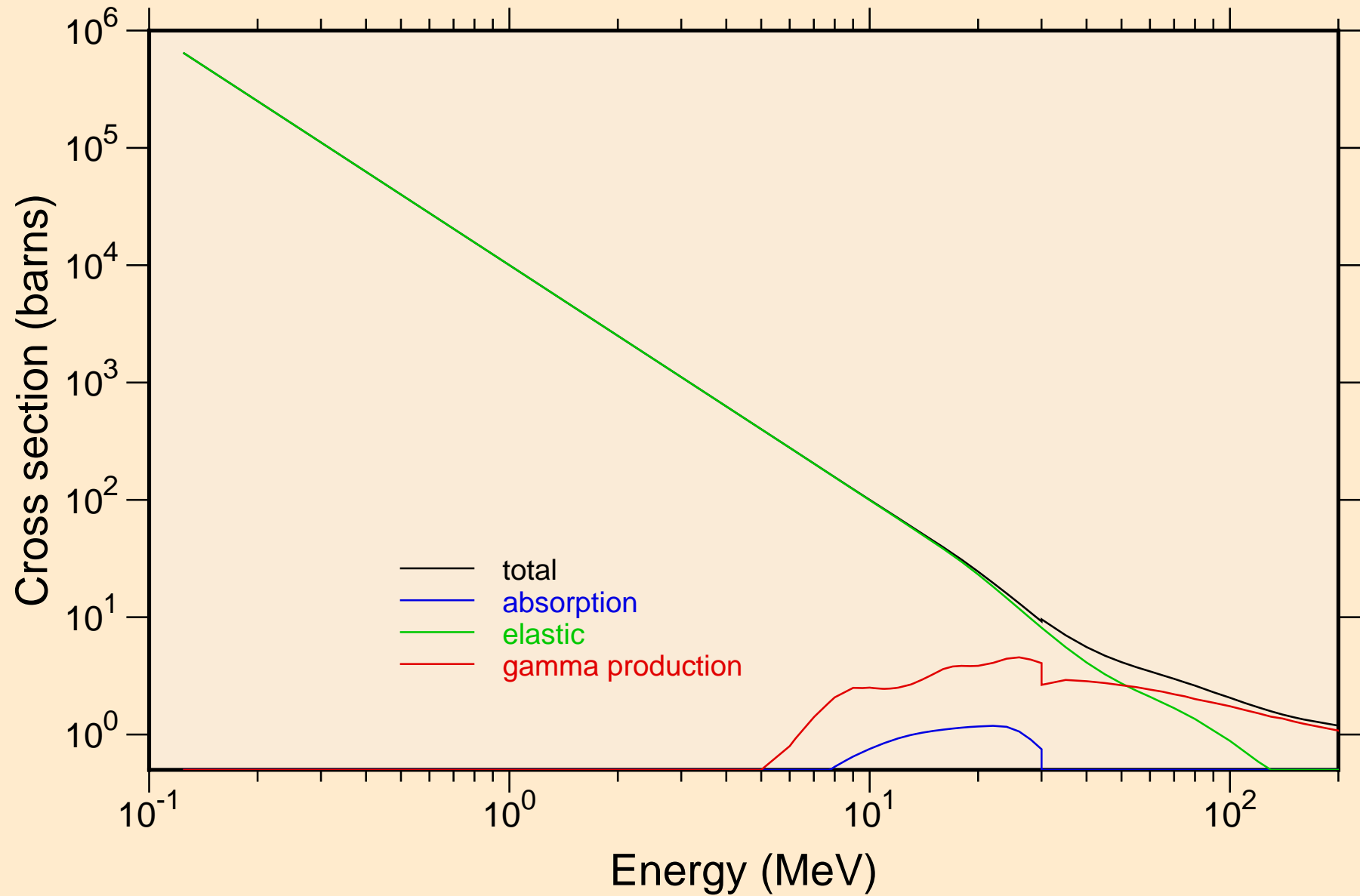


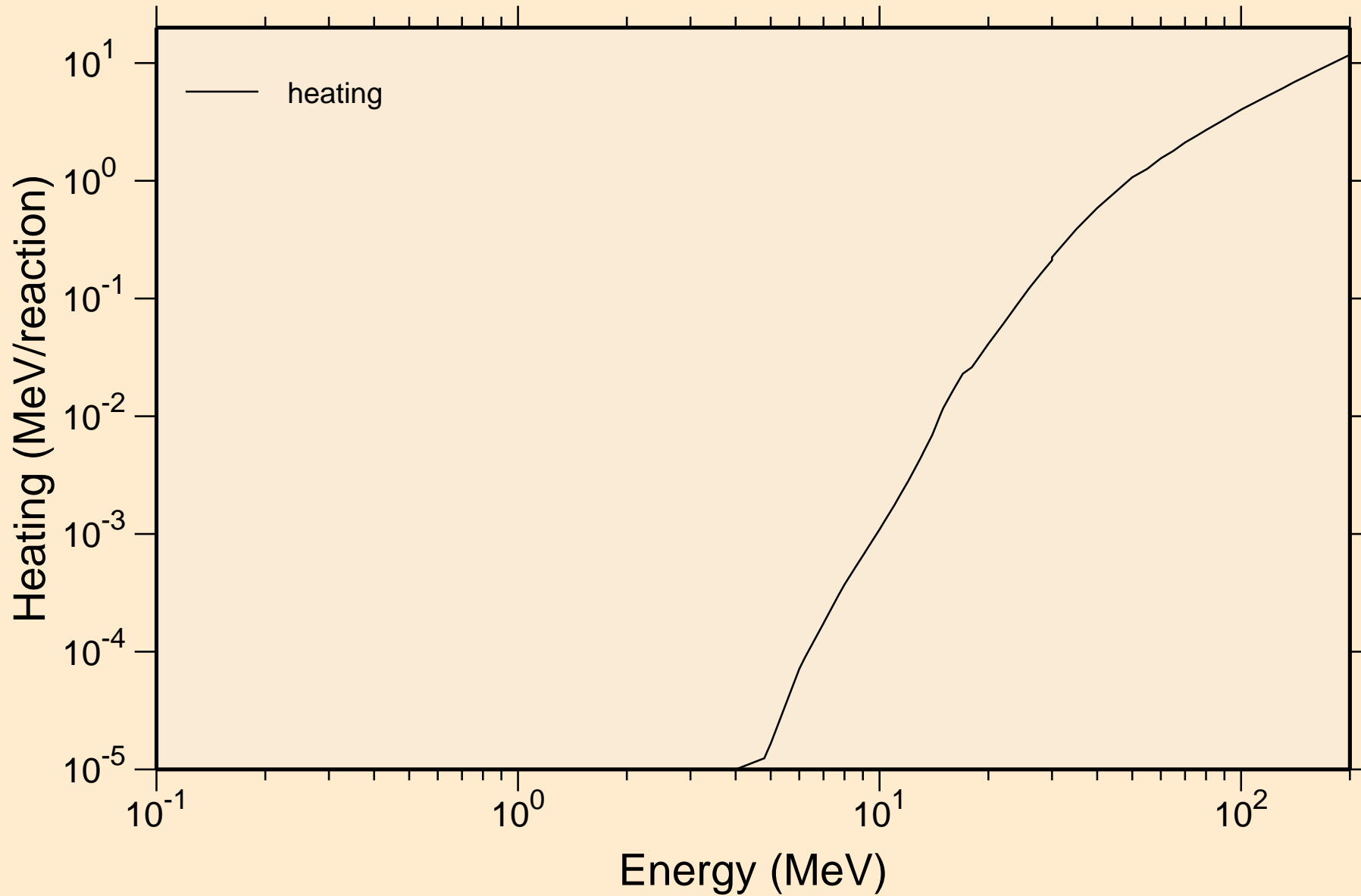
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



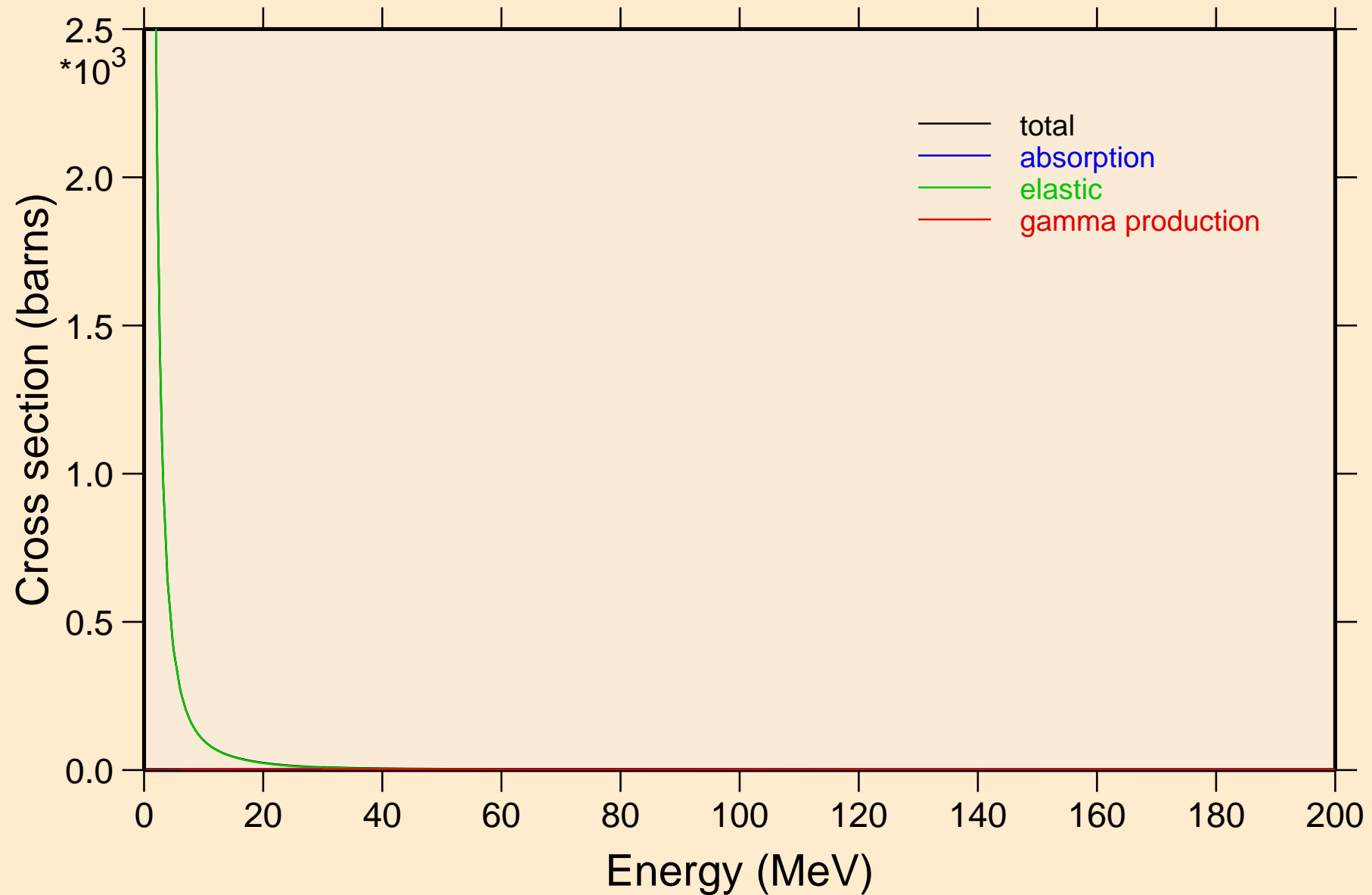
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



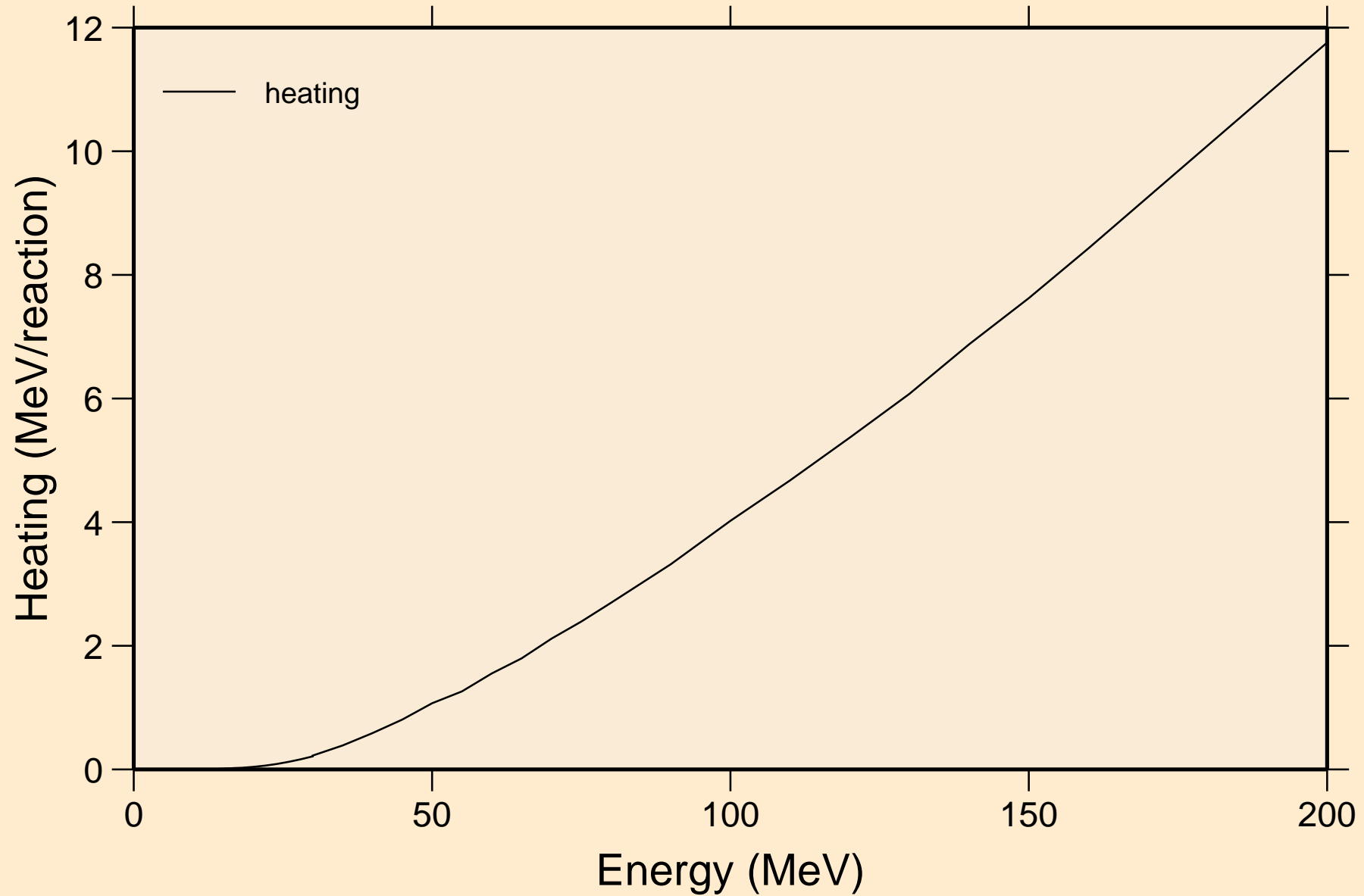
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

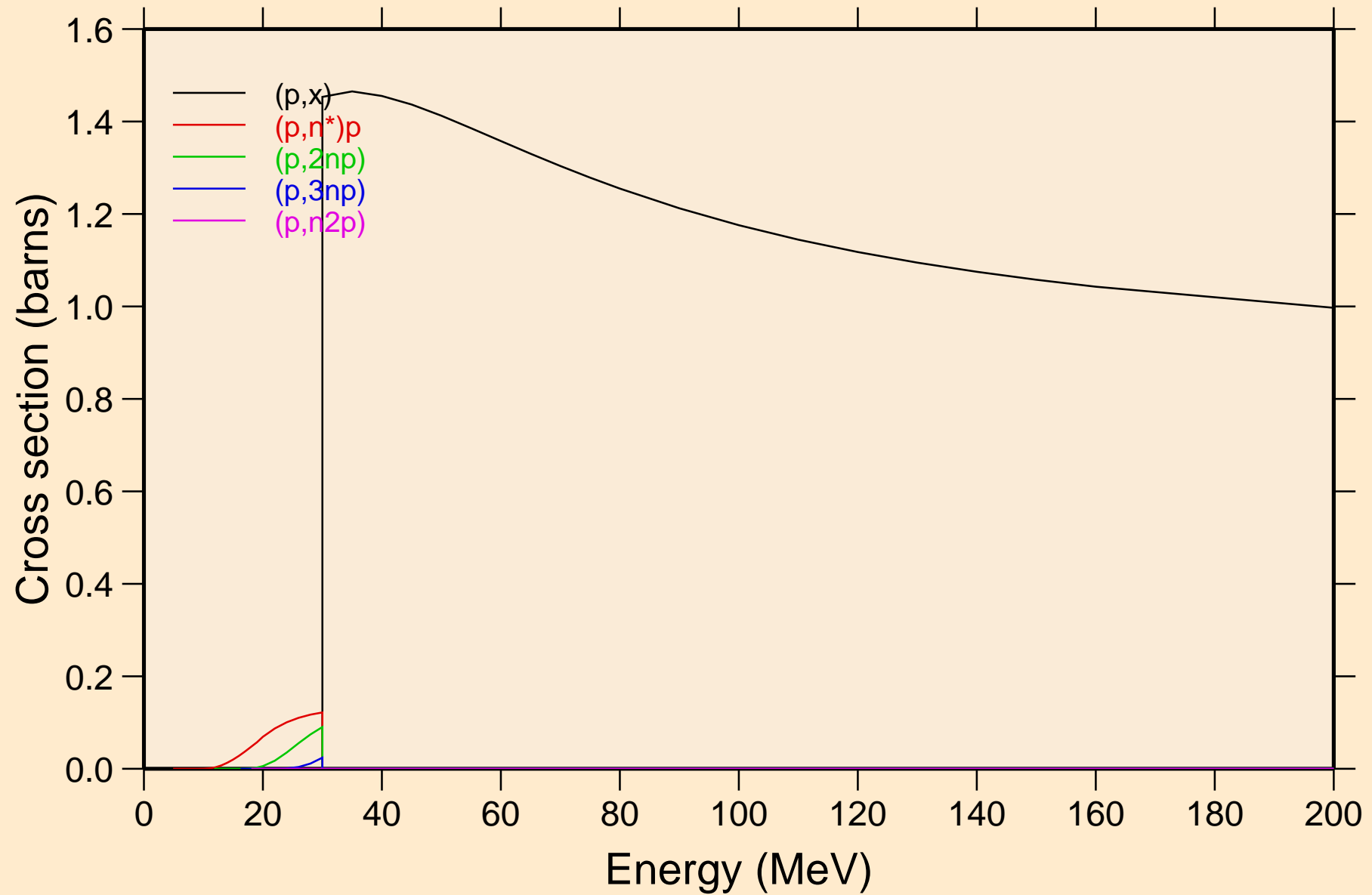


ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K

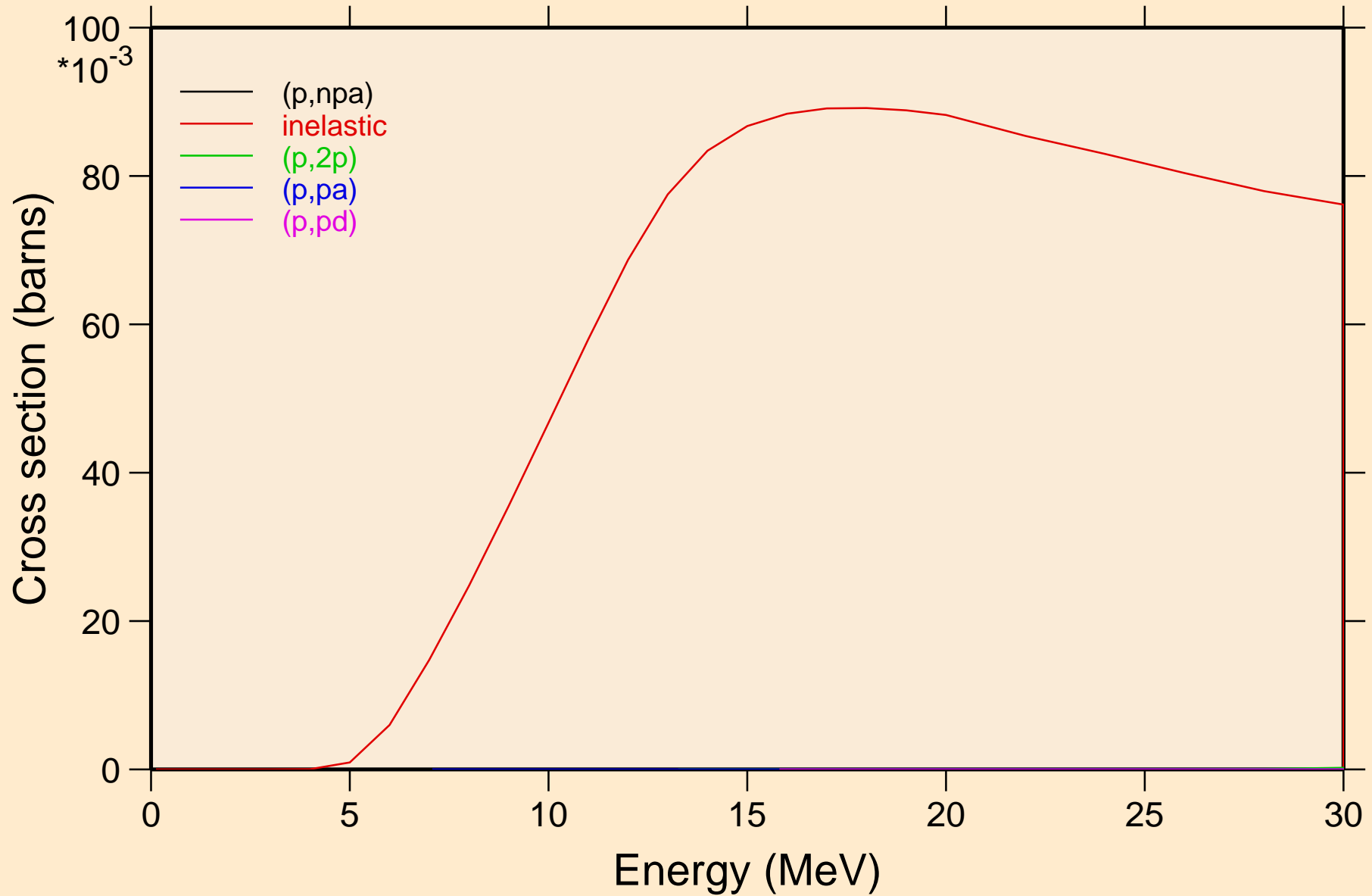
Heating



ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

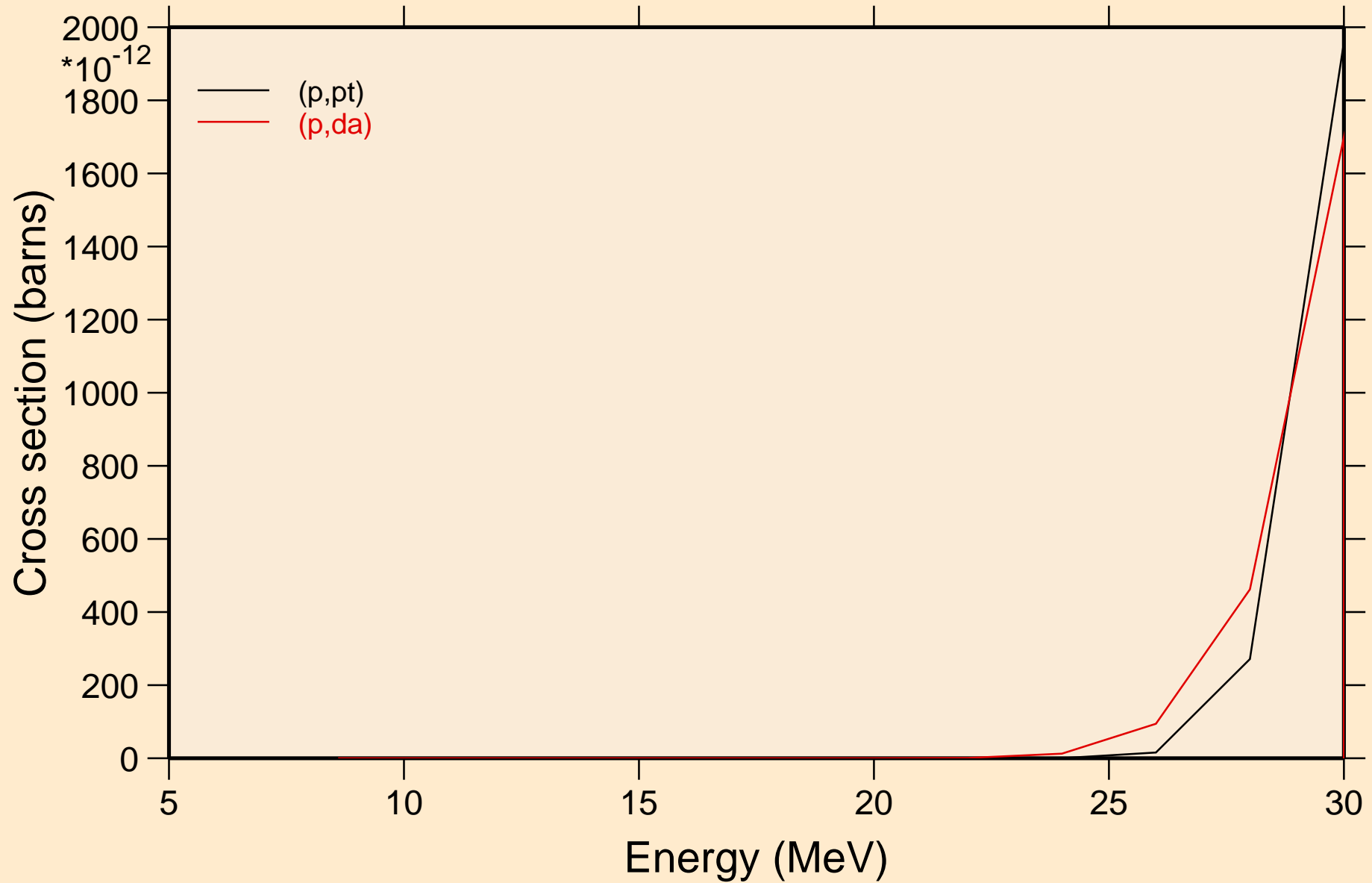


ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

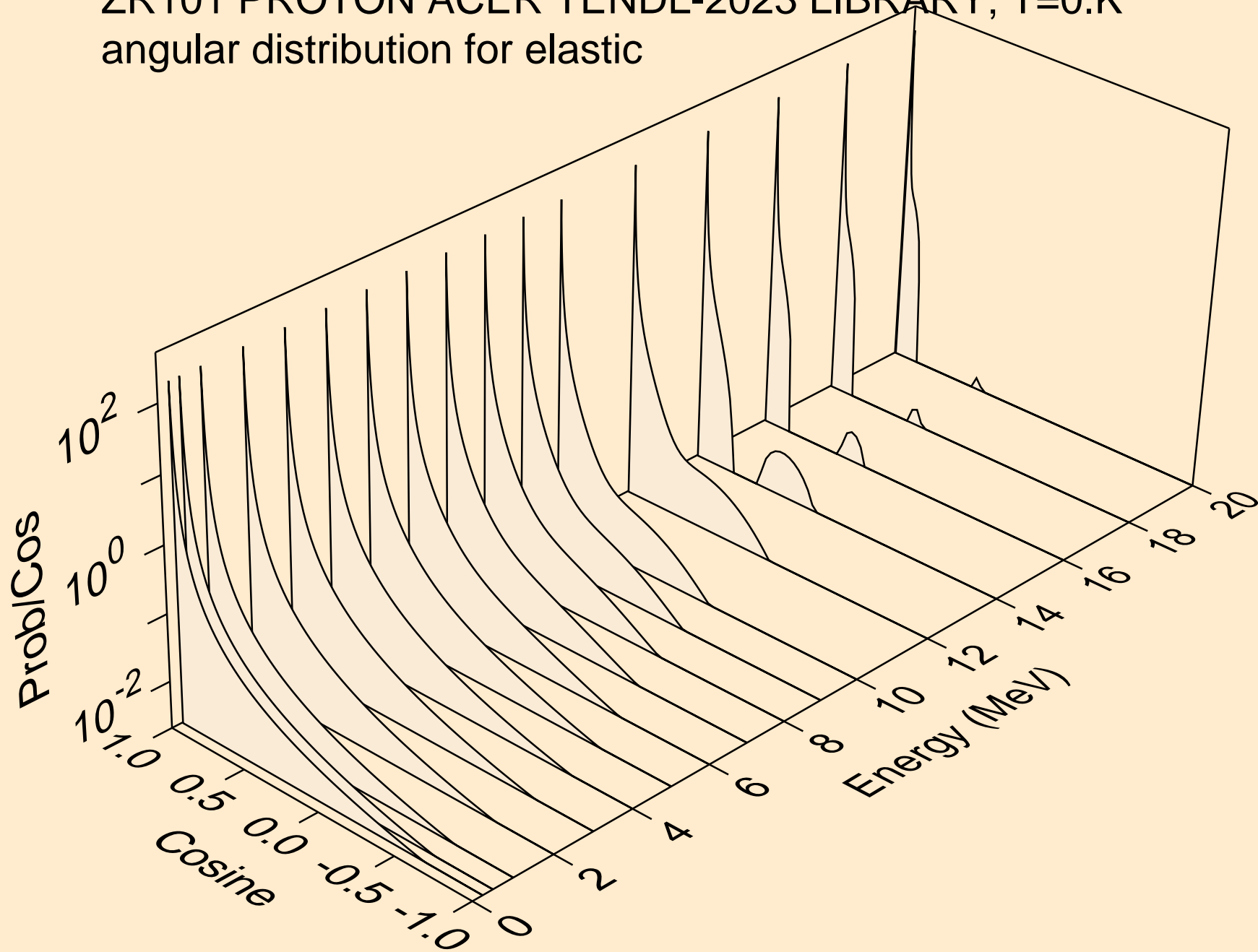


ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K

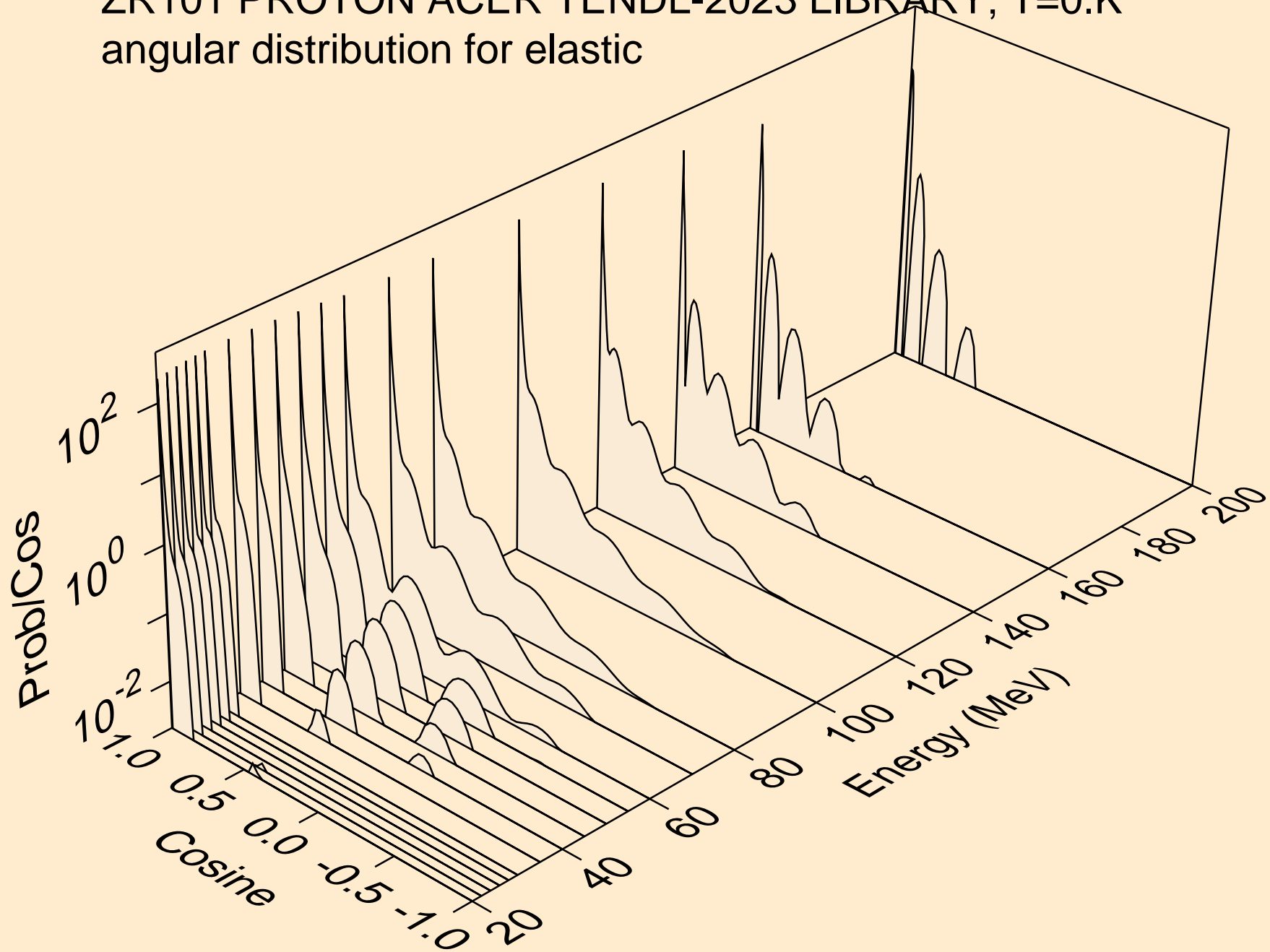
Threshold reactions



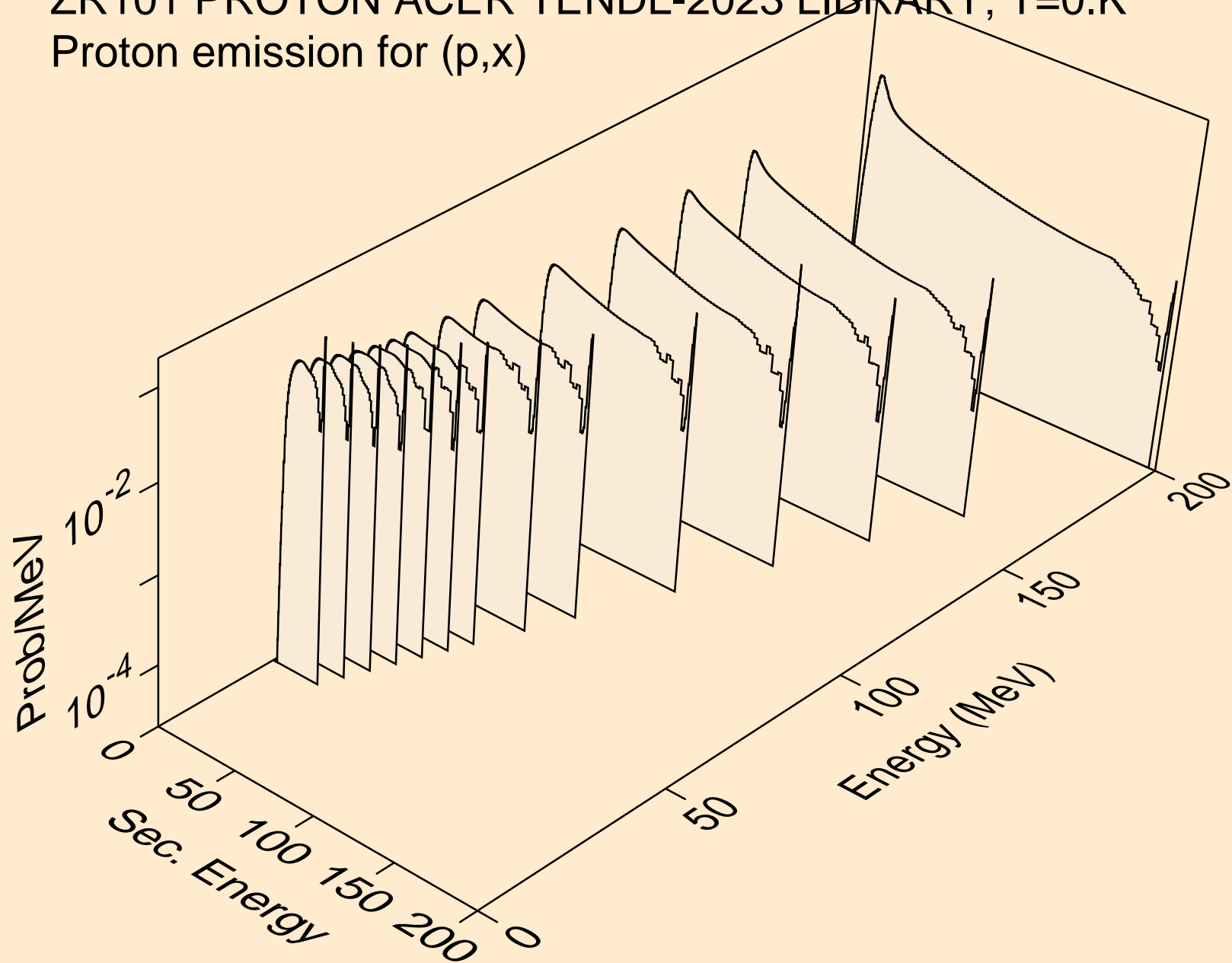
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



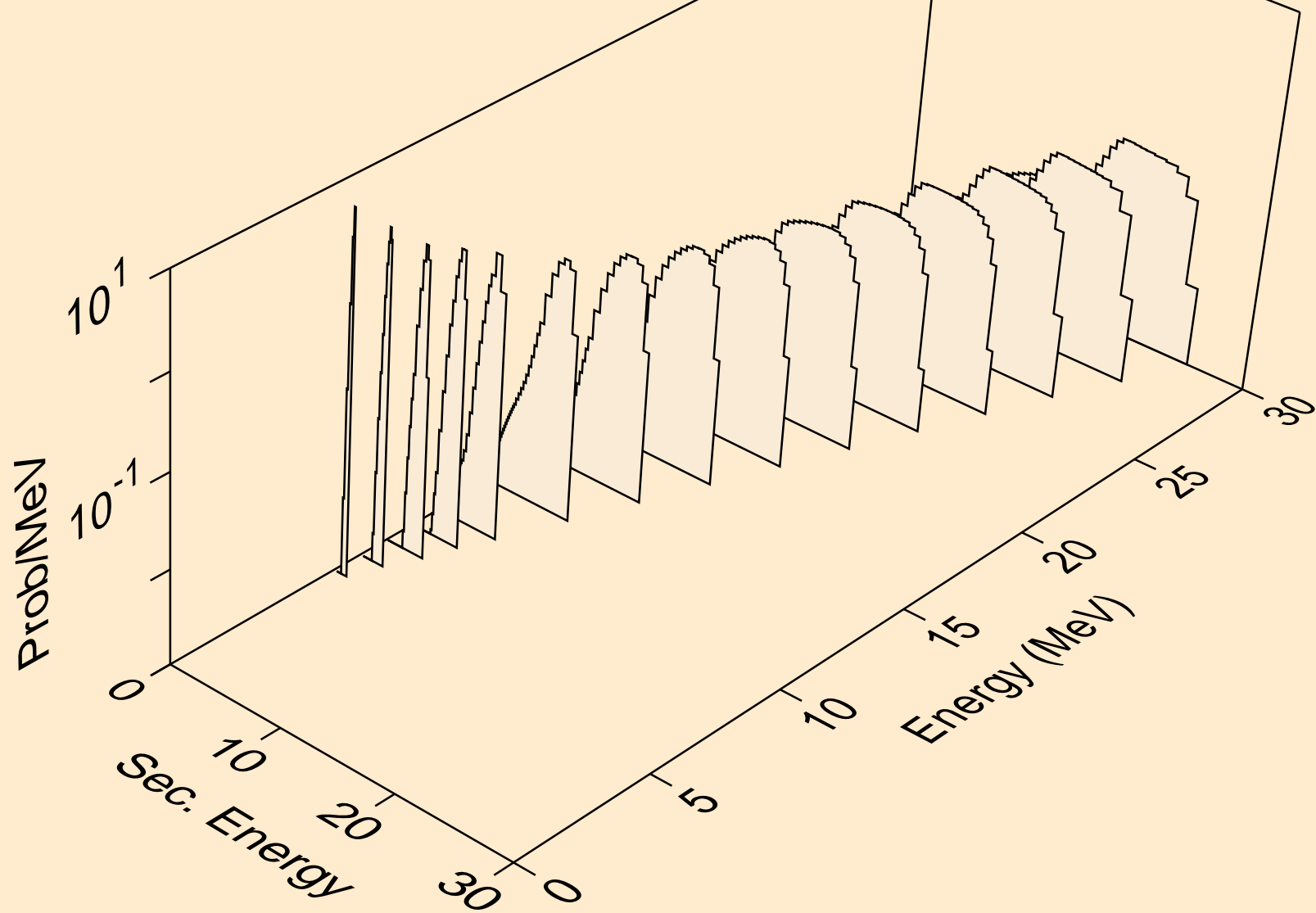
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



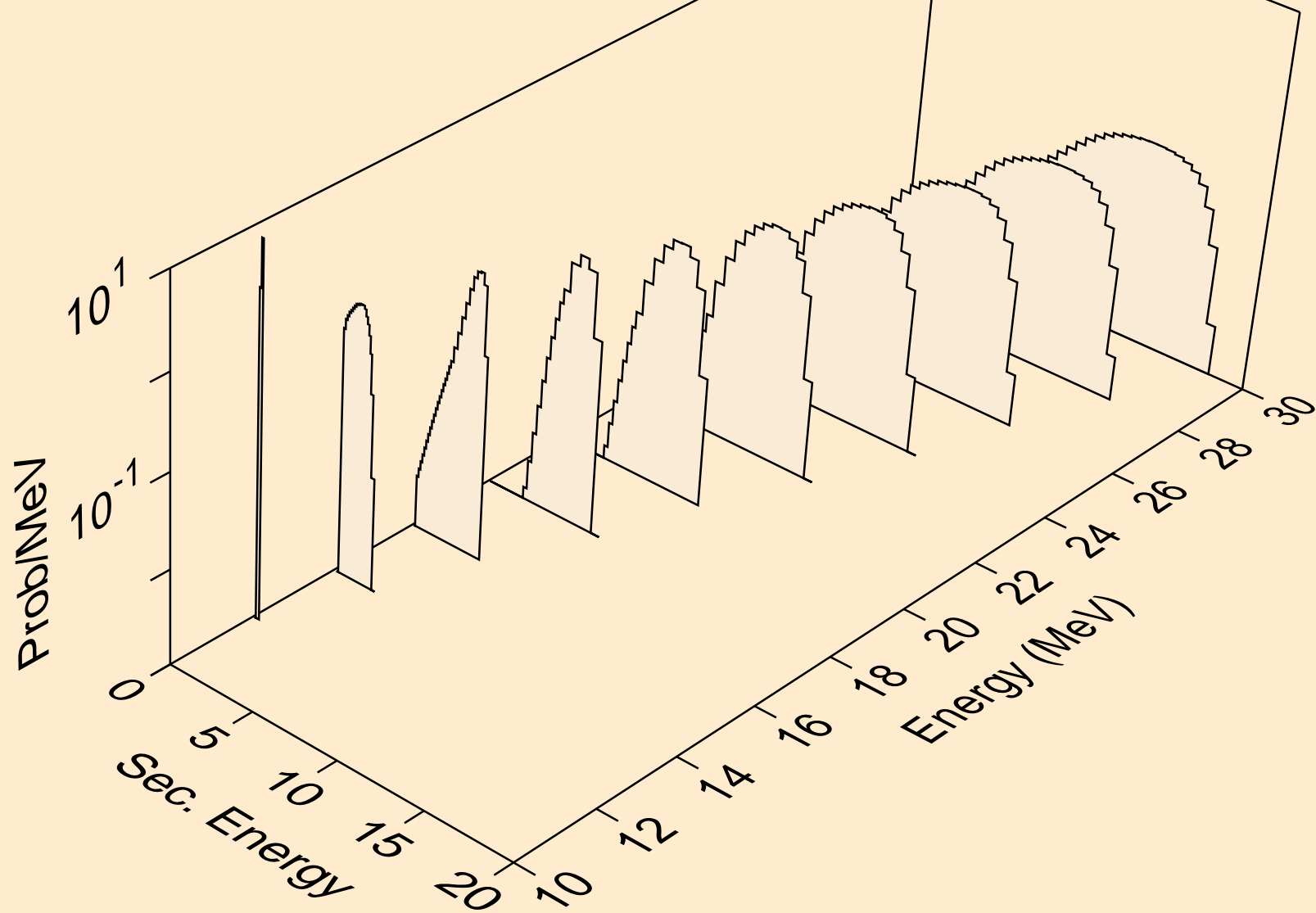
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)



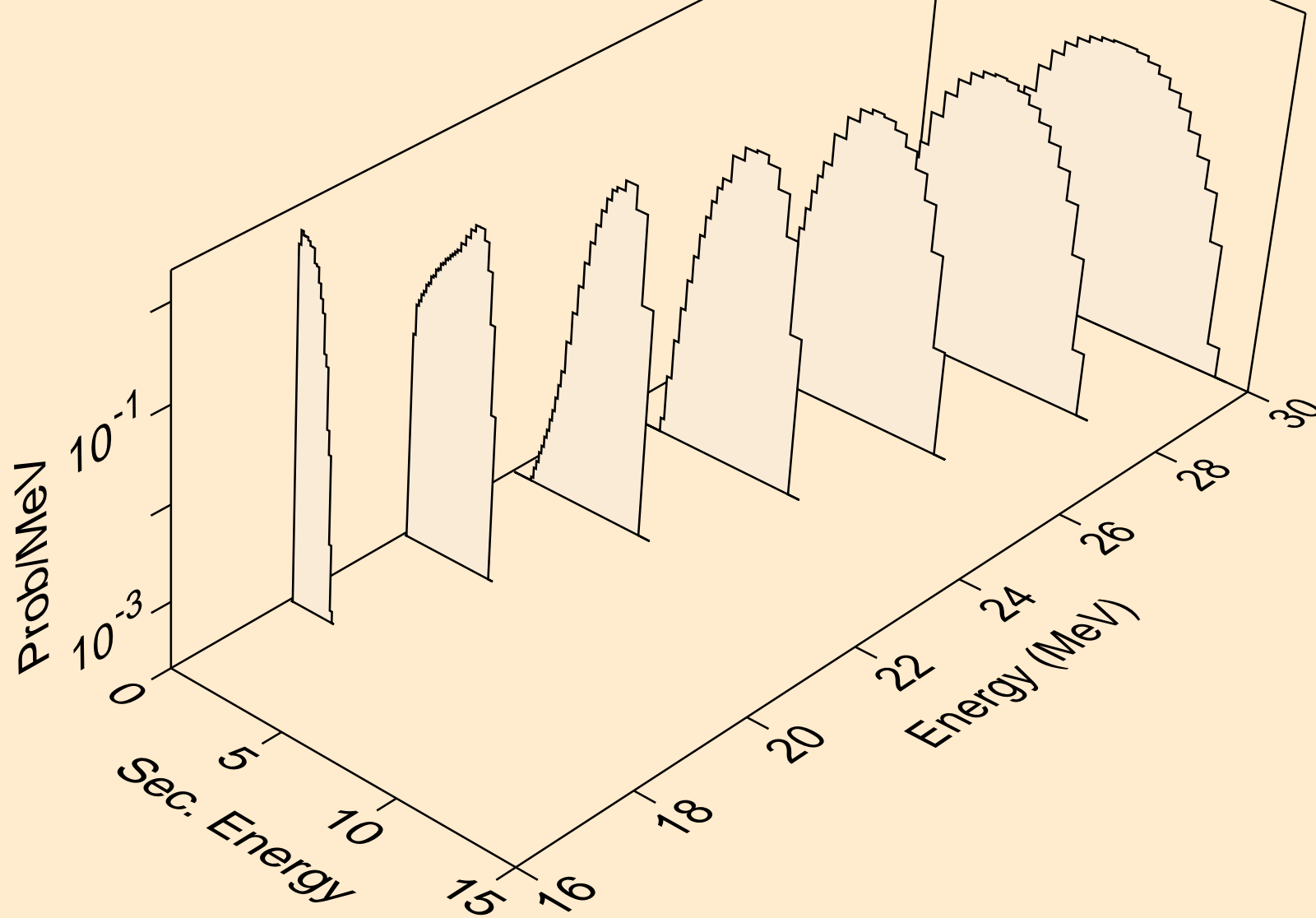
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n*)p



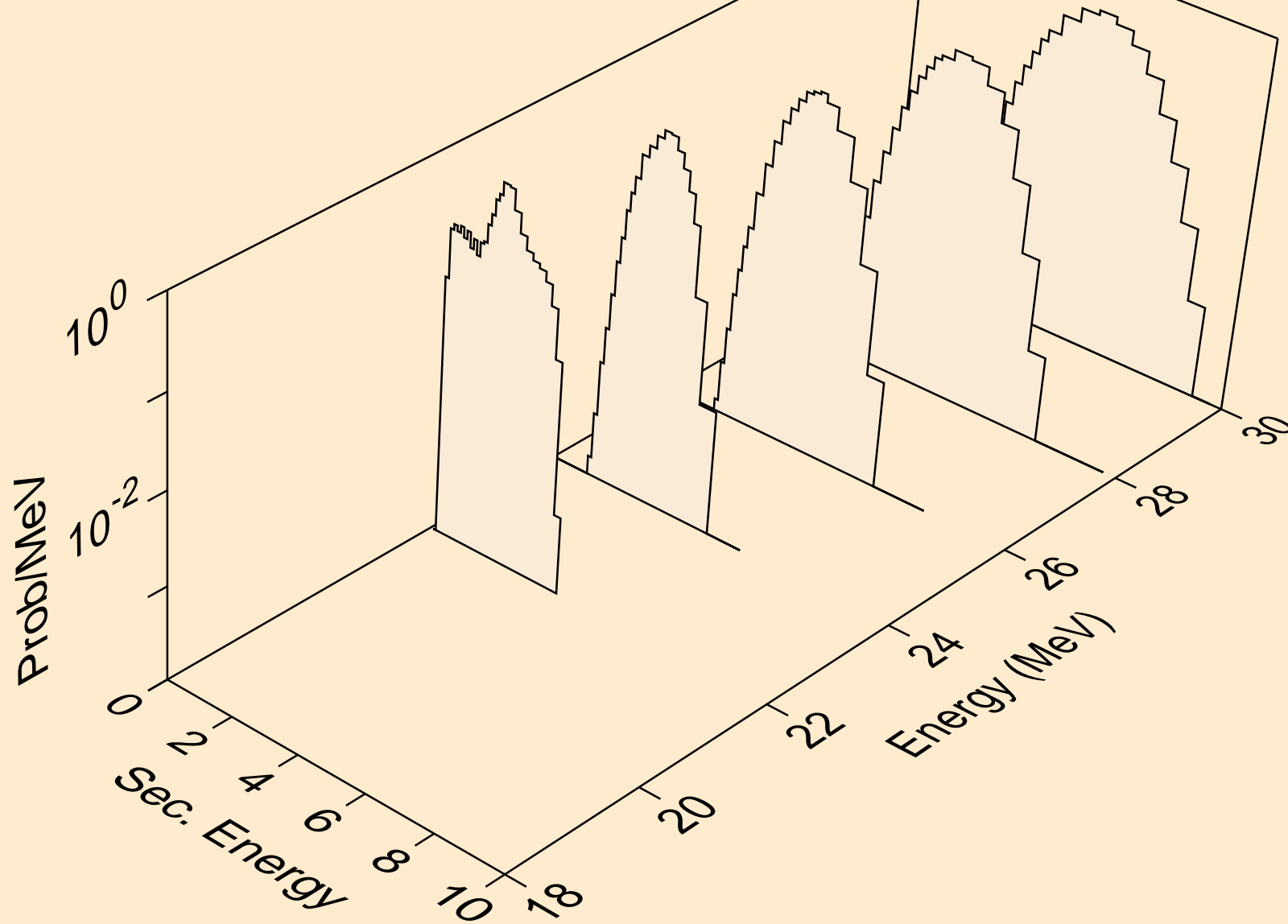
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



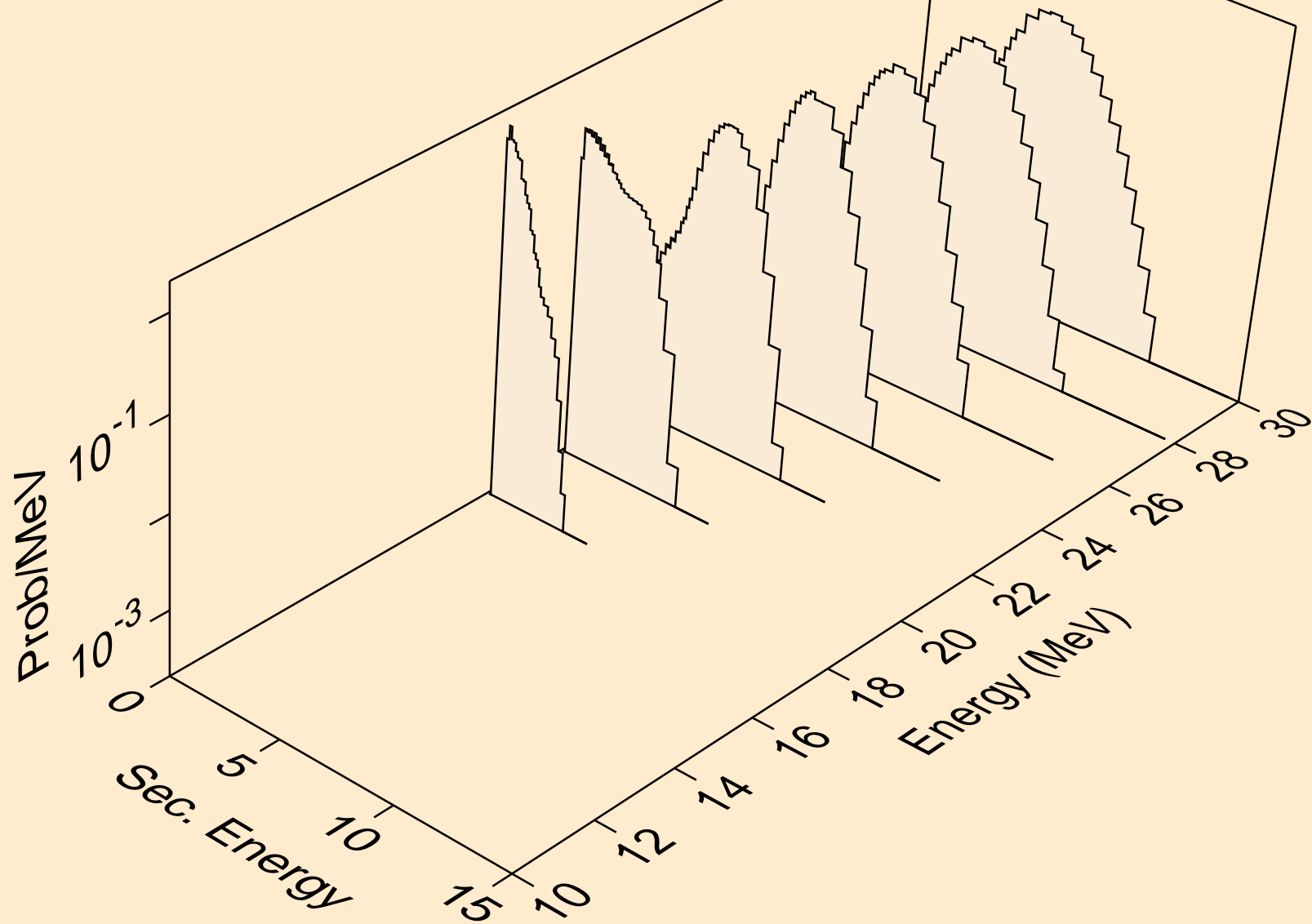
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)



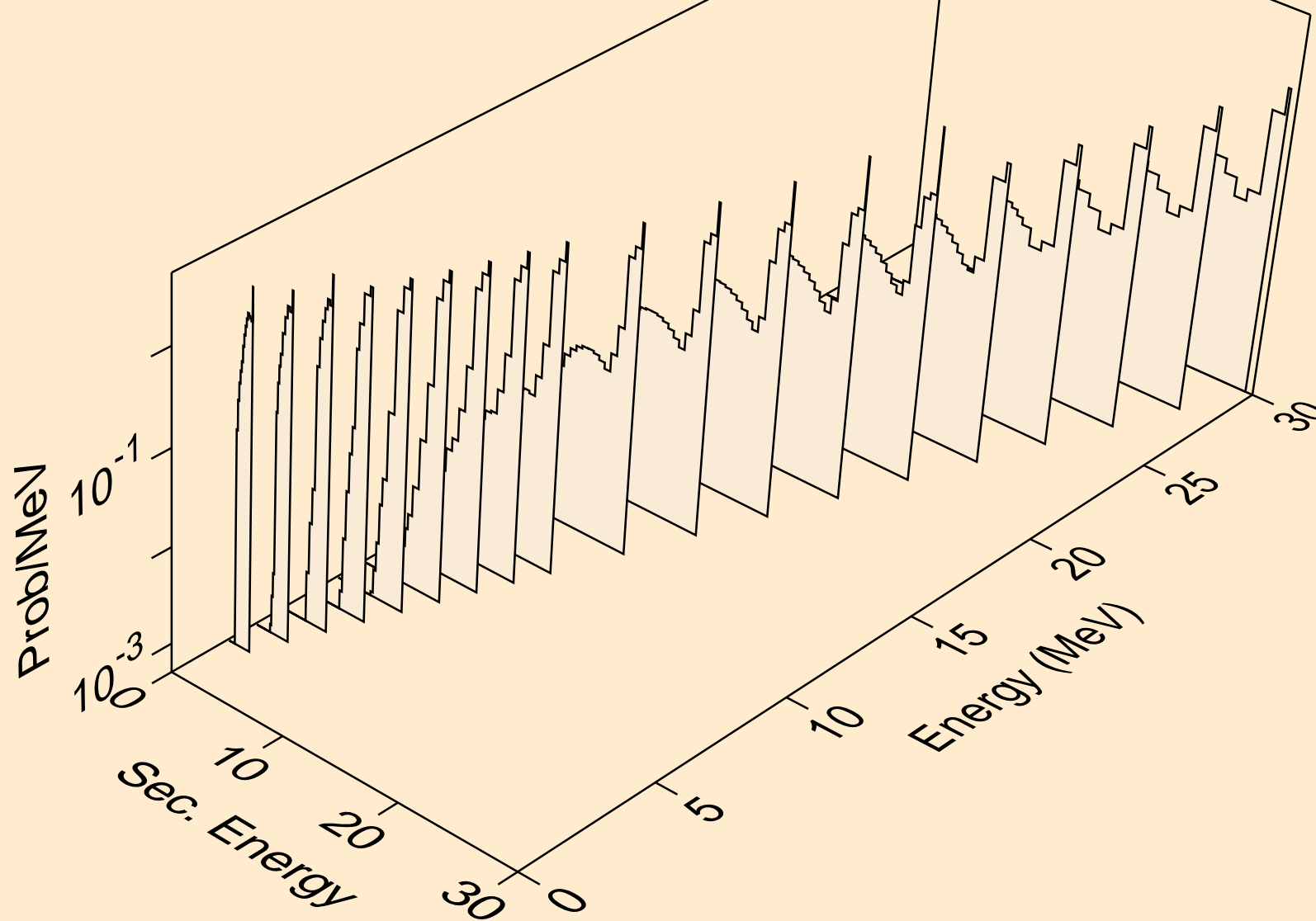
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



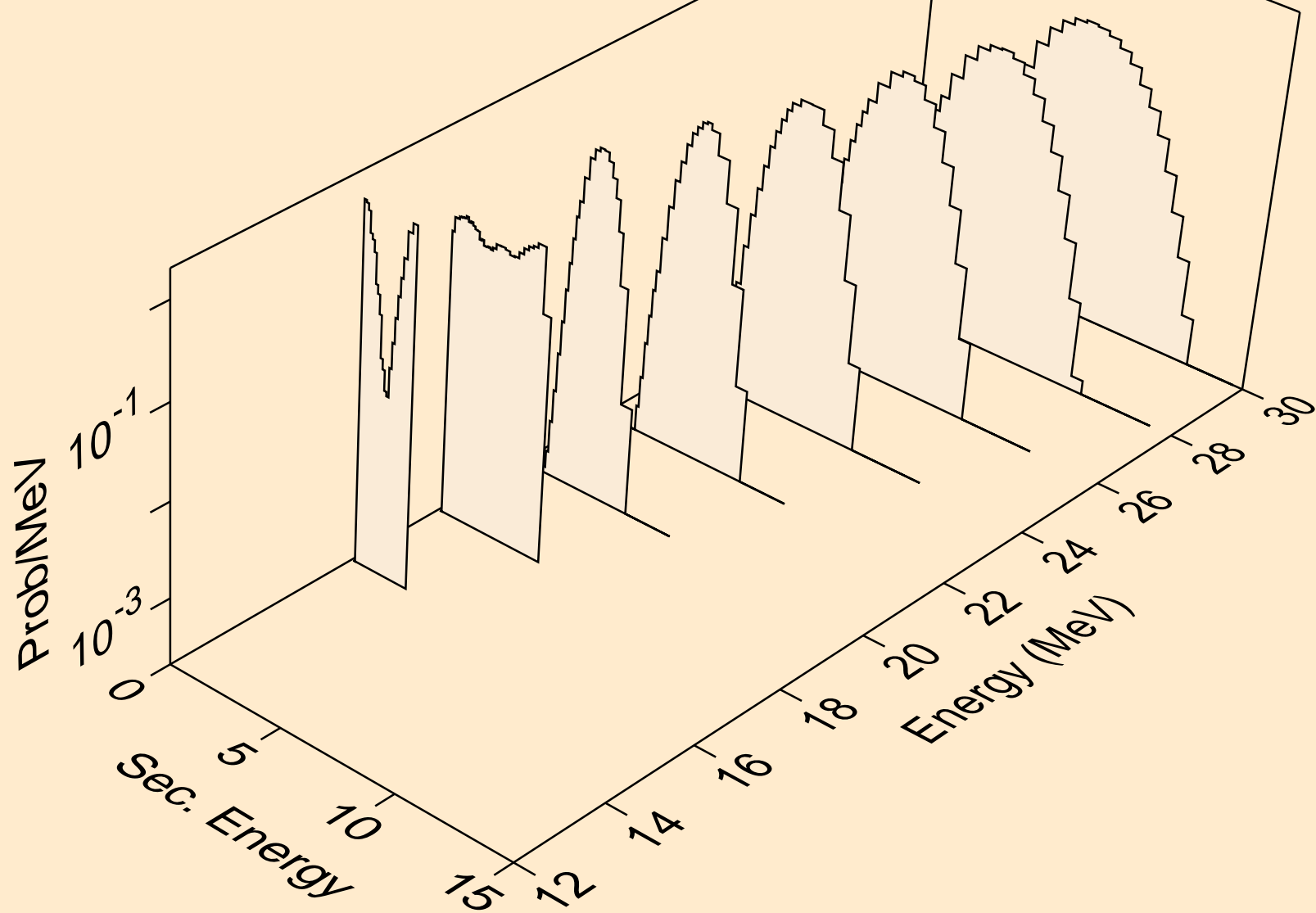
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)



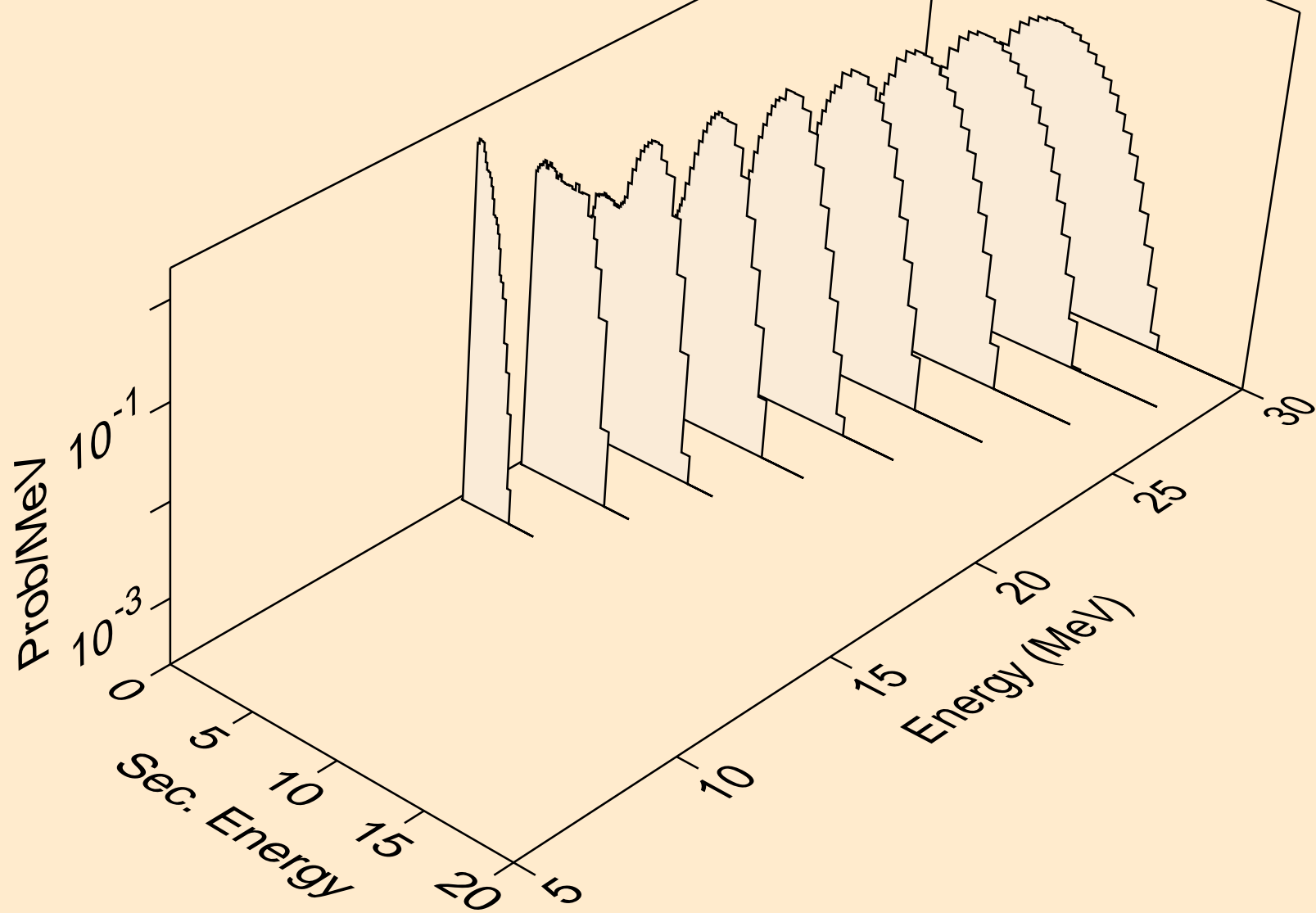
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



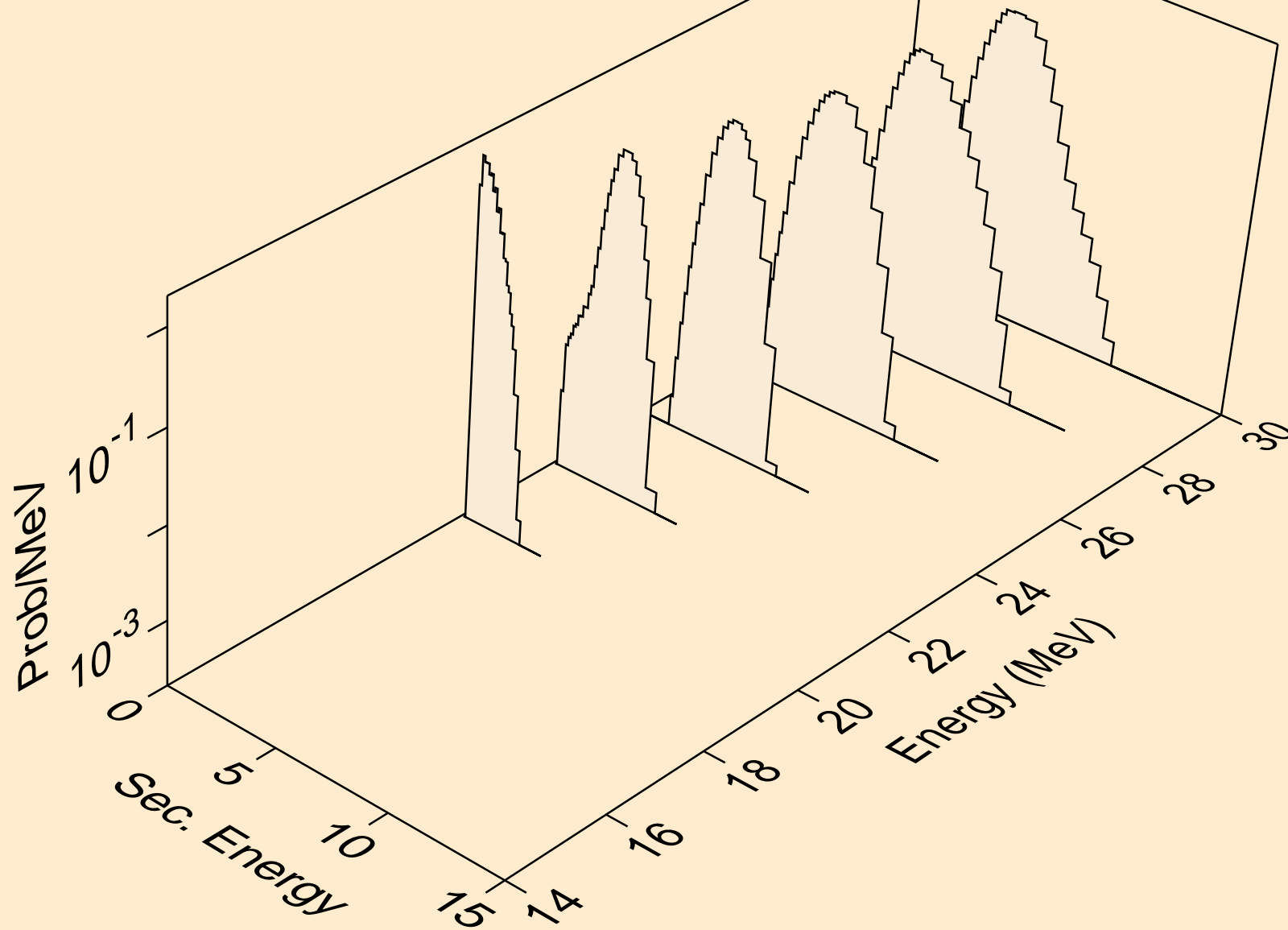
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2p)



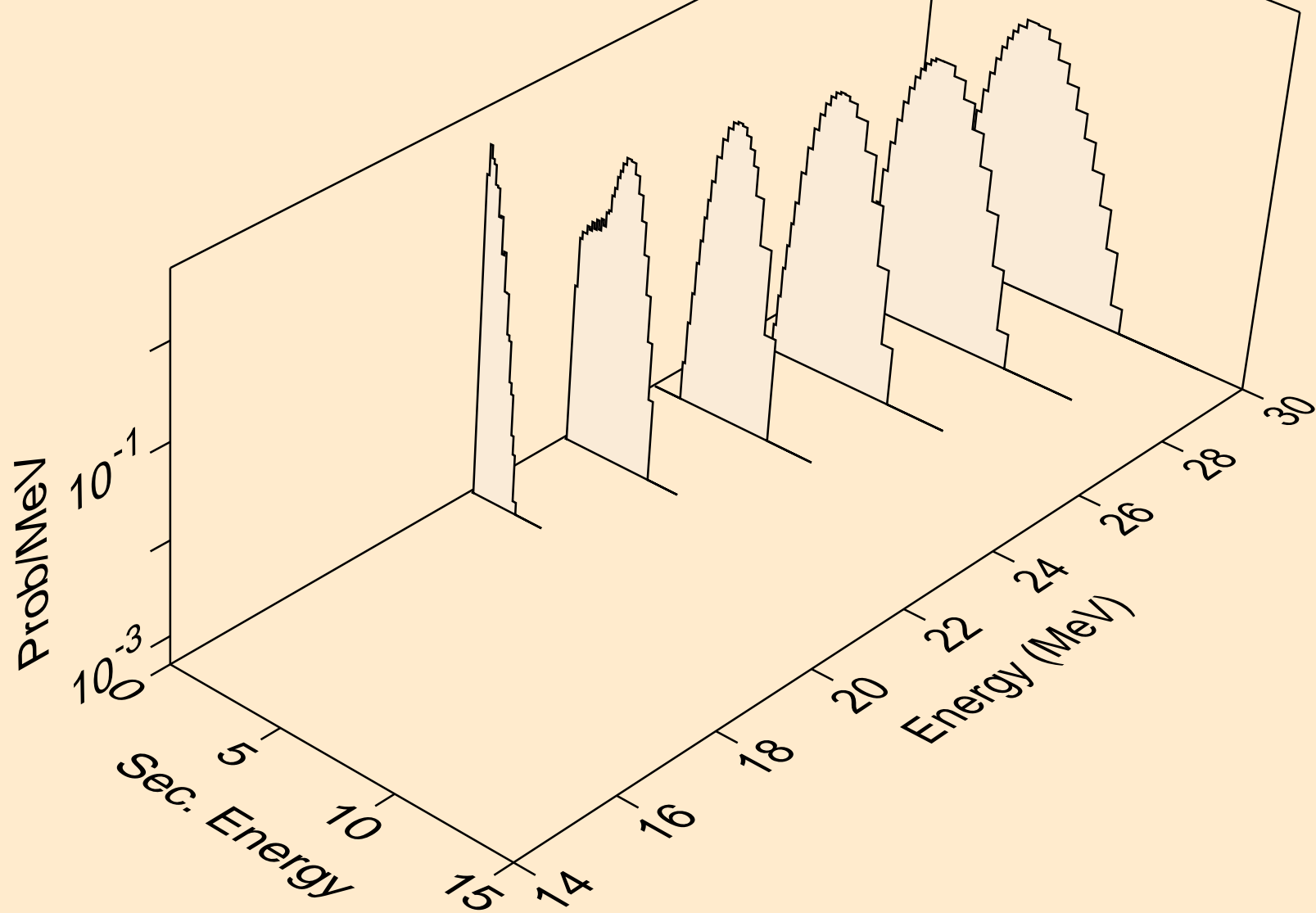
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pa)



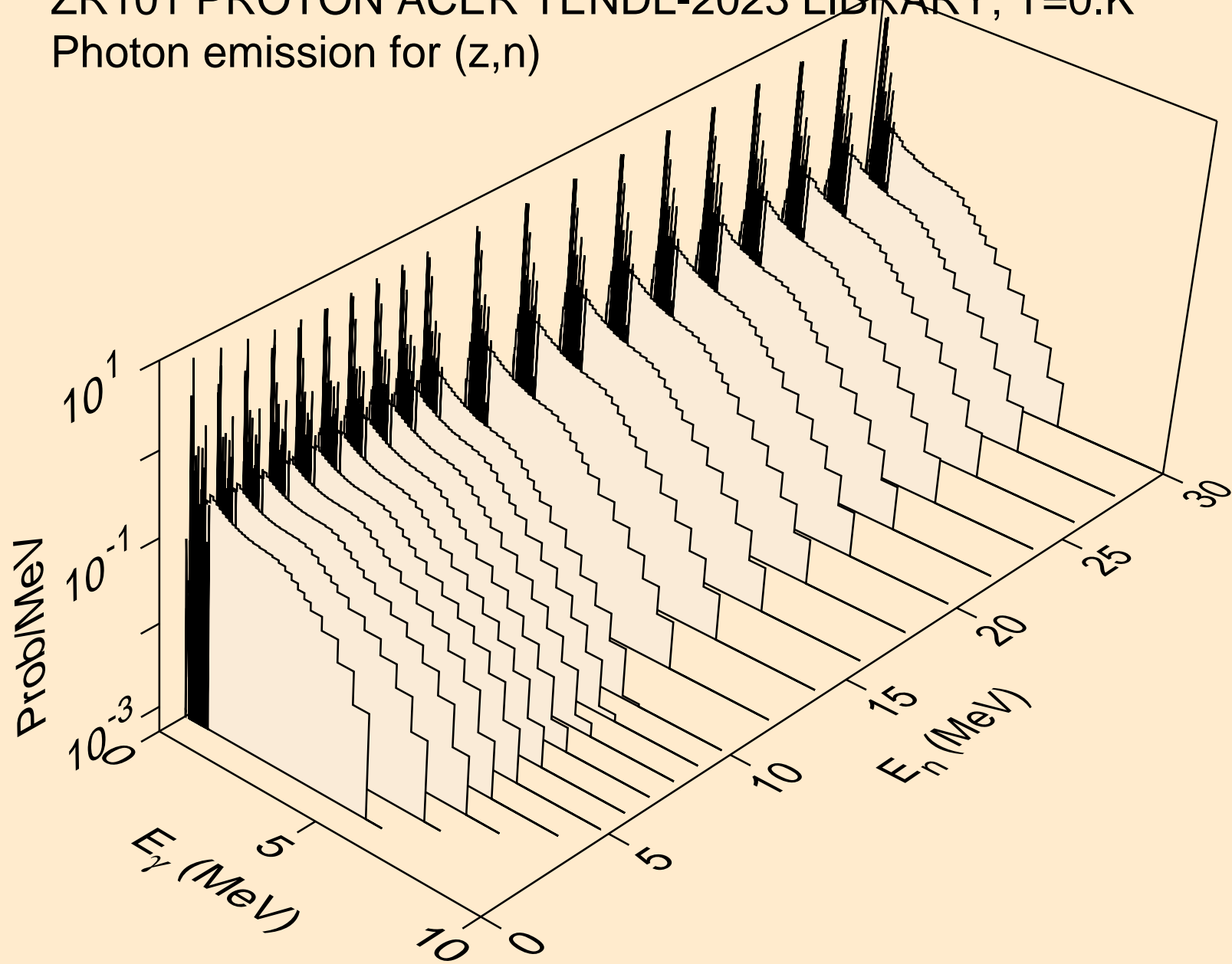
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pd)



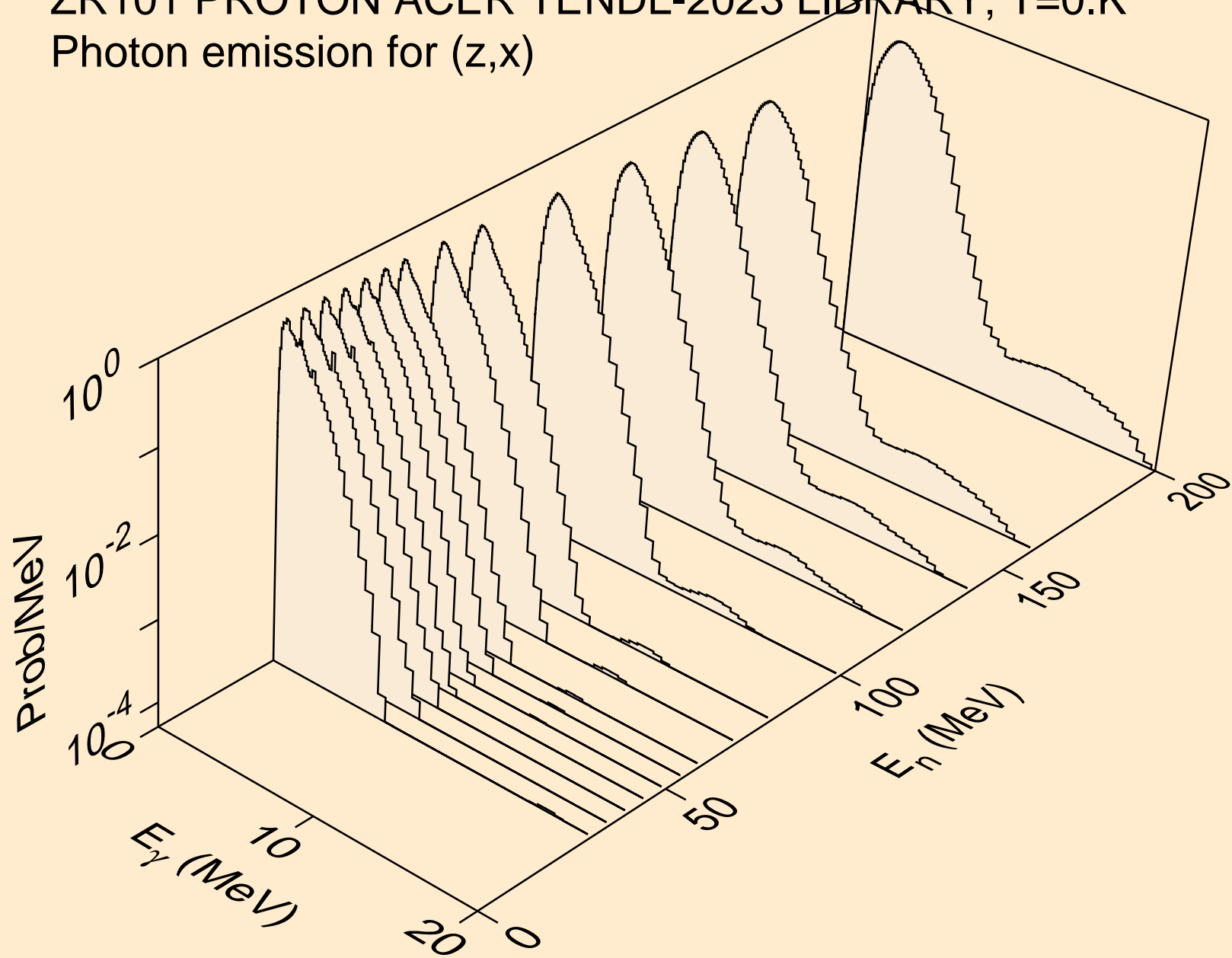
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pt)



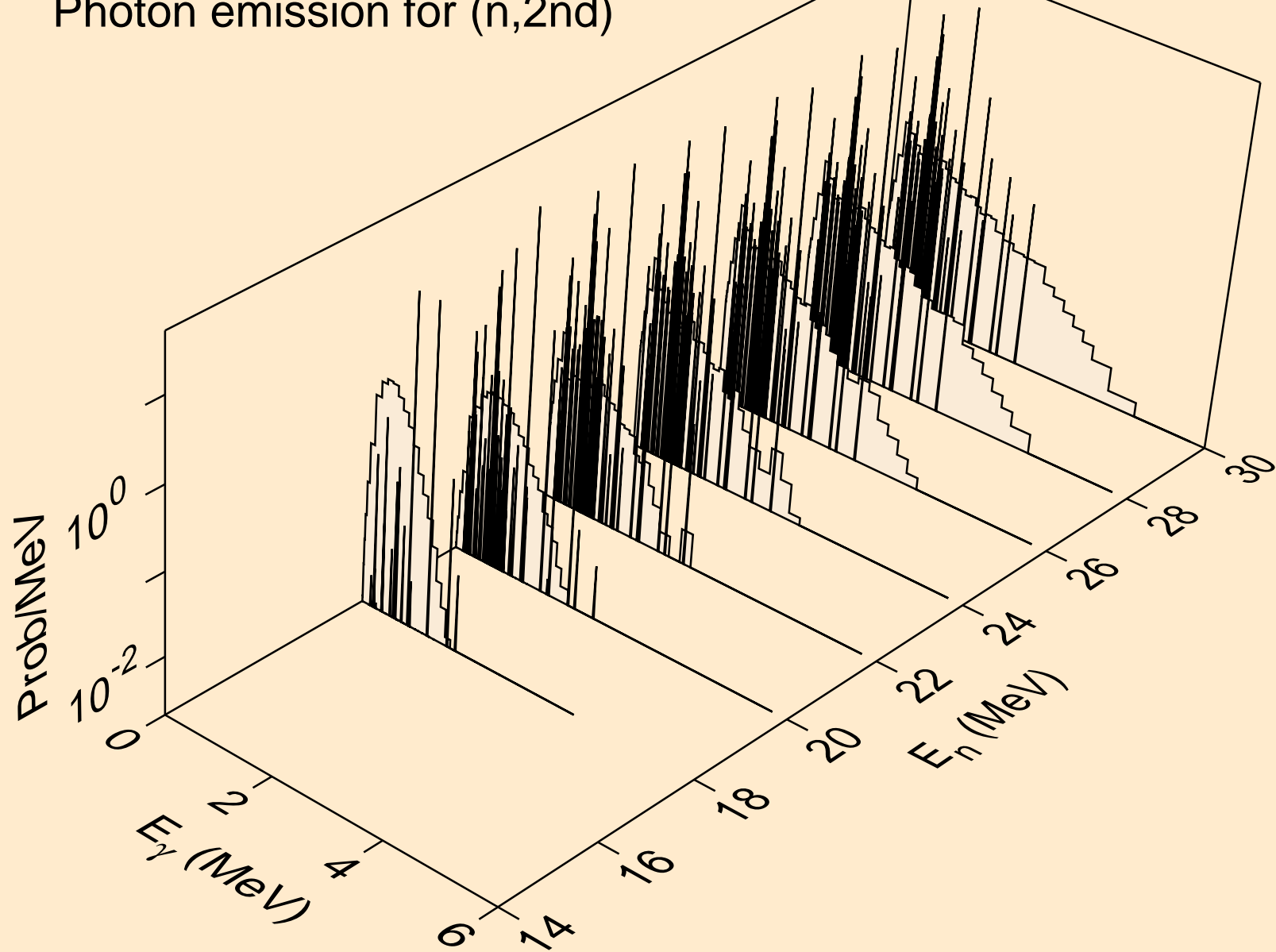
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



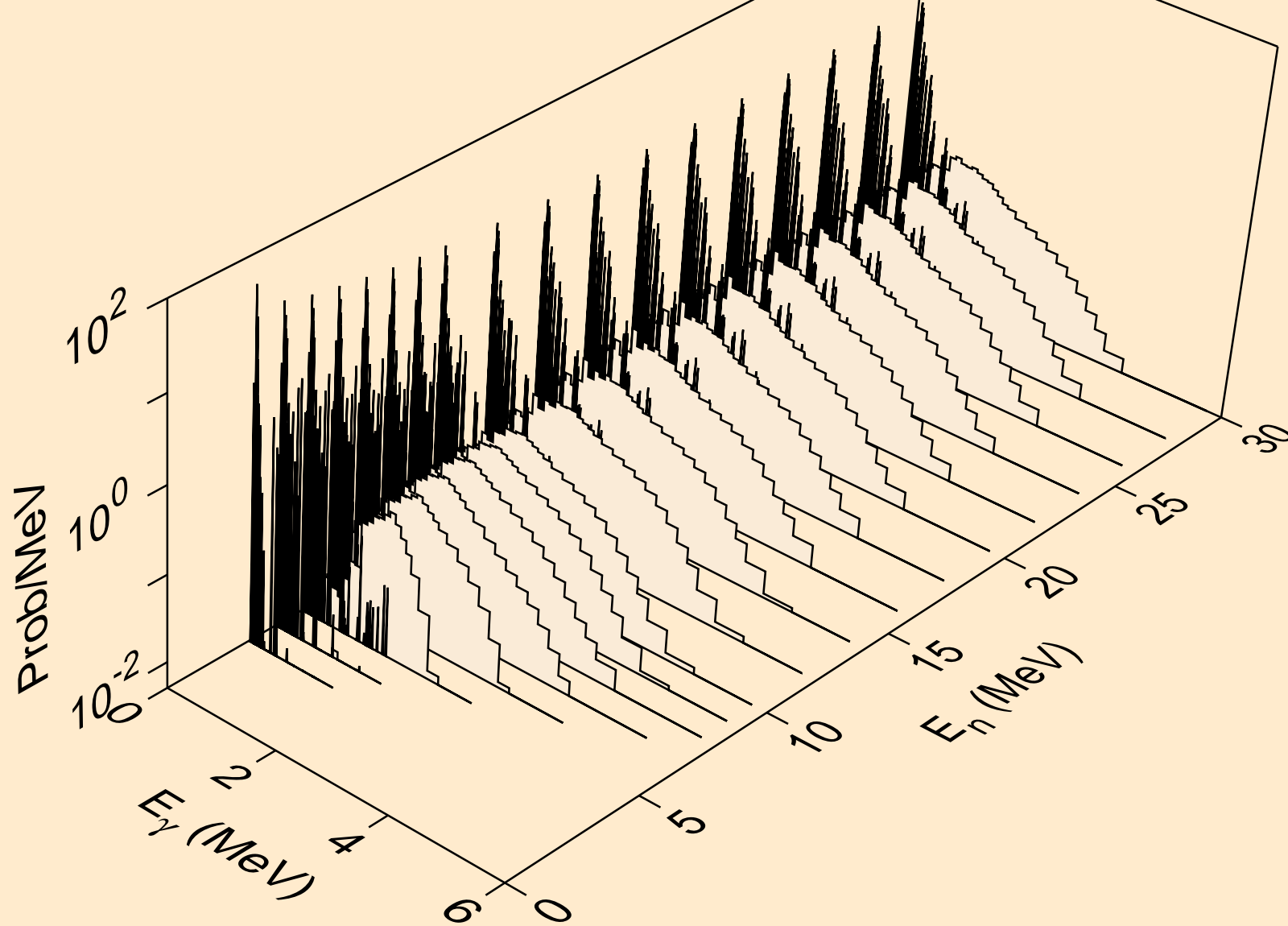
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



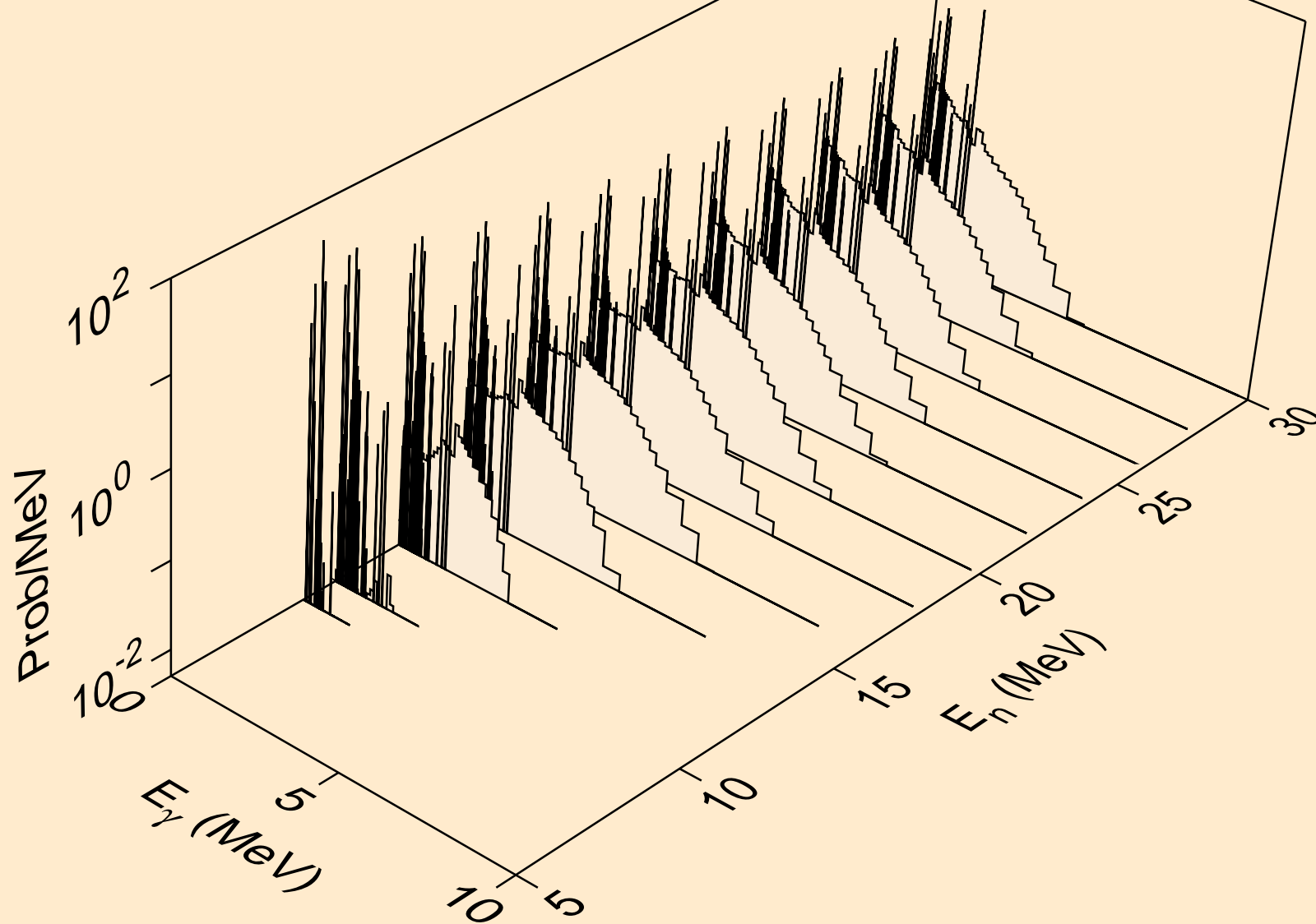
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



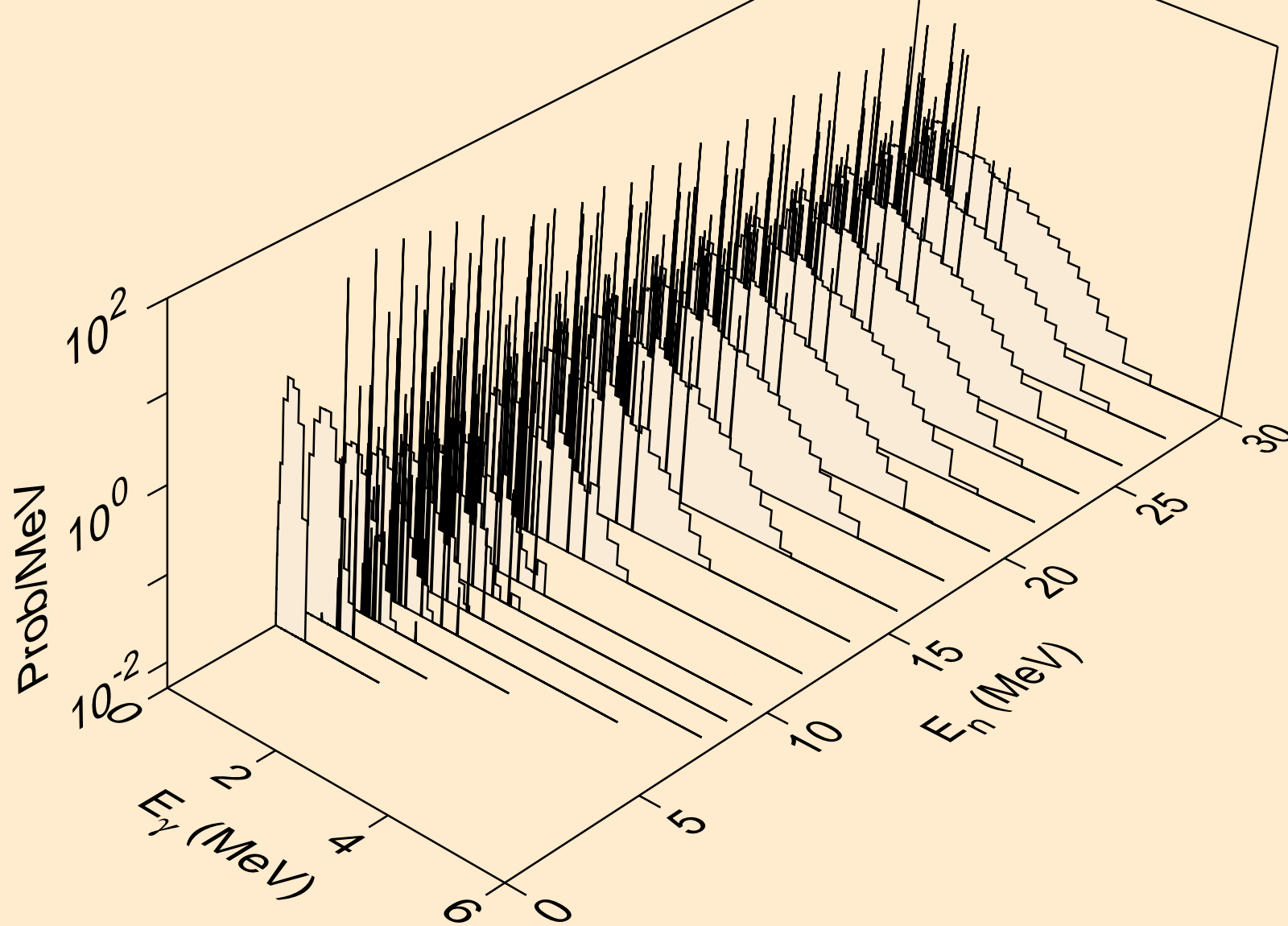
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



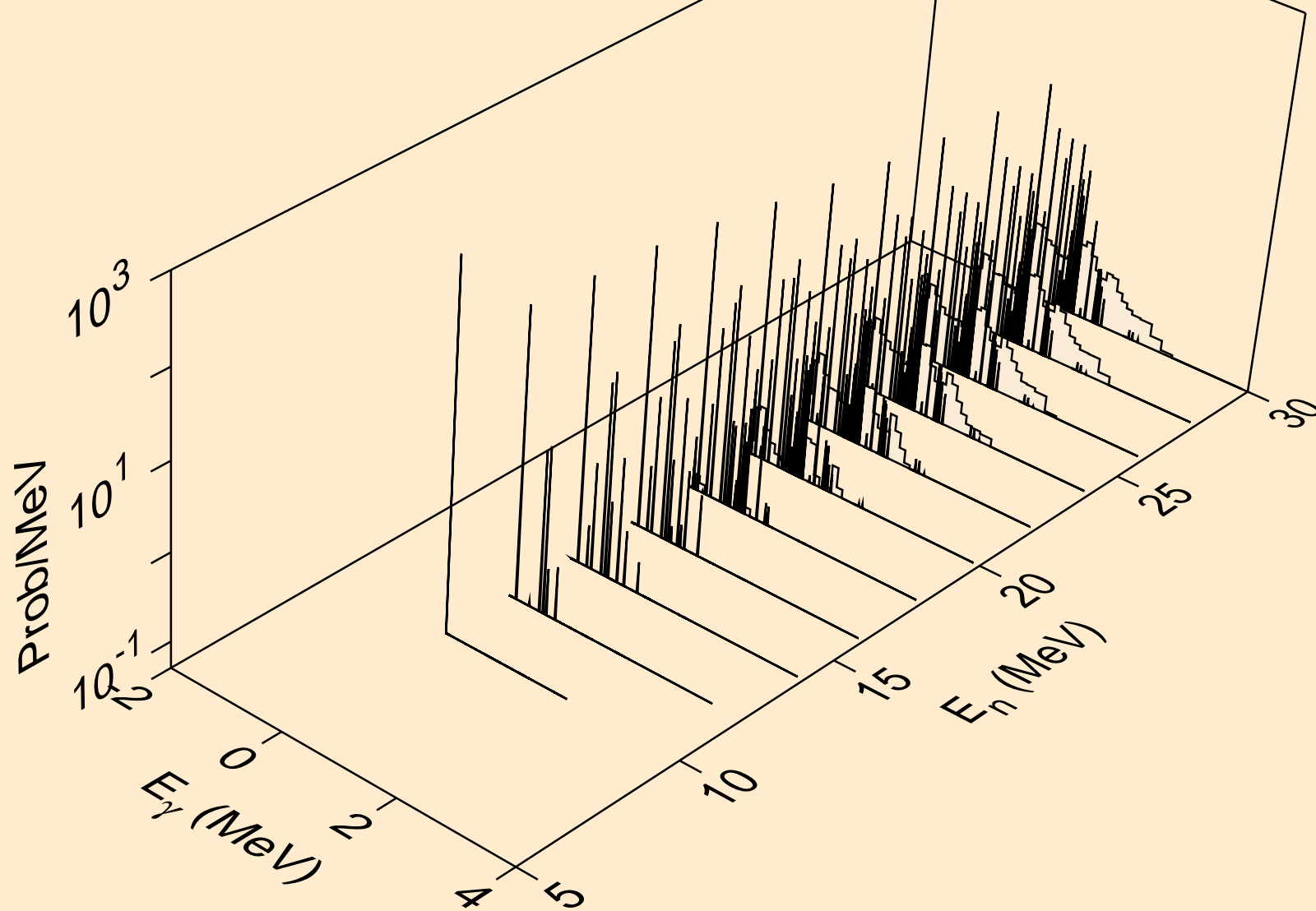
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



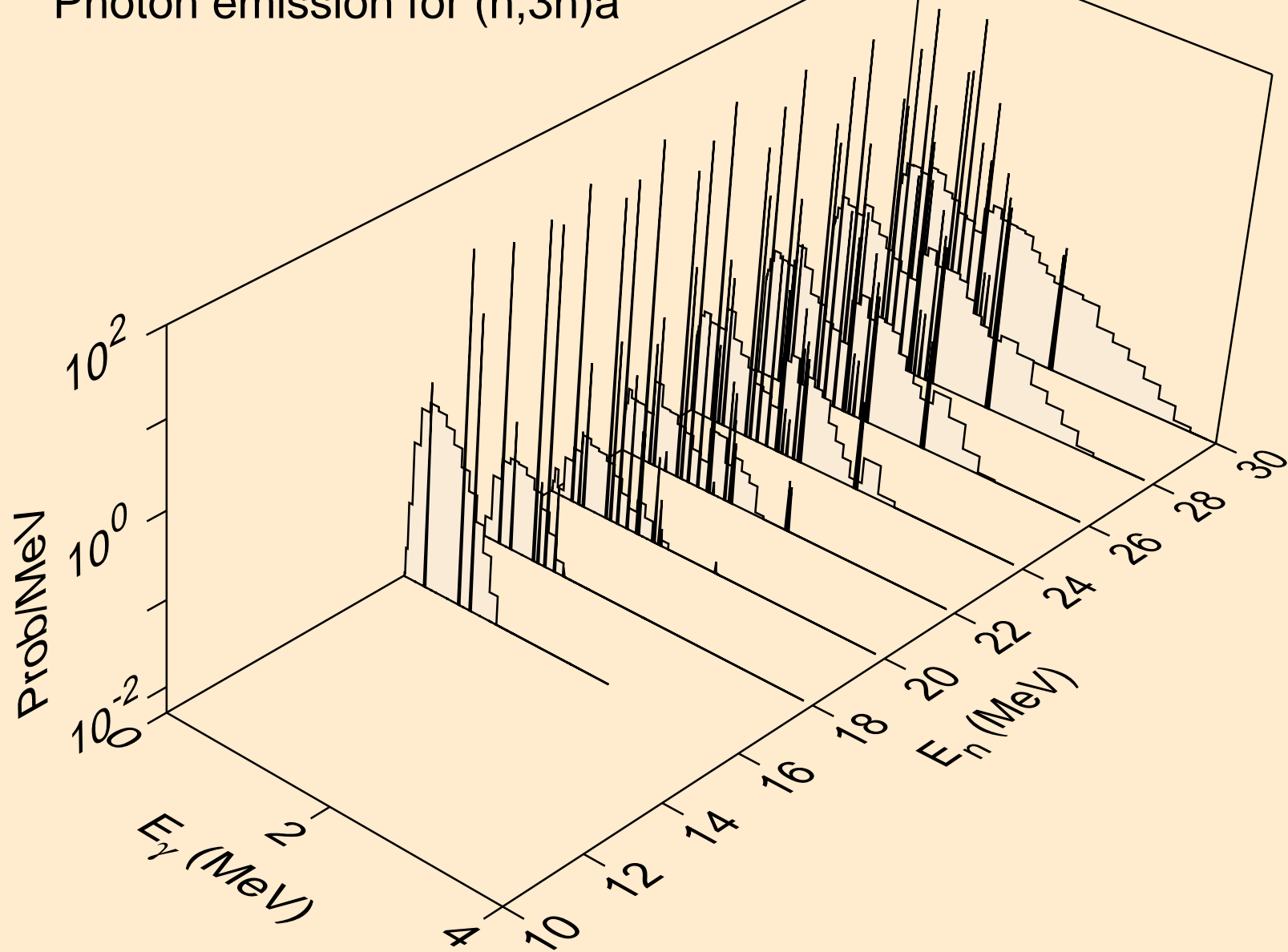
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



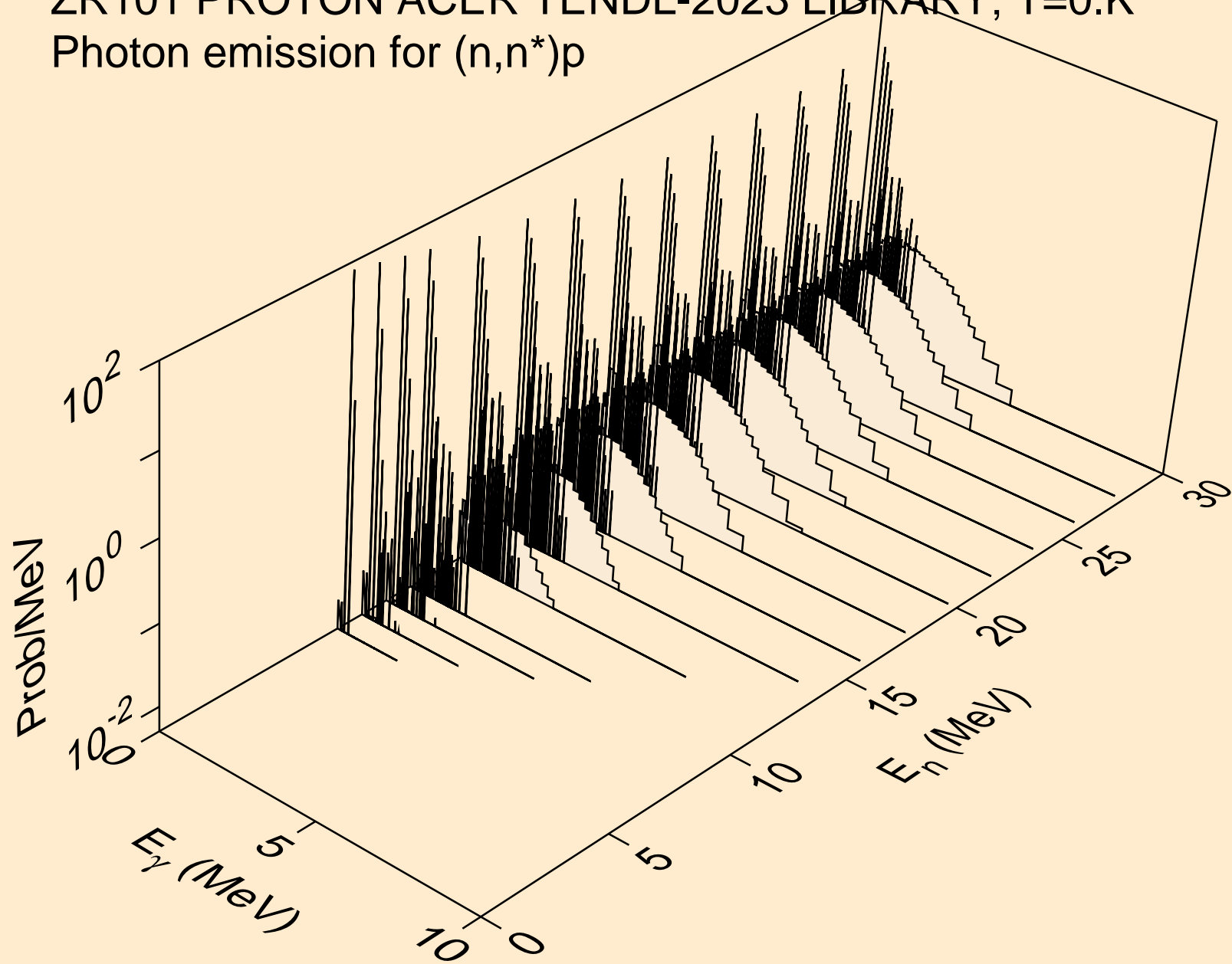
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



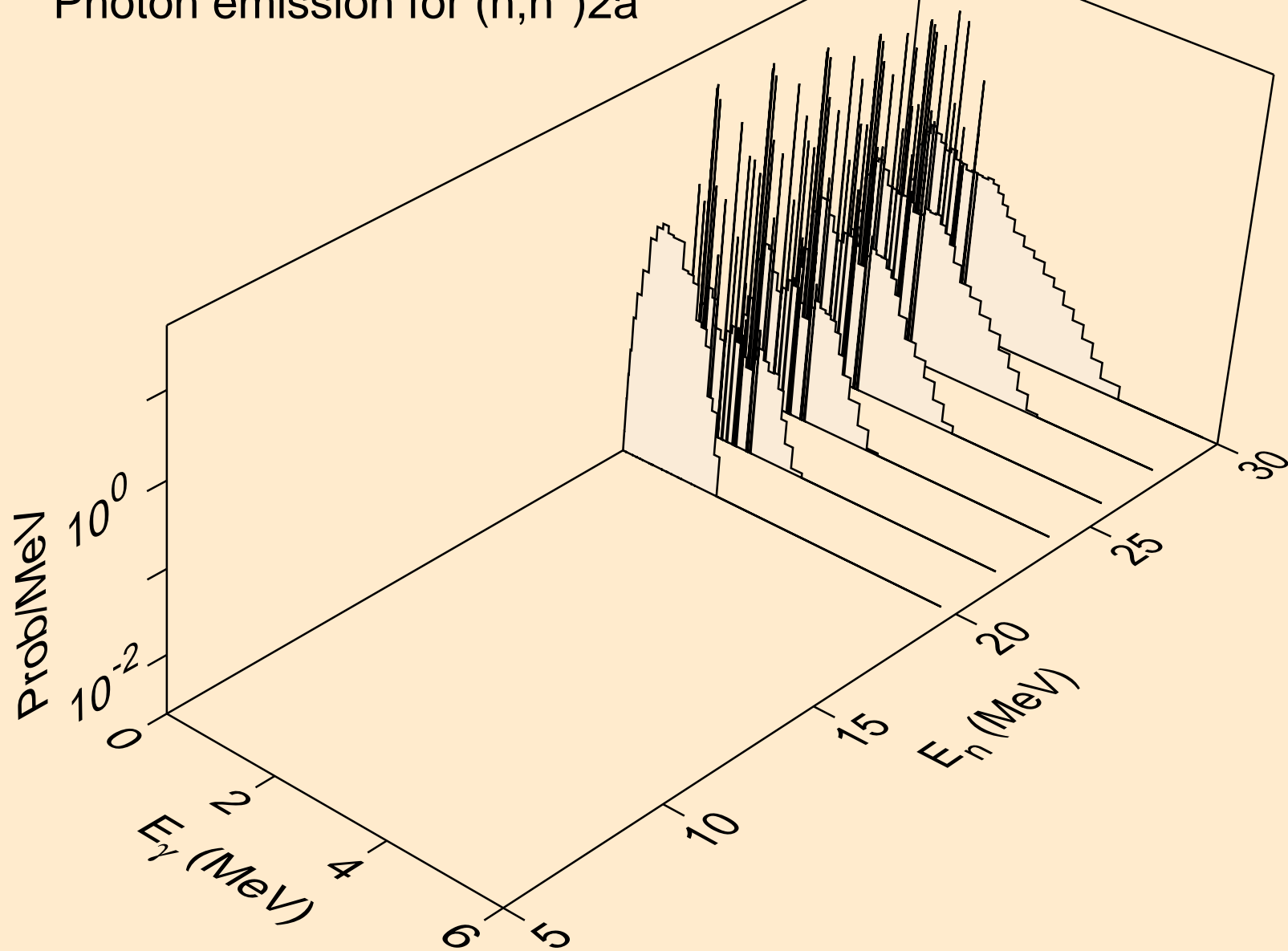
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



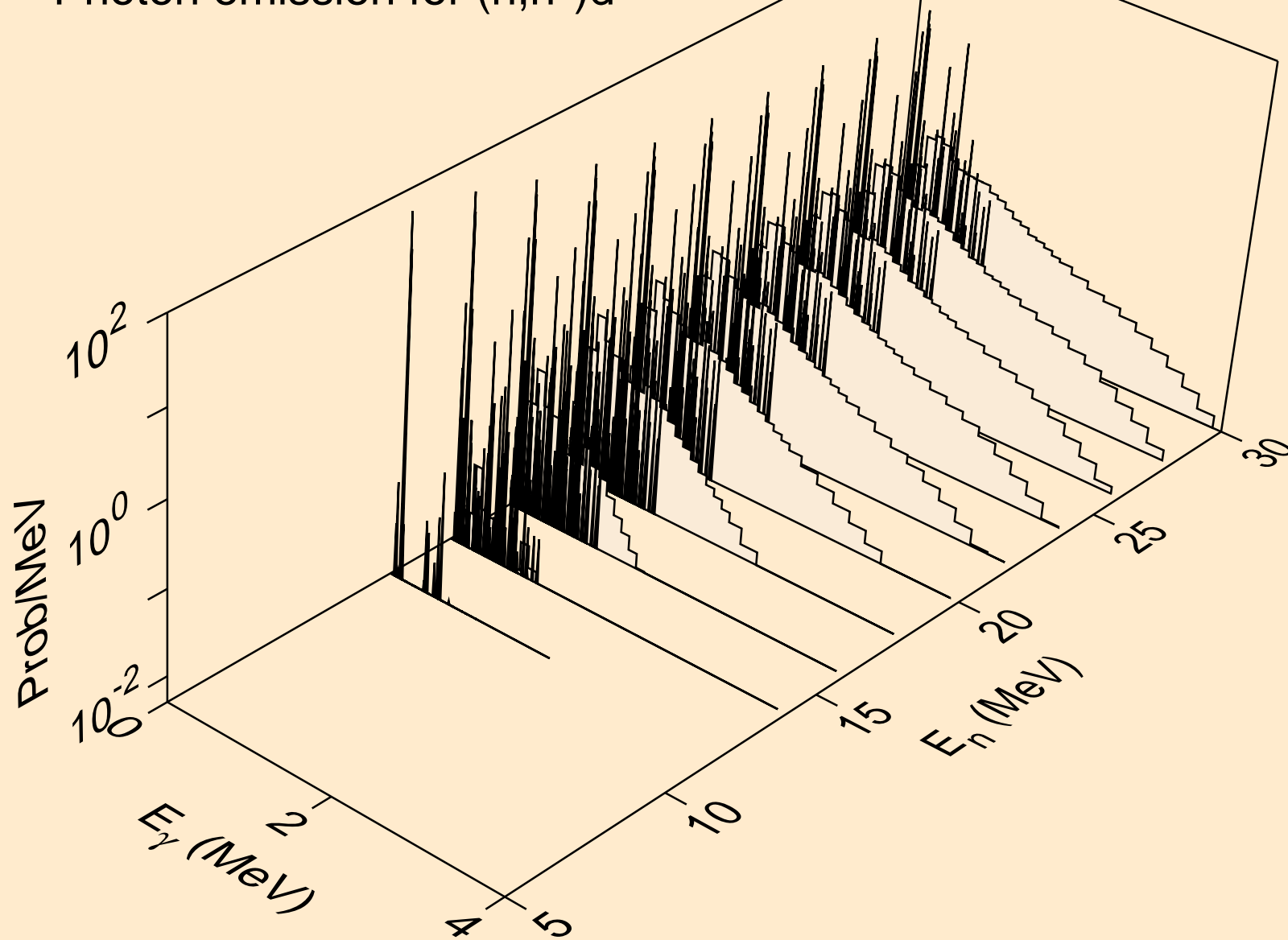
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



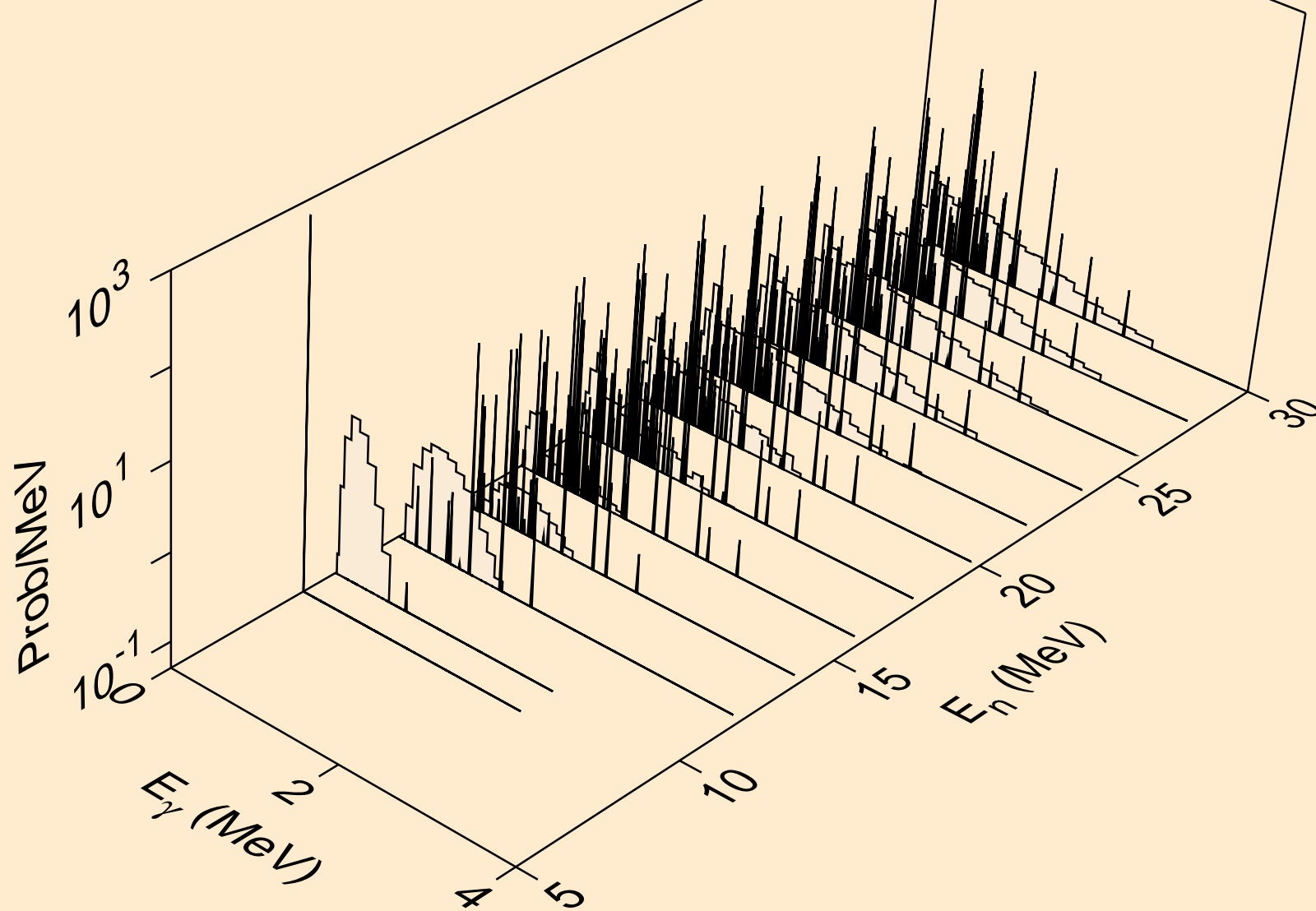
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



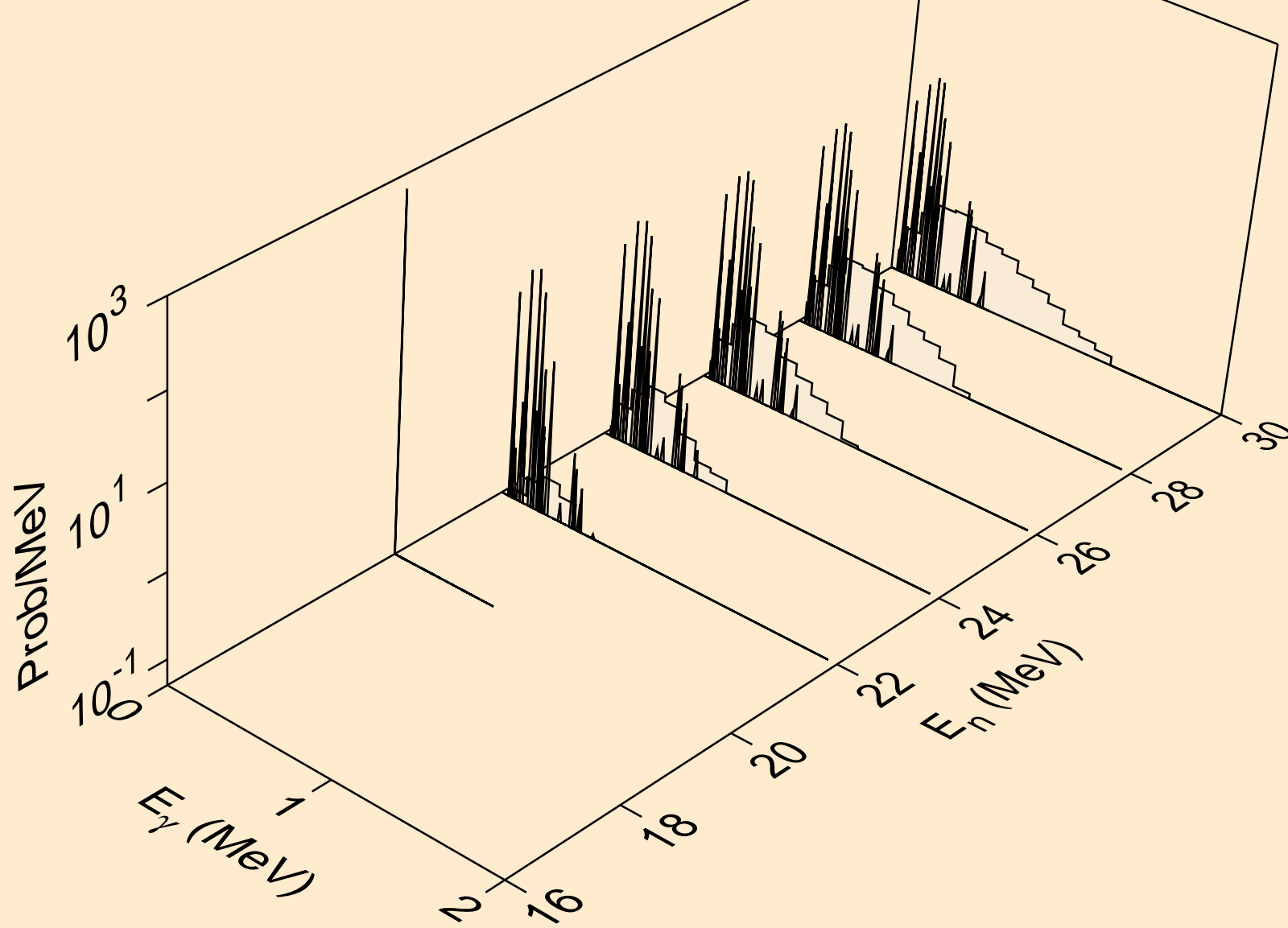
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



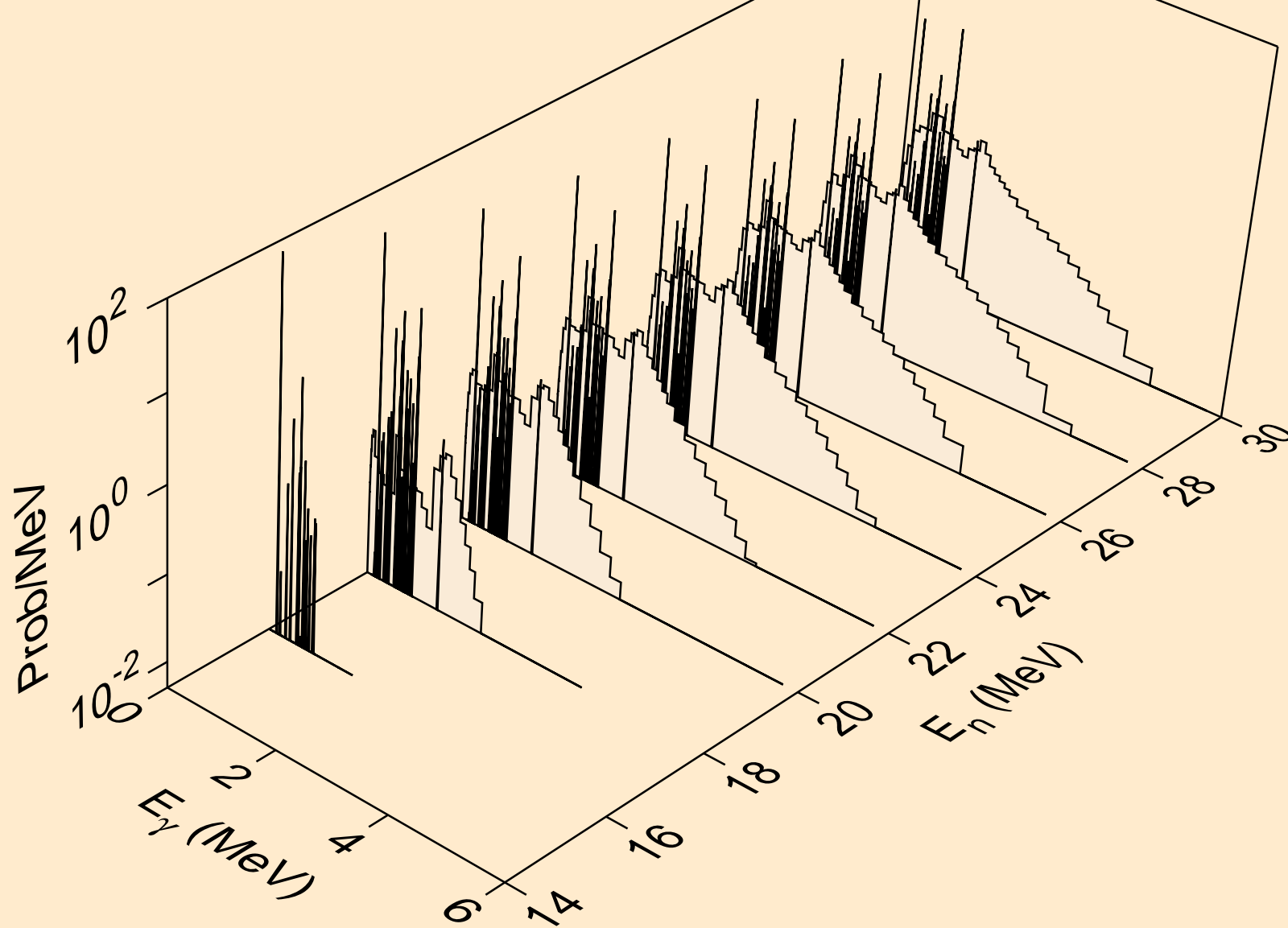
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



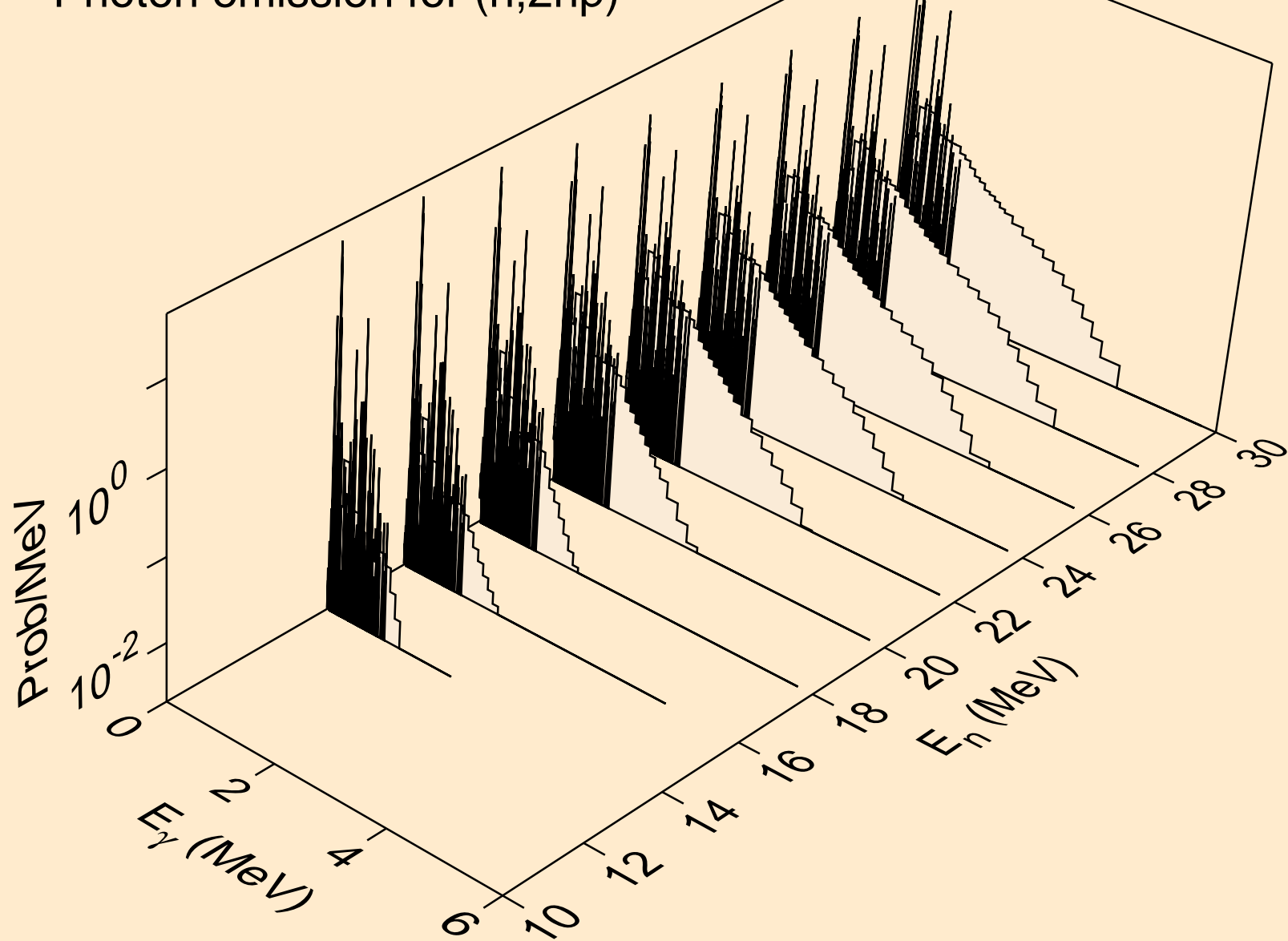
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



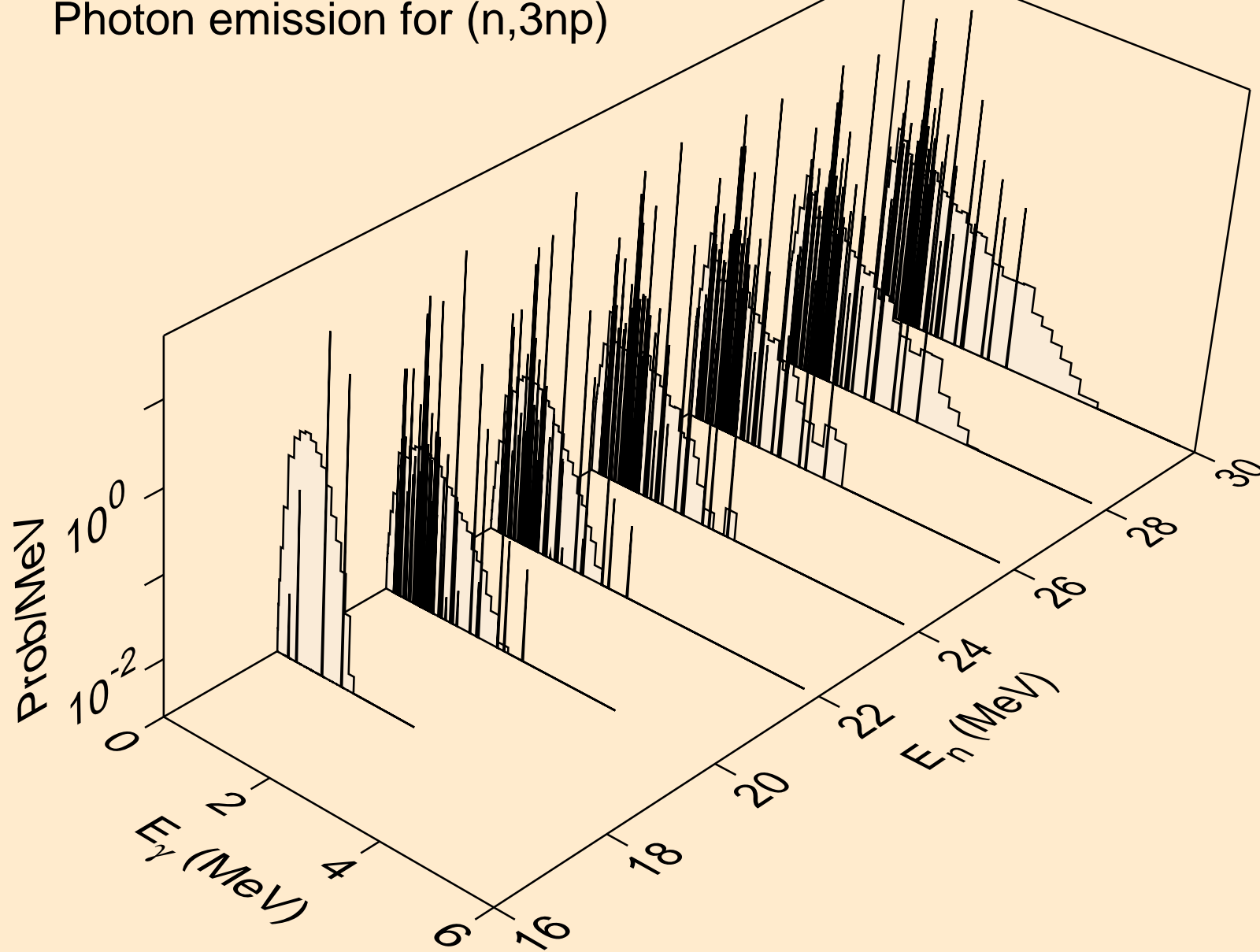
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



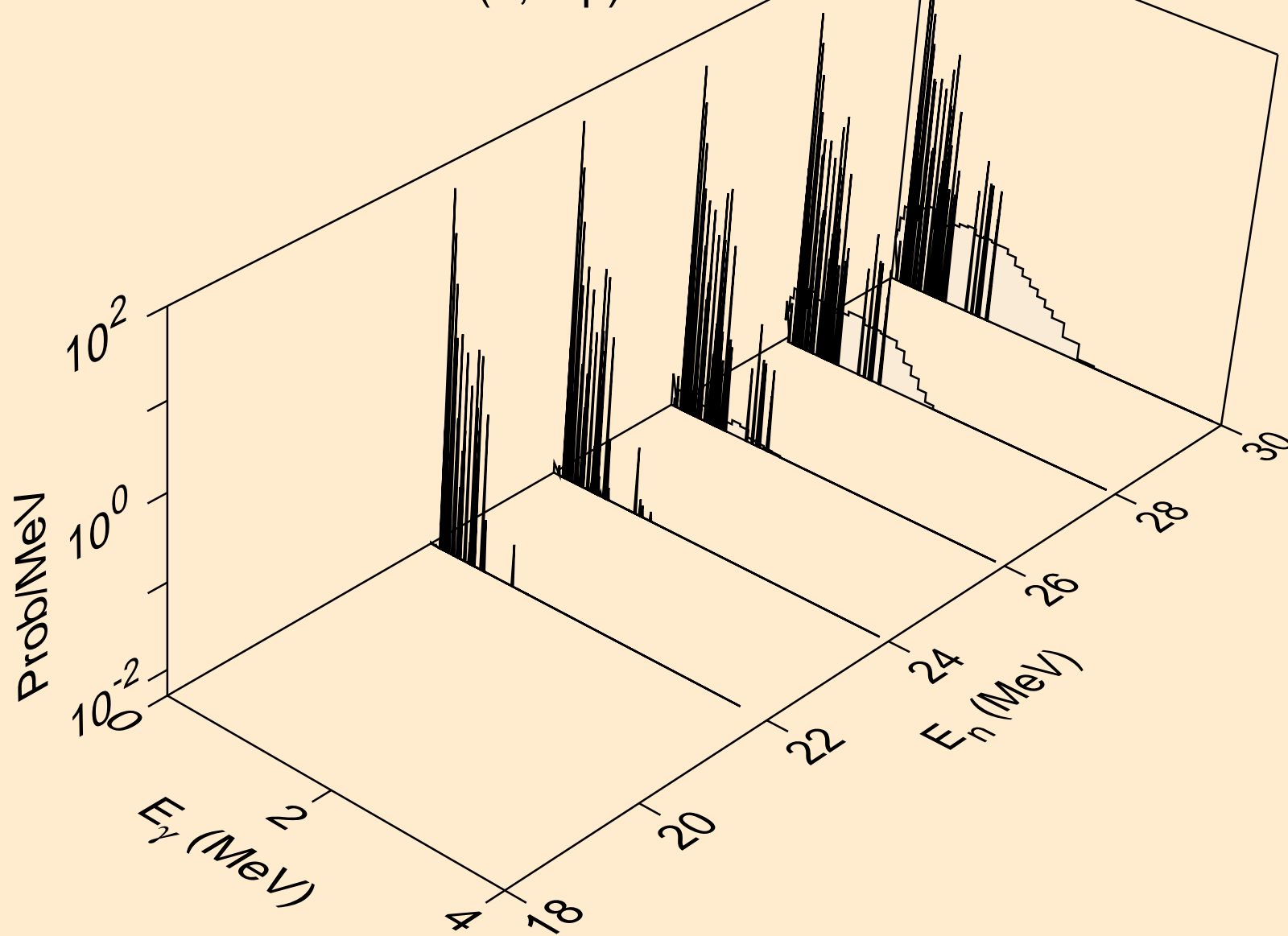
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



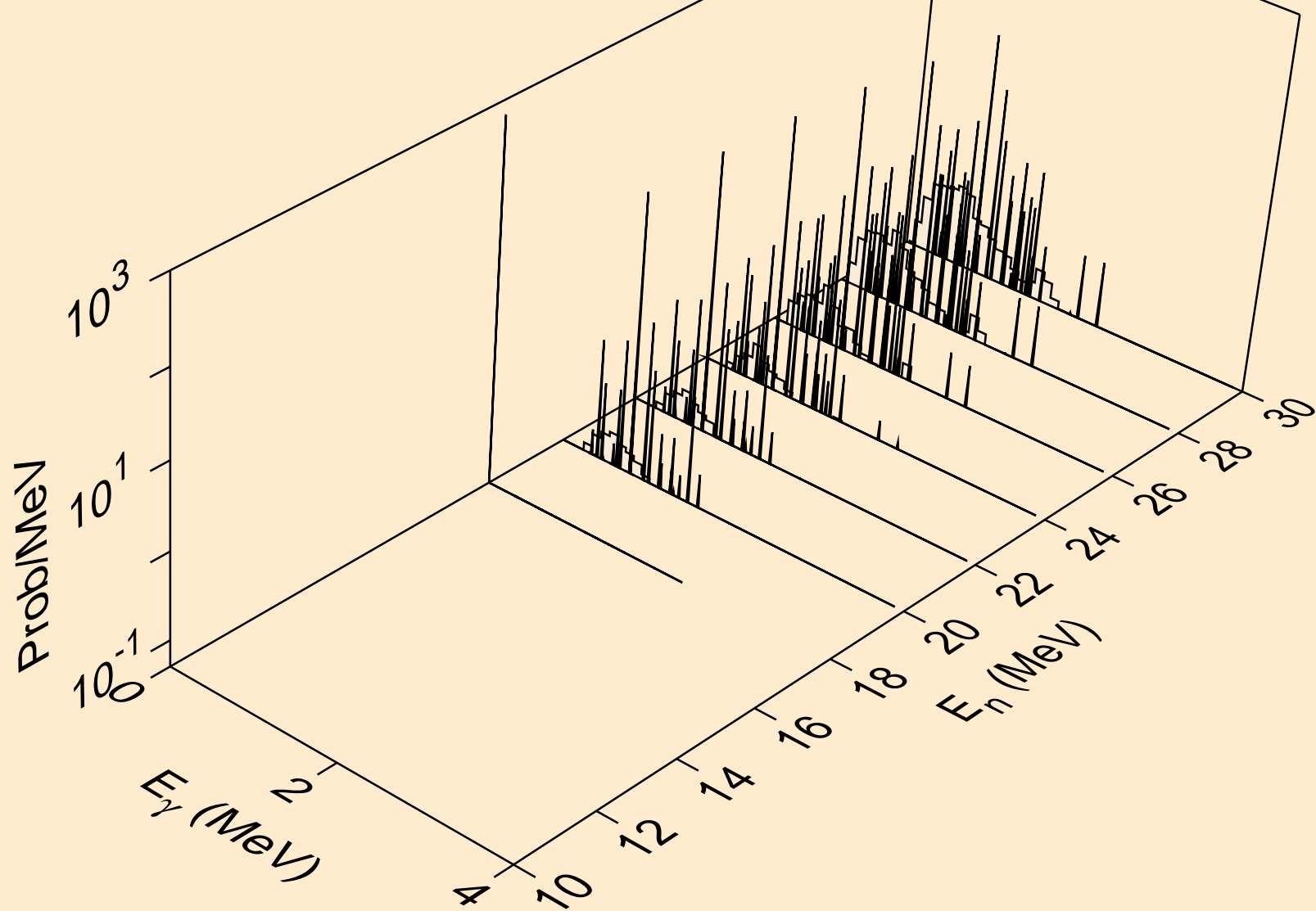
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



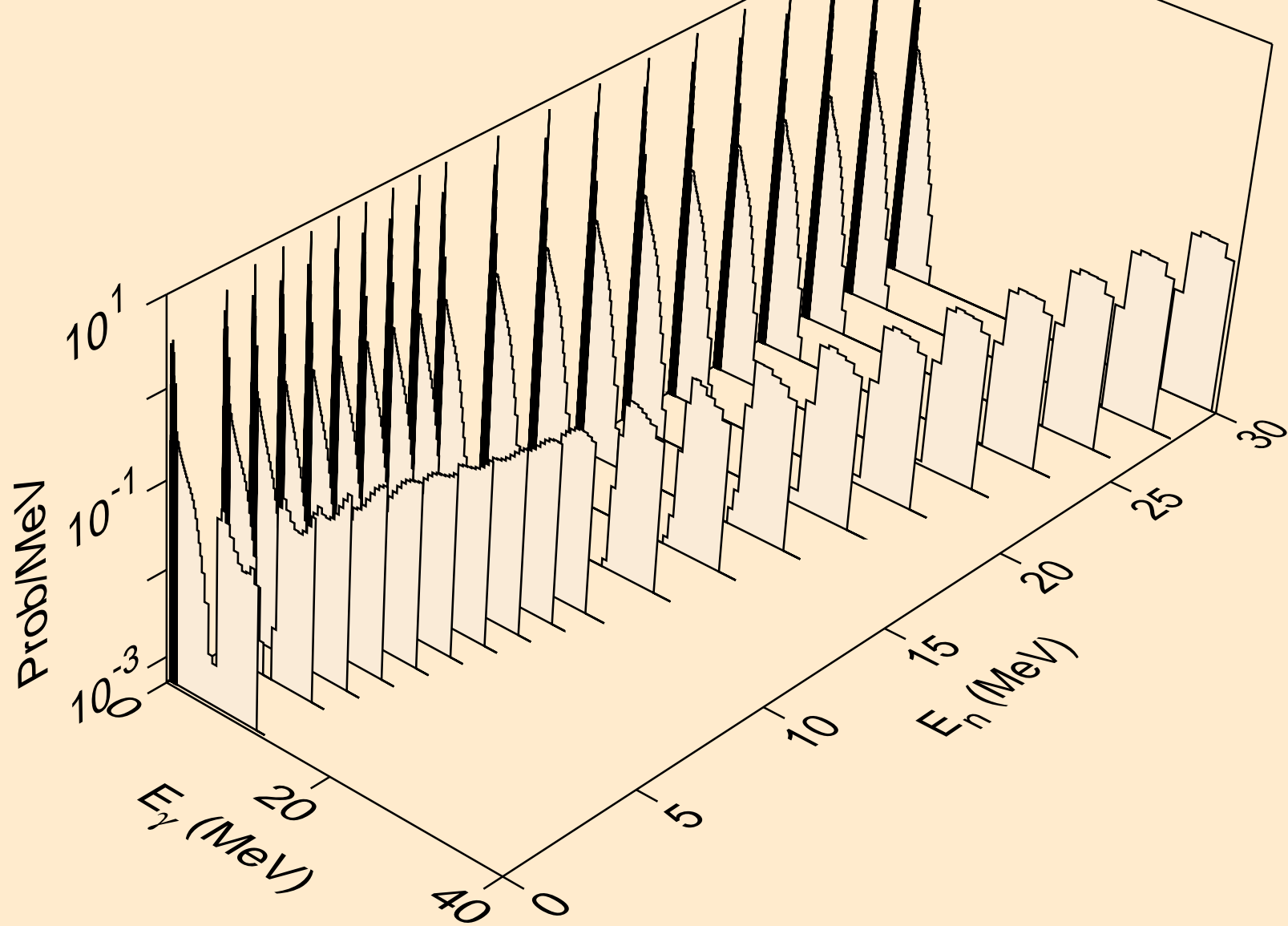
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



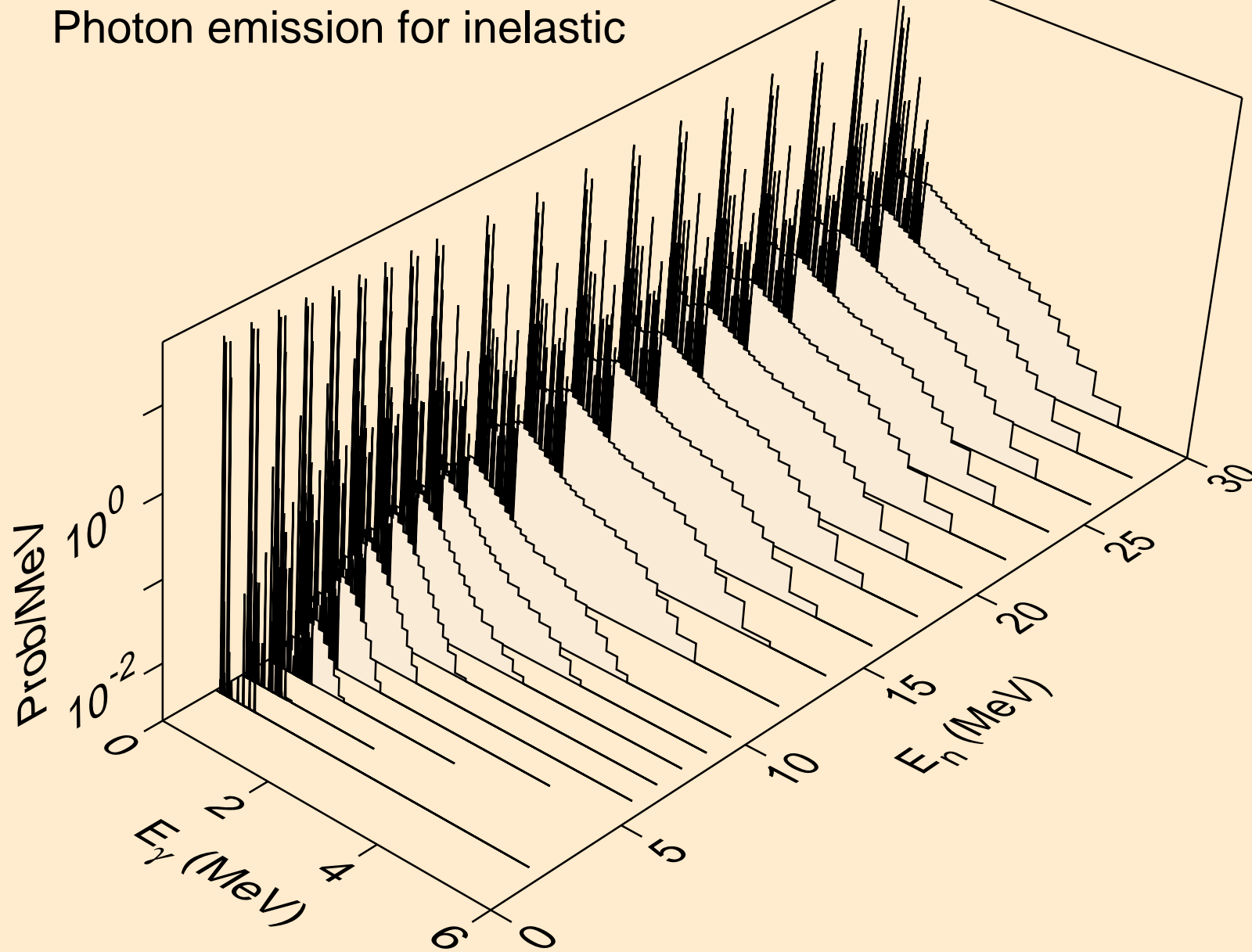
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



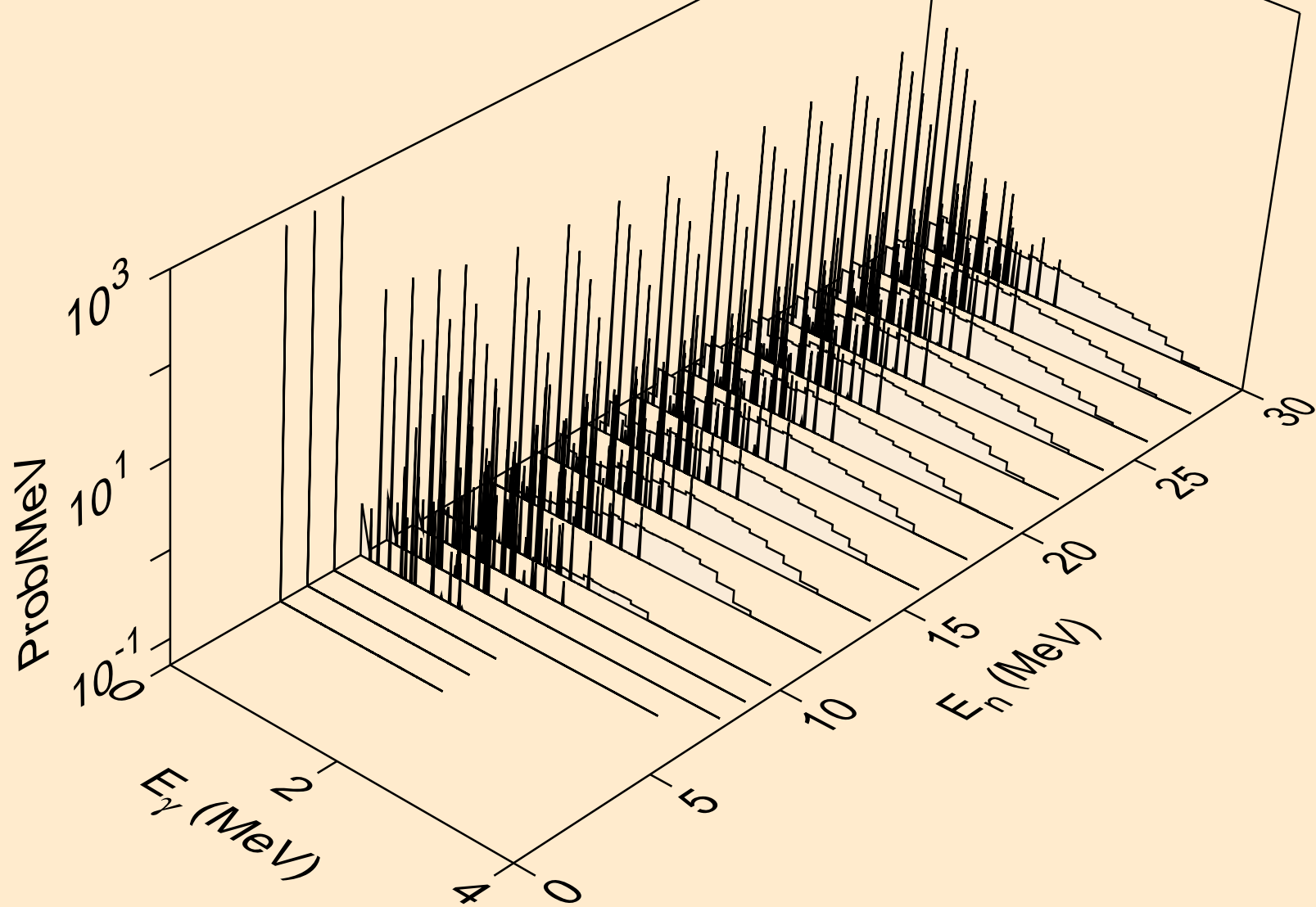
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



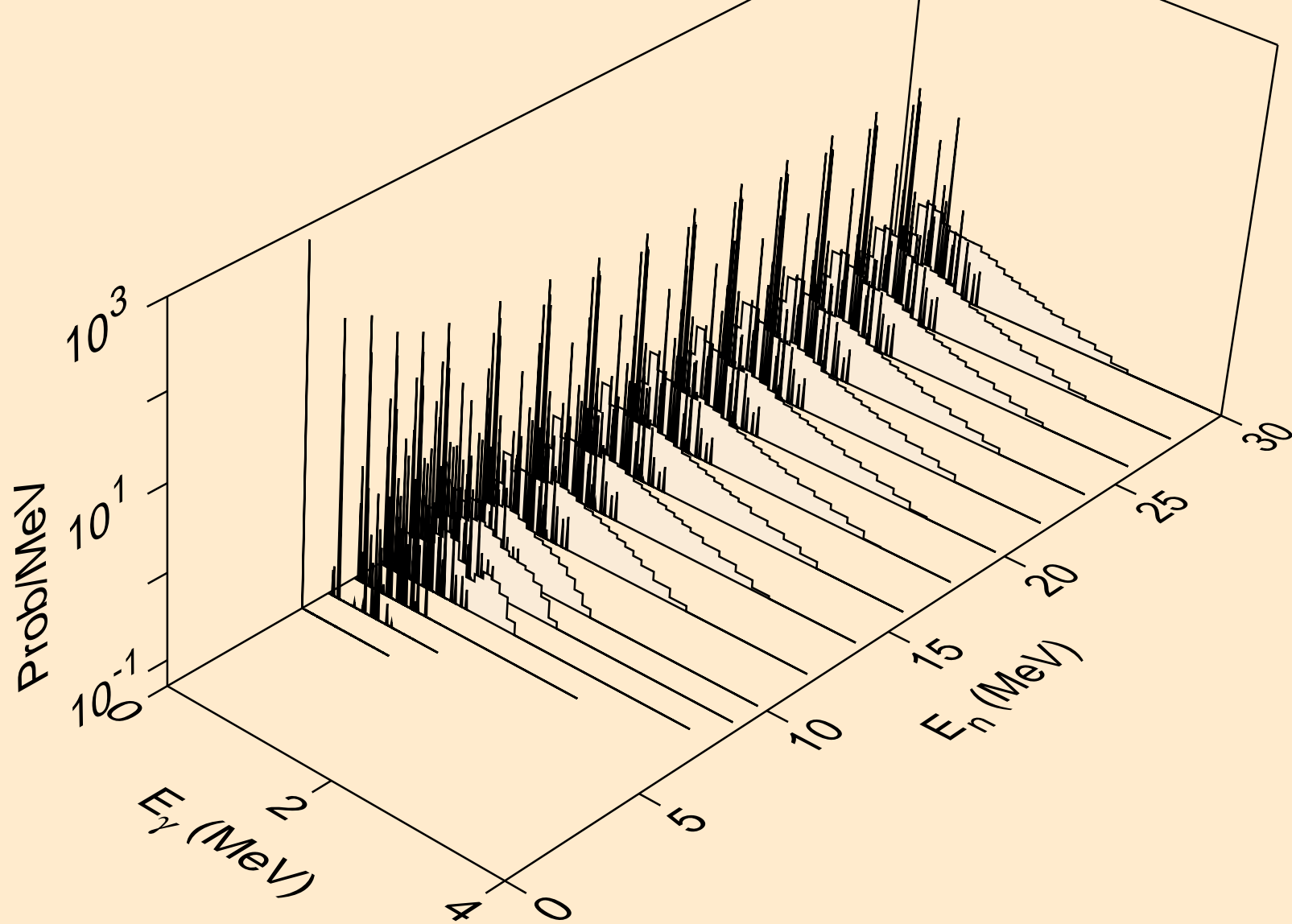
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



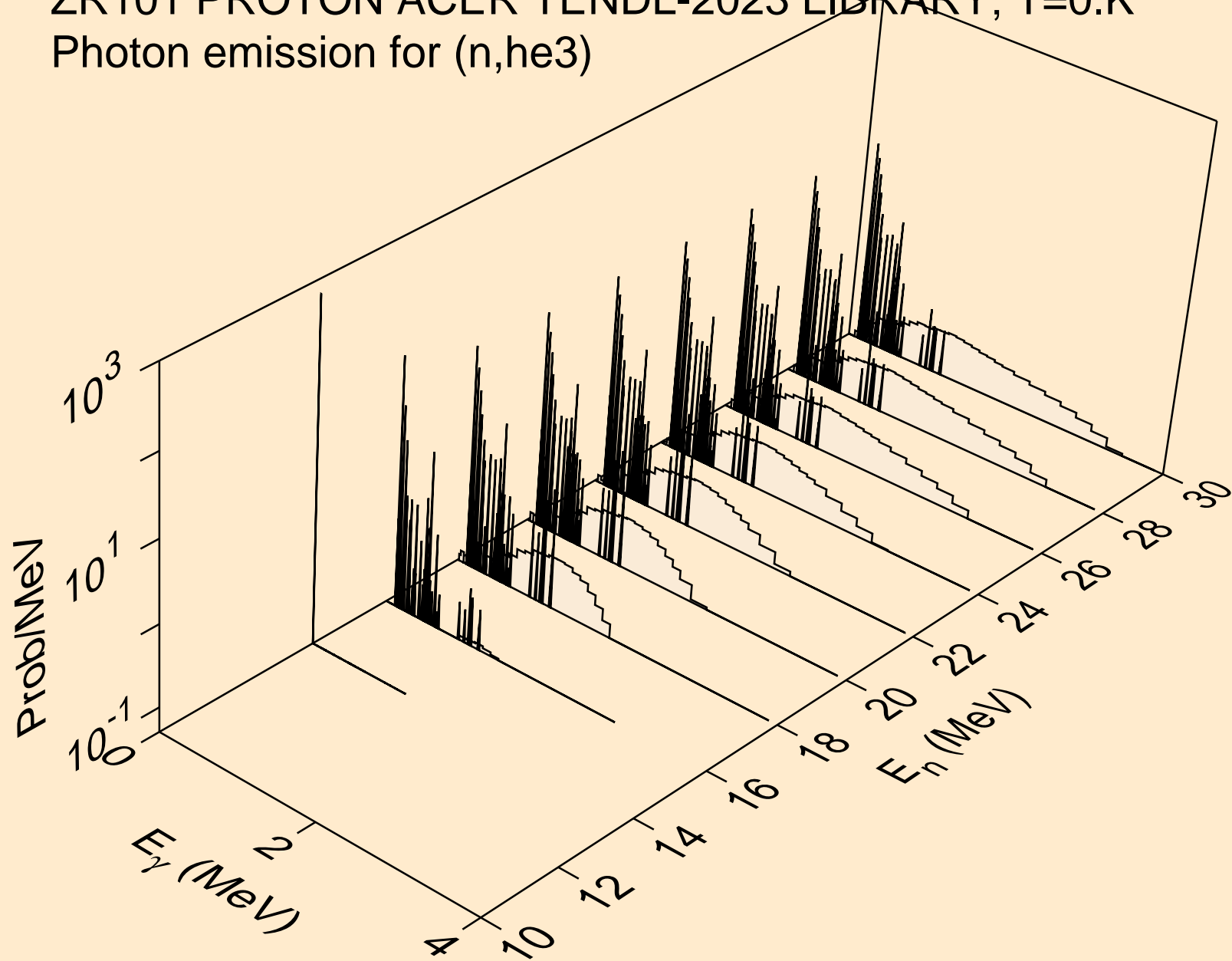
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



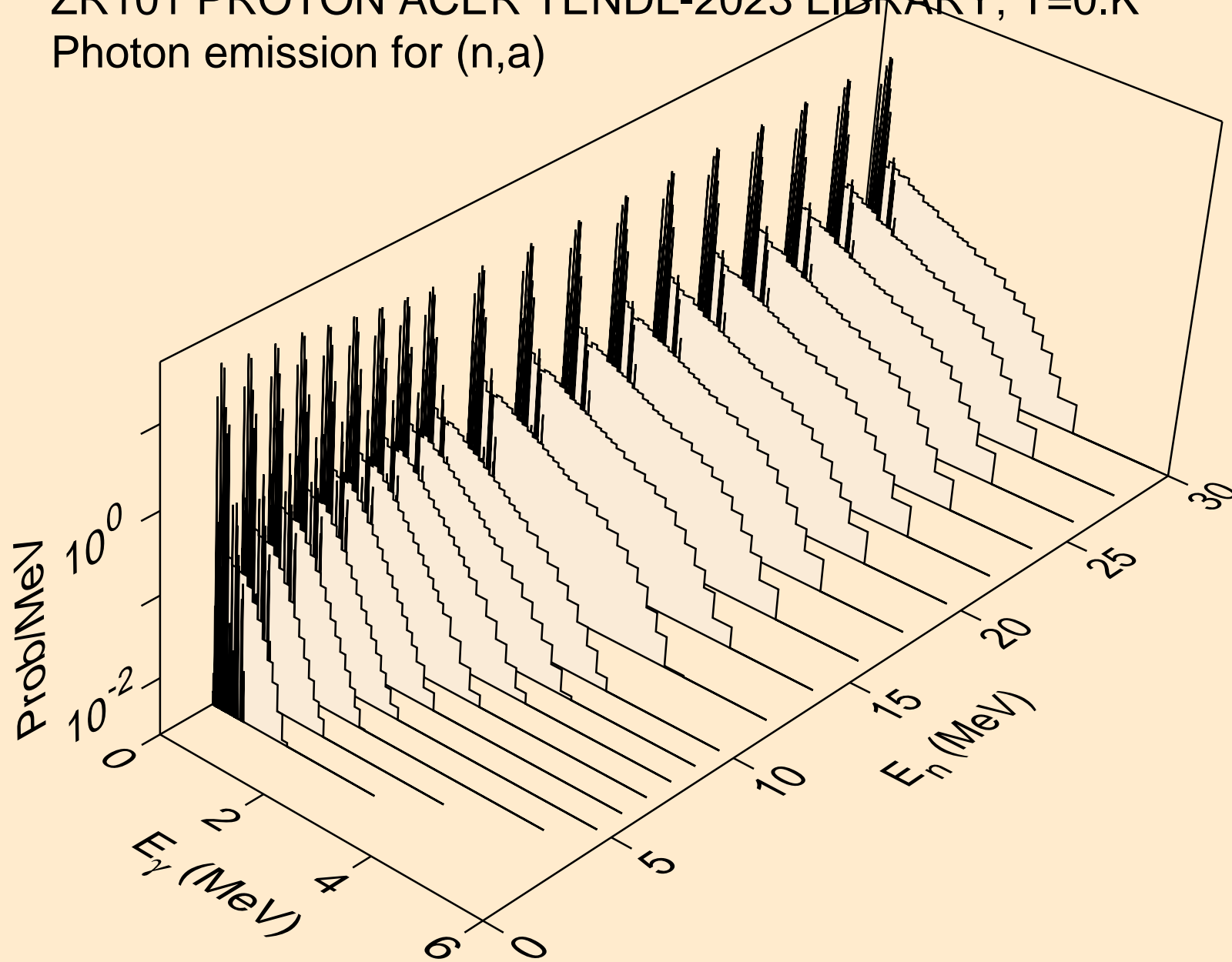
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



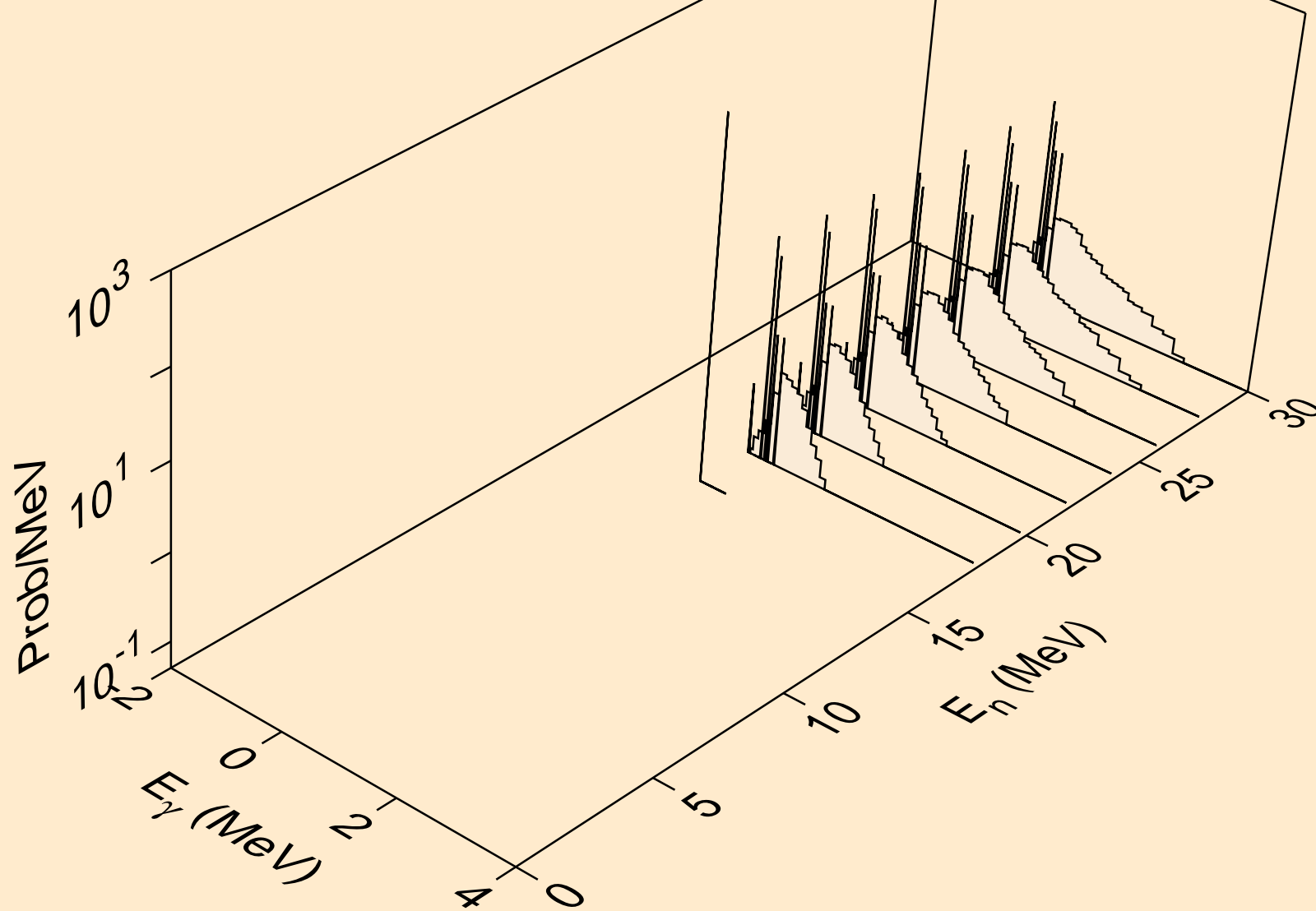
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



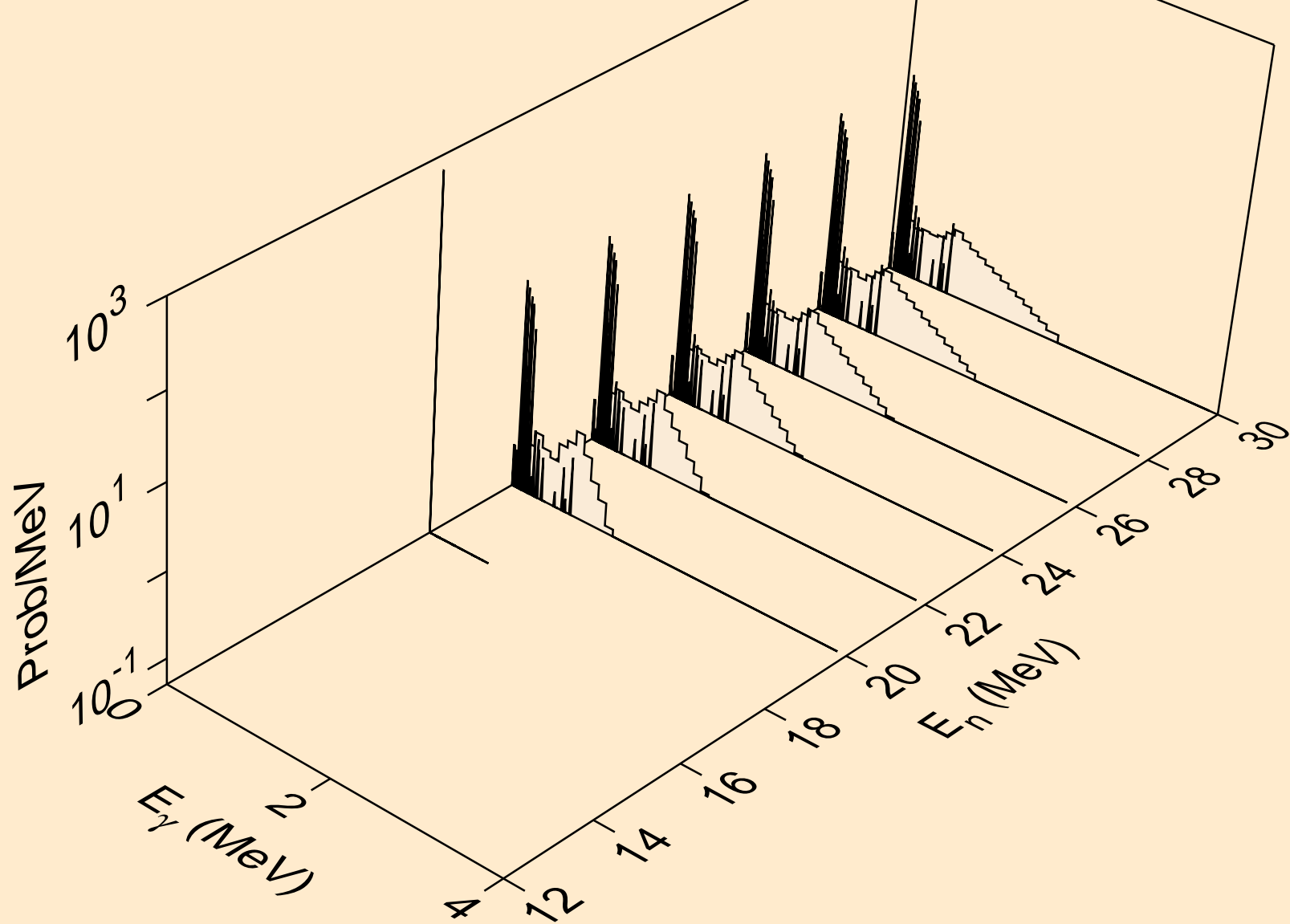
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



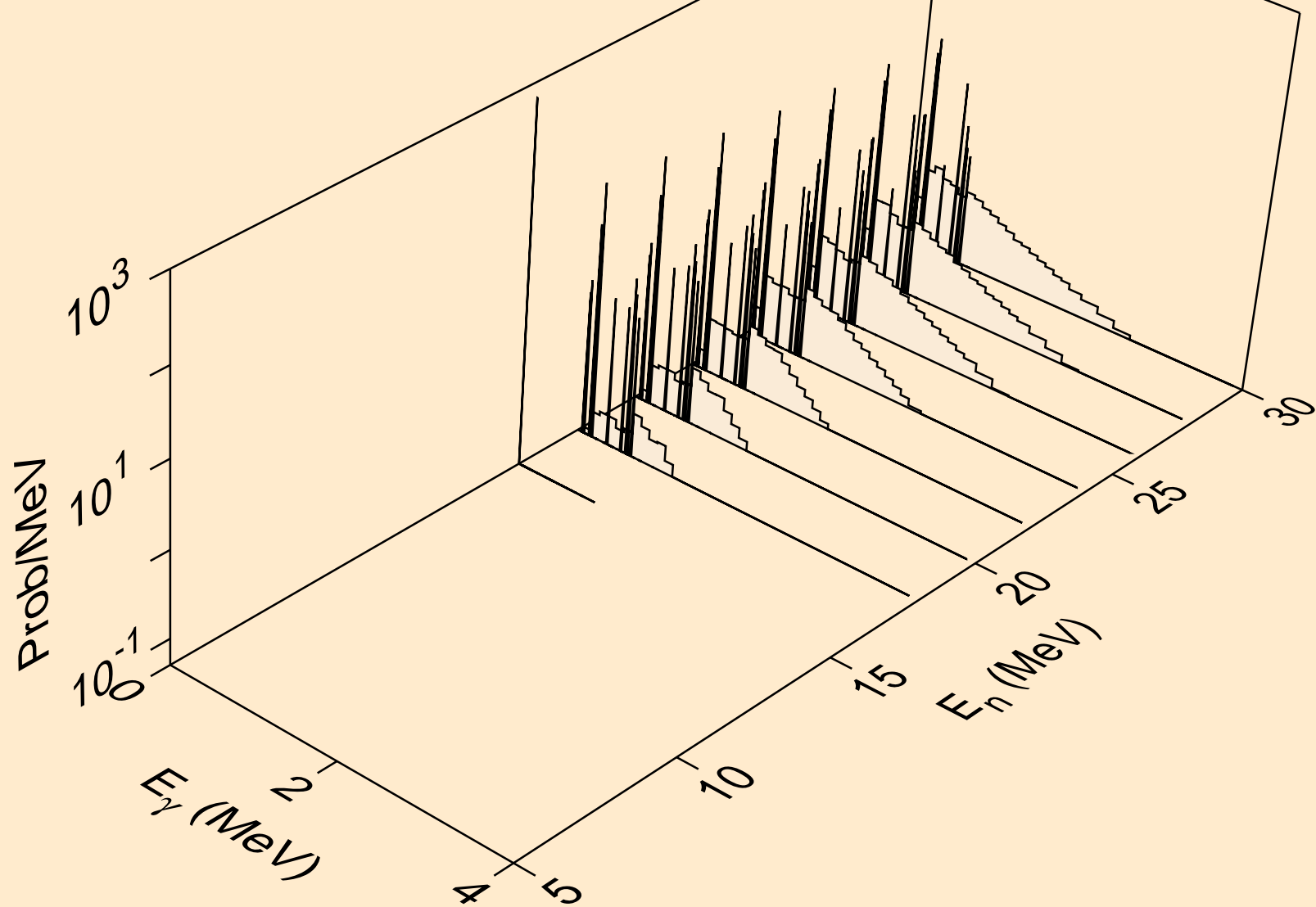
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



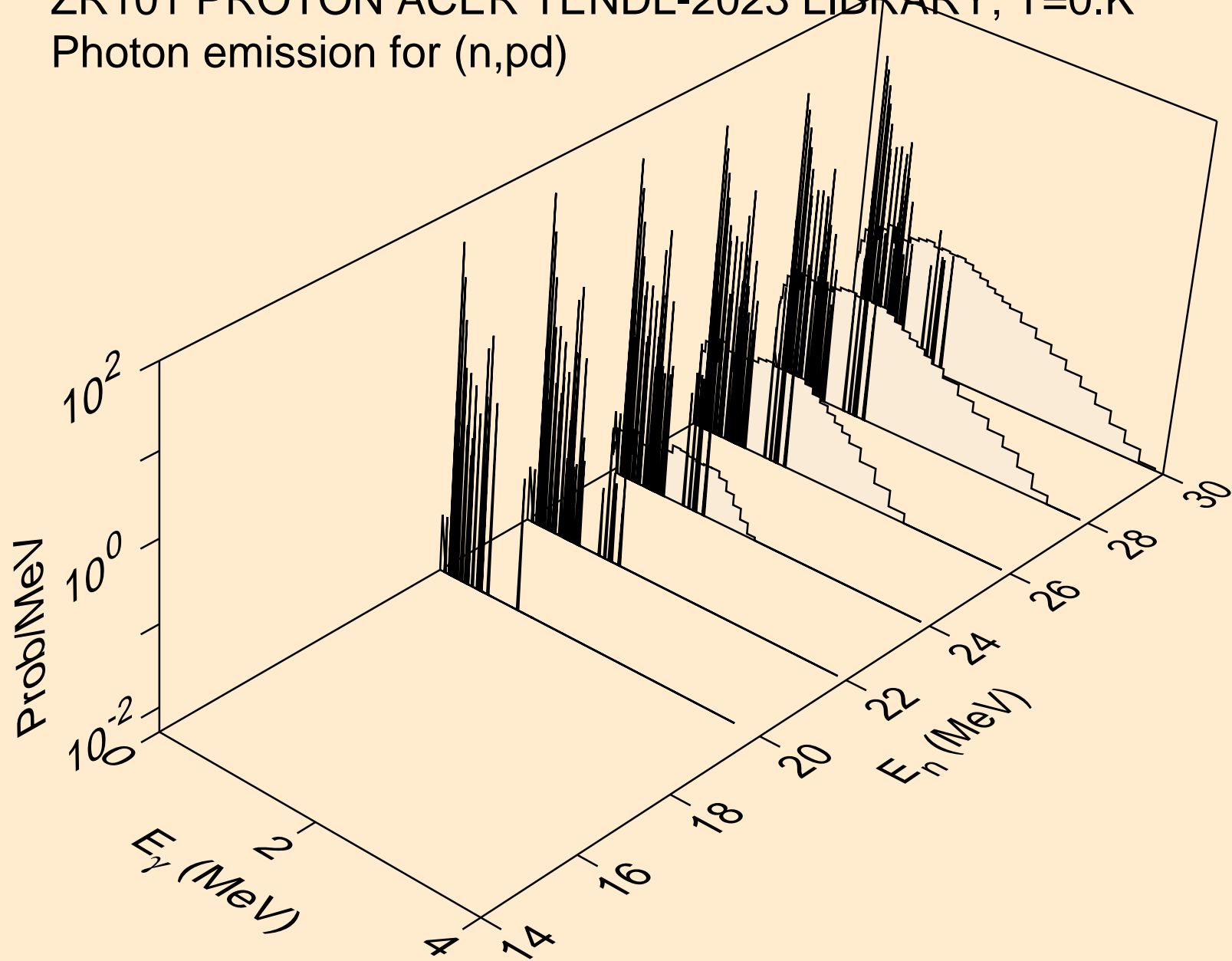
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



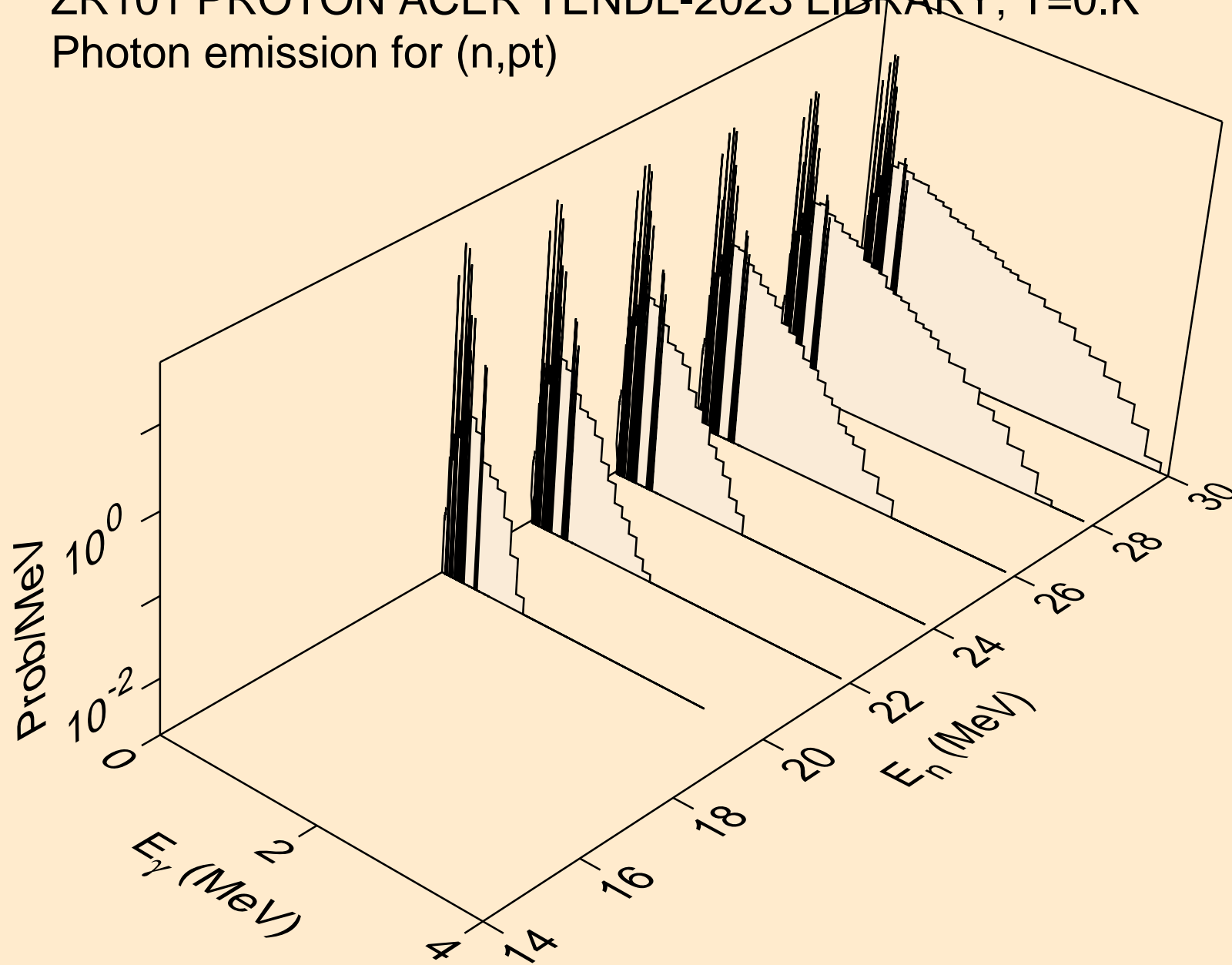
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)



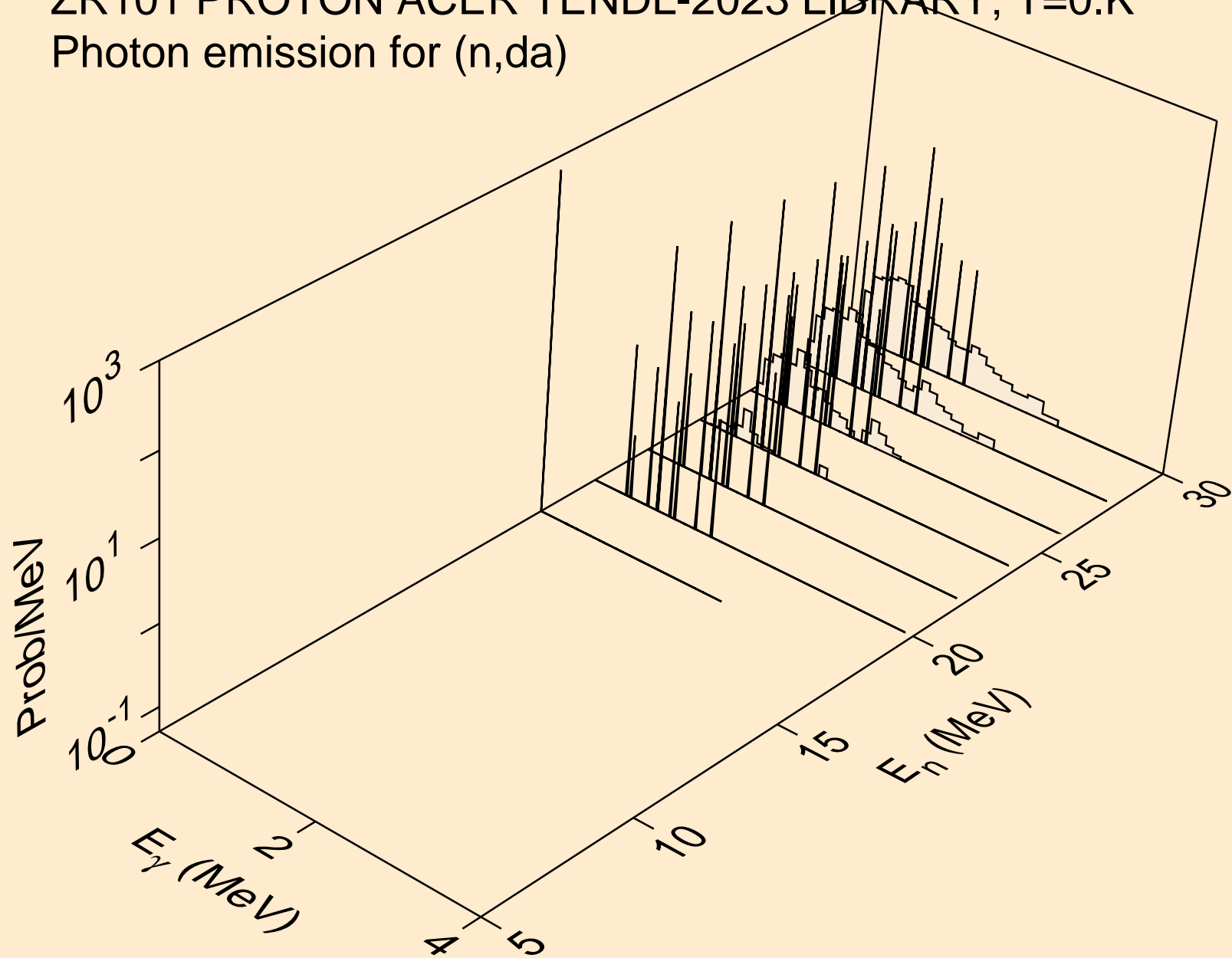
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



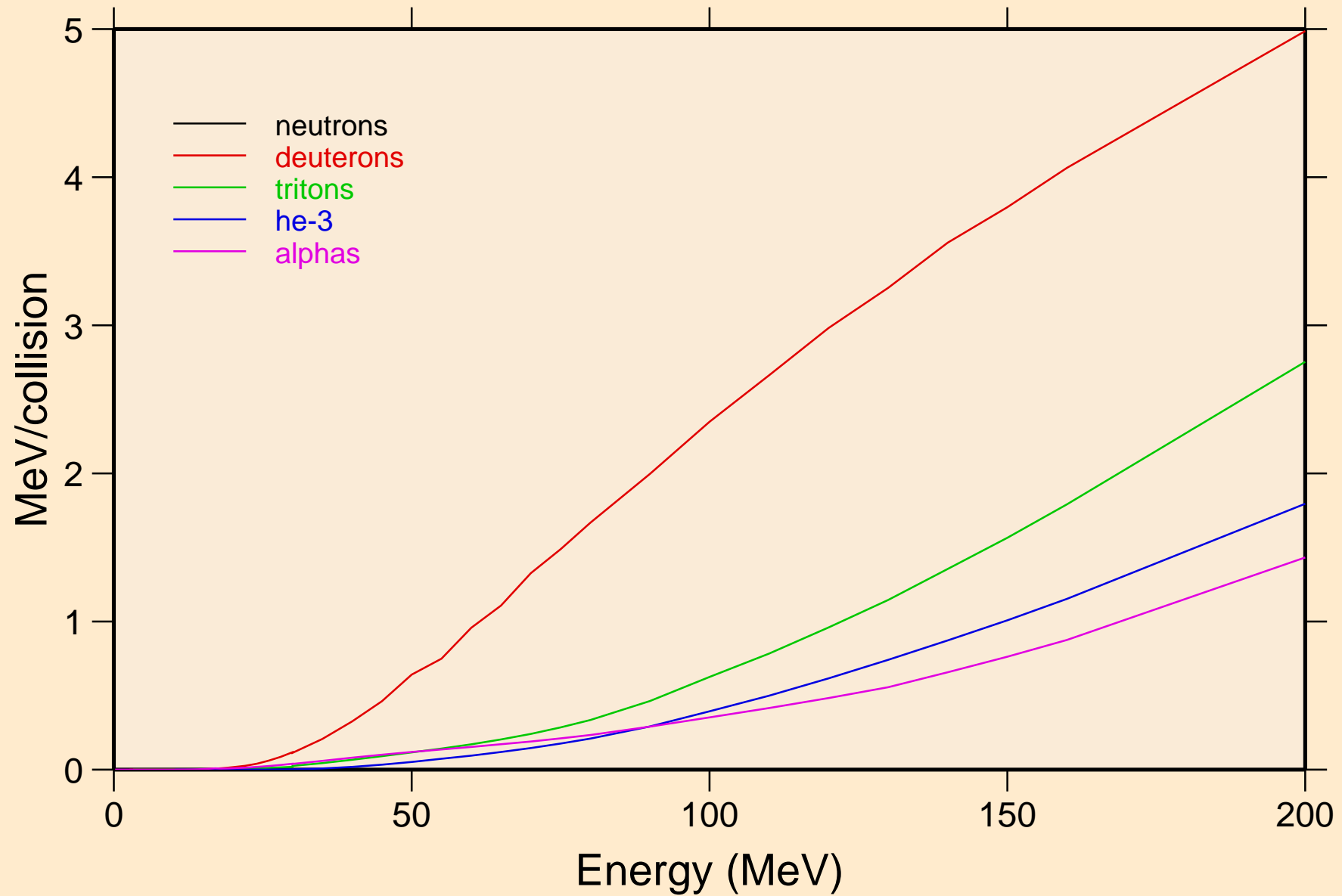
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



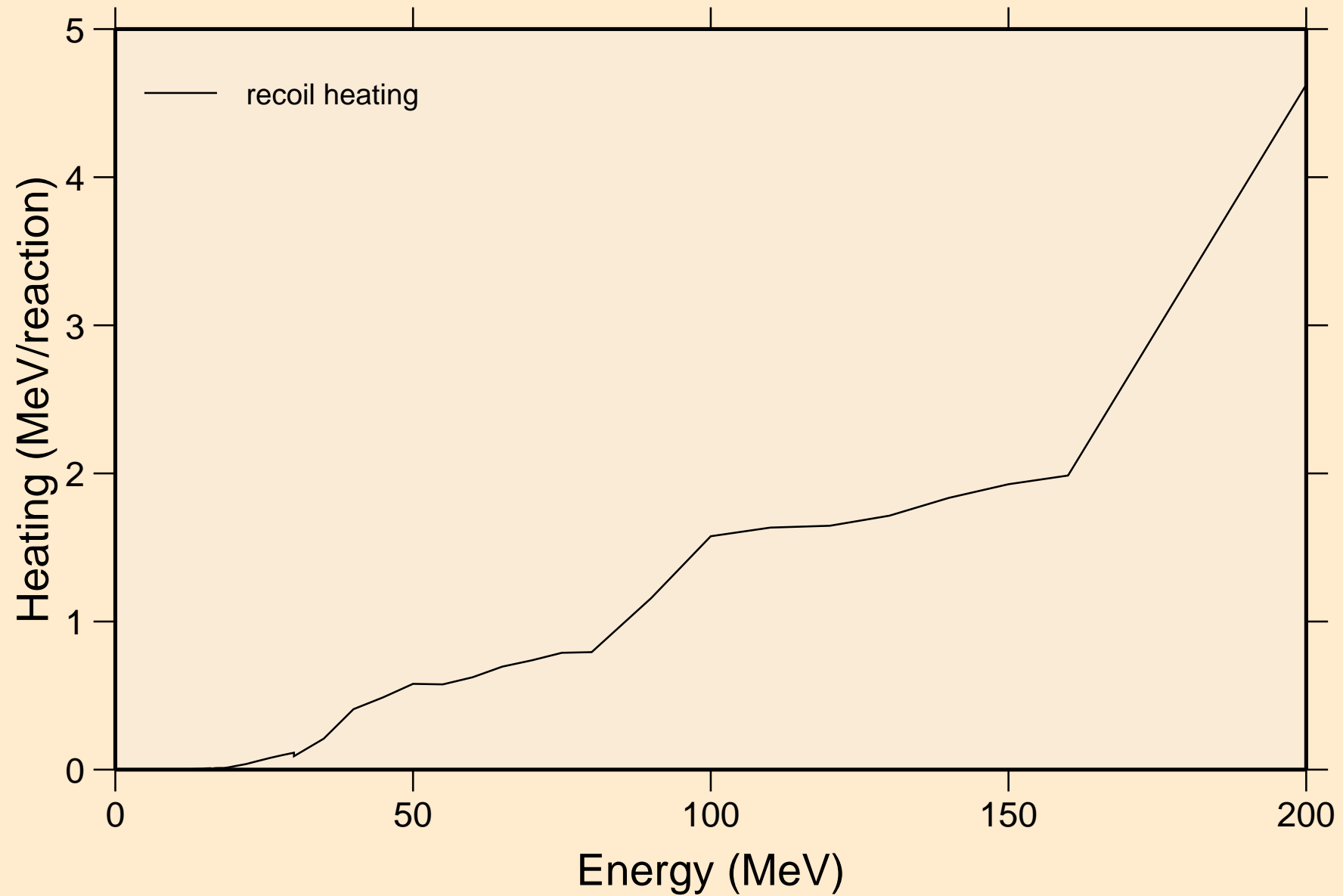
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



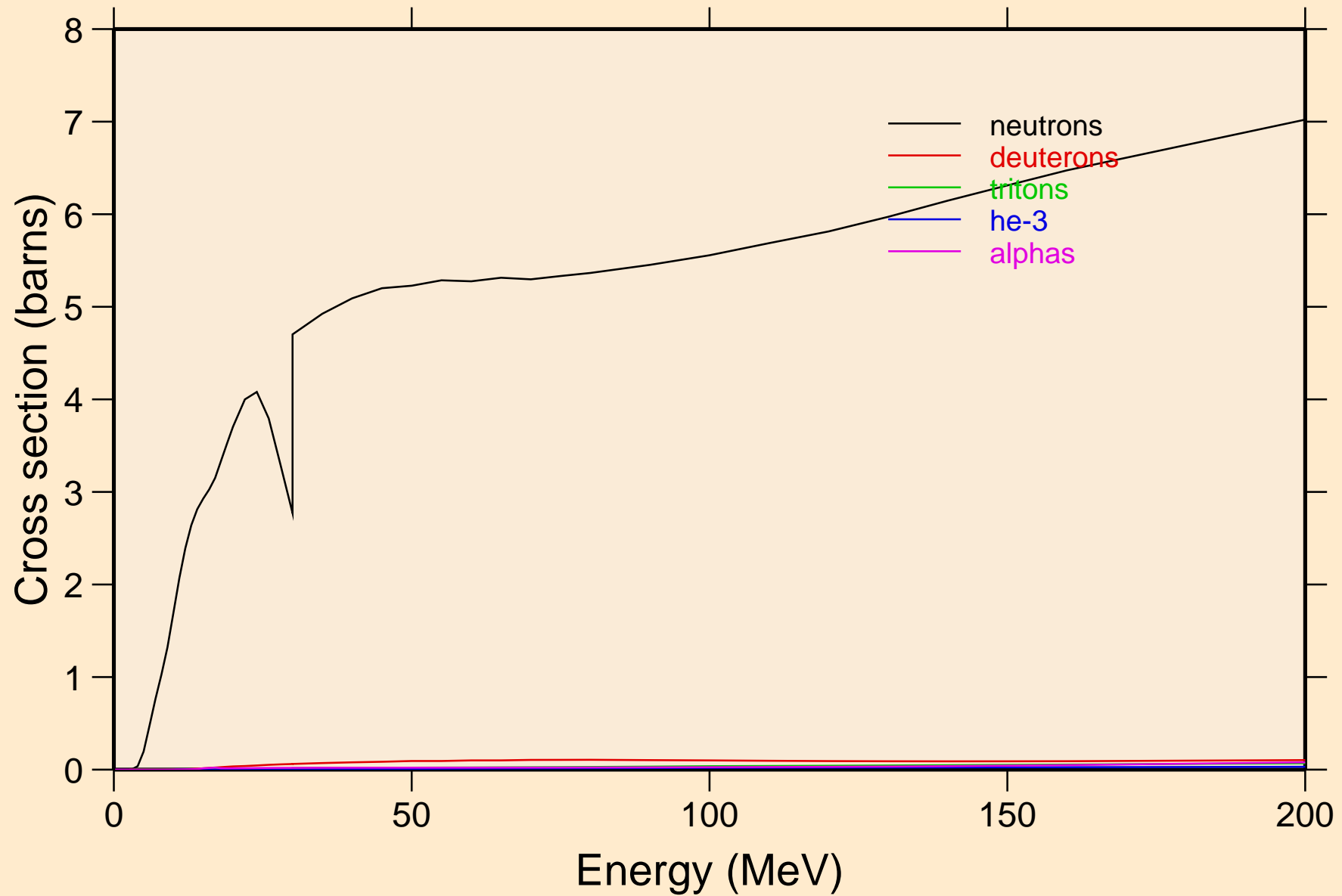
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions



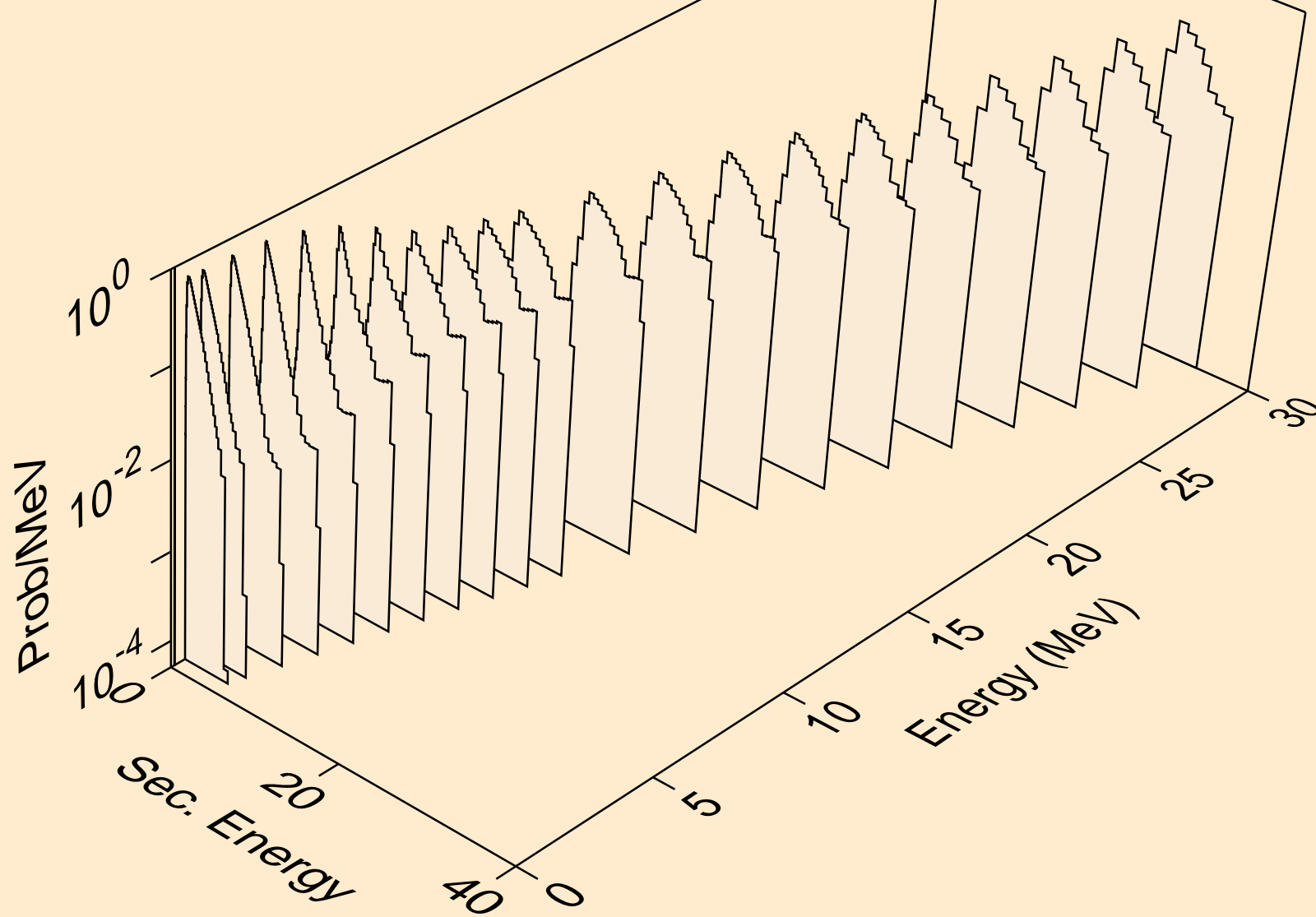
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating



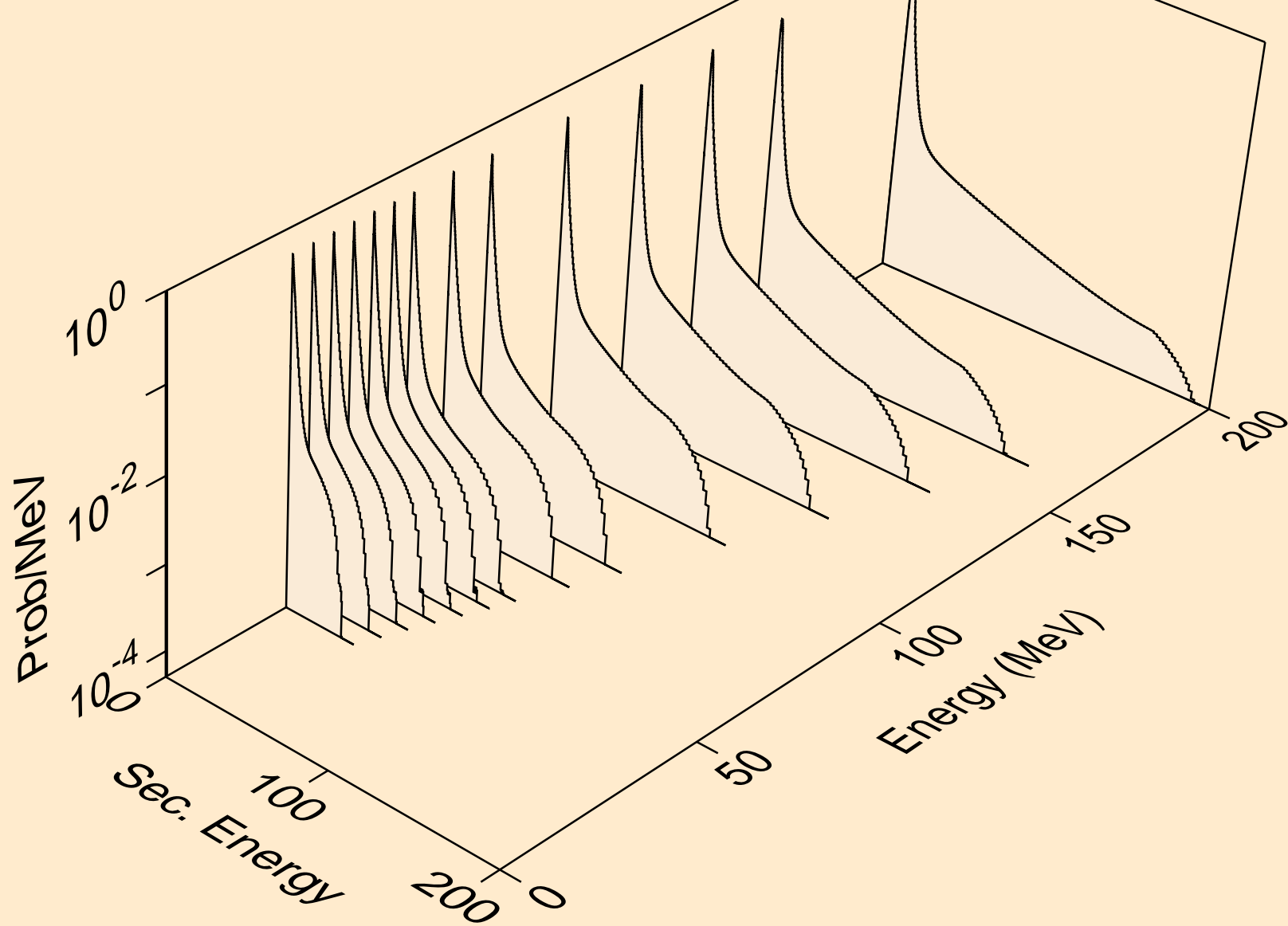
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



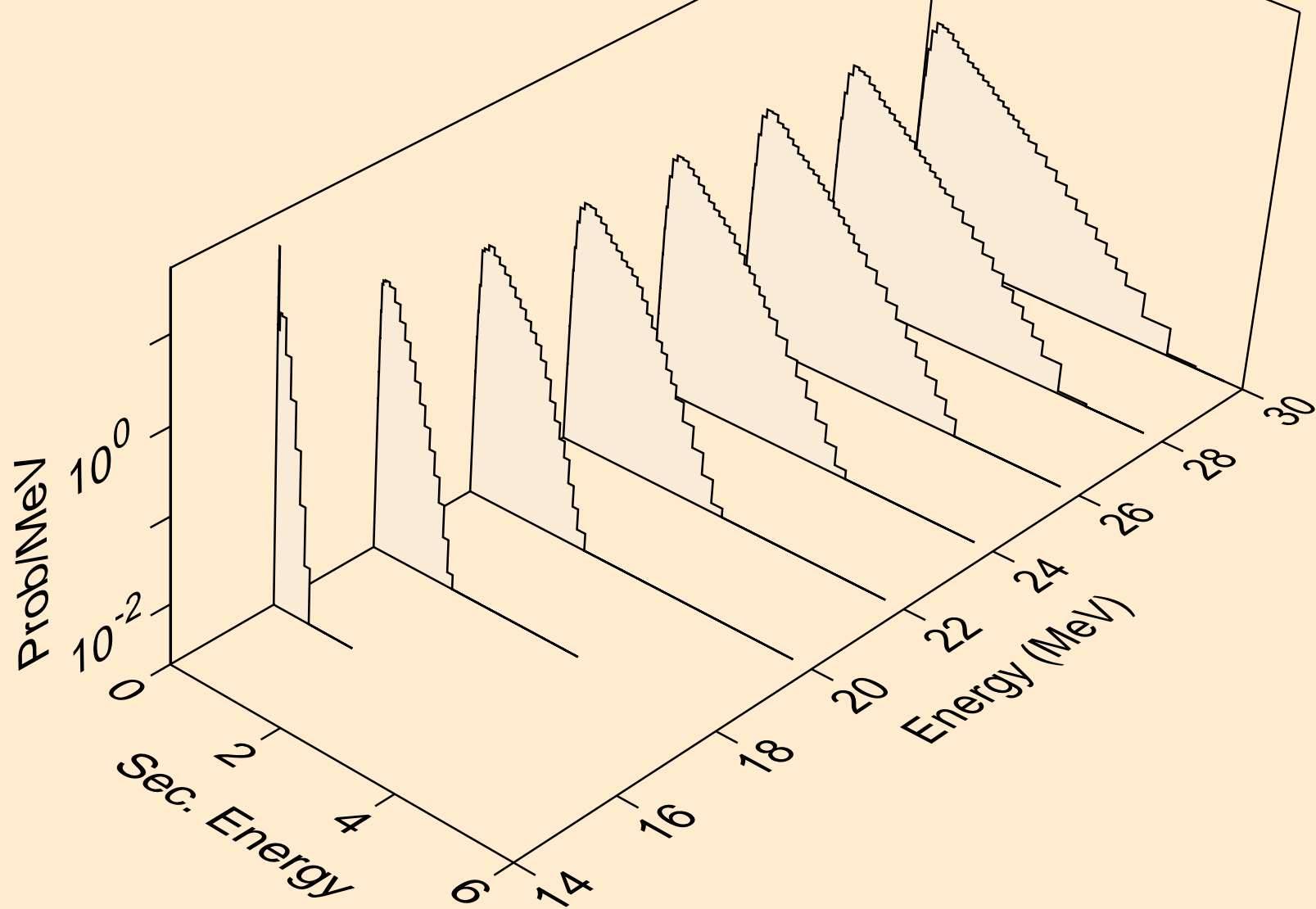
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



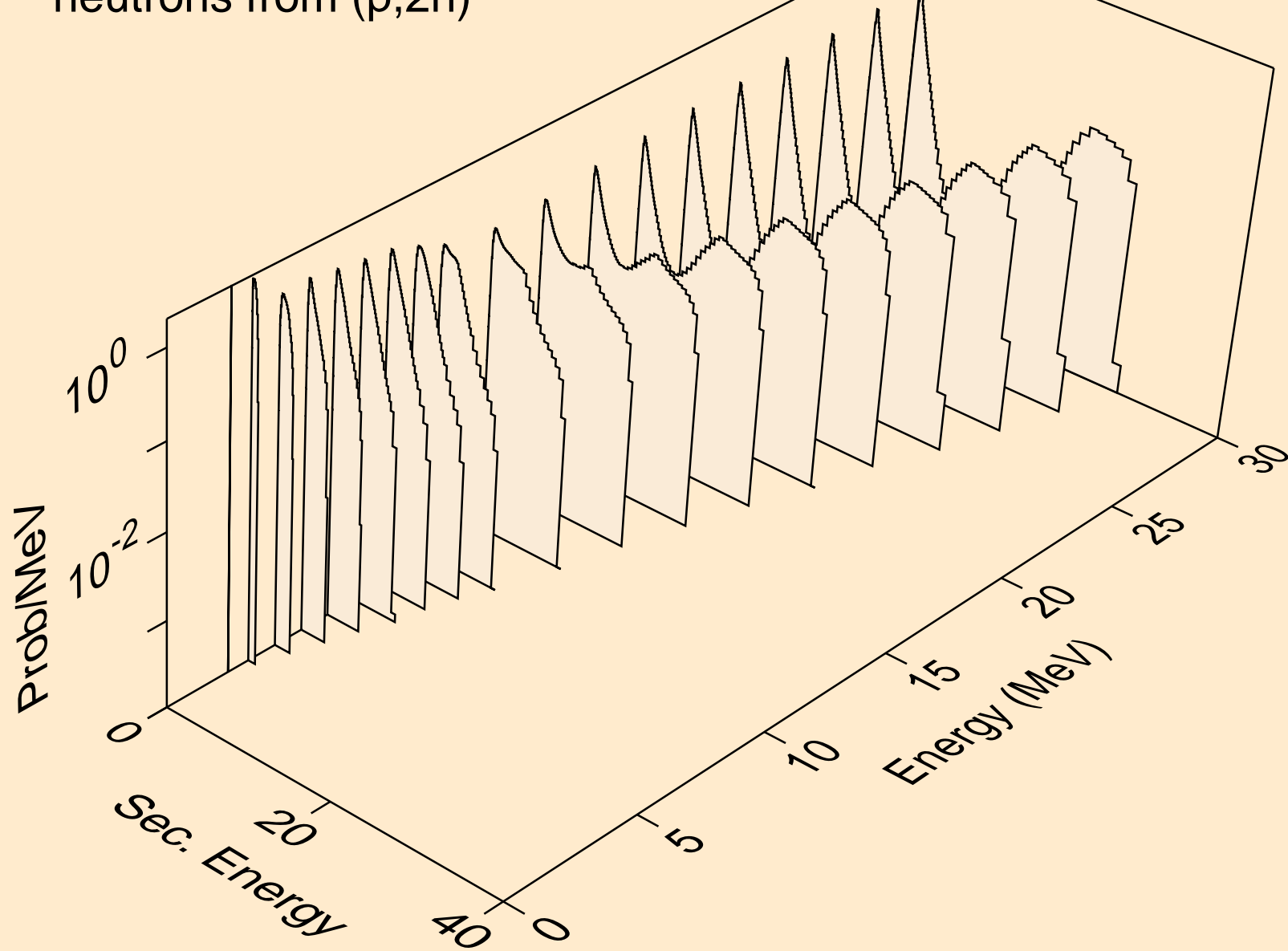
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



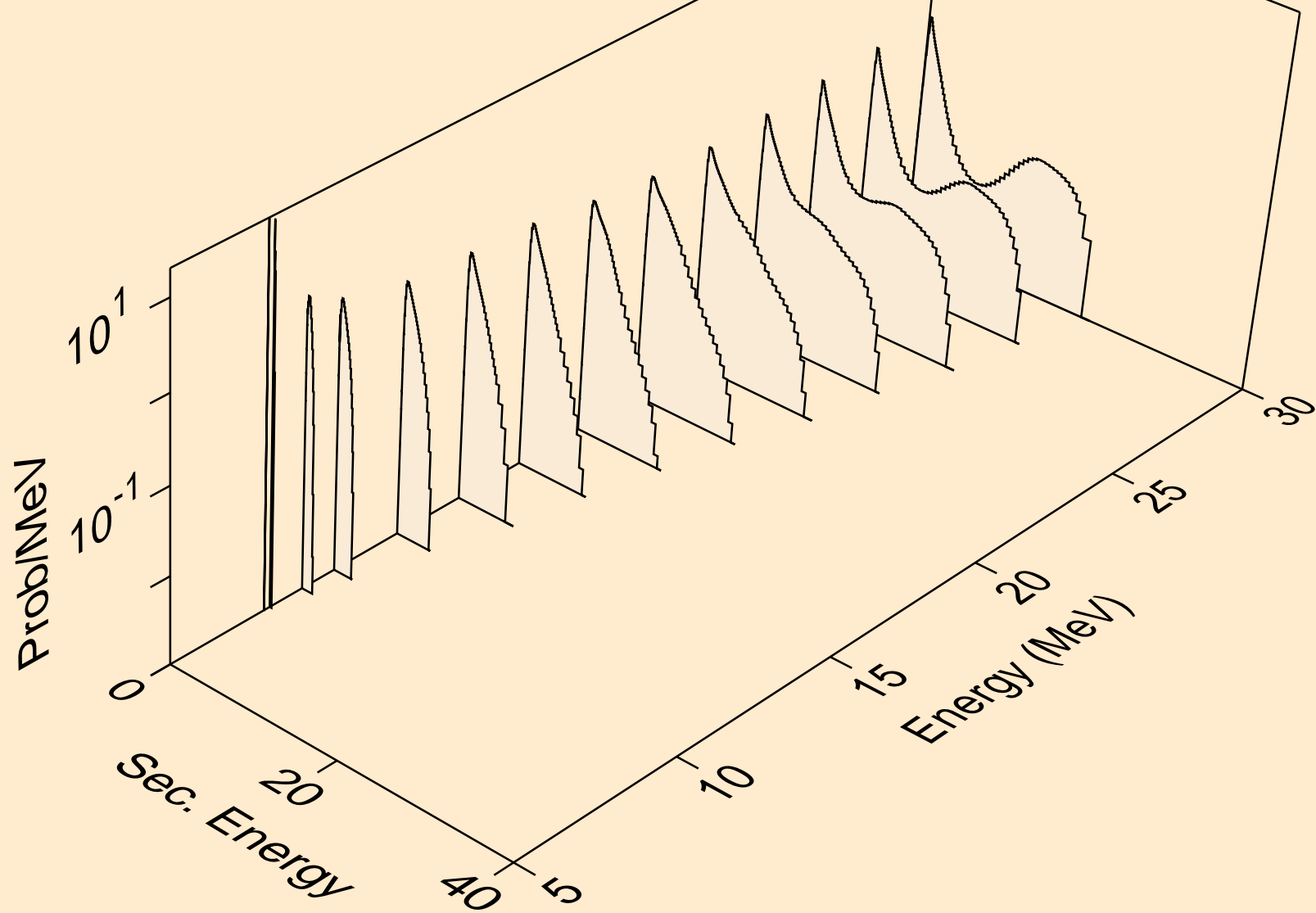
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2nd)



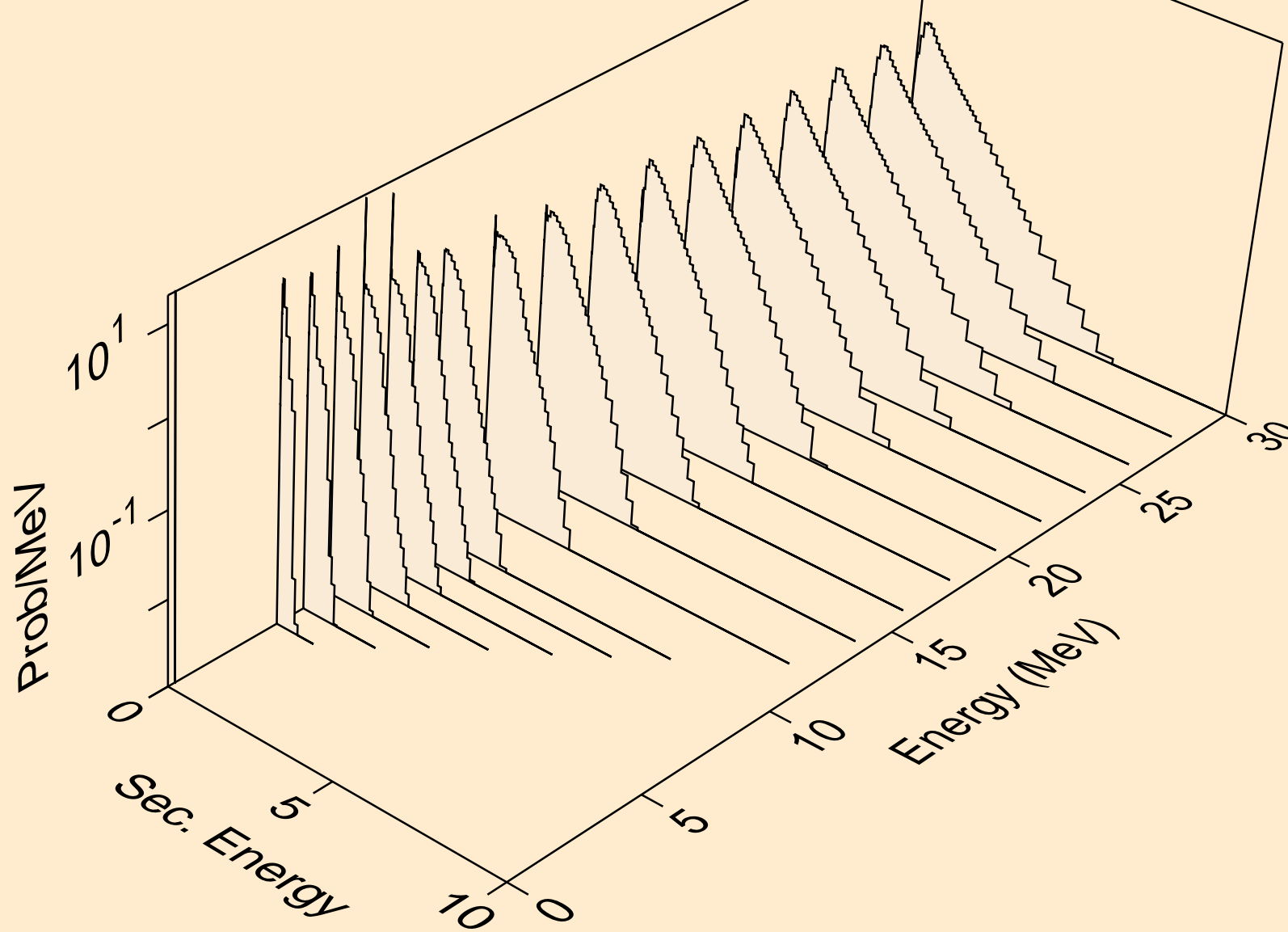
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



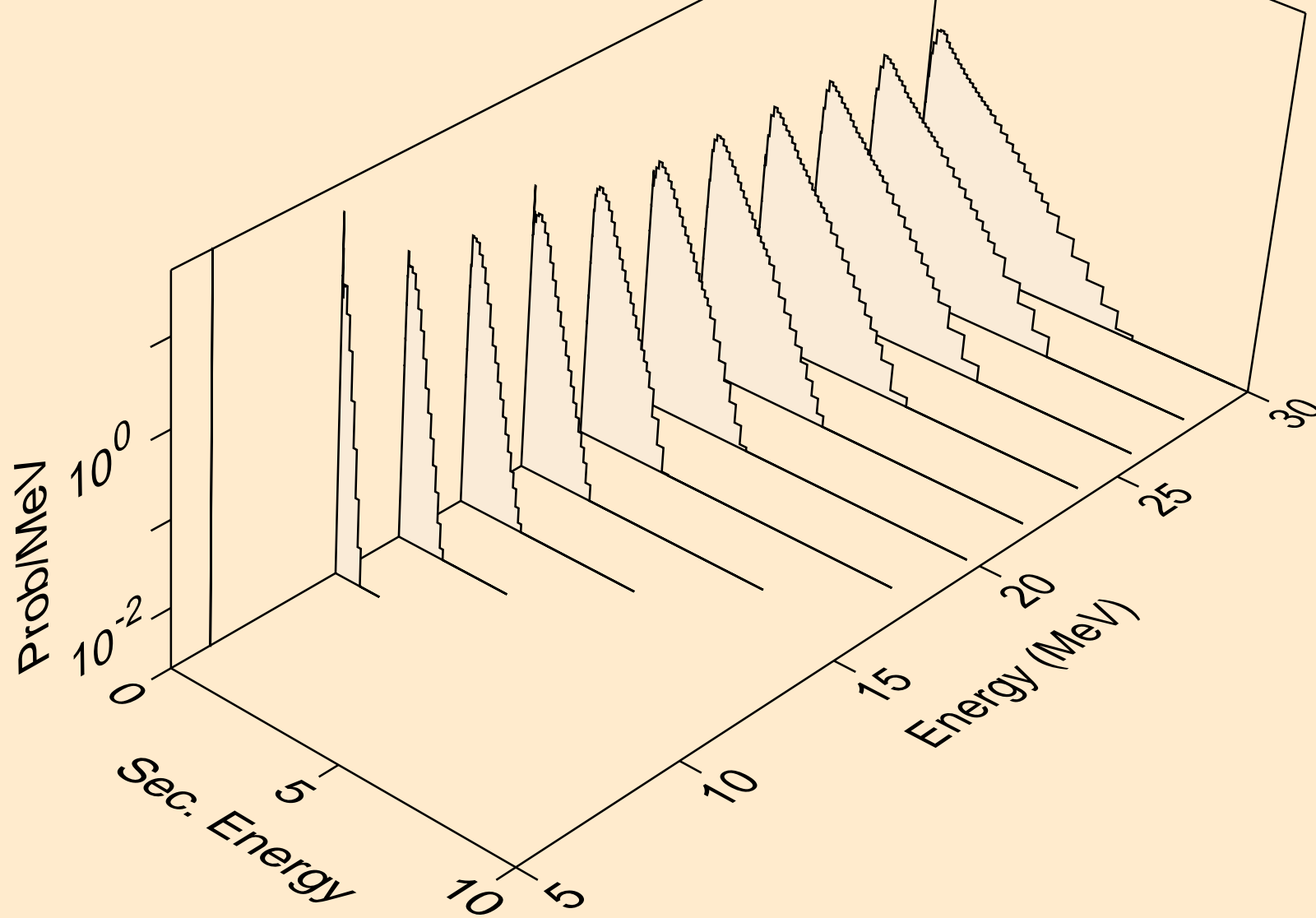
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



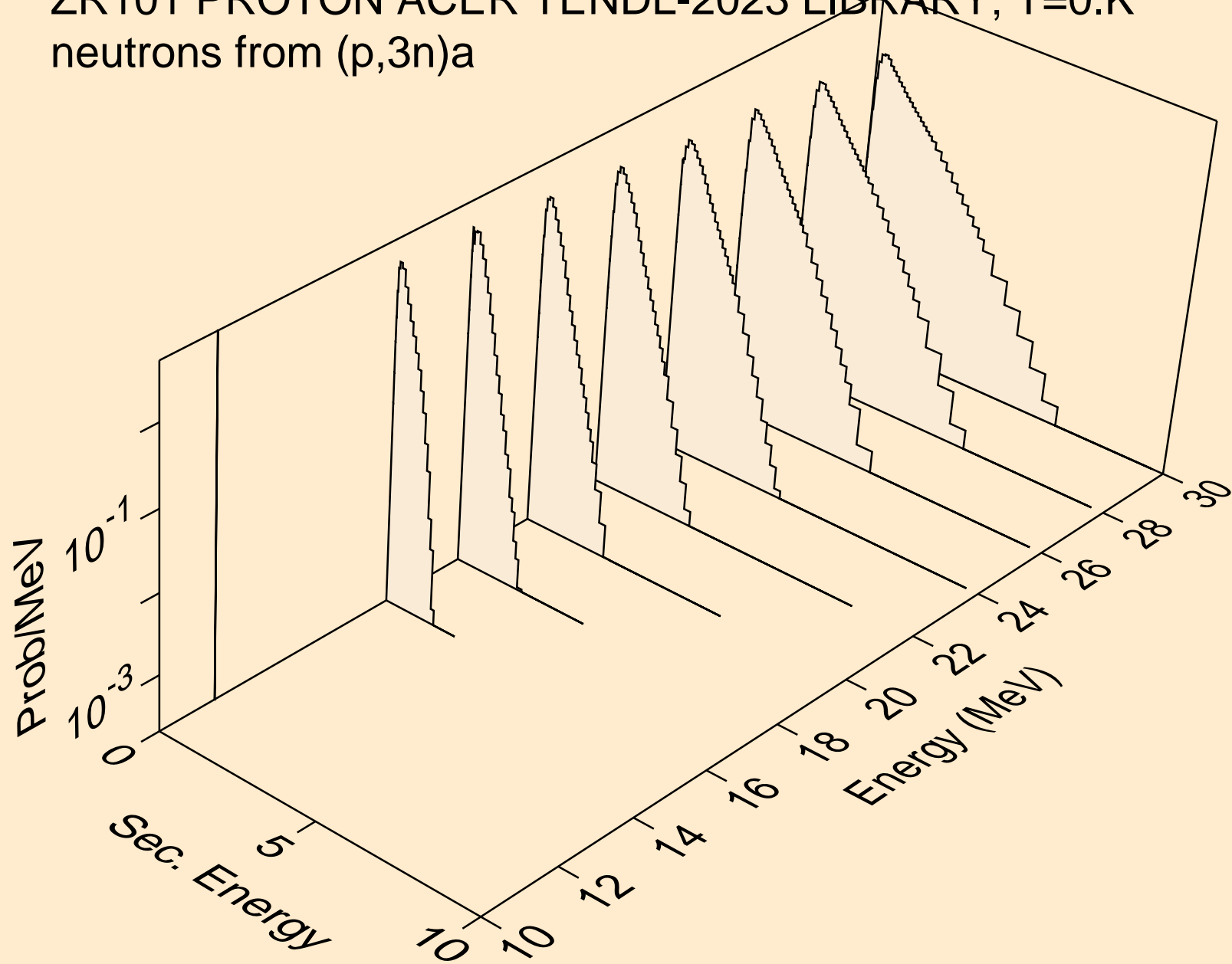
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)a



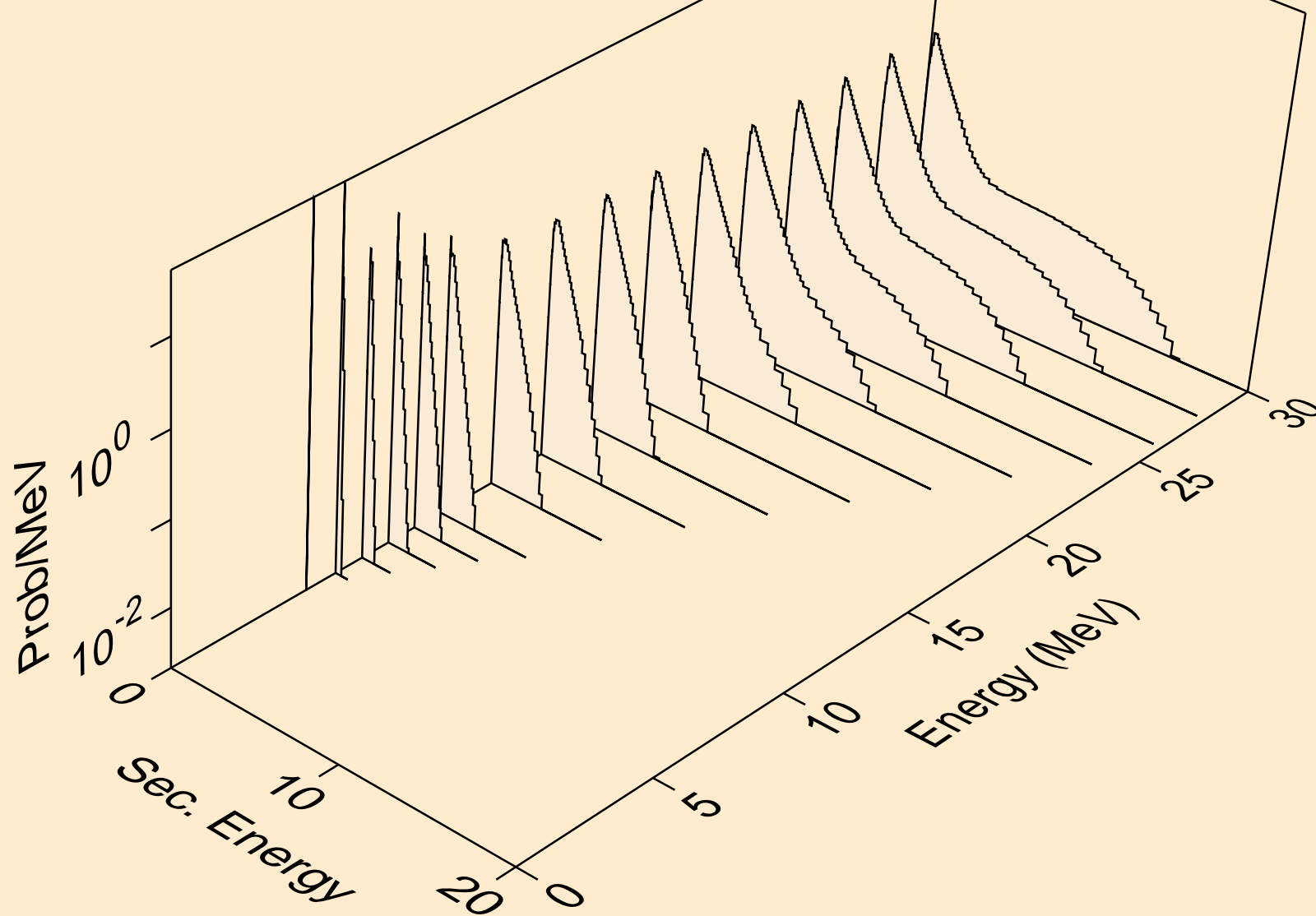
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



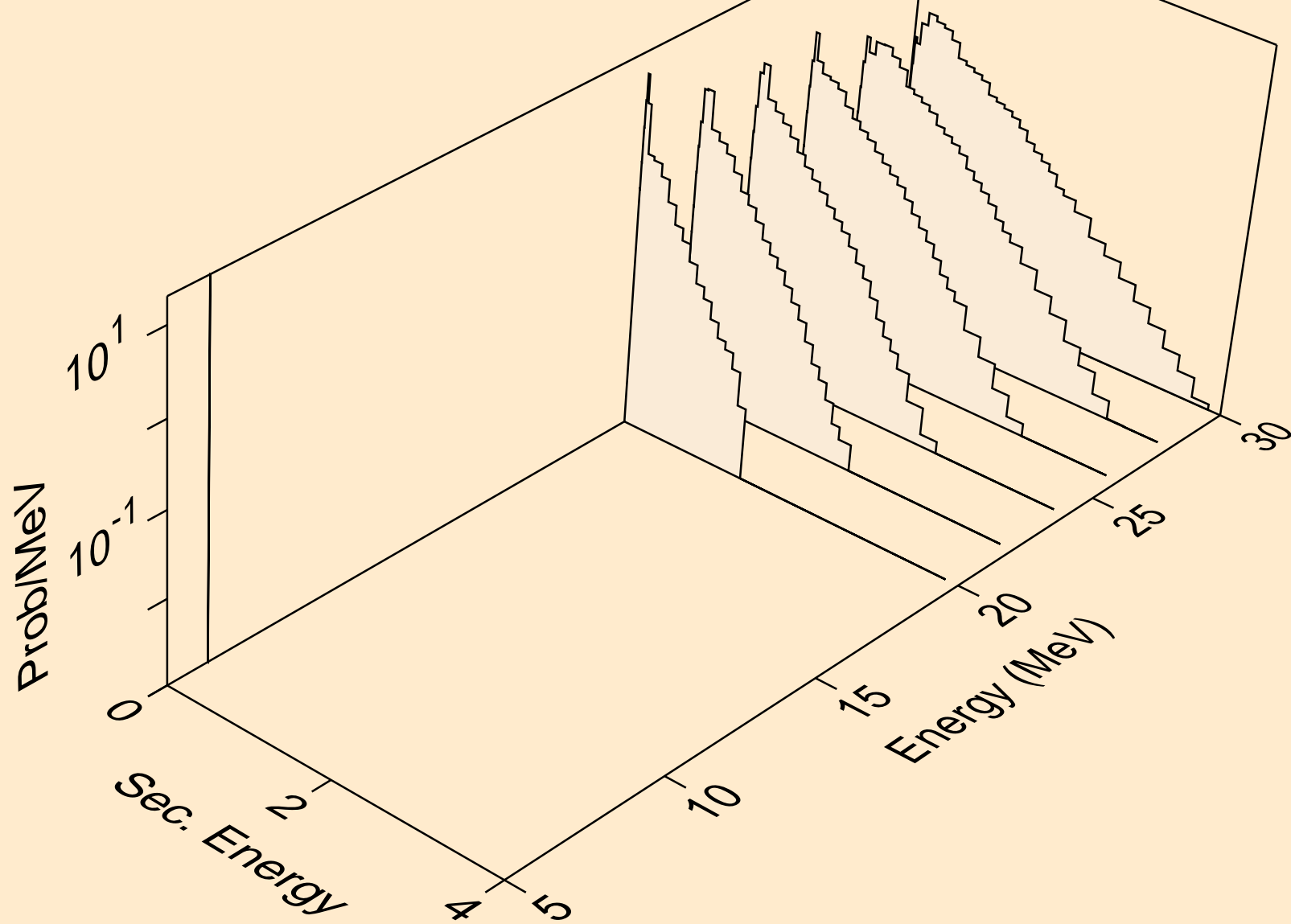
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)a



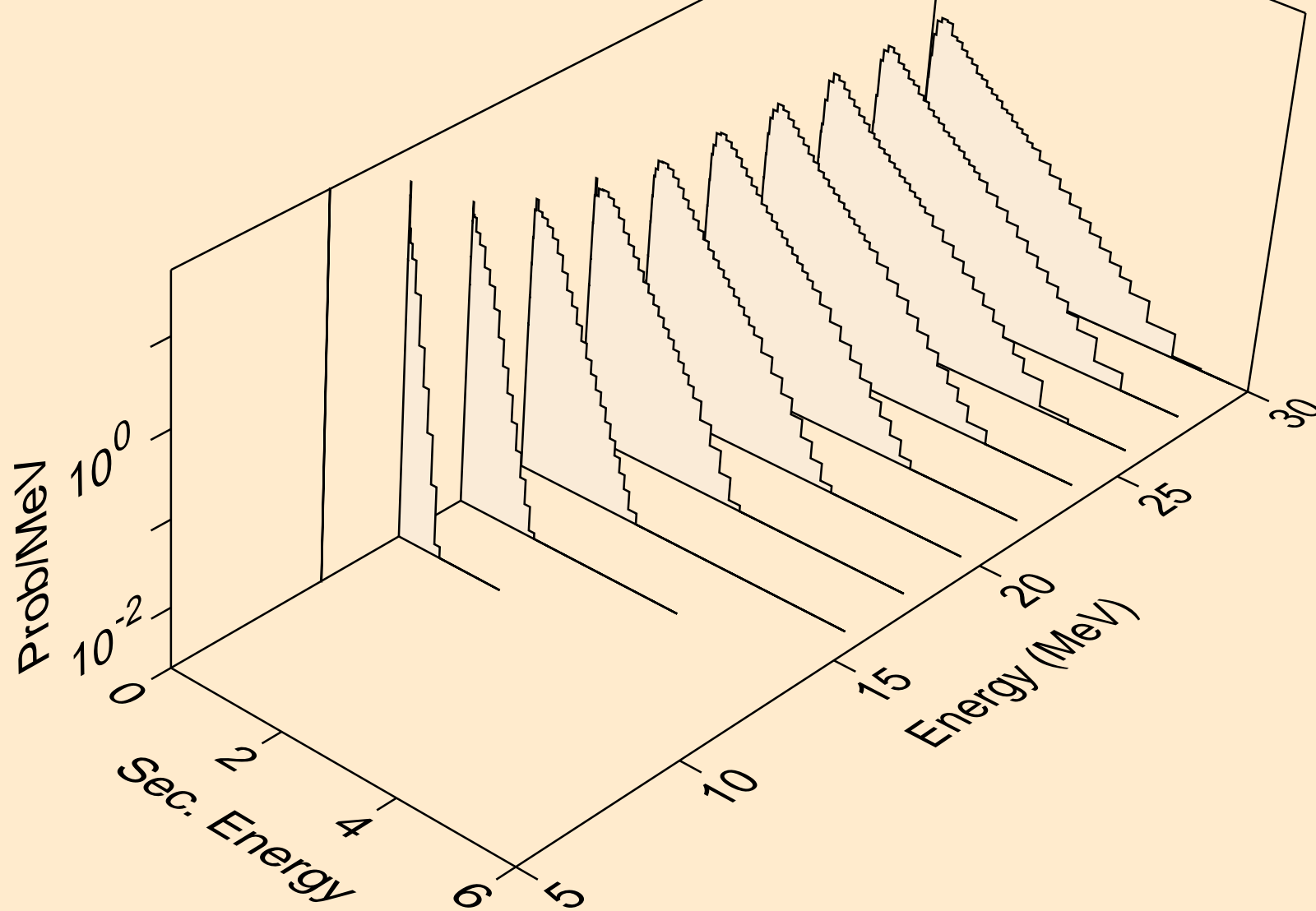
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)p



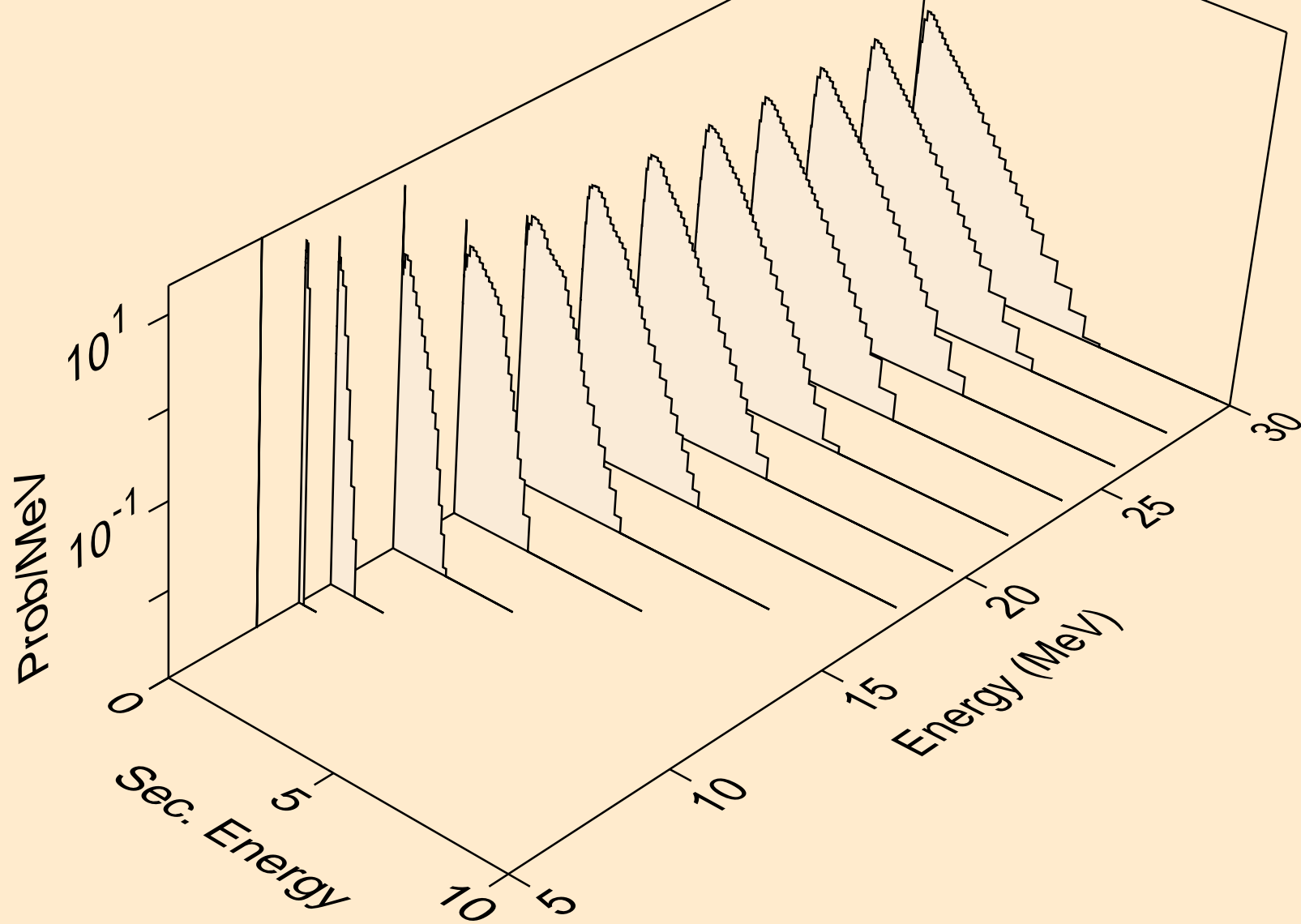
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)2a



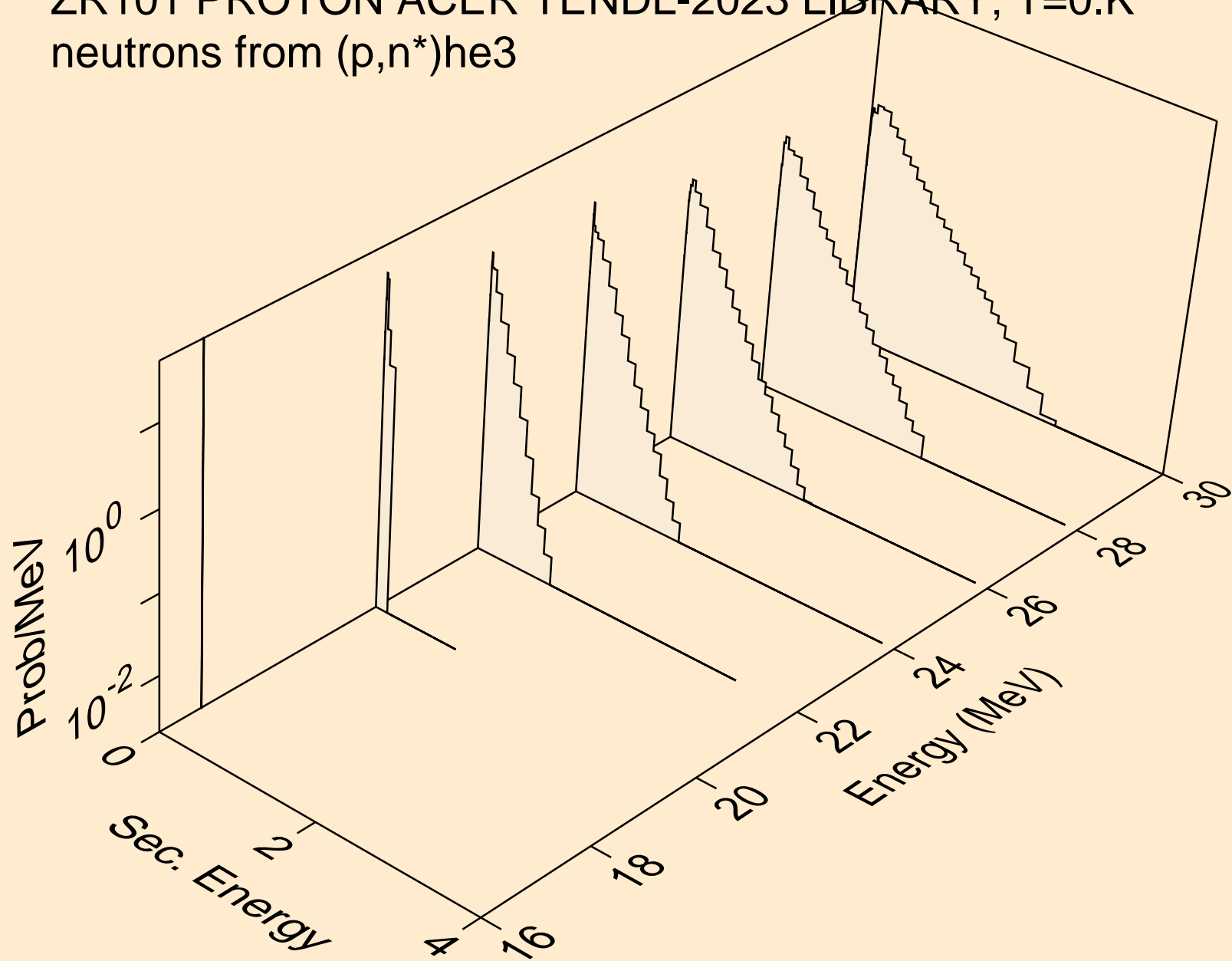
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)d



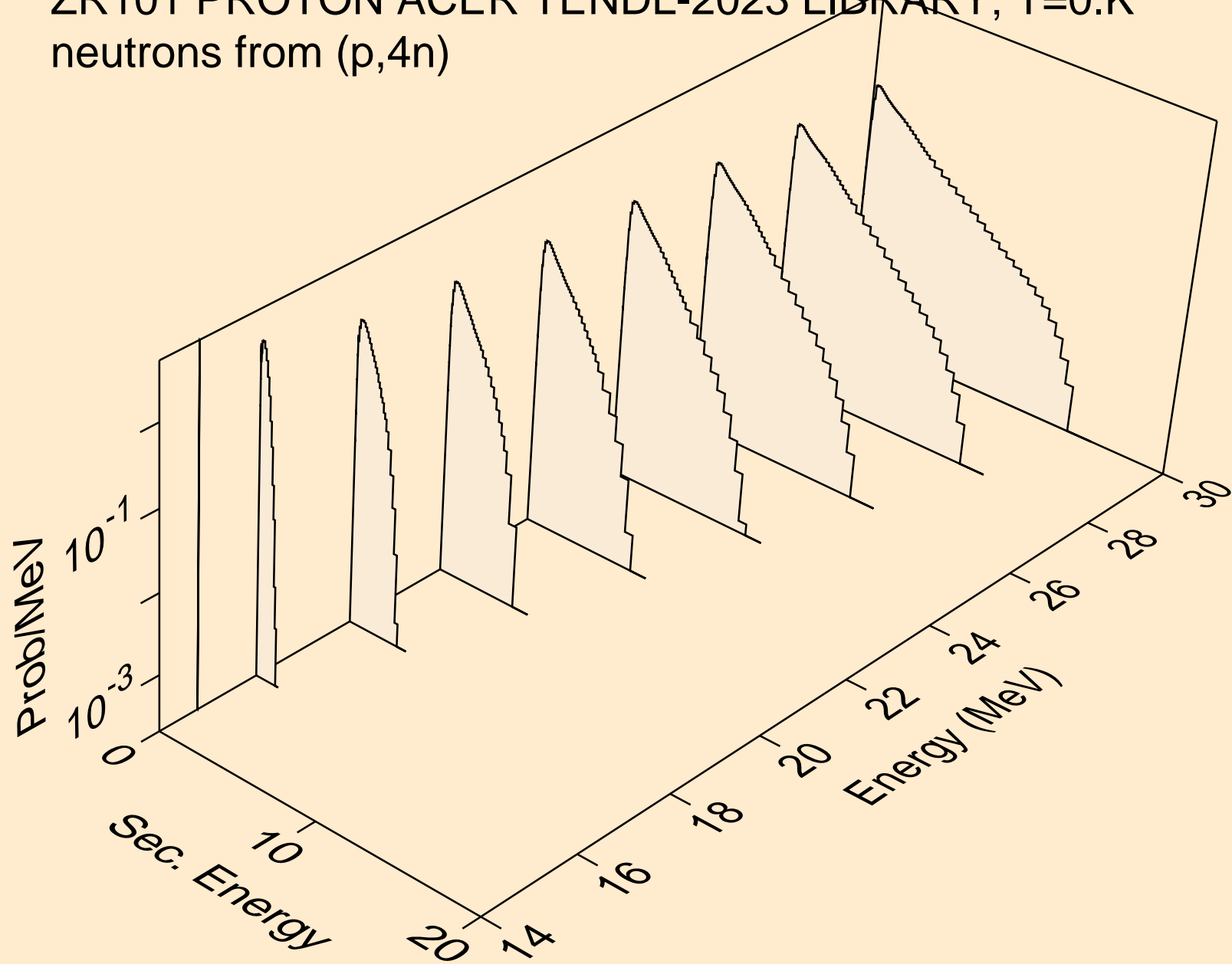
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t



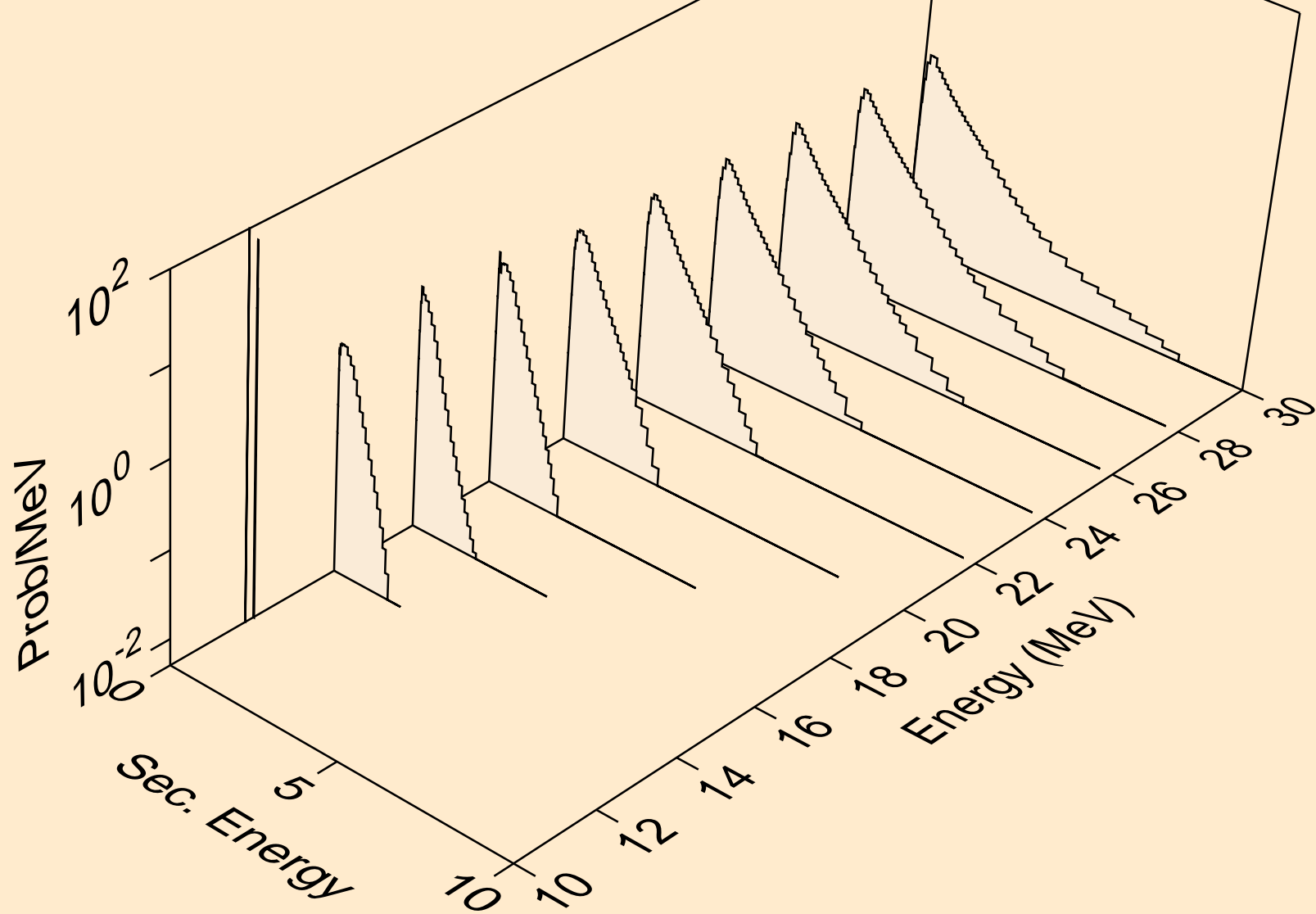
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



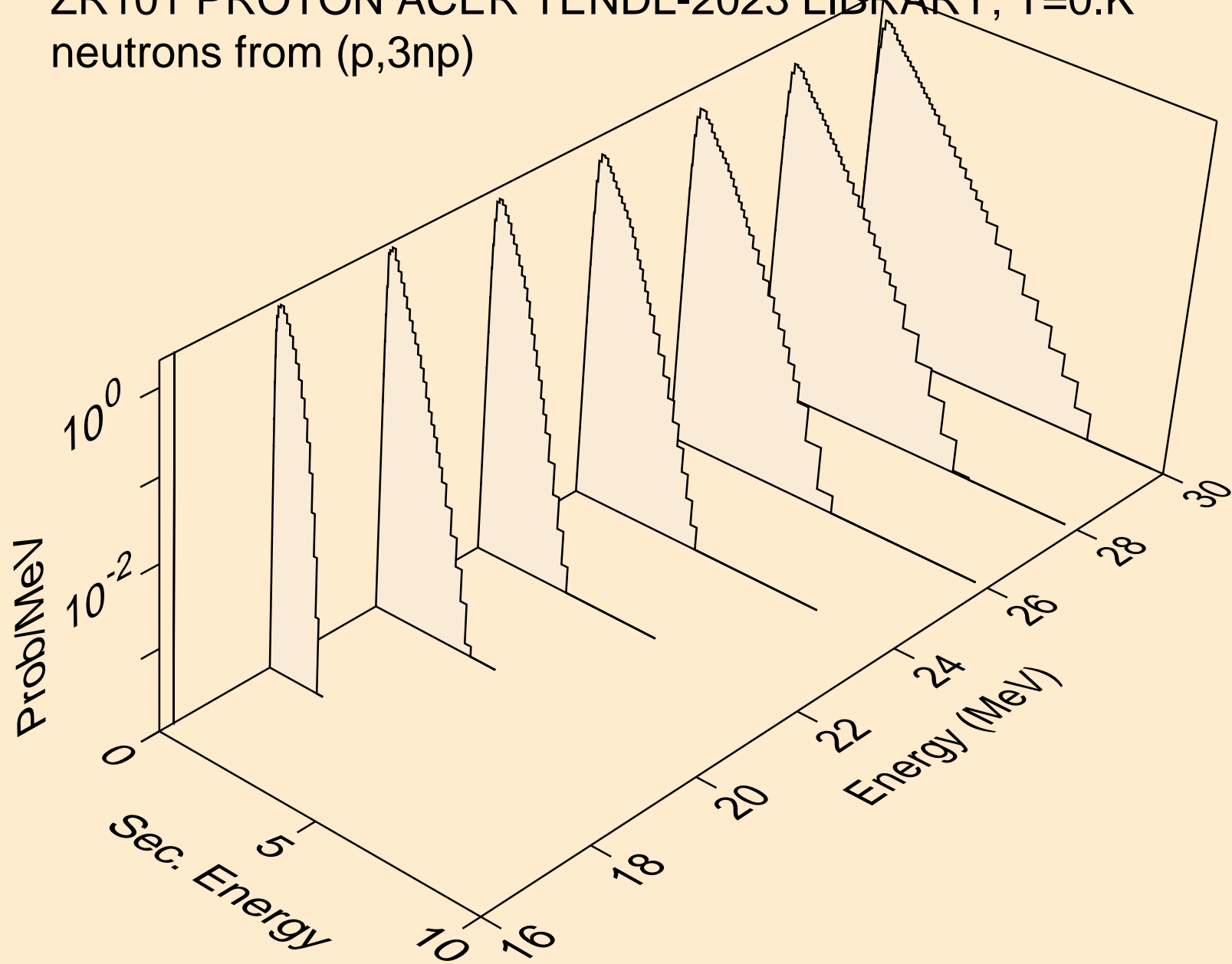
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,4n)



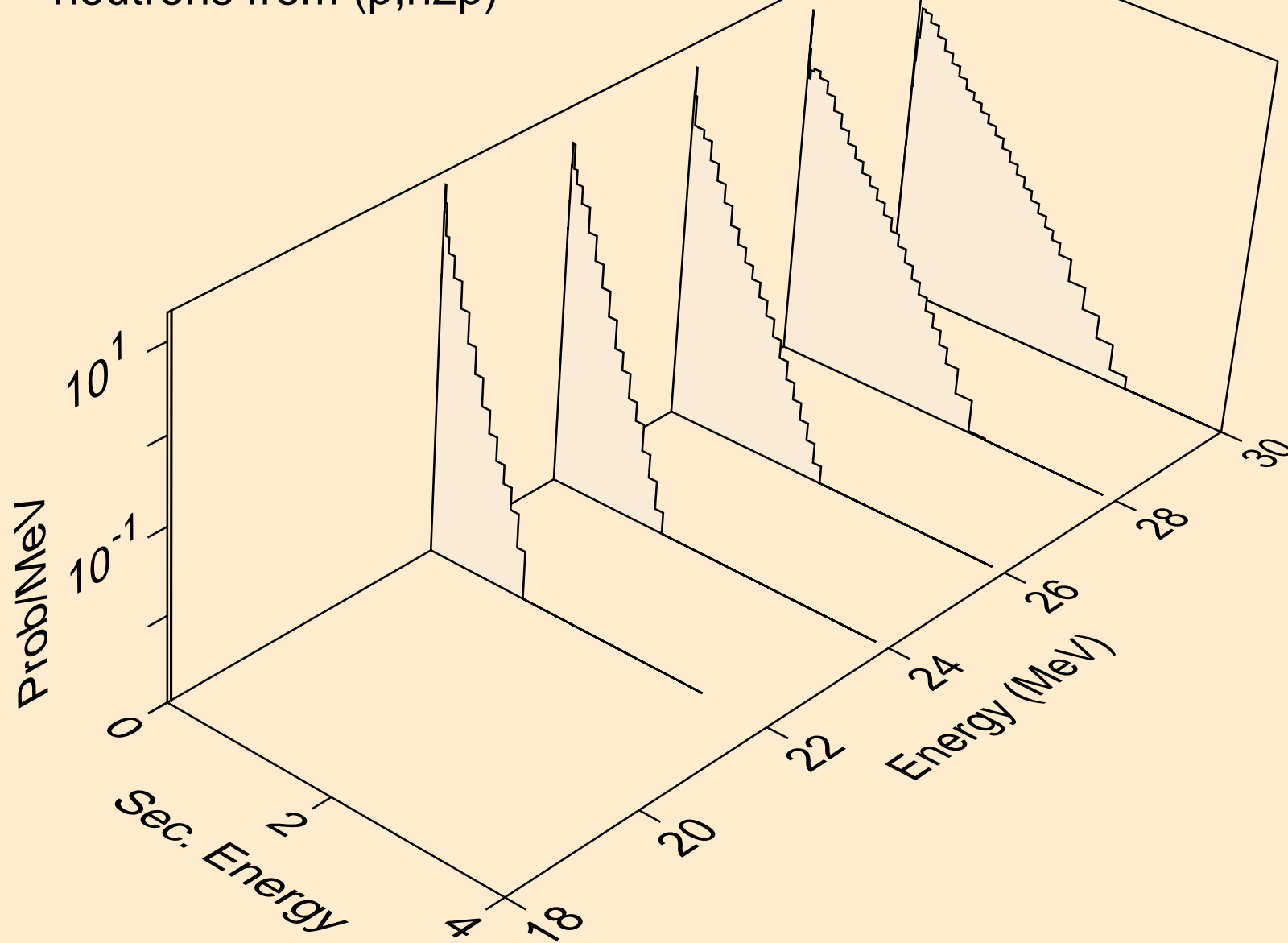
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2np)



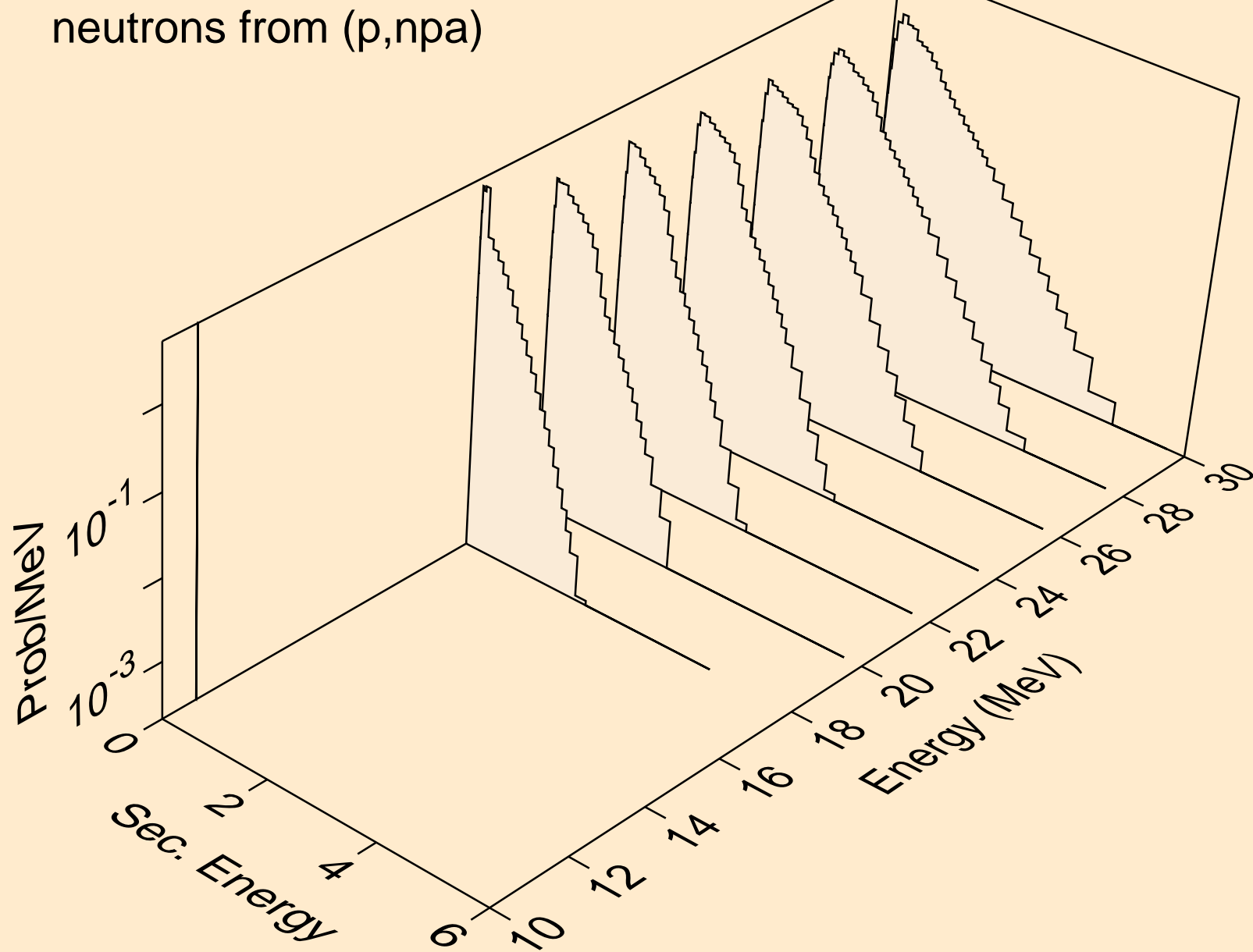
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3np)



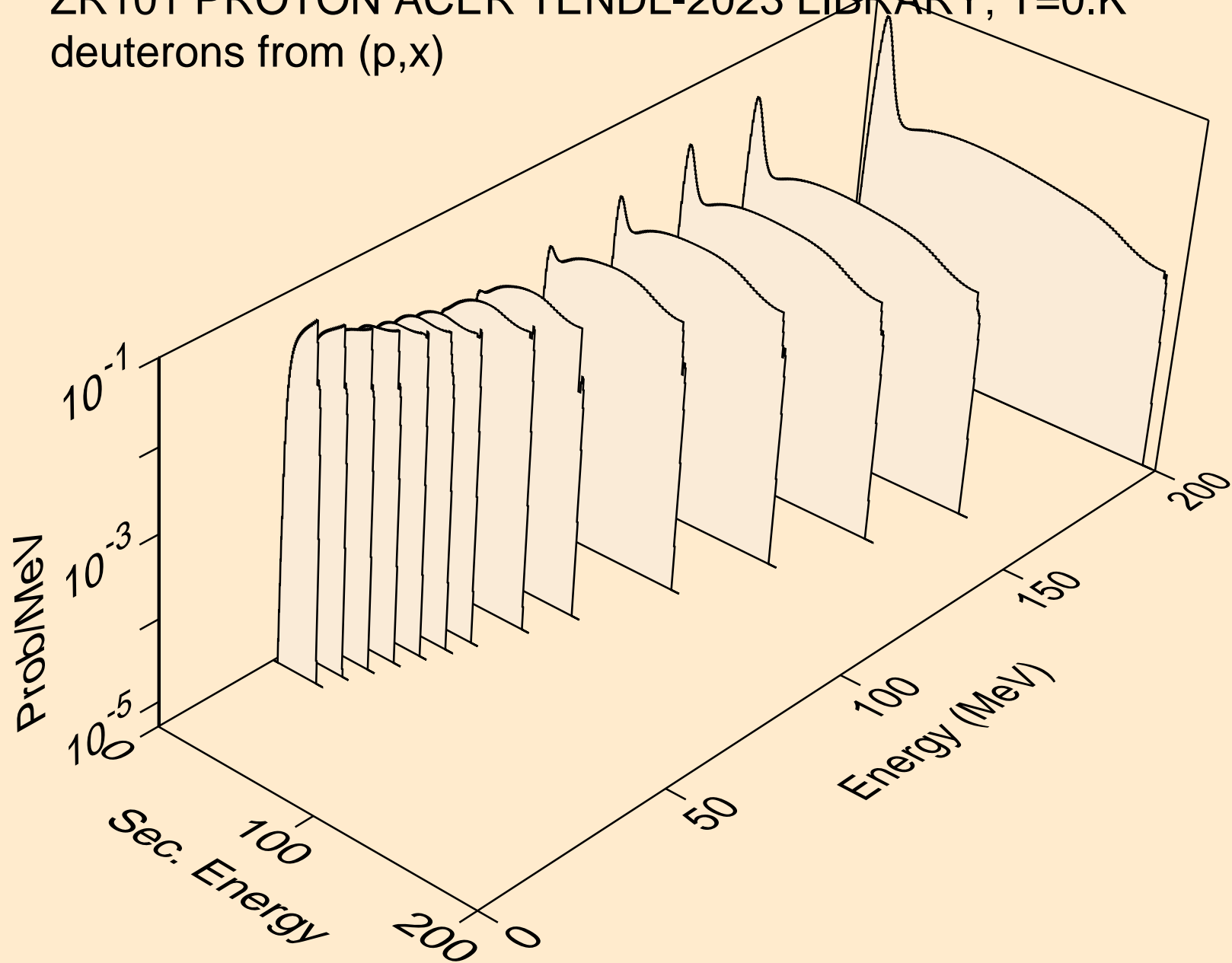
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n2p)



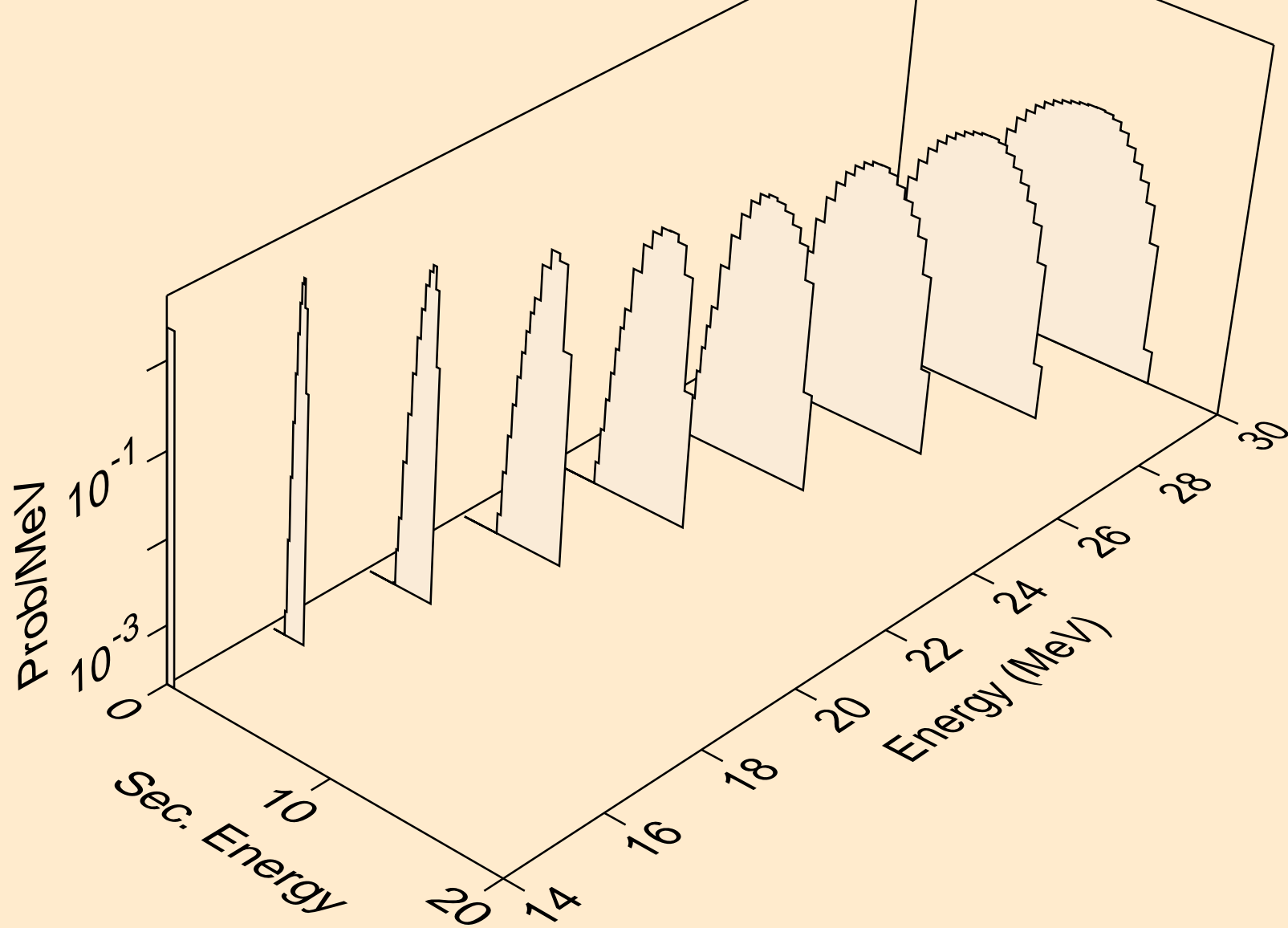
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,npa)



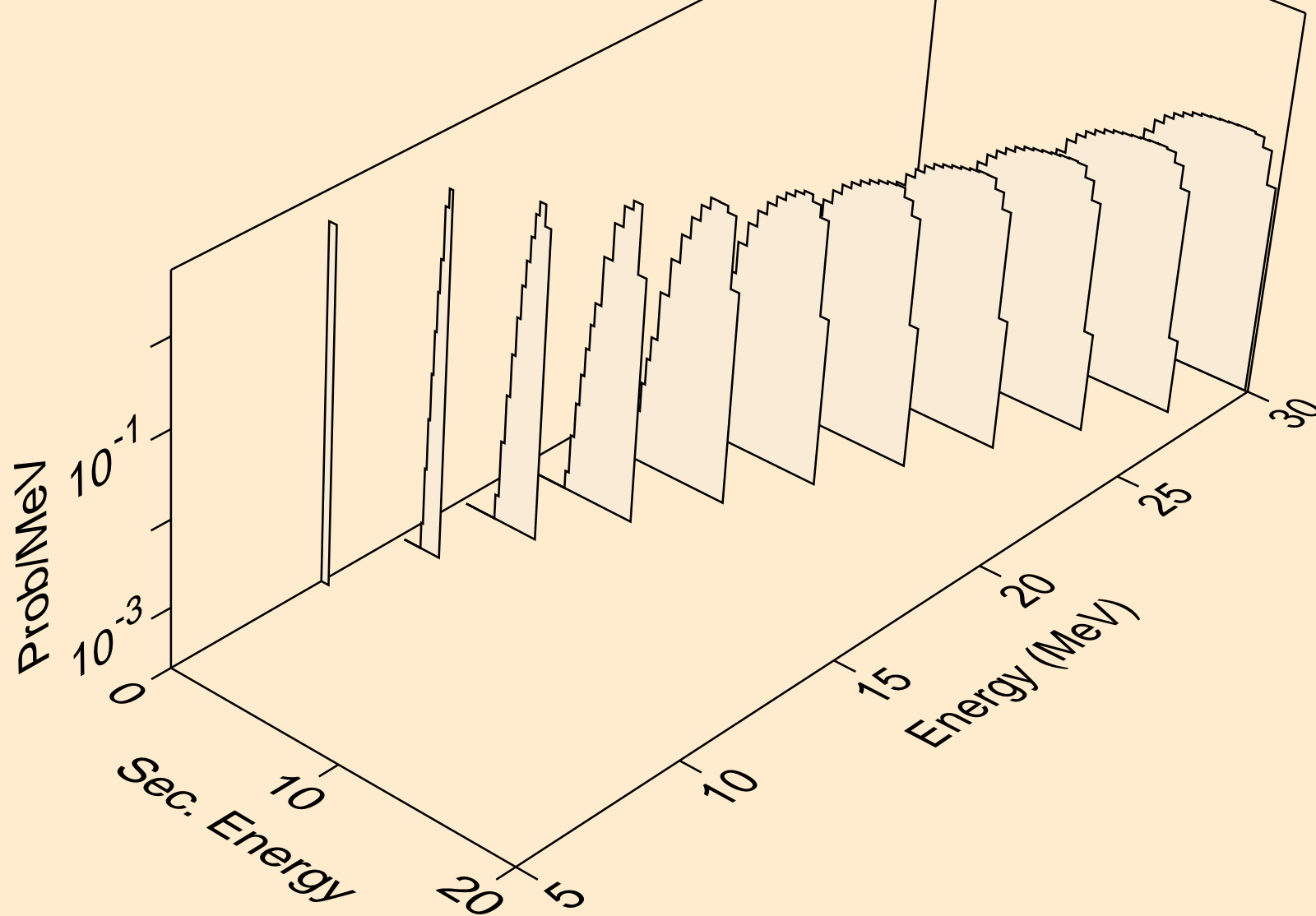
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



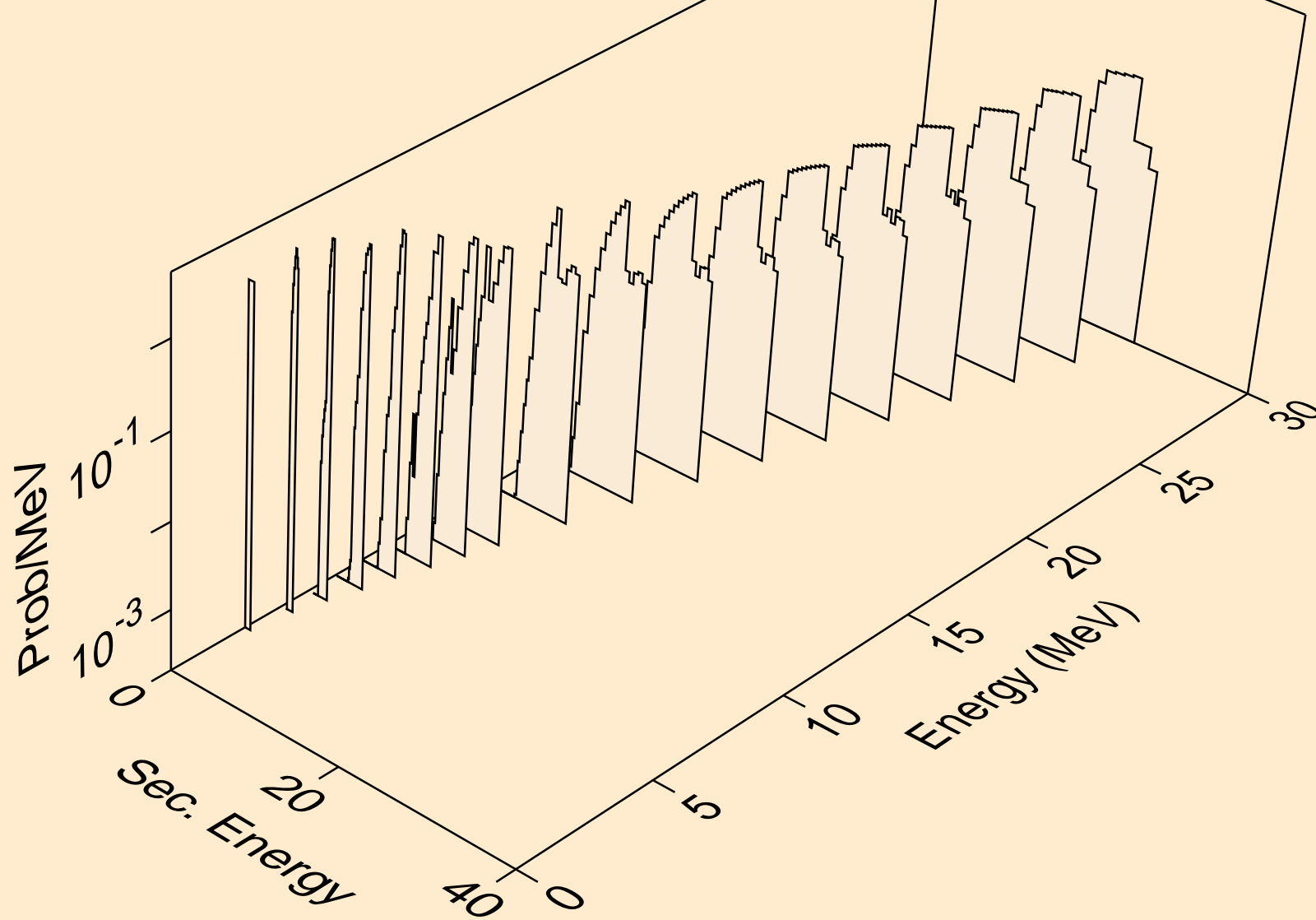
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,2nd)



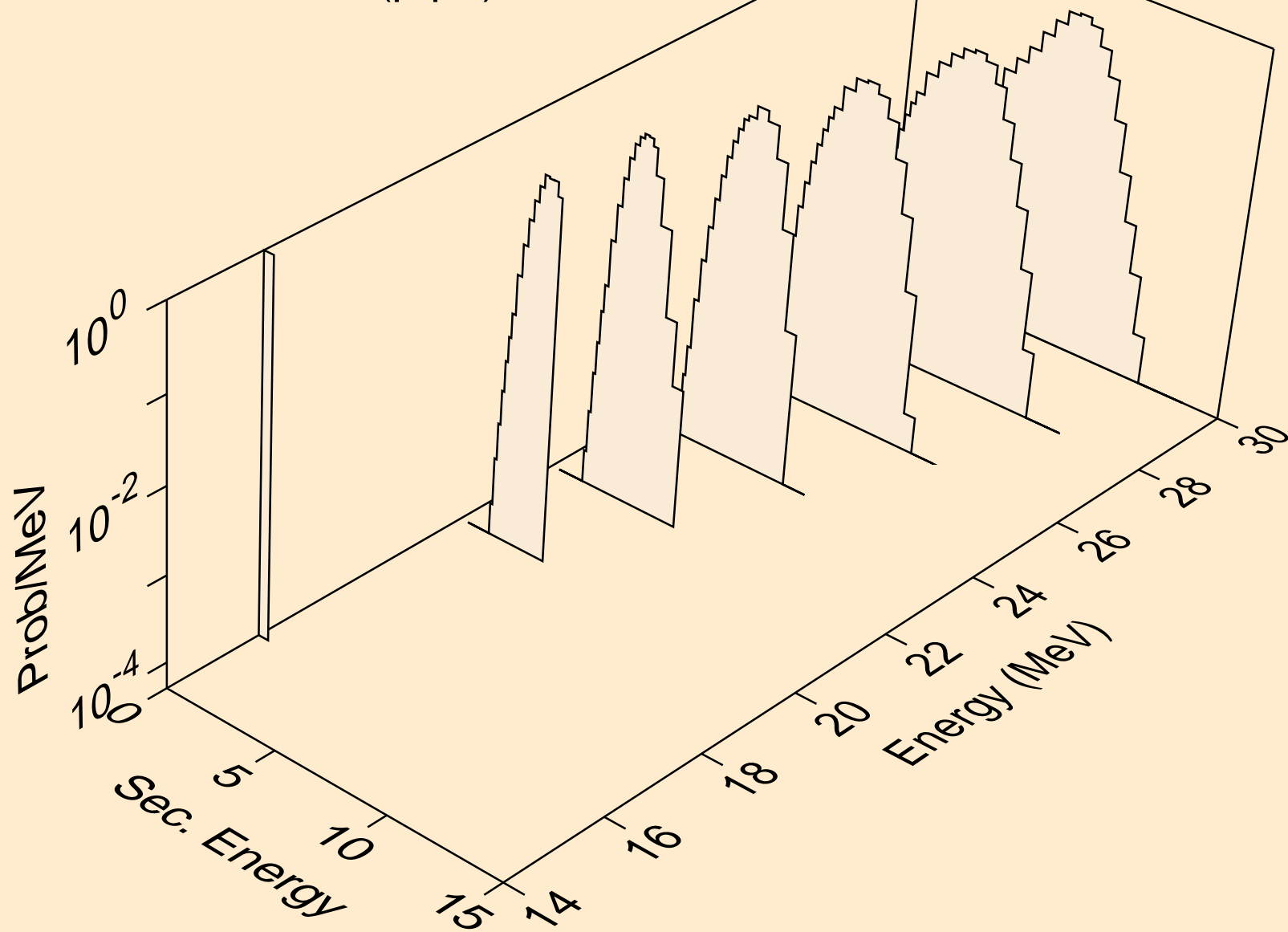
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,n*)d



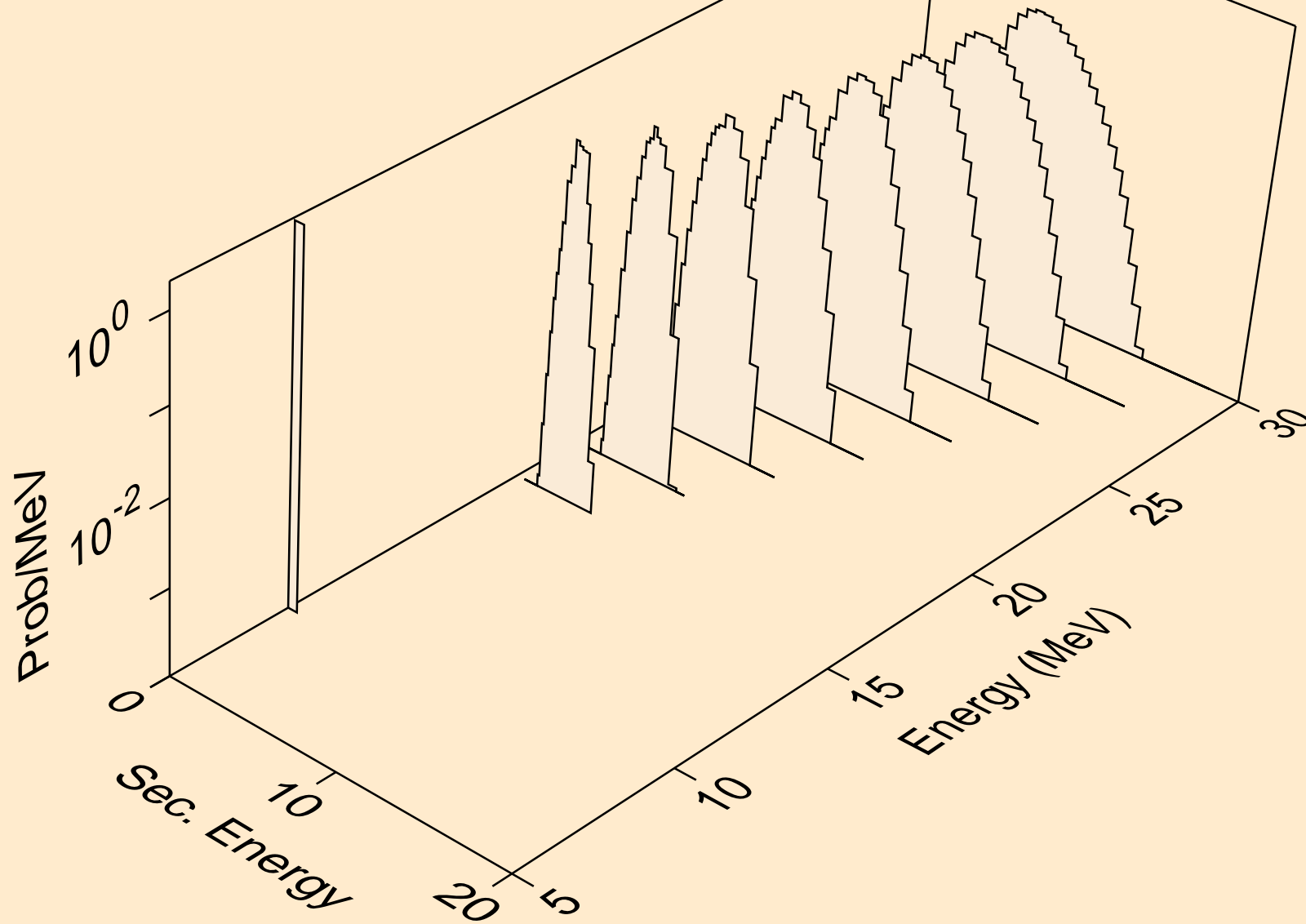
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,d)



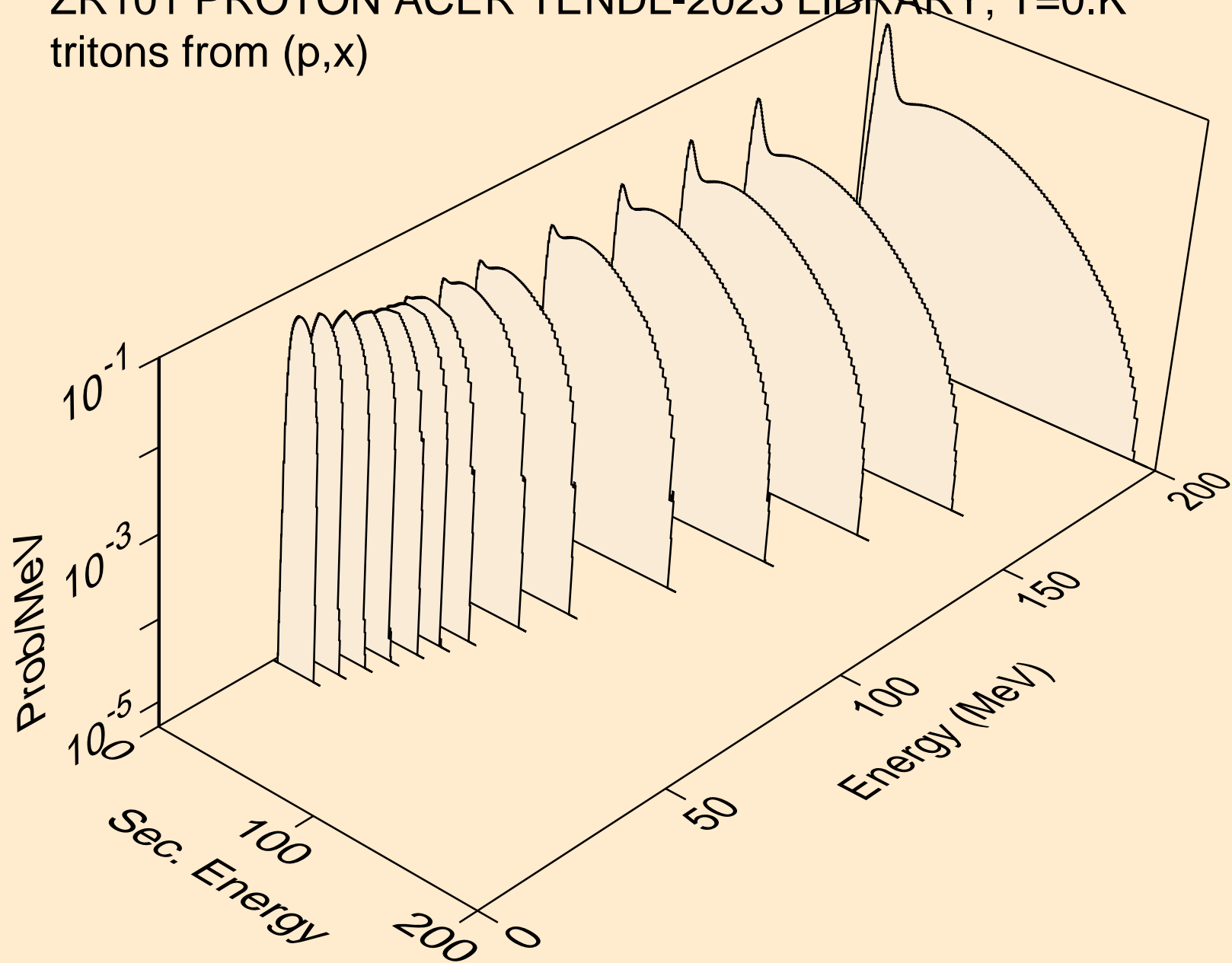
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,pd)



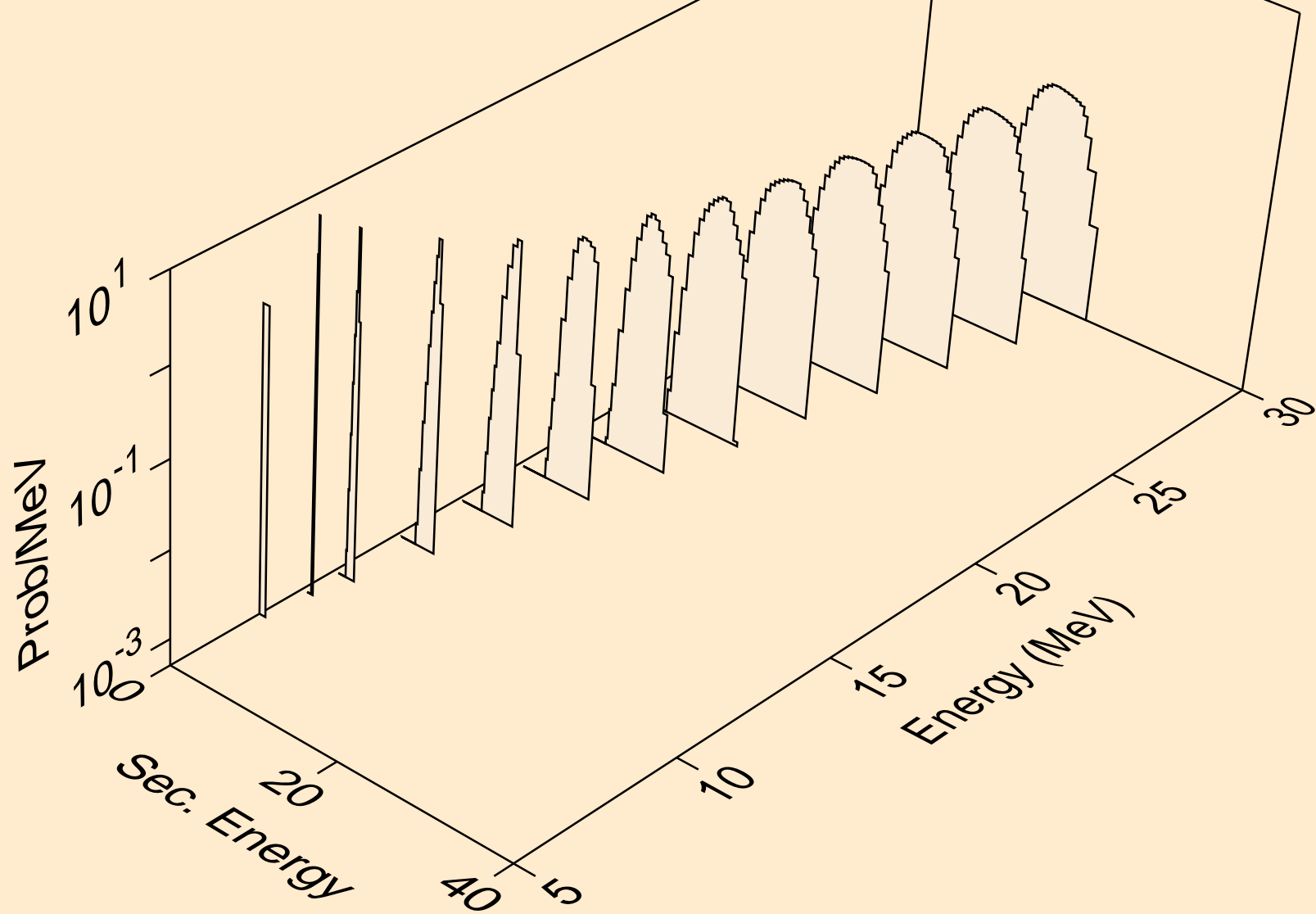
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,da)



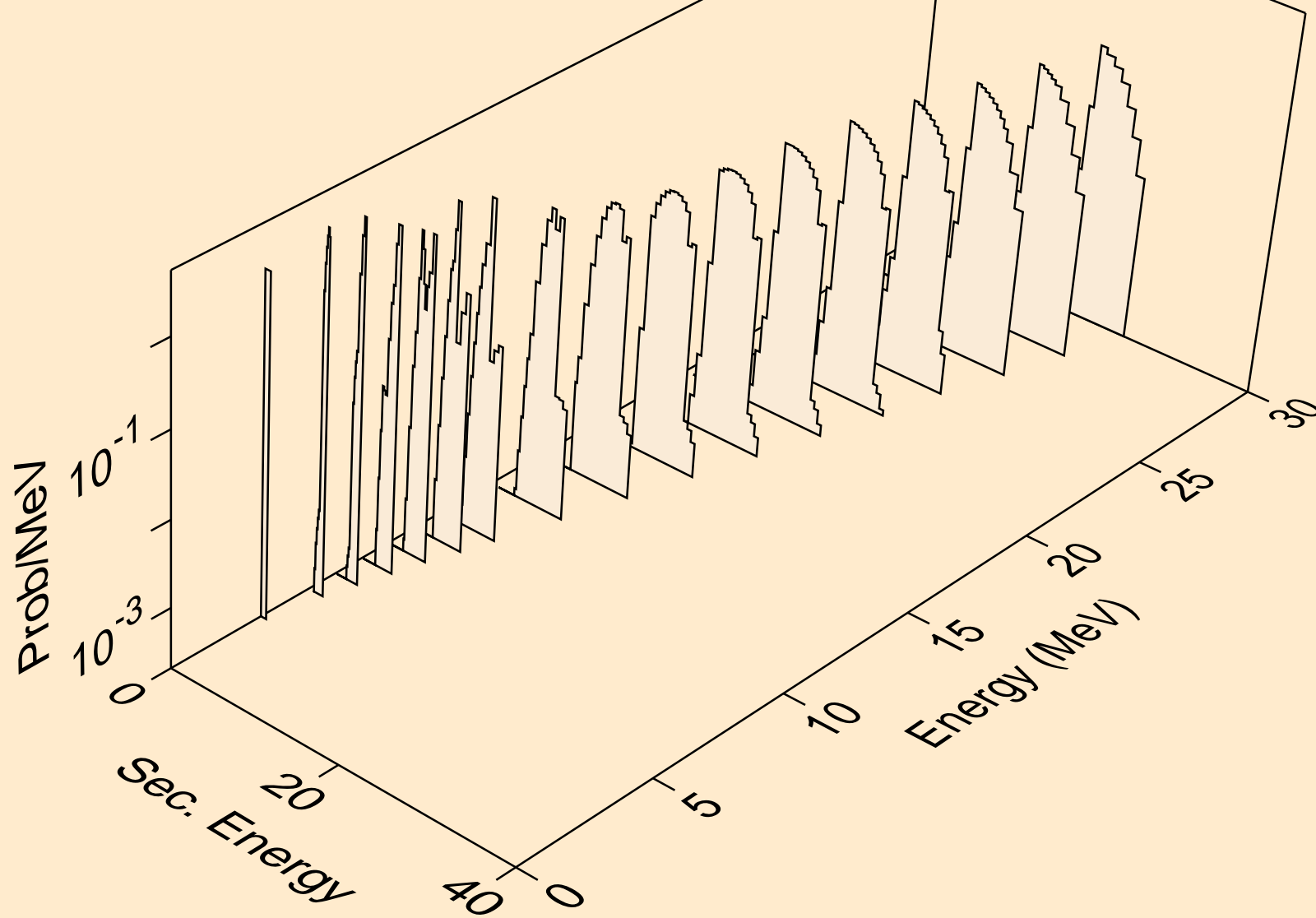
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



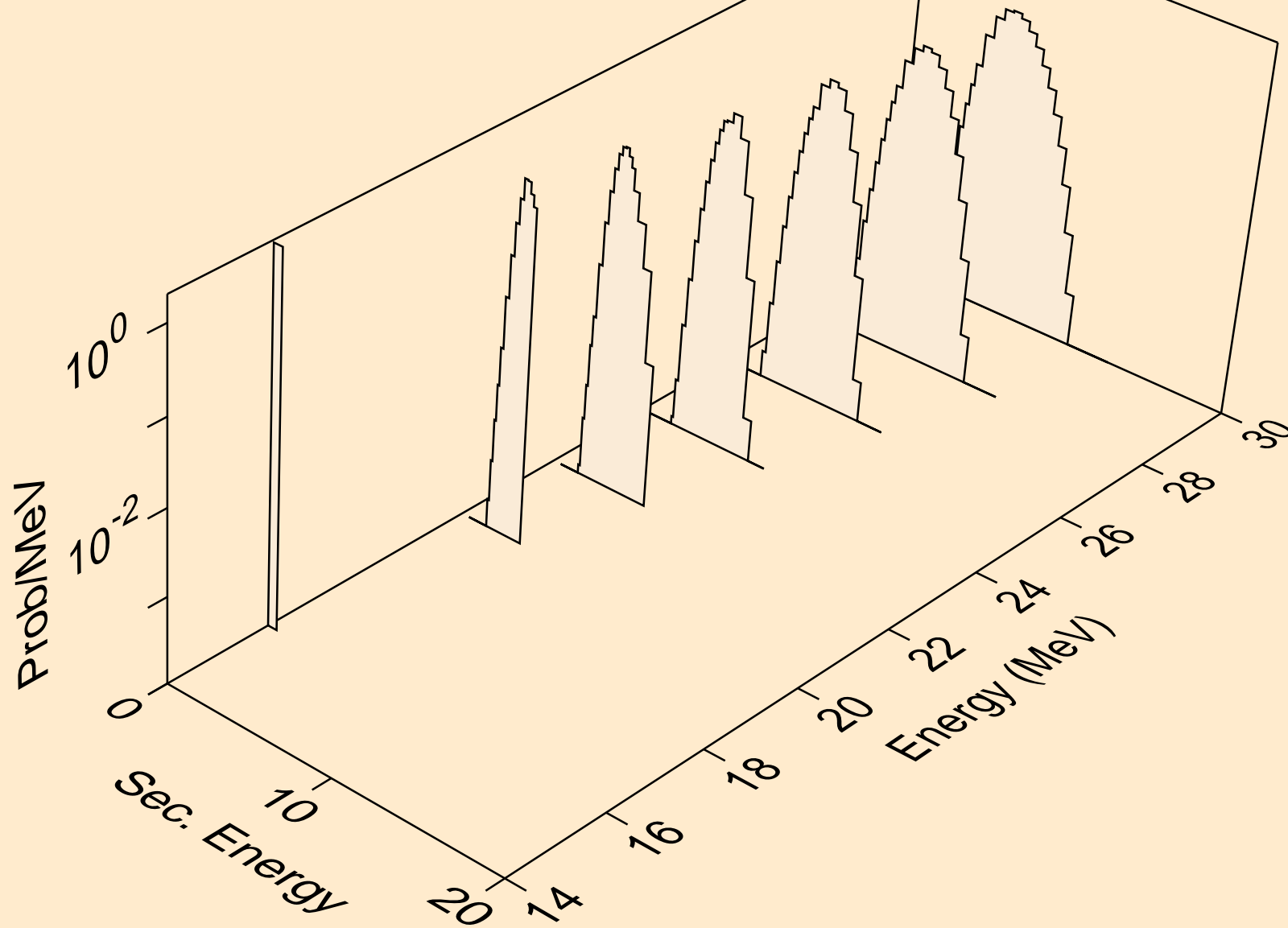
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t



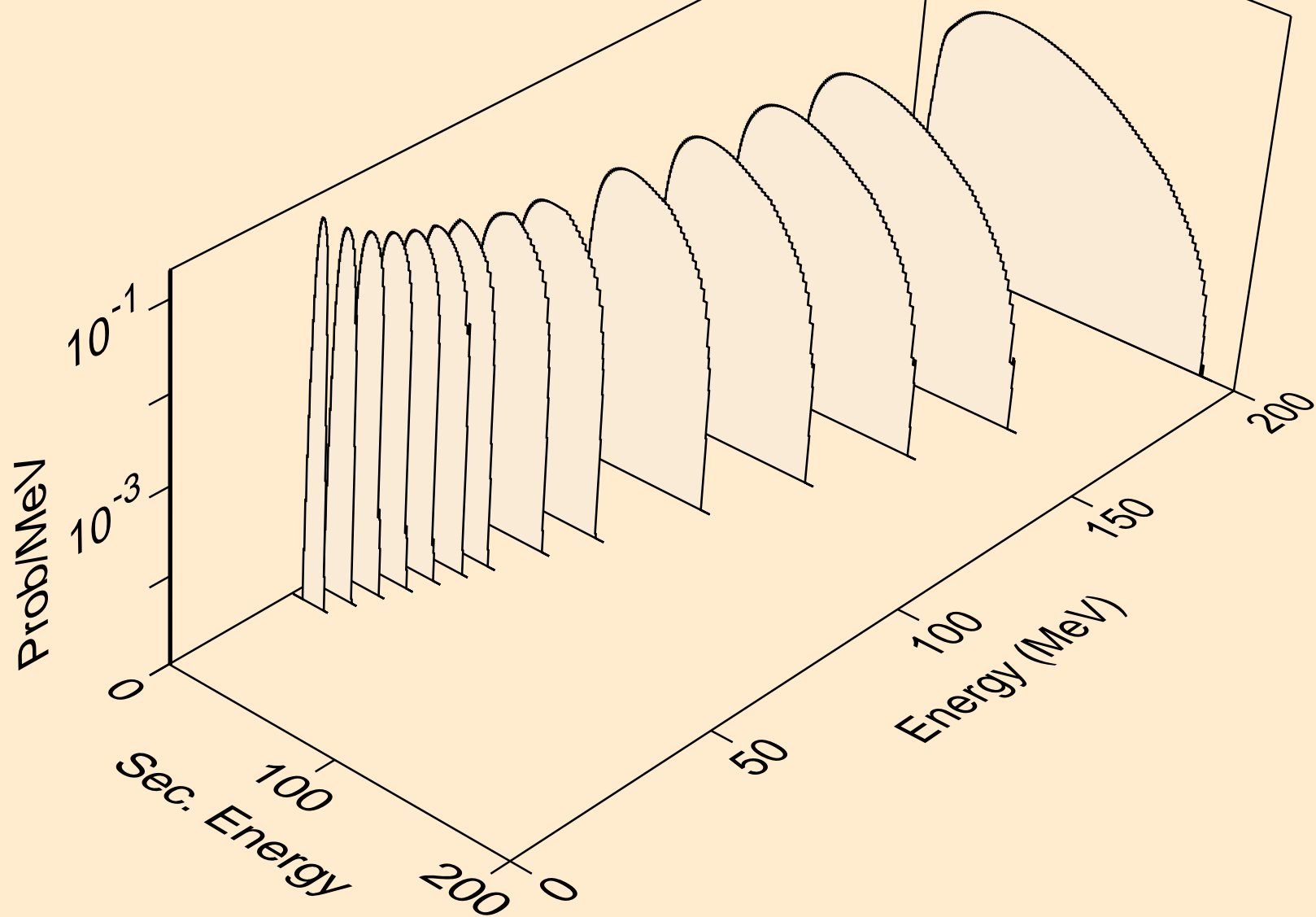
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



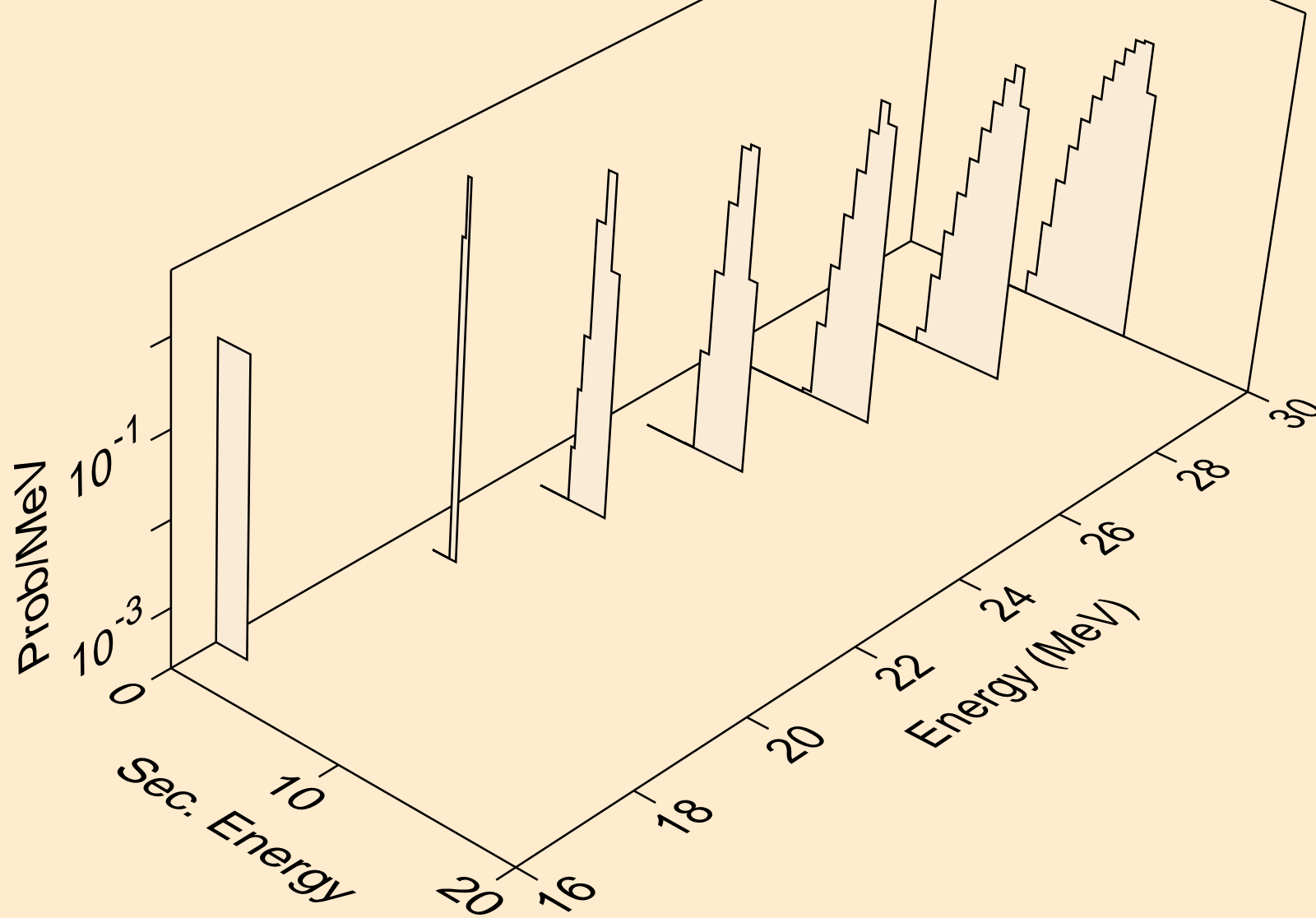
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,pt)



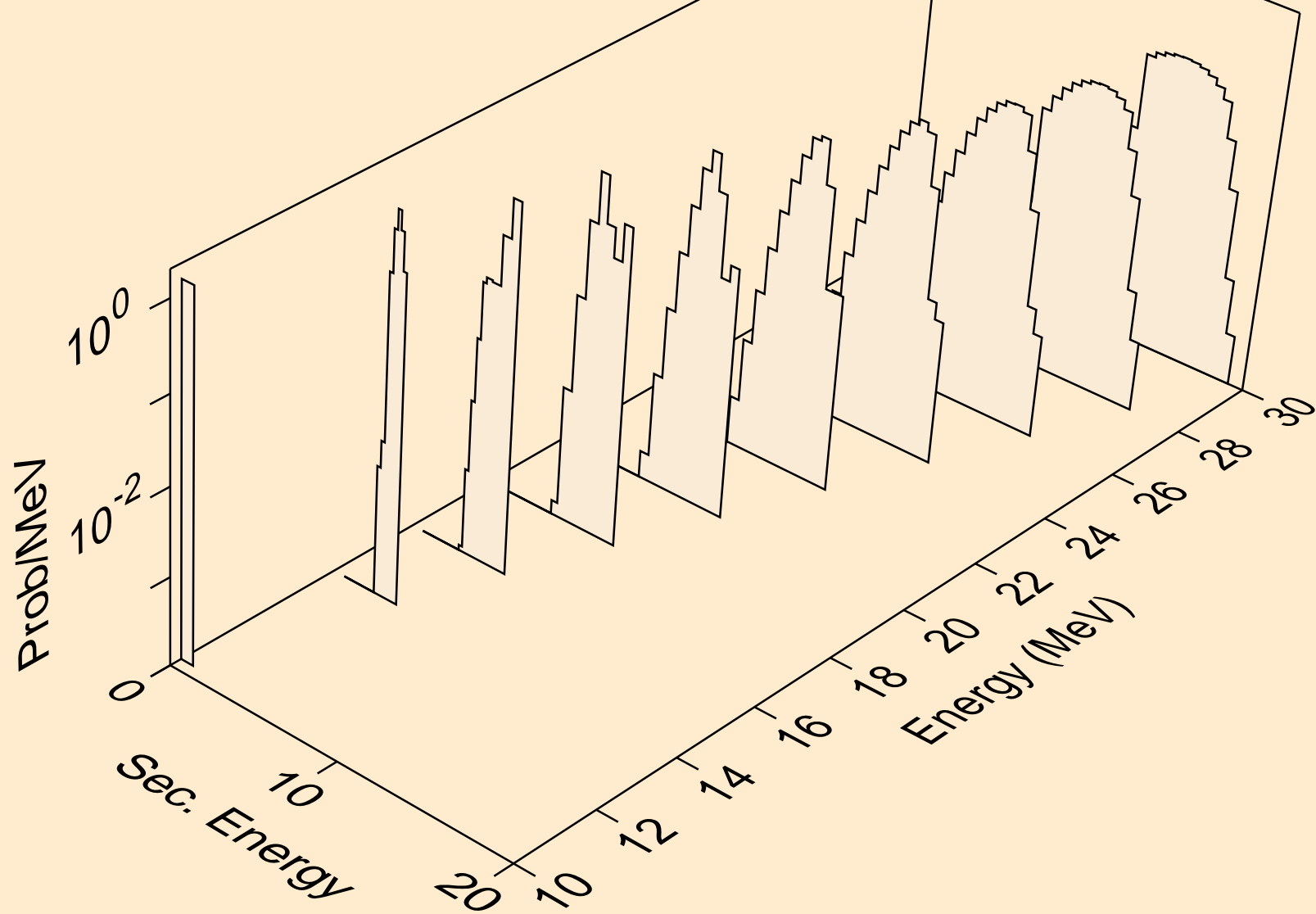
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



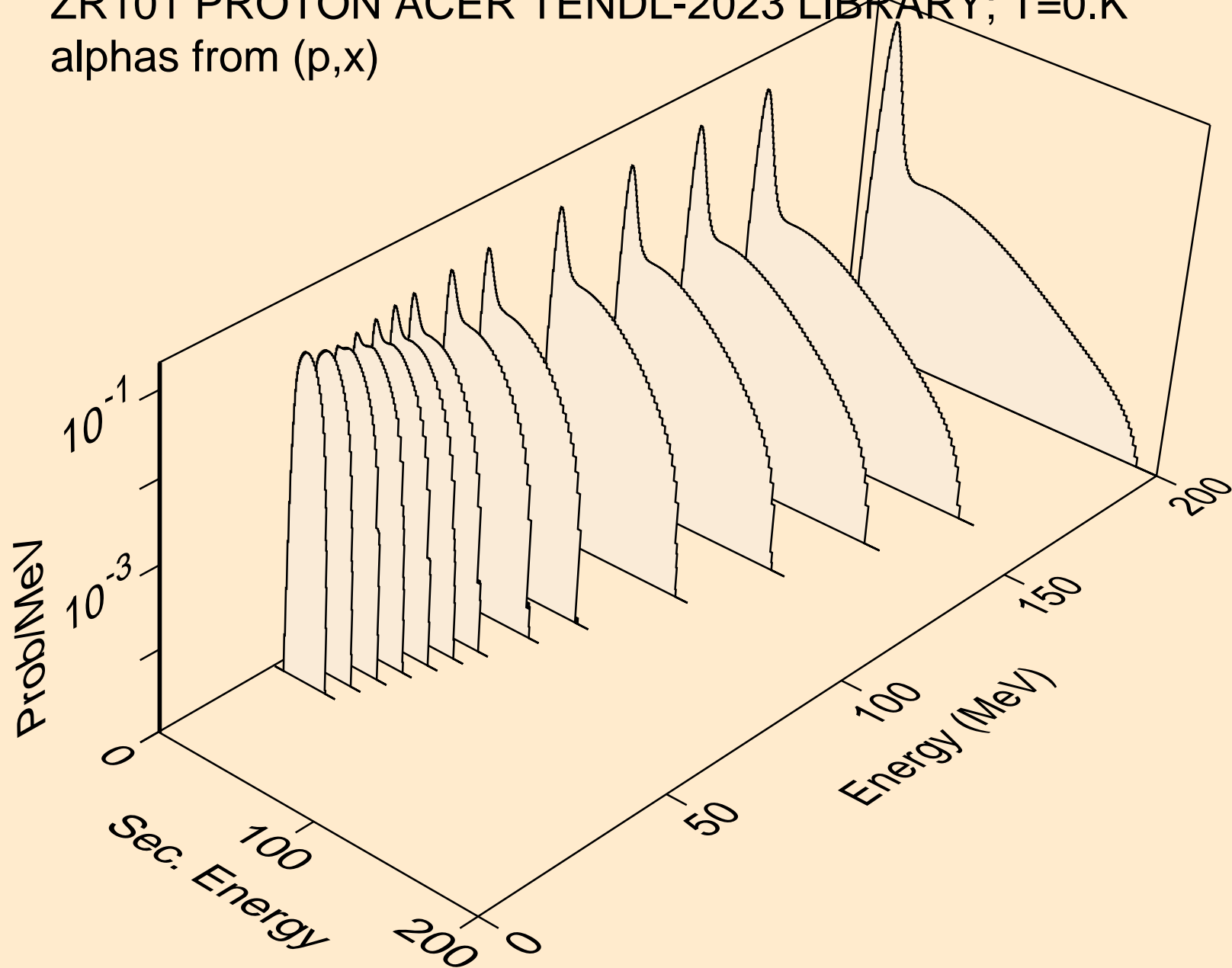
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



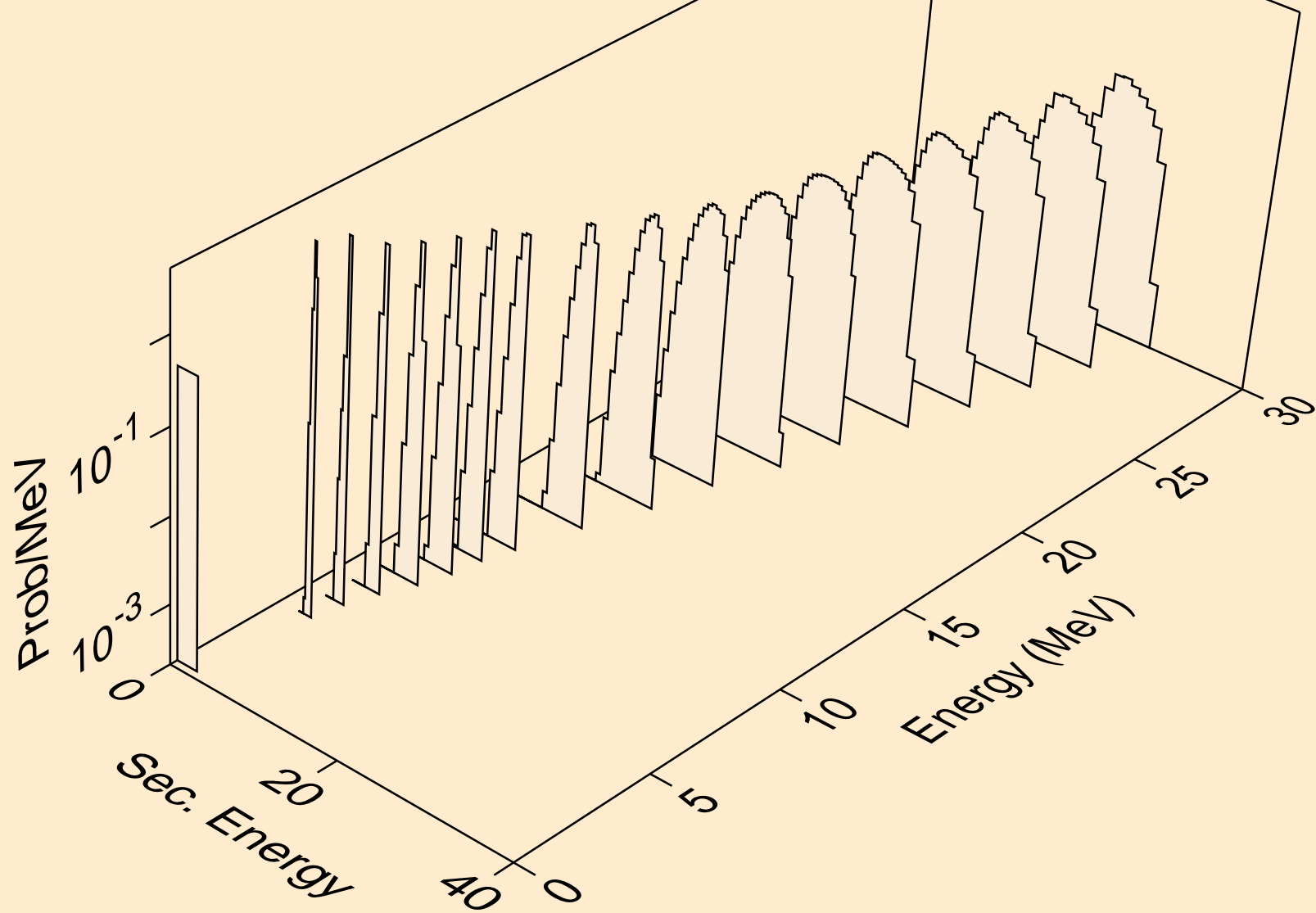
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



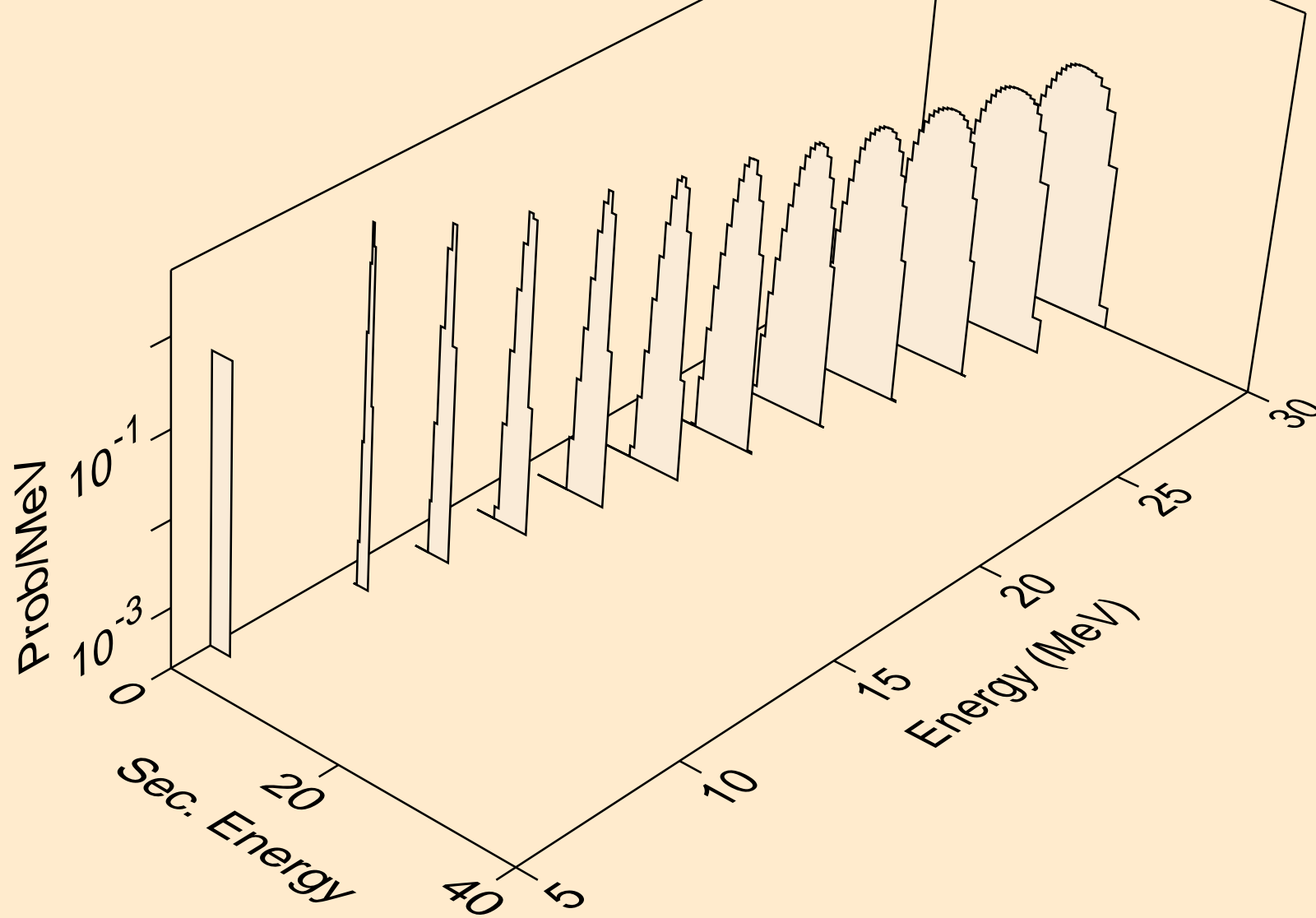
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



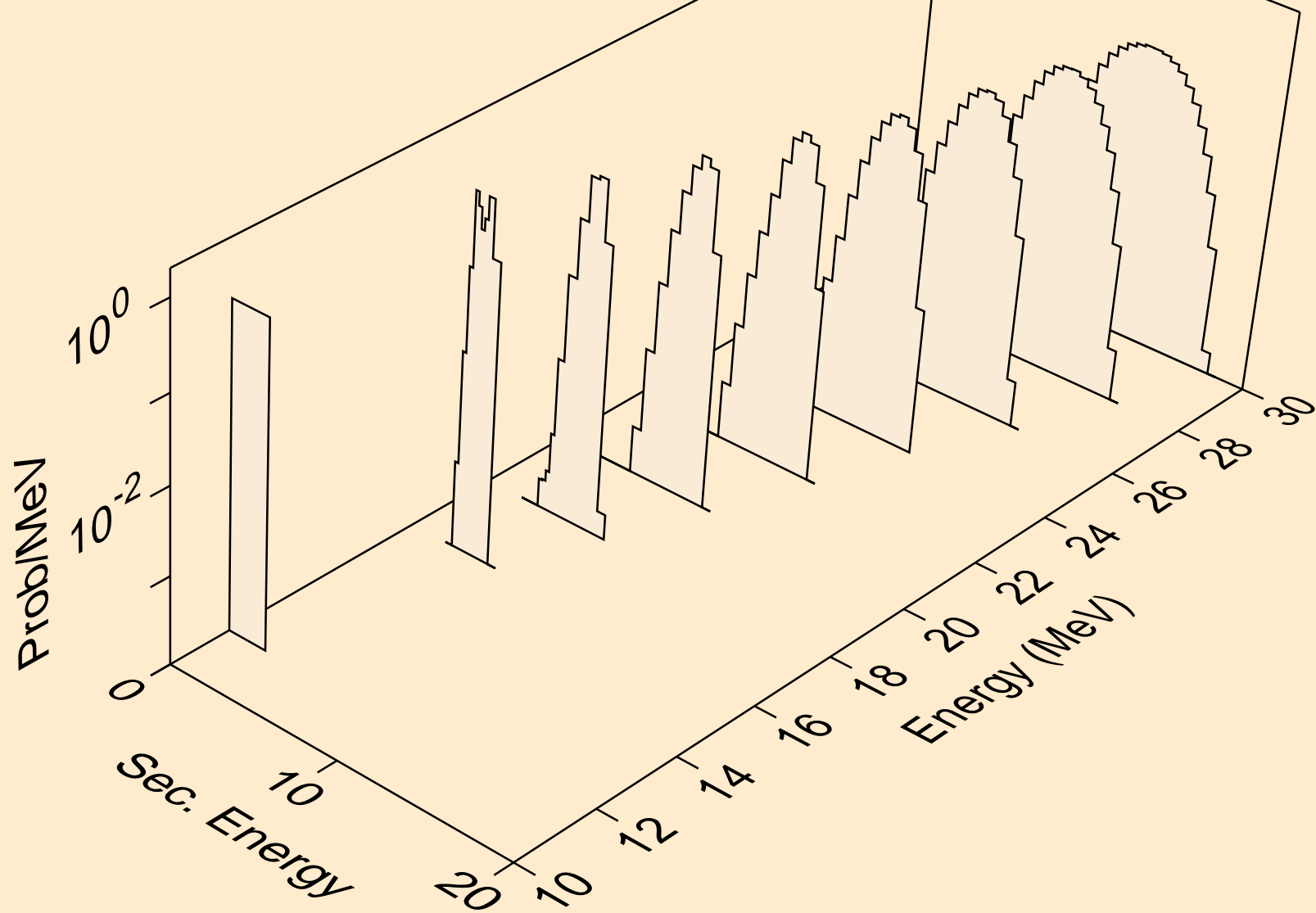
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



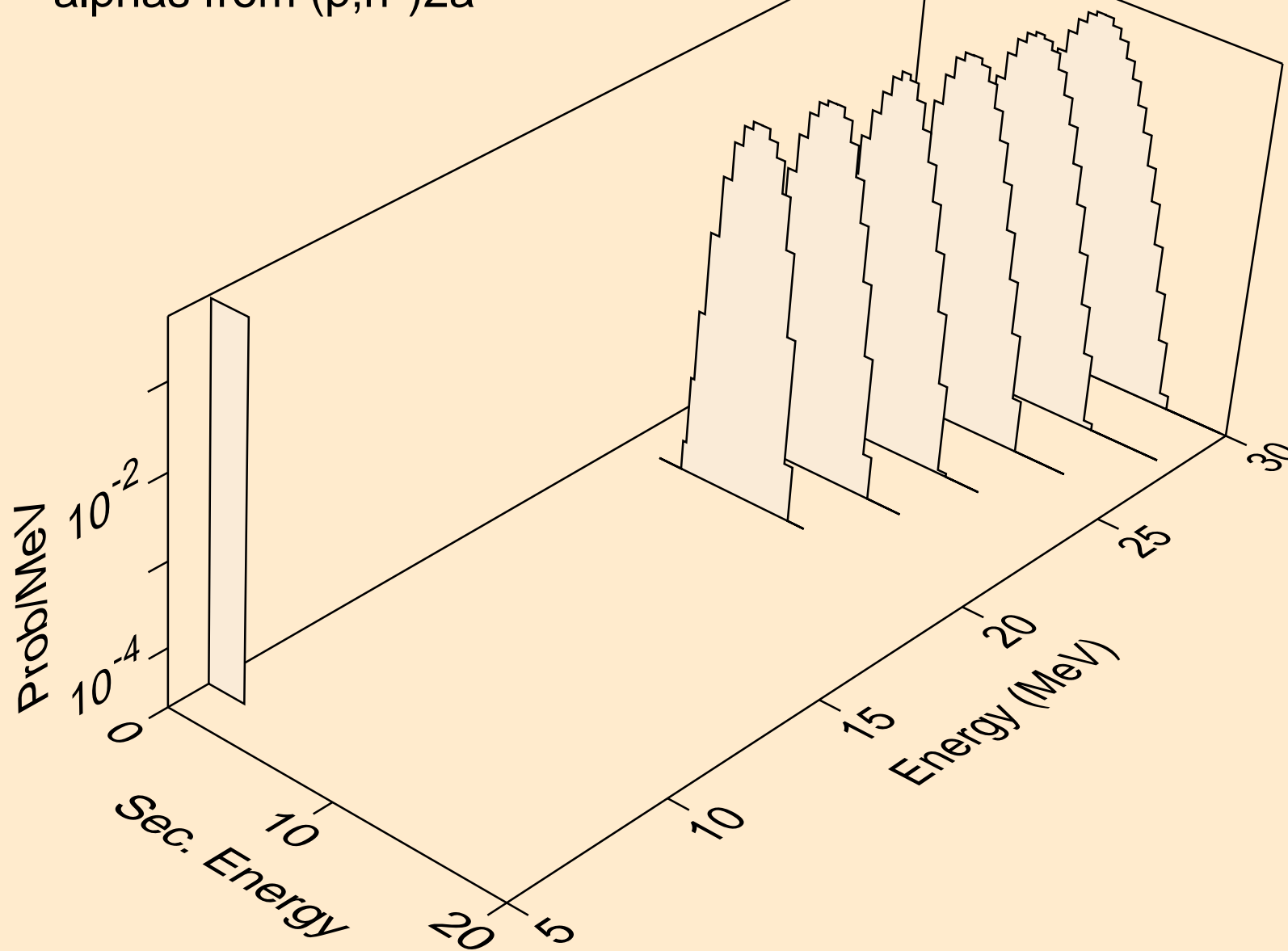
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



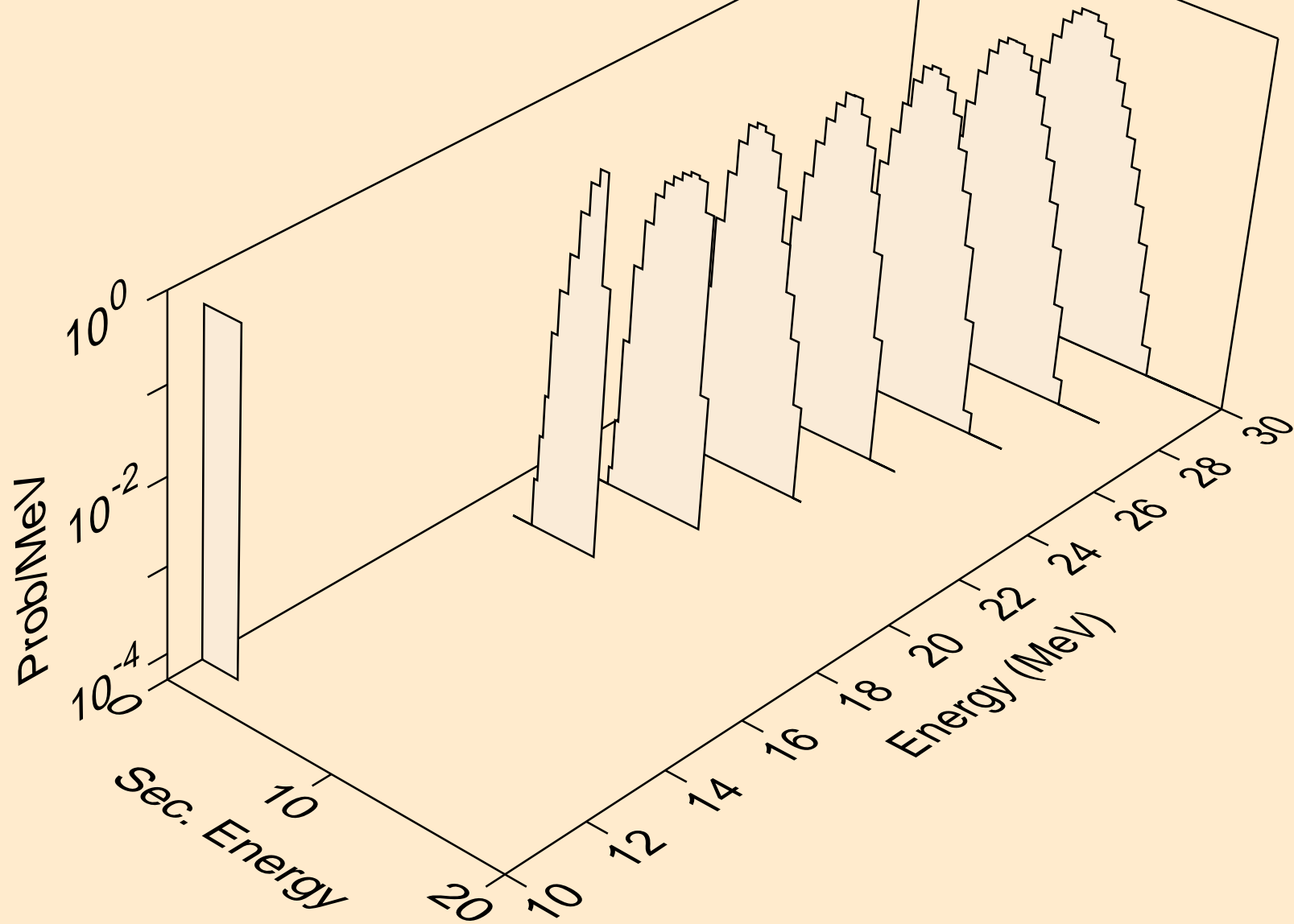
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



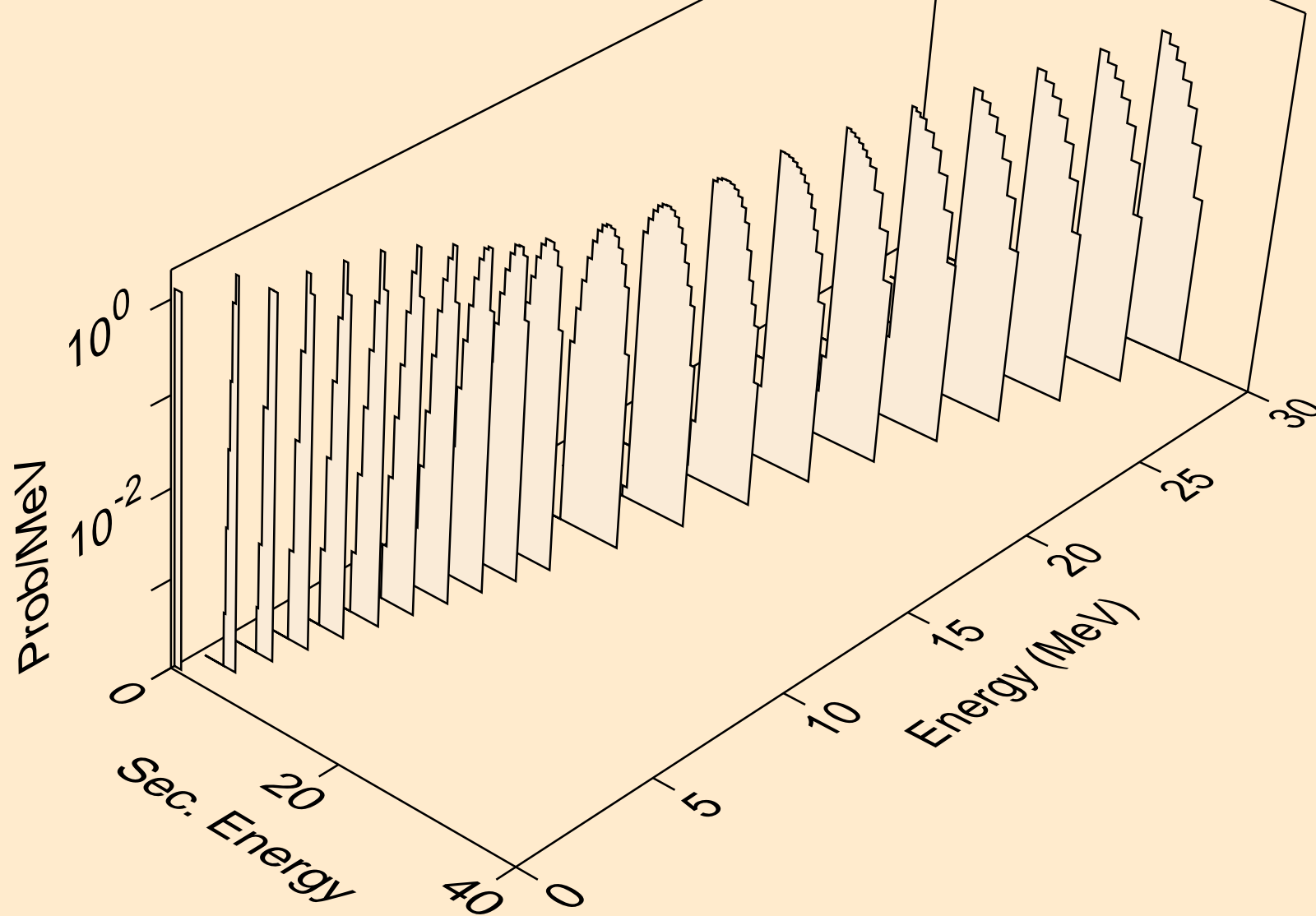
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)2a



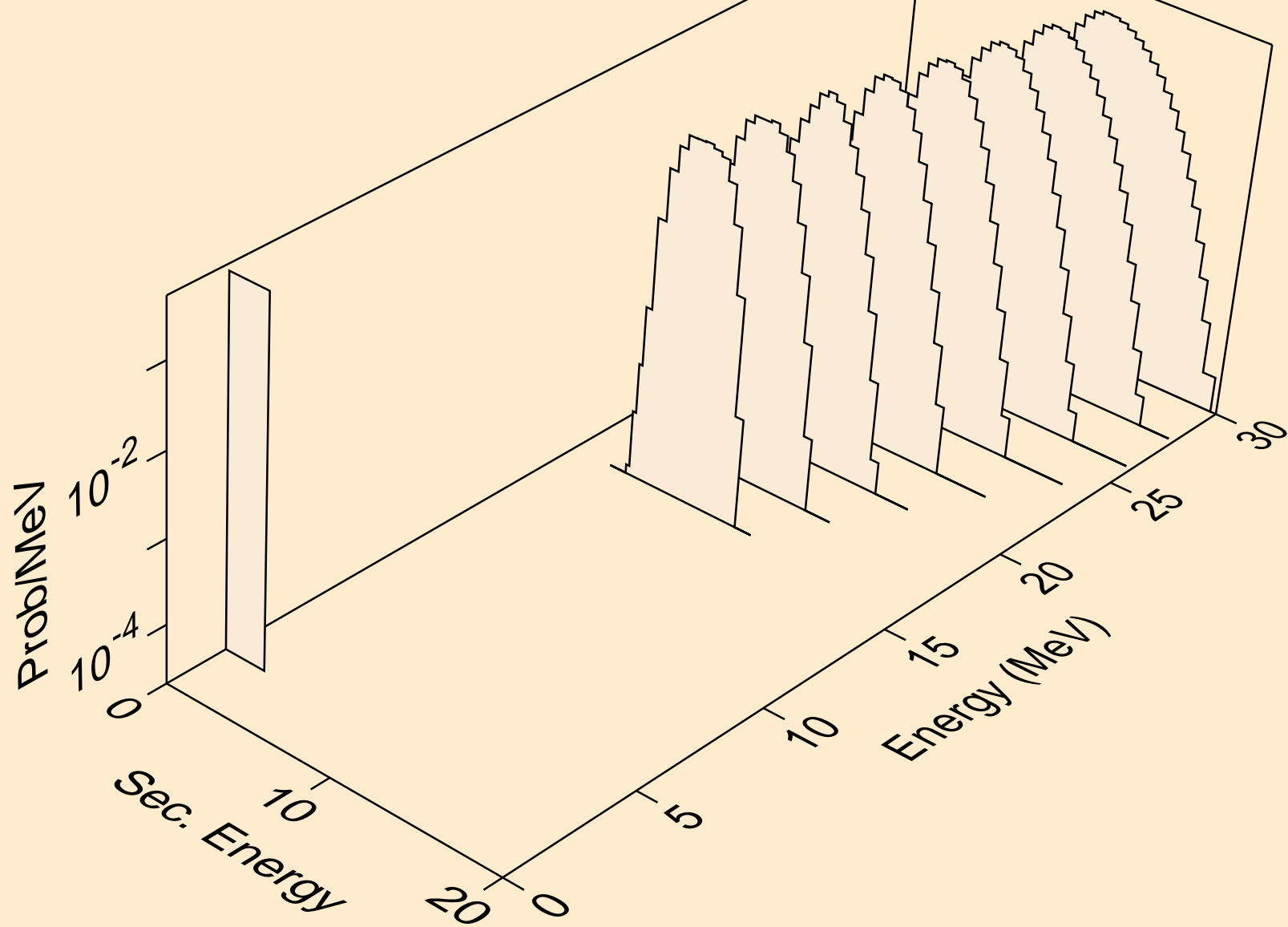
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,npa)



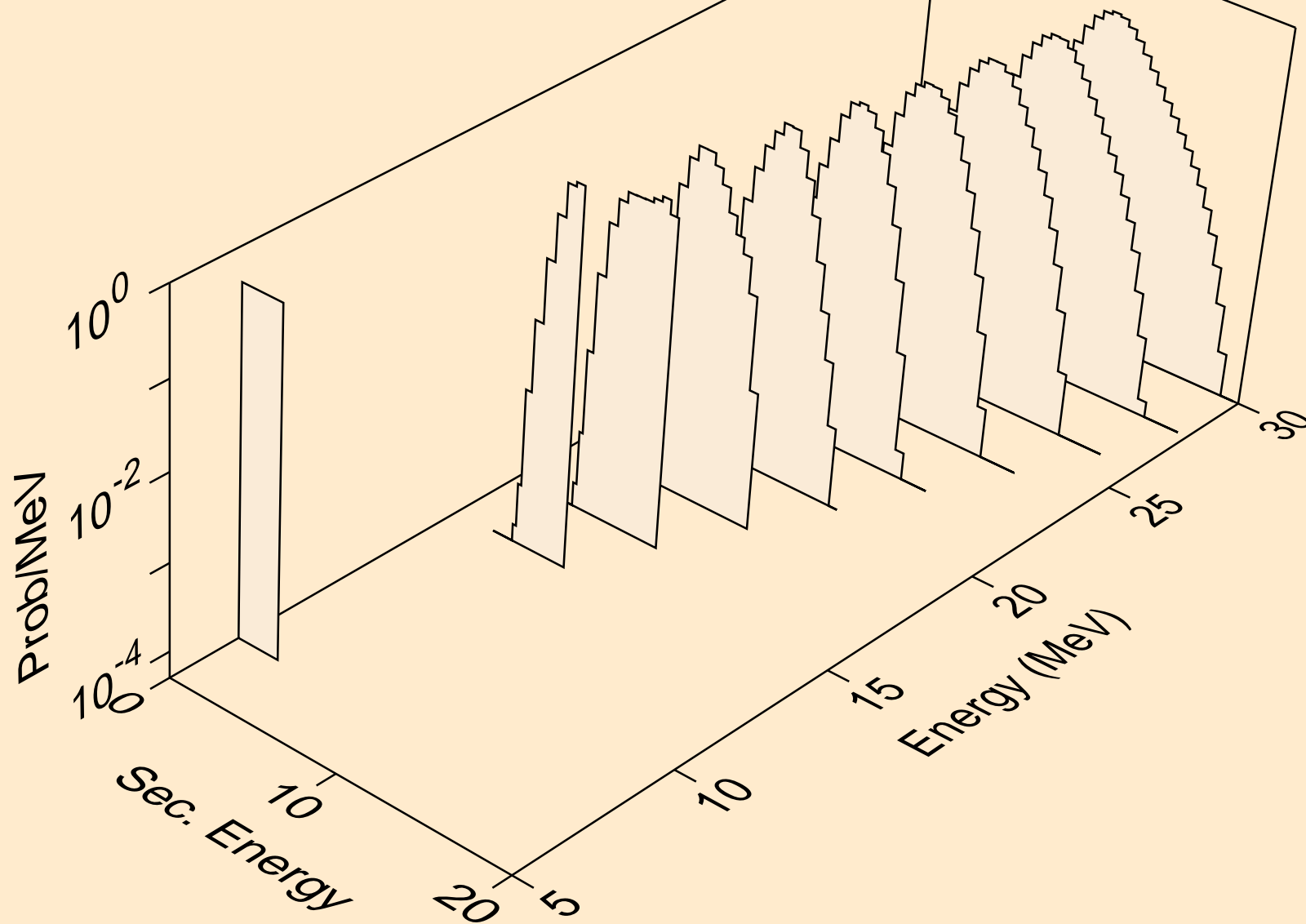
ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)



ZR101 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,da)

