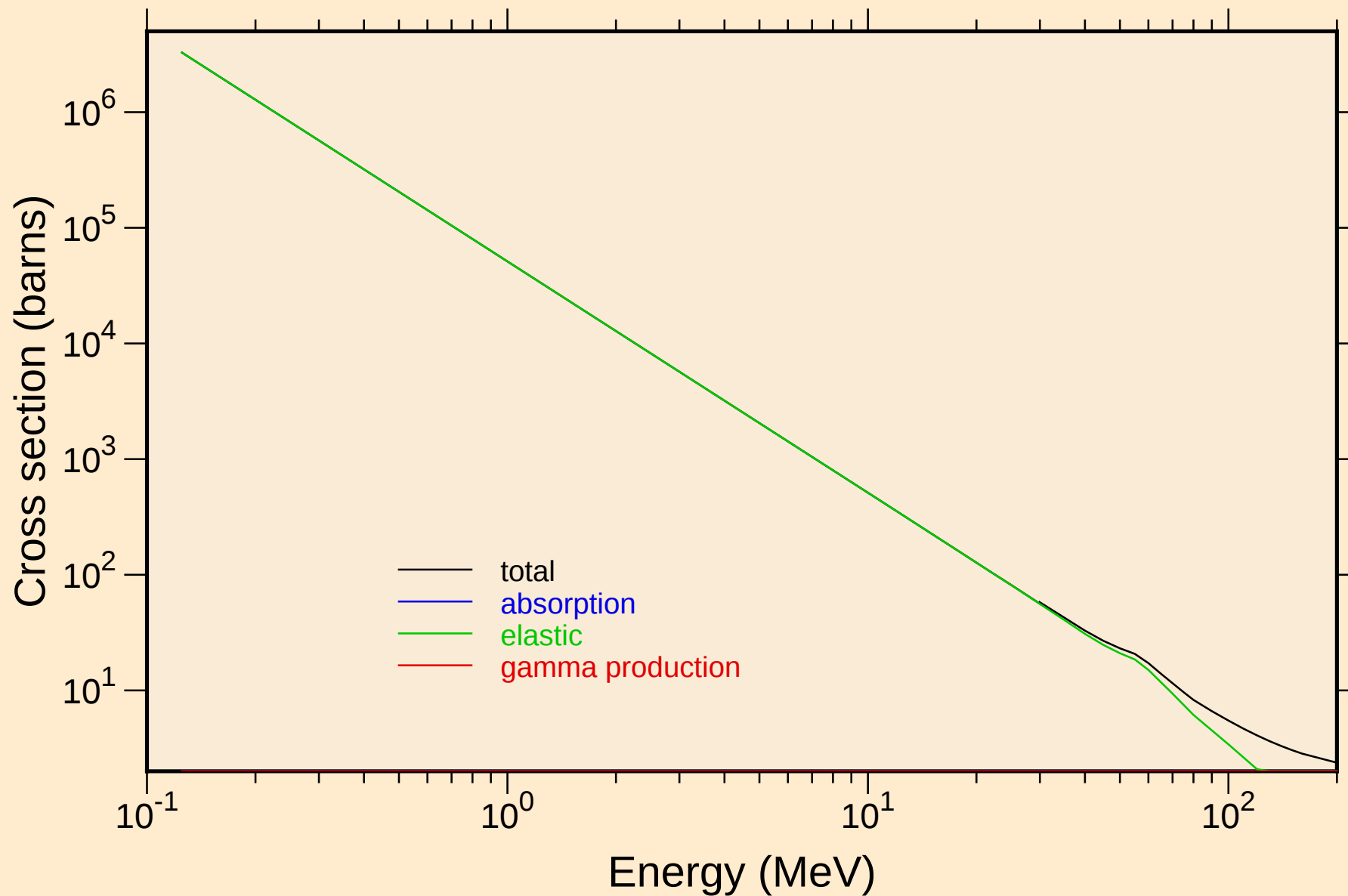


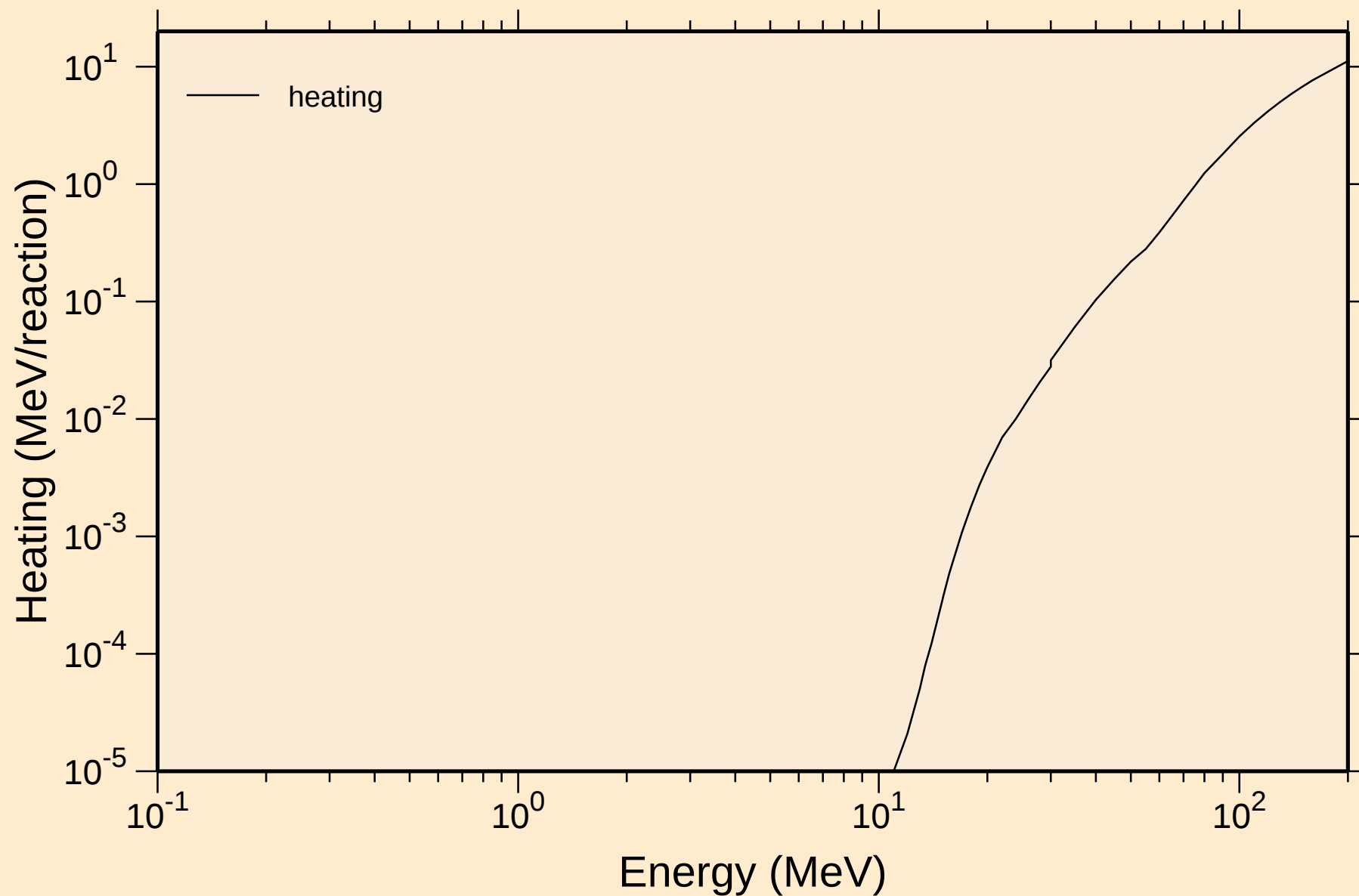
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



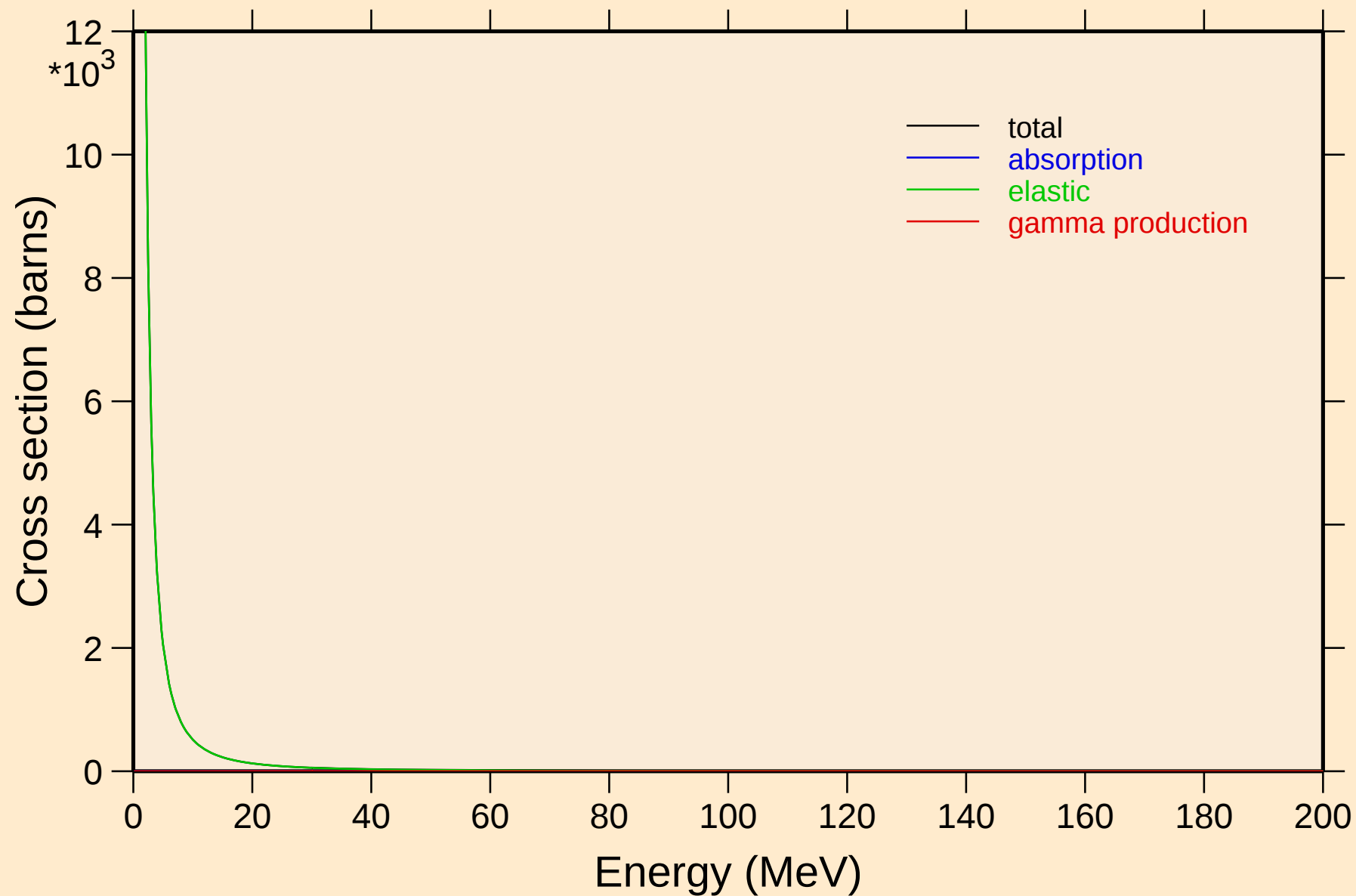
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



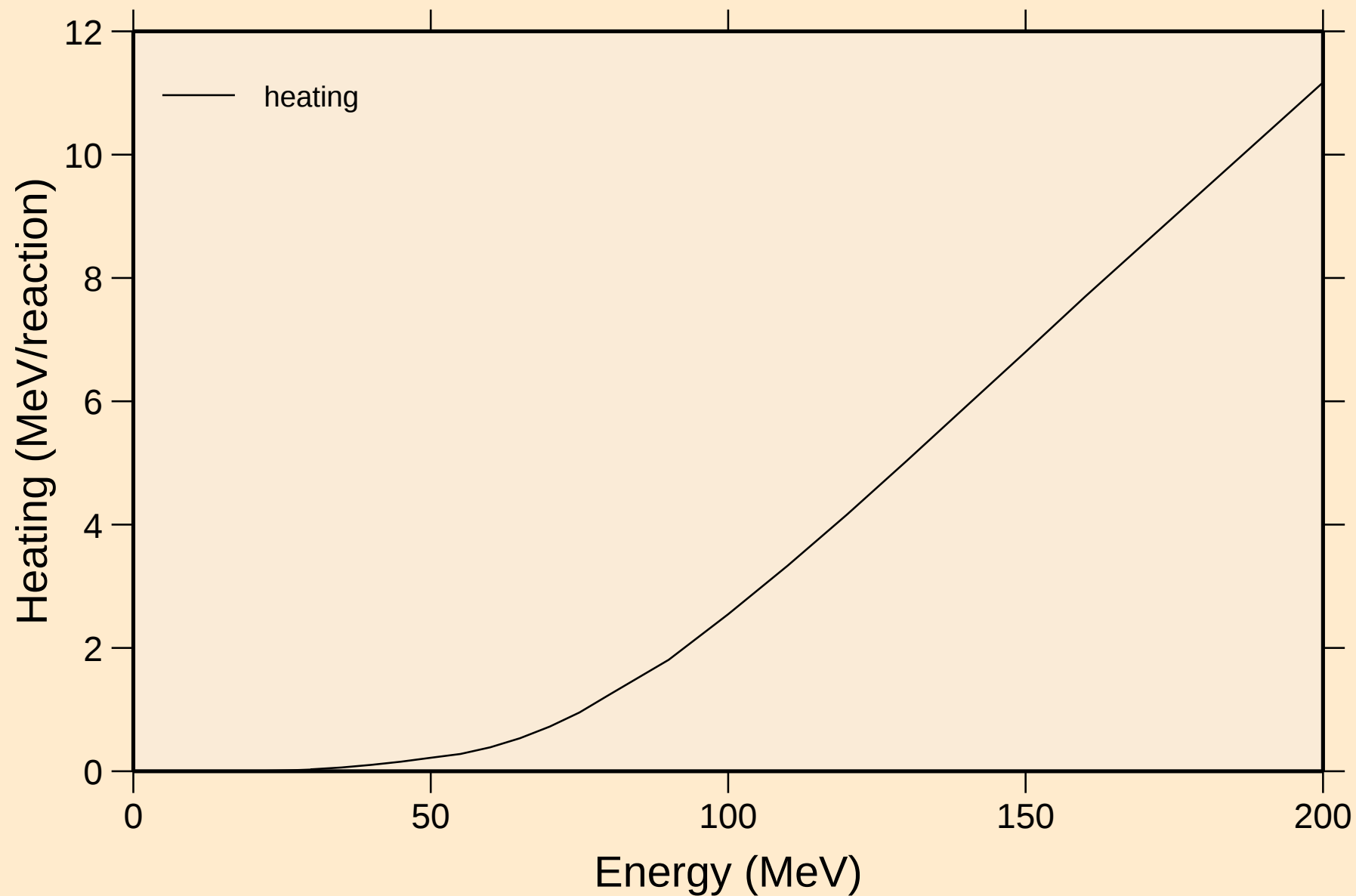
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



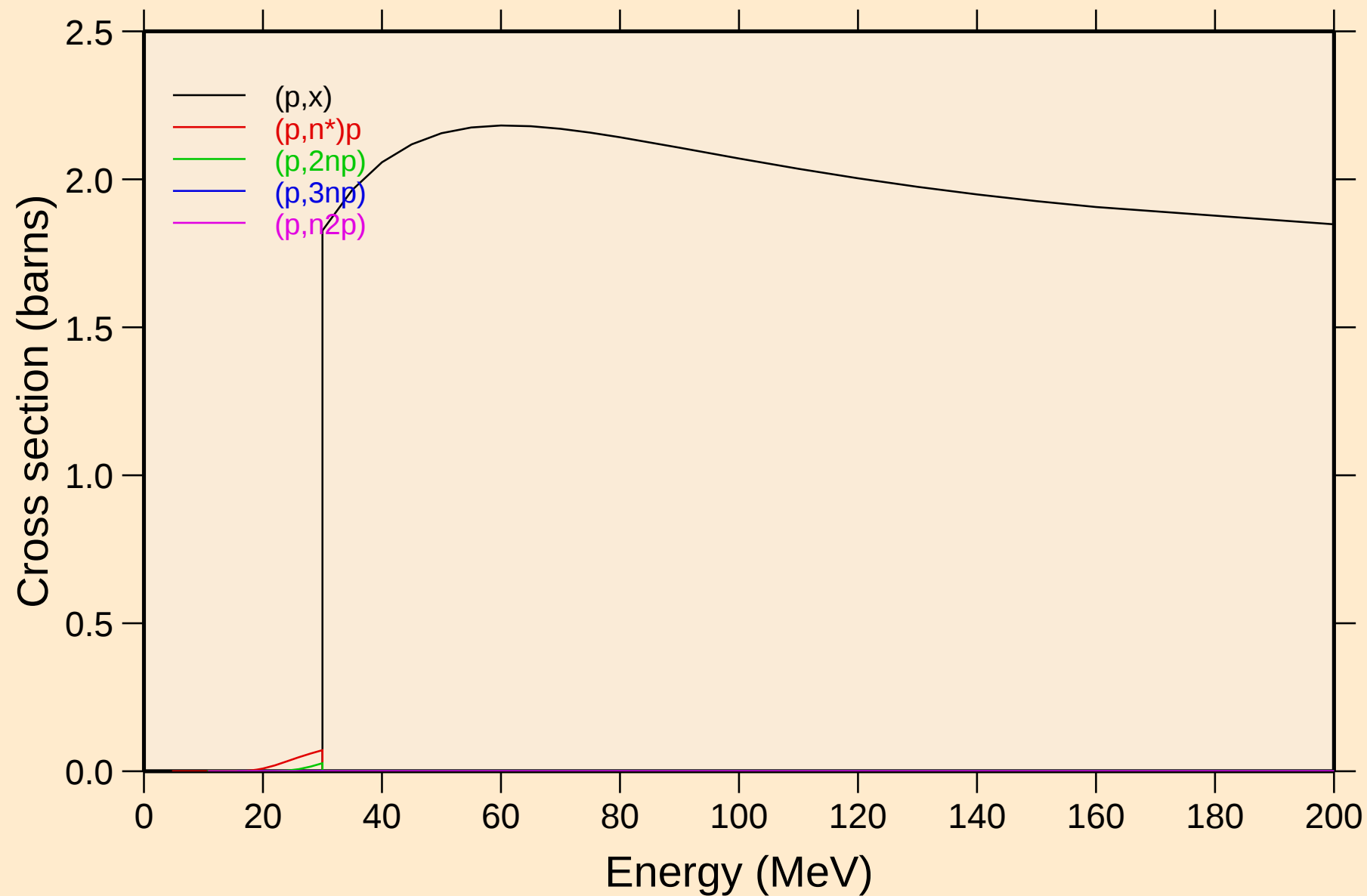
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



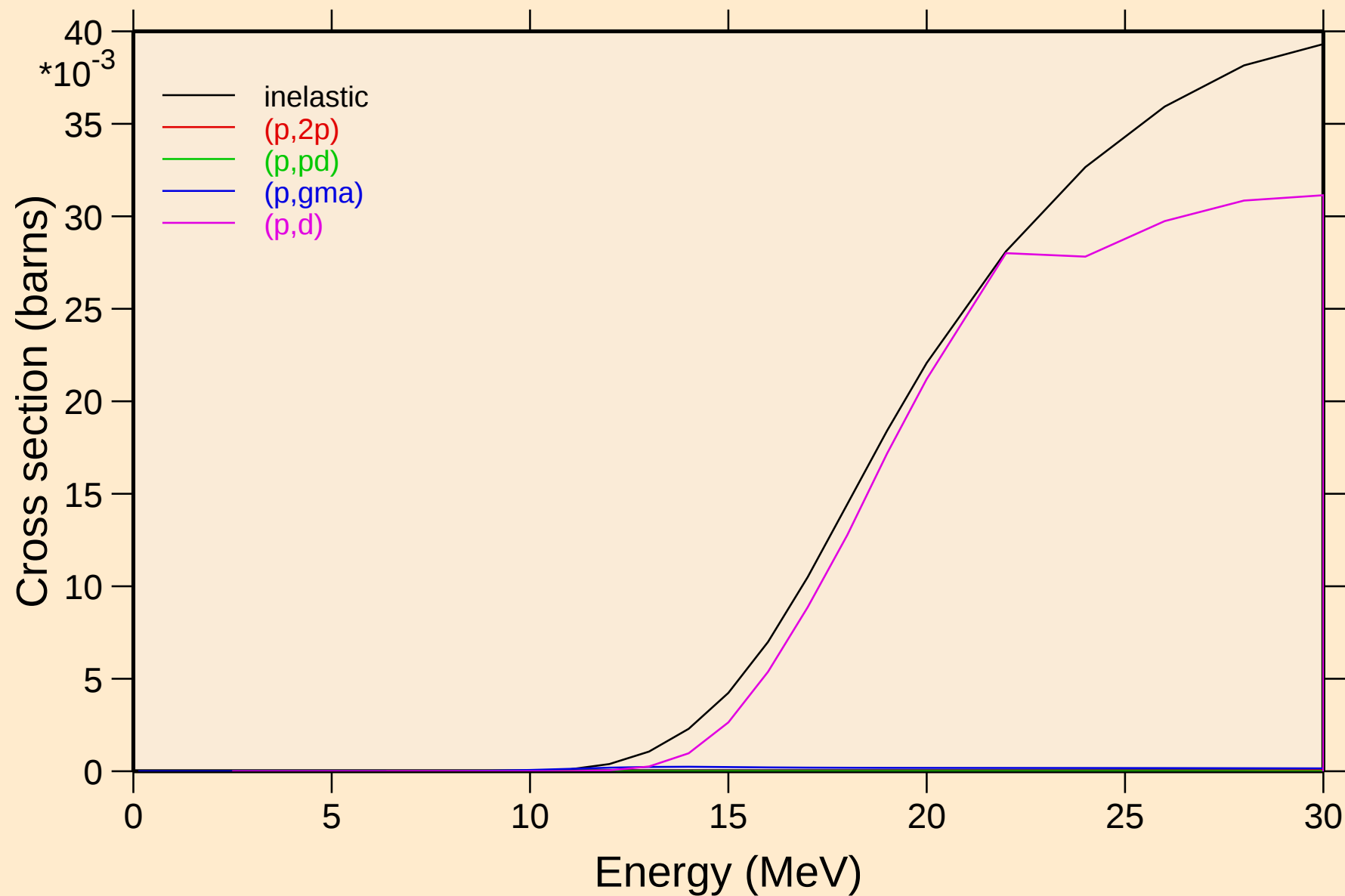
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



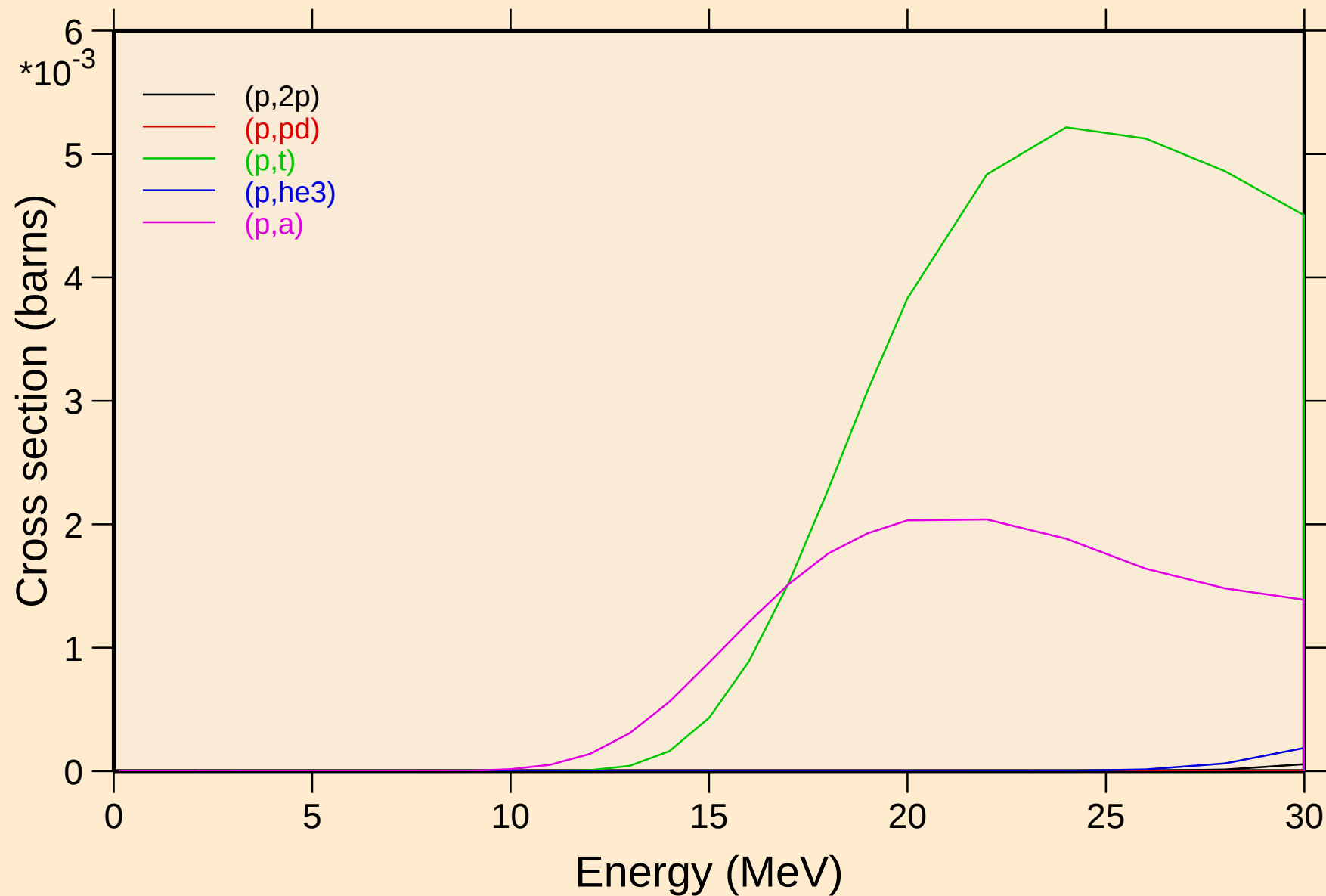
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



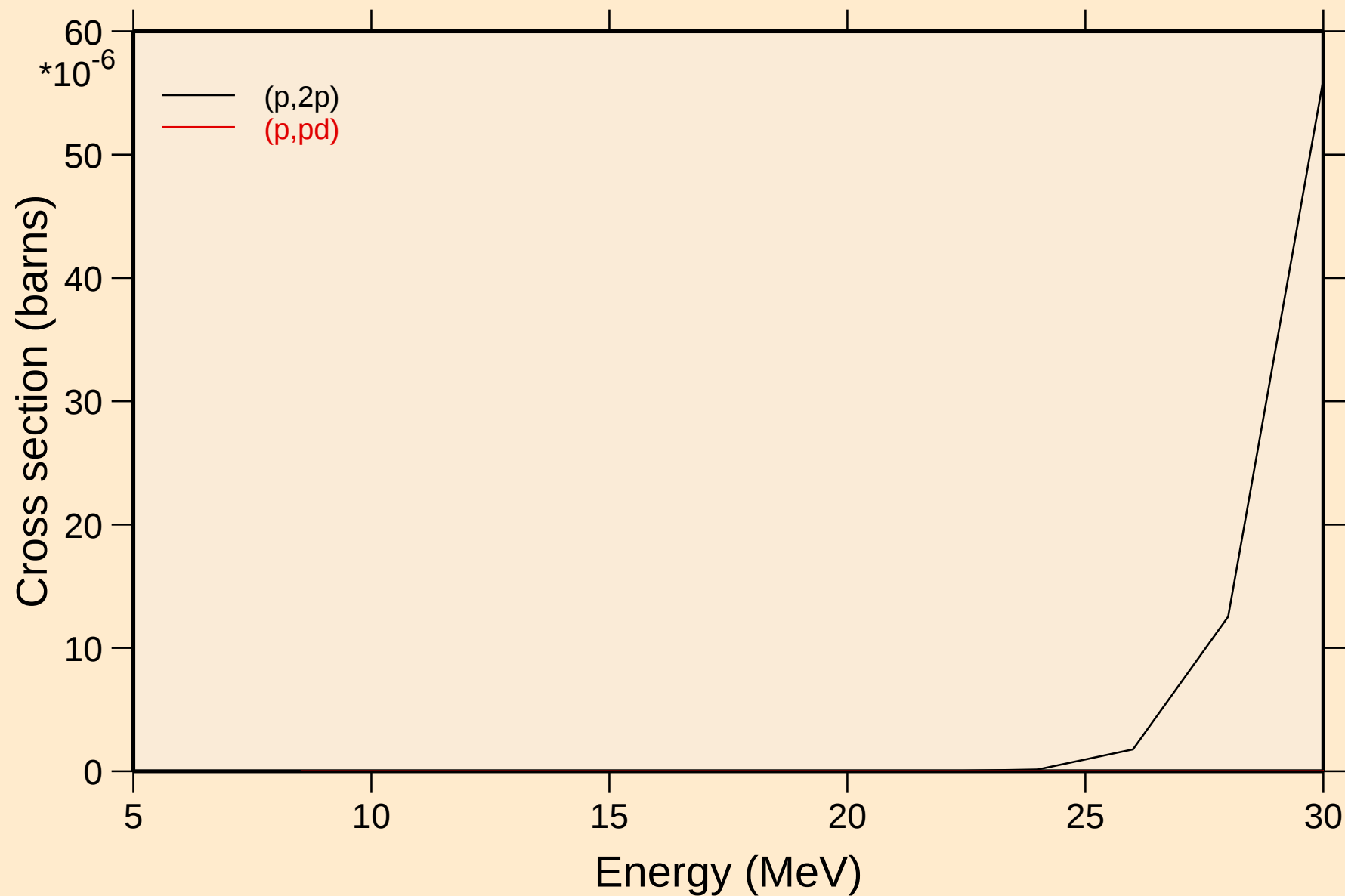
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

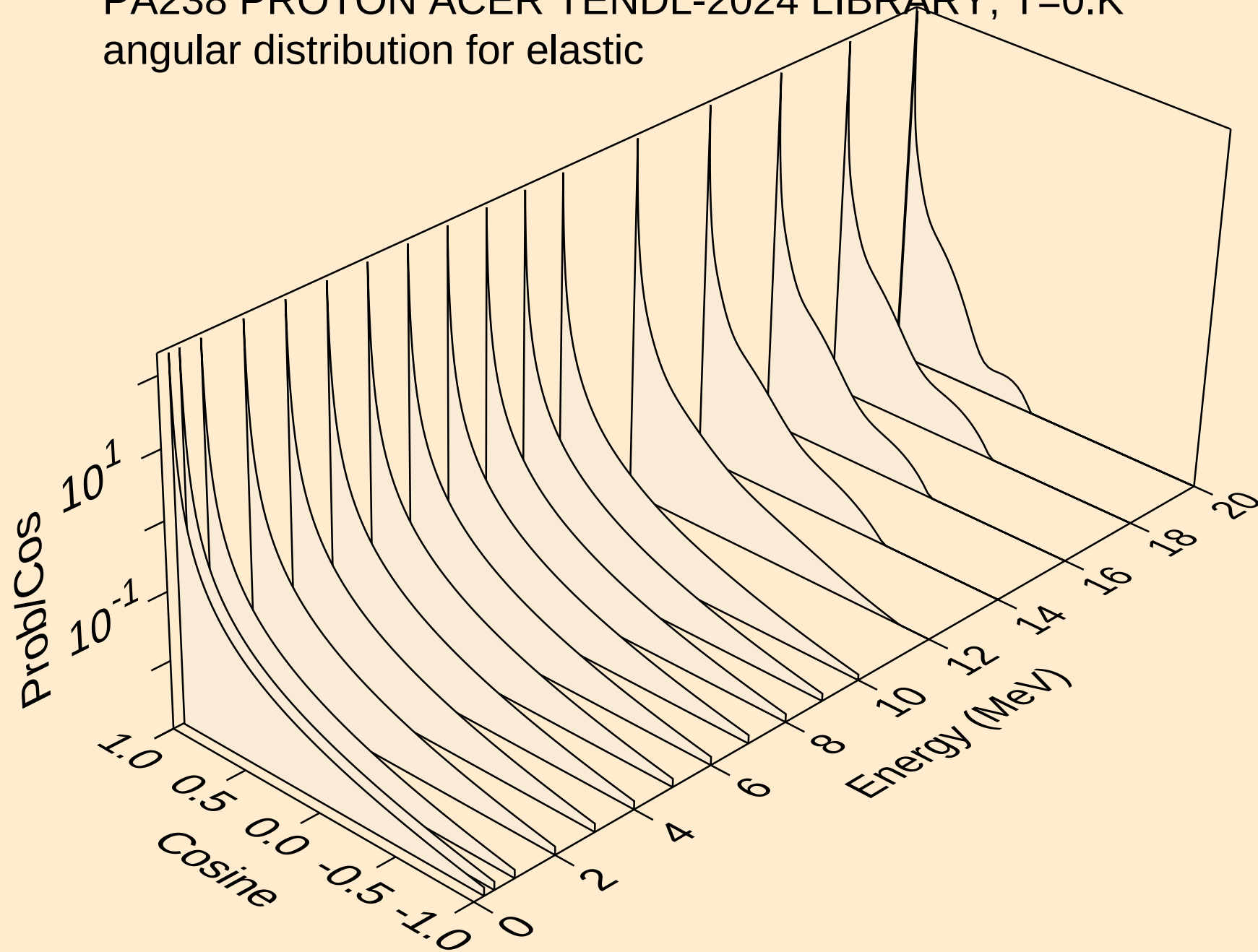


PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

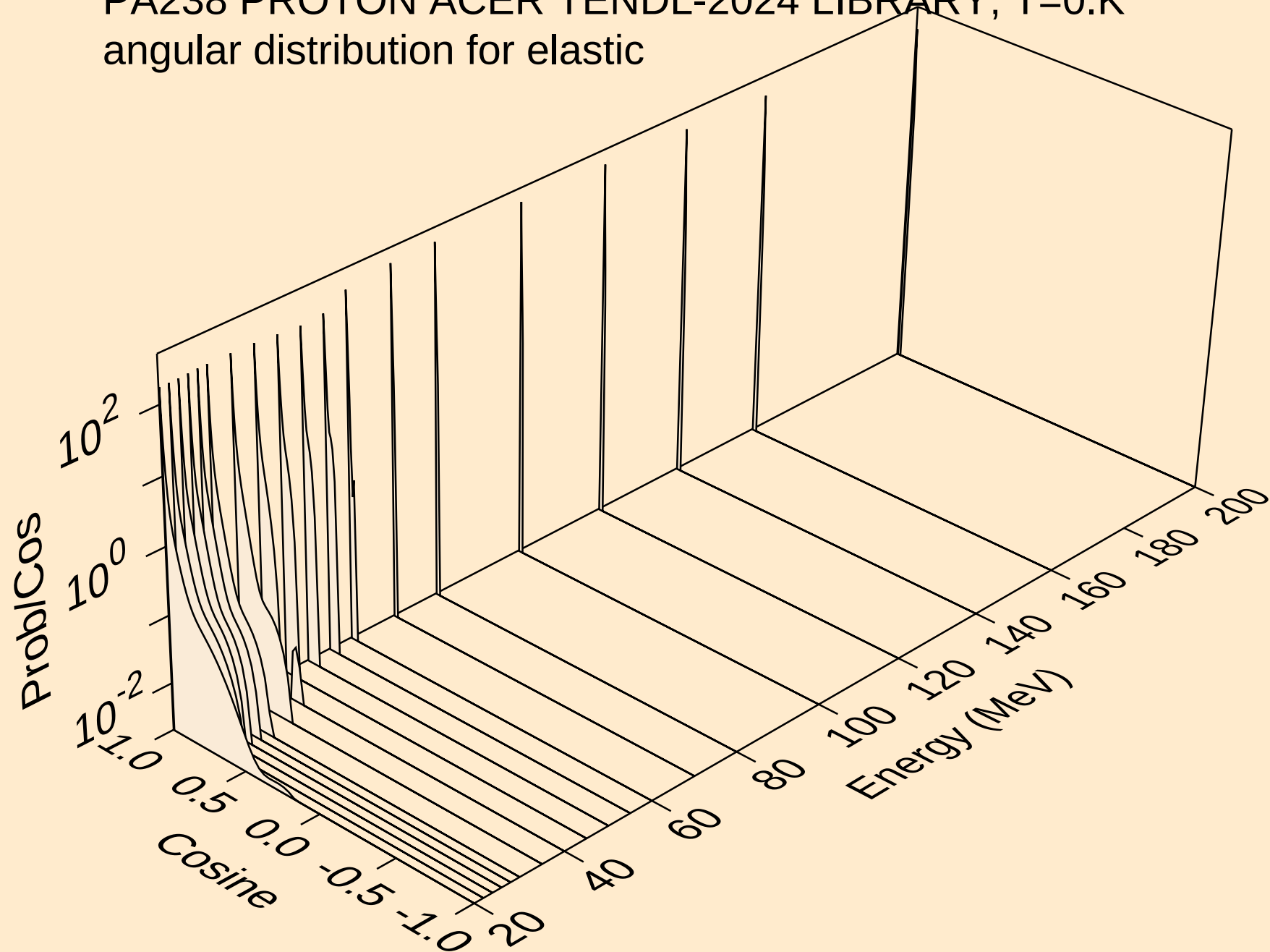
Threshold reactions



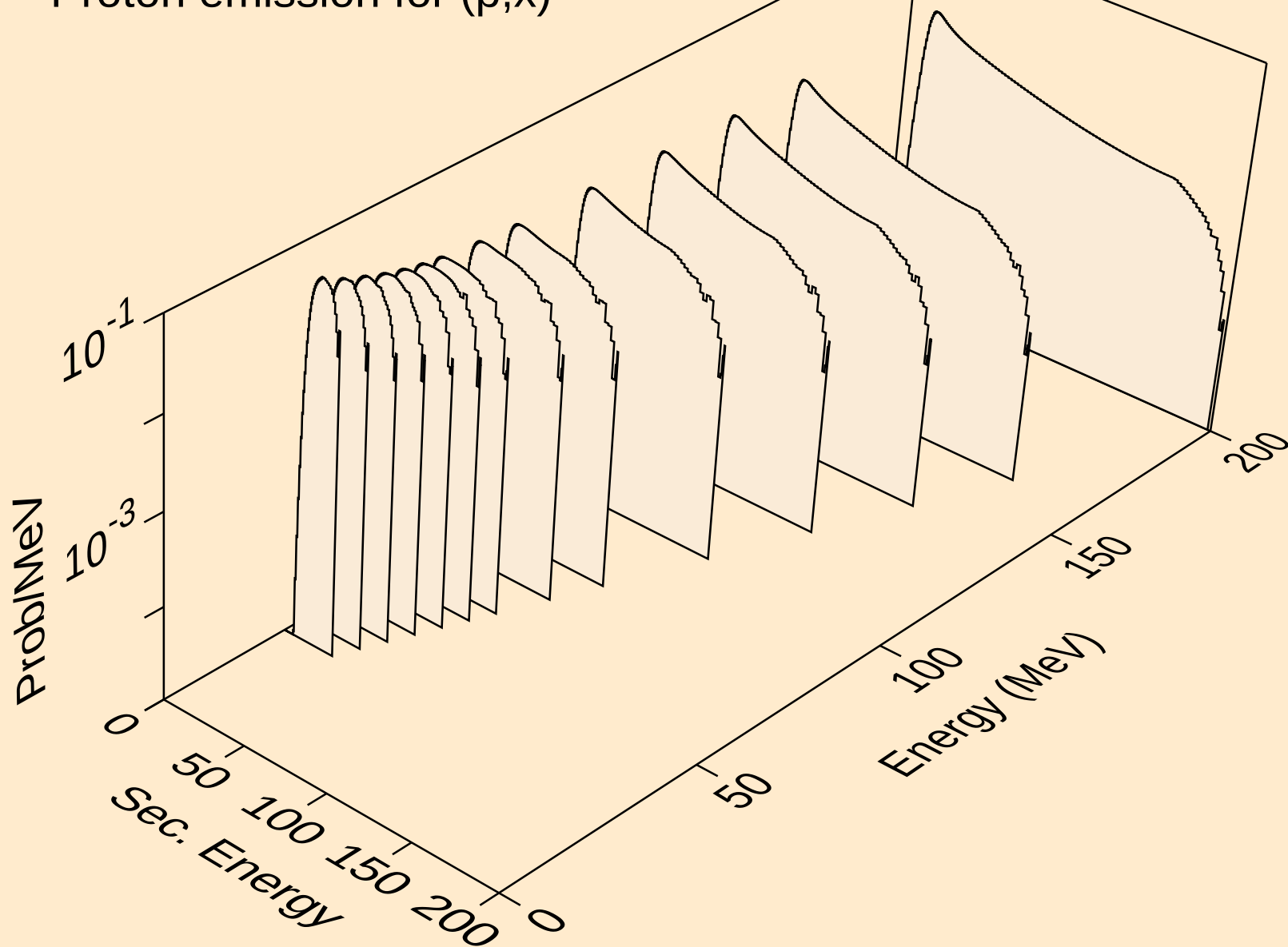
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

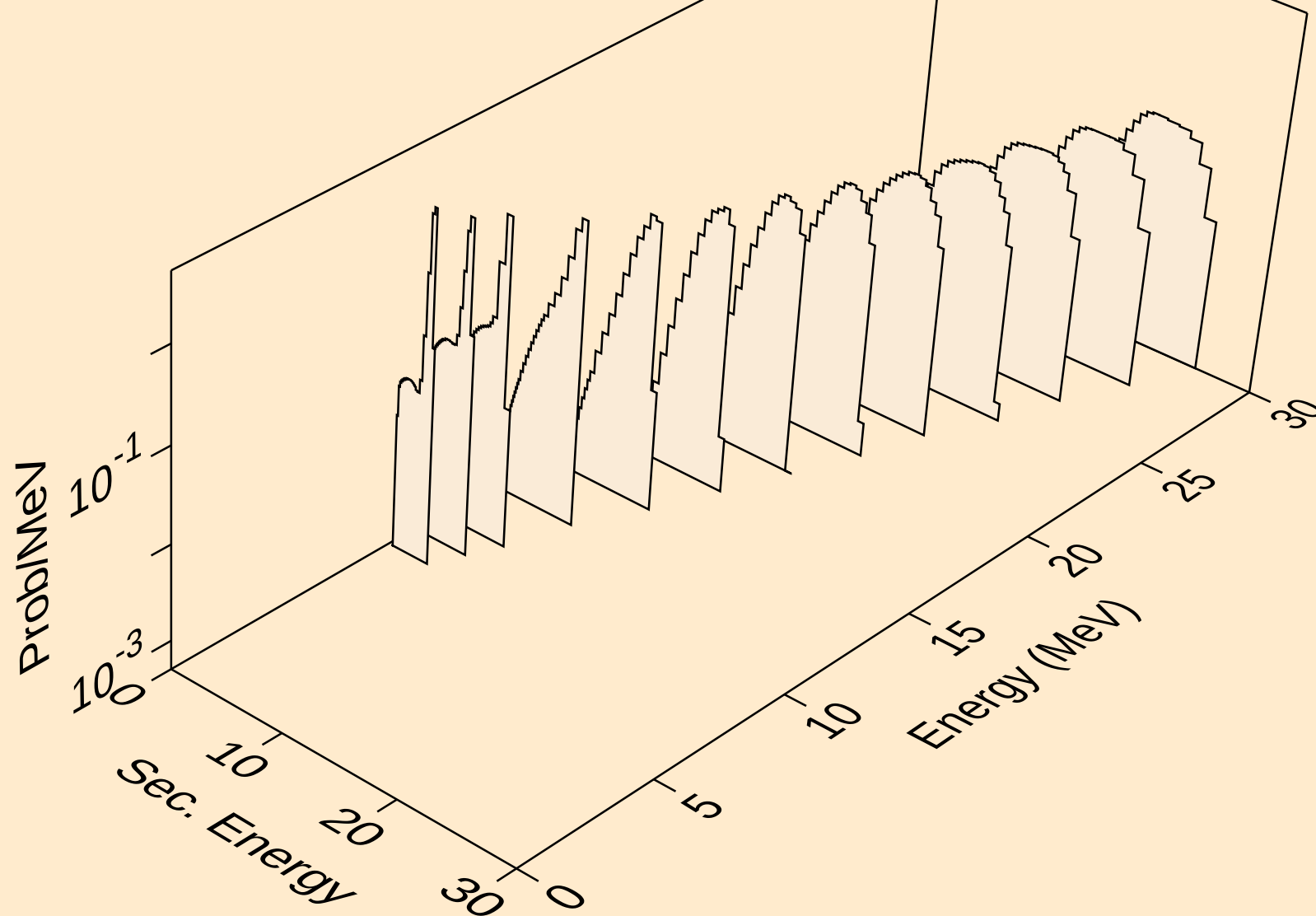


PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,x)

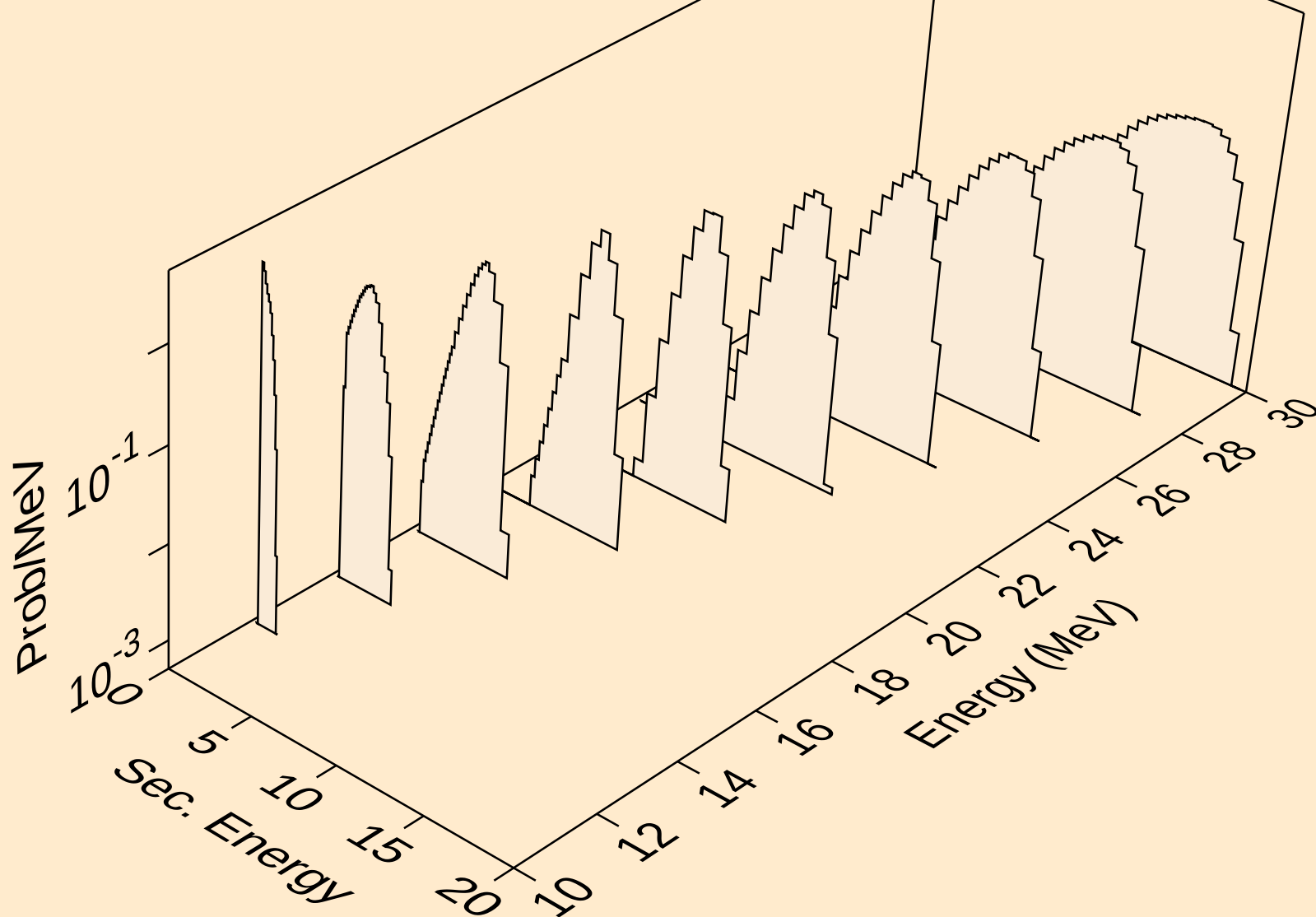


PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

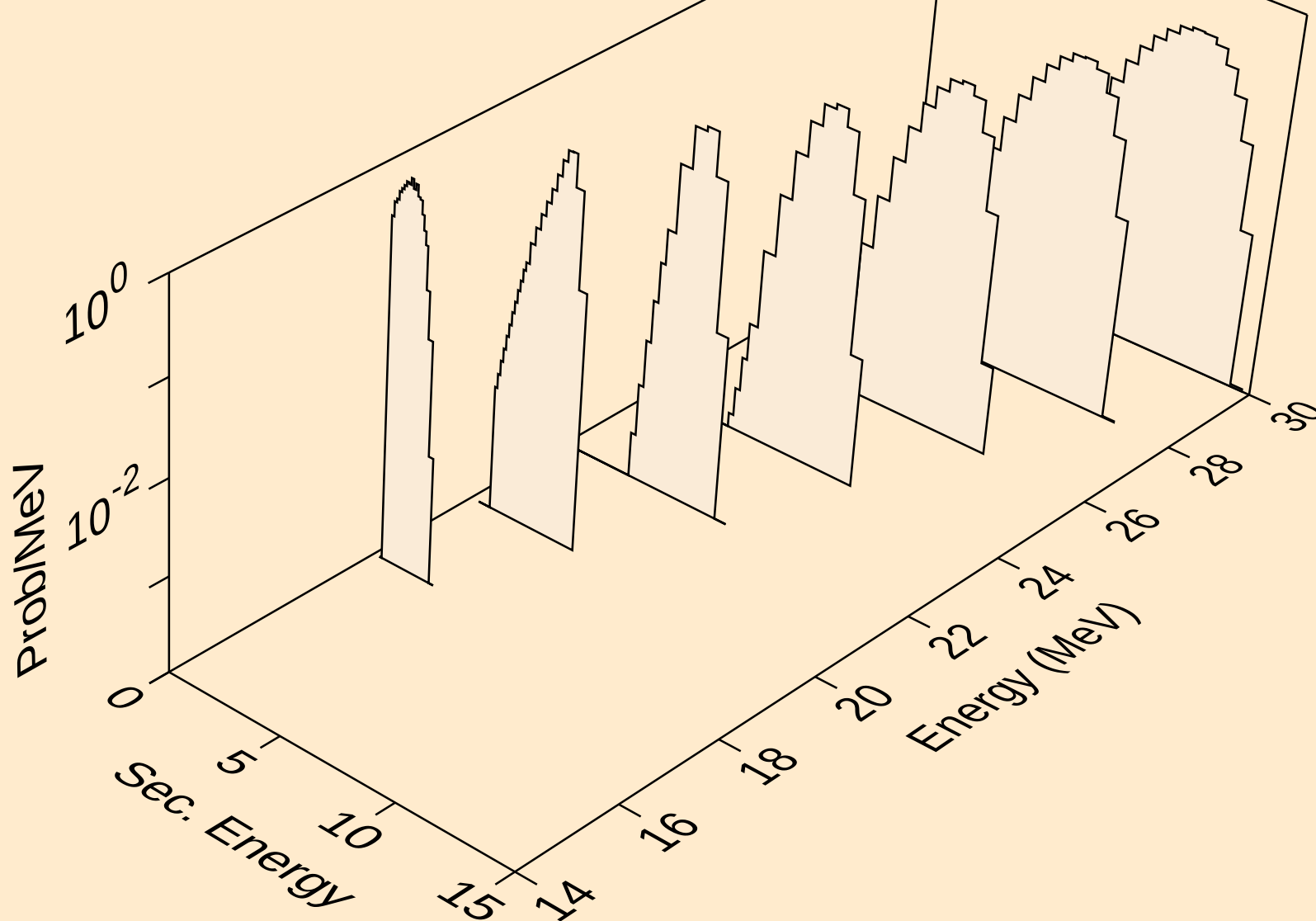
Proton emission for (p,n*)p



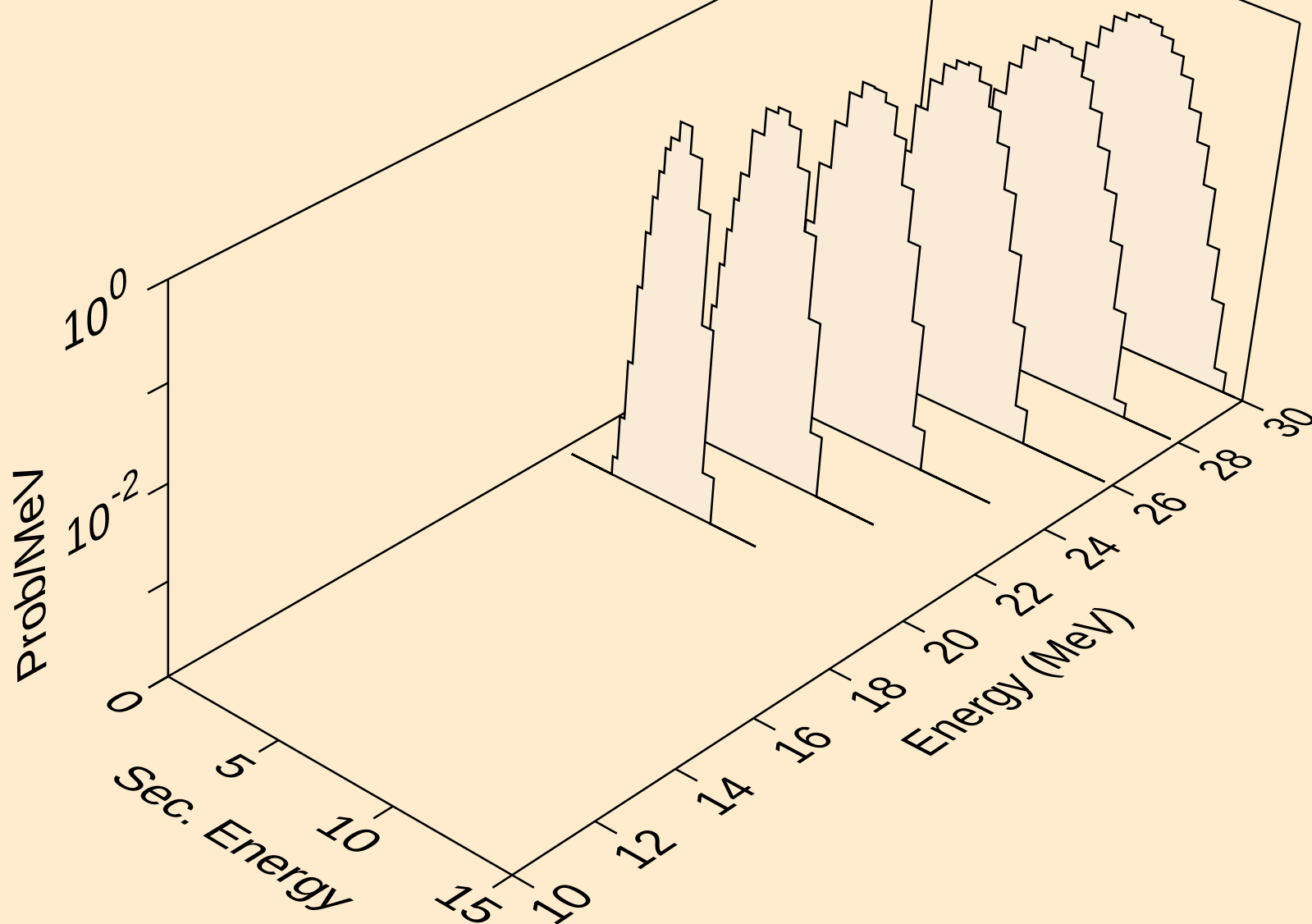
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2np)



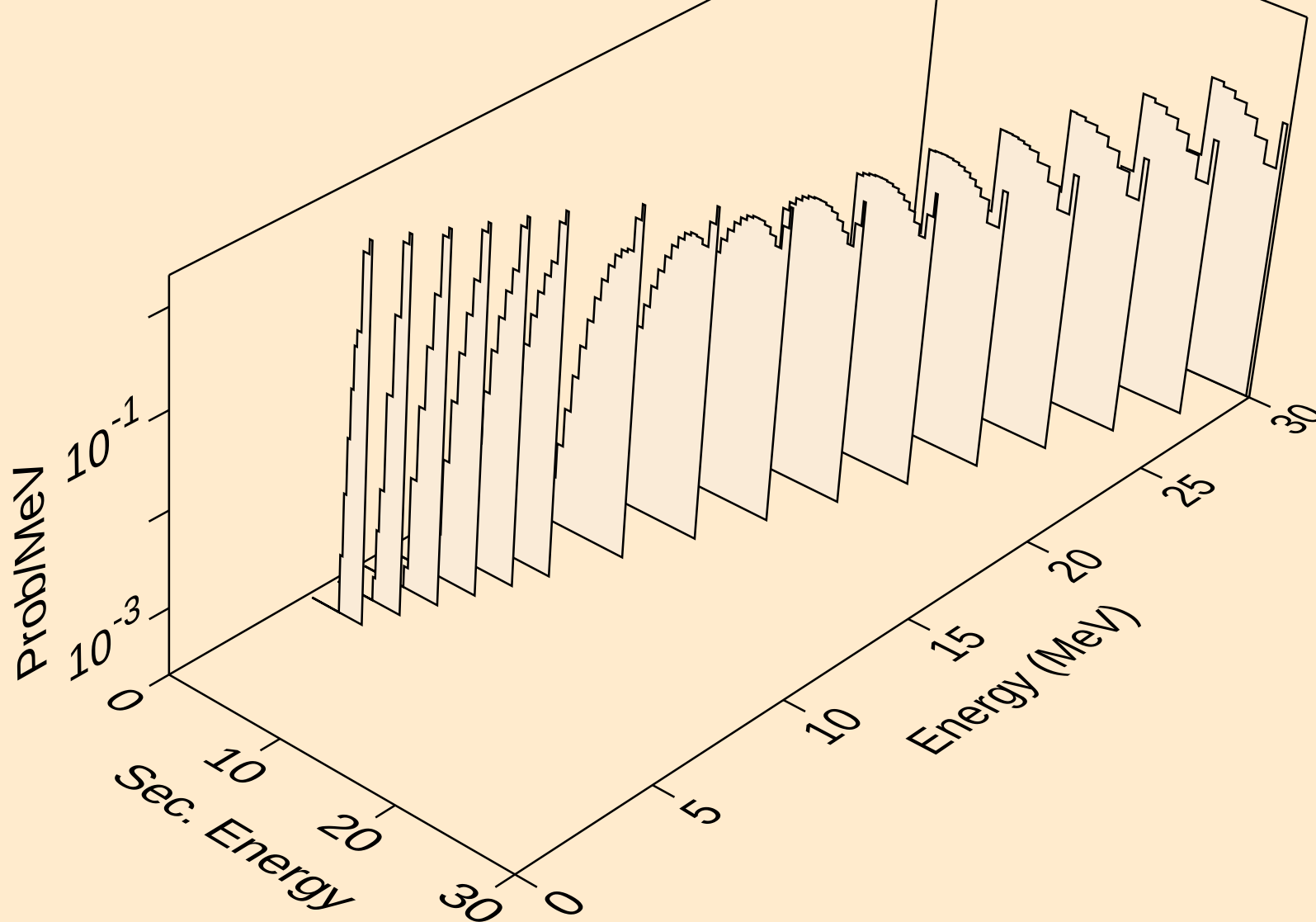
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,3np)



PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,n2p)

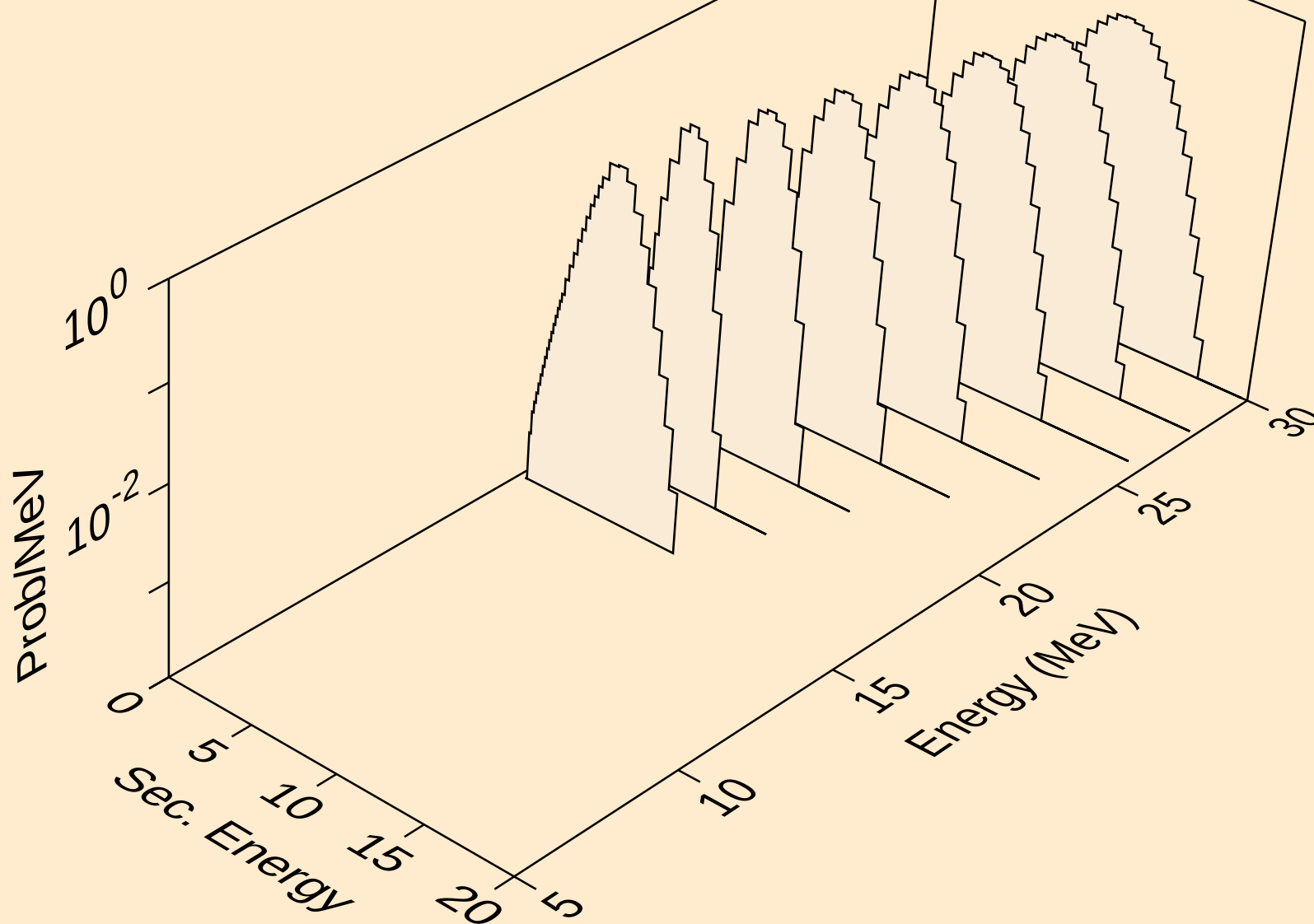


PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for inelastic



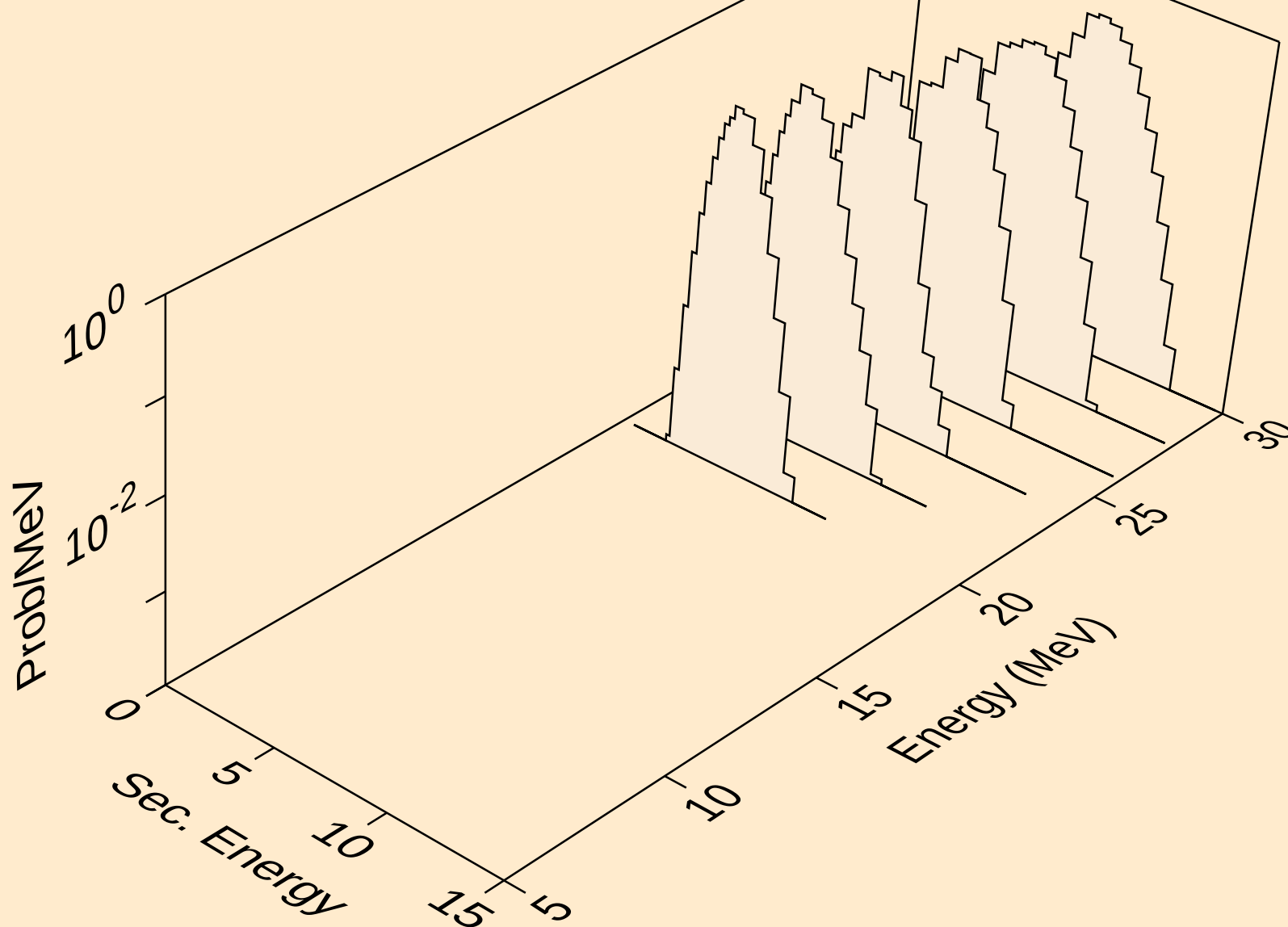
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,2p)

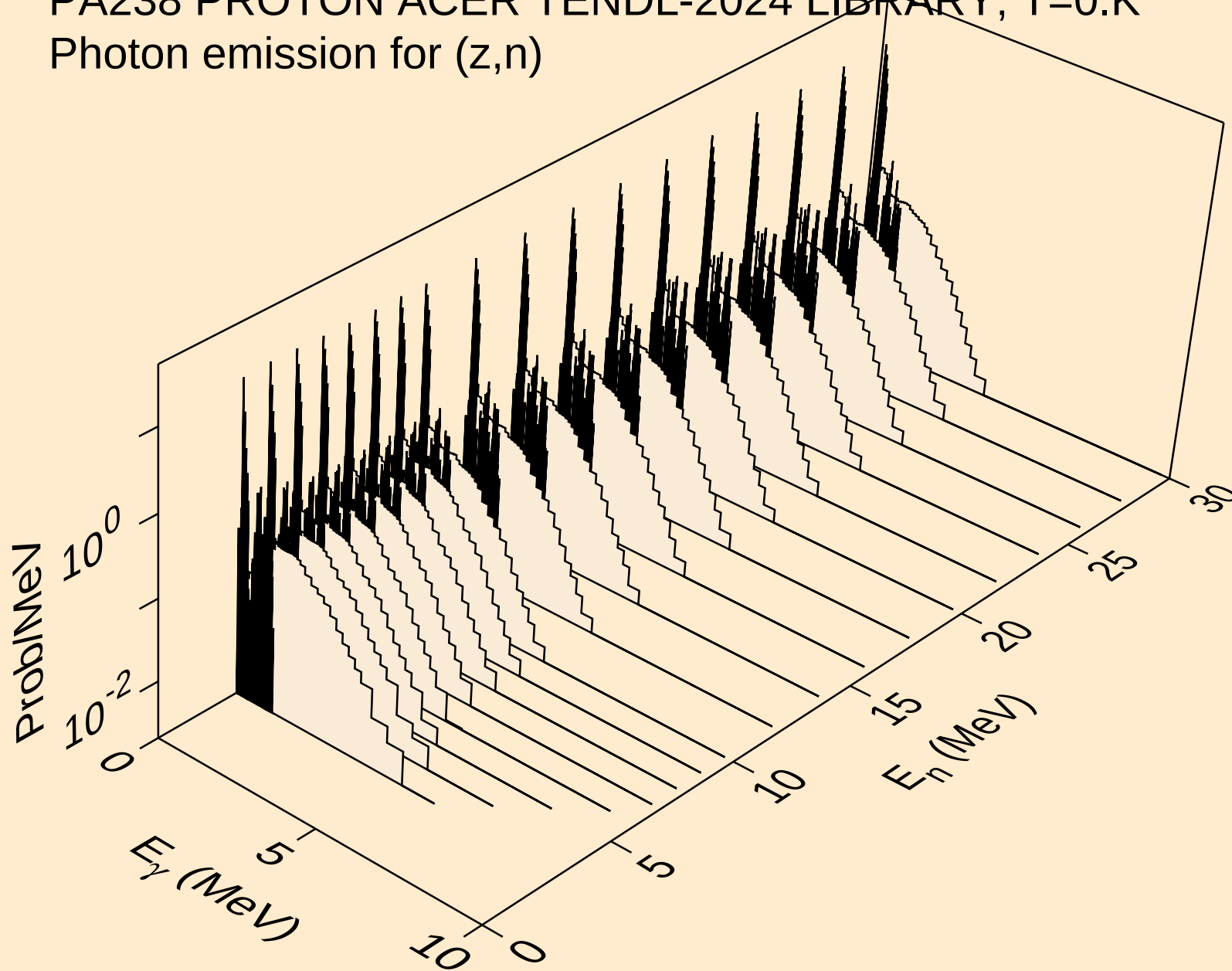


PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,pd)

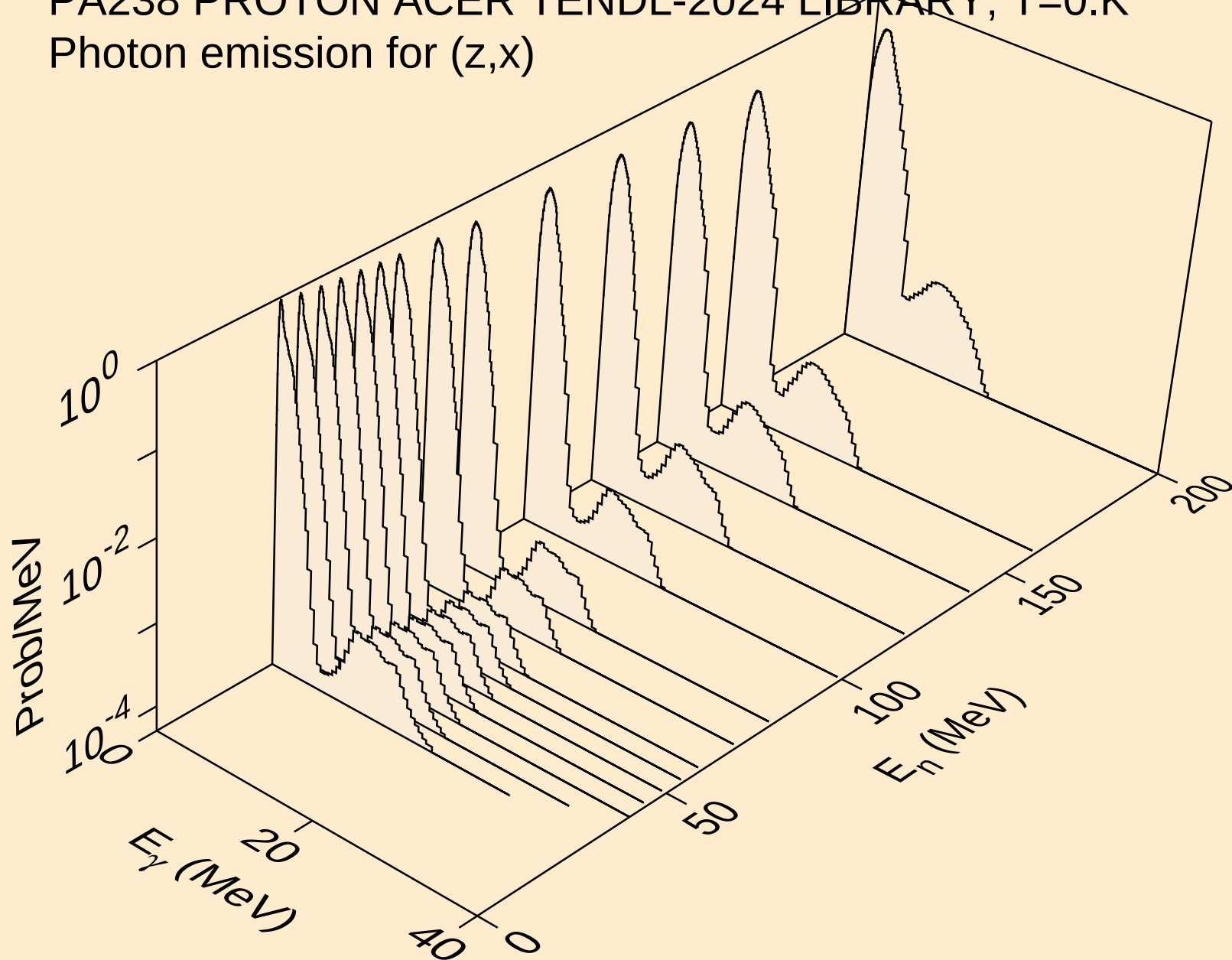


PA238 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (z,n)

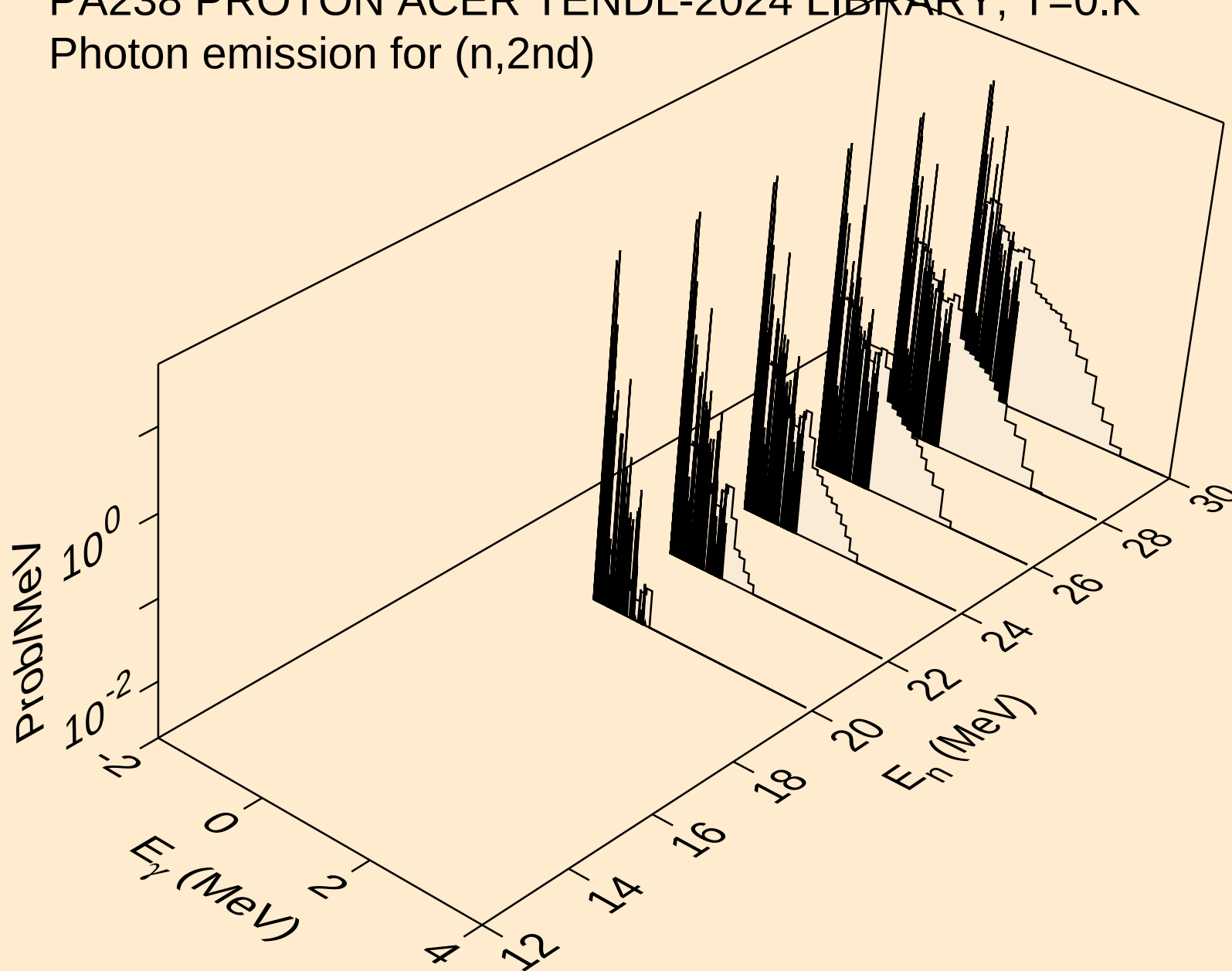


PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

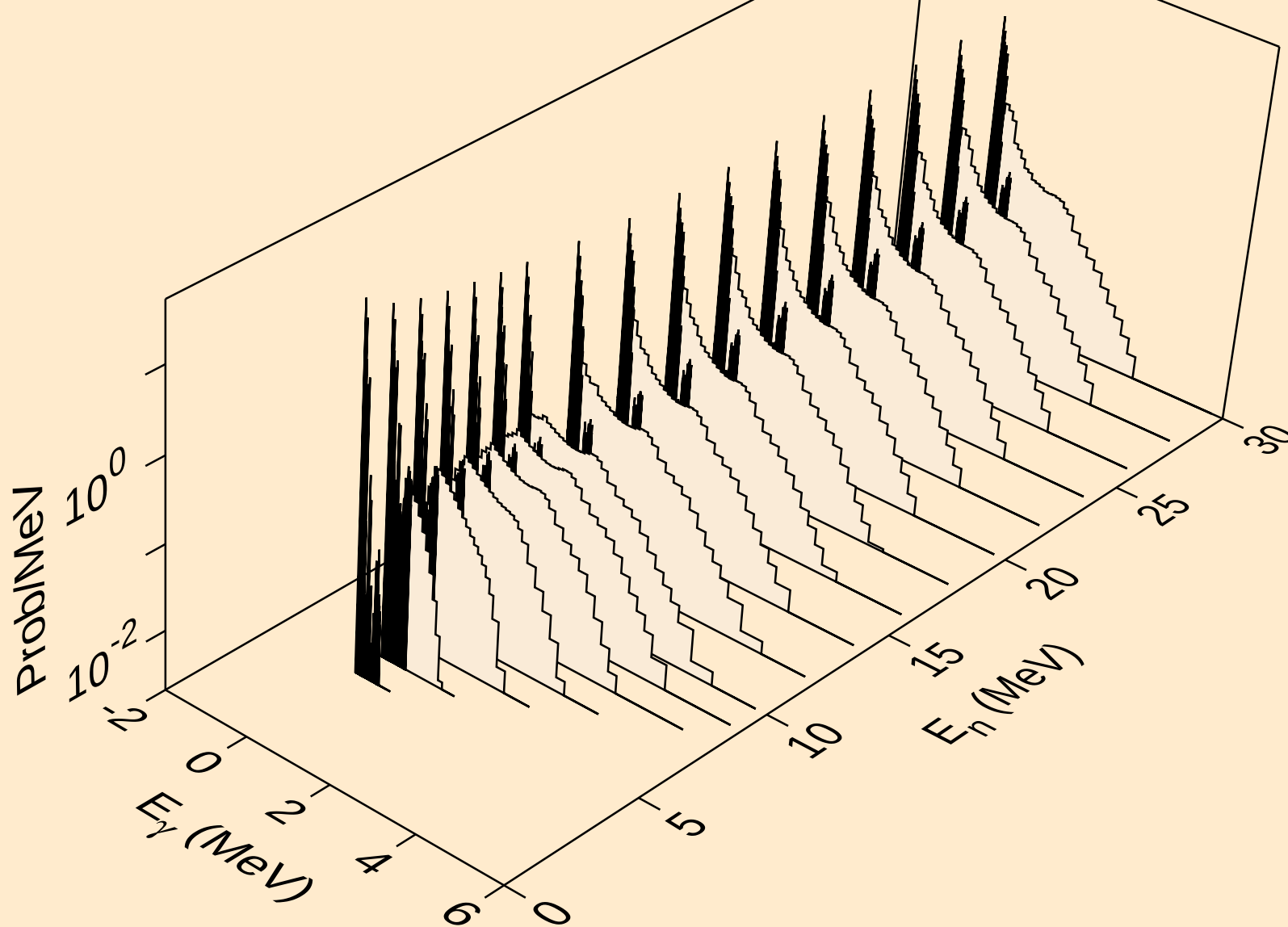
Photon emission for (z,x)



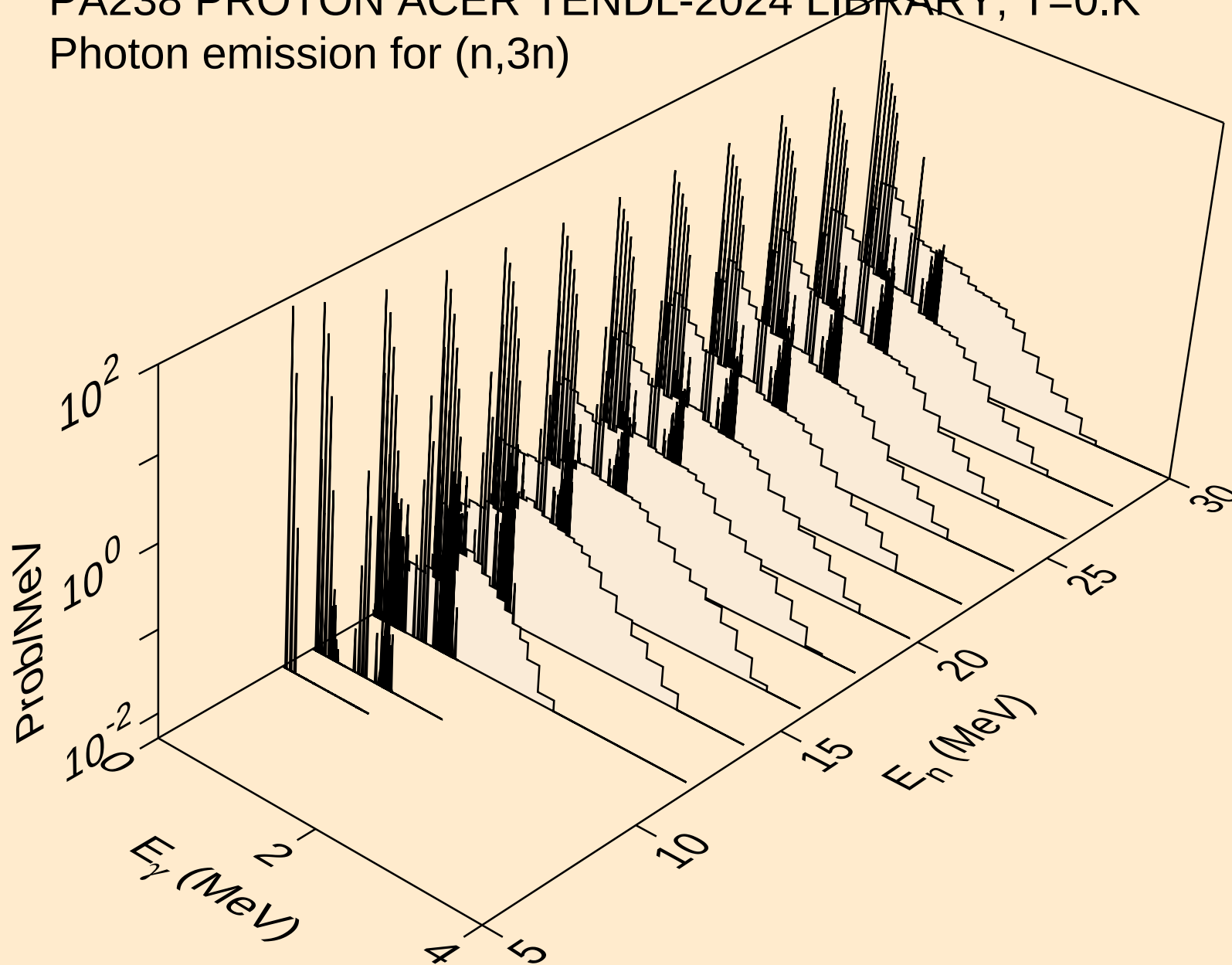
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)

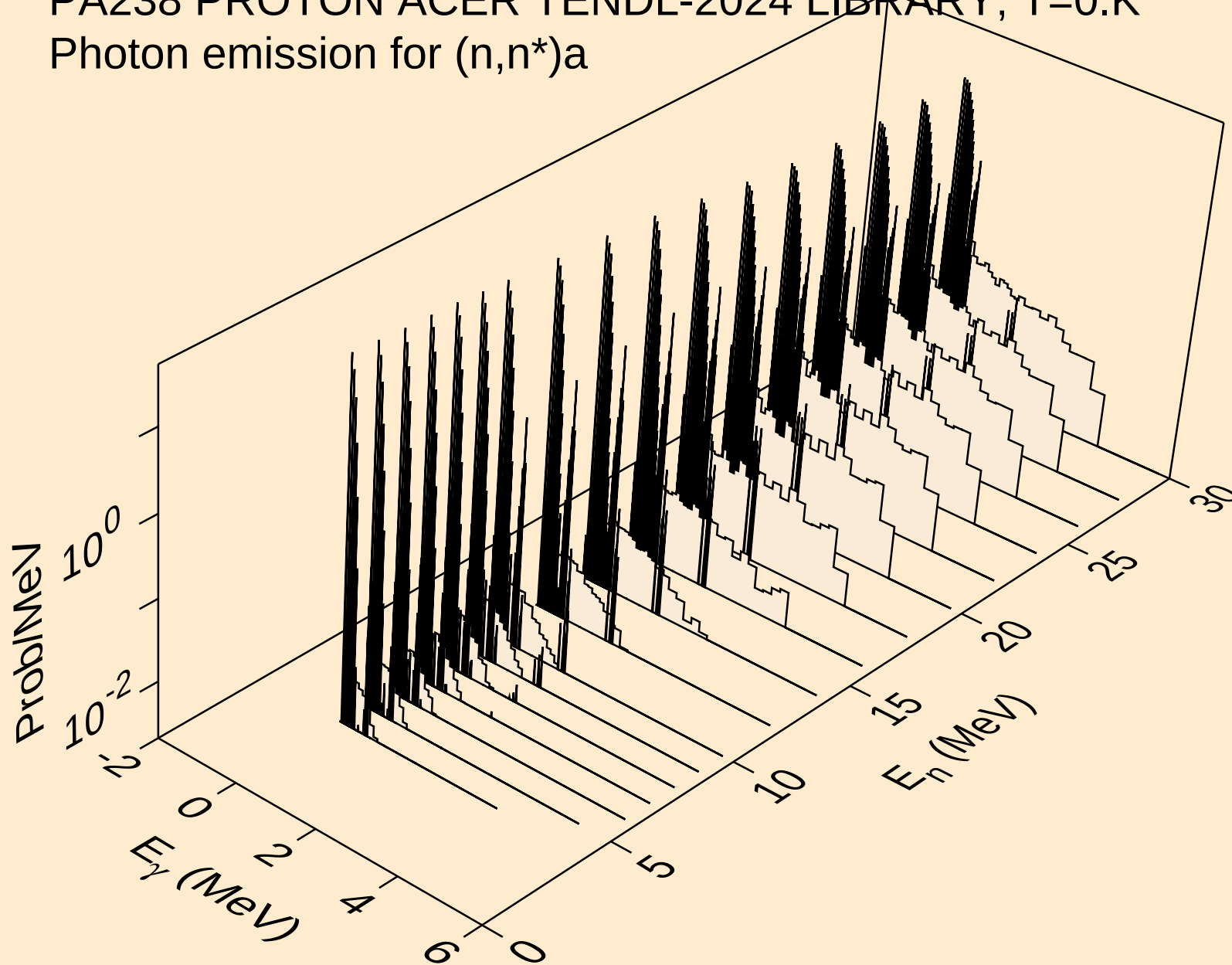


PA238 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,3n)



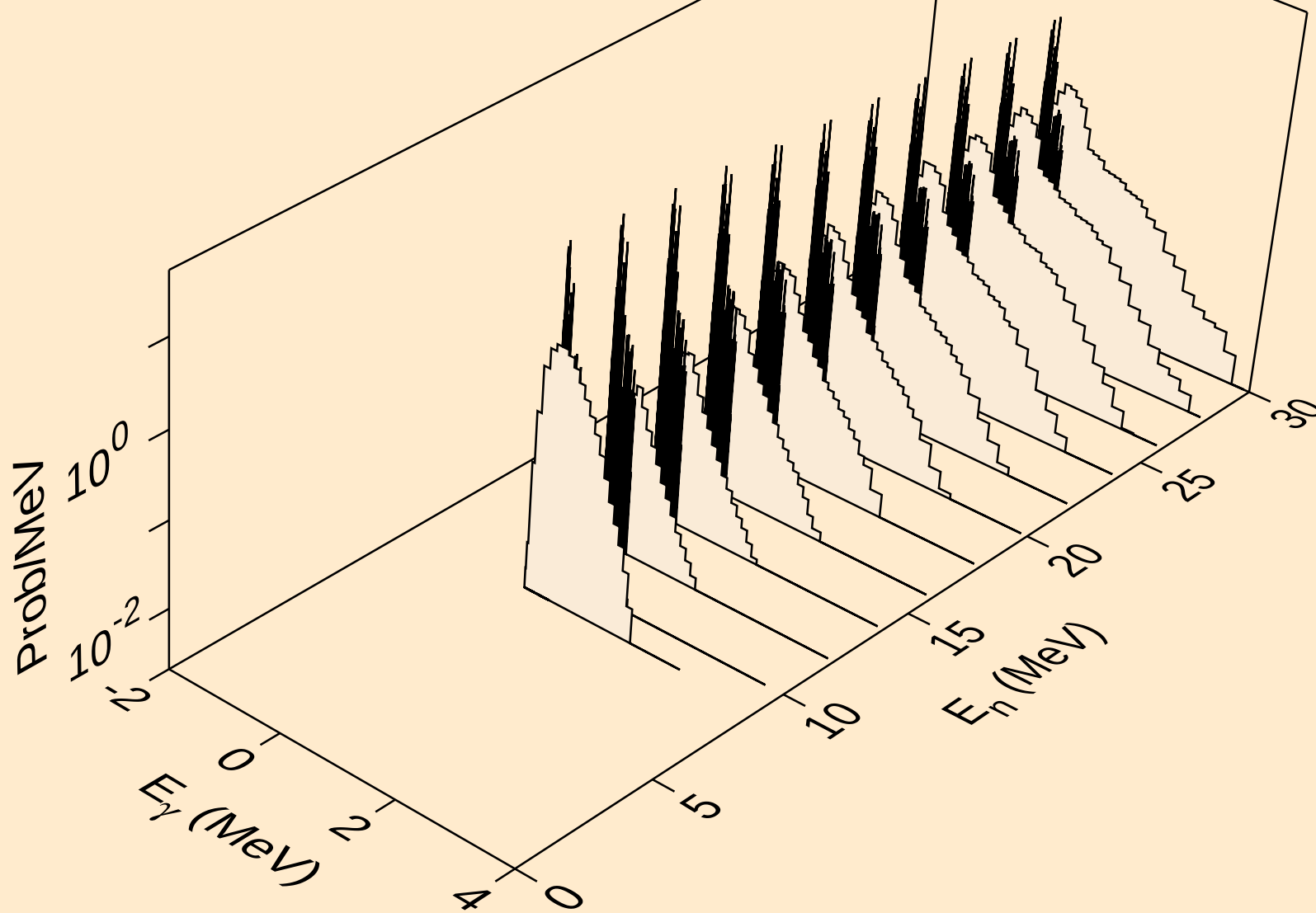
PA238 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$

Photon emission for $(n,n^*)a$



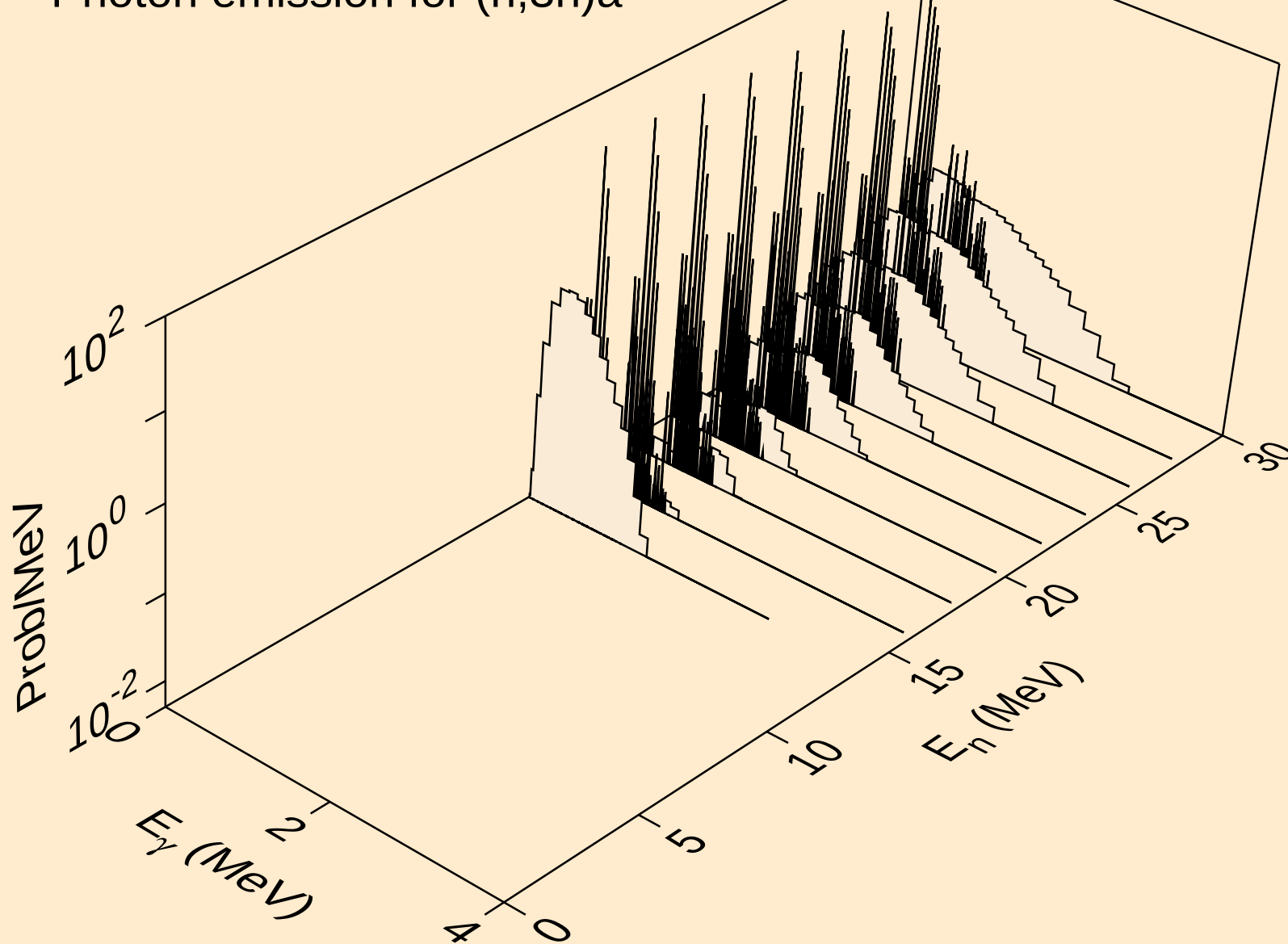
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



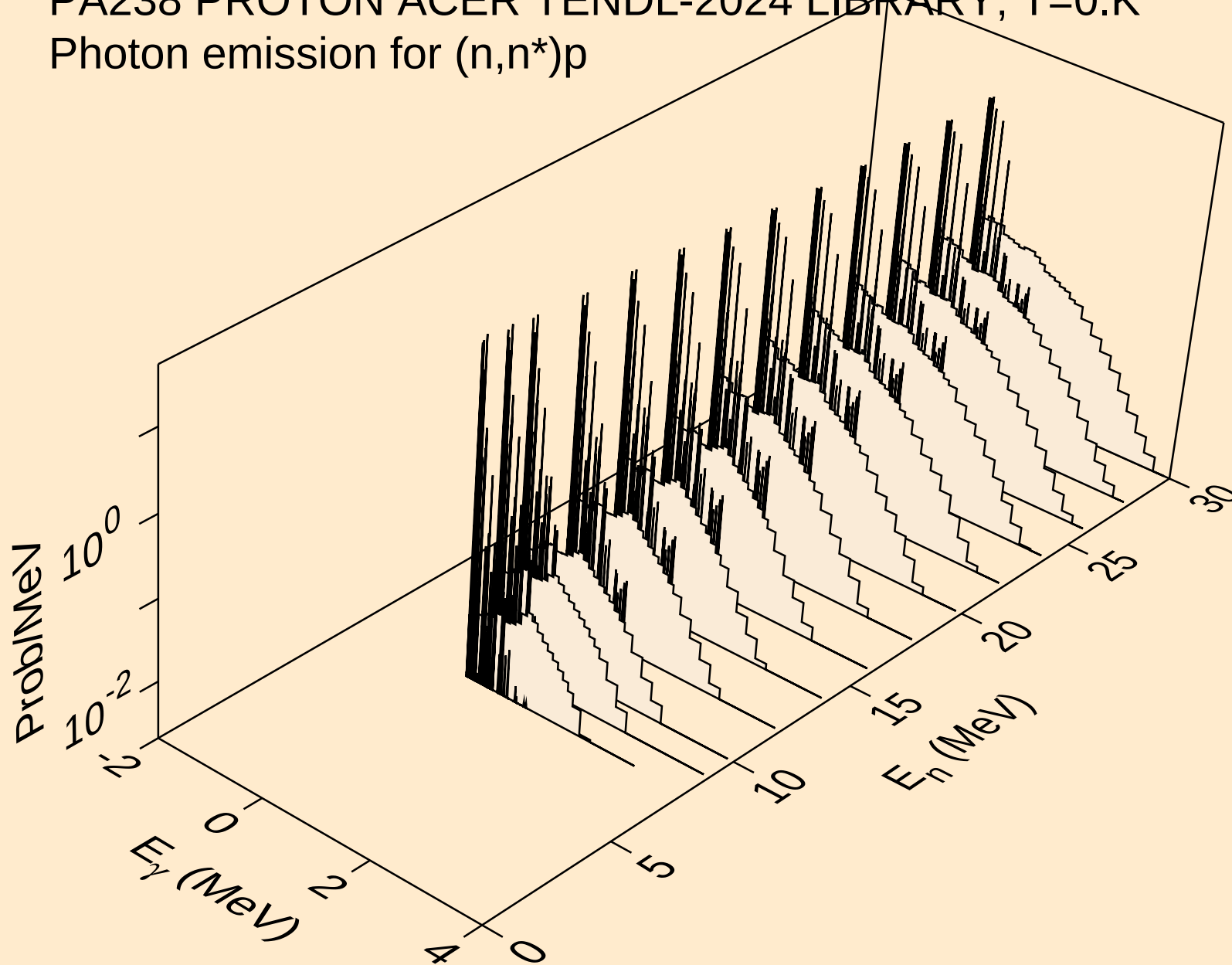
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n) α



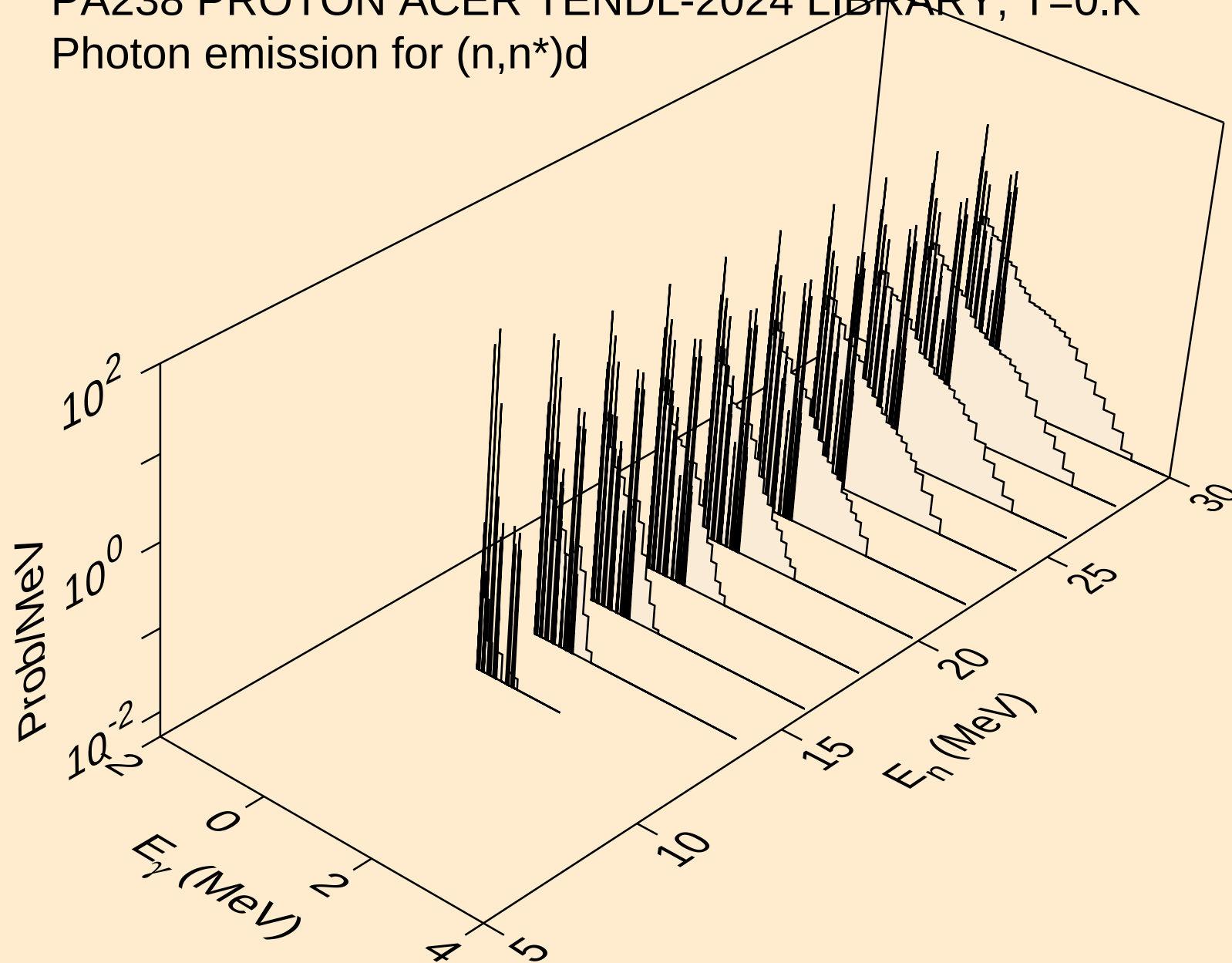
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



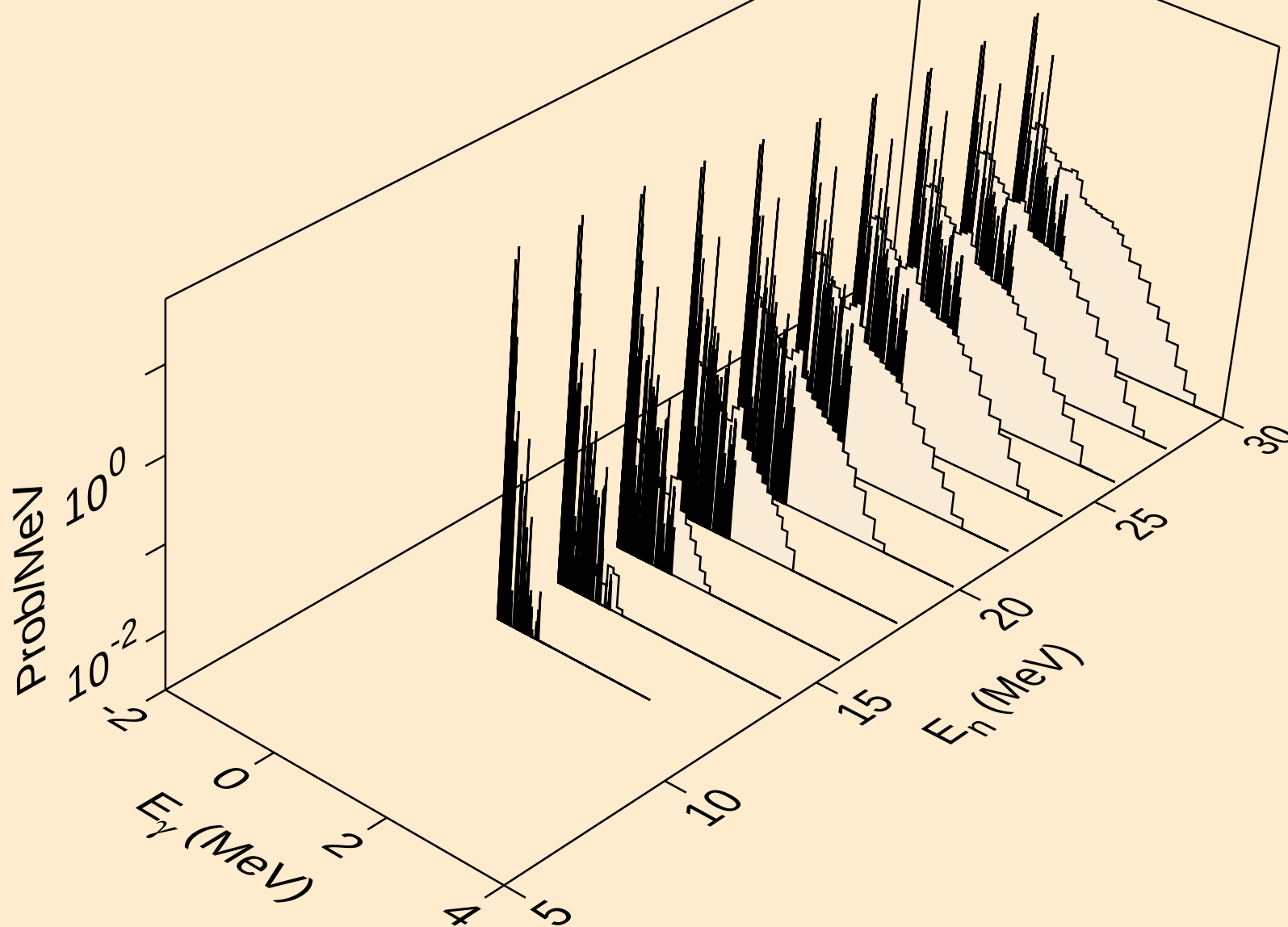
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d

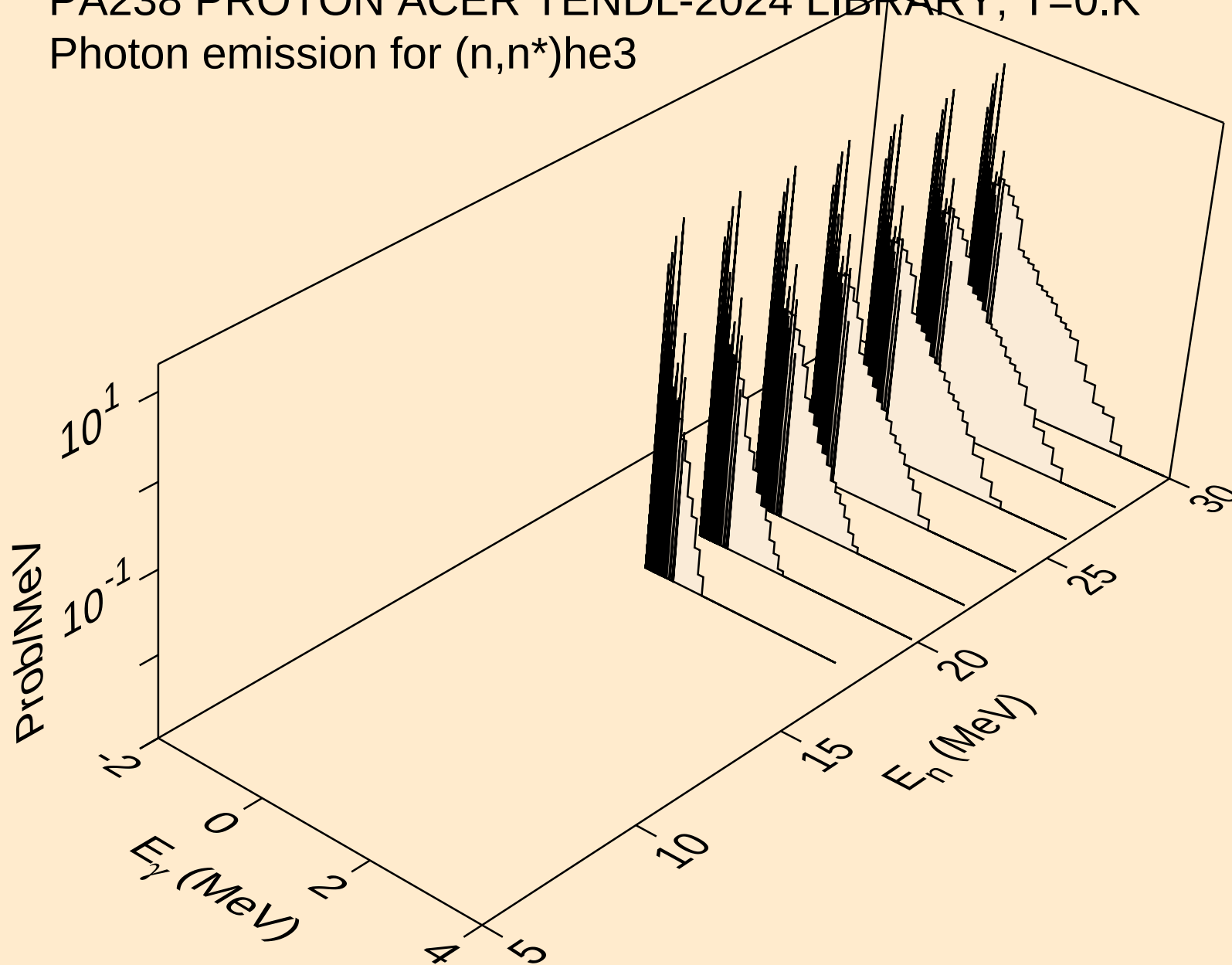


PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

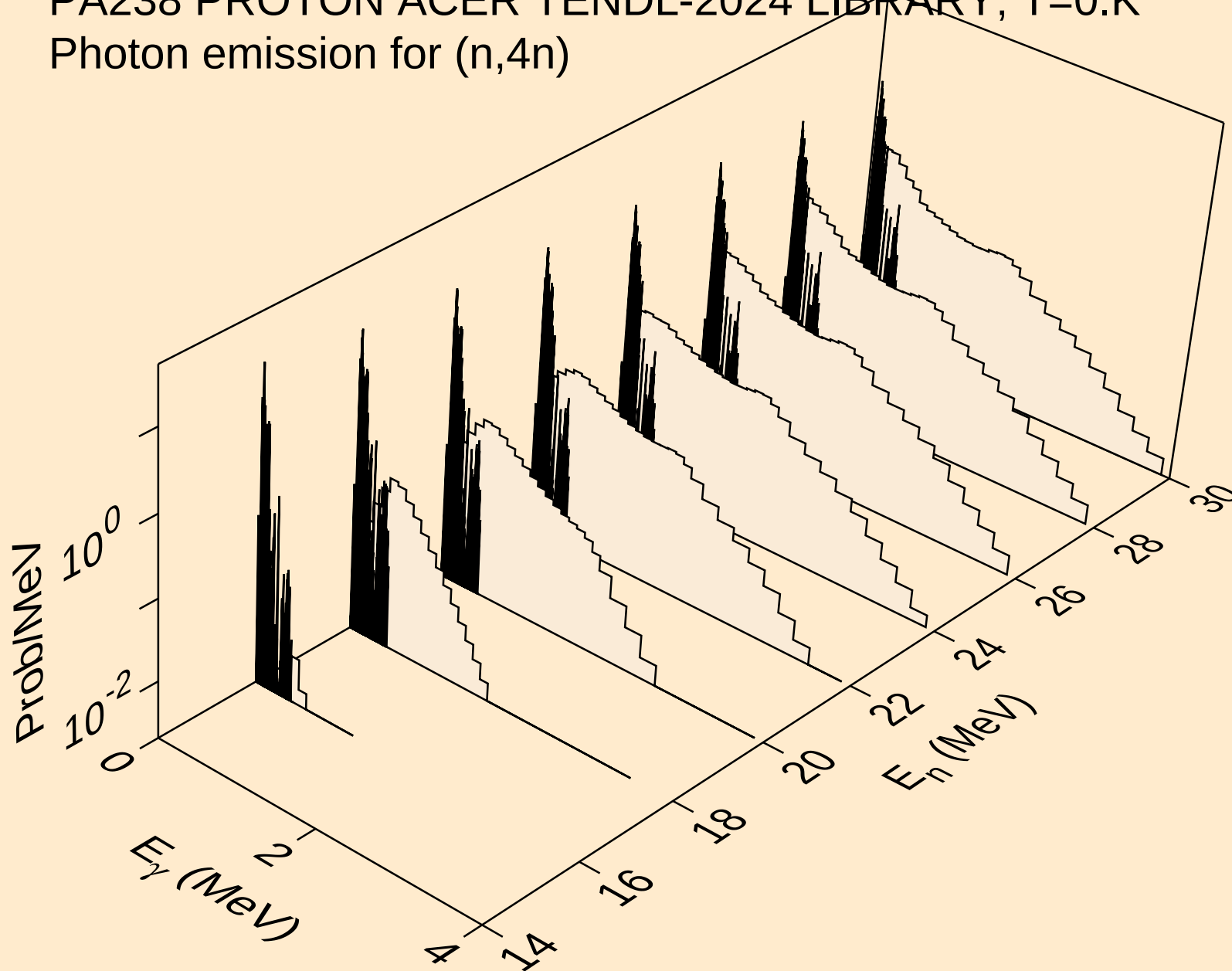
Photon emission for (n,n*)t



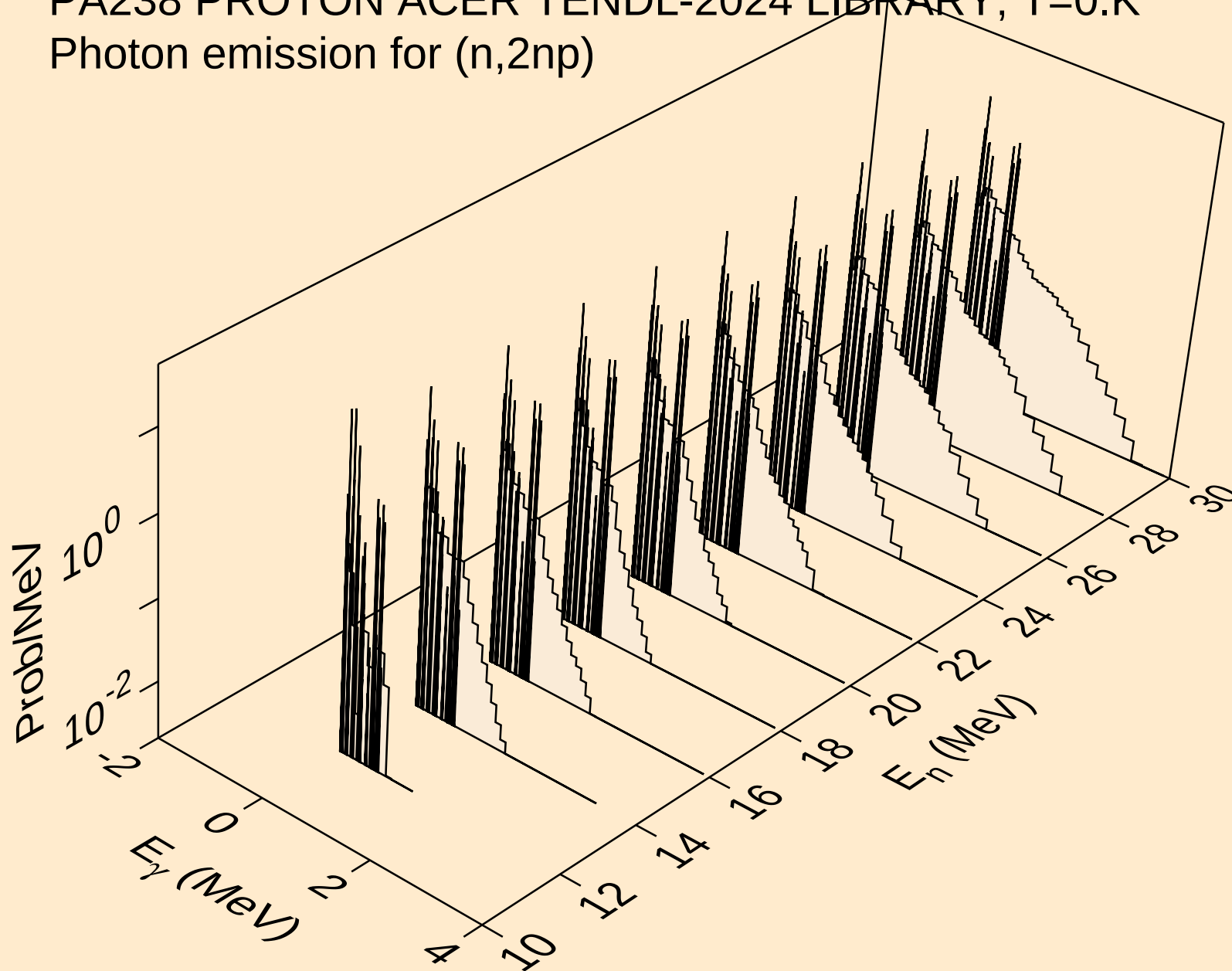
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



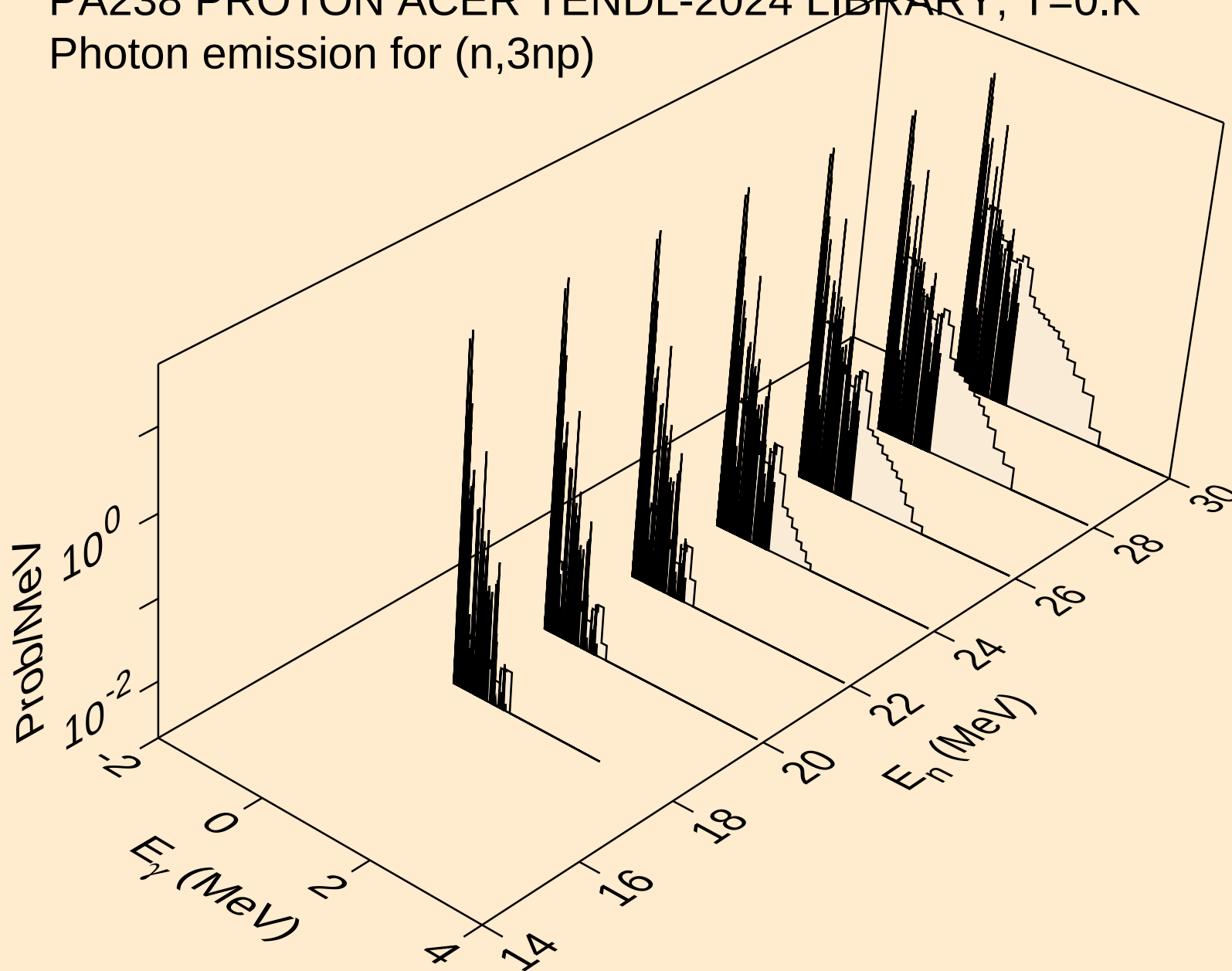
PA238 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,4n)



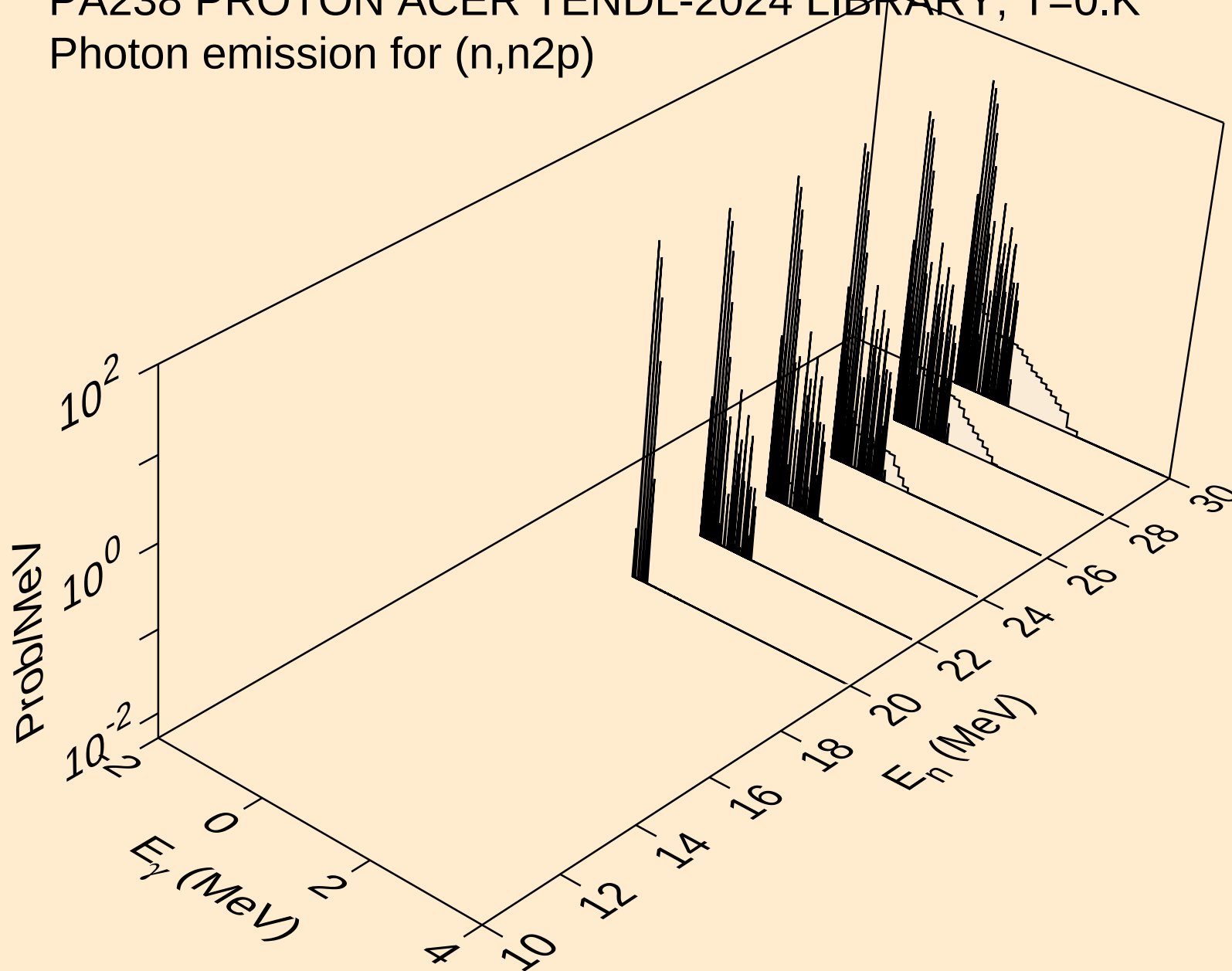
PA238 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2np)



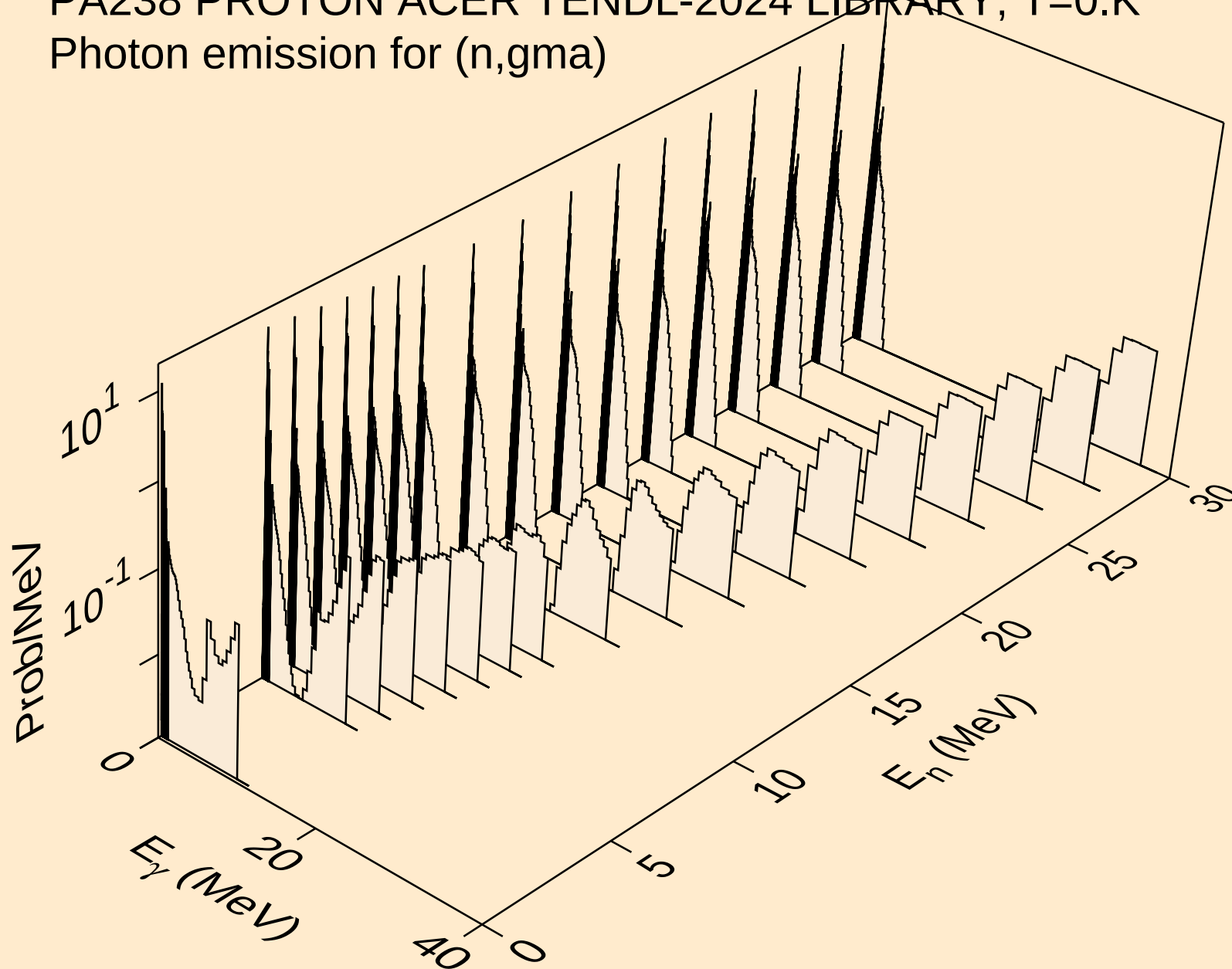
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



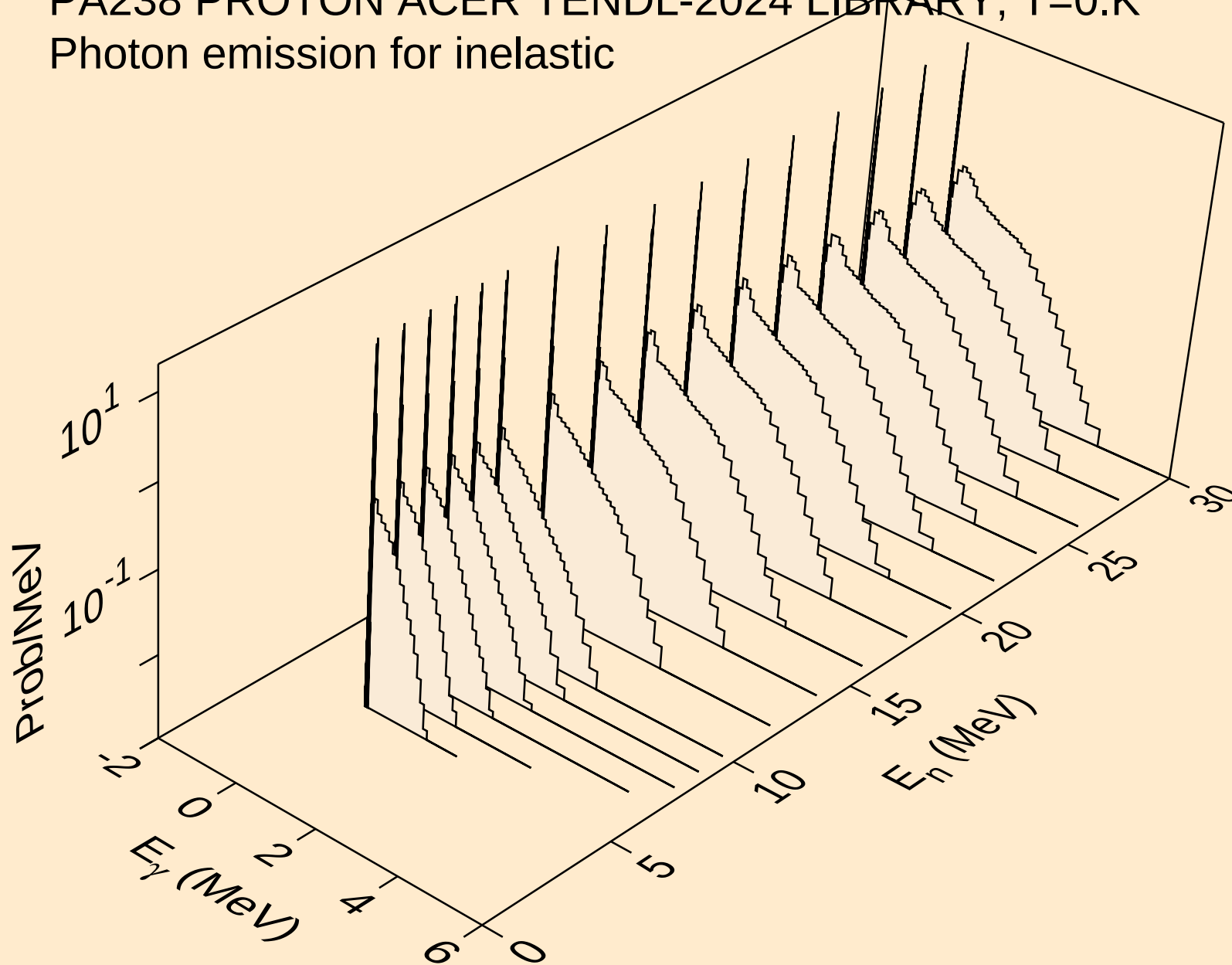
PA238 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,n2p)



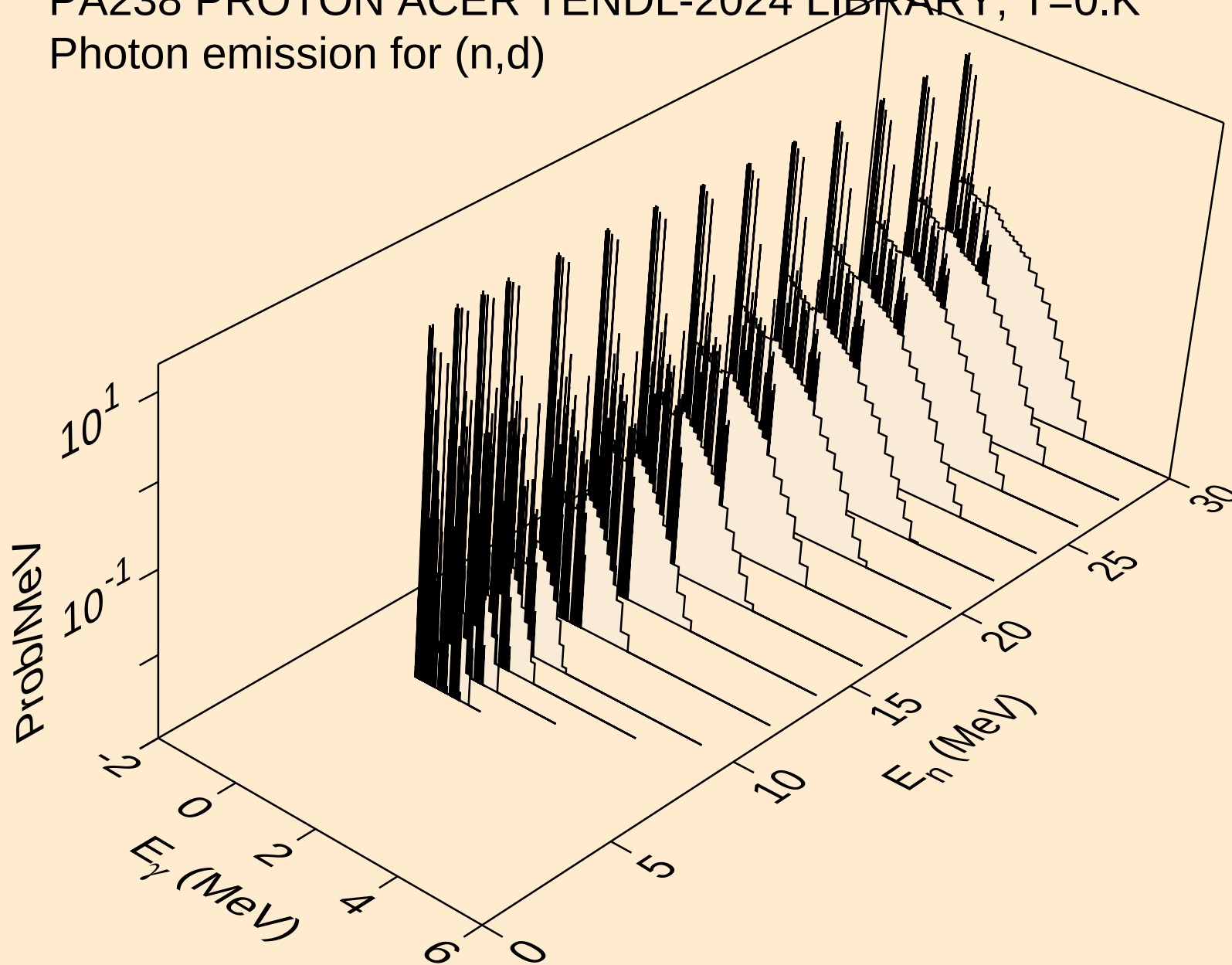
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic

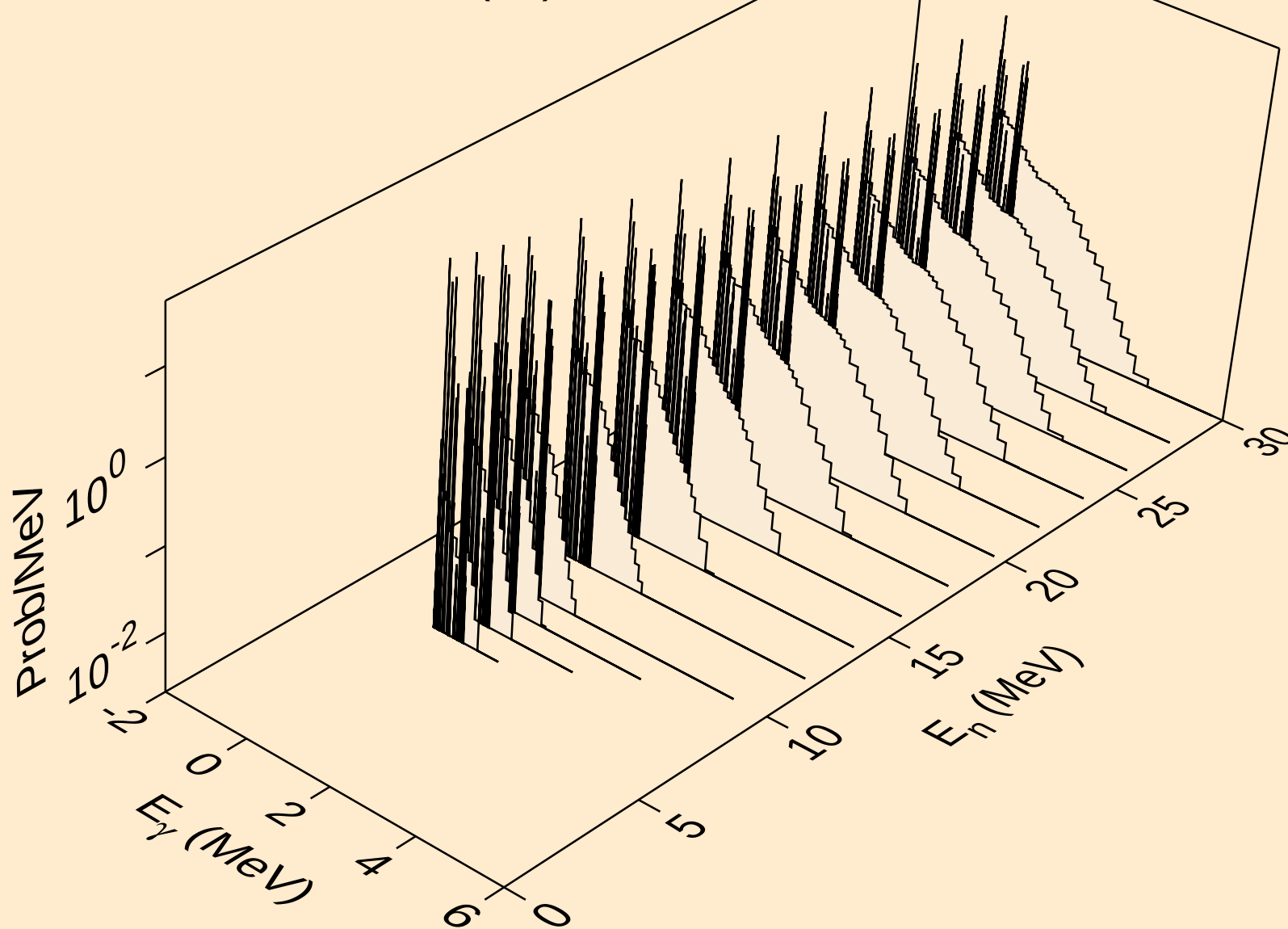


PA238 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,d)

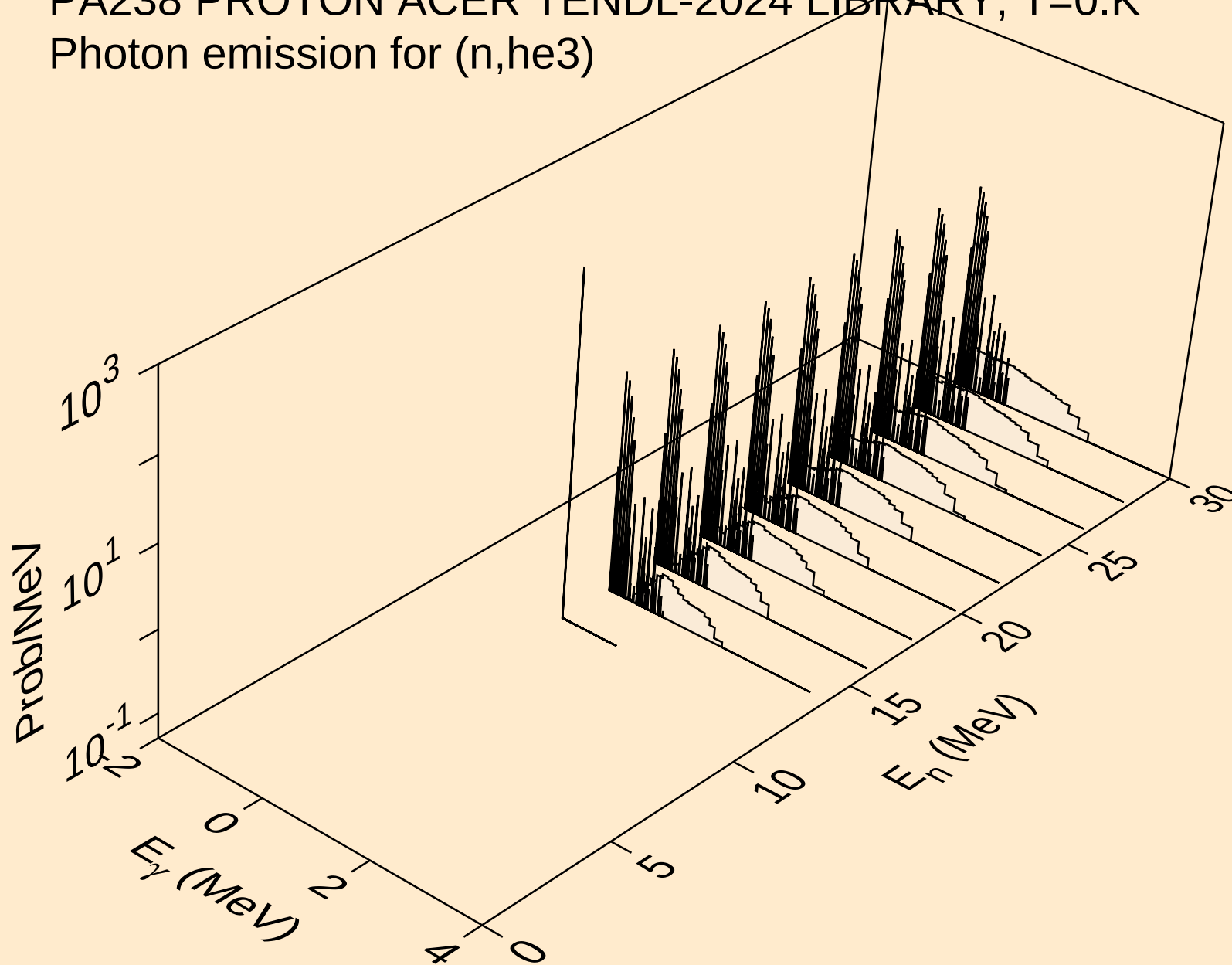


PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

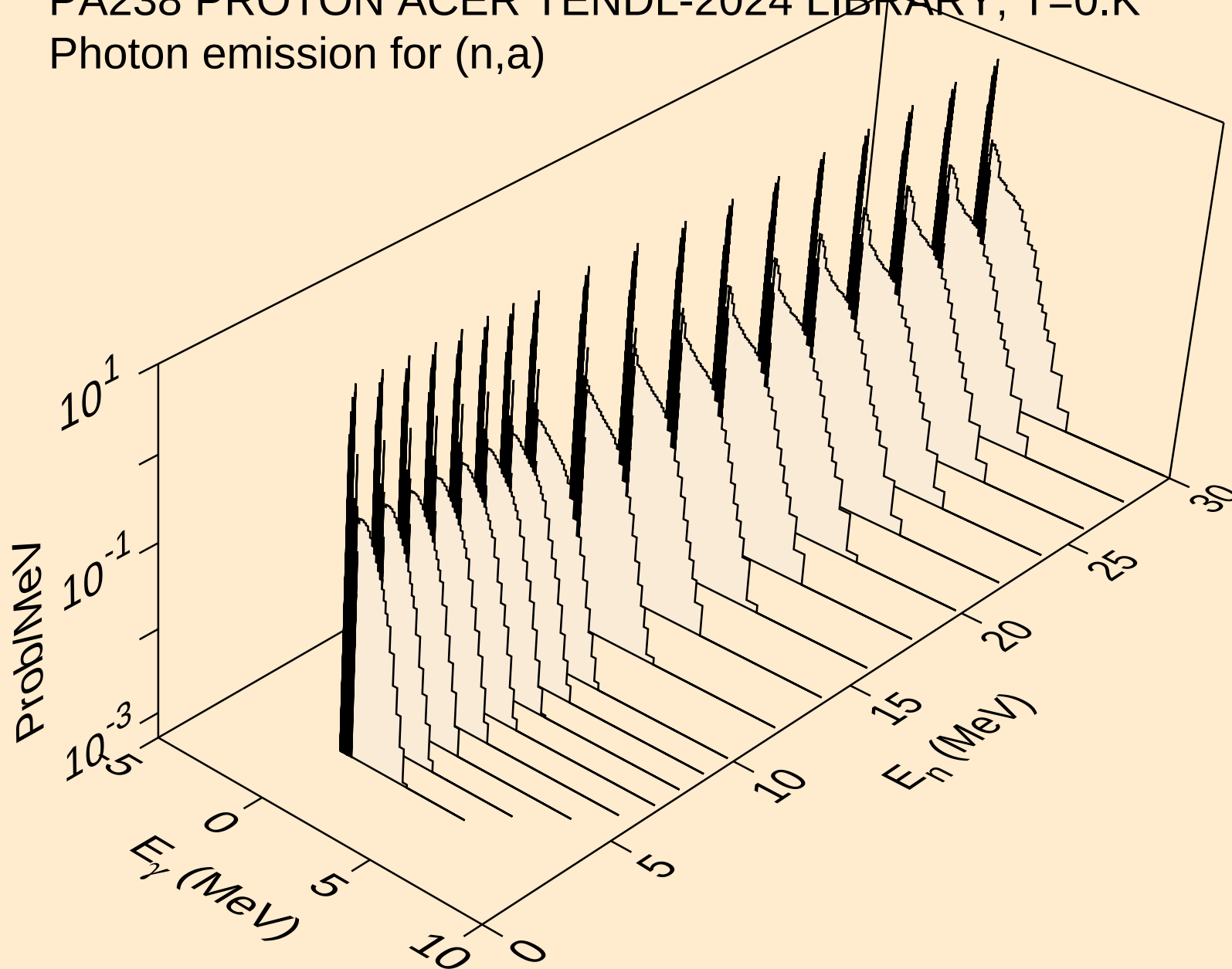
Photon emission for (n,t)



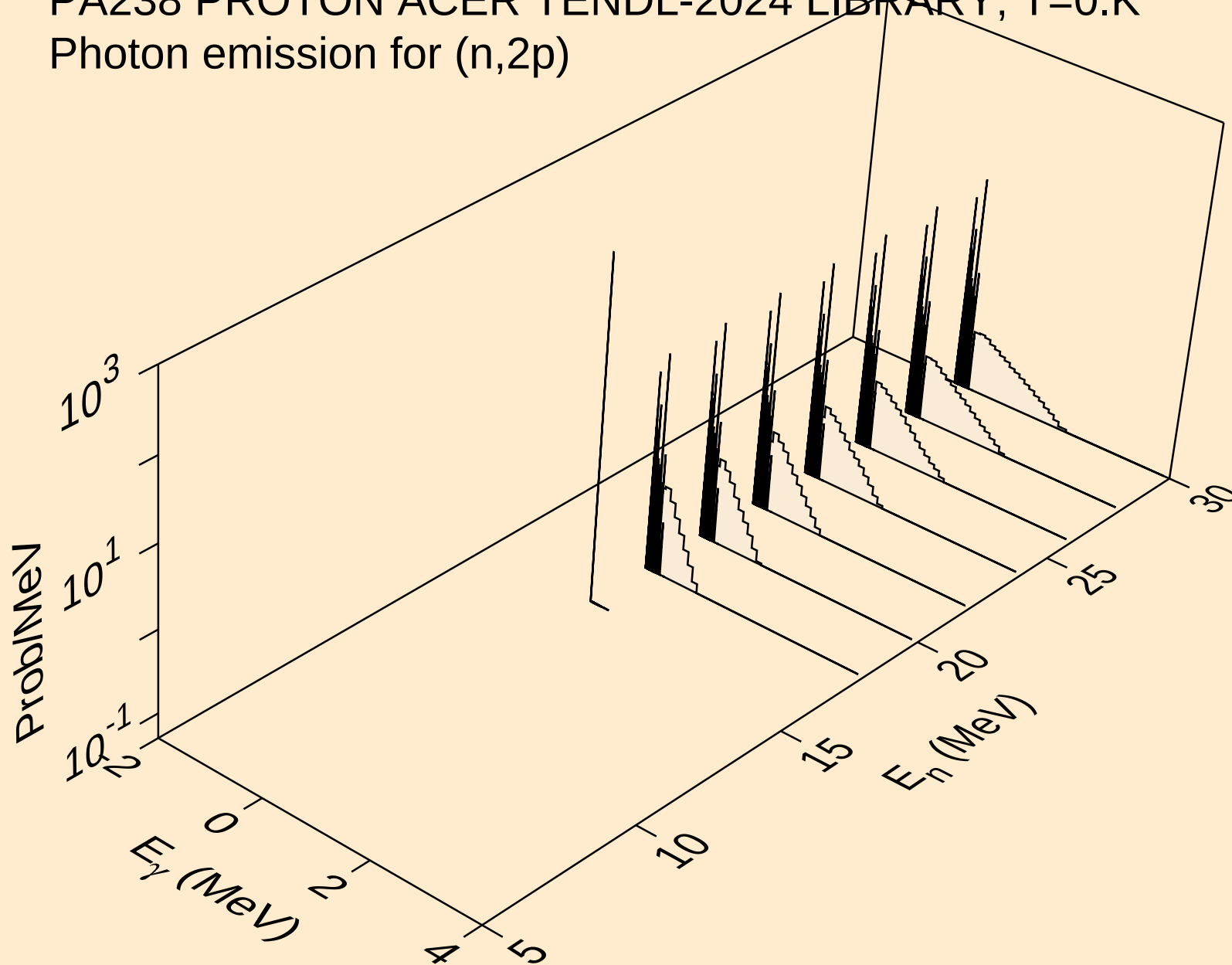
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



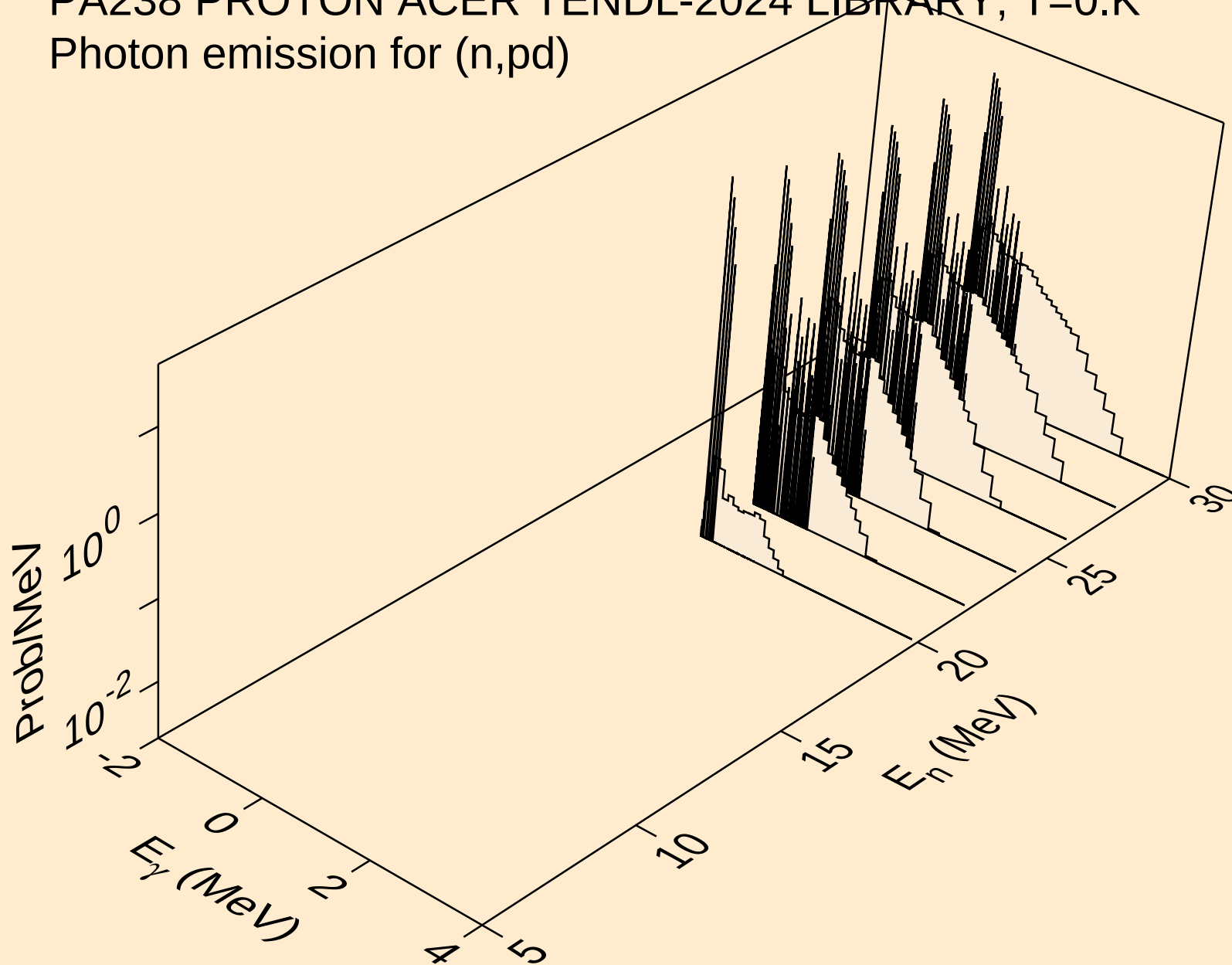
PA238 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,a)



PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)

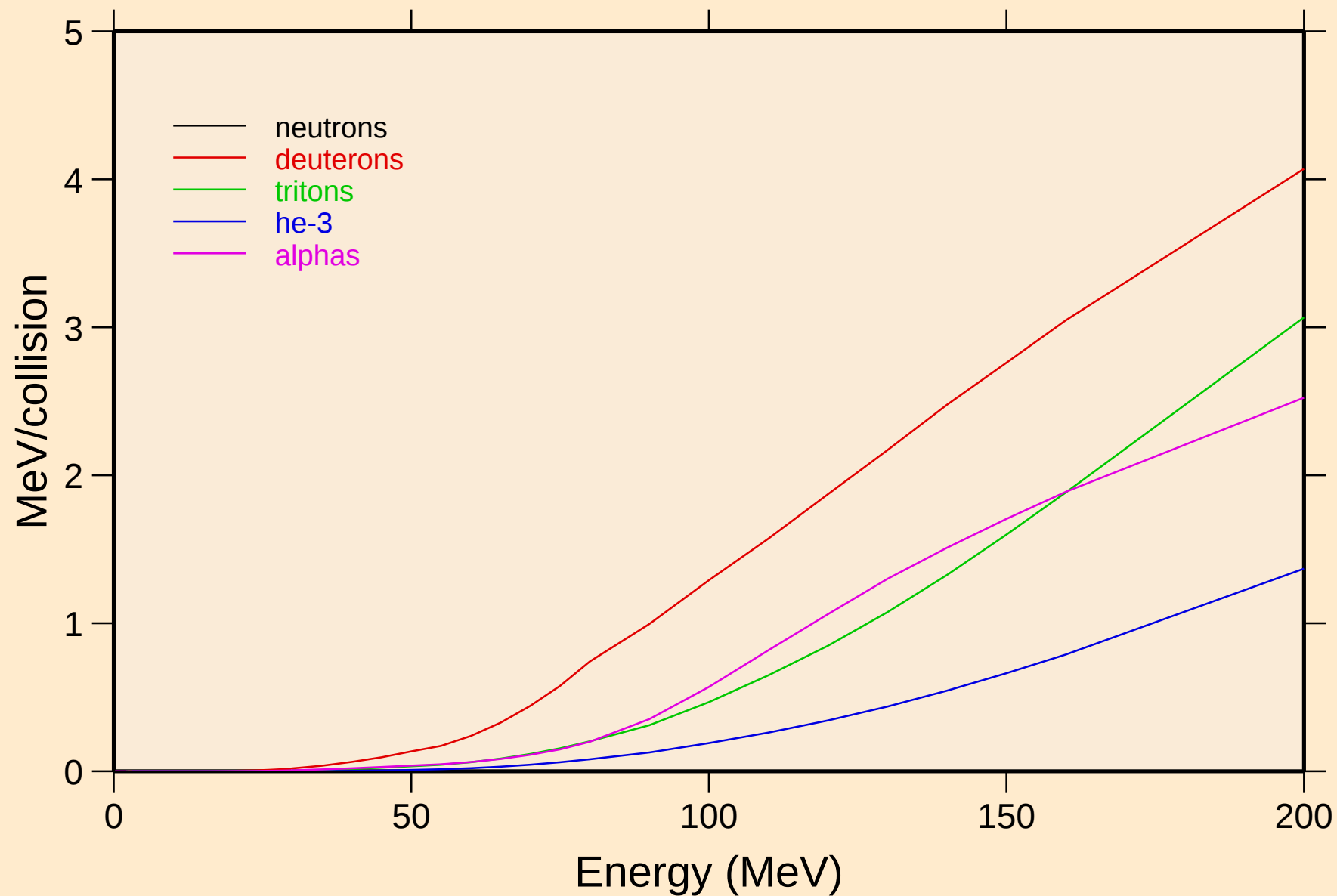


PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



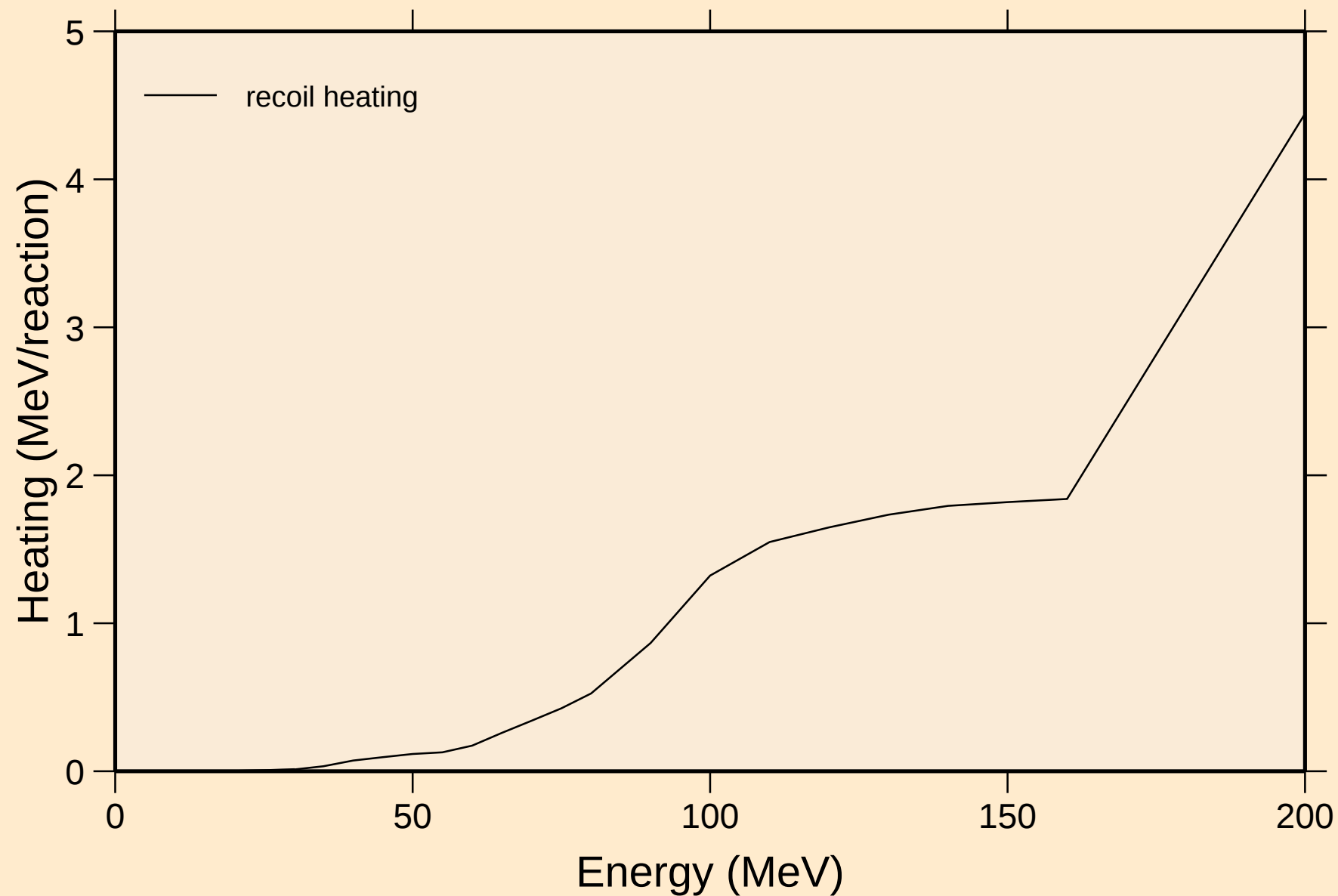
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



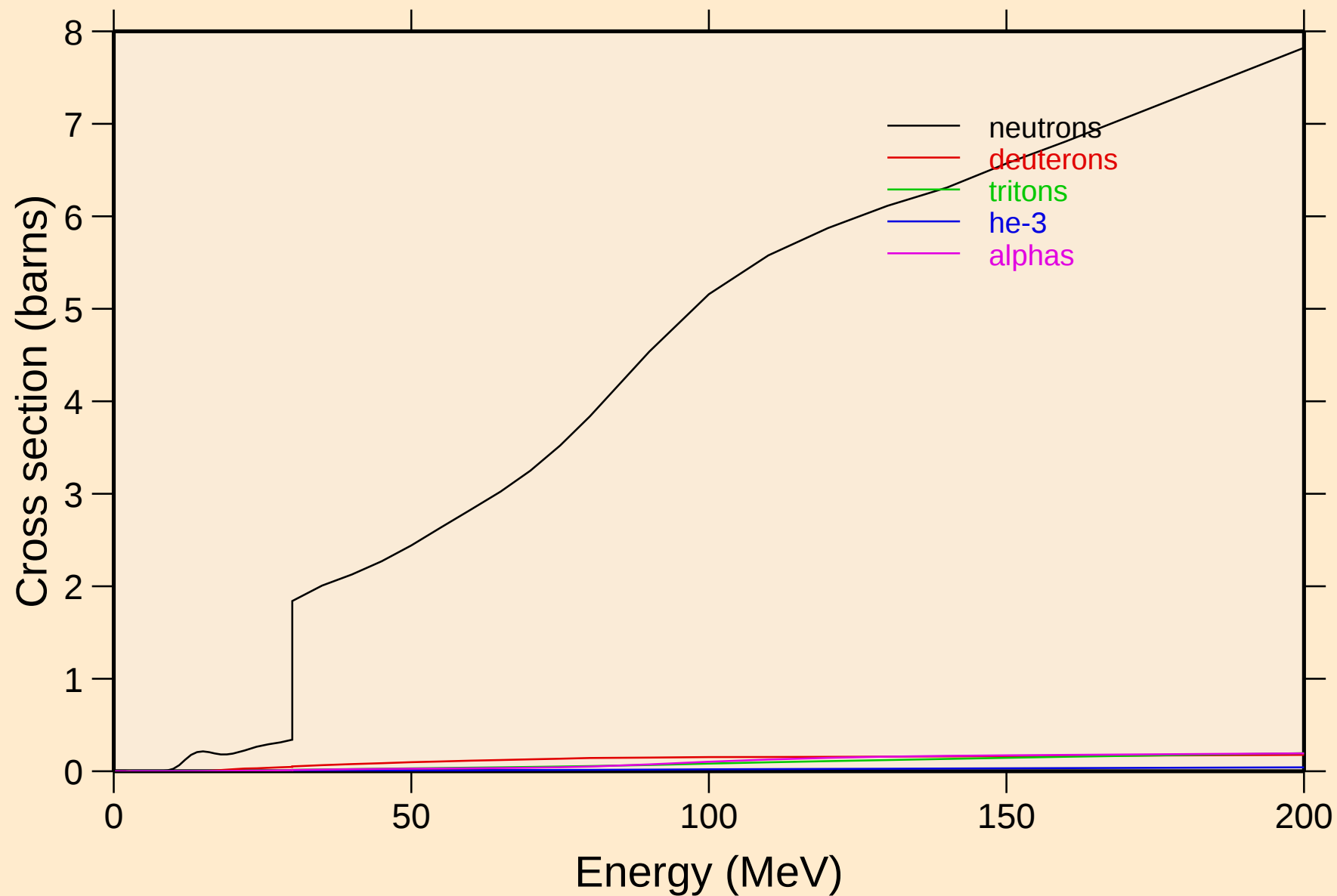
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

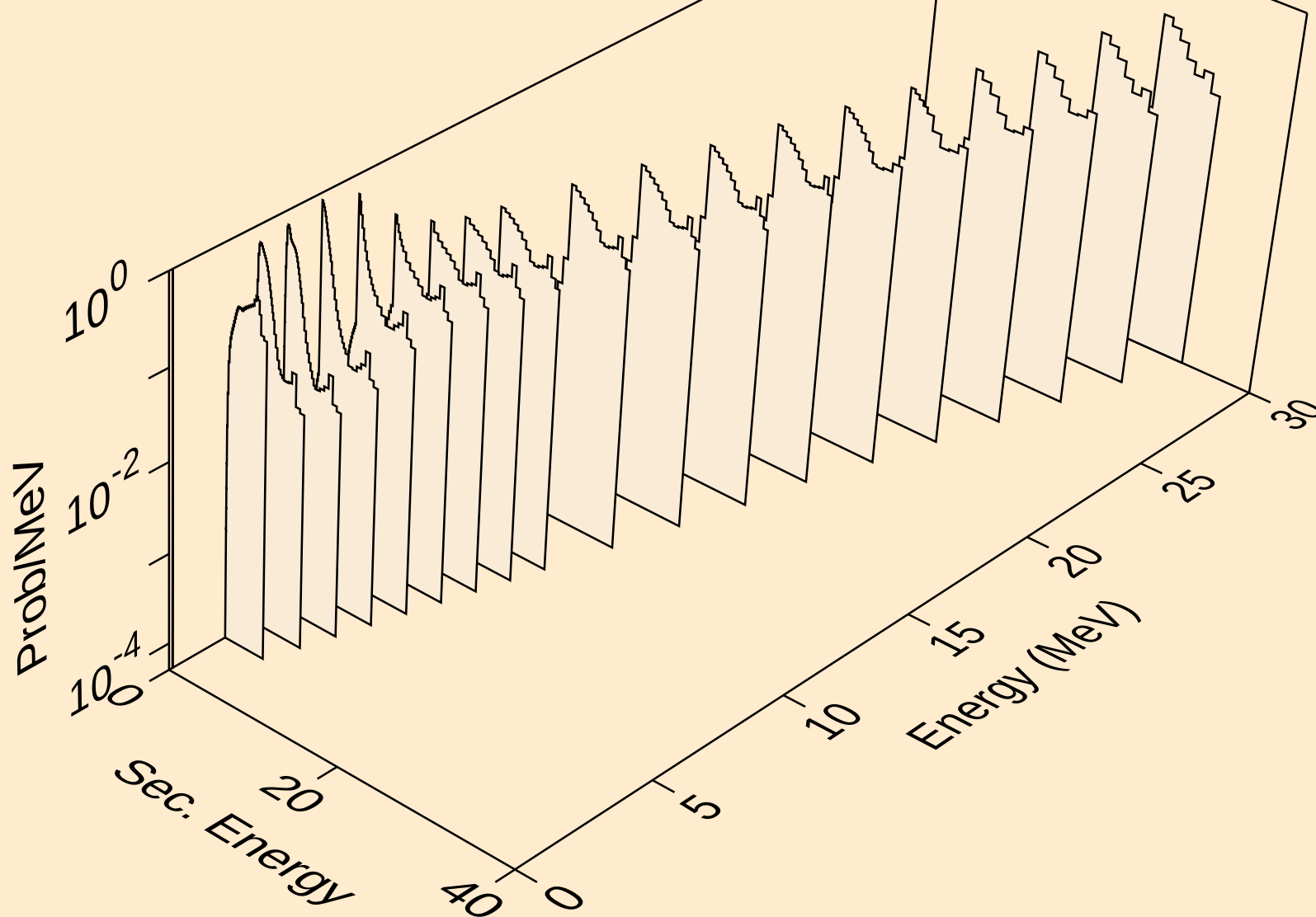


PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K

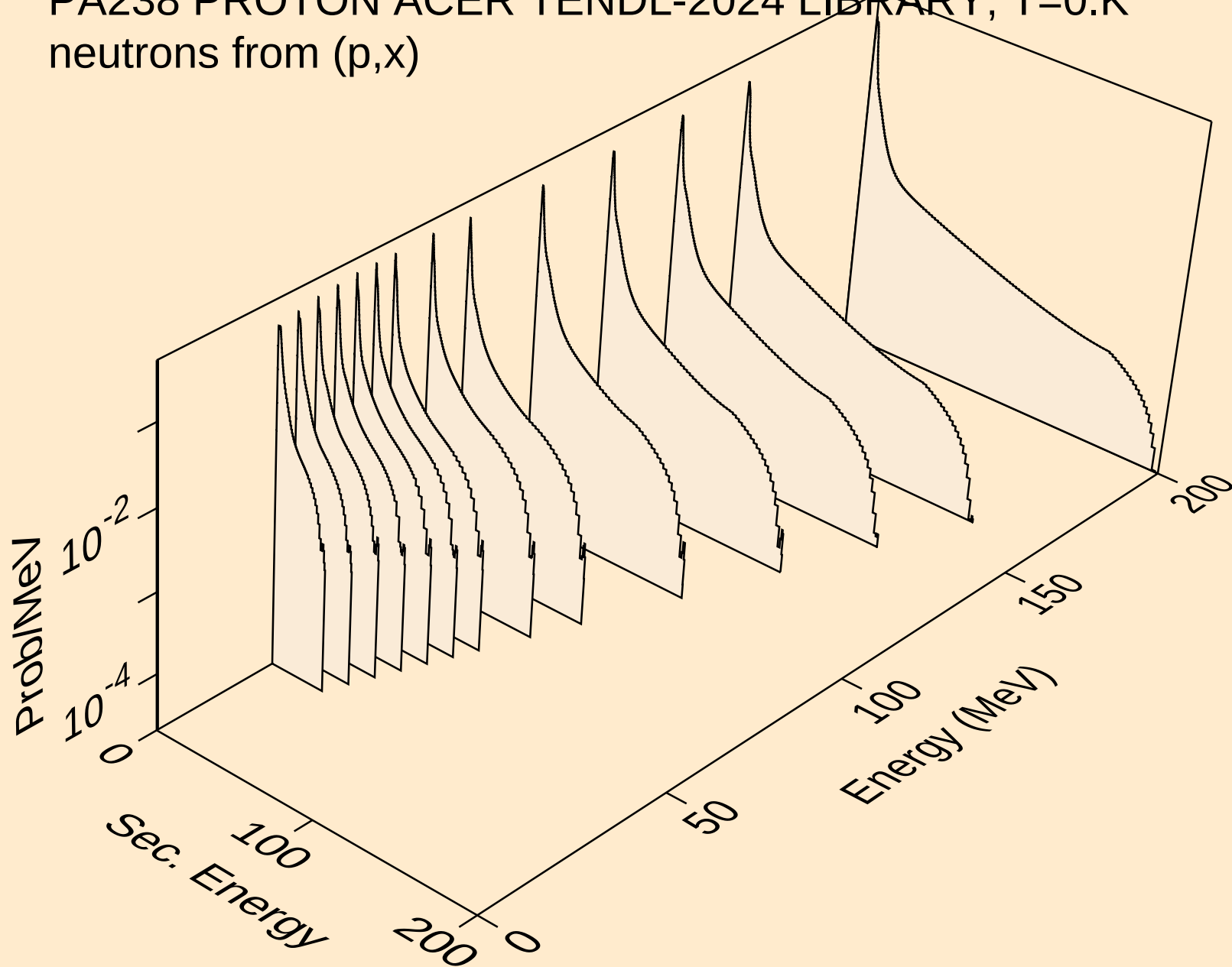
Particle production cross sections



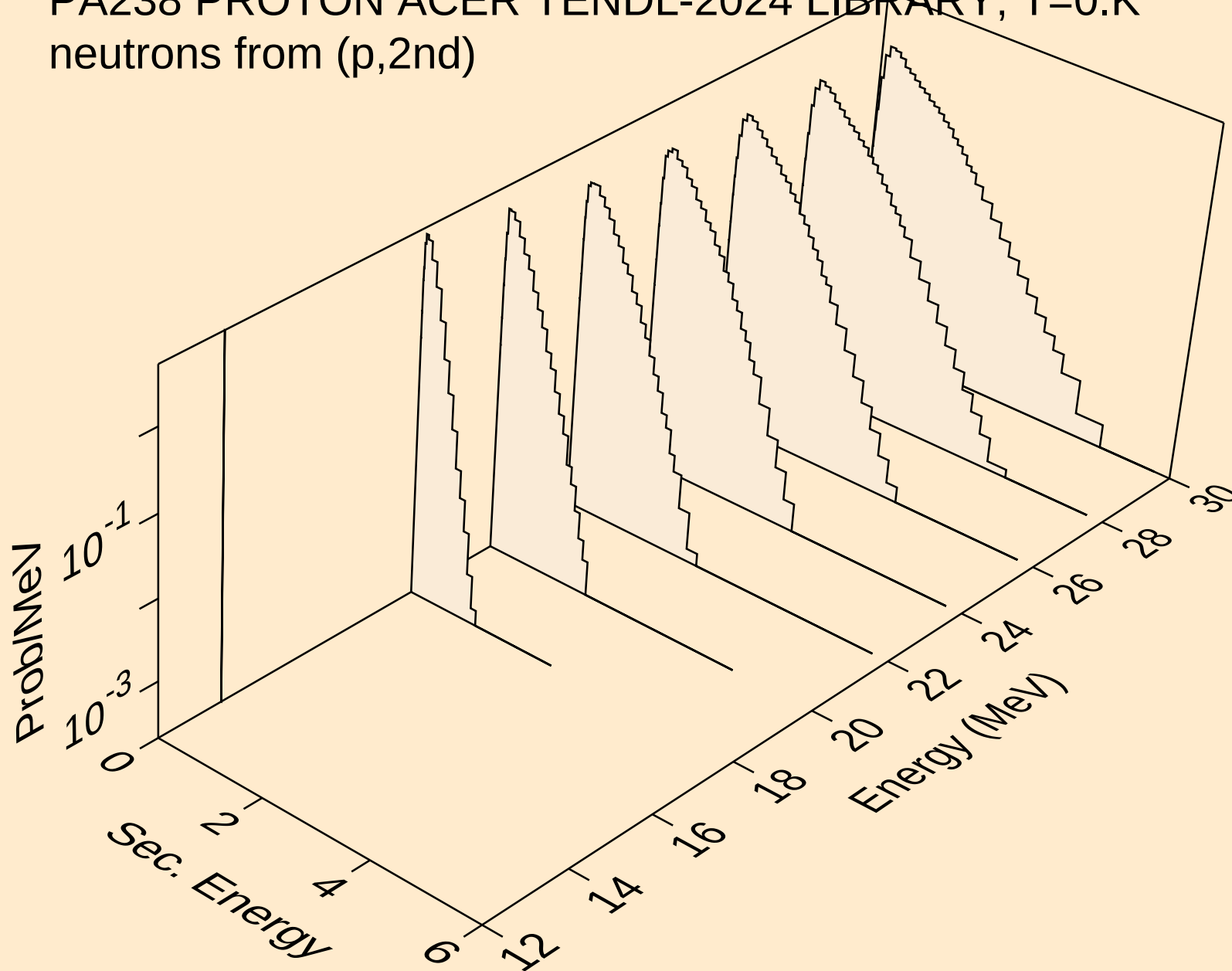
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n)



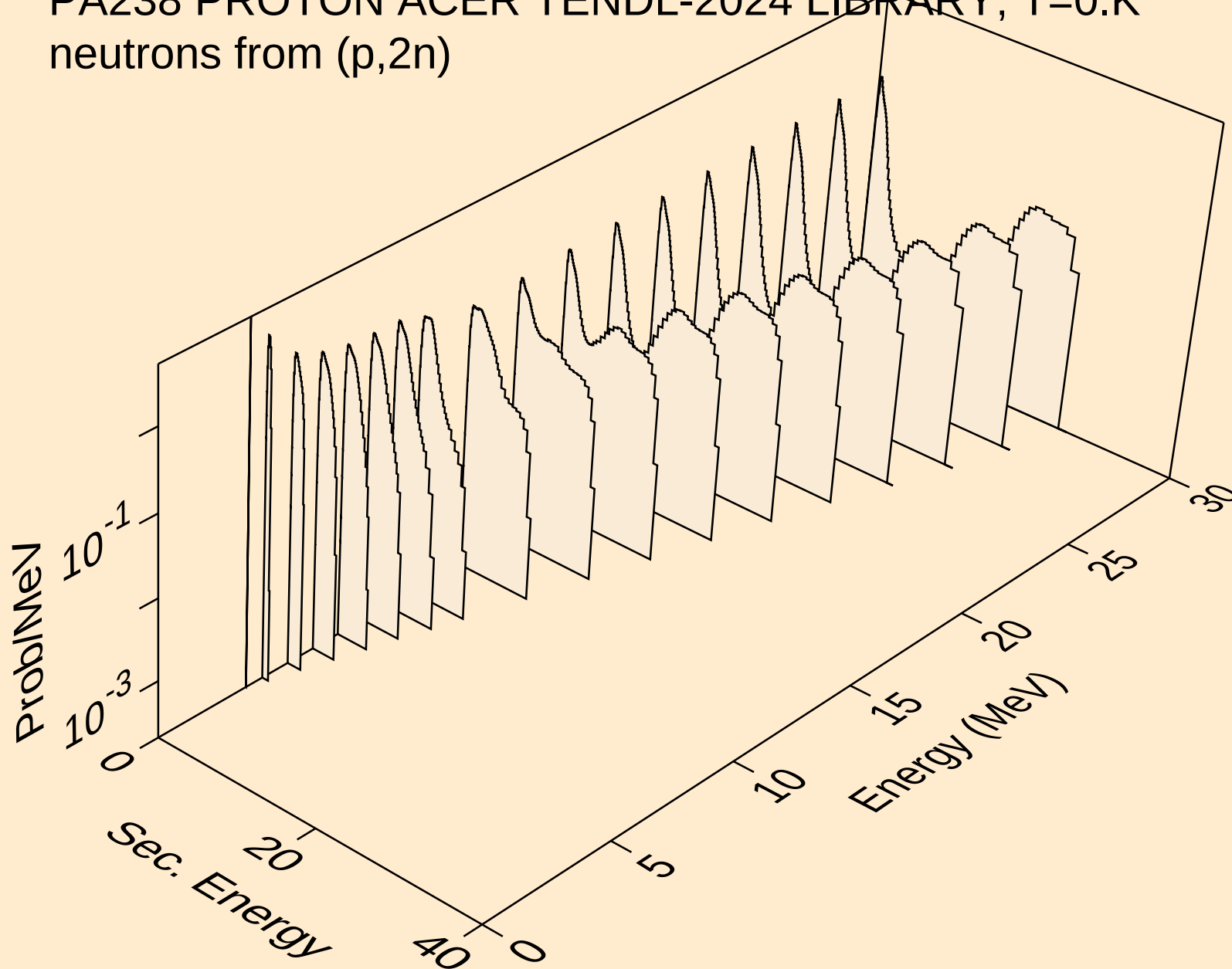
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,x)



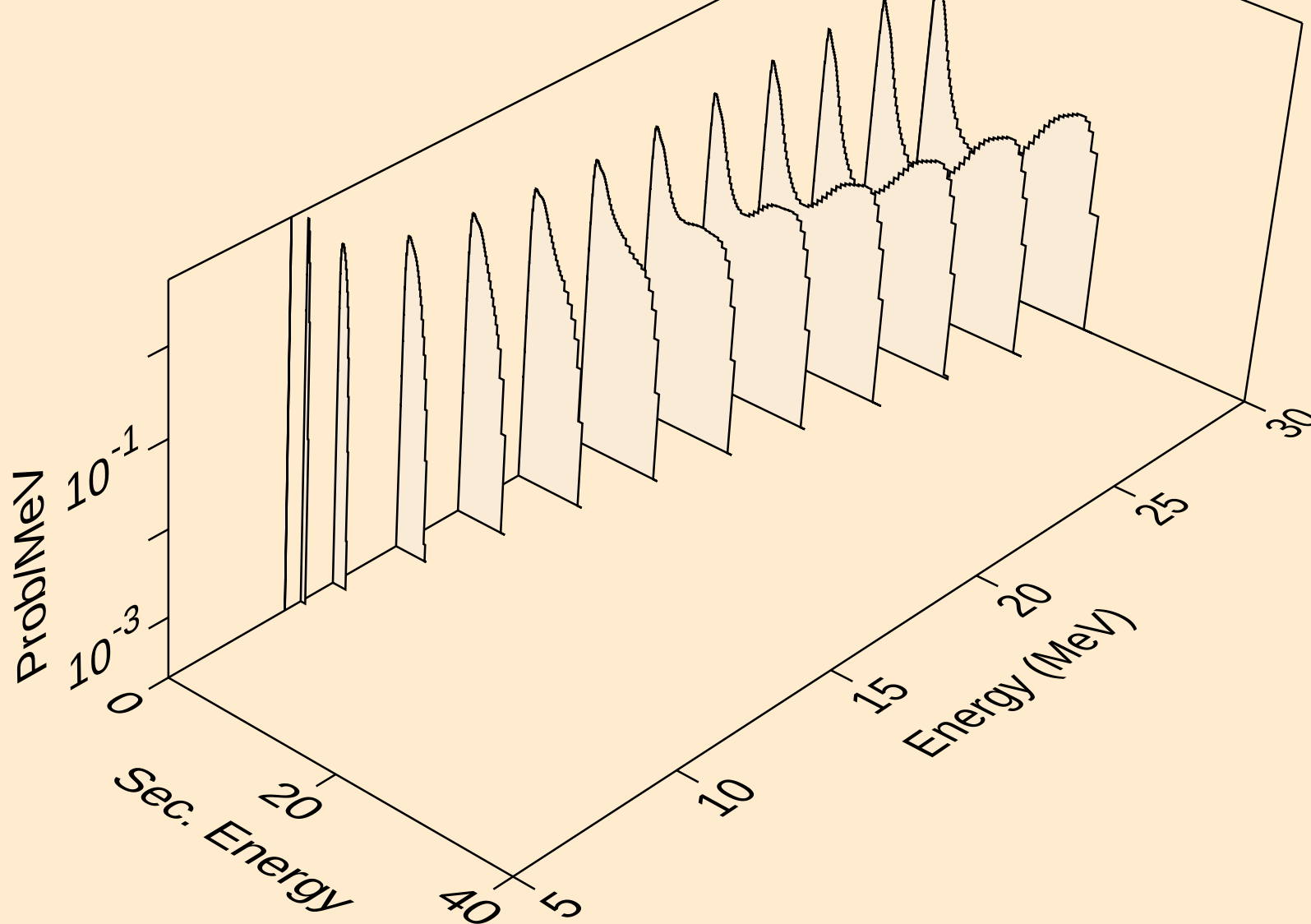
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2nd)



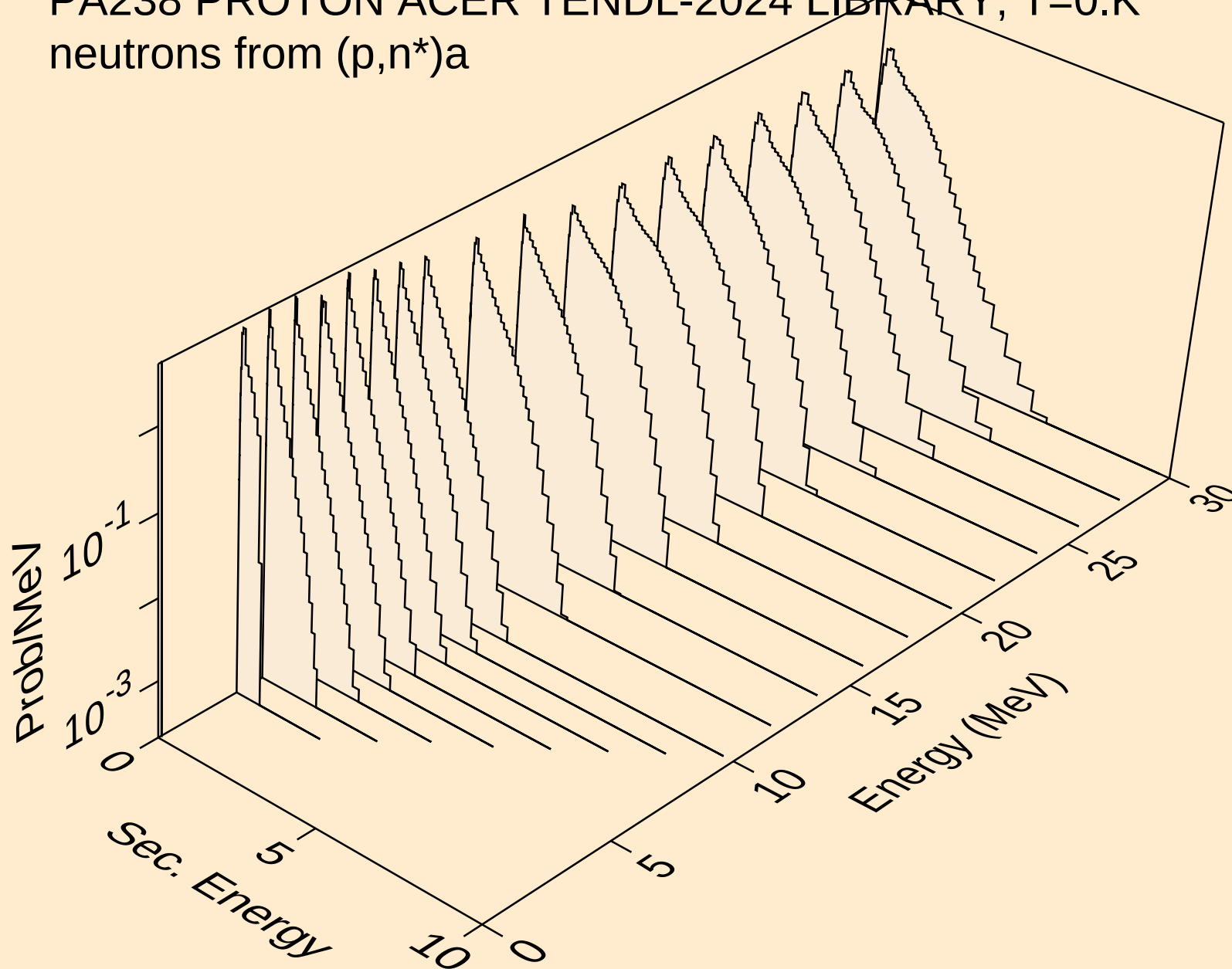
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)



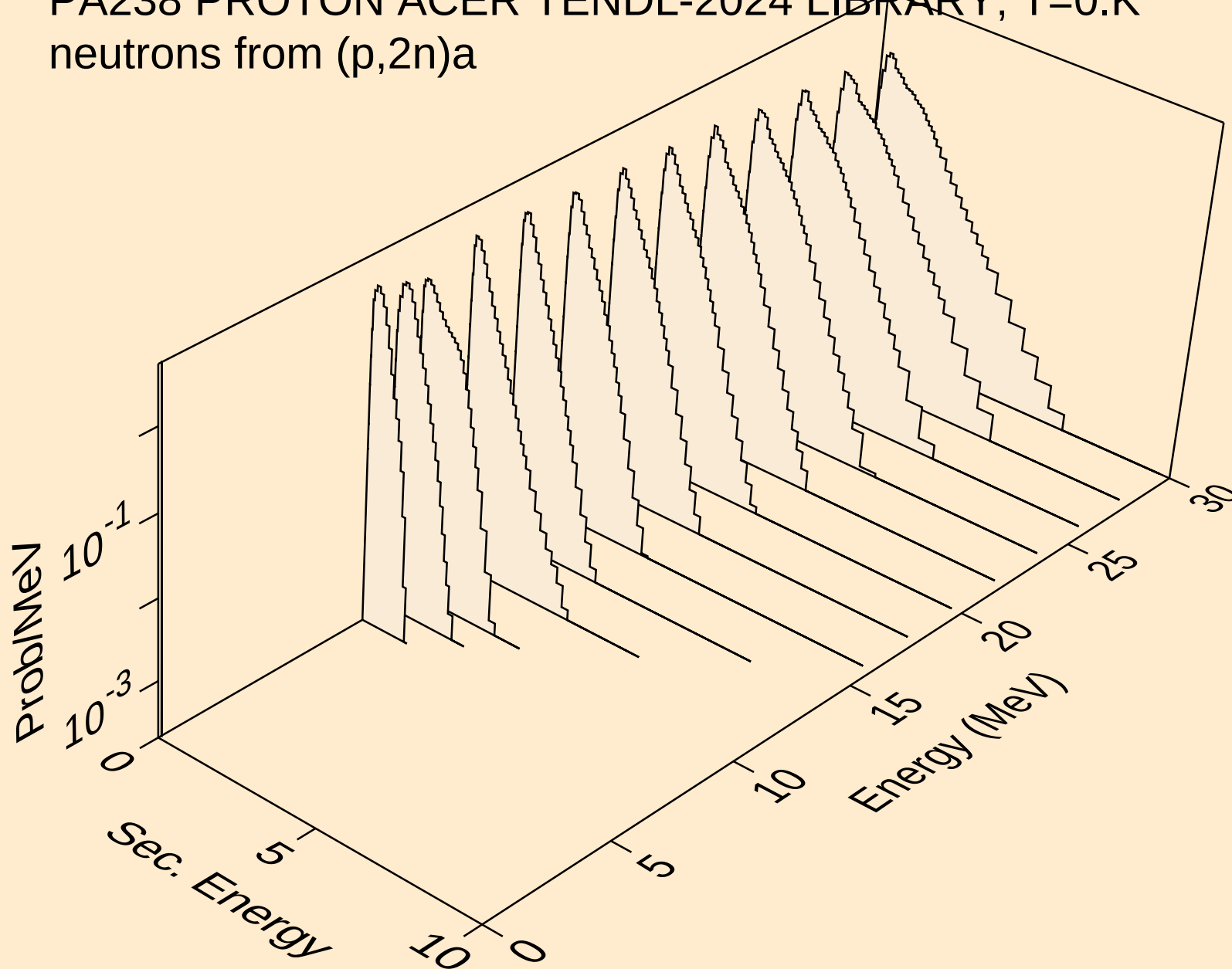
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)



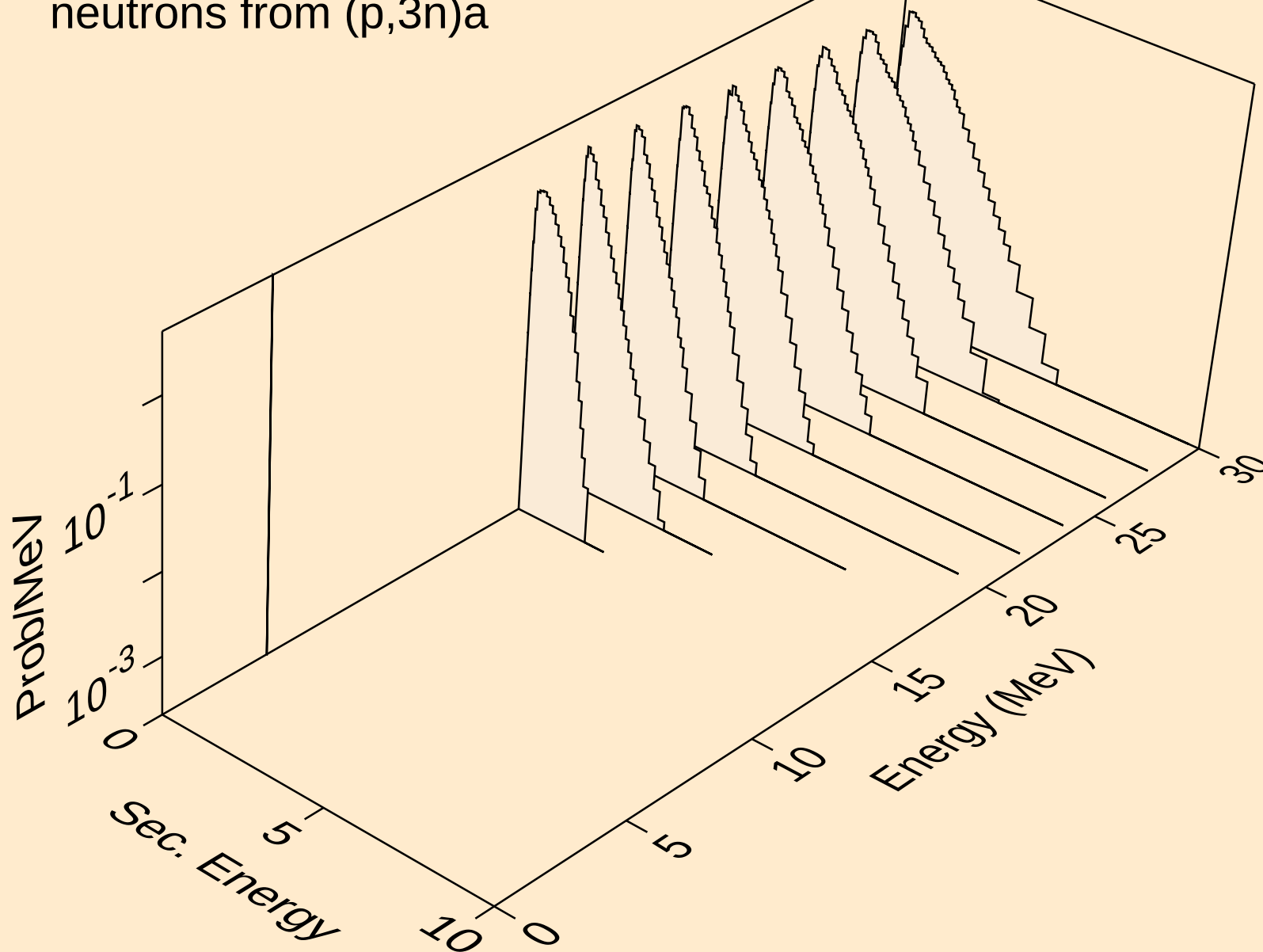
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)a



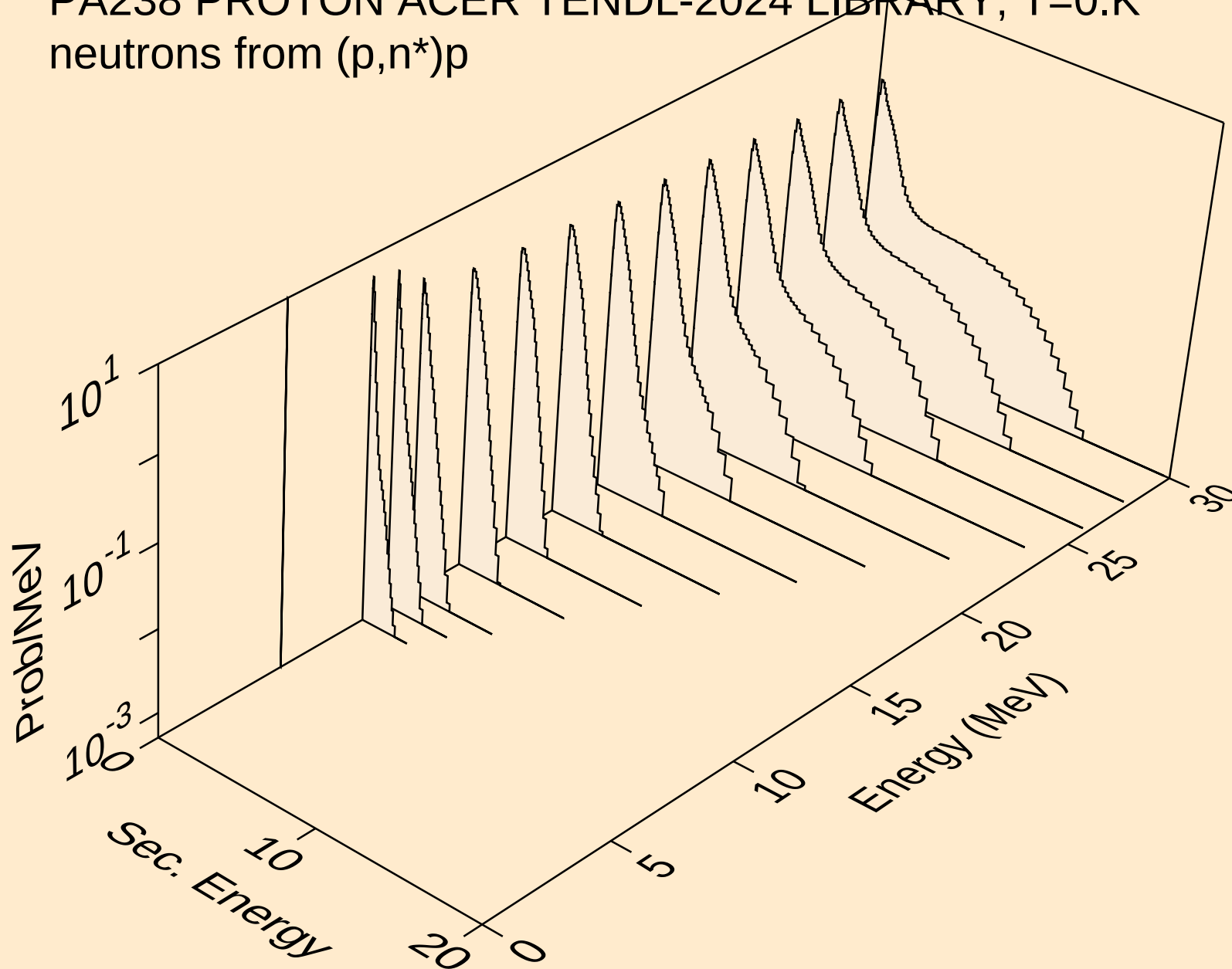
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)a



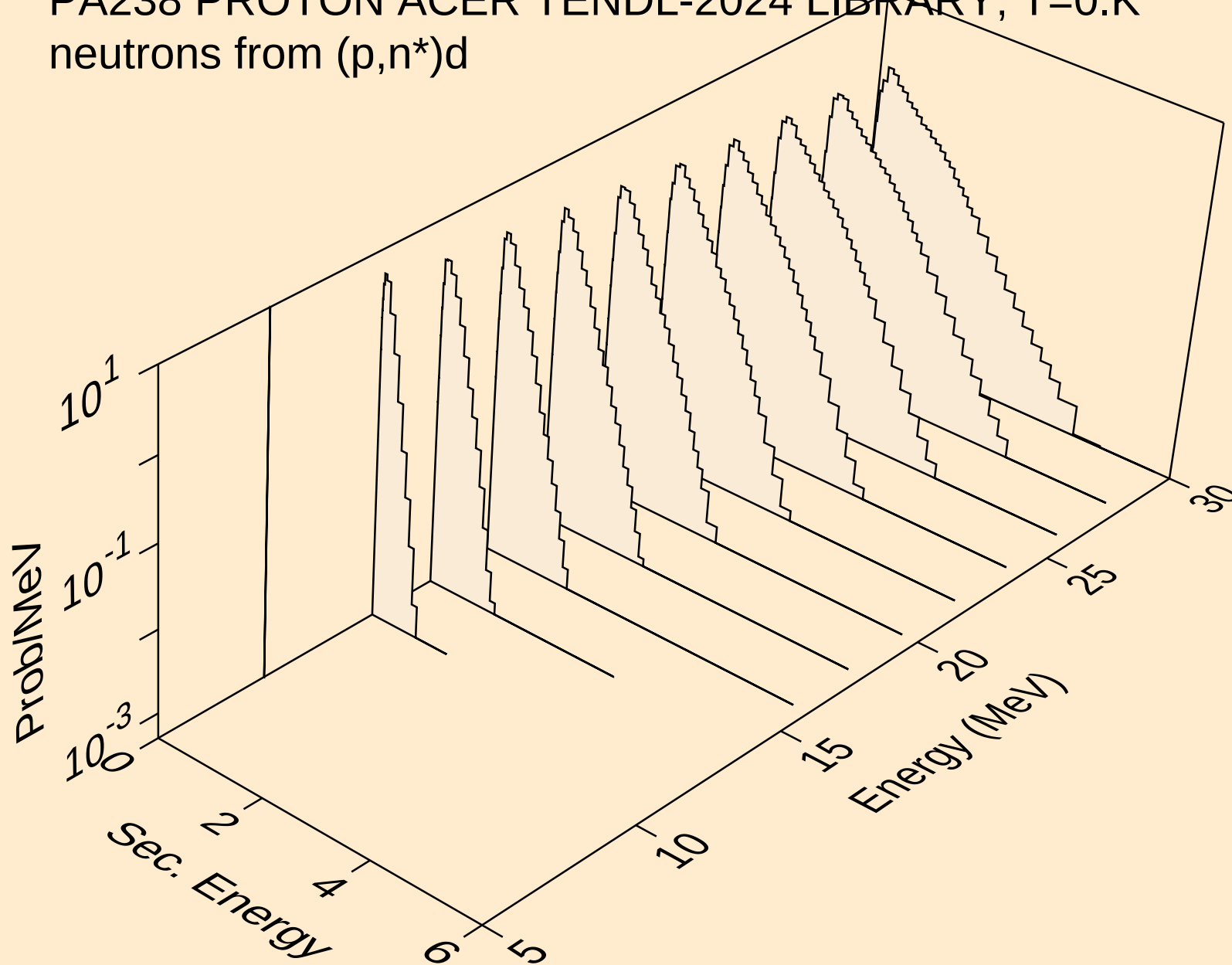
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)a



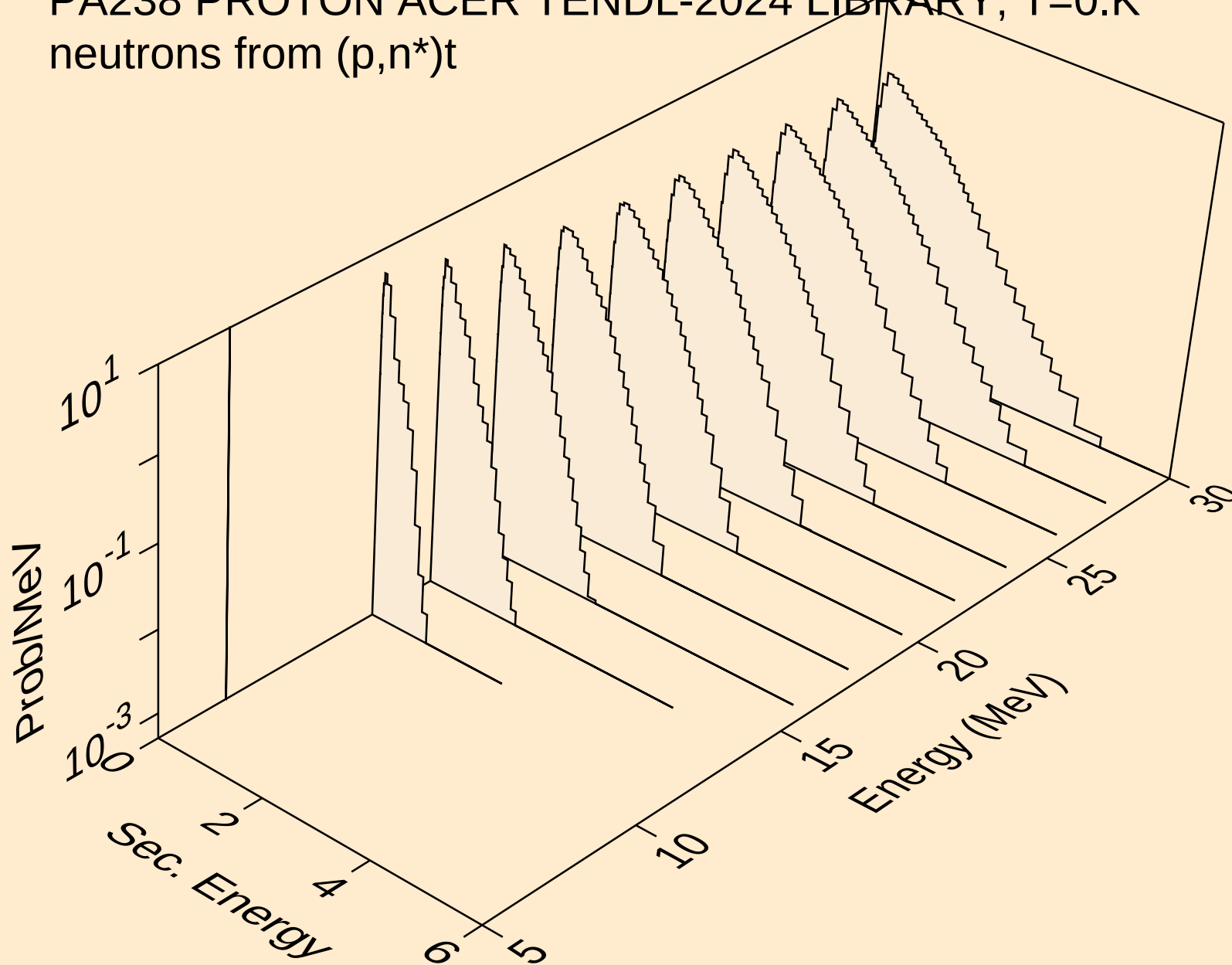
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)p



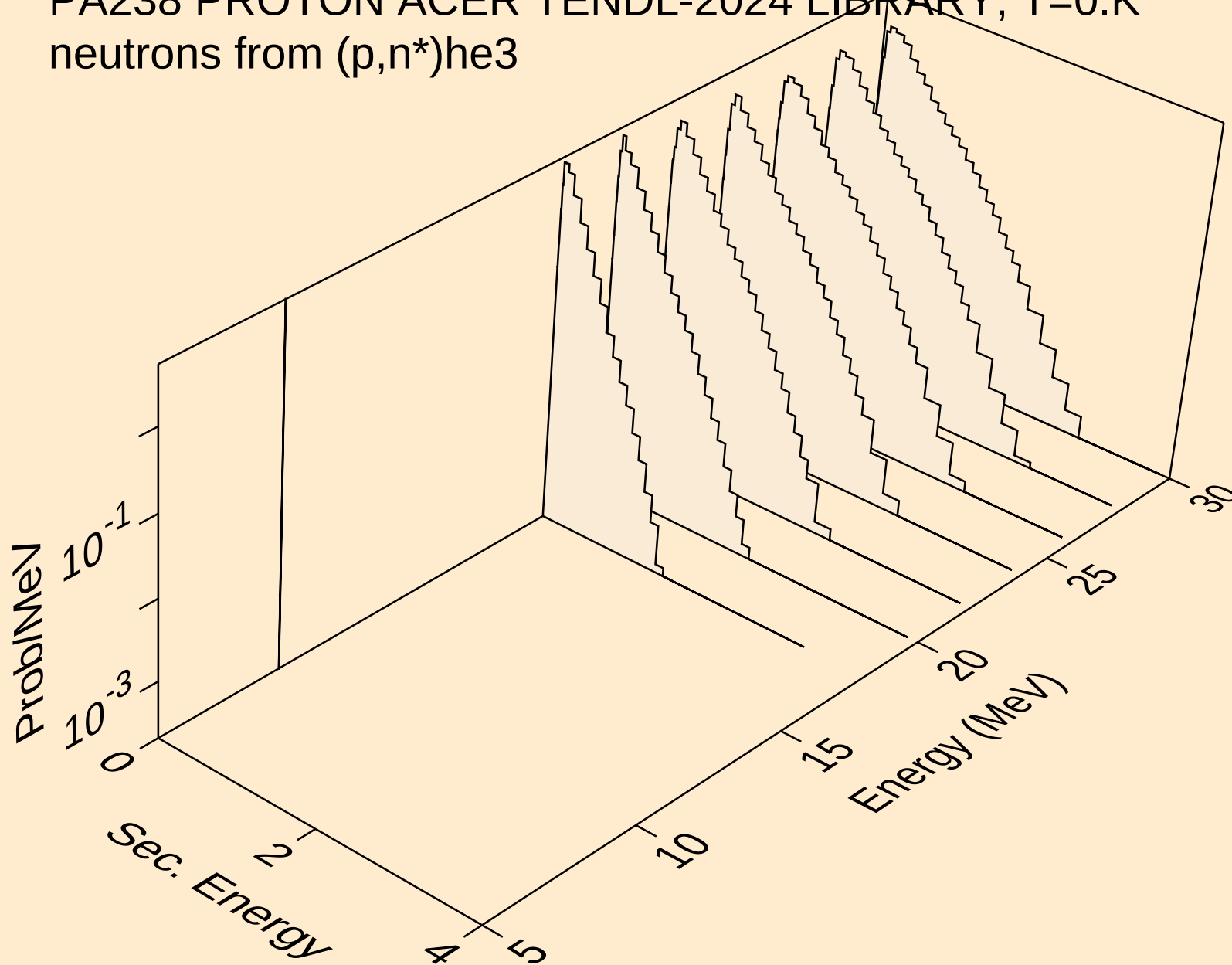
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)d



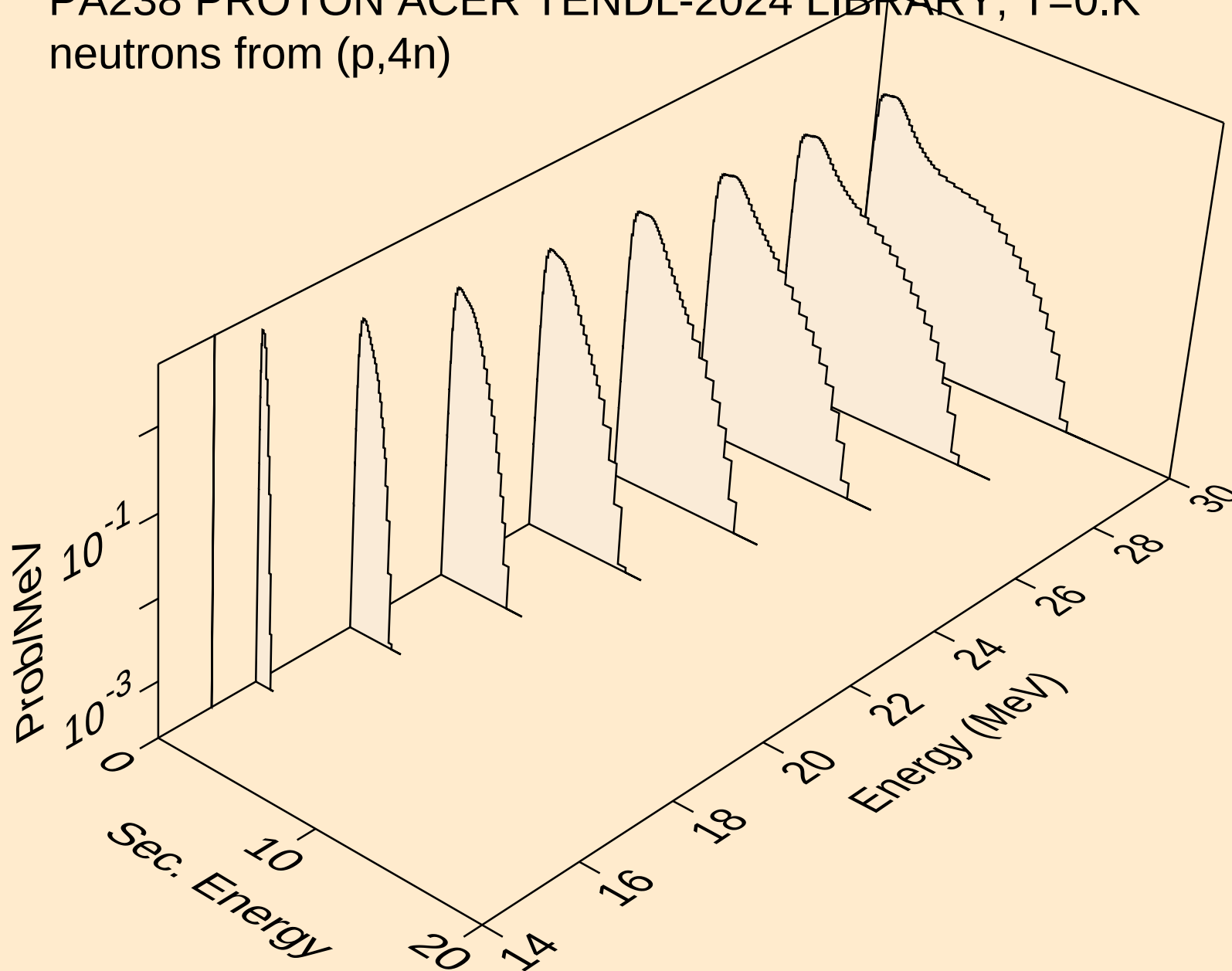
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)t



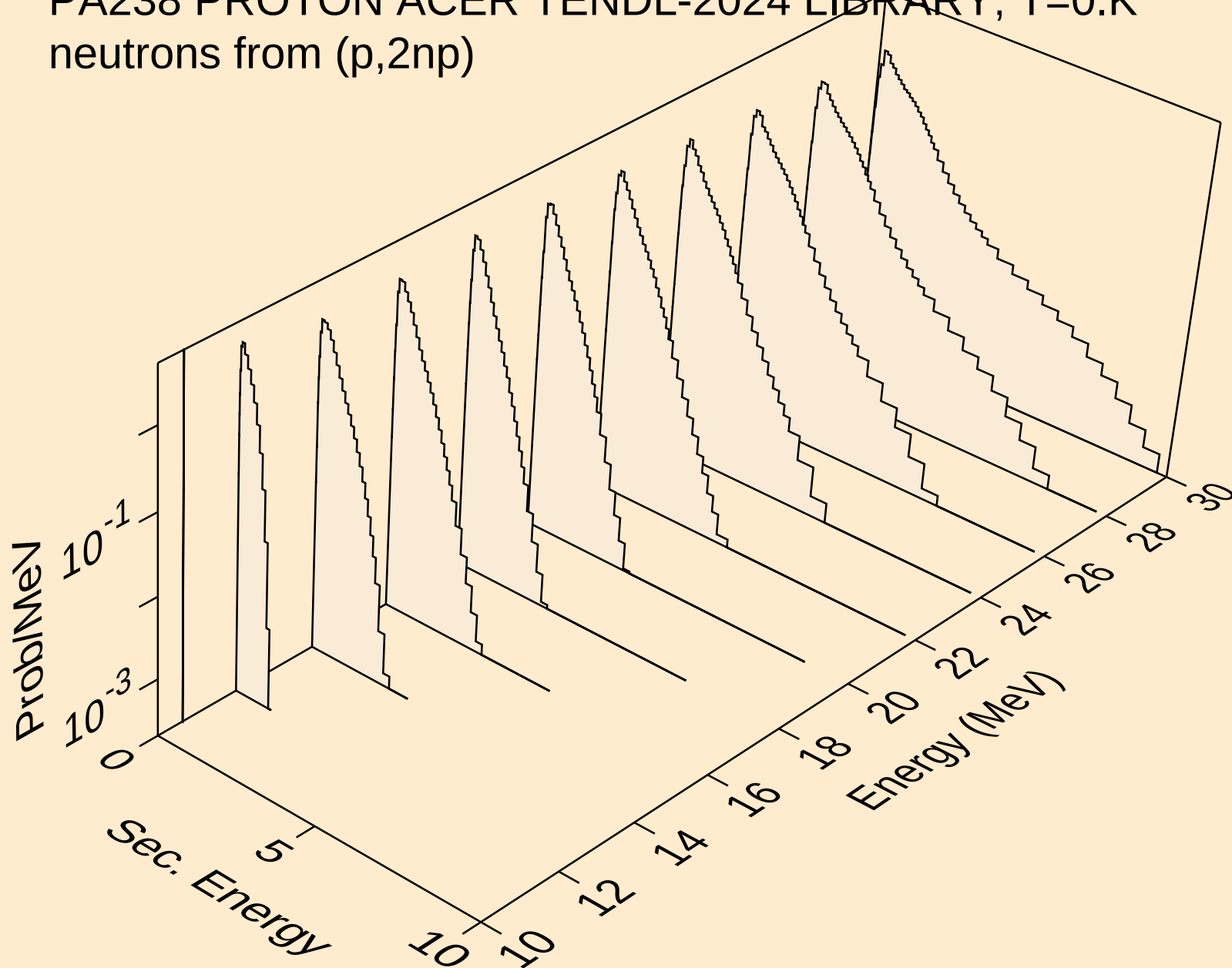
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)he3



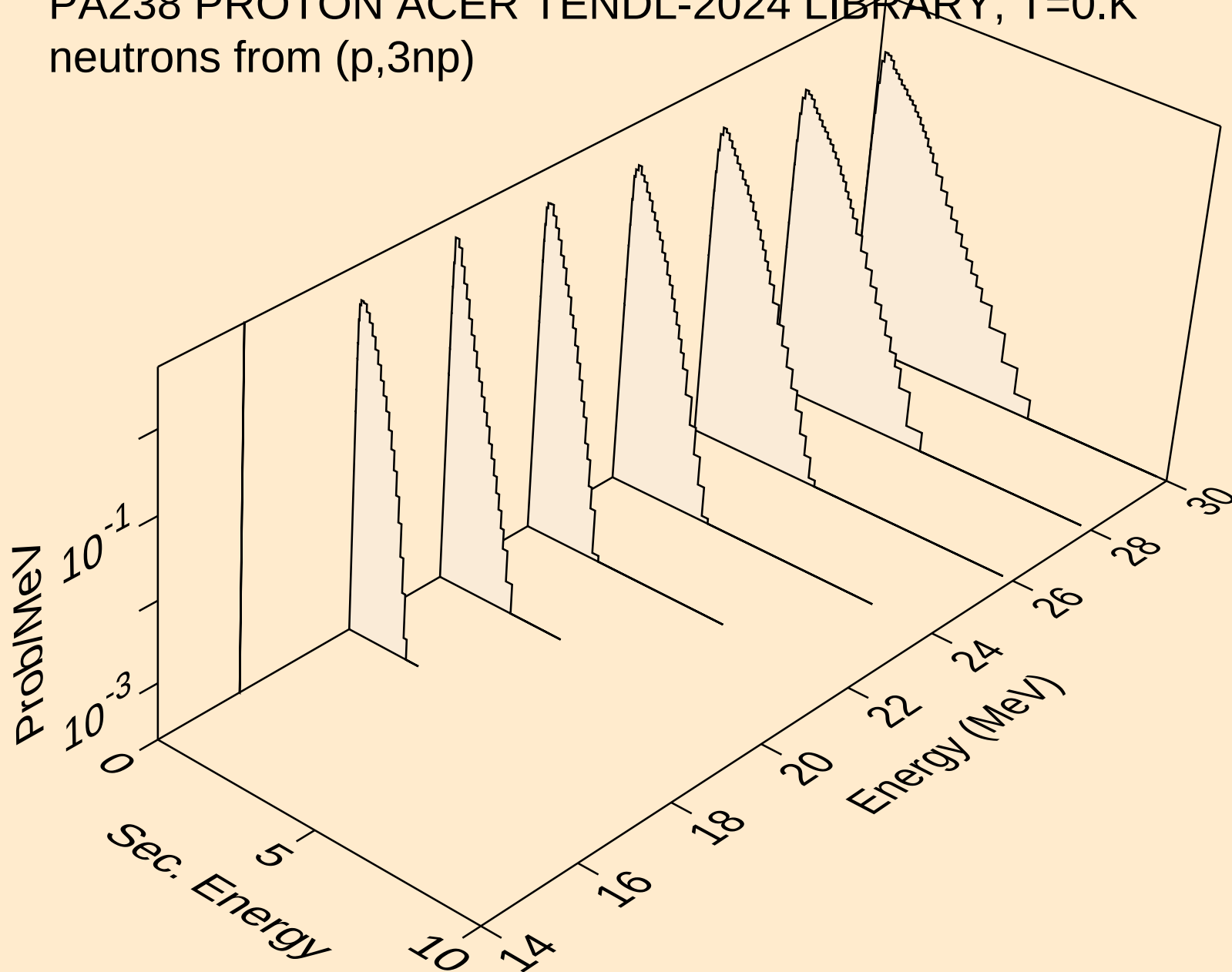
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,4n)



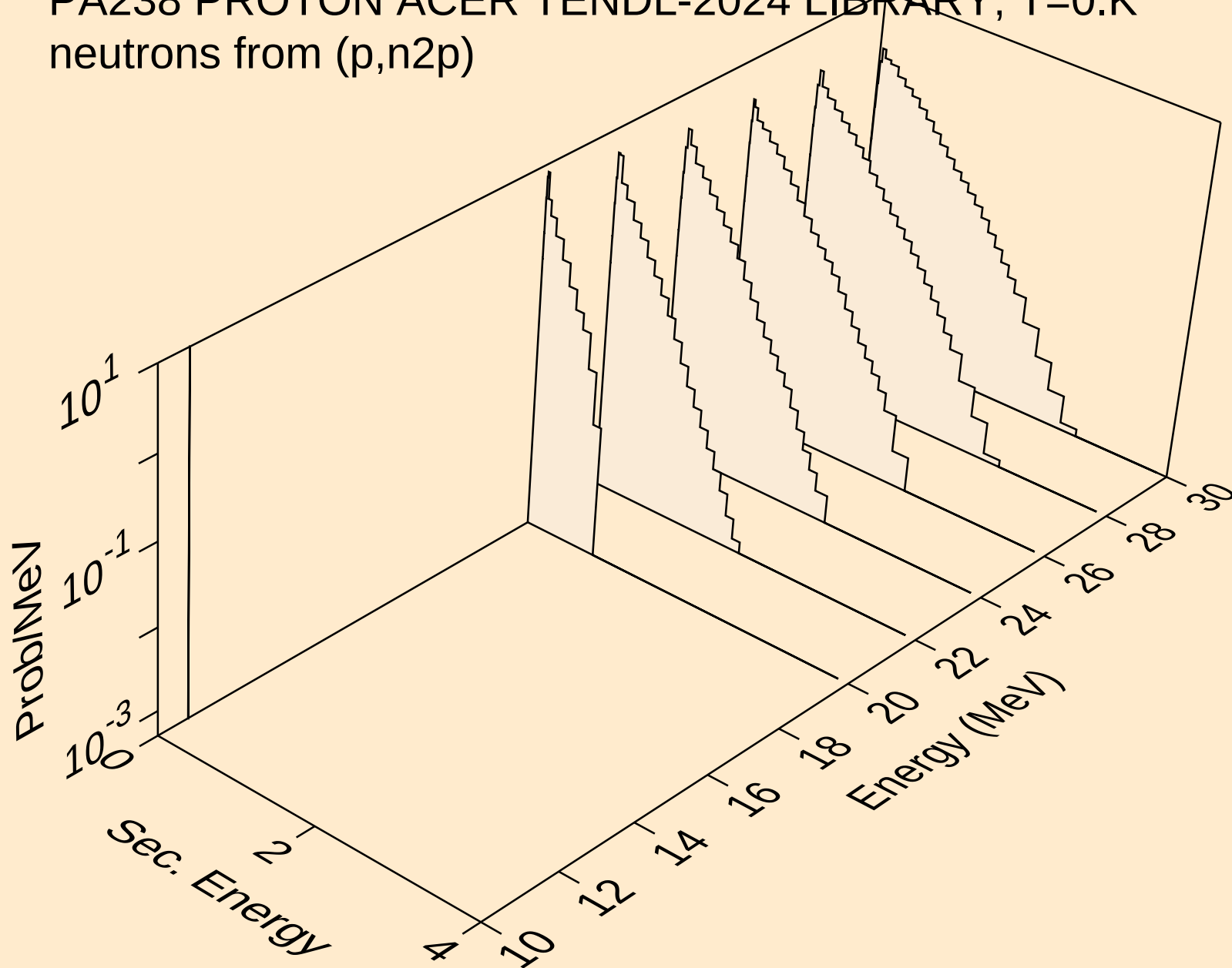
PA238 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from (p,2np)



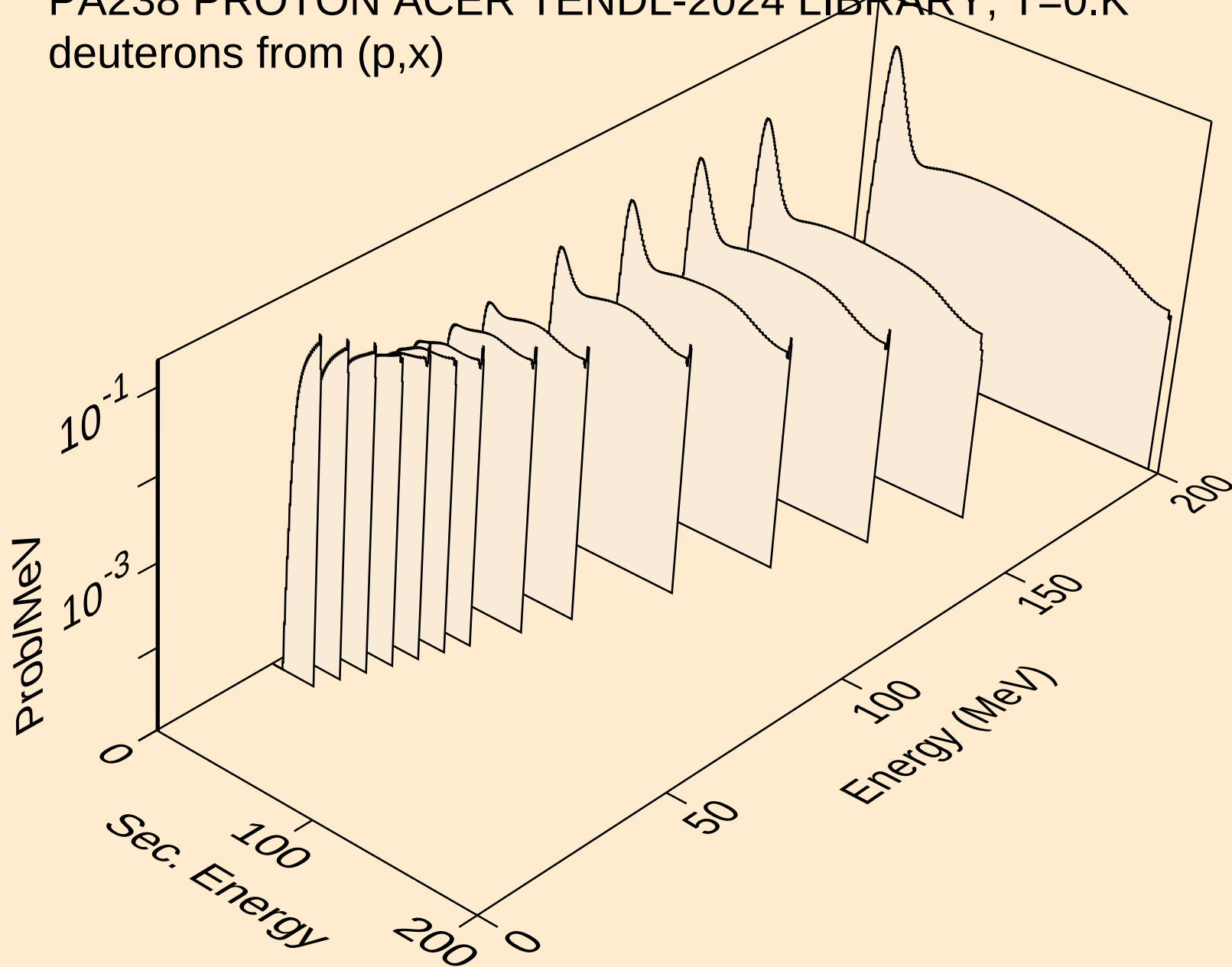
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3np)



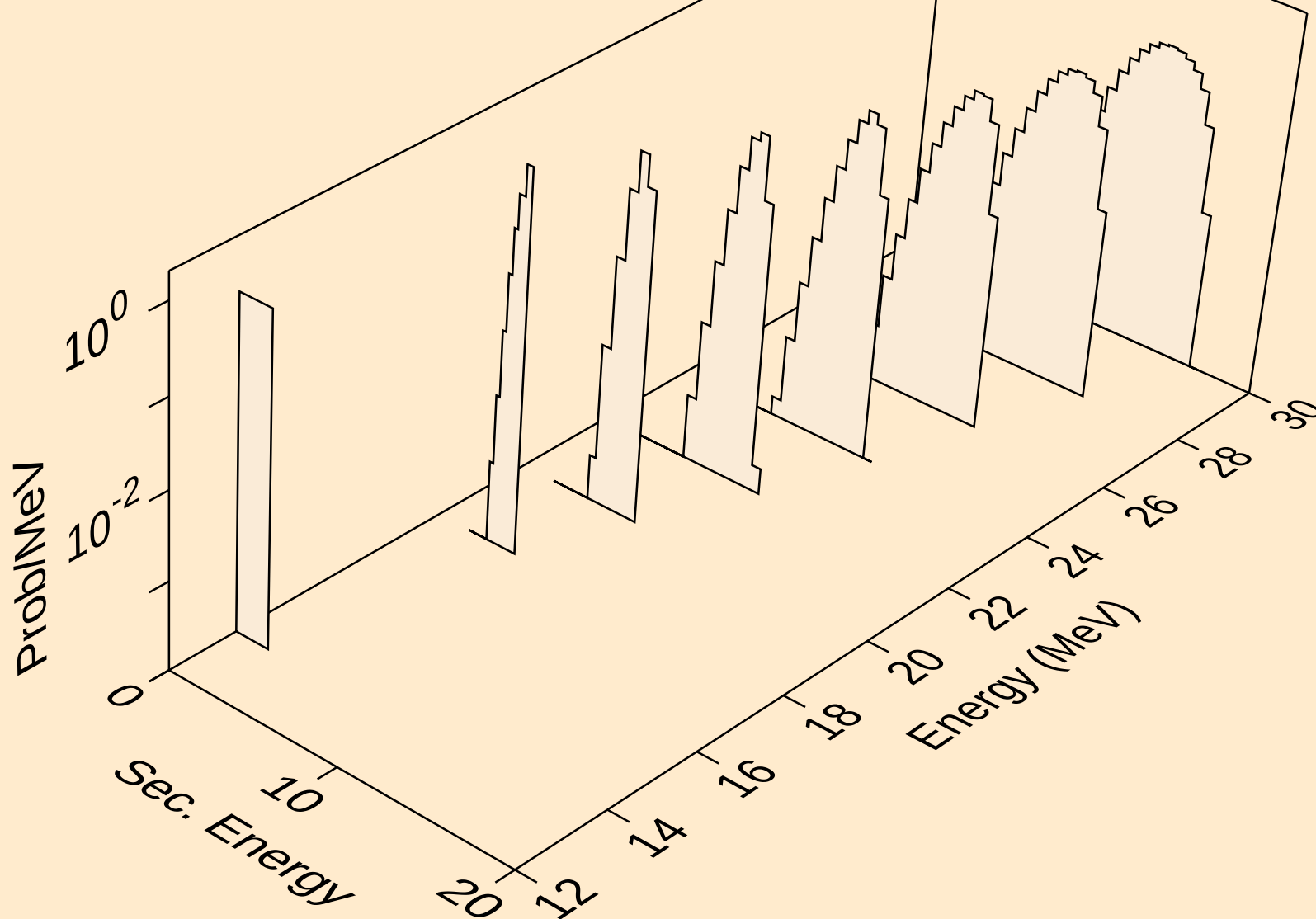
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n2p)



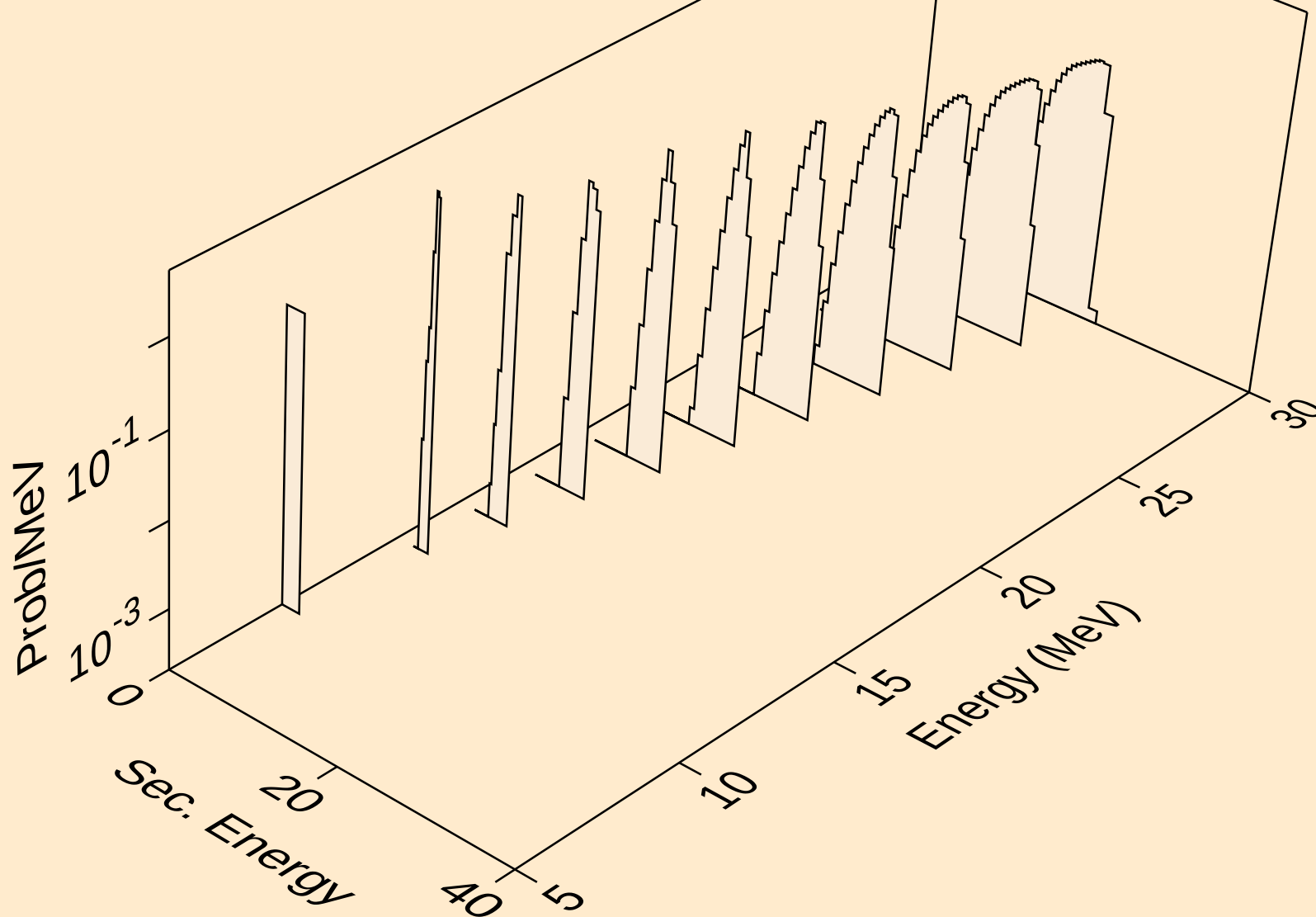
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,x)



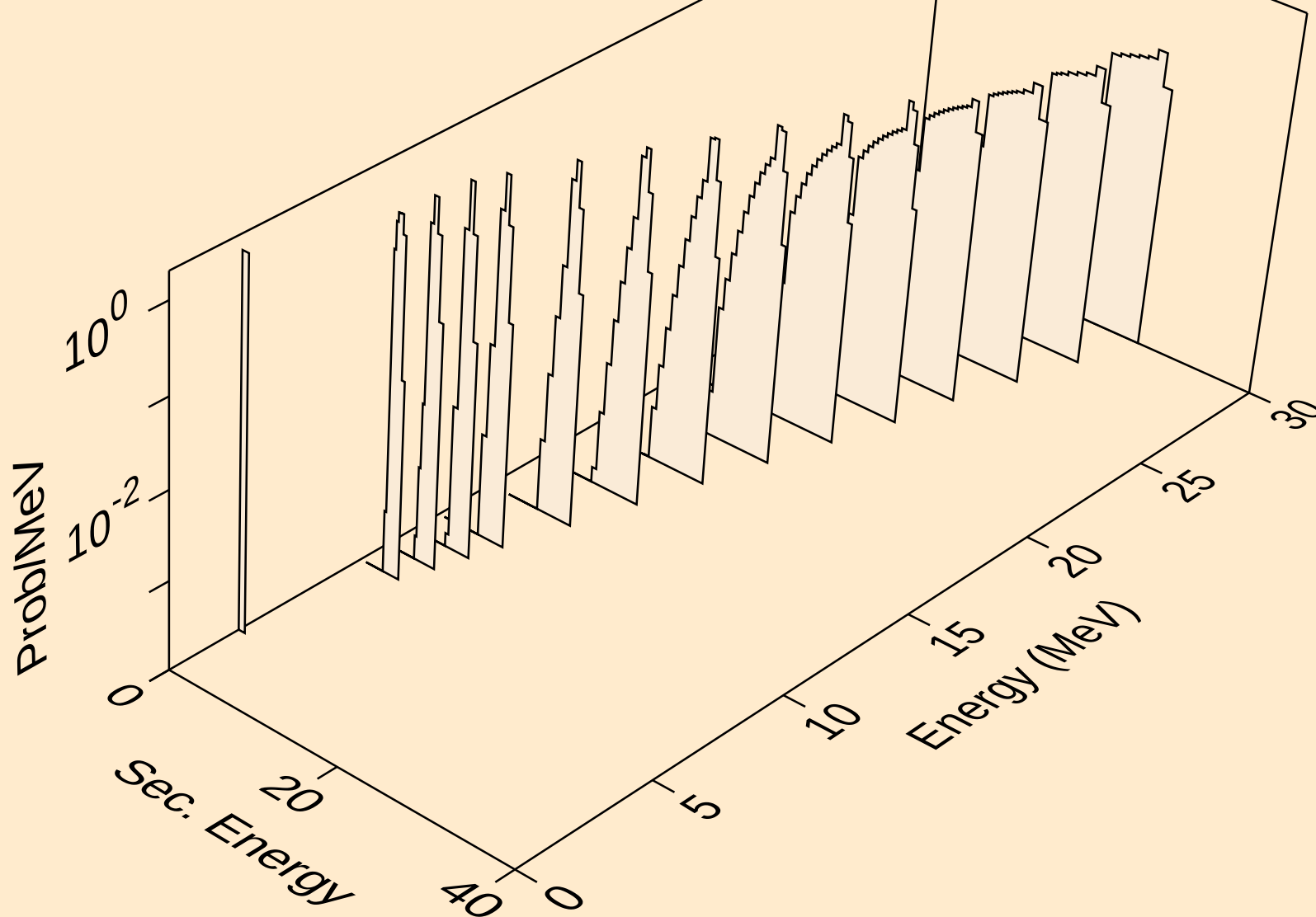
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,2nd)



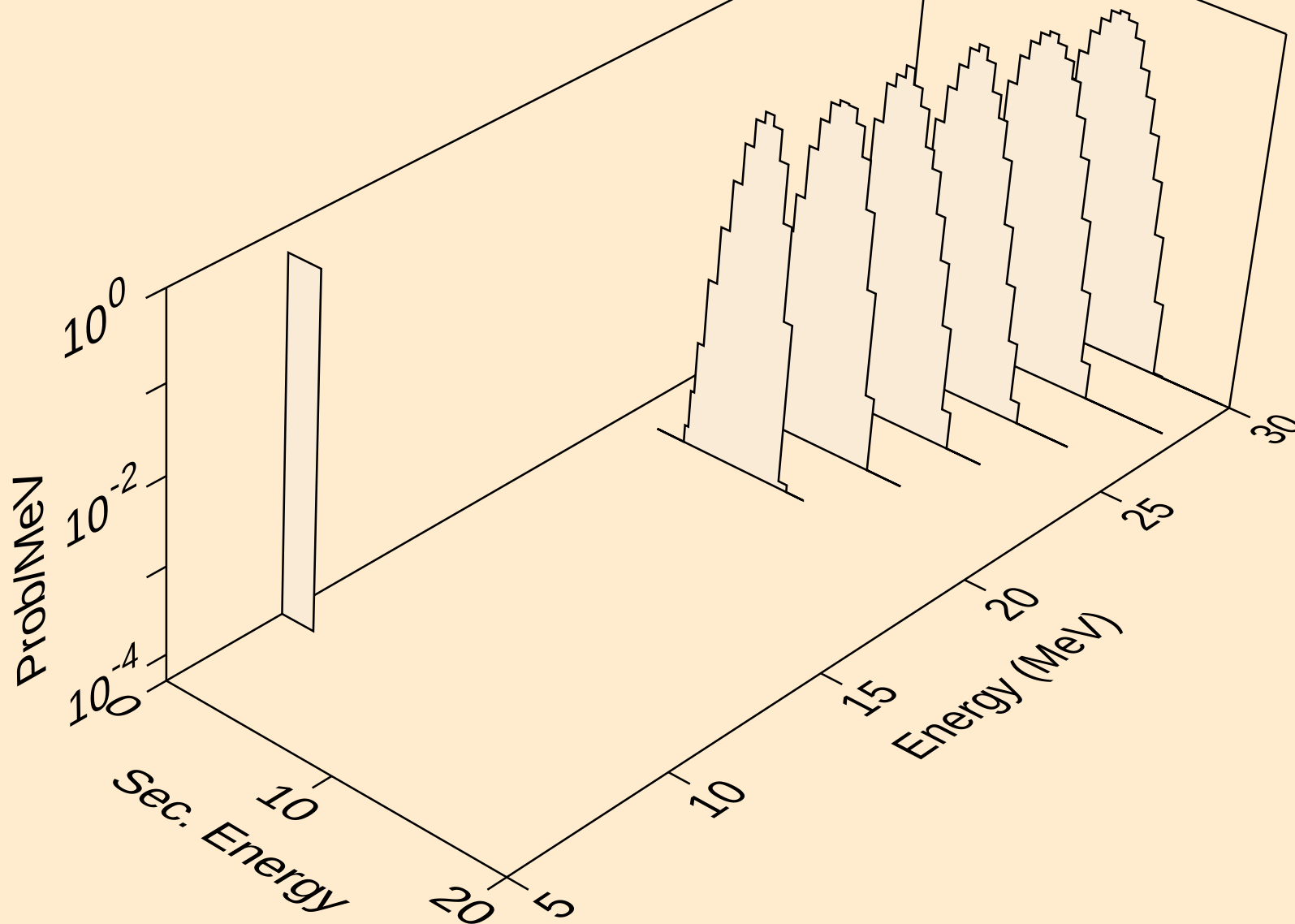
PA238 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
deuterons from $(p,n^*)d$



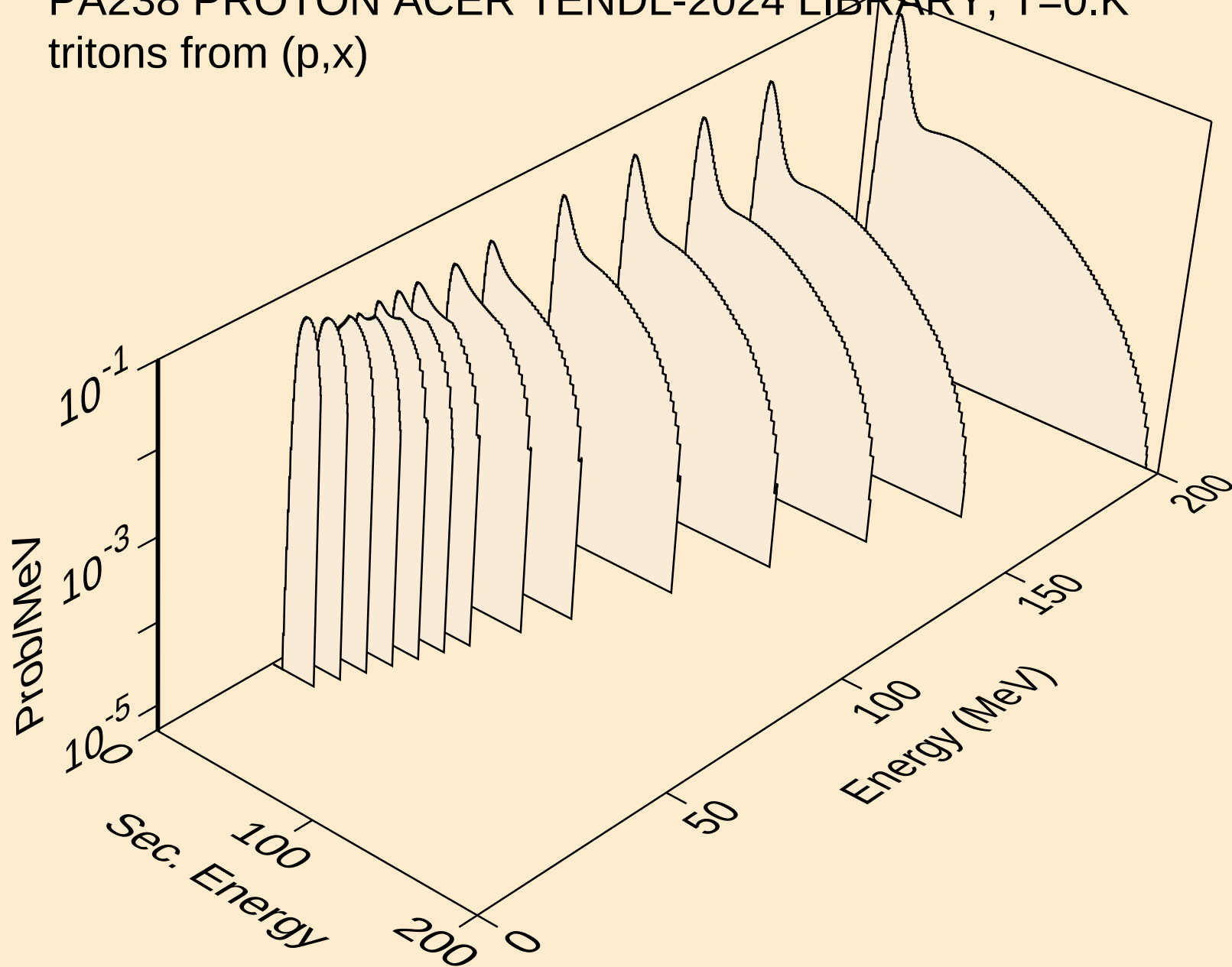
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,d)



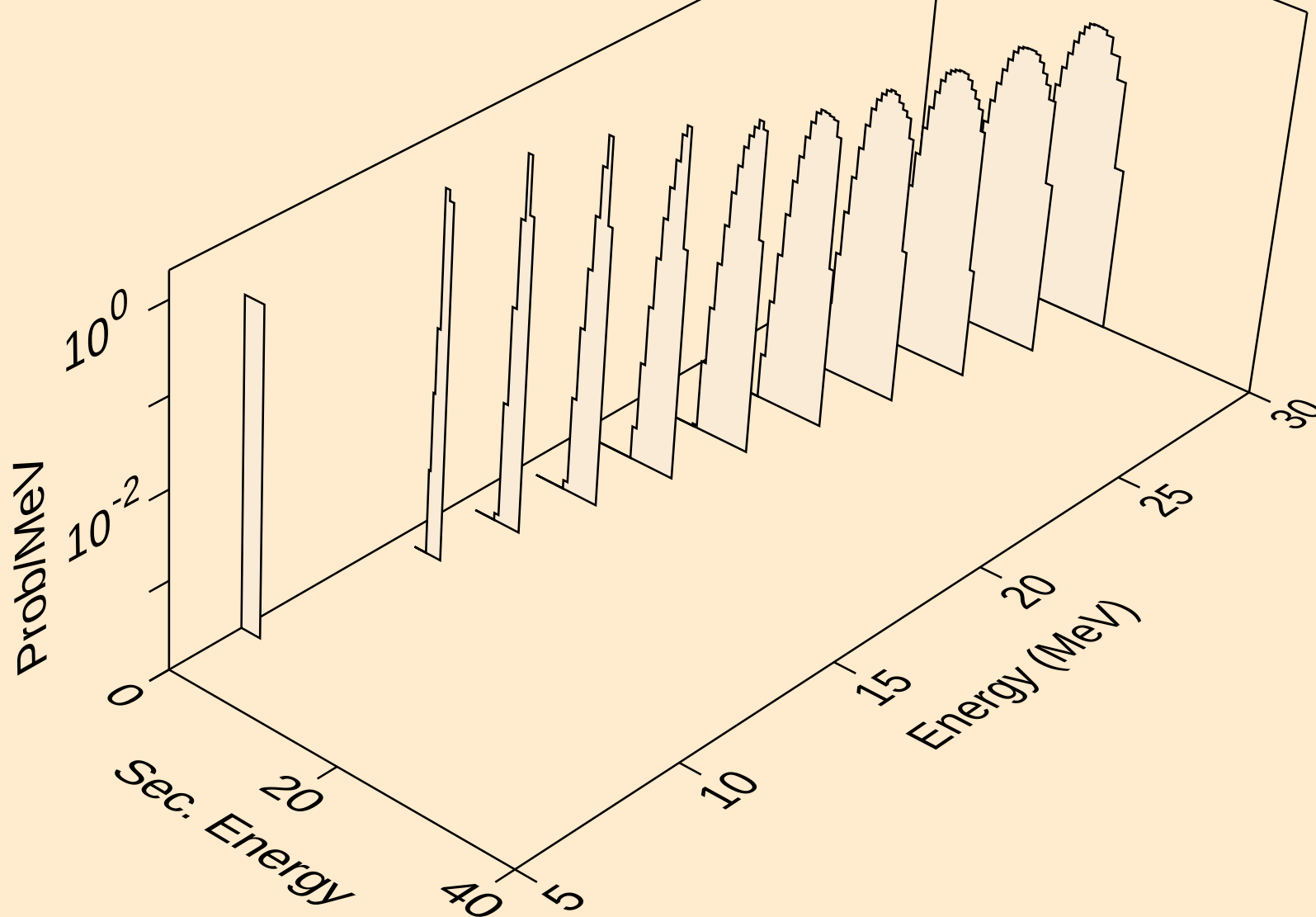
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,pd)



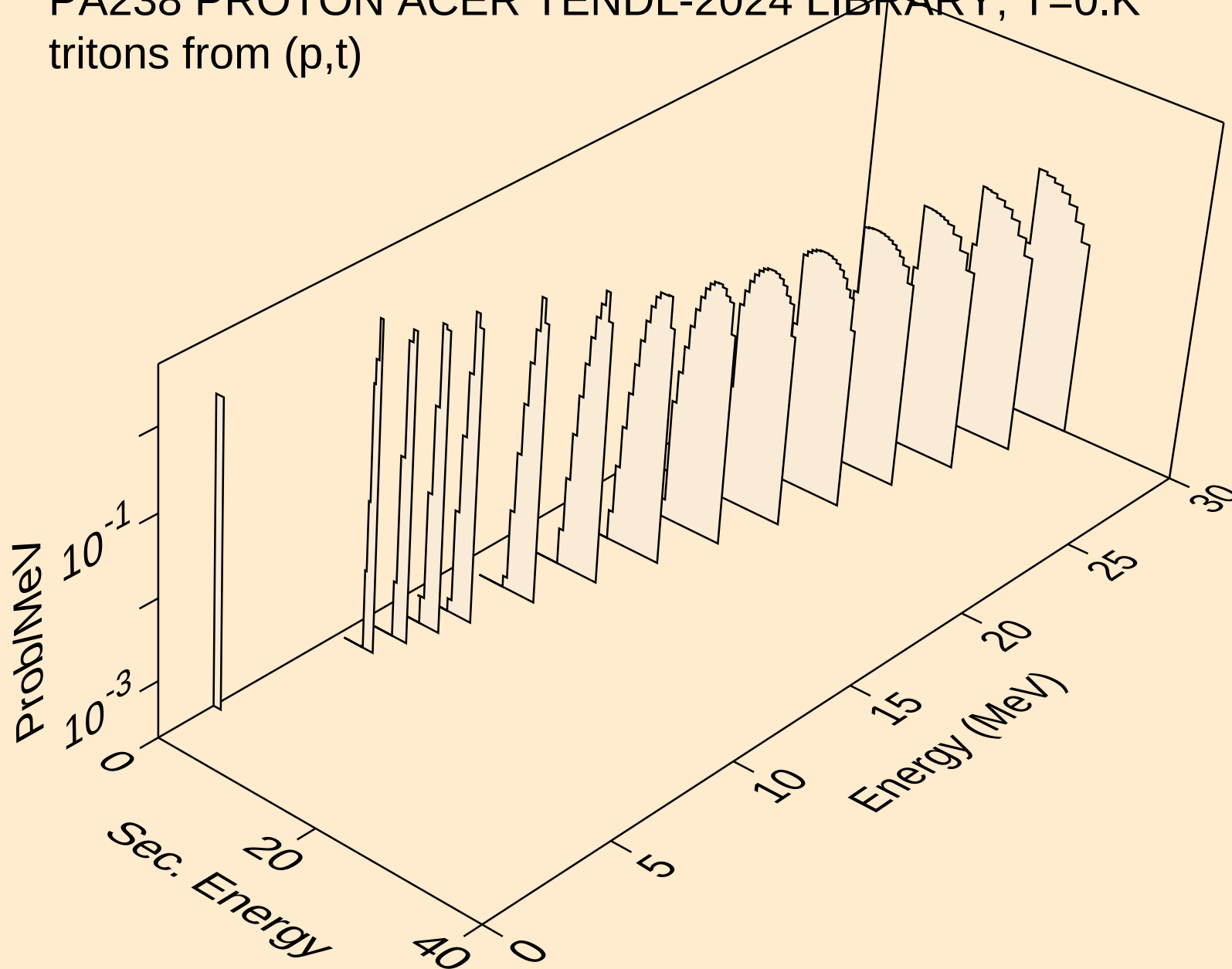
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,x)



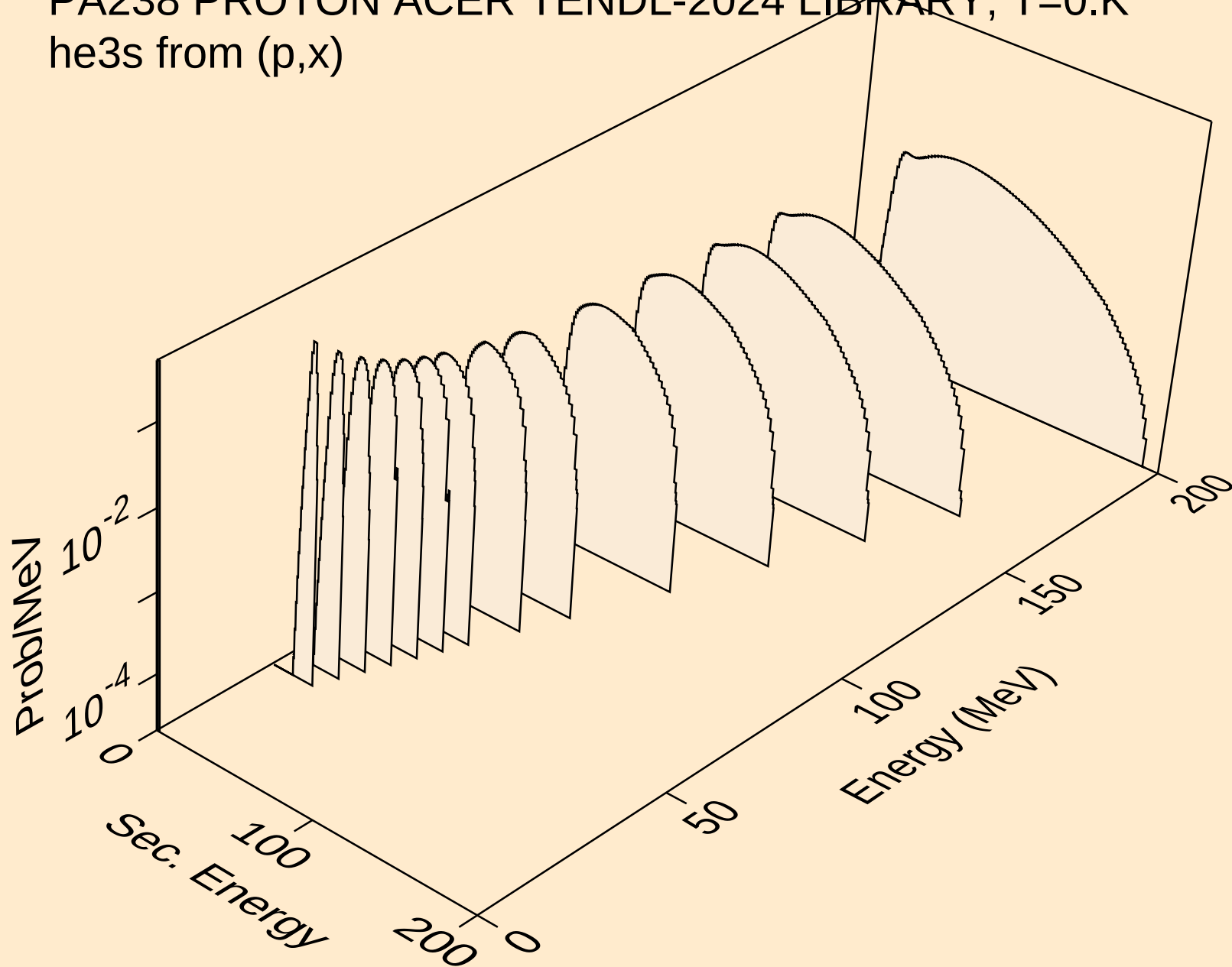
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,n*)t



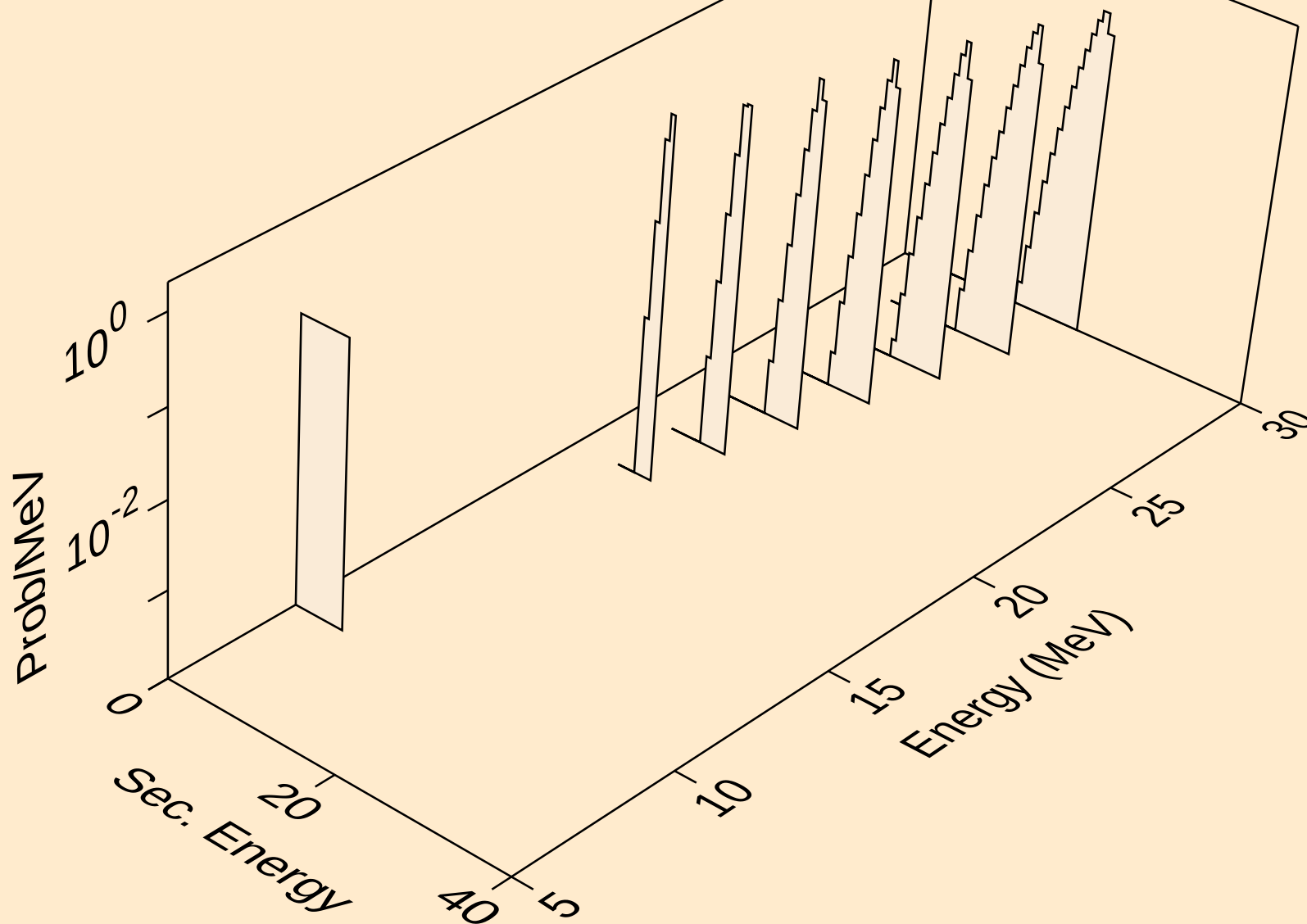
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,t)



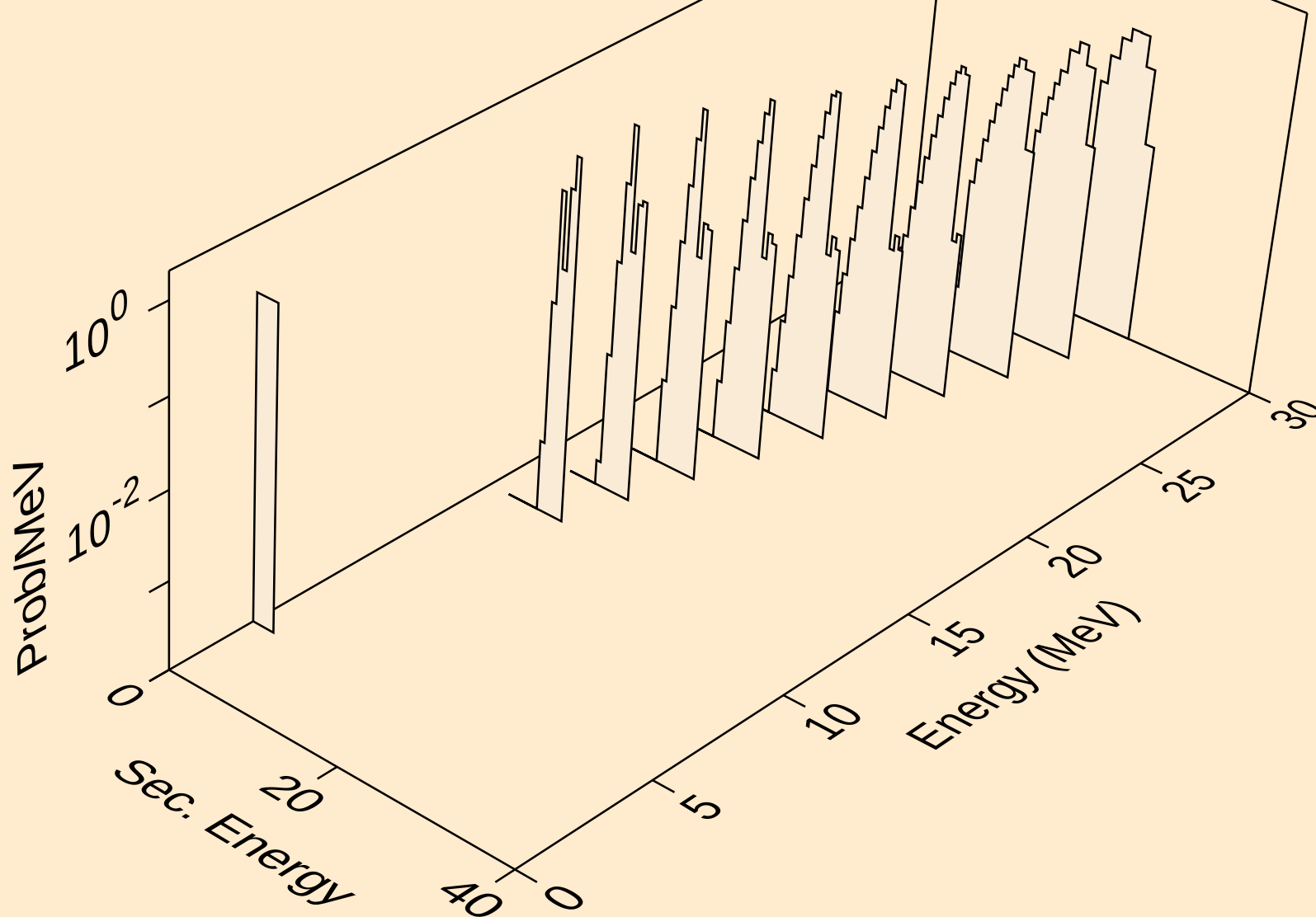
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,x)



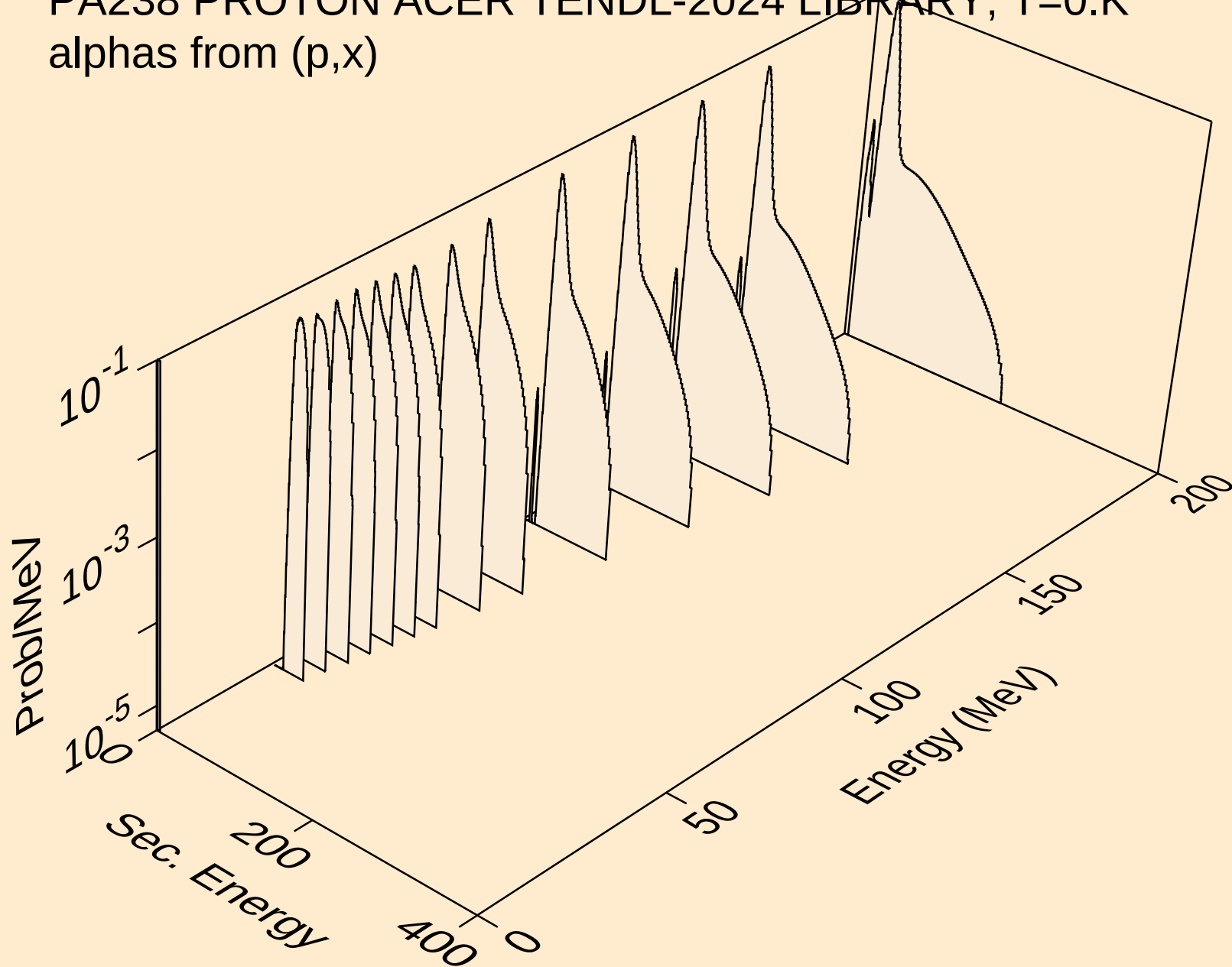
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,n*)he3



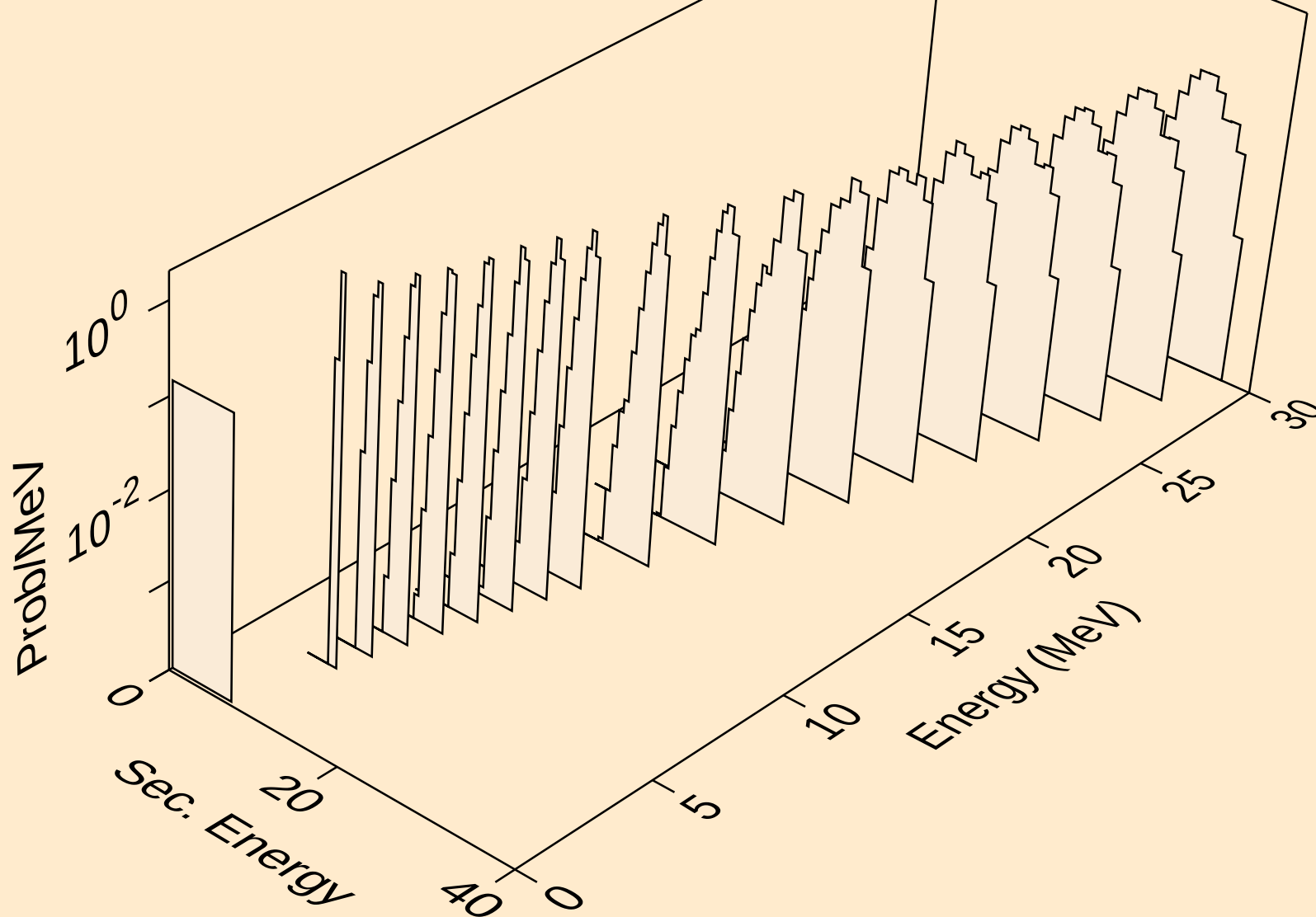
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,he3)



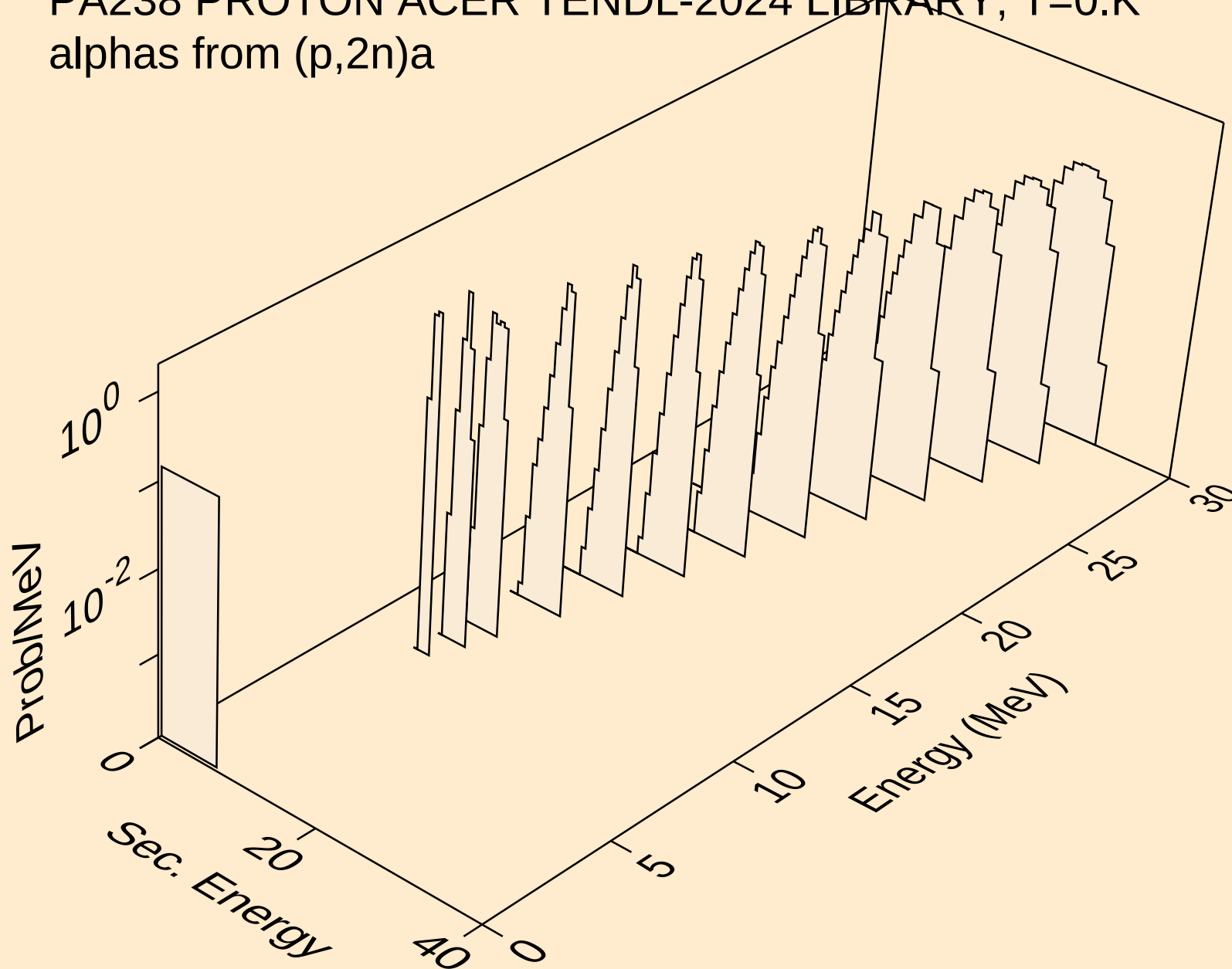
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,x)



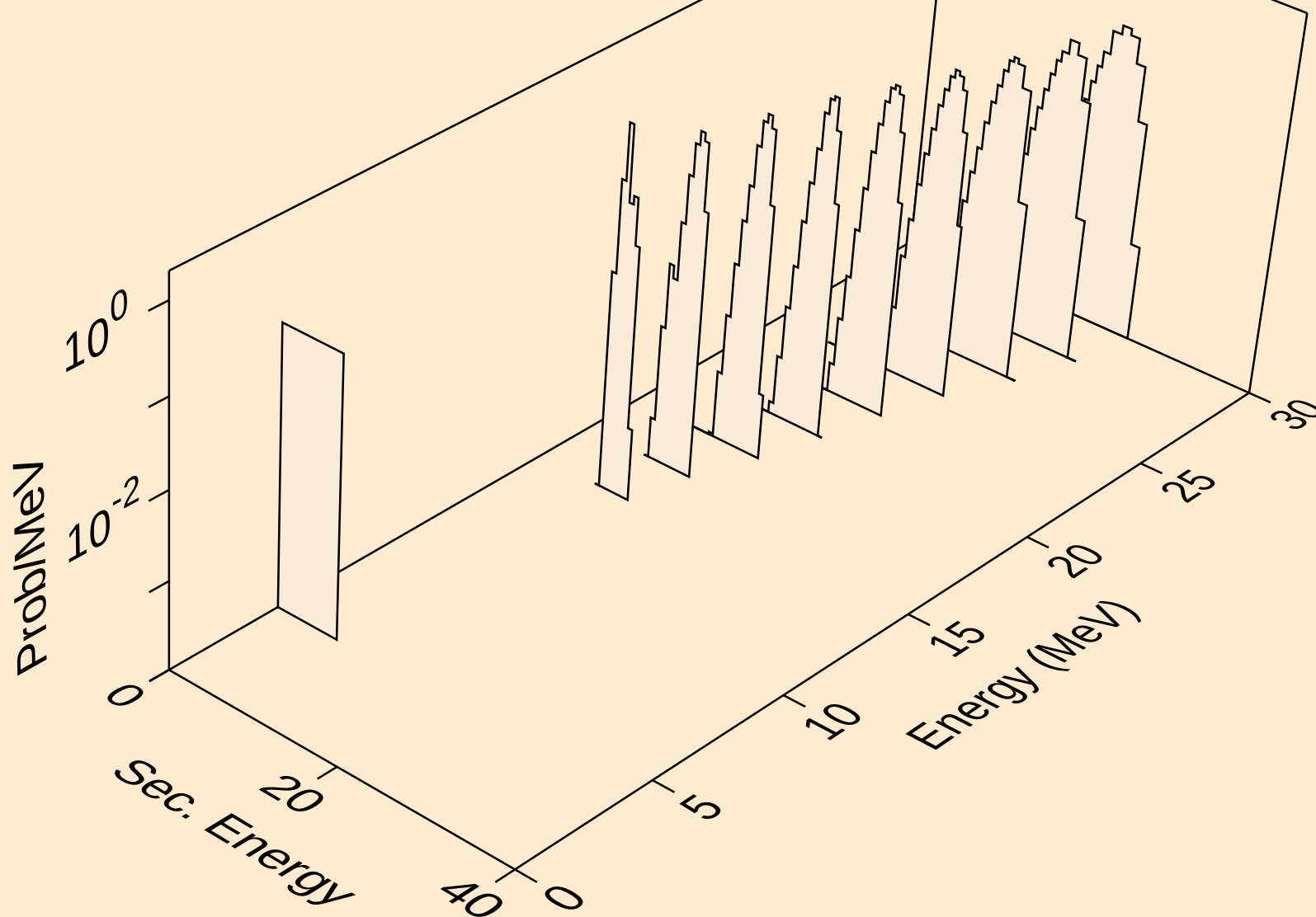
PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)a



PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2n)a



PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,3n)a



PA238 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,a)

