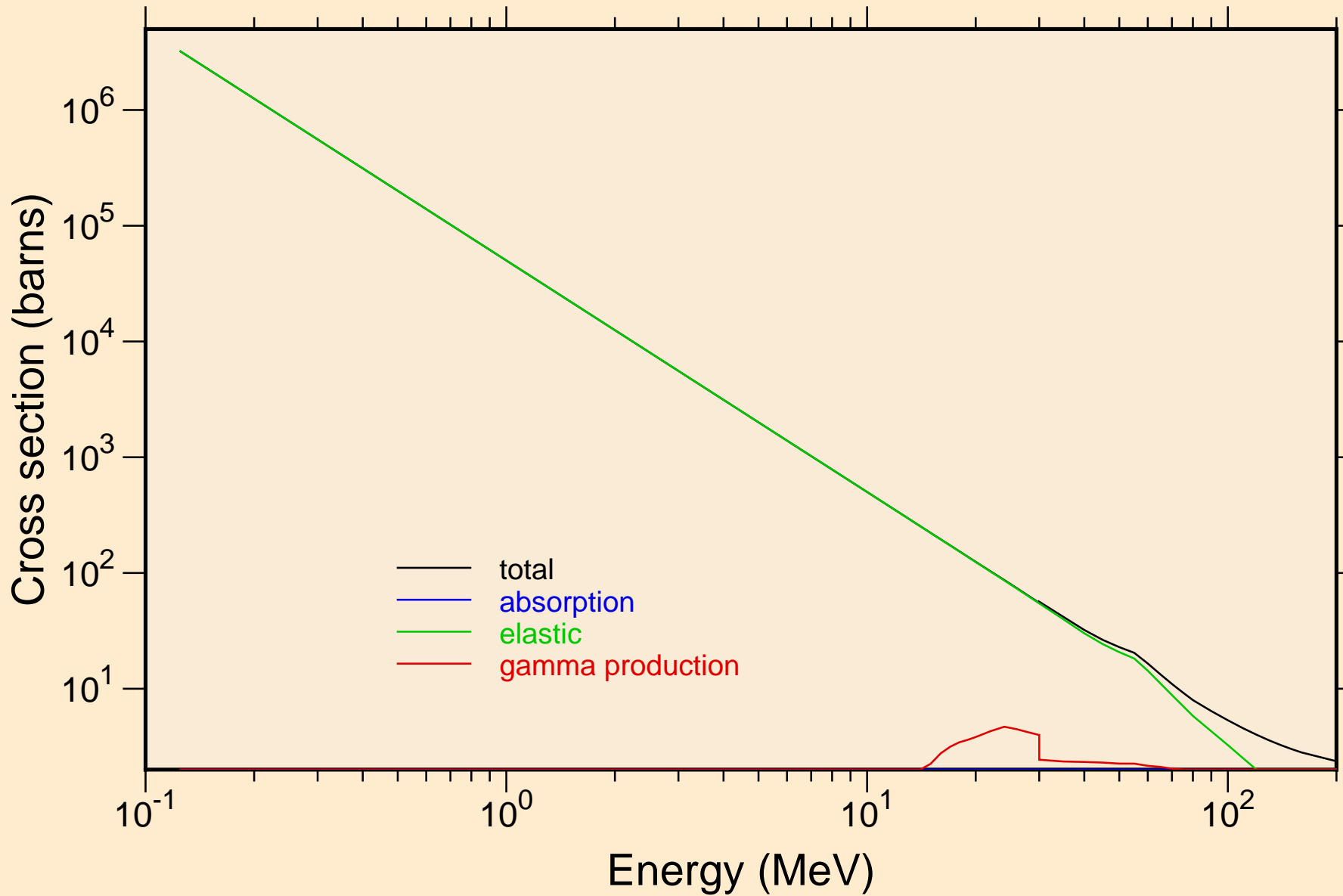
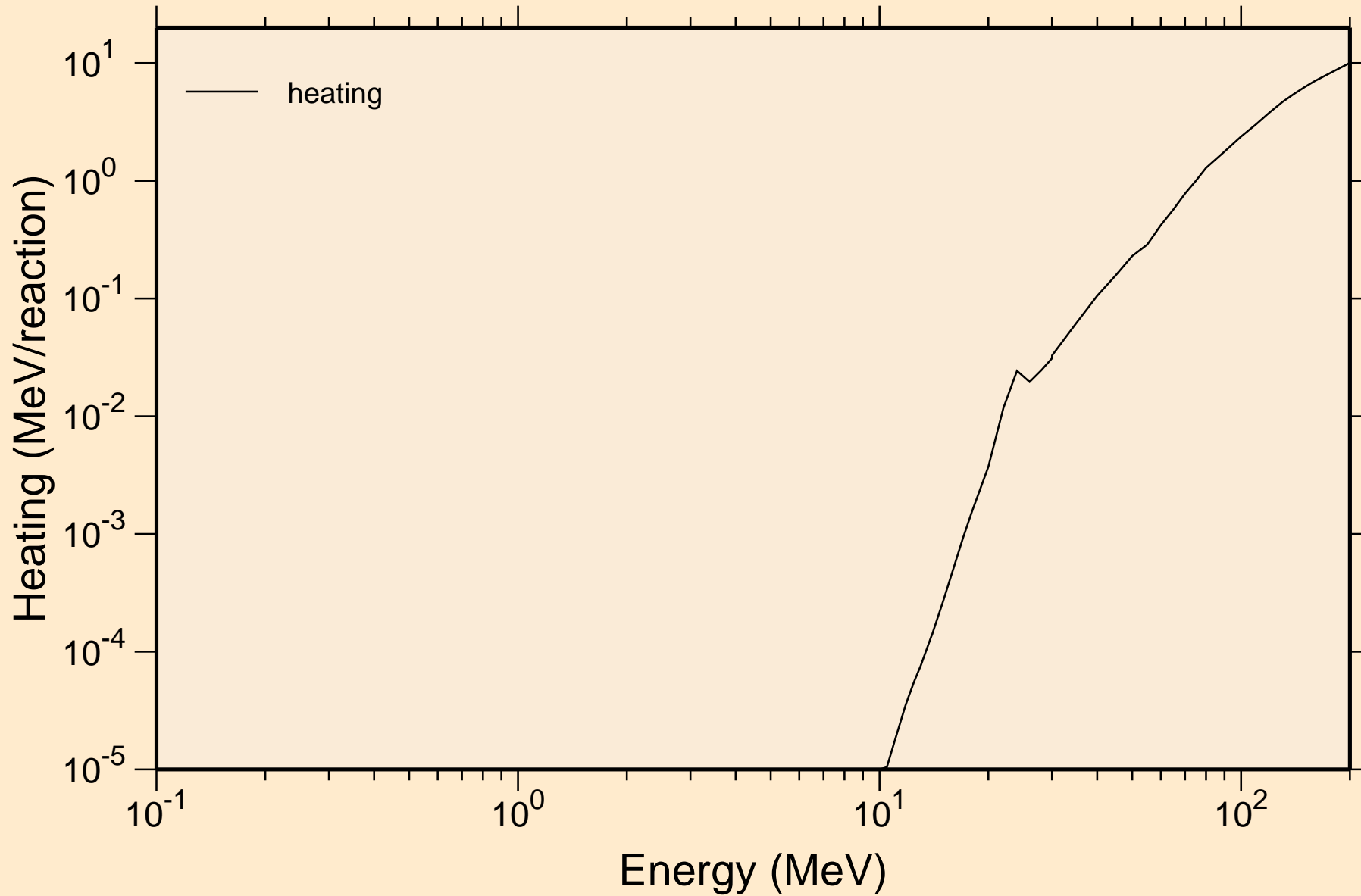


TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



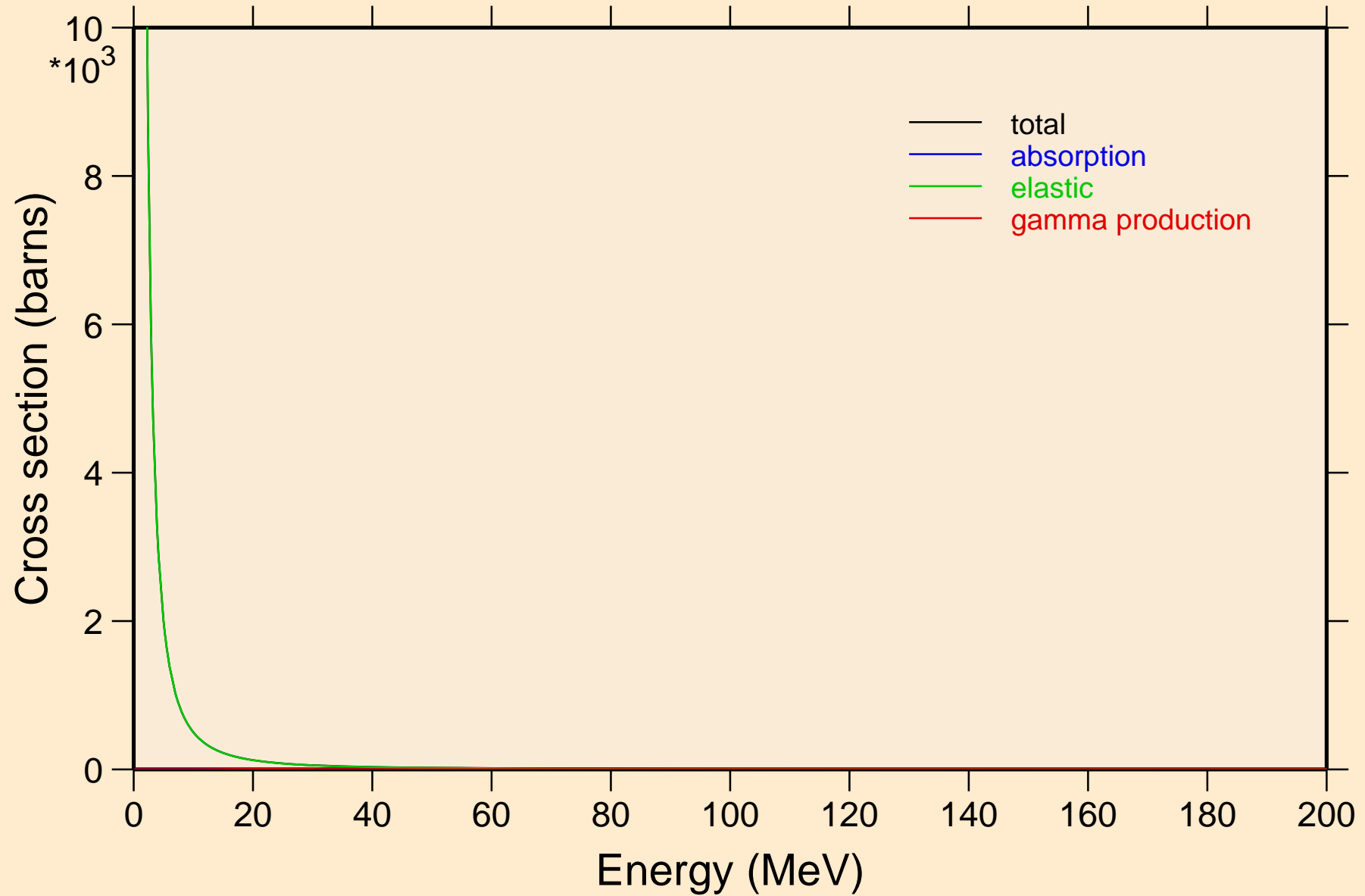
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



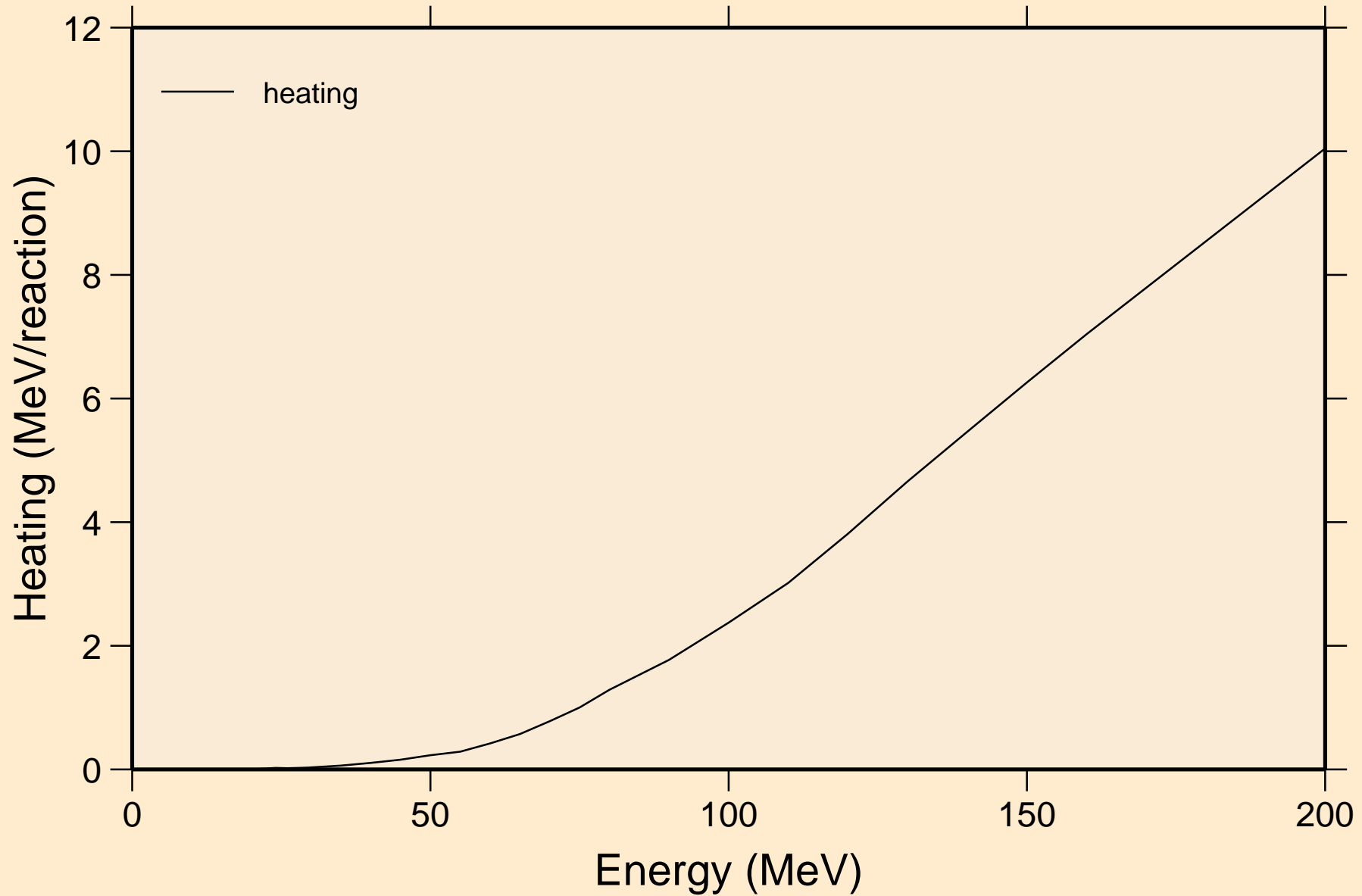
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



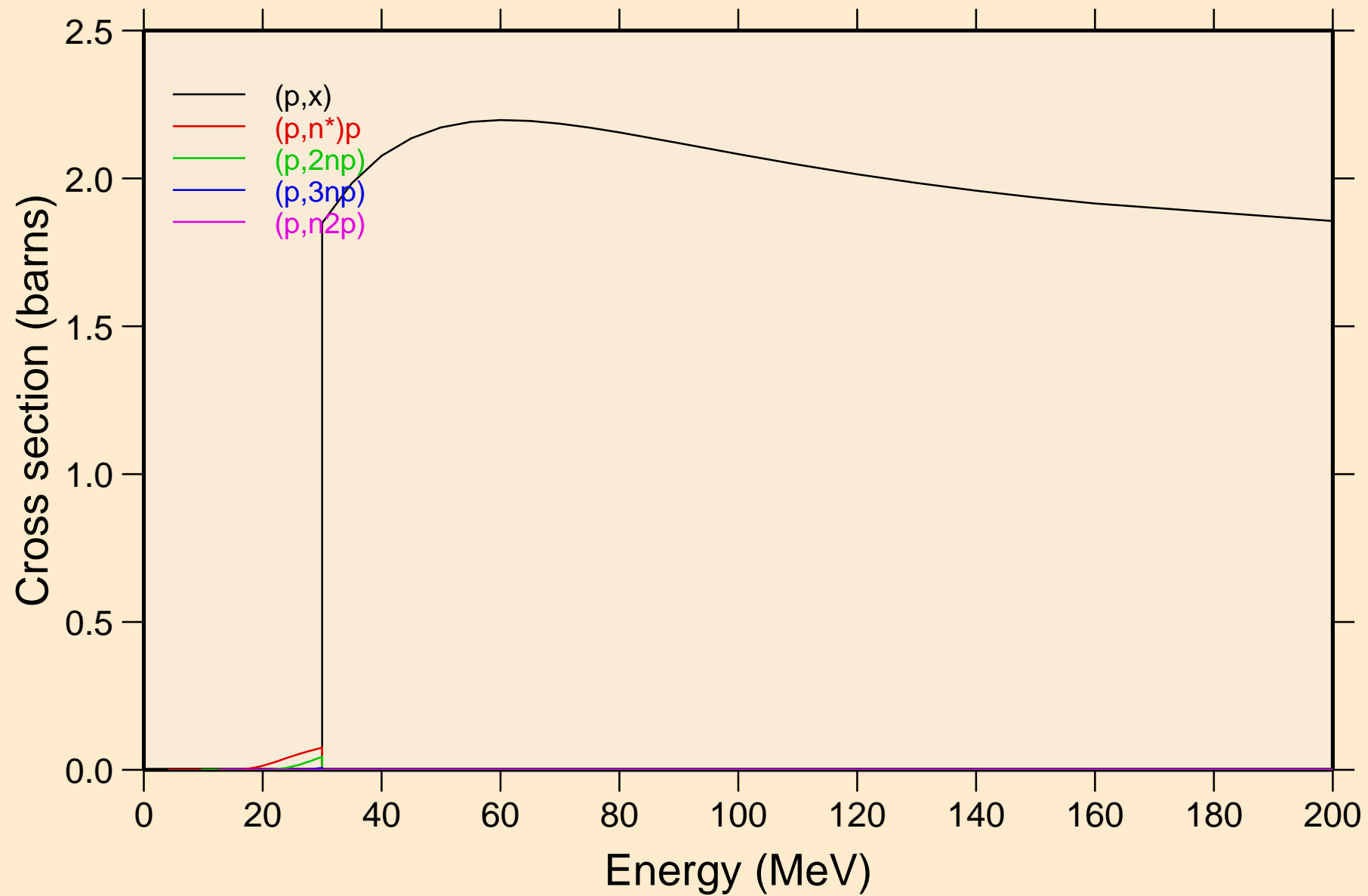
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

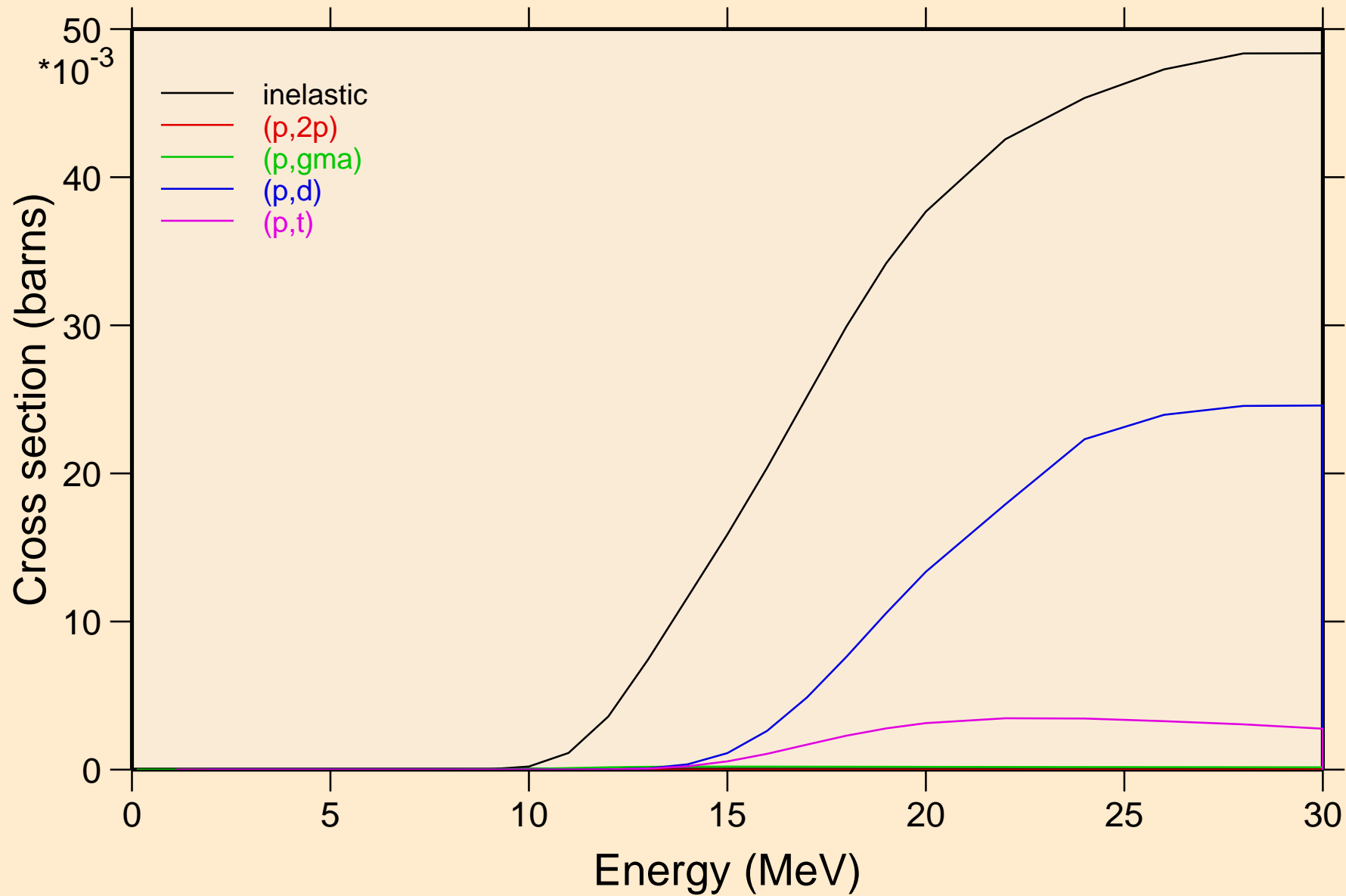


TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K

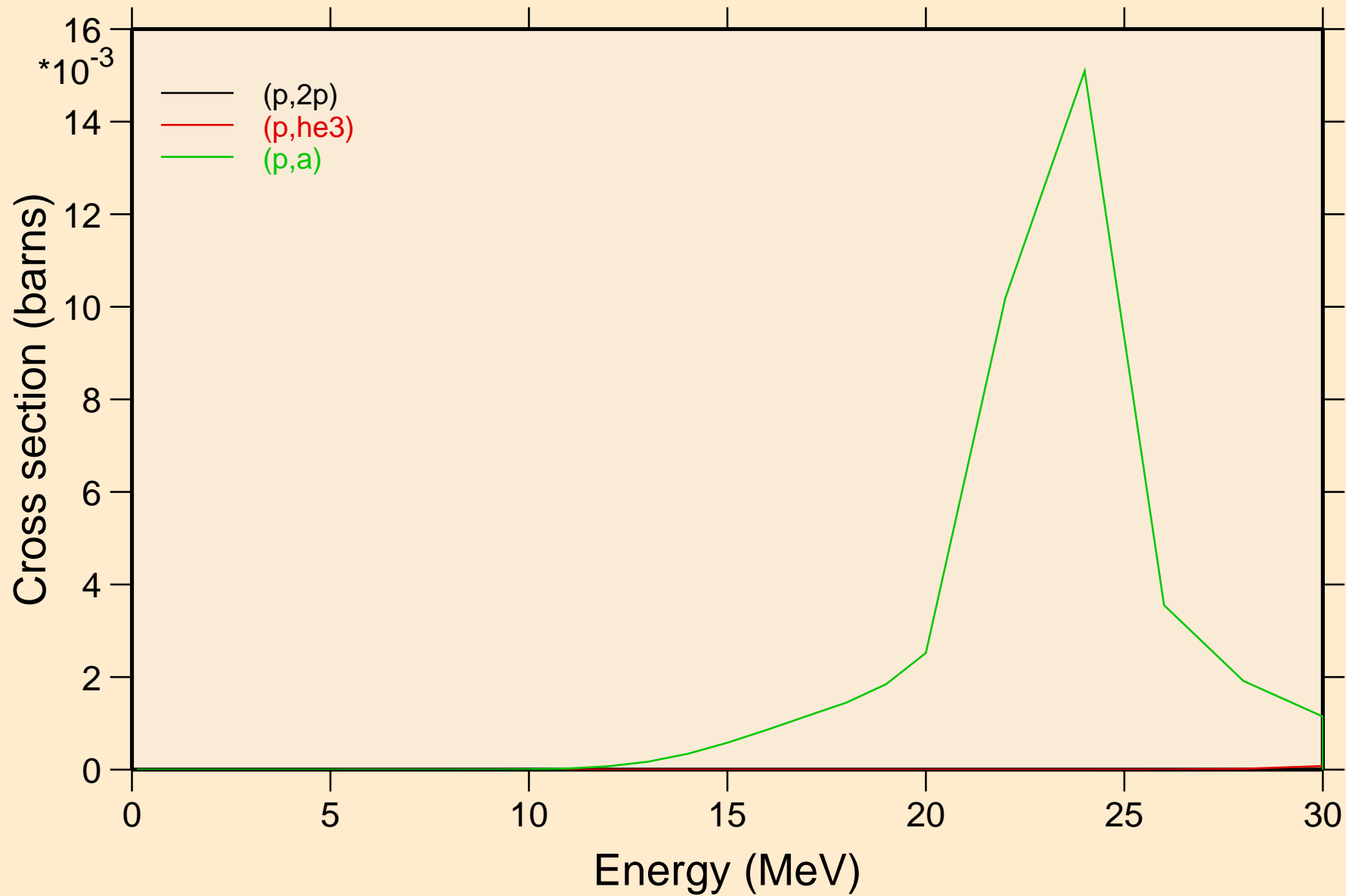
Threshold reactions



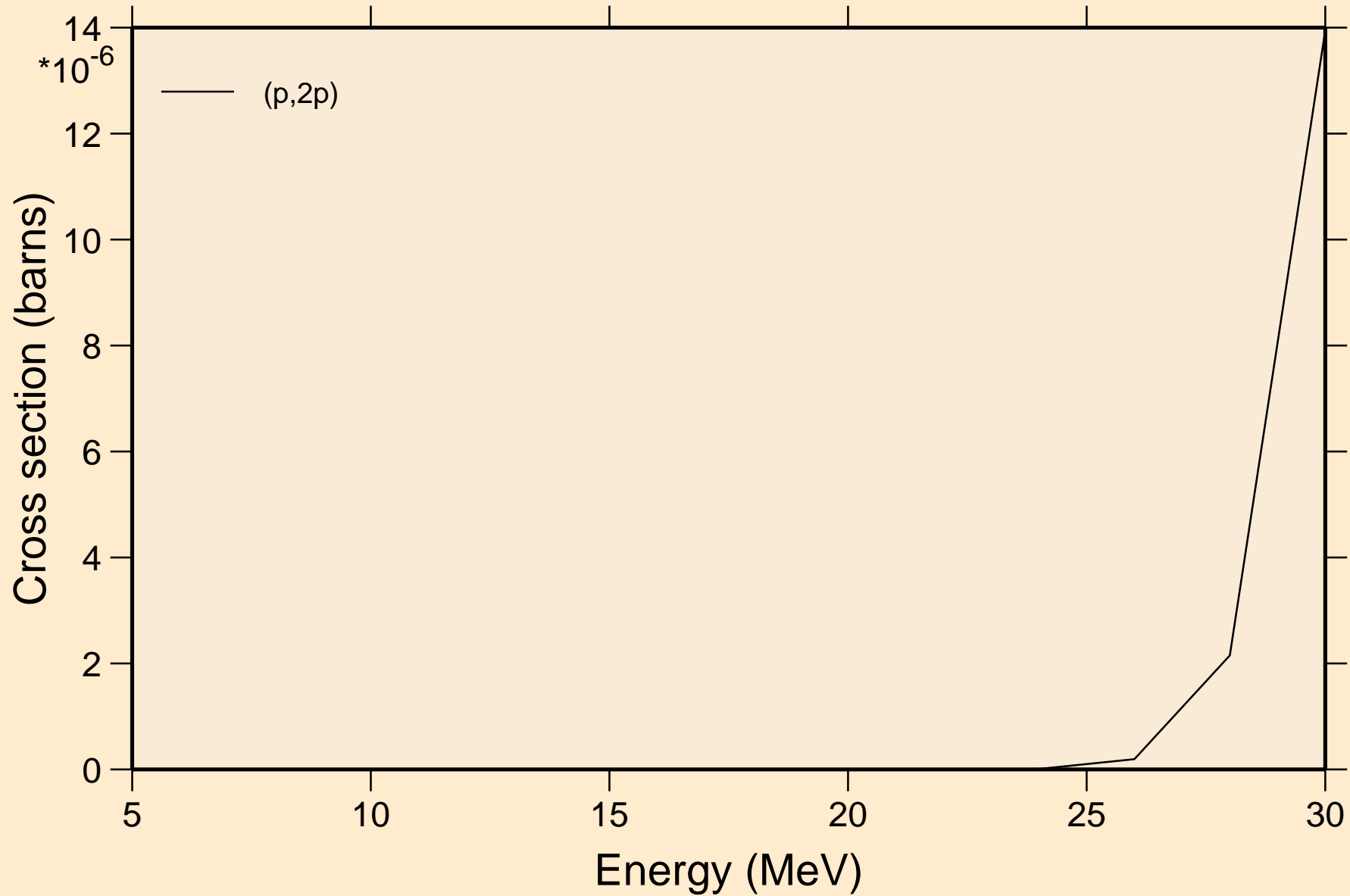
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



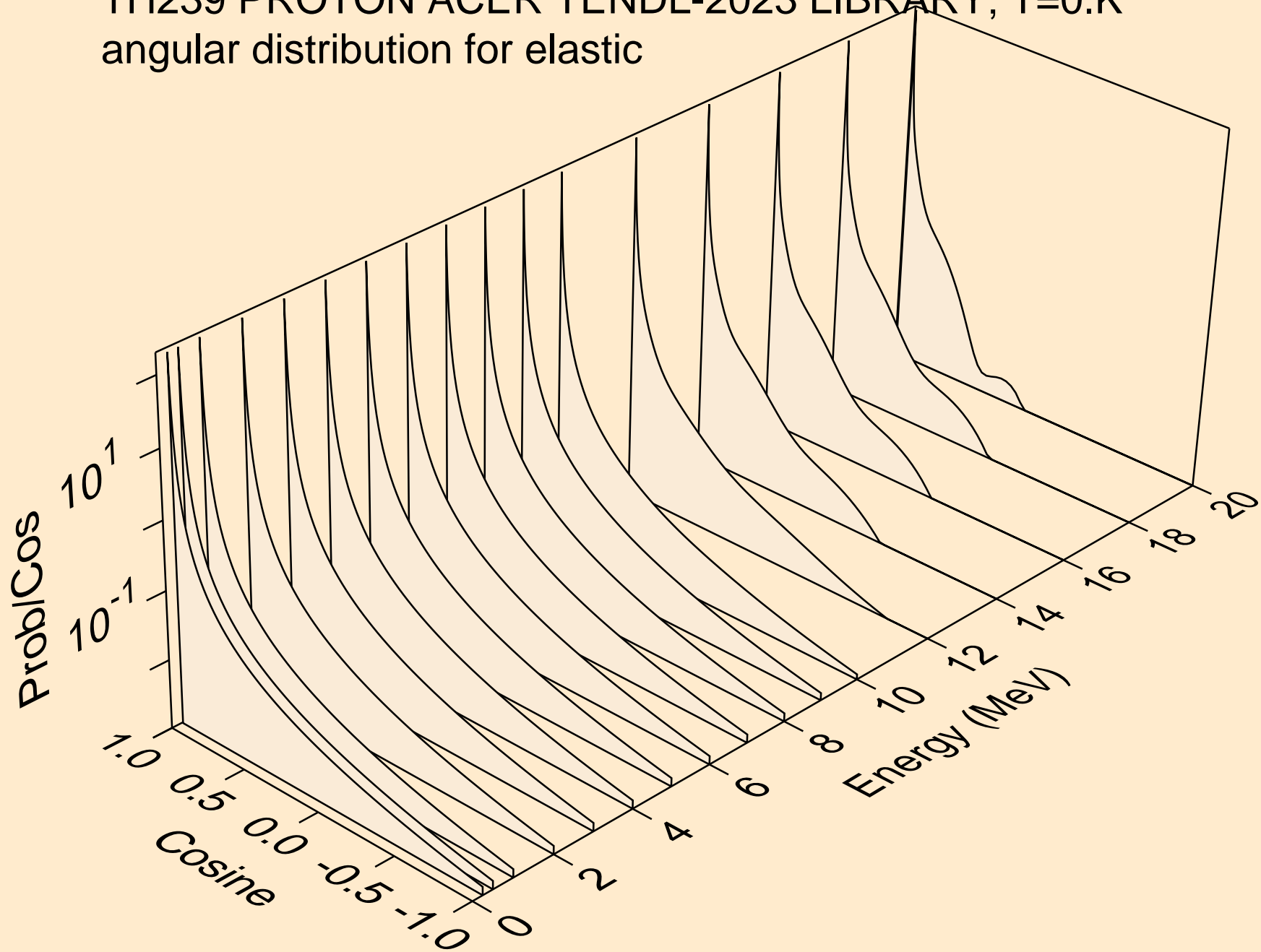
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



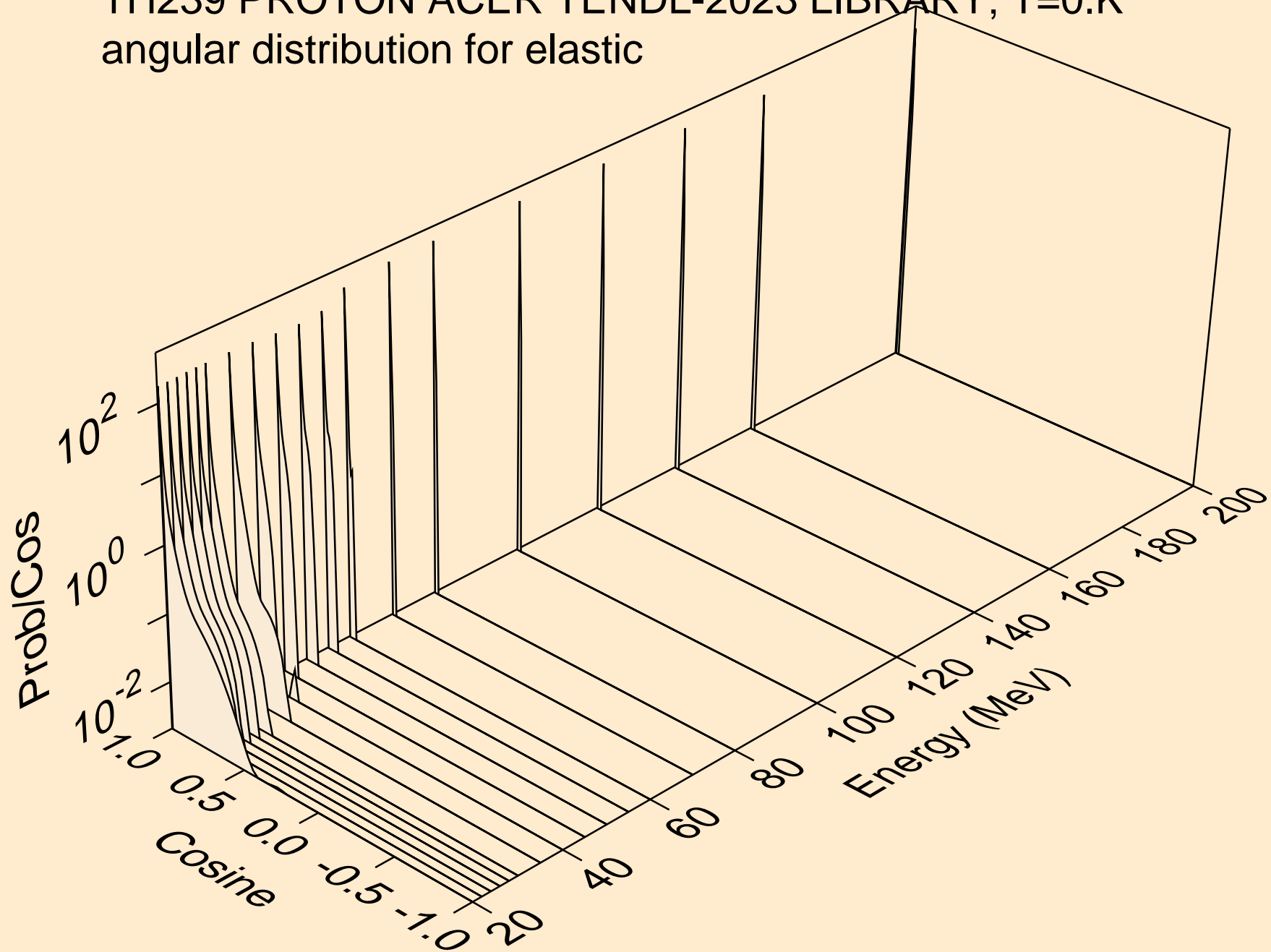
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



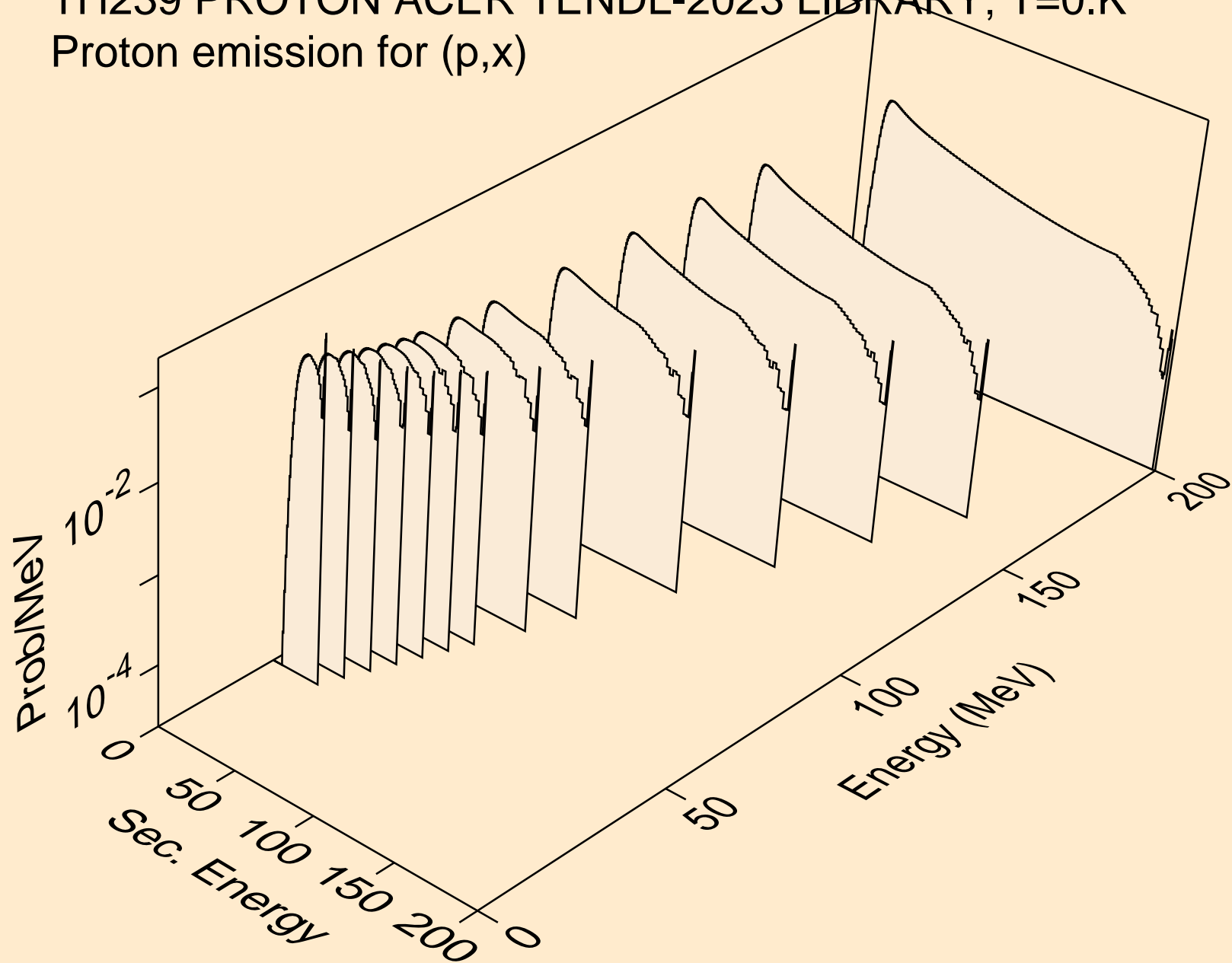
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



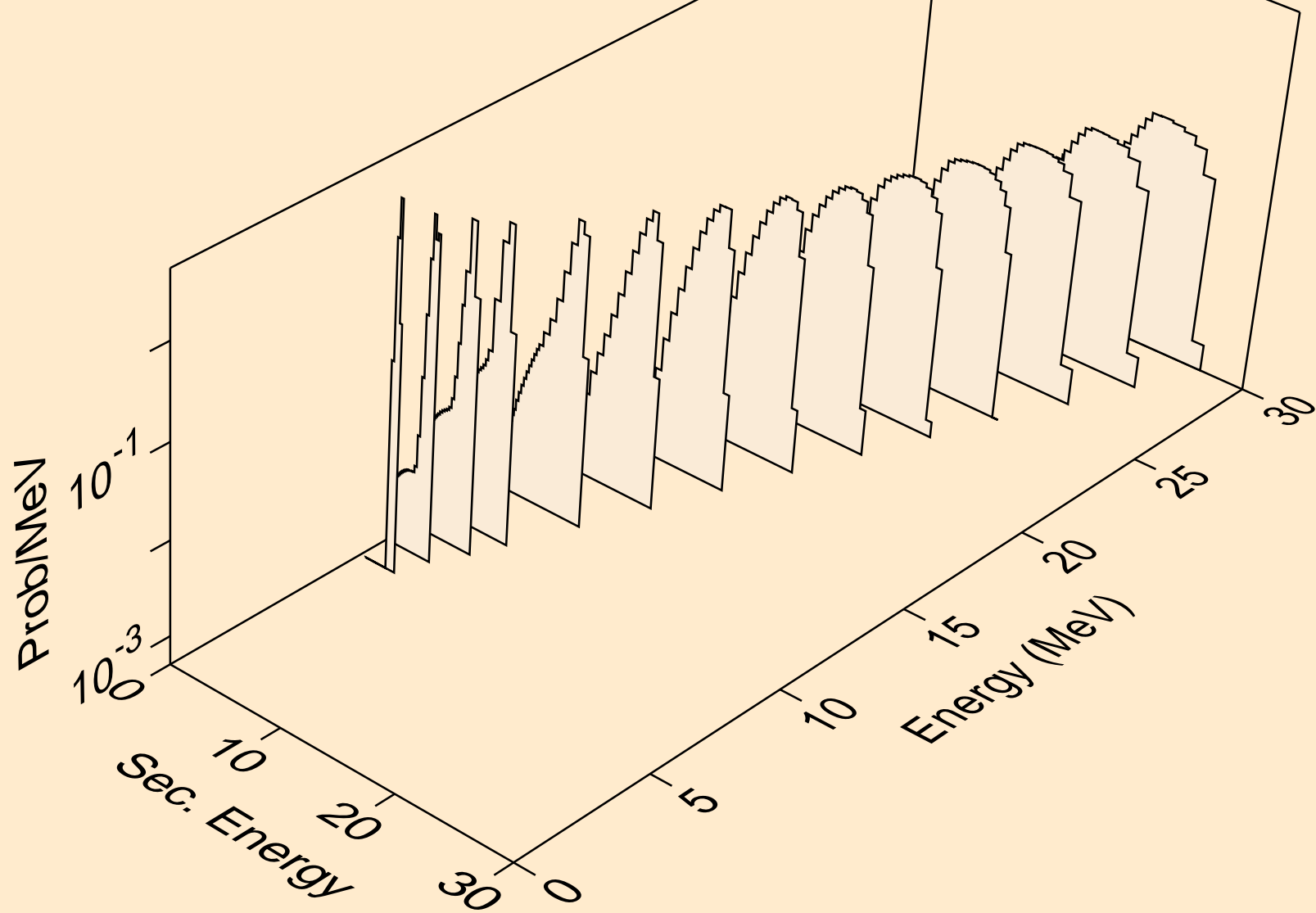
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



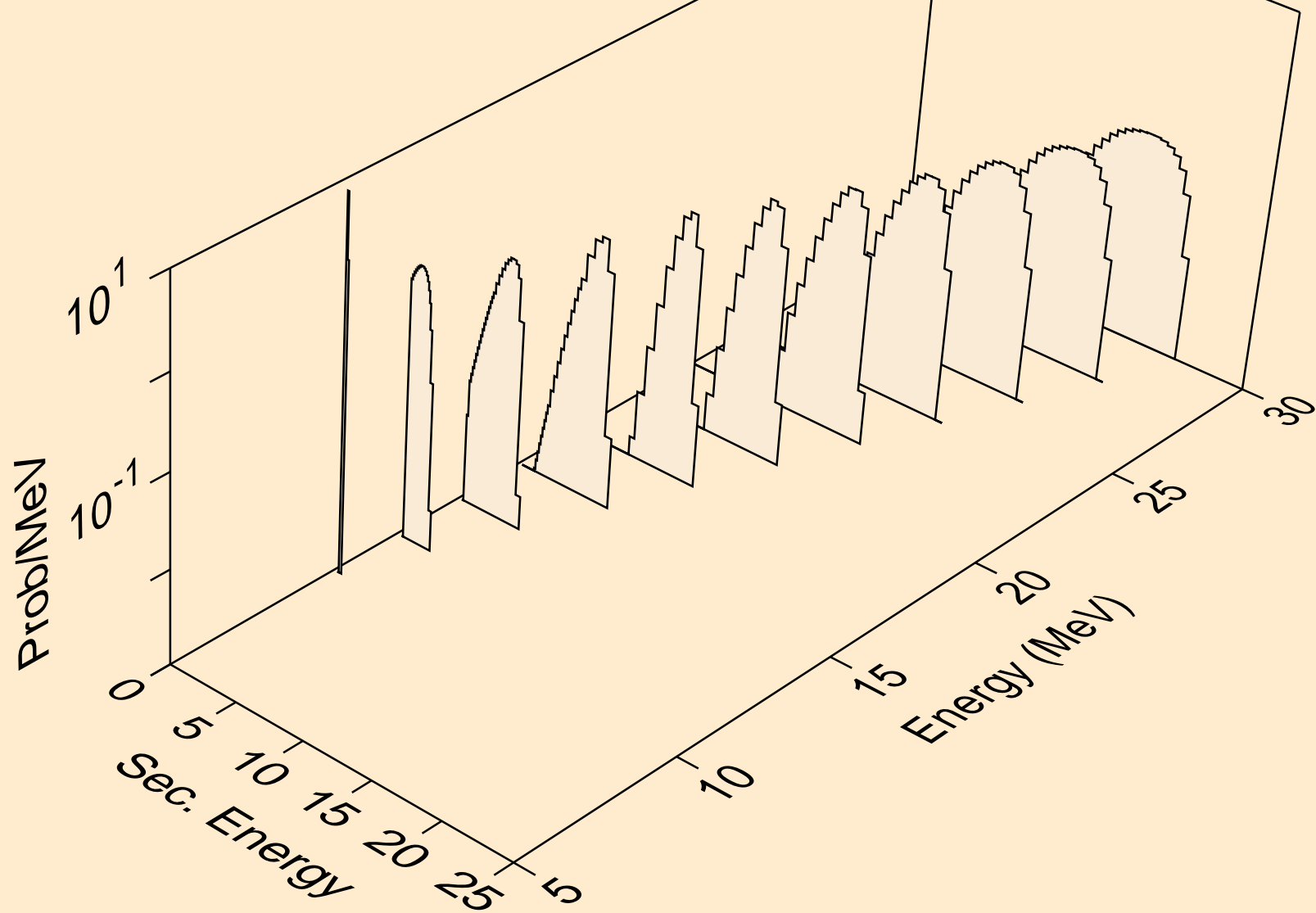
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)



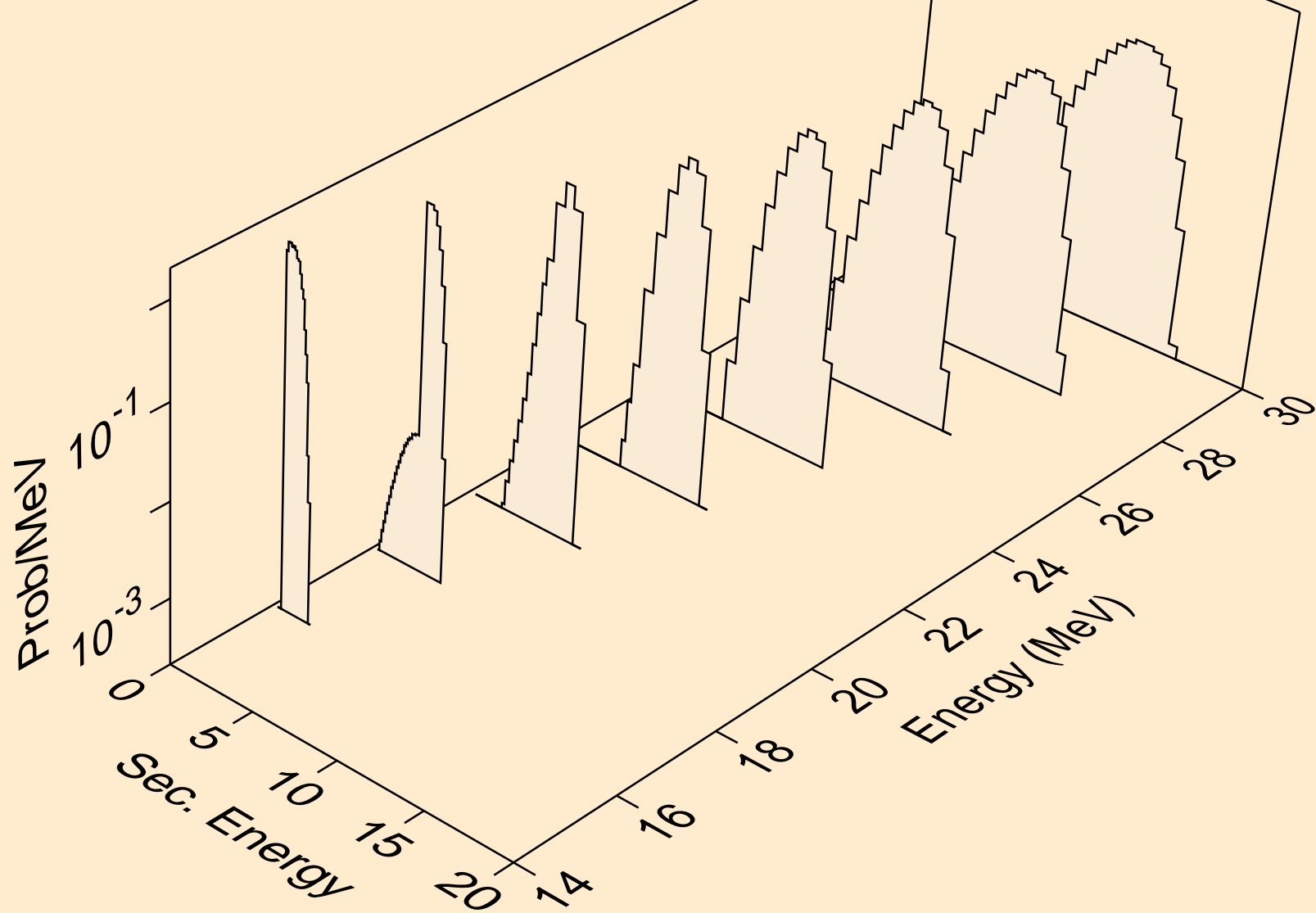
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n*)p



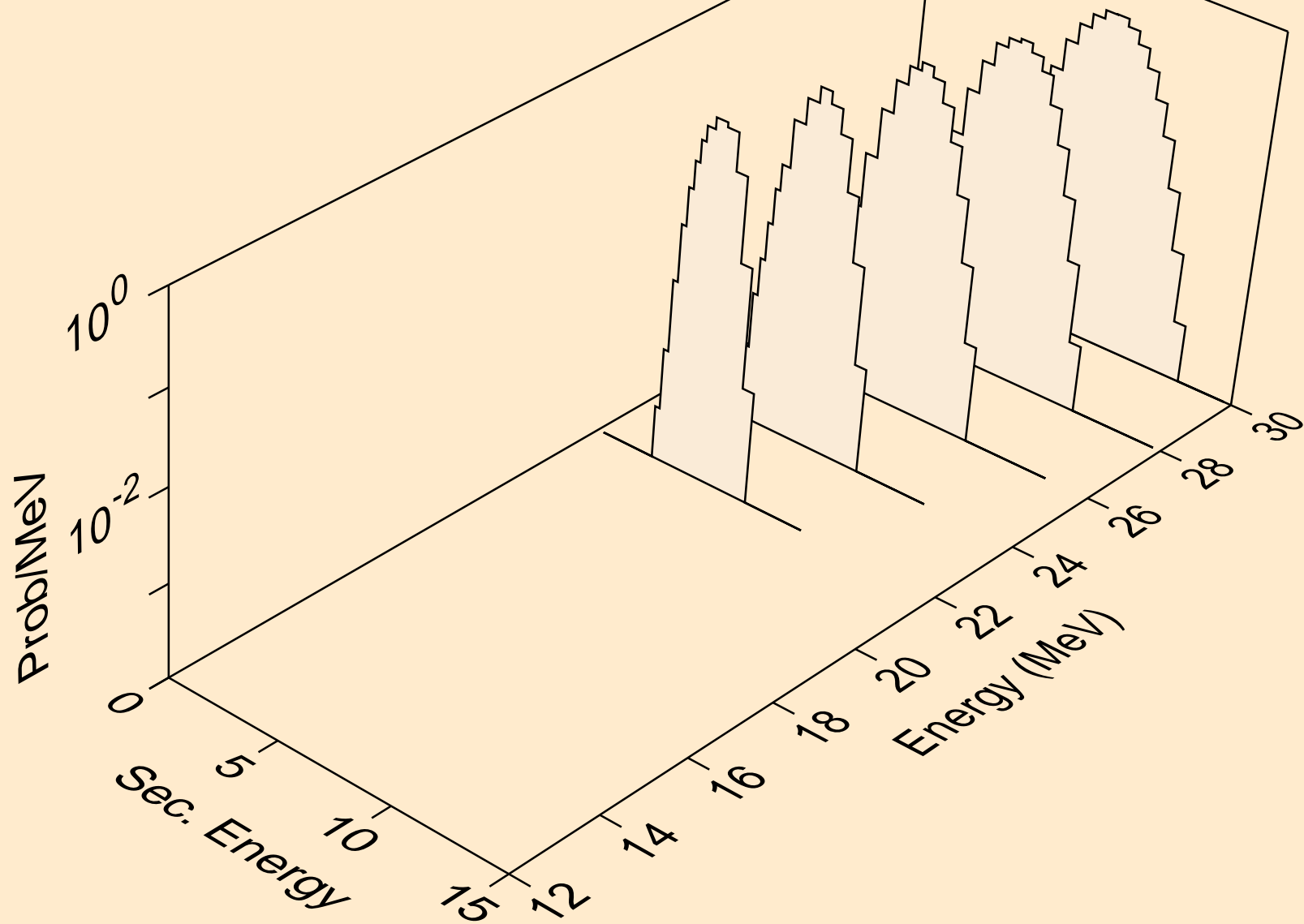
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



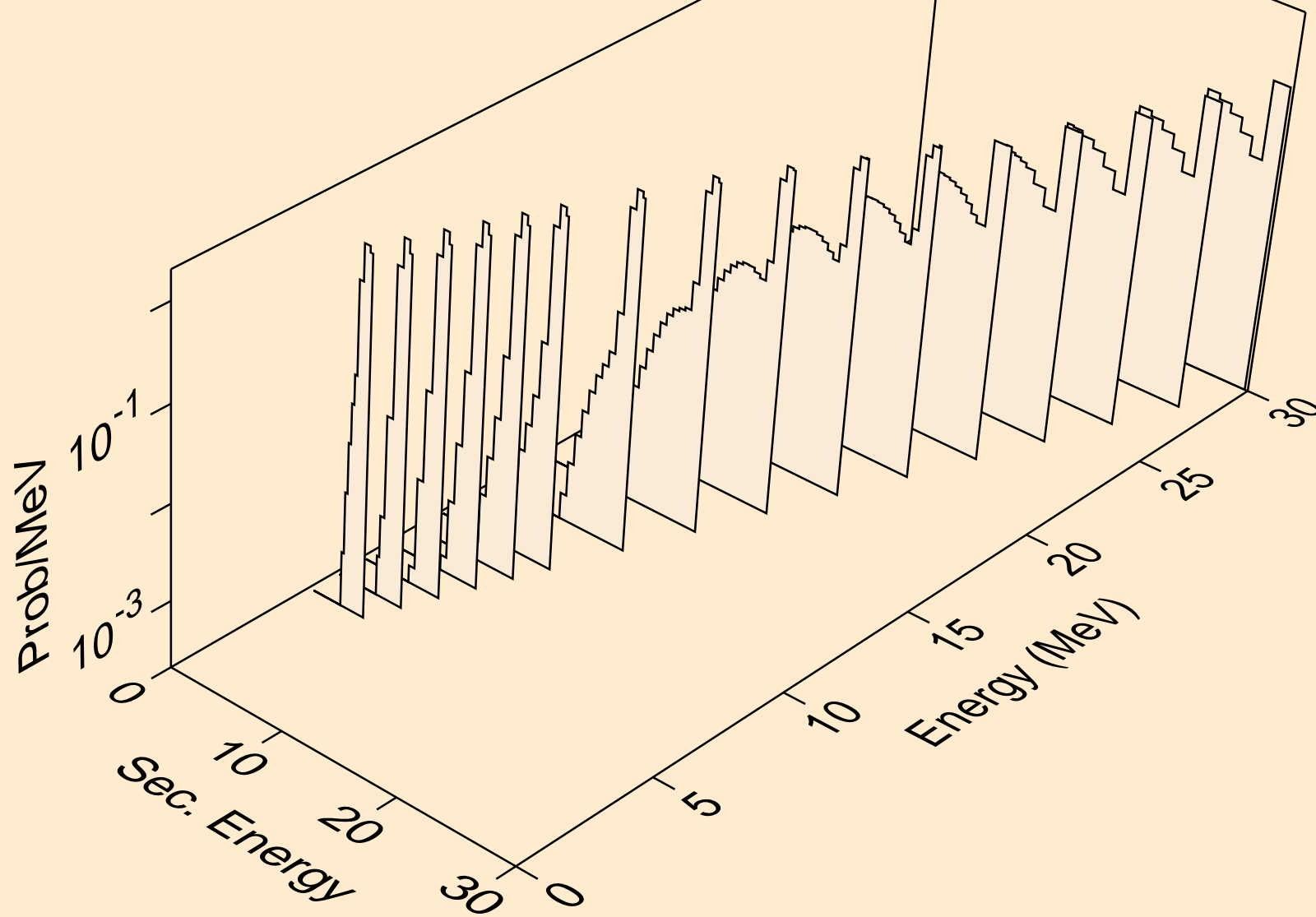
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)



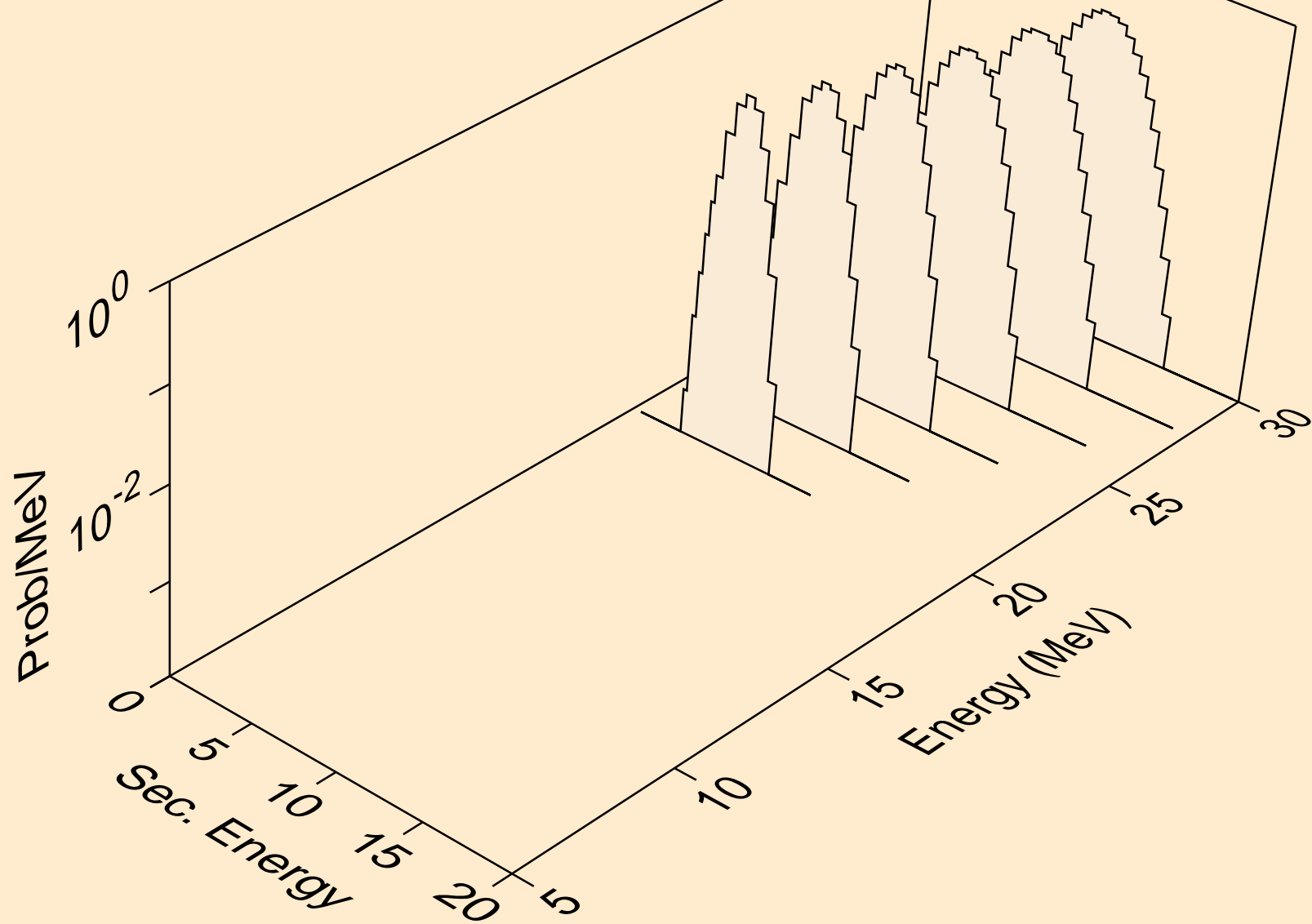
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



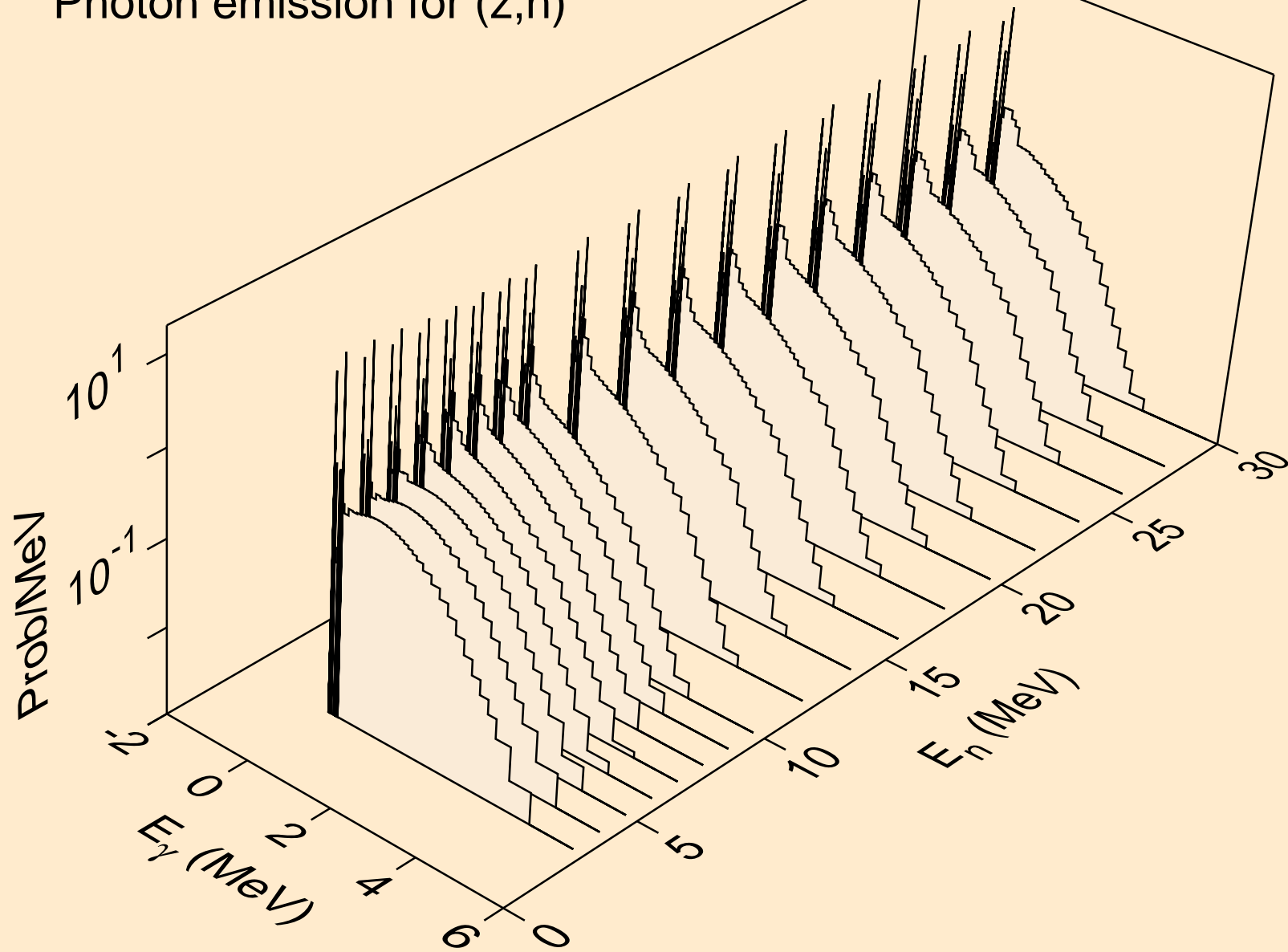
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



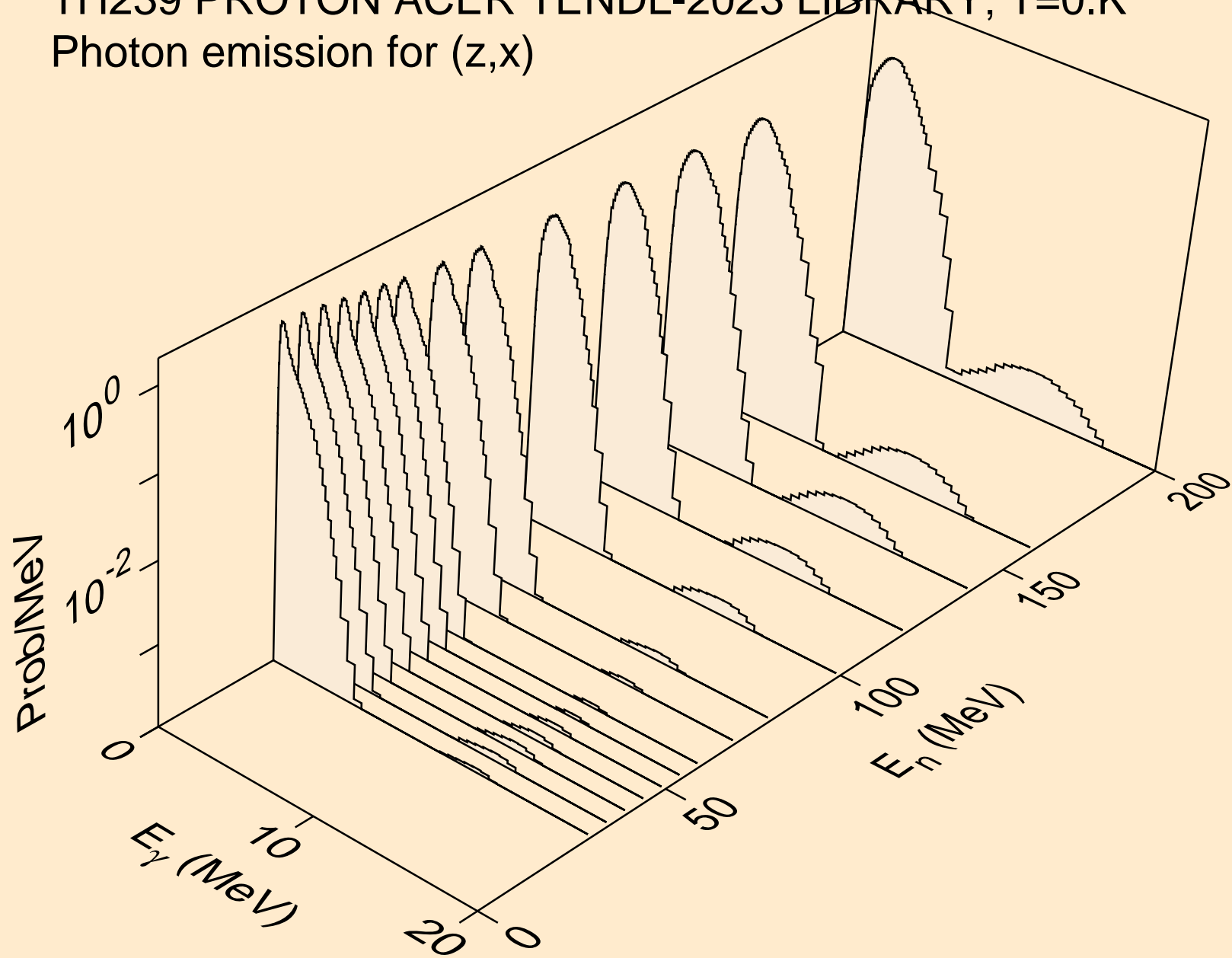
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2p)



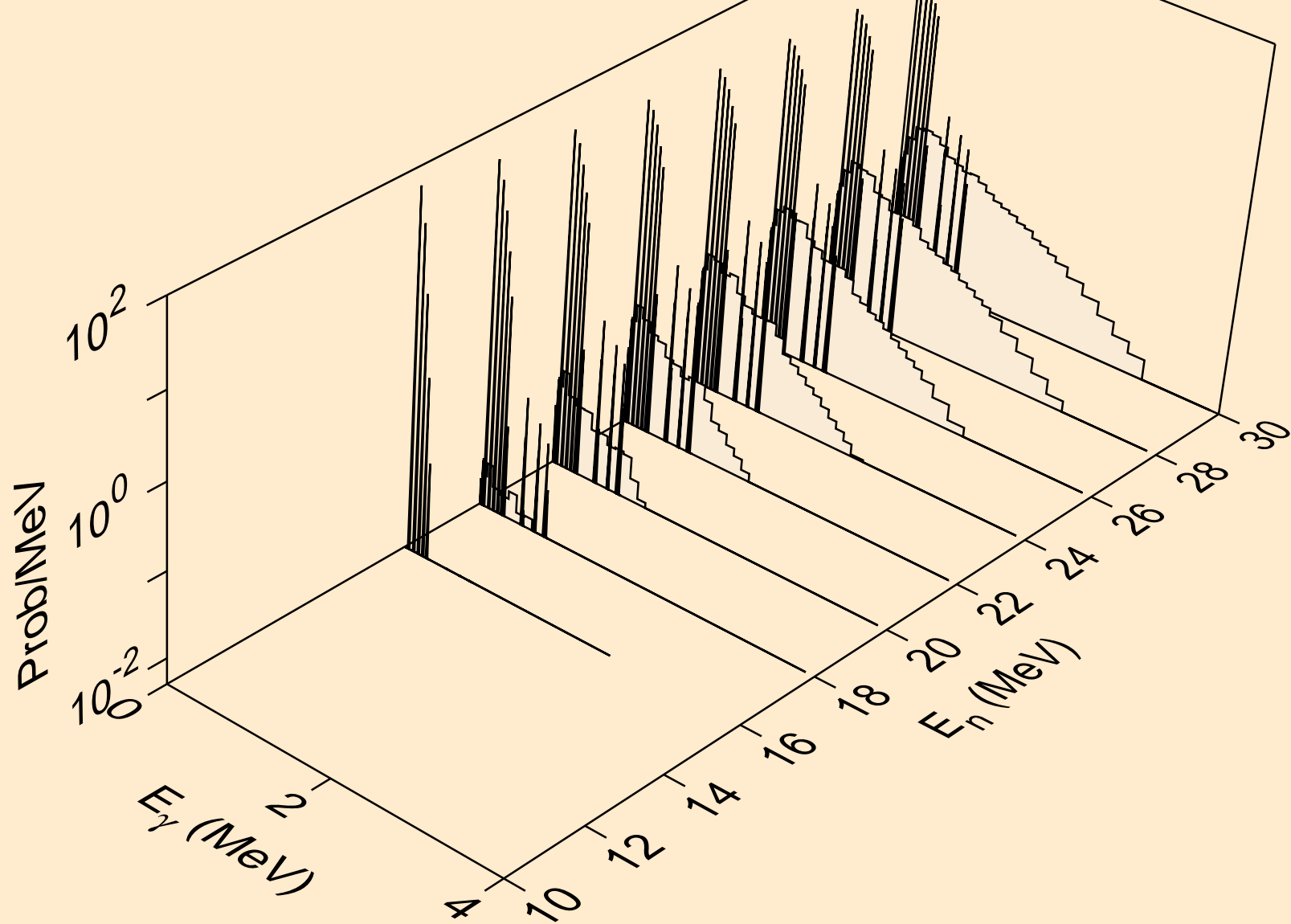
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



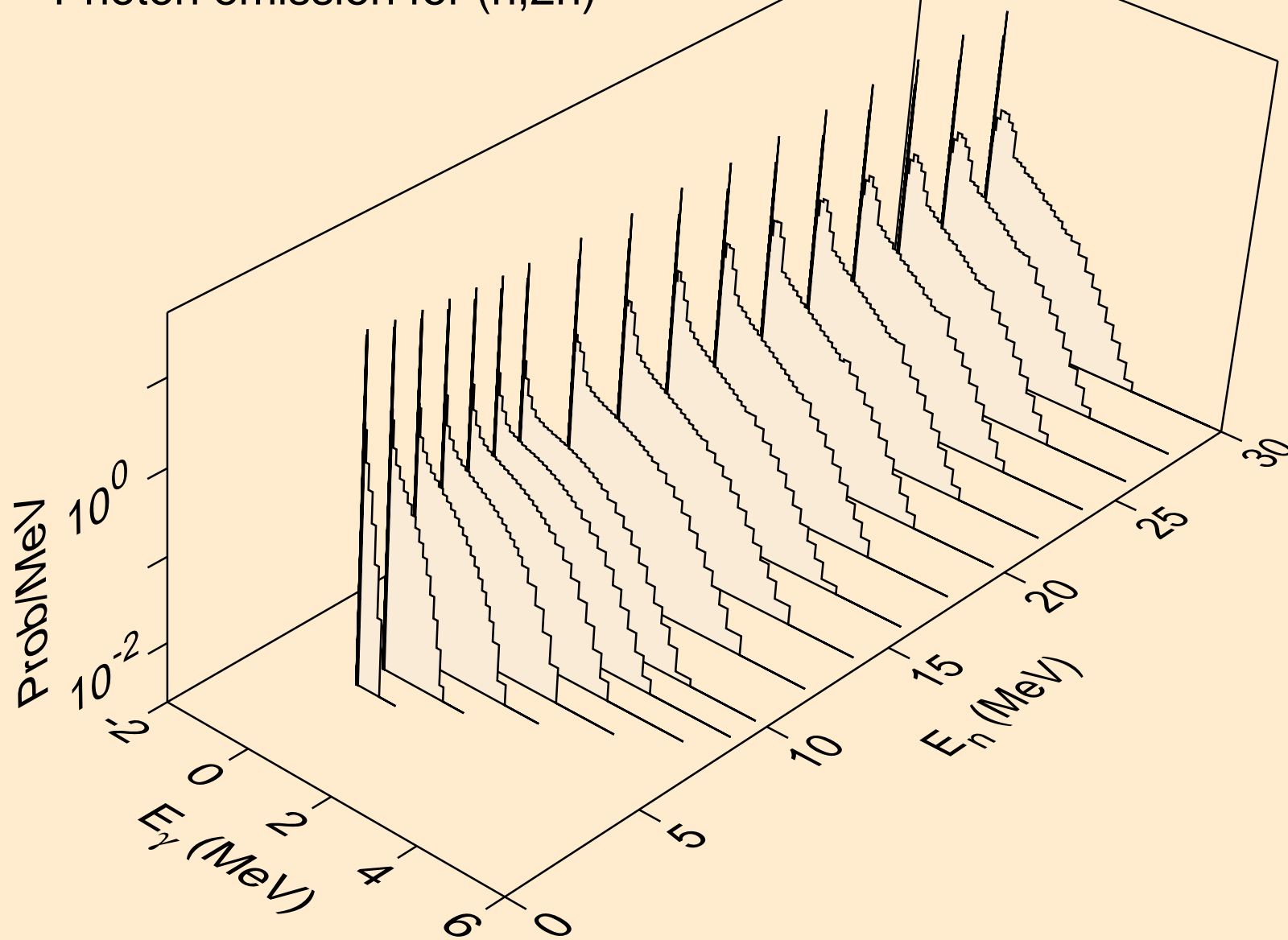
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



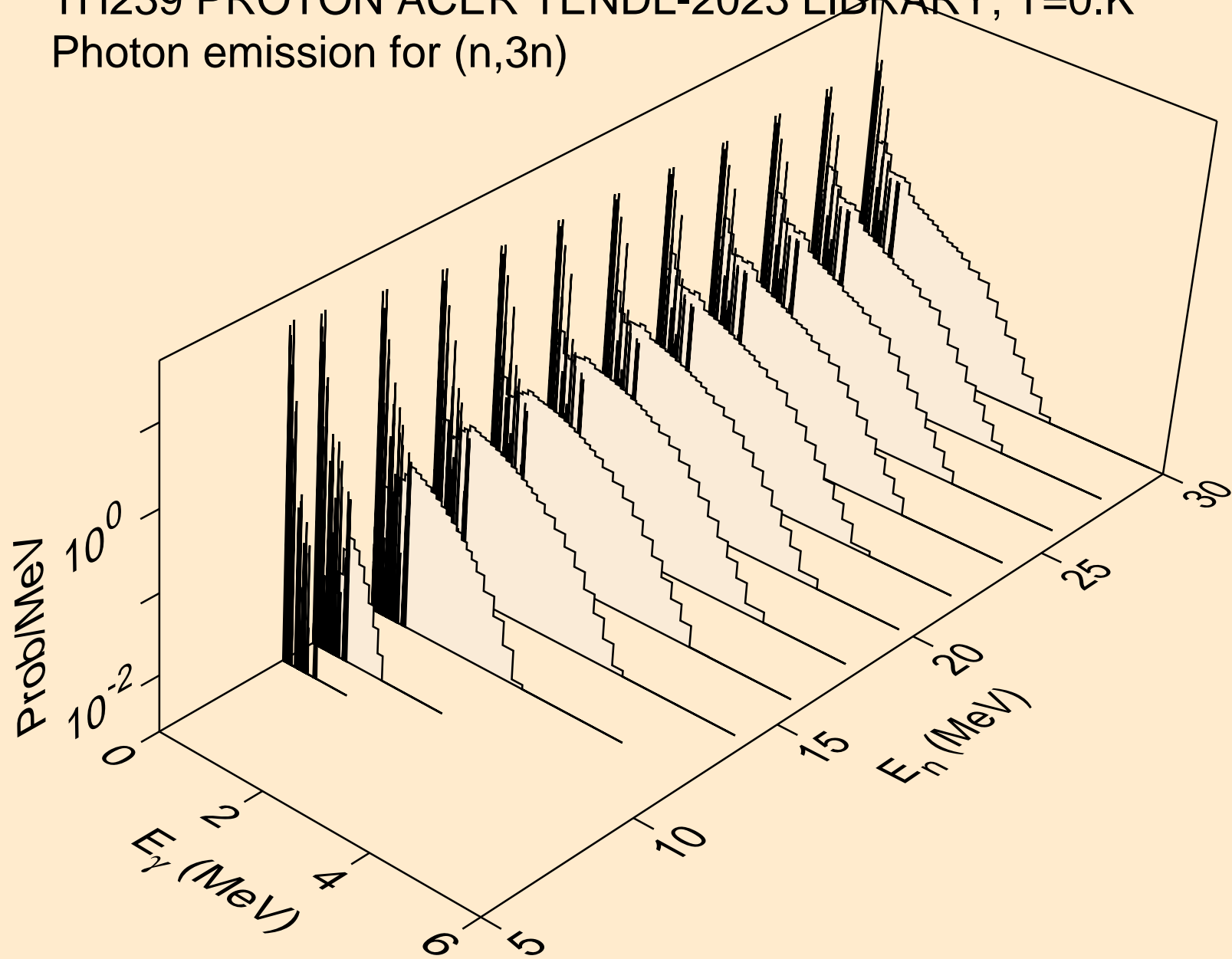
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



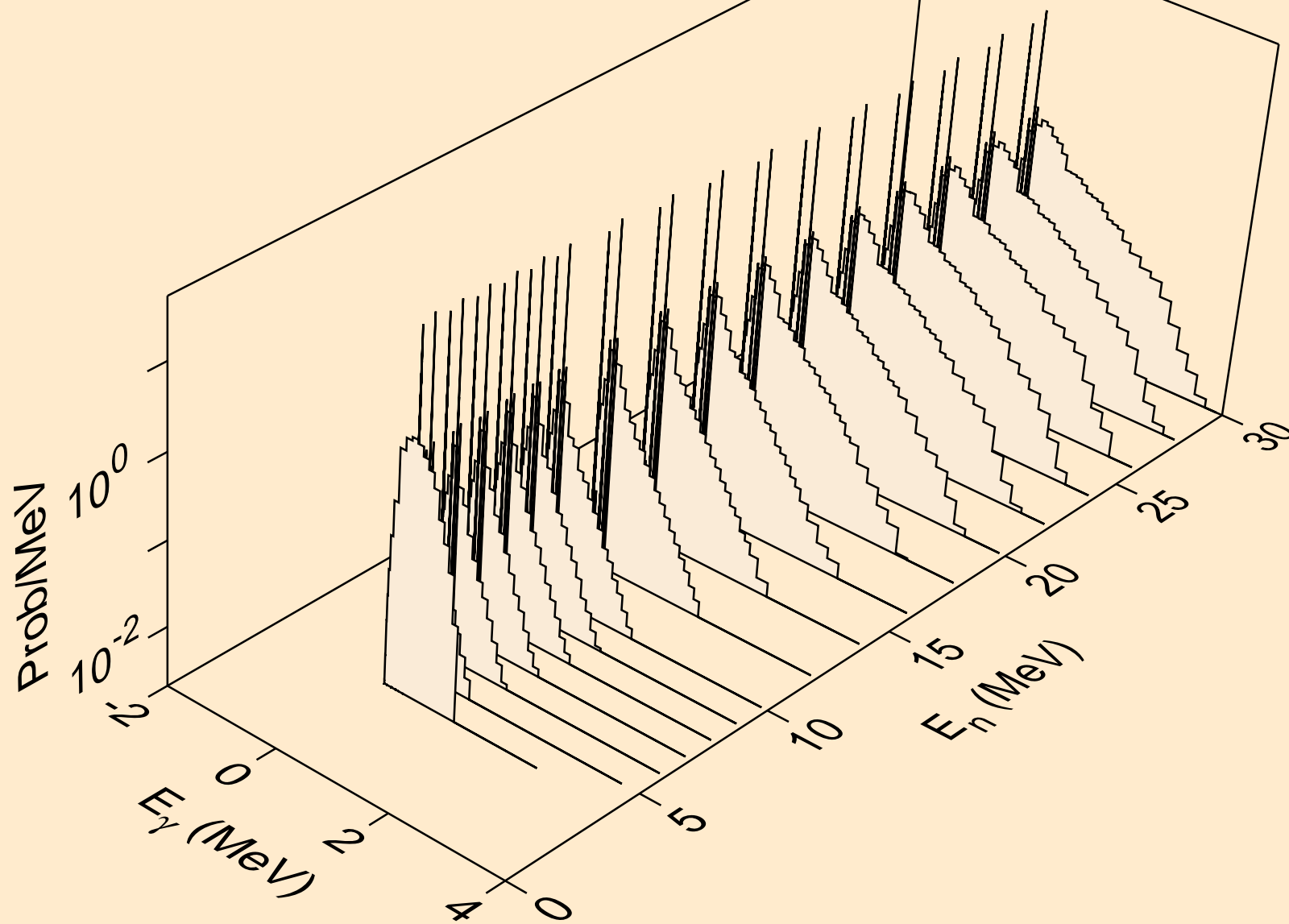
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



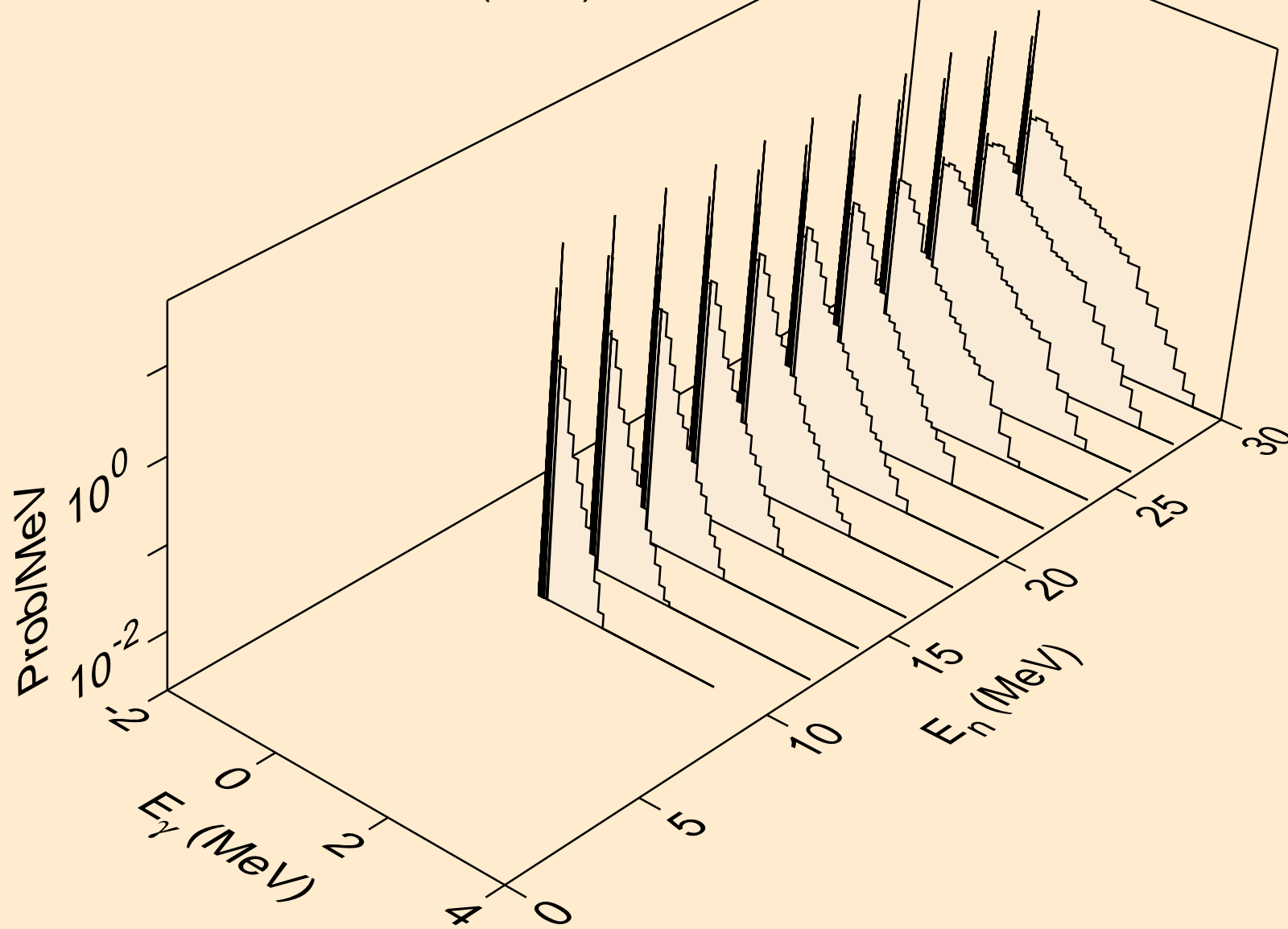
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



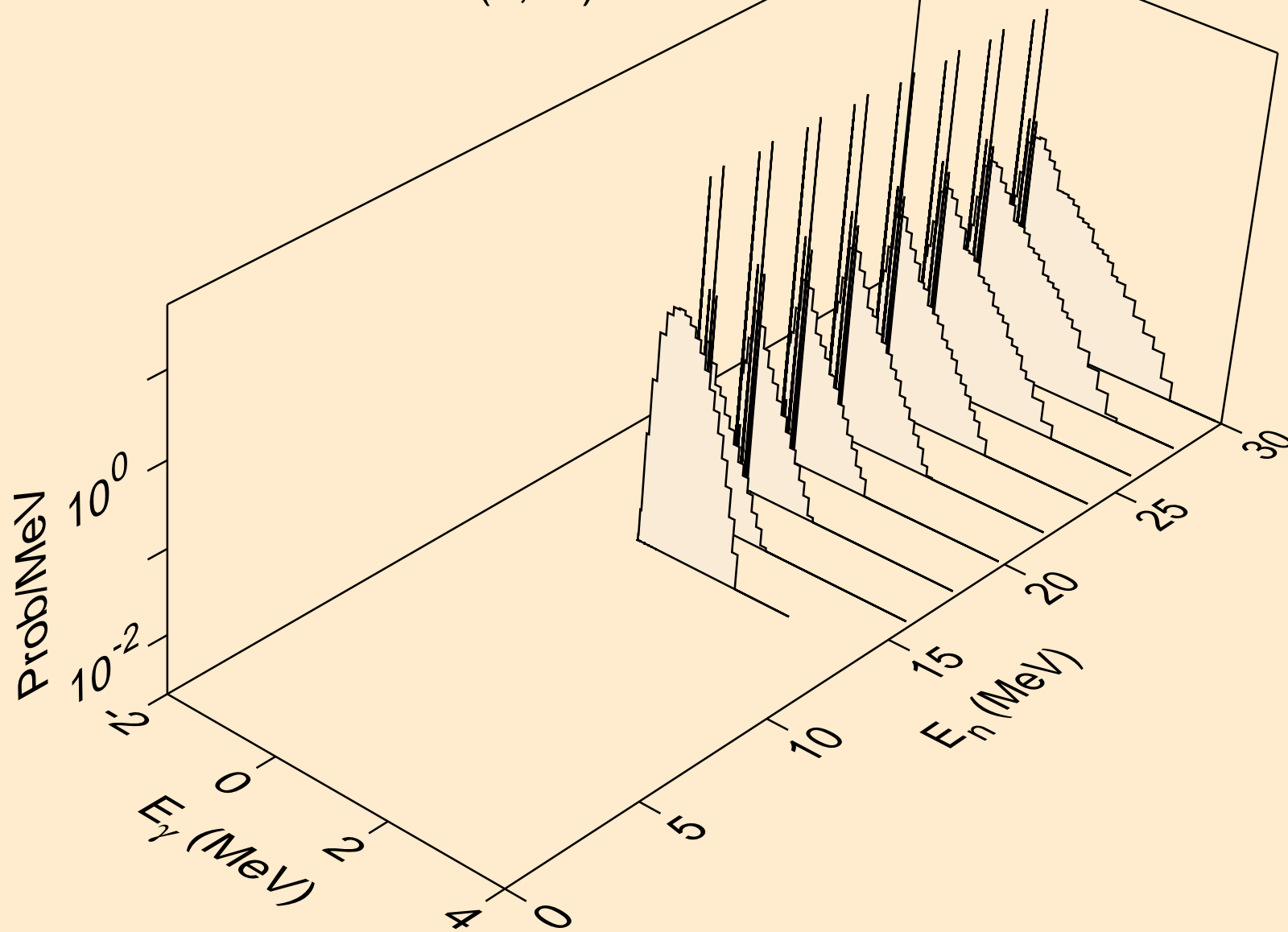
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



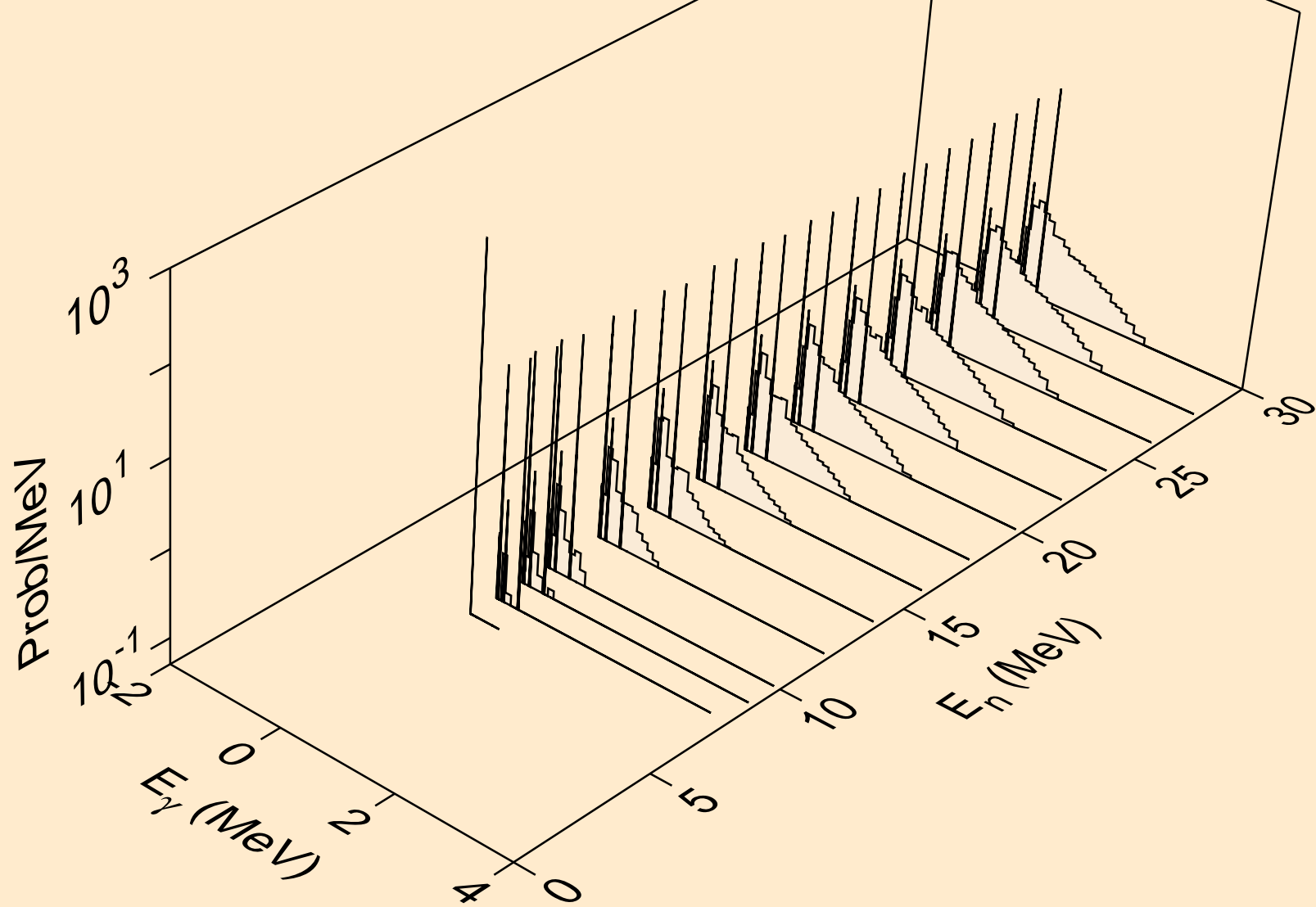
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



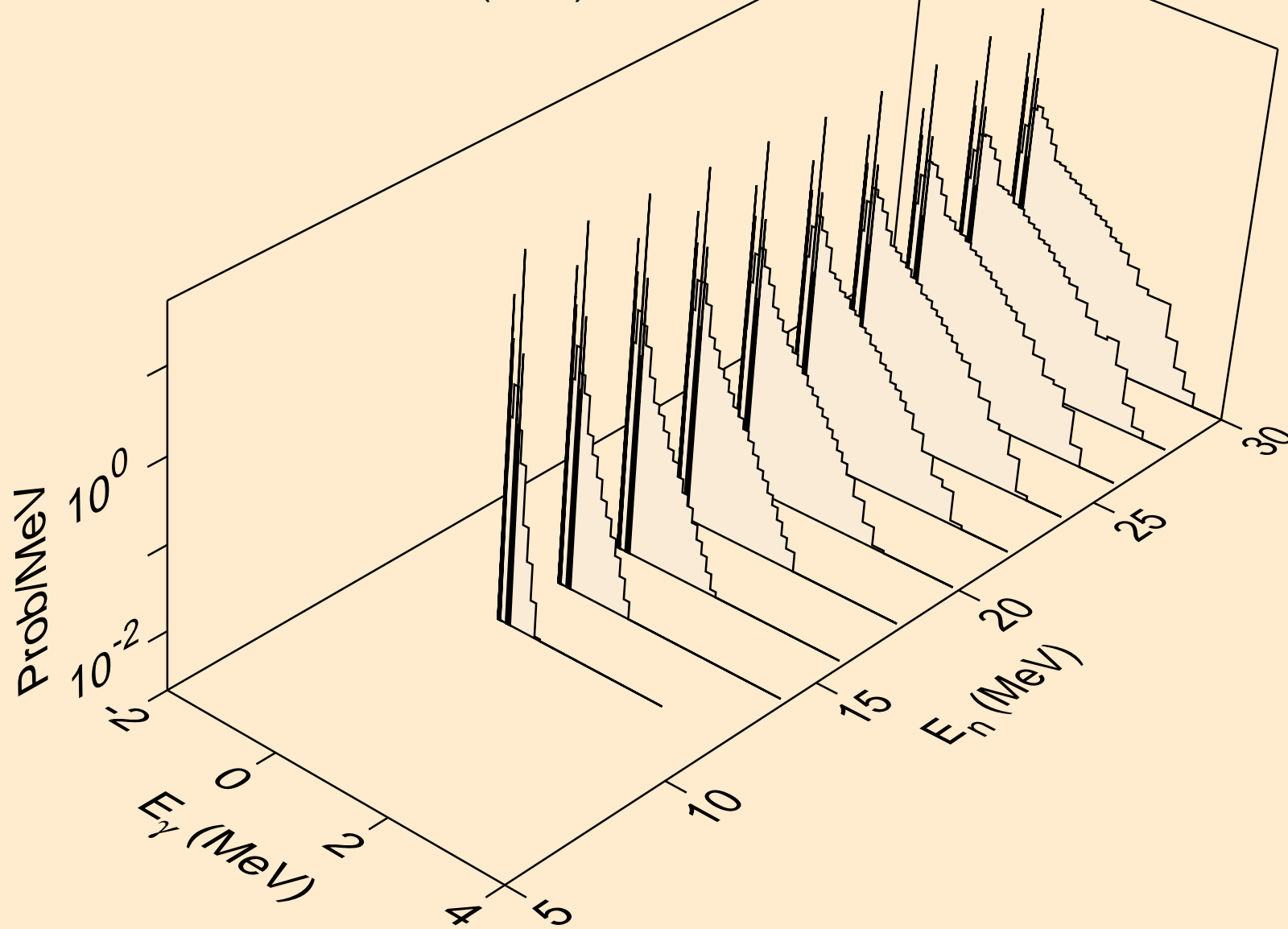
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



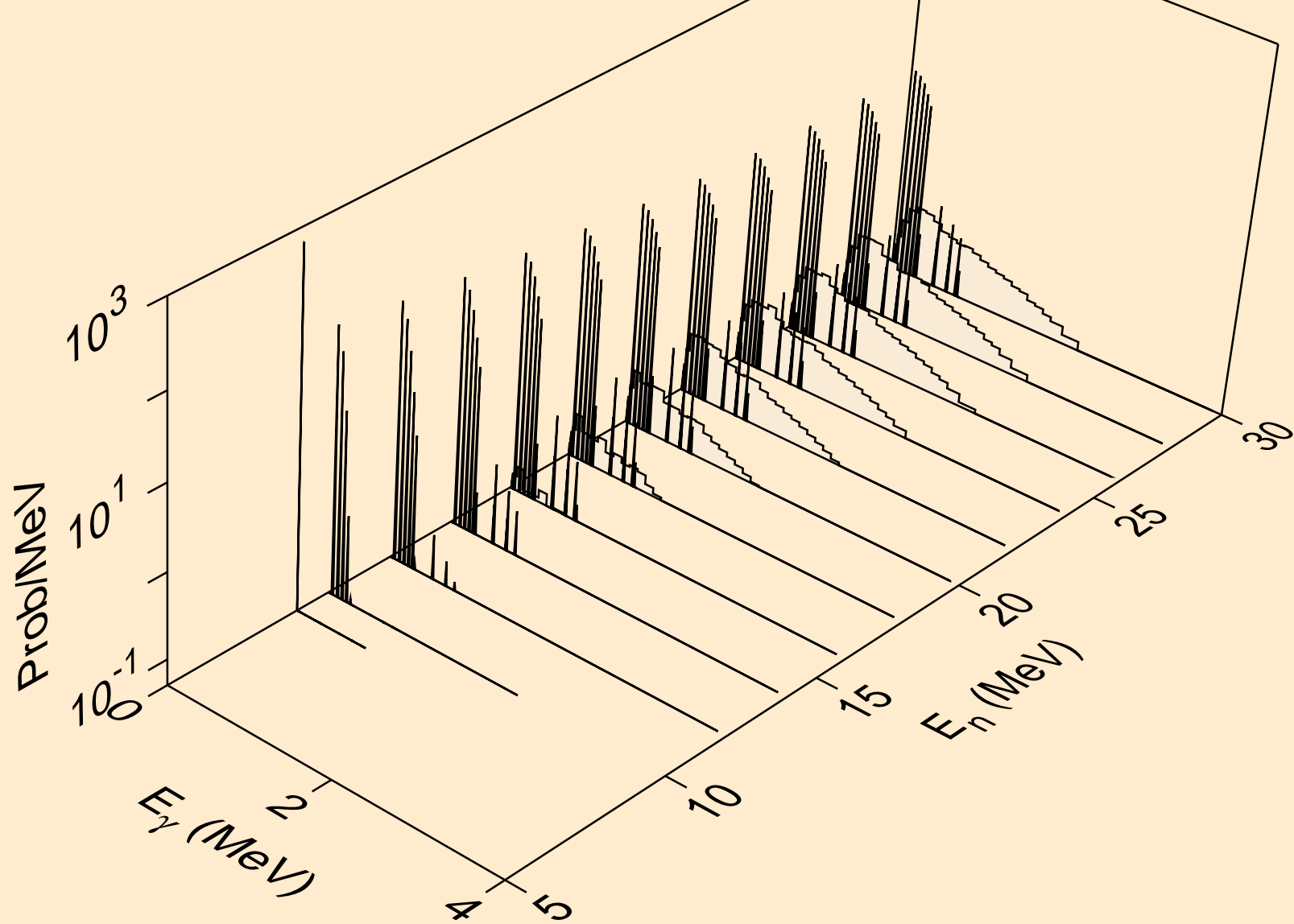
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



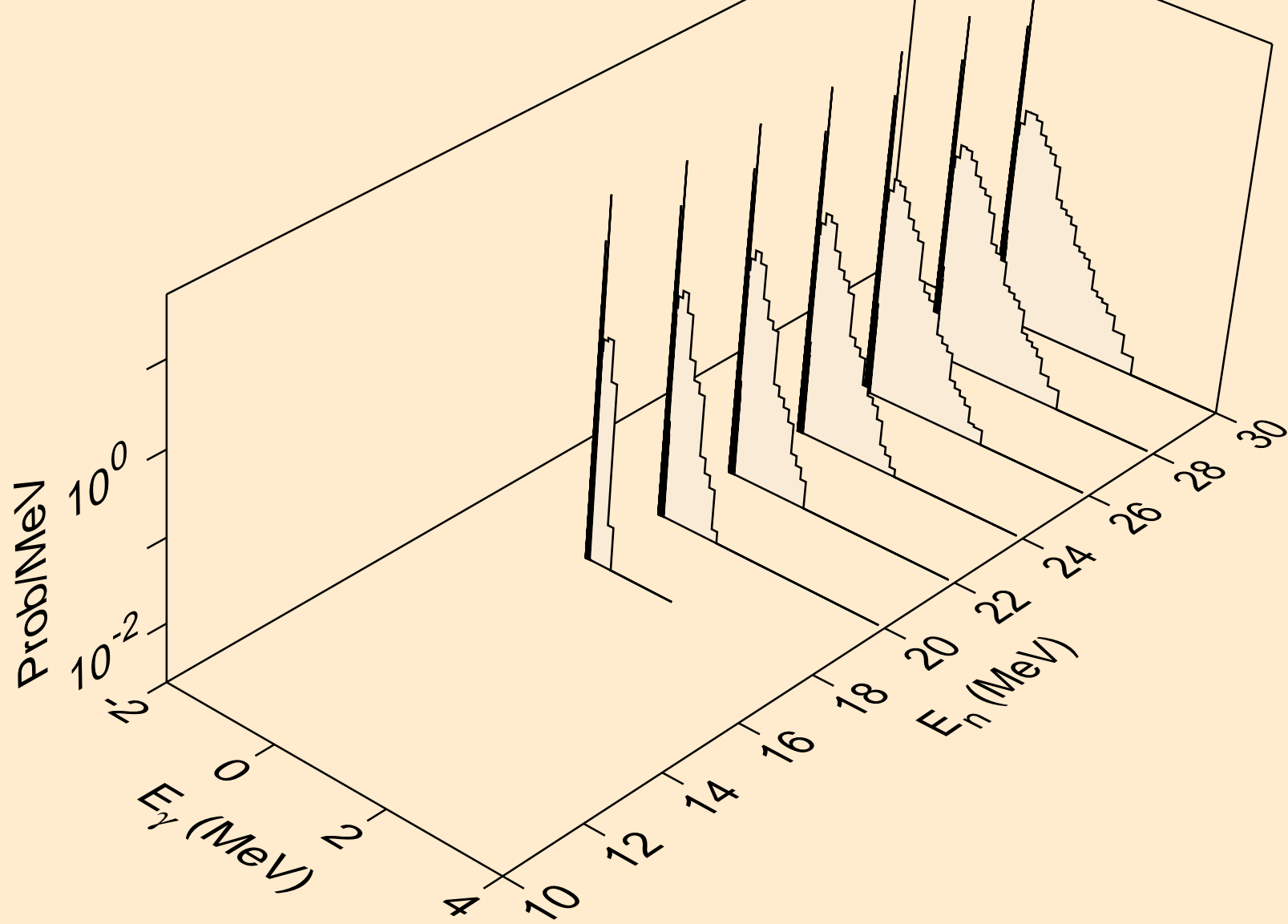
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



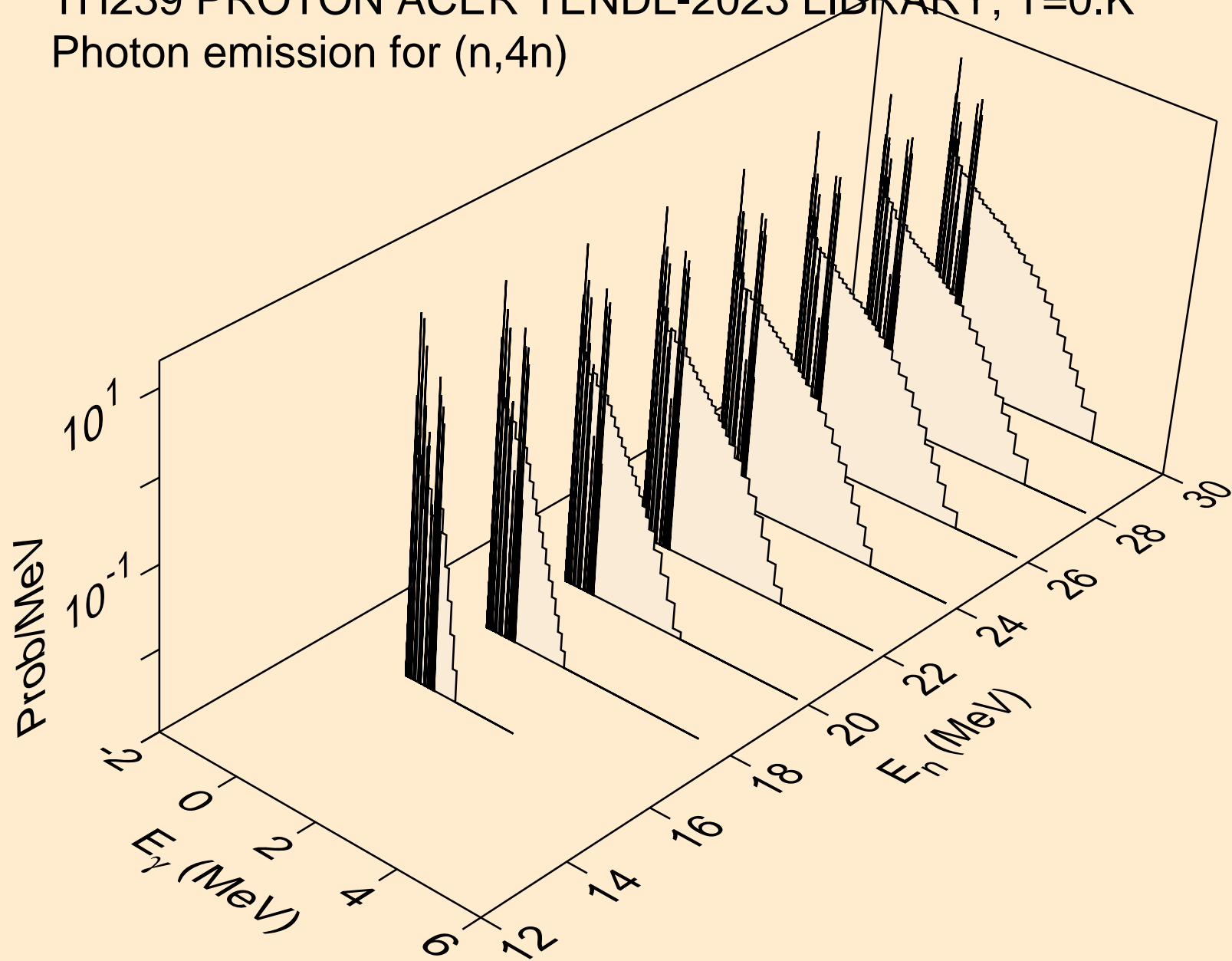
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



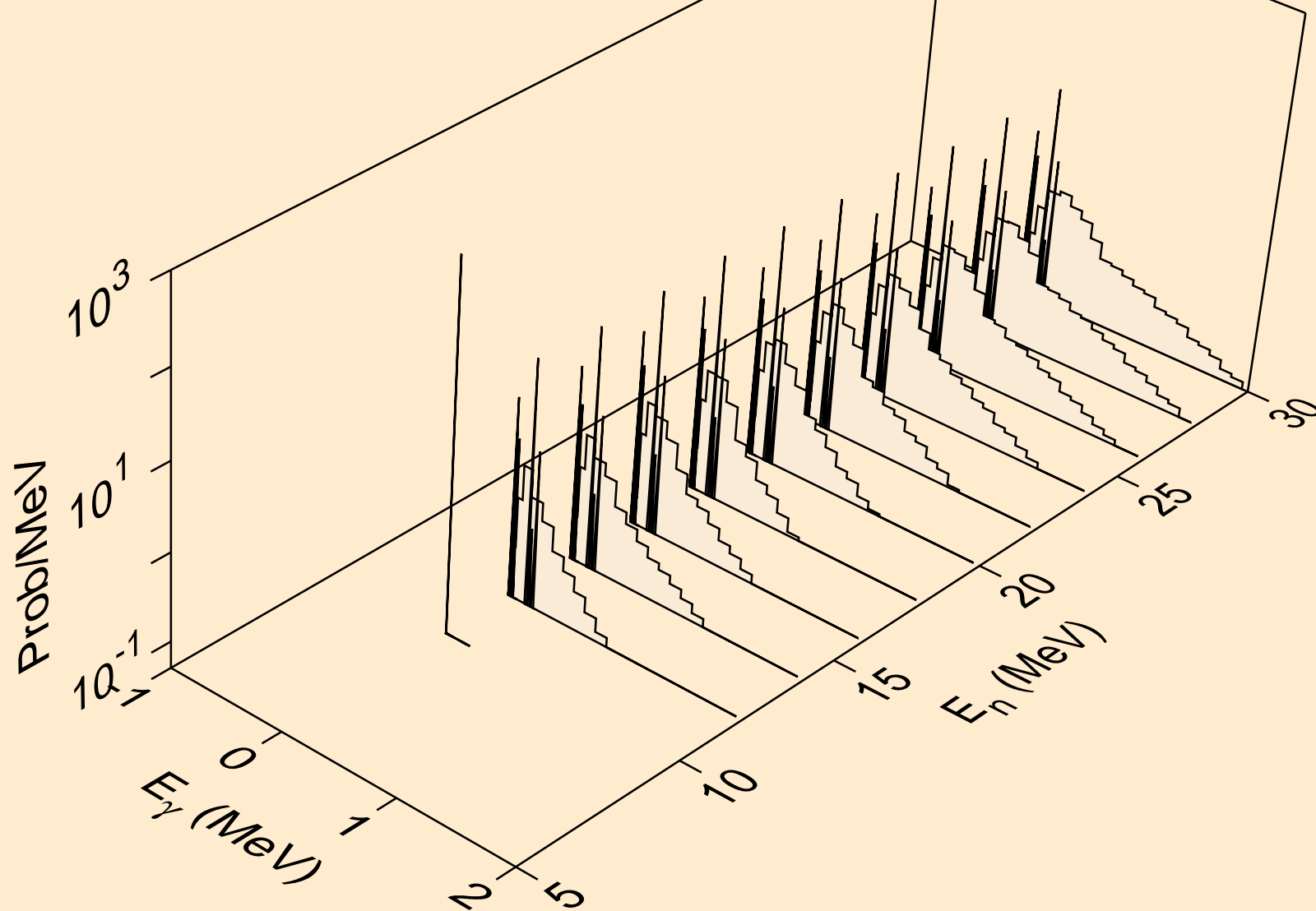
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



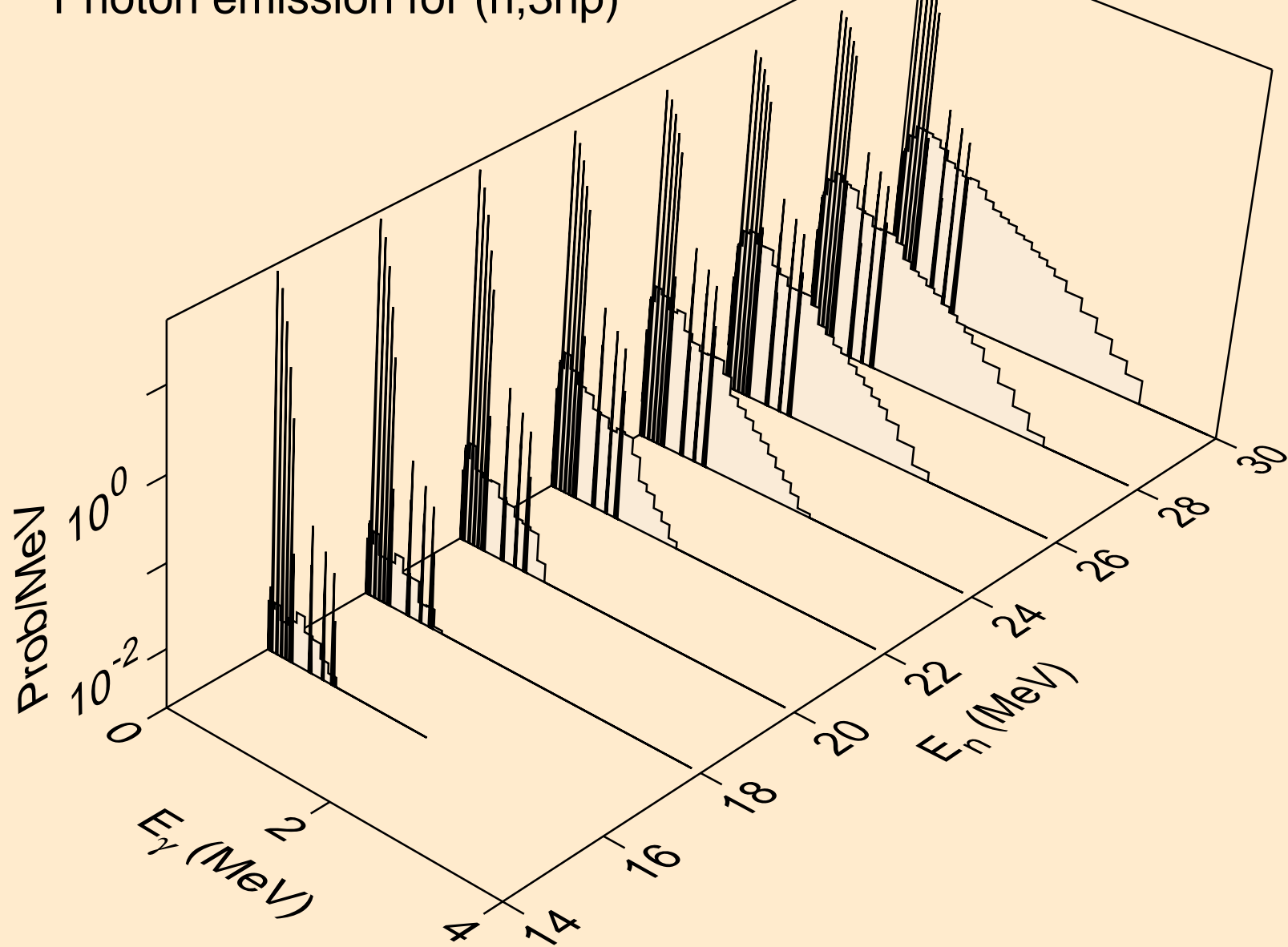
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



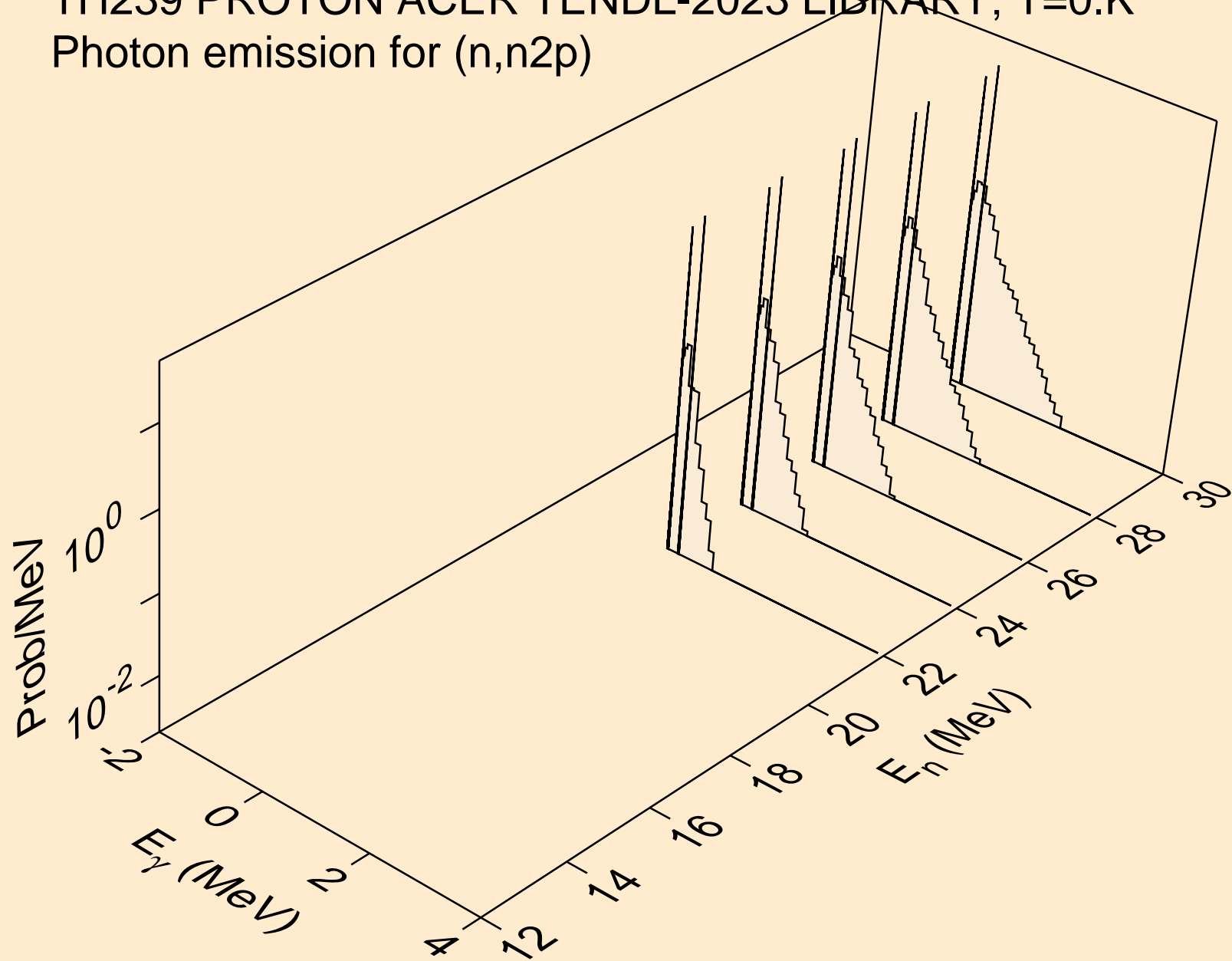
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



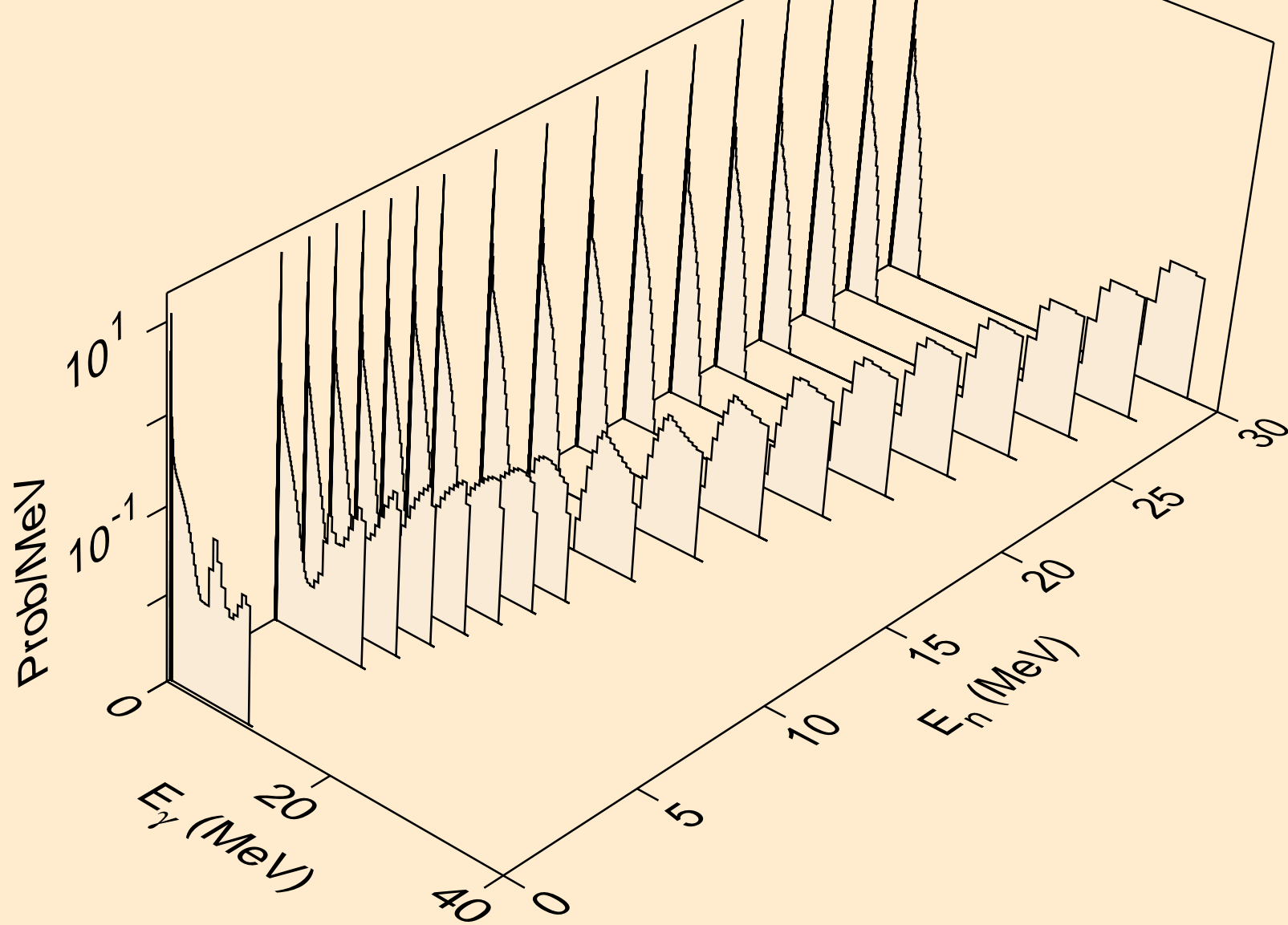
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



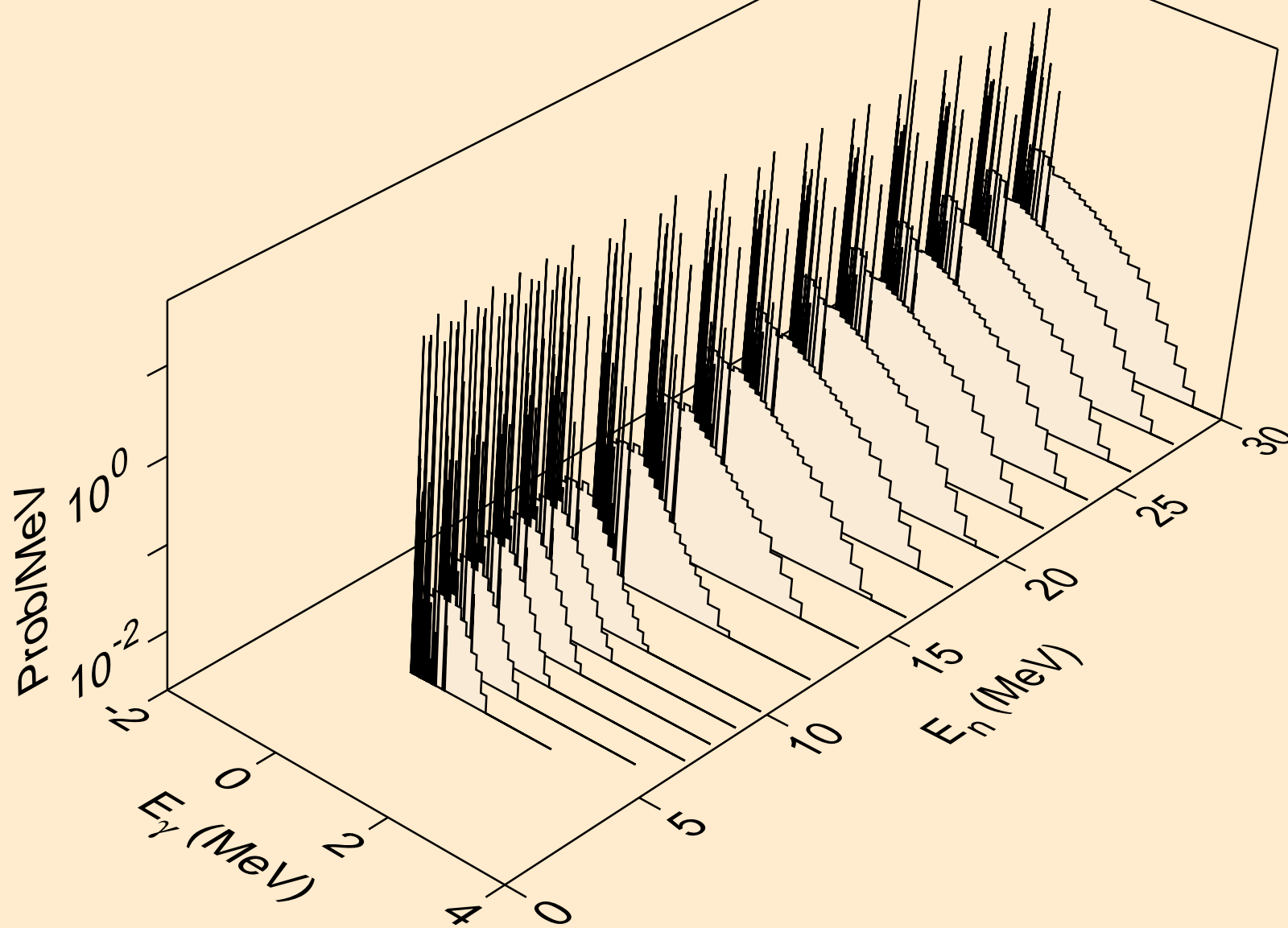
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



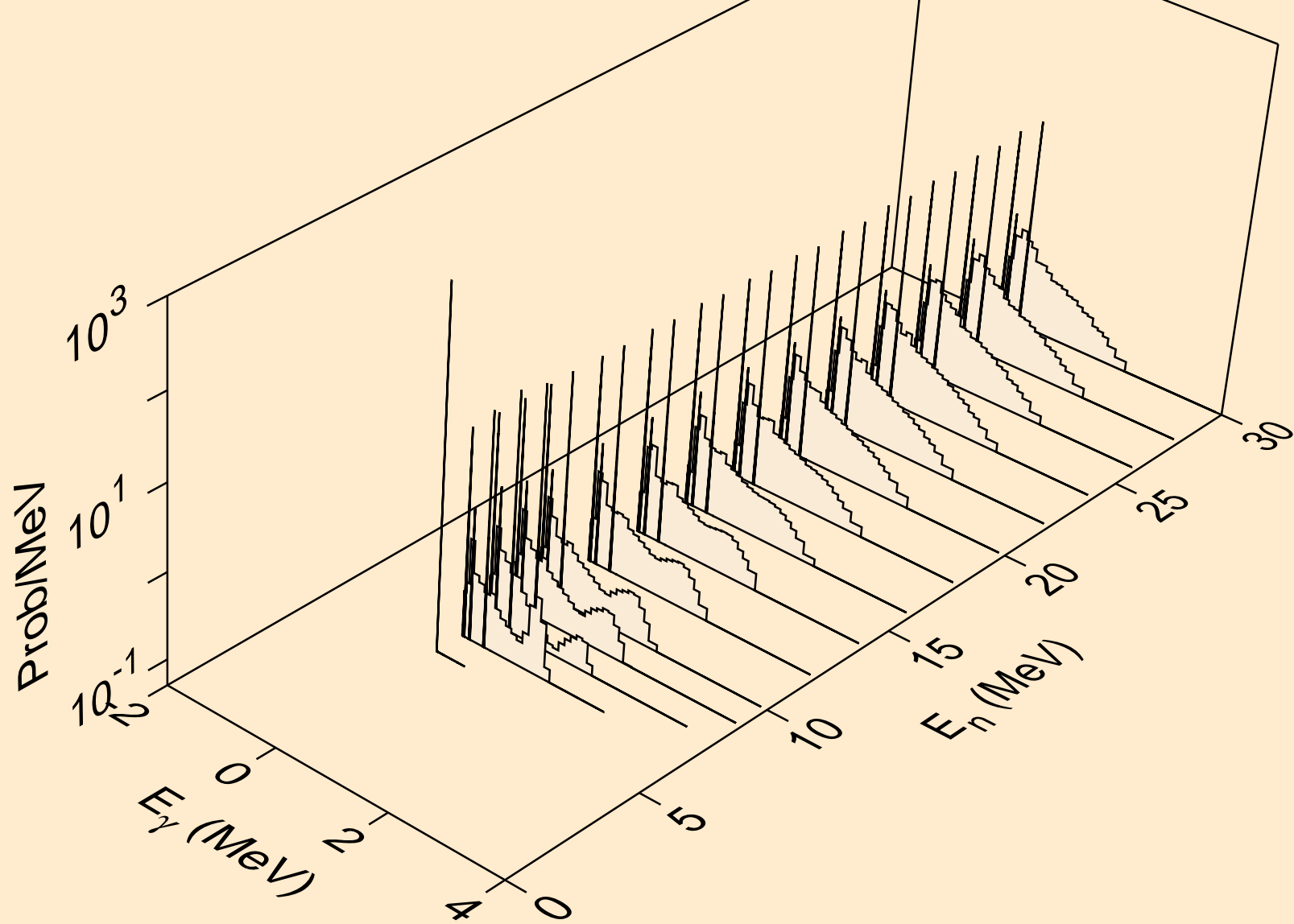
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



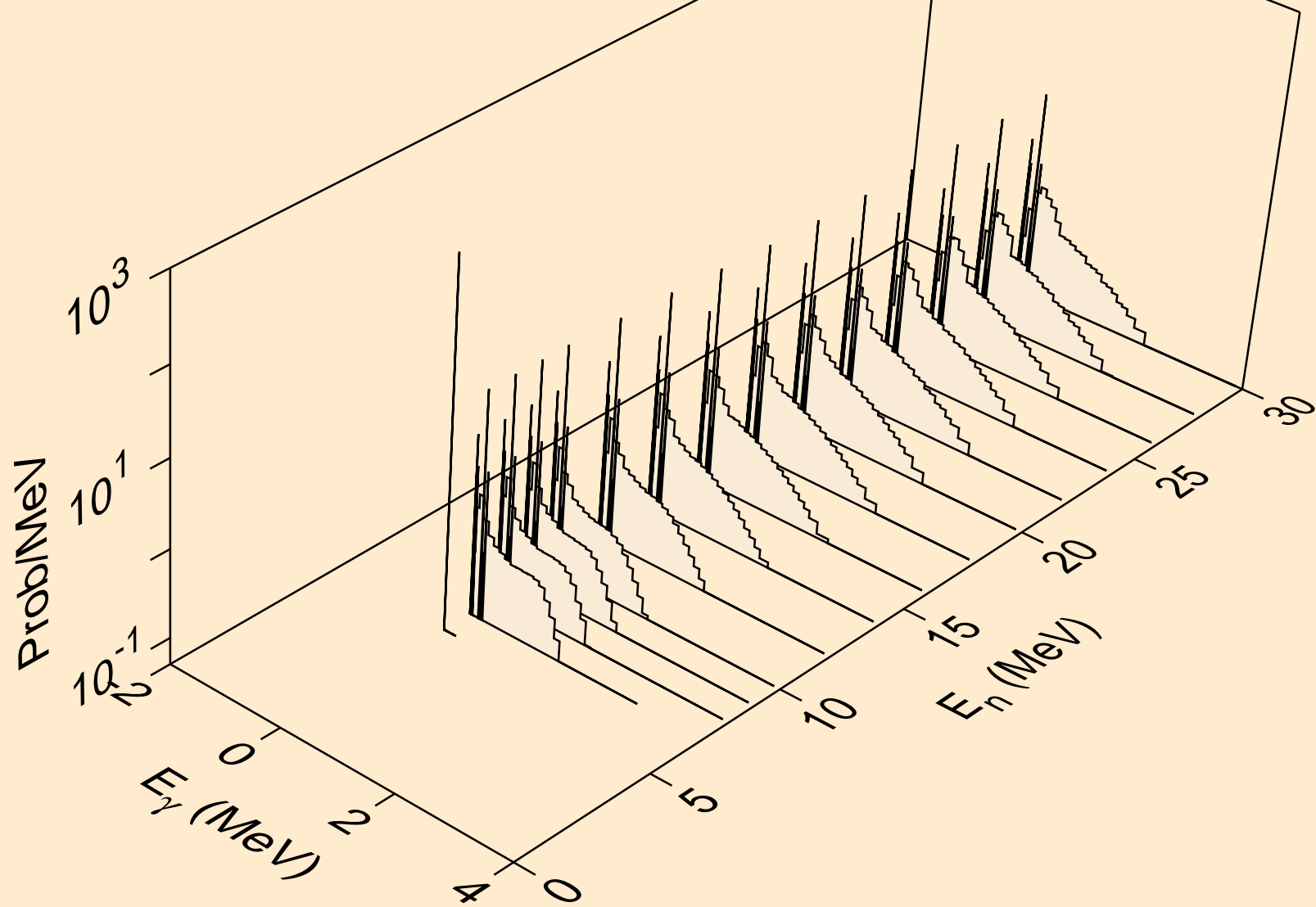
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



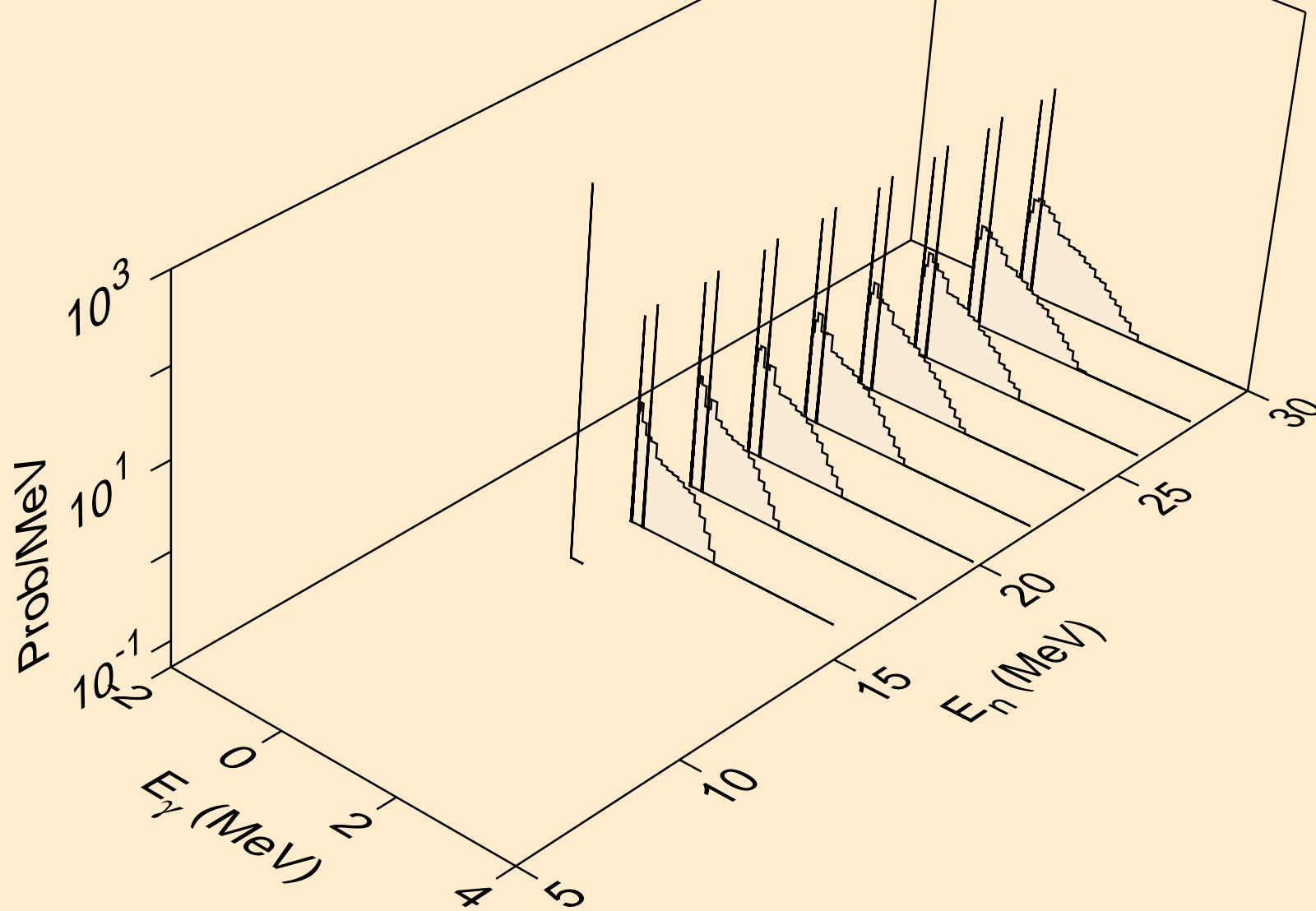
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



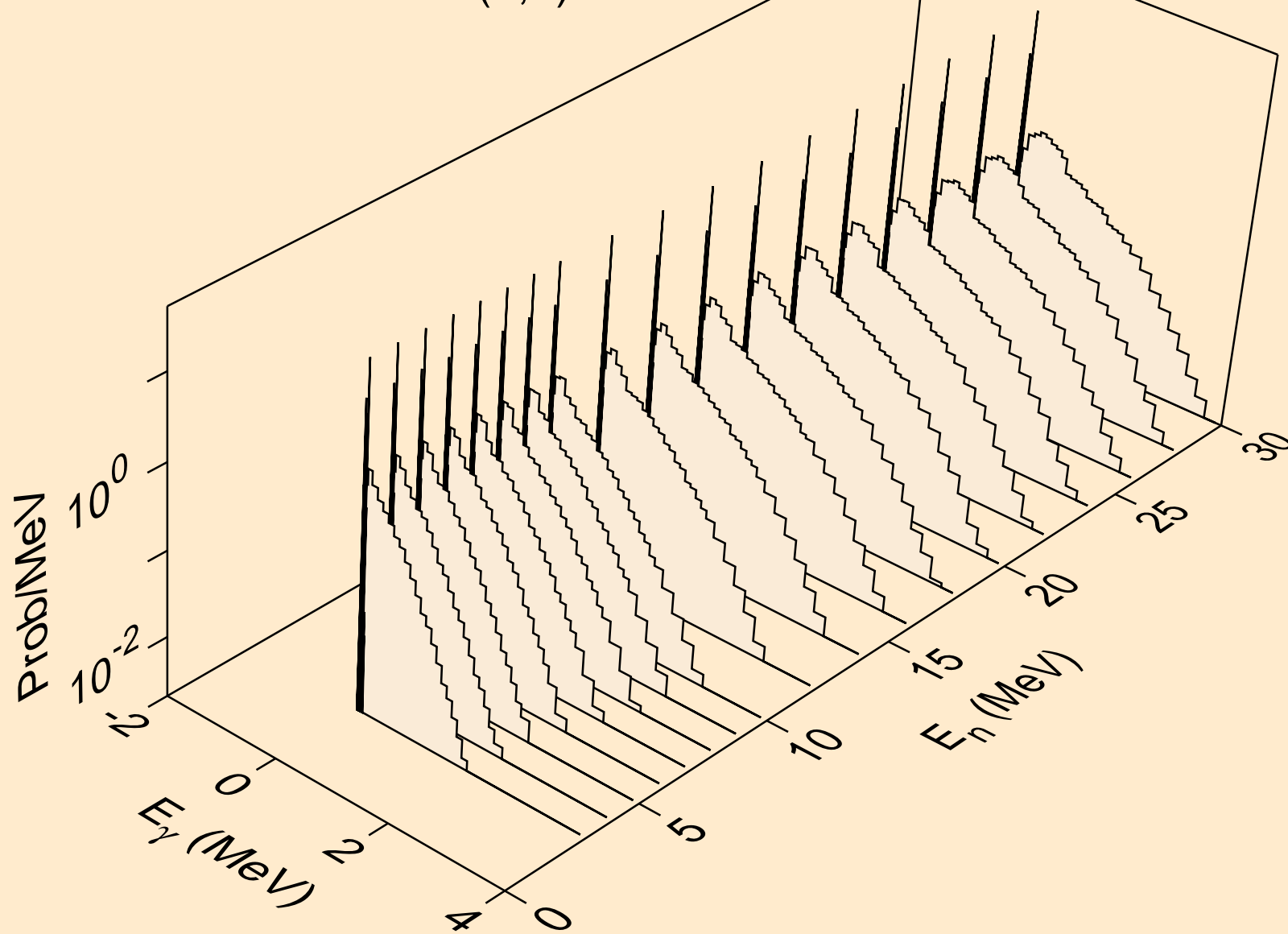
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



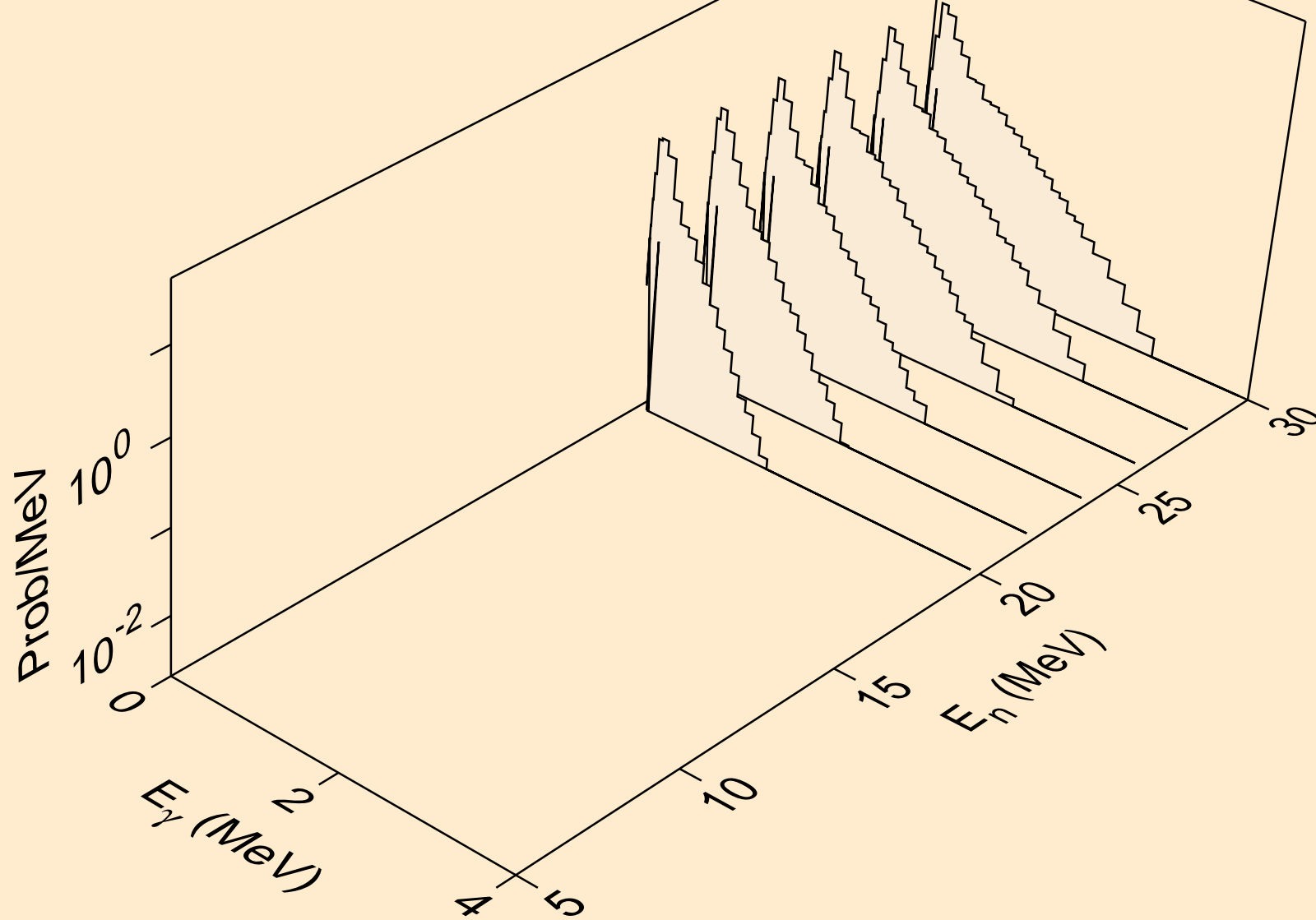
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)

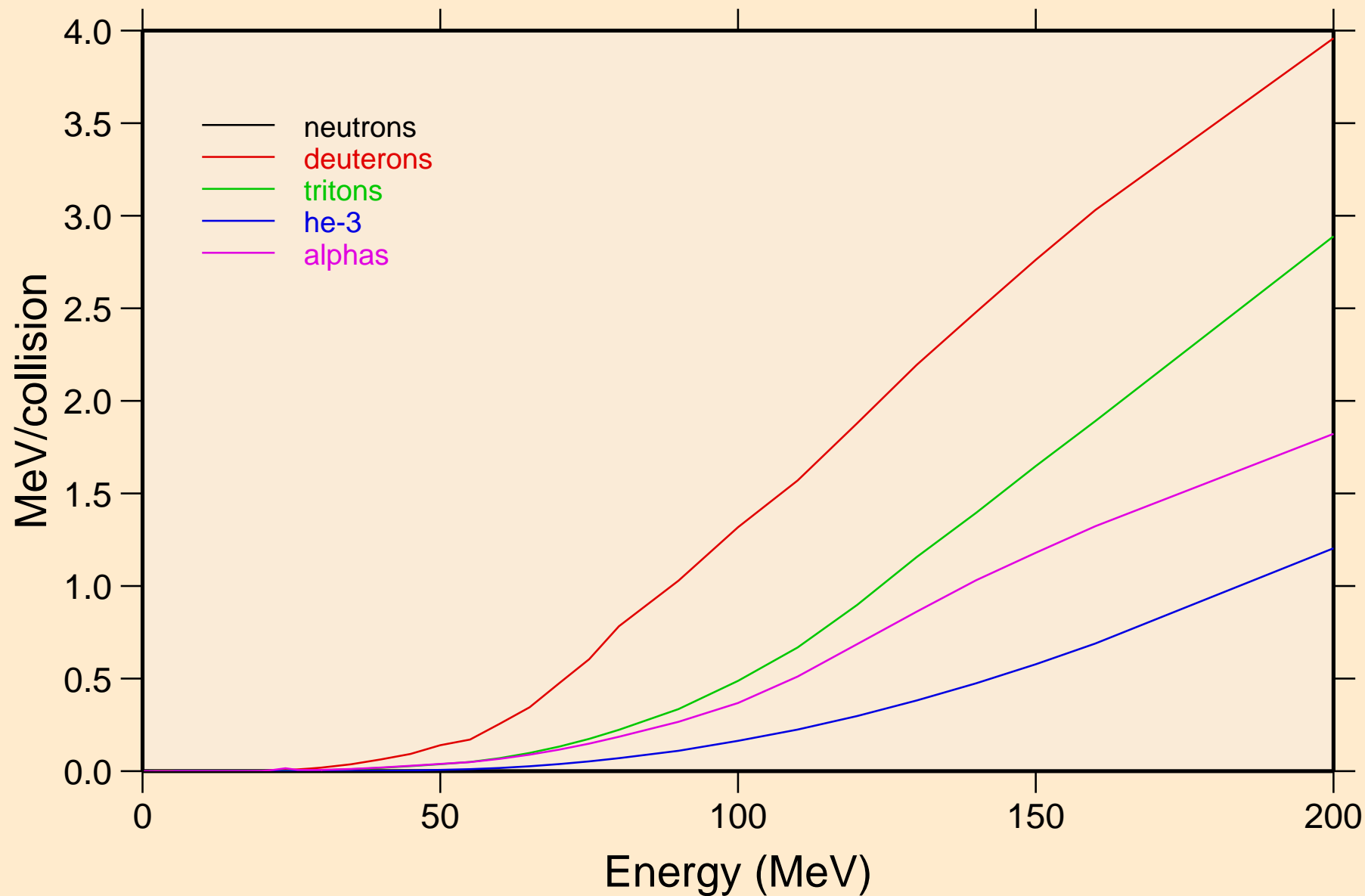


TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)

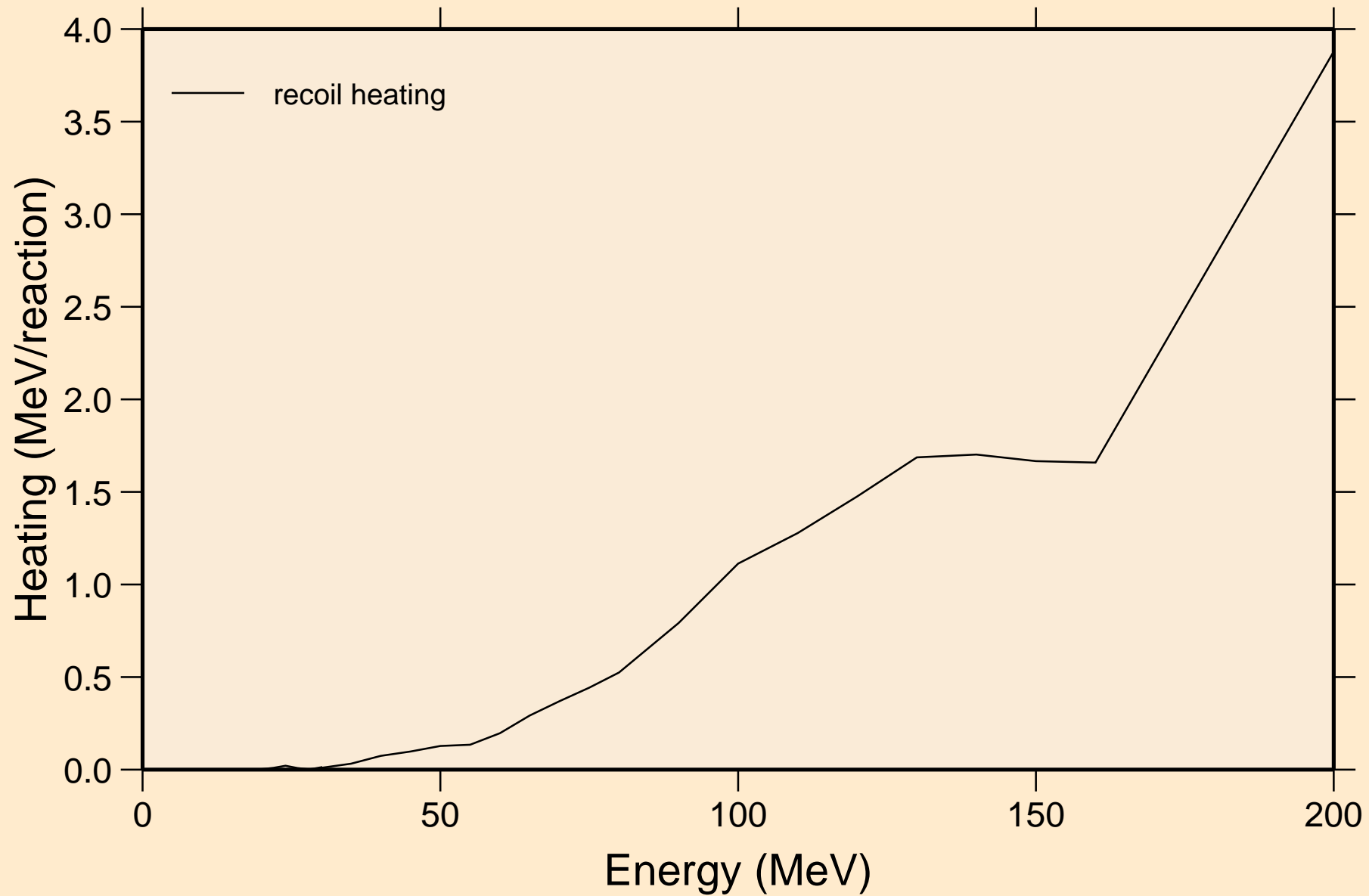


TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K

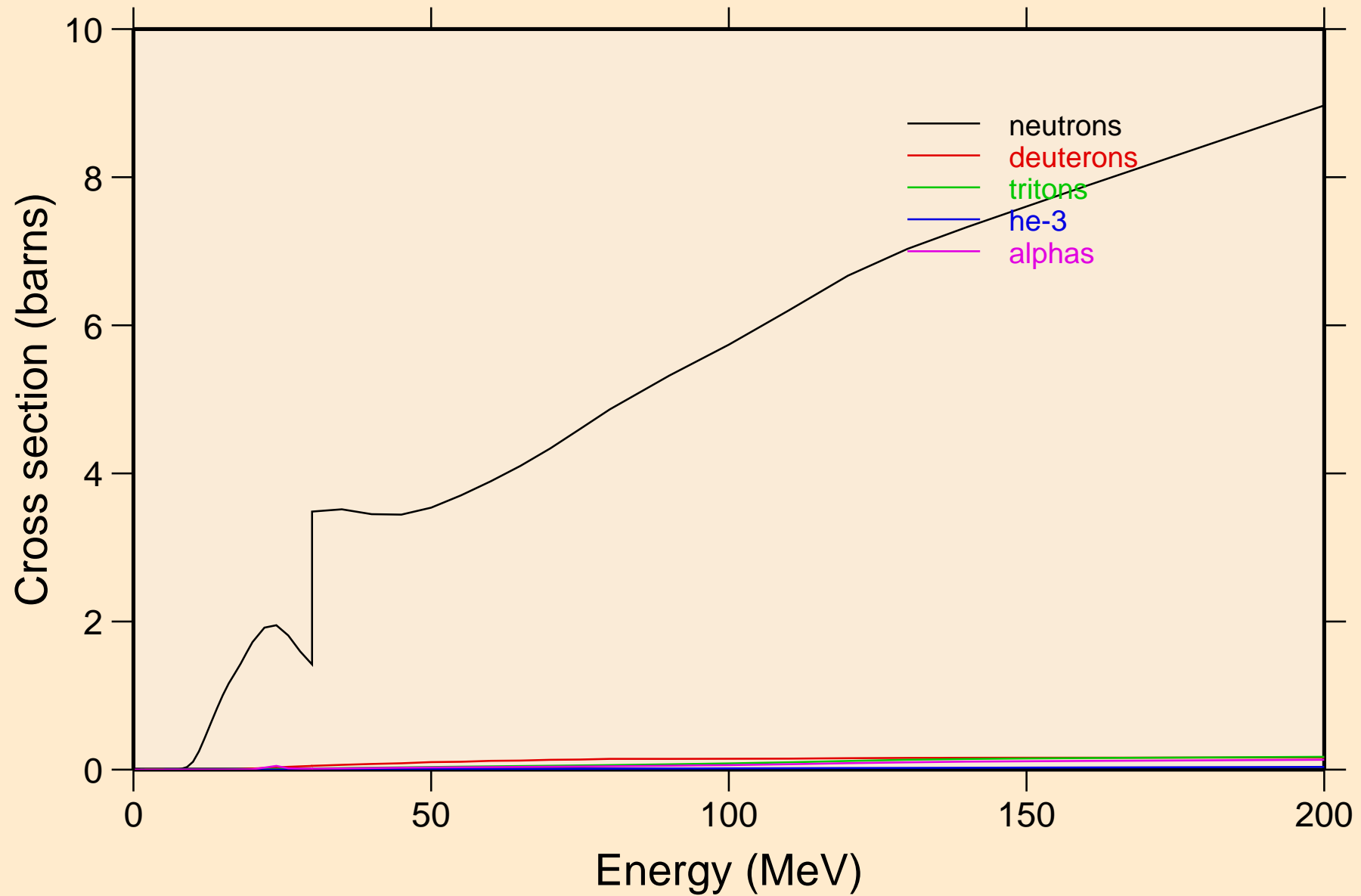
Particle heating contributions



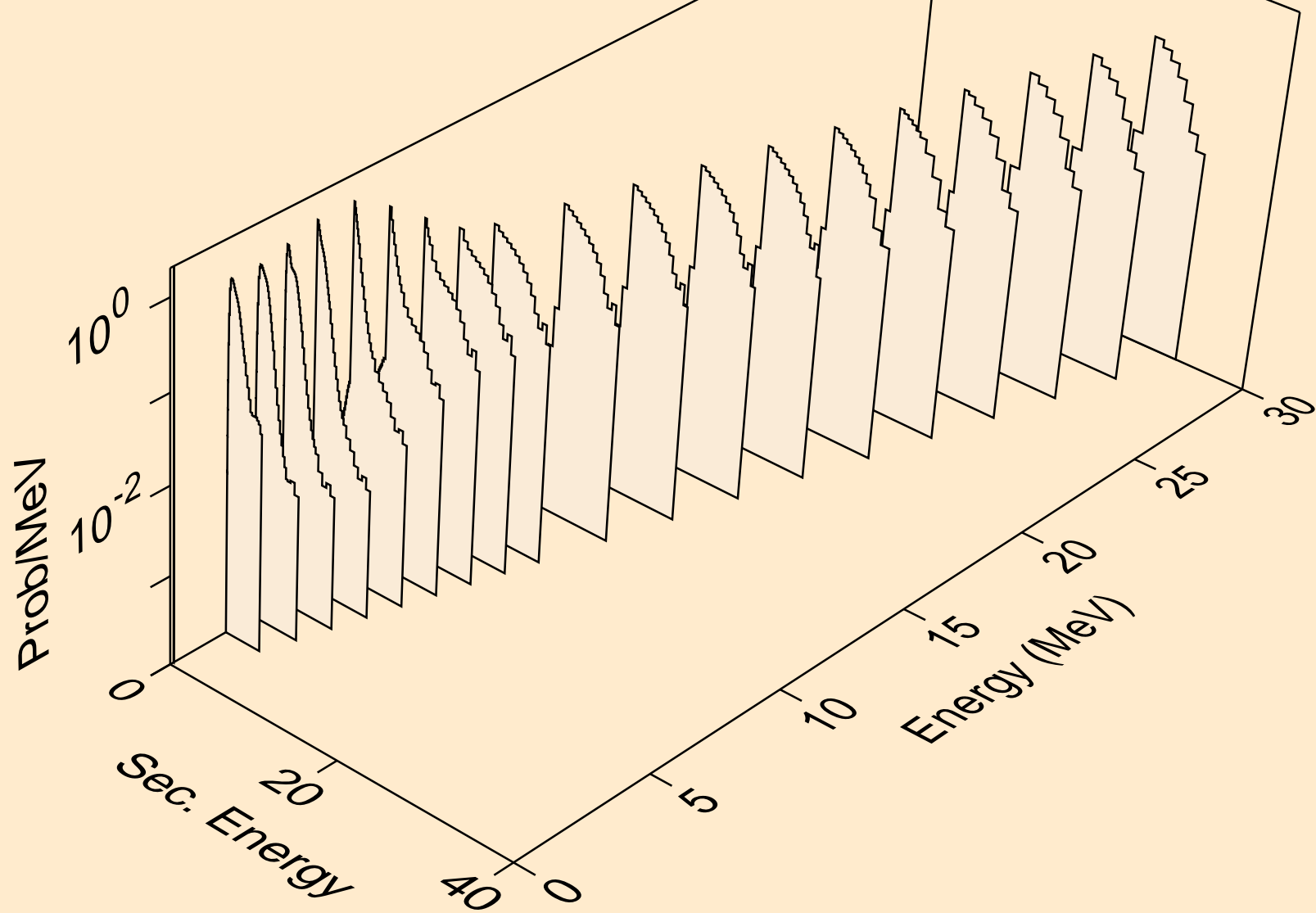
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating



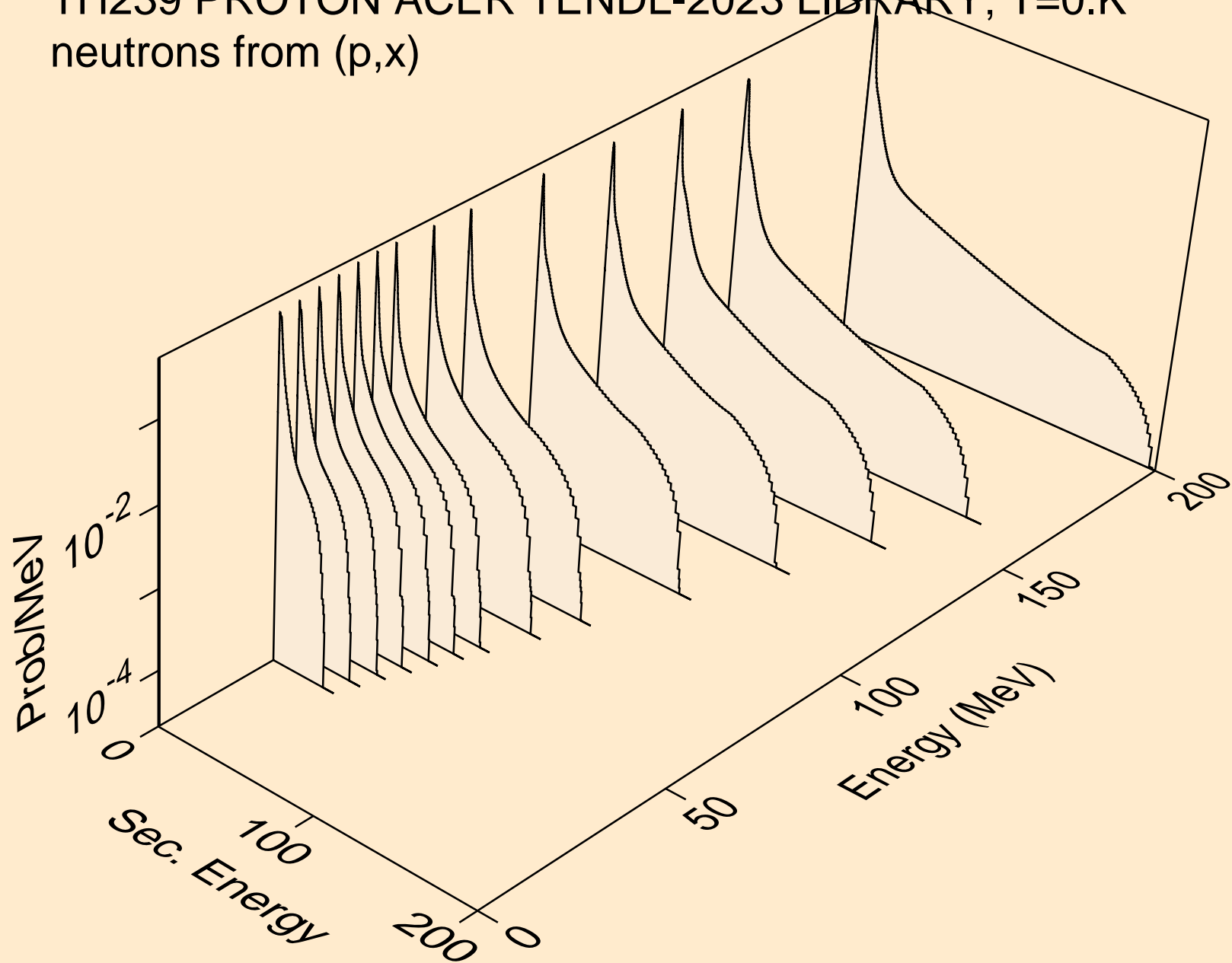
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



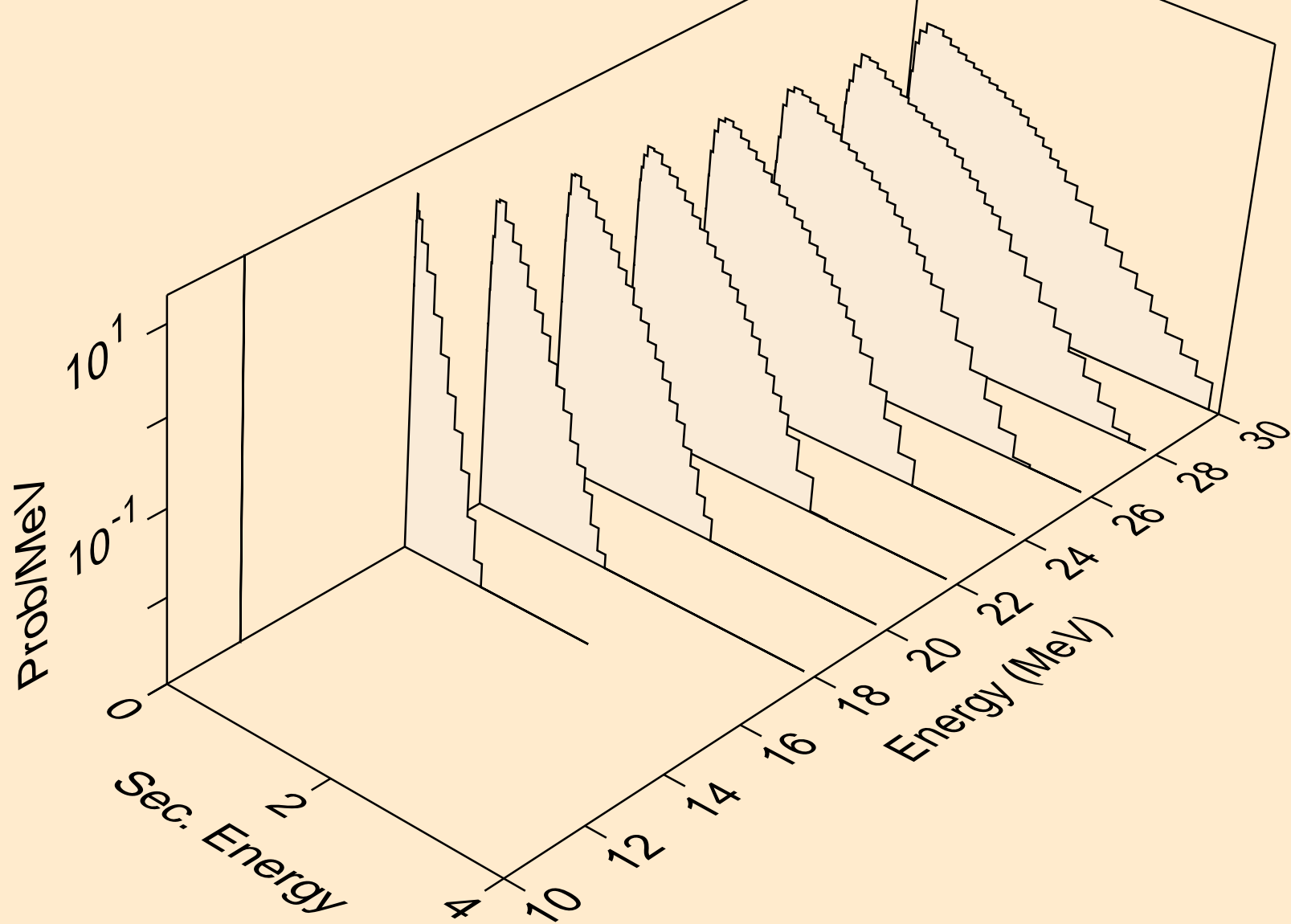
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



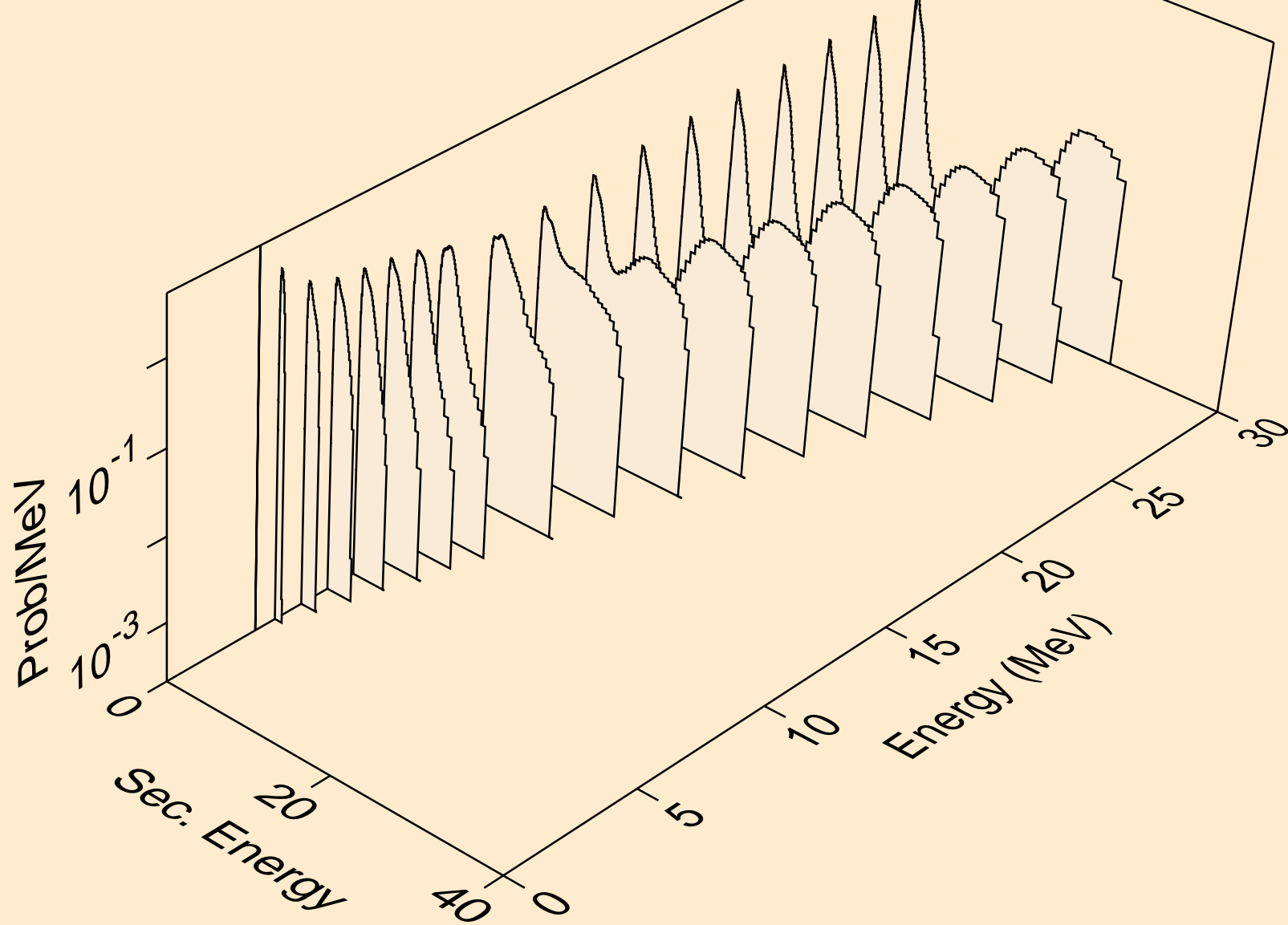
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



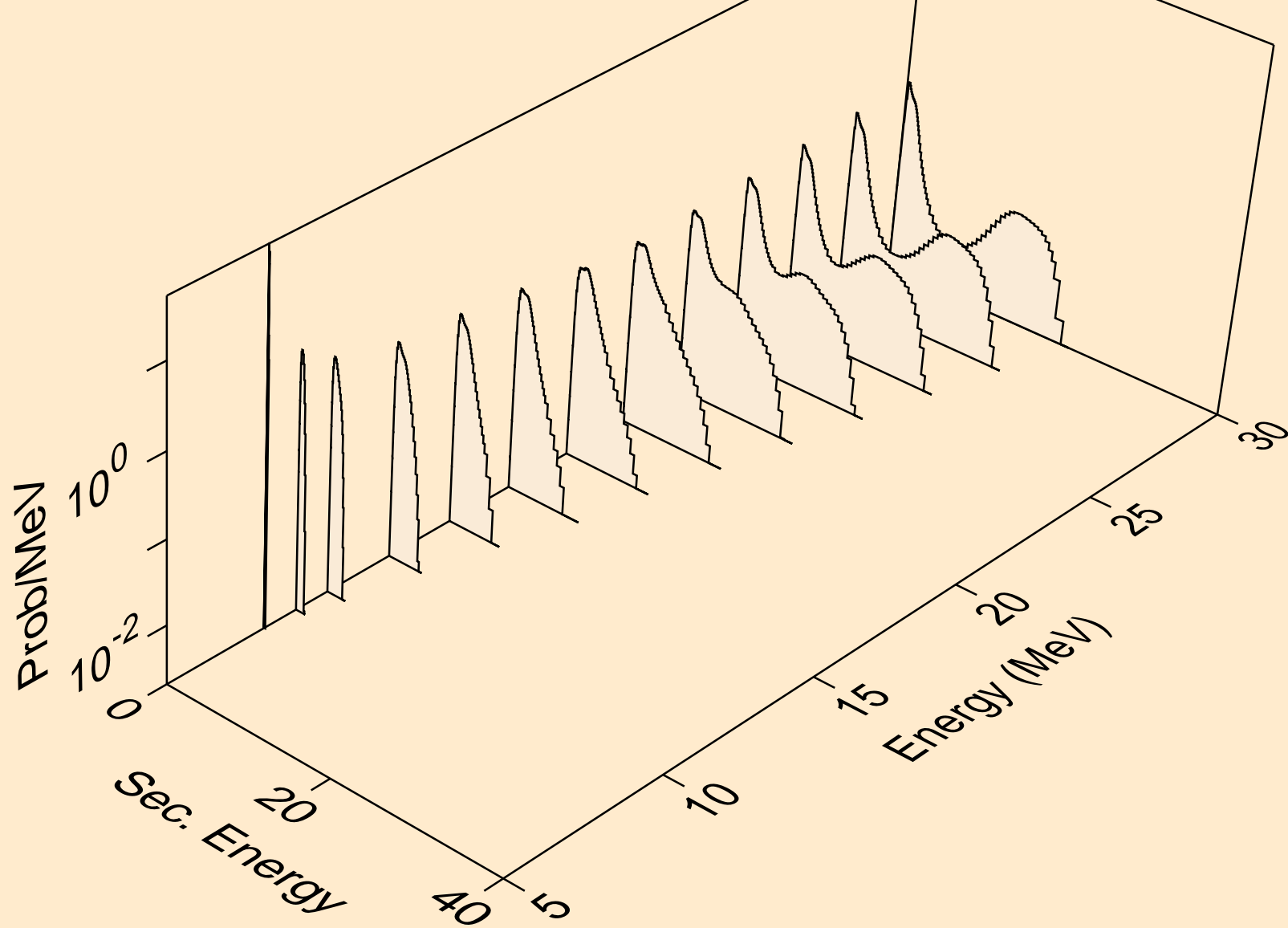
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2nd)



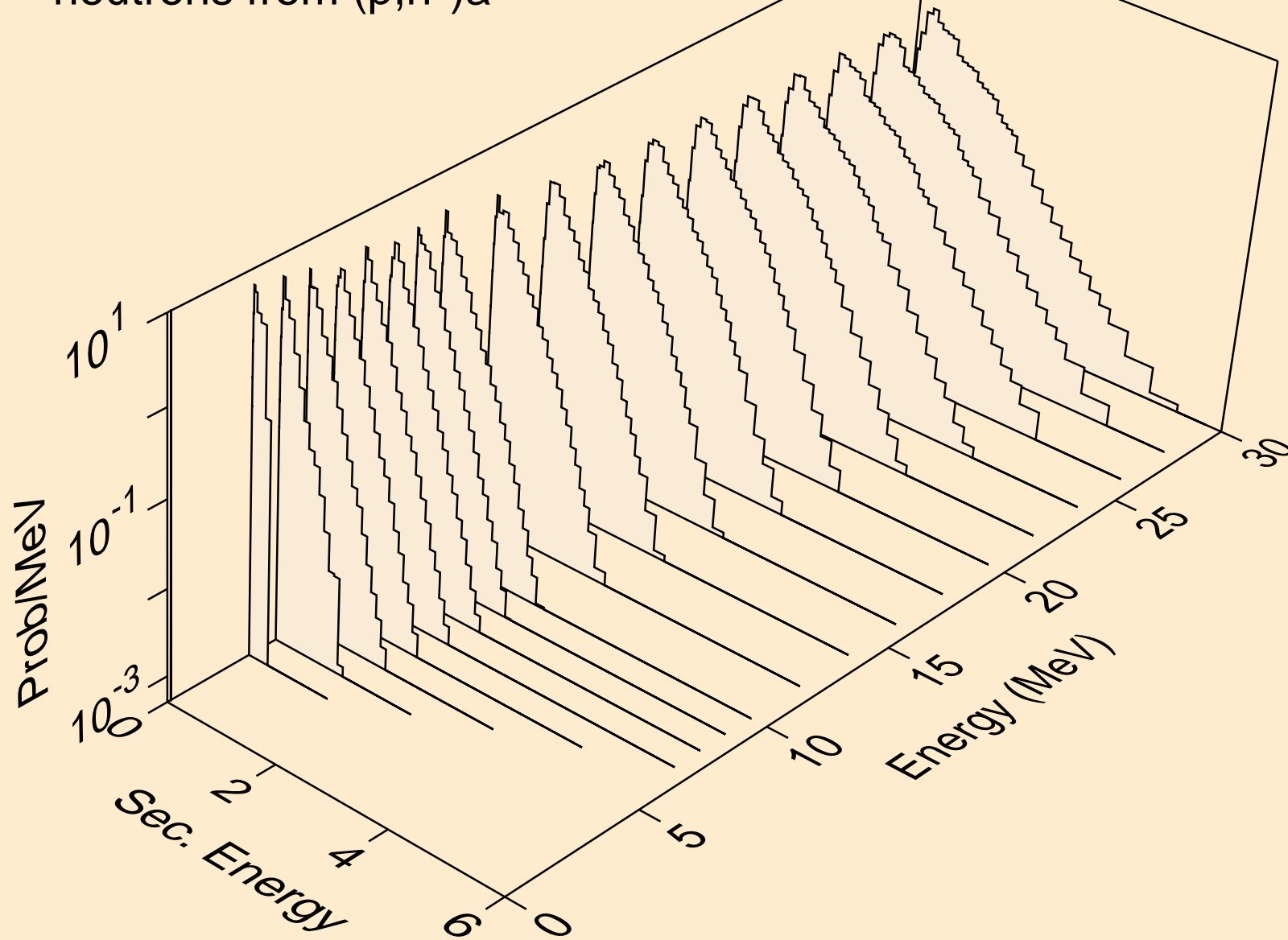
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



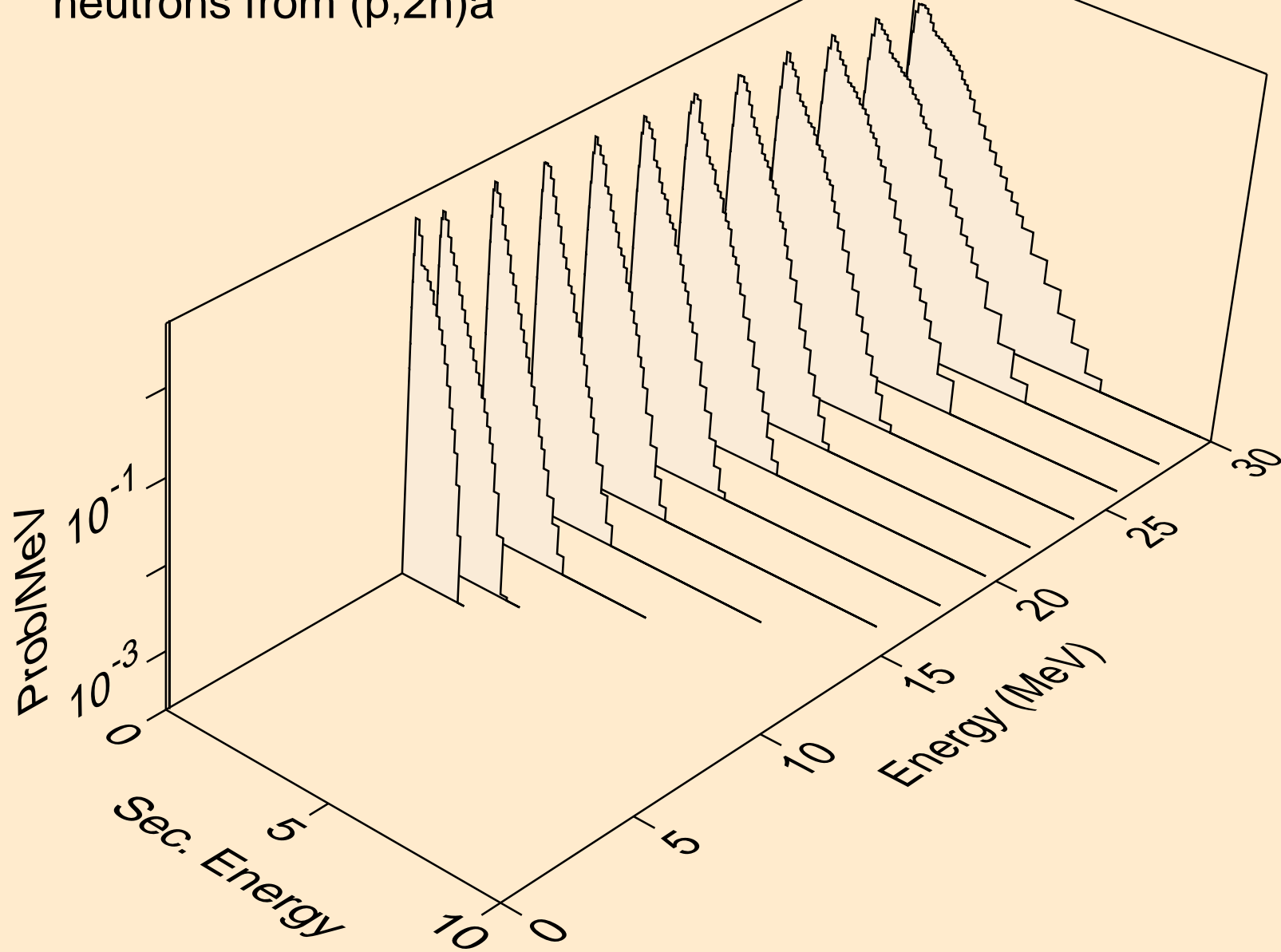
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



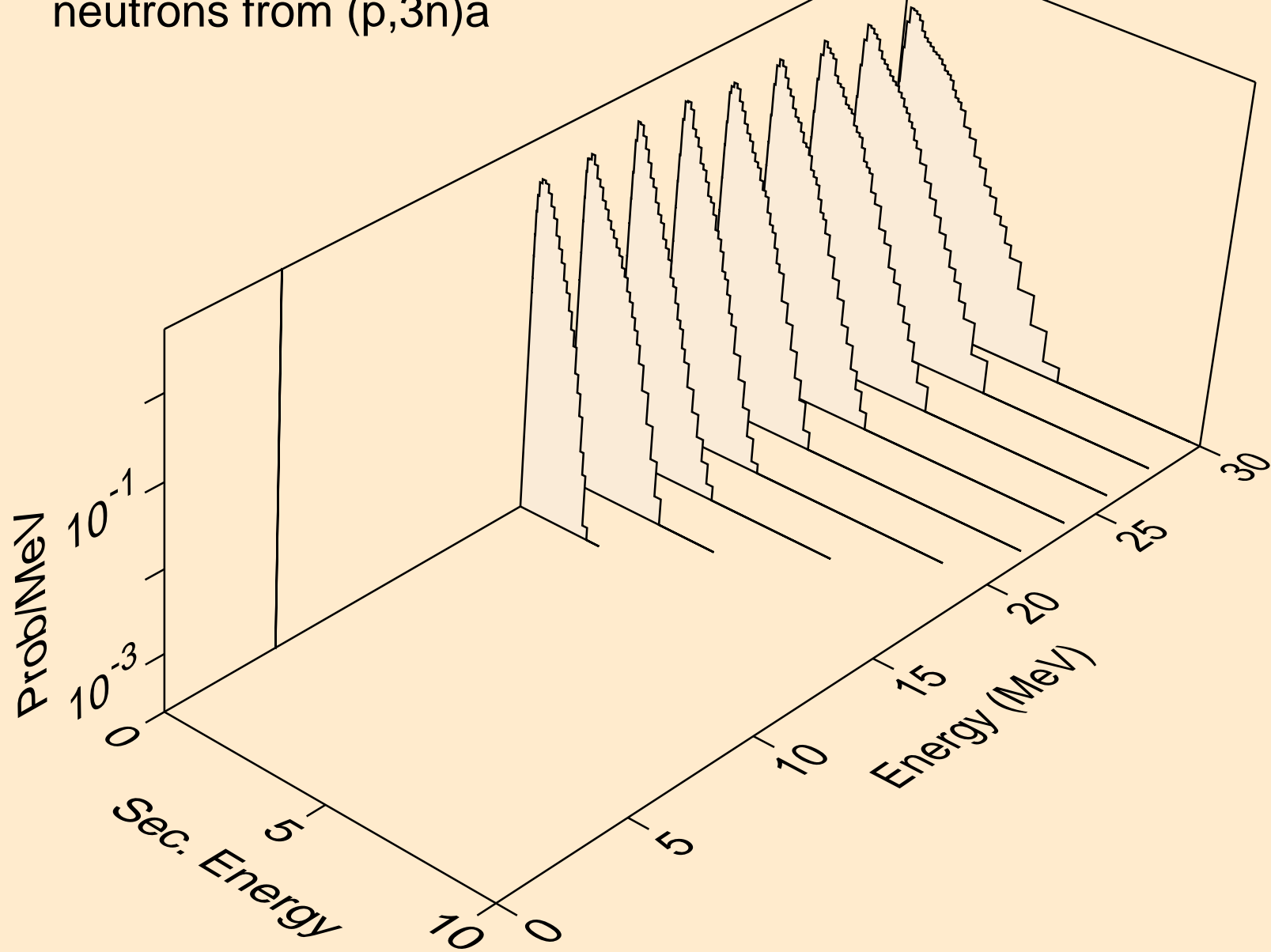
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)a



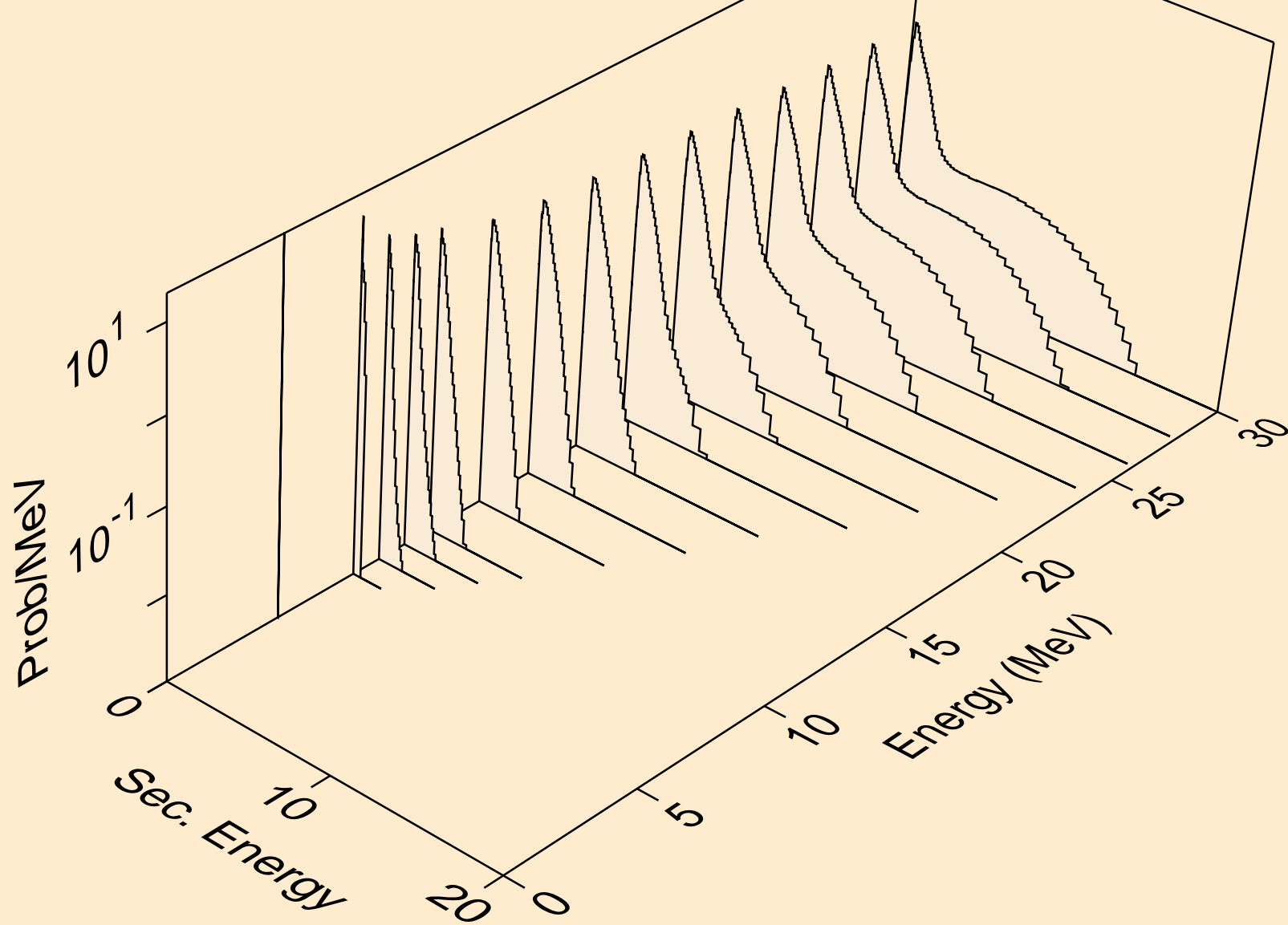
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



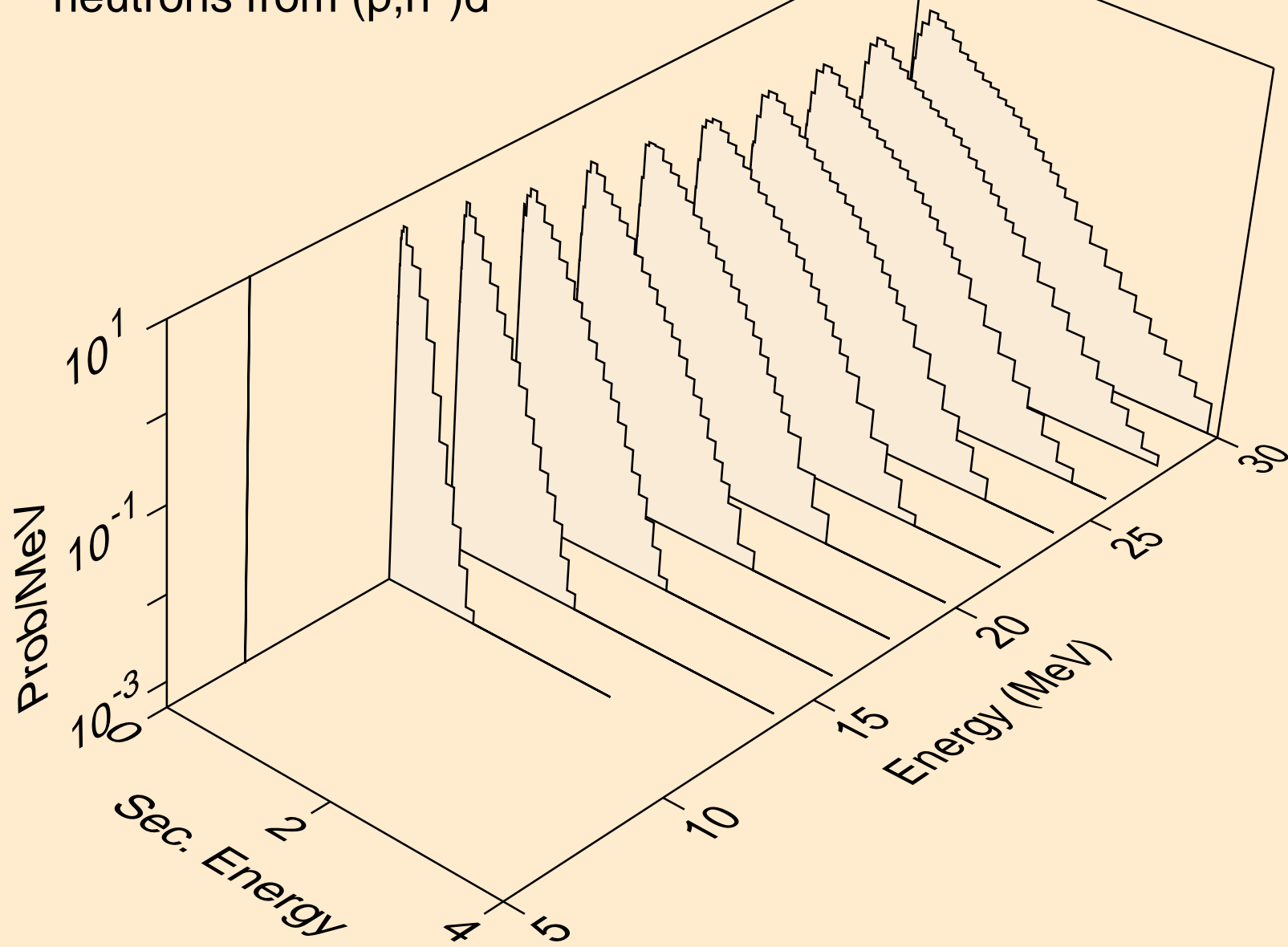
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)a



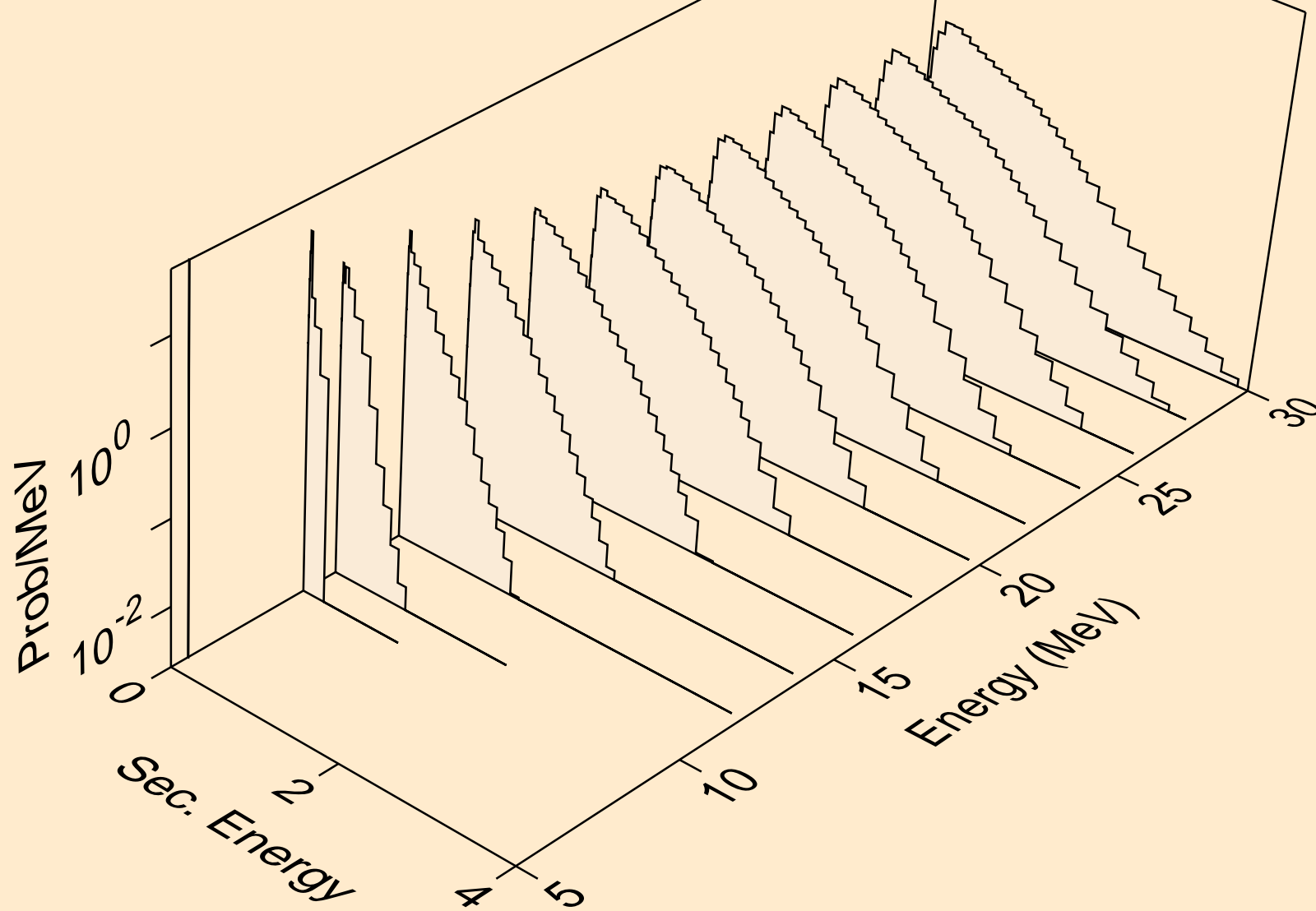
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)p



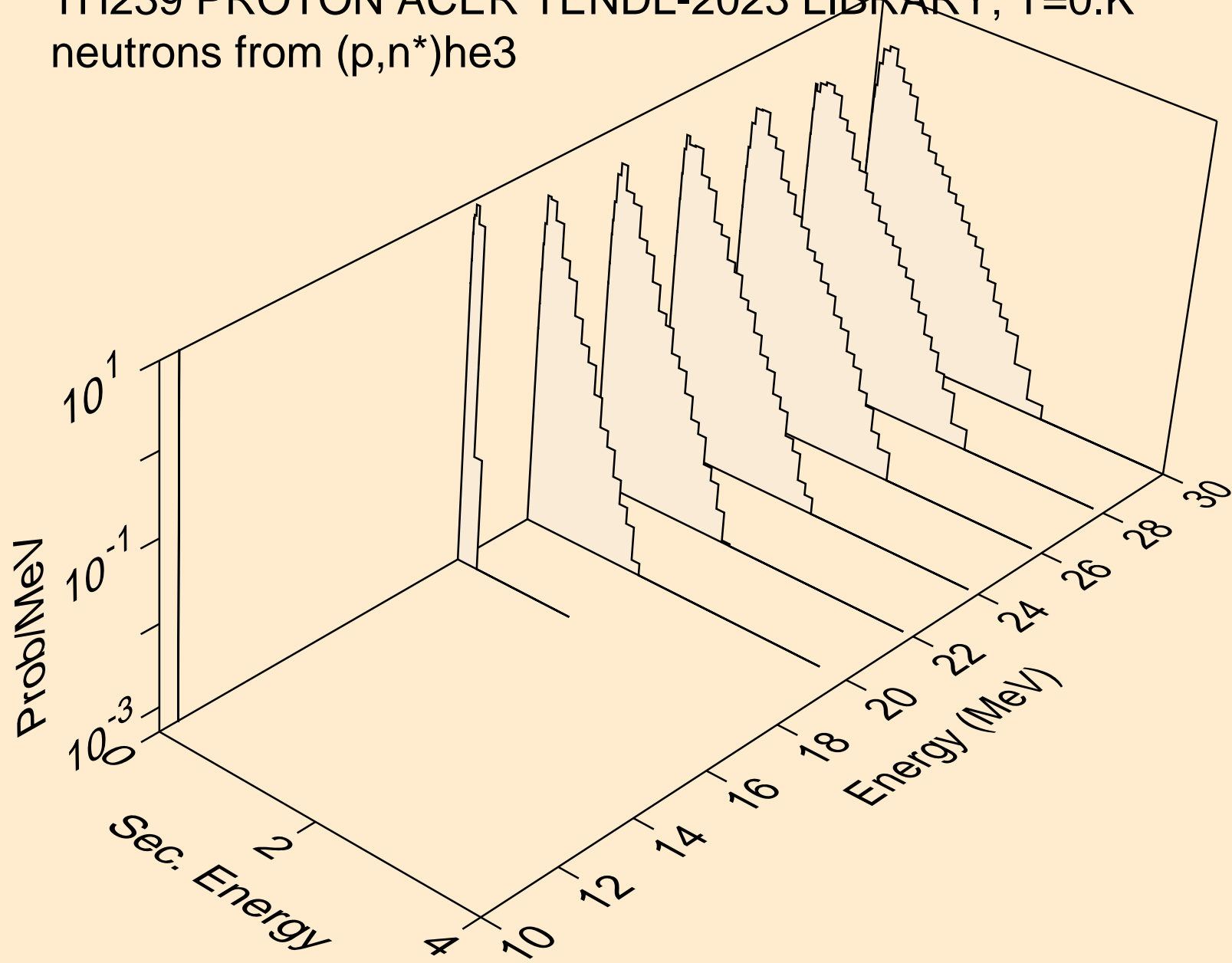
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)d



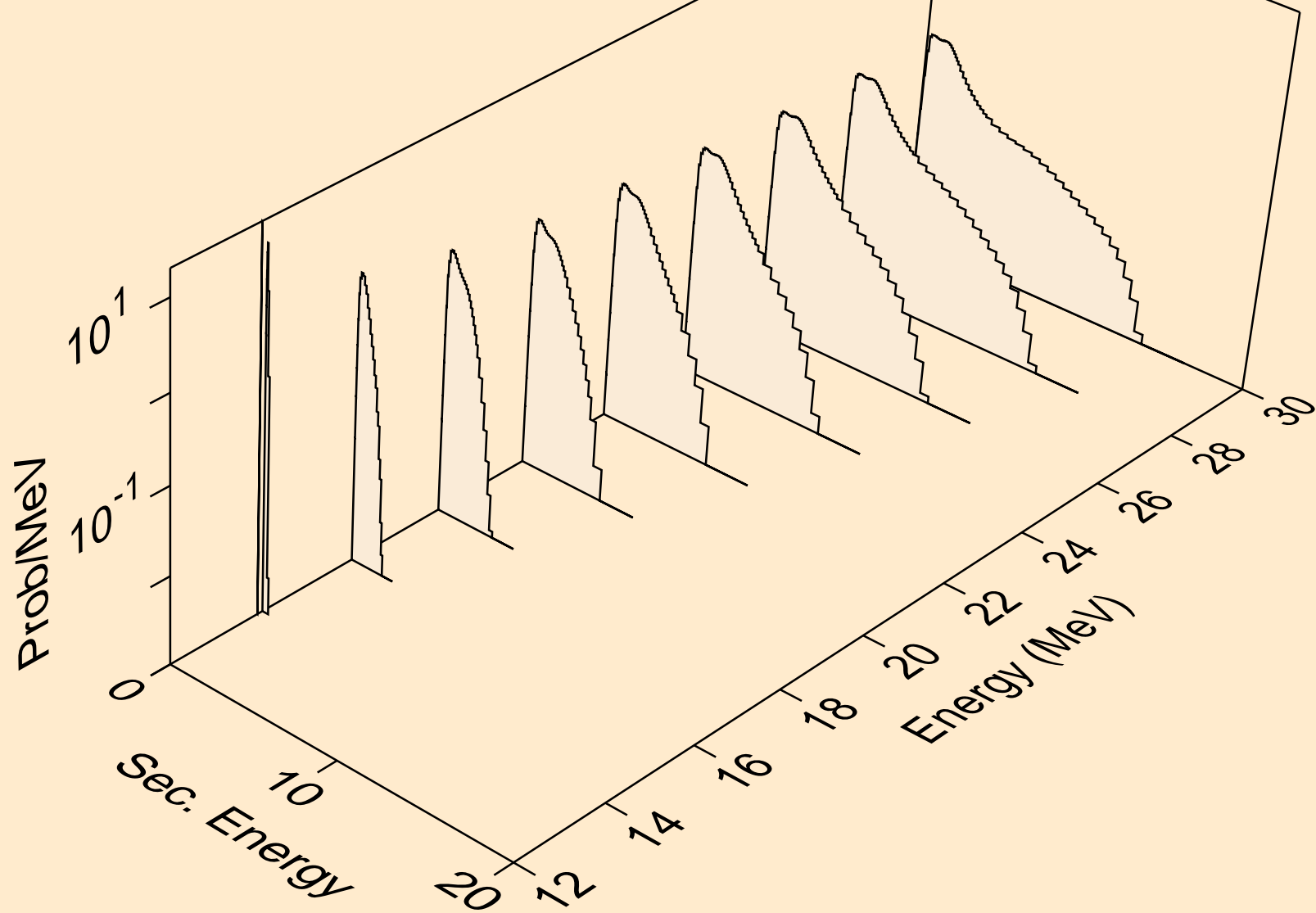
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t



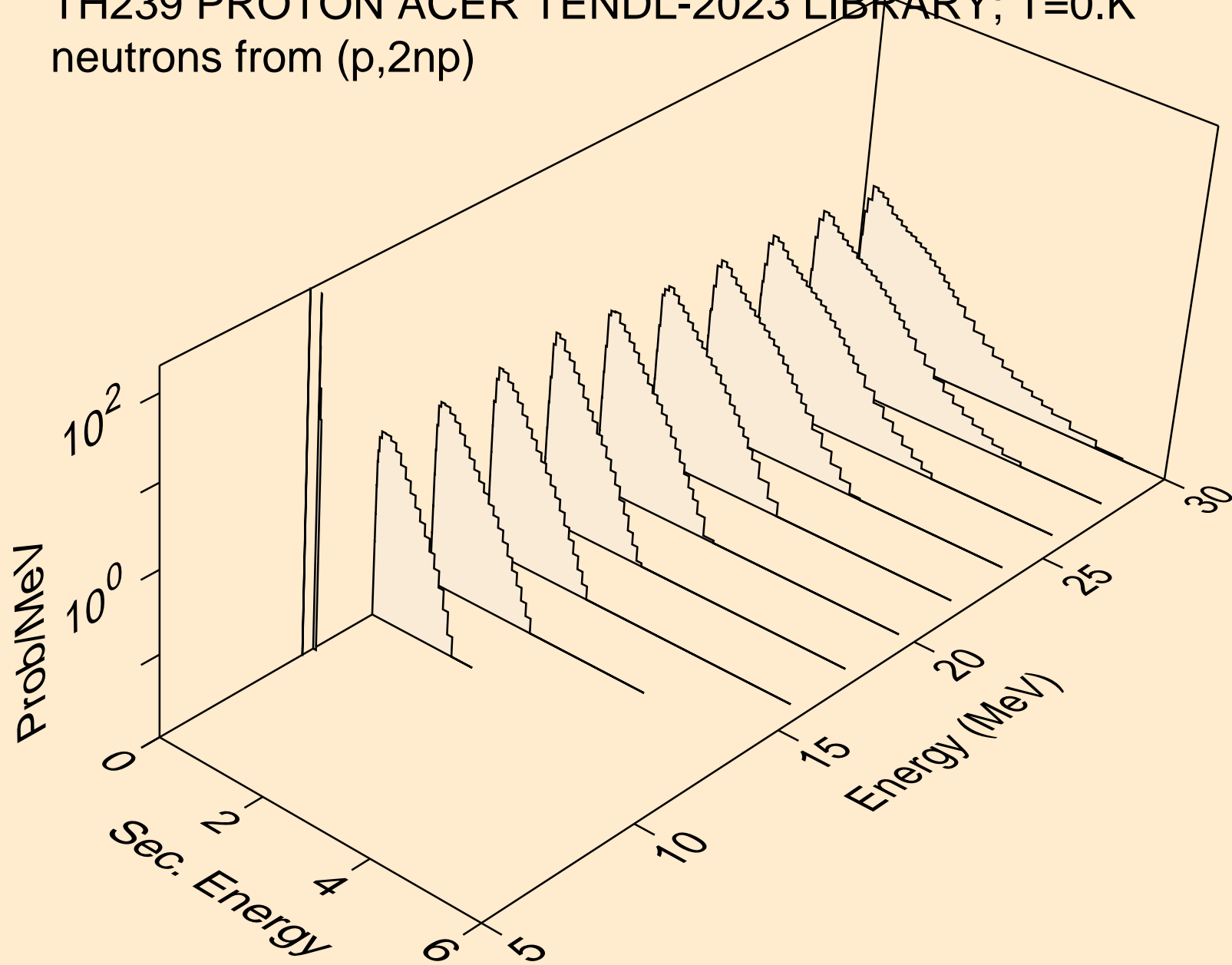
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



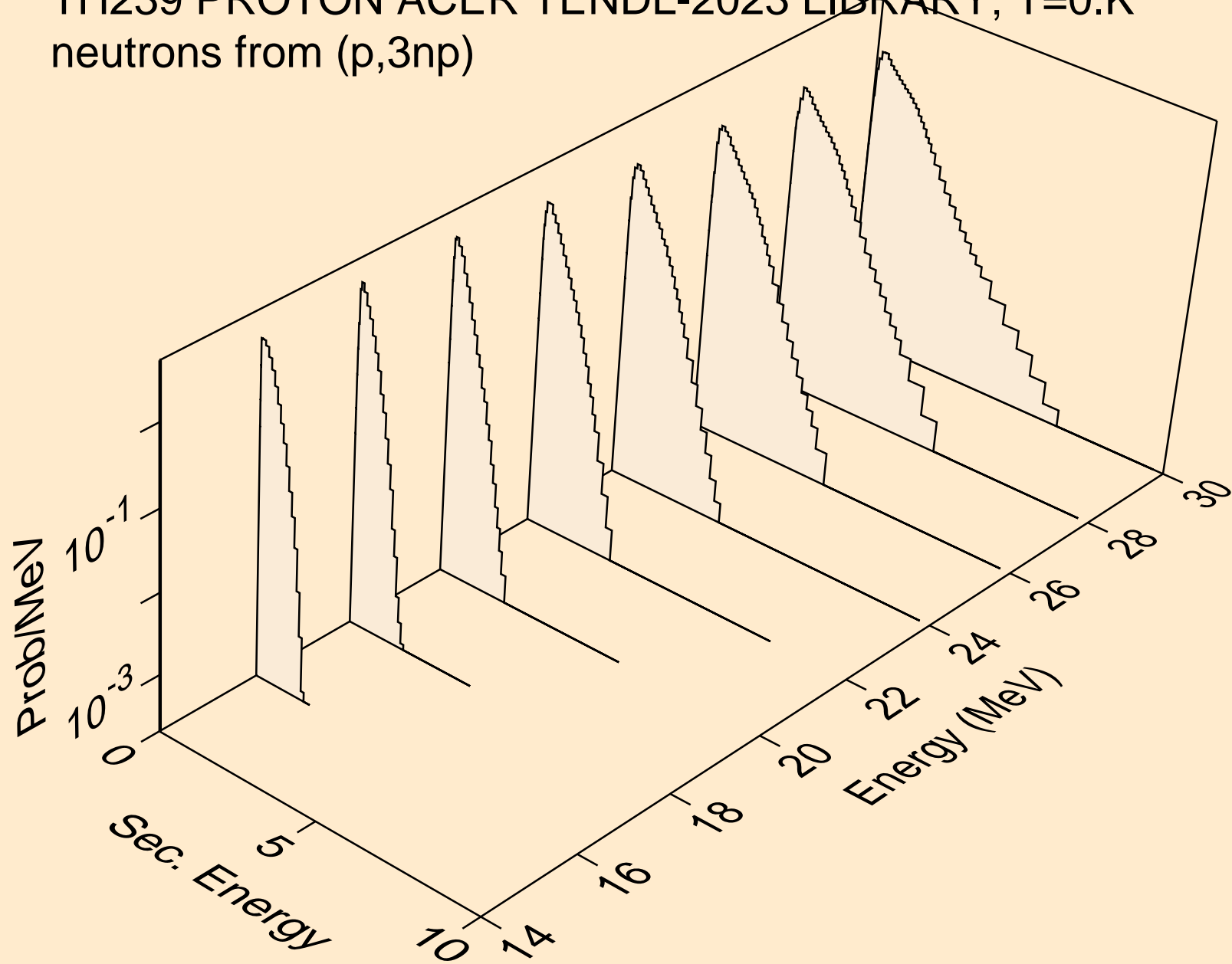
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,4n)



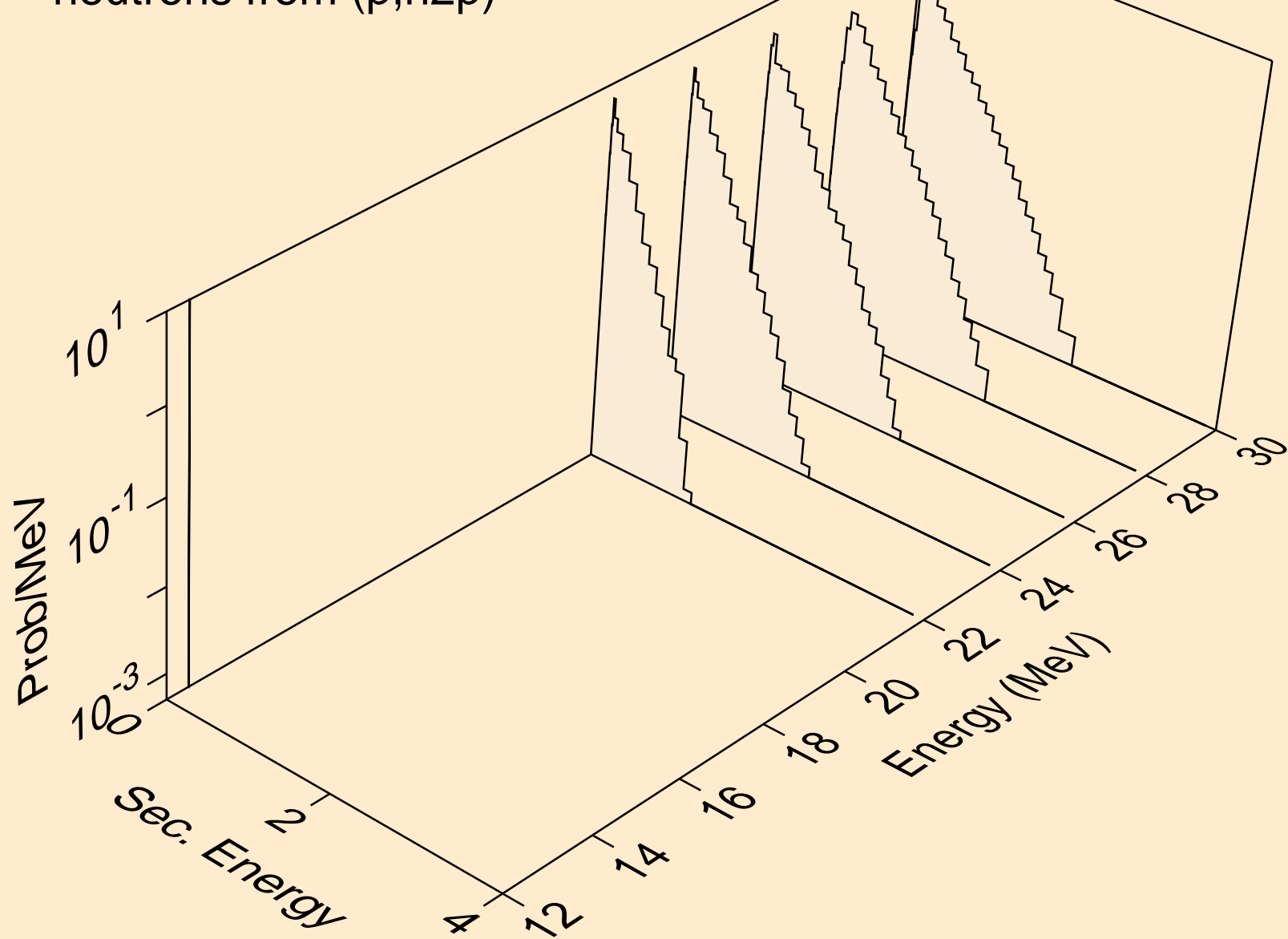
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2np)



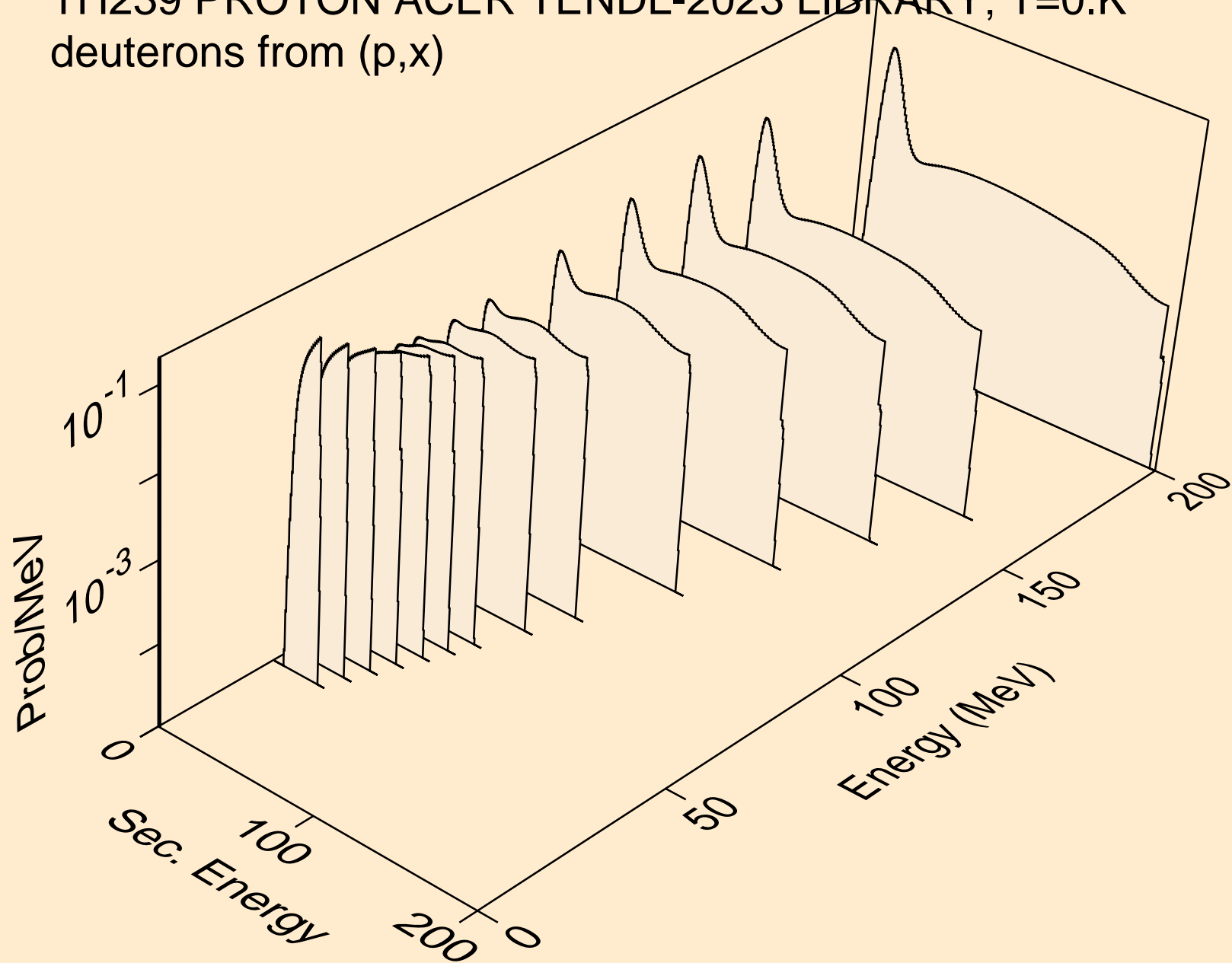
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3np)



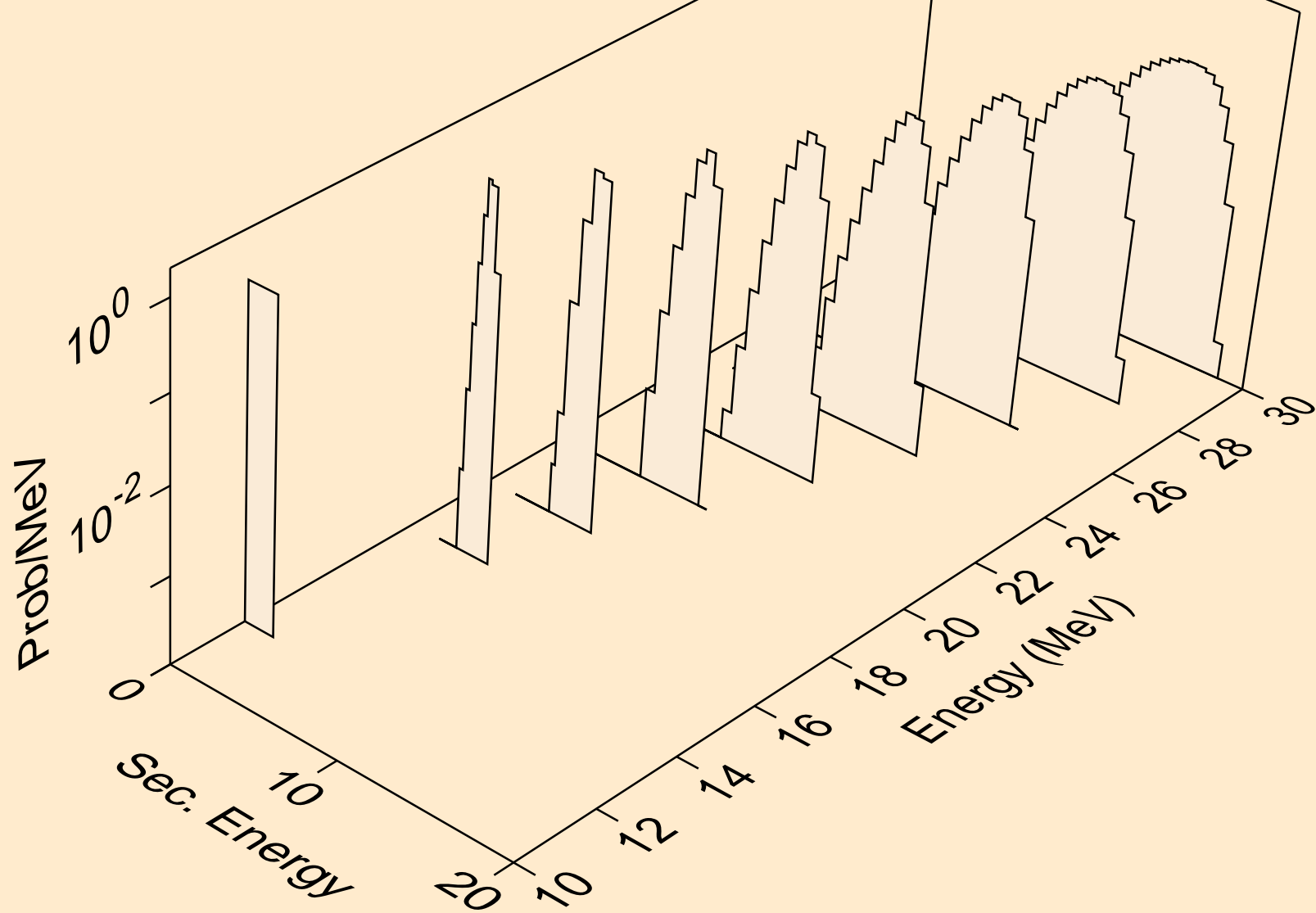
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n2p)



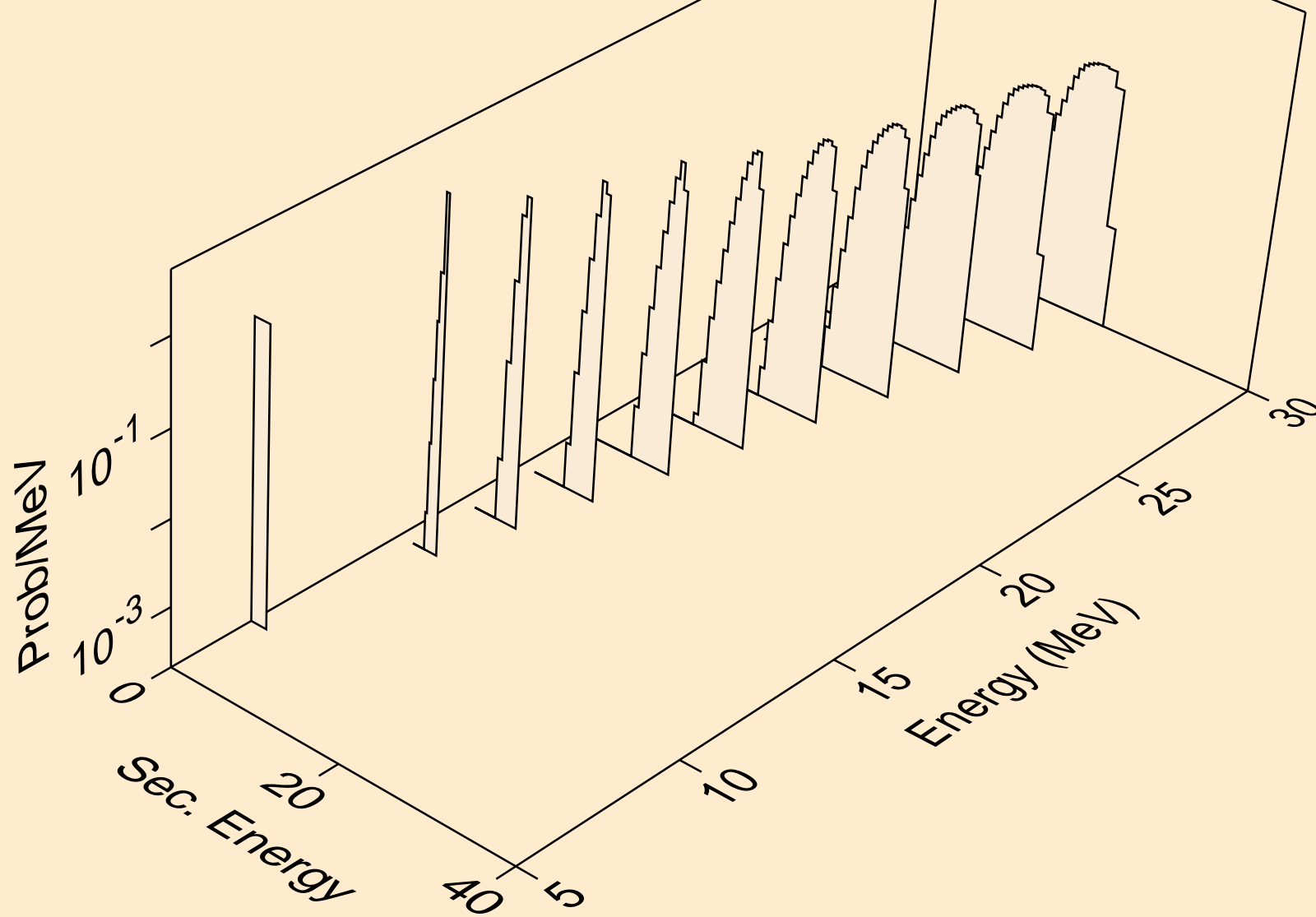
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



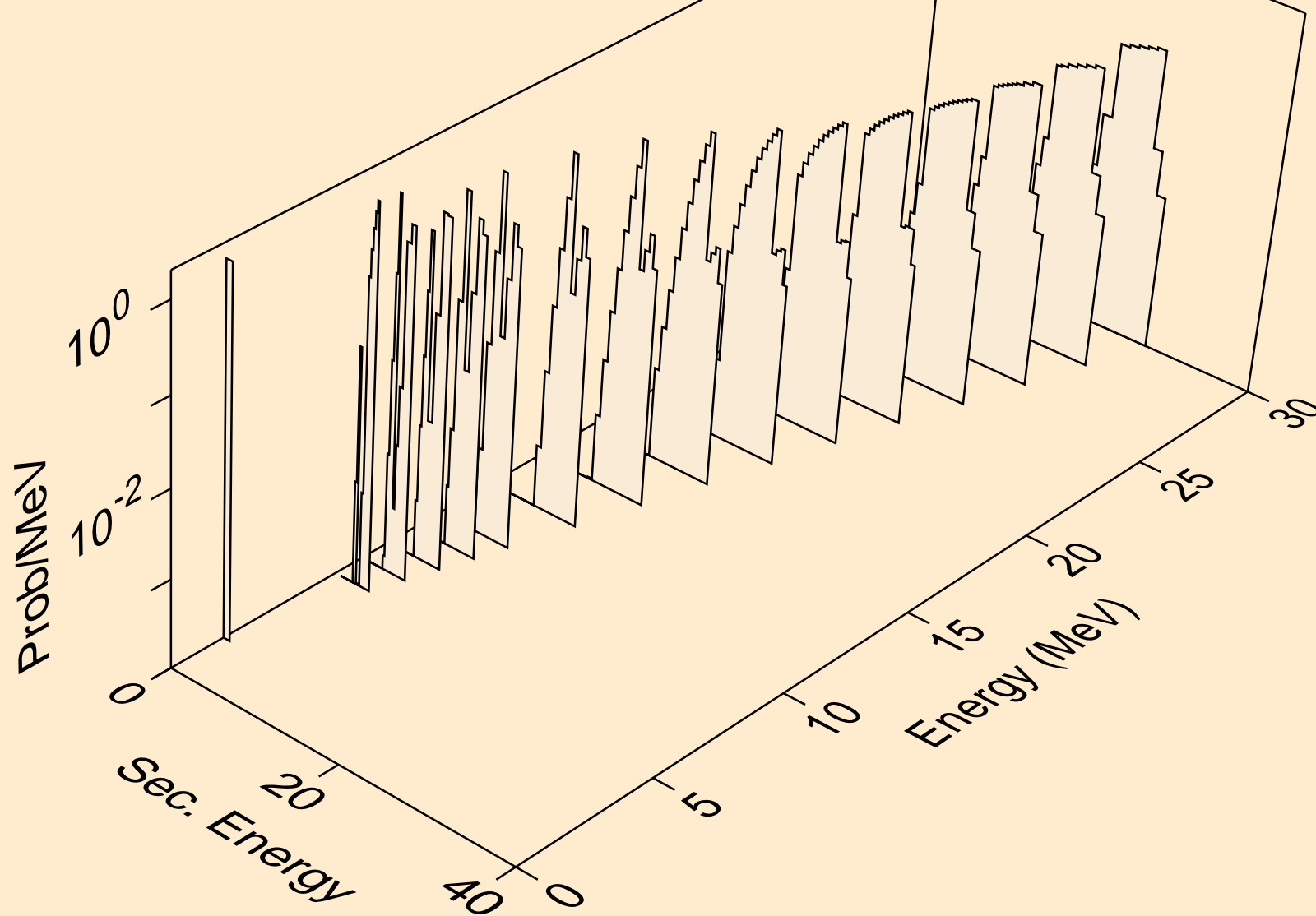
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,2nd)



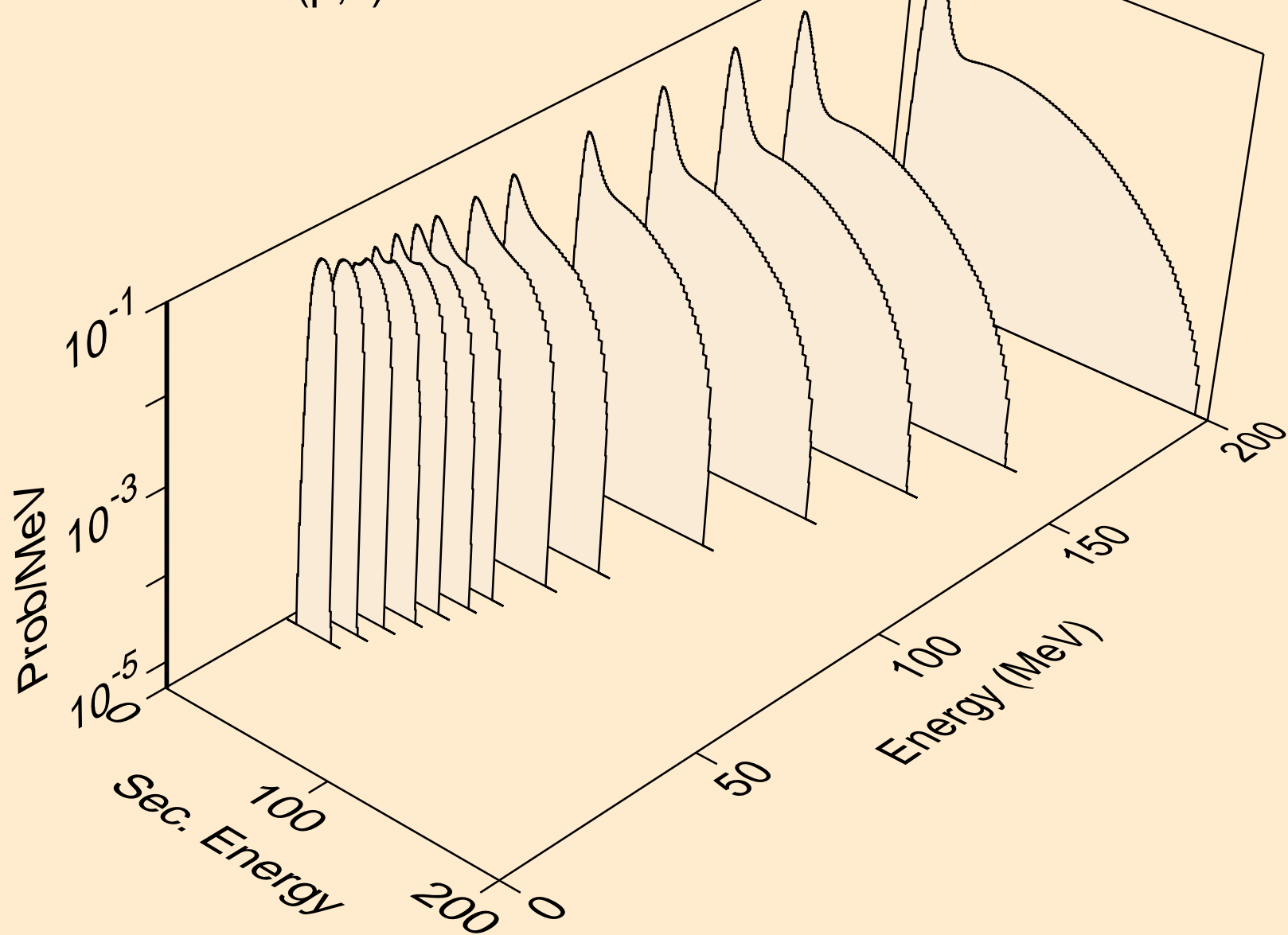
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,n*)d



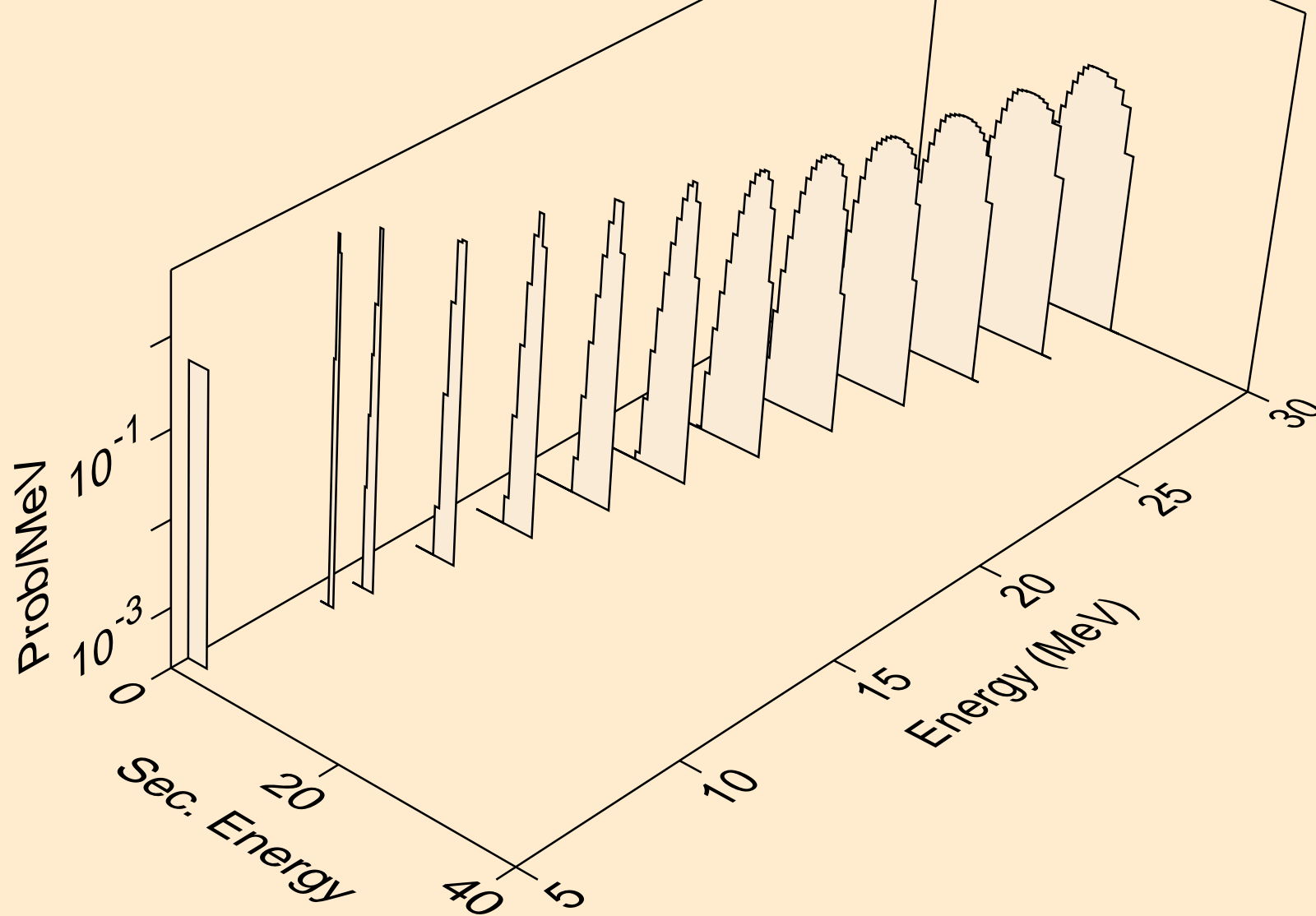
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,d)



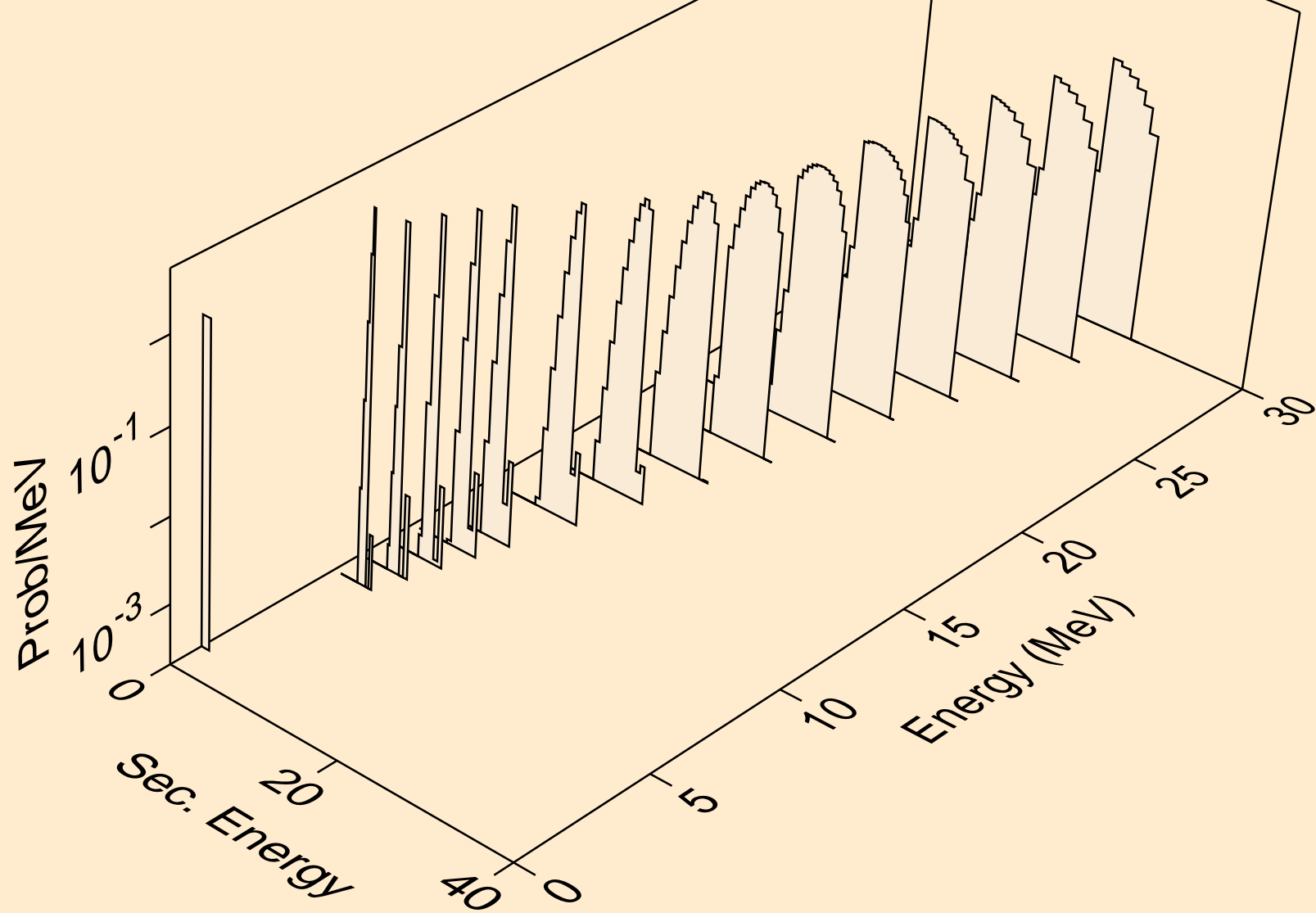
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



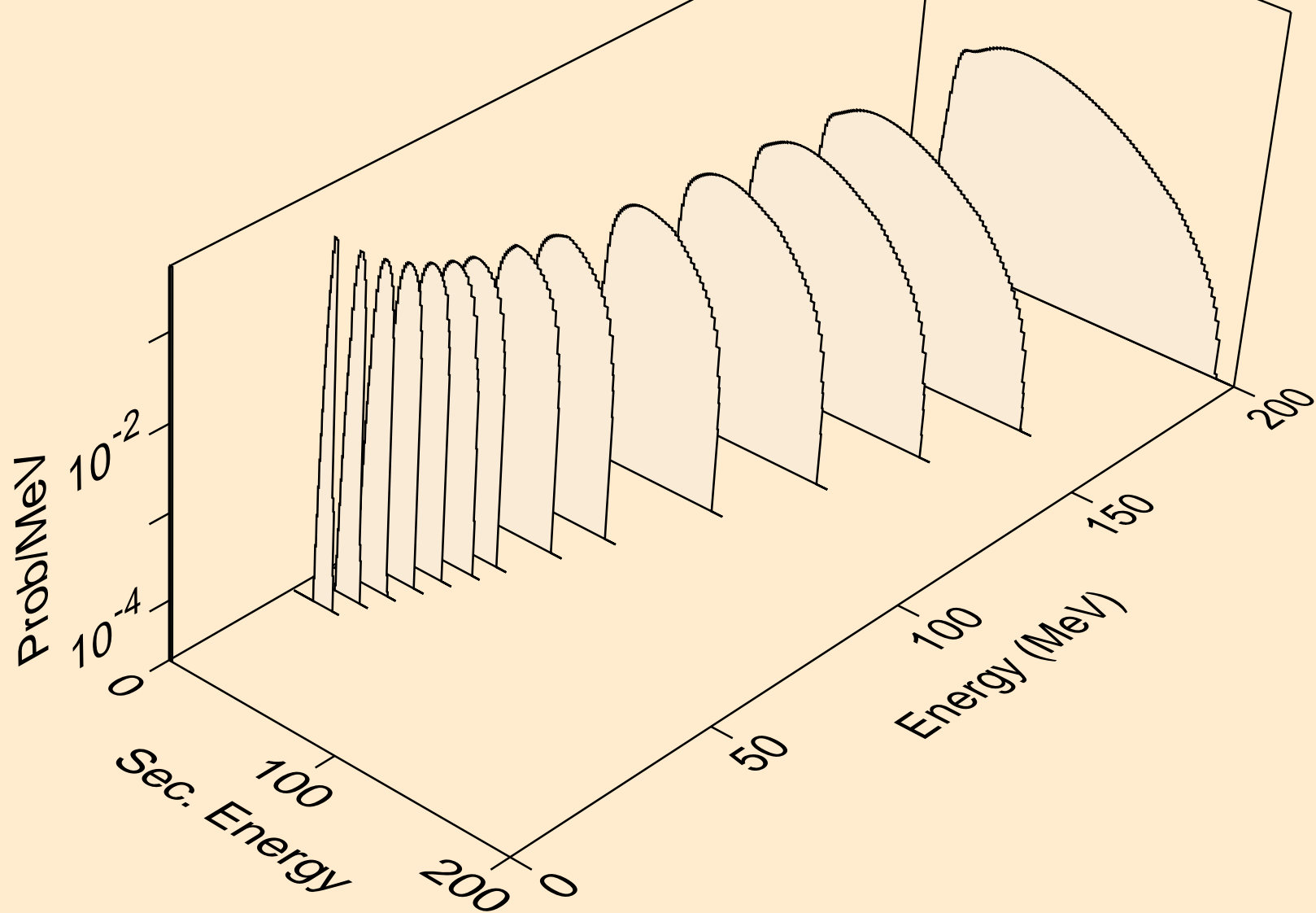
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t



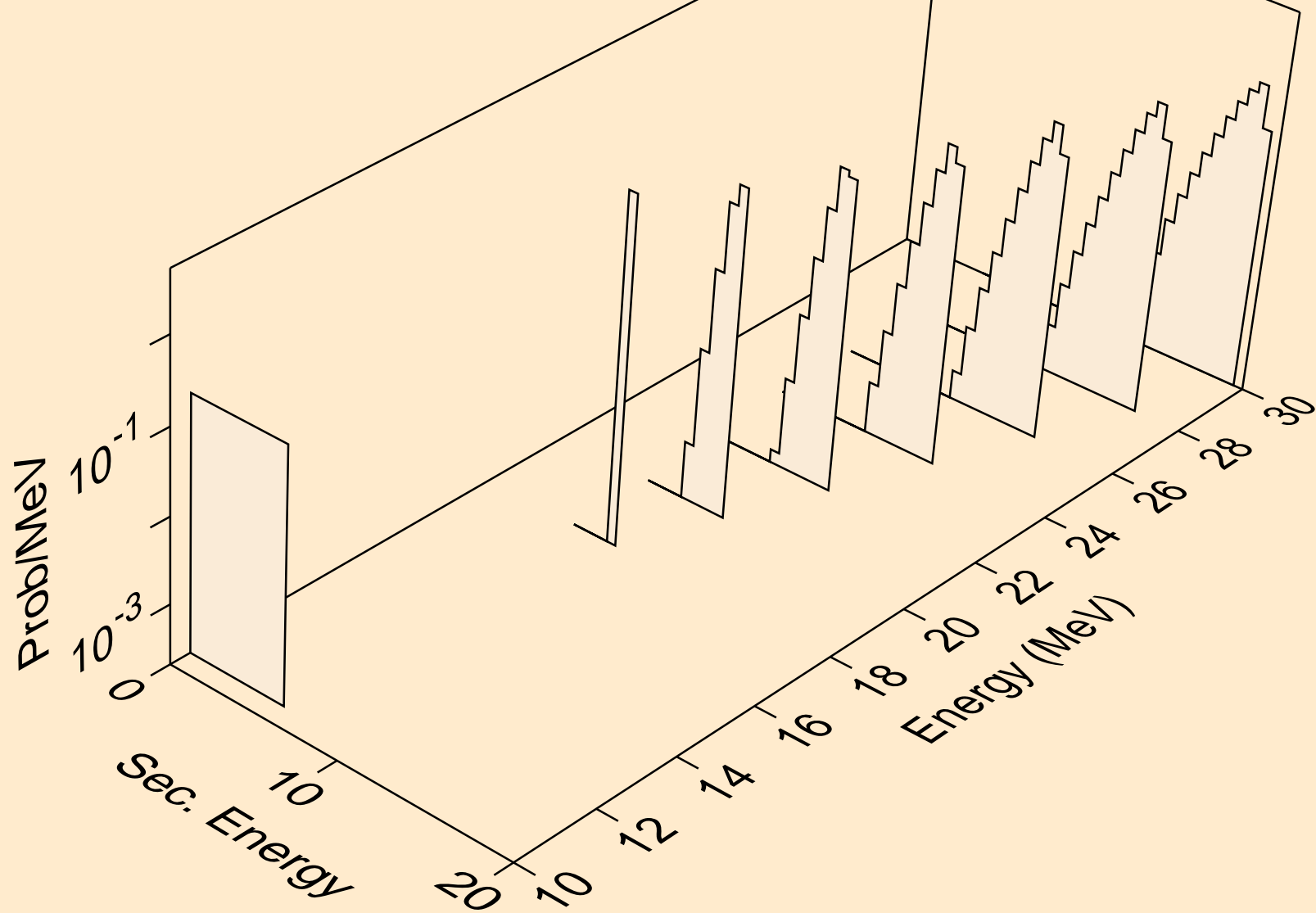
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



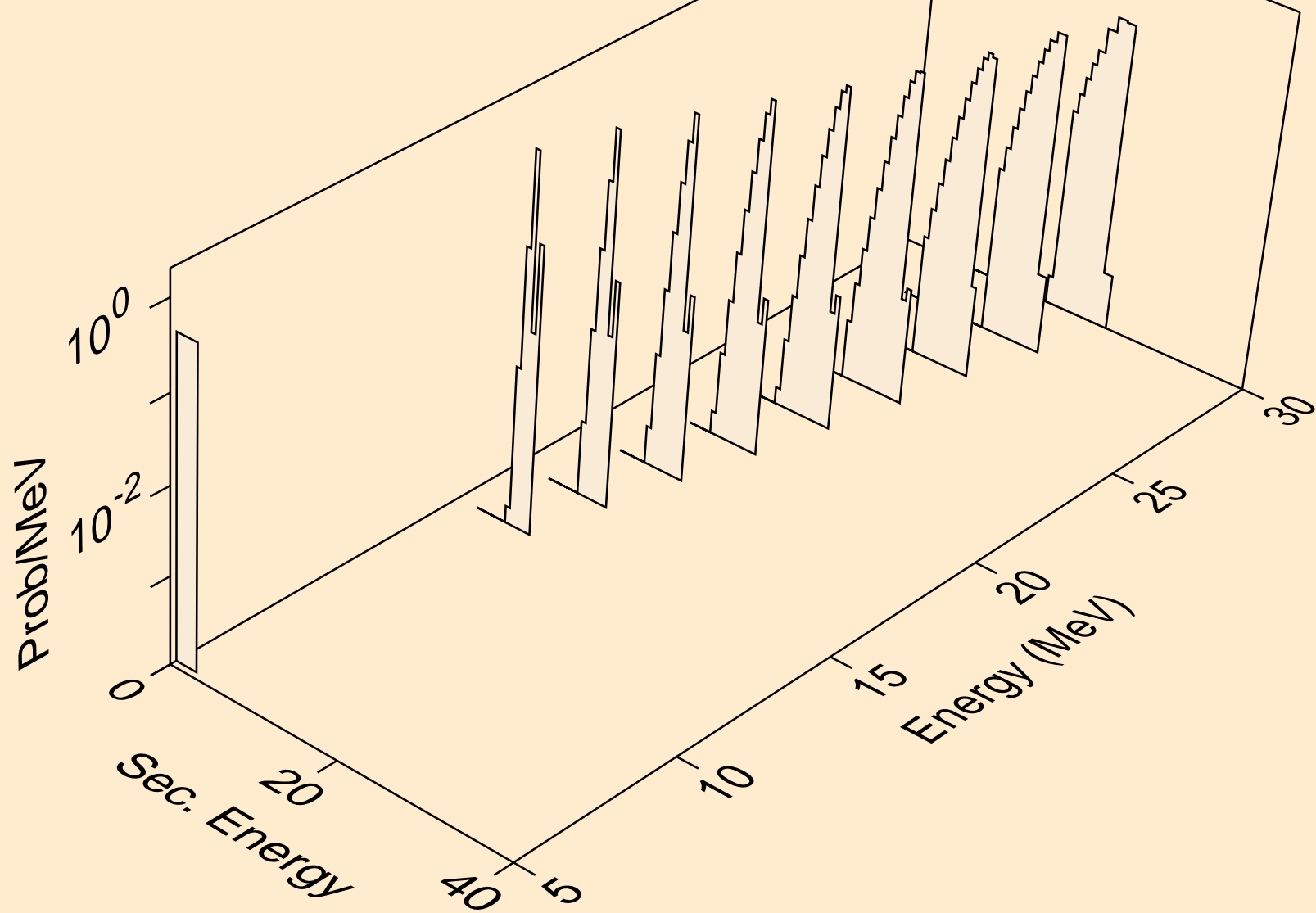
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



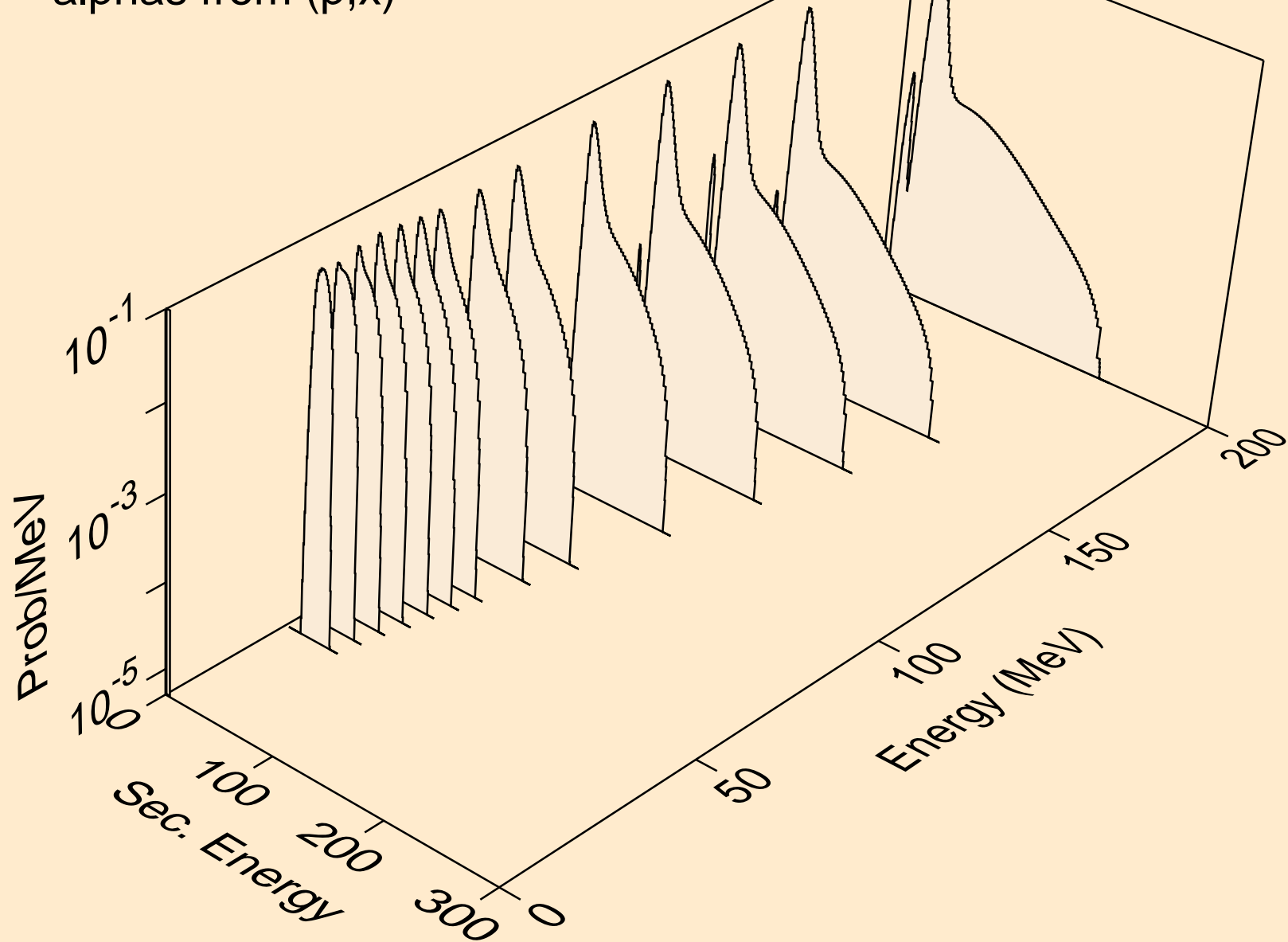
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



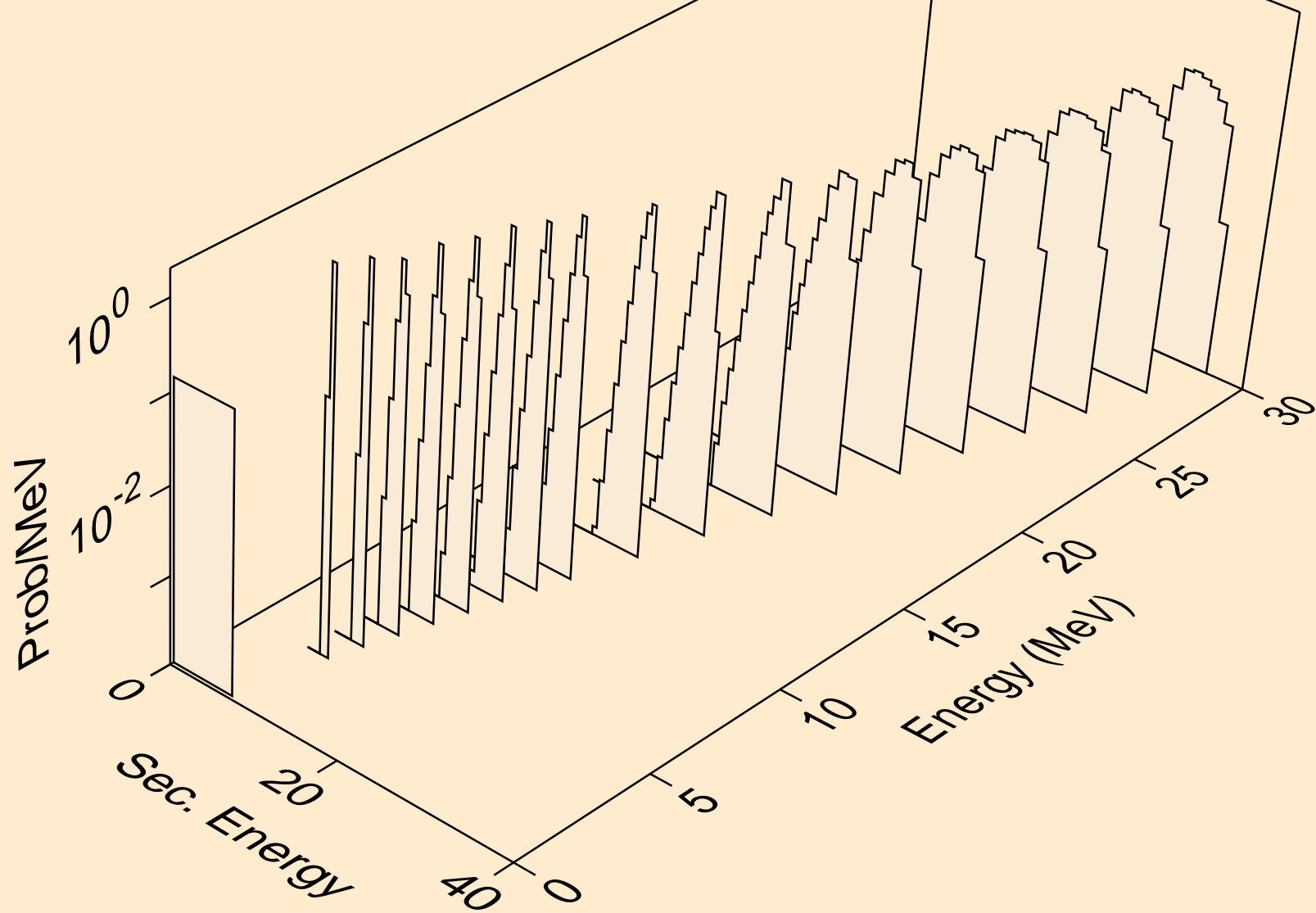
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



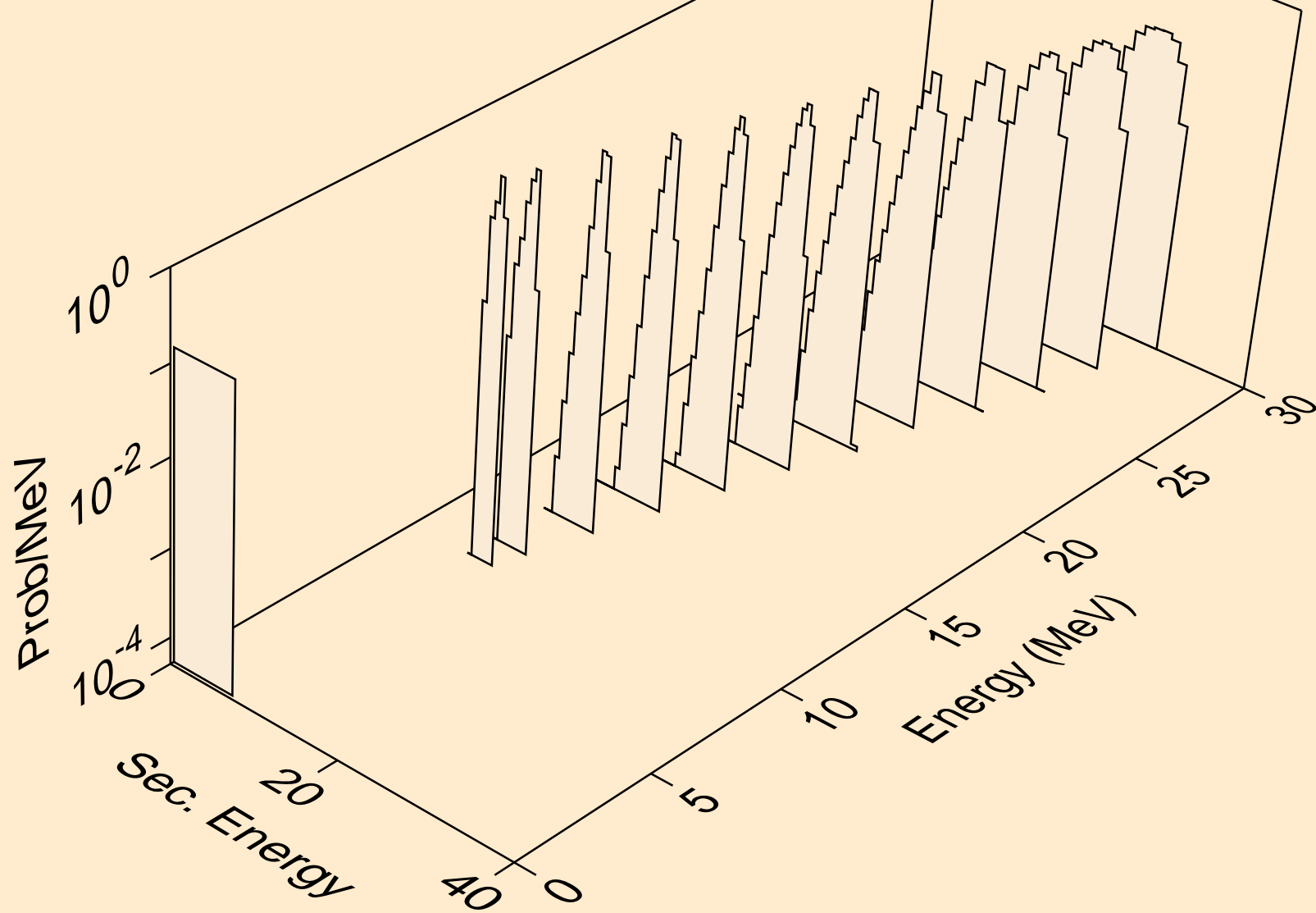
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



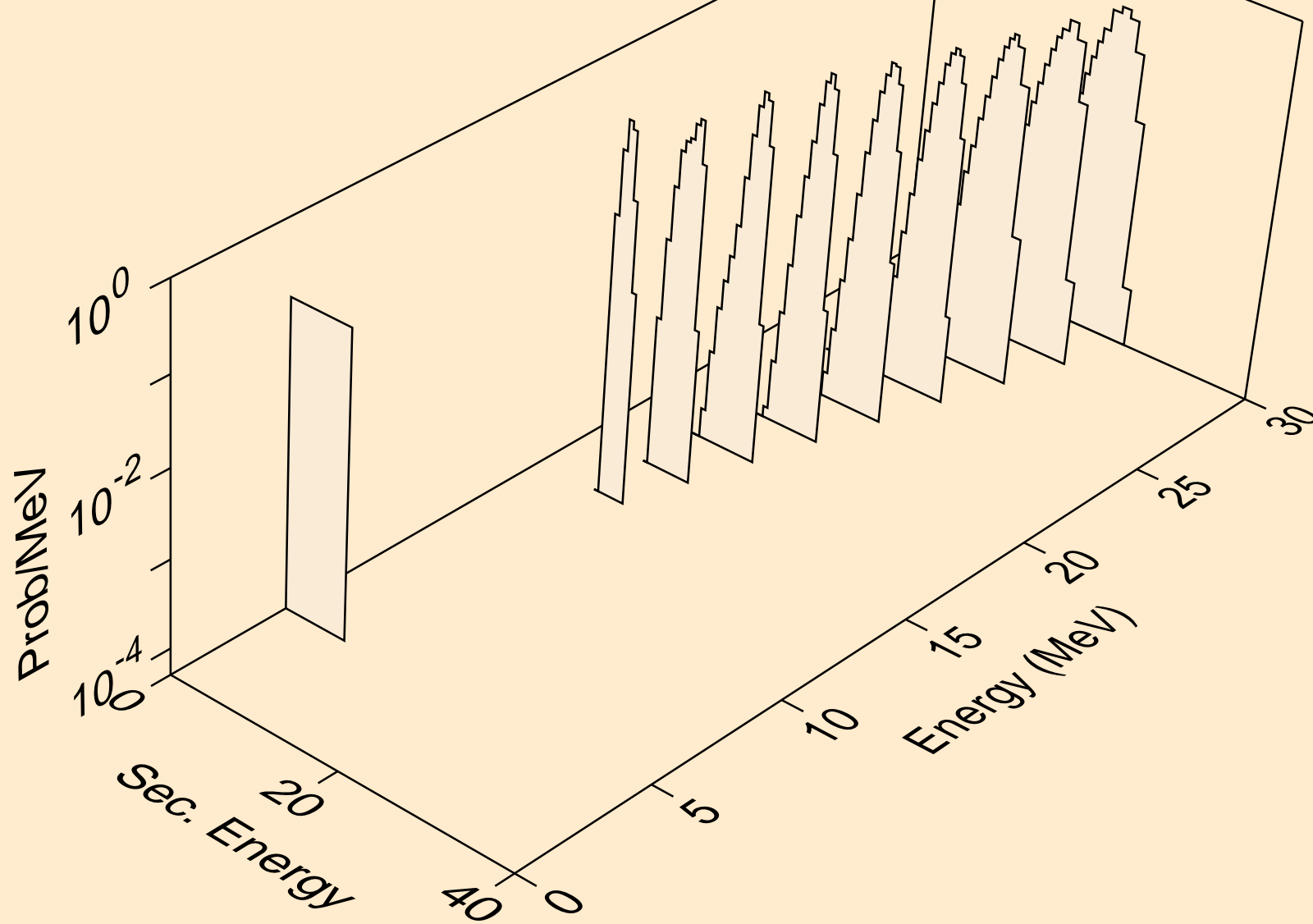
TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



TH239 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)

