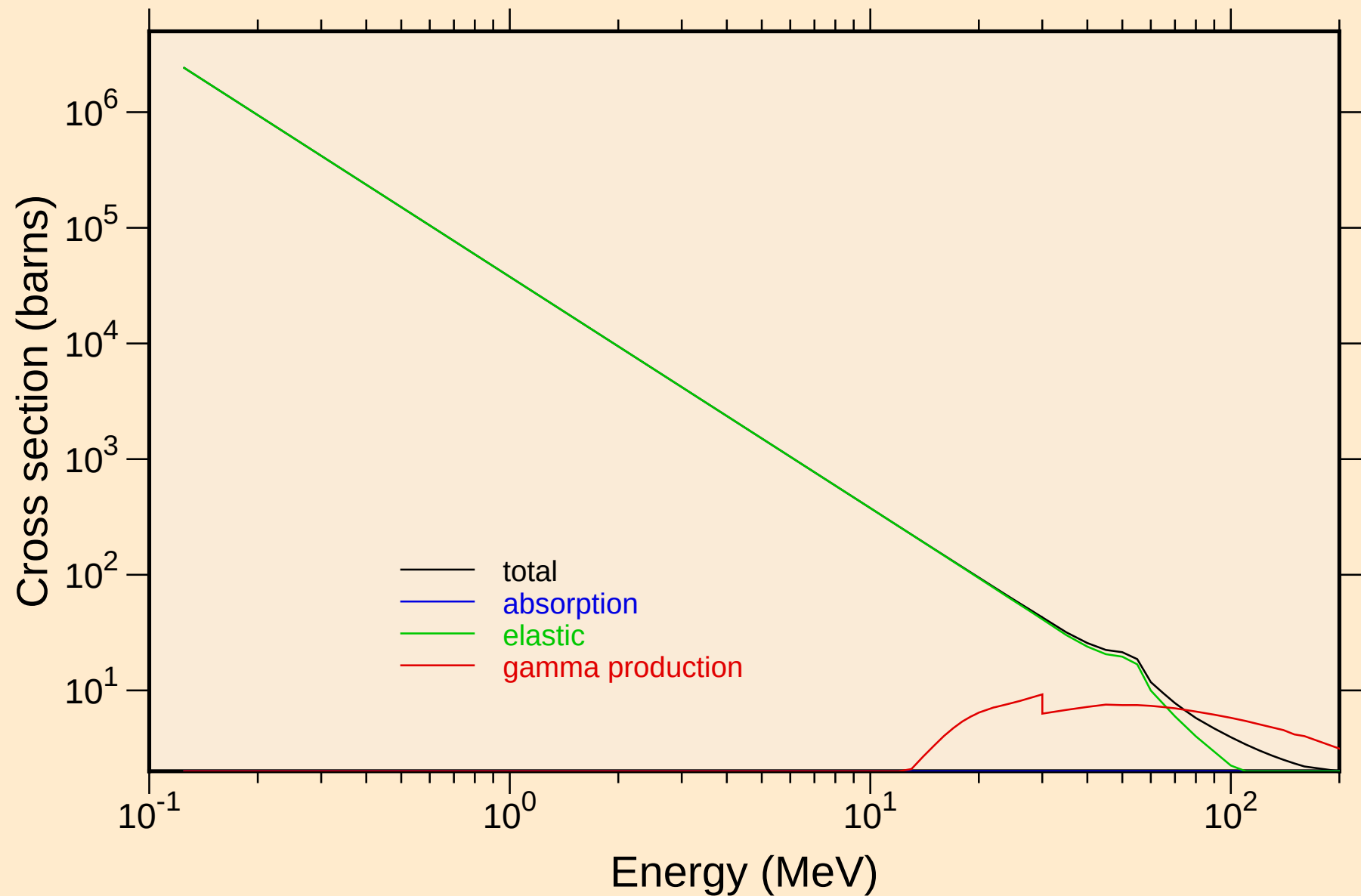


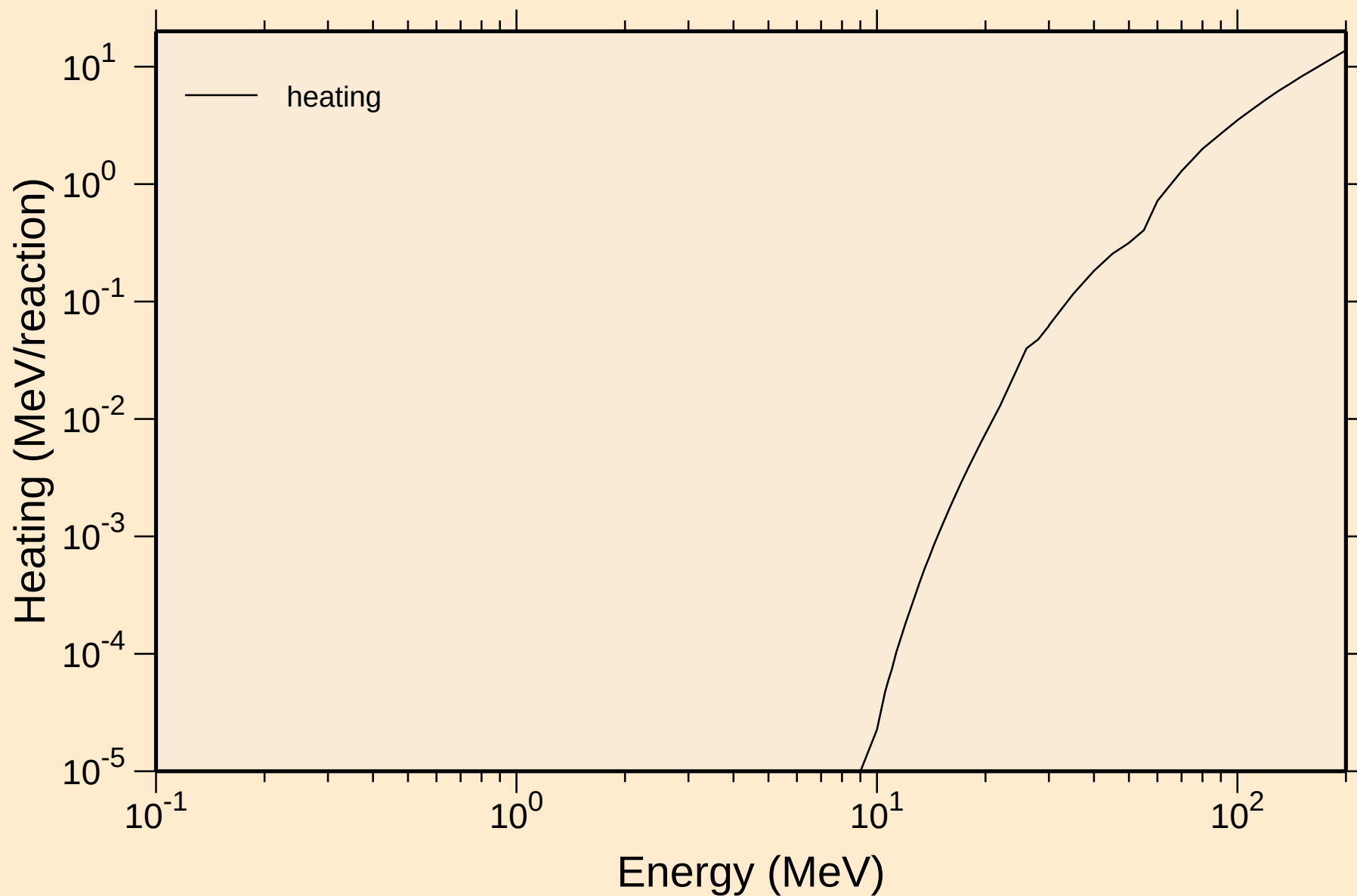
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



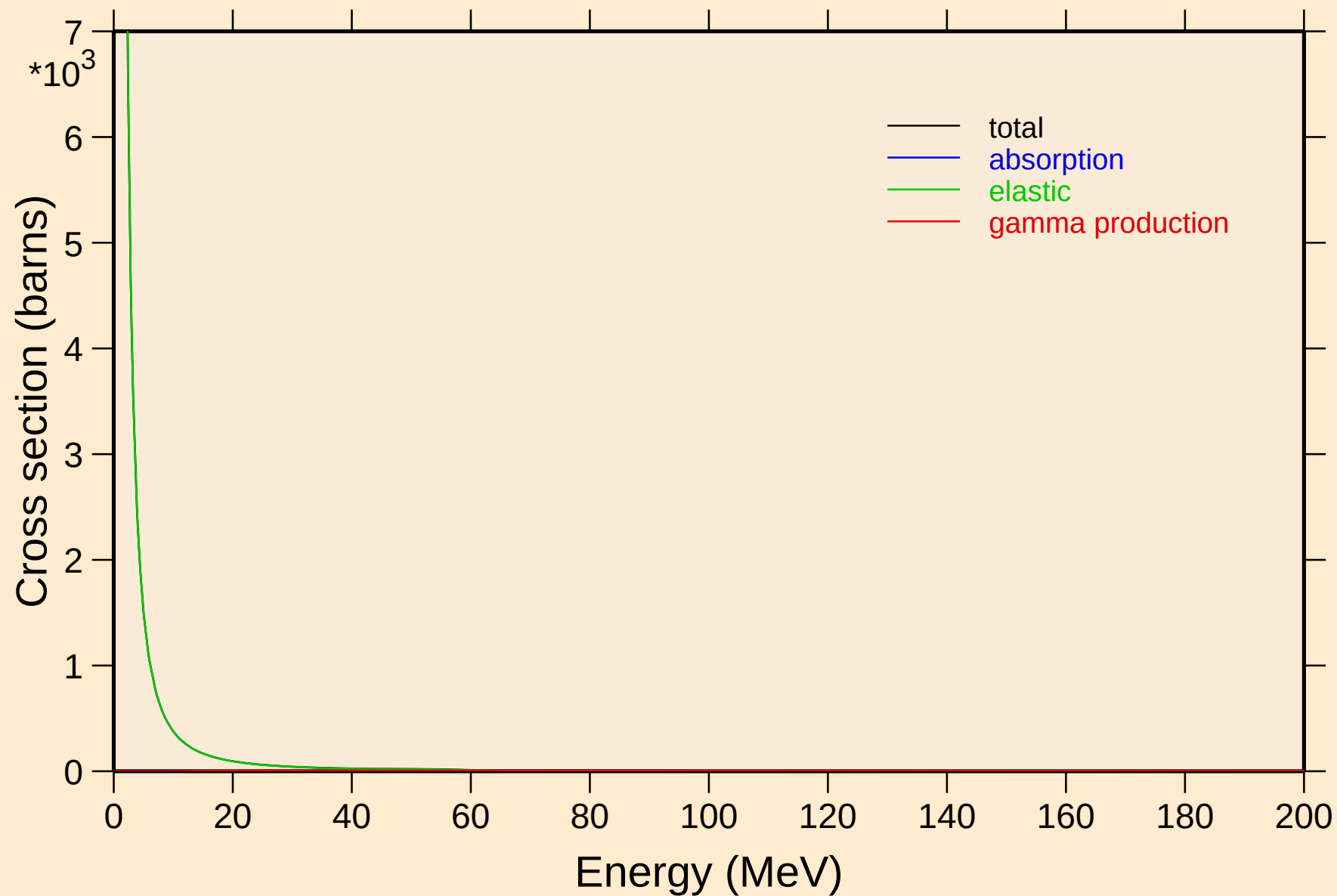
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



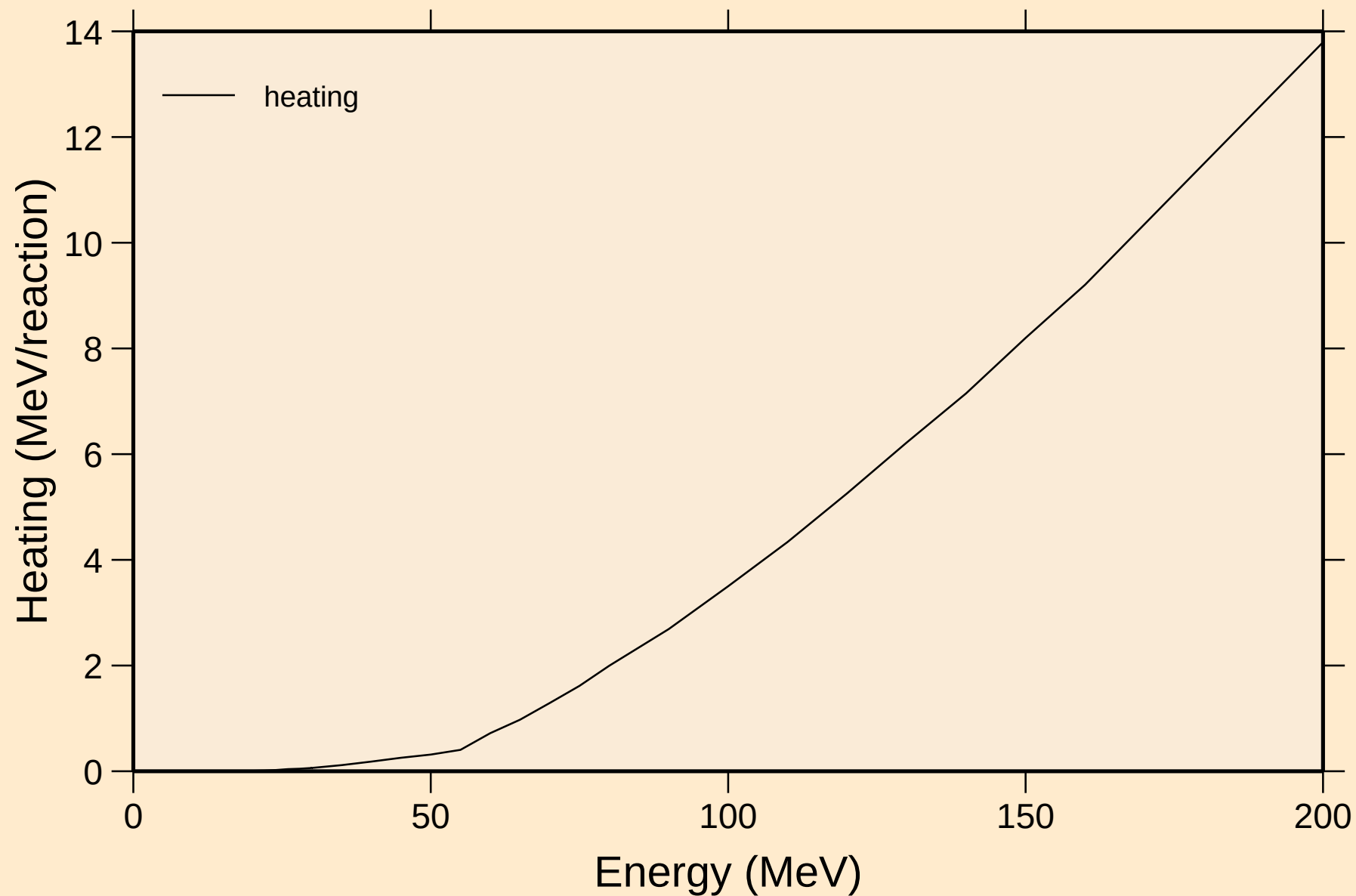
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



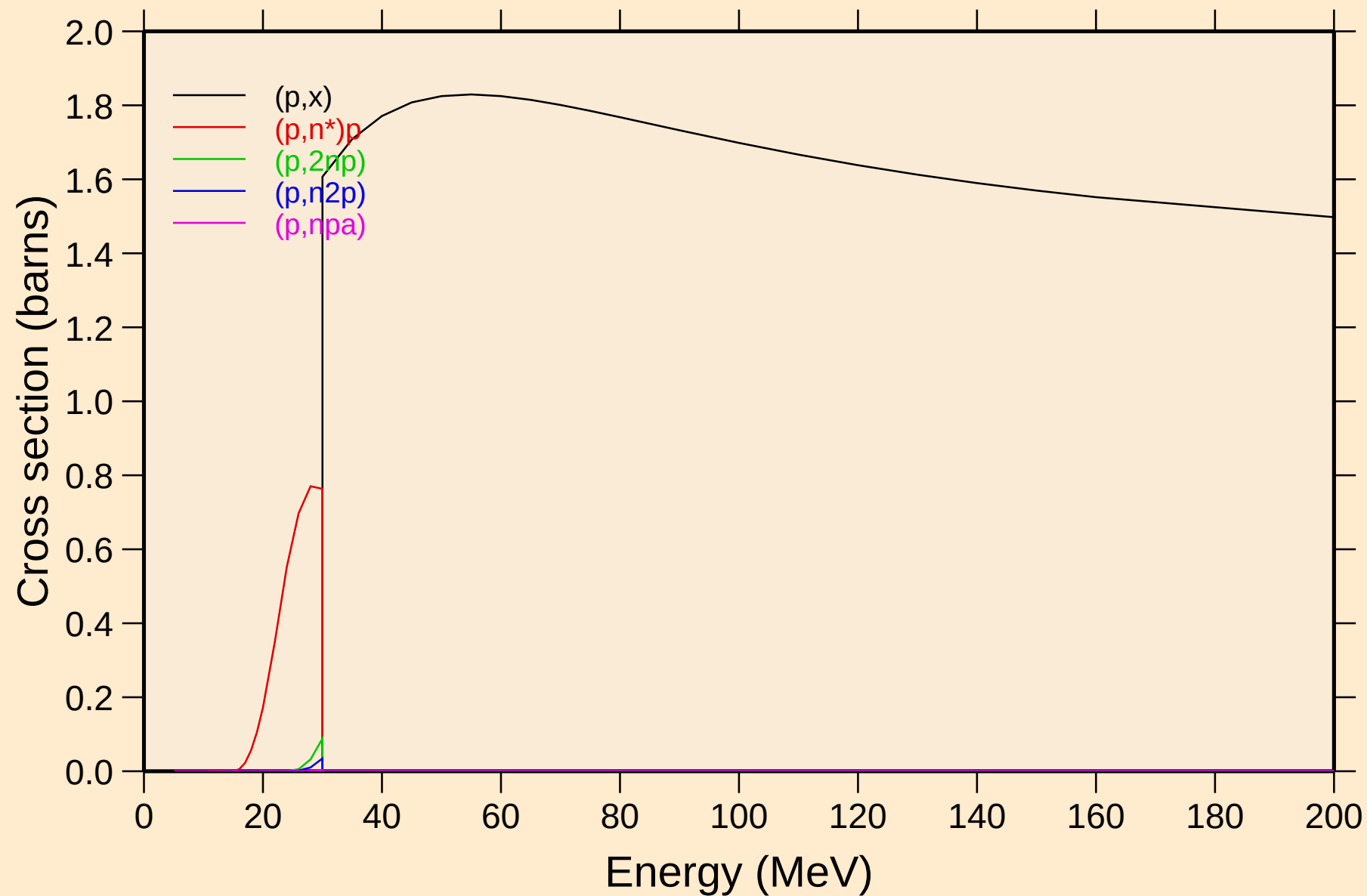
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



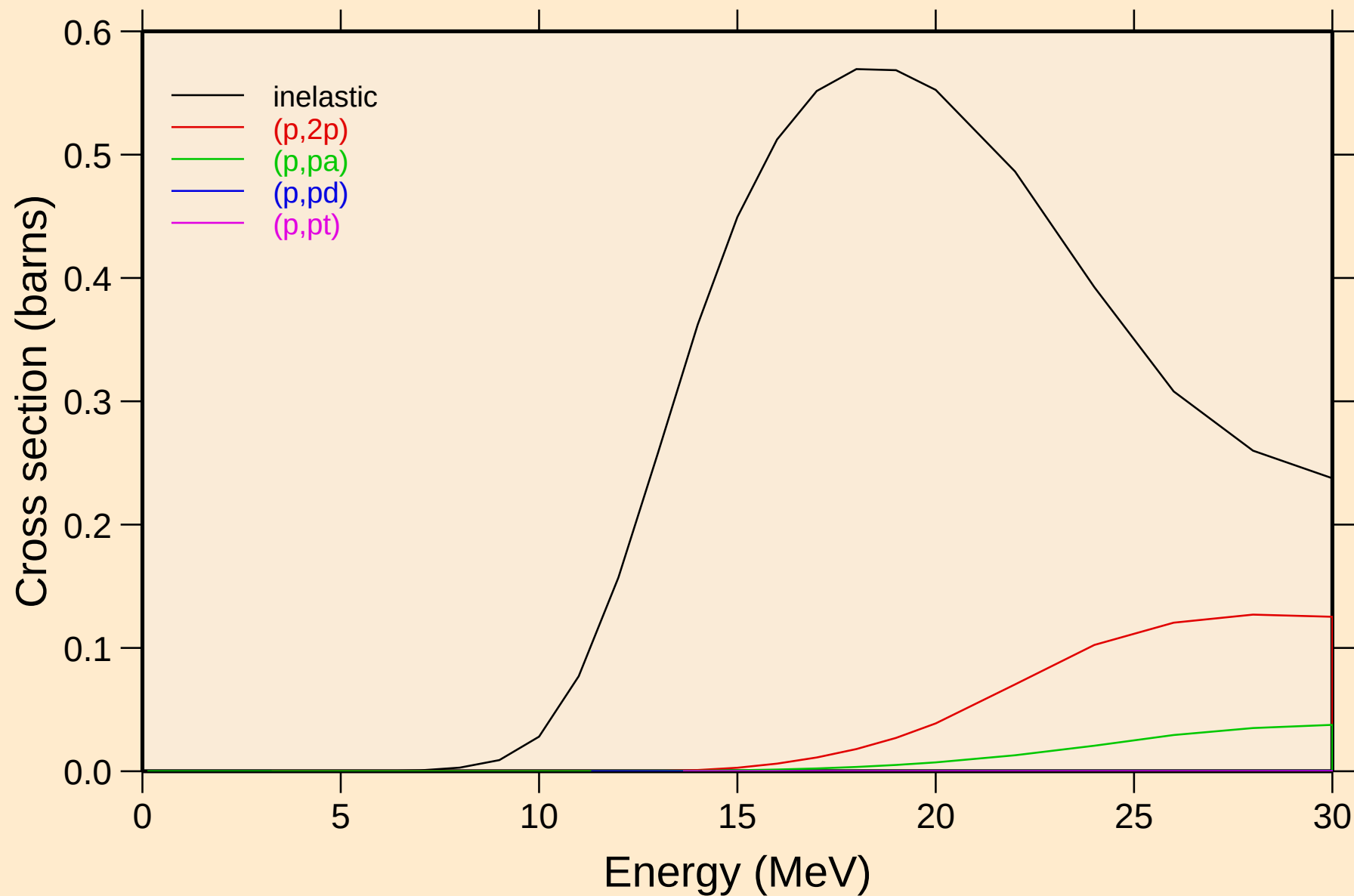
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



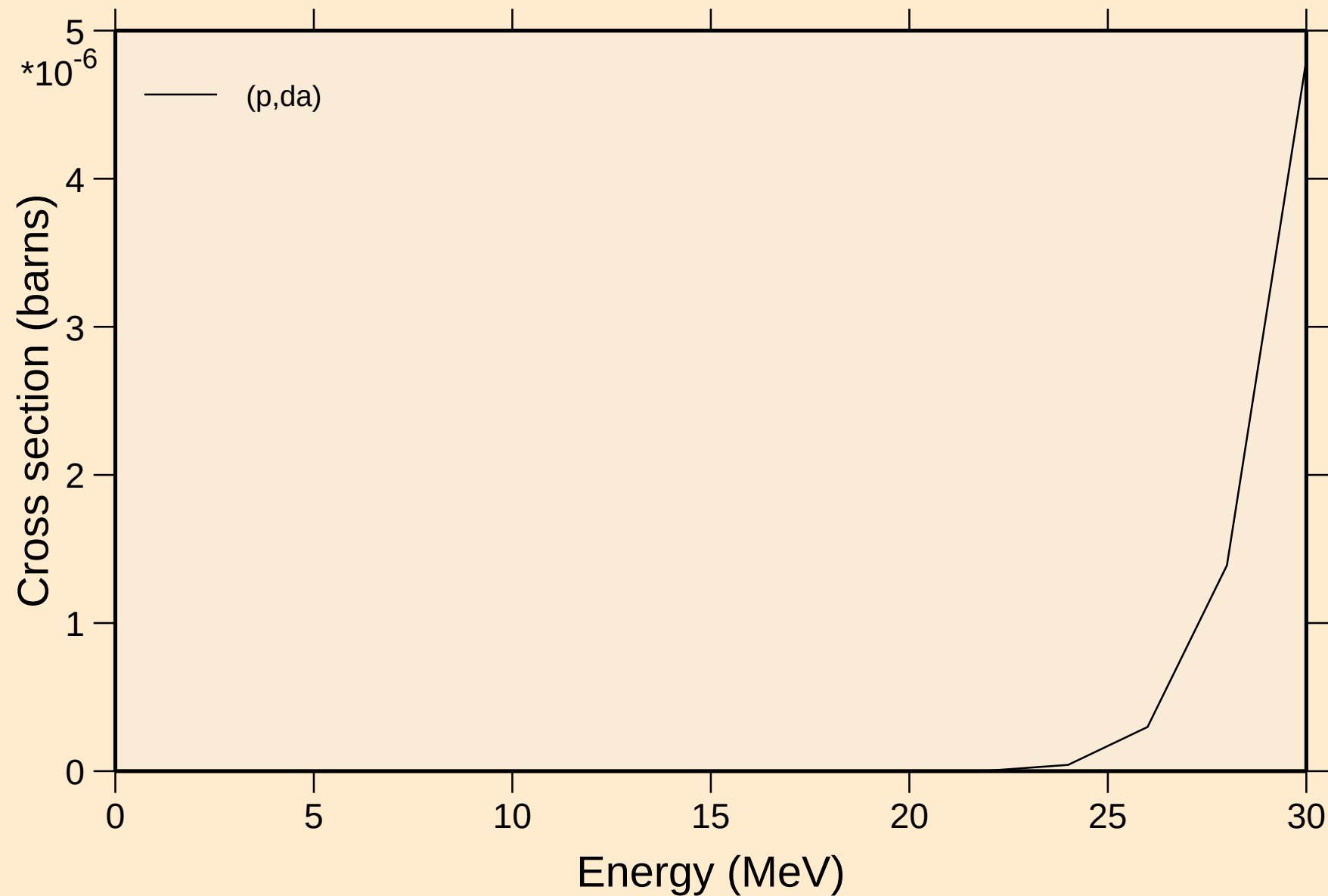
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

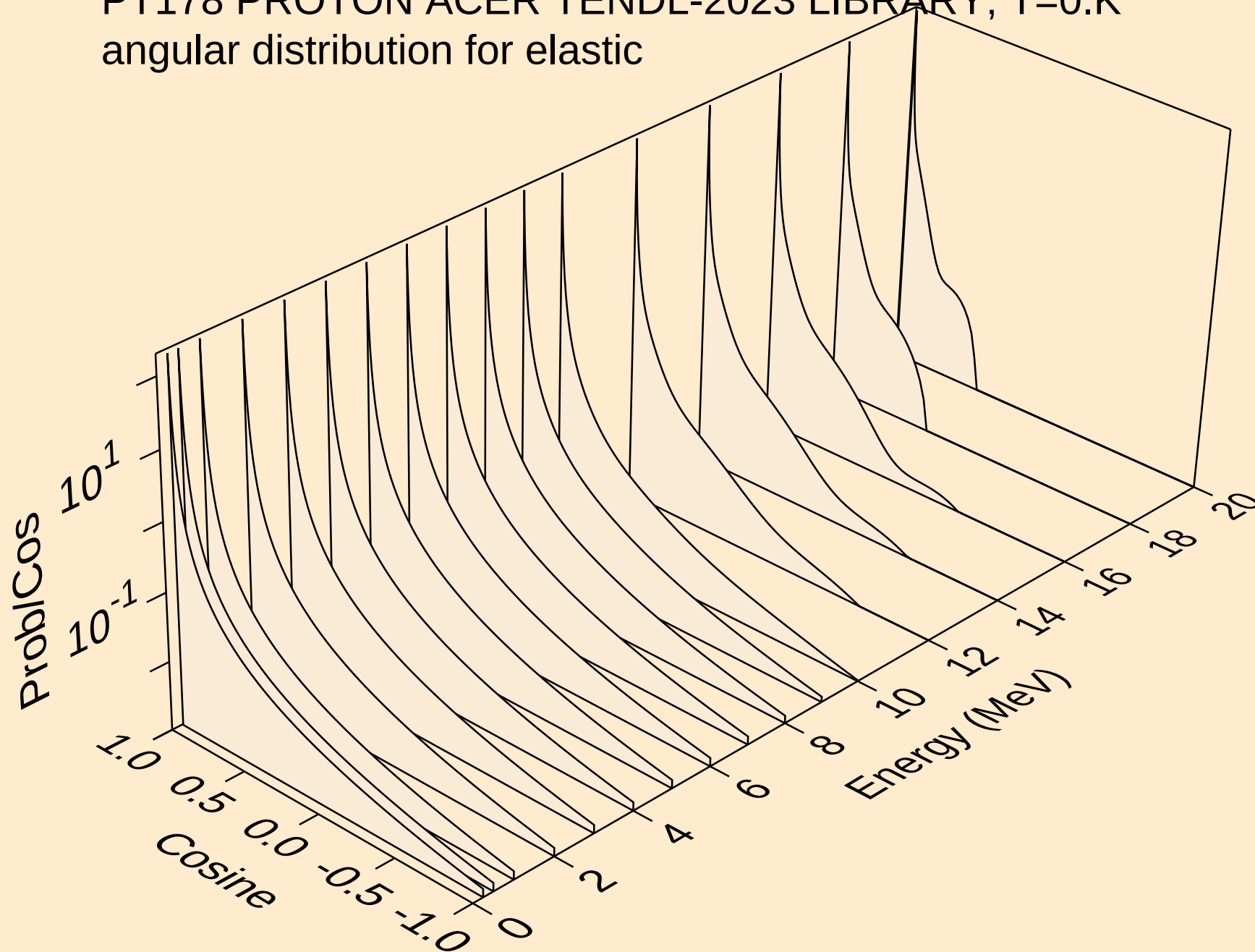


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

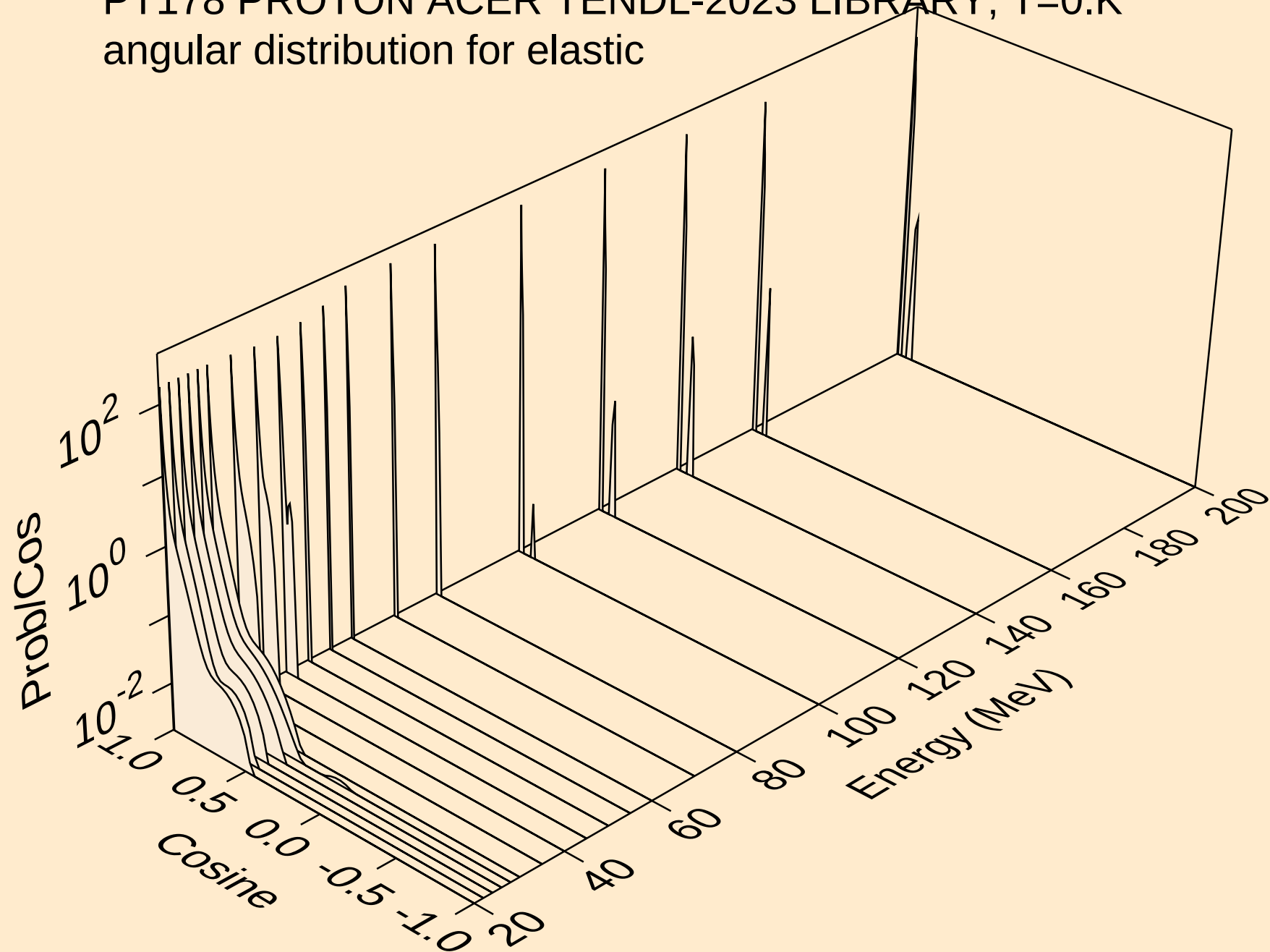
Threshold reactions



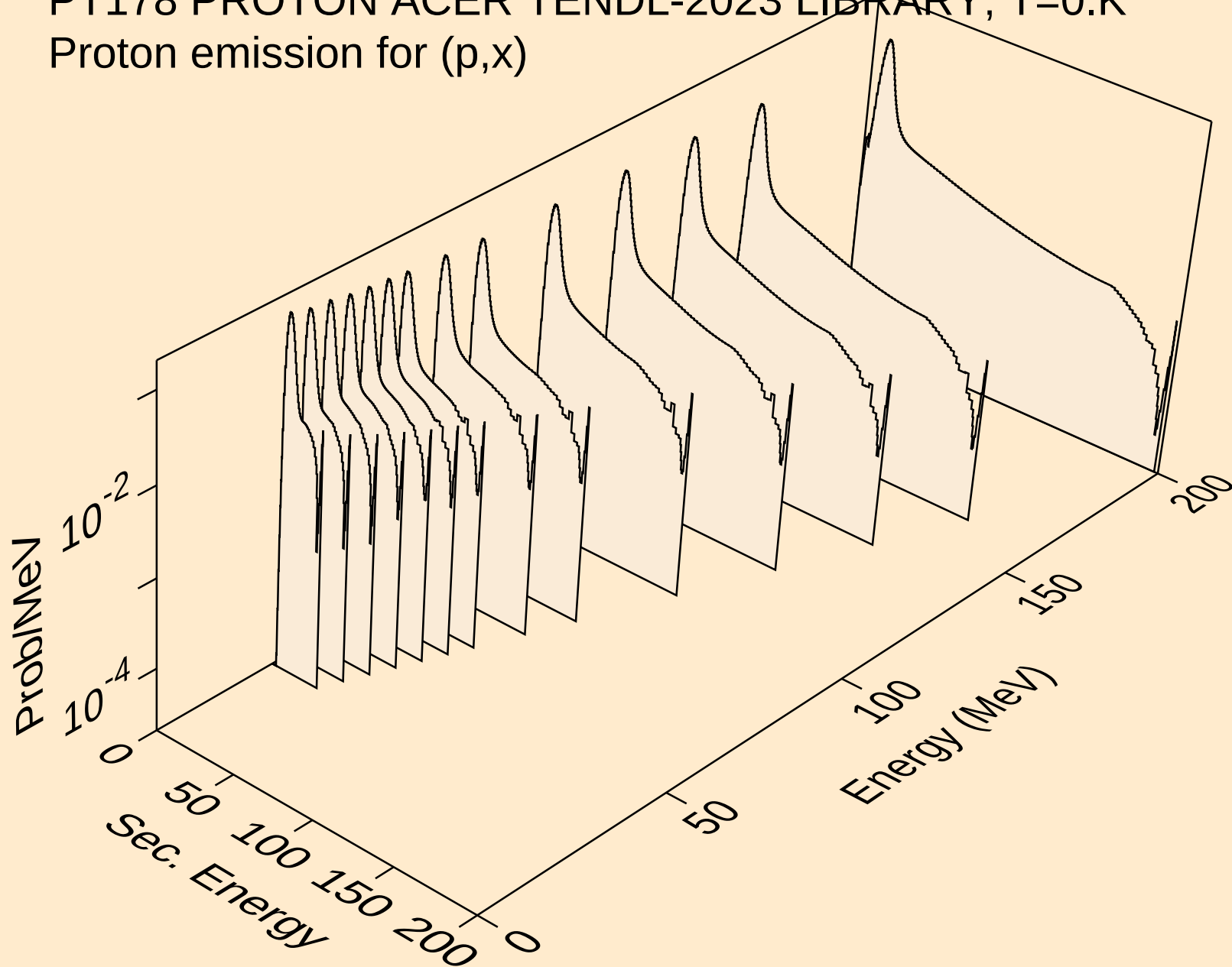
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

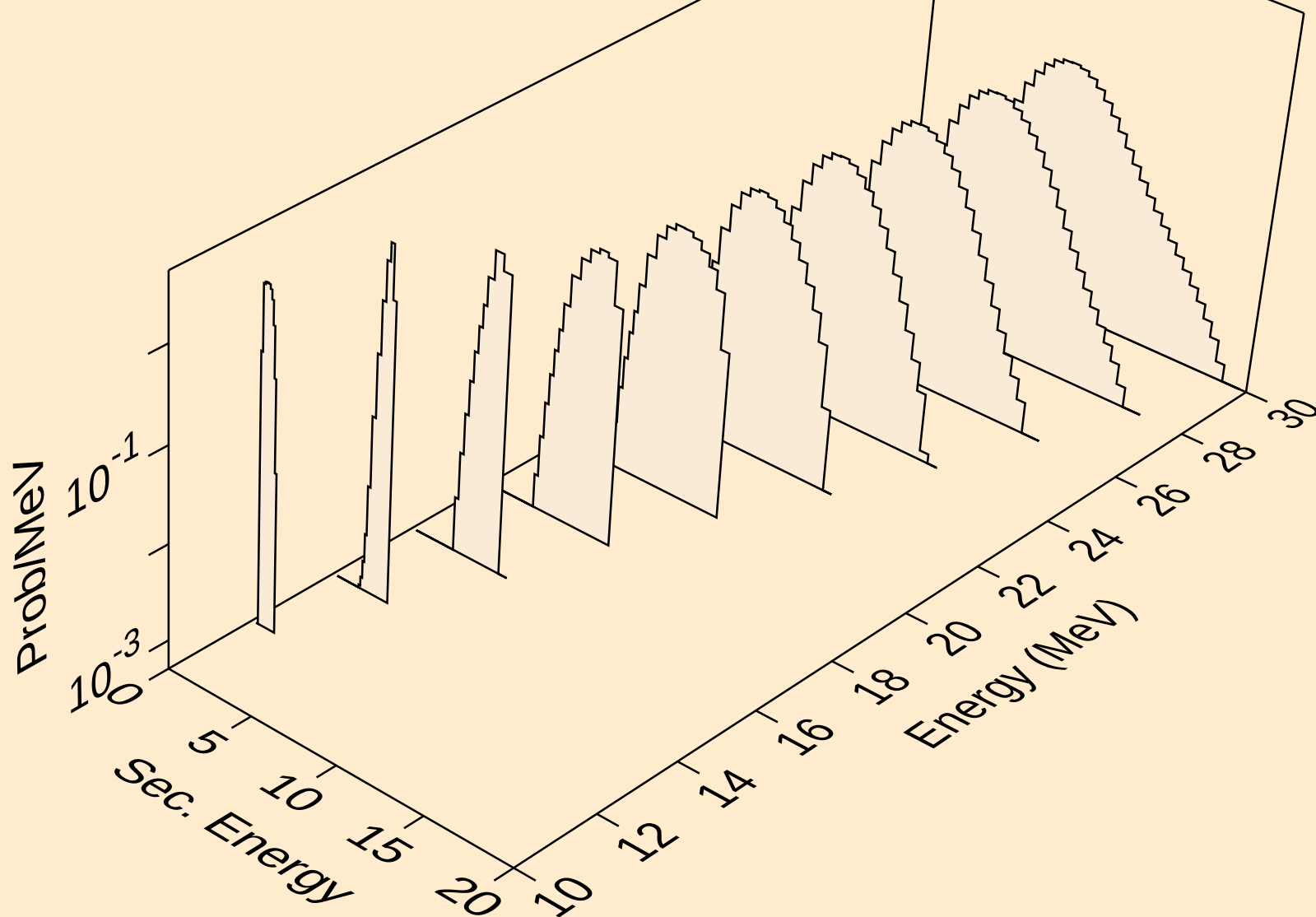


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)

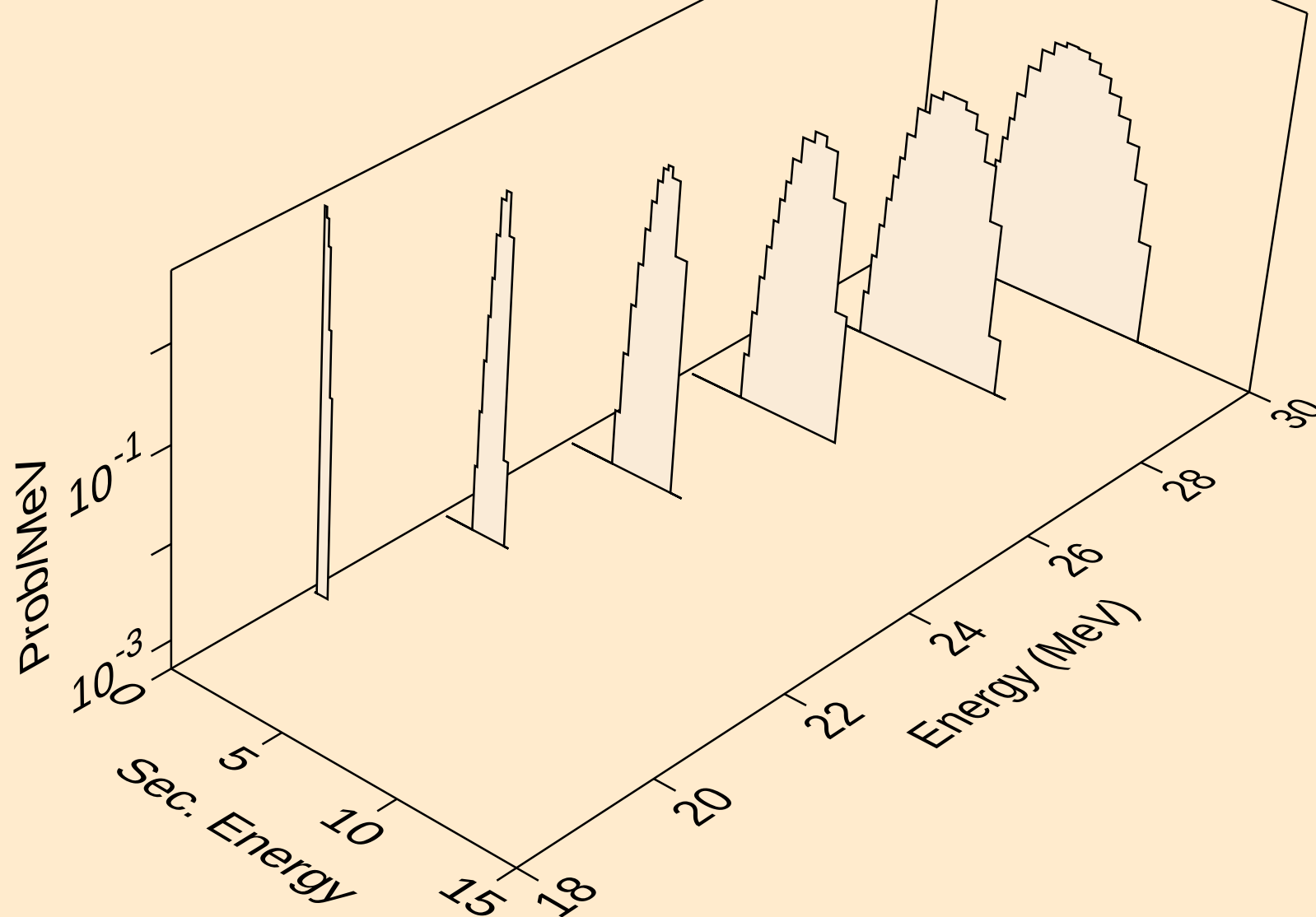


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

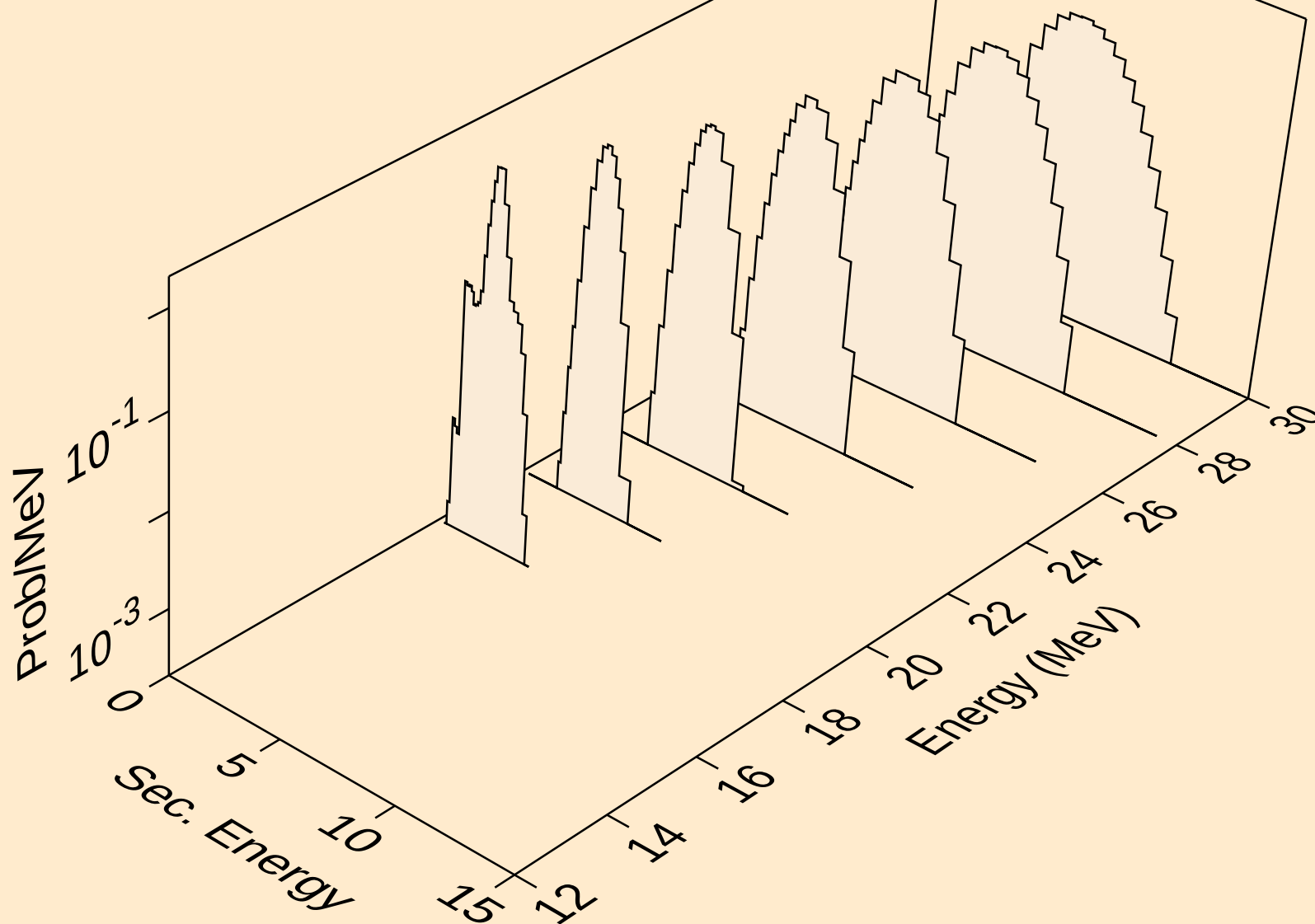
Proton emission for (p,n*)p



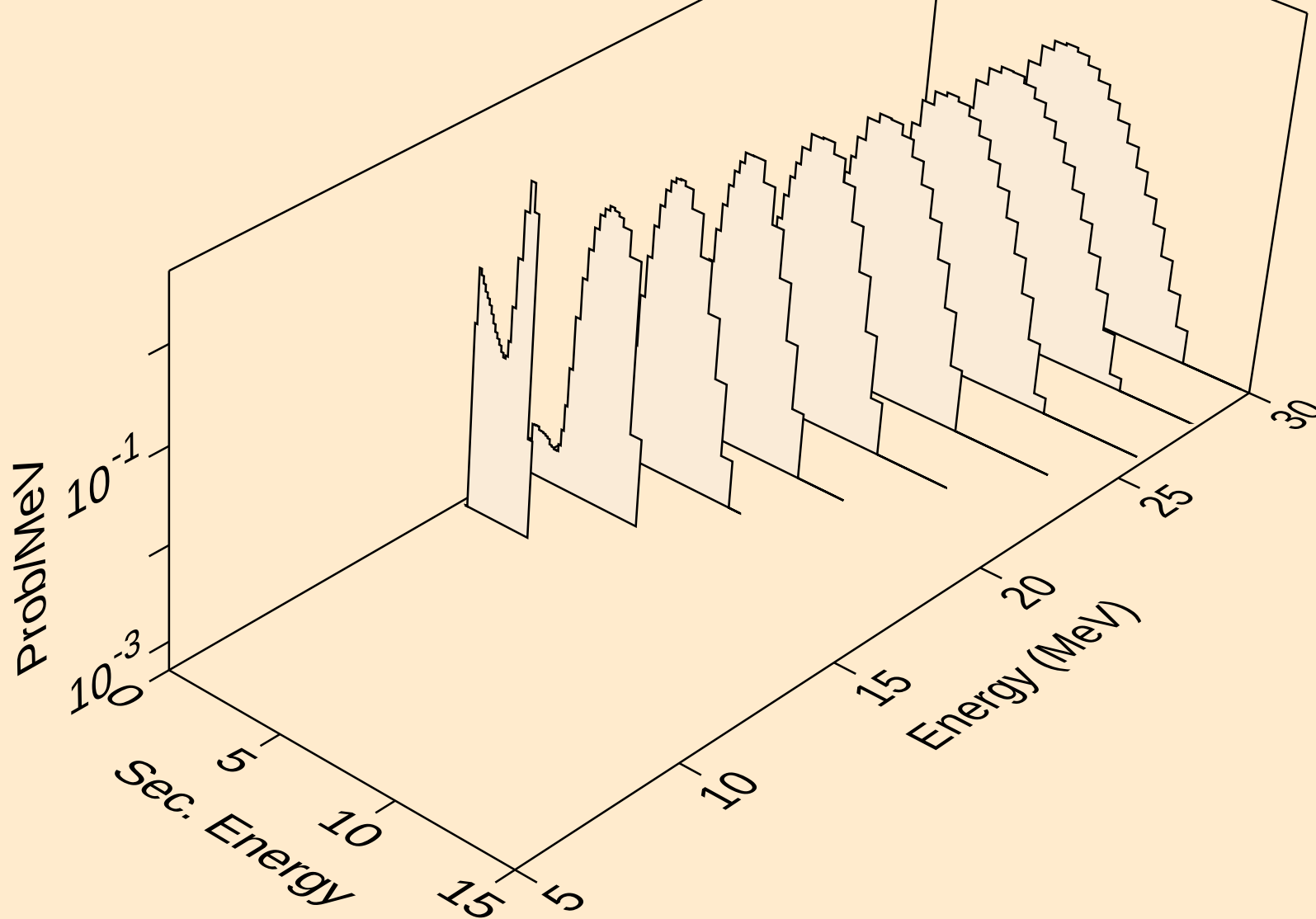
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



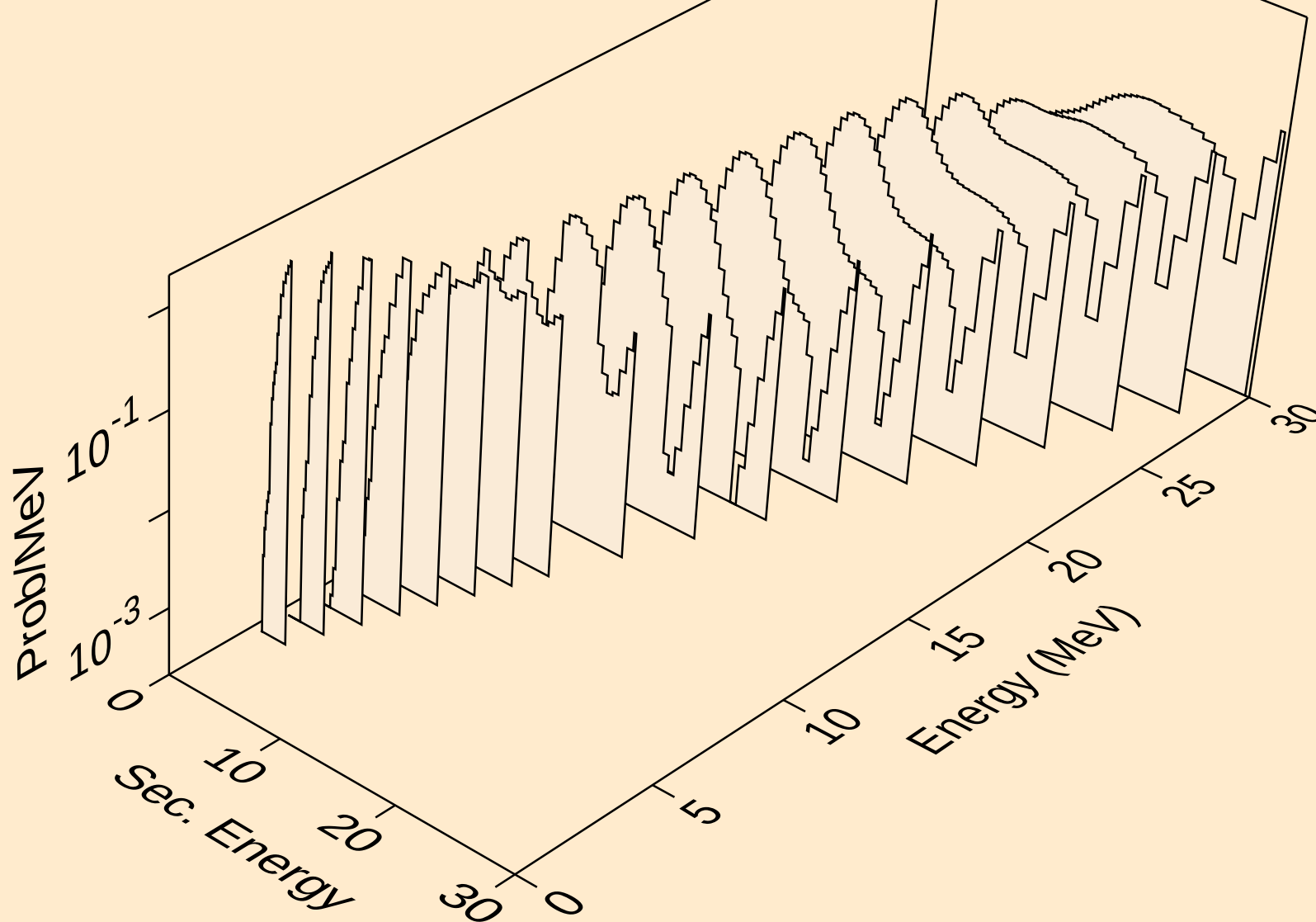
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



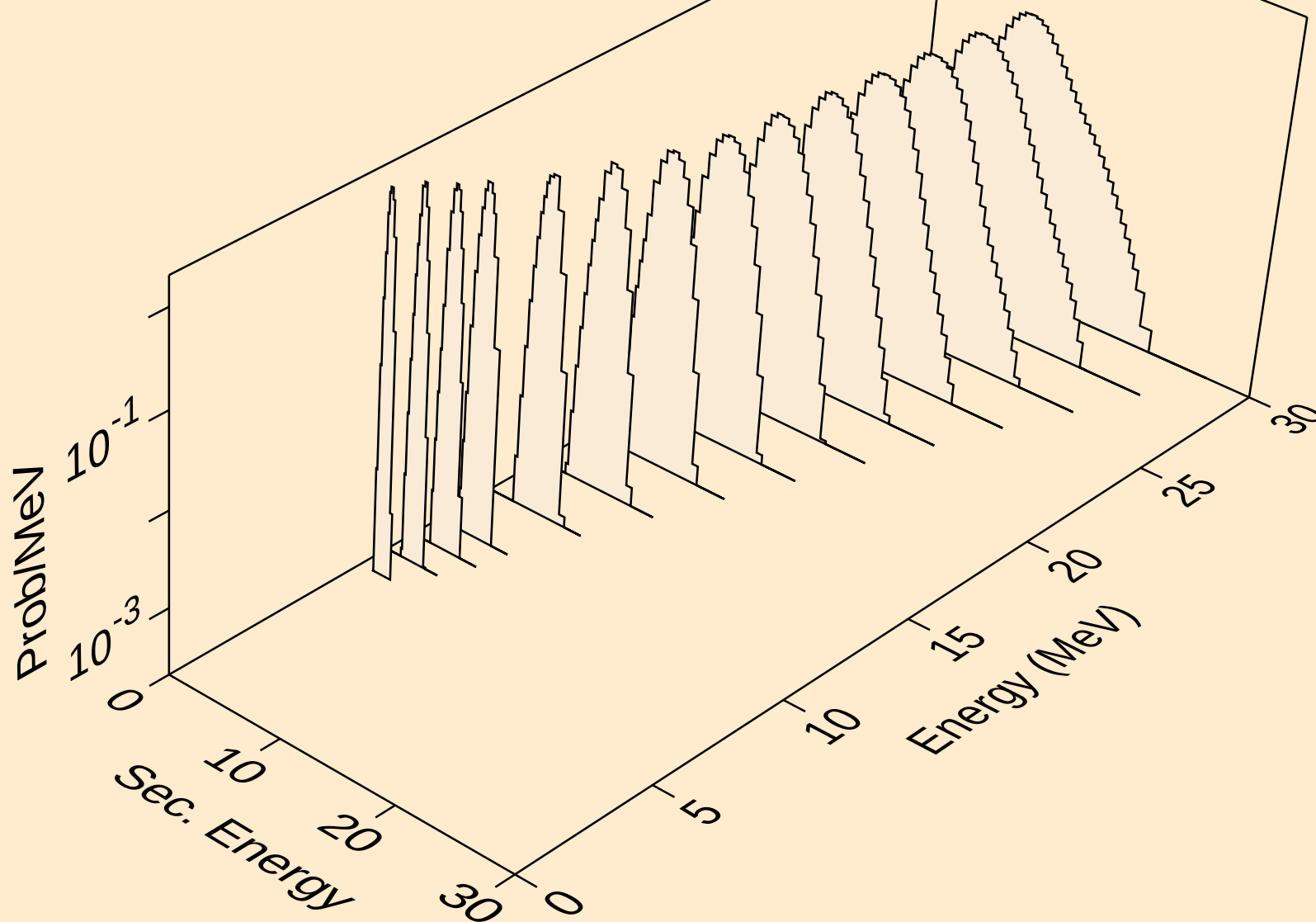
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)



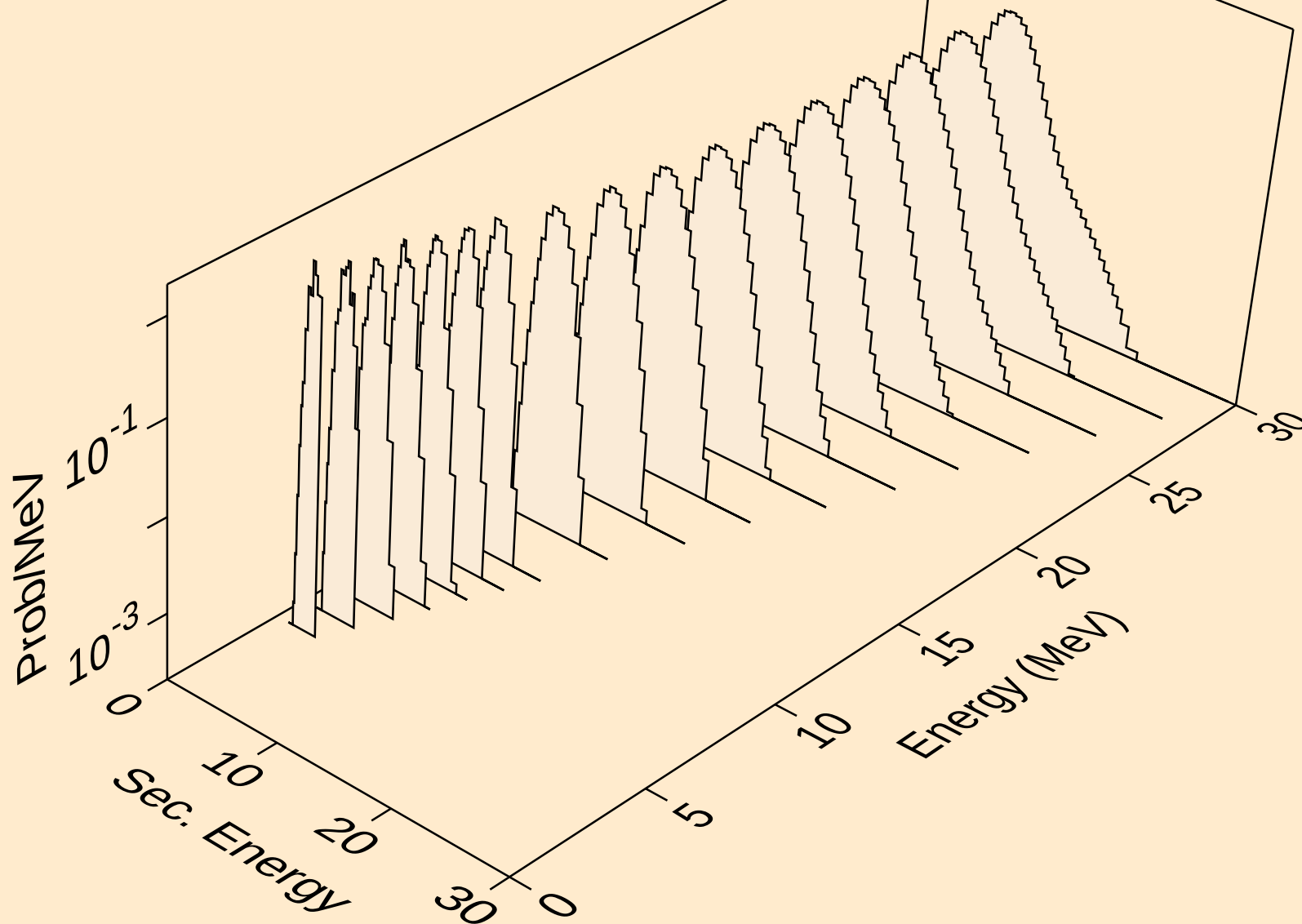
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2p)

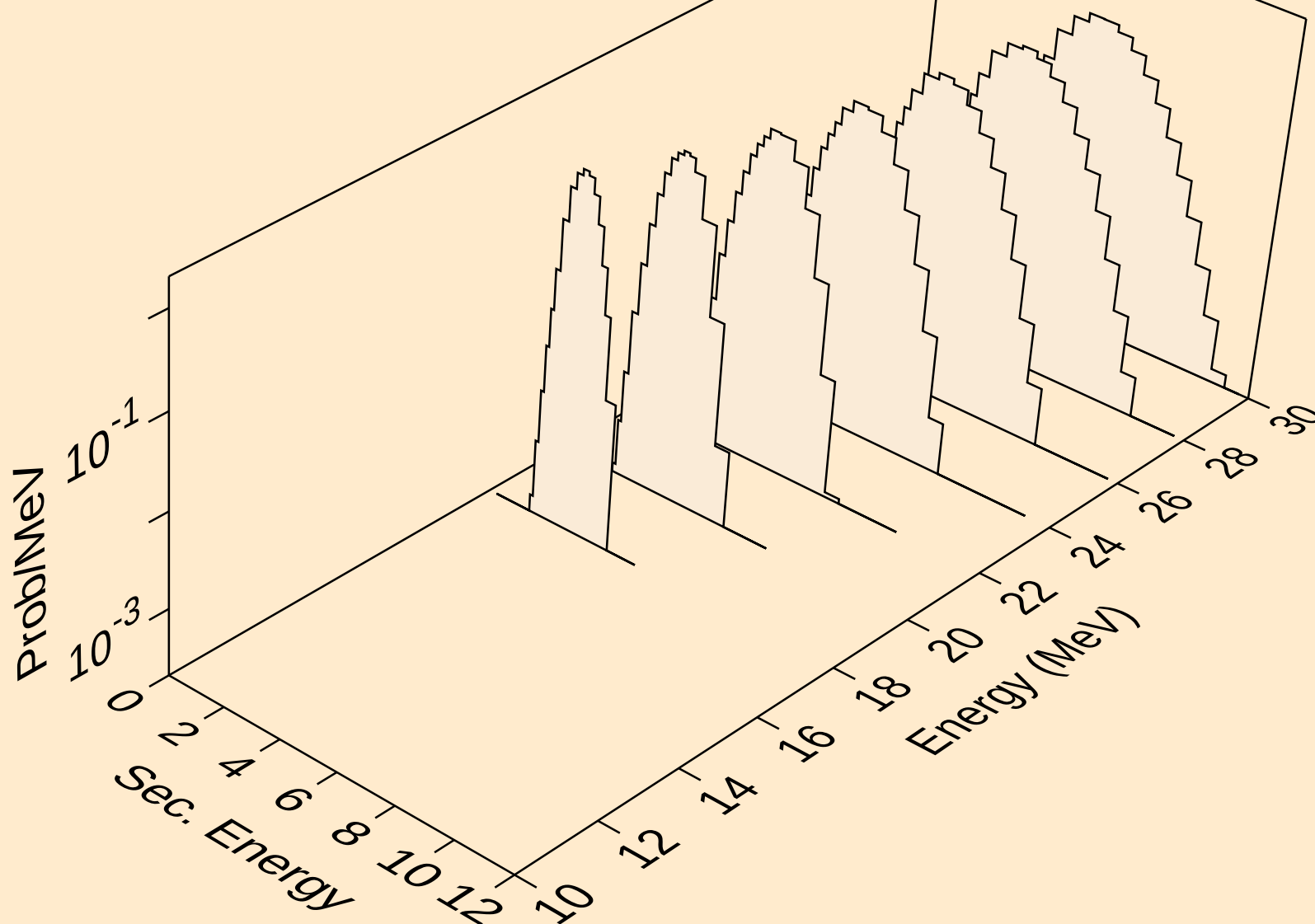


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pa)



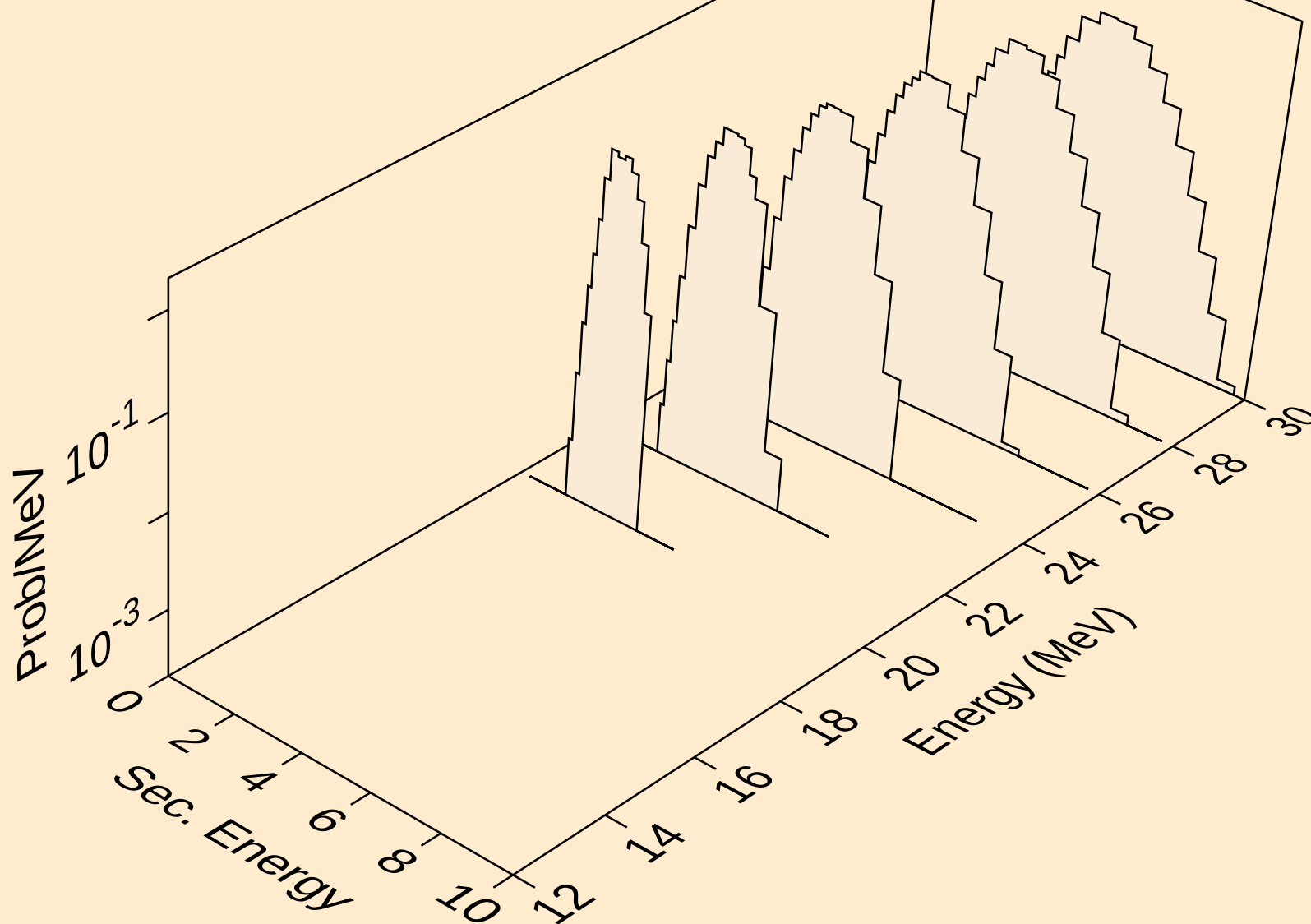
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pd)

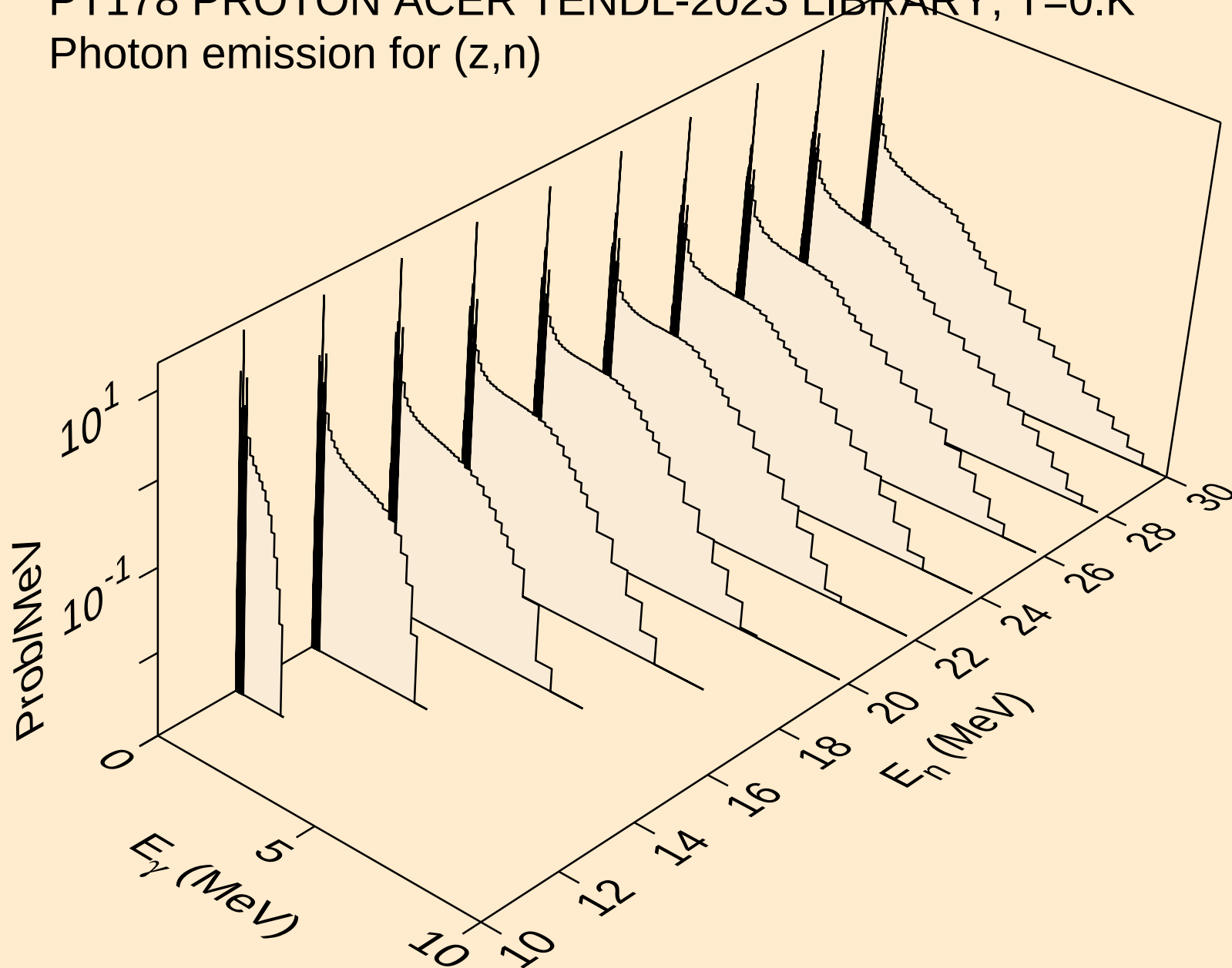


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pt)

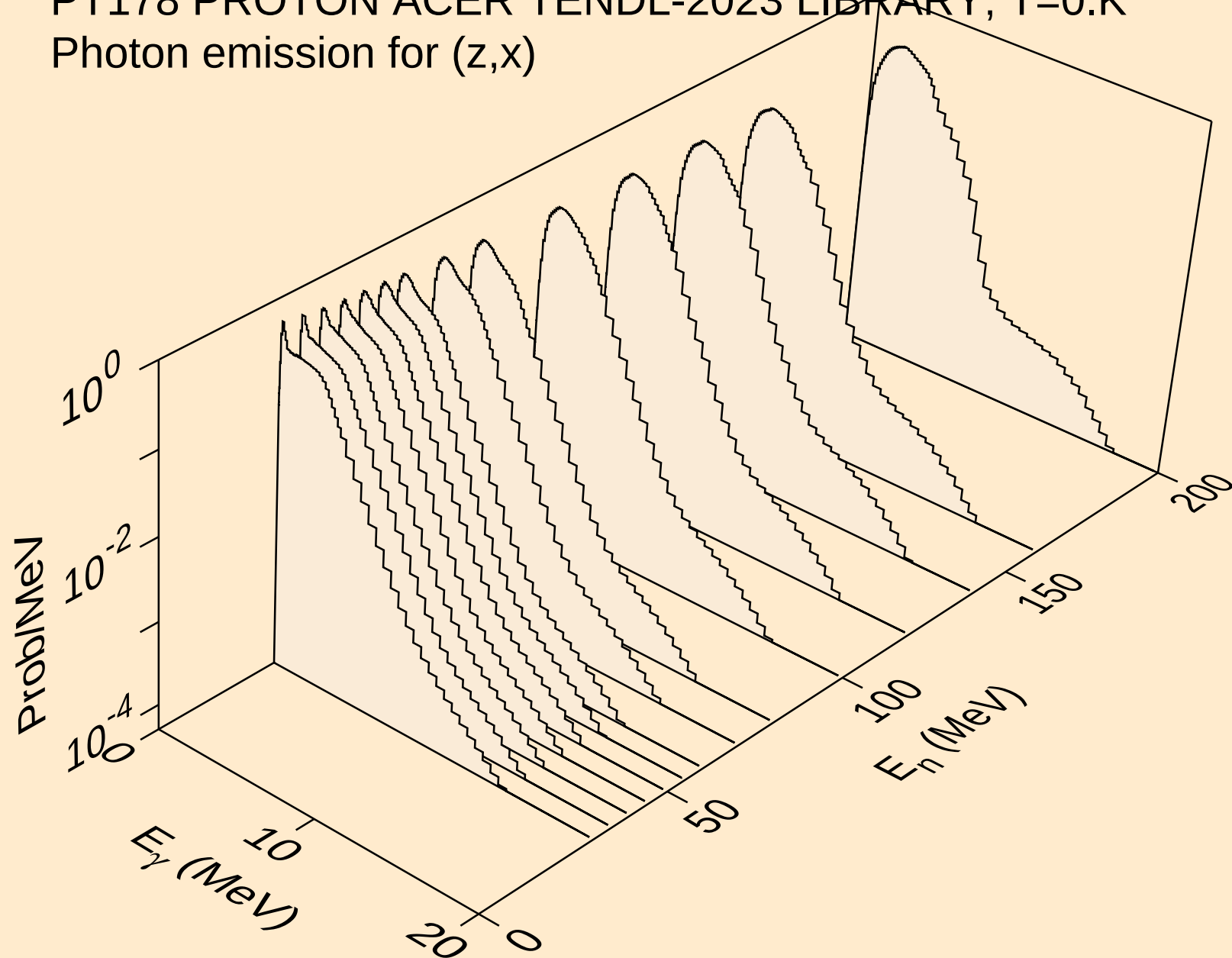


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

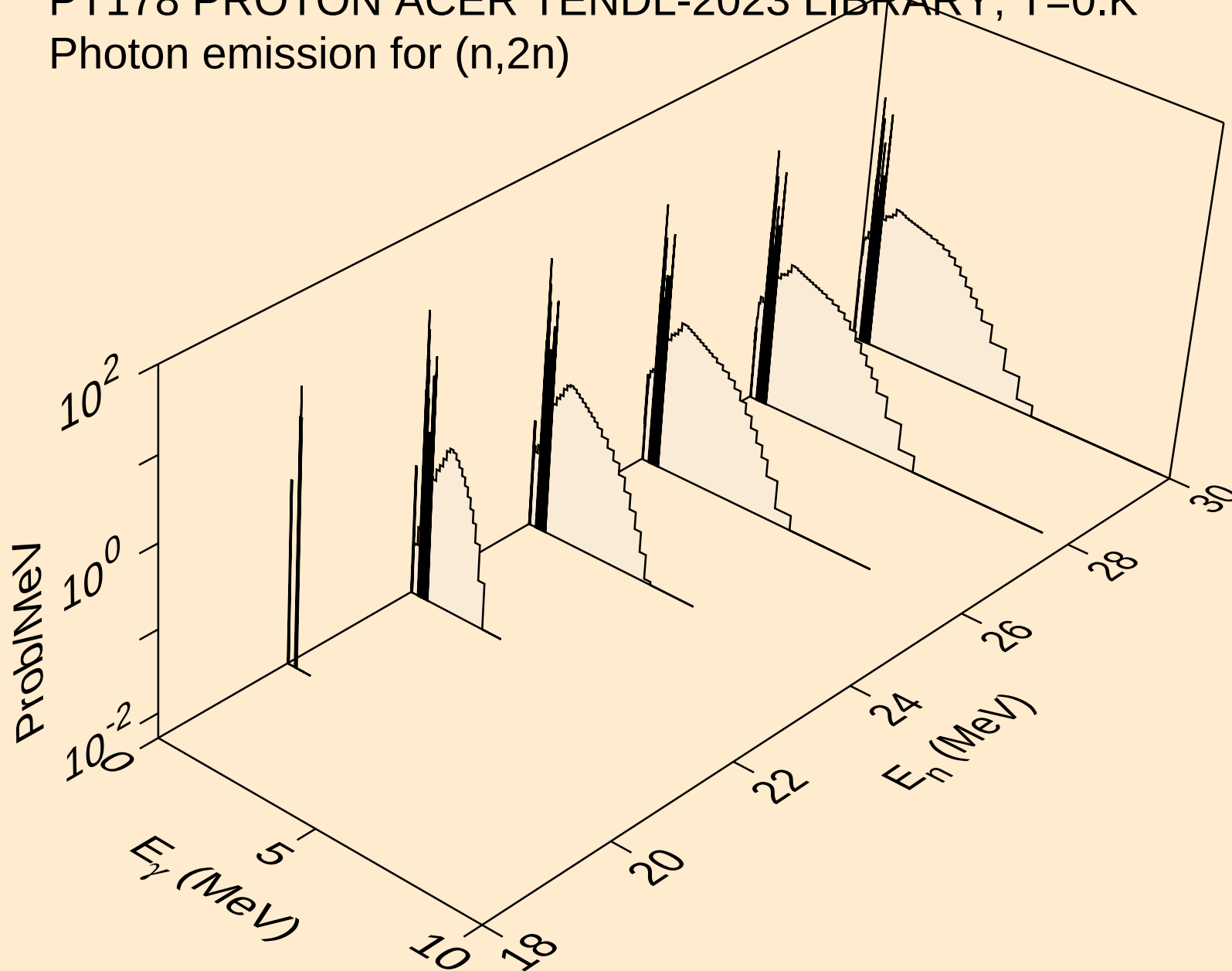


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,x)

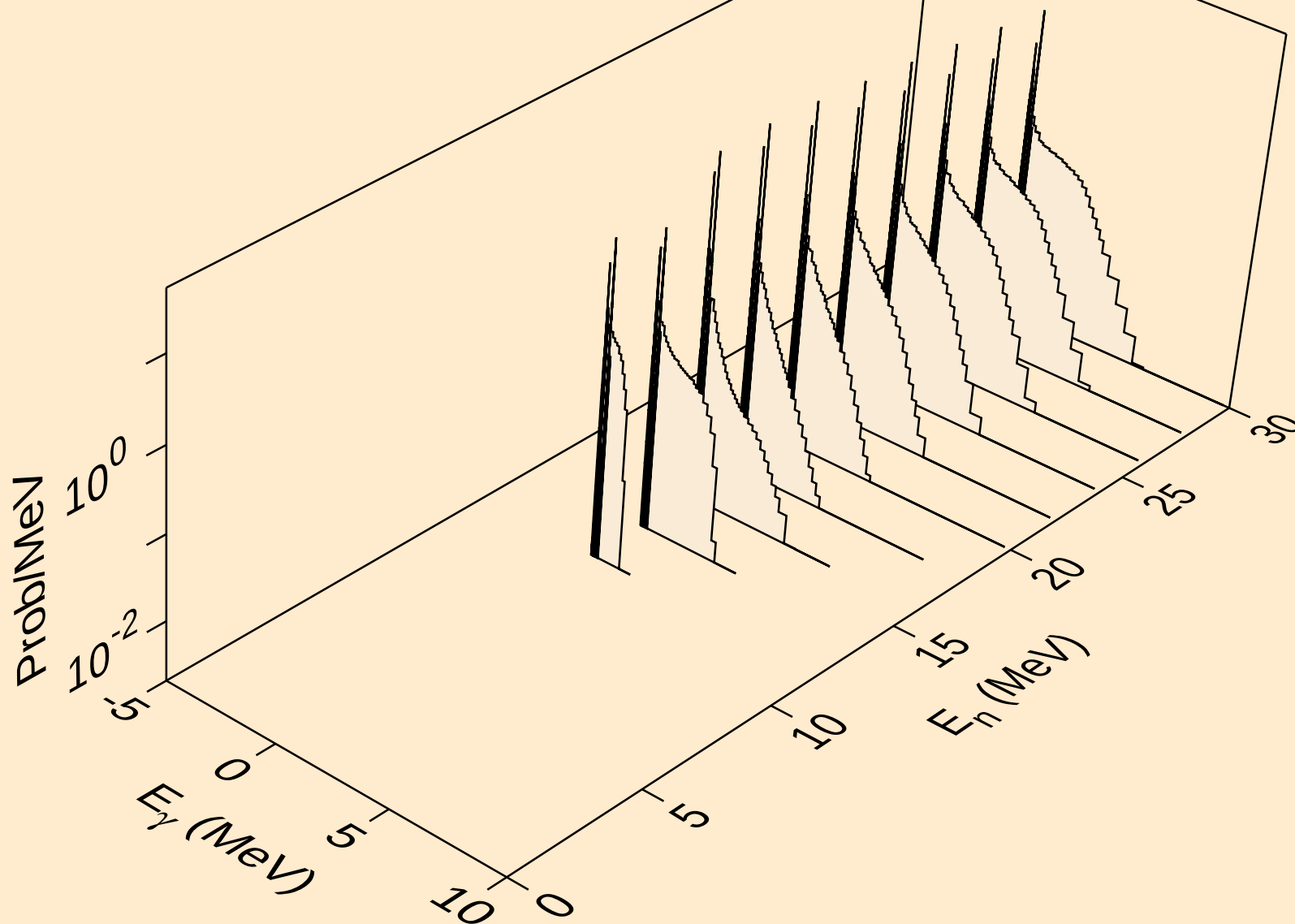


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



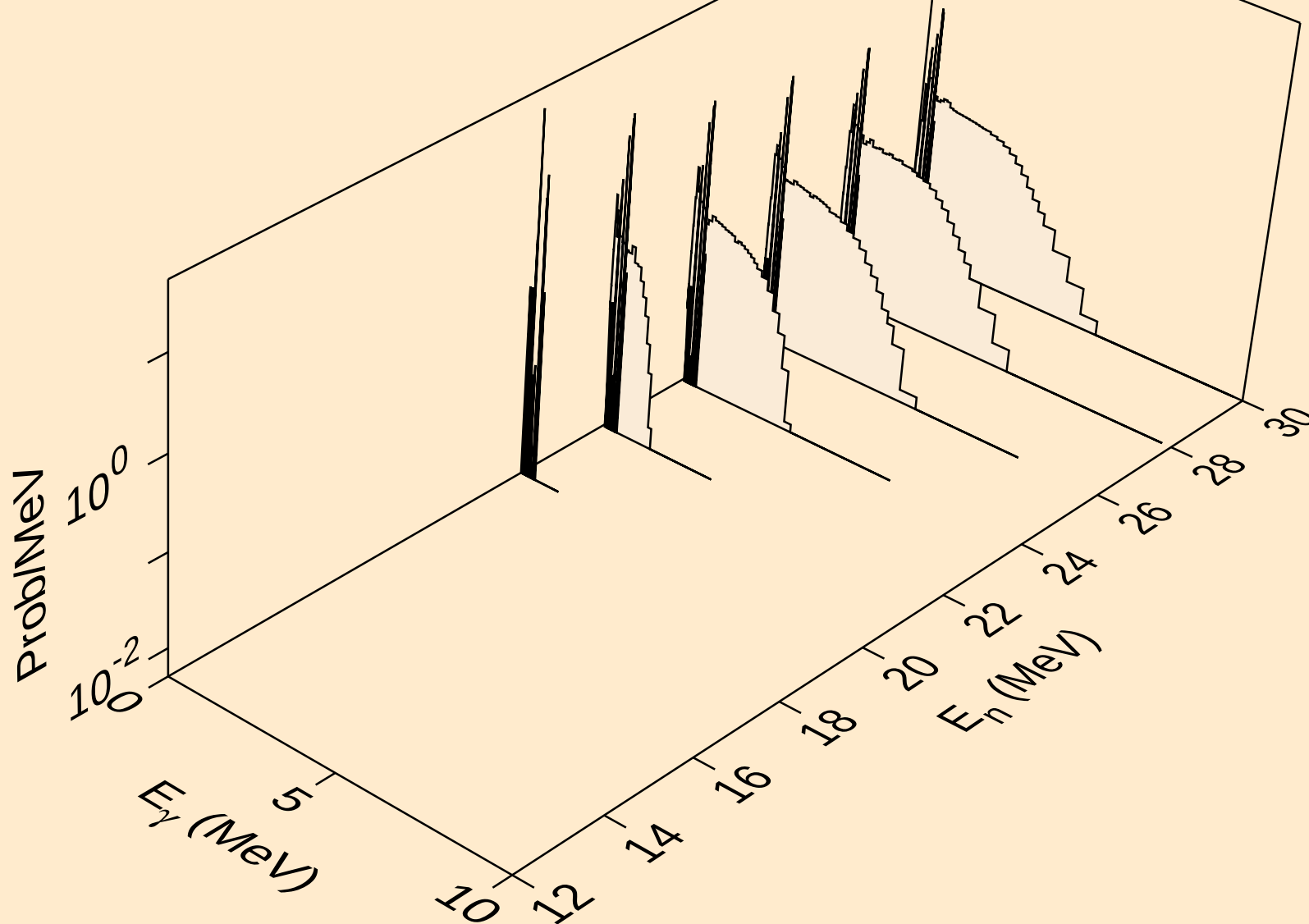
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



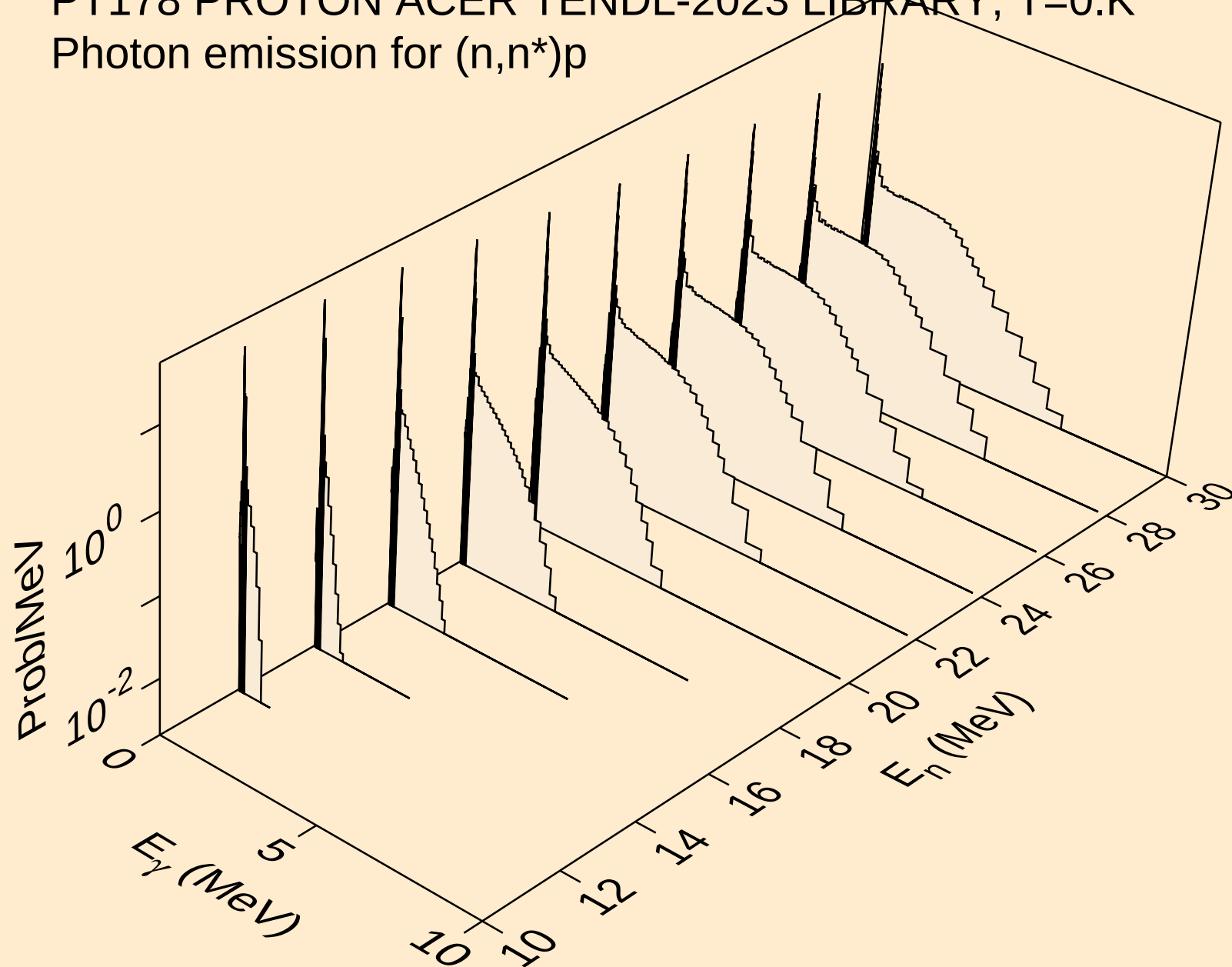
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α

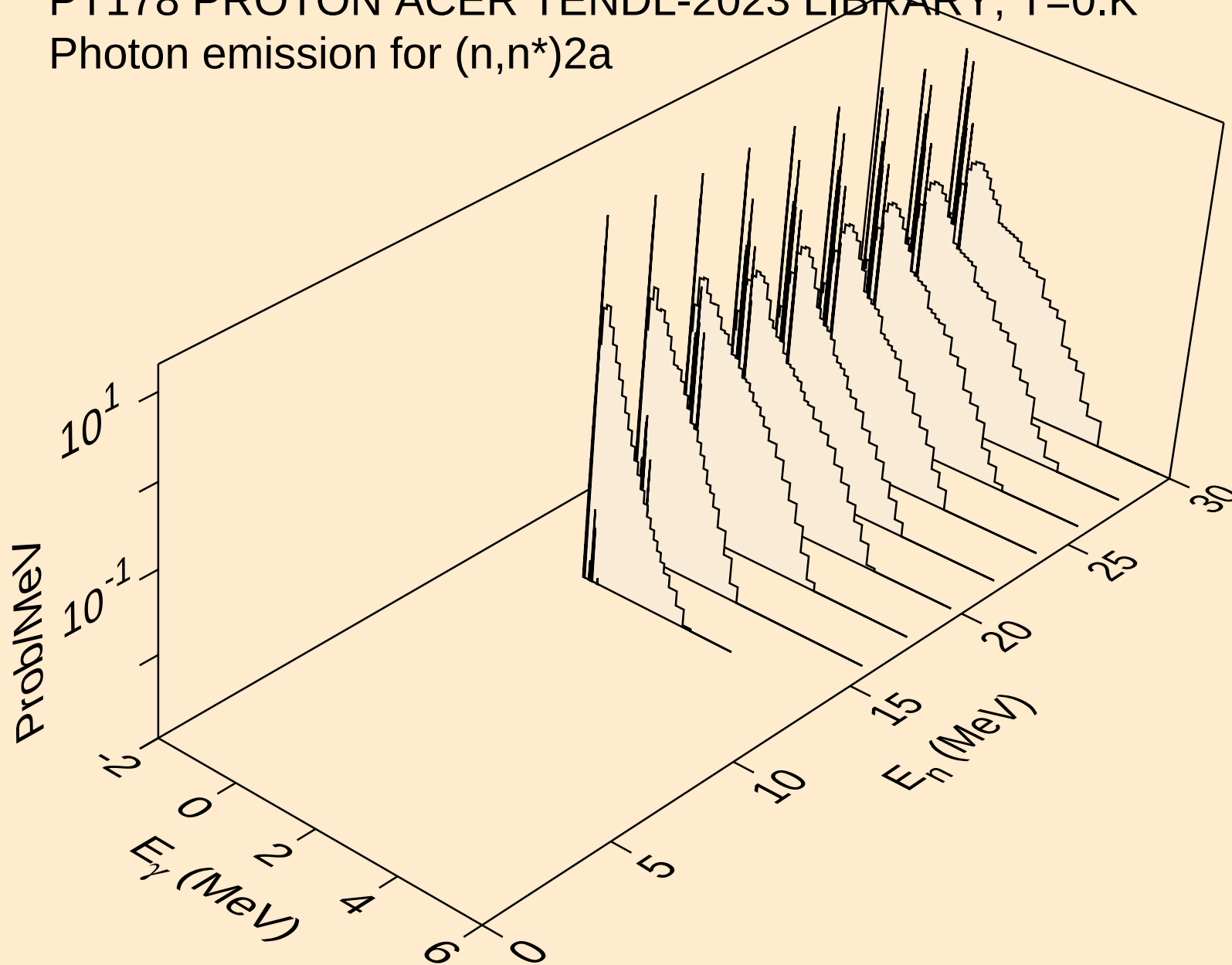


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p

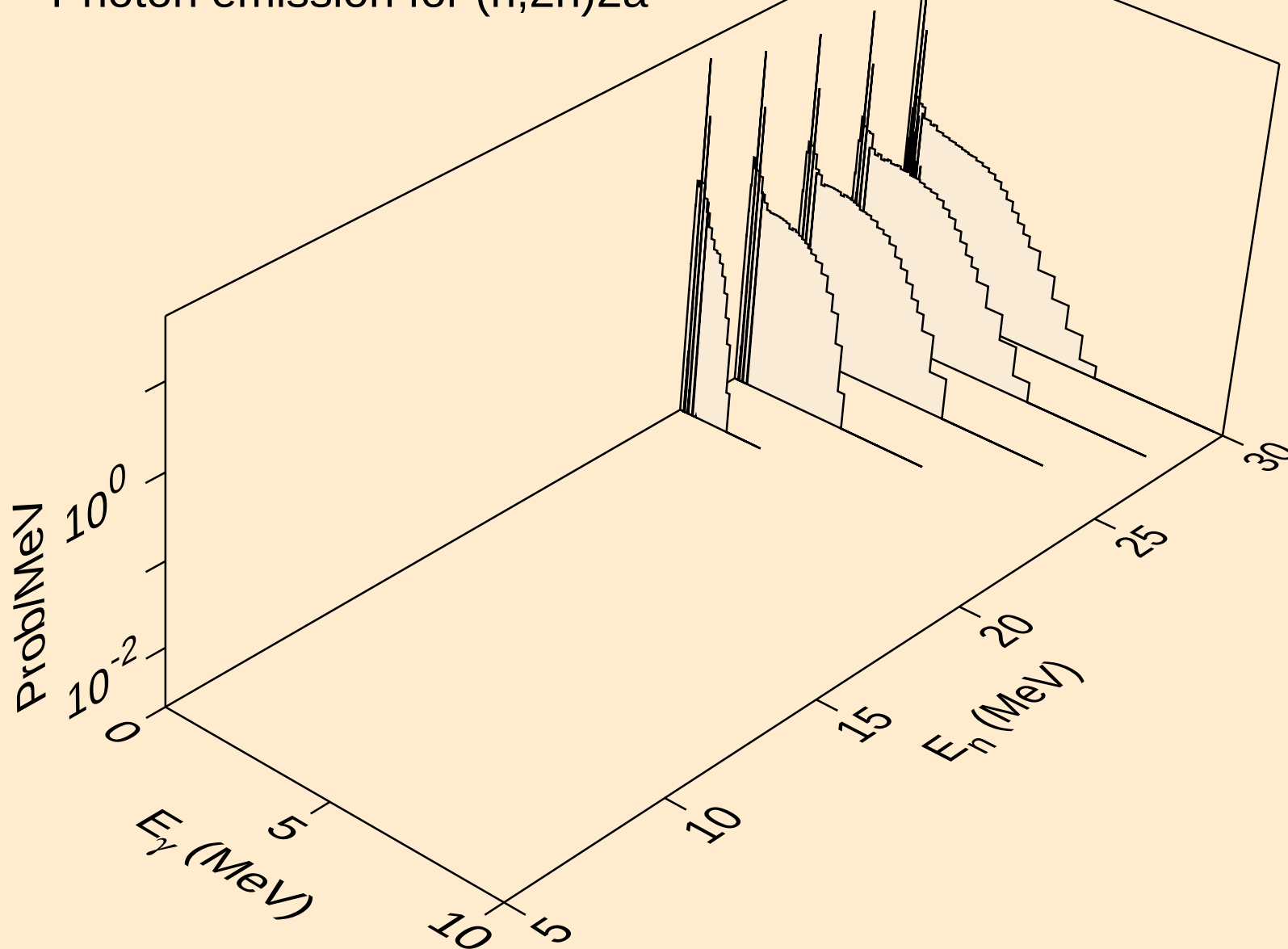


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



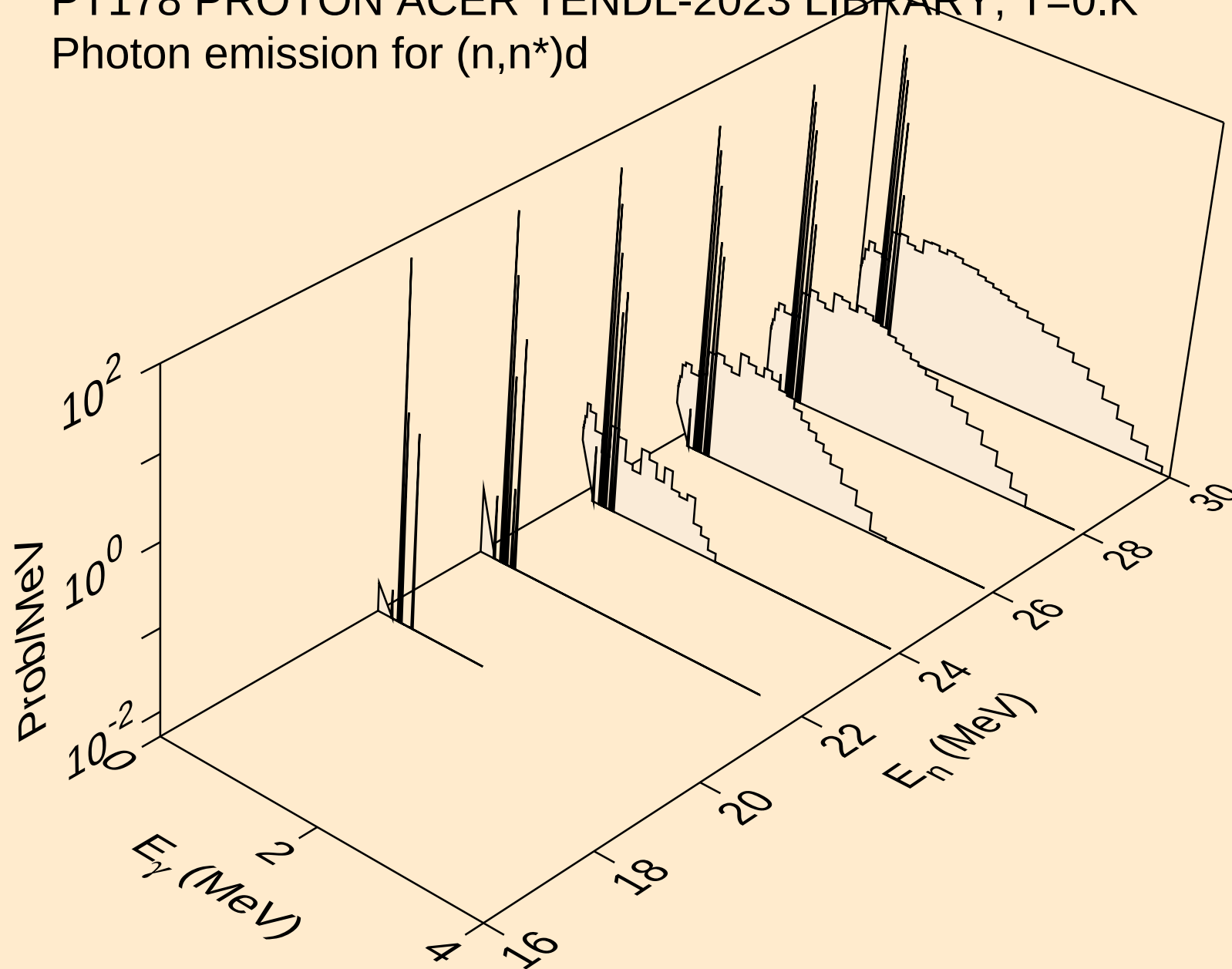
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n)2a



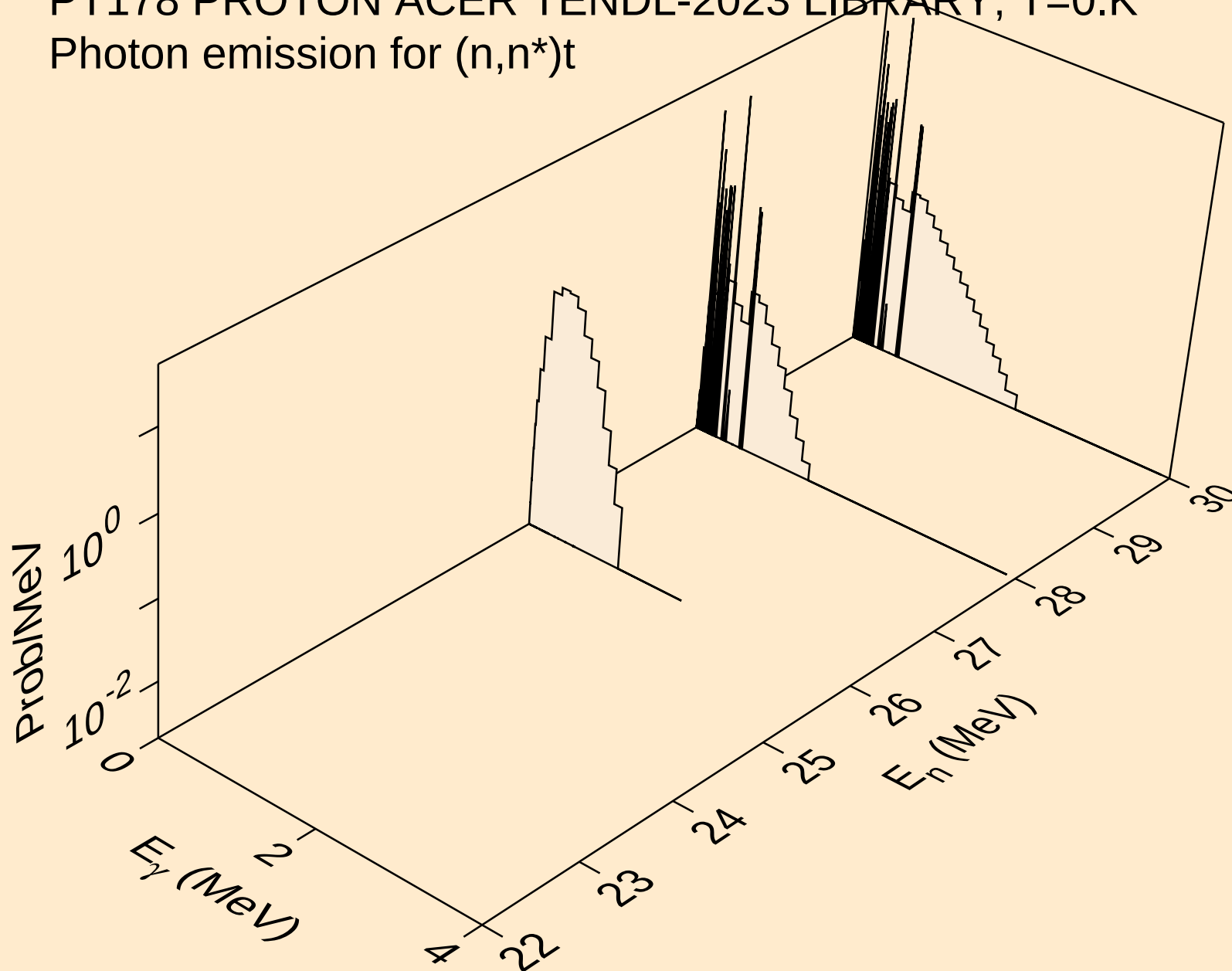
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d



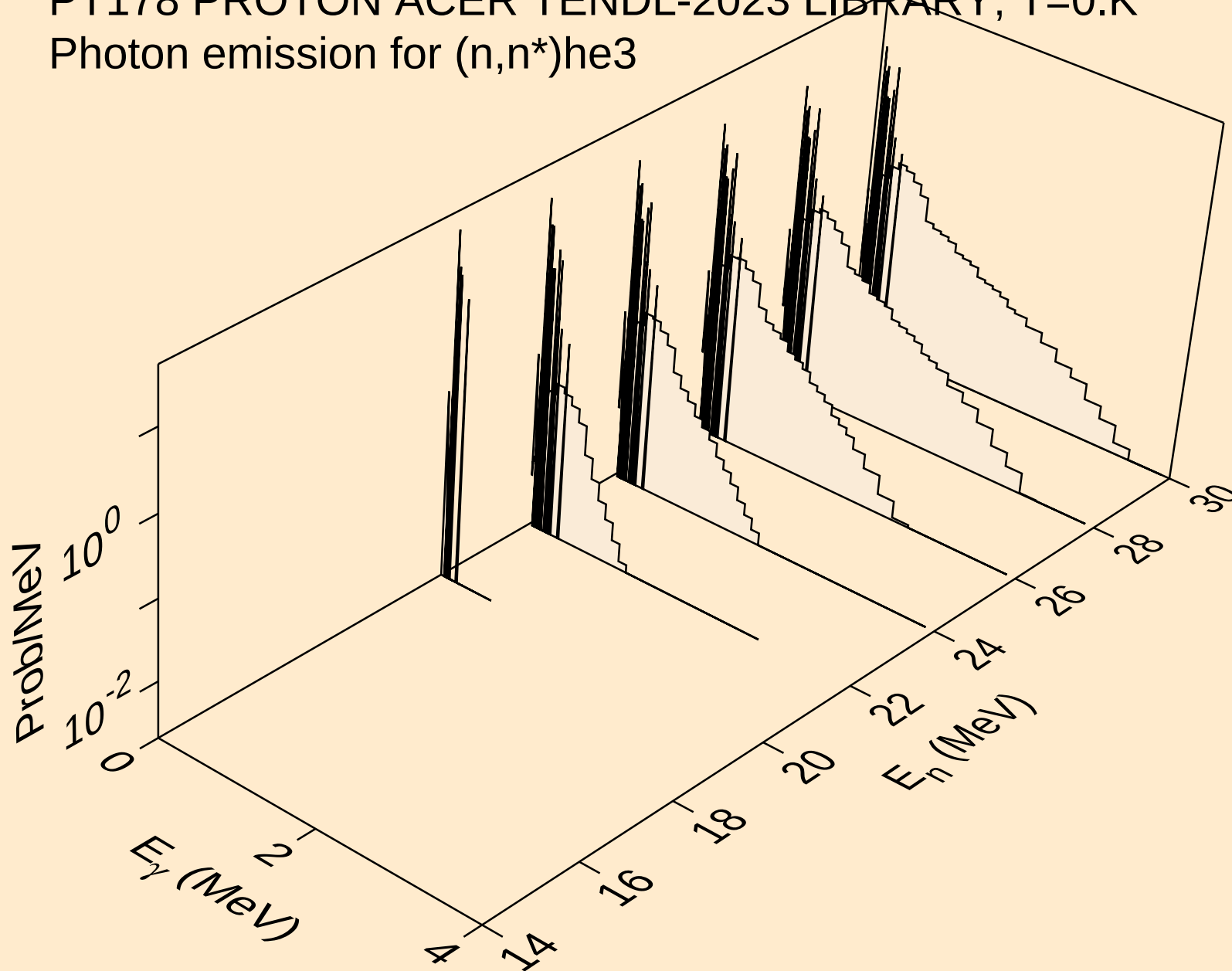
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)t

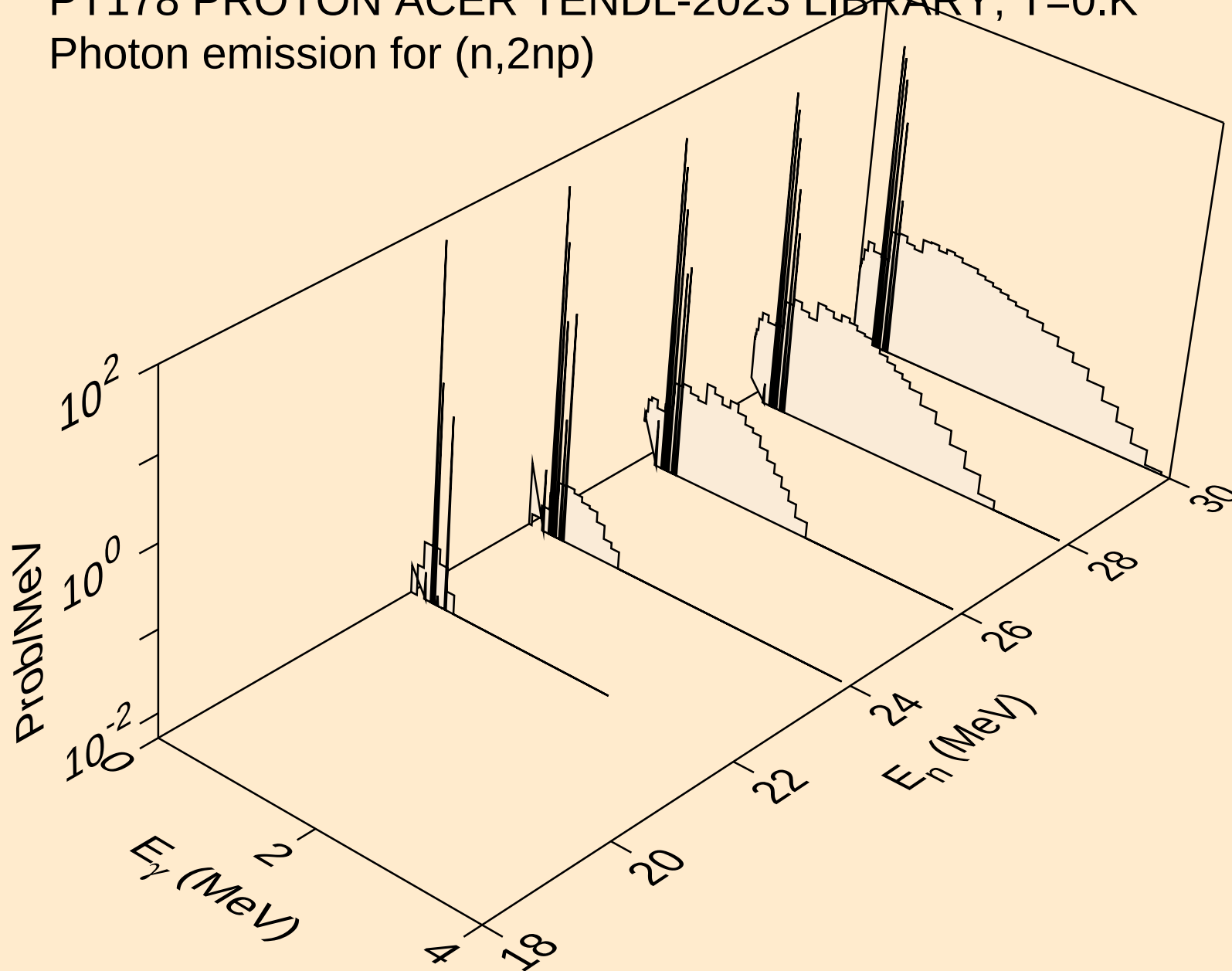


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

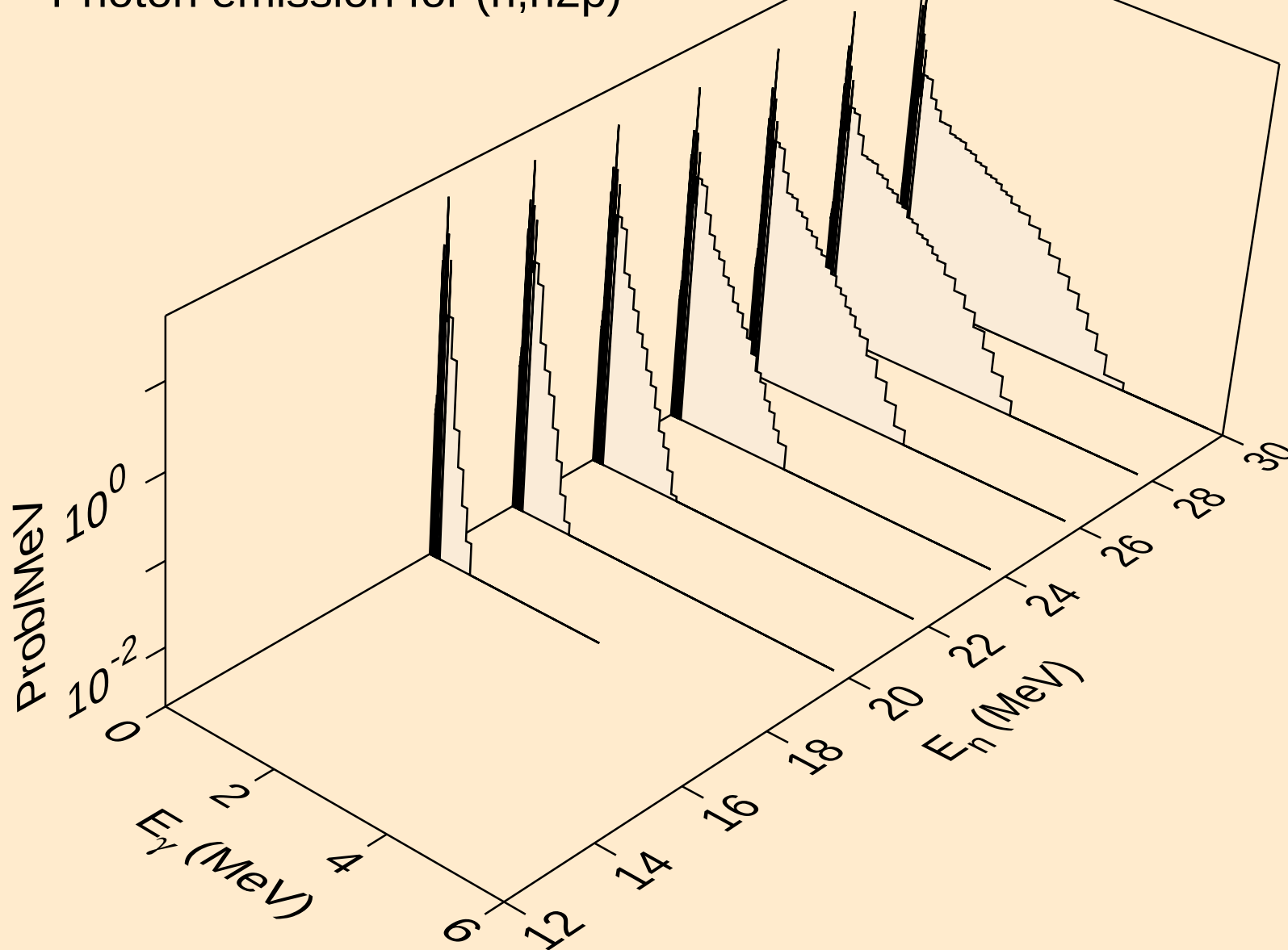
Photon emission for (n,n*)he3



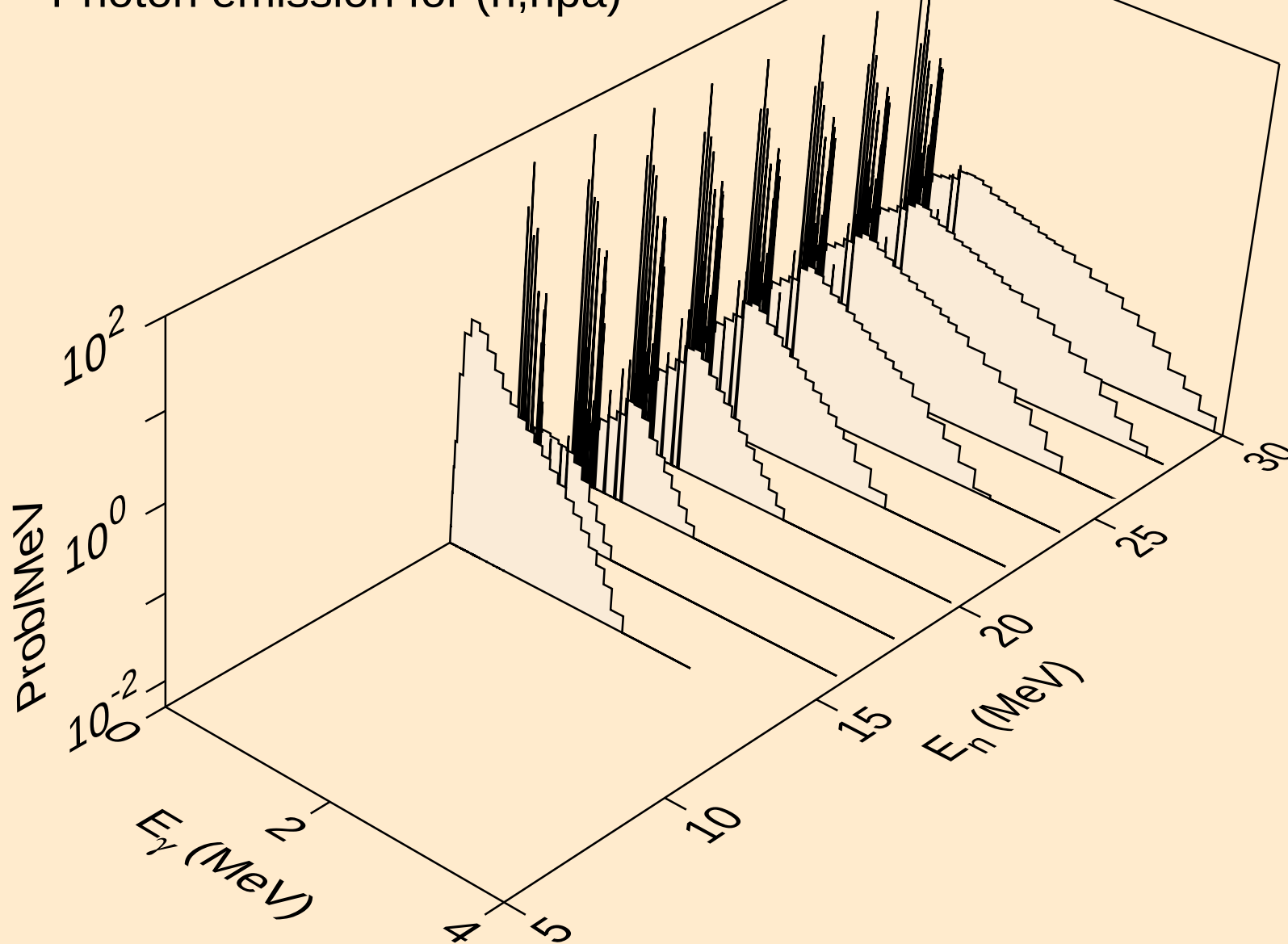
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



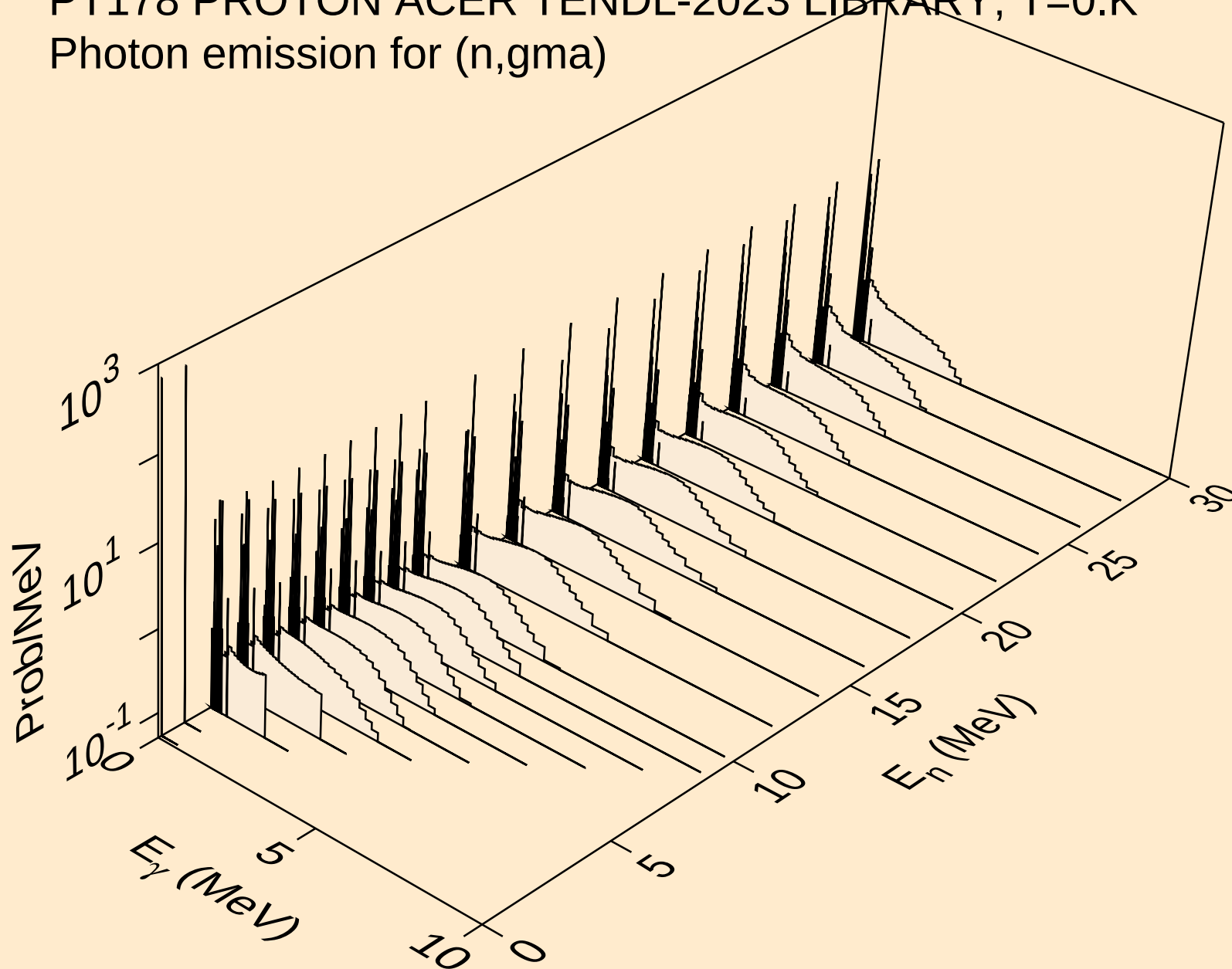
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



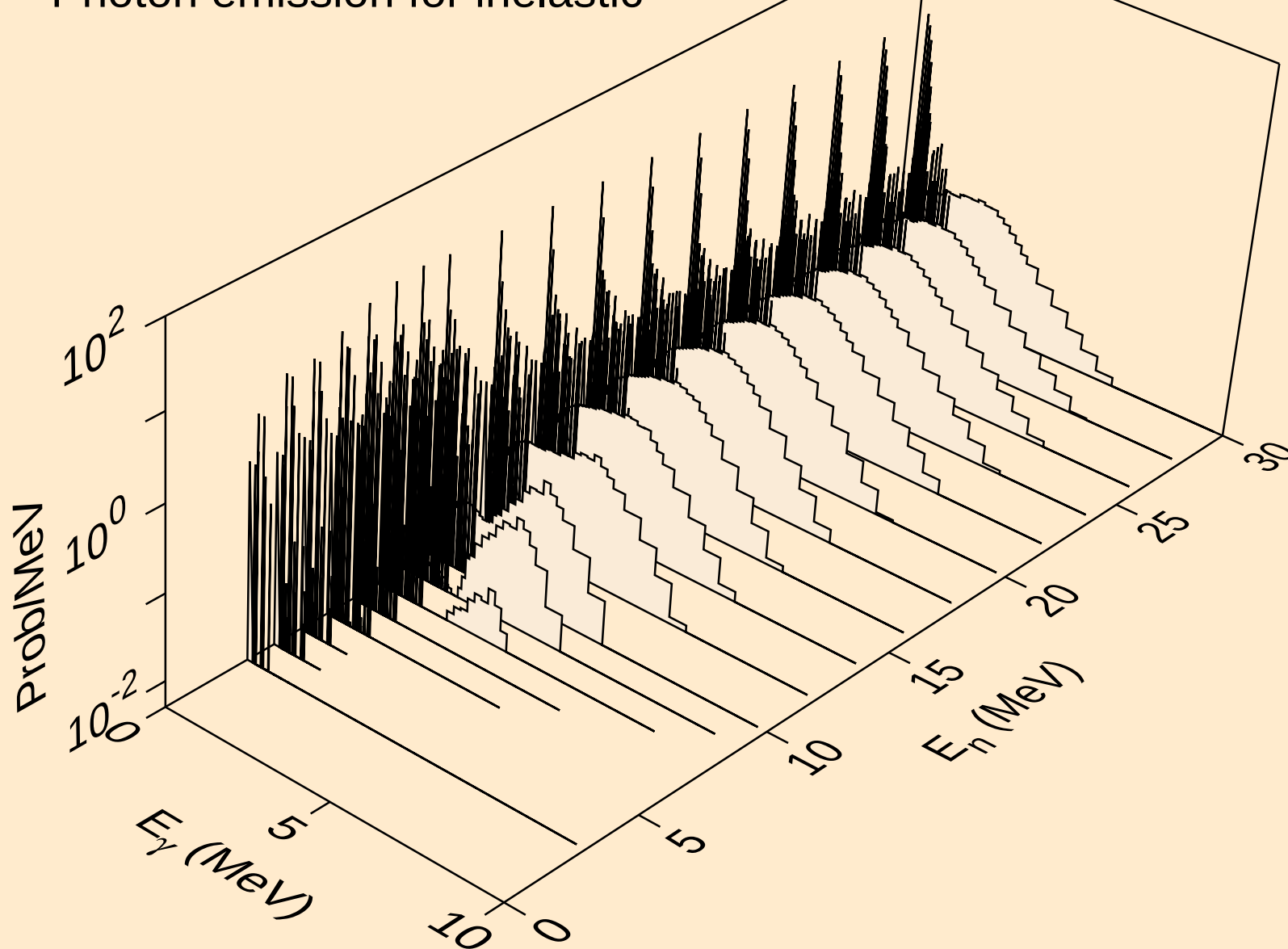
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



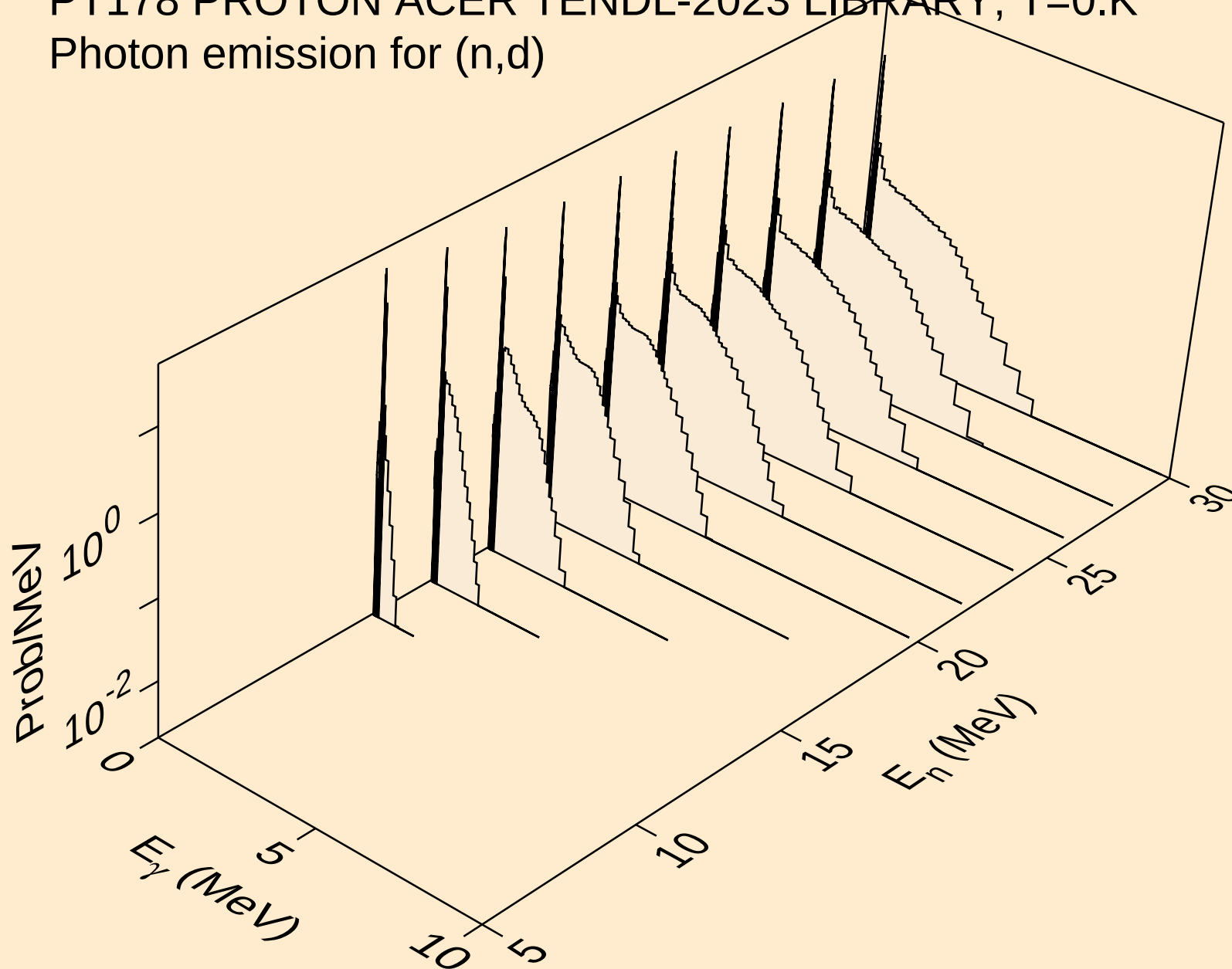
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



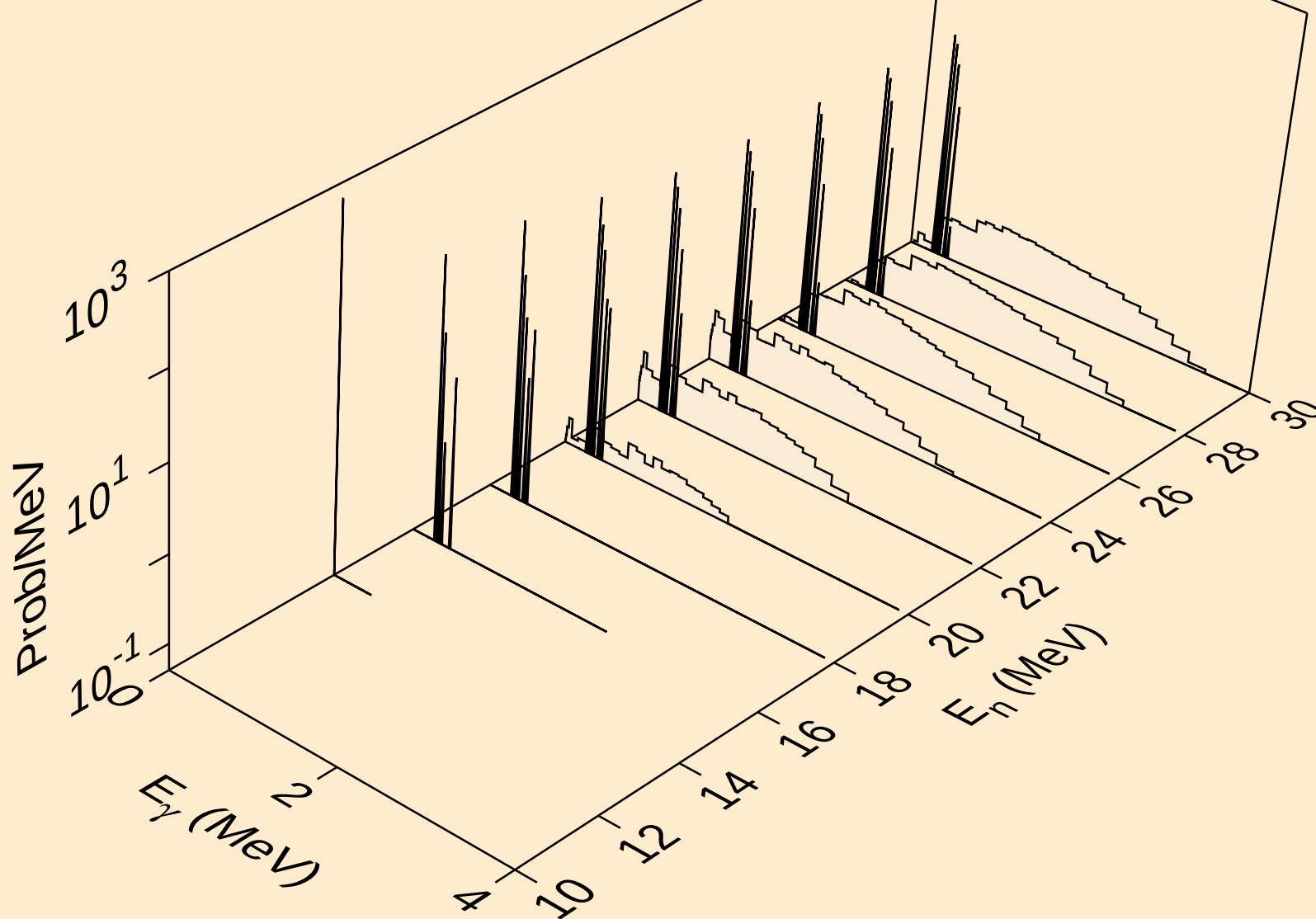
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



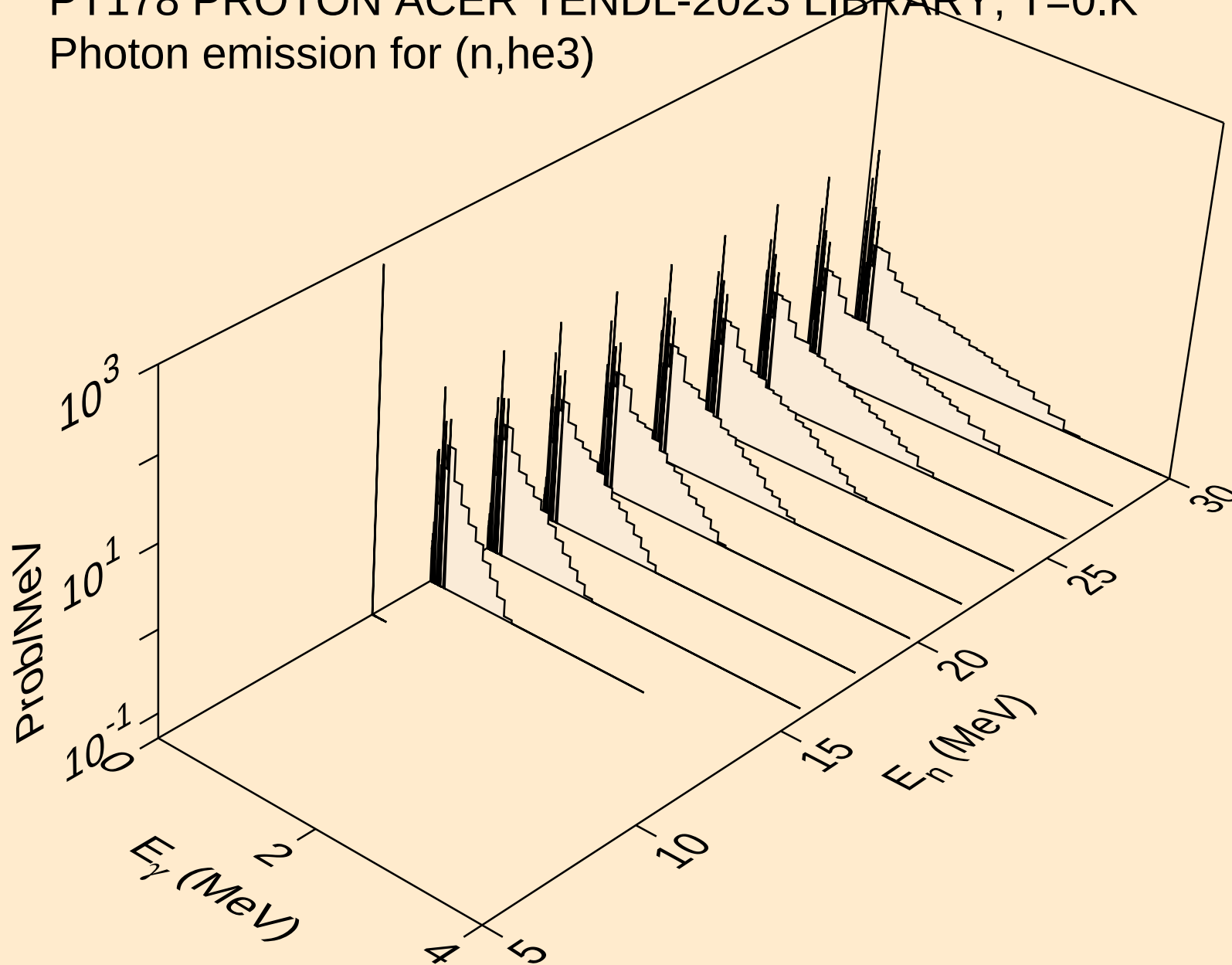
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



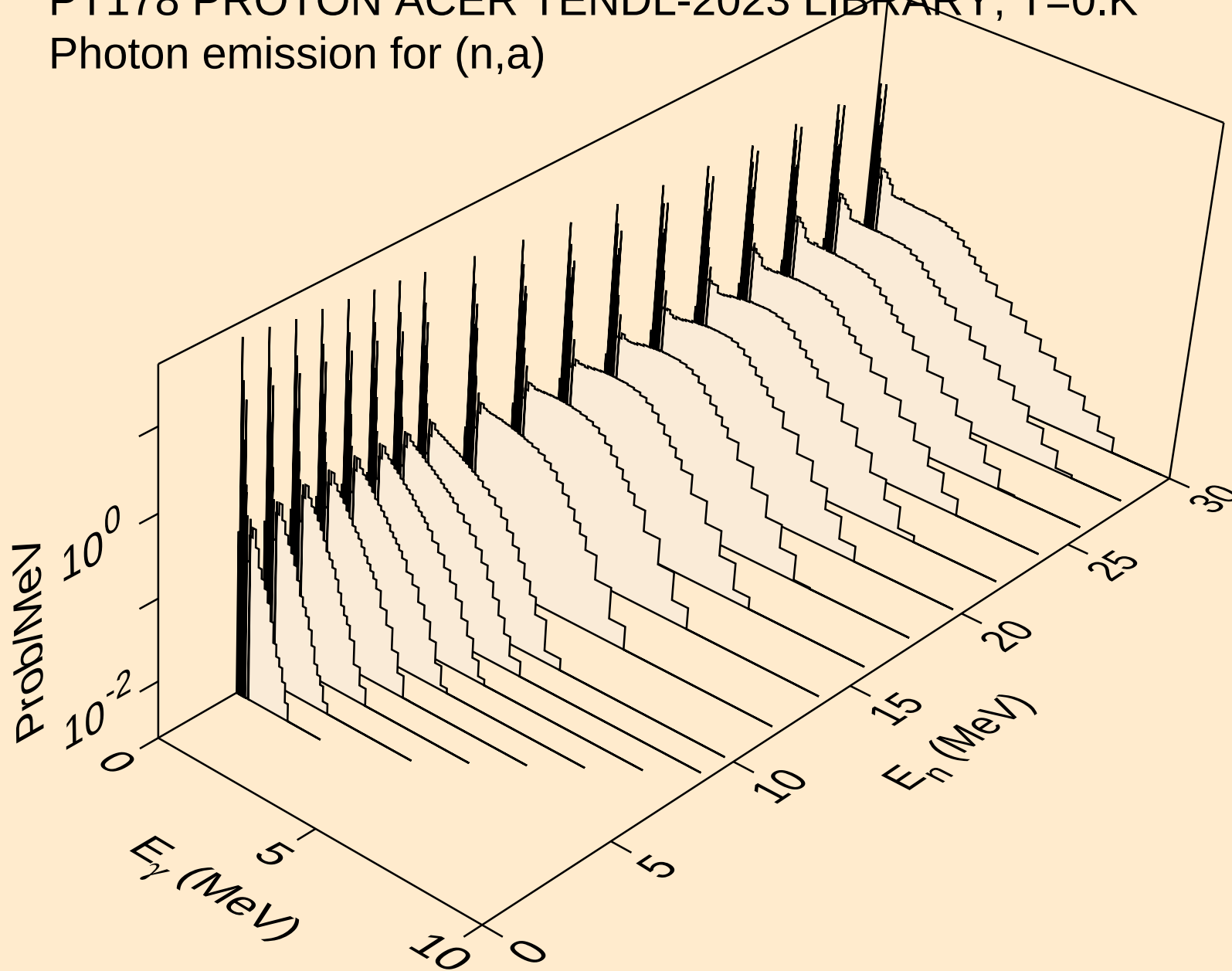
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



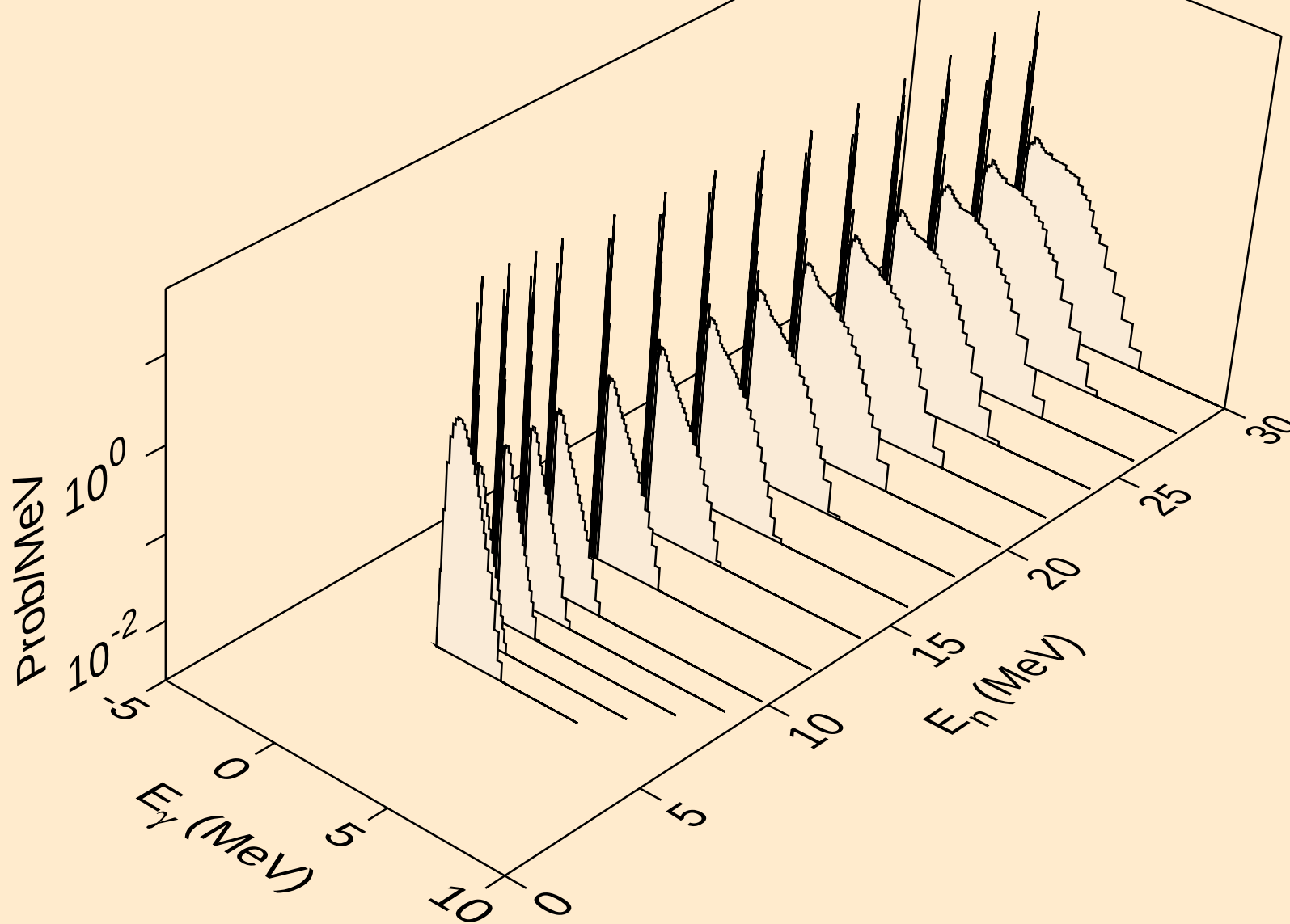
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



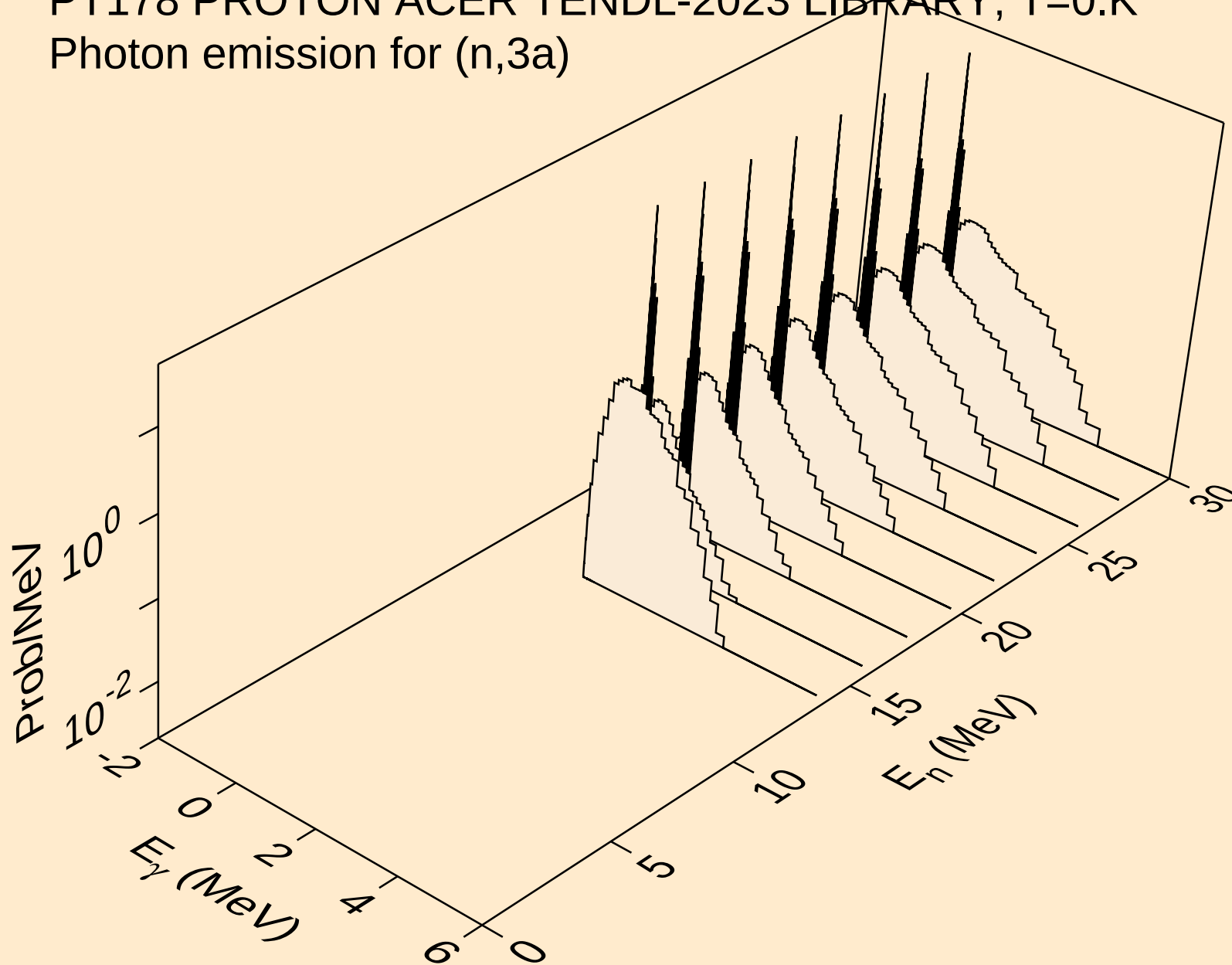
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



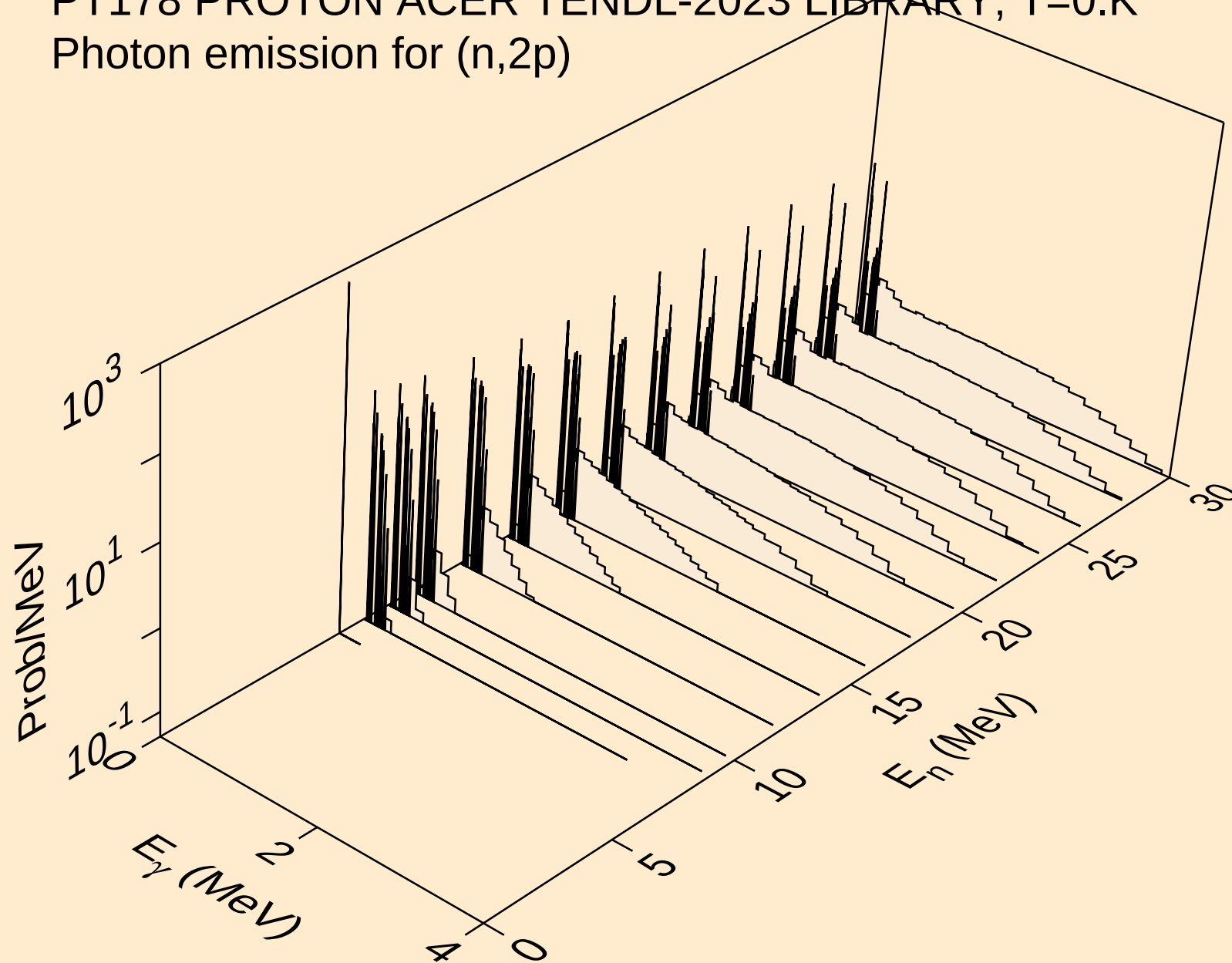
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



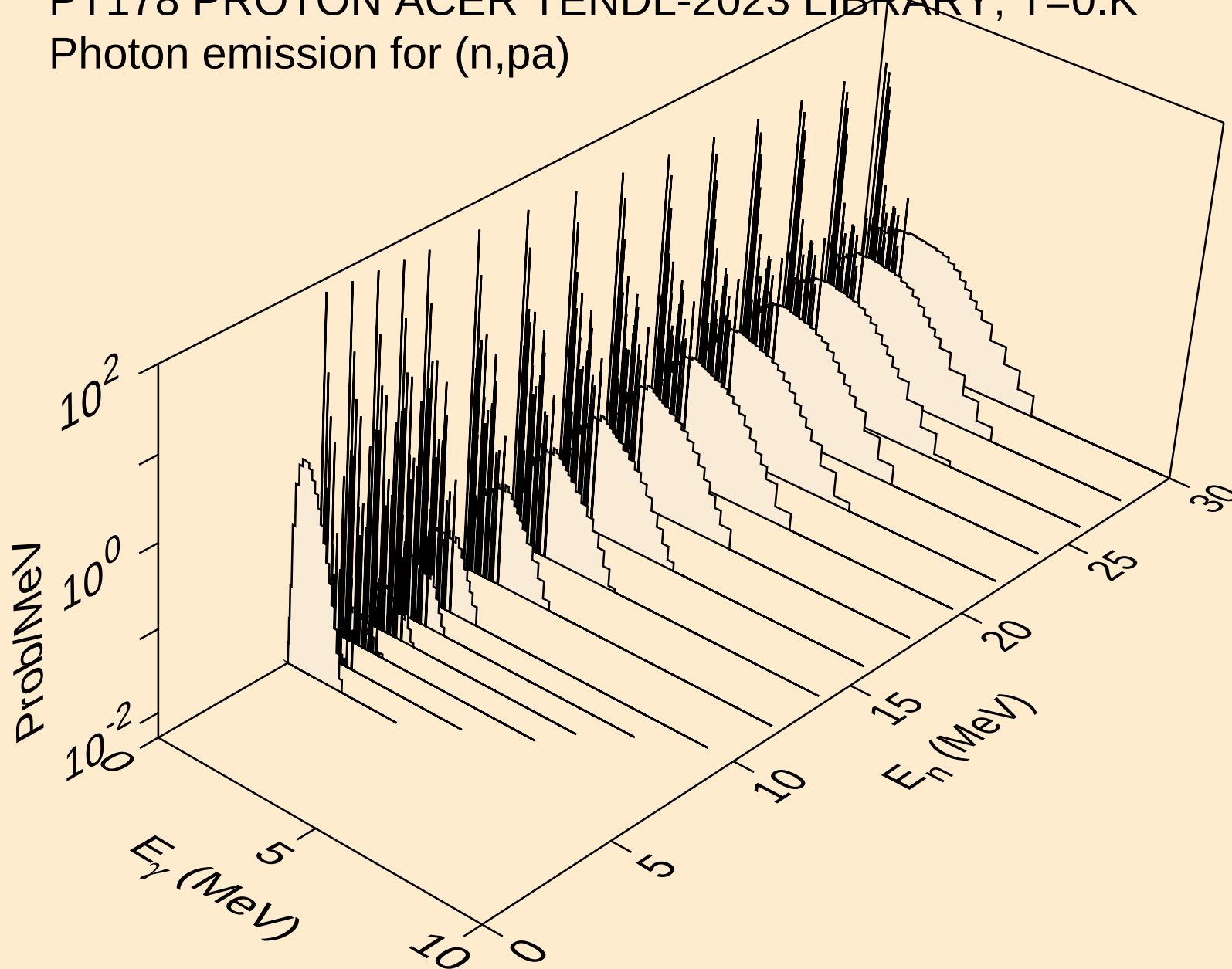
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



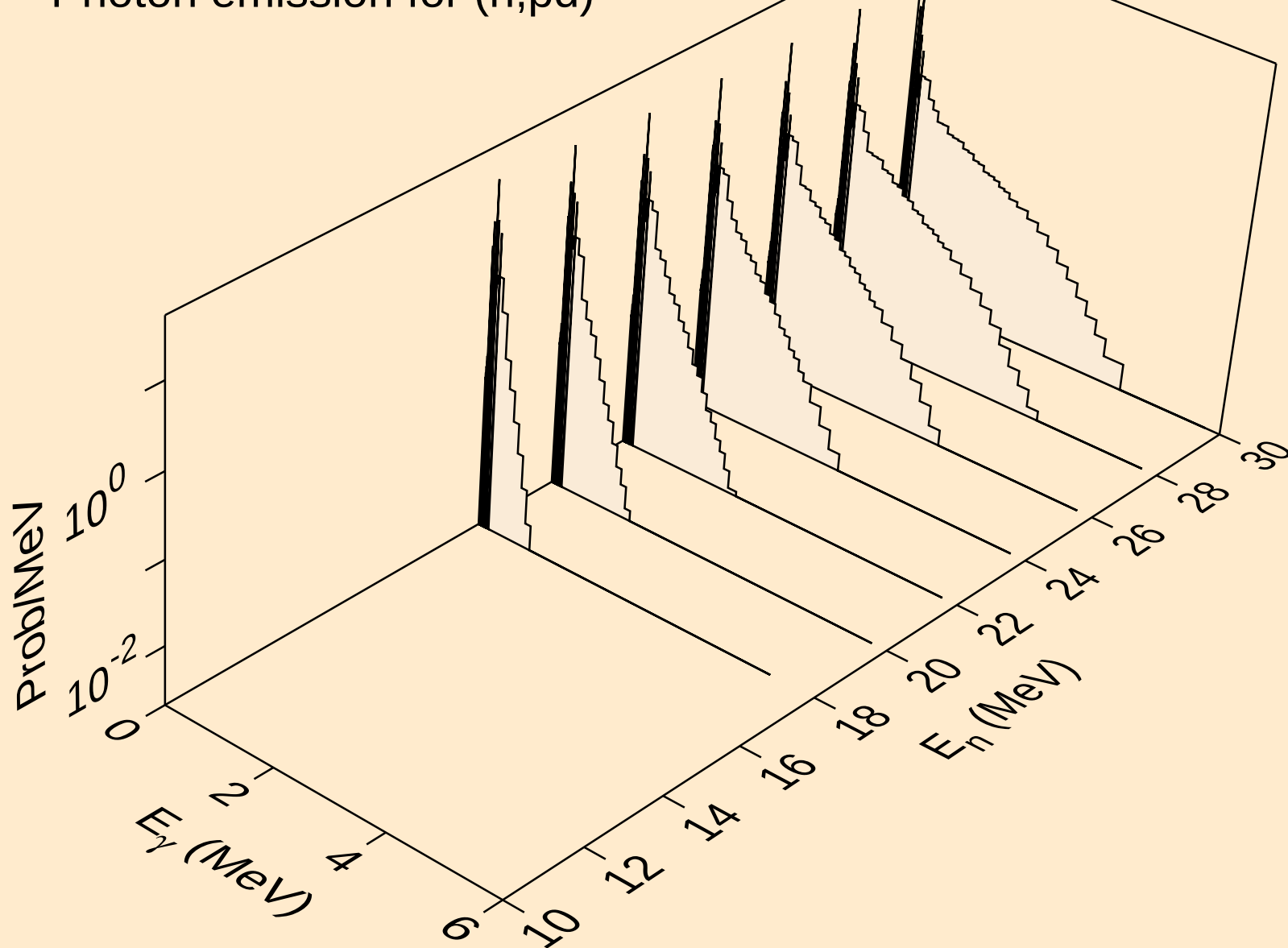
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)

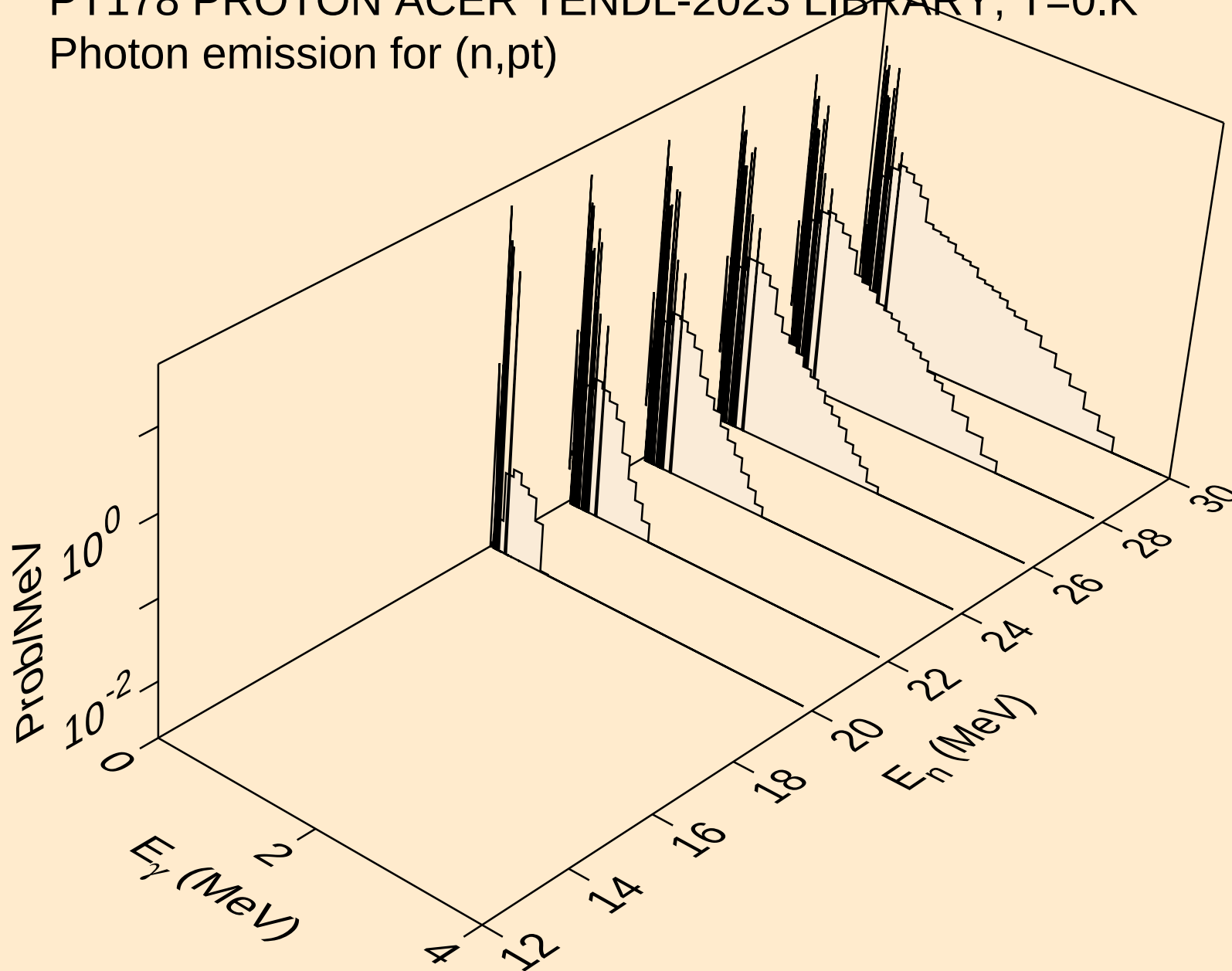


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

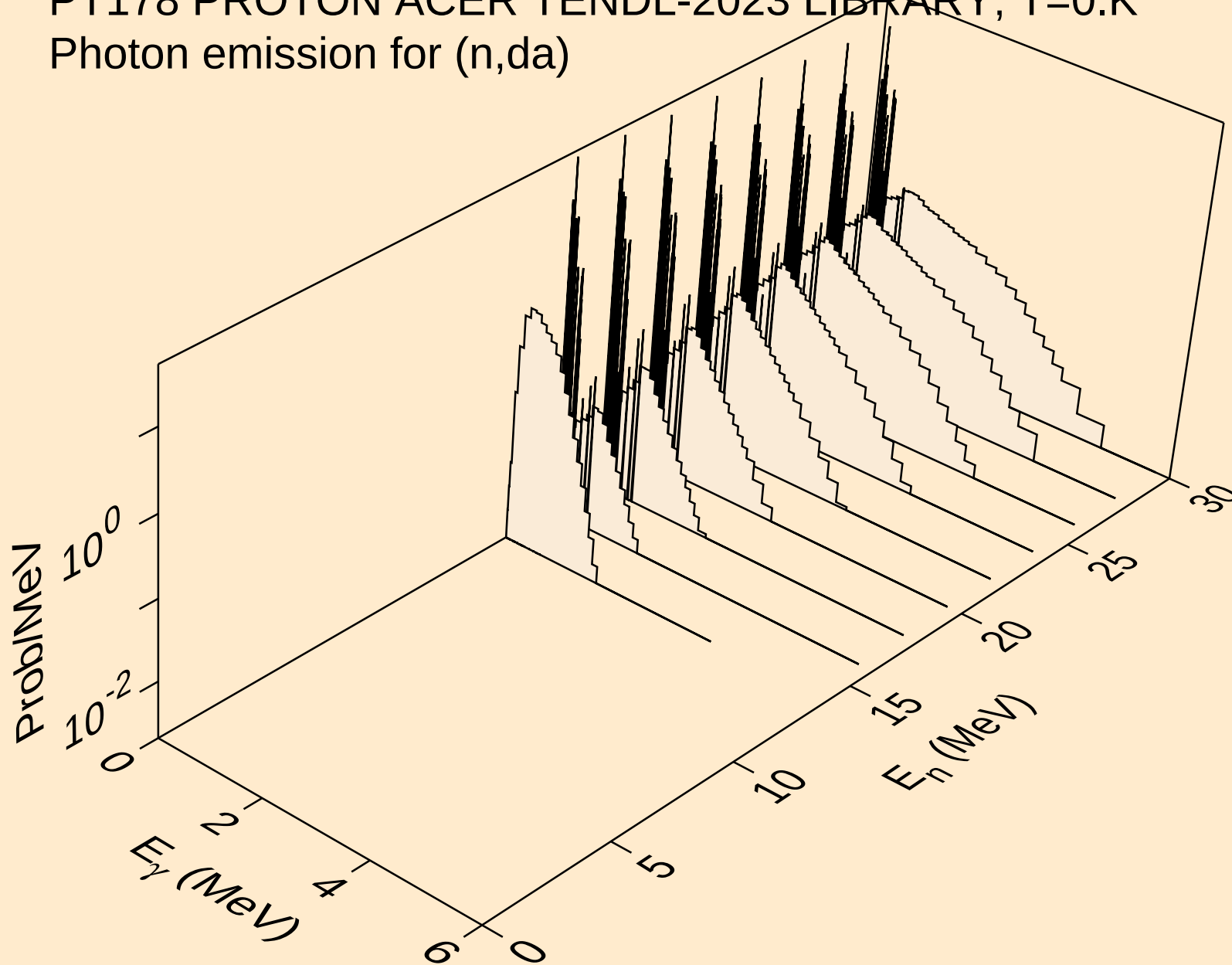


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

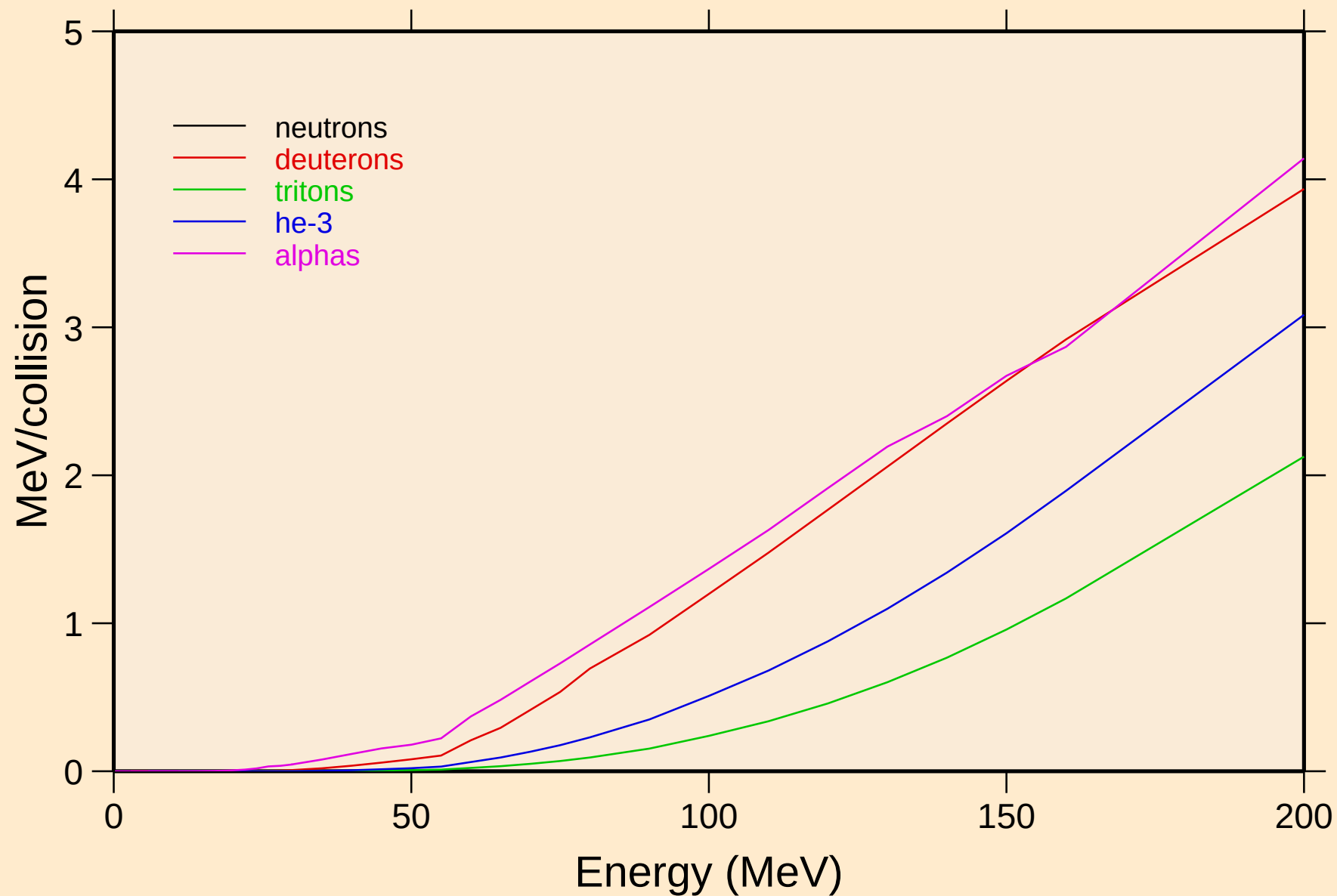


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



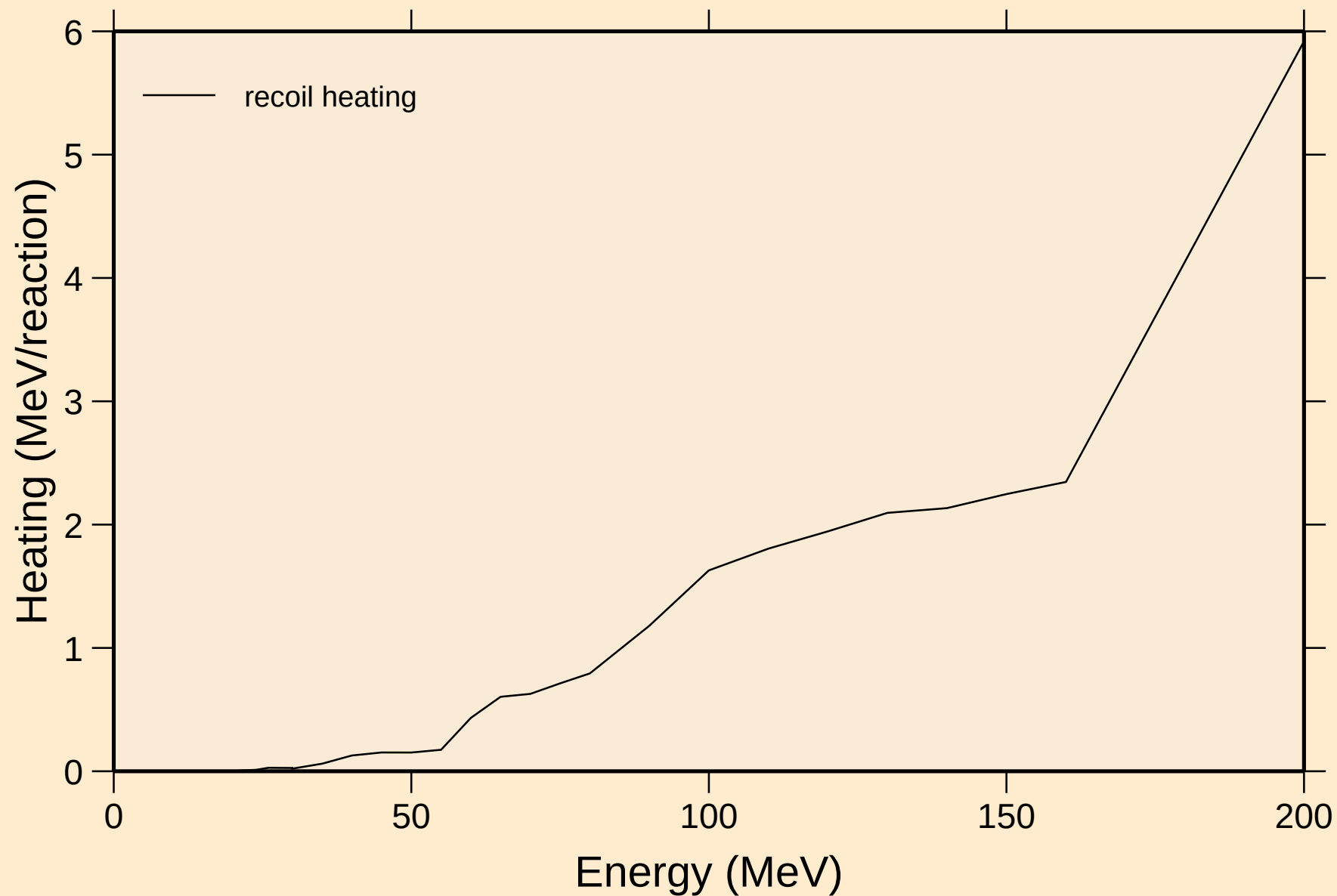
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



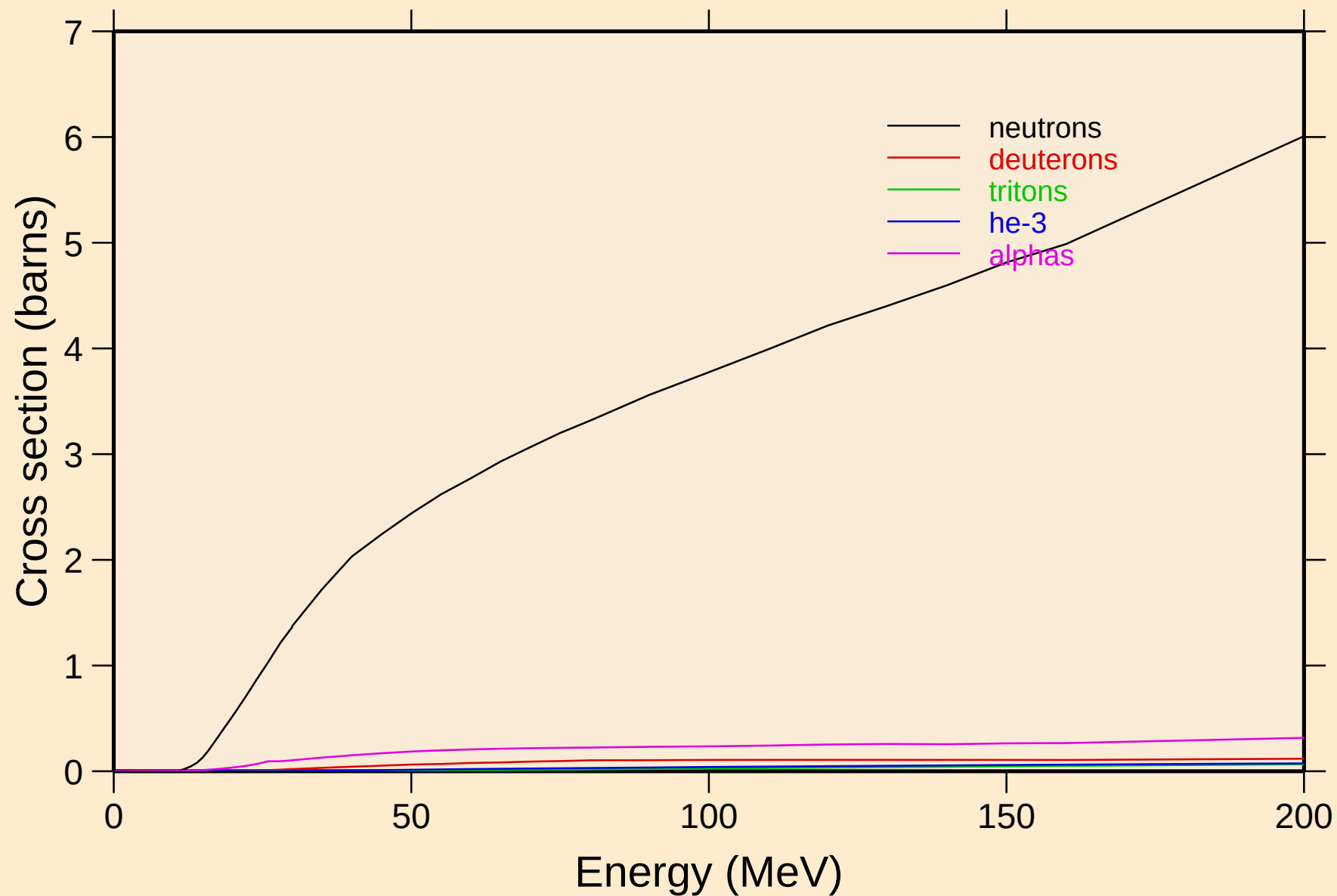
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

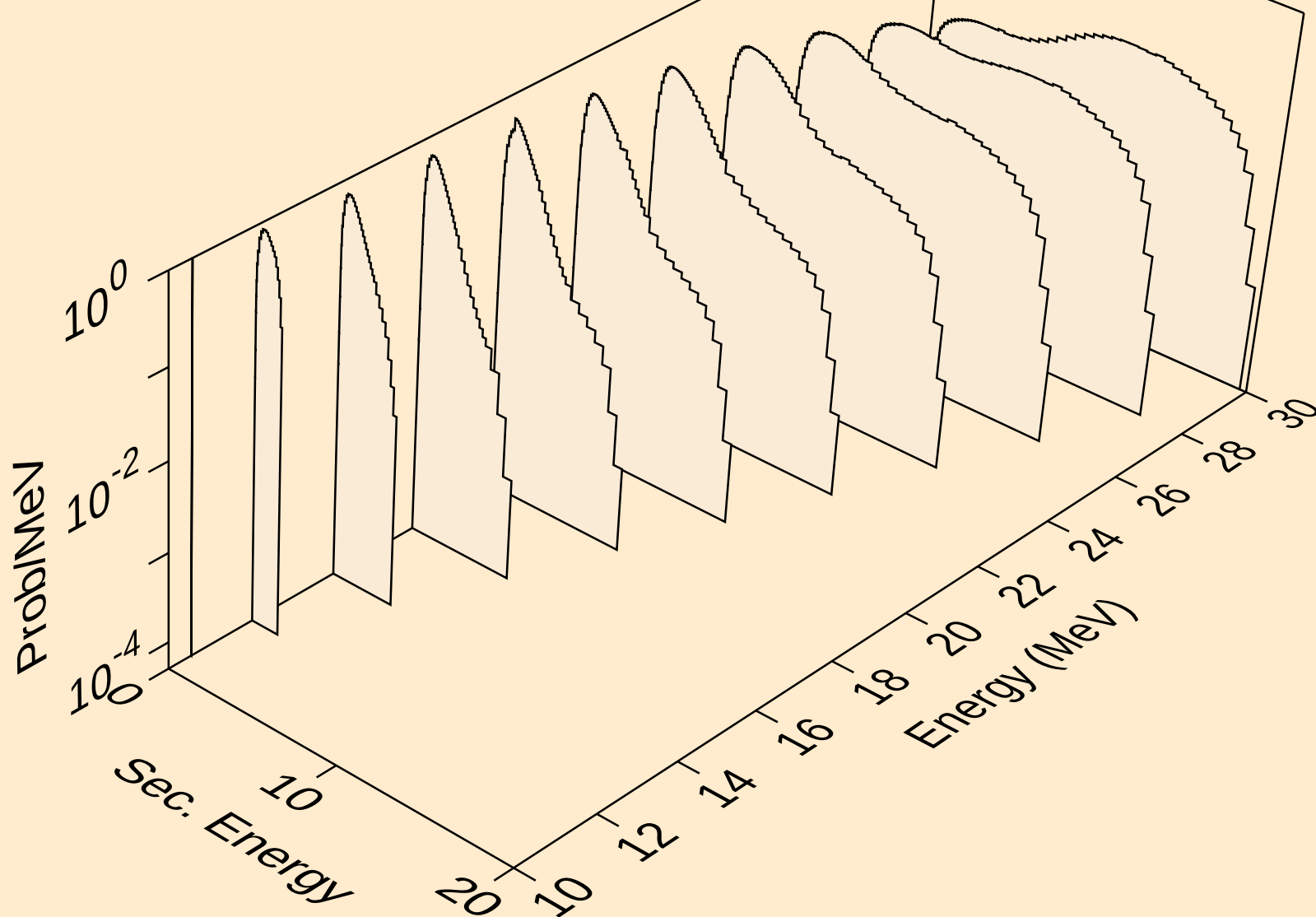


PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

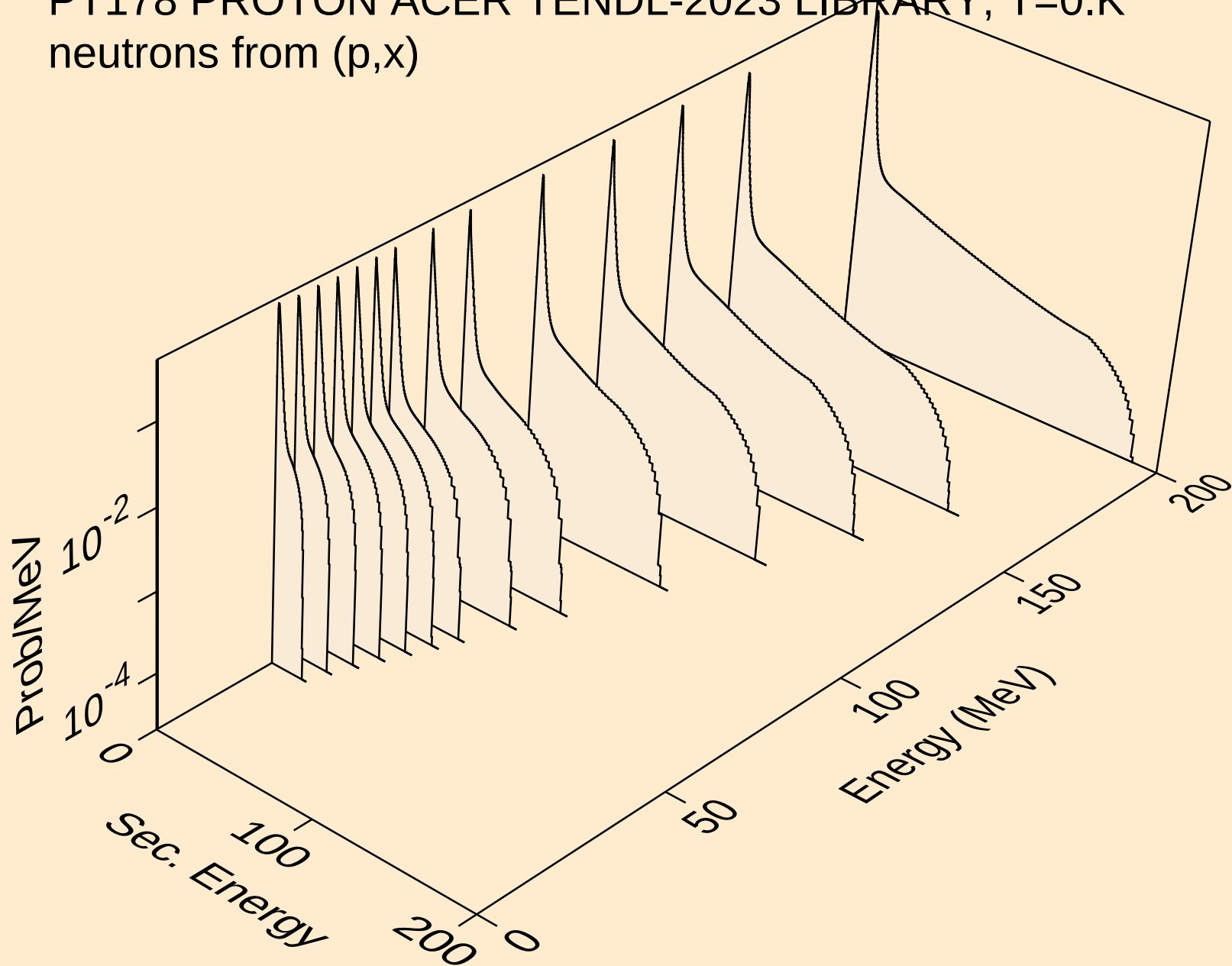
Particle production cross sections



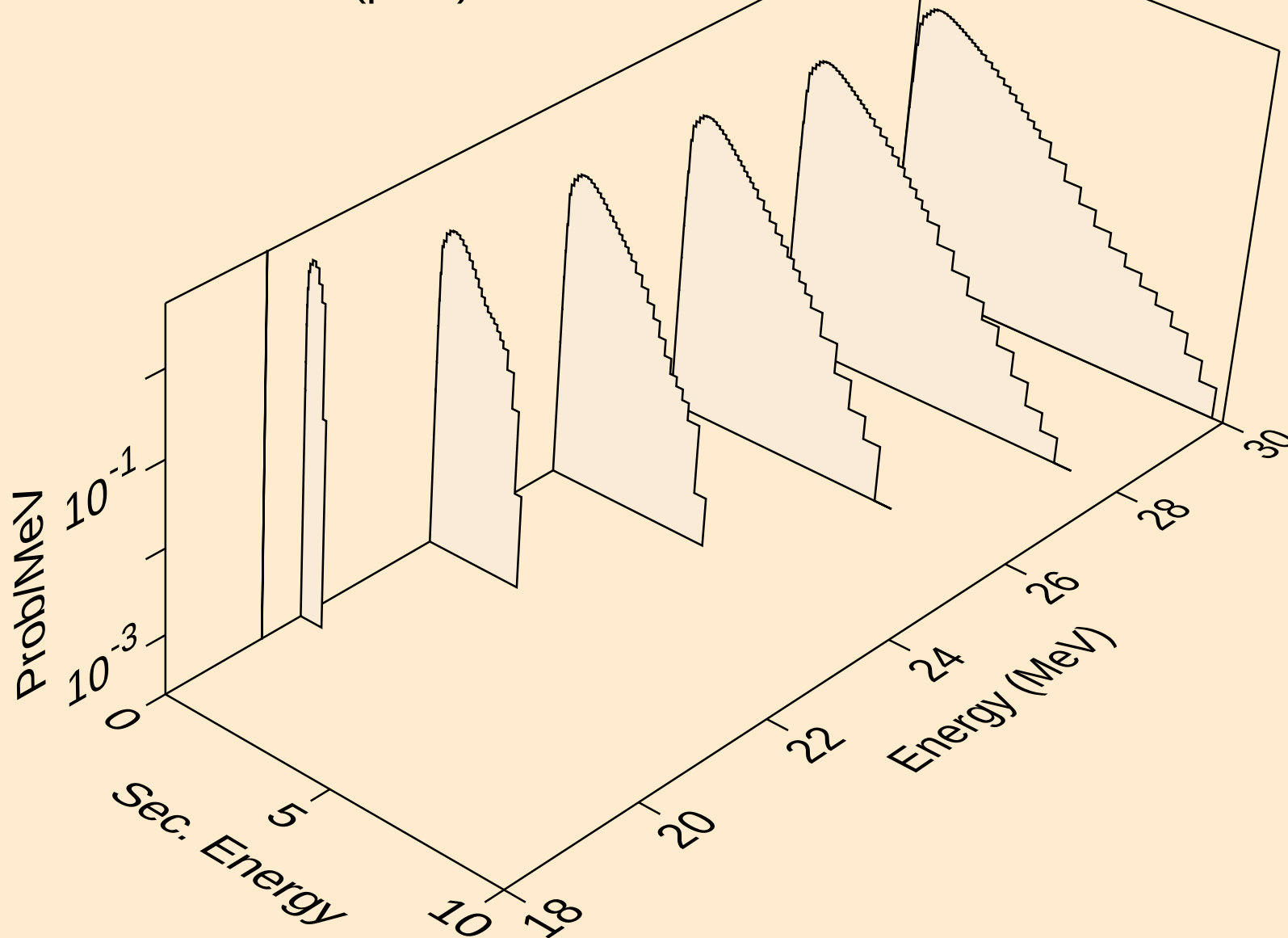
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



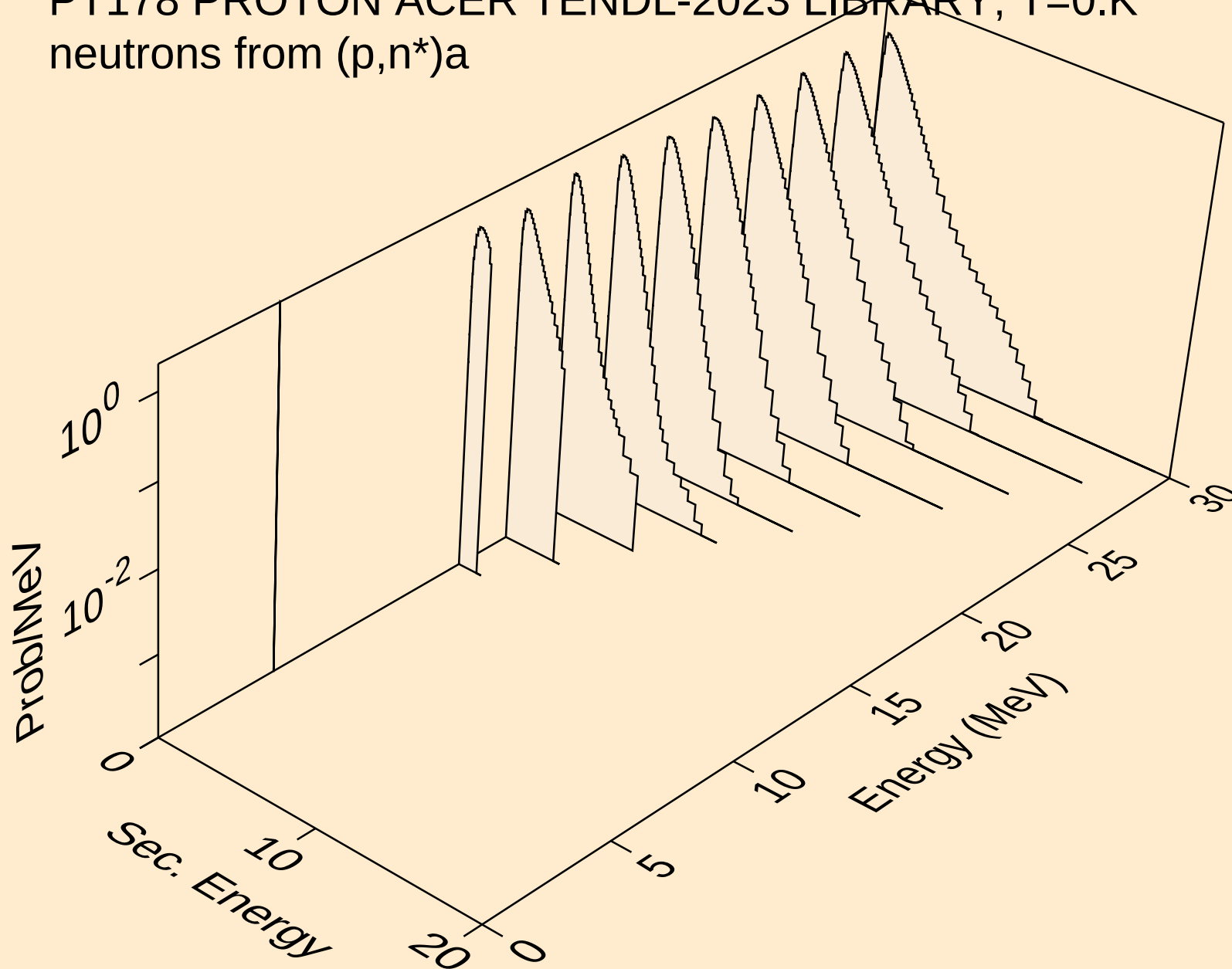
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



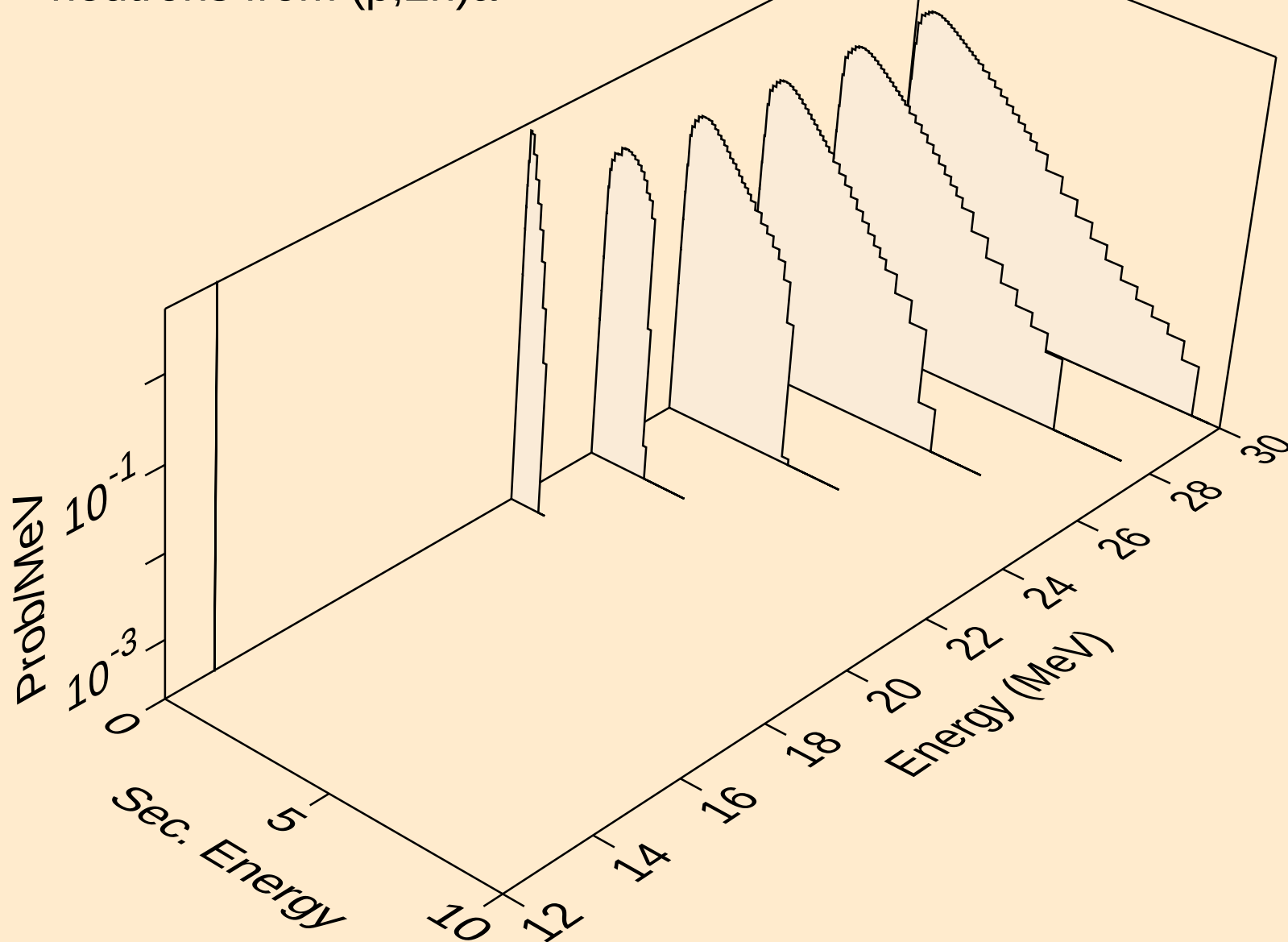
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



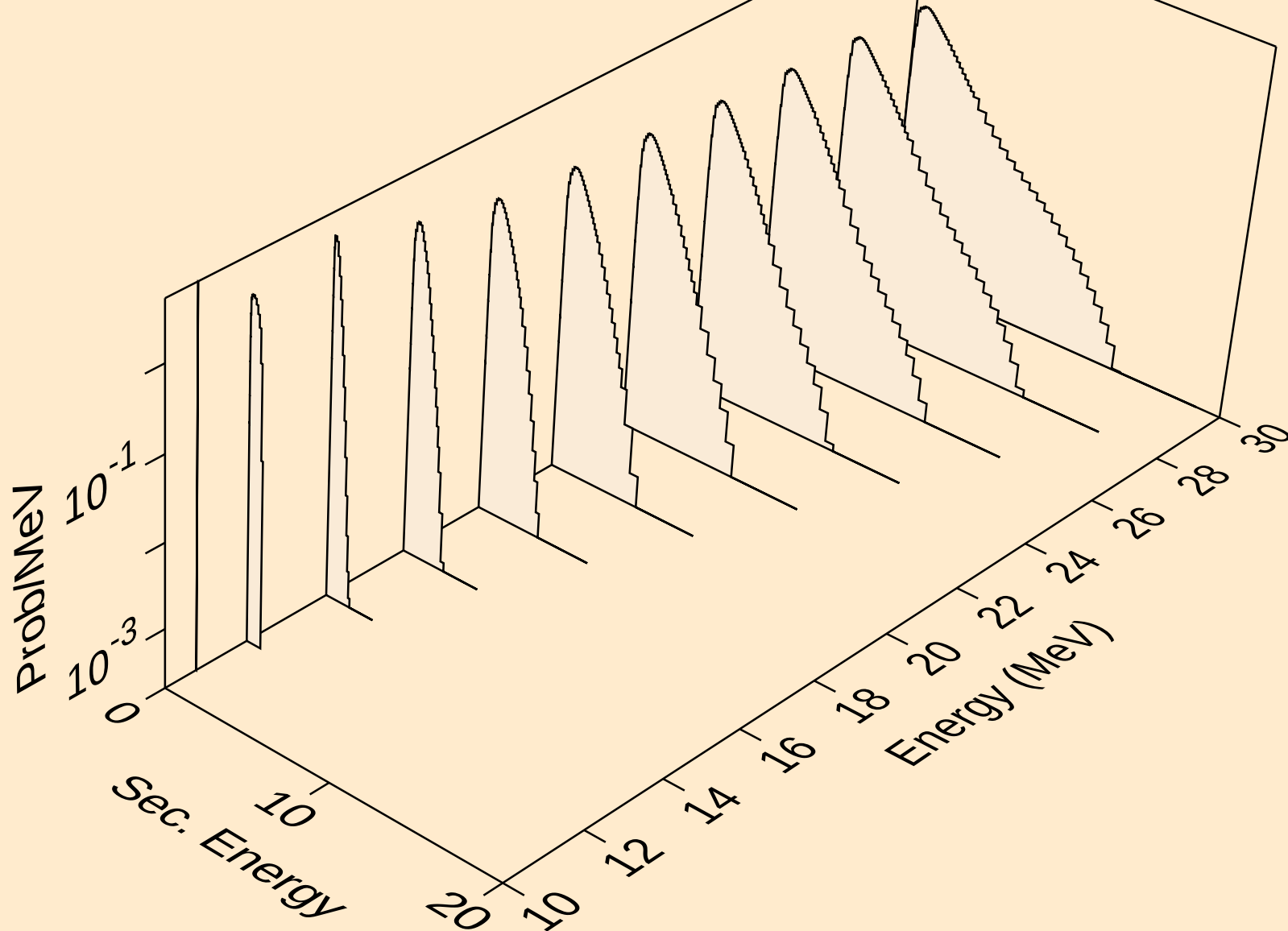
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)a



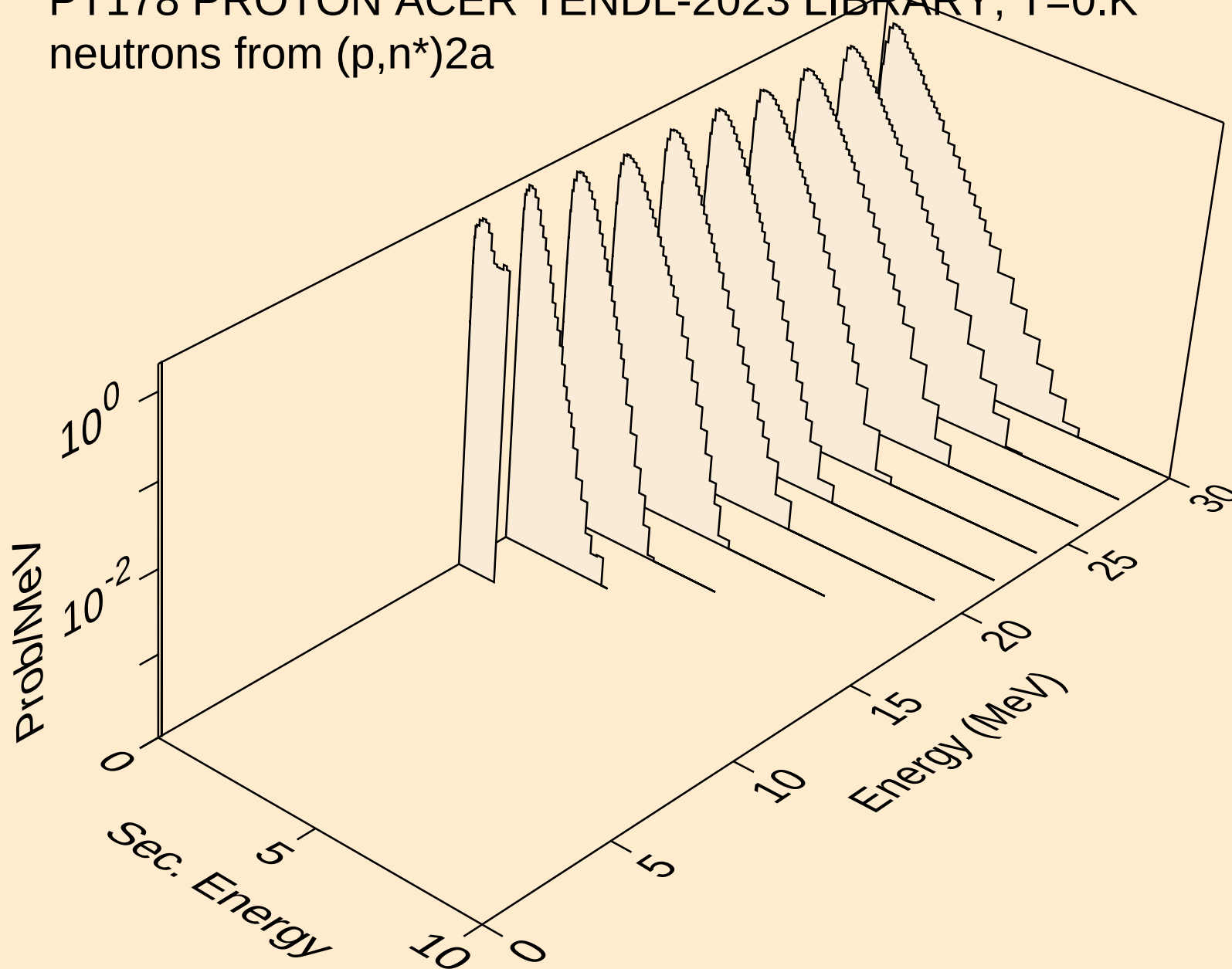
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



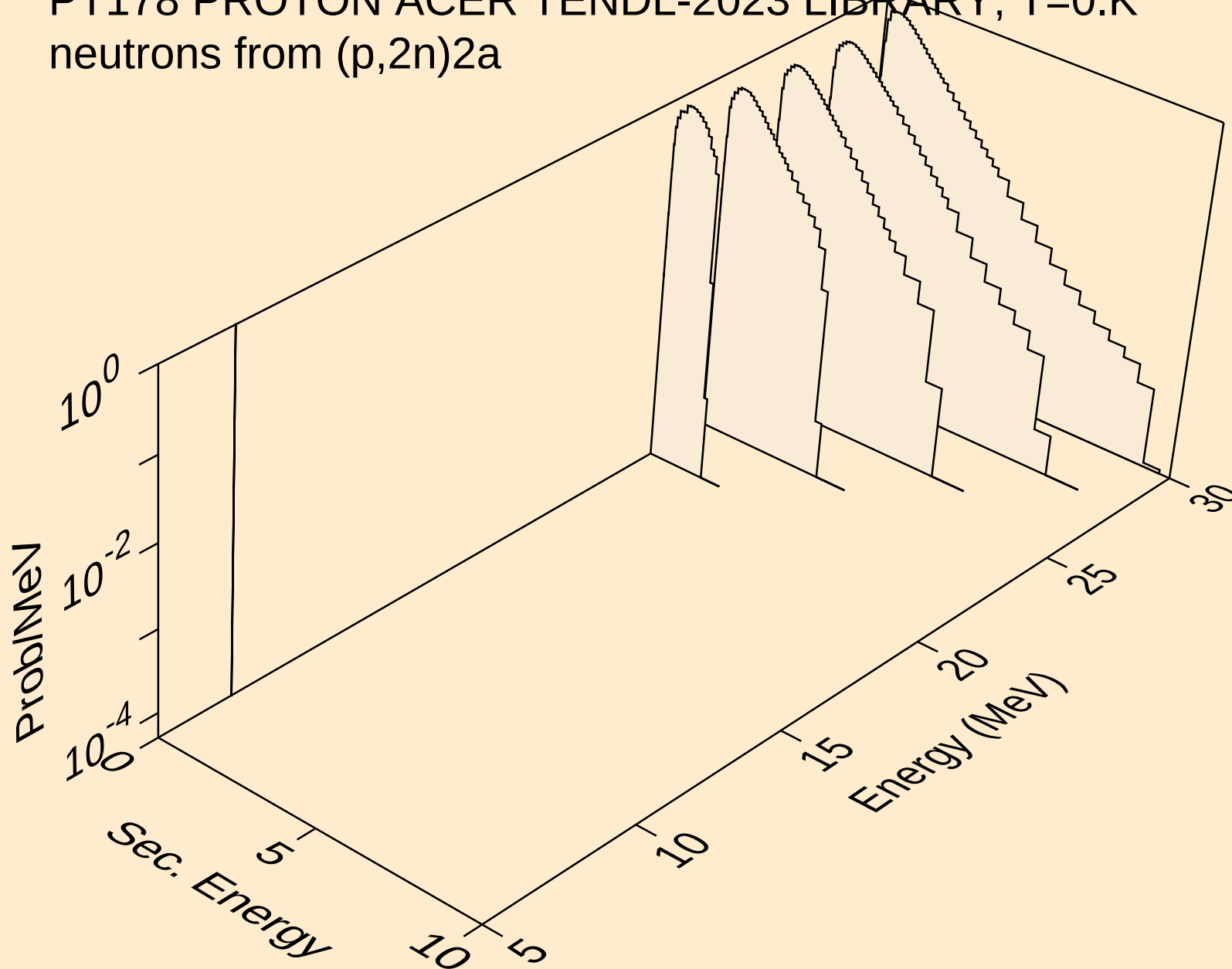
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)p



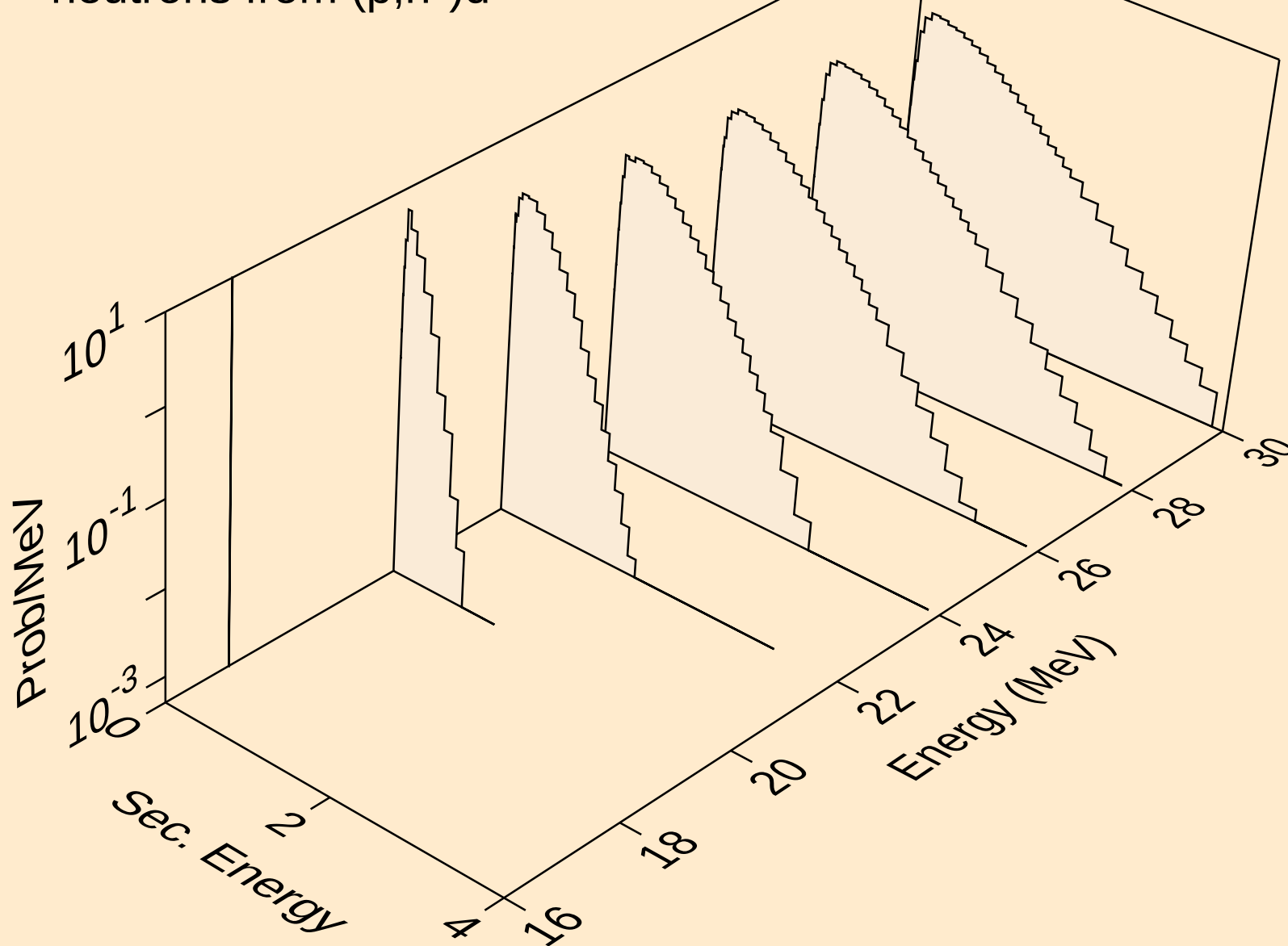
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)2a



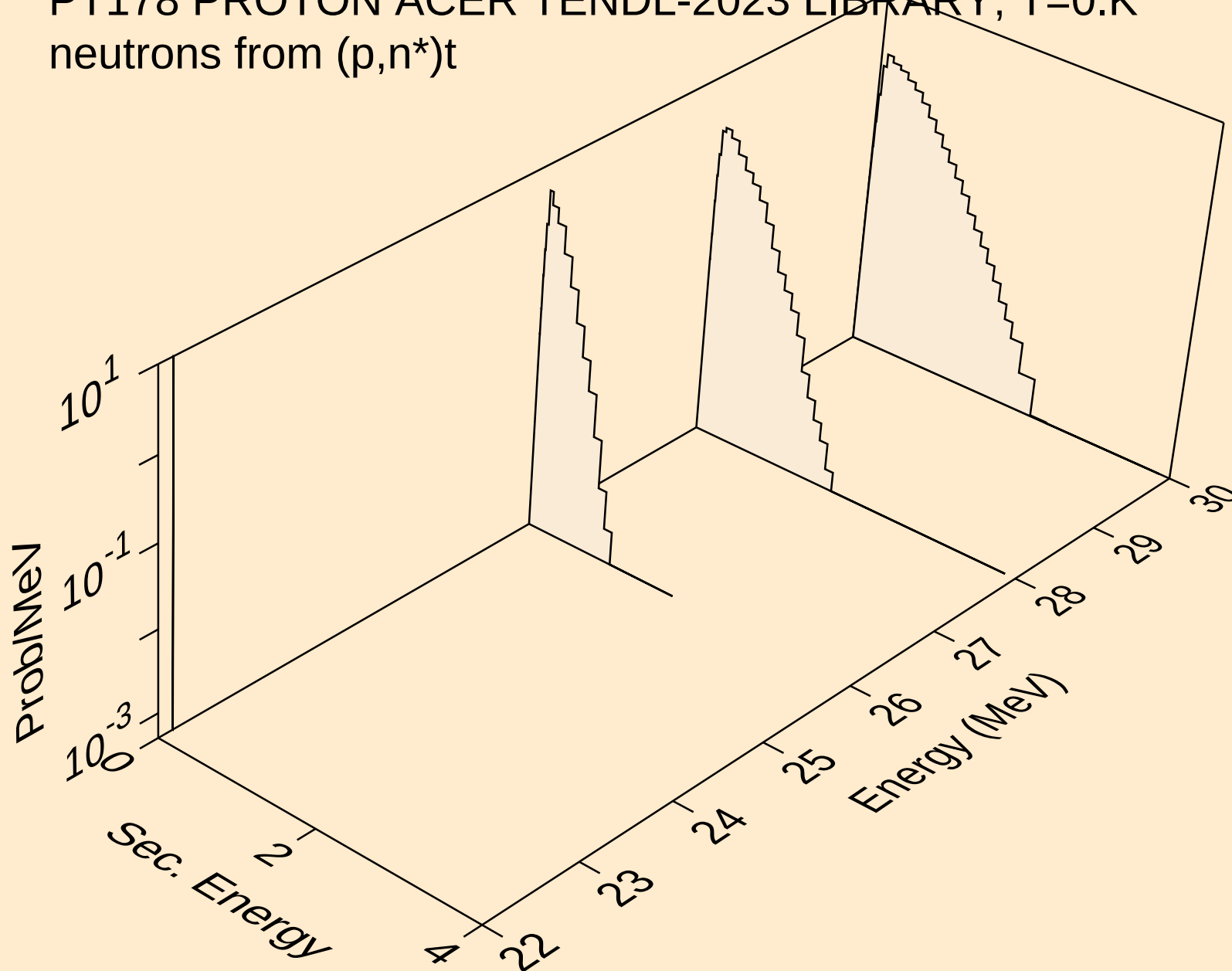
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)2a



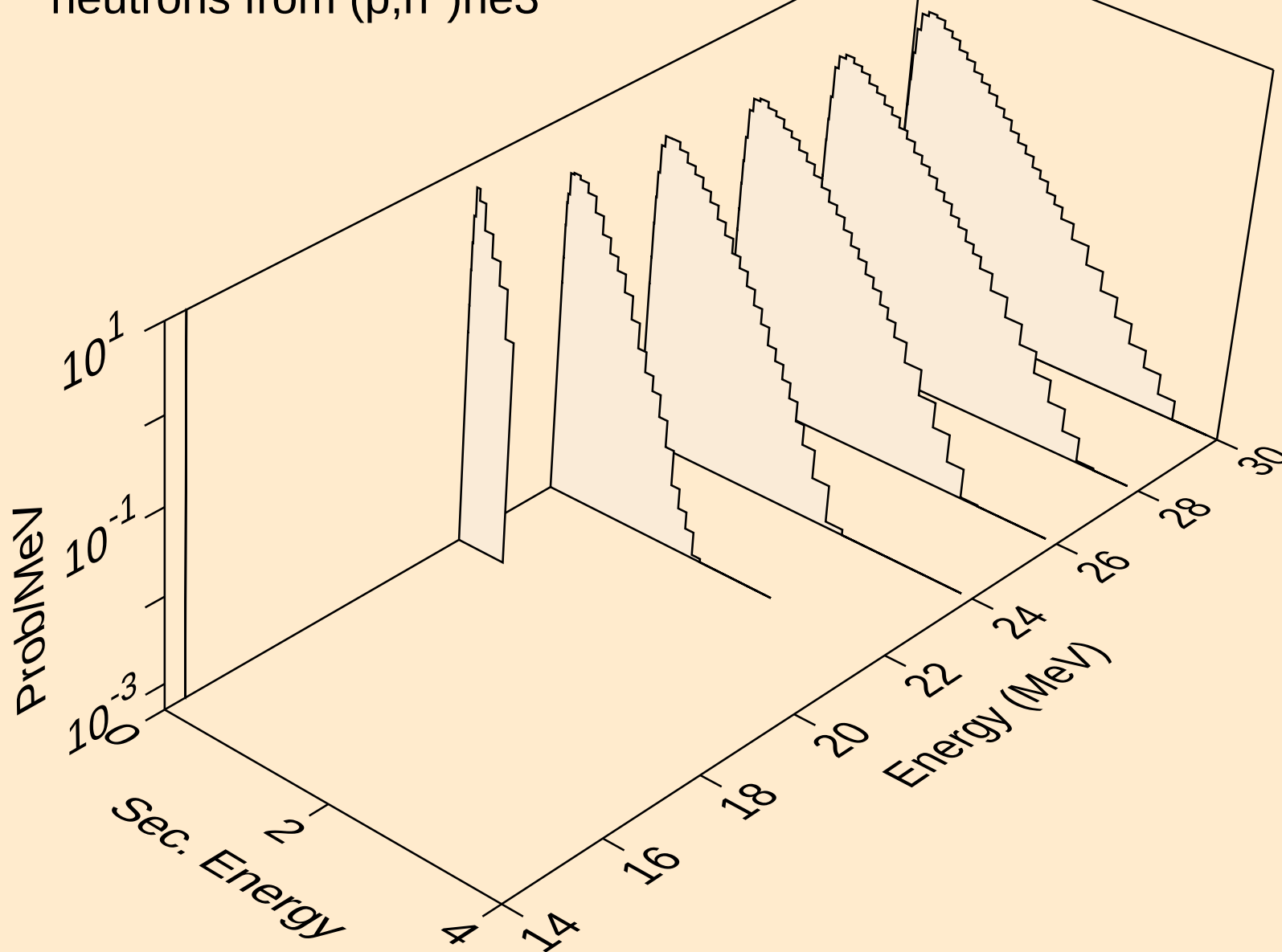
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)d



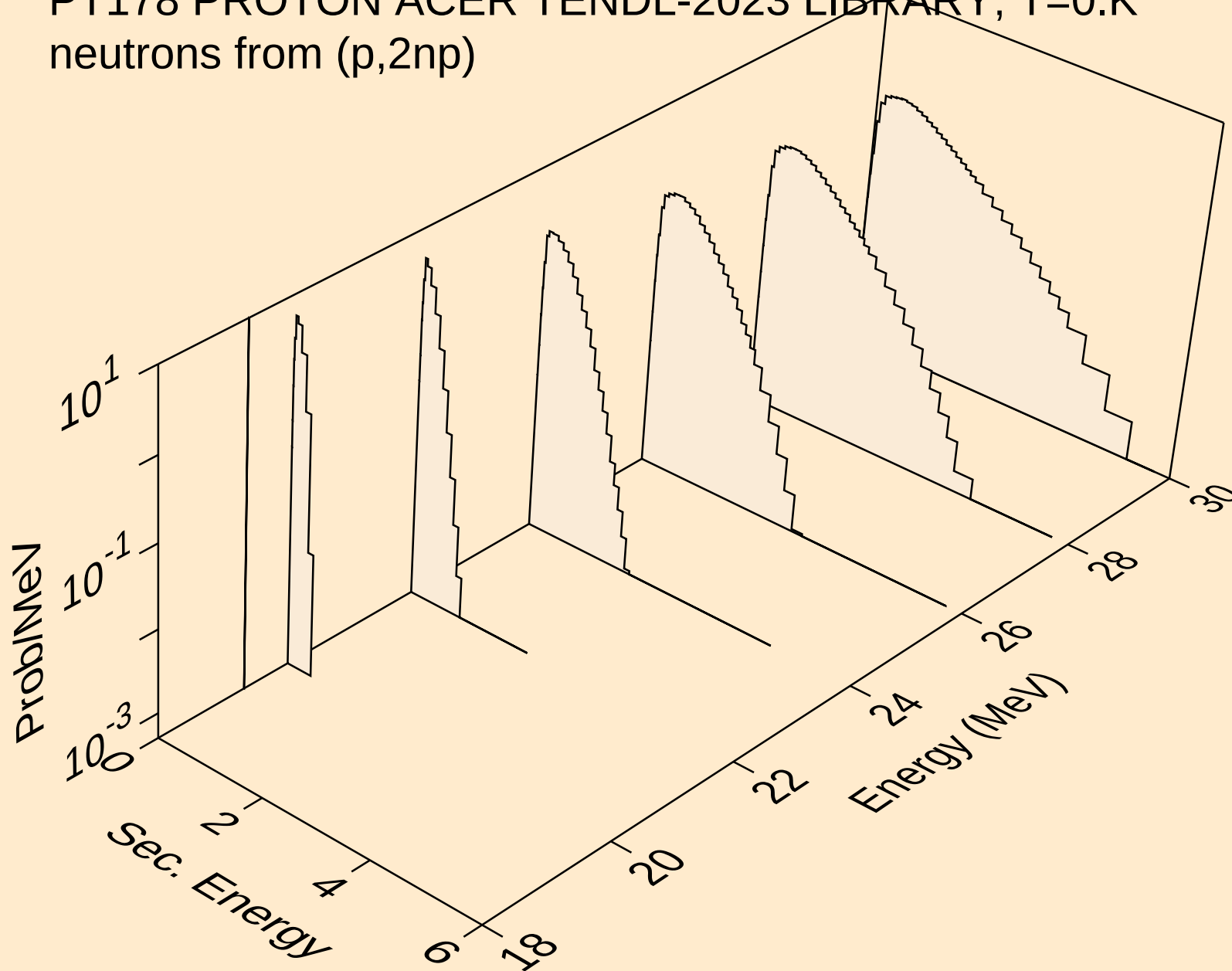
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t



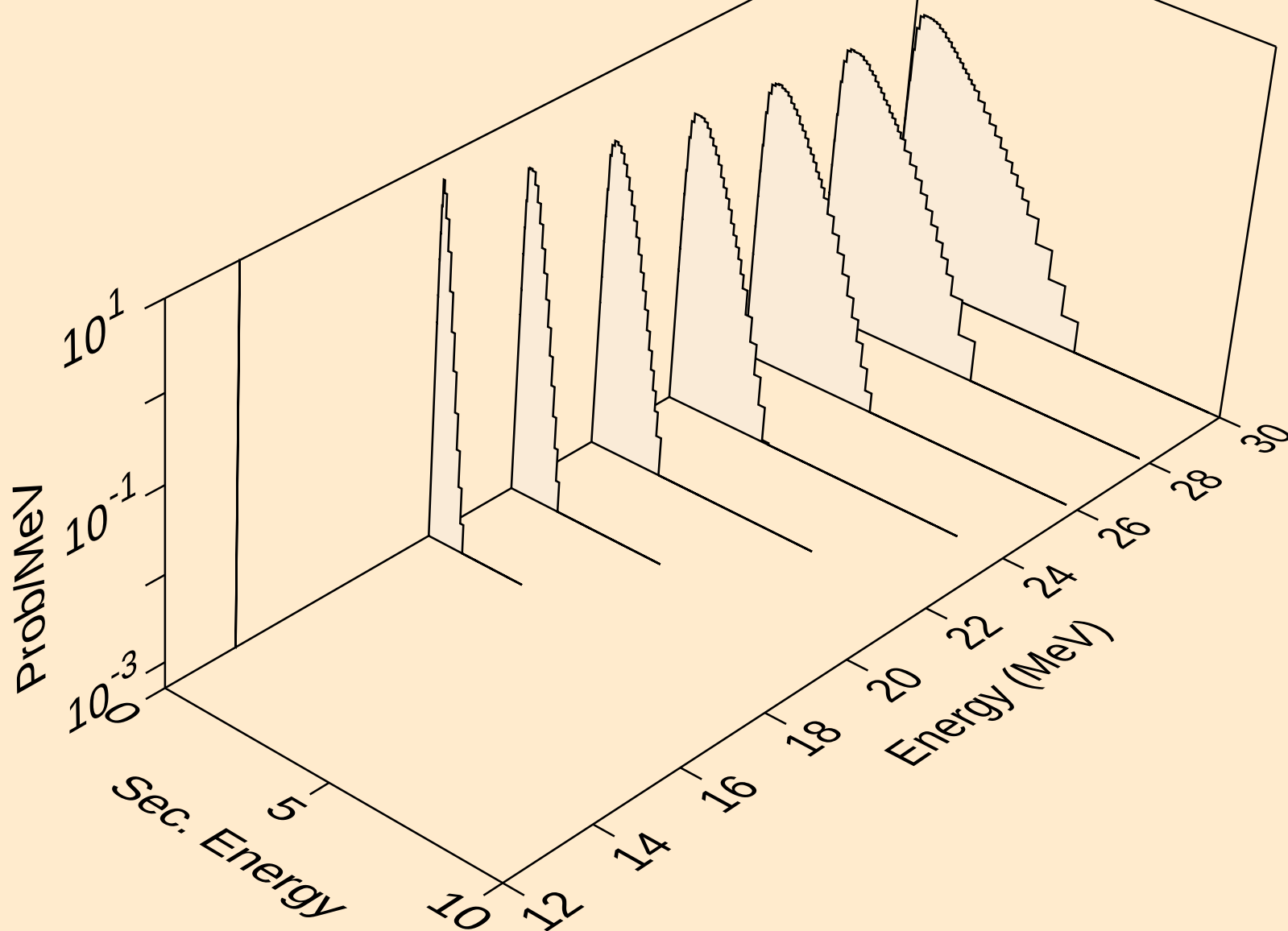
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



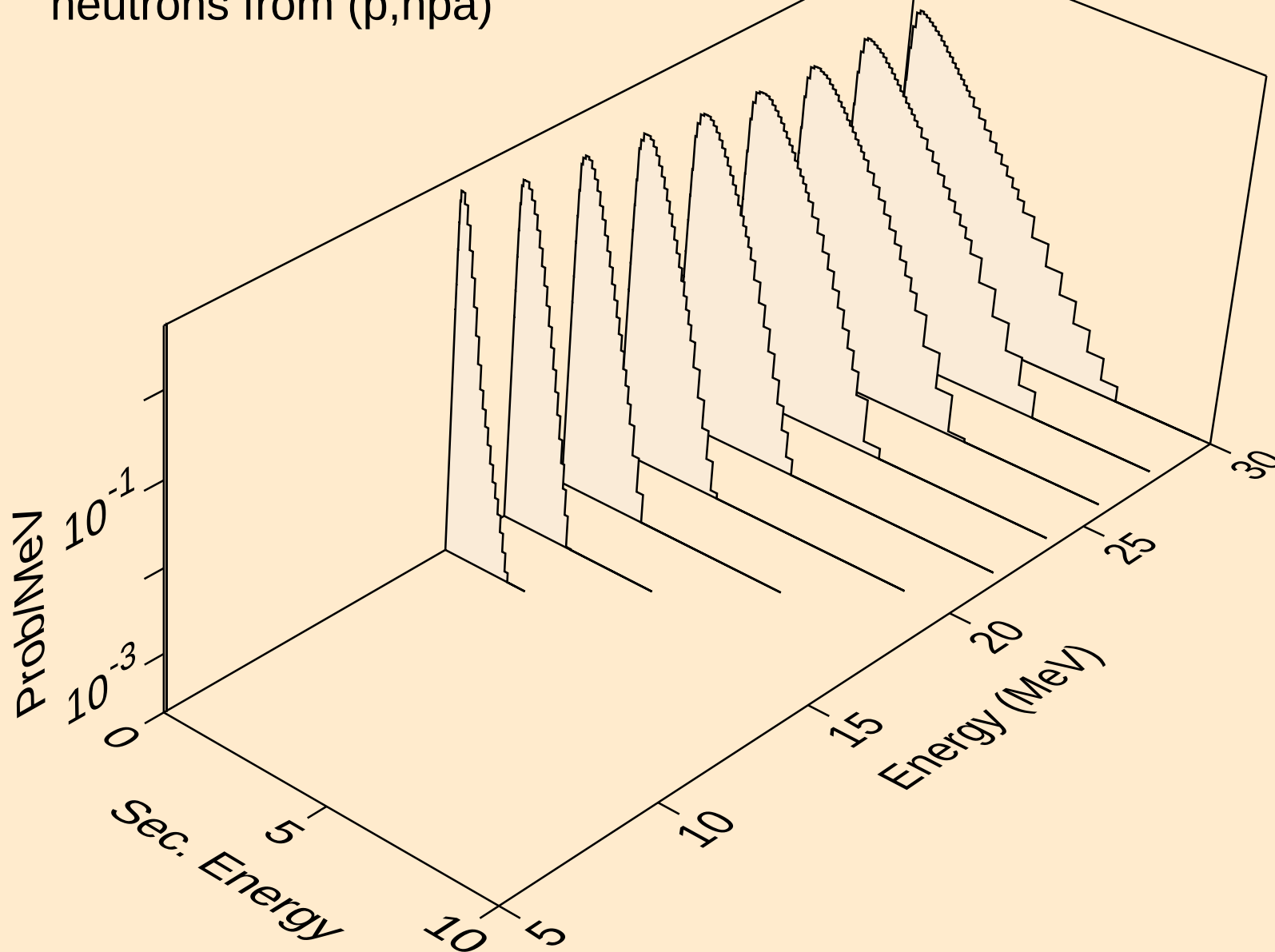
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2np)



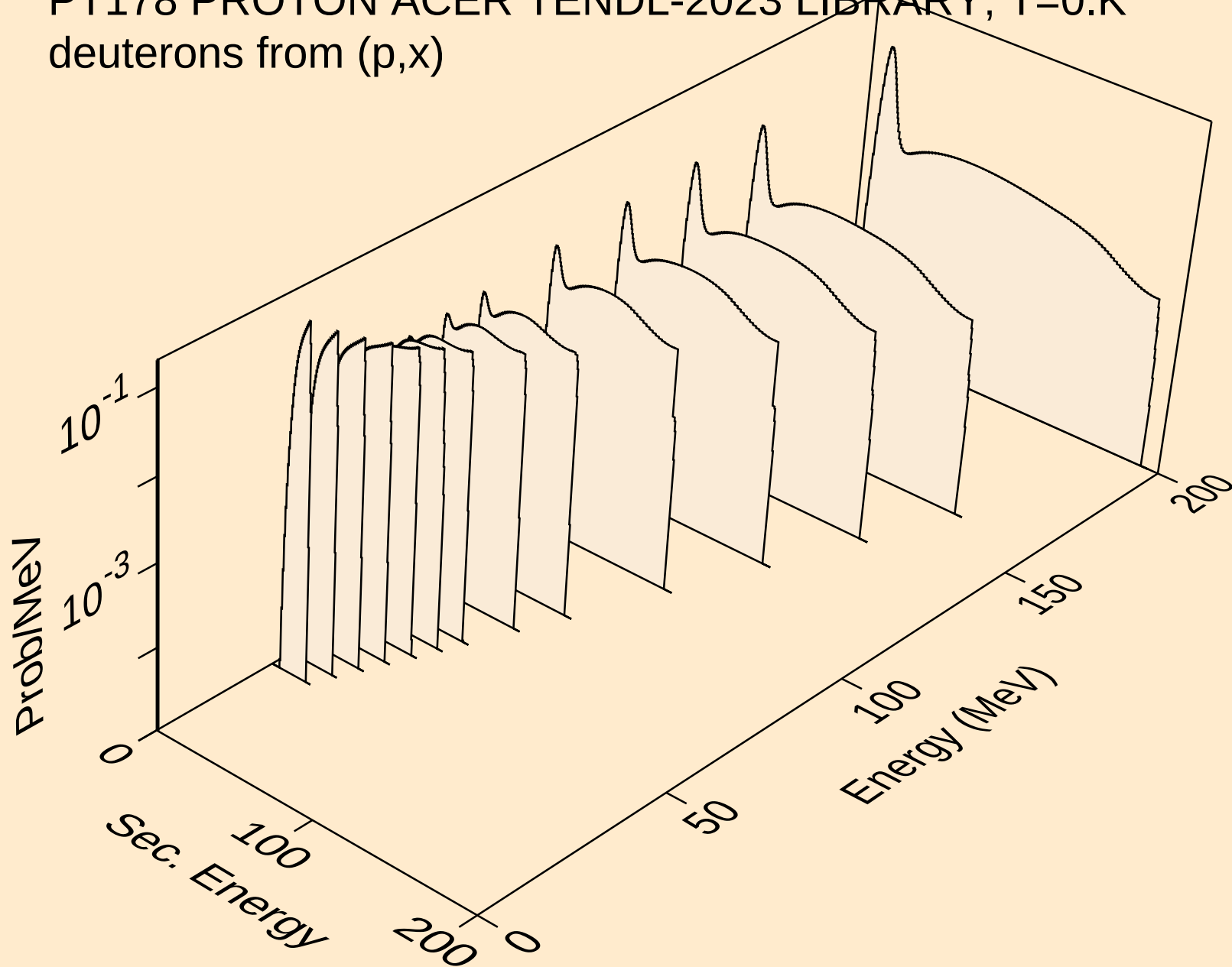
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n2p)



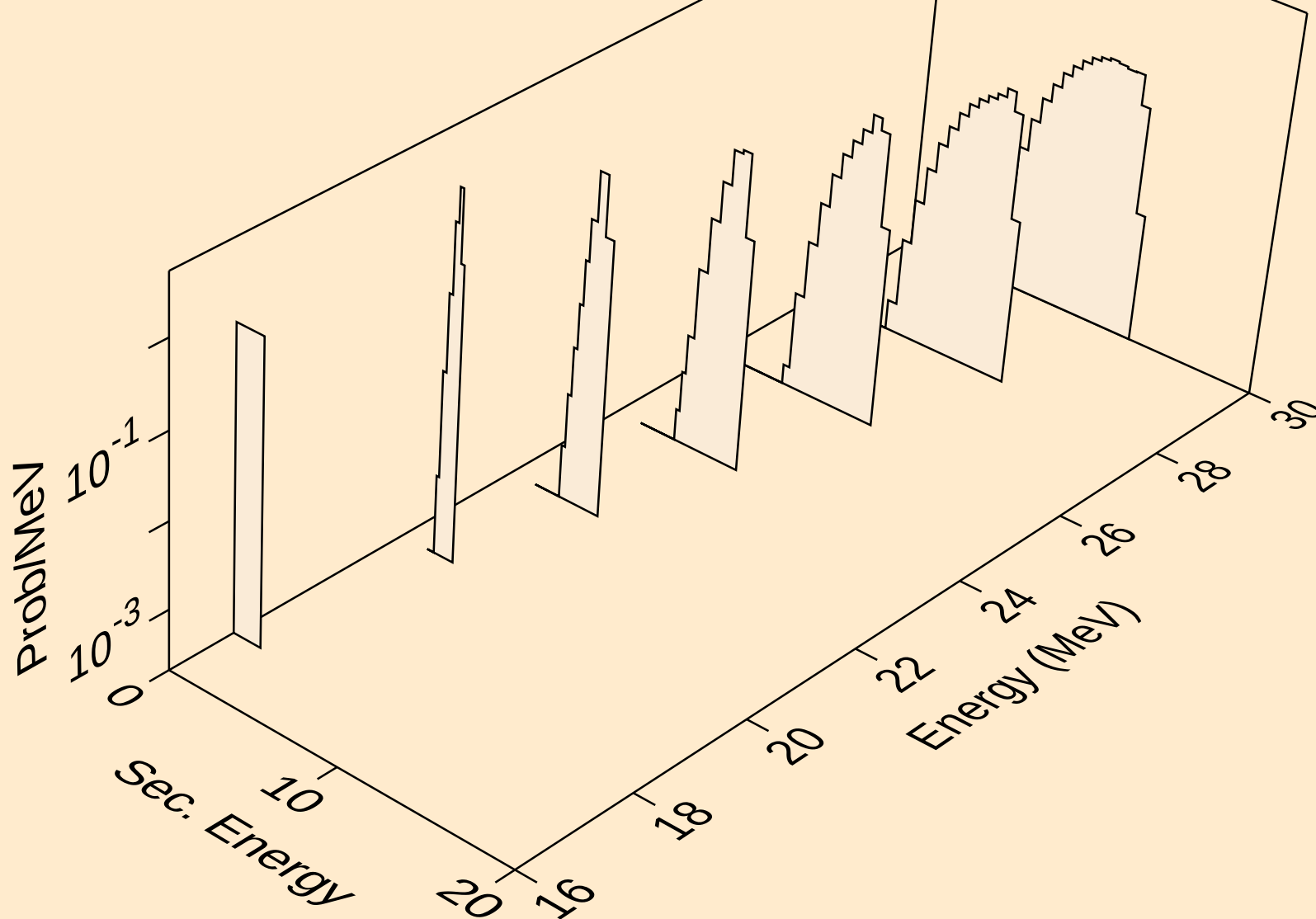
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,npa)



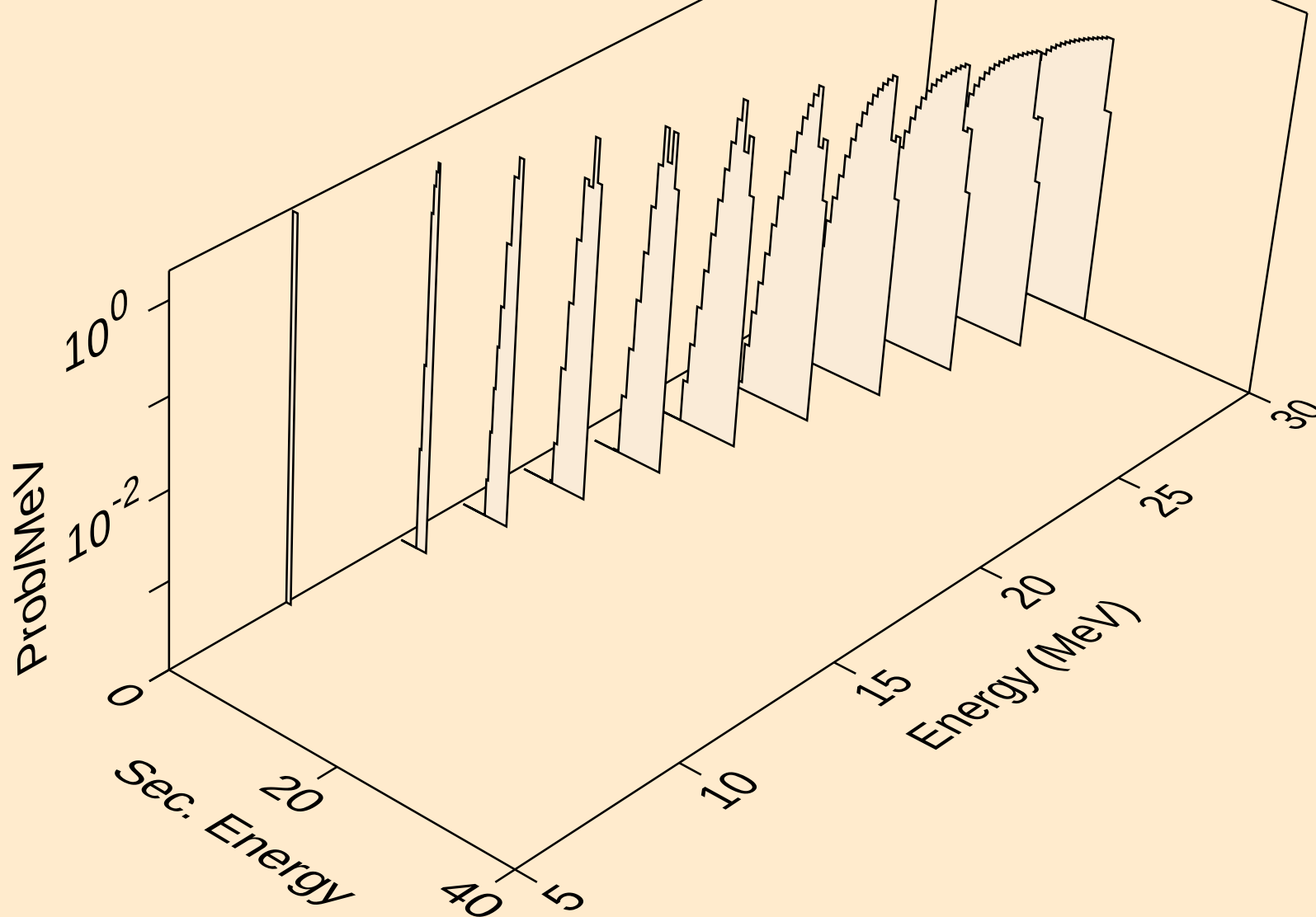
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



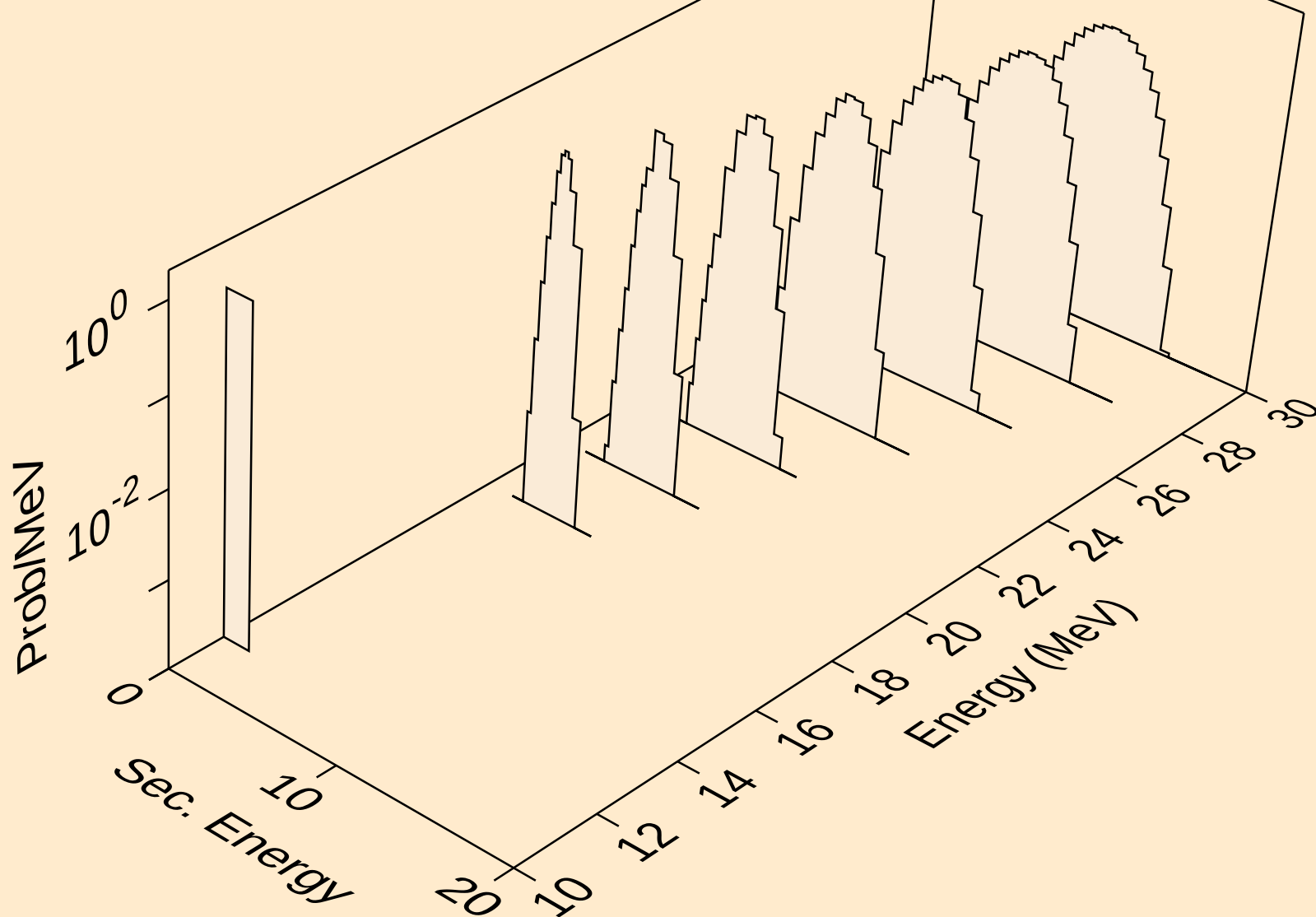
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,n*)d



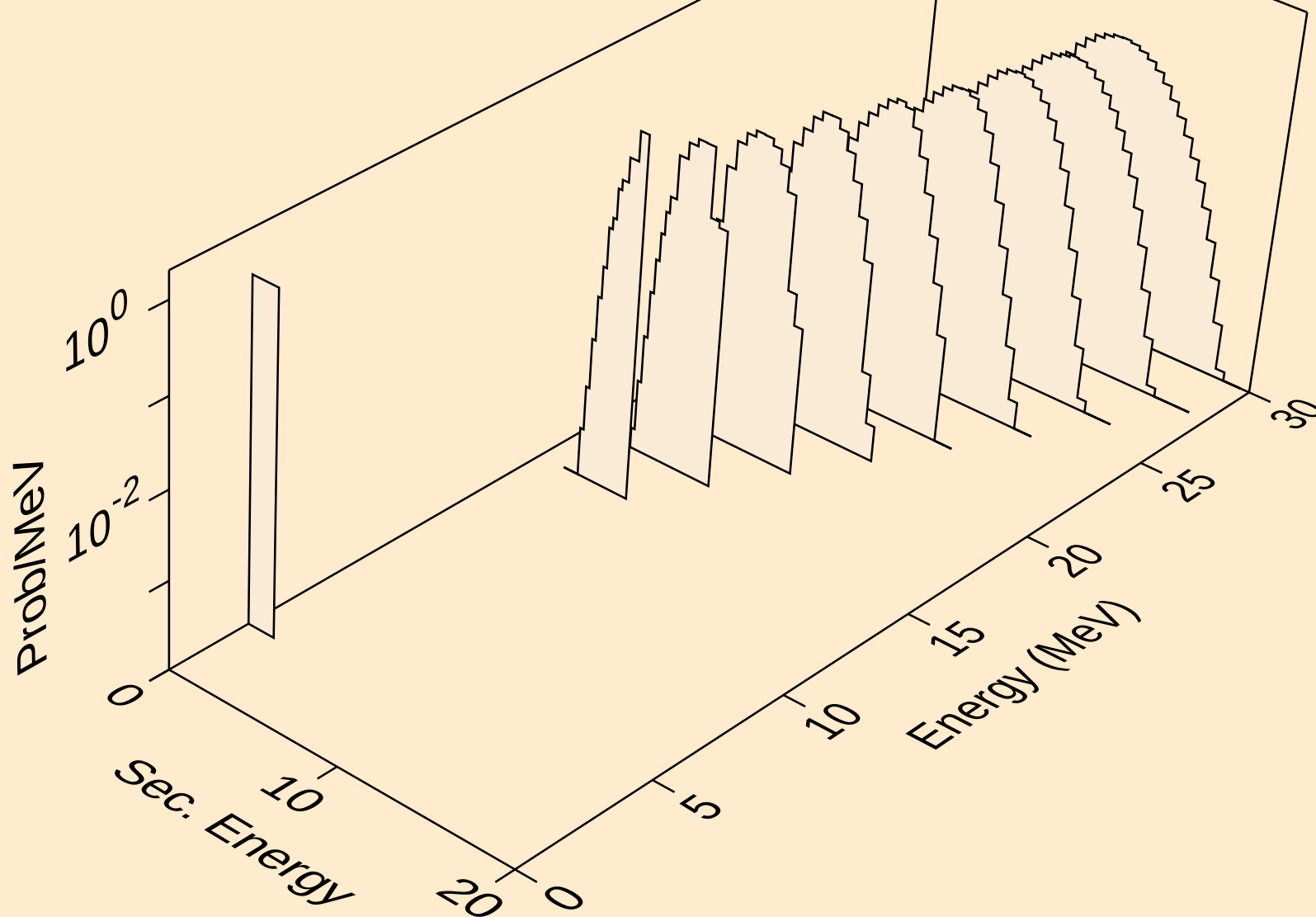
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,d)



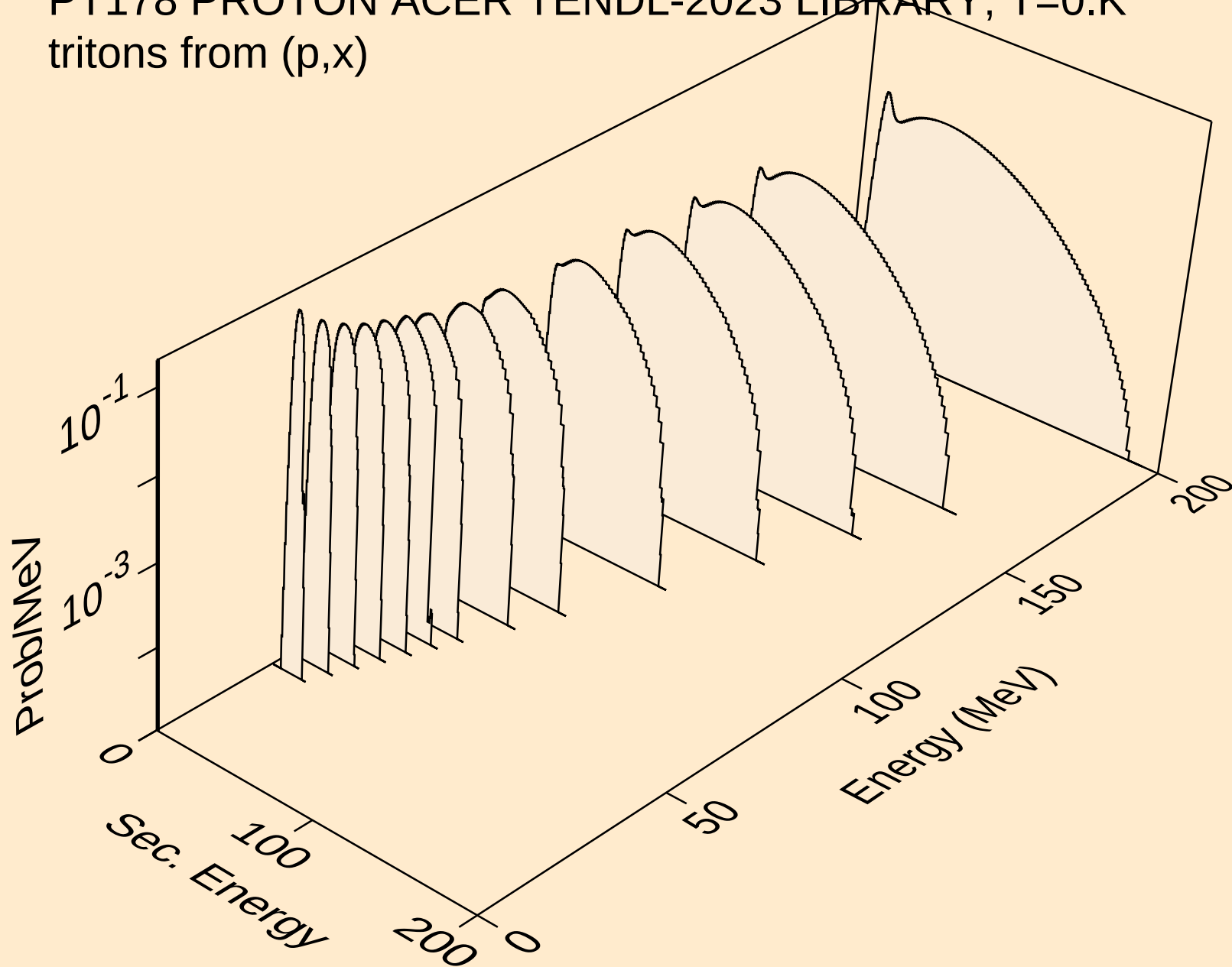
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,pd)



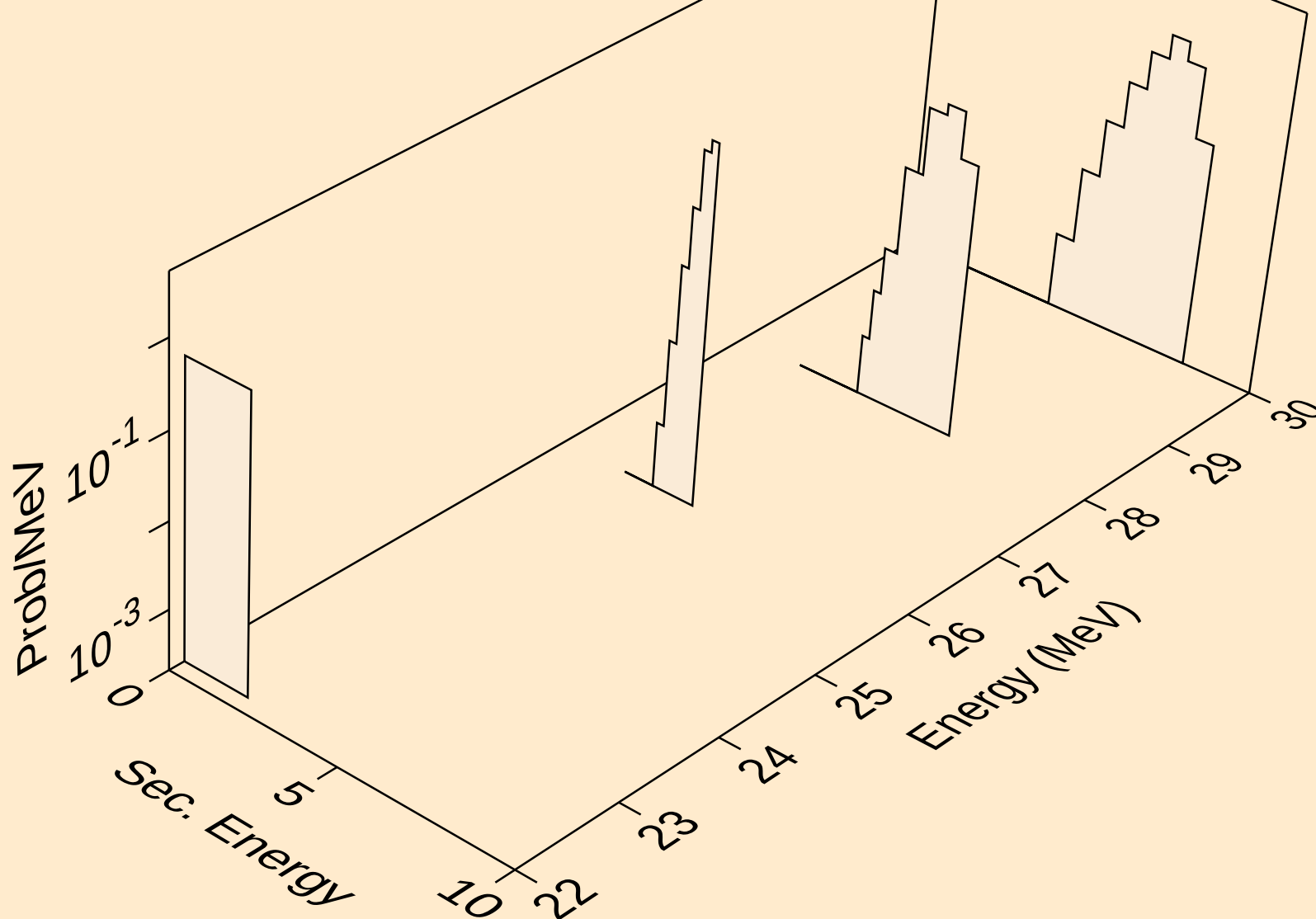
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,da)



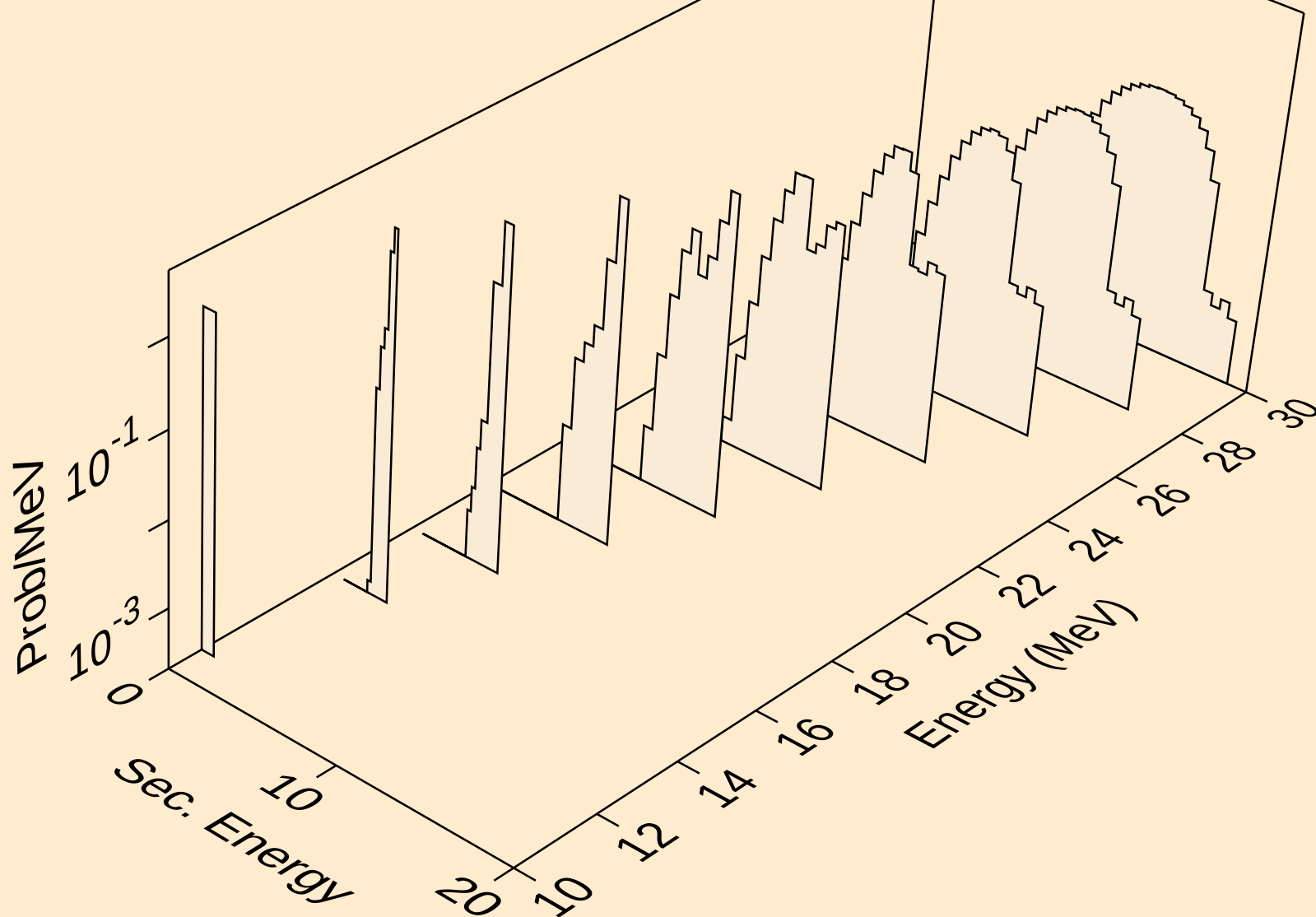
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



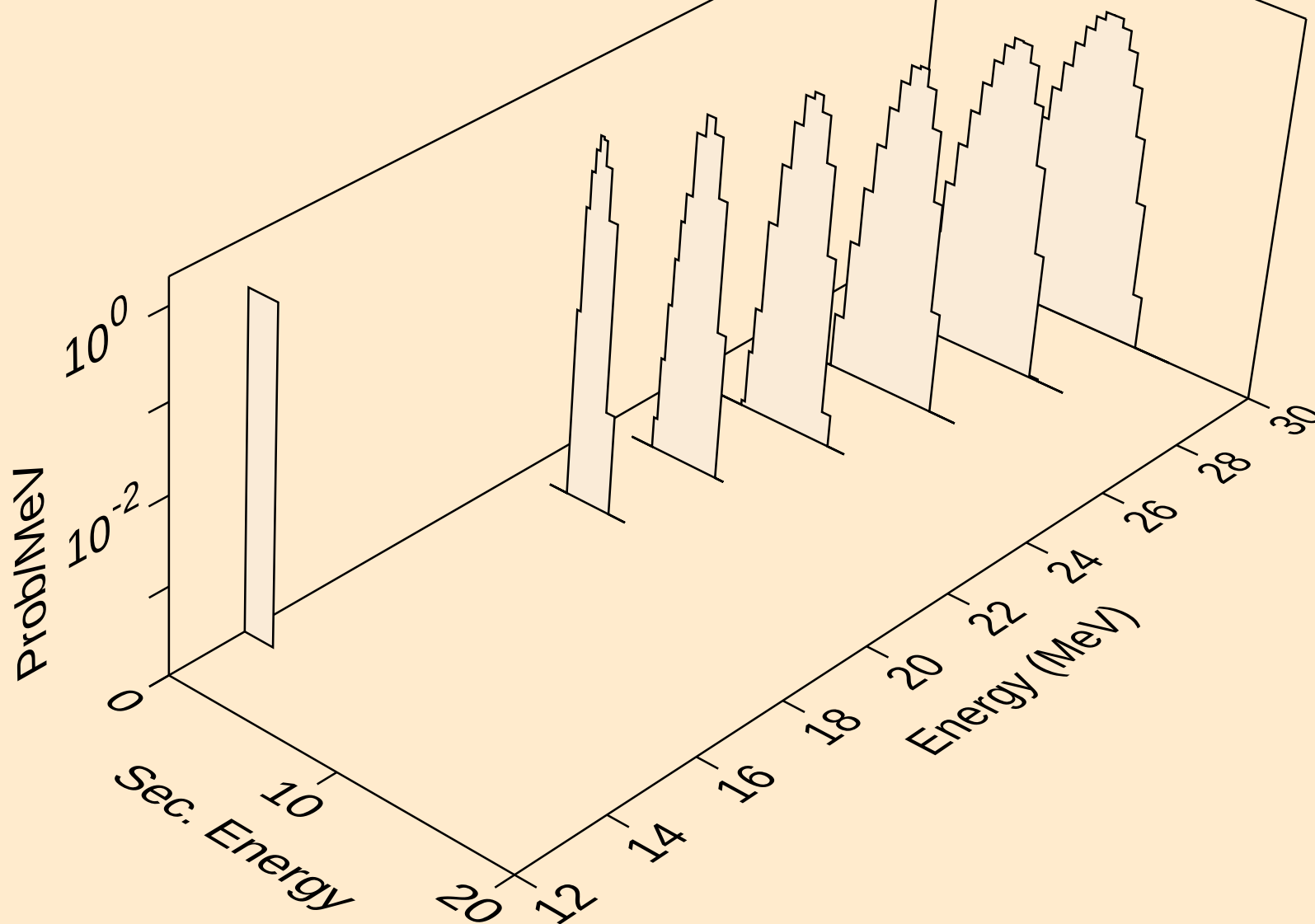
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t



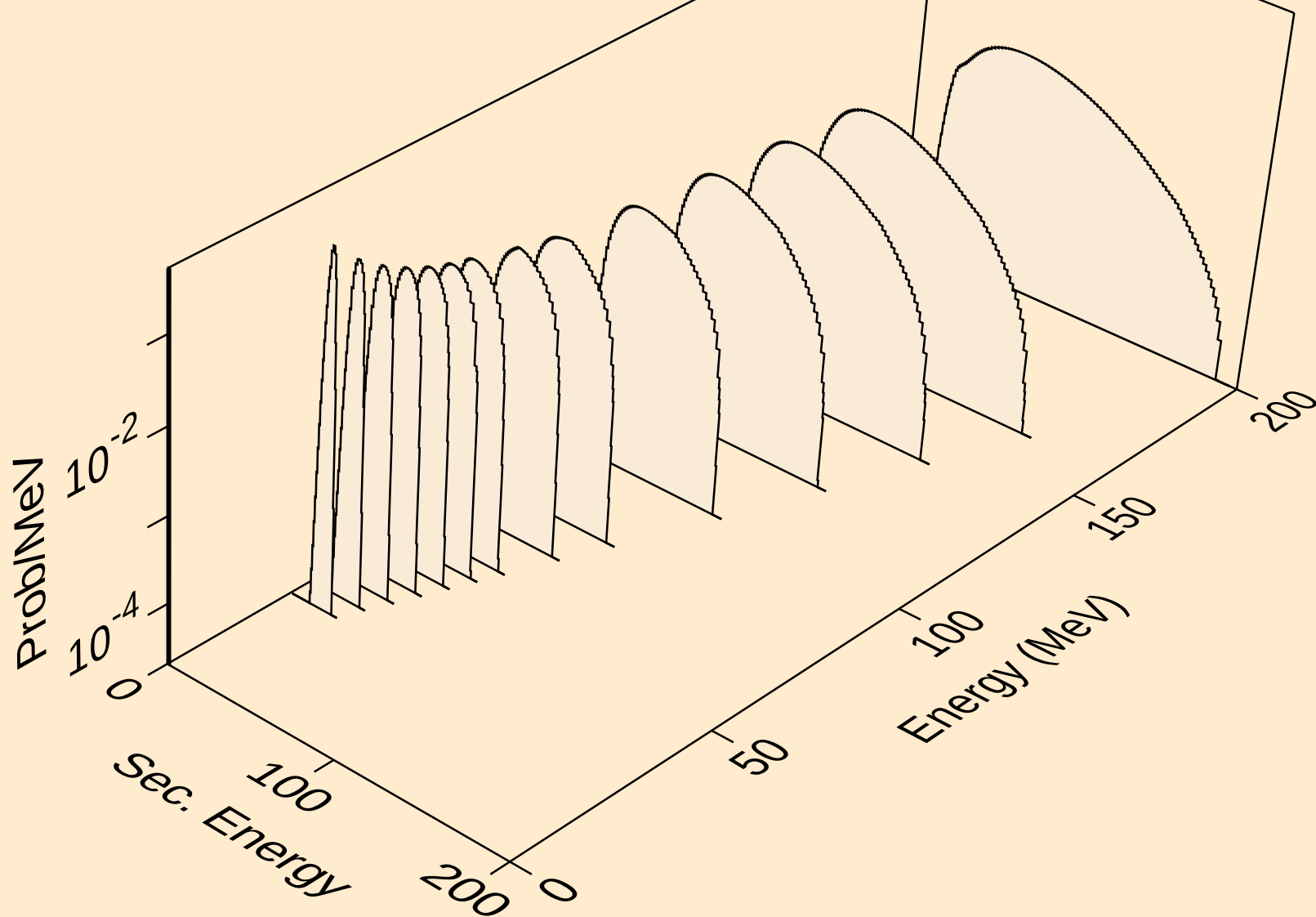
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



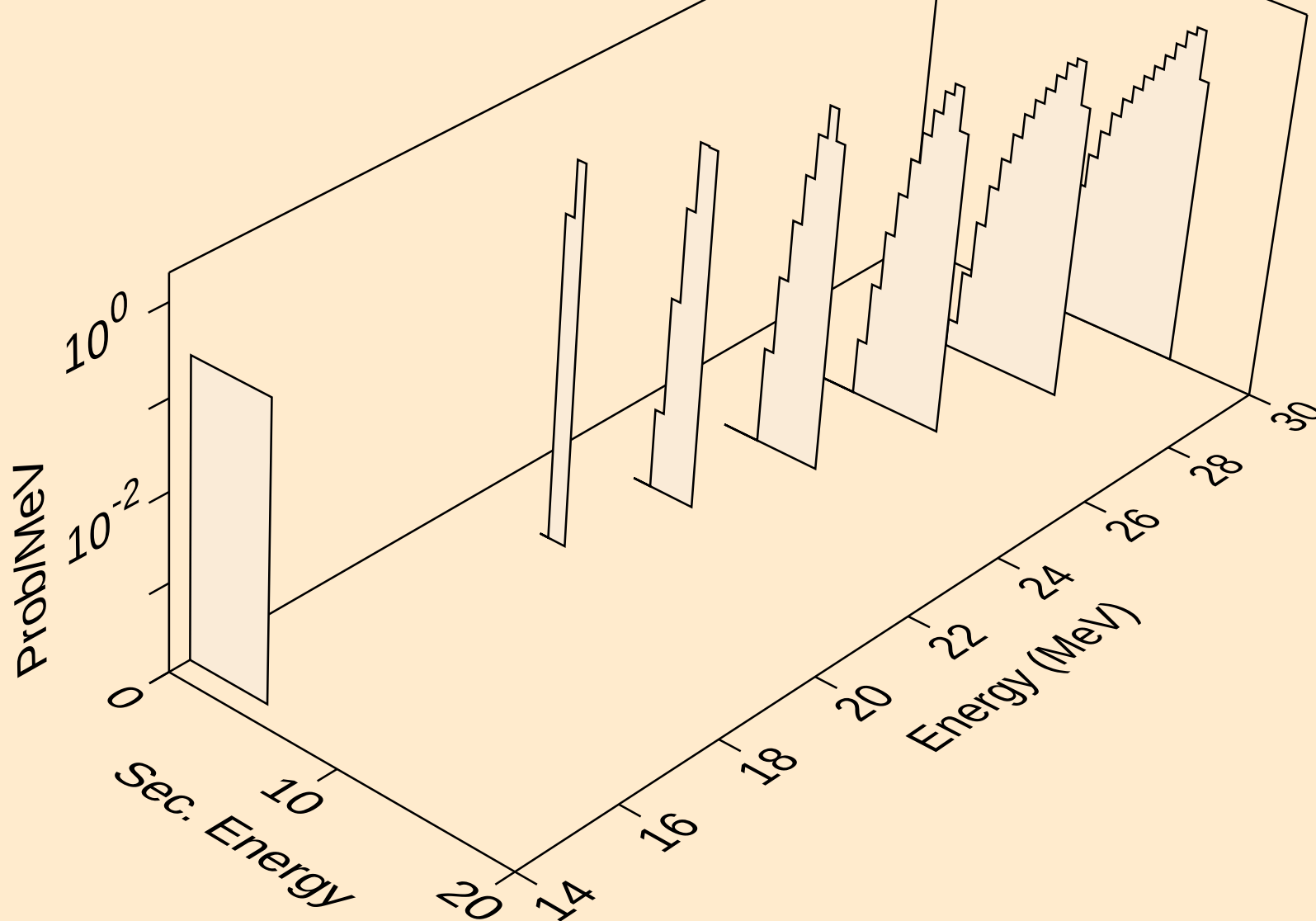
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,pt)



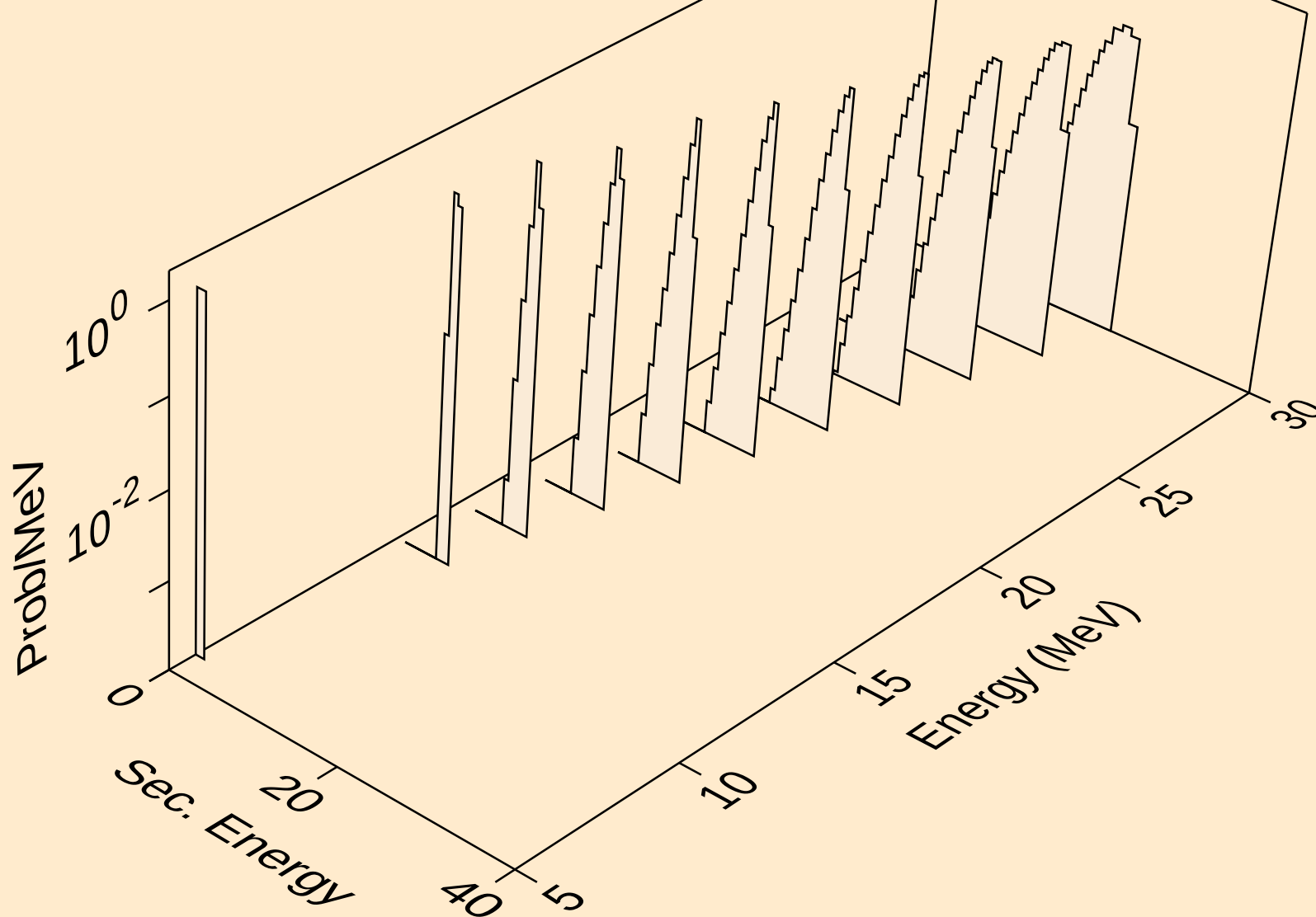
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



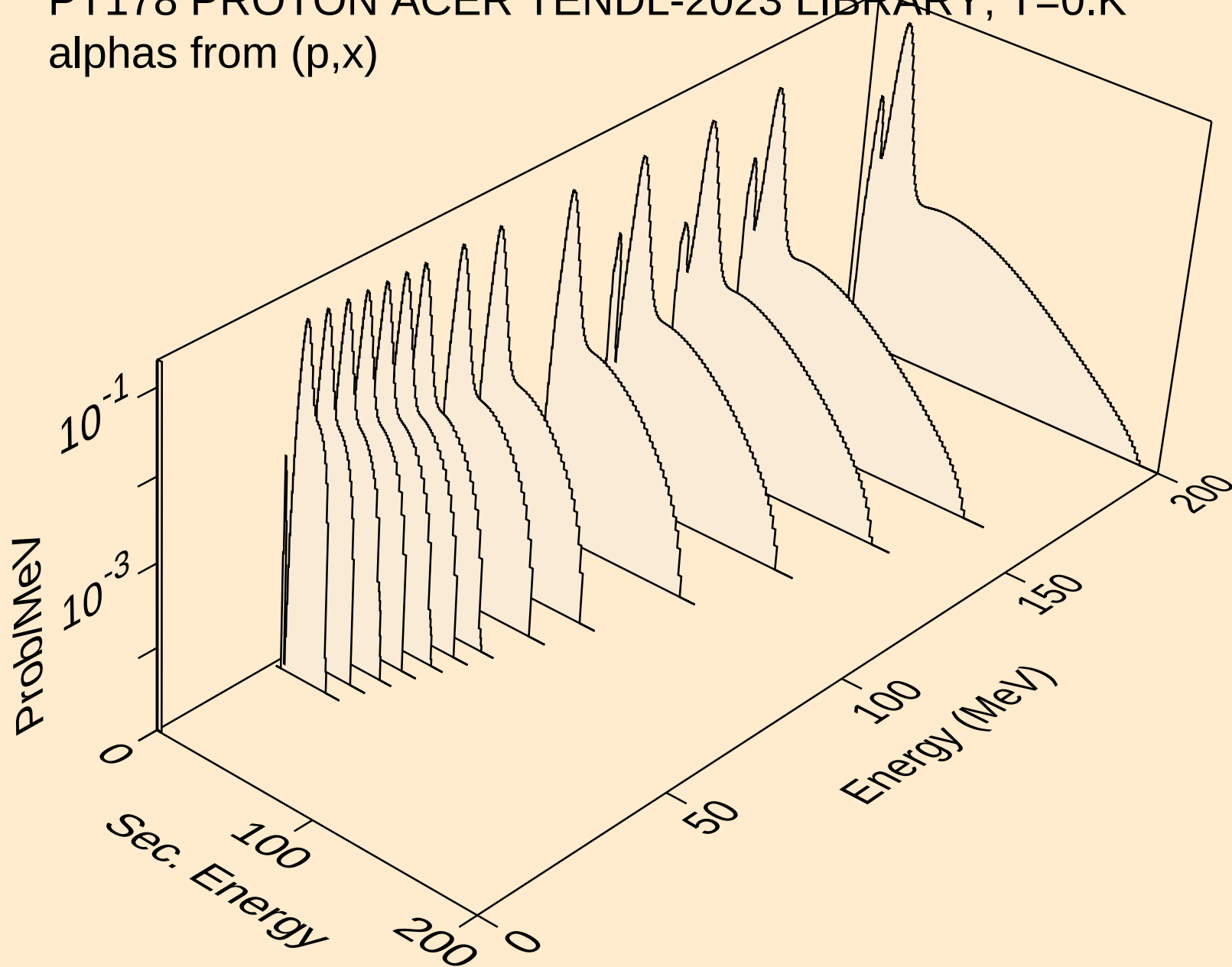
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



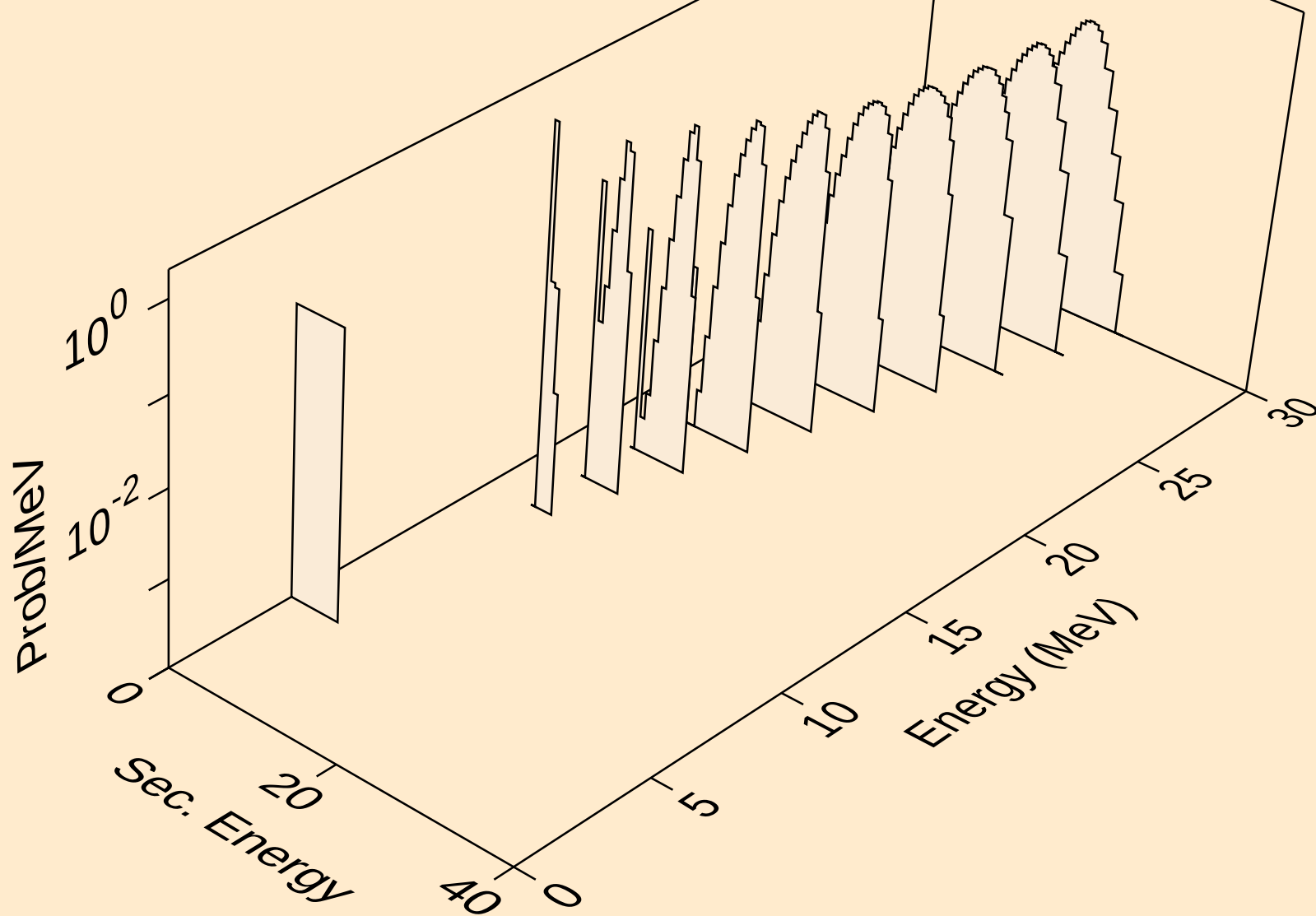
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



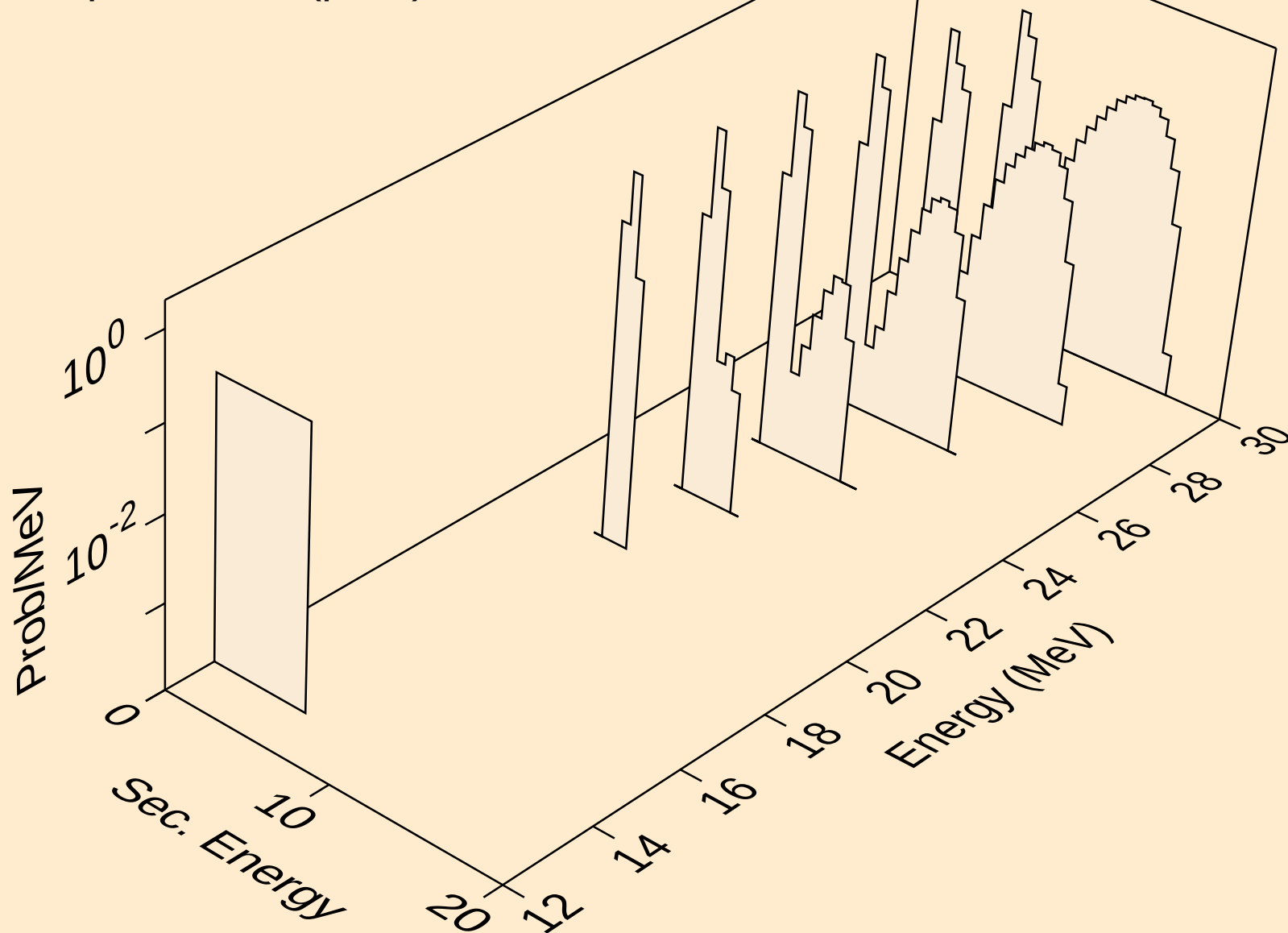
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



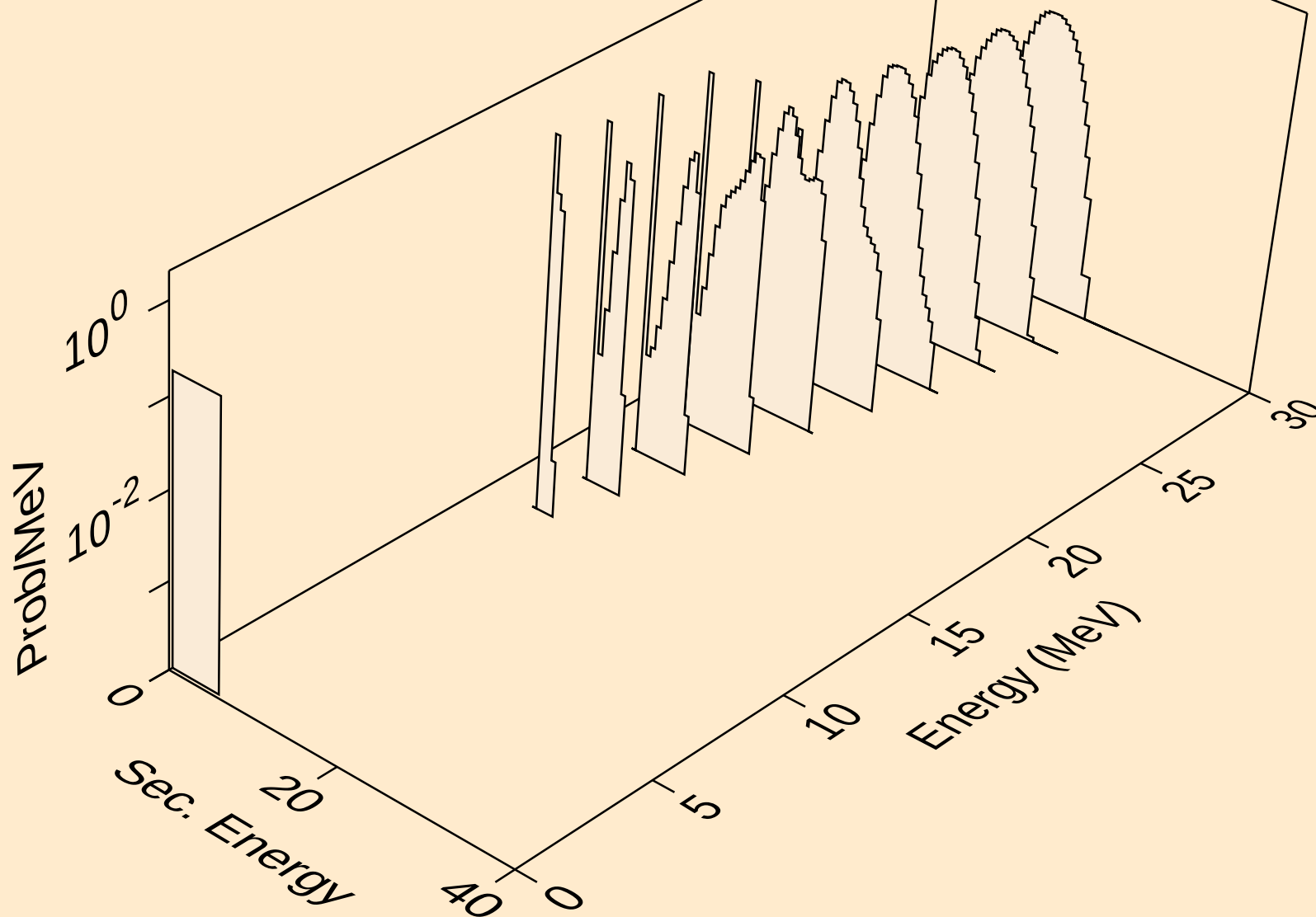
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



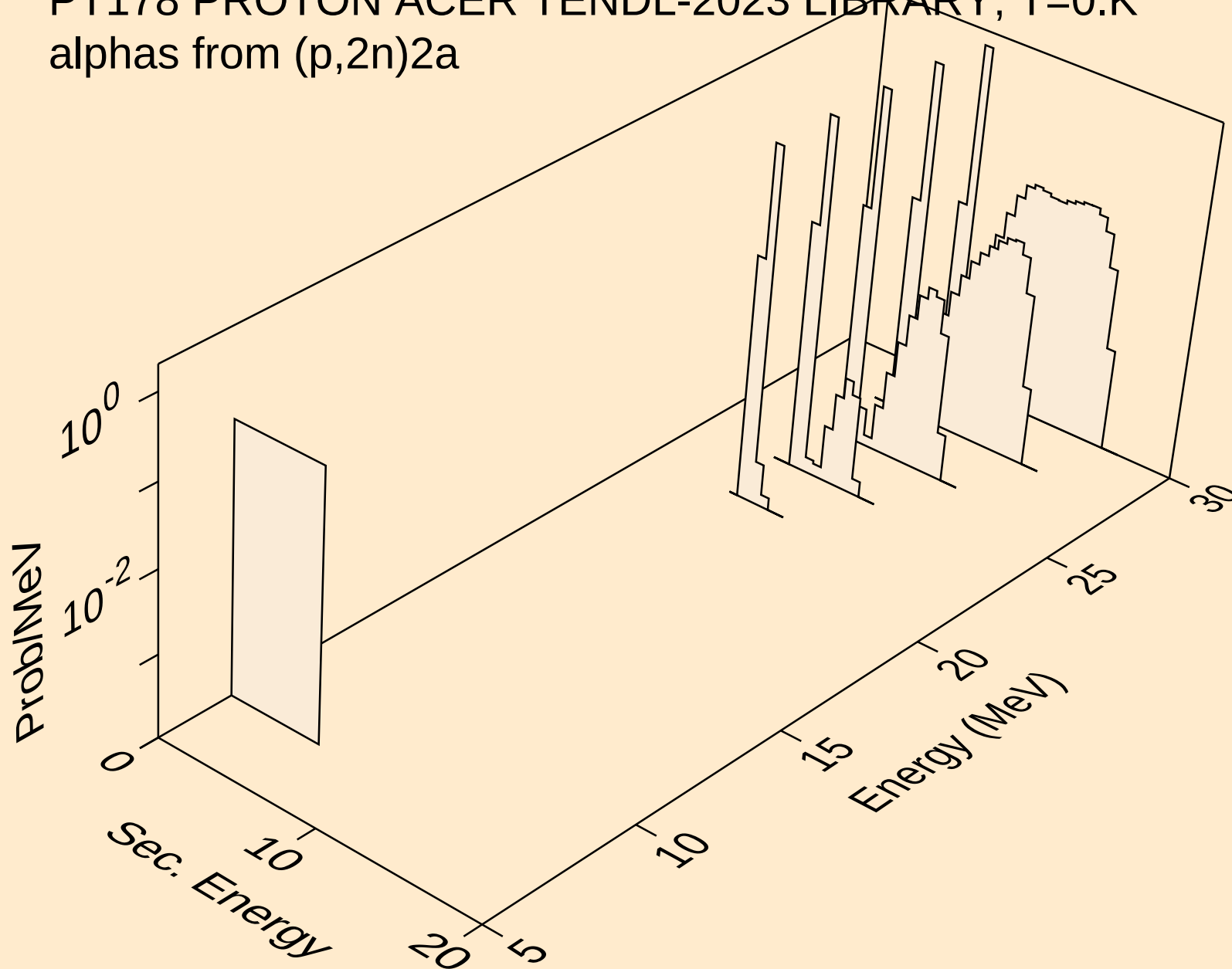
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



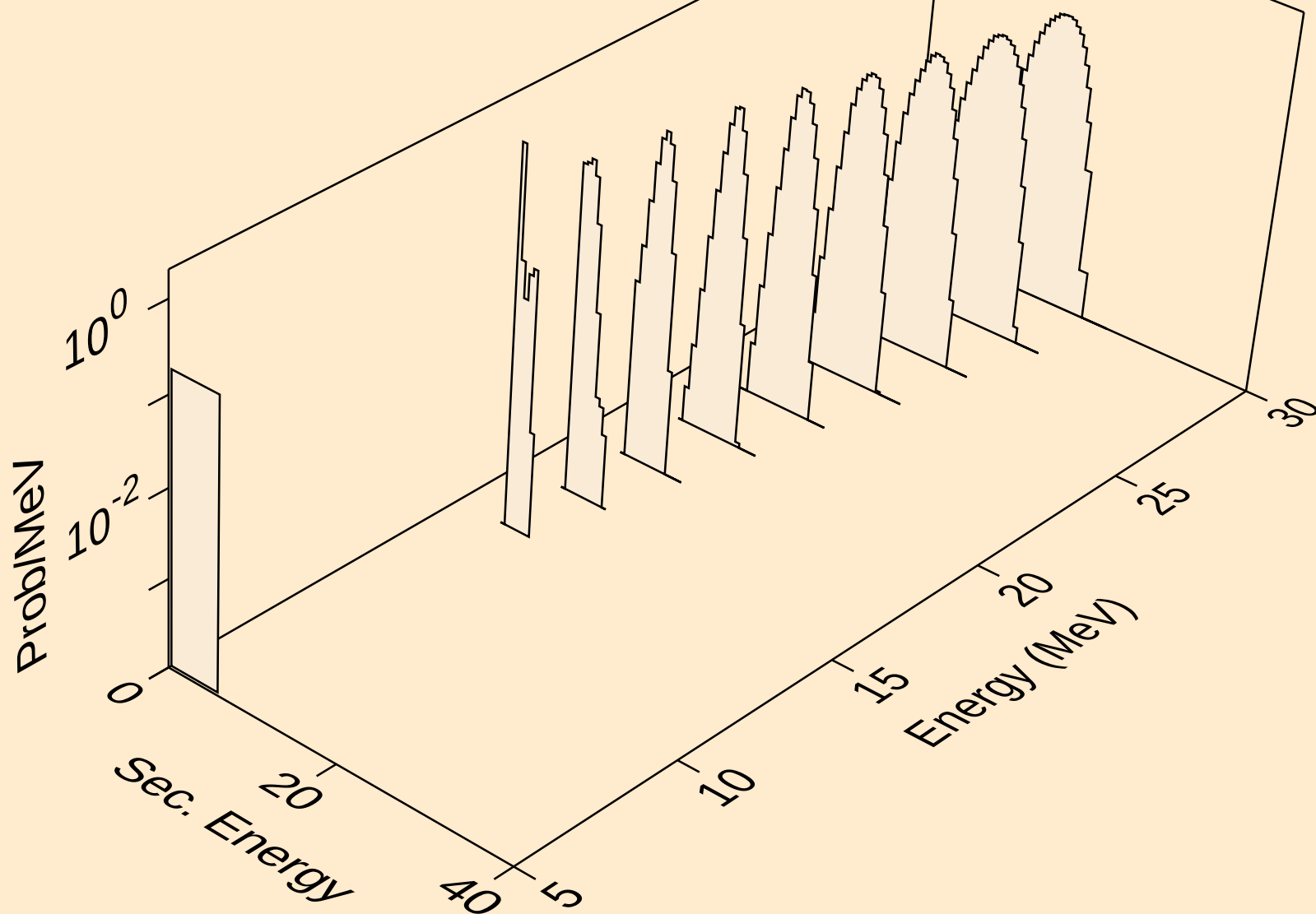
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)2a



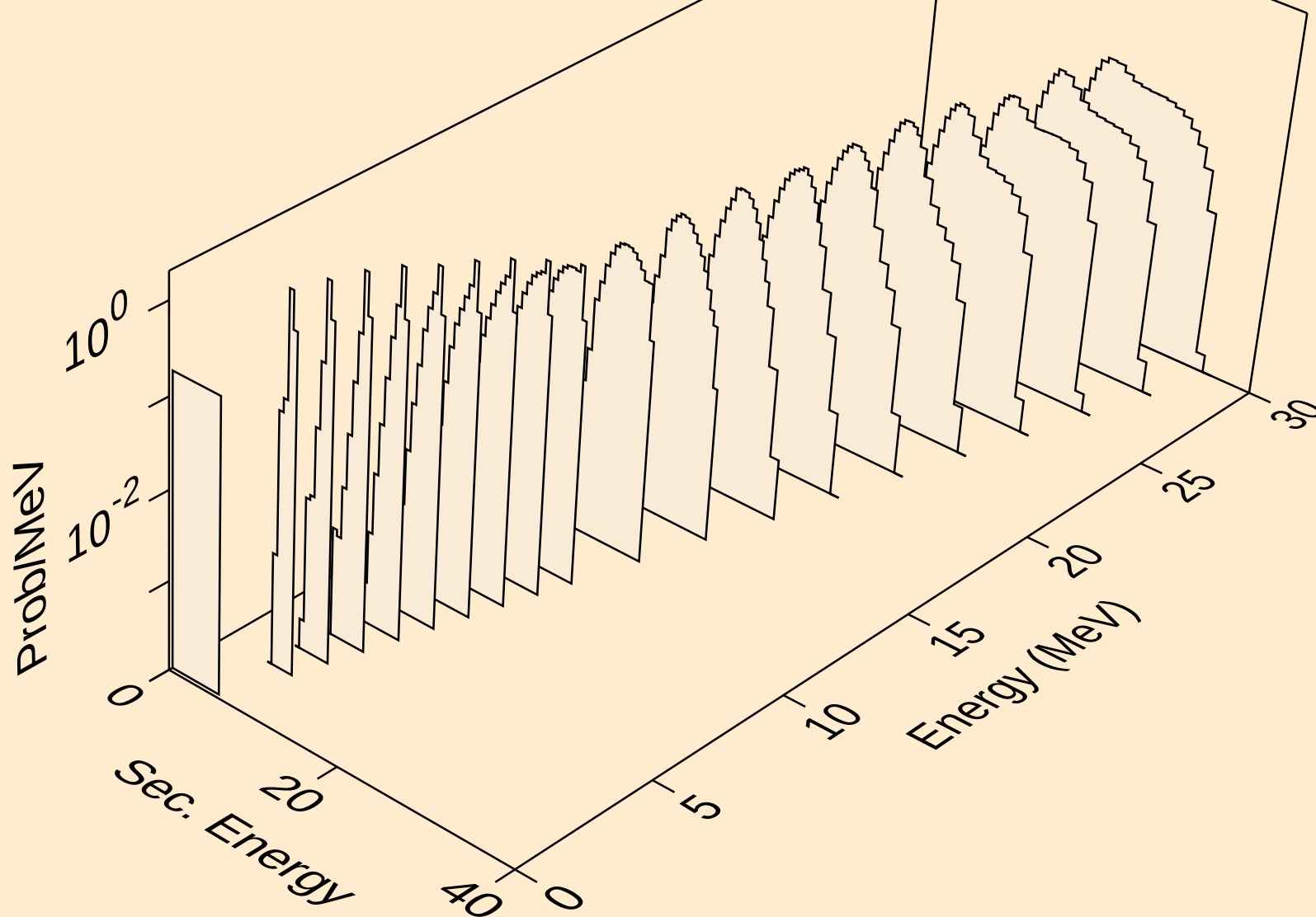
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)2a



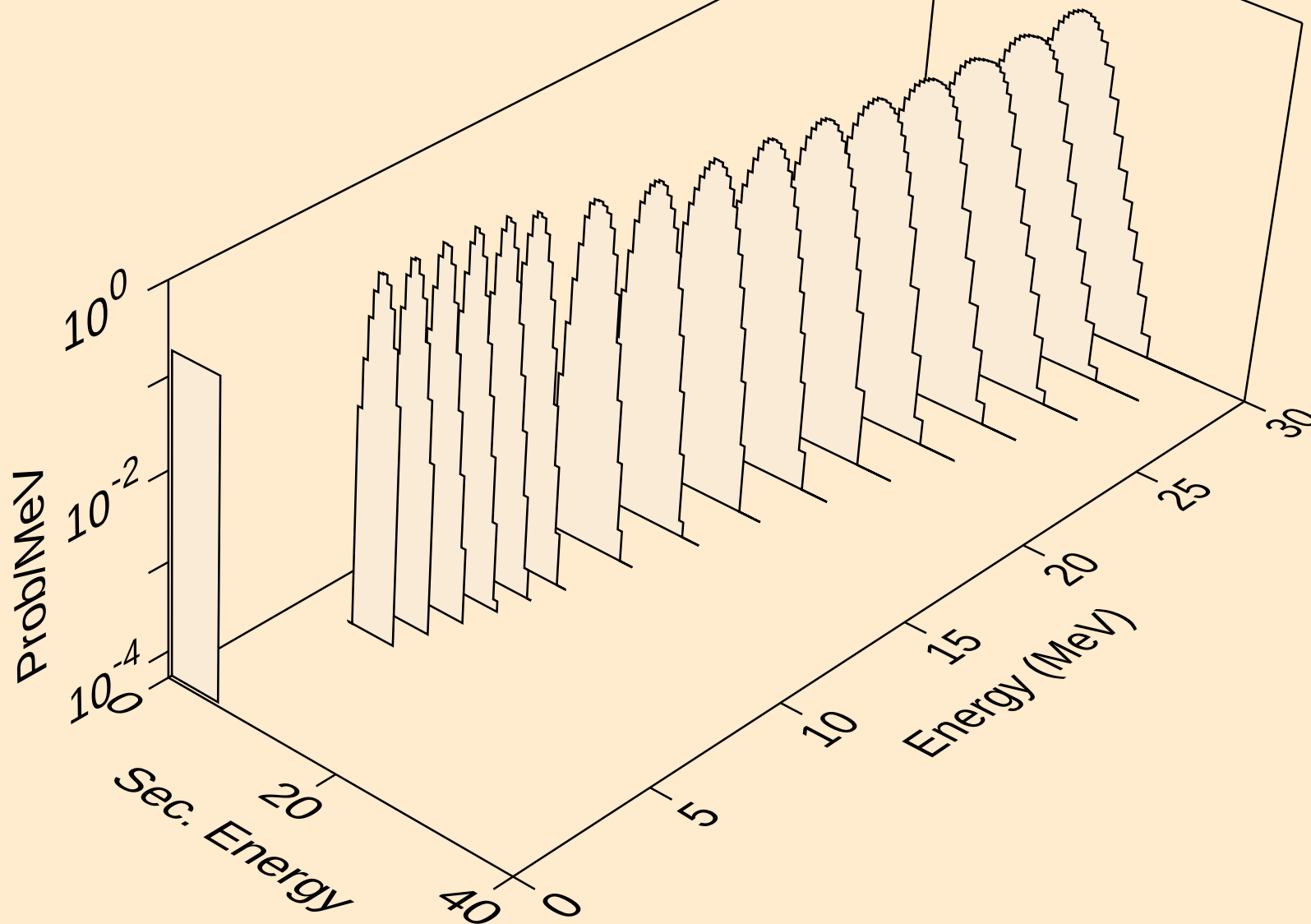
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,npa)



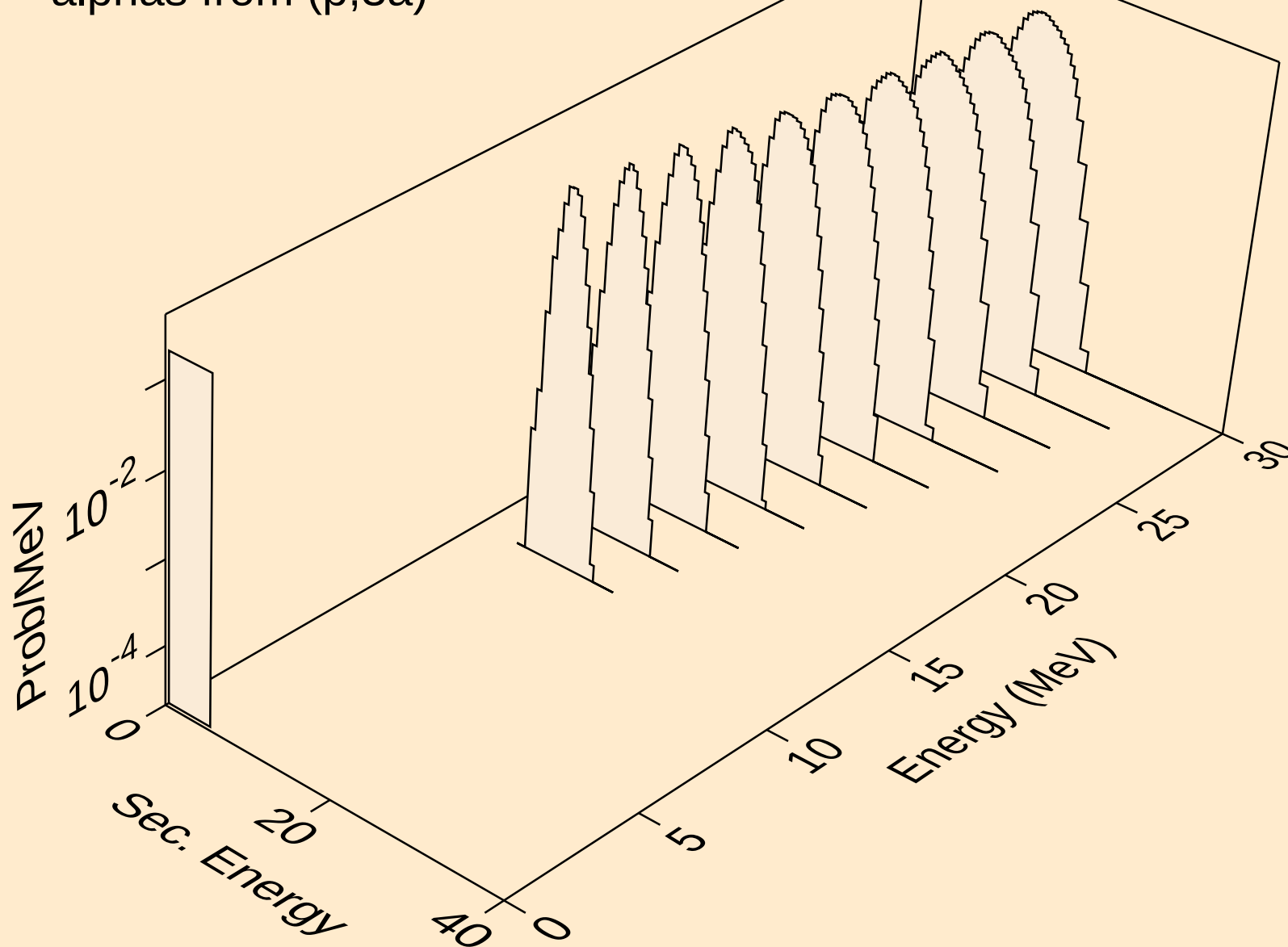
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



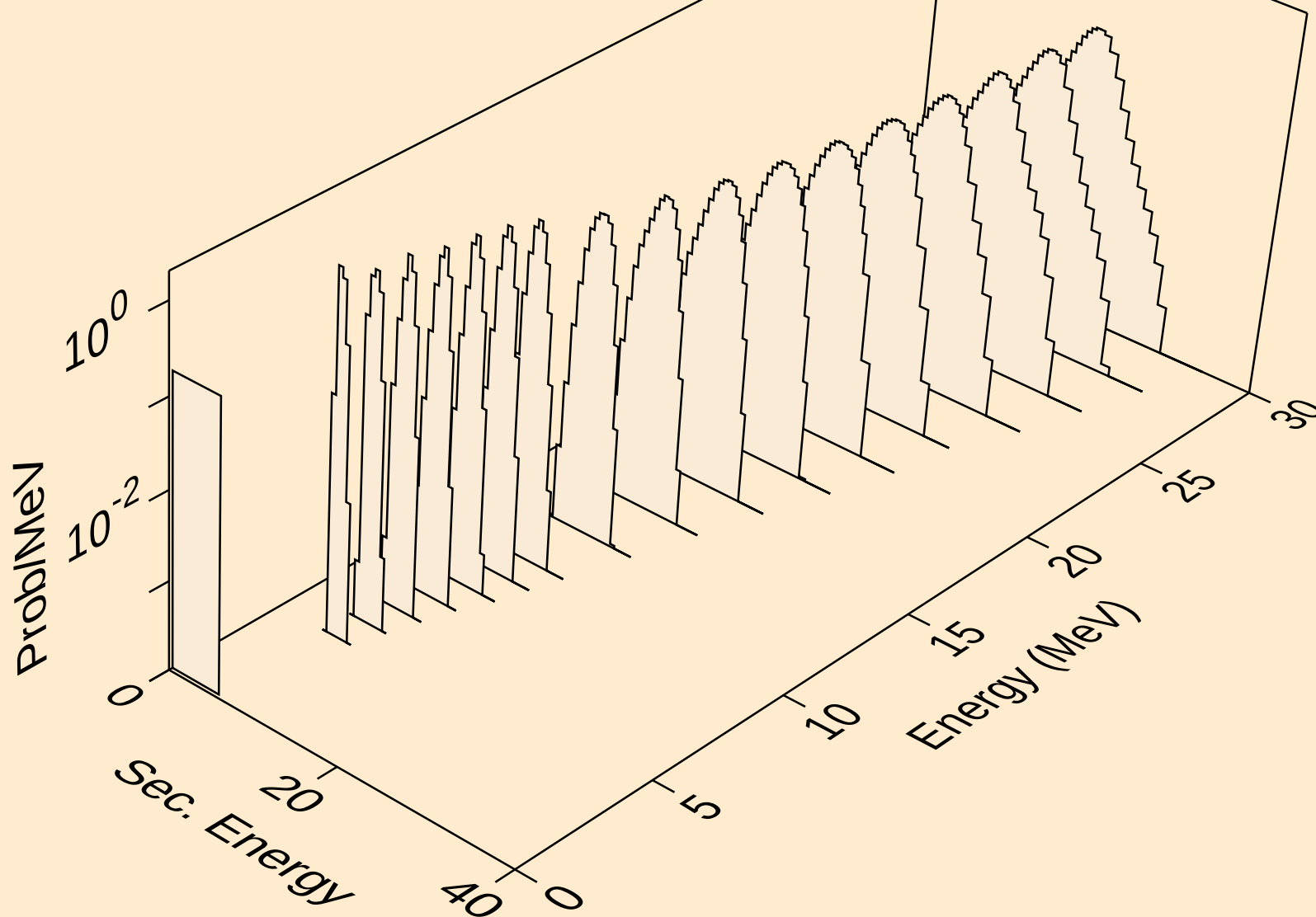
PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3a)



PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)



PT178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,da)

