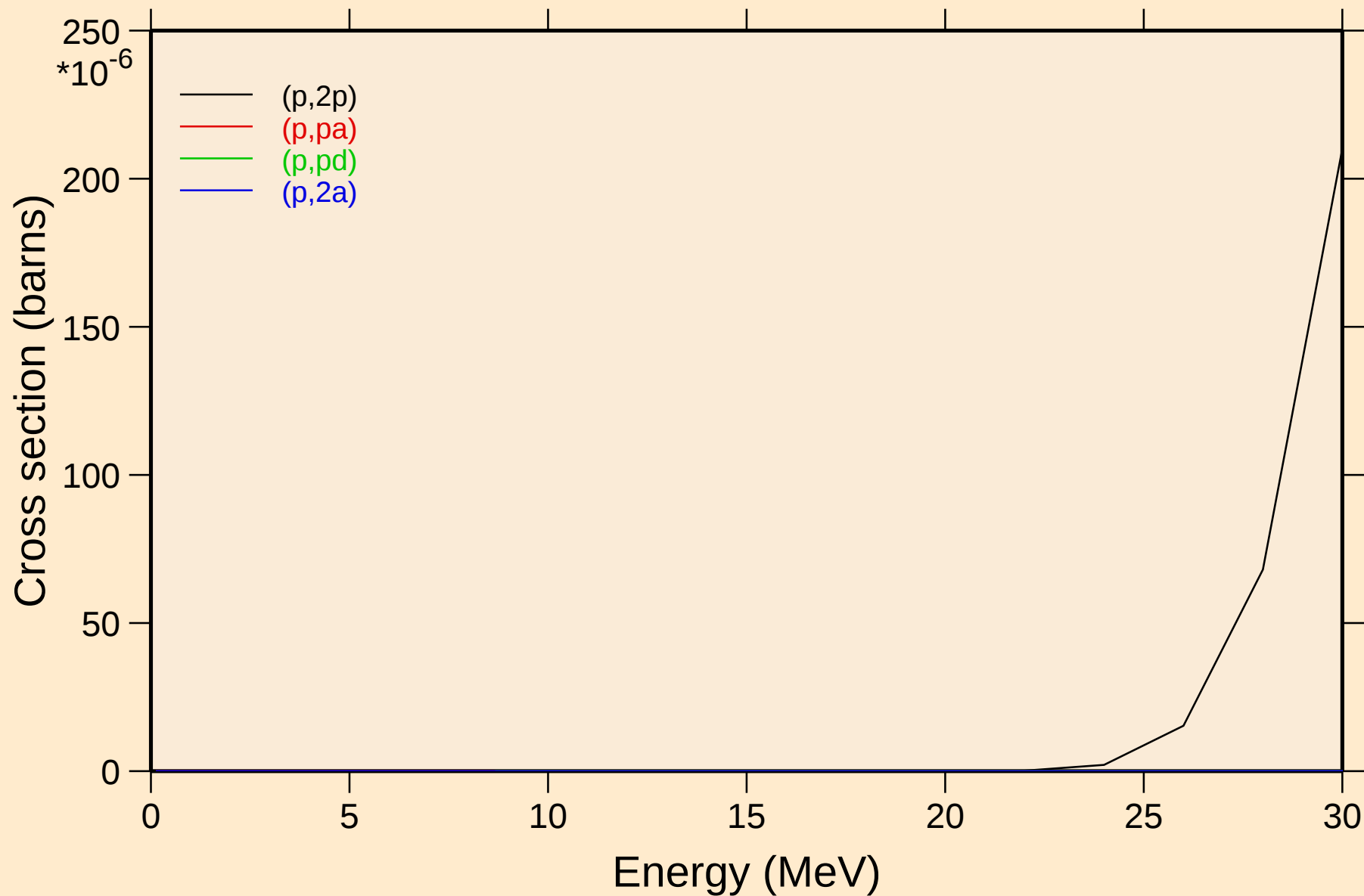


PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



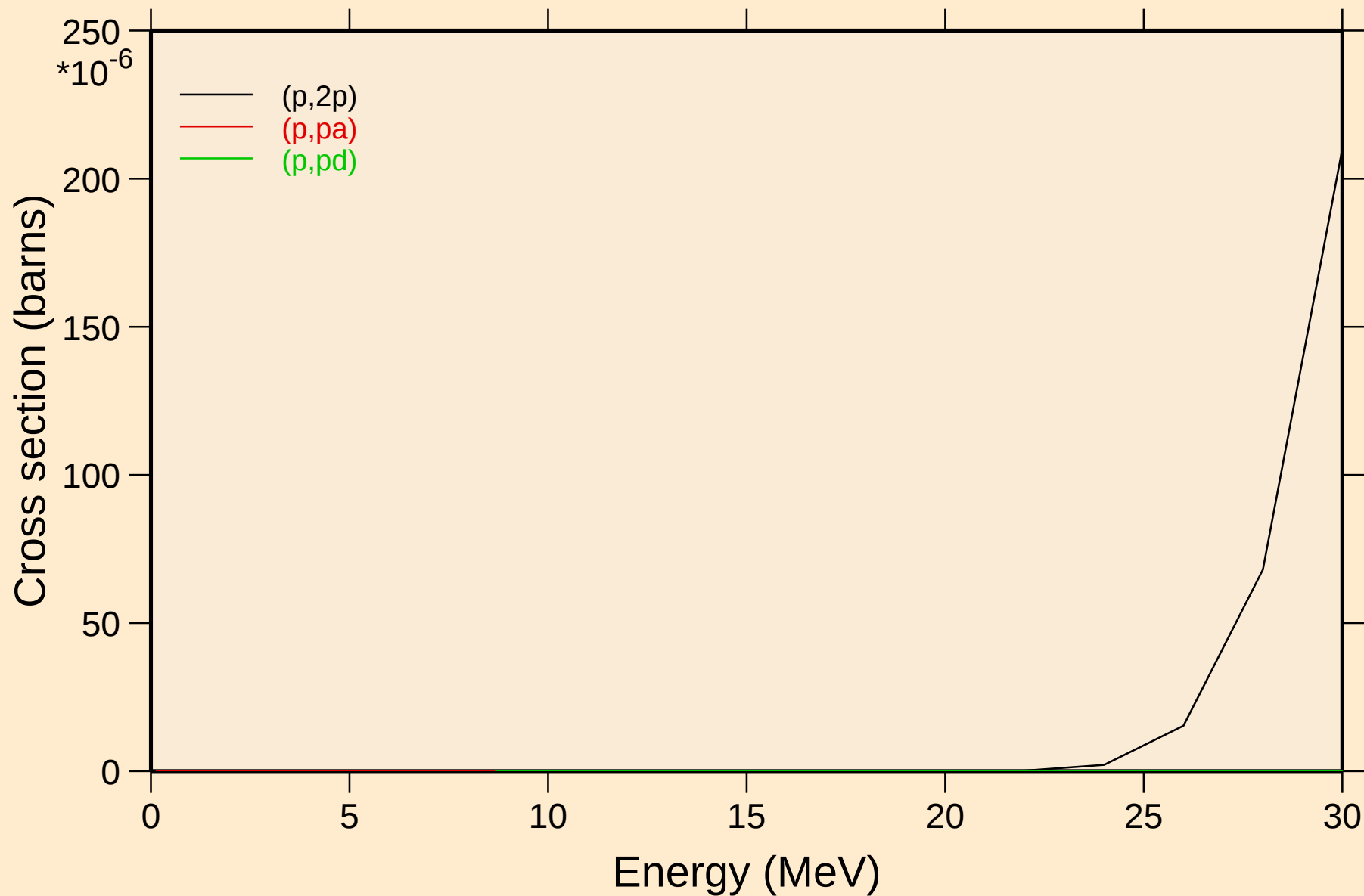
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

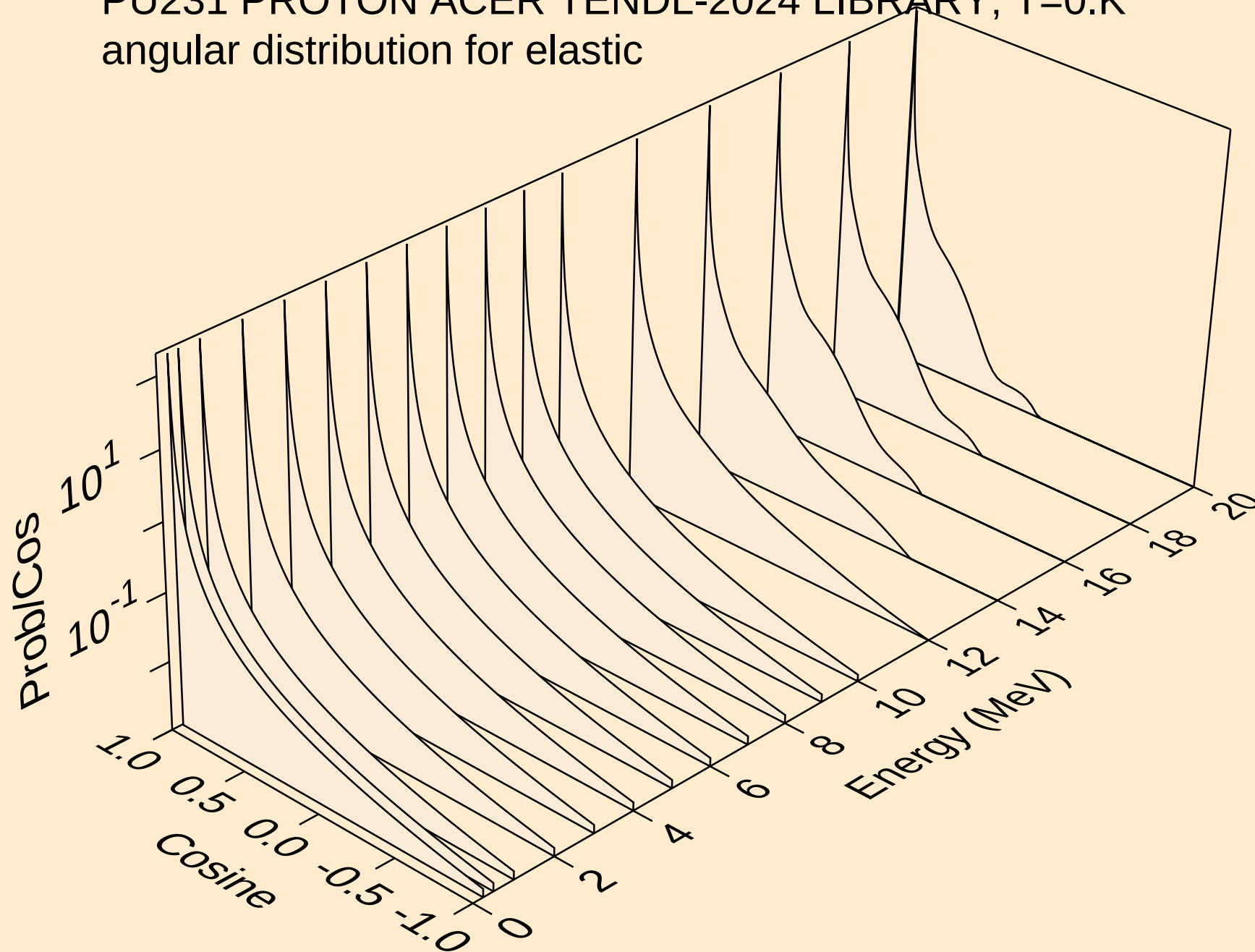


PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

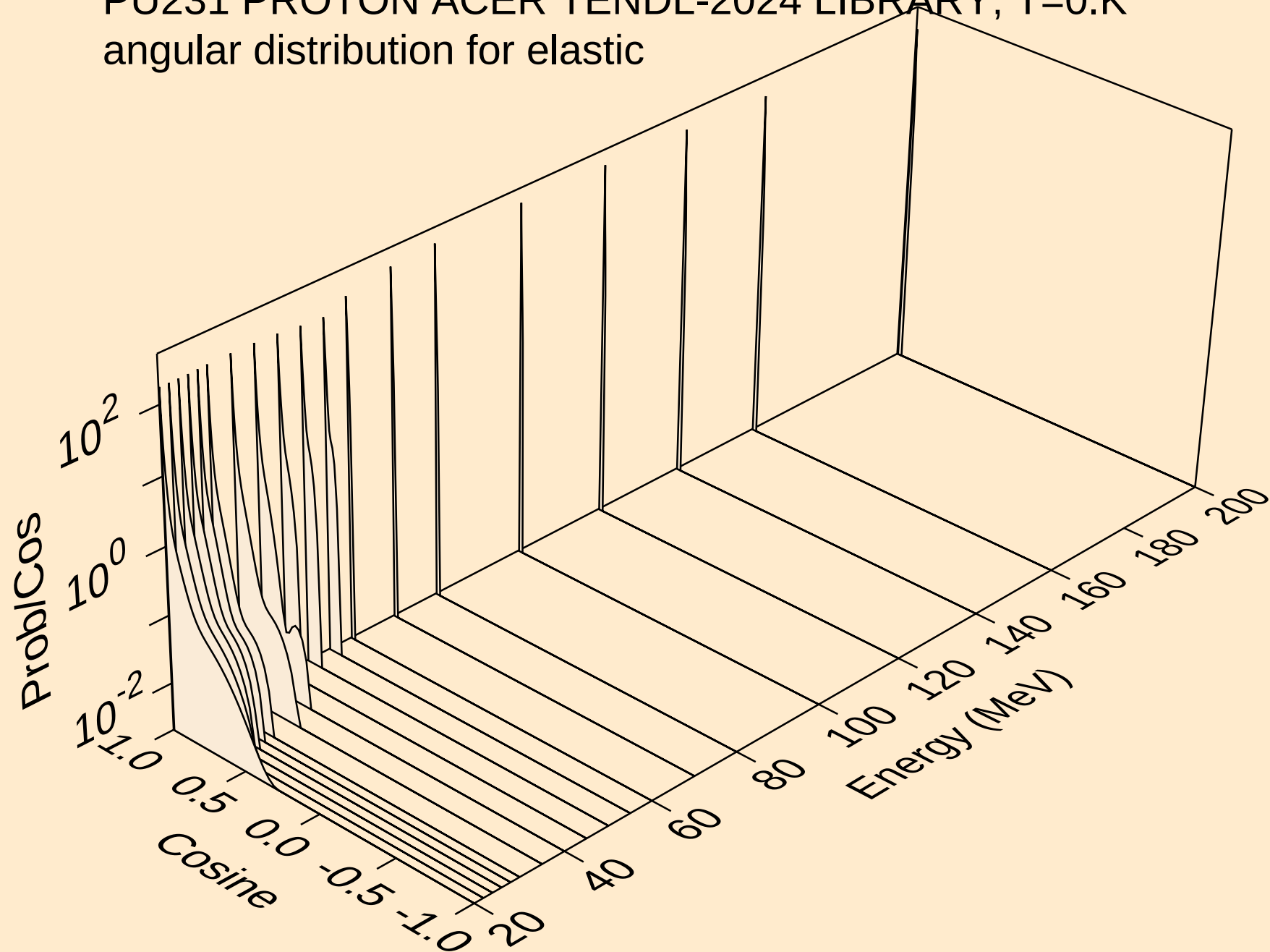
Threshold reactions



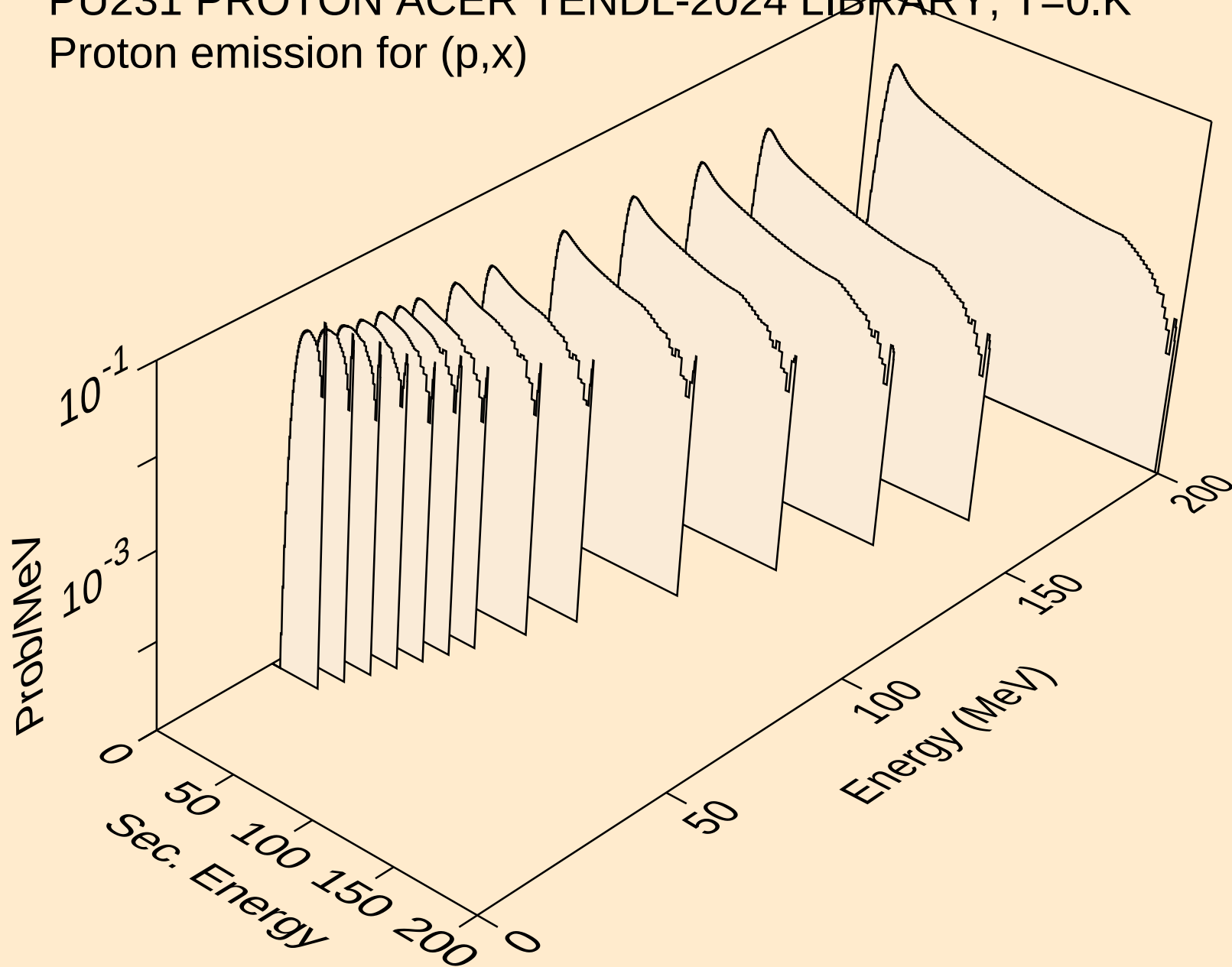
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

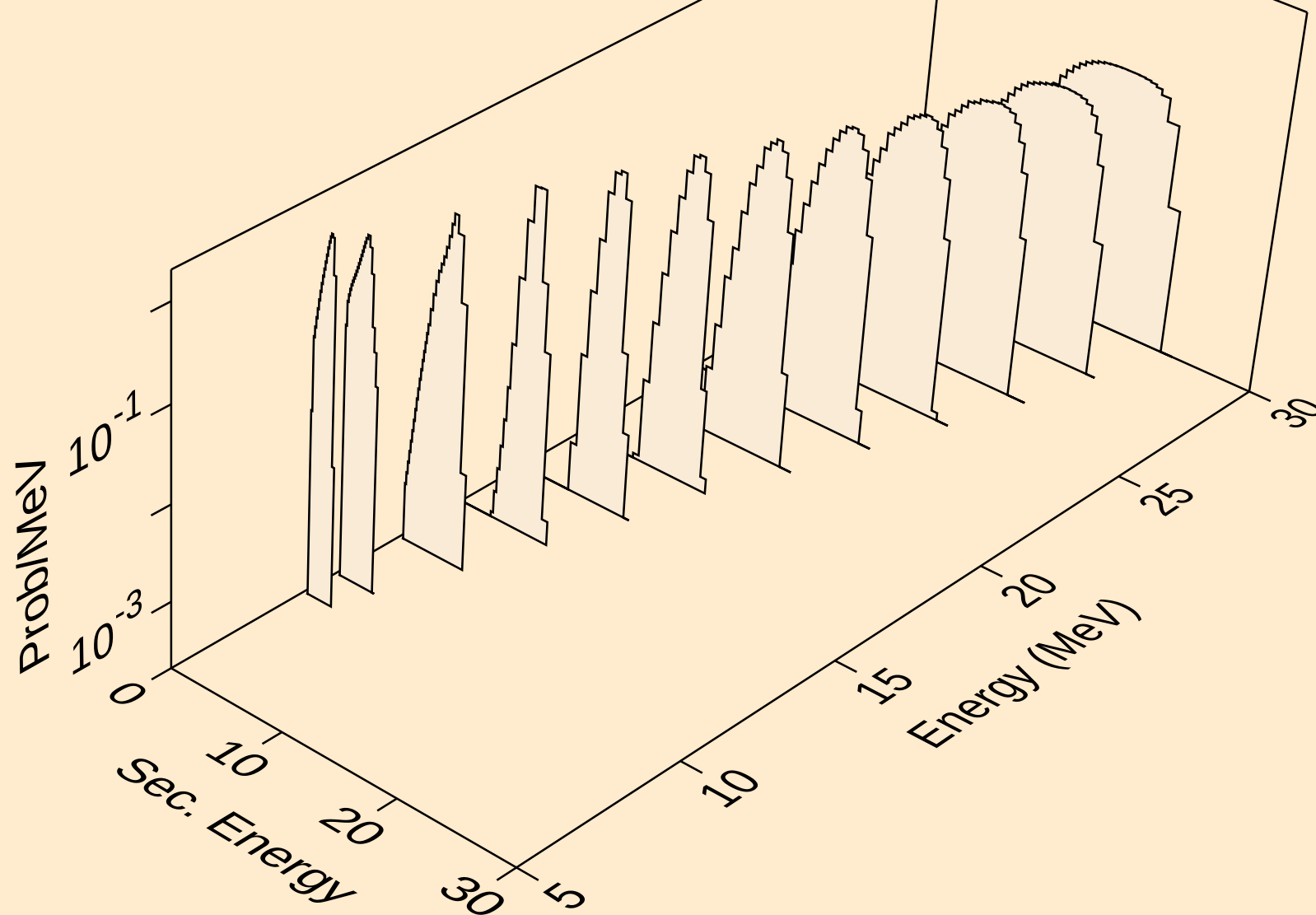


PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,x)

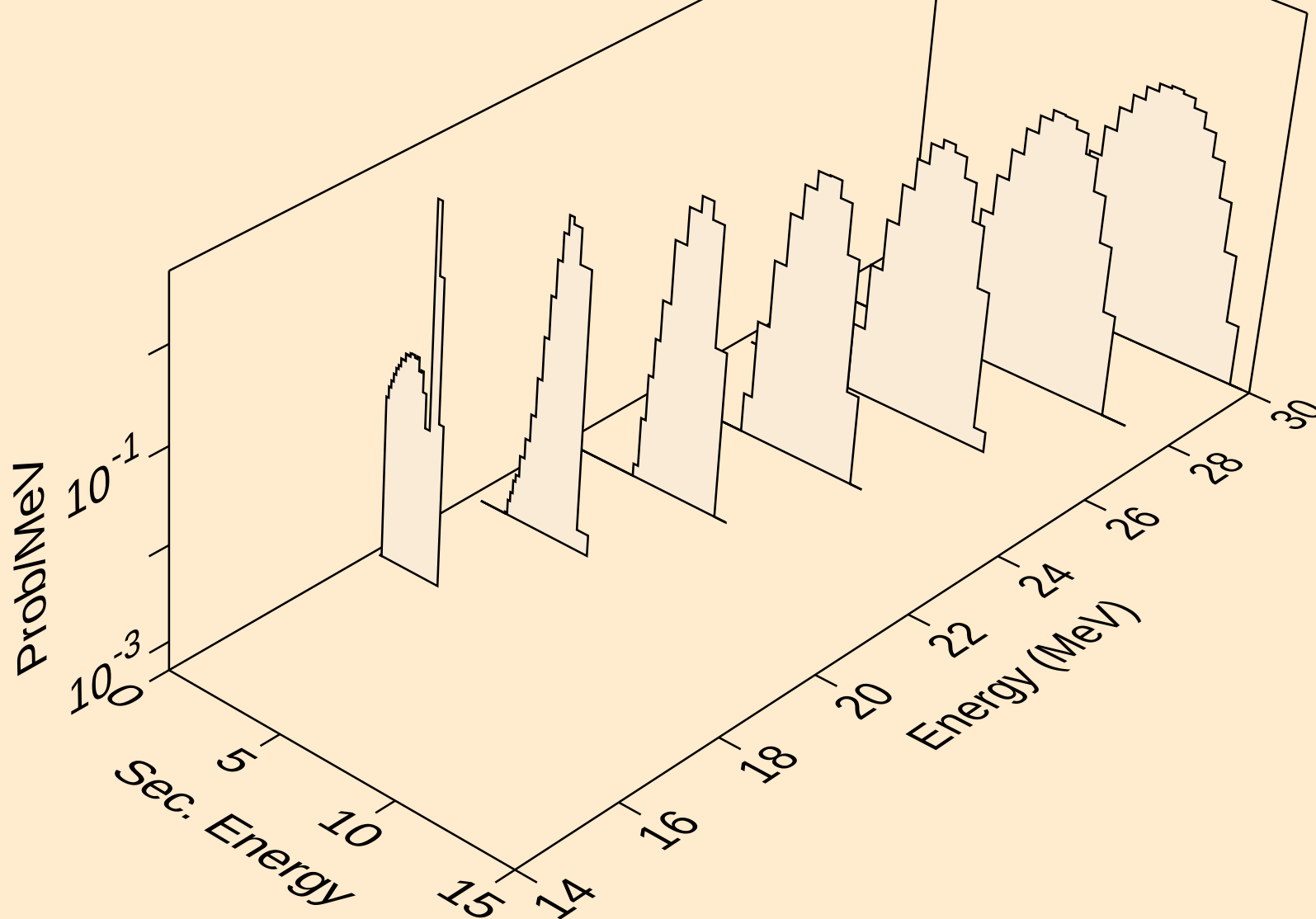


PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

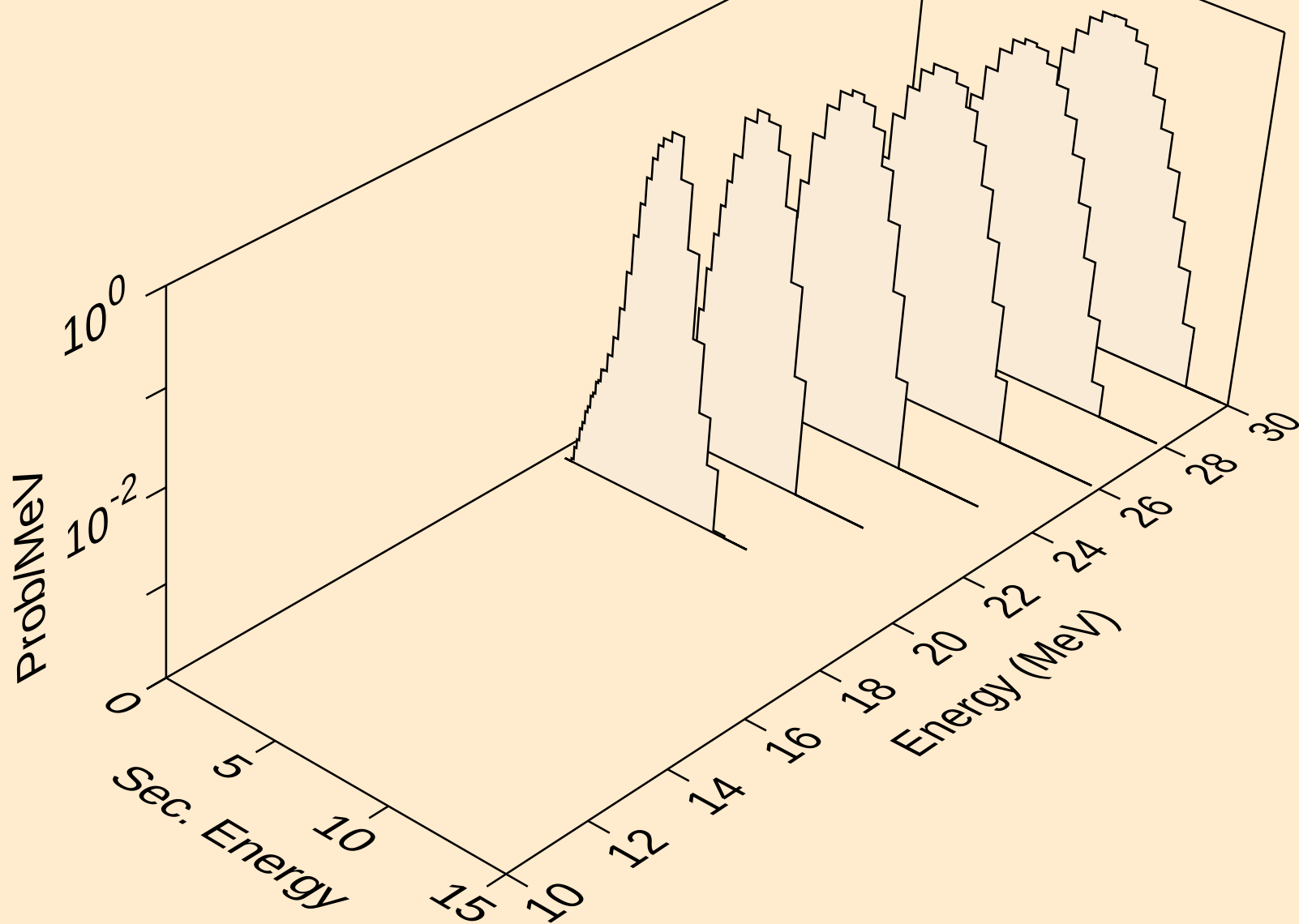
Proton emission for (p,n*)p



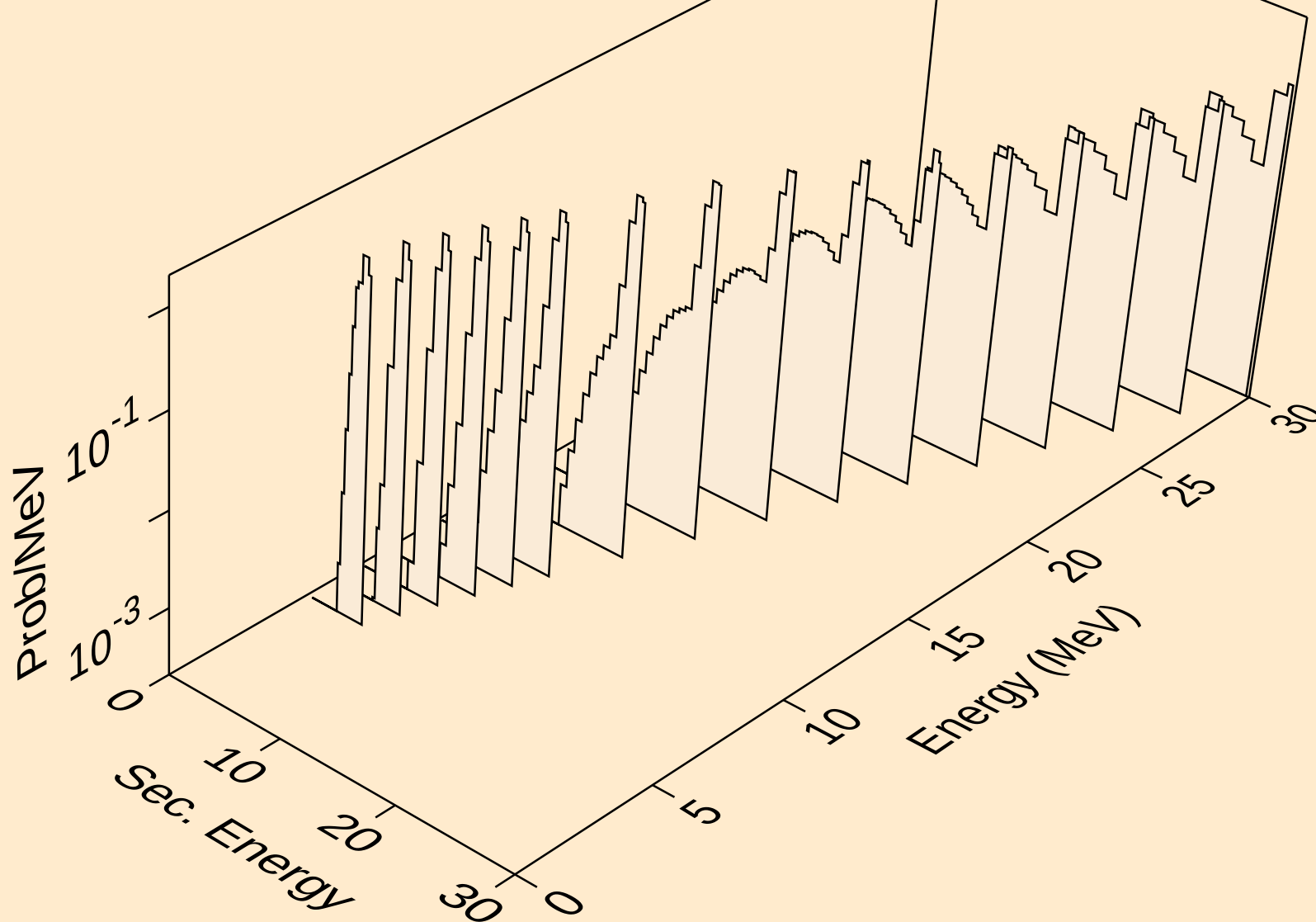
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2np)



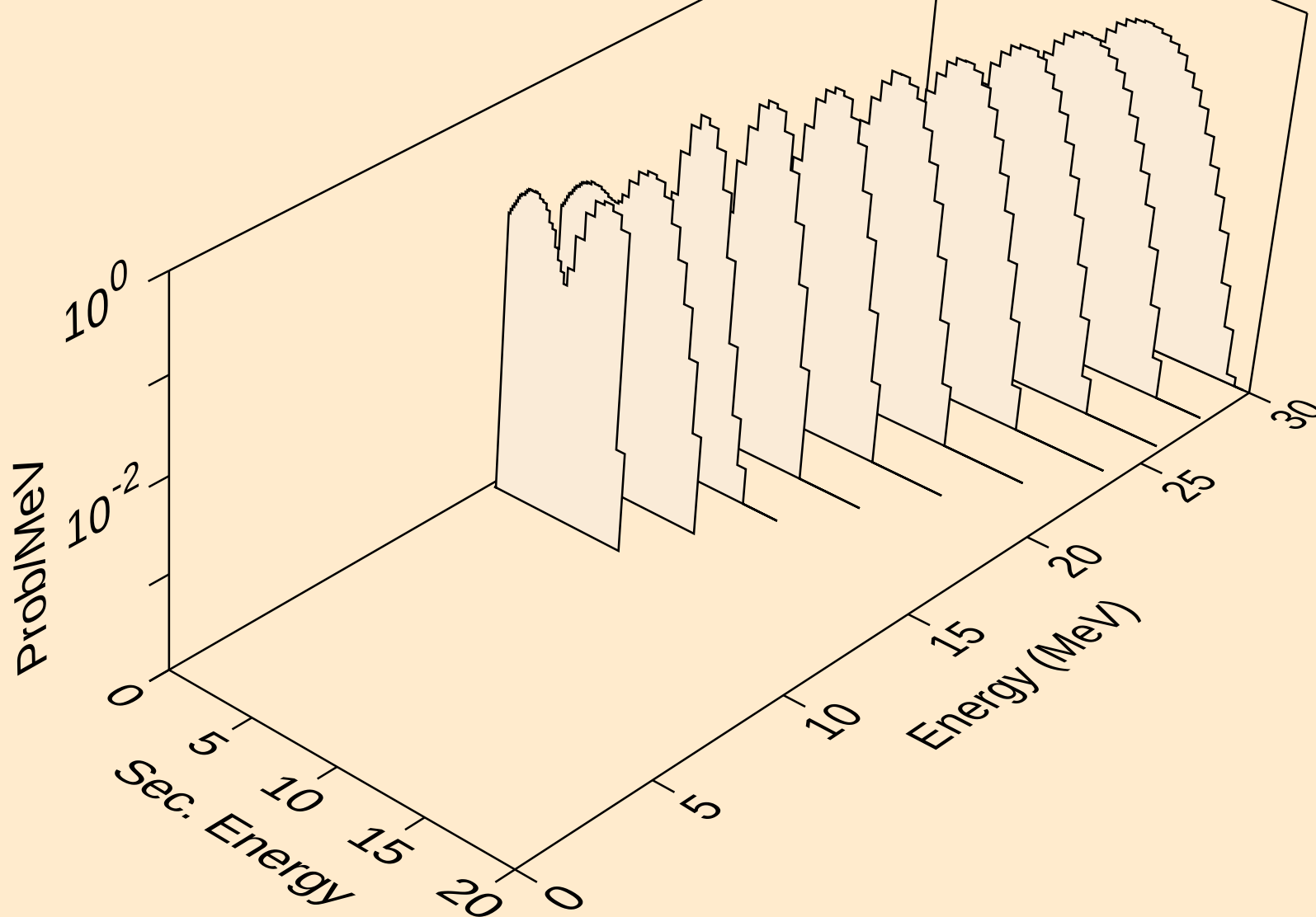
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,n2p)



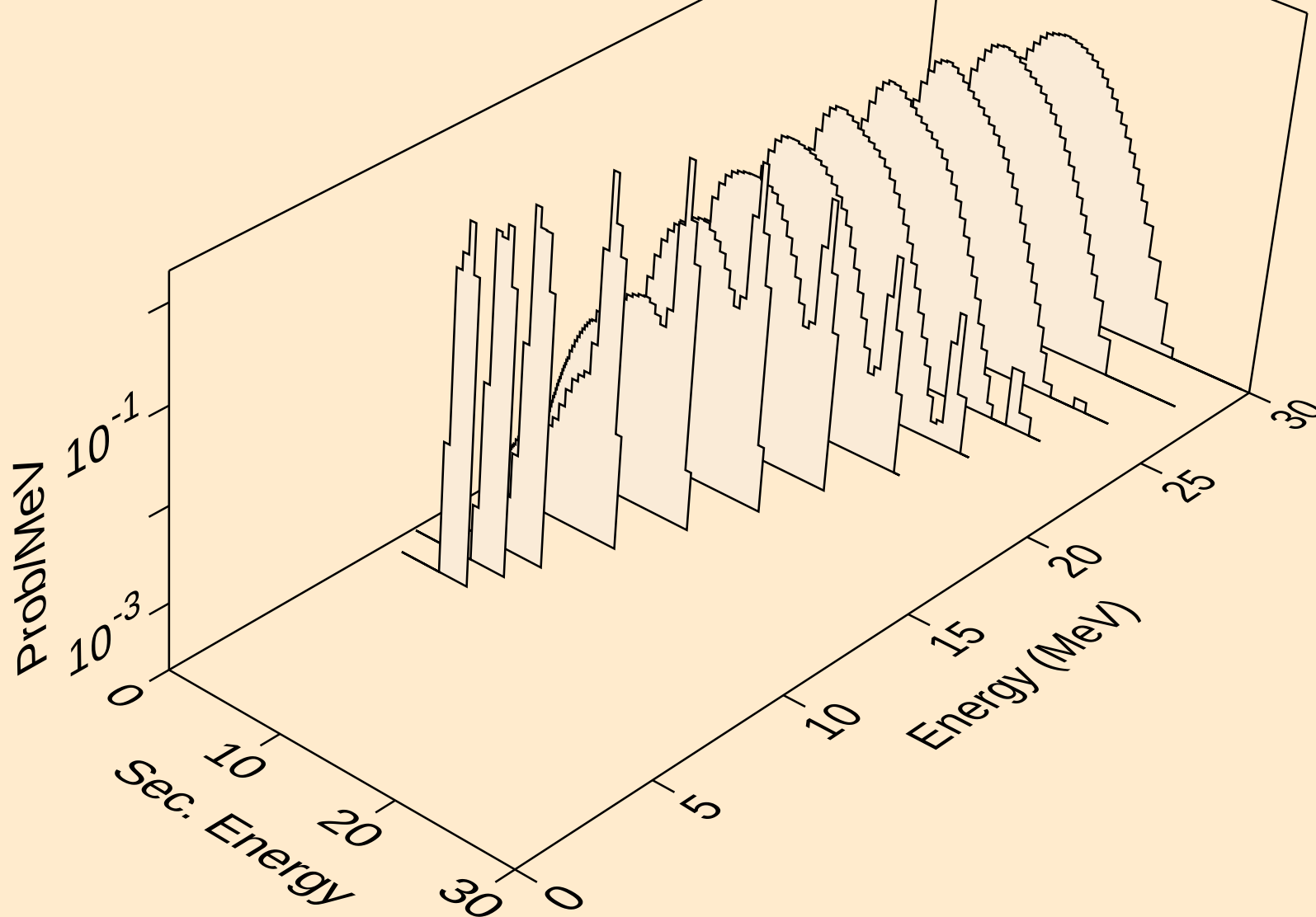
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for inelastic



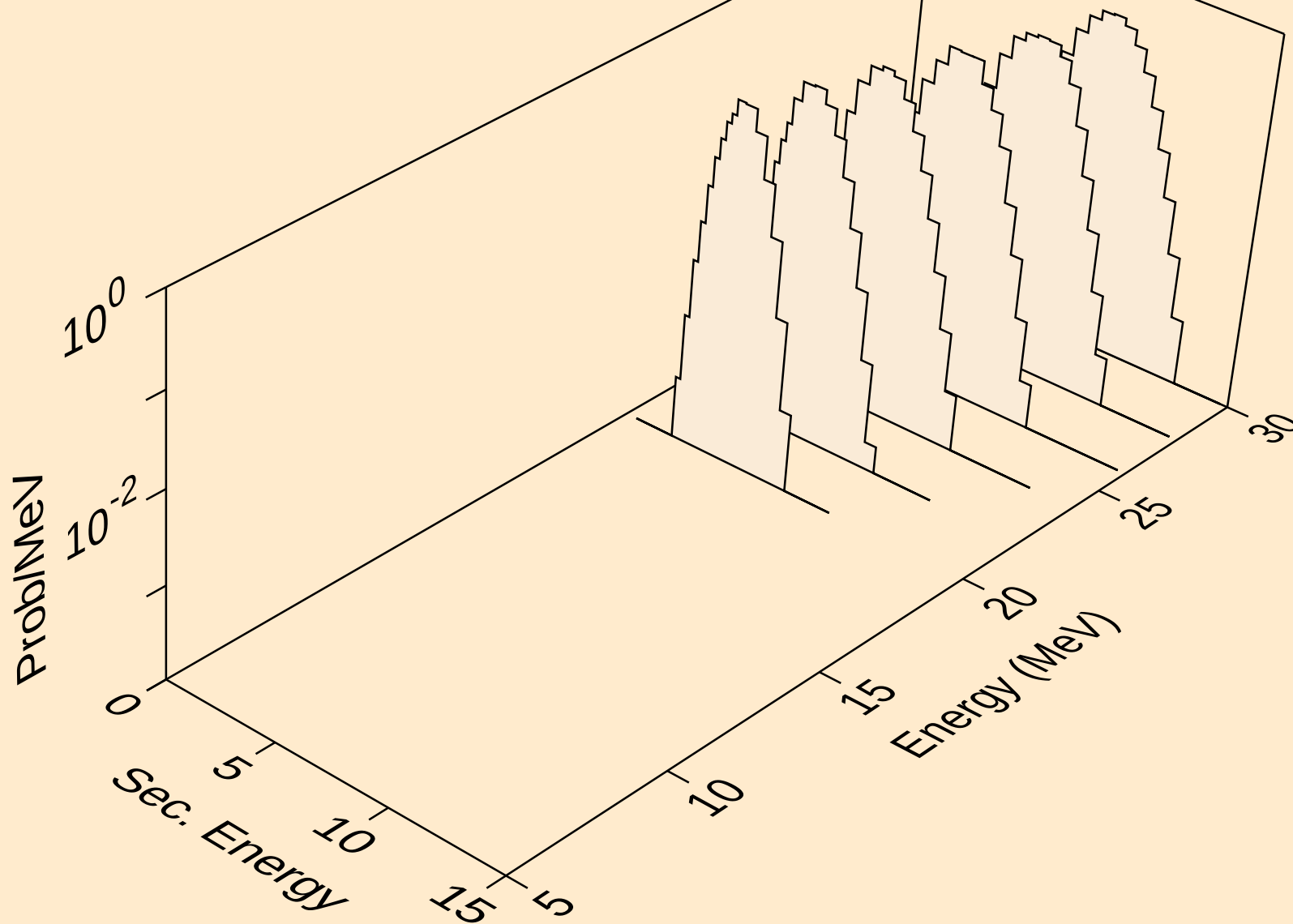
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2p)



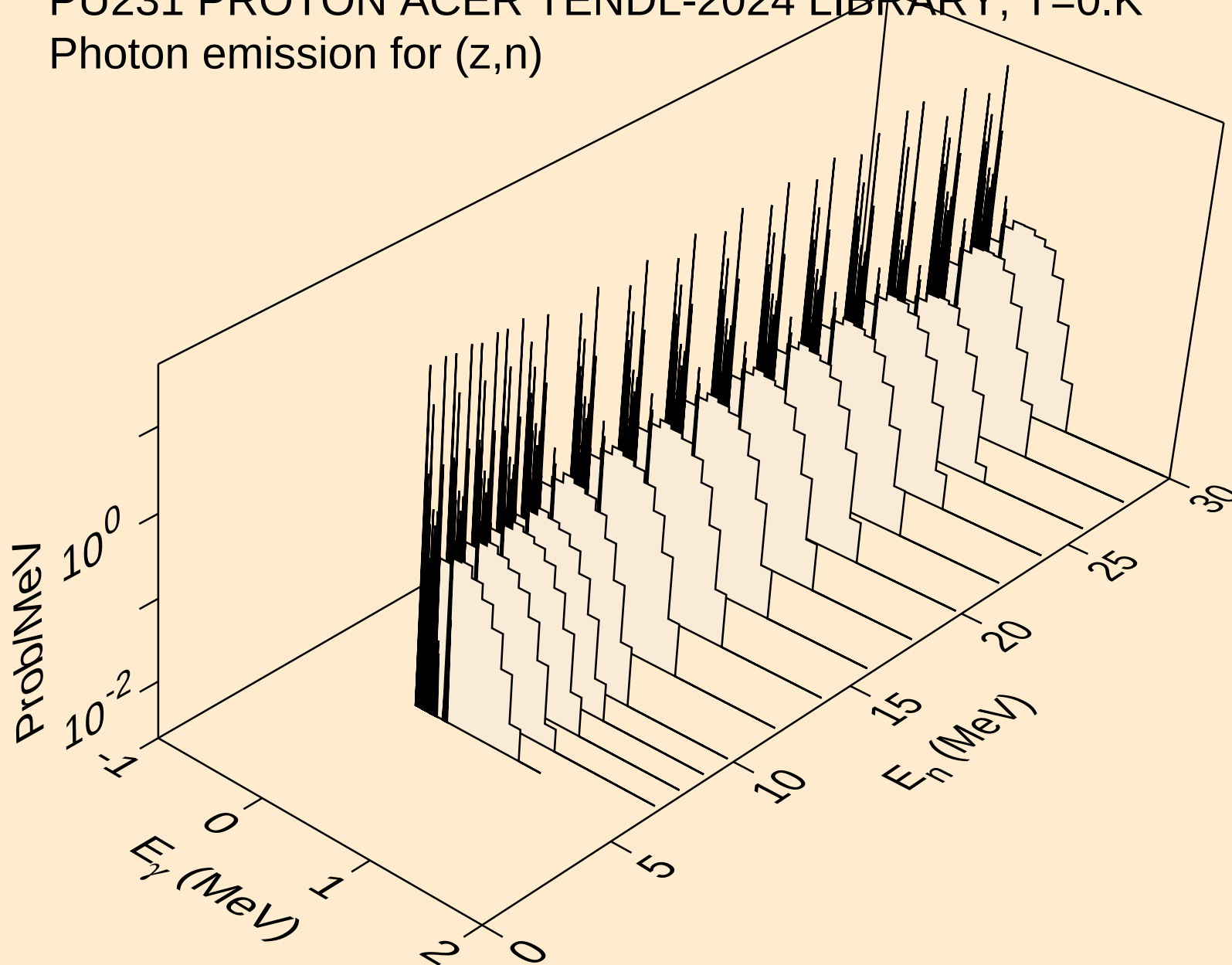
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pa)



PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pd)

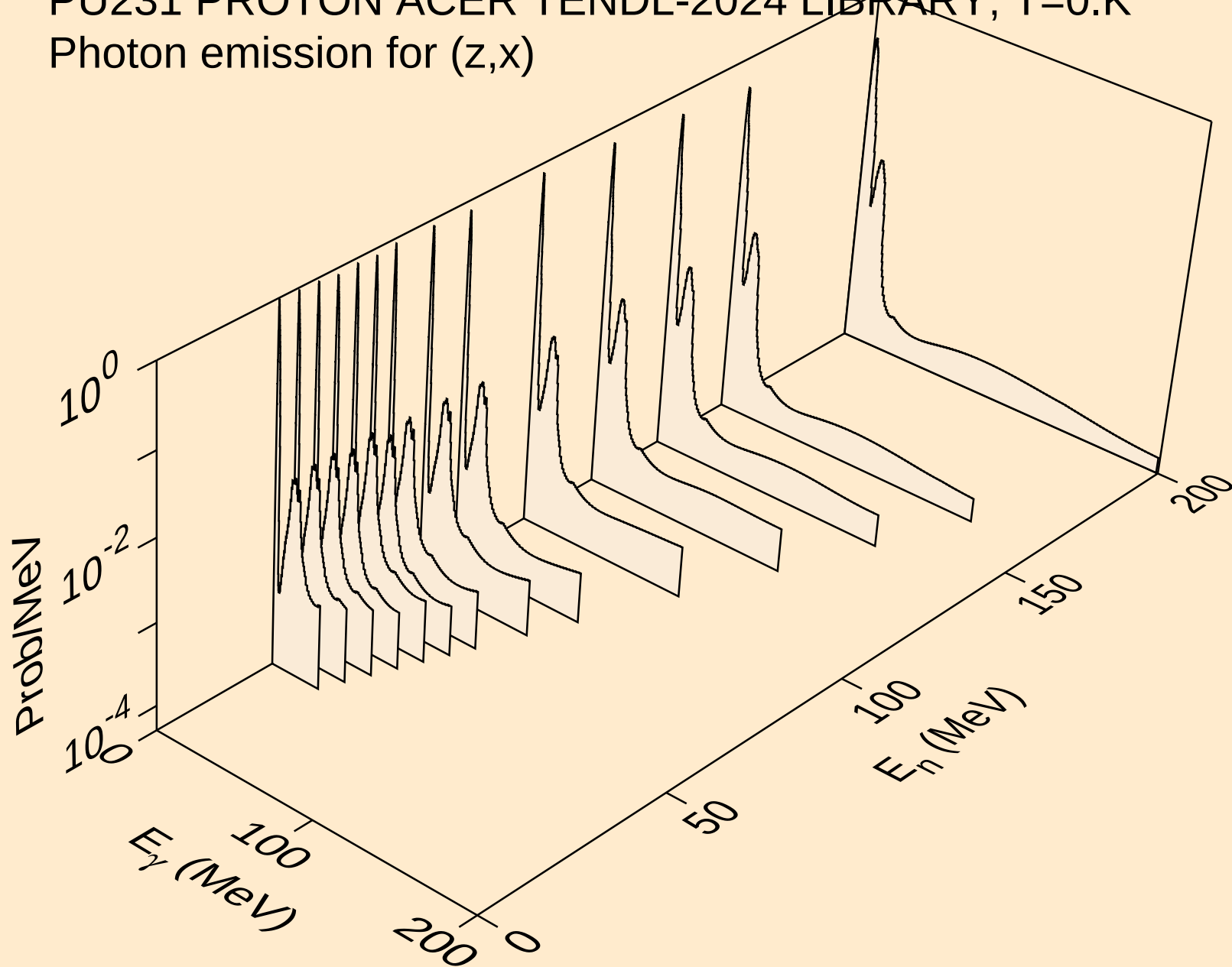


PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

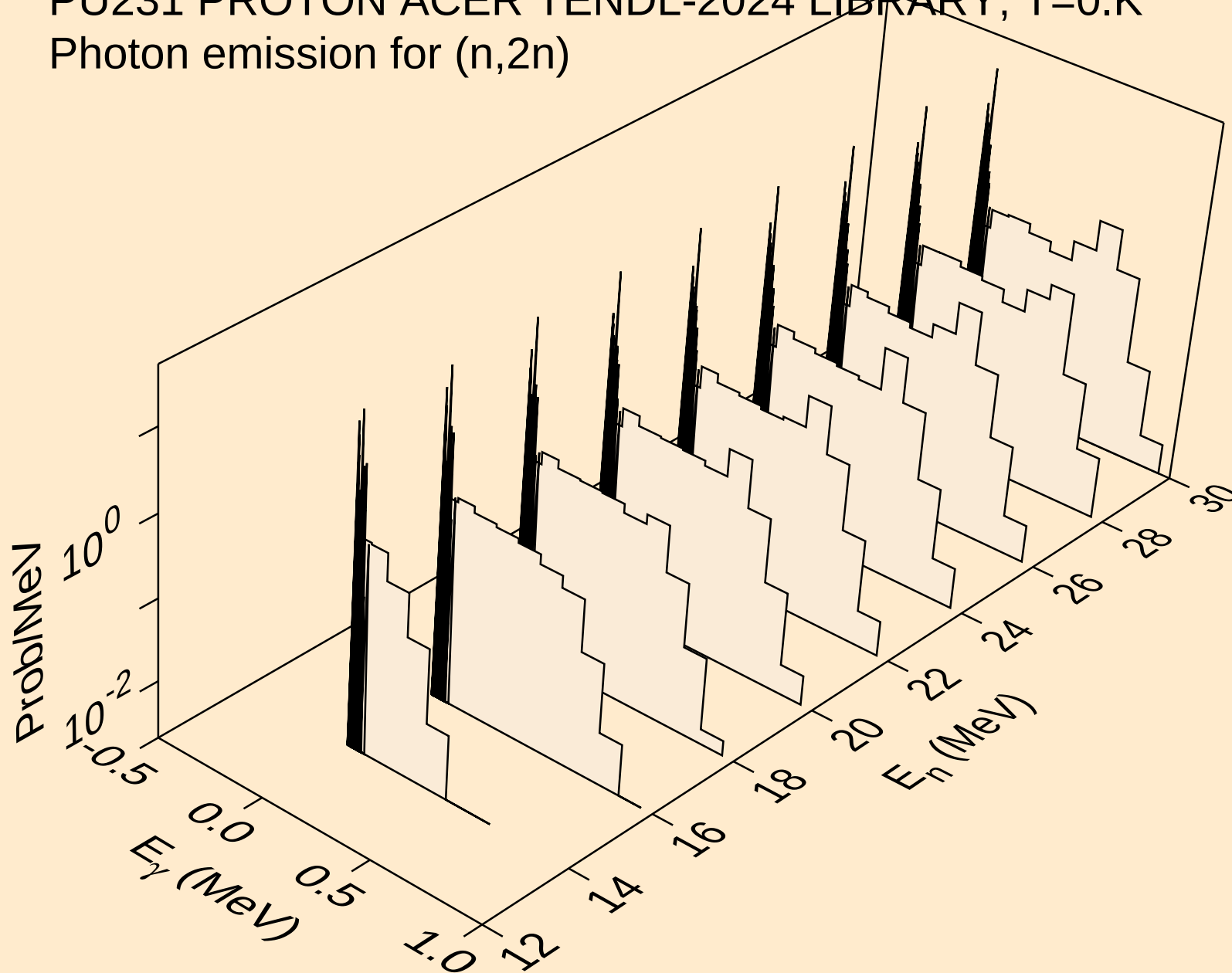


PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

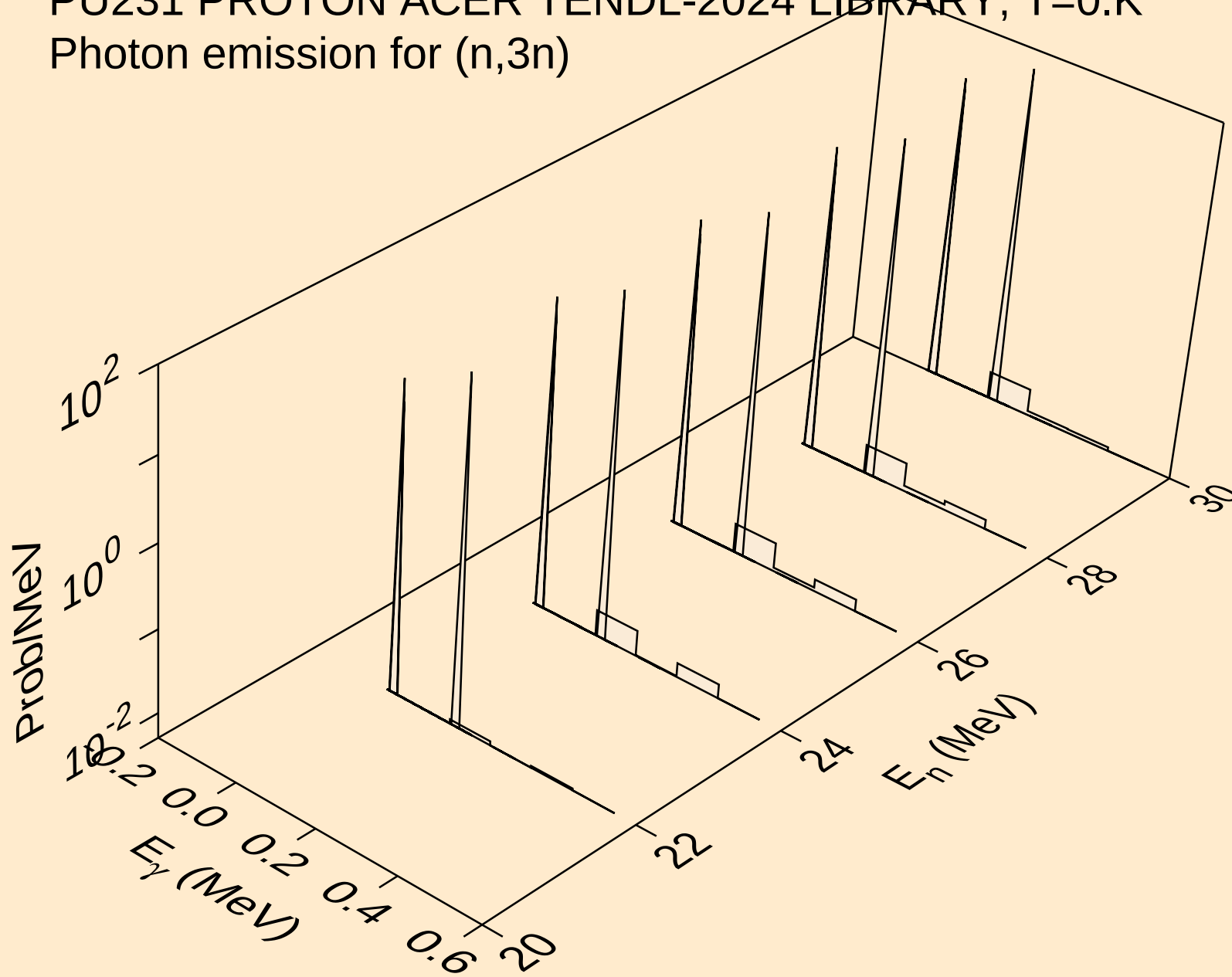
Photon emission for (z,x)



PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)

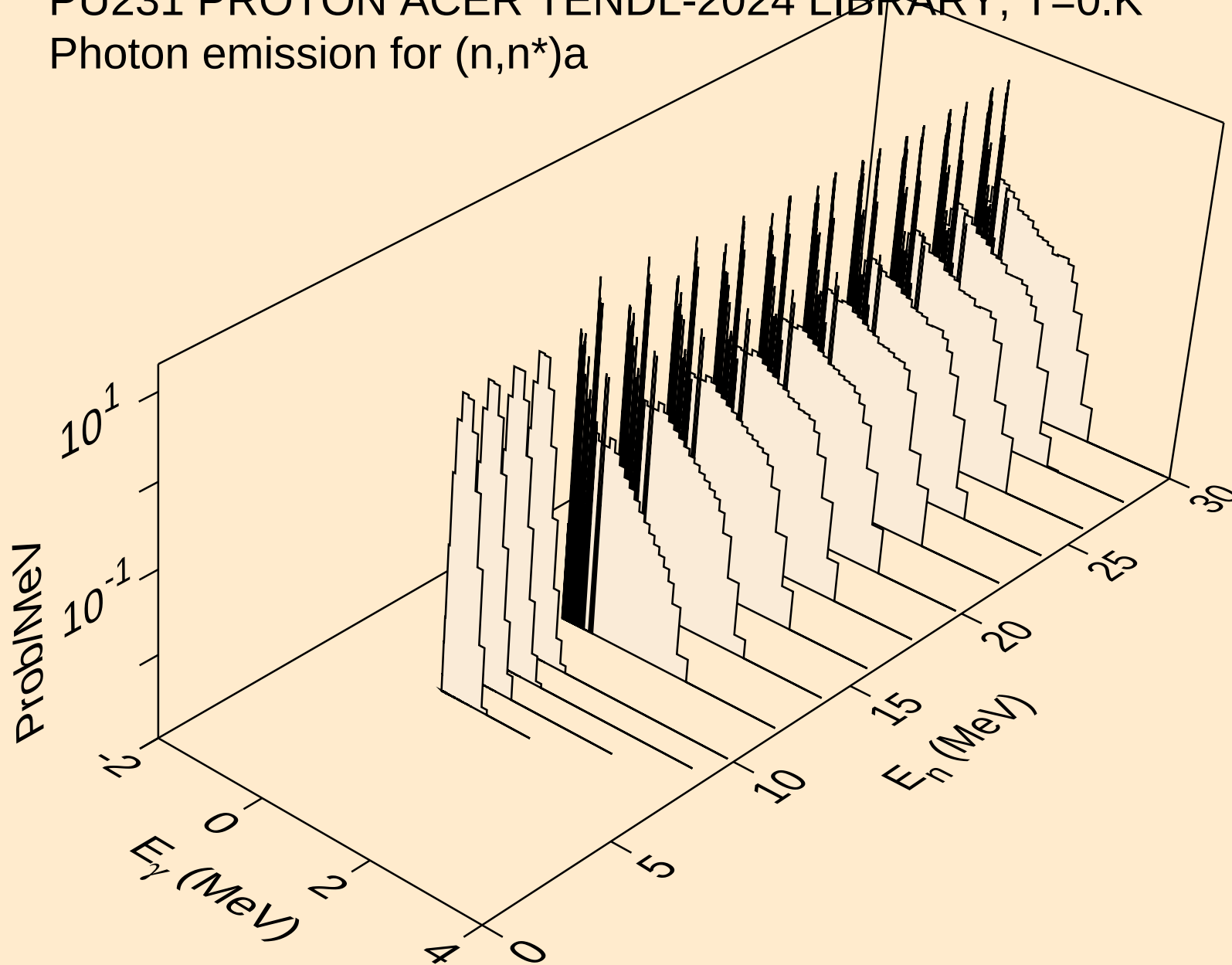


PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



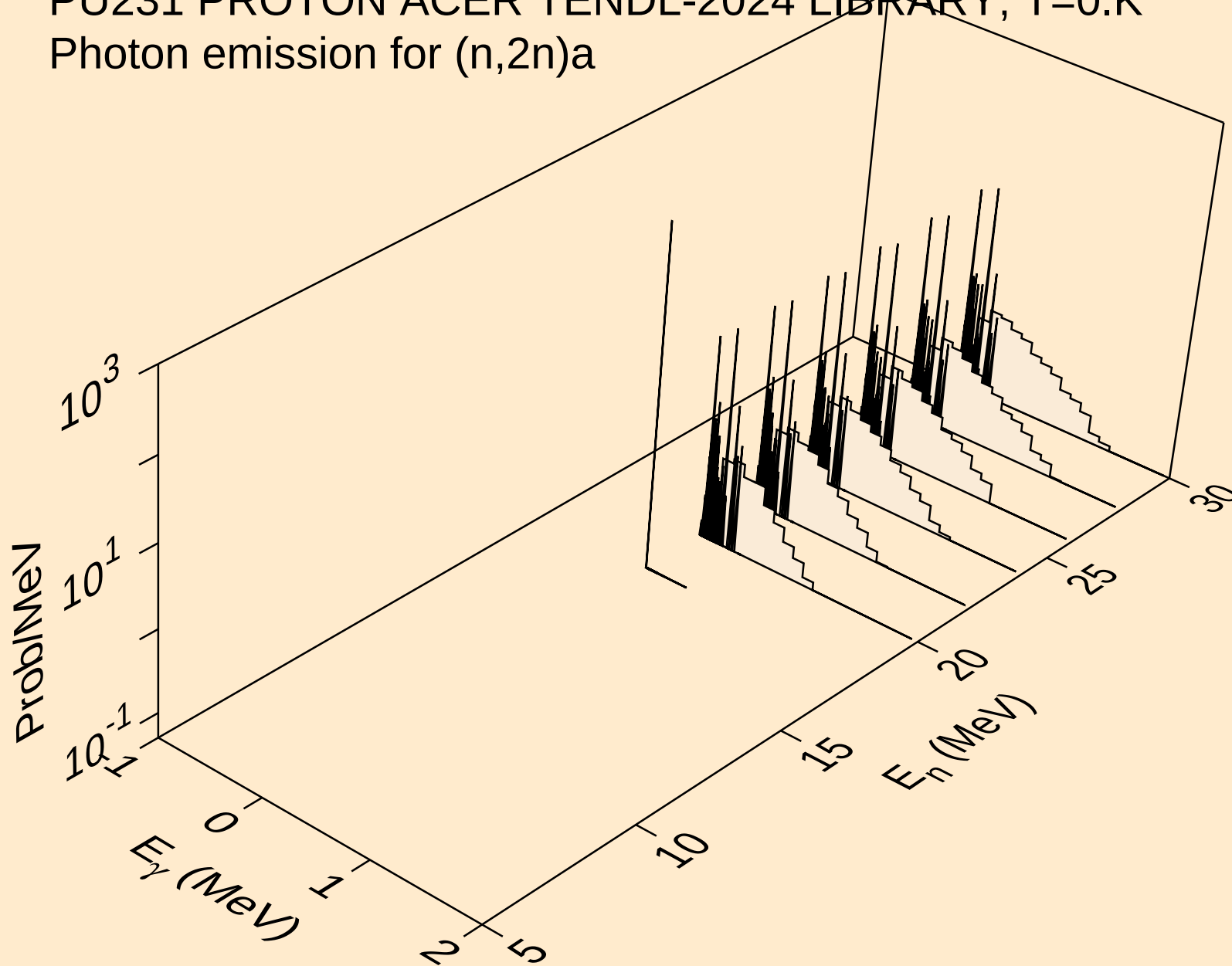
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a

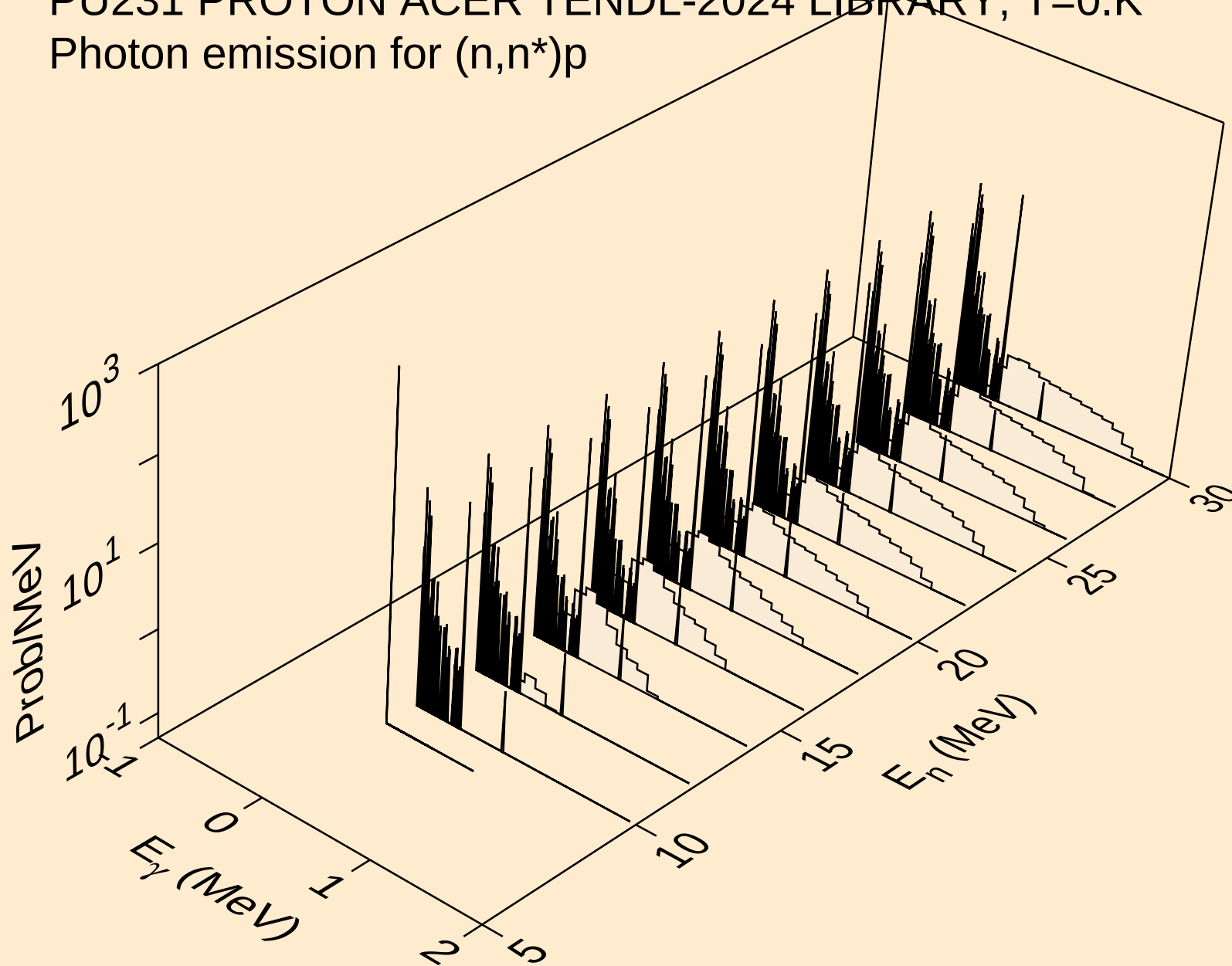


PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α

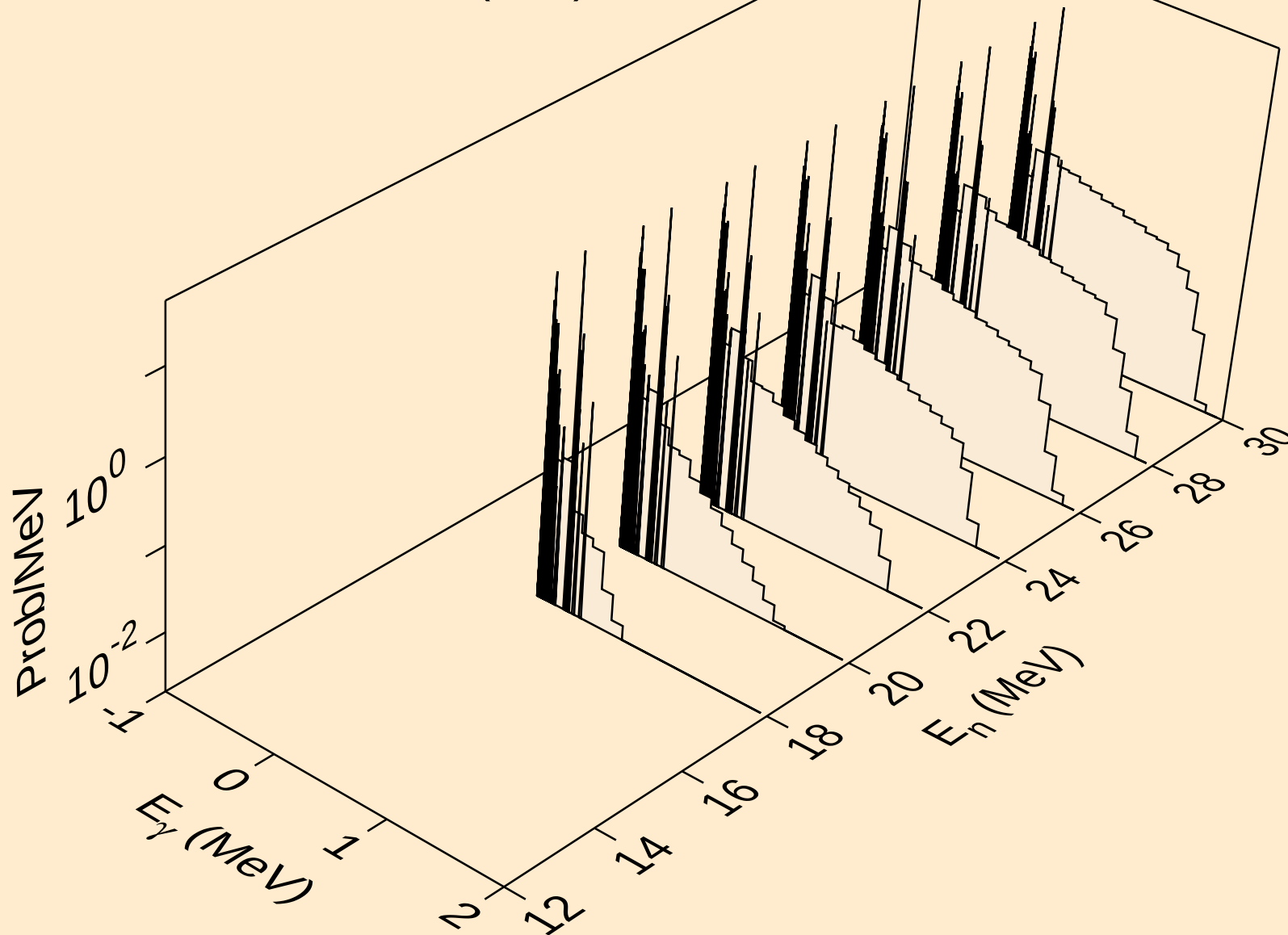


PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



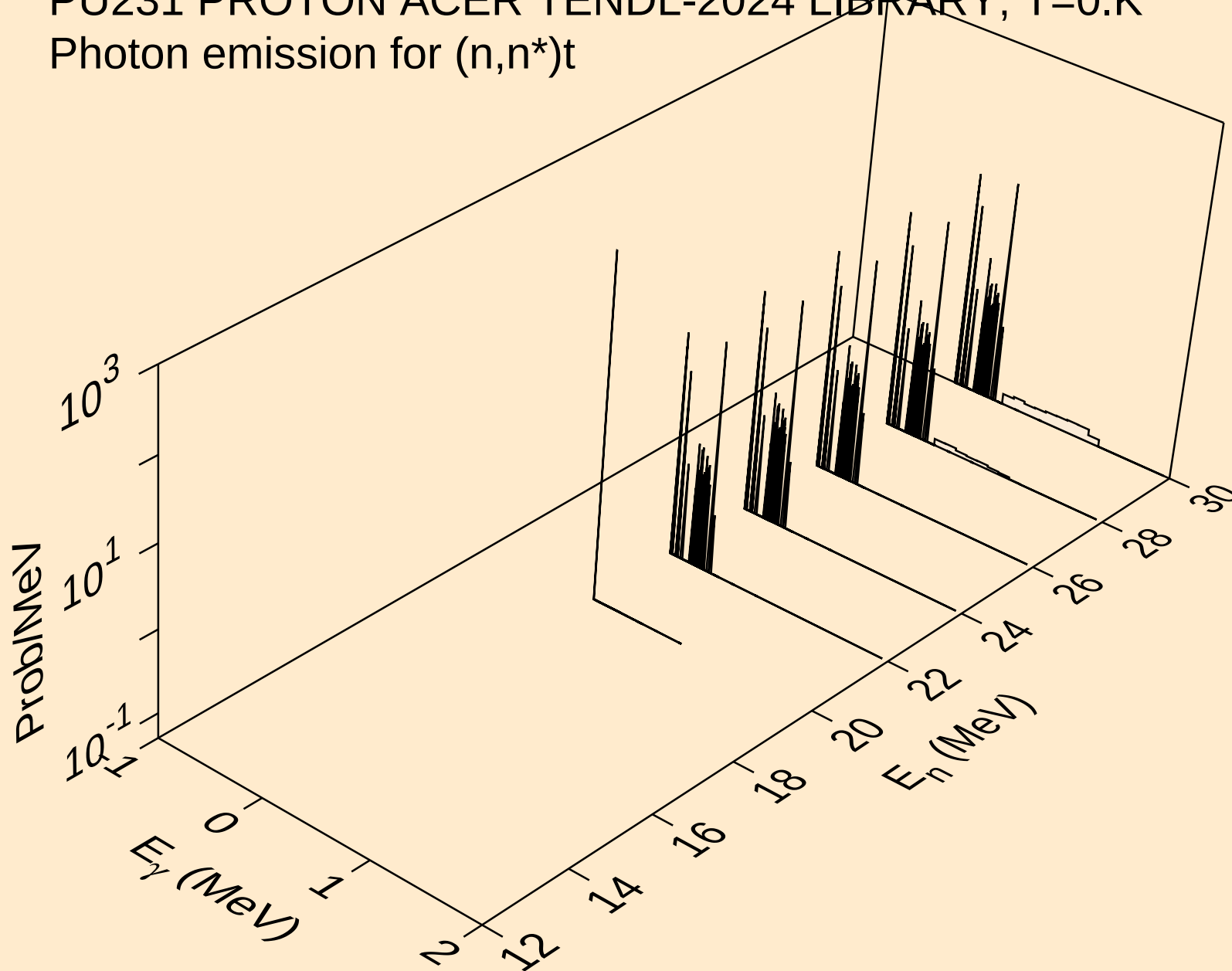
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d

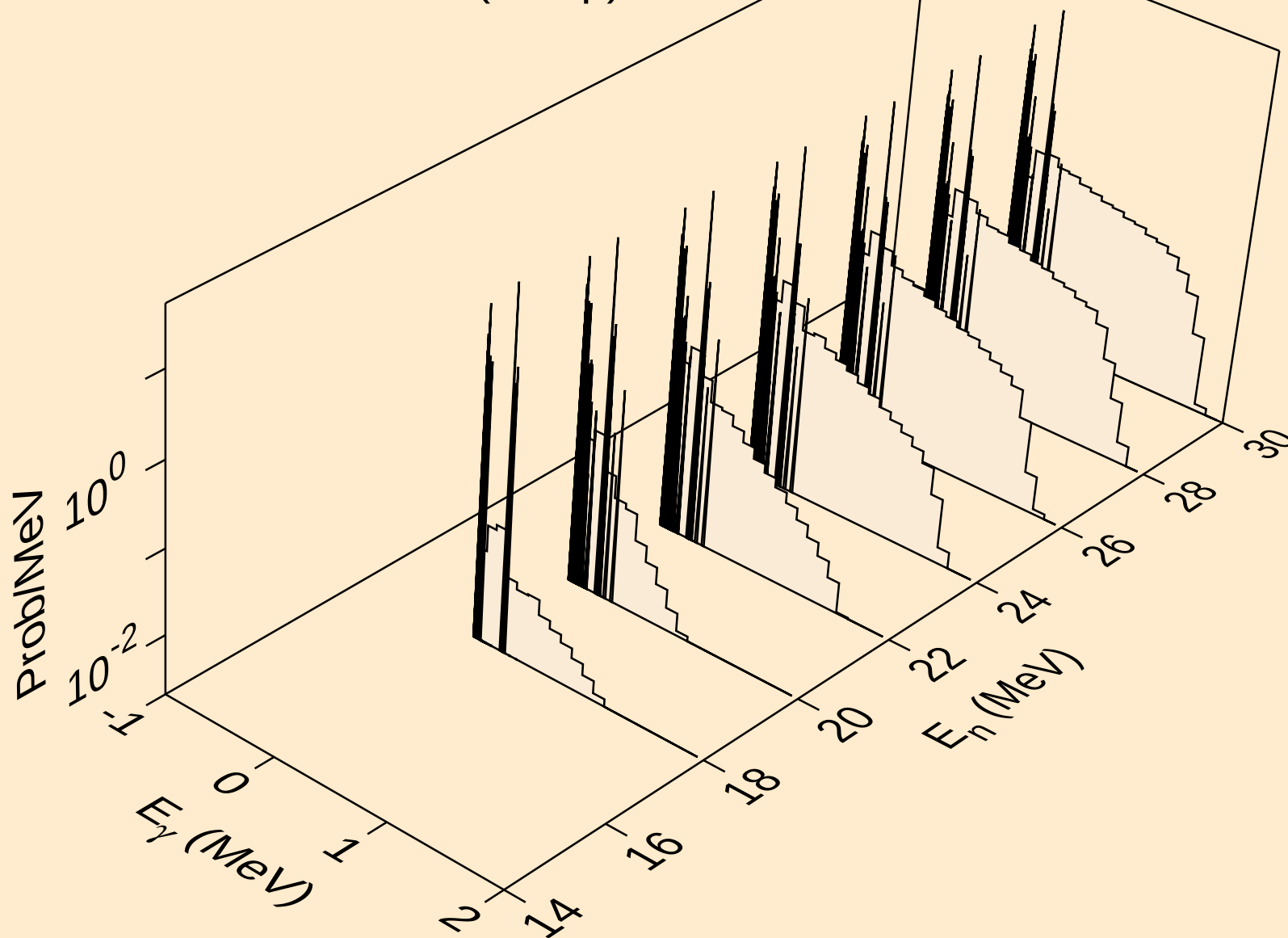


PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

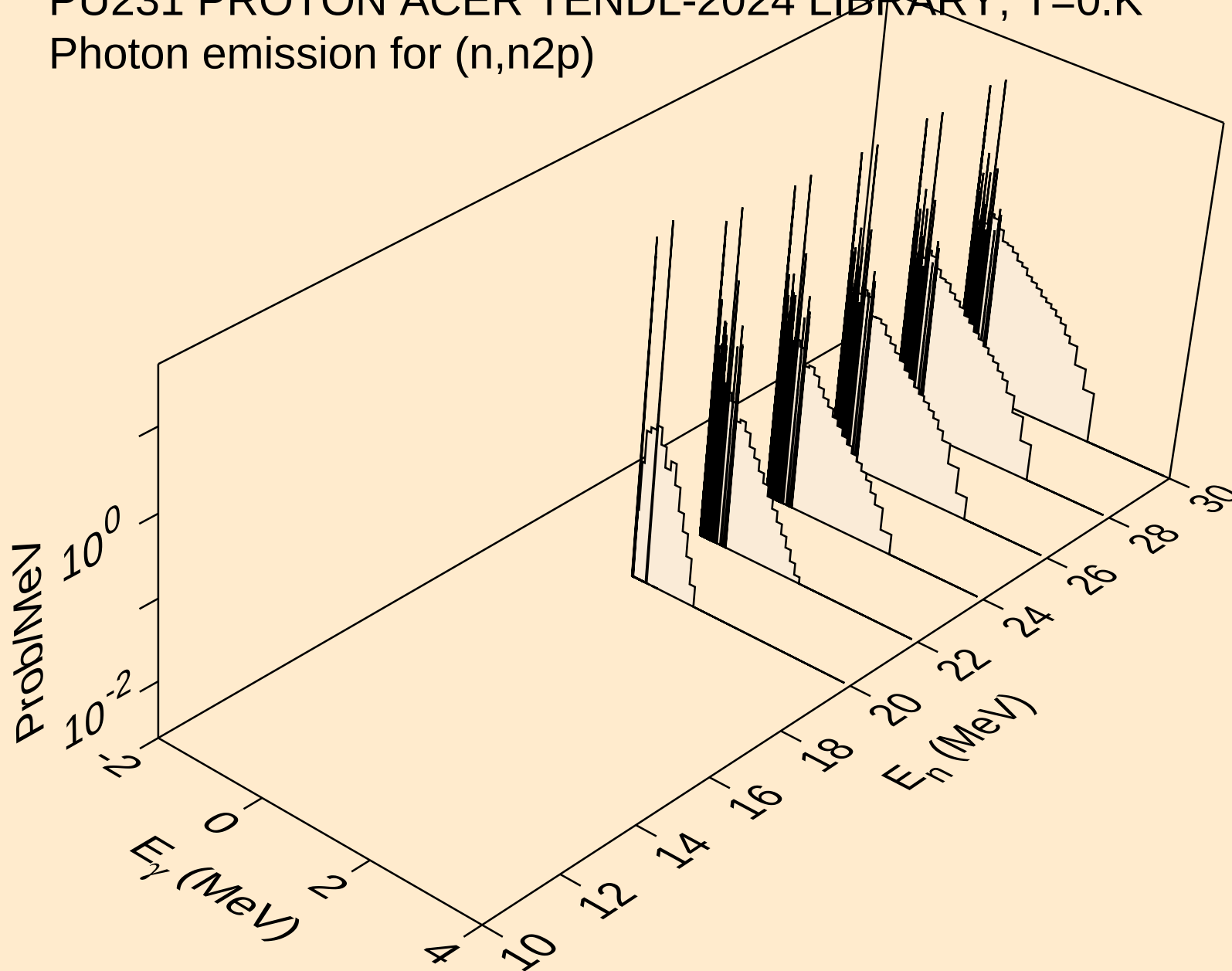
Photon emission for (n,n*)t



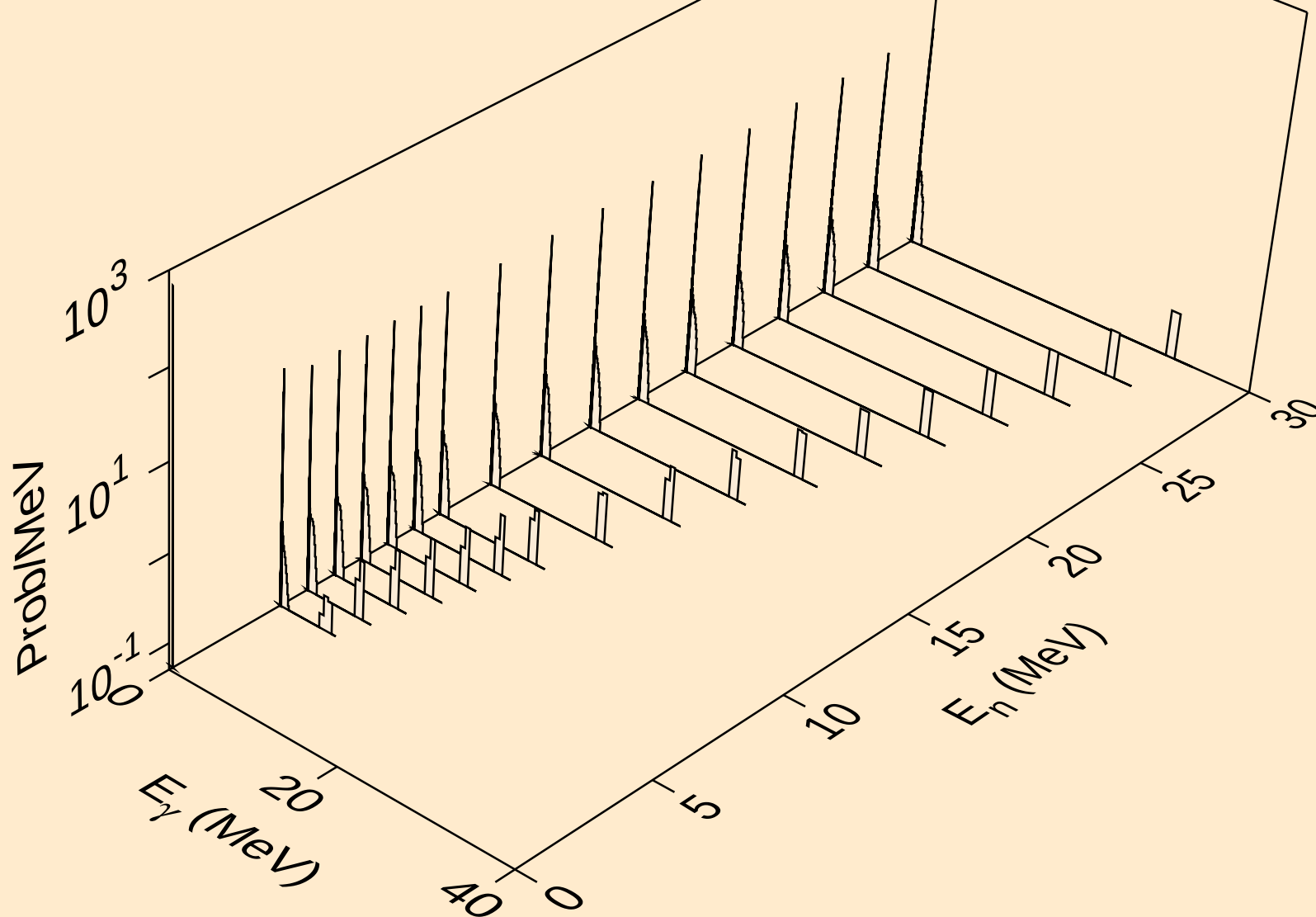
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



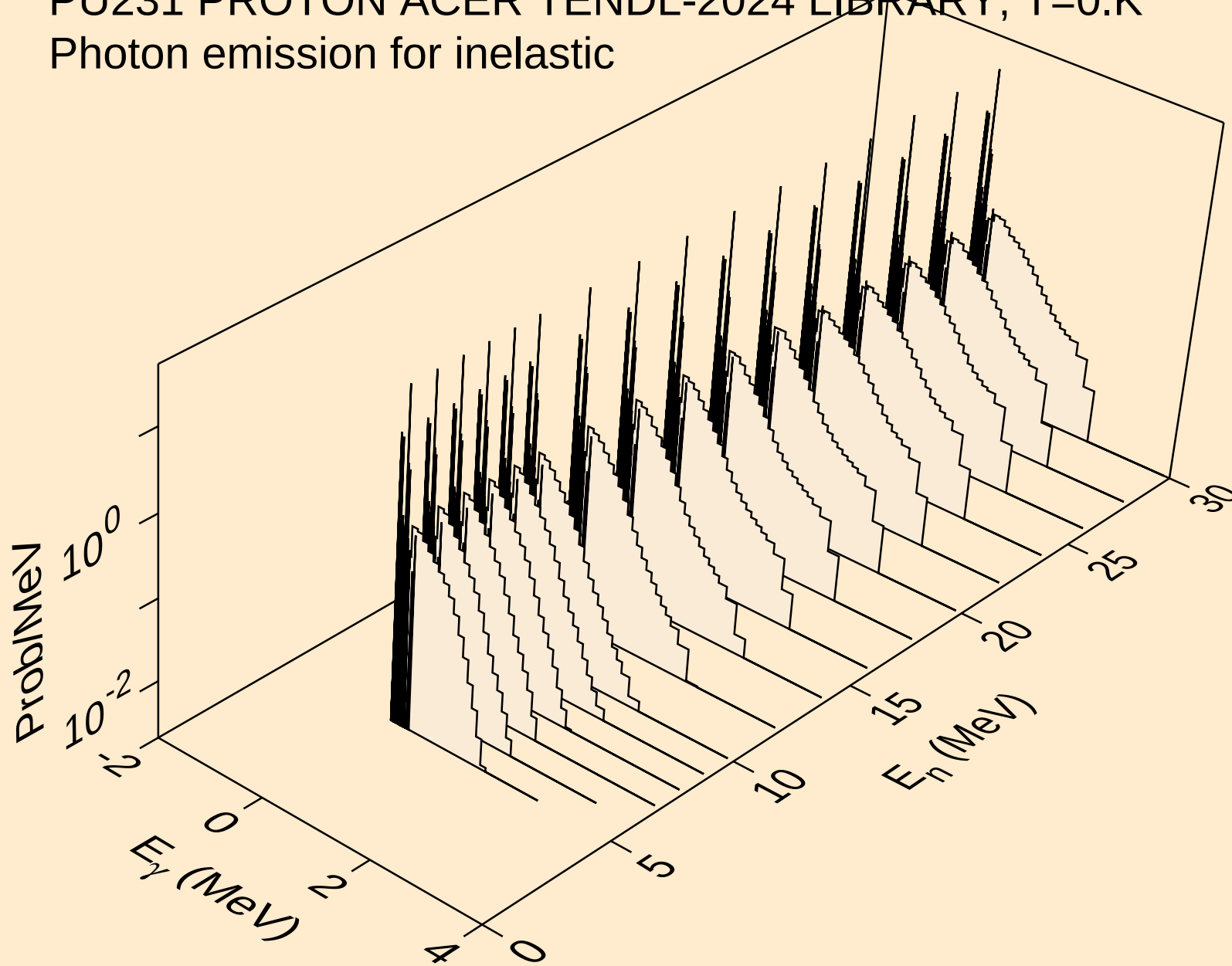
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



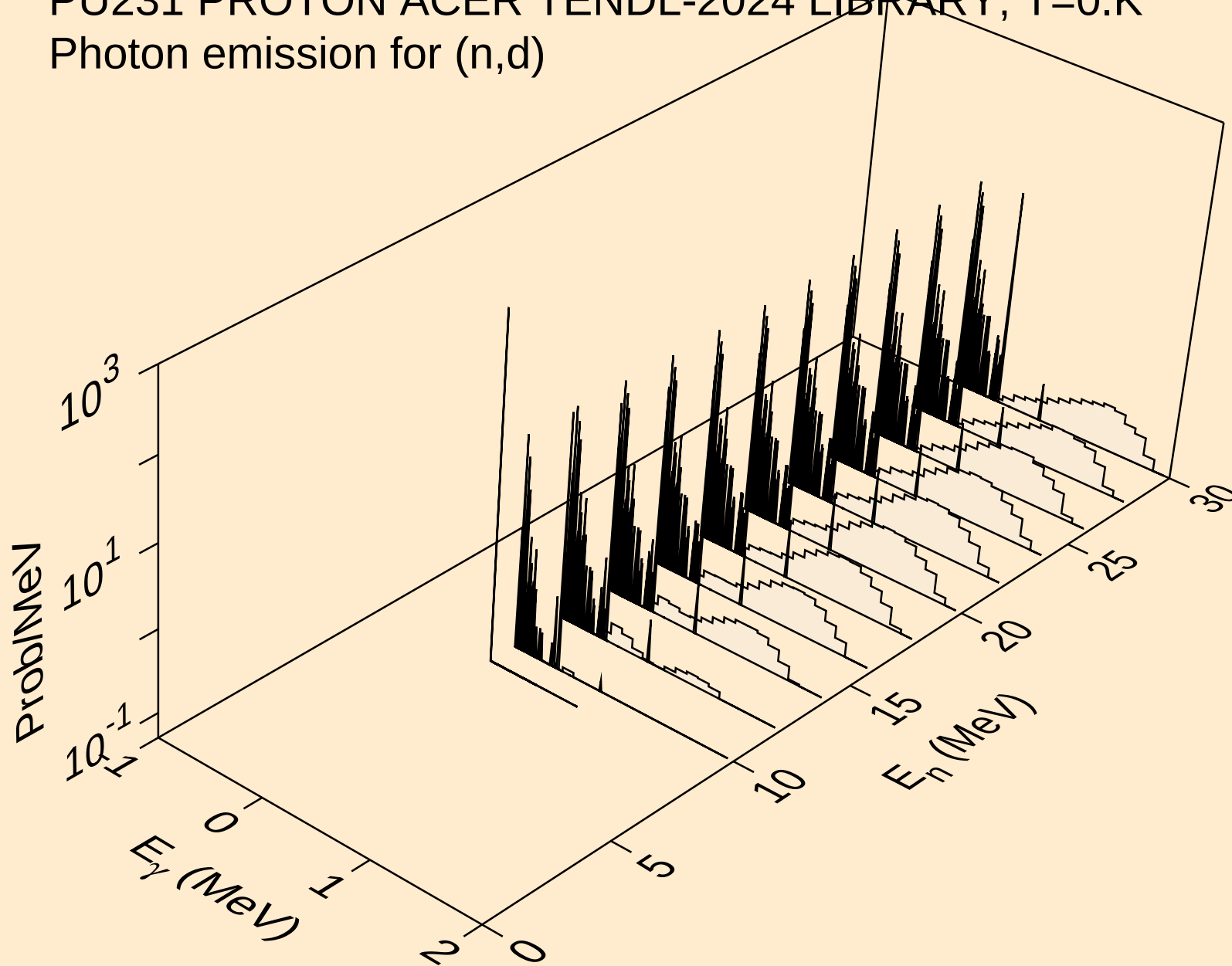
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



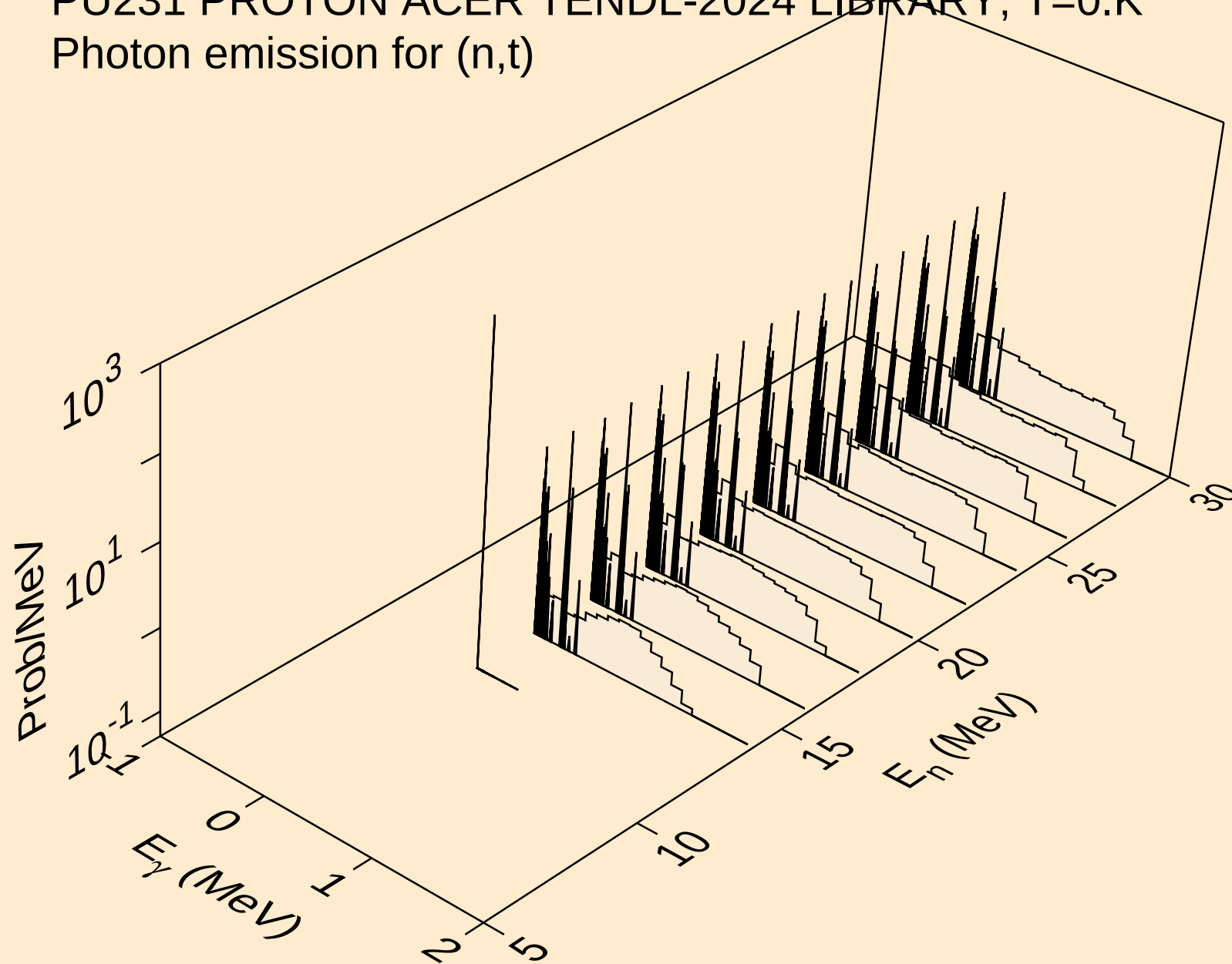
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



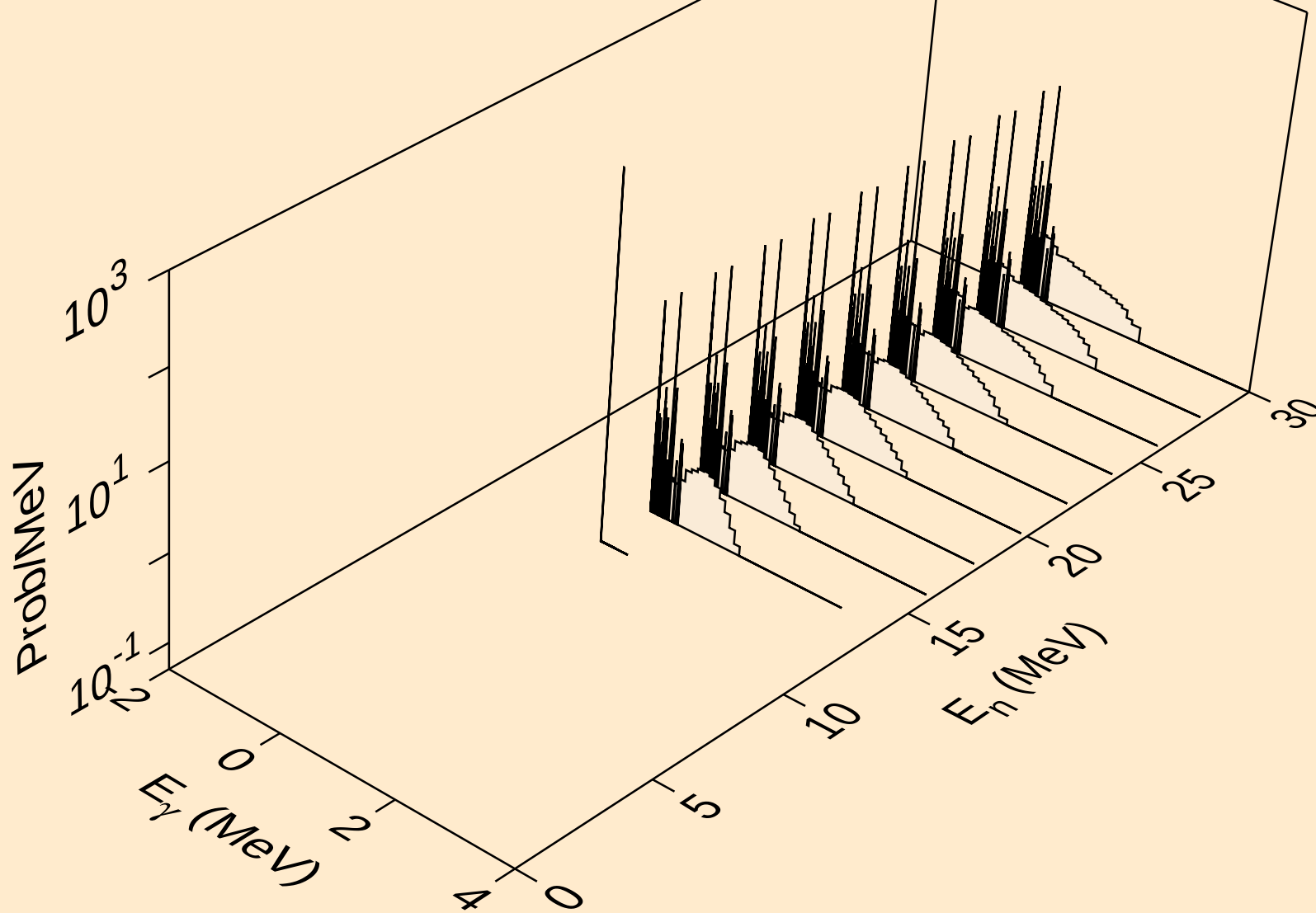
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



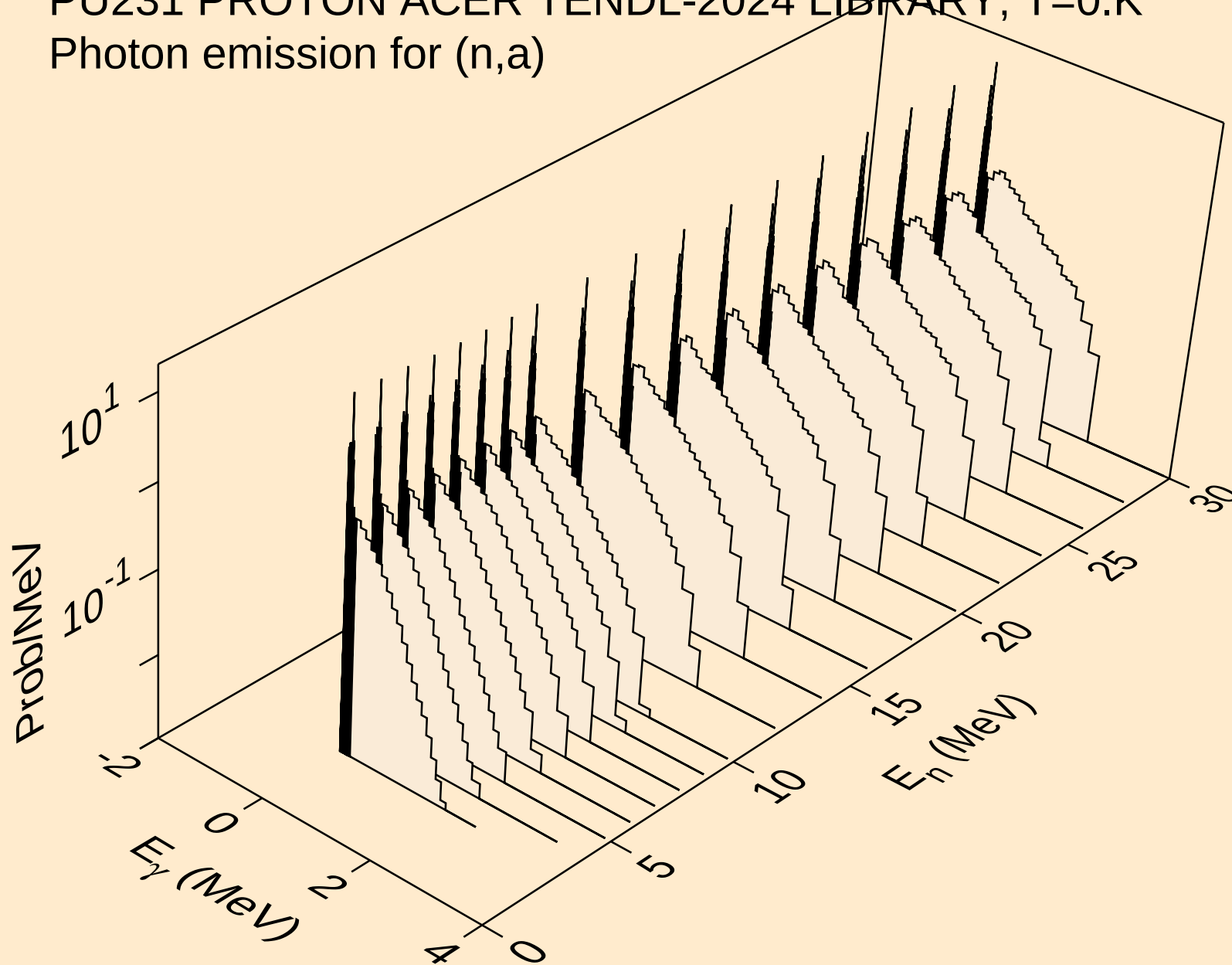
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



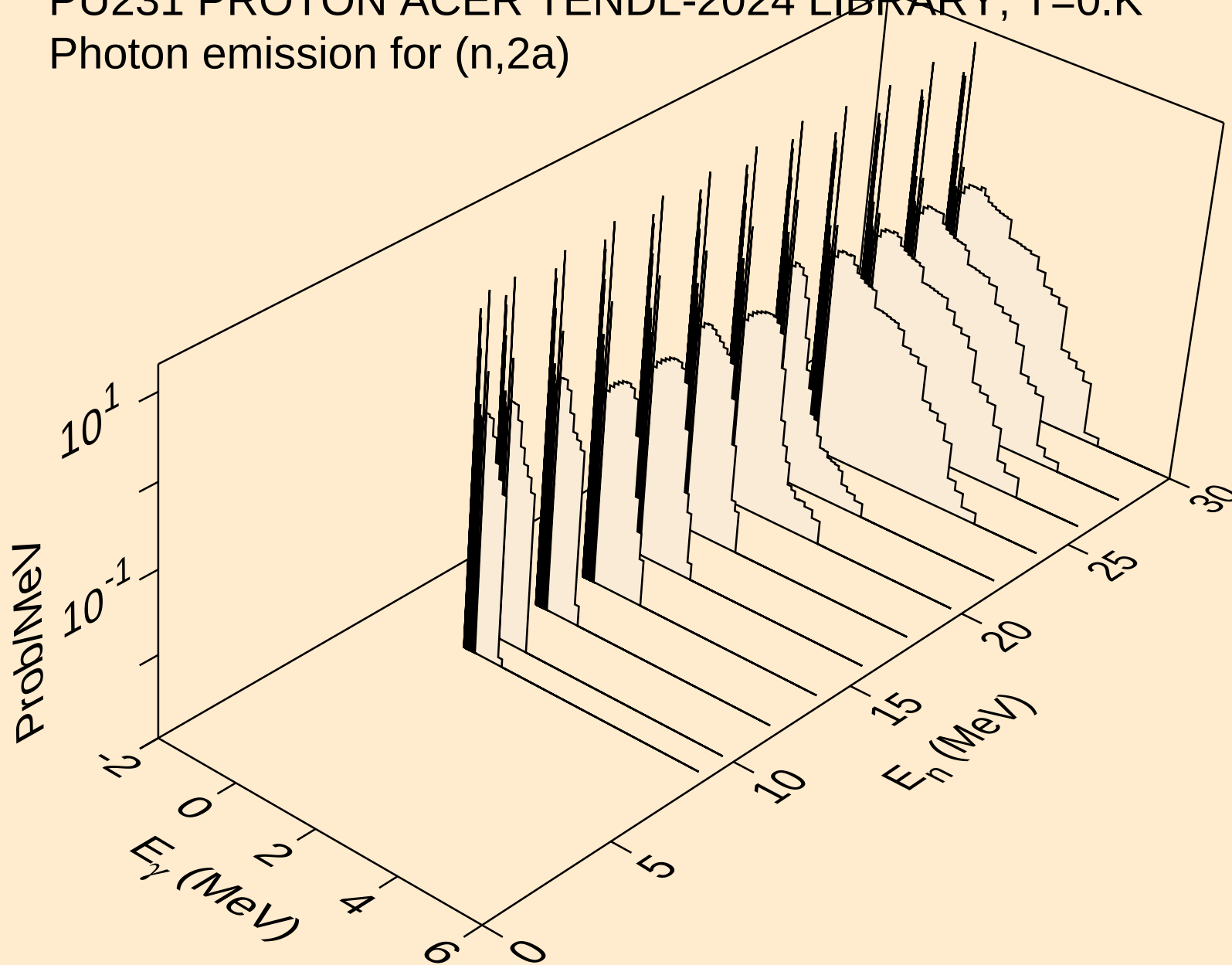
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



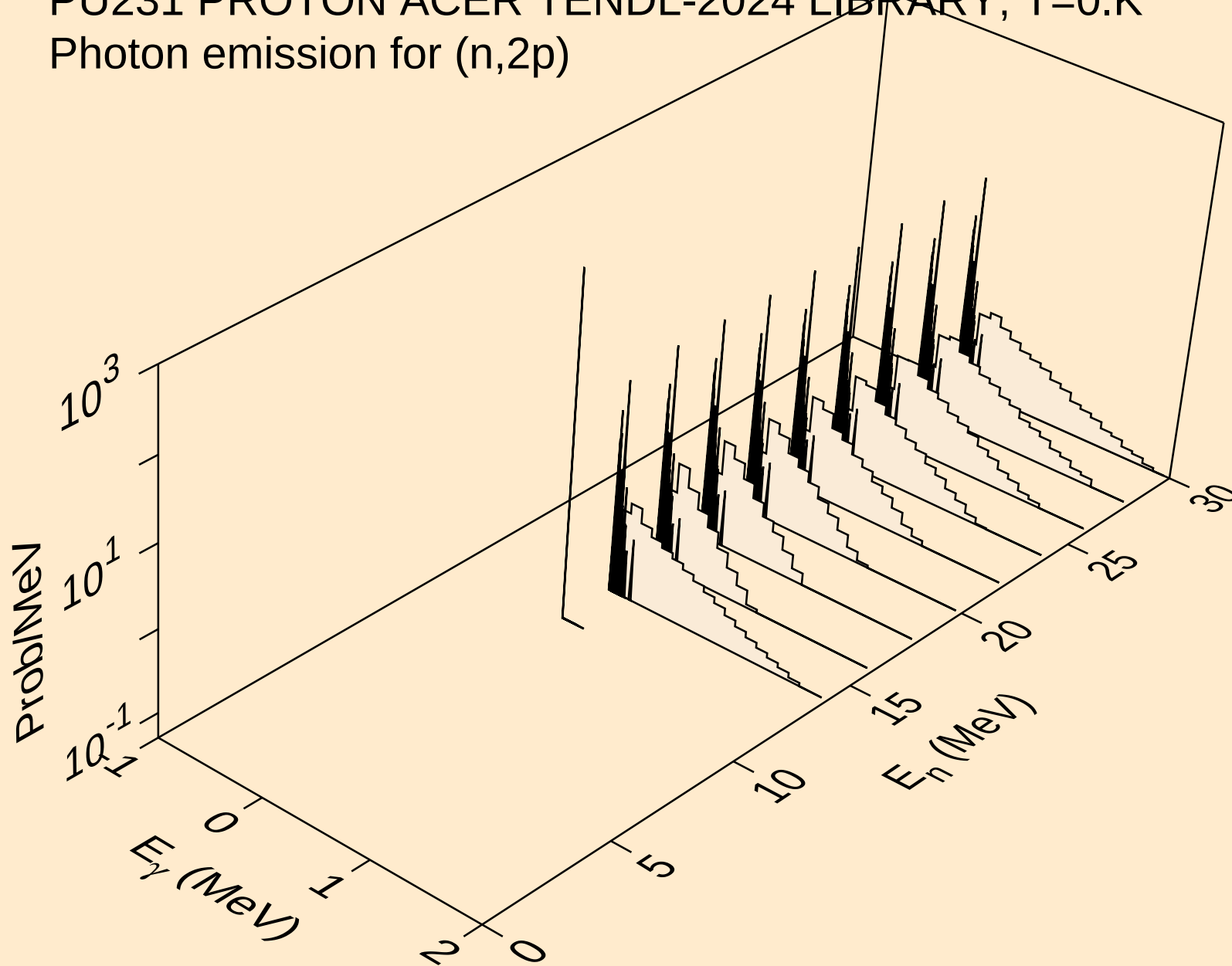
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



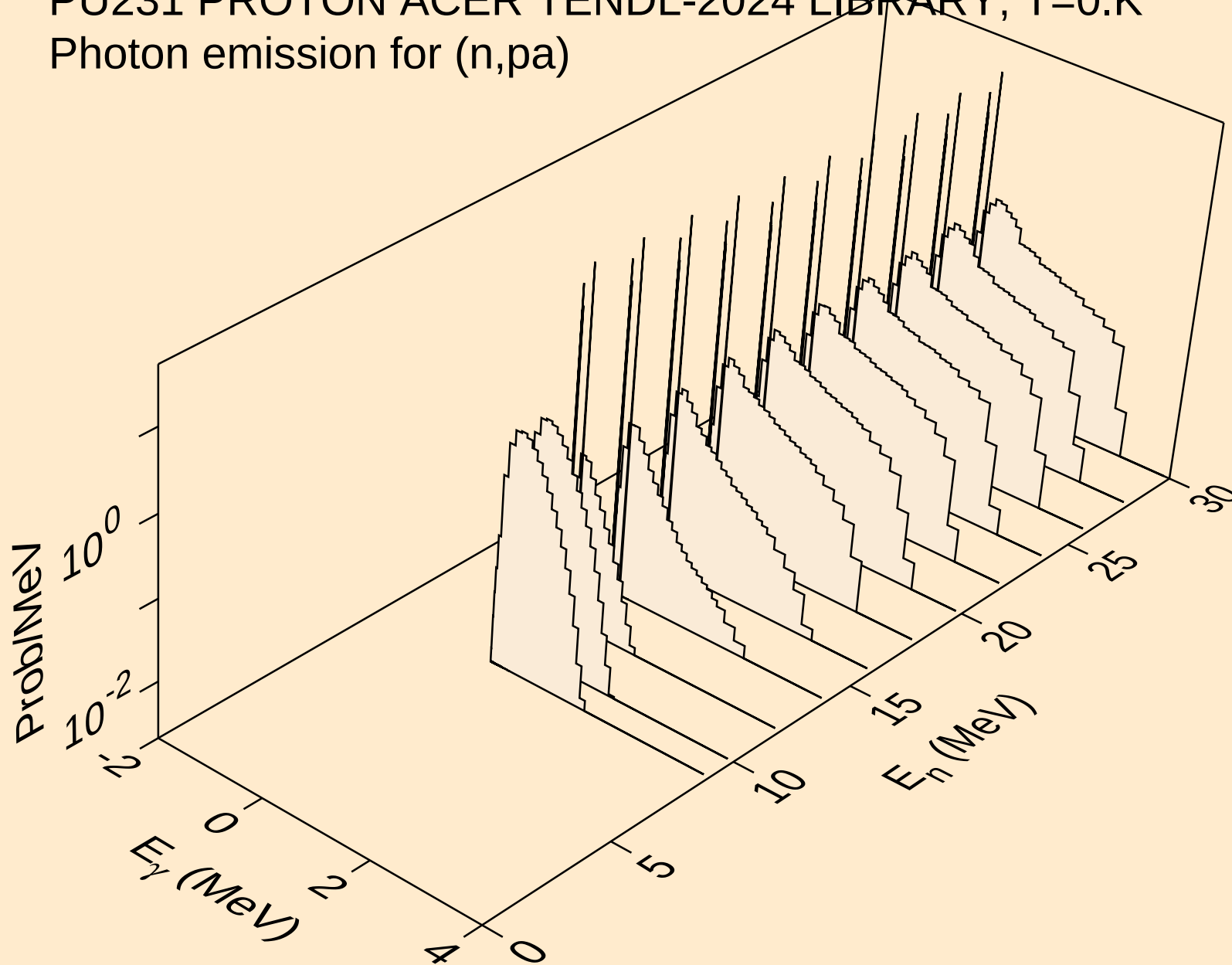
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



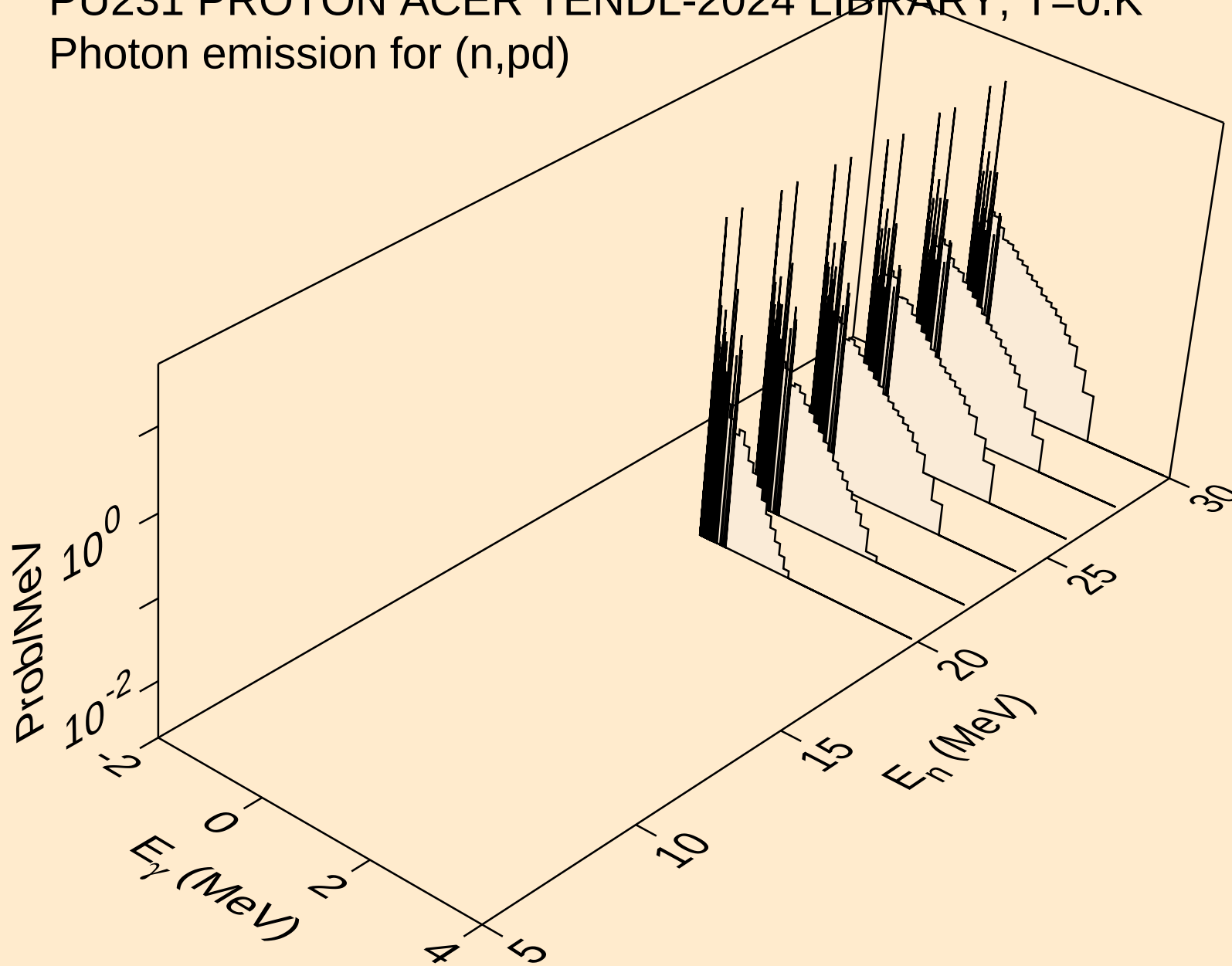
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)

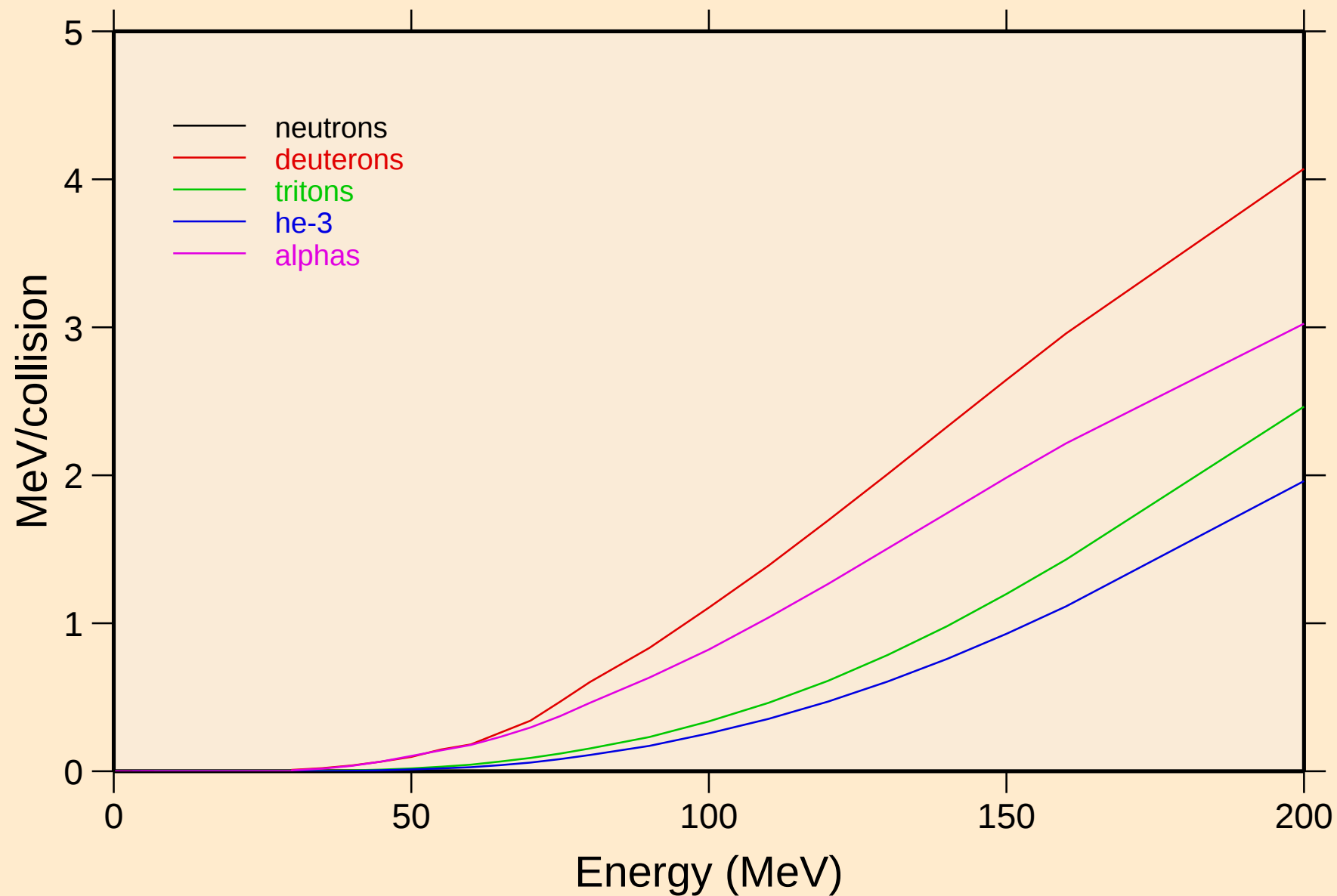


PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



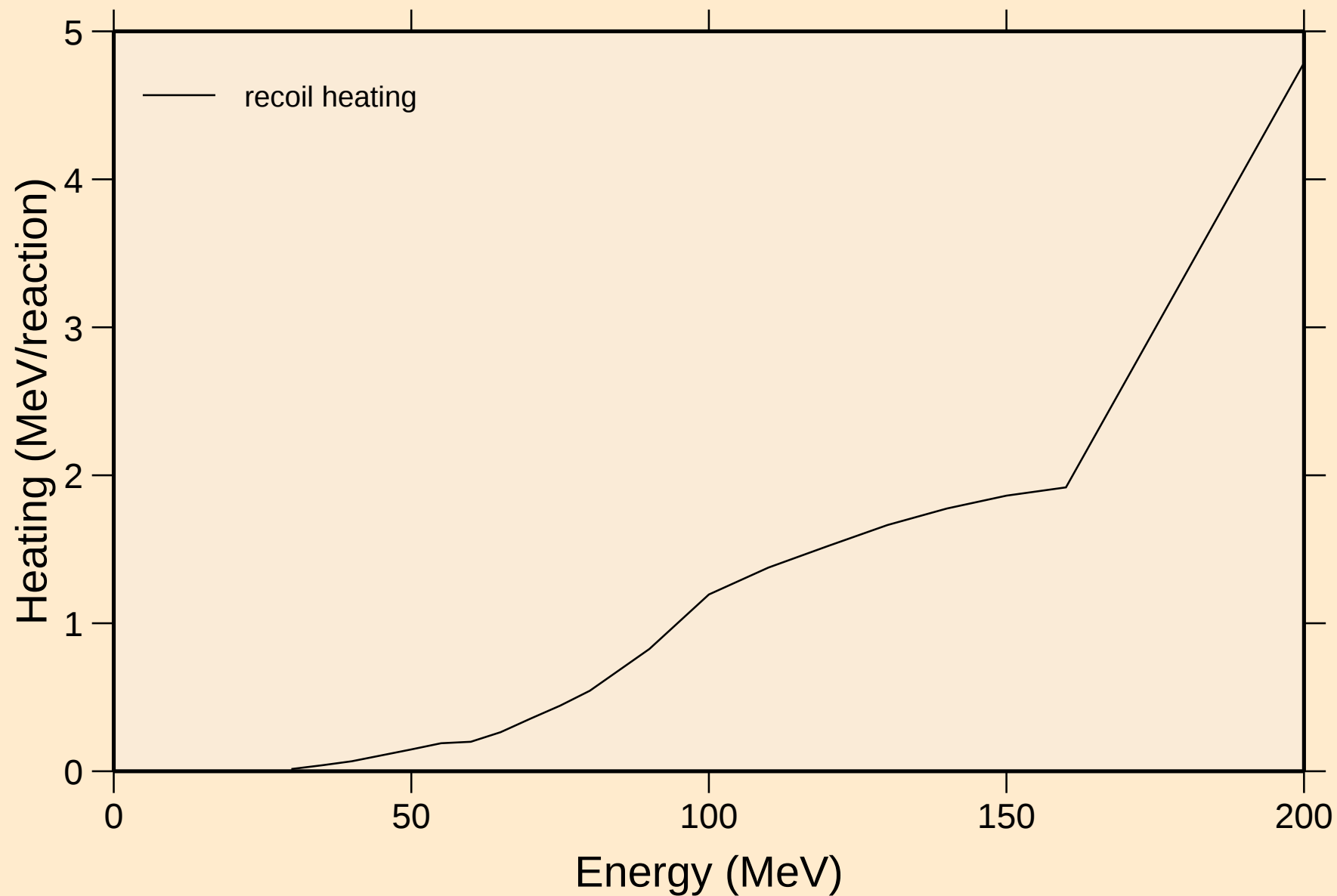
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



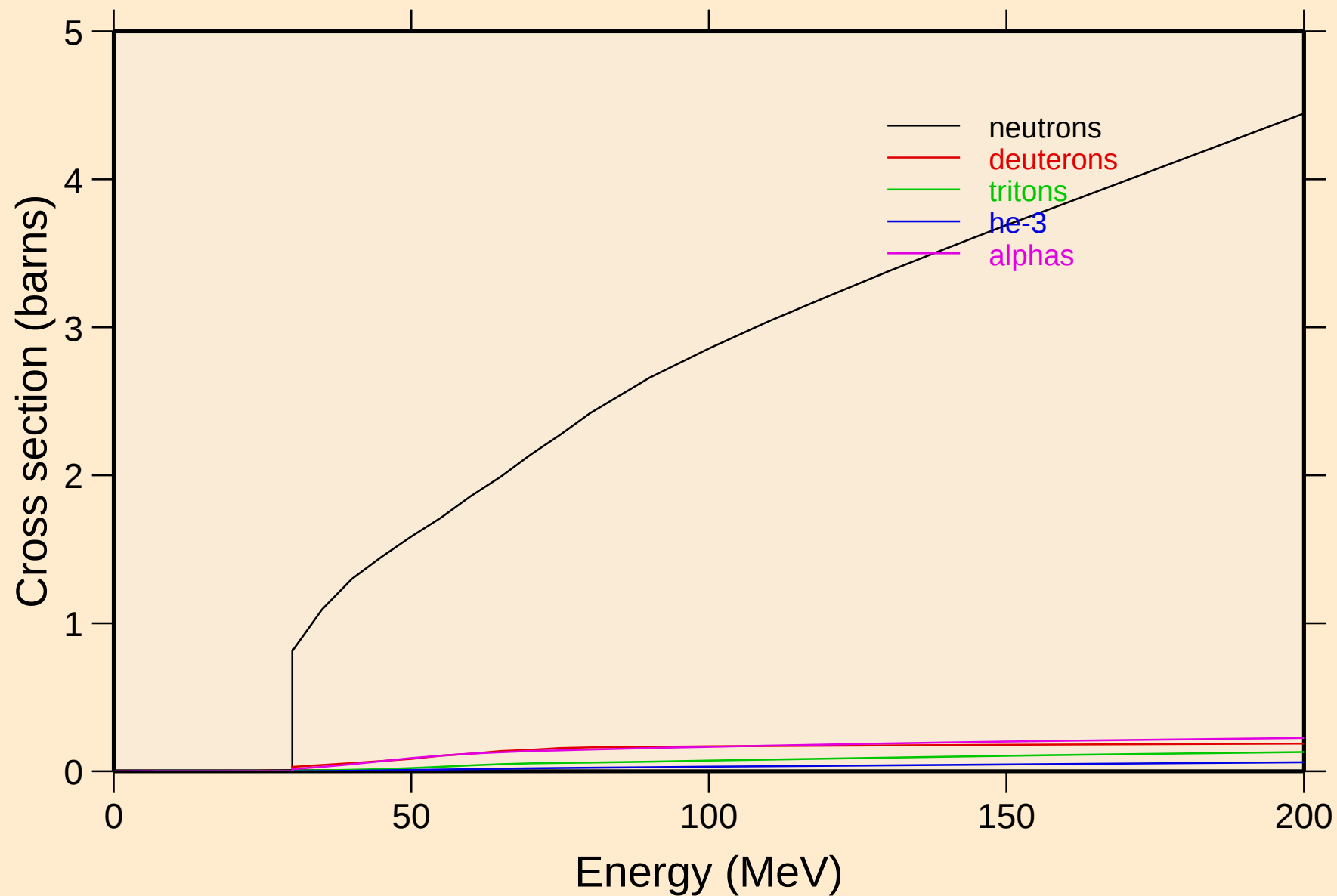
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

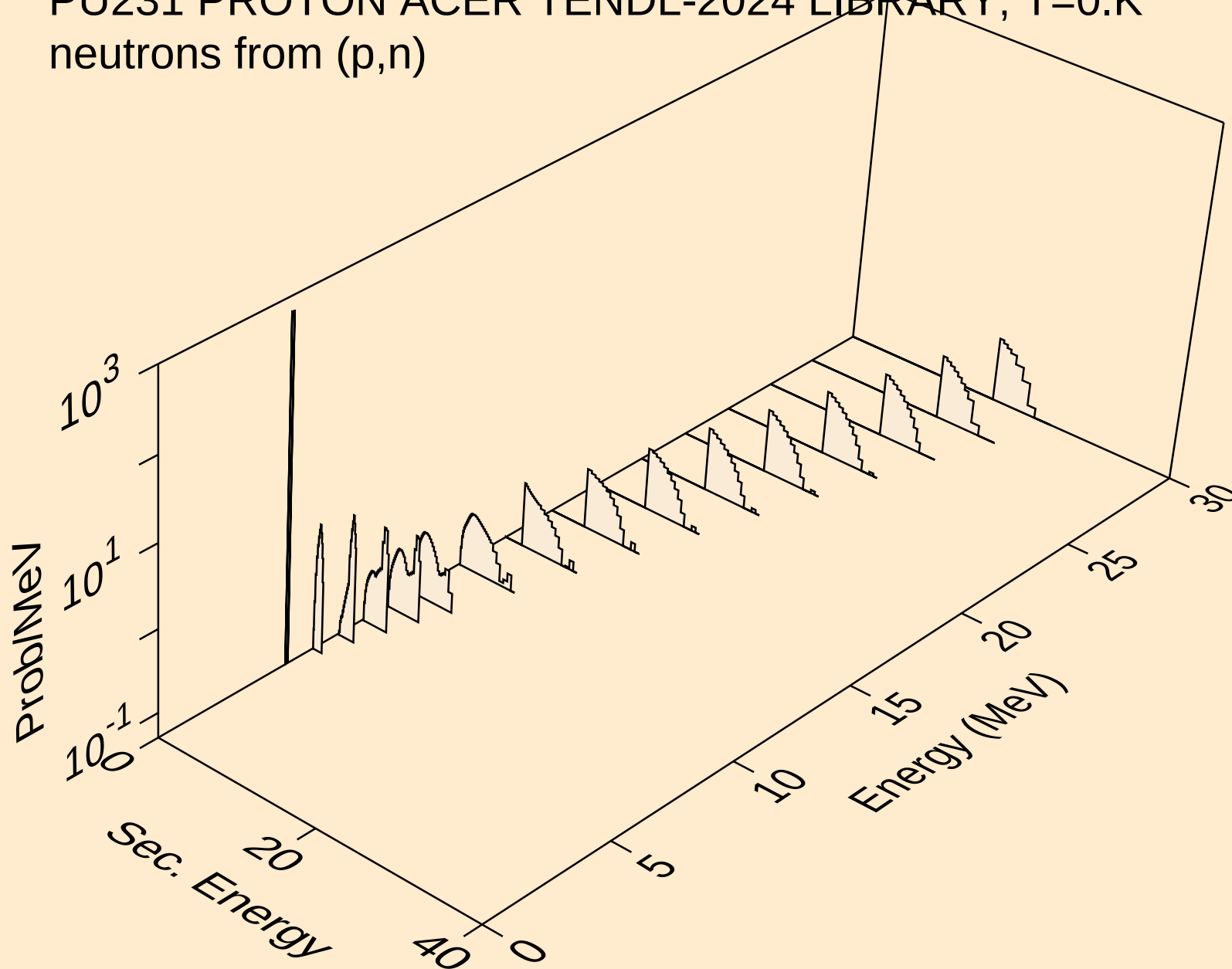


PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K

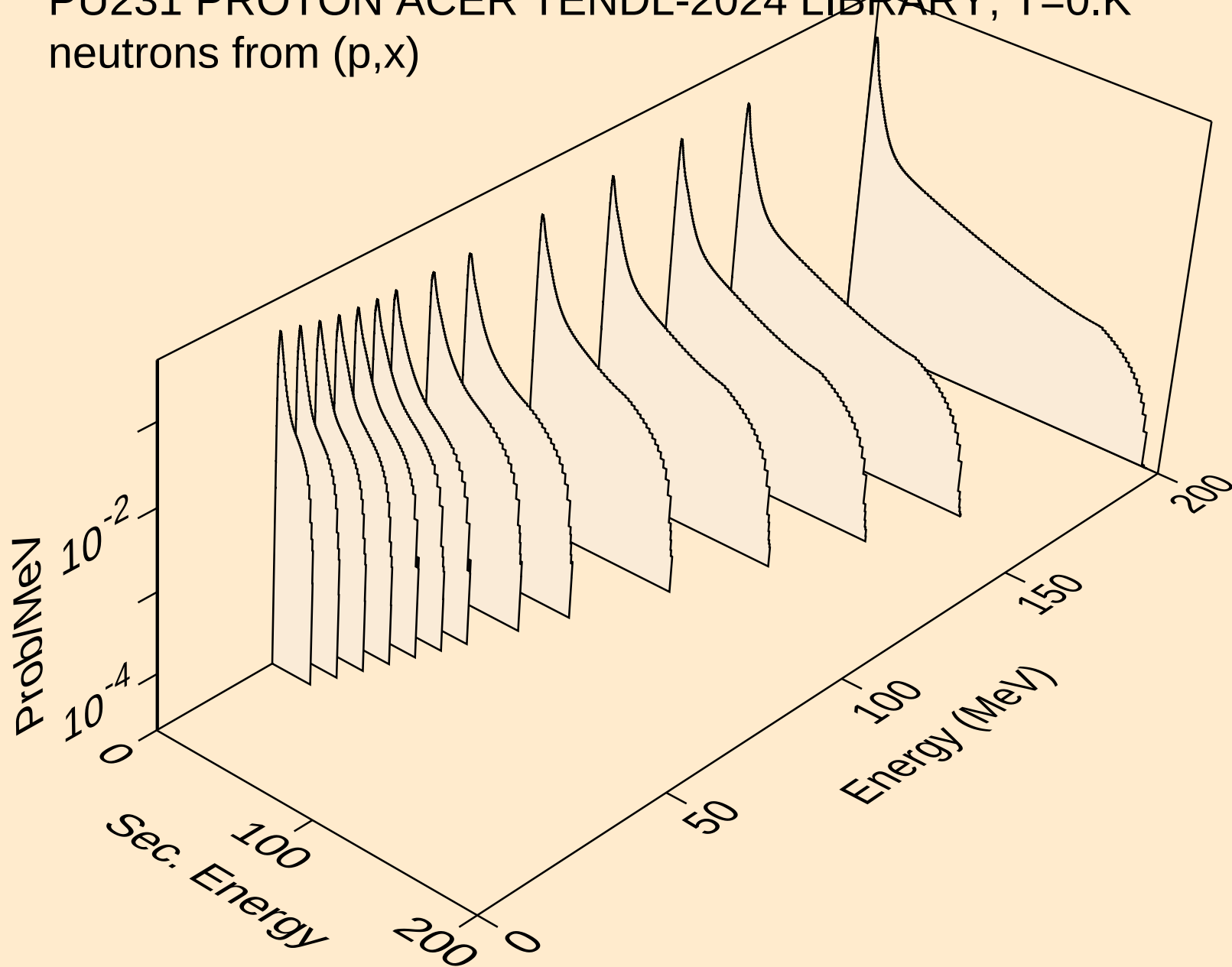
Particle production cross sections



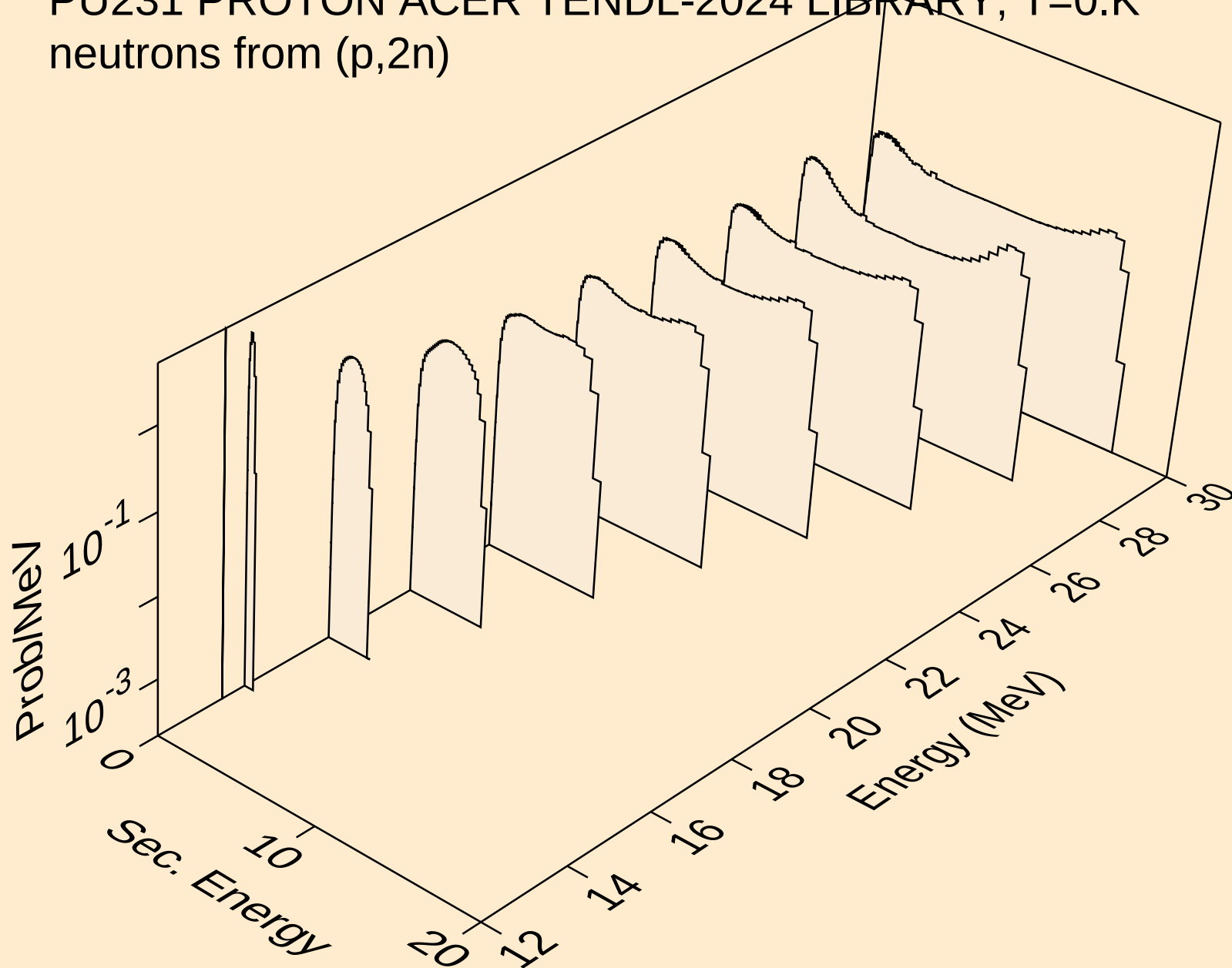
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n)



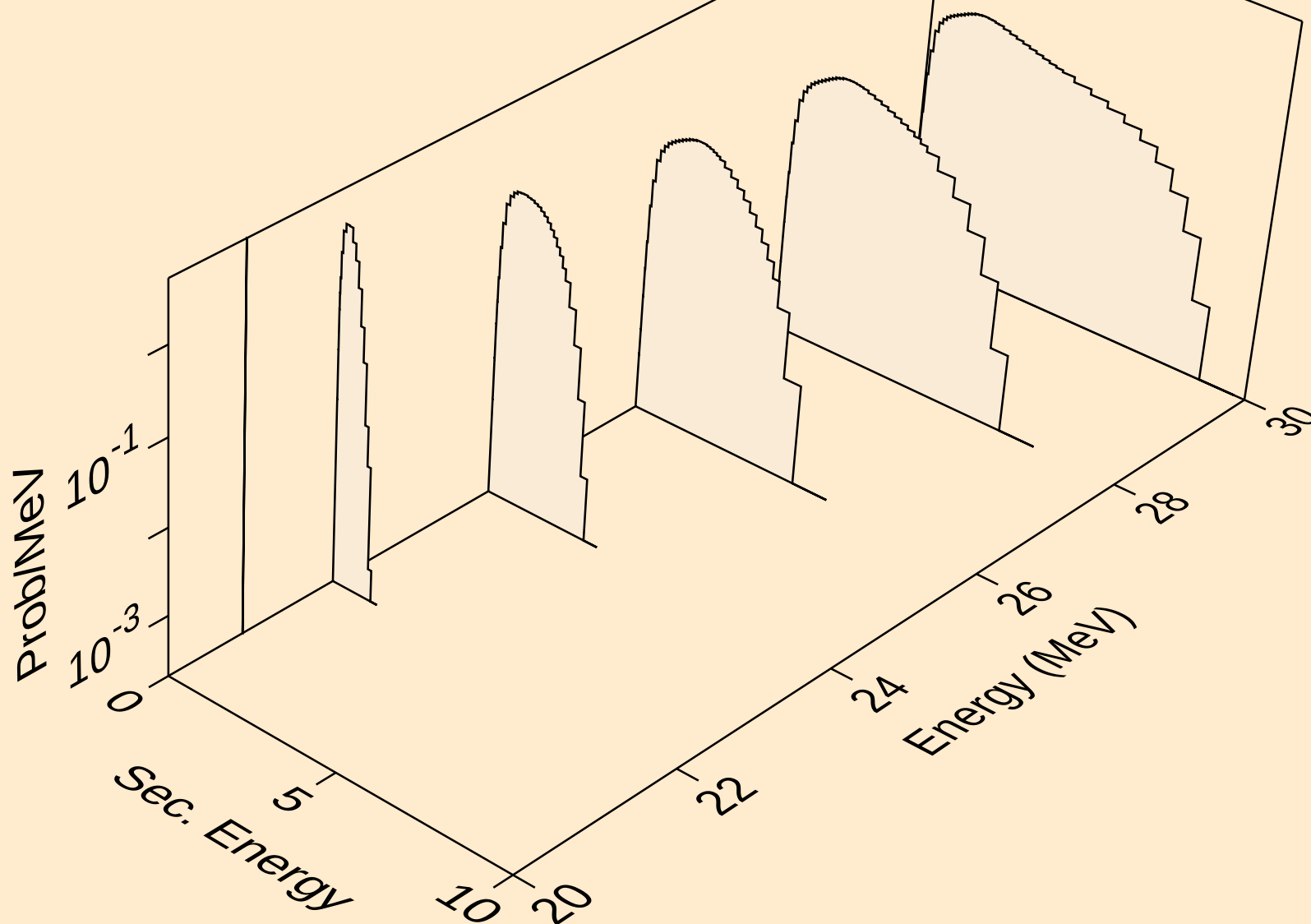
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,x)



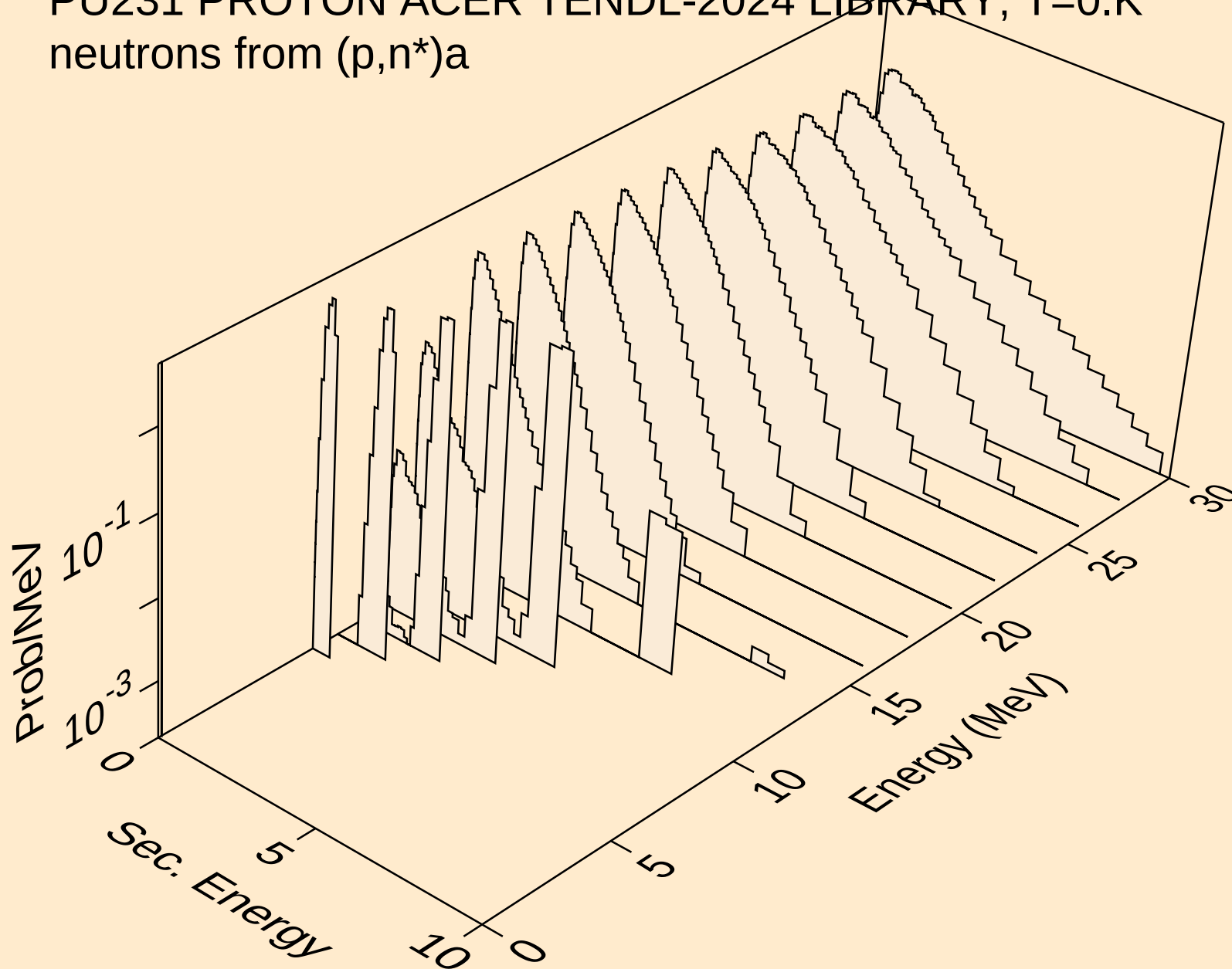
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)



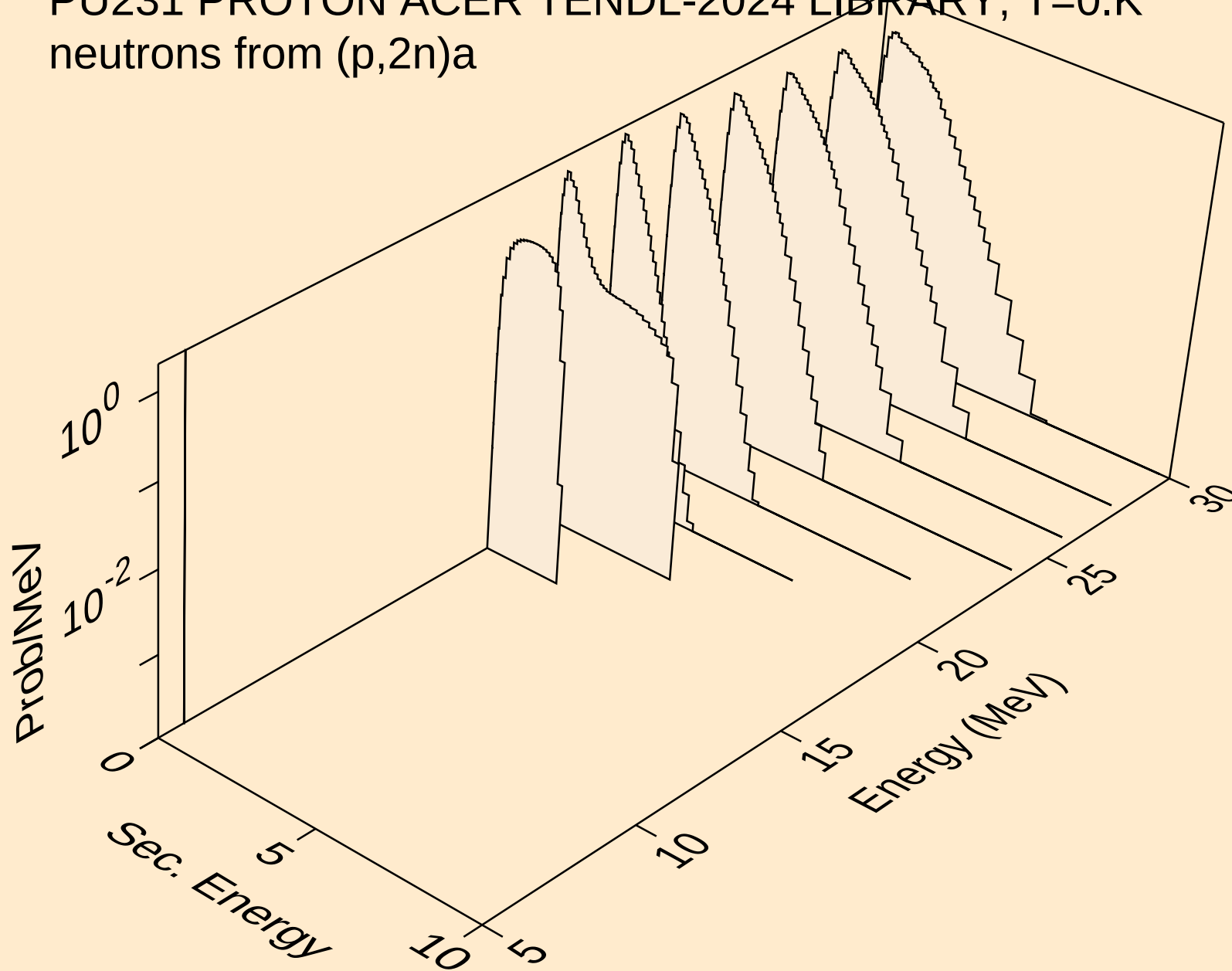
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)



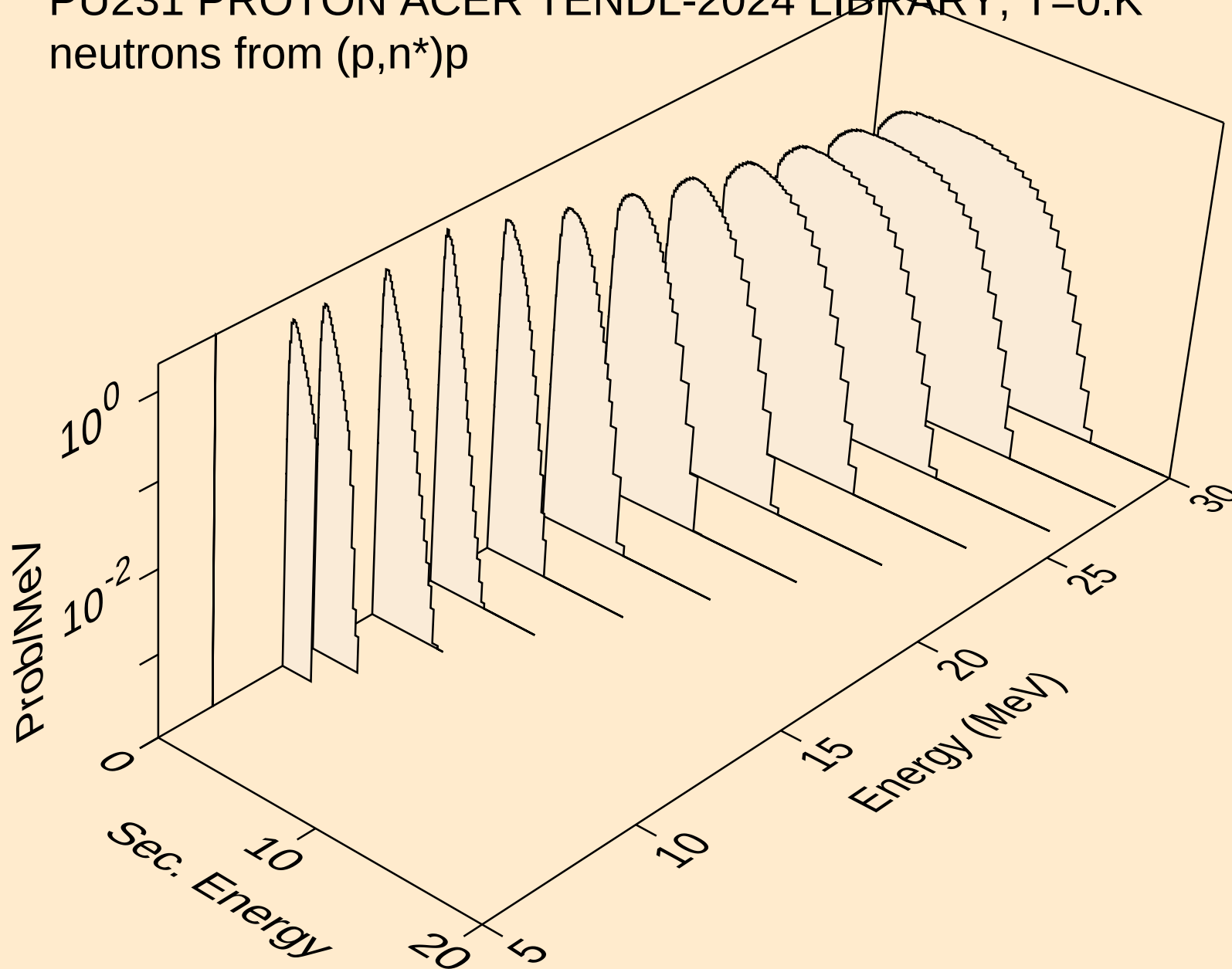
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)a



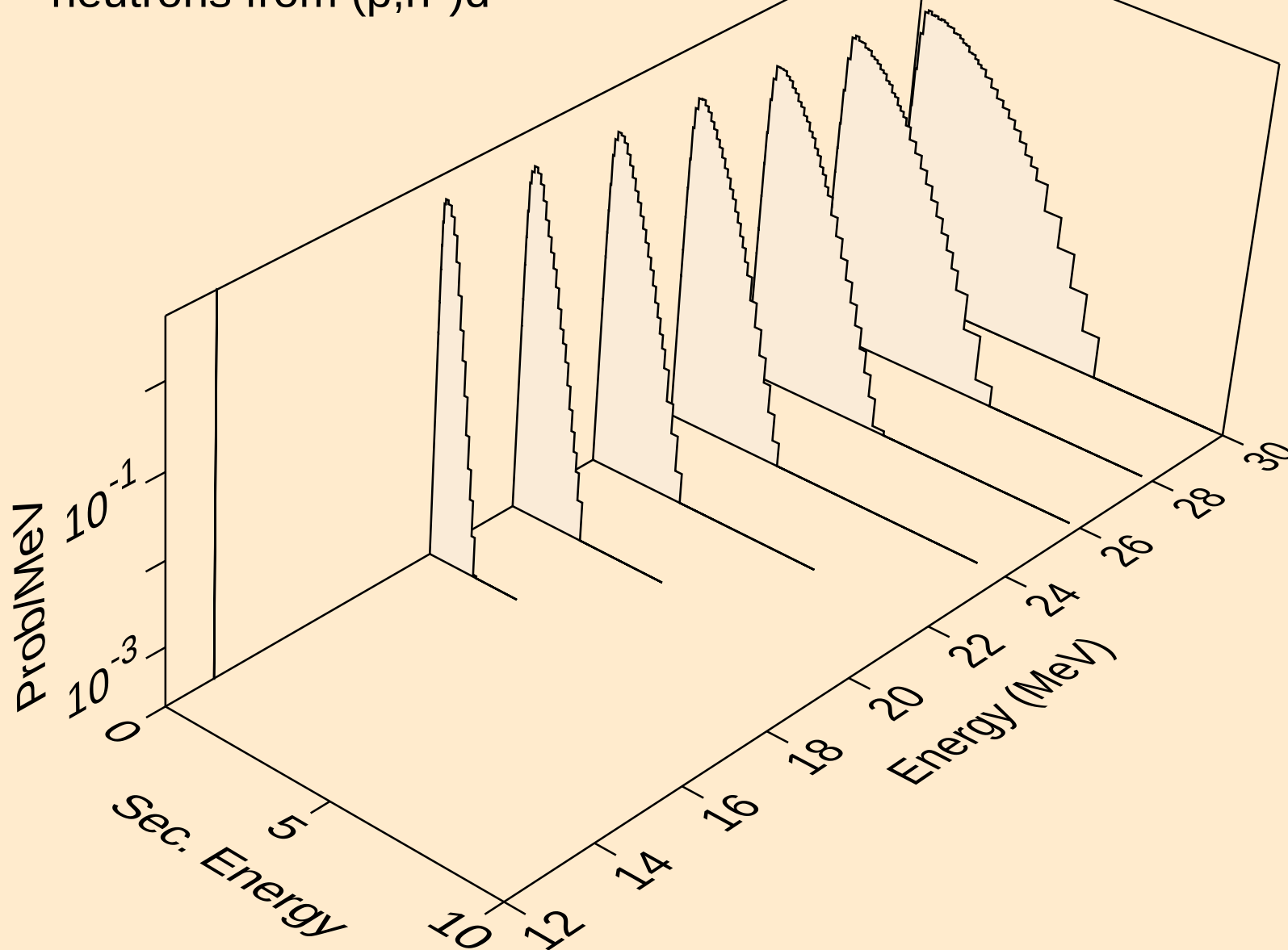
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)a



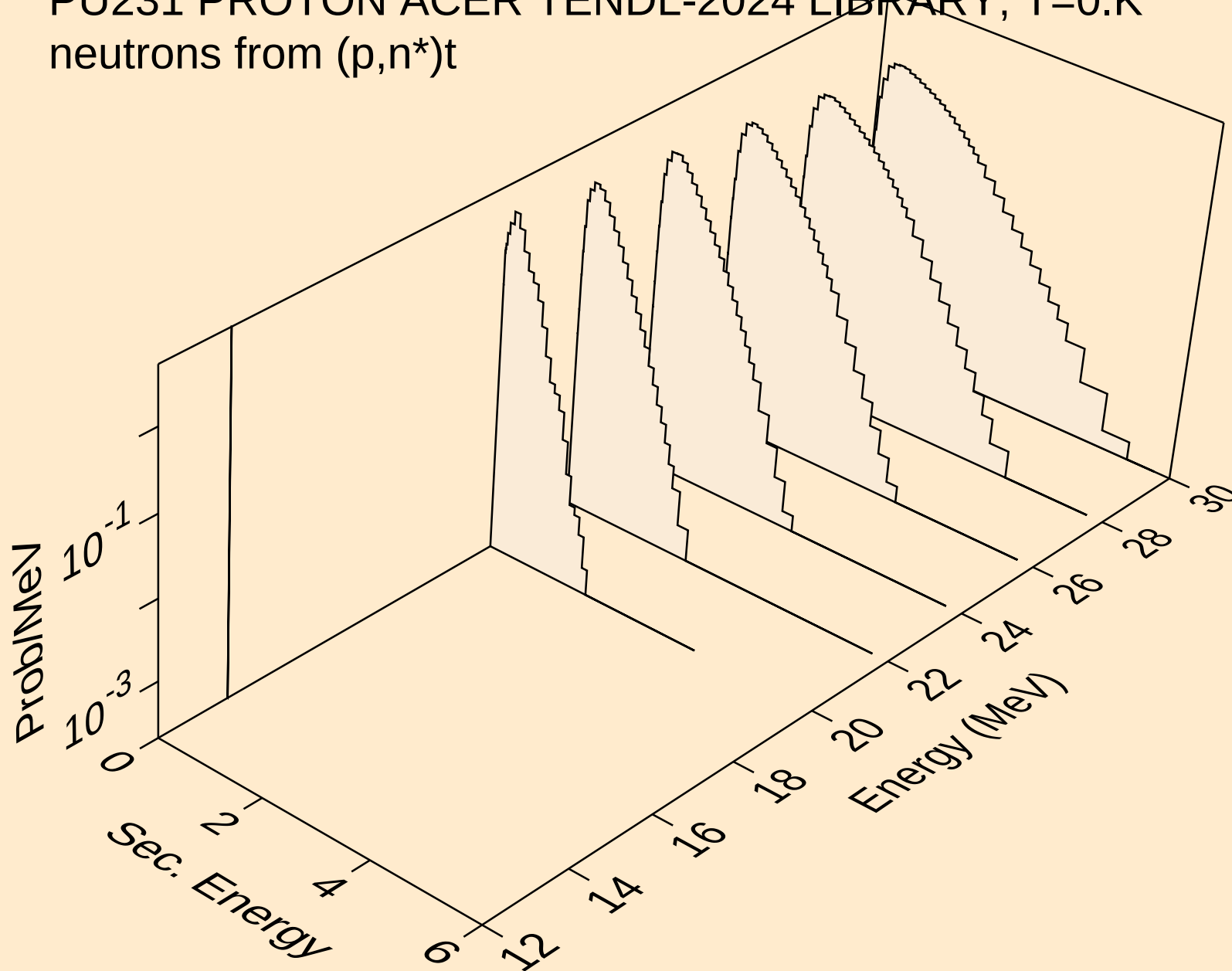
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)p



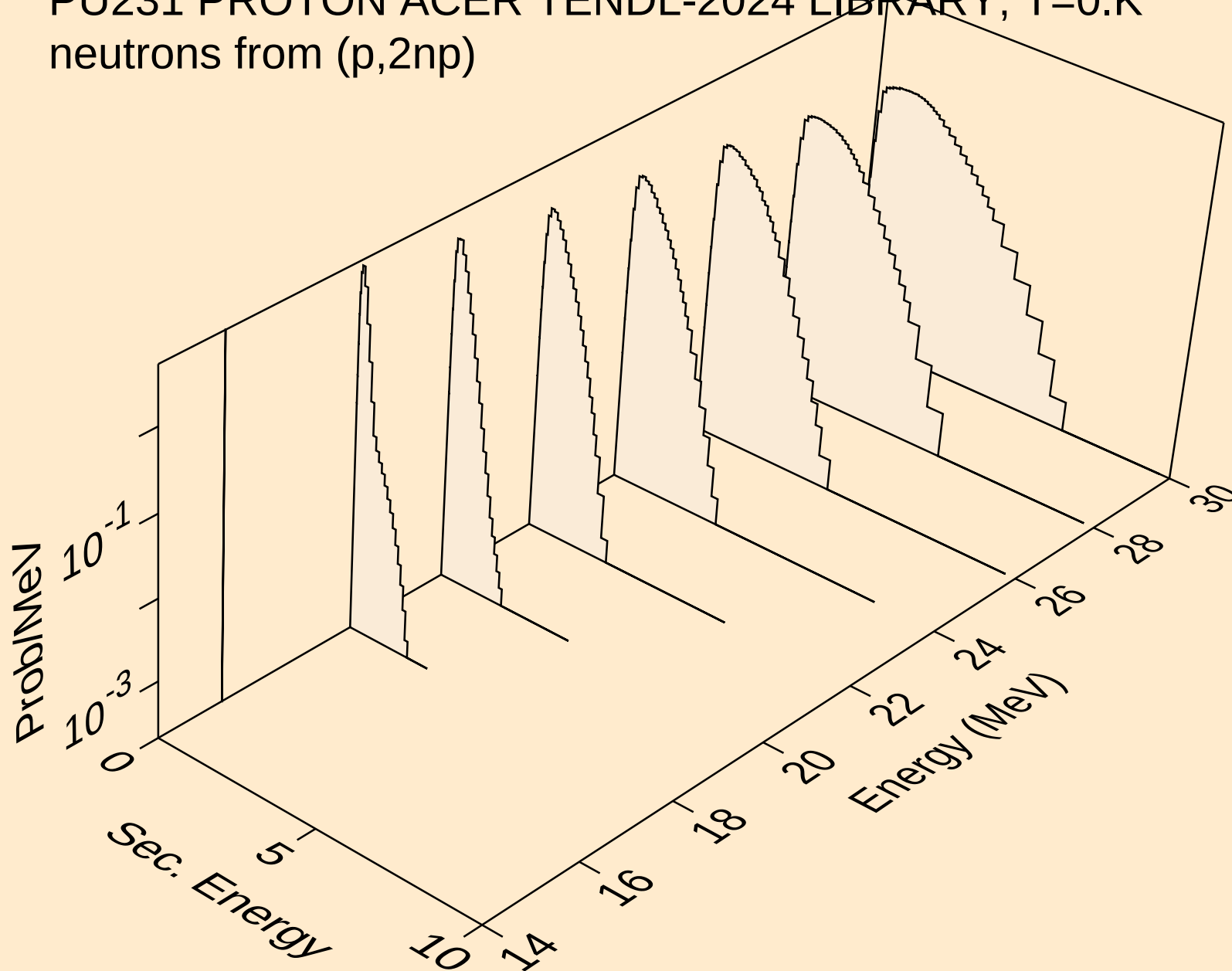
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)d



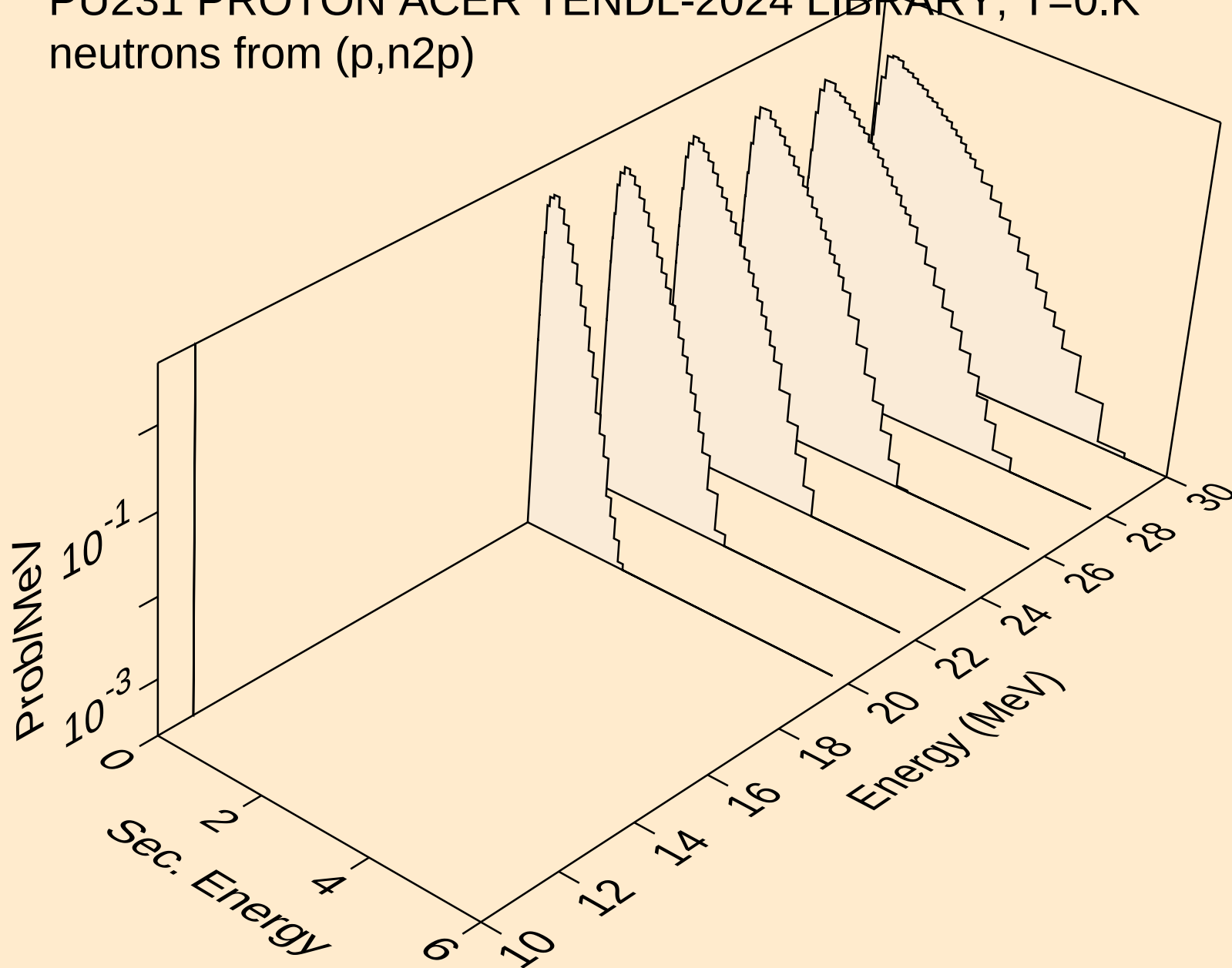
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)t



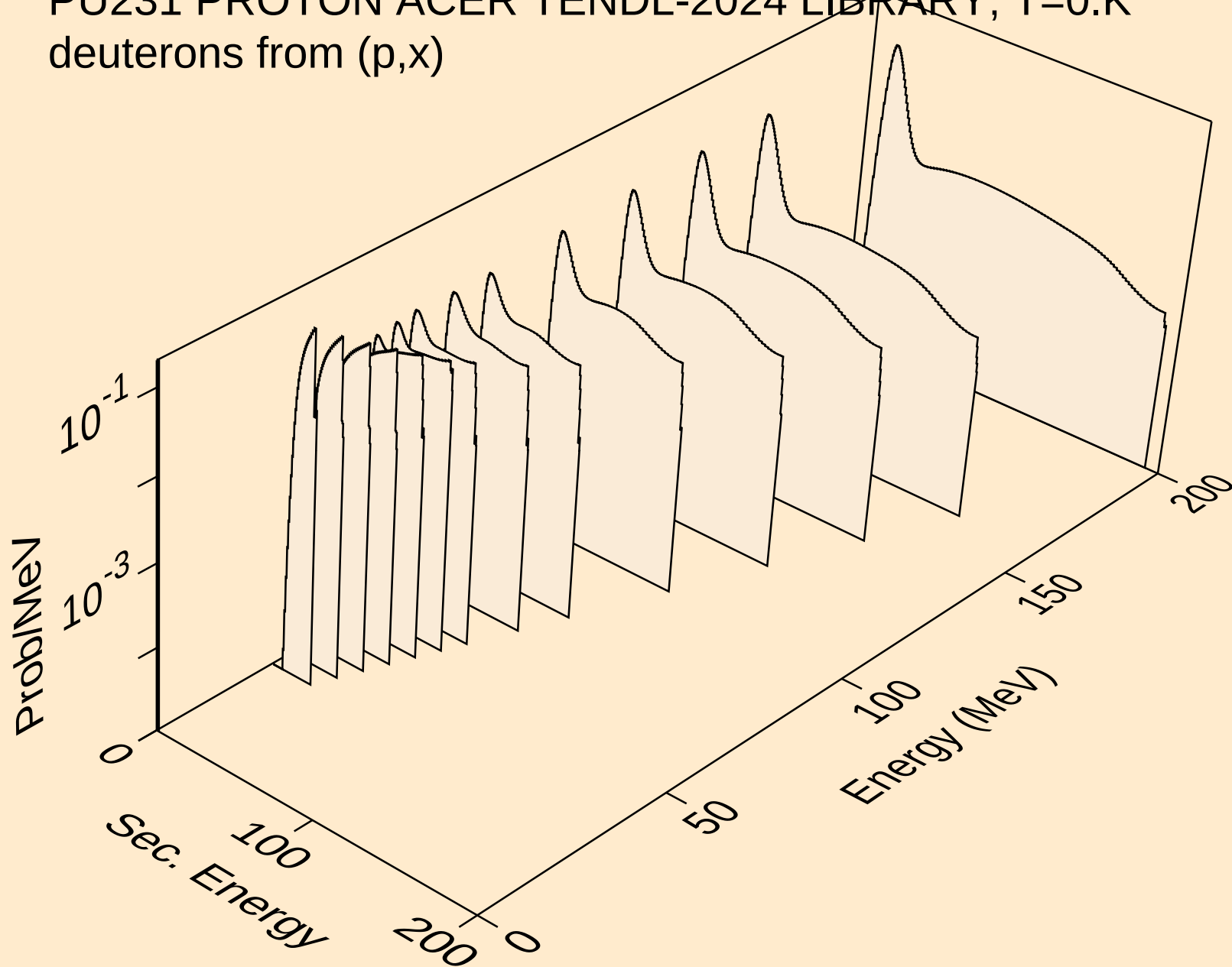
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2np)



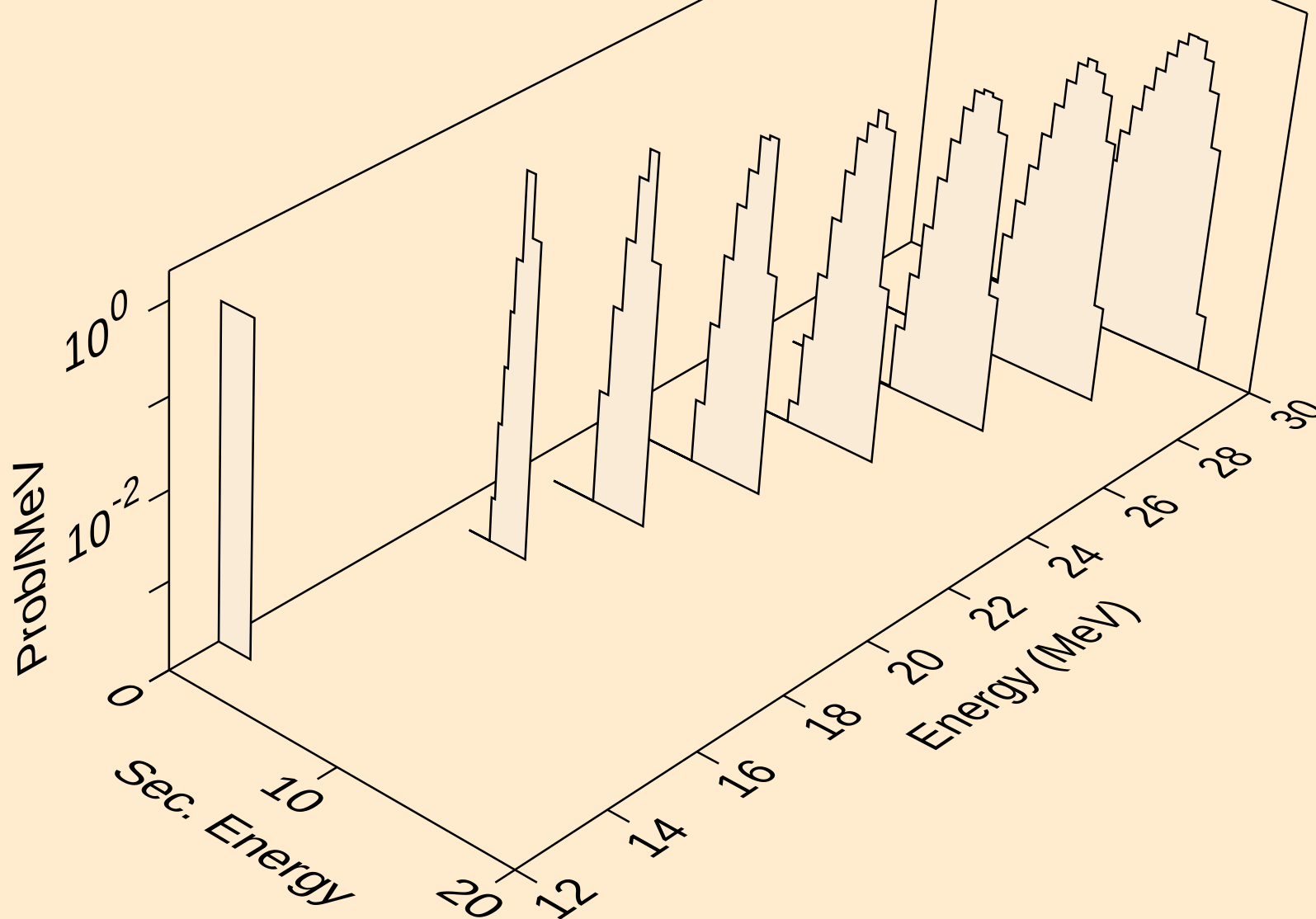
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n2p)



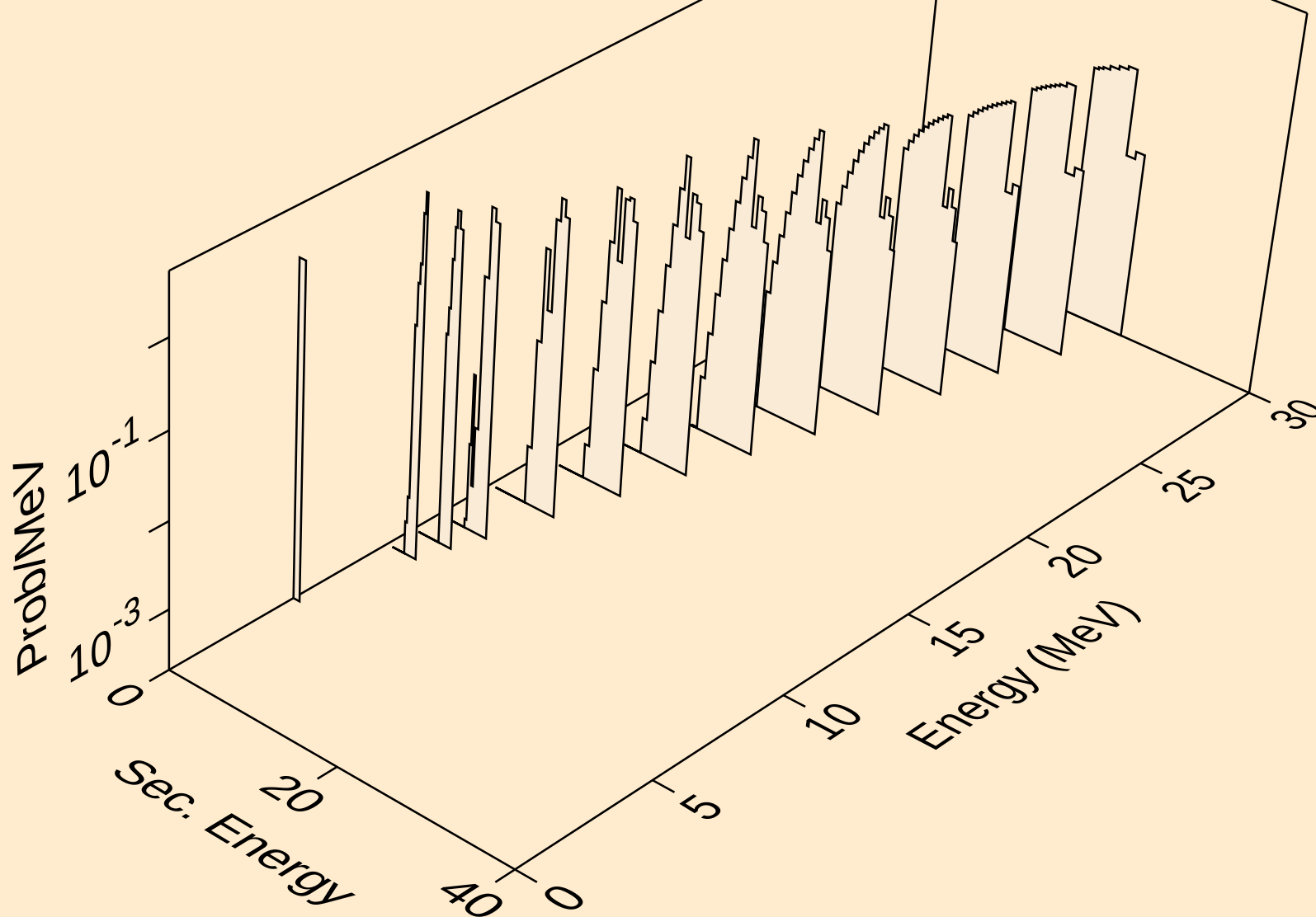
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,x)



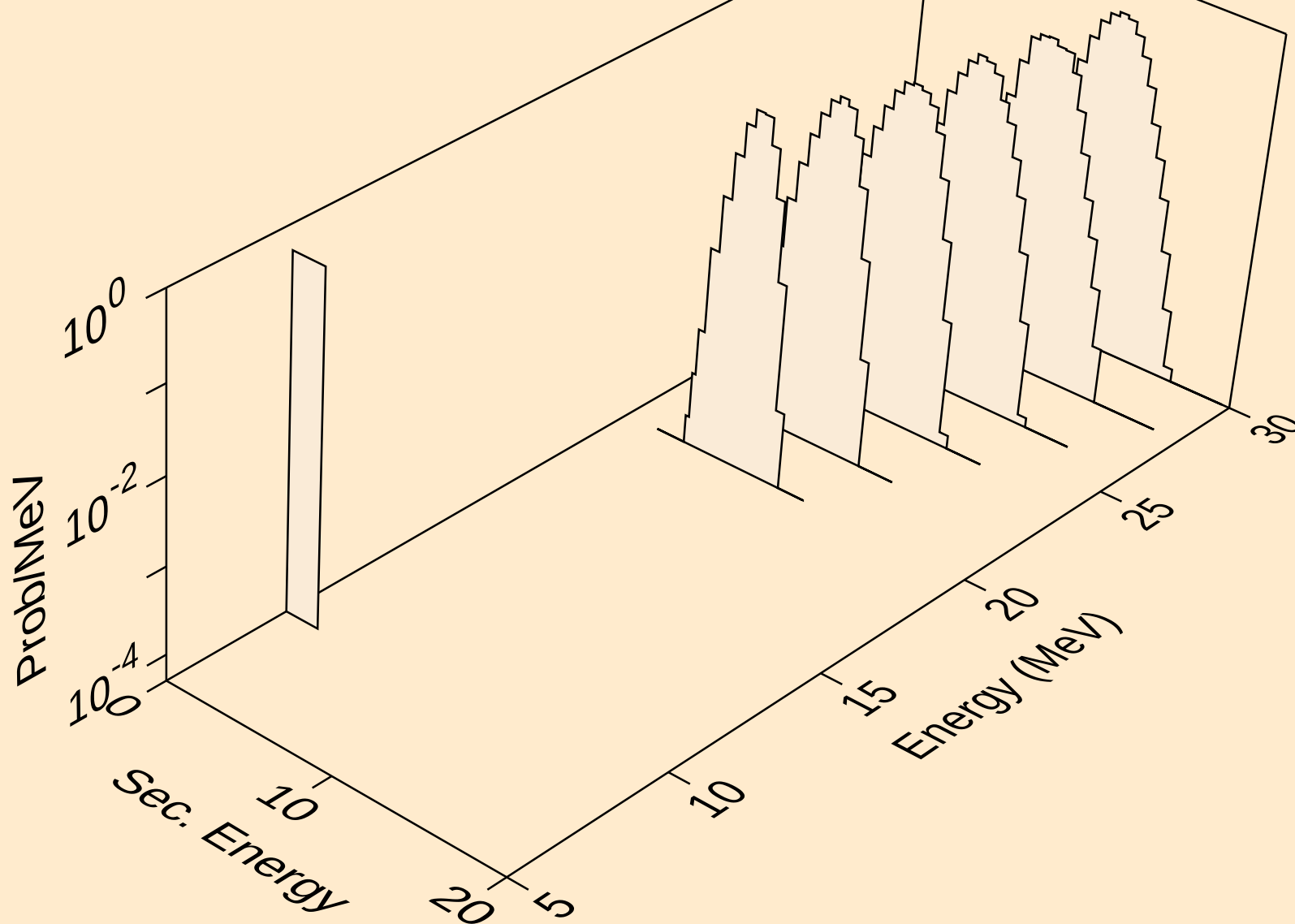
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,n*)d



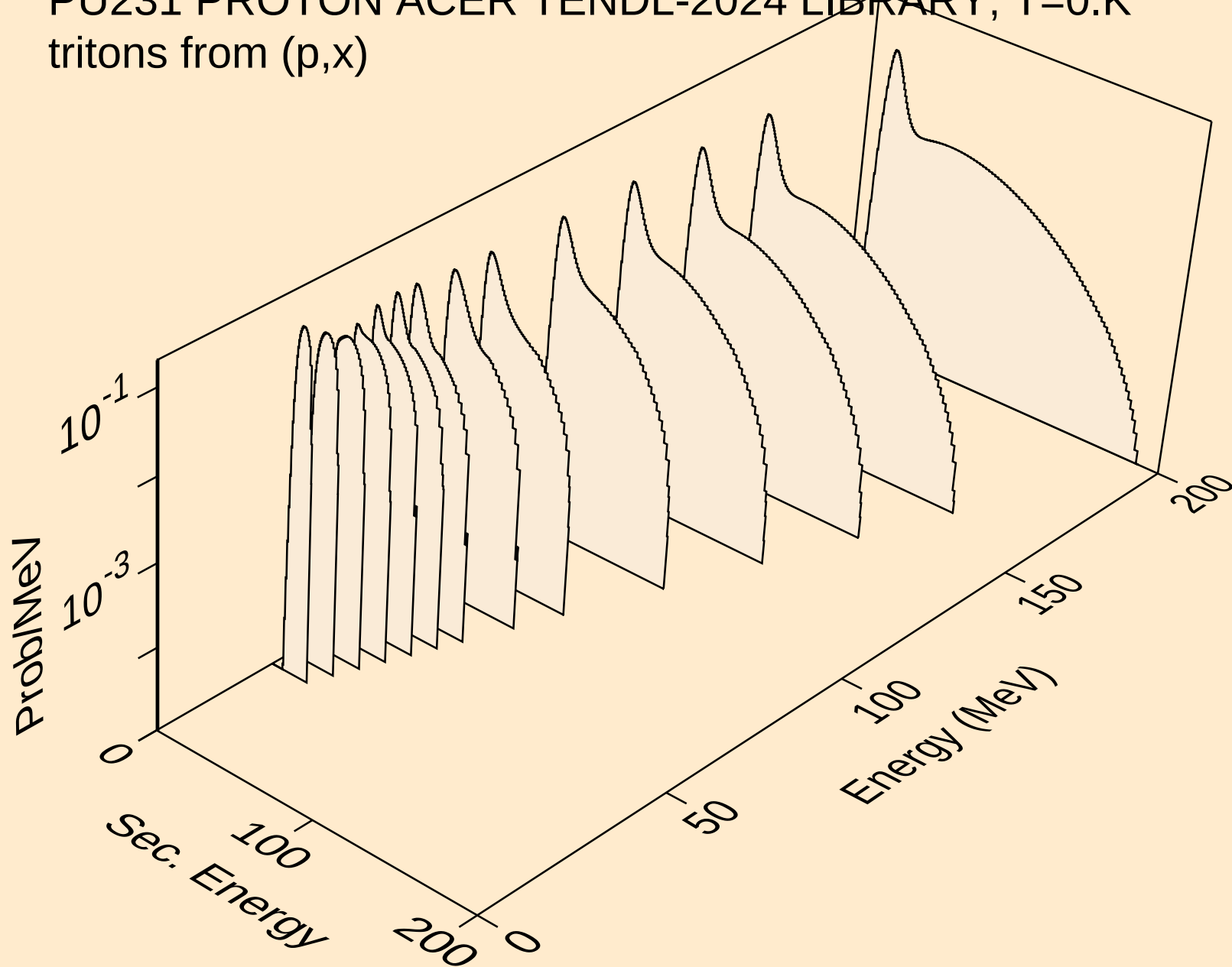
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,d)



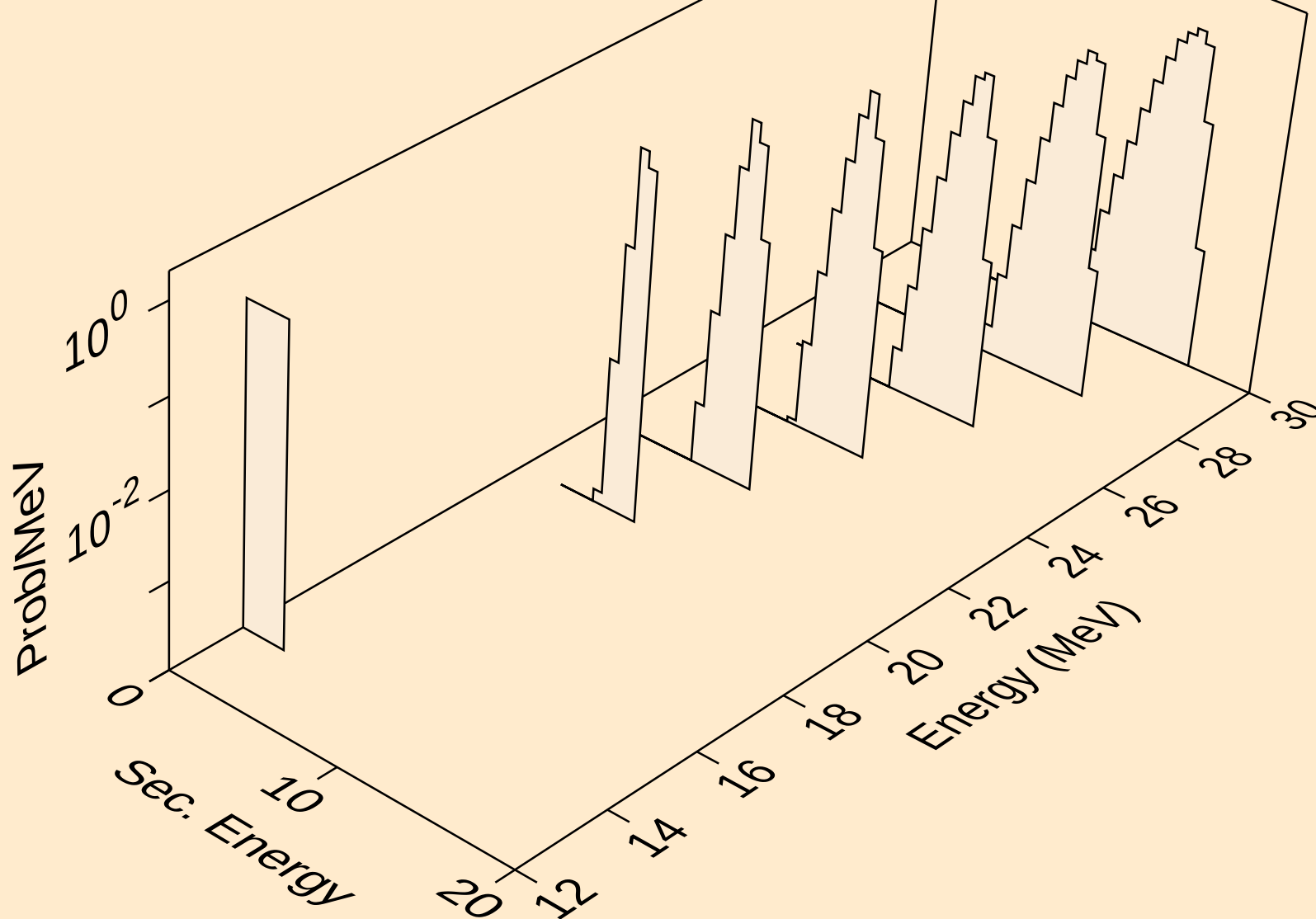
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,pd)



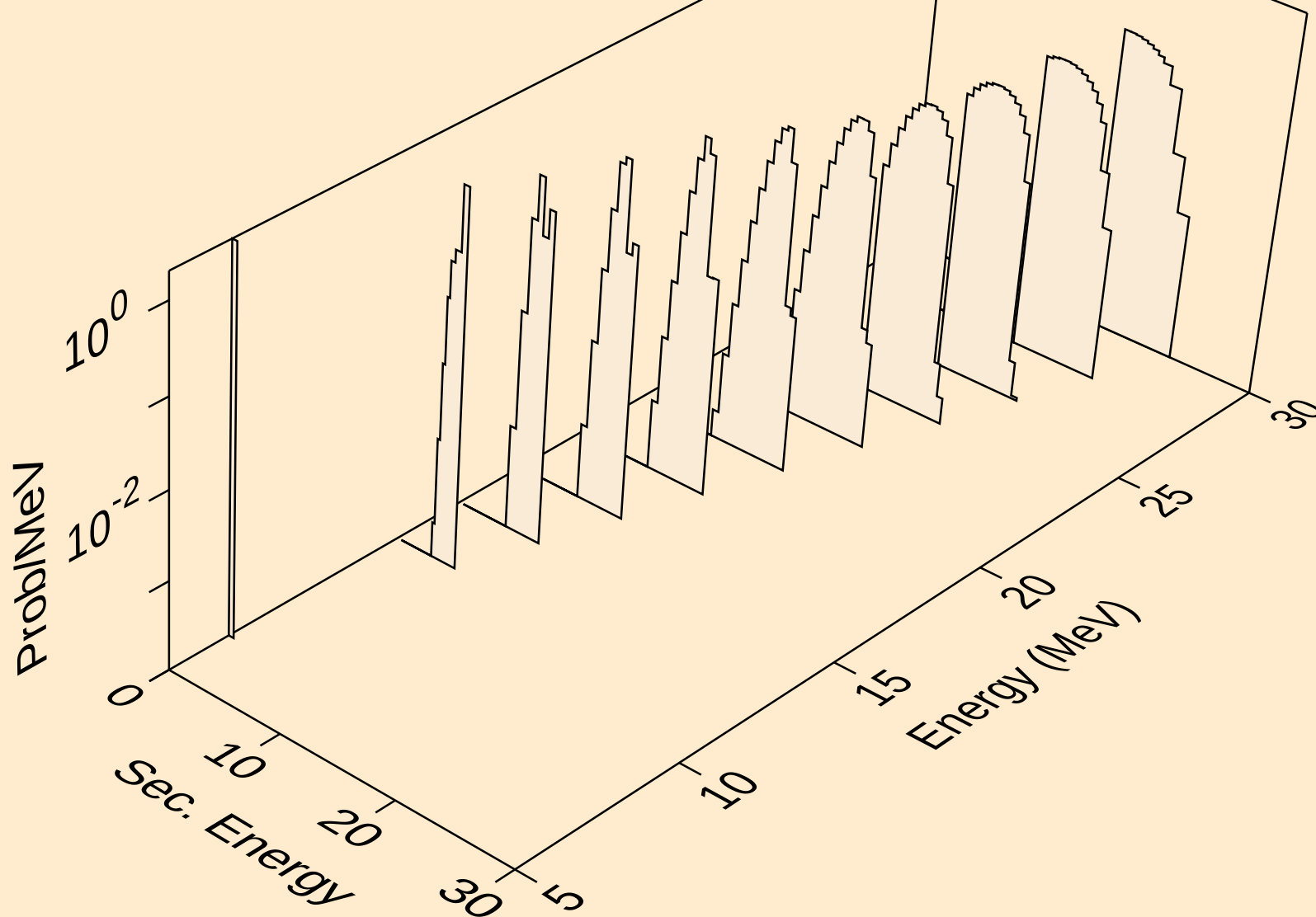
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,x)



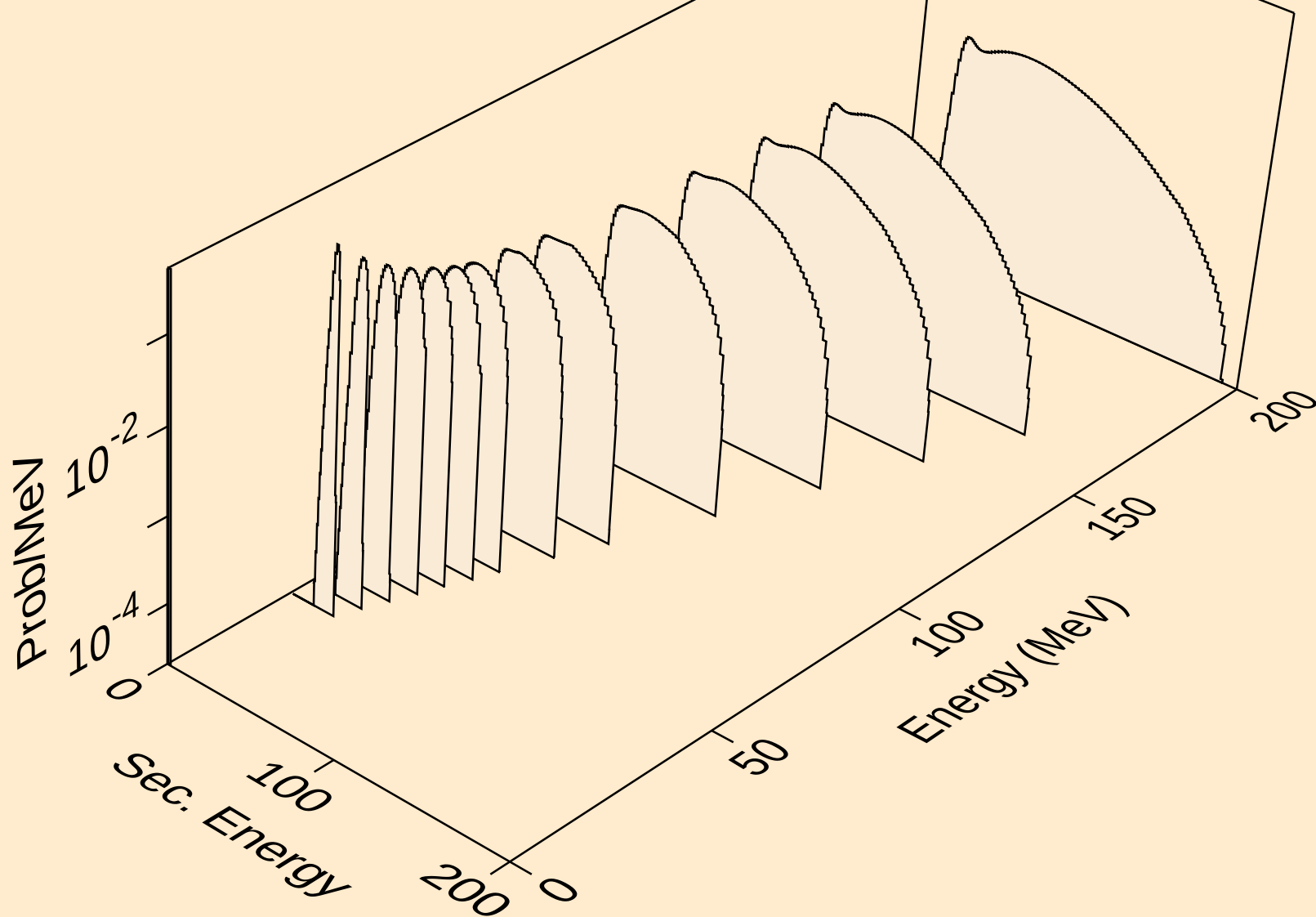
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,n*)t



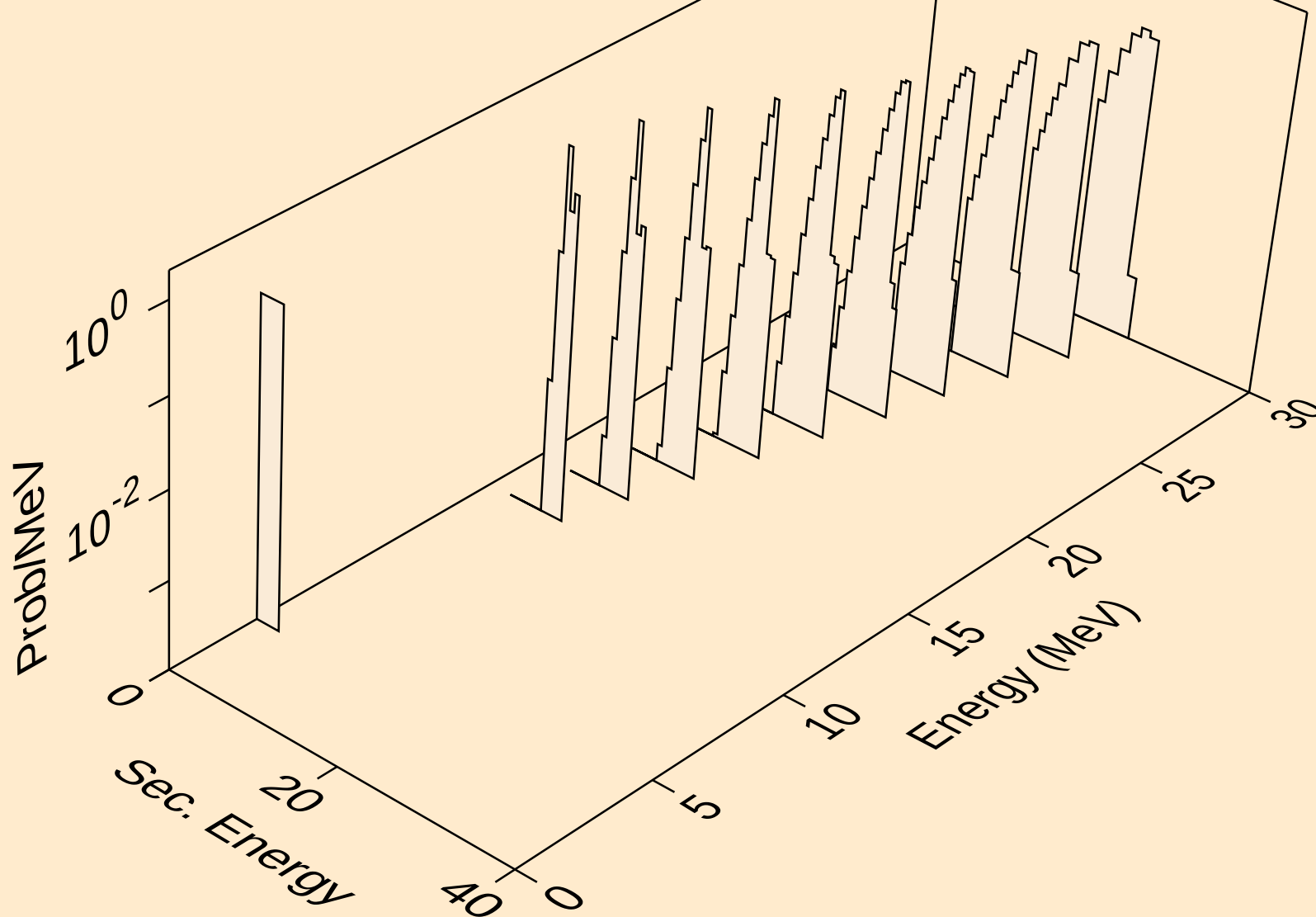
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,t)



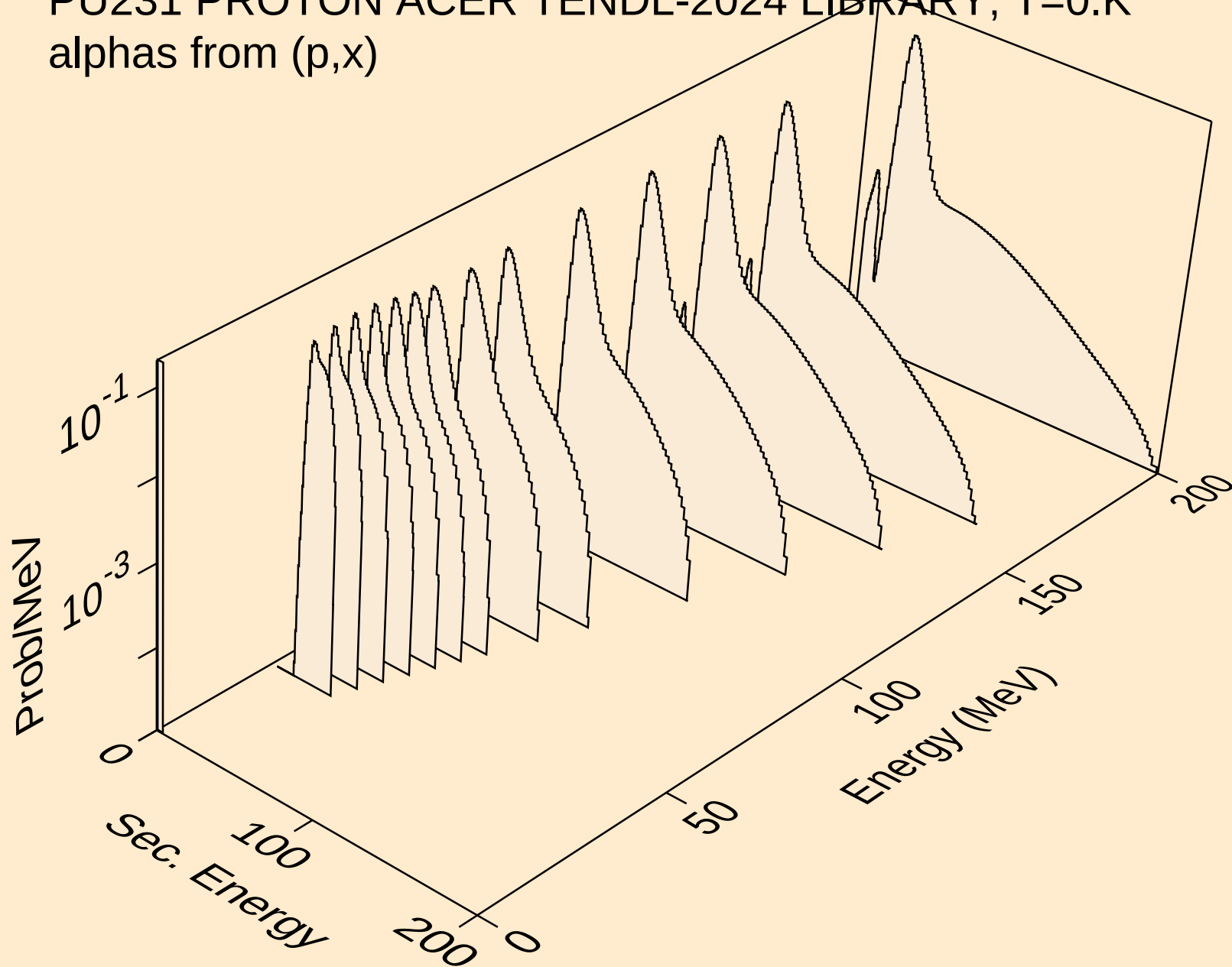
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,x)



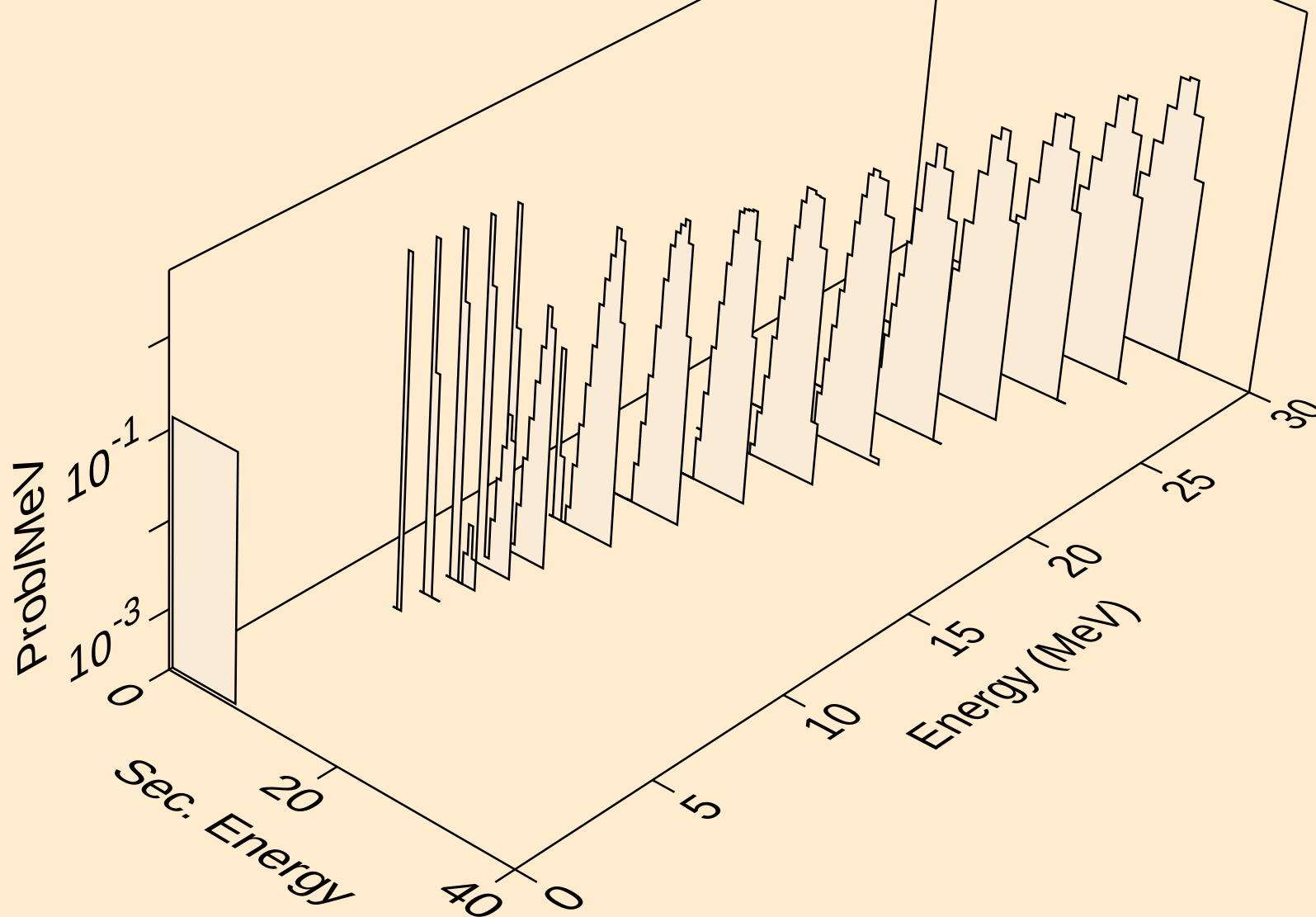
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,he3)



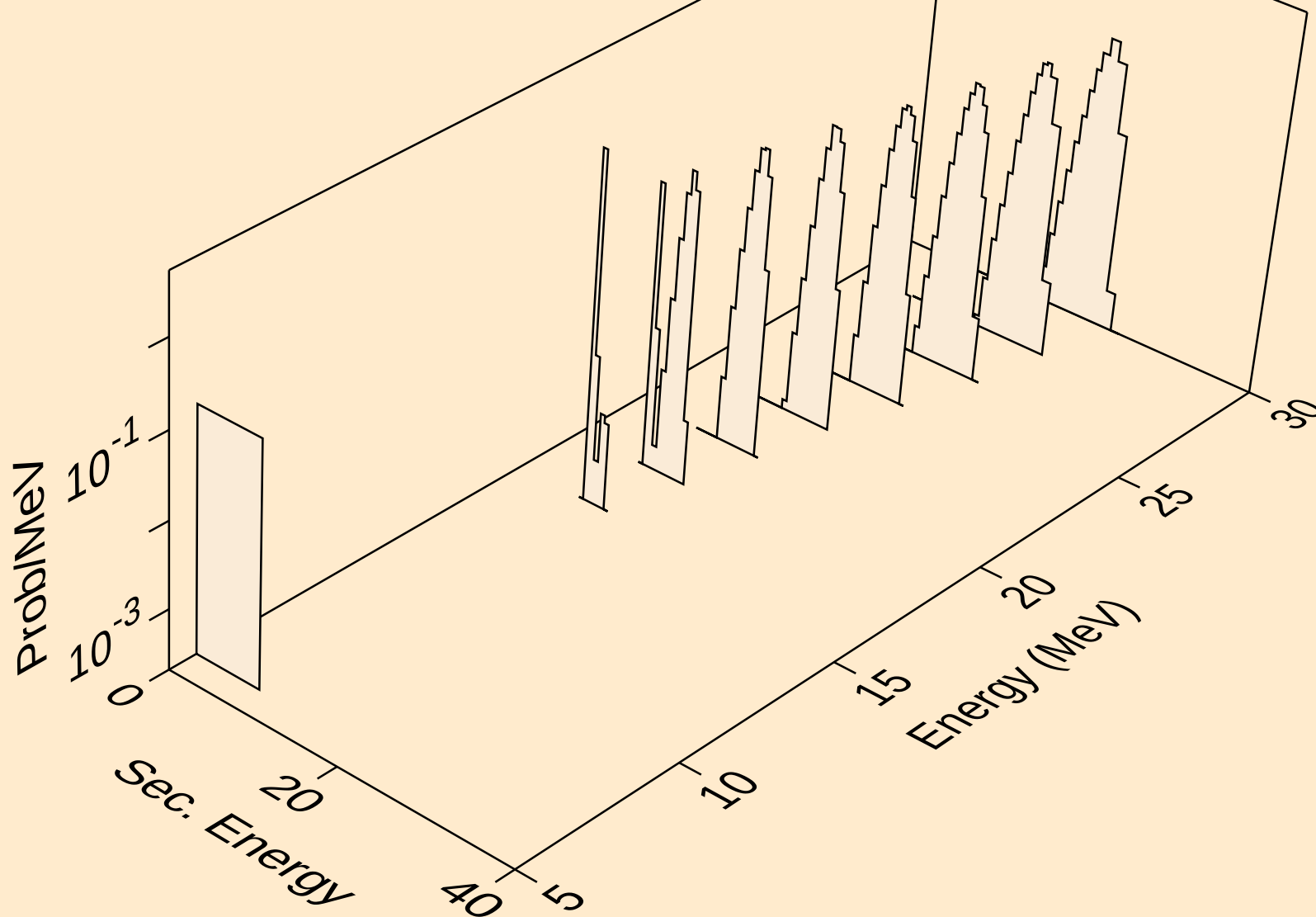
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,x)



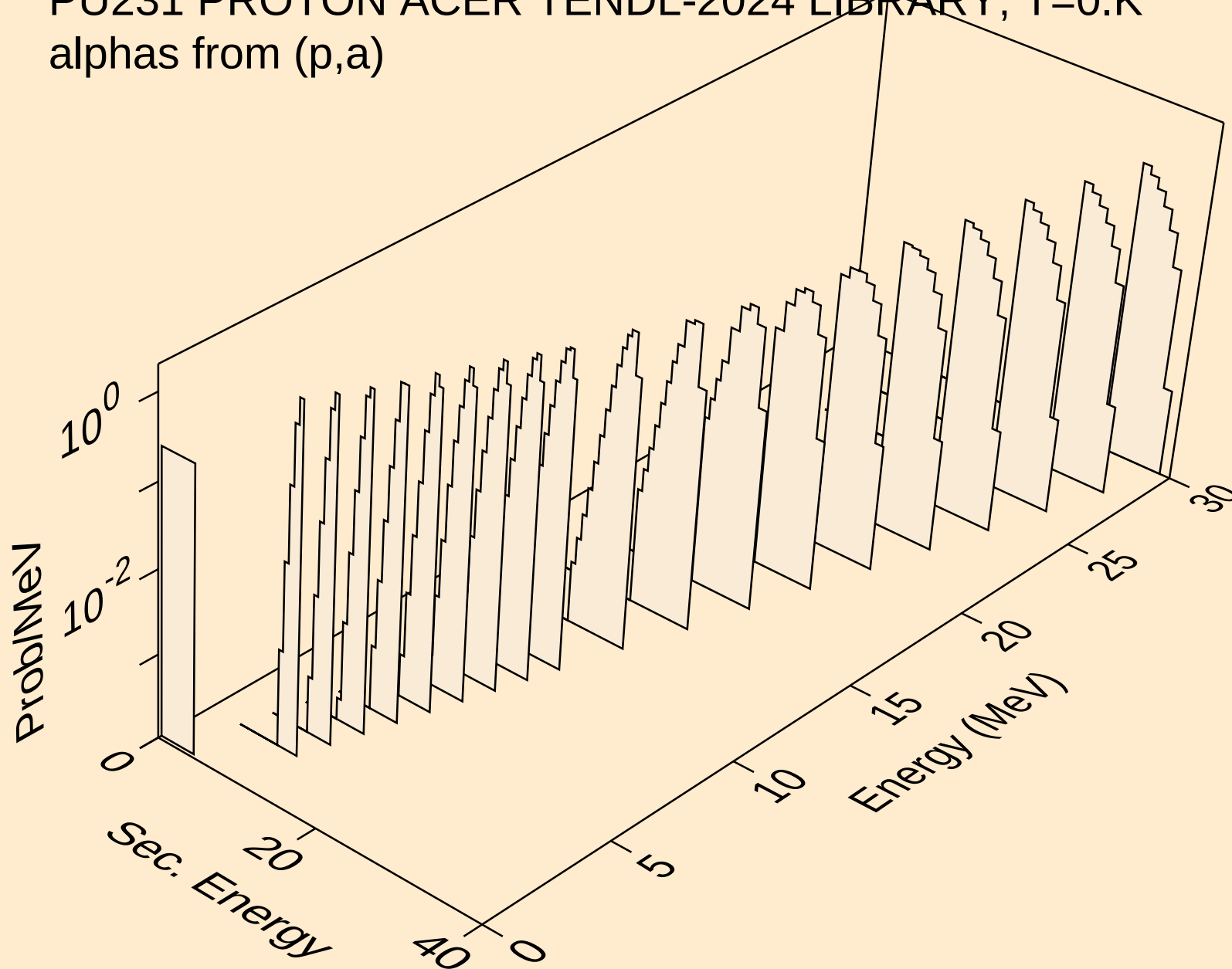
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)a



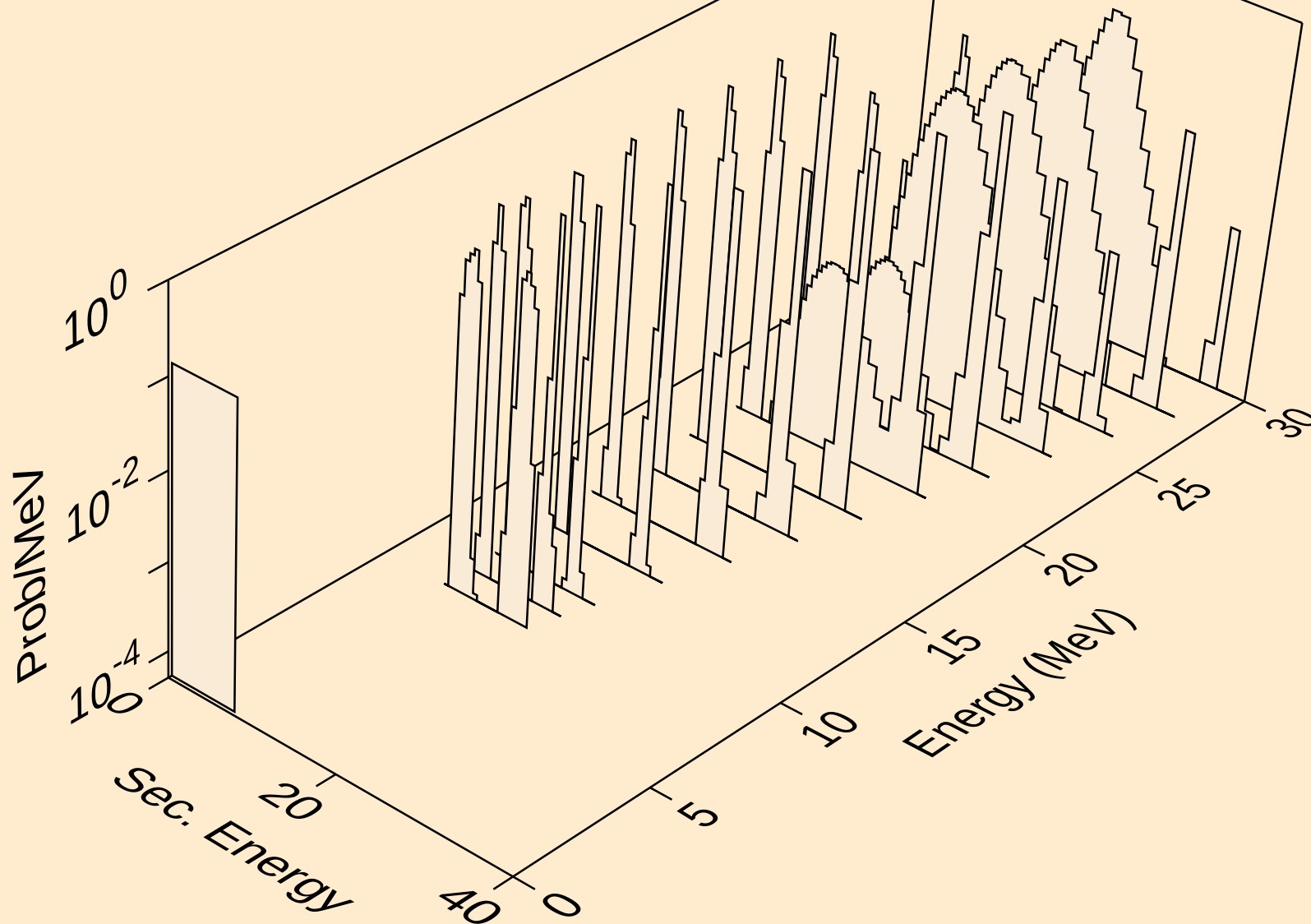
PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2n)a



PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,a)



PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2a)



PU231 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,pa)

