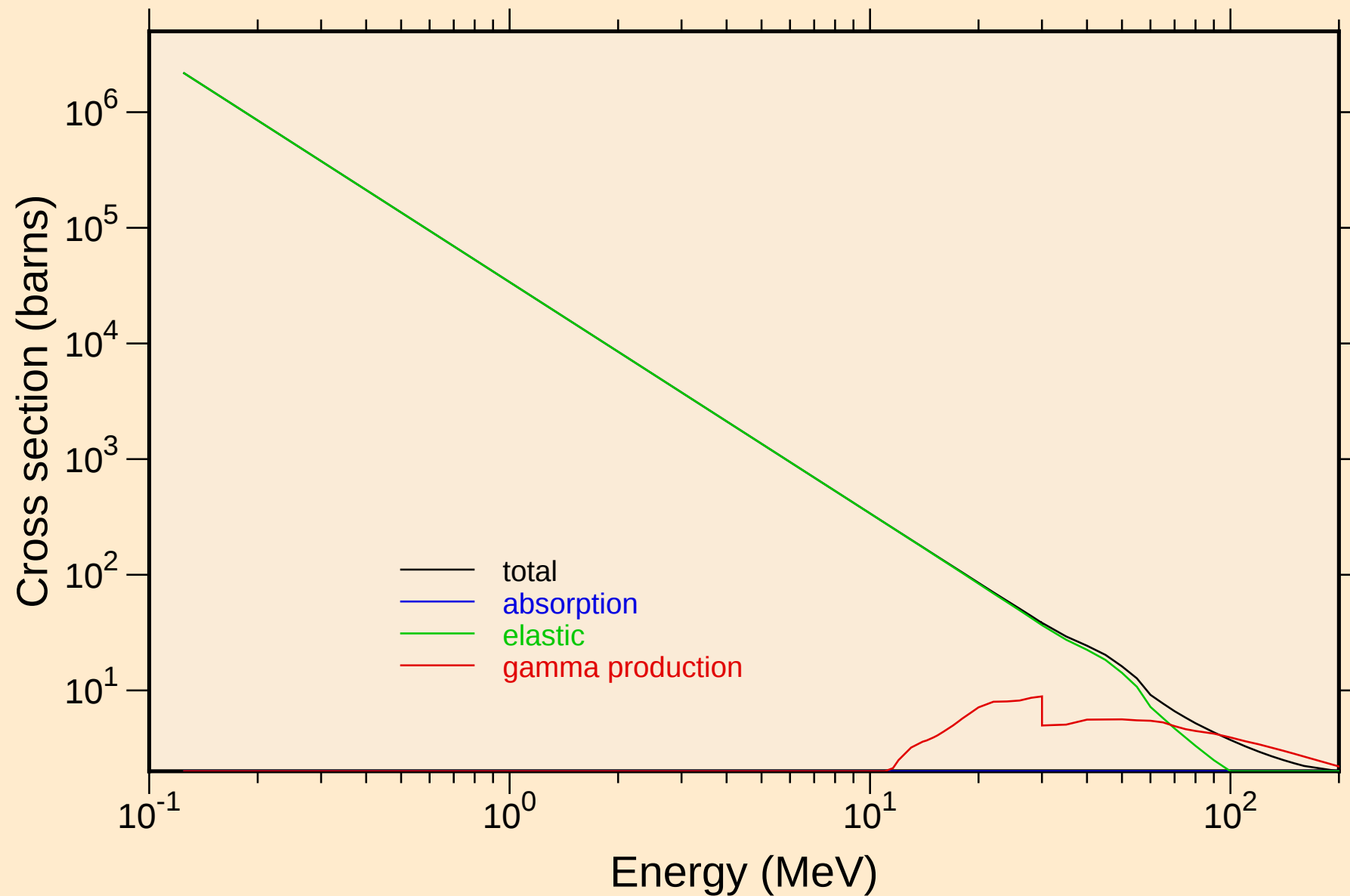


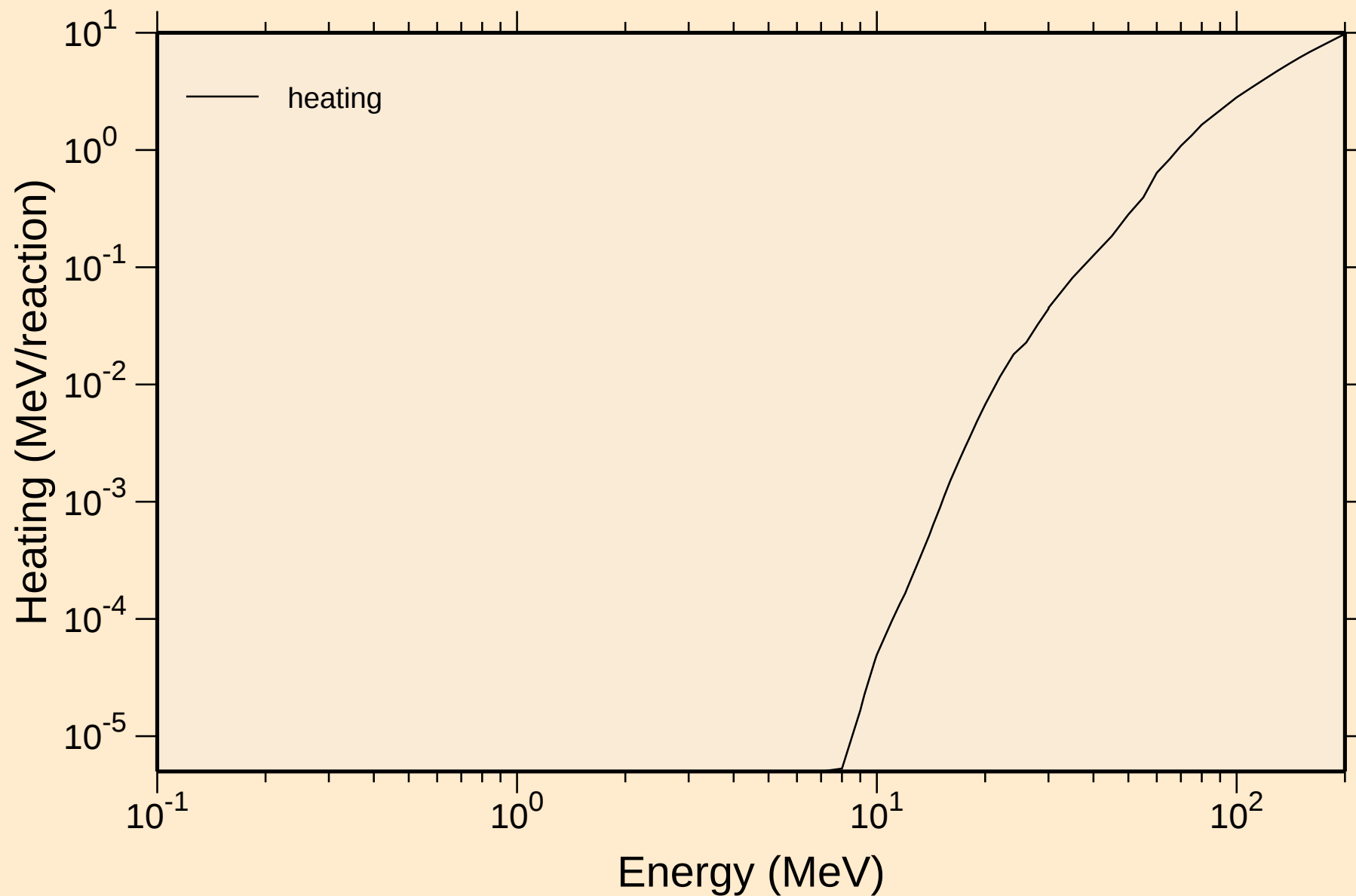
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



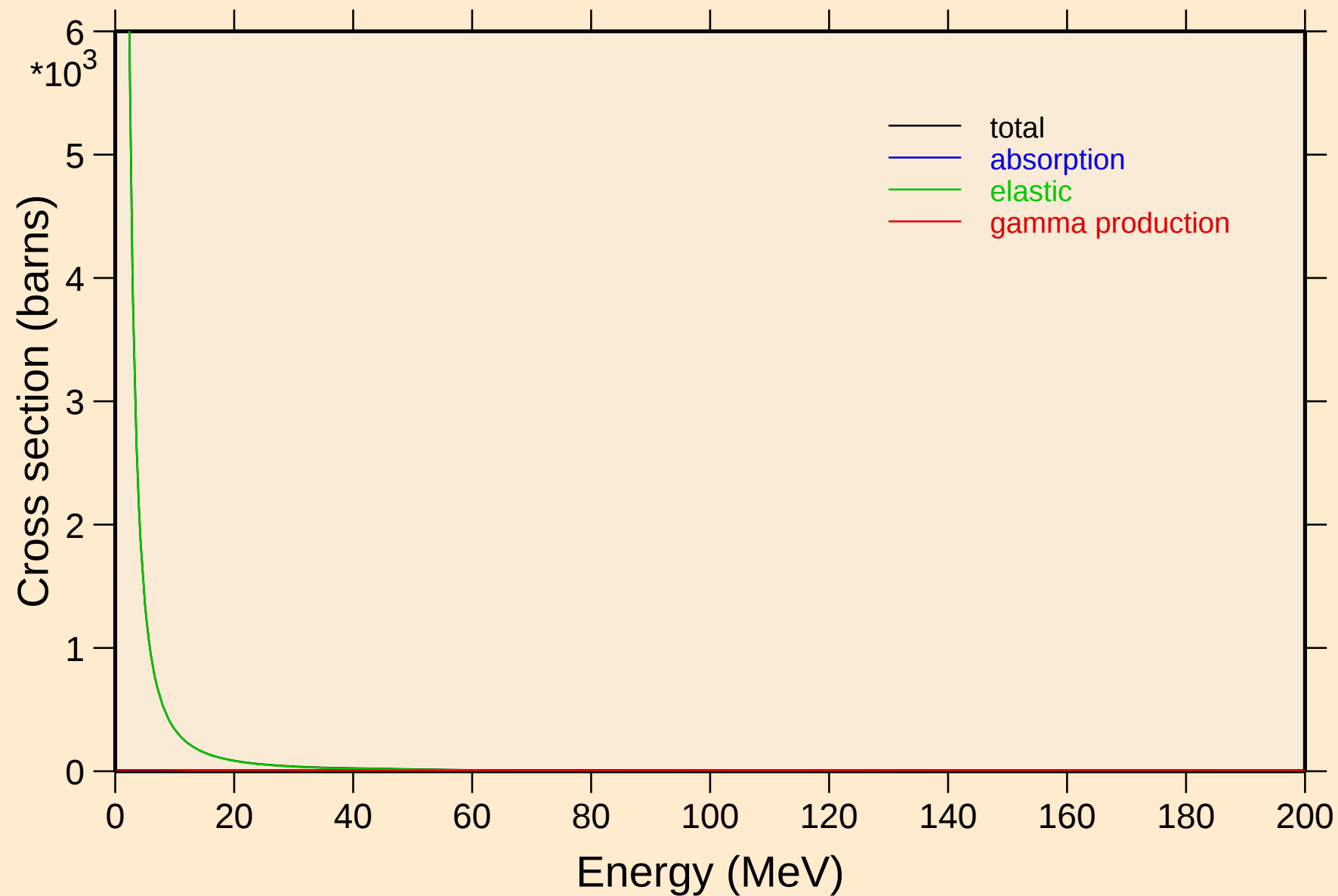
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



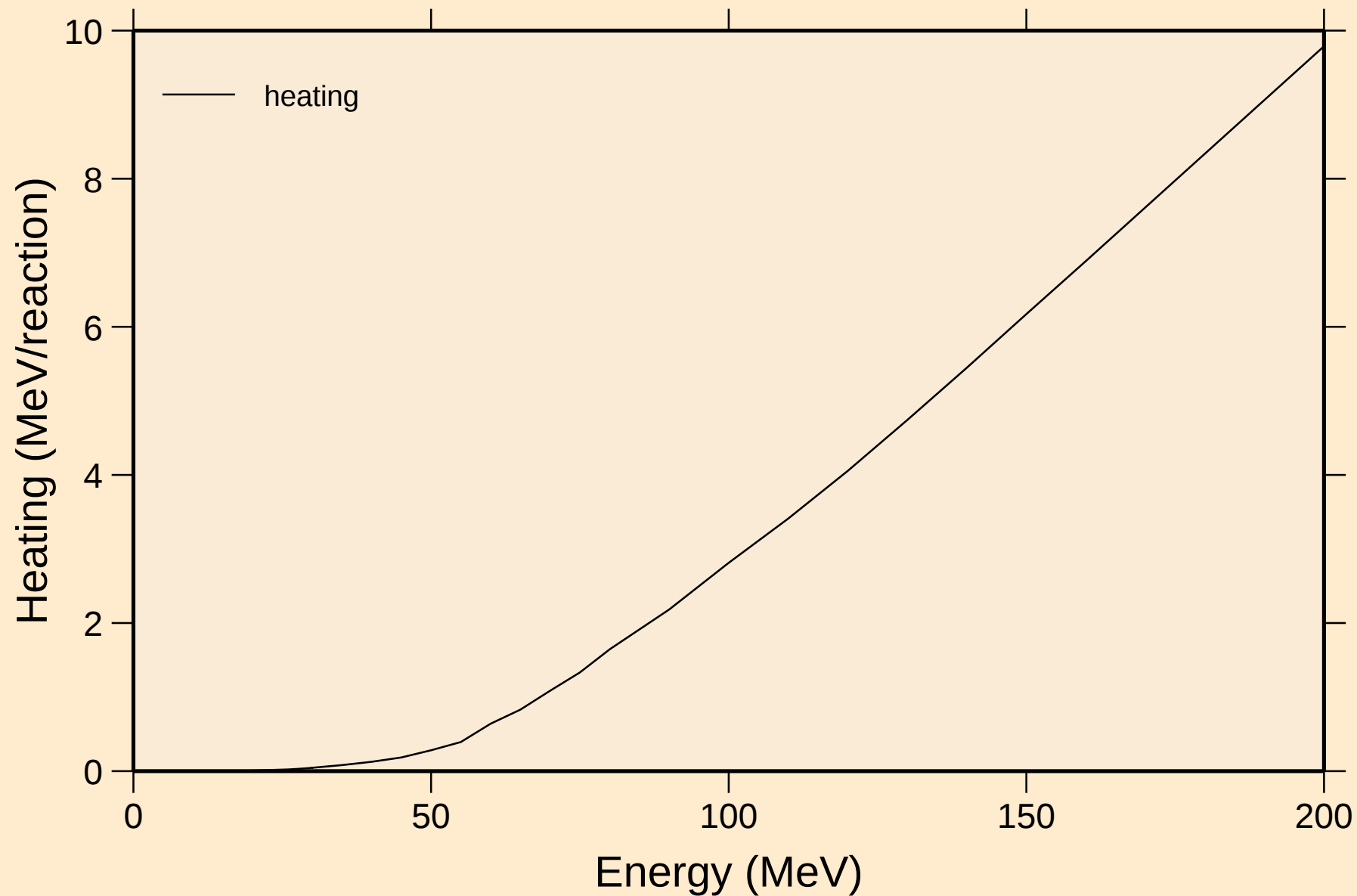
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



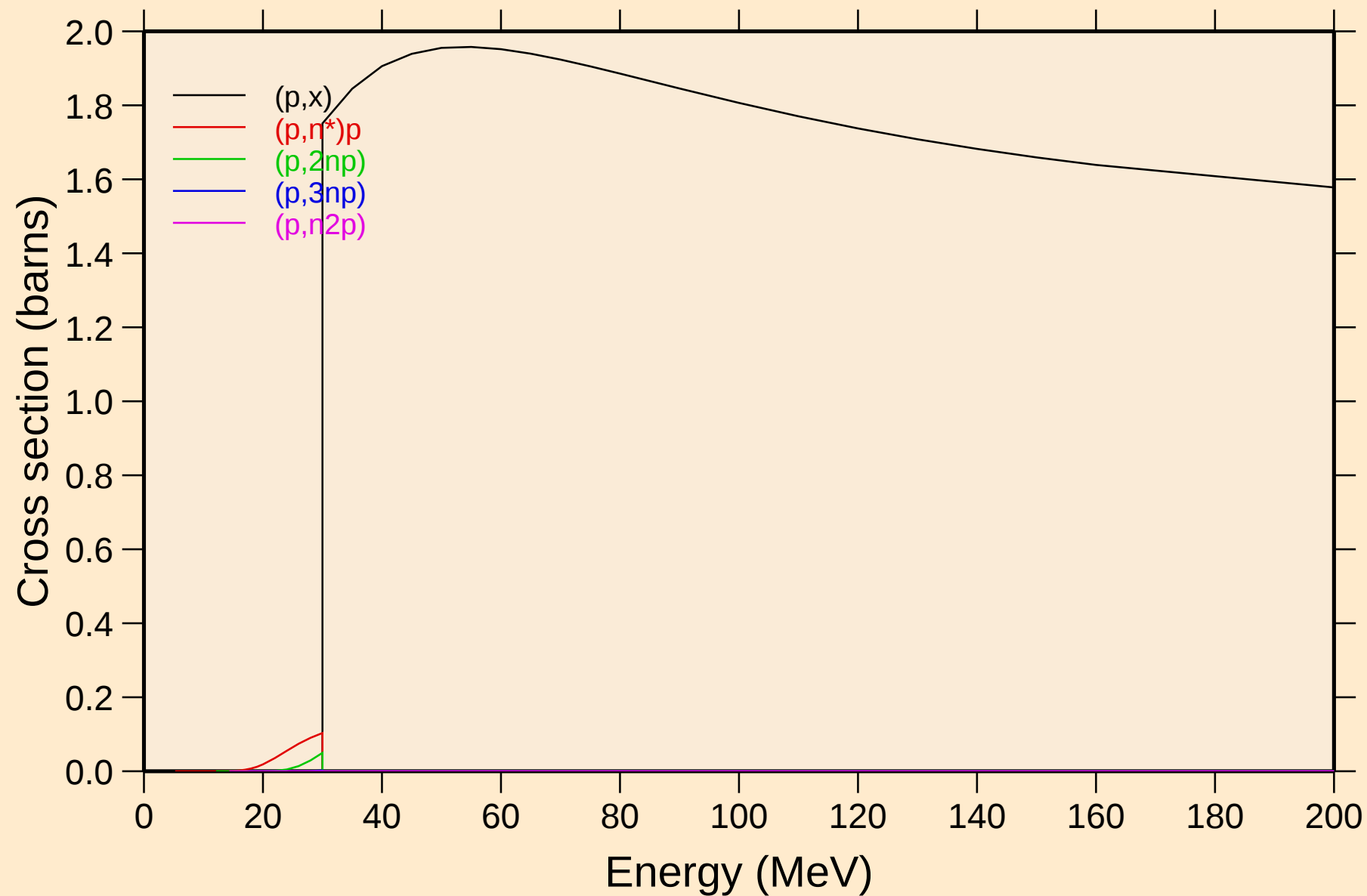
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



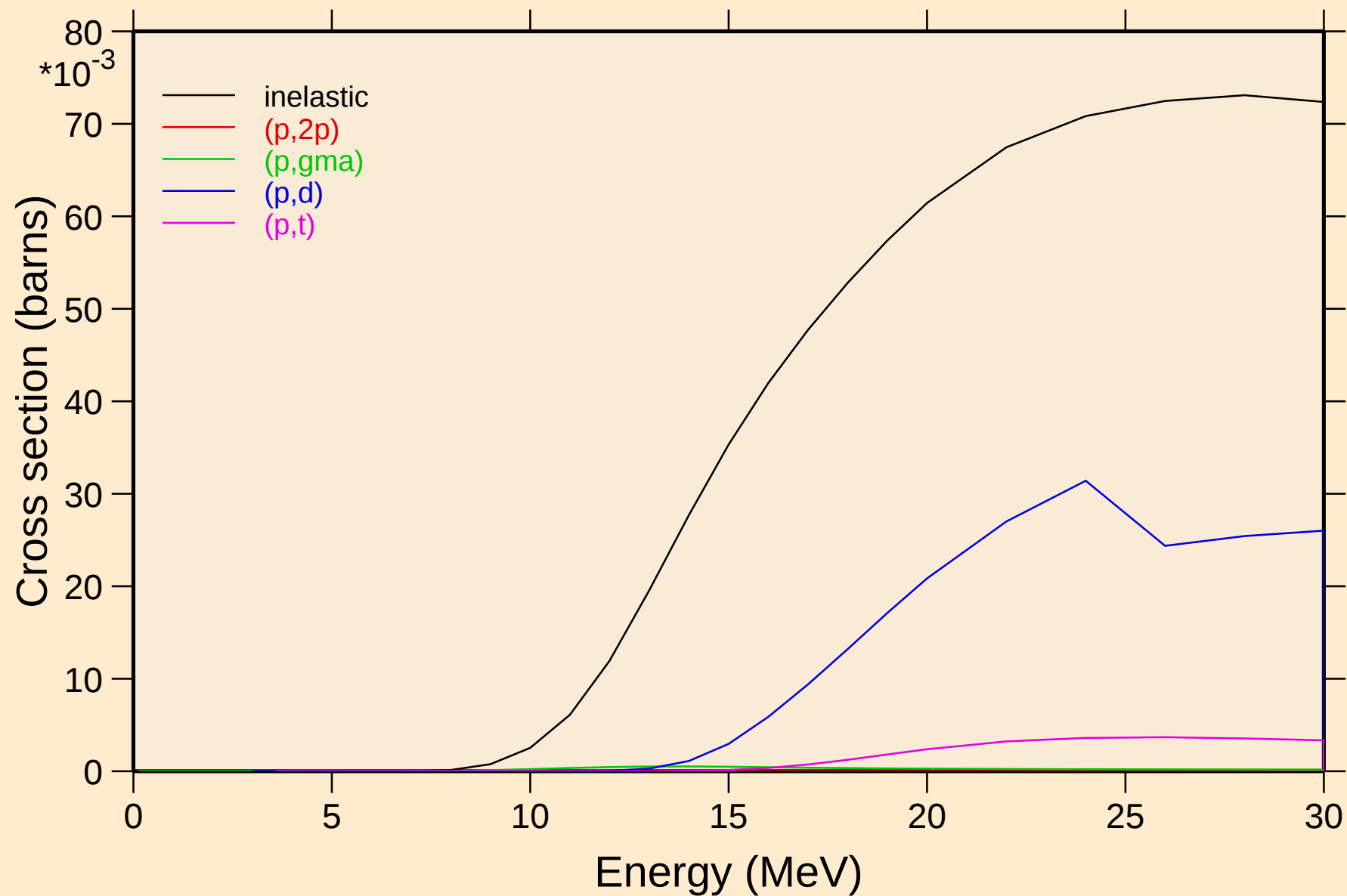
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



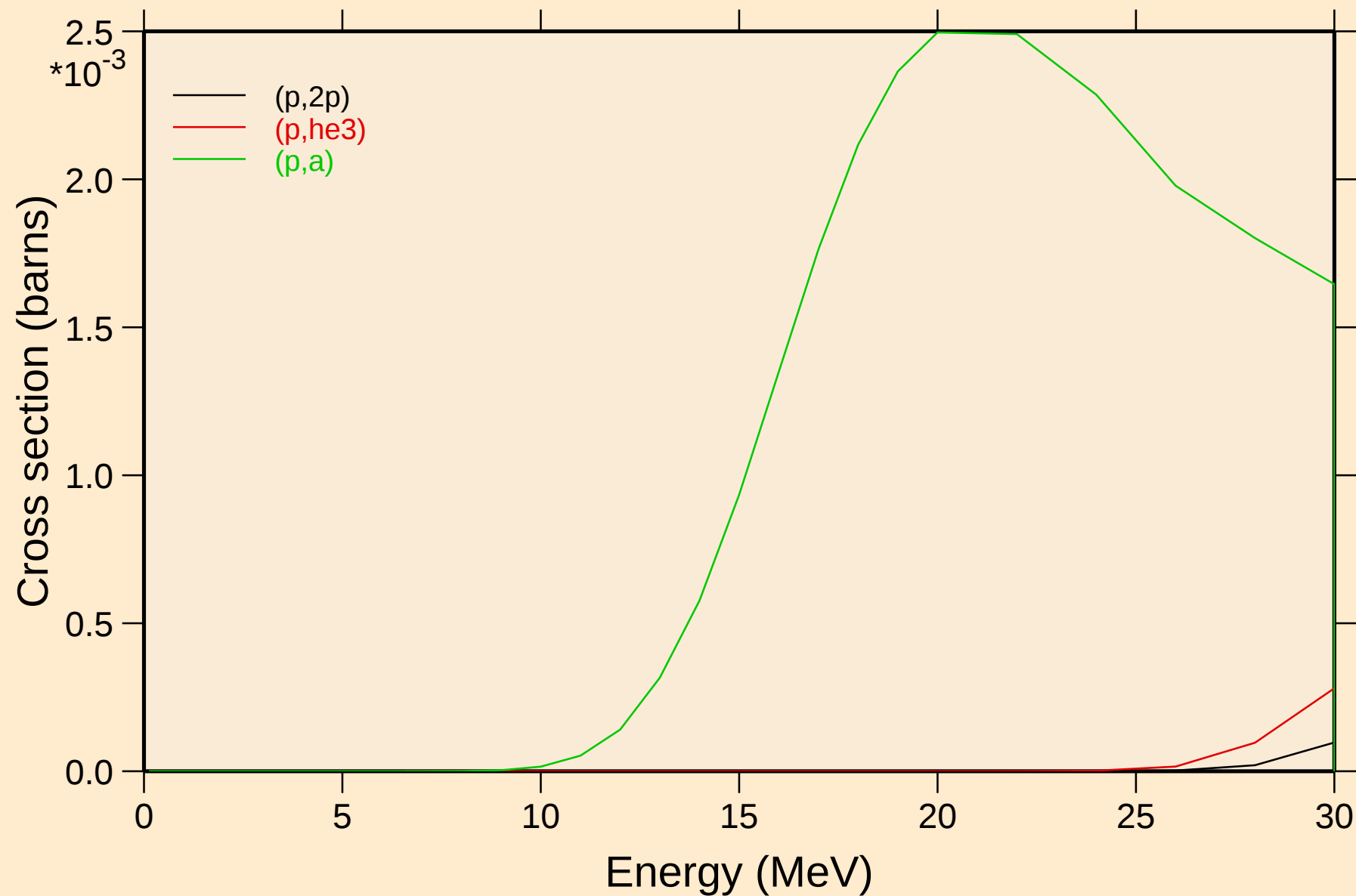
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



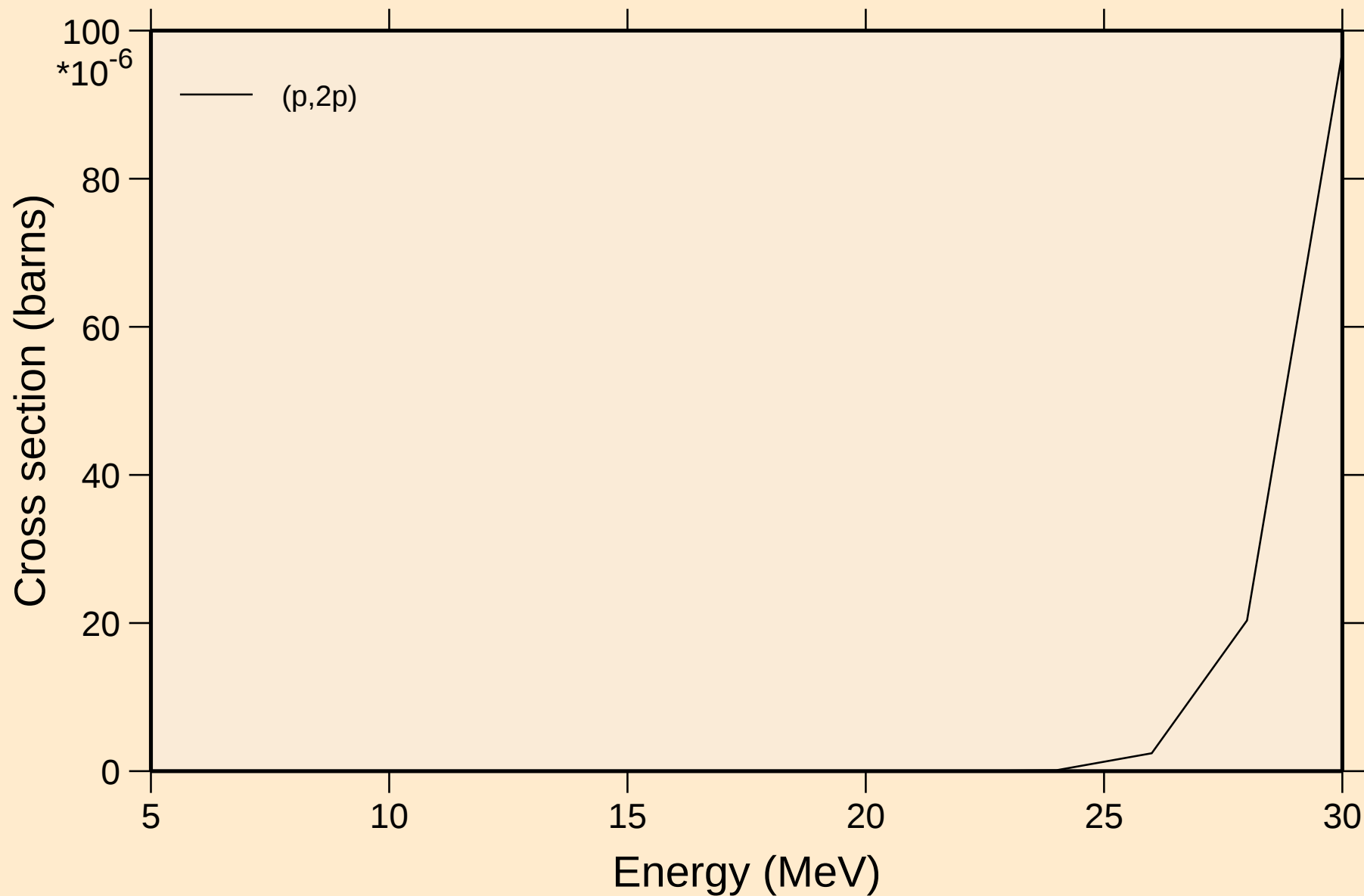
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

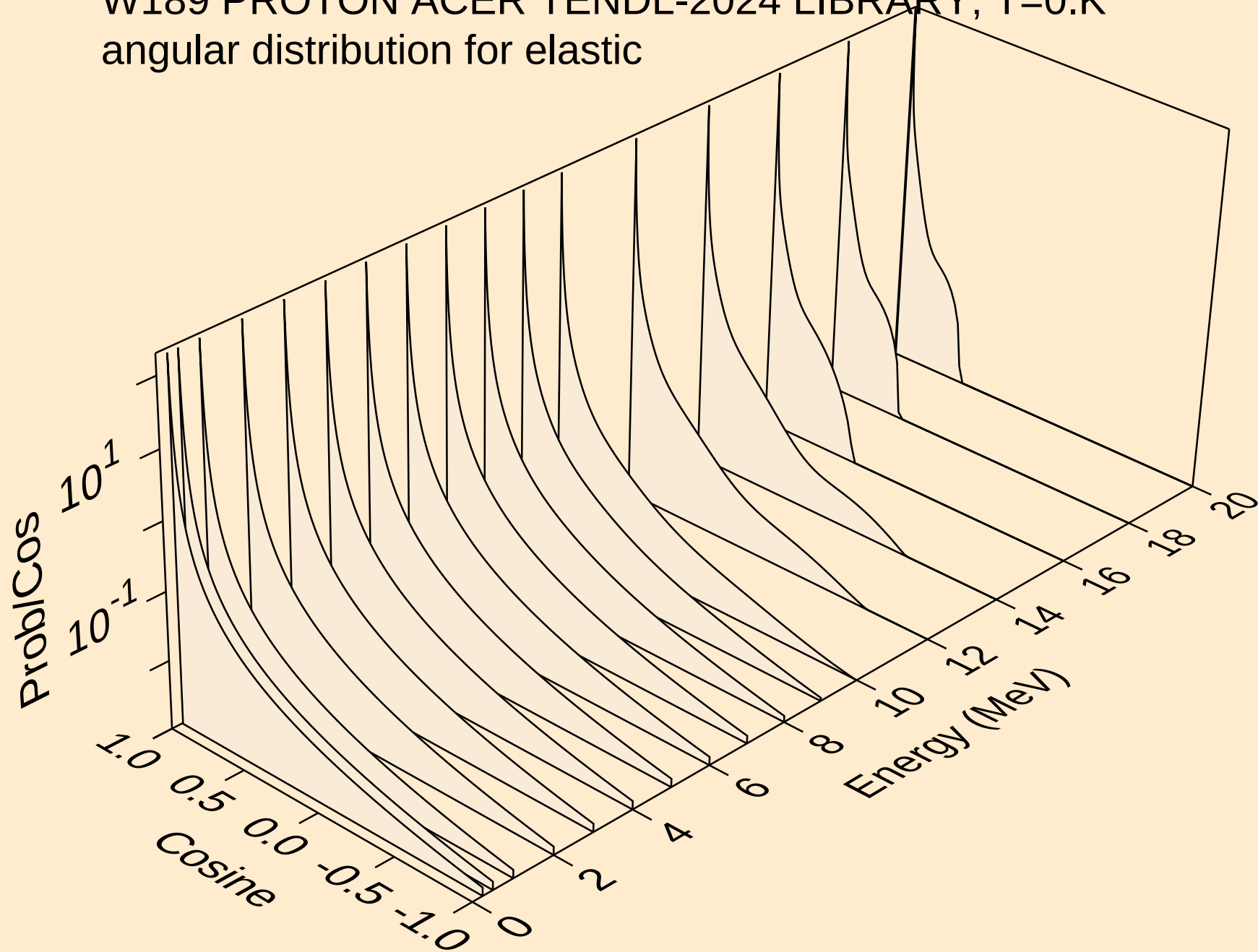


W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

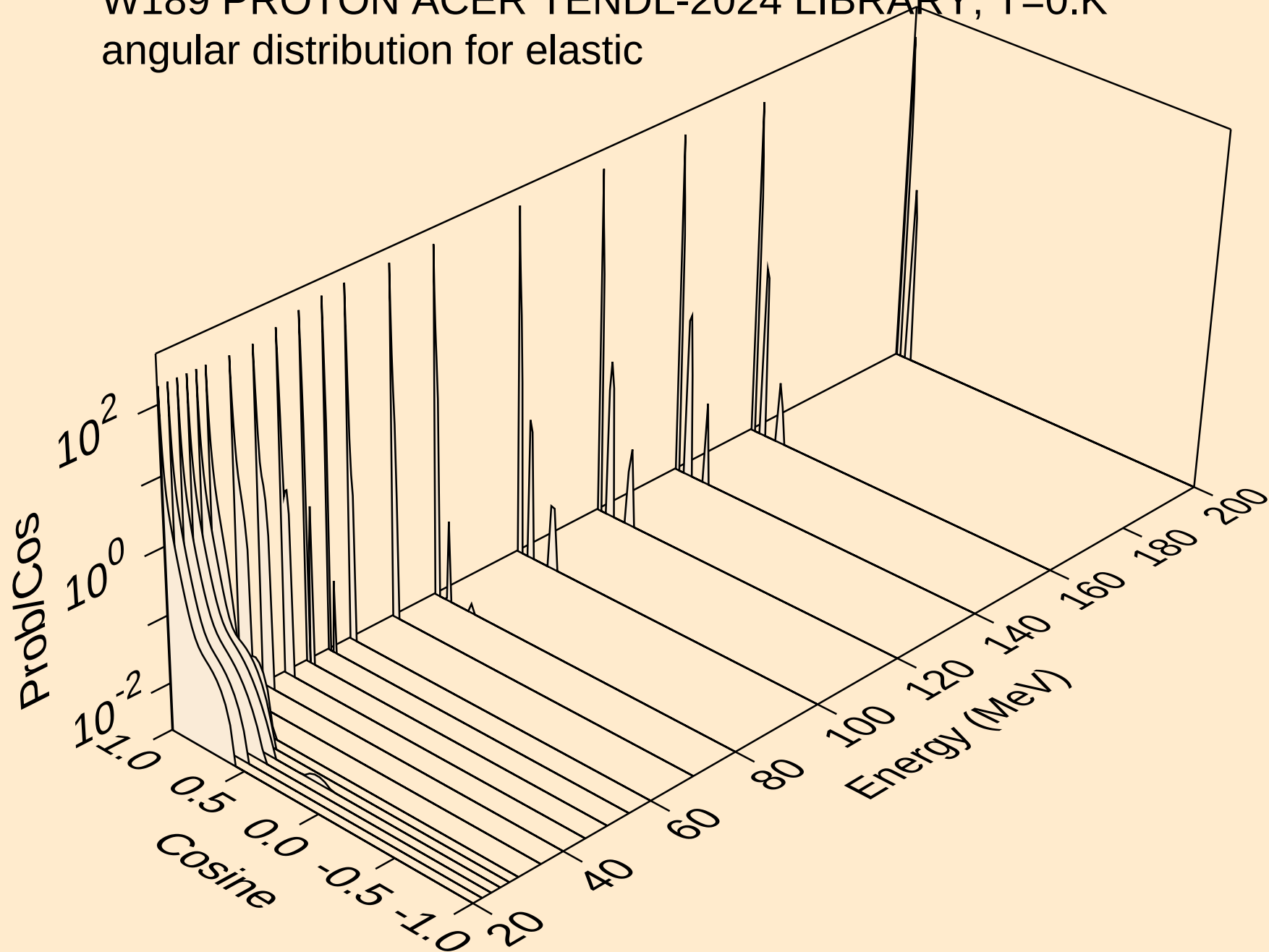
Threshold reactions



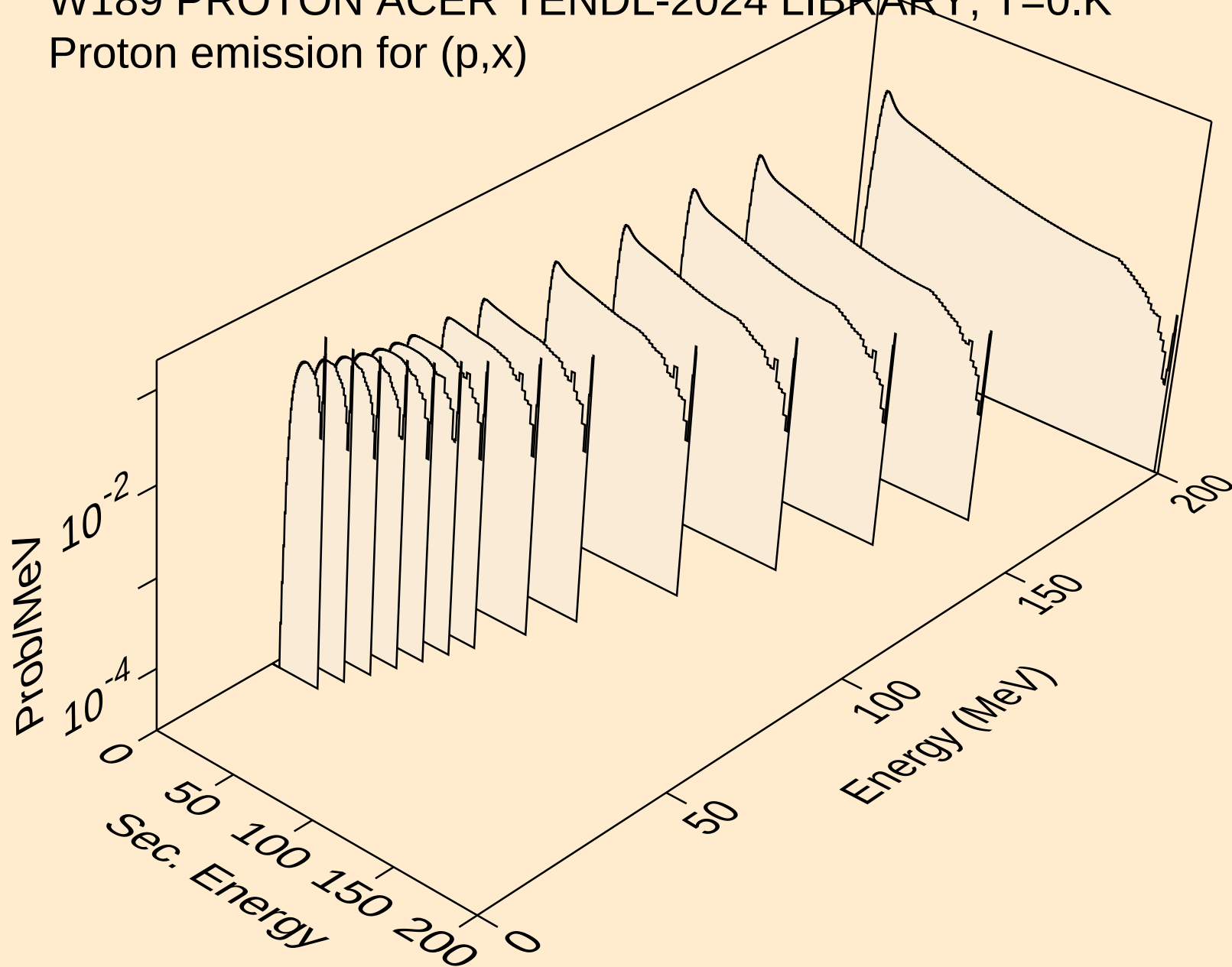
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

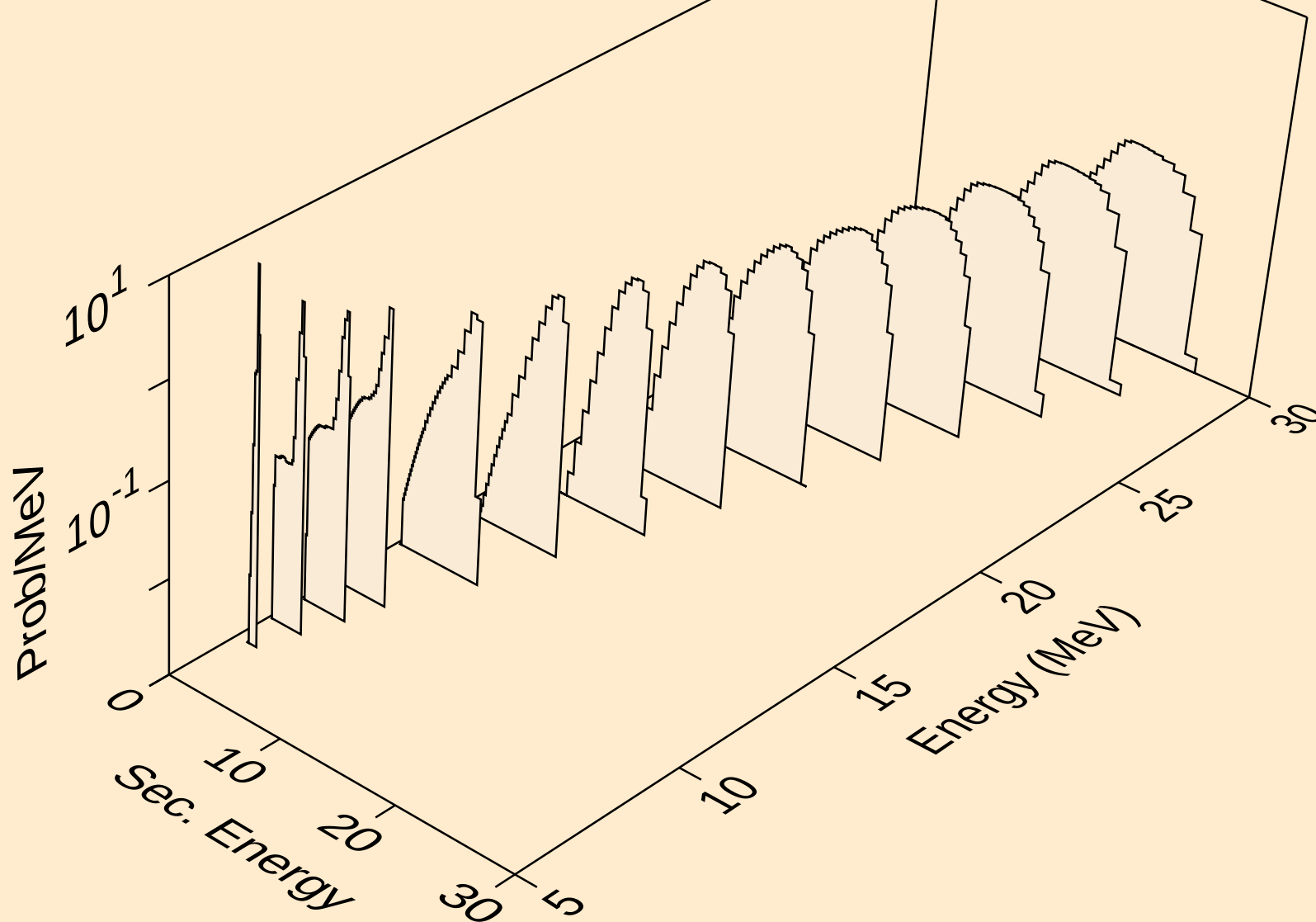


W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,x)

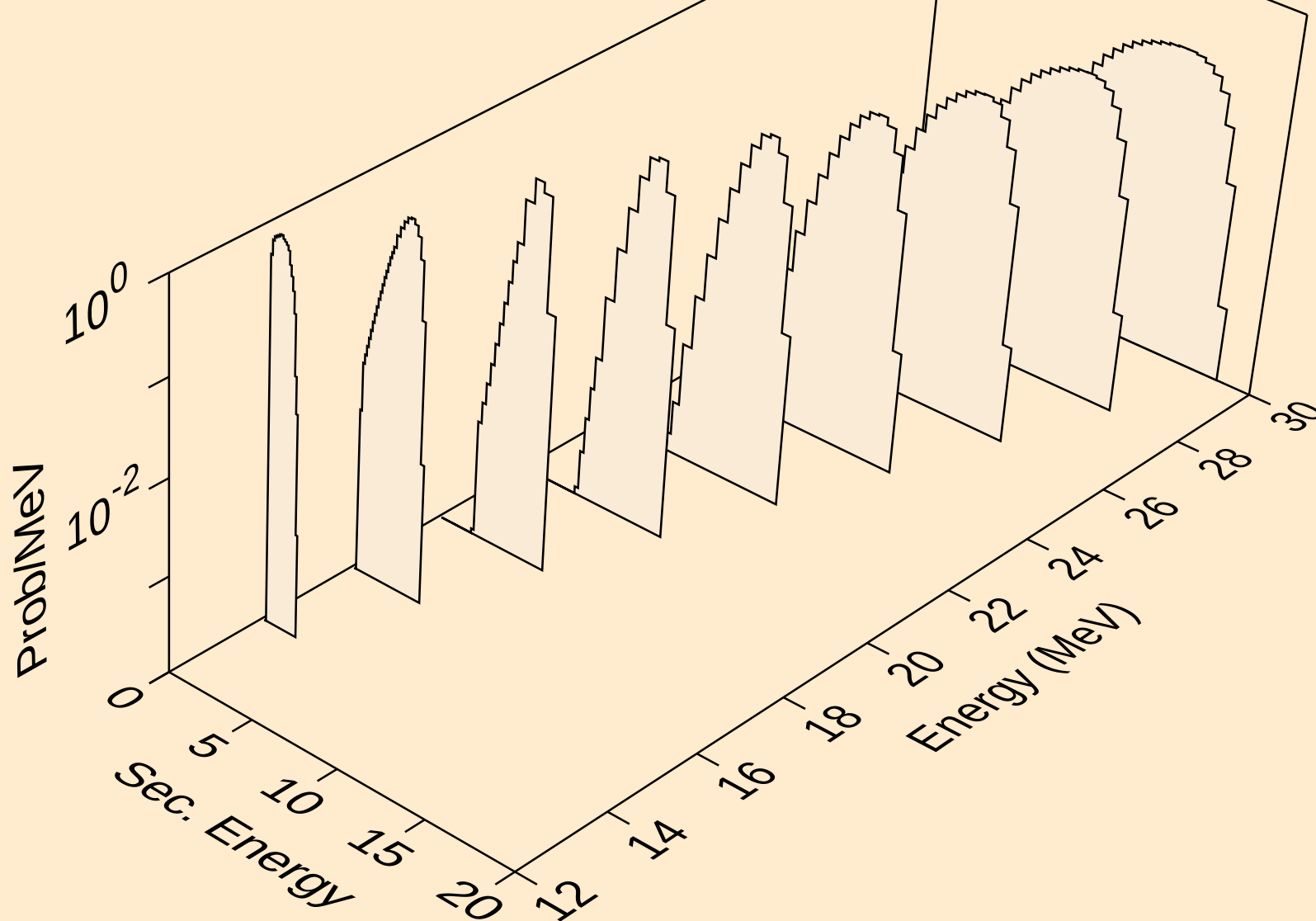


W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

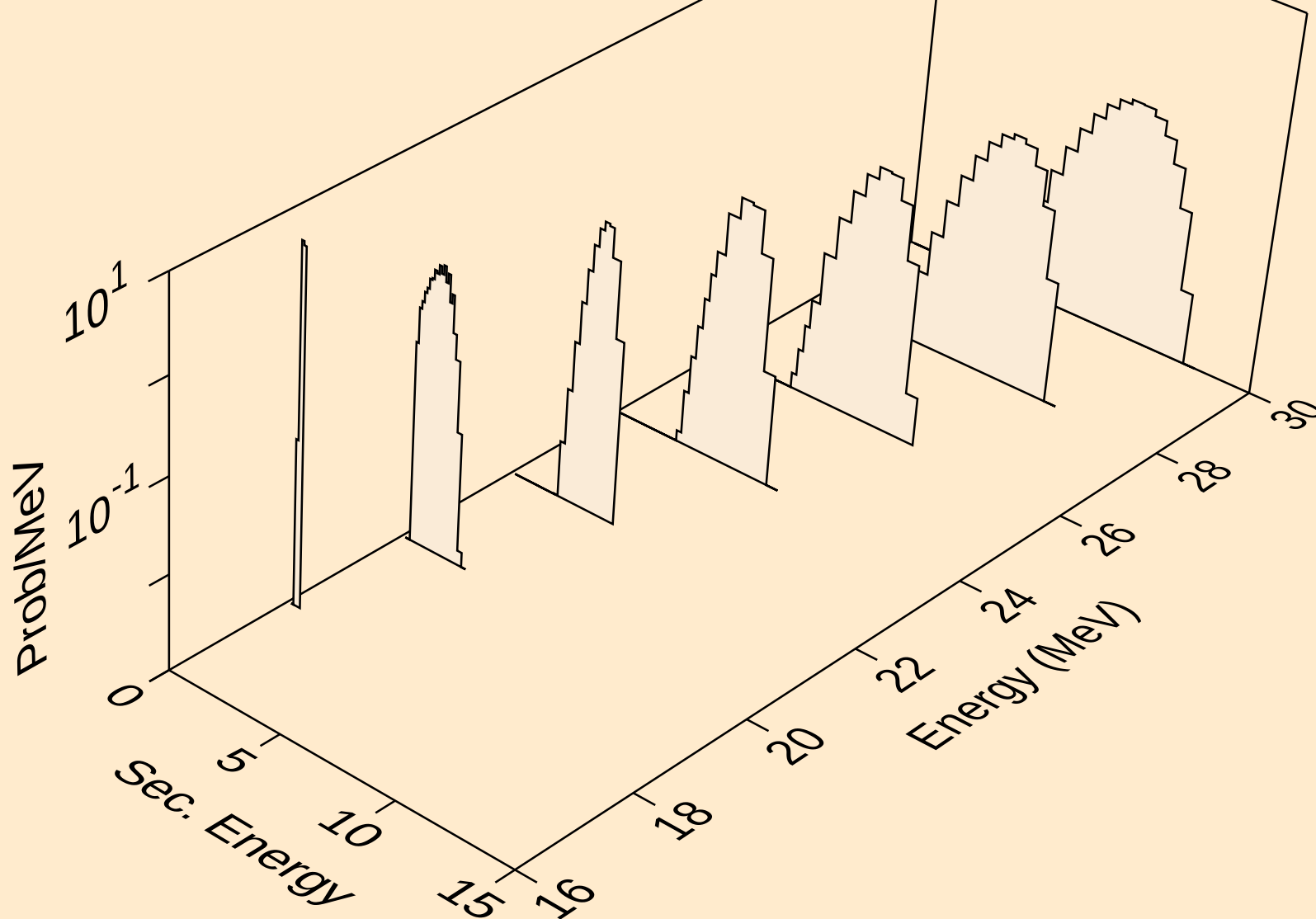
Proton emission for (p,n*)p



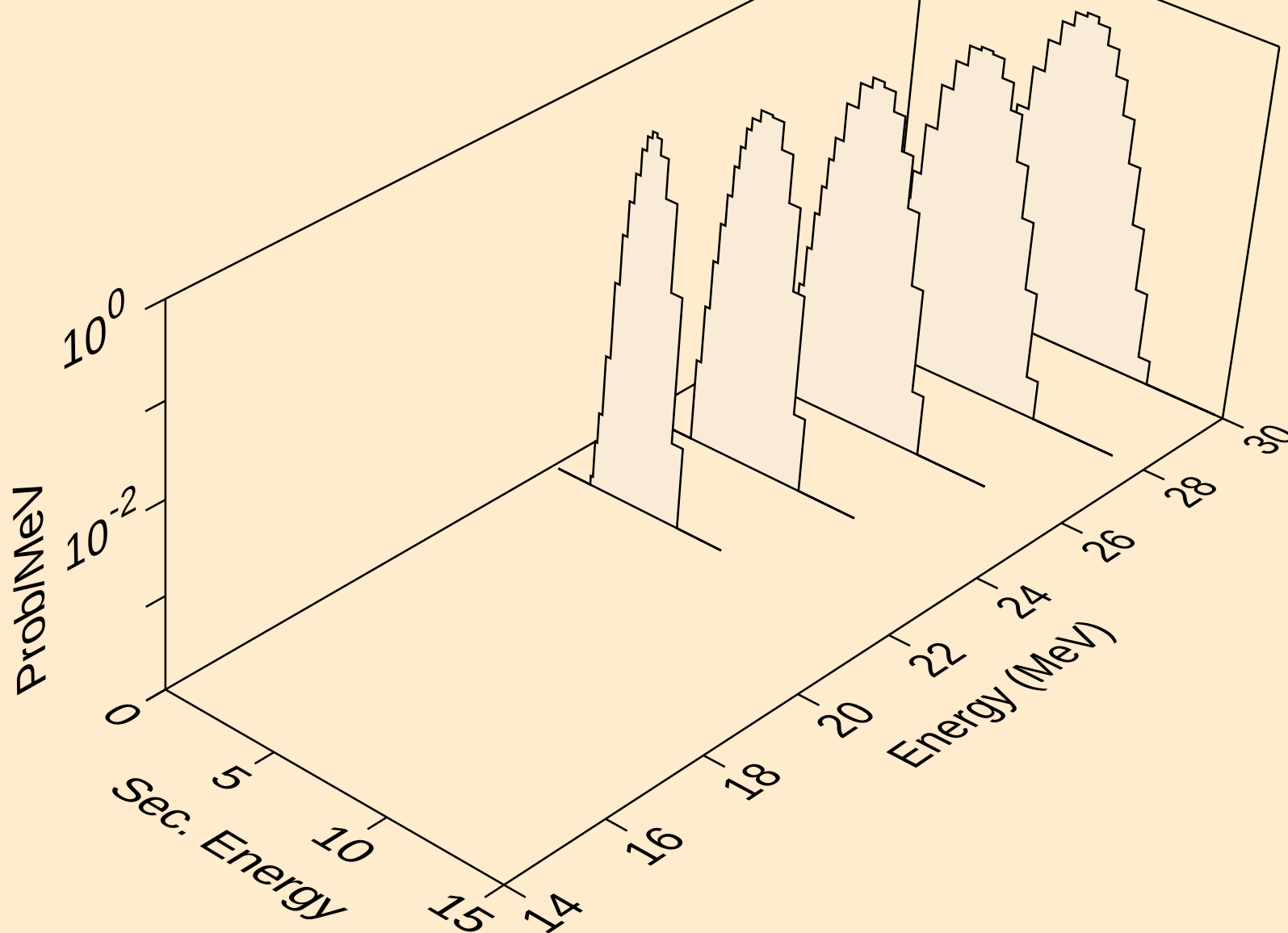
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2np)



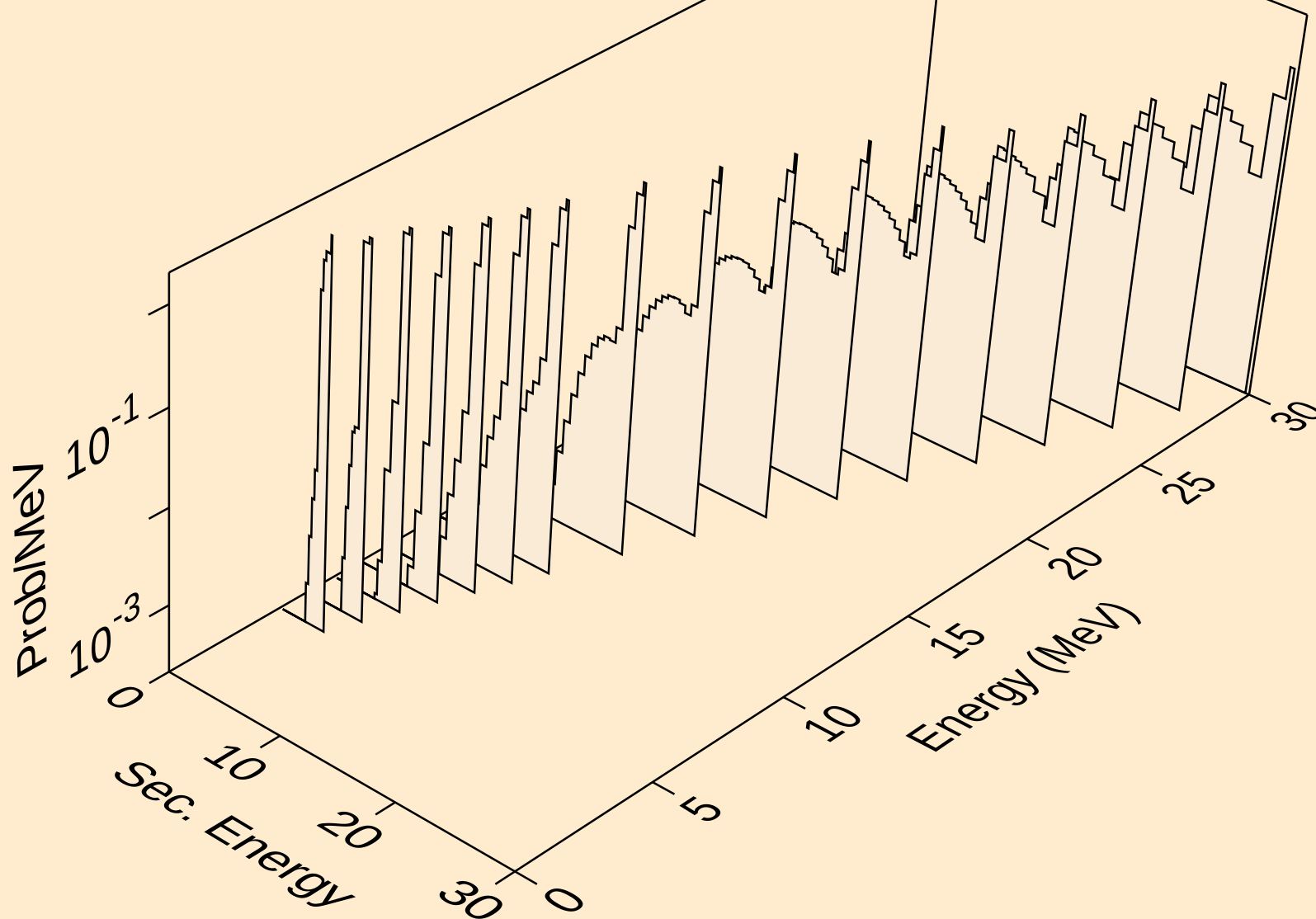
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,3np)



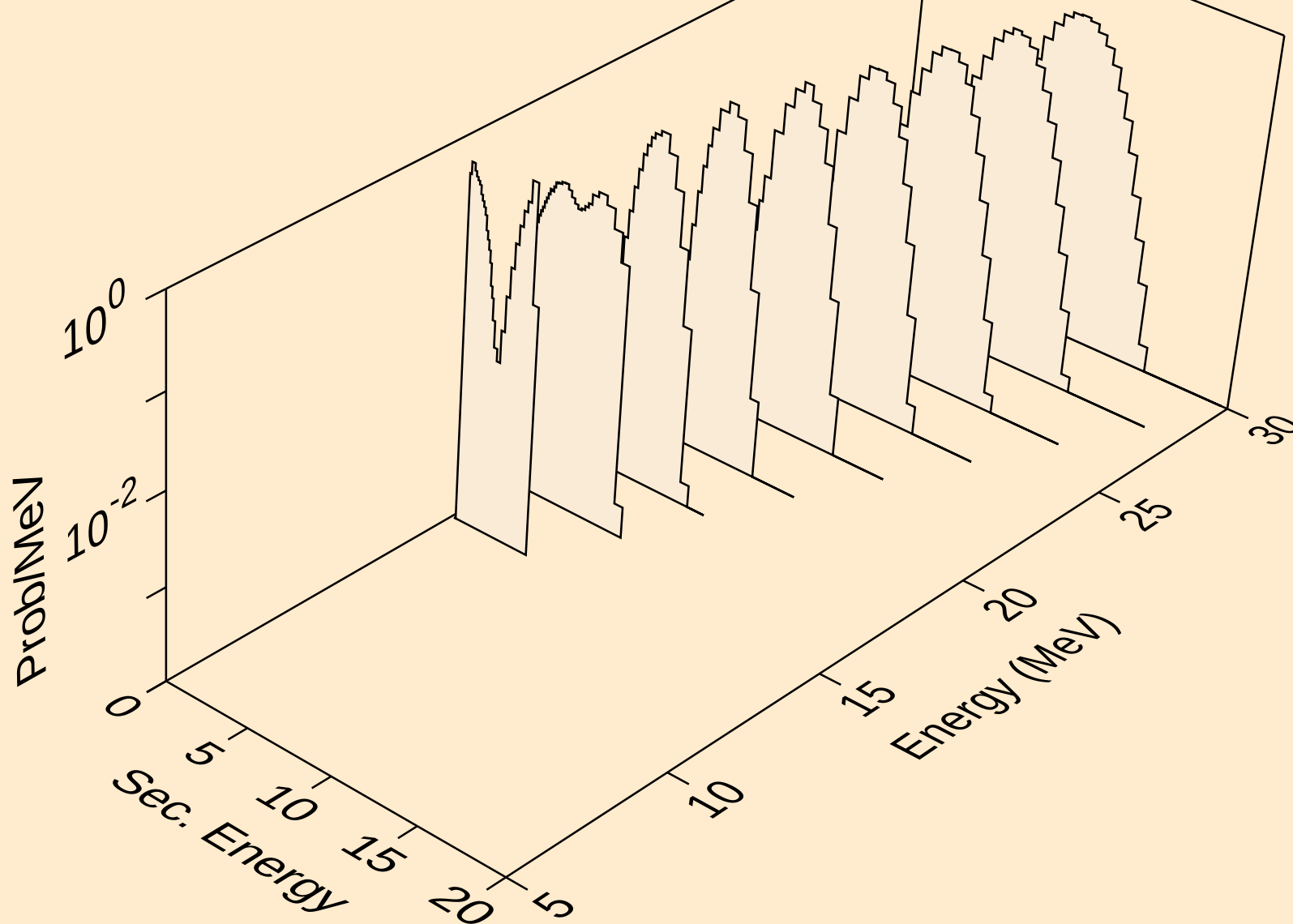
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,n2p)



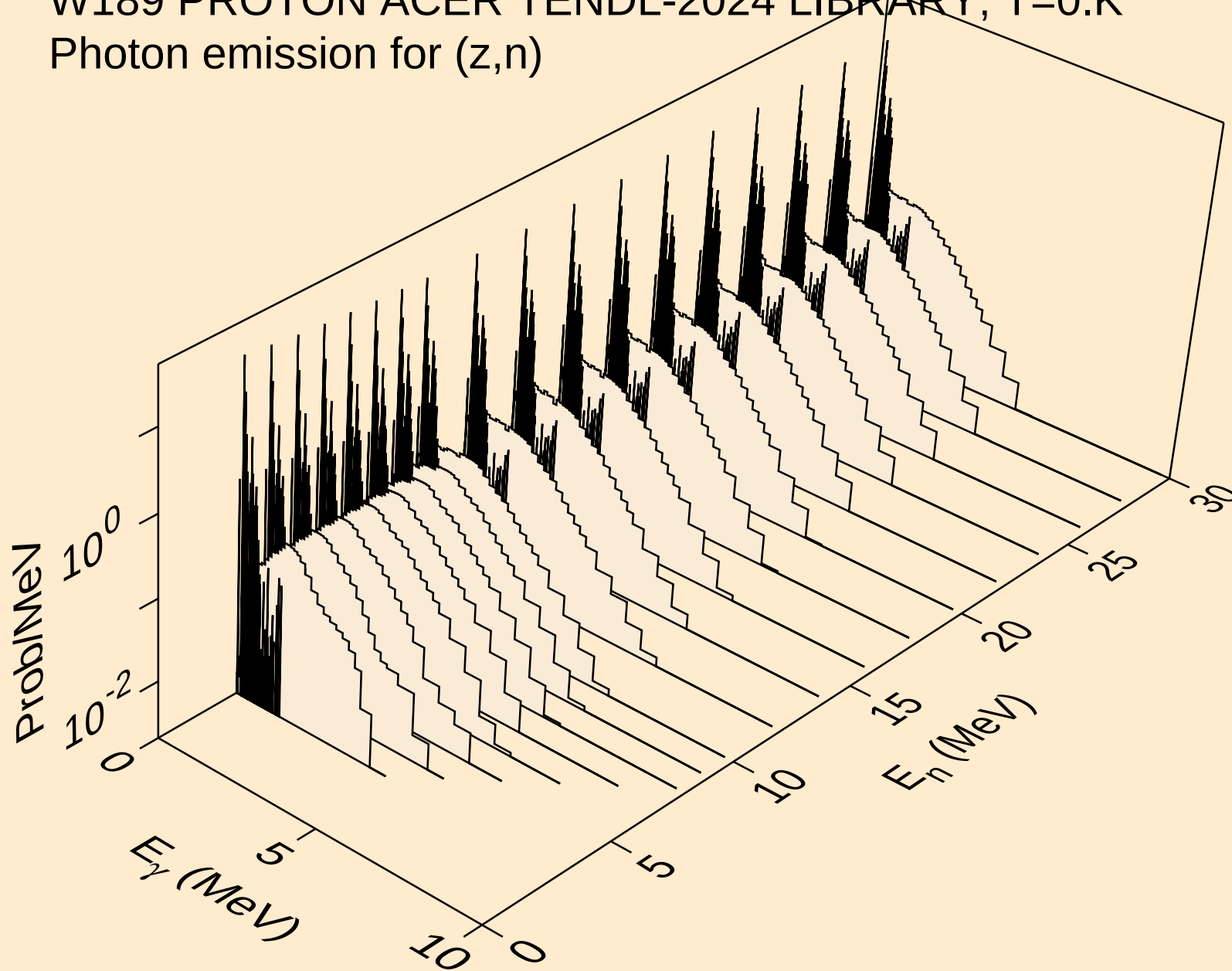
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for inelastic



W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2p)

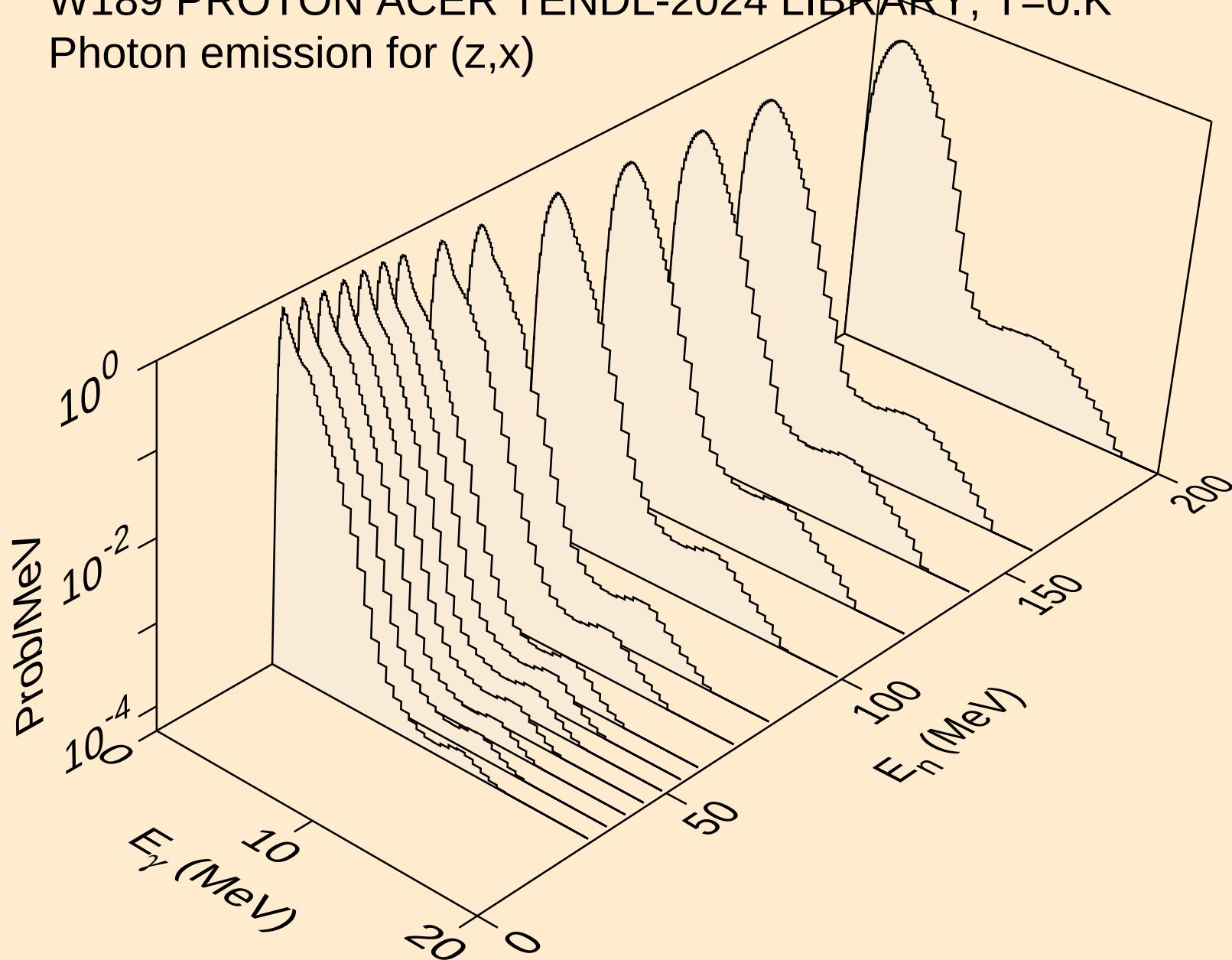


W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

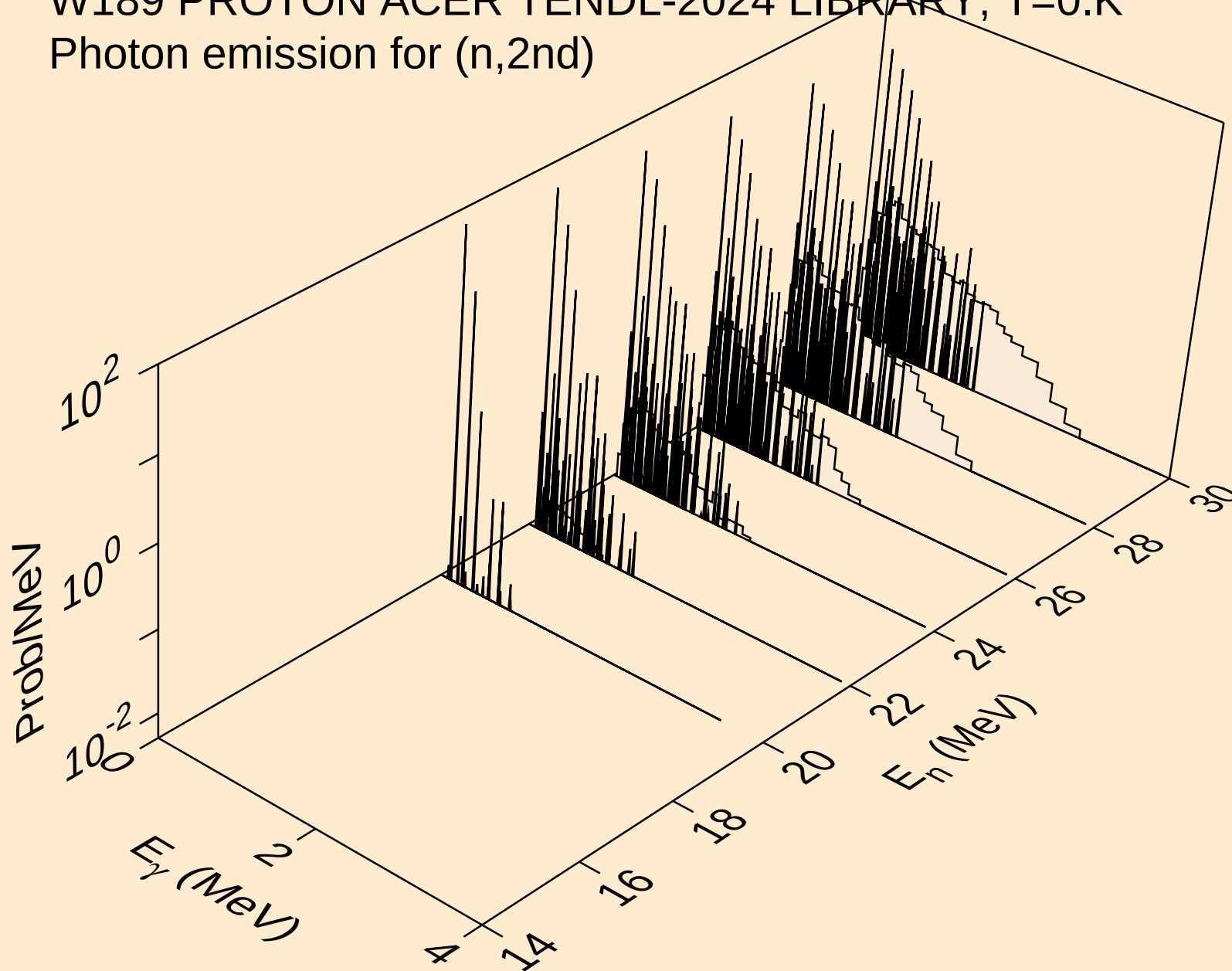


W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

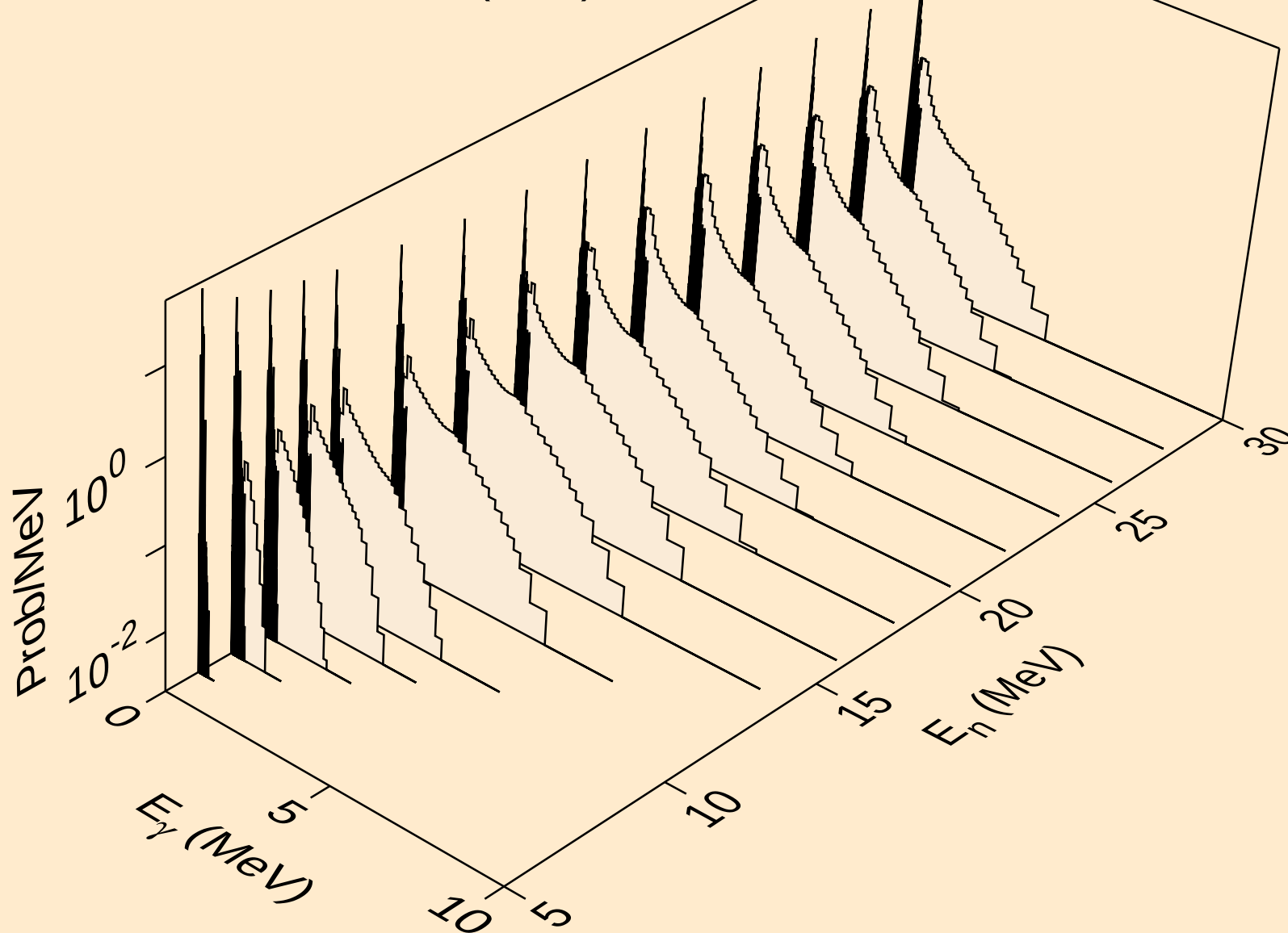
Photon emission for (z,x)



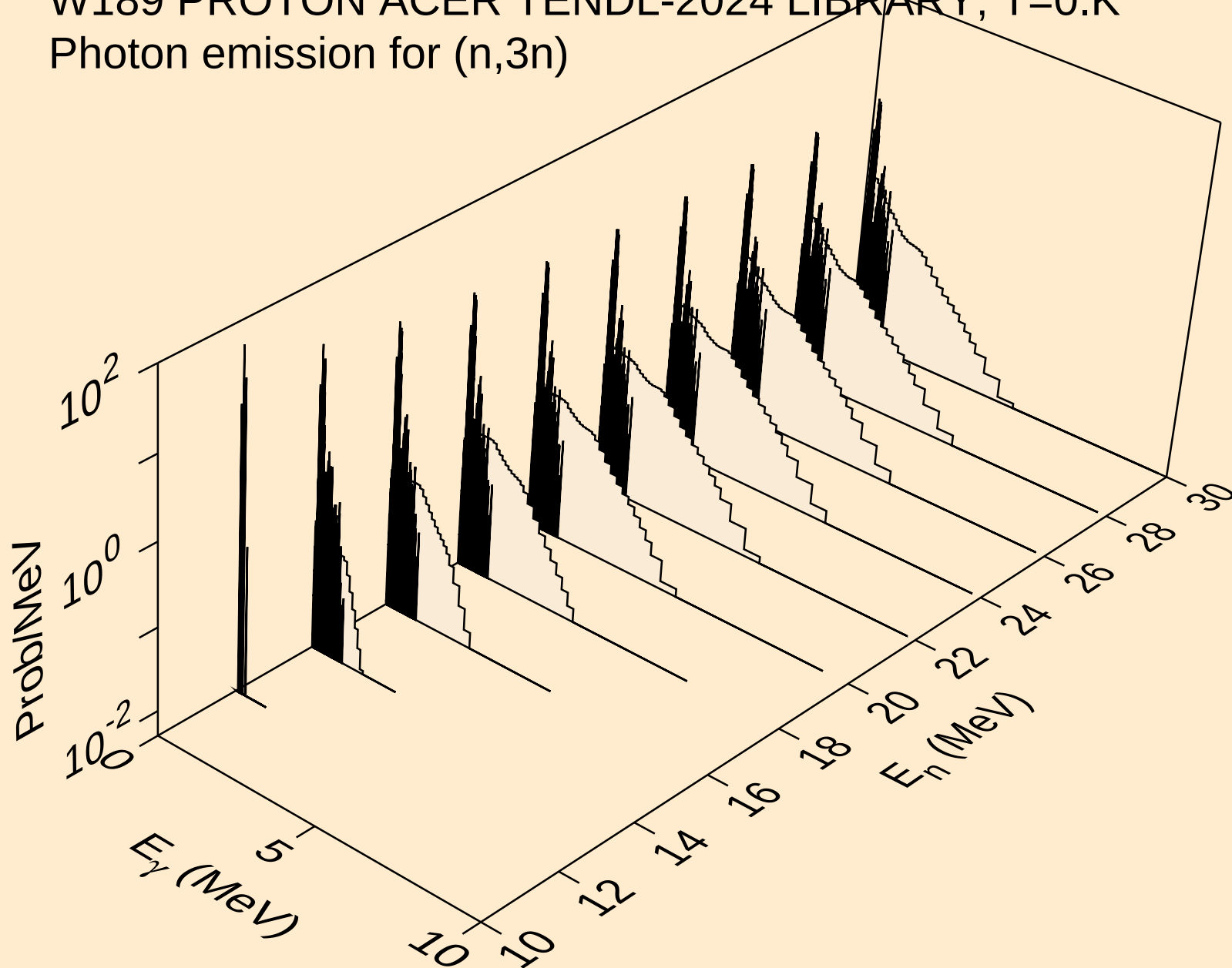
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)

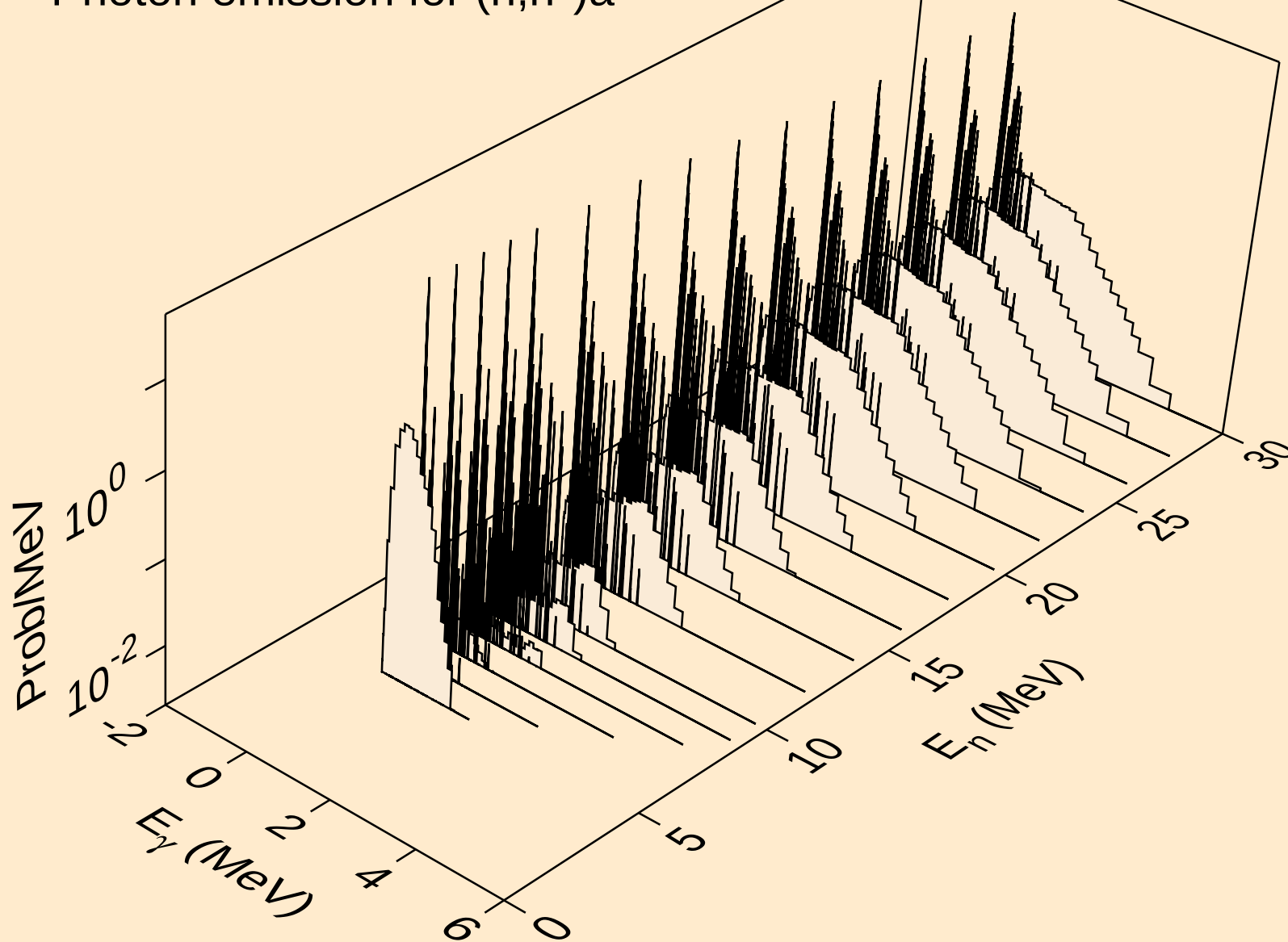


W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



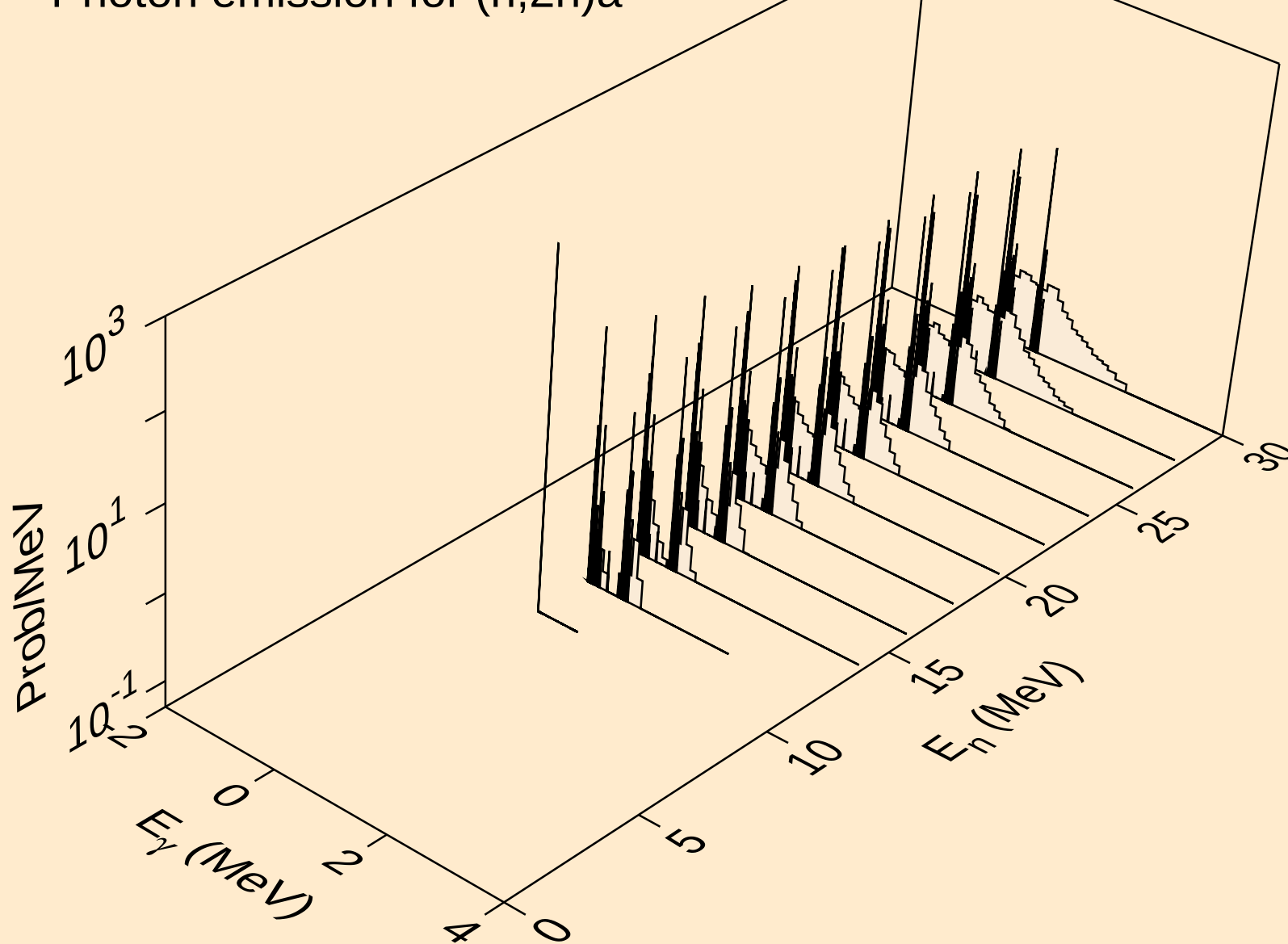
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



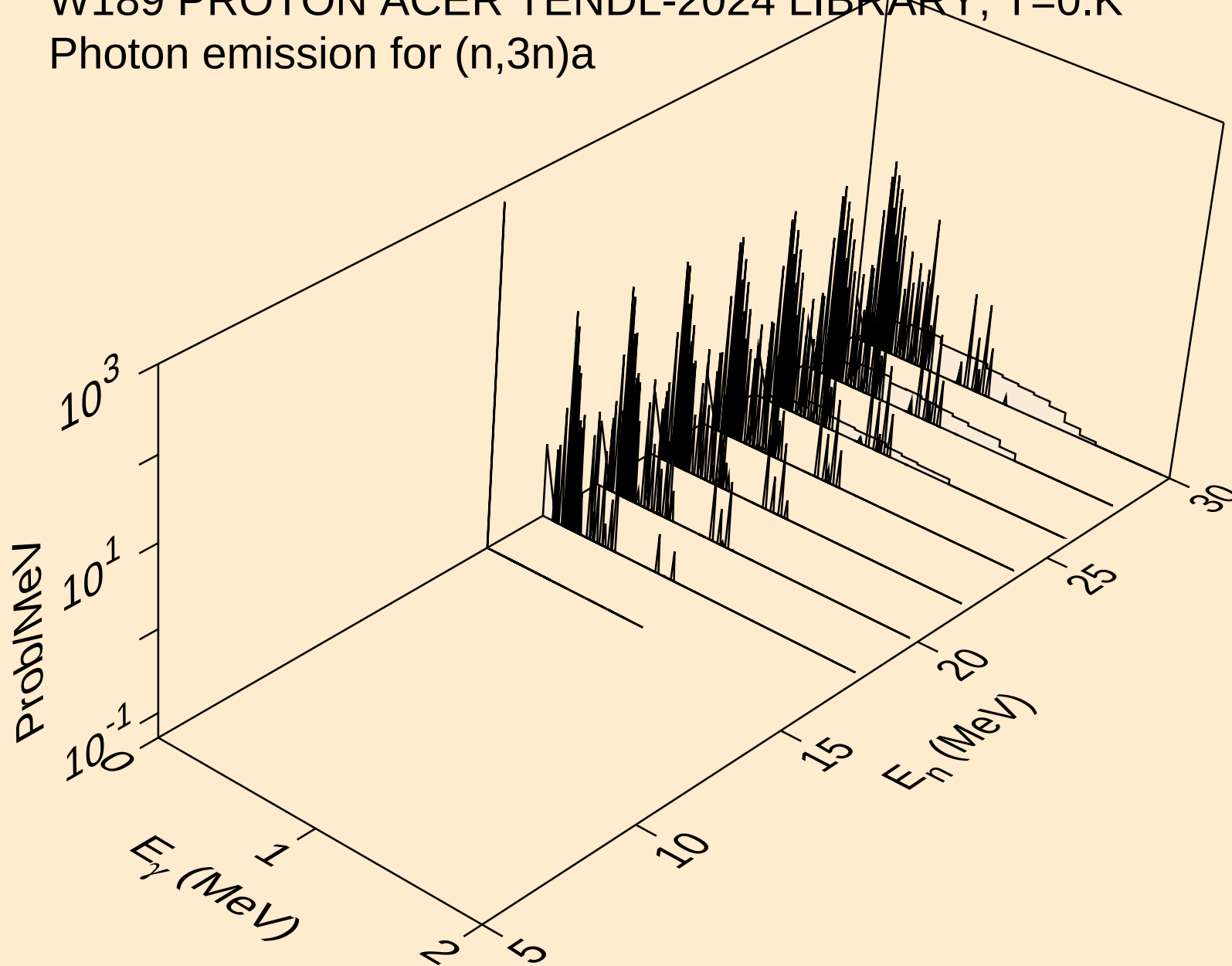
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α

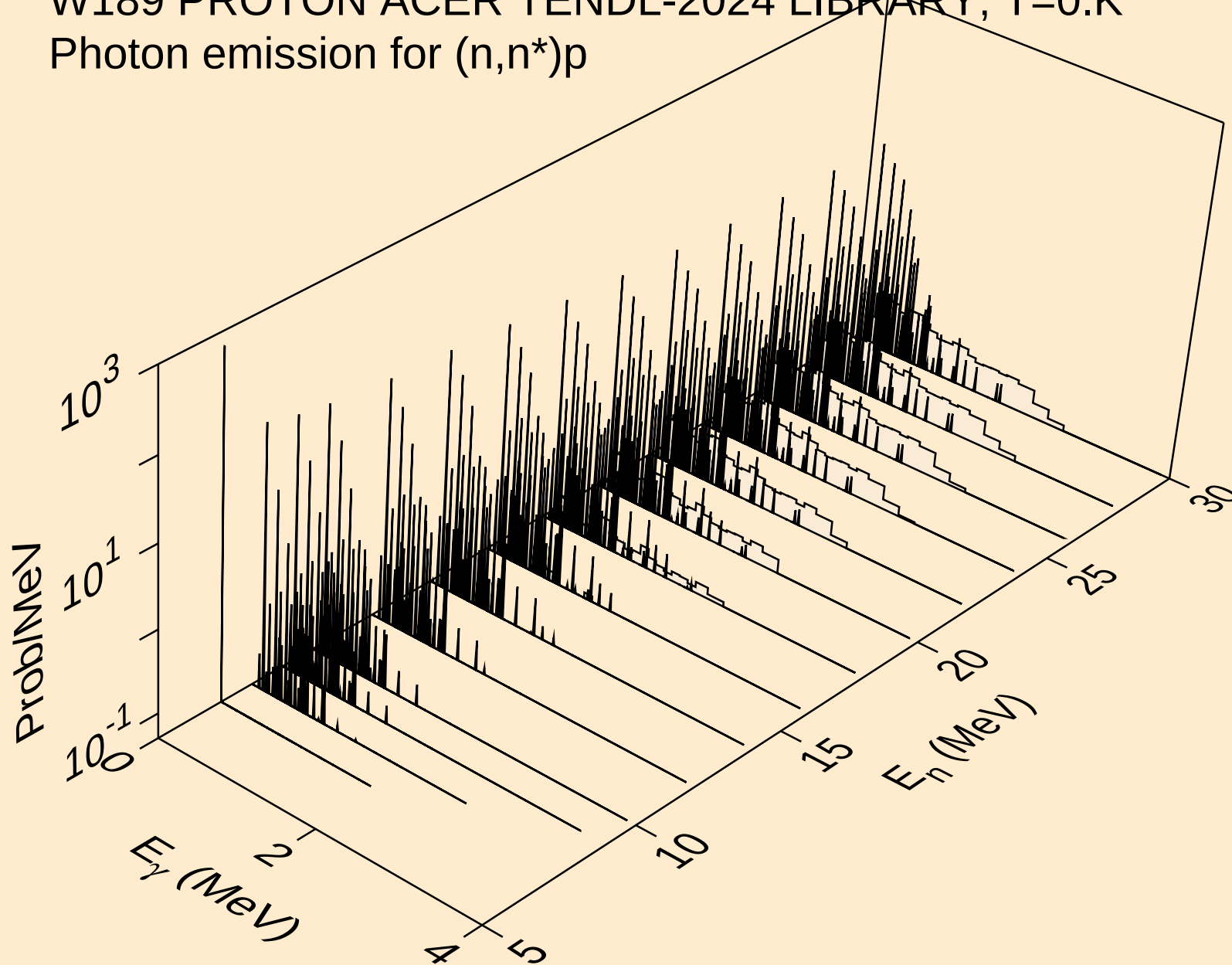


W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n)a

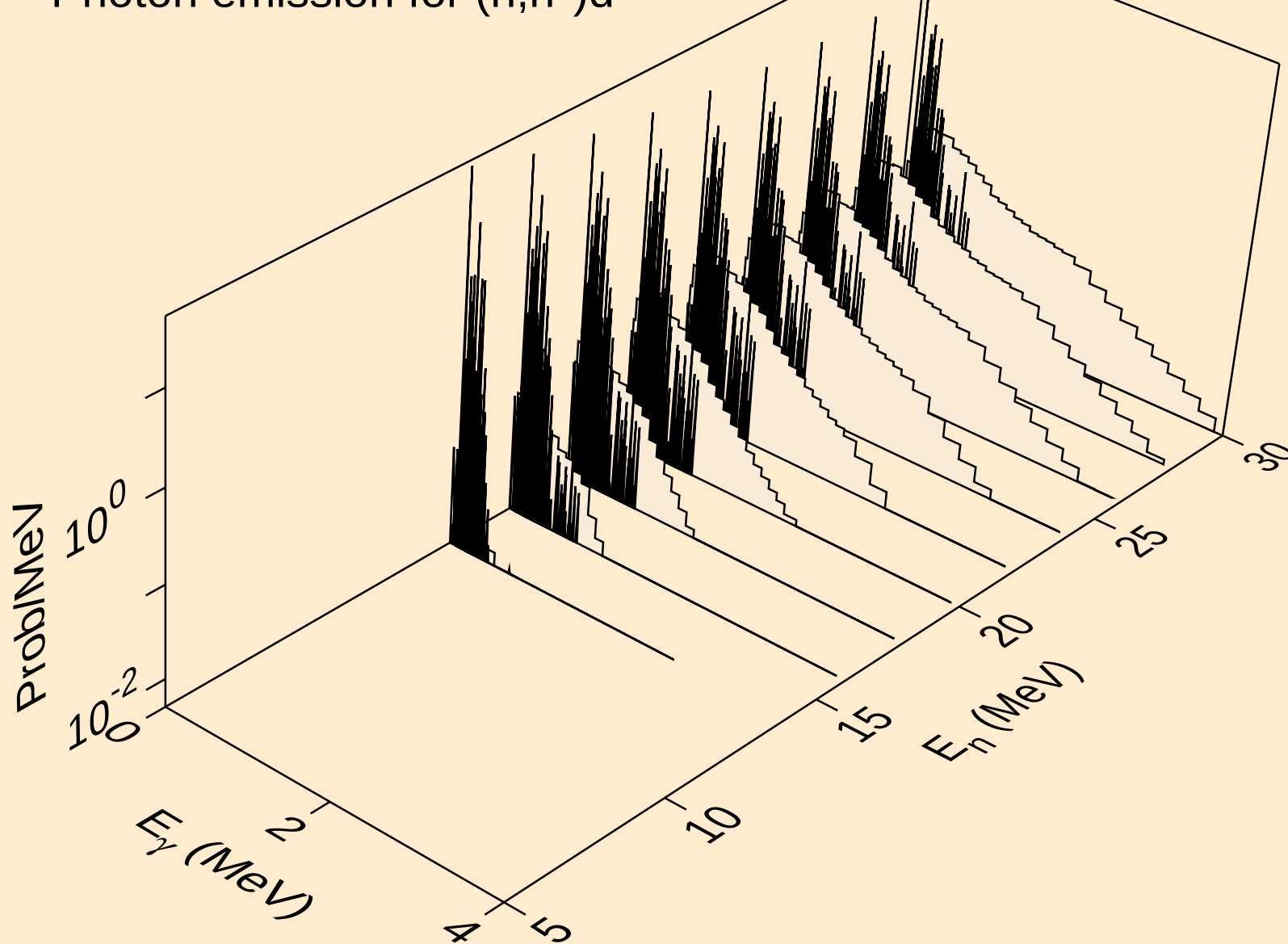


W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



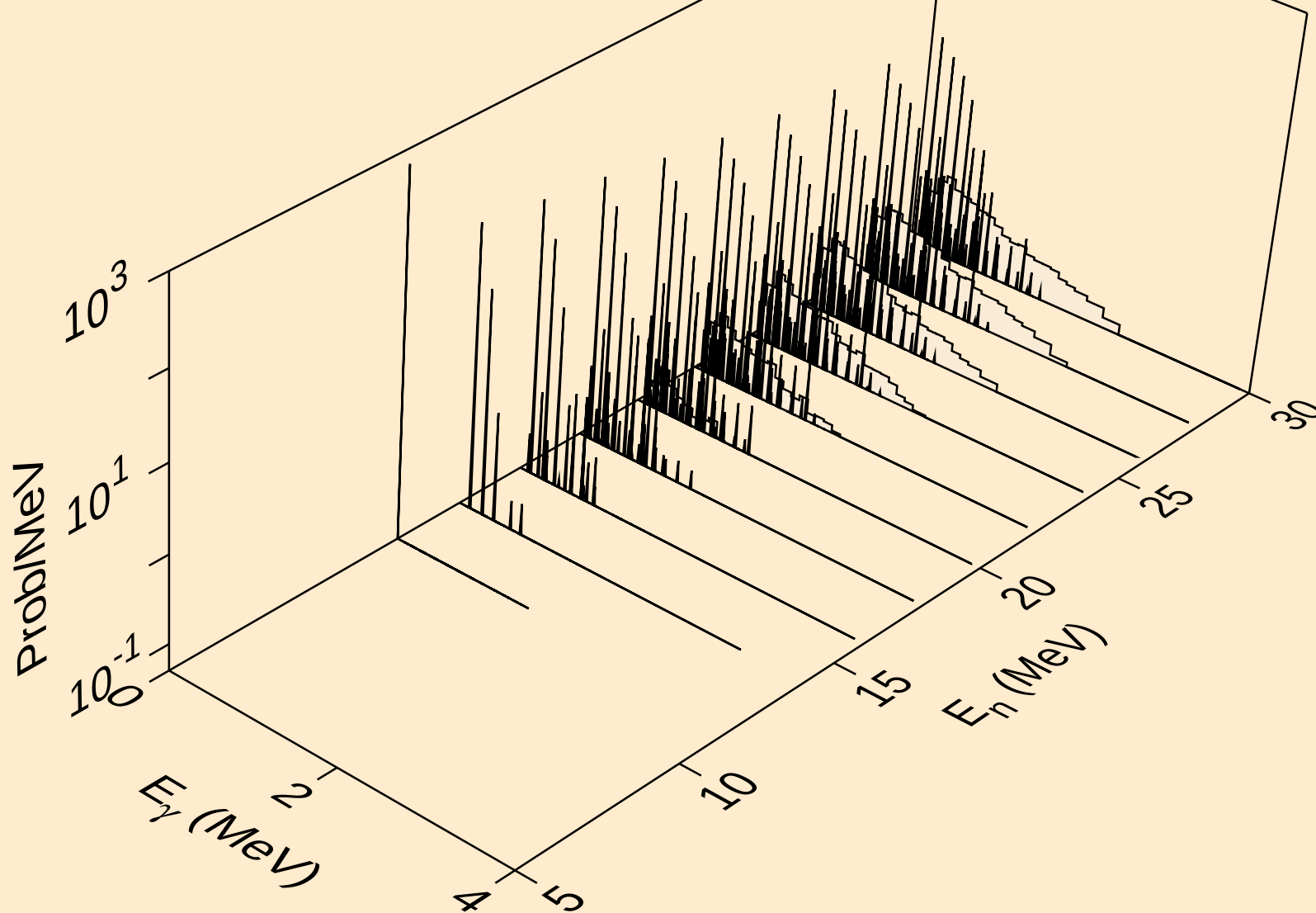
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d



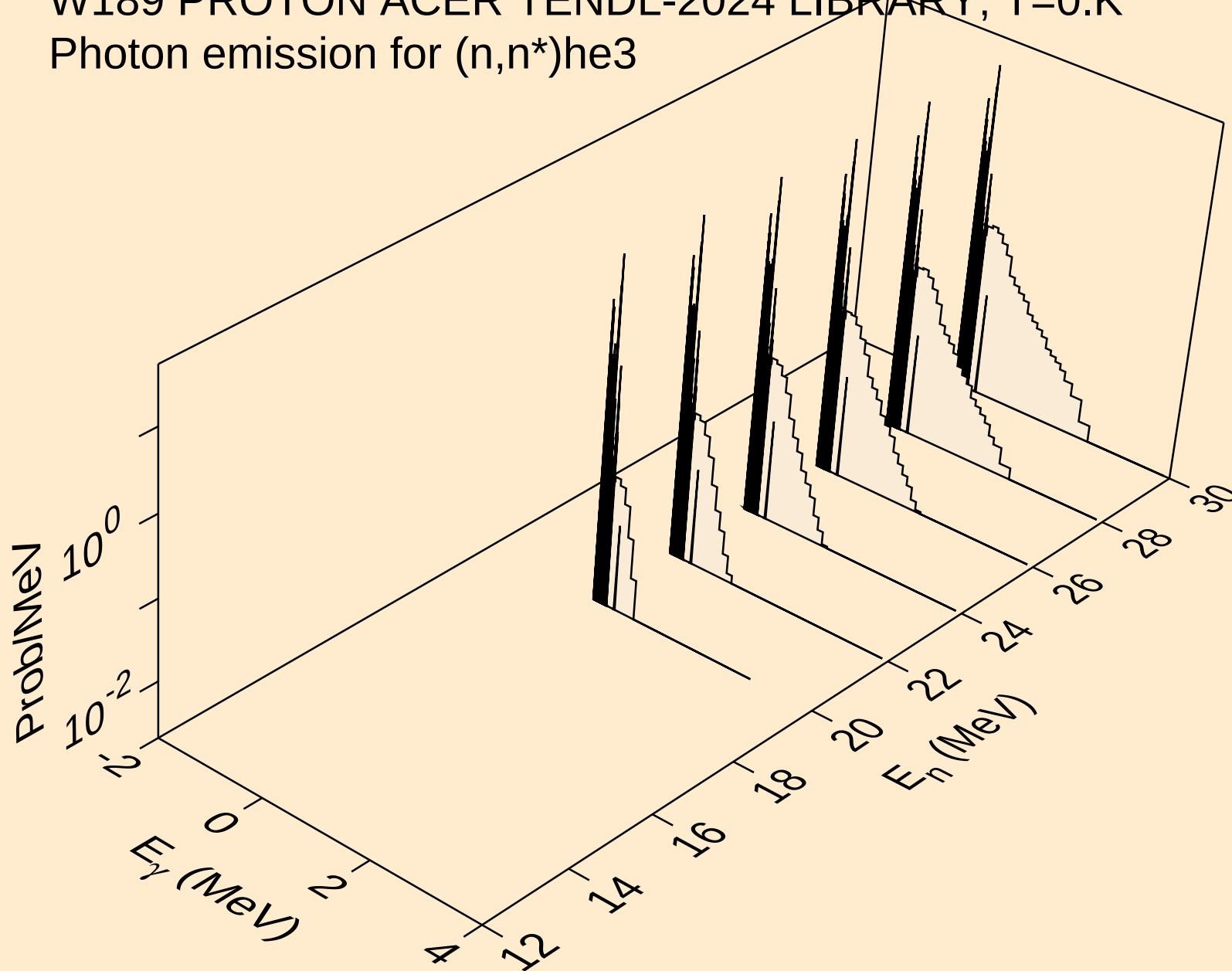
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)t

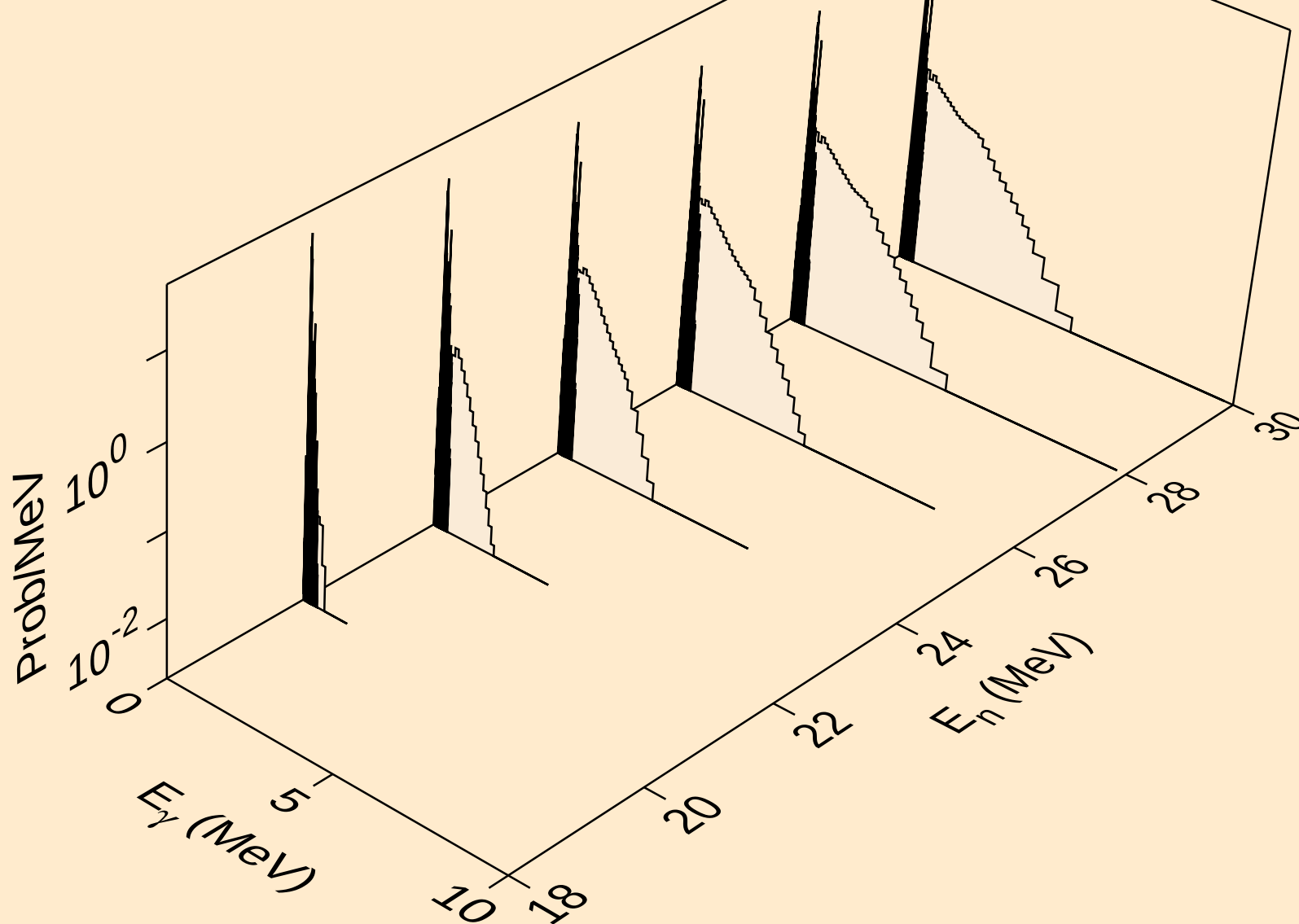


W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

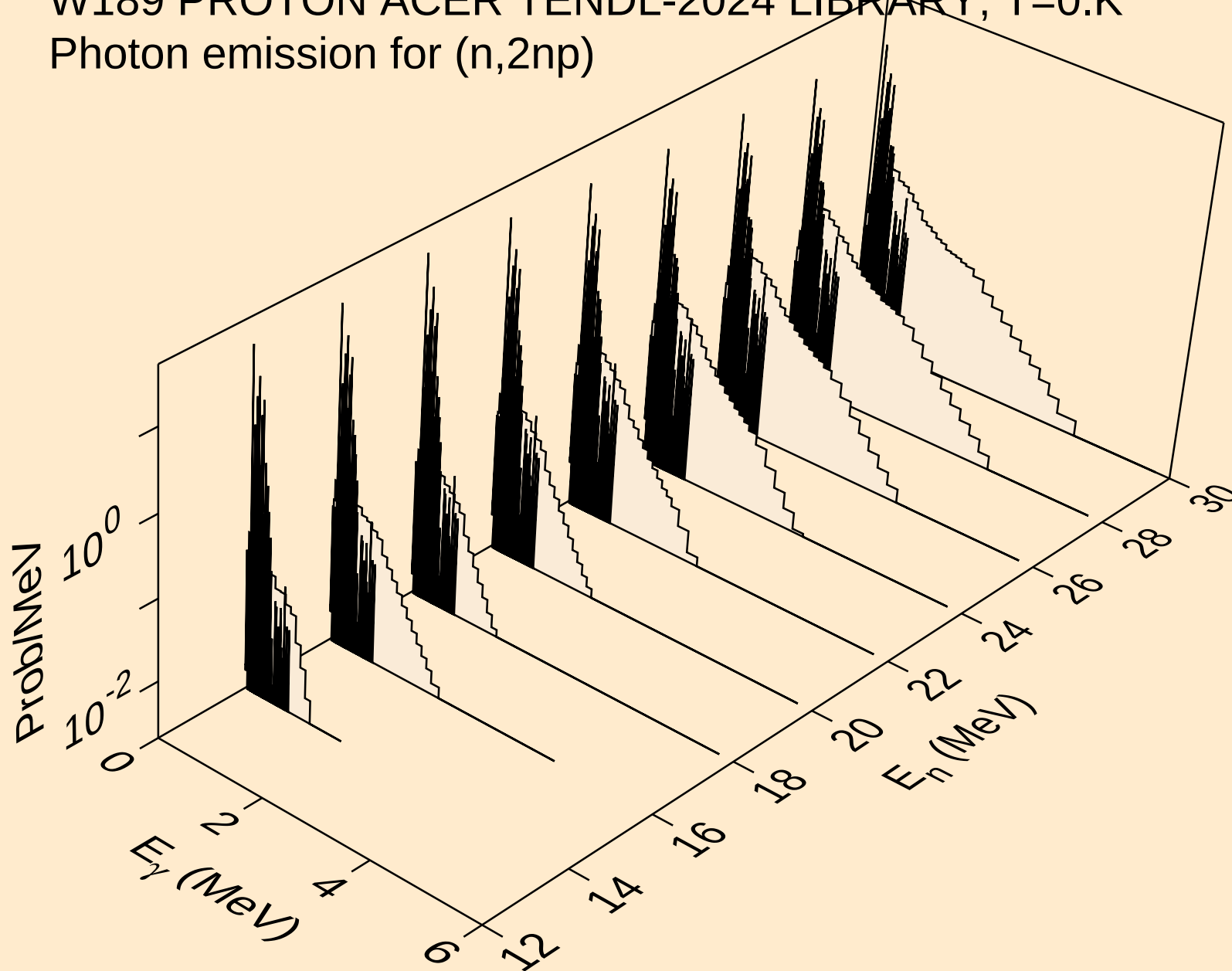
Photon emission for (n,n*)he3



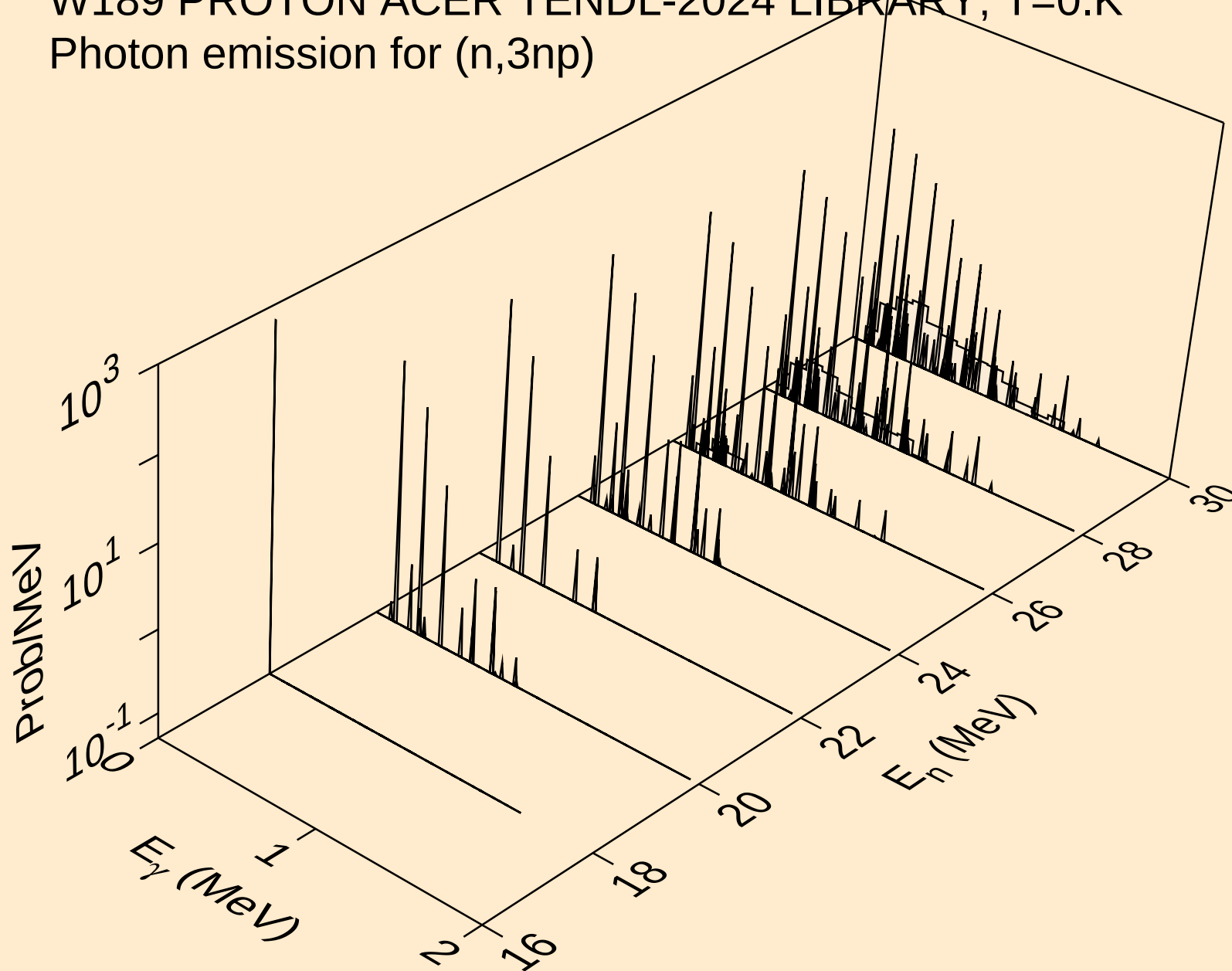
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



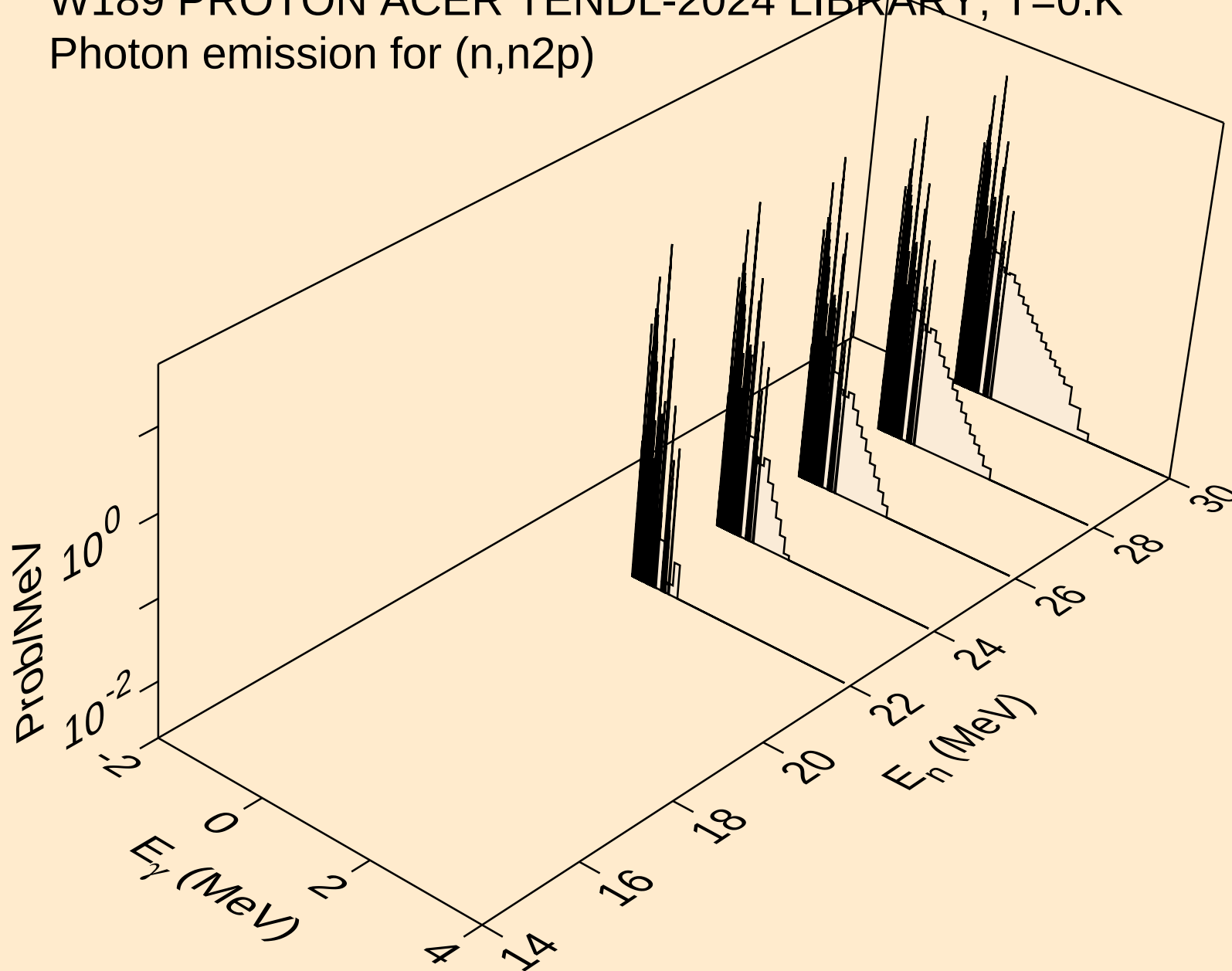
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



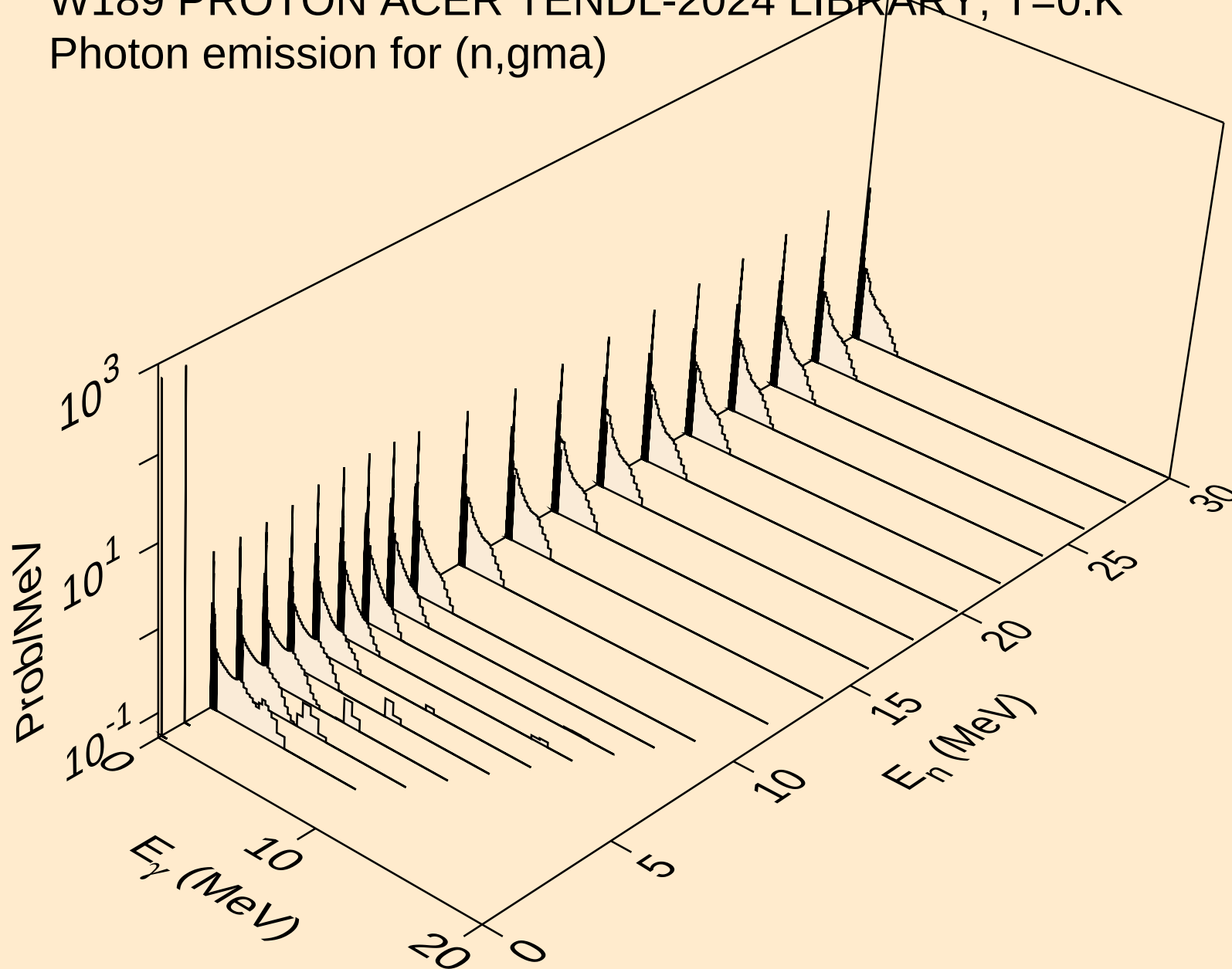
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



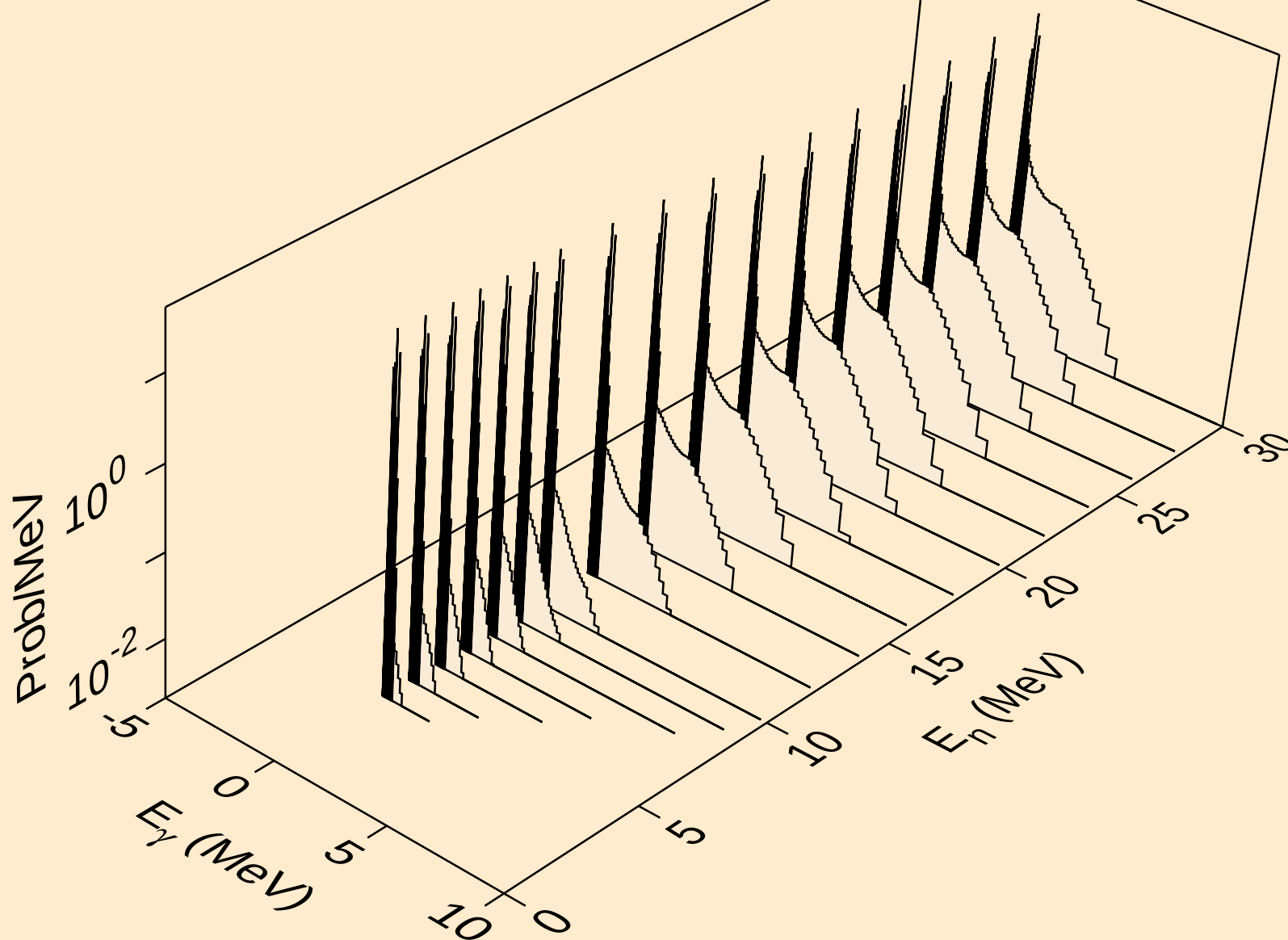
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



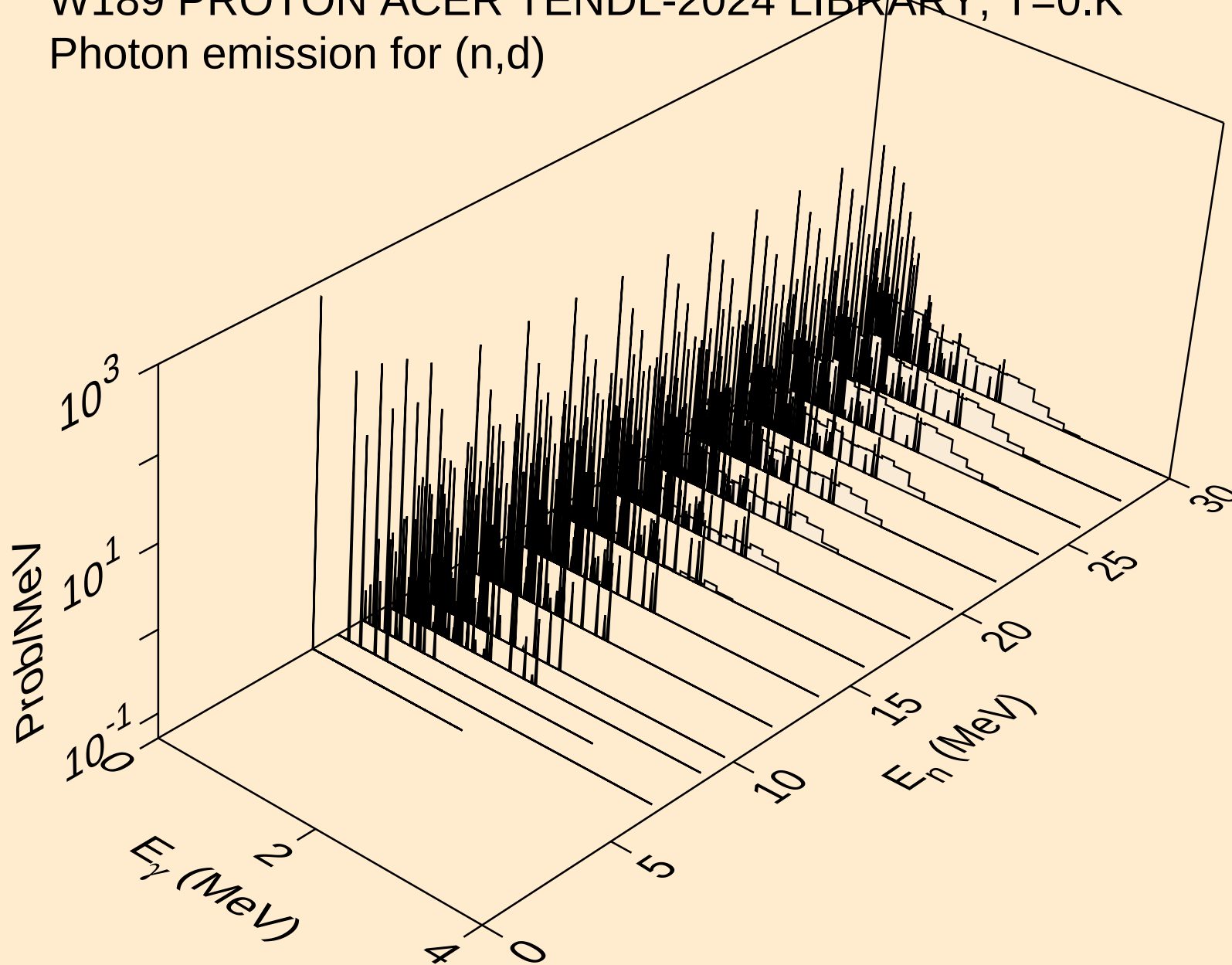
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



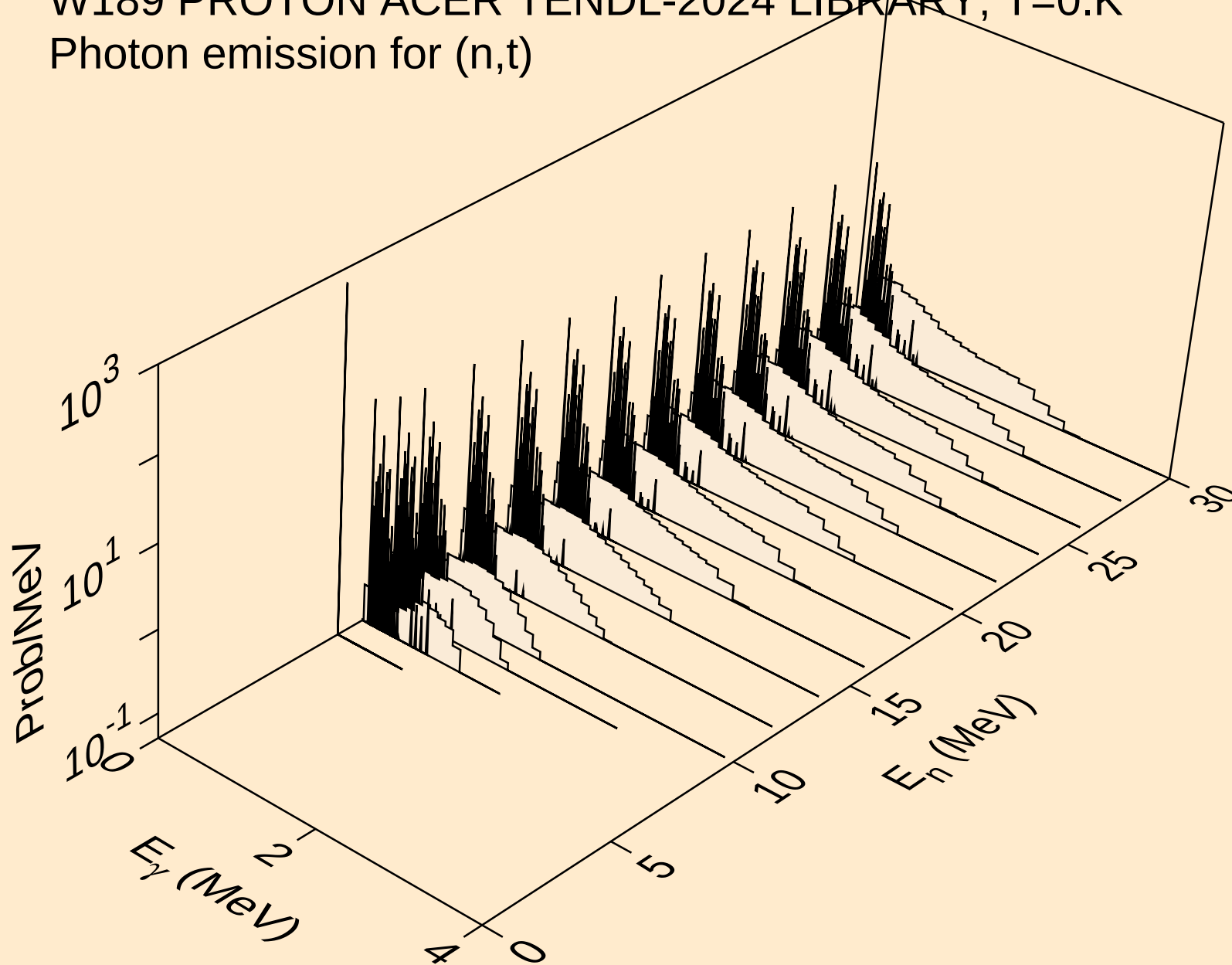
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



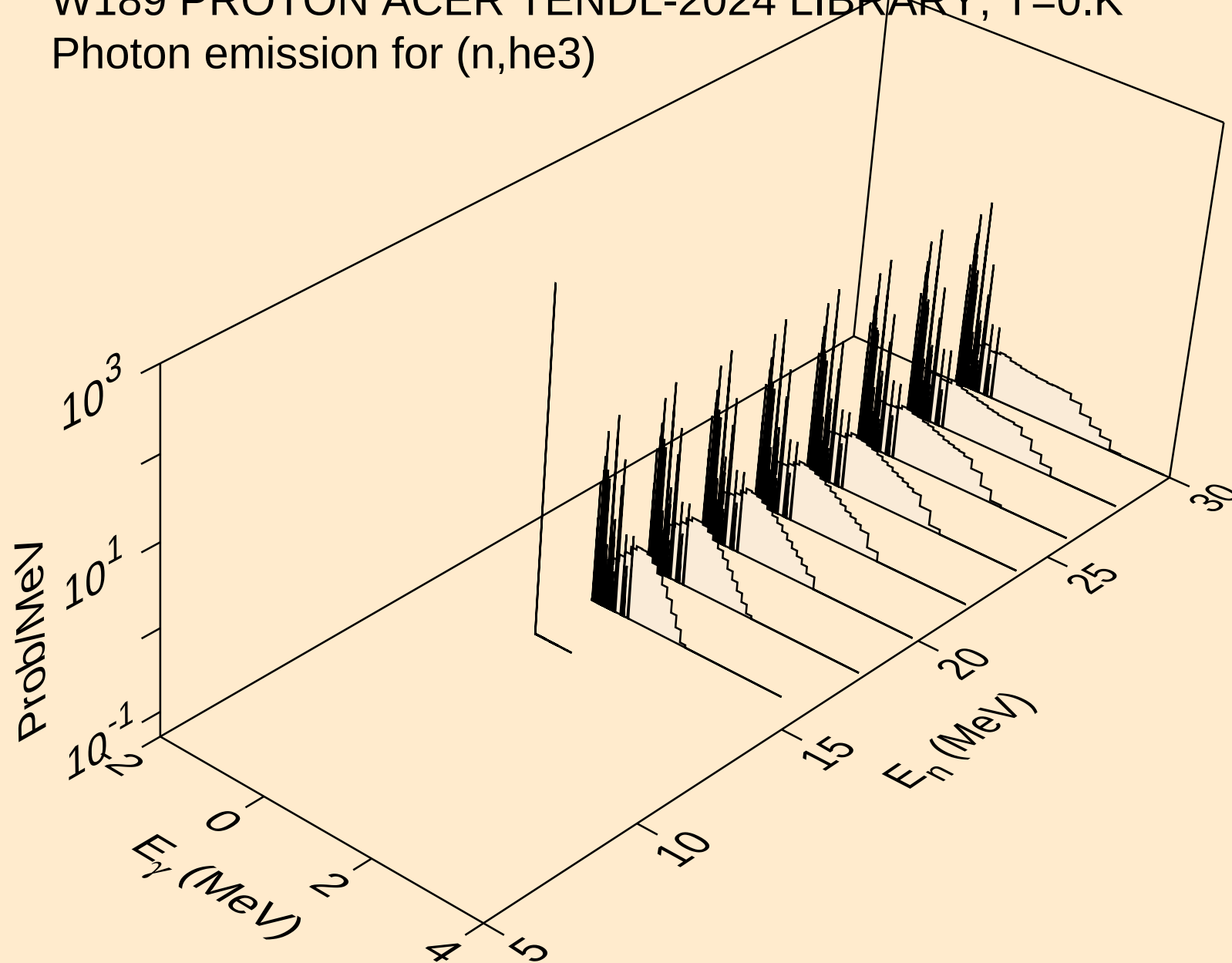
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)

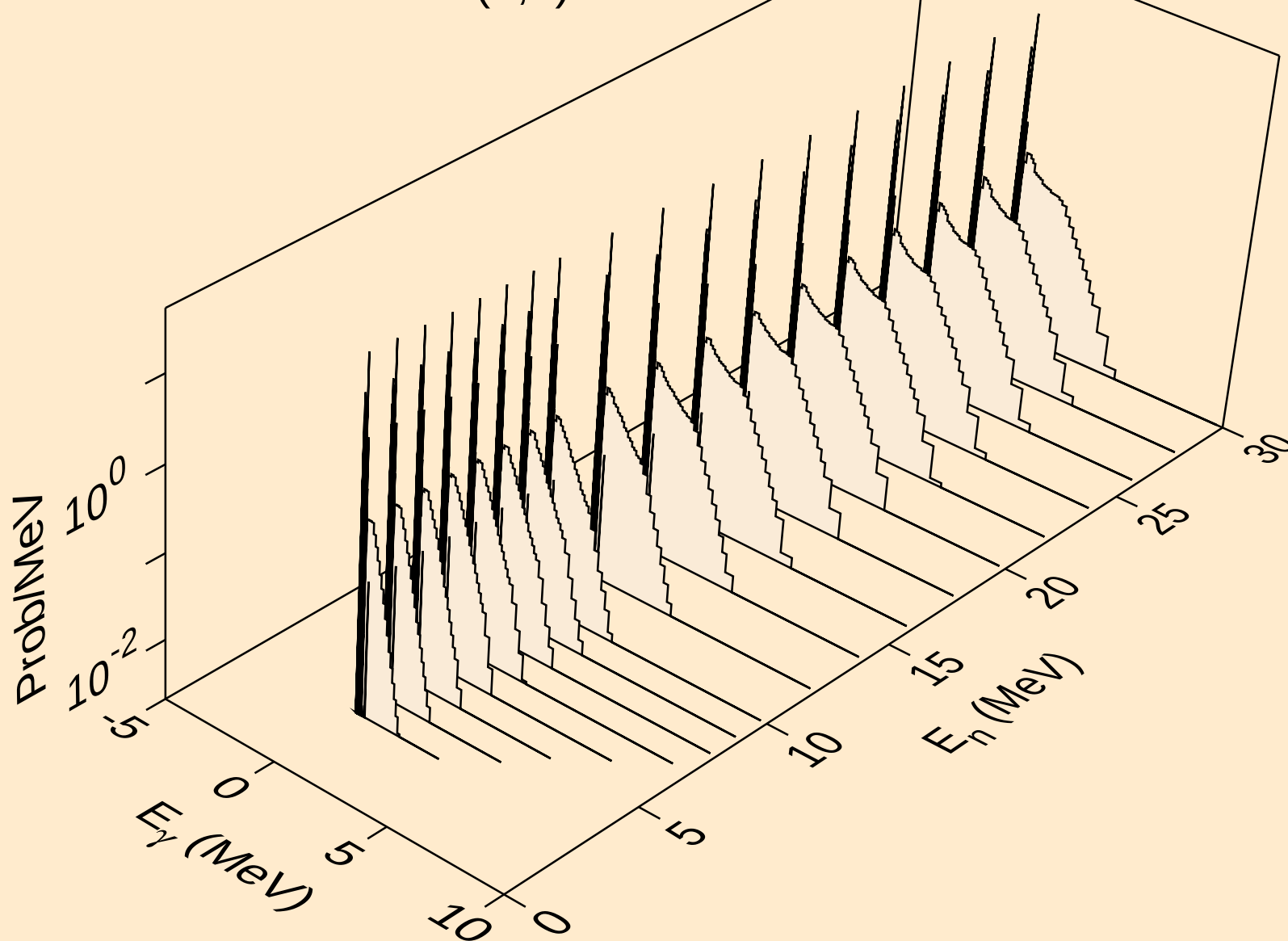


W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)

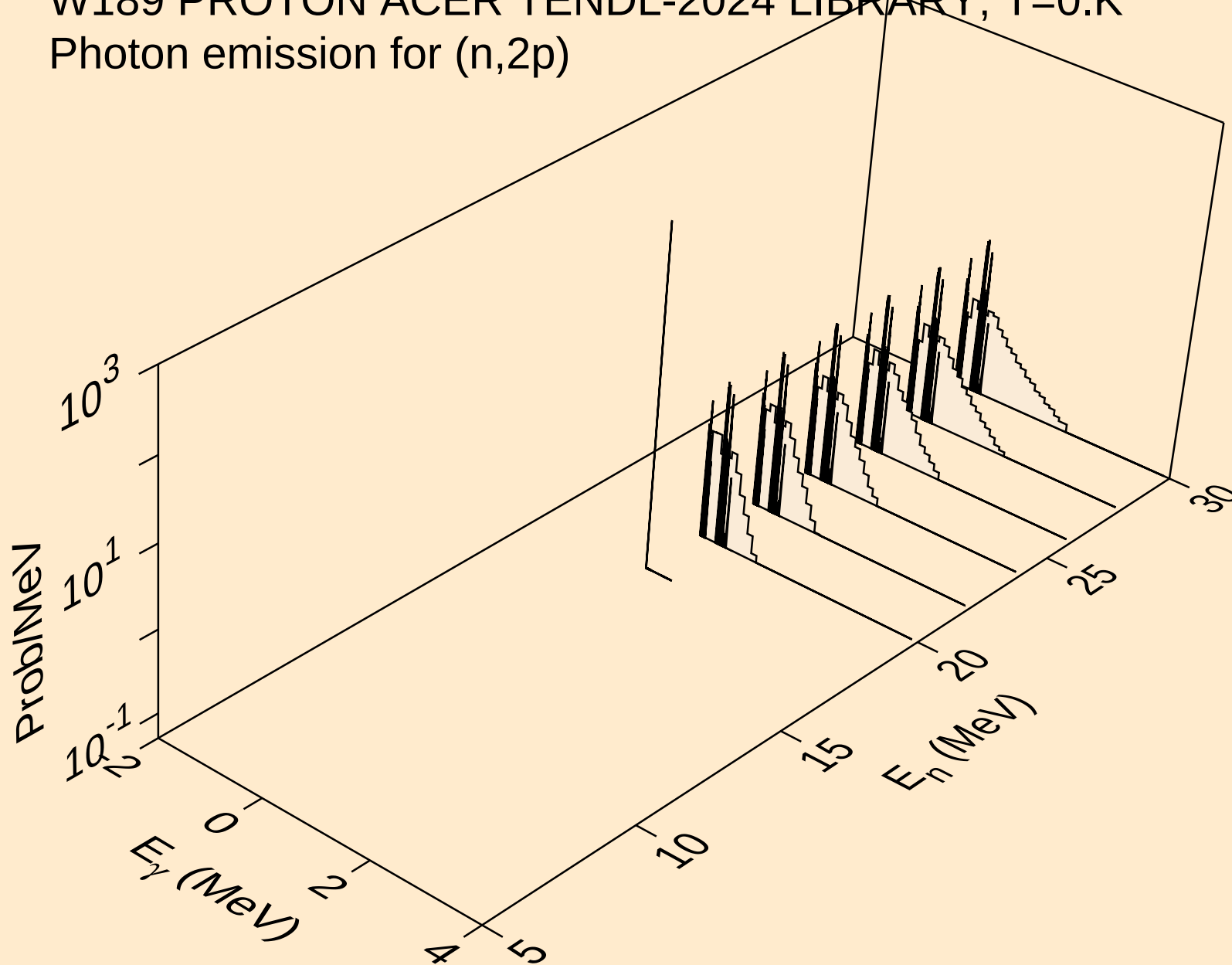


W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

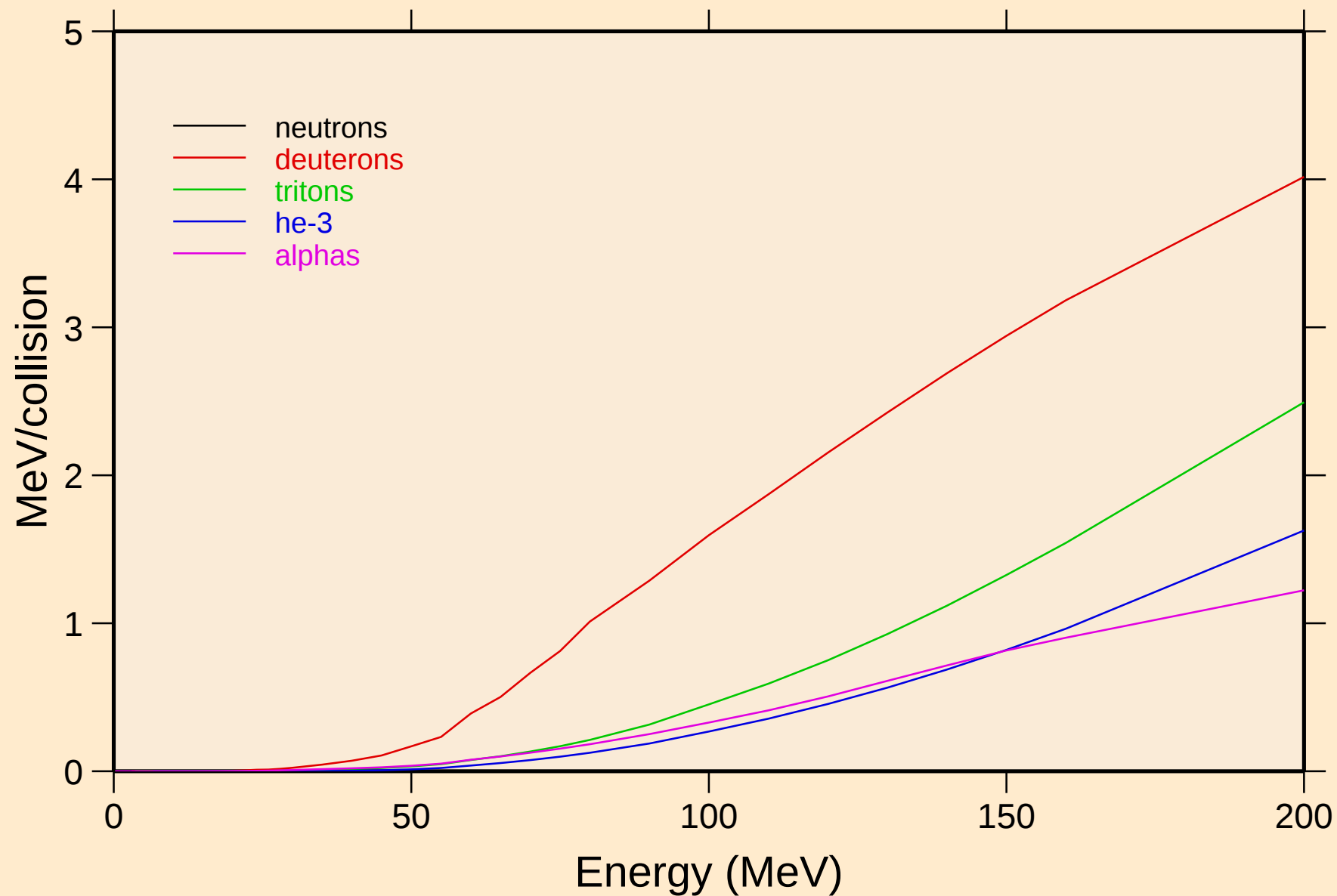
Photon emission for (n,a)



W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)

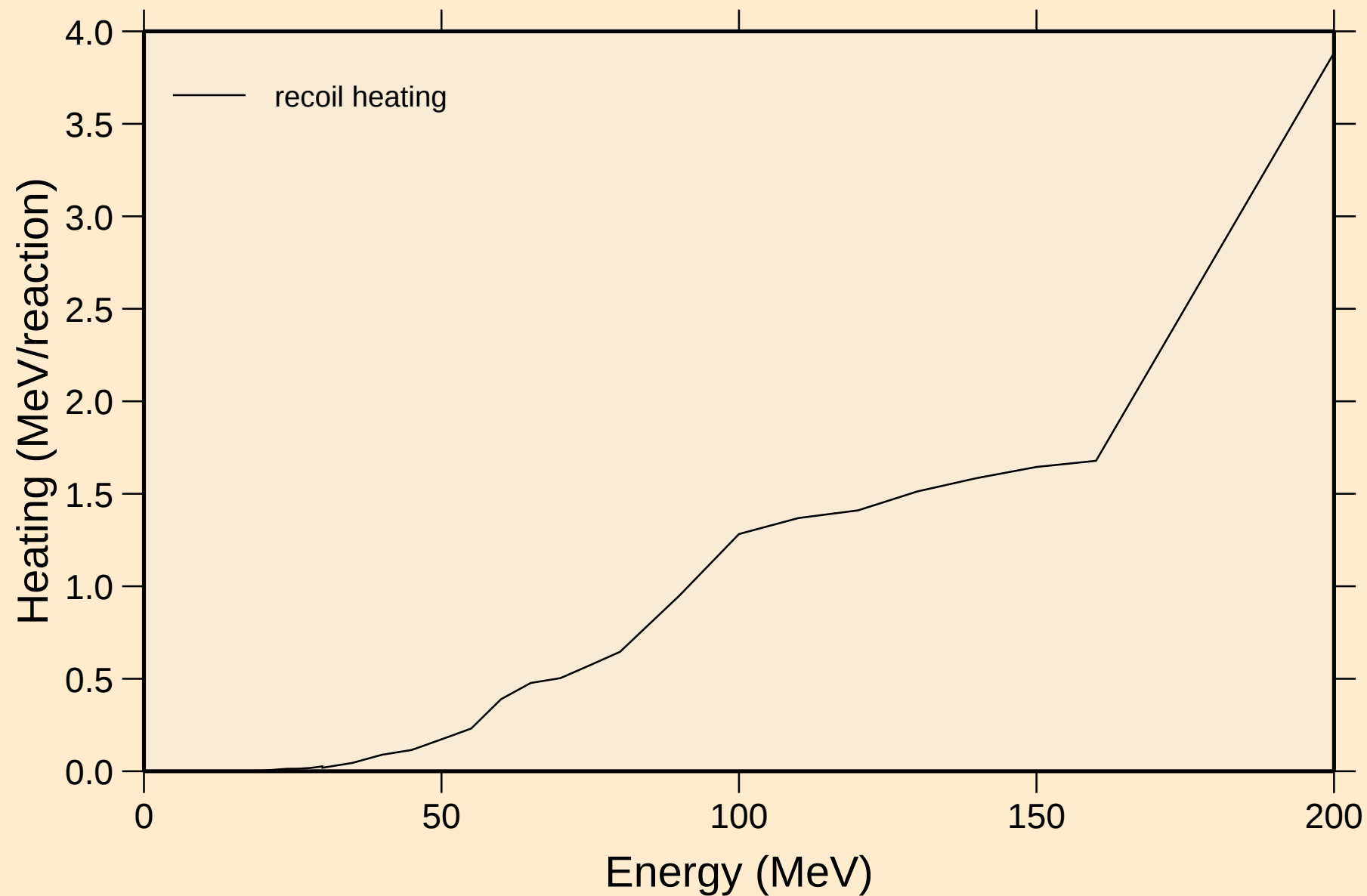


W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Particle heating contributions



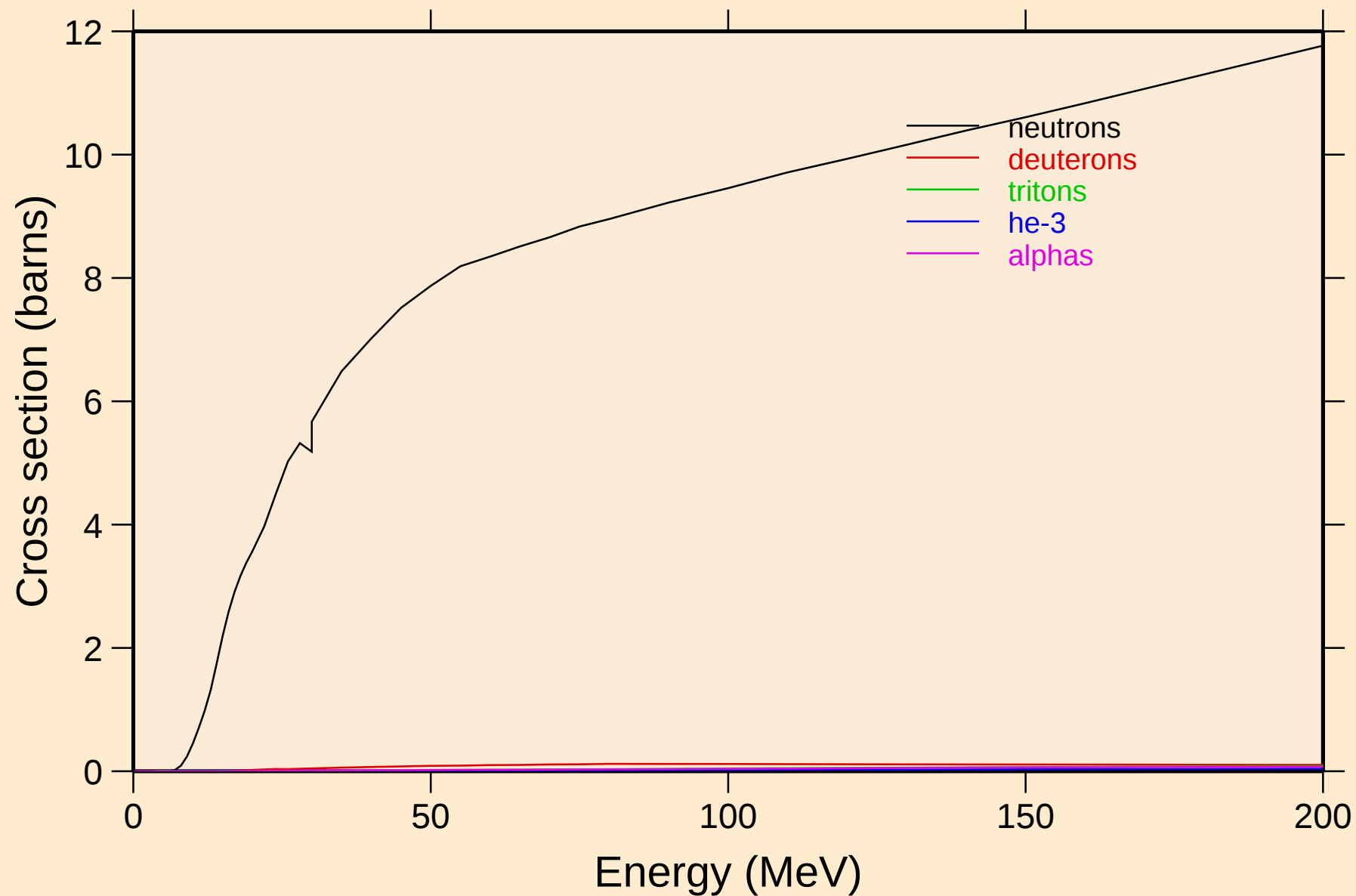
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

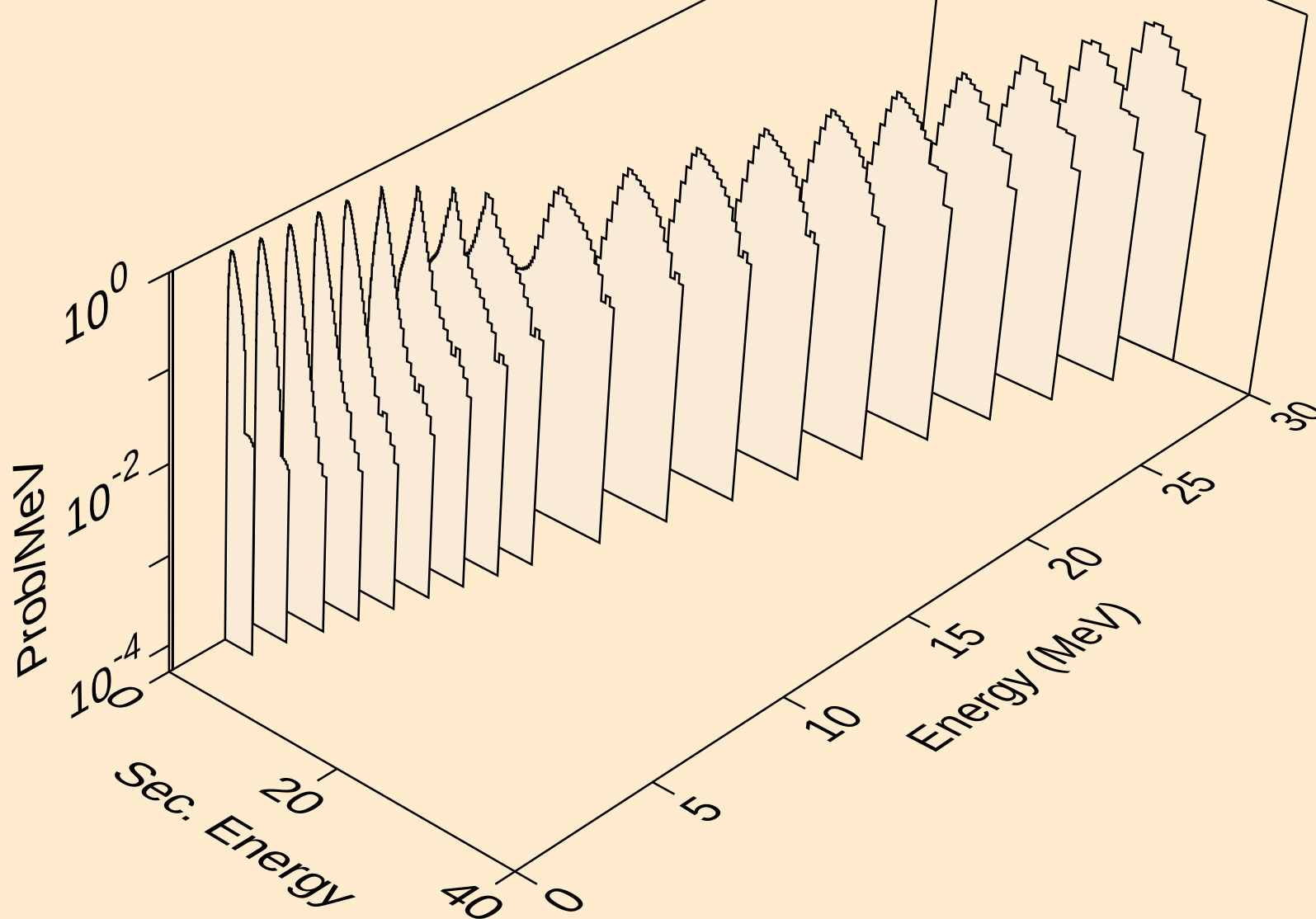


W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K

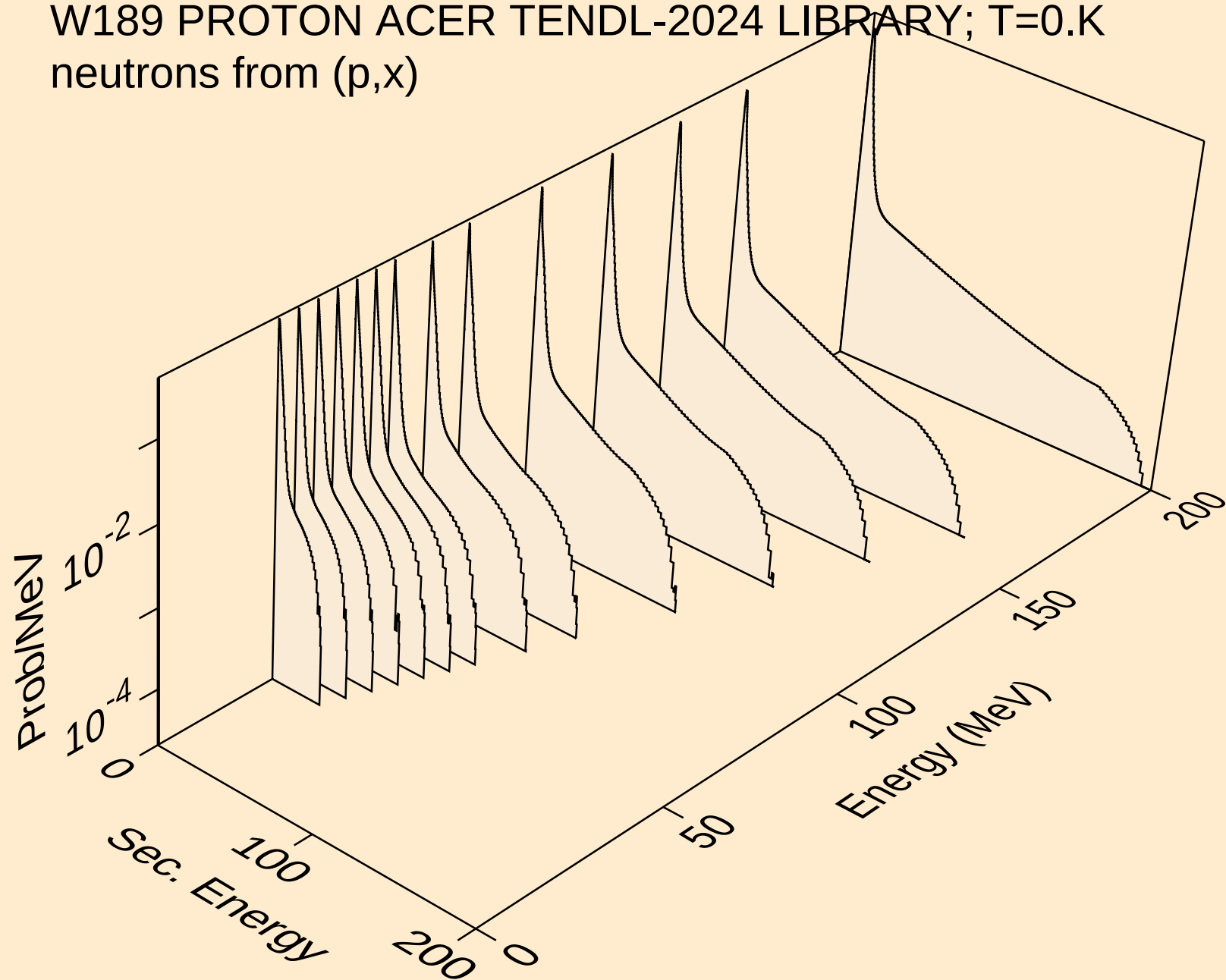
Particle production cross sections



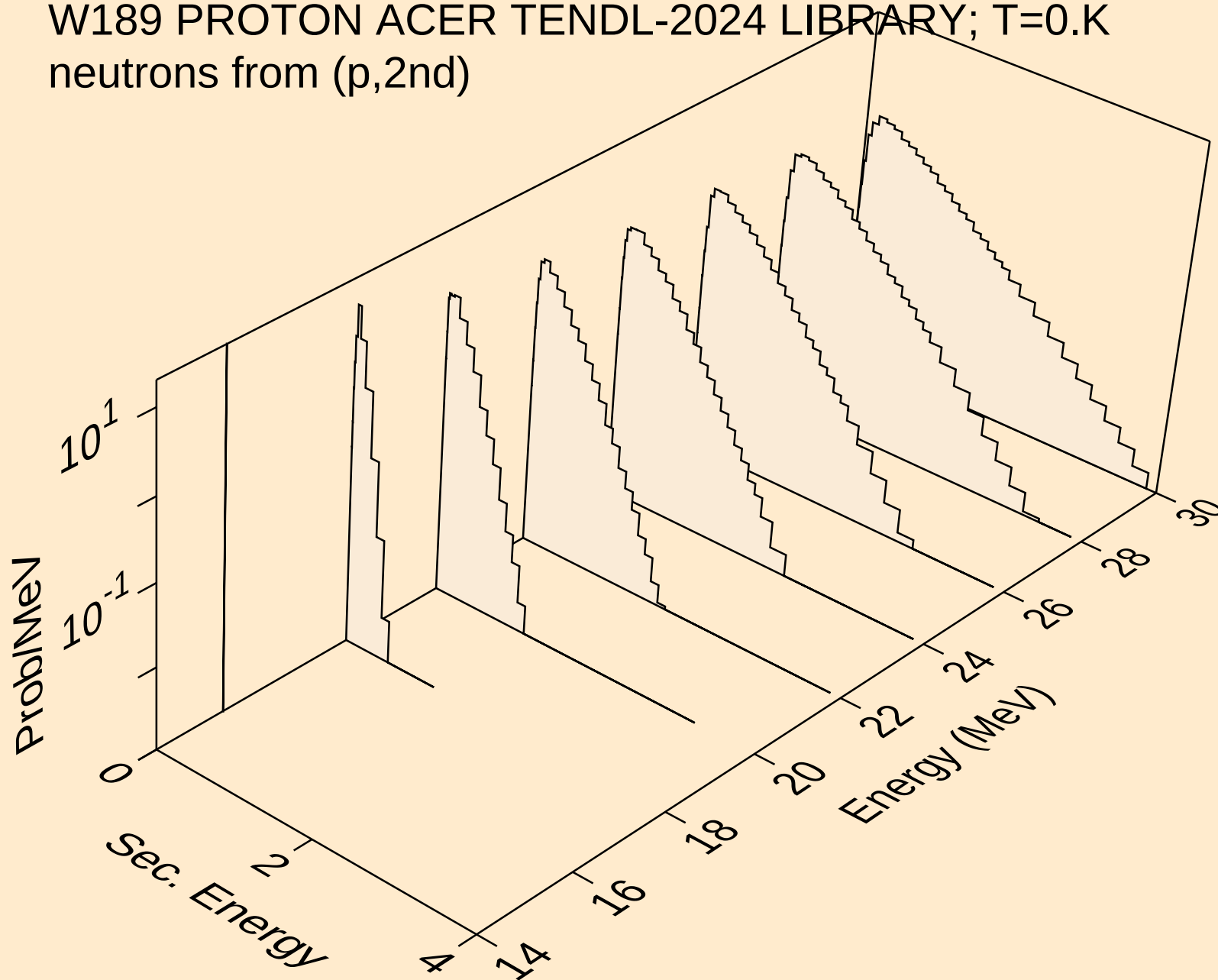
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n)



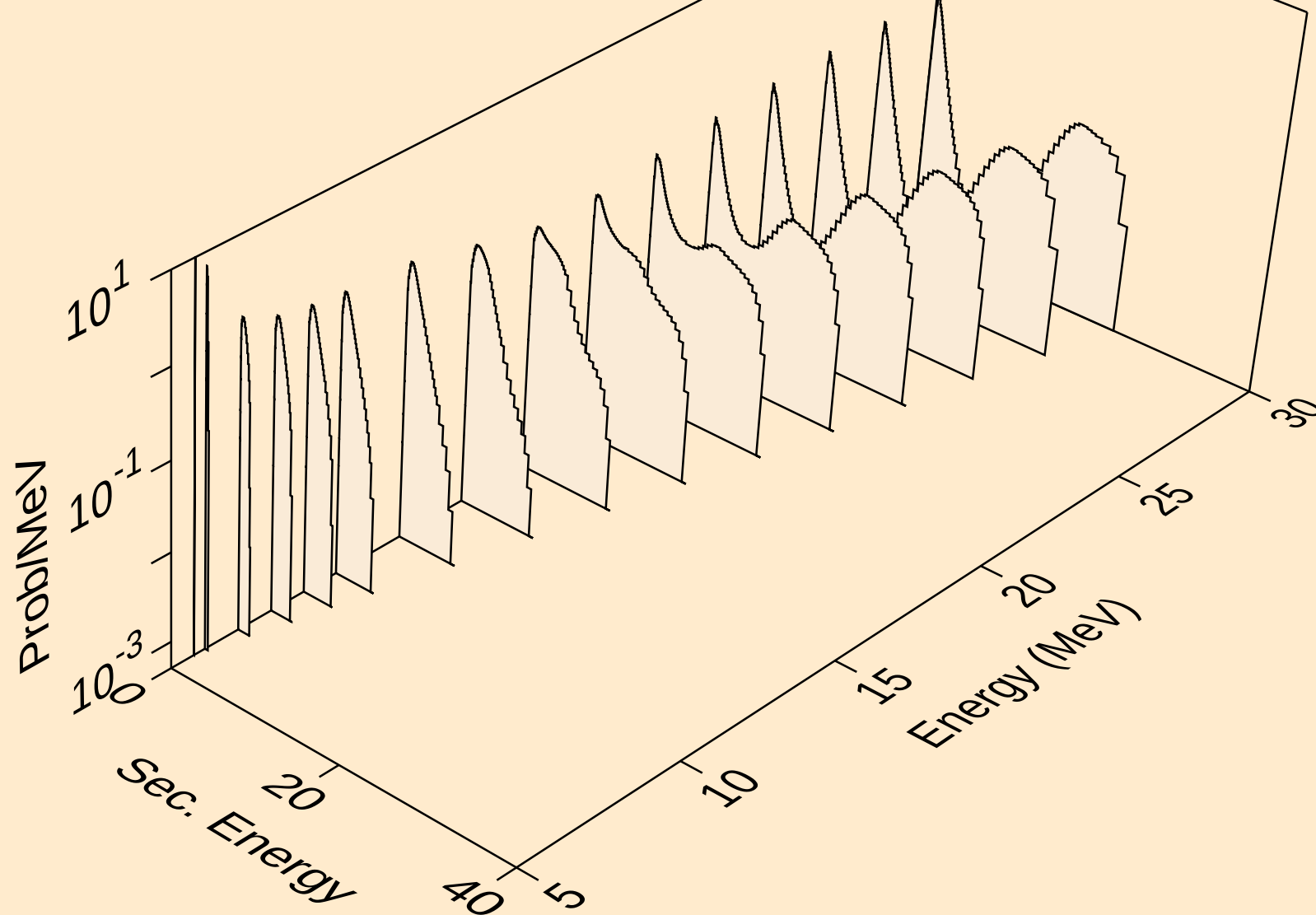
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,x)



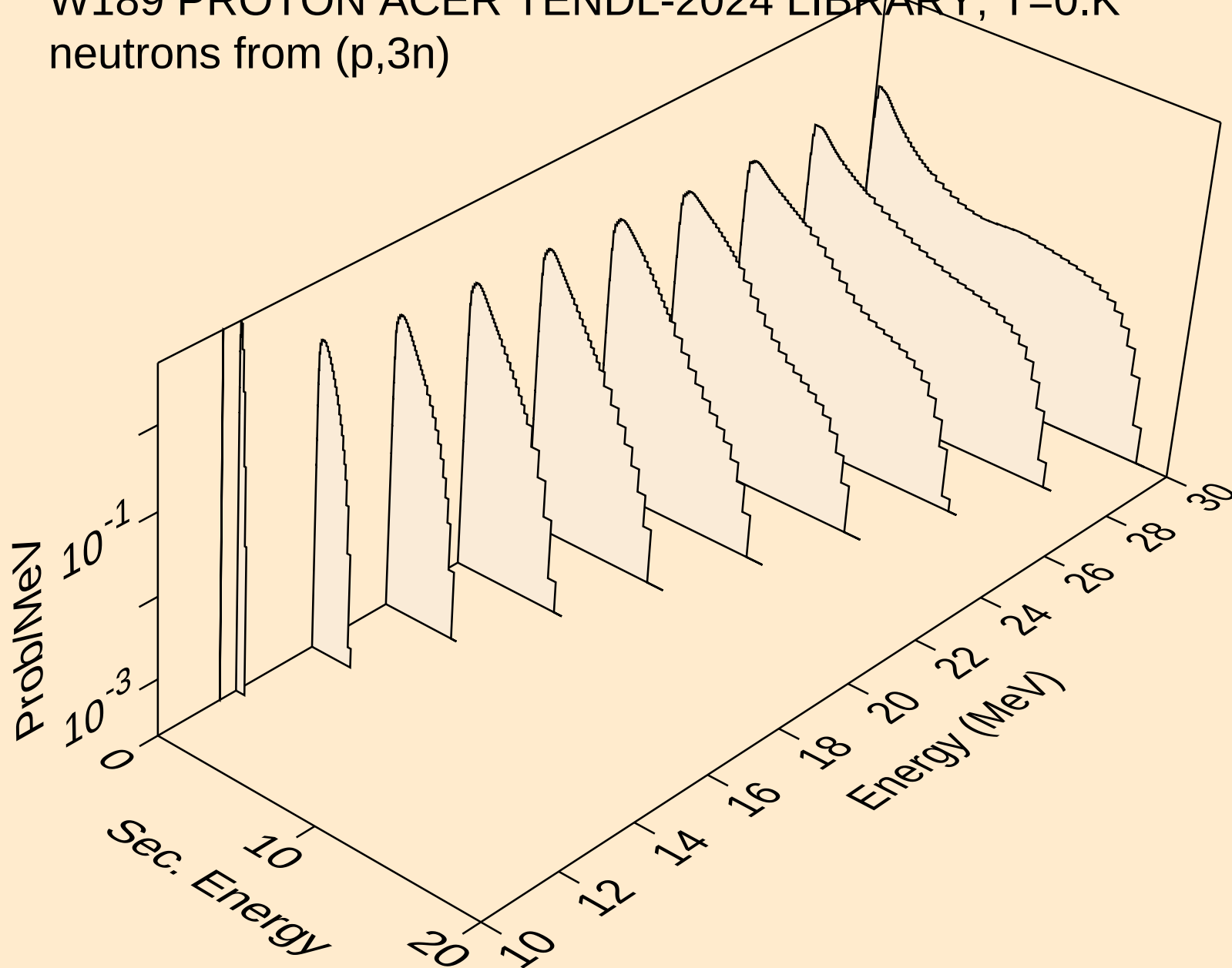
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2nd)



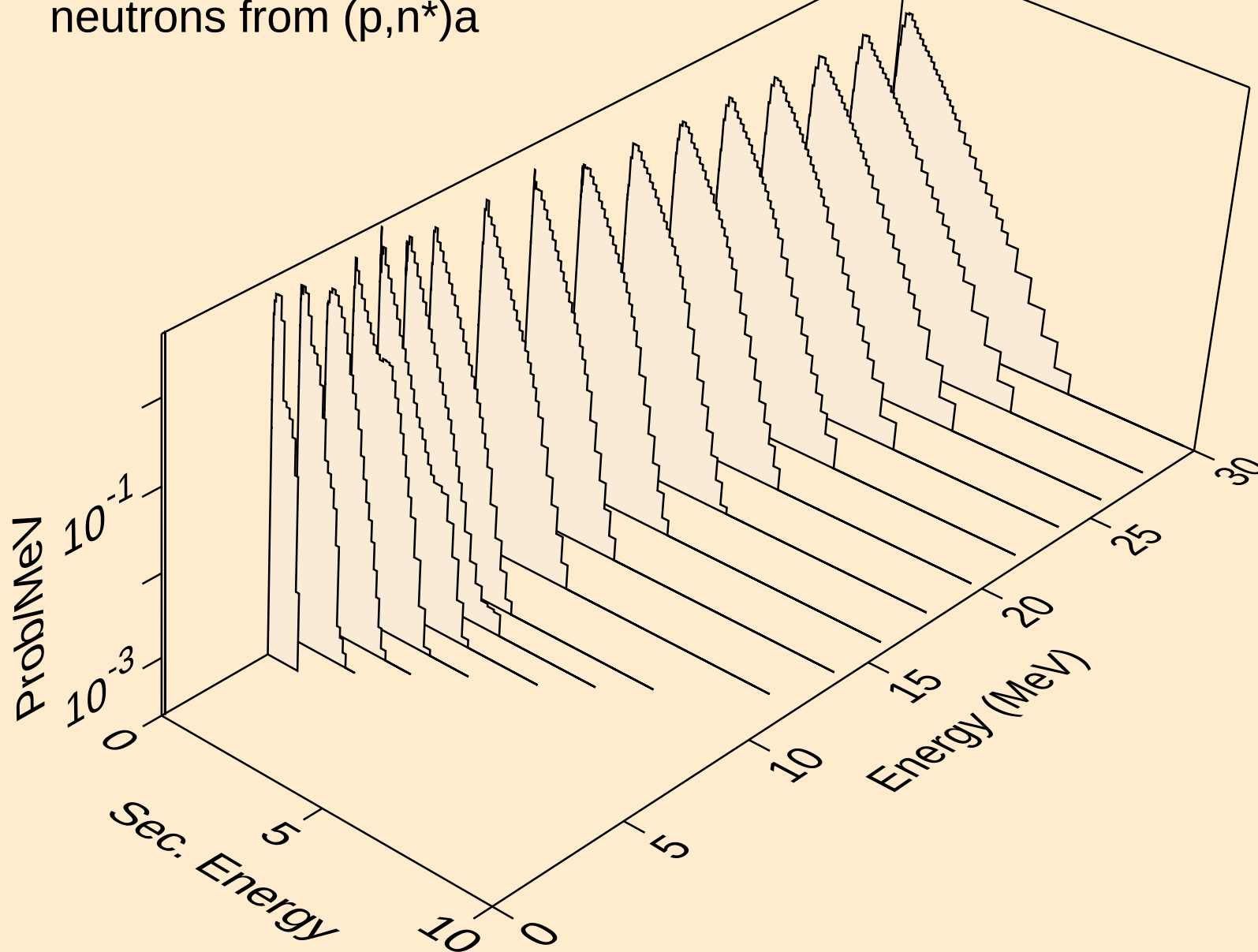
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)



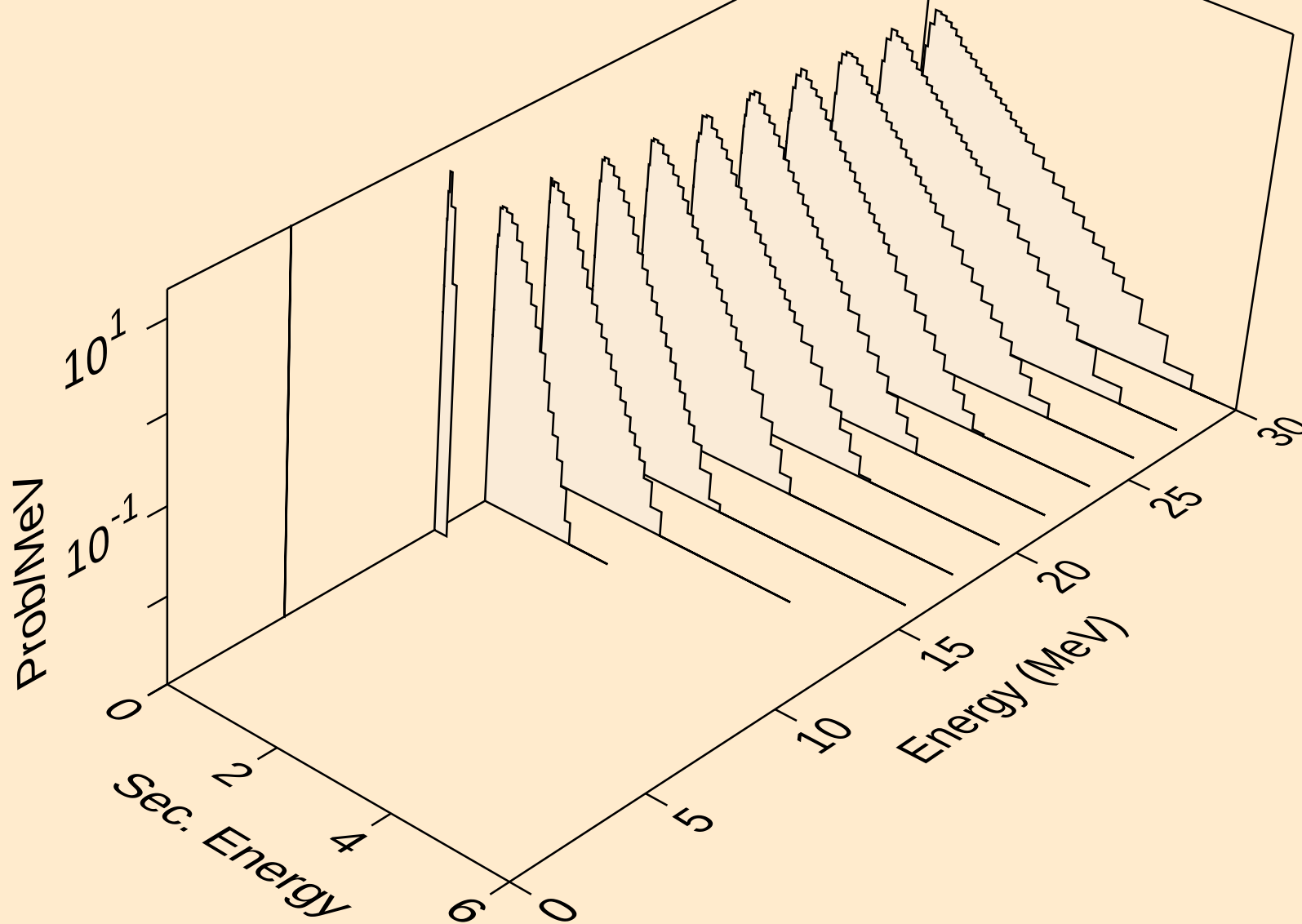
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)



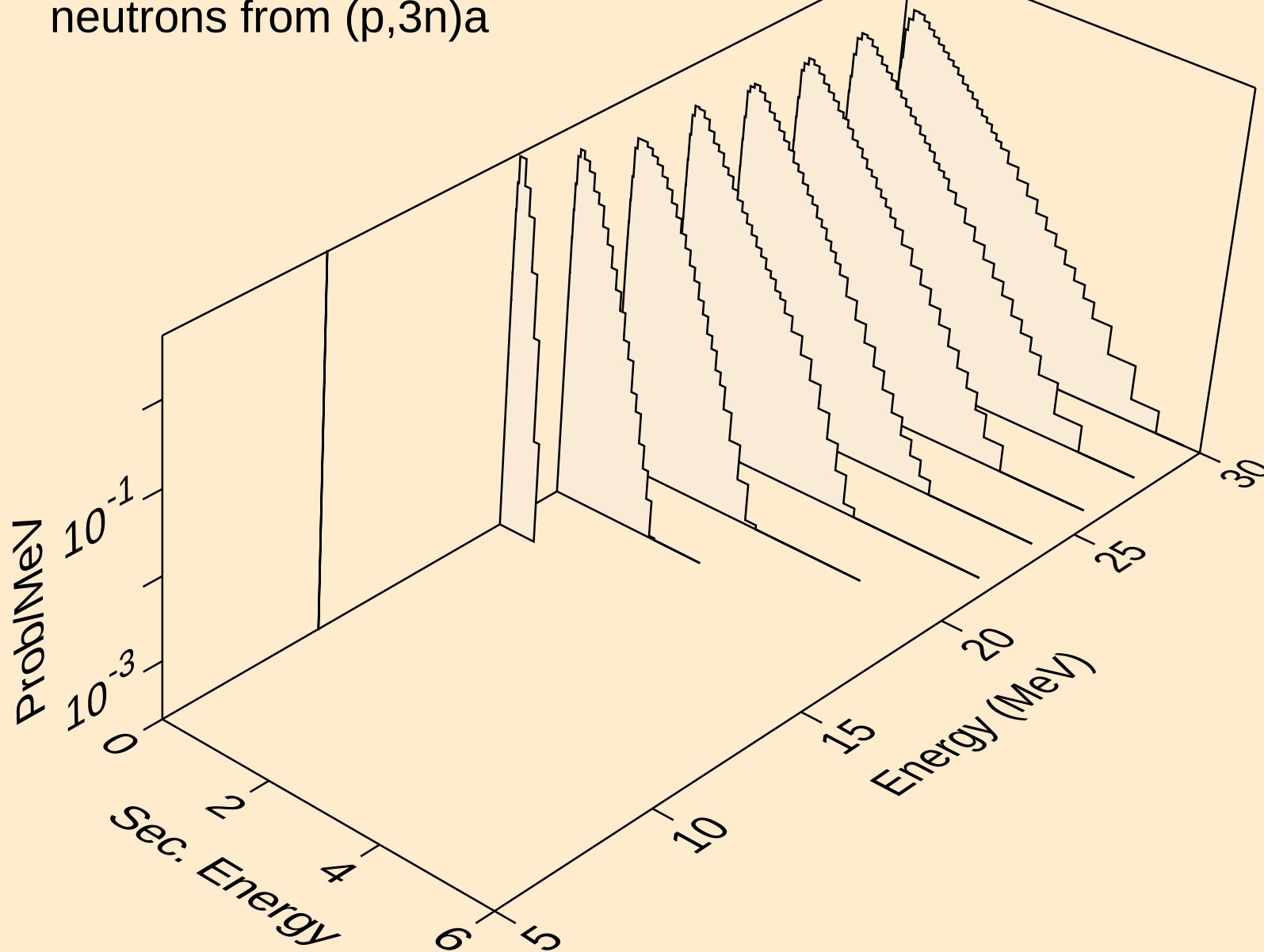
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)a



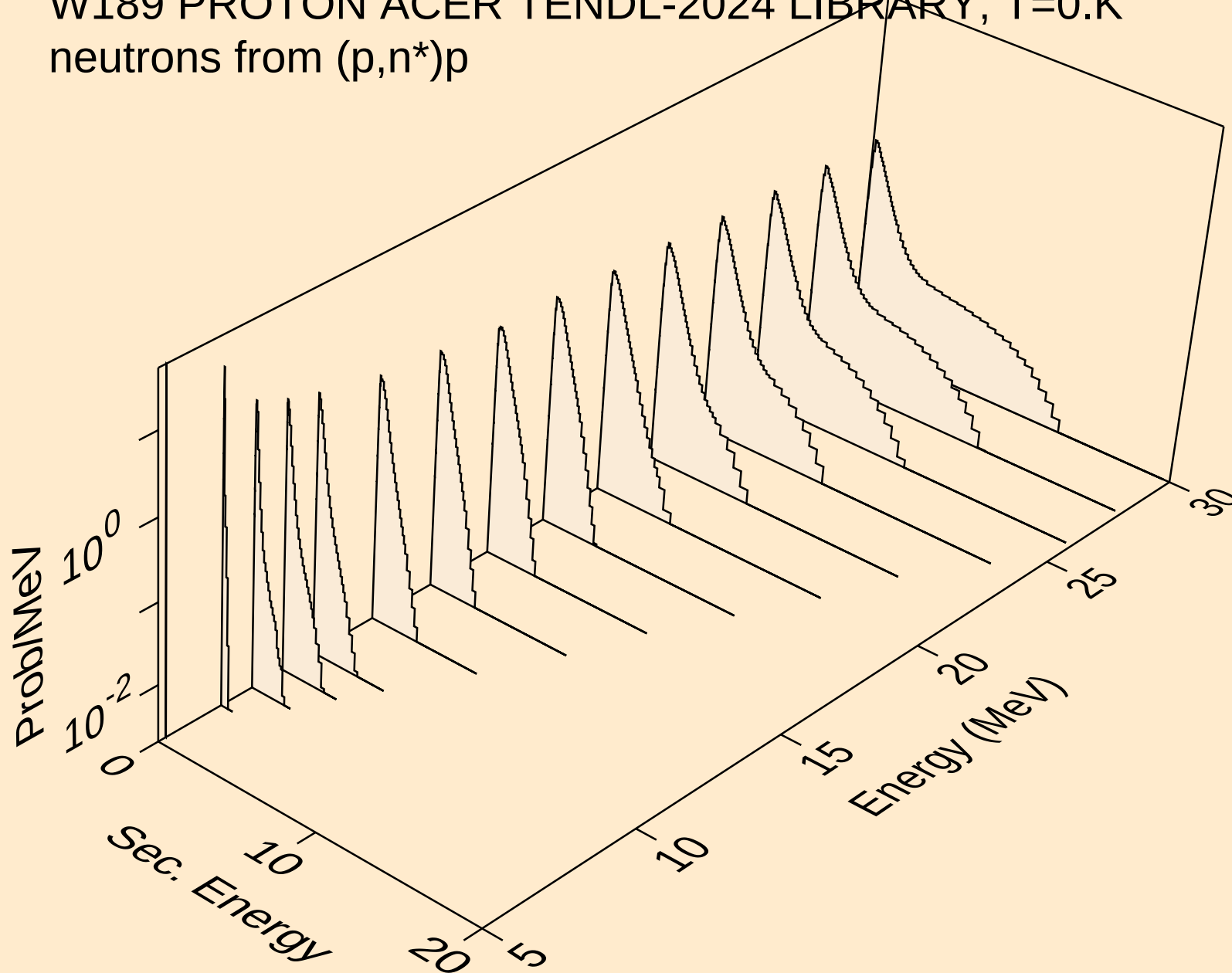
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)a



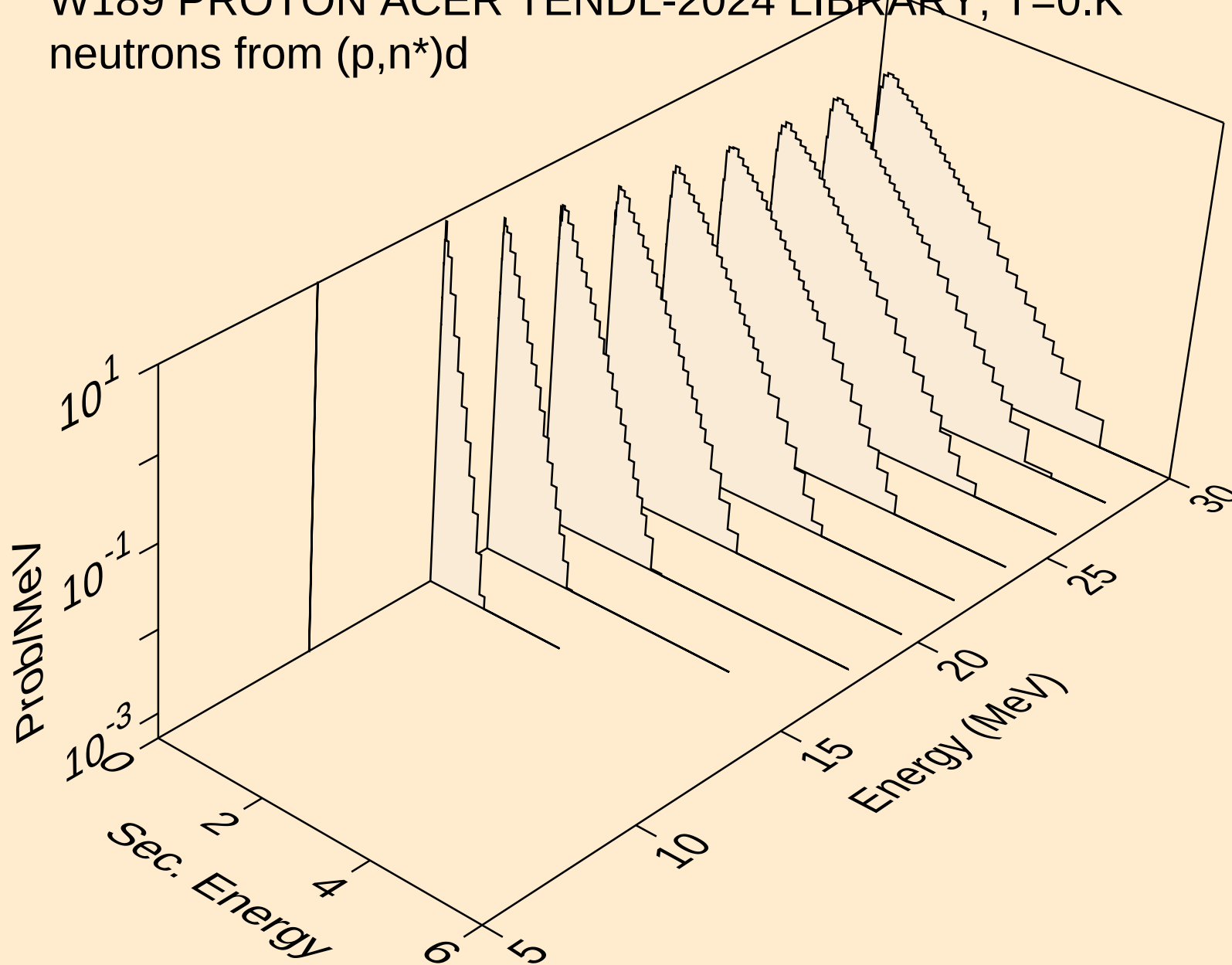
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)a



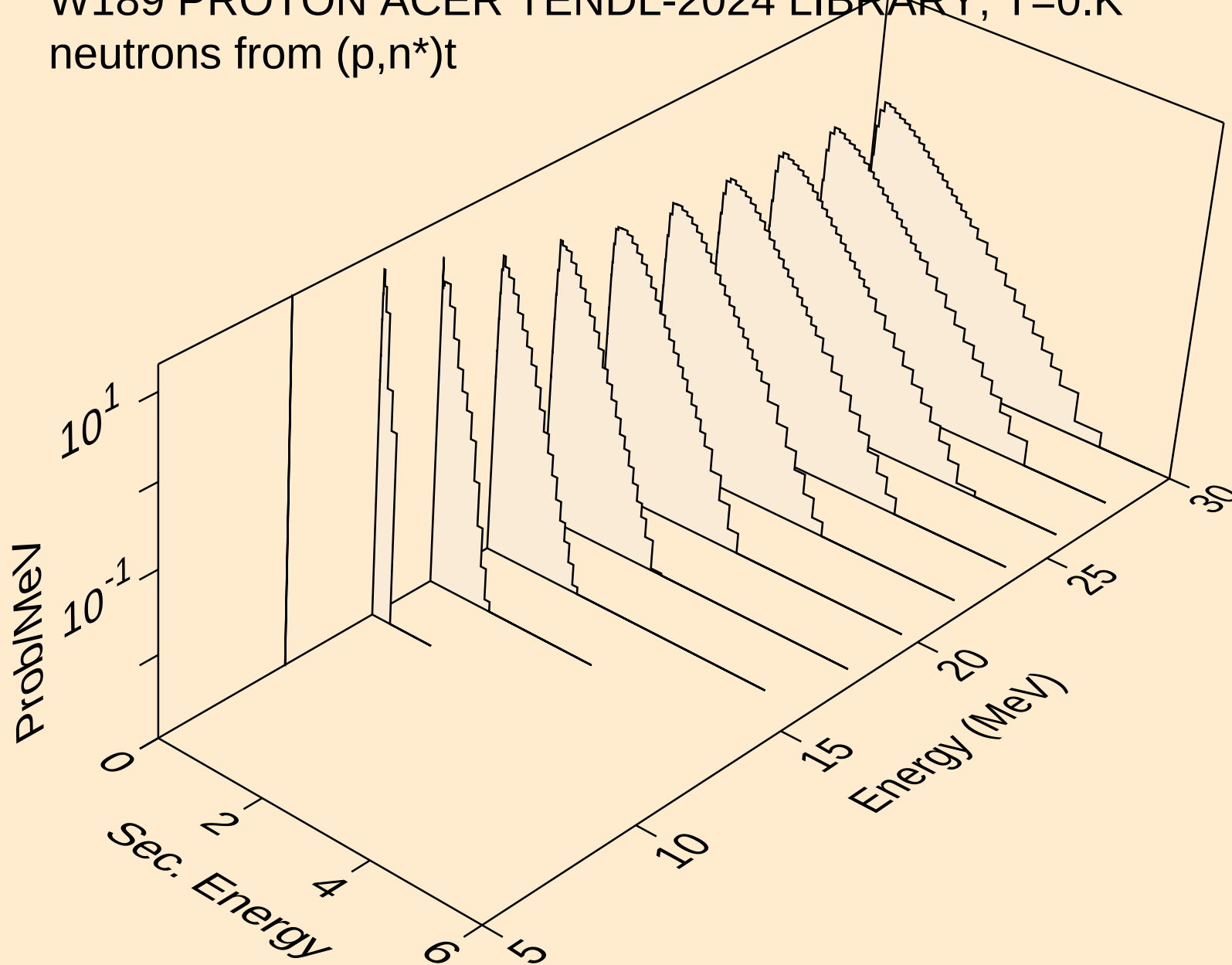
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)p



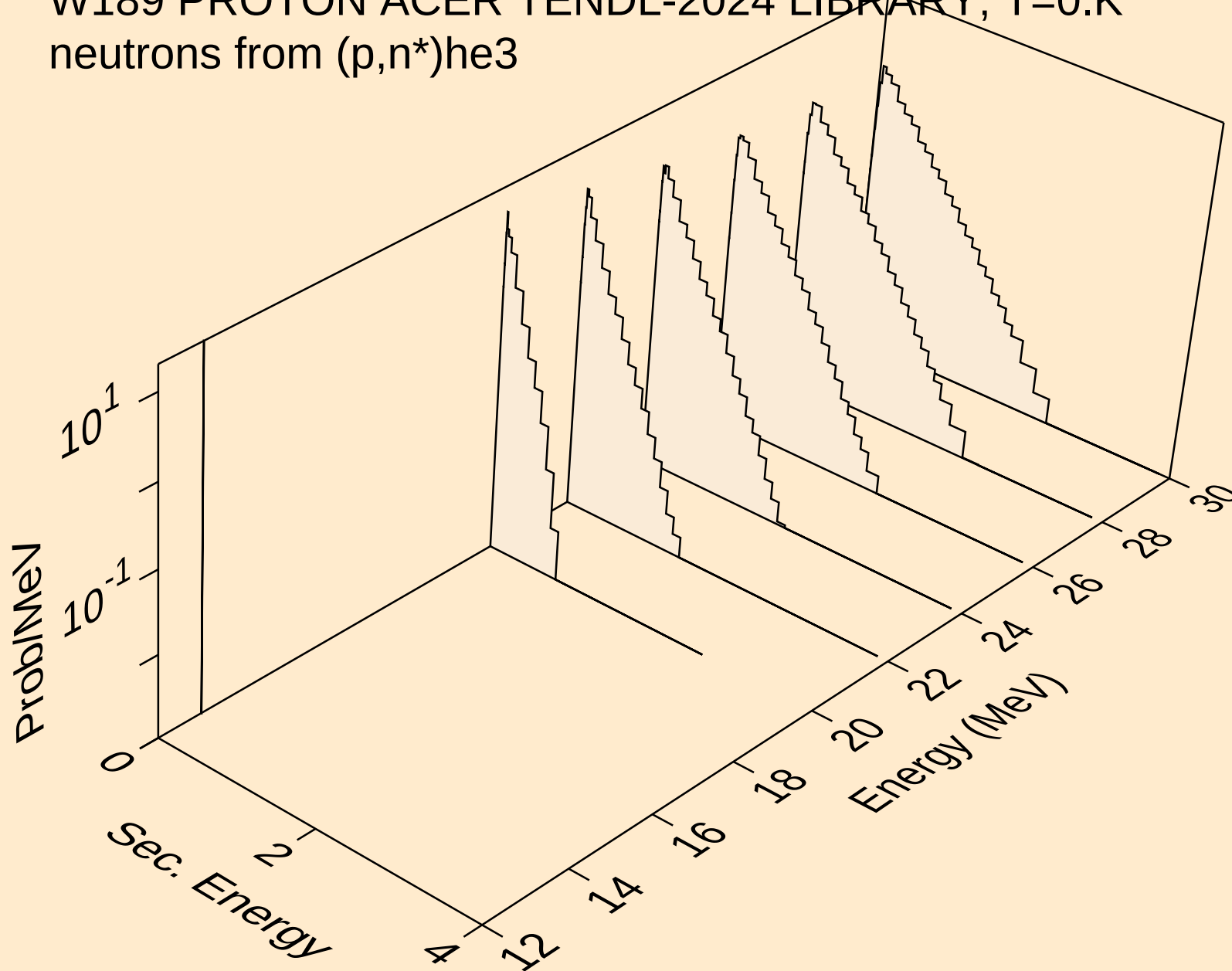
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)d



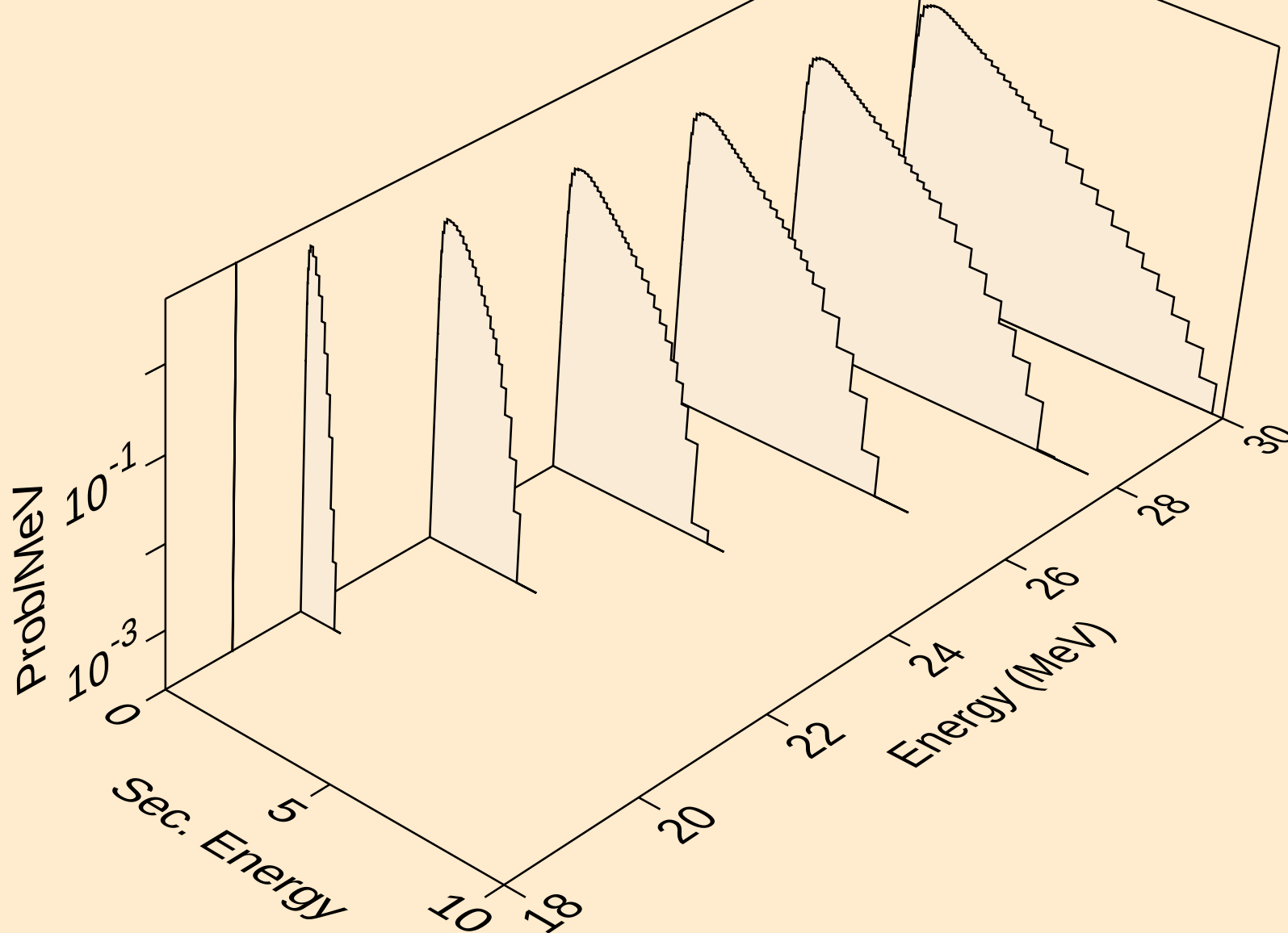
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)t



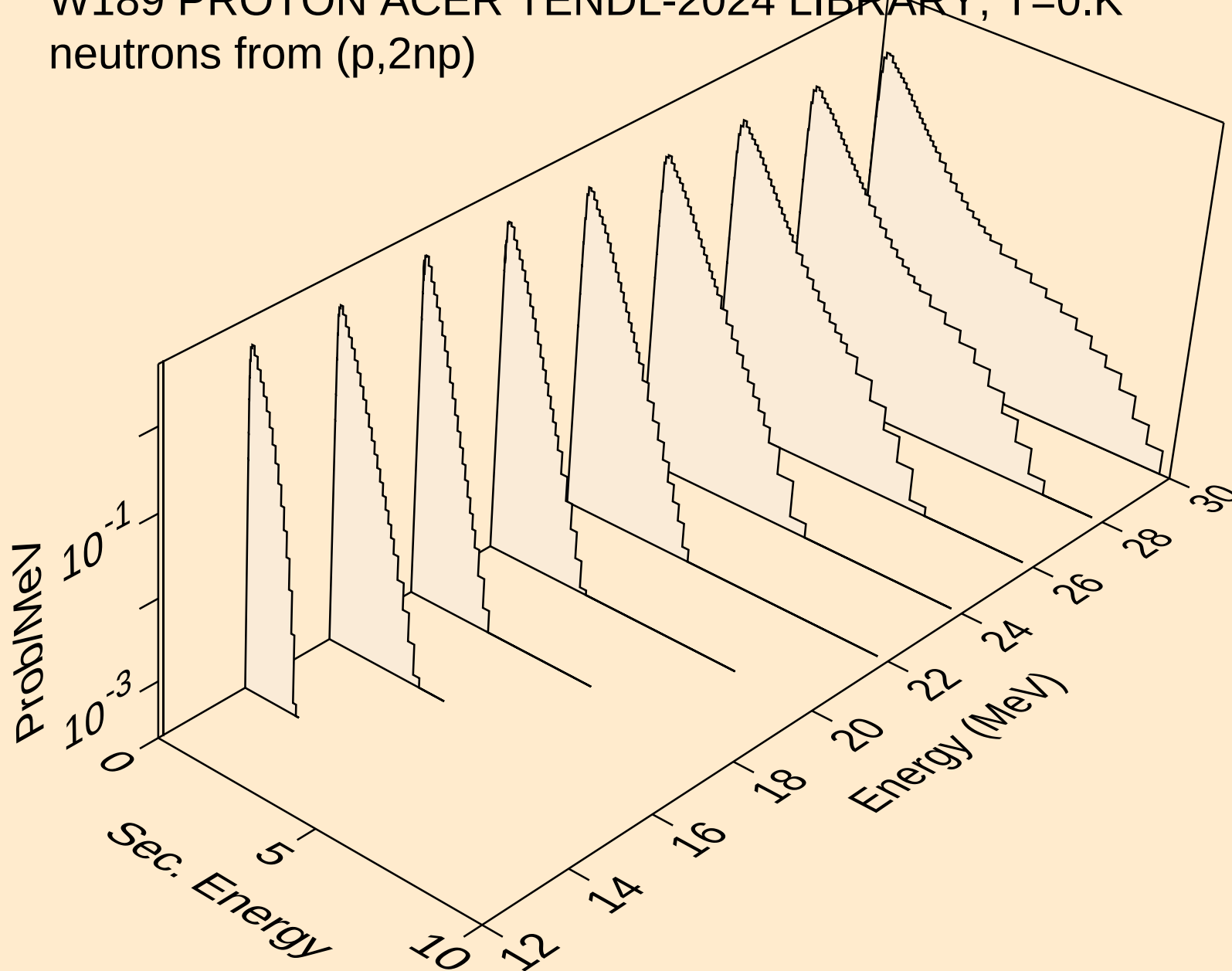
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)he3



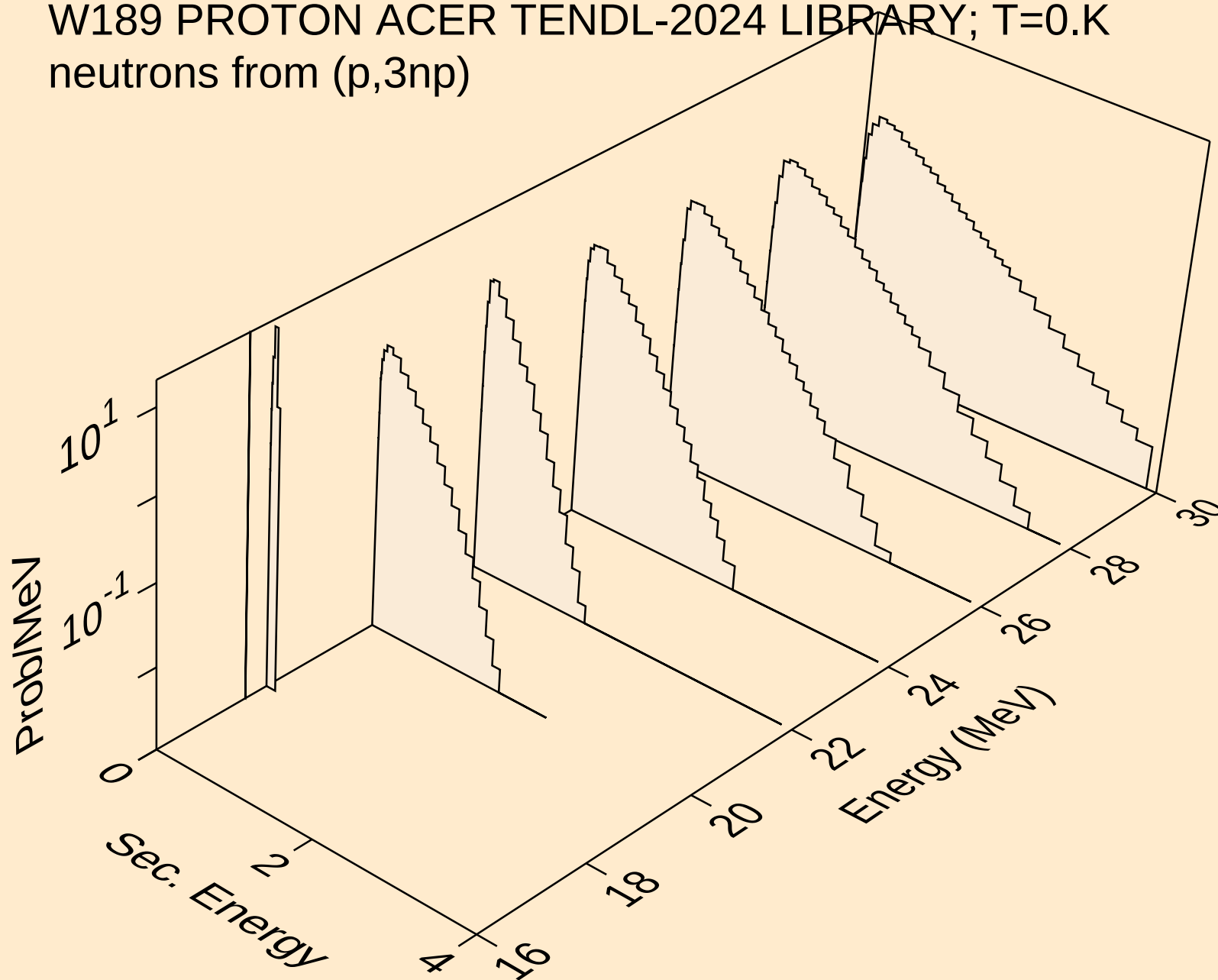
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,4n)



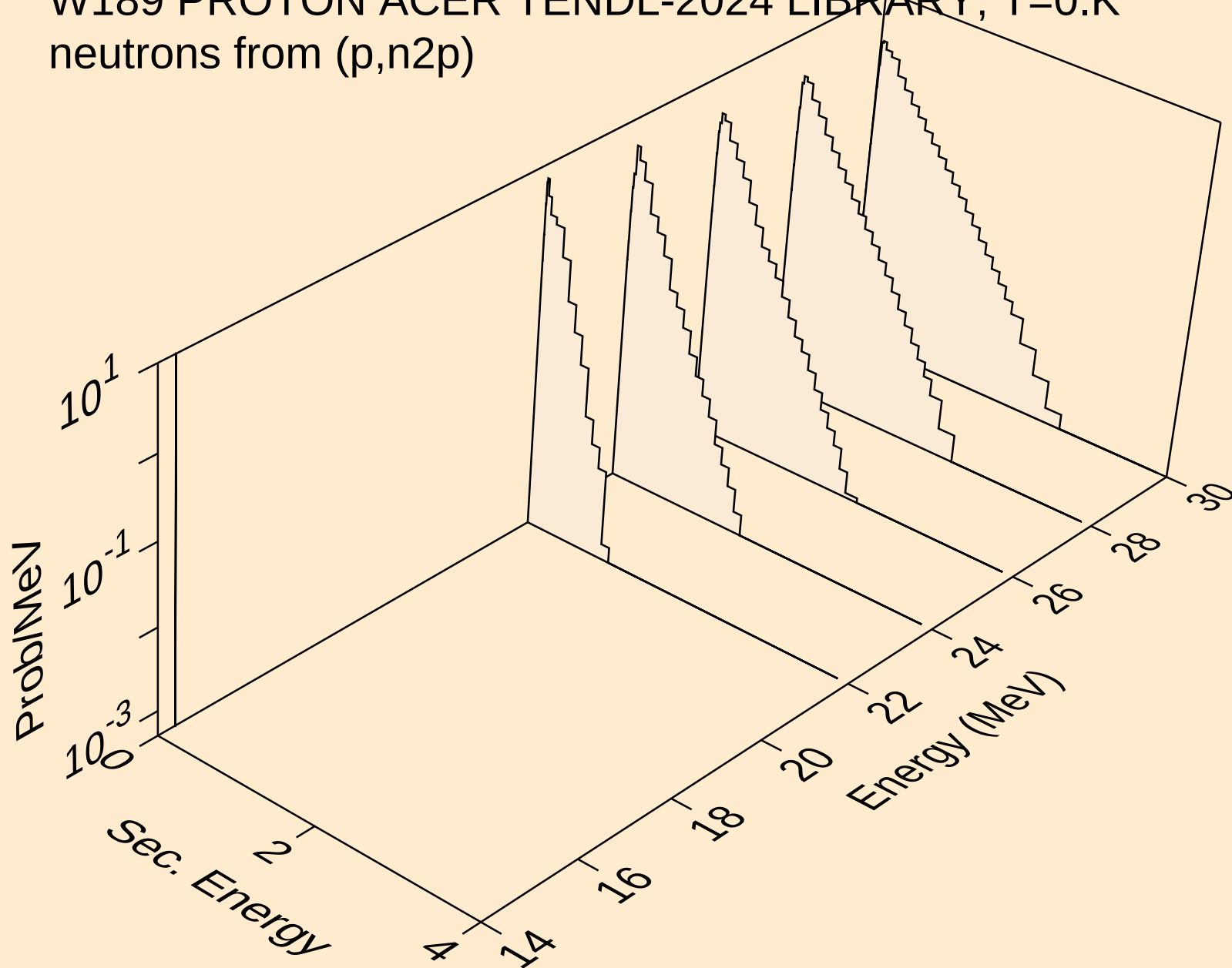
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2np)



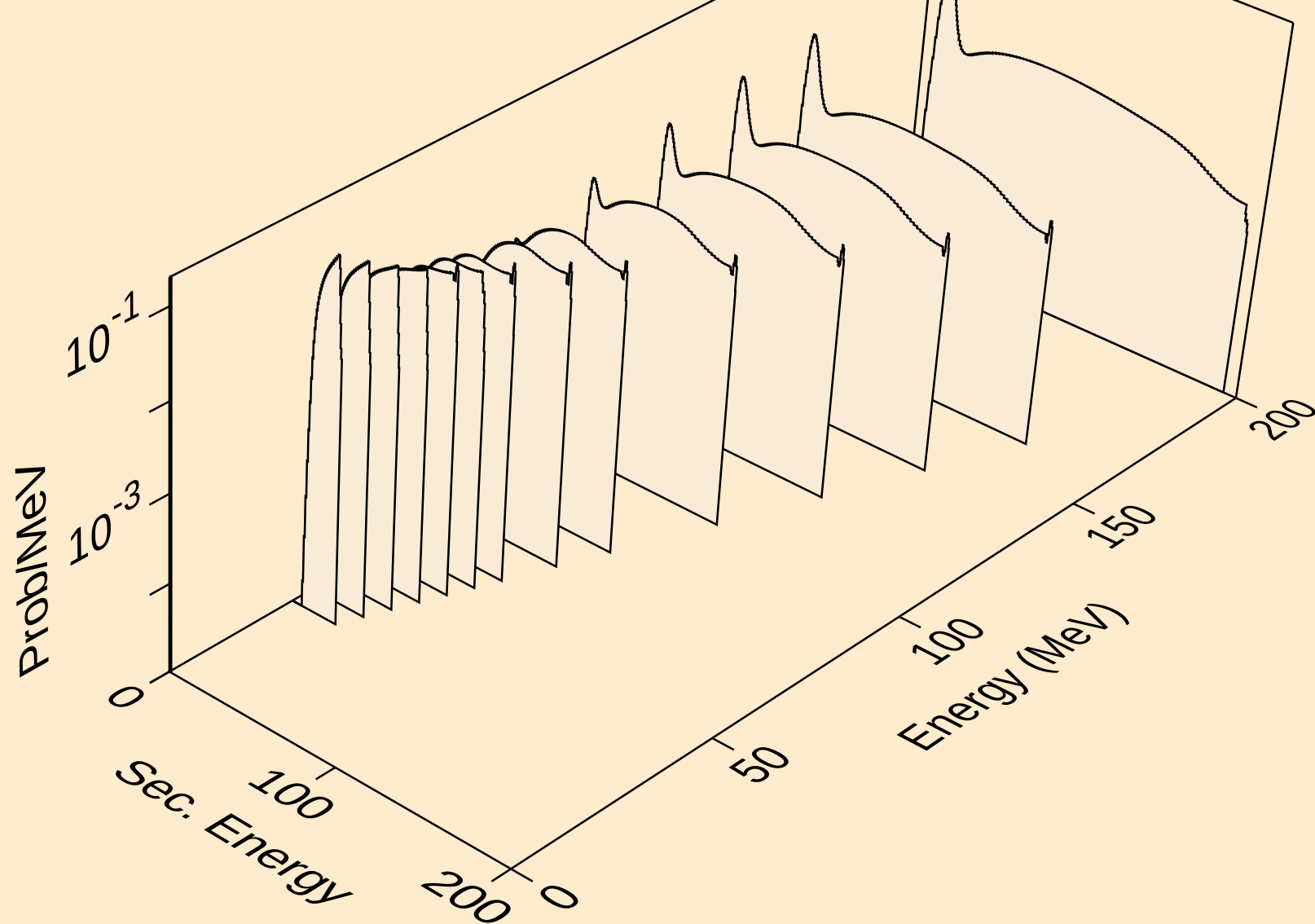
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3np)



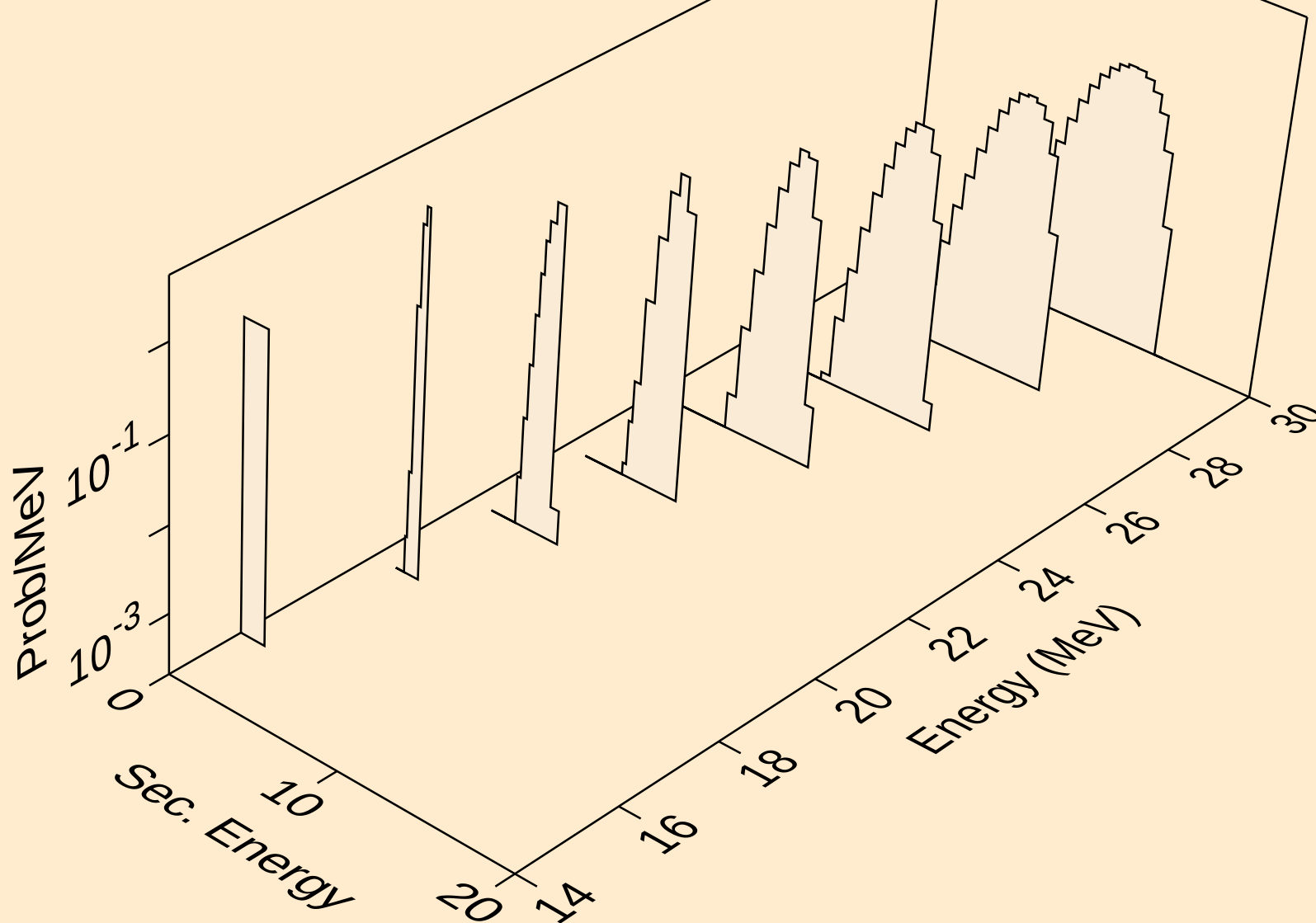
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n2p)



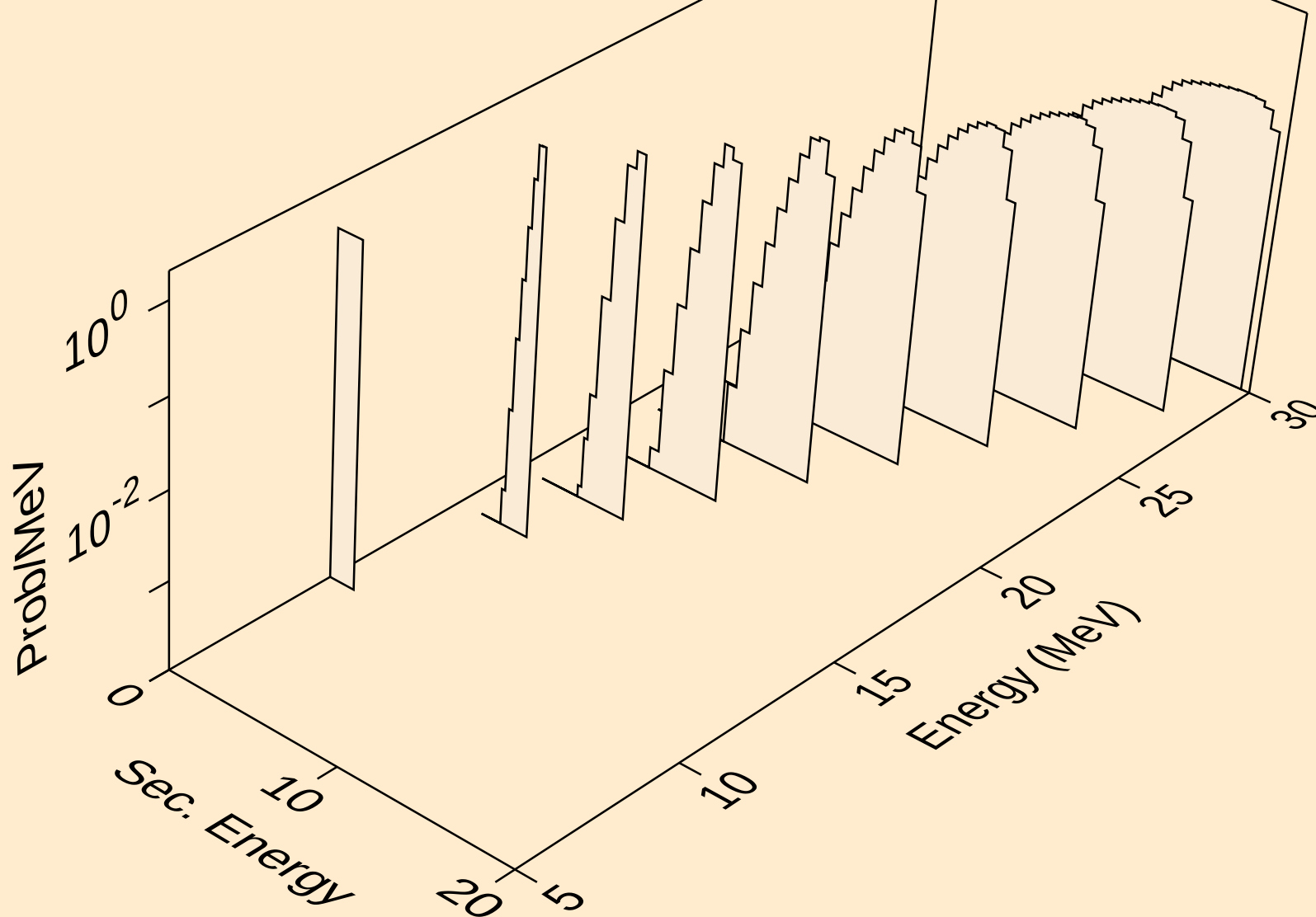
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,x)



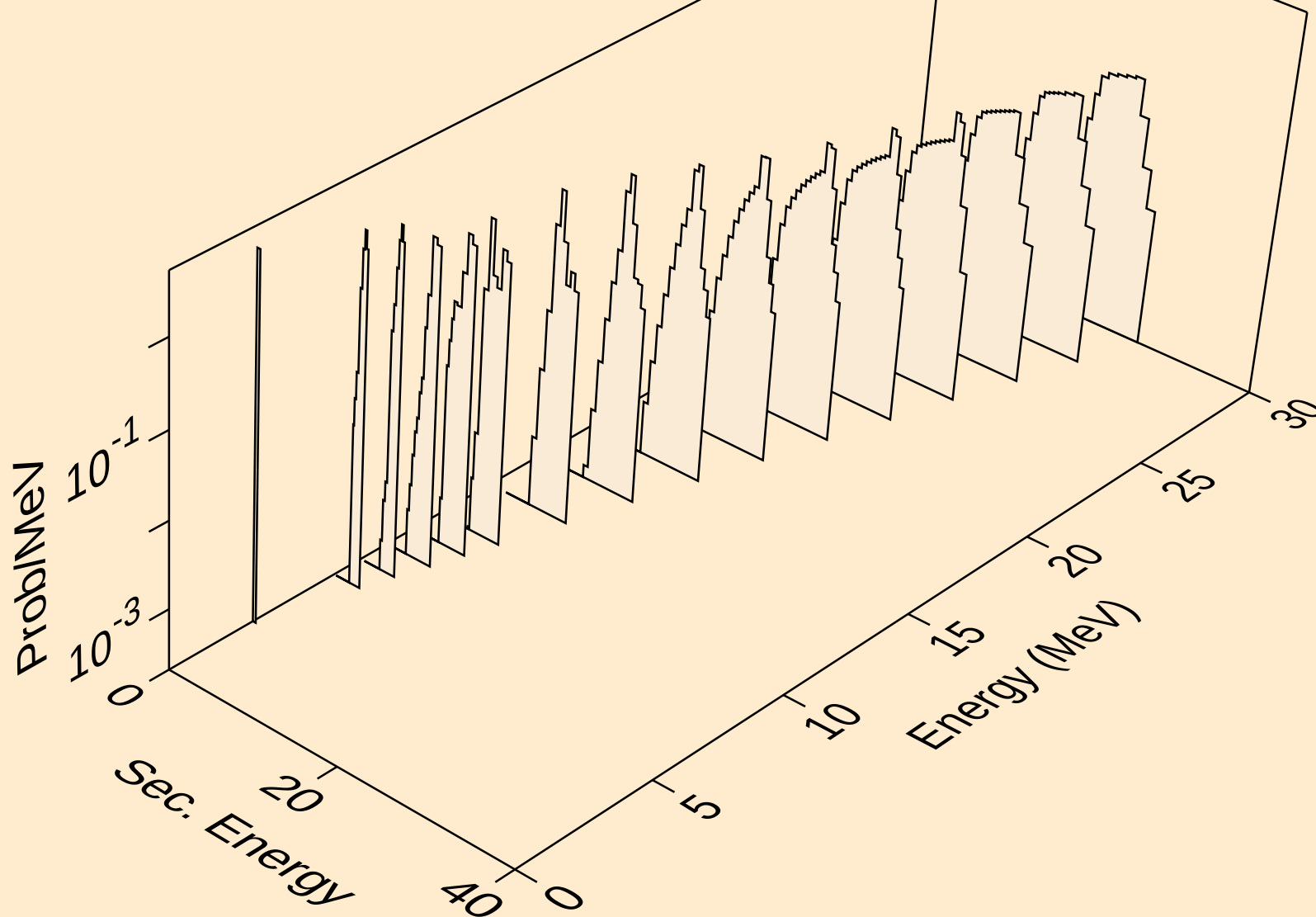
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,2nd)



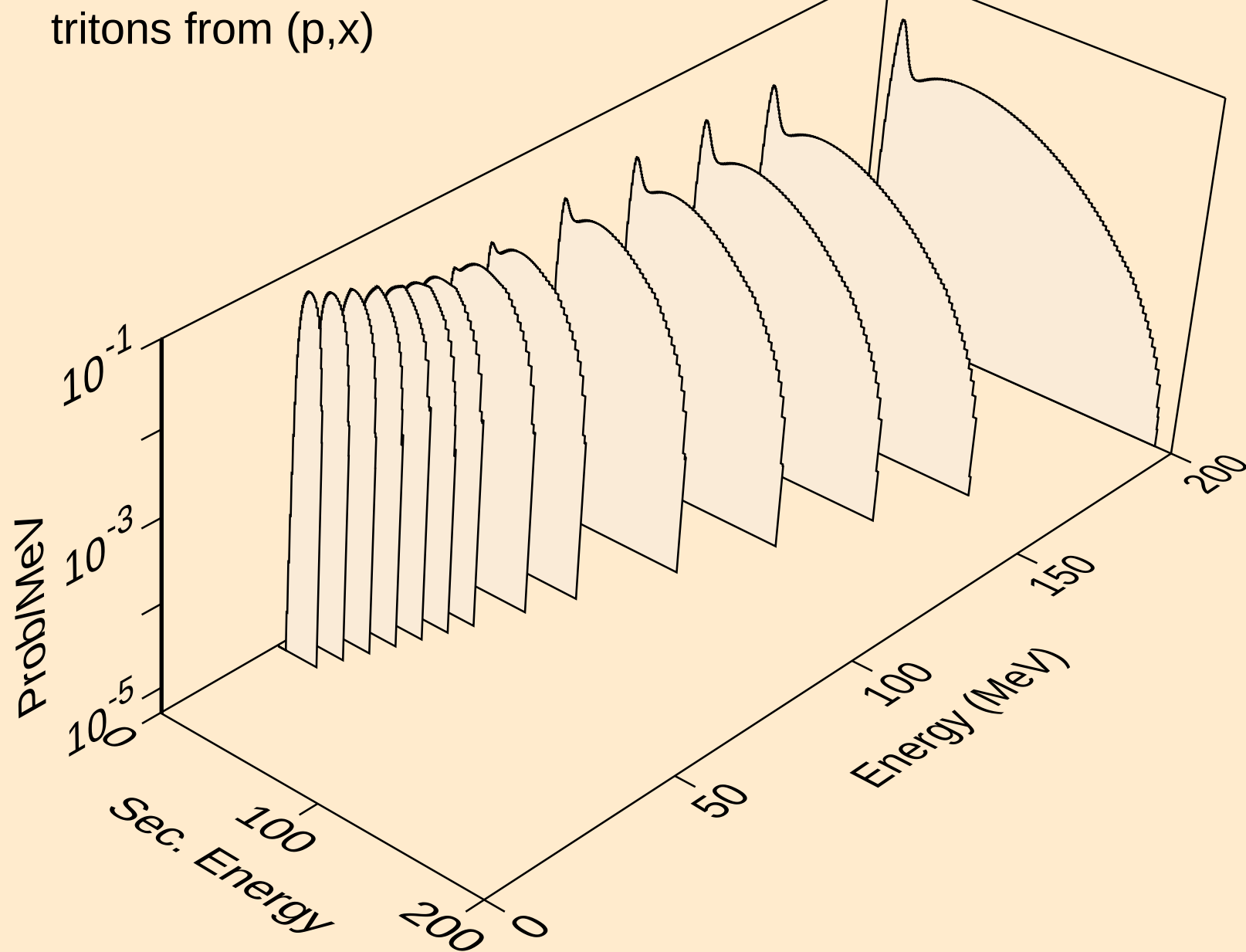
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,n*)d



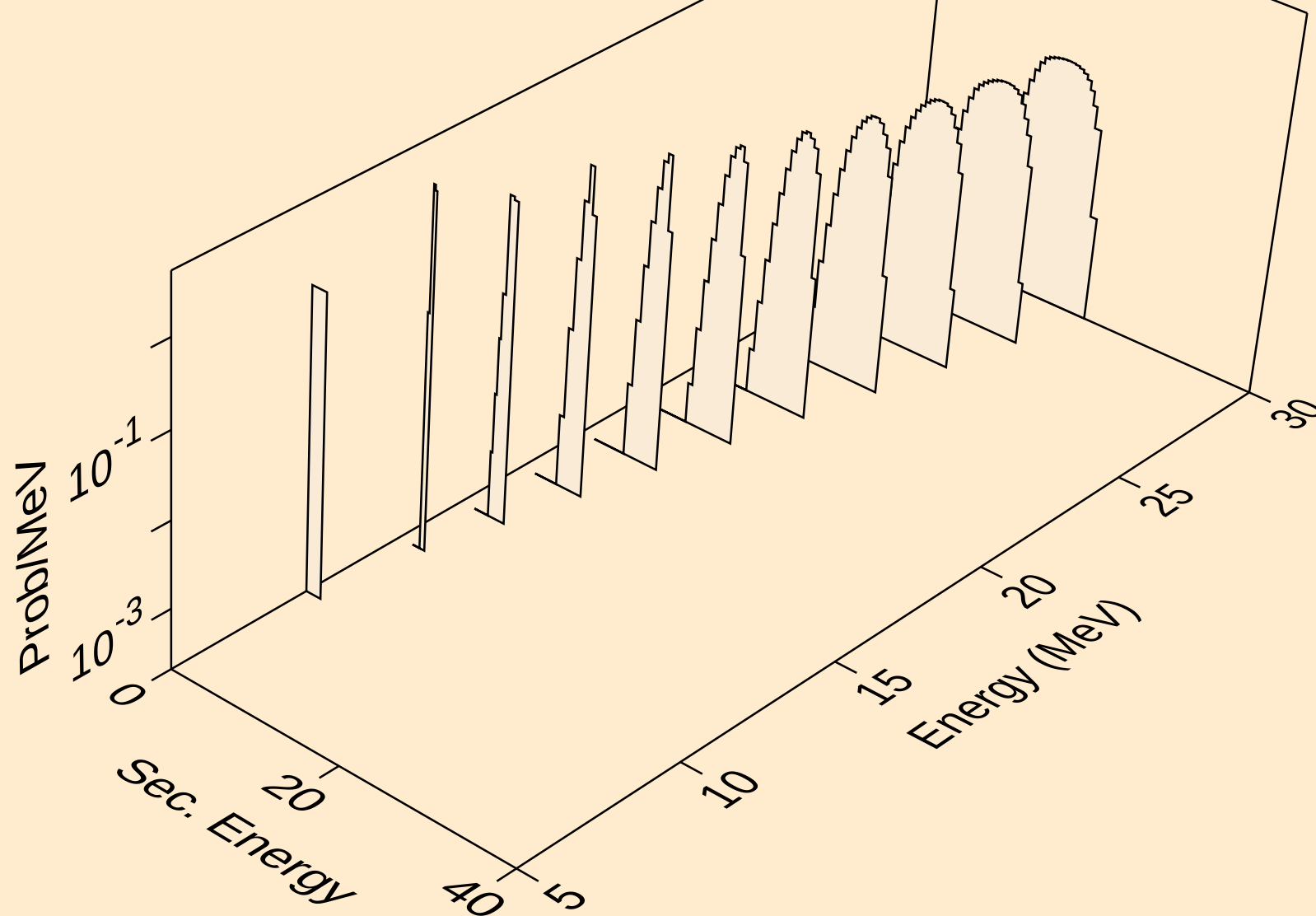
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,d)



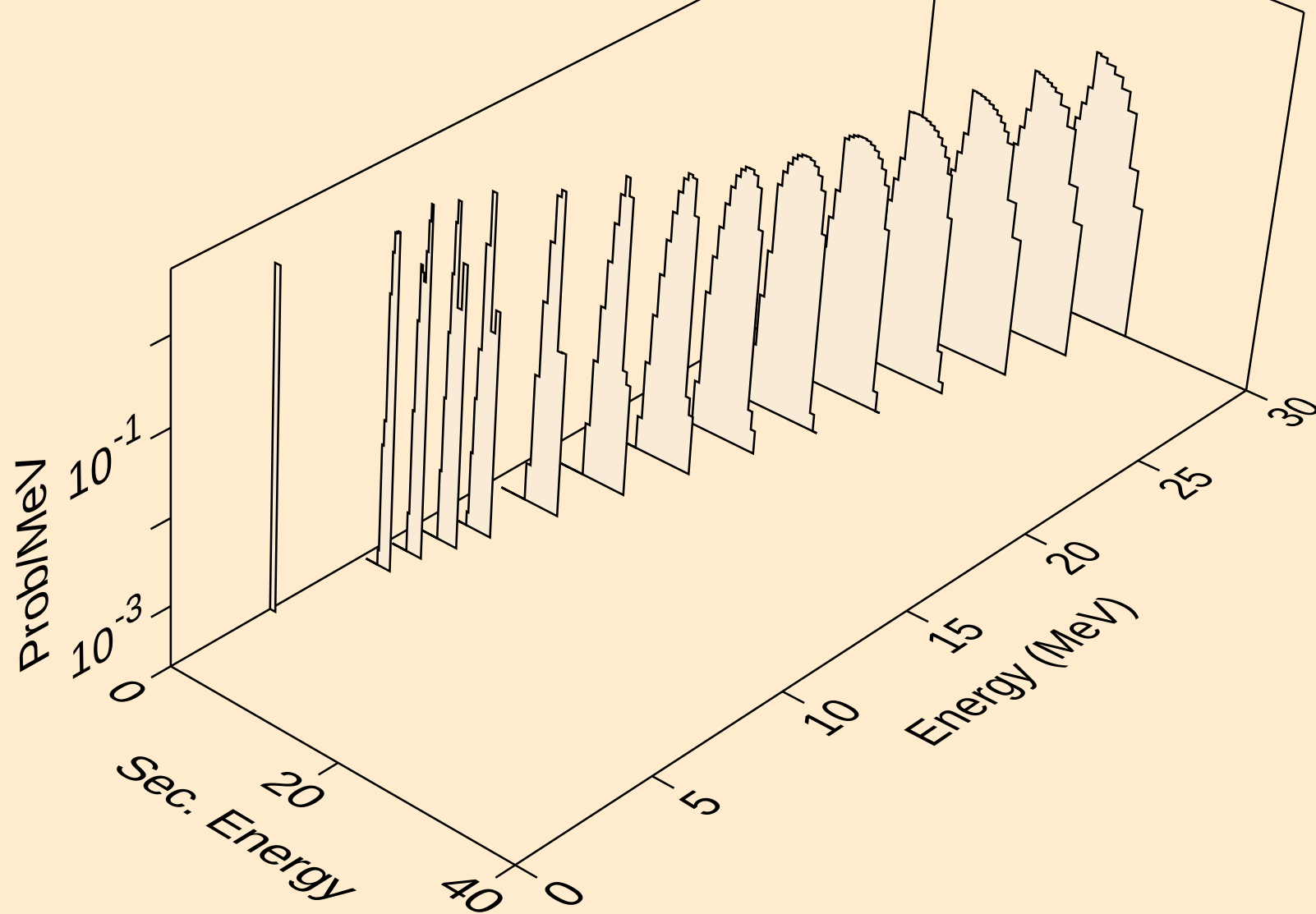
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,x)



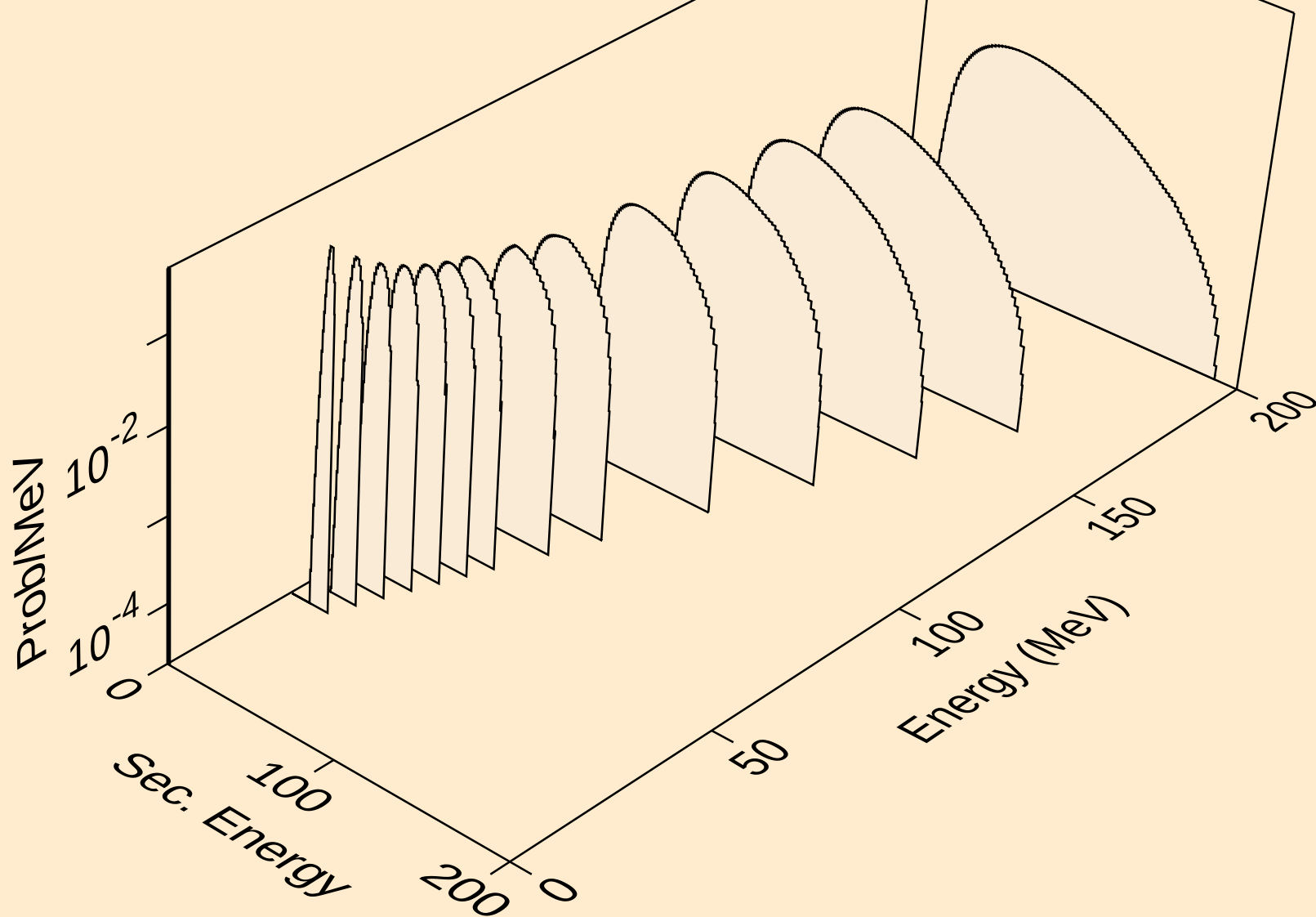
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,n*)t



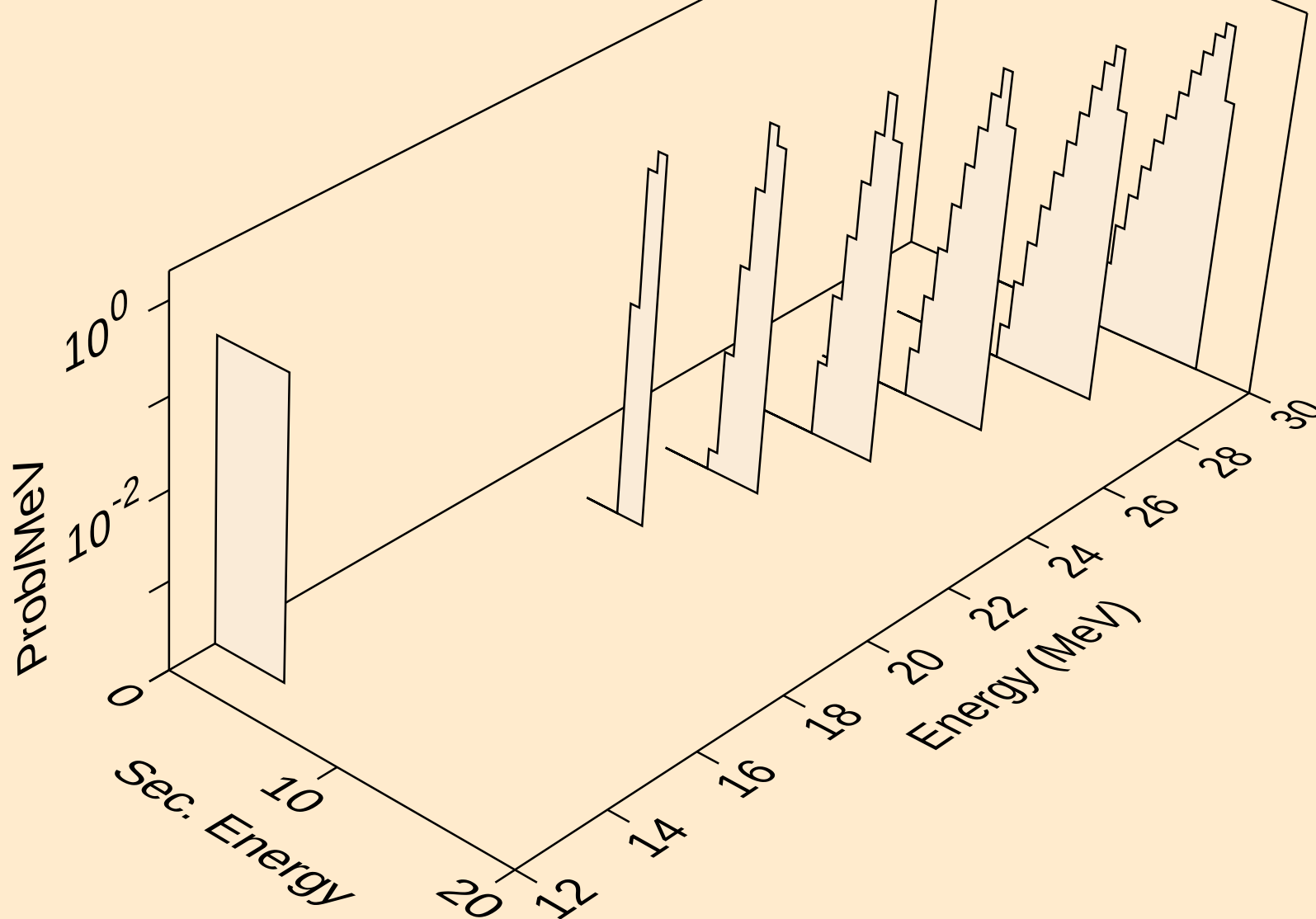
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,t)



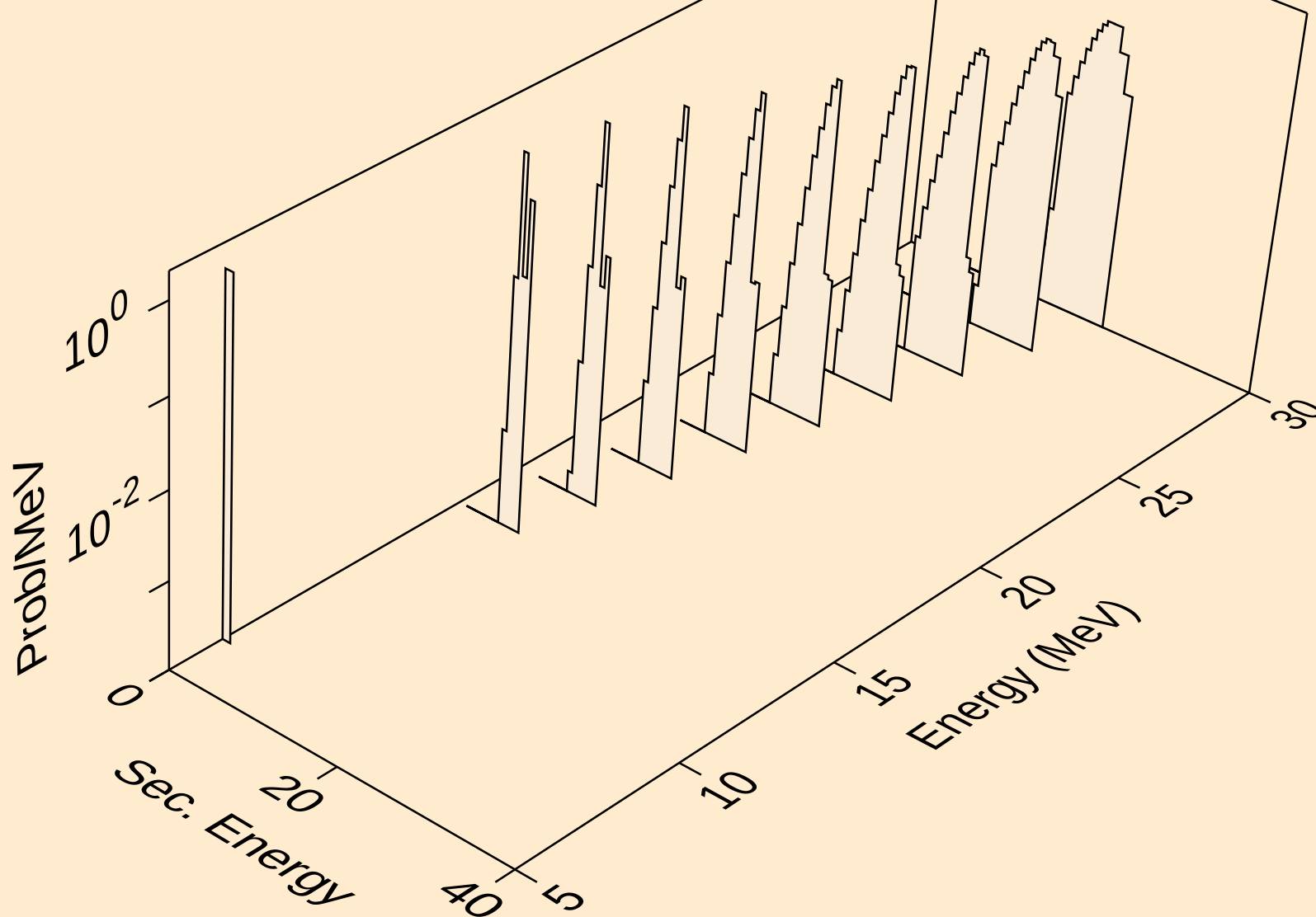
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,x)



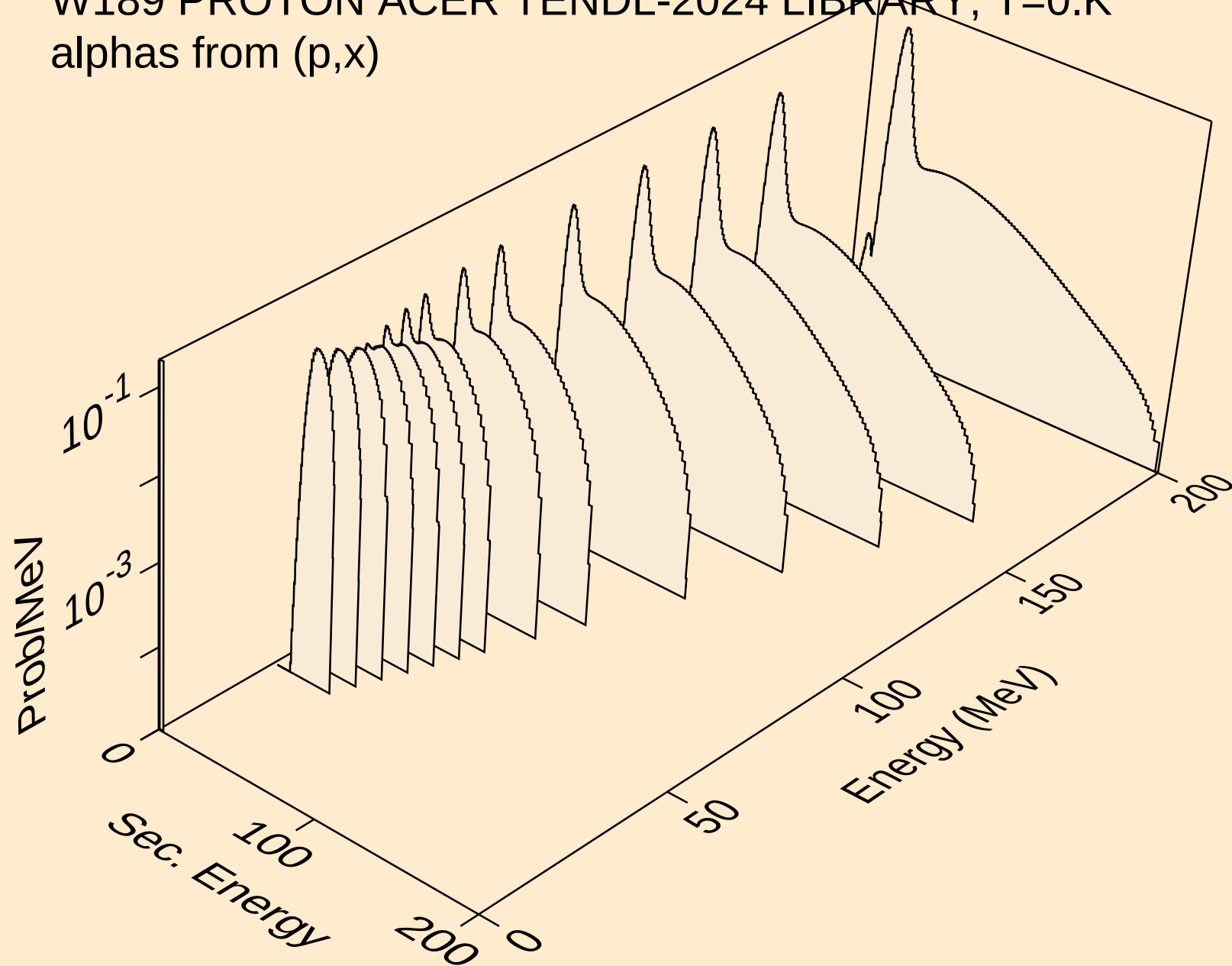
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,n*)he3



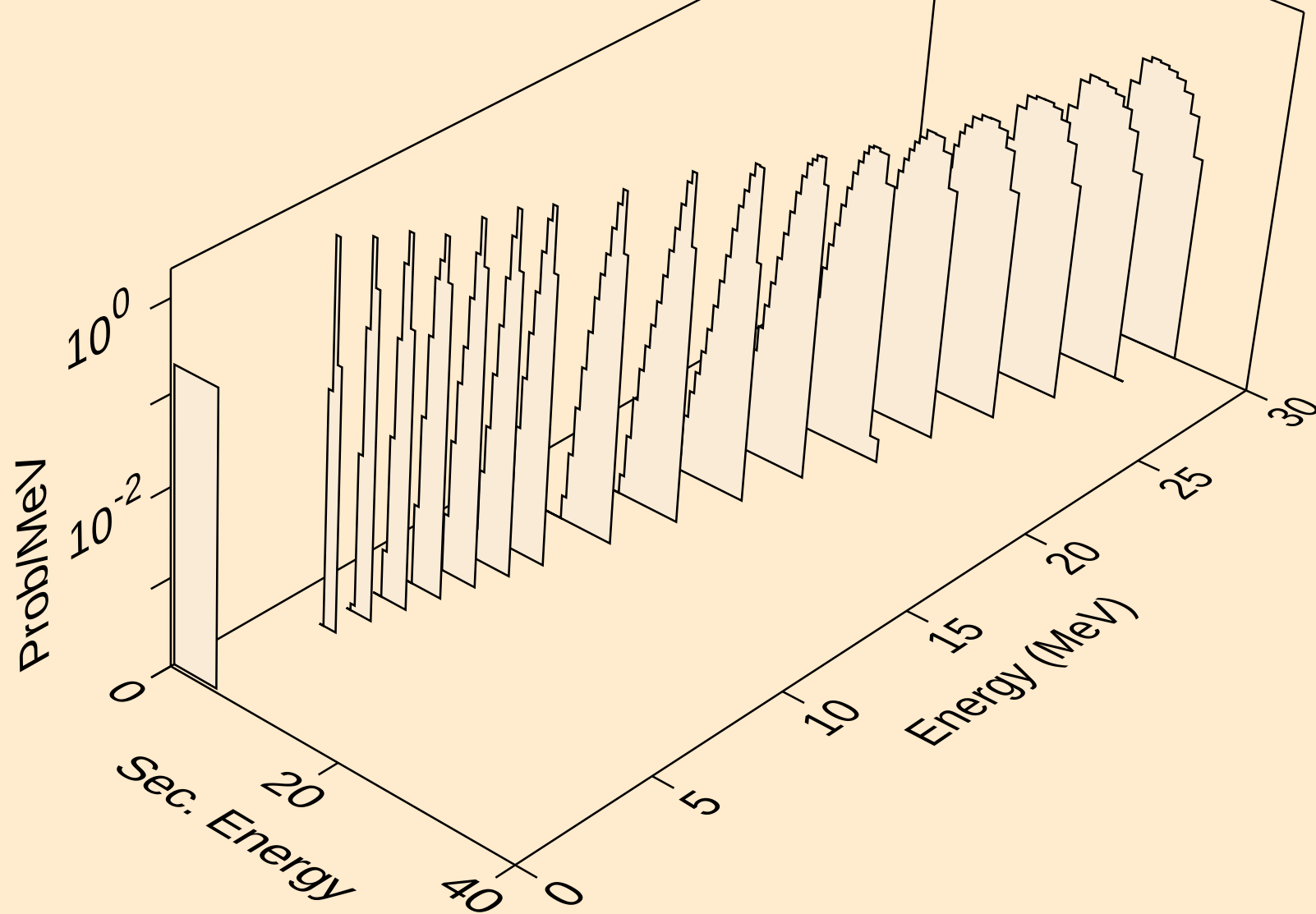
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,he3)



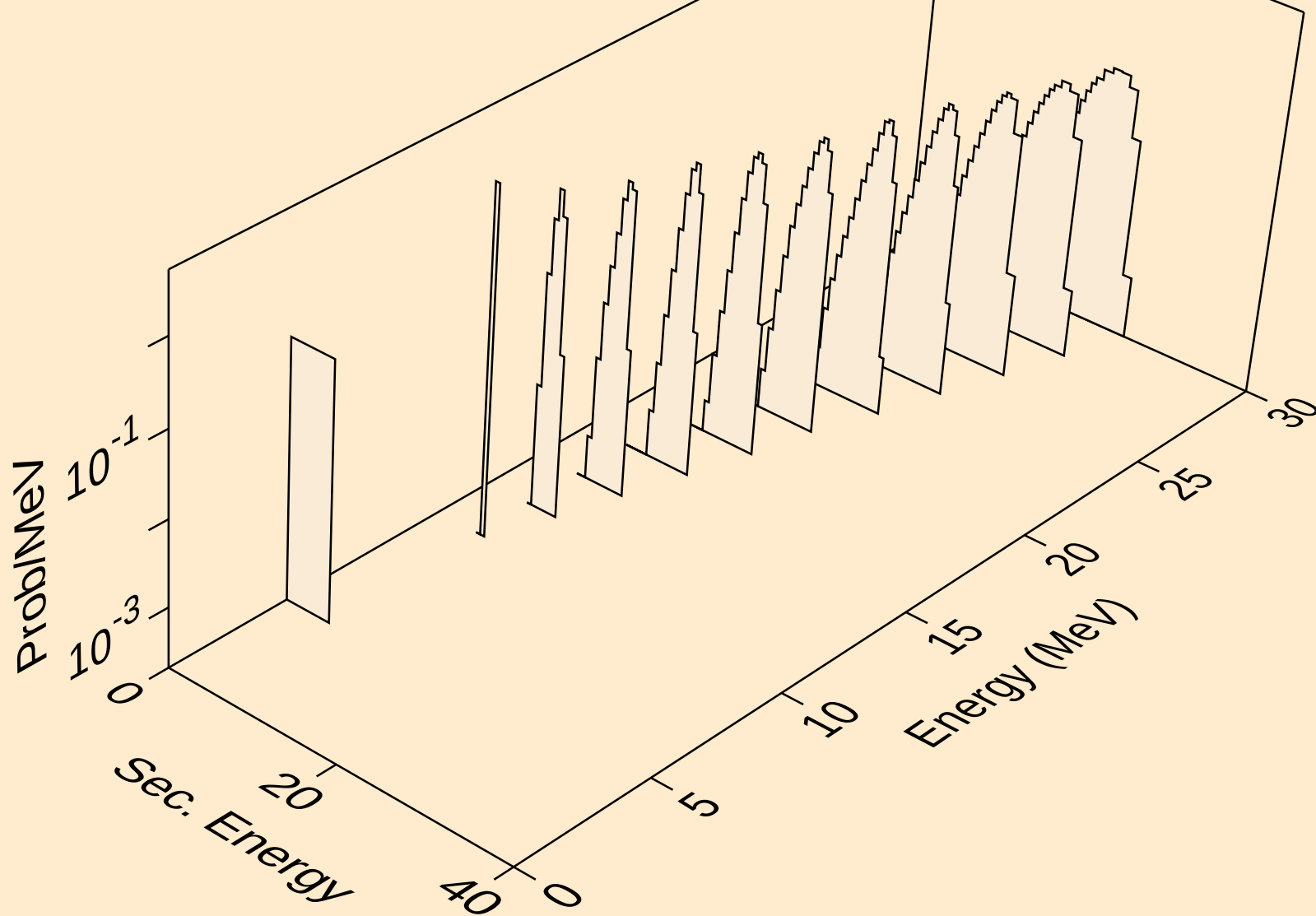
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,x)



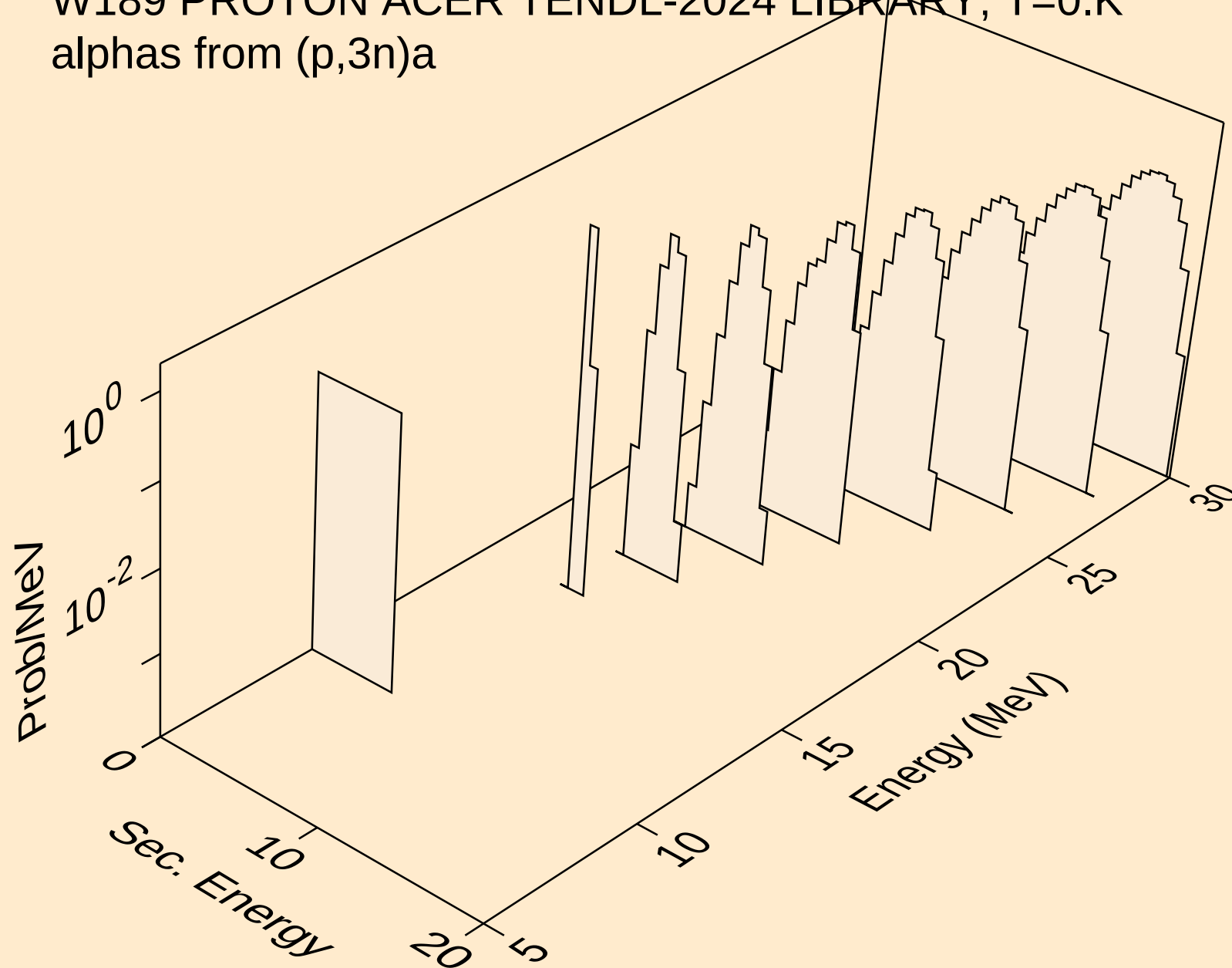
W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)a



W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2n)a



W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,3n)a



W189 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,a)

