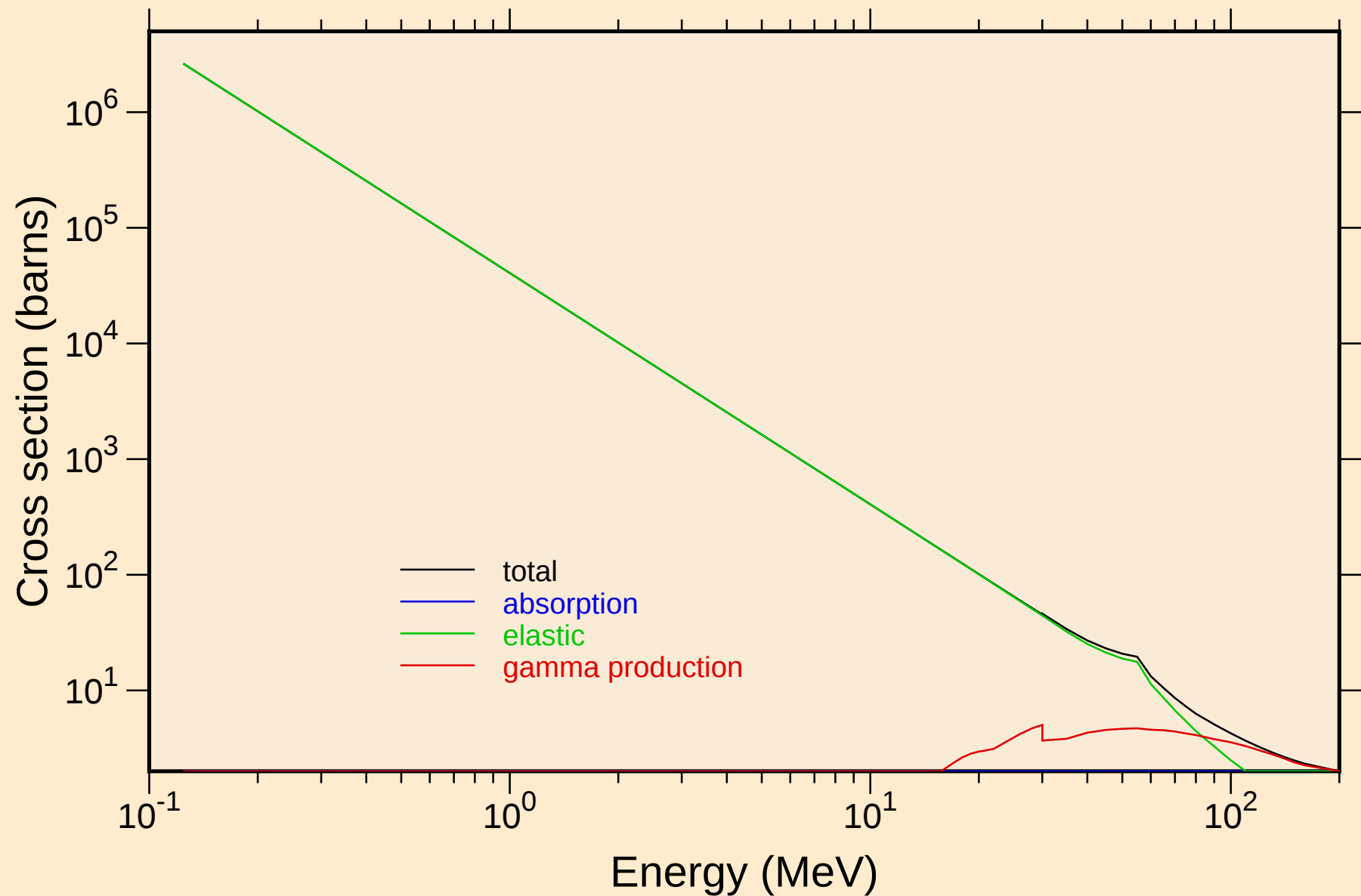
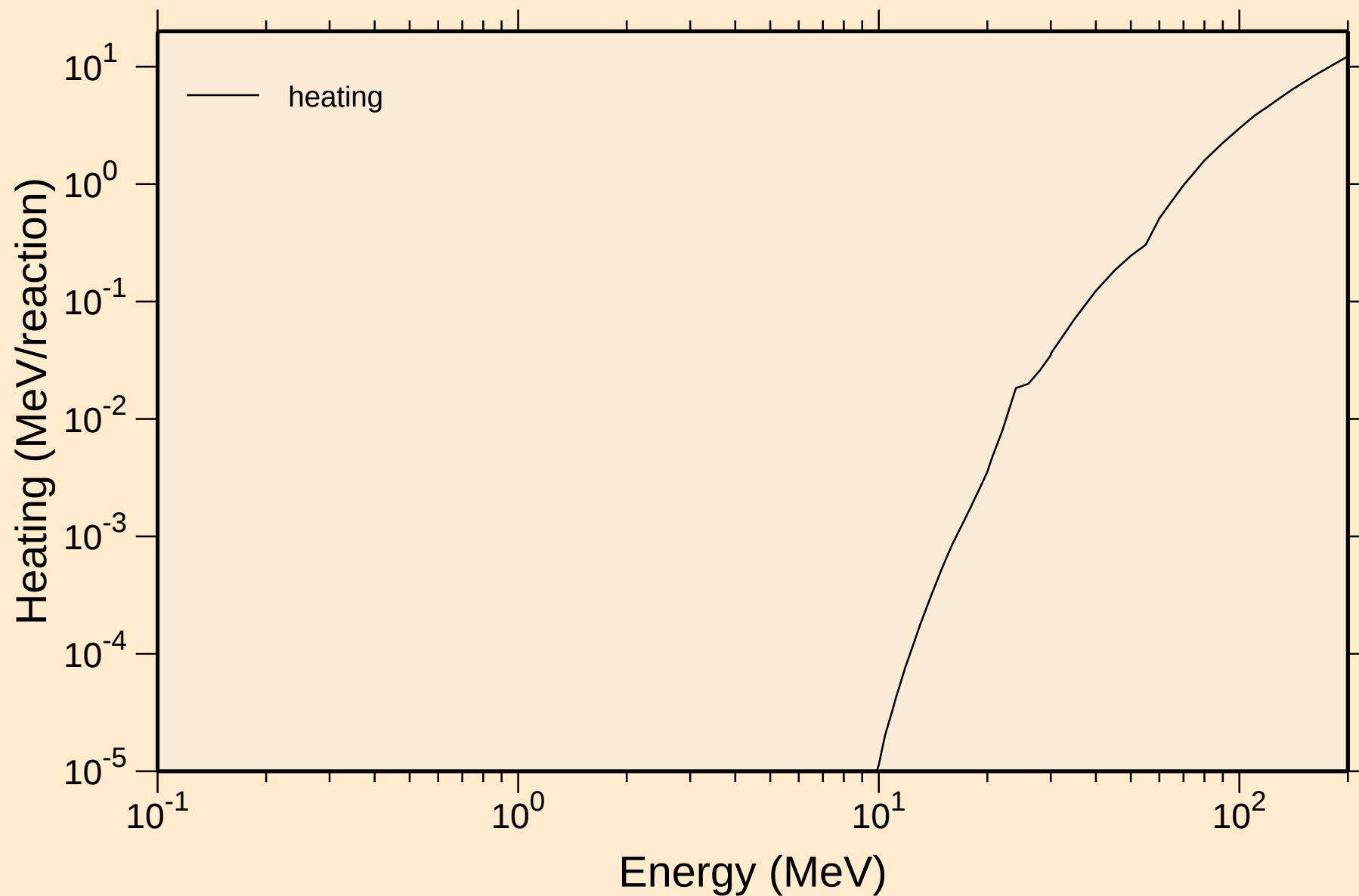


TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Principal cross sections



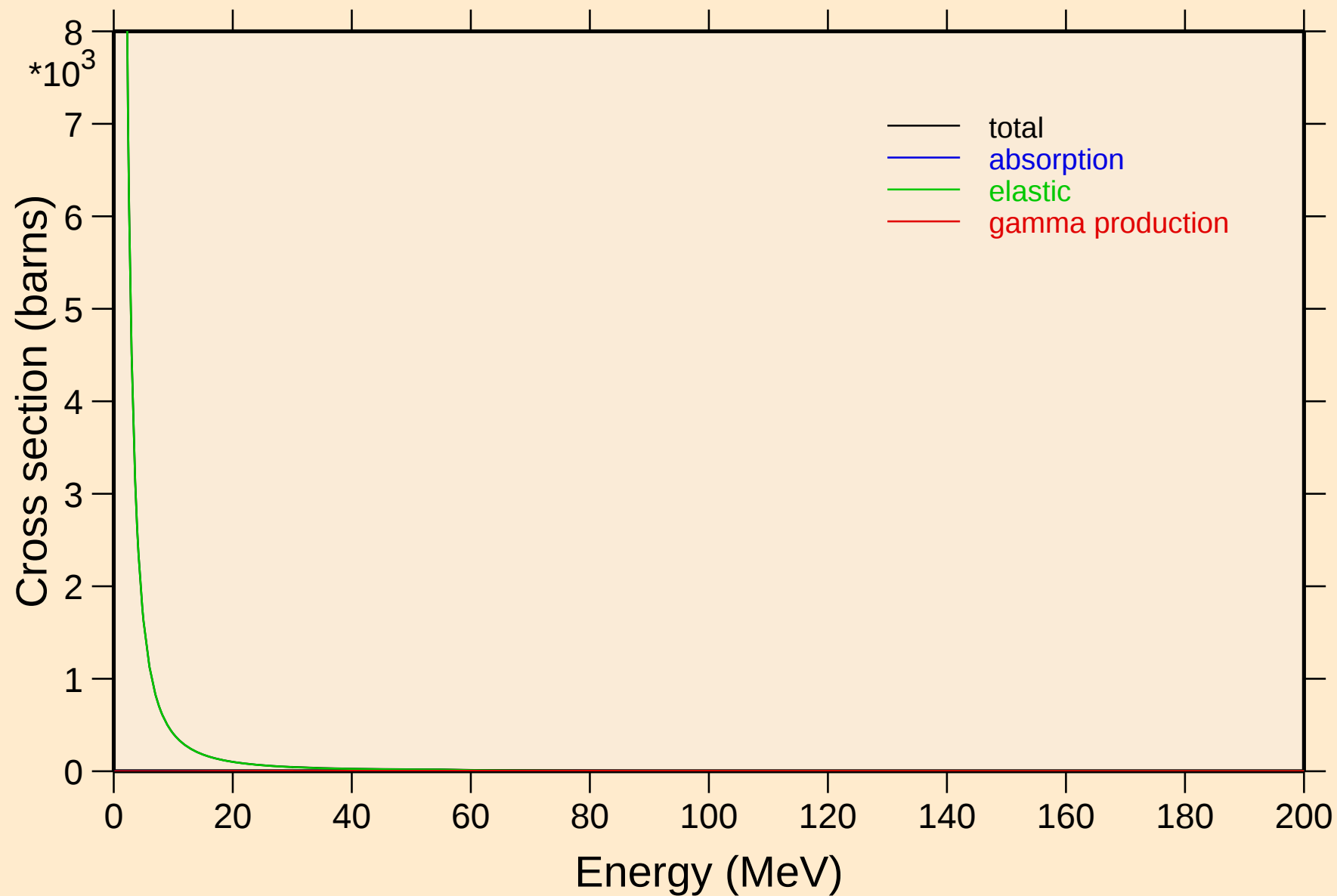
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating



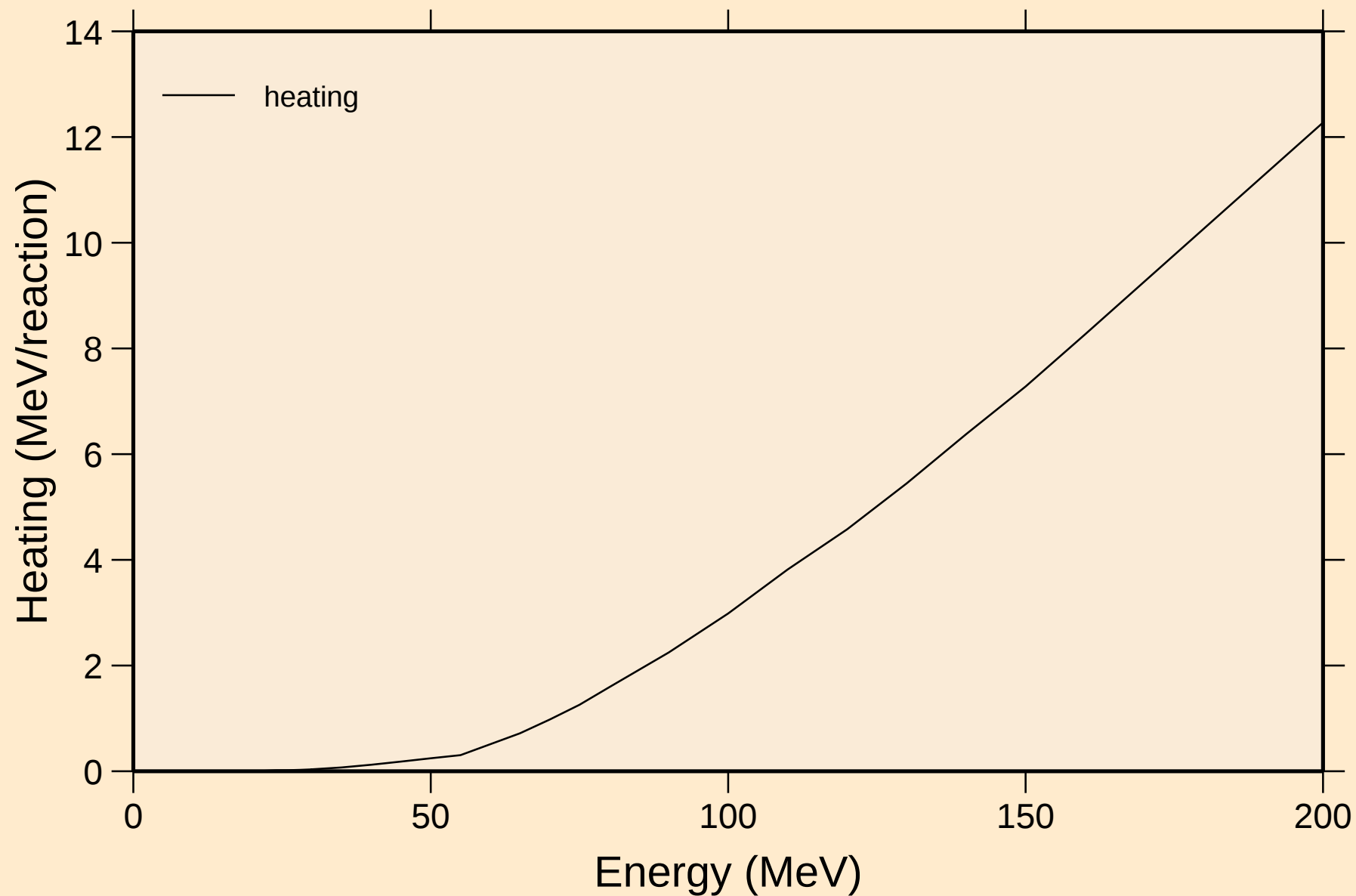
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



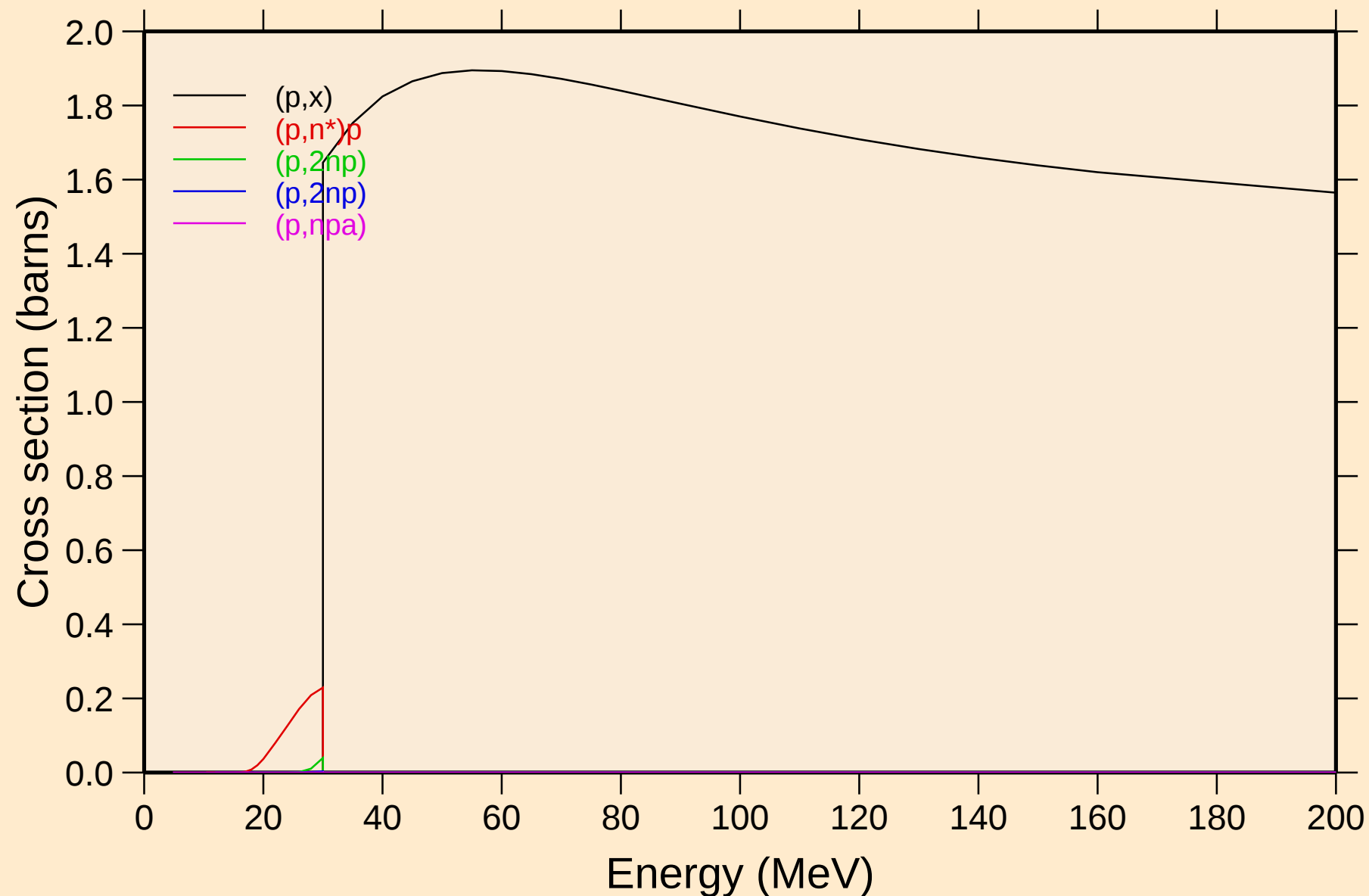
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating

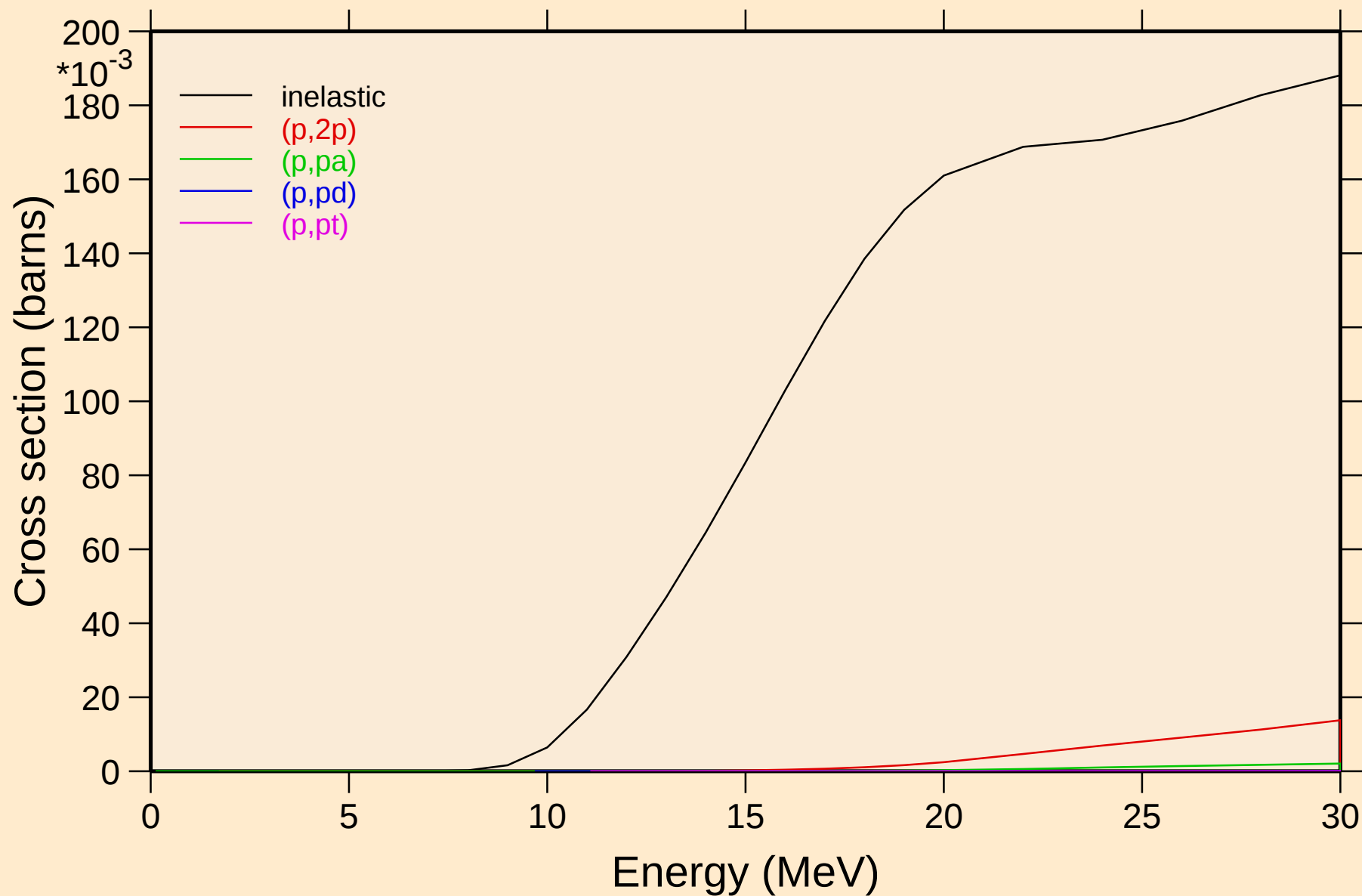


TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K

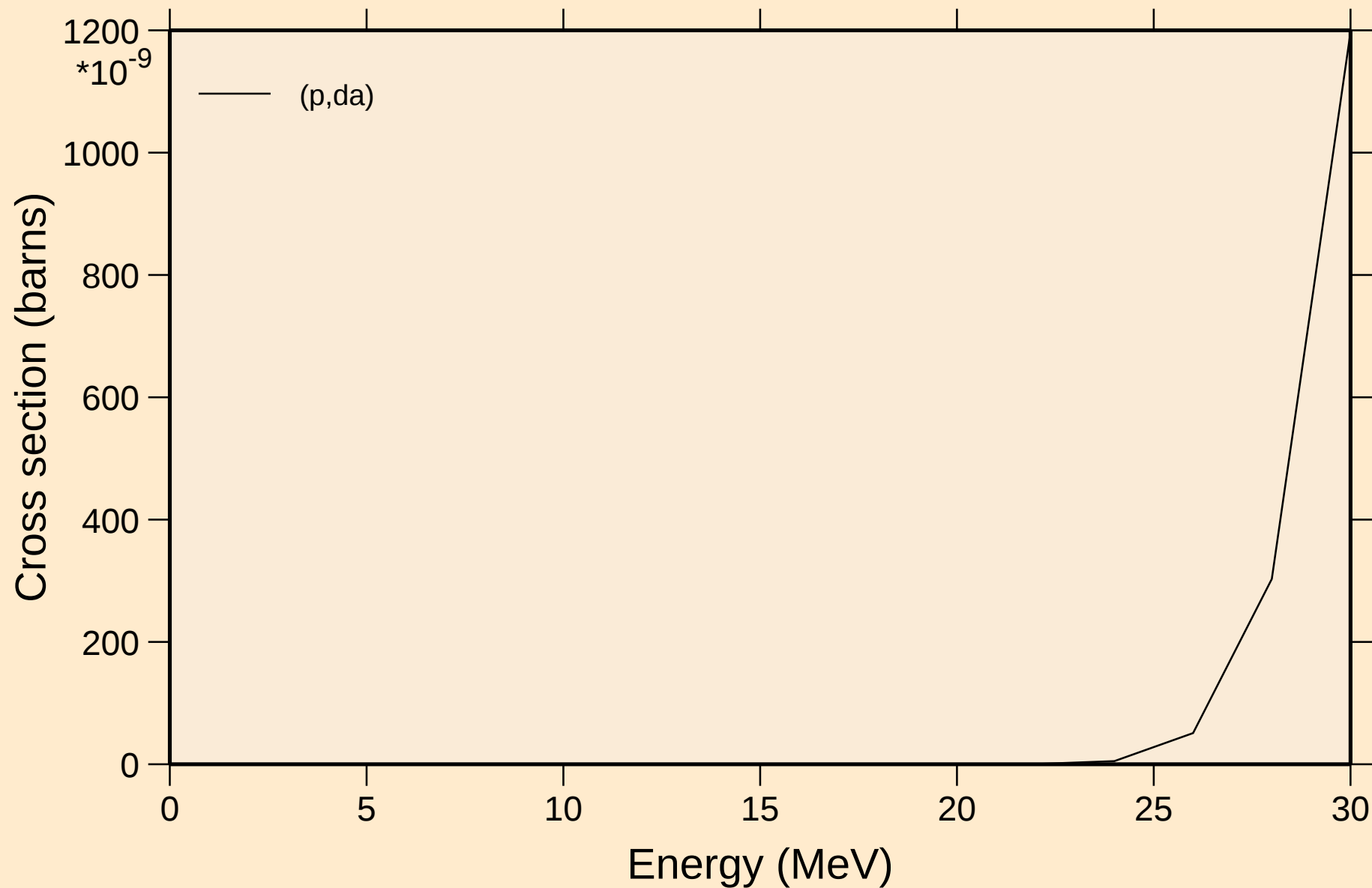
Threshold reactions



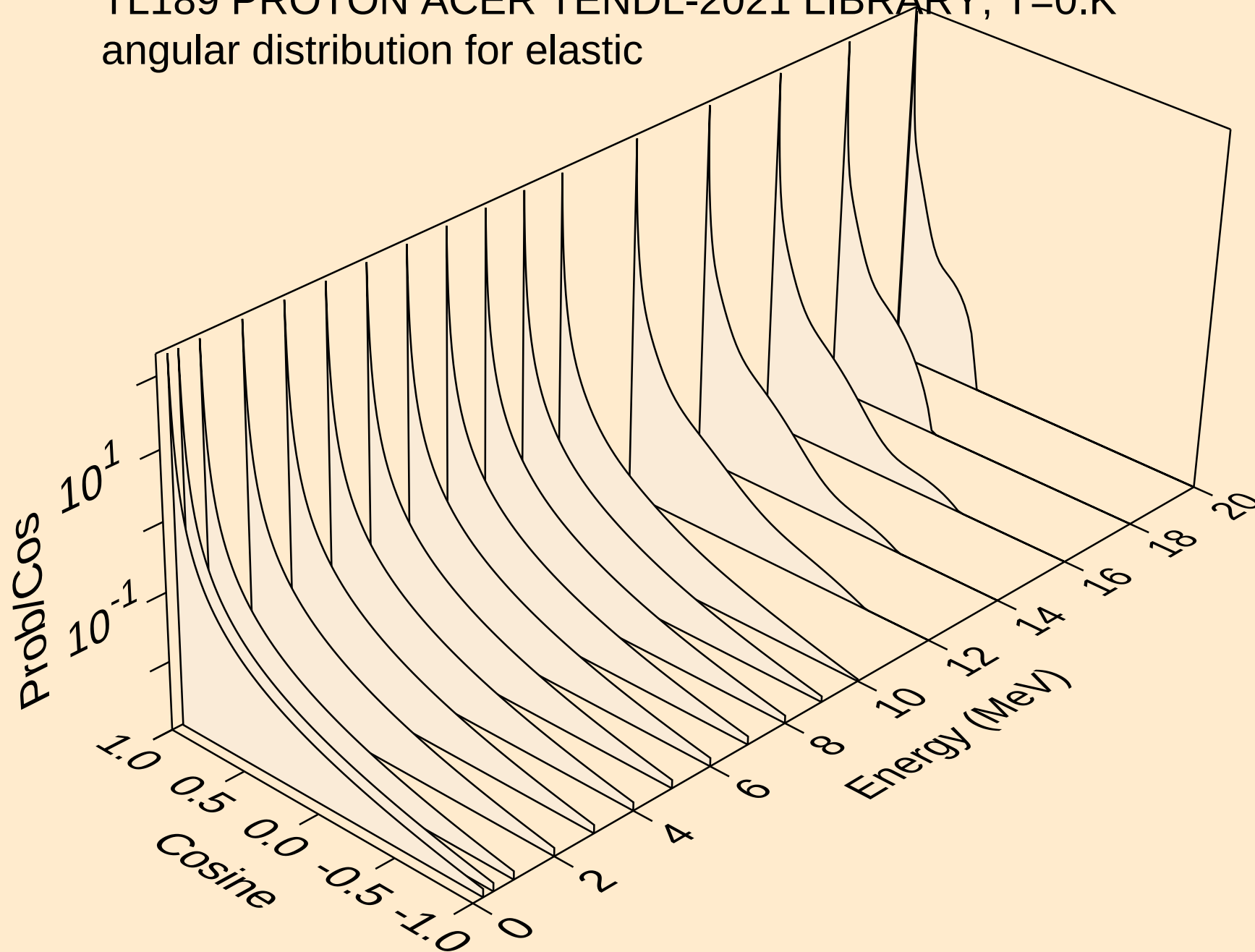
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



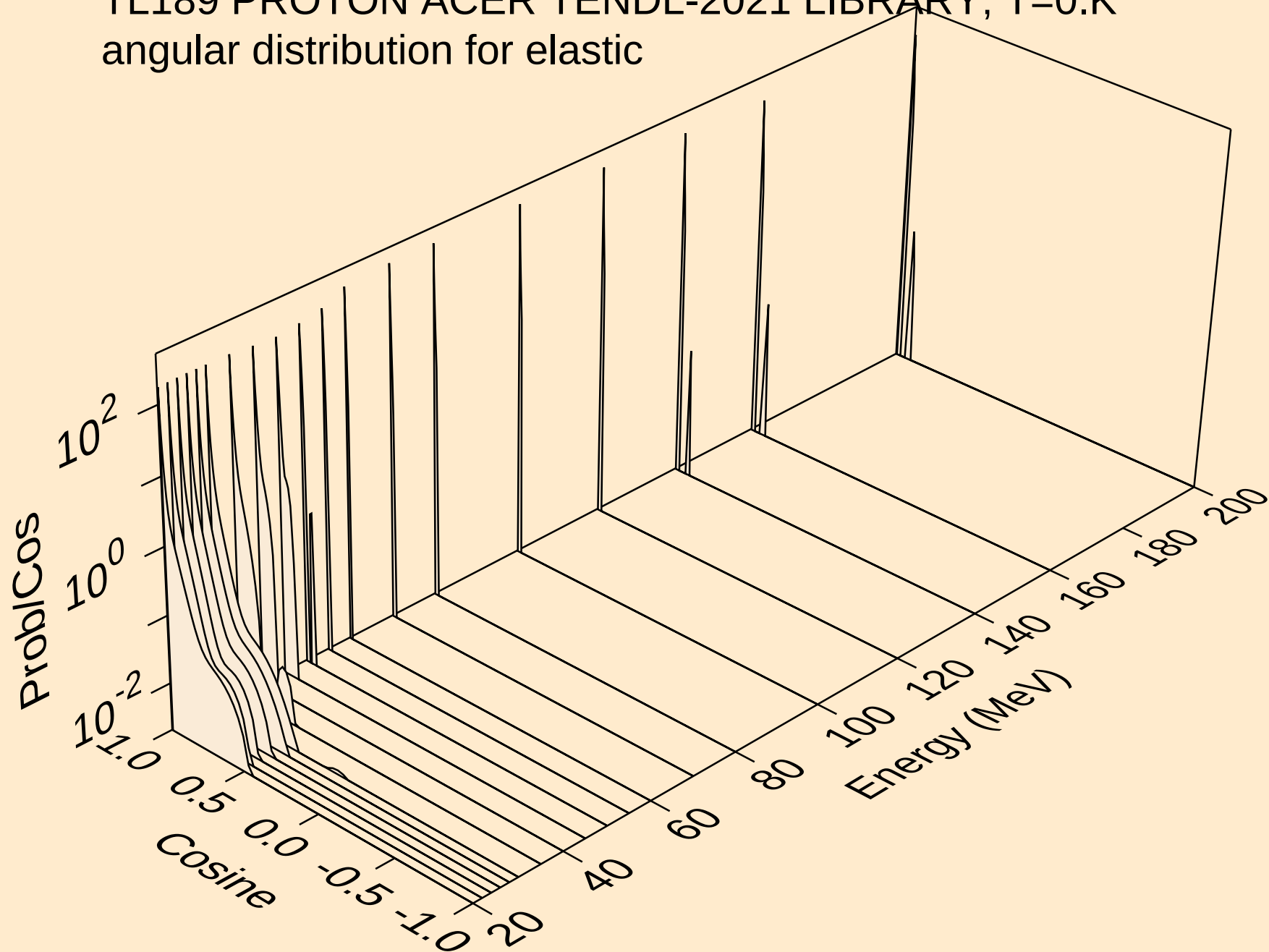
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



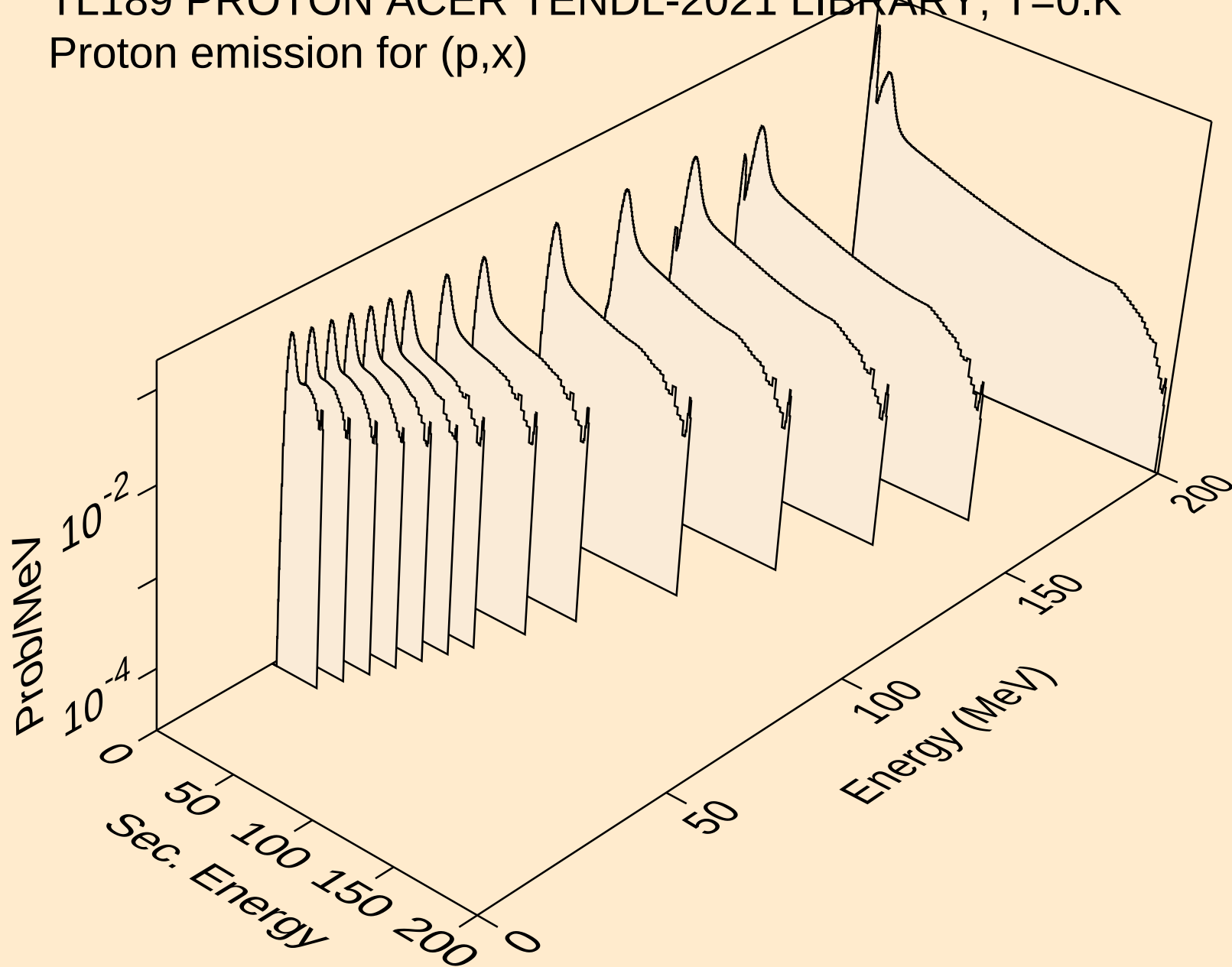
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



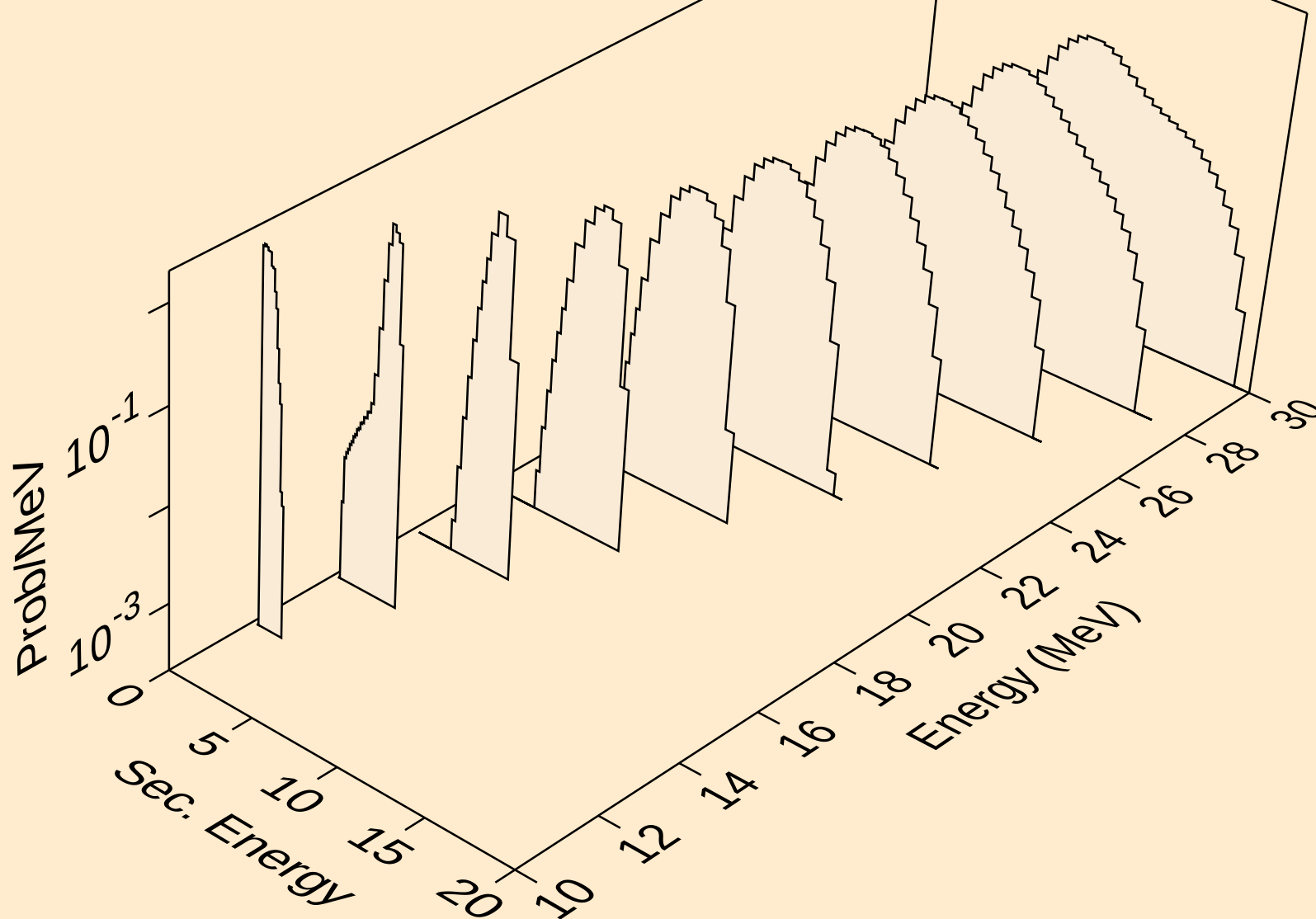
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



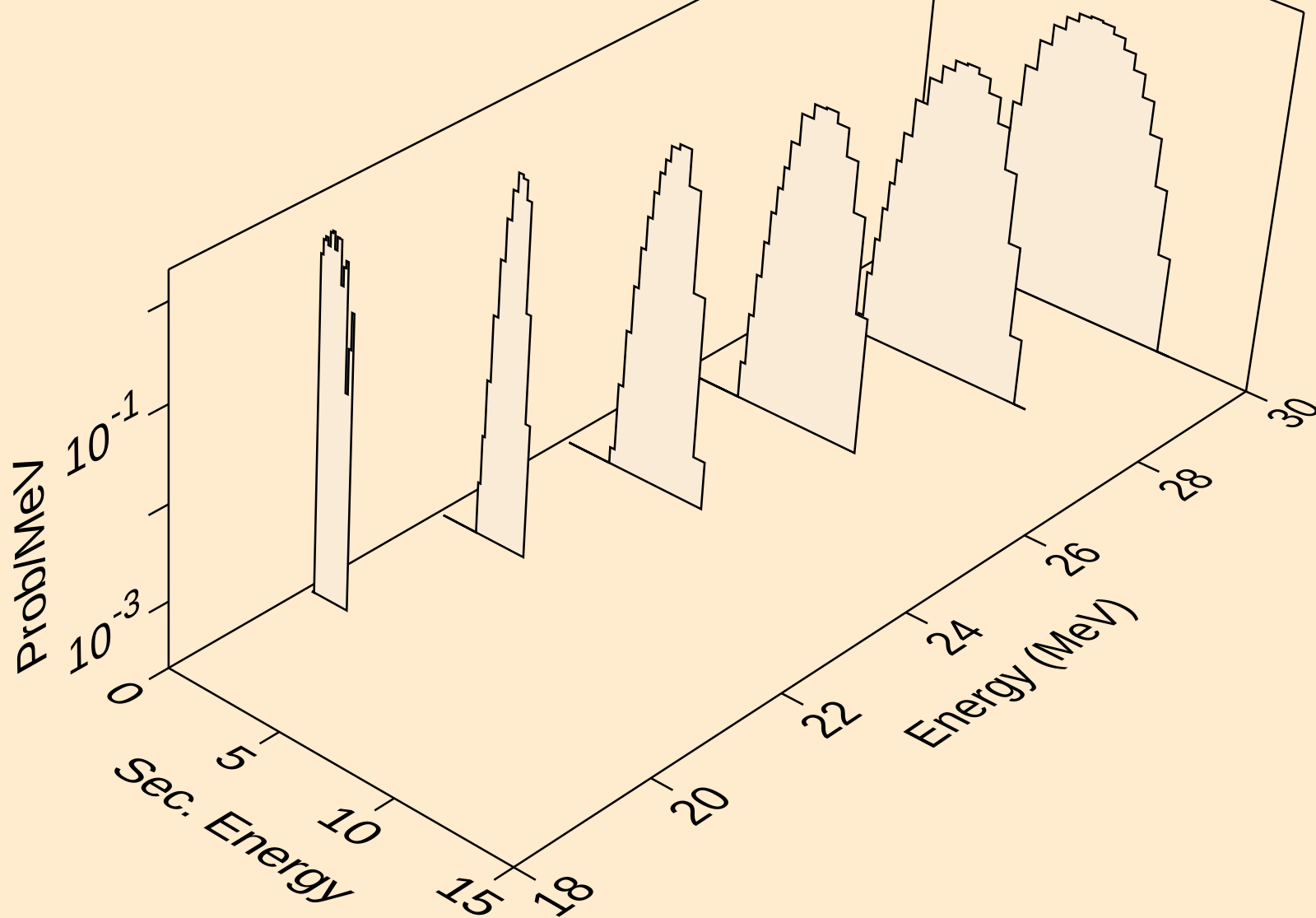
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,x)



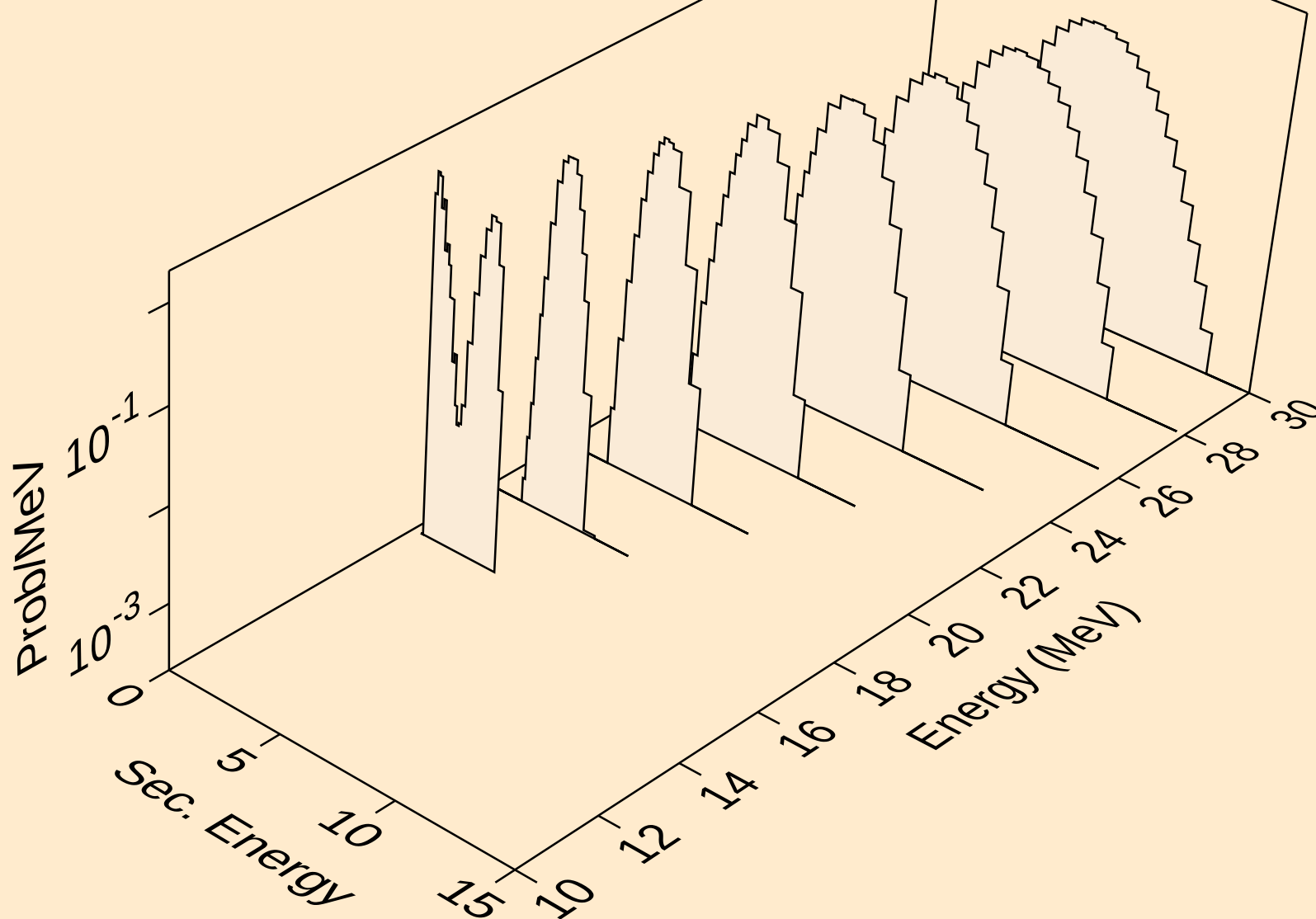
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,n*)p



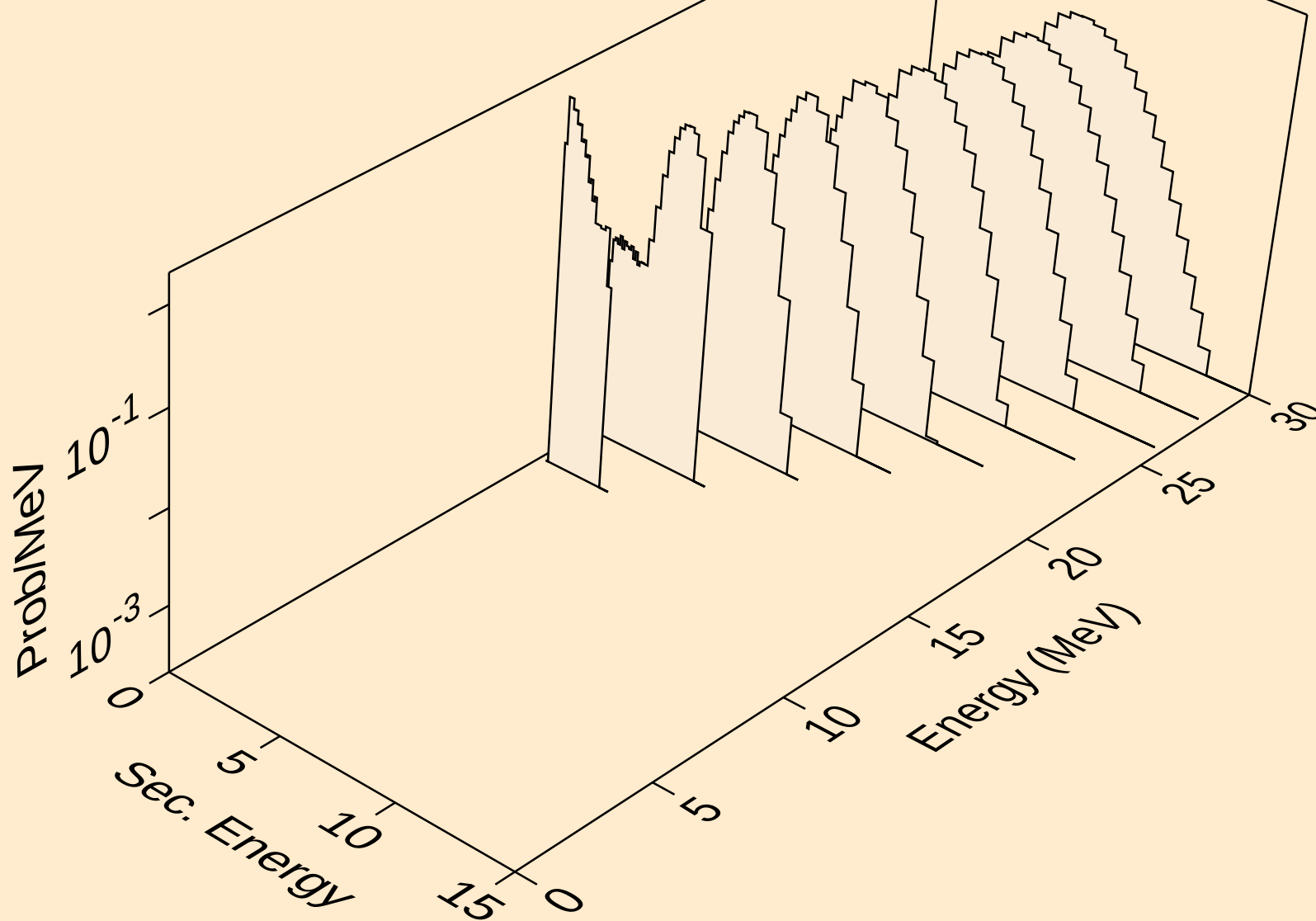
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,2np)



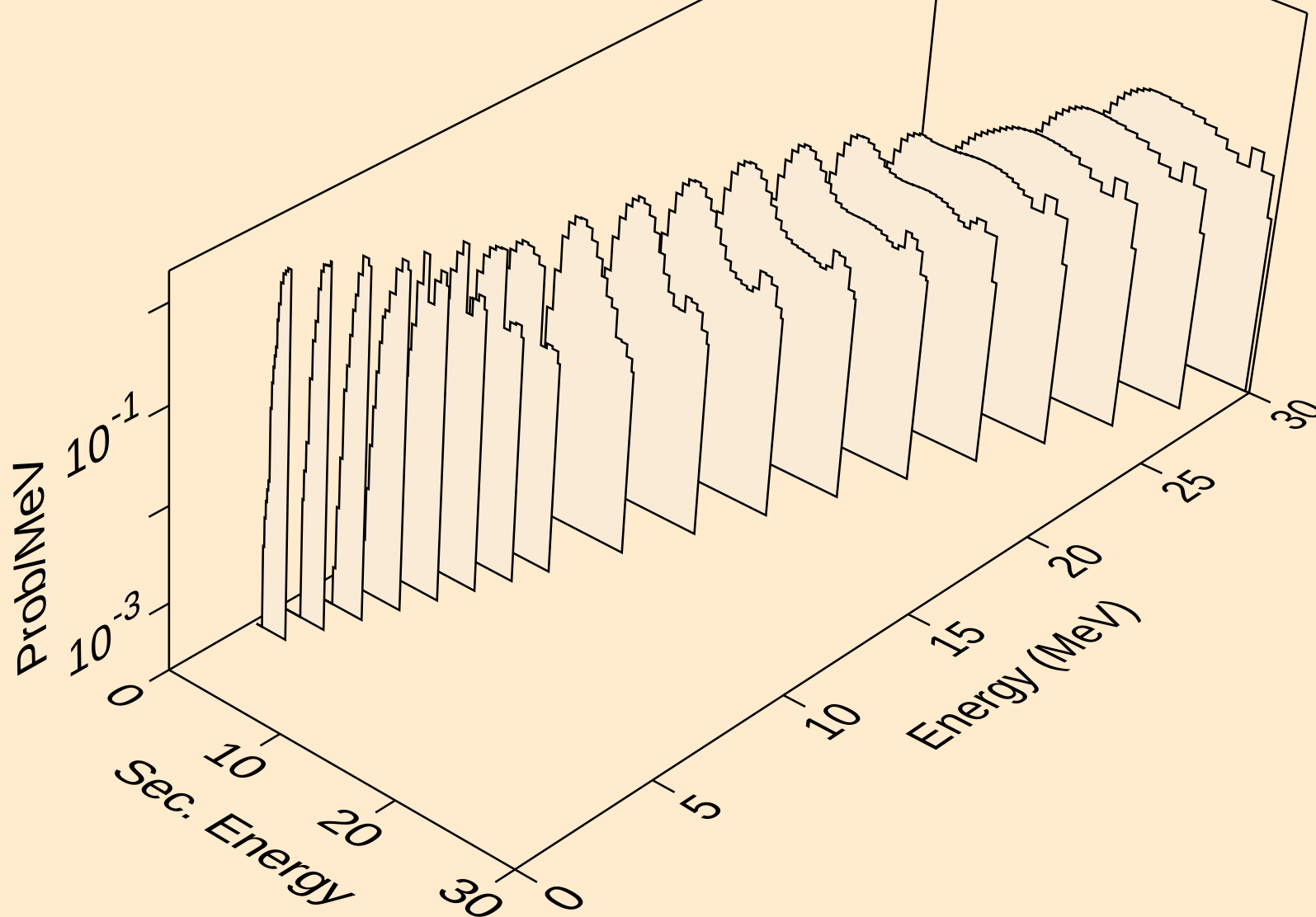
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,2np)



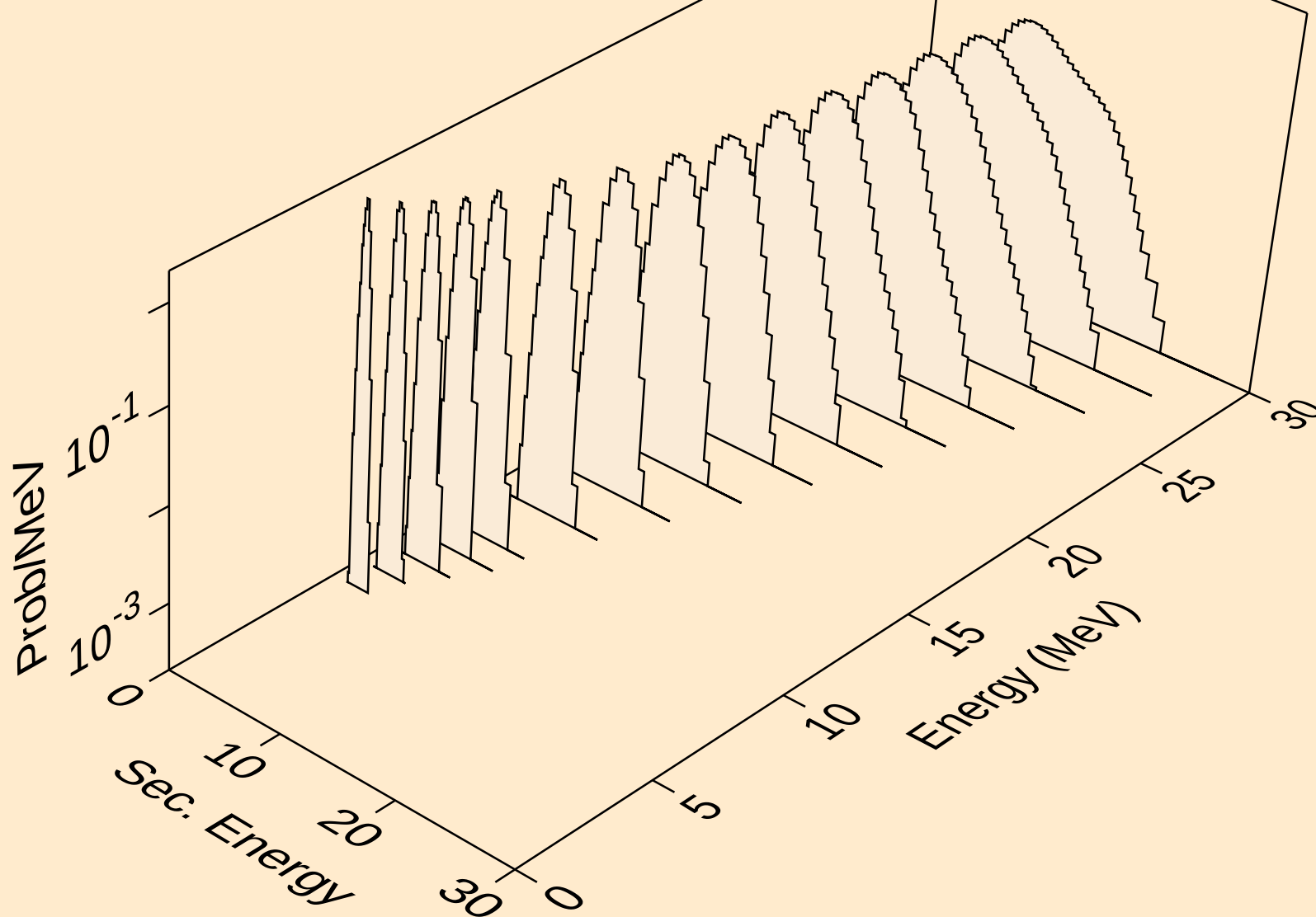
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,npa)



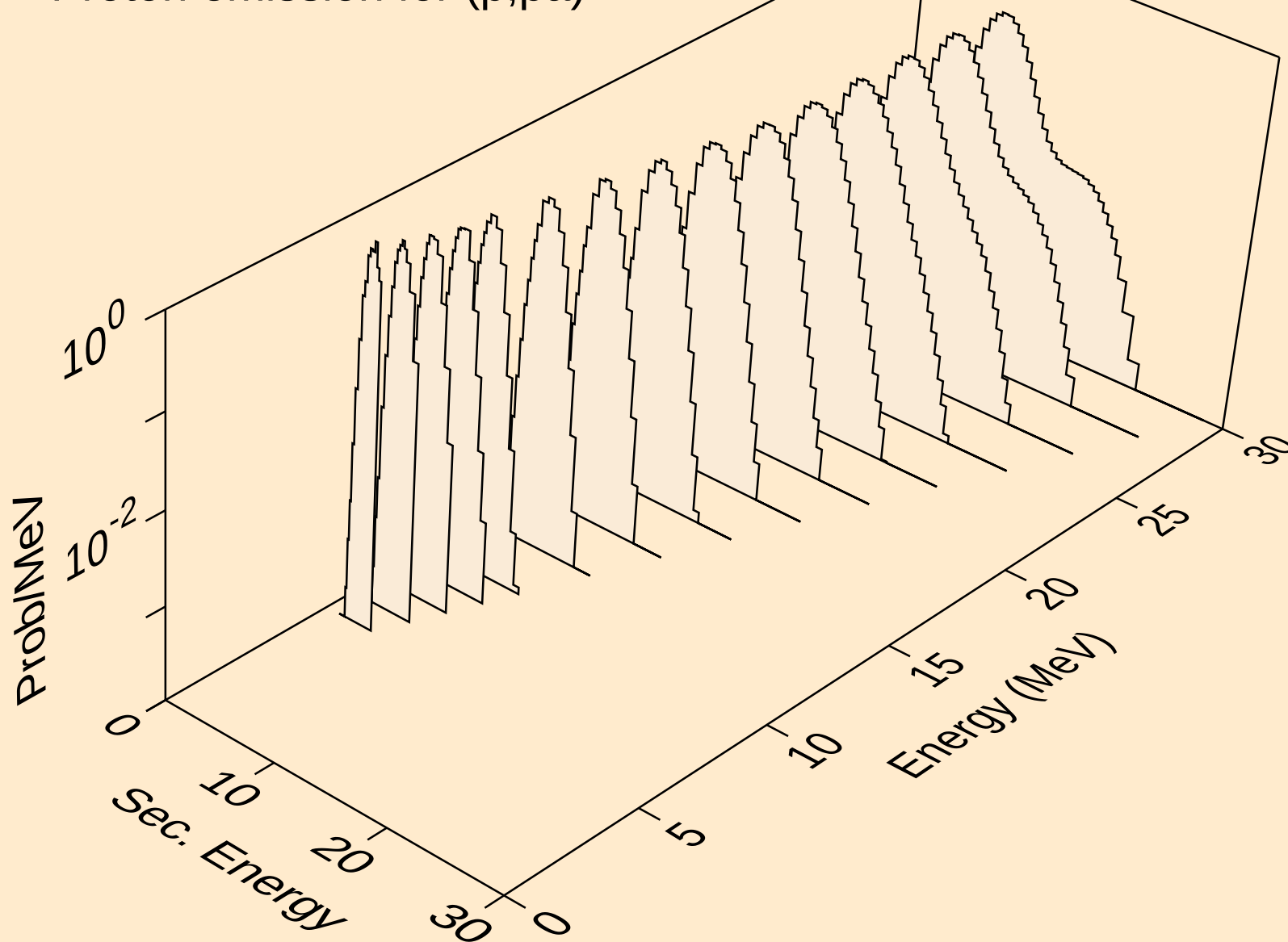
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for inelastic



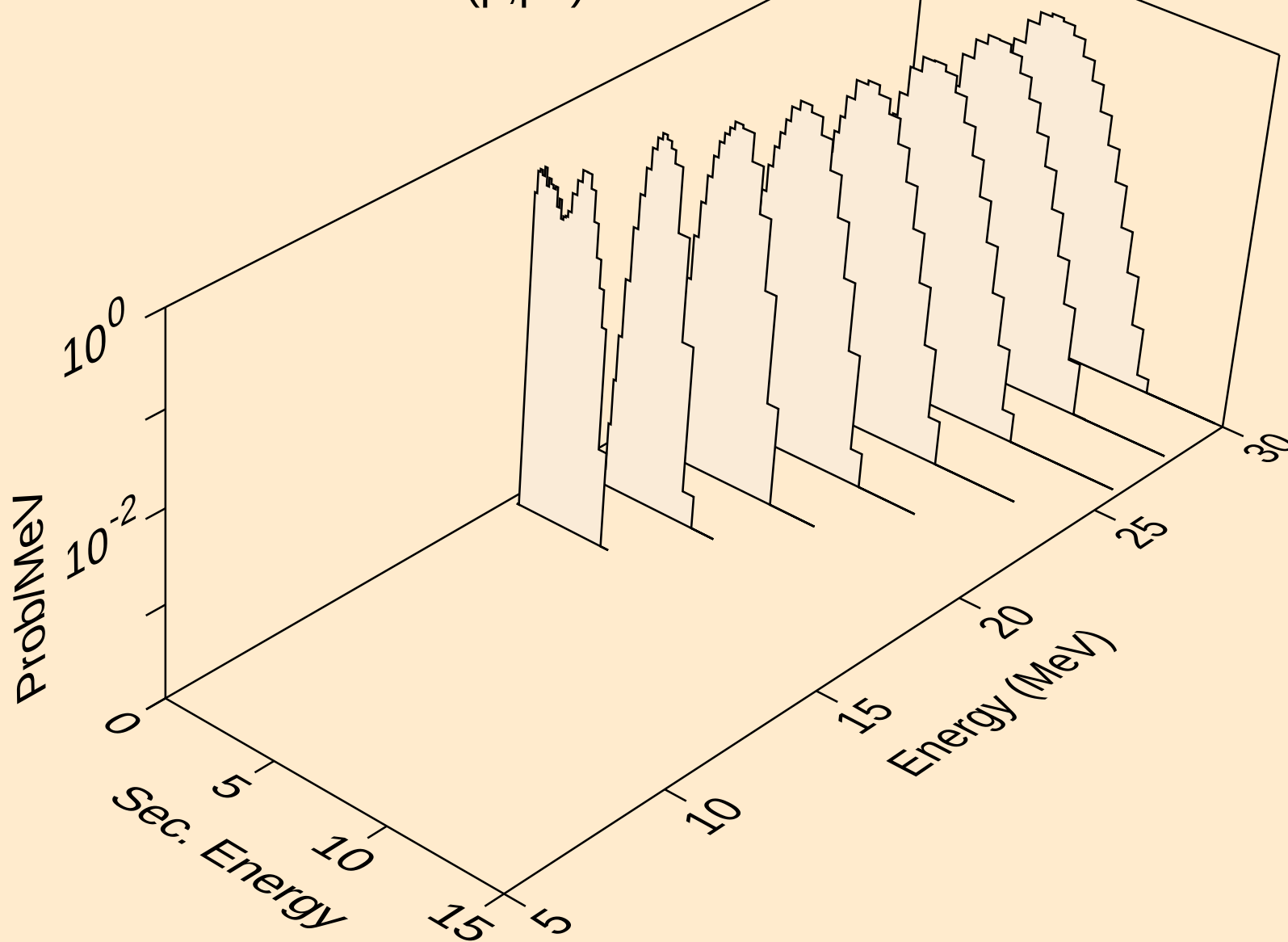
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,2p)



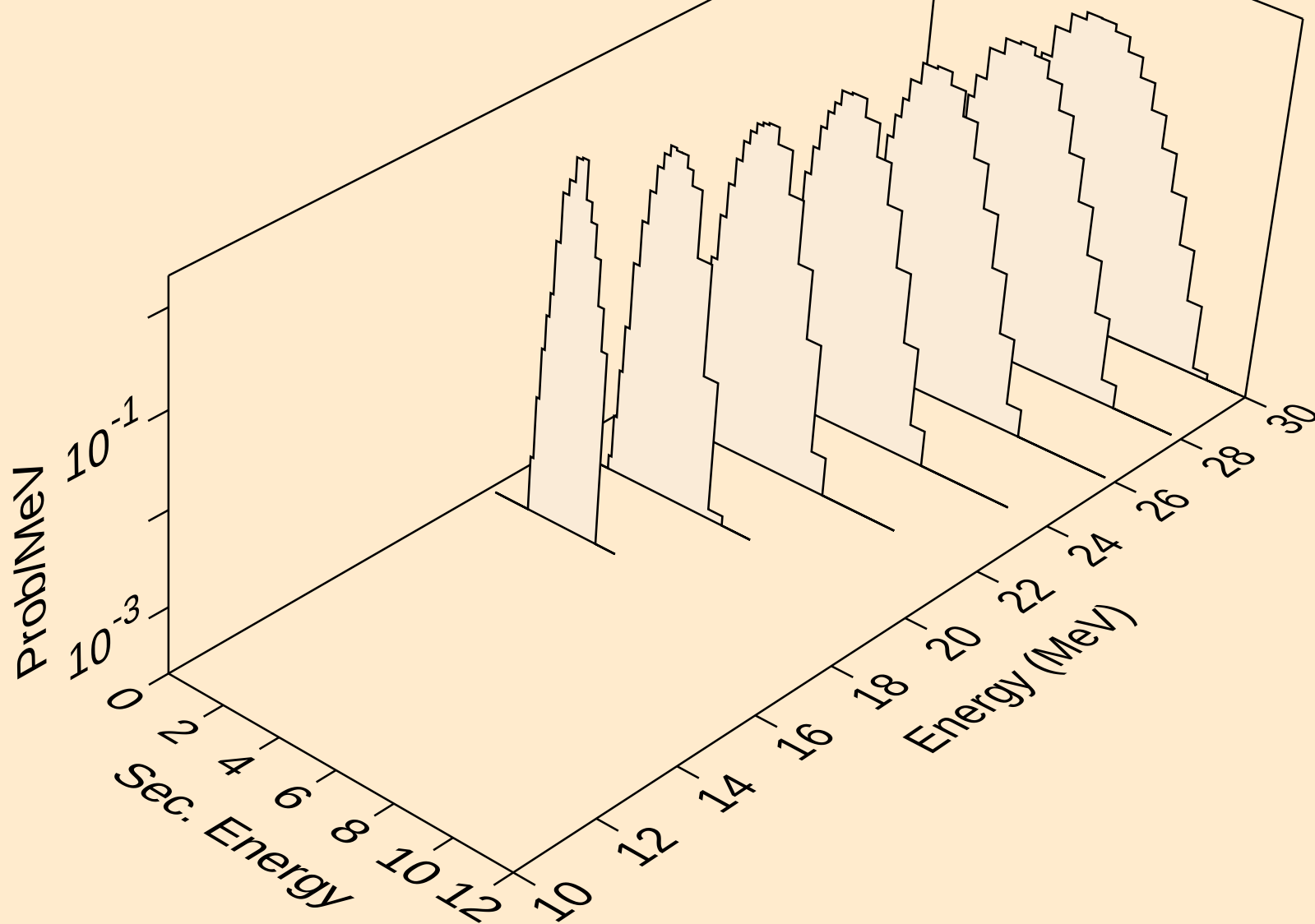
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,pa)



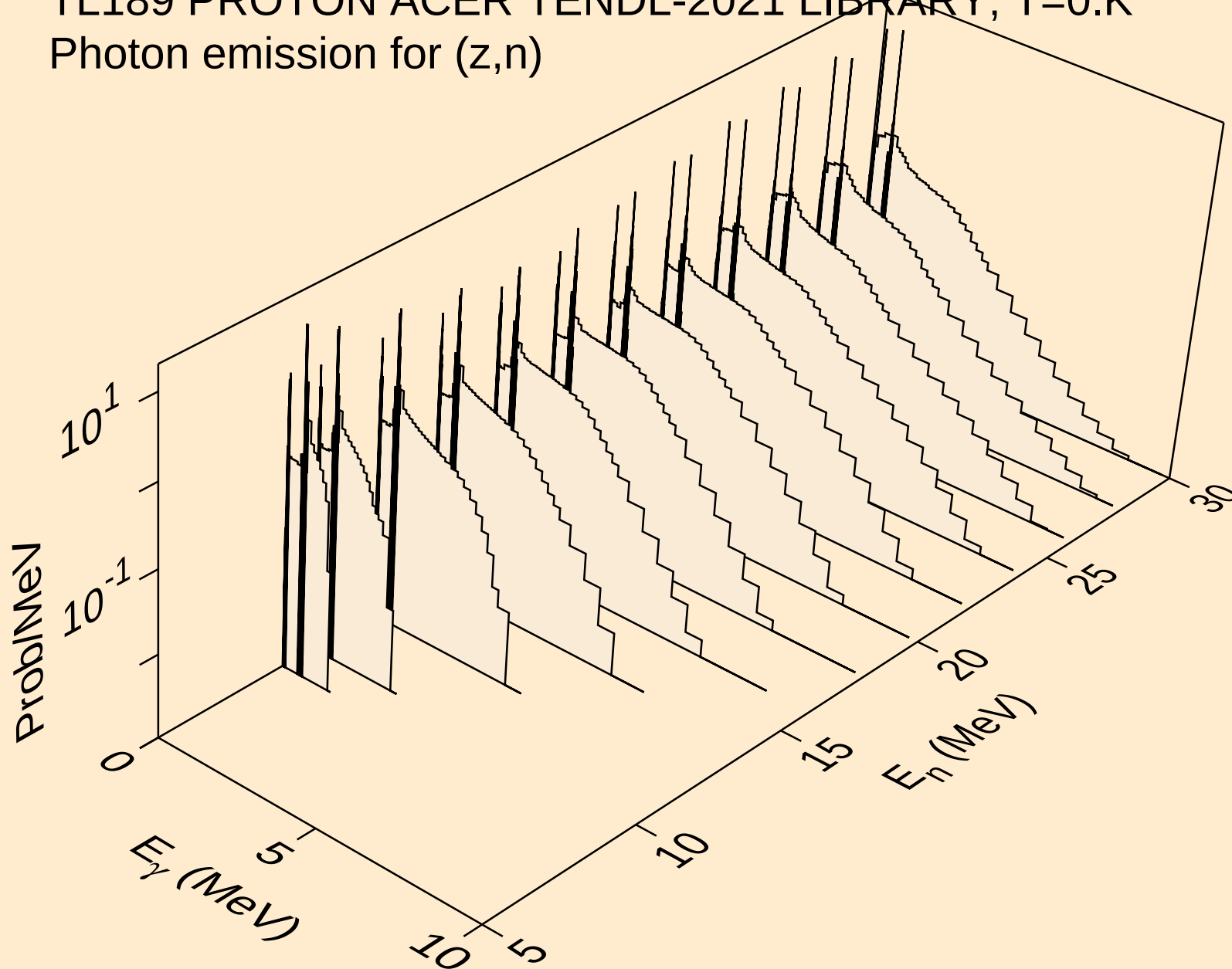
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,pd)



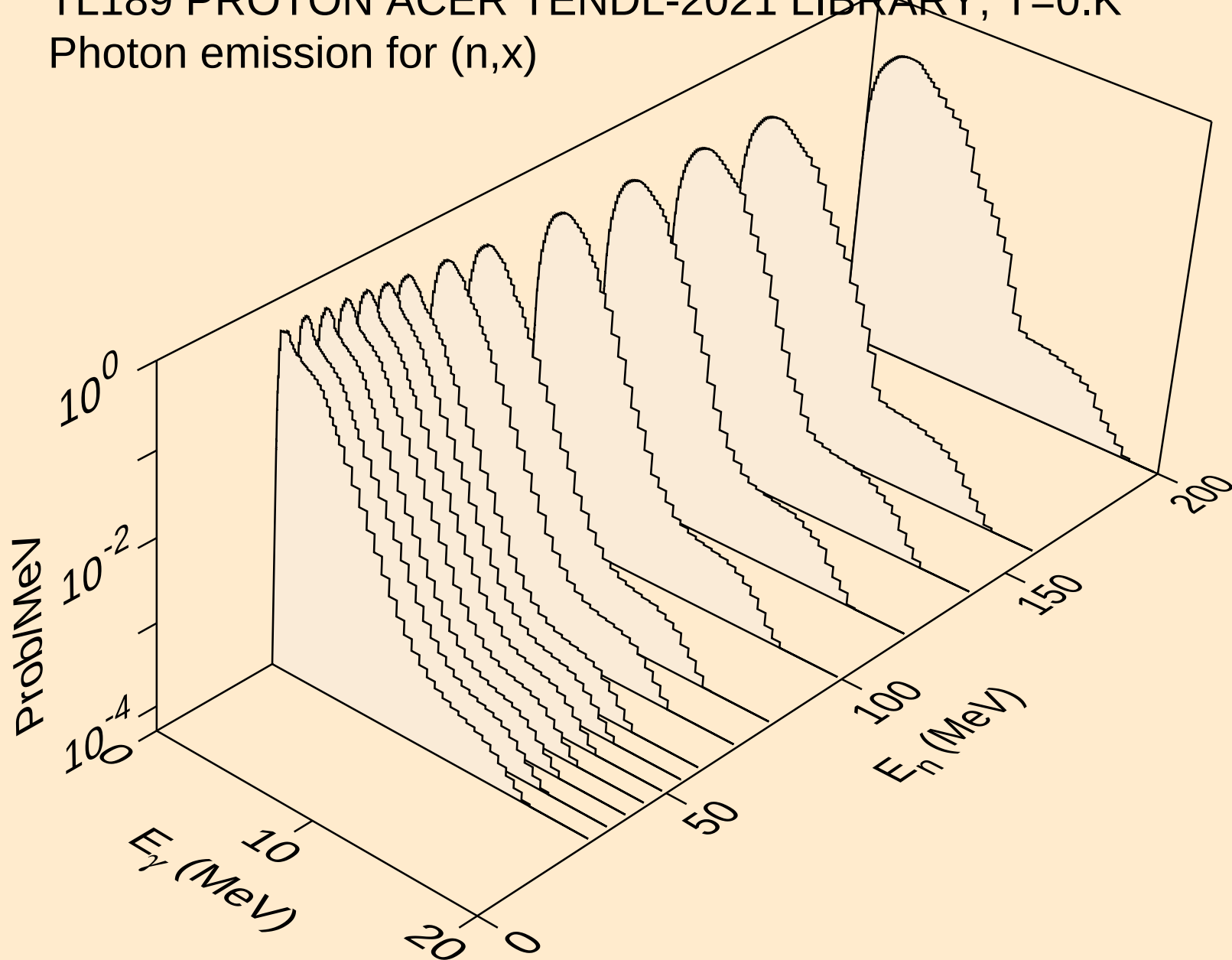
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,pt)



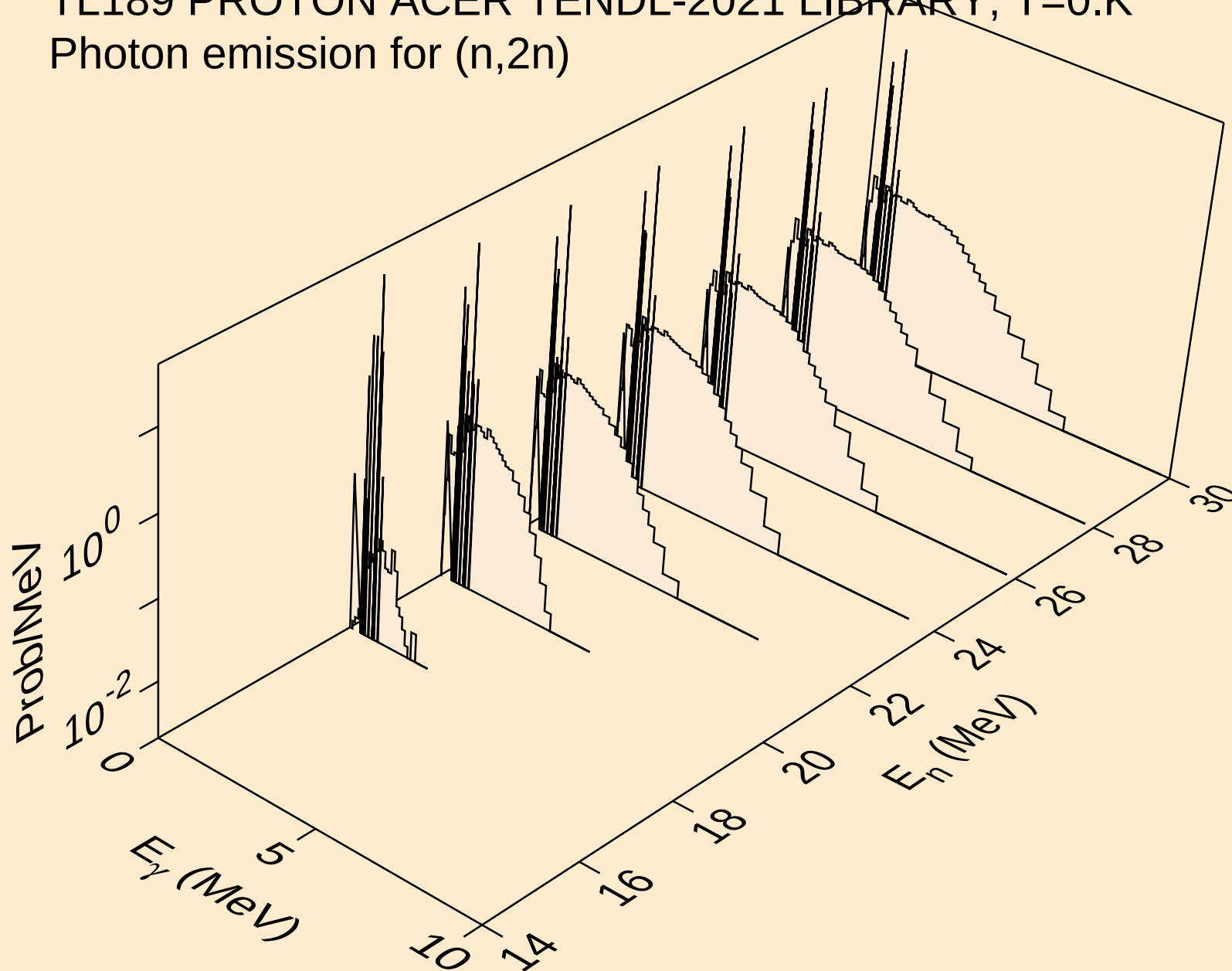
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



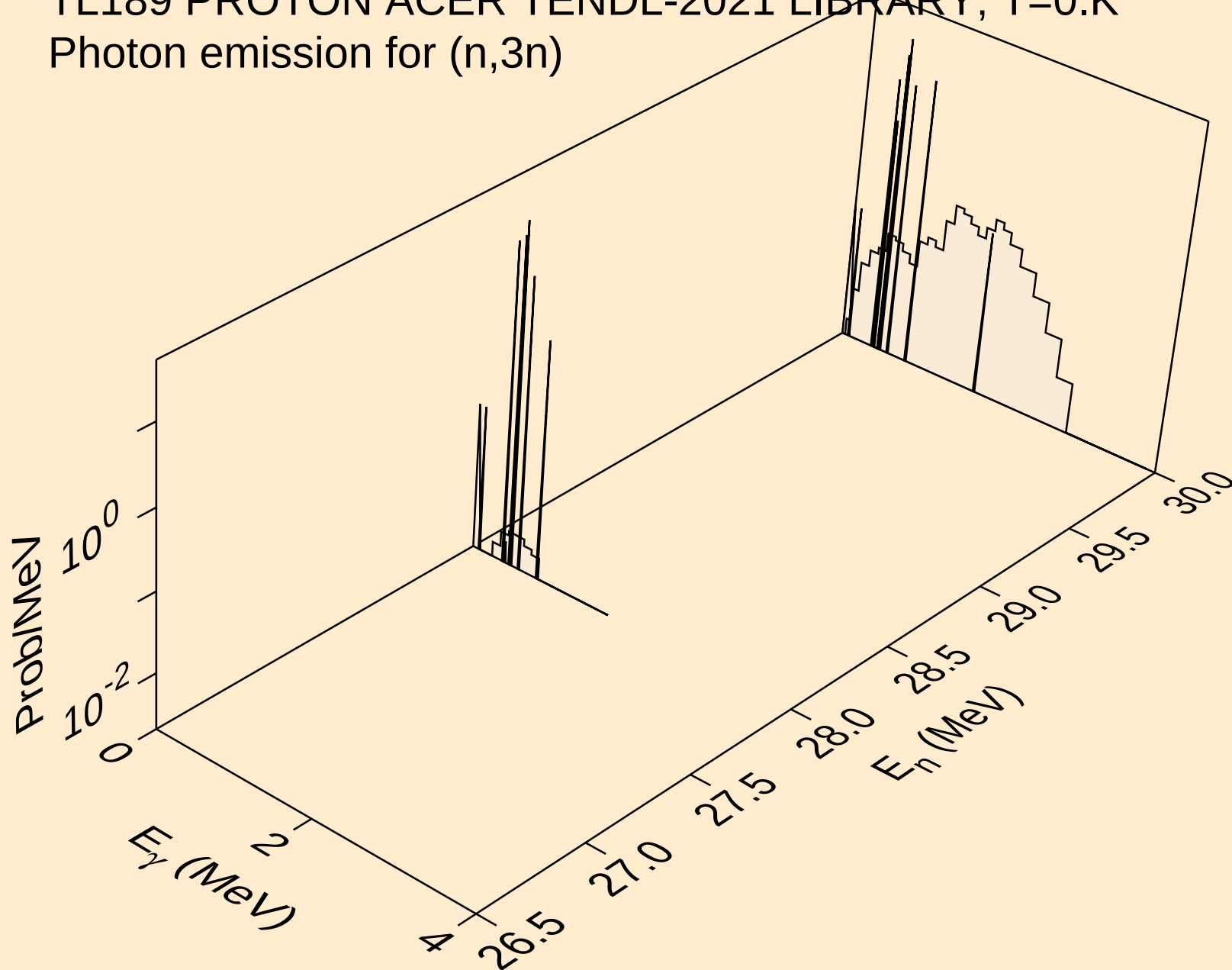
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



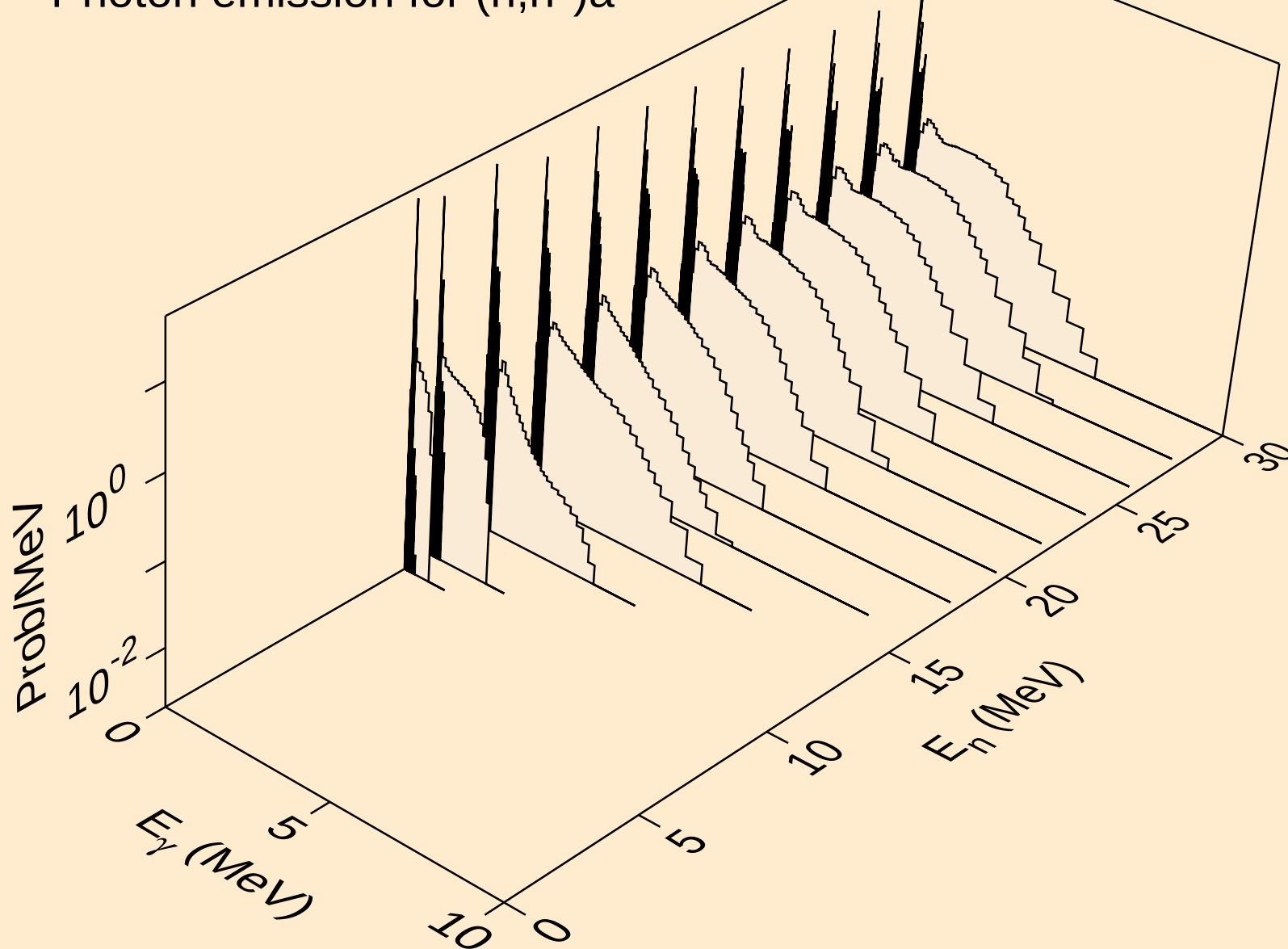
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)



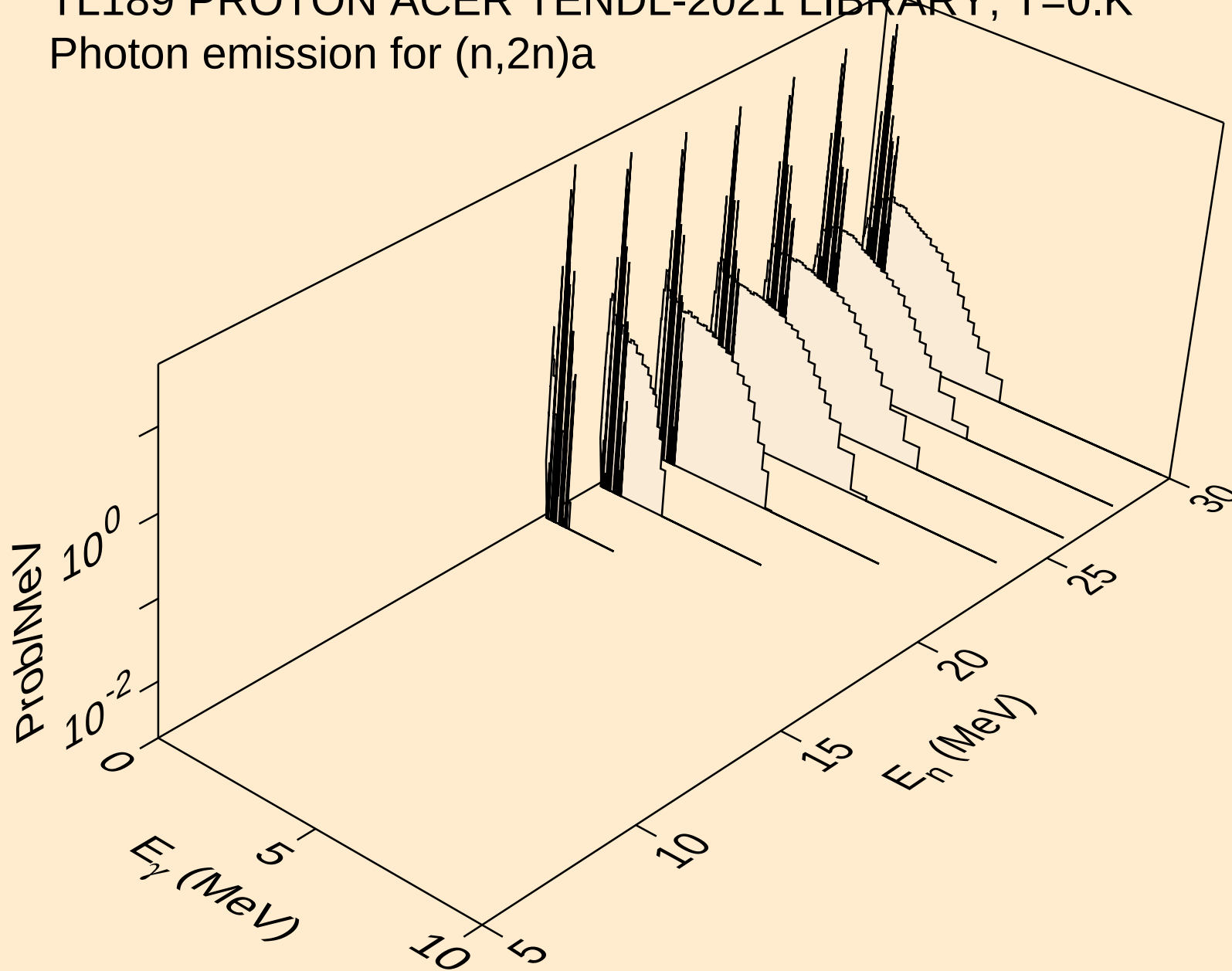
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)



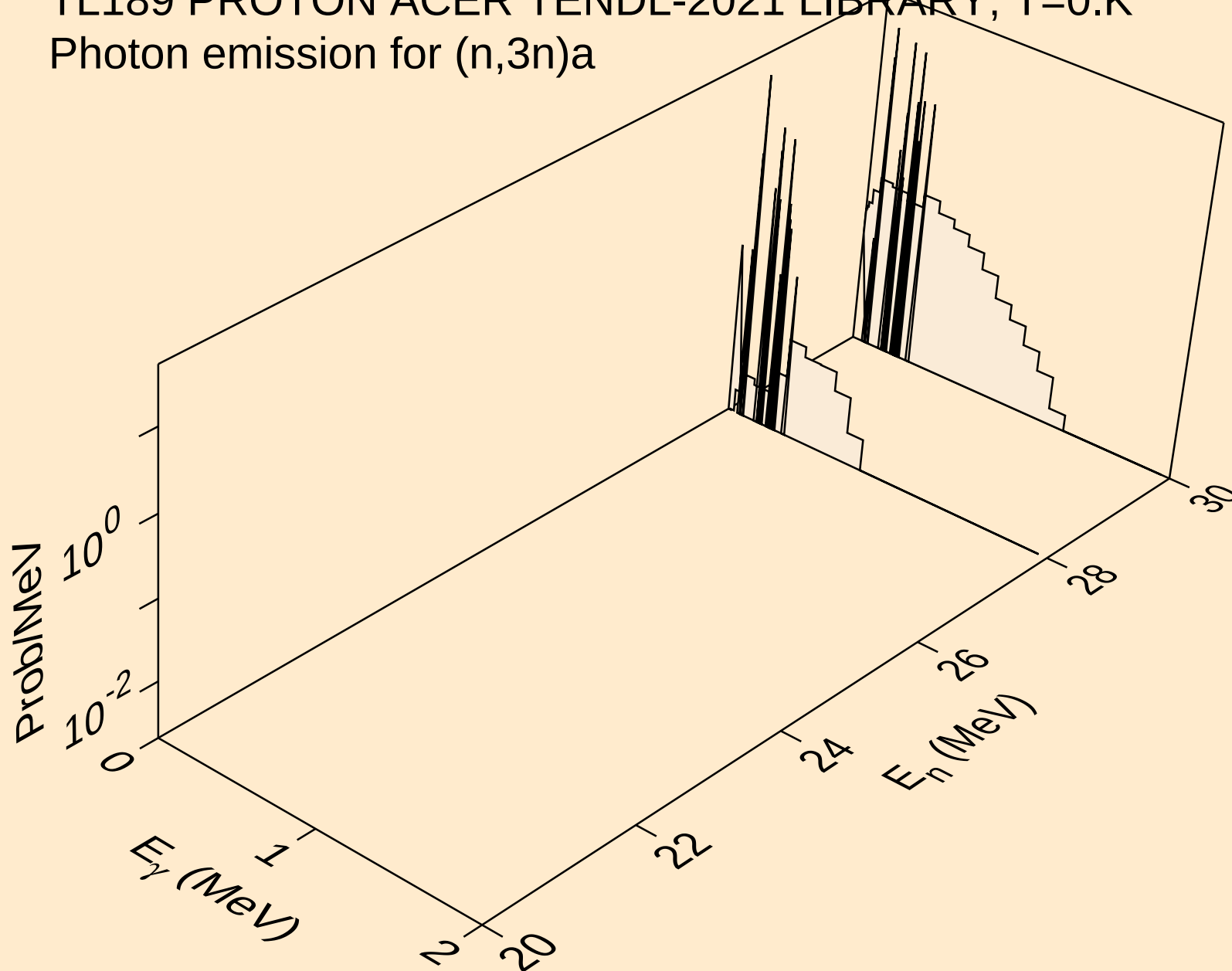
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)a



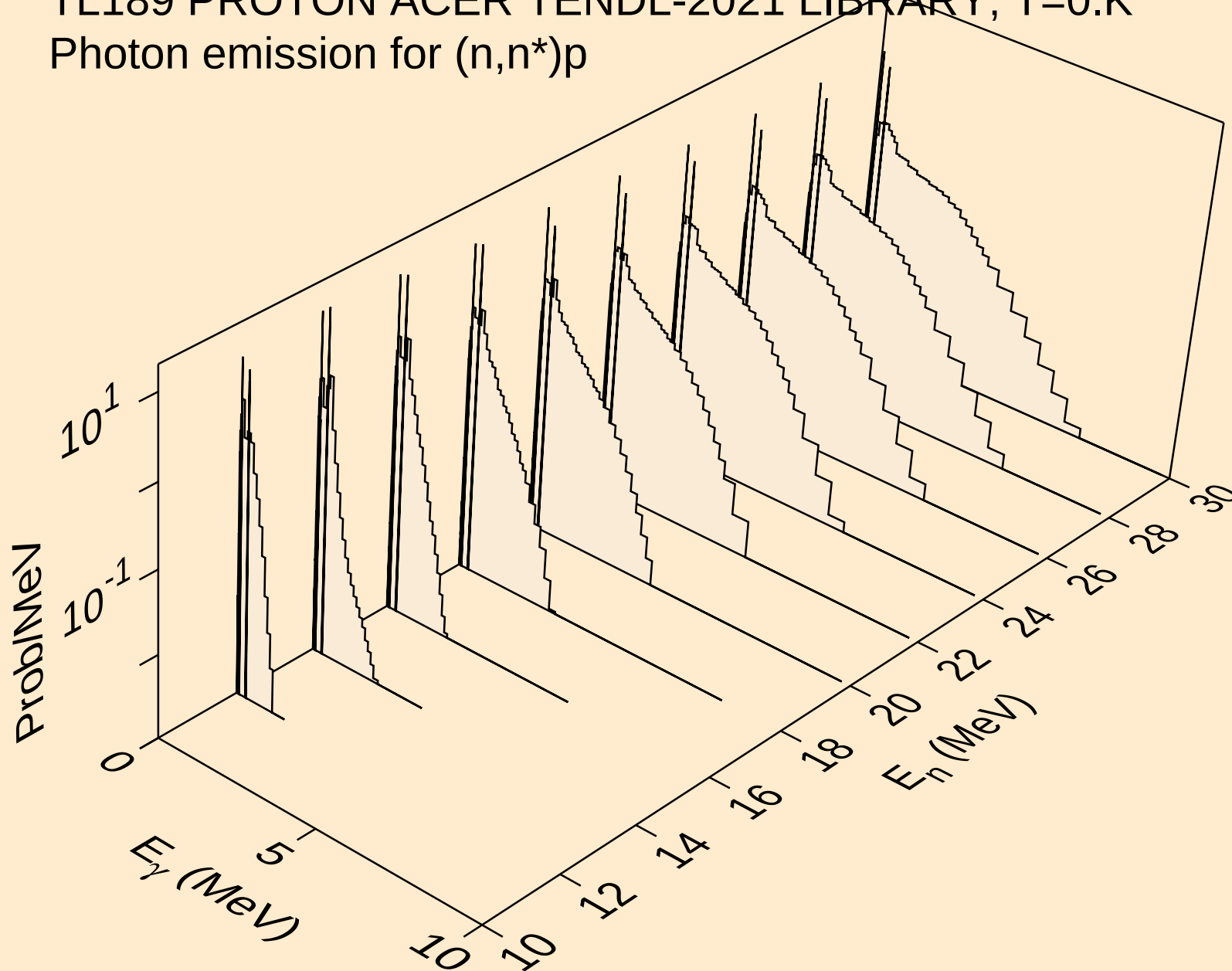
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)a



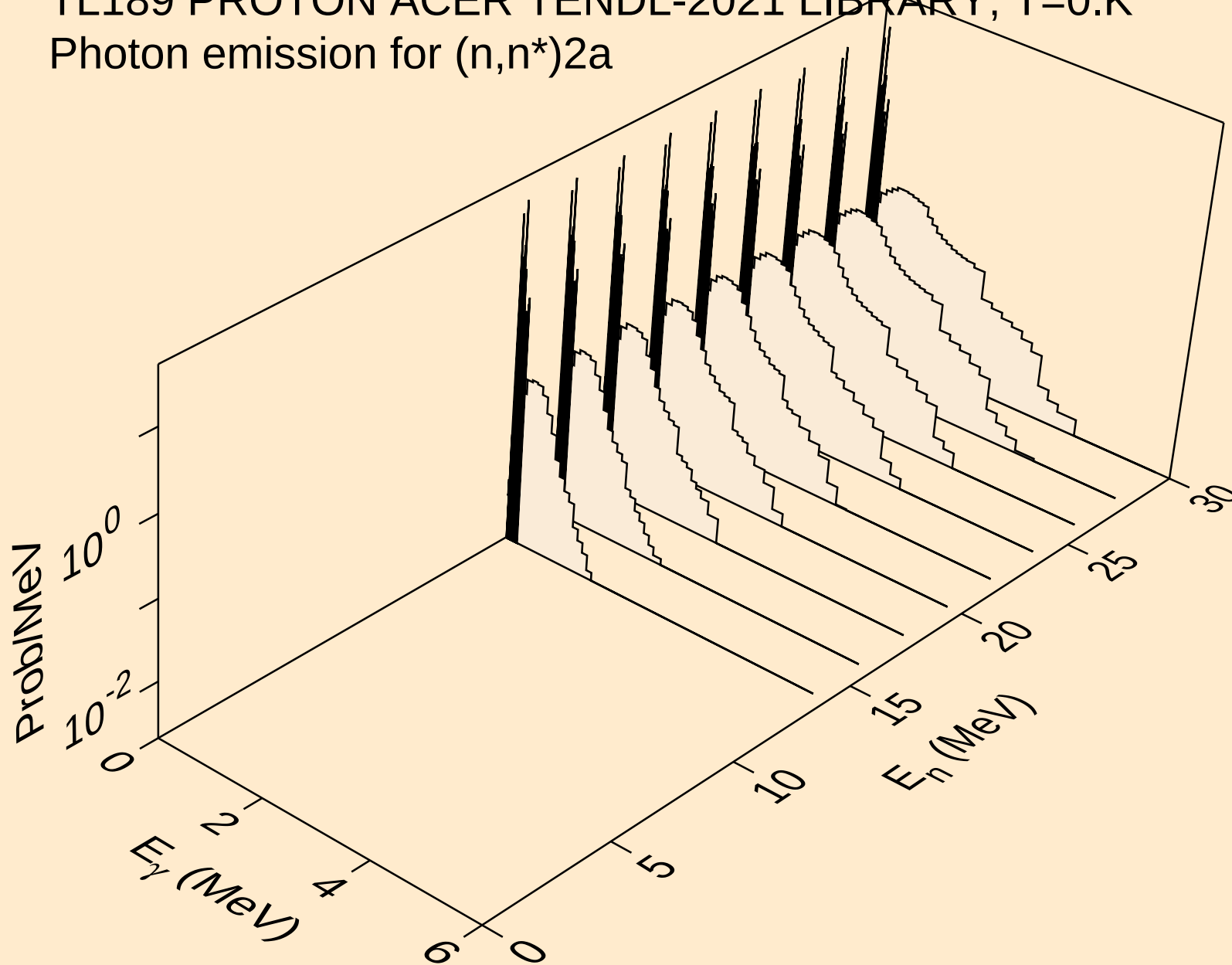
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)a



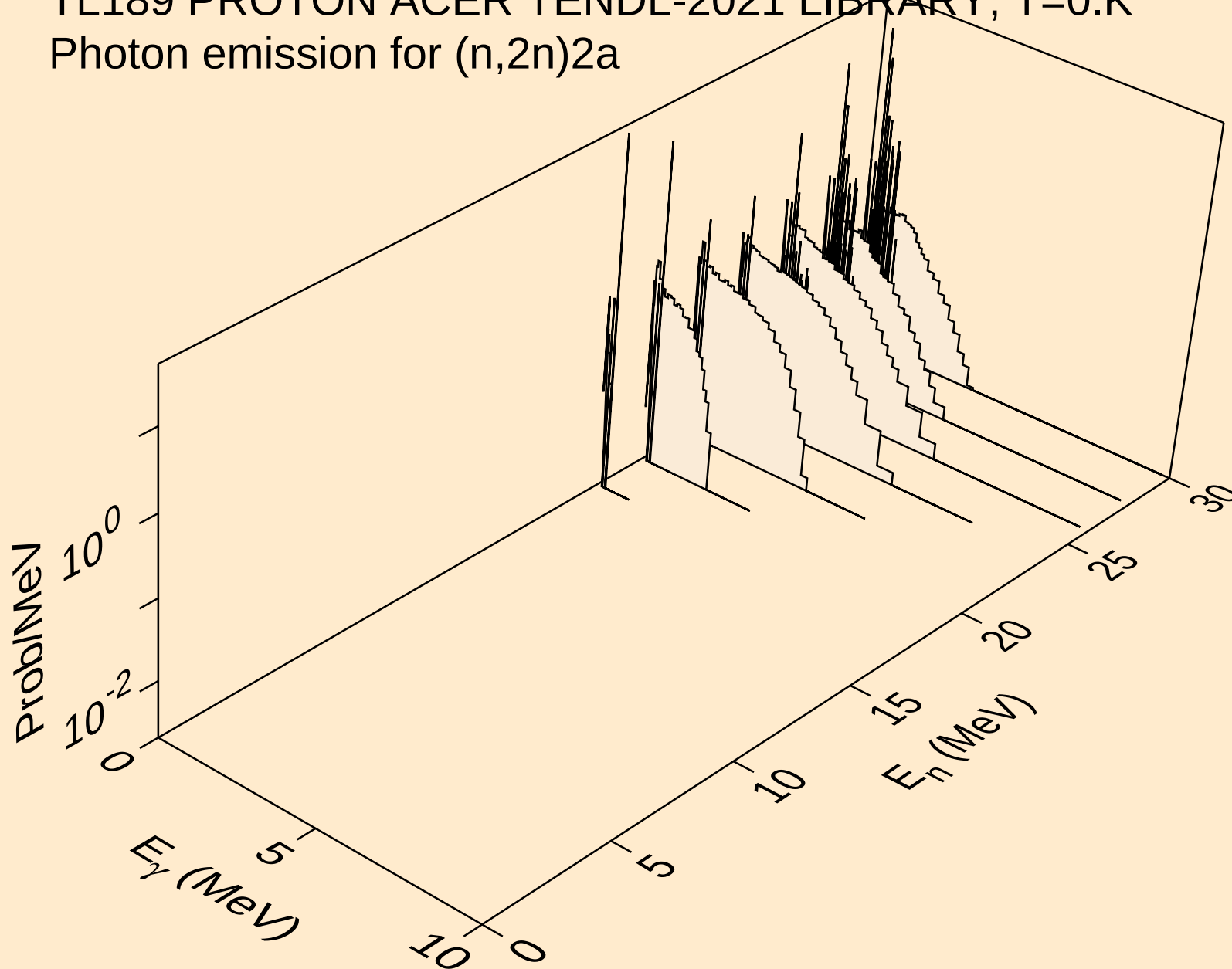
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)p



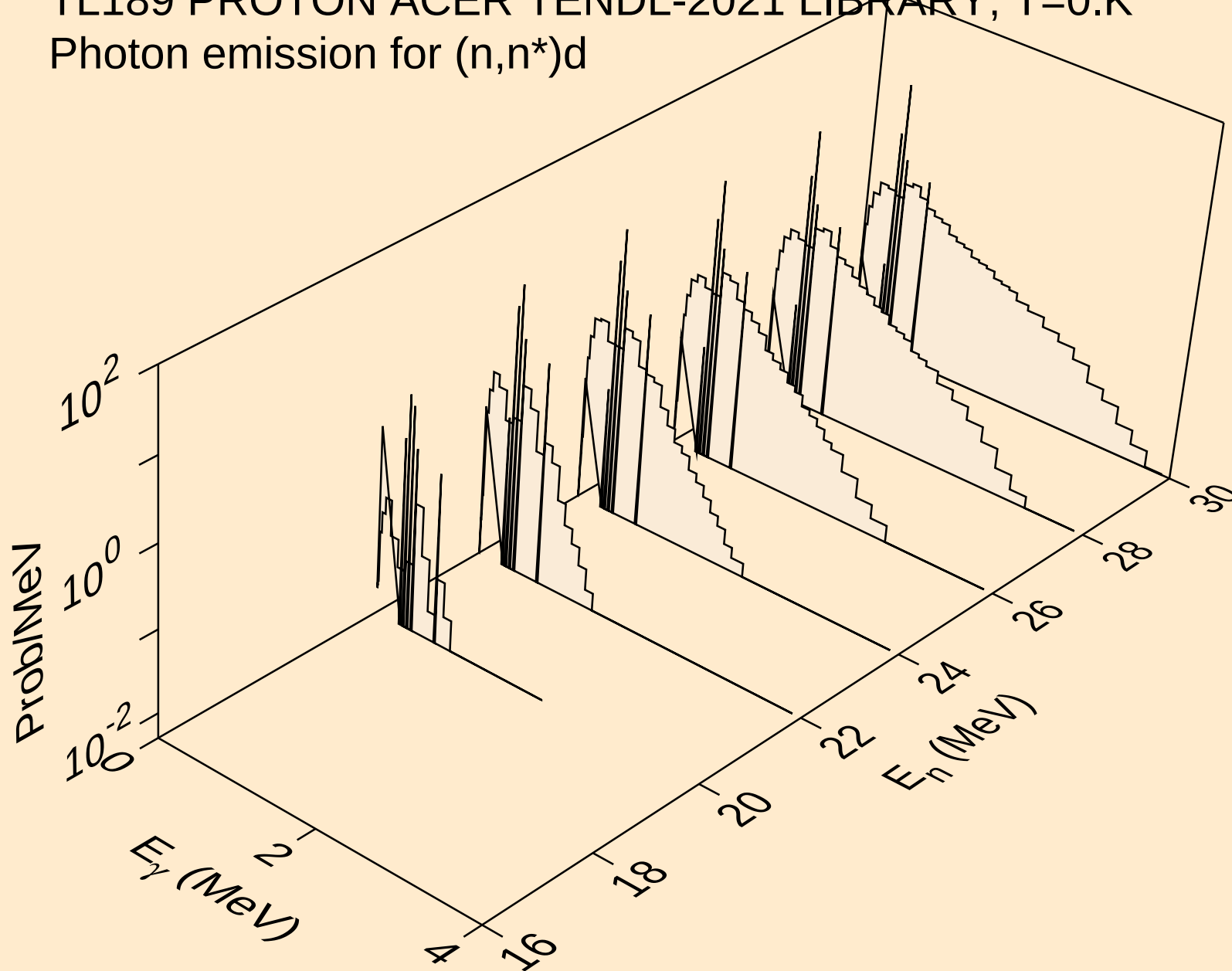
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)2a



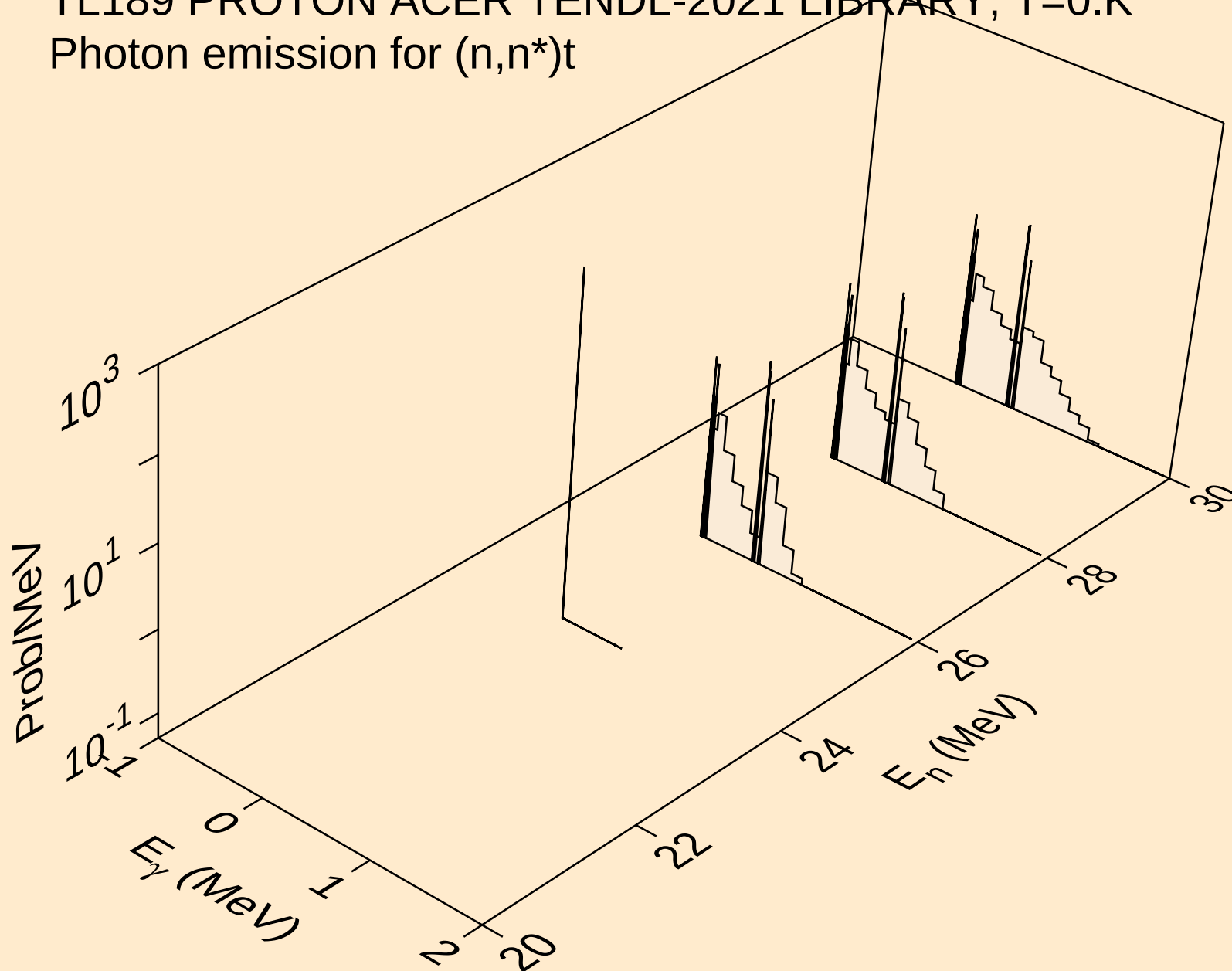
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)2a



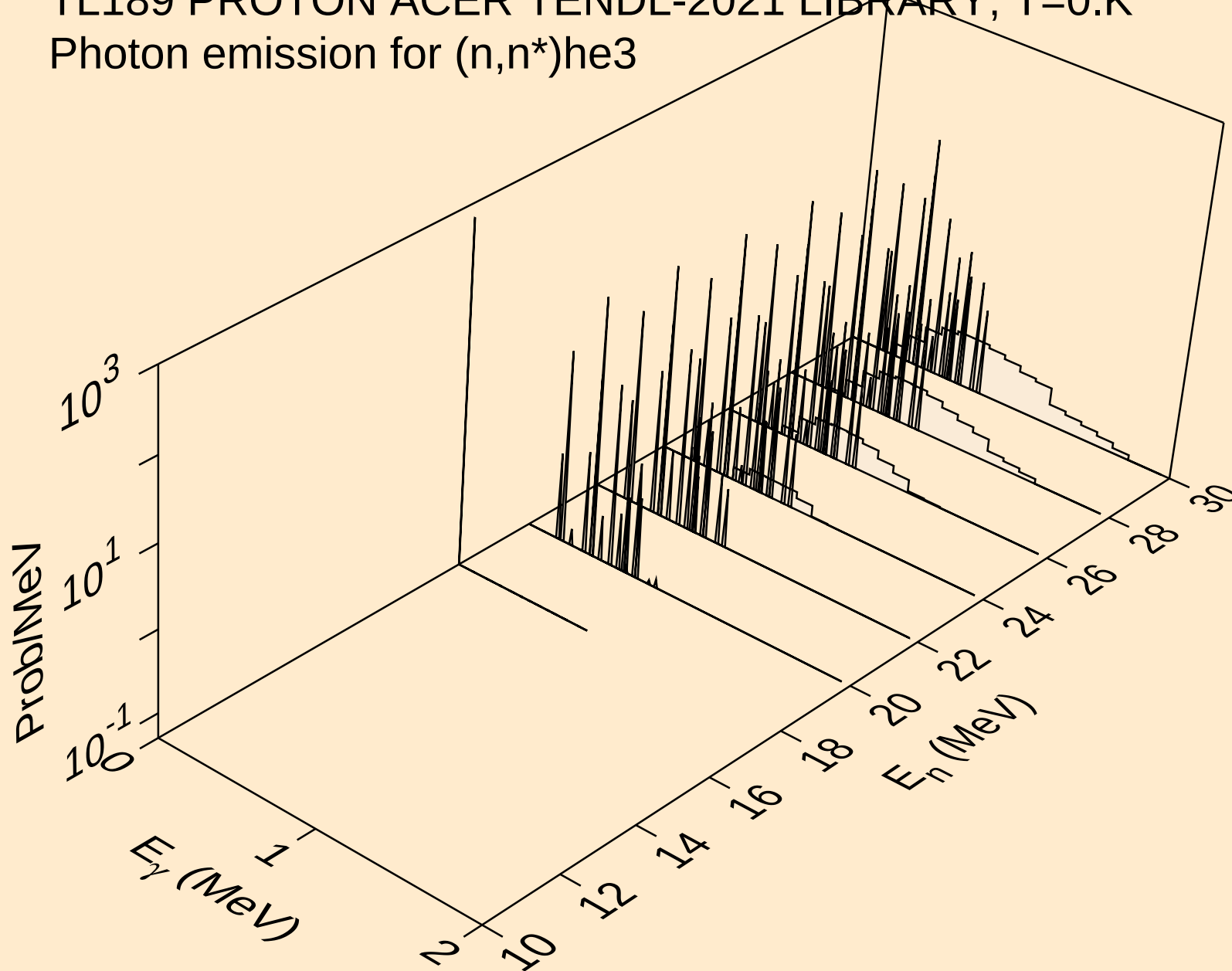
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)d



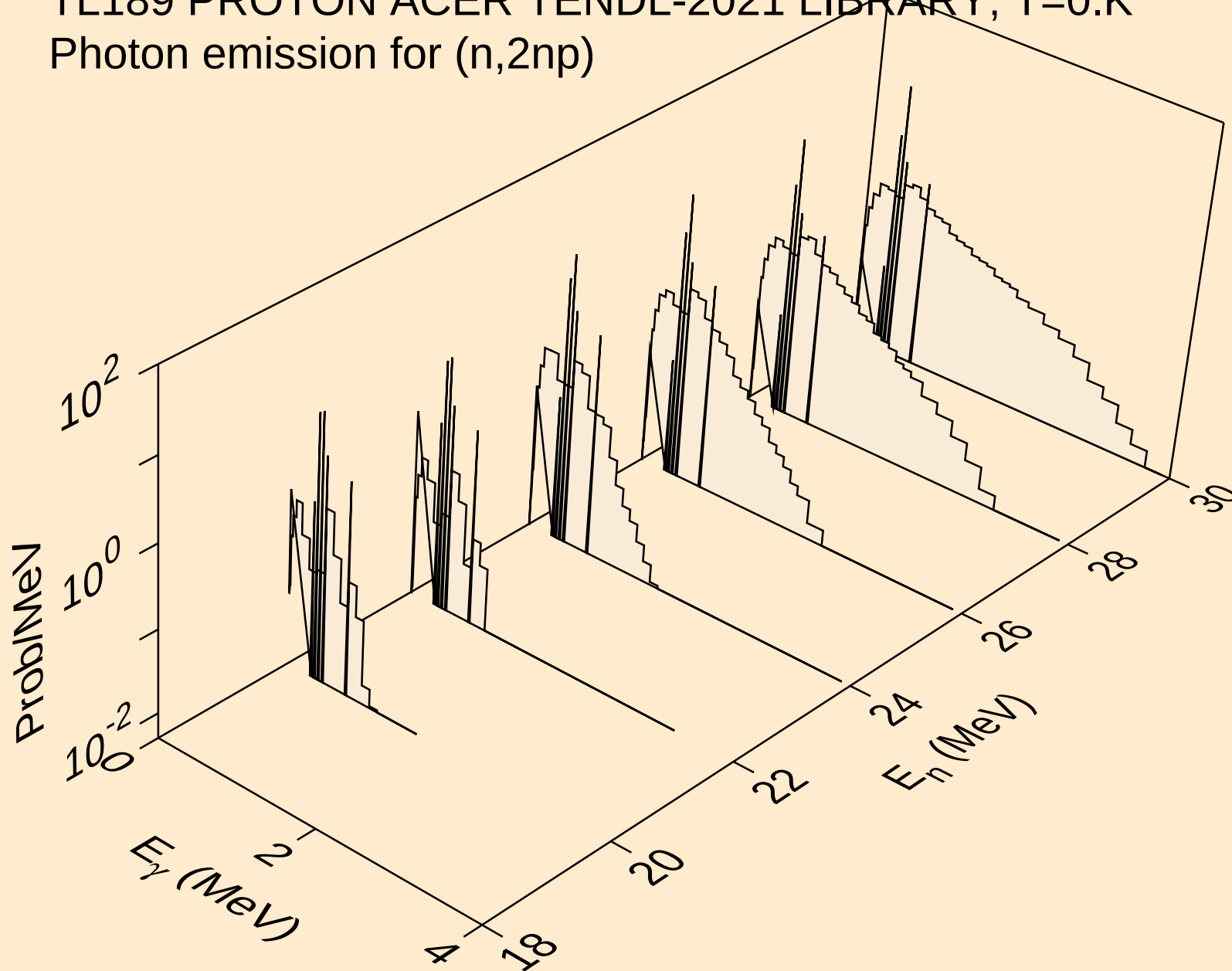
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)t



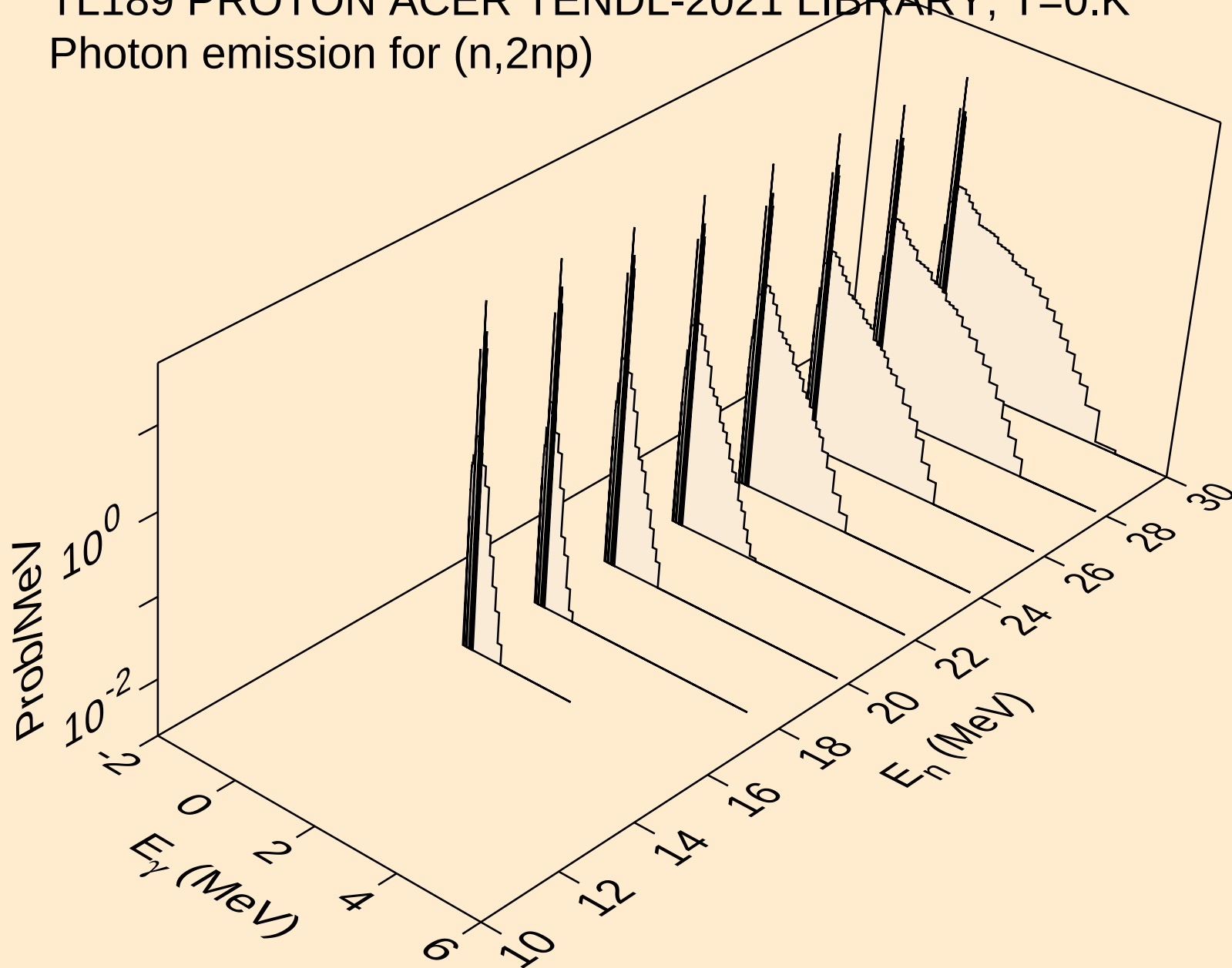
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)he3



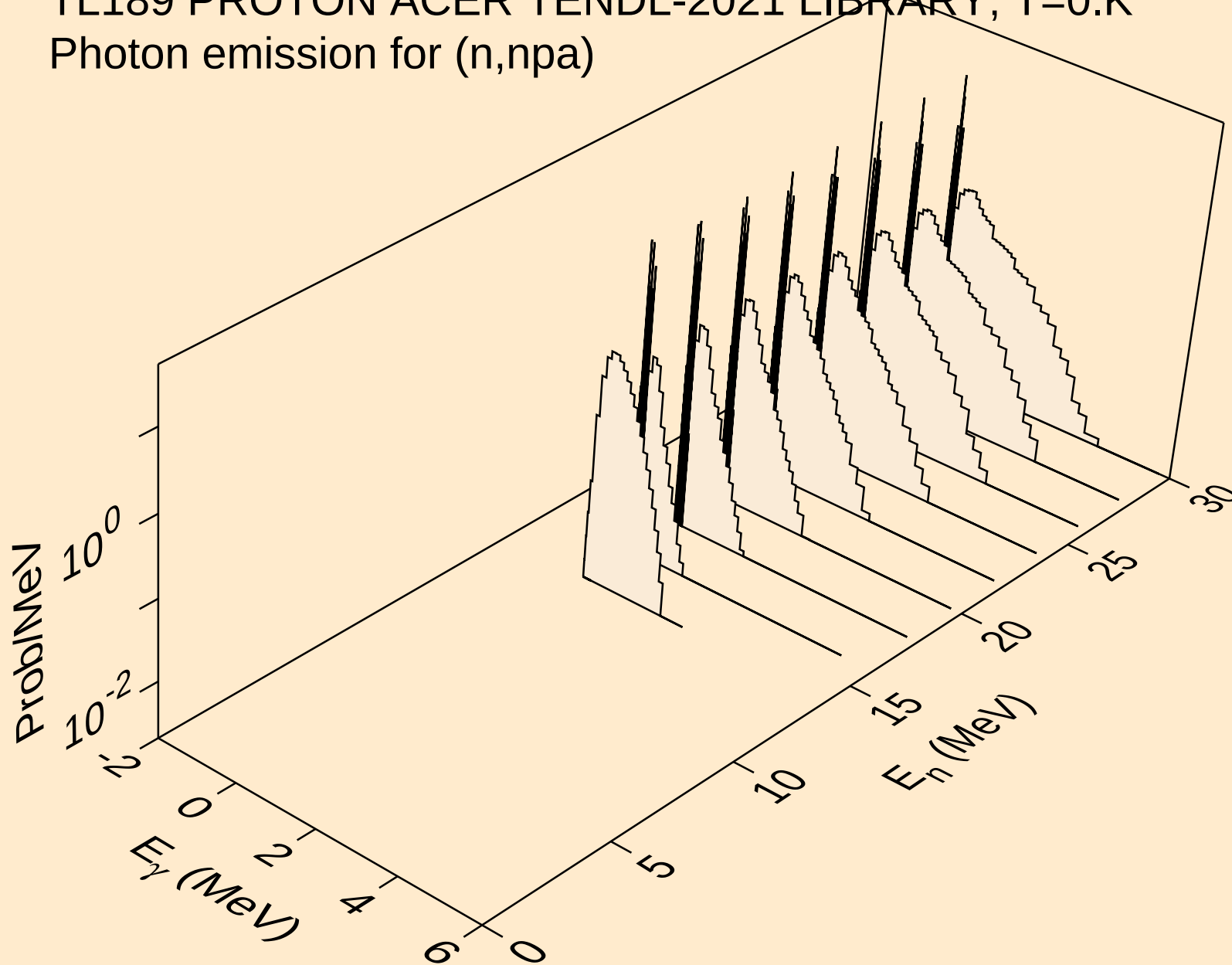
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



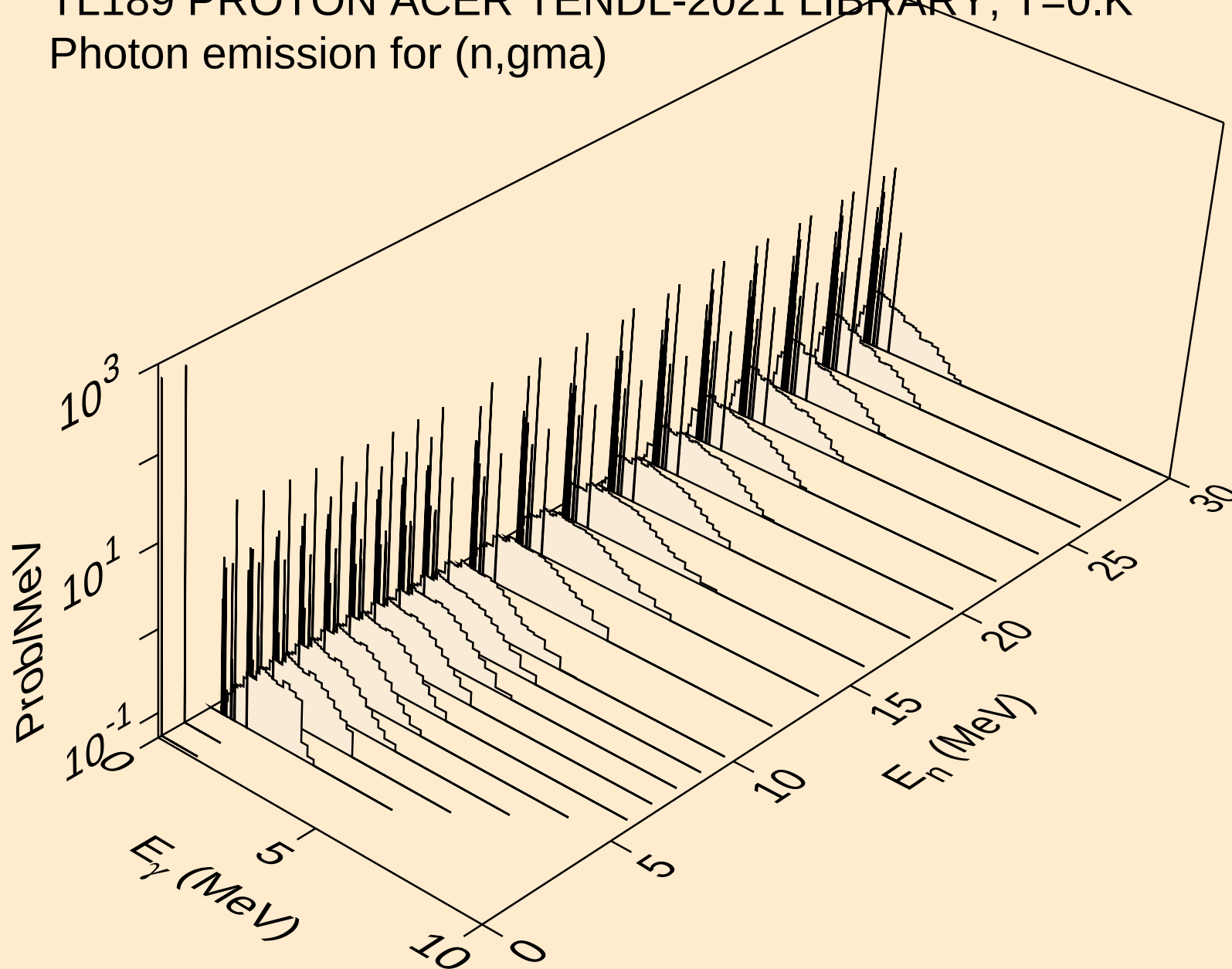
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



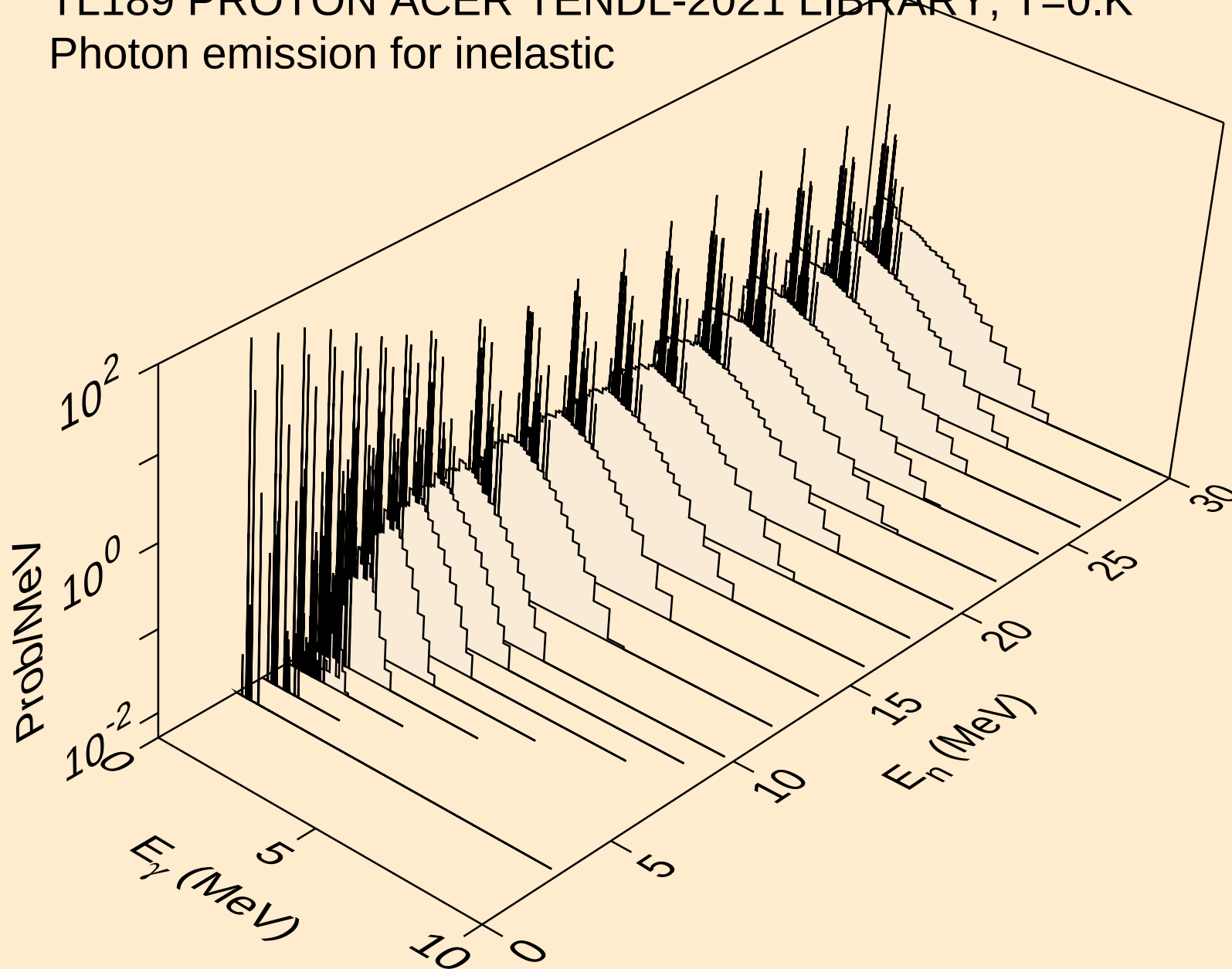
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,npa)



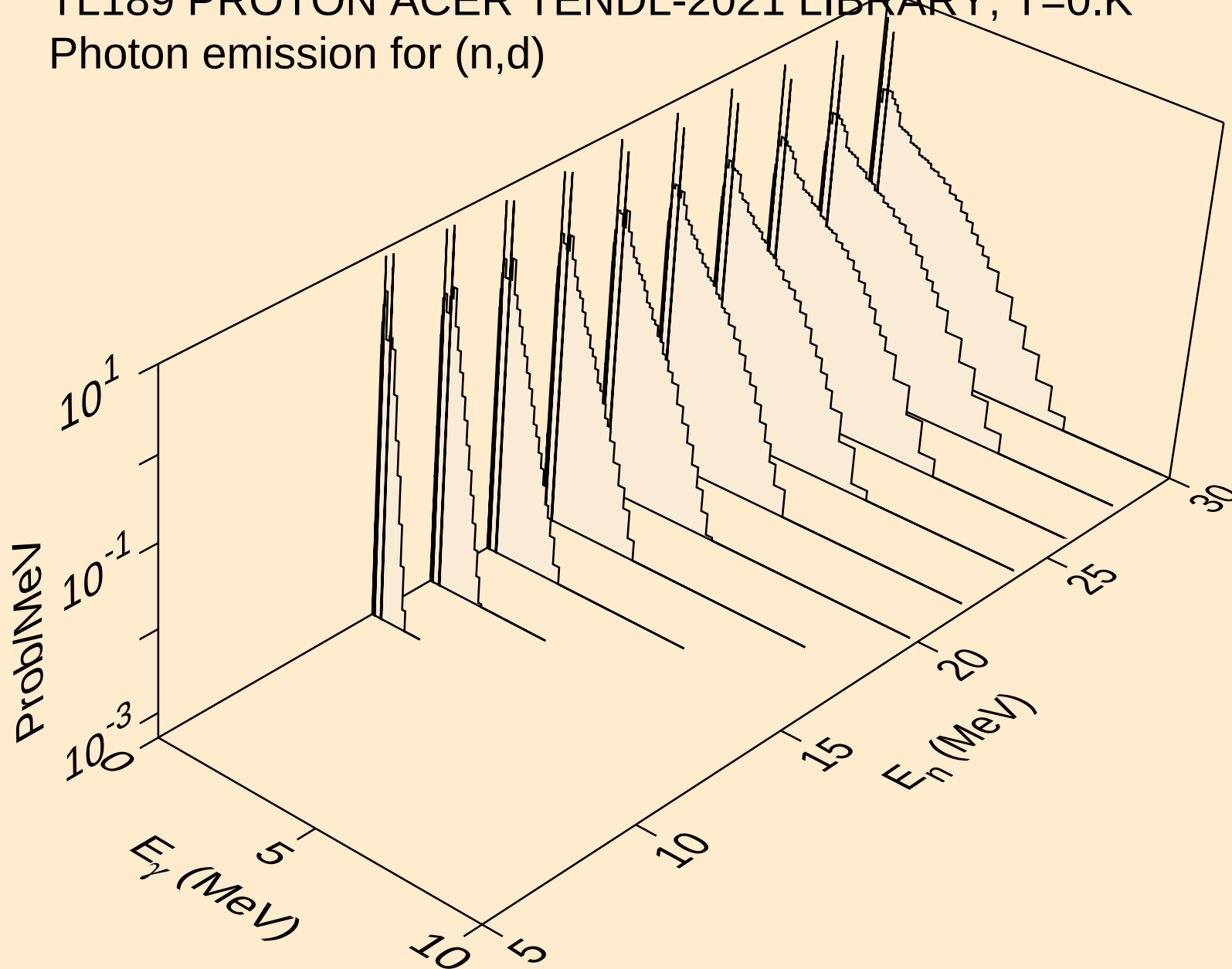
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



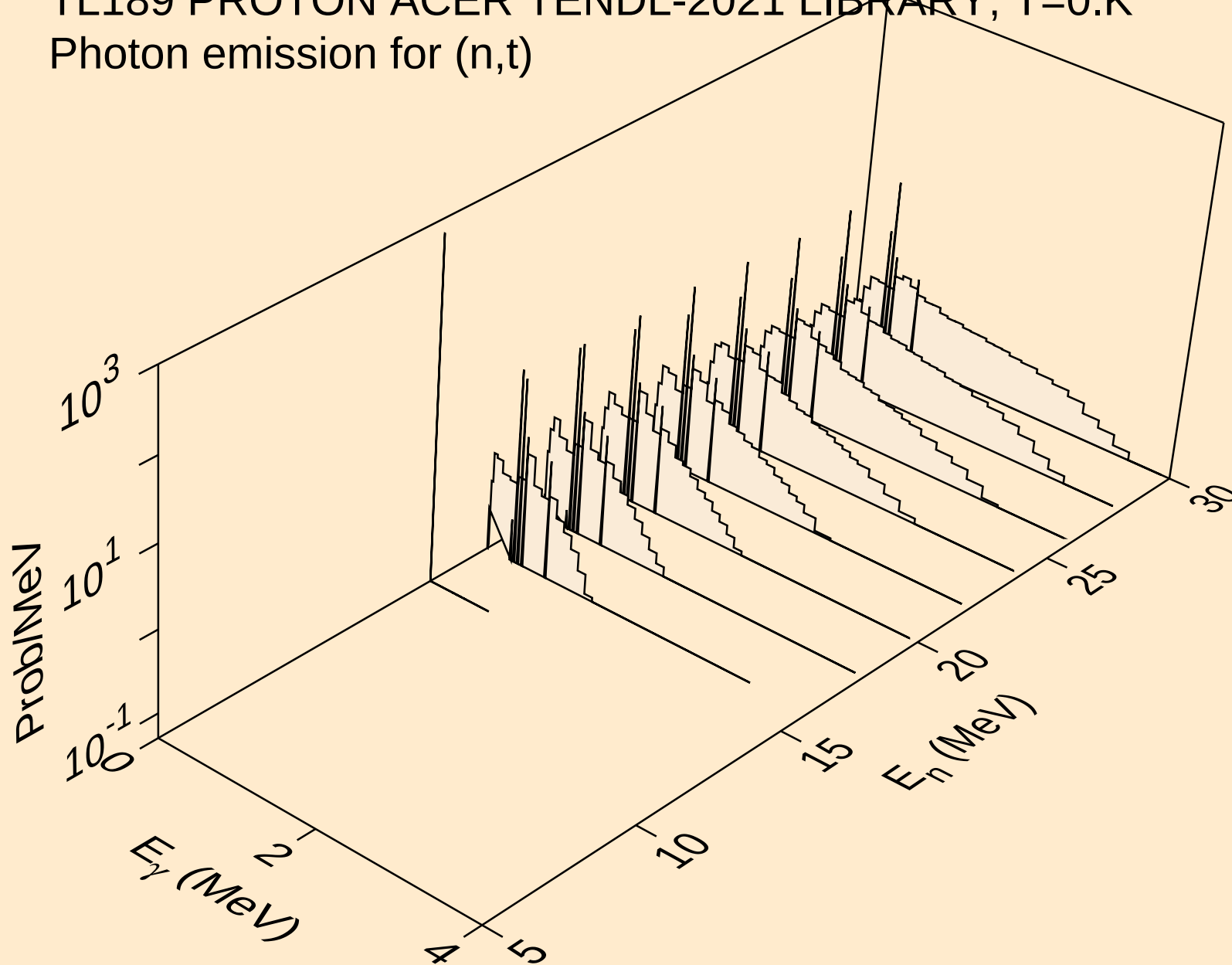
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



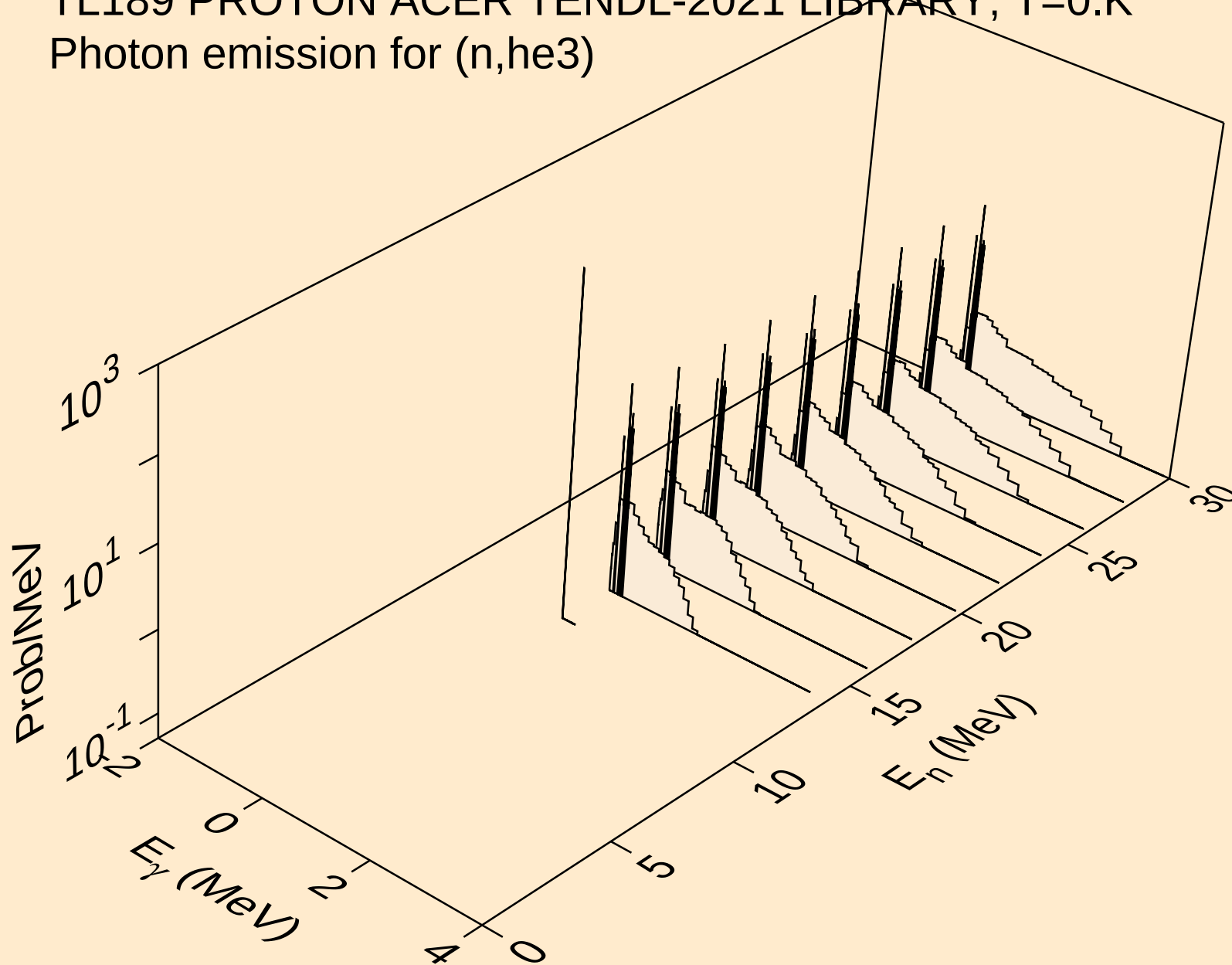
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)



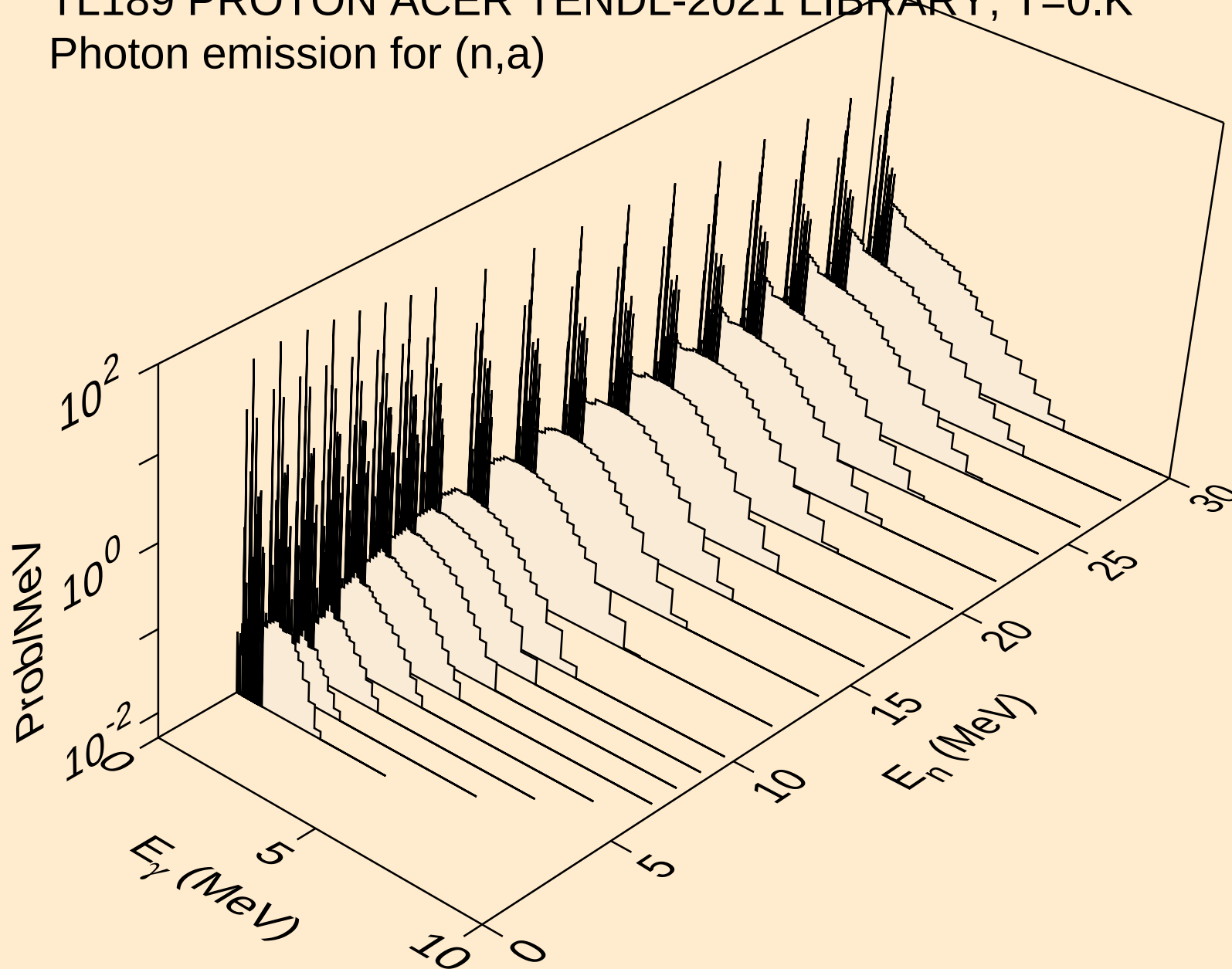
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,t)



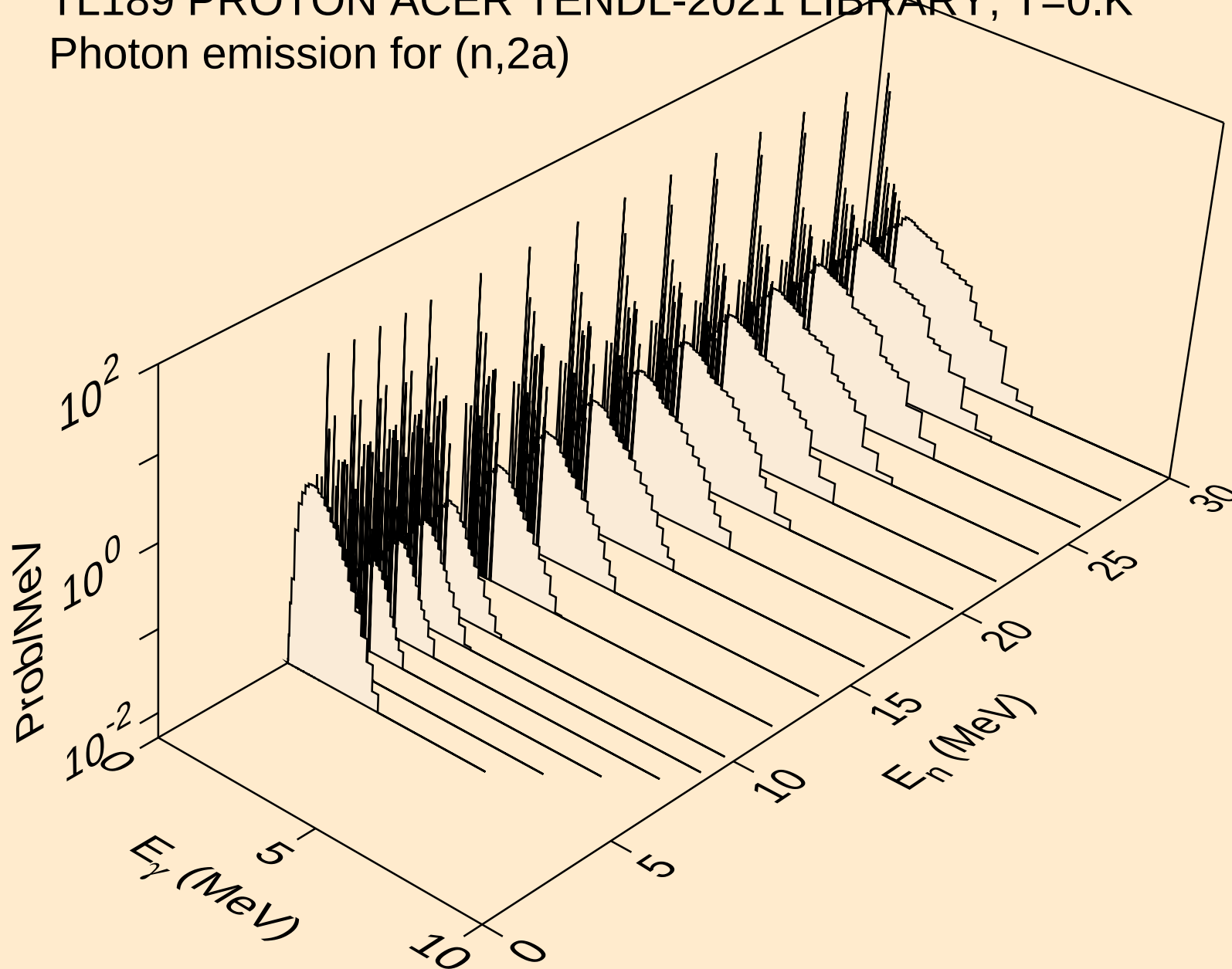
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,he3)



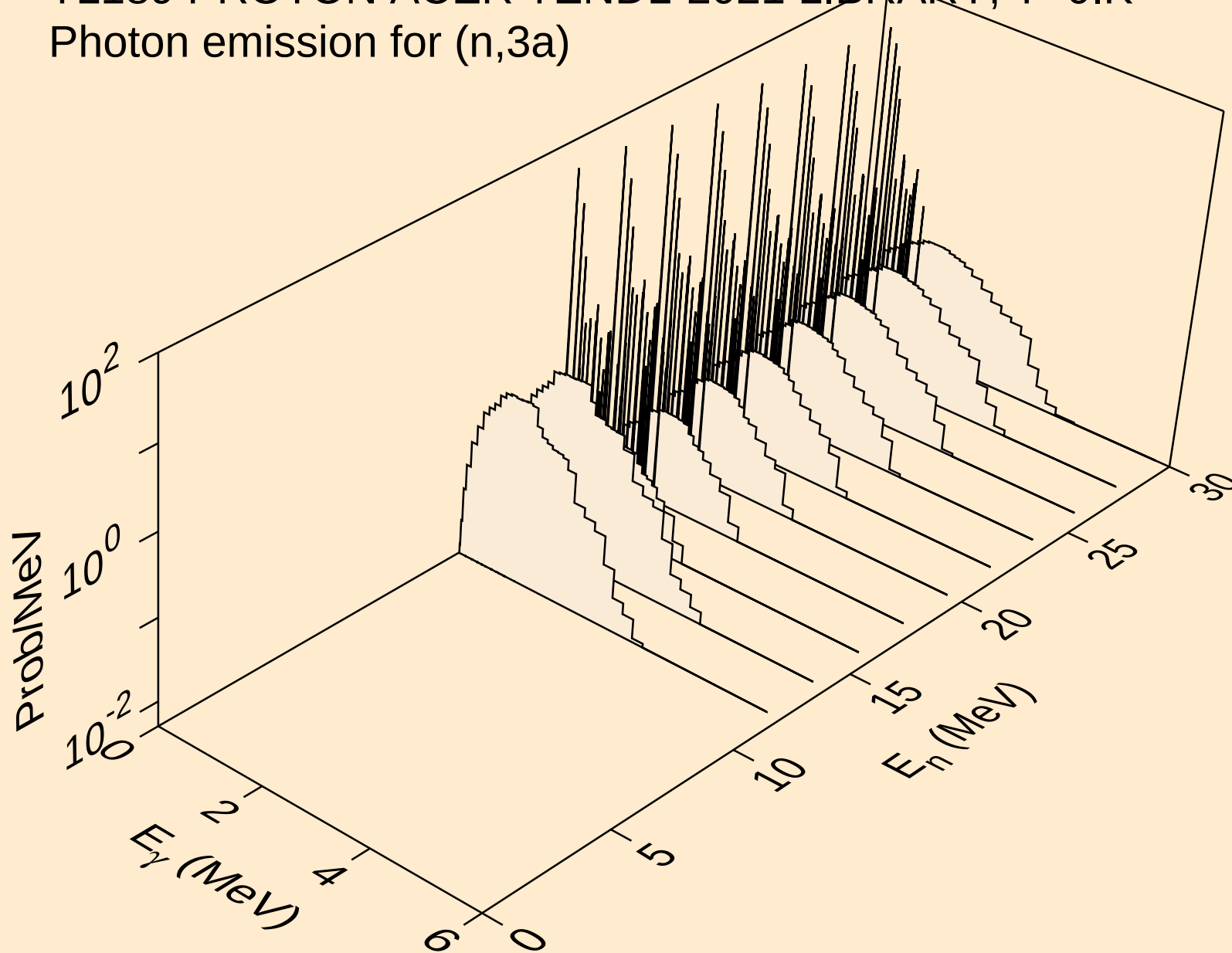
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,a)



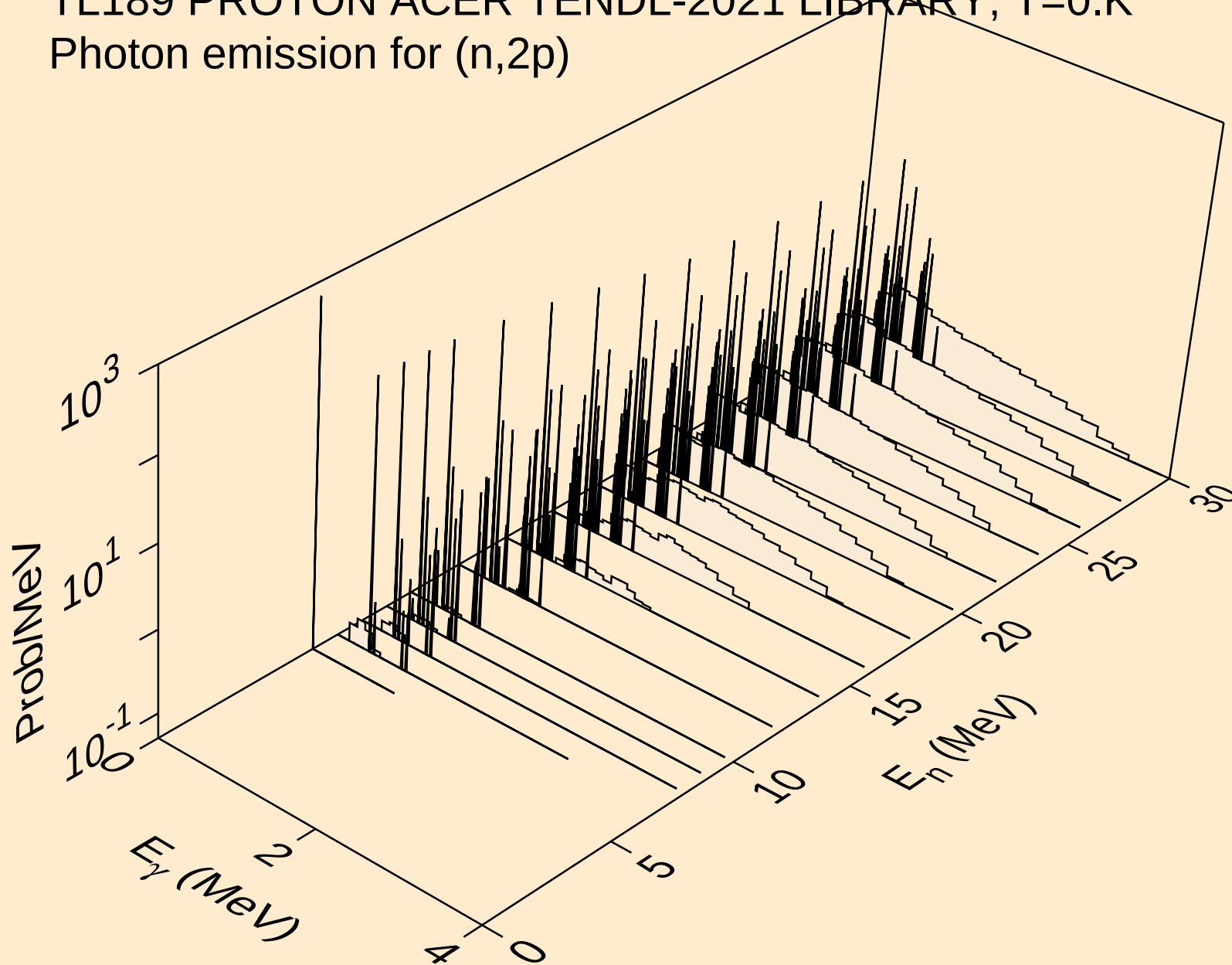
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)



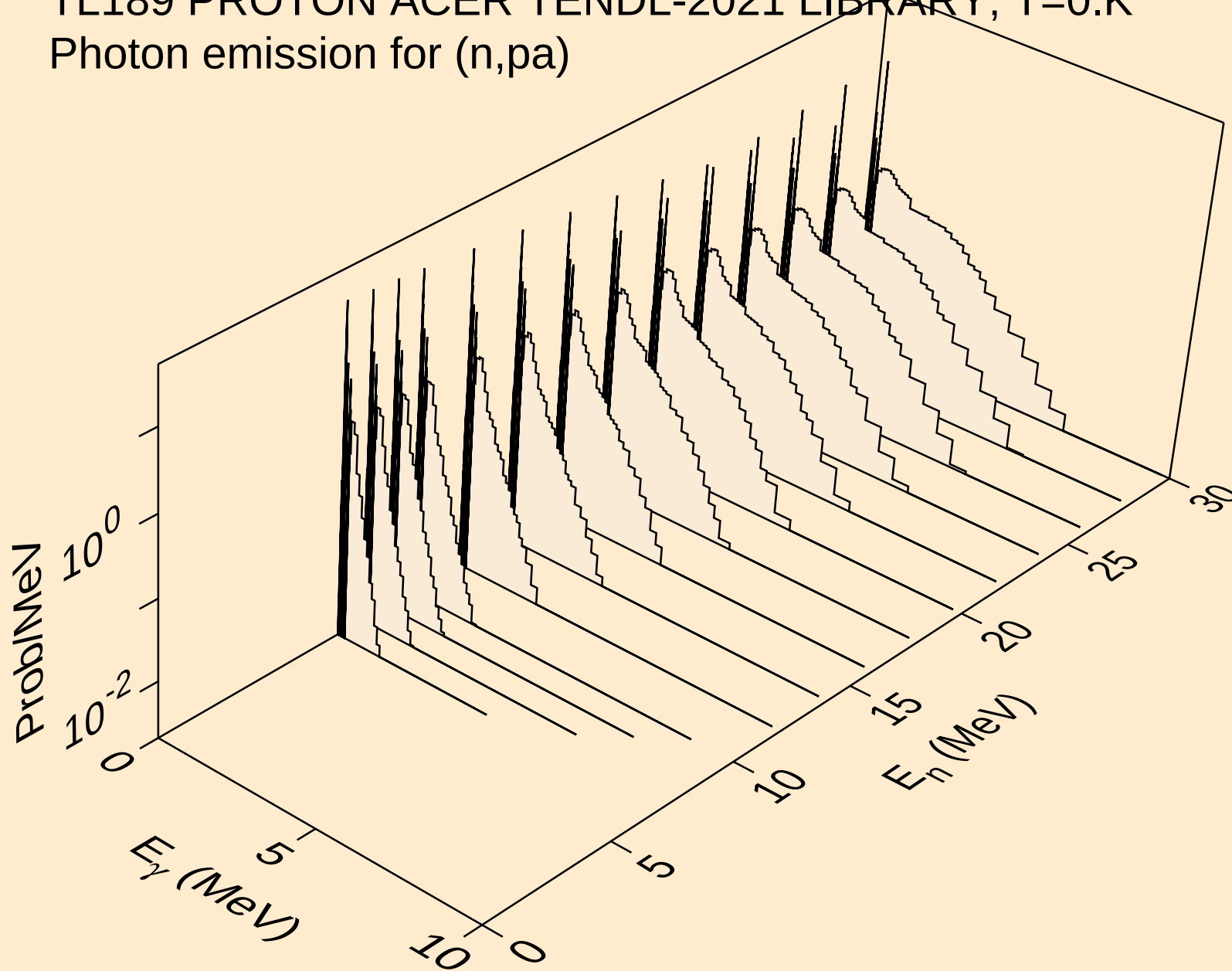
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3a)



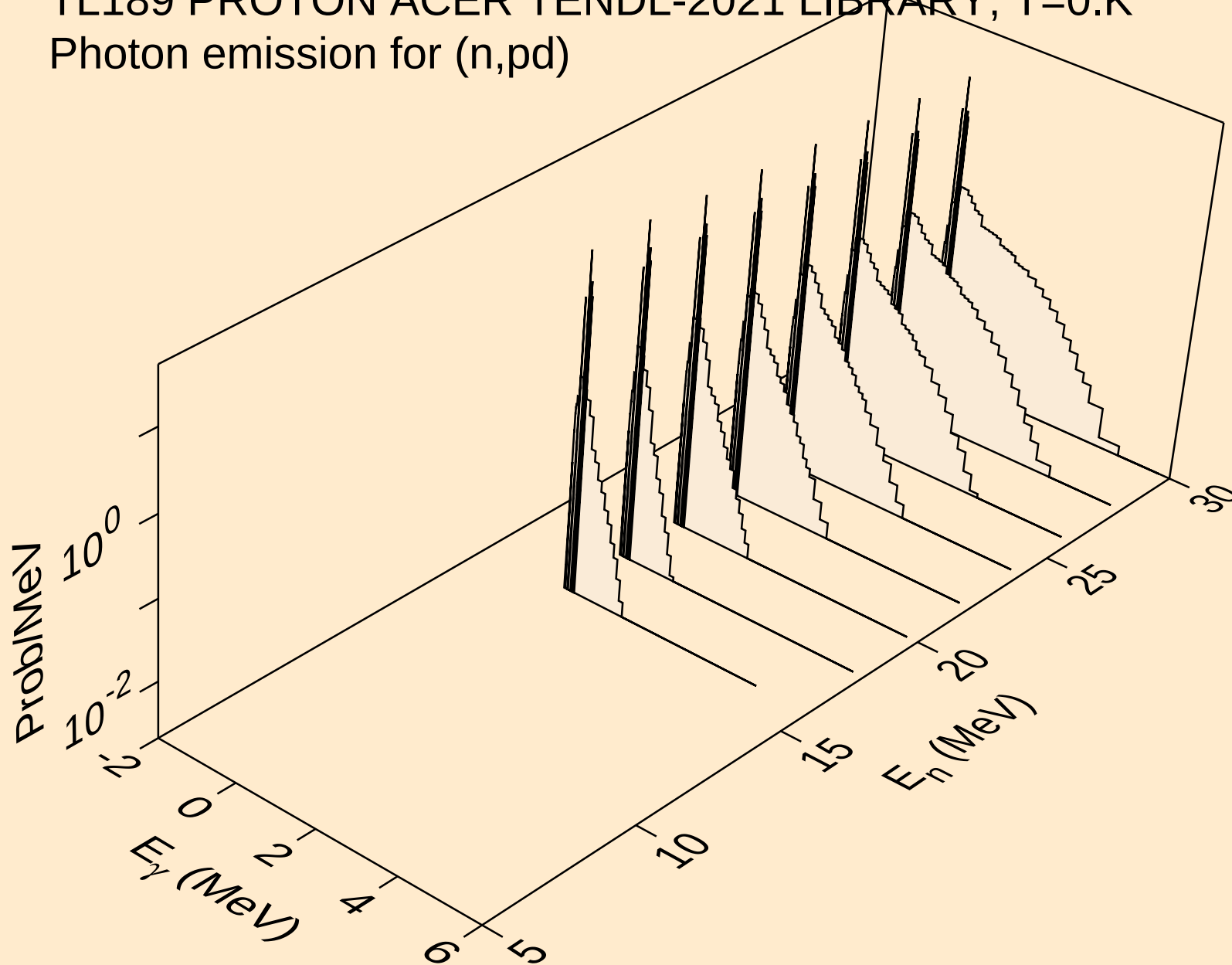
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2p)



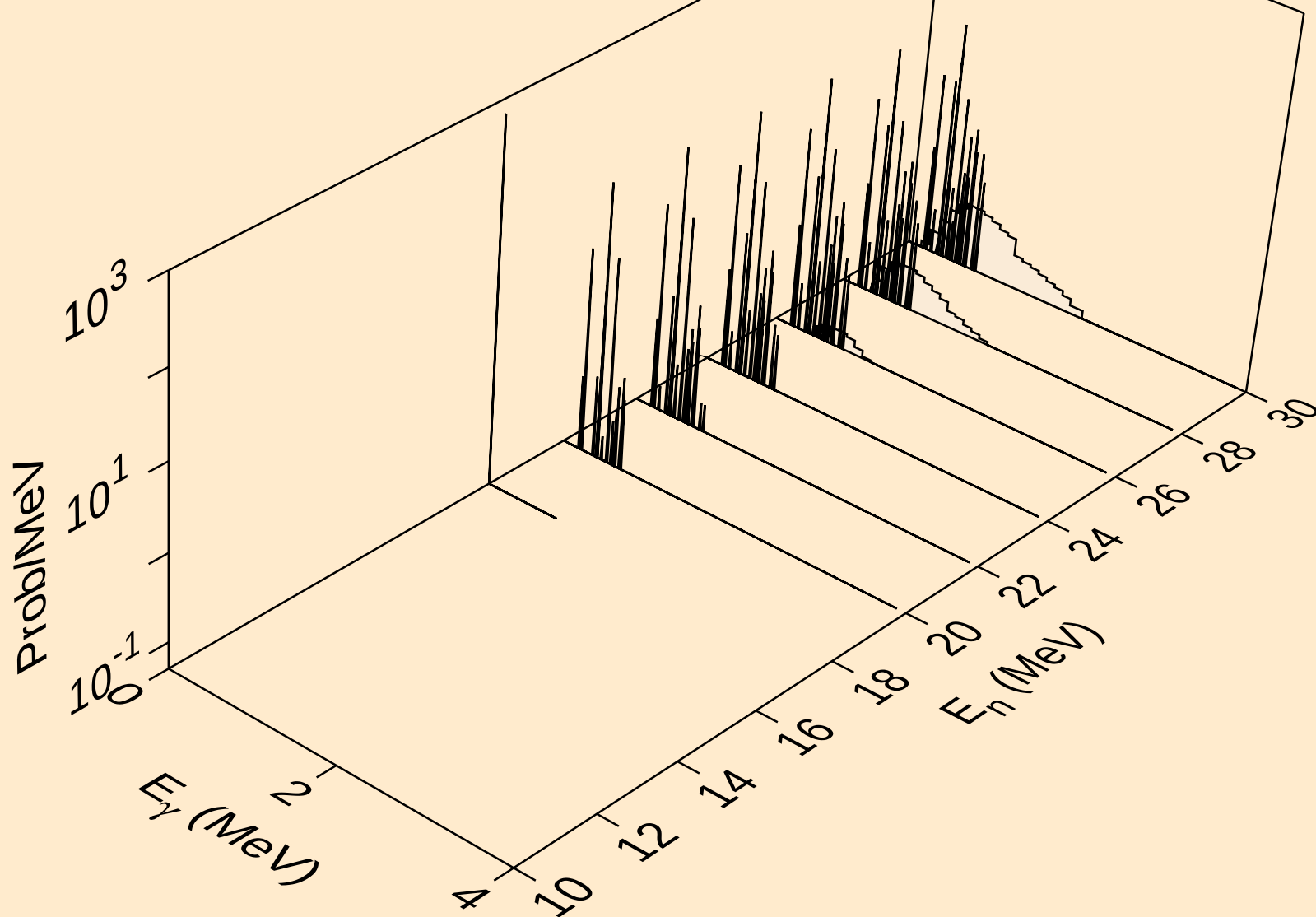
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pa)



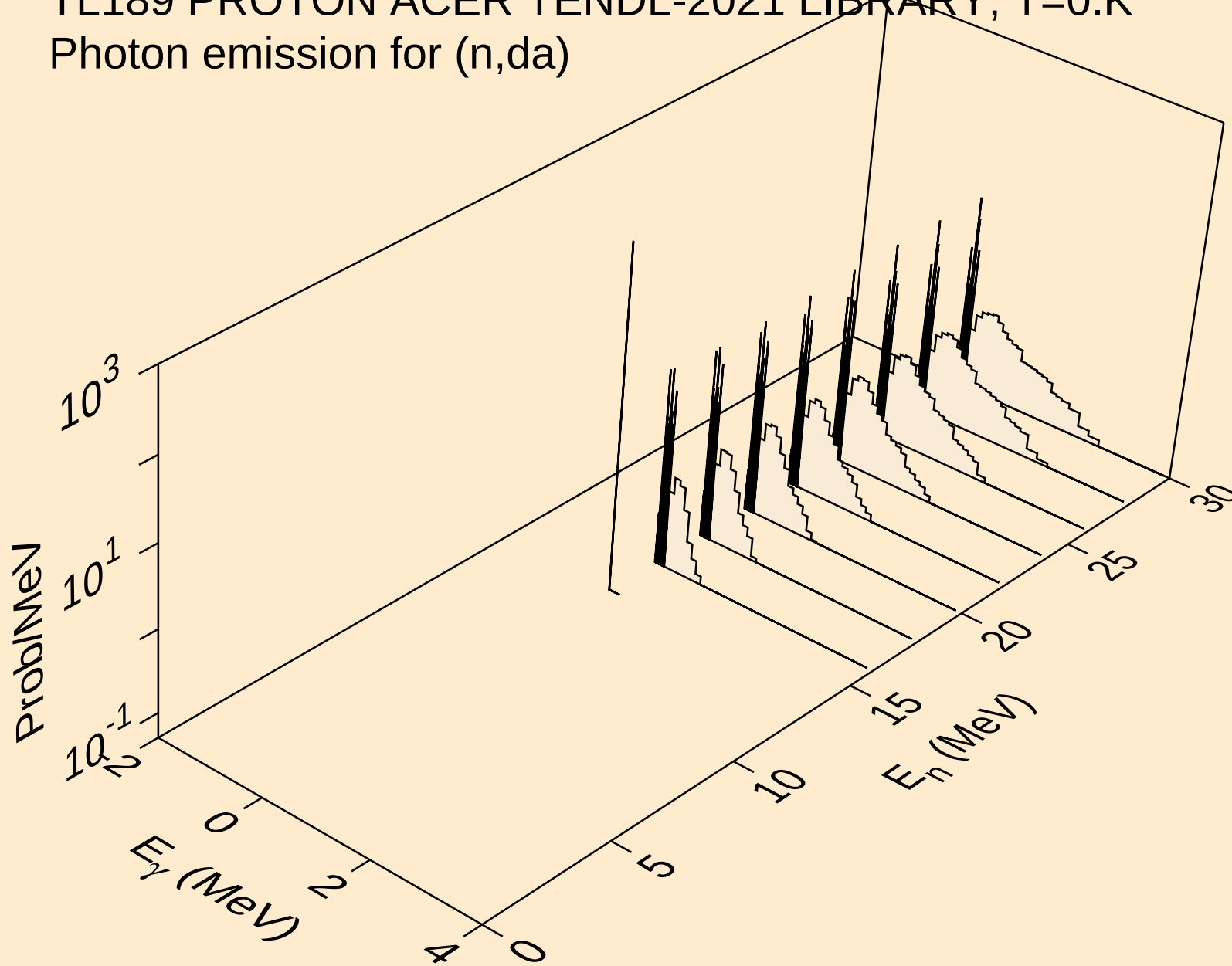
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pd)



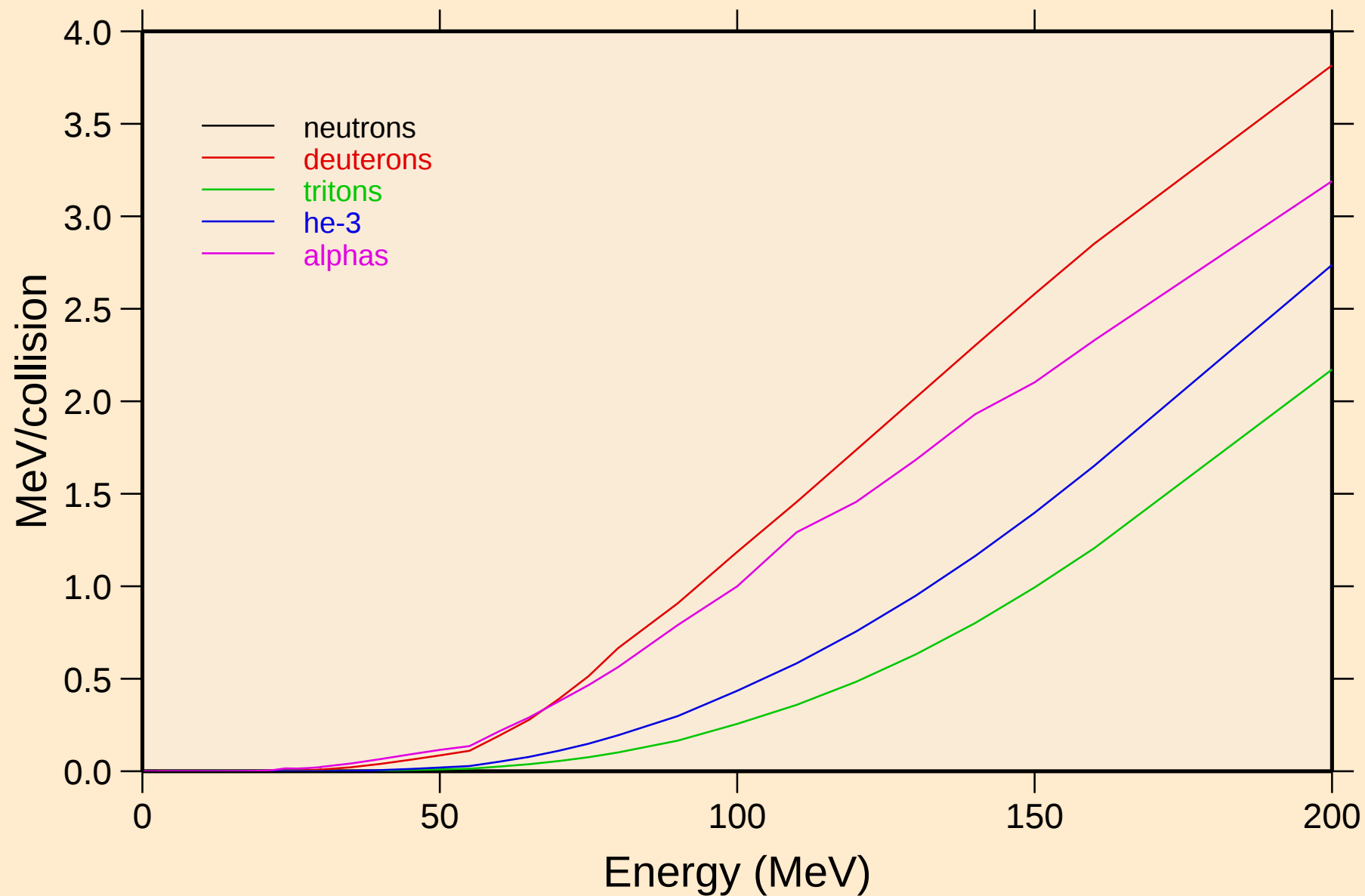
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pt)



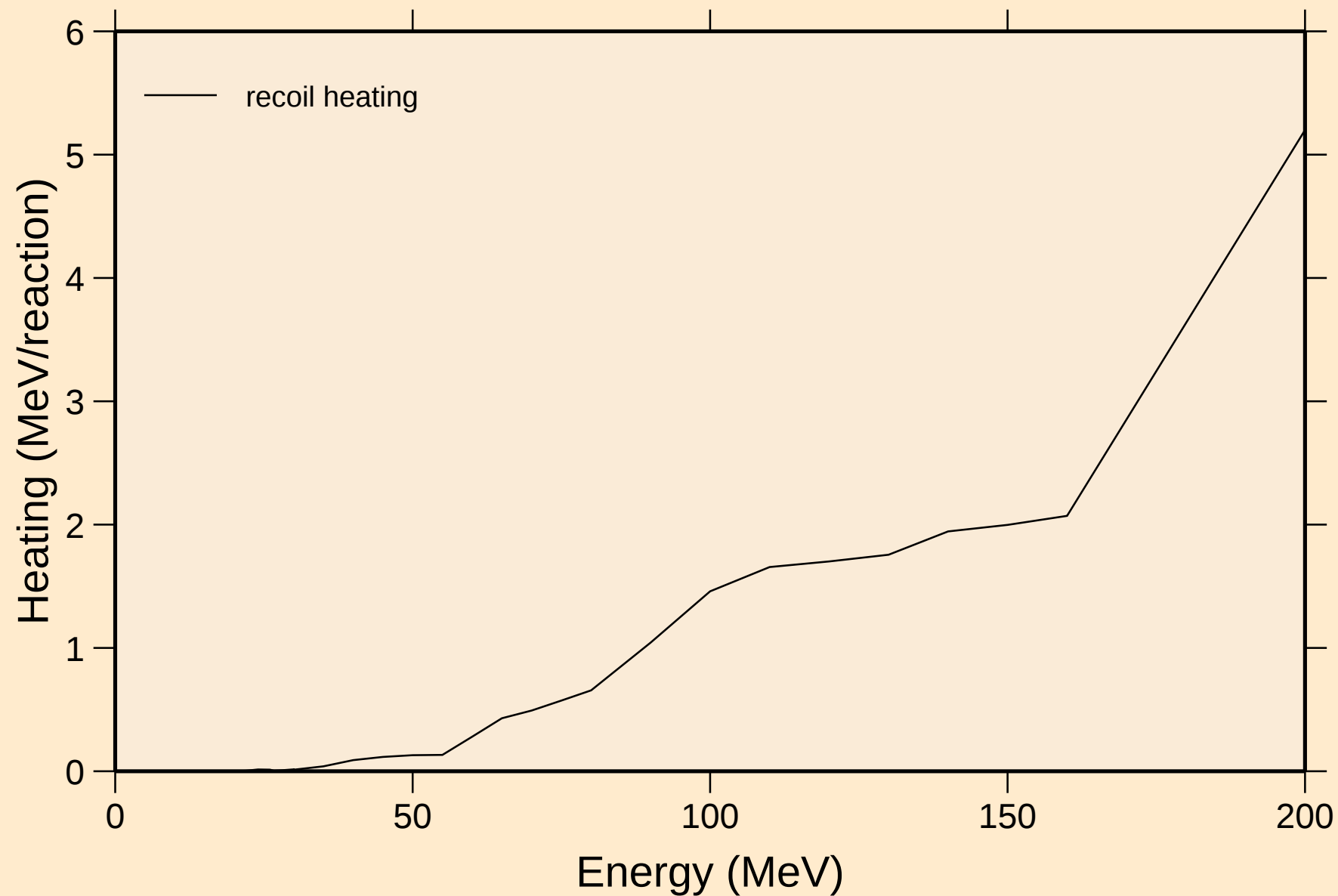
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,da)



TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Particle heating contributions

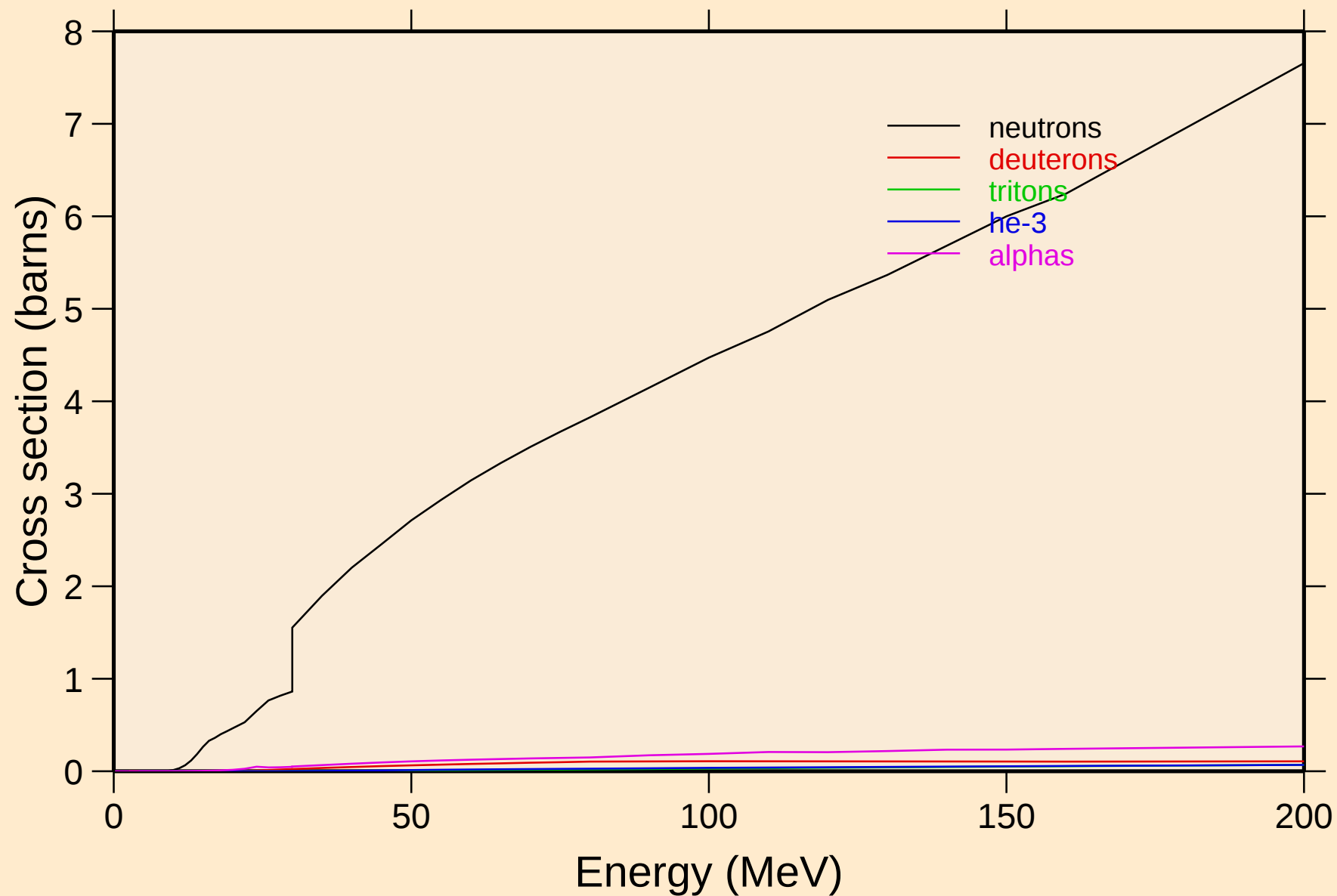


TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Recoil Heating

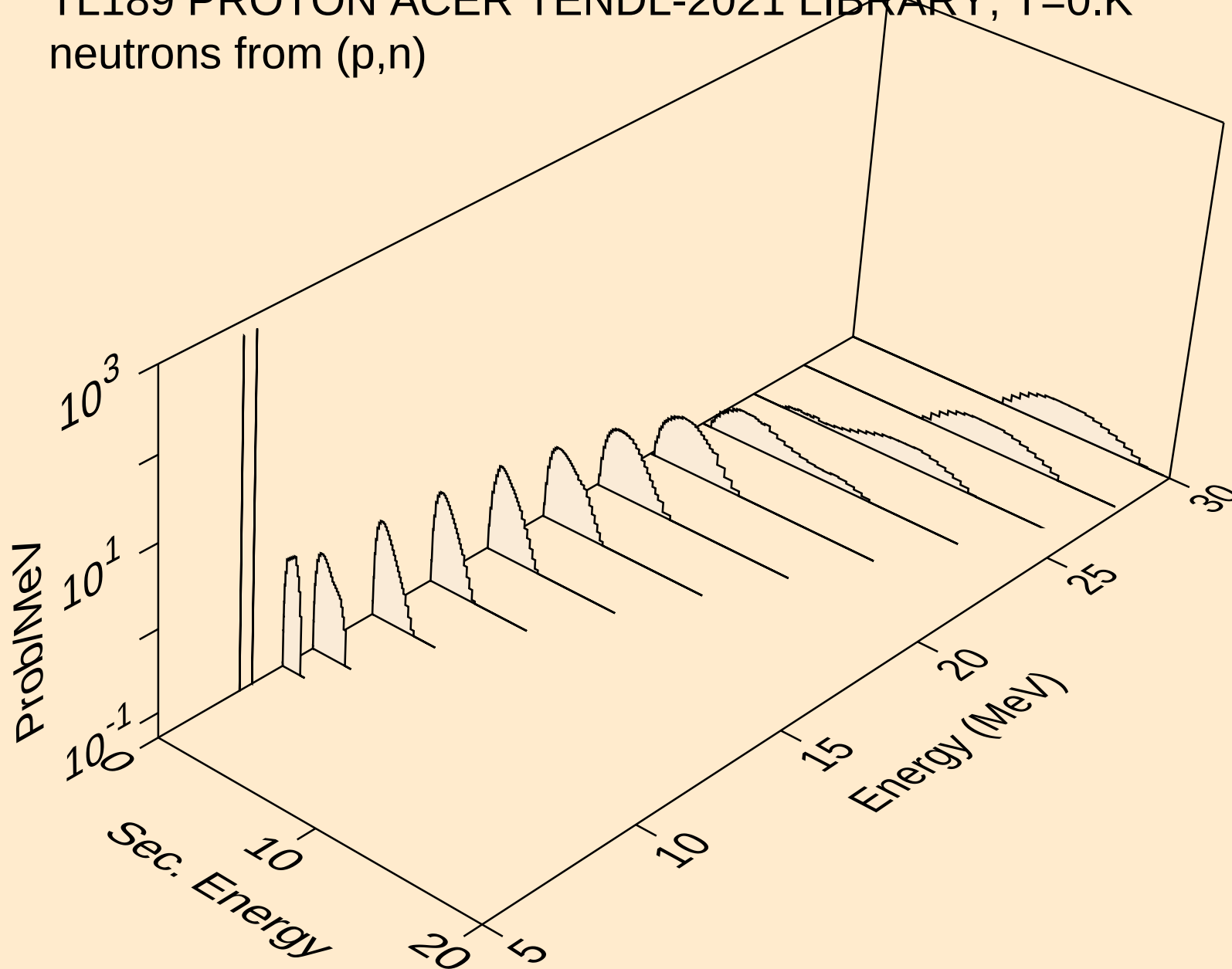


TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K

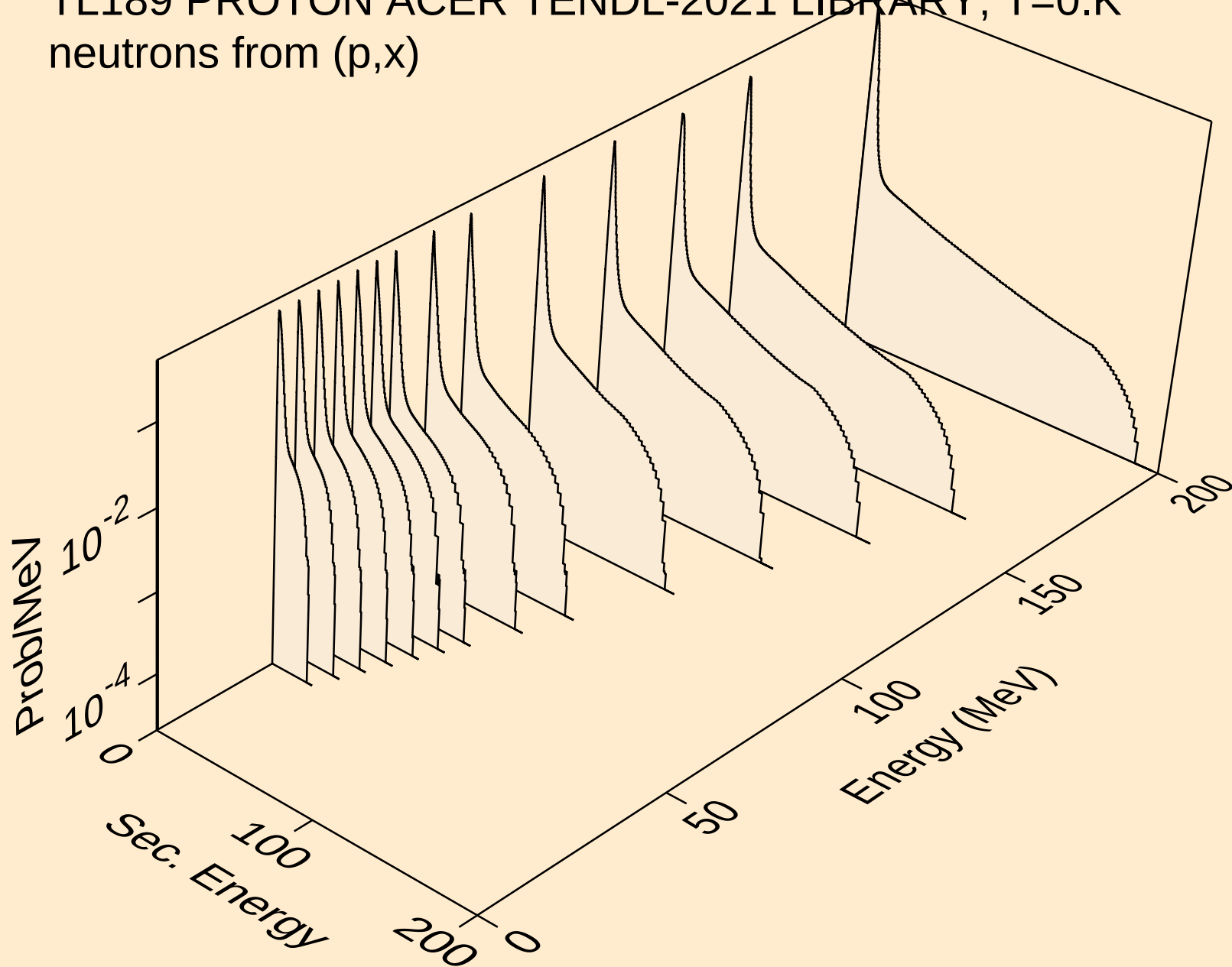
Particle production cross sections



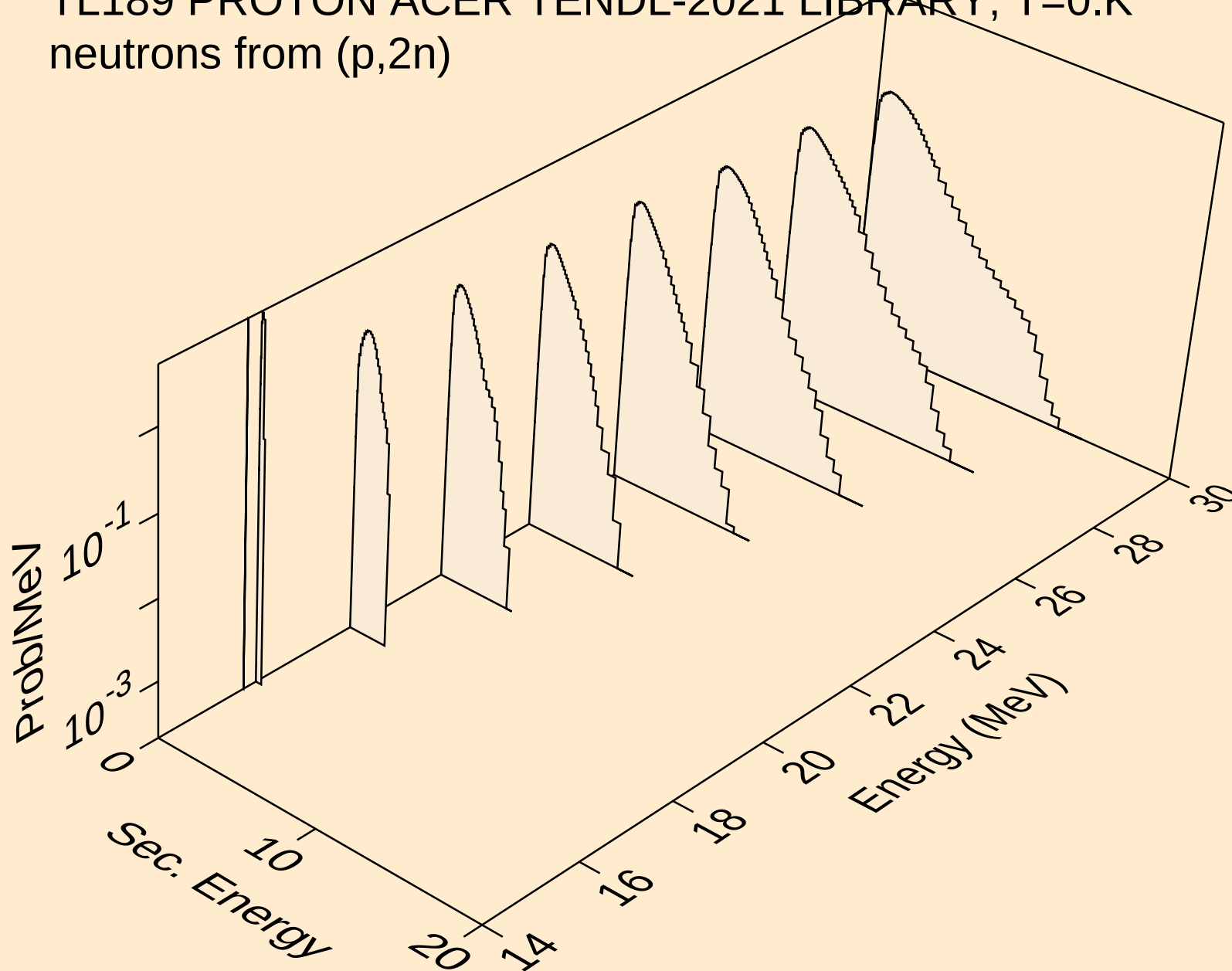
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n)



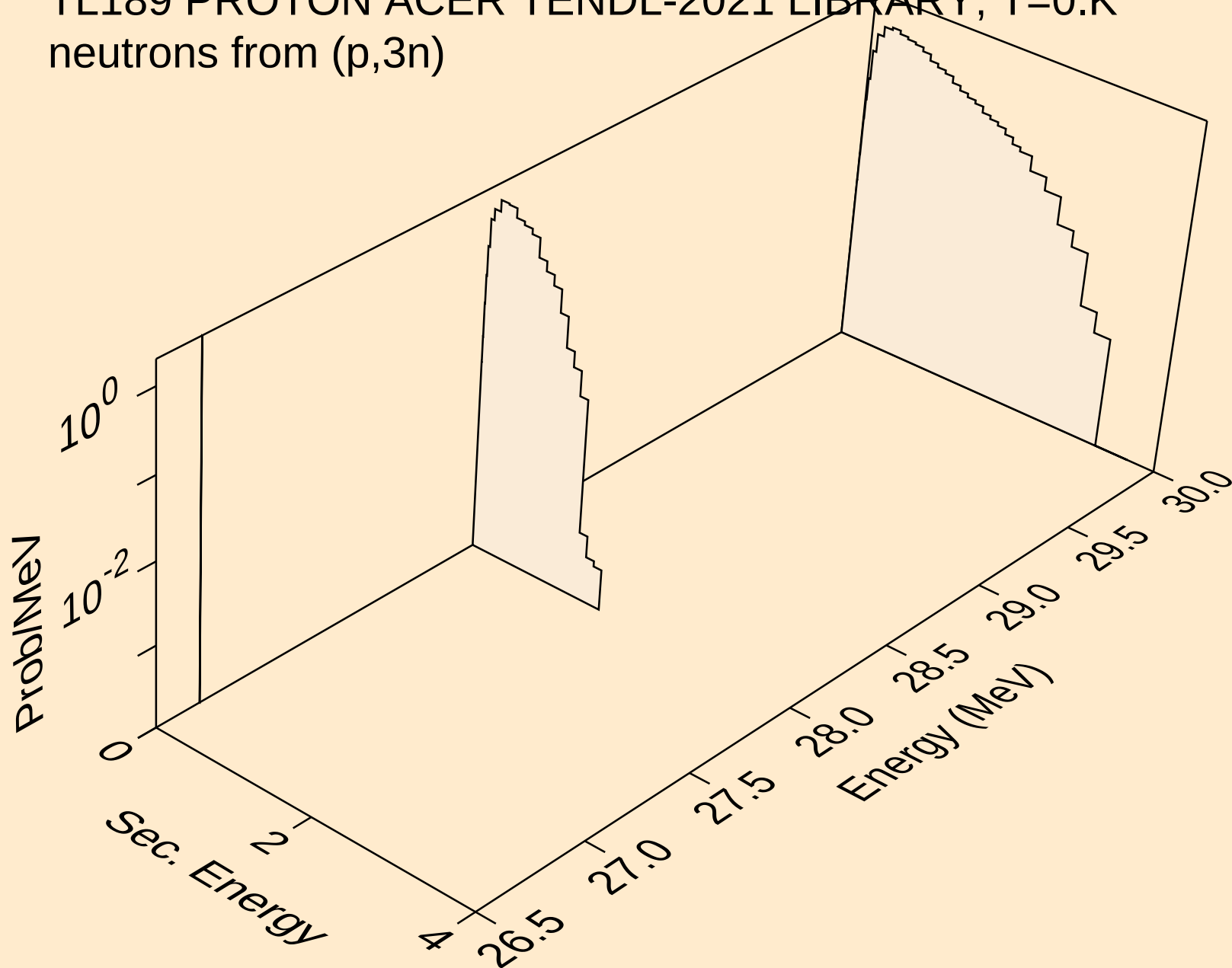
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,x)



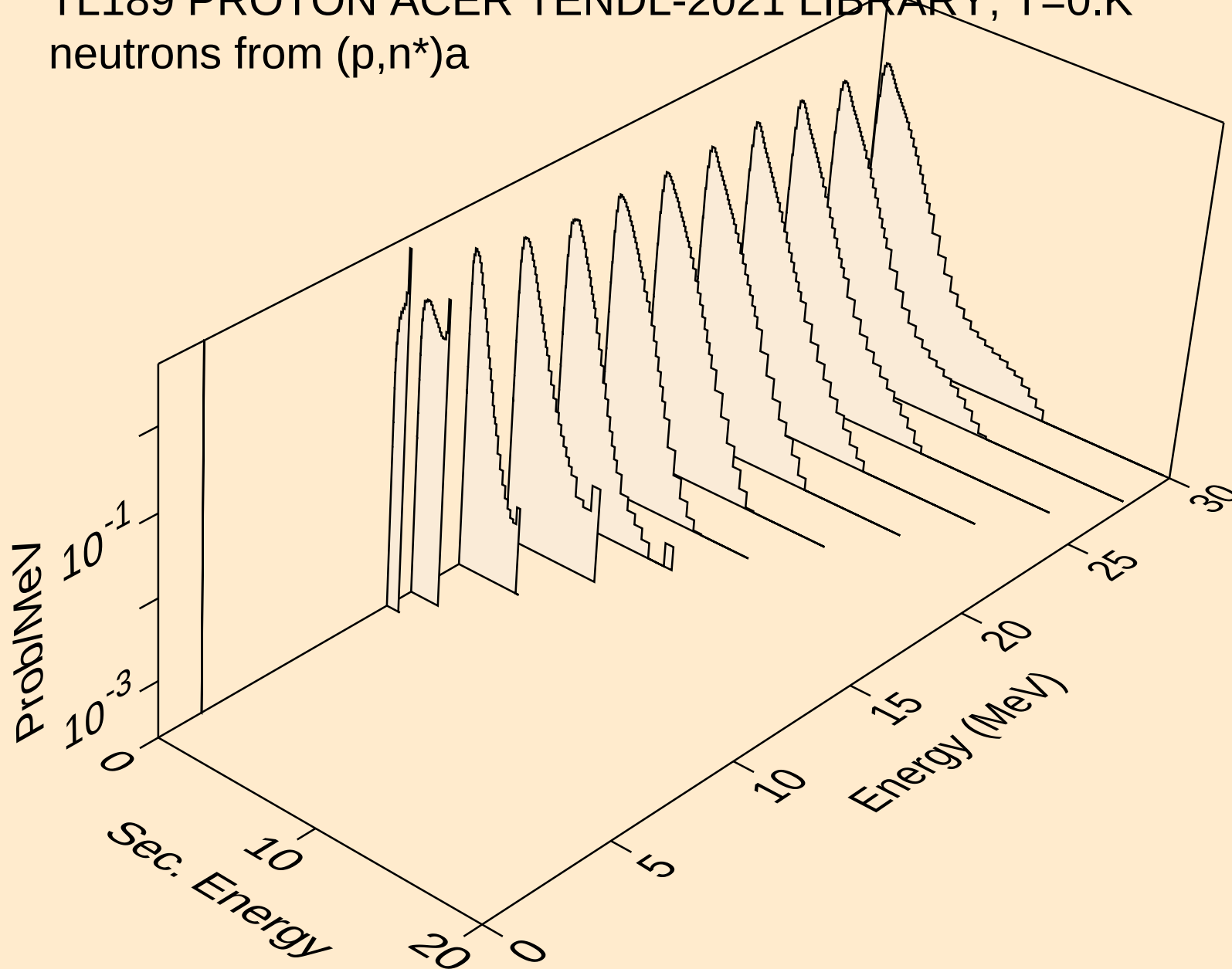
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,2n)



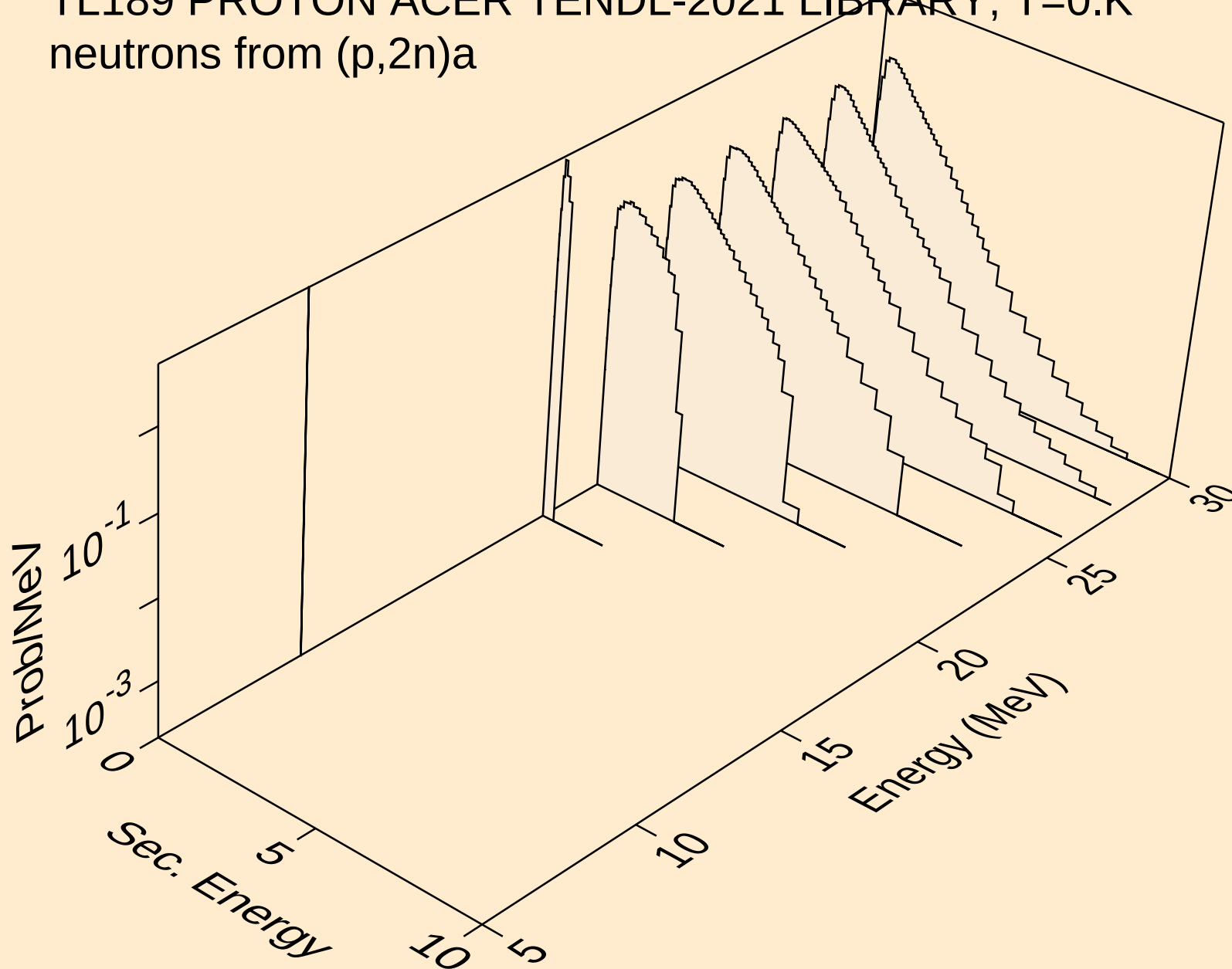
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,3n)



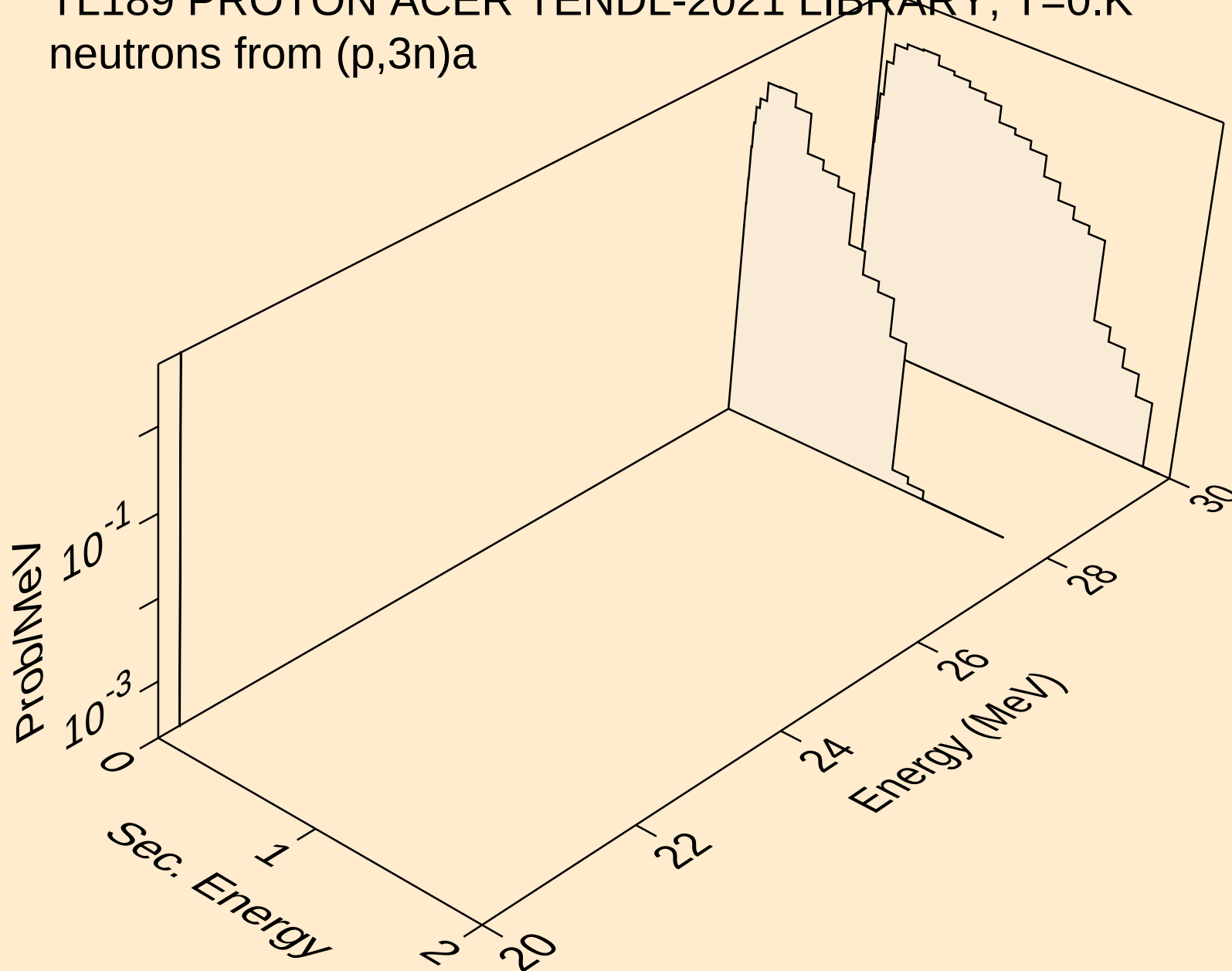
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)a



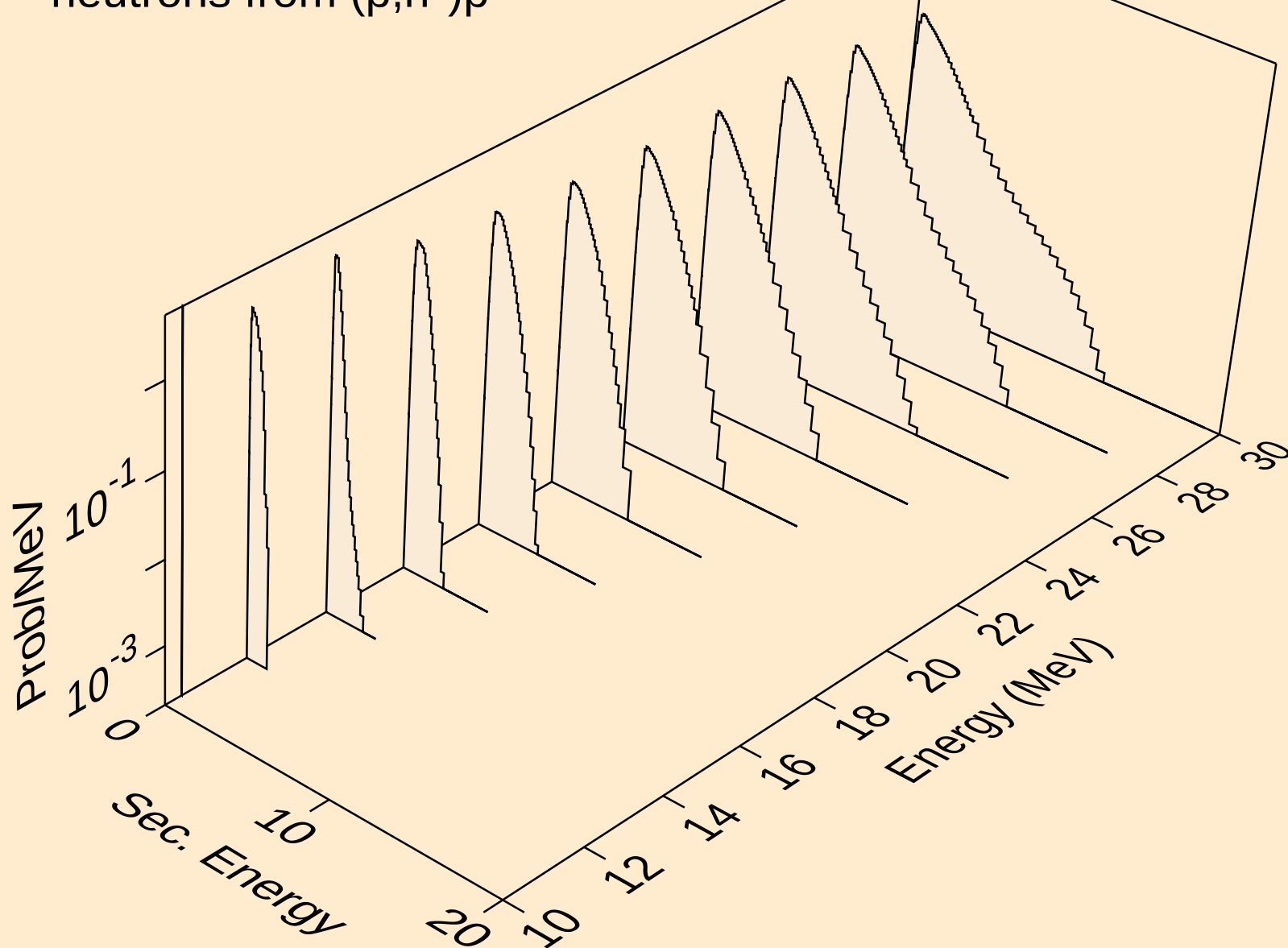
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,2n)a



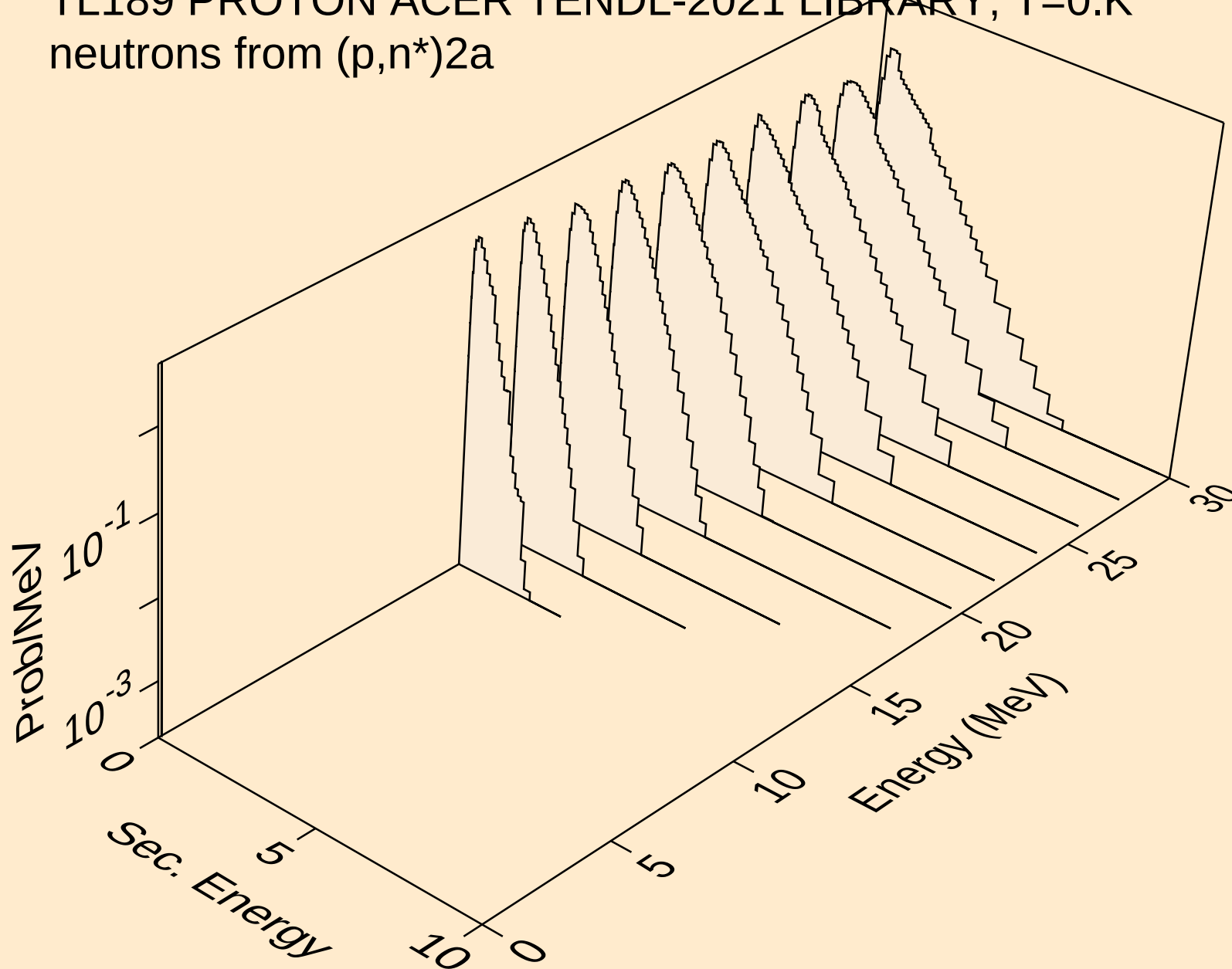
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,3n)a



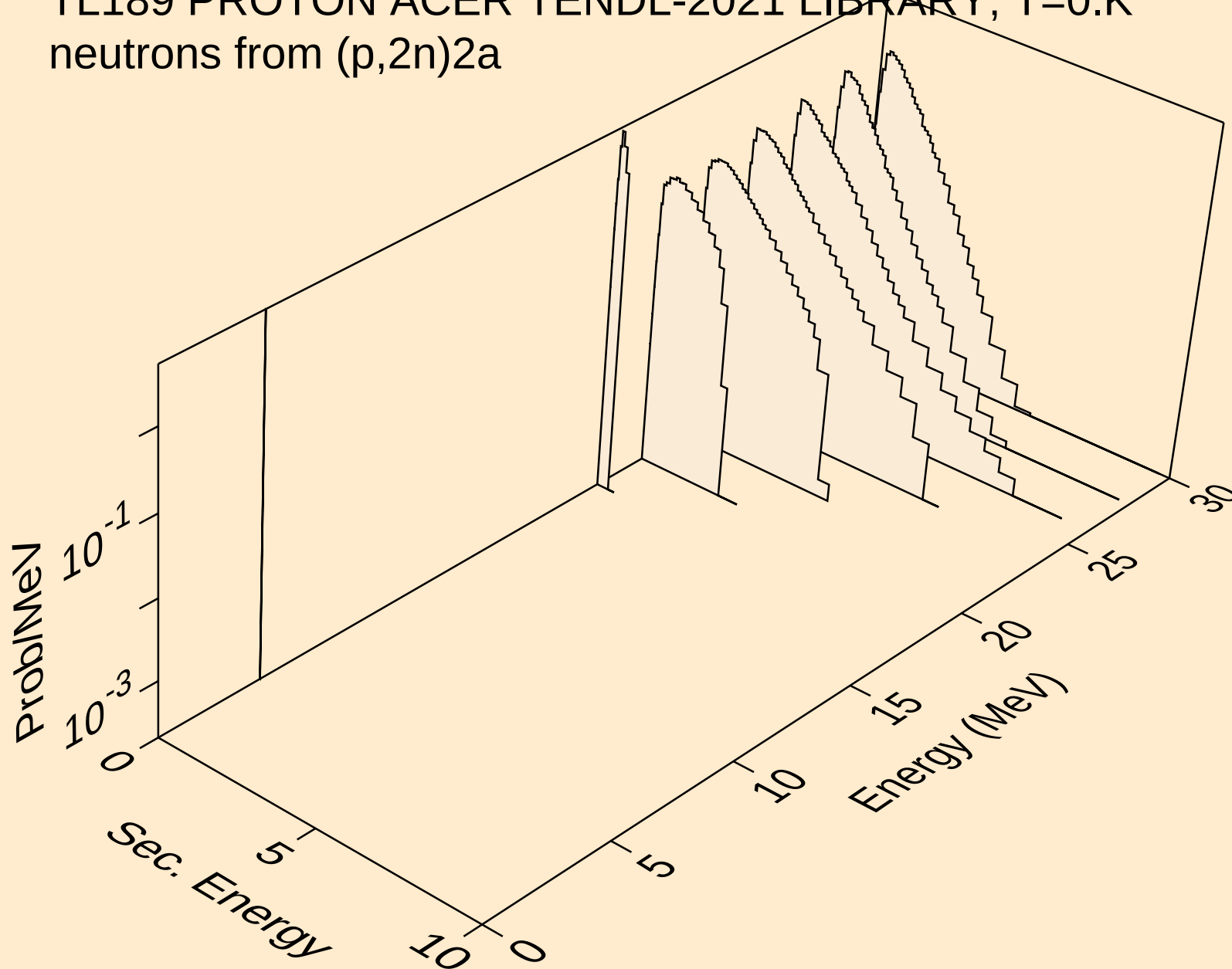
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)p



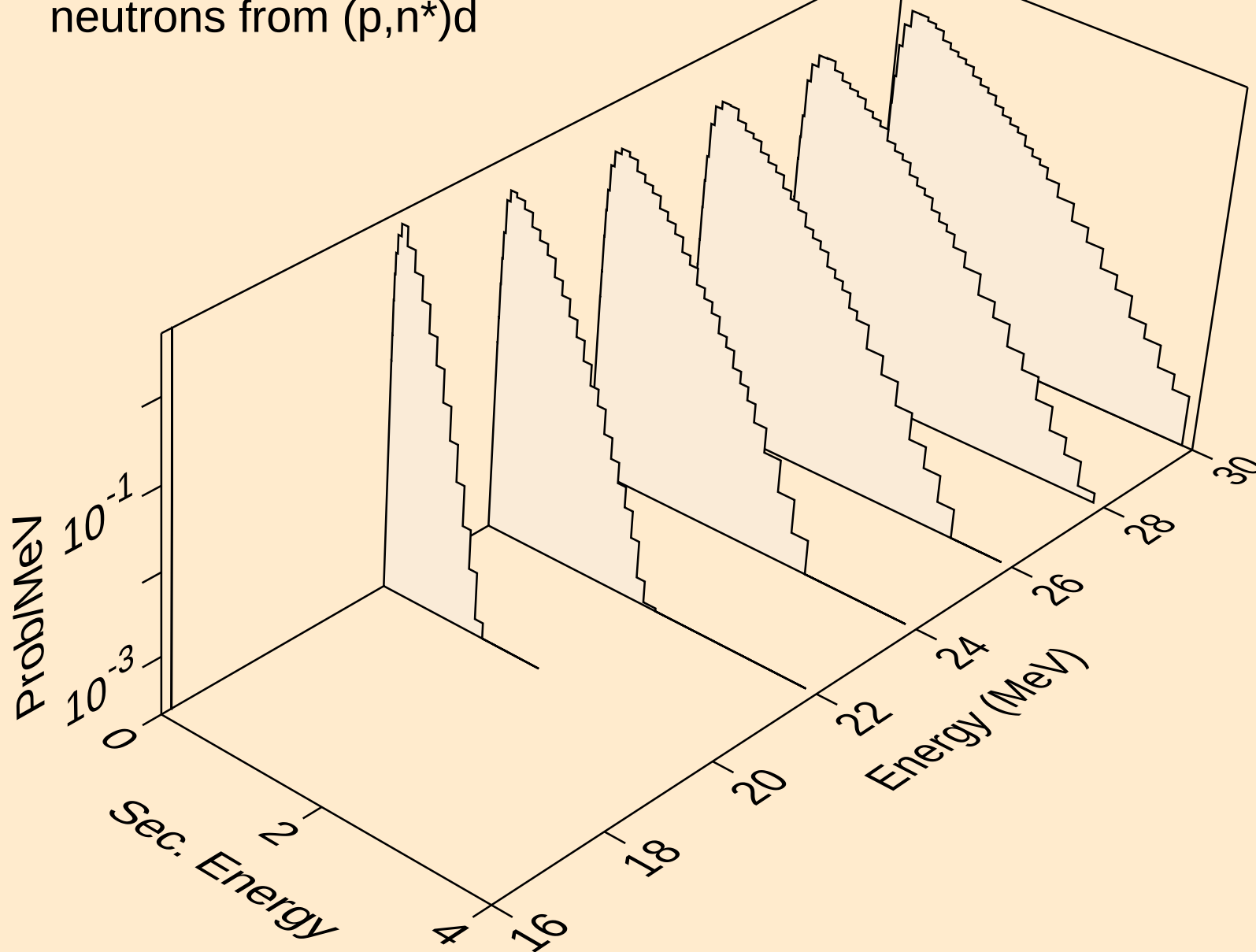
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)2a



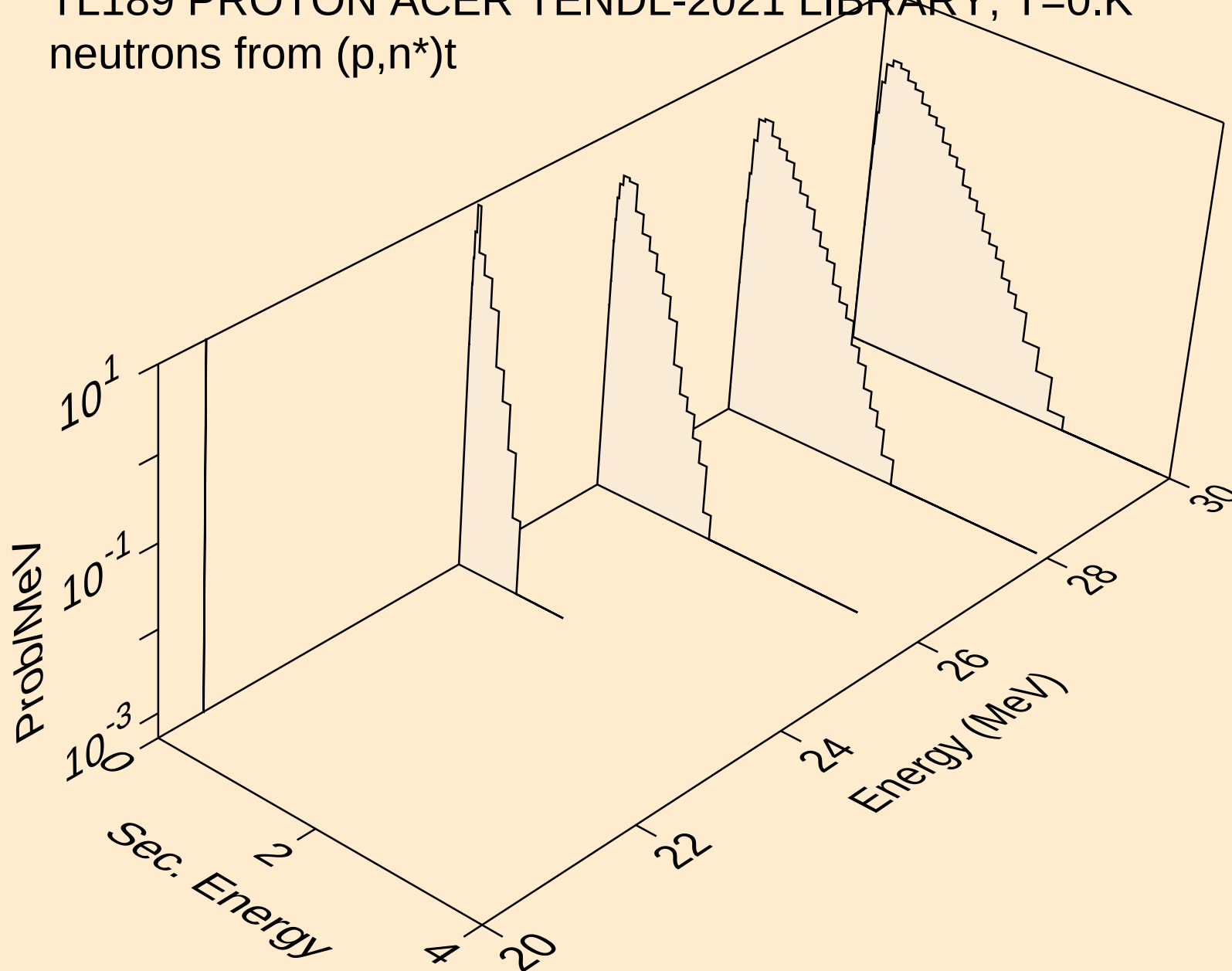
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,2n)2a



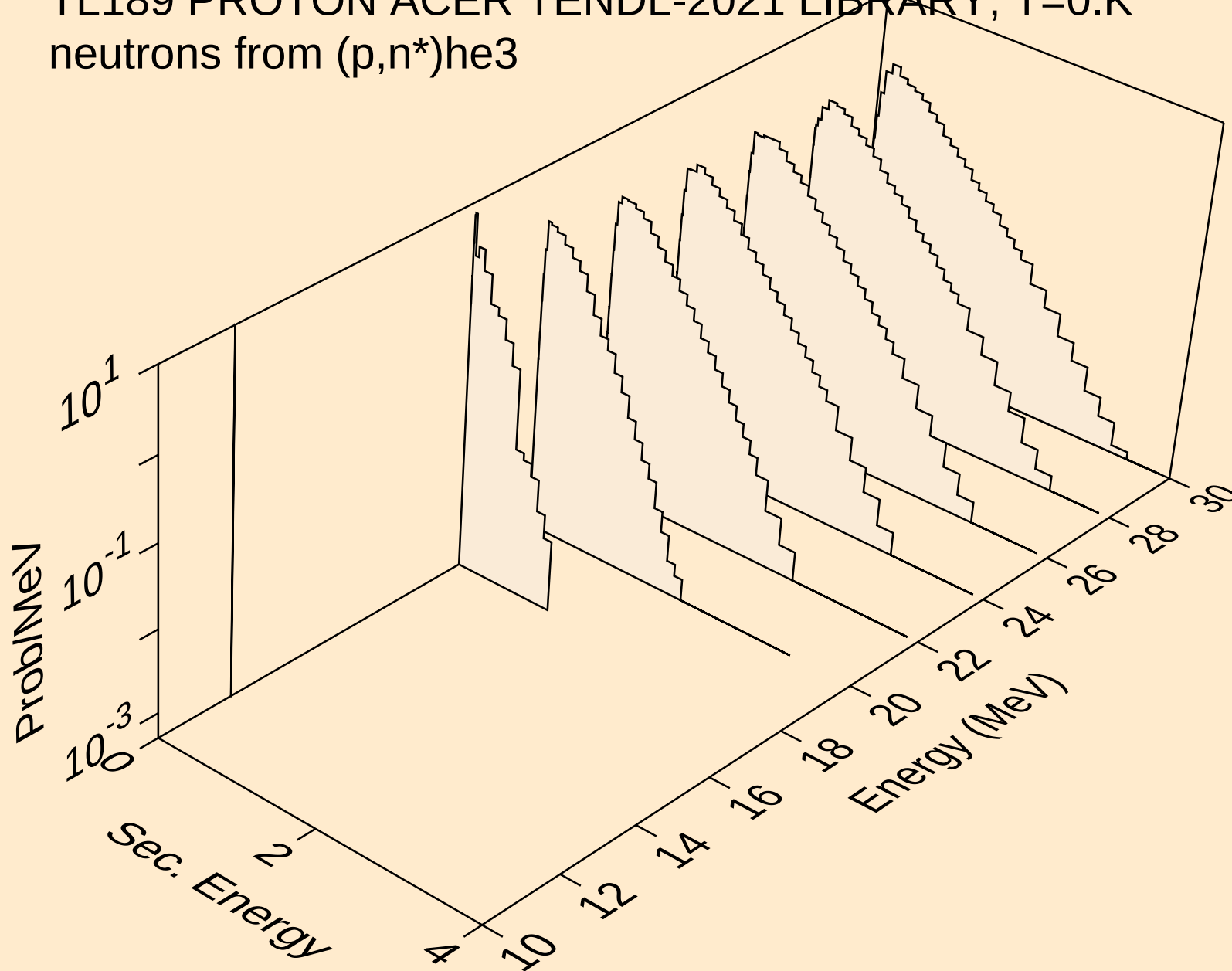
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)d



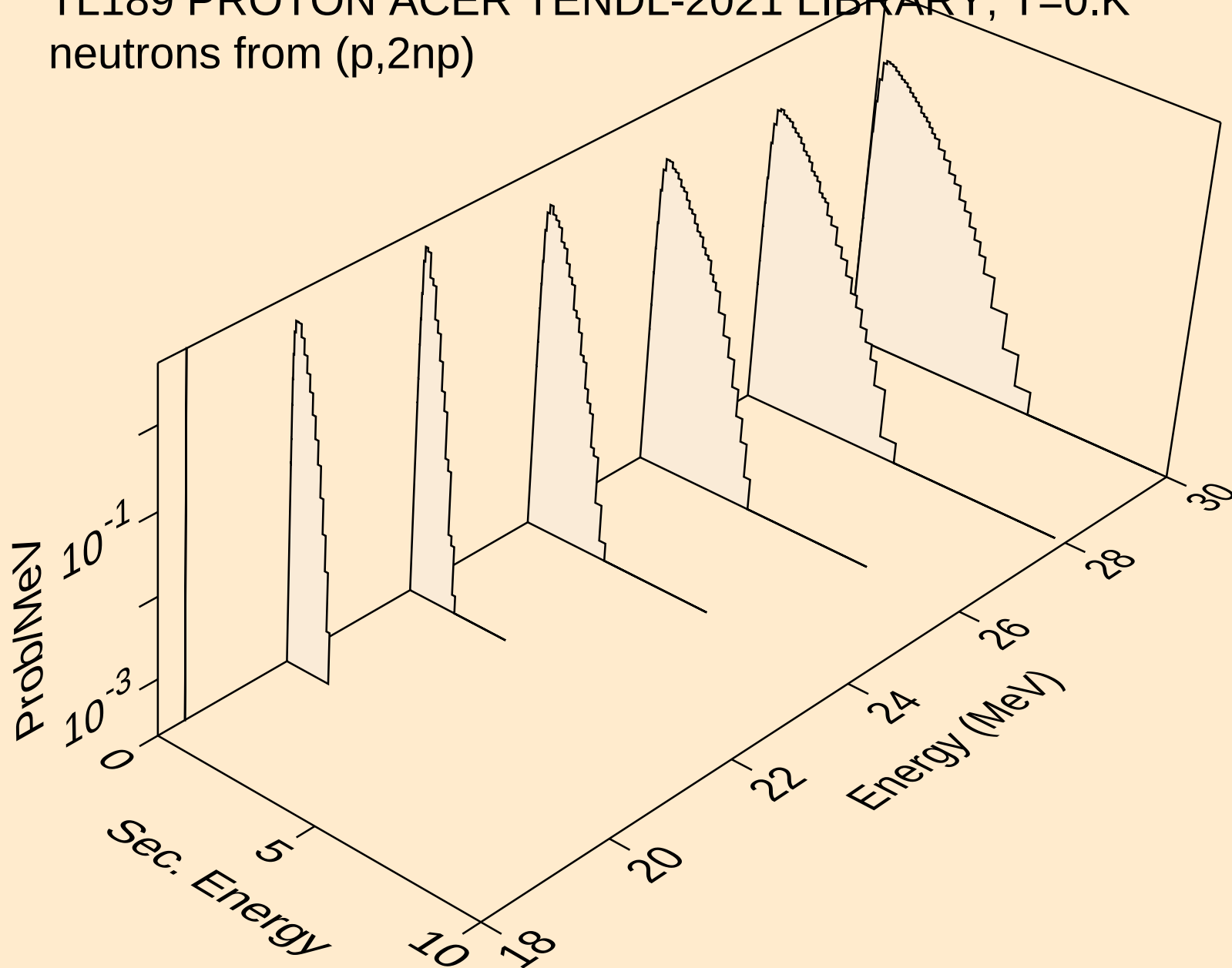
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)t



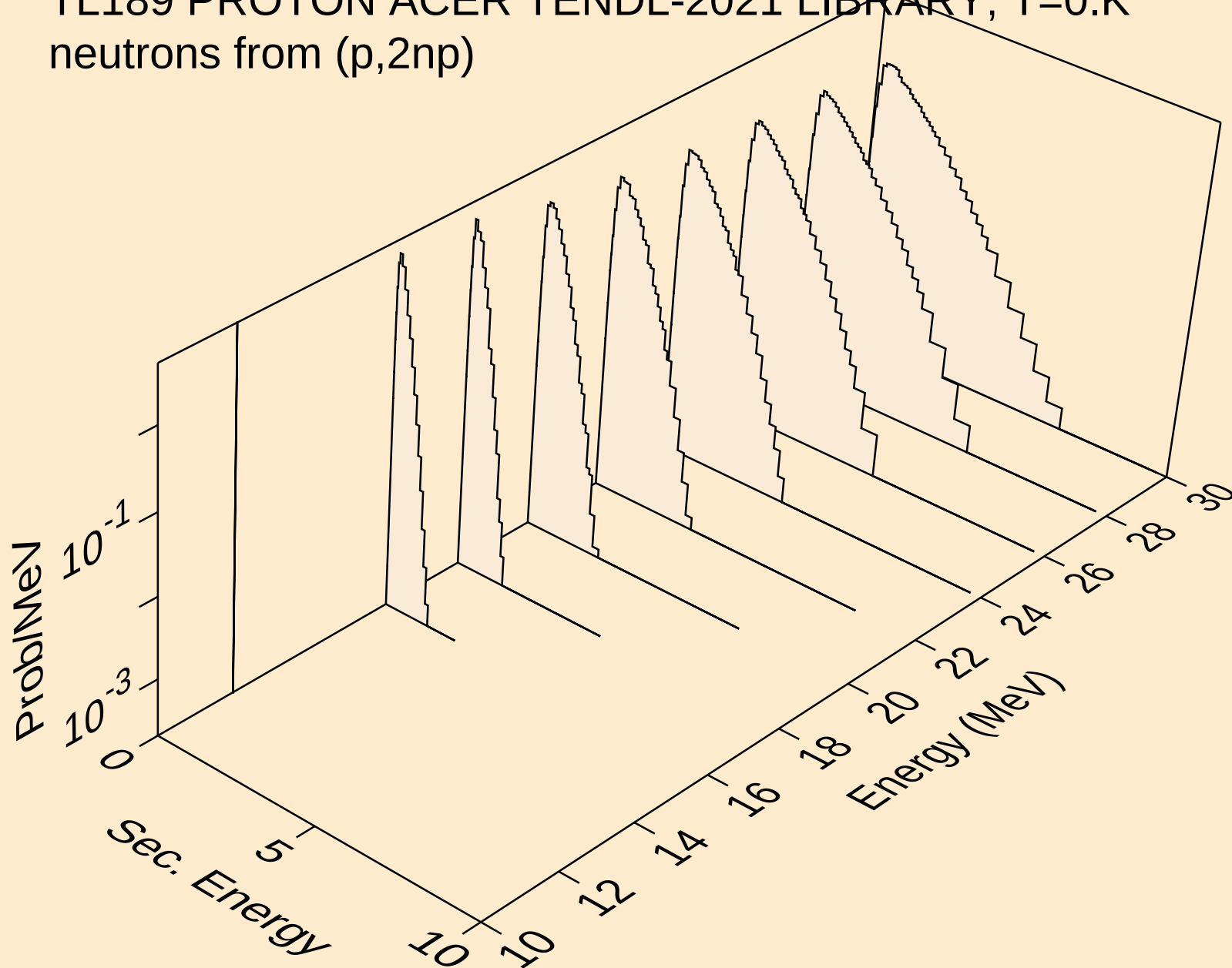
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)he3



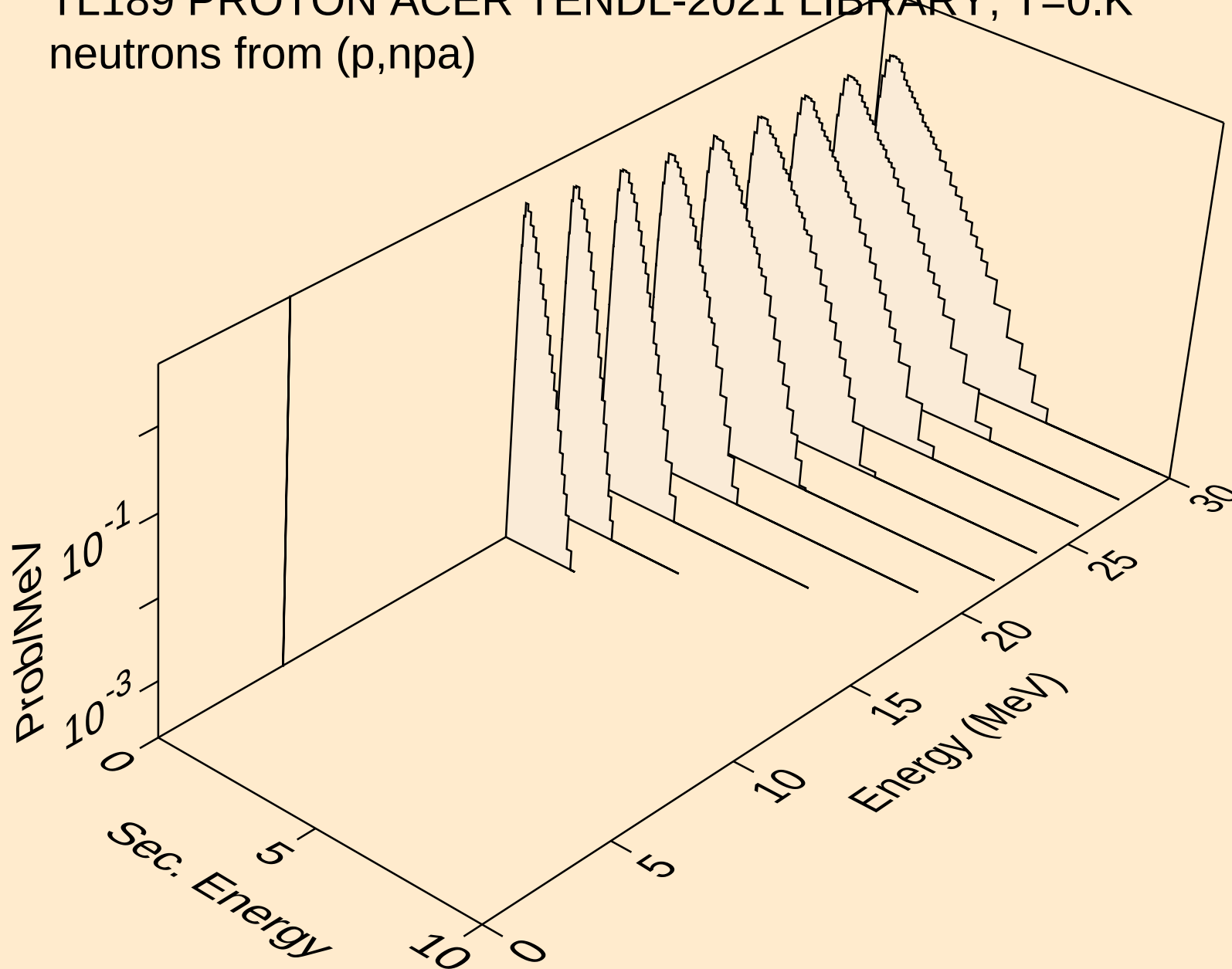
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,2np)



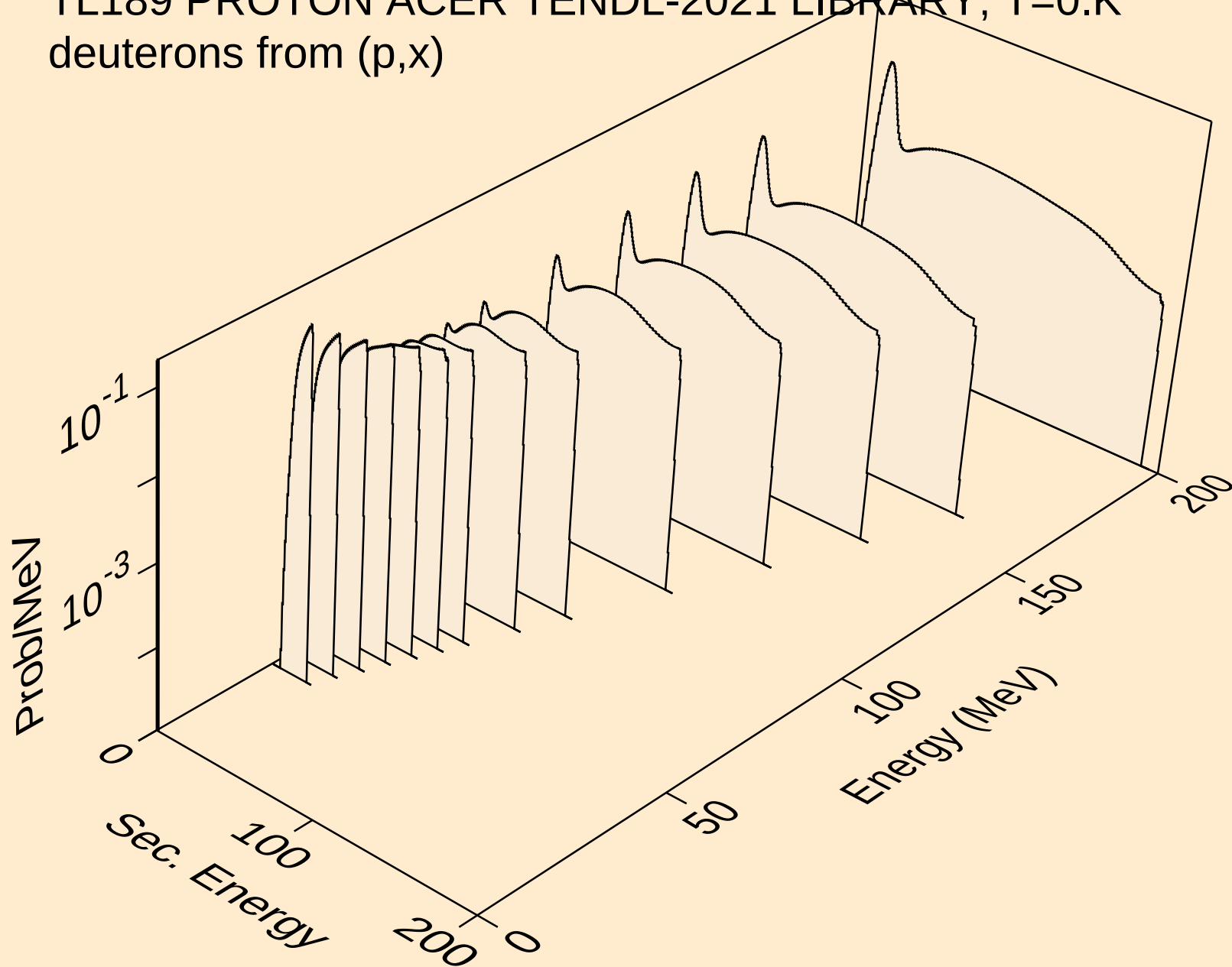
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,2np)



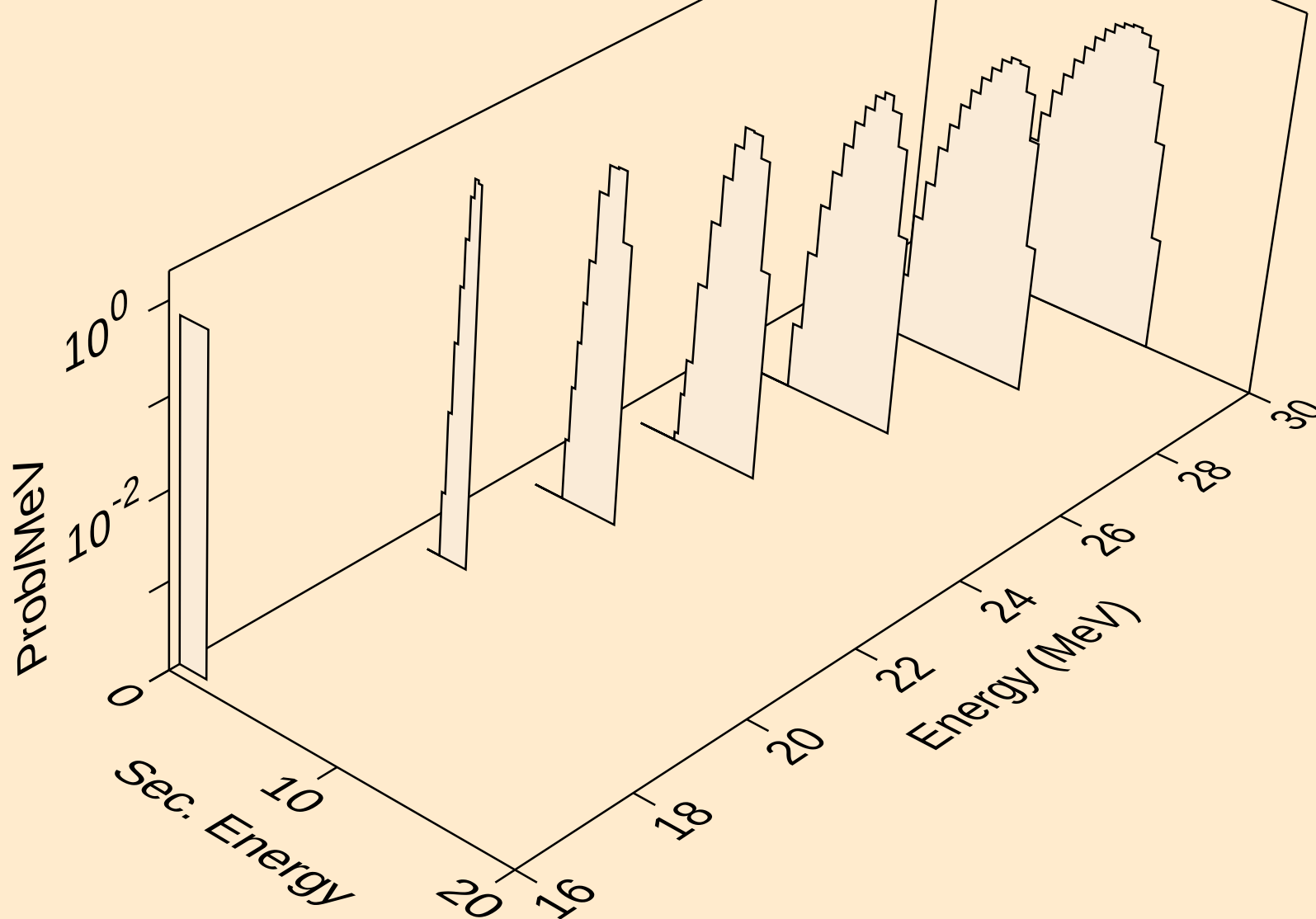
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,npa)



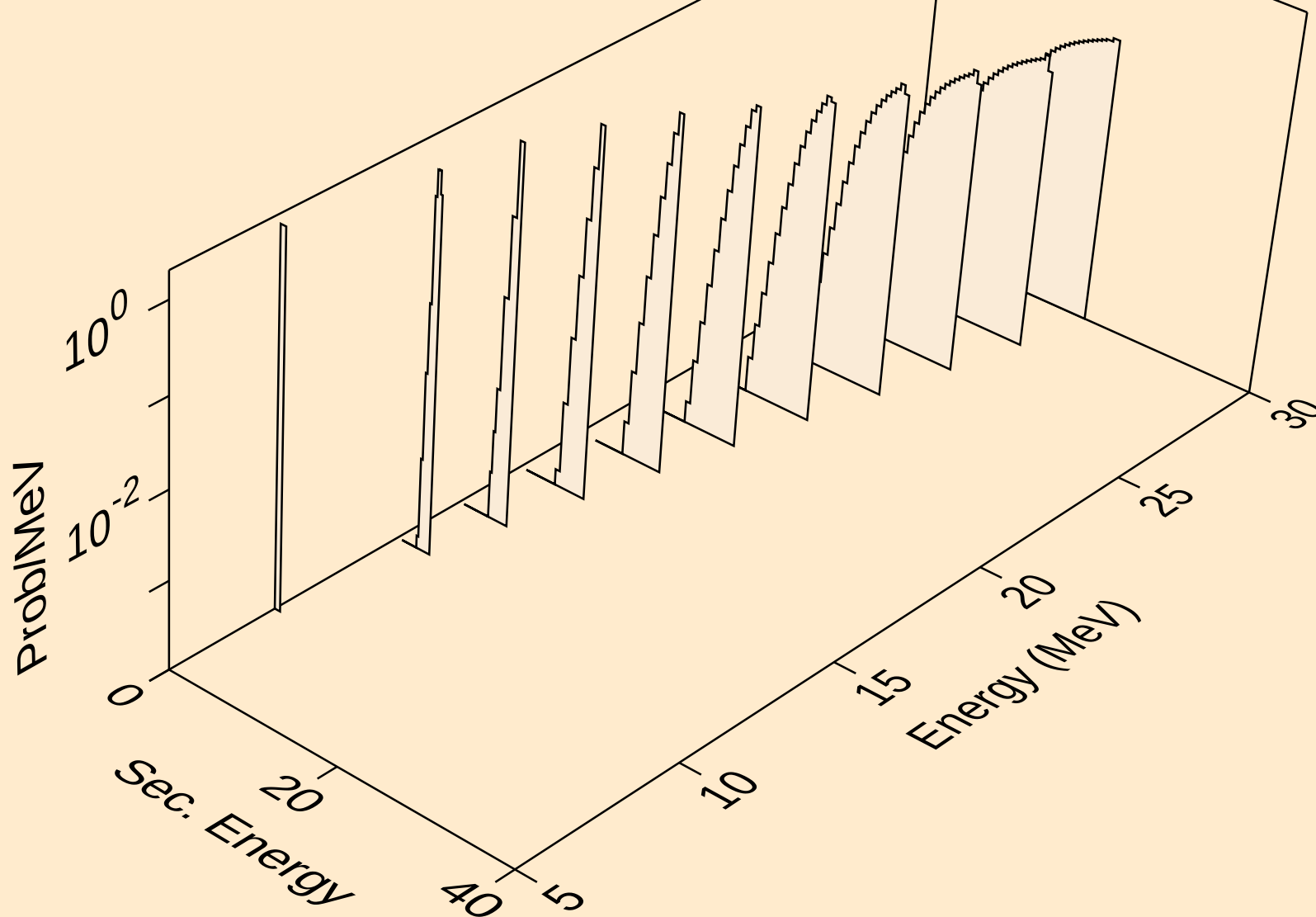
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (p,x)



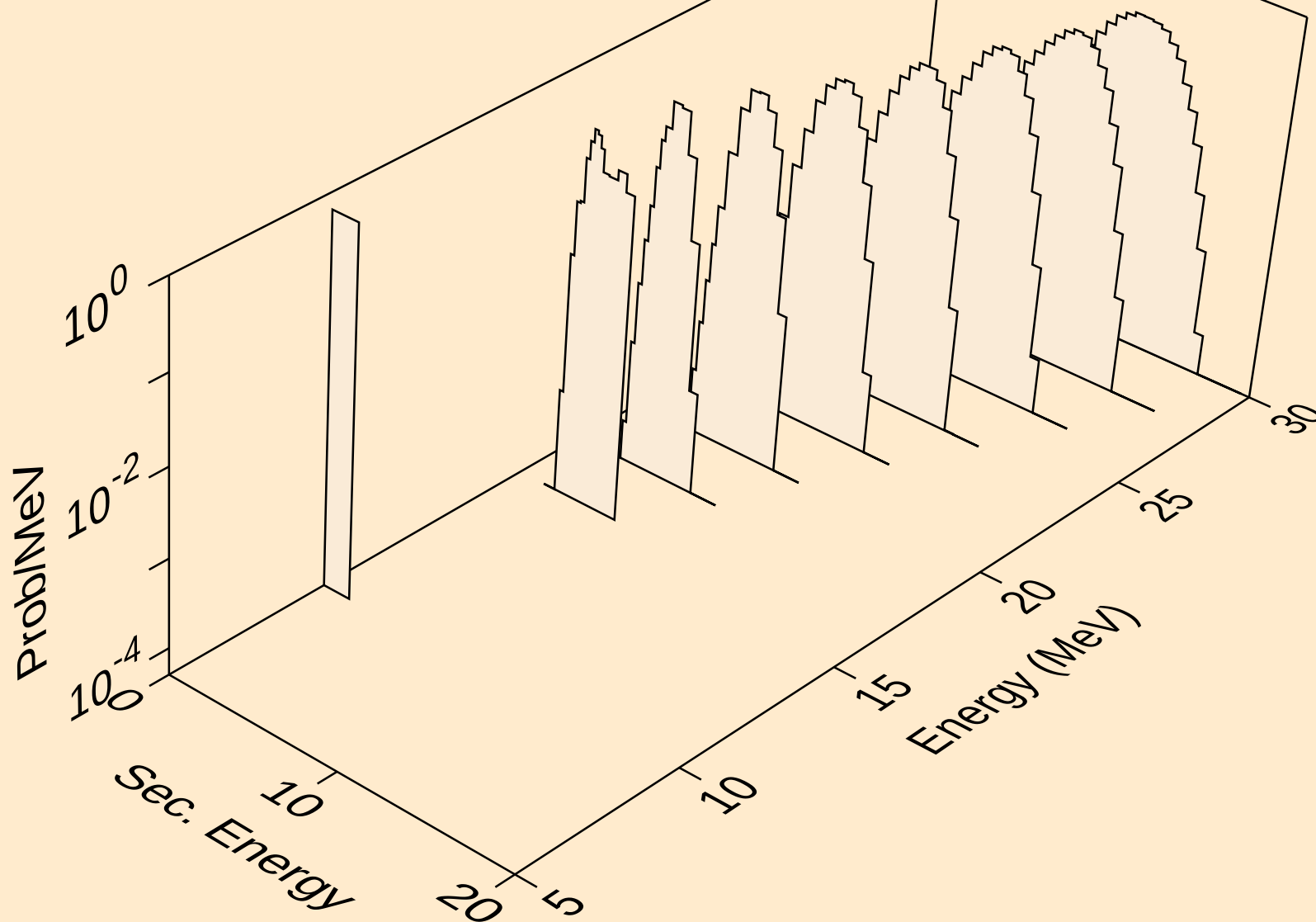
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (p,n*)d



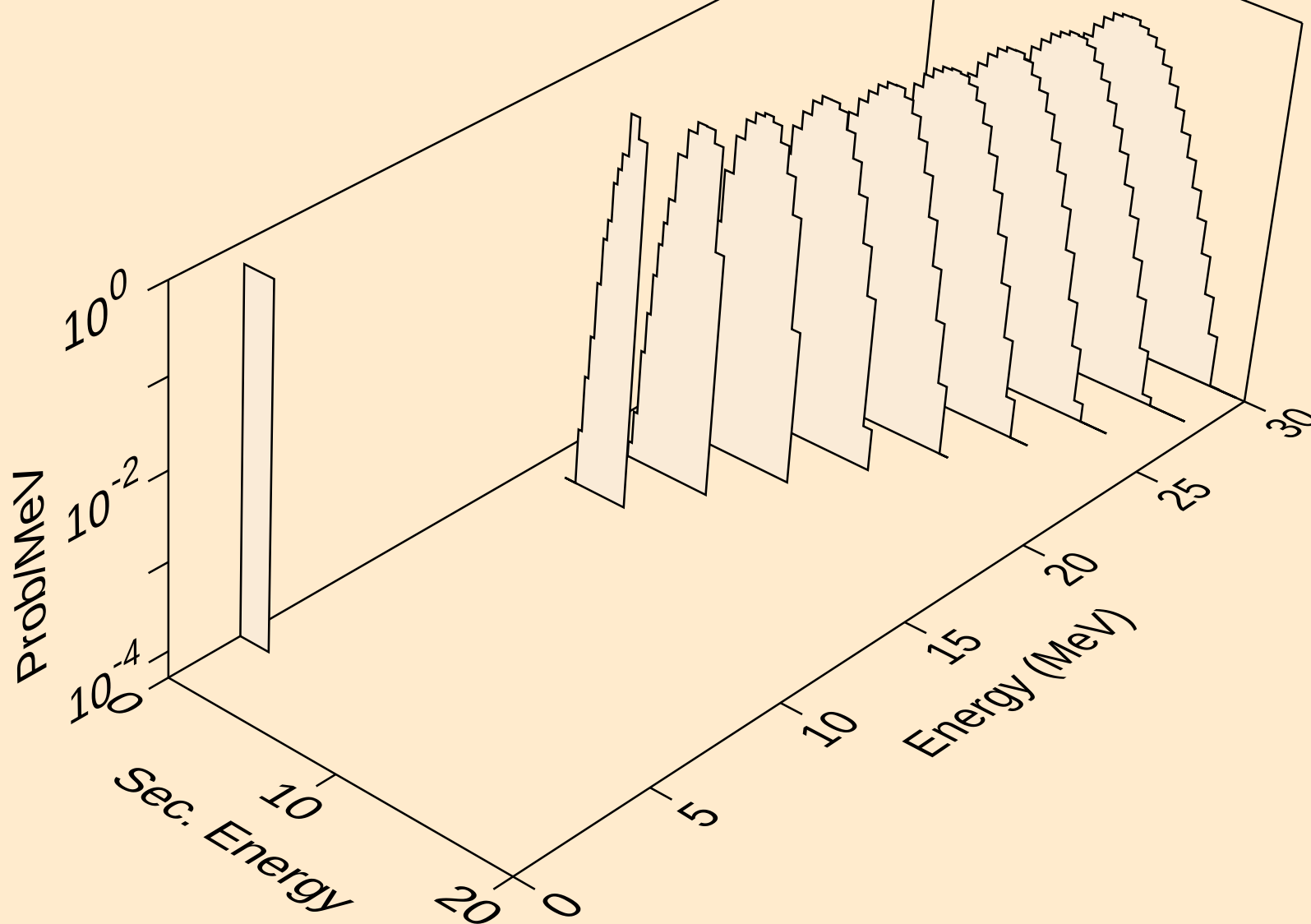
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (p,d)



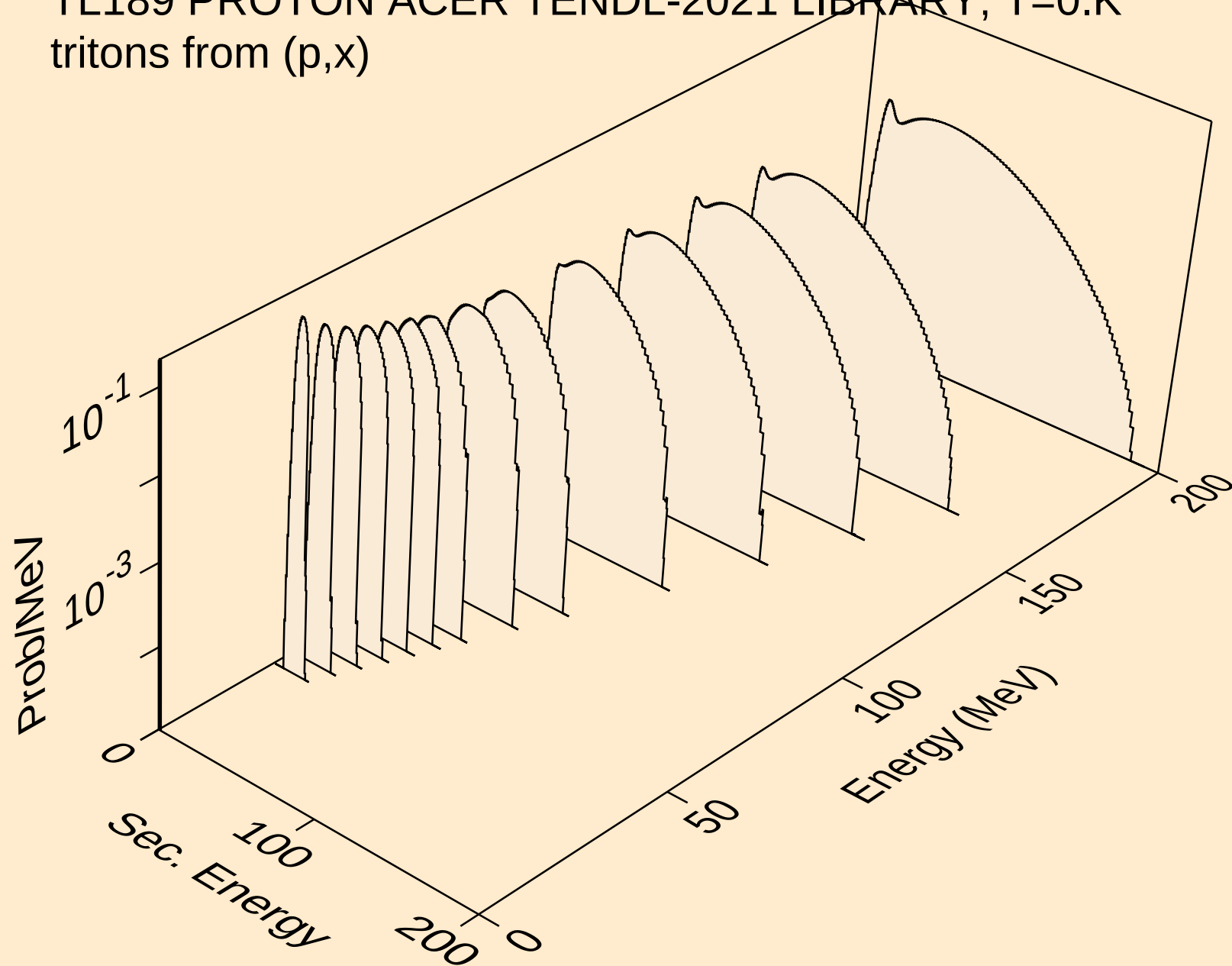
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (p,pd)



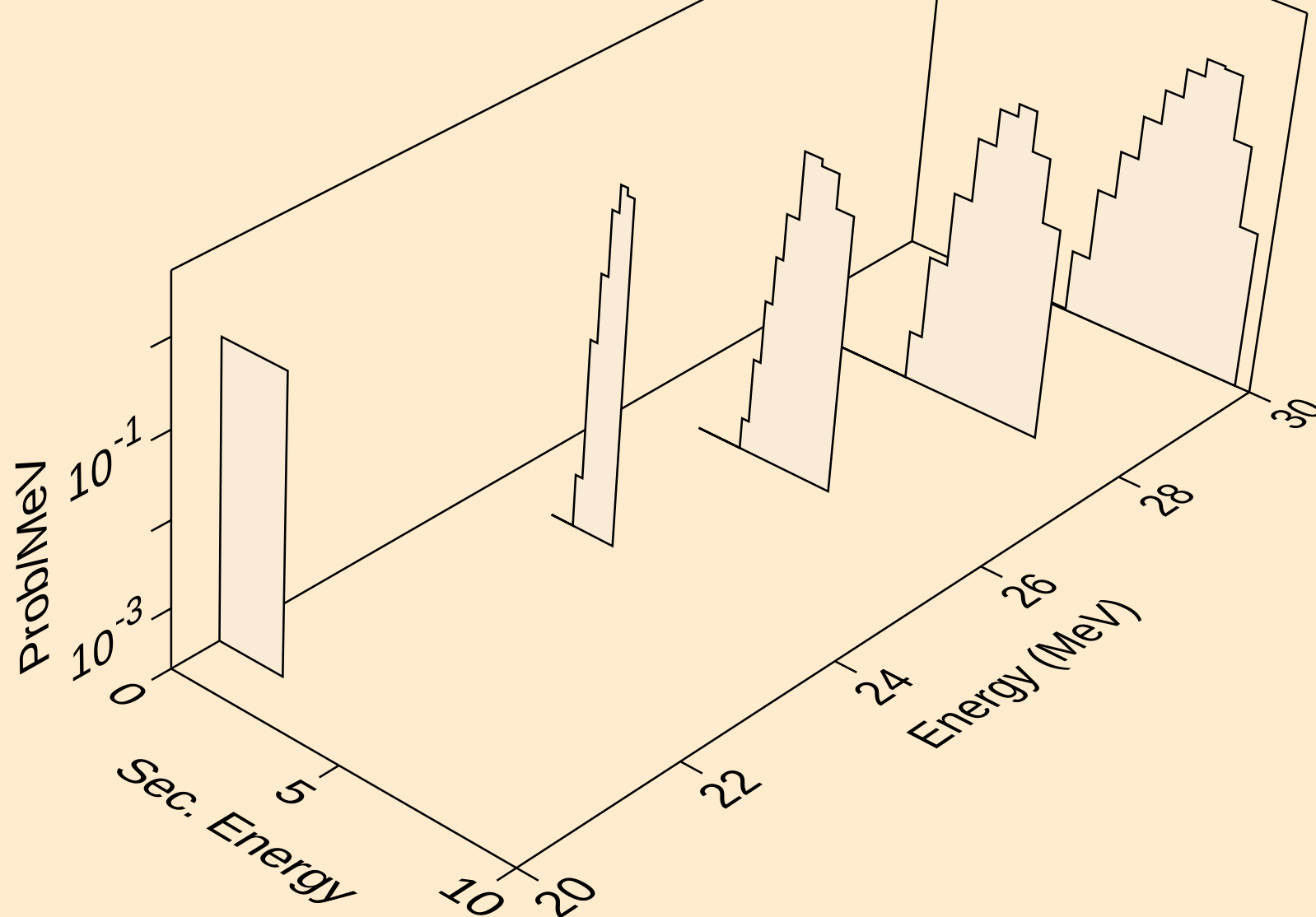
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (p,da)



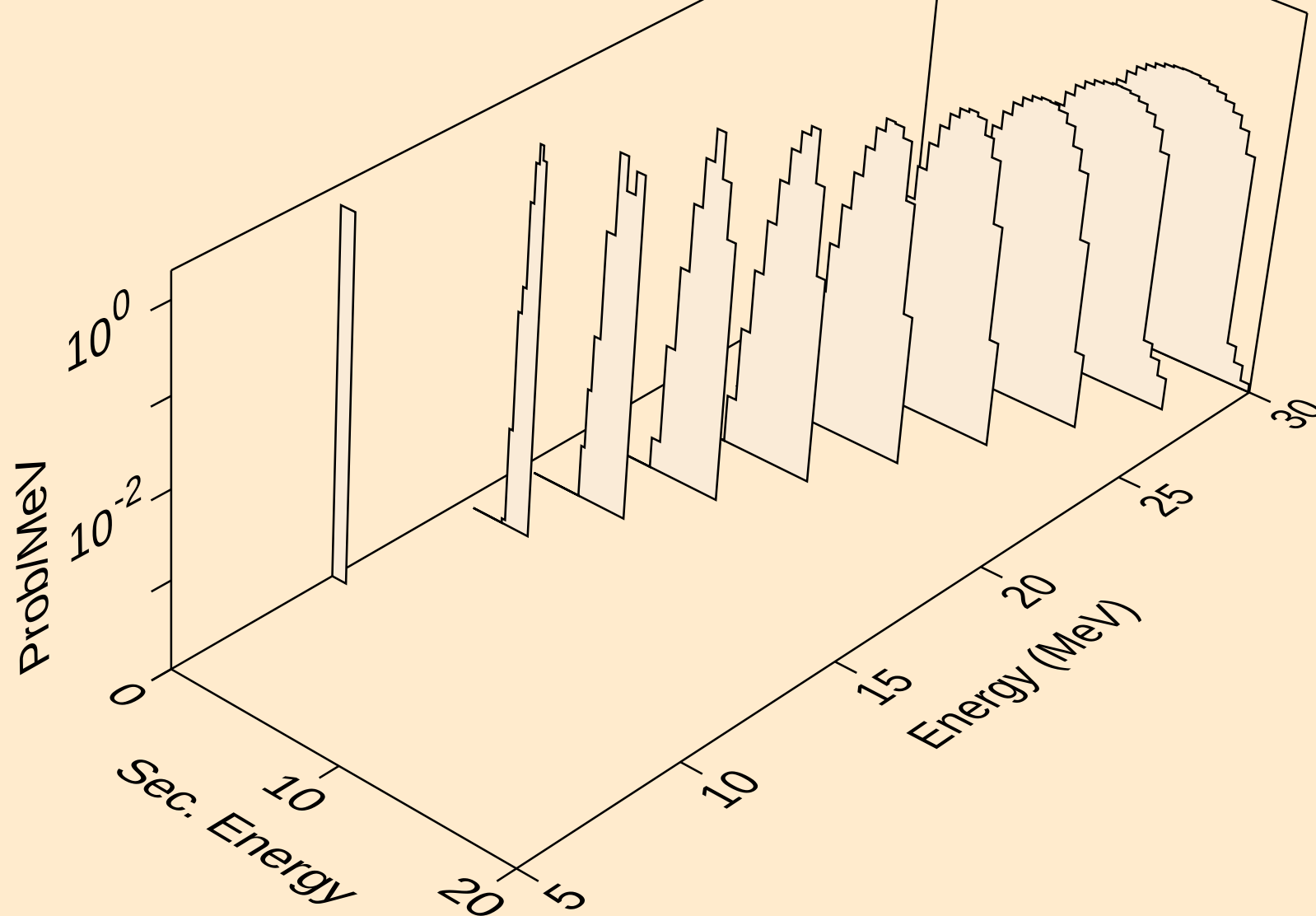
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (p,x)



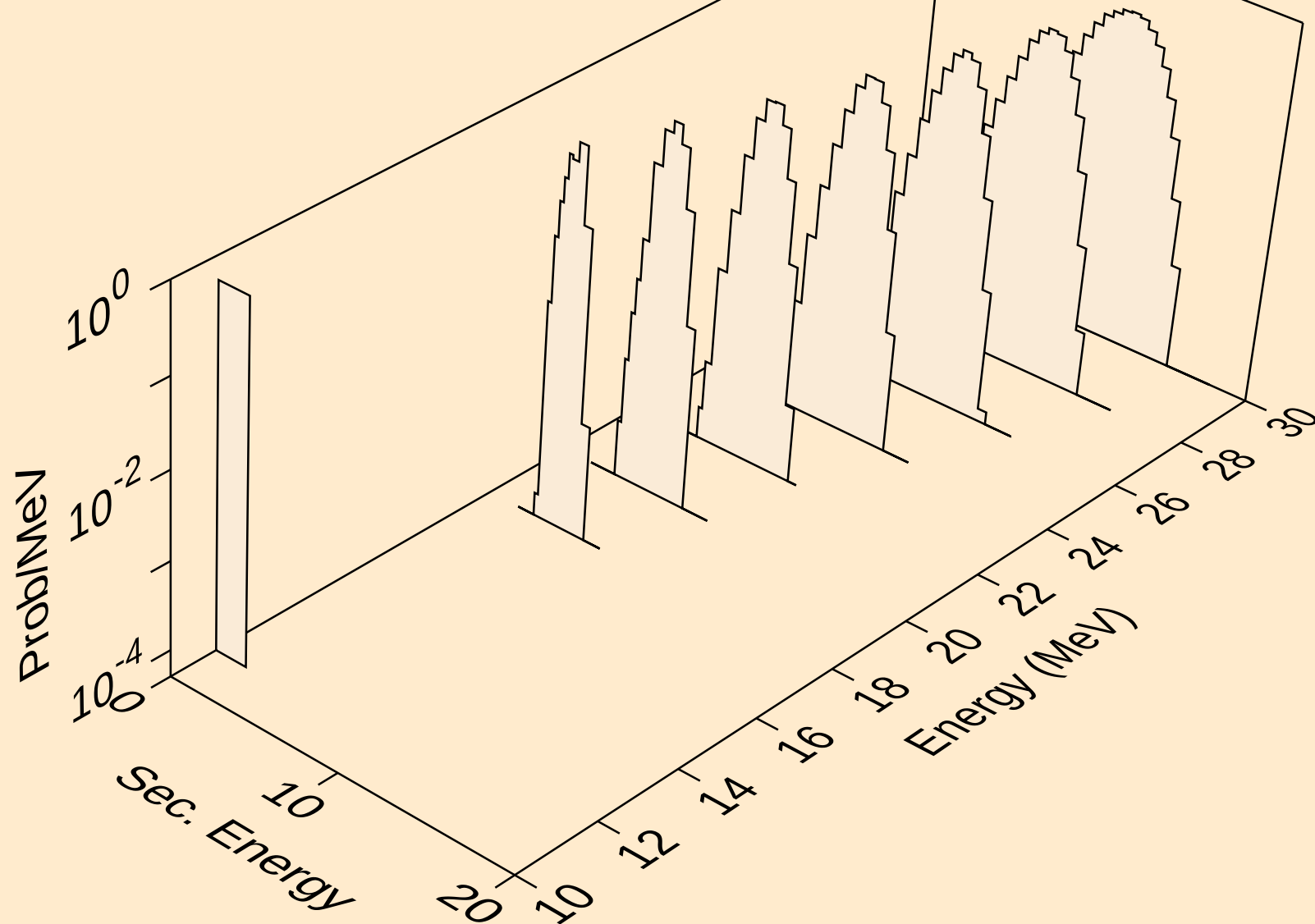
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (p,n*)t



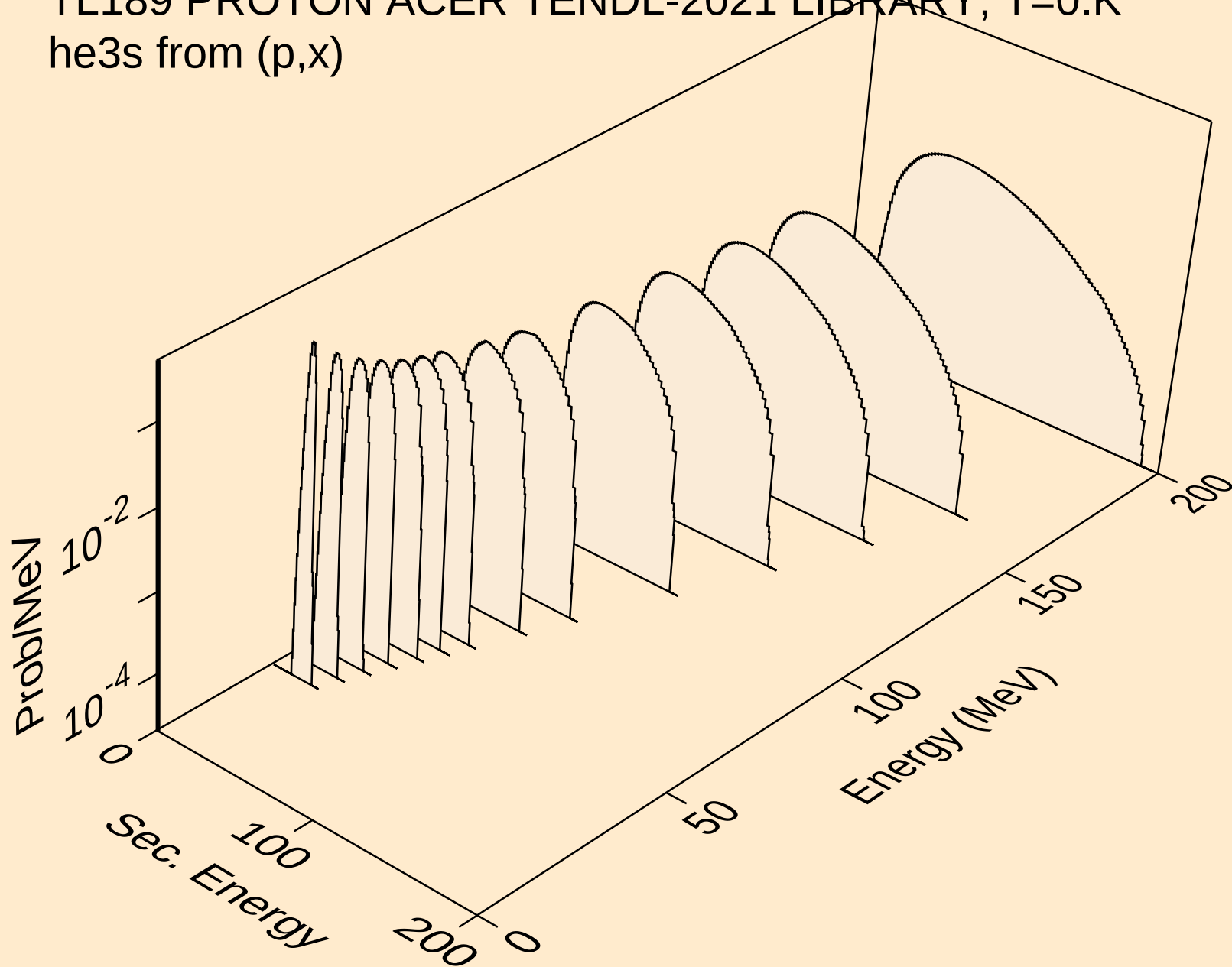
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (p,t)



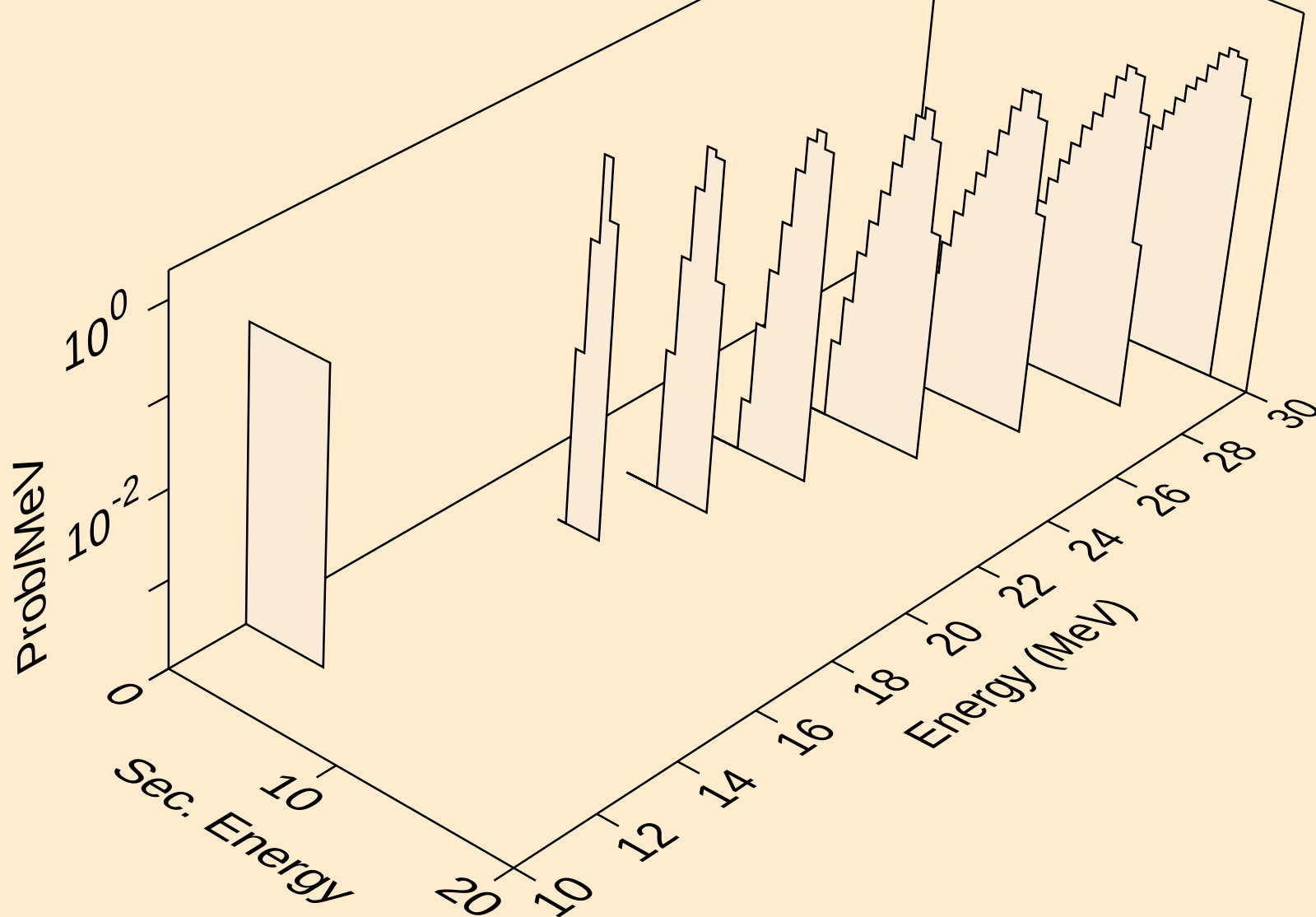
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (p,pt)



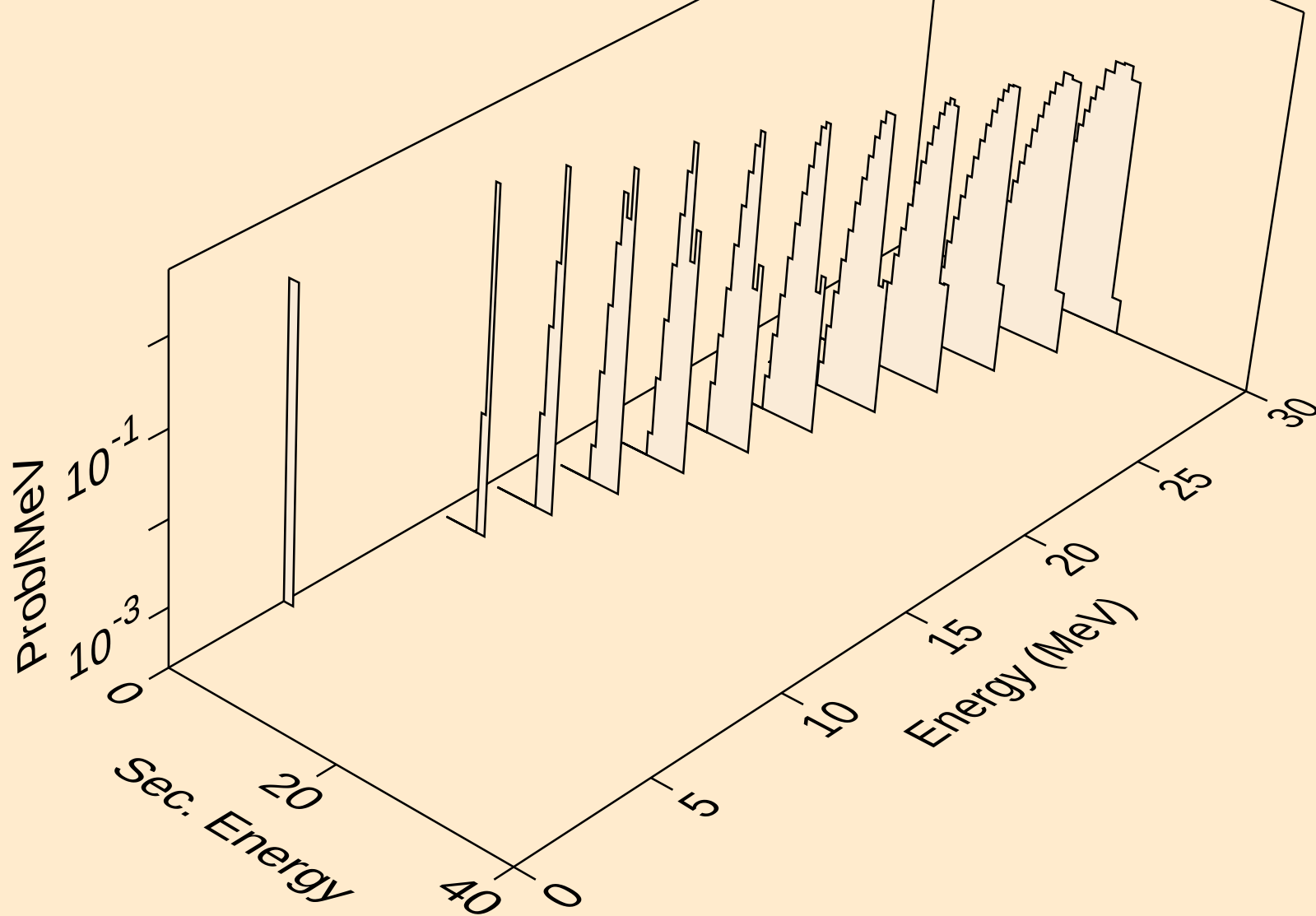
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
he3s from (p,x)



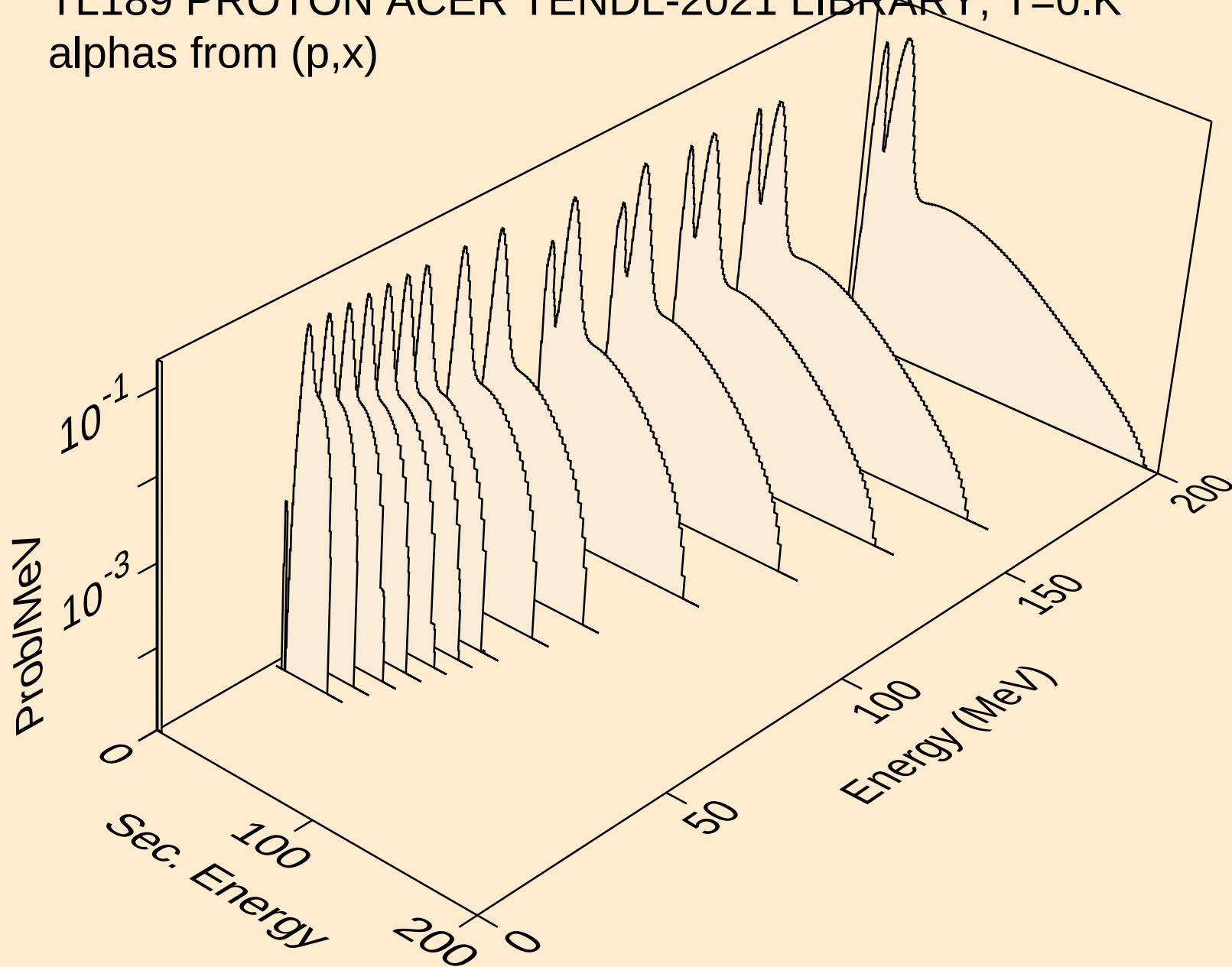
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
he3s from (p,n*)he3



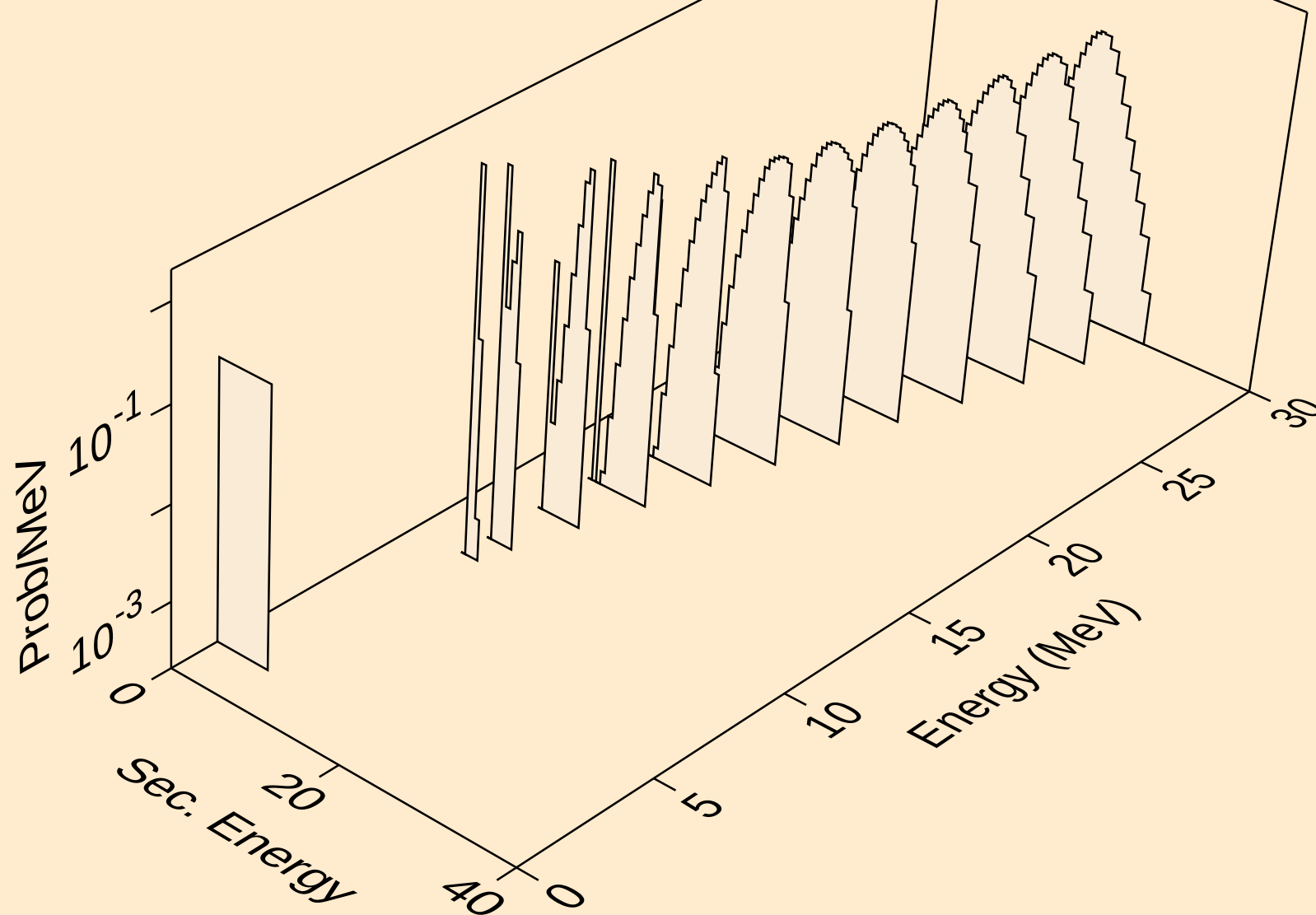
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
he3s from (p,he3)



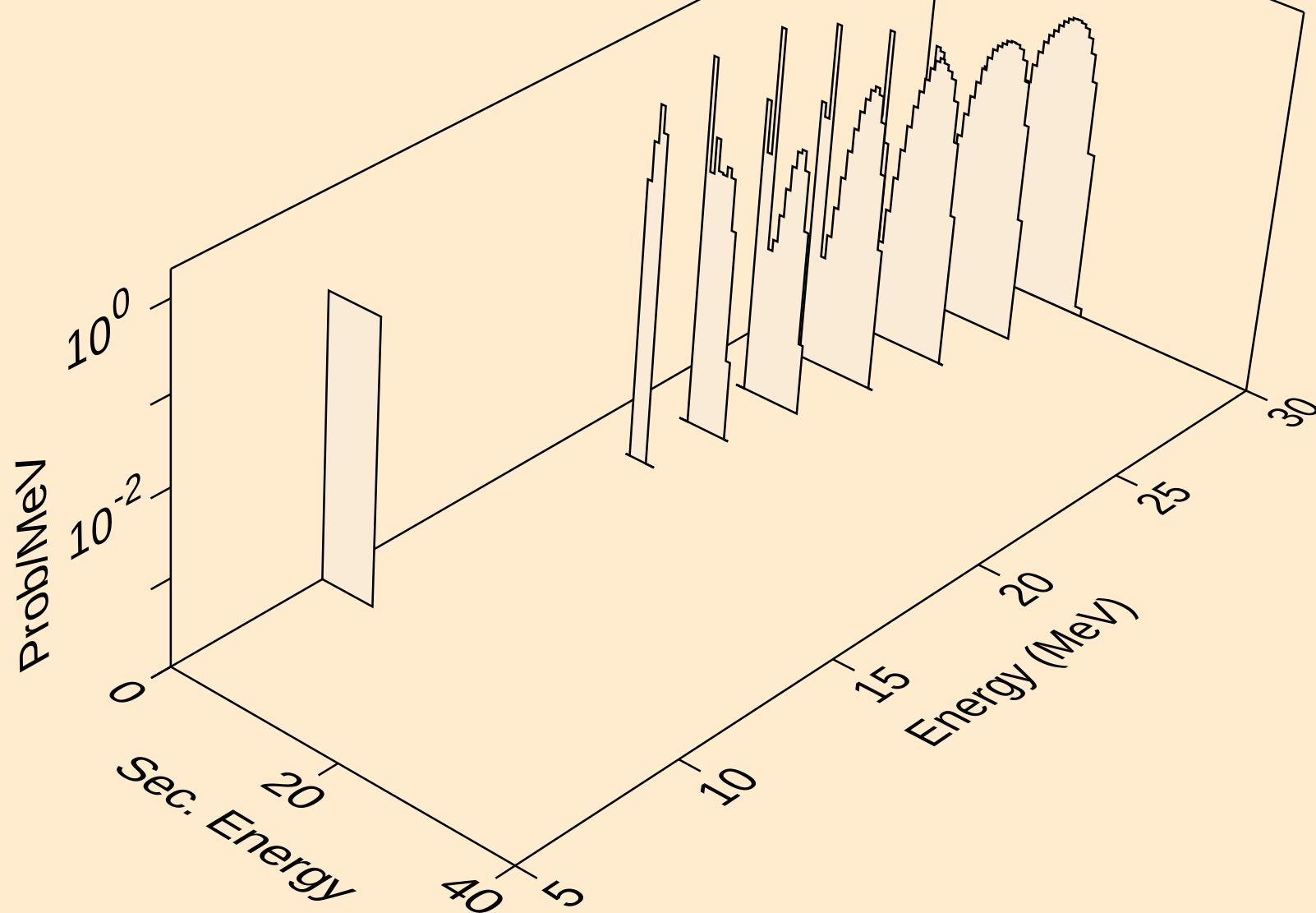
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,x)



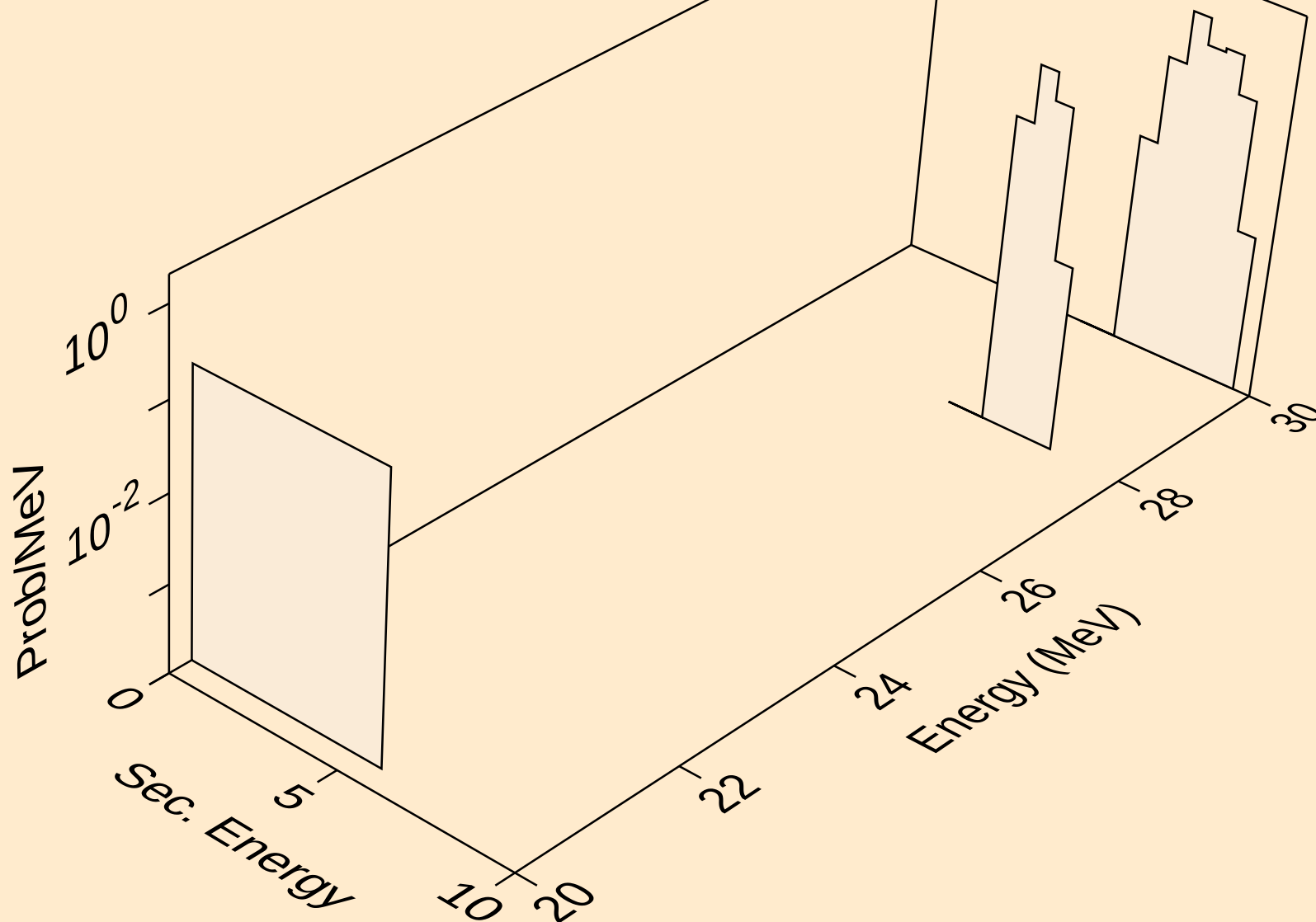
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,n*)a



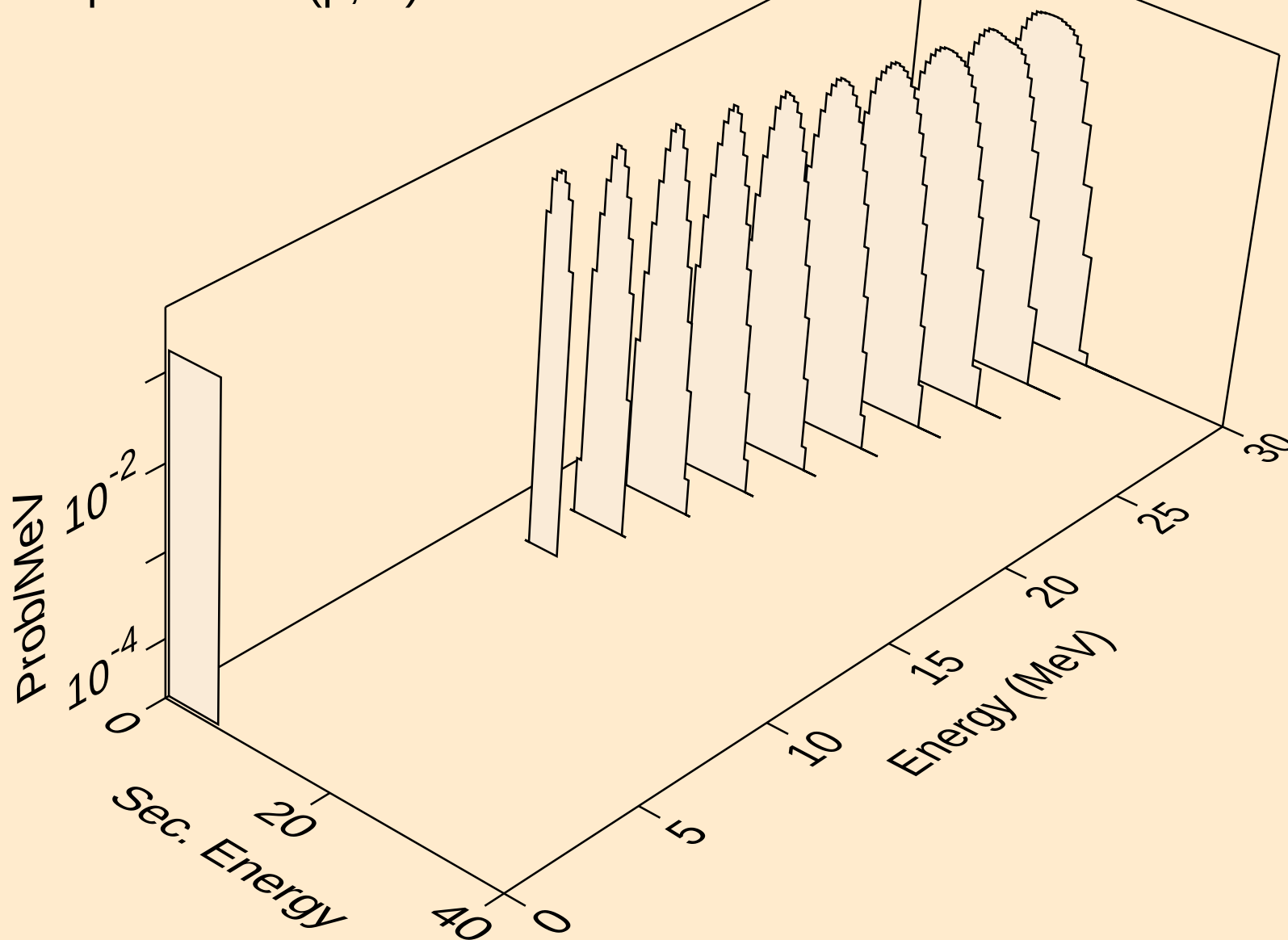
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,2n)a



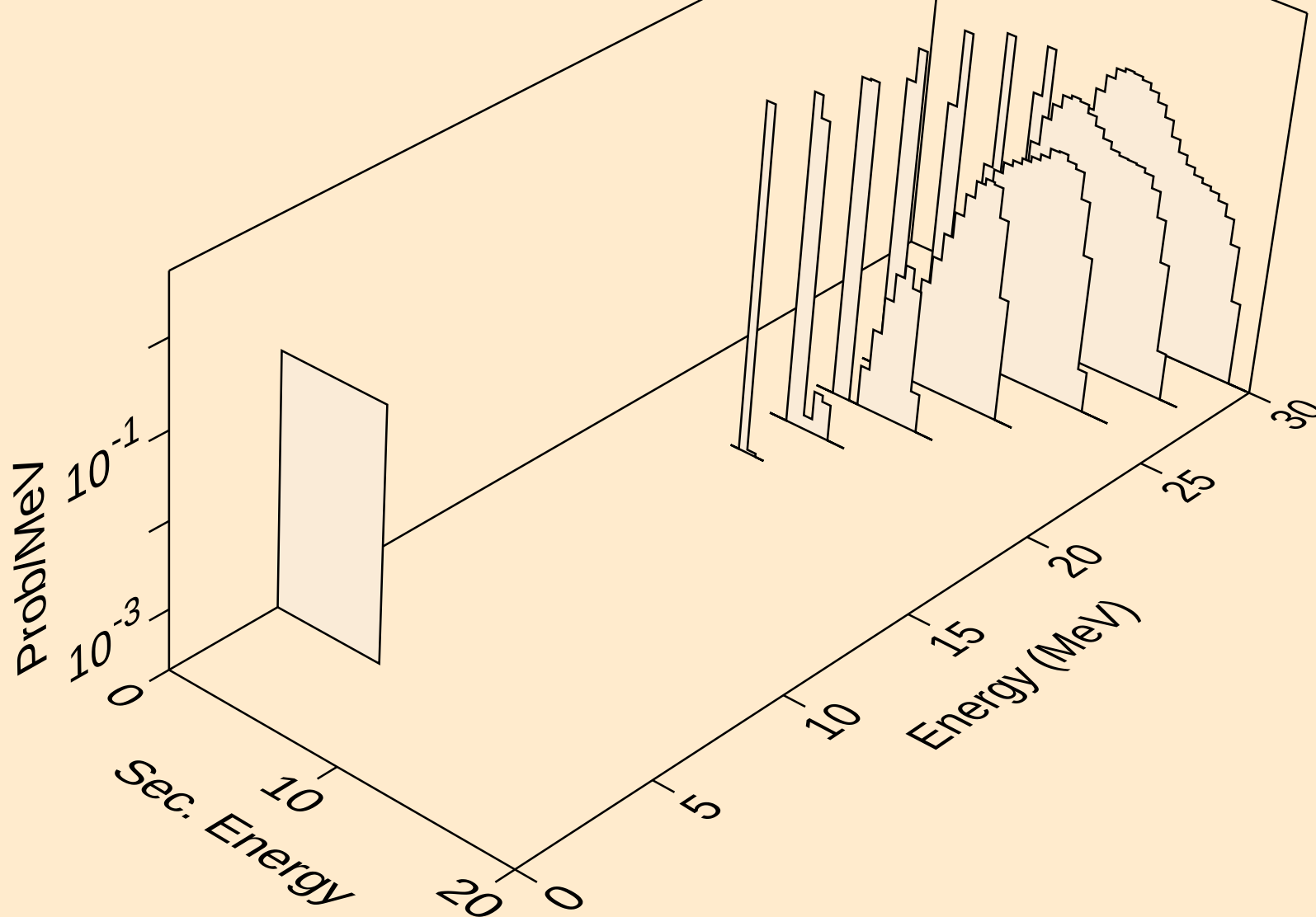
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,3n)a



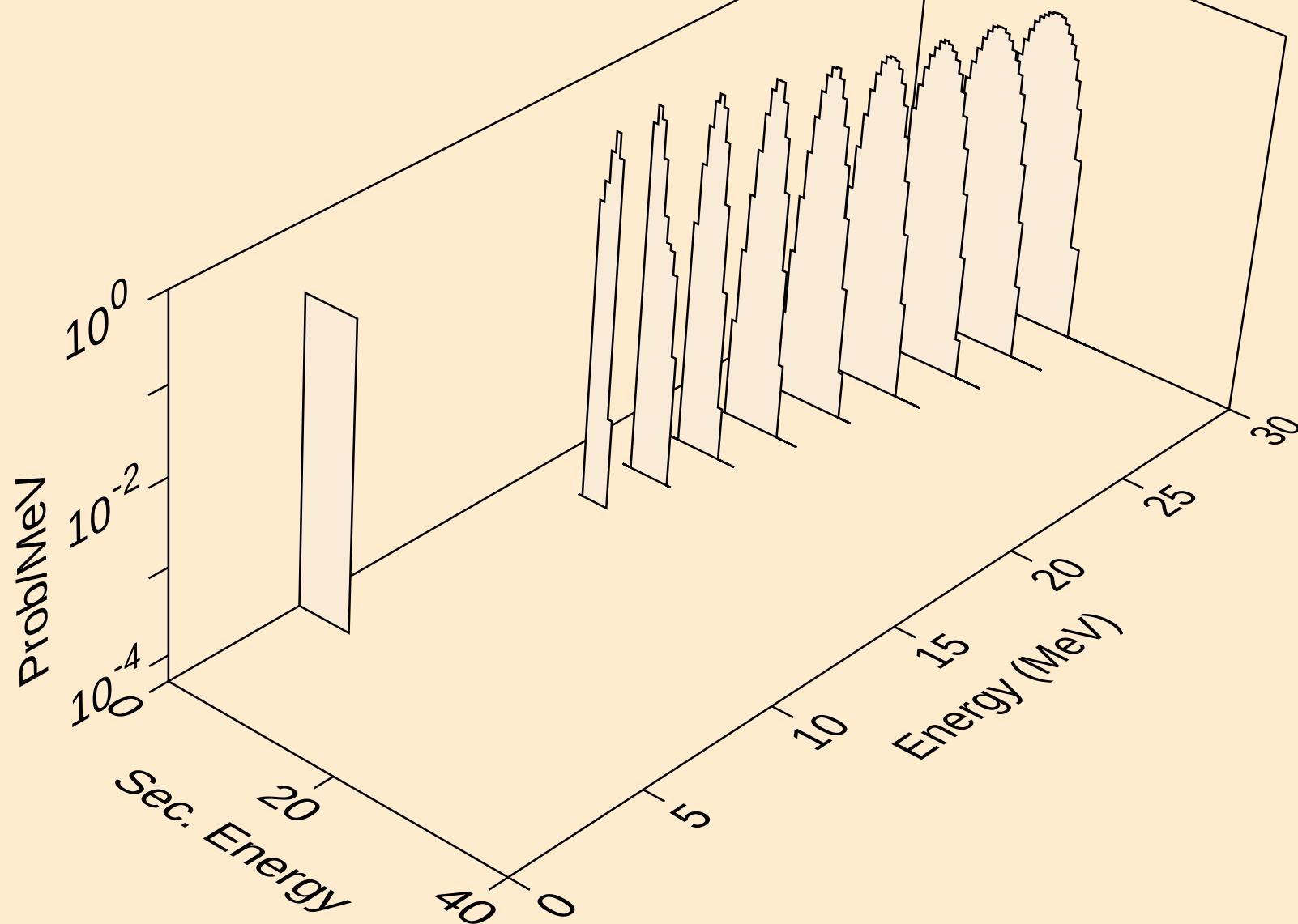
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,n*)2a



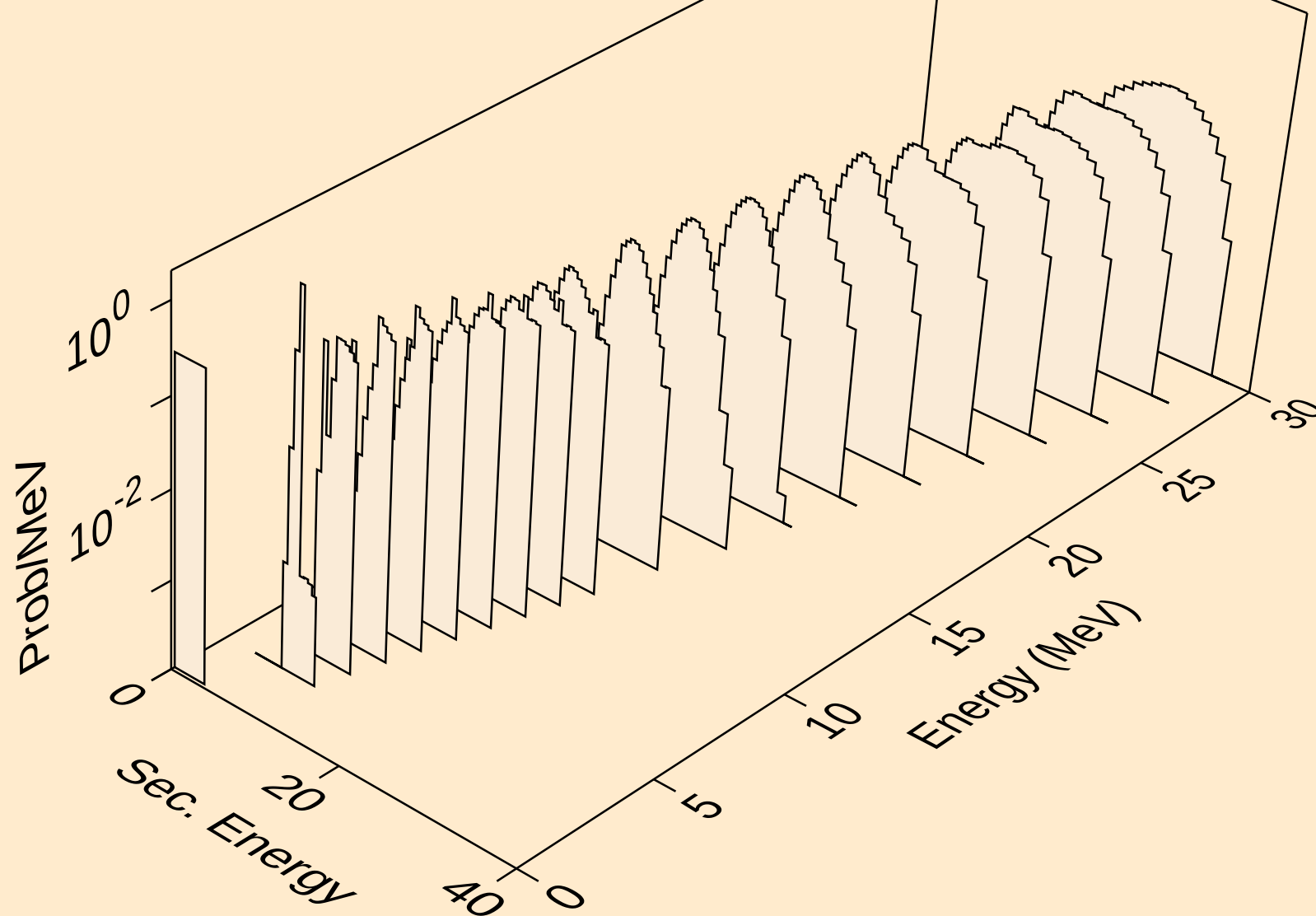
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,2n)2a



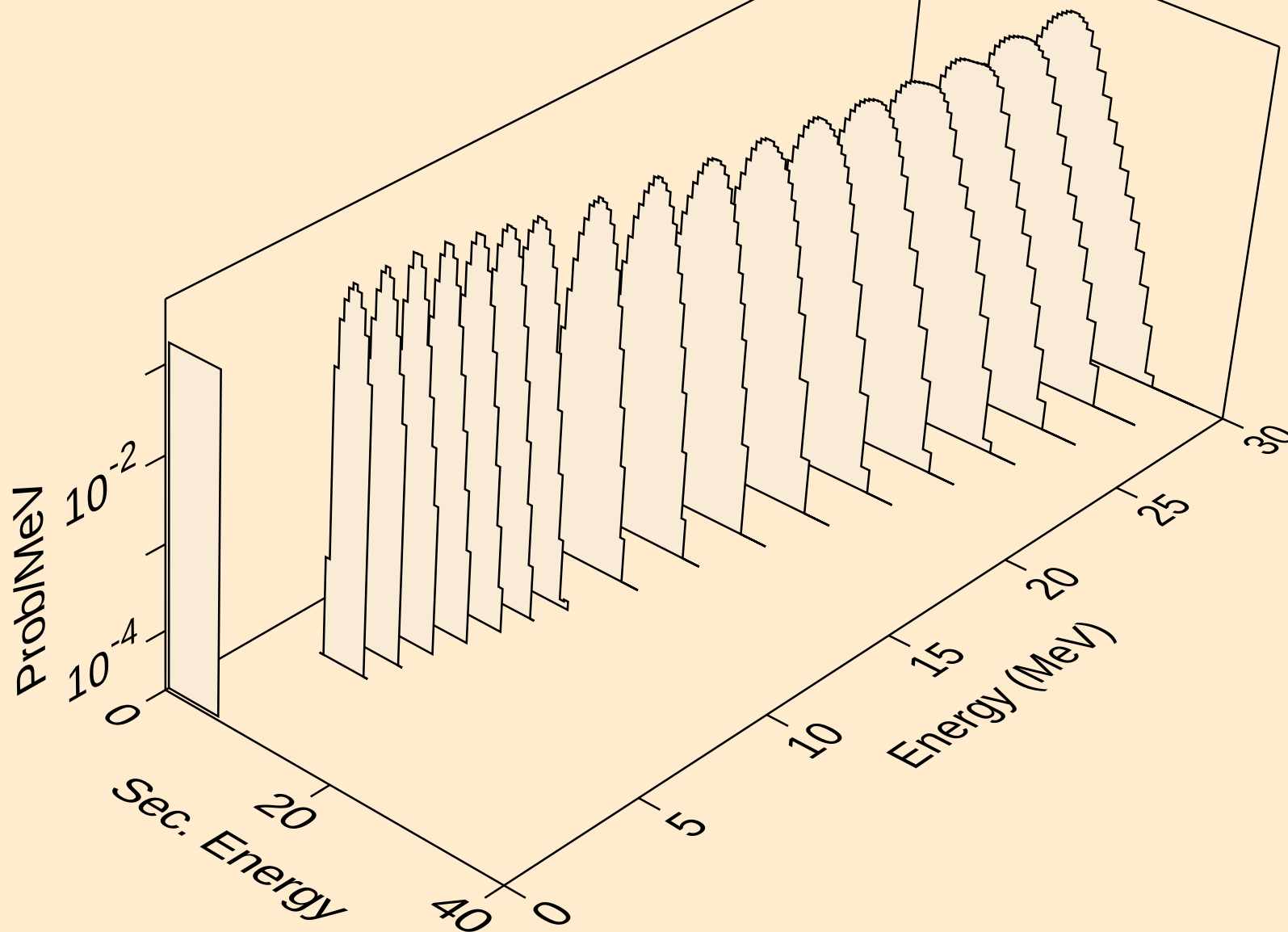
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,npa)



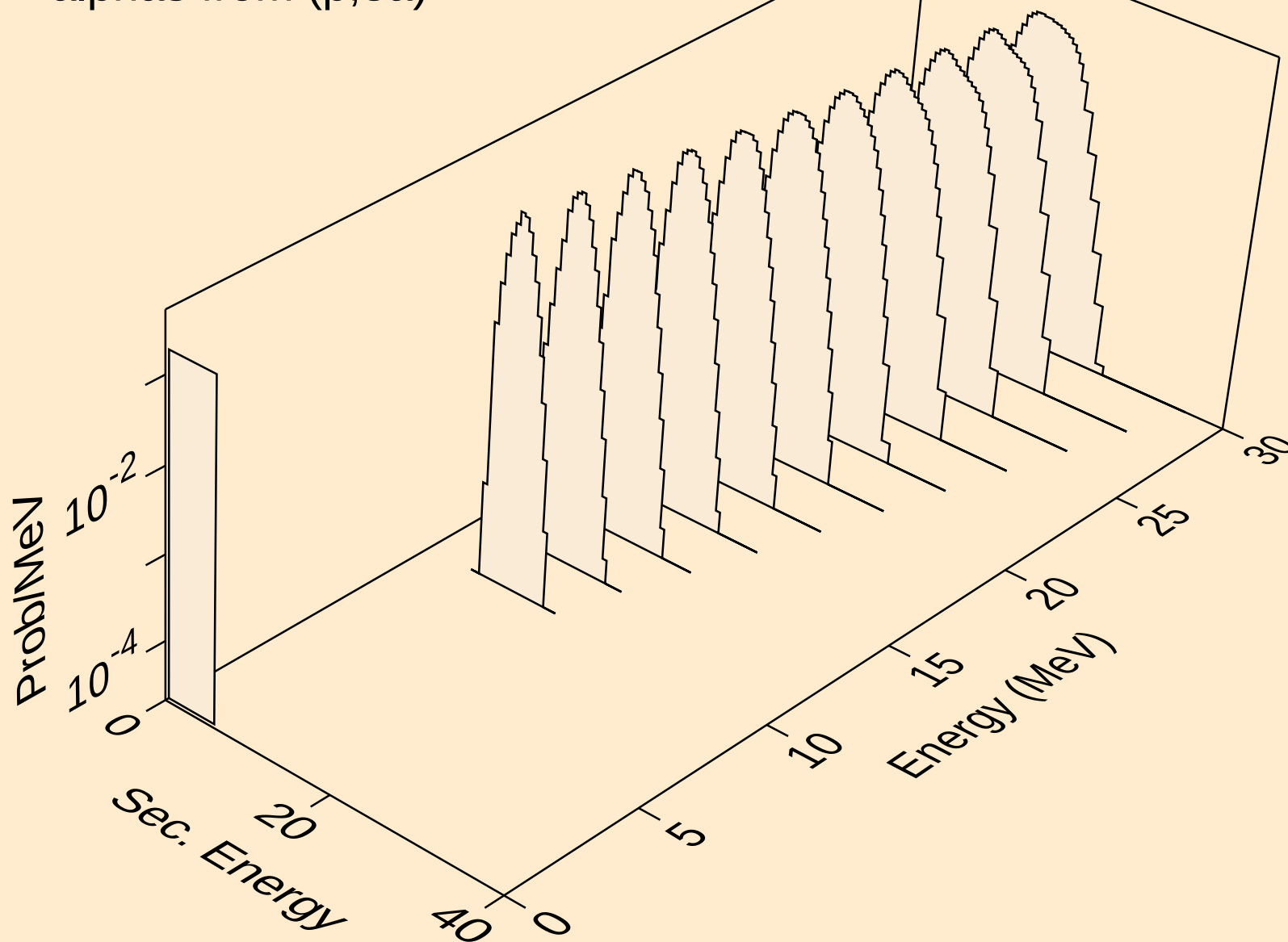
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,a)



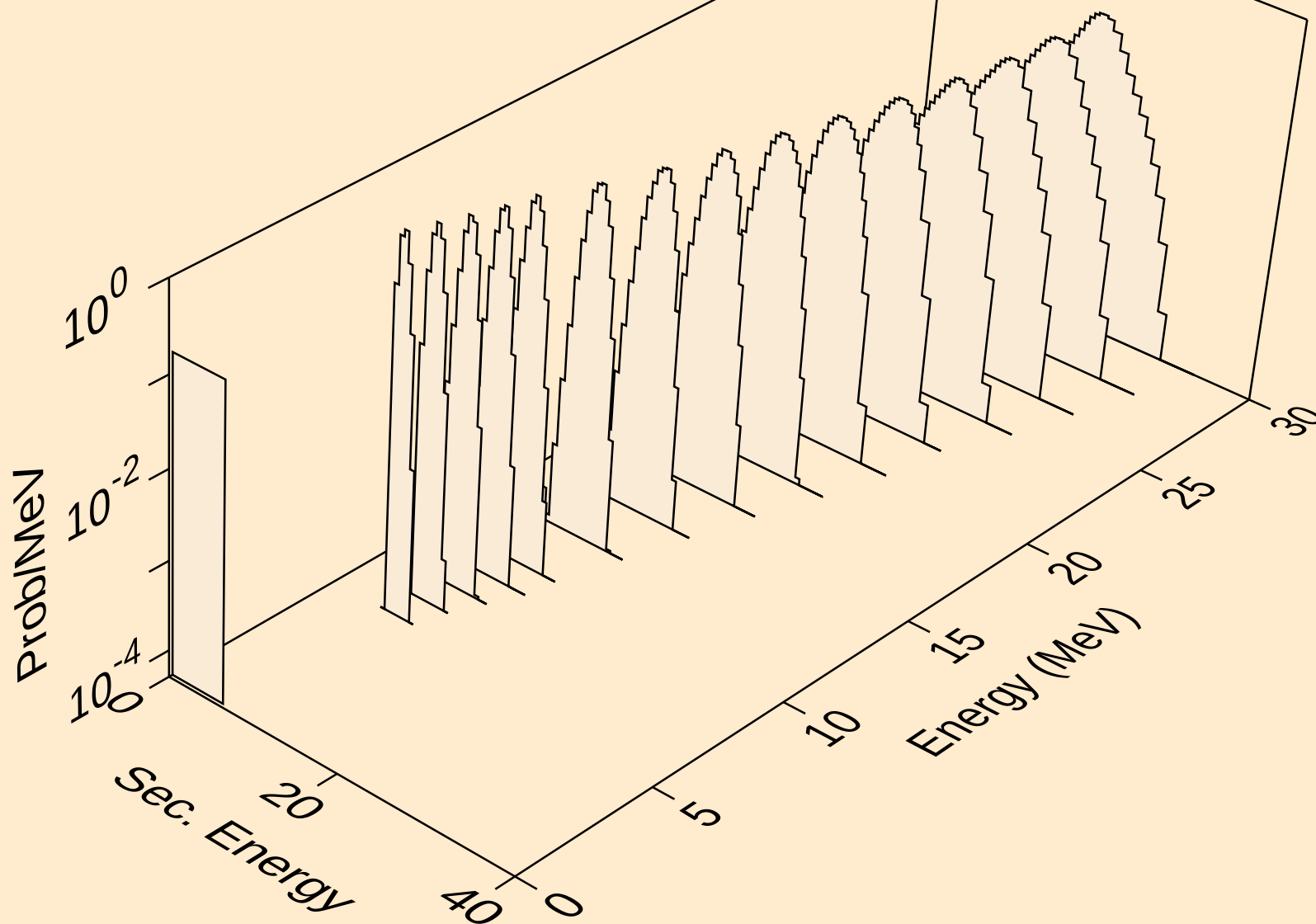
TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,2a)



TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,3a)



TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,pa)



TL189 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,da)

