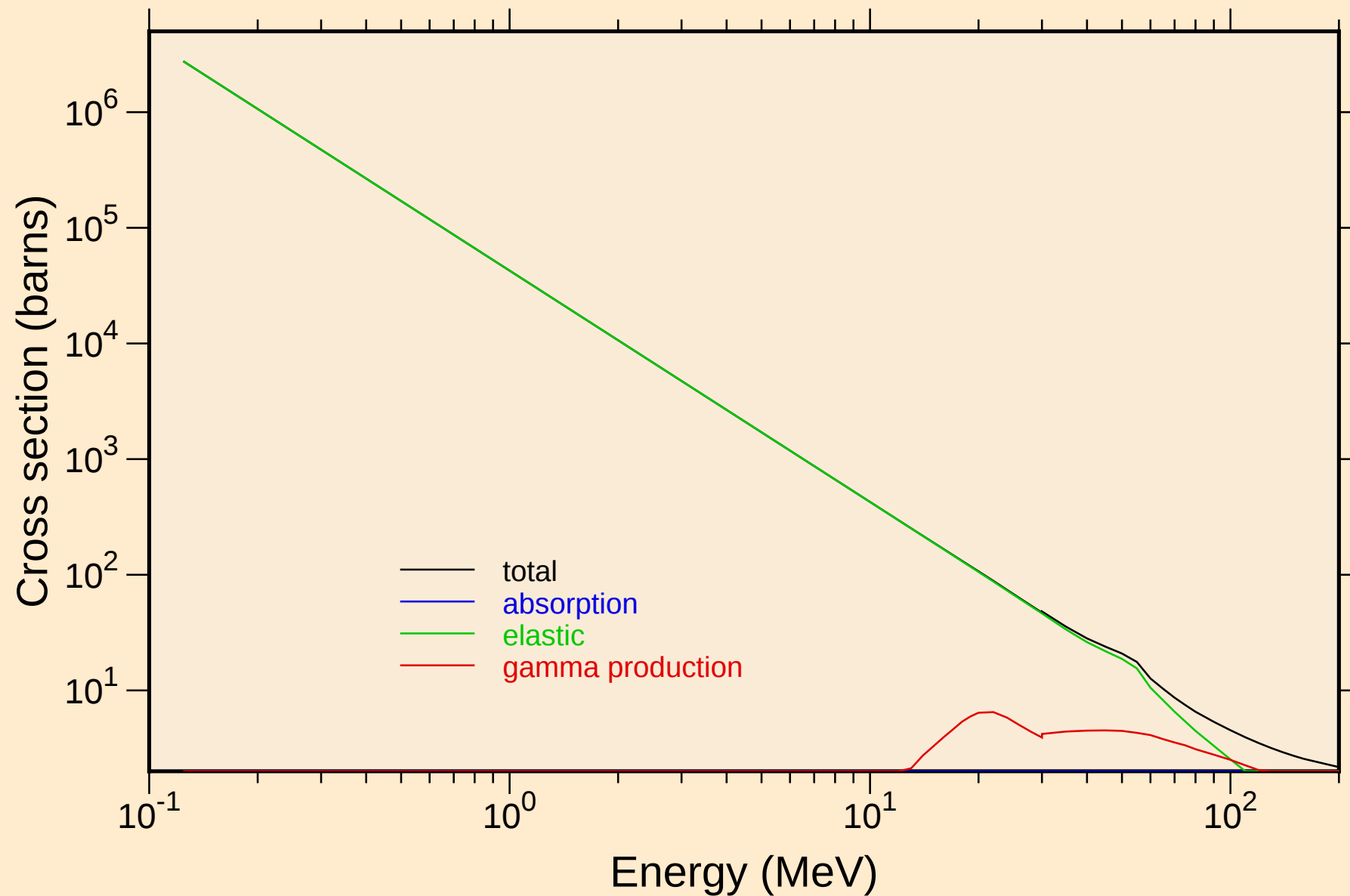


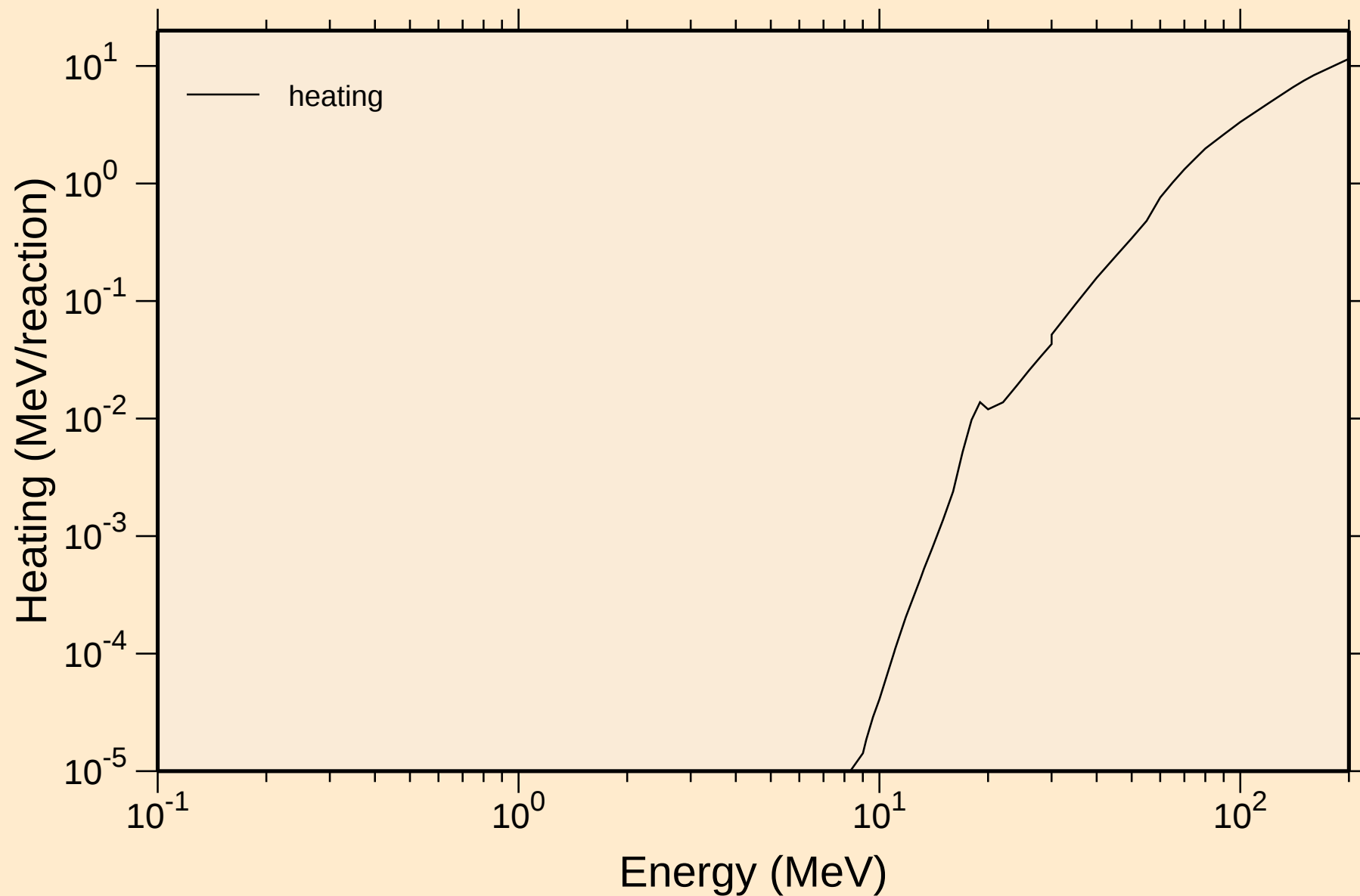
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



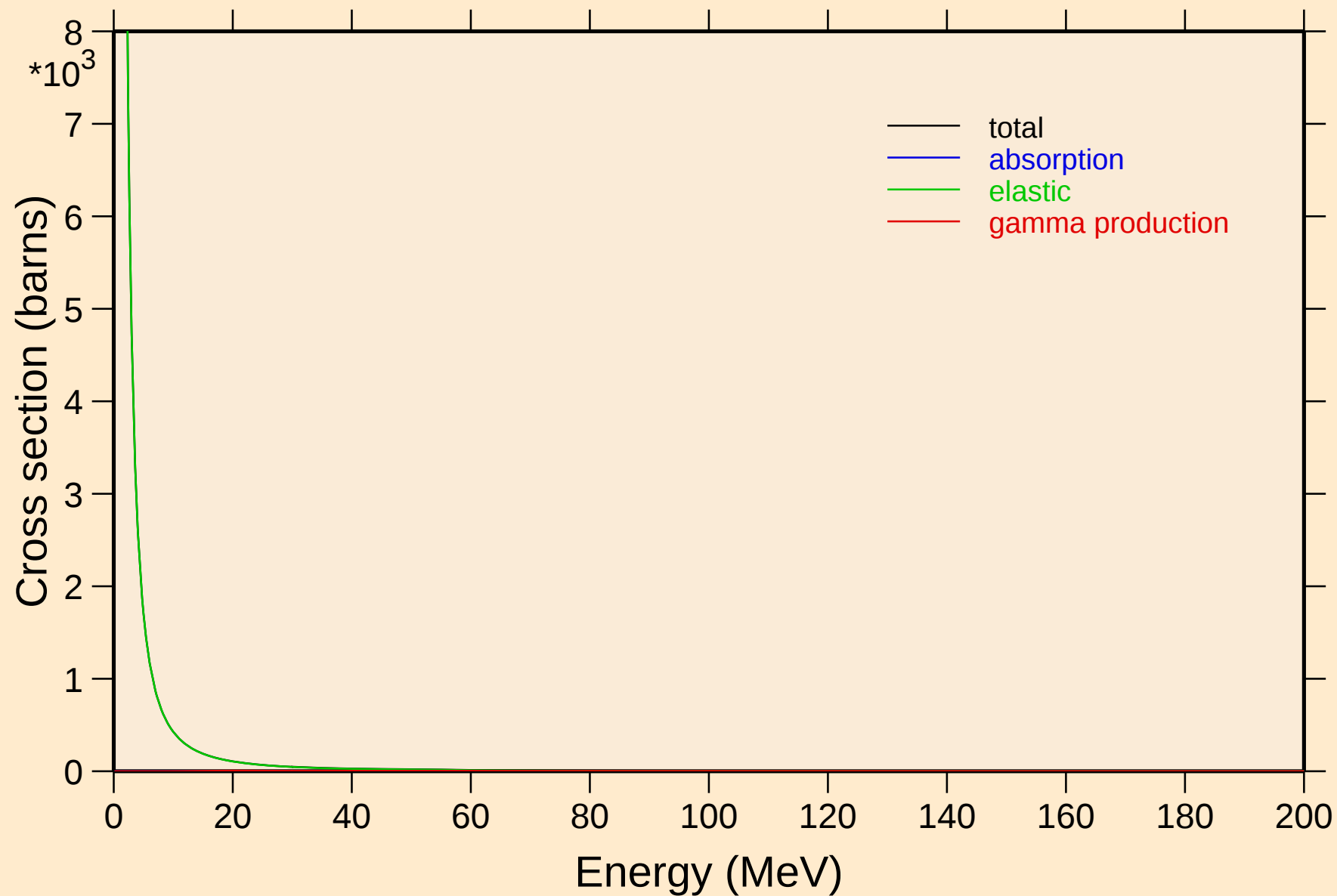
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



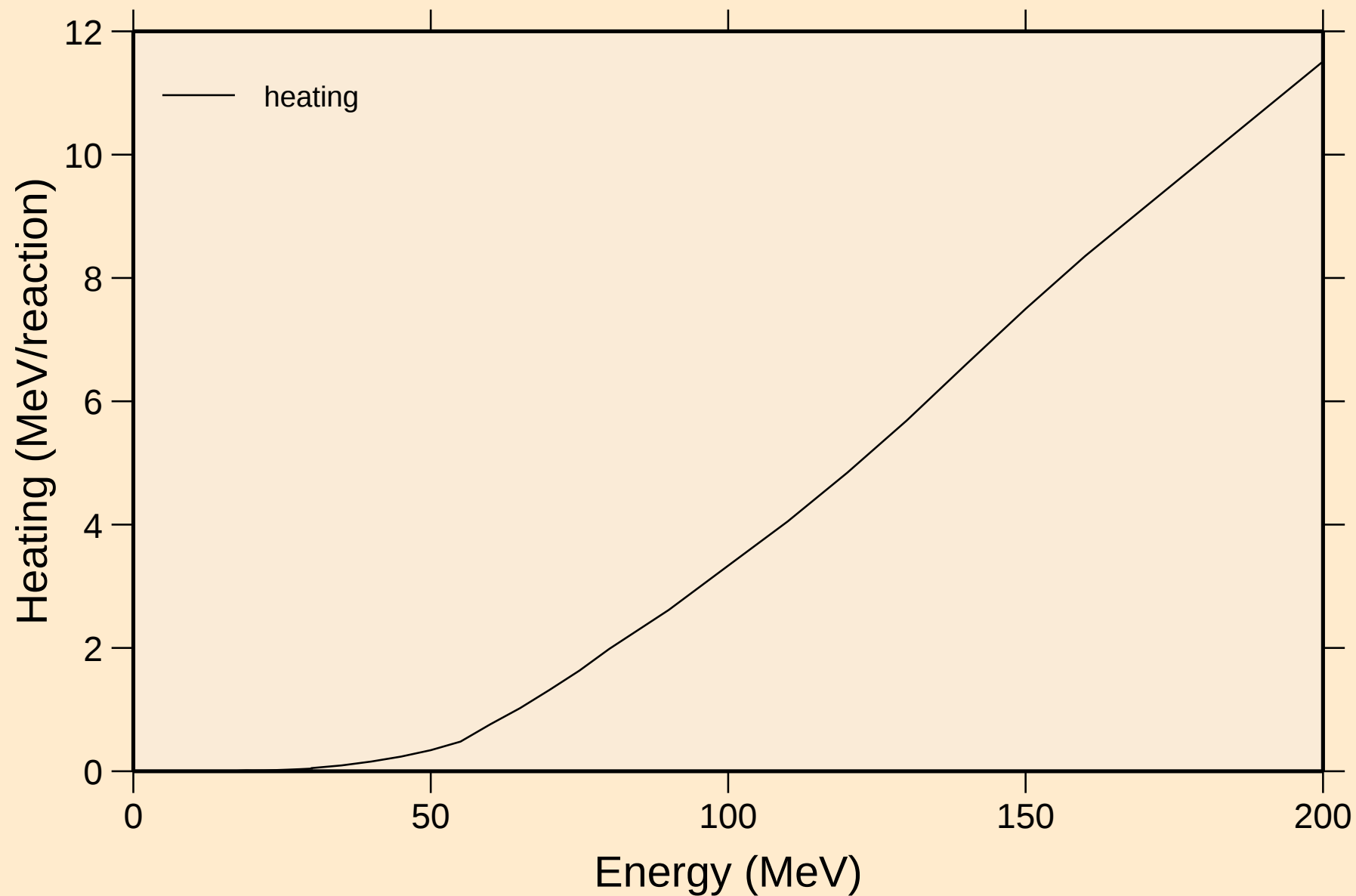
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



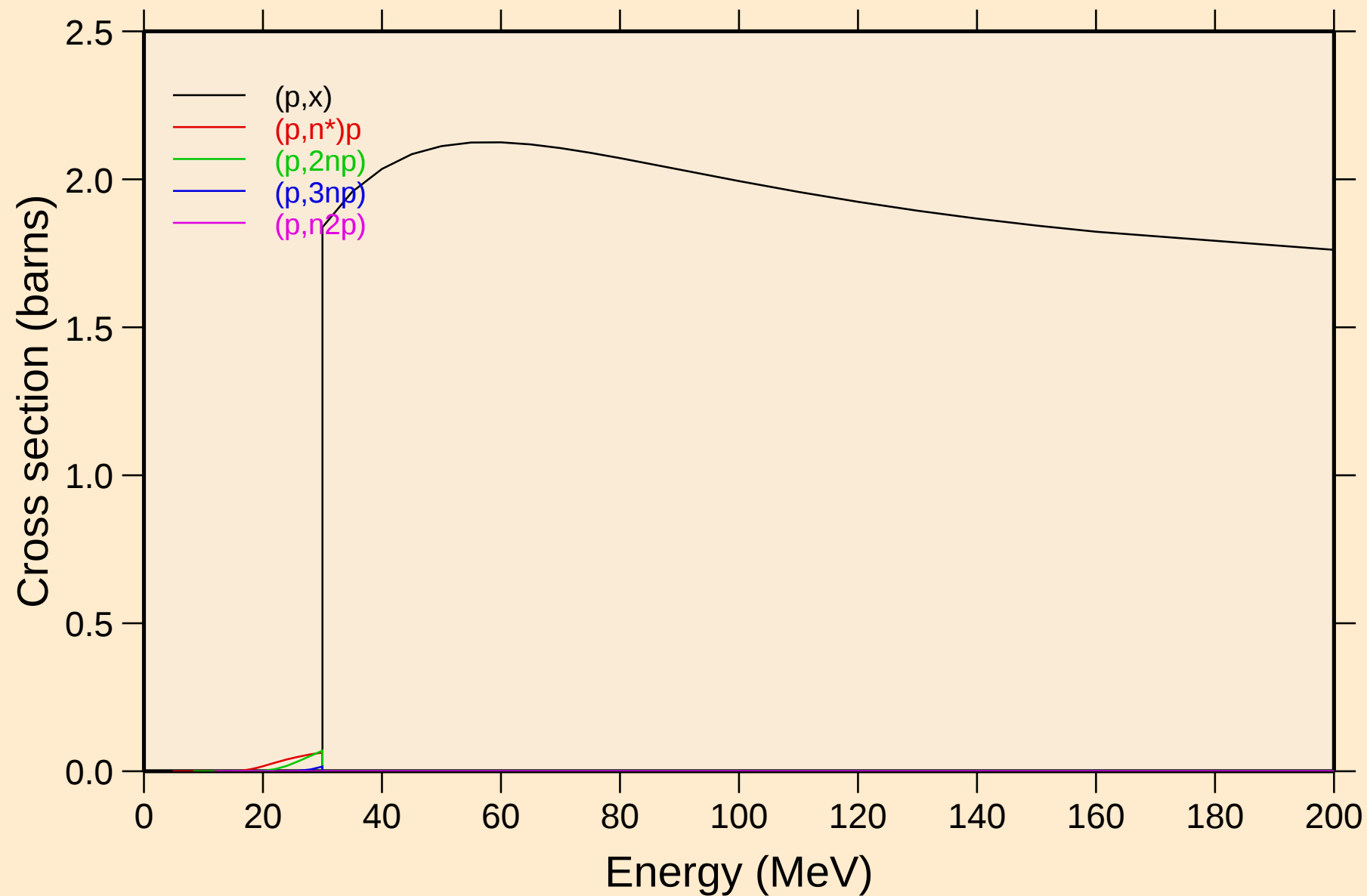
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



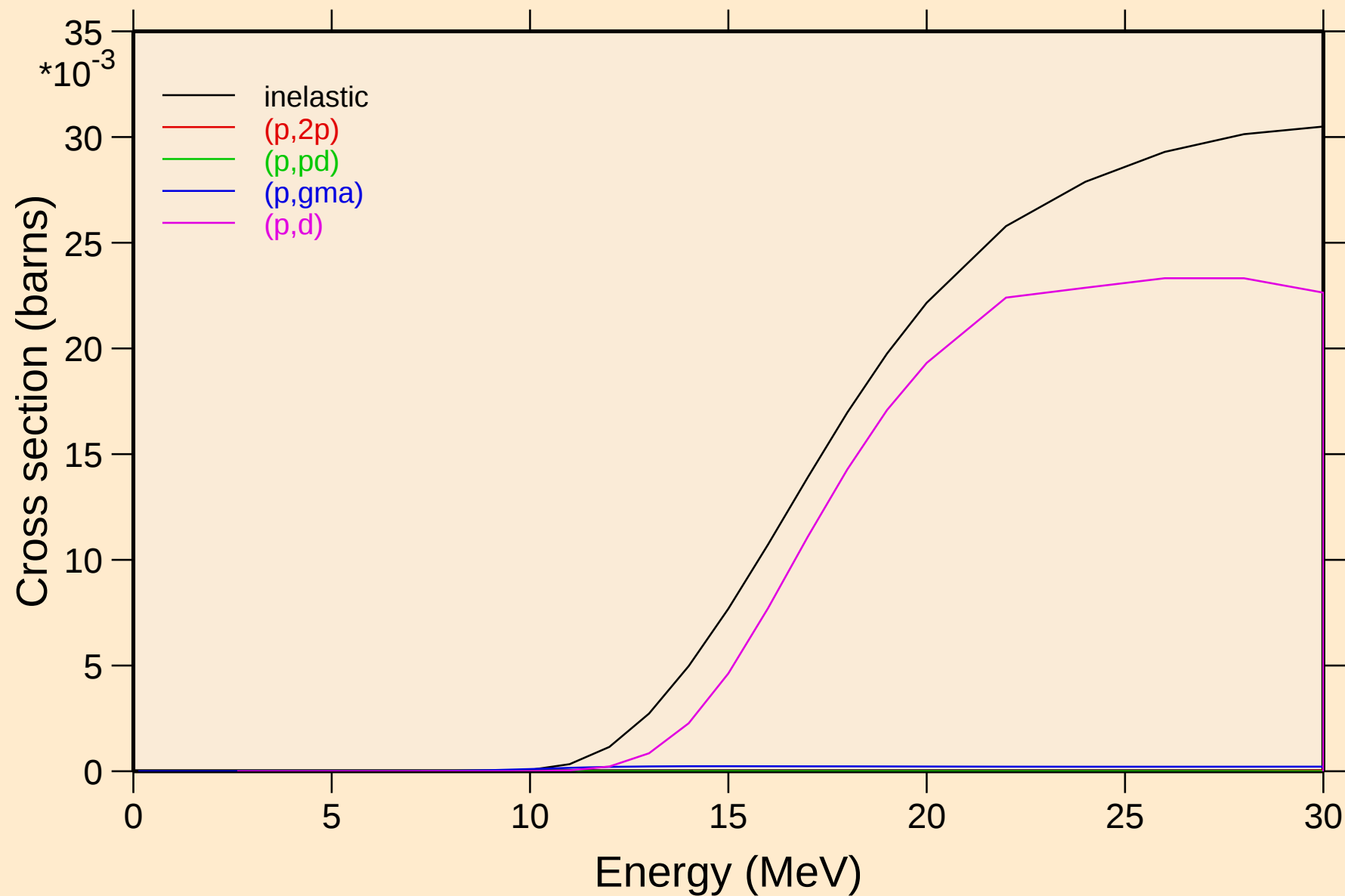
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



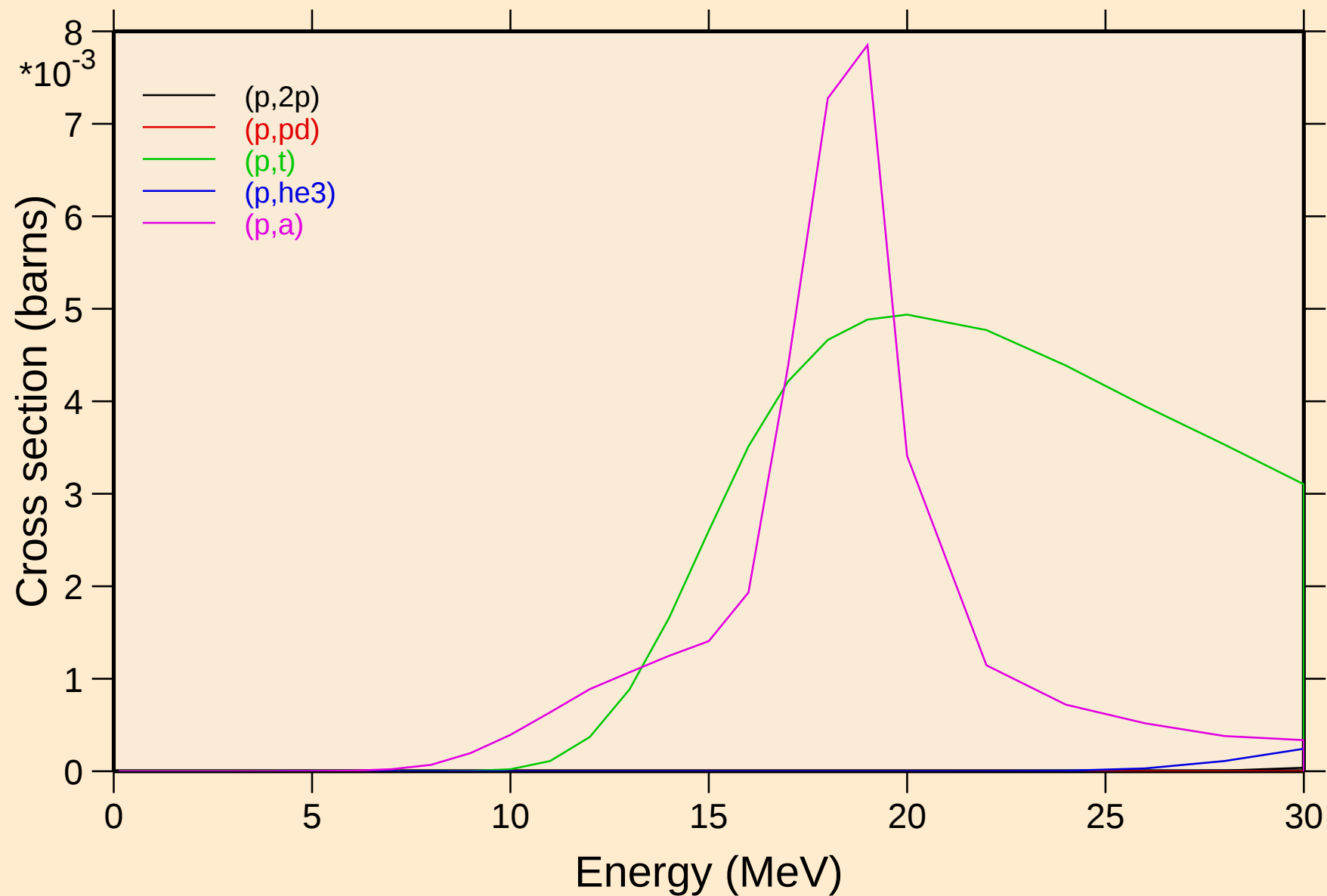
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



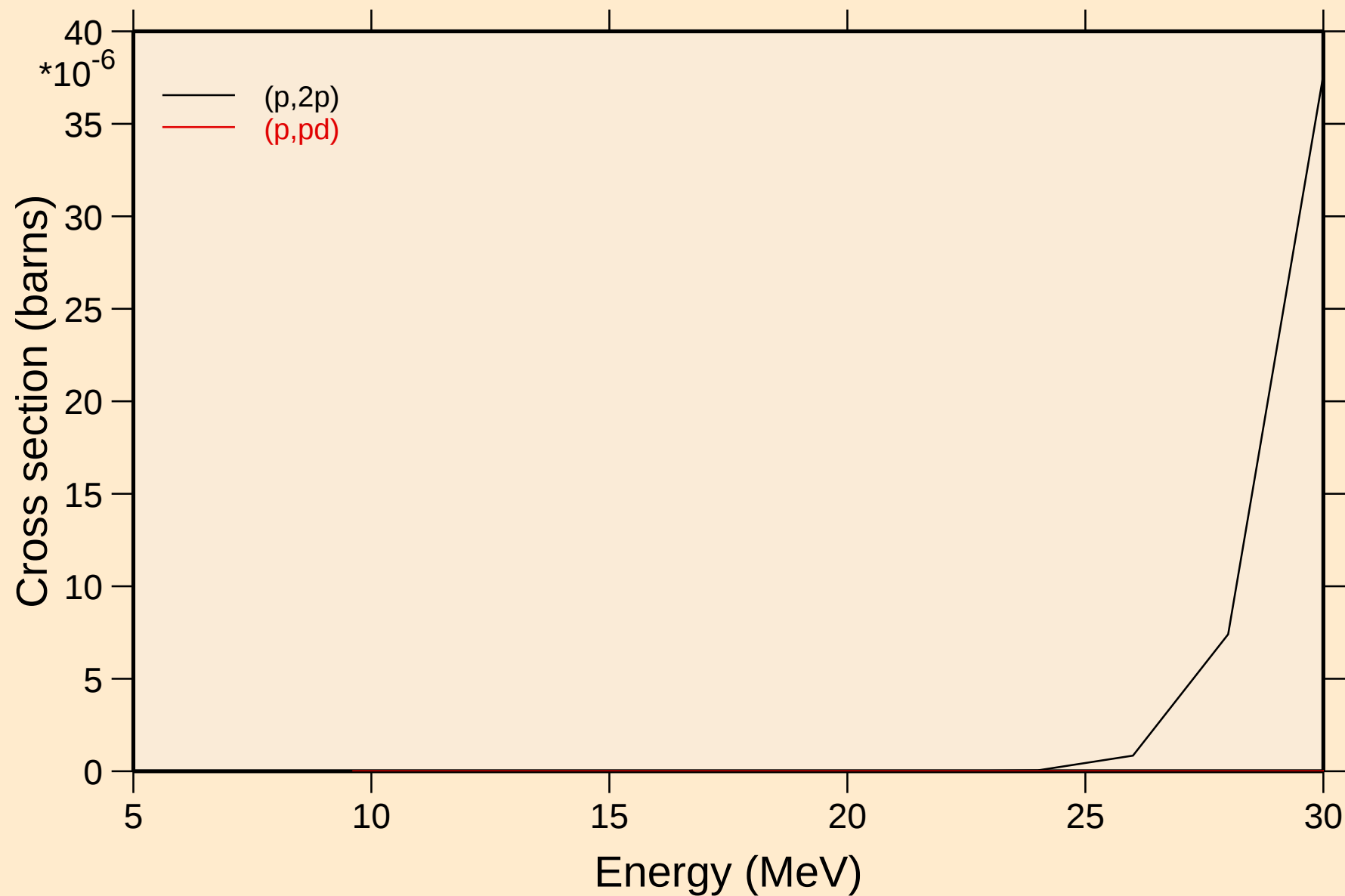
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

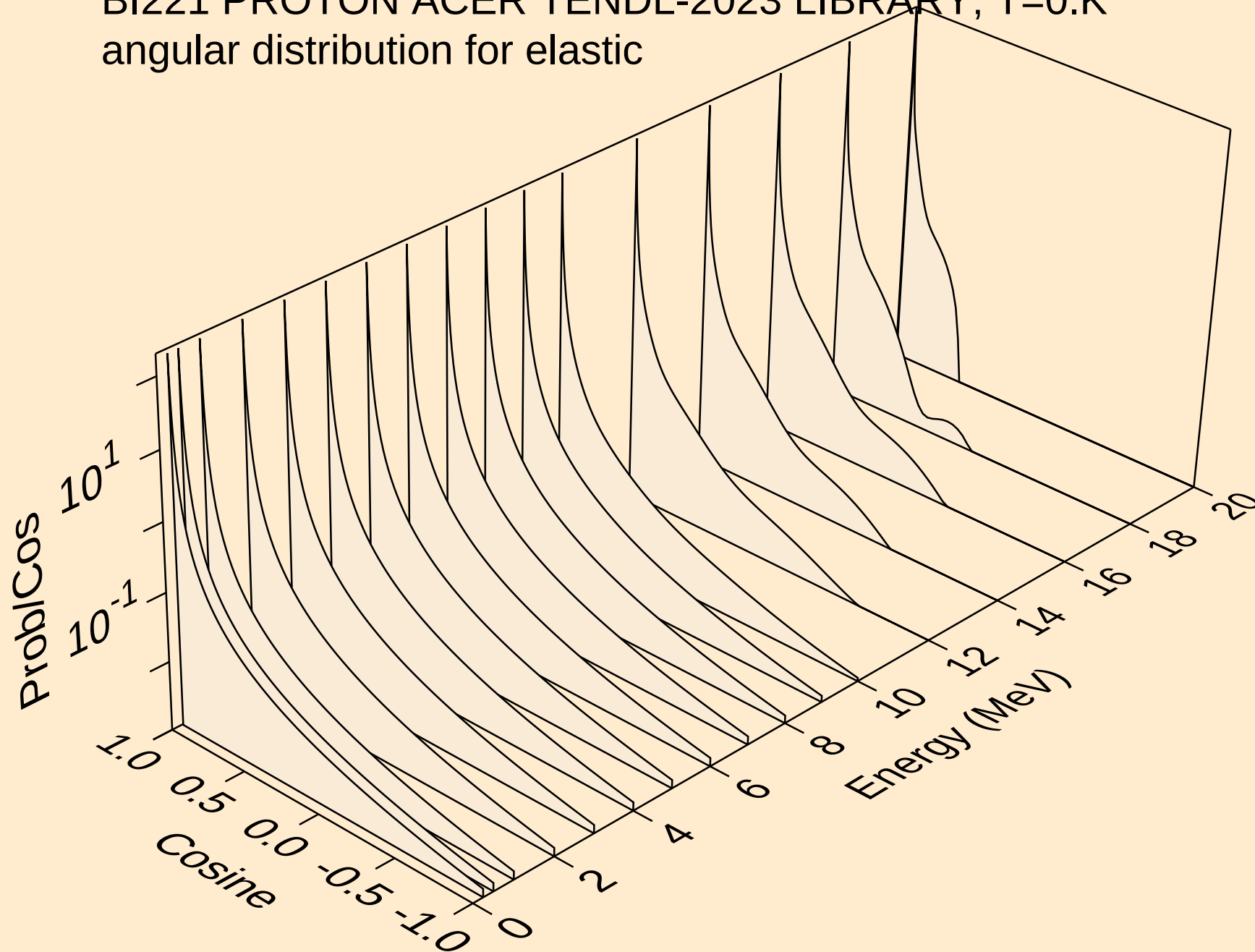


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

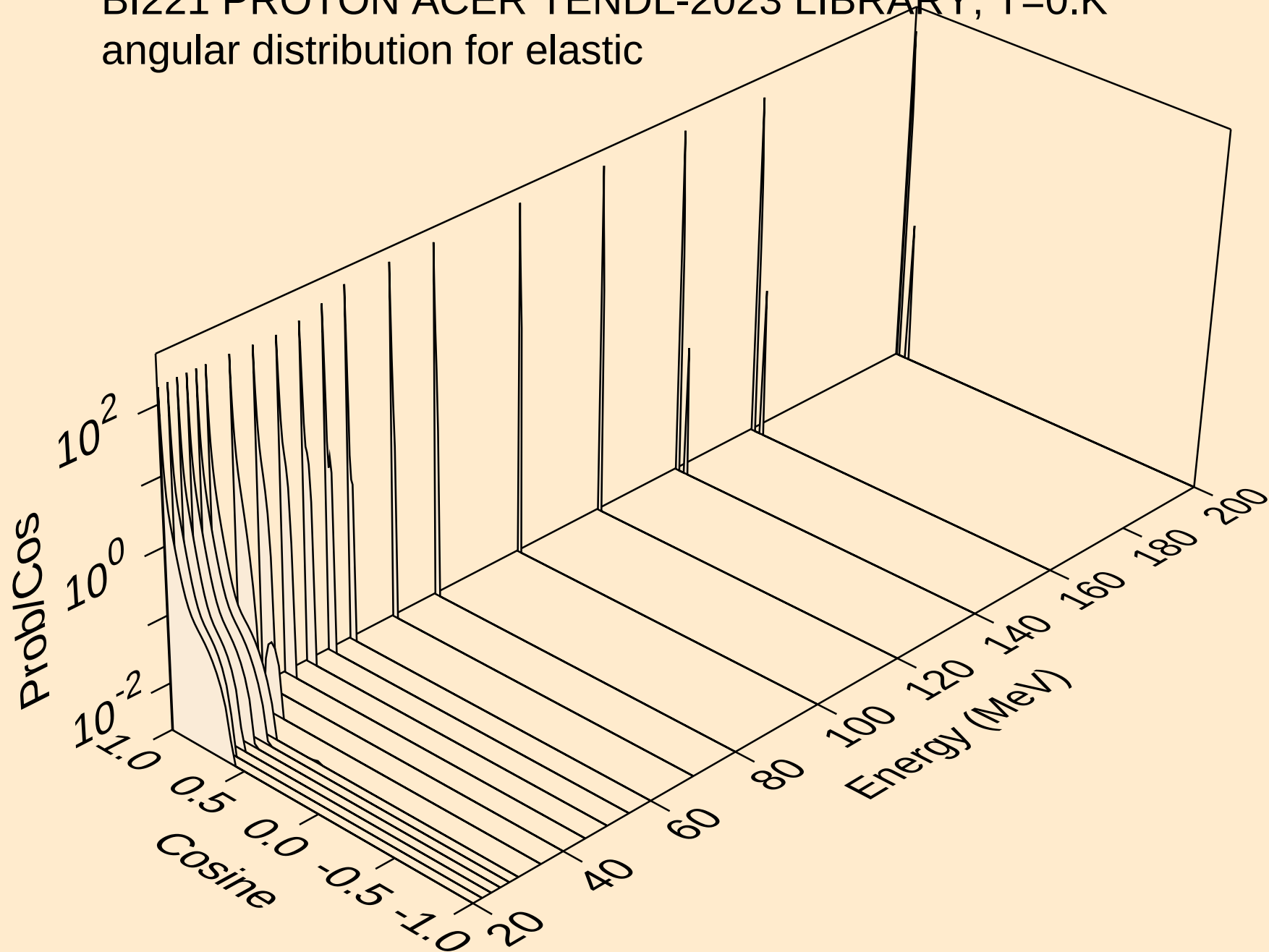
Threshold reactions



BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

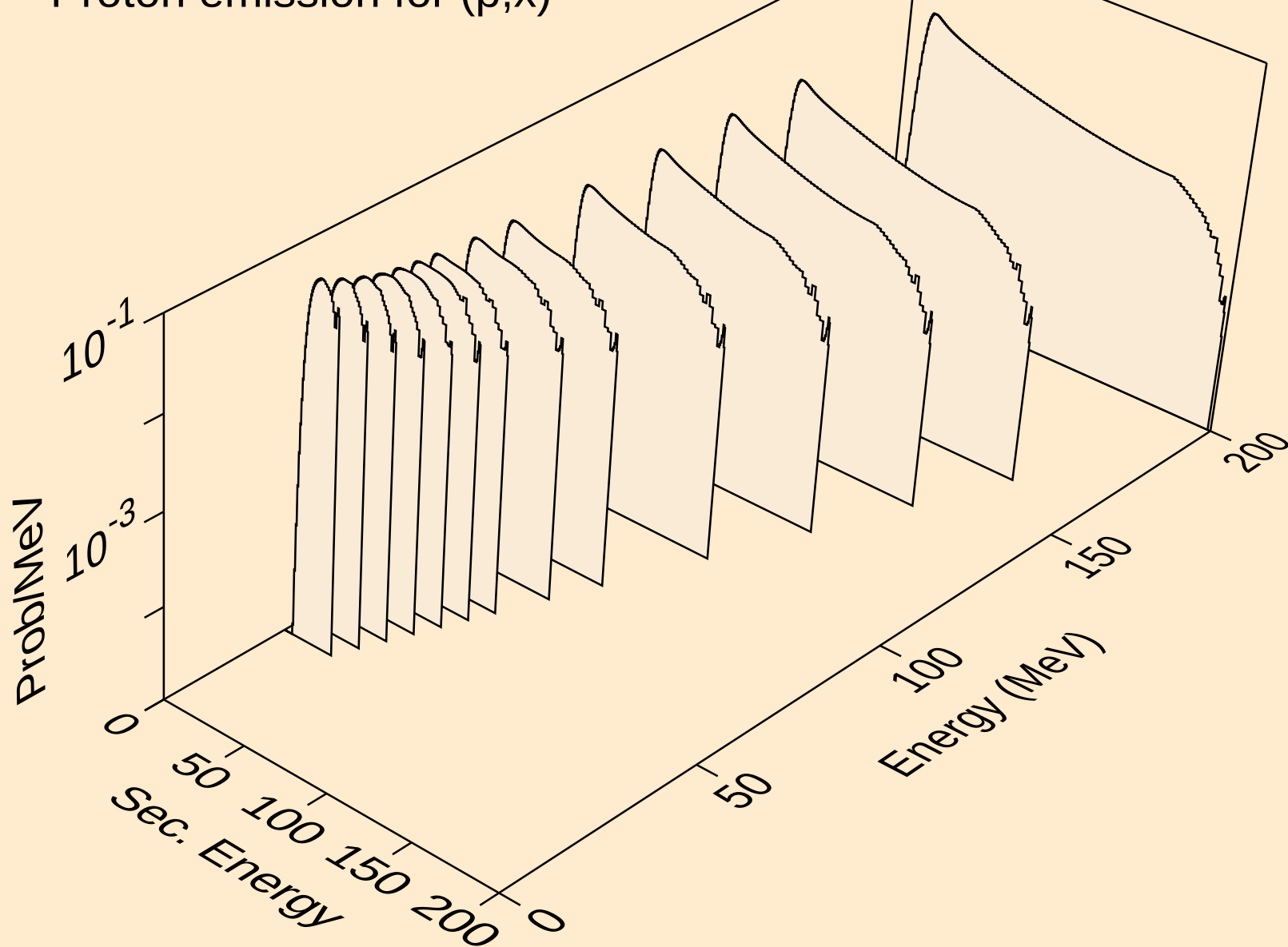


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



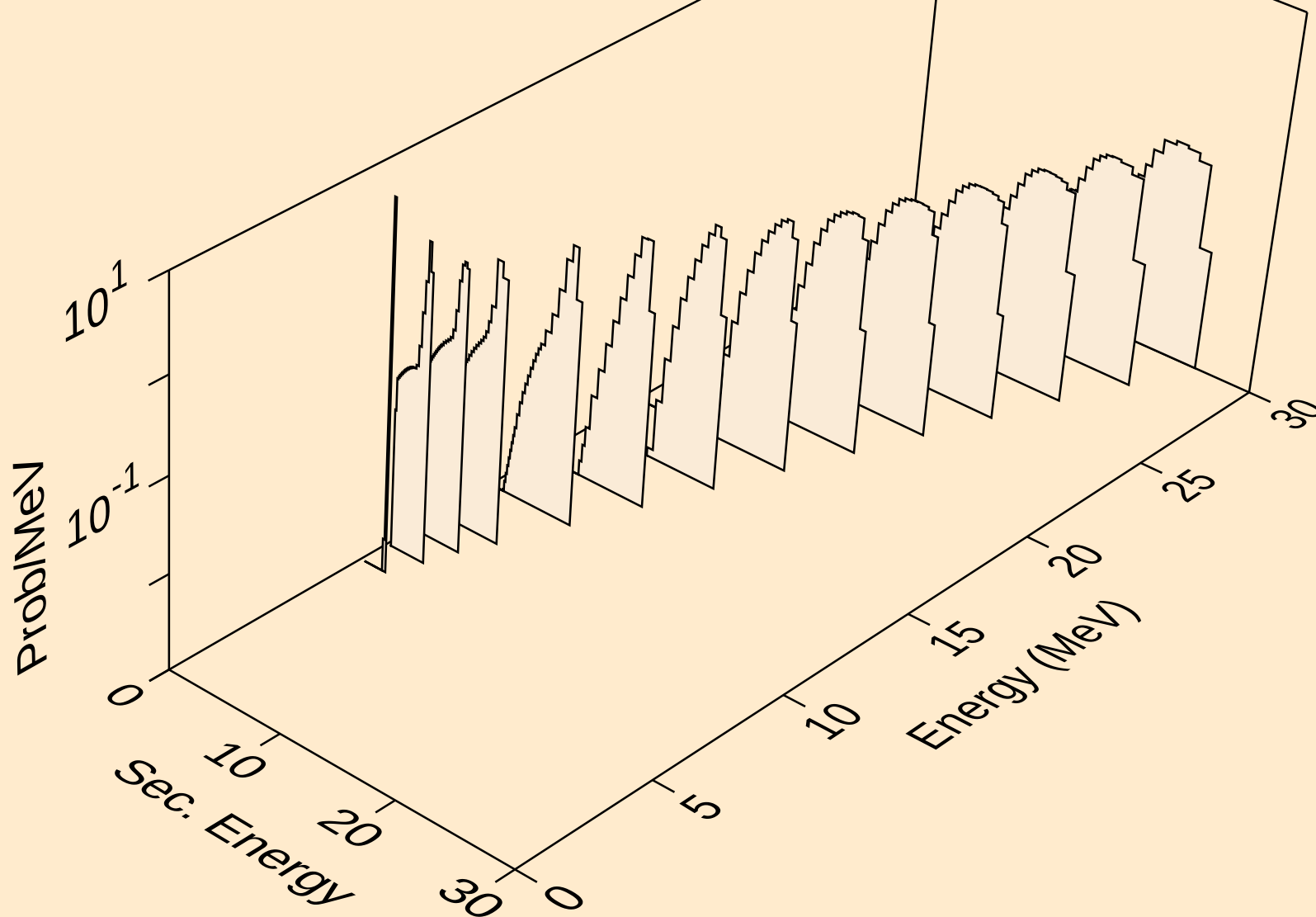
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,x)

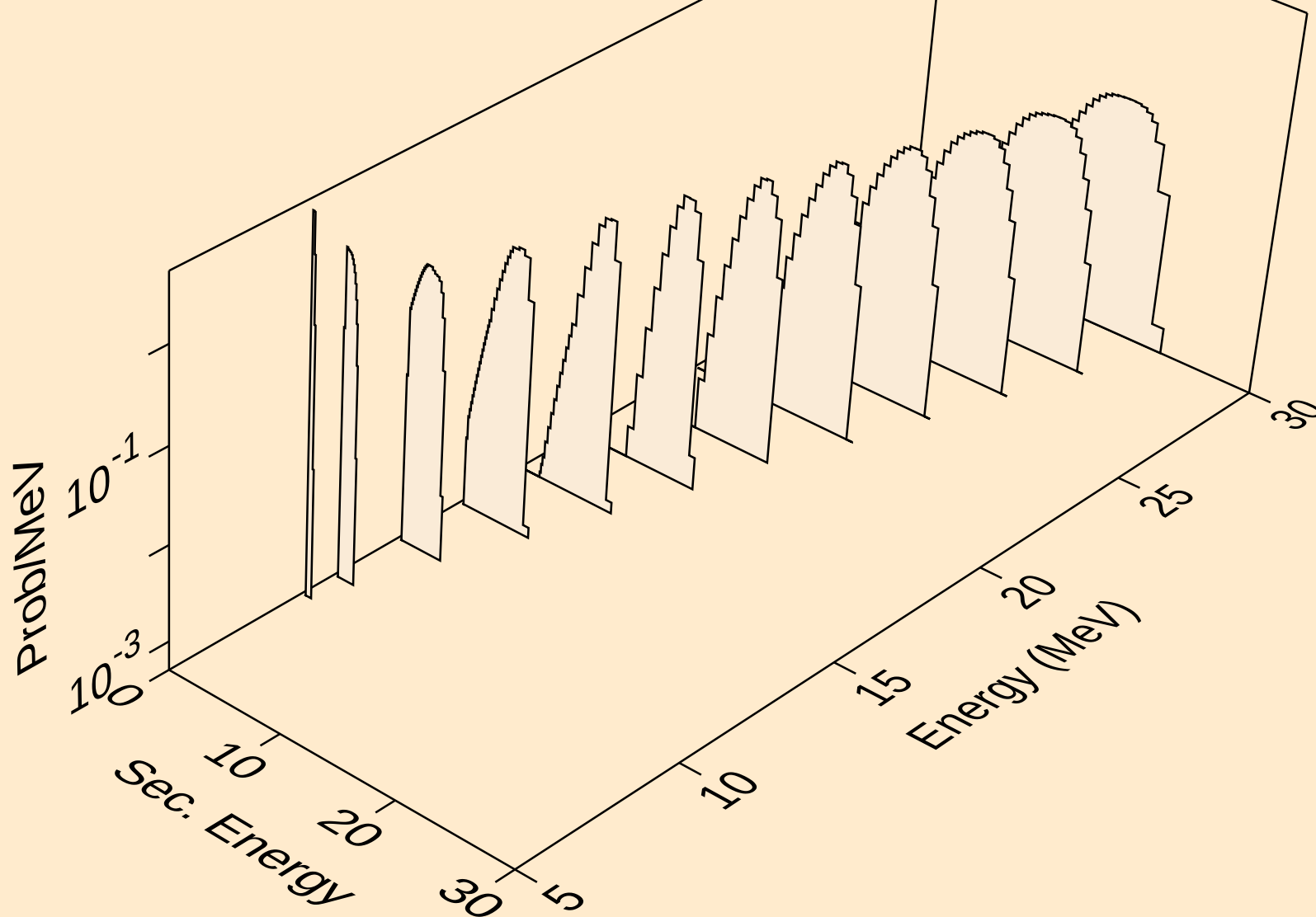


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

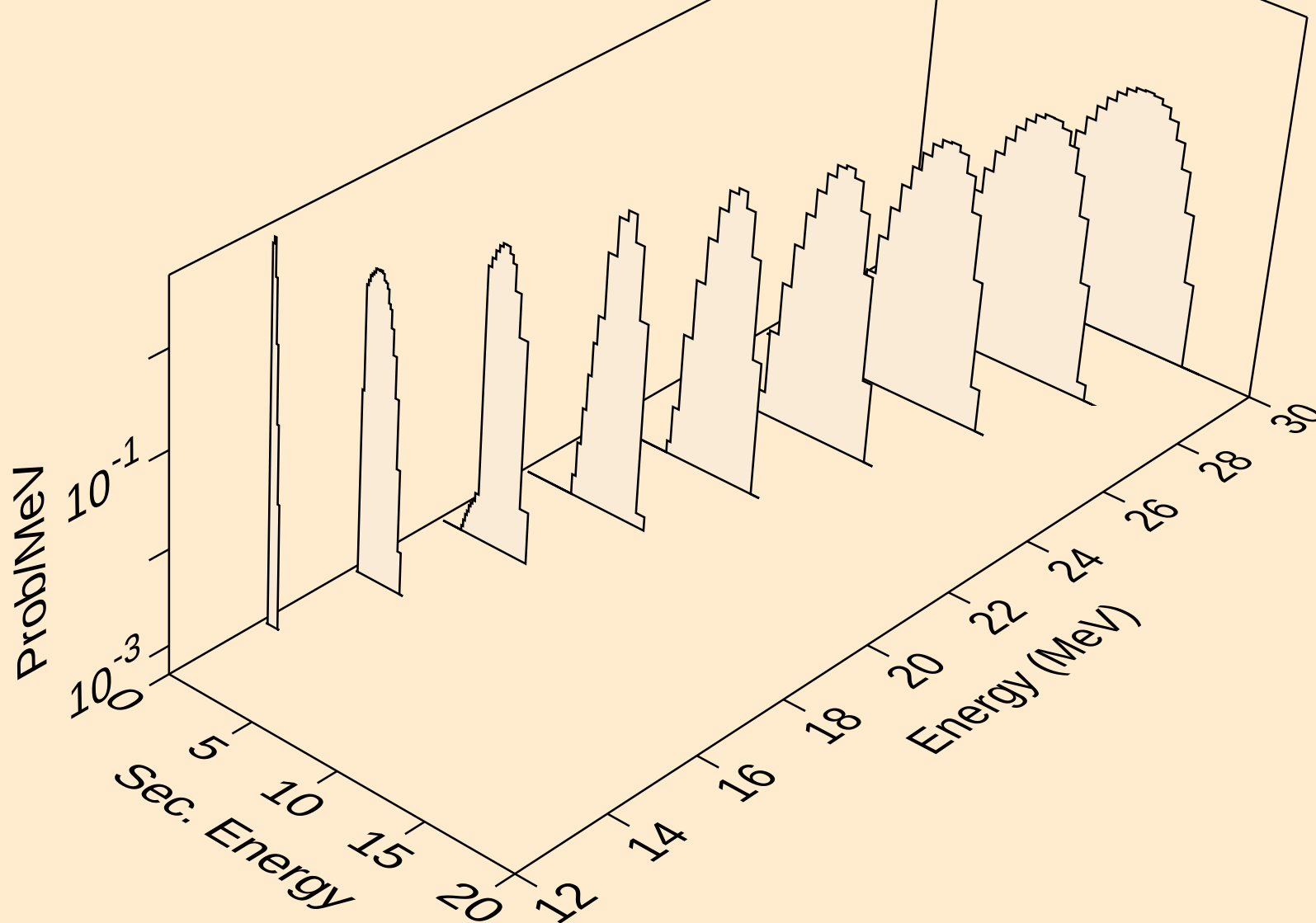
Proton emission for $(p,n^*)p$



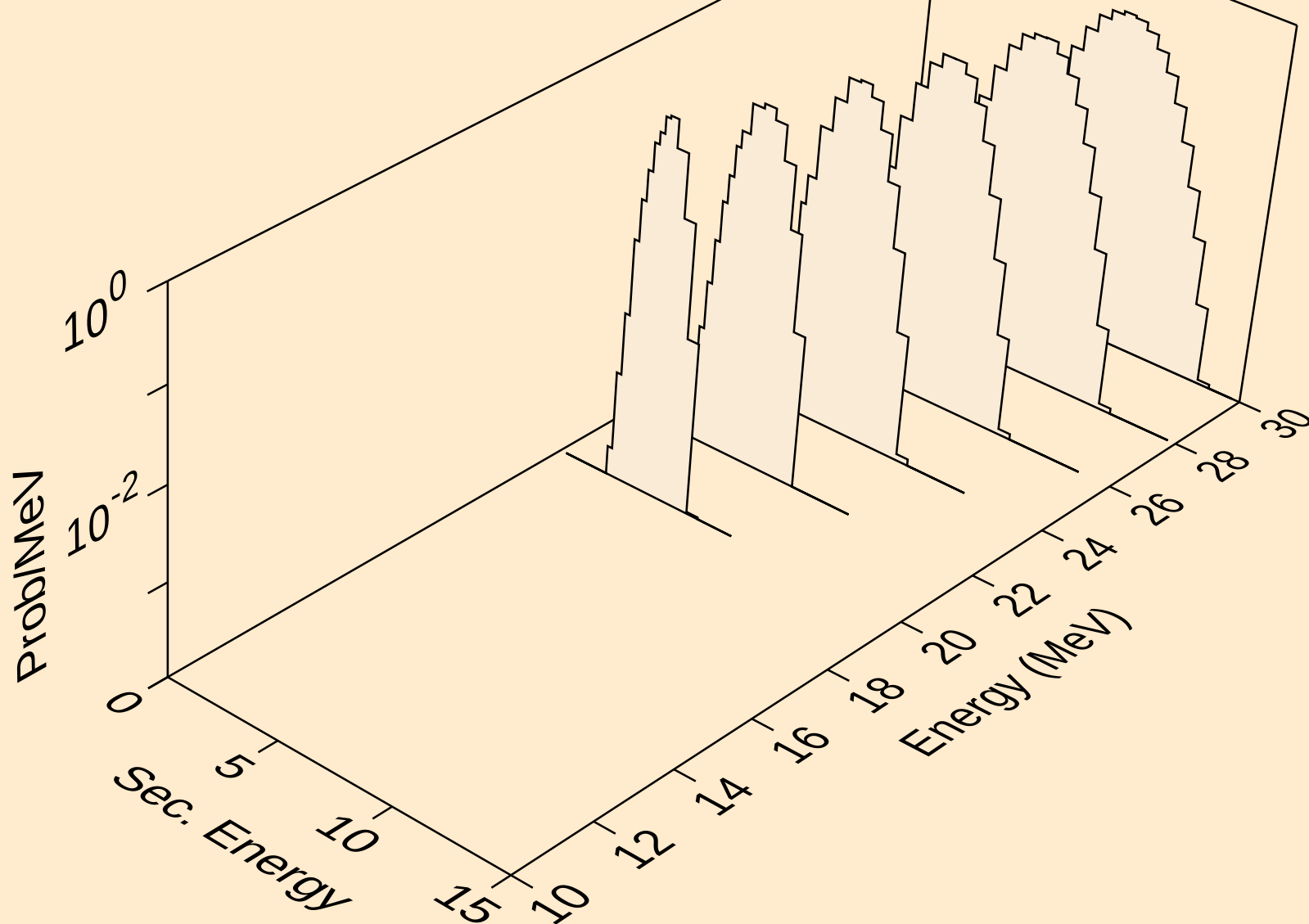
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



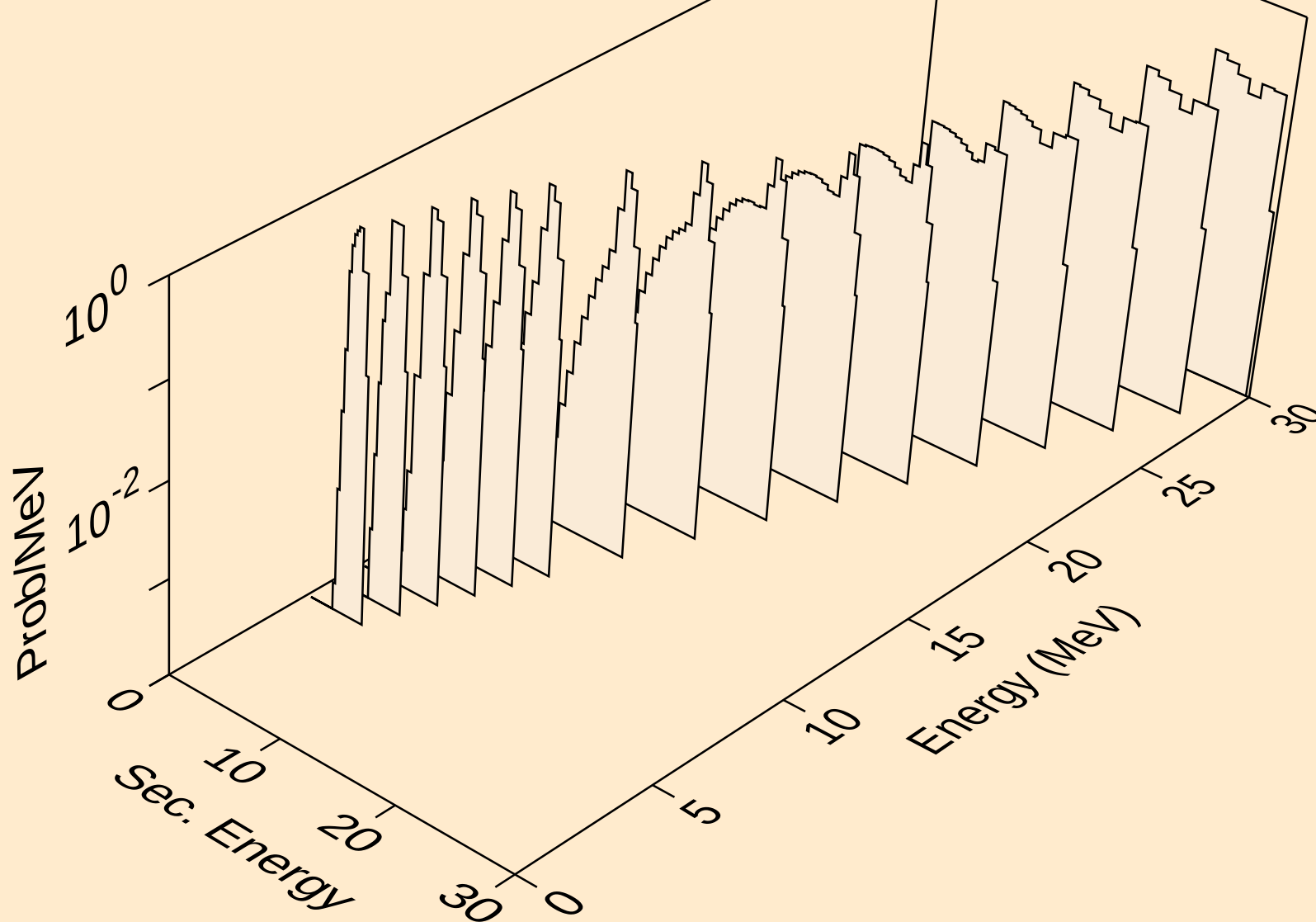
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)



BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)

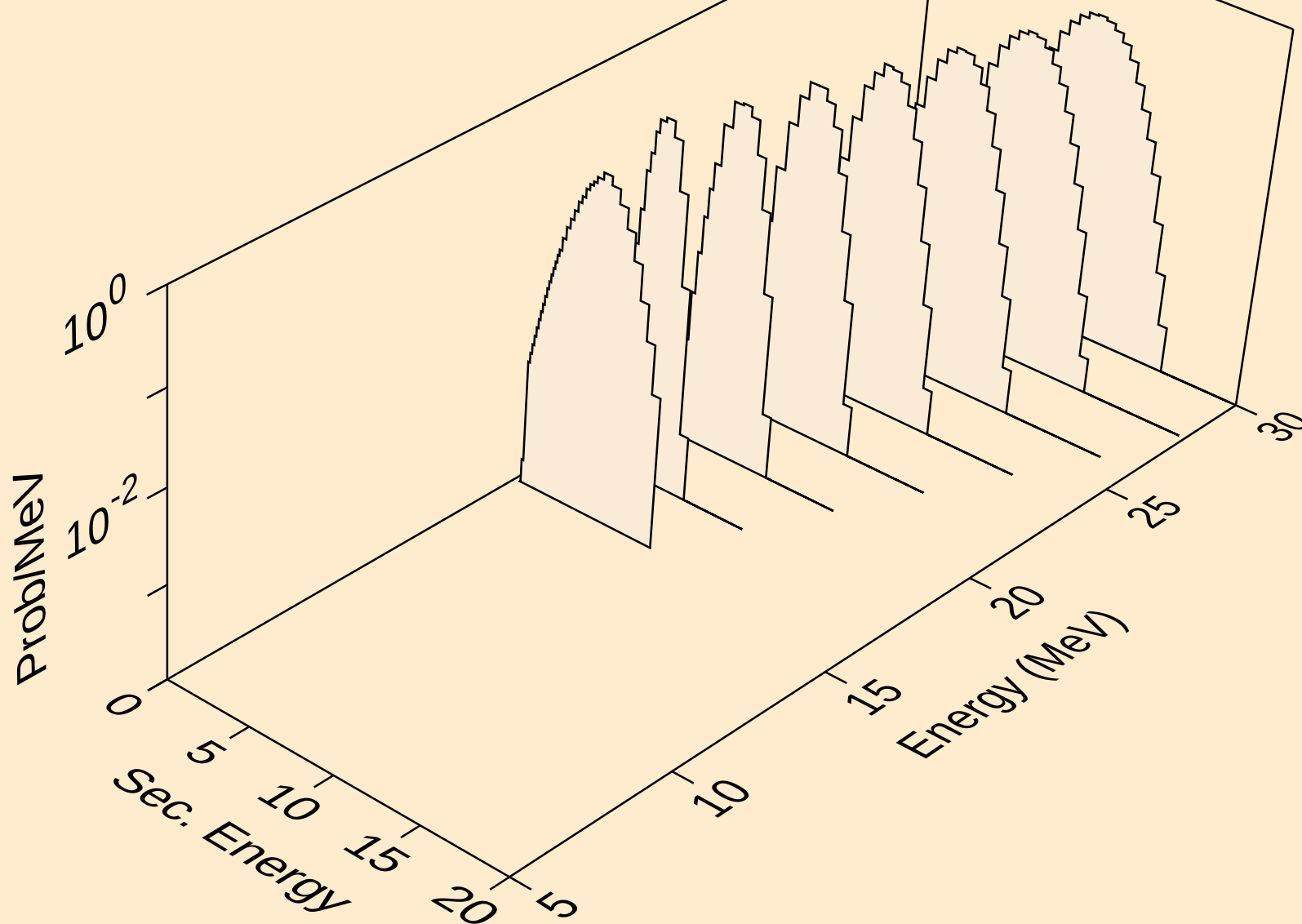


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



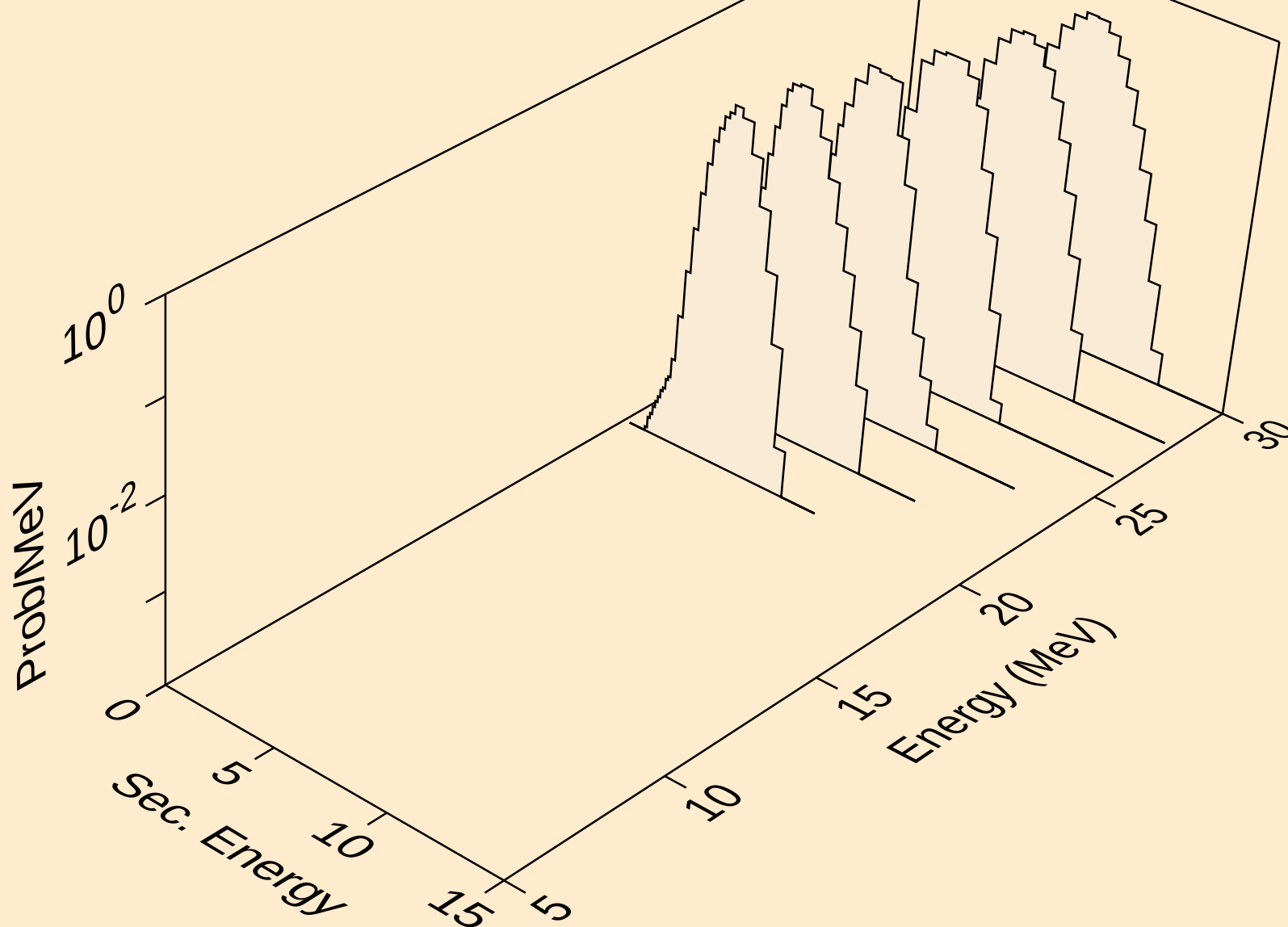
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,2p)

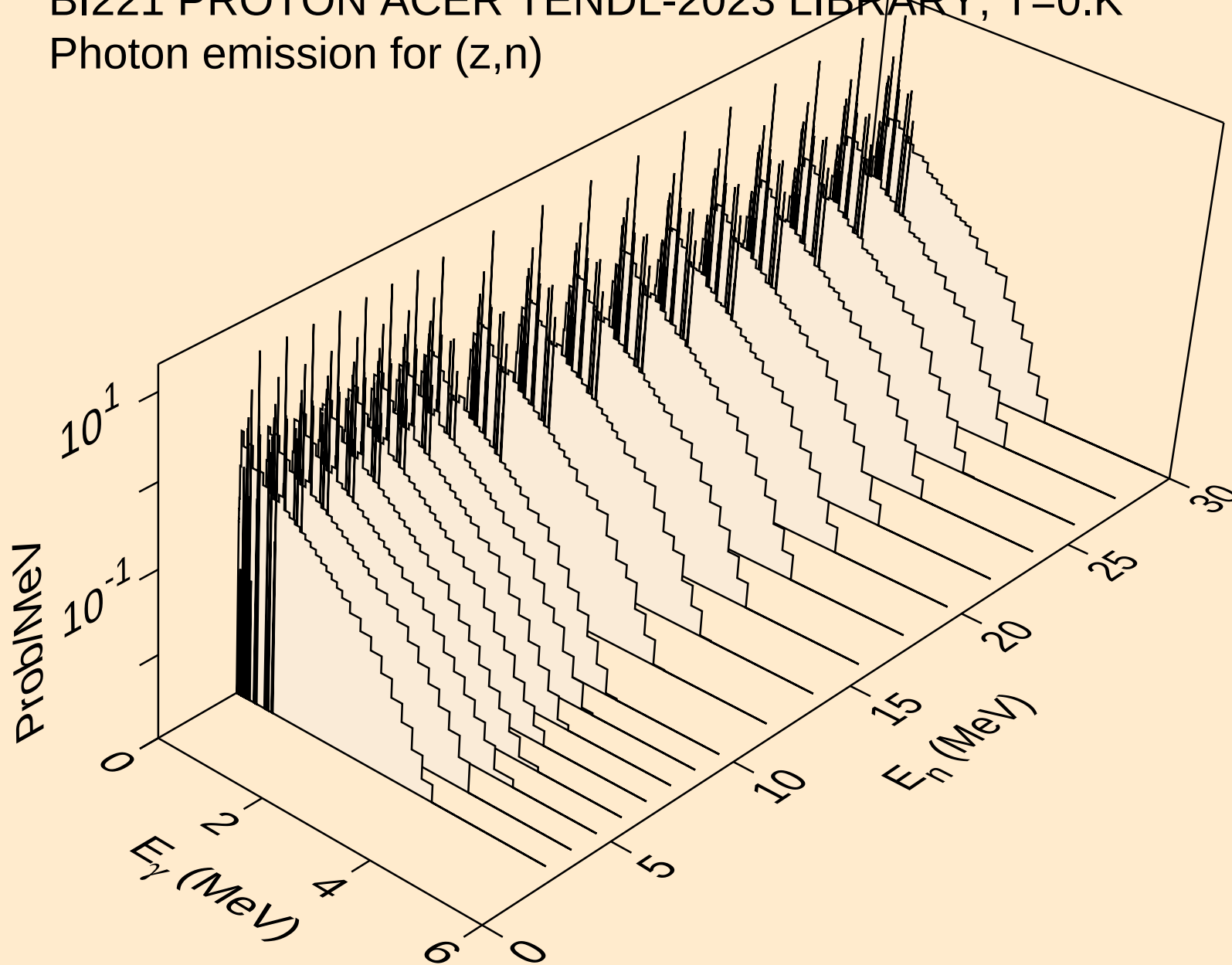


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pd)

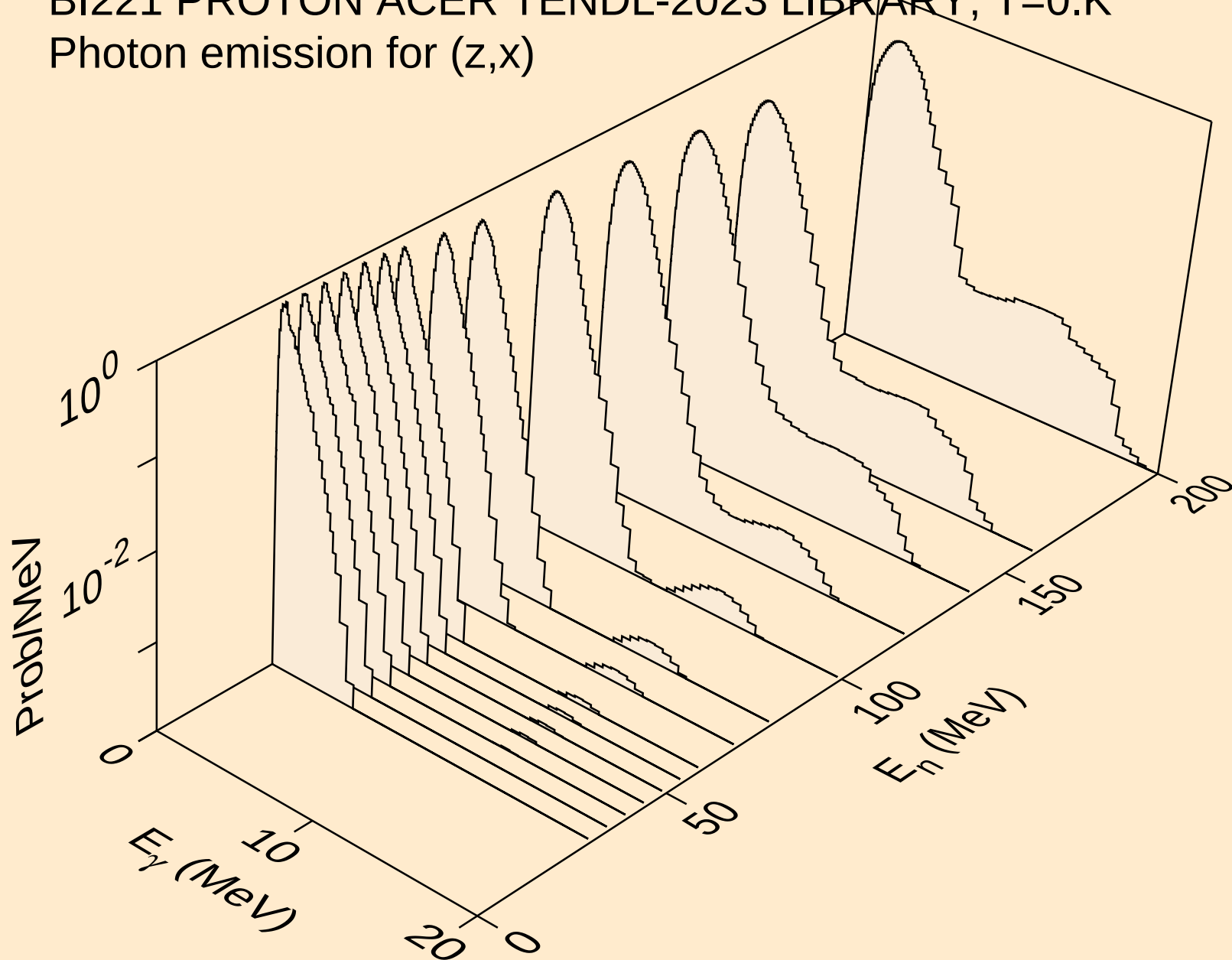


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

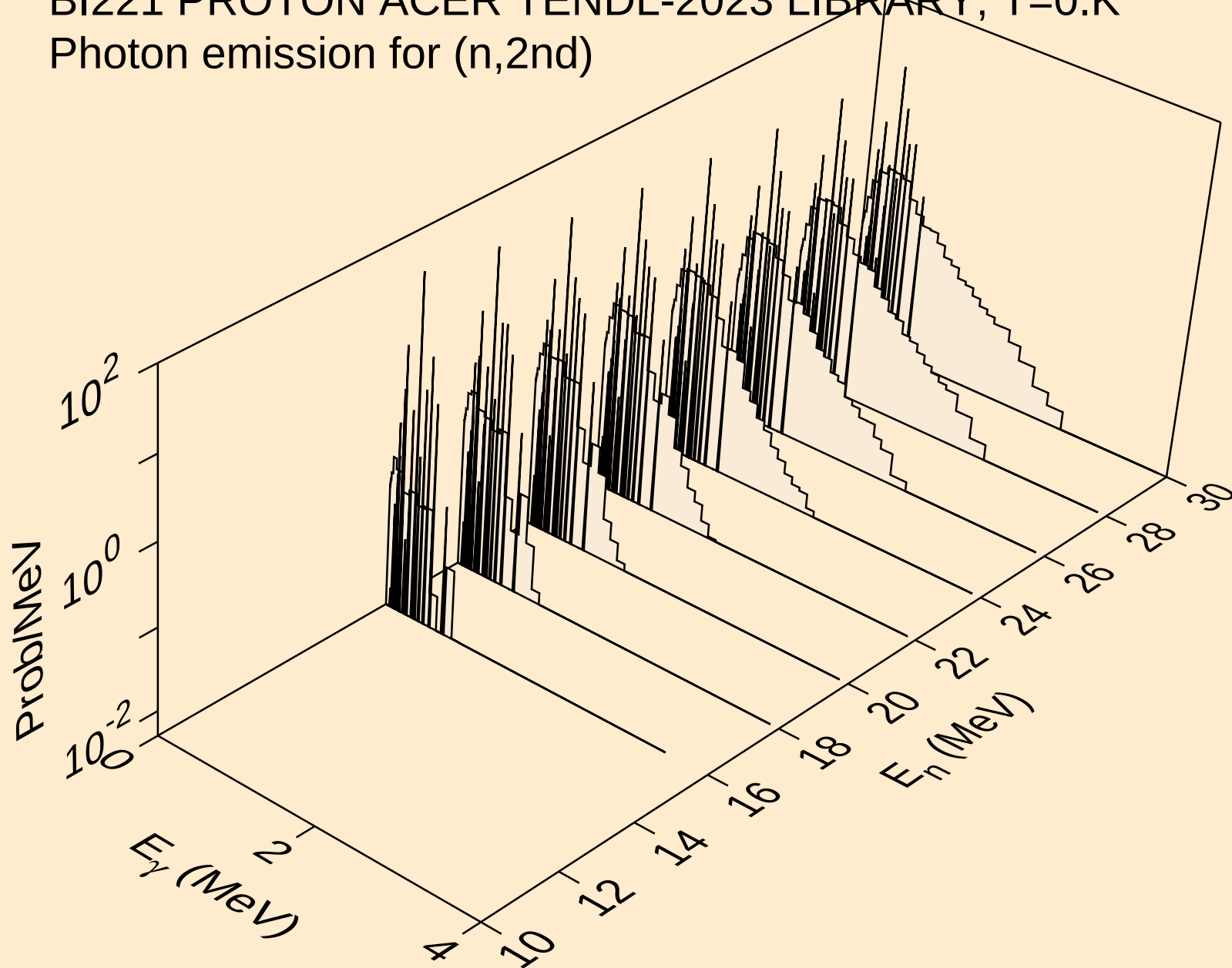


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

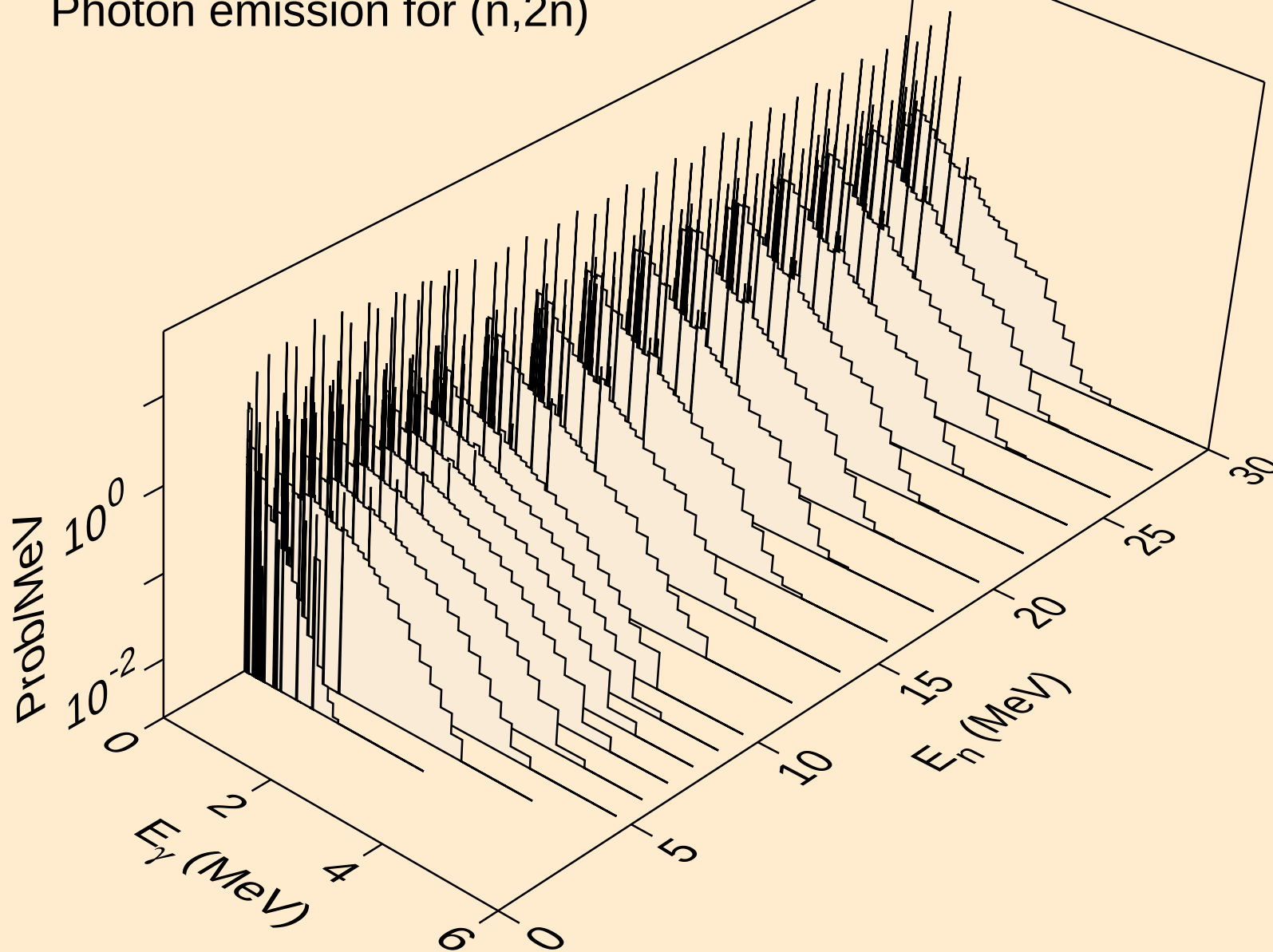
Photon emission for (z,x)



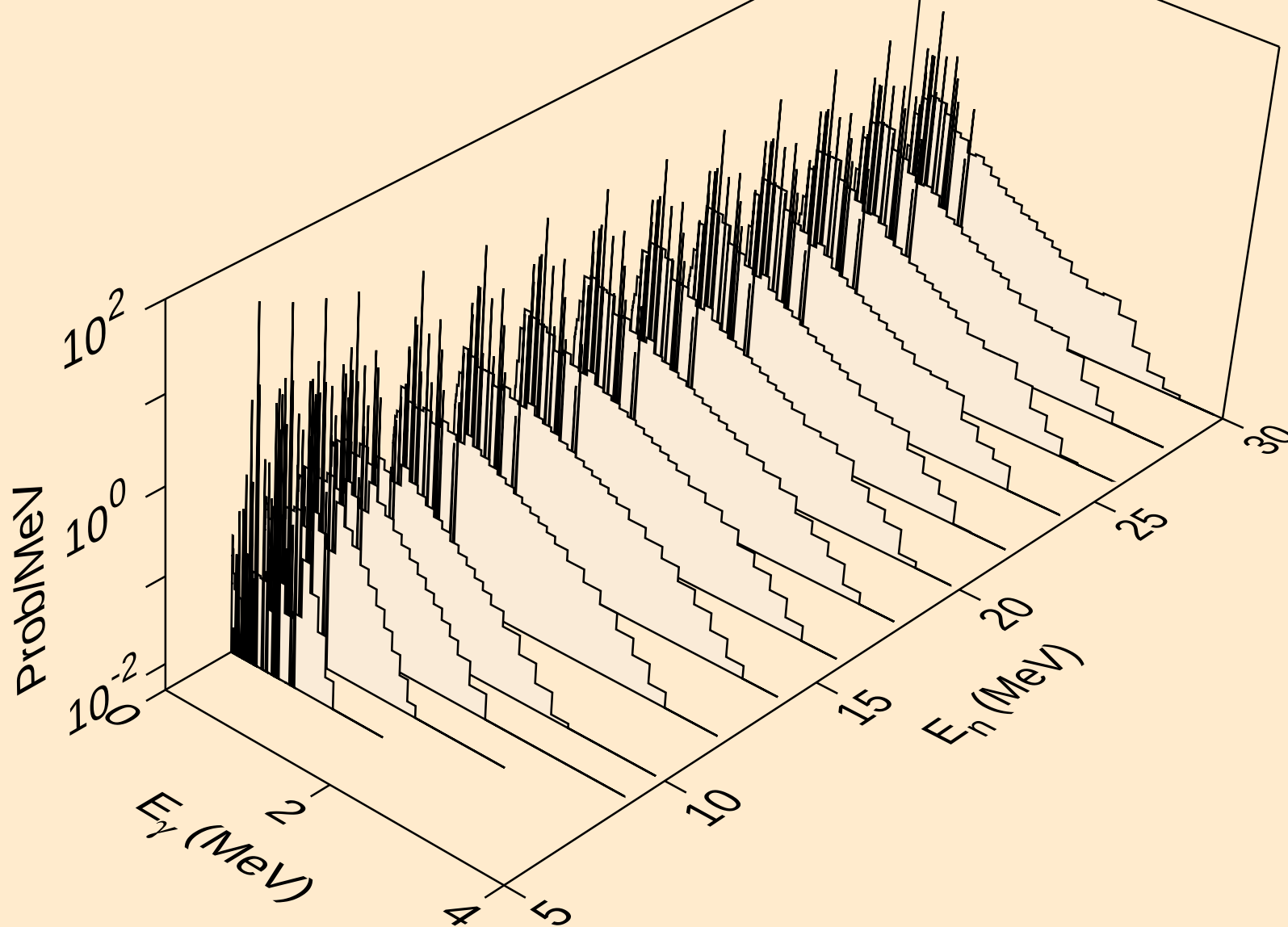
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

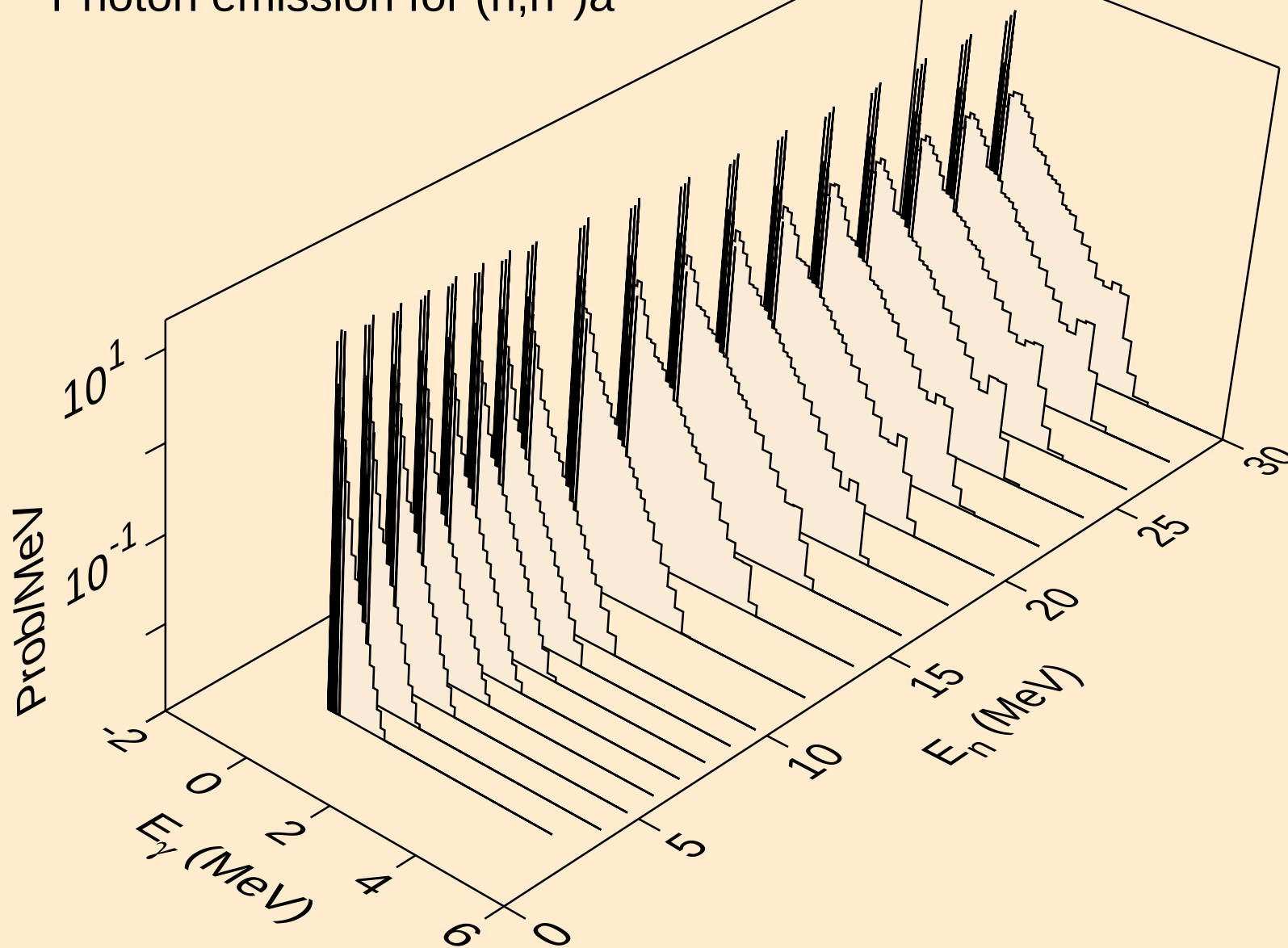


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



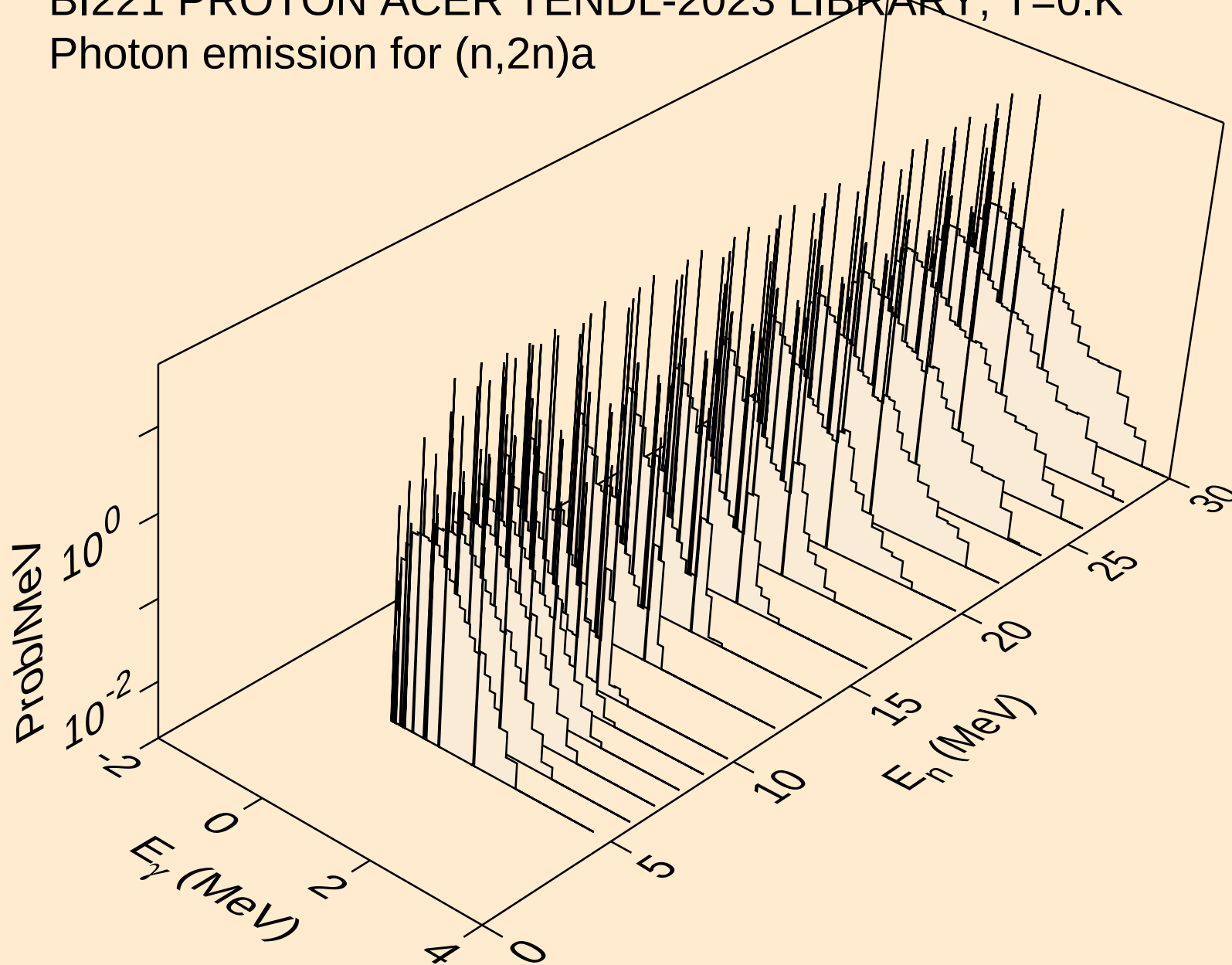
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



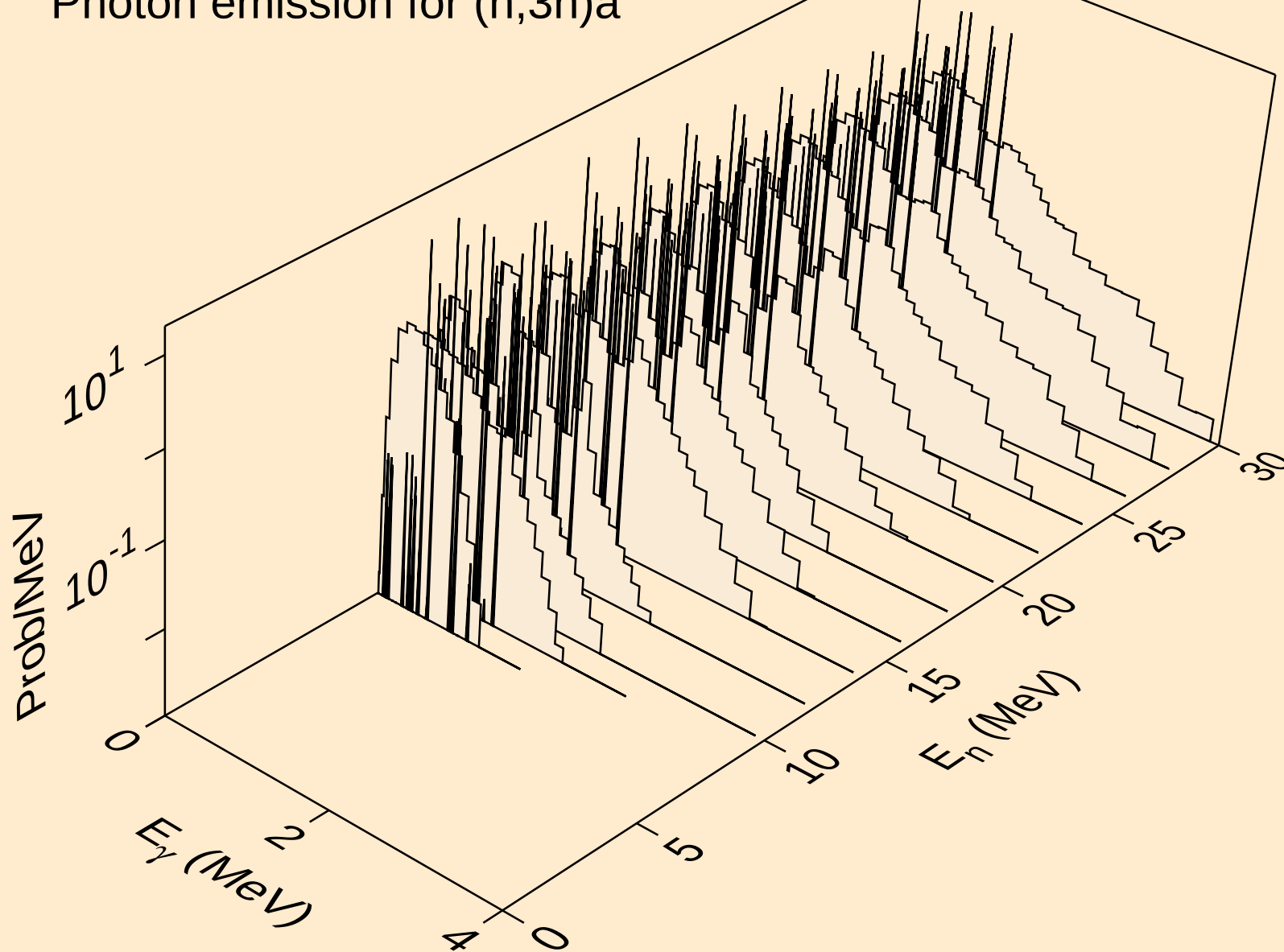
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



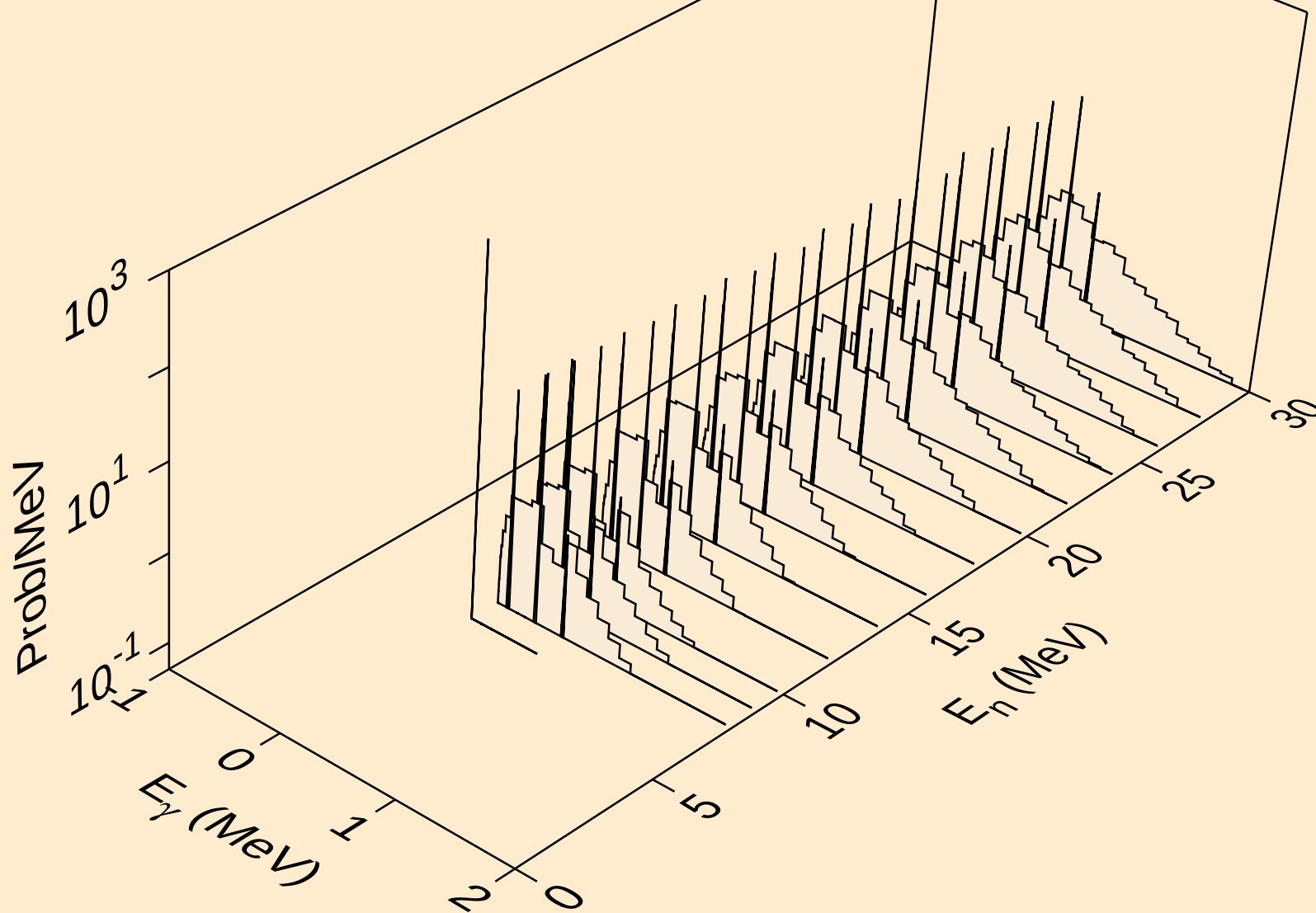
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n)a



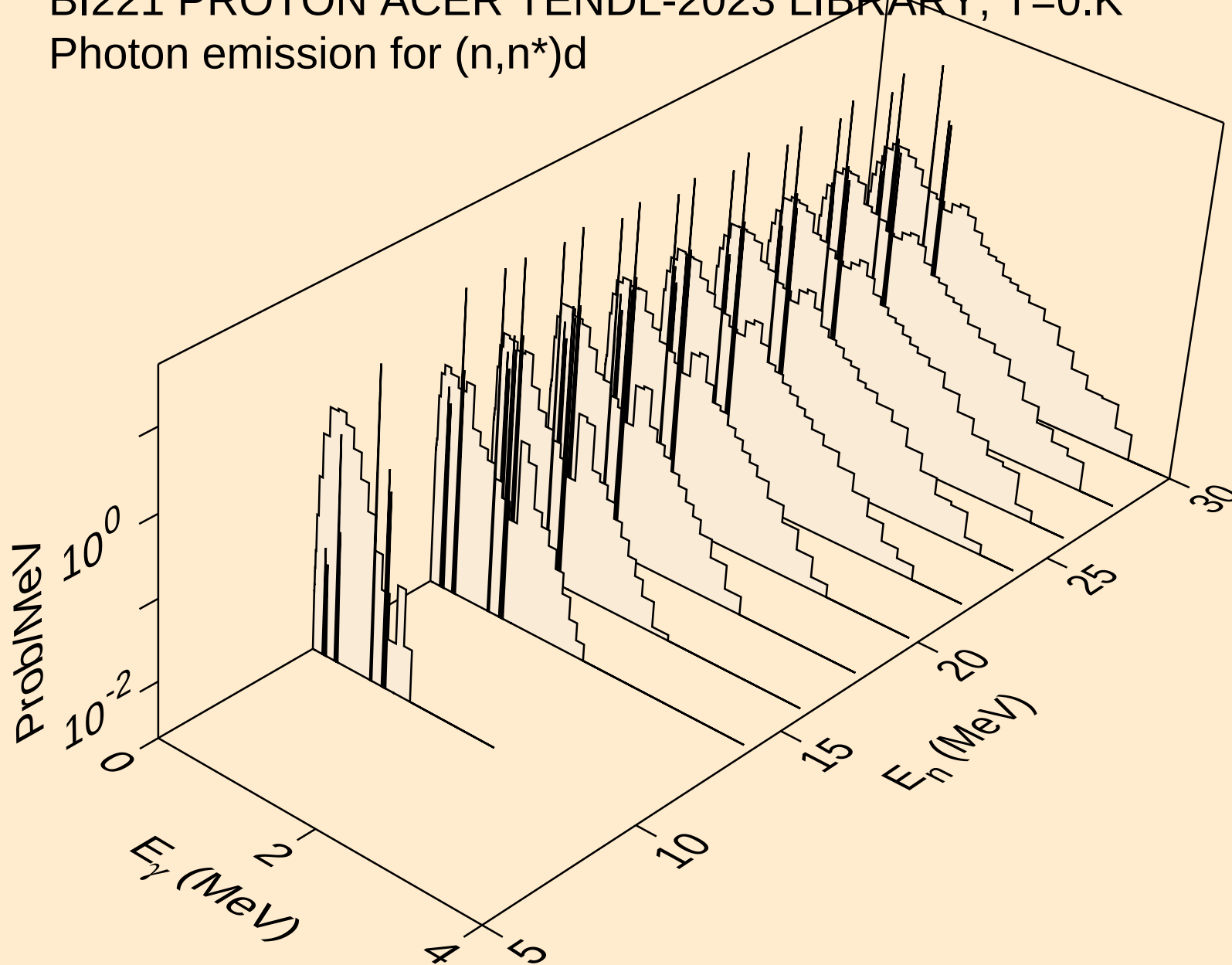
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



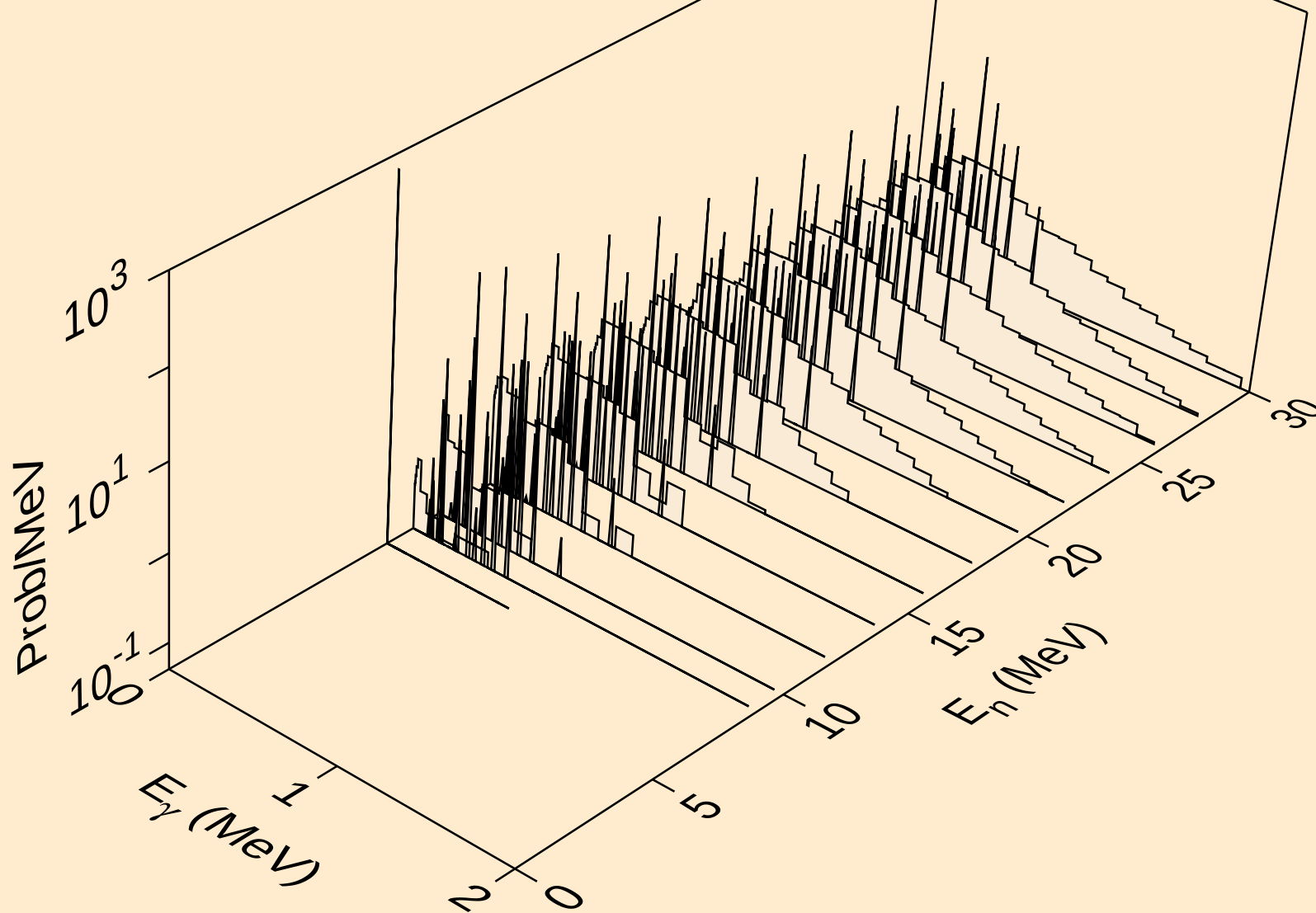
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

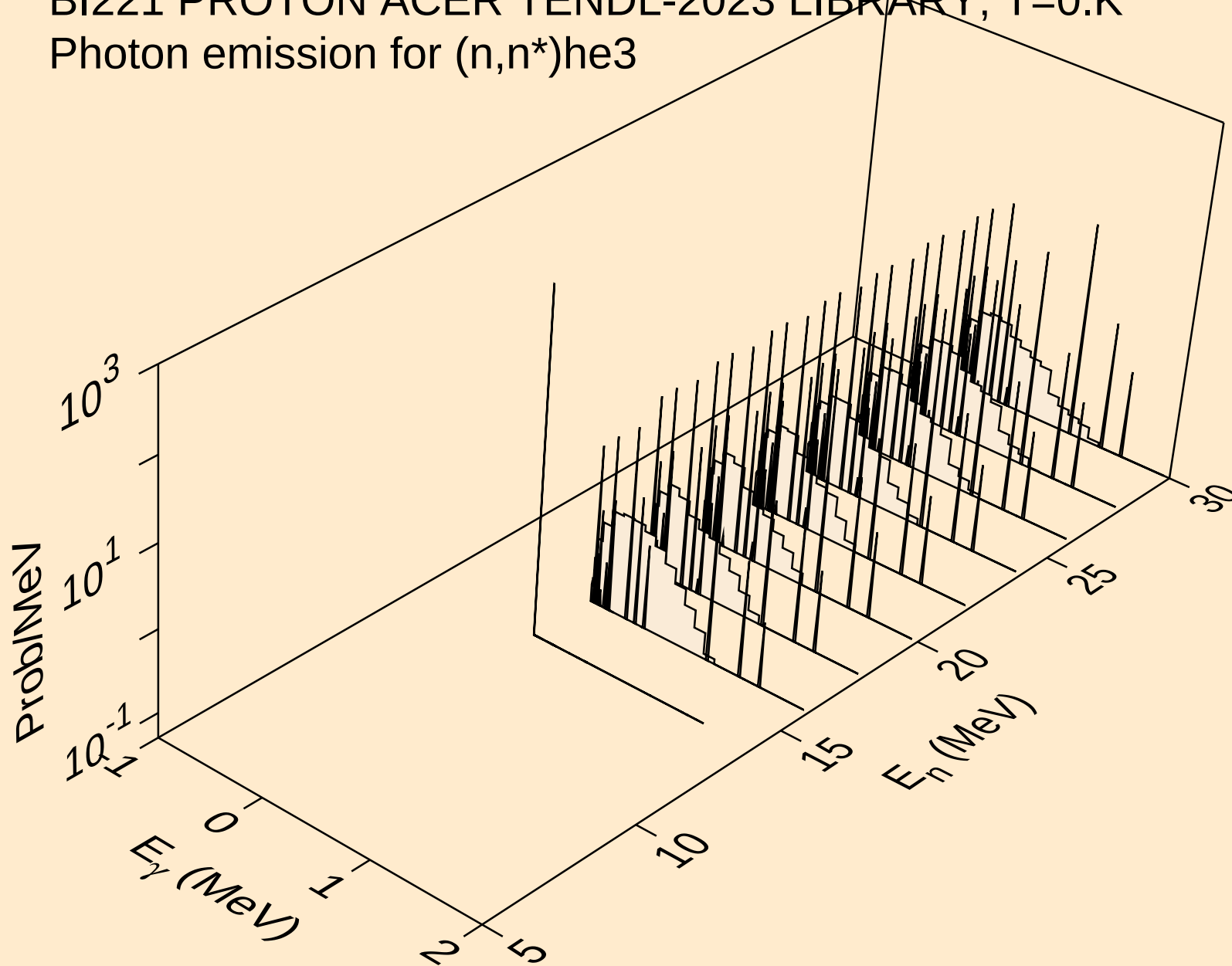


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

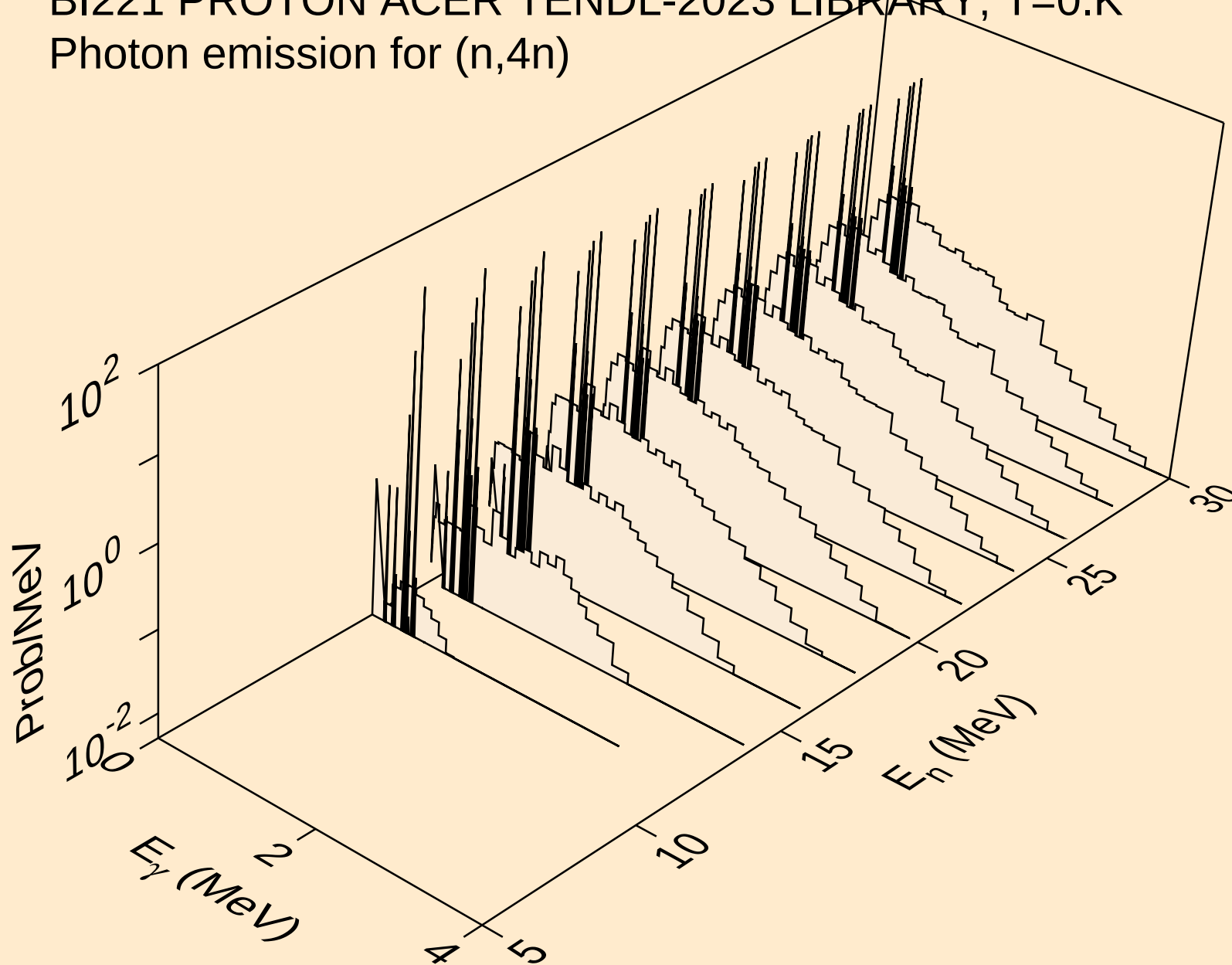
Photon emission for (n,n*)t



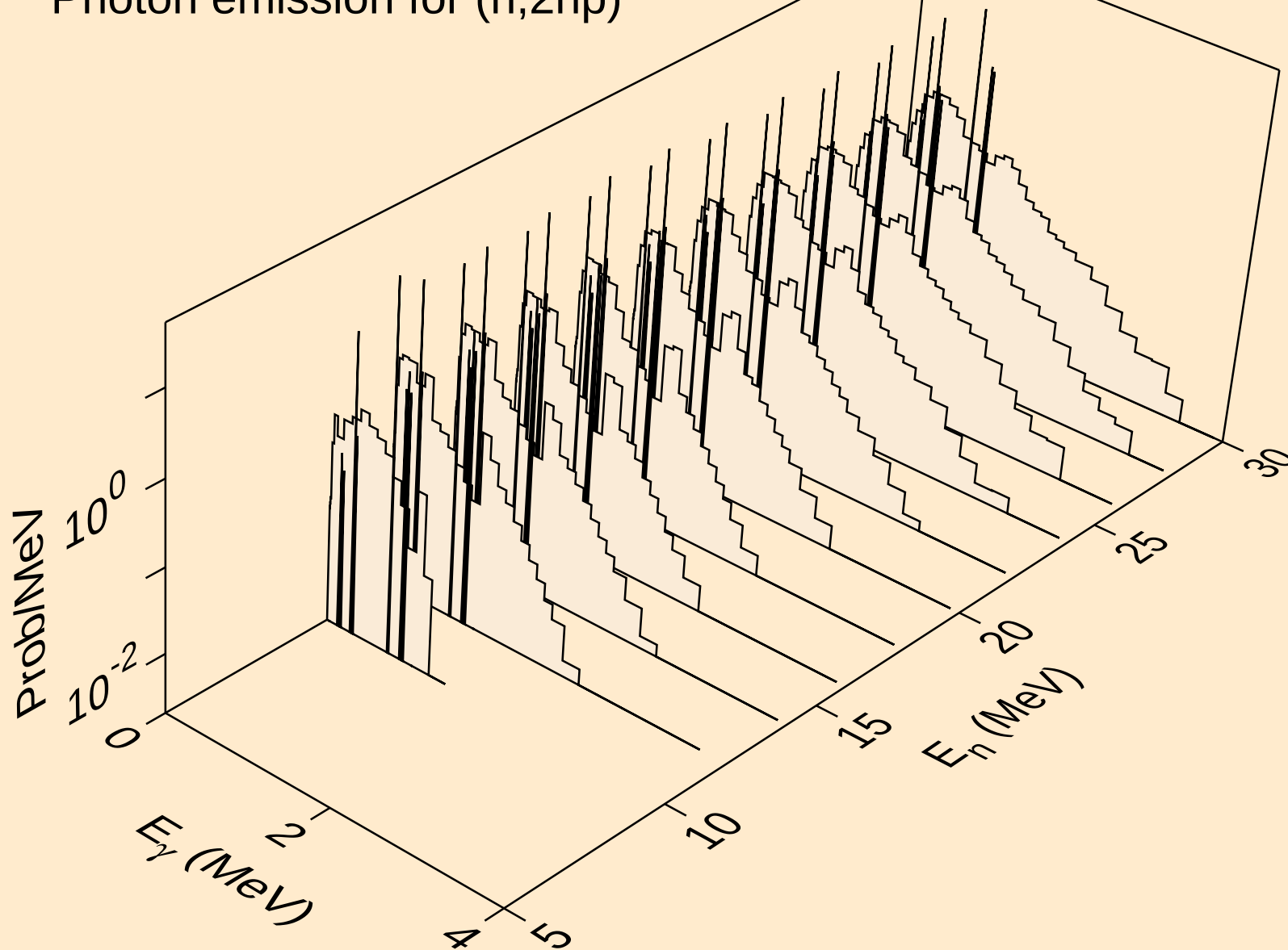
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



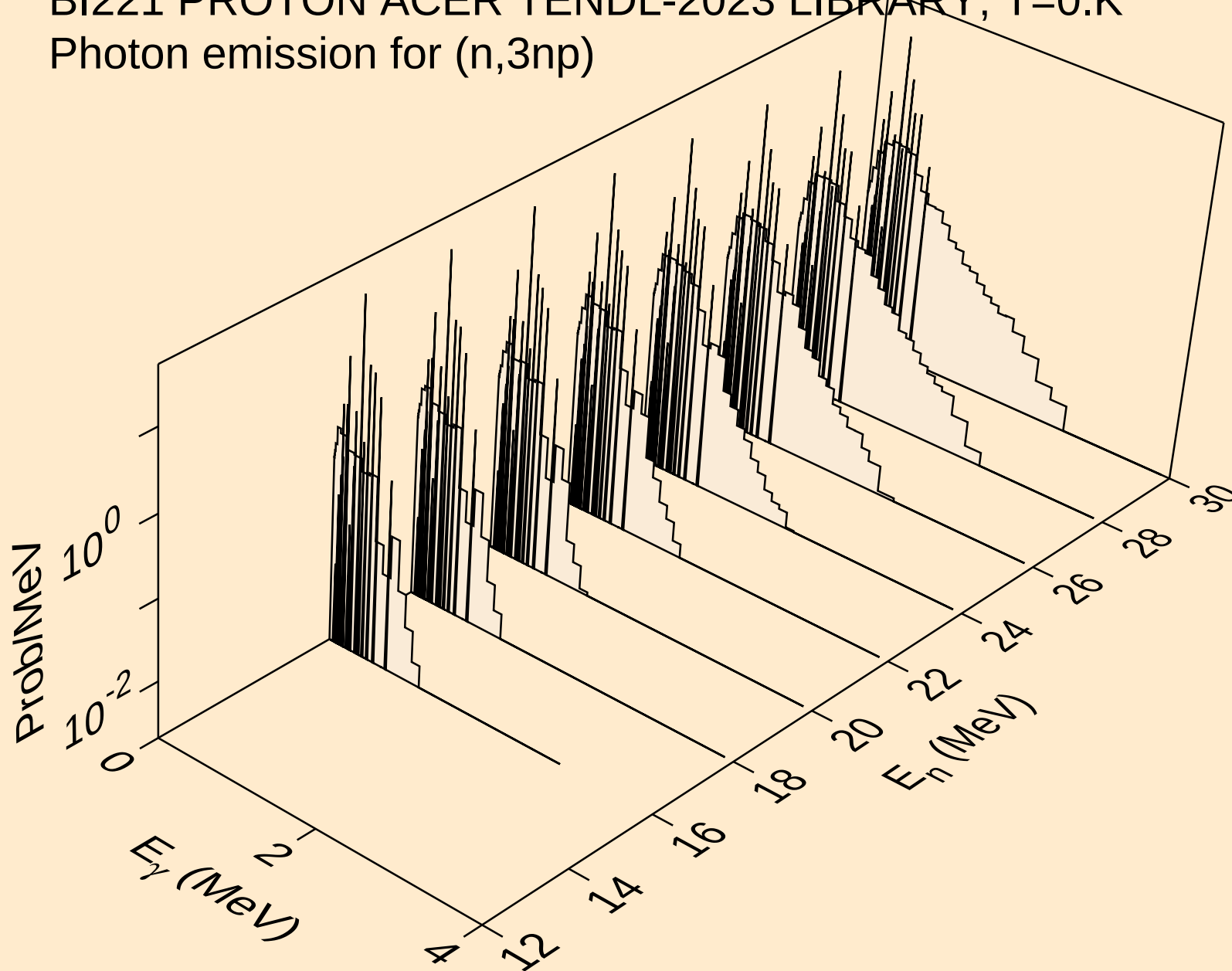
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)

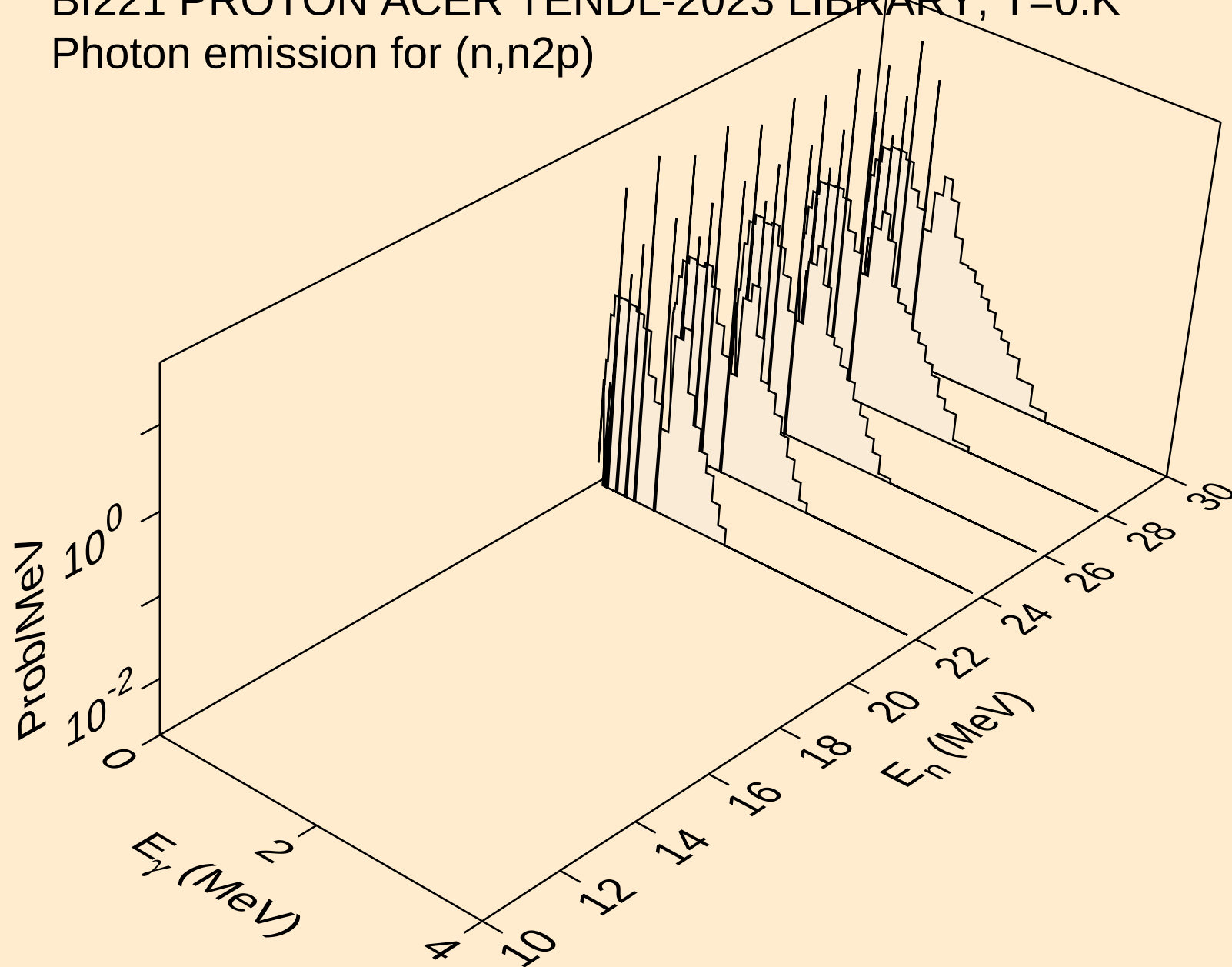


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)

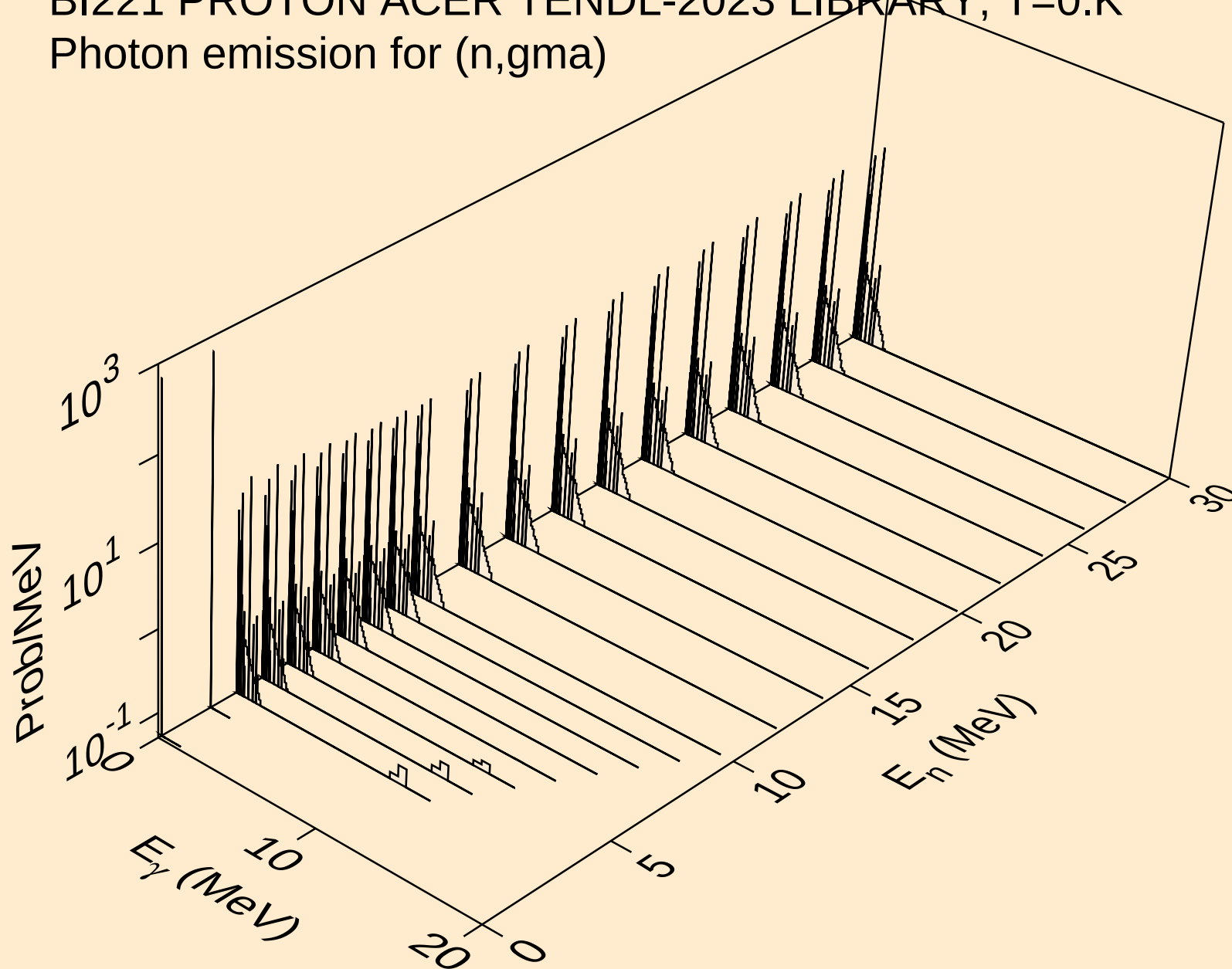


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

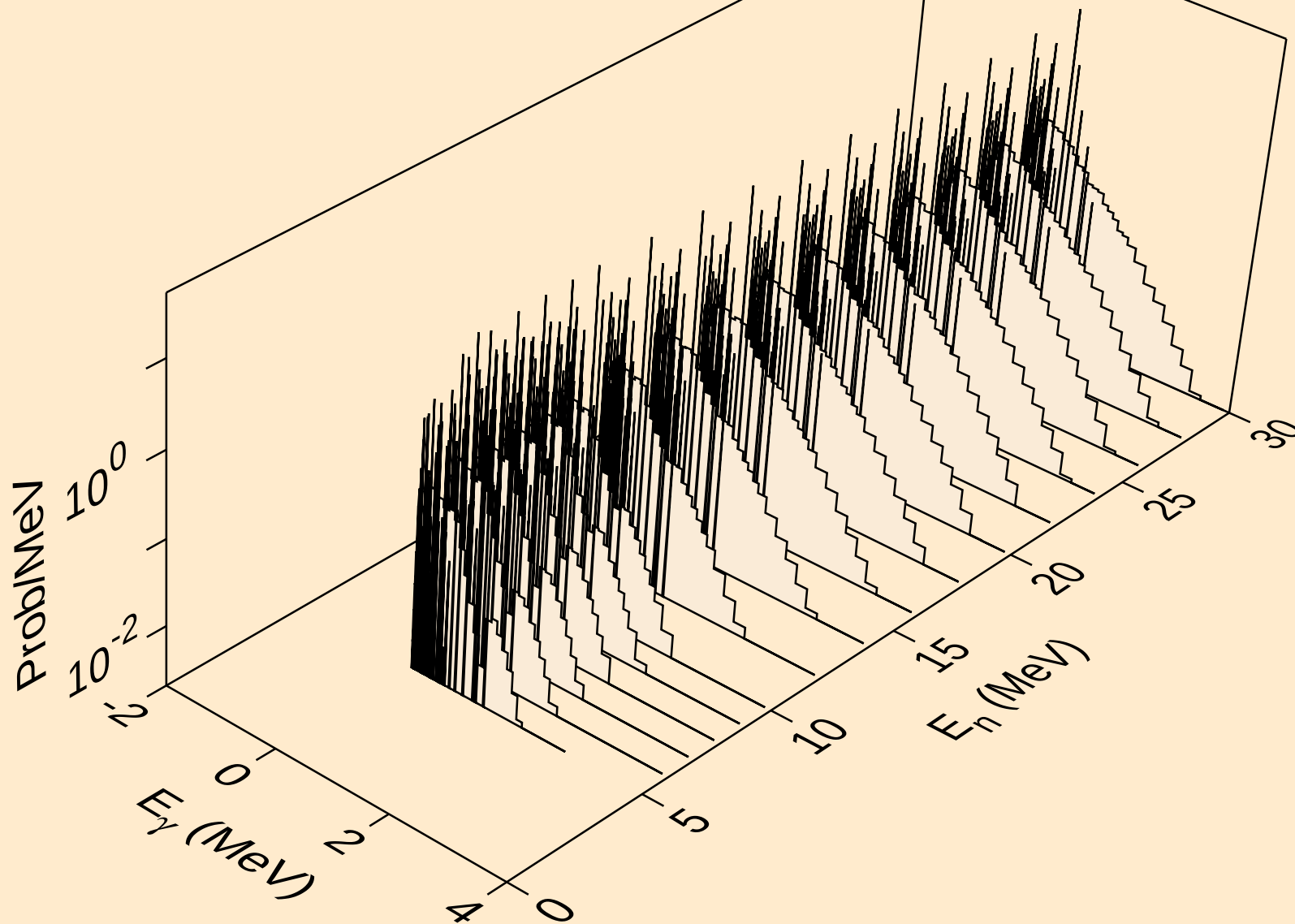
Photon emission for (n,n2p)



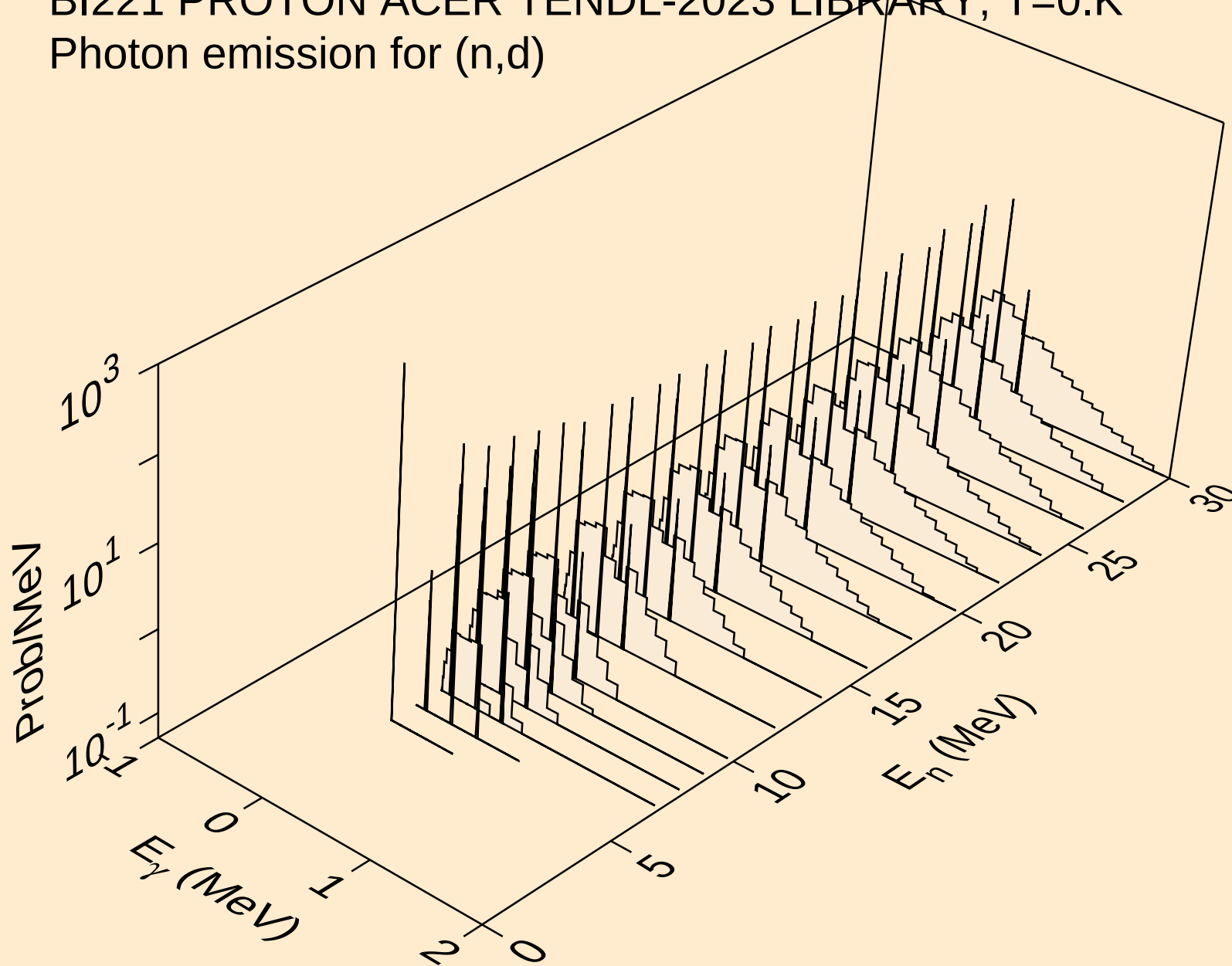
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



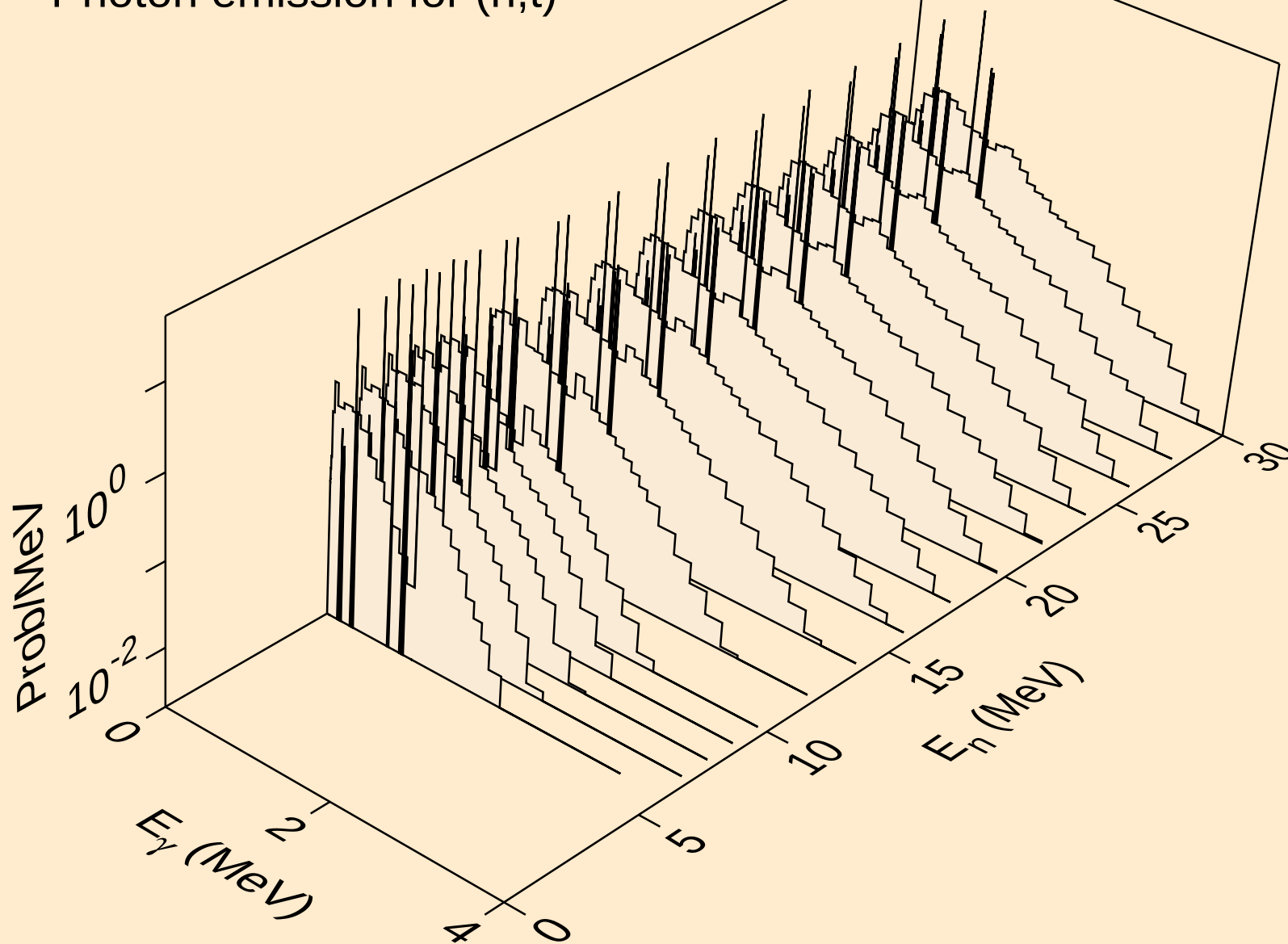
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



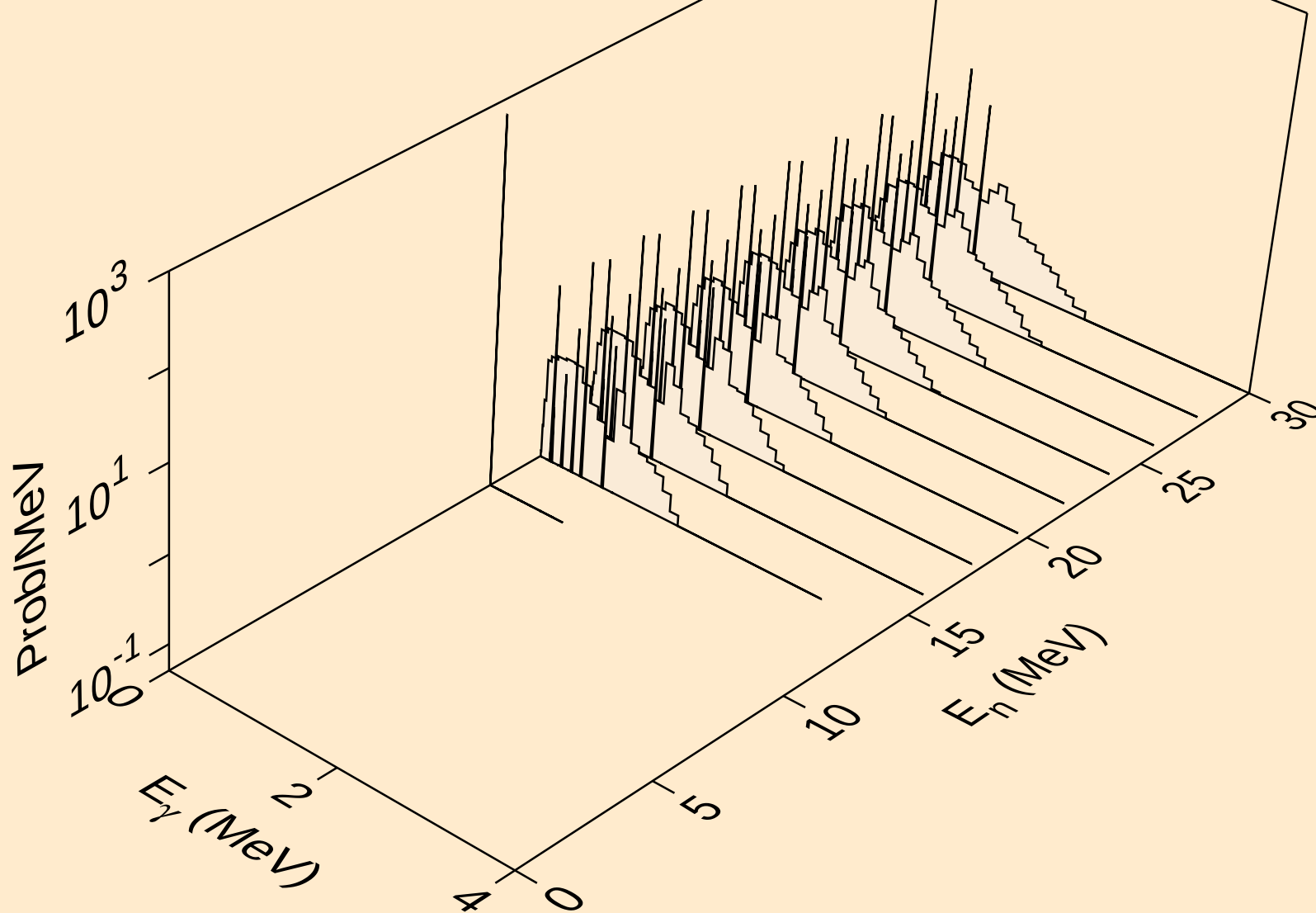
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



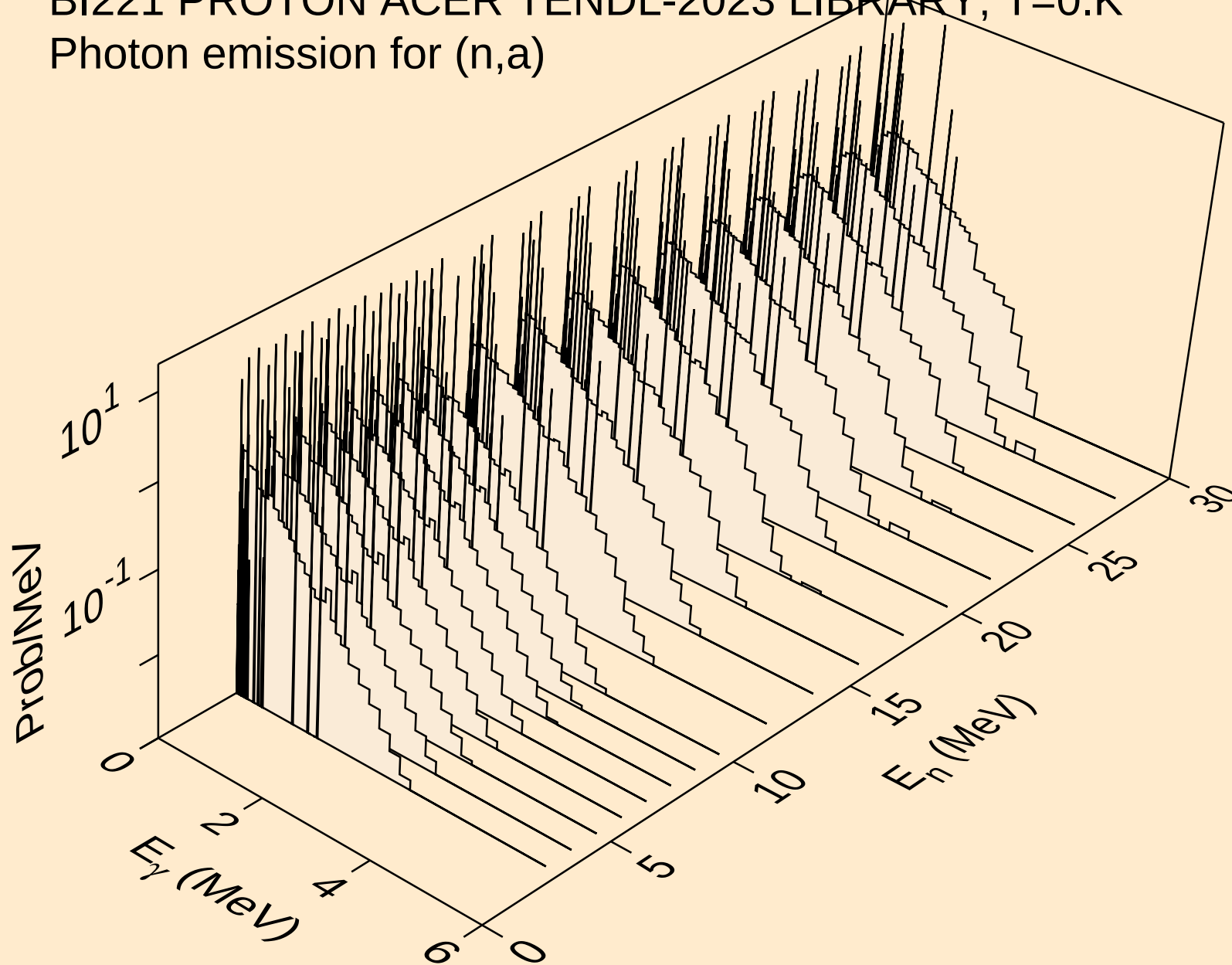
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



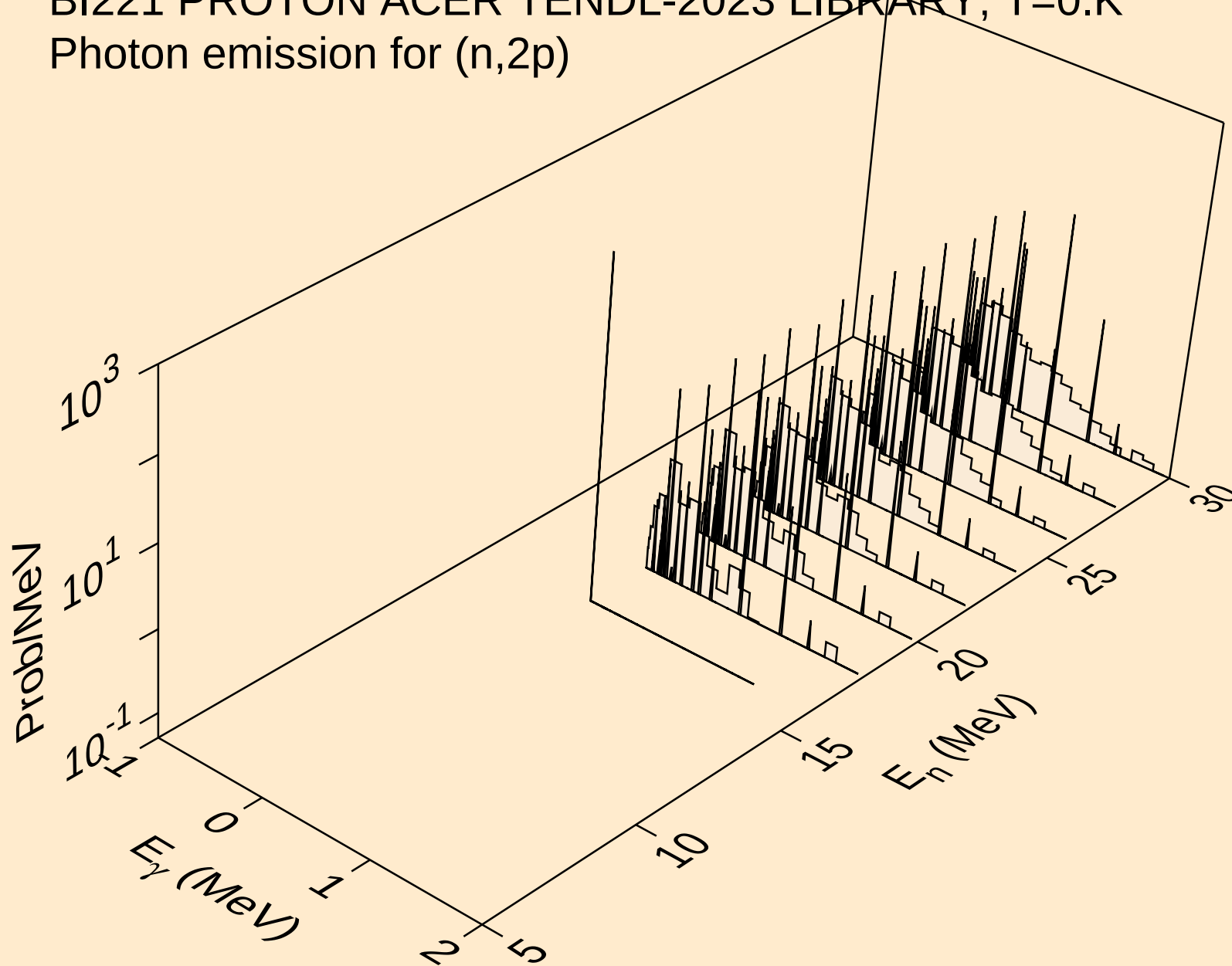
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)

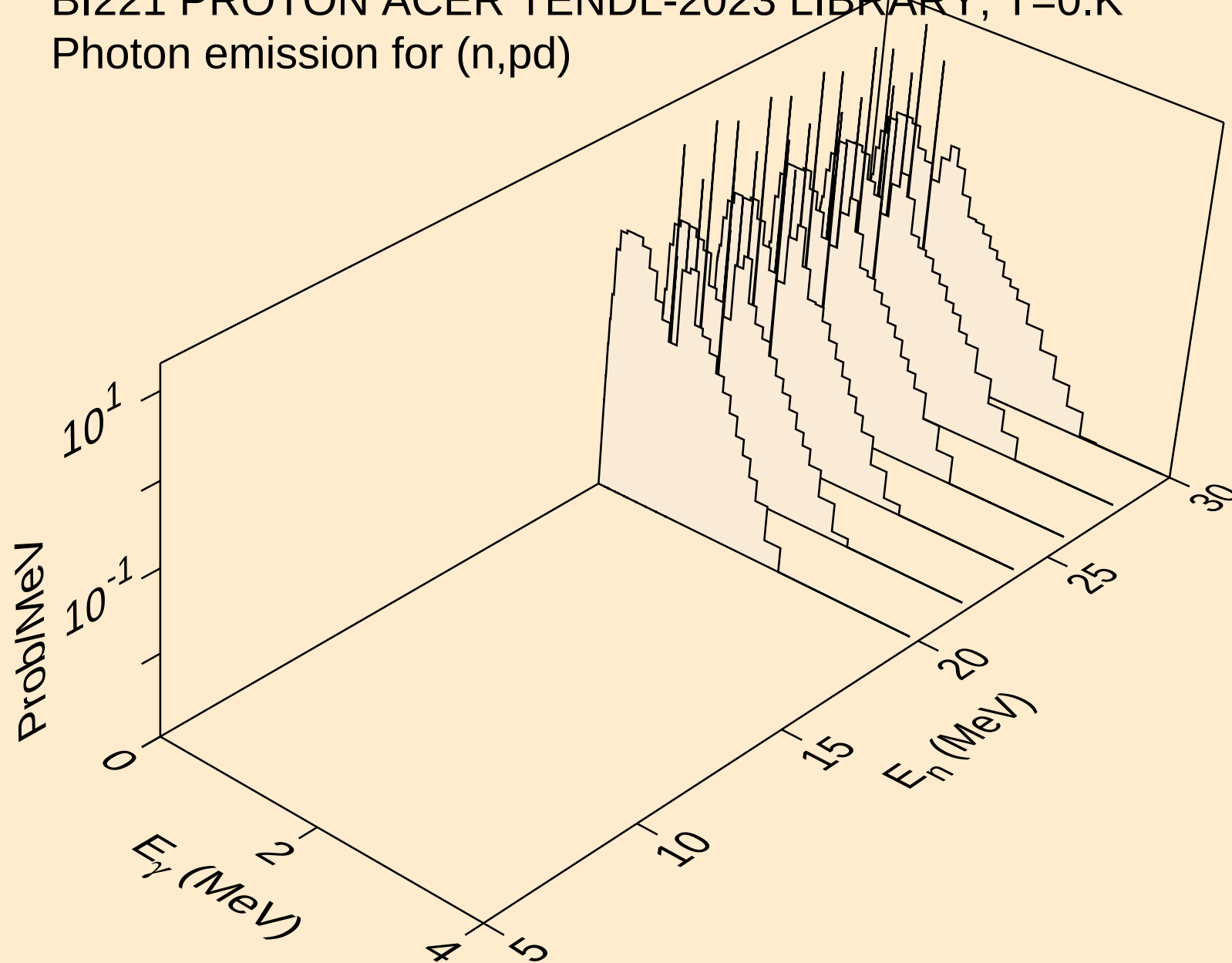


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)

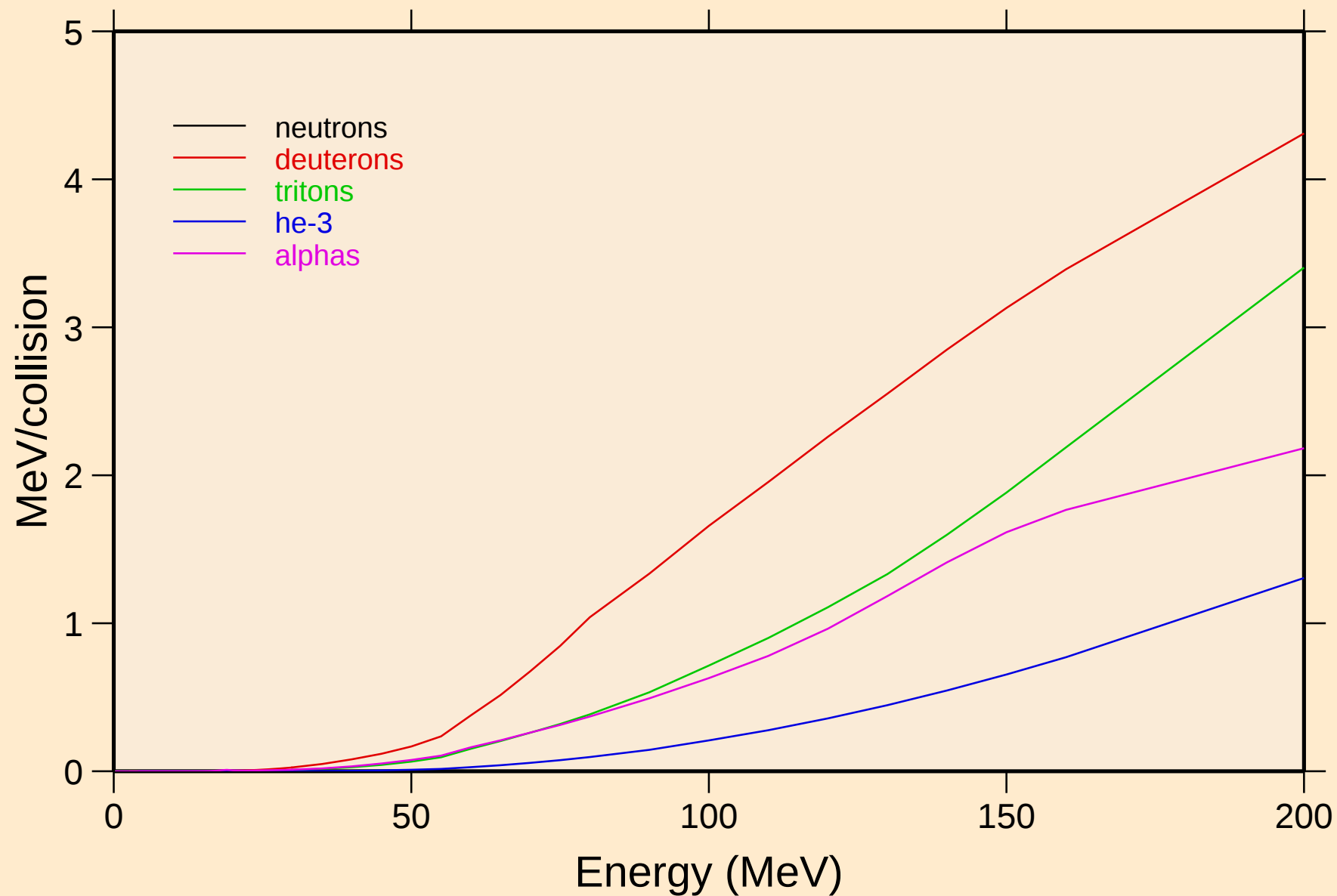


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pd)

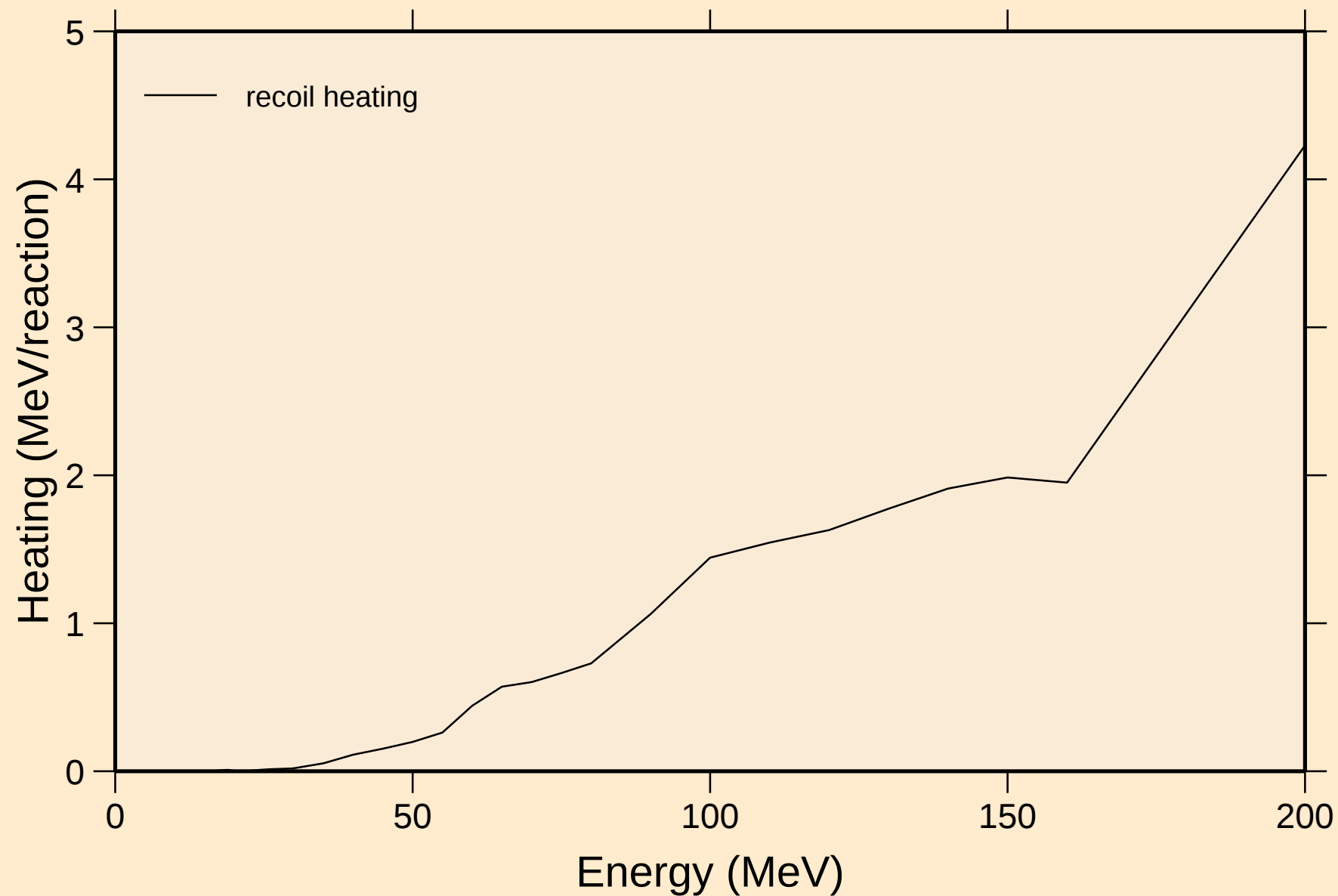


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions



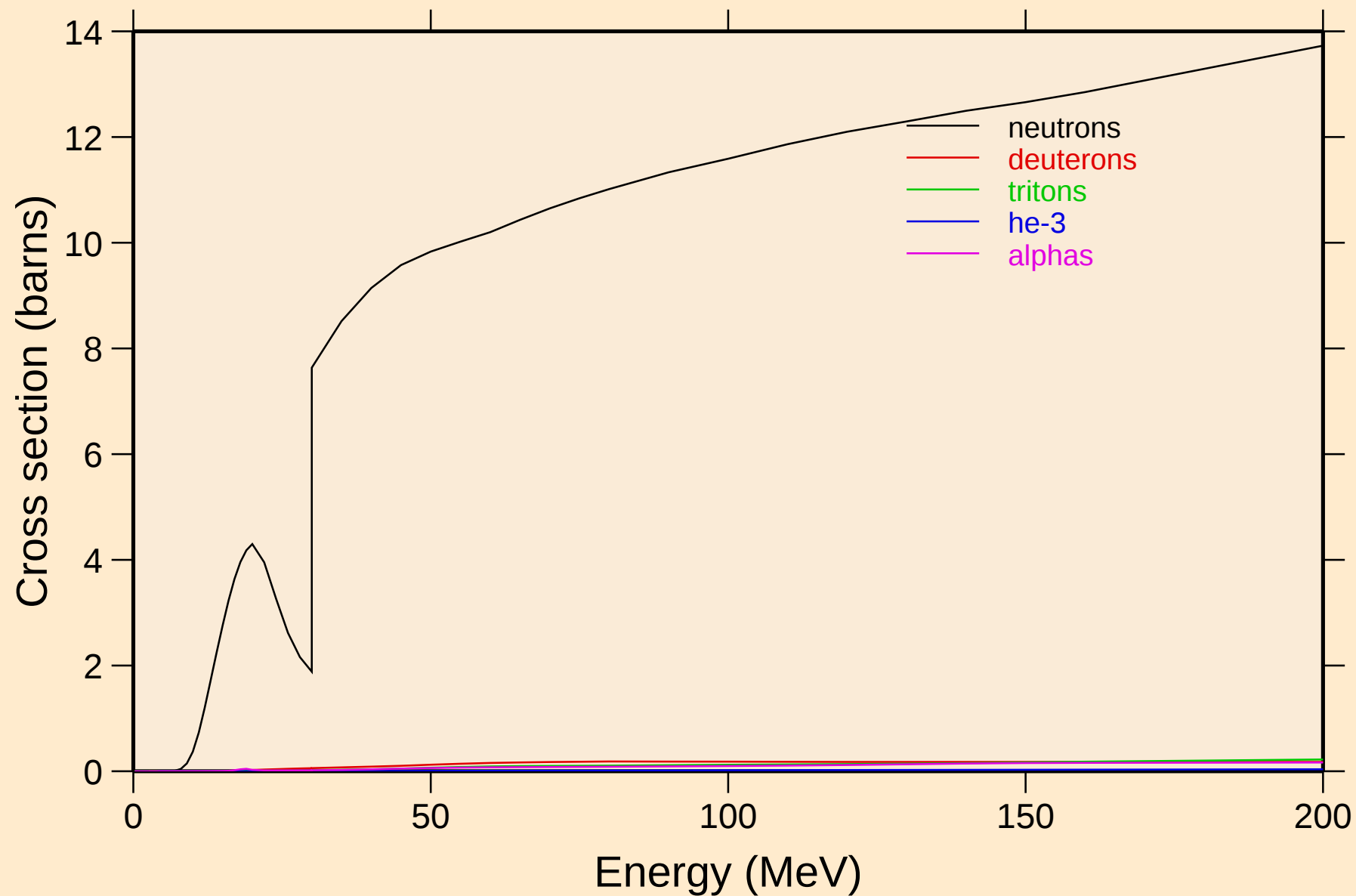
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

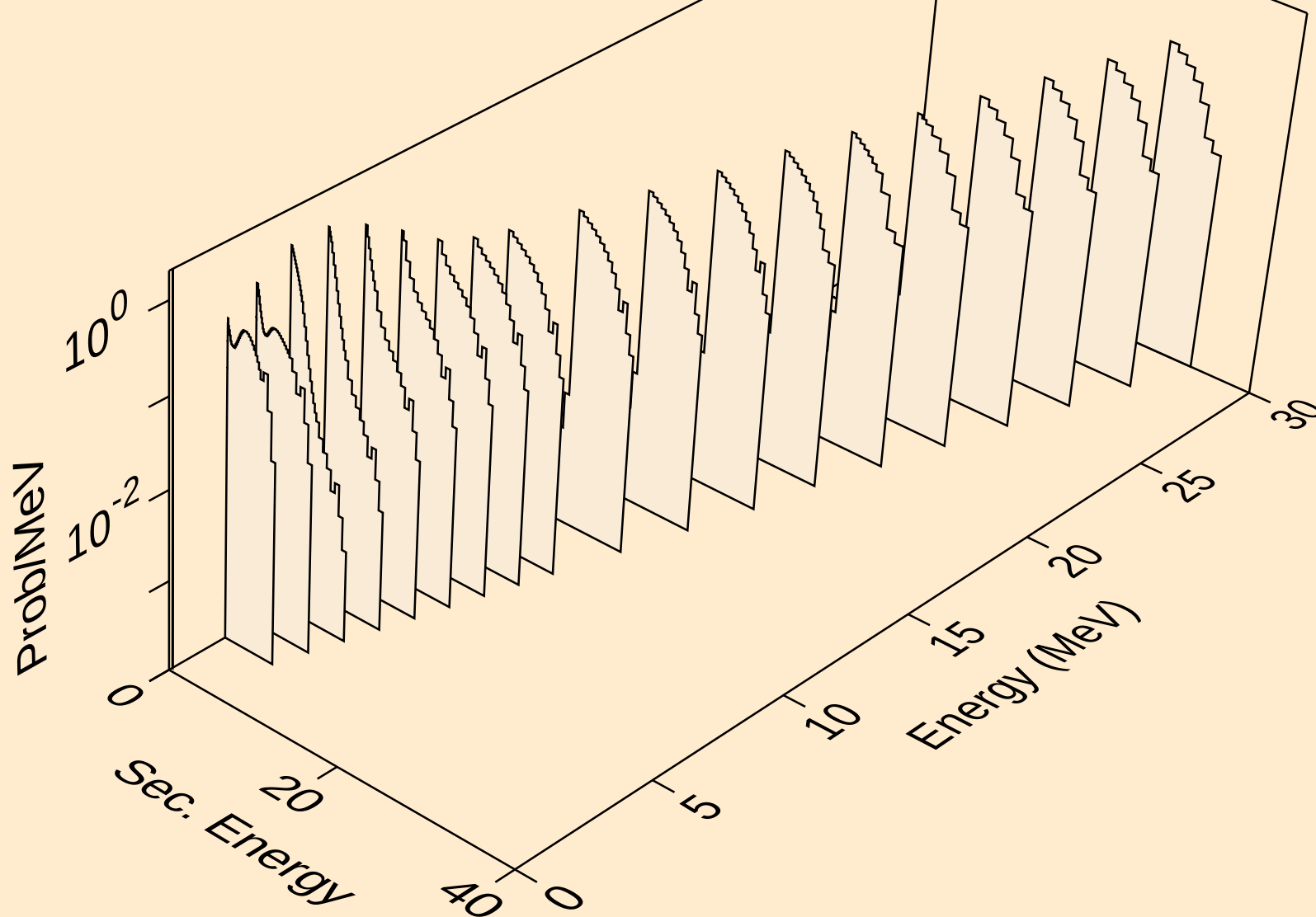


BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

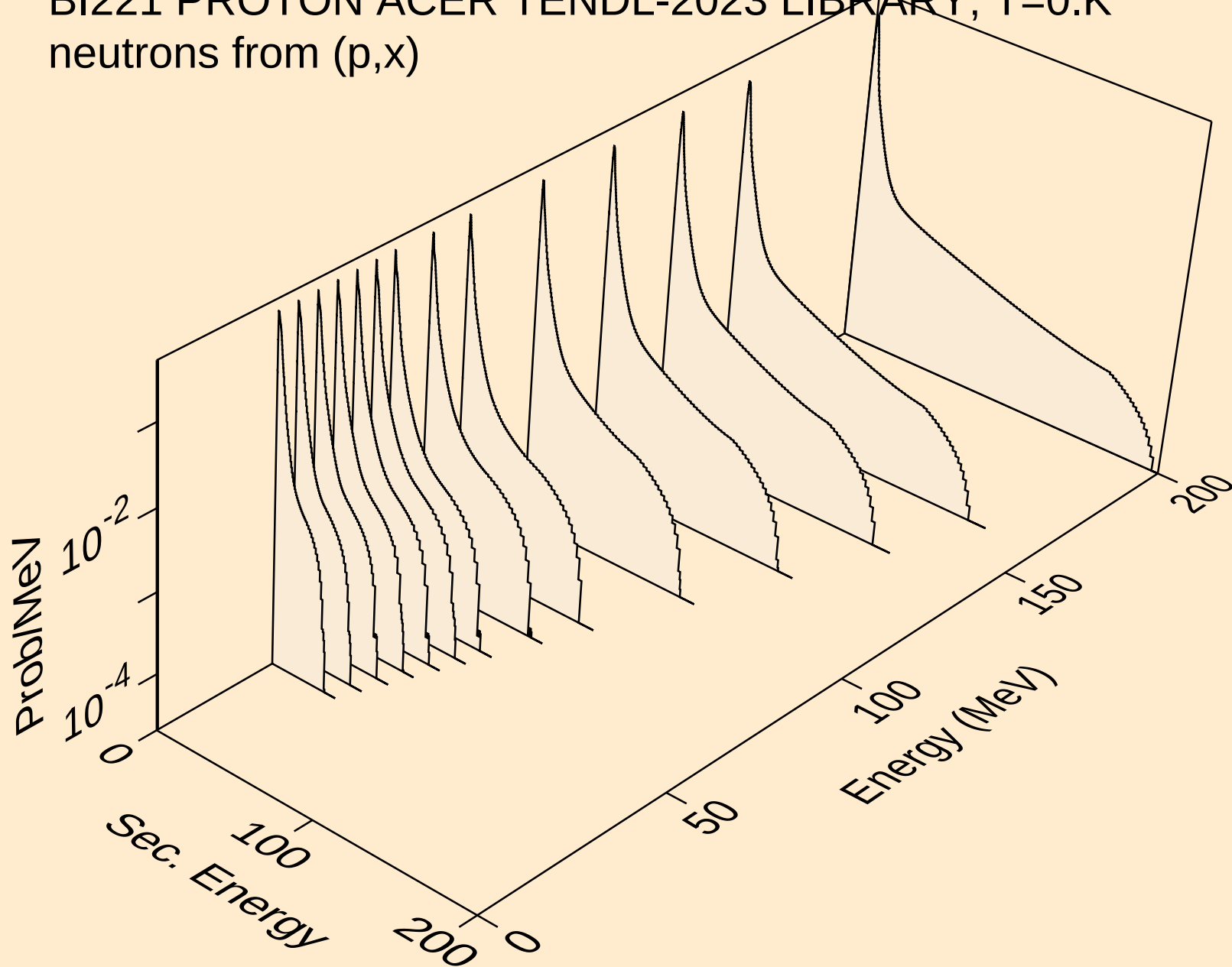
Particle production cross sections



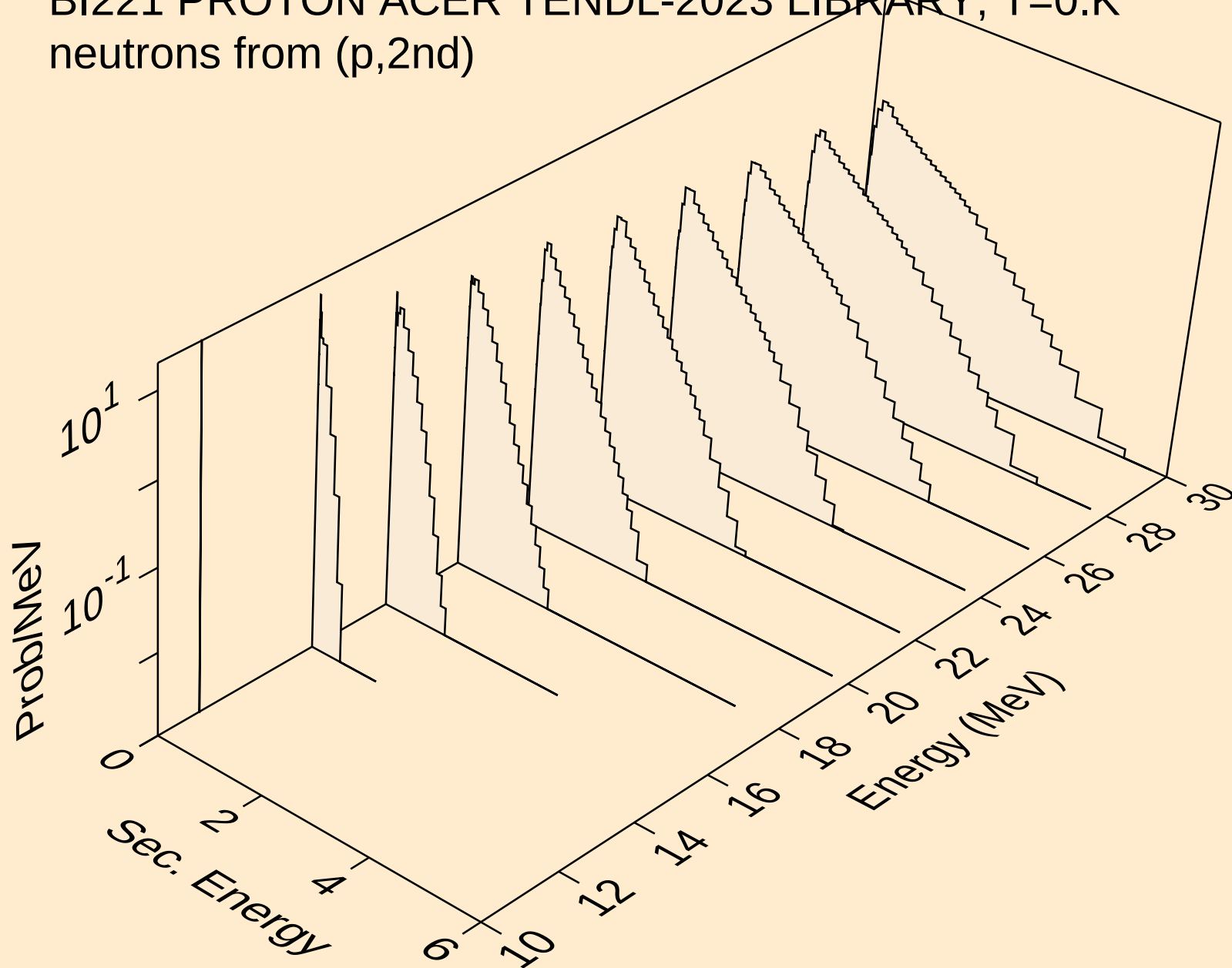
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



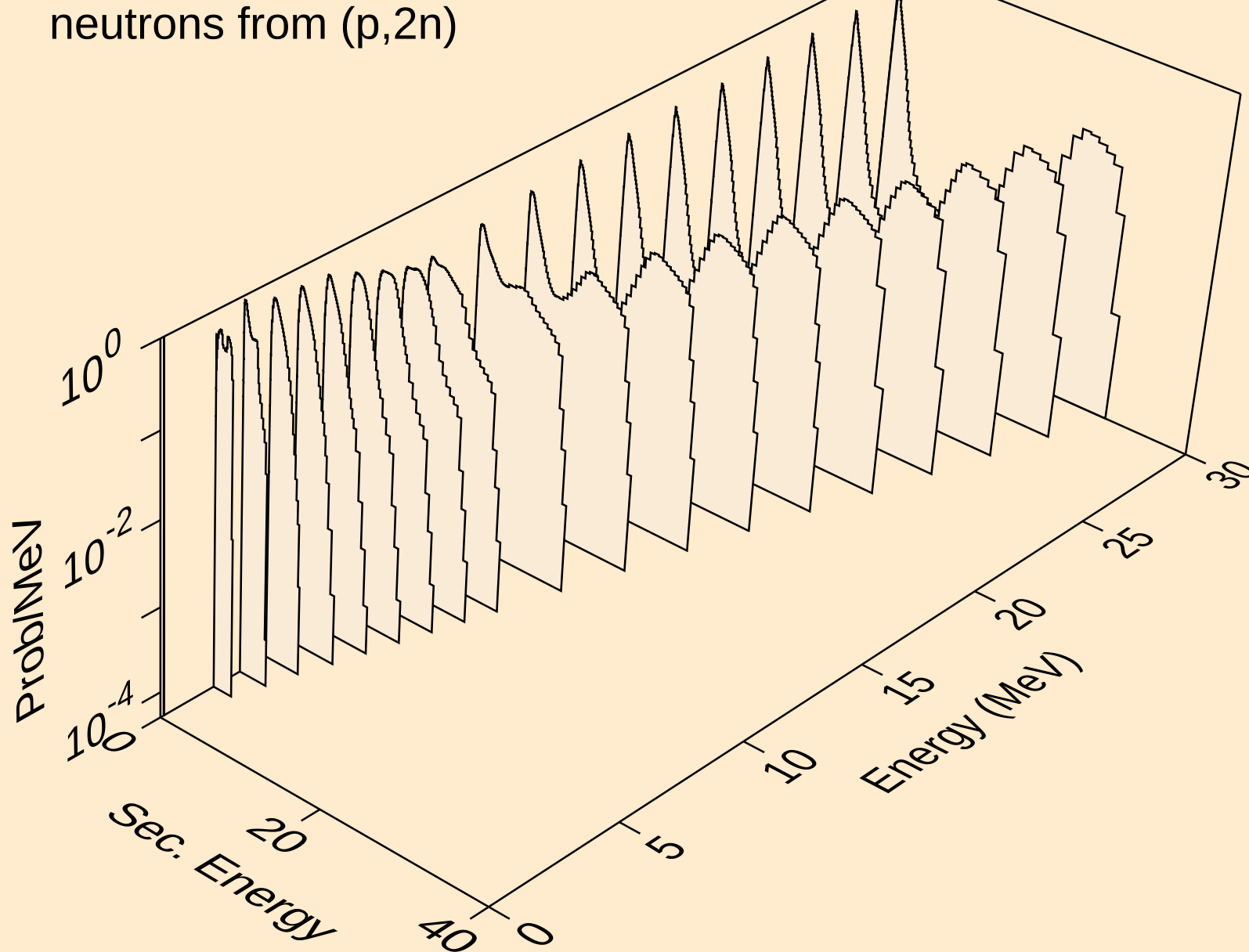
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



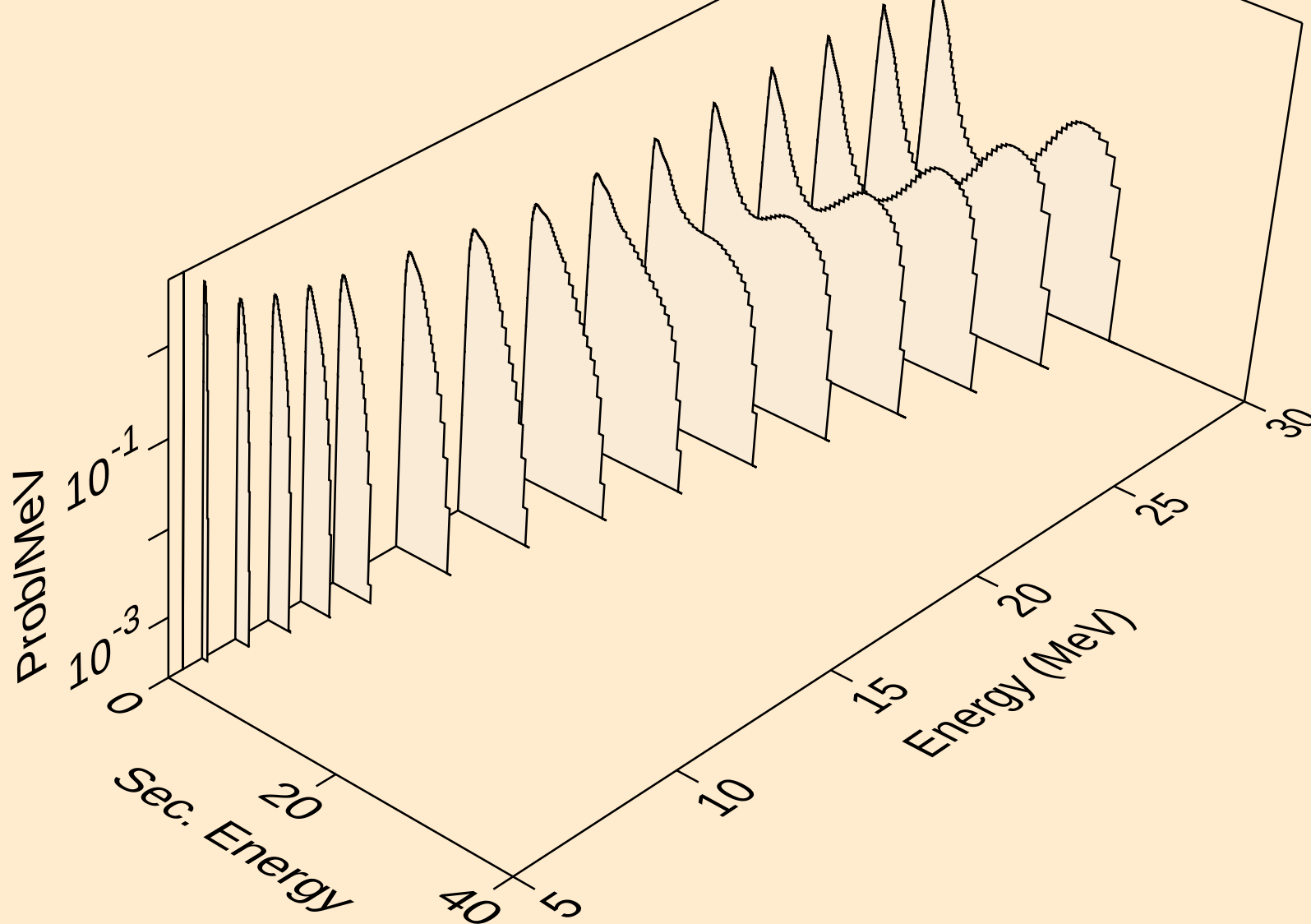
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2nd)



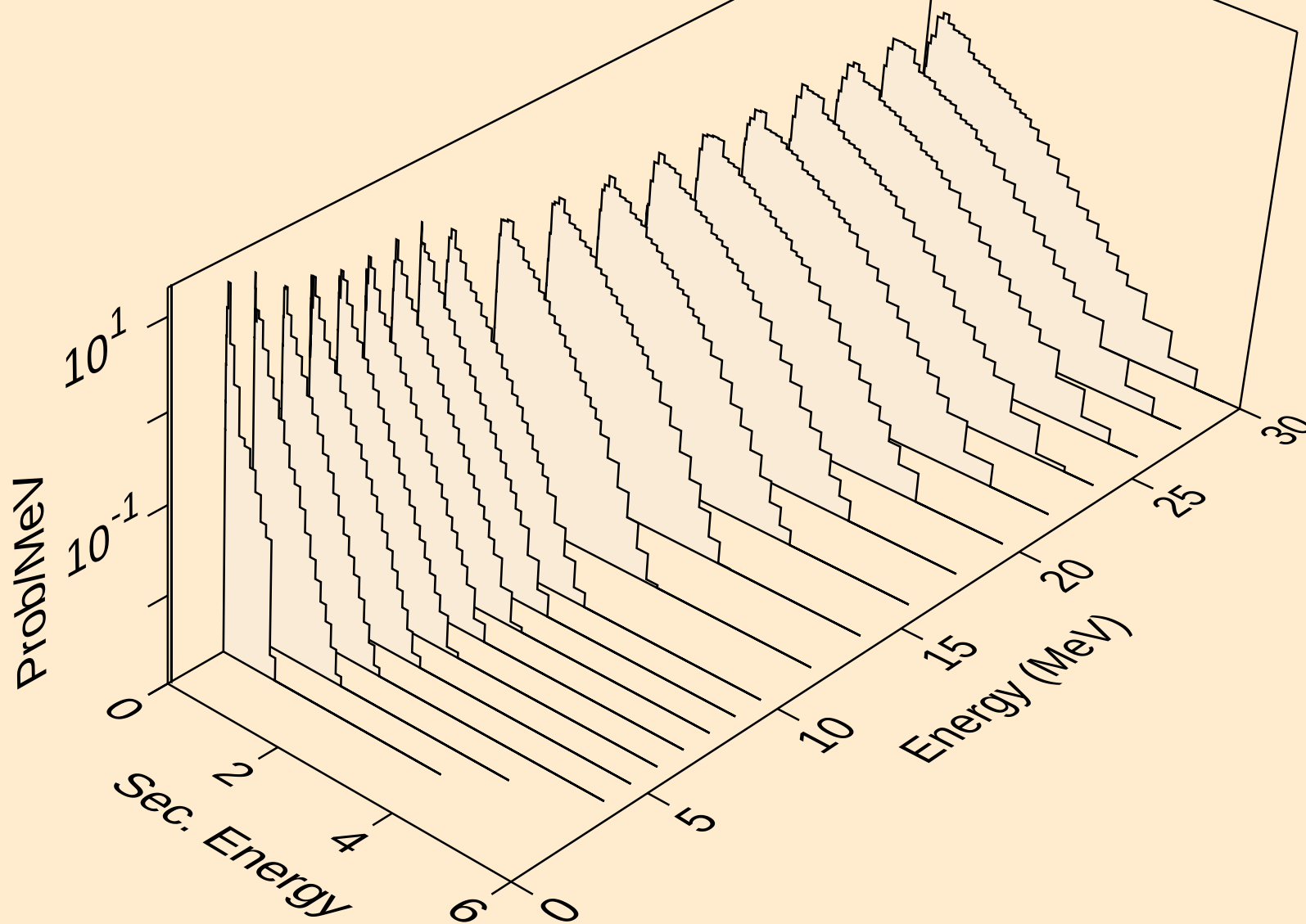
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



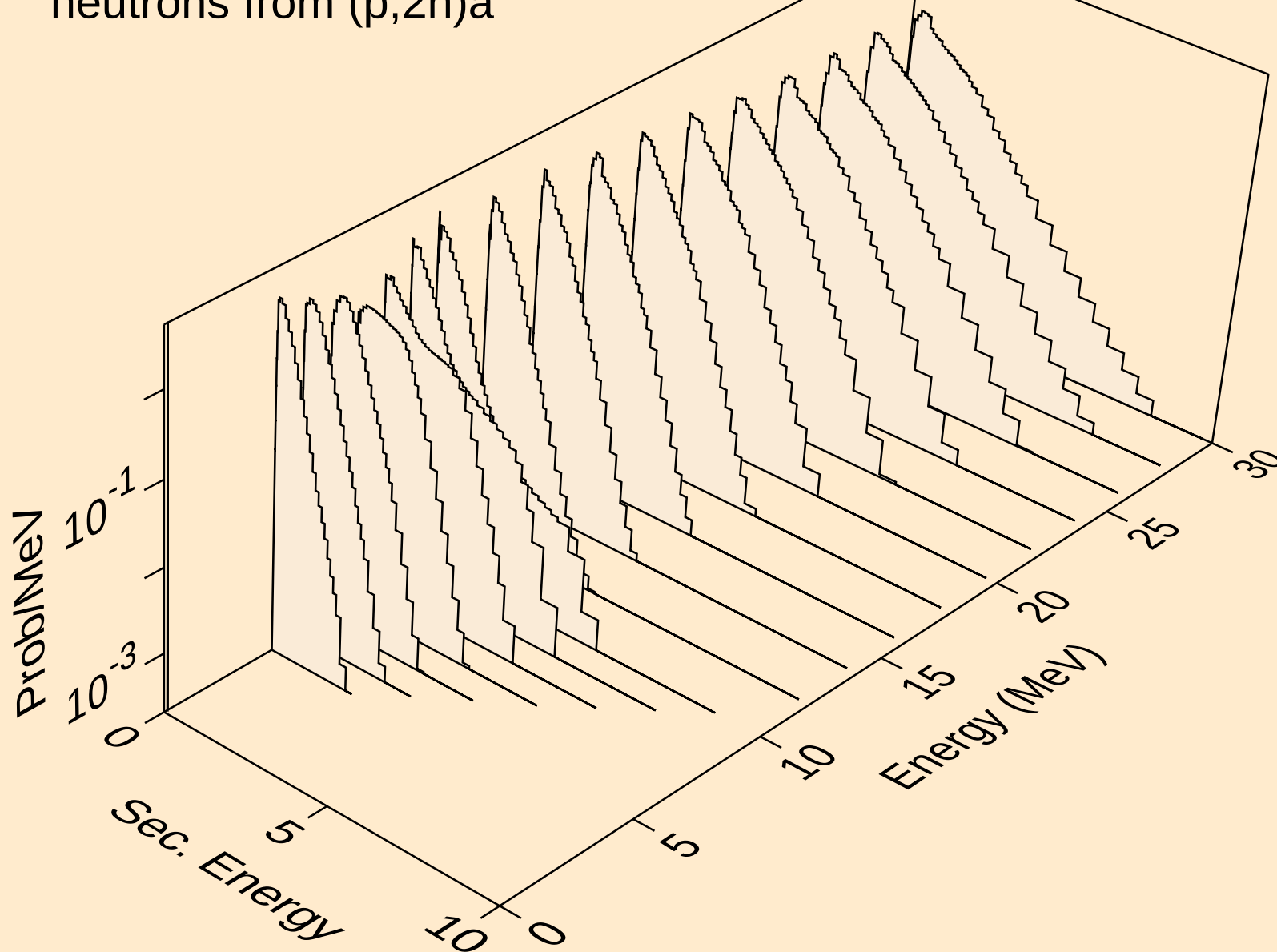
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



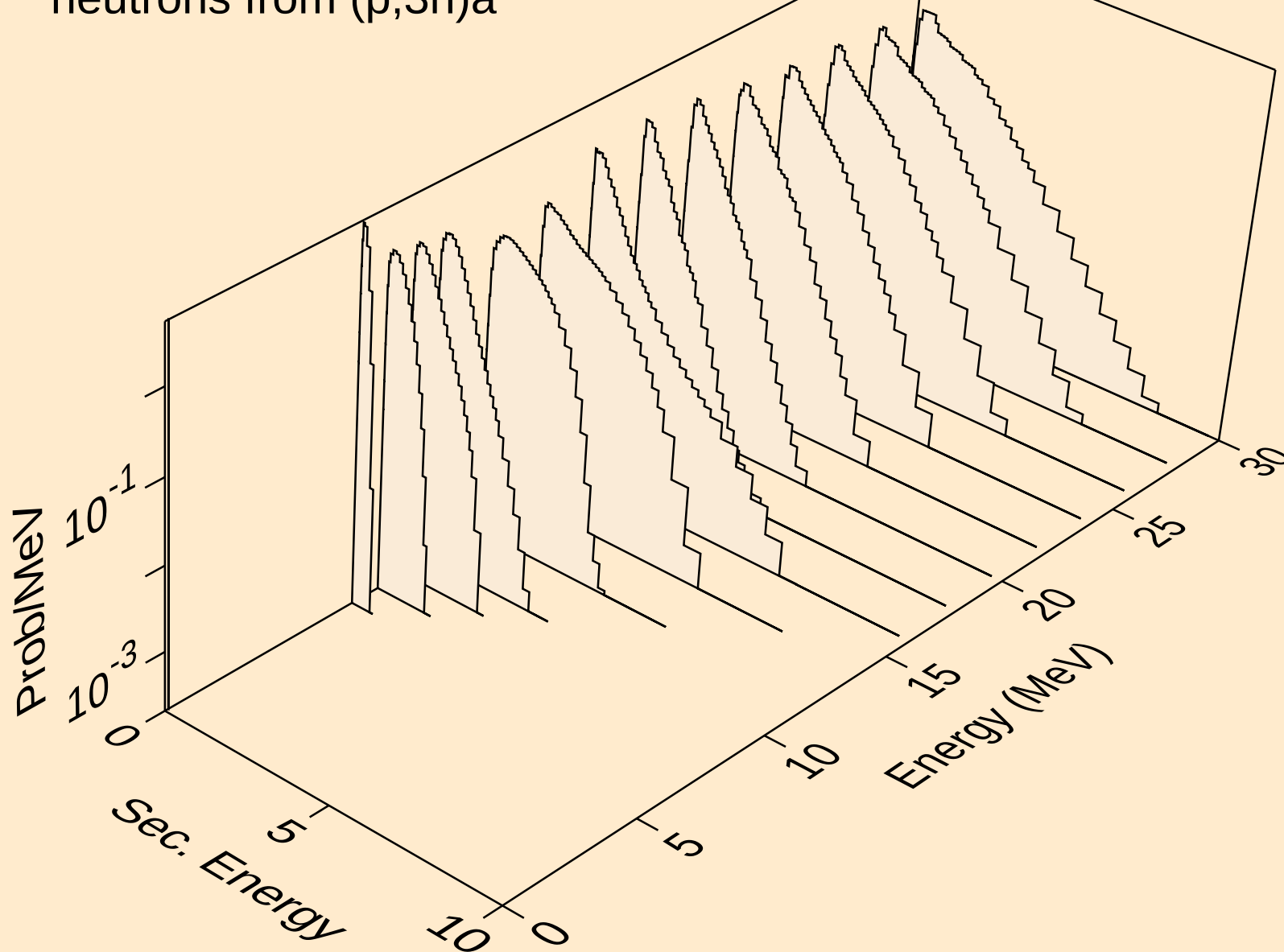
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)a



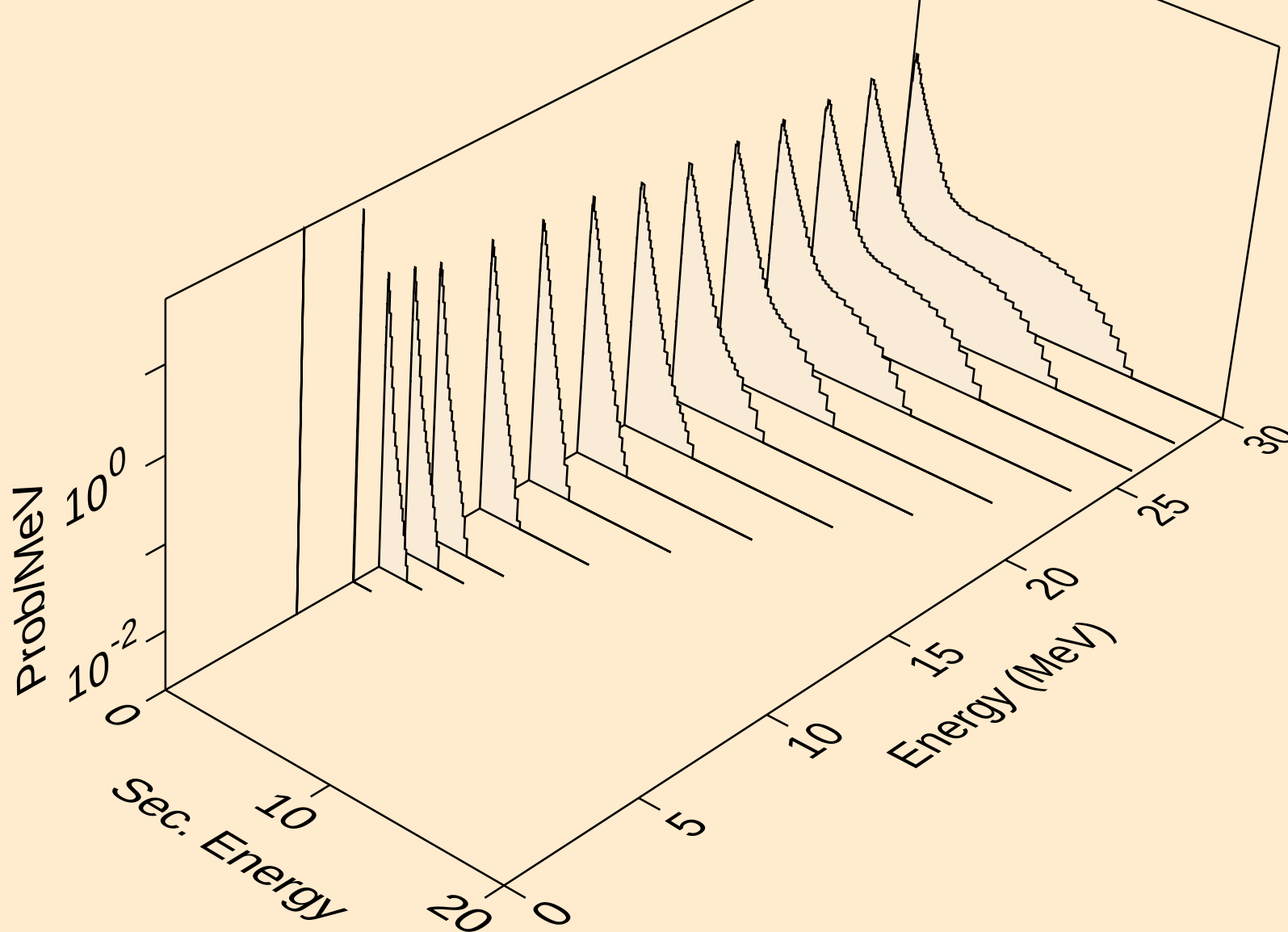
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



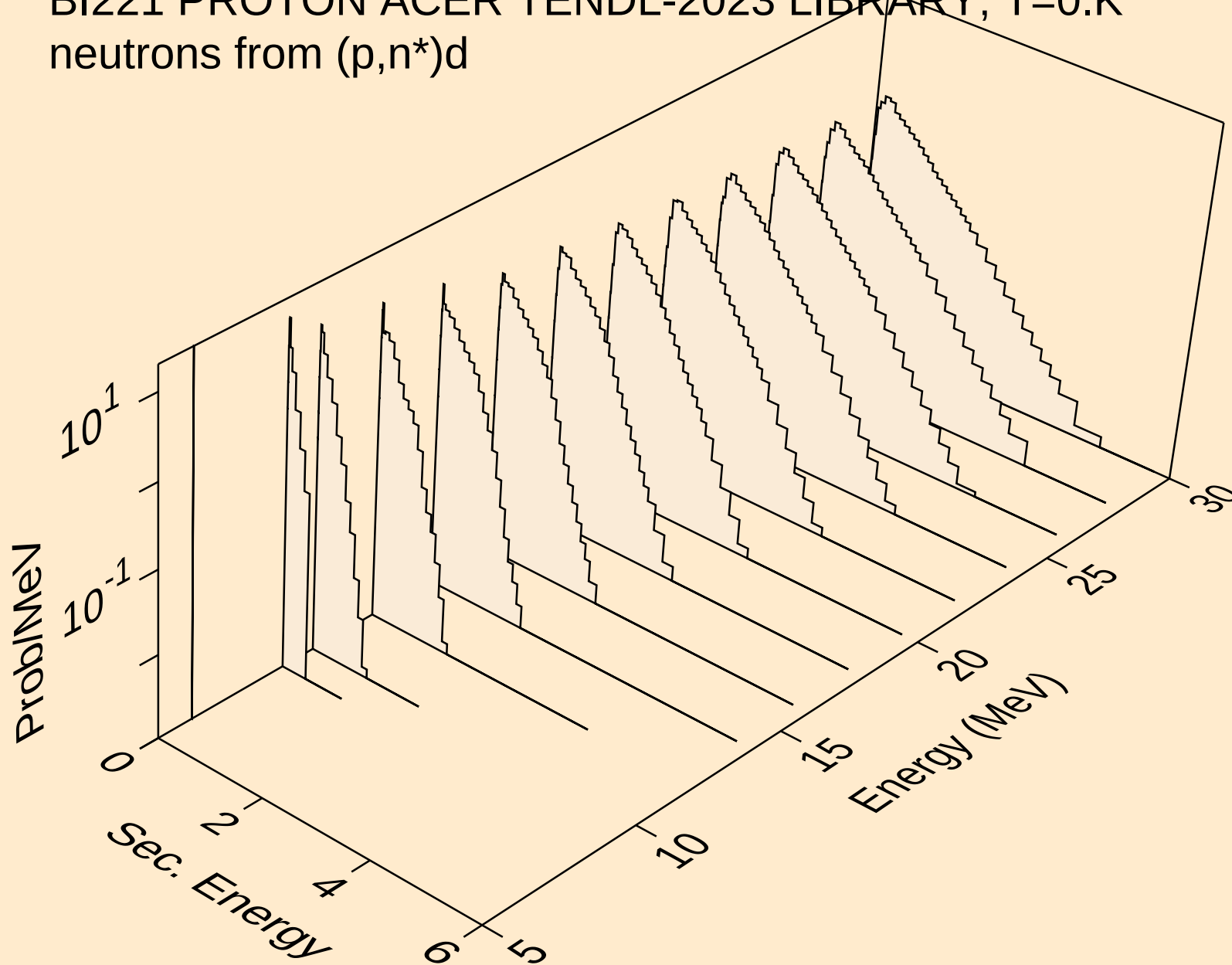
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)a



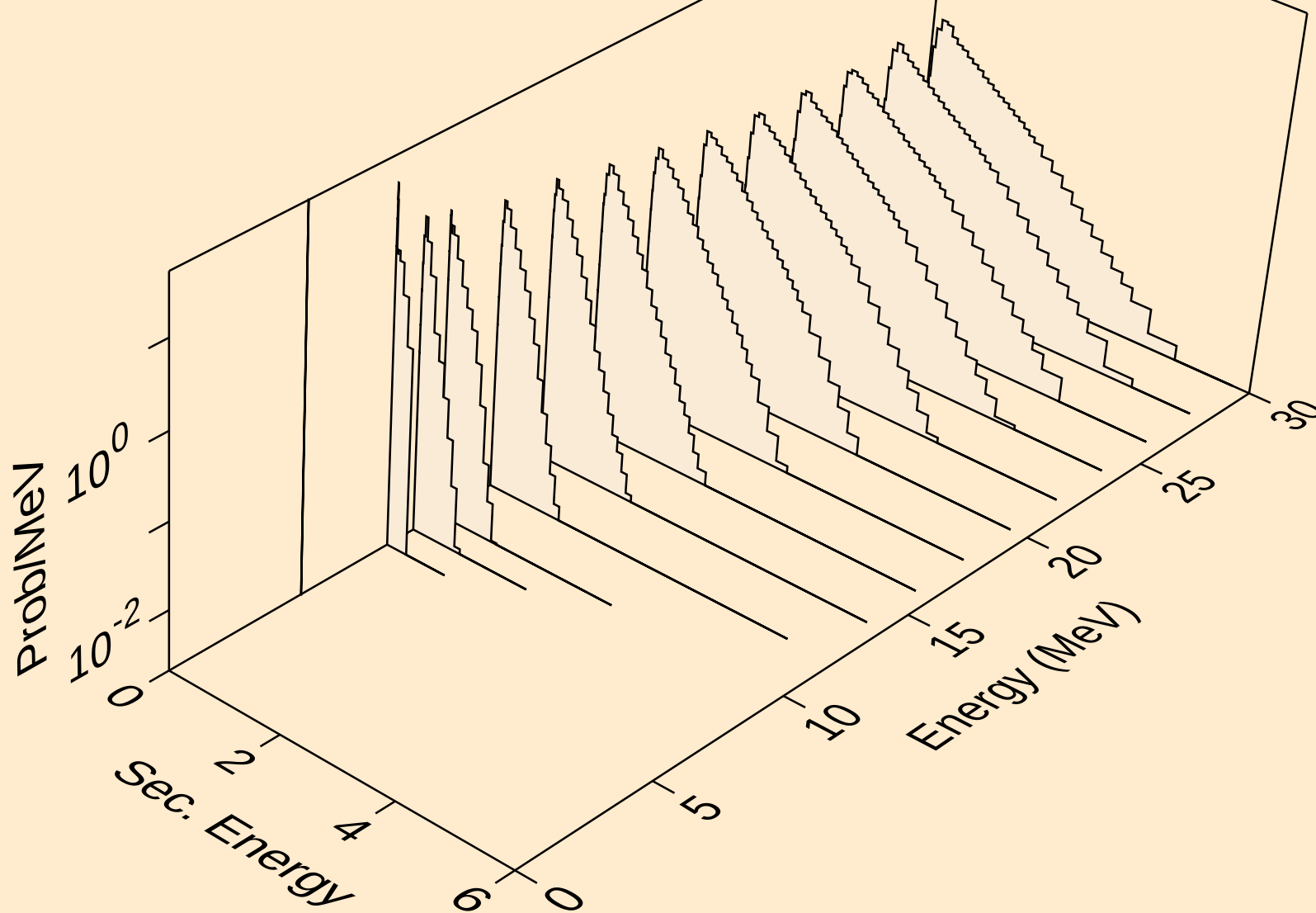
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)p



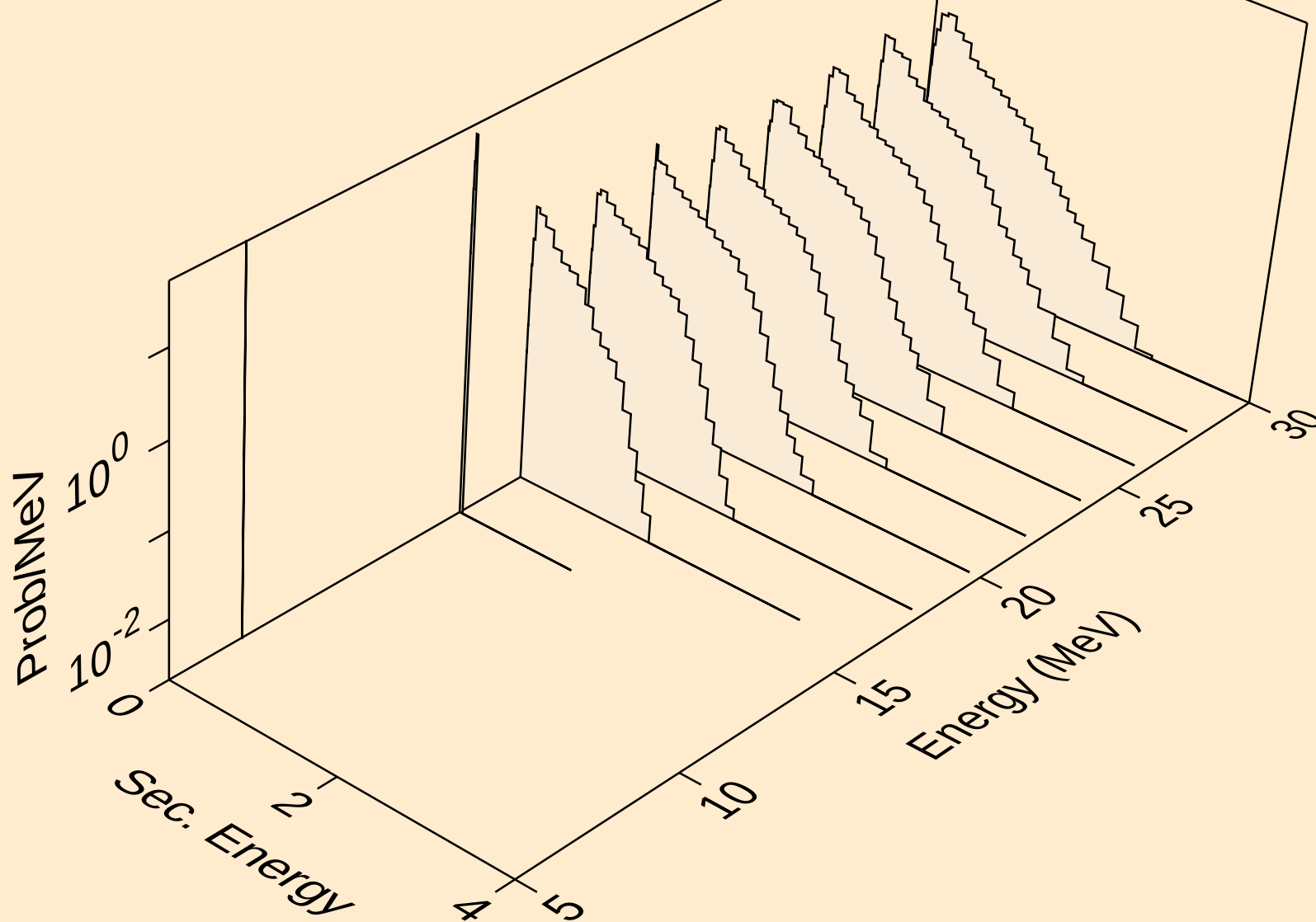
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)d



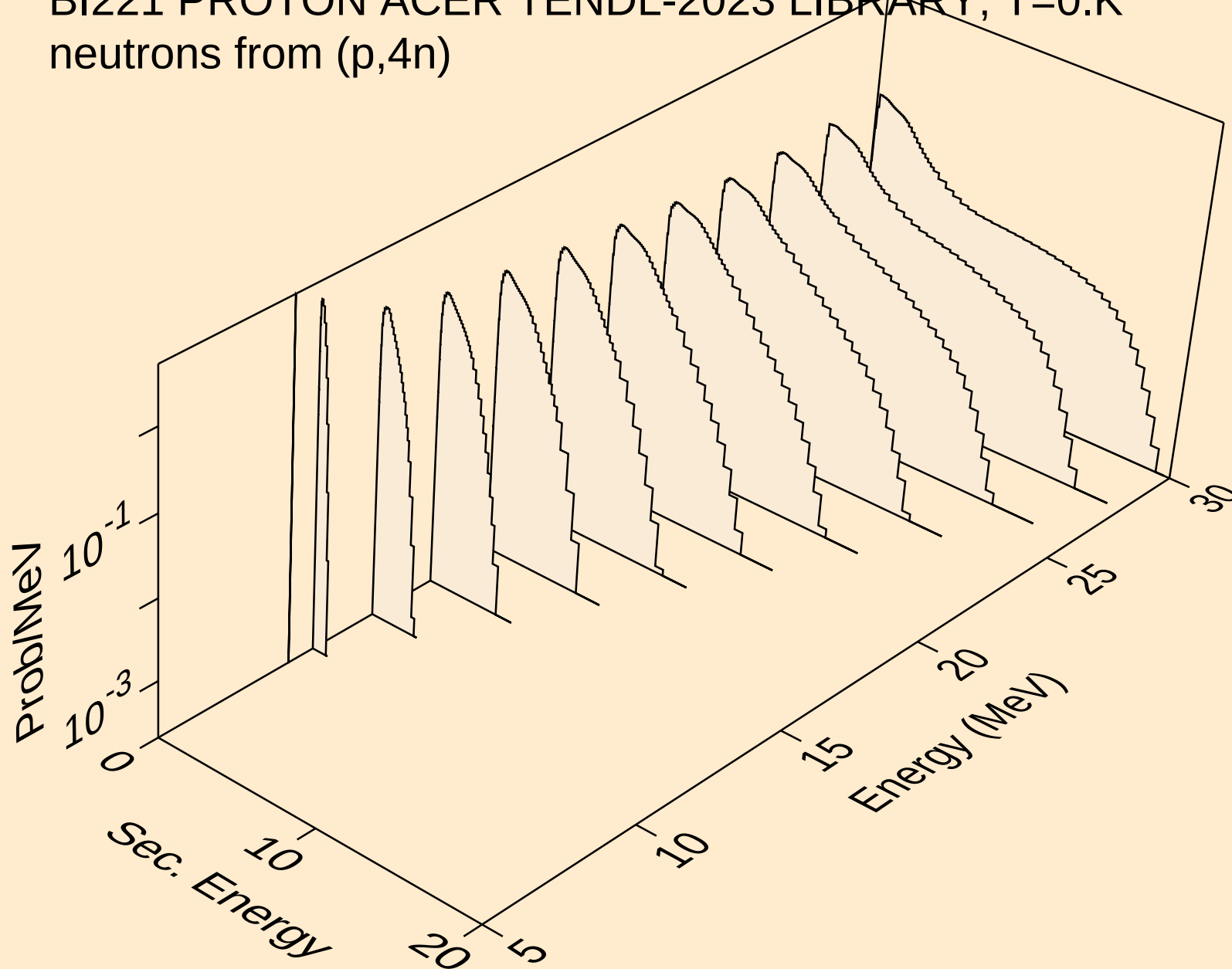
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t



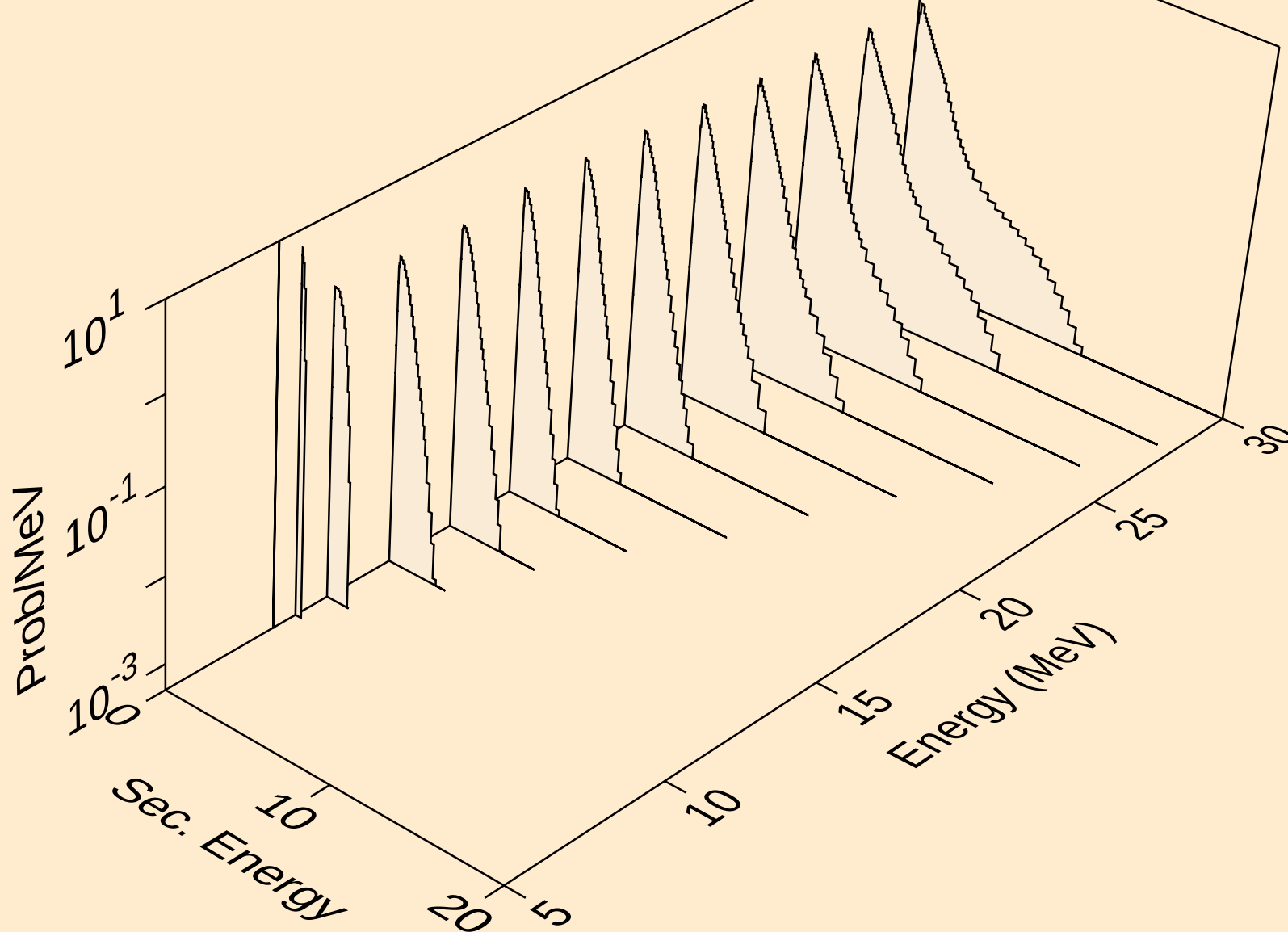
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



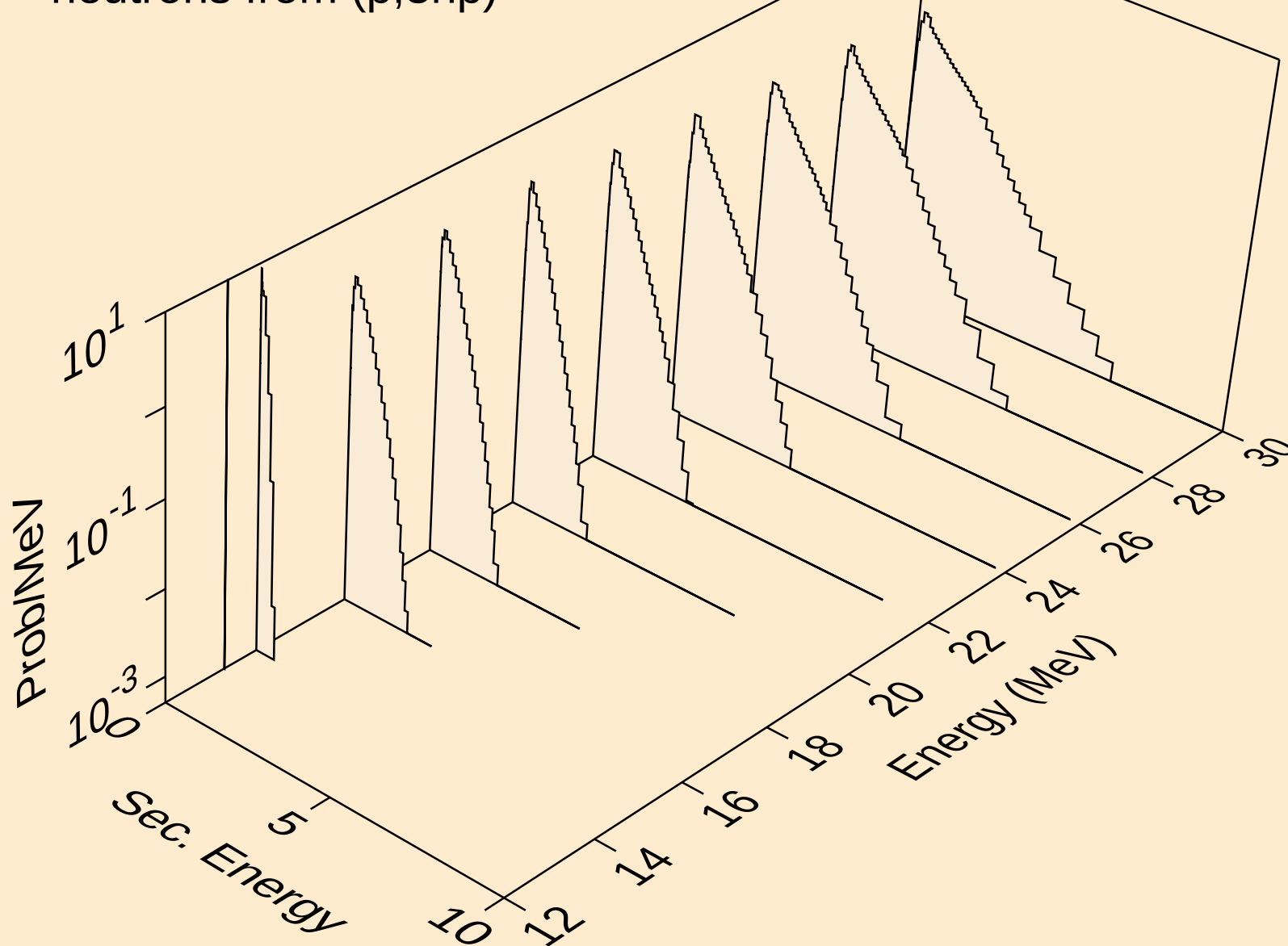
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,4n)



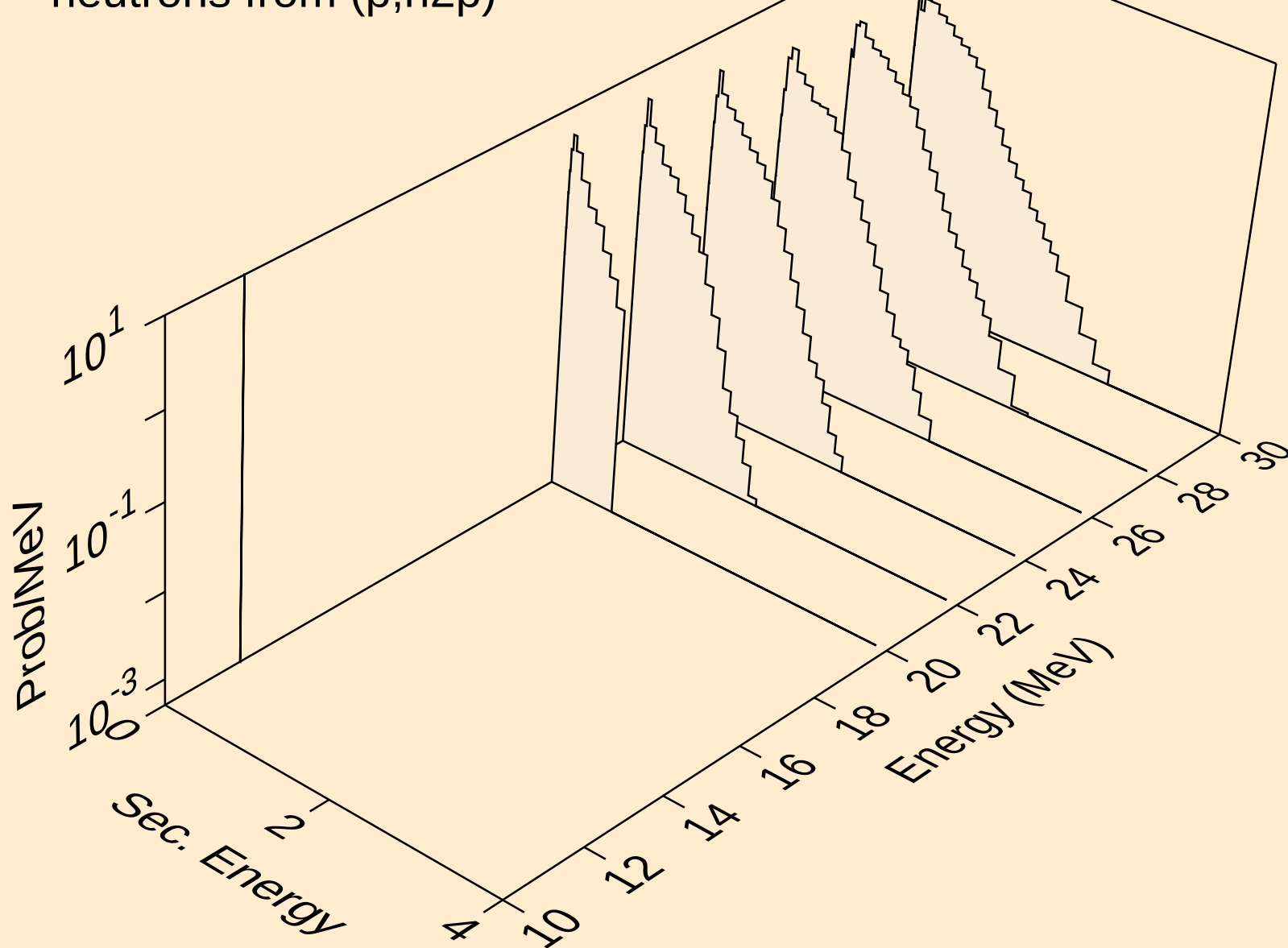
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2np)



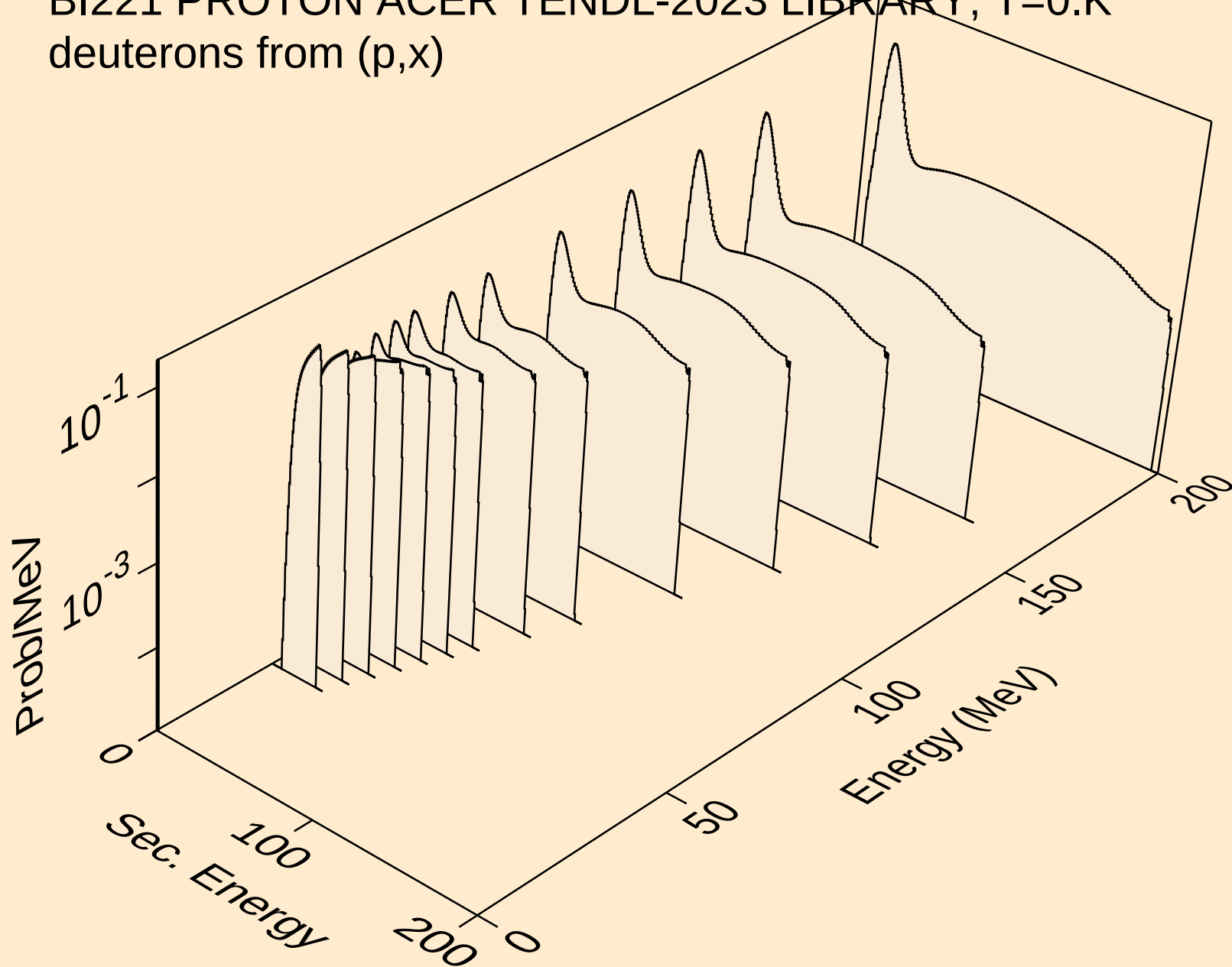
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3np)



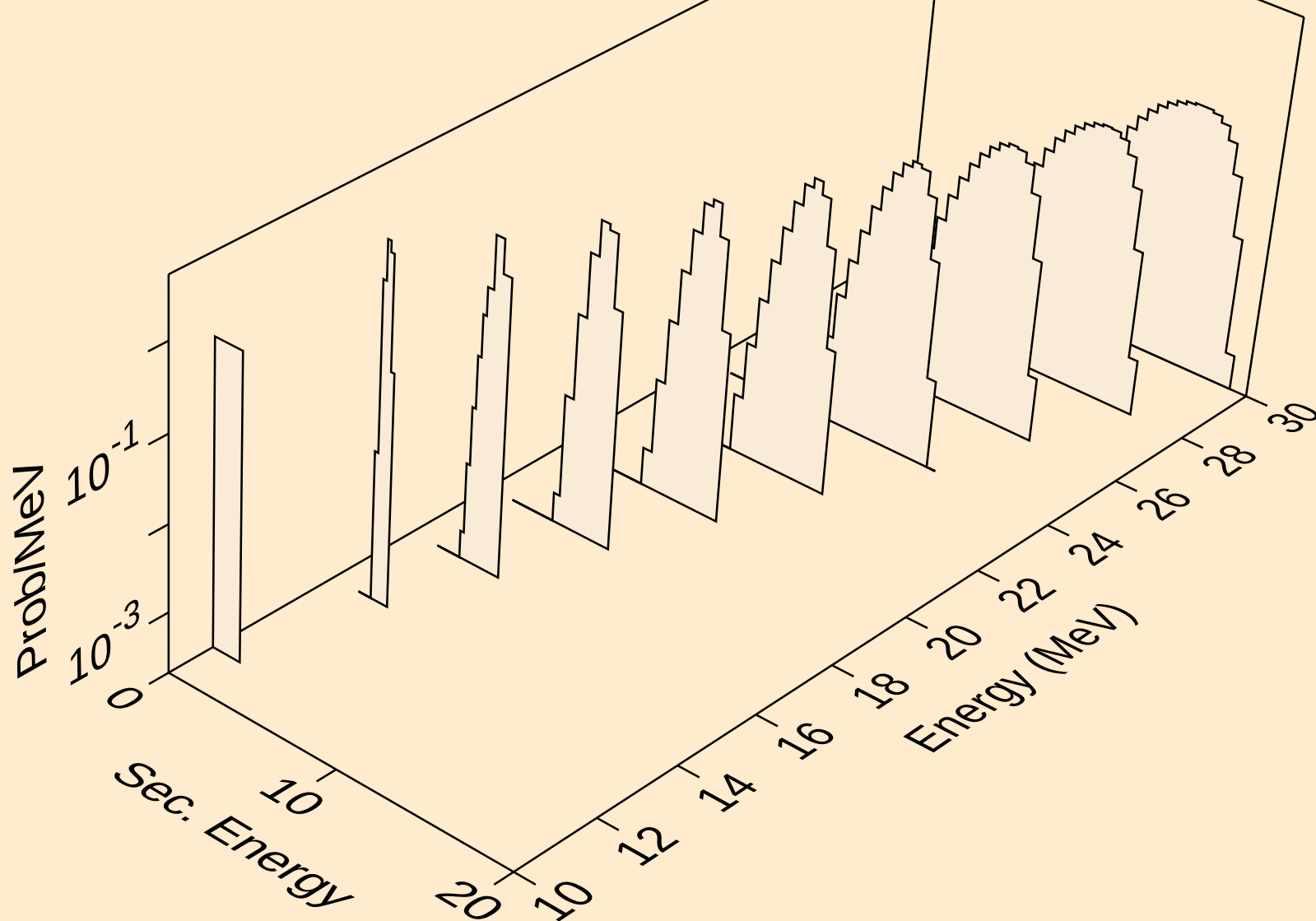
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n2p)



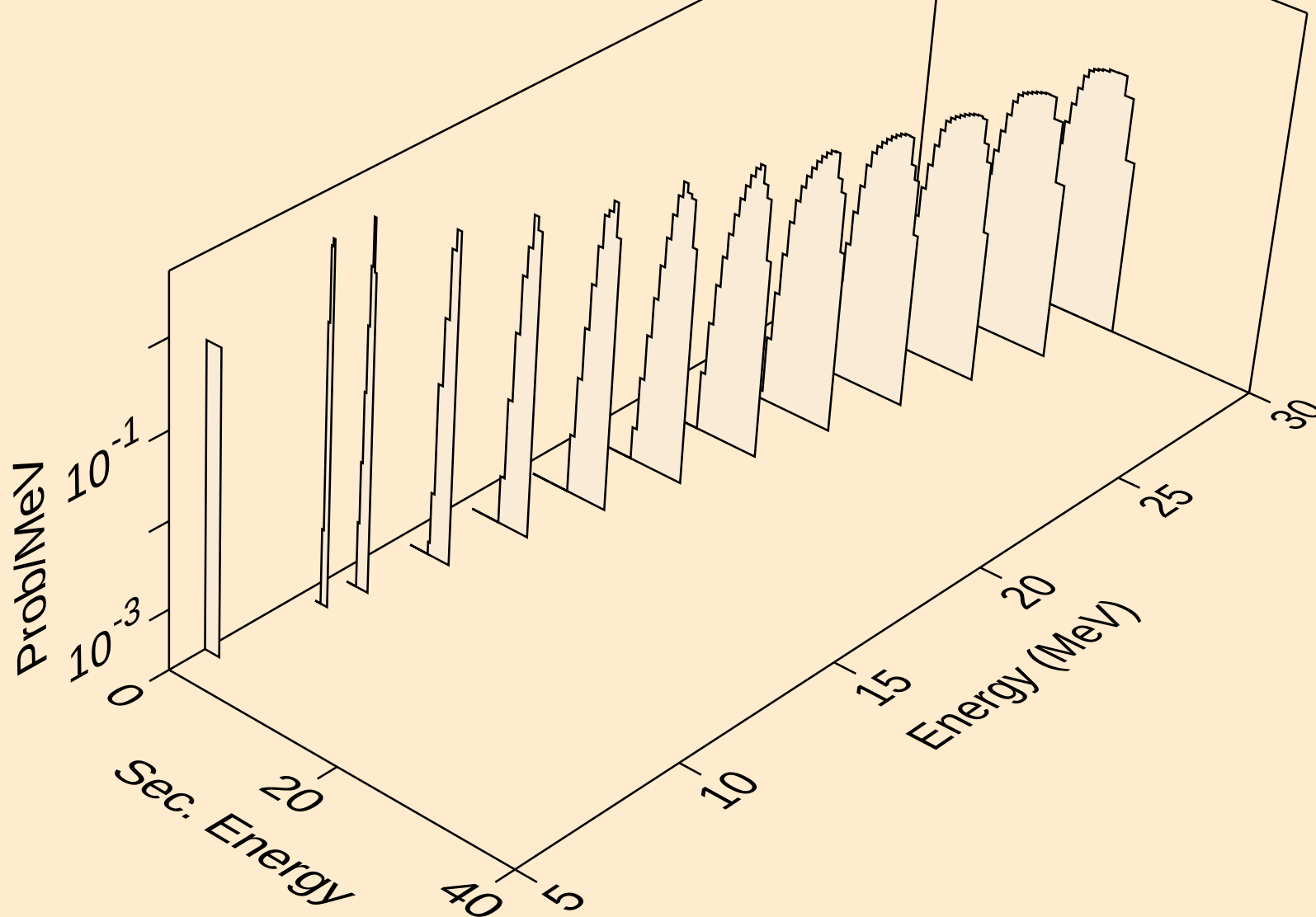
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



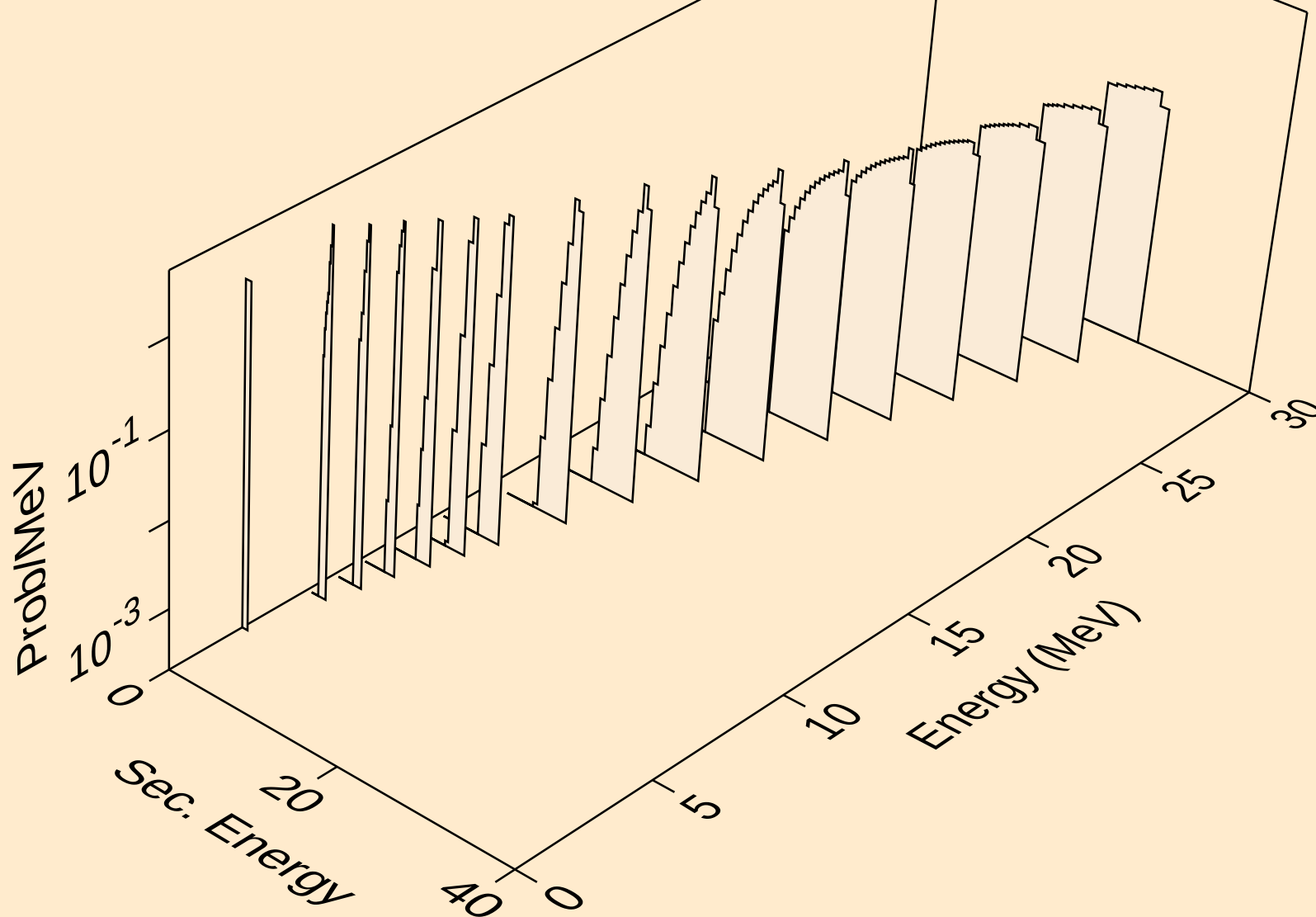
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,2nd)



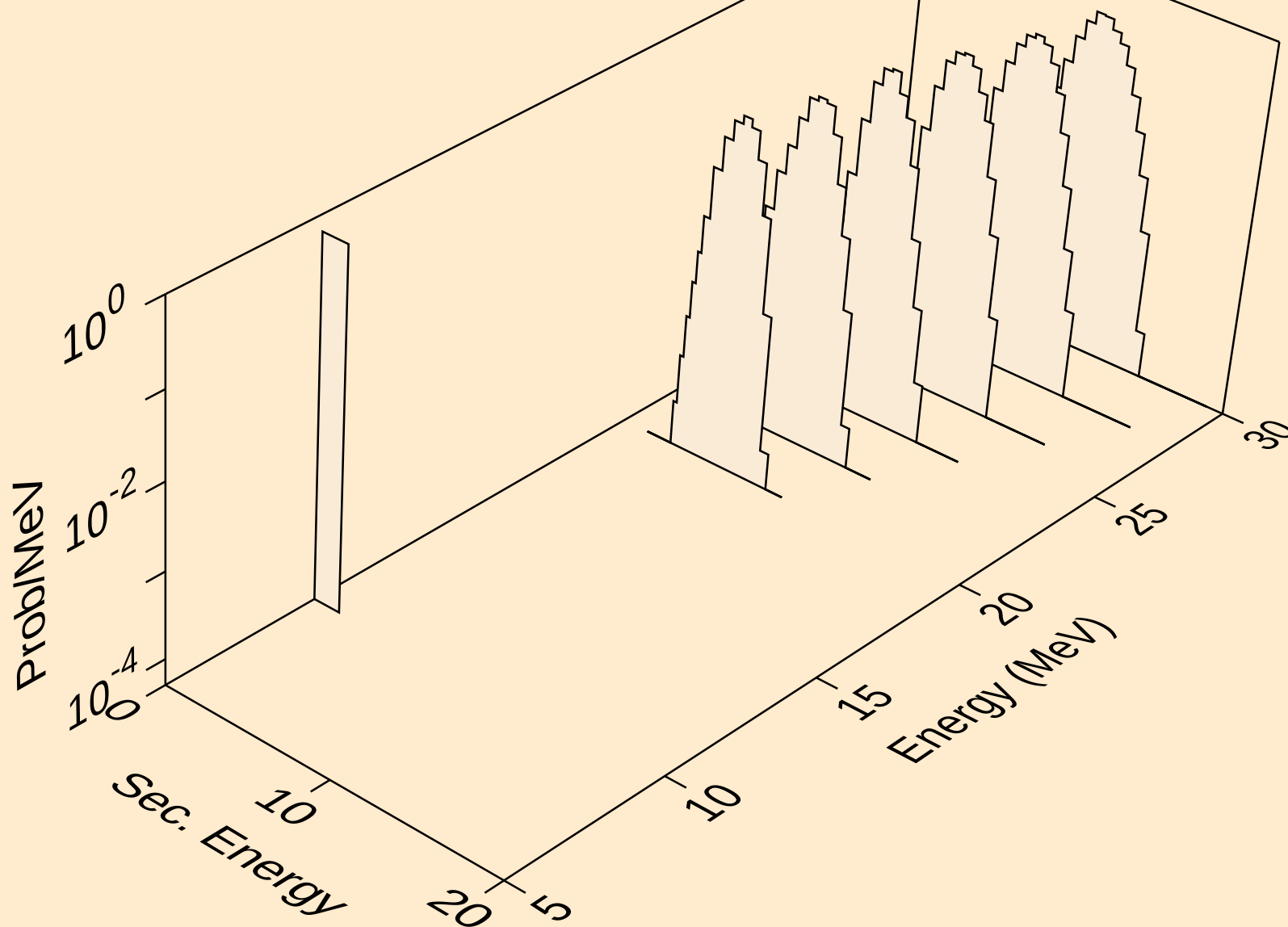
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,n*)d



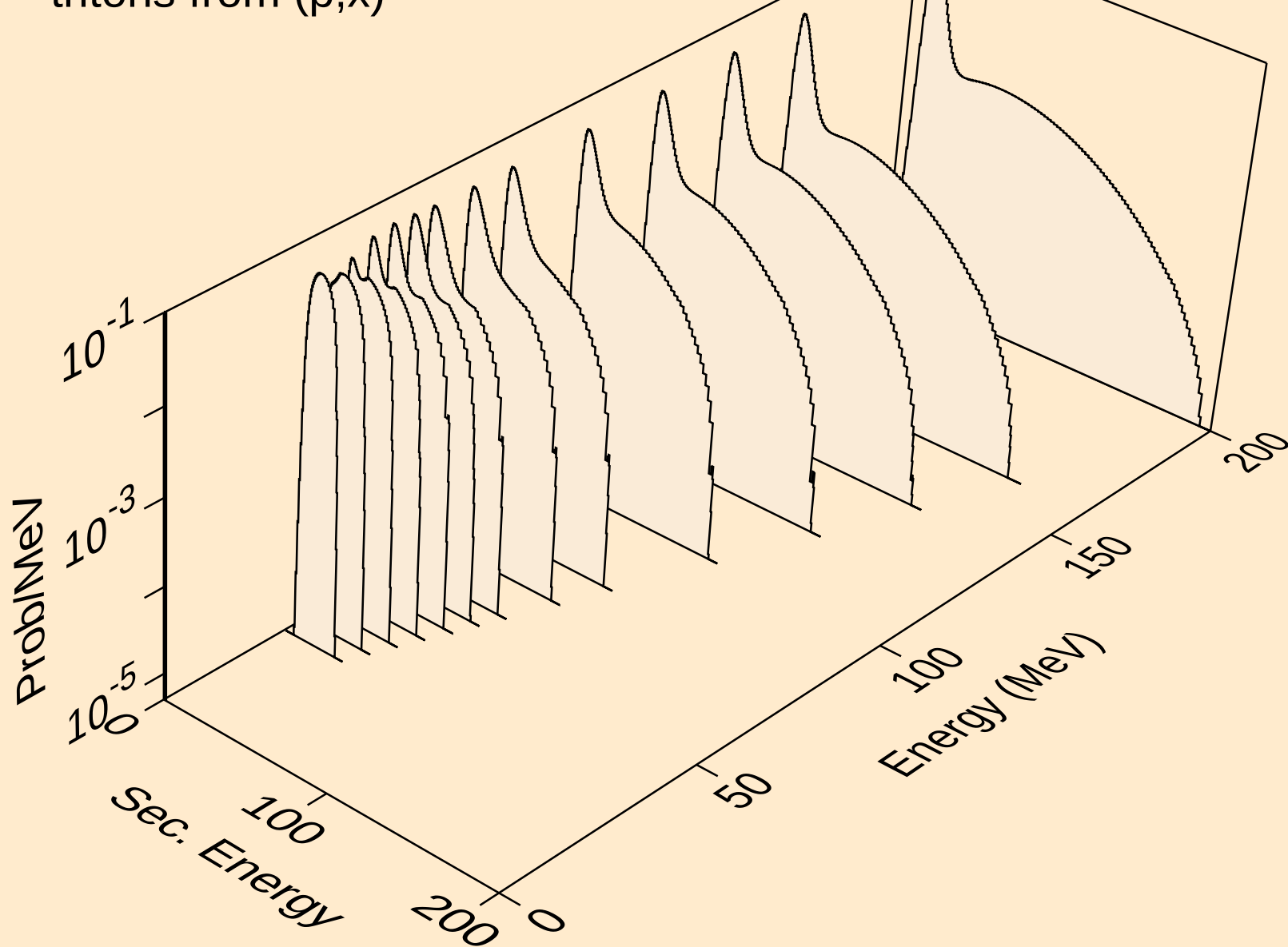
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,d)



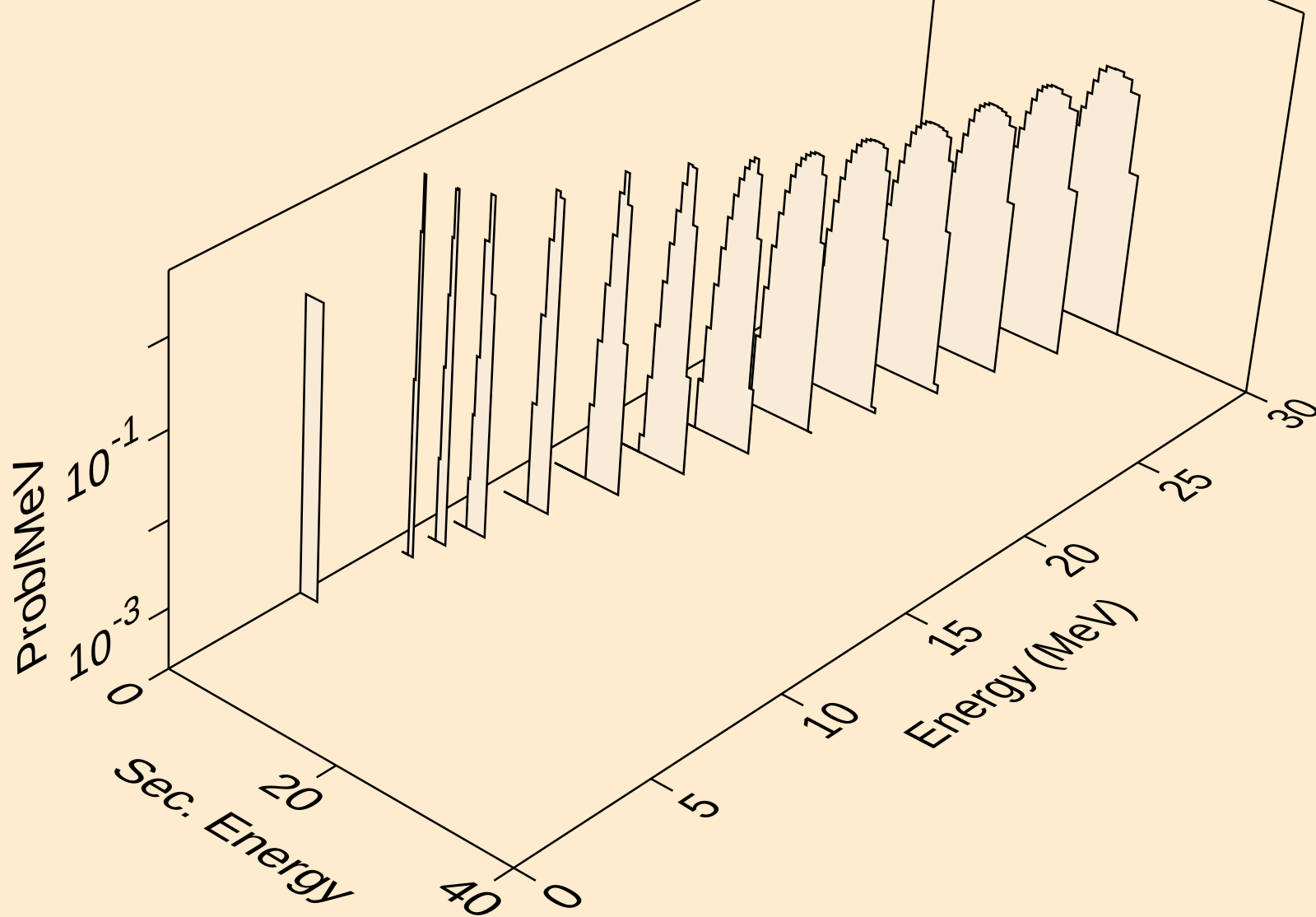
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,pd)



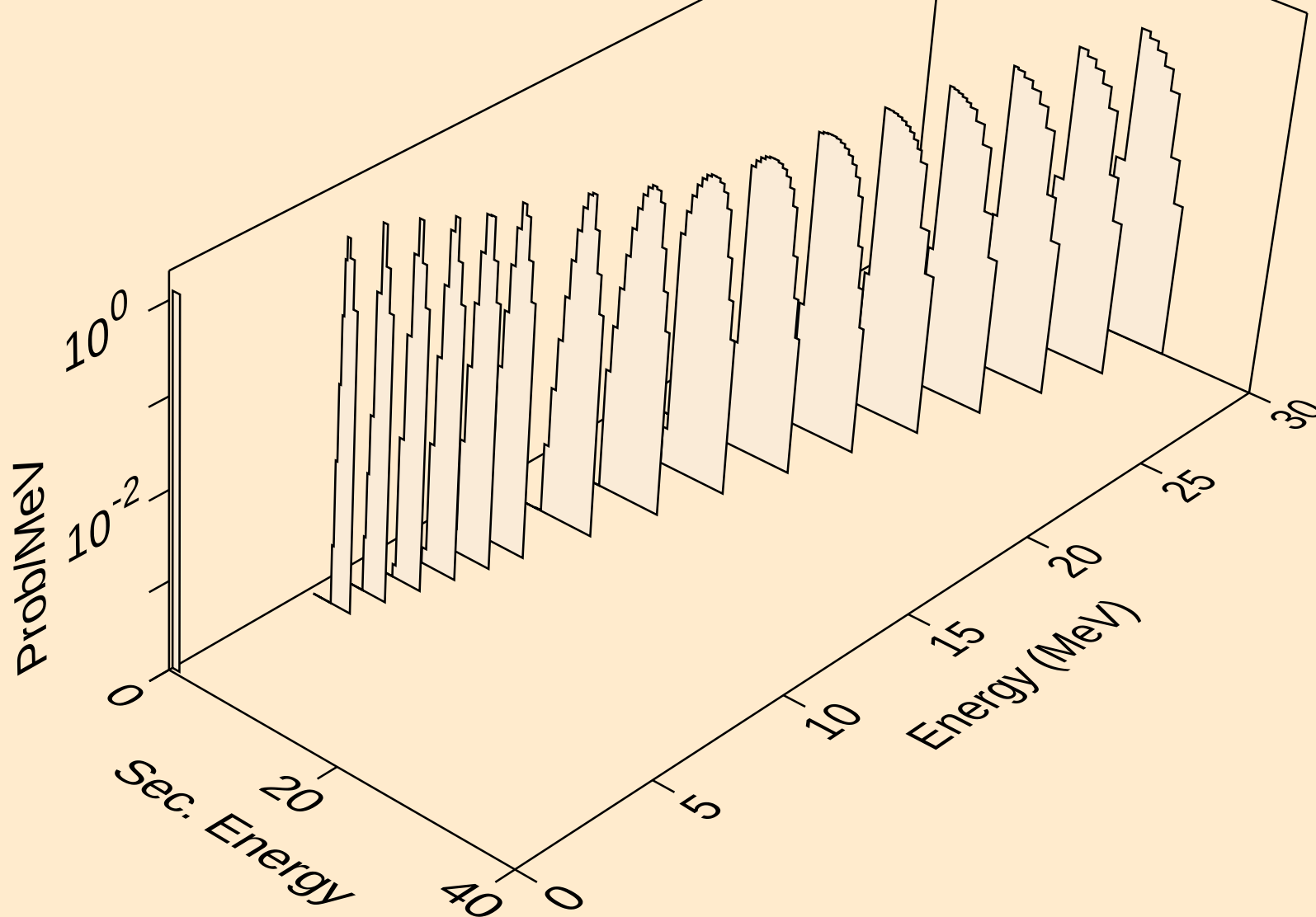
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



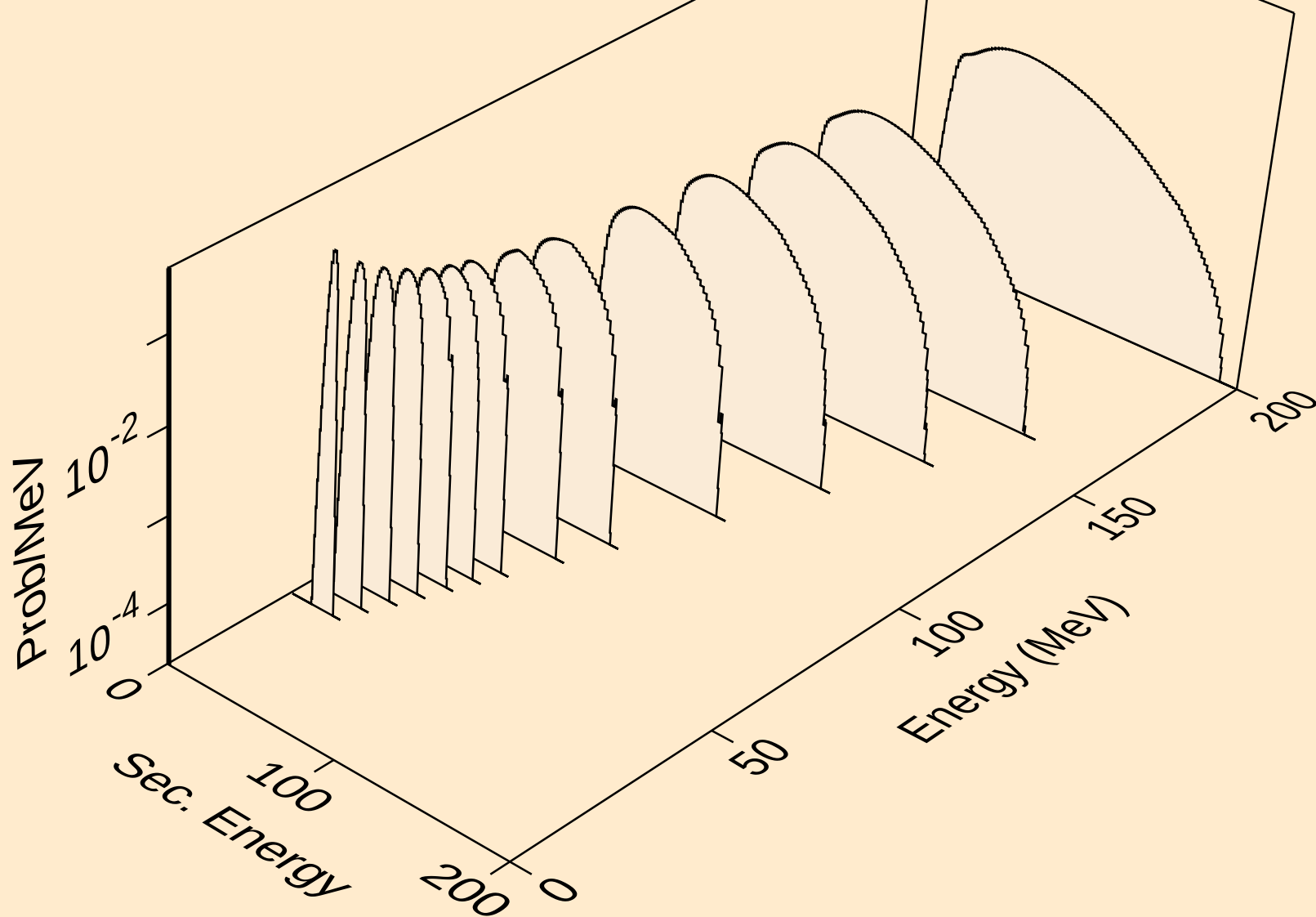
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t



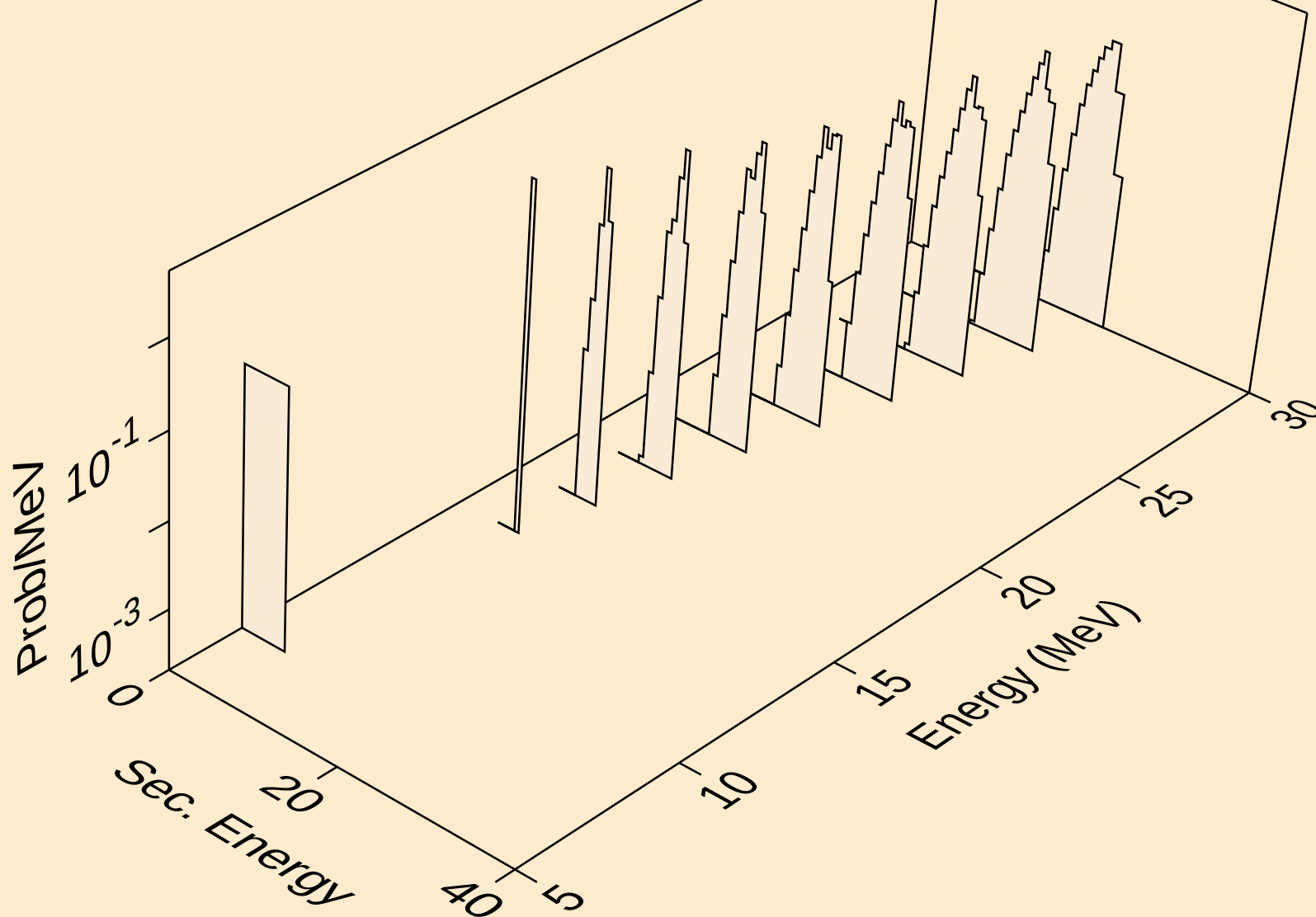
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



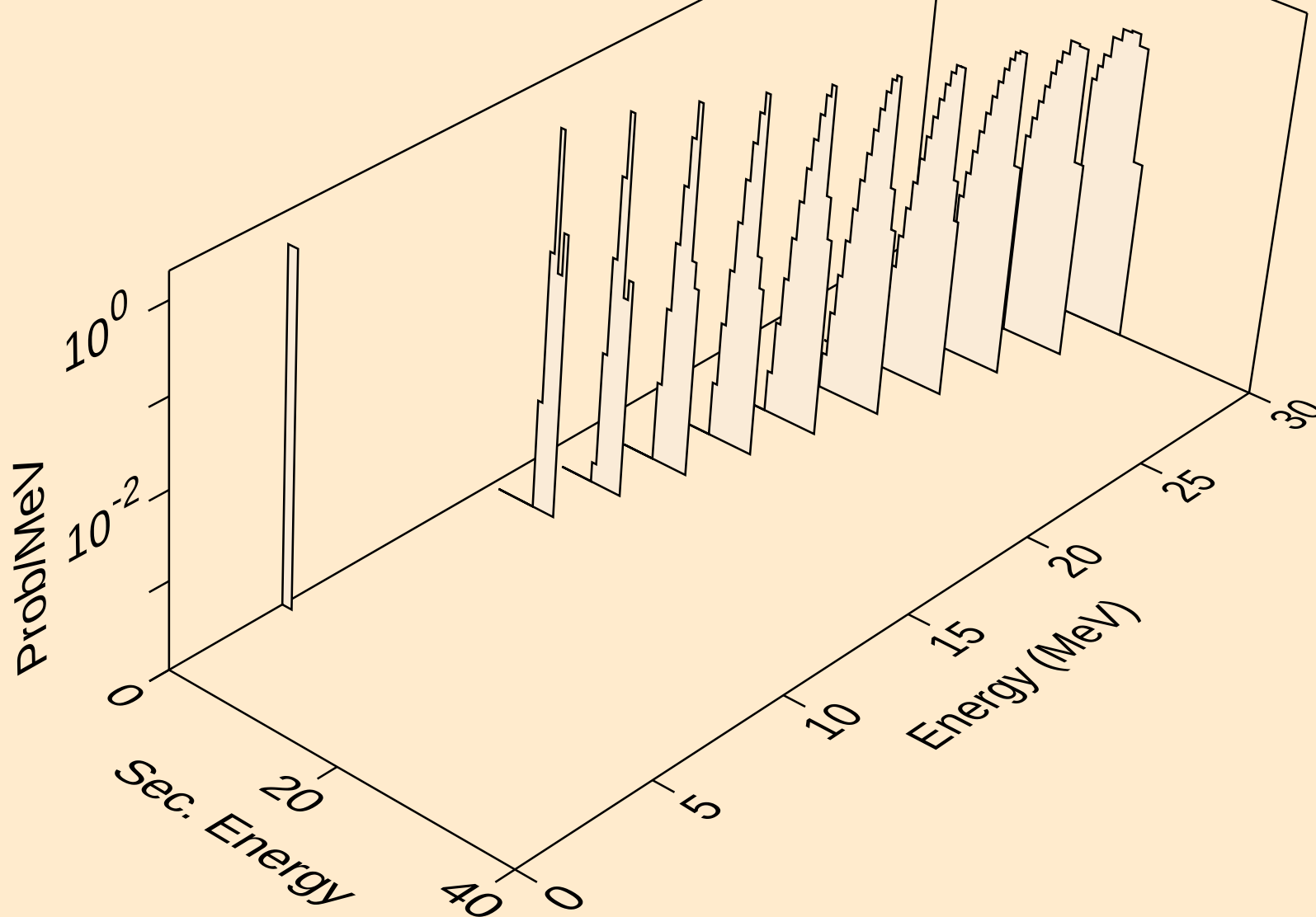
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



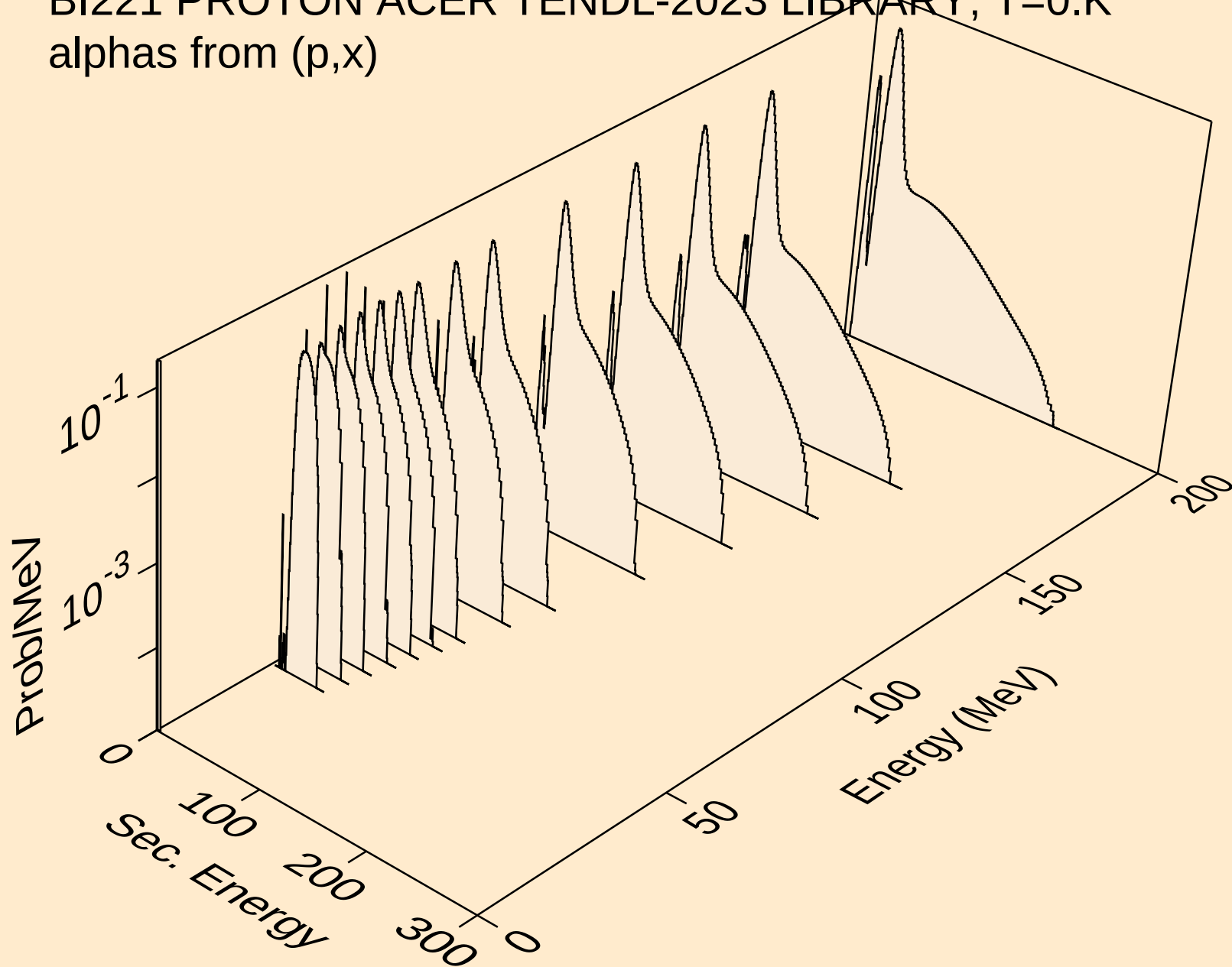
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



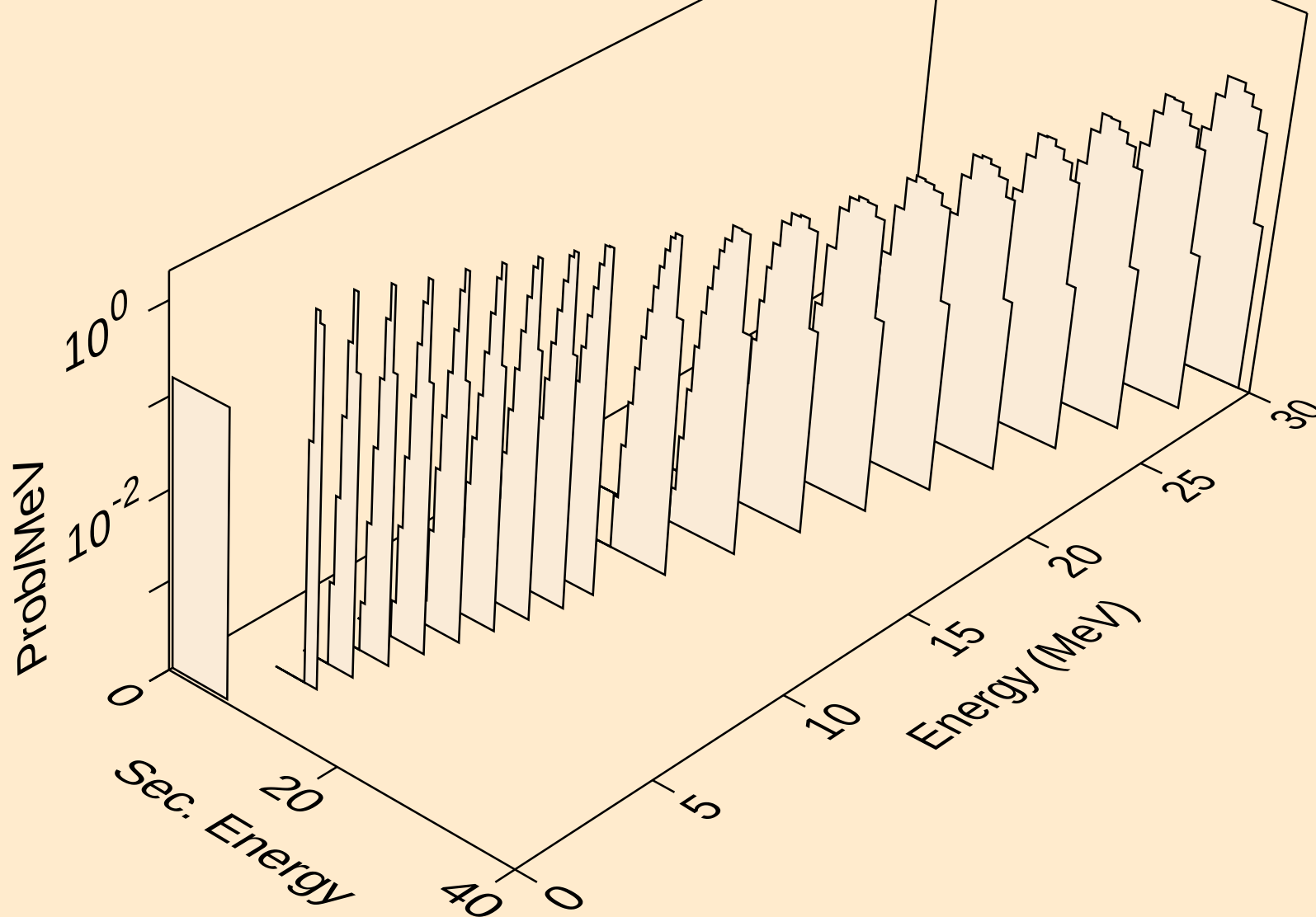
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



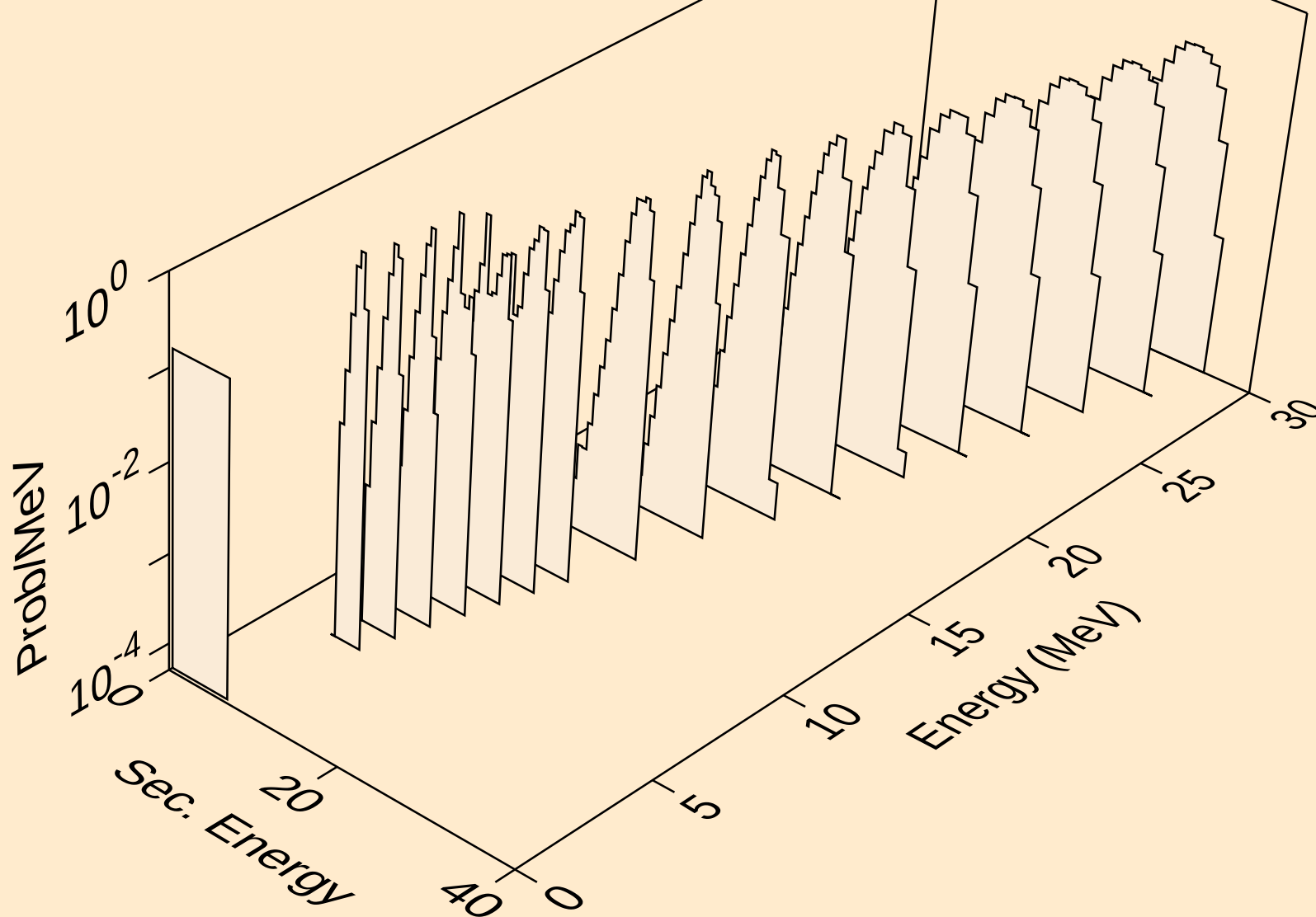
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



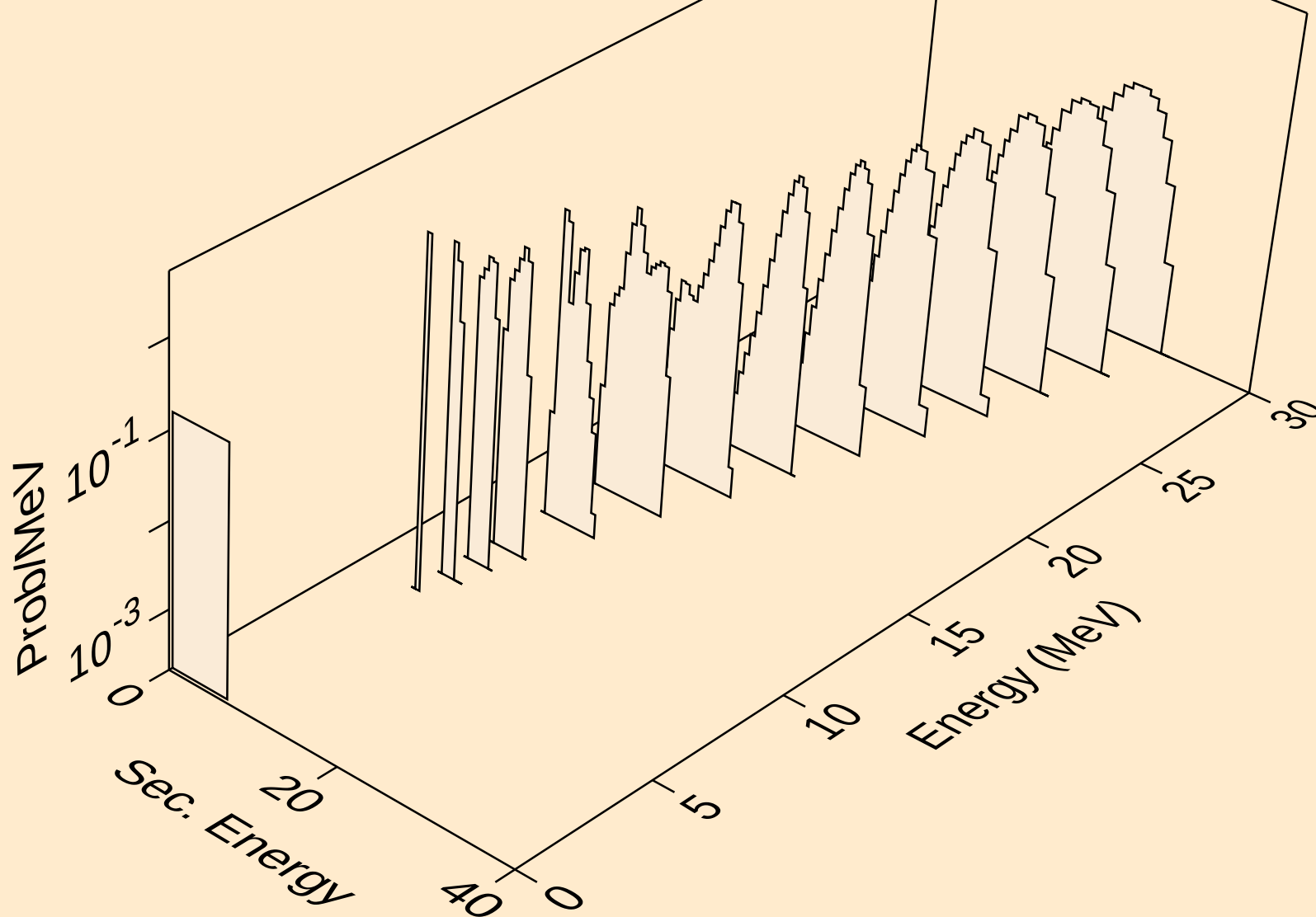
BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



BI221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)

