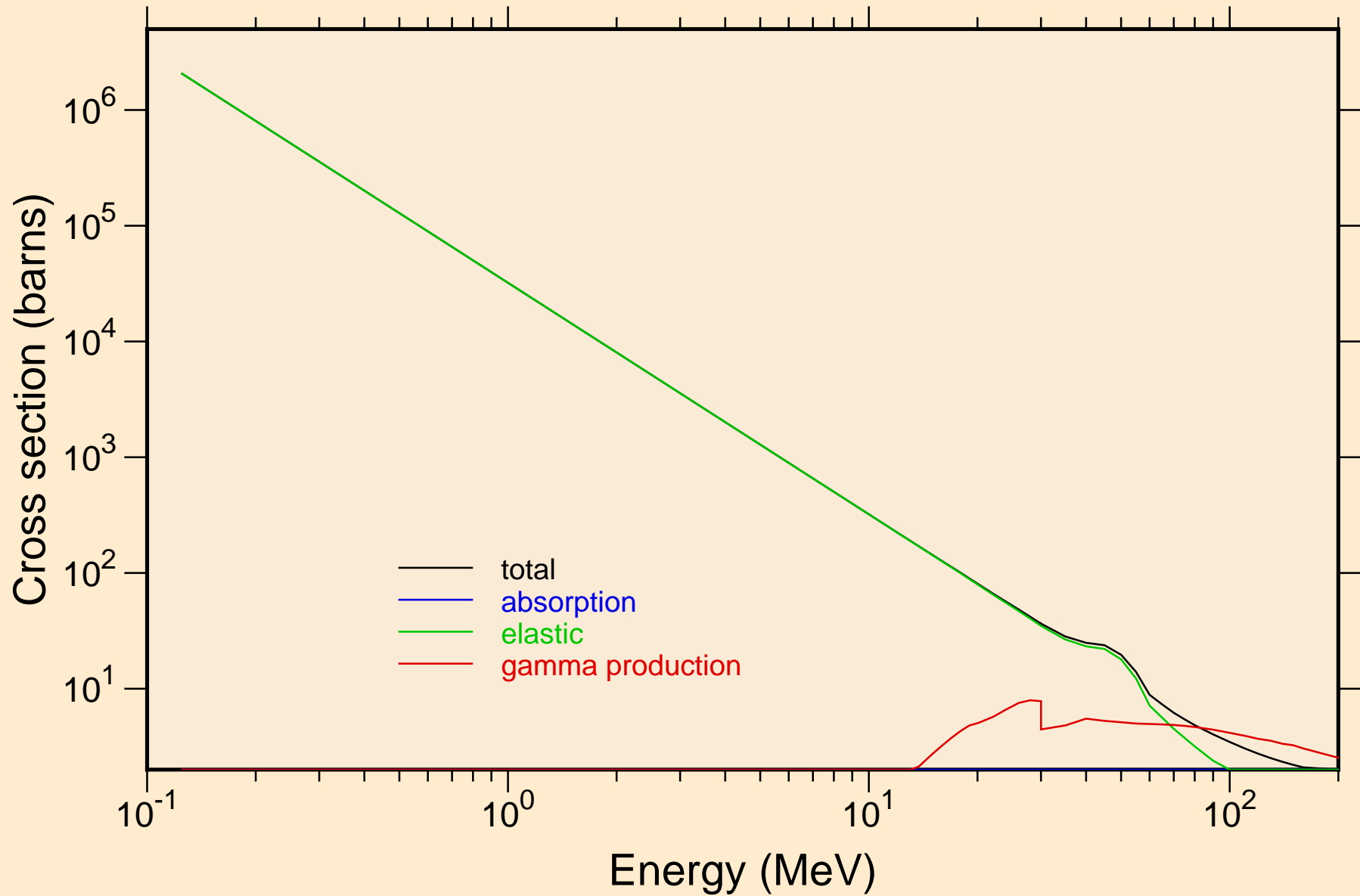


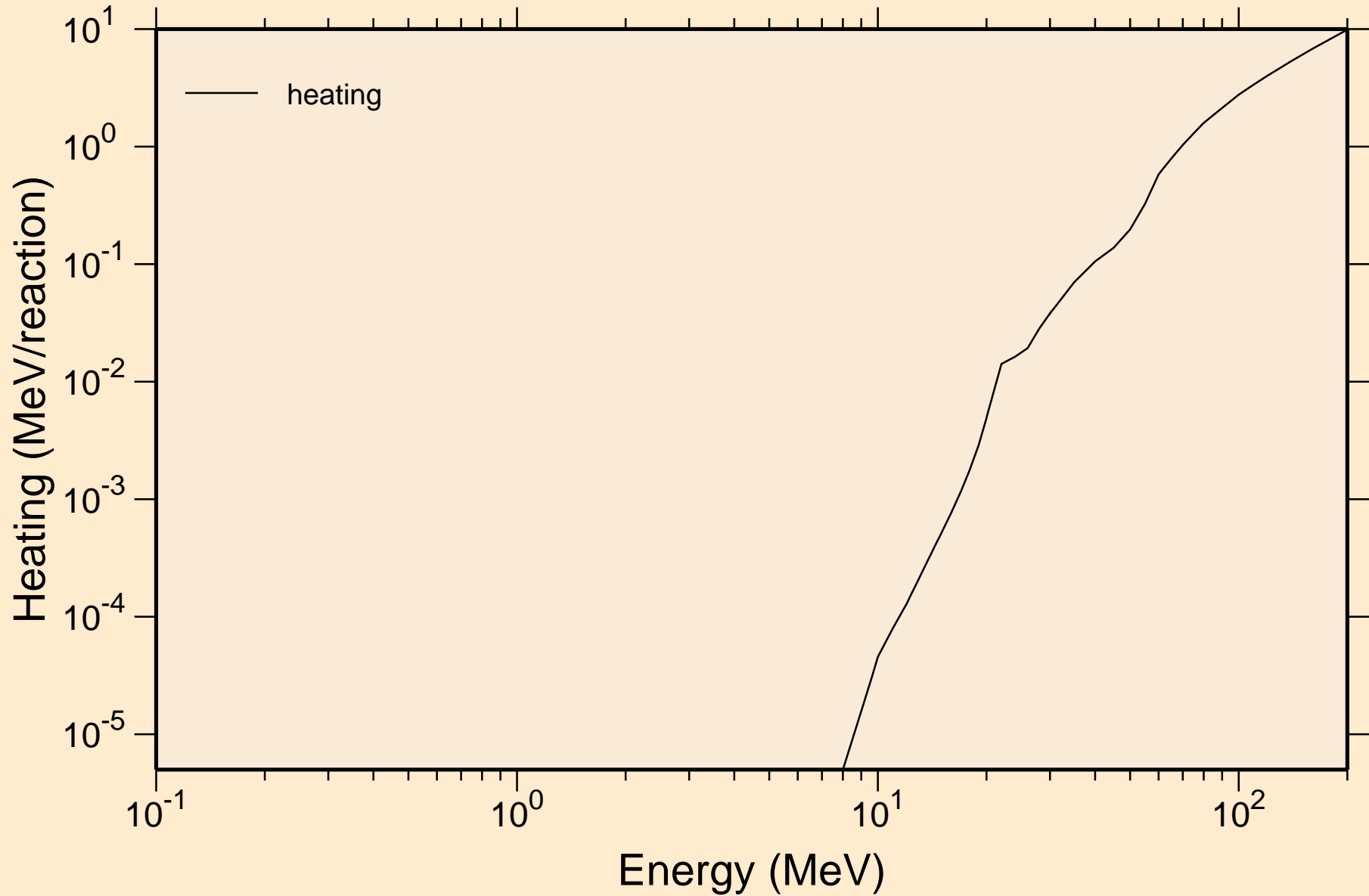
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



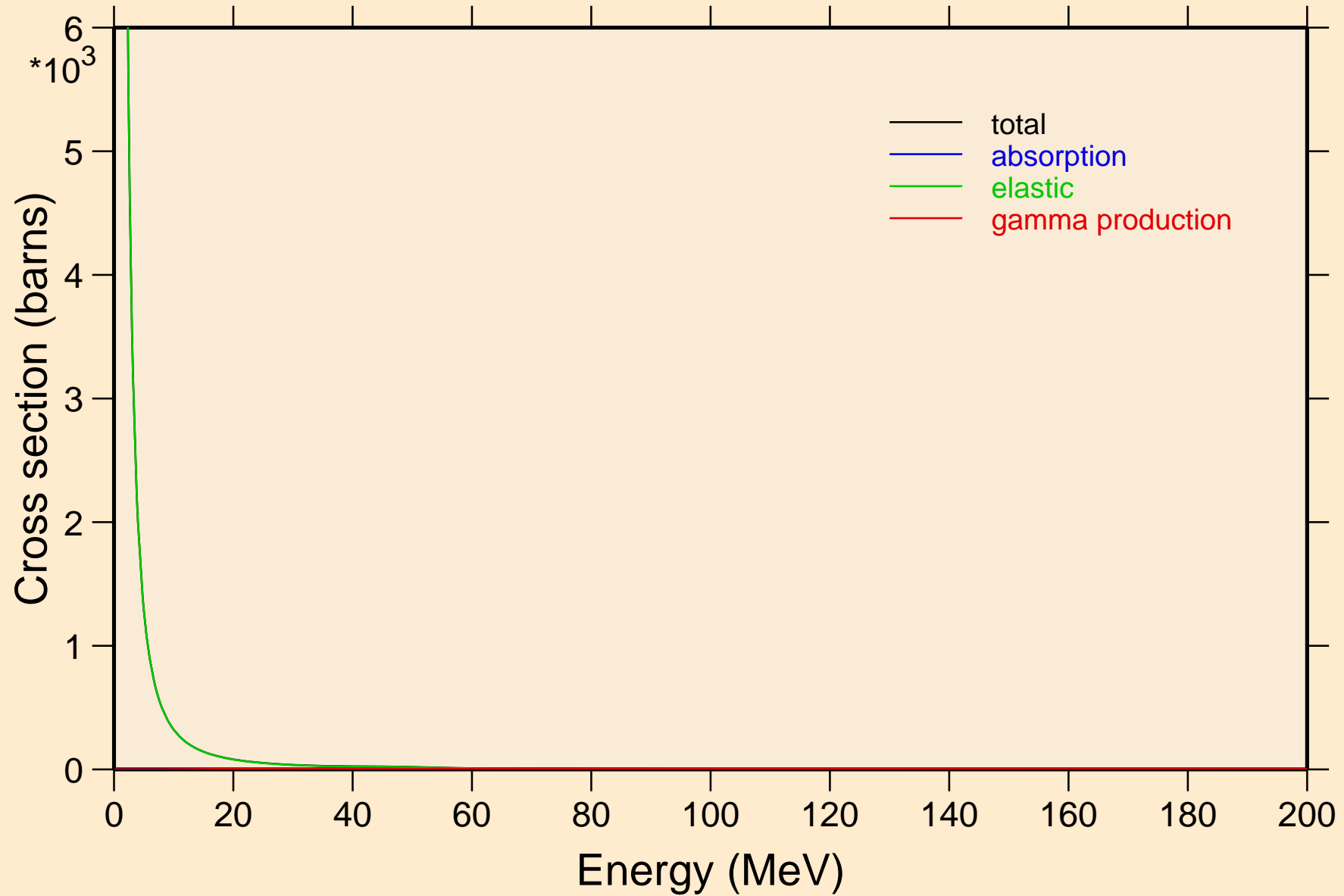
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



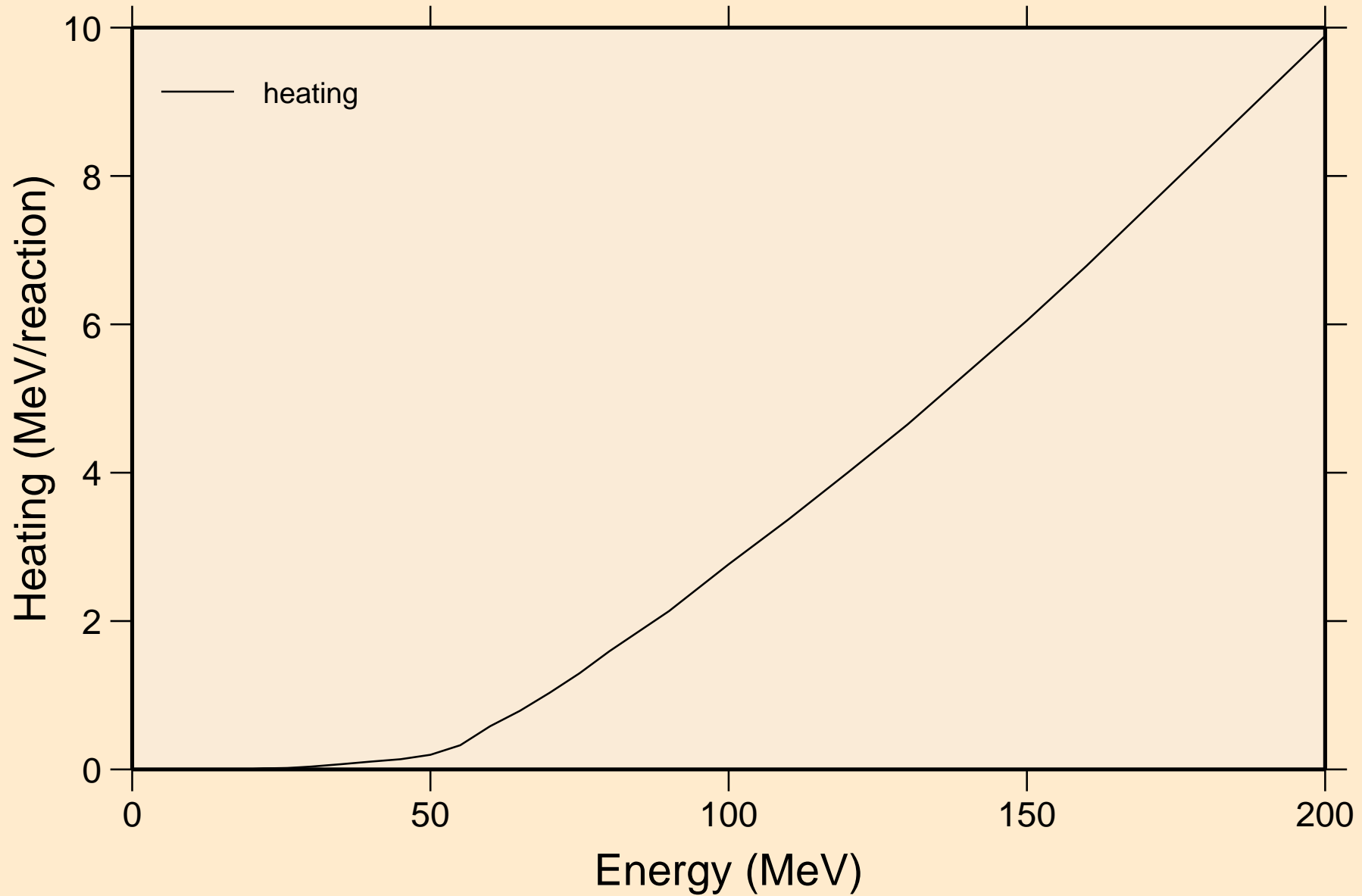
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



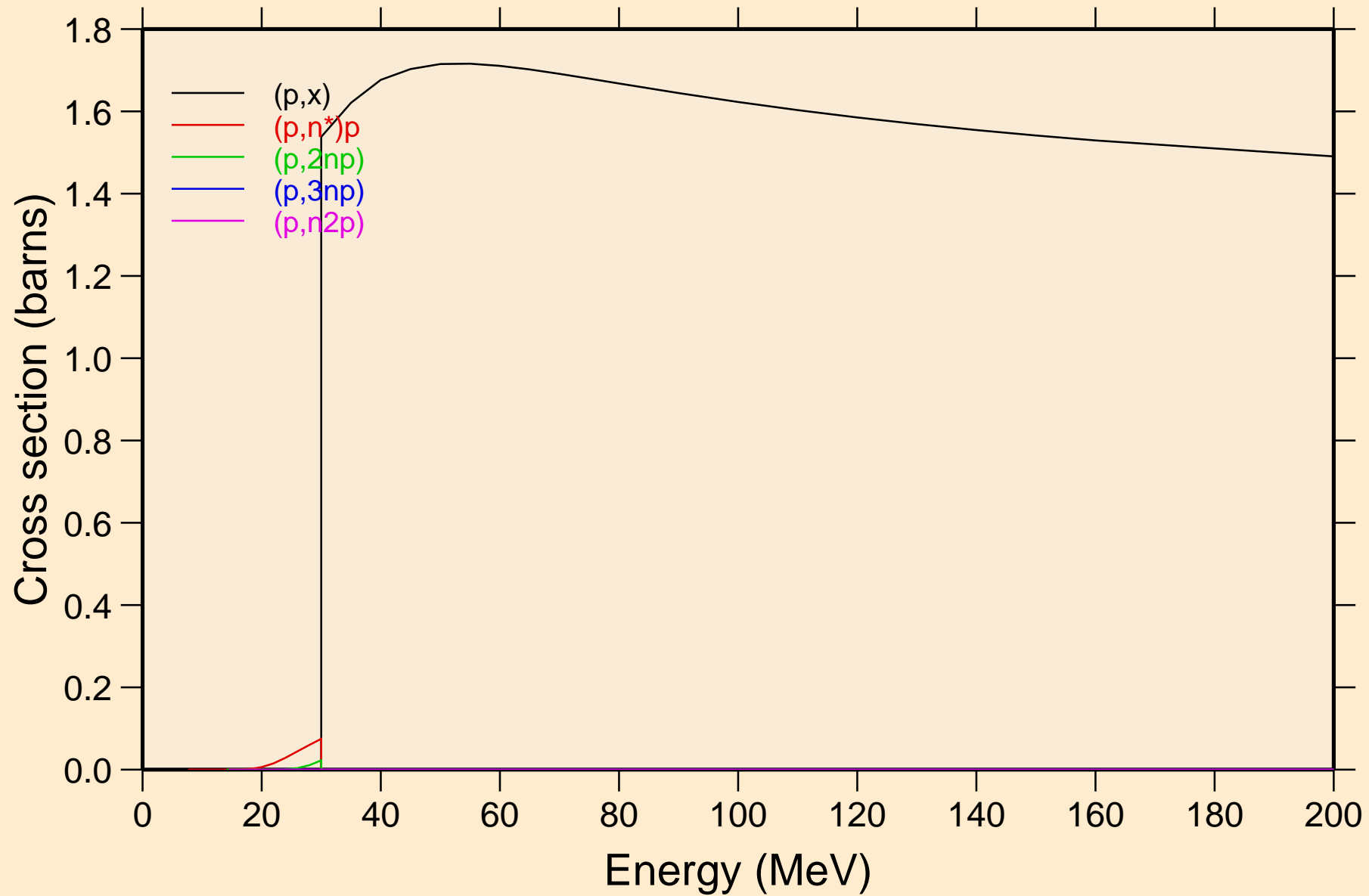
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



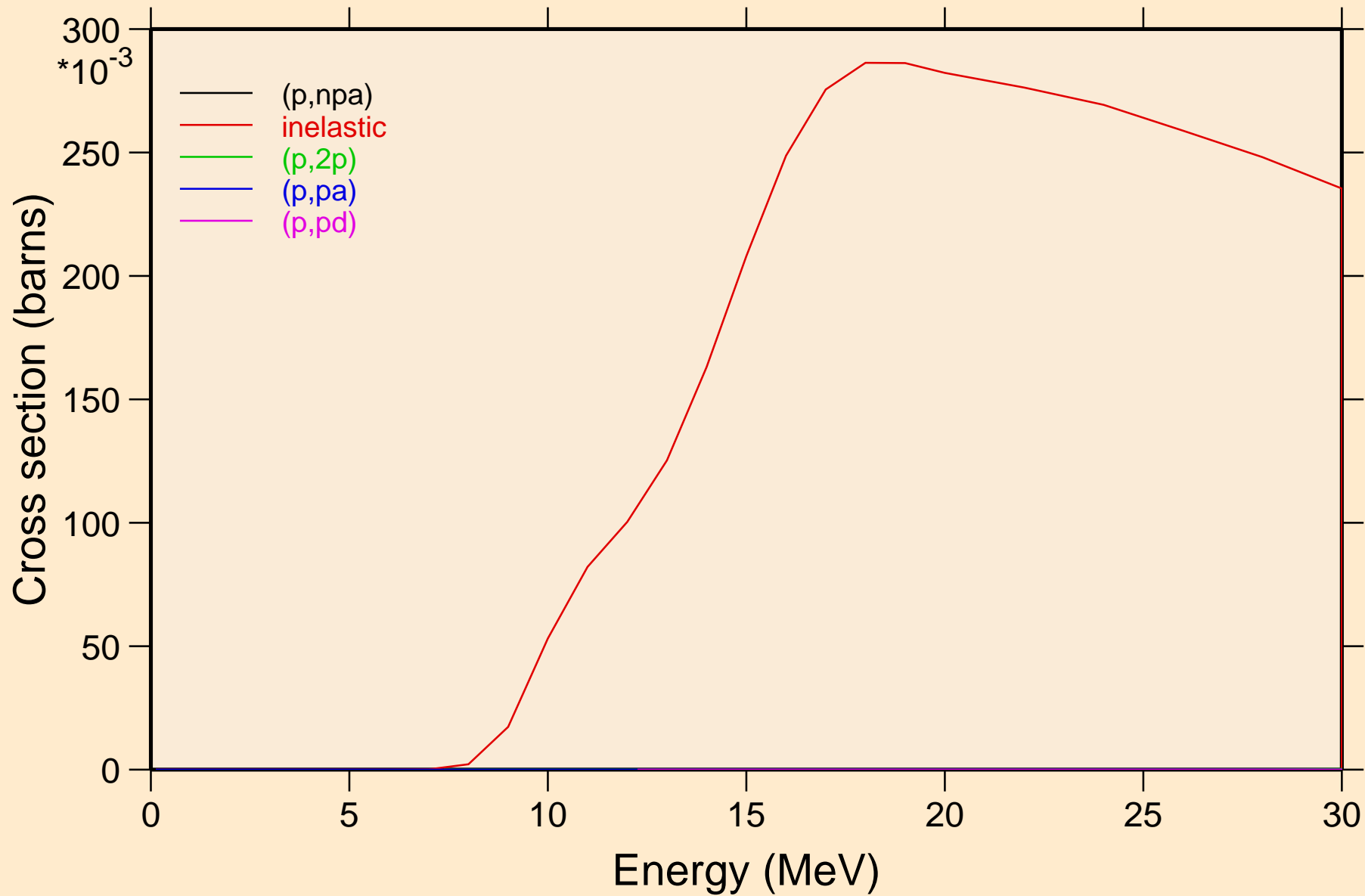
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

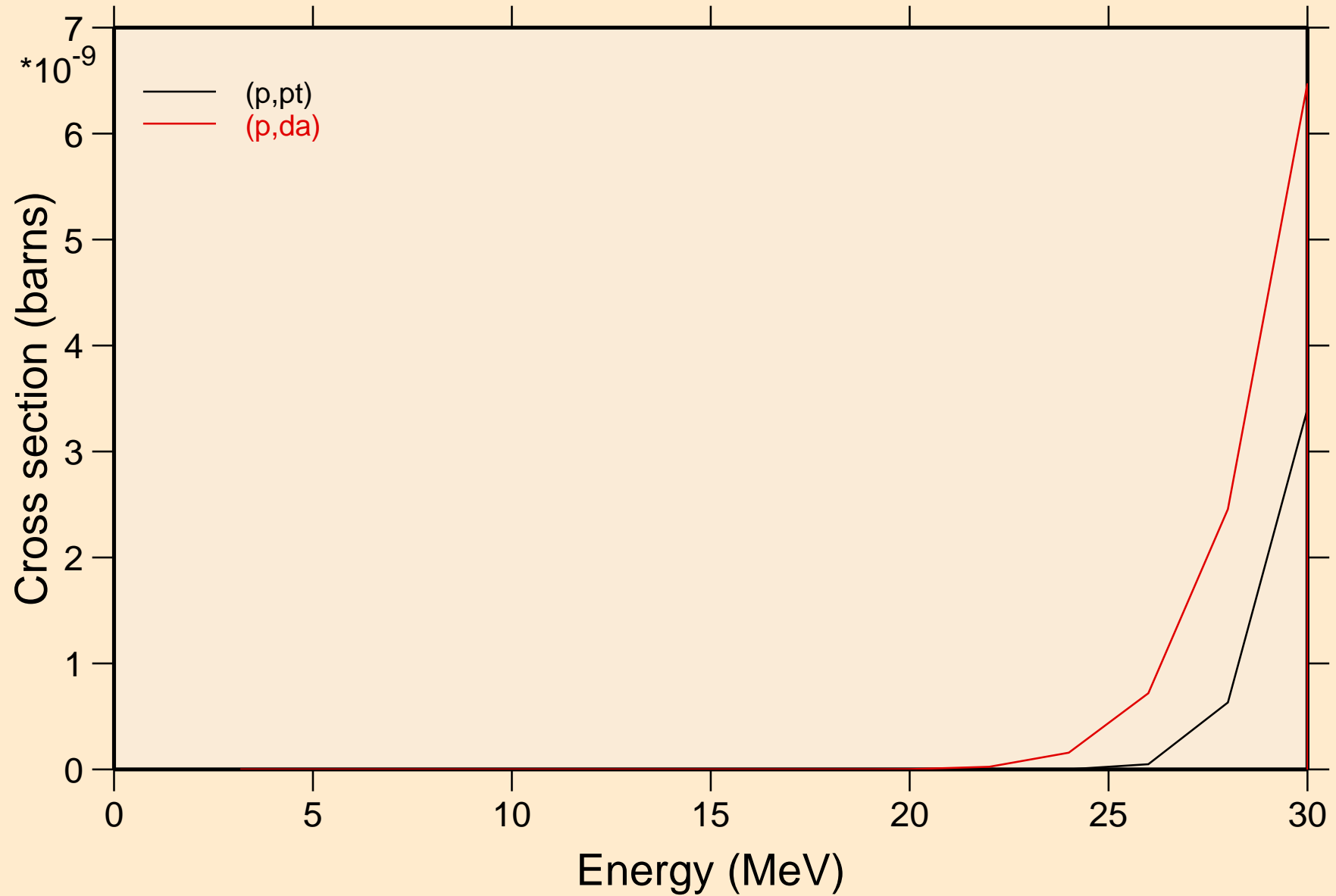


HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

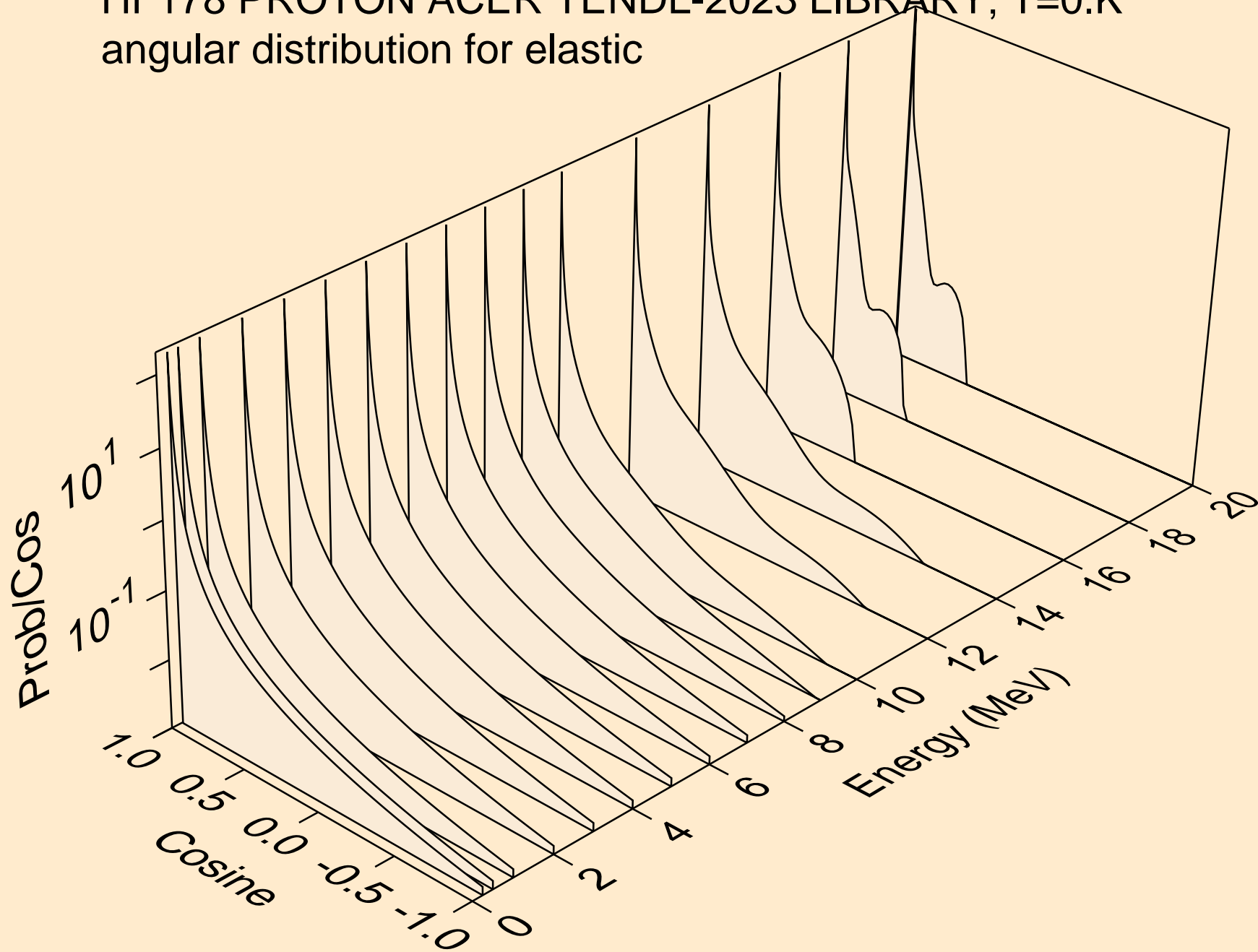
Threshold reactions



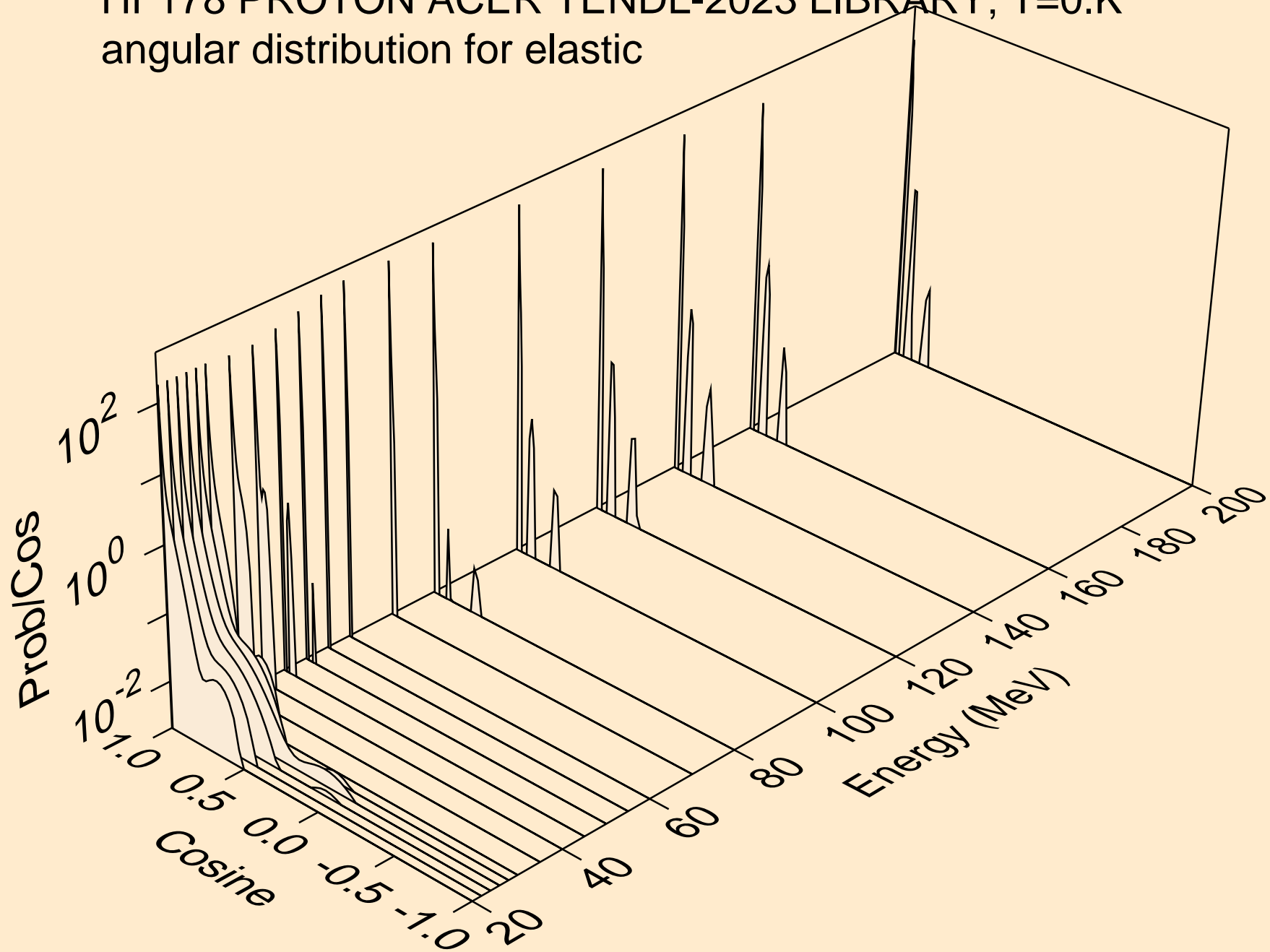
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



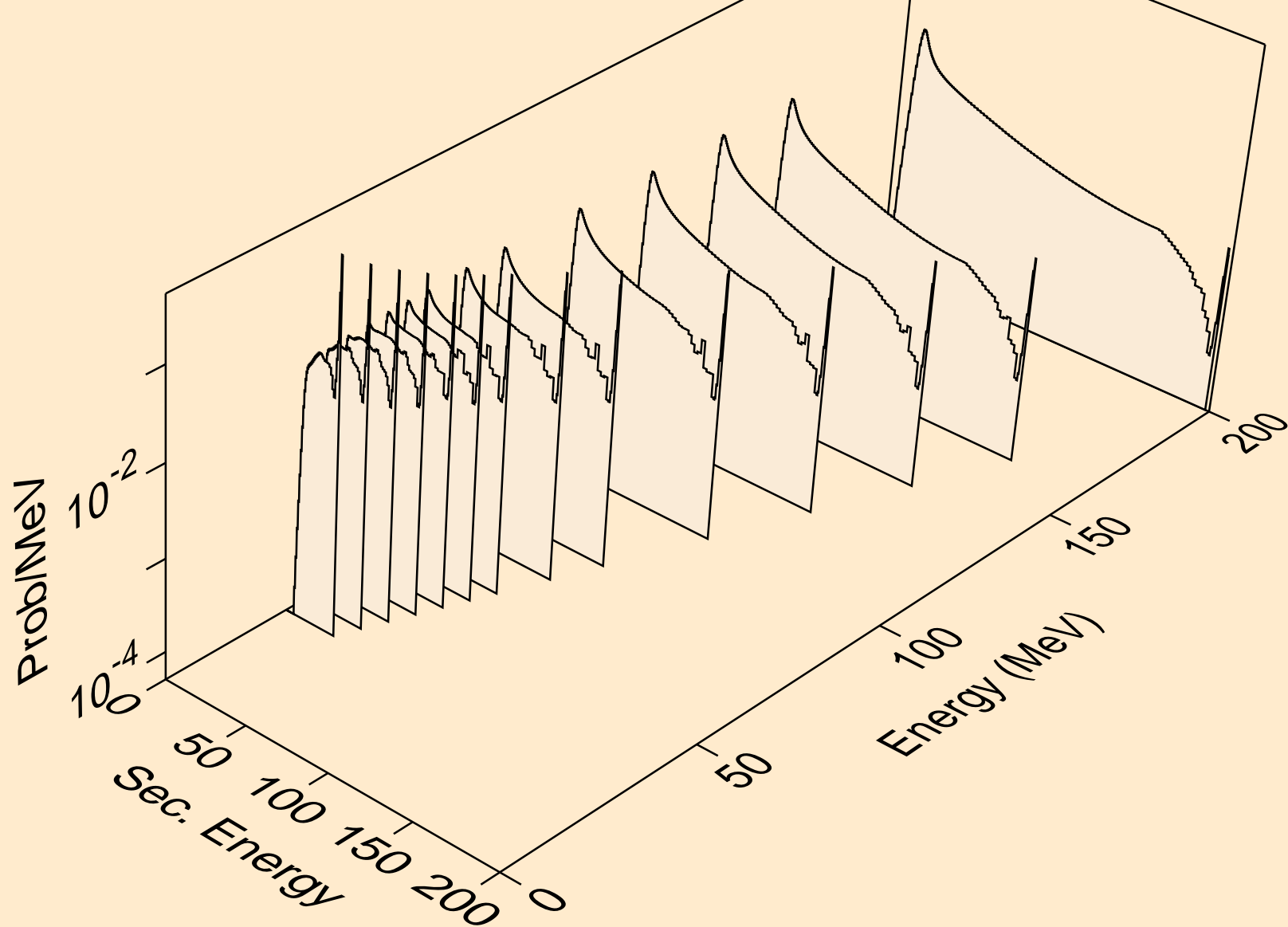
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



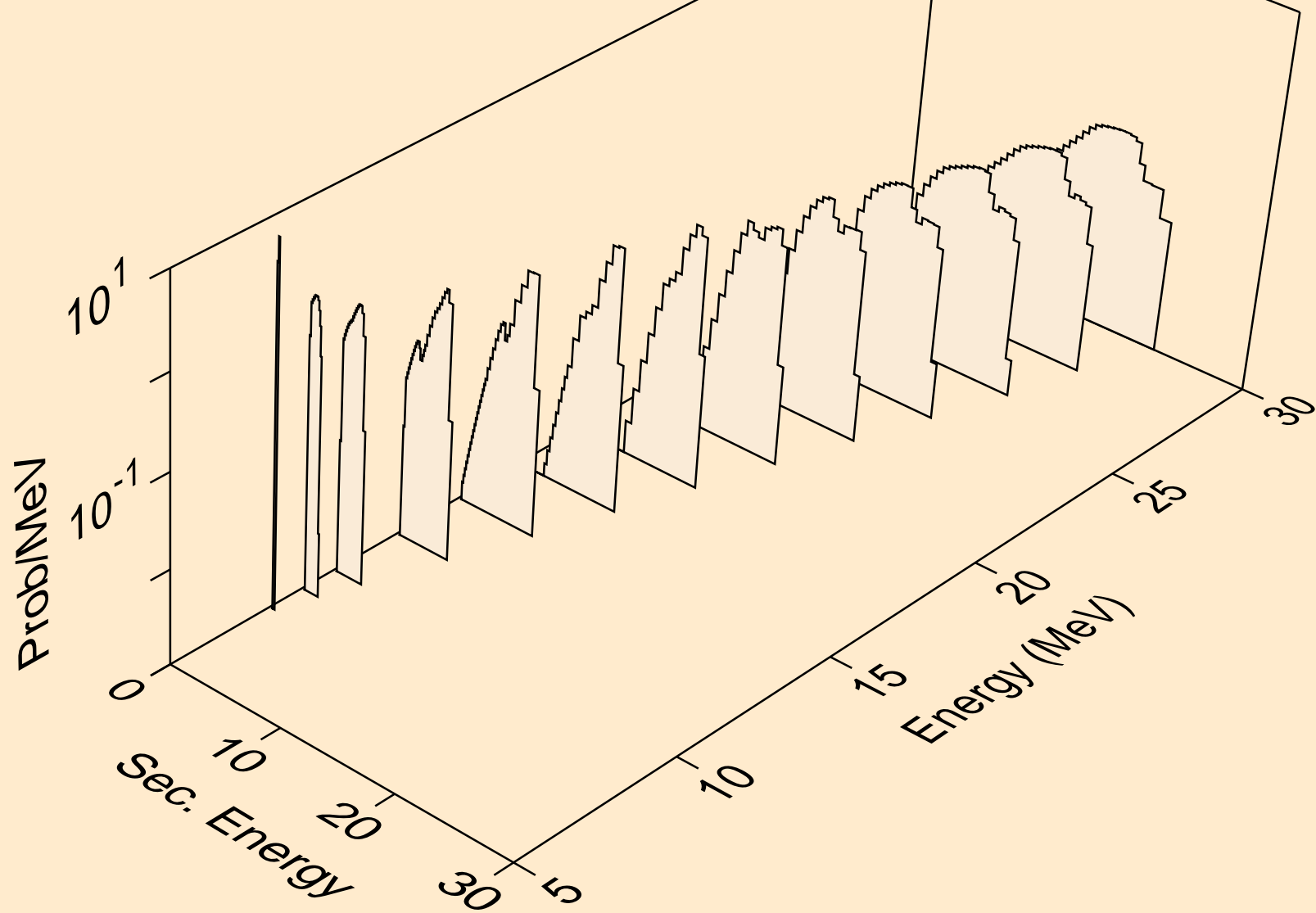
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



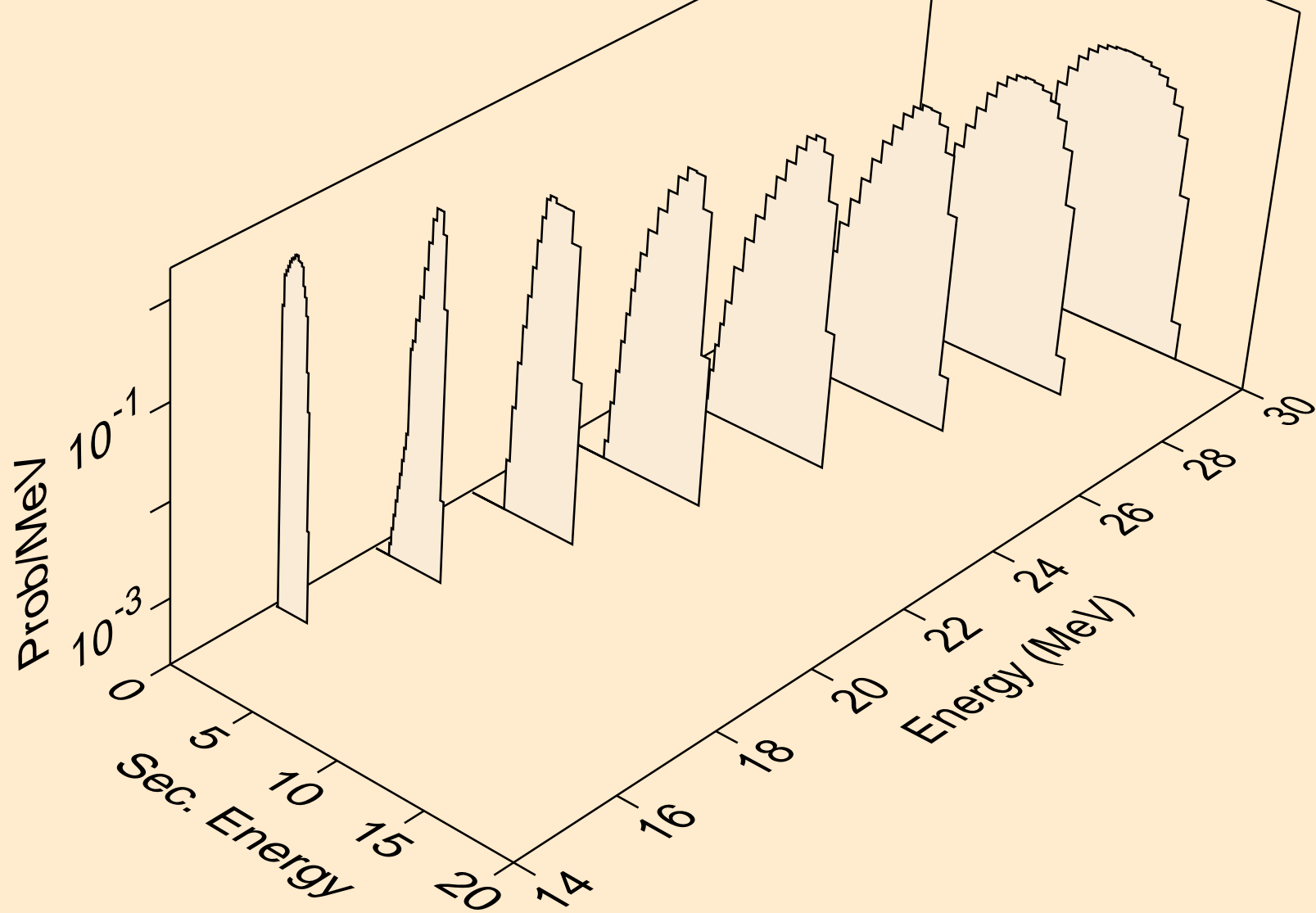
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)



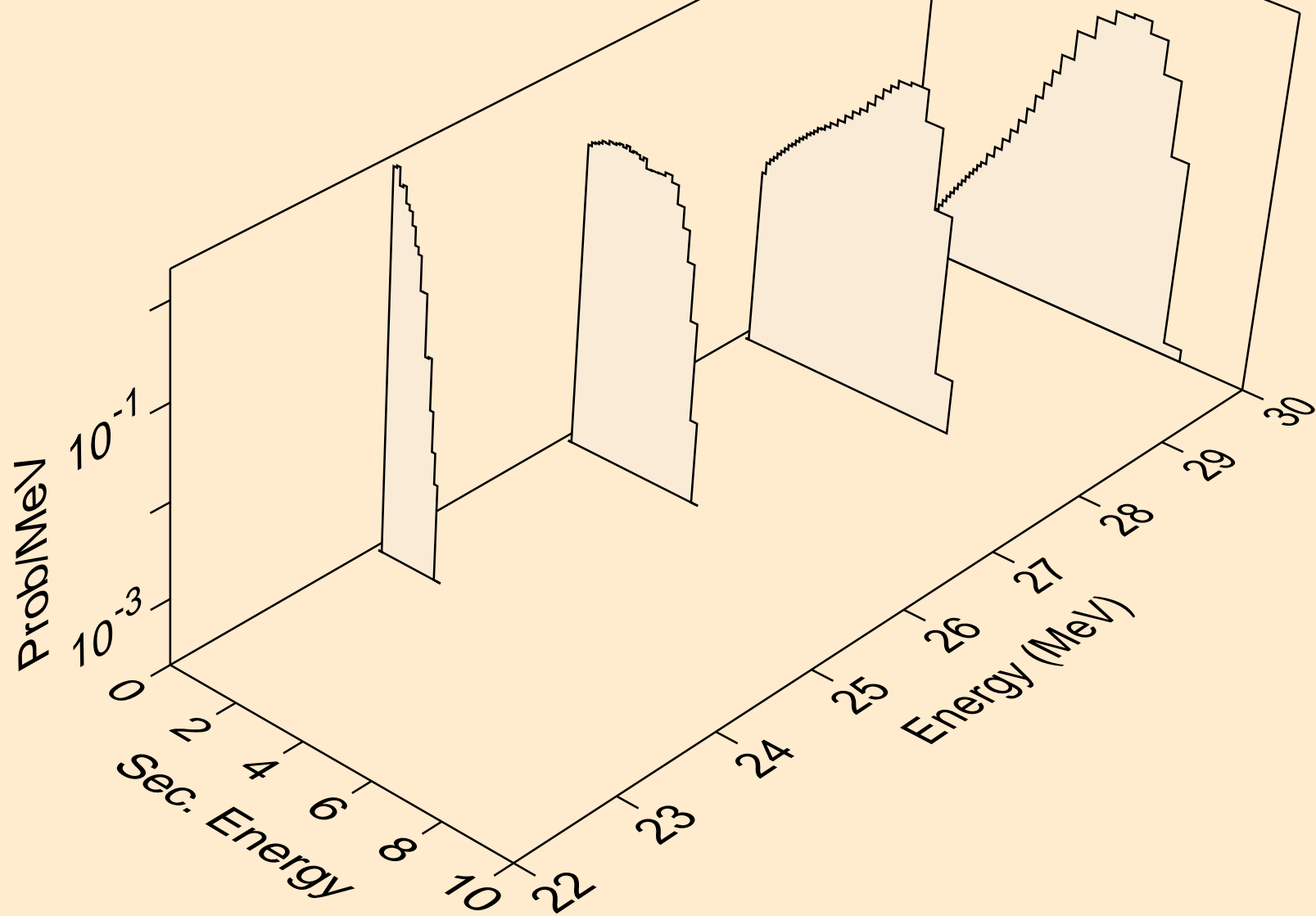
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n*)p



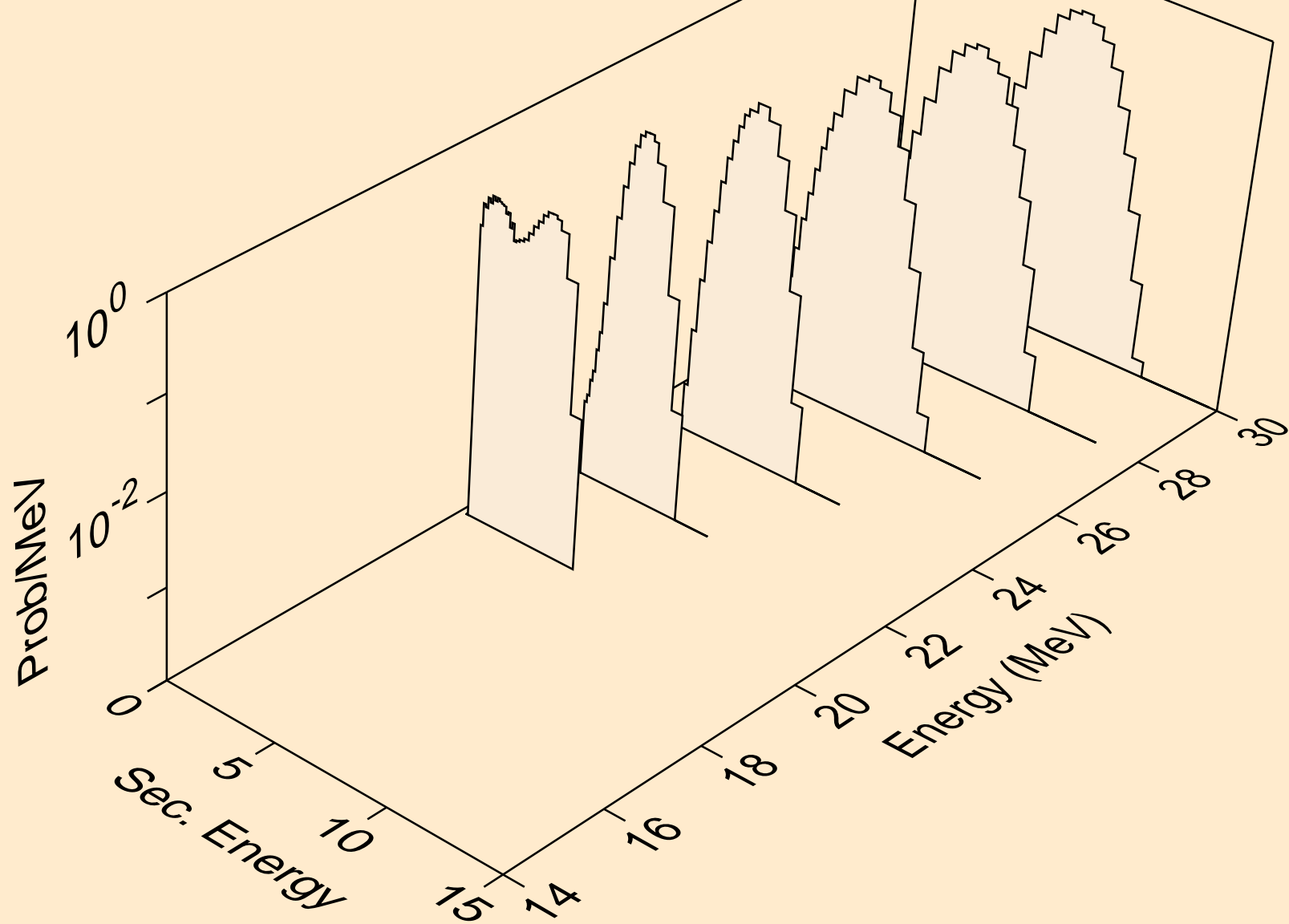
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



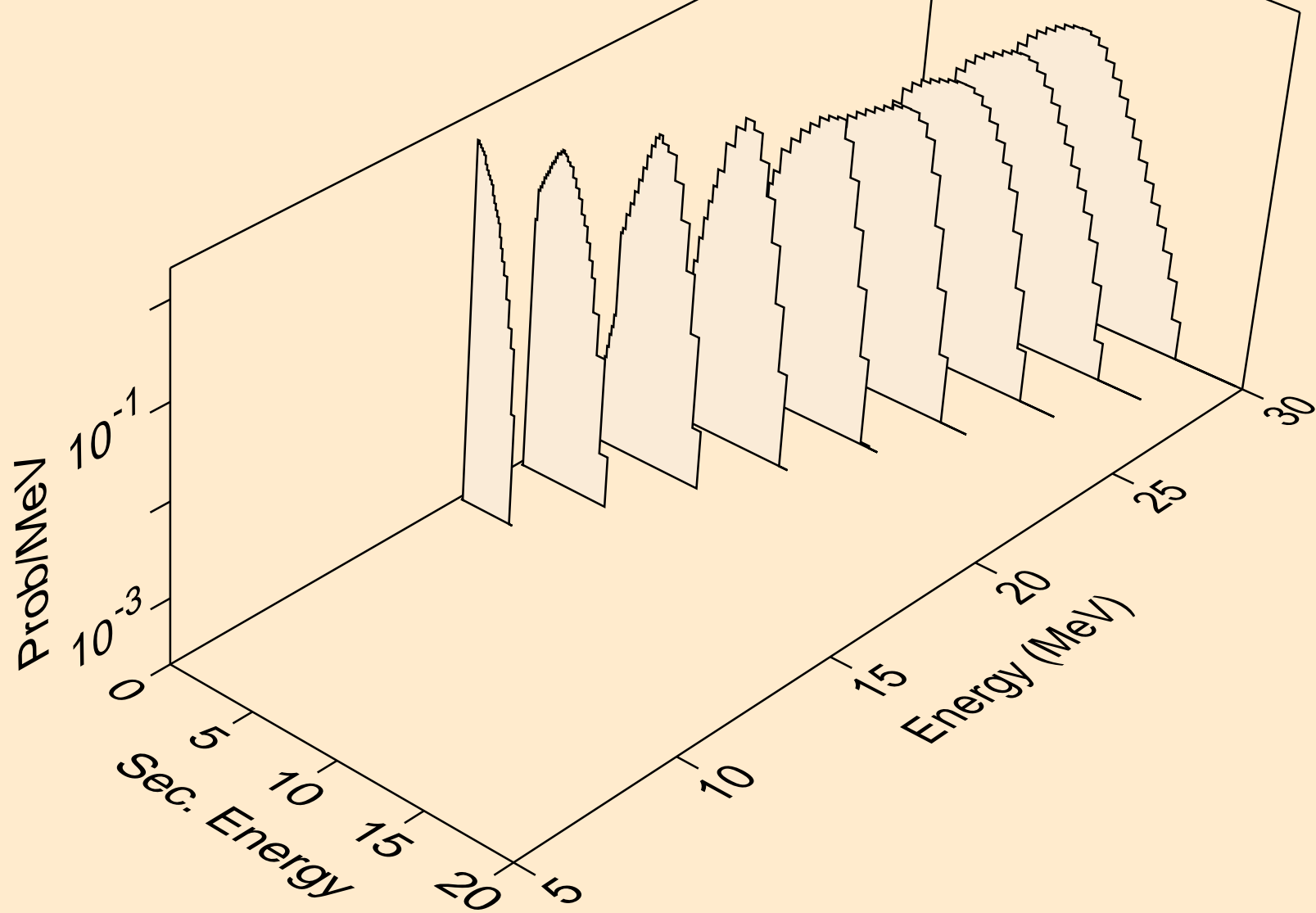
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)



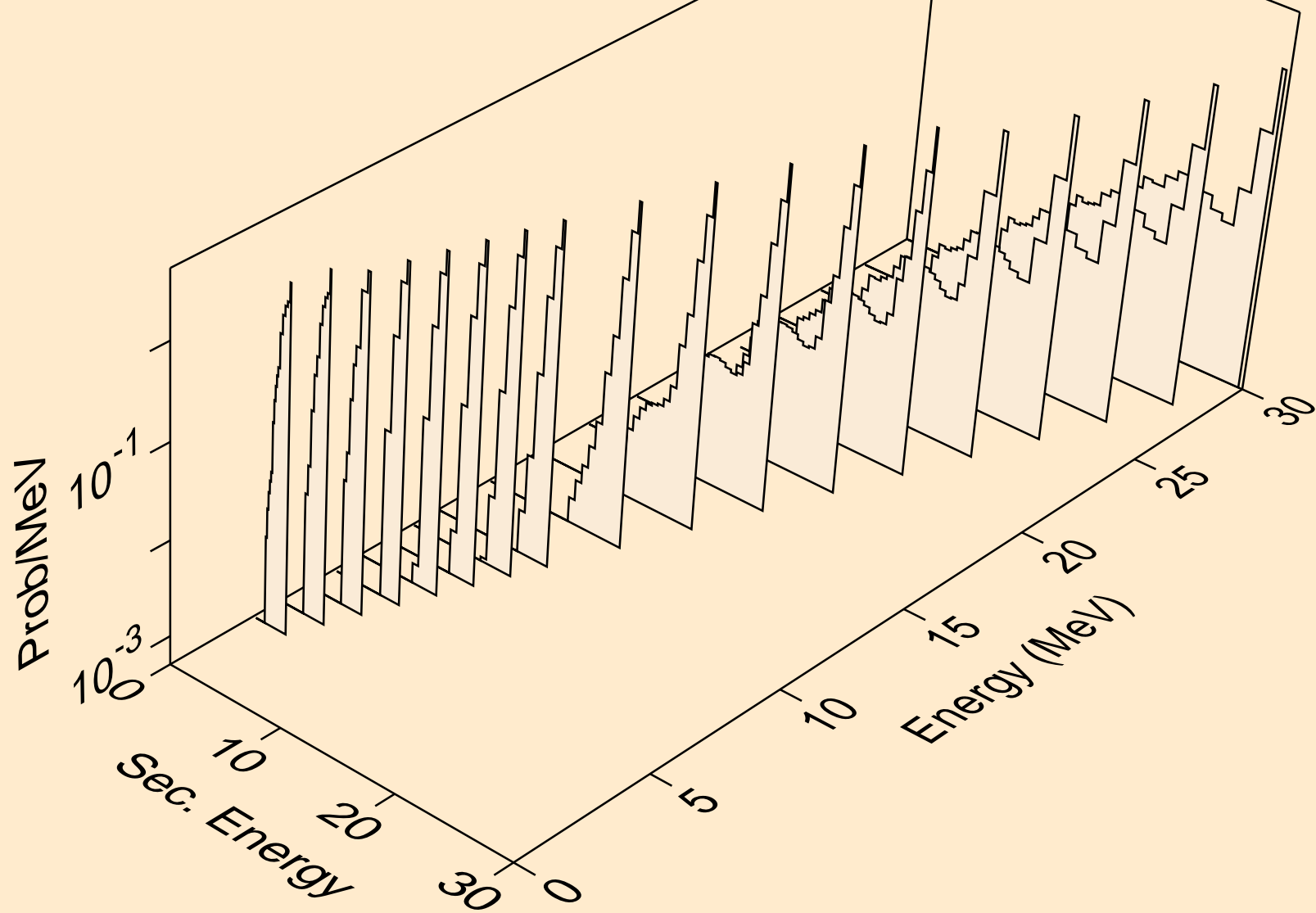
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



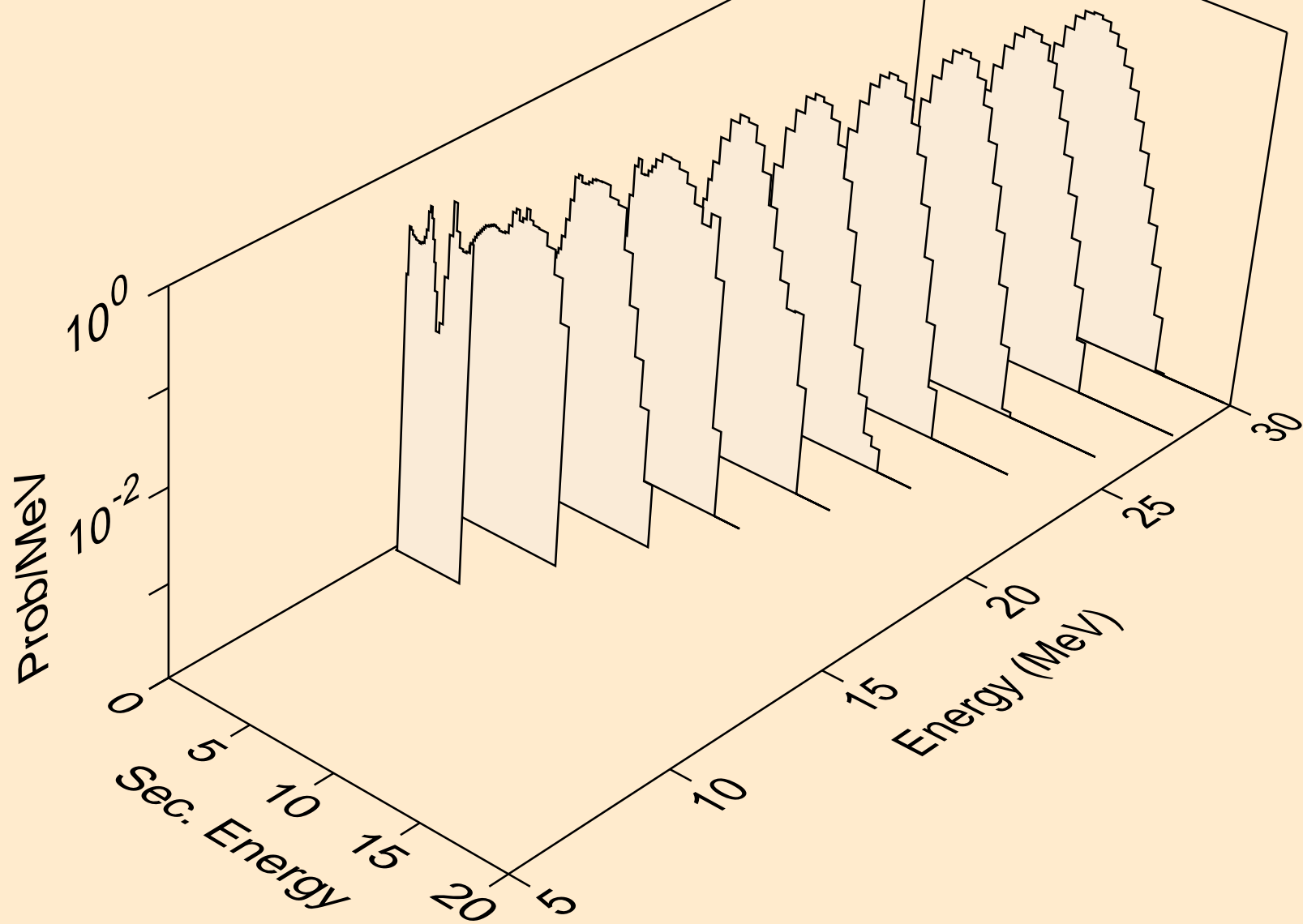
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)



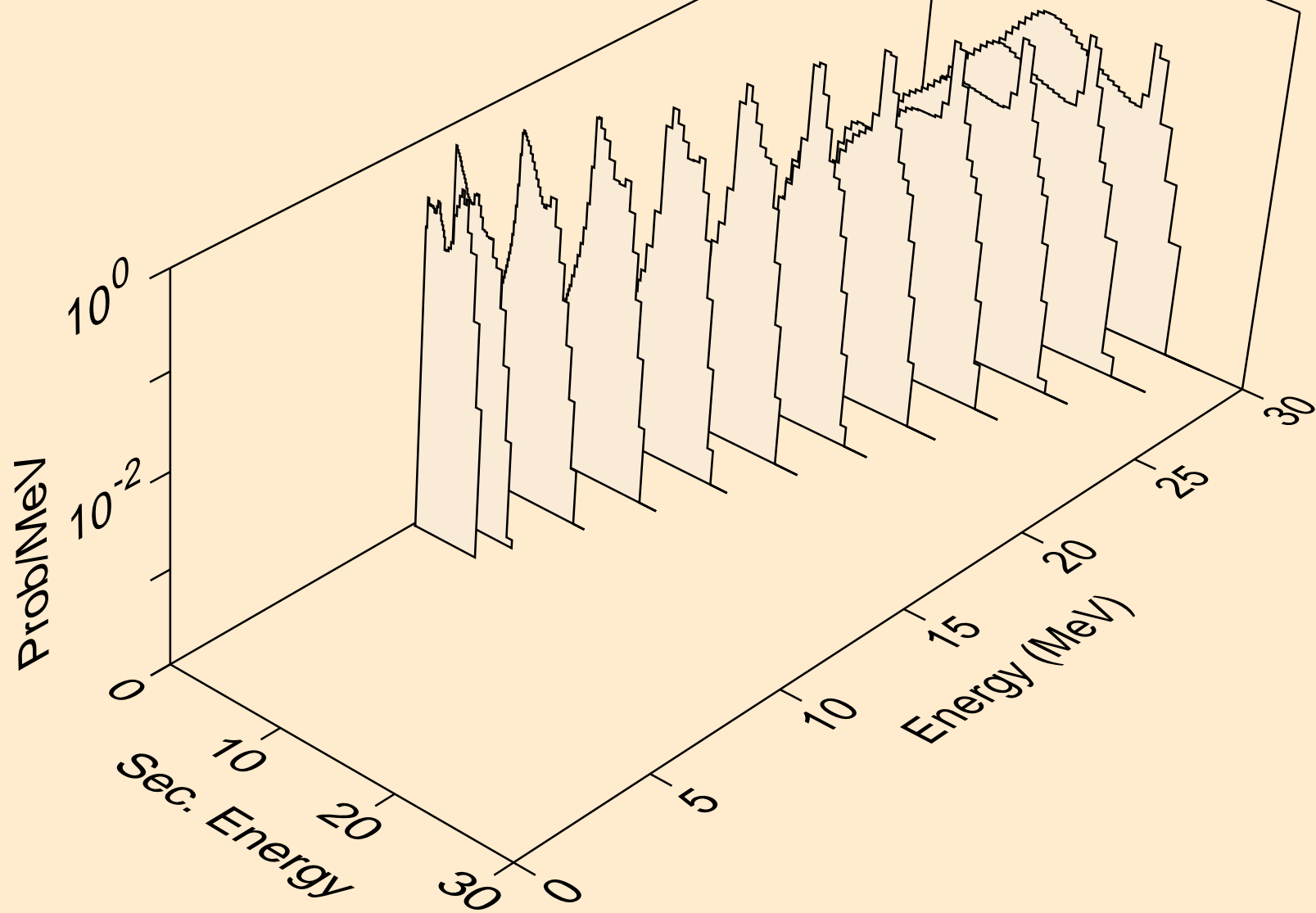
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



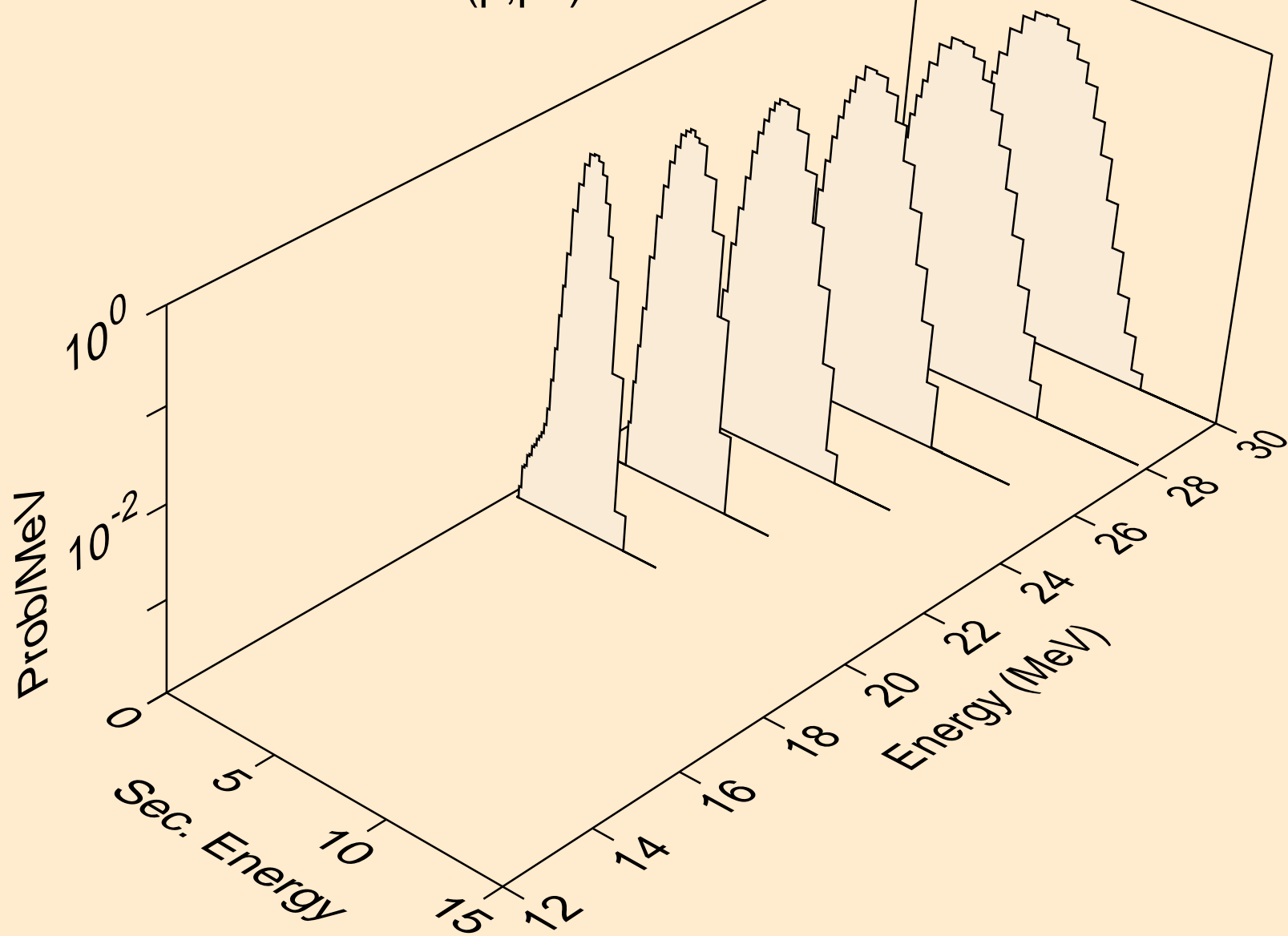
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2p)



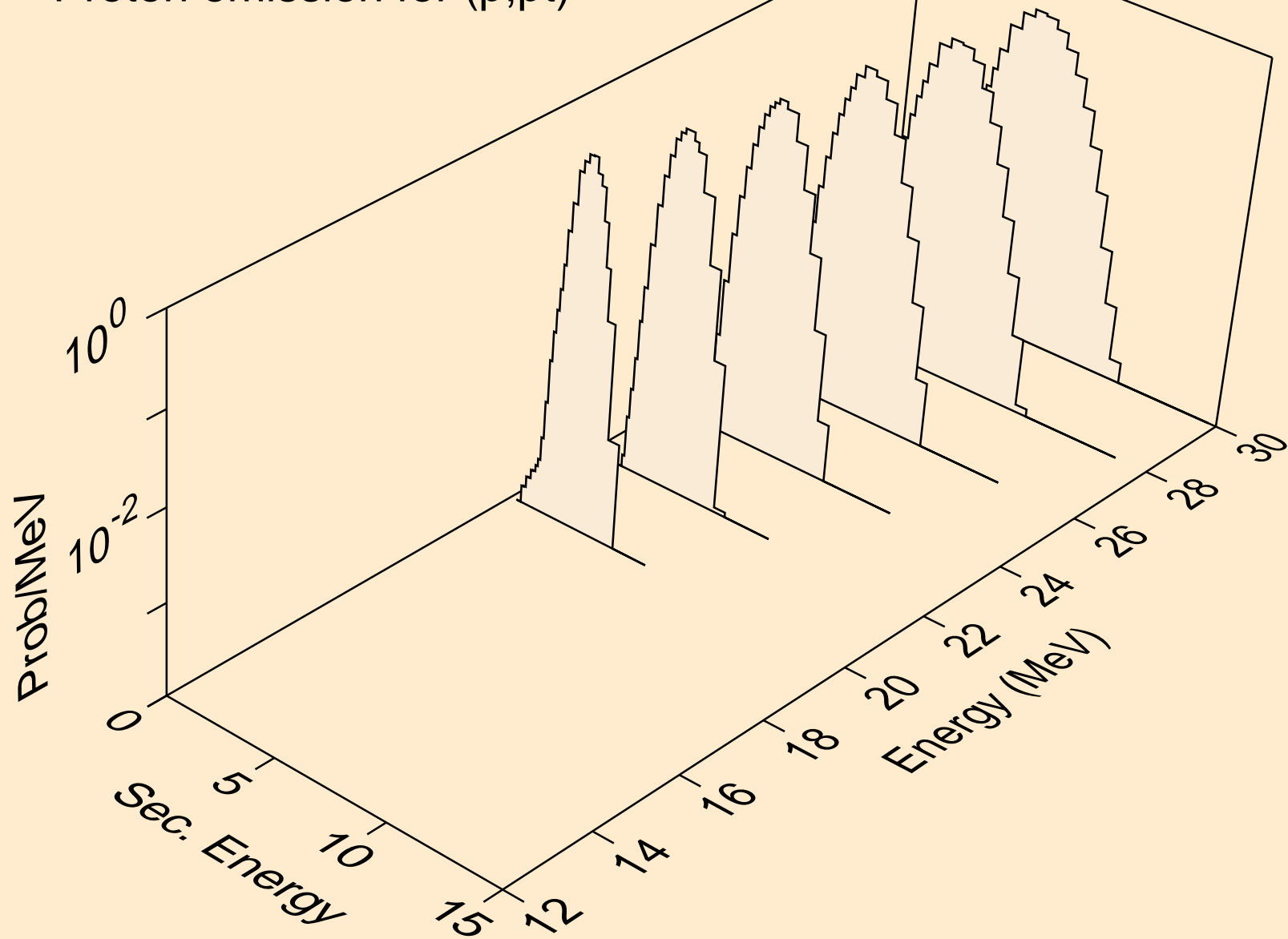
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pa)



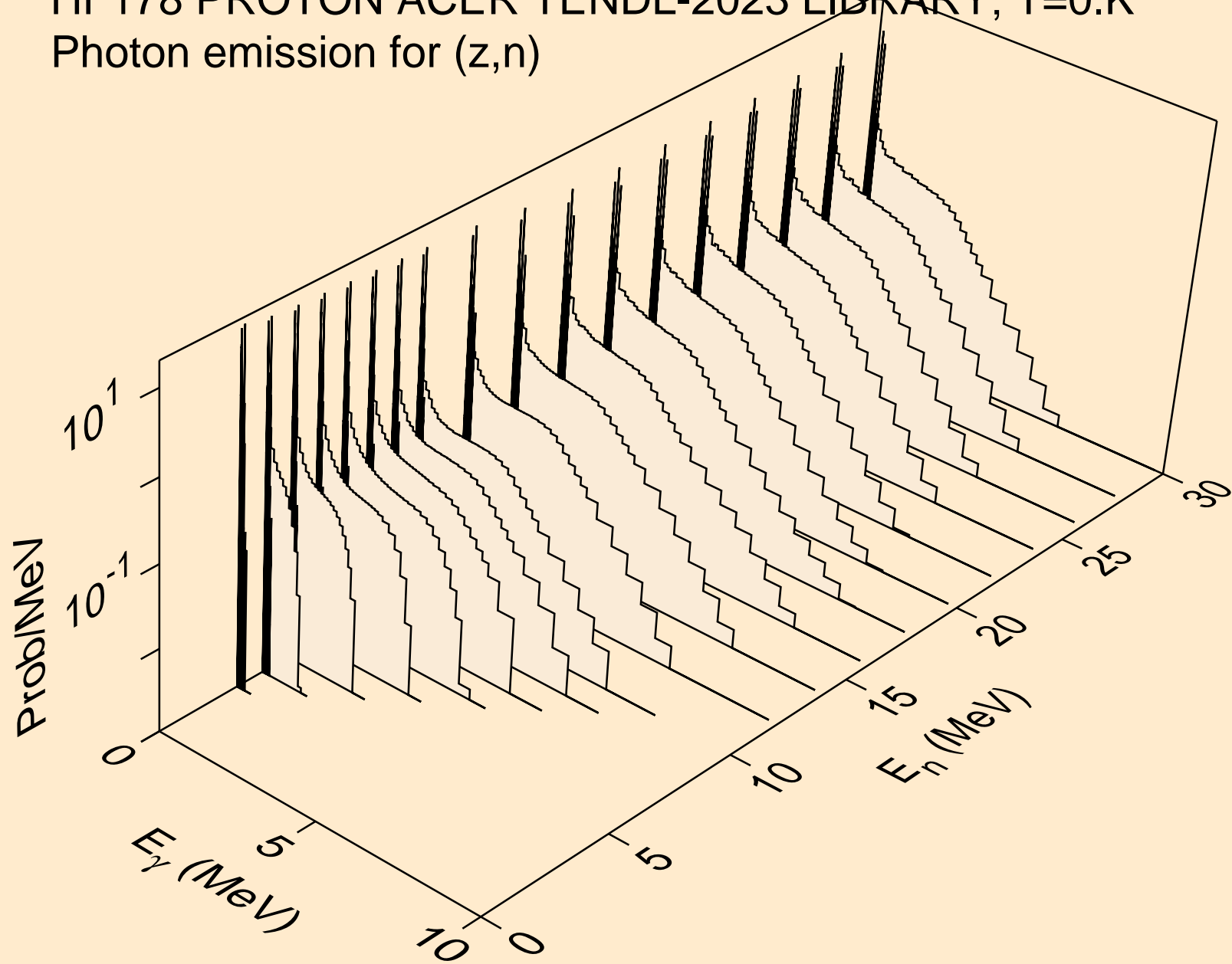
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pd)



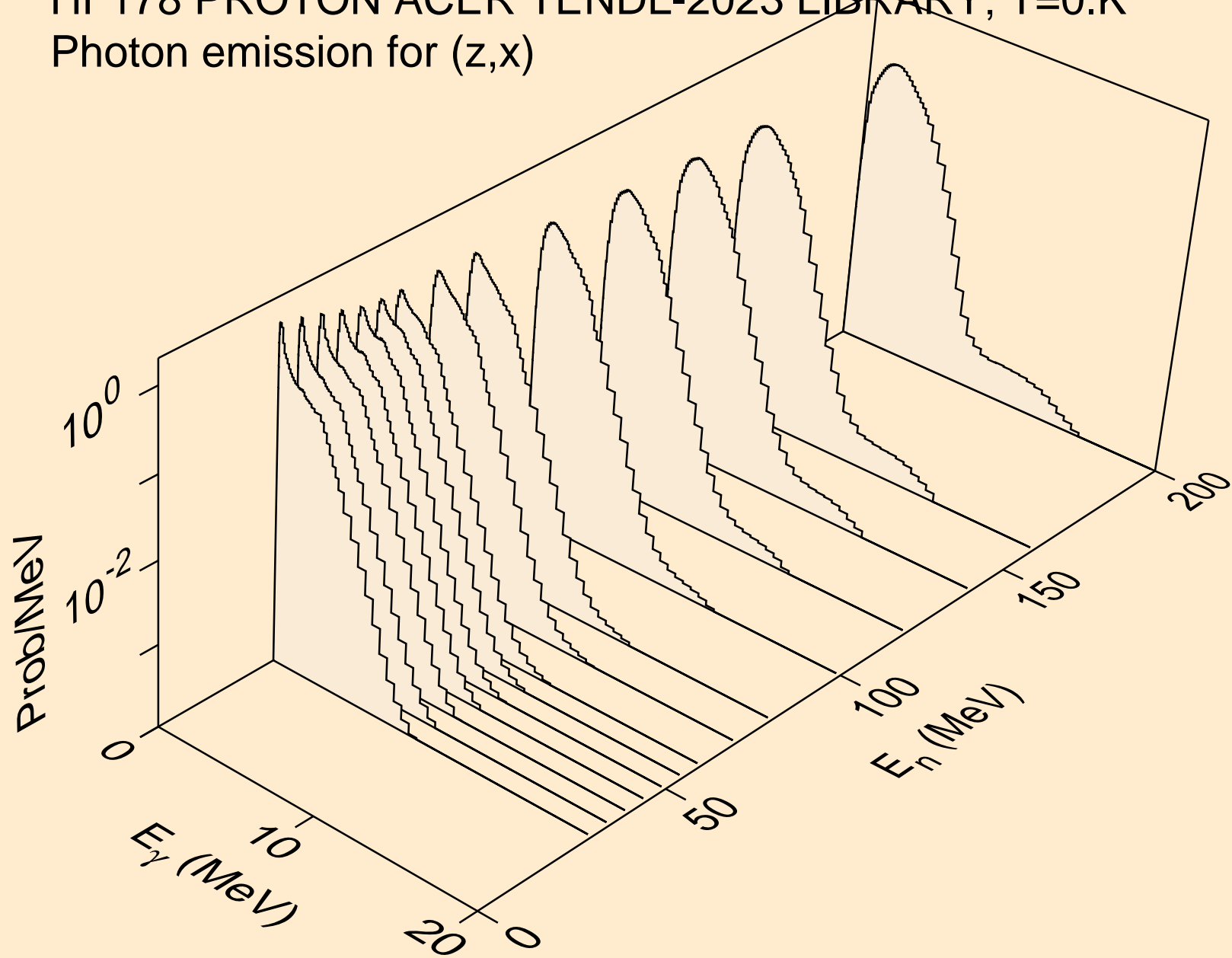
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pt)



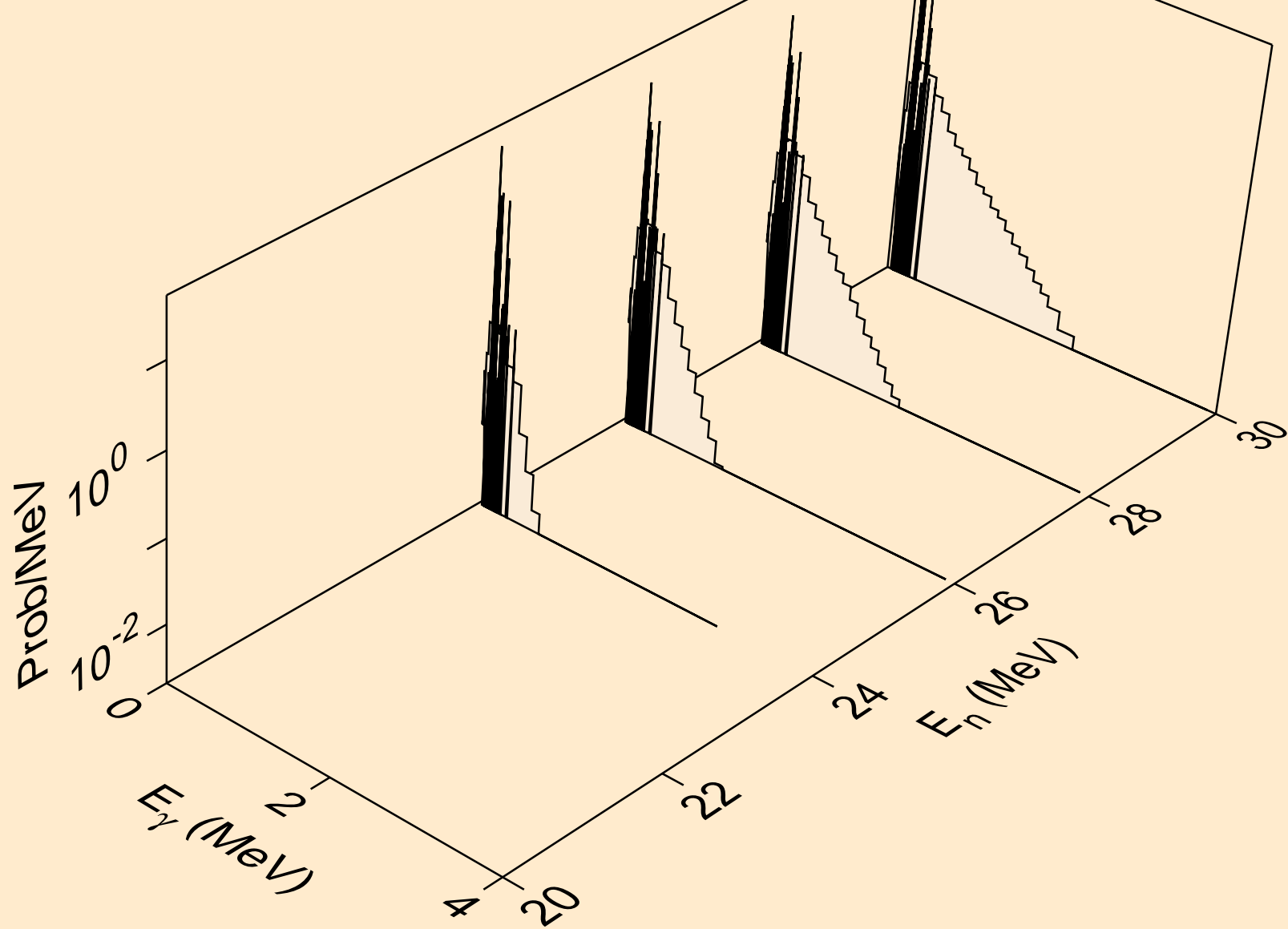
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



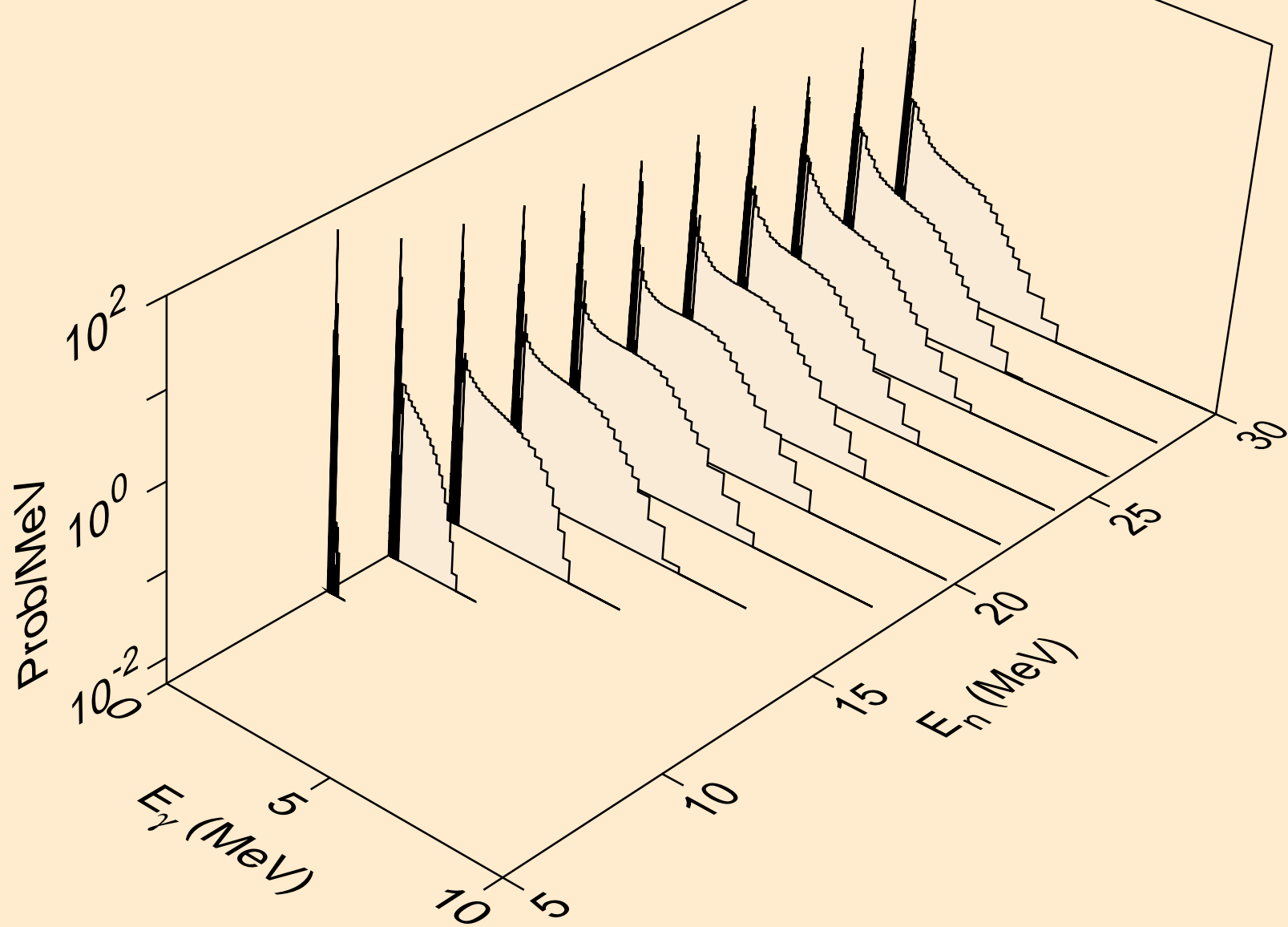
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



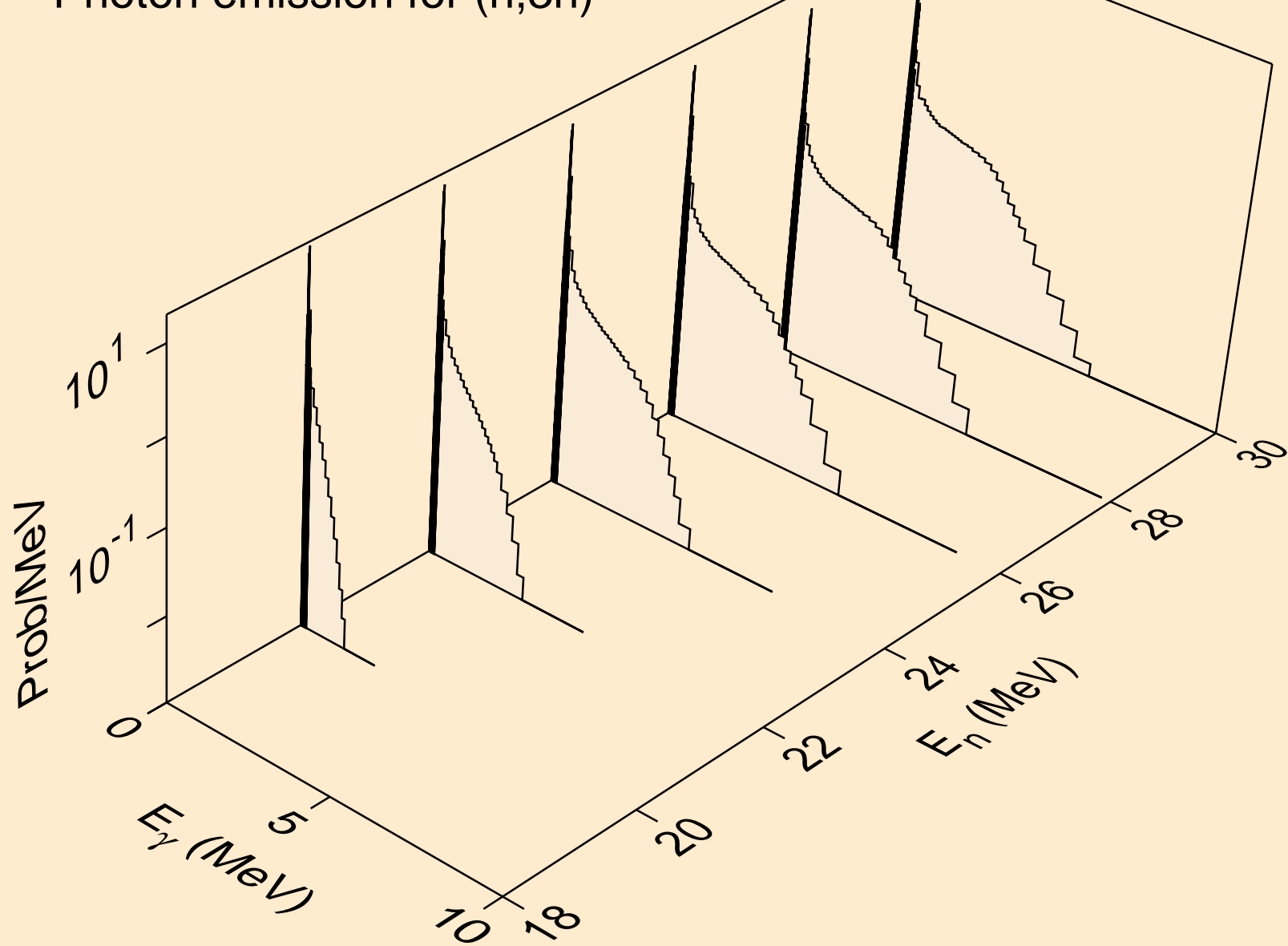
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



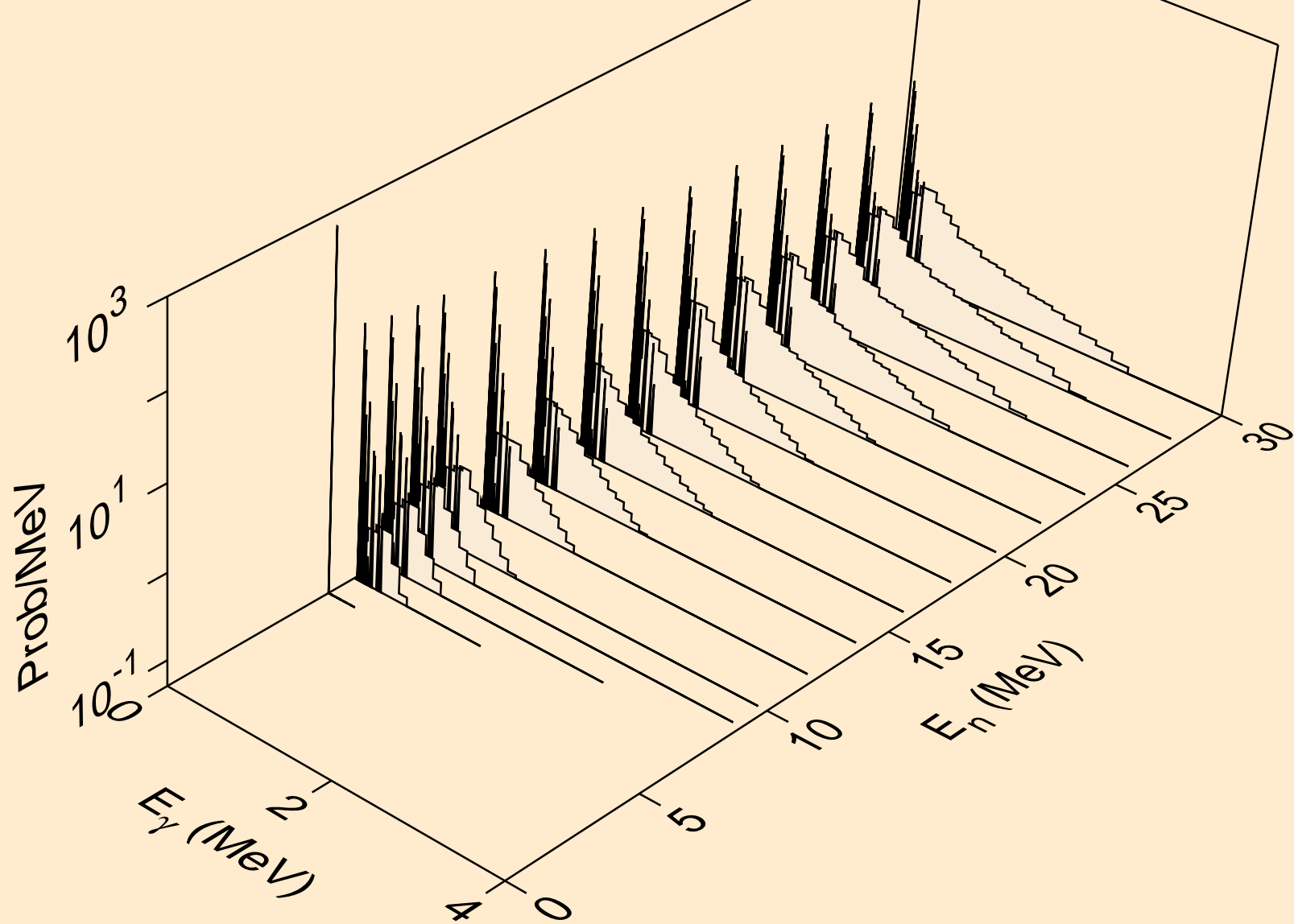
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



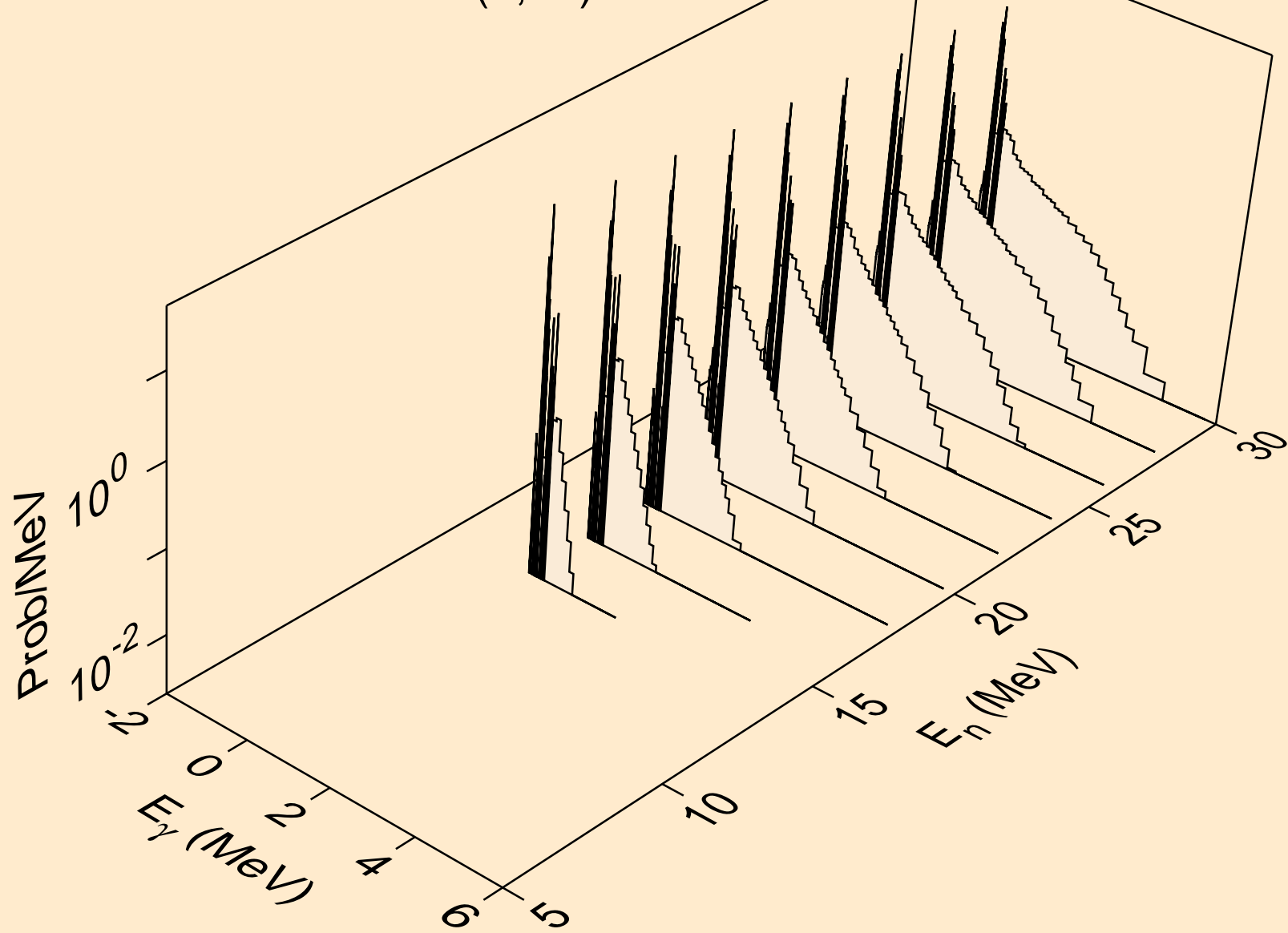
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



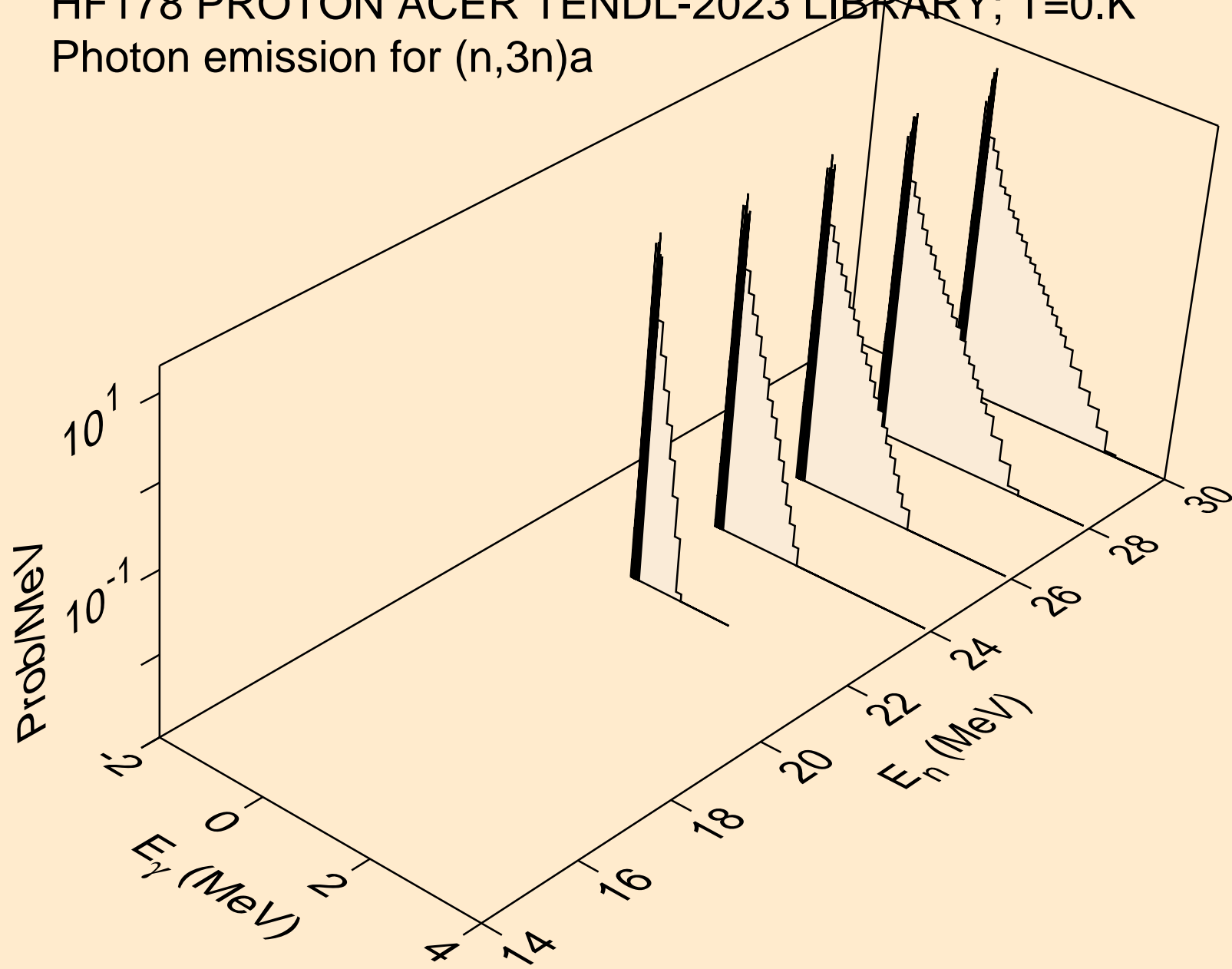
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



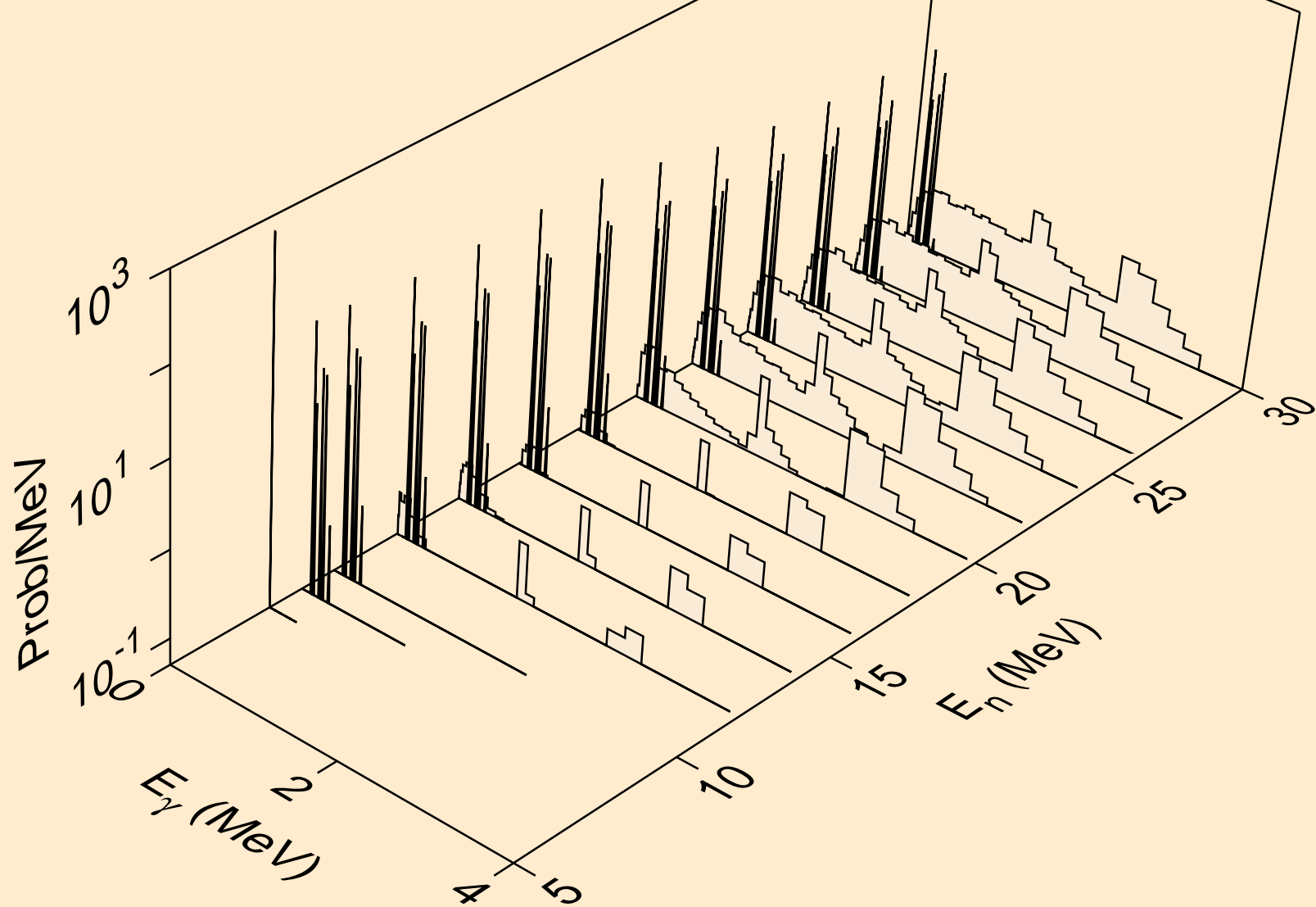
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



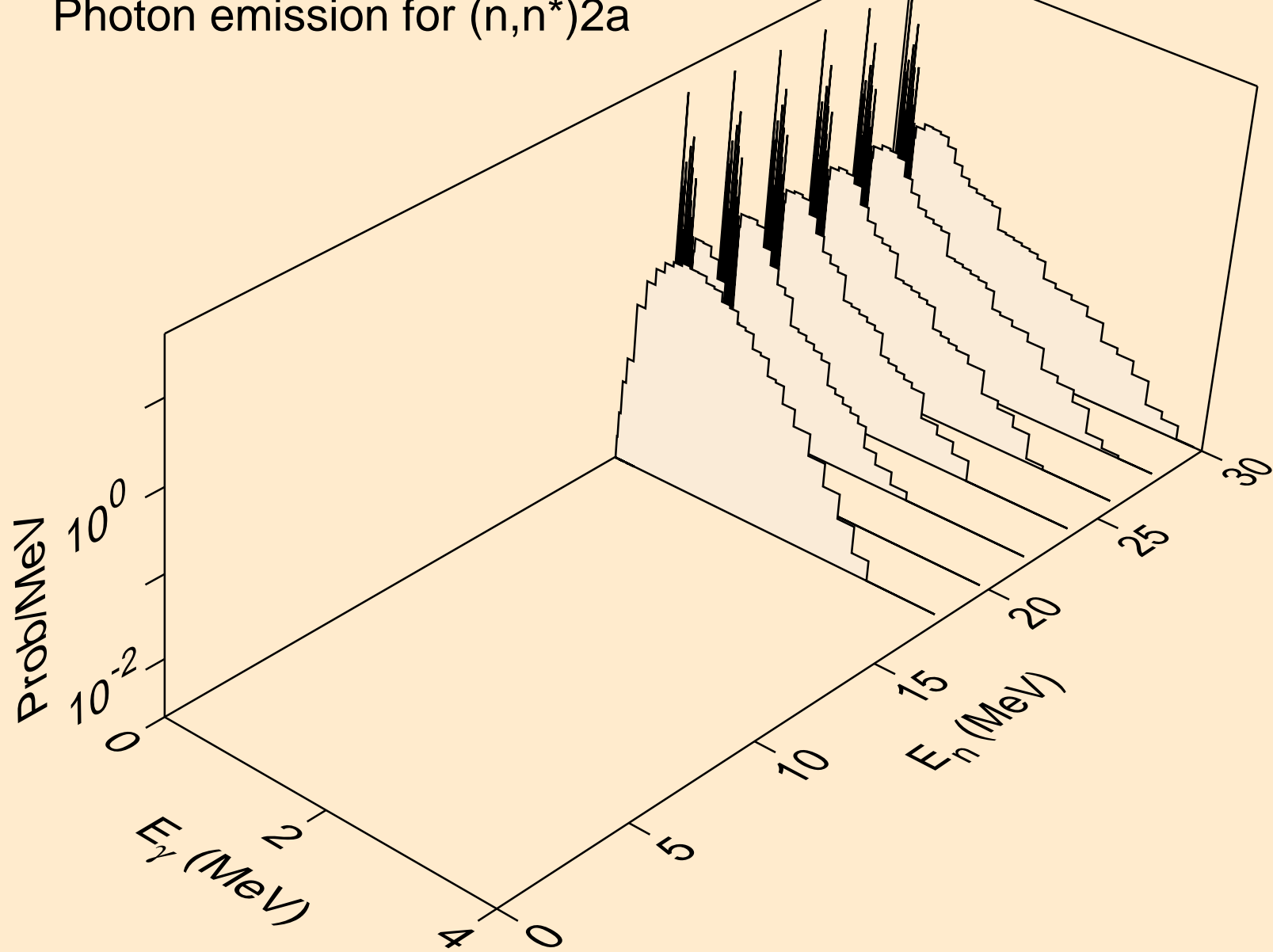
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



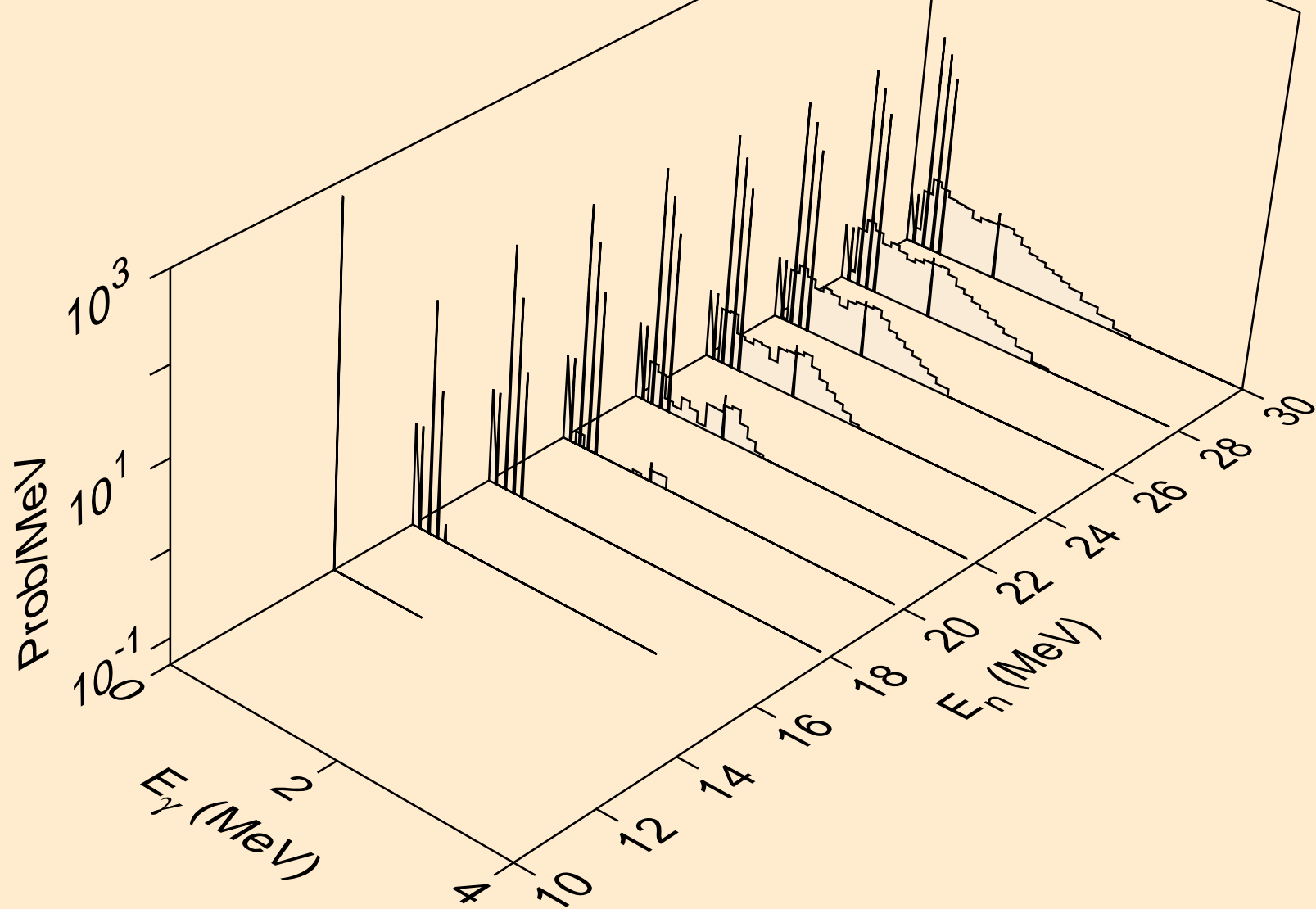
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



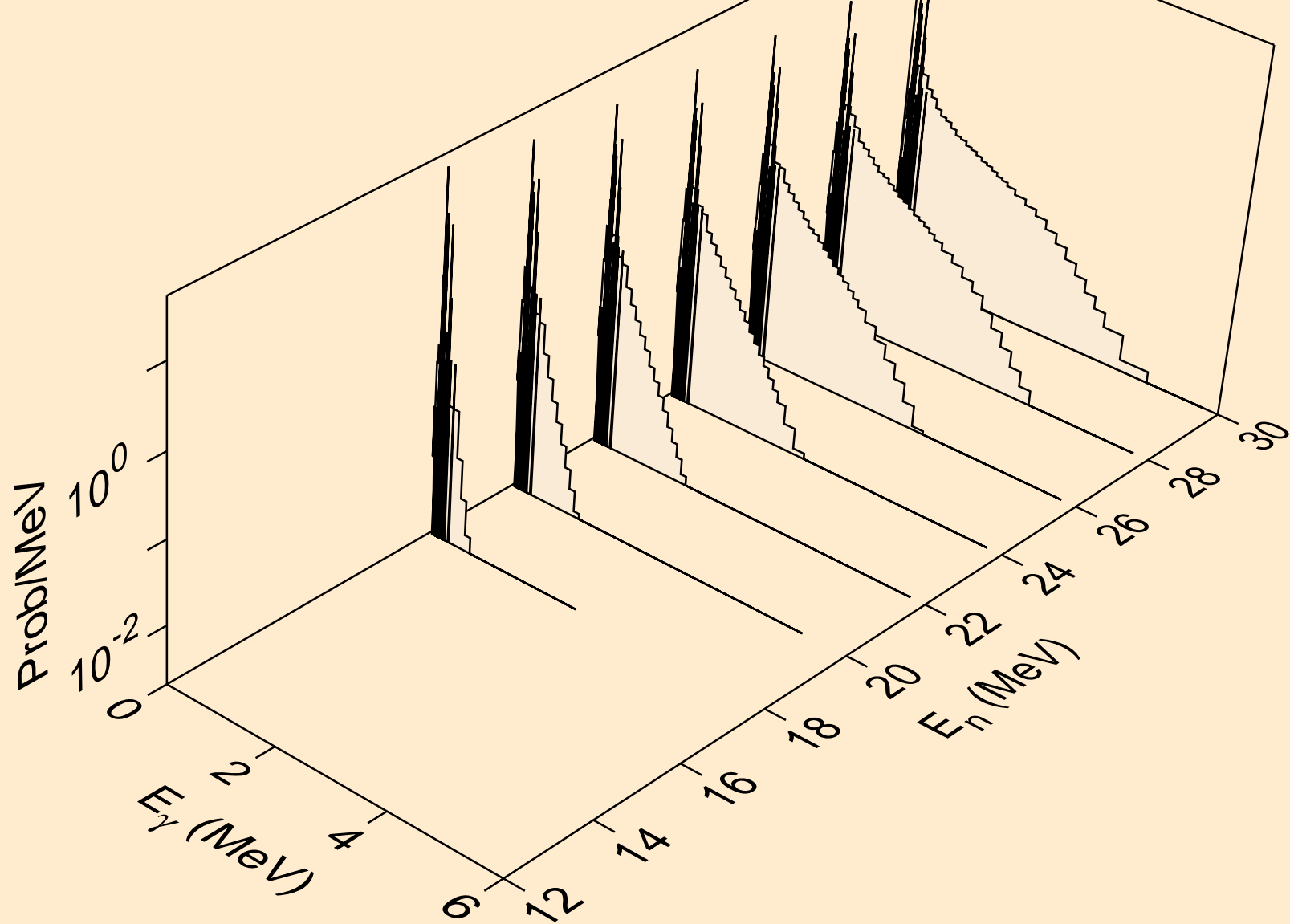
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



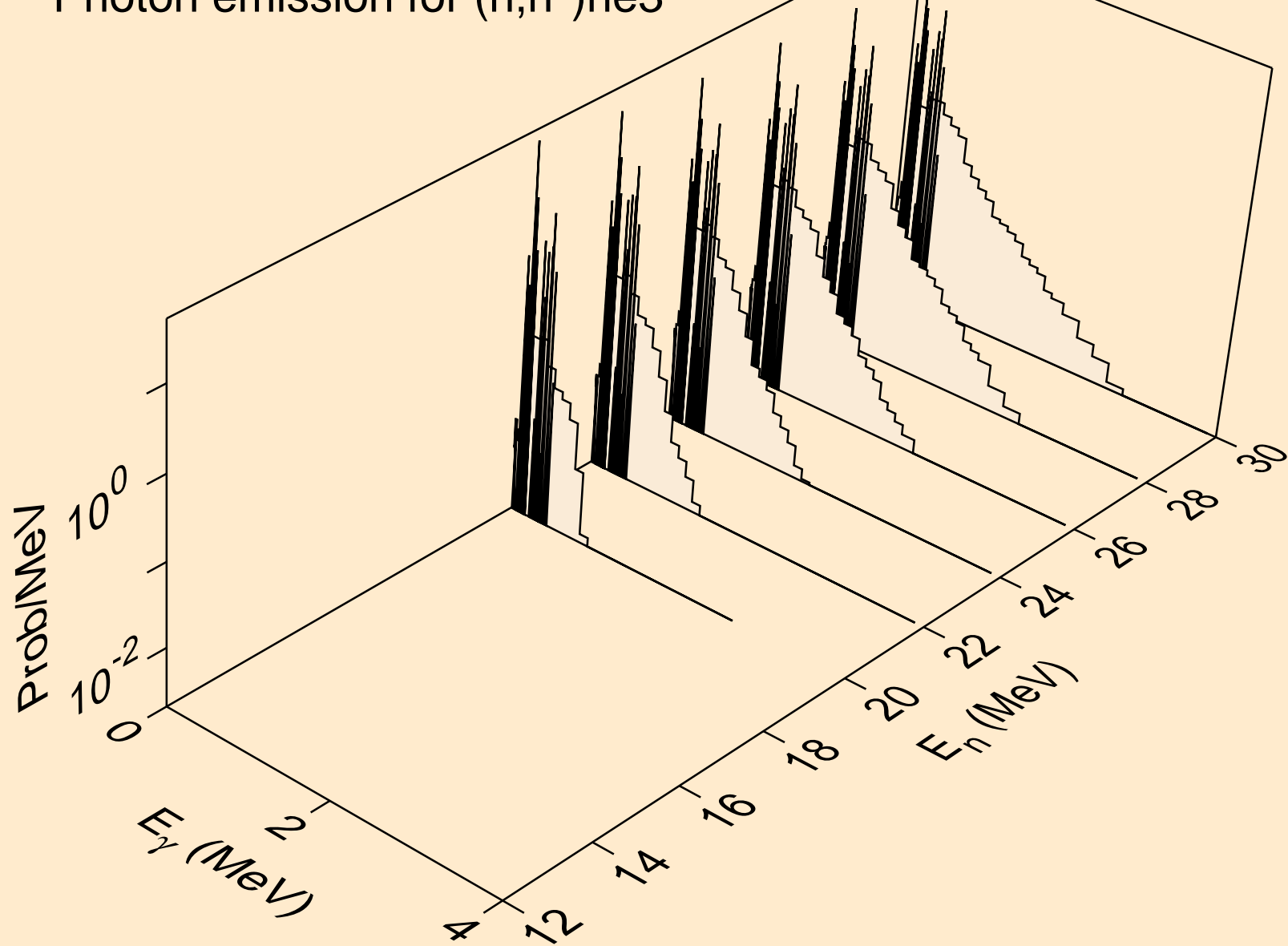
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



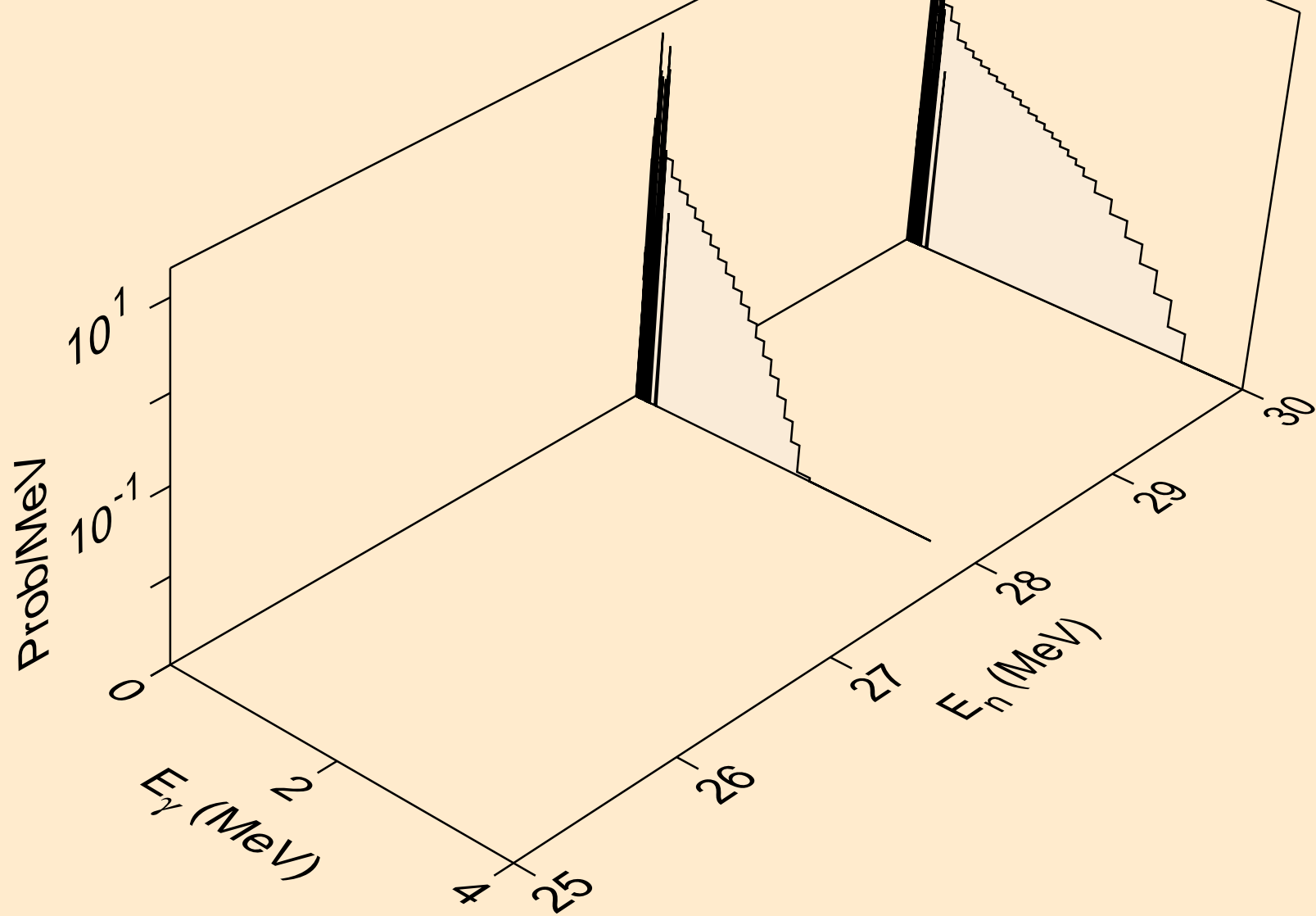
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



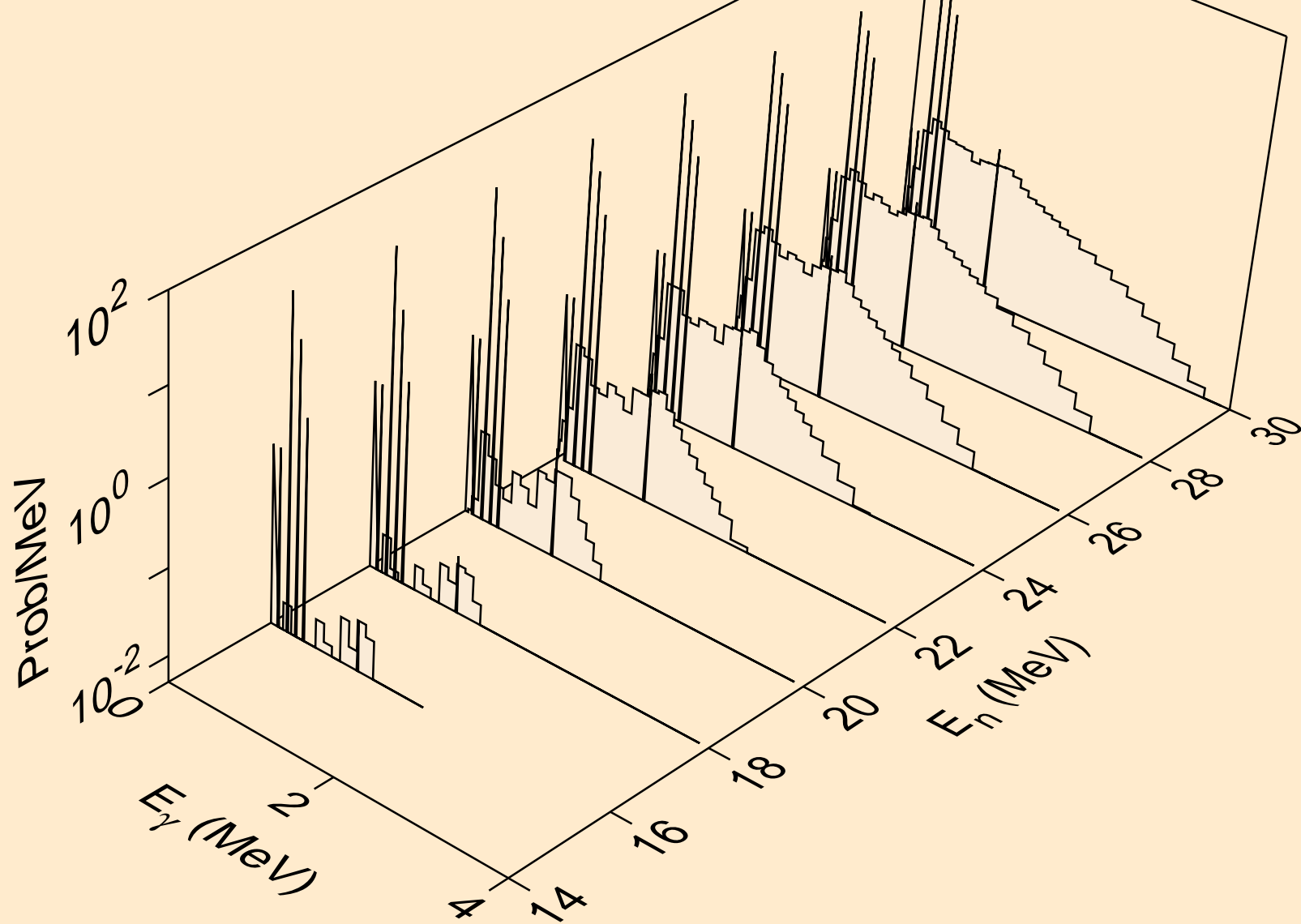
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



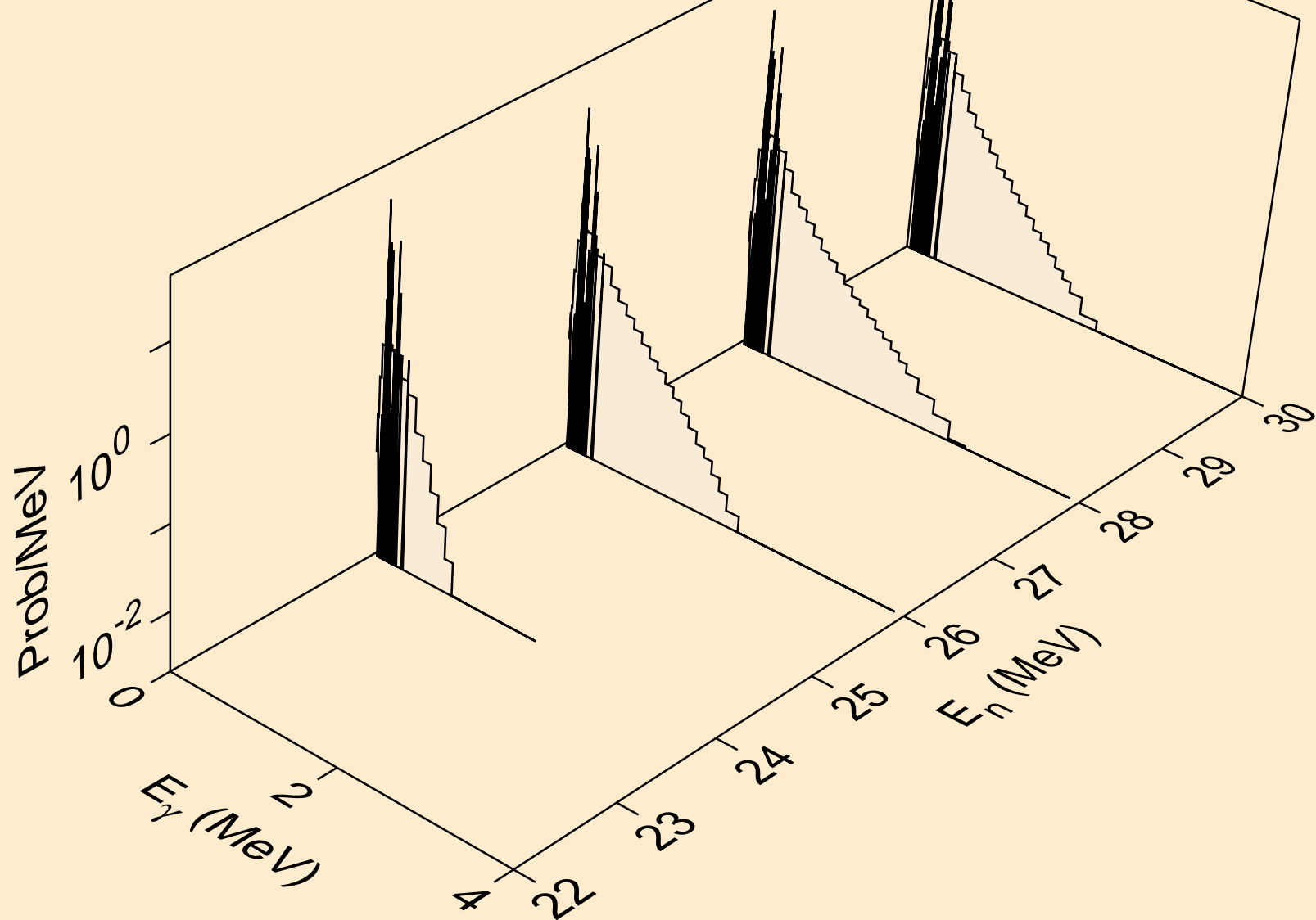
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



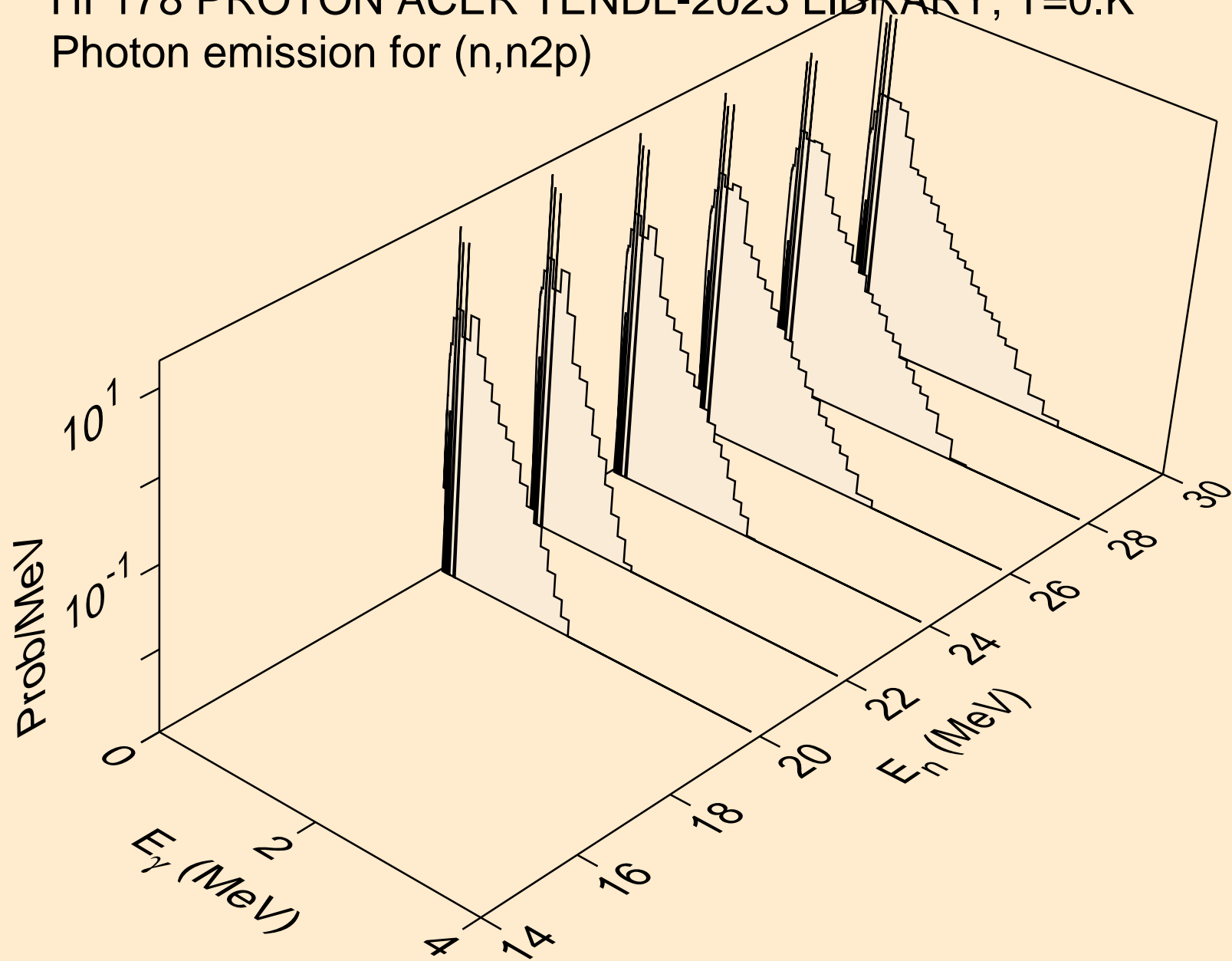
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



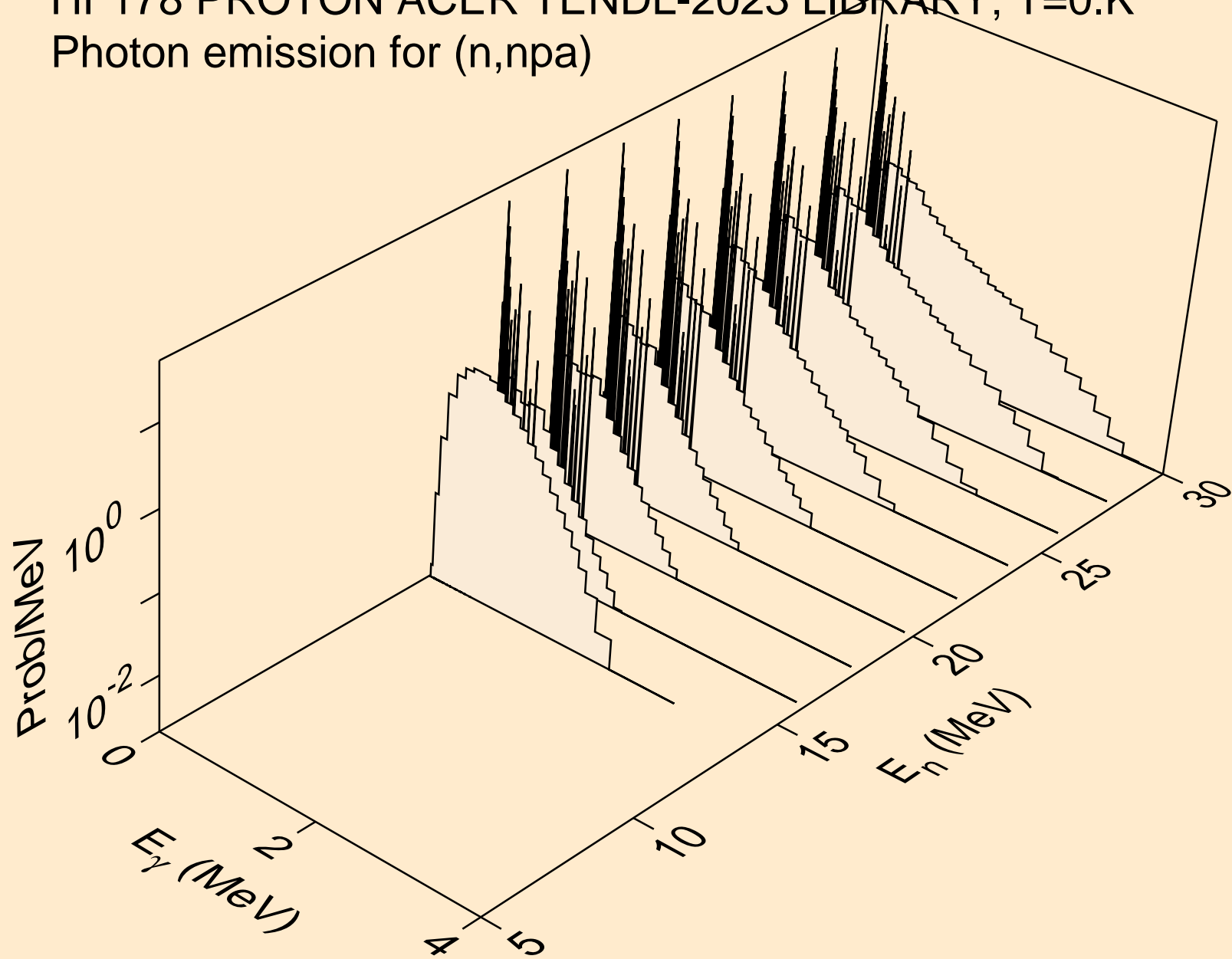
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



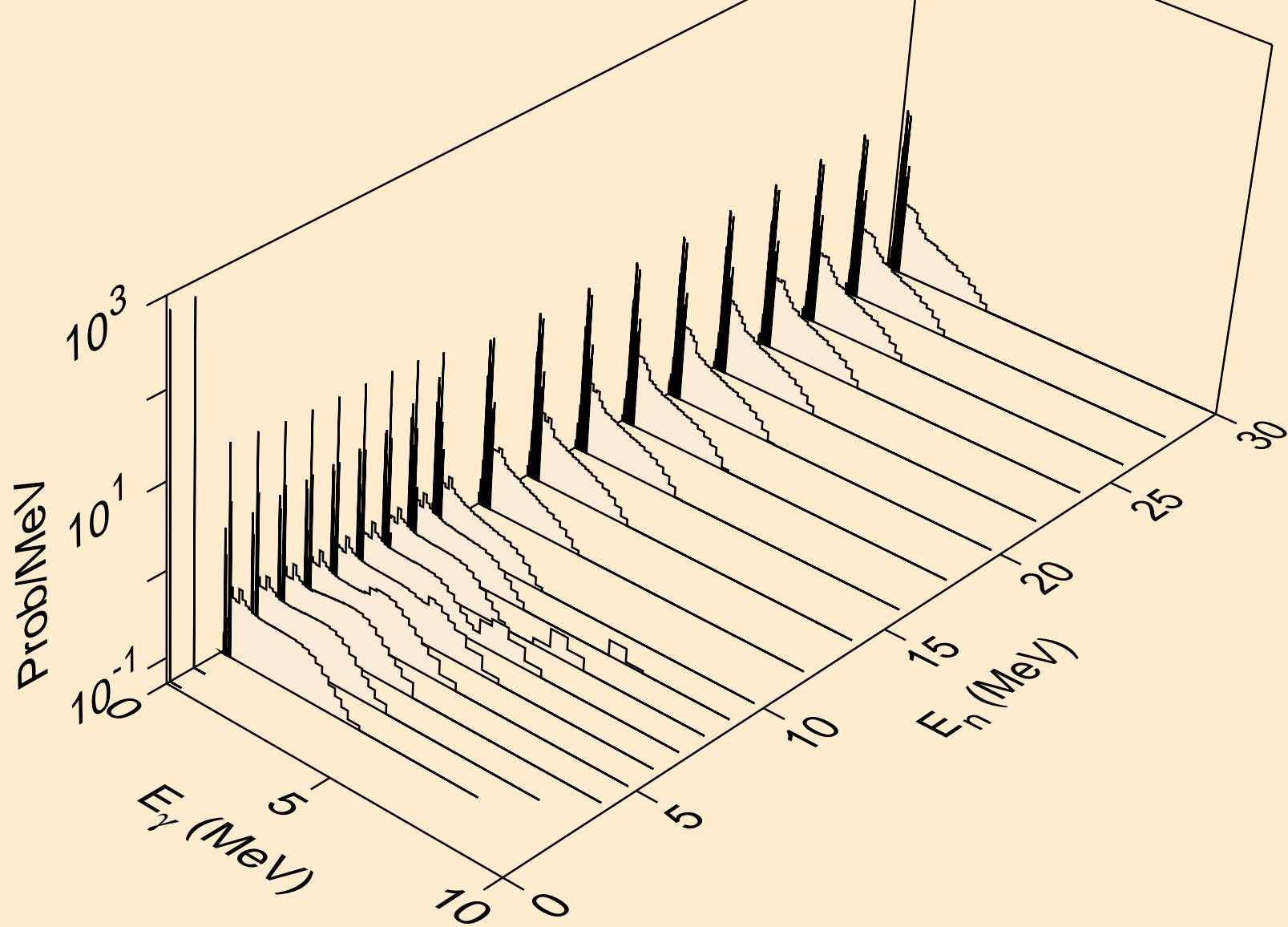
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



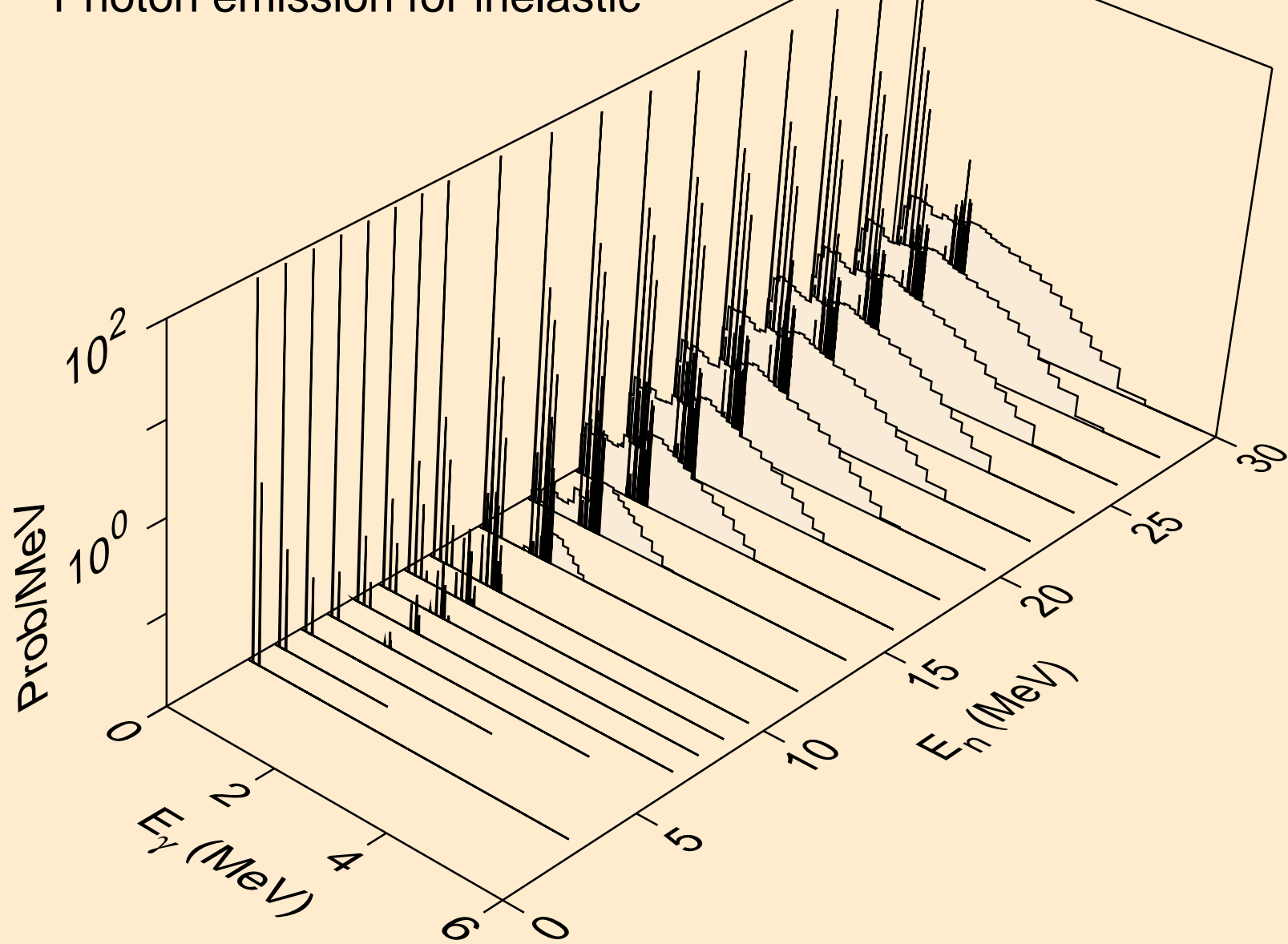
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



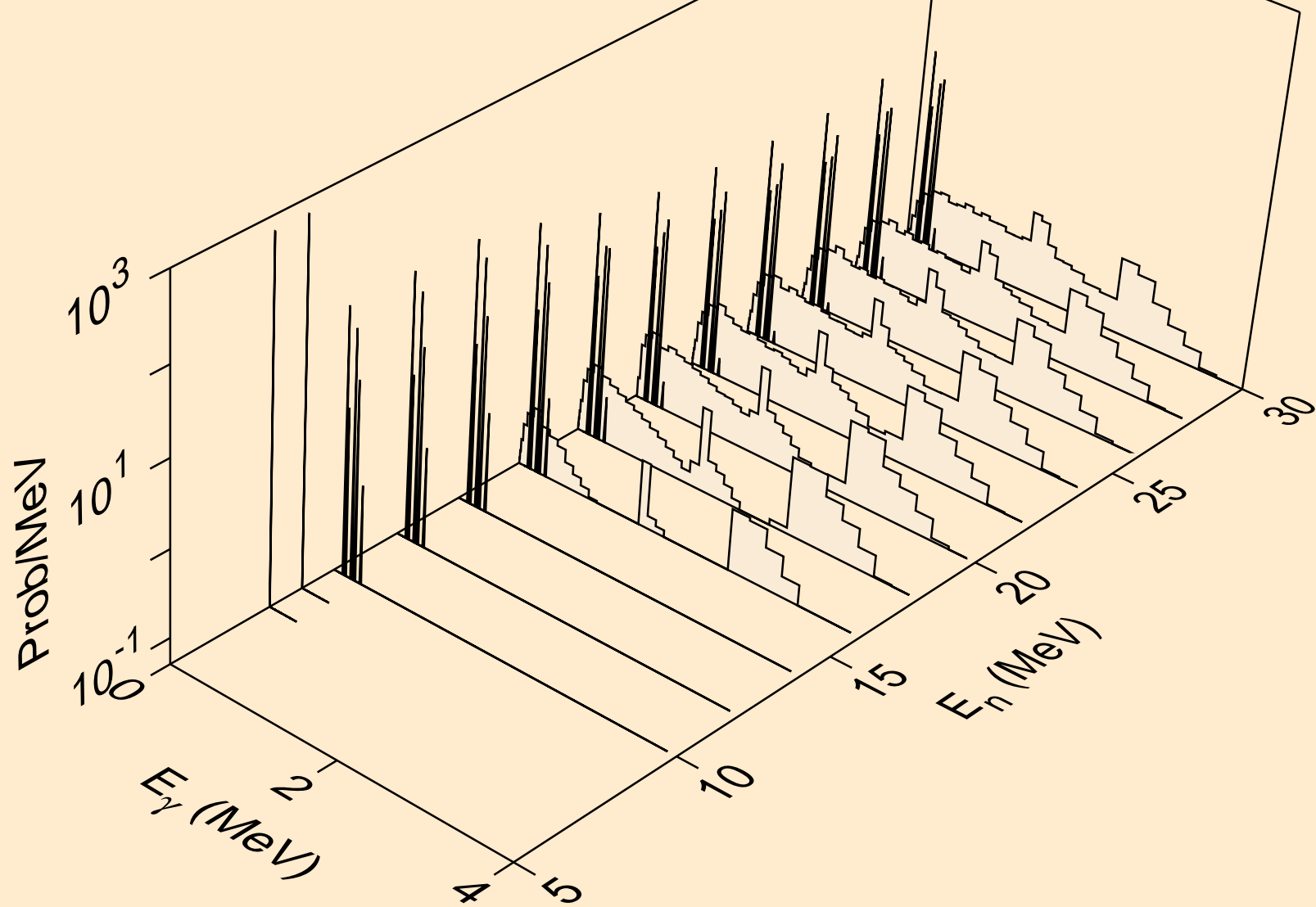
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



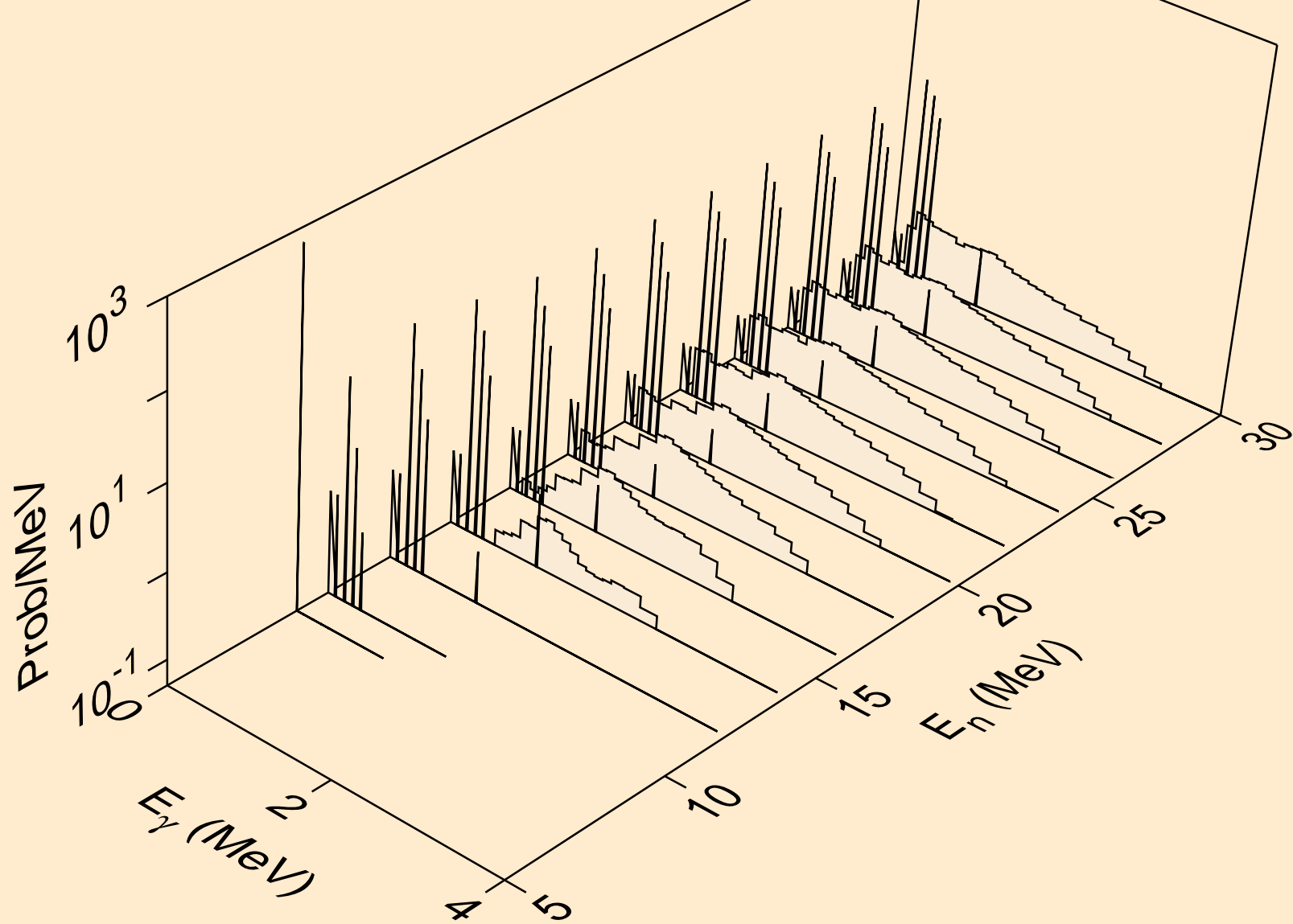
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



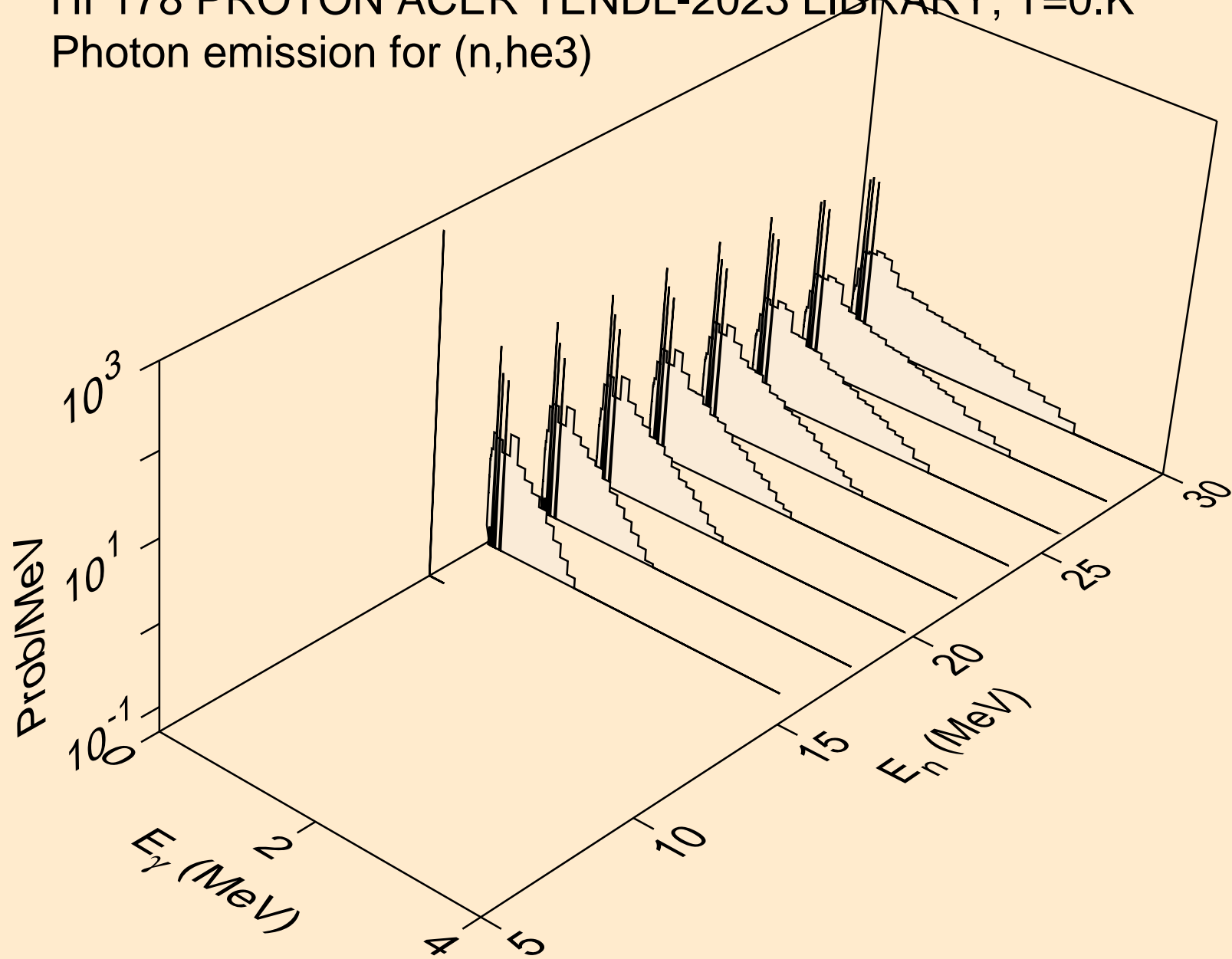
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



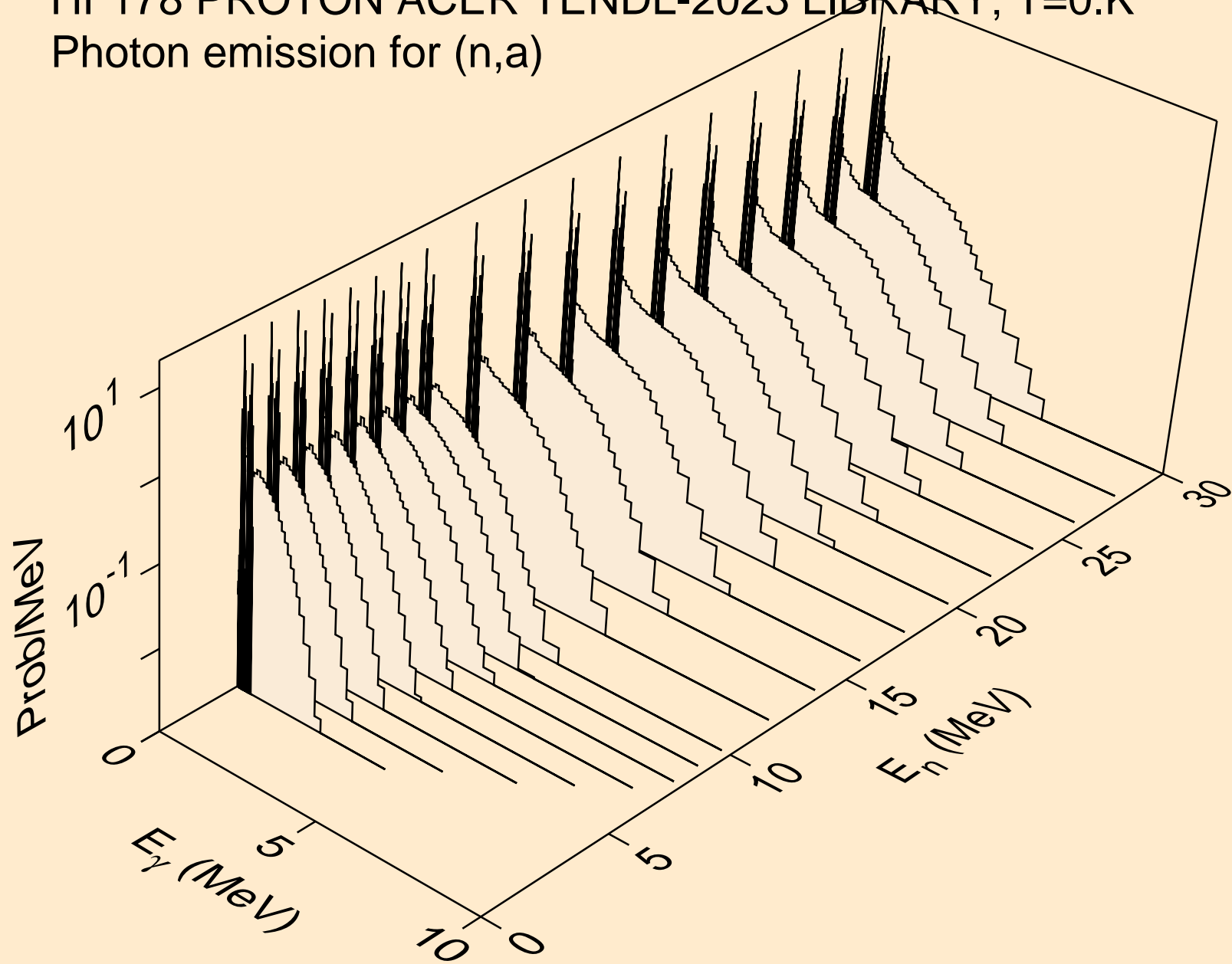
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



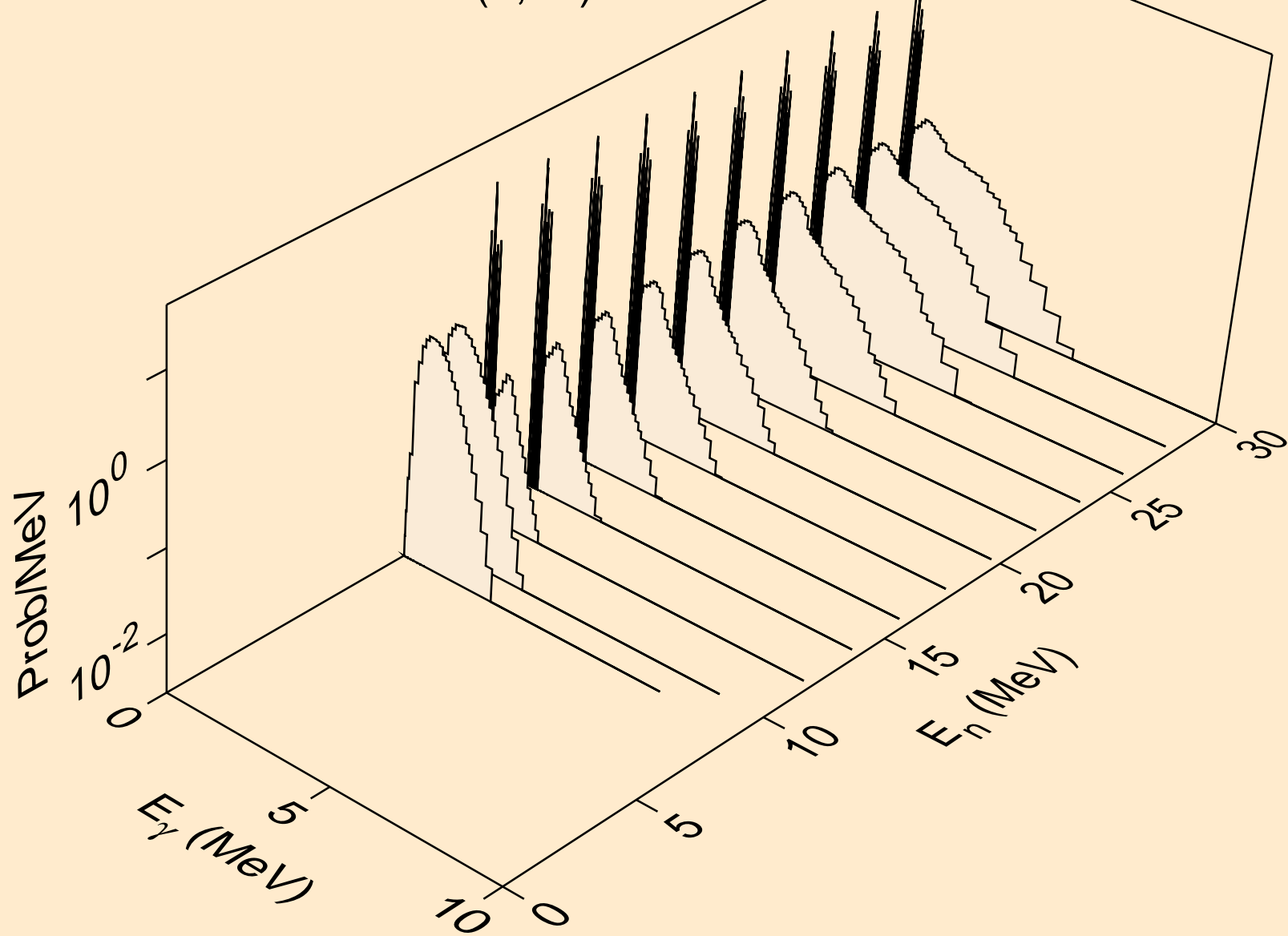
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



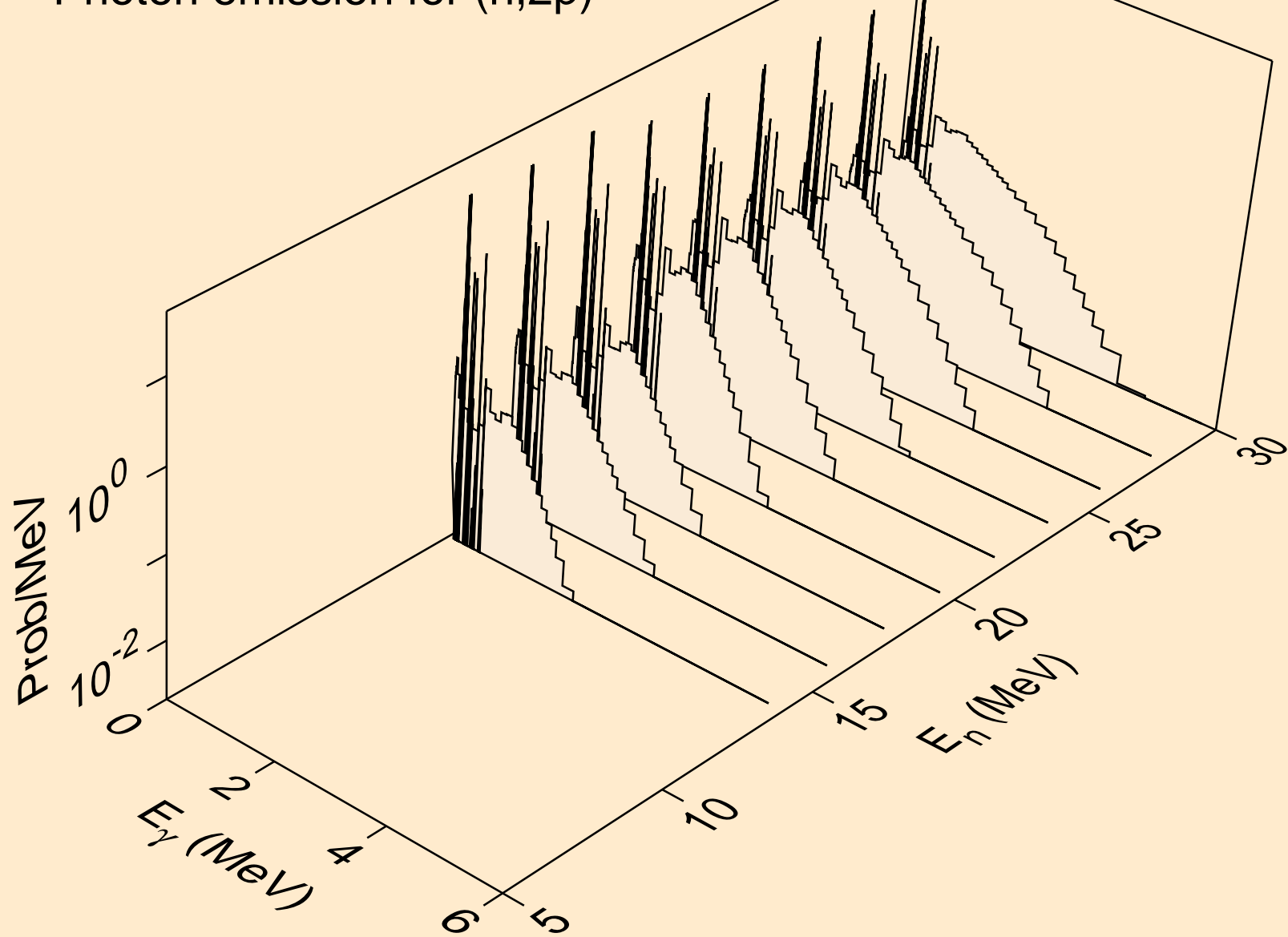
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



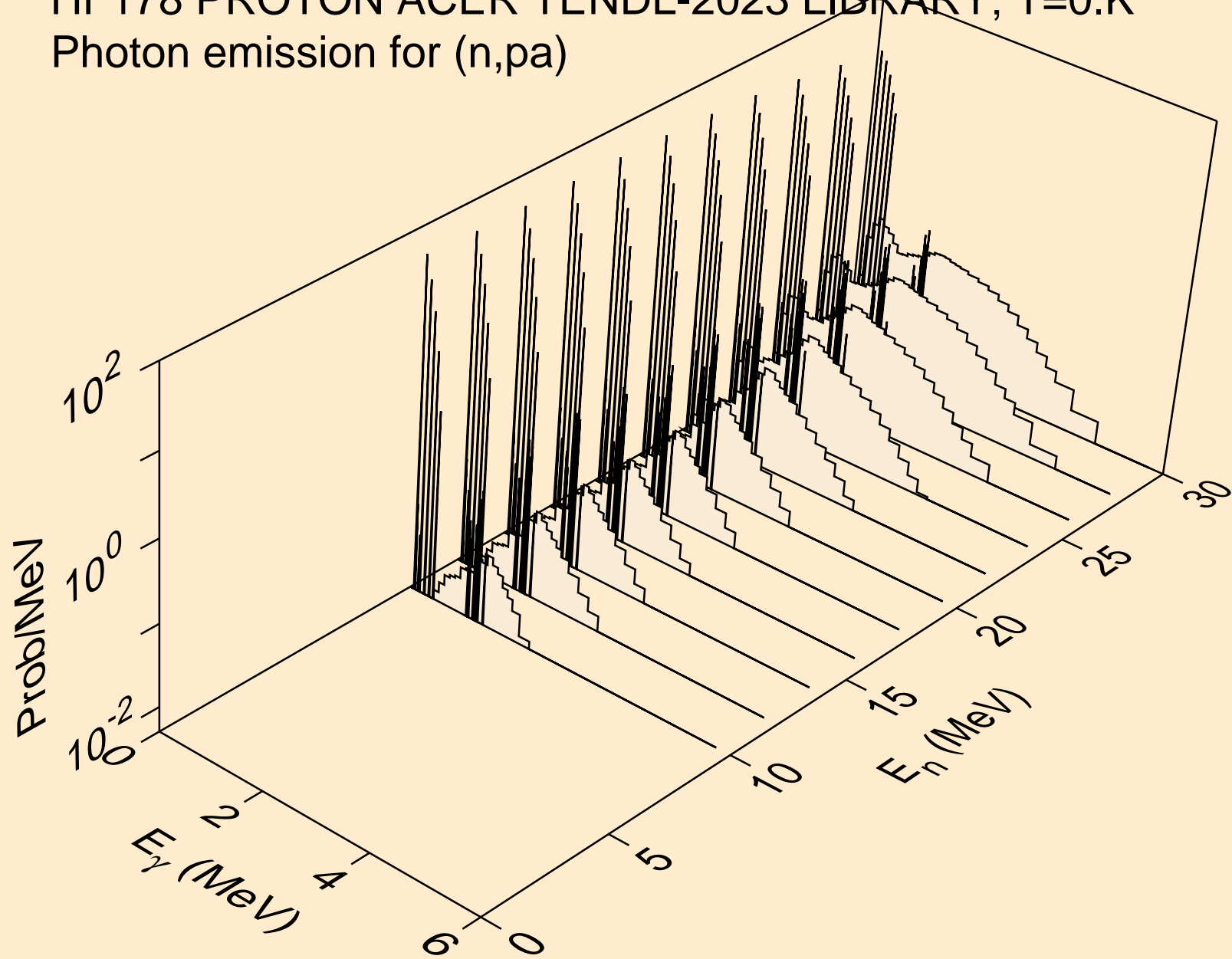
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



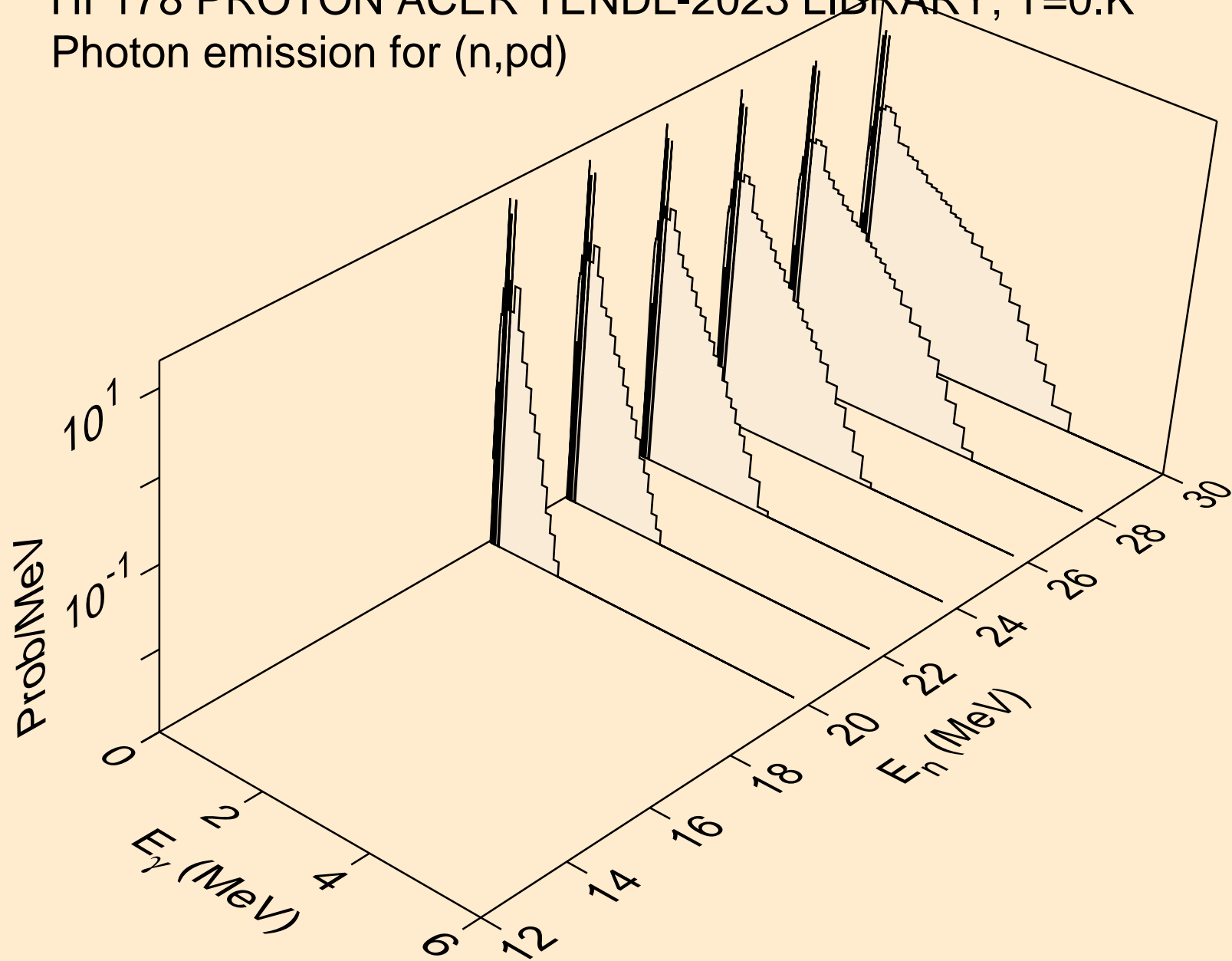
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



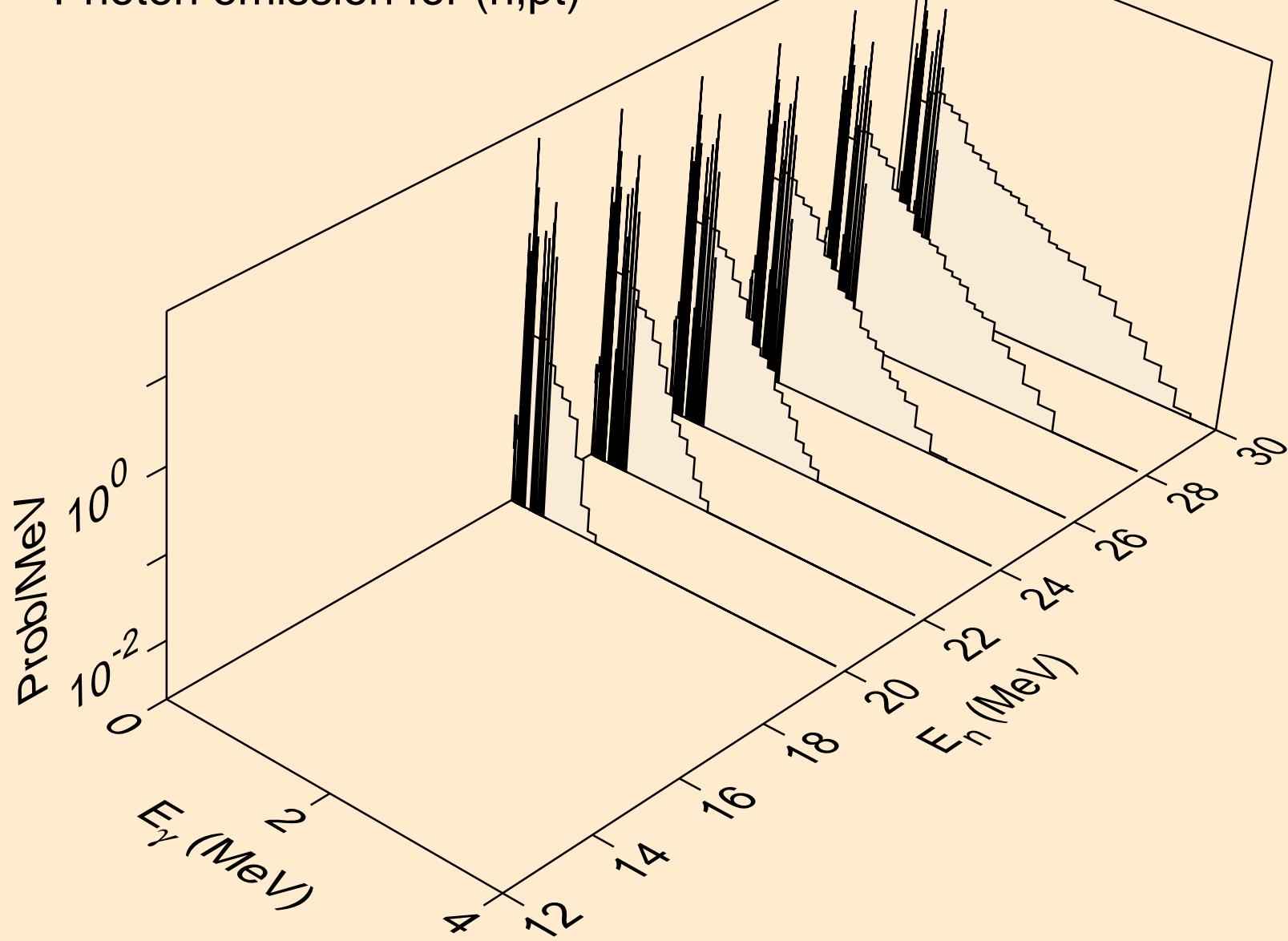
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)



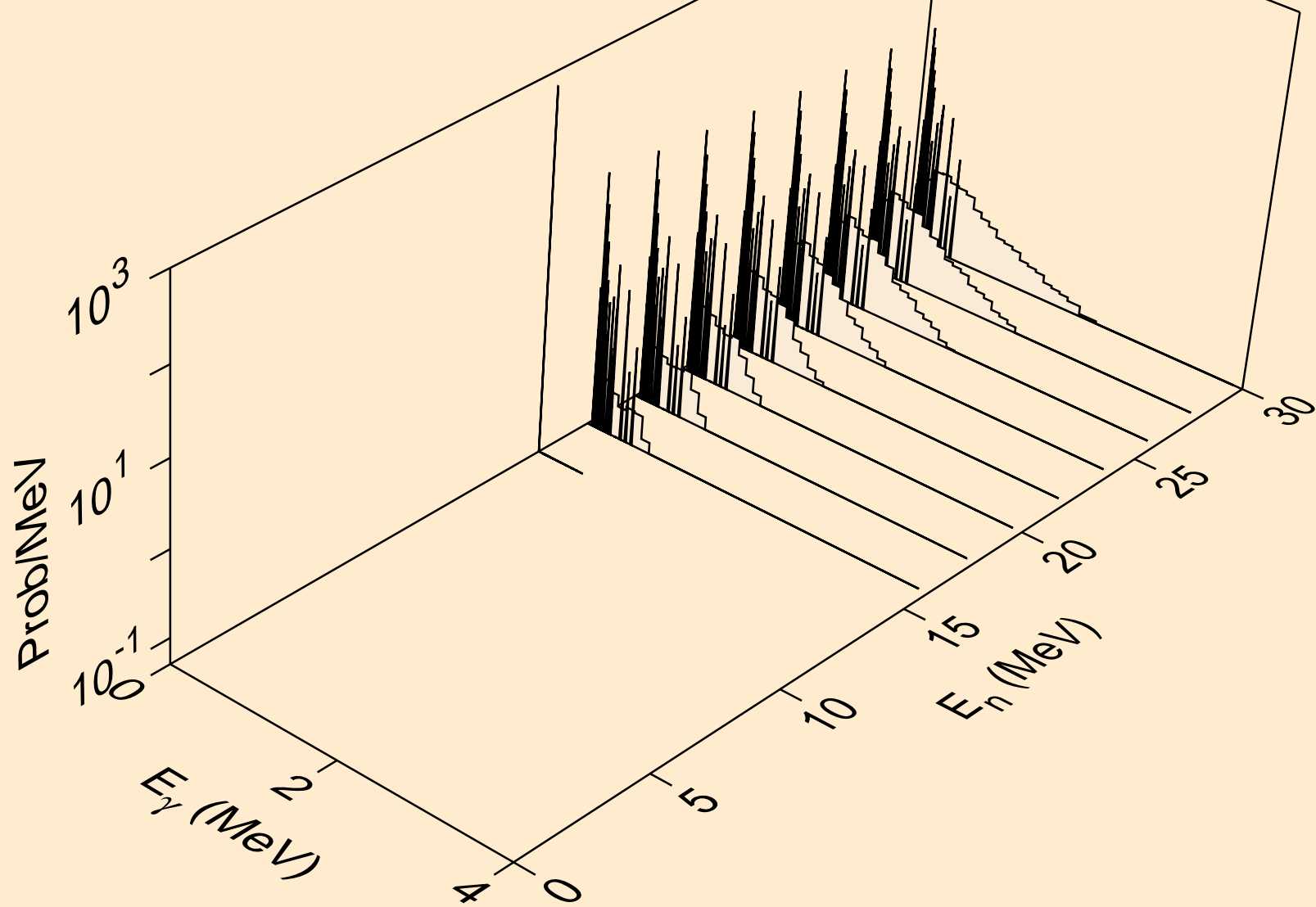
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)

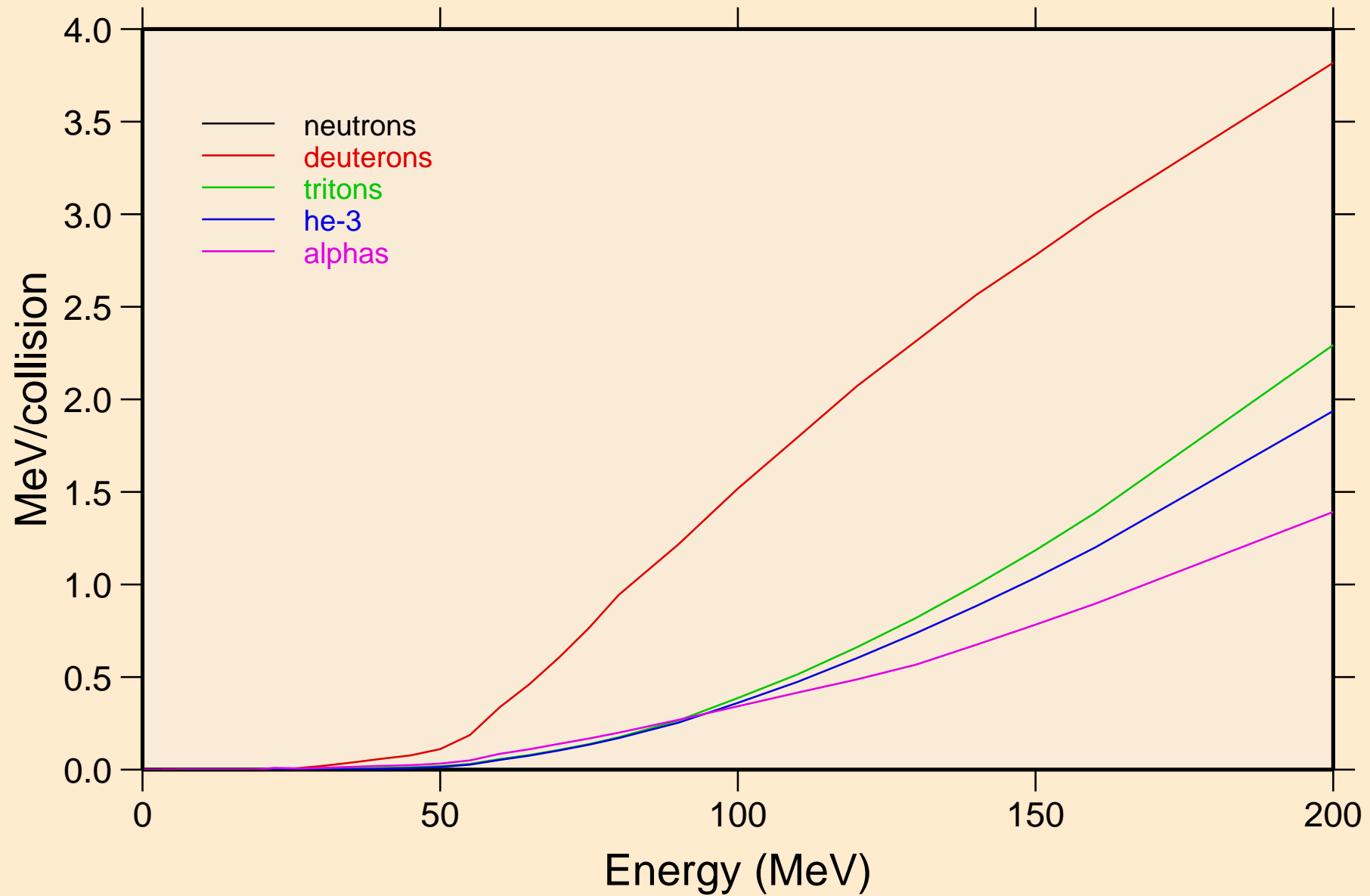


HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)

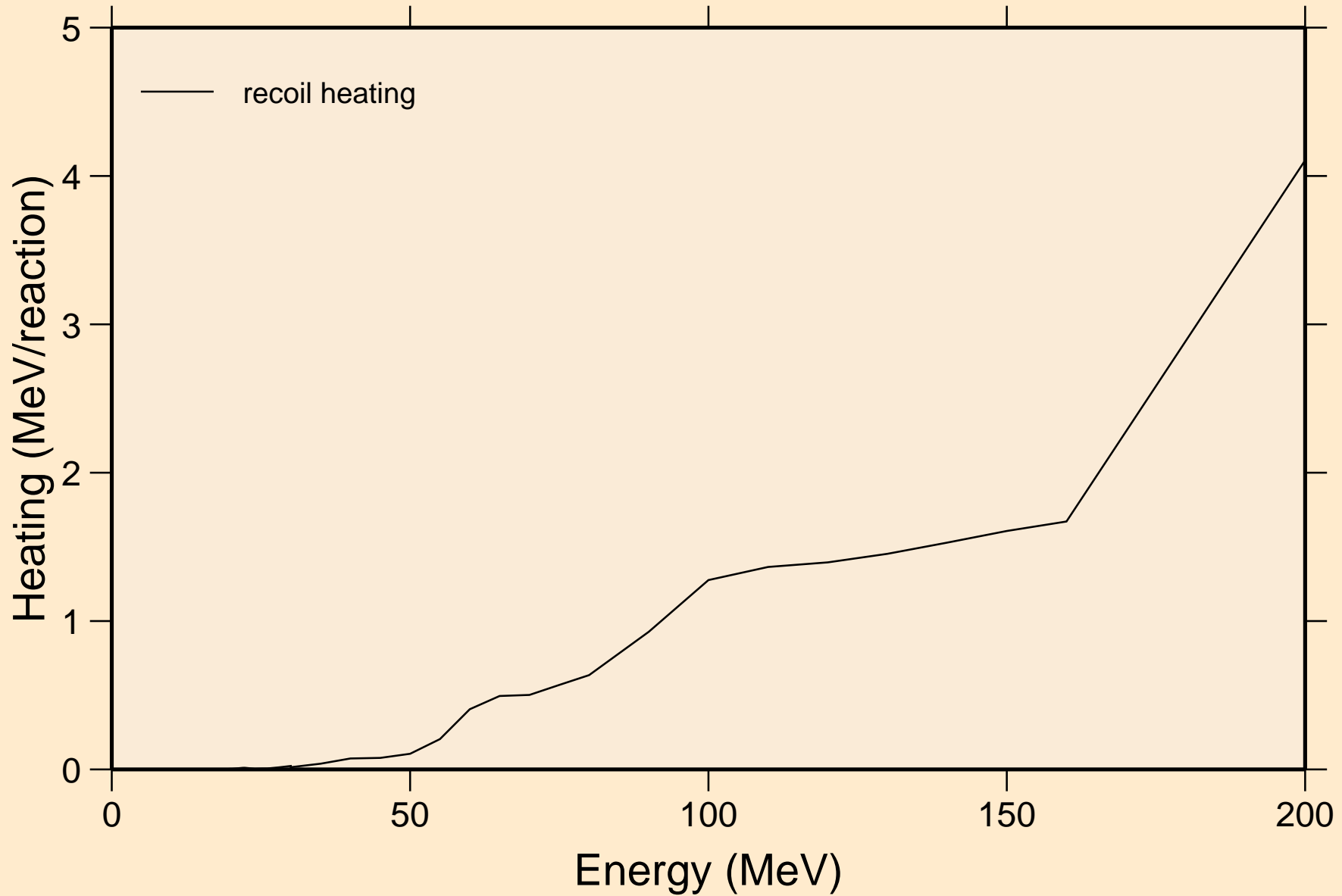


HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

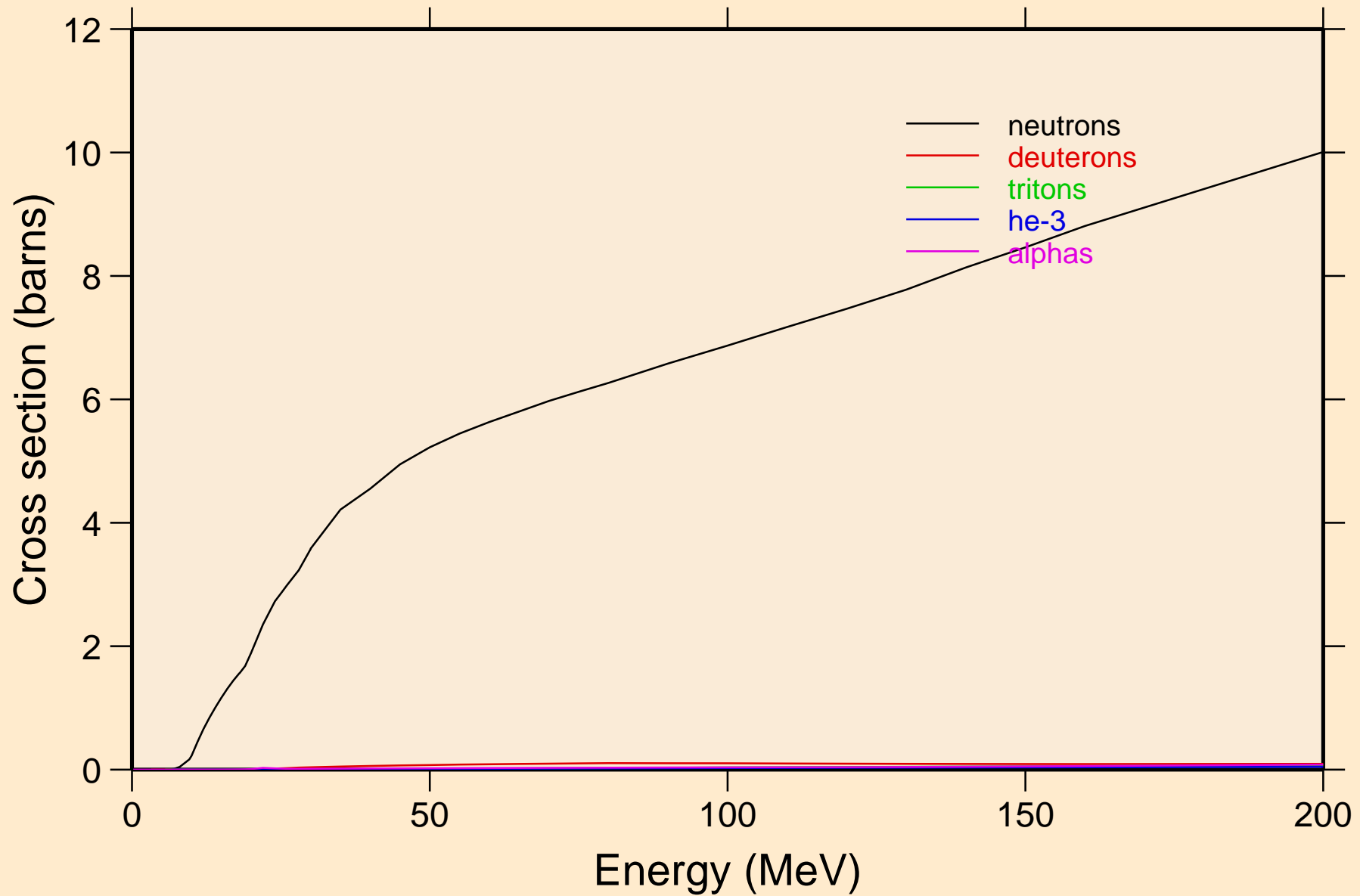
Particle heating contributions



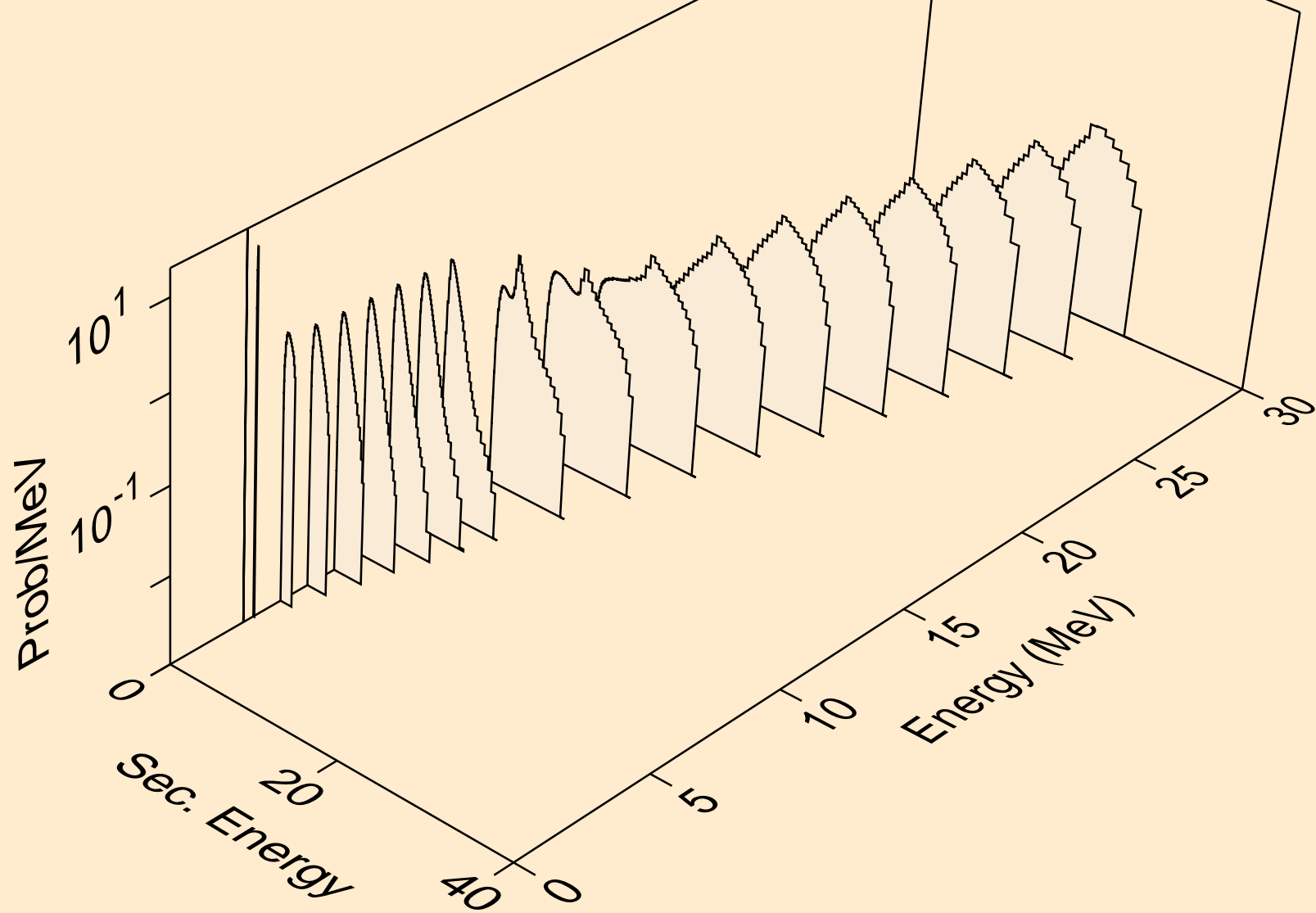
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating



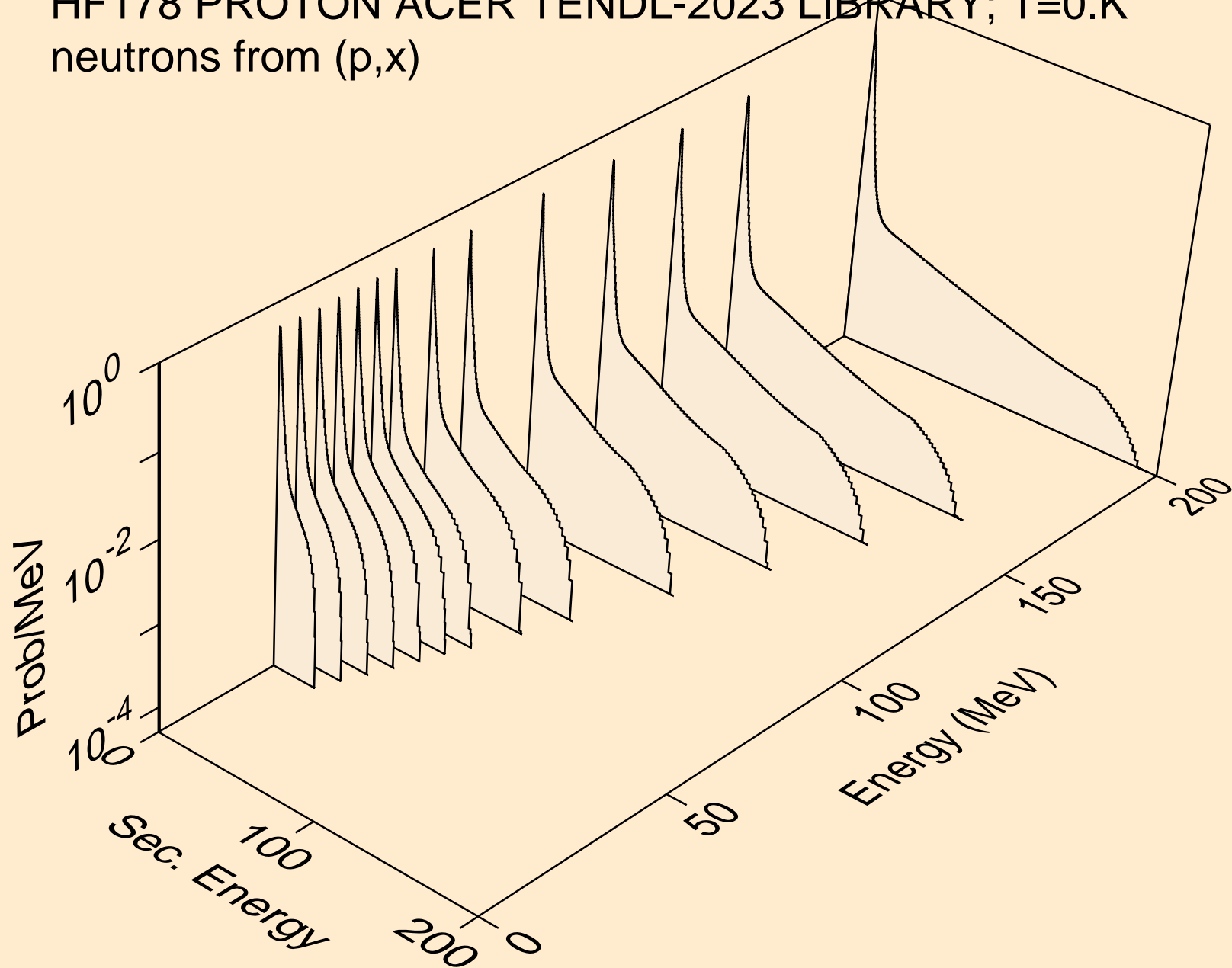
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



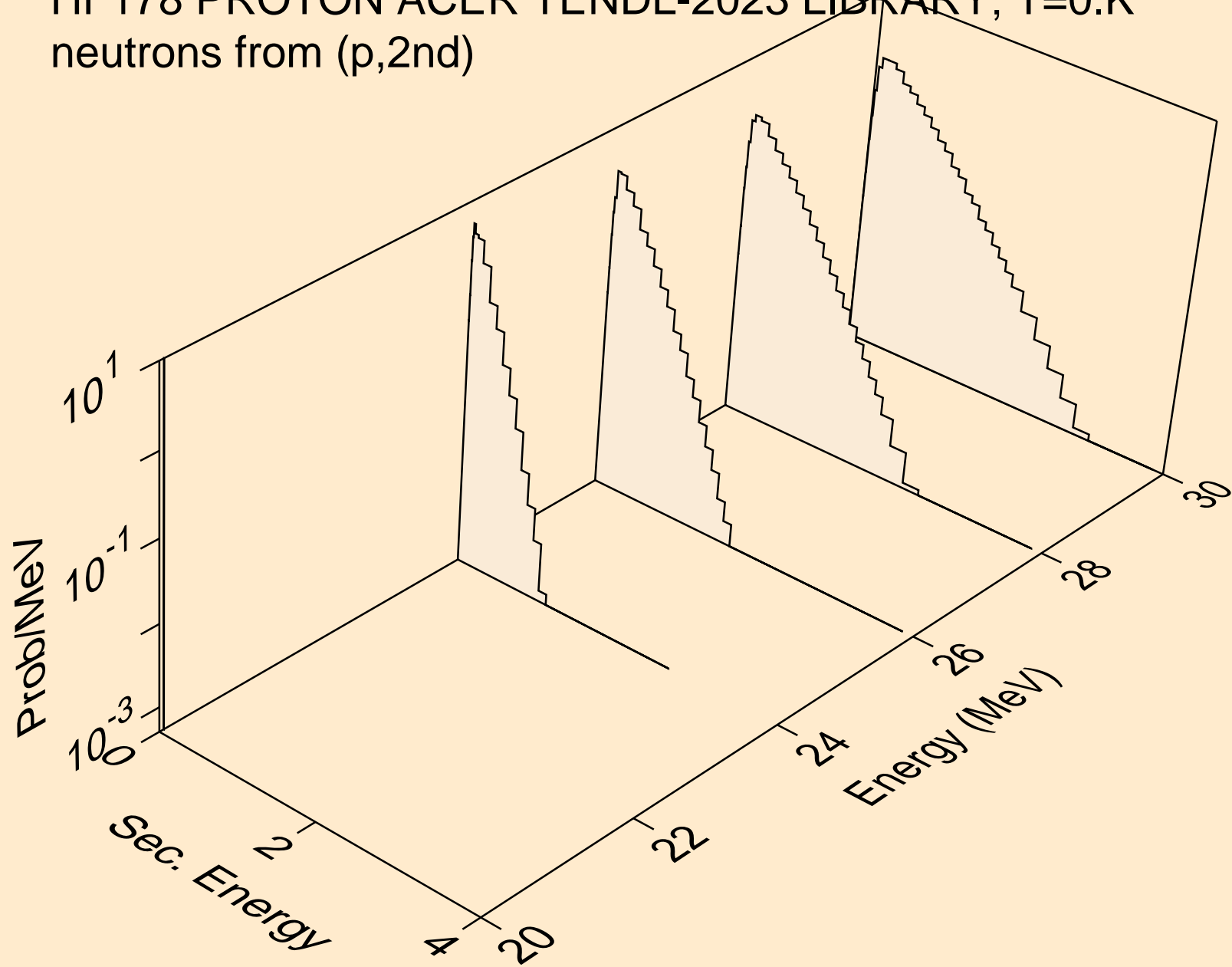
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



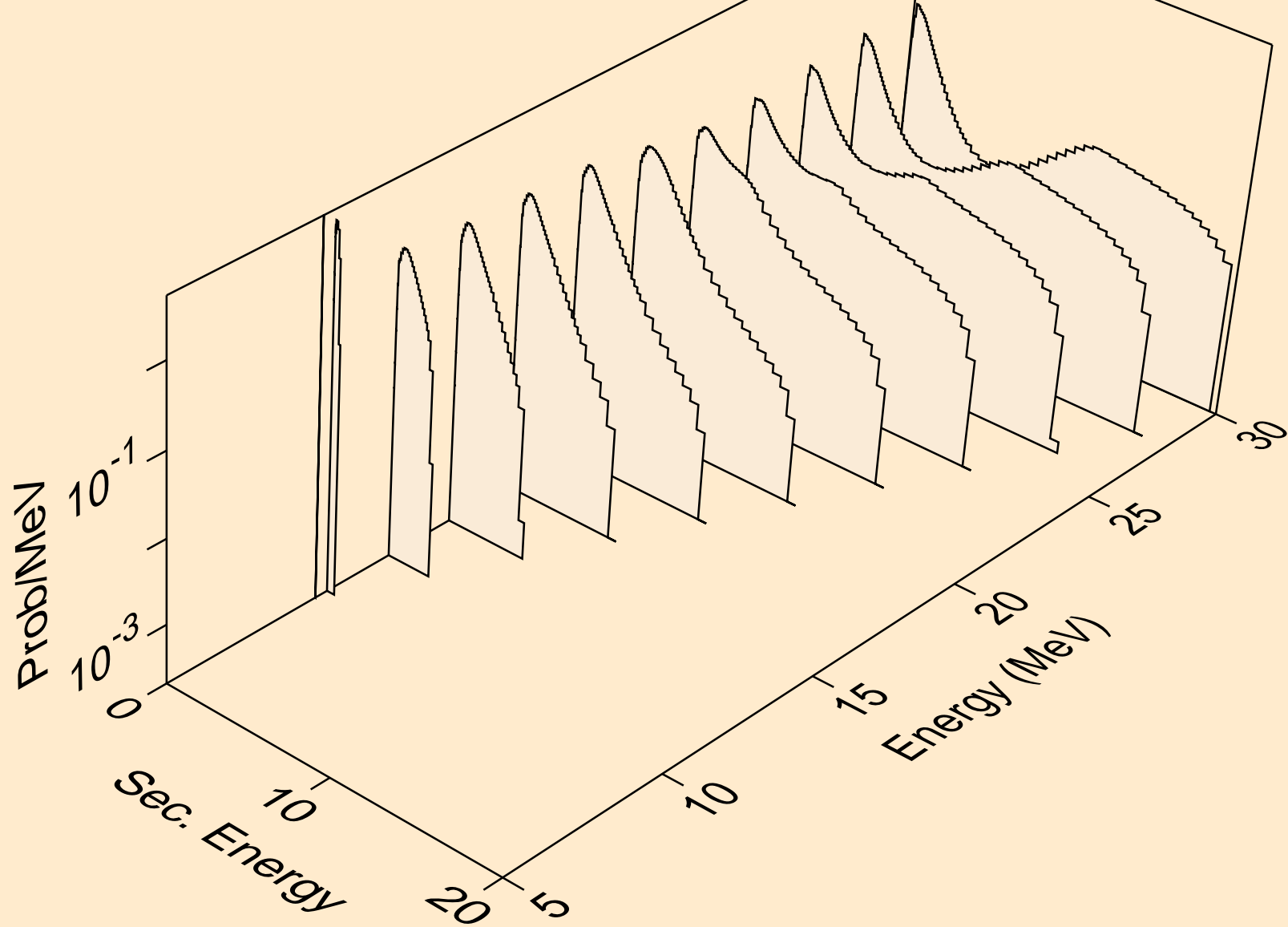
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



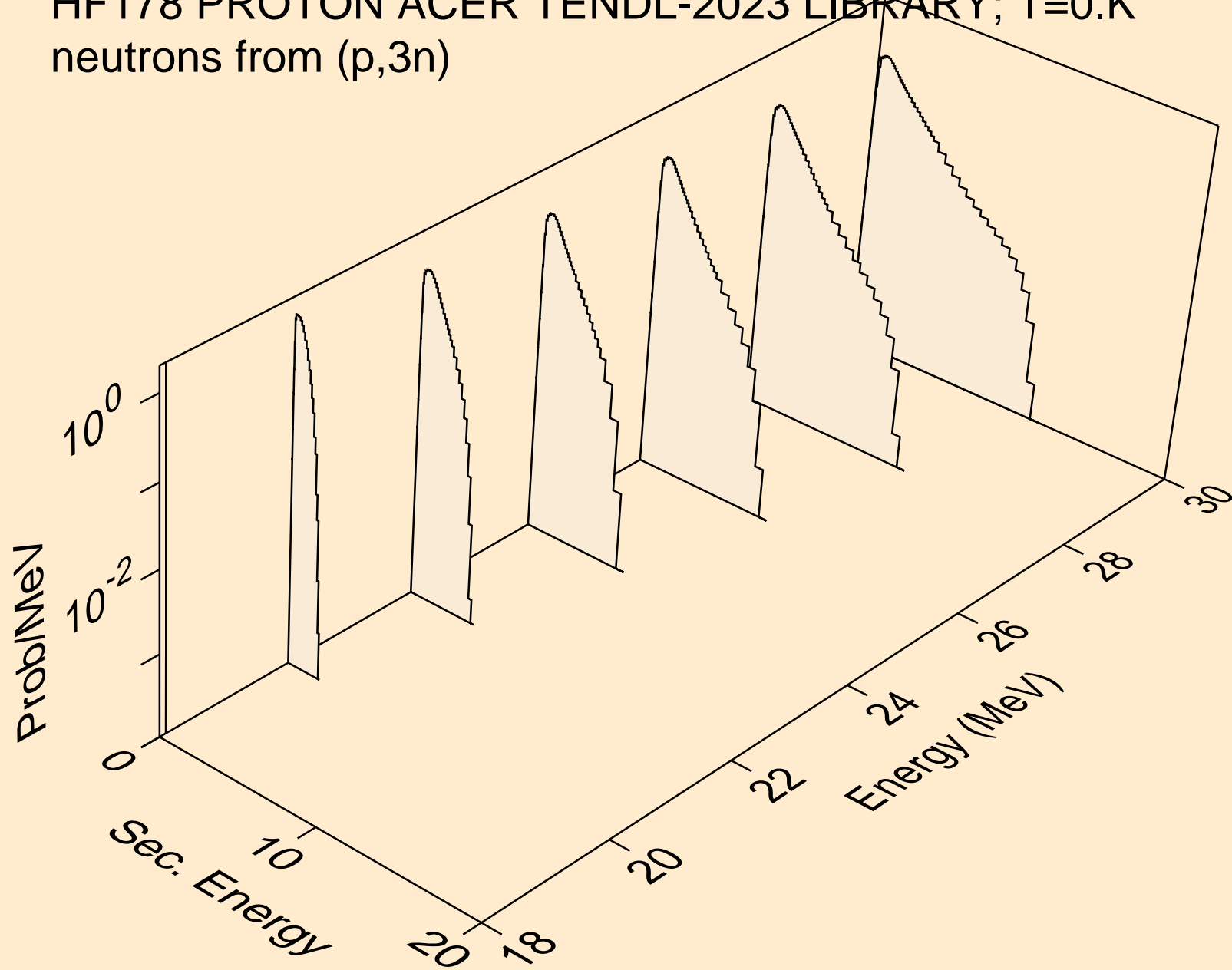
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2nd)



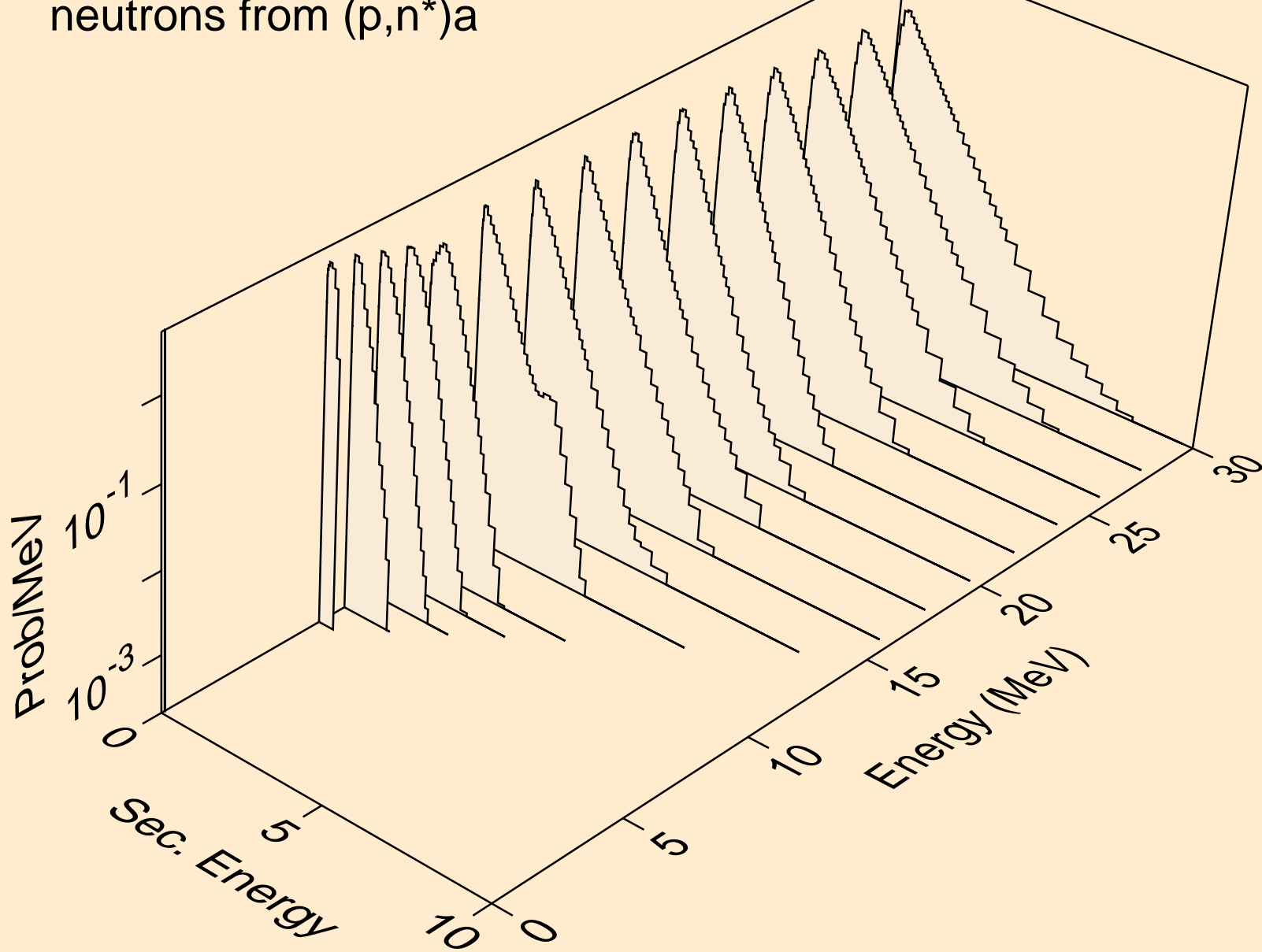
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



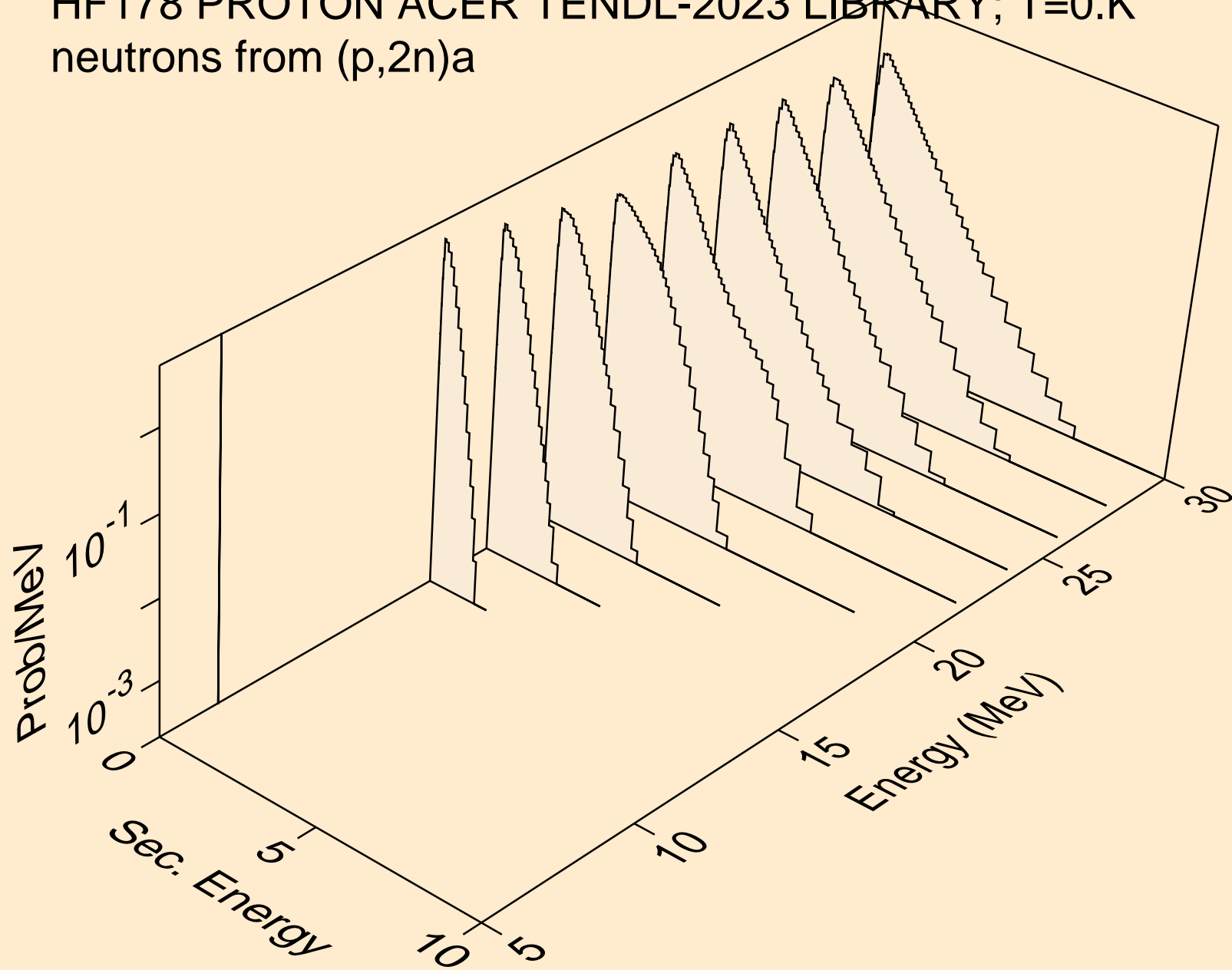
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



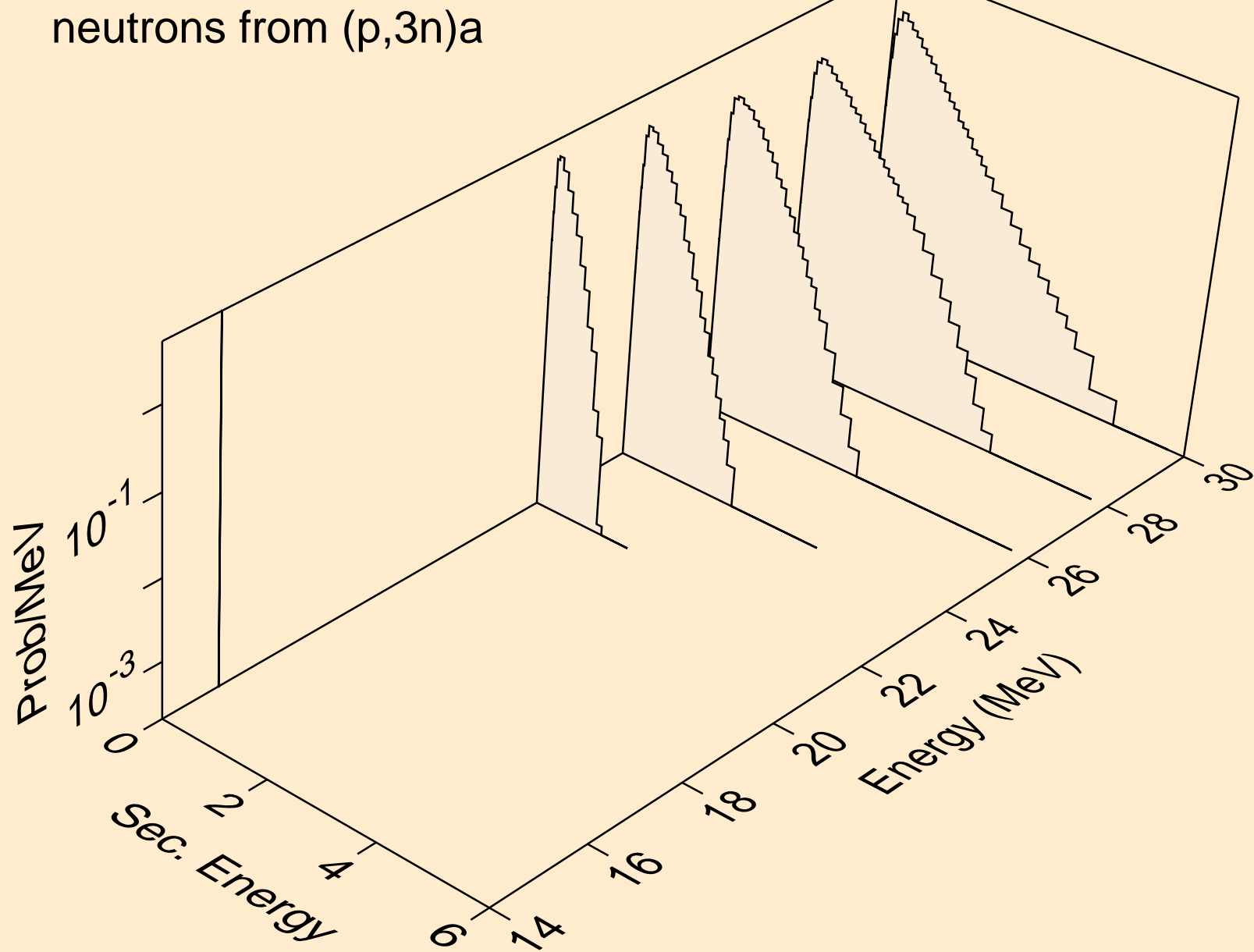
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)a



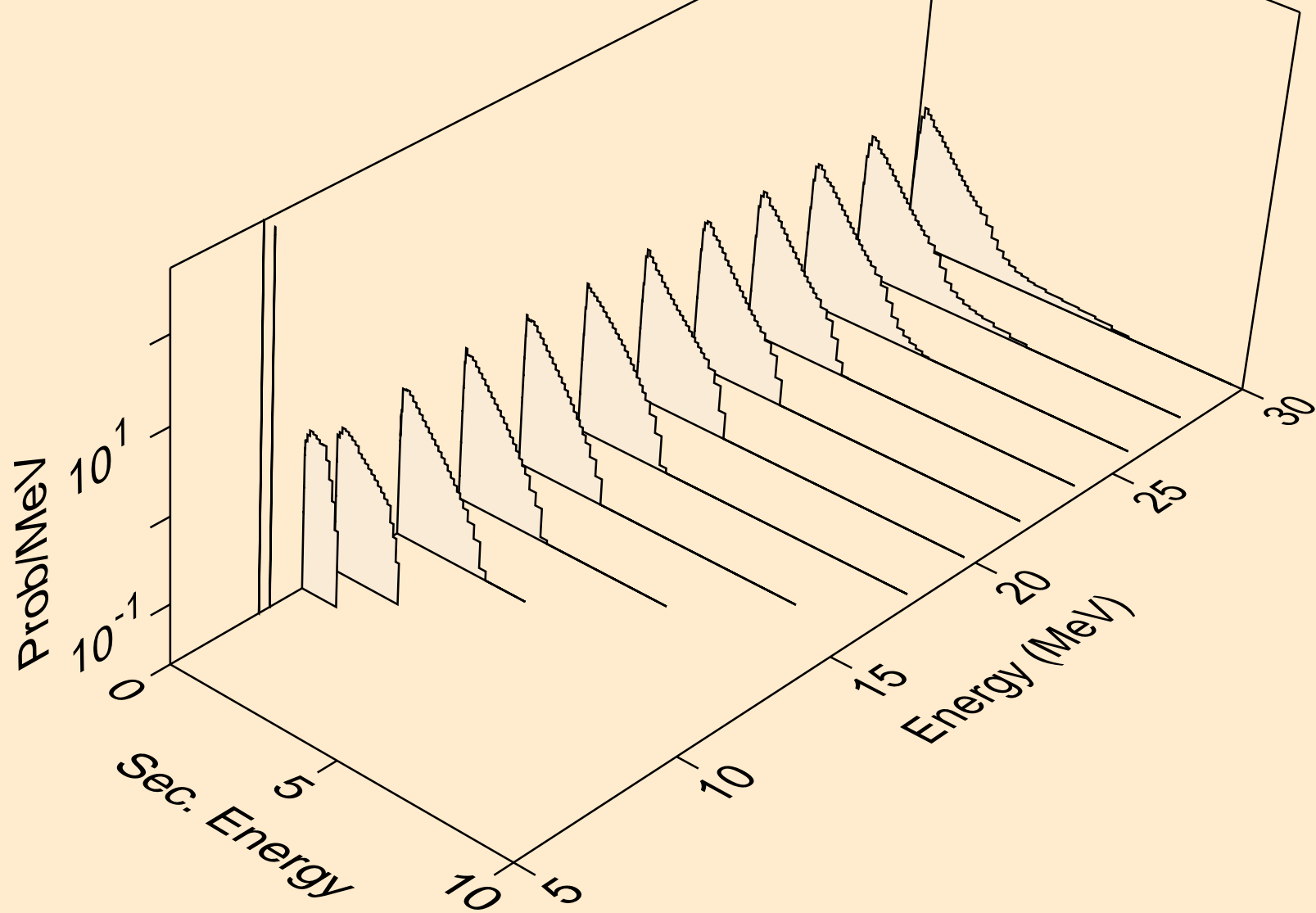
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



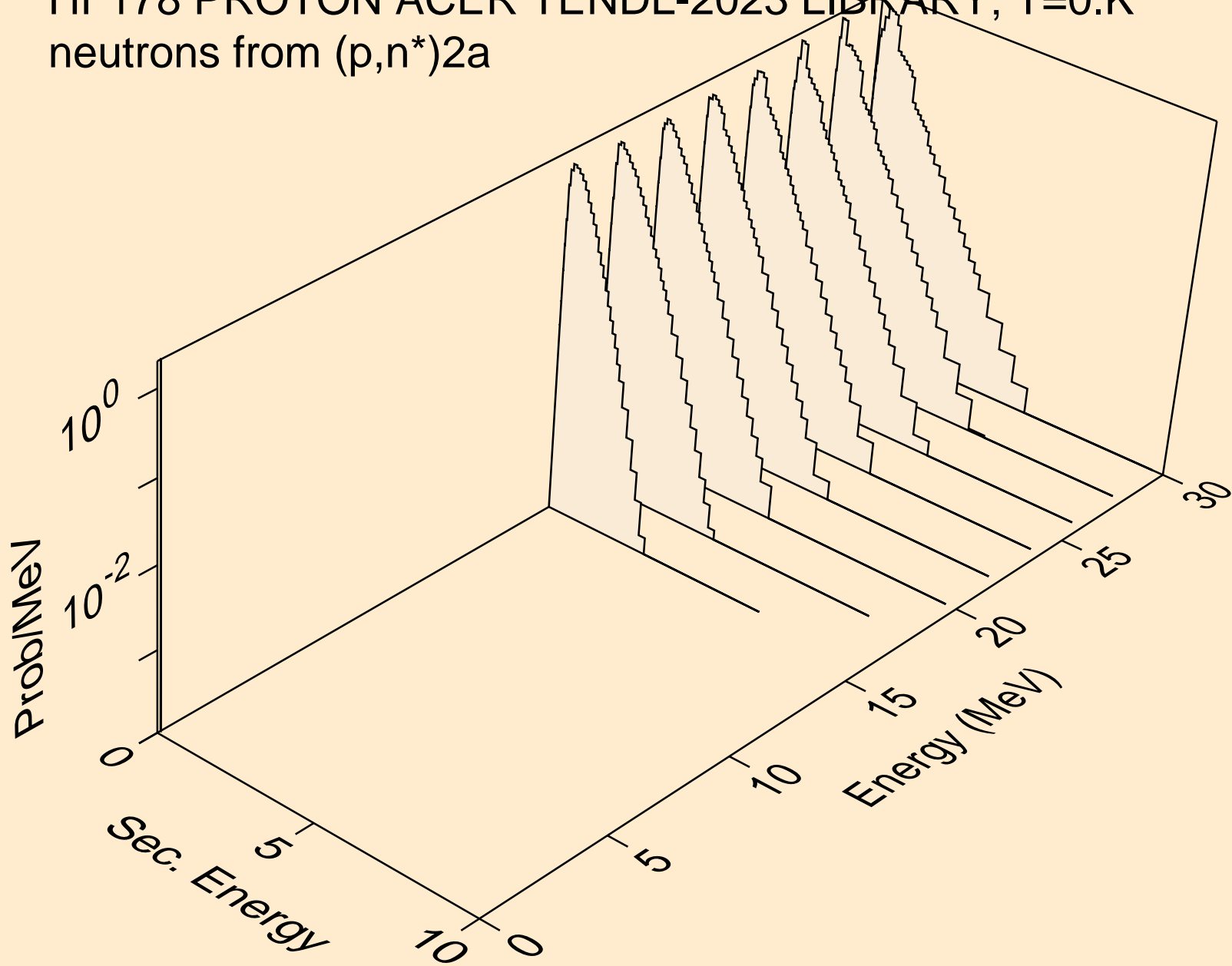
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)a



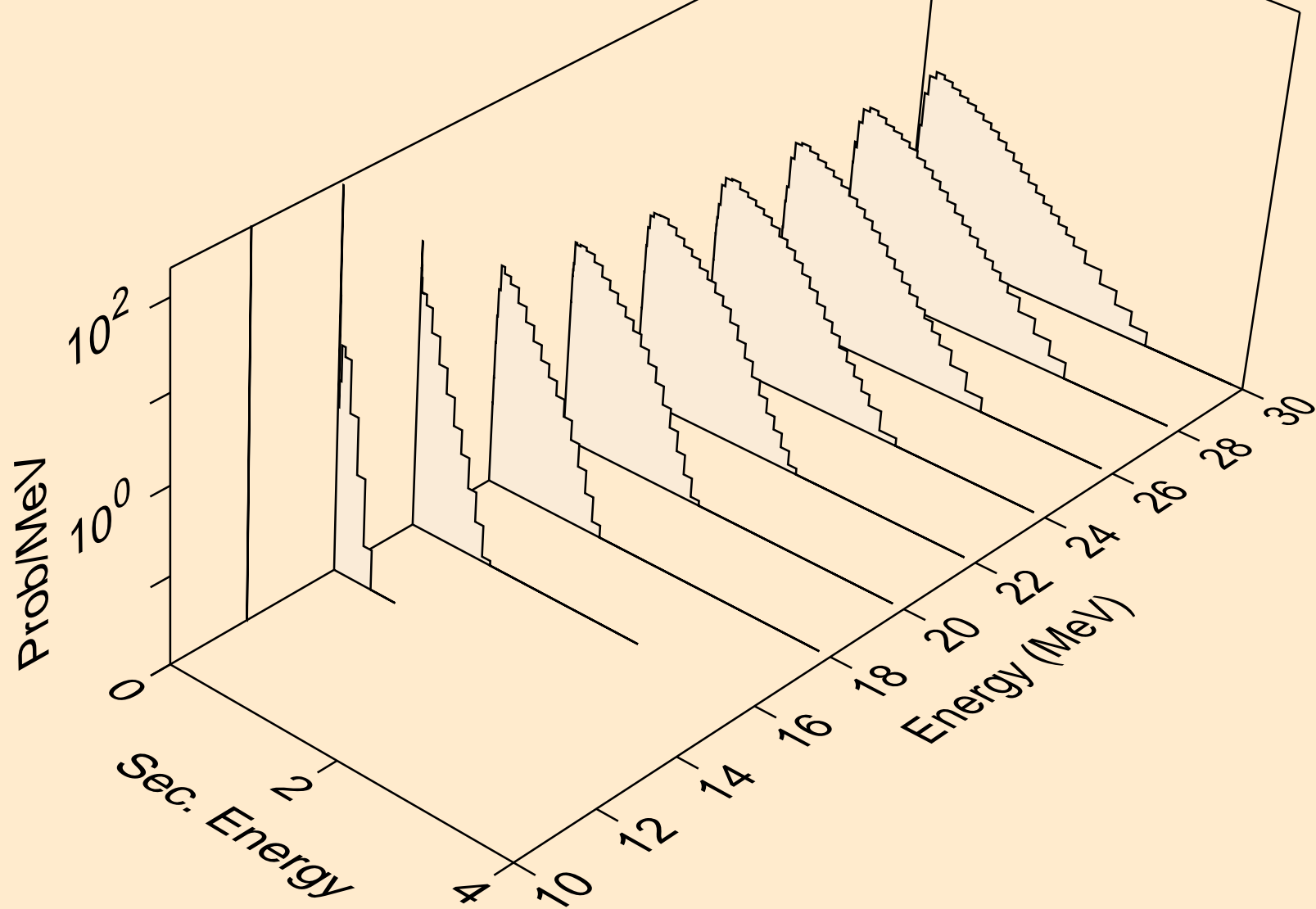
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)p



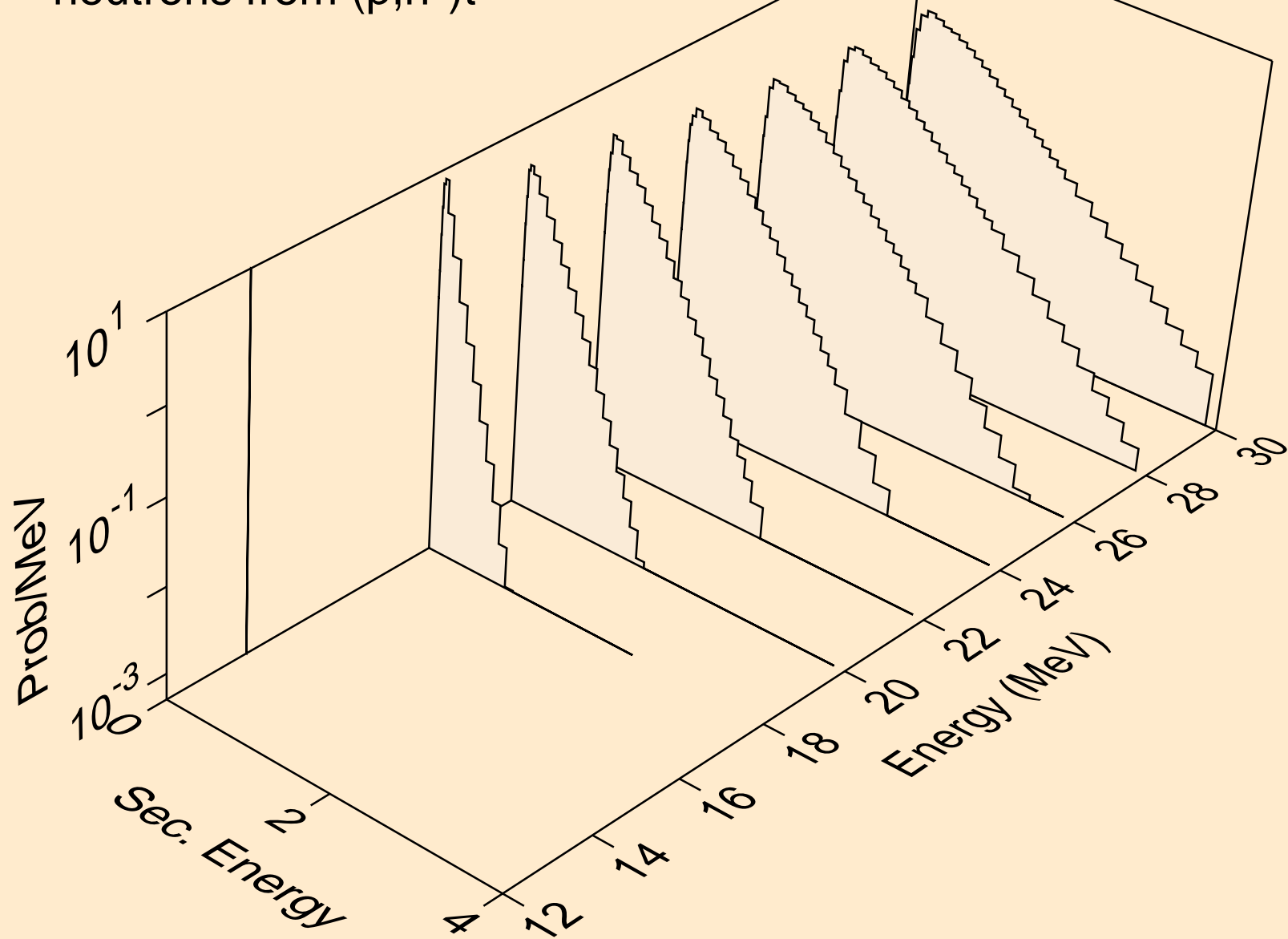
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)2a



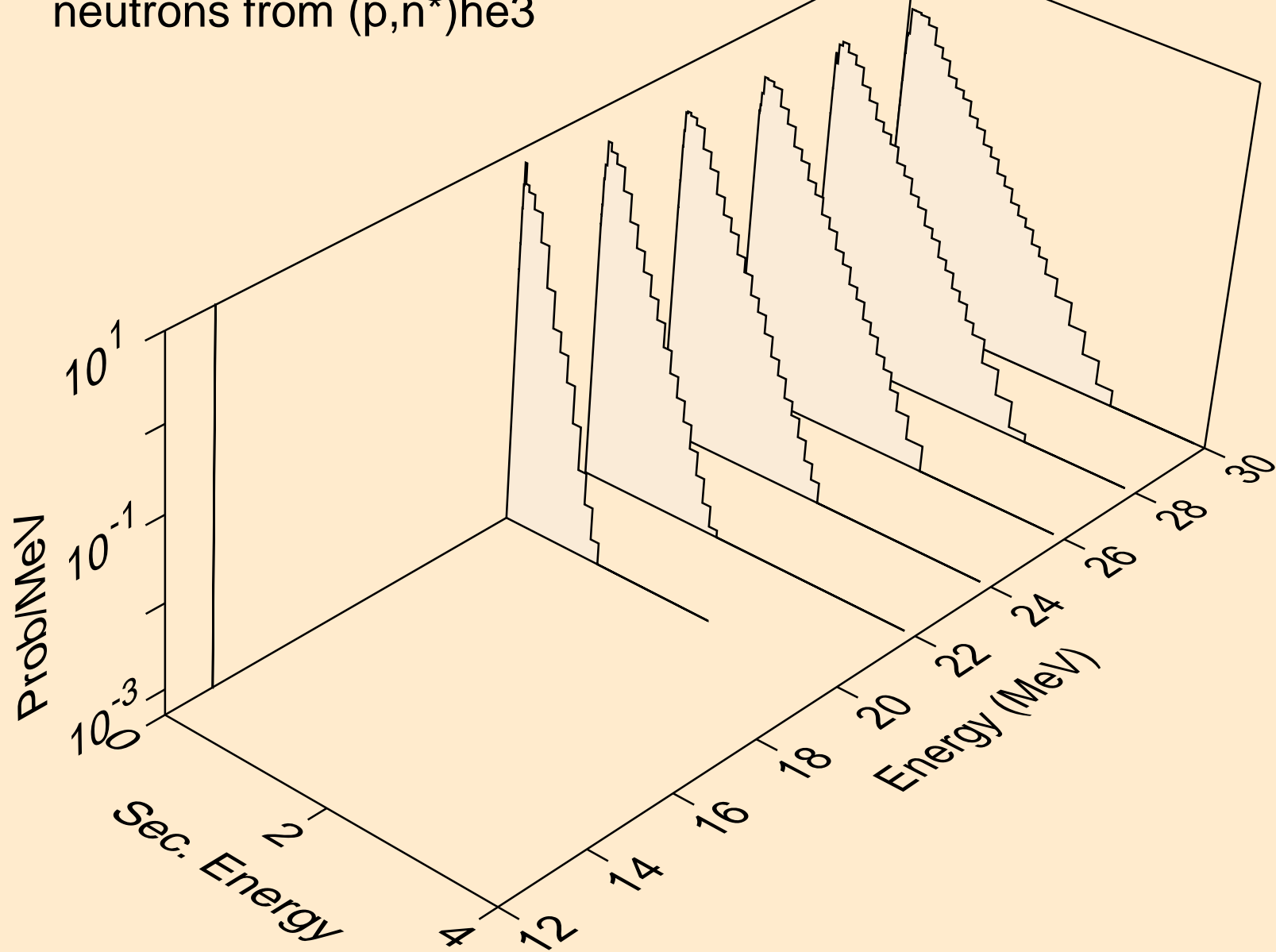
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)d



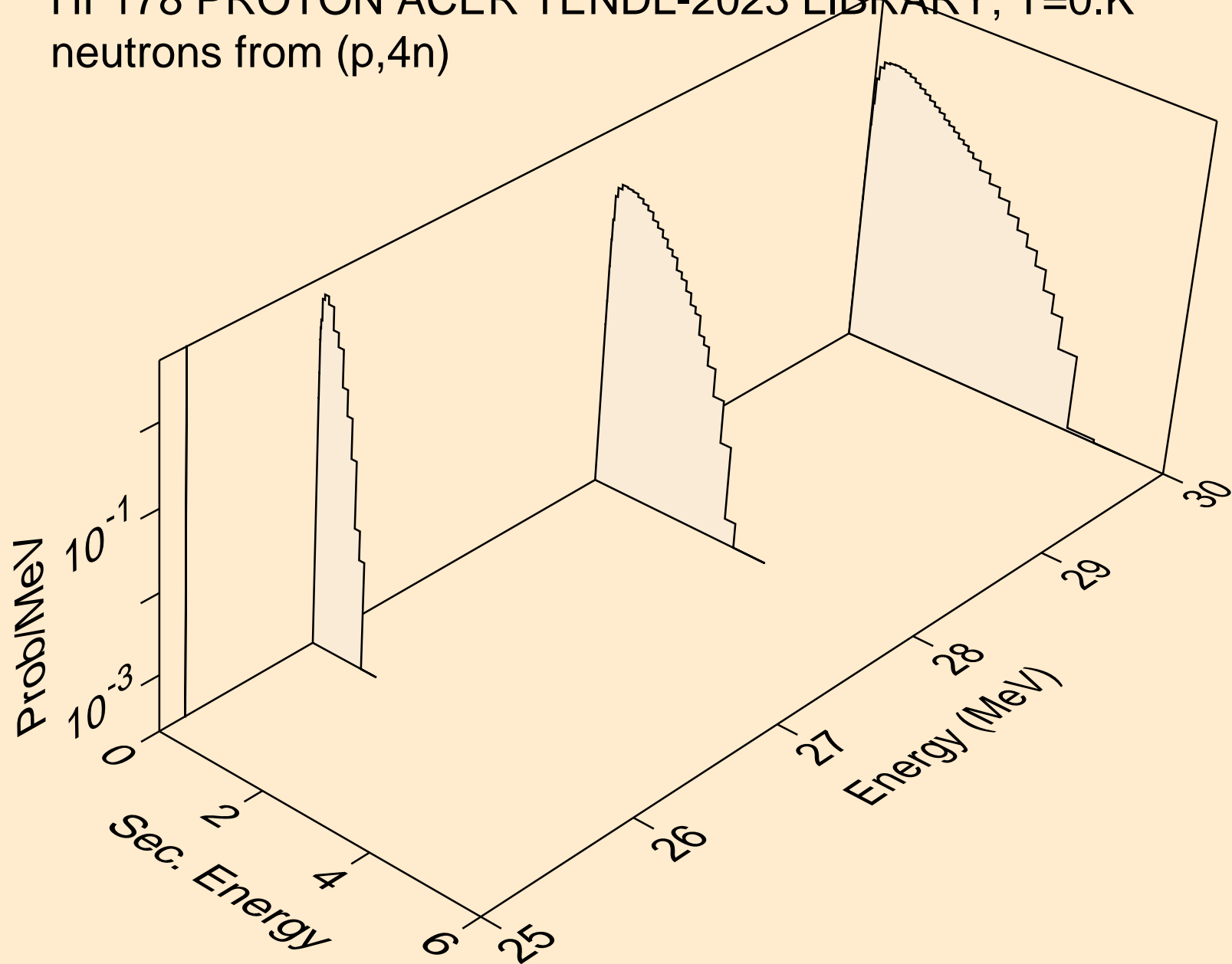
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t



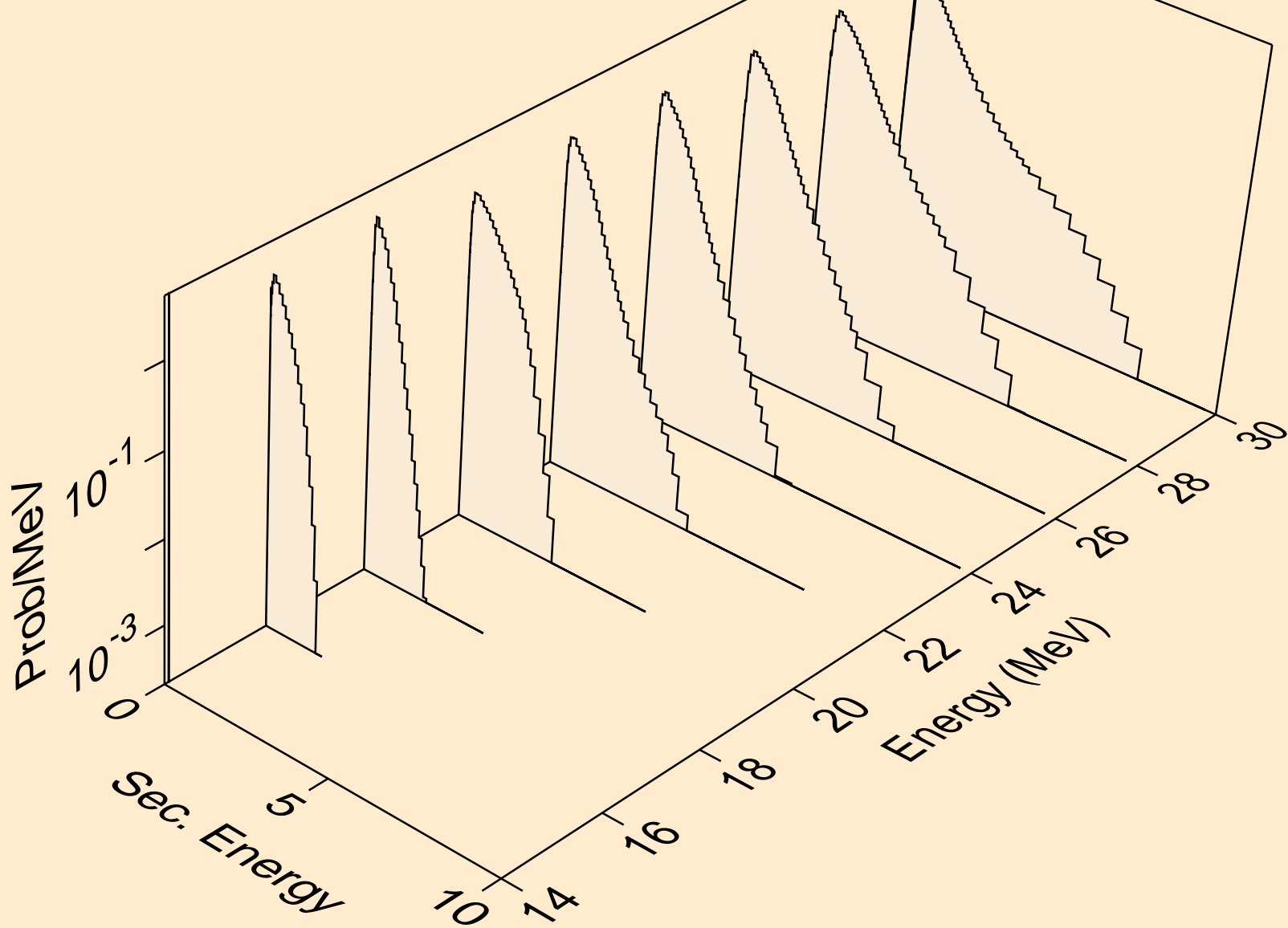
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



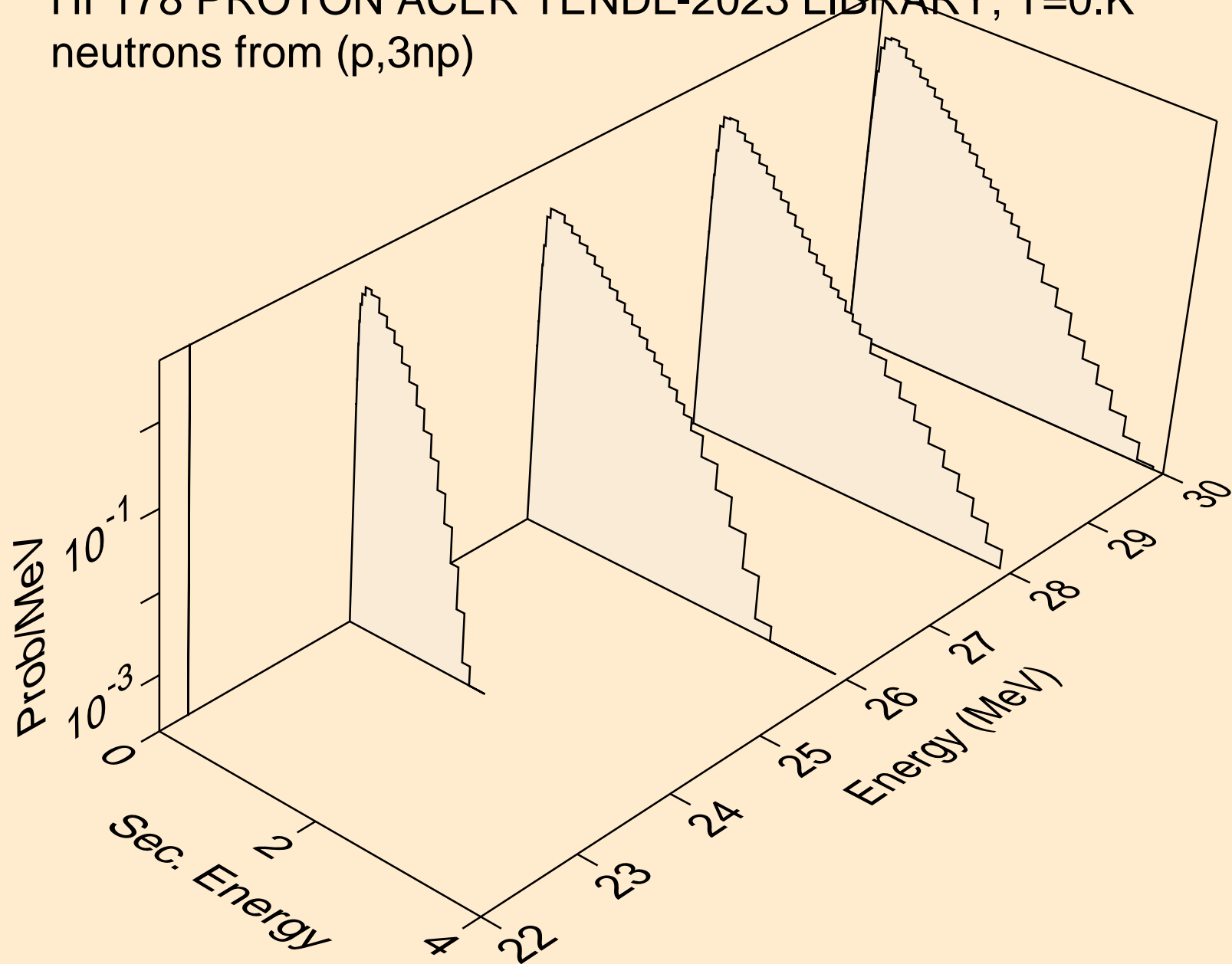
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,4n)



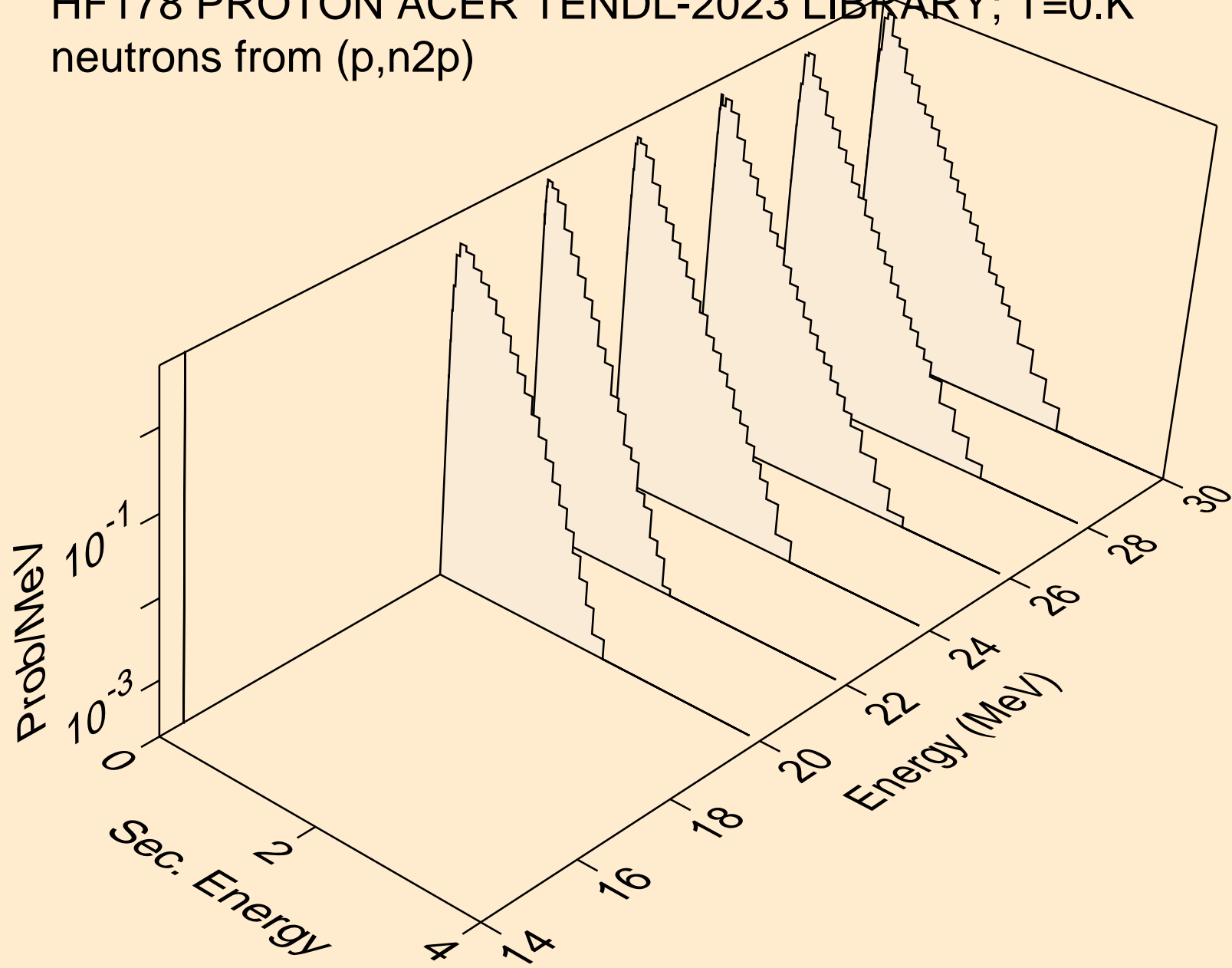
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2np)



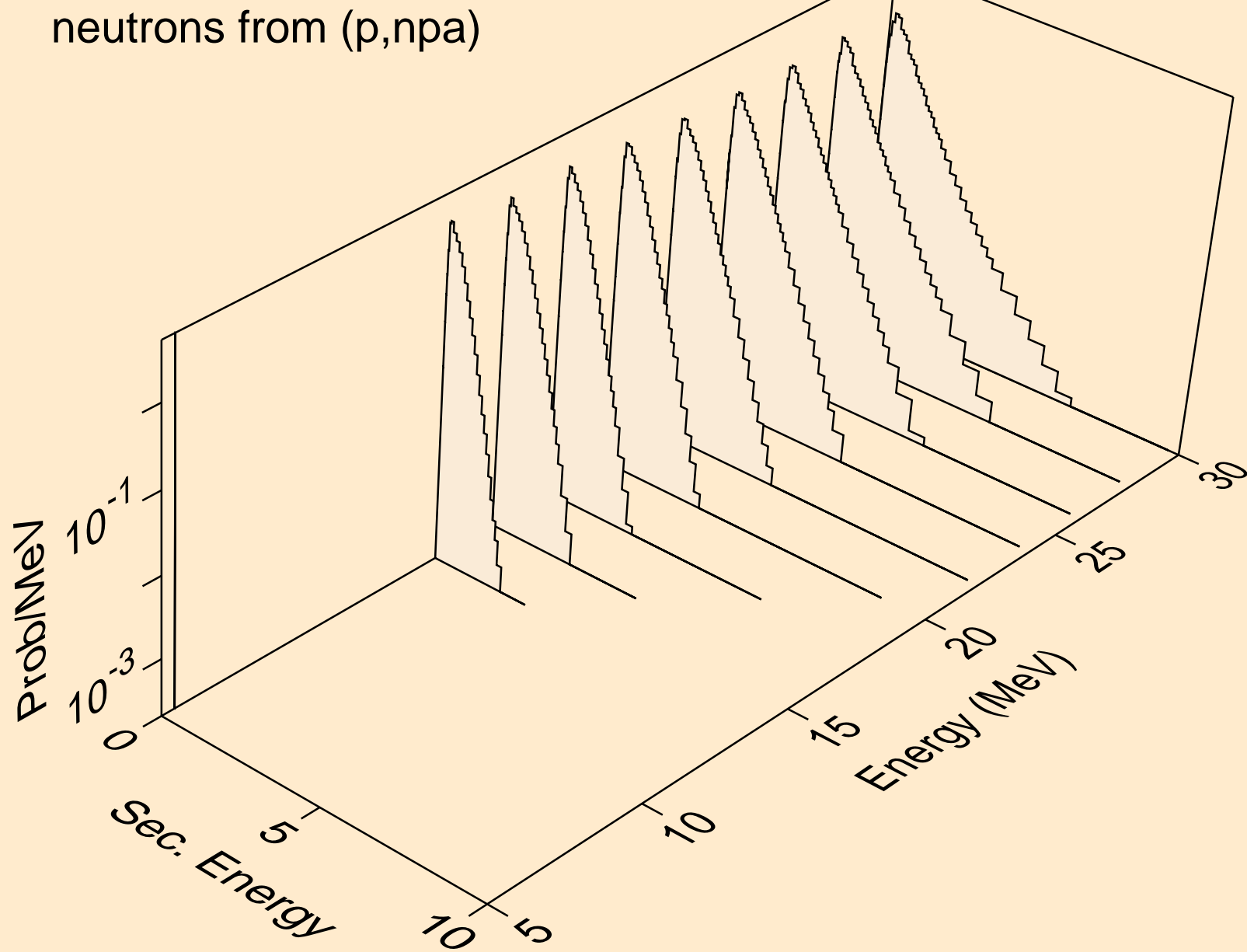
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3np)



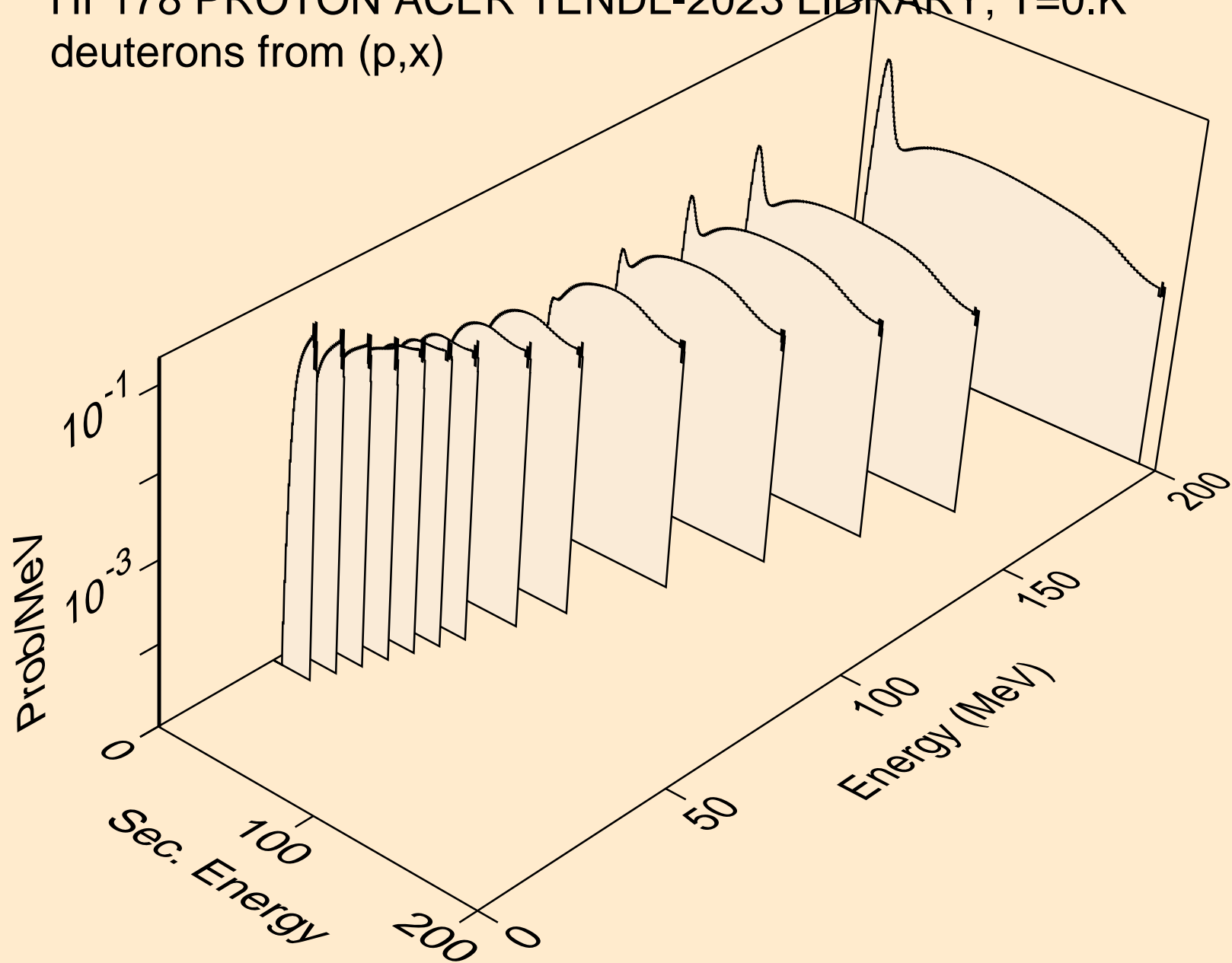
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n2p)



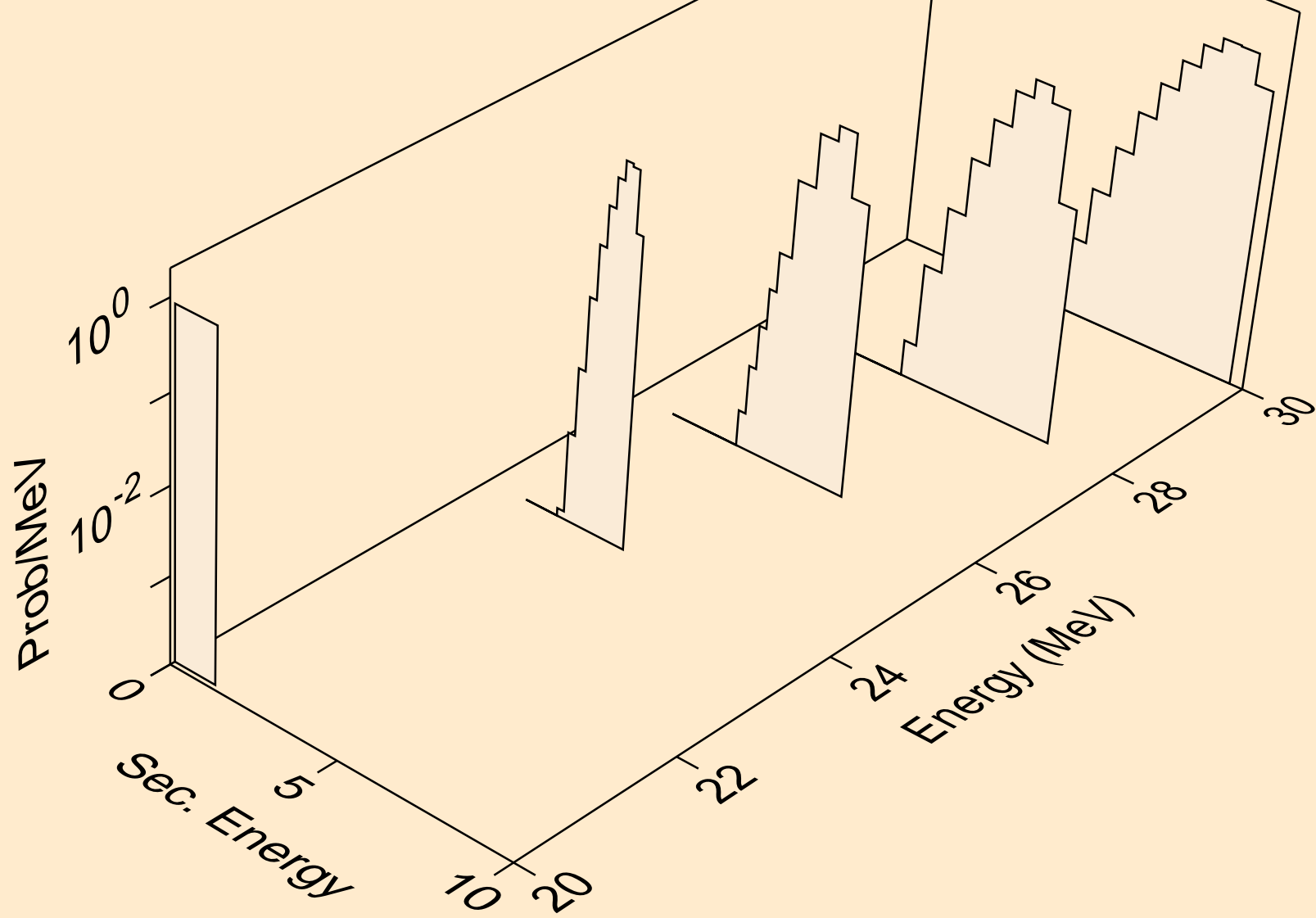
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,npa)



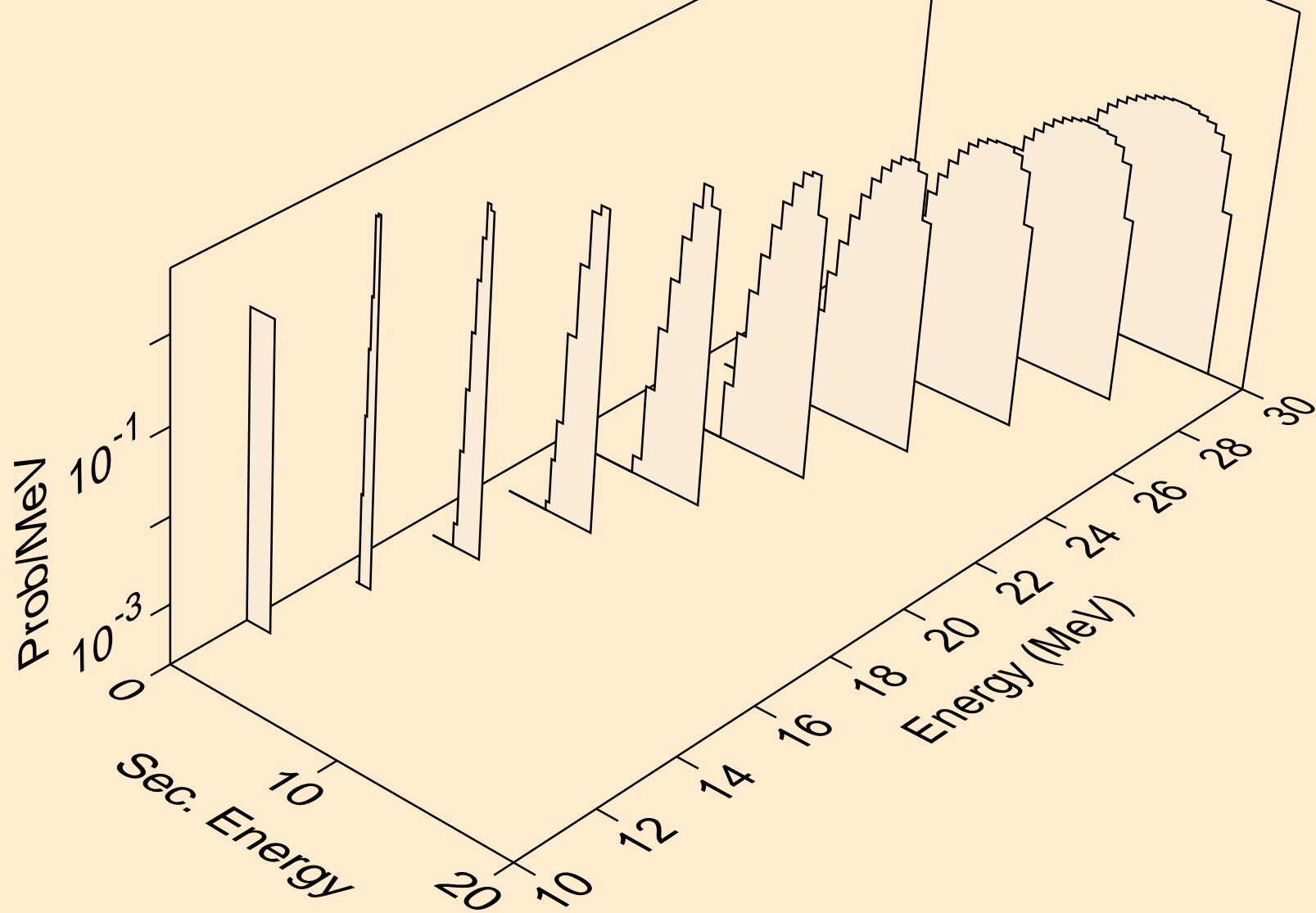
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



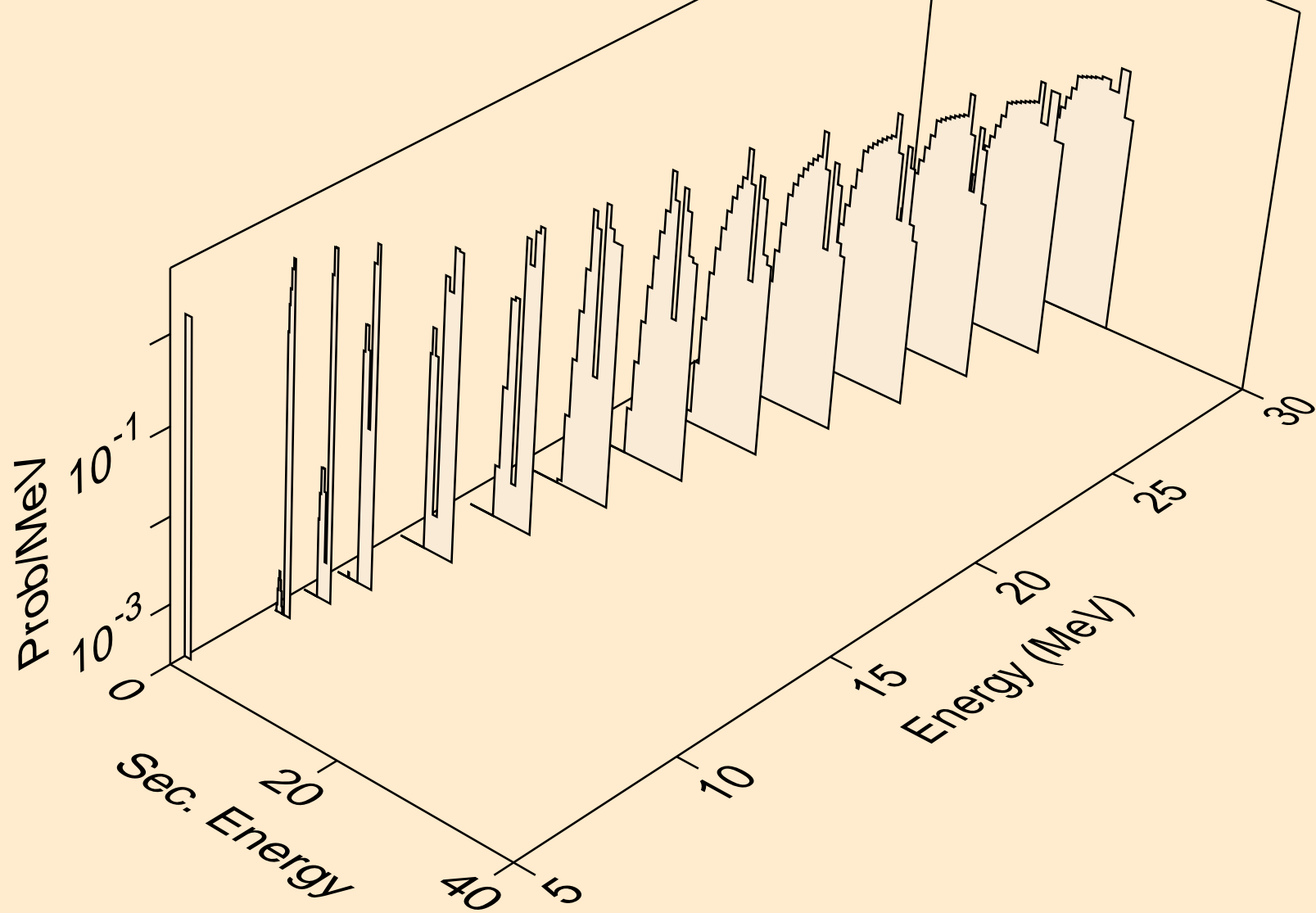
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,2nd)



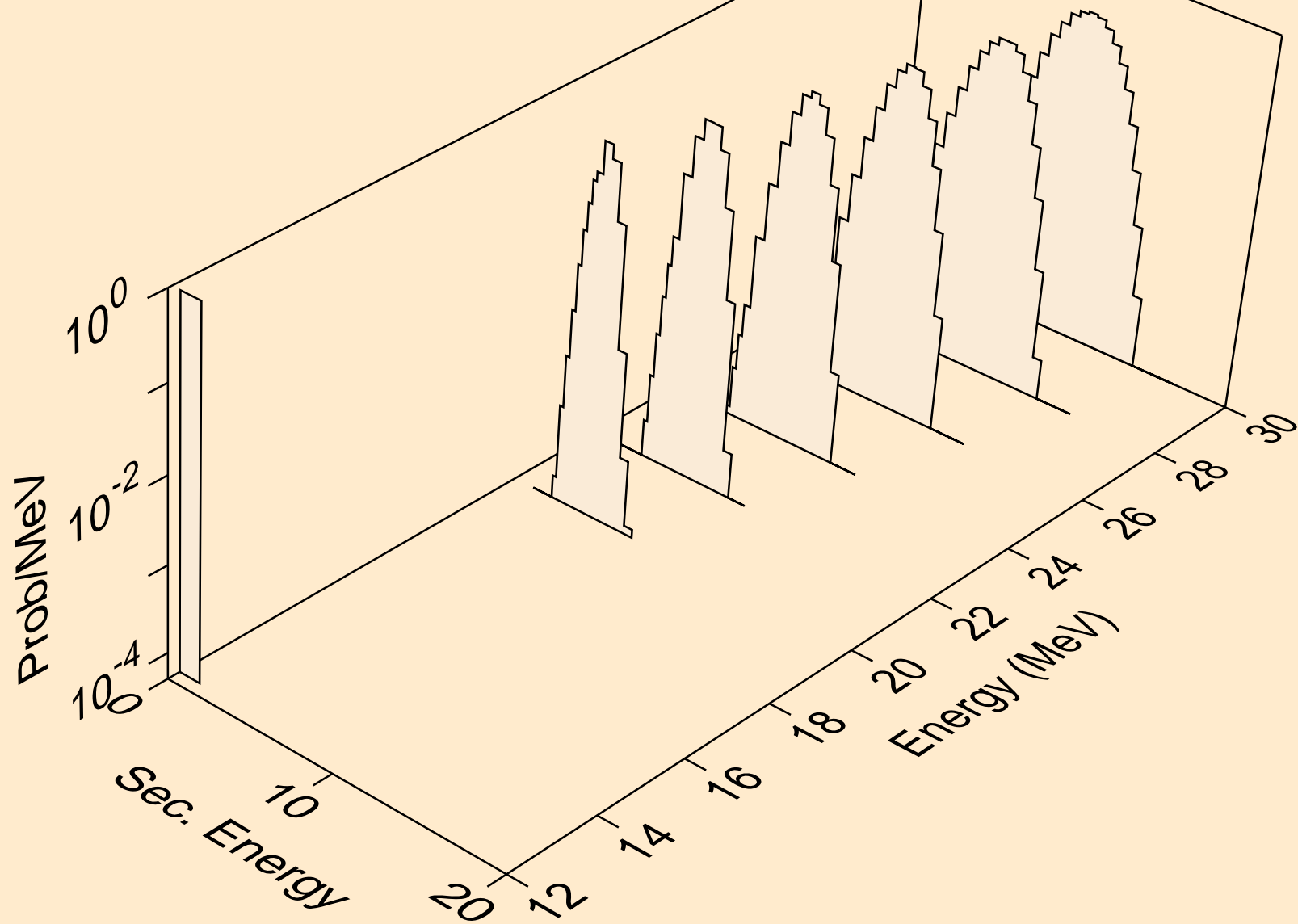
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,n*)d



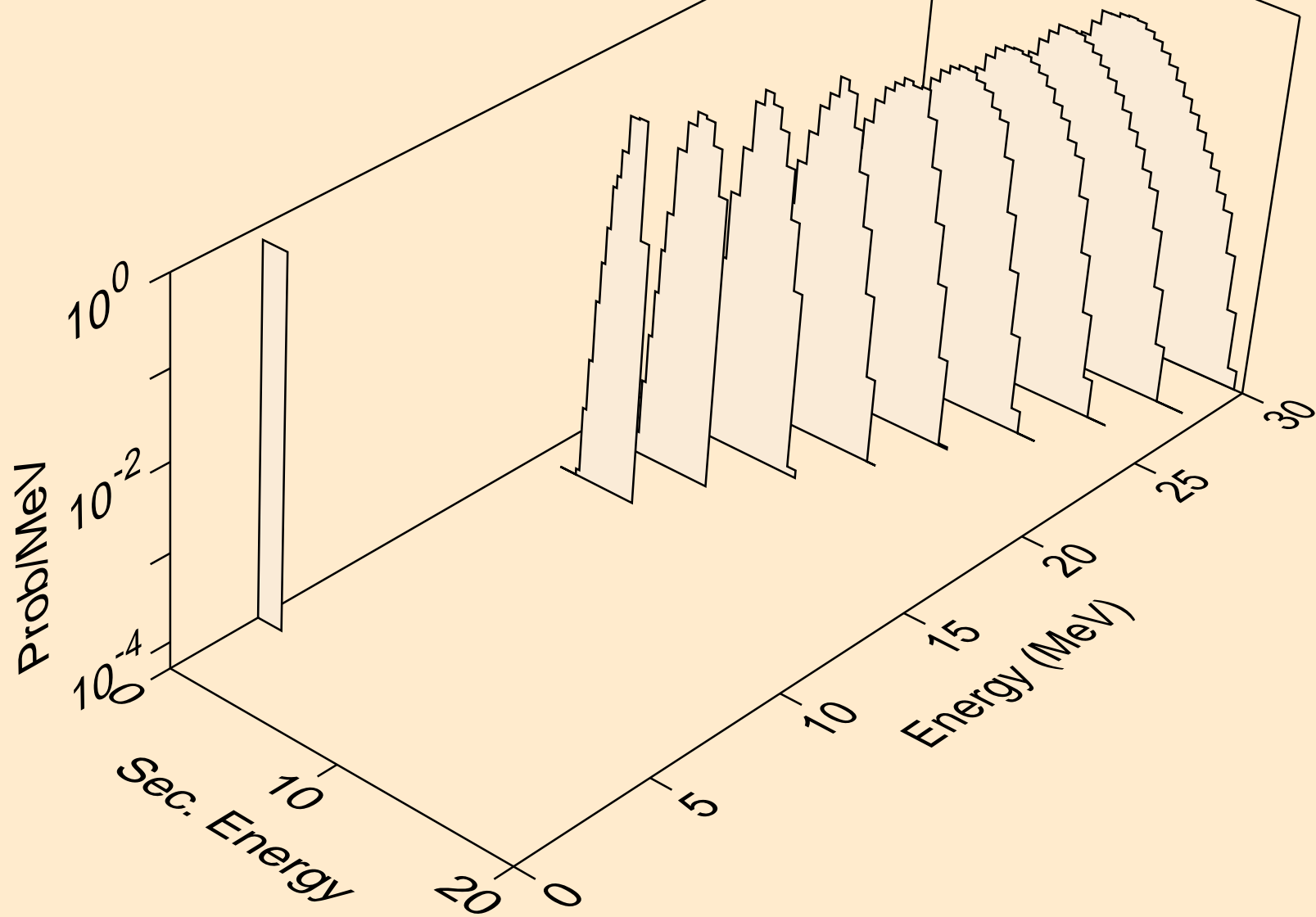
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,d)



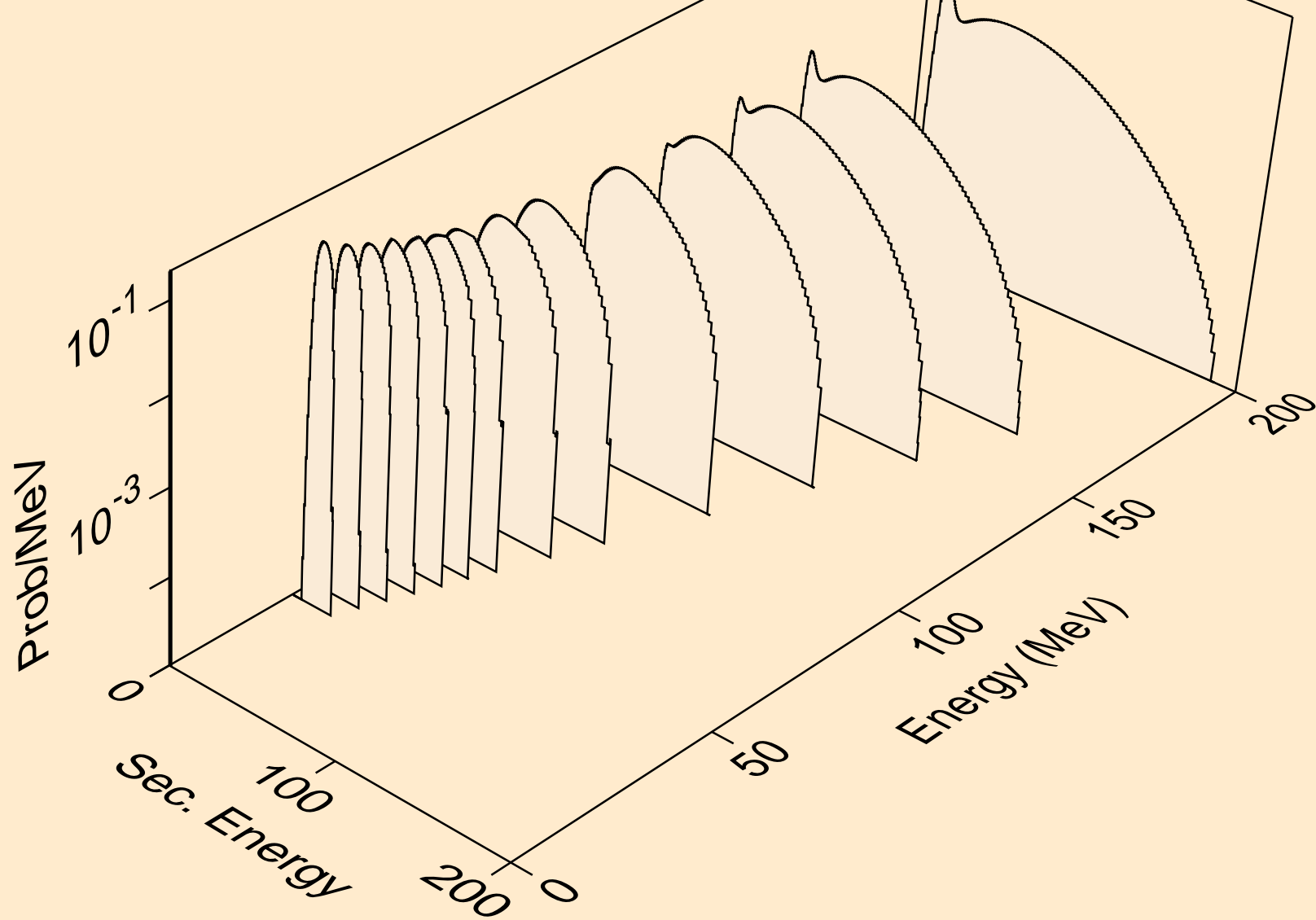
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,pd)



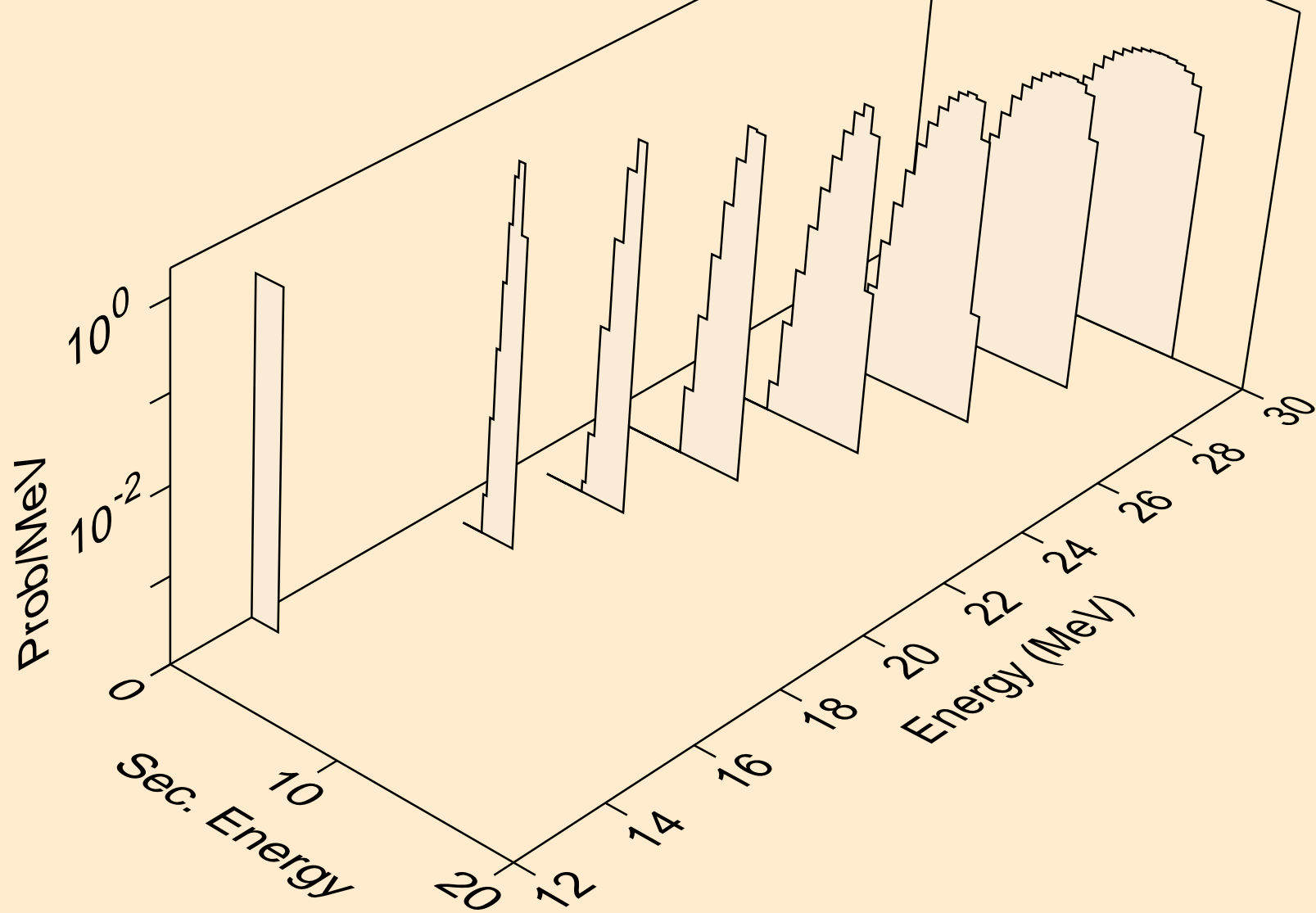
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,da)



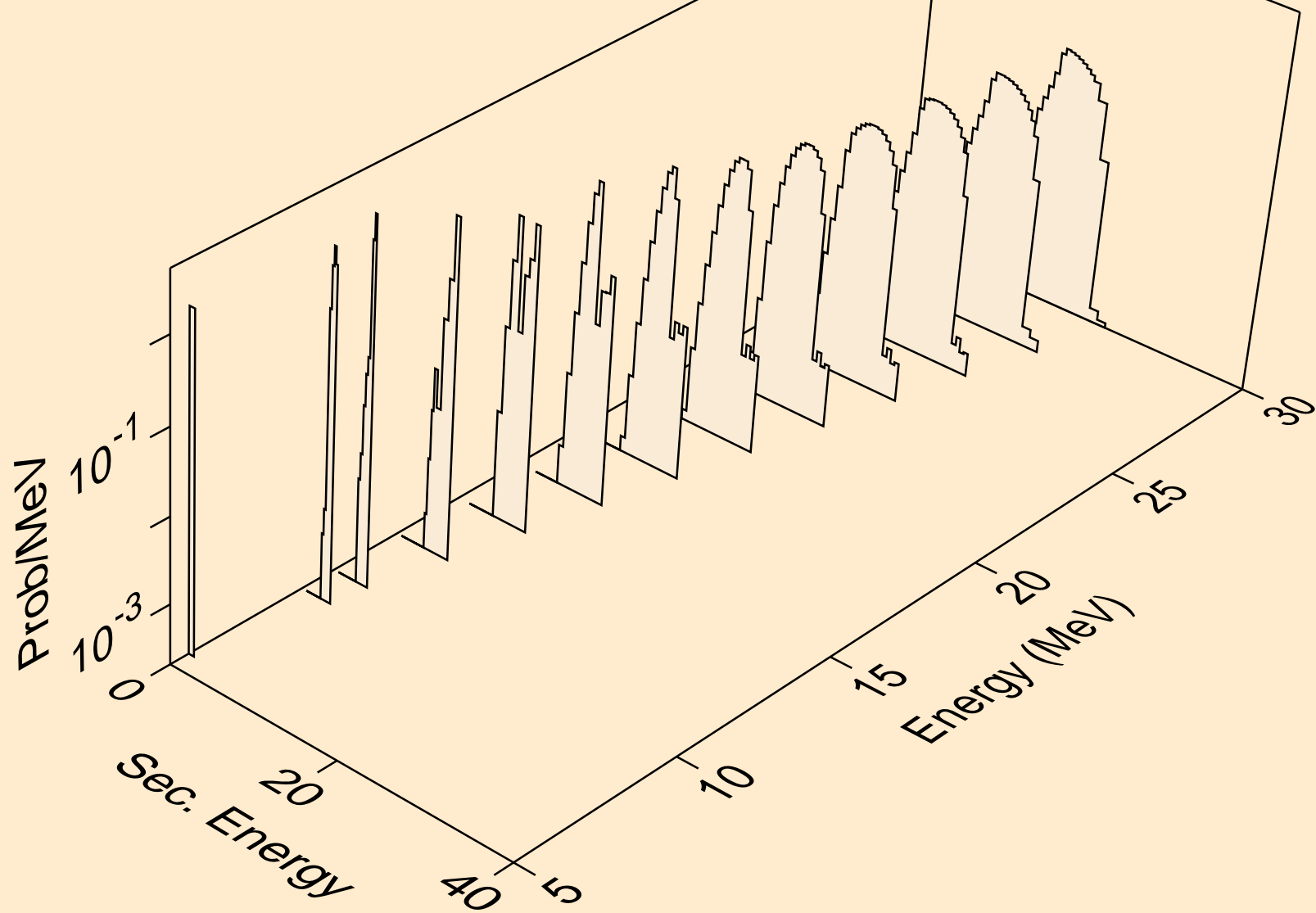
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



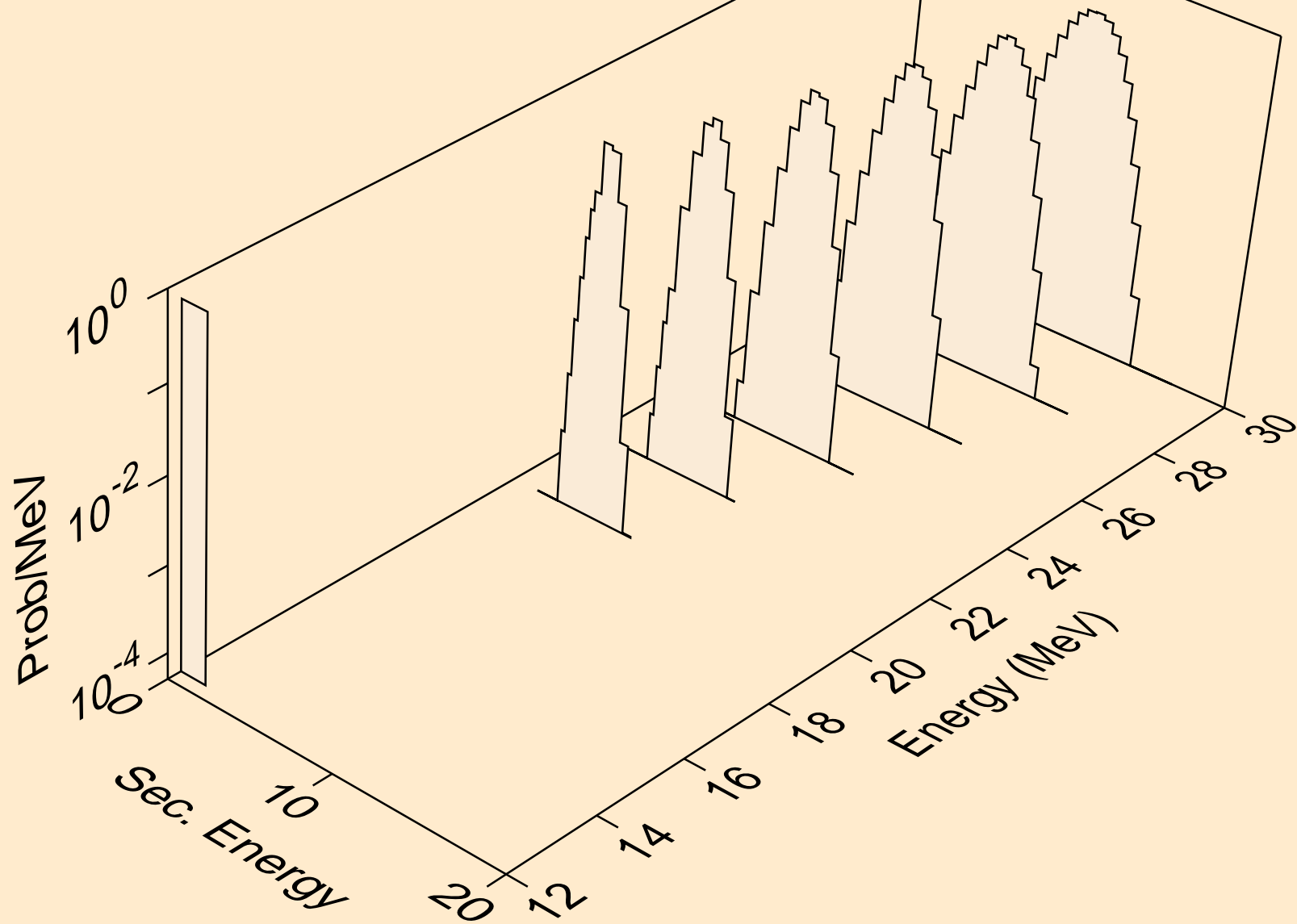
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t



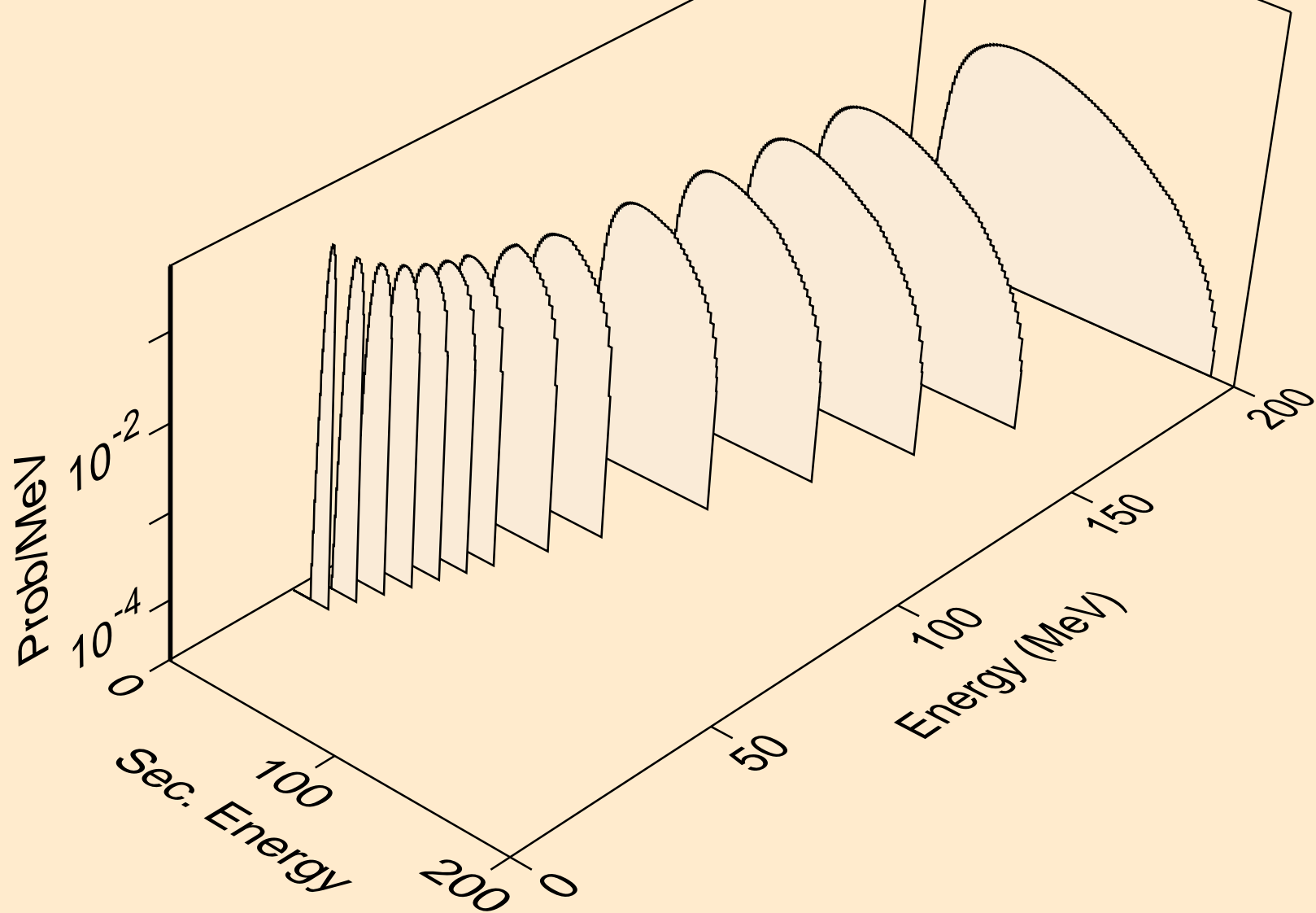
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



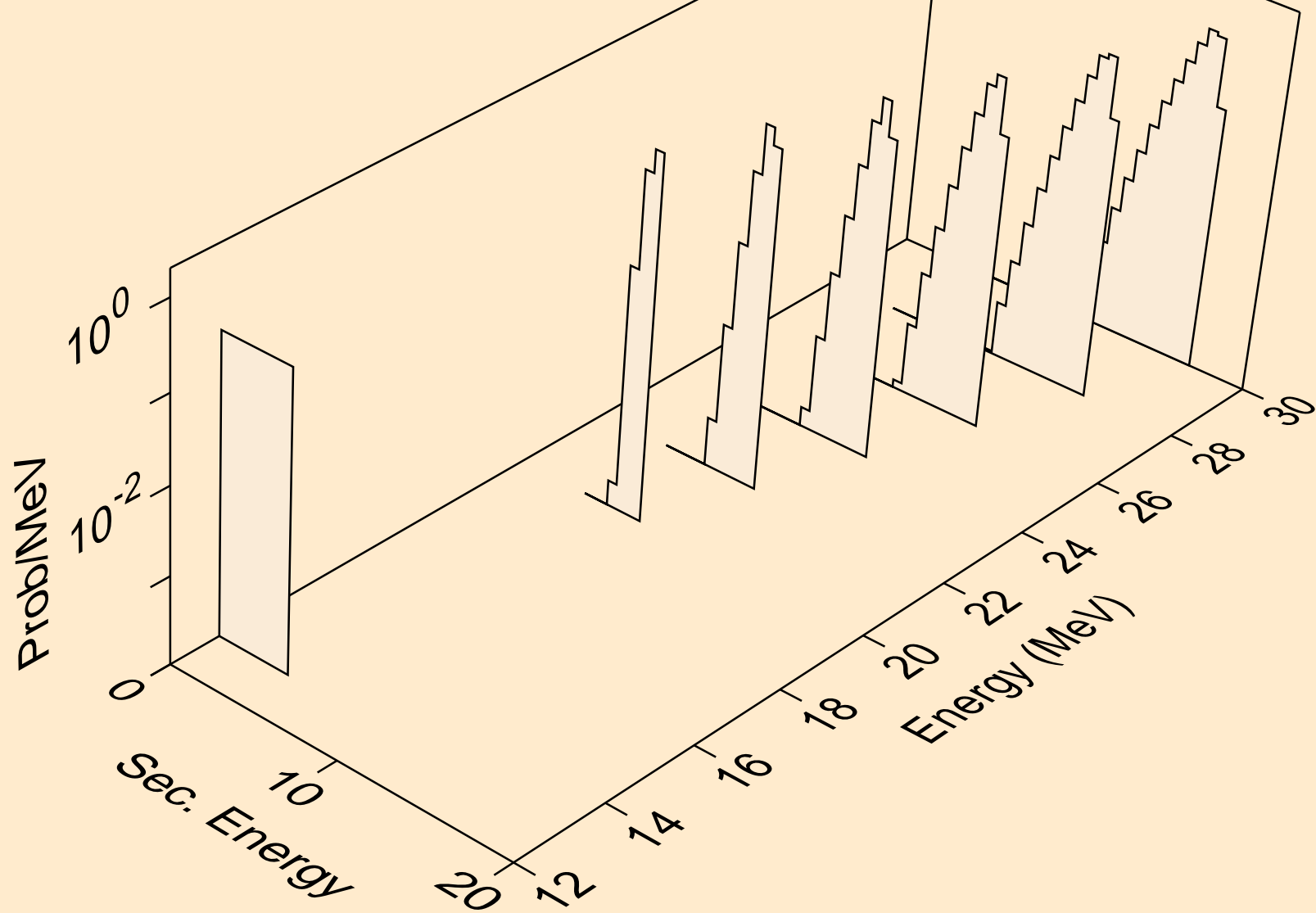
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,pt)



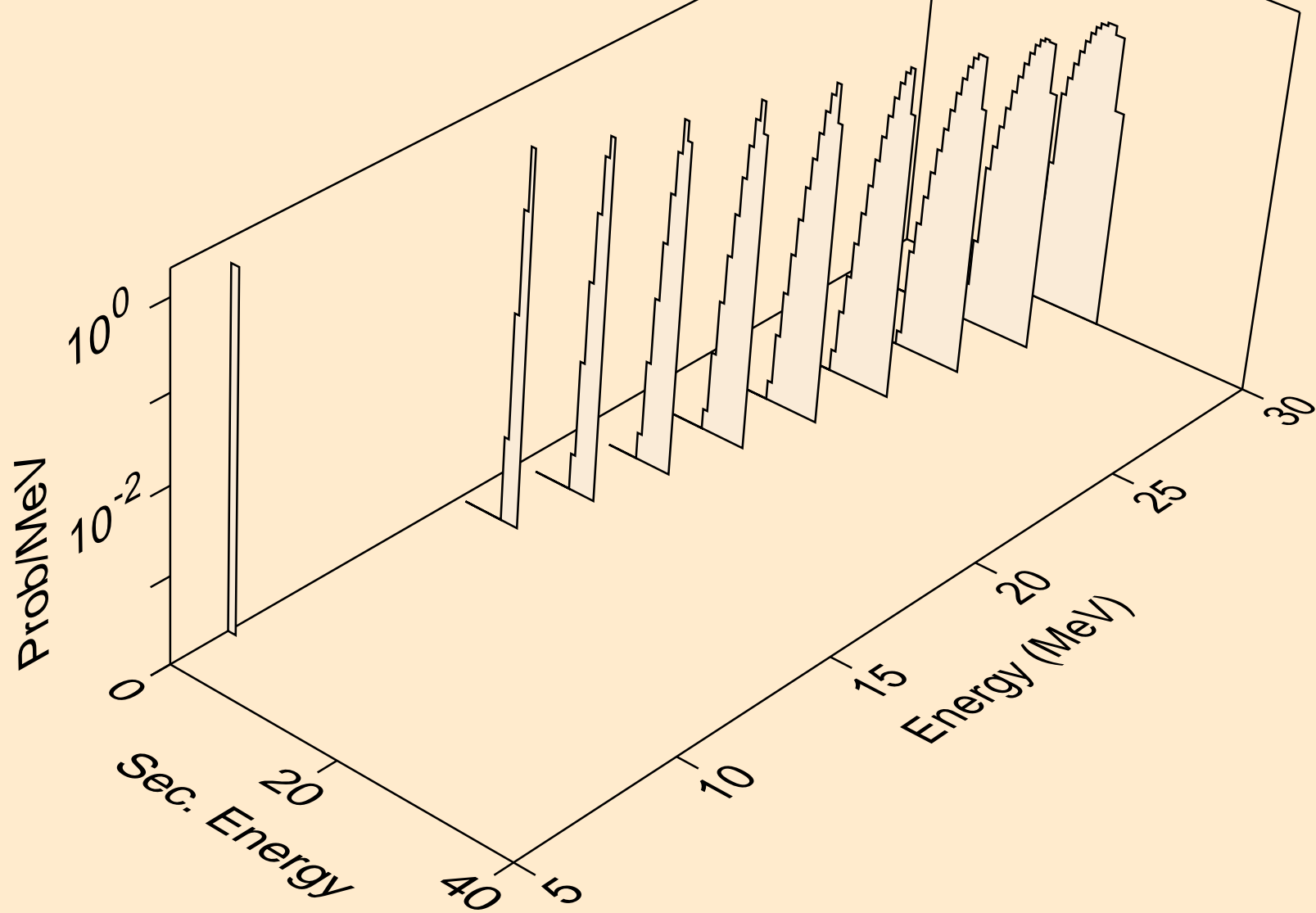
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



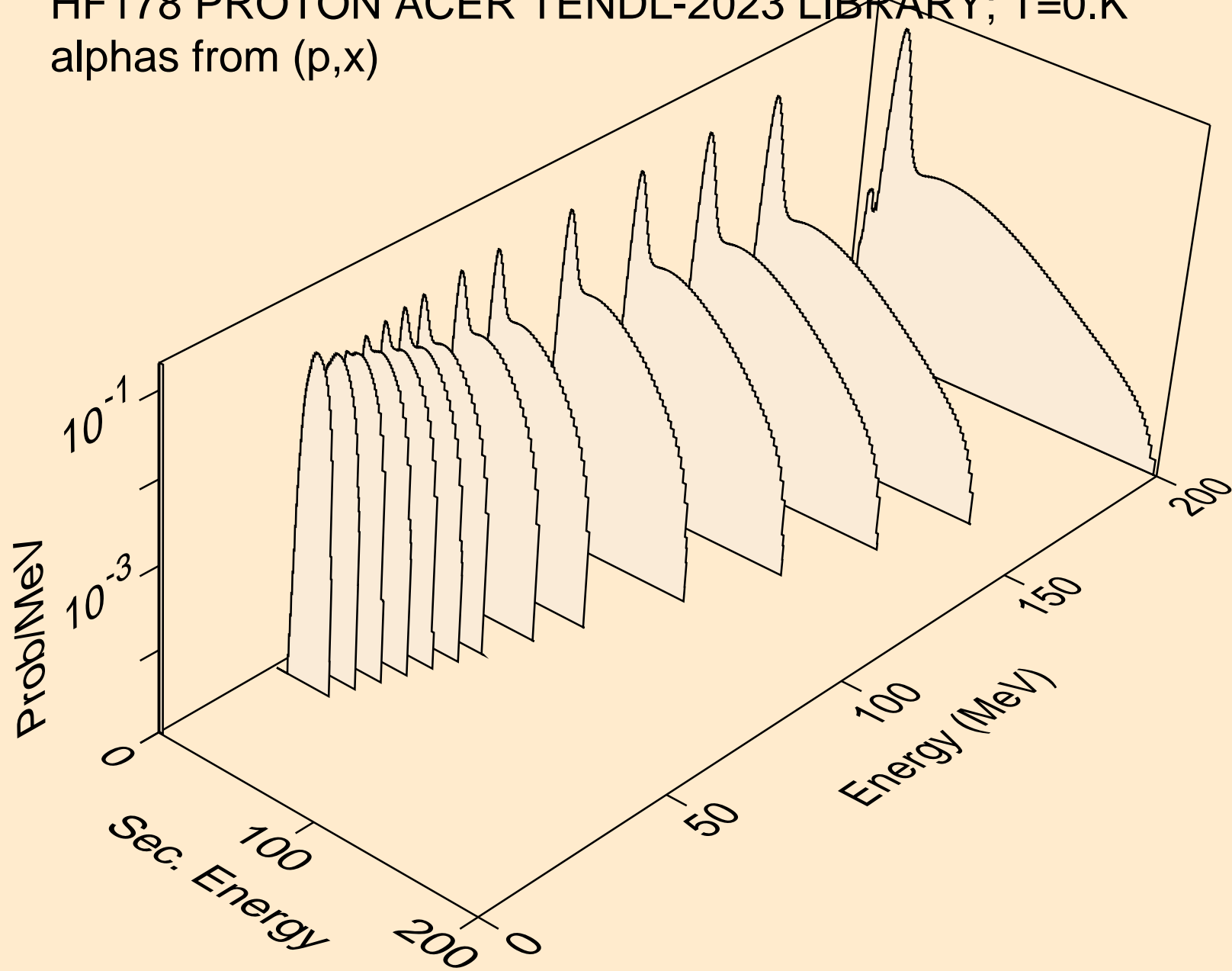
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



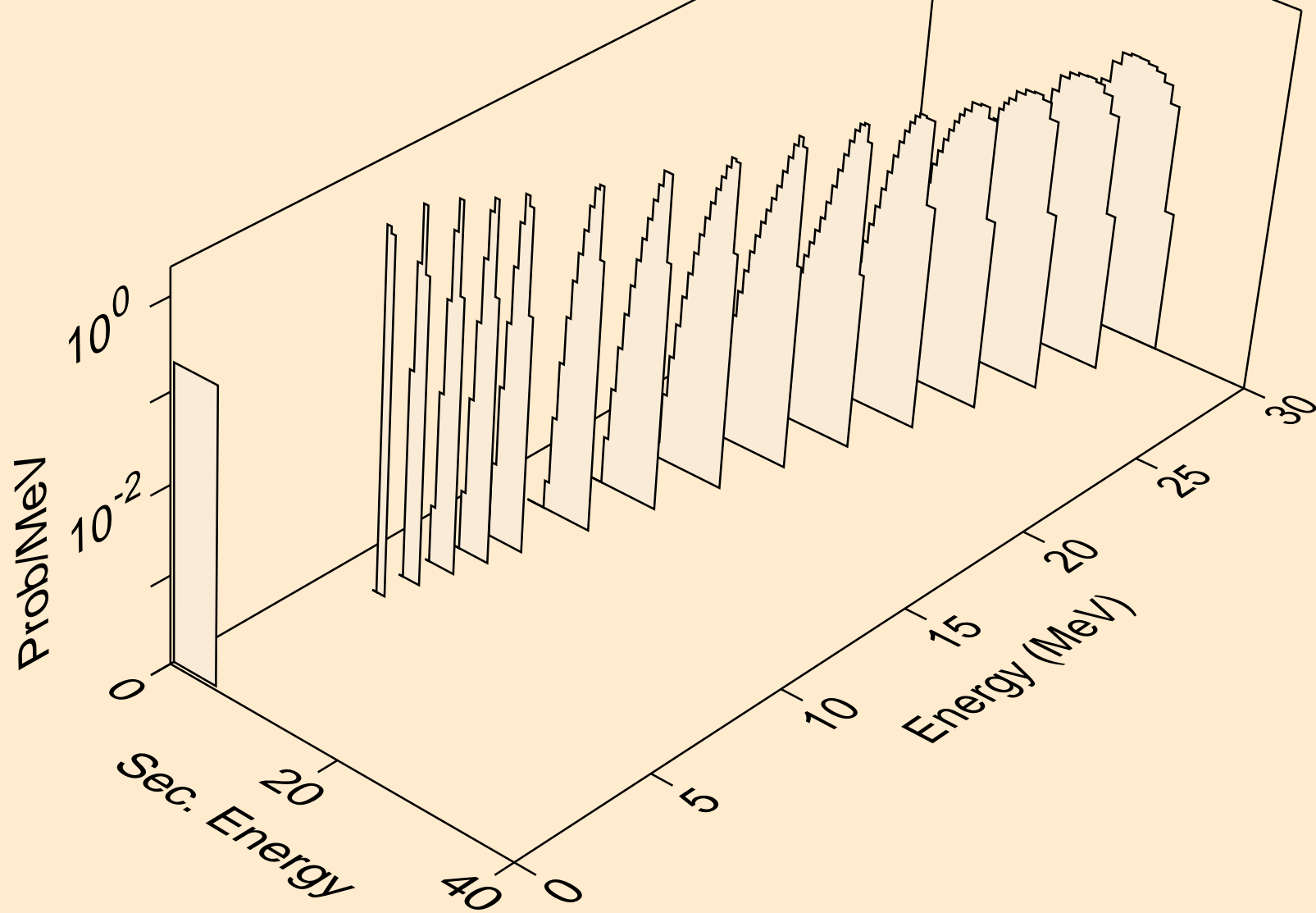
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



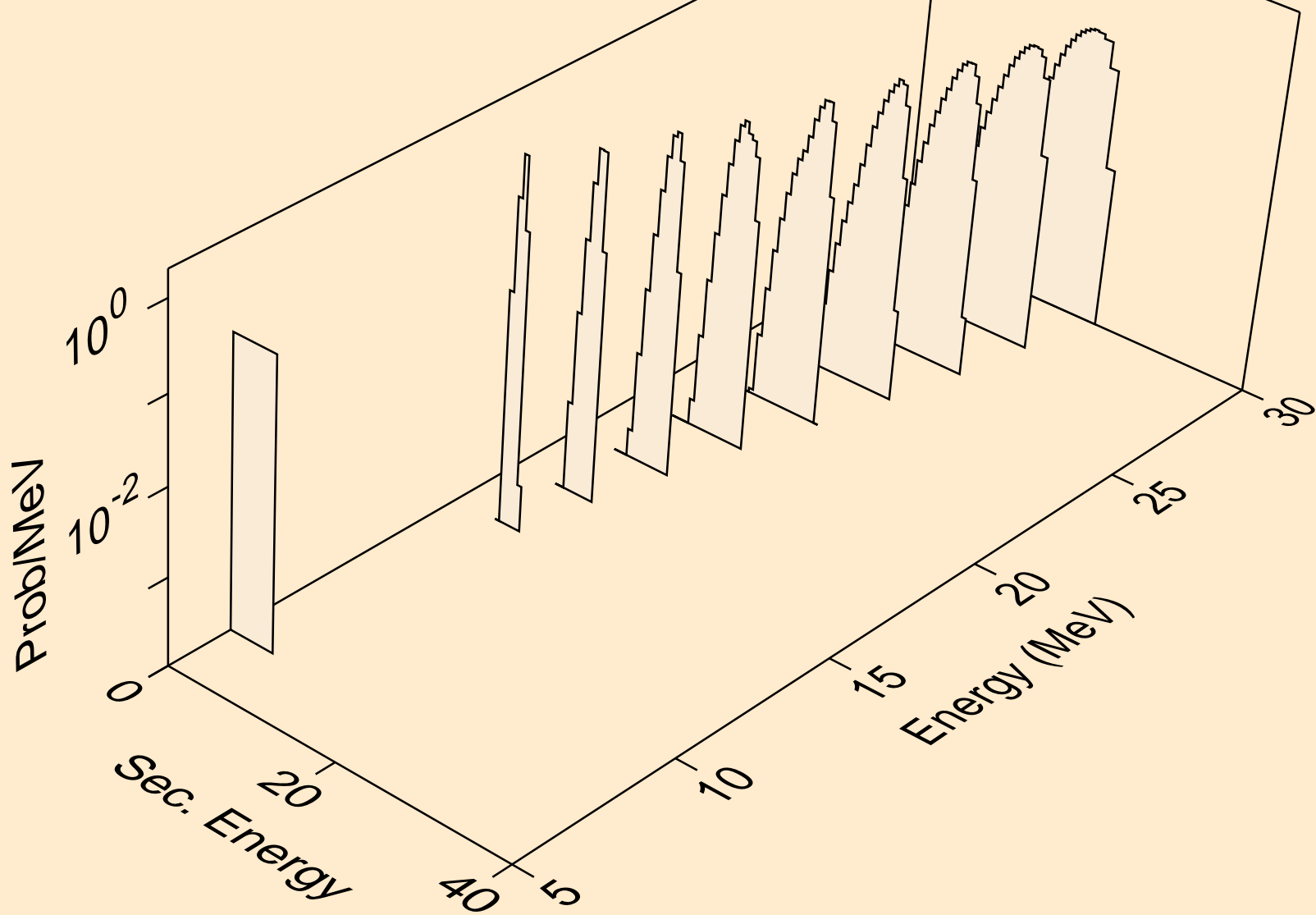
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



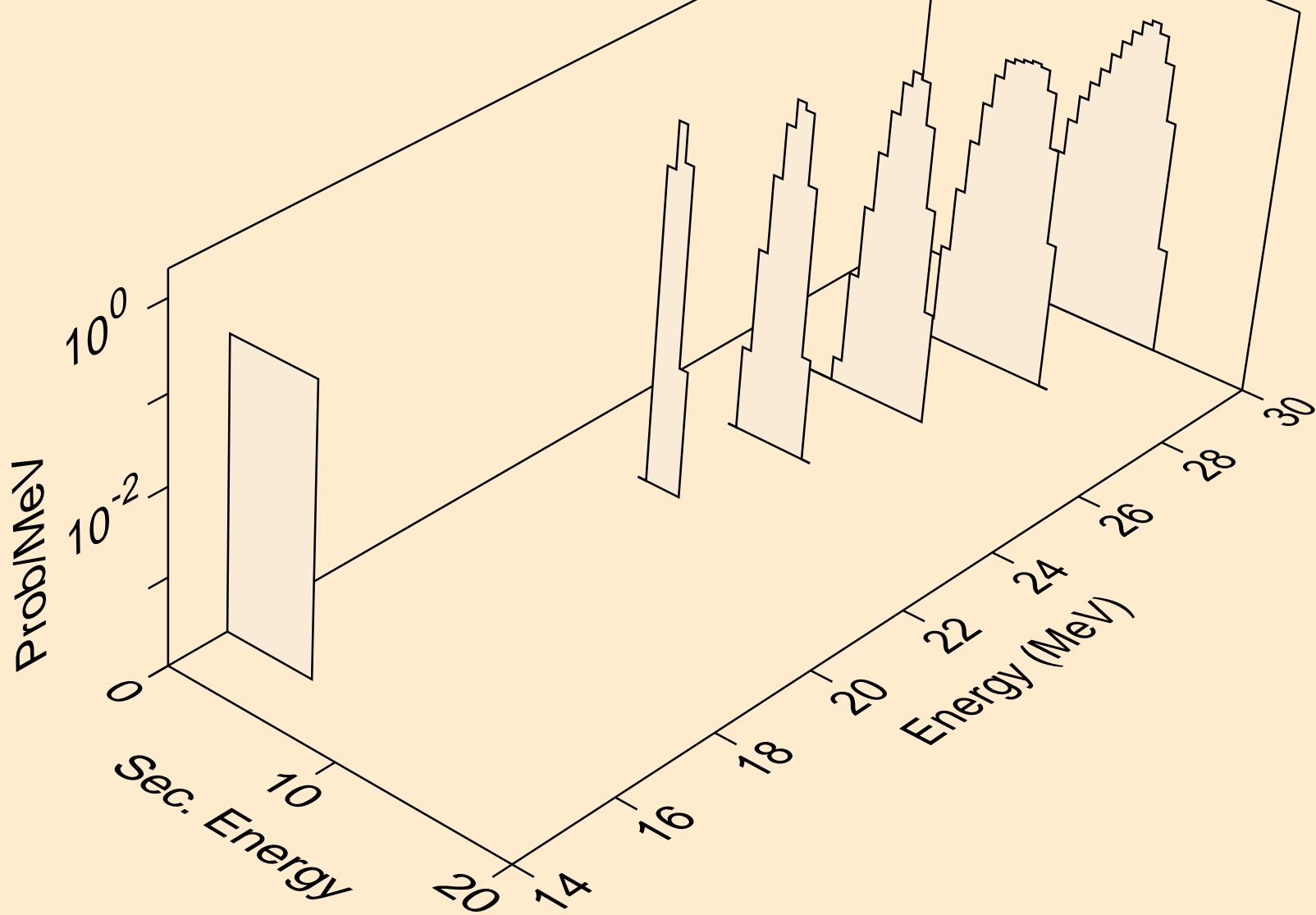
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



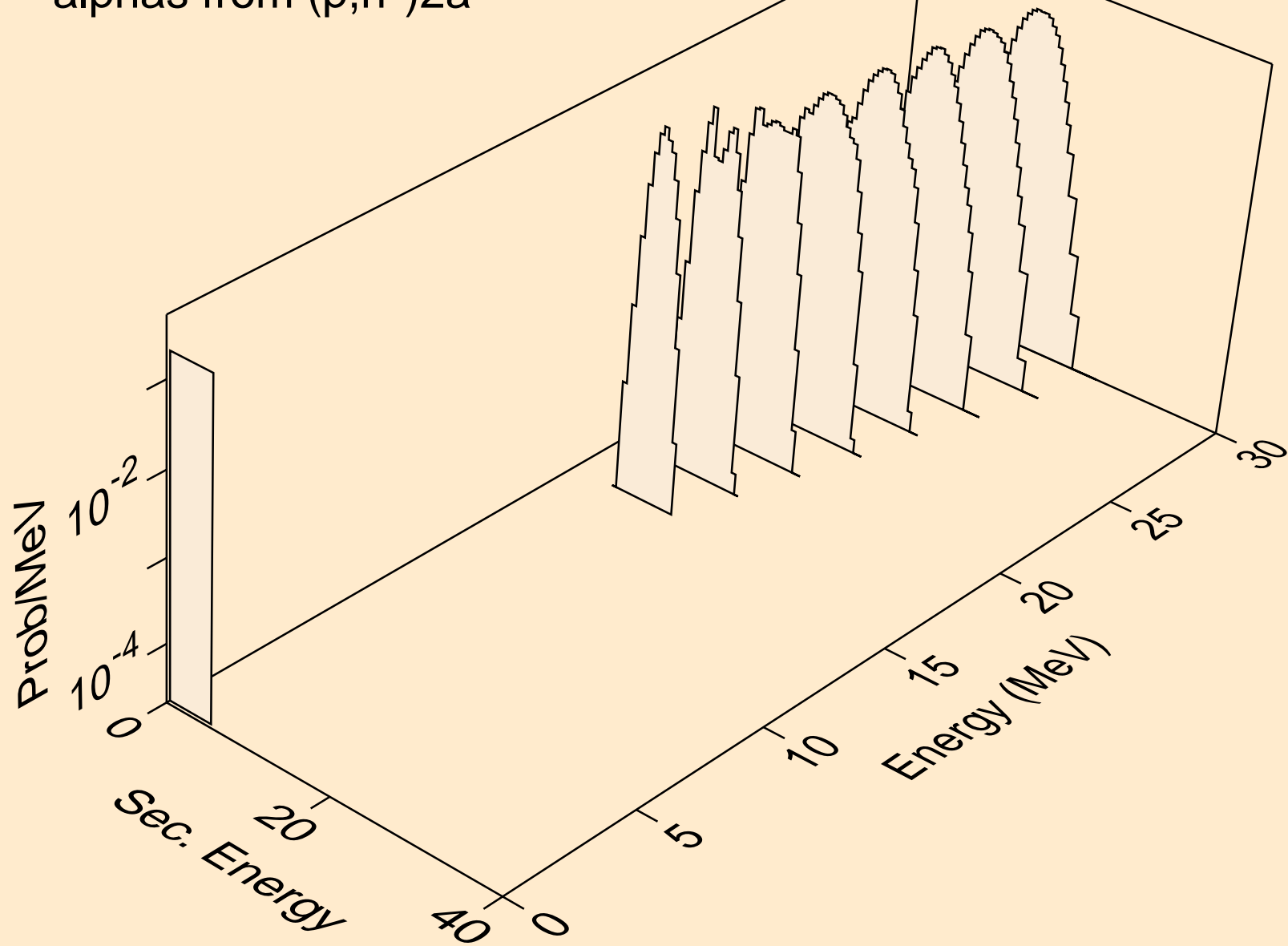
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



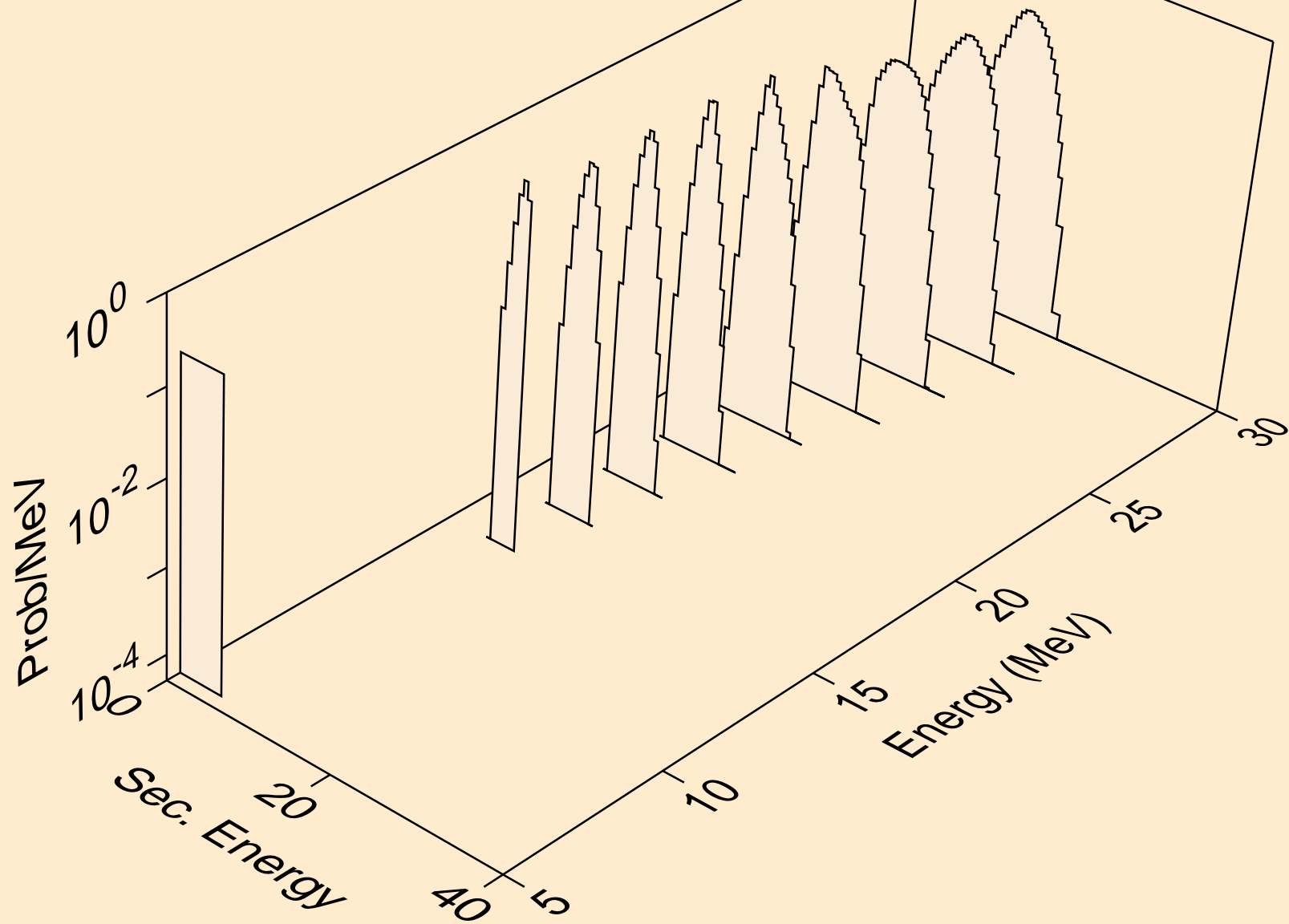
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



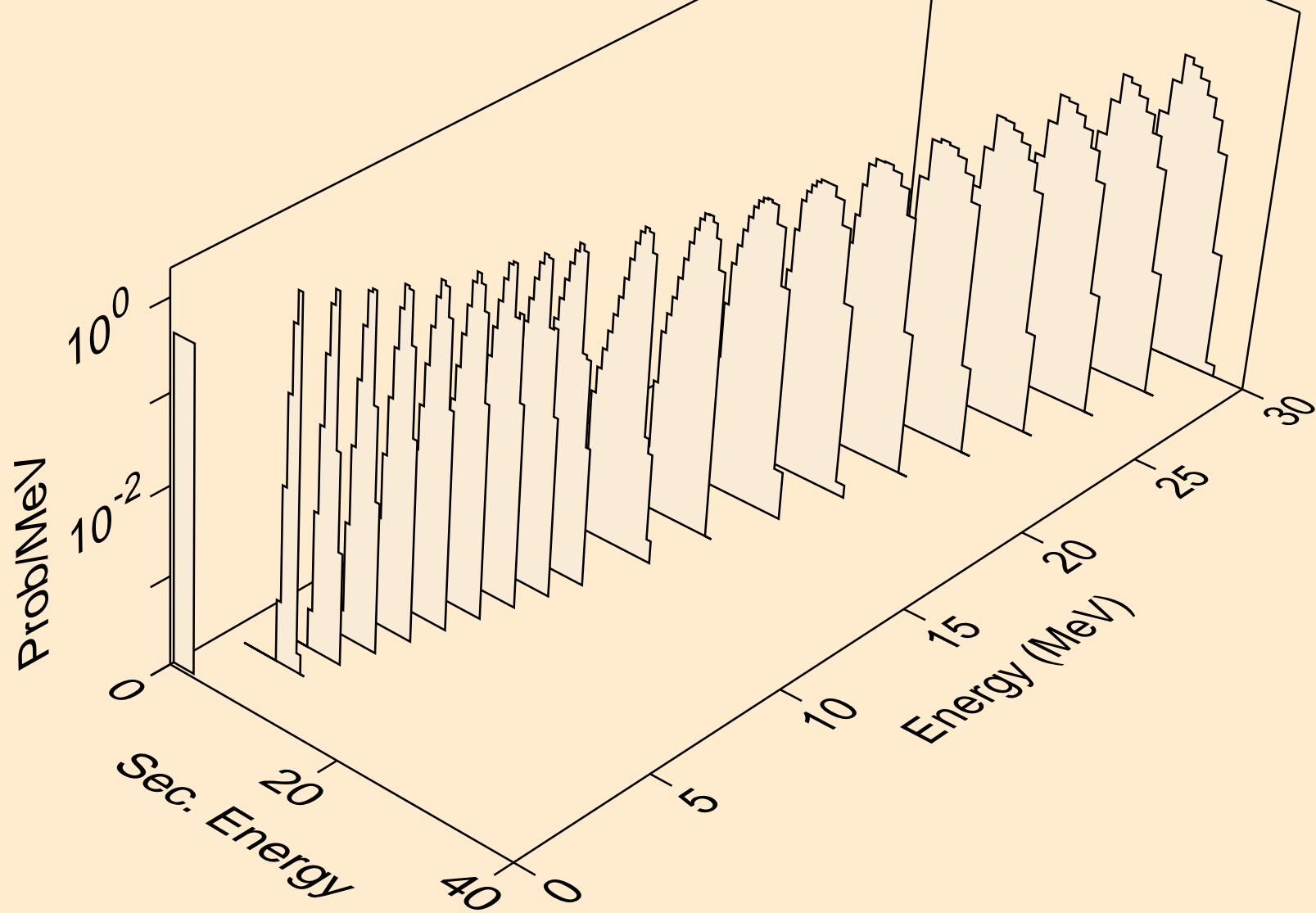
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)2a



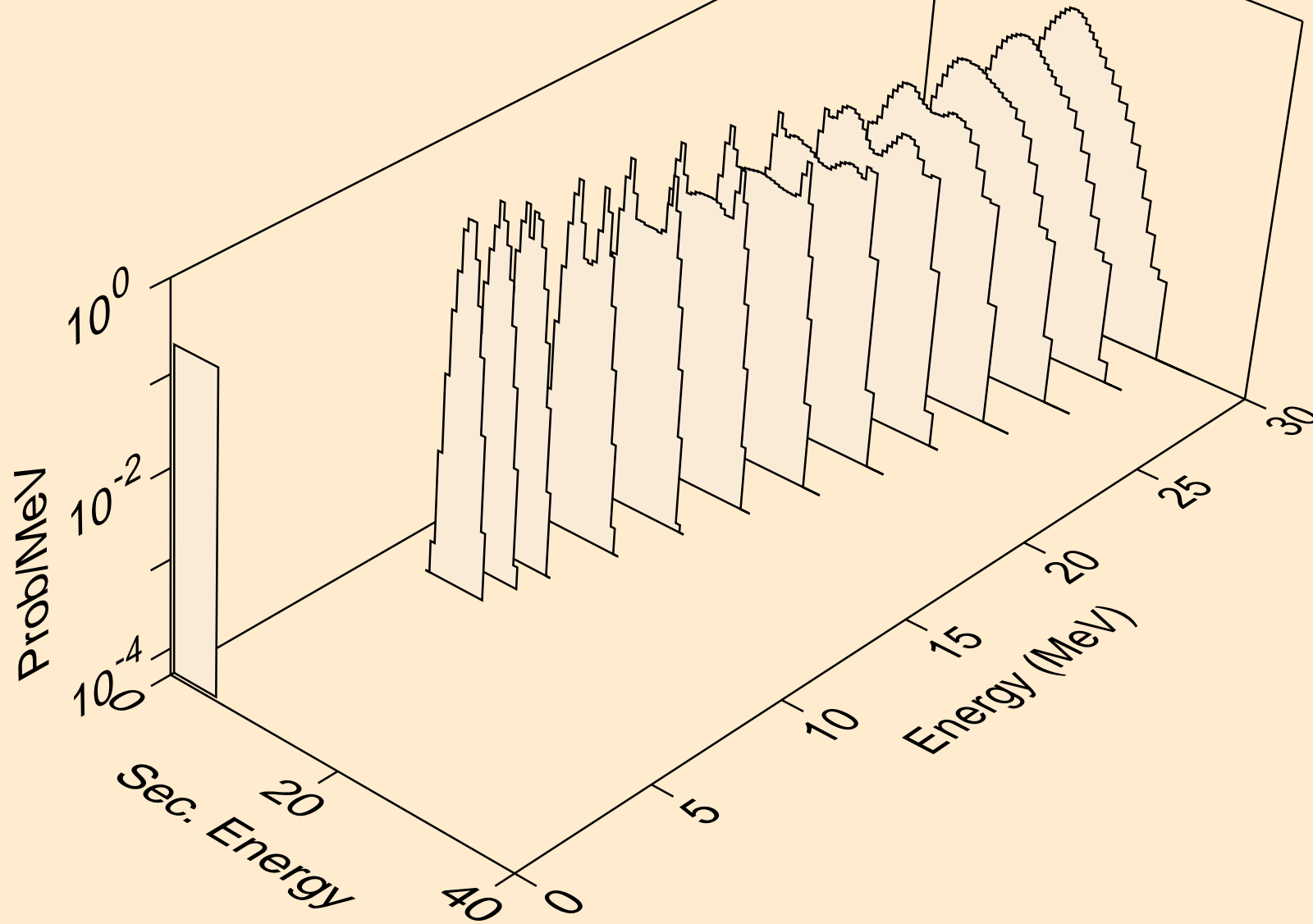
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,npa)



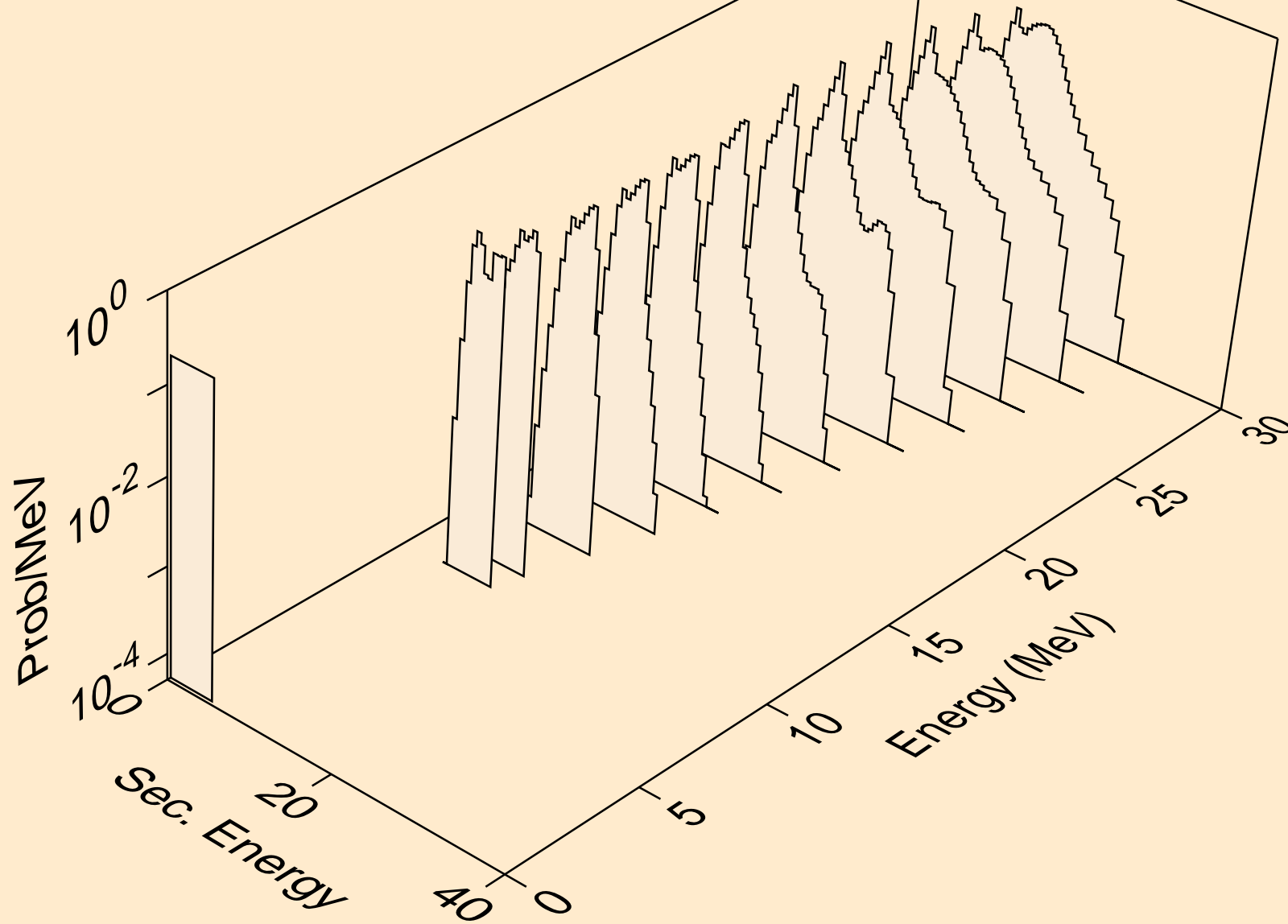
HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)



HF178 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,da)

