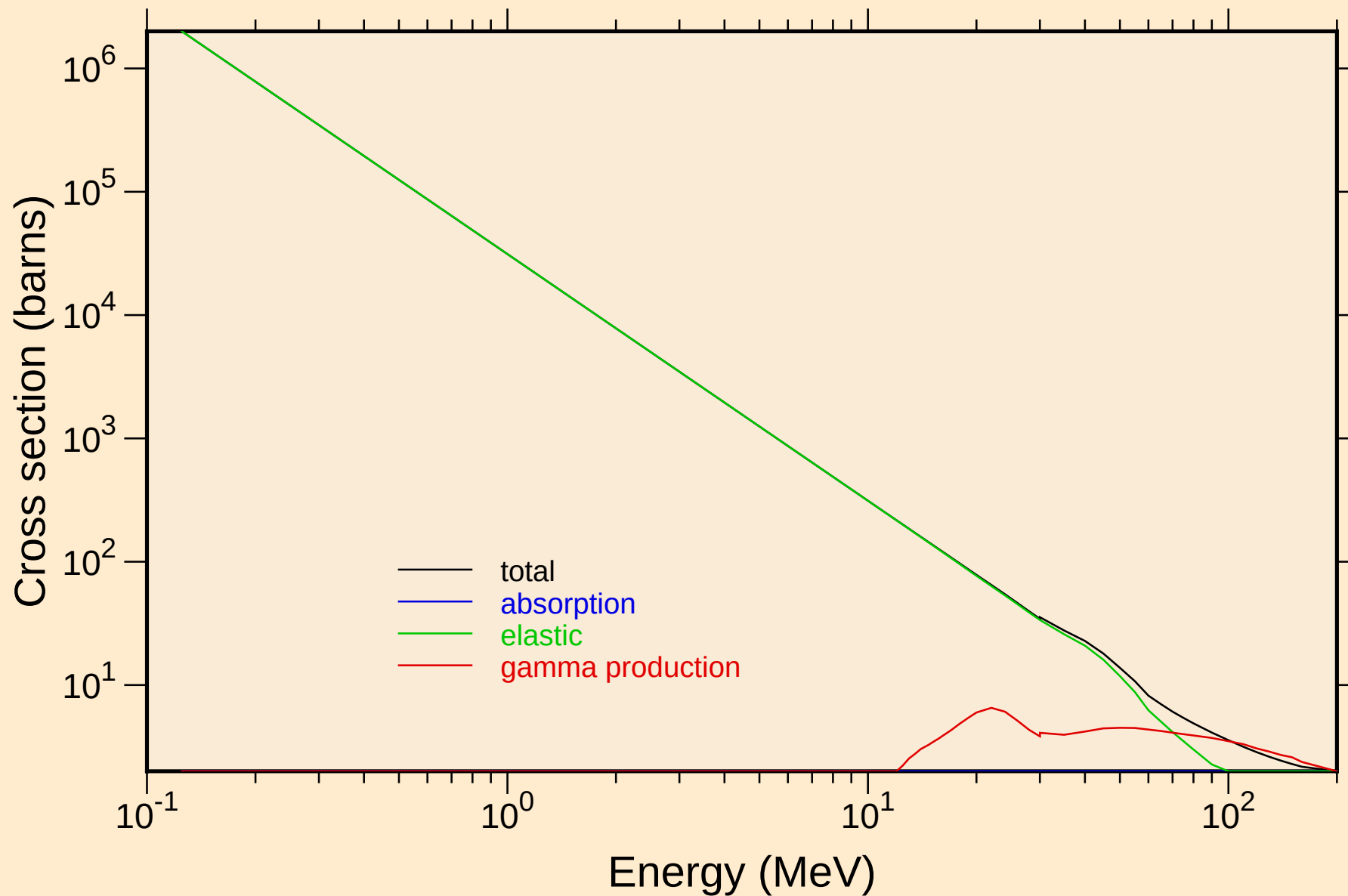


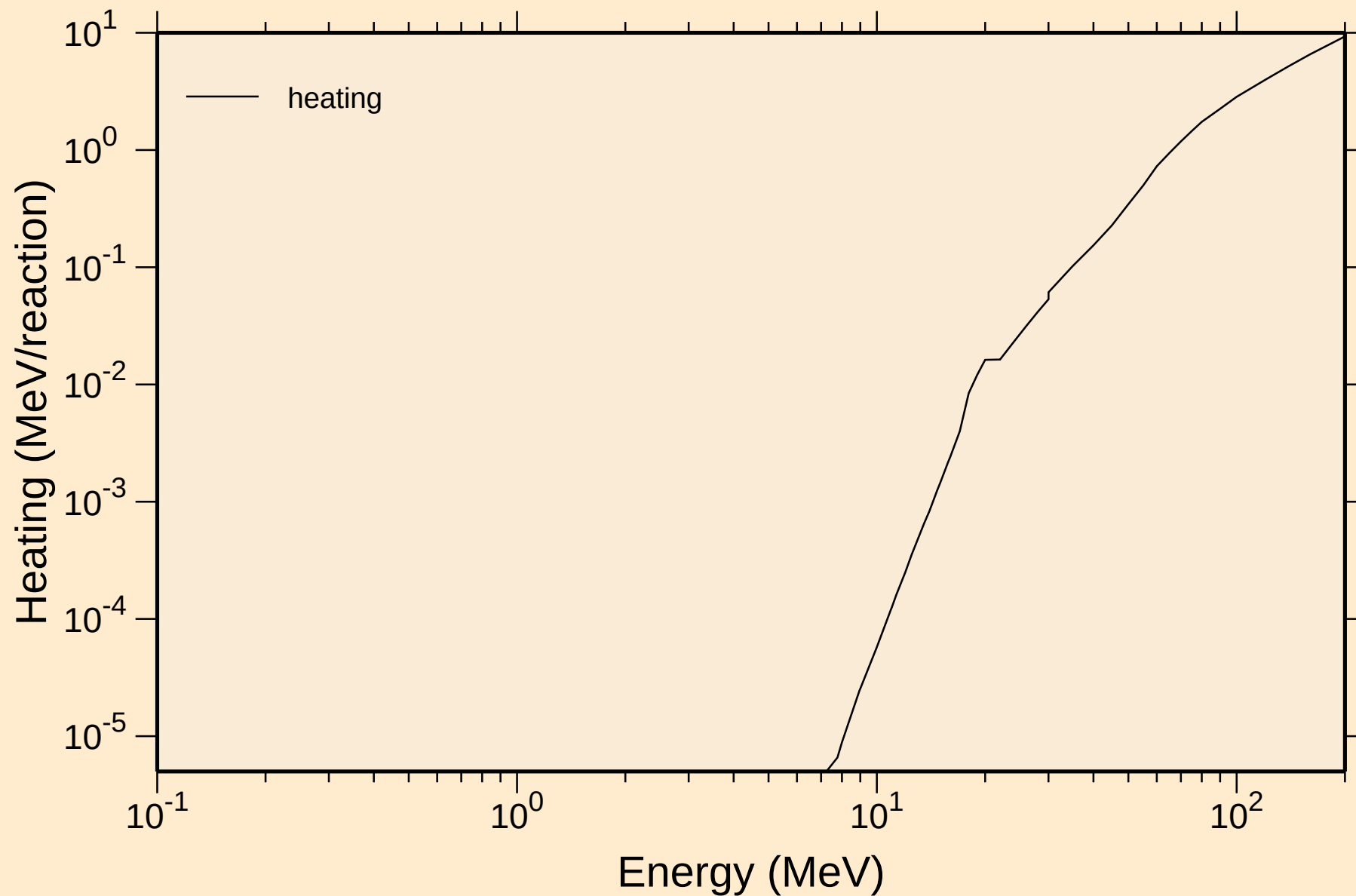
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



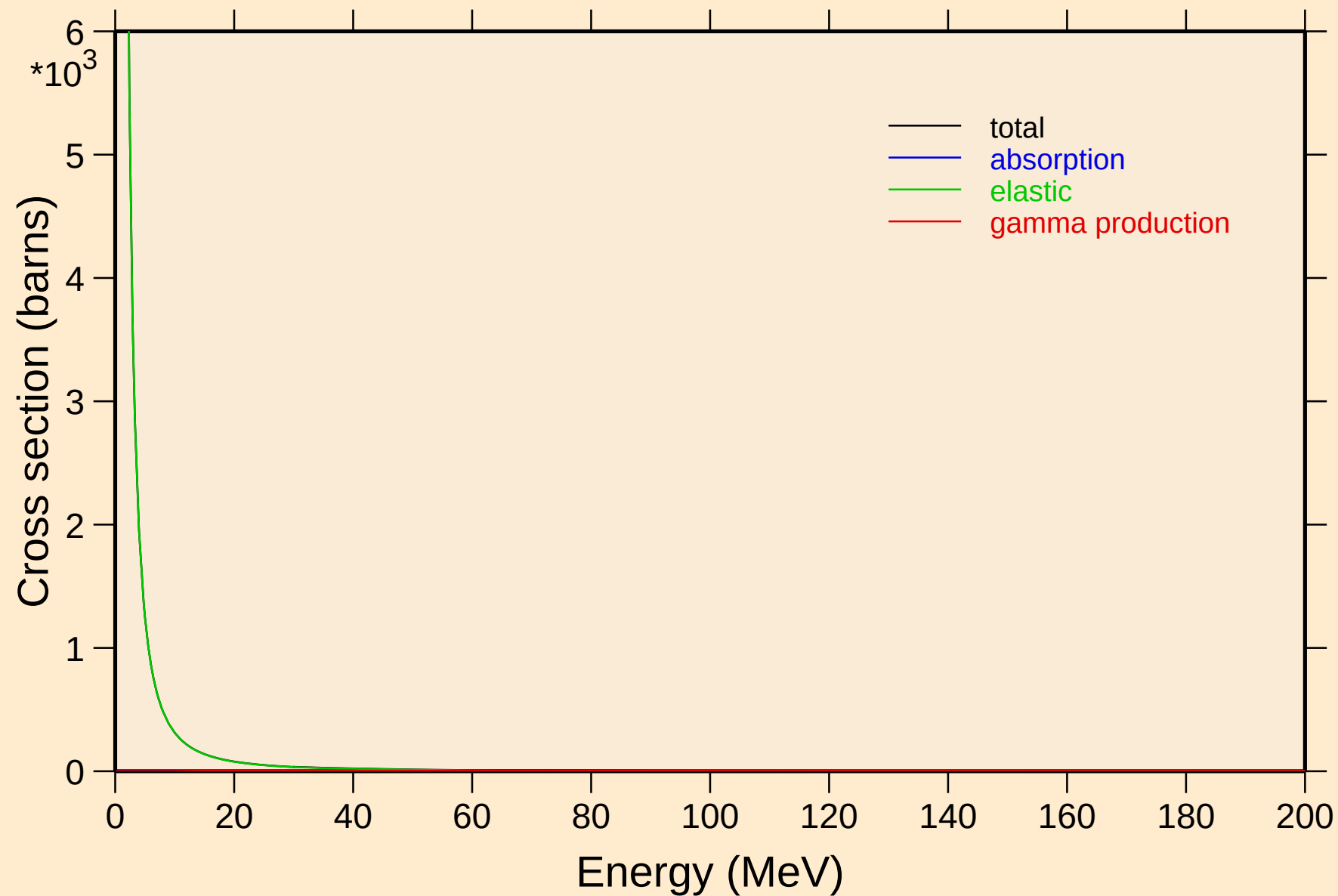
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



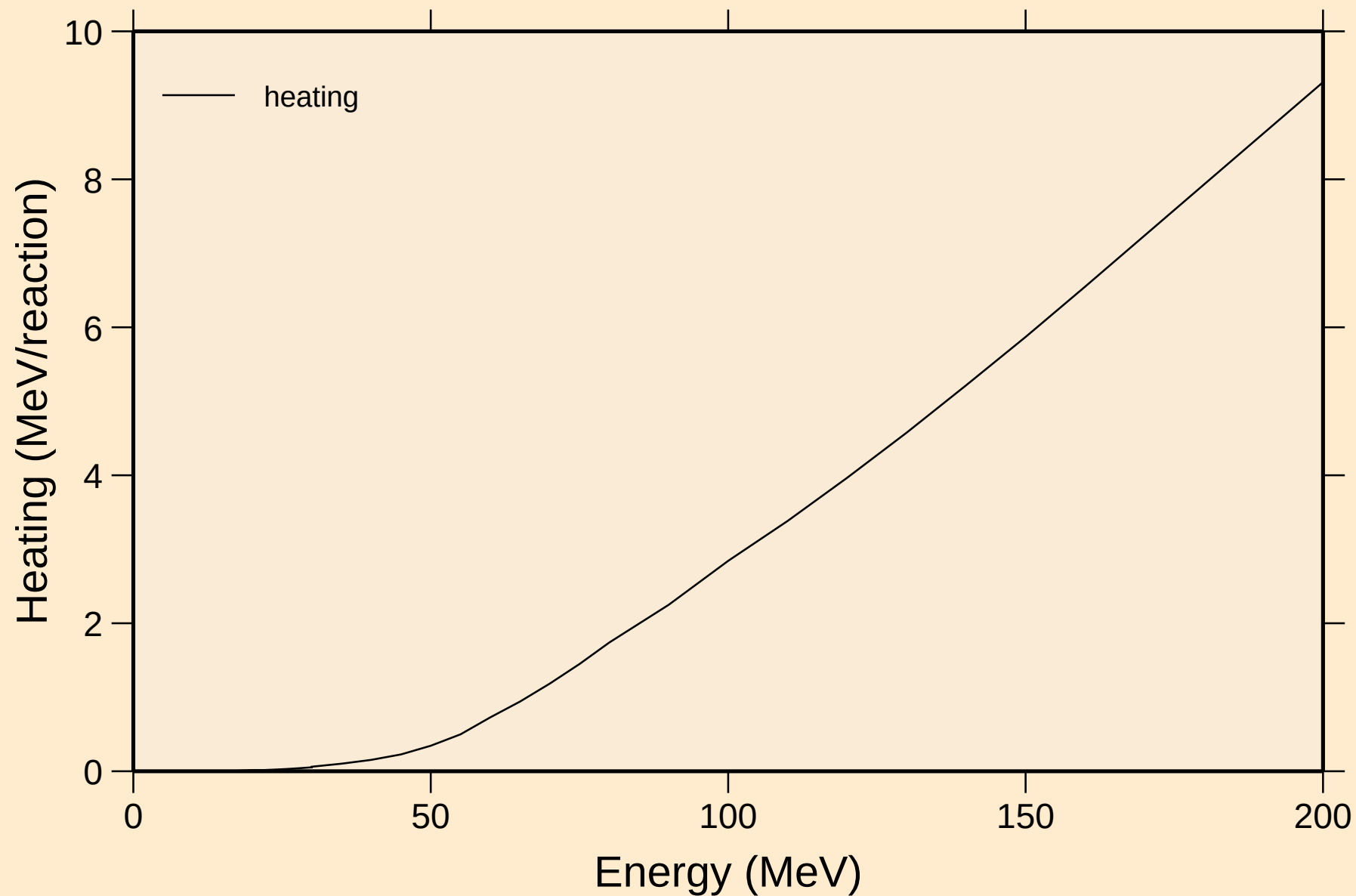
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



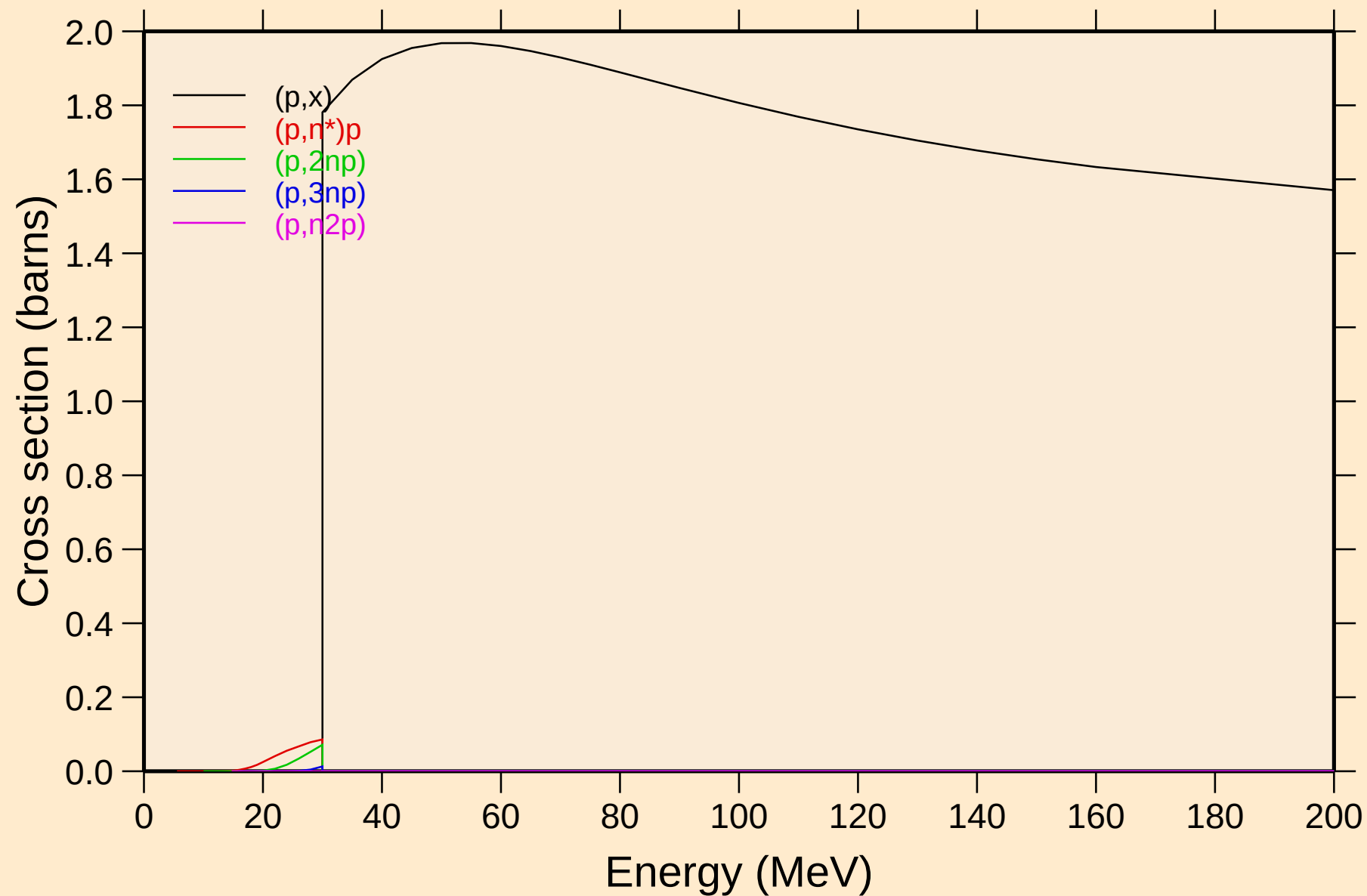
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



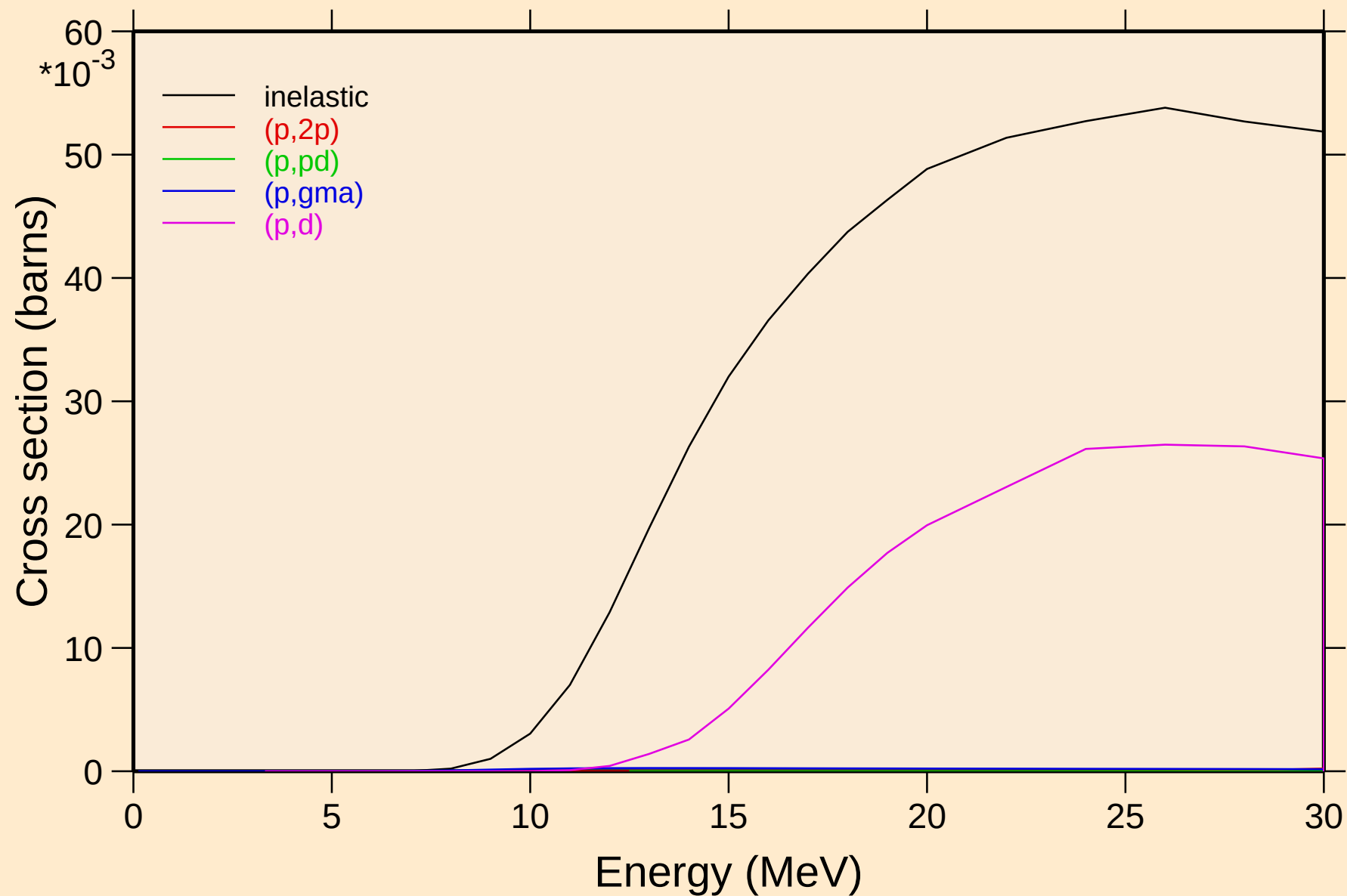
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



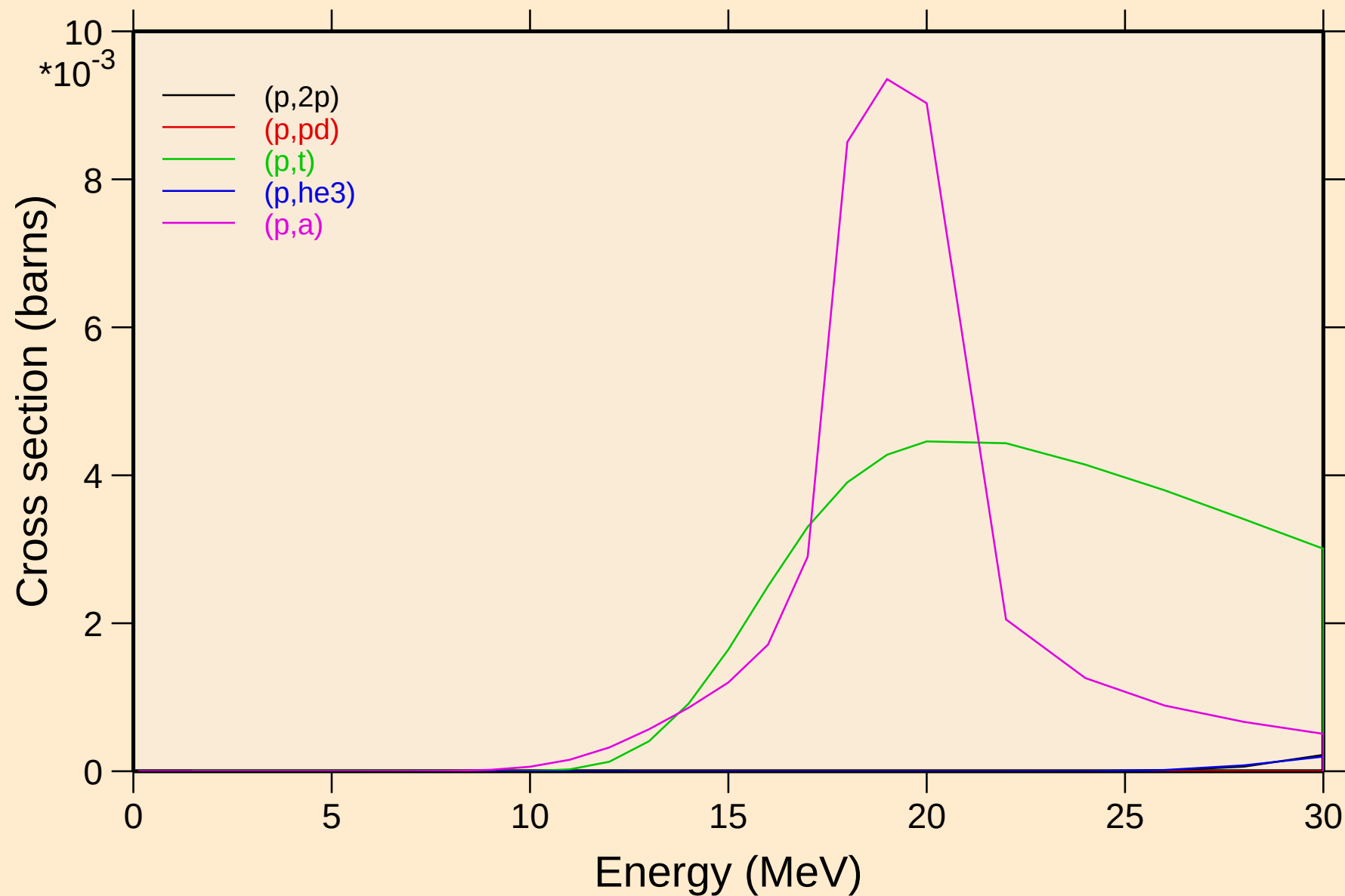
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



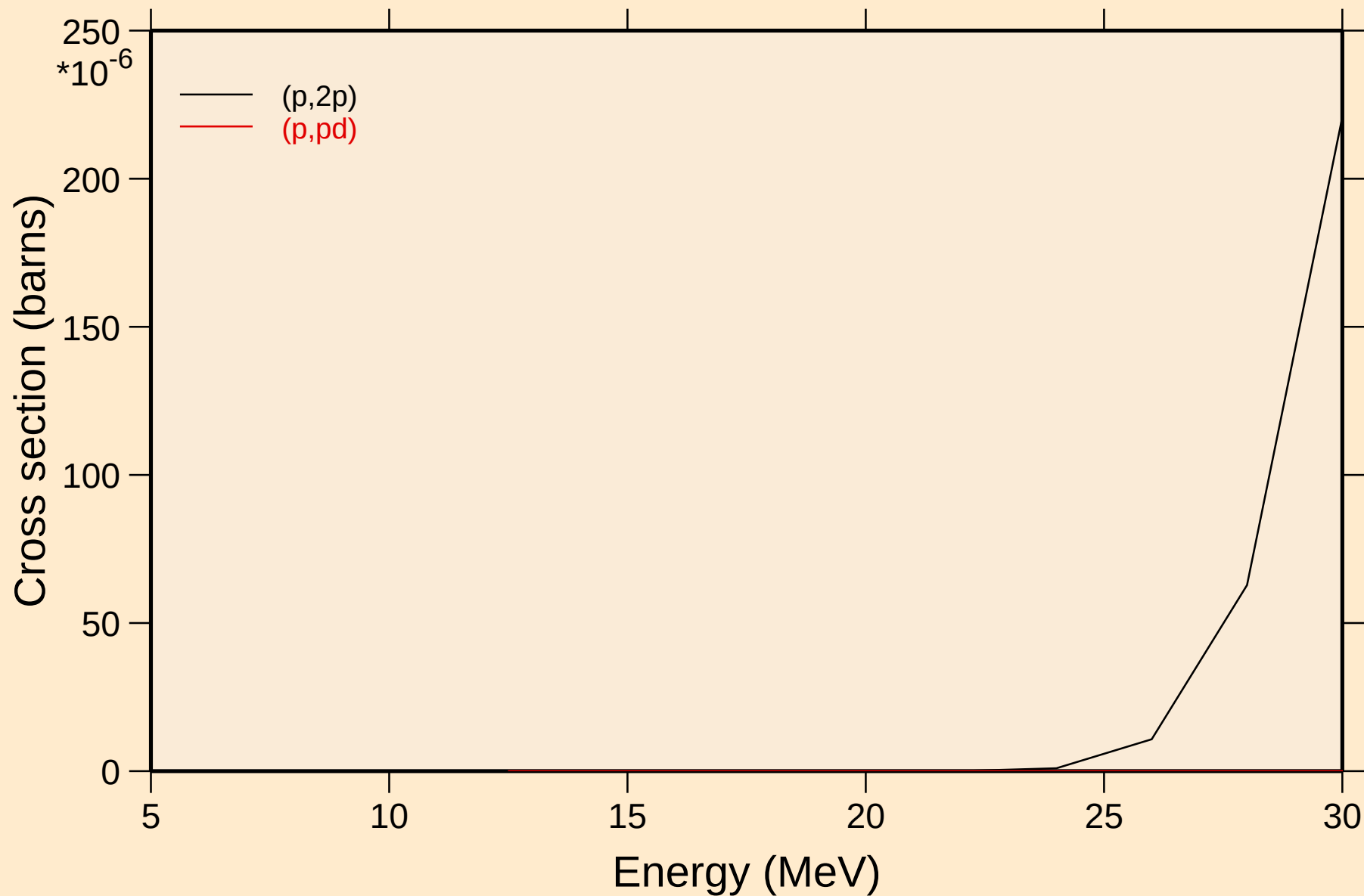
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

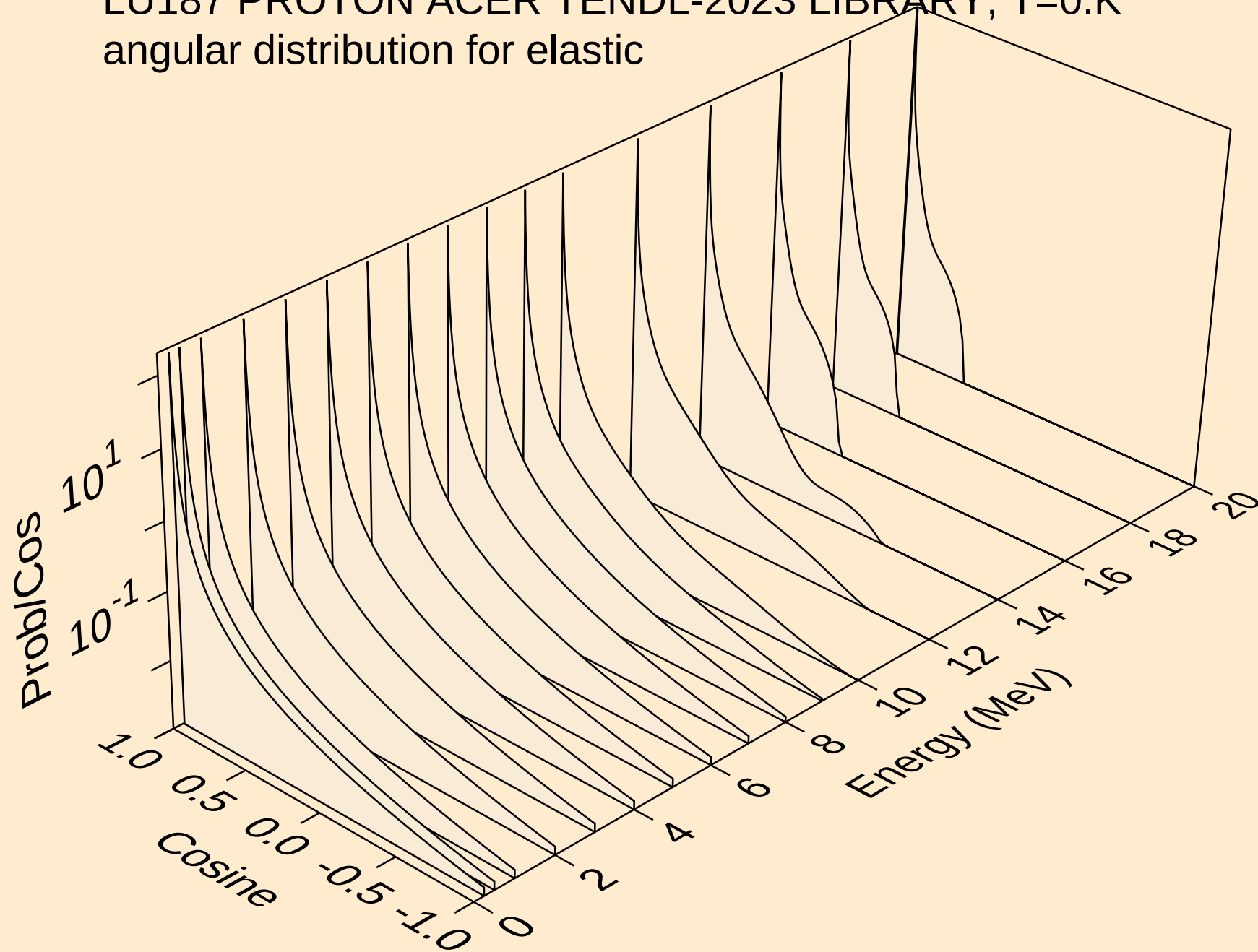


LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

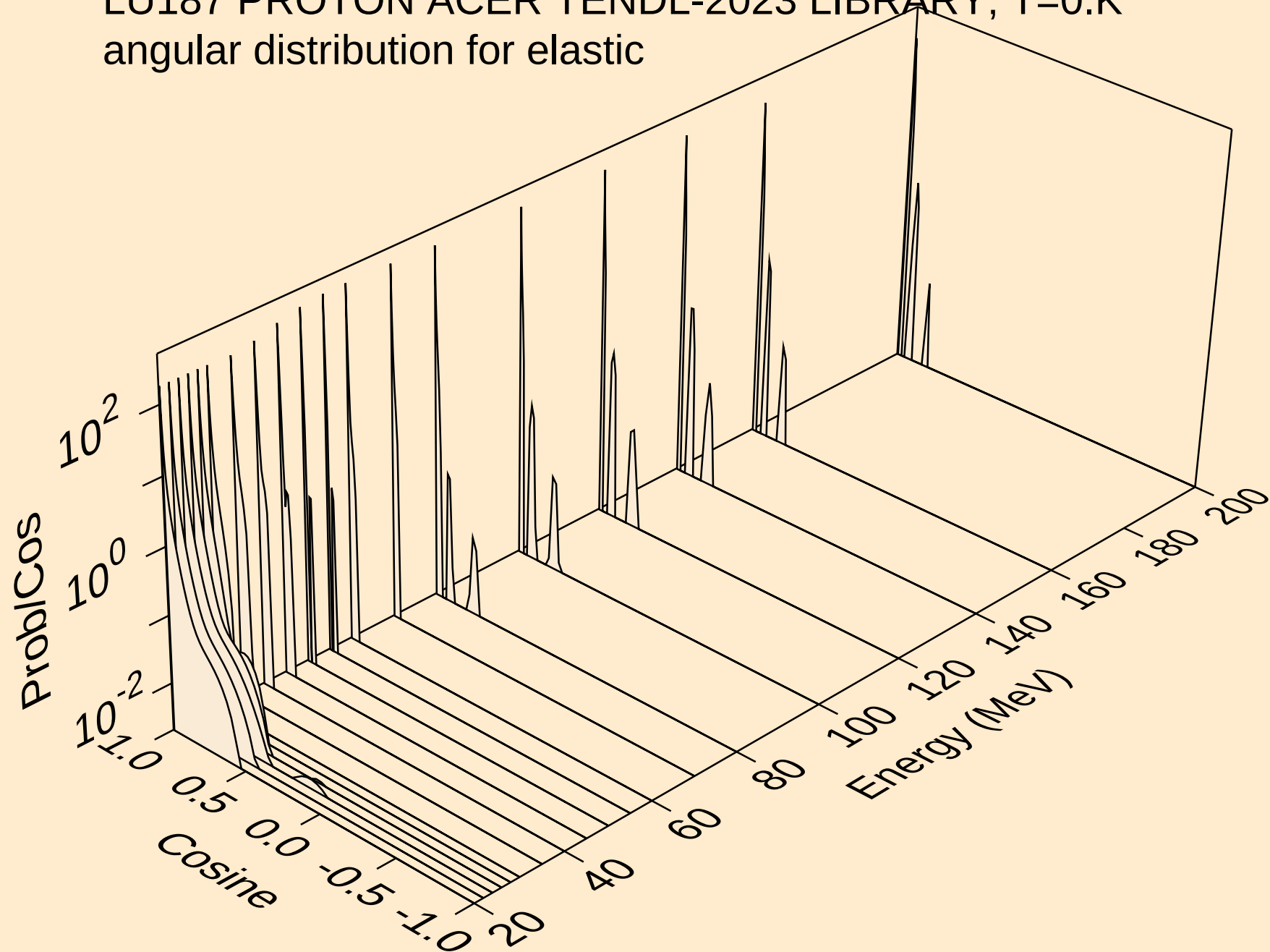
Threshold reactions



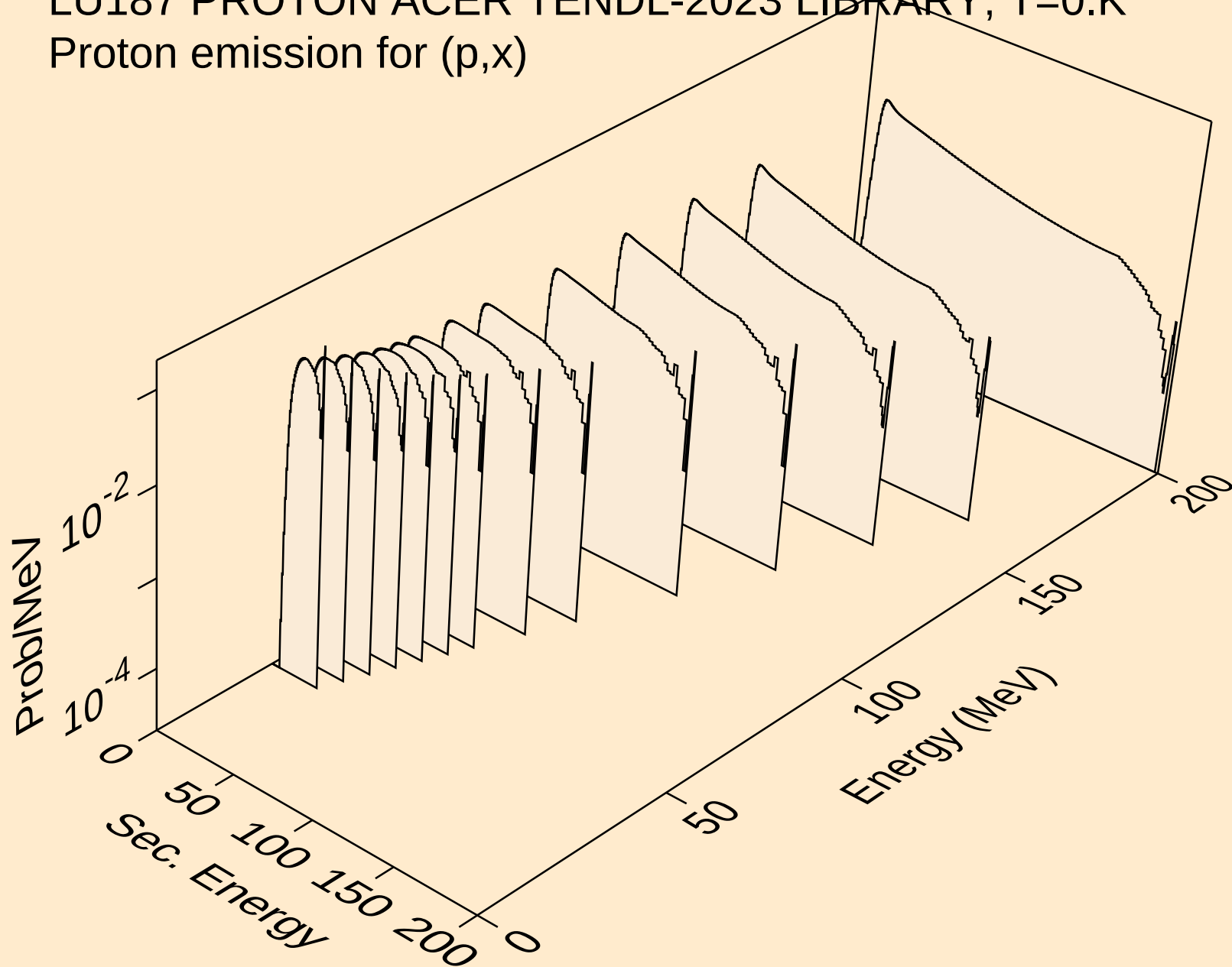
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

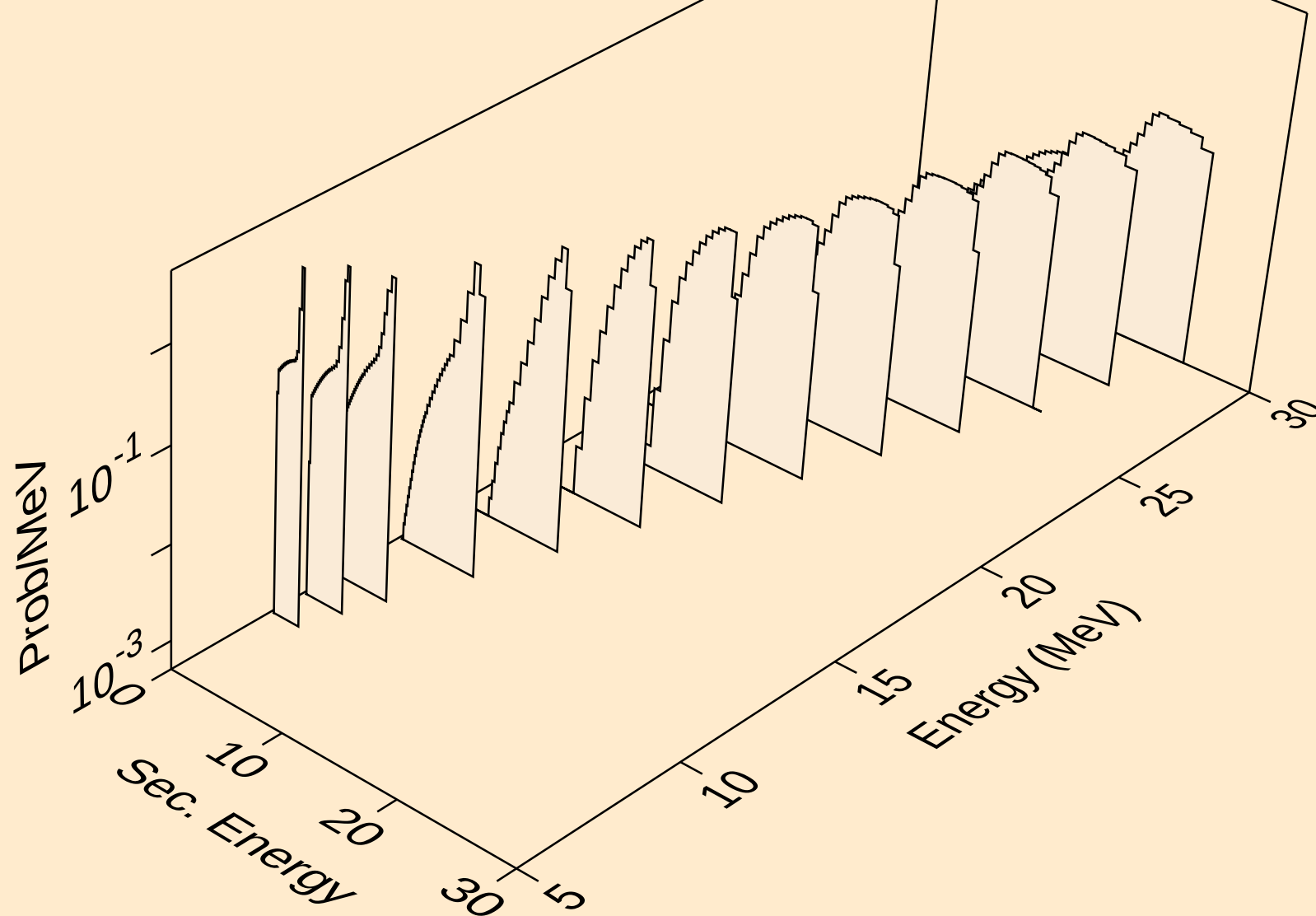


LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)

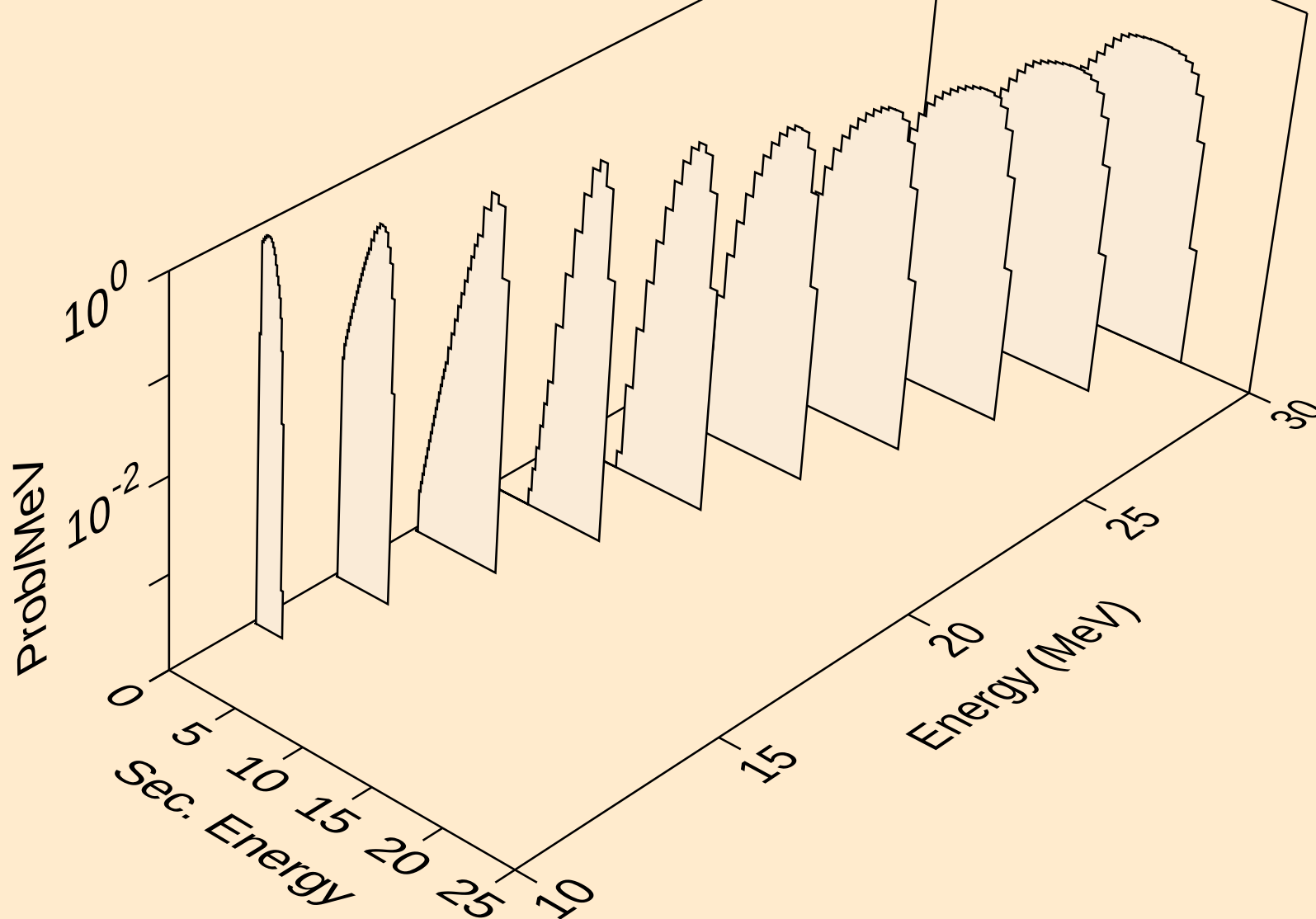


LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

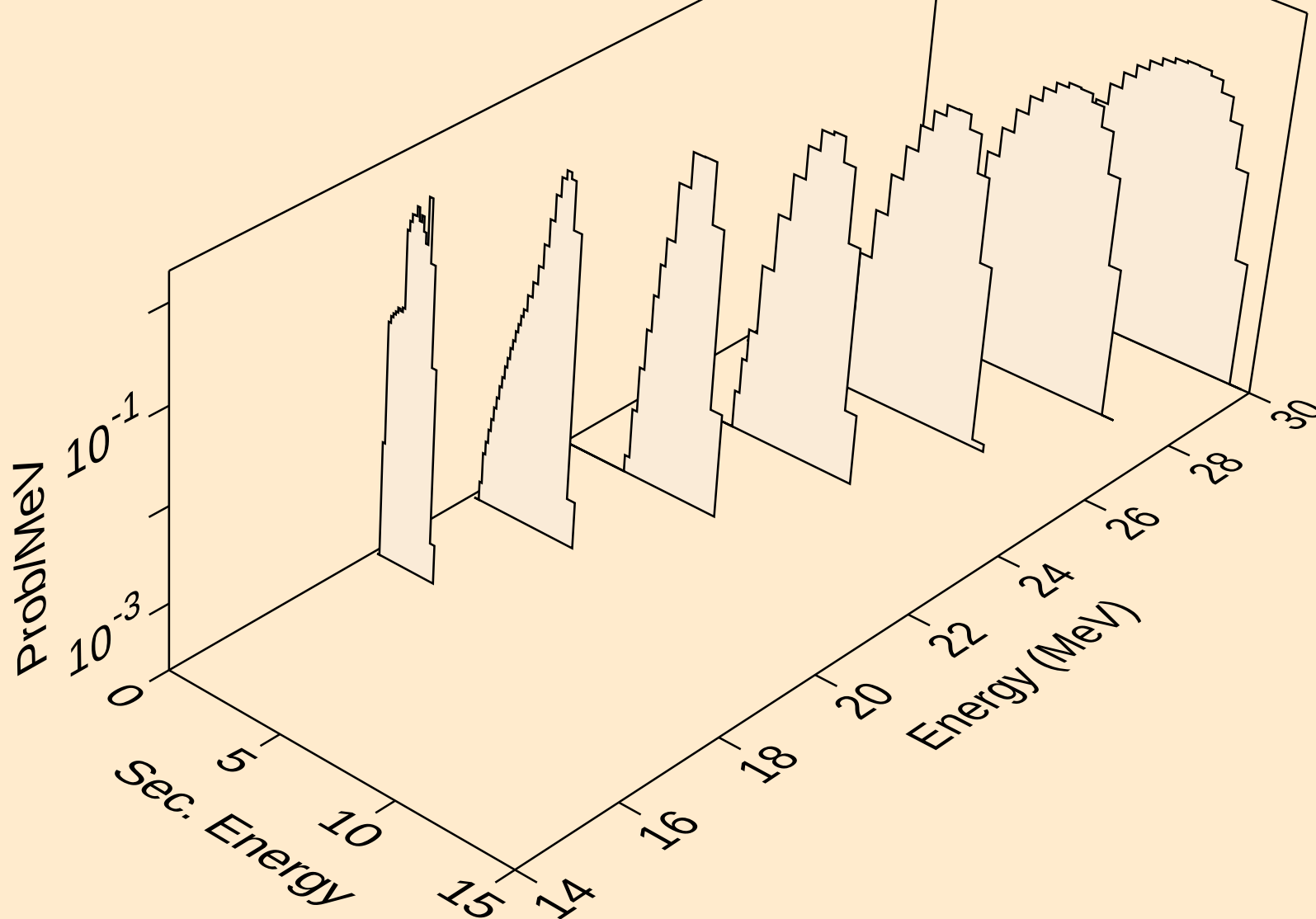
Proton emission for (p,n*)p



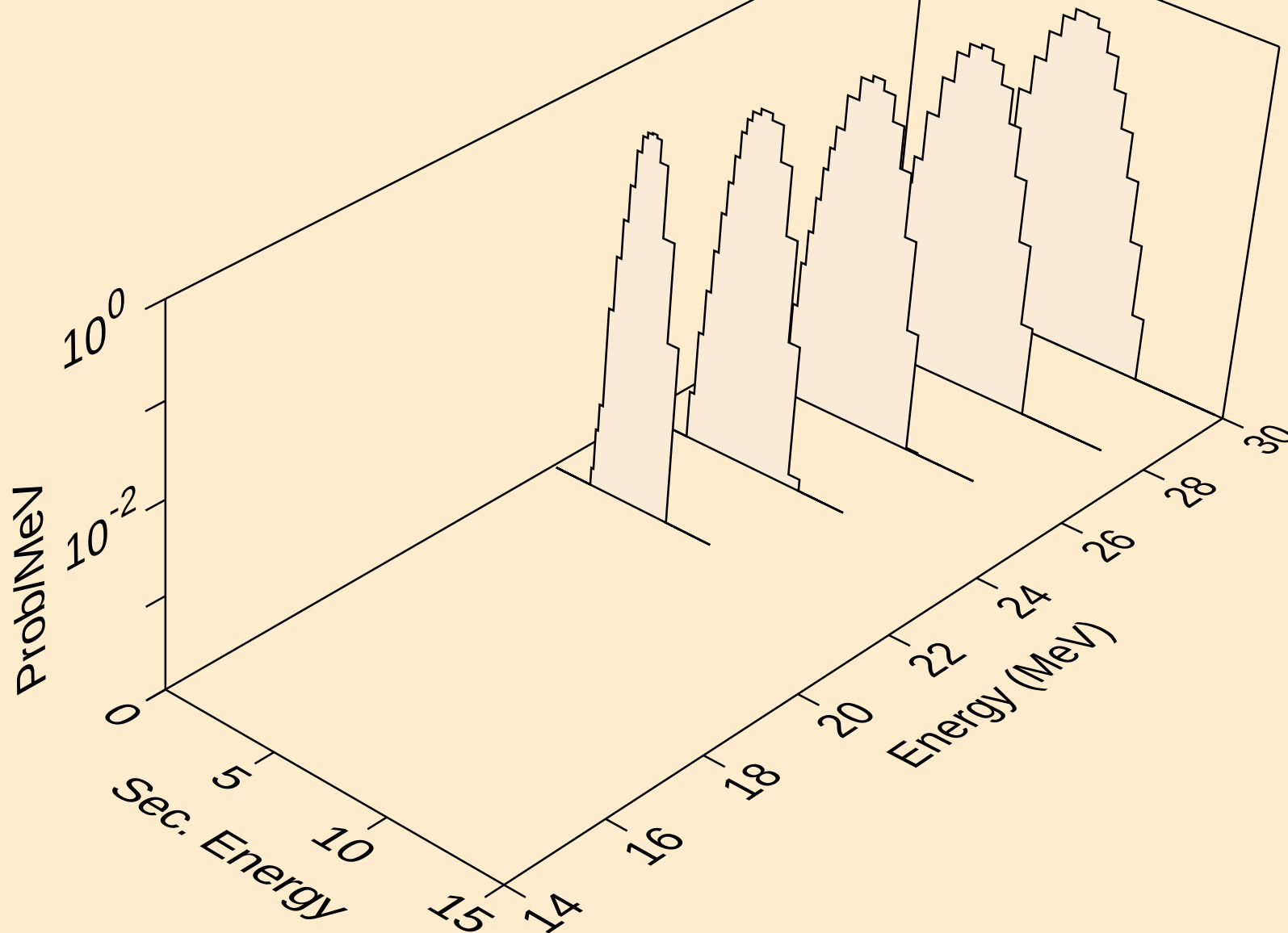
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



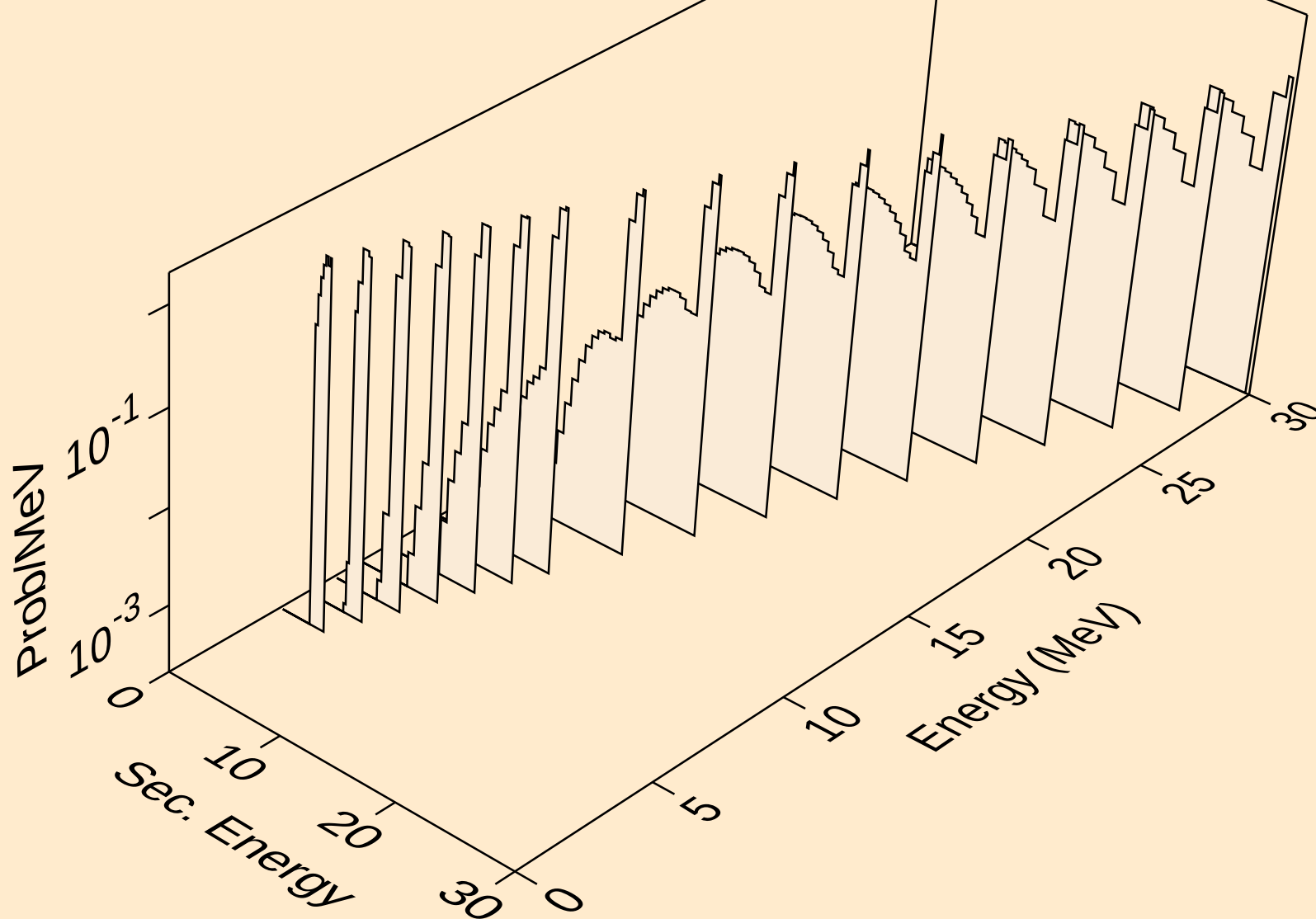
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)



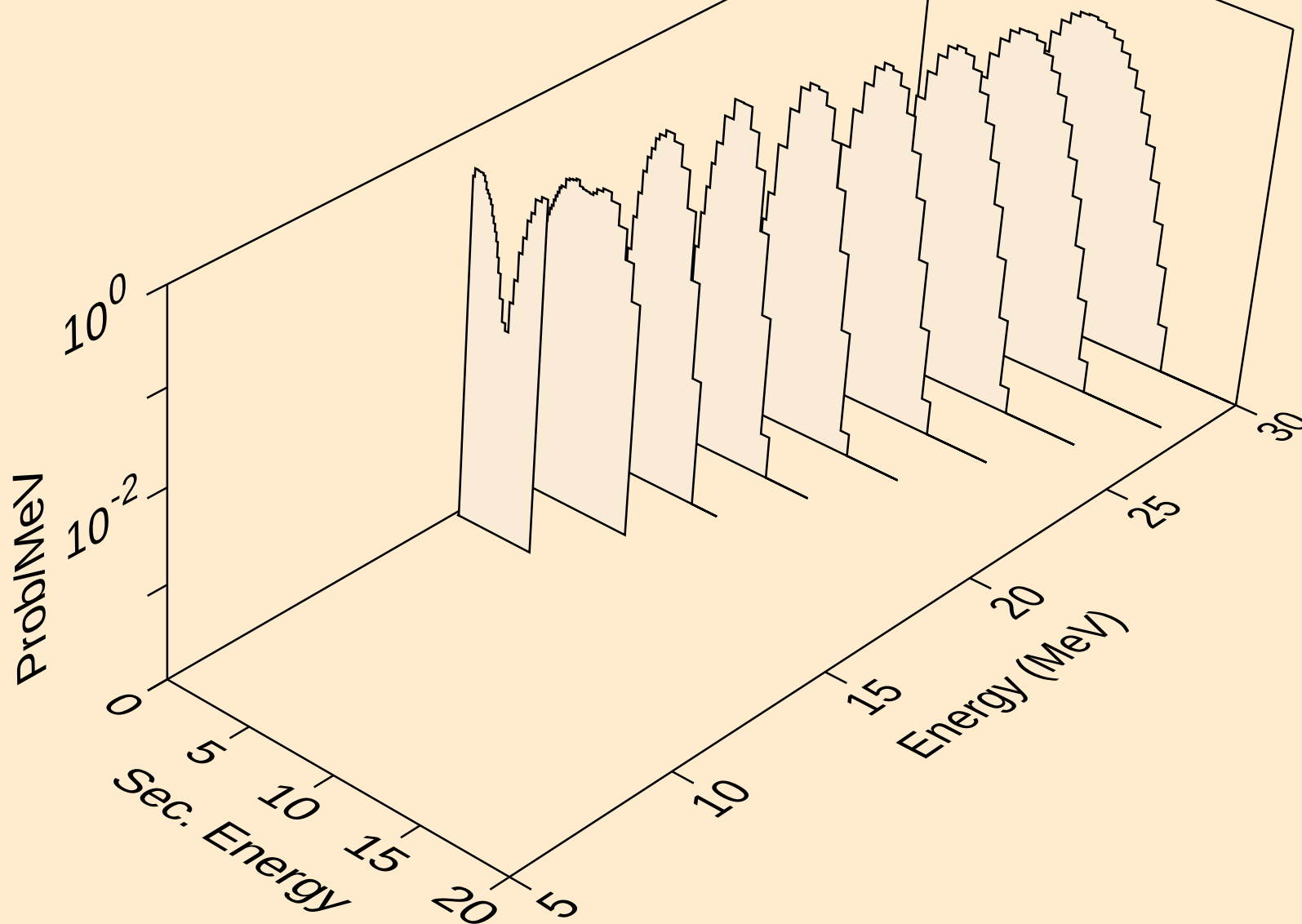
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



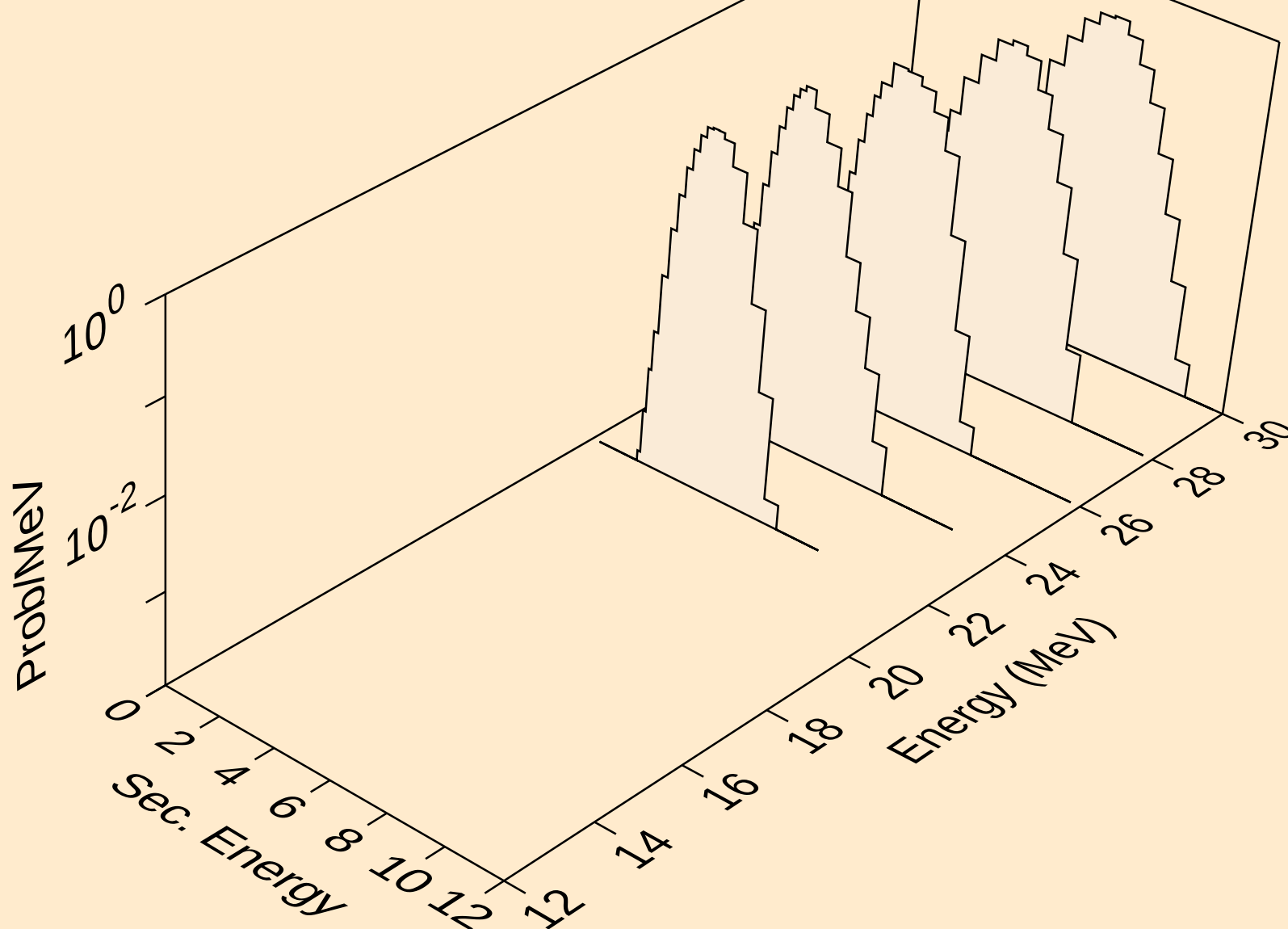
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



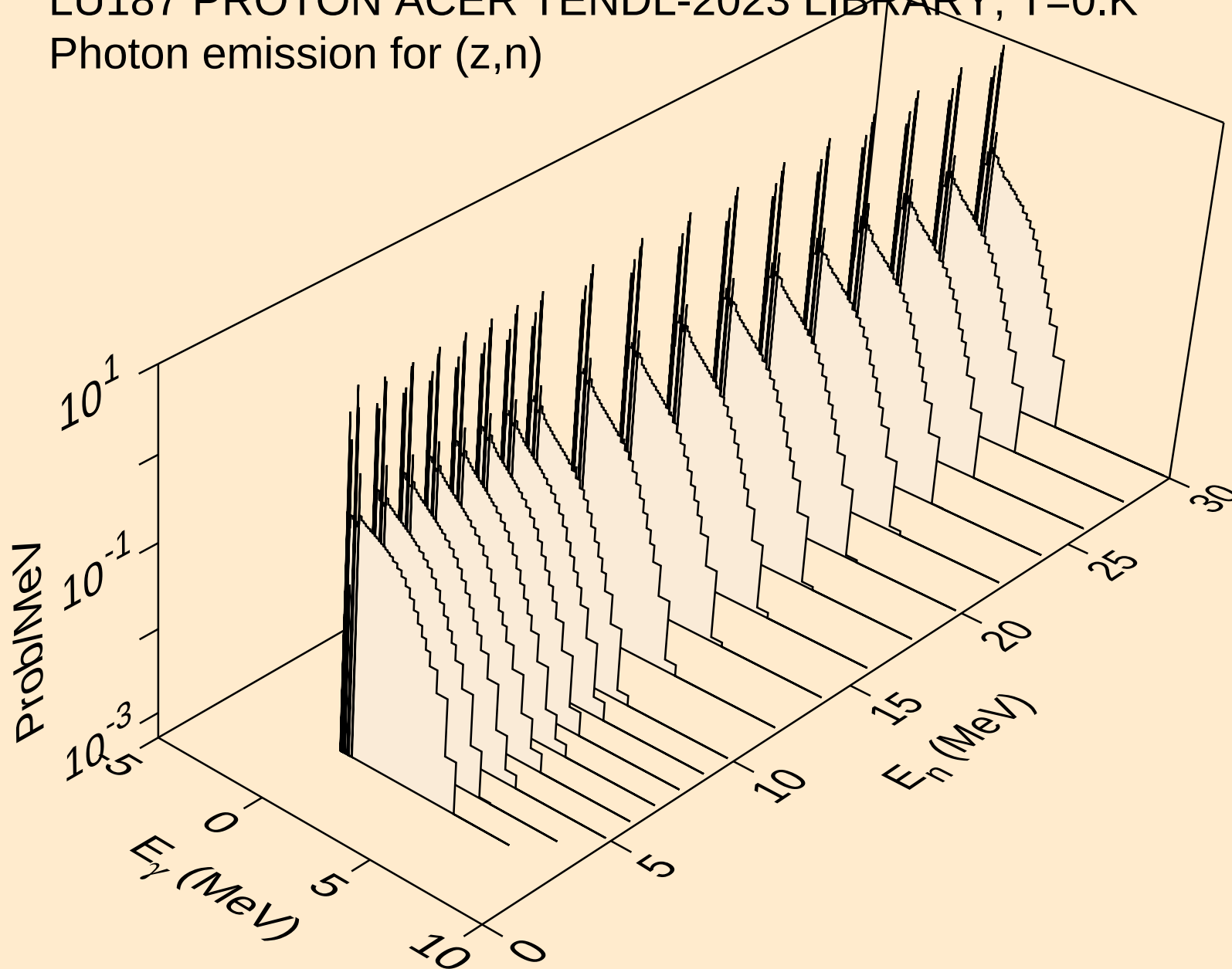
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2p)



LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pd)

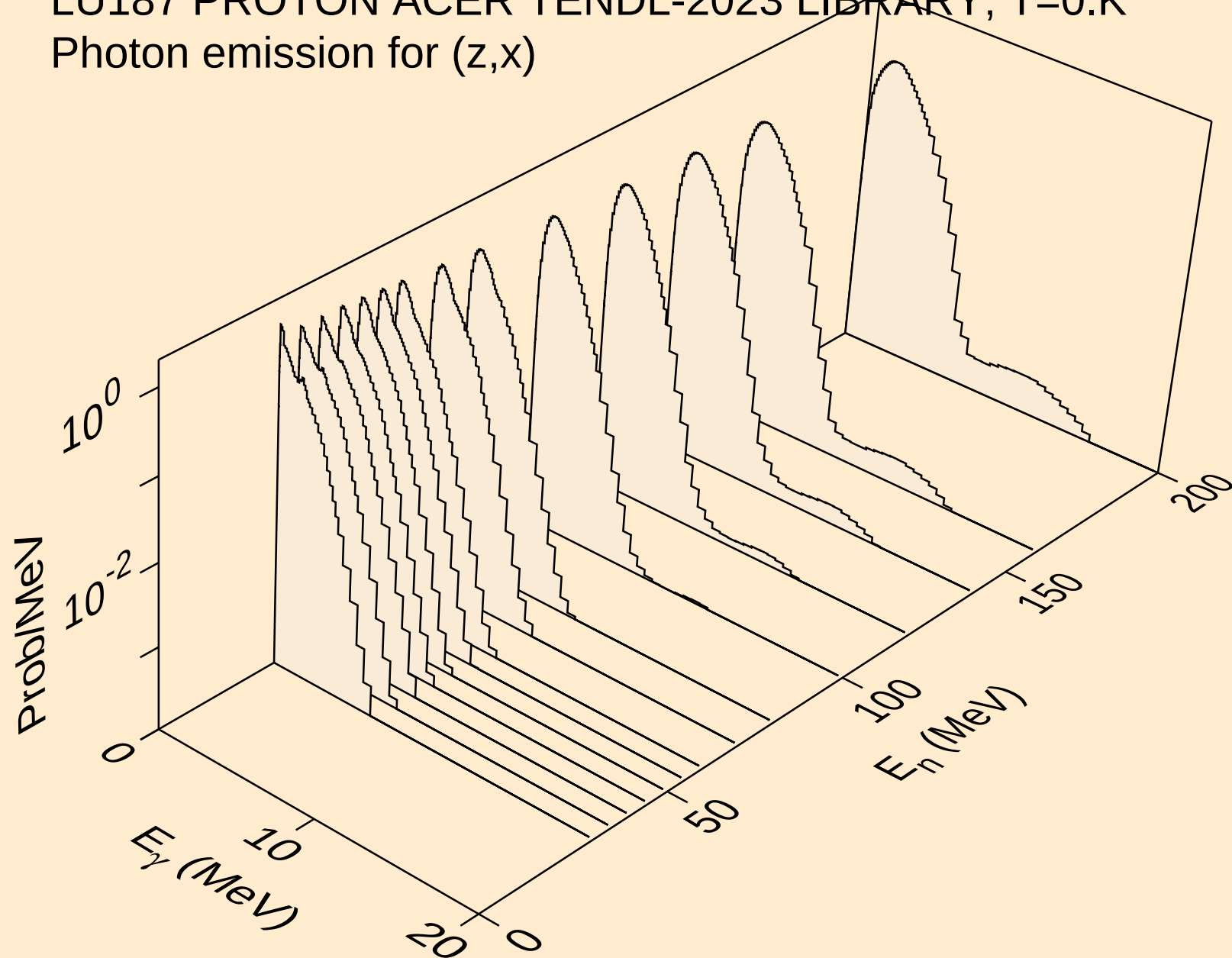


LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

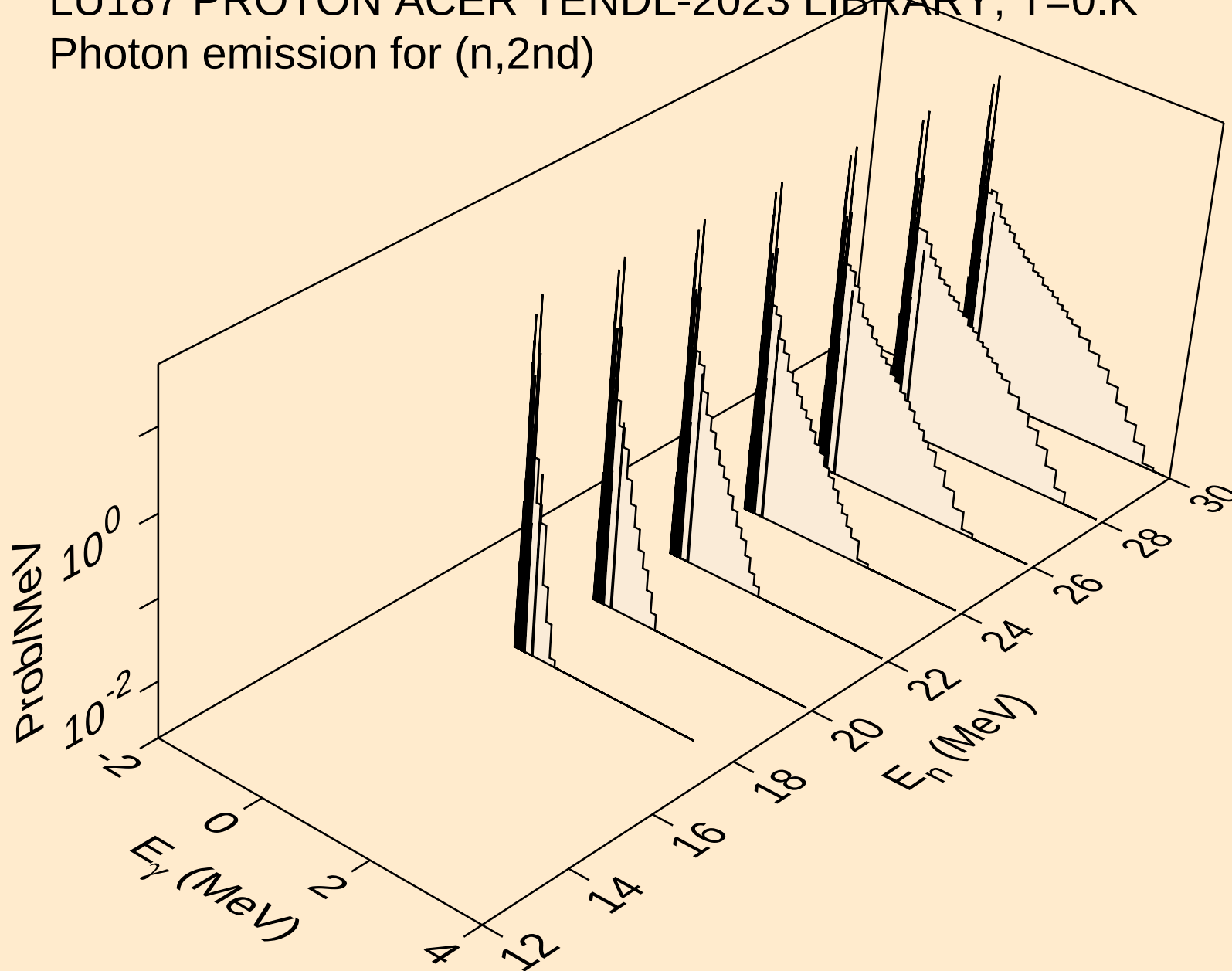


LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

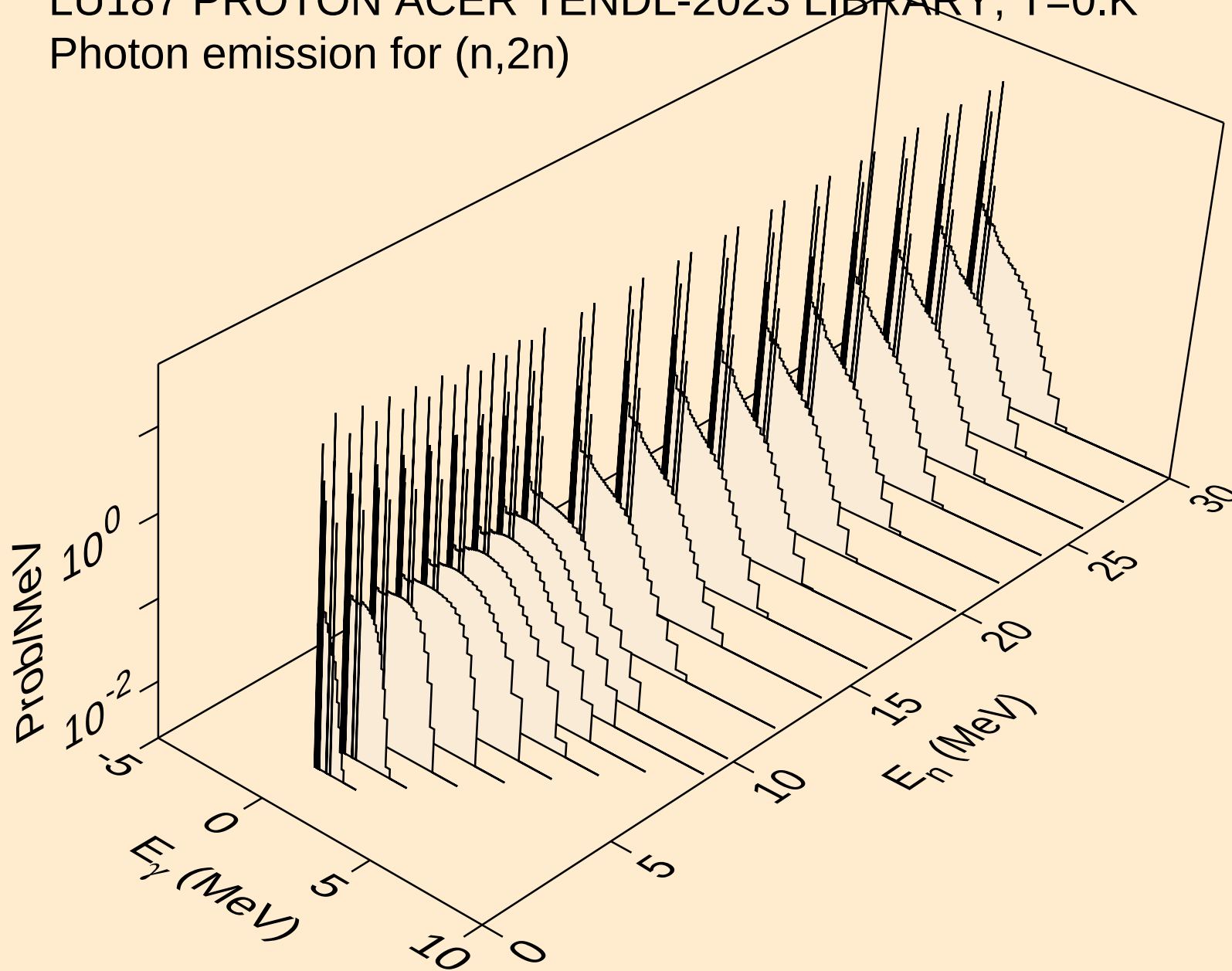
Photon emission for (z,x)



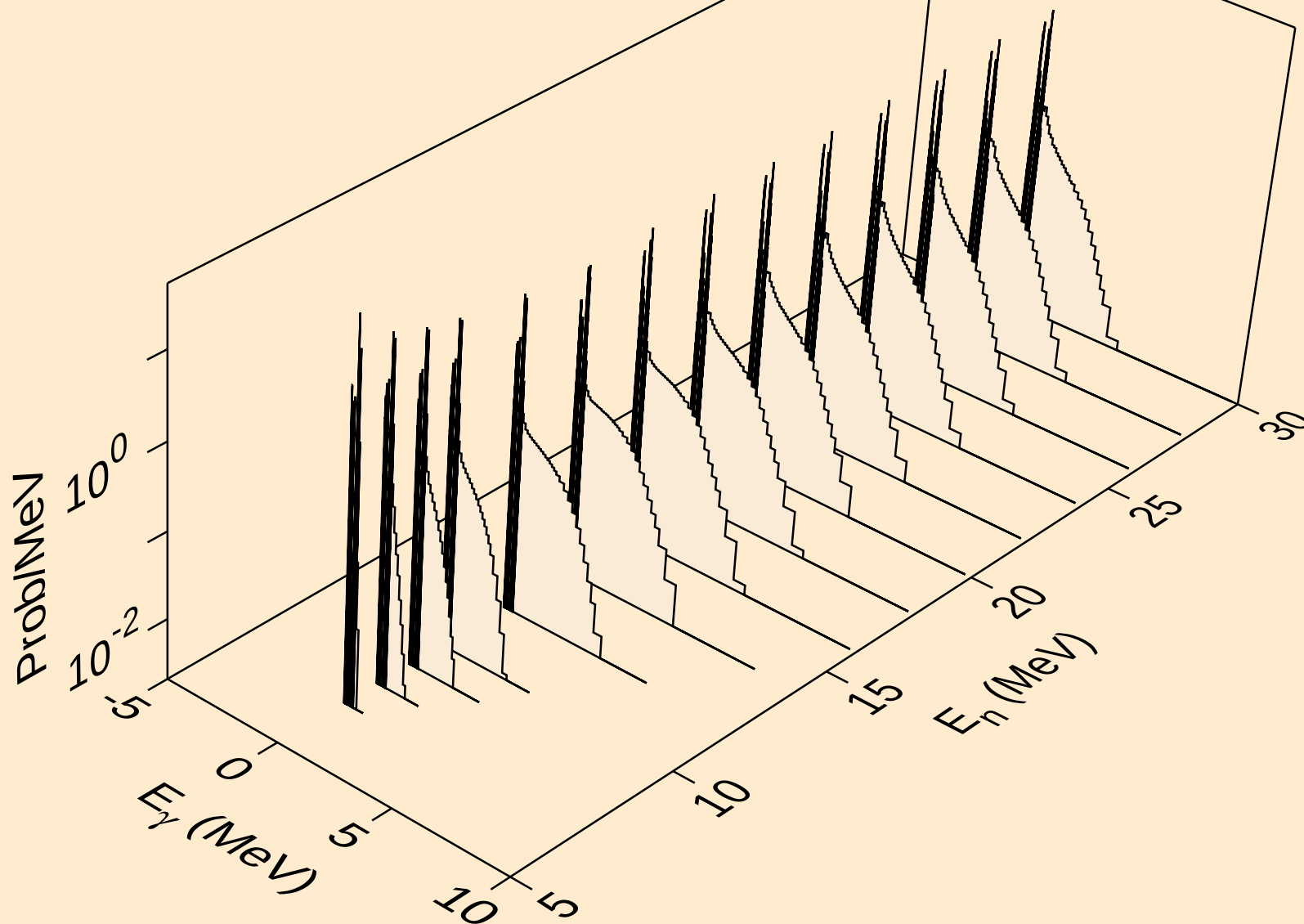
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

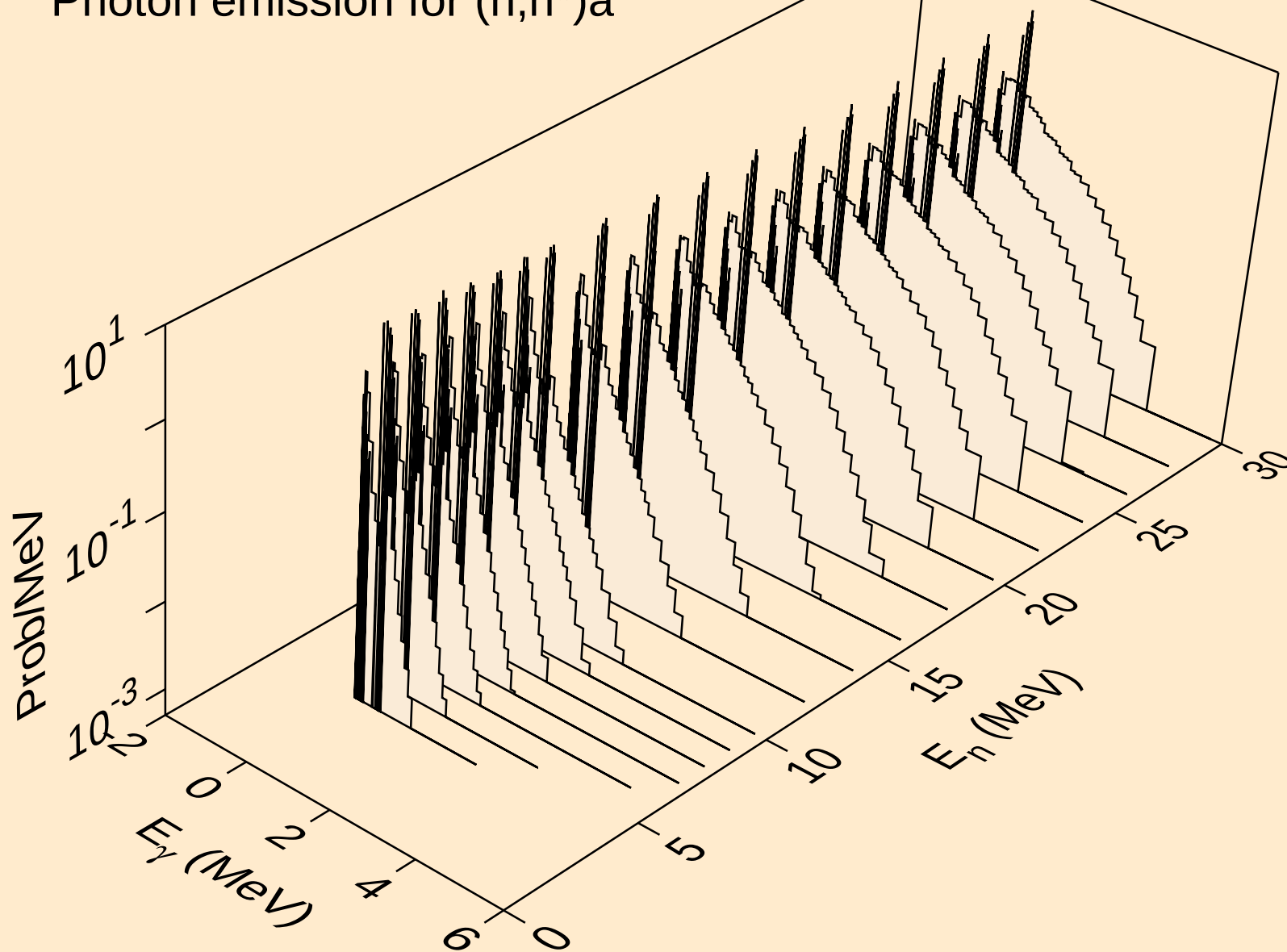


LU187 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3n)

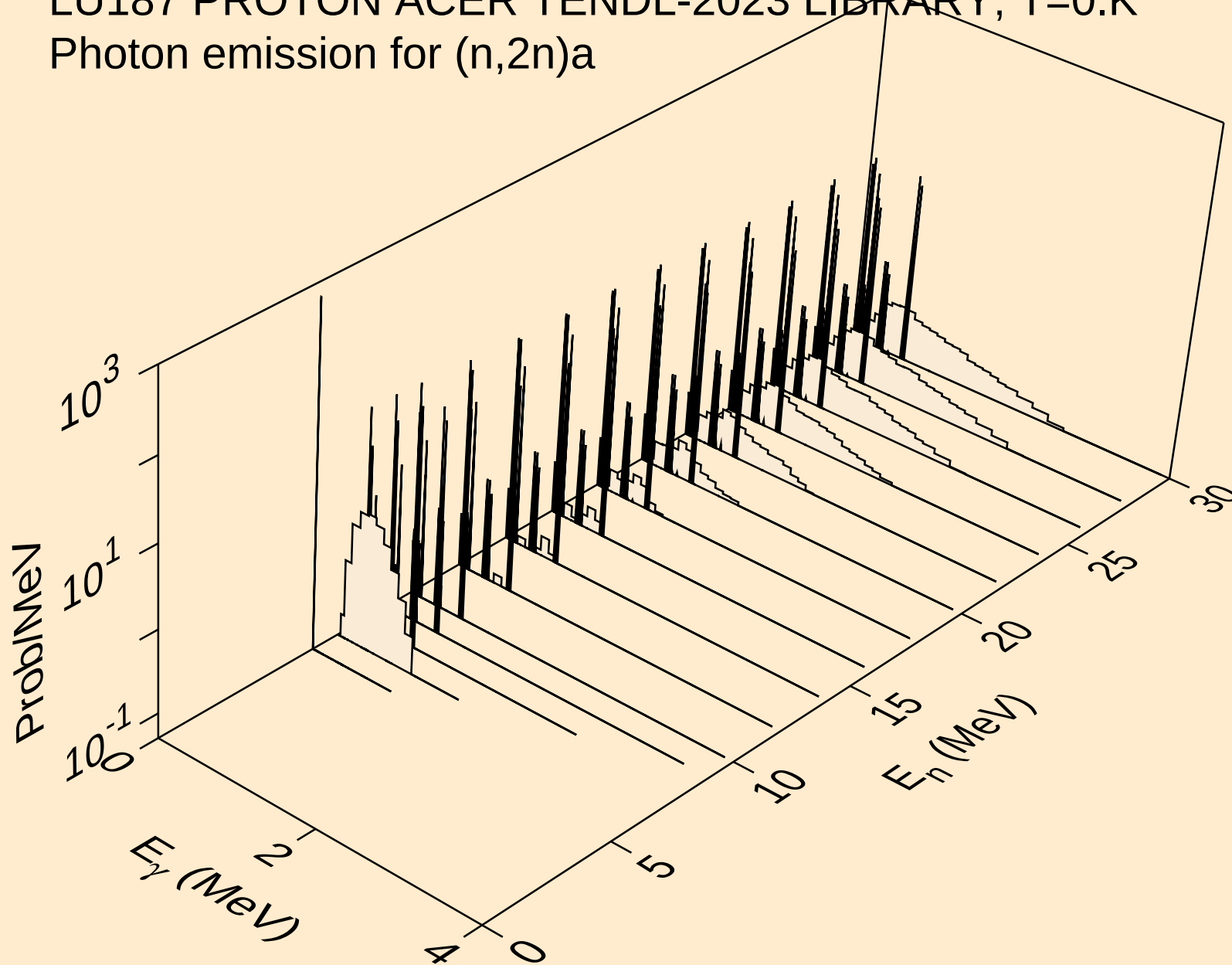


LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

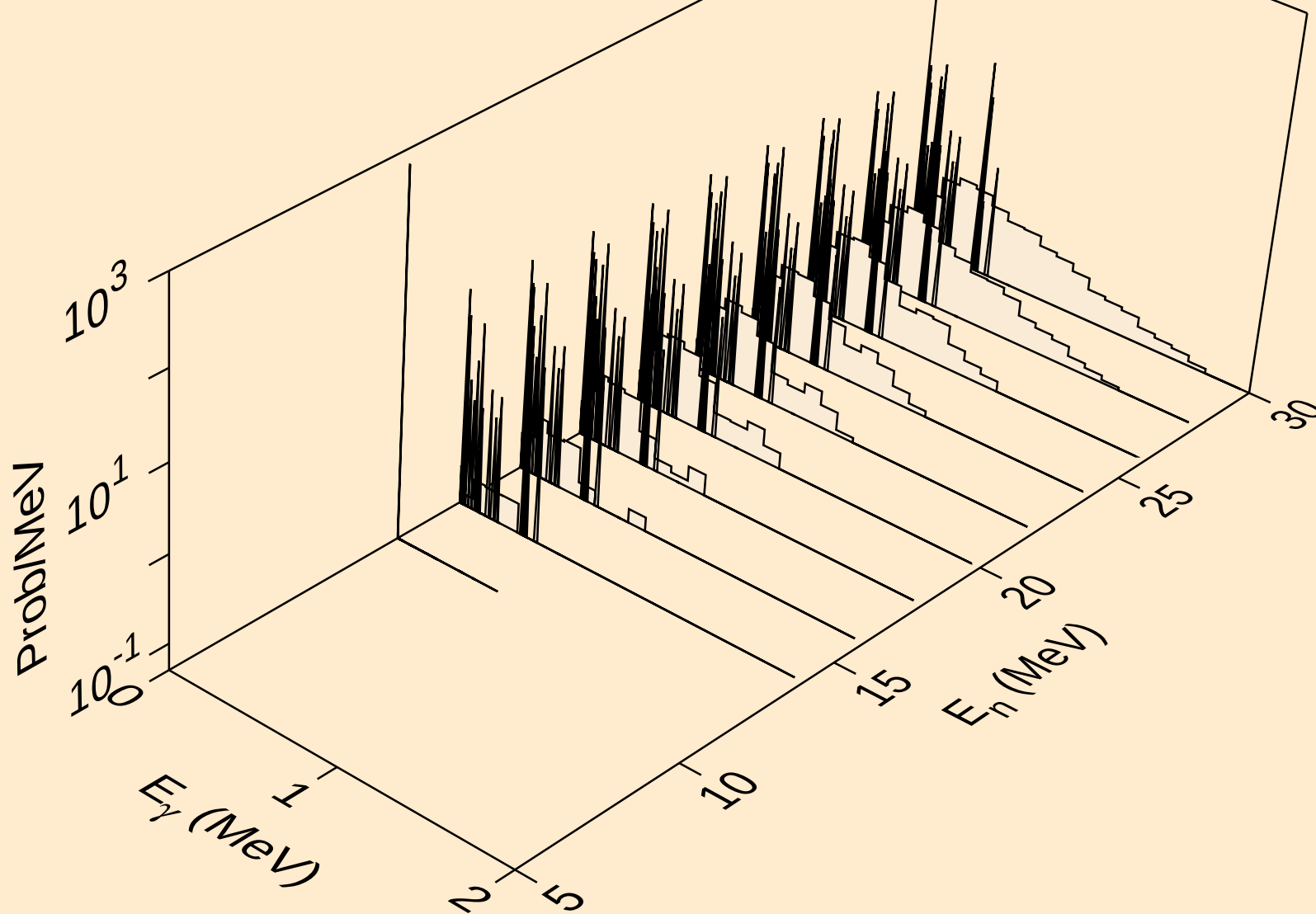
Photon emission for (n,n*)a



LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α

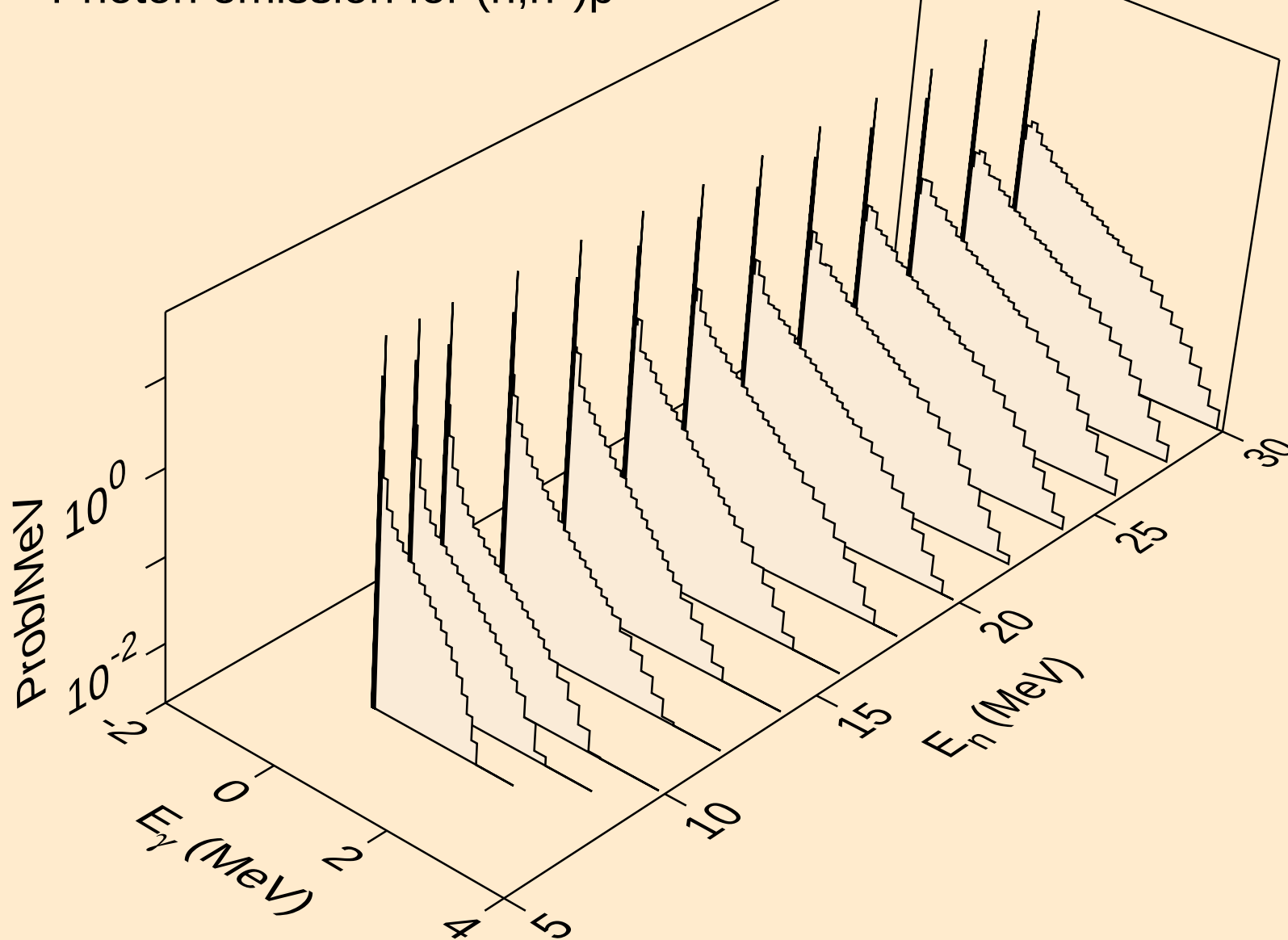


LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n) α

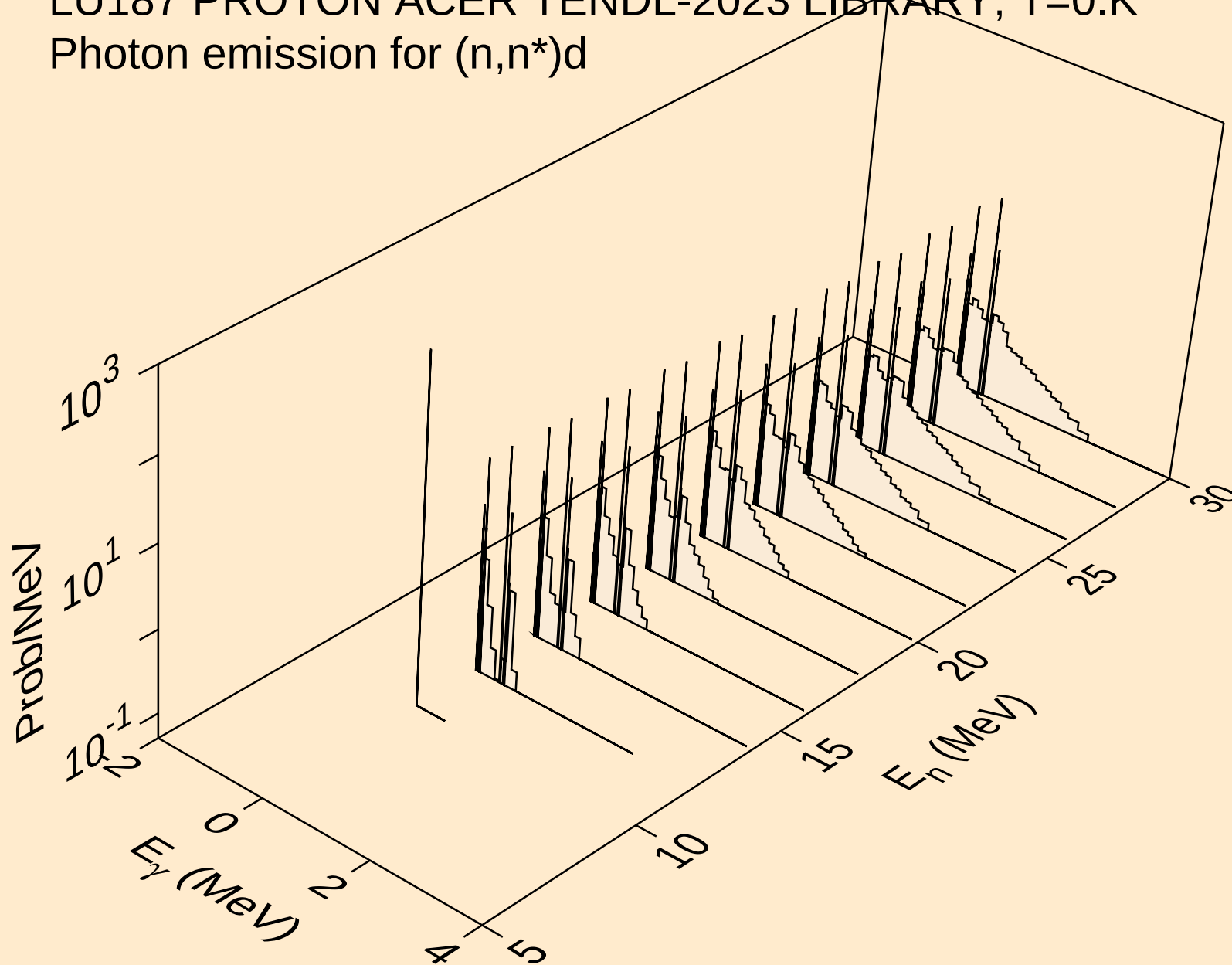


LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p

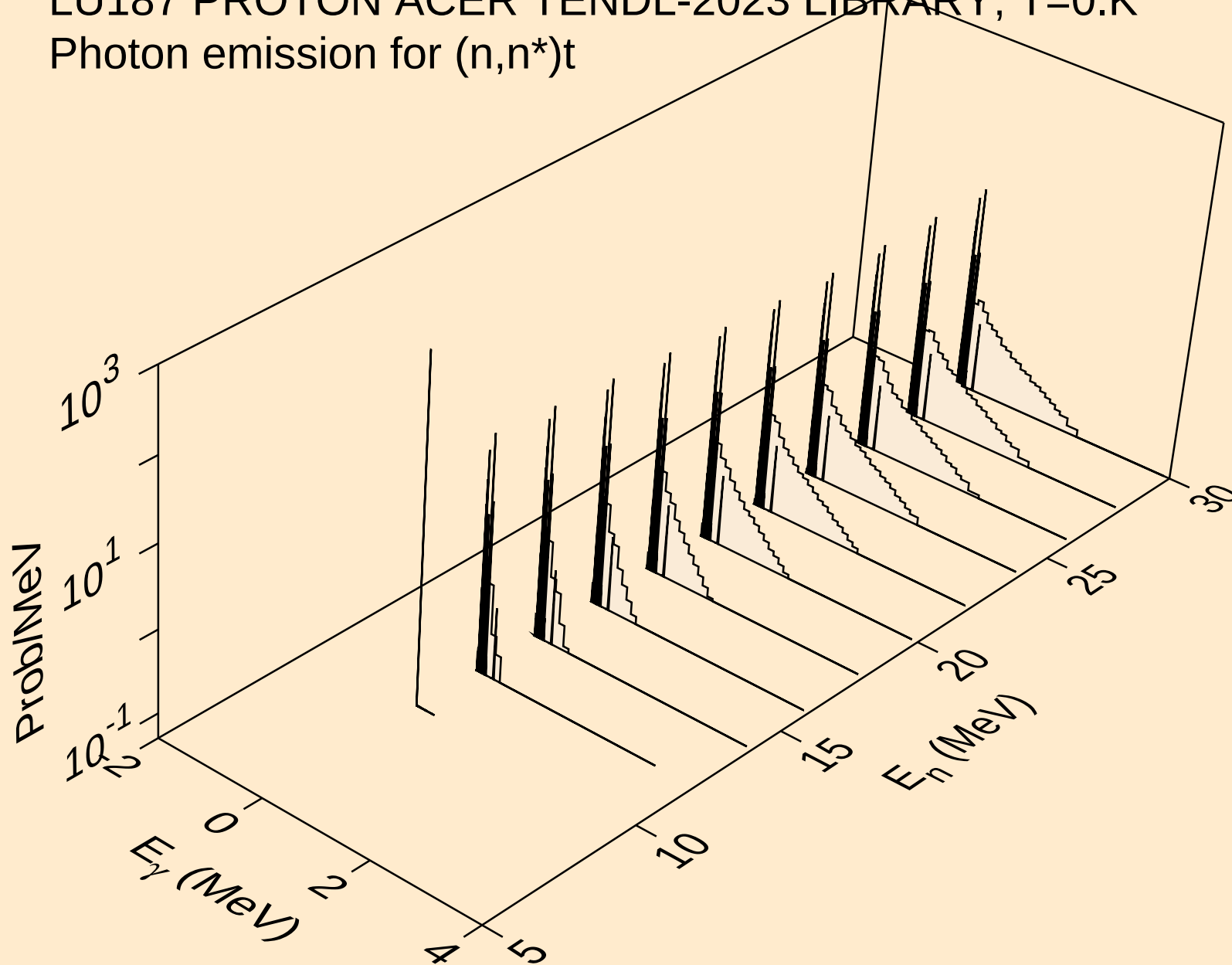


LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d

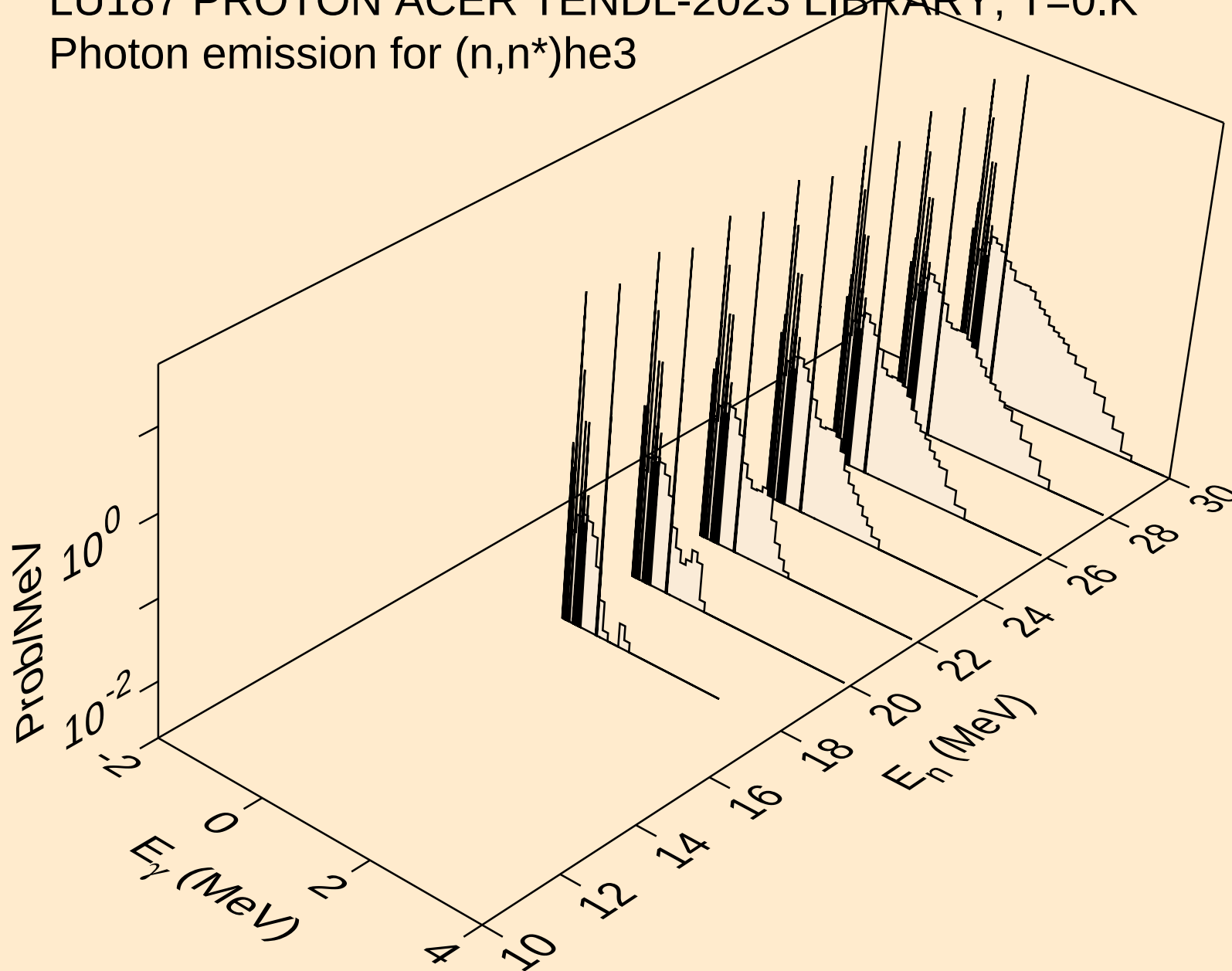


LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

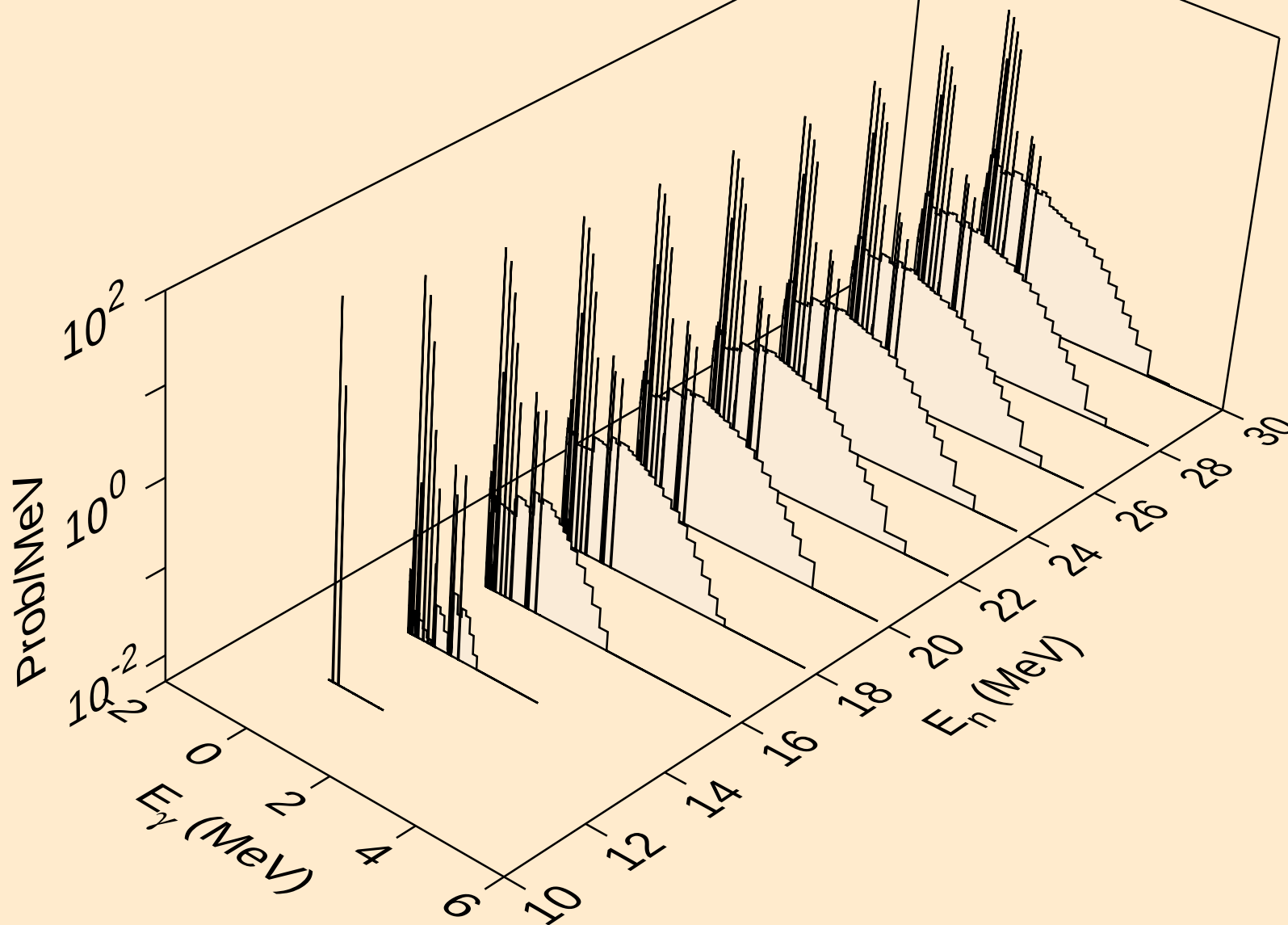
Photon emission for (n,n*)t



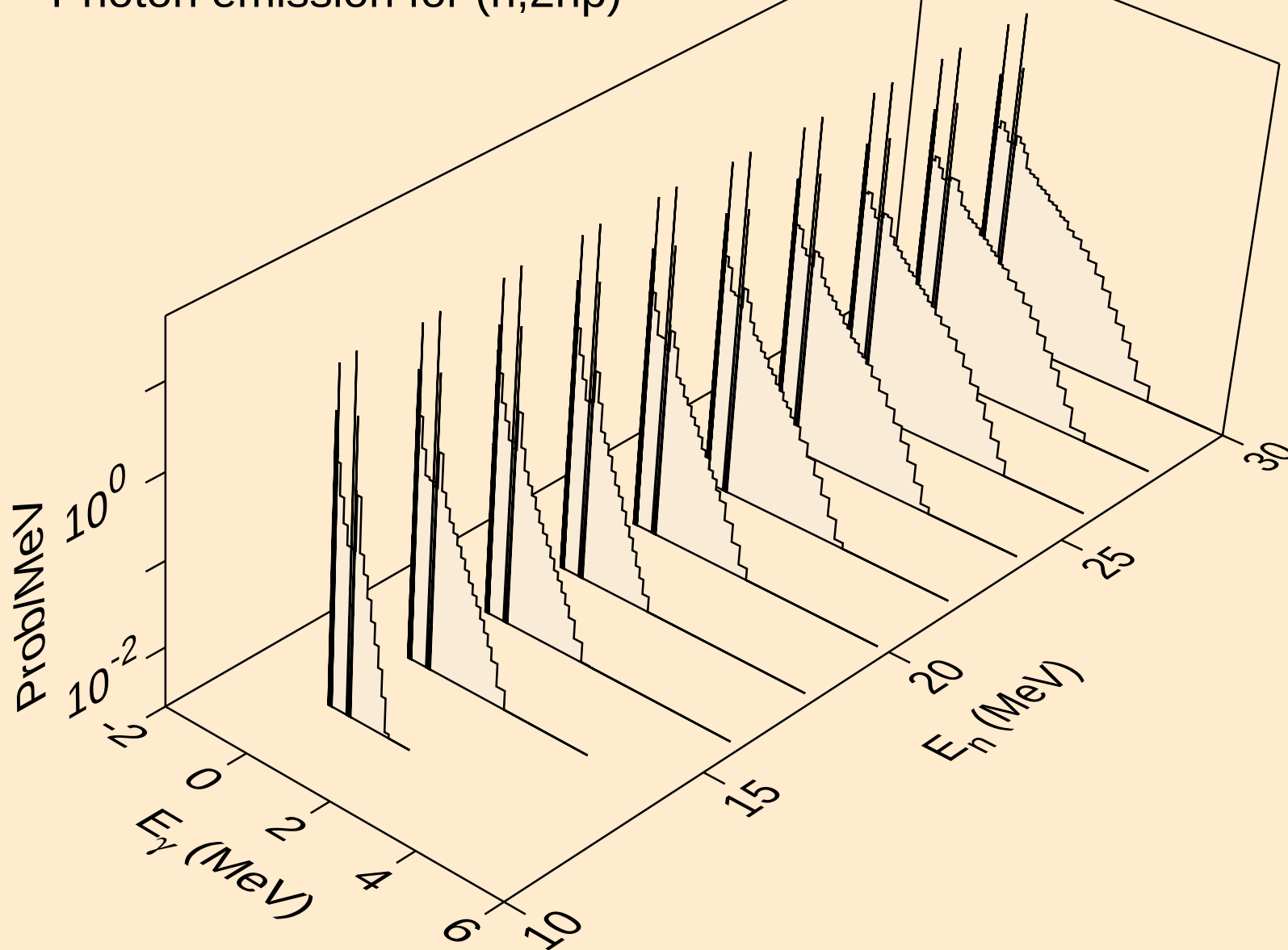
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



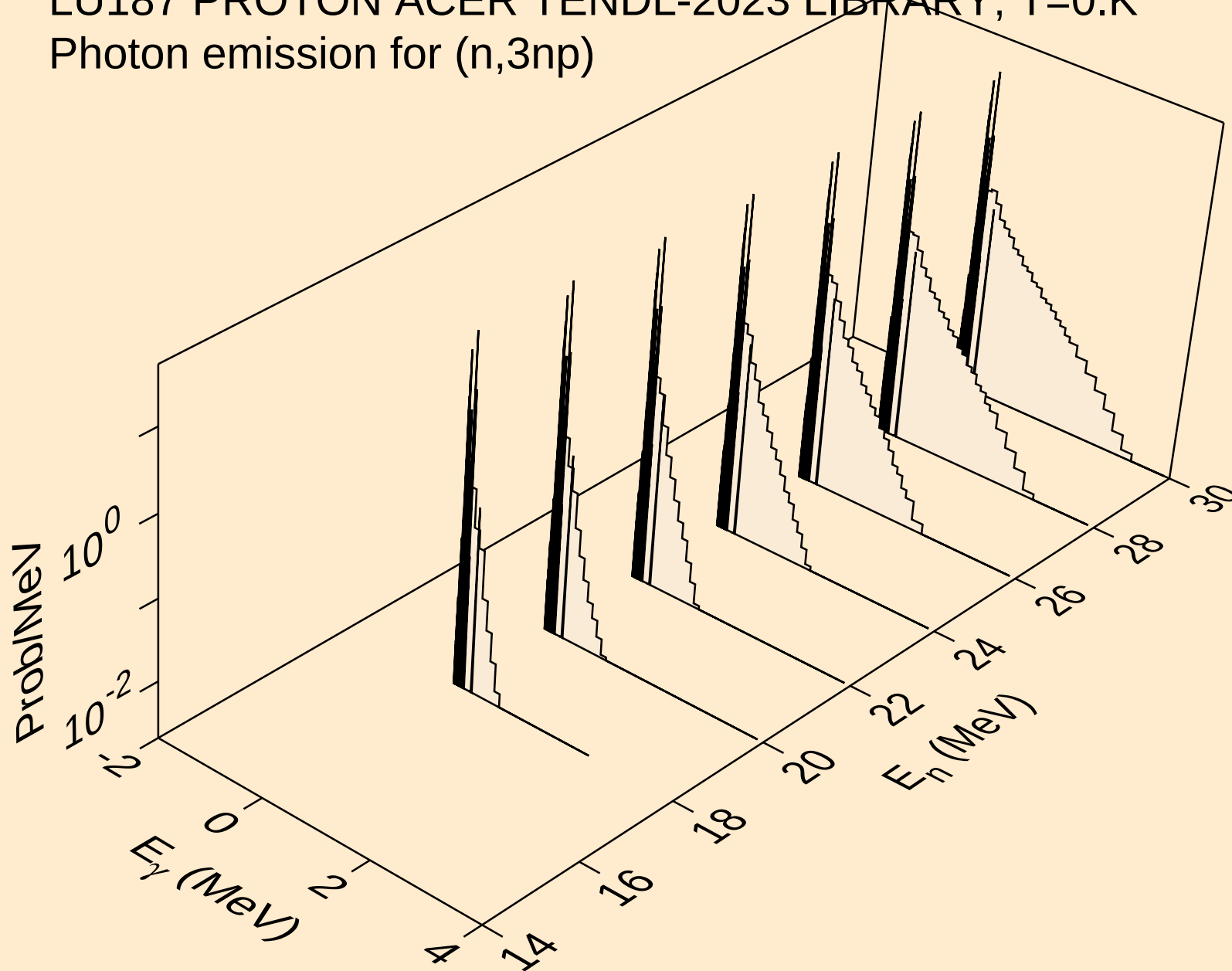
LU187 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,4n)



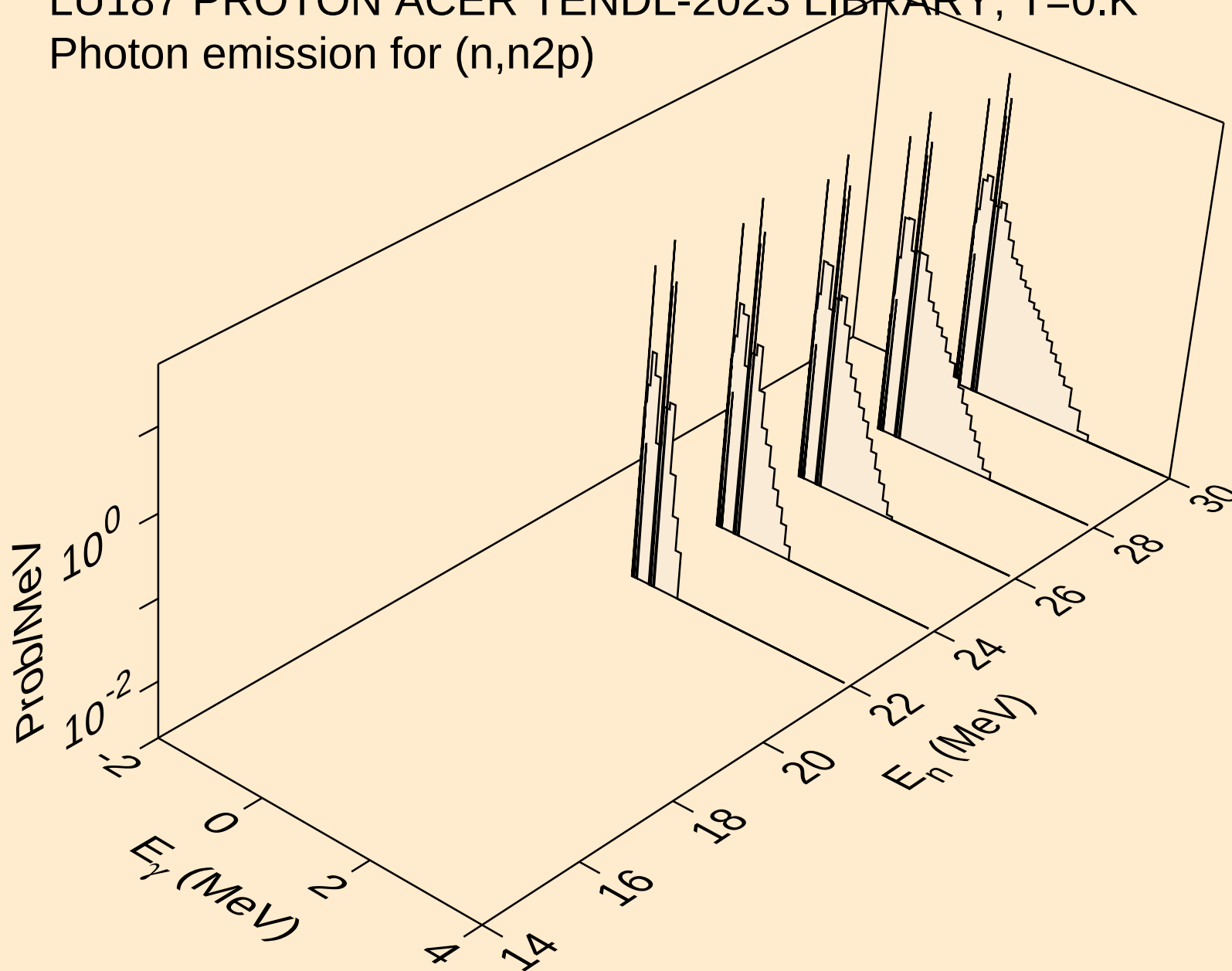
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



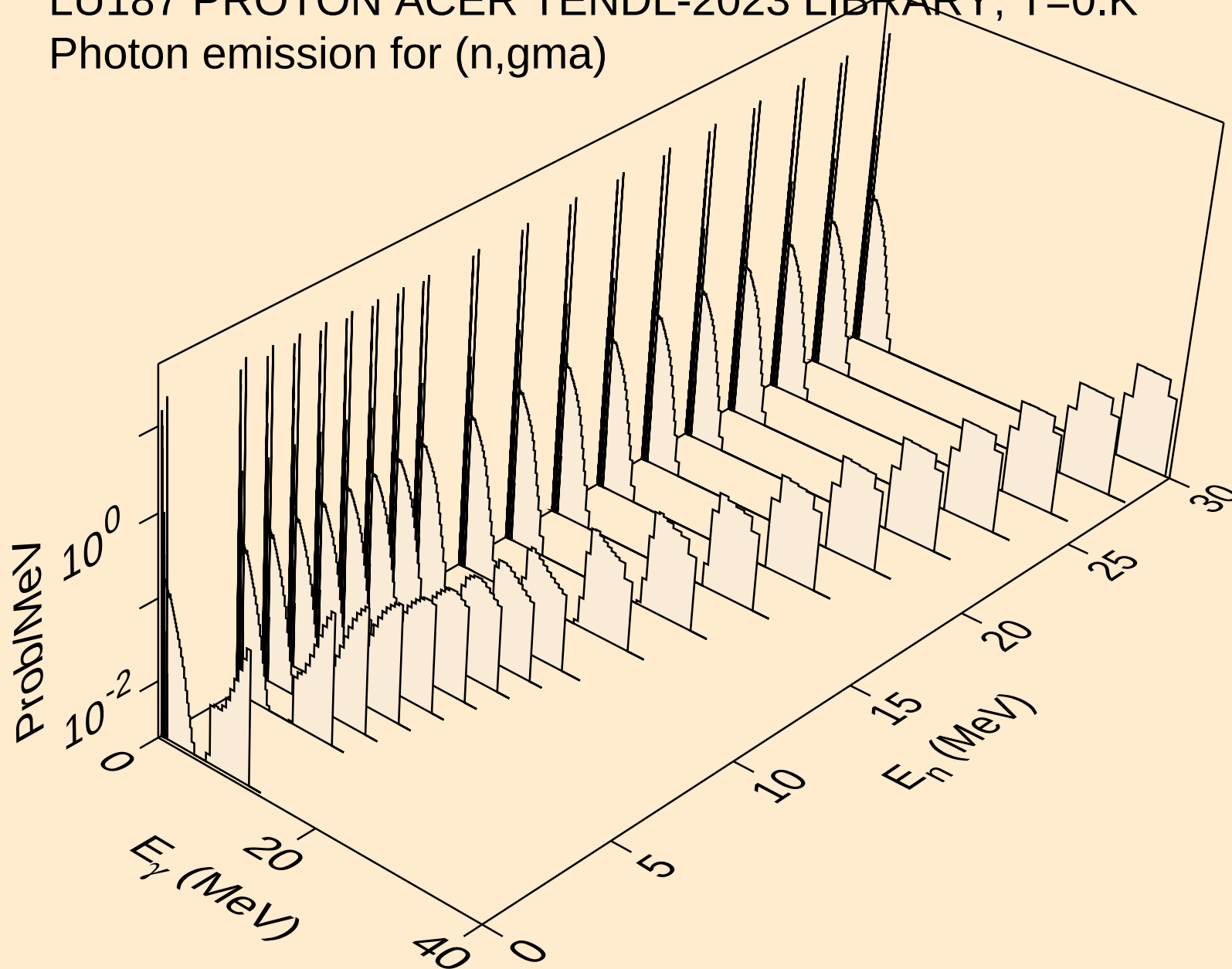
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



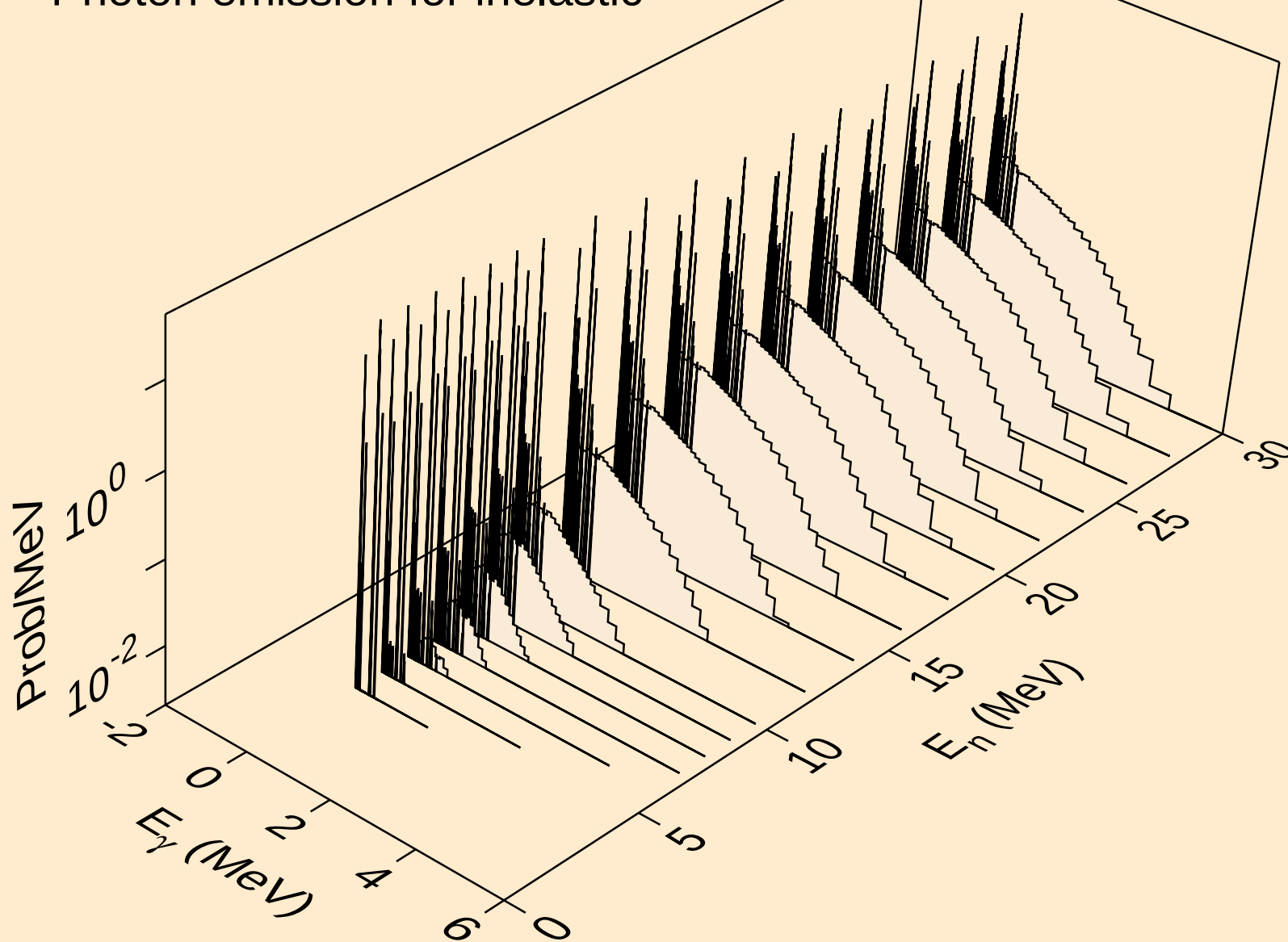
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



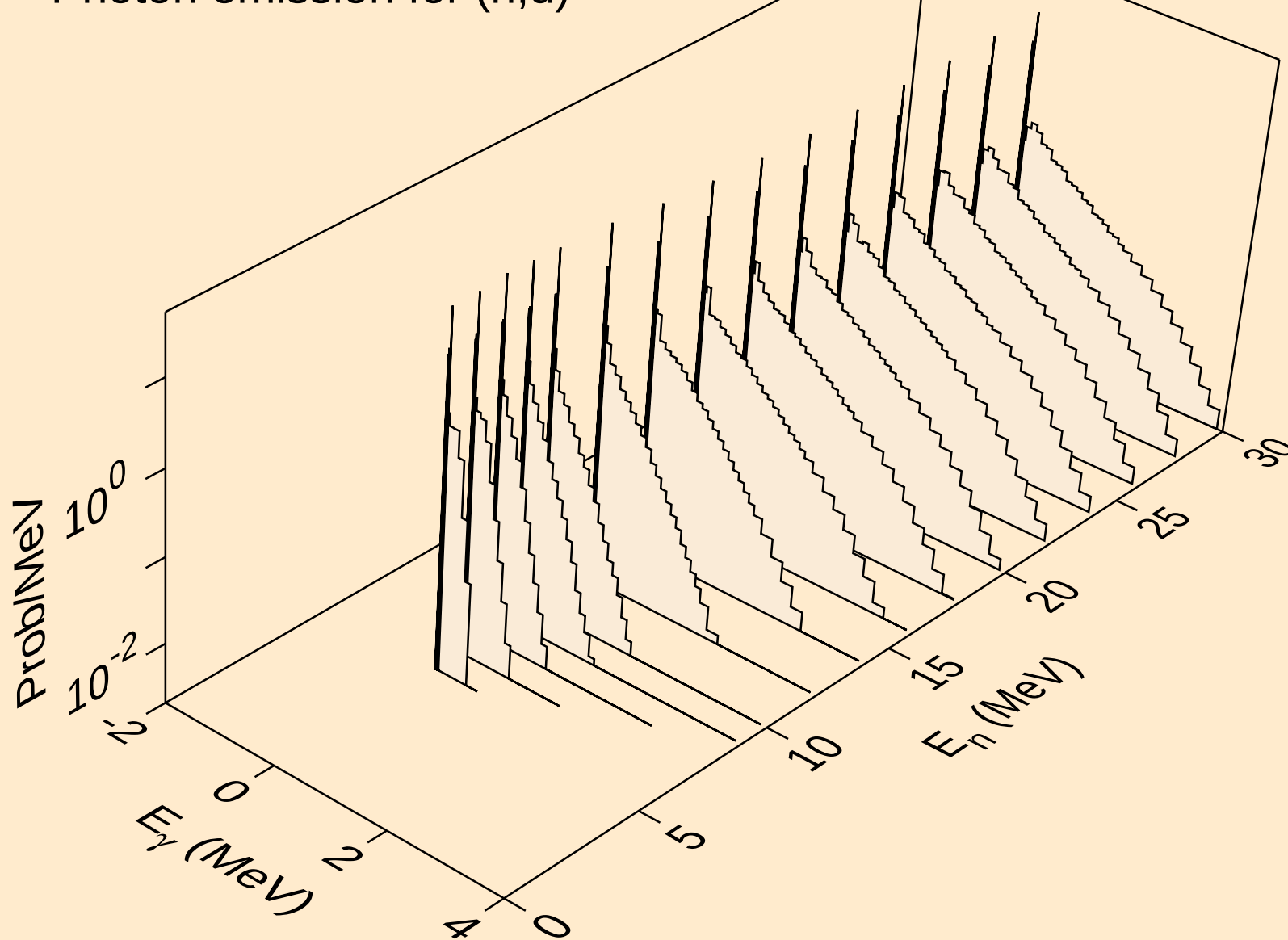
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



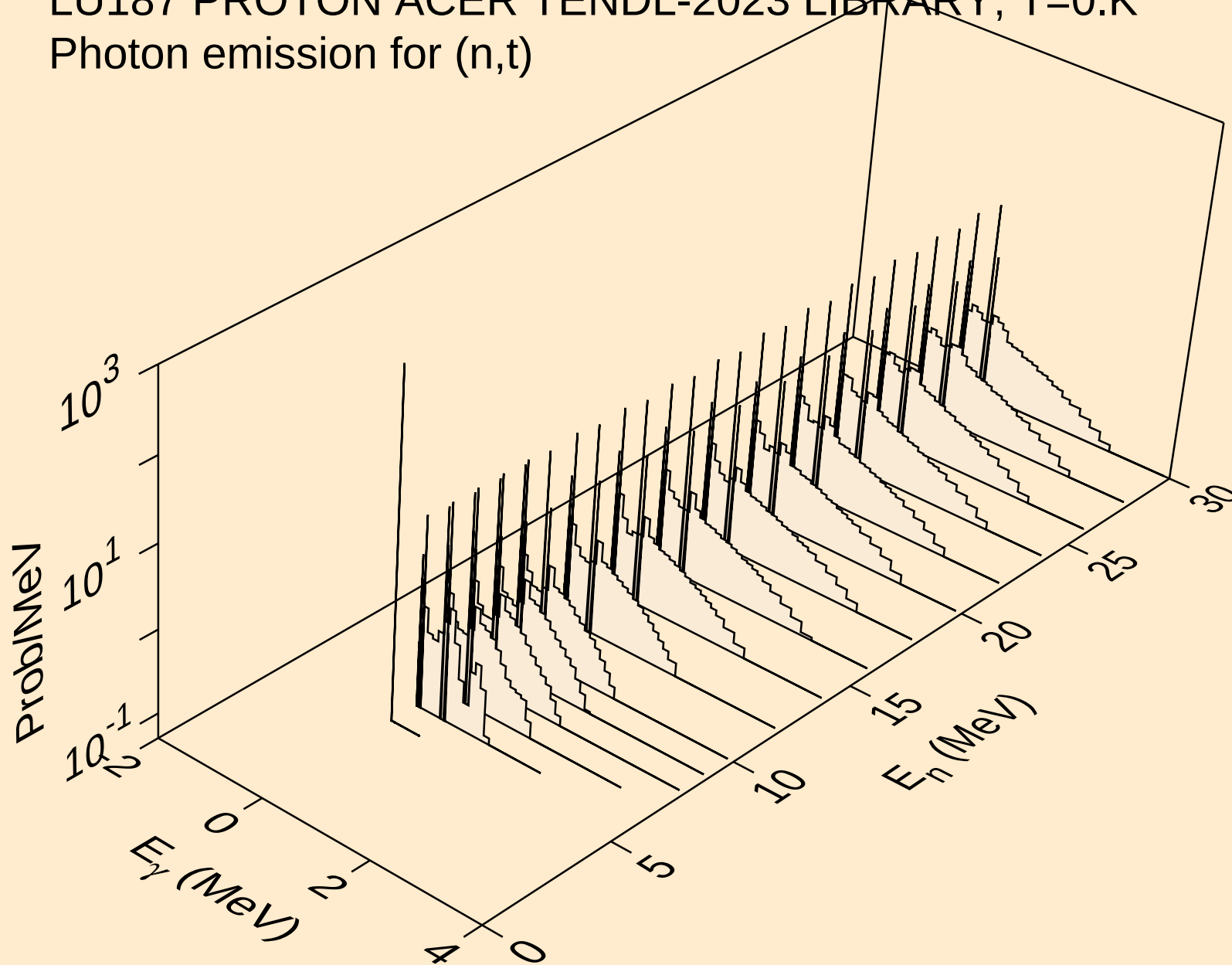
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



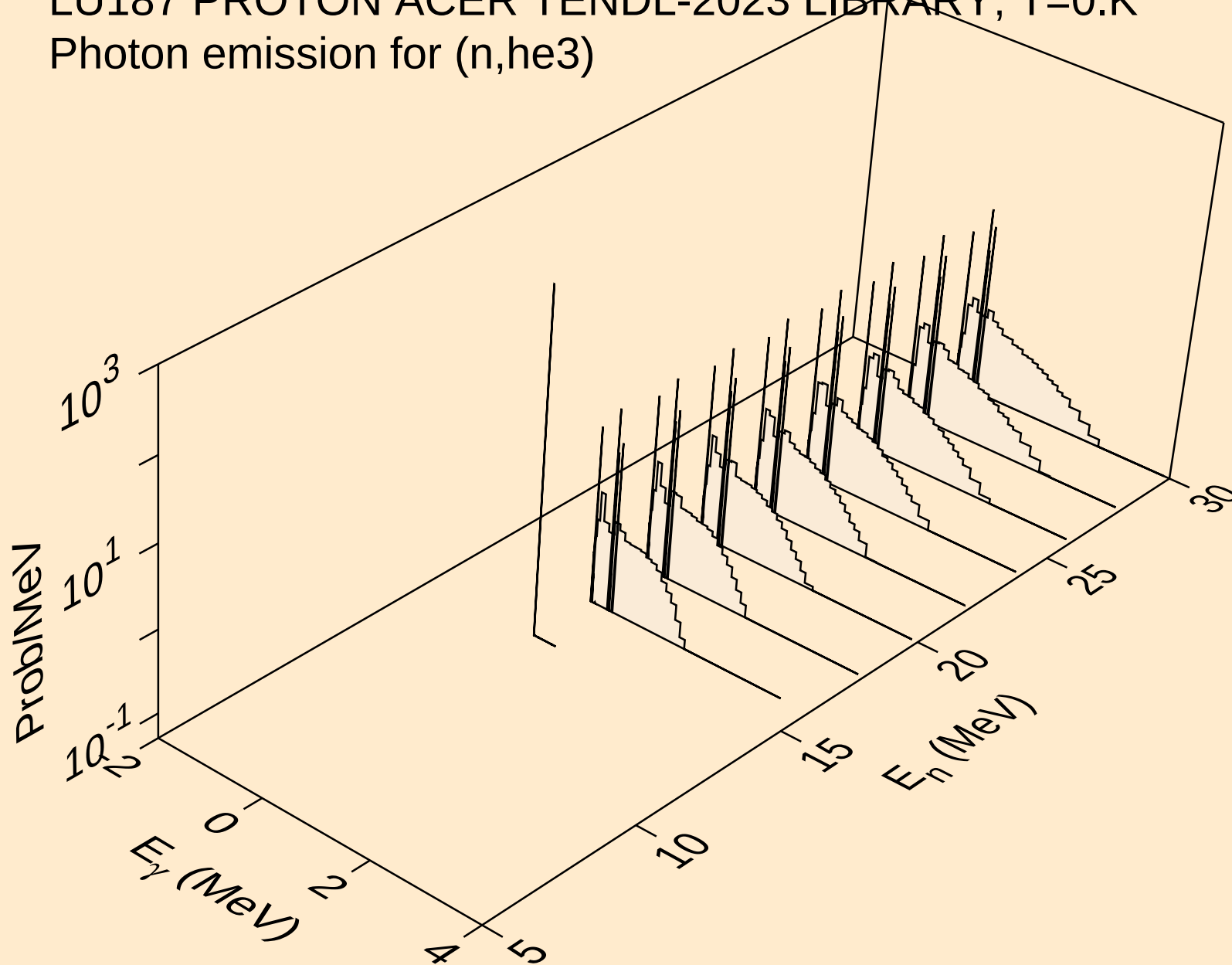
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



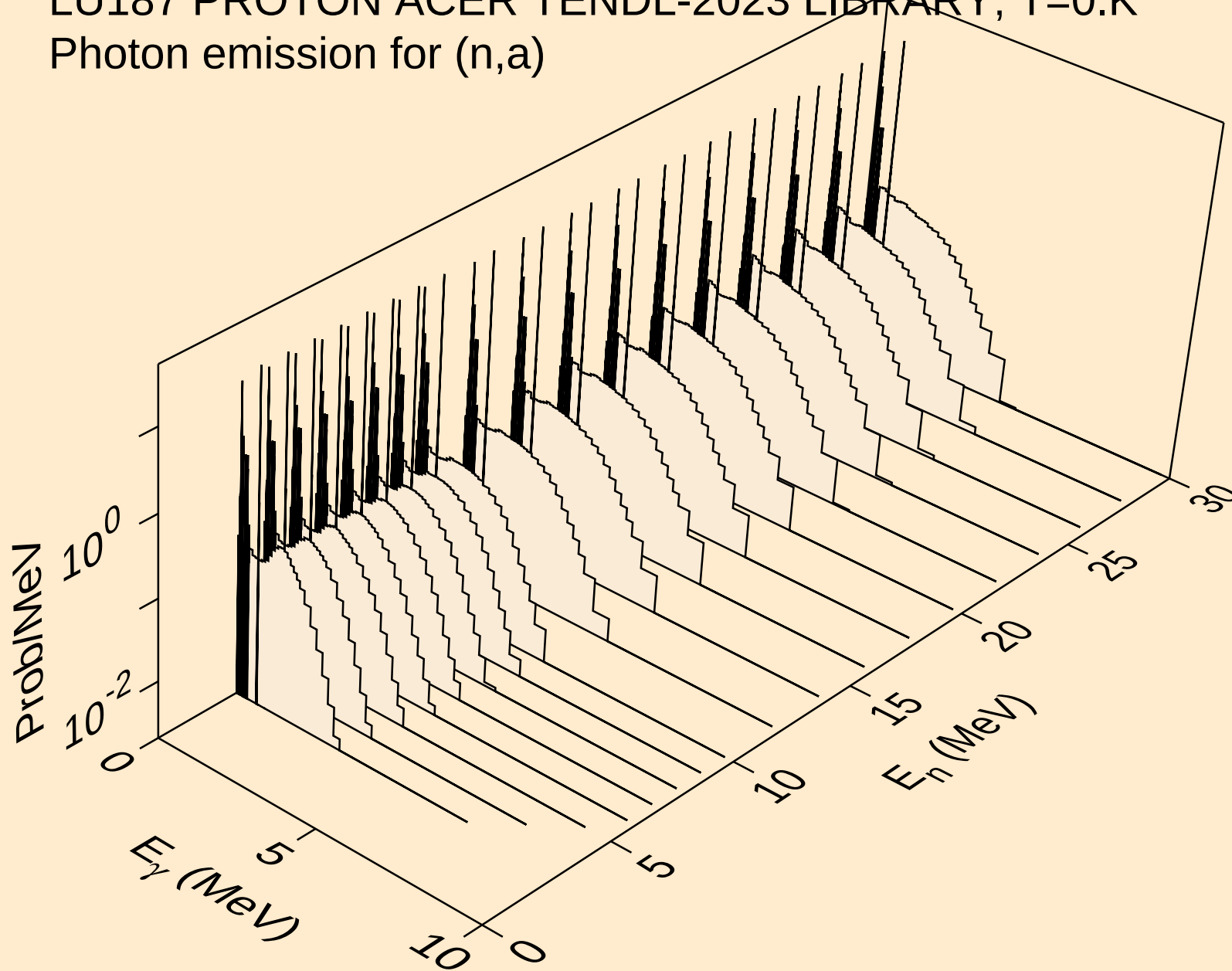
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



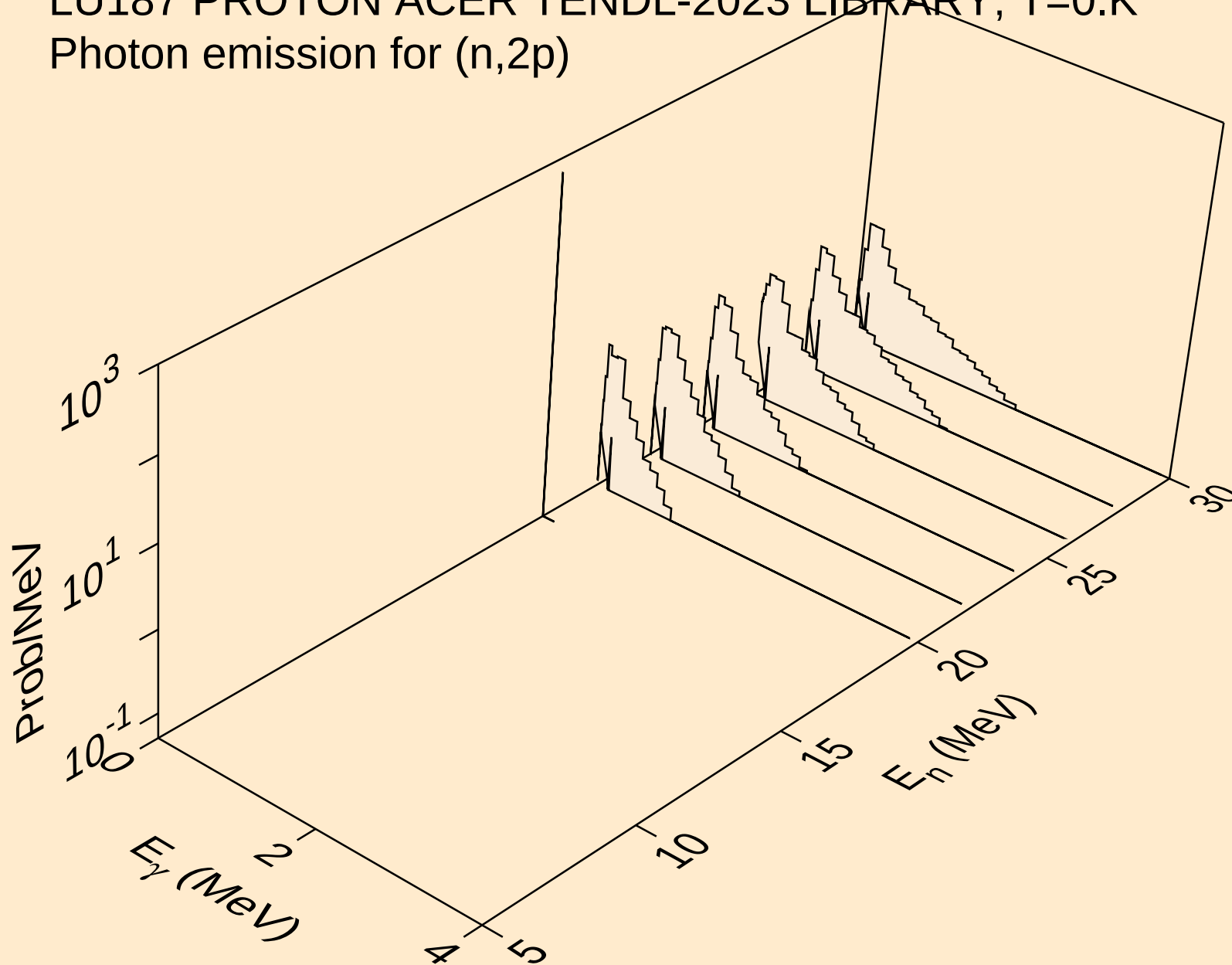
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



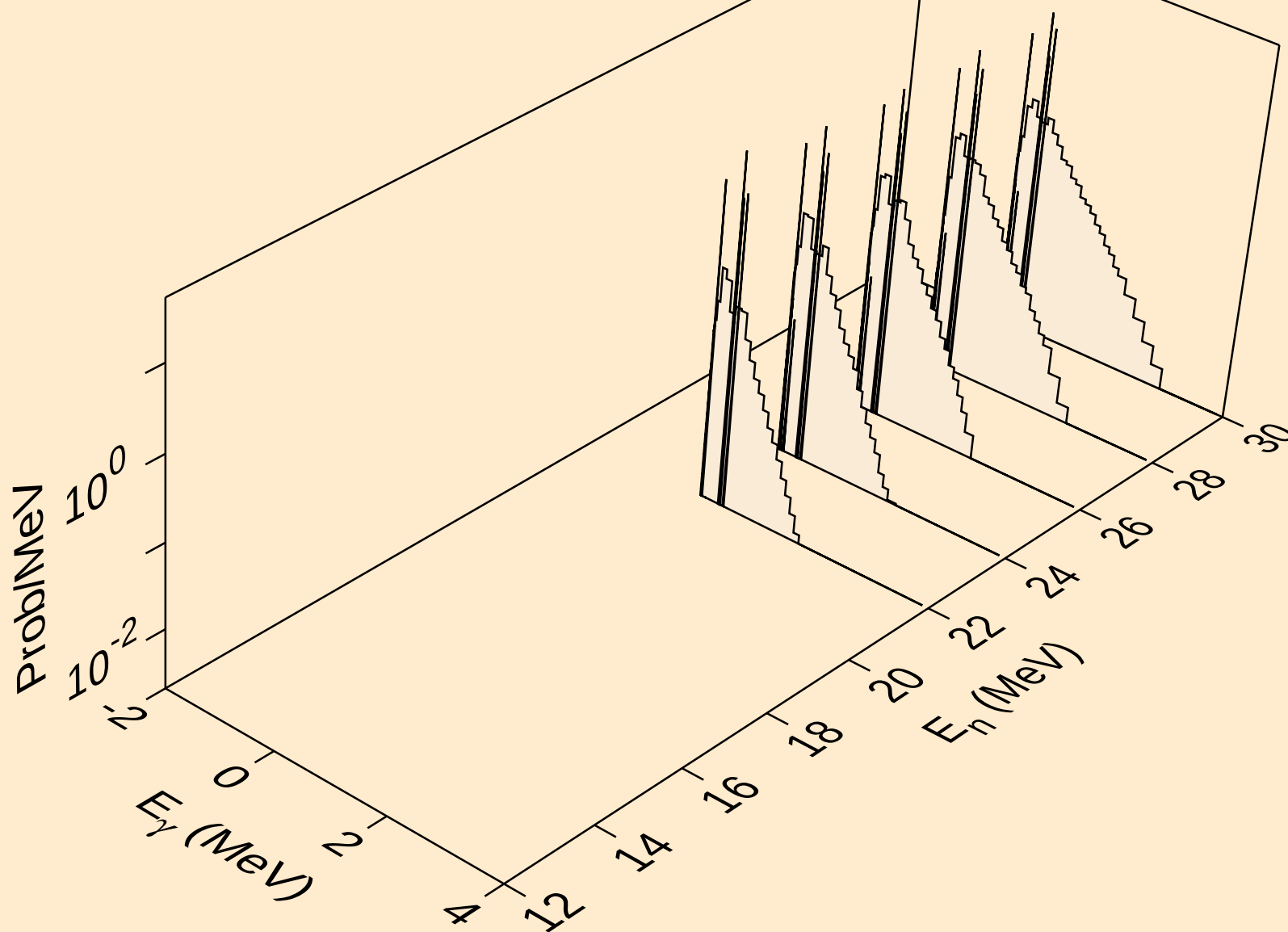
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)

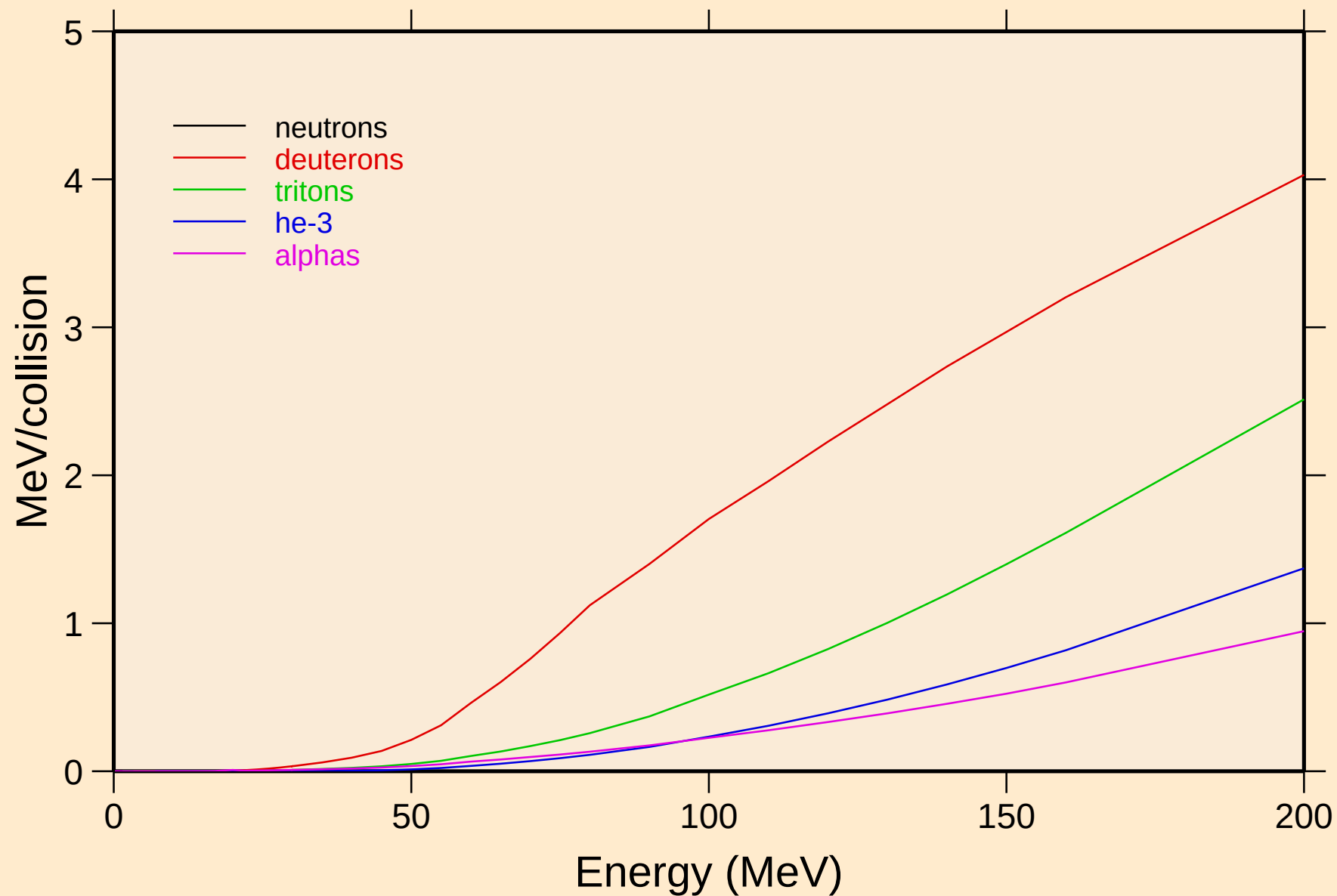


LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



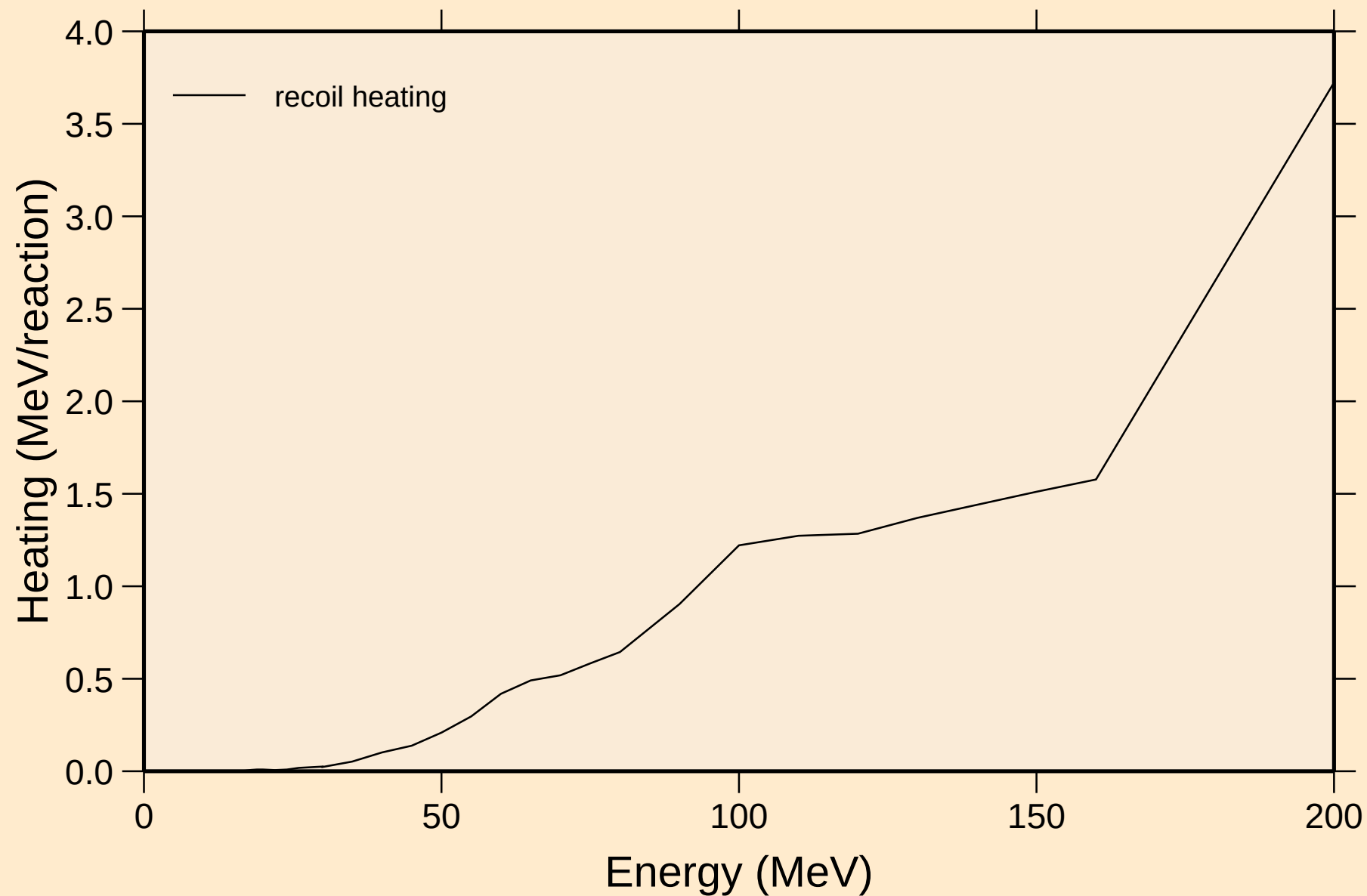
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



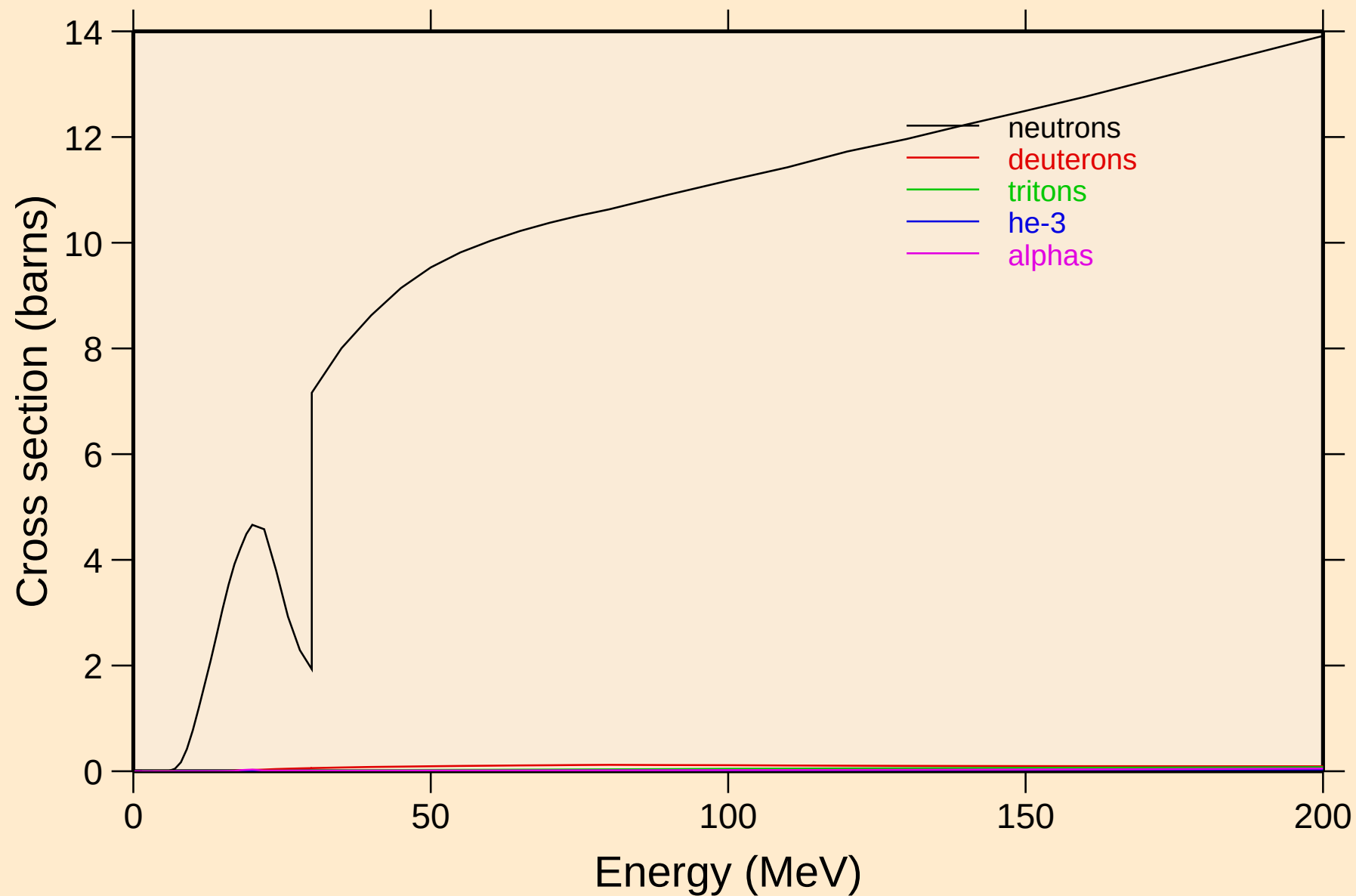
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

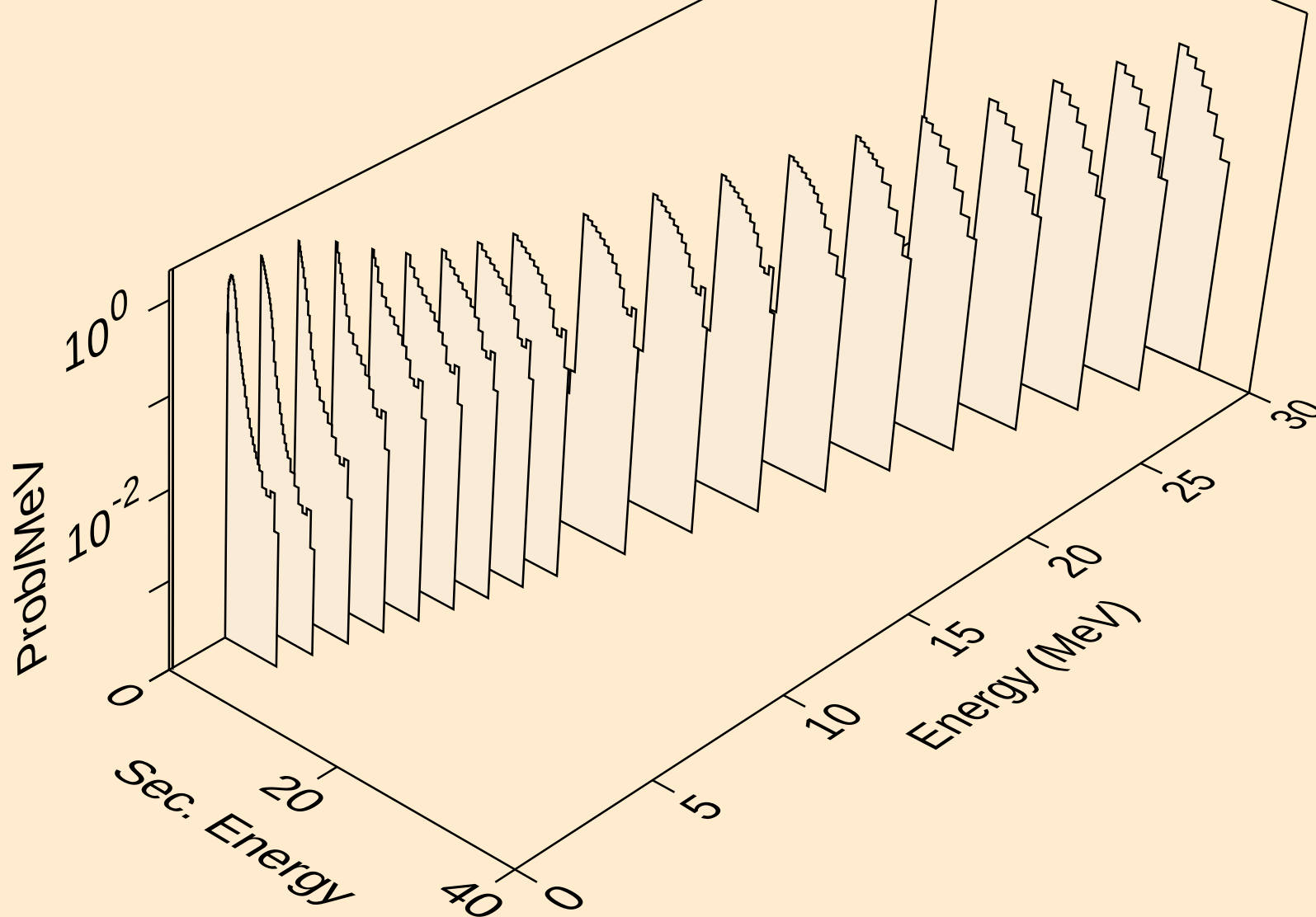


LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

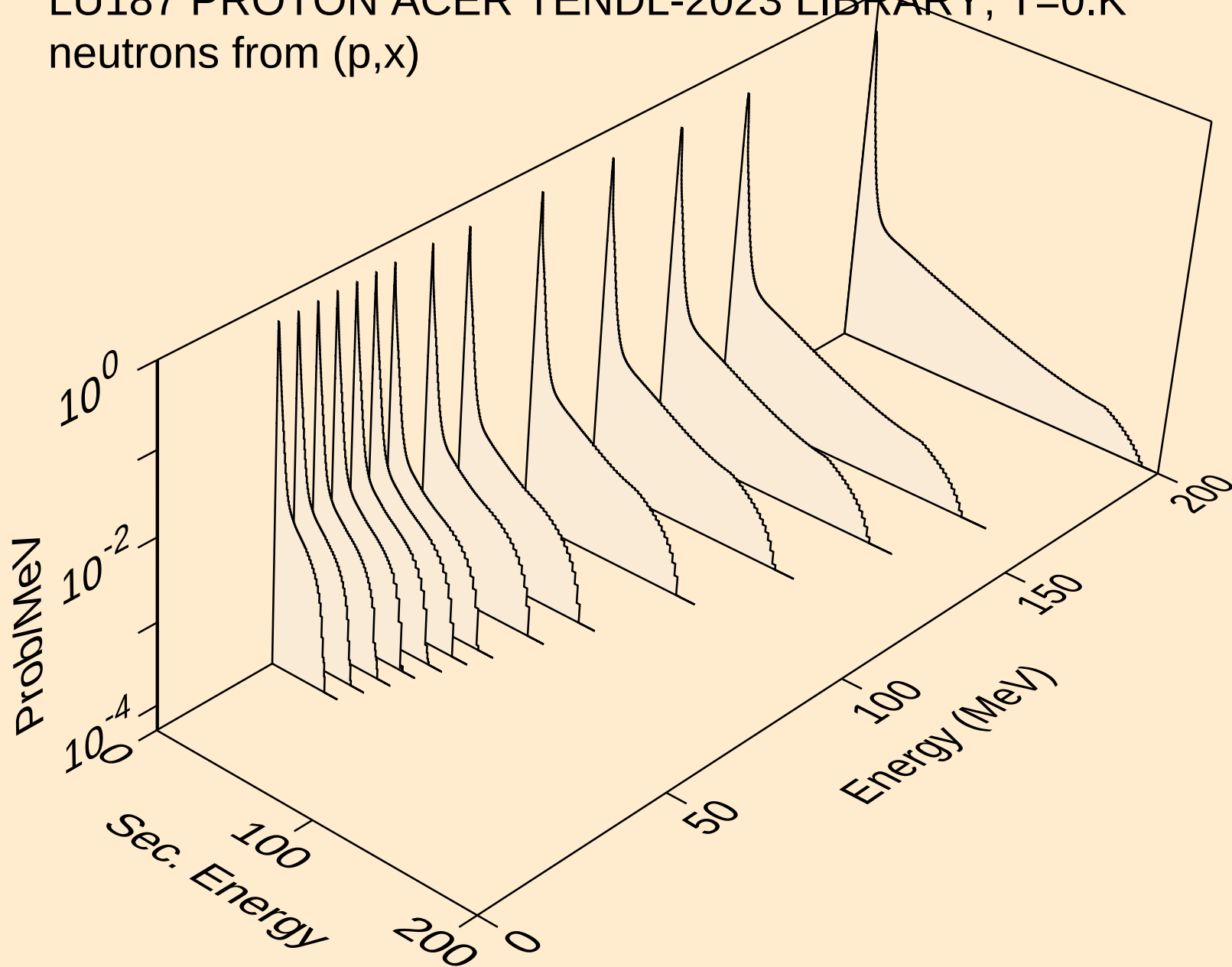
Particle production cross sections



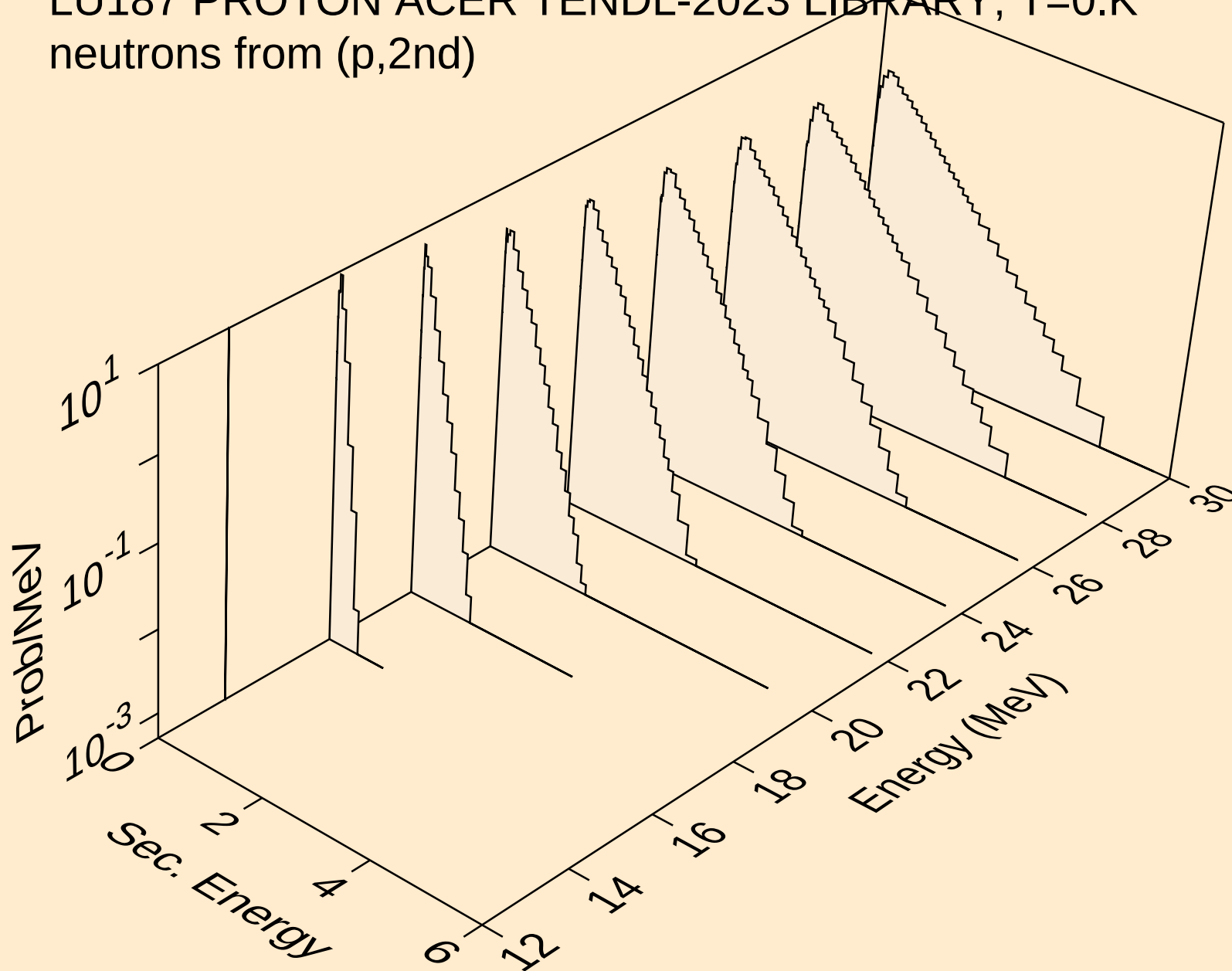
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



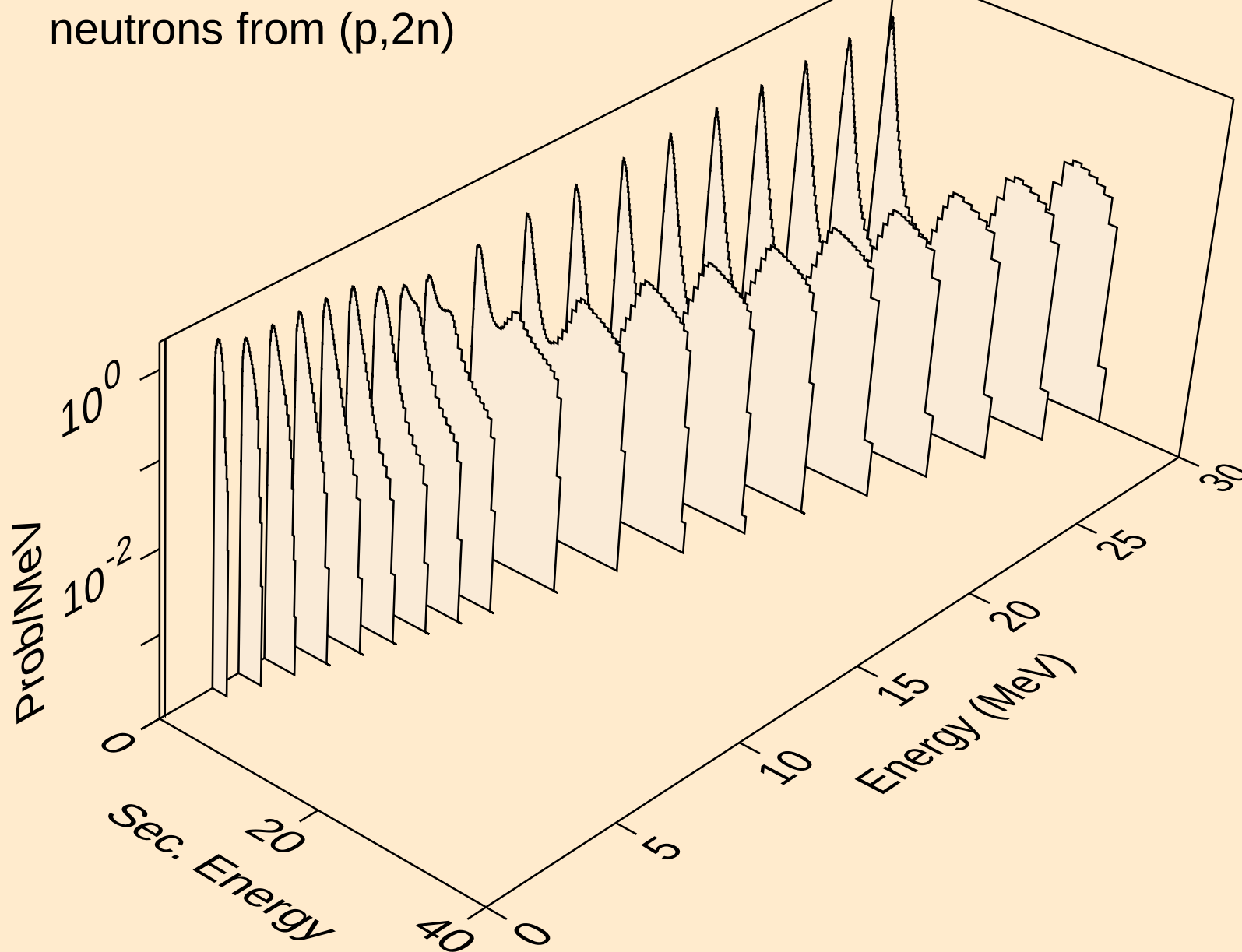
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



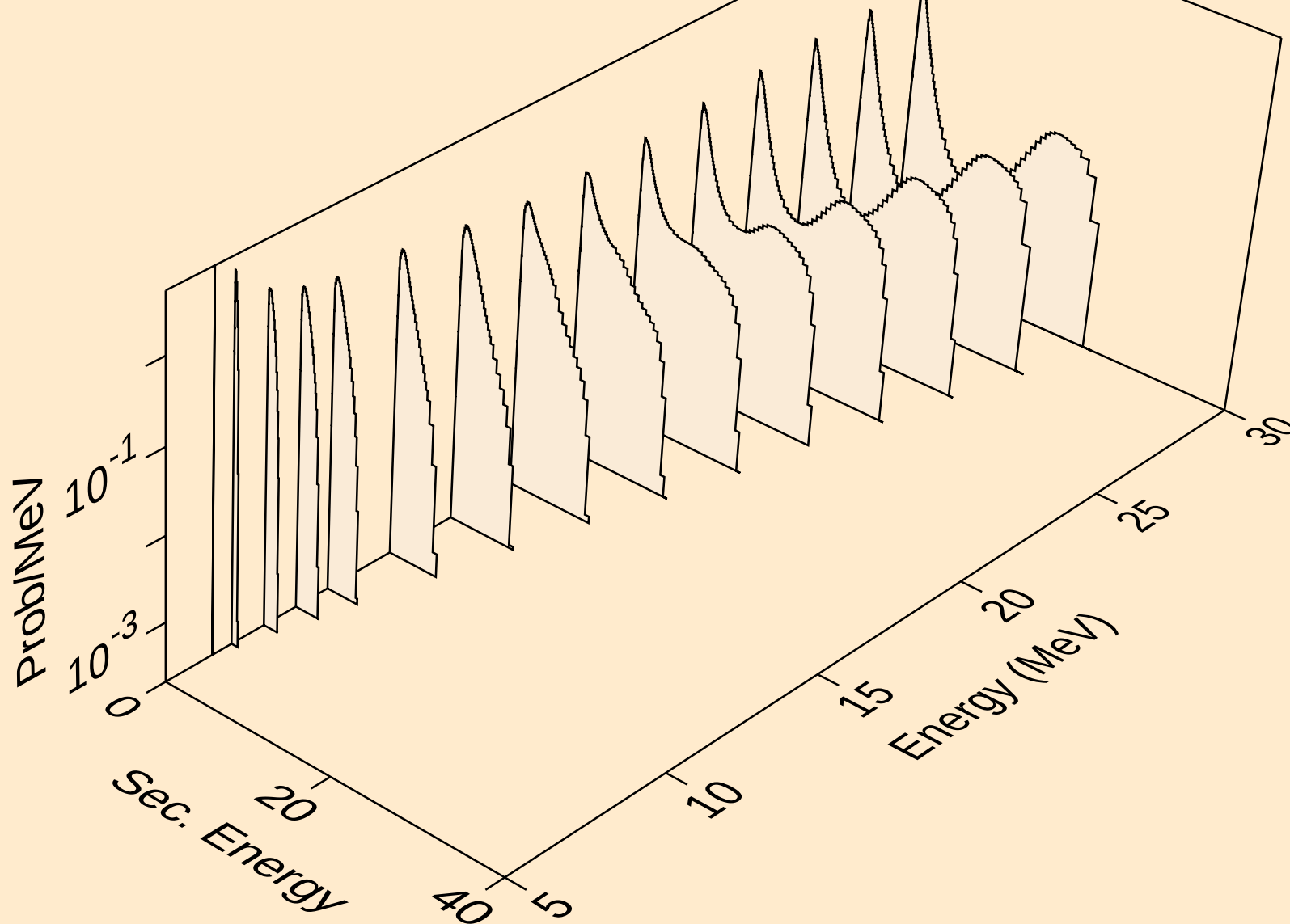
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2nd)



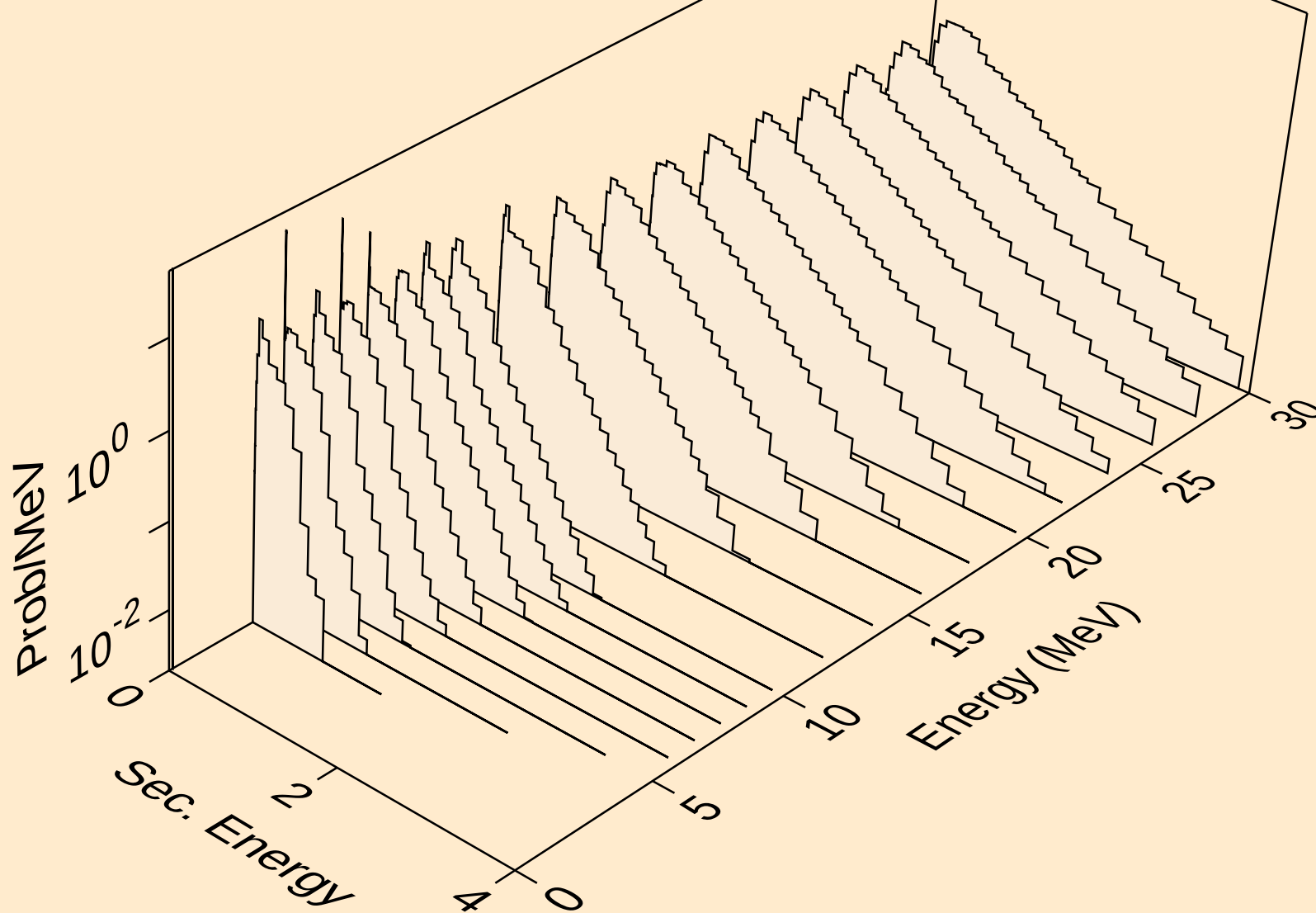
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



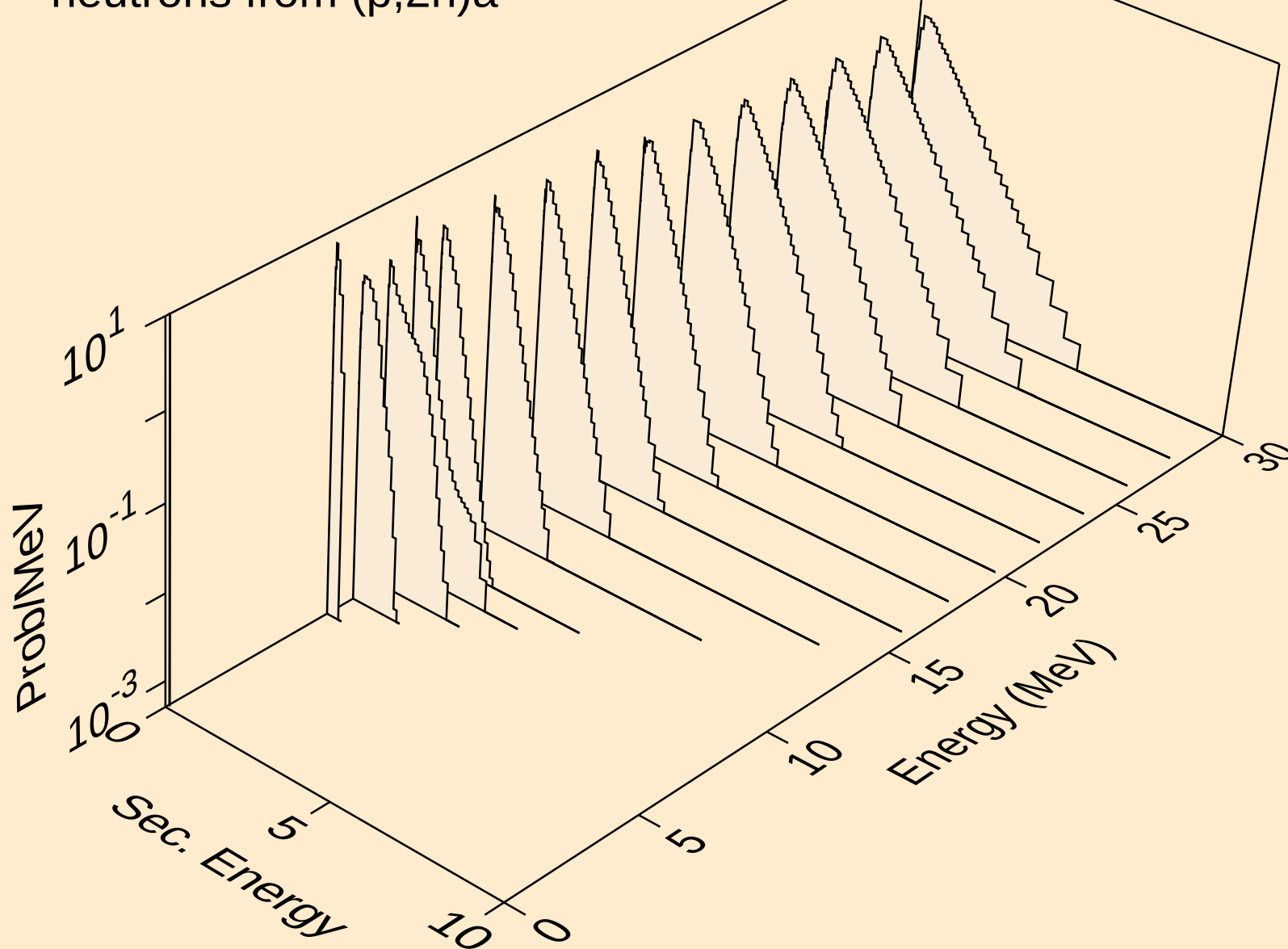
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



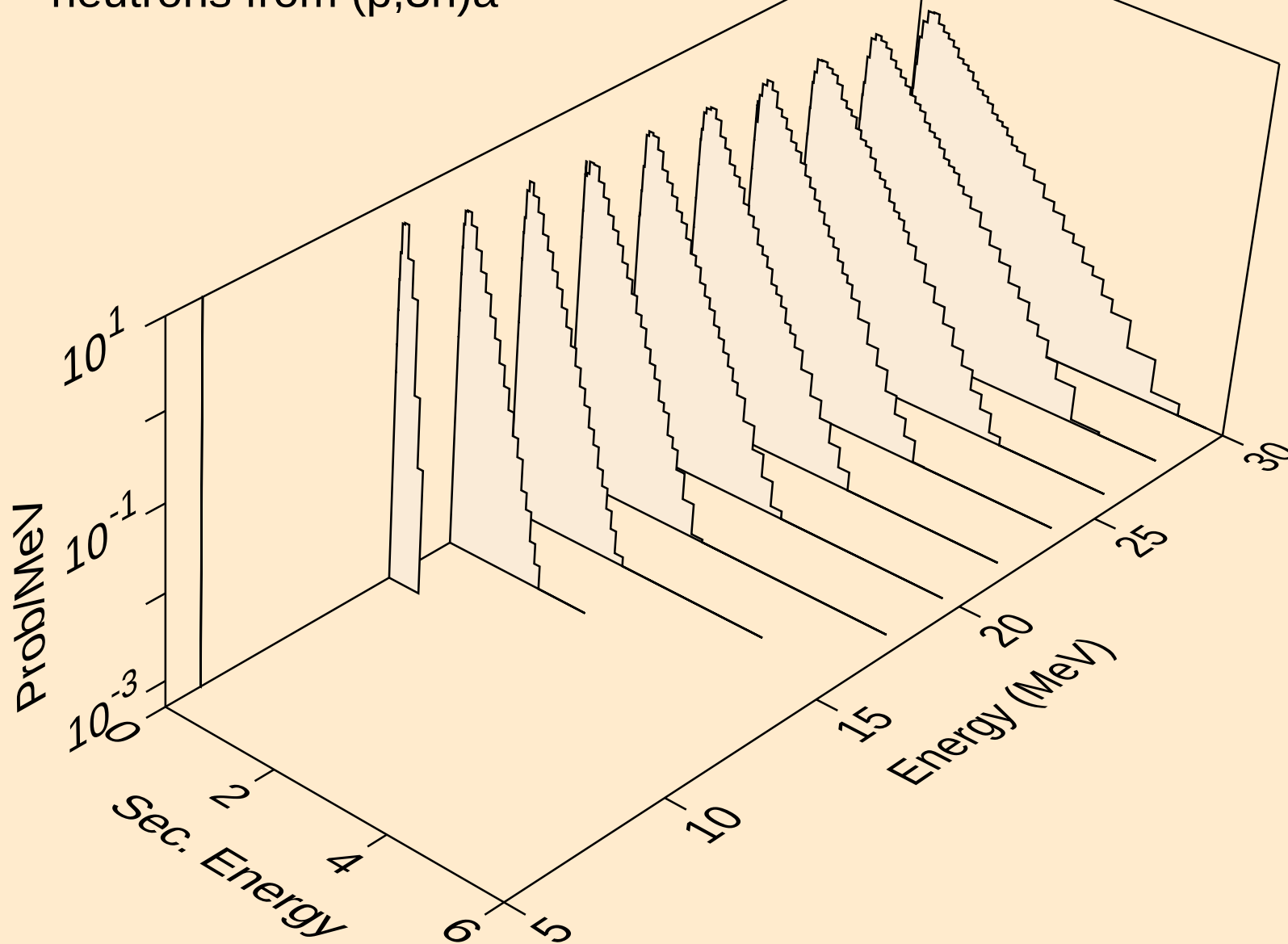
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)a



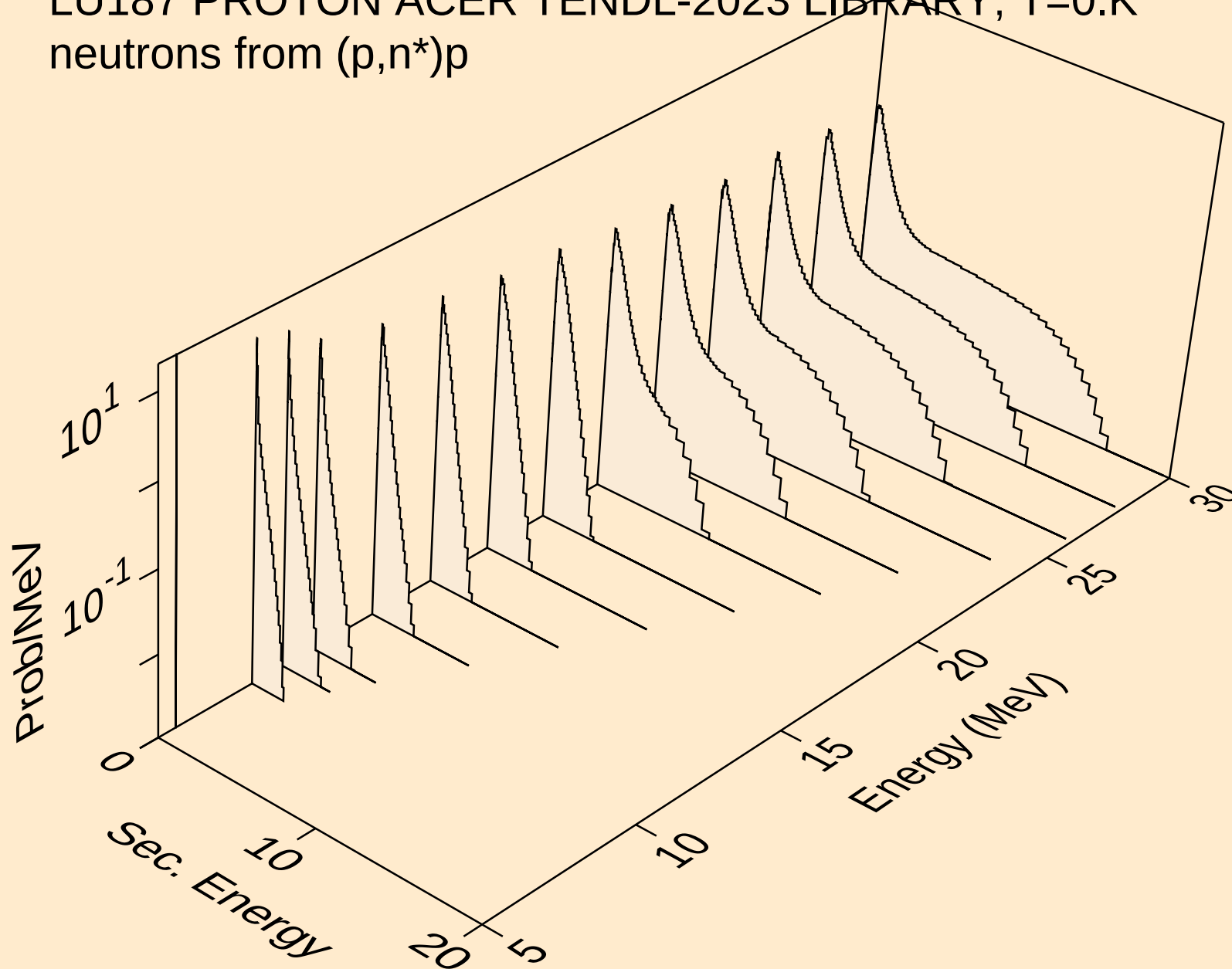
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



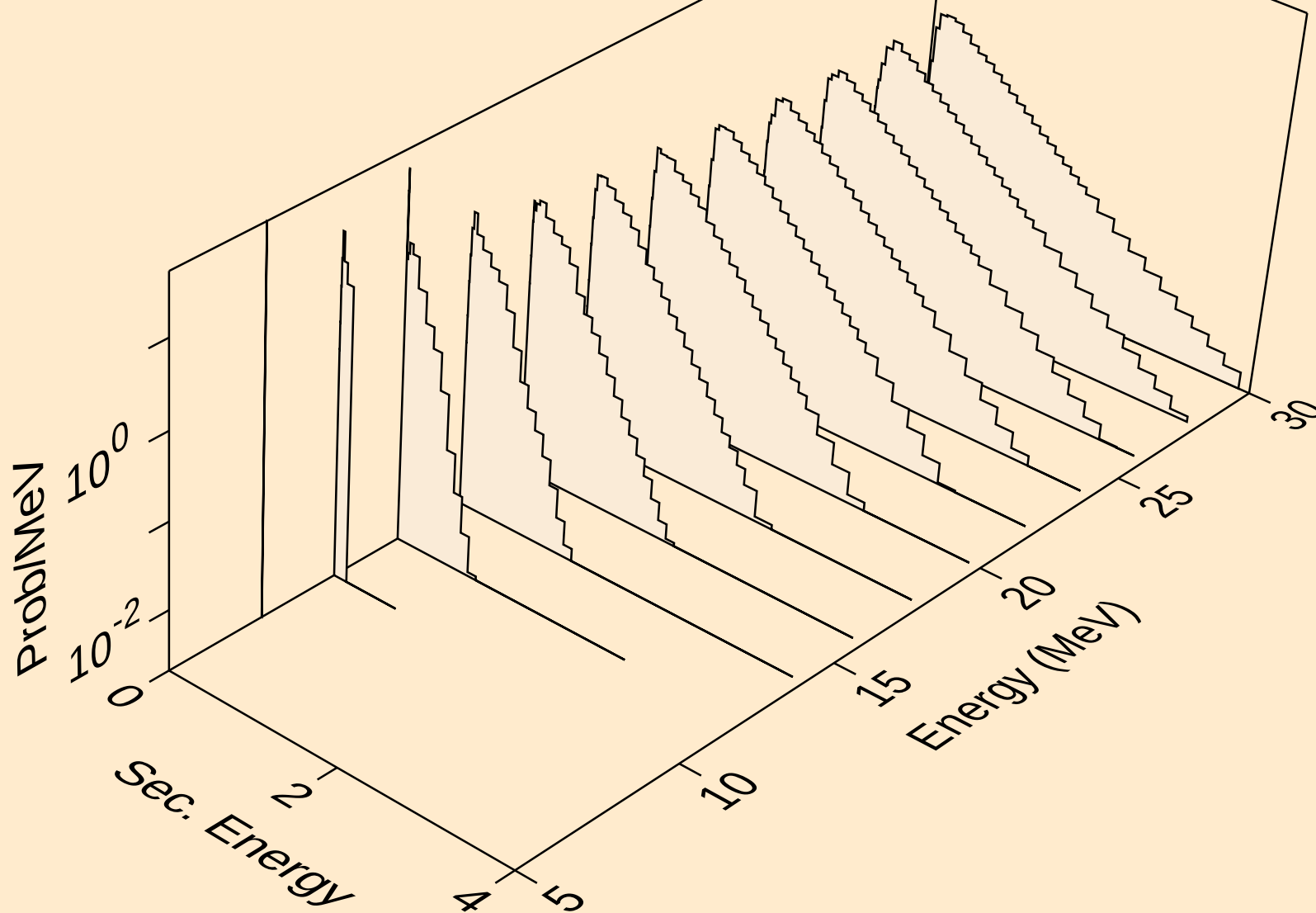
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)a



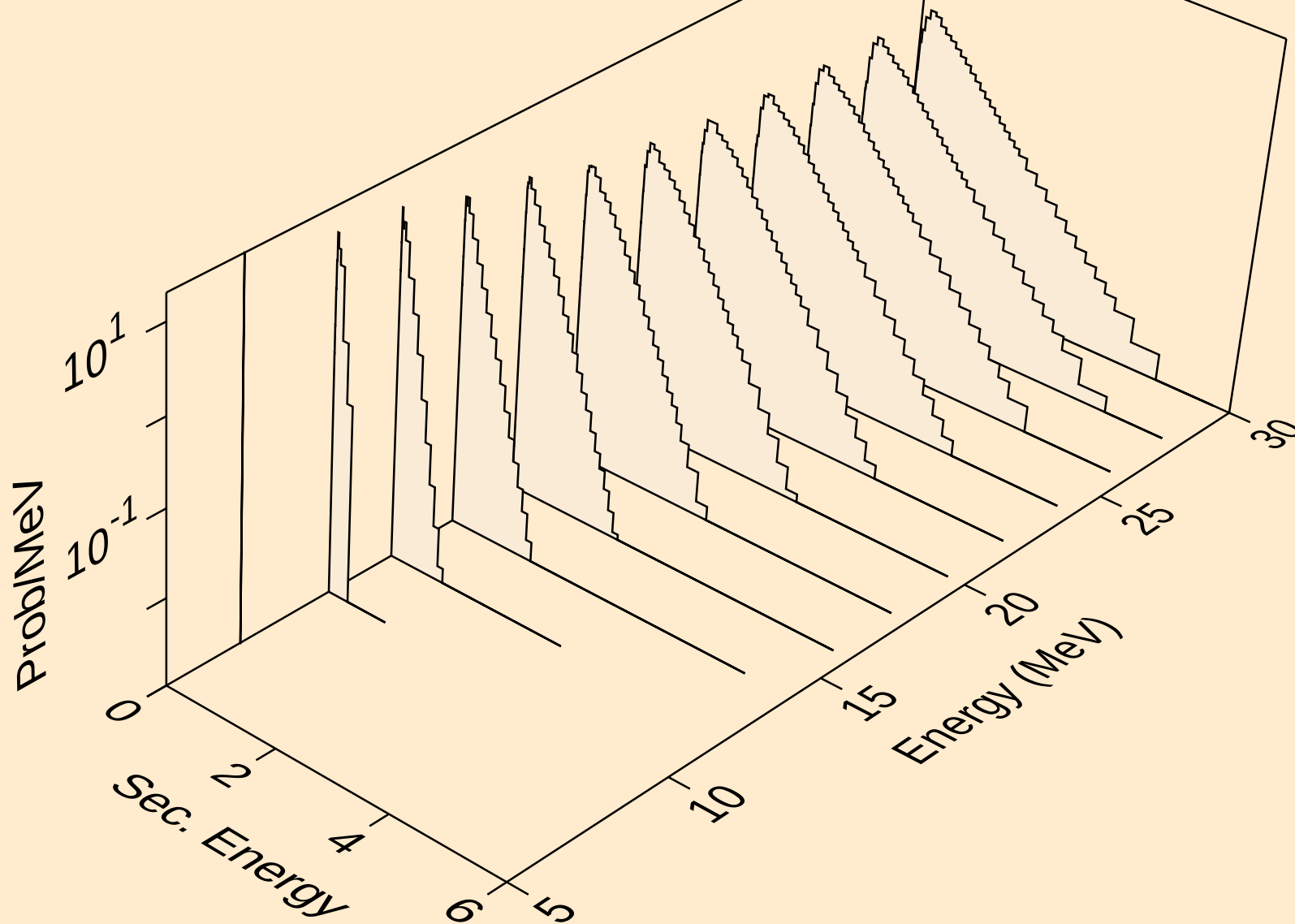
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)p



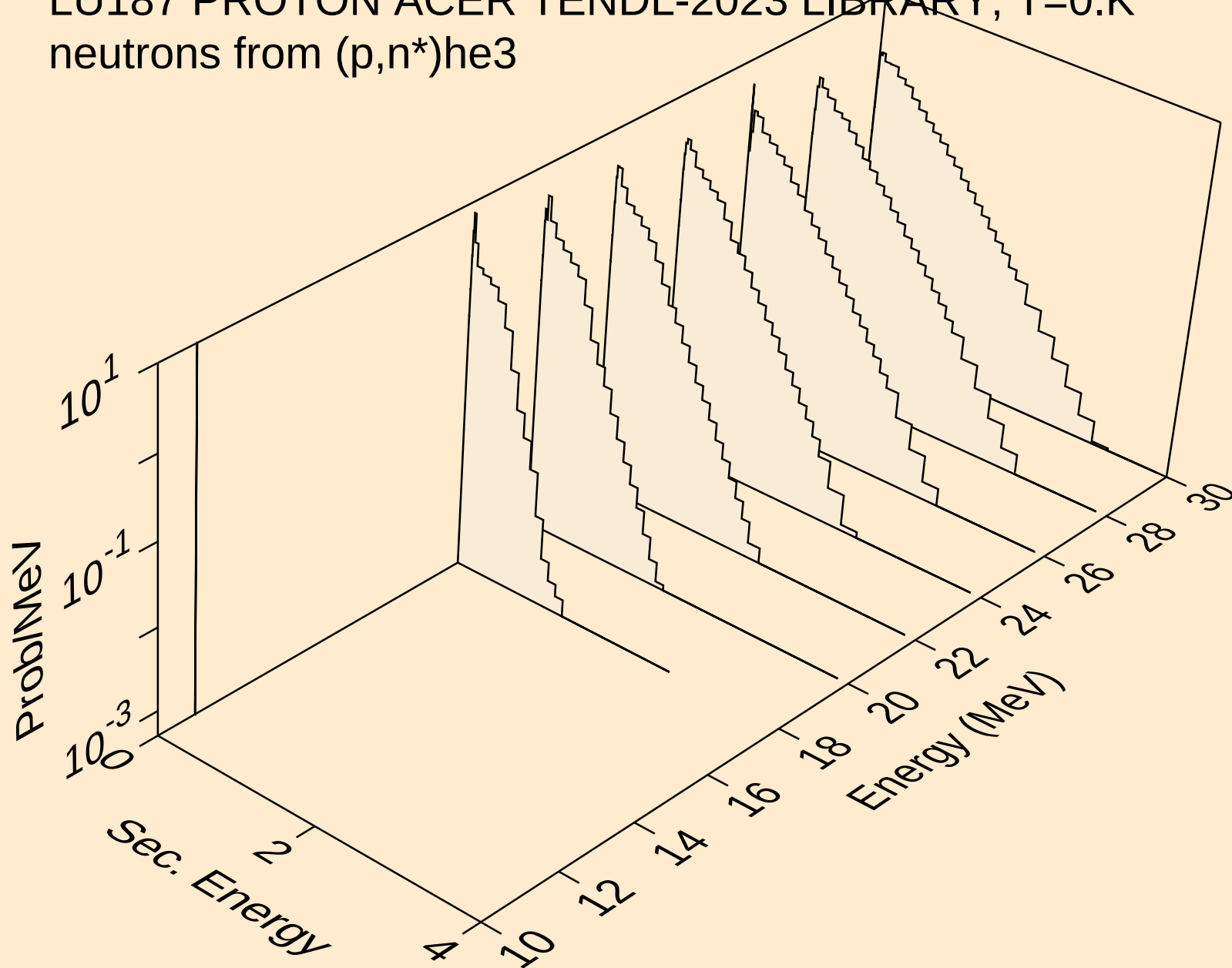
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)d



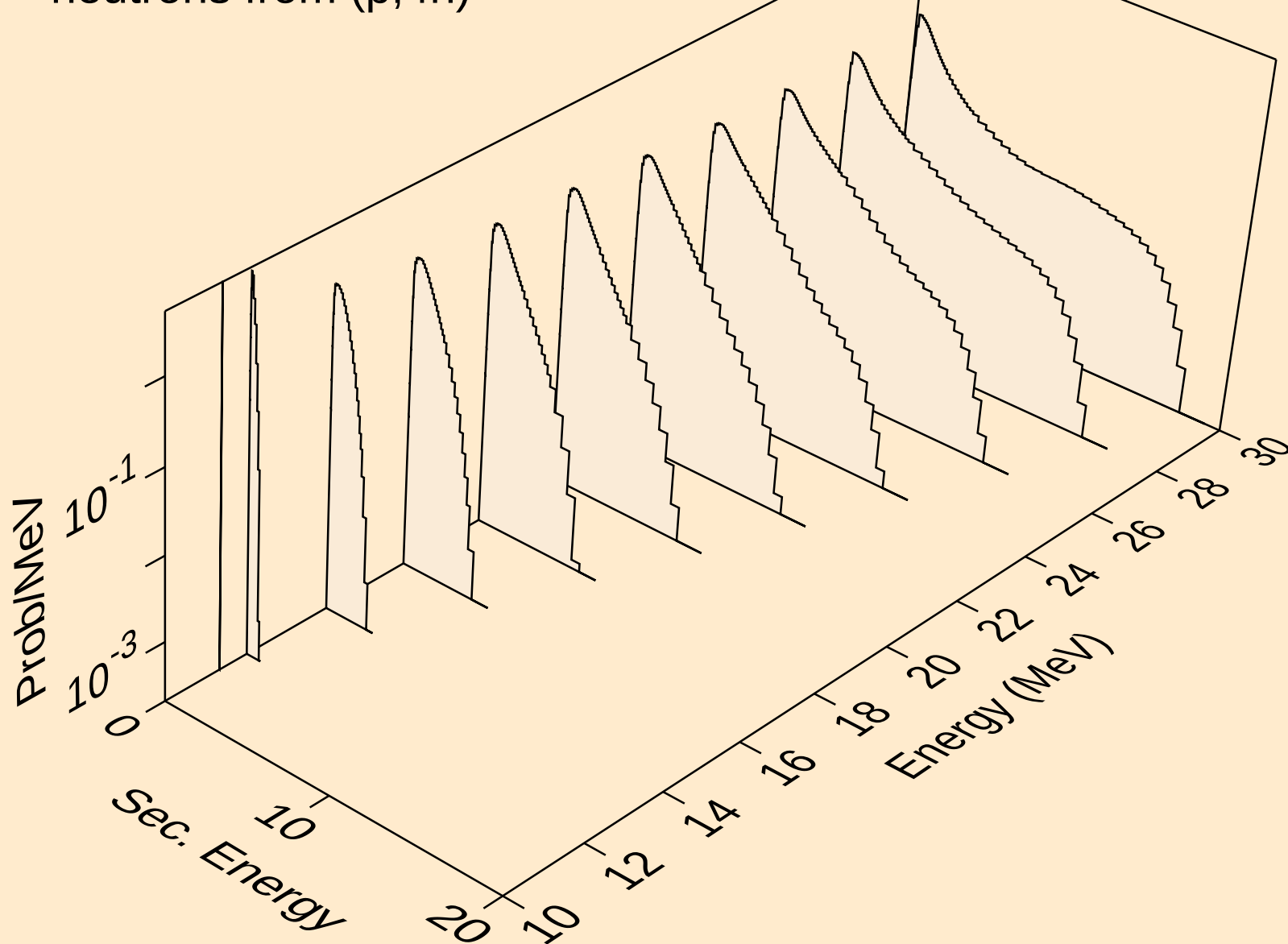
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t



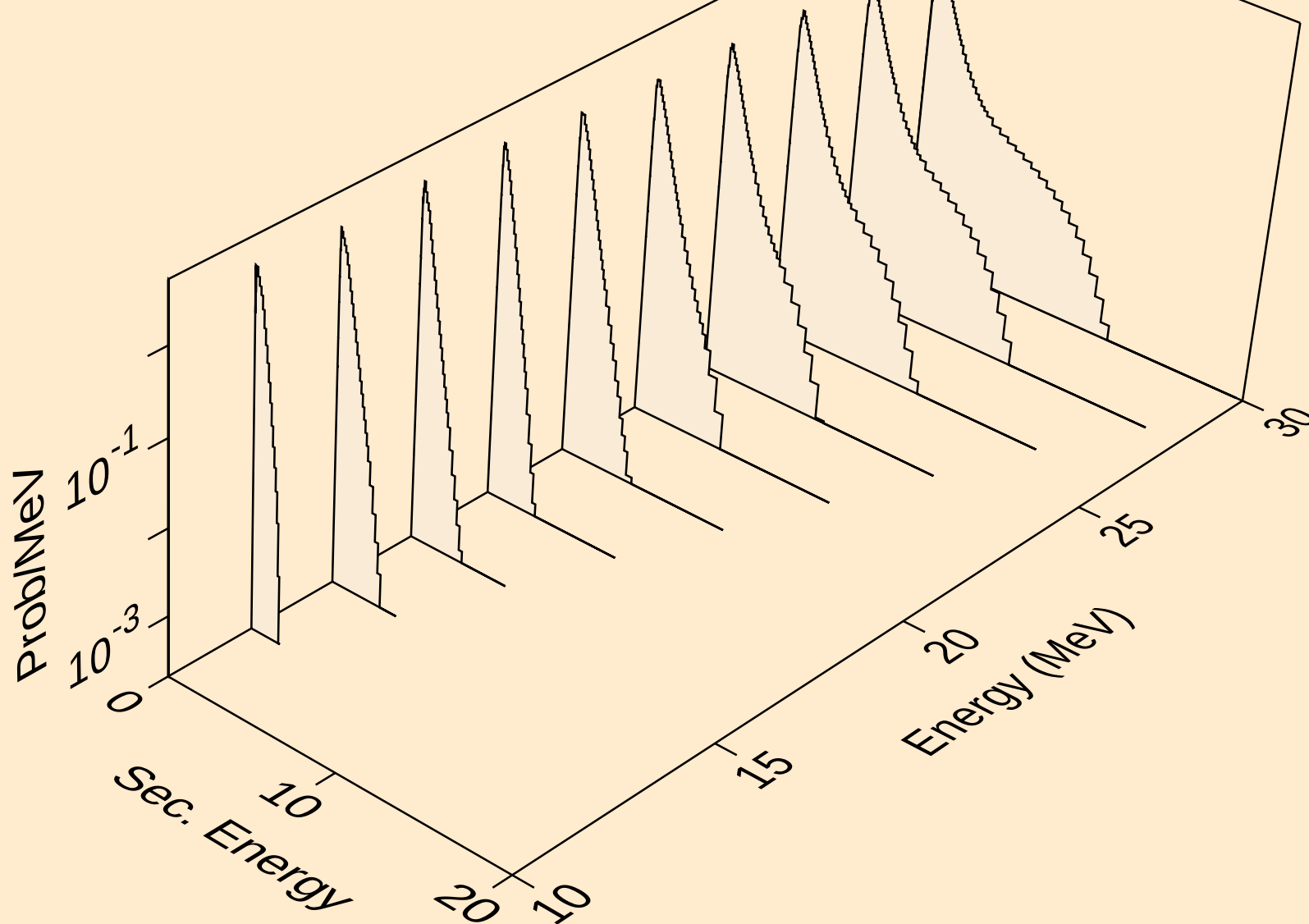
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



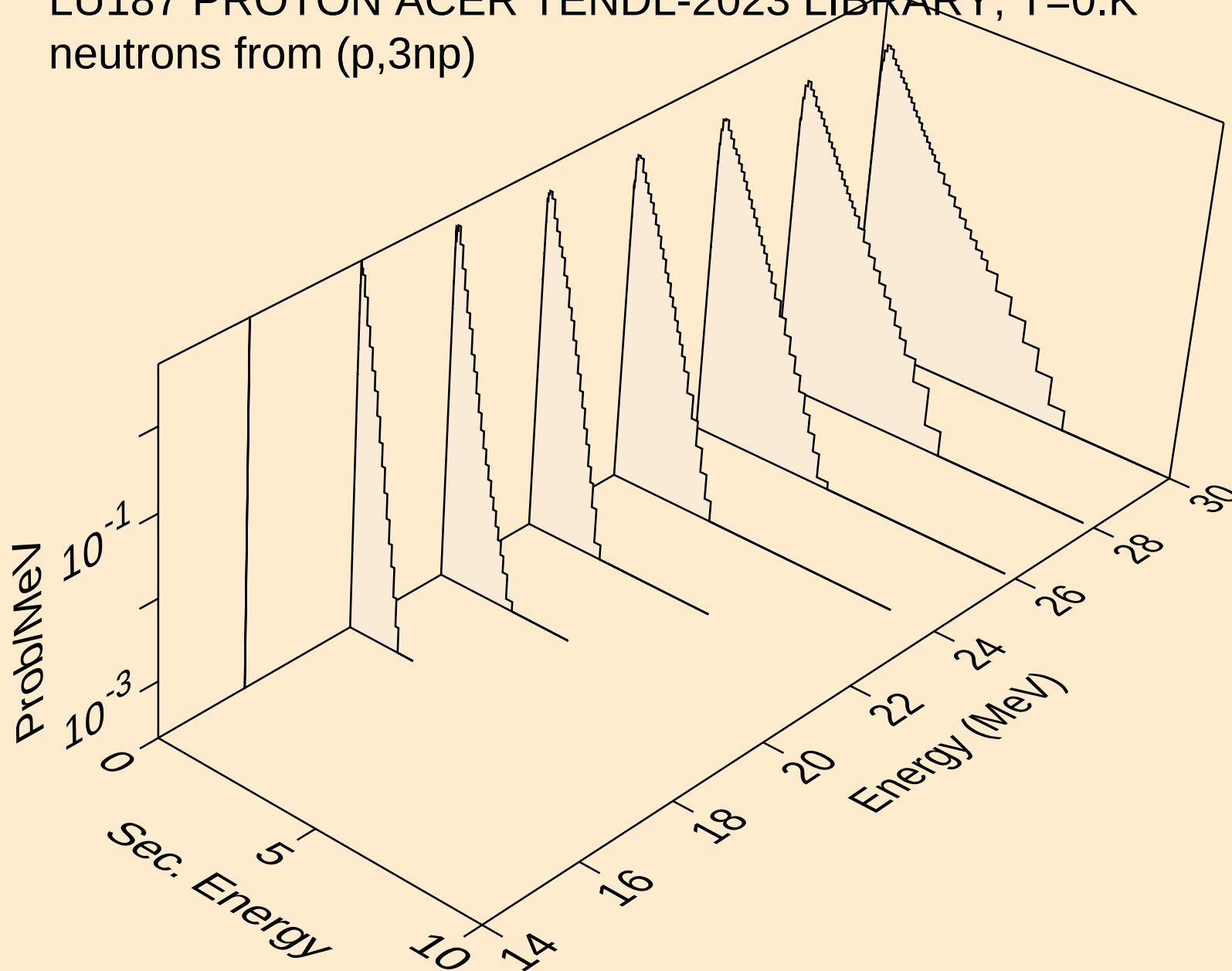
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,4n)



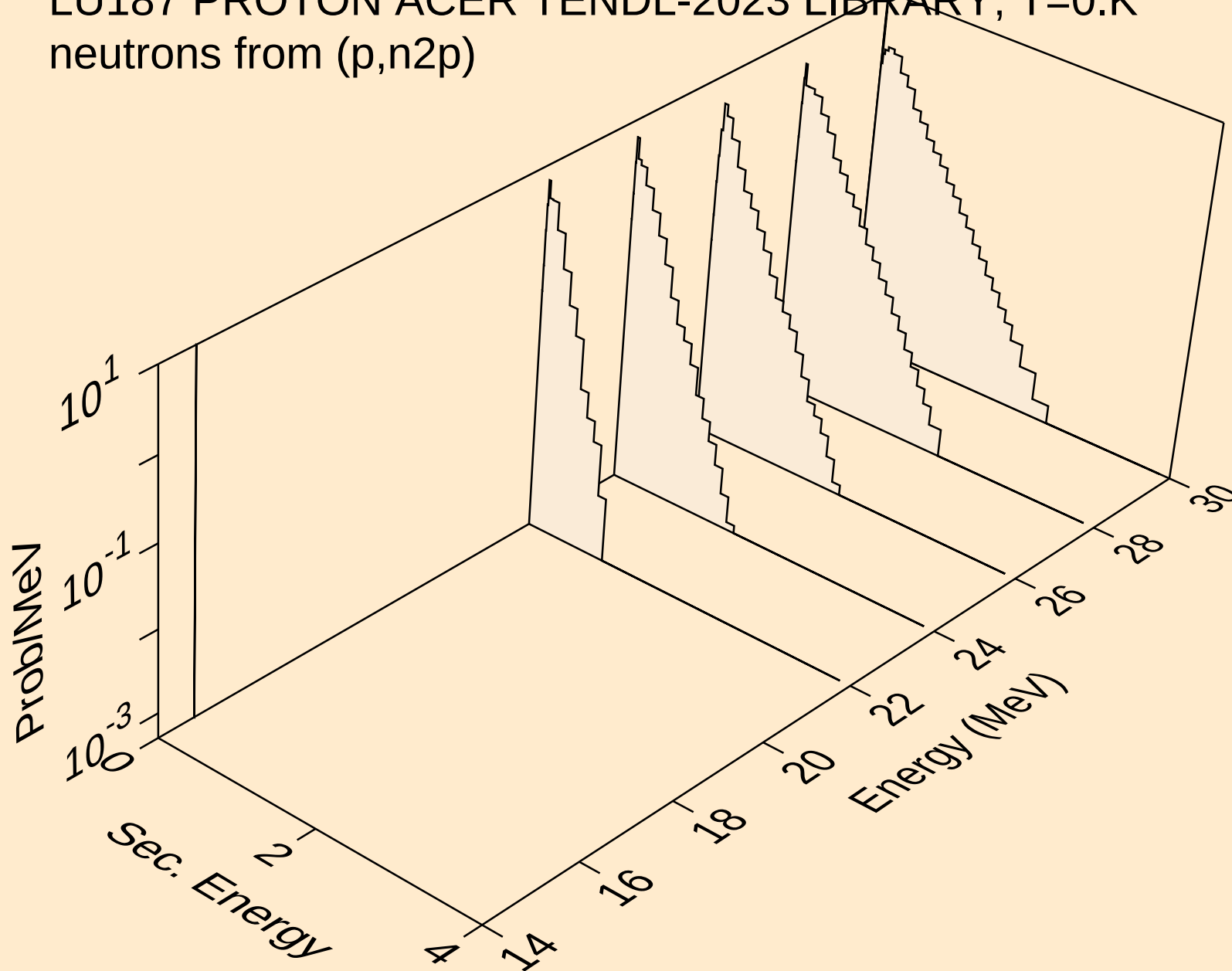
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2np)



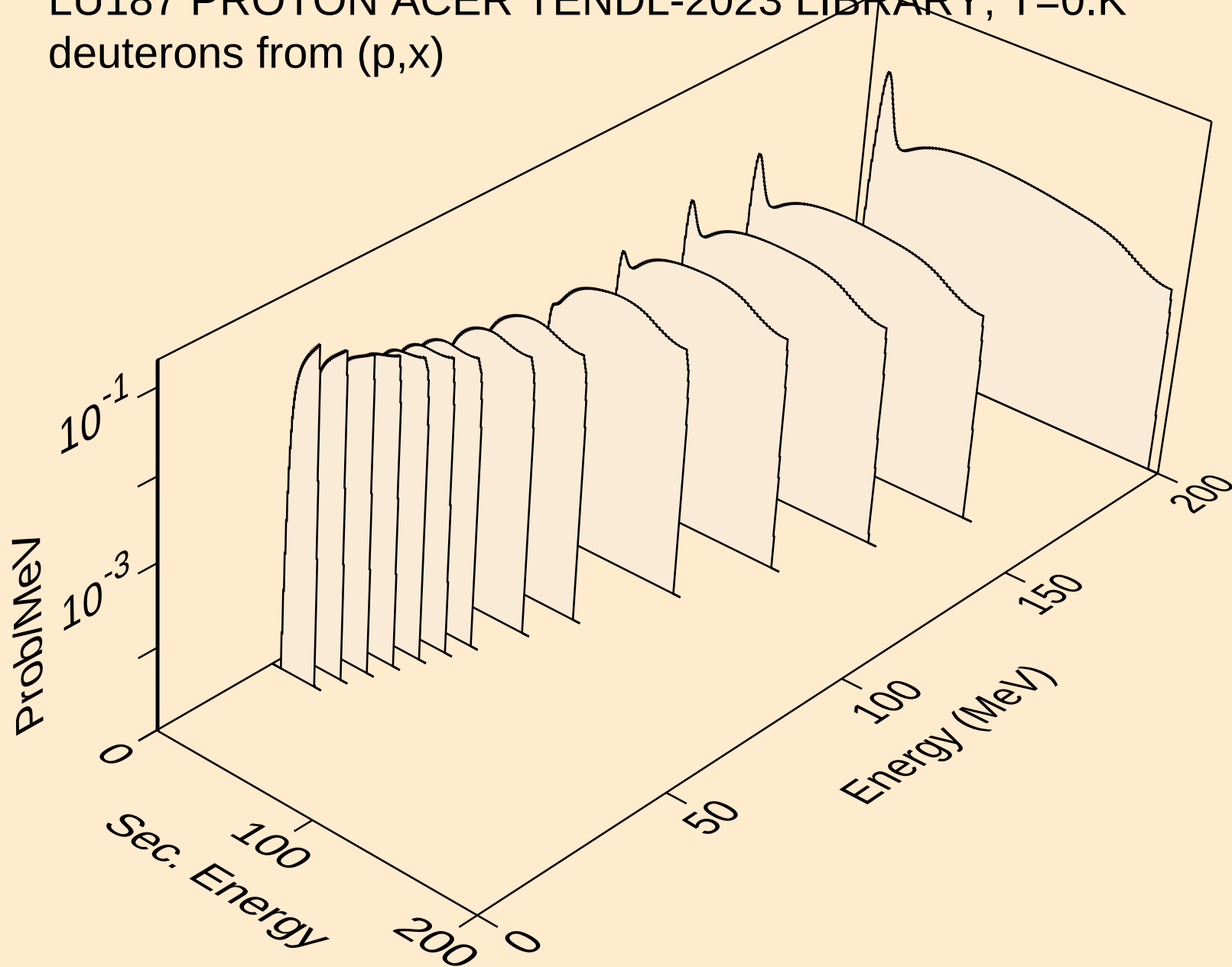
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neutrons from (p,3np)



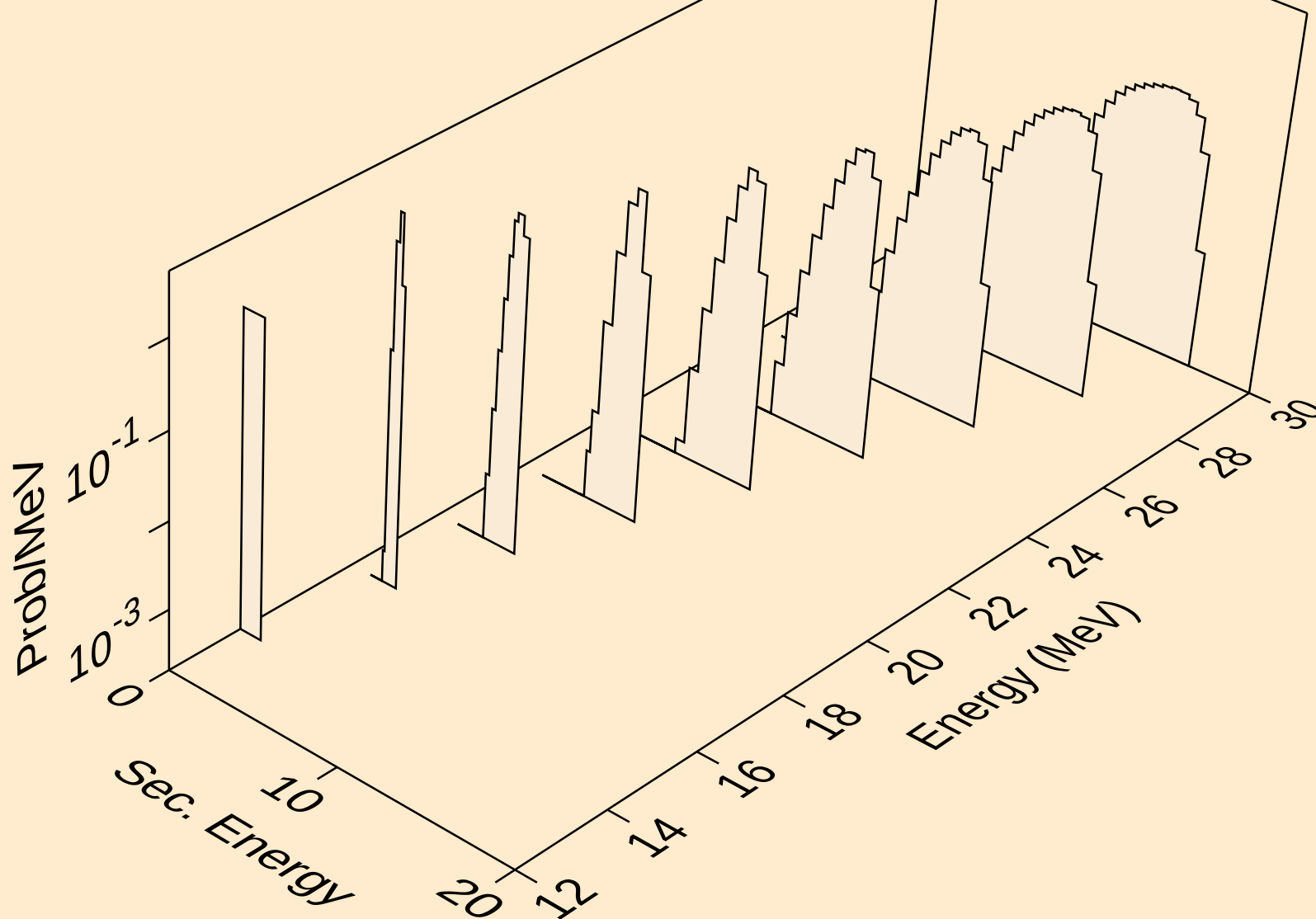
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n2p)



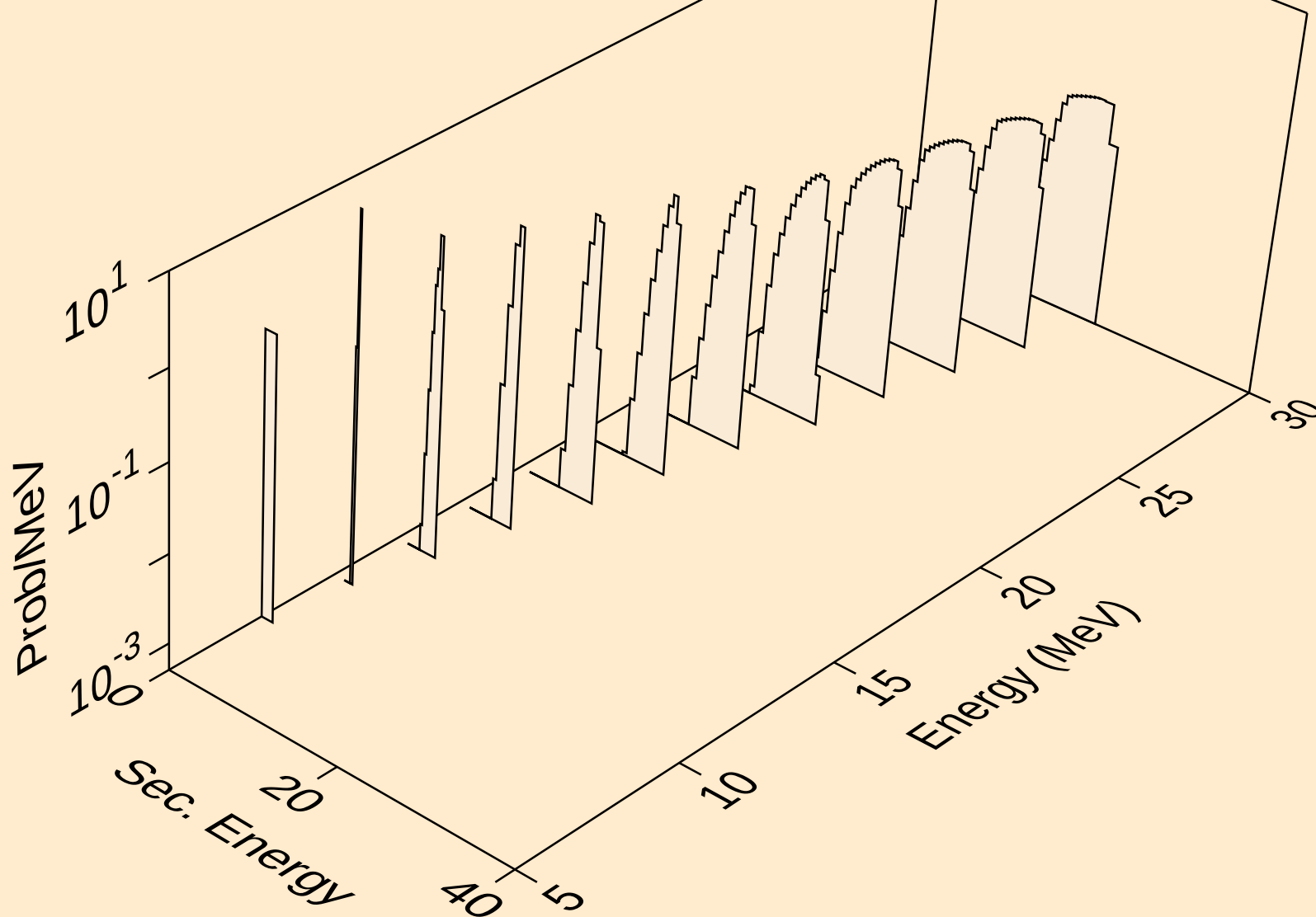
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



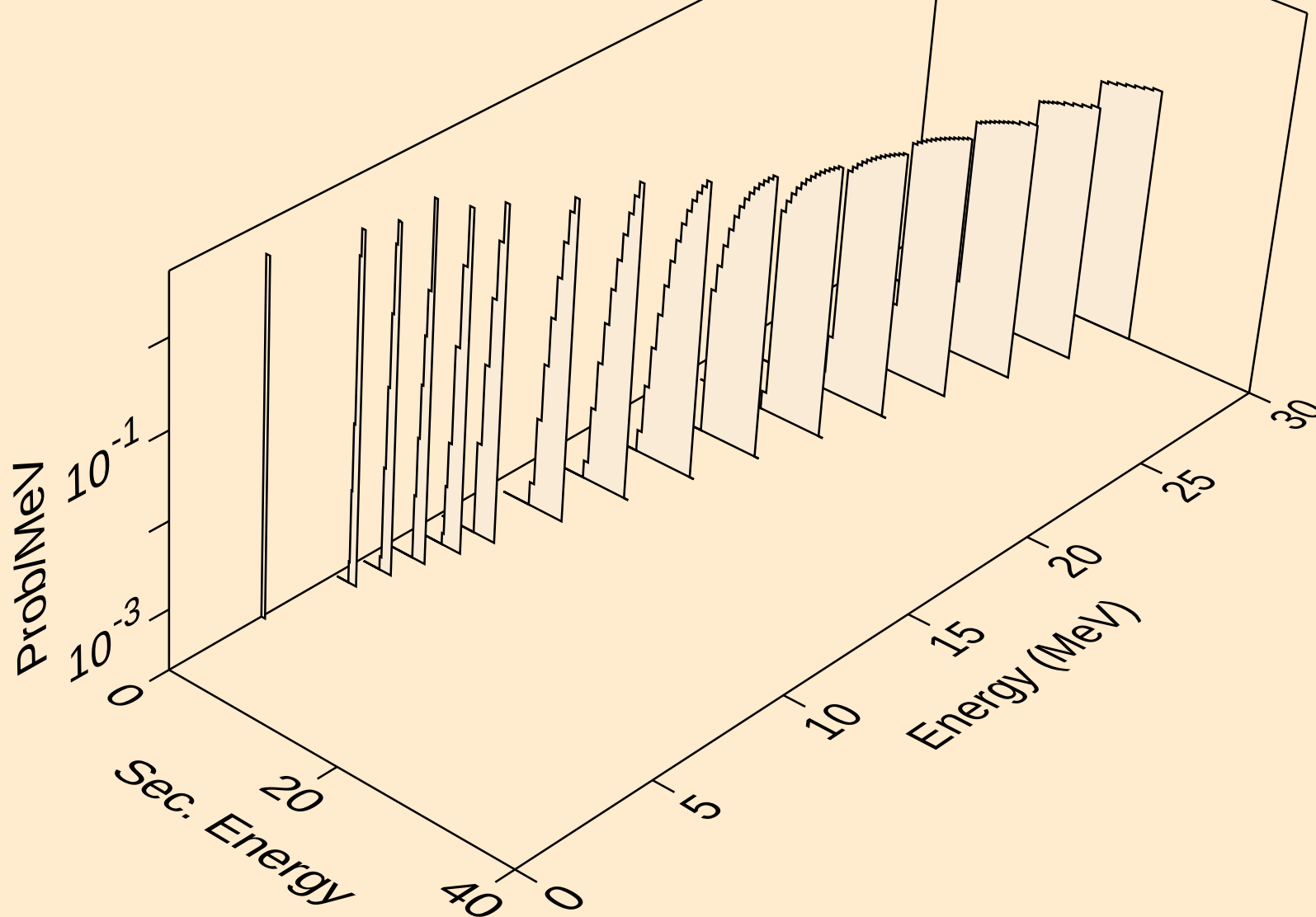
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,2nd)



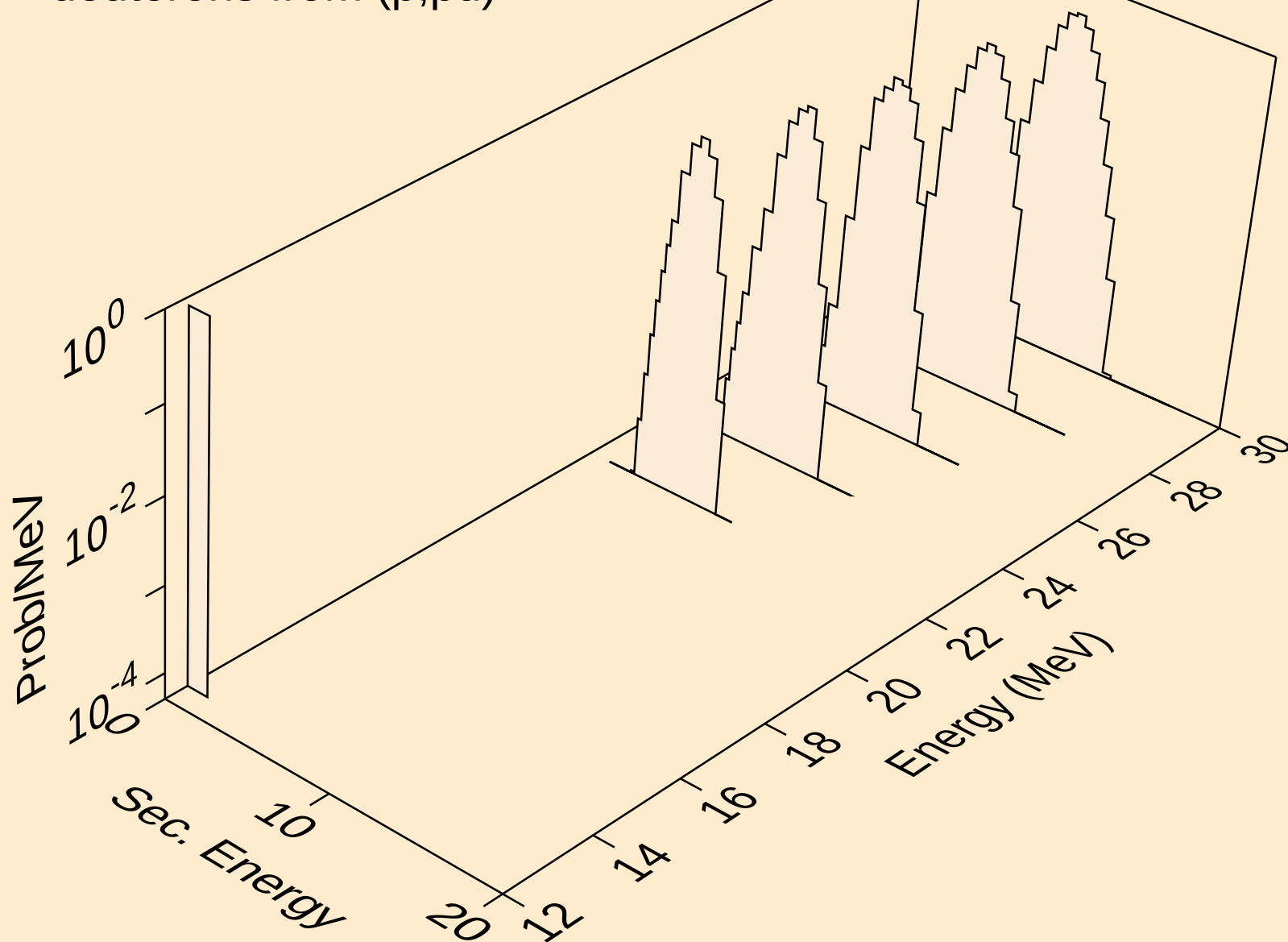
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,n*)d



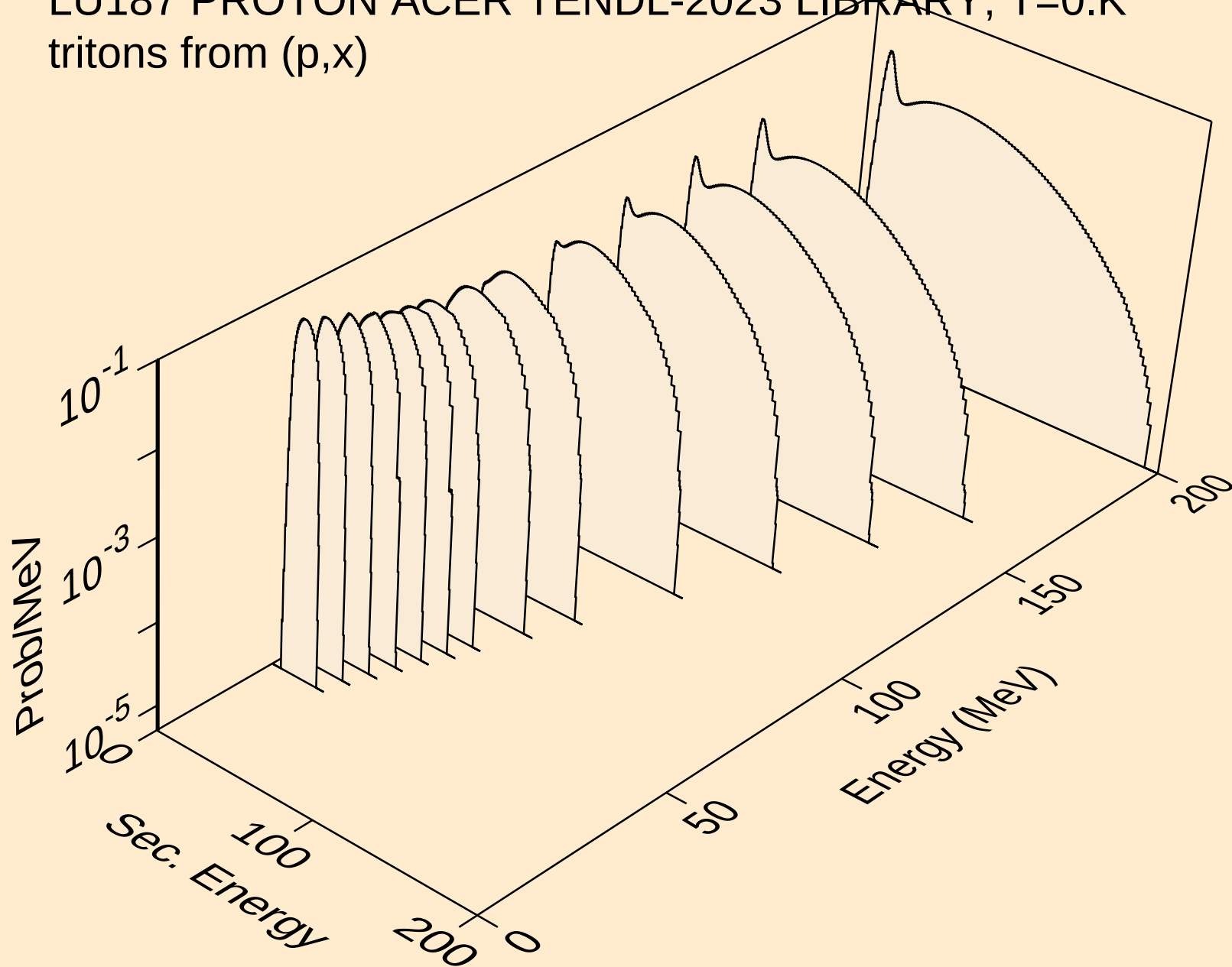
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,d)



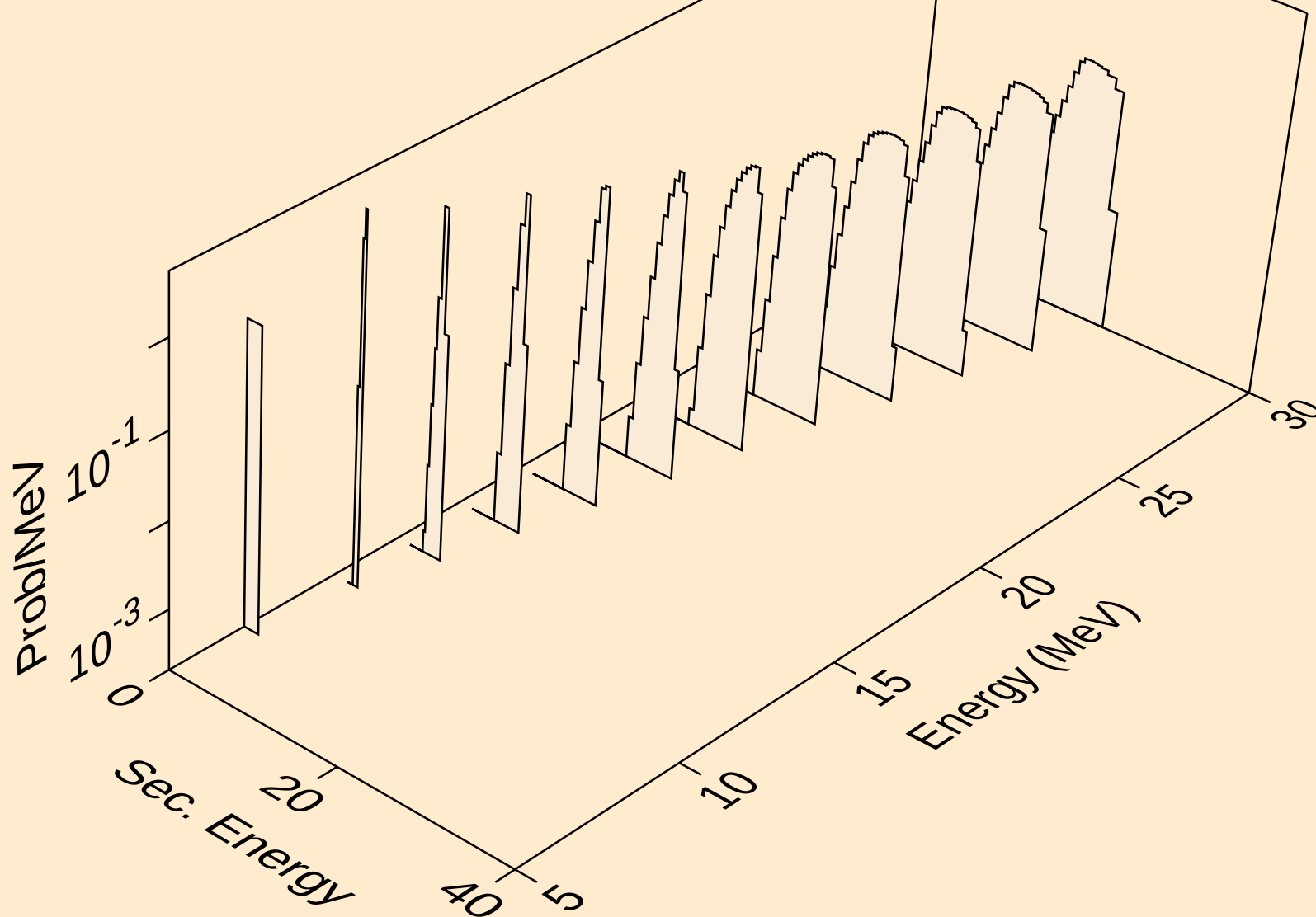
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,pd)



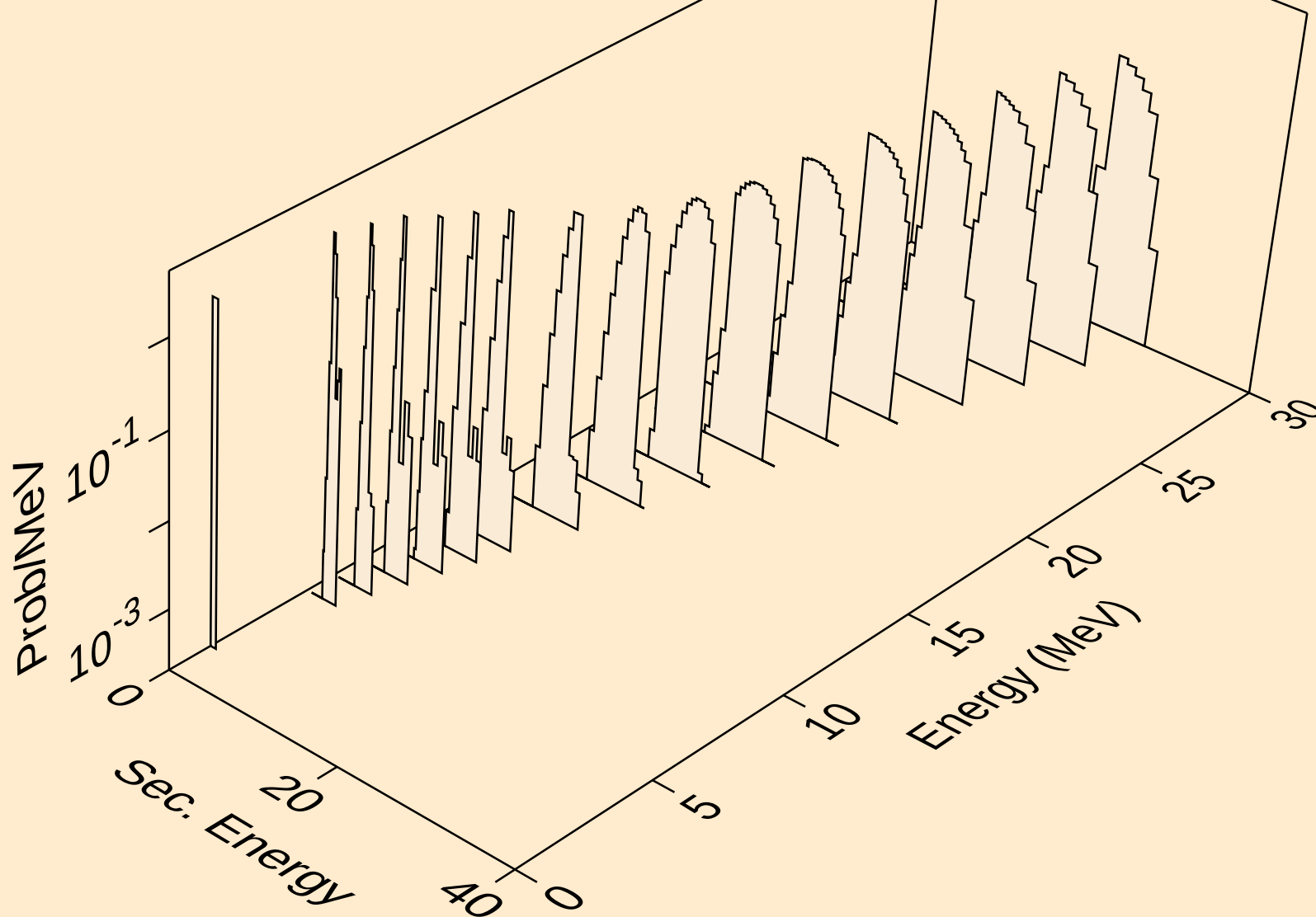
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



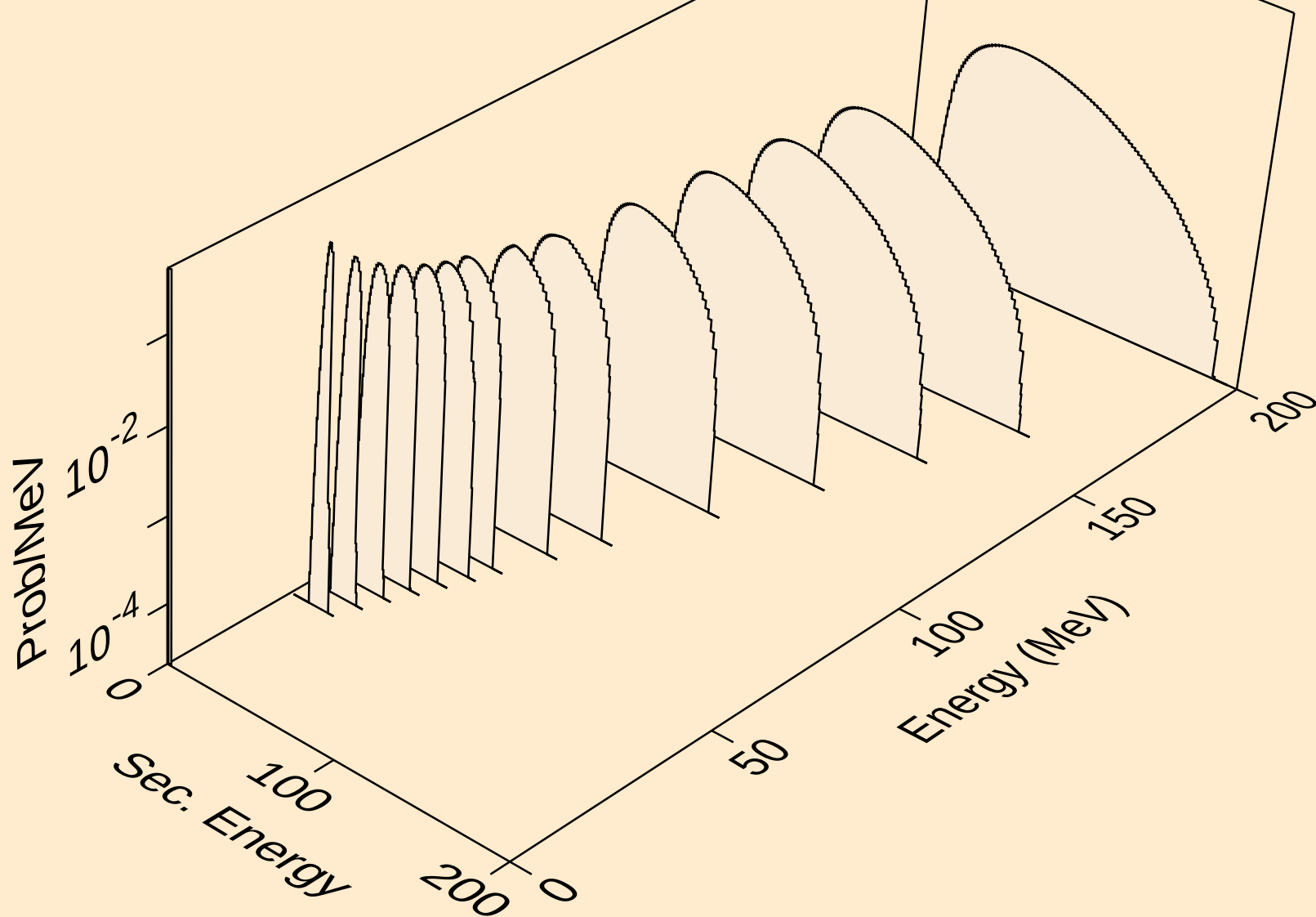
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t



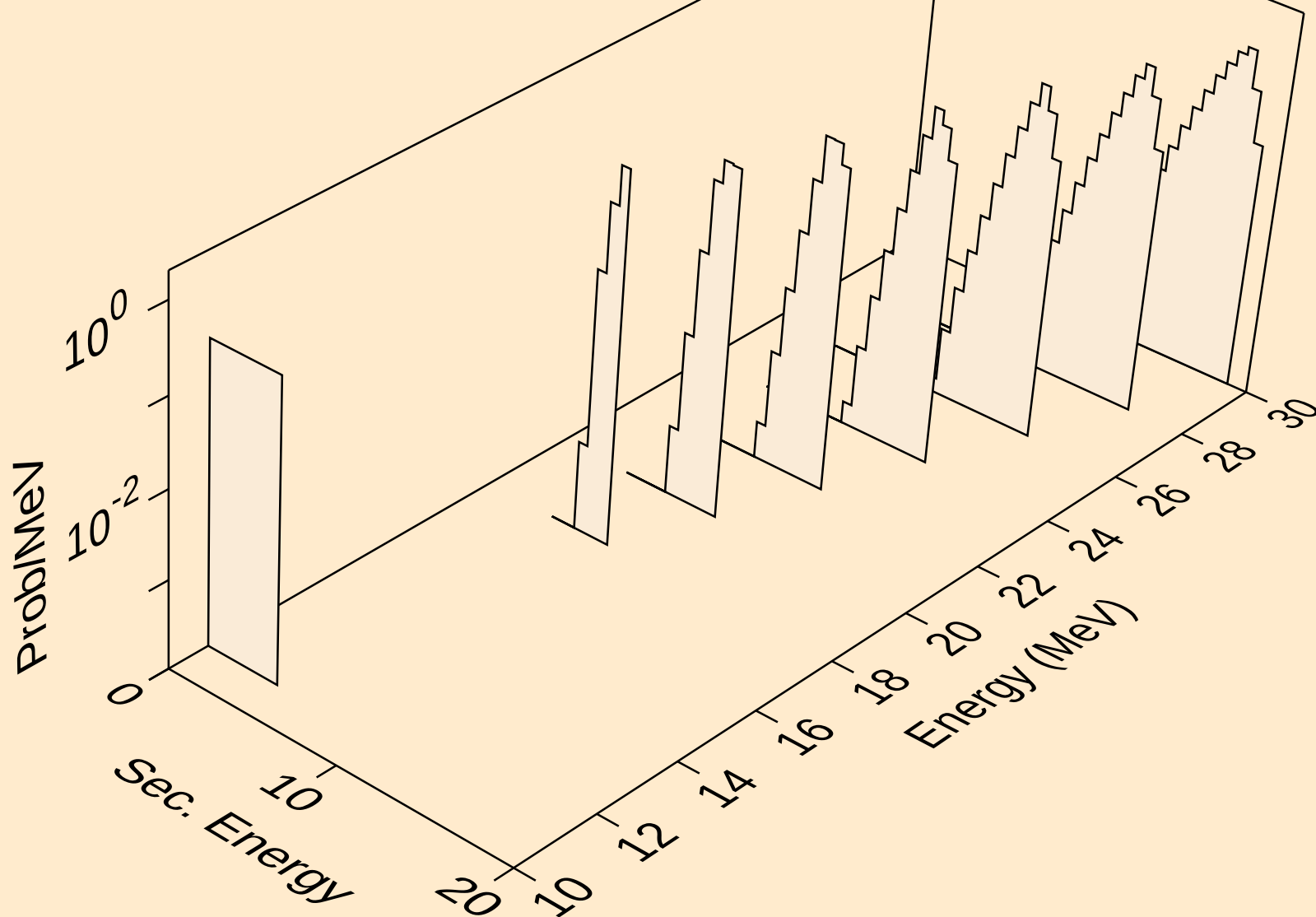
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



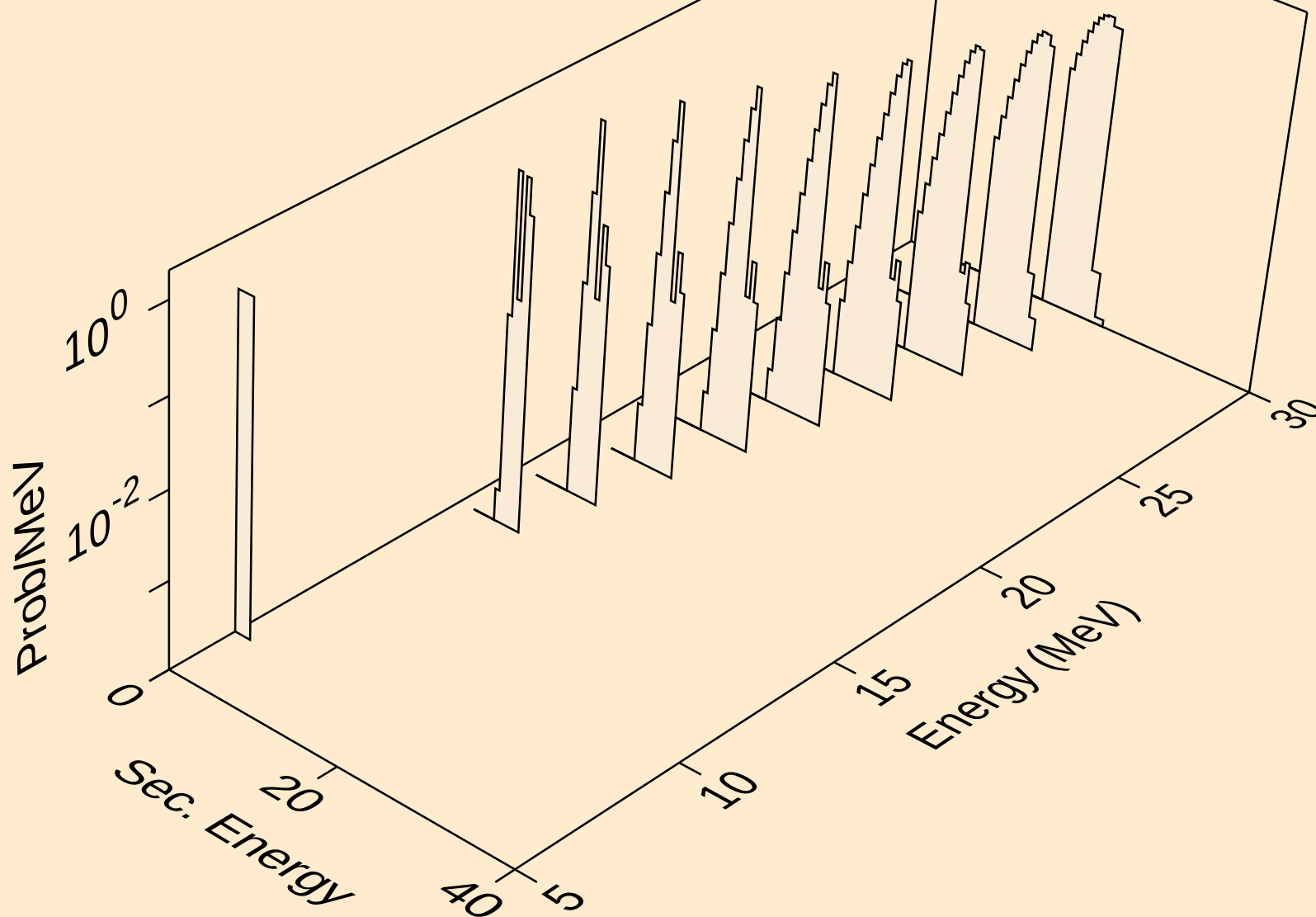
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



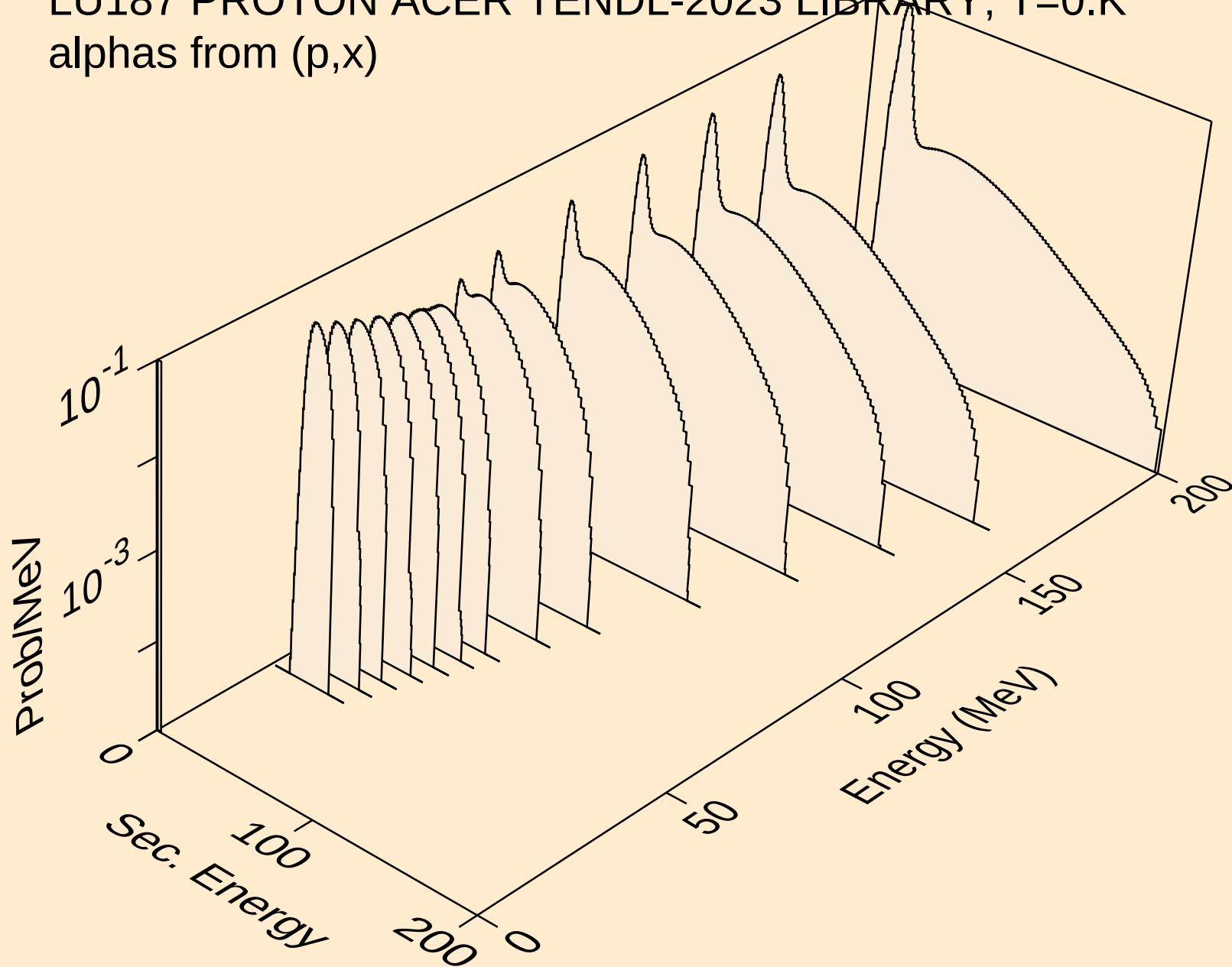
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



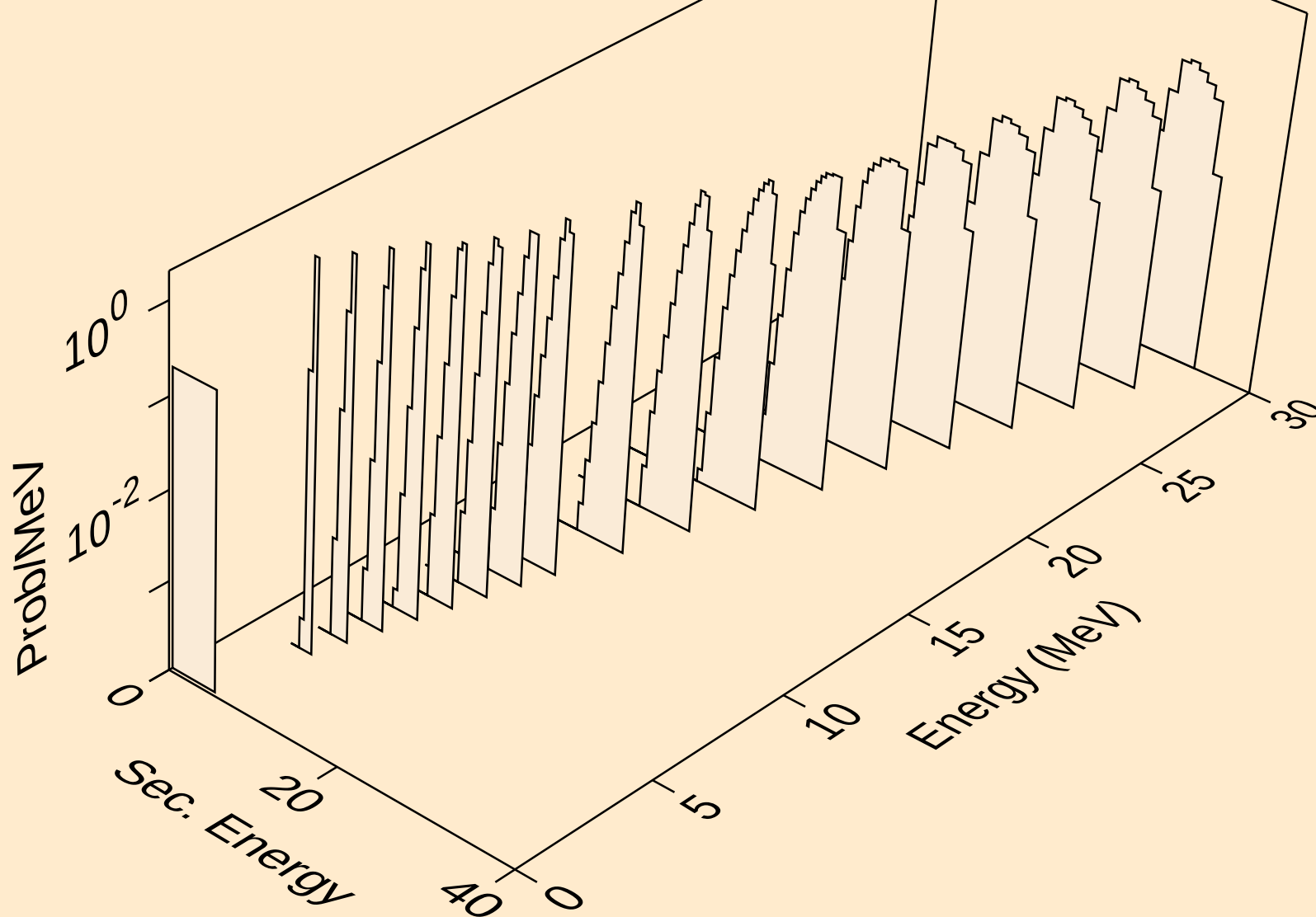
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



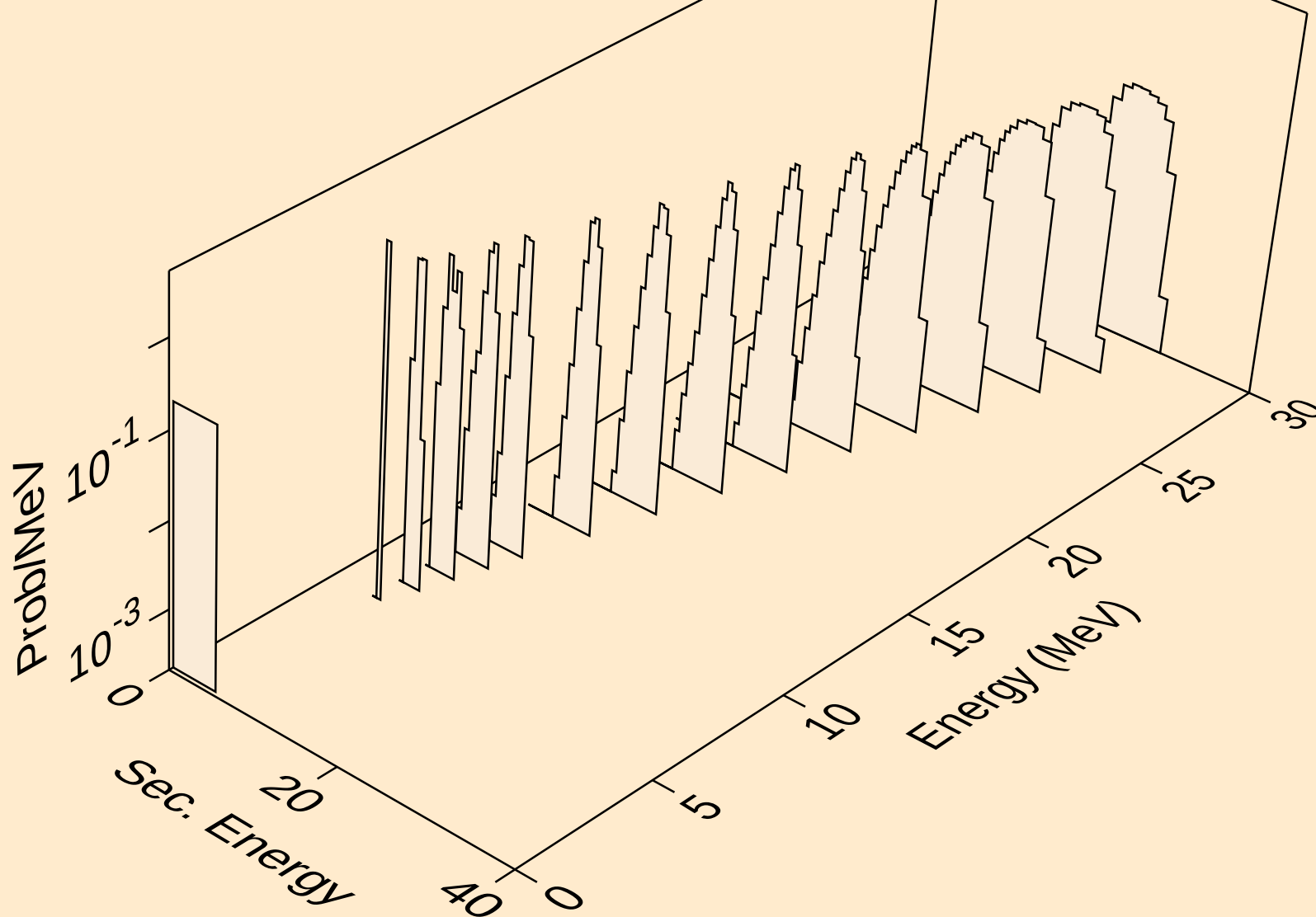
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



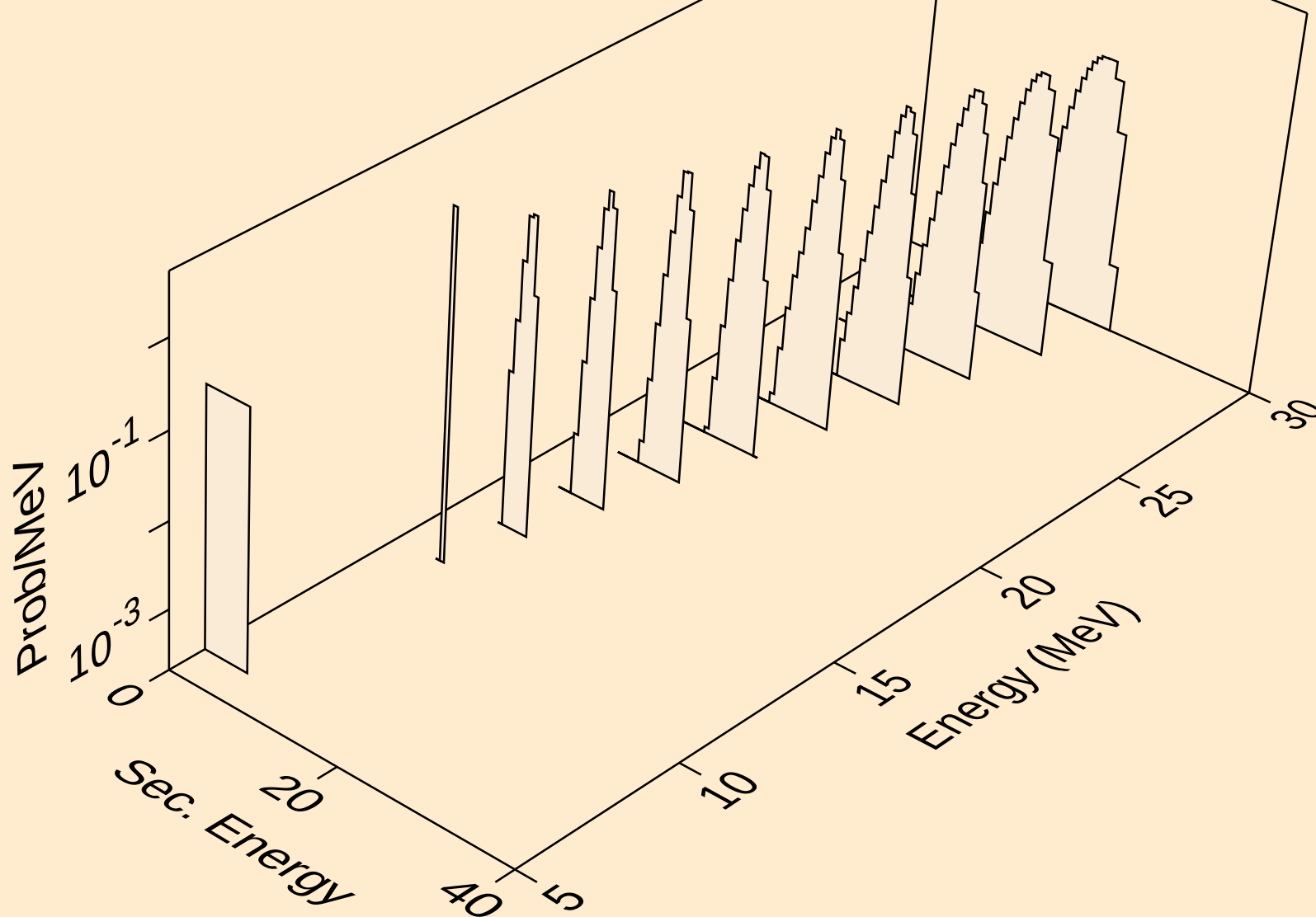
LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



LU187 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)

