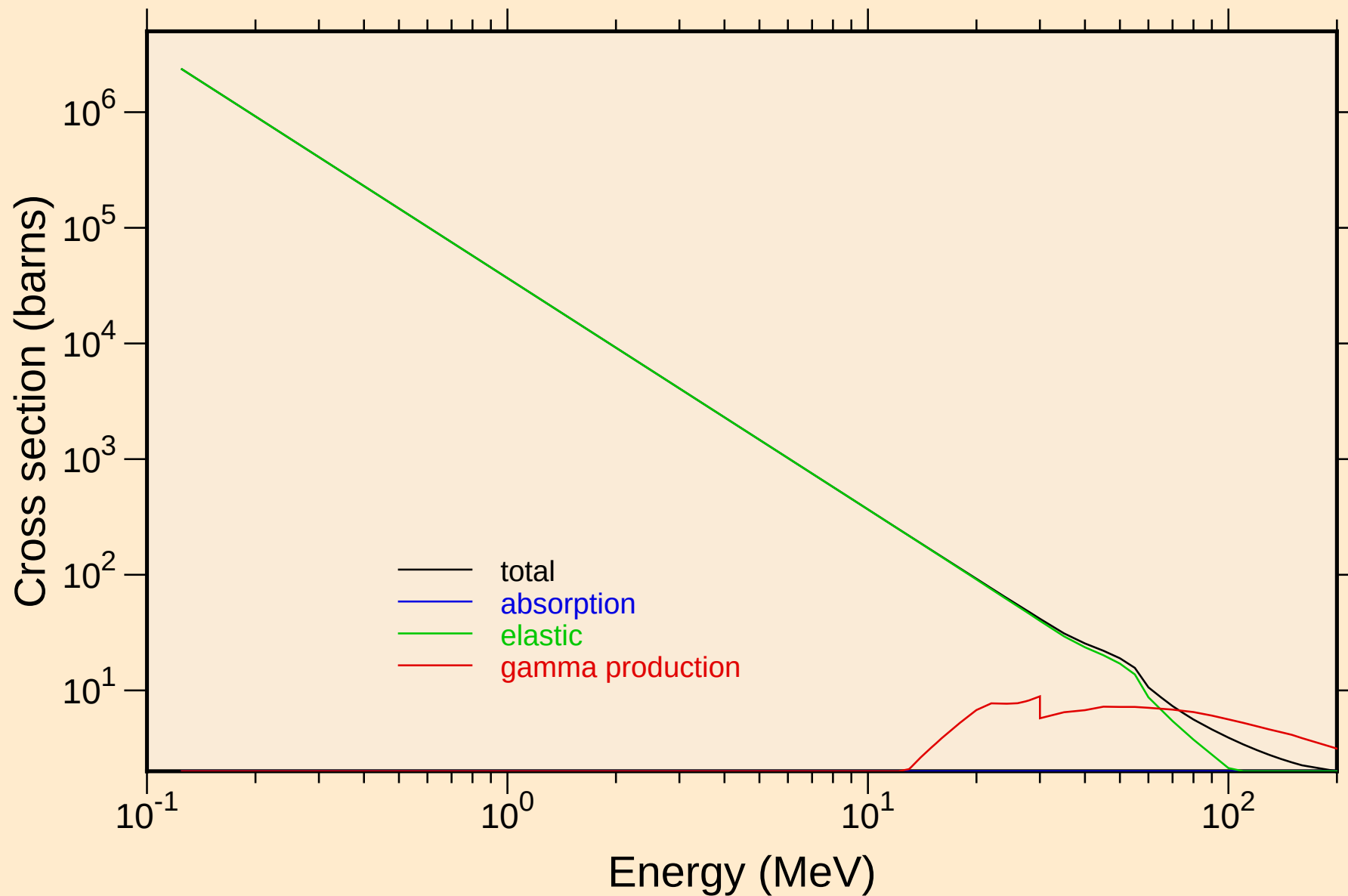


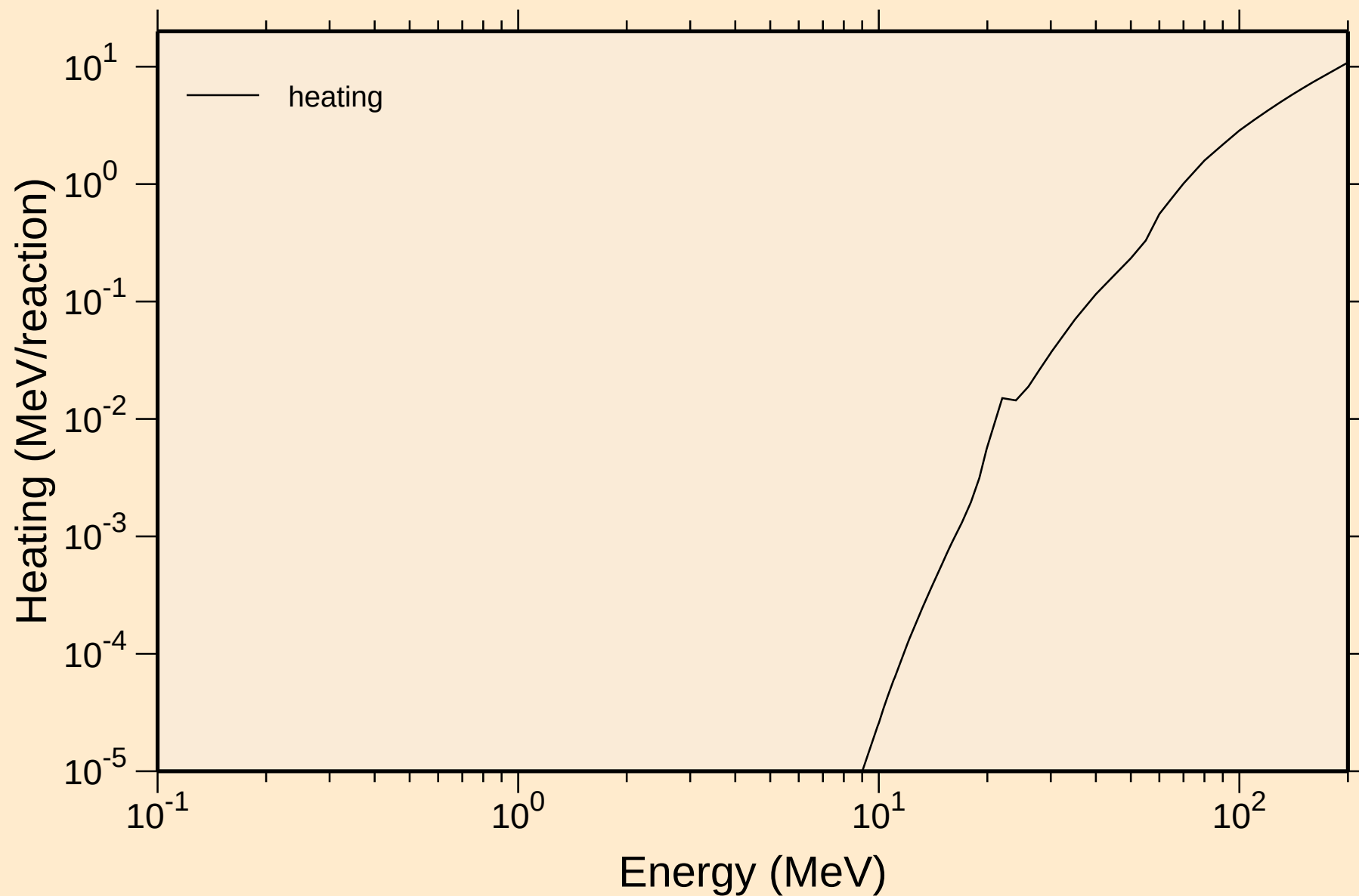
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



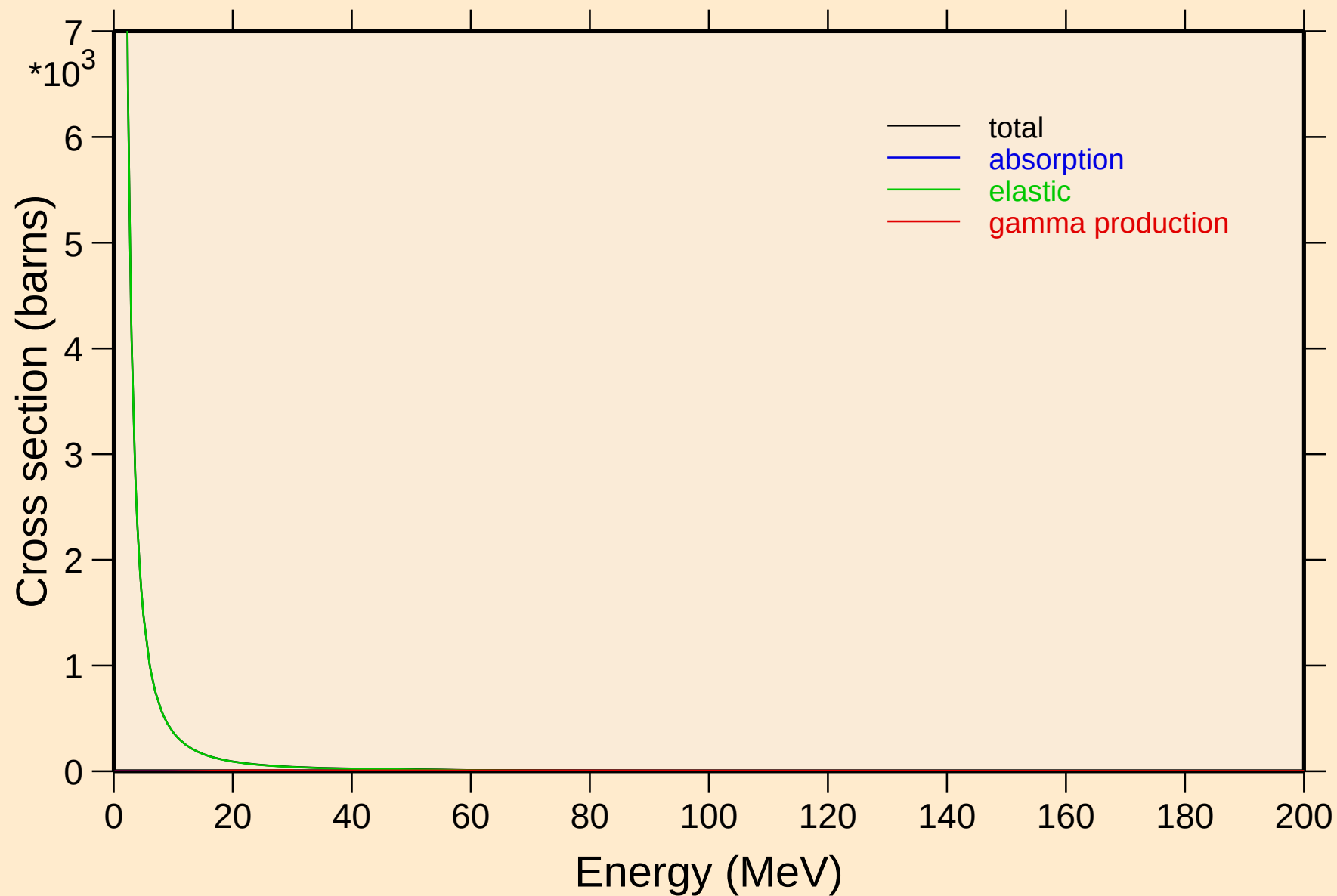
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



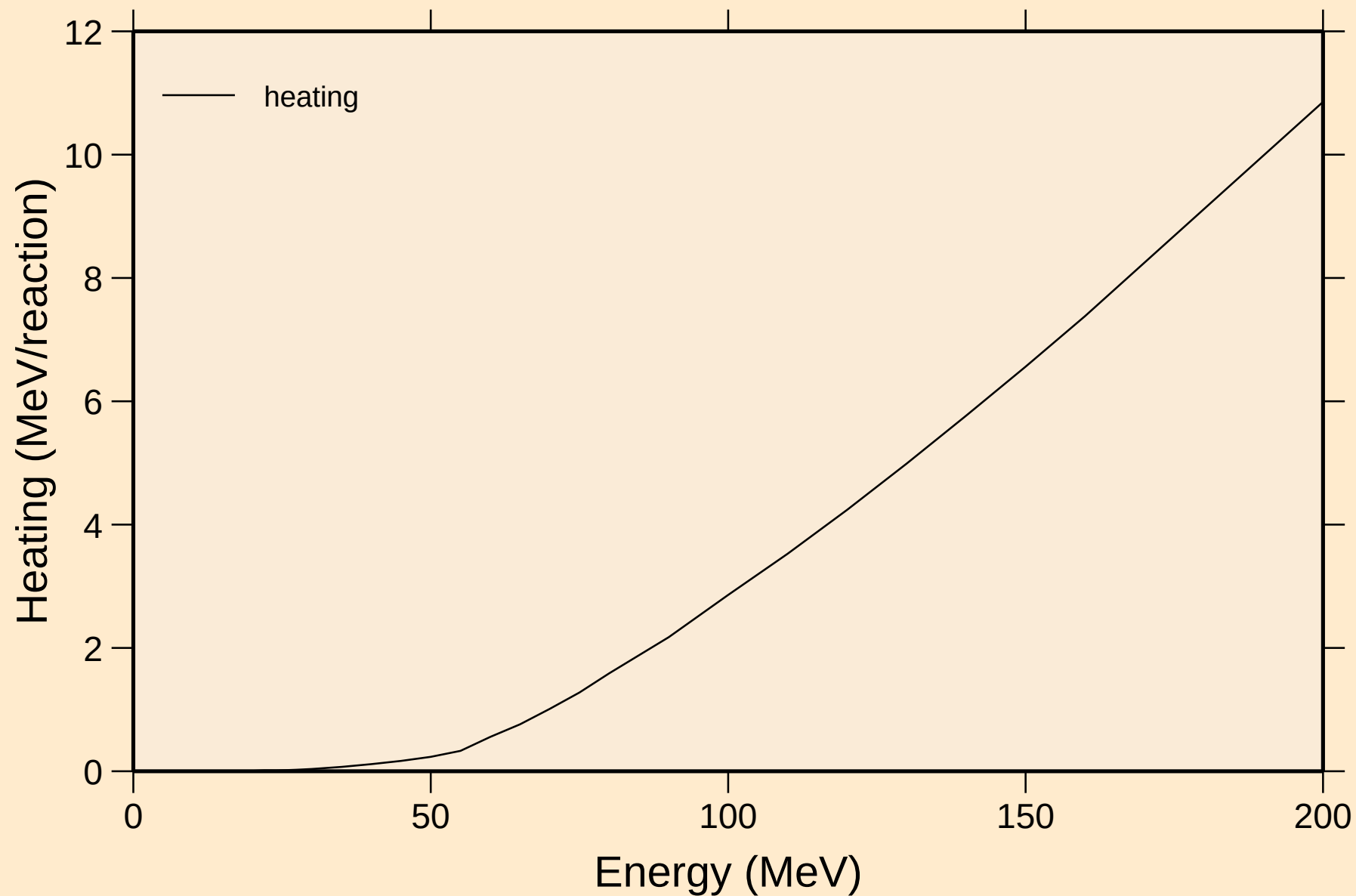
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



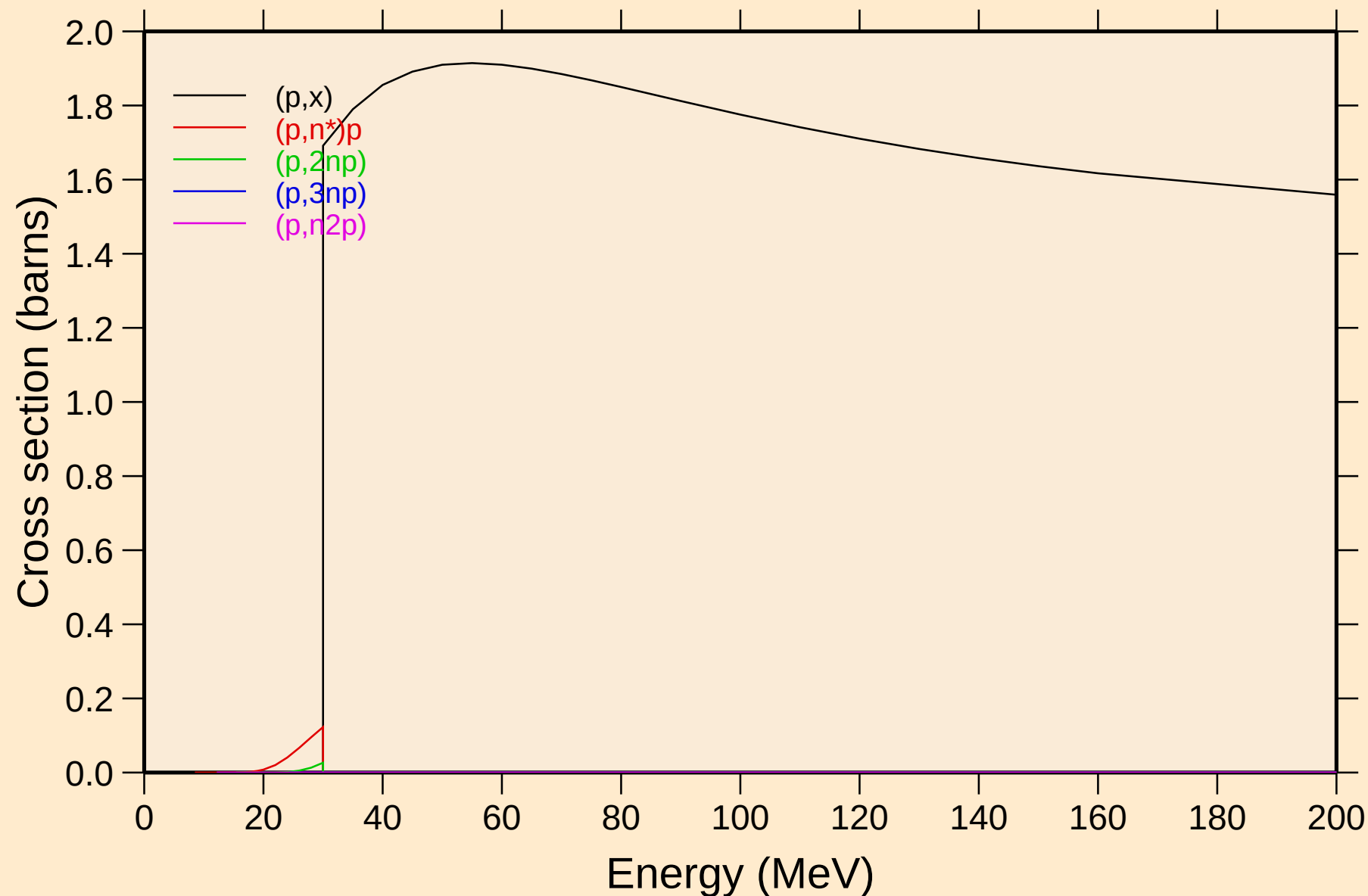
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

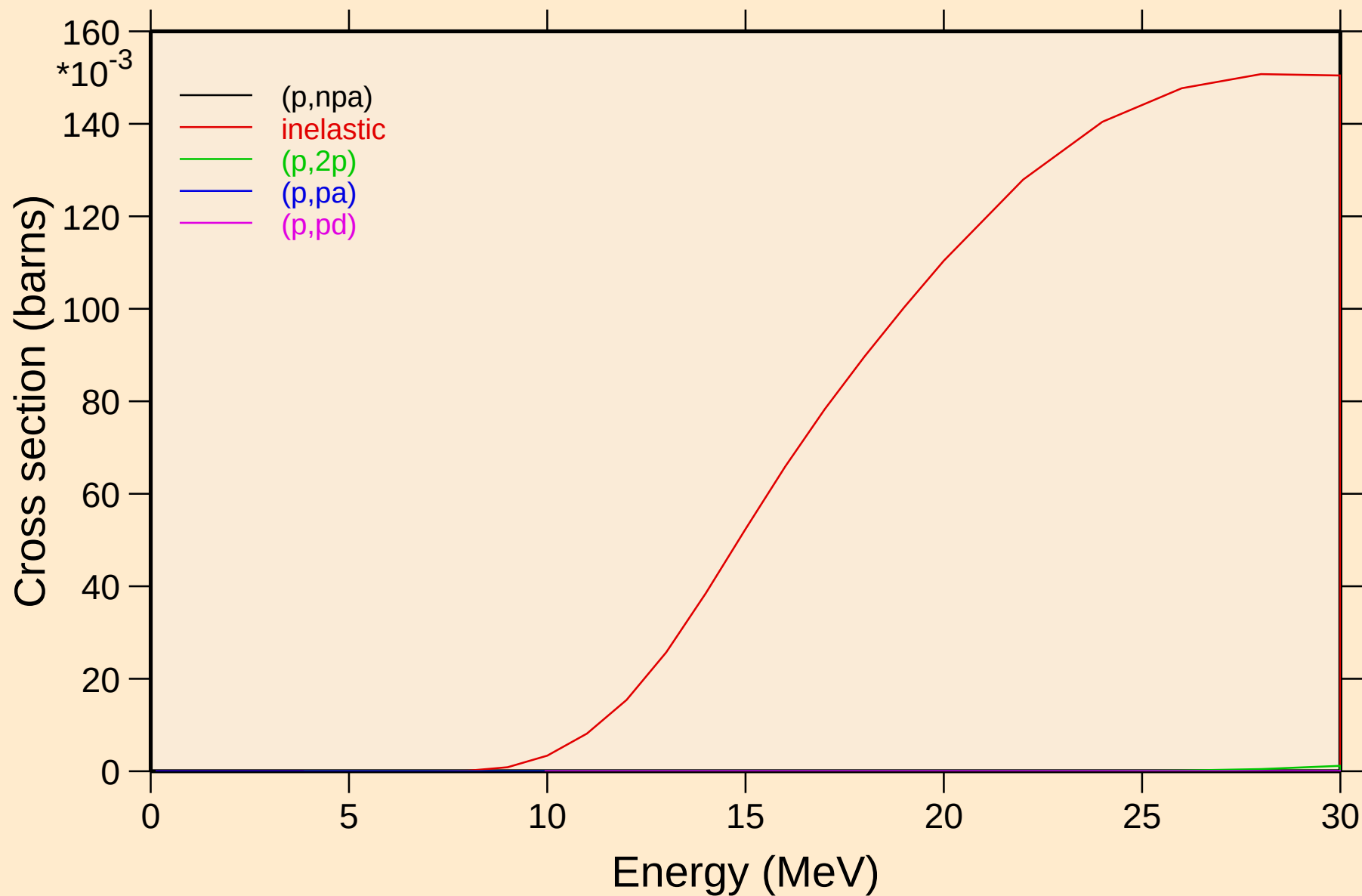


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

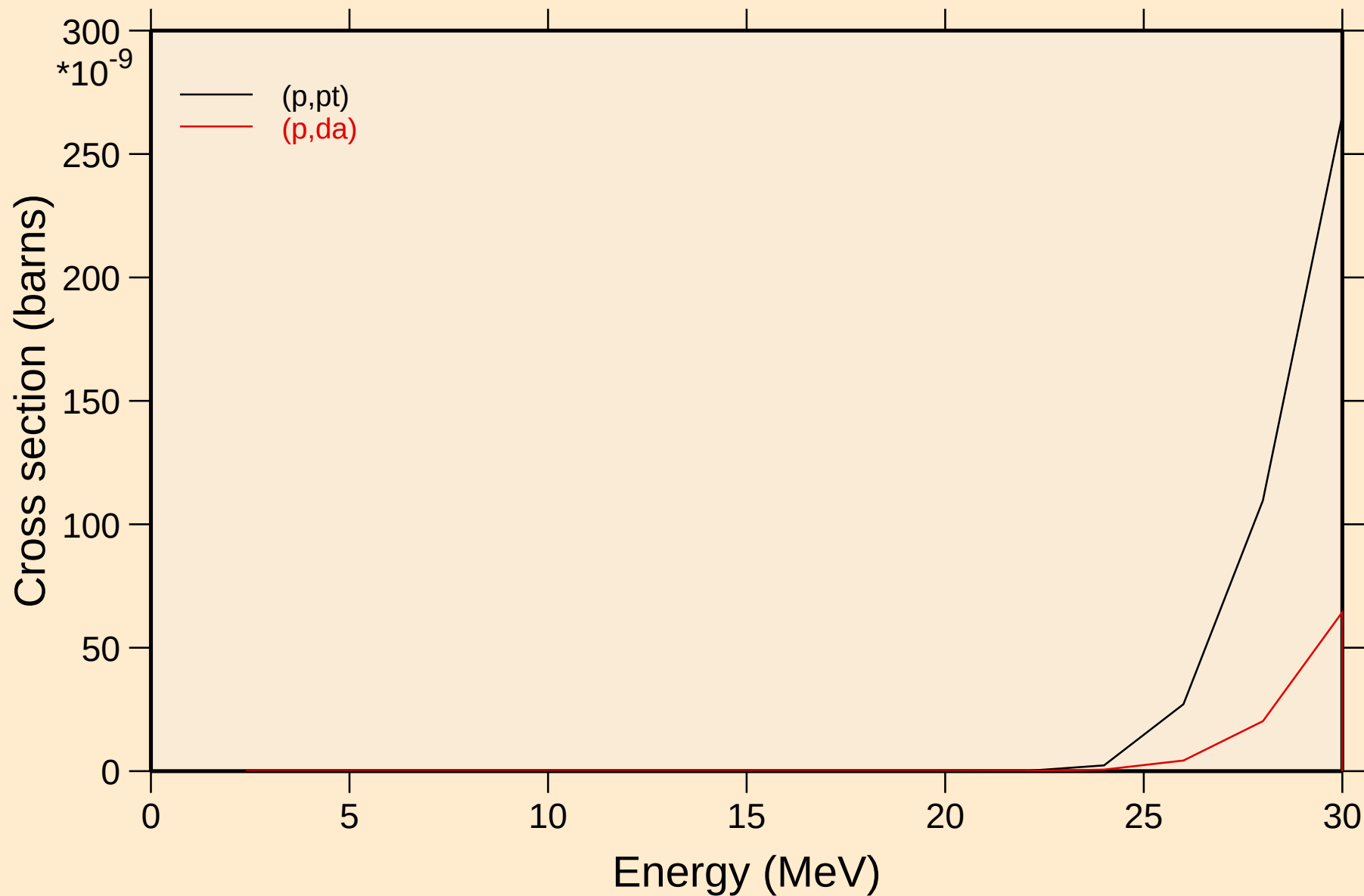
Threshold reactions



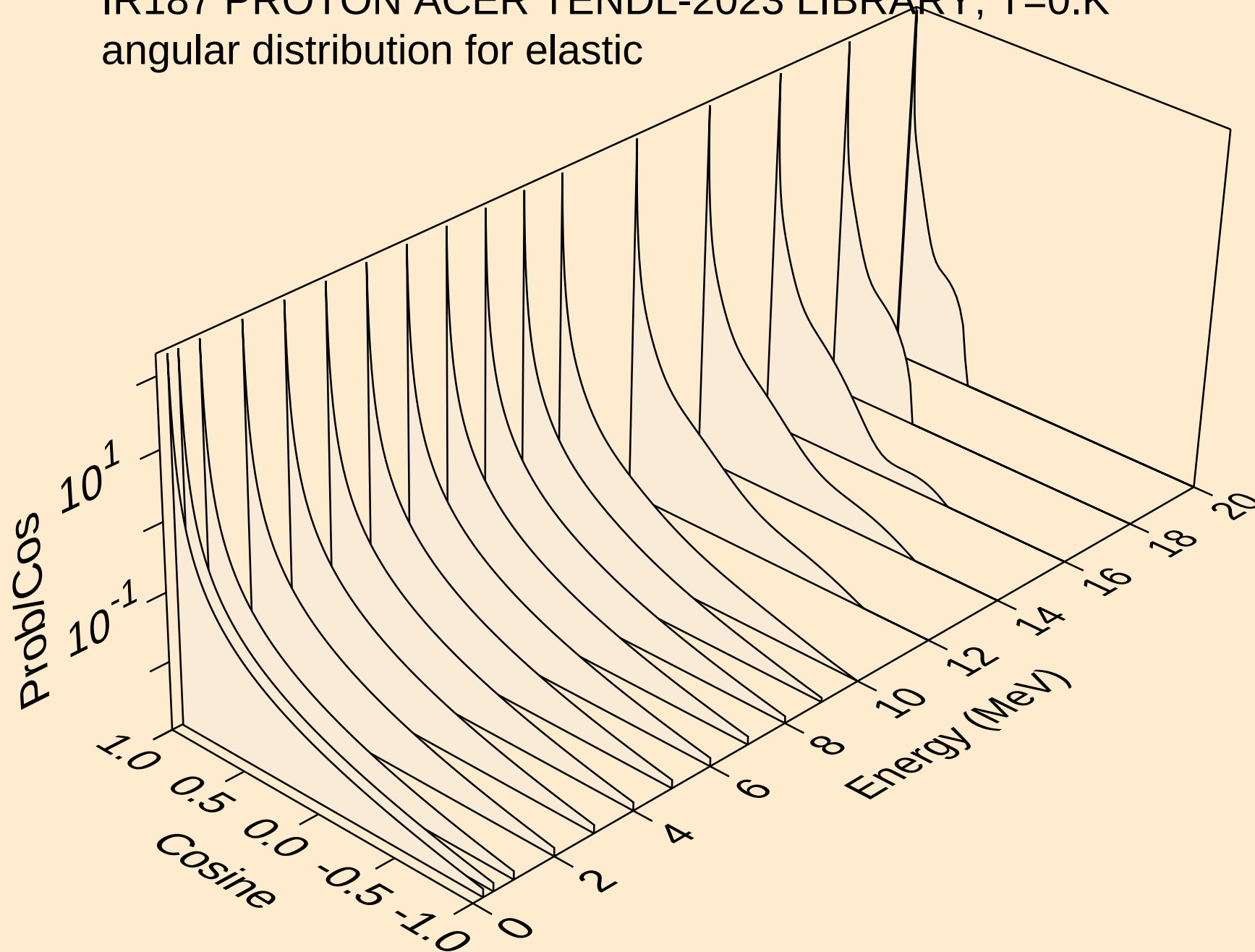
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



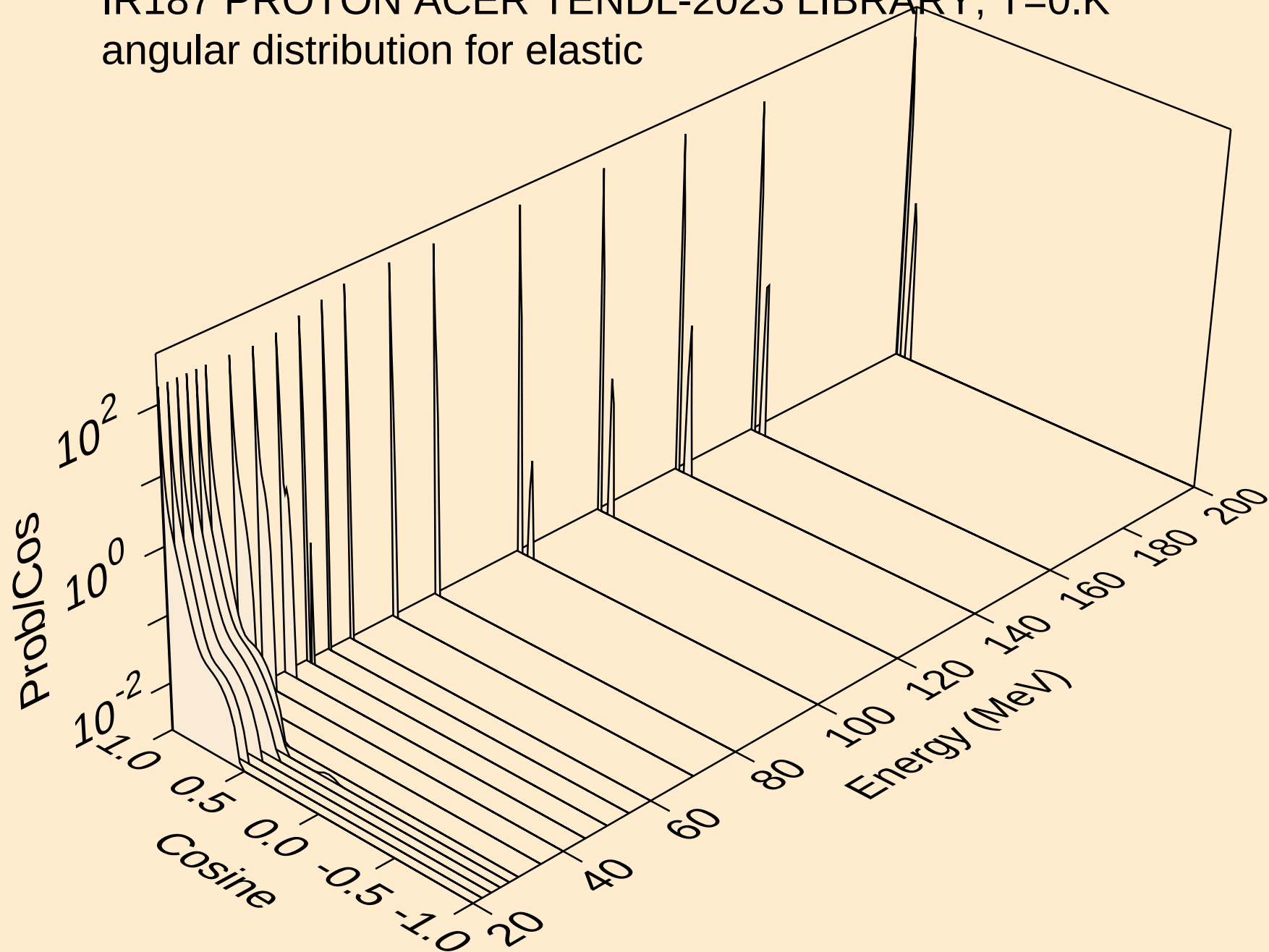
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



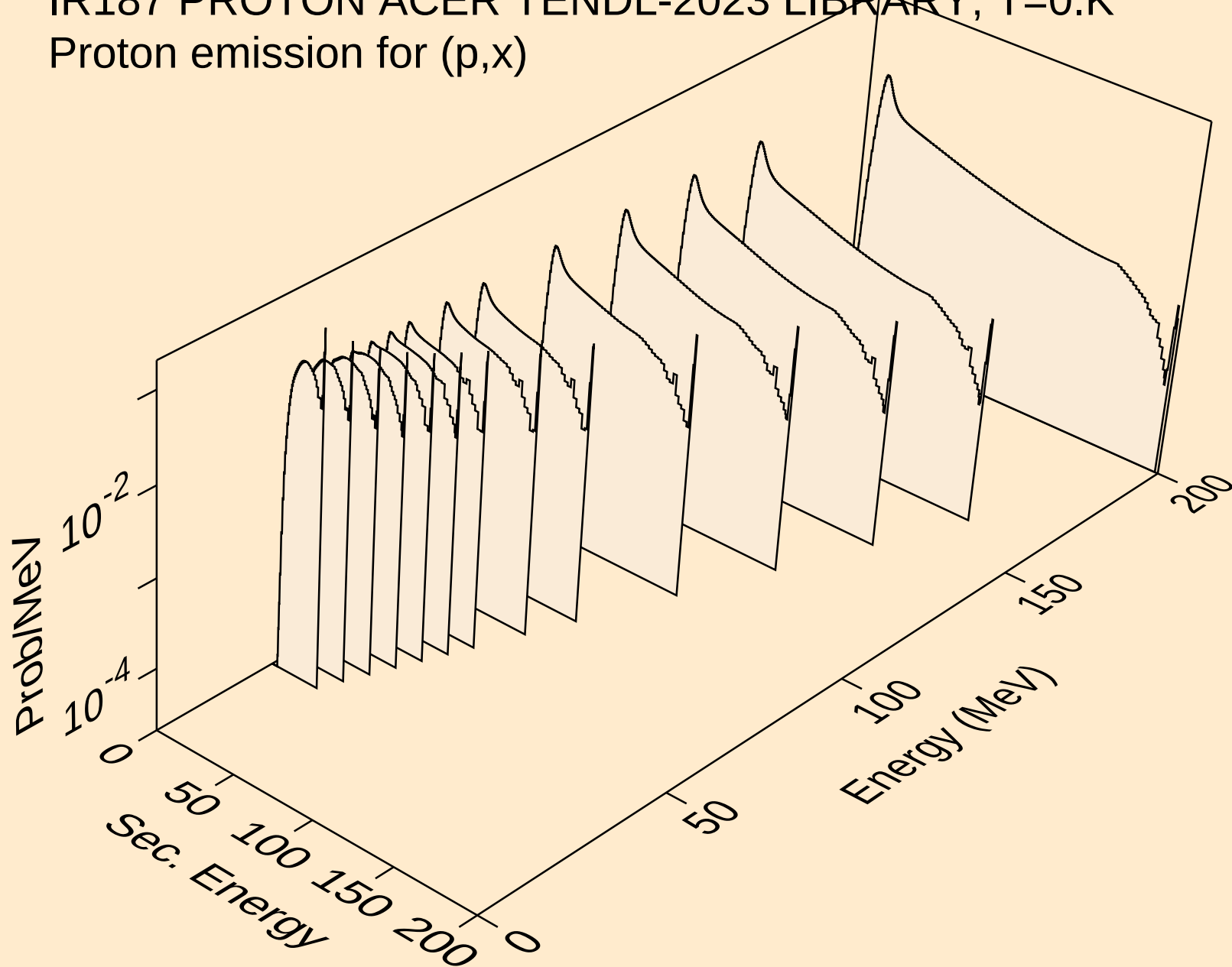
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

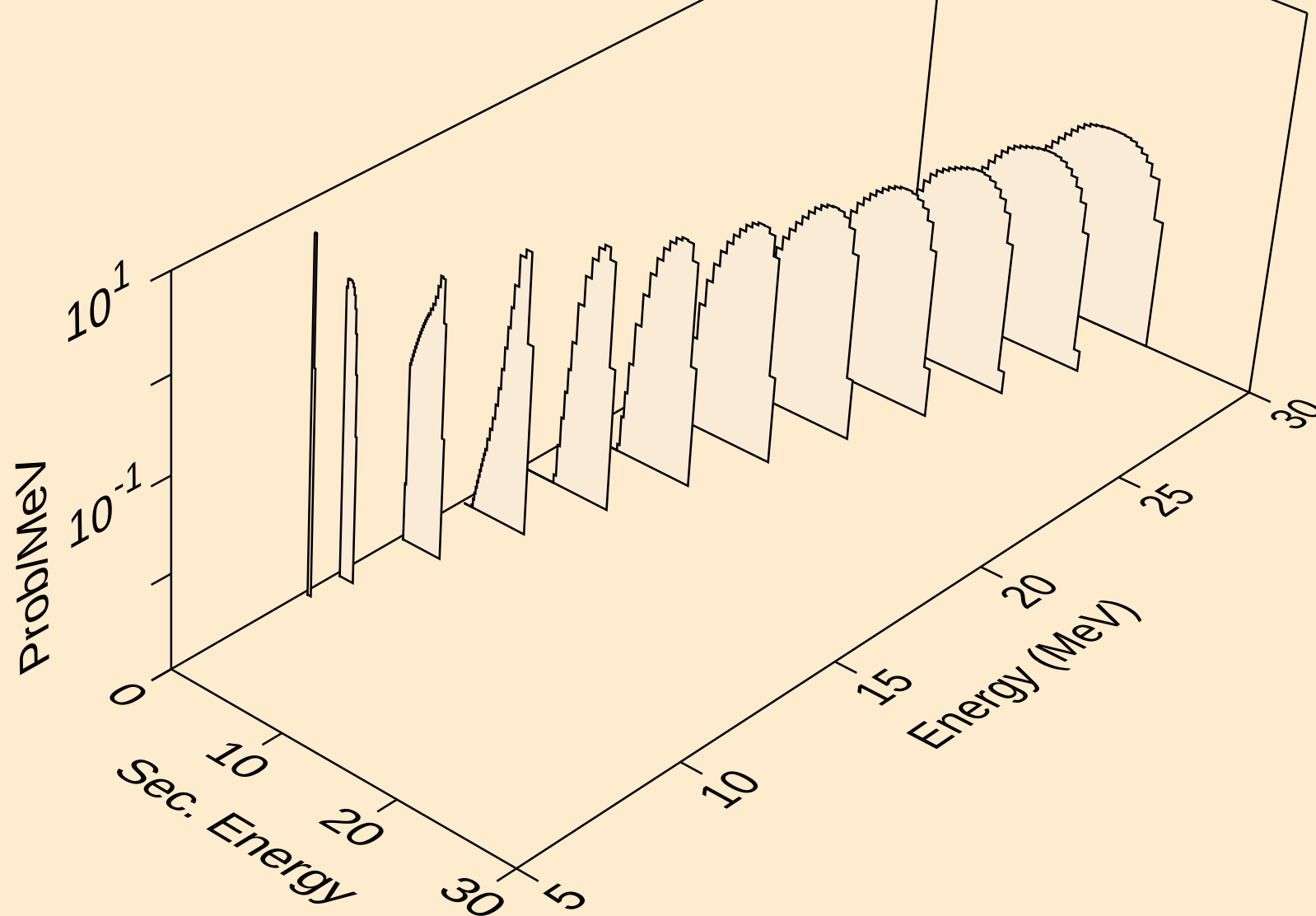


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)

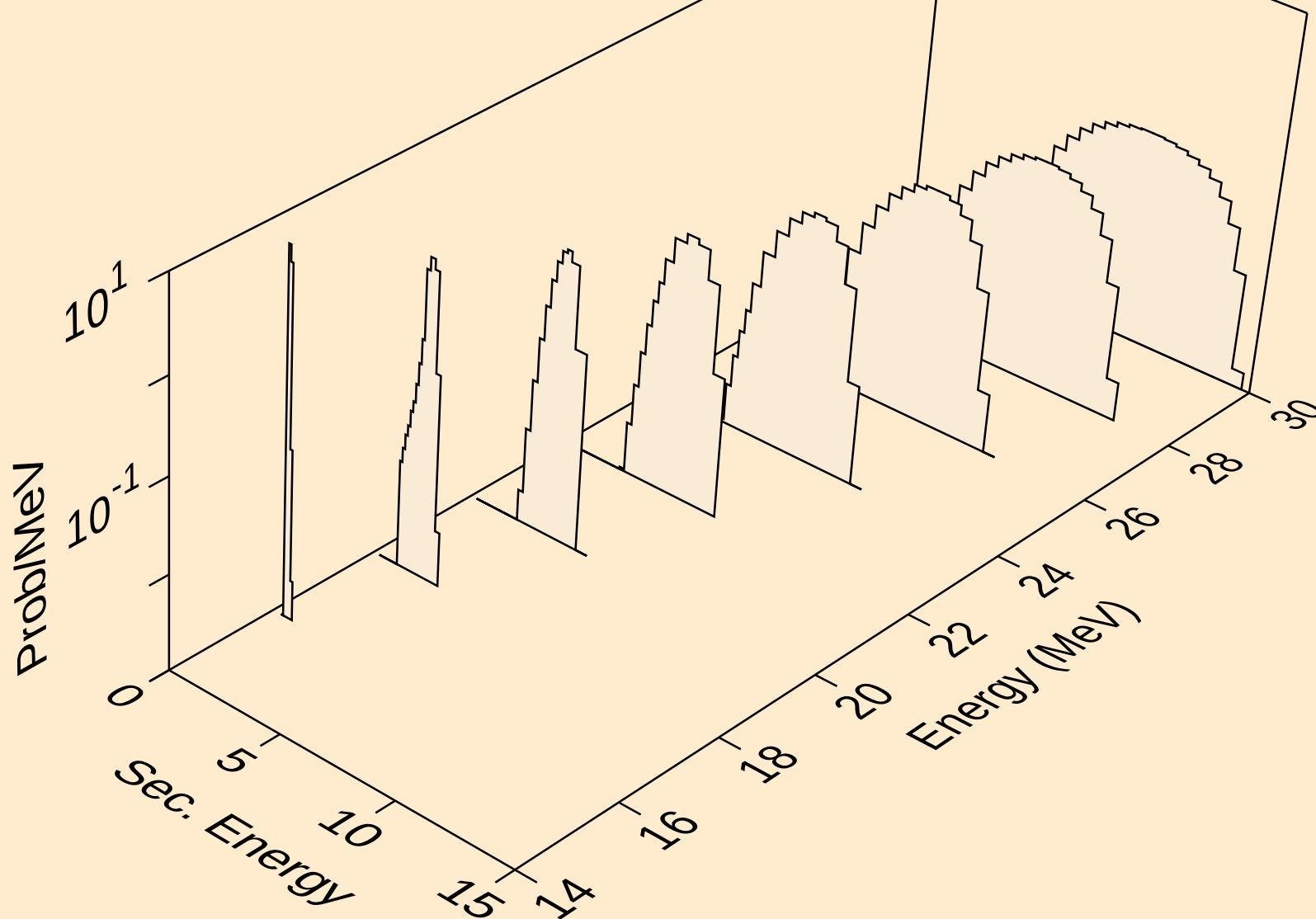


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

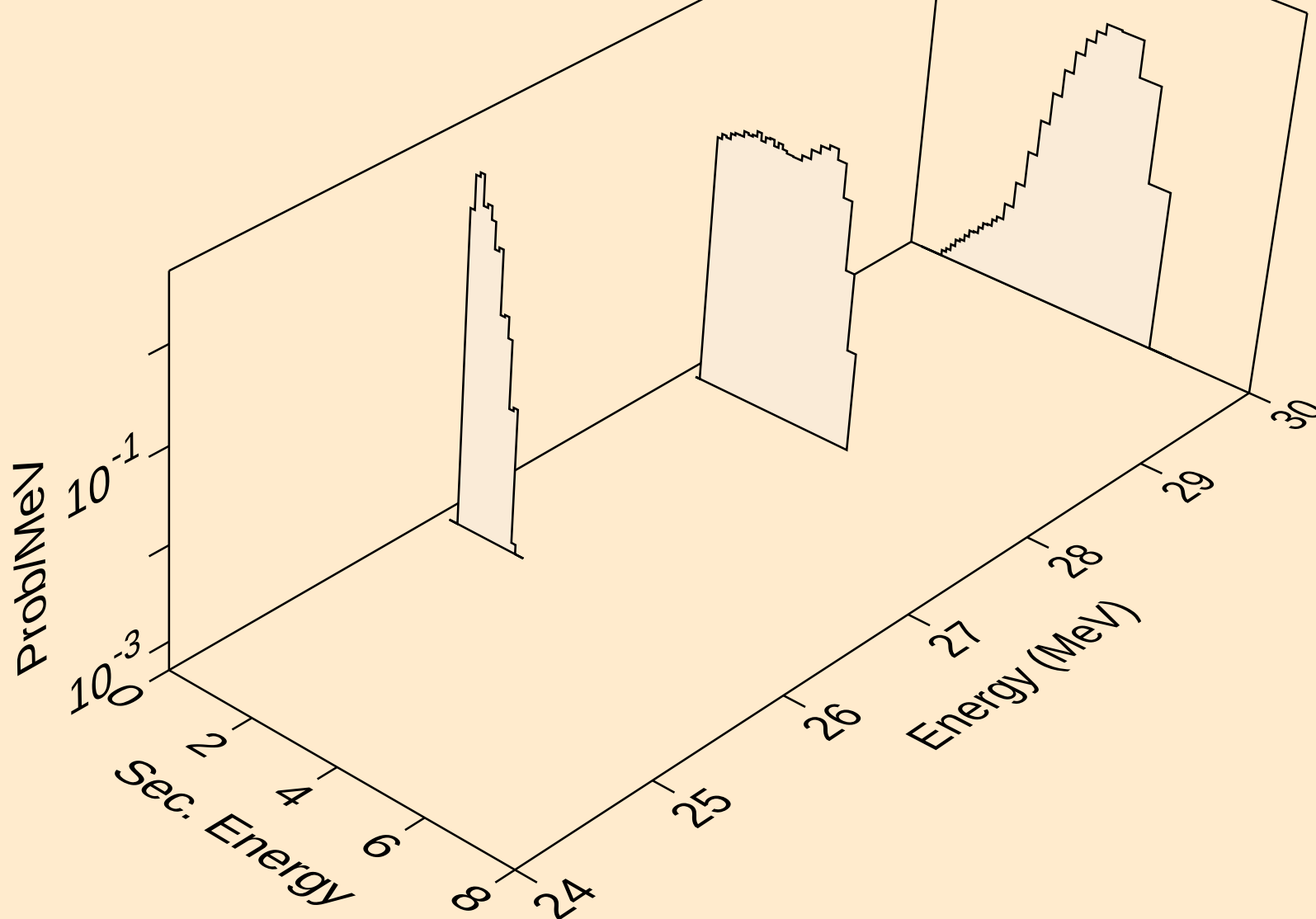
Proton emission for (p,n*)p



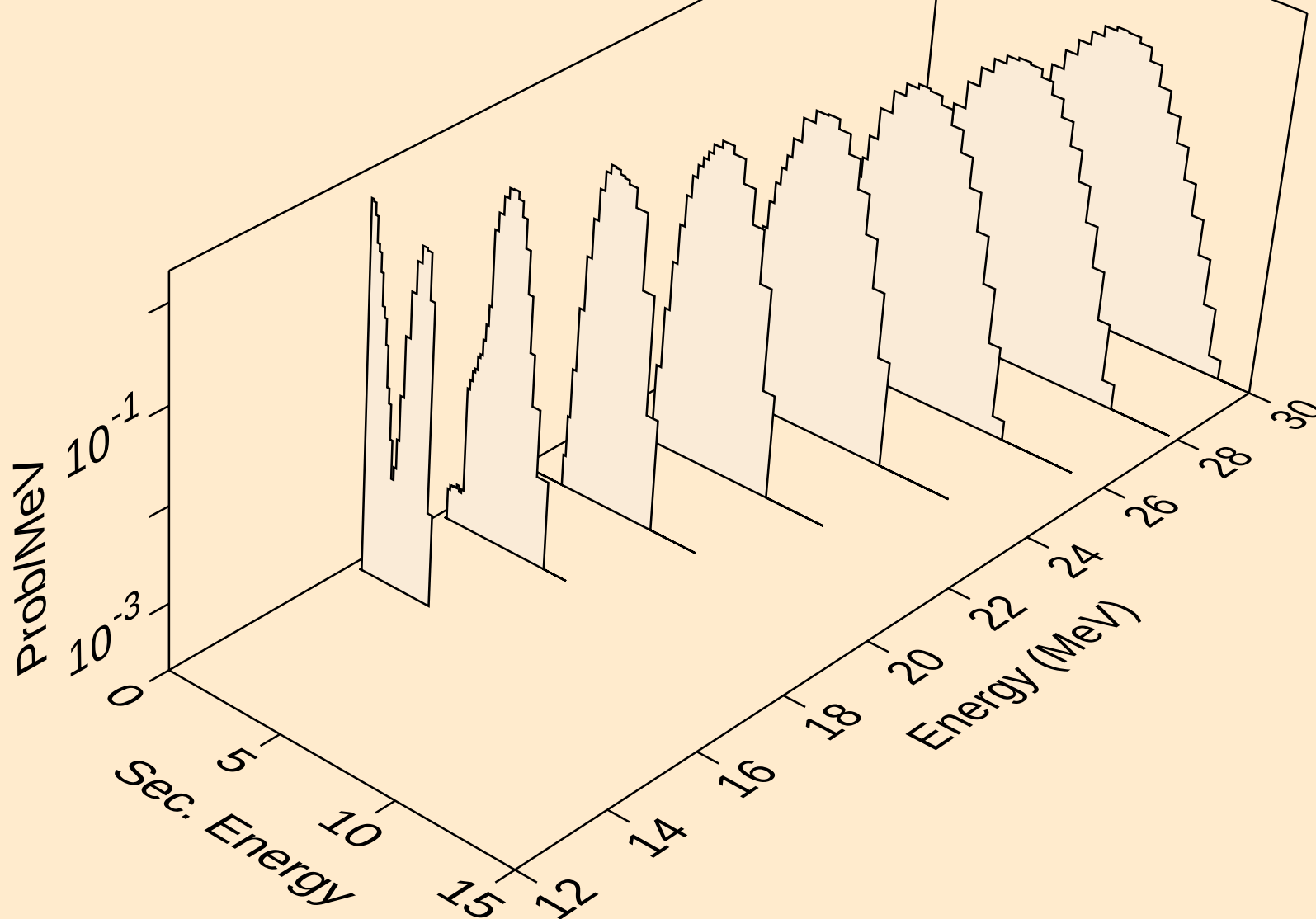
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



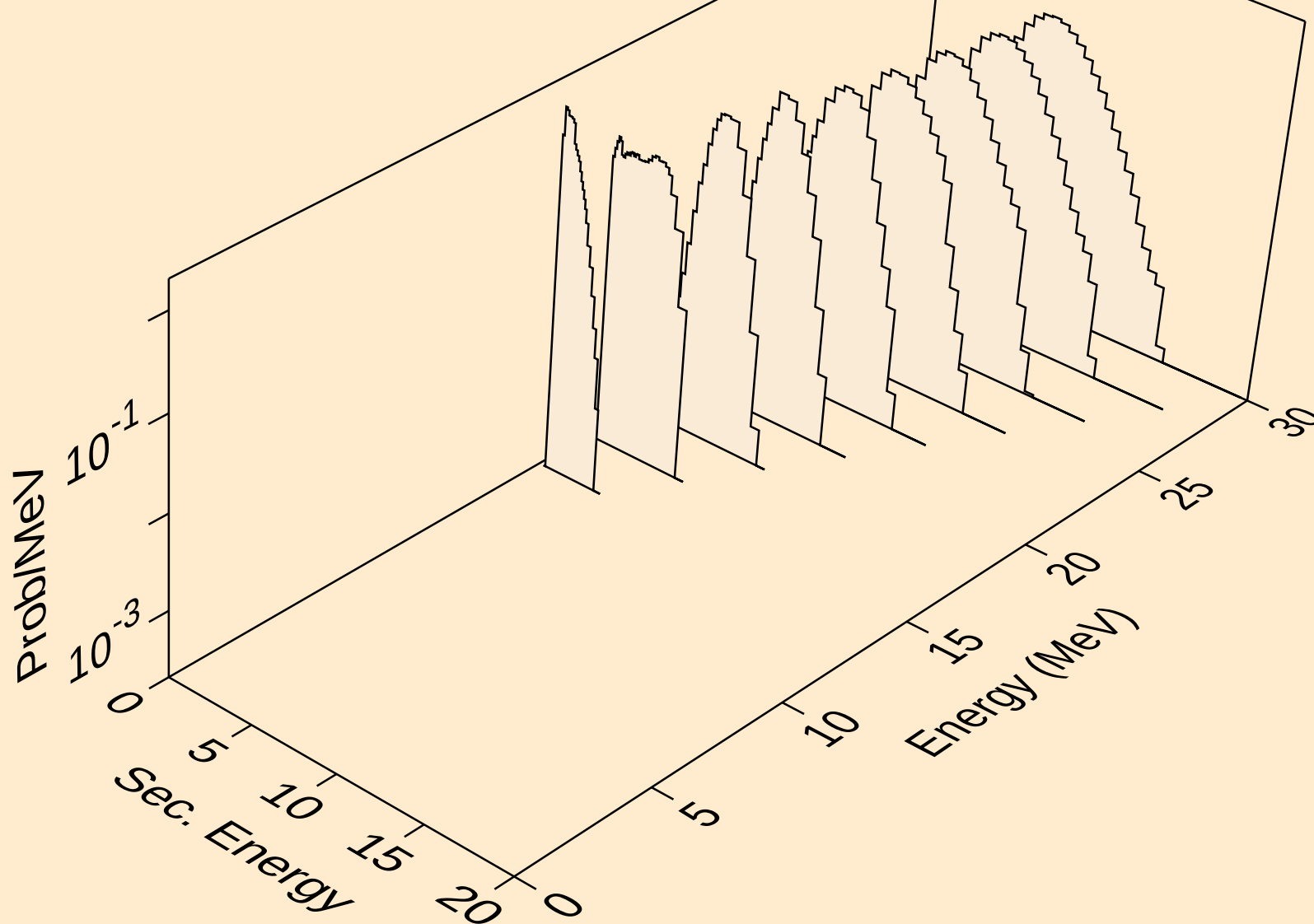
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)



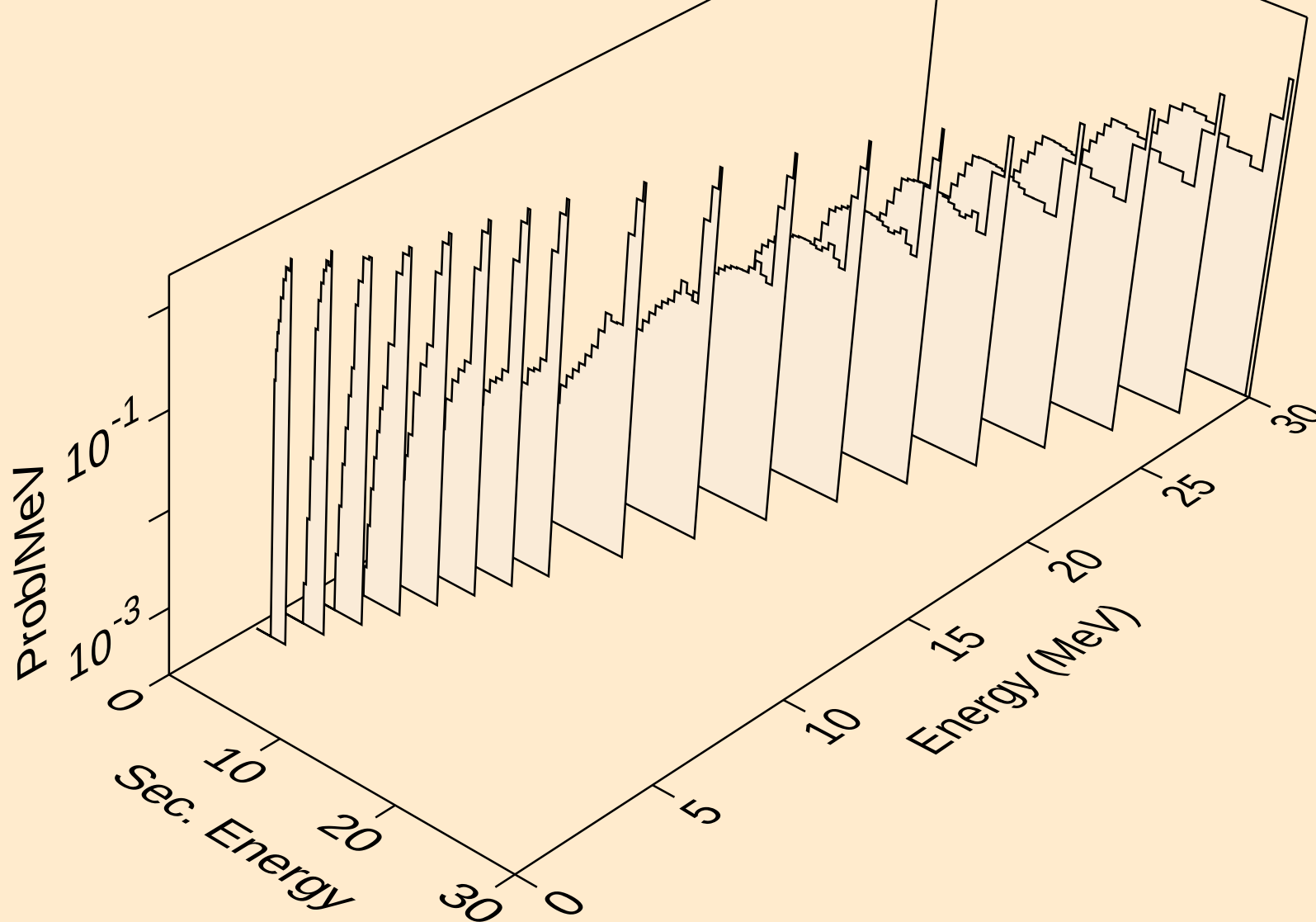
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)

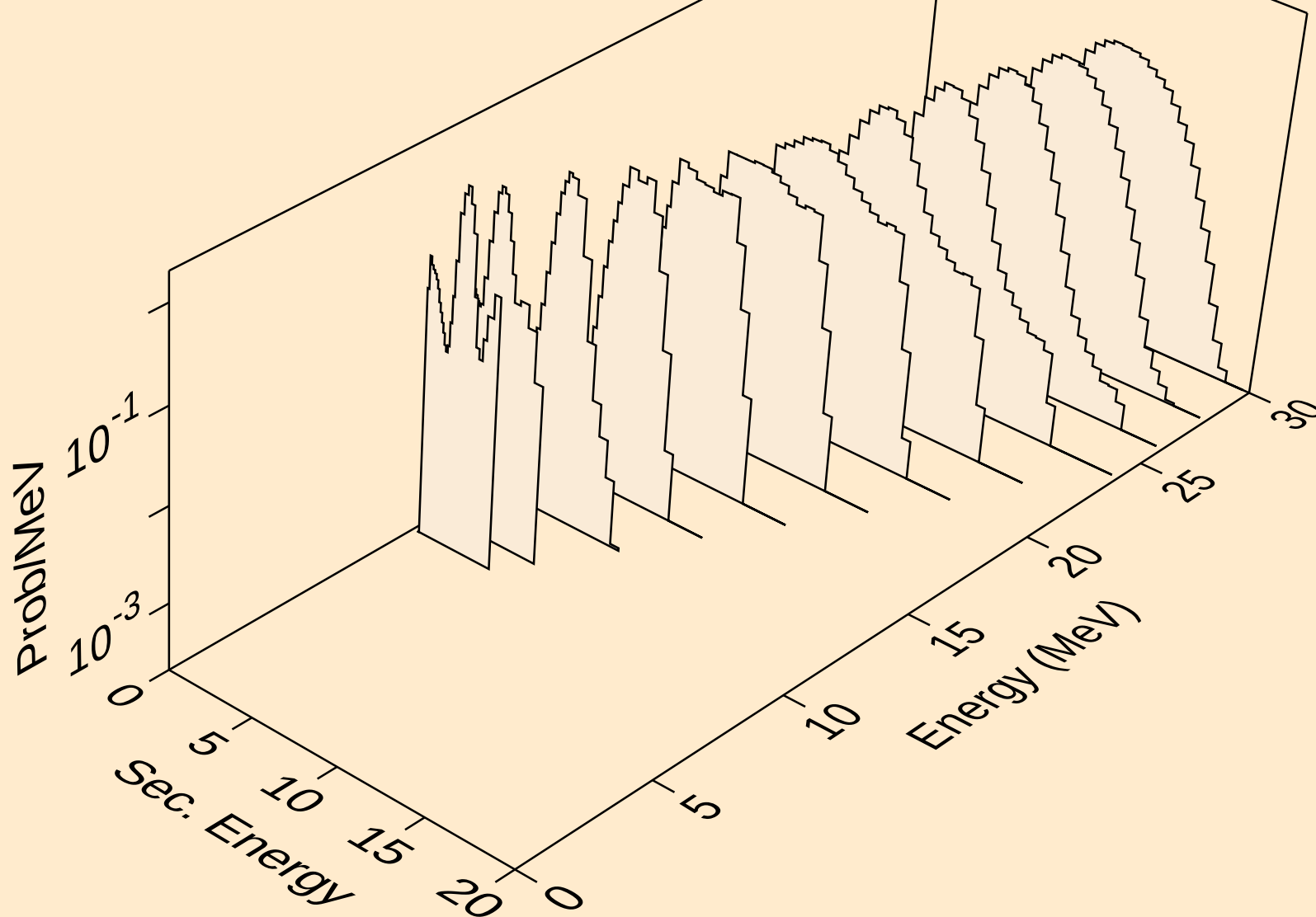


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic

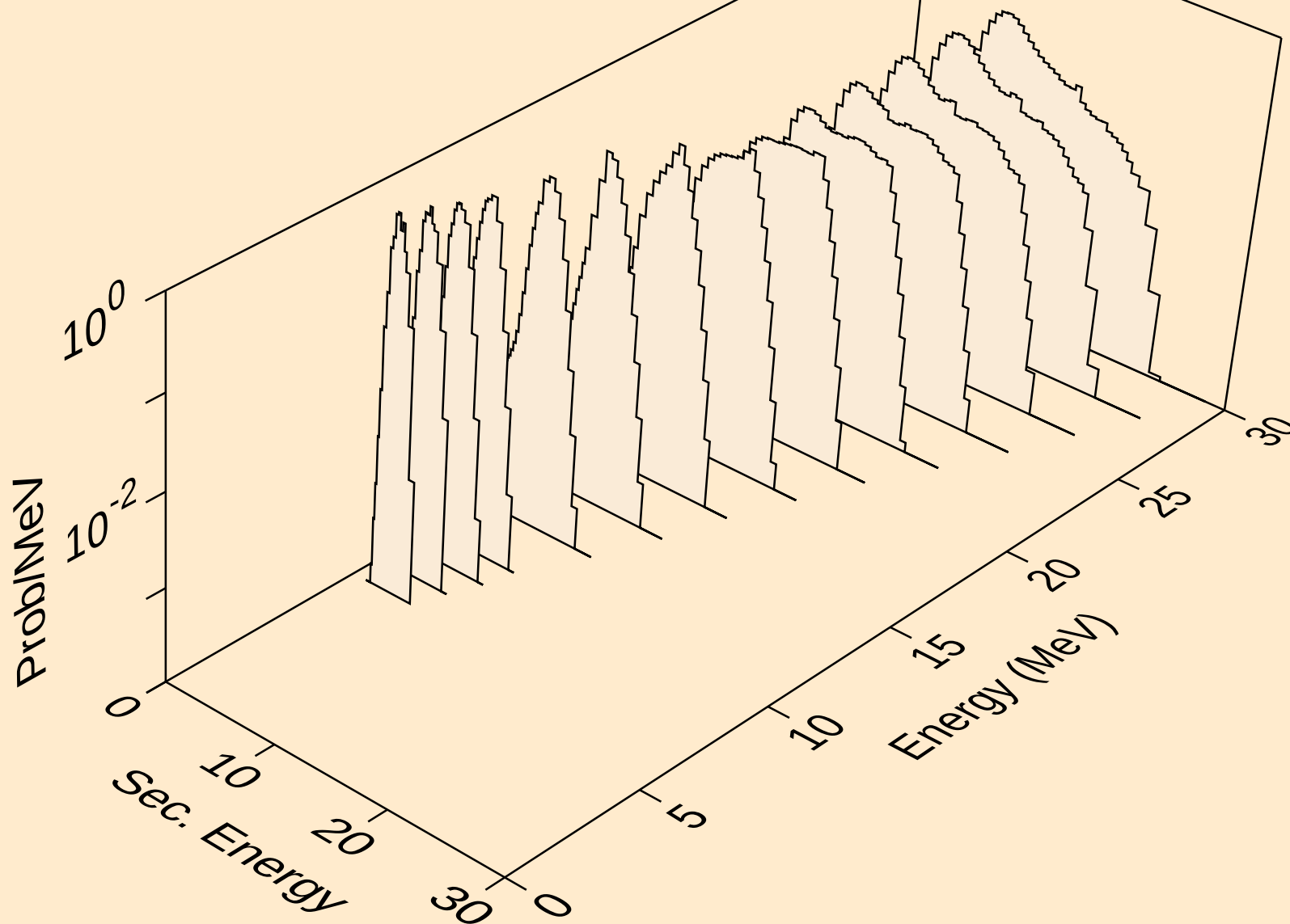


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

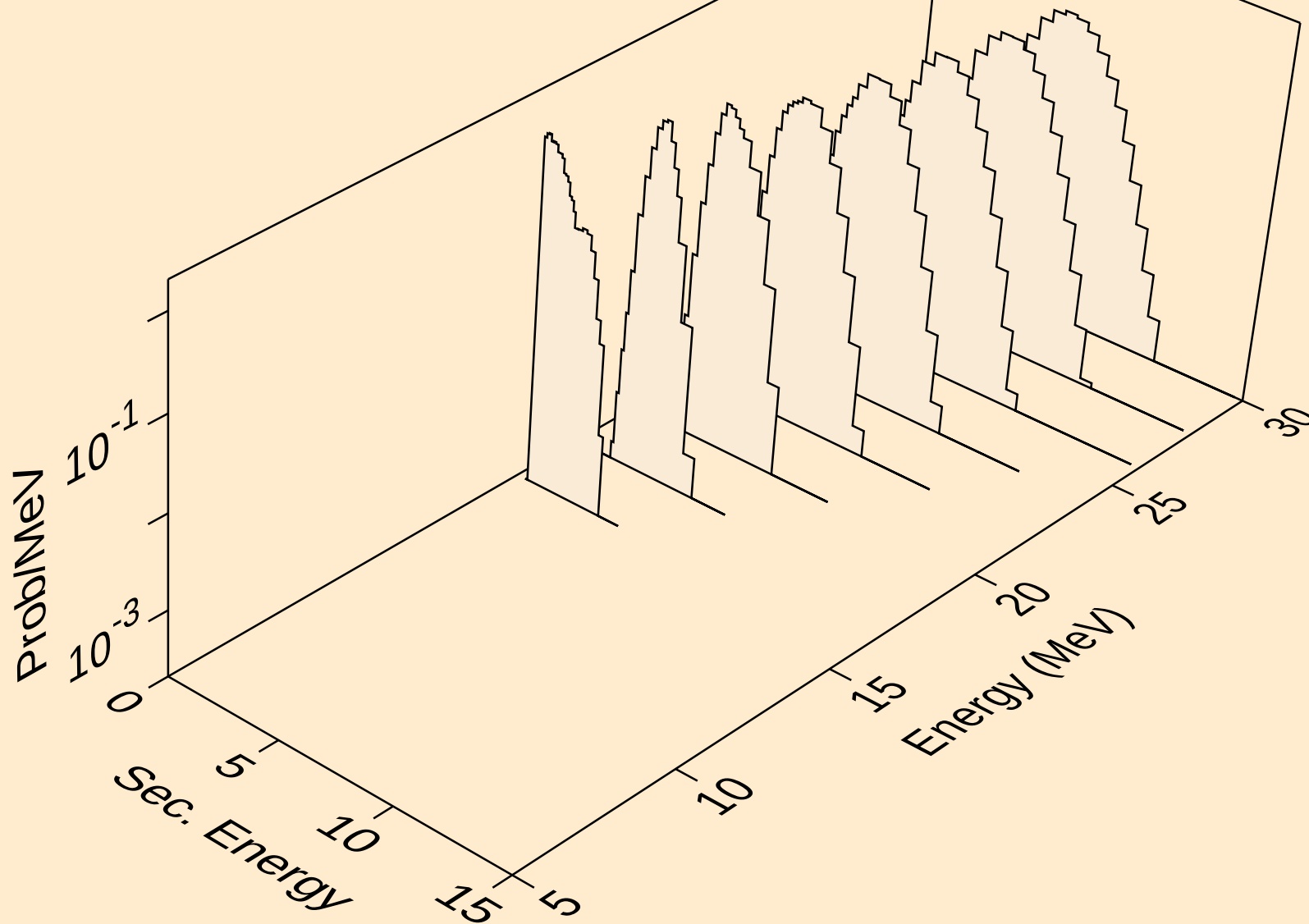
Proton emission for (p,2p)



IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pa)

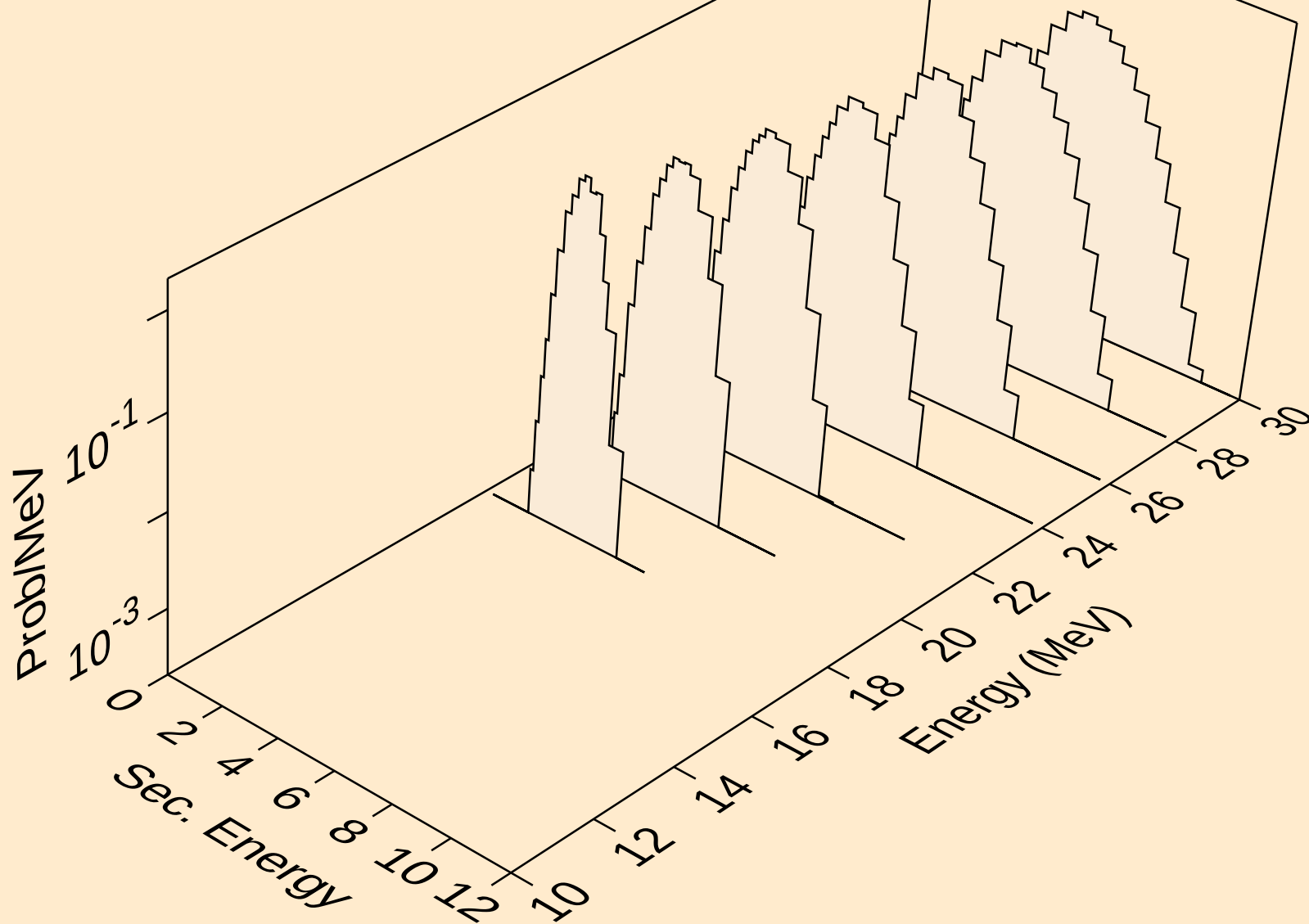


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pd)

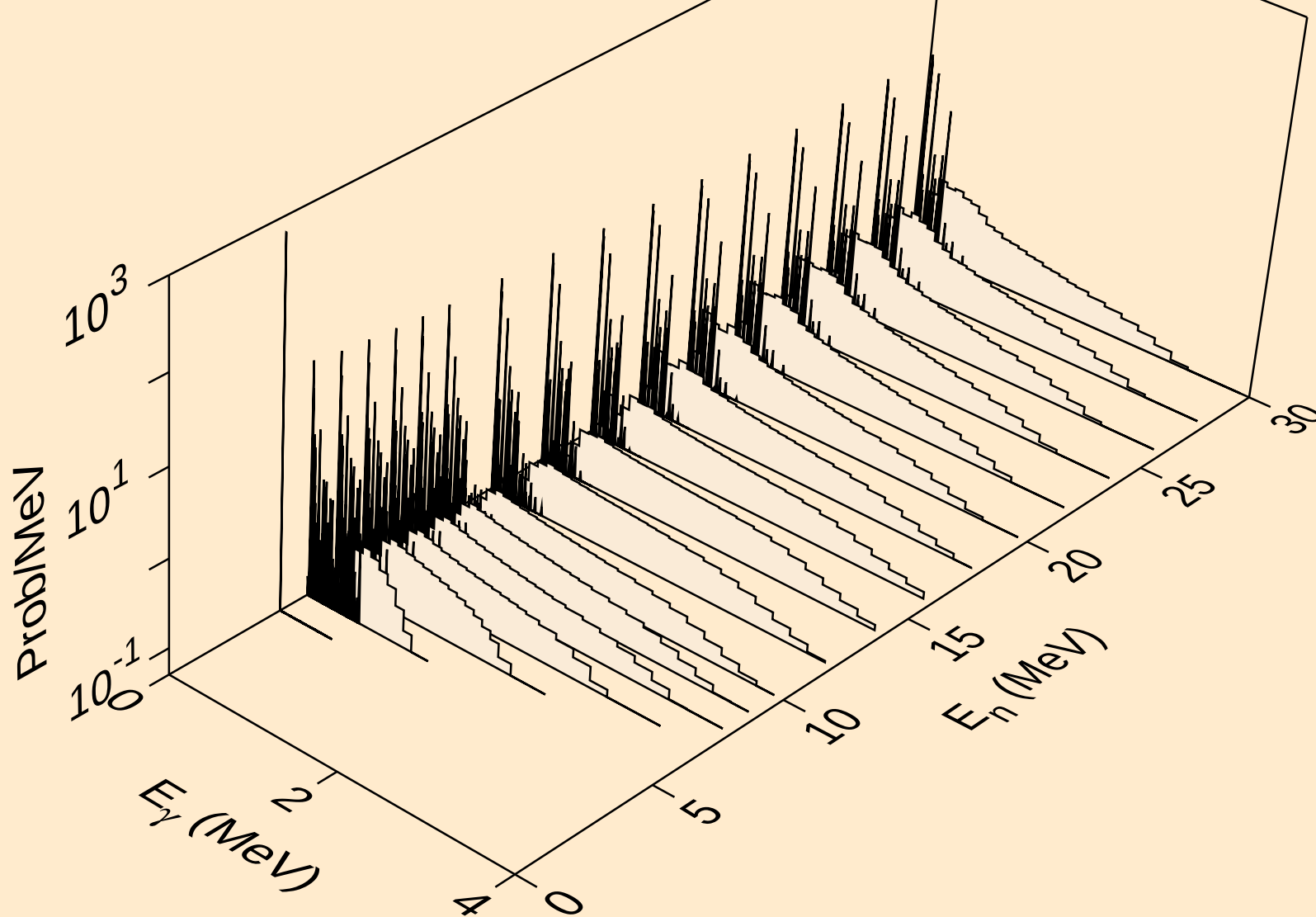


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pt)

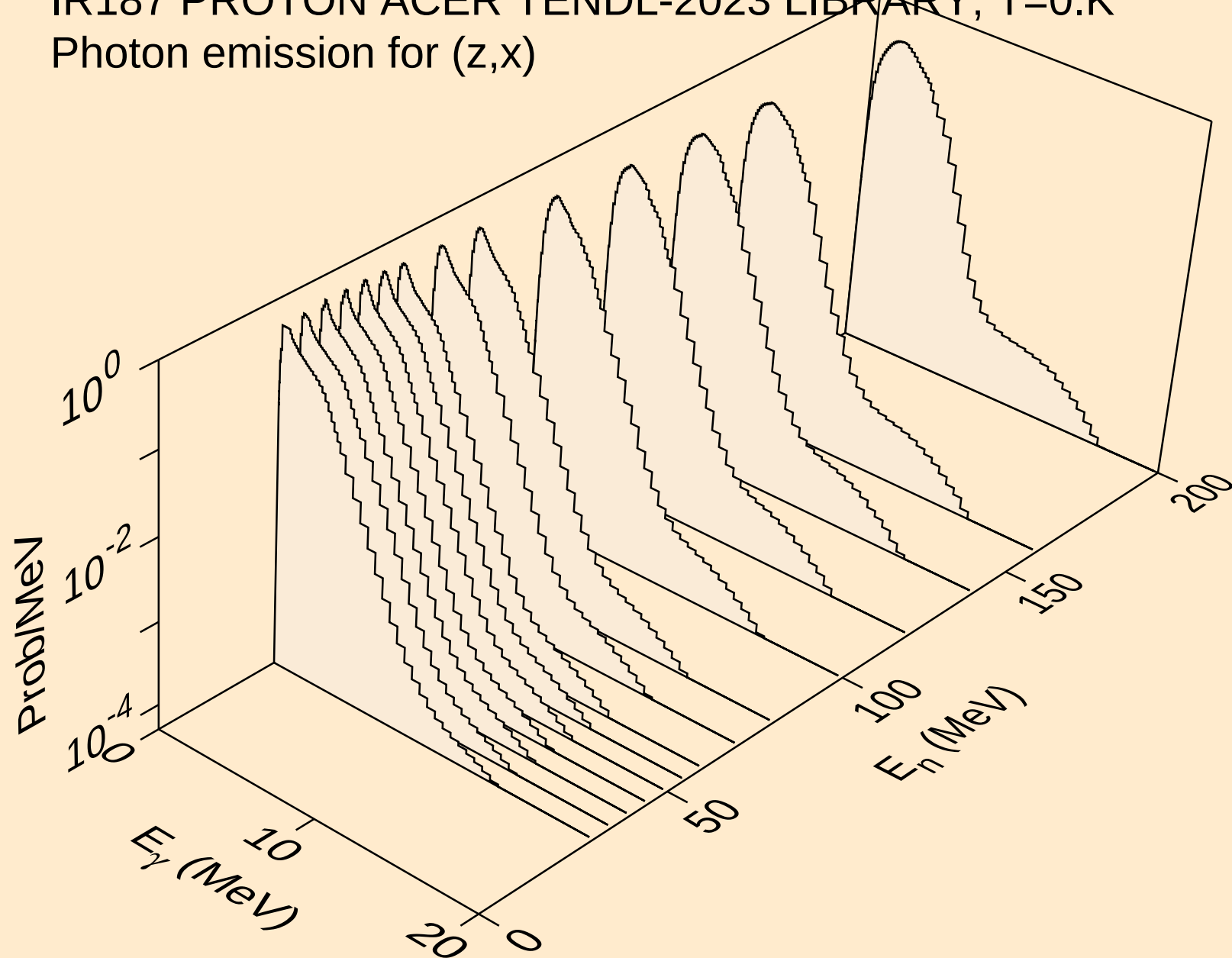


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

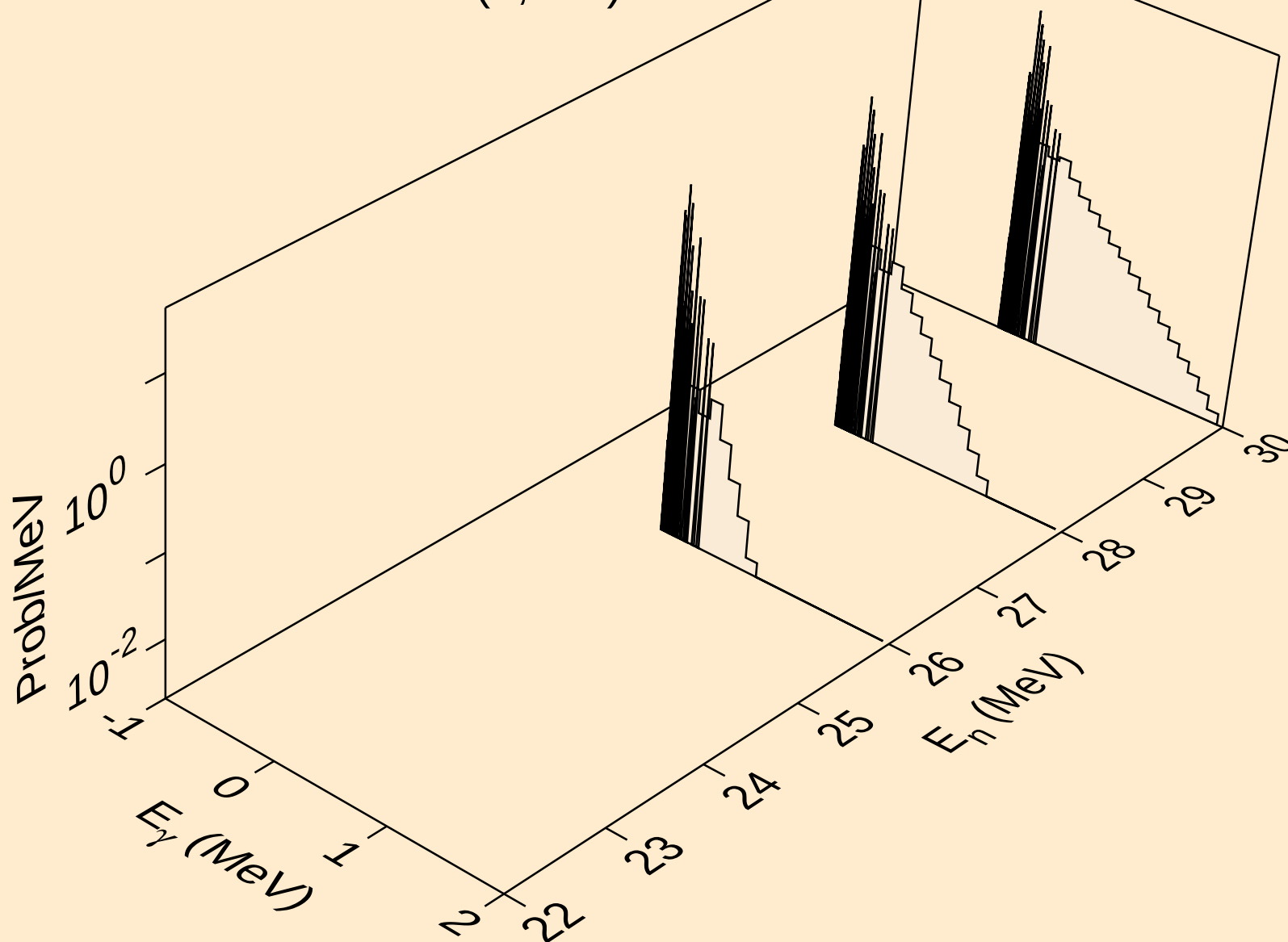


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

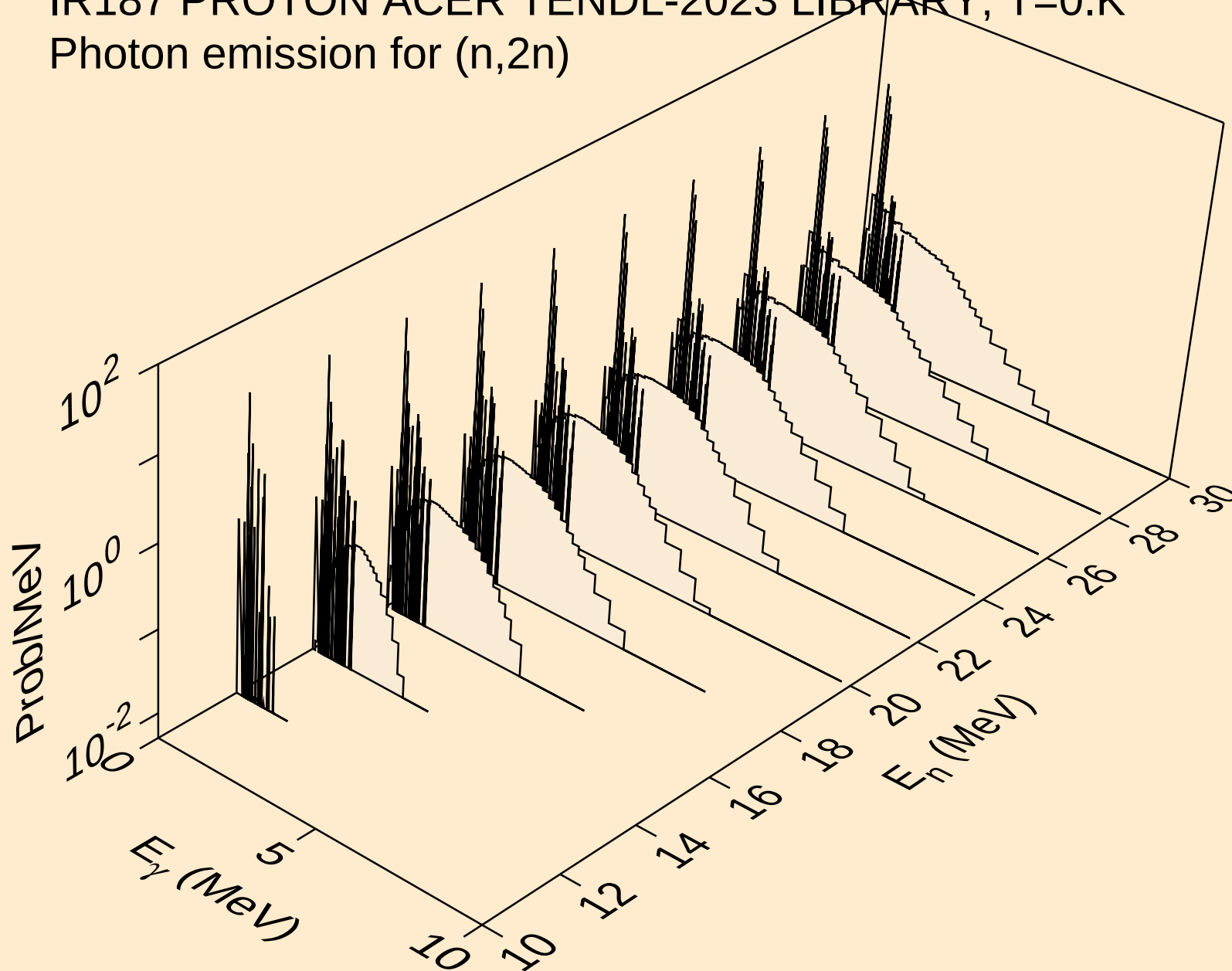
Photon emission for (z,x)



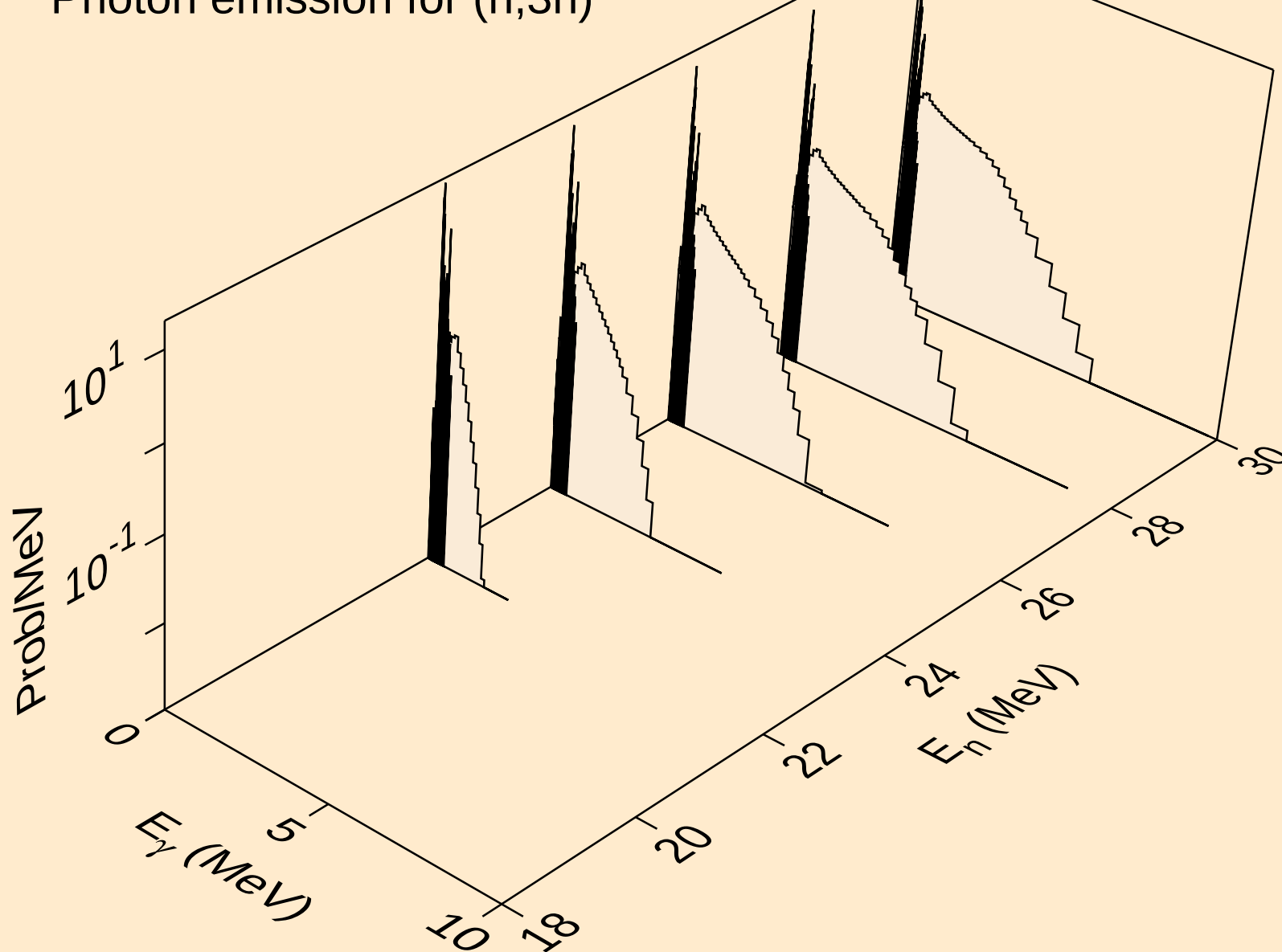
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

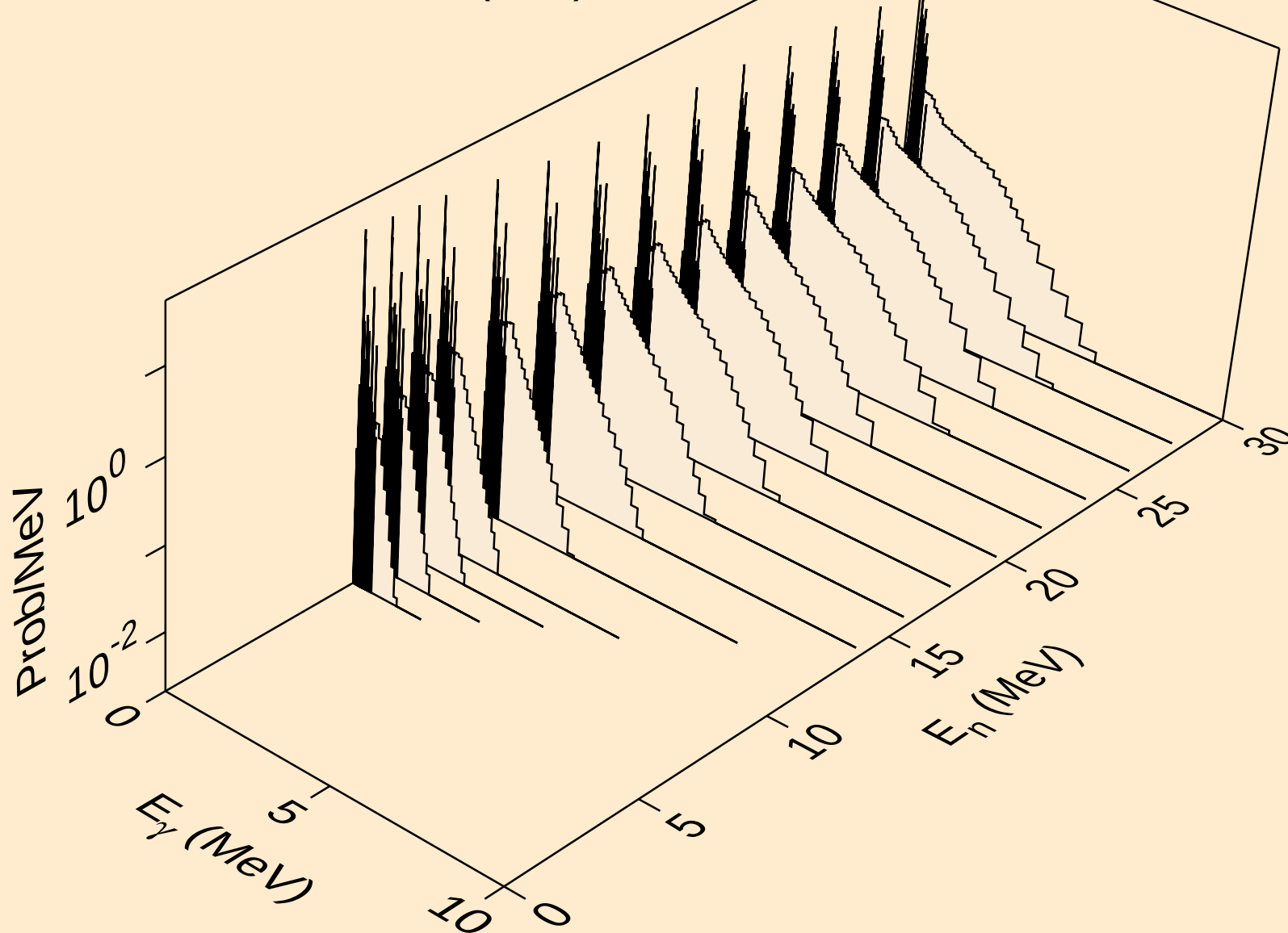


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



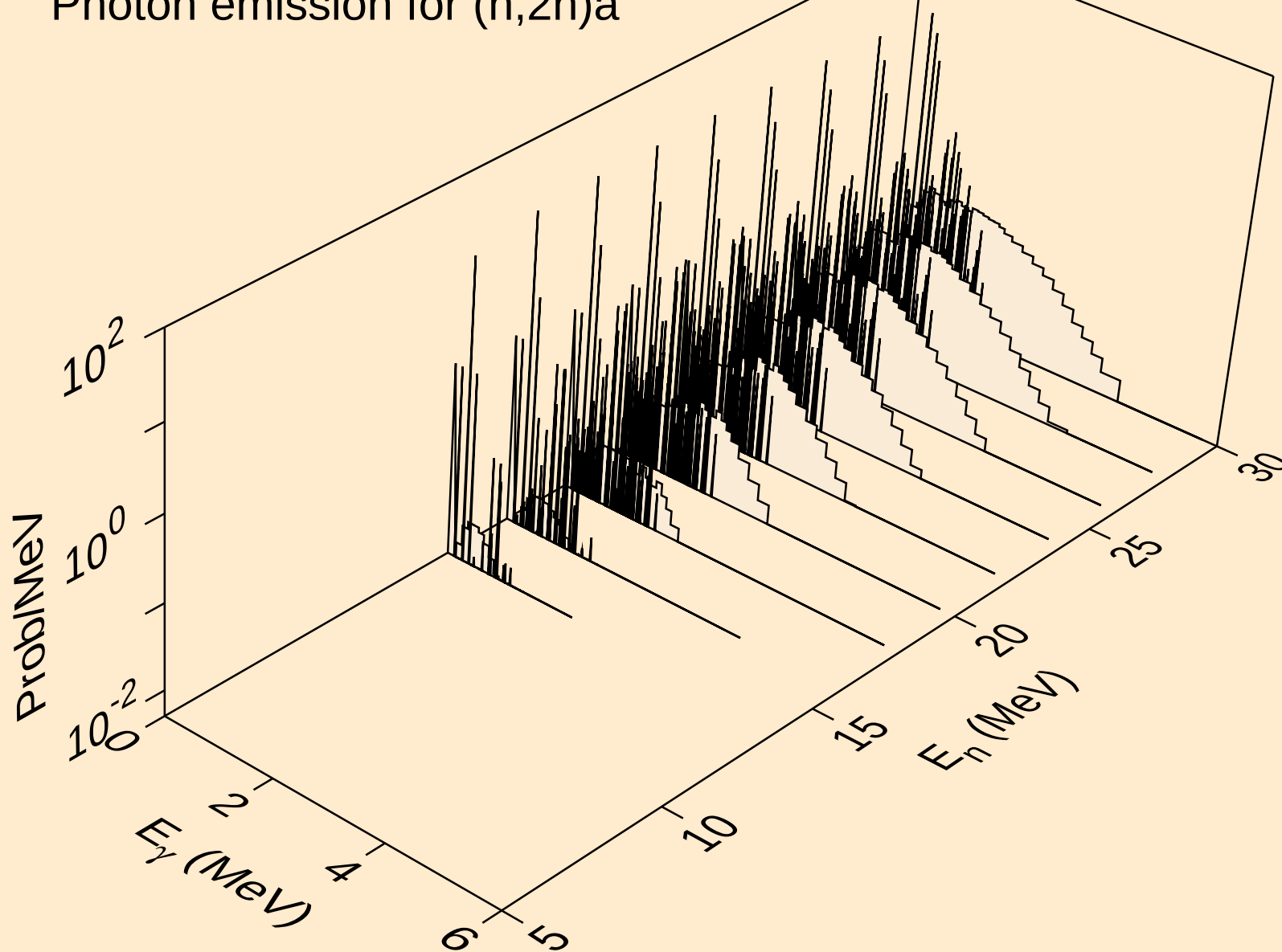
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



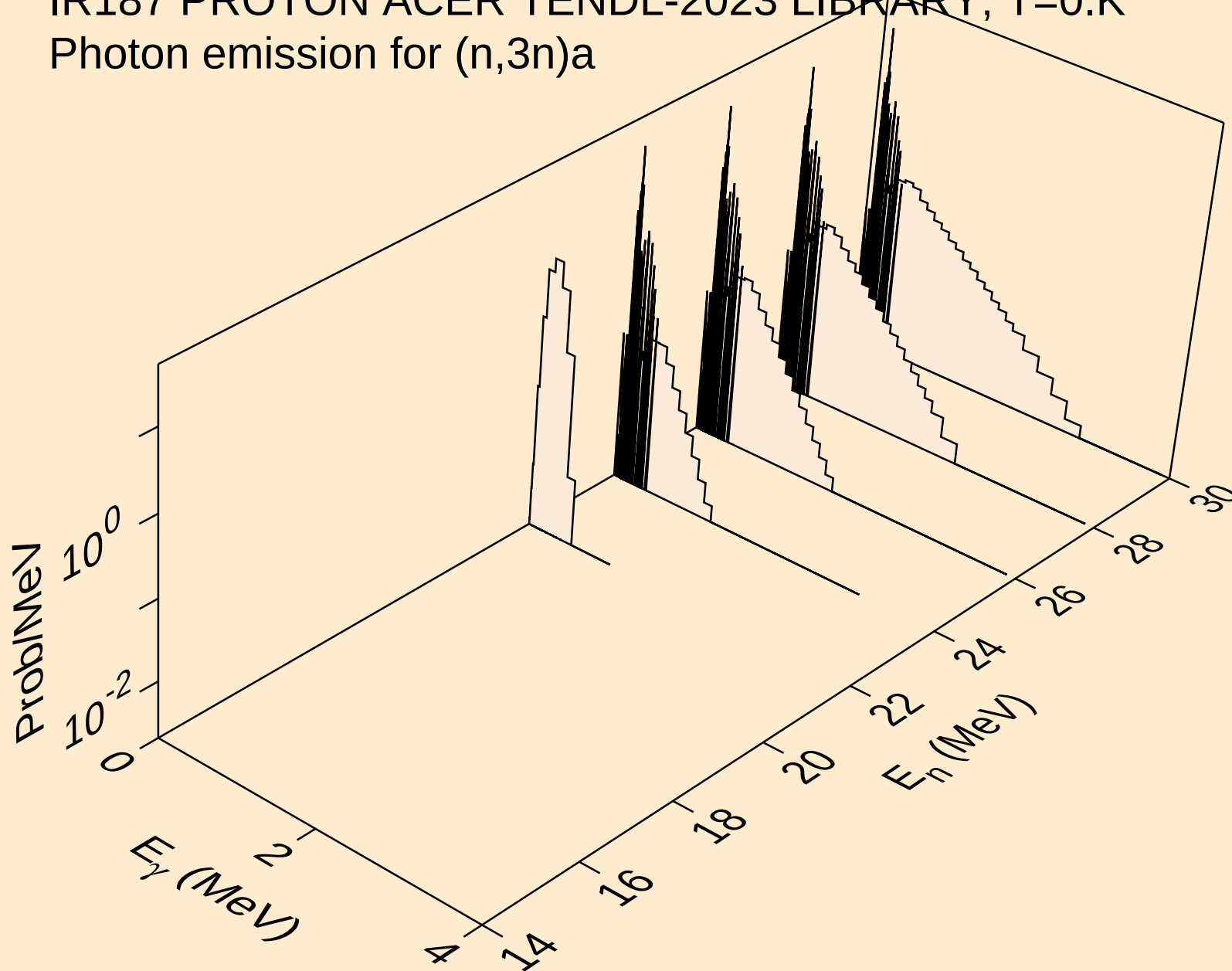
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



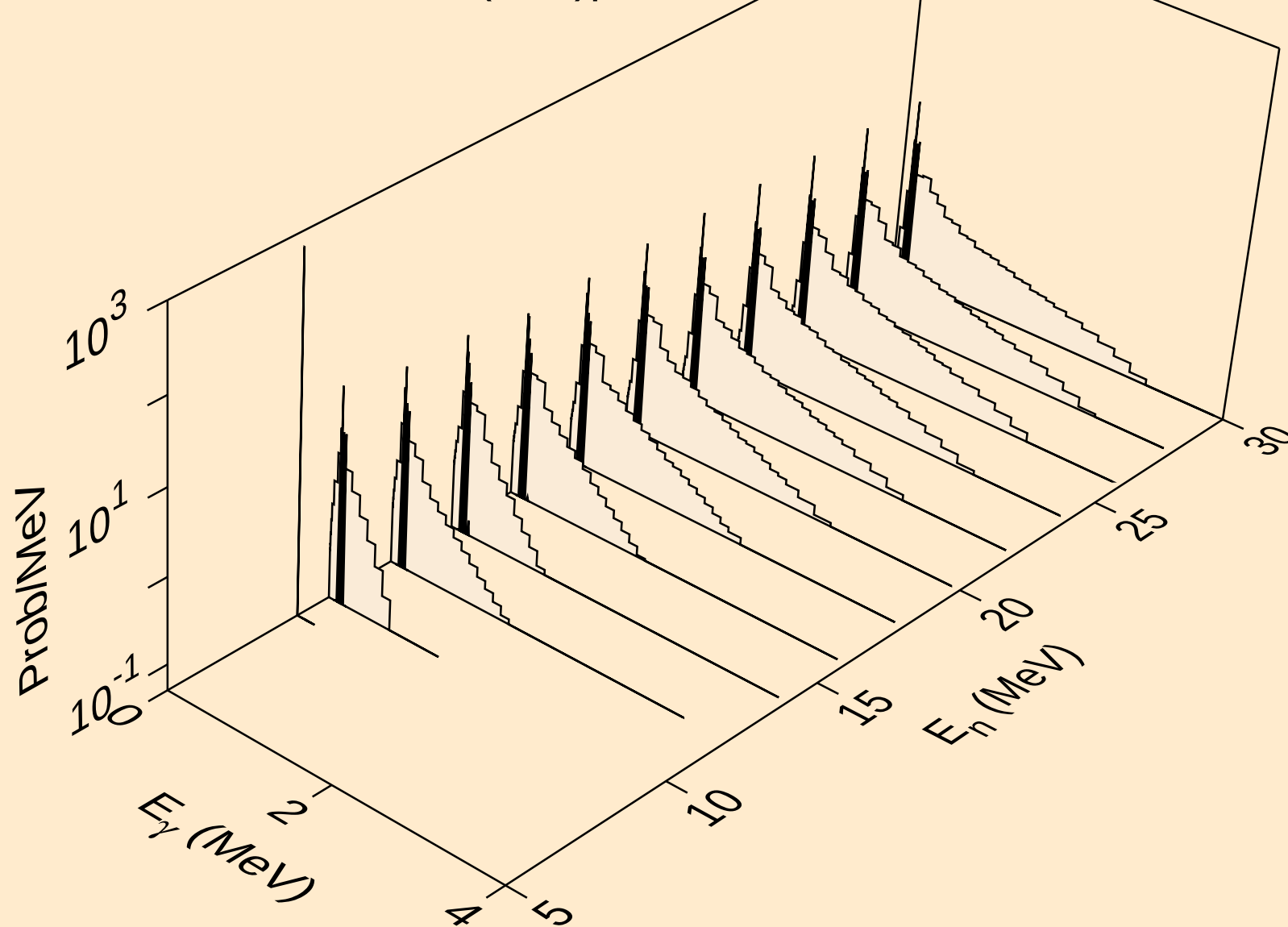
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n) α



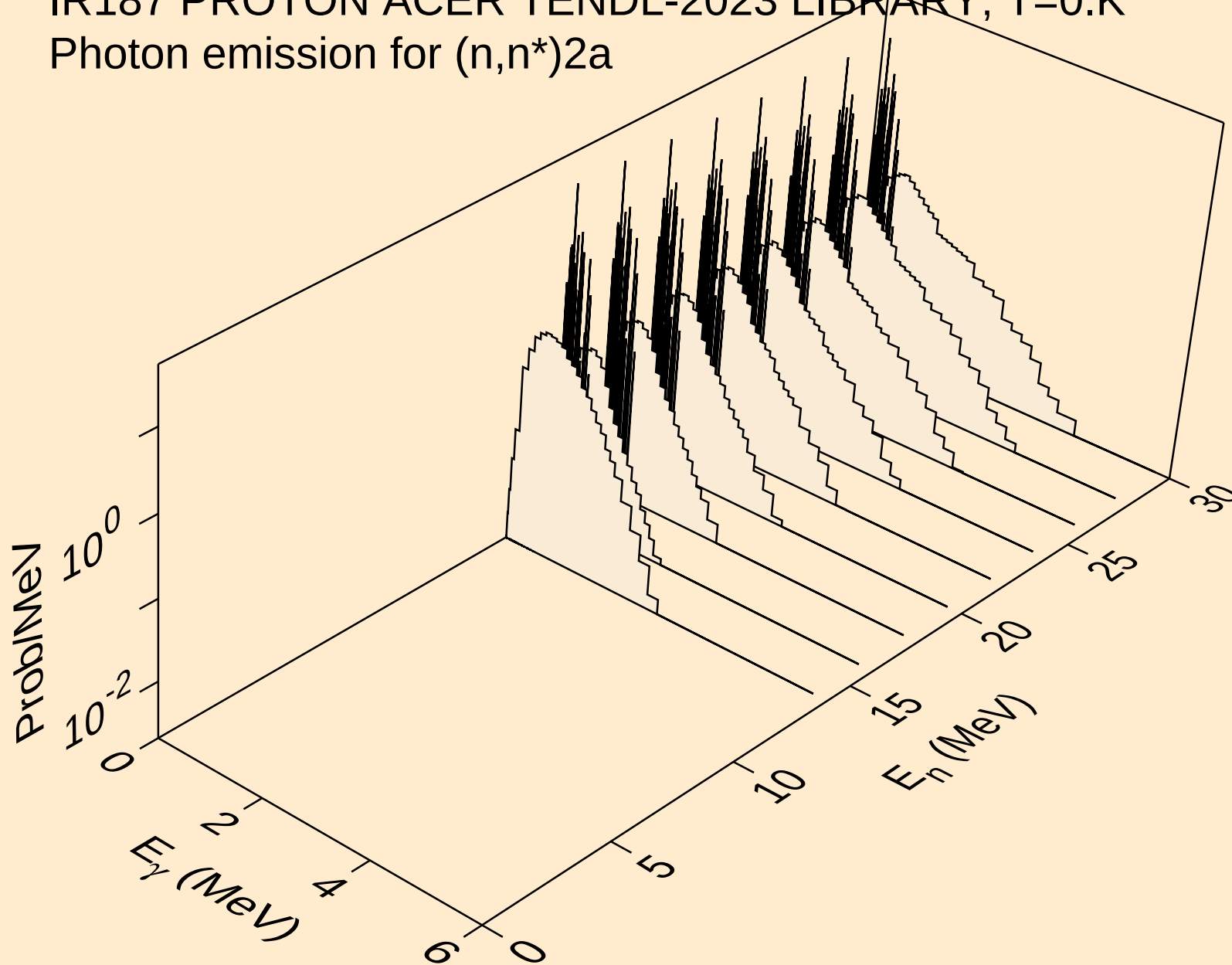
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p

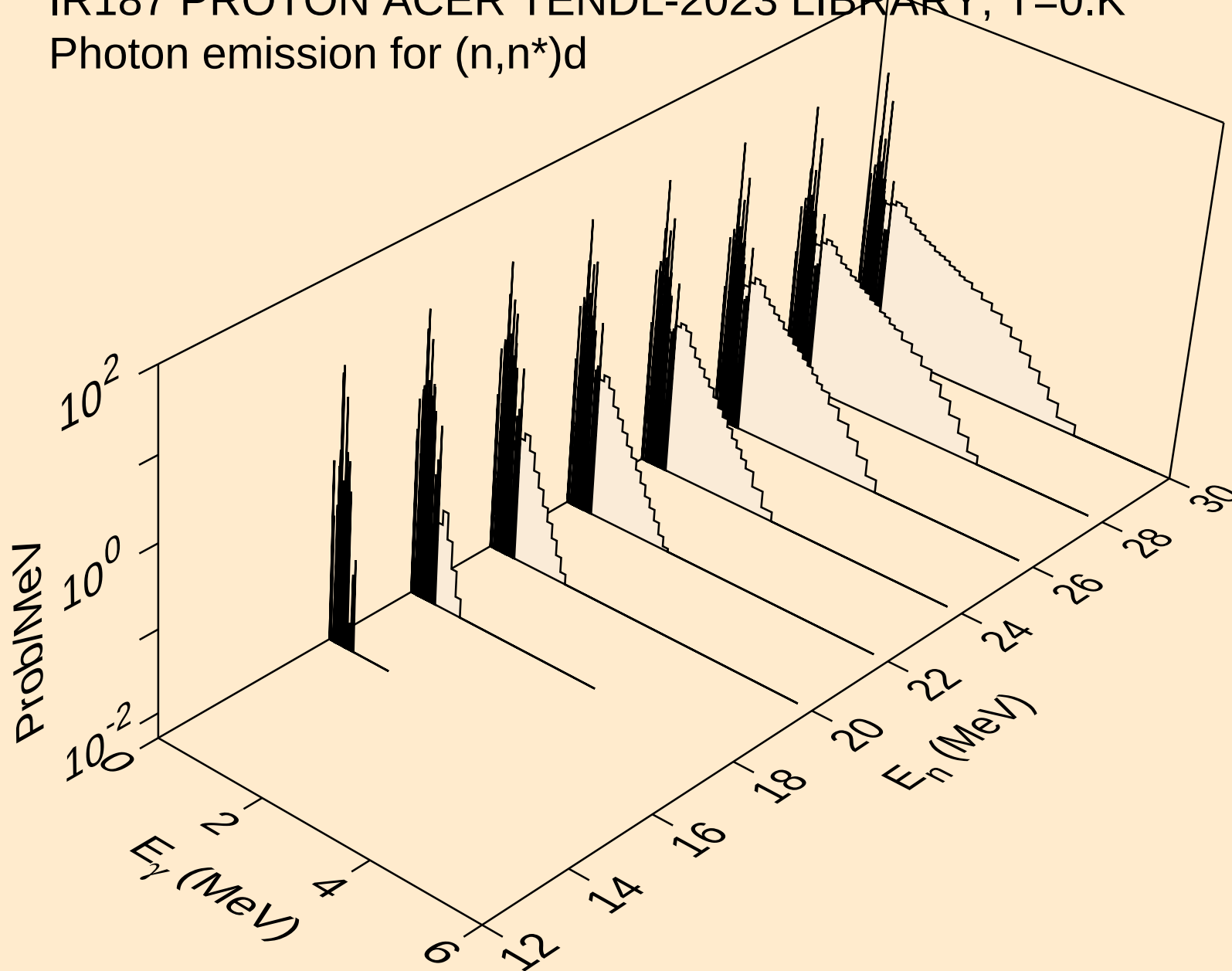


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)2a

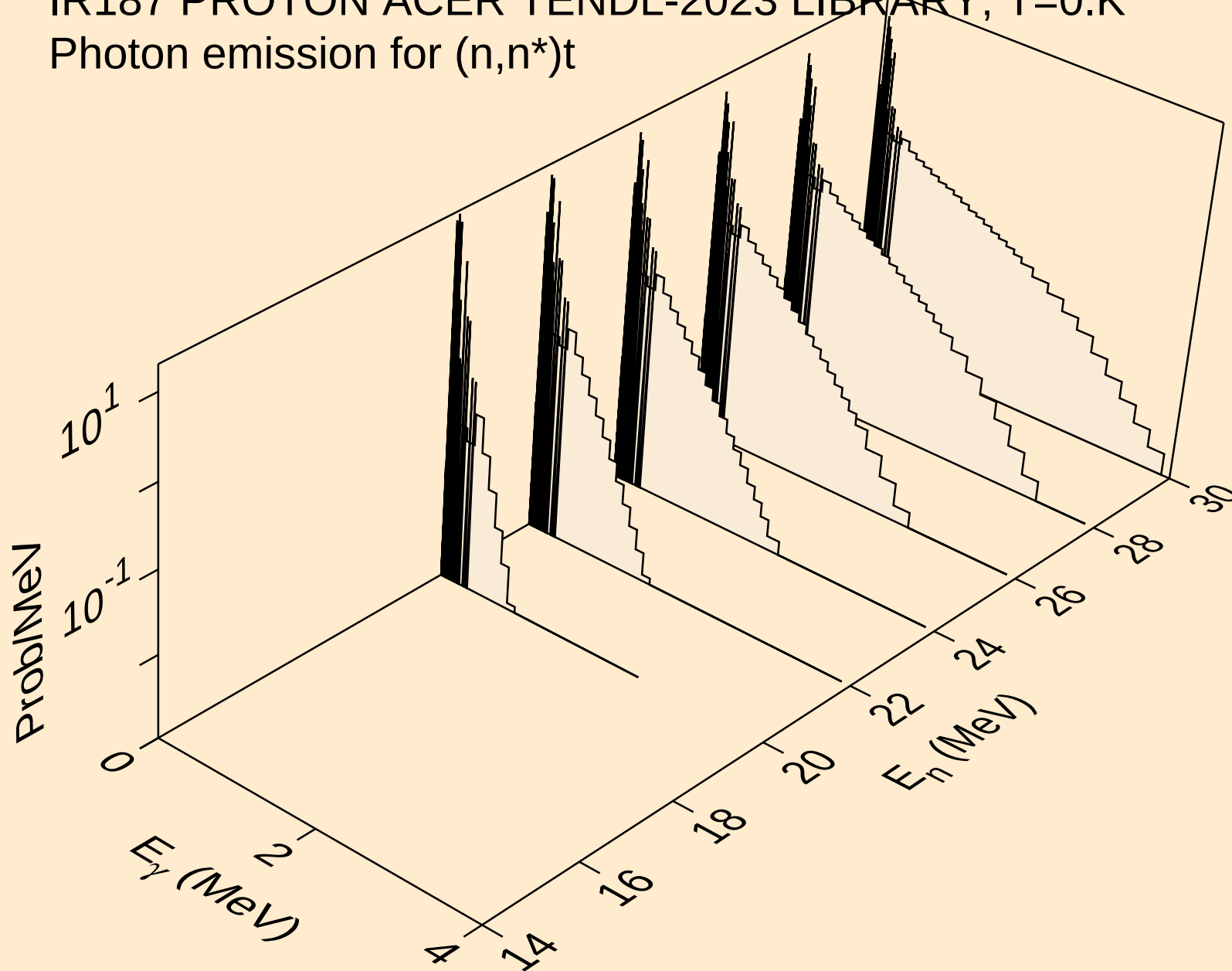


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



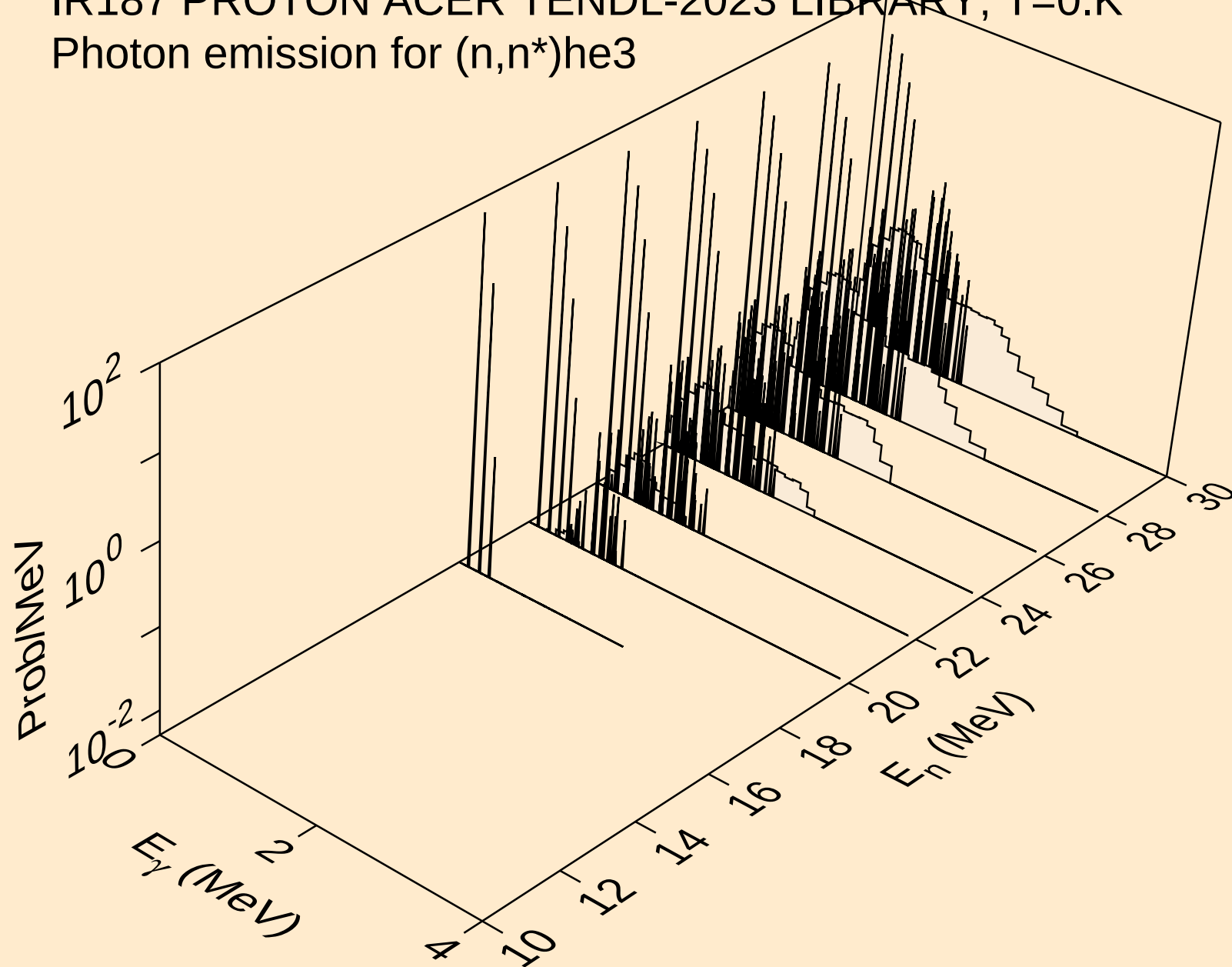
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)t

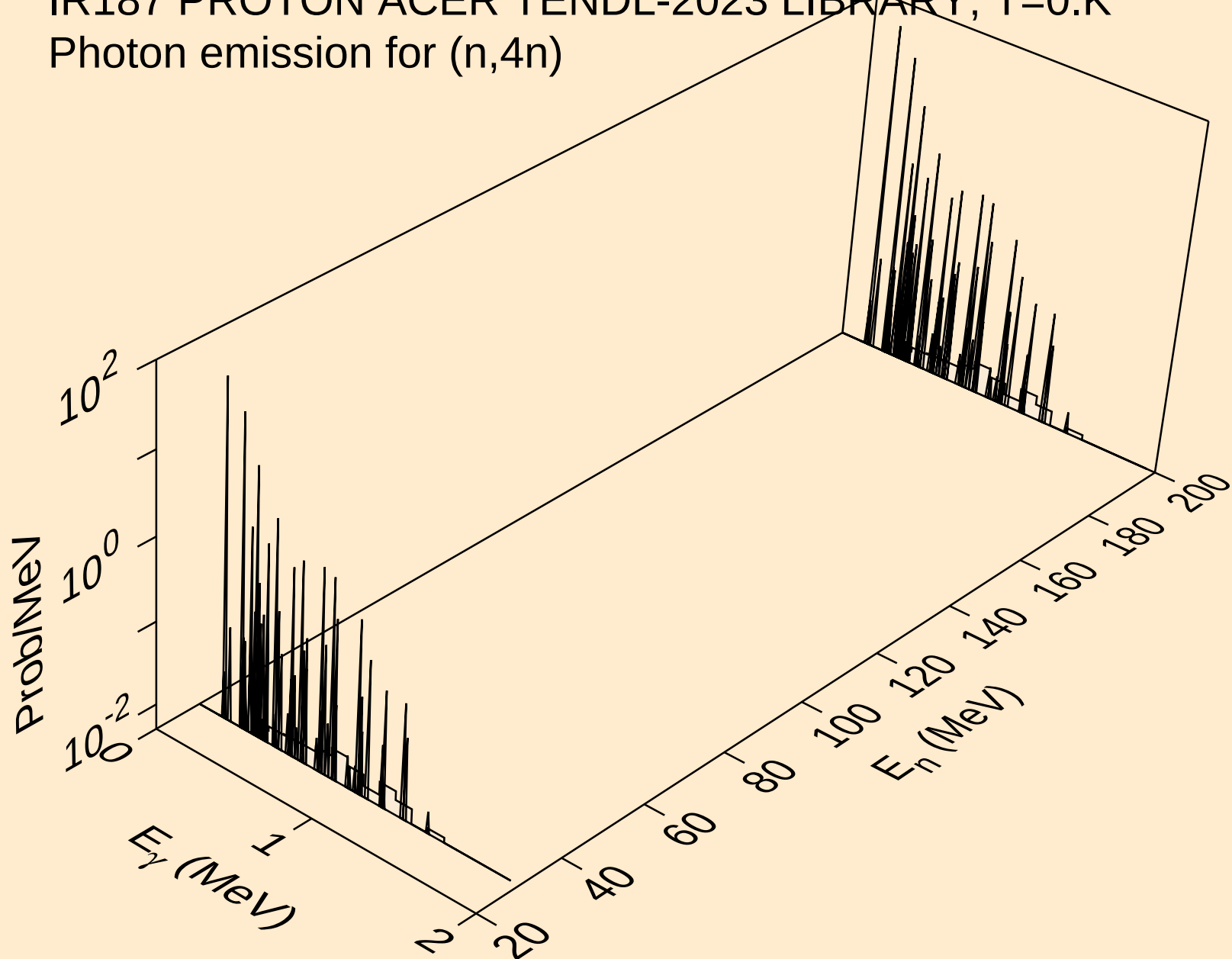


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

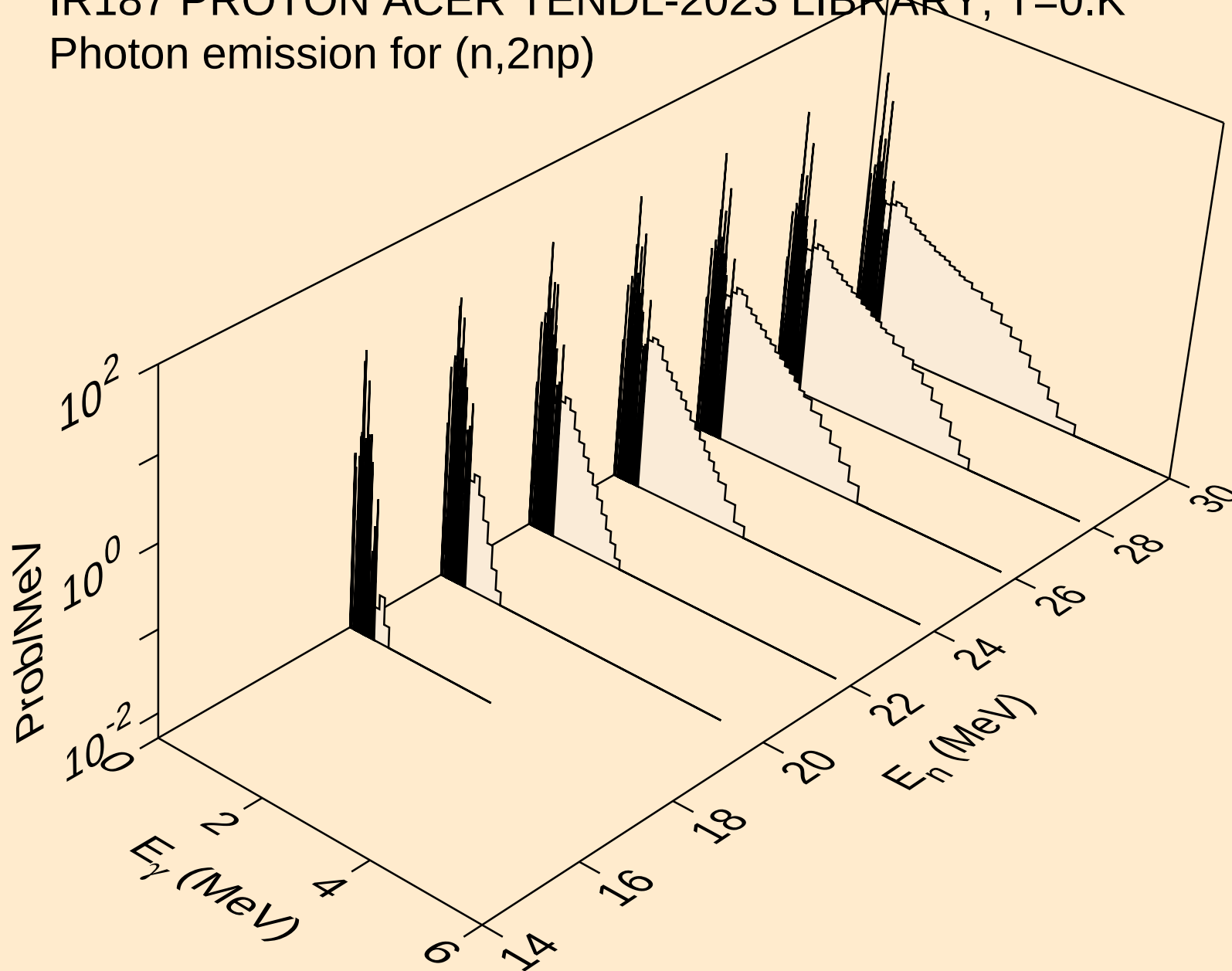
Photon emission for (n,n*)he3



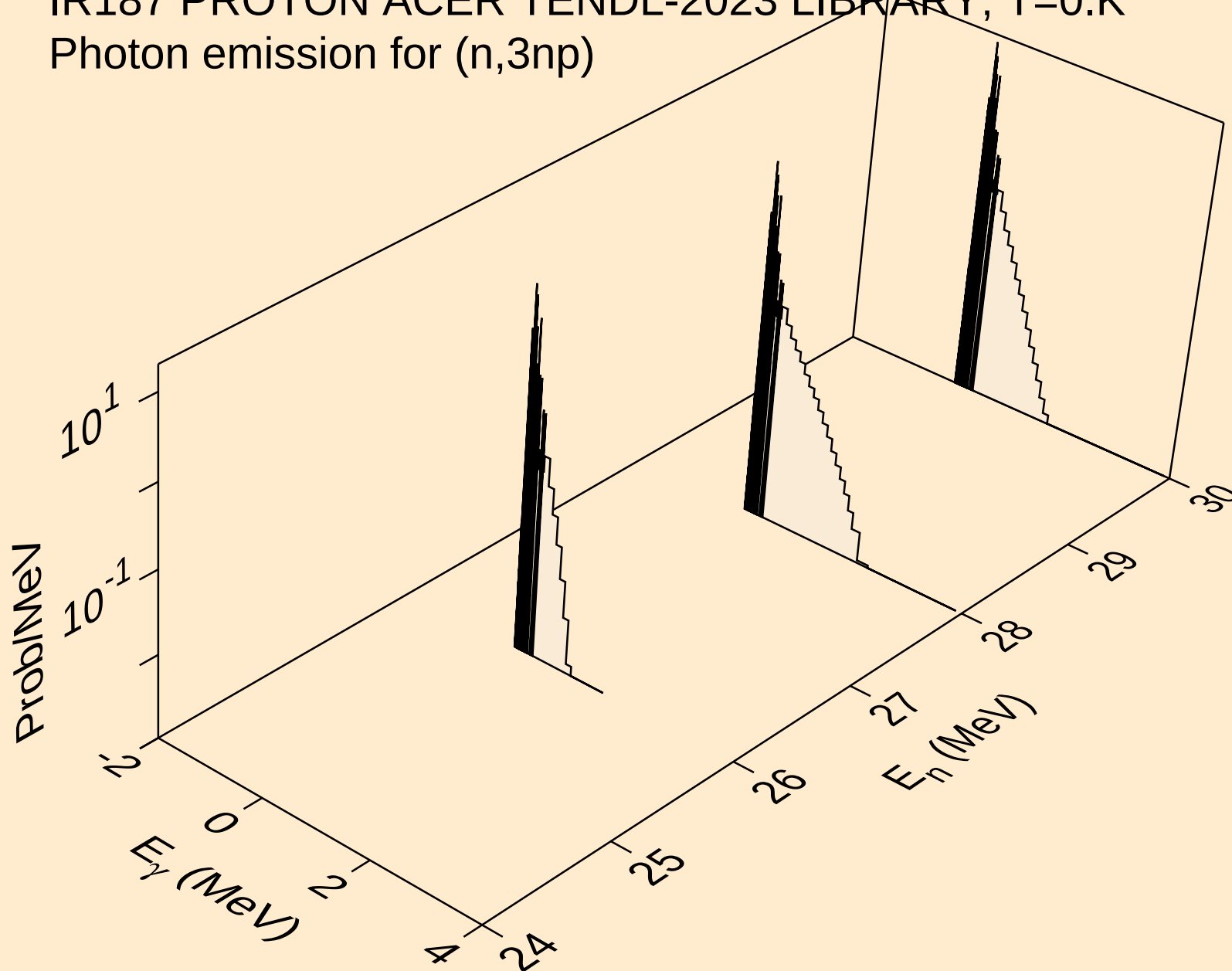
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



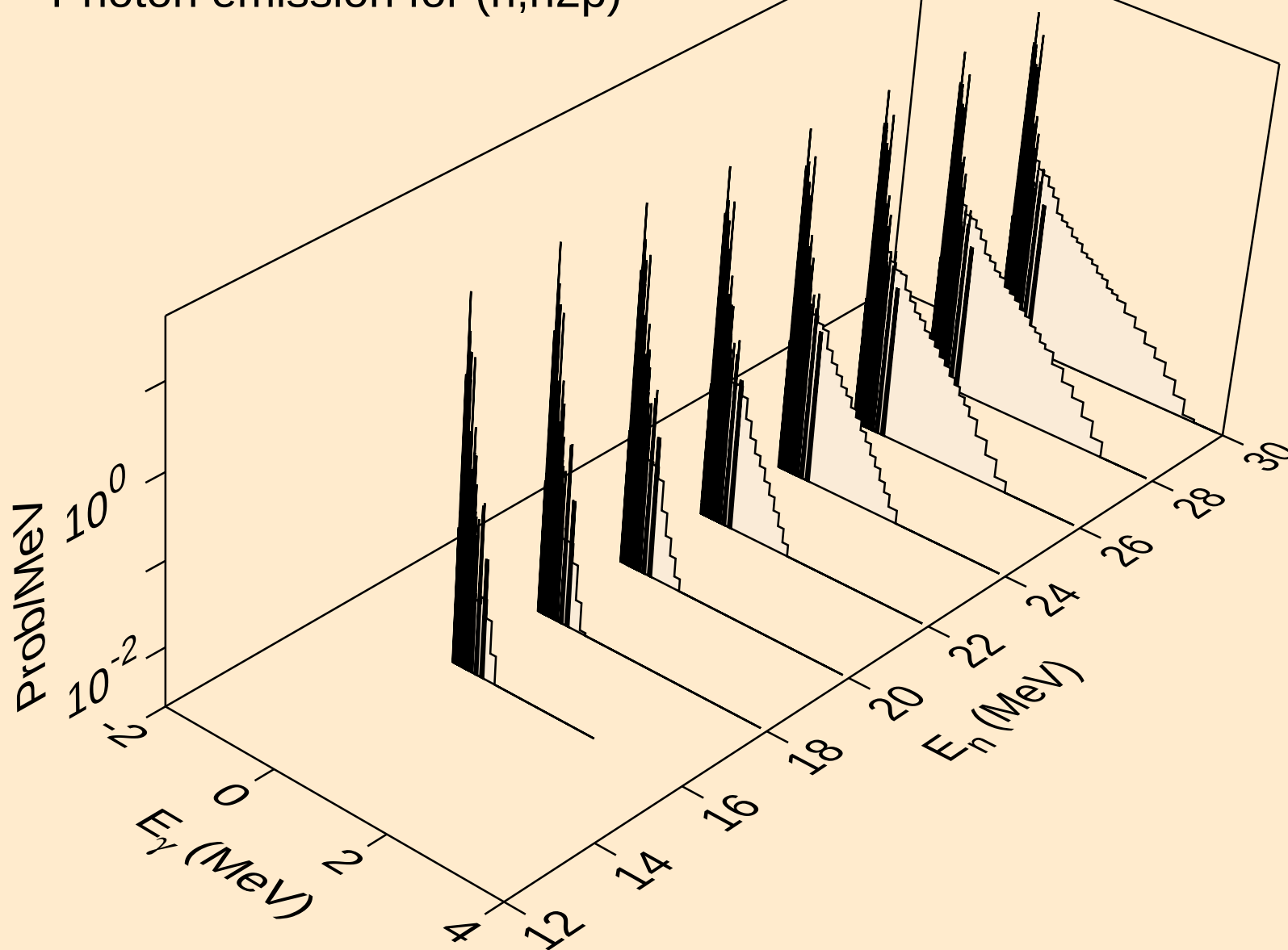
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



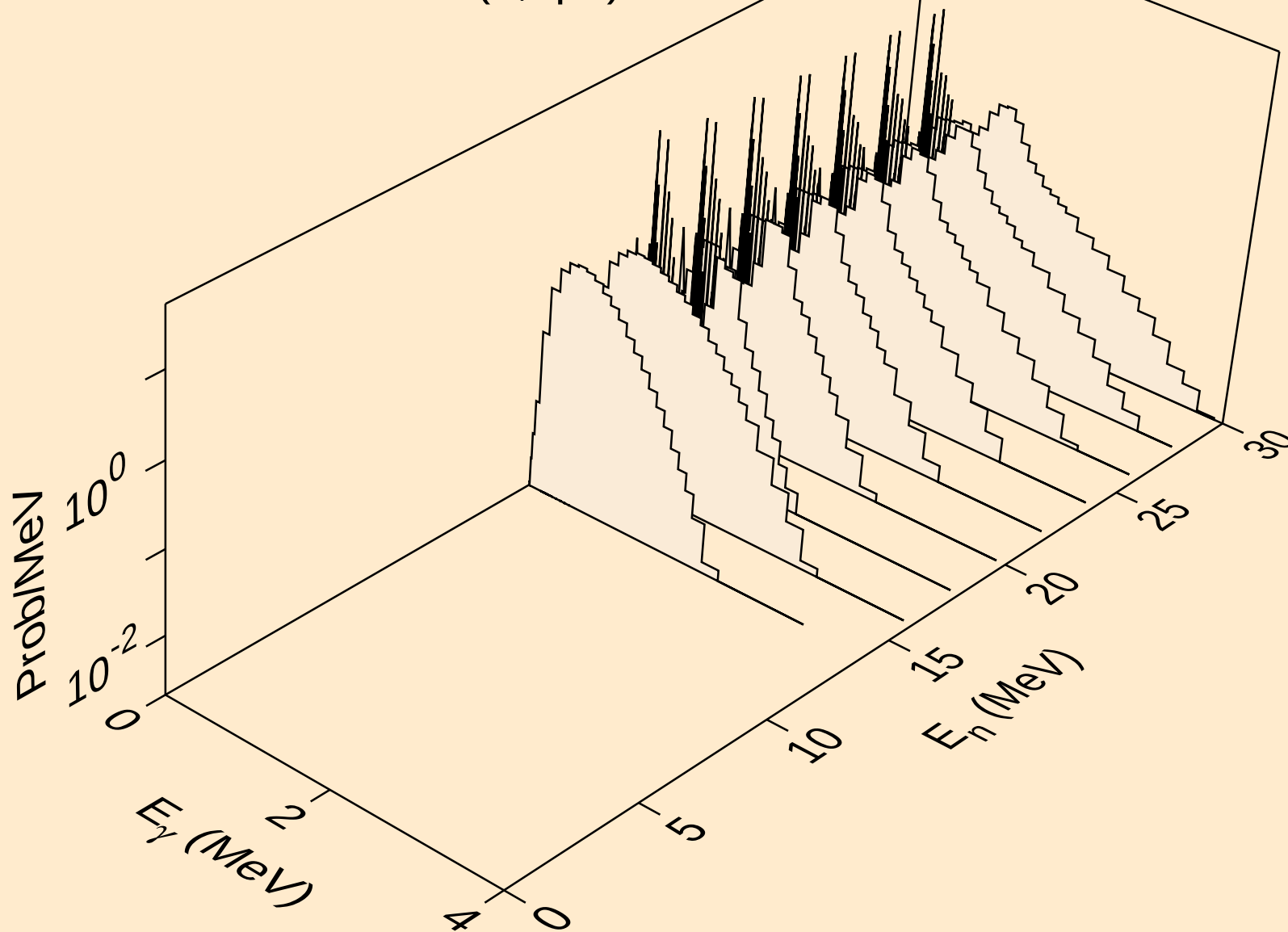
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



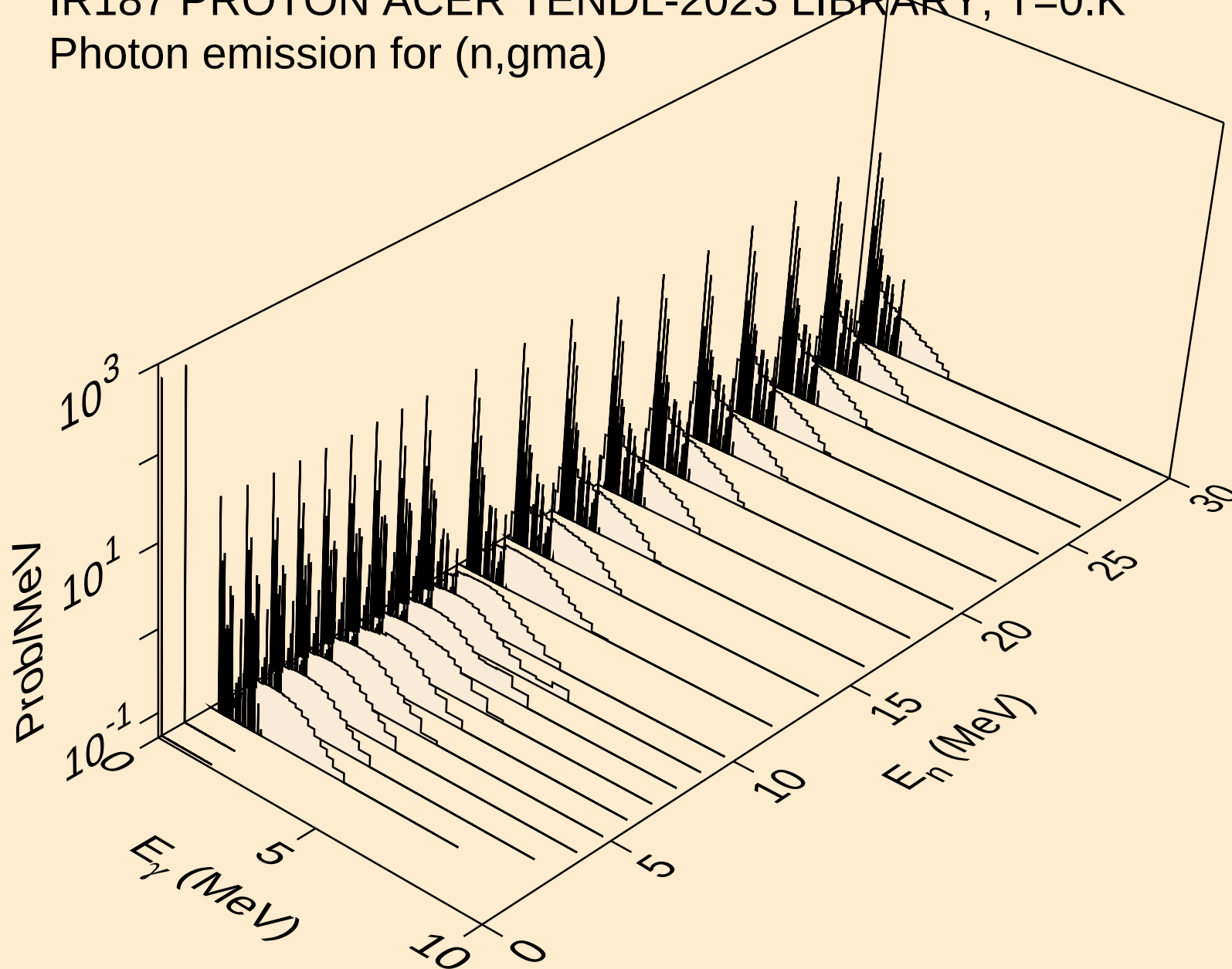
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



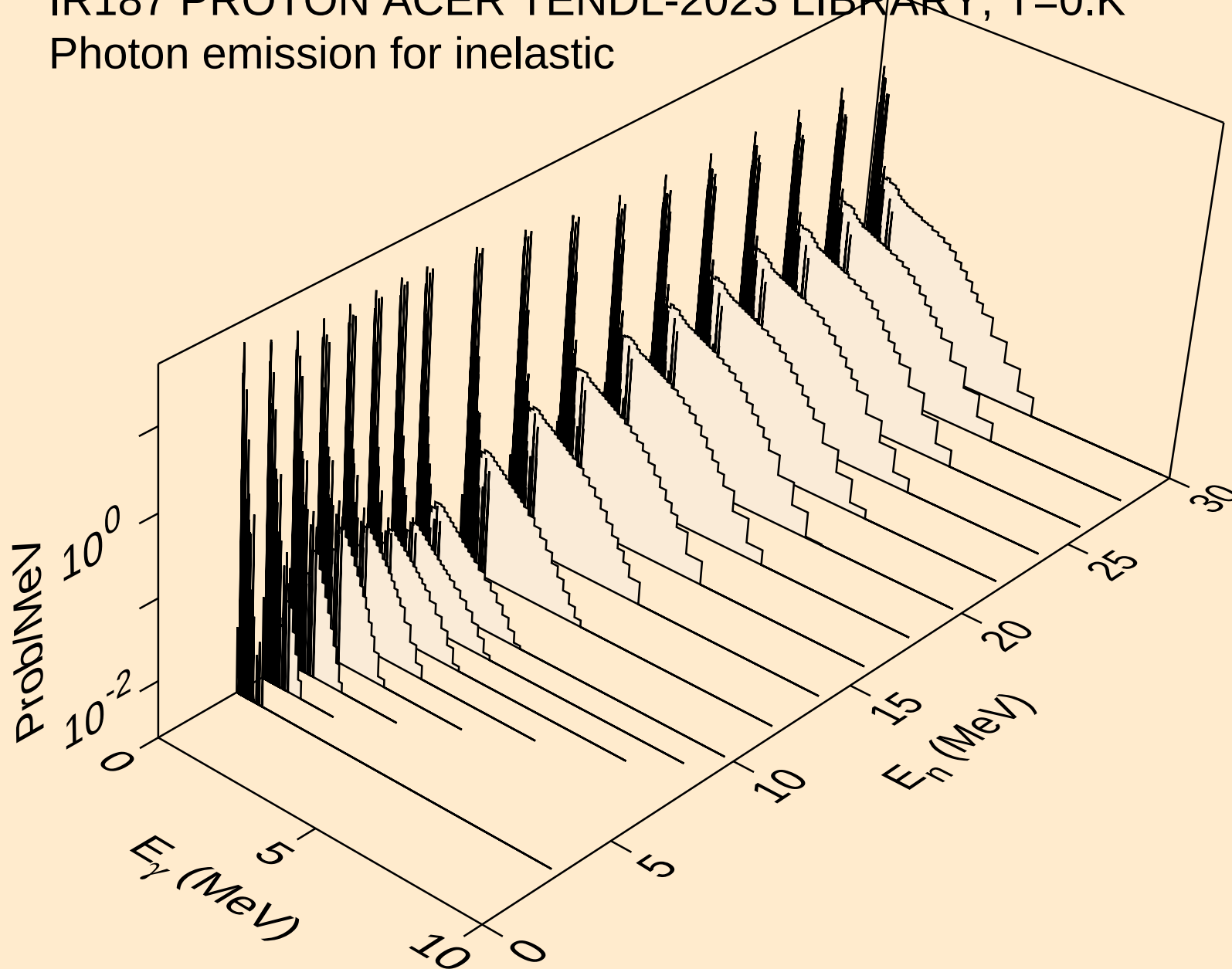
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



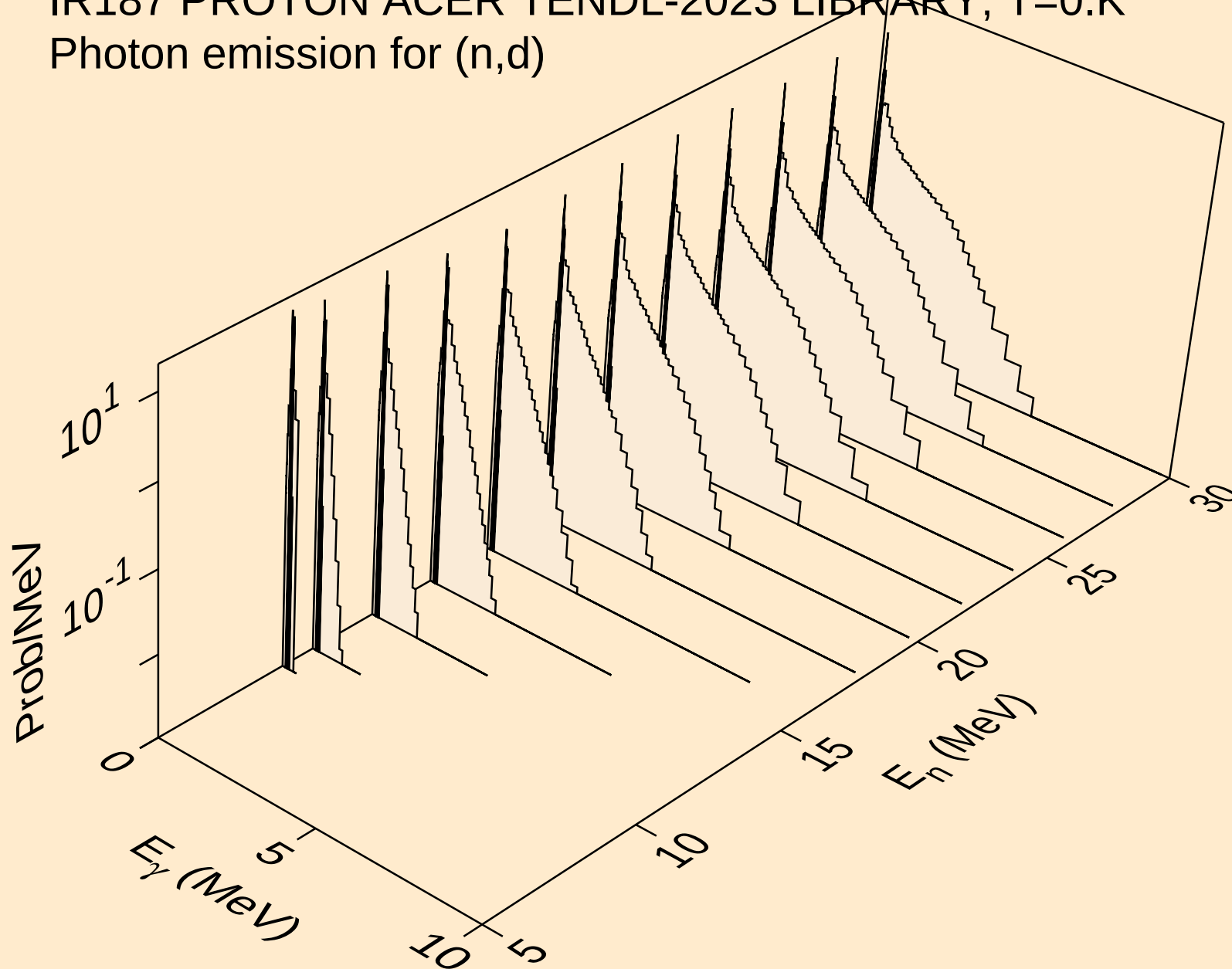
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



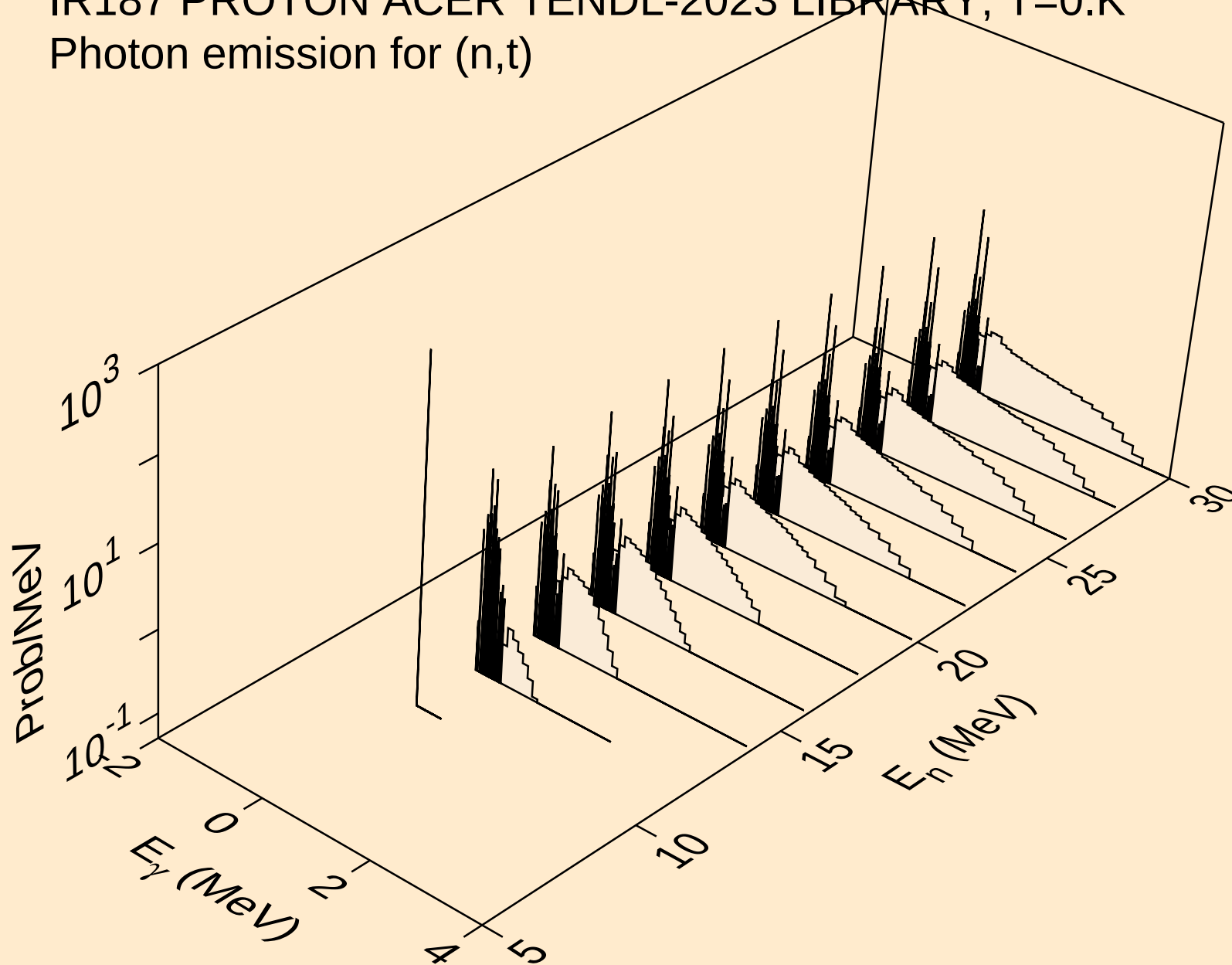
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



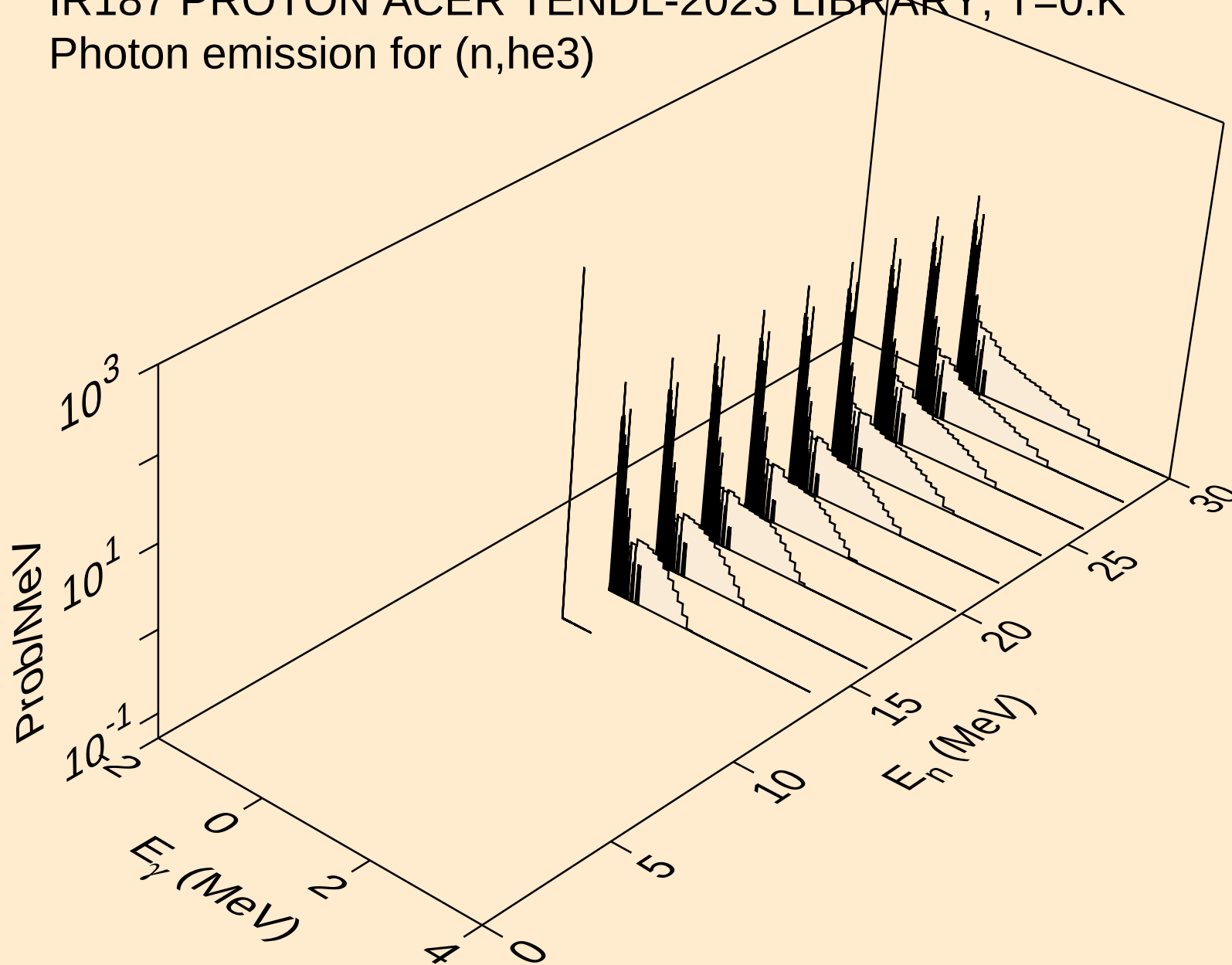
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



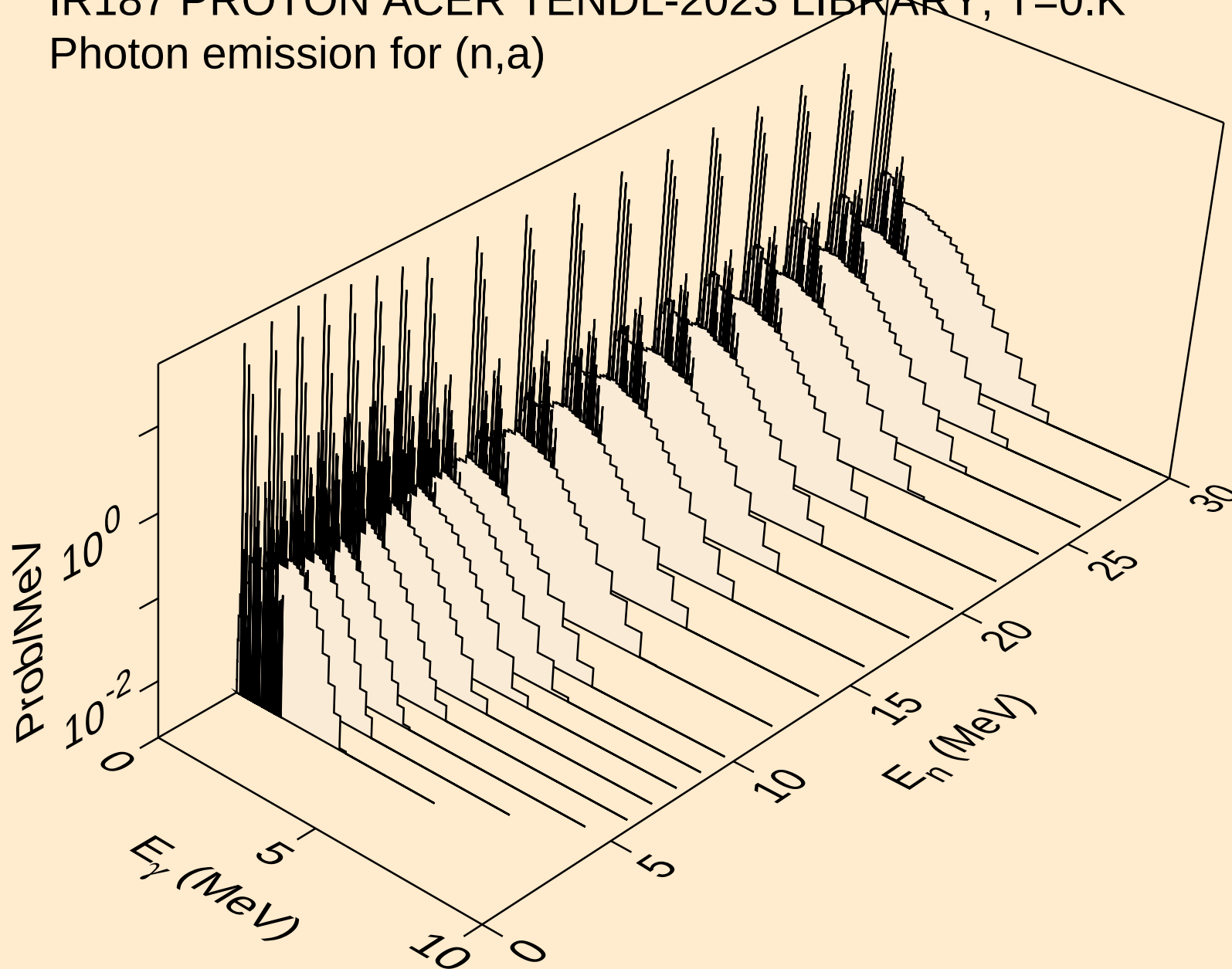
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



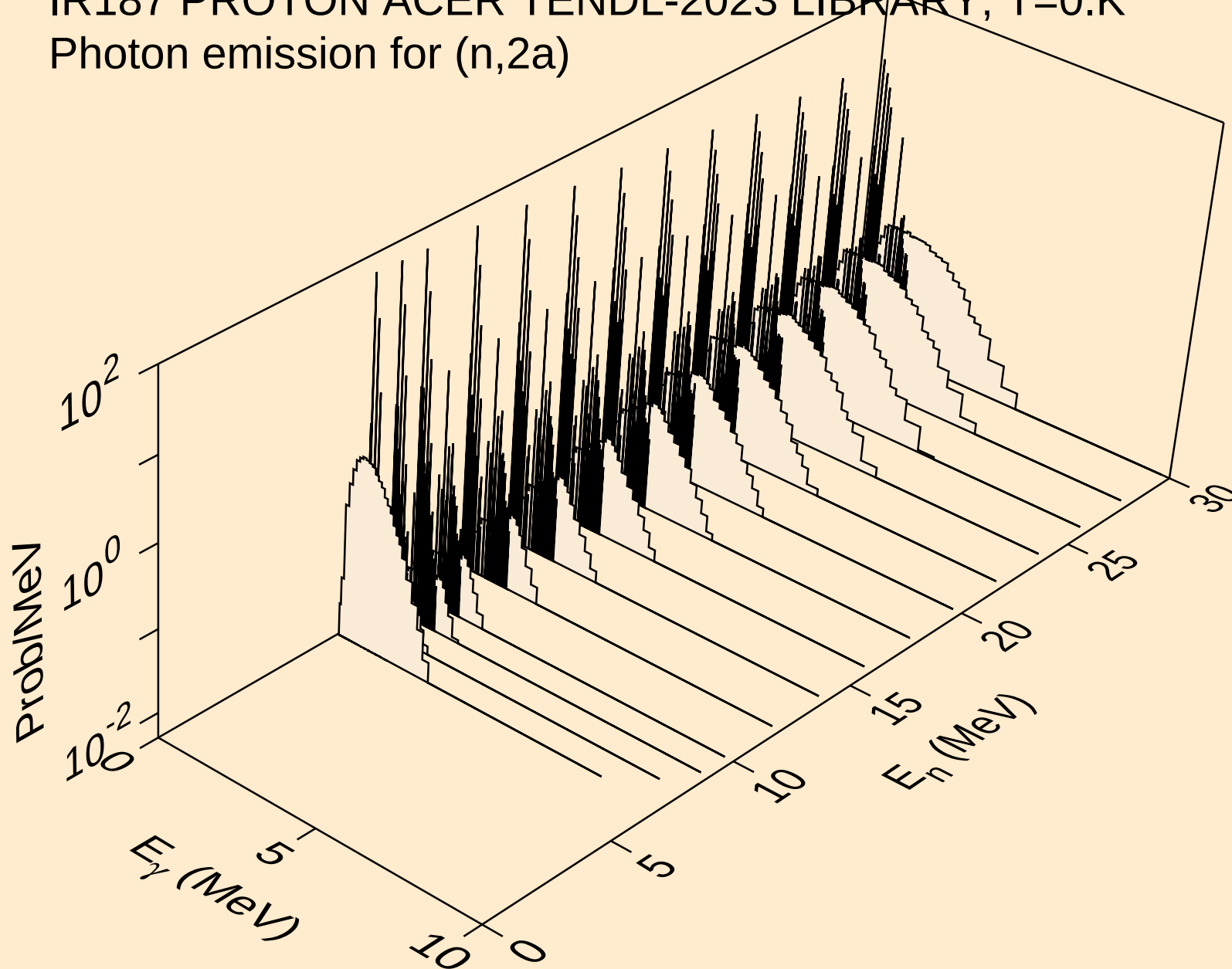
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



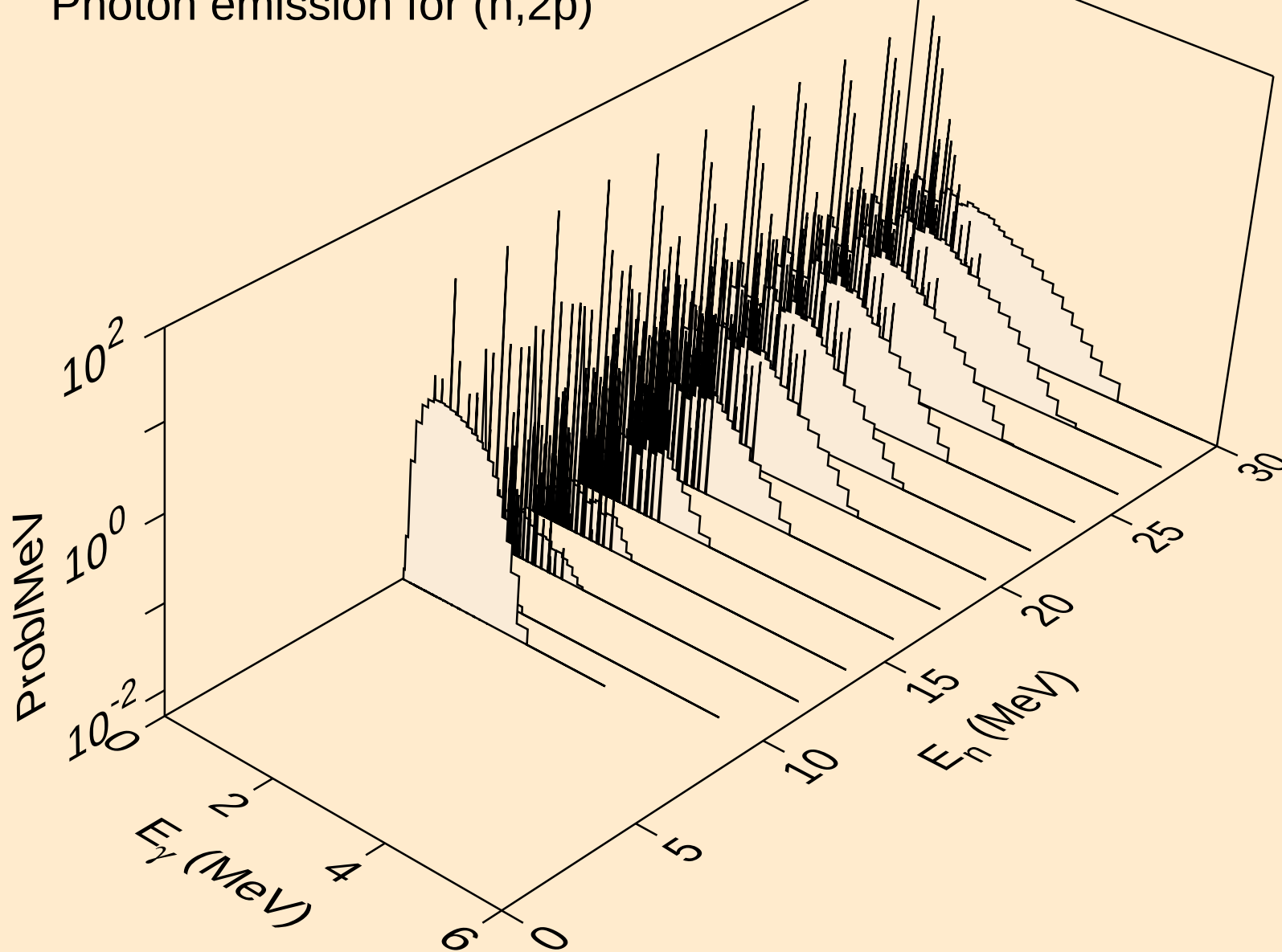
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



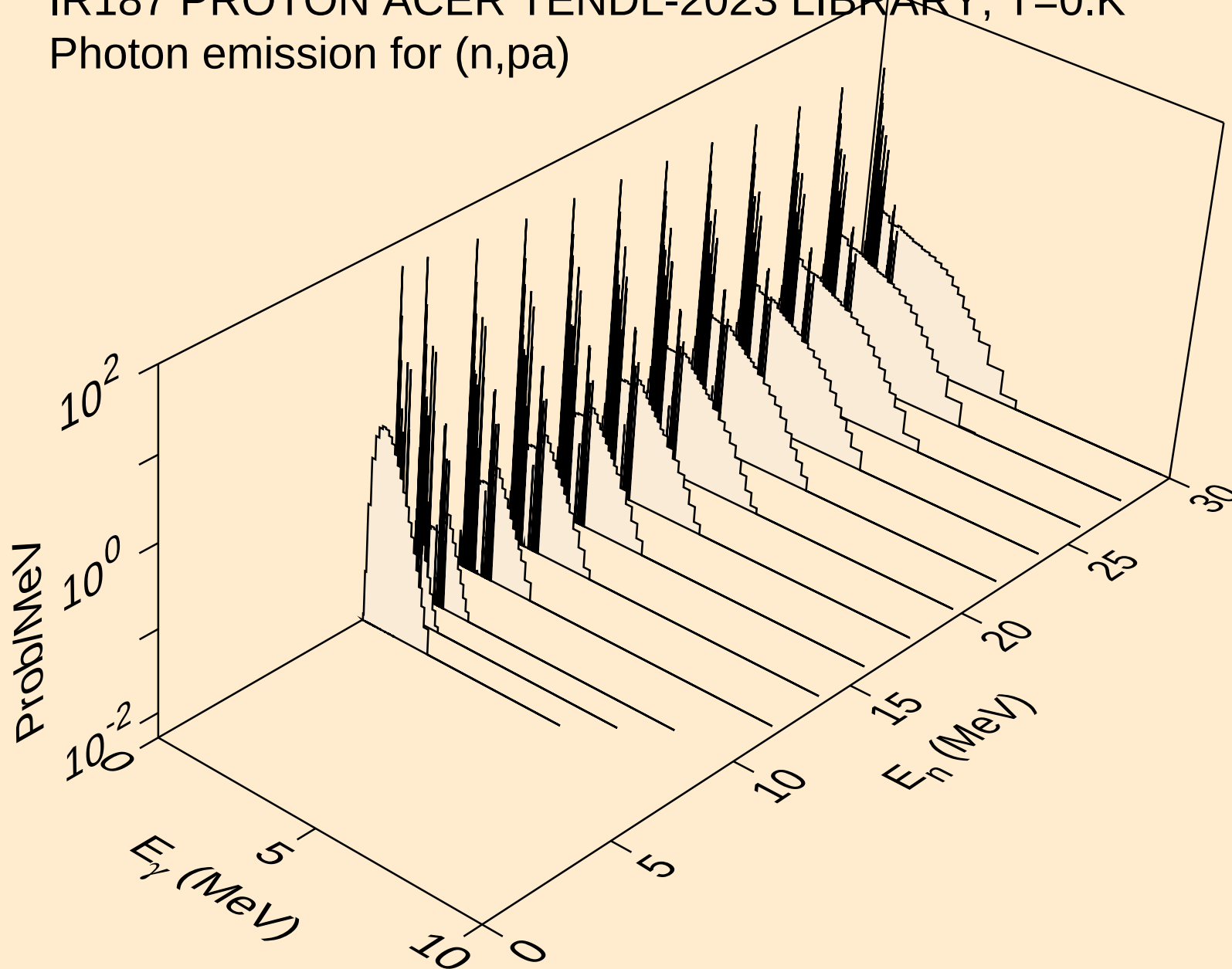
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



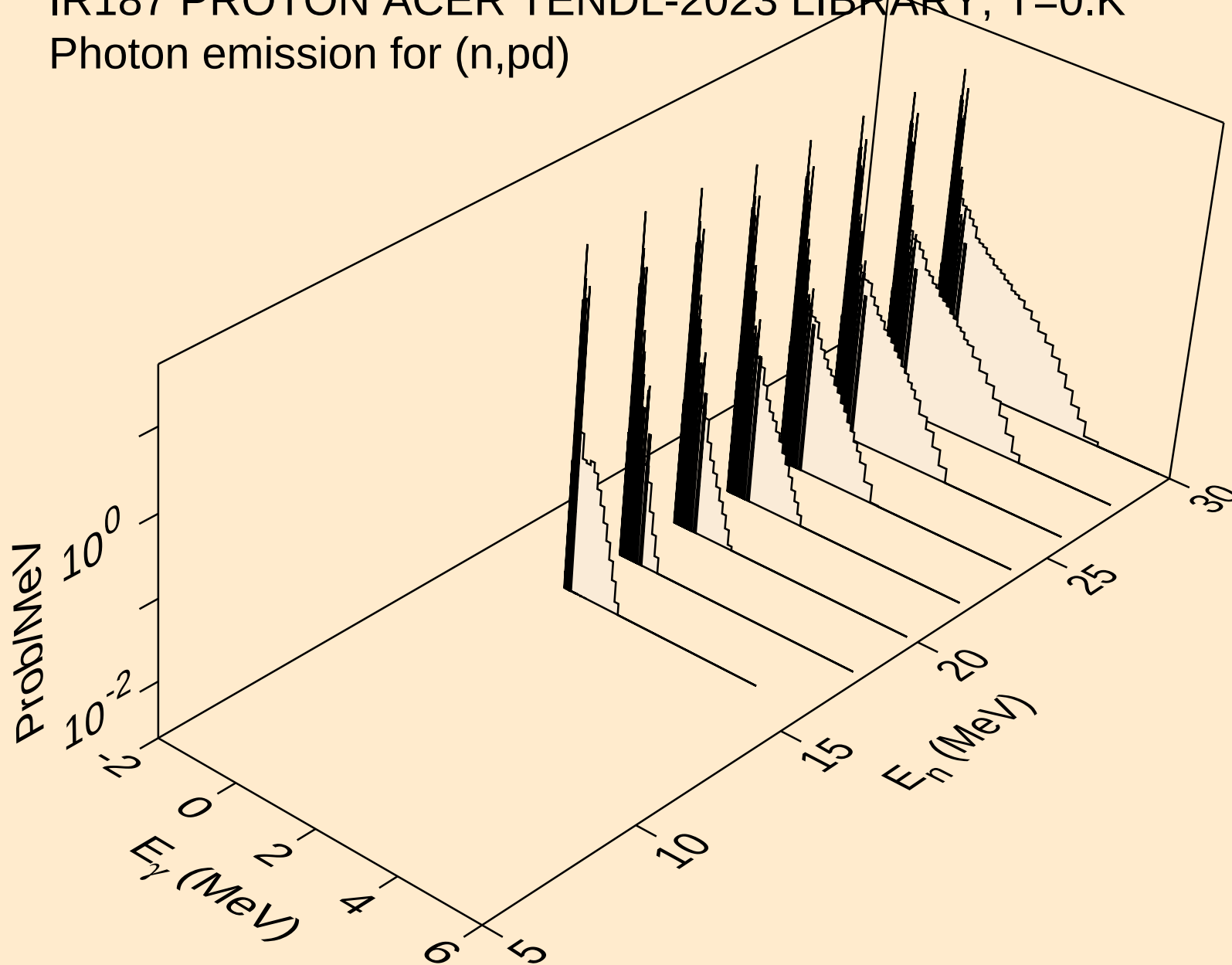
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)

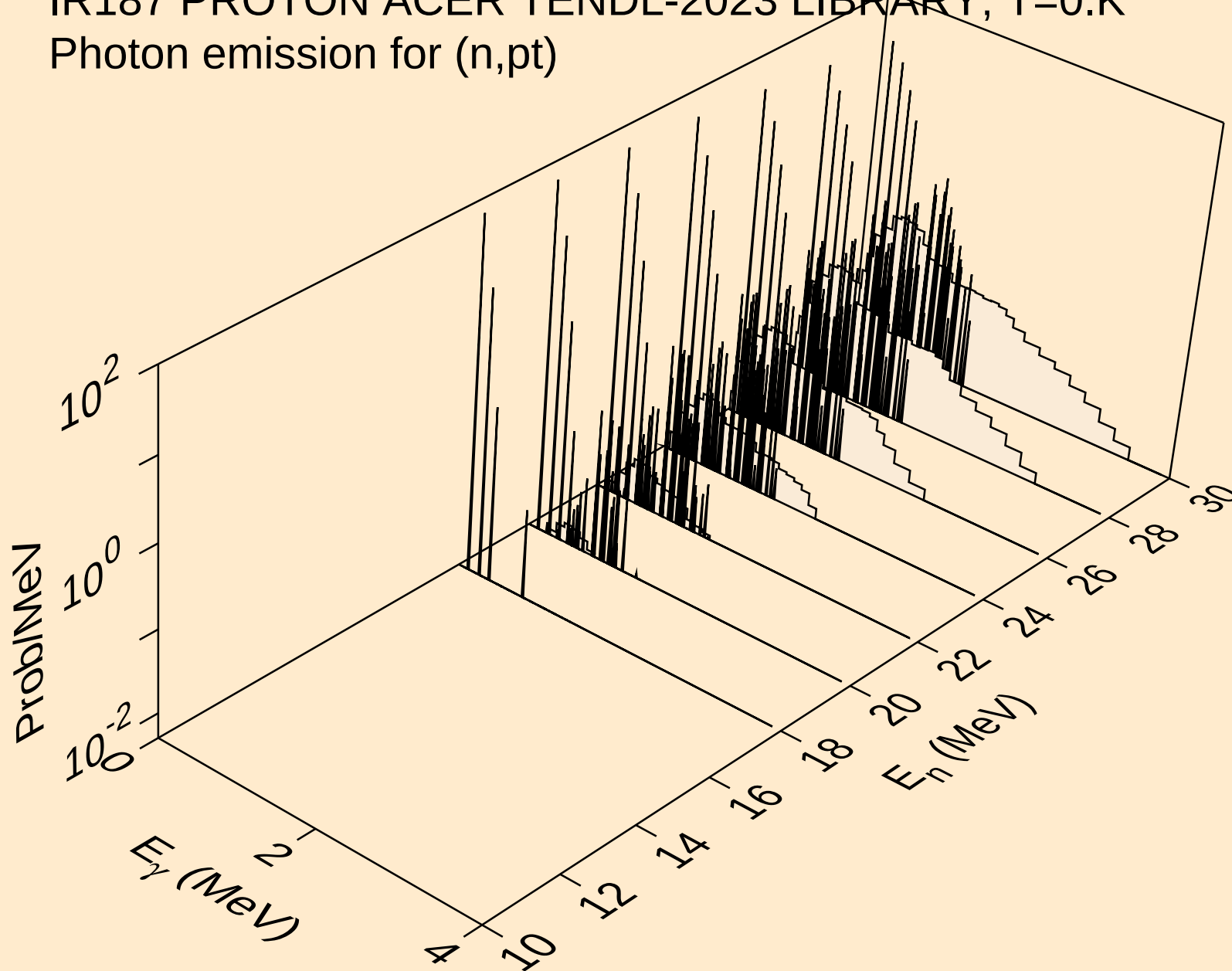


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

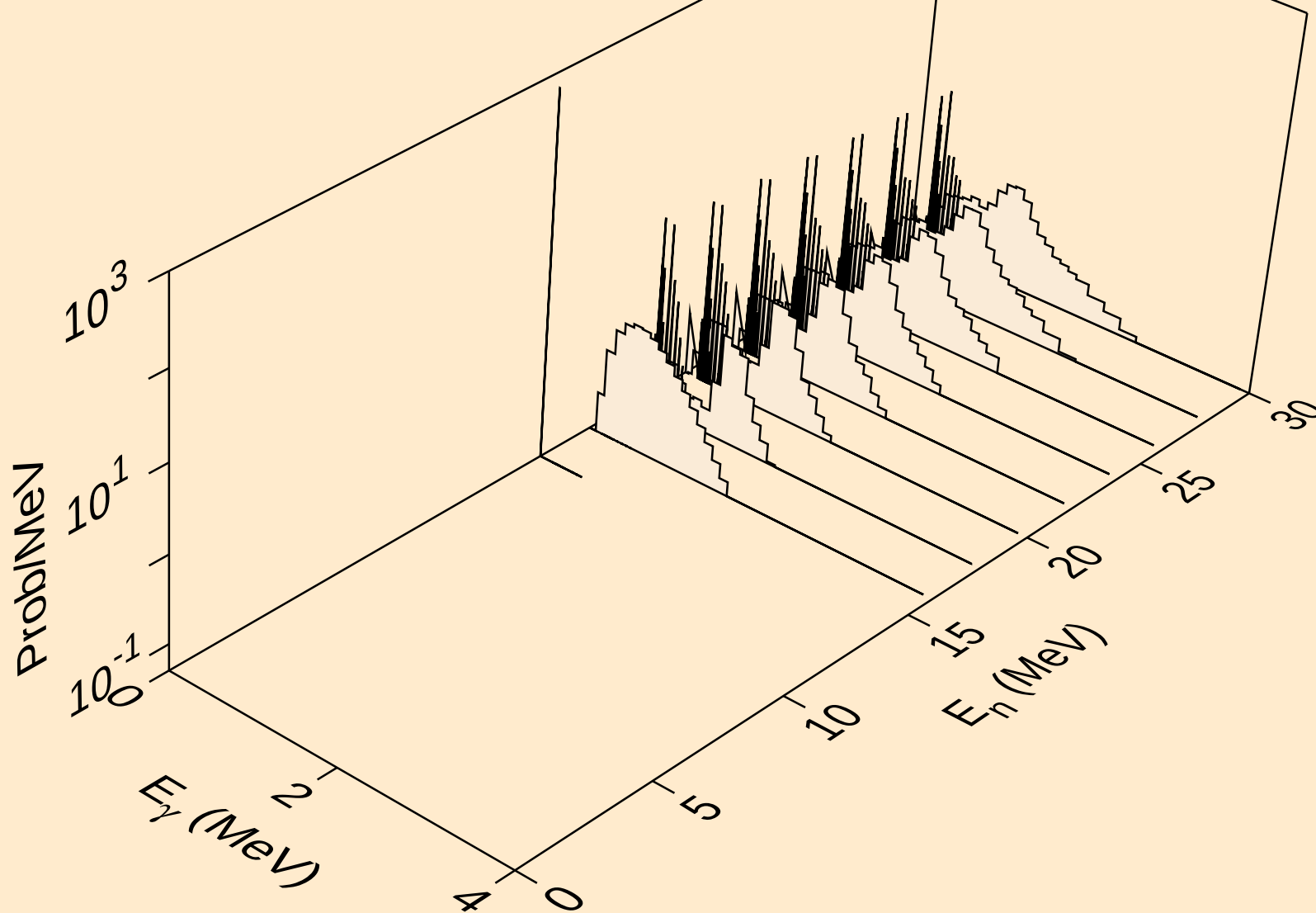


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

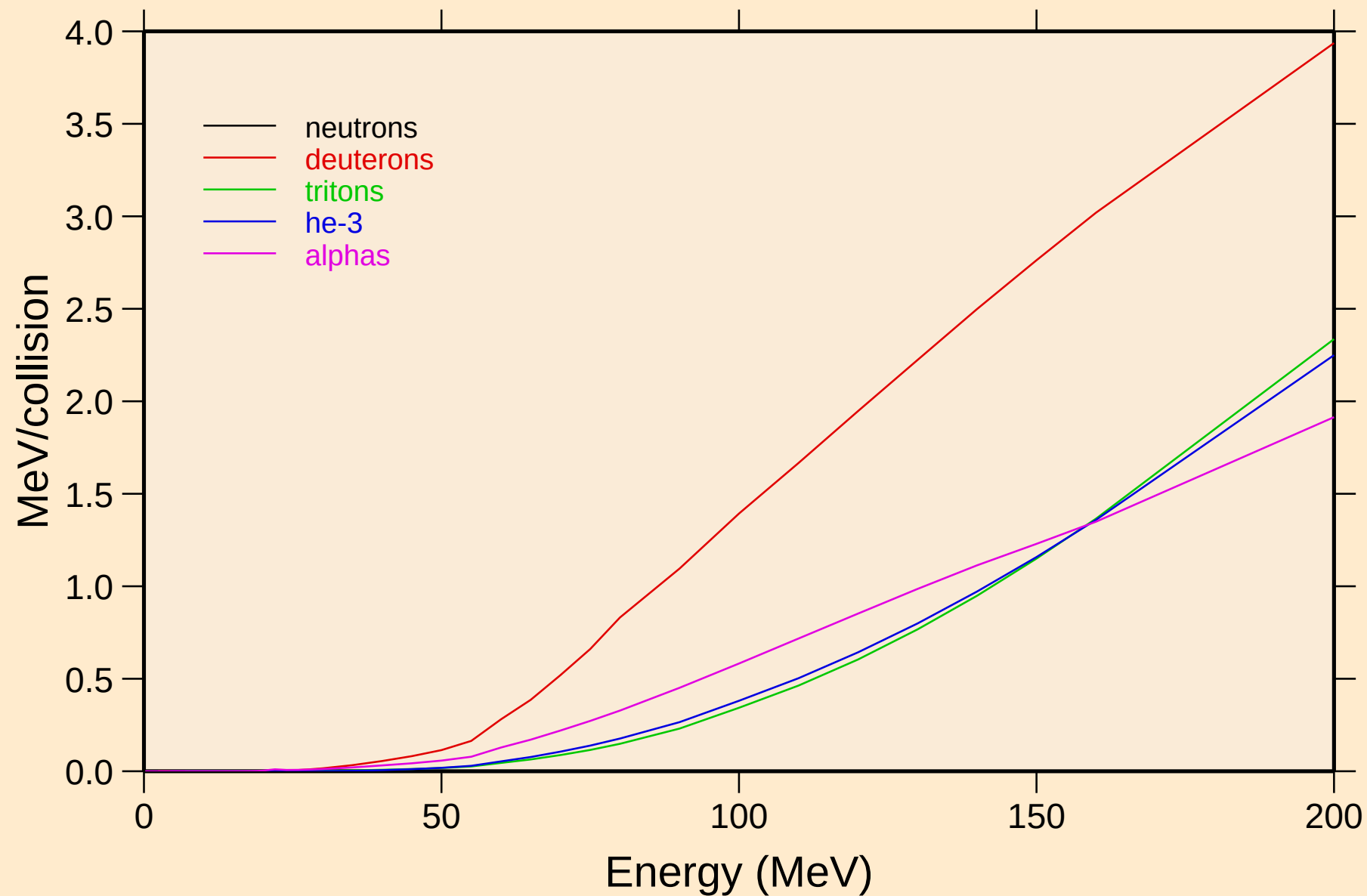
Photon emission for (n,pt)



IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)

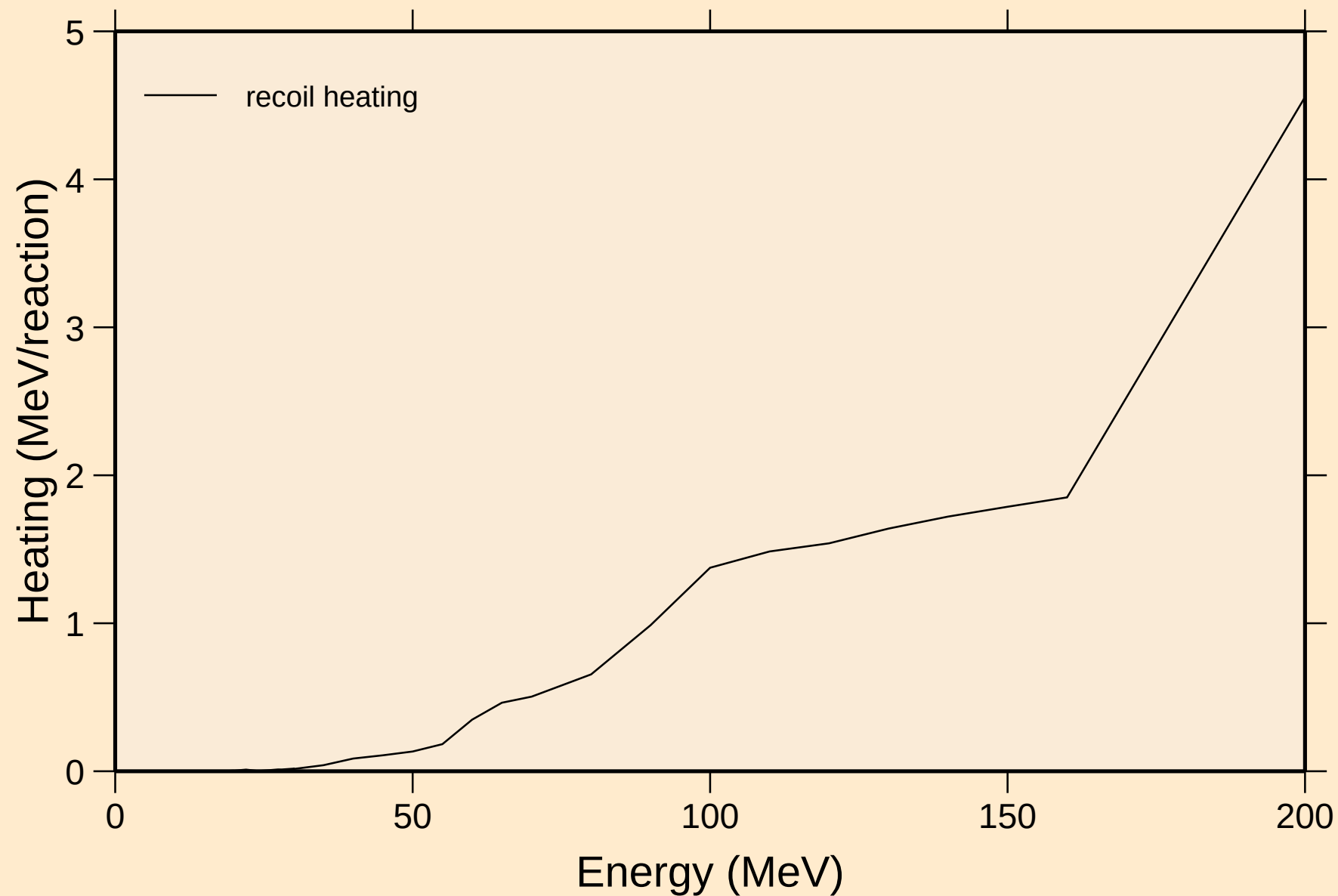


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions



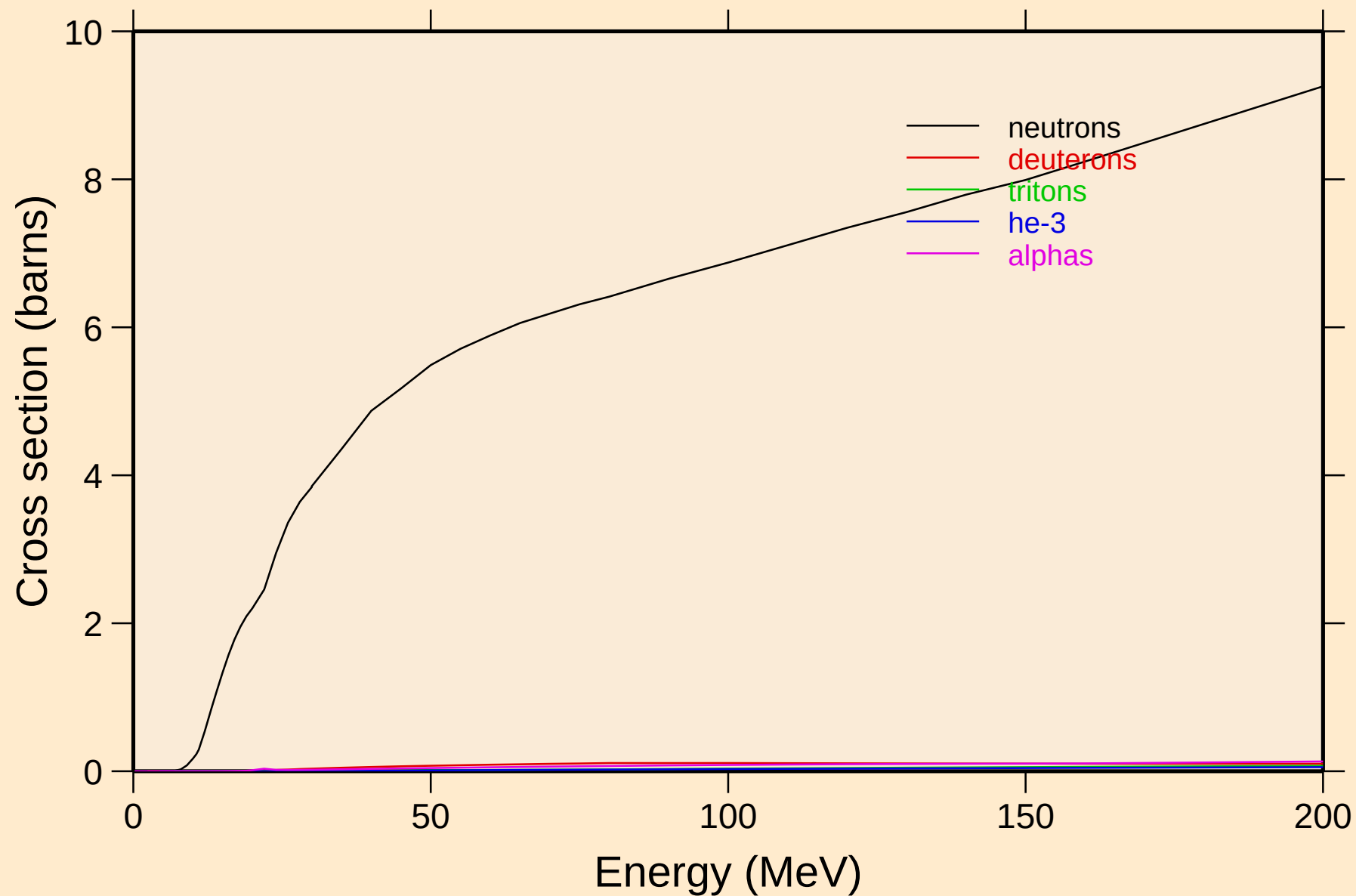
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

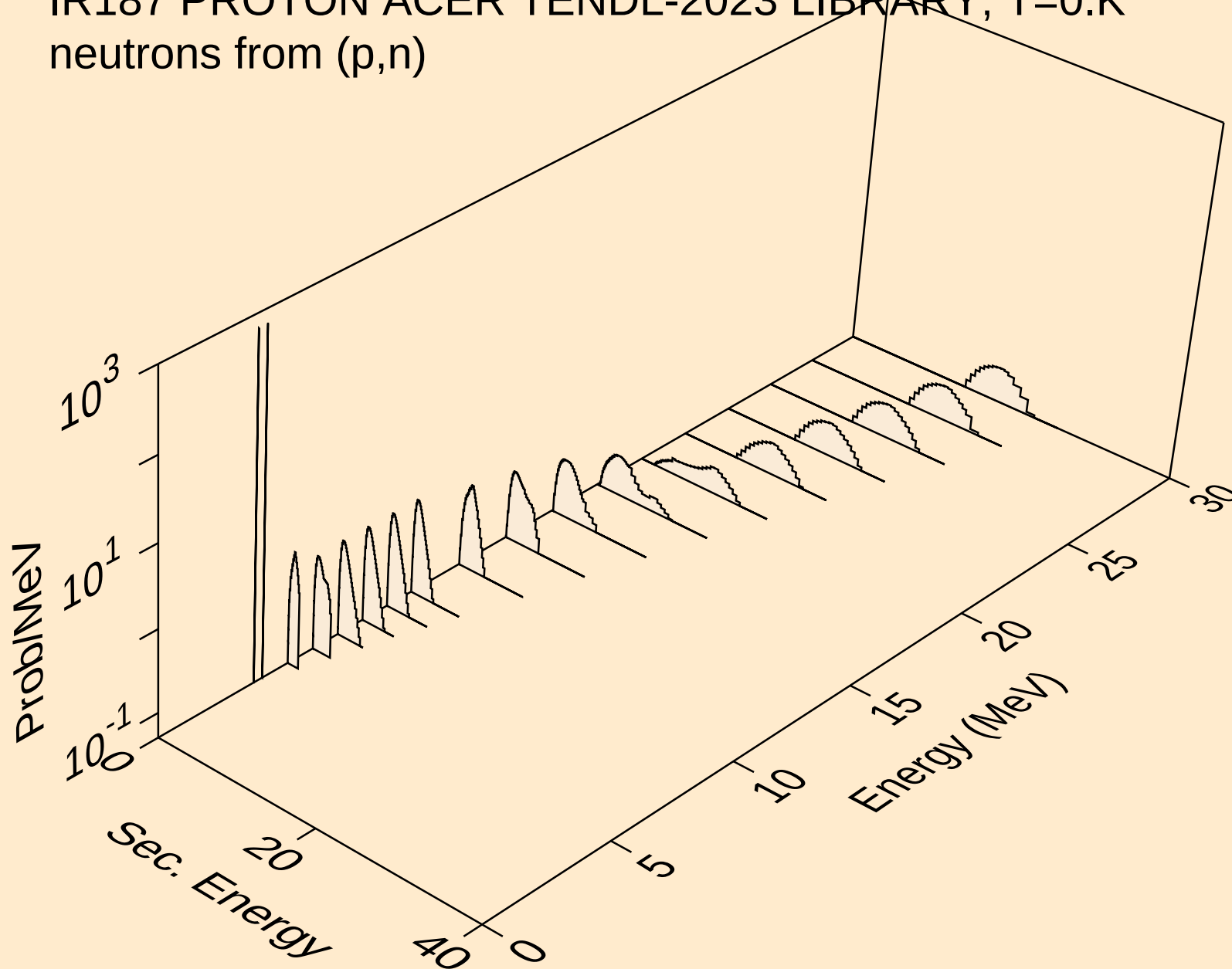


IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

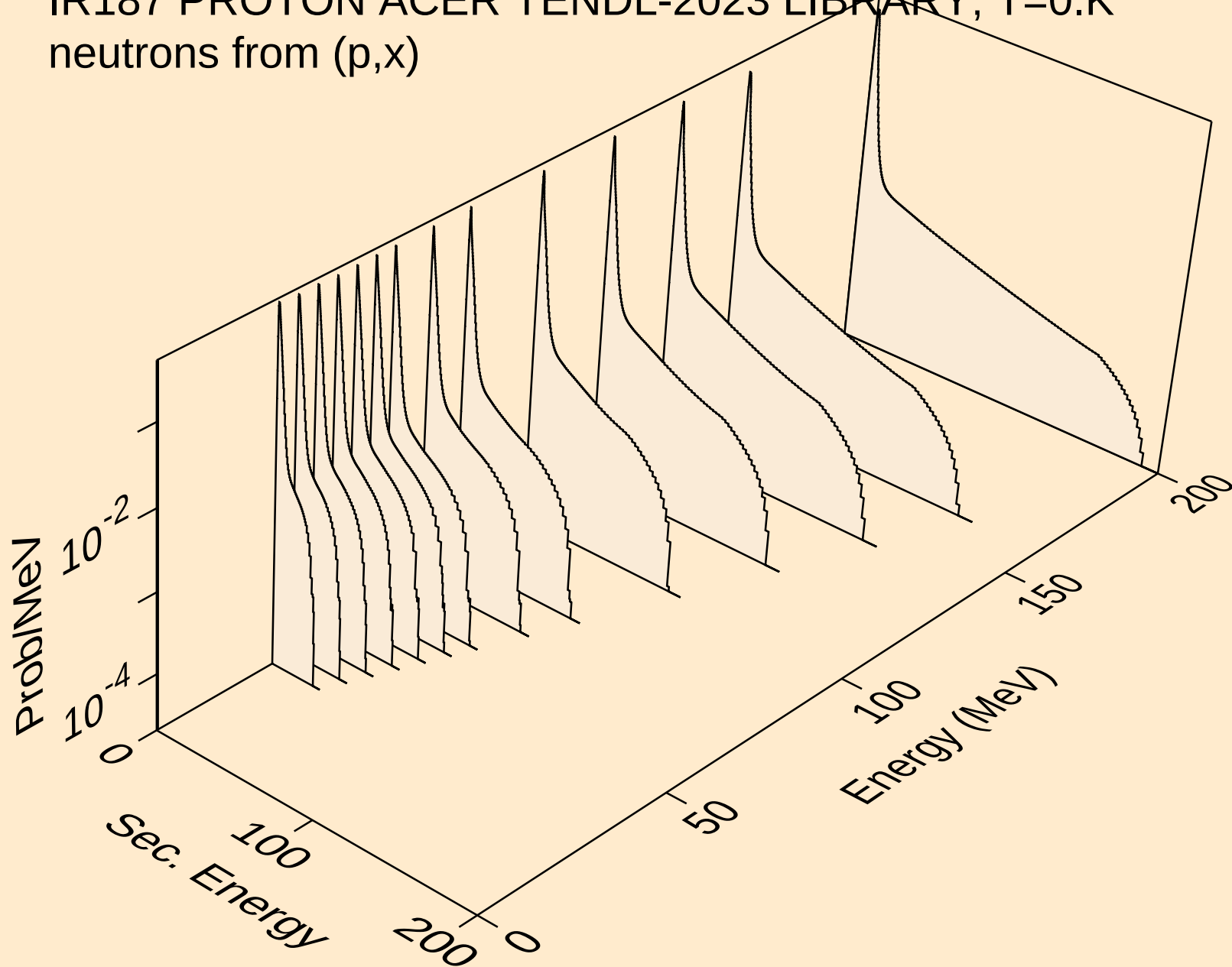
Particle production cross sections



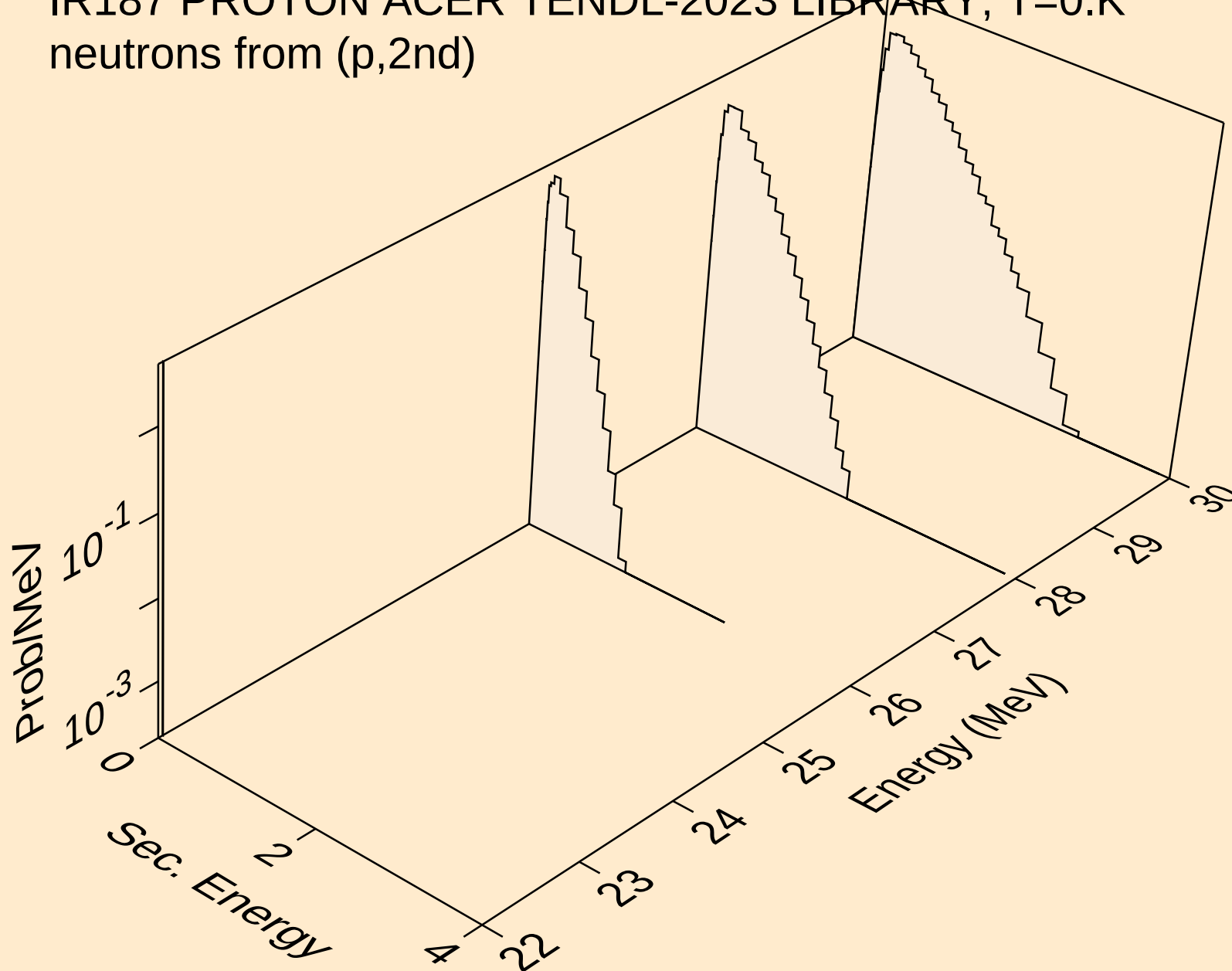
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



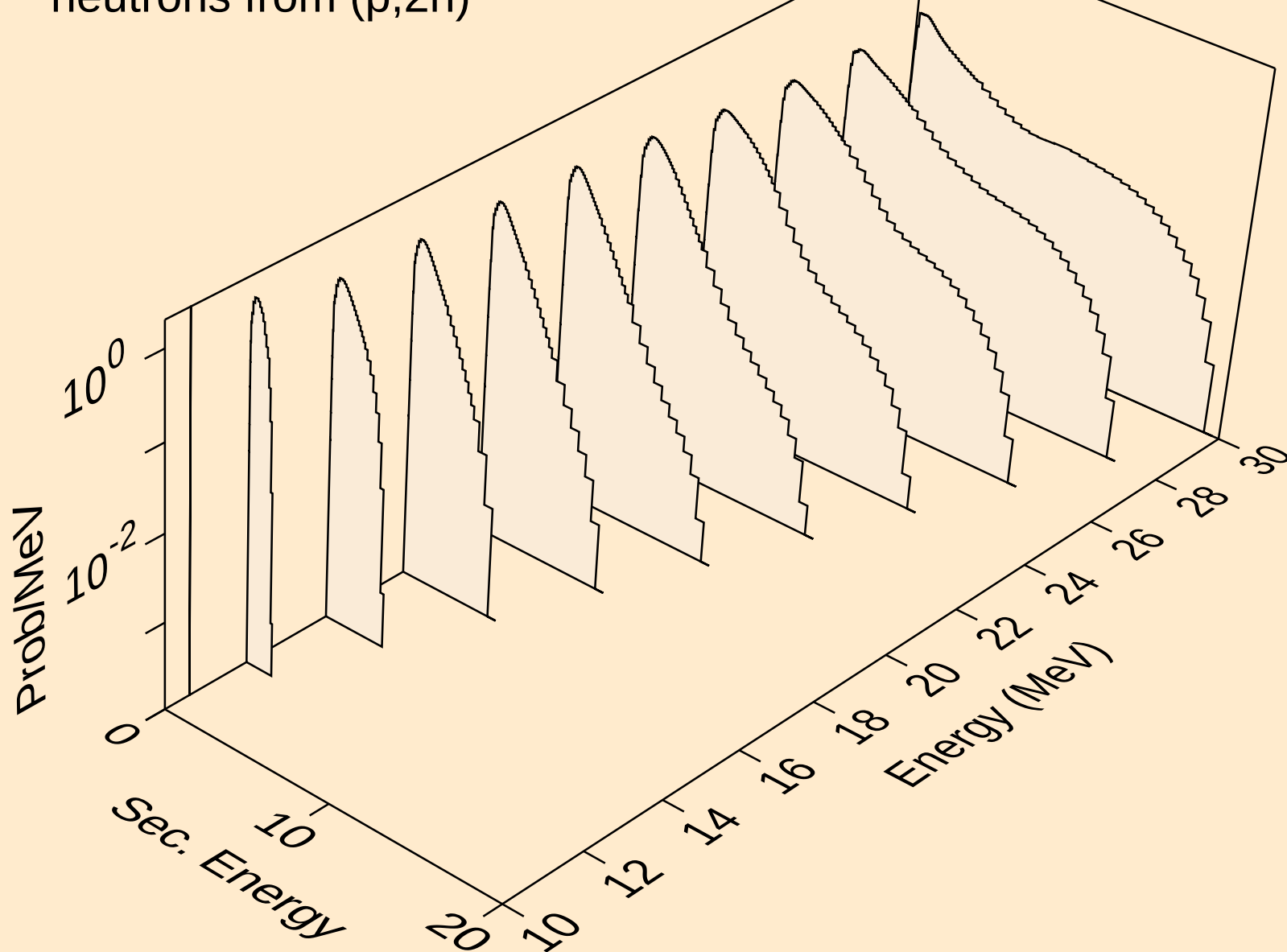
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



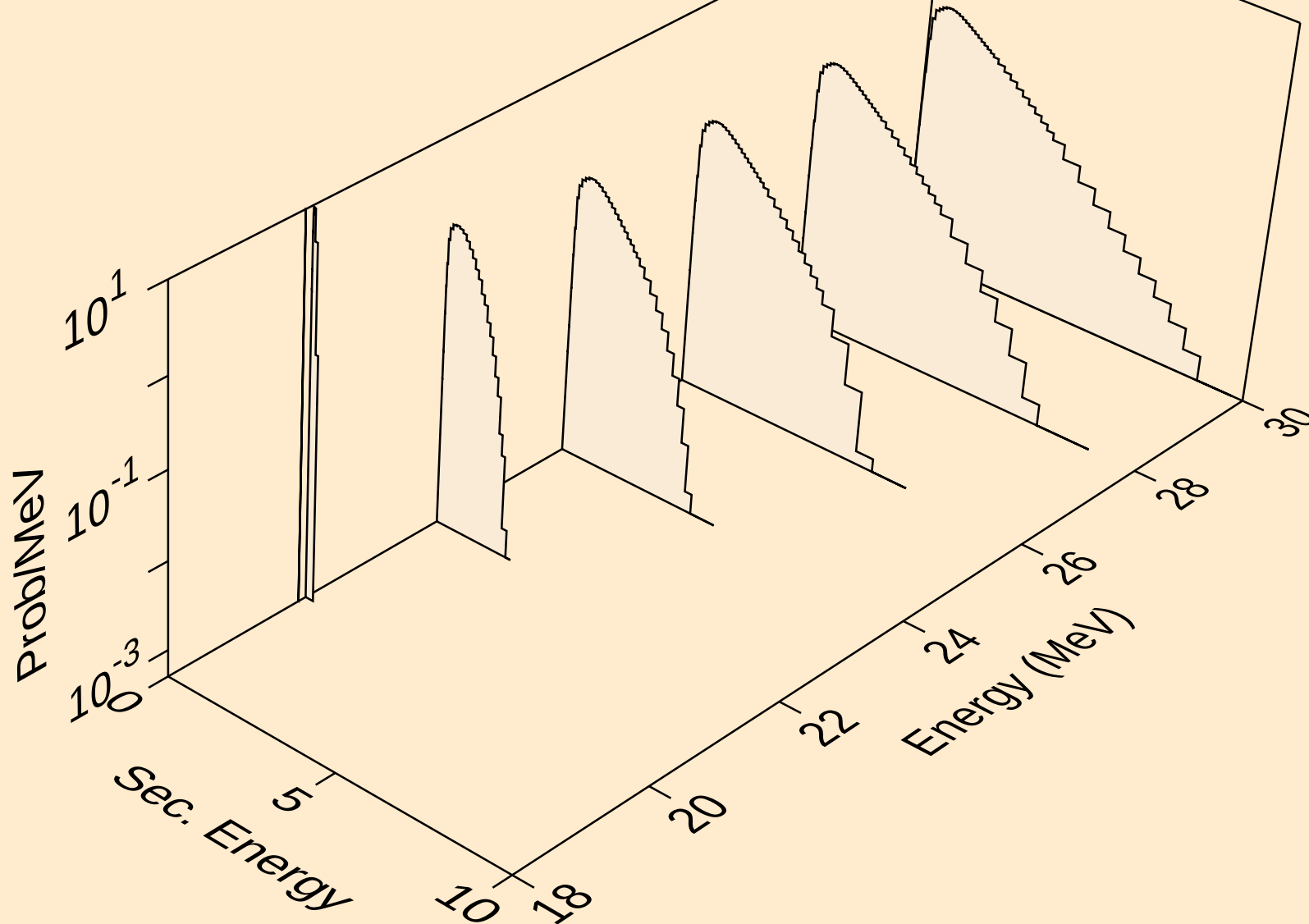
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2nd)



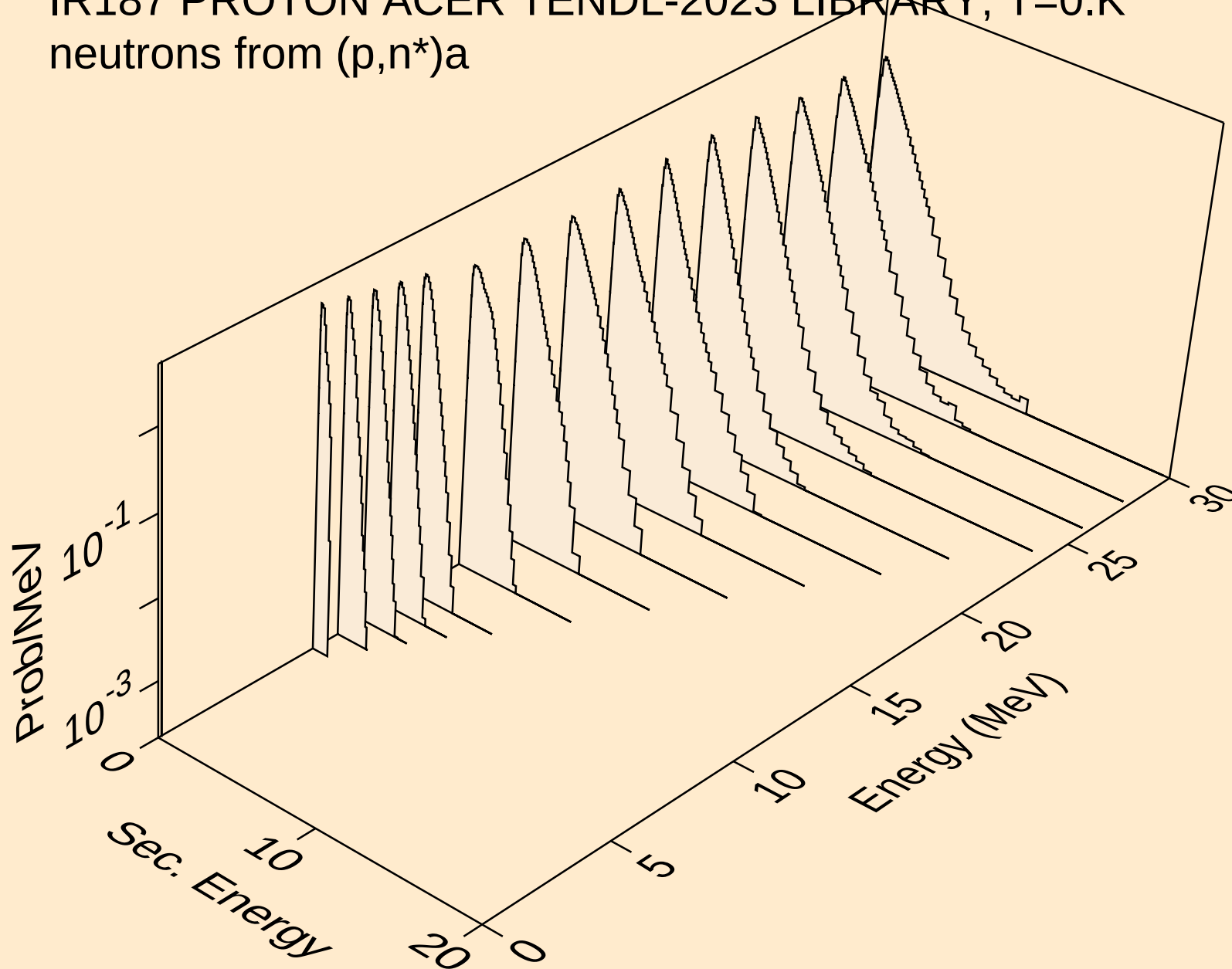
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



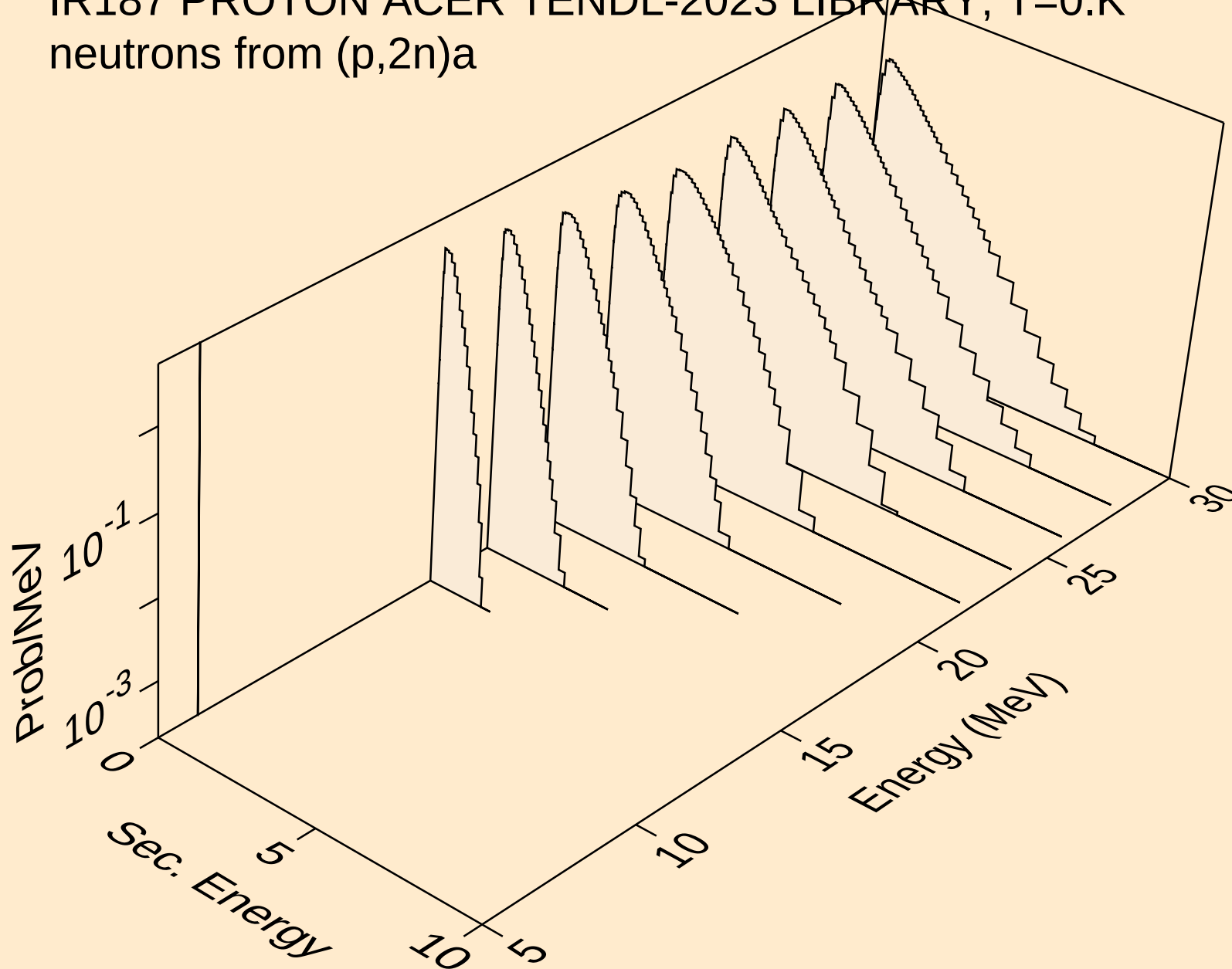
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



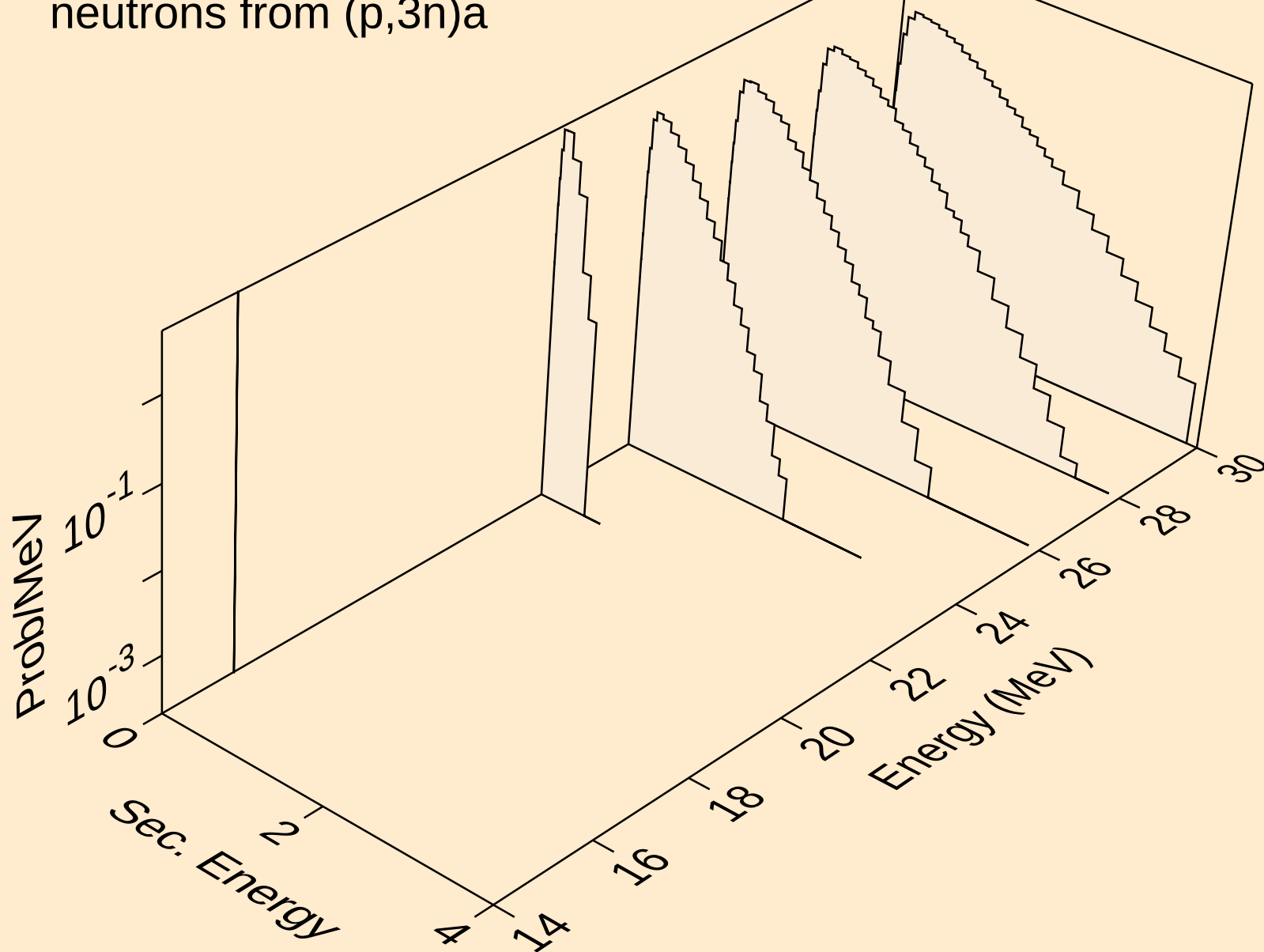
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)a



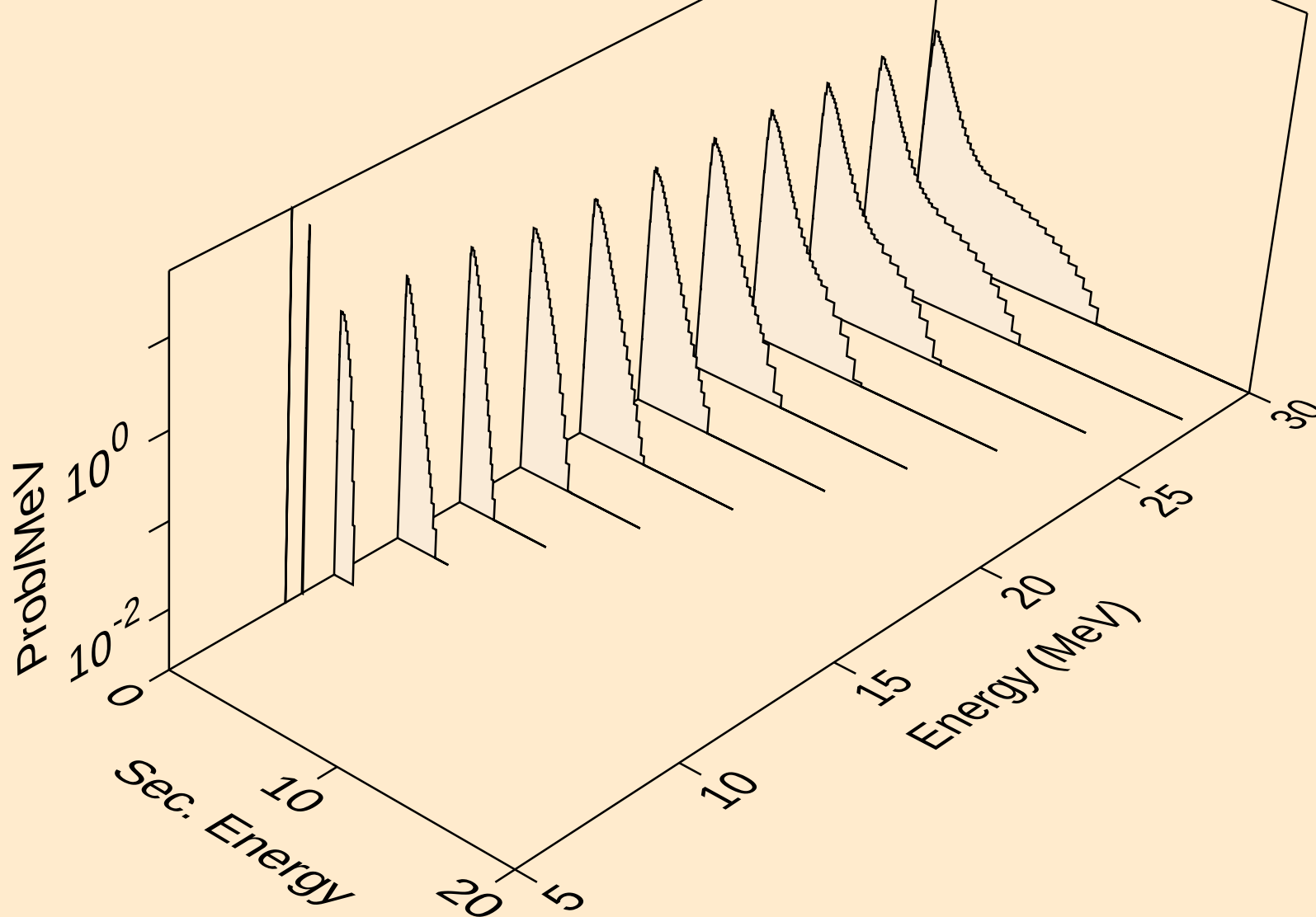
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



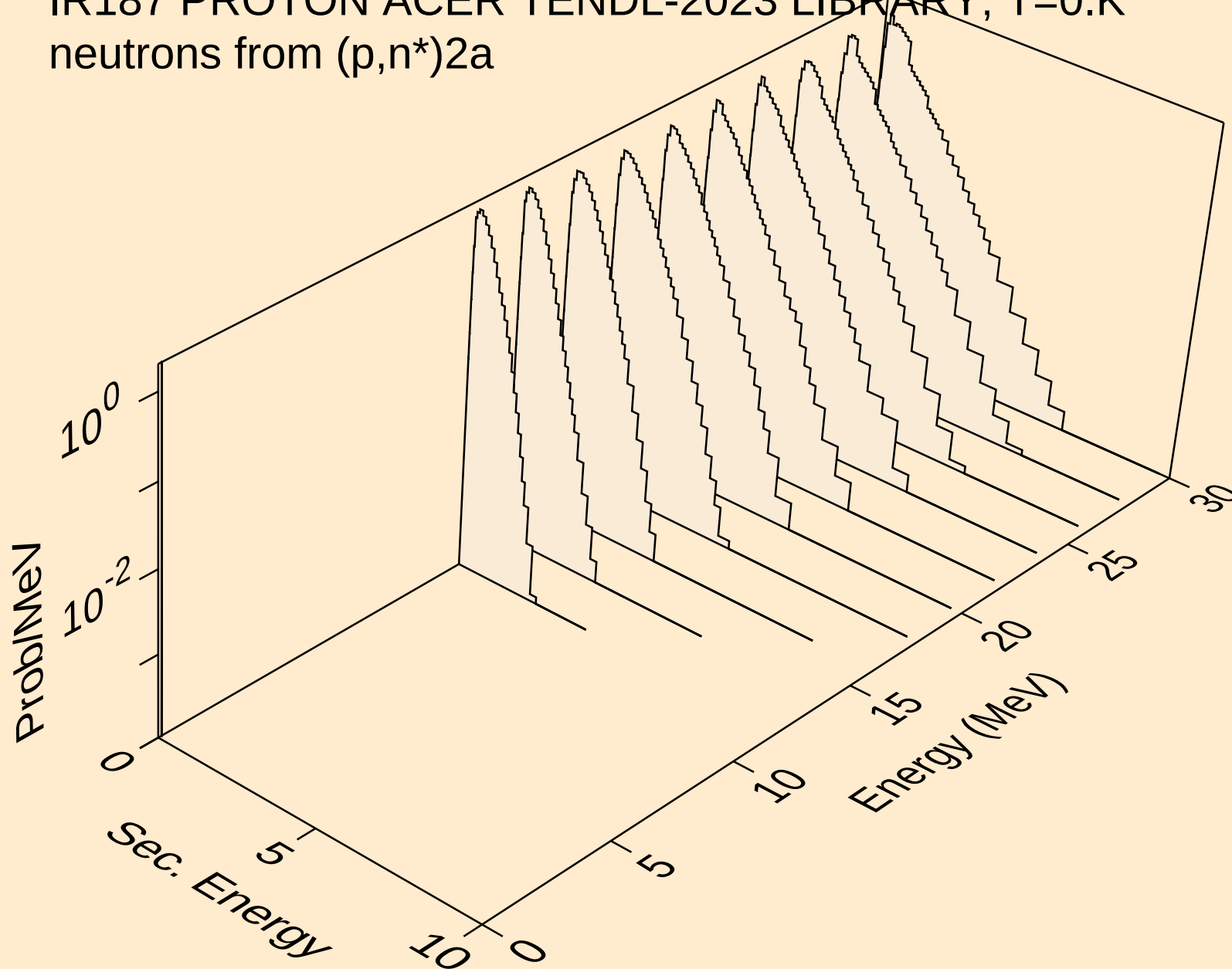
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)a



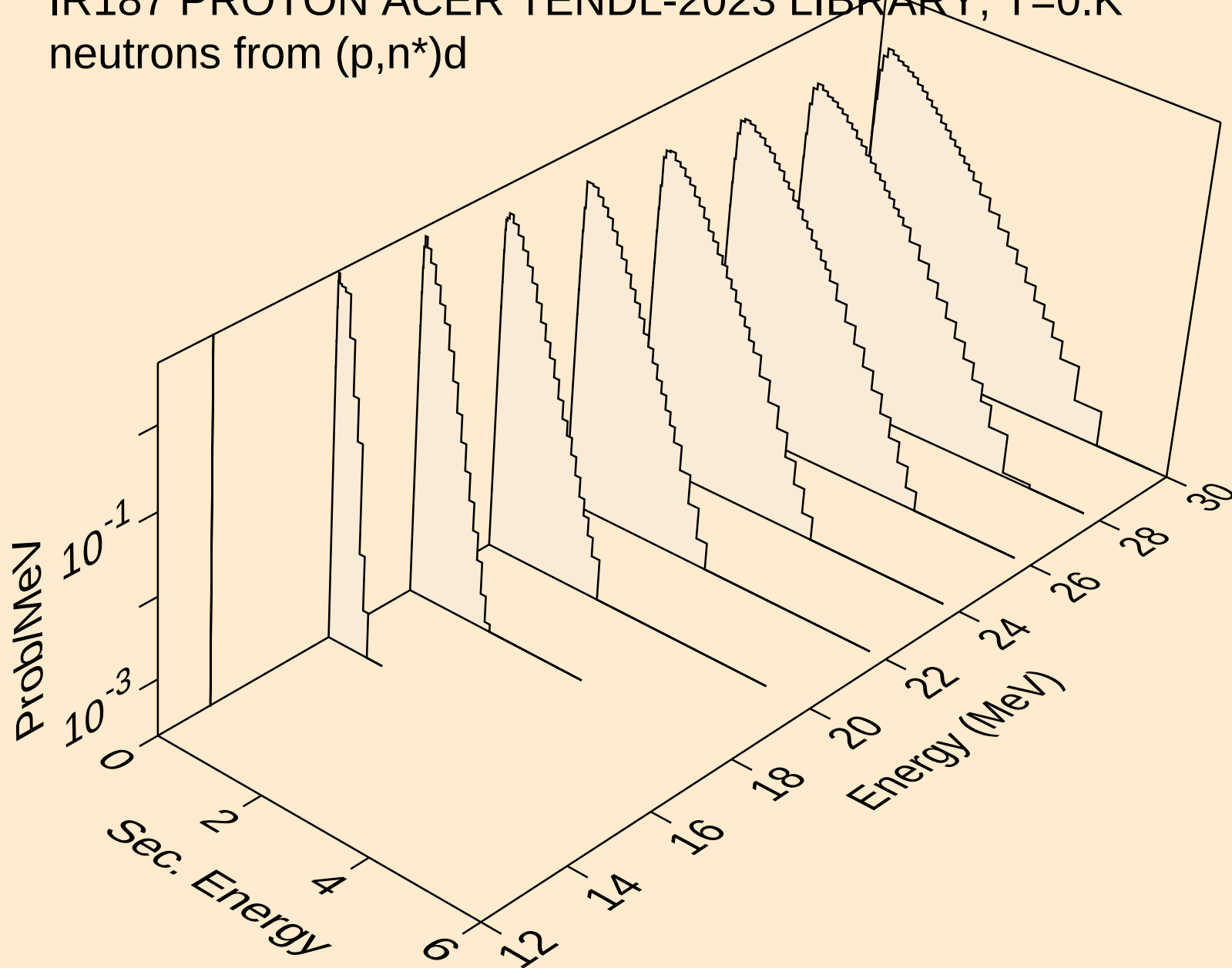
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)p



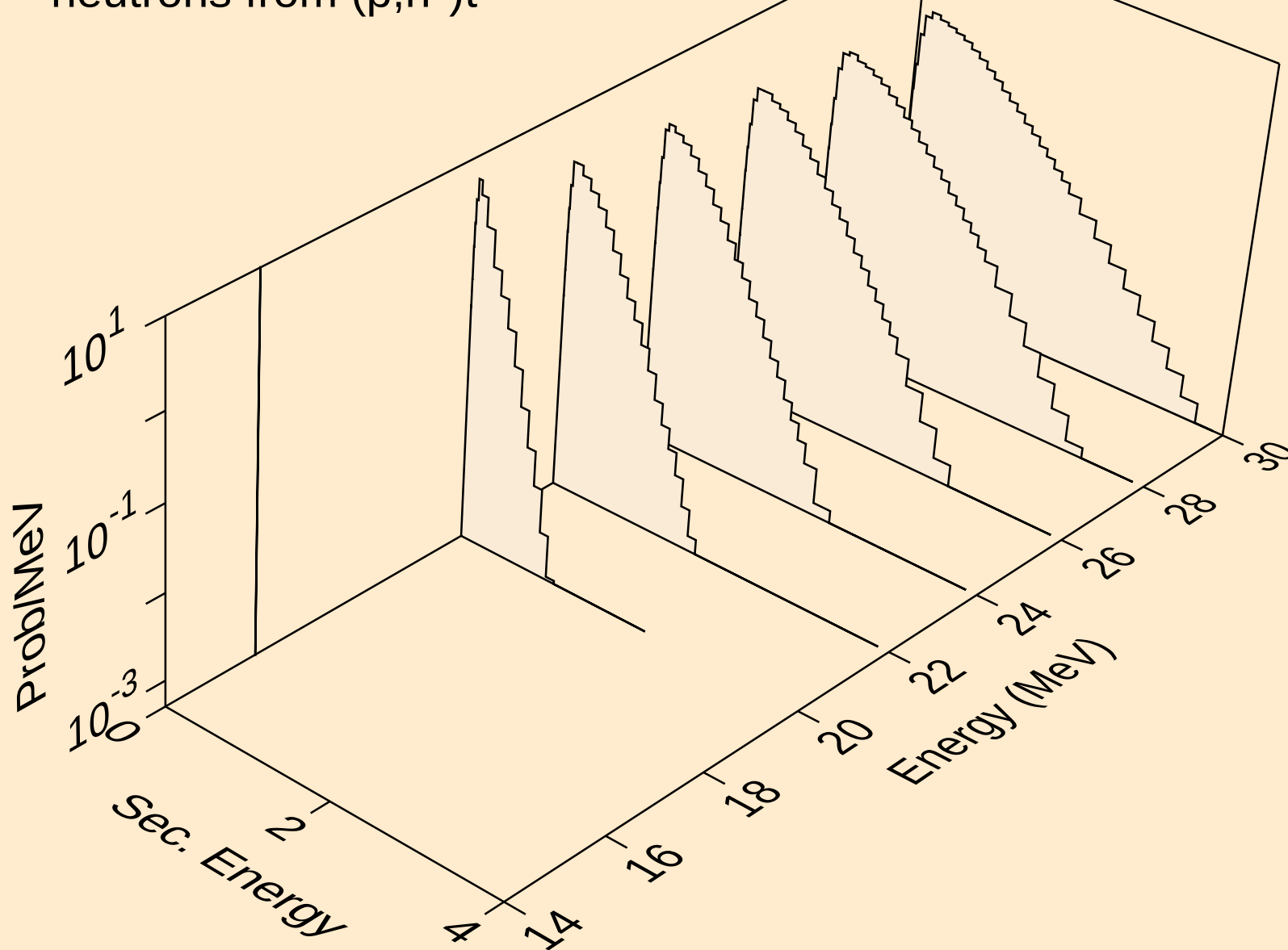
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)2a



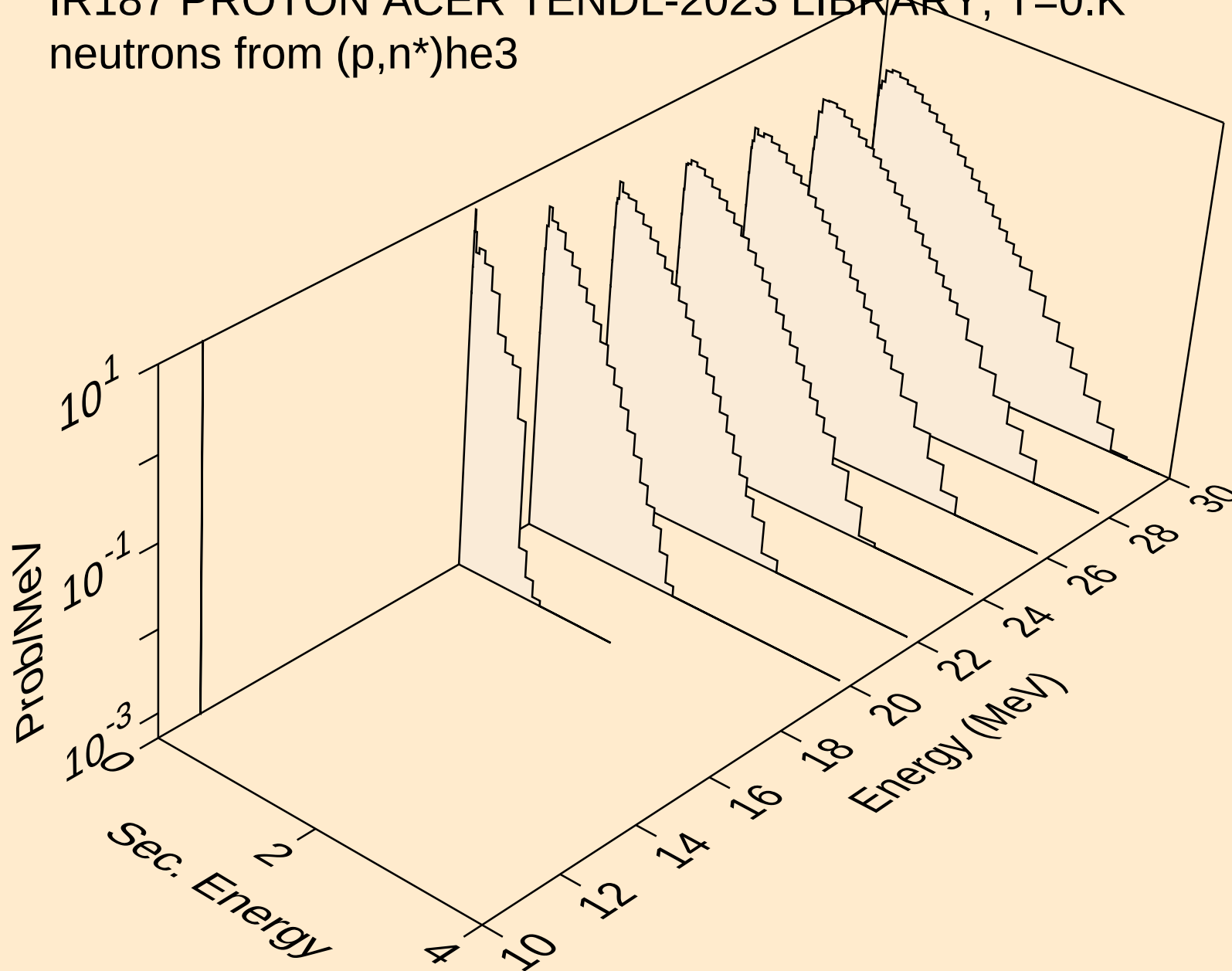
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)d



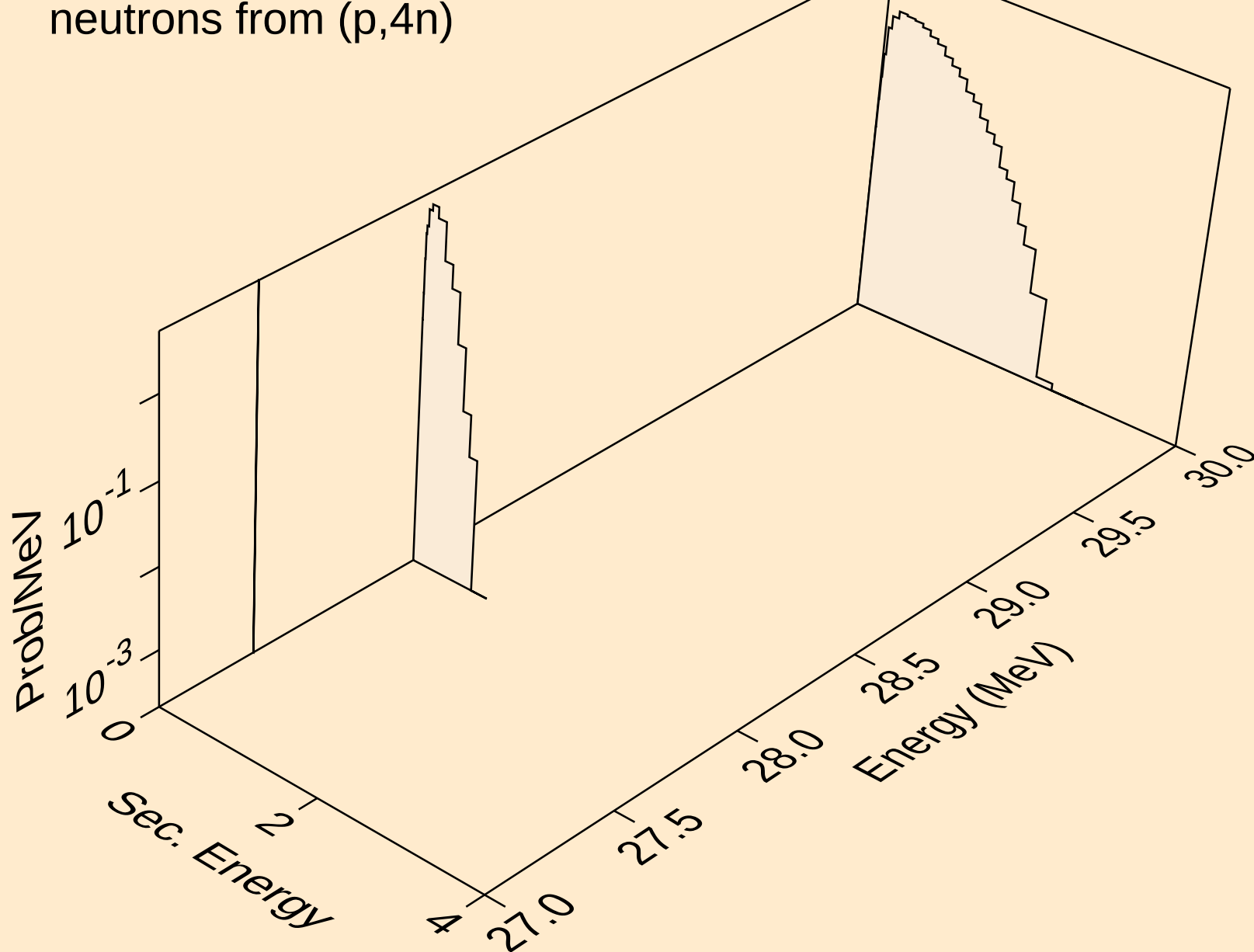
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t



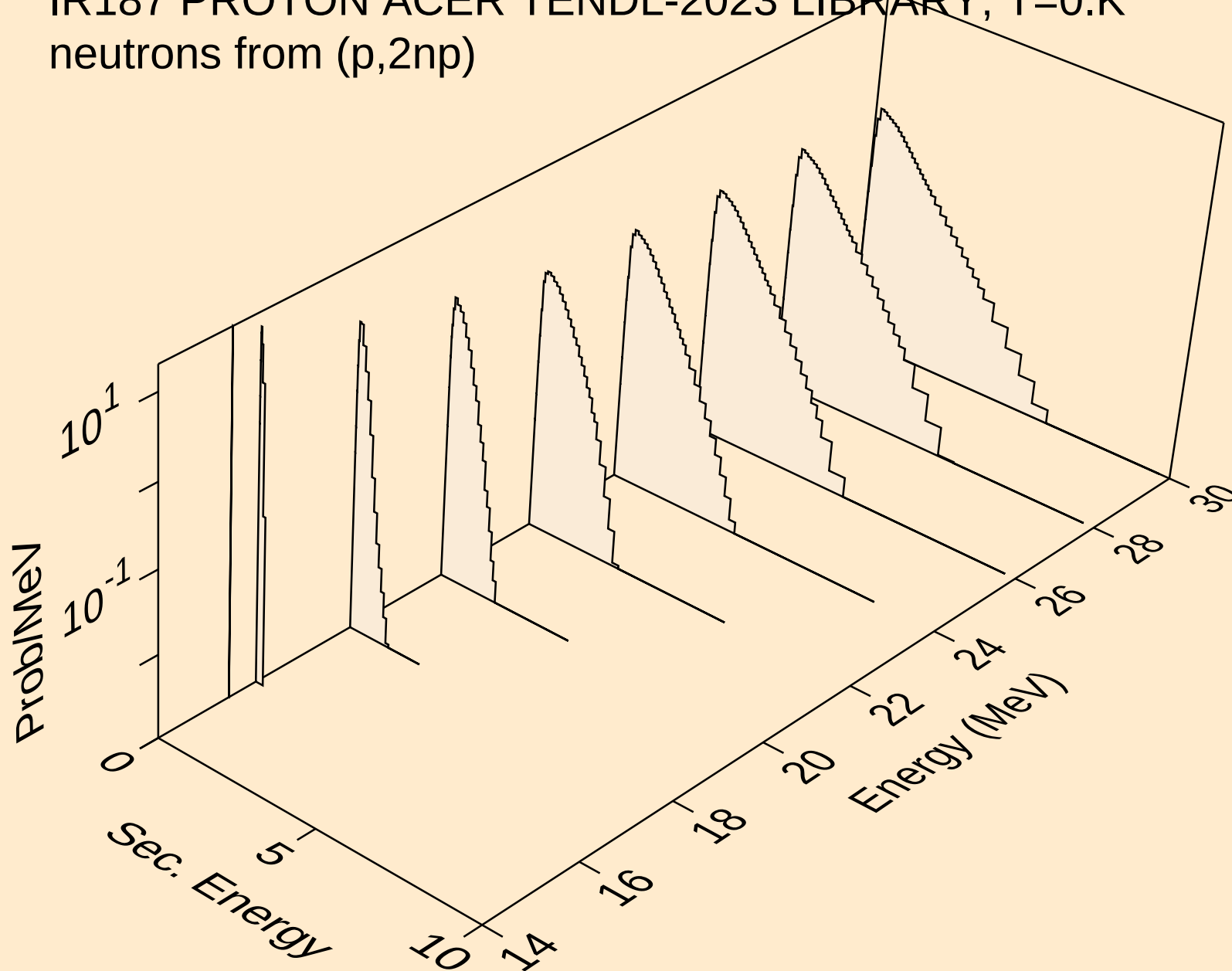
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



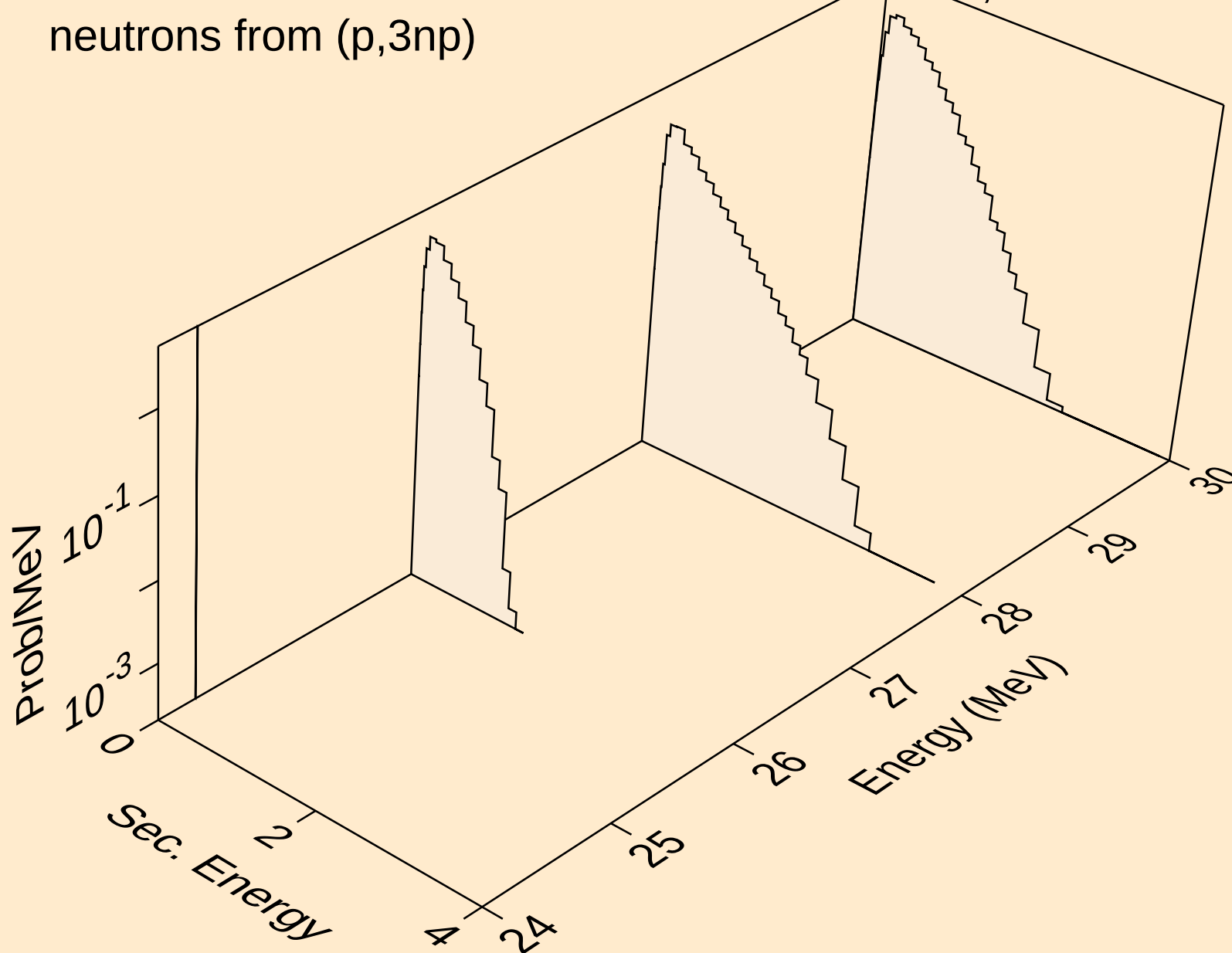
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,4n)



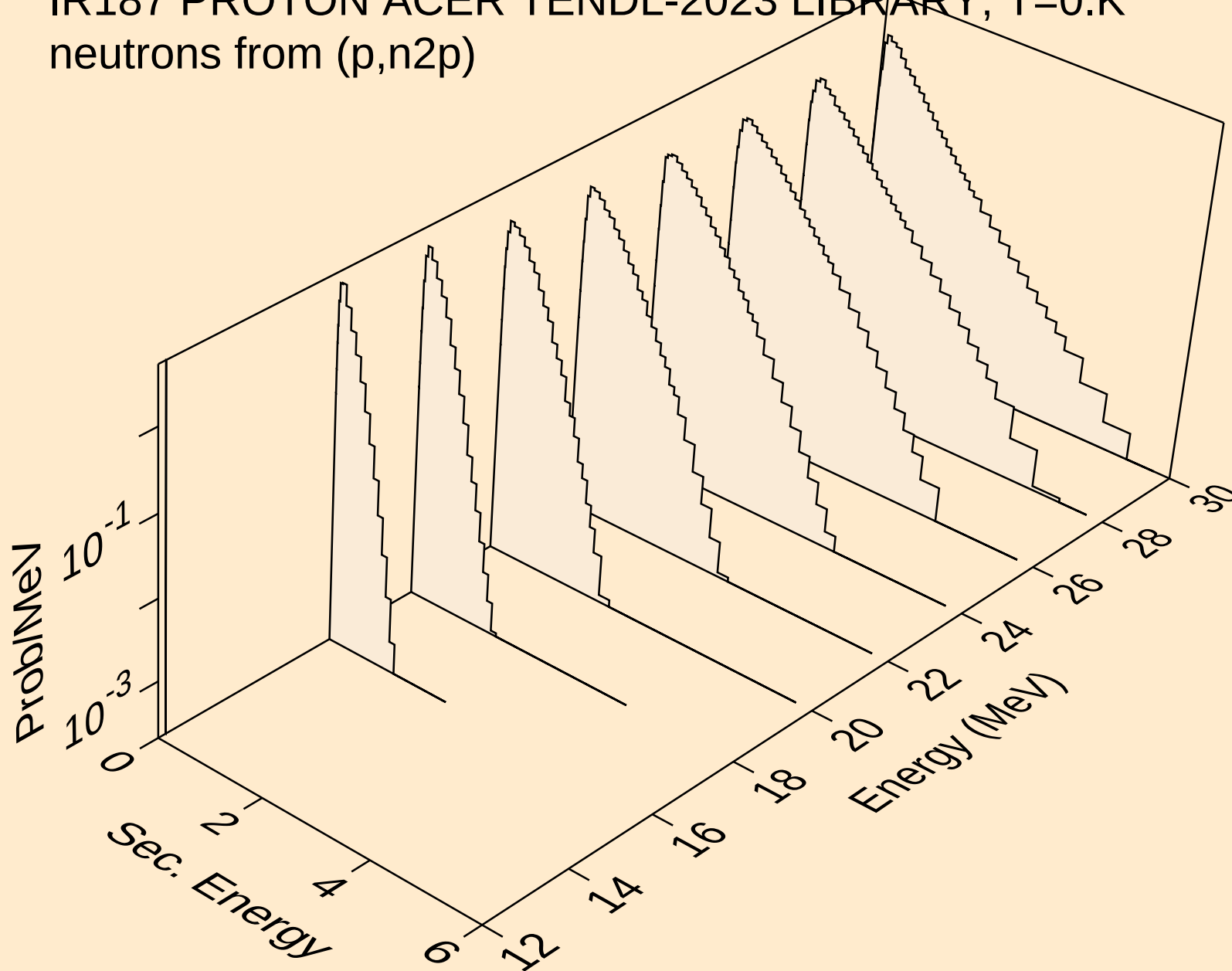
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2np)



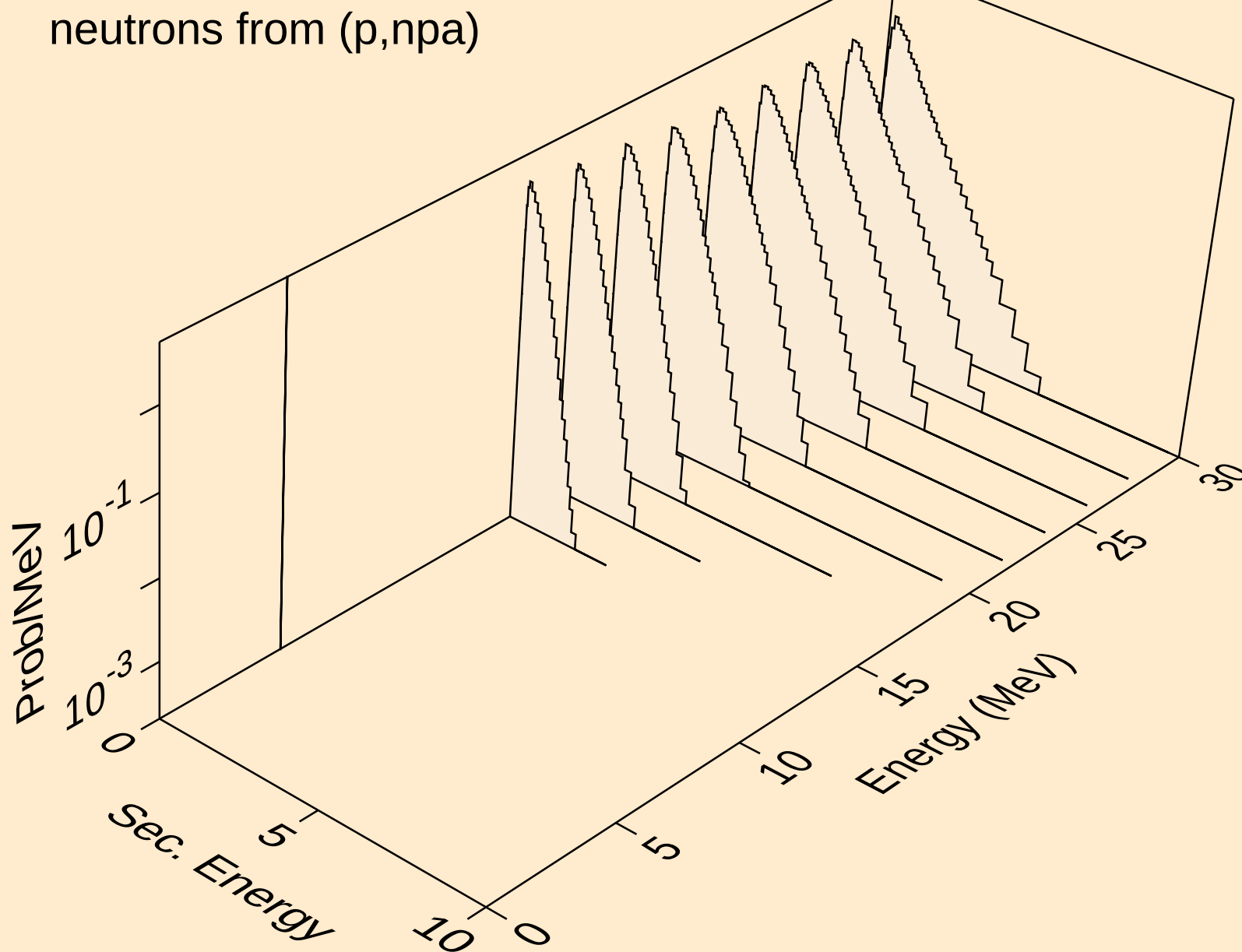
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3np)



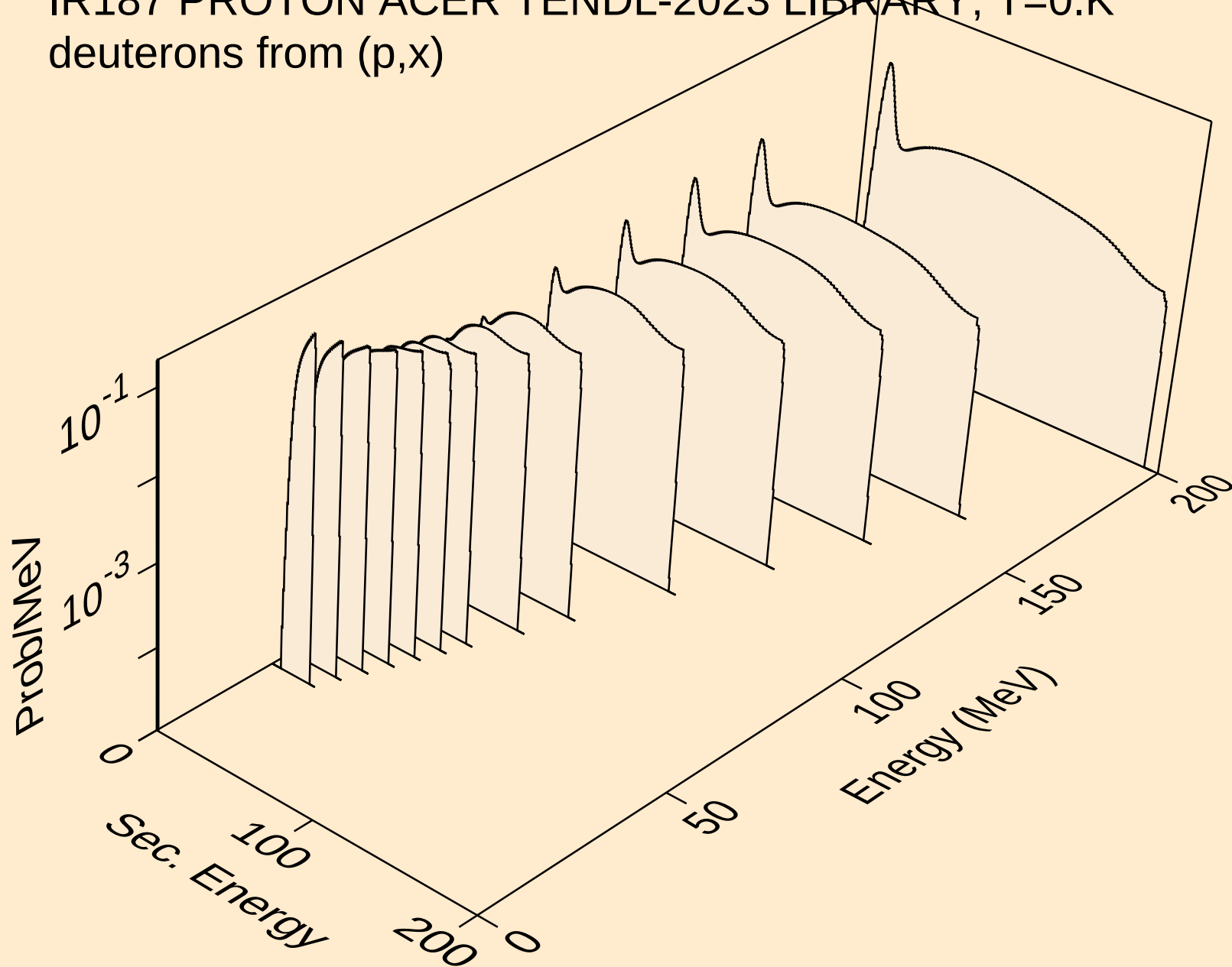
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n2p)



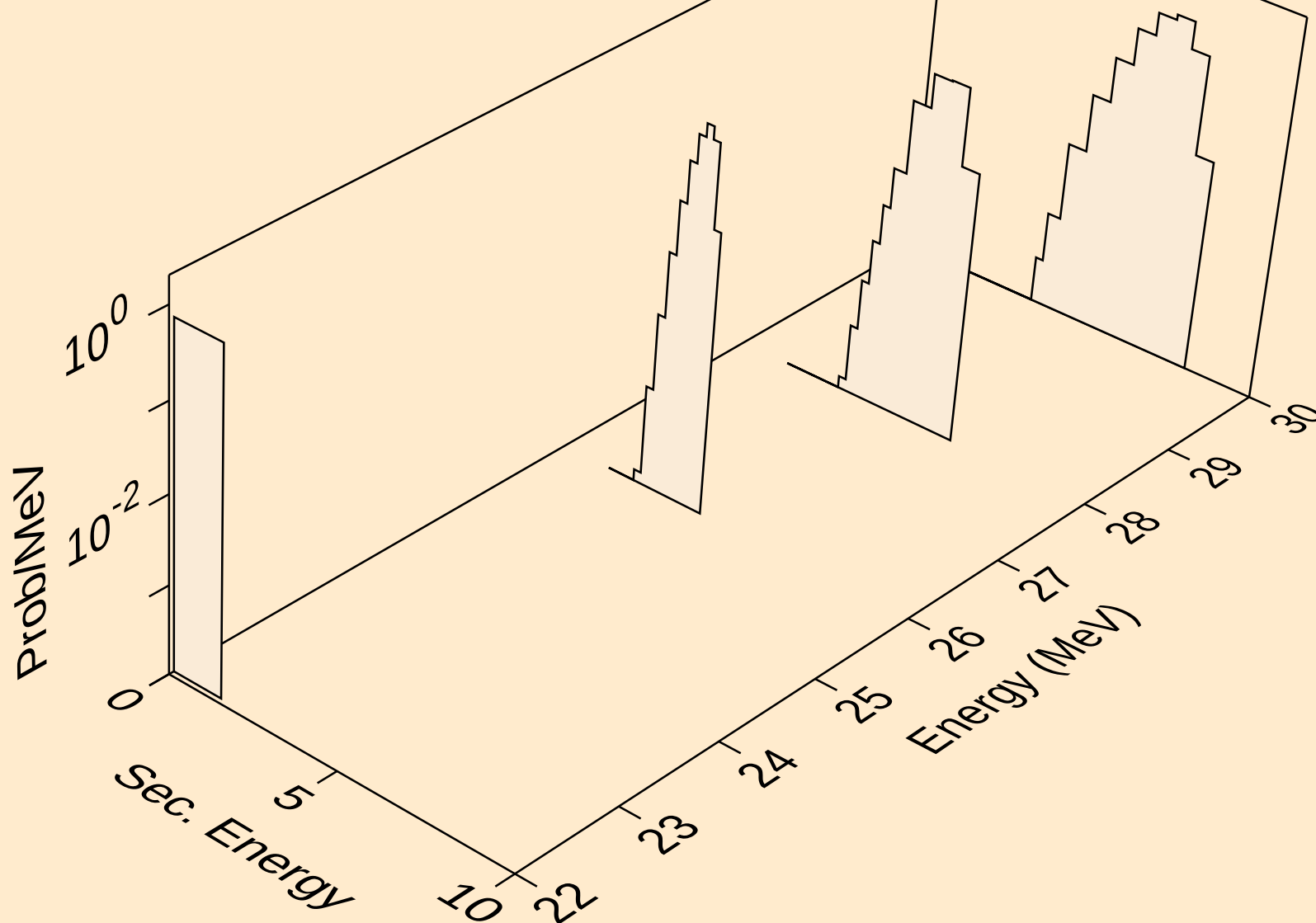
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,npa)



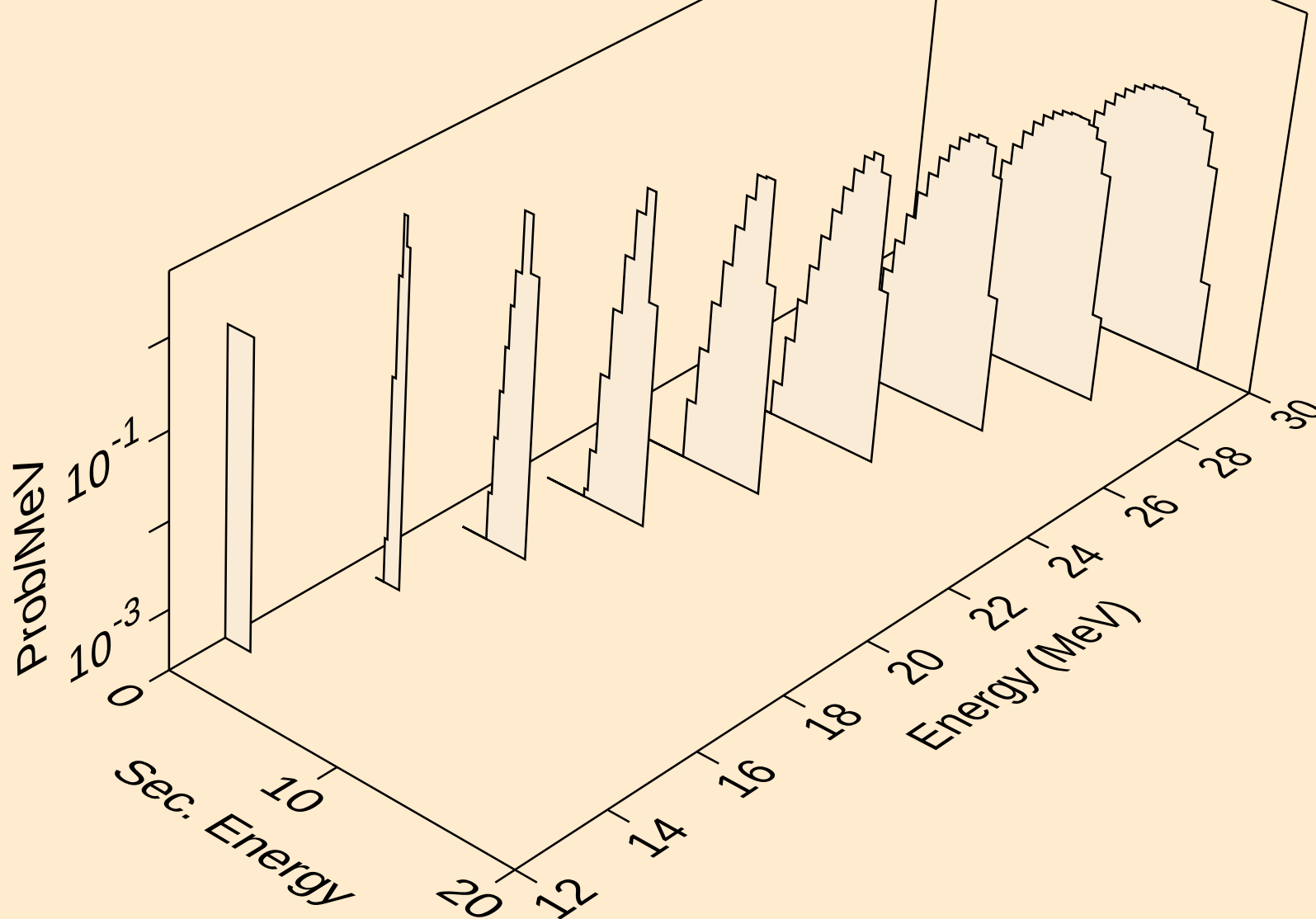
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



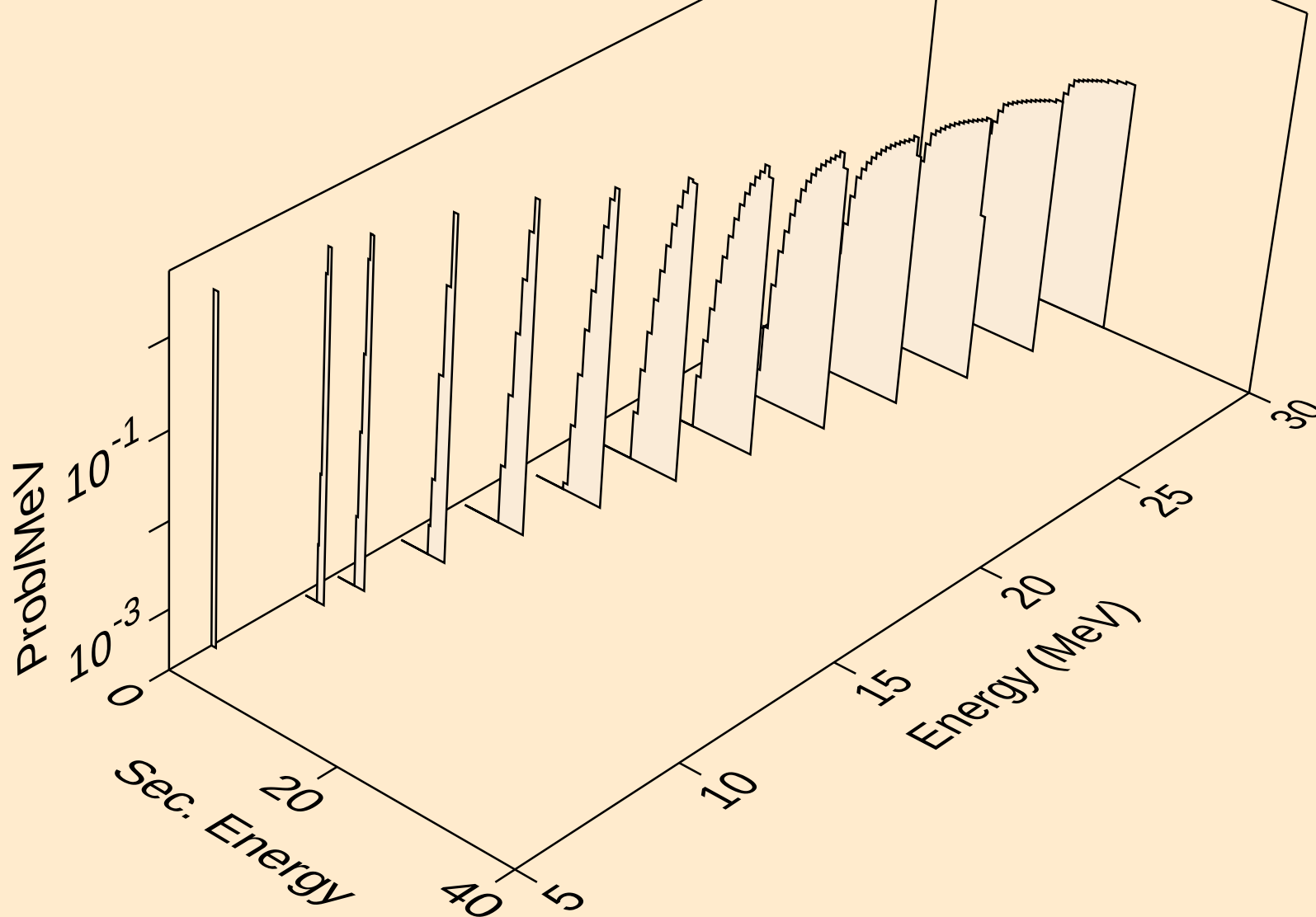
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,2nd)



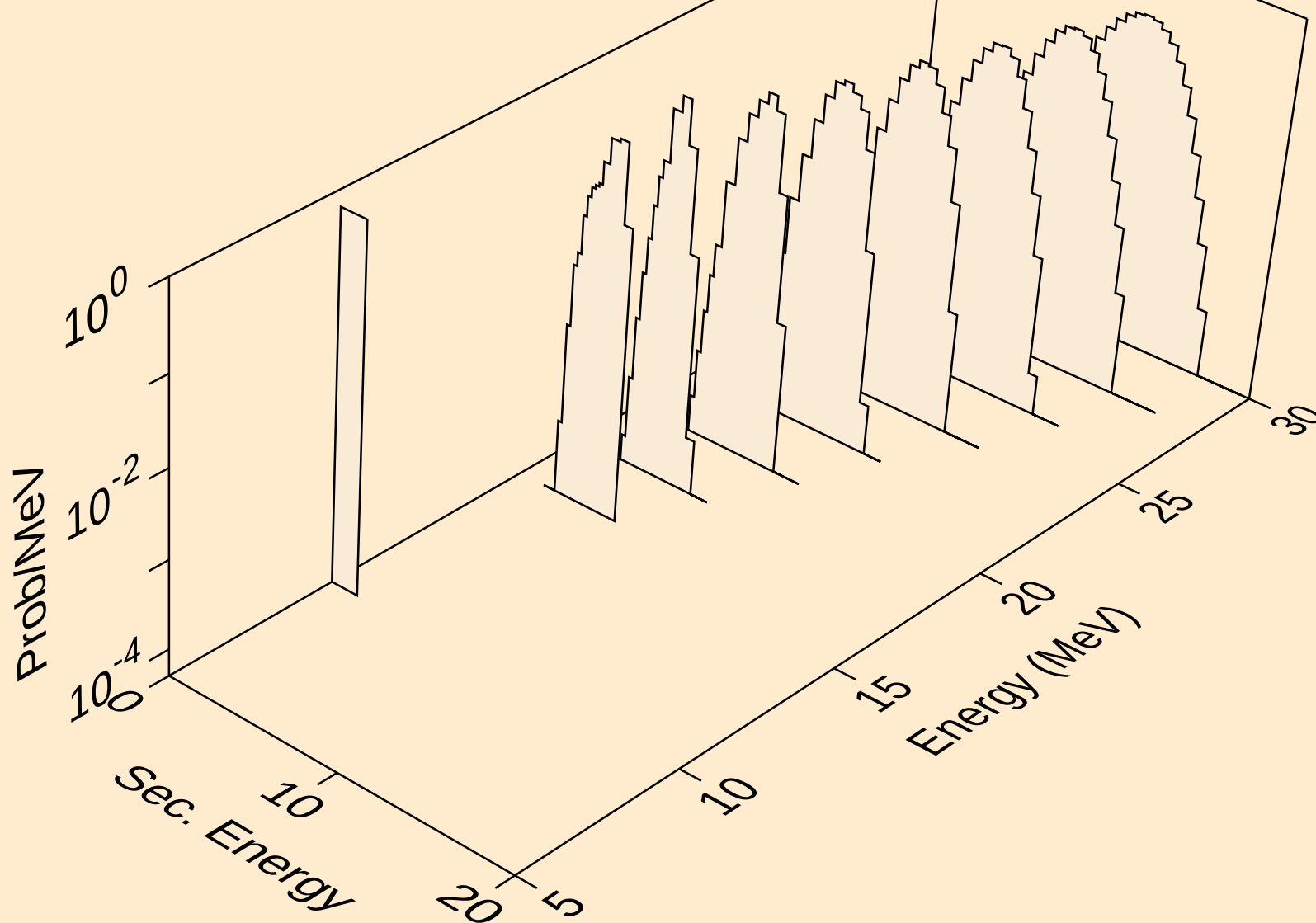
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,n*)d



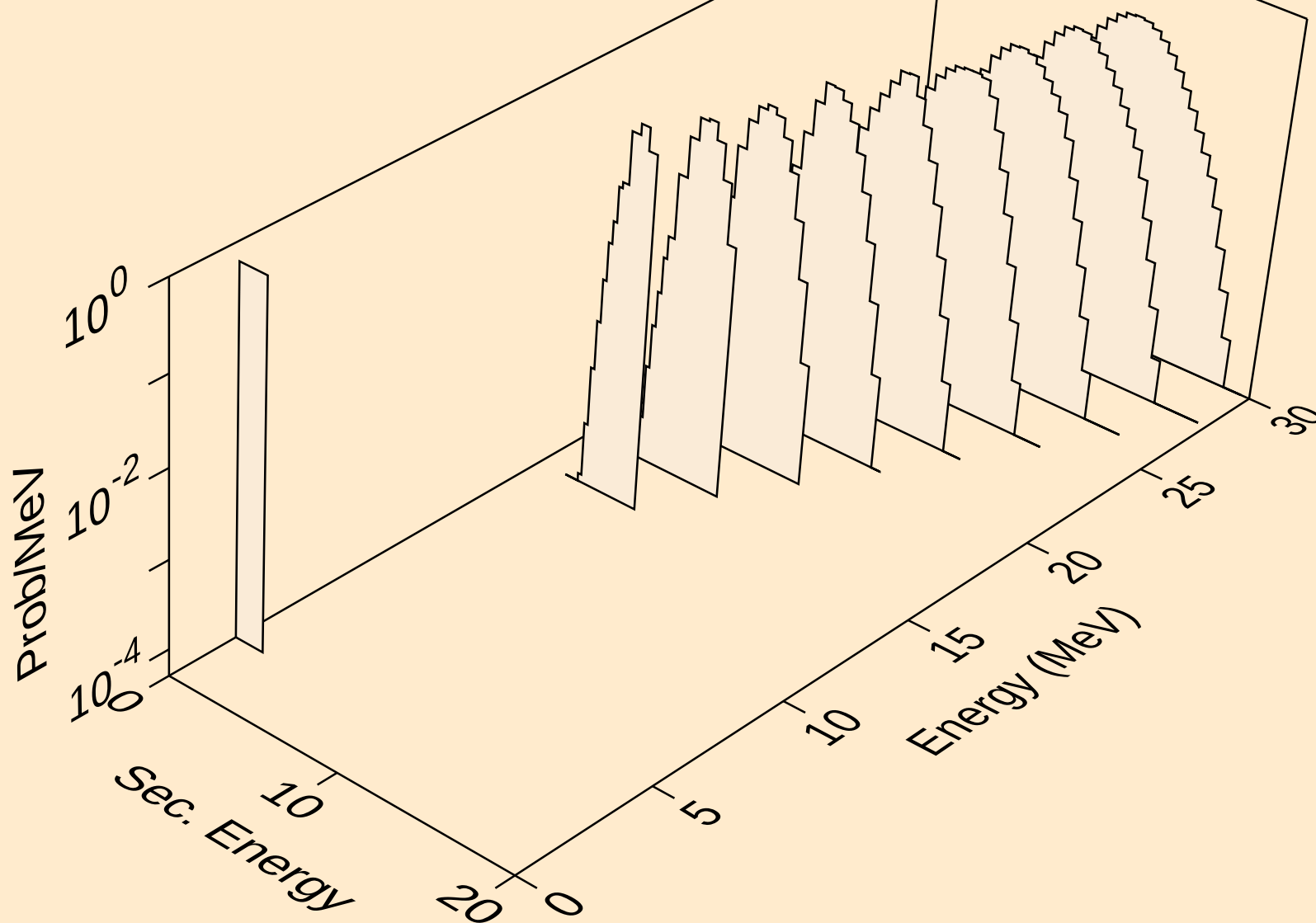
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,d)



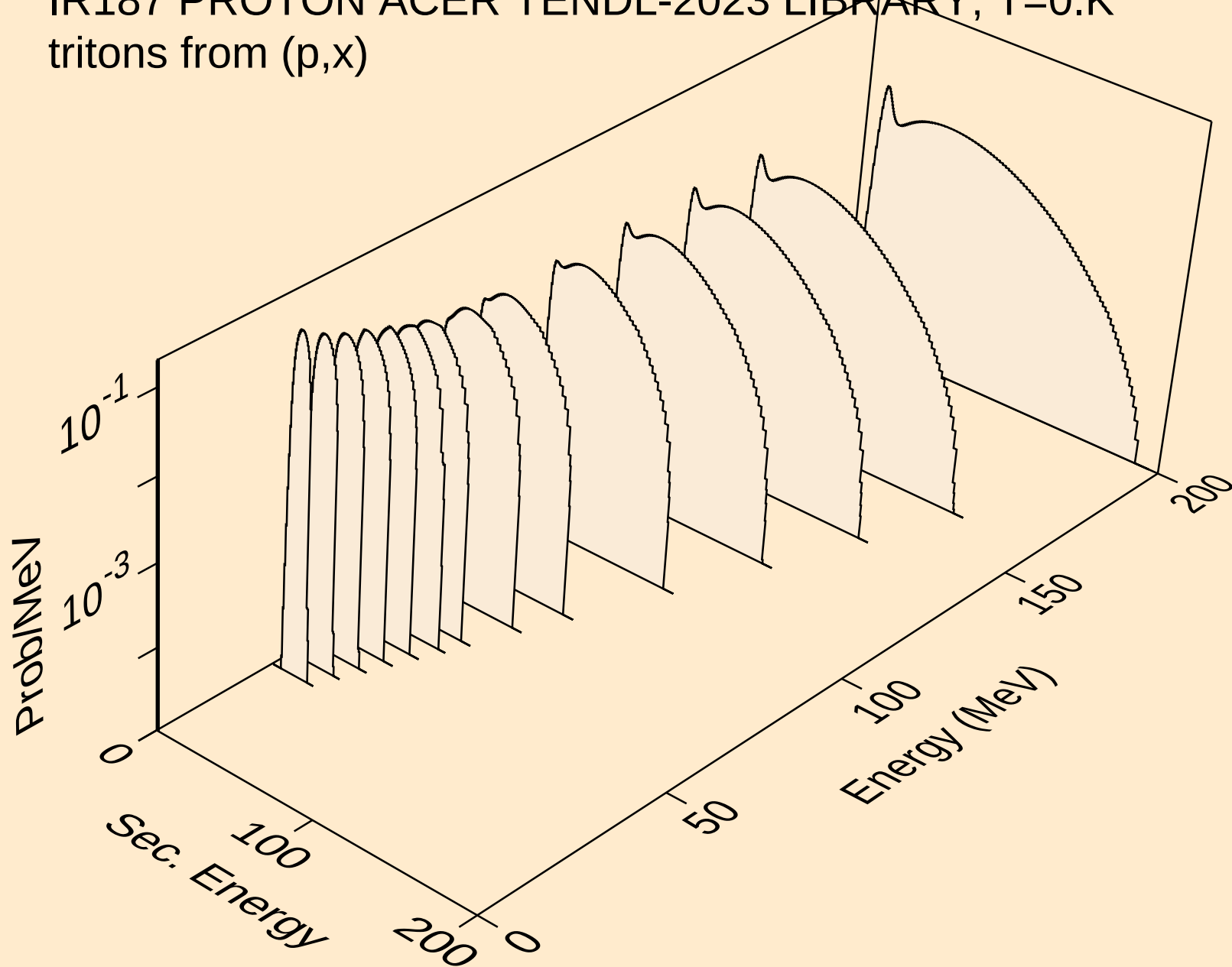
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,pd)



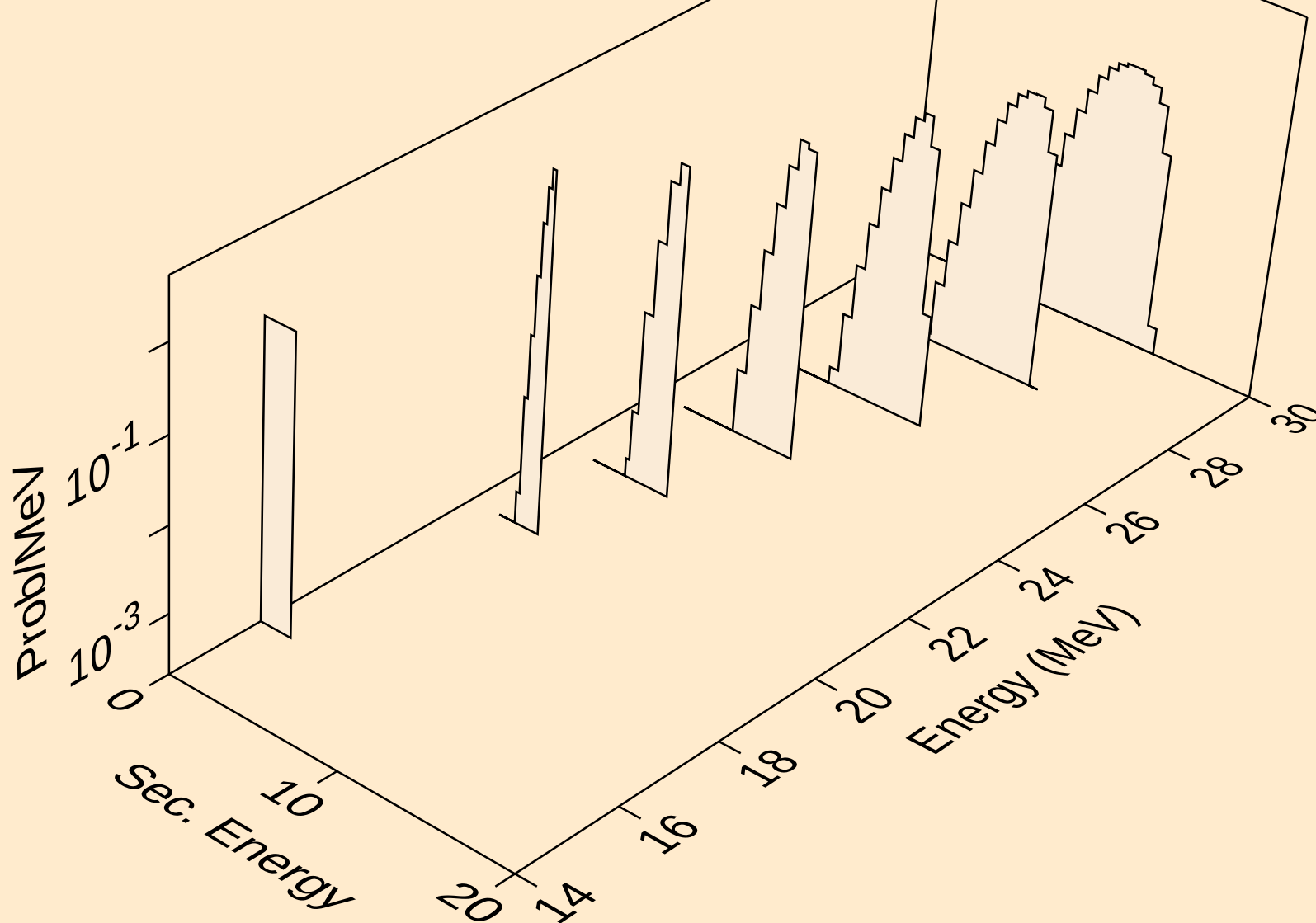
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,da)



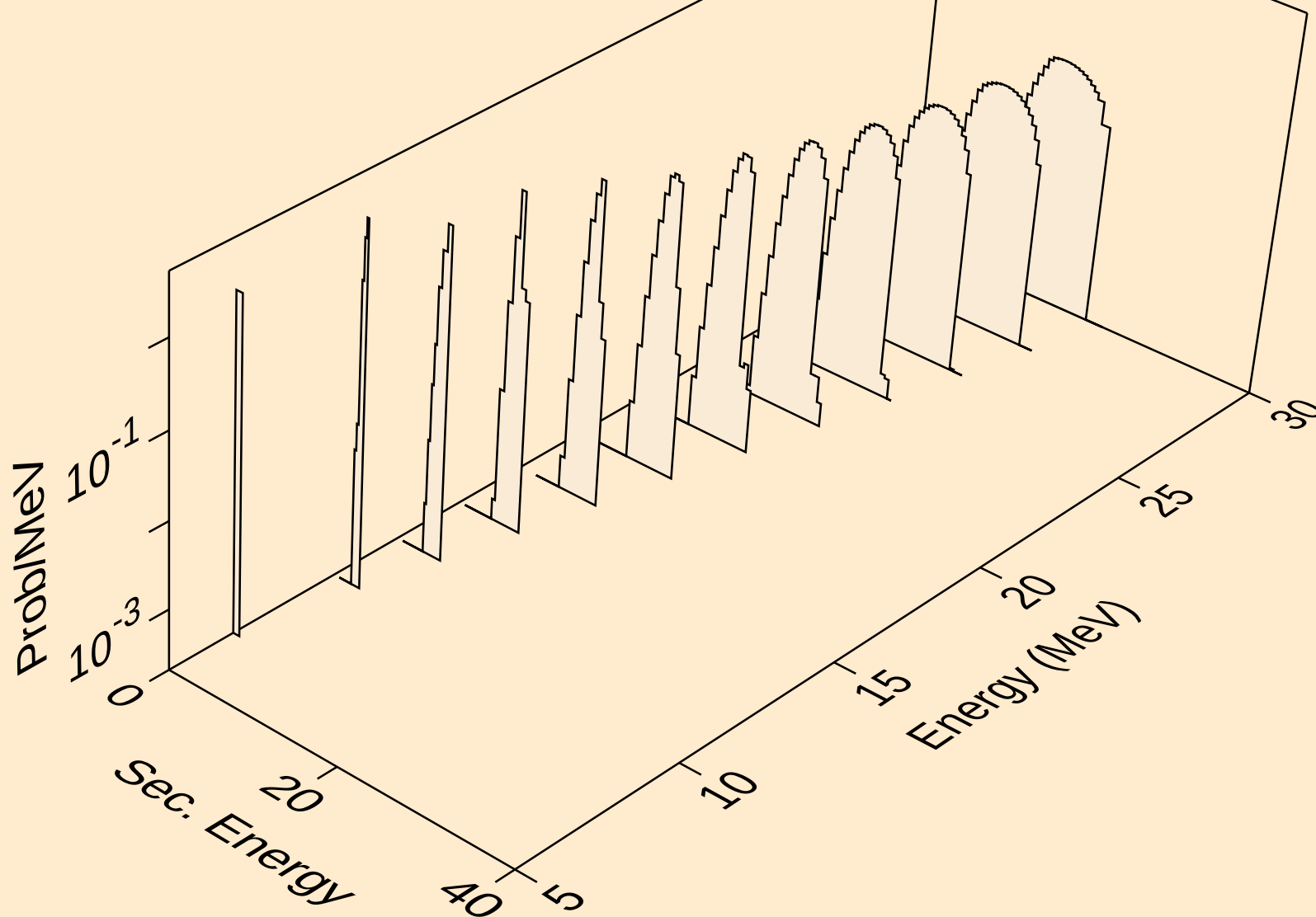
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



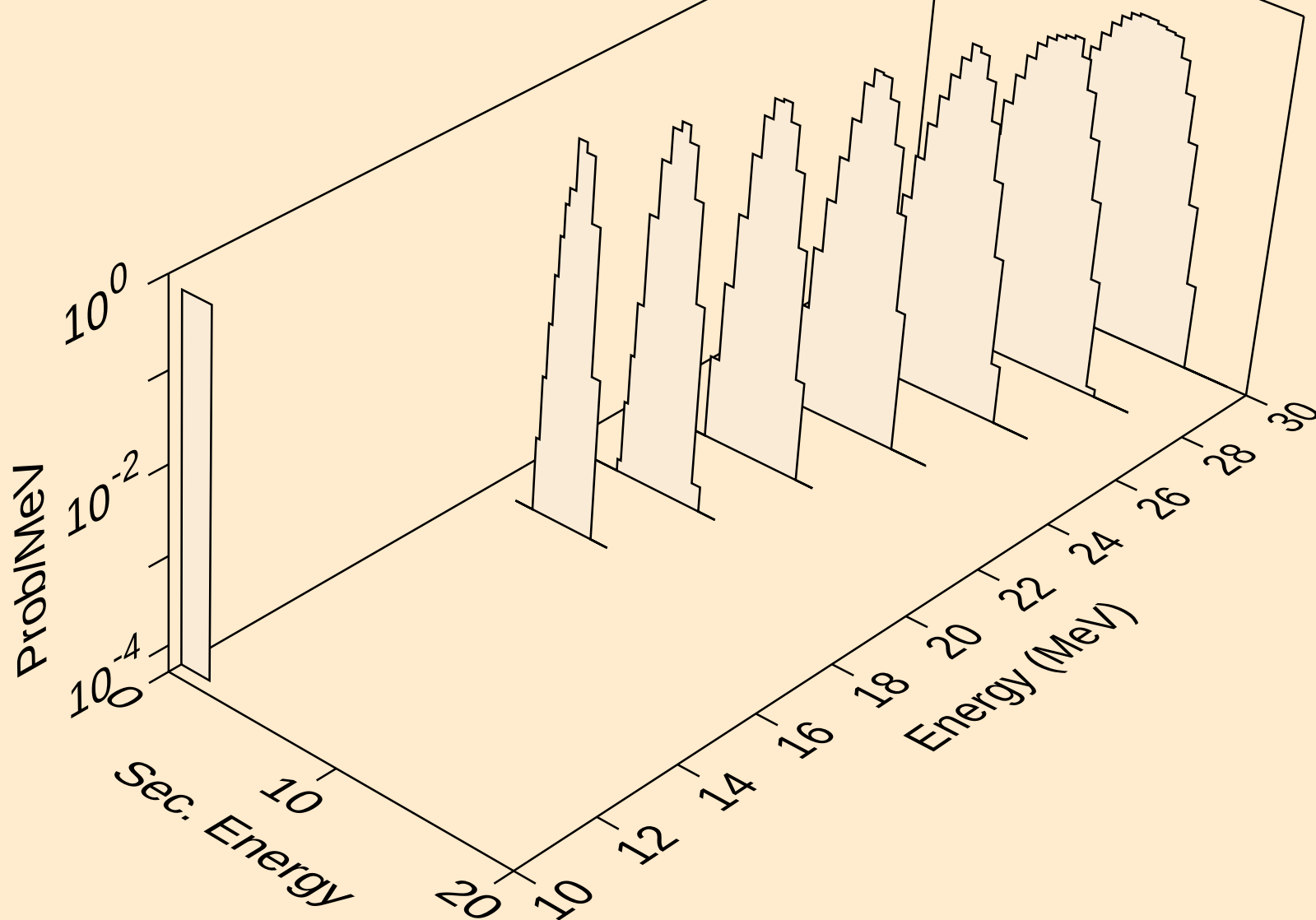
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t



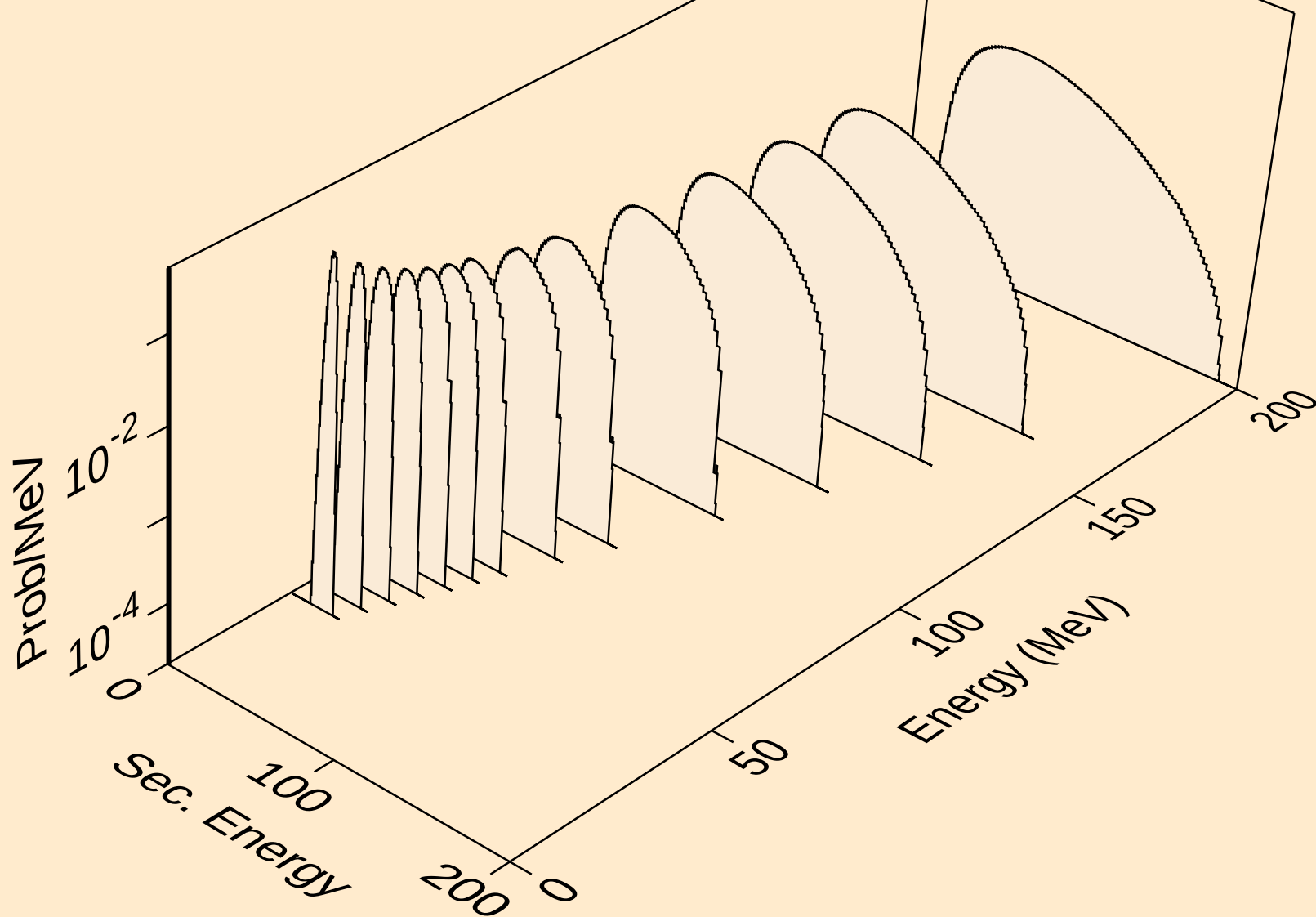
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



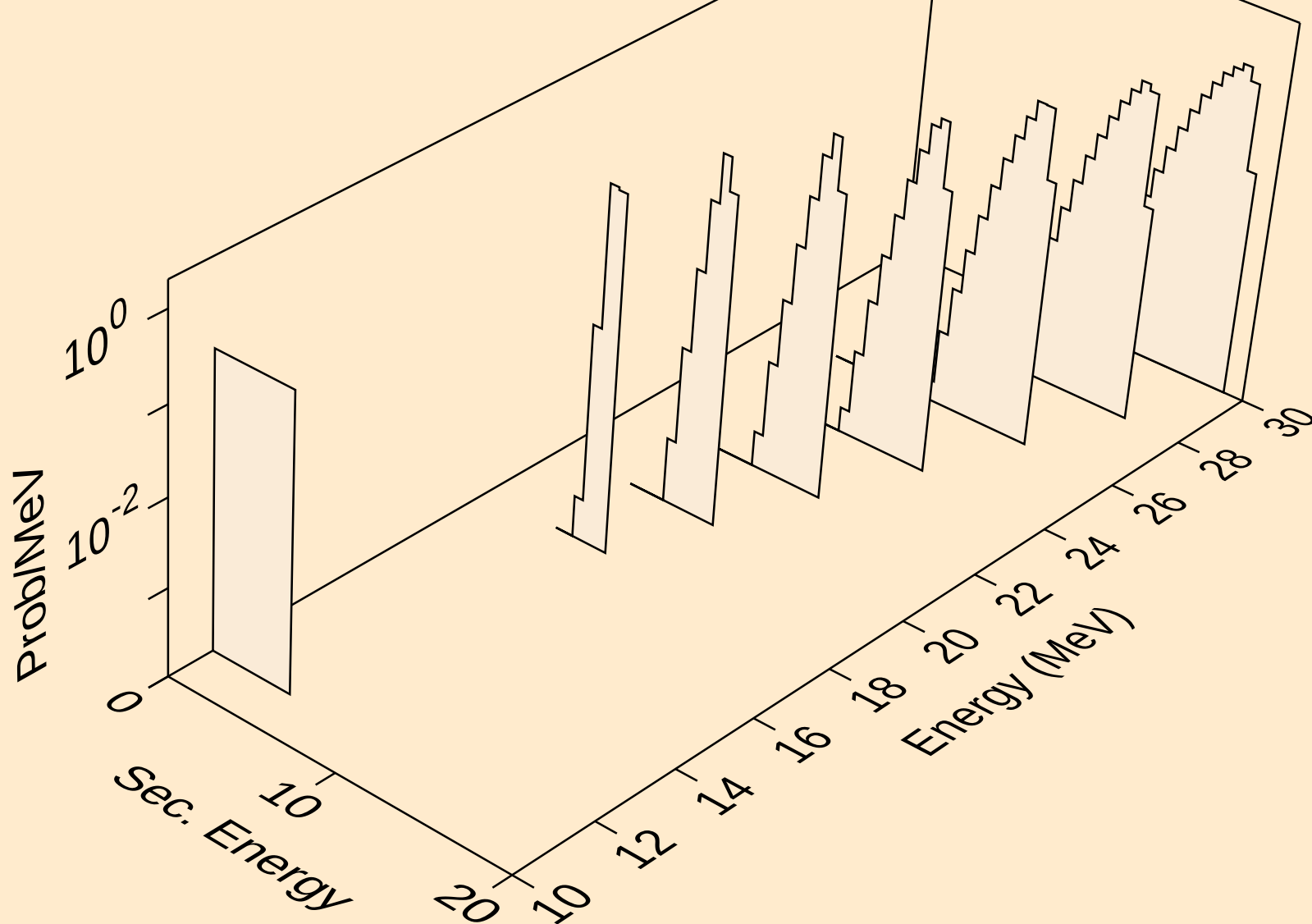
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,pt)



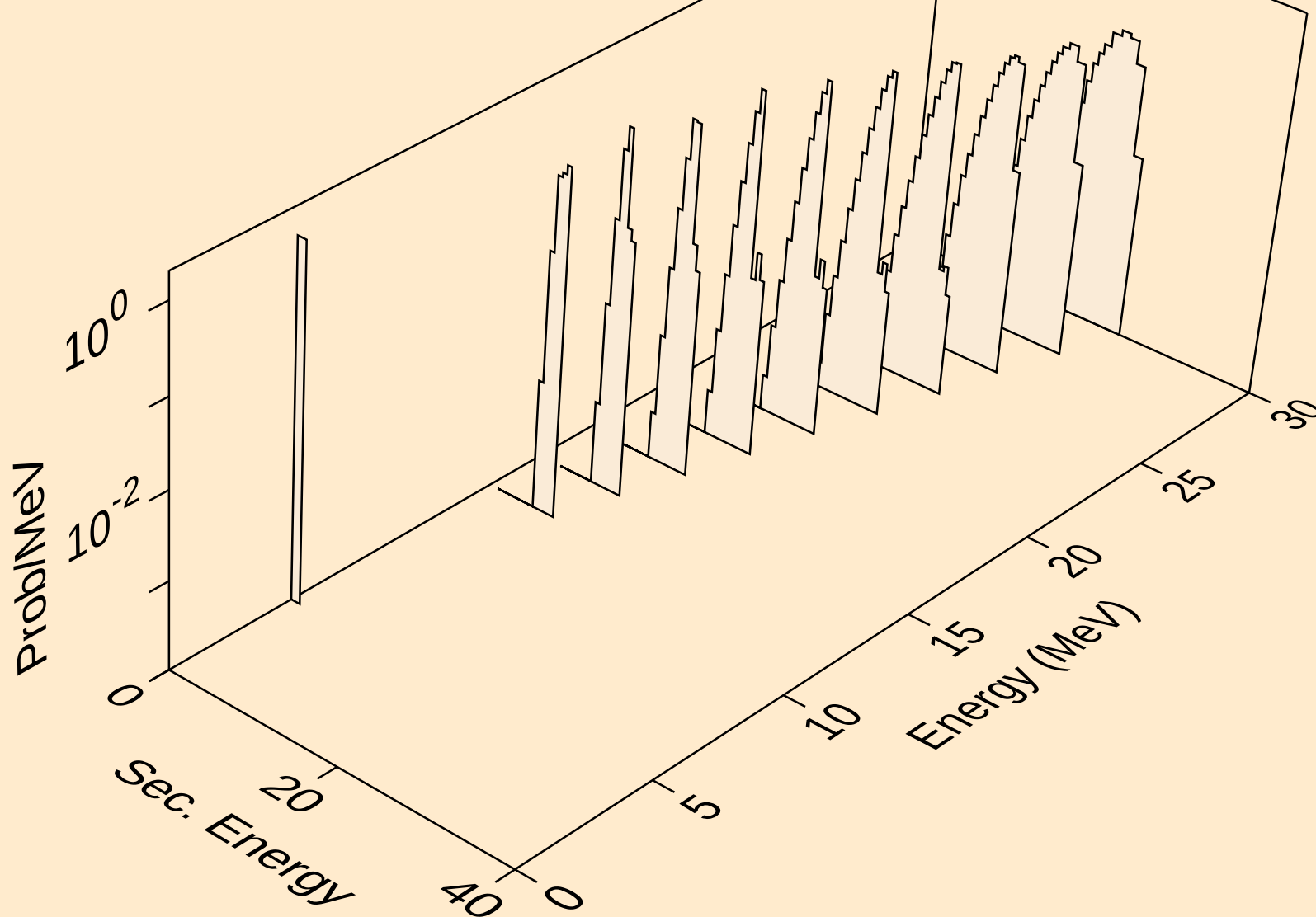
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



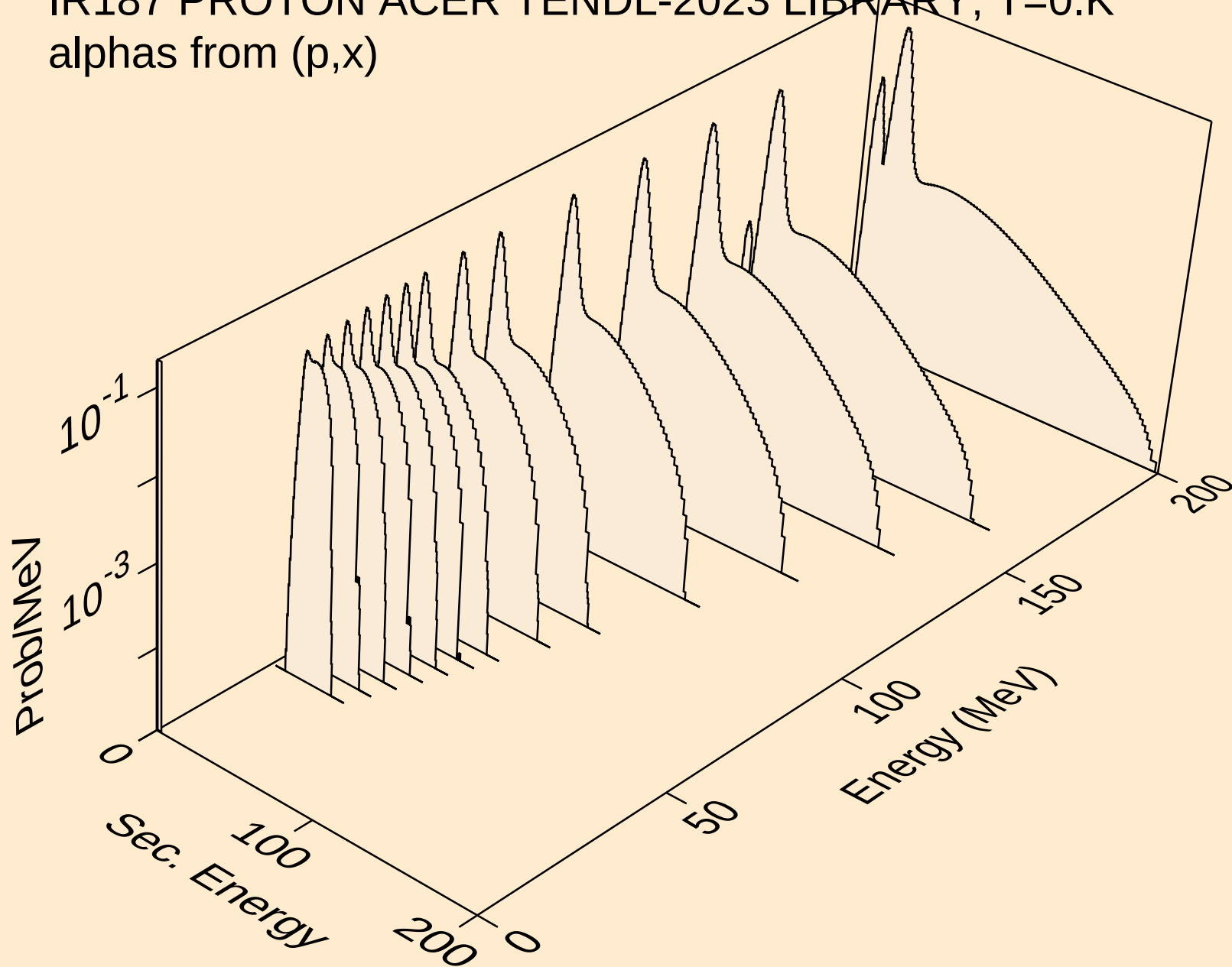
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



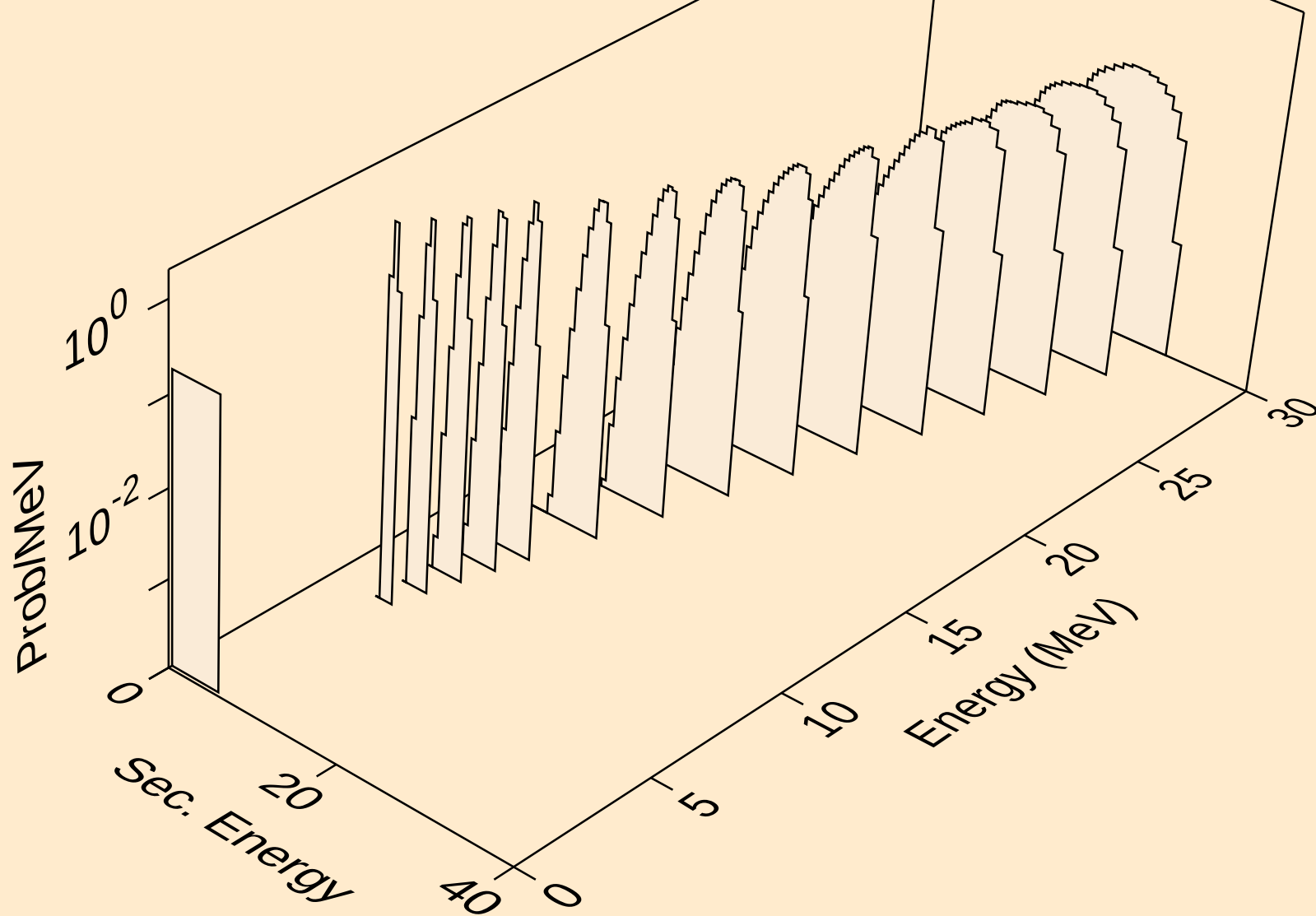
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



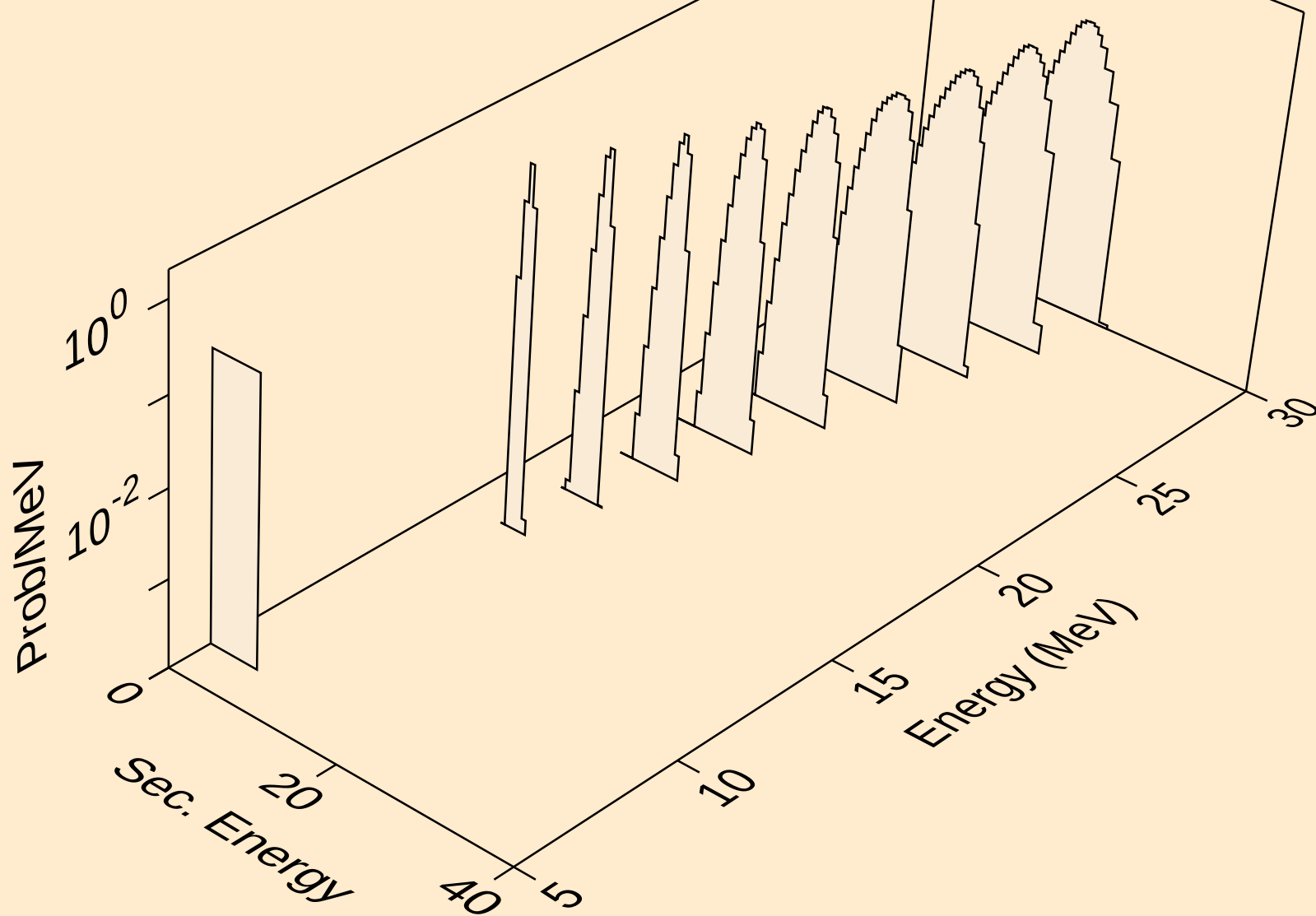
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



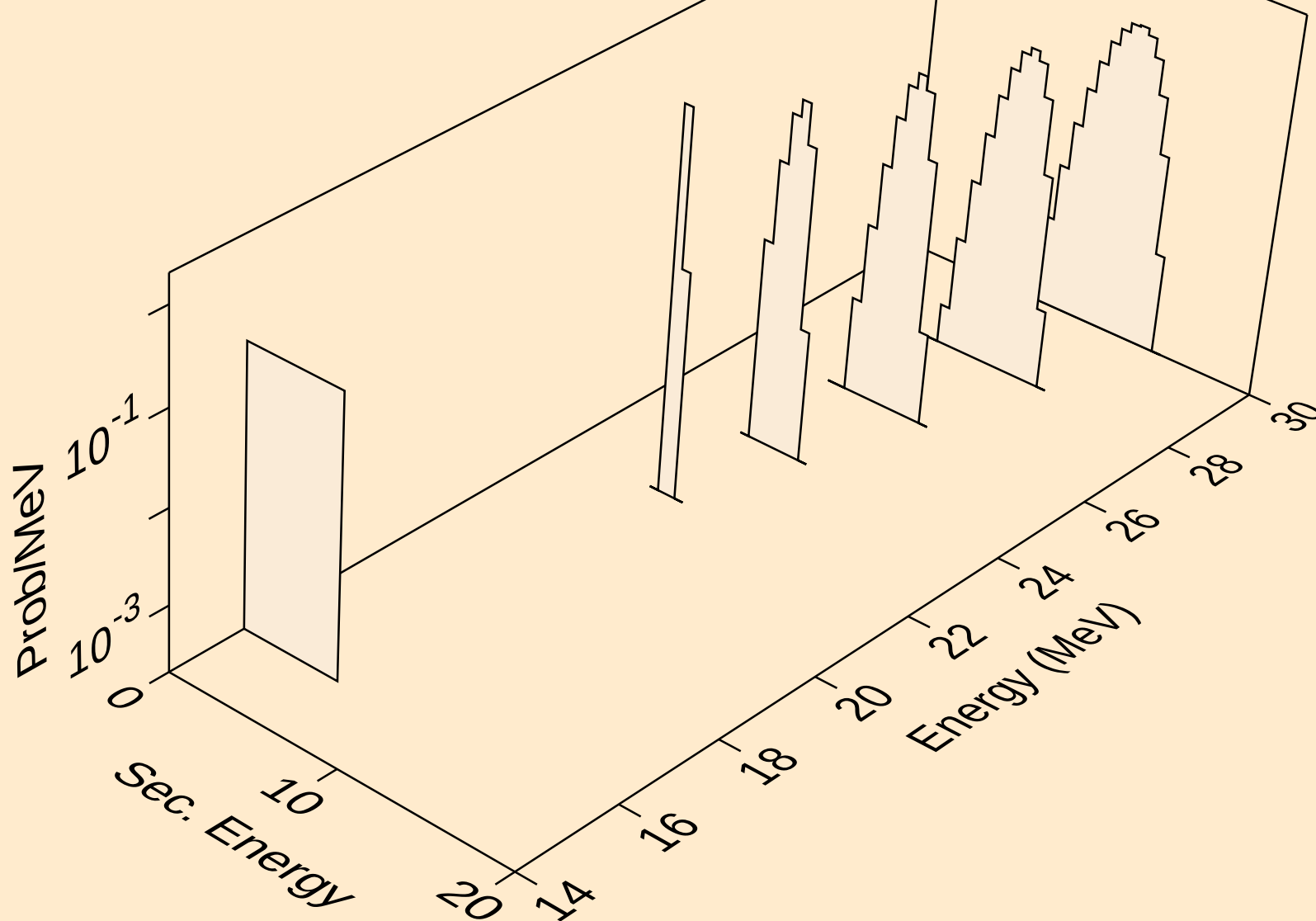
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



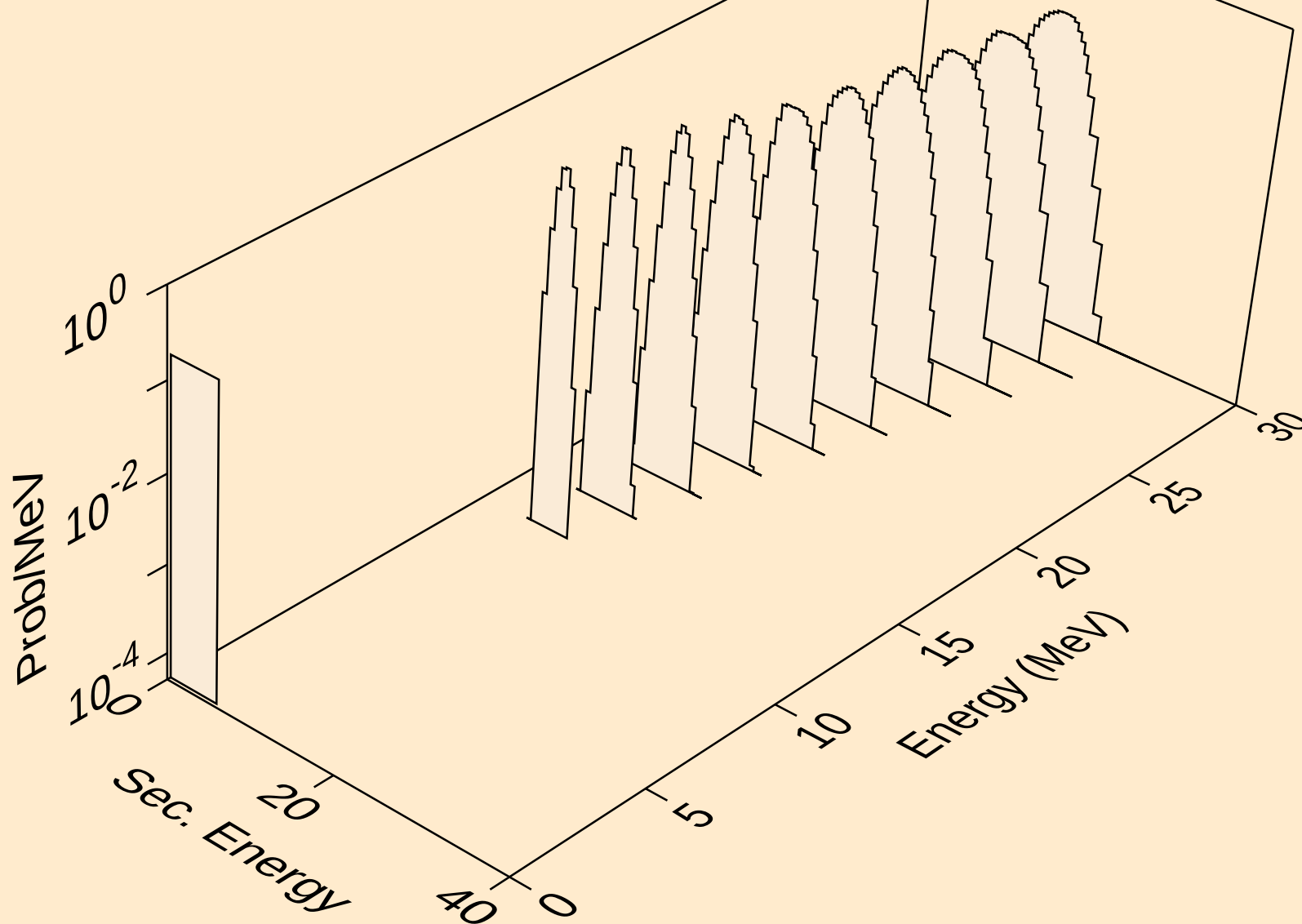
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



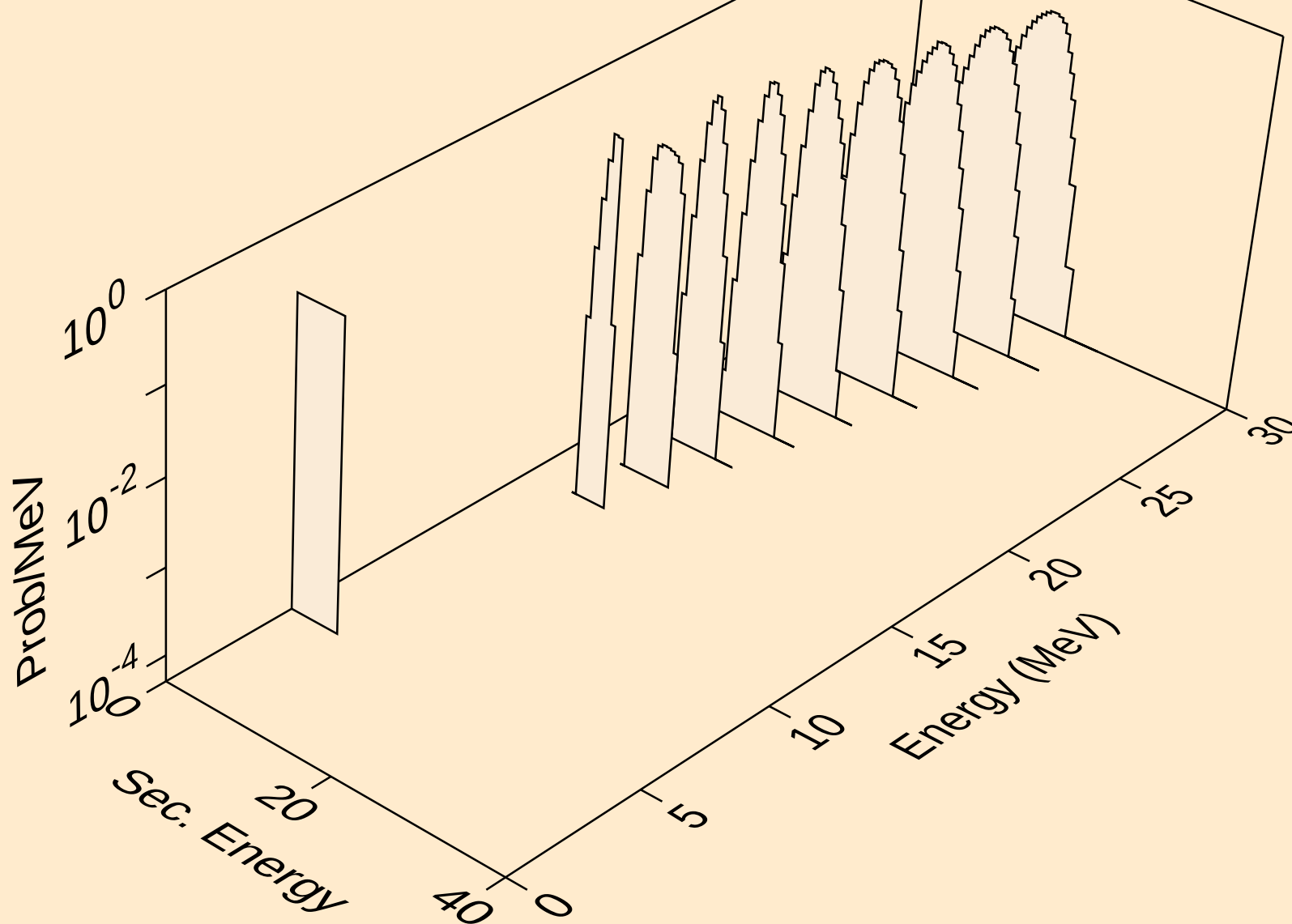
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



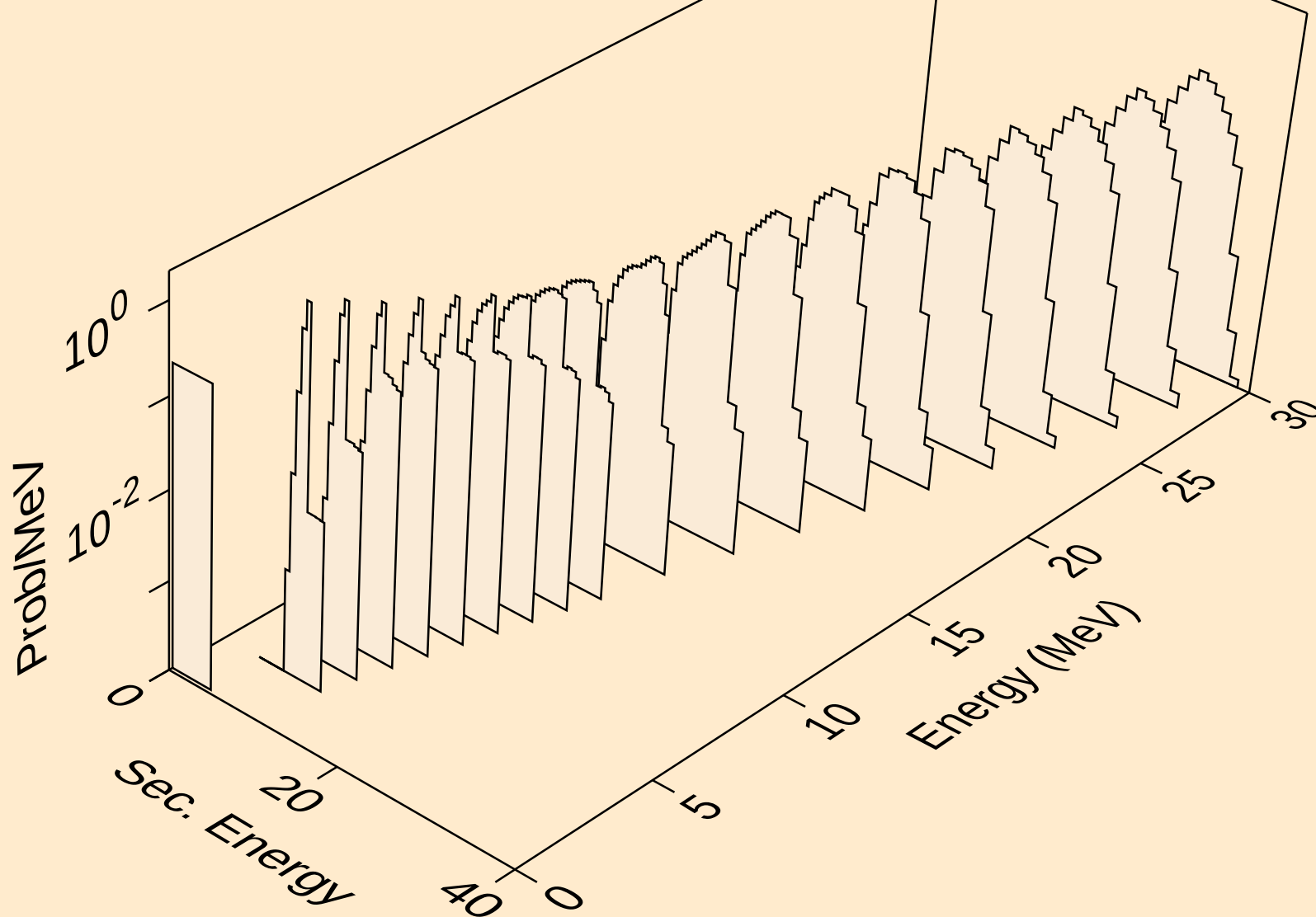
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)2a



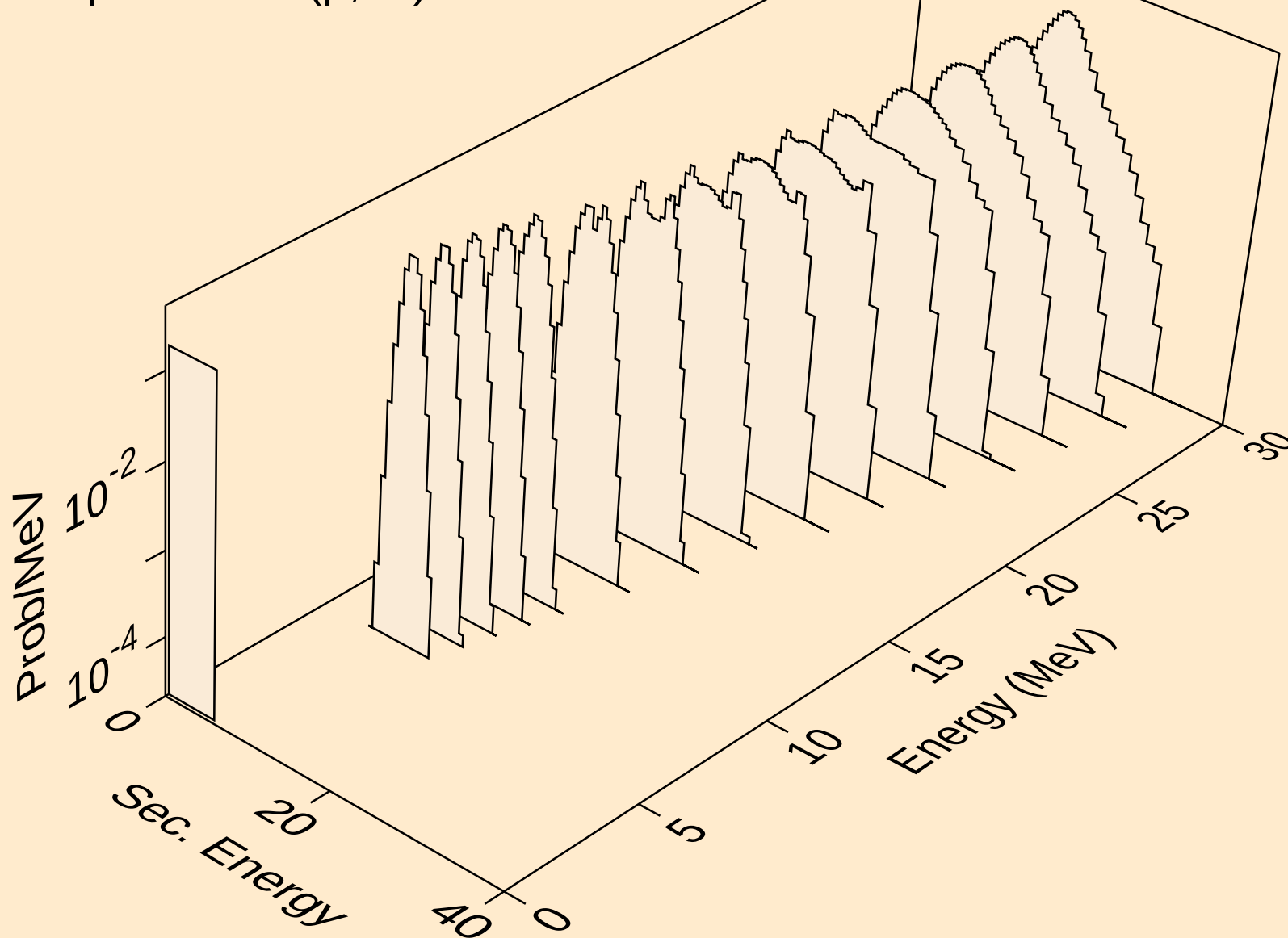
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,npa)



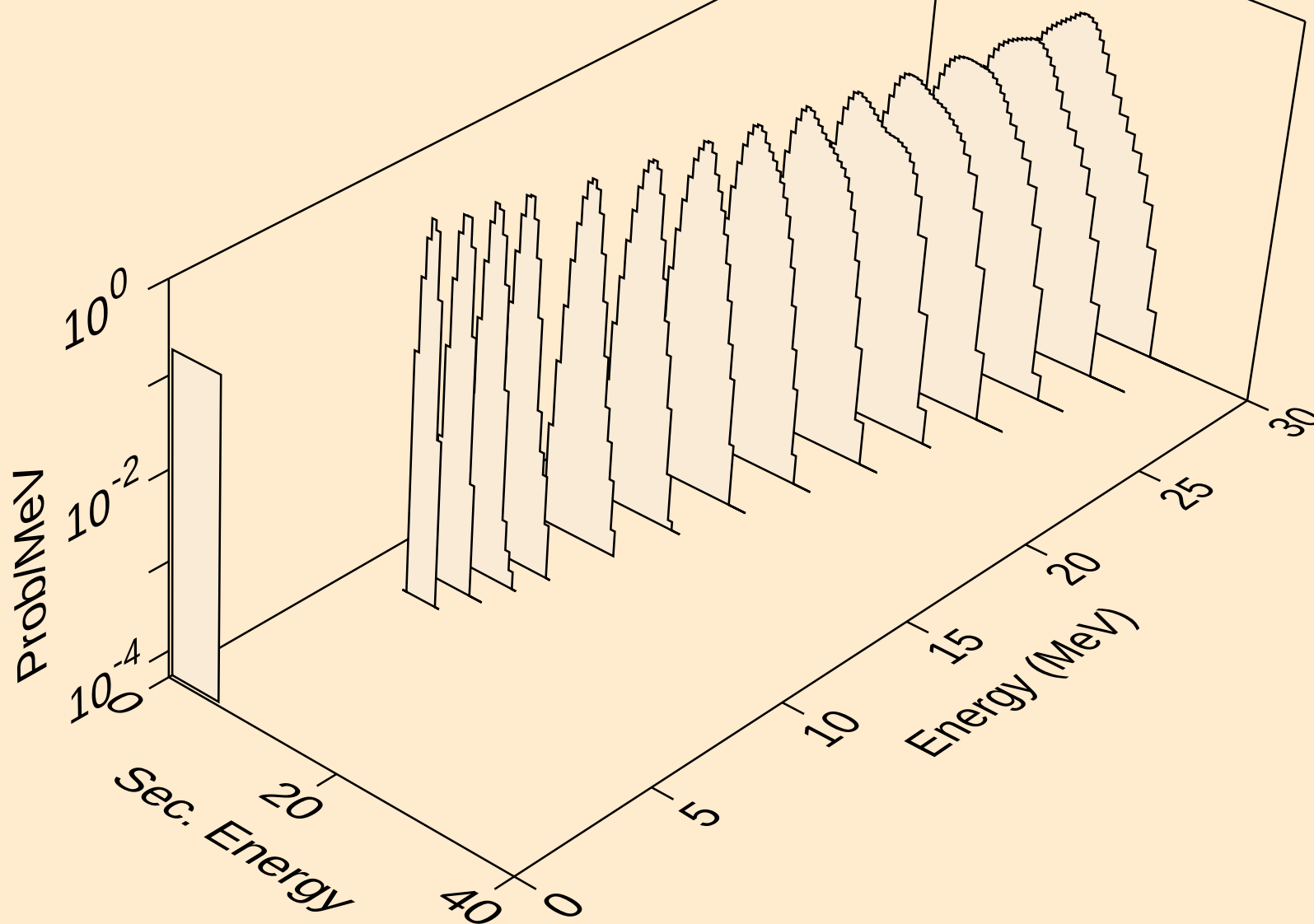
IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)



IR187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,da)

