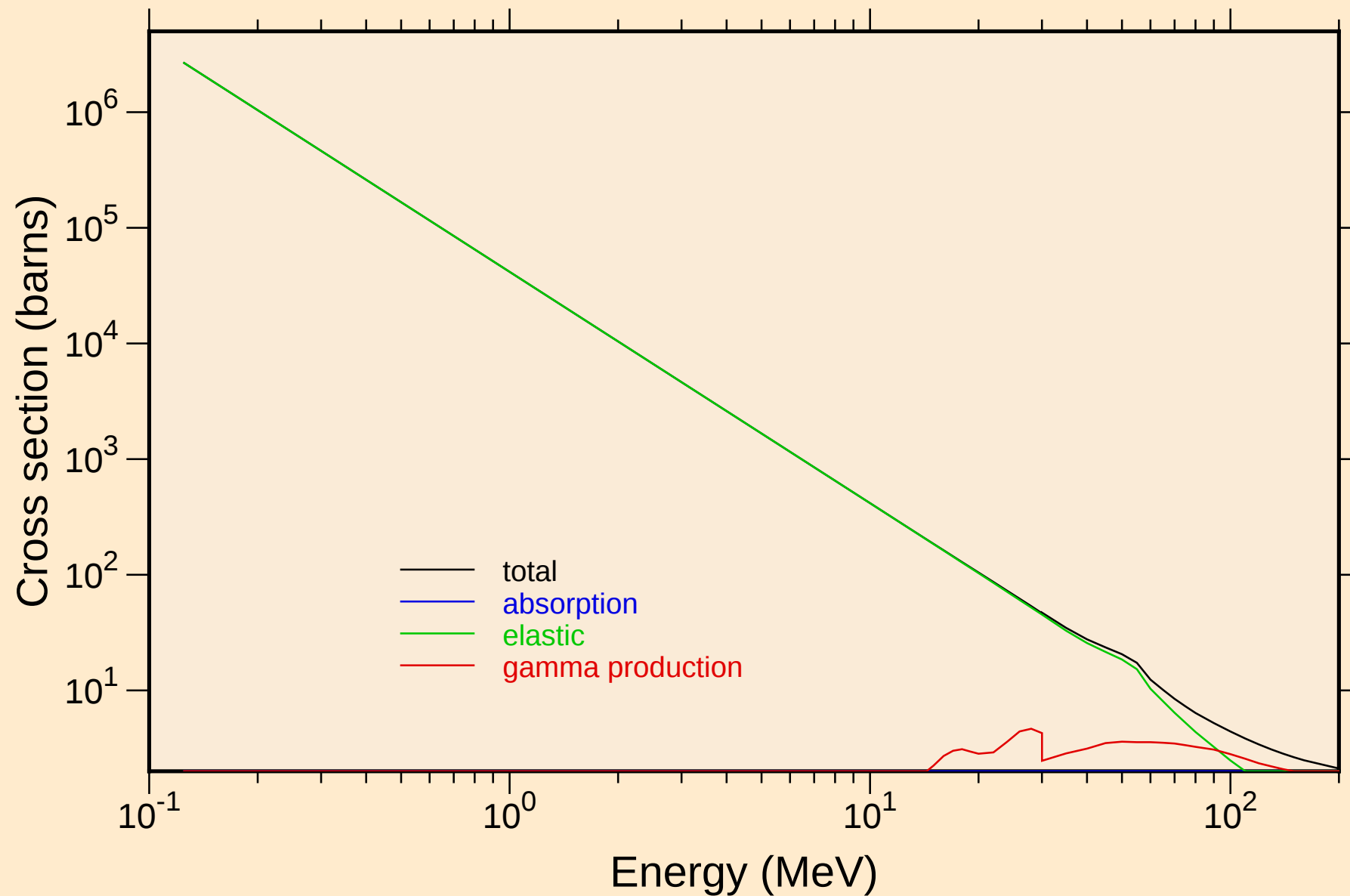


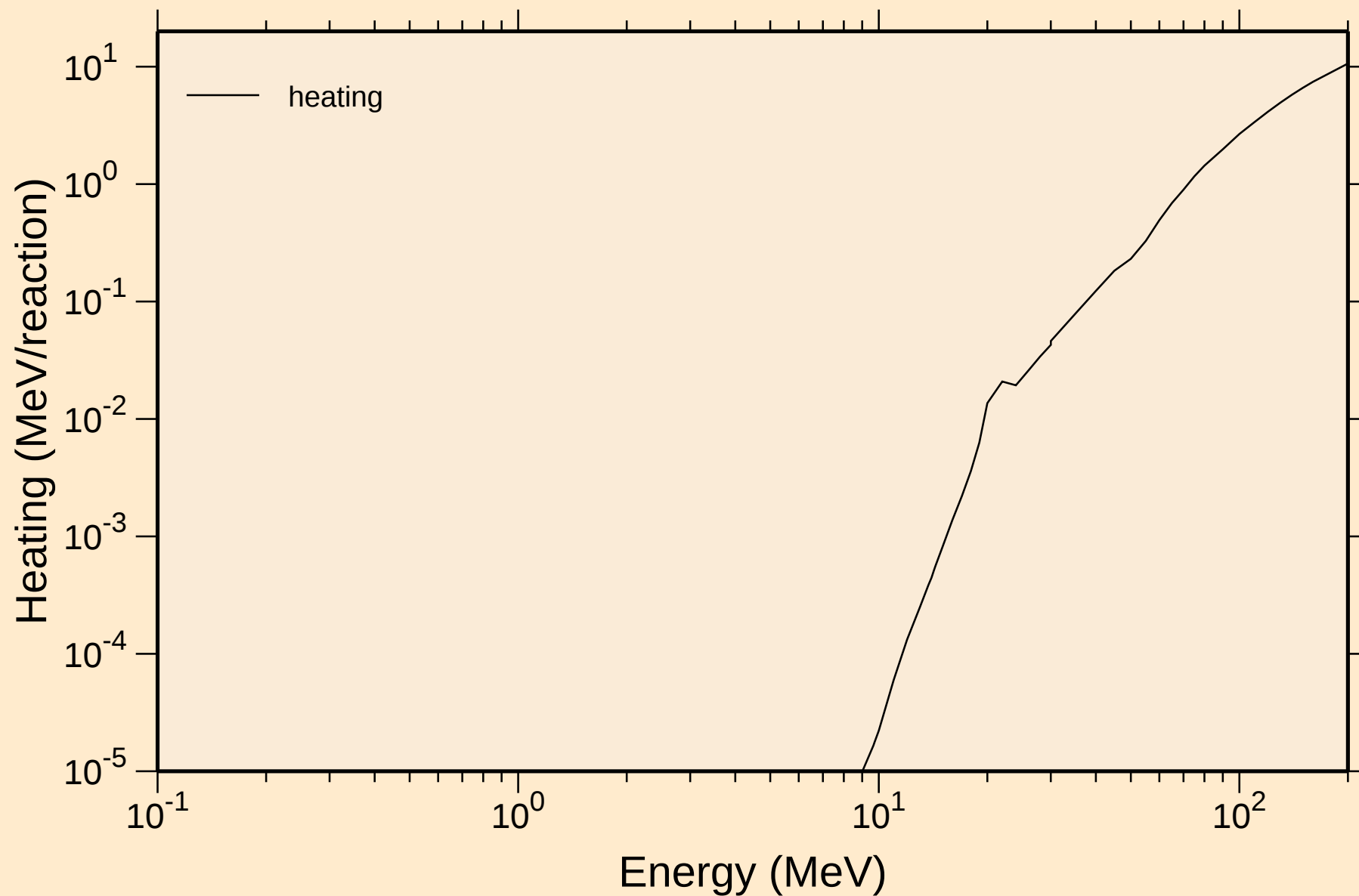
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



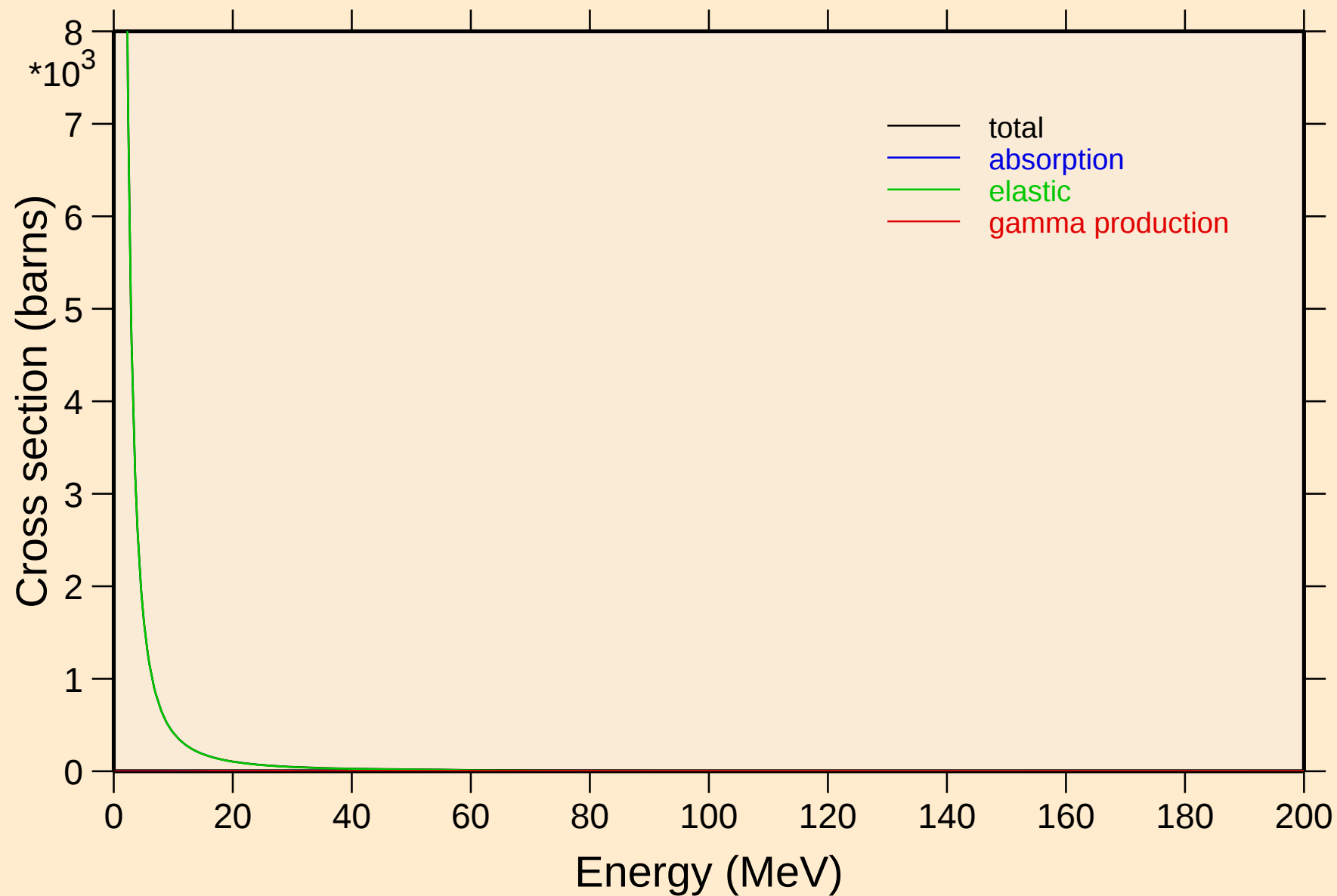
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



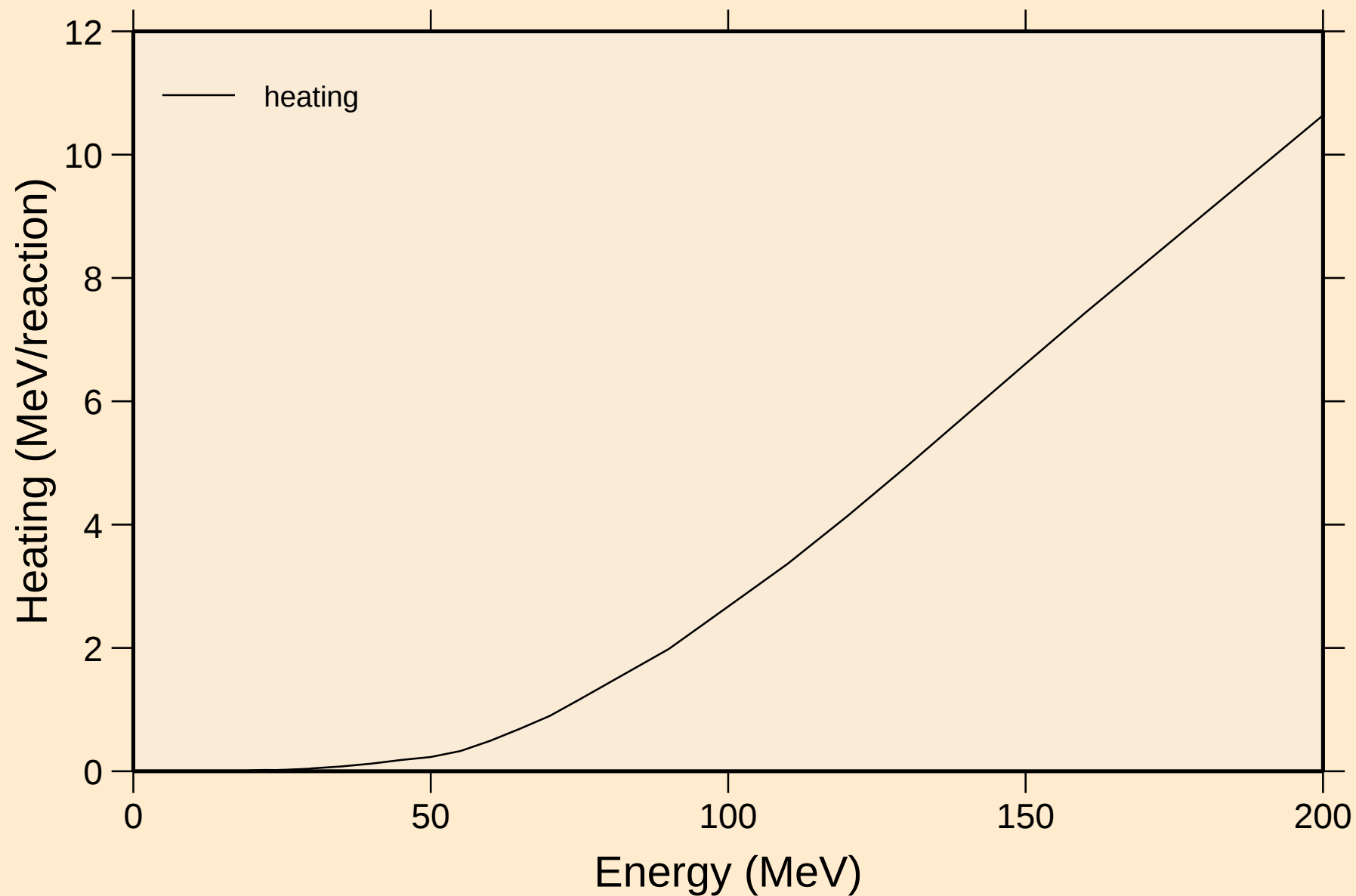
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



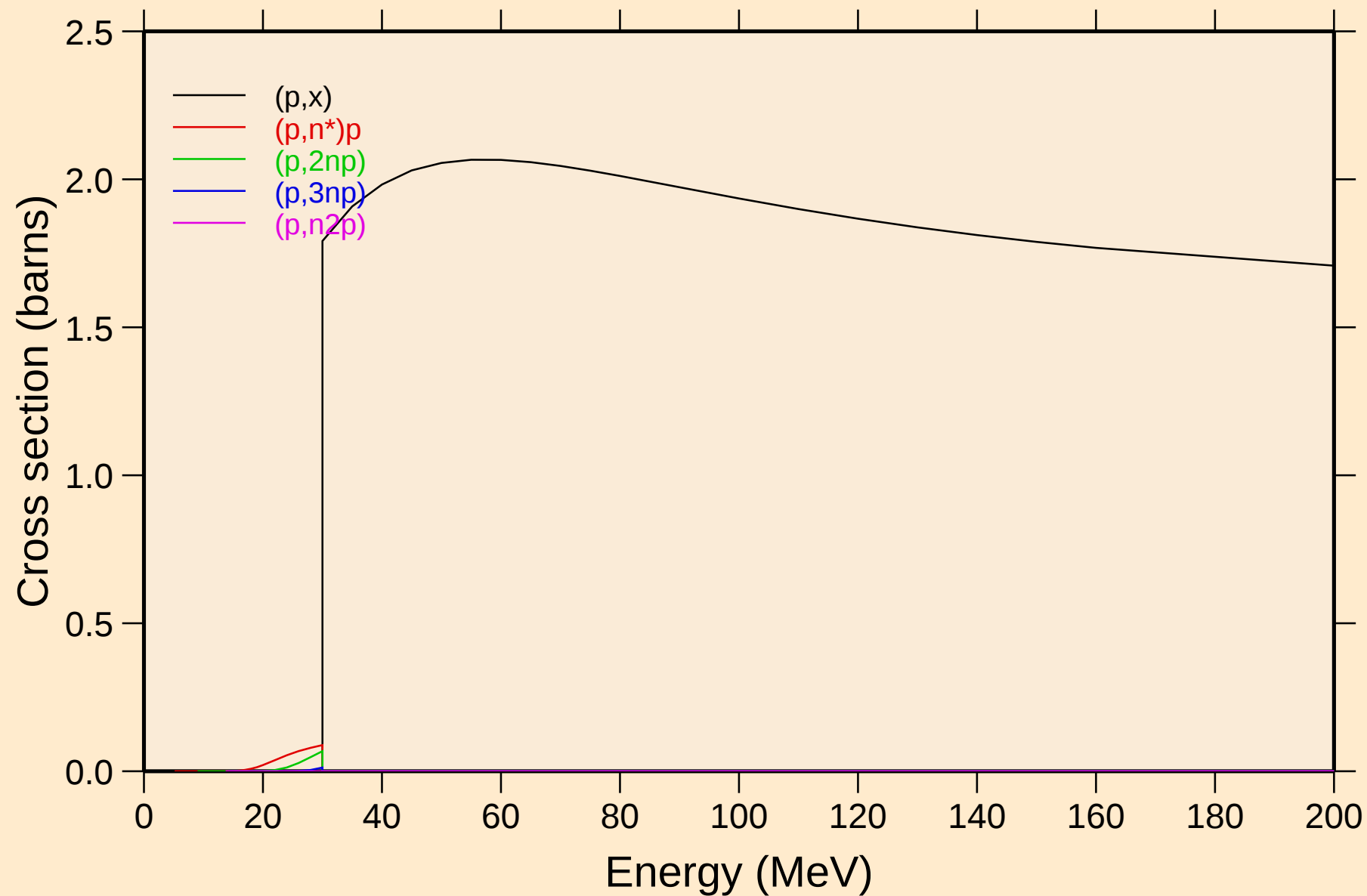
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



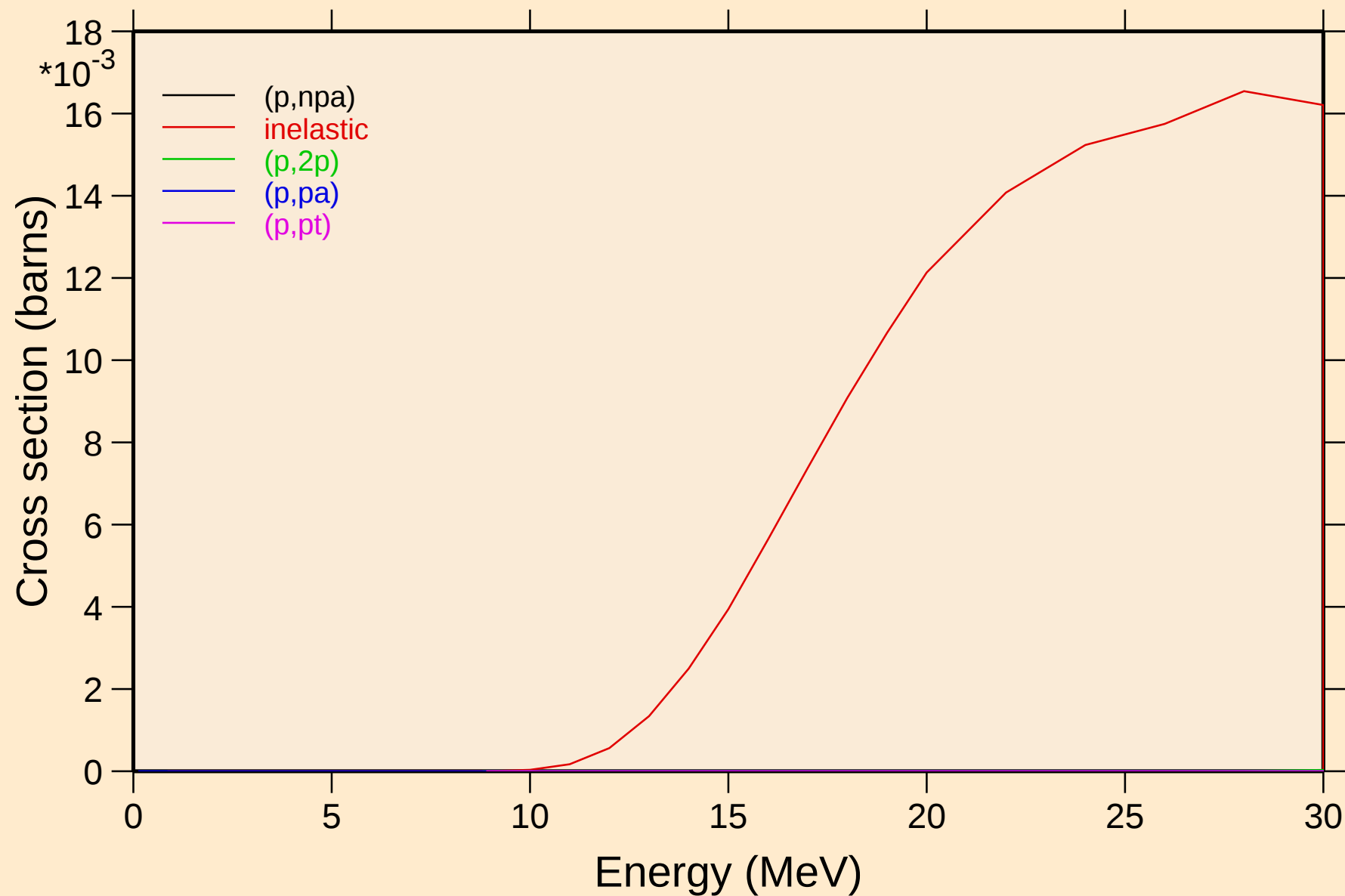
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



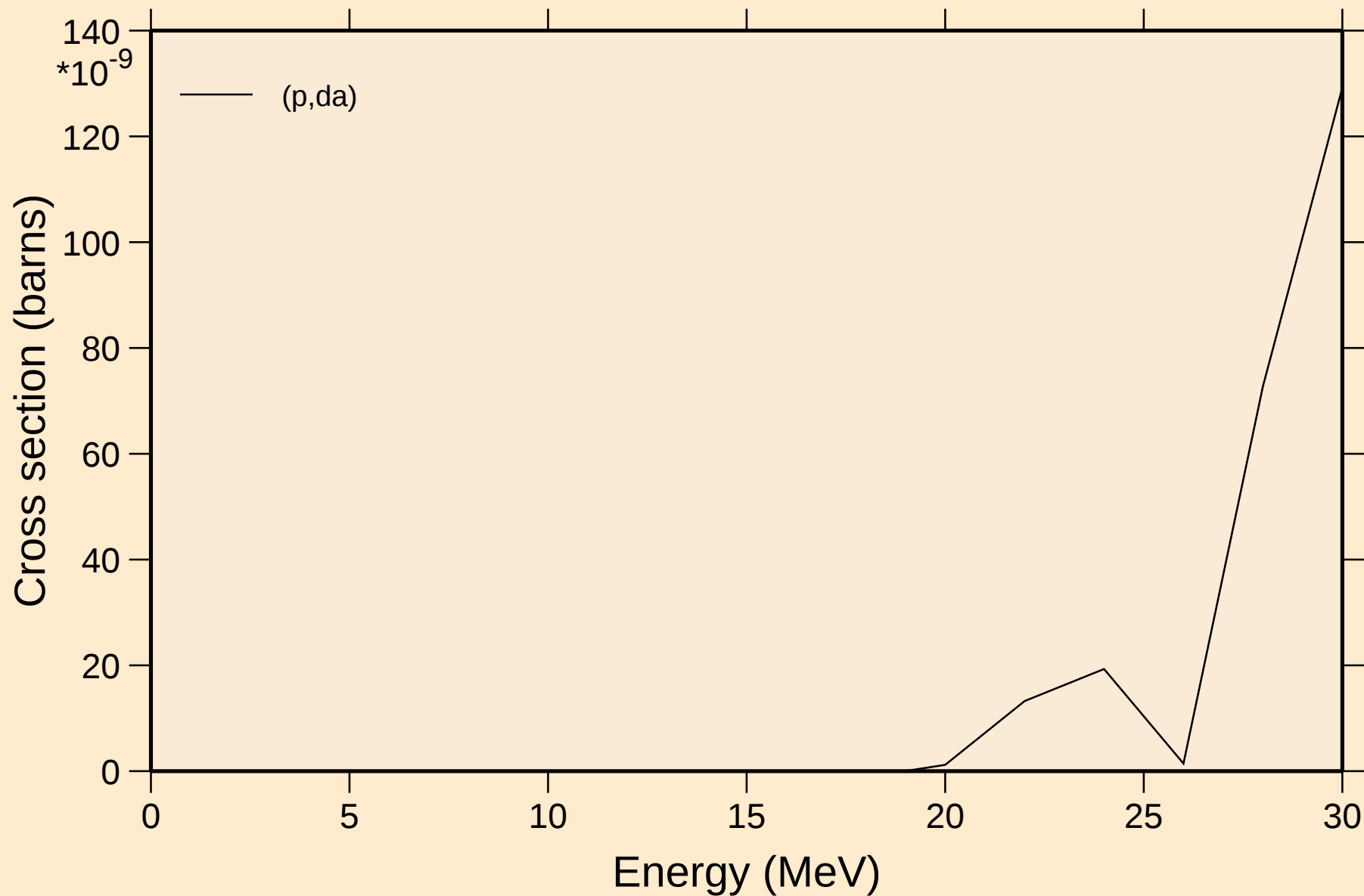
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

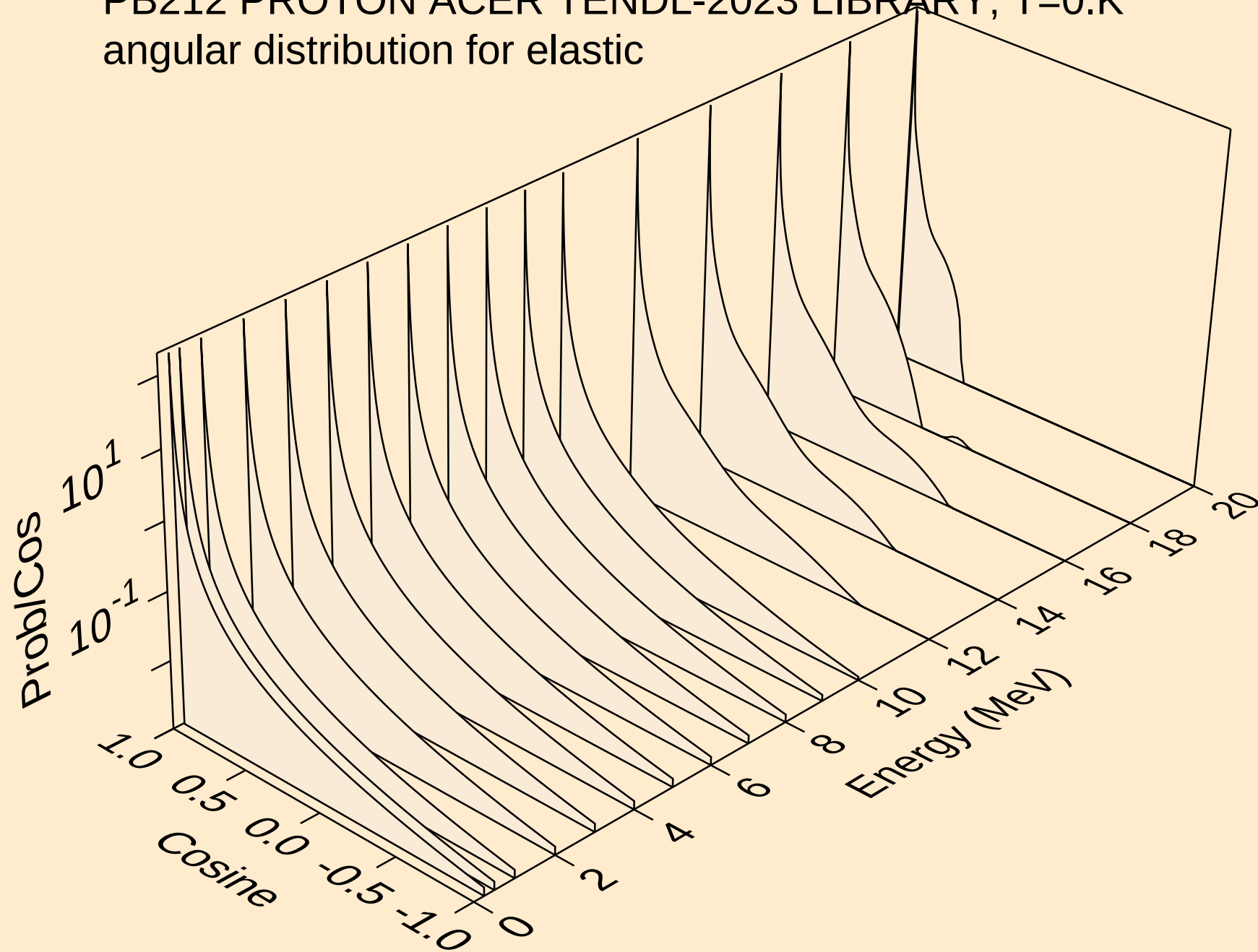


PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

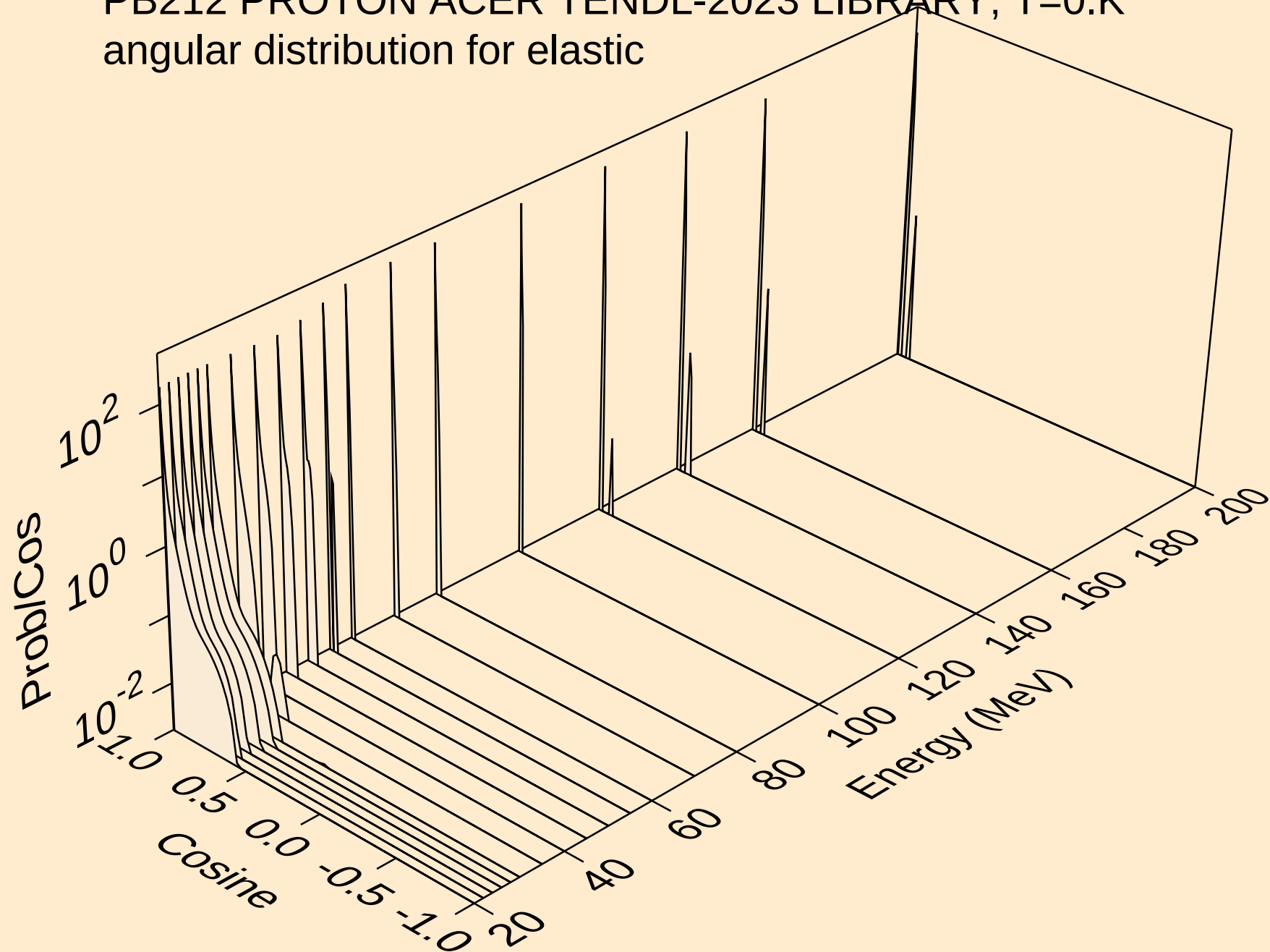
Threshold reactions



PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

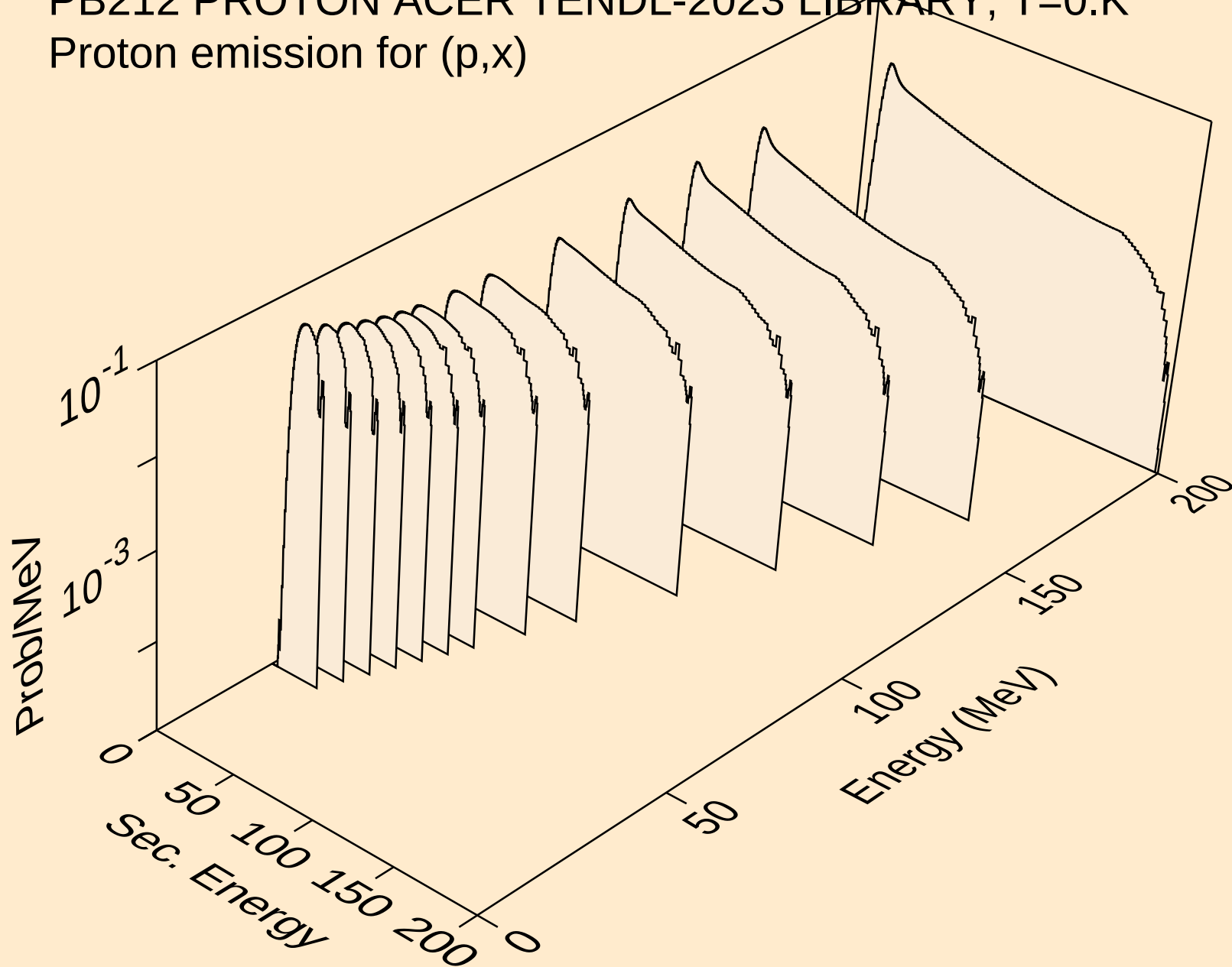


PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



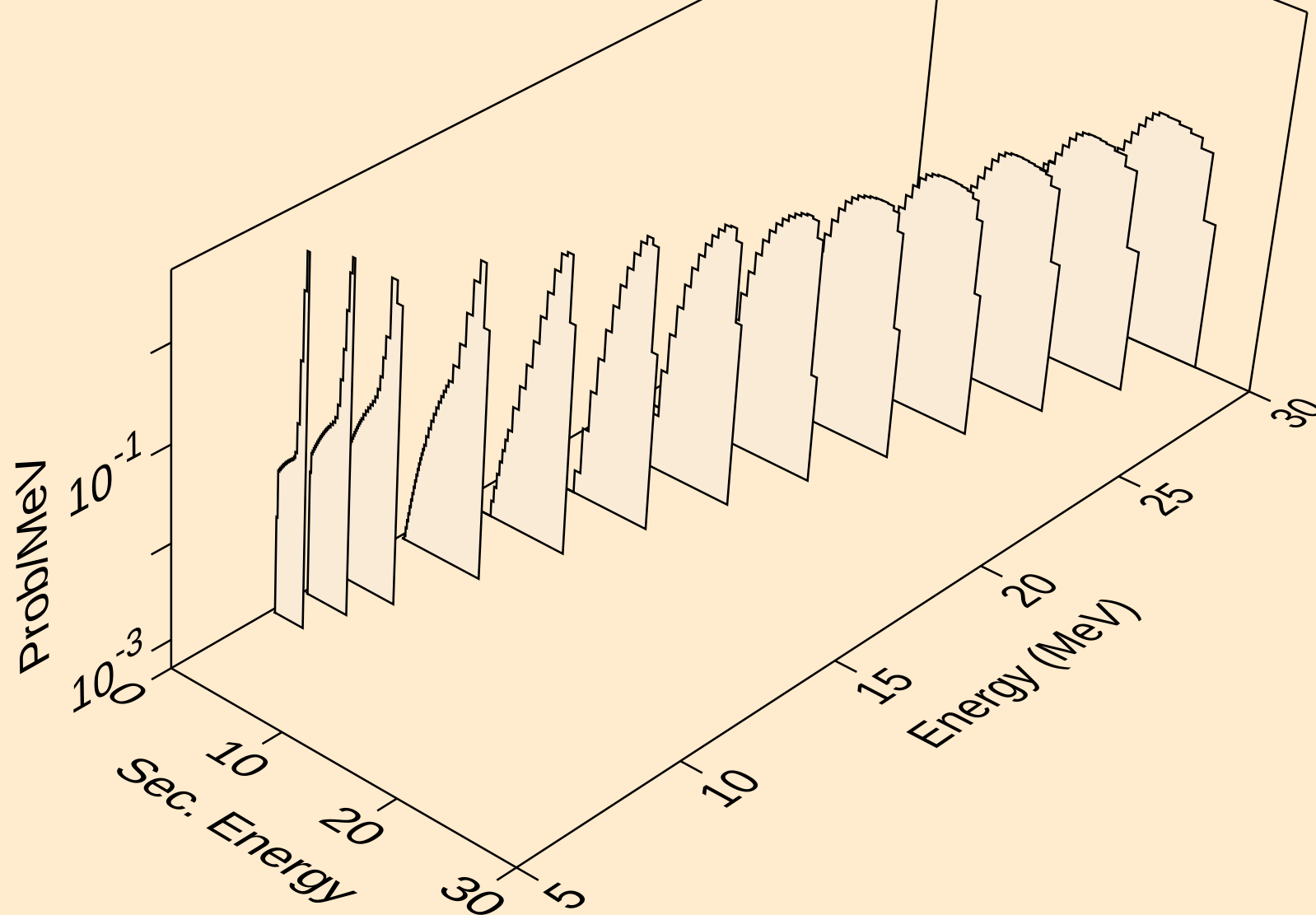
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,x)

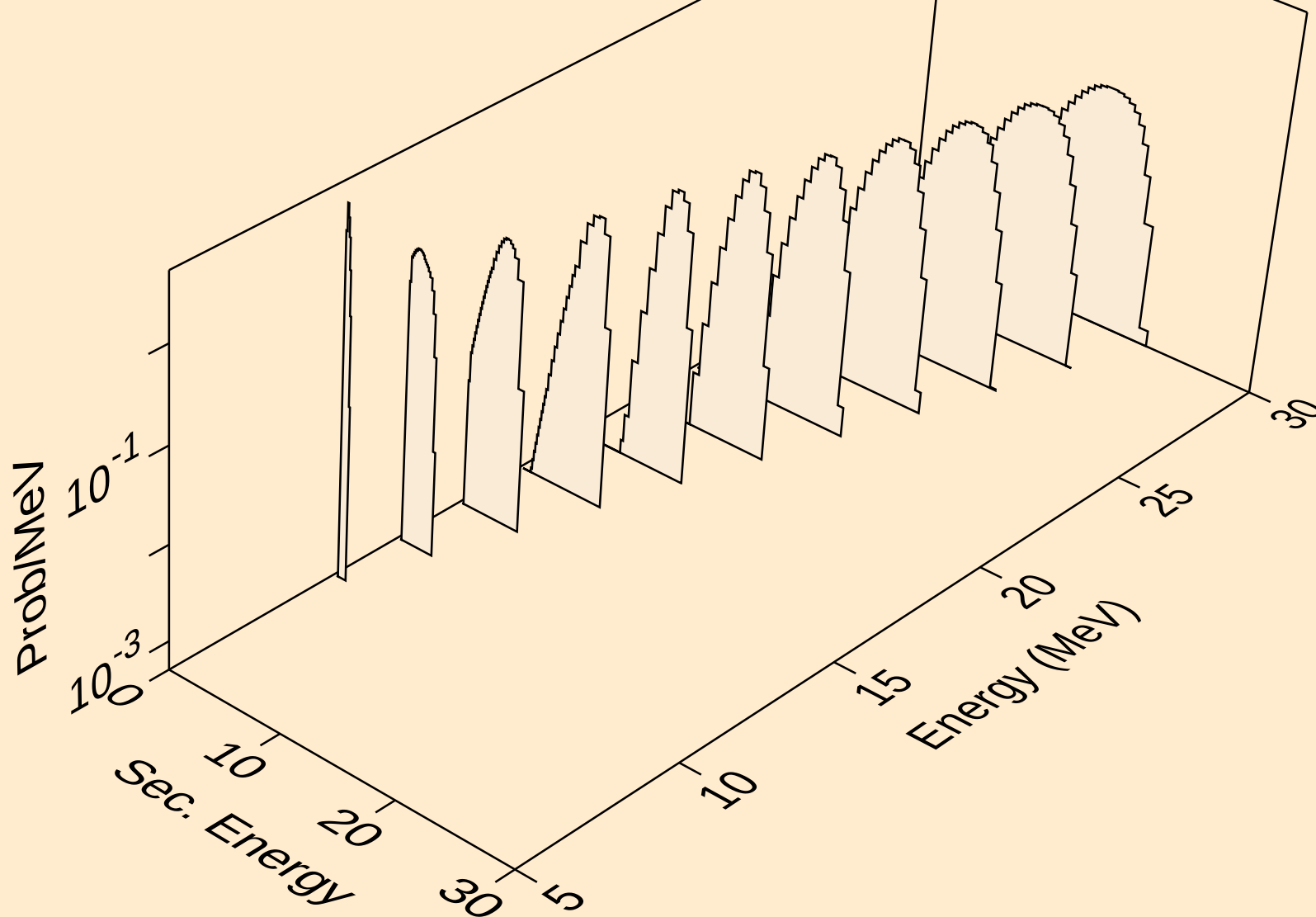


PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

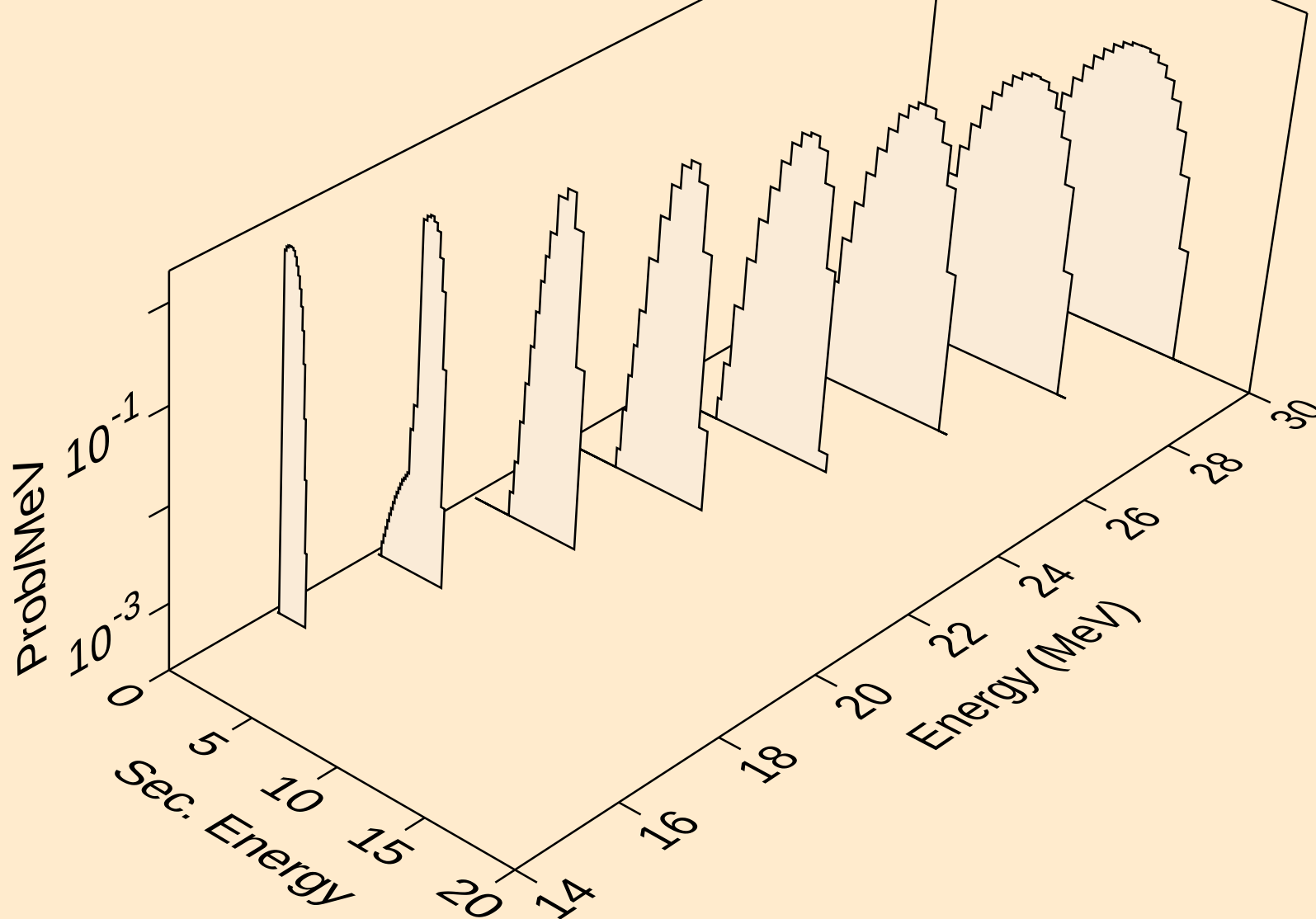
Proton emission for (p,n*)p



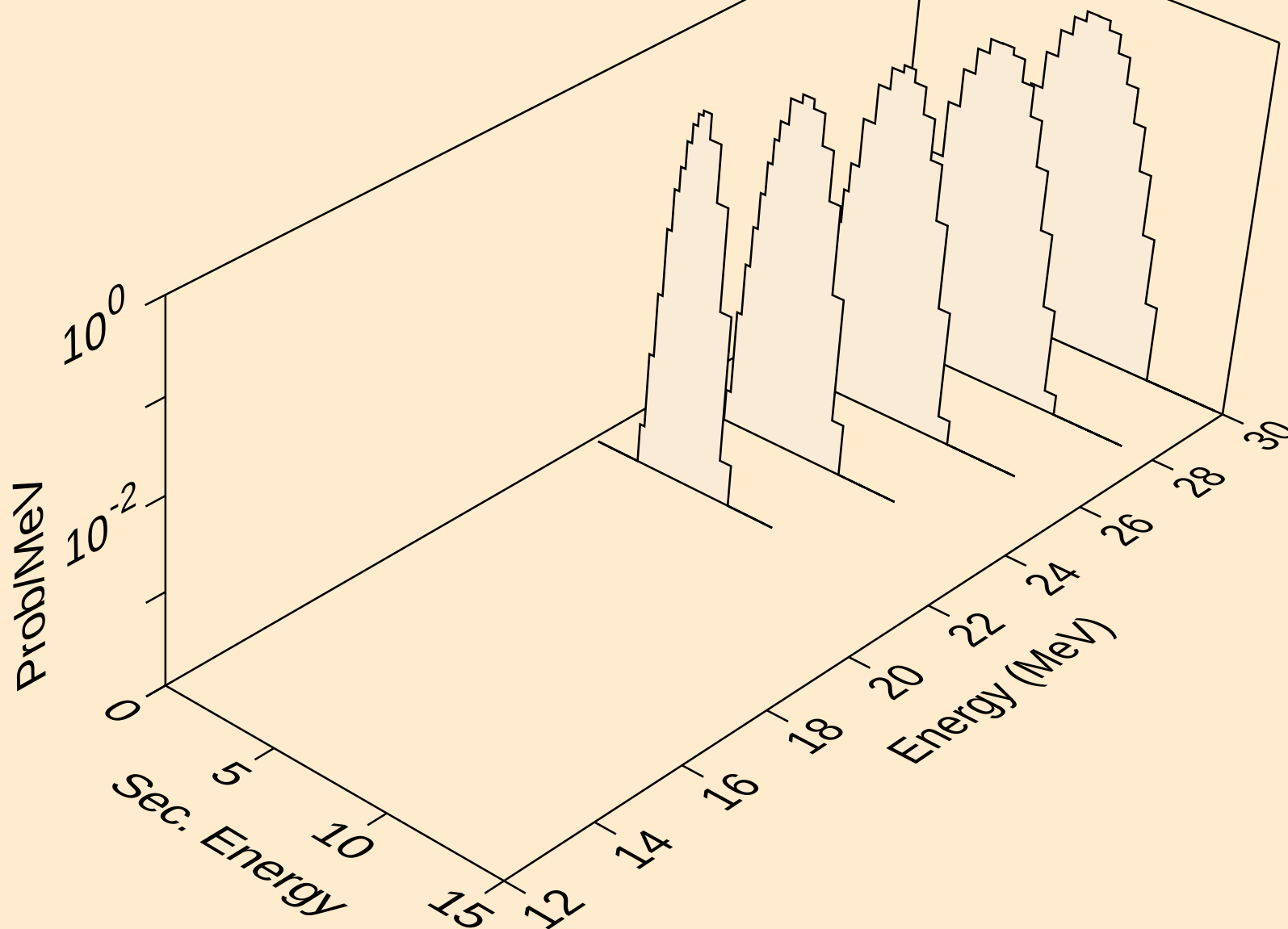
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



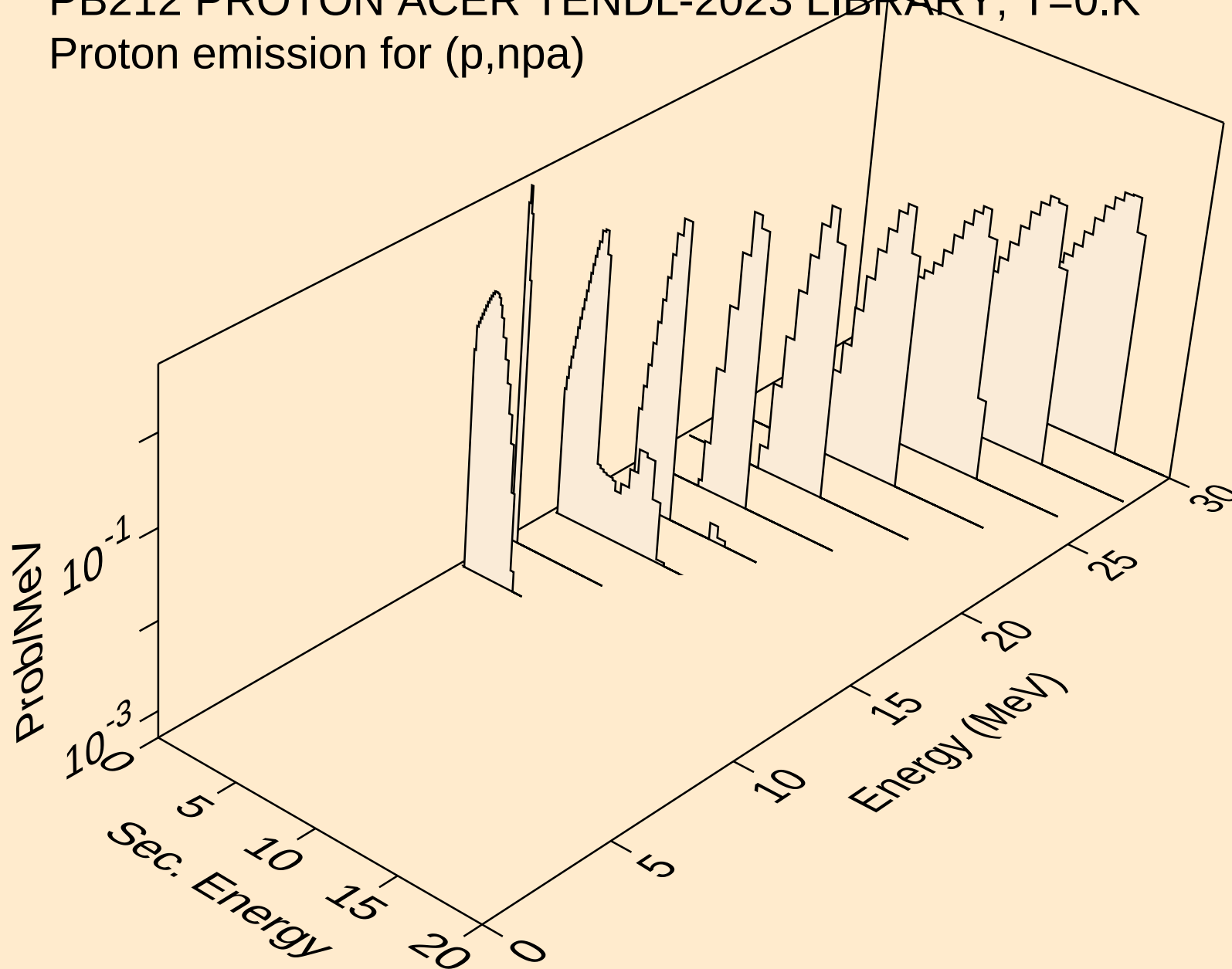
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)



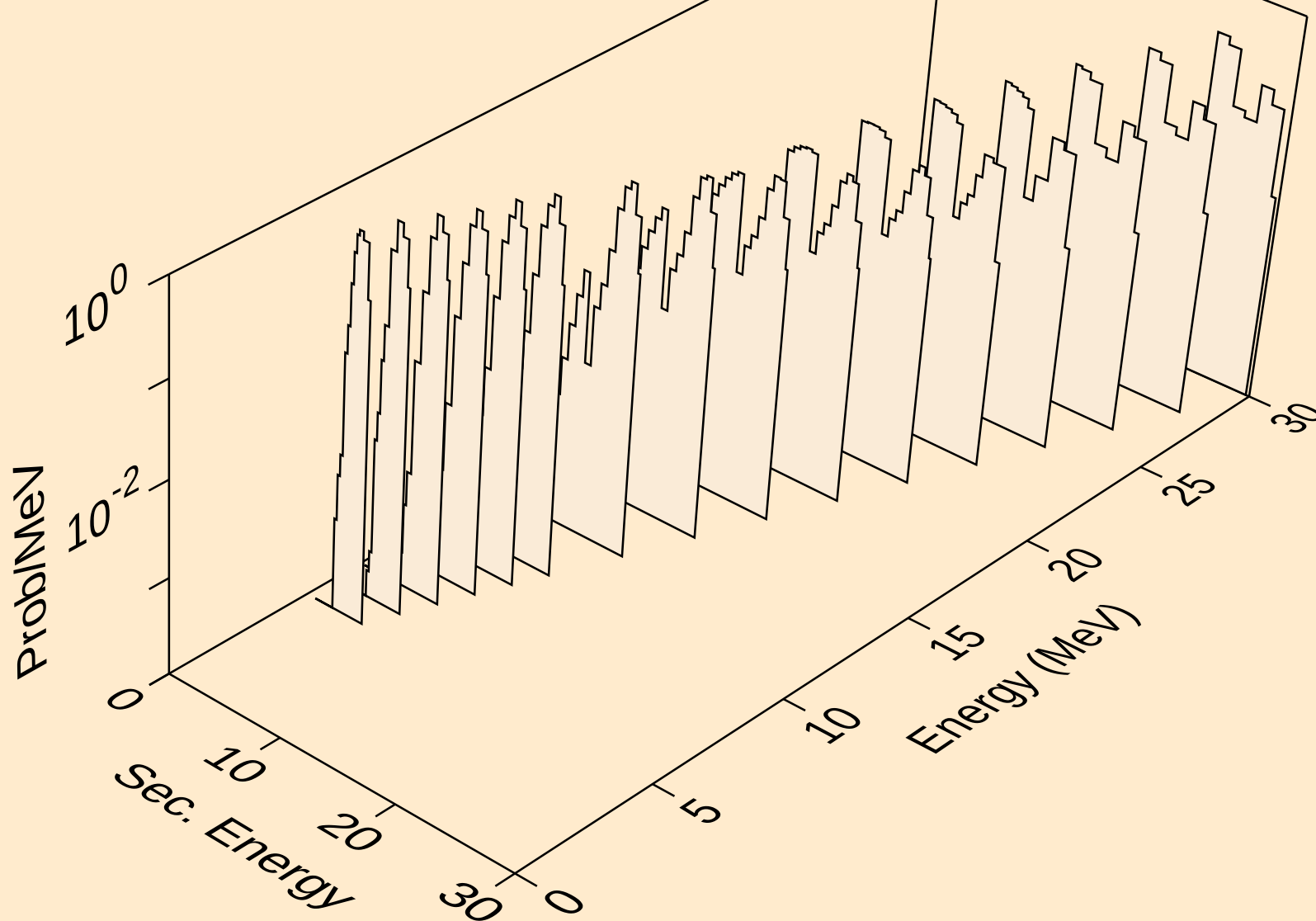
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)

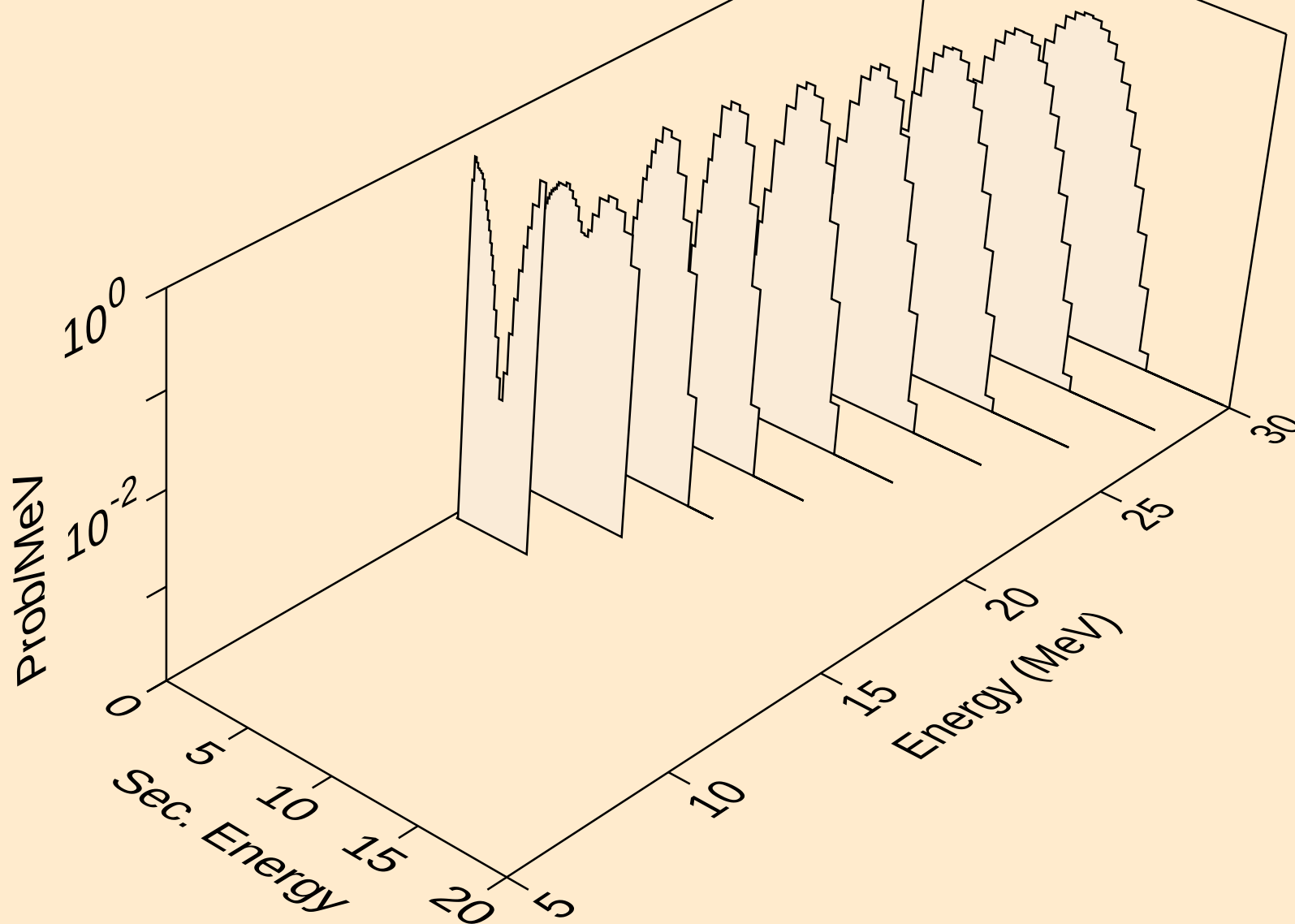


PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



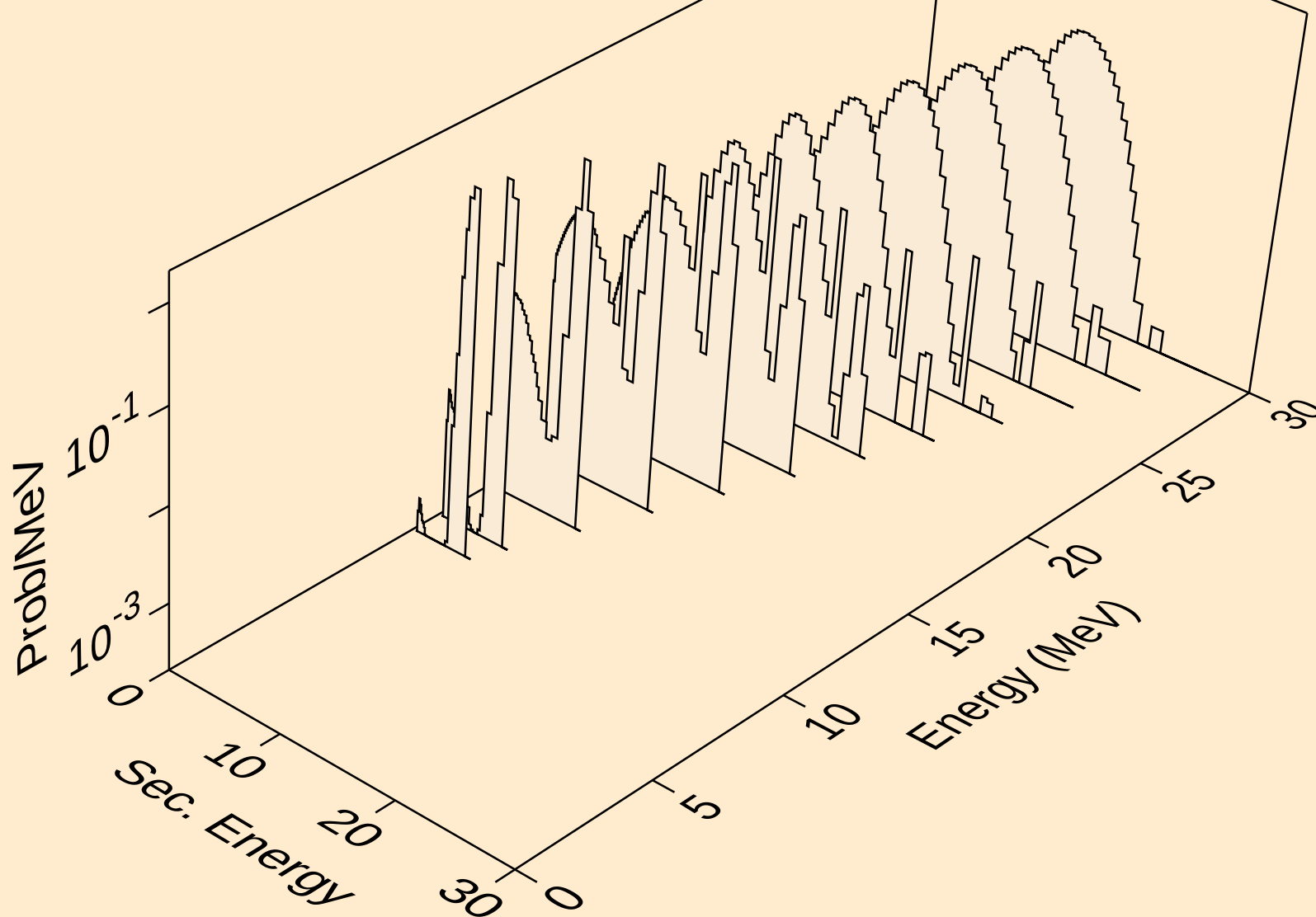
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,2p)



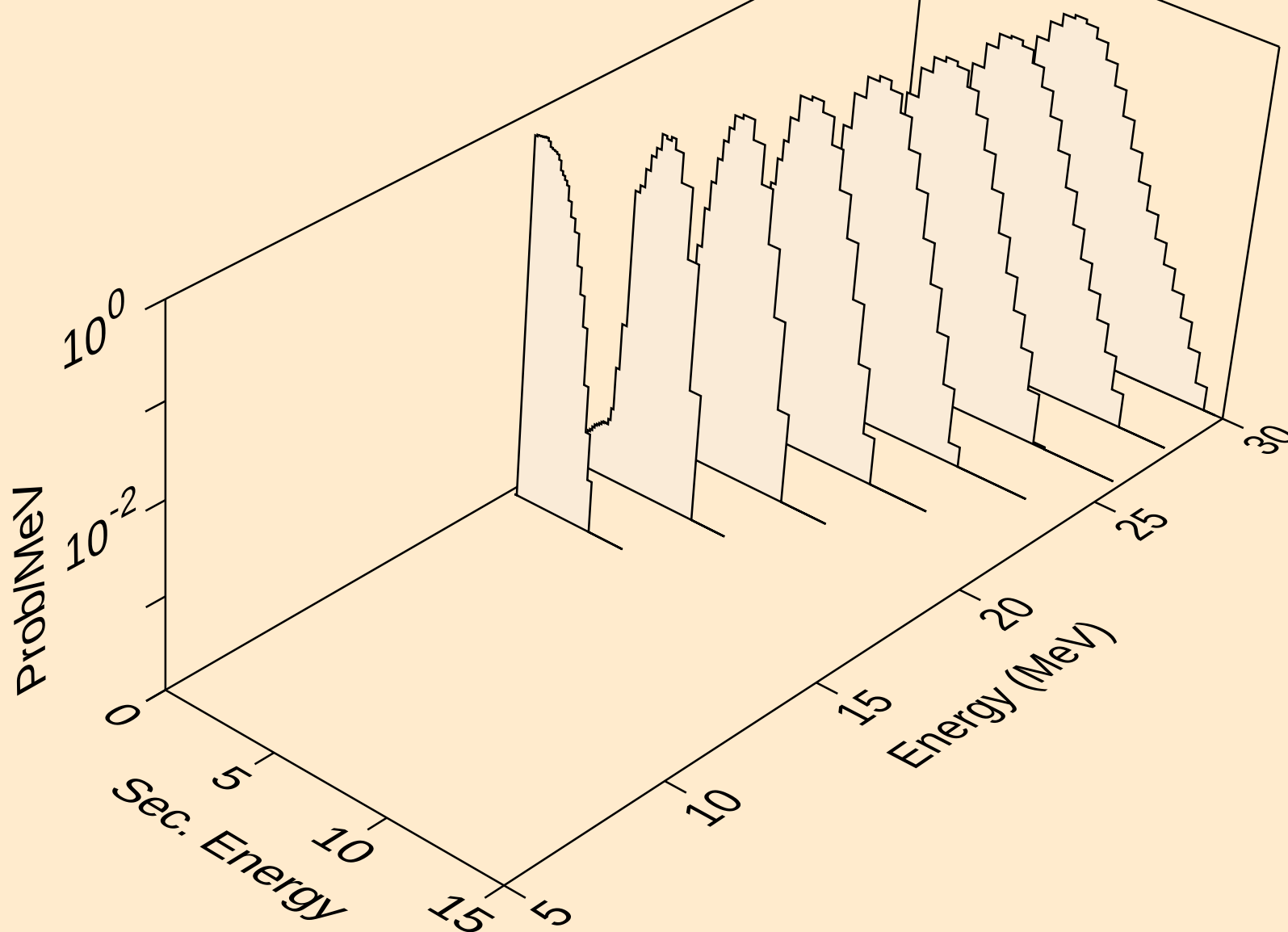
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pa)

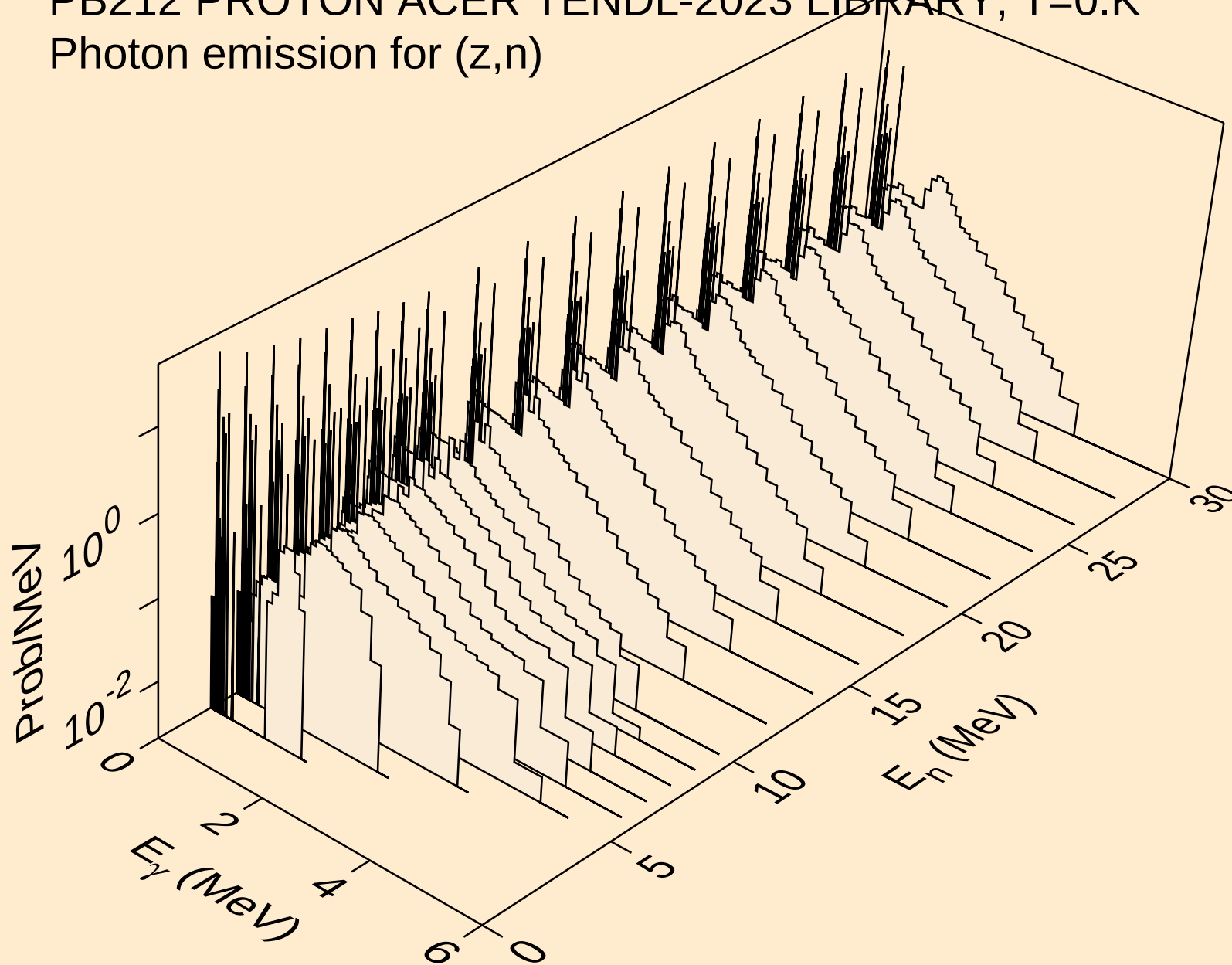


PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pt)

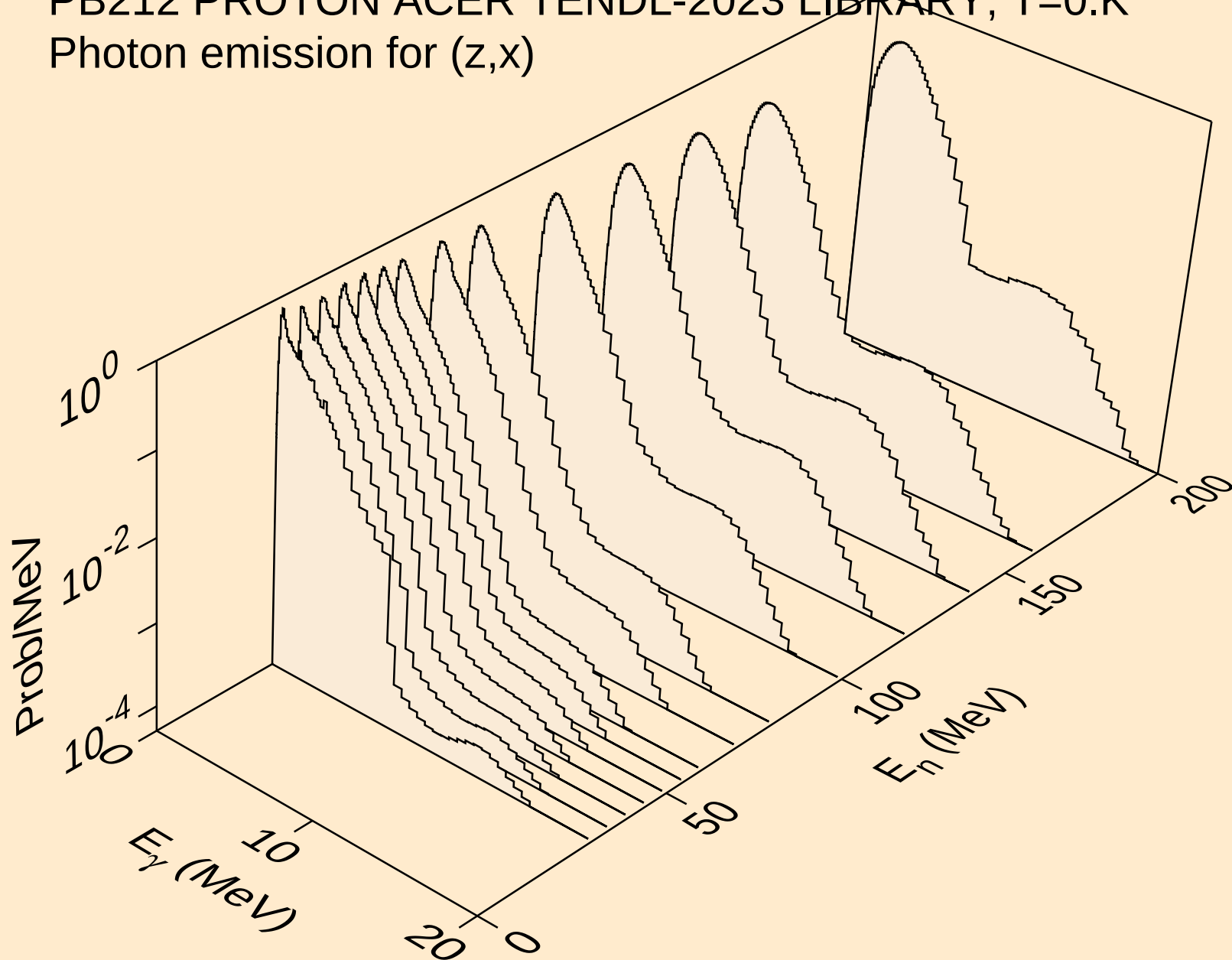


PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (z,n)

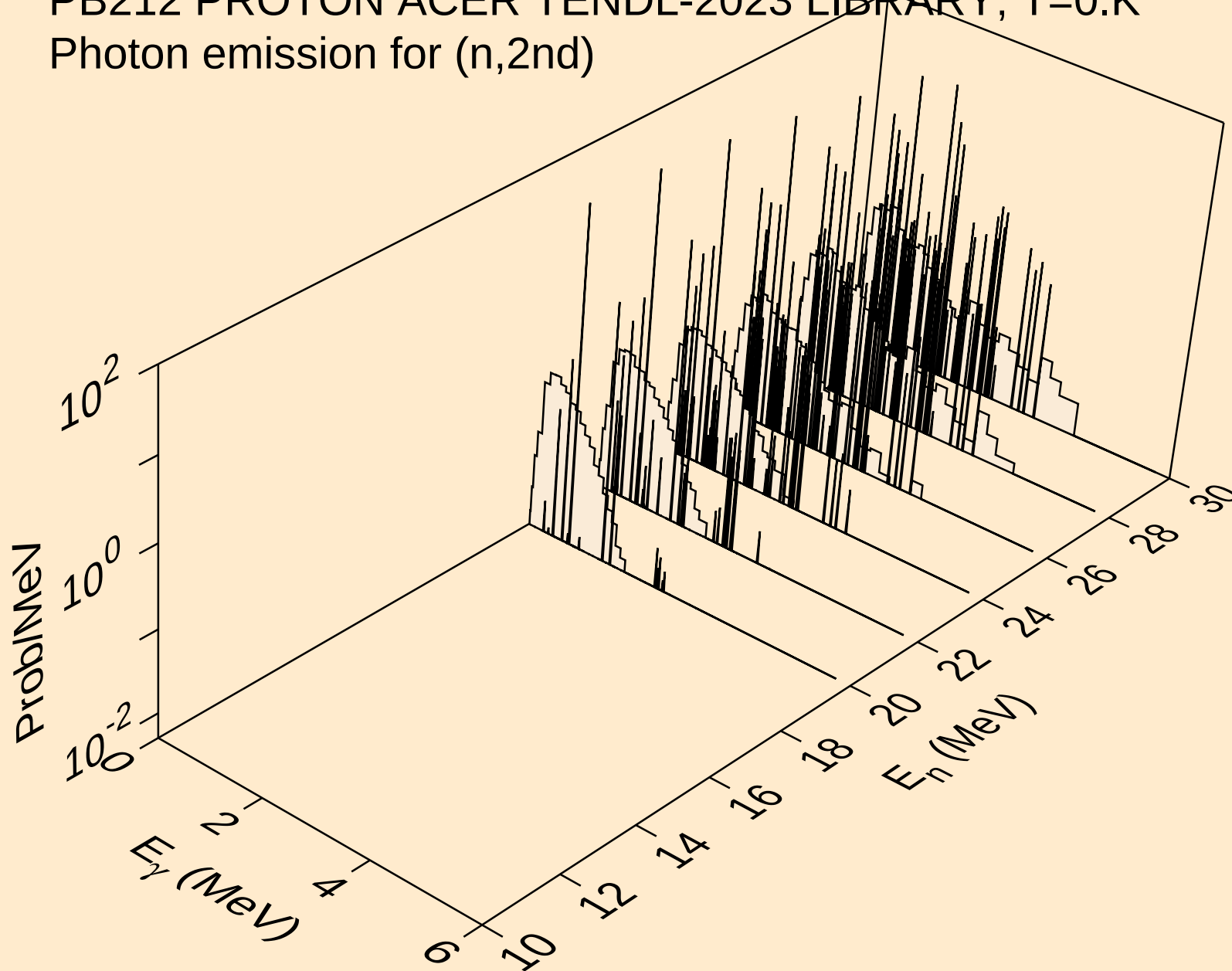


PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

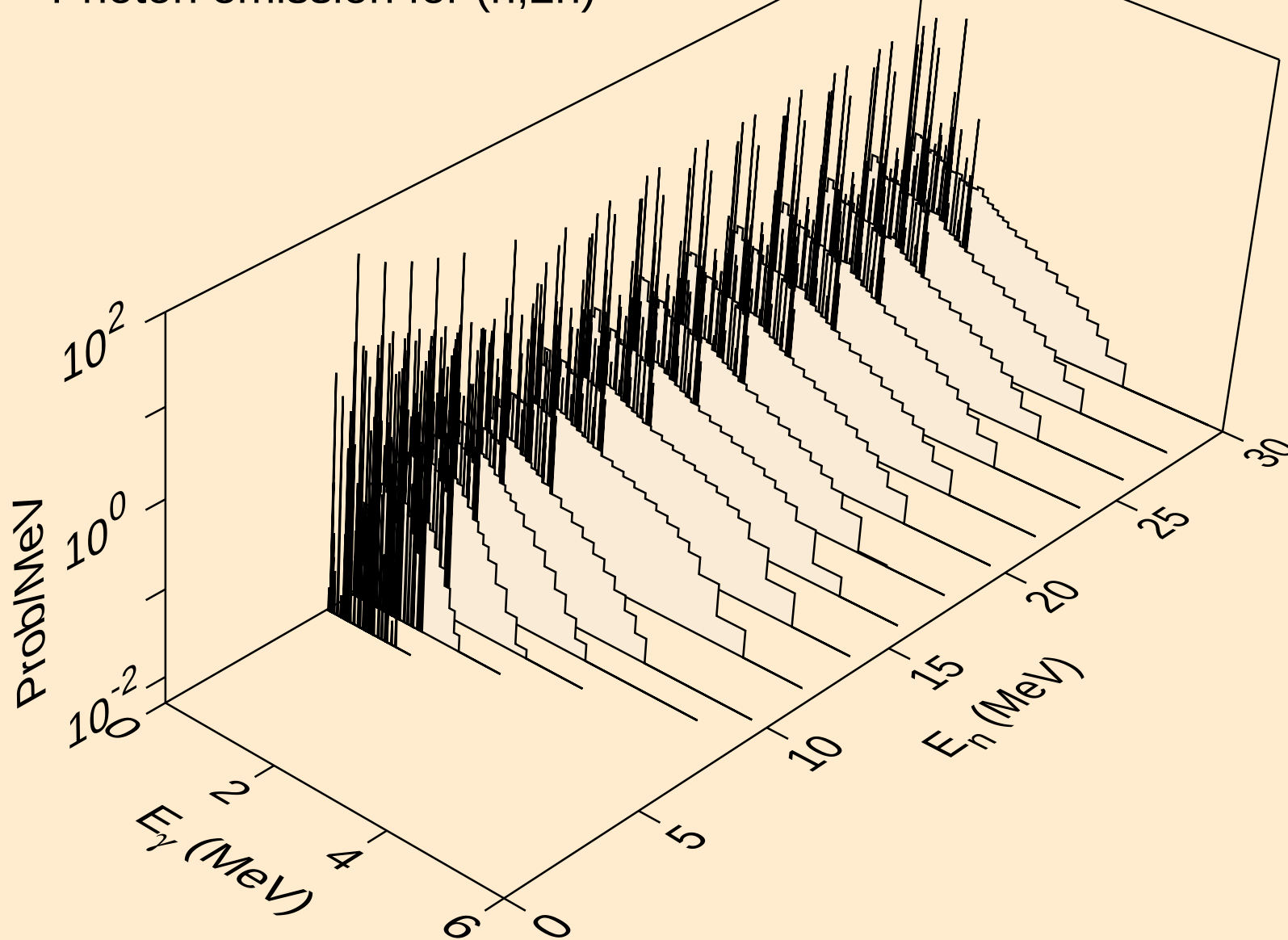
Photon emission for (z,x)



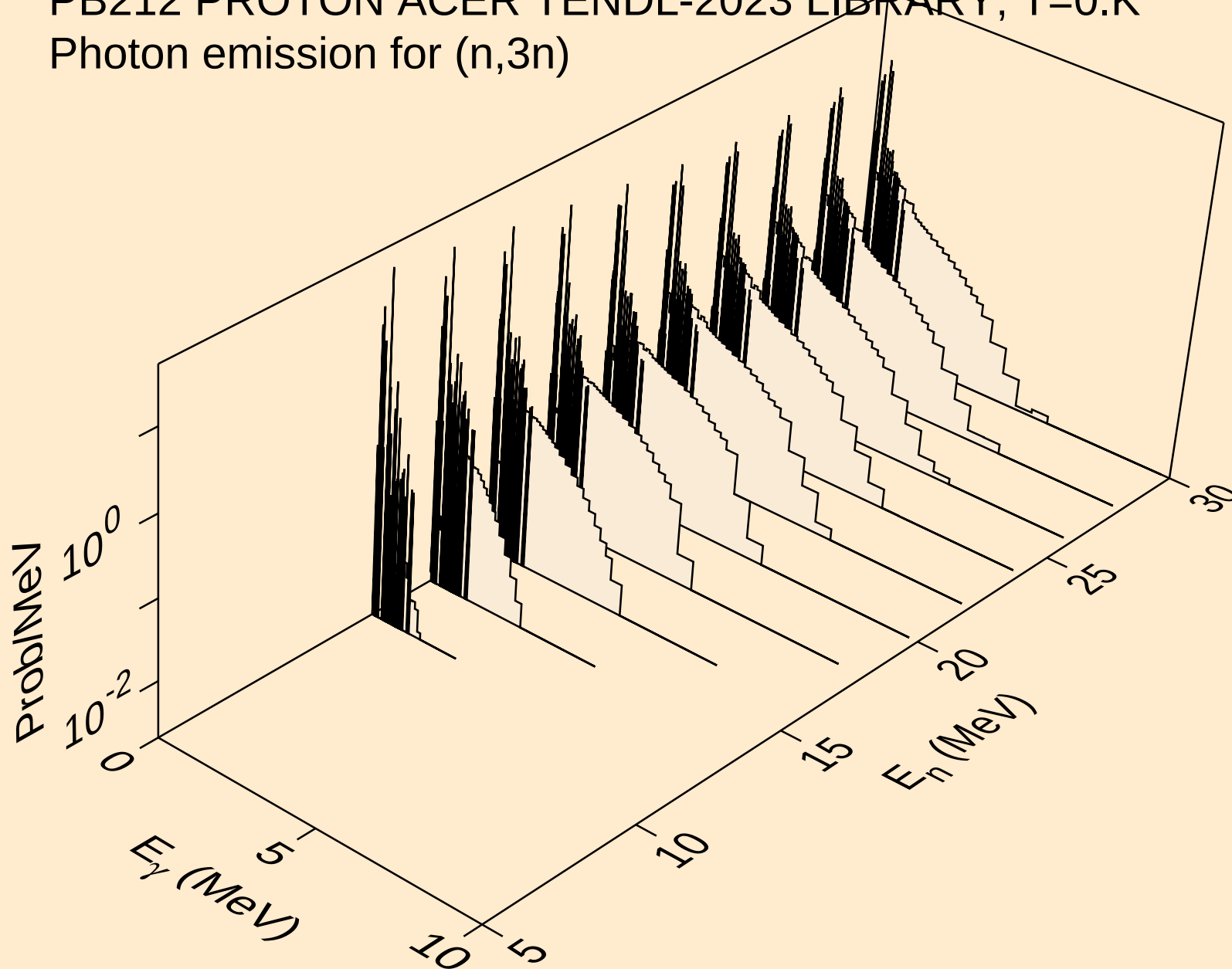
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2nd)



PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2n)

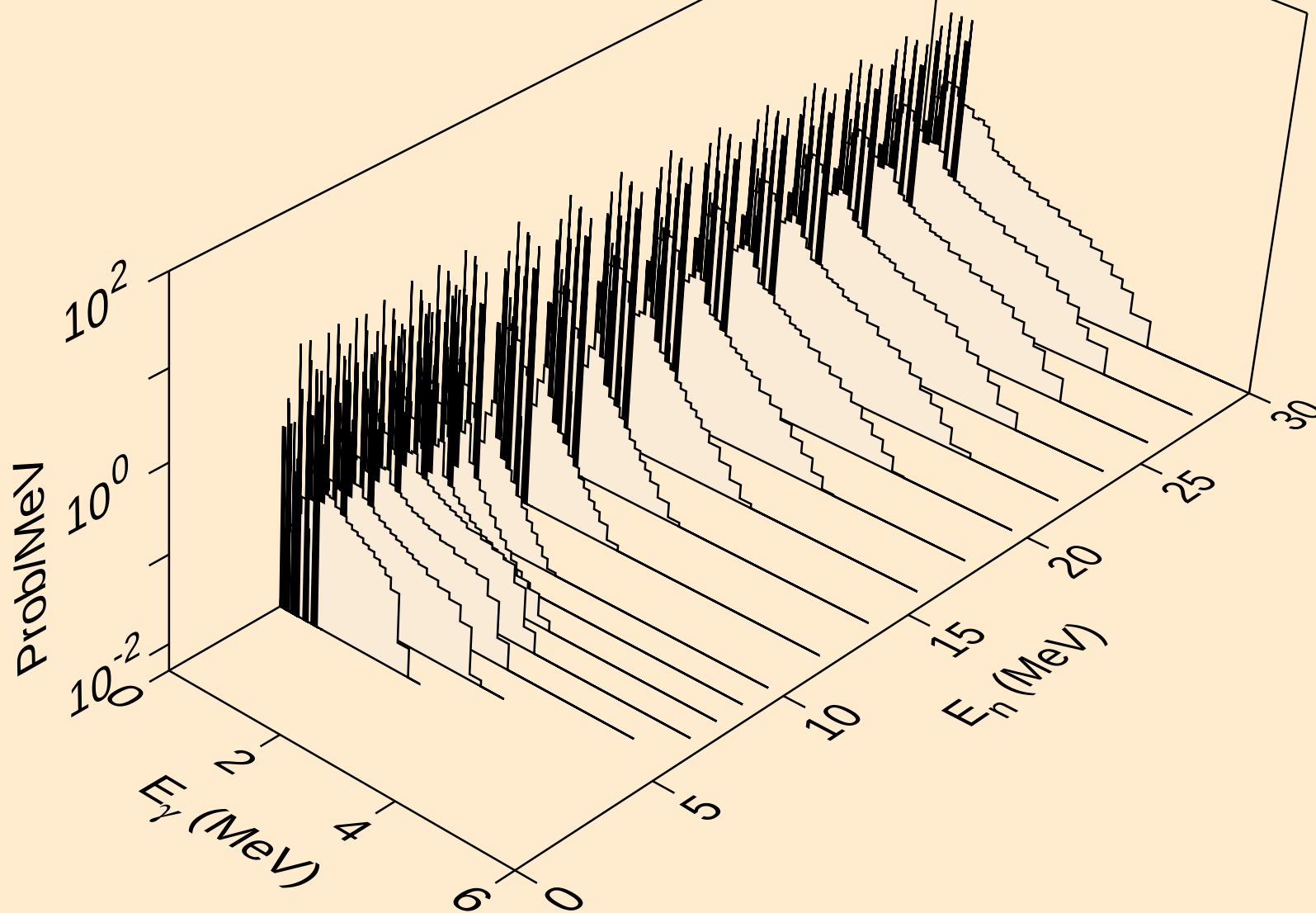


PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3n)



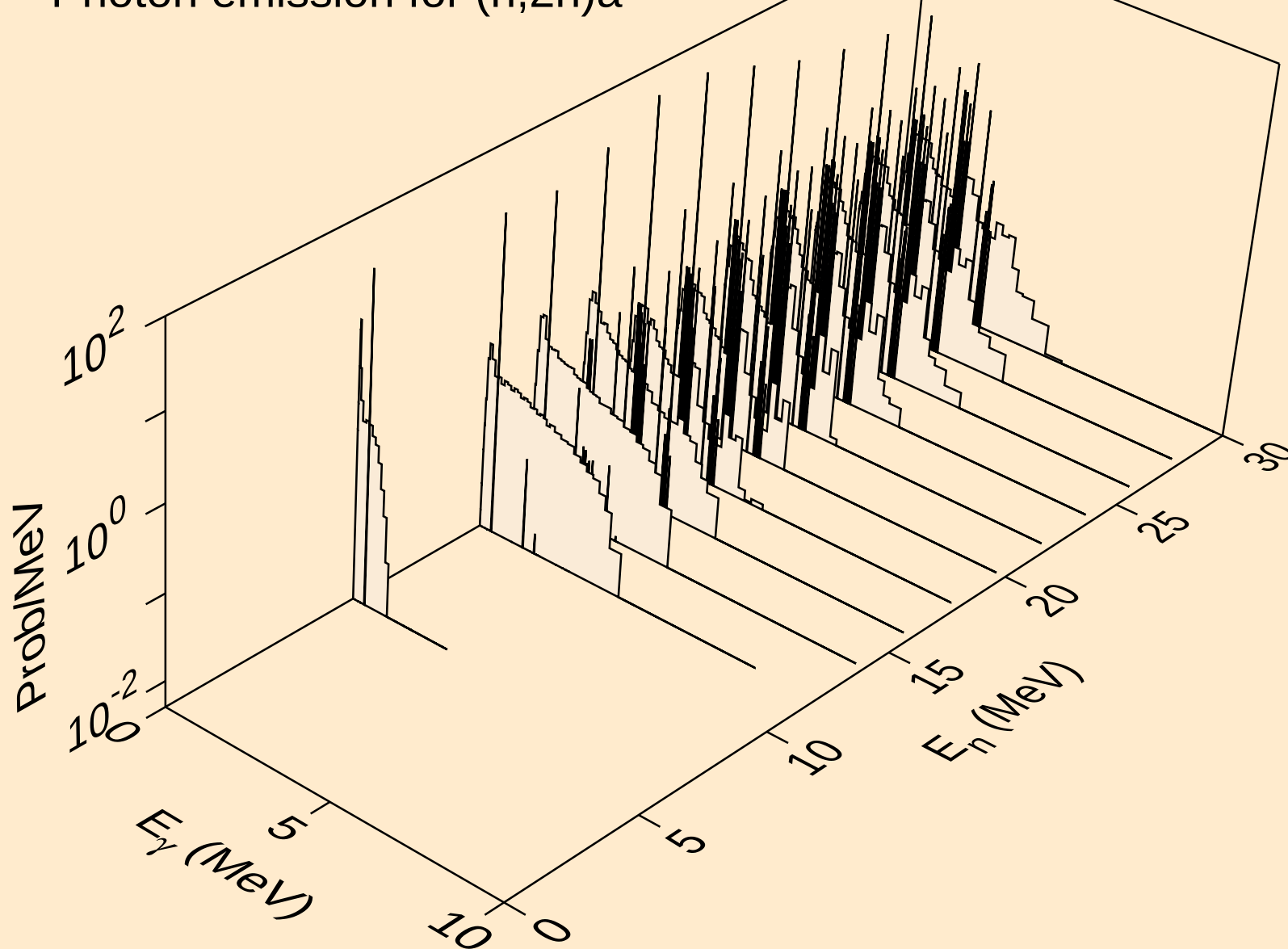
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for $(n,n^*)a$

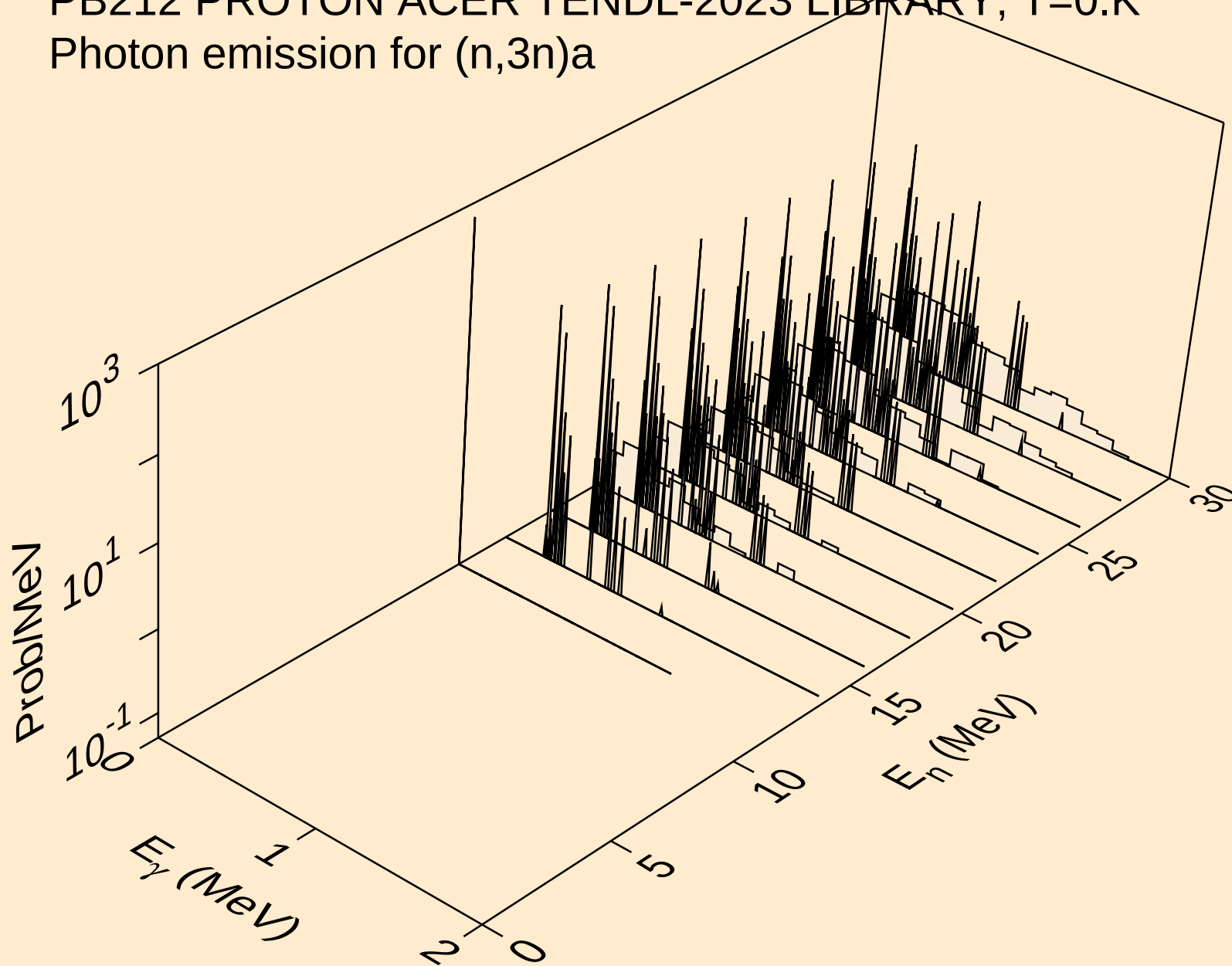


PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for $(n,2n)\alpha$

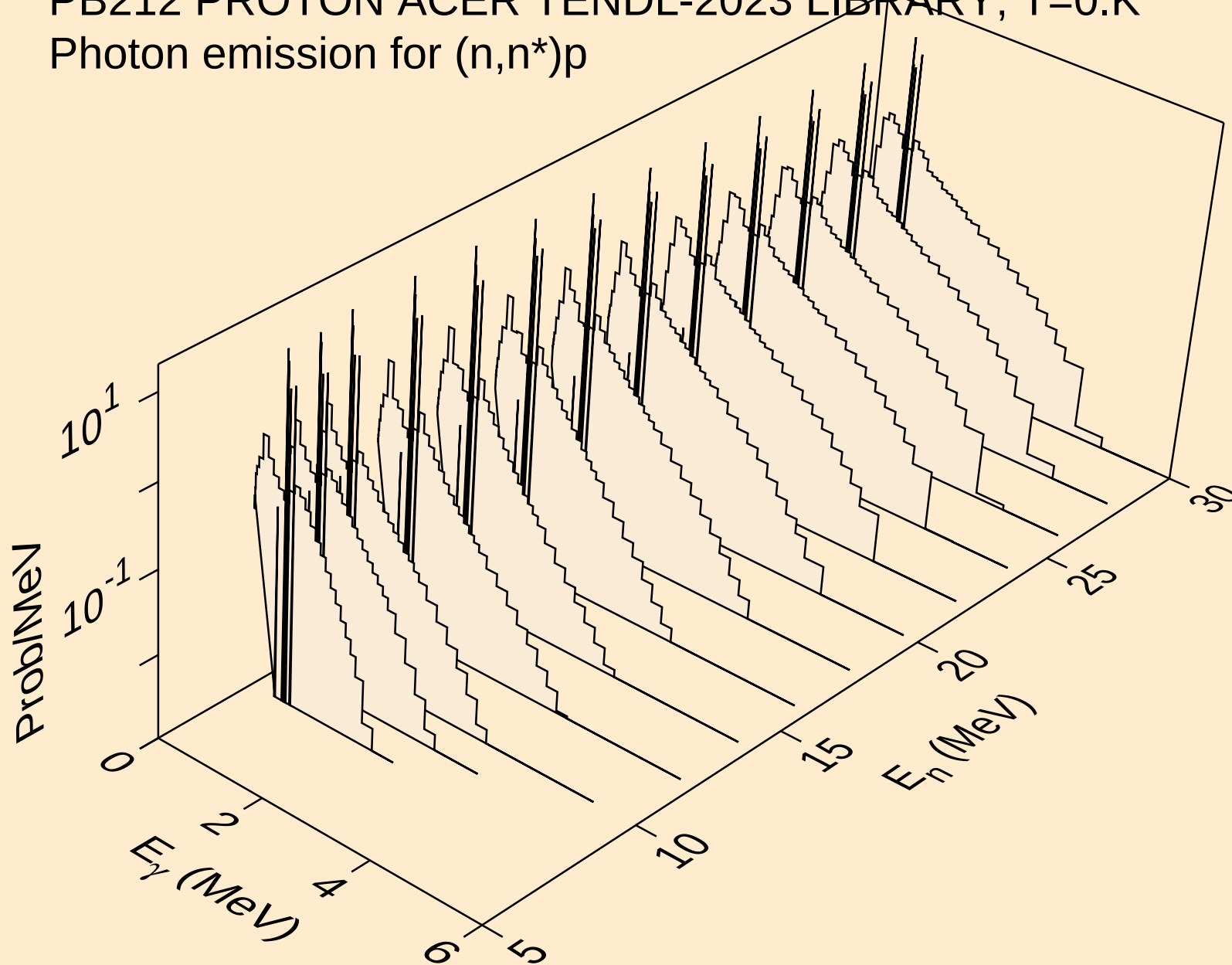


PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,3n)\alpha$



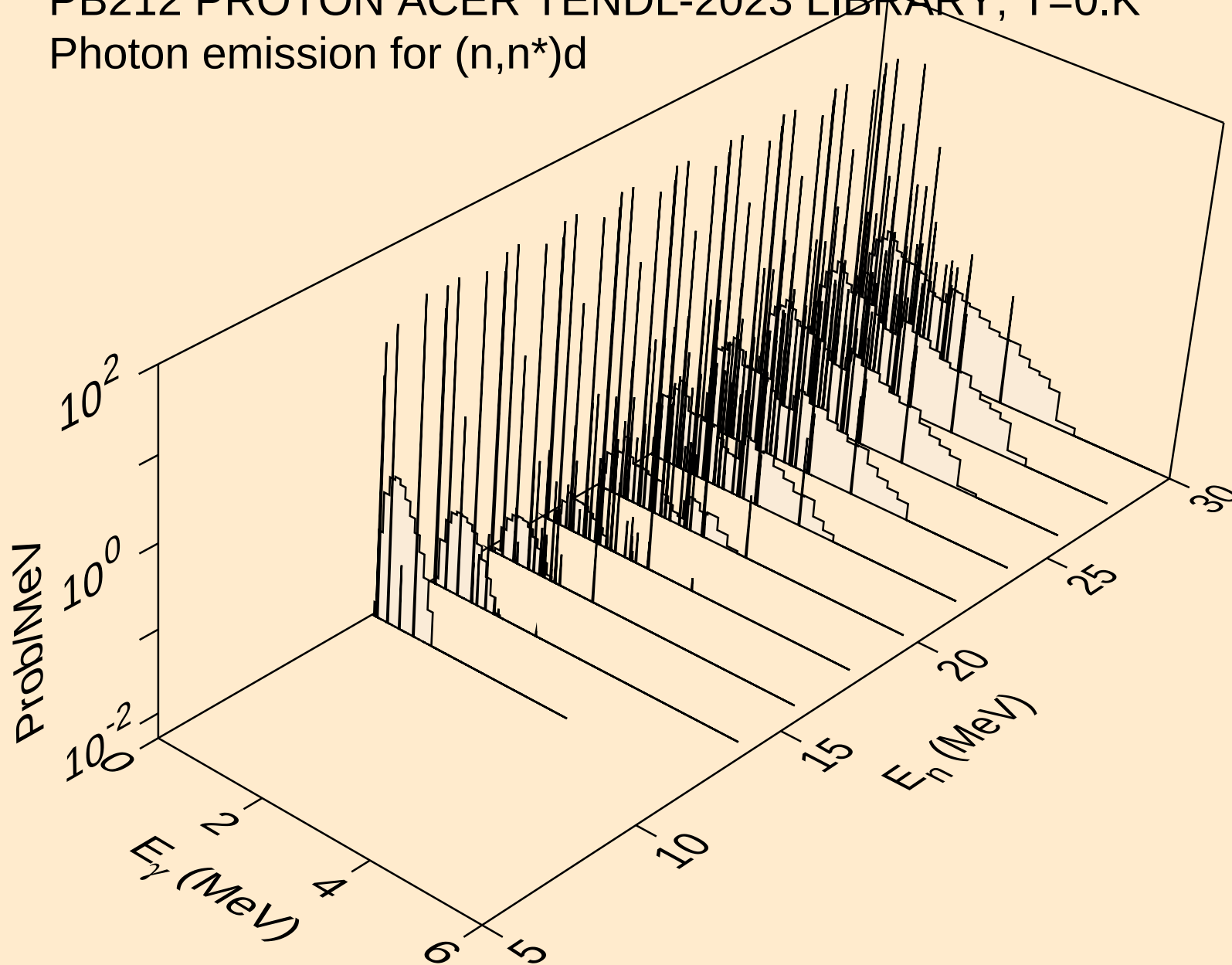
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



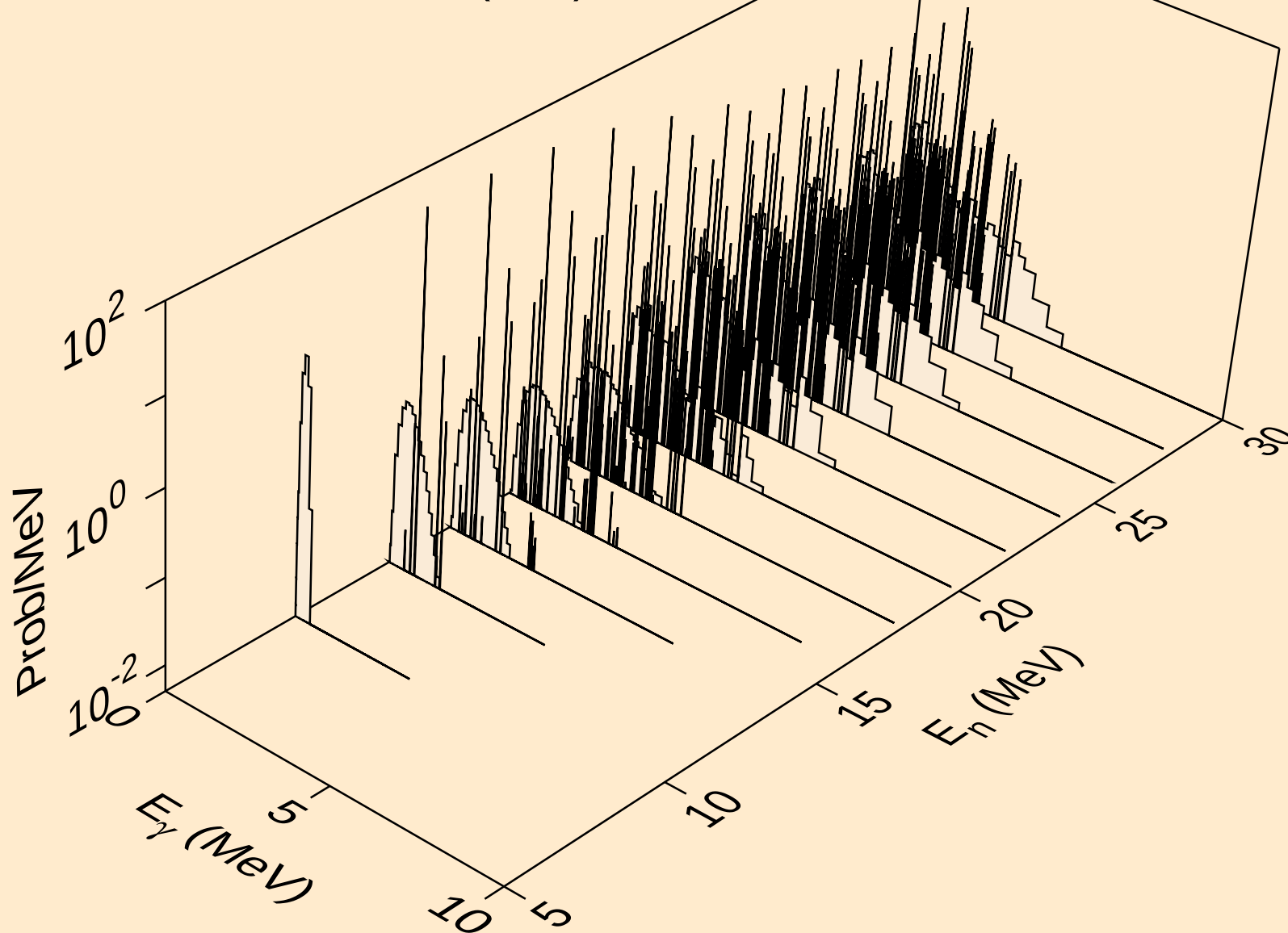
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for $(n,n^*)d$



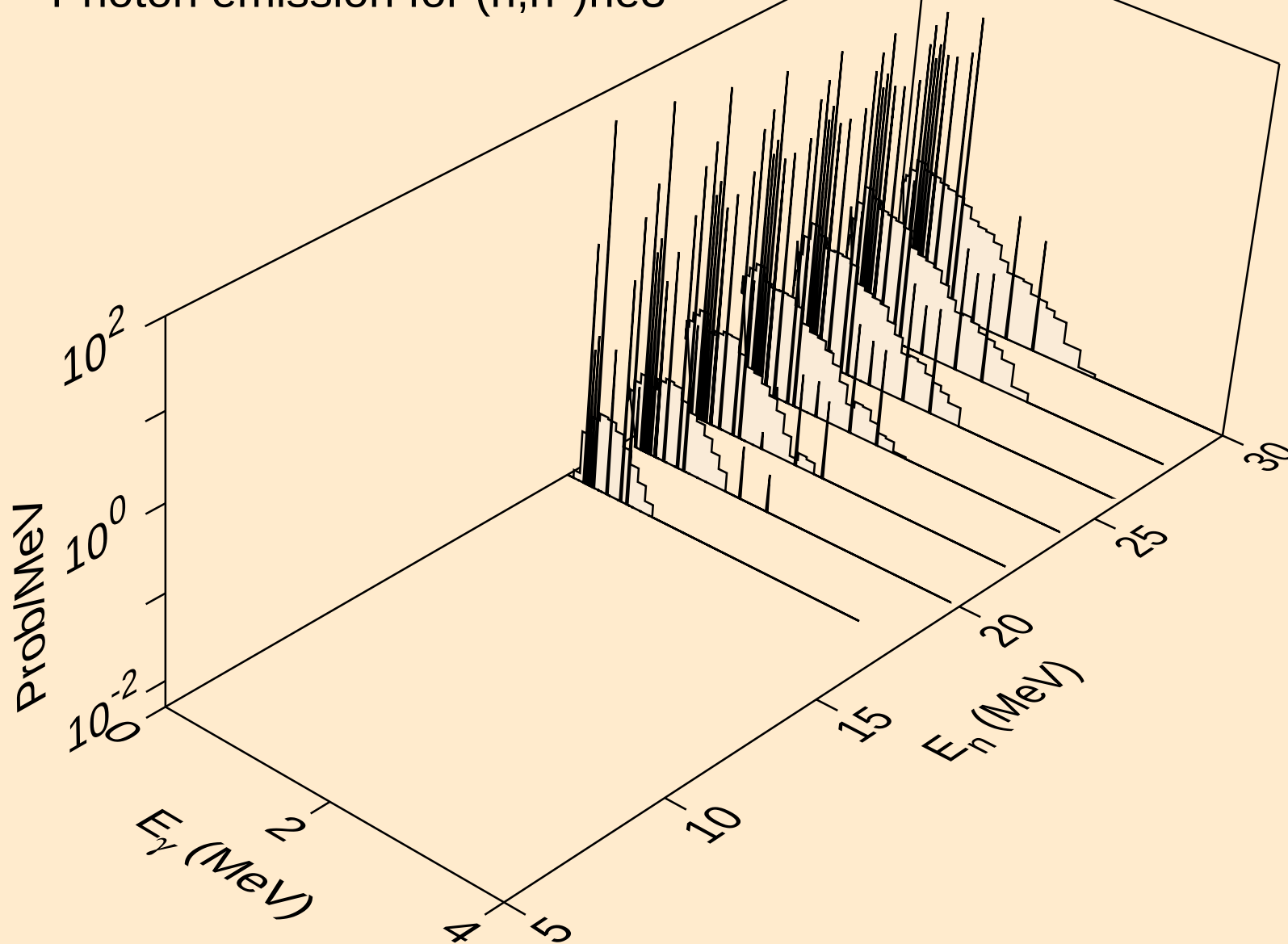
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for $(n,n^*)t$

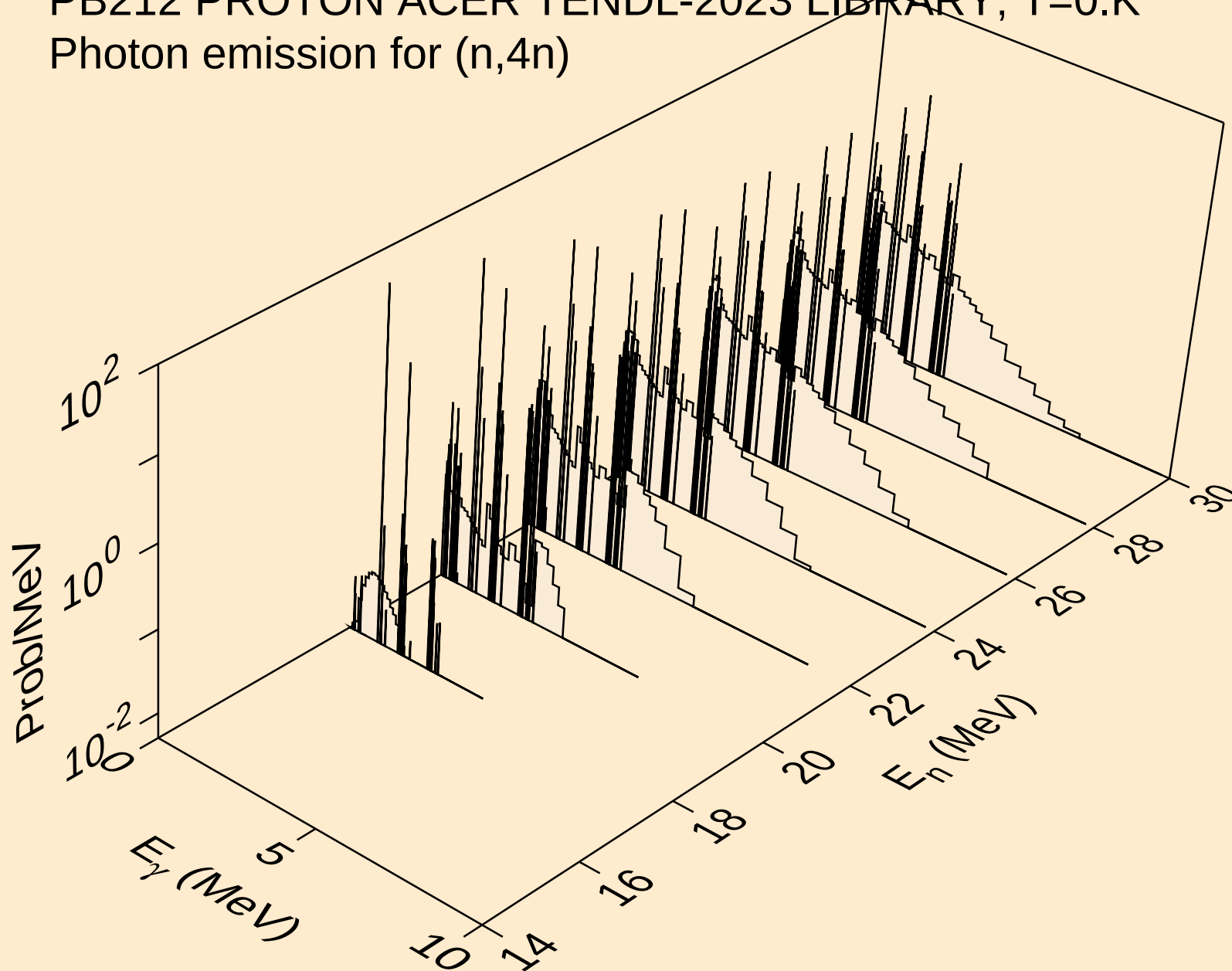


PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

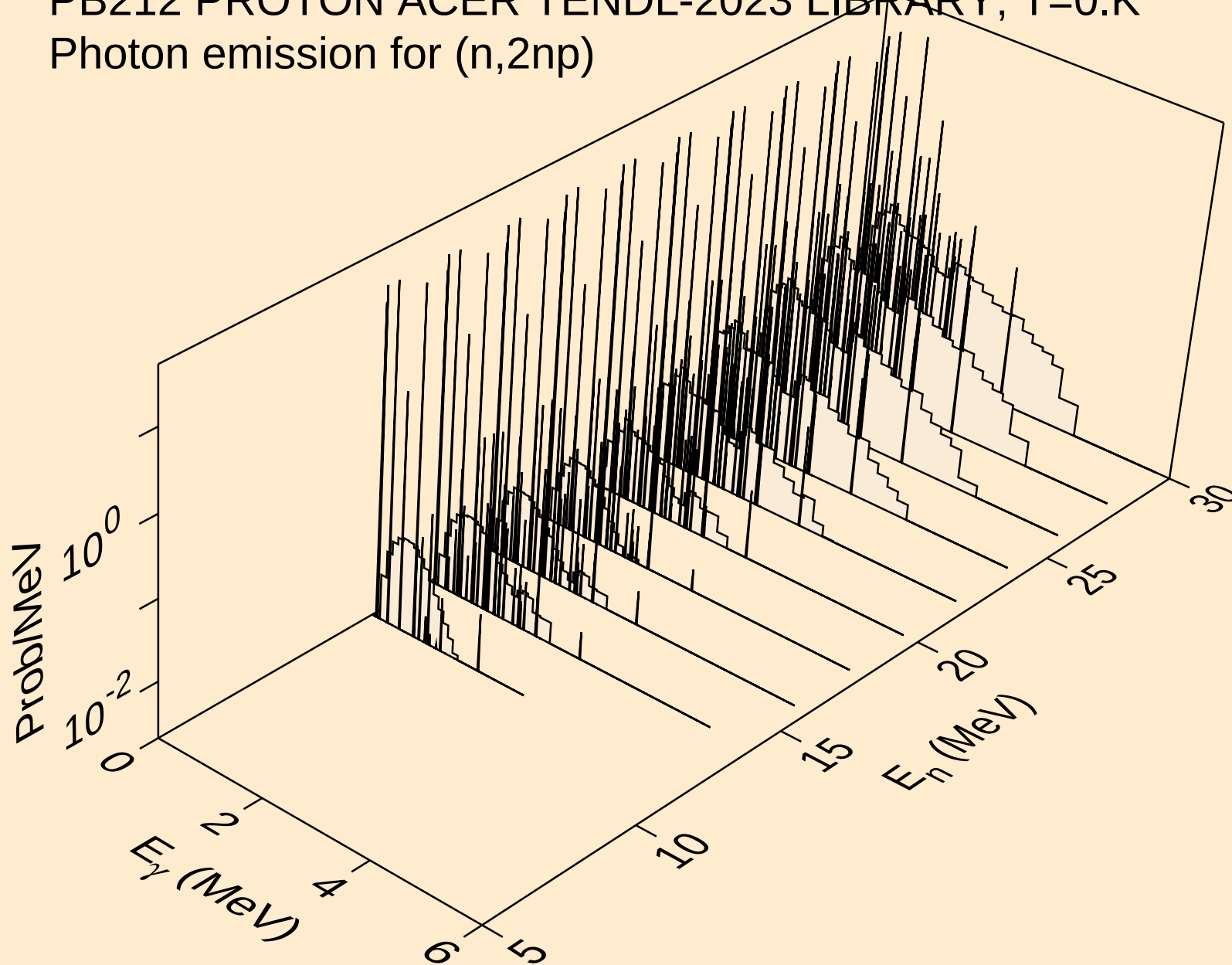
Photon emission for $(n,n^*)\text{he3}$



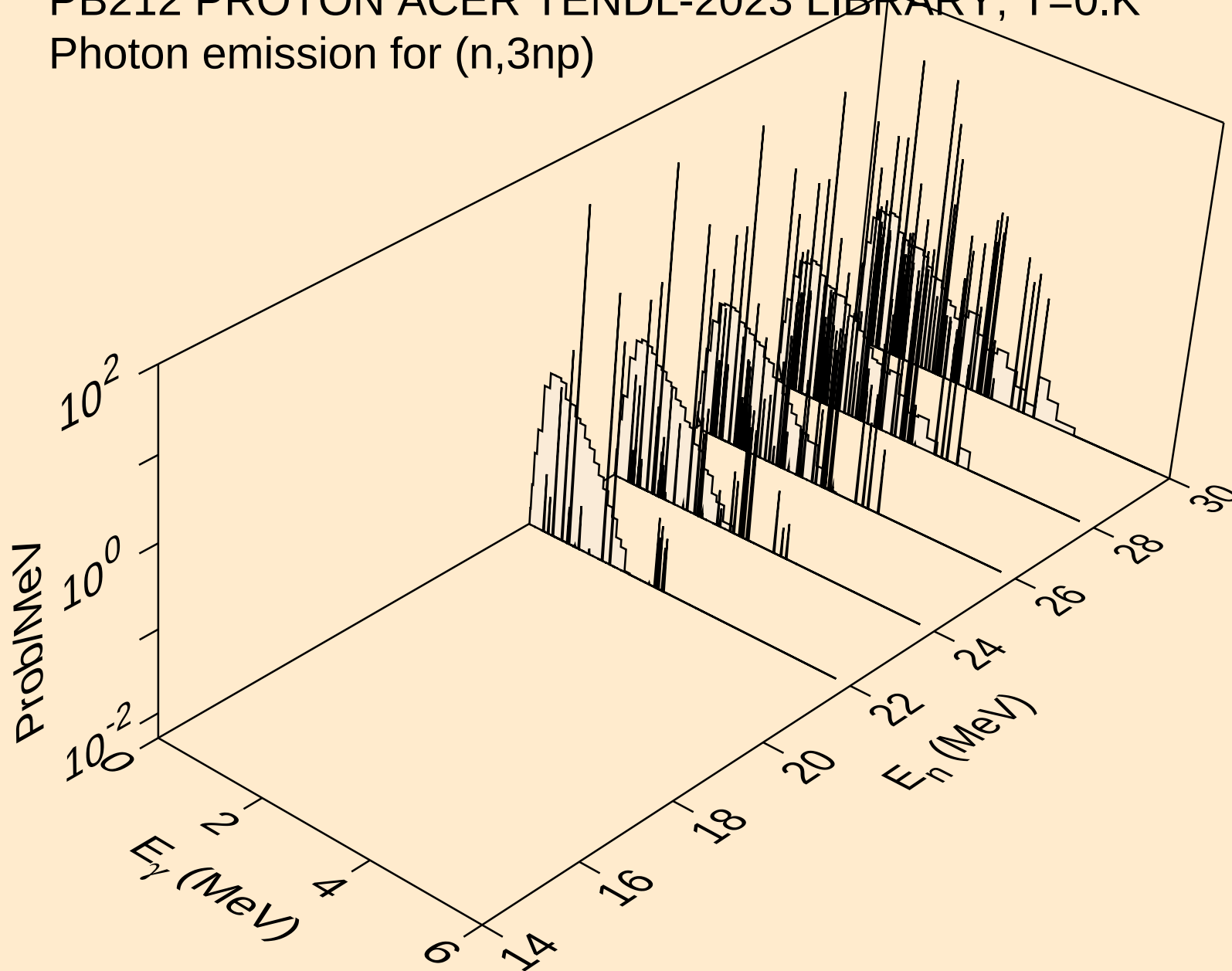
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,4n)



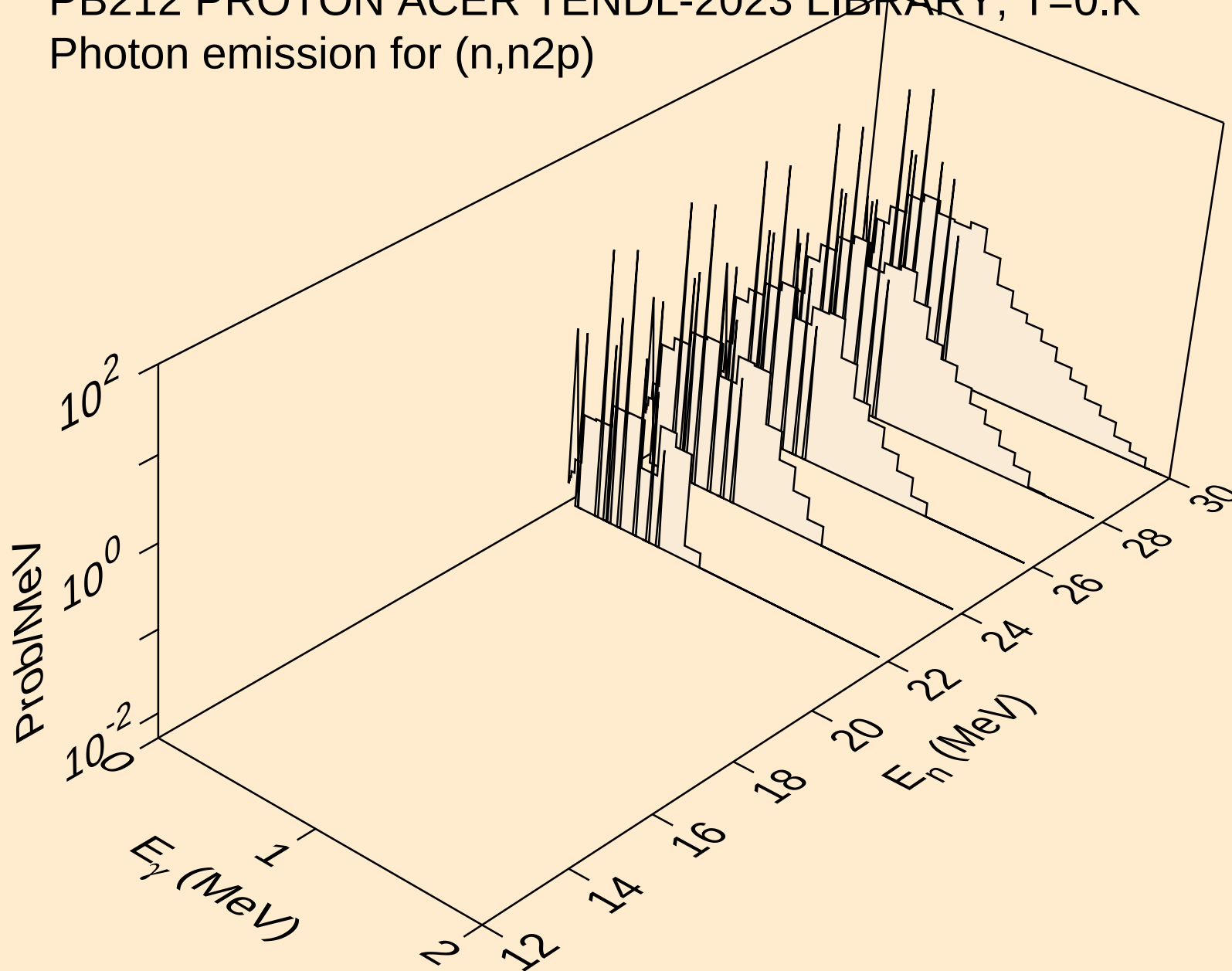
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2np)



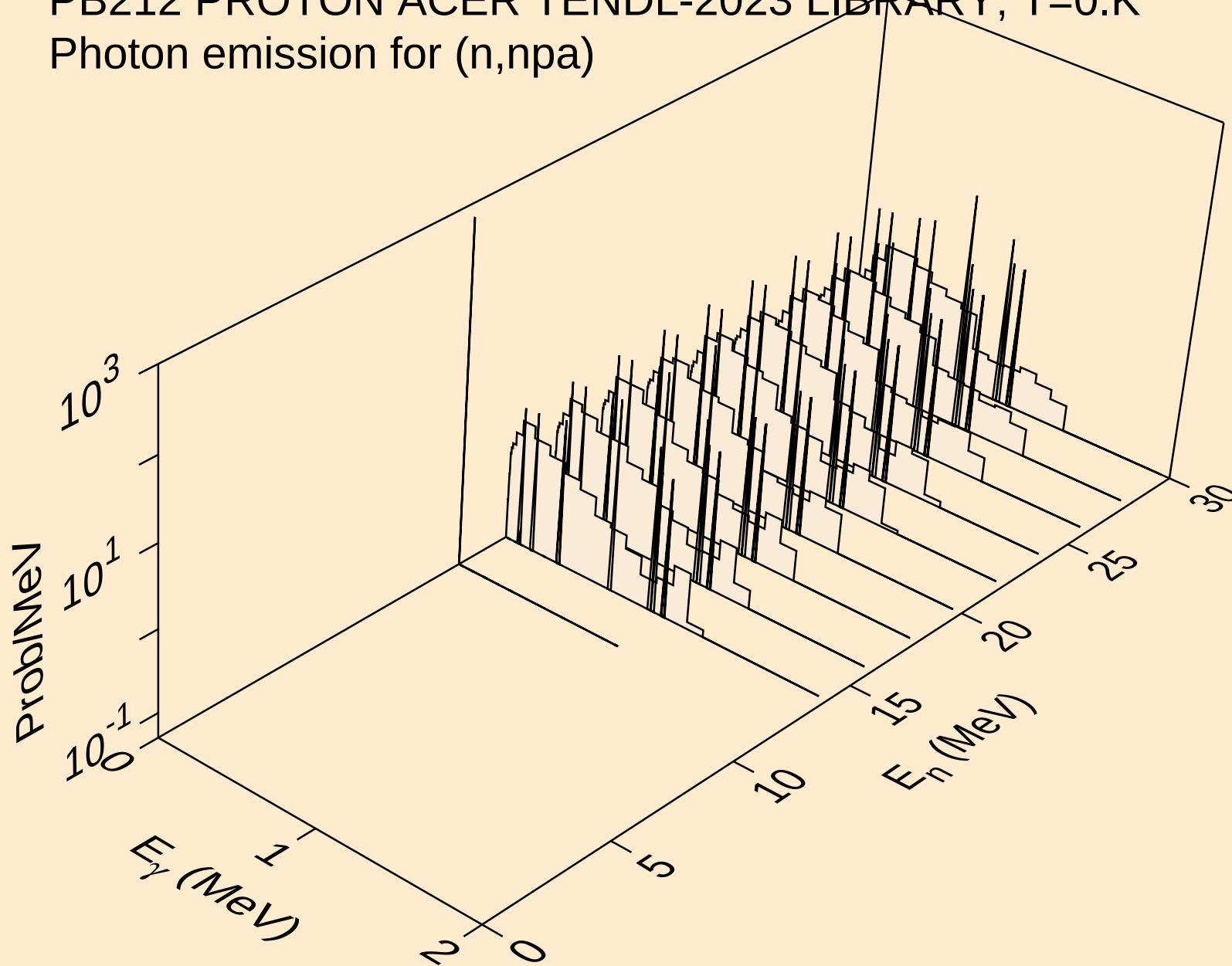
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3np)



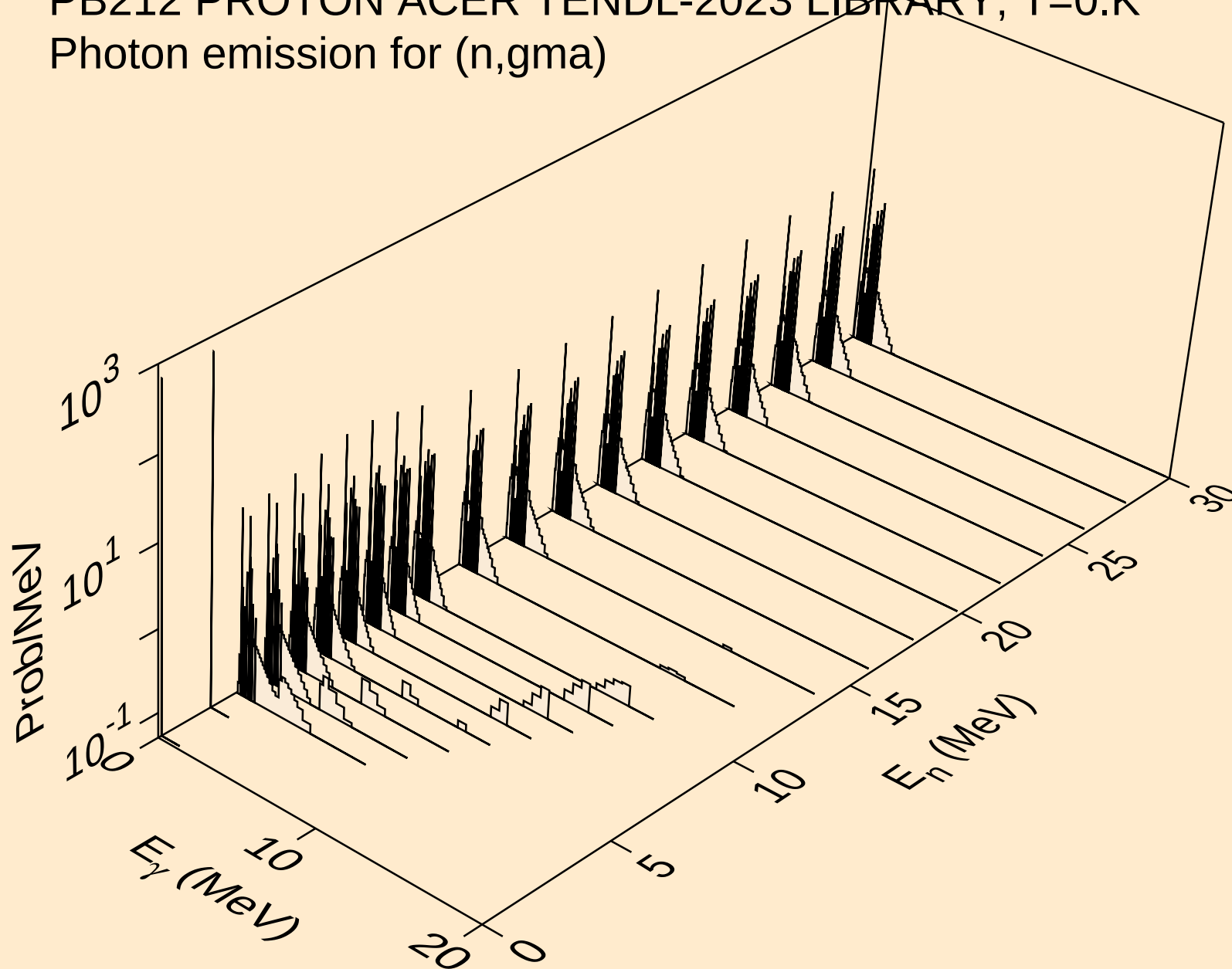
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n2p)



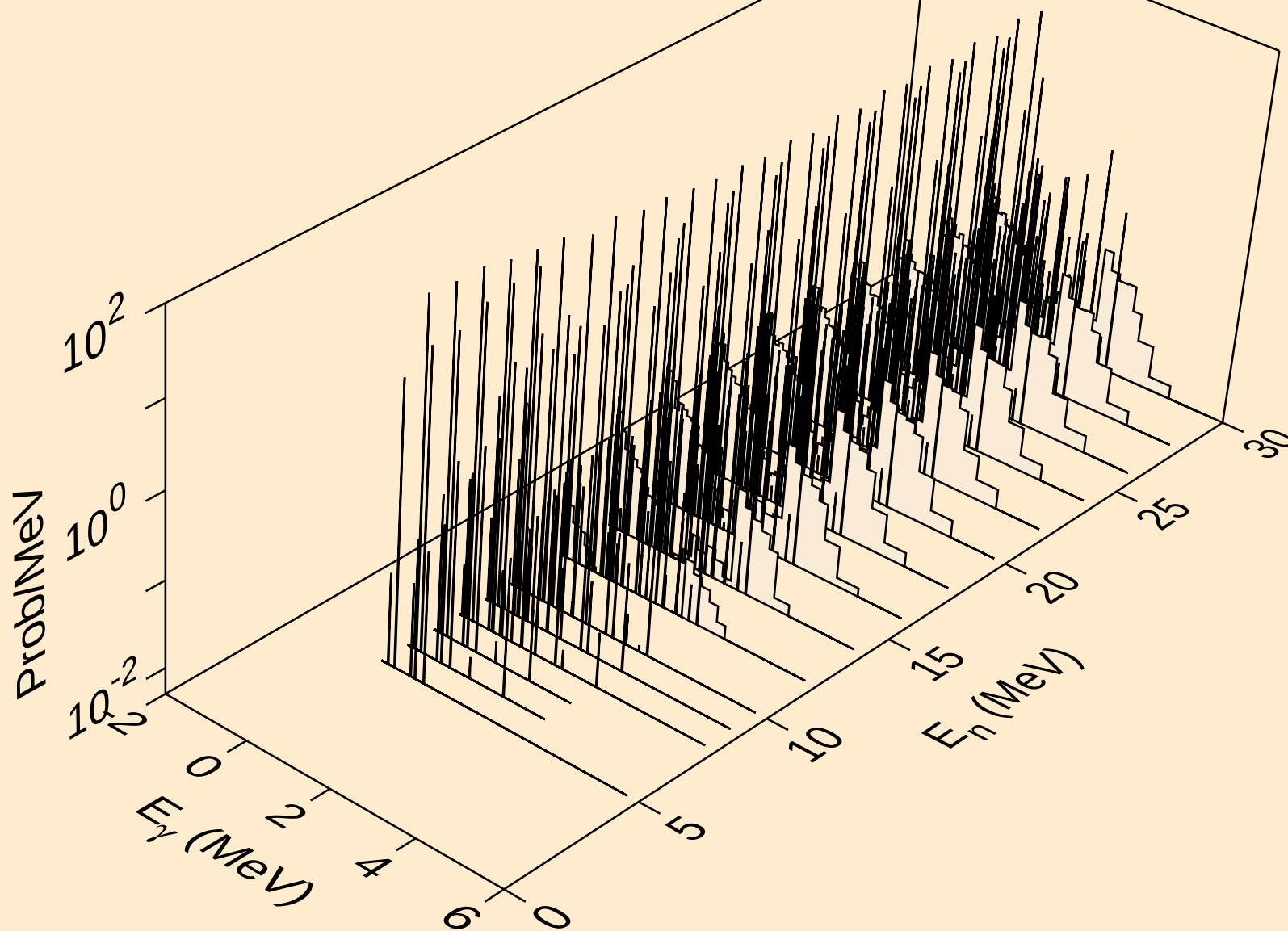
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,npa)



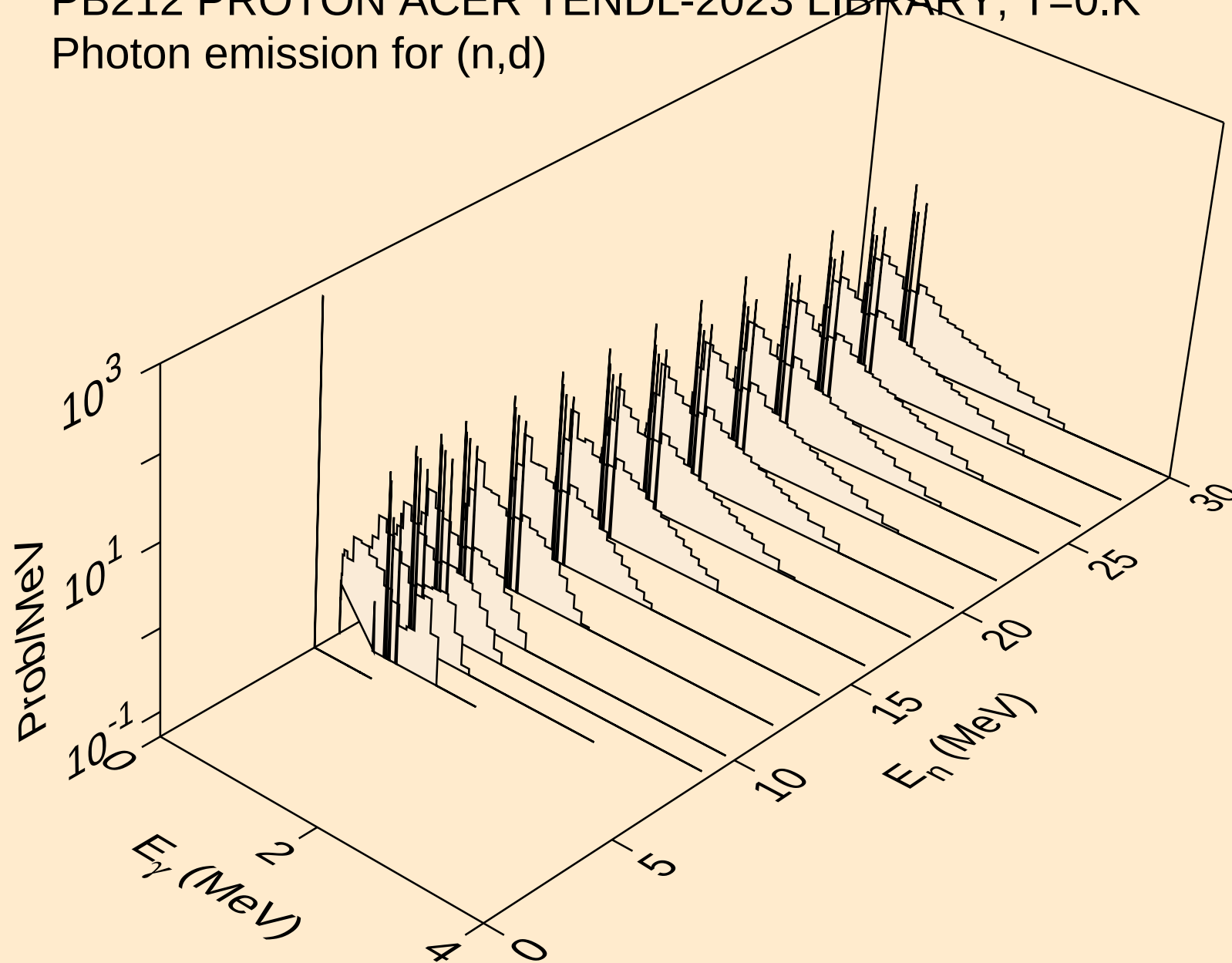
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,gma)



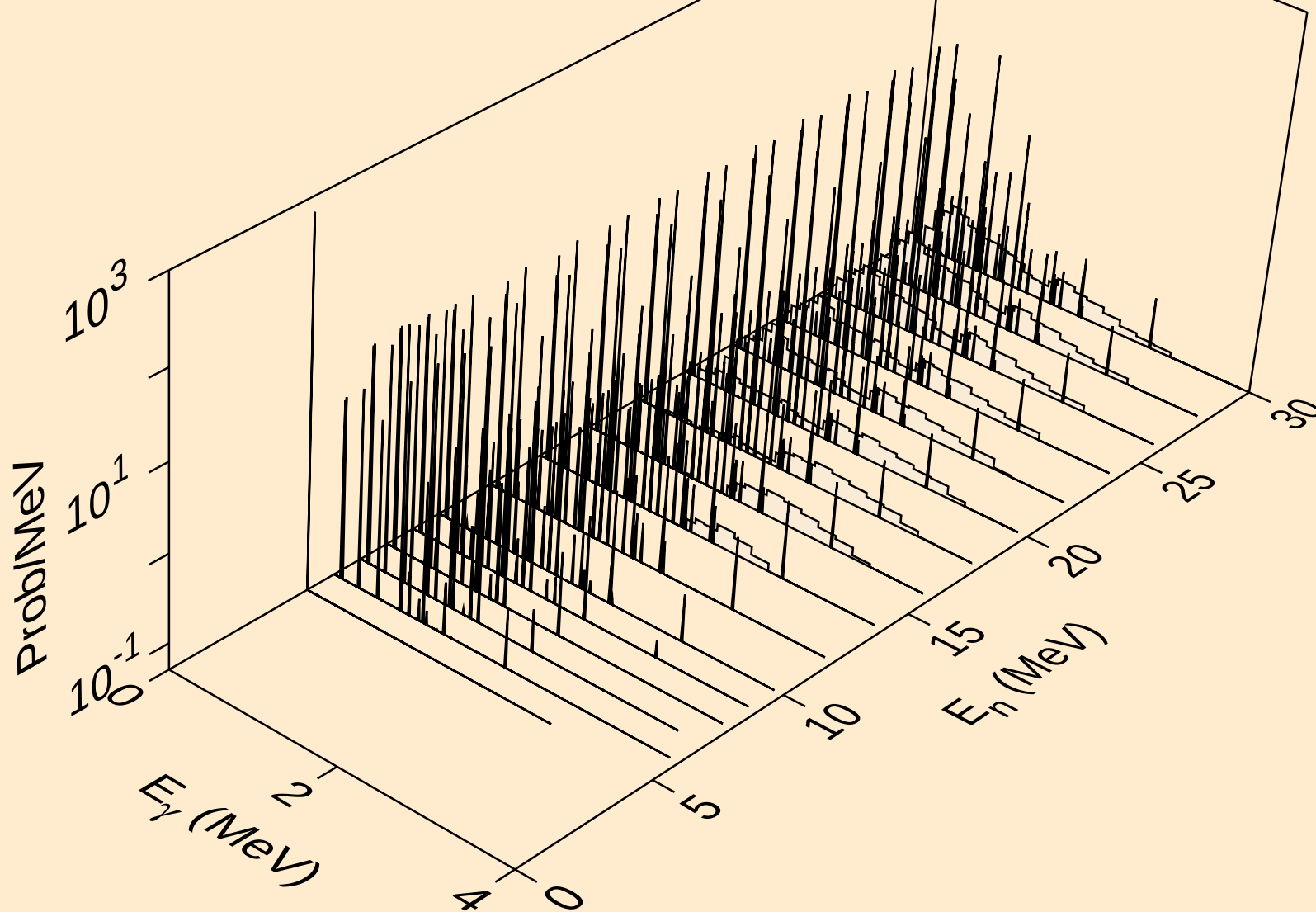
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for inelastic



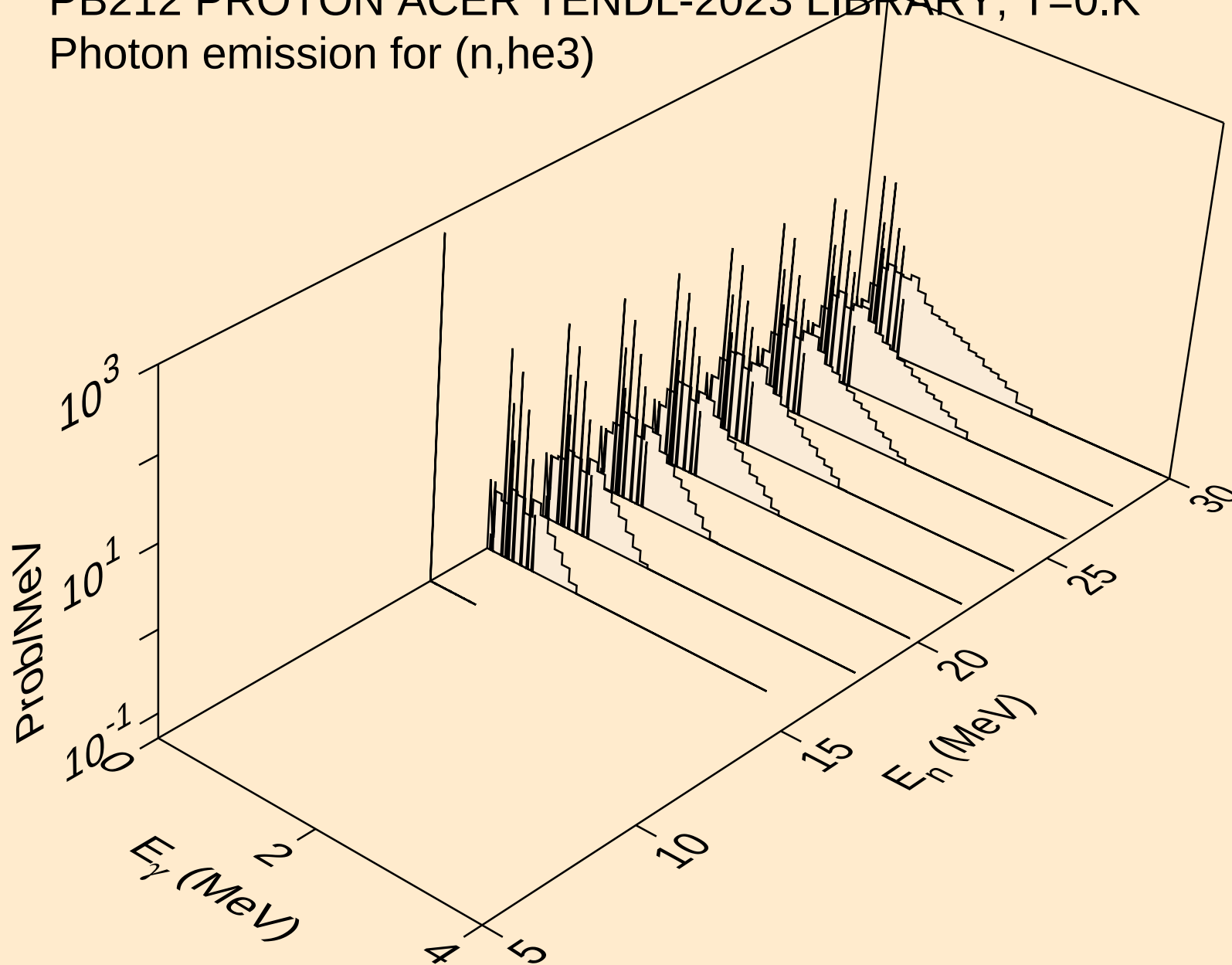
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,d)



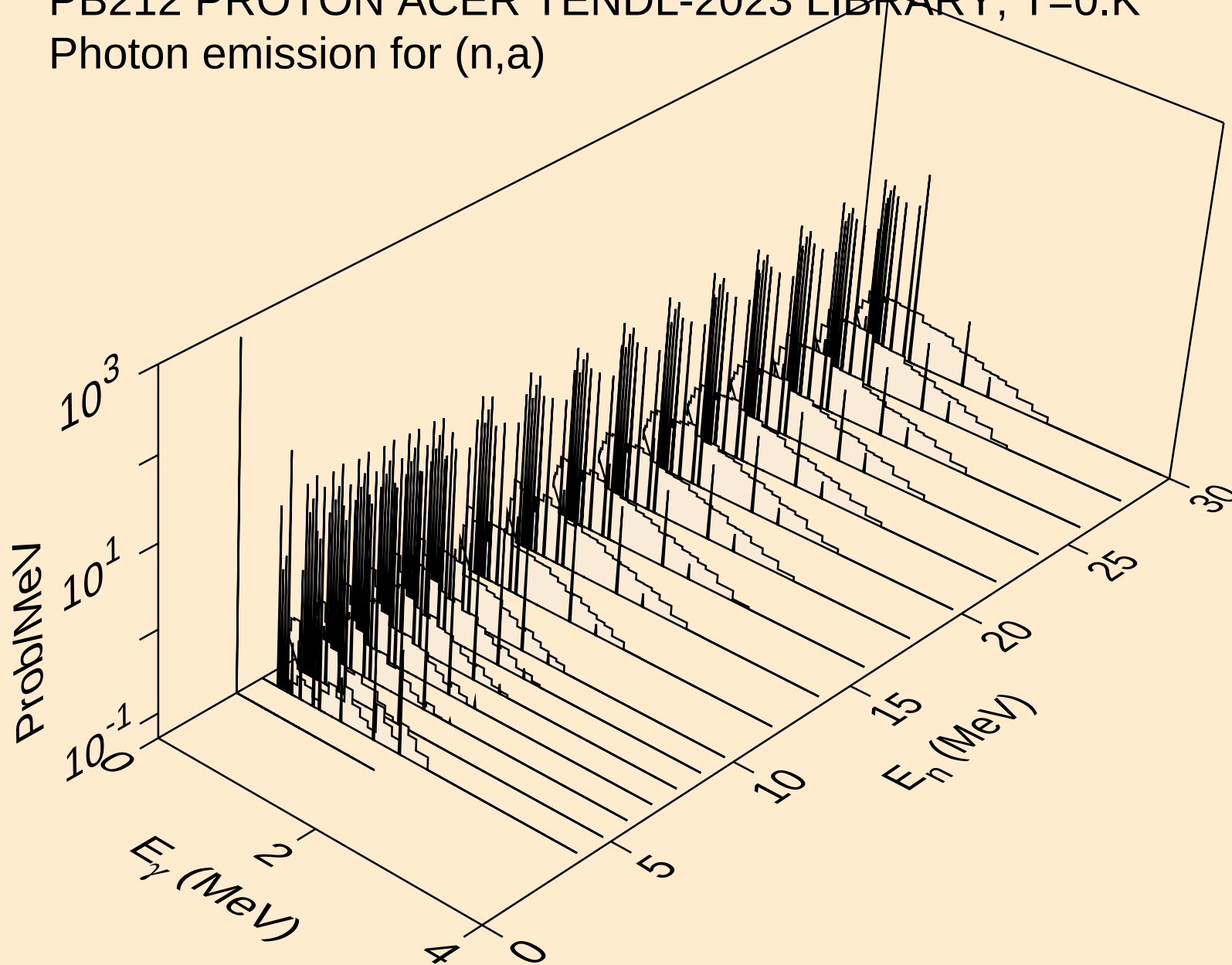
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,t)



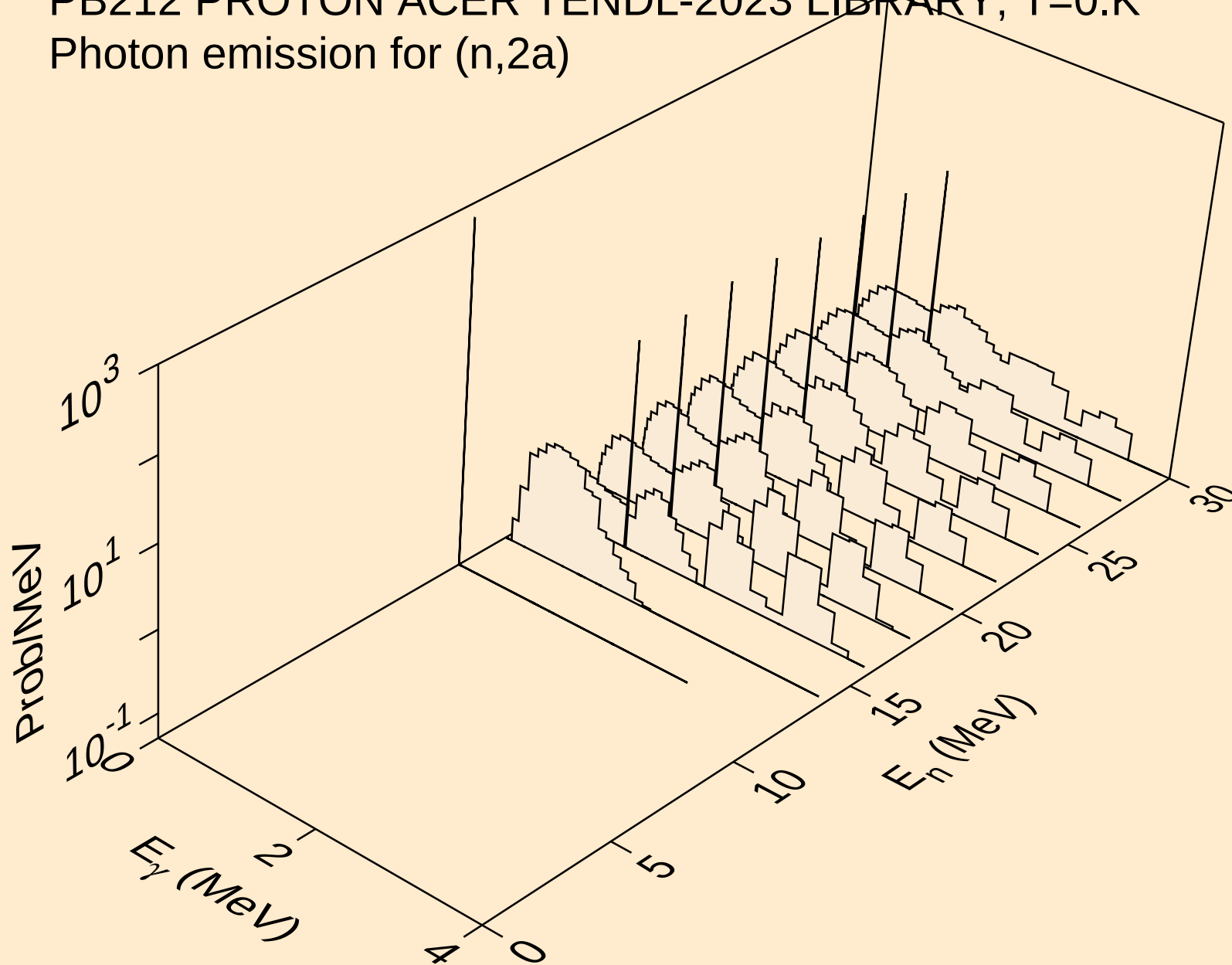
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,he3)



PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,a)

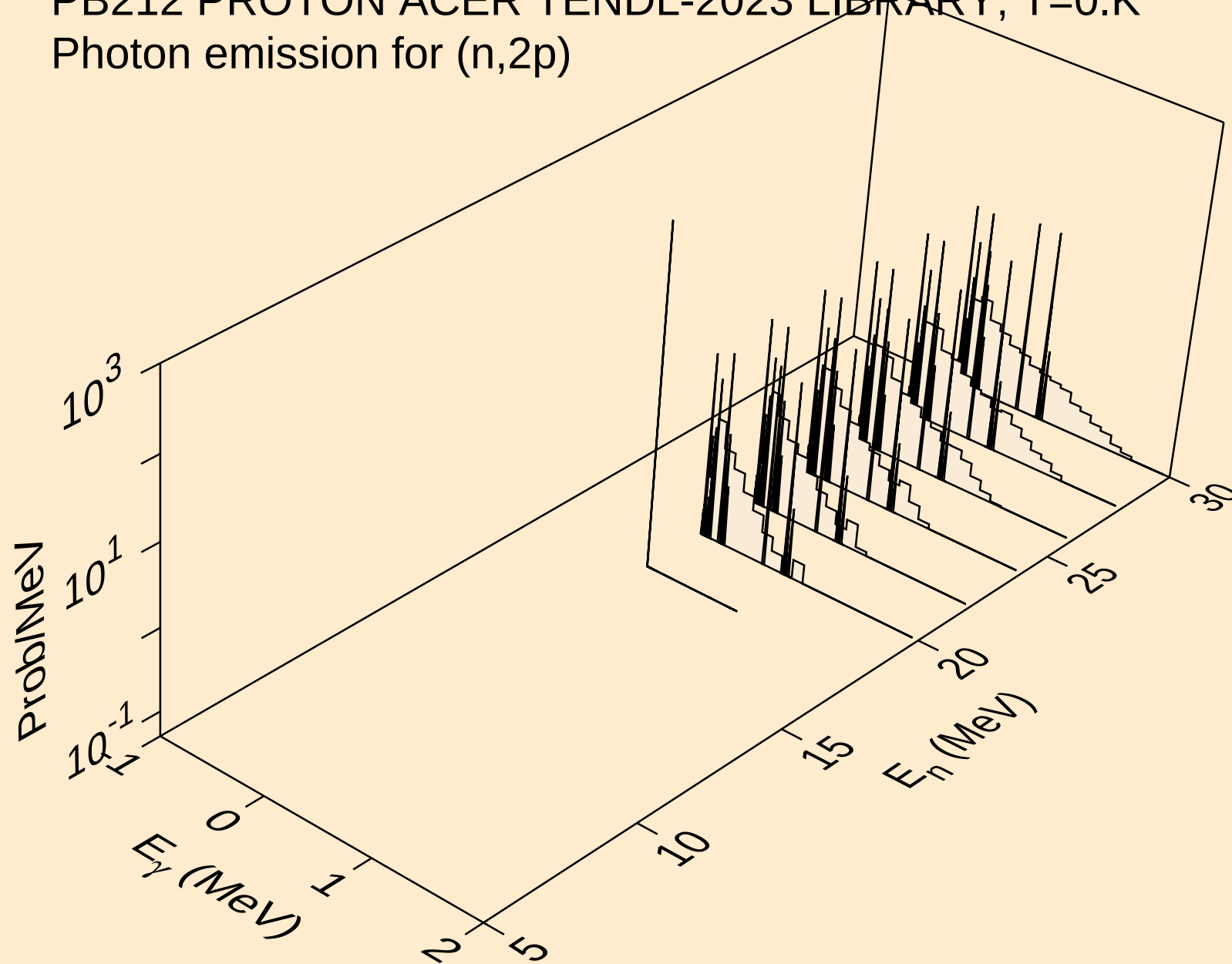


PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2a)

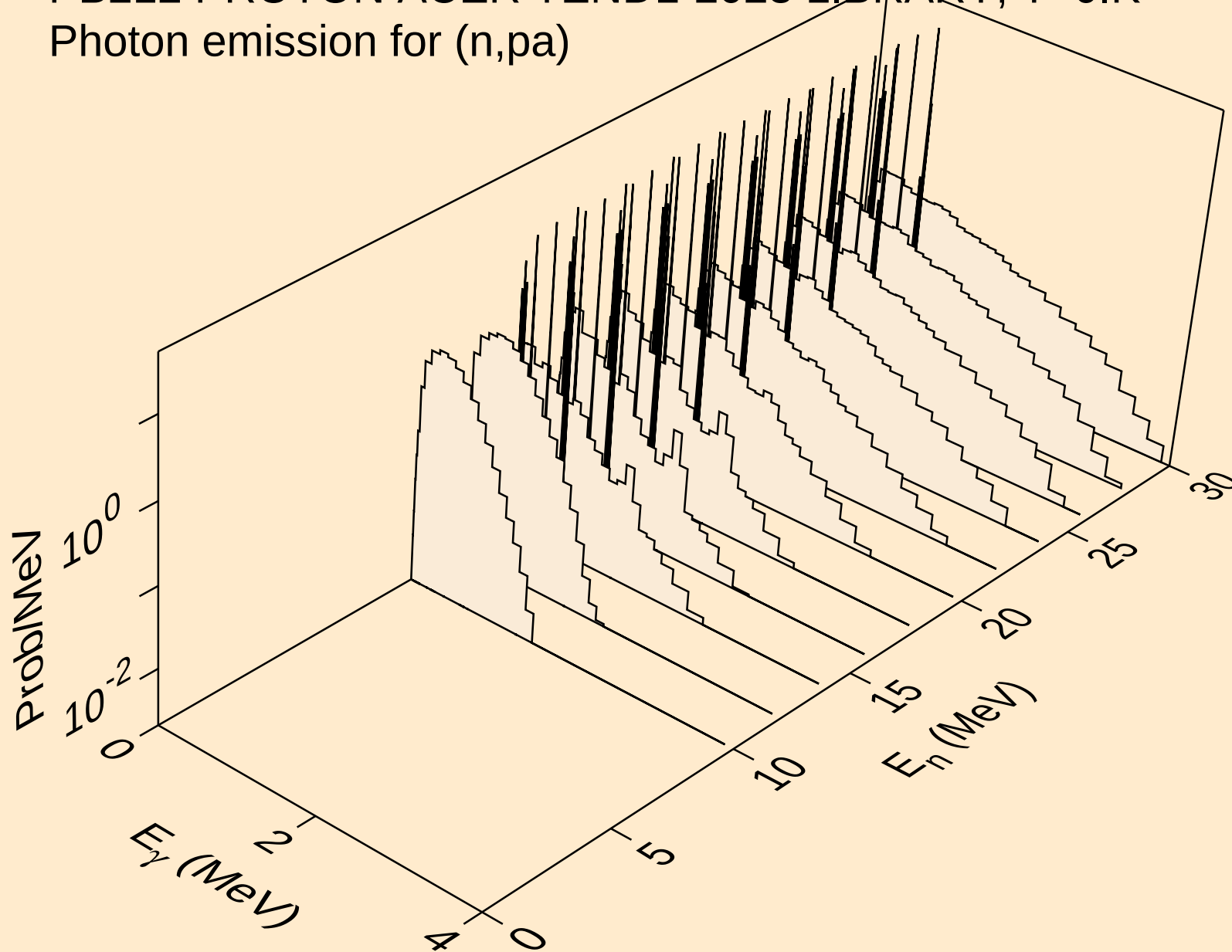


PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for (n,2p)

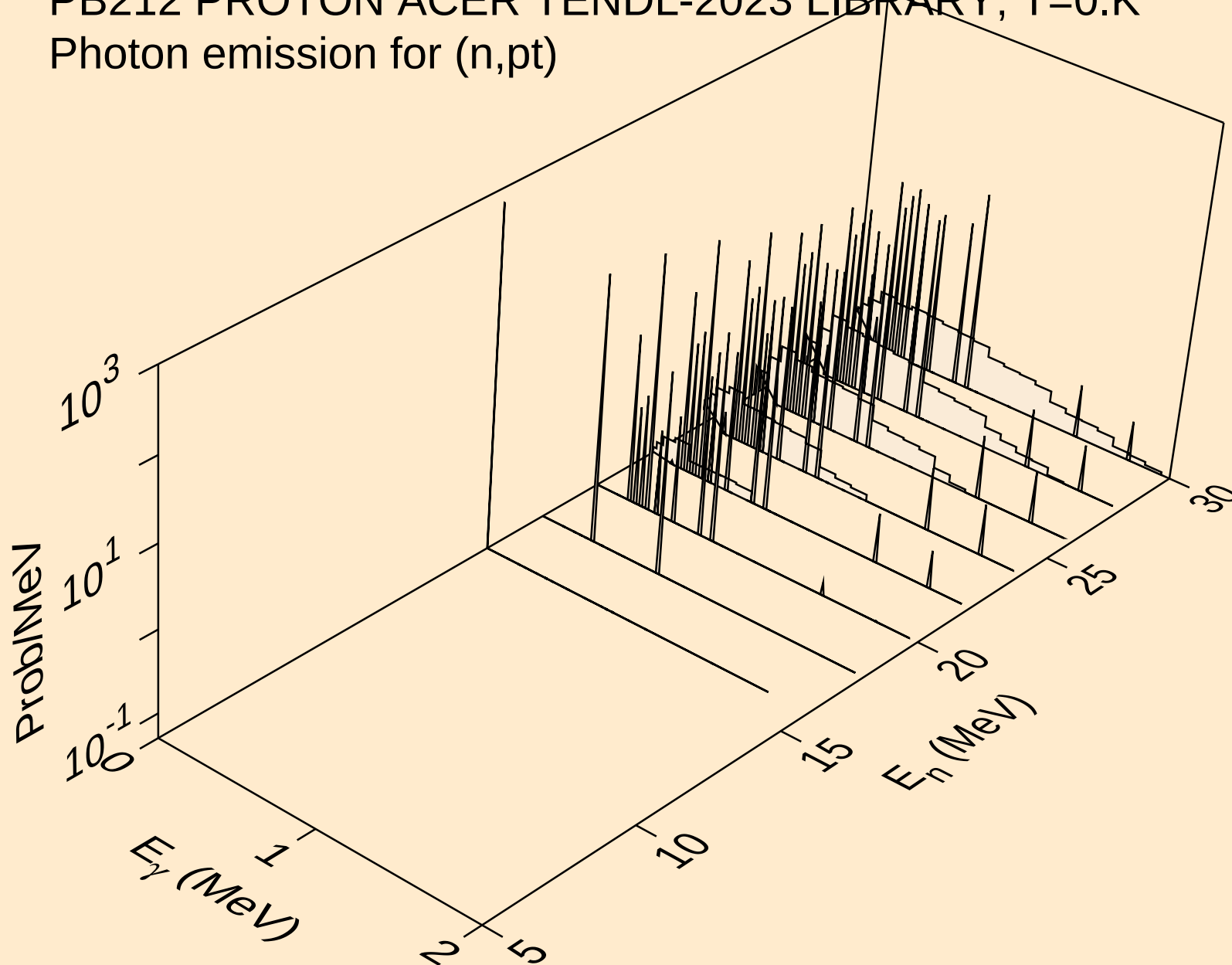


PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p α)

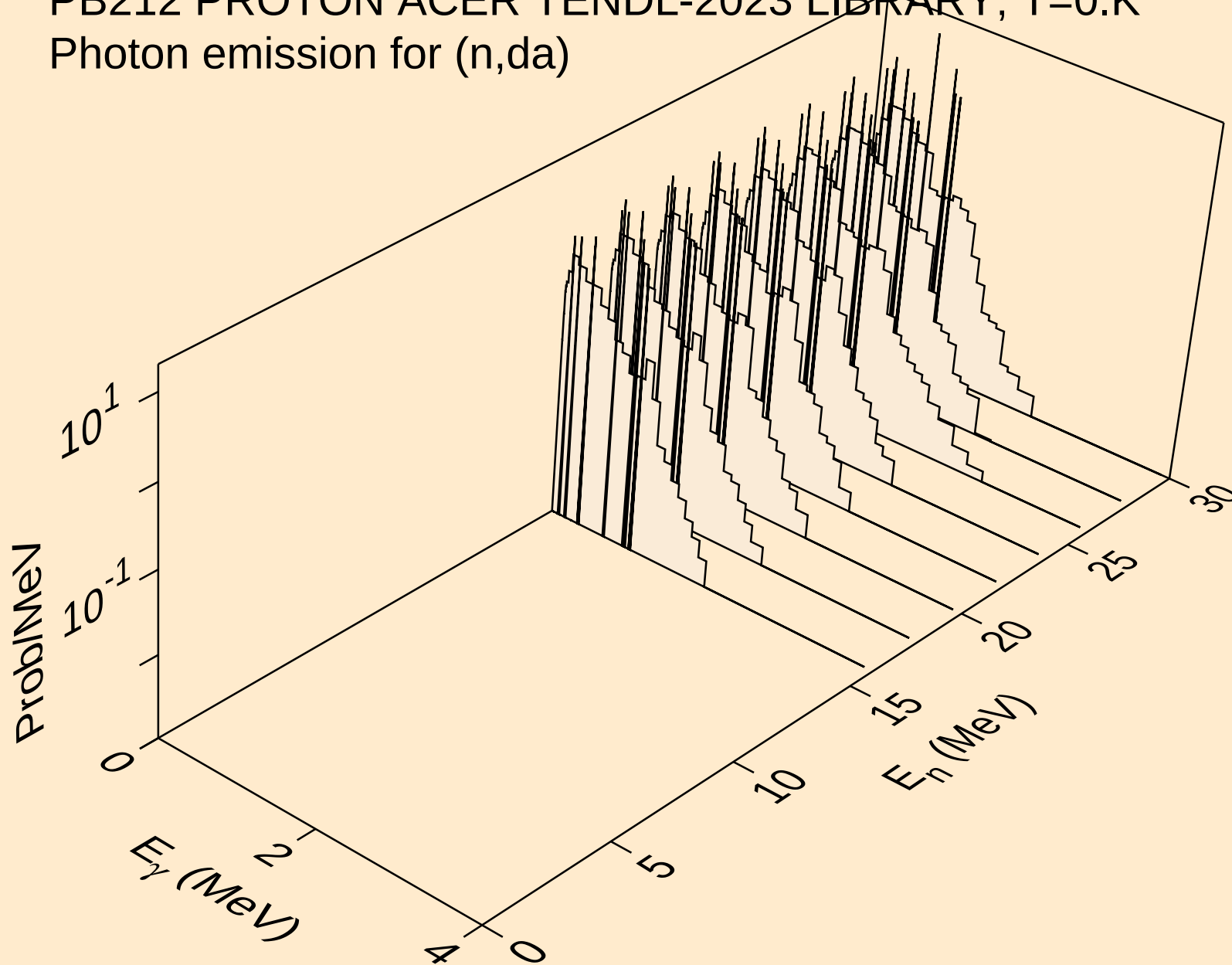


PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for (n,pt)

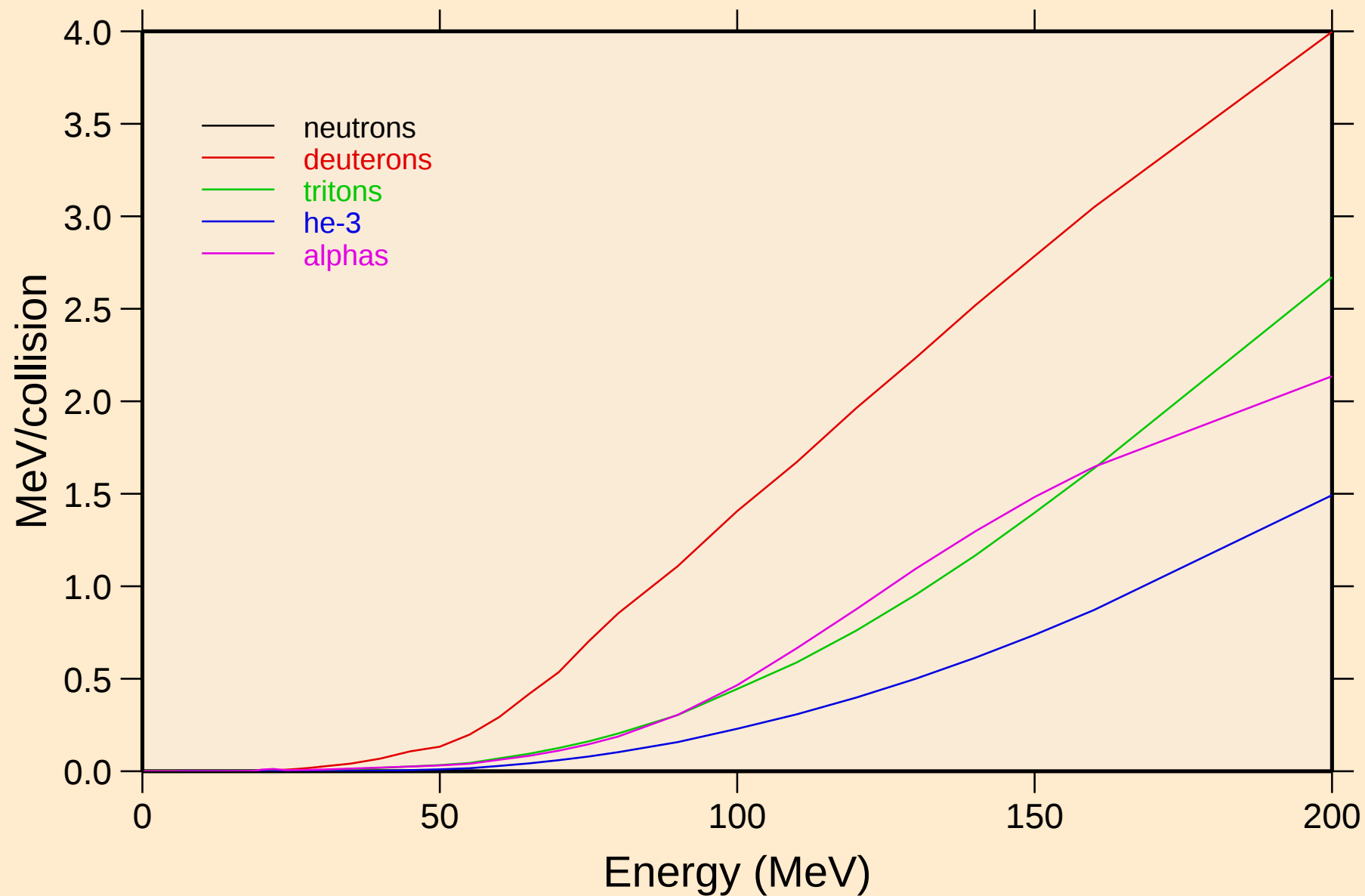


PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,da)



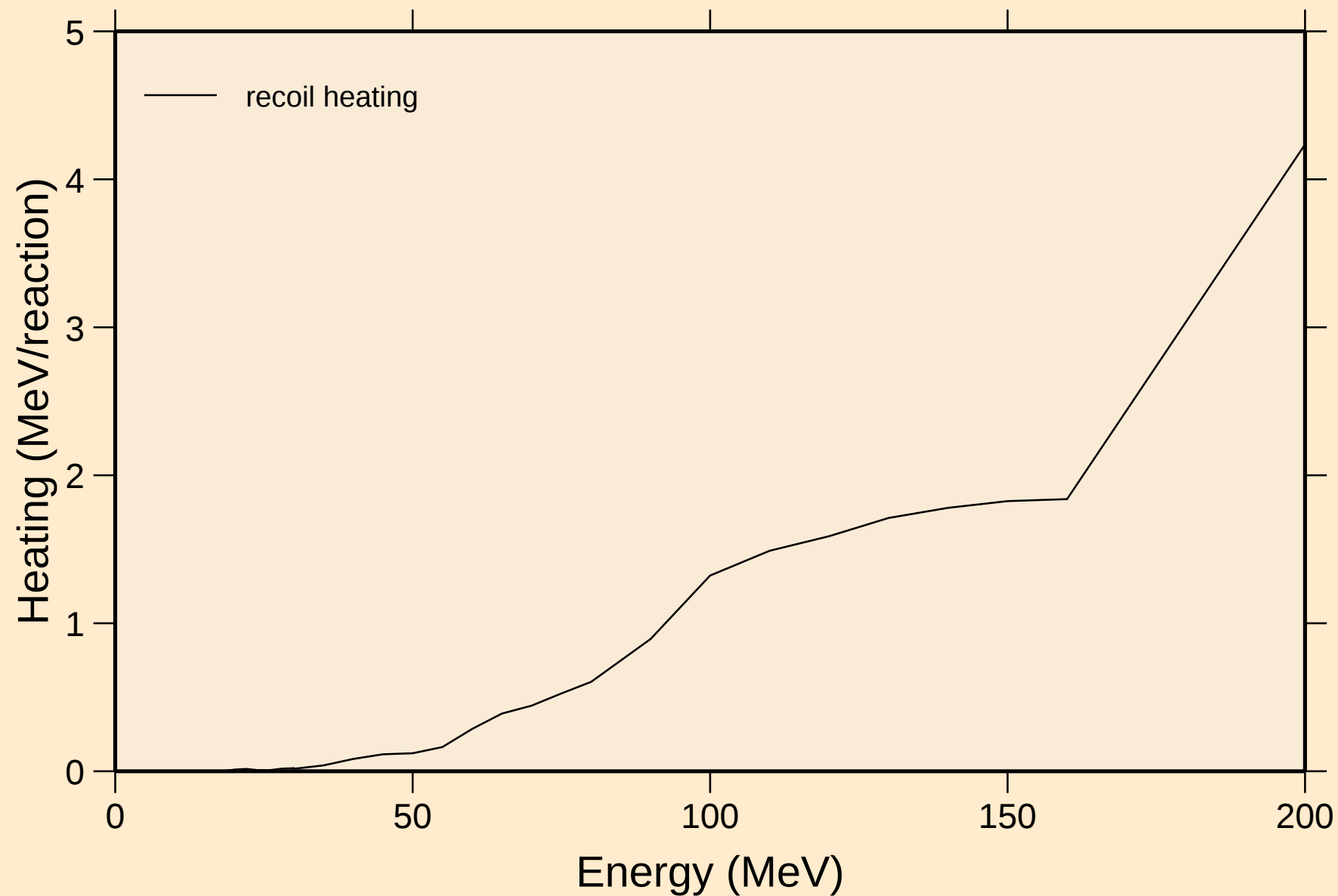
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



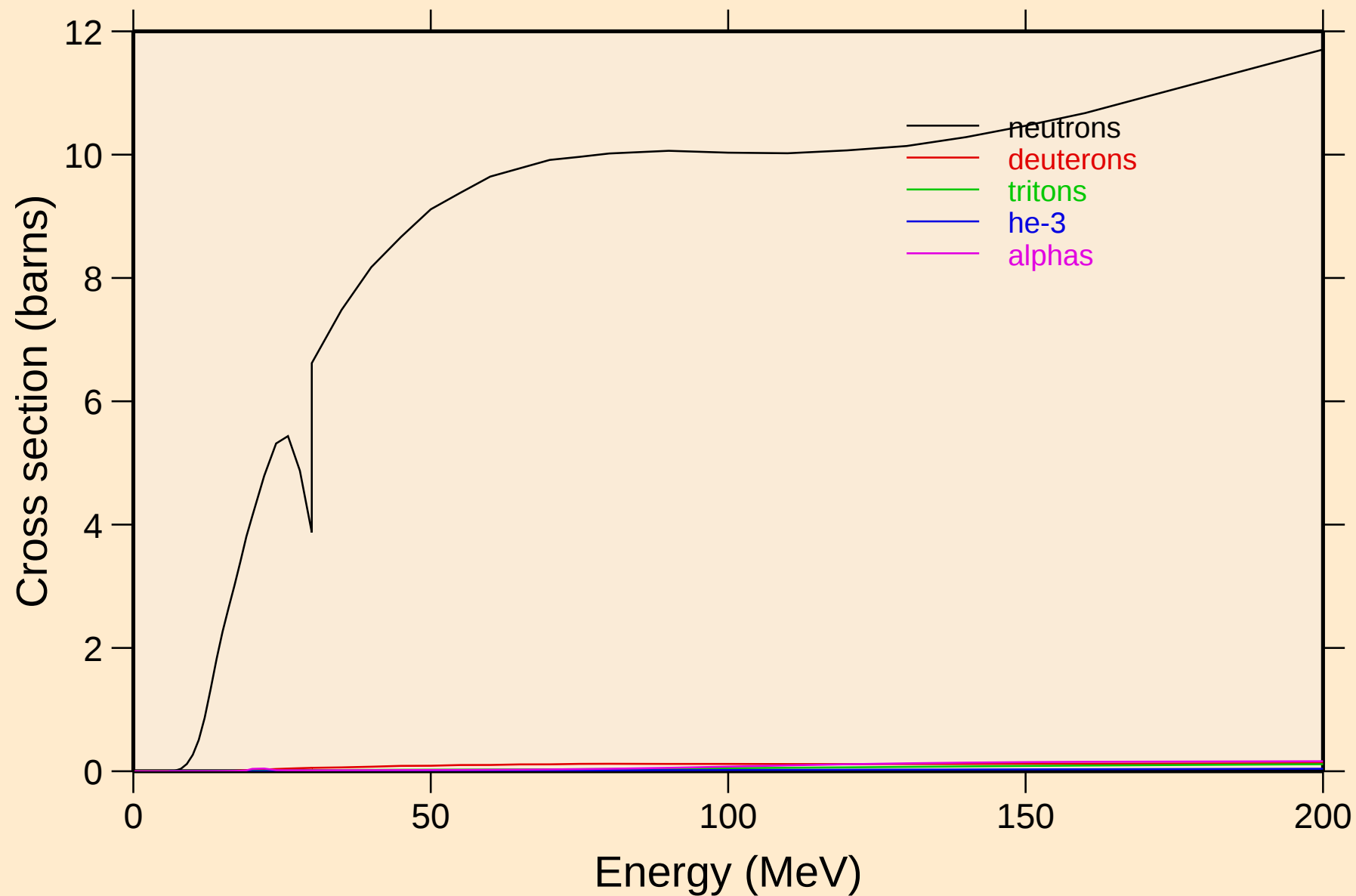
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

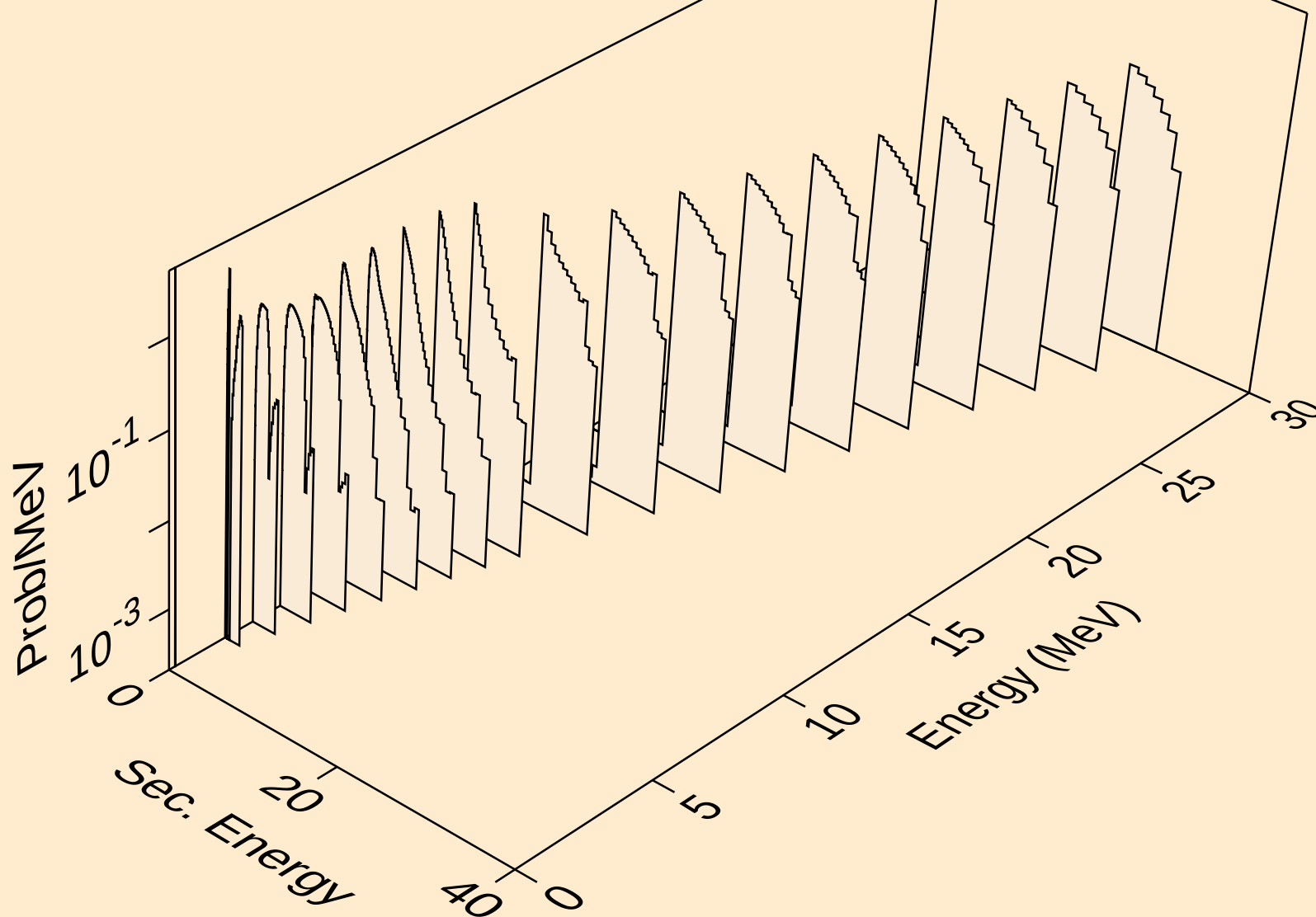


PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K

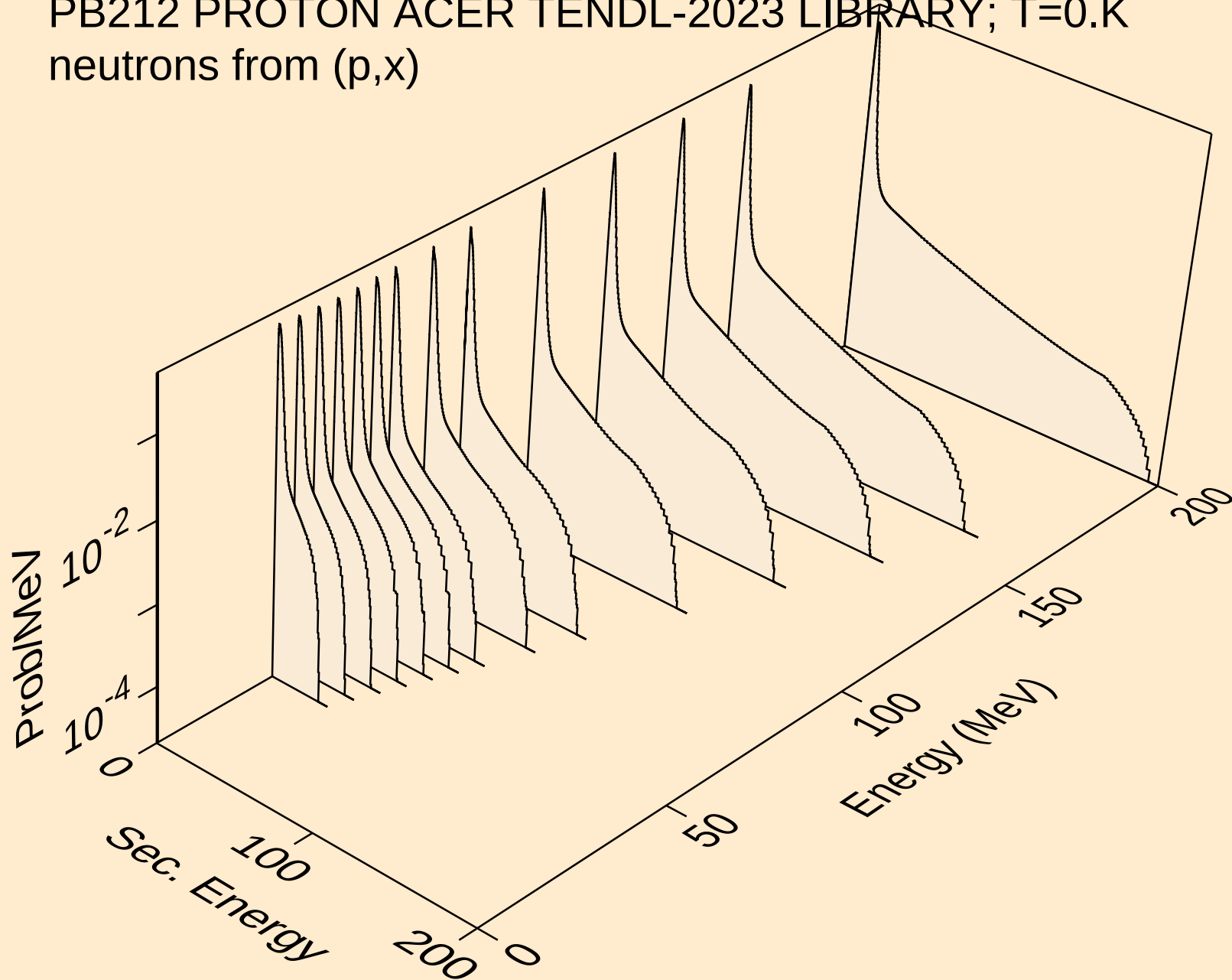
Particle production cross sections



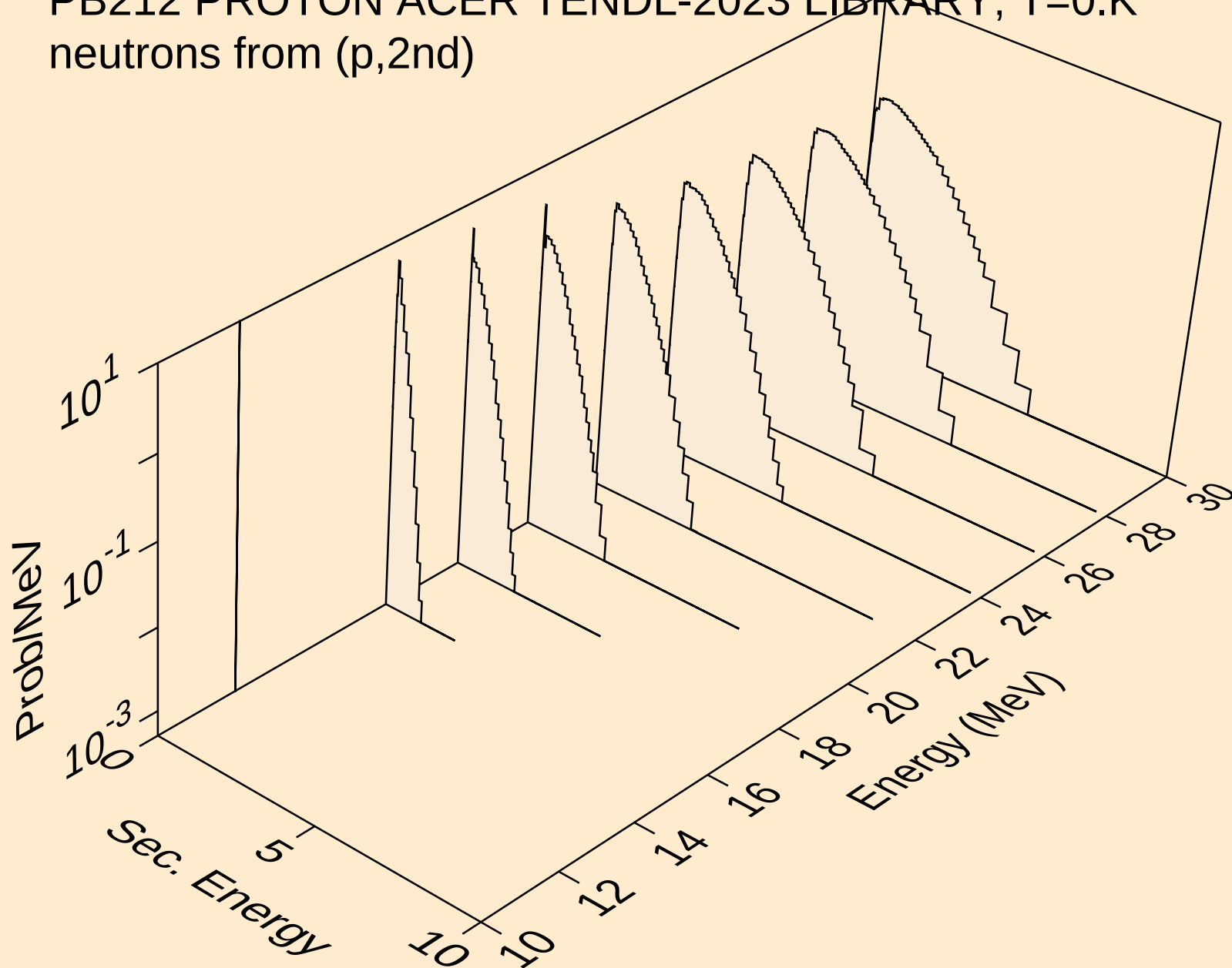
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



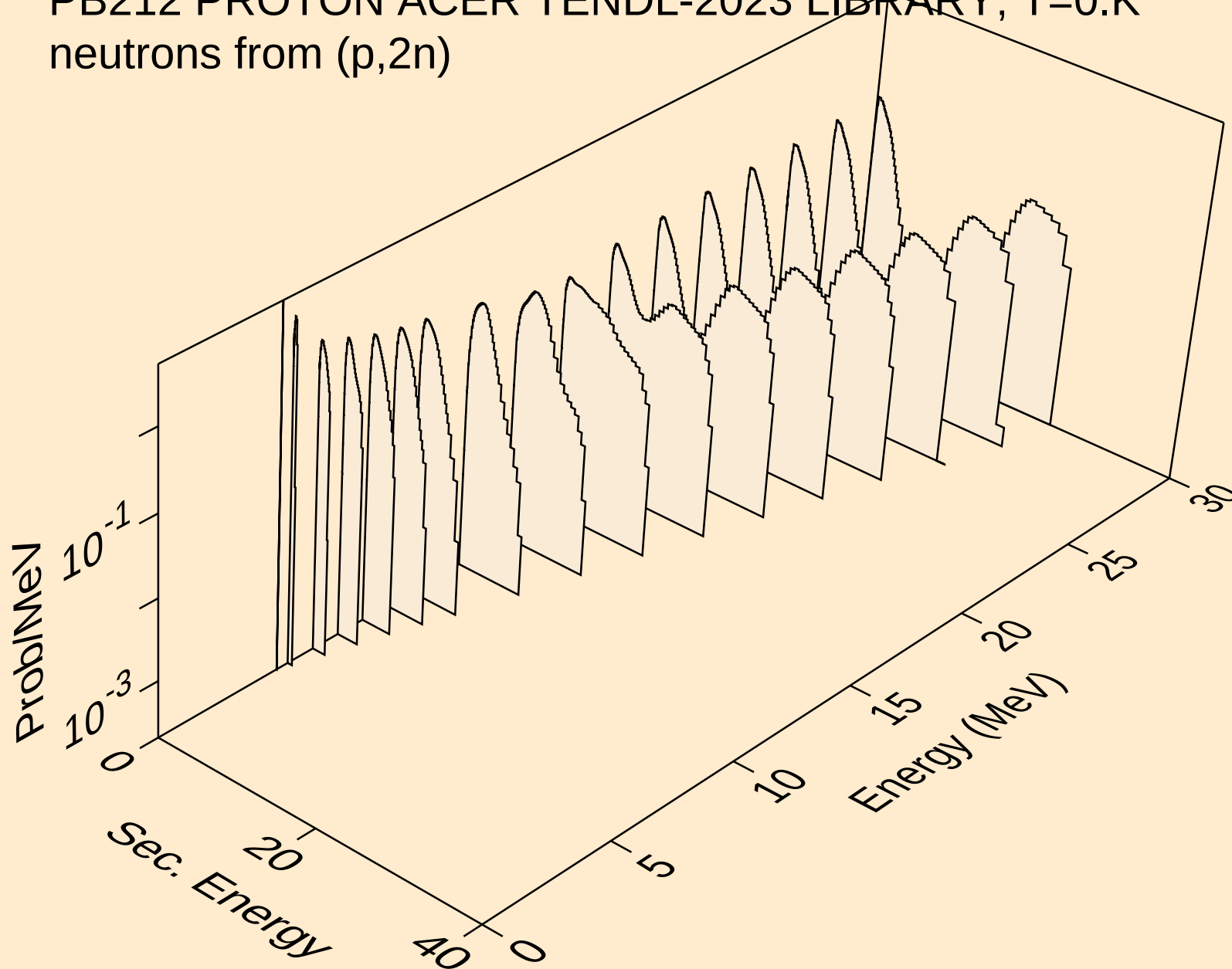
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



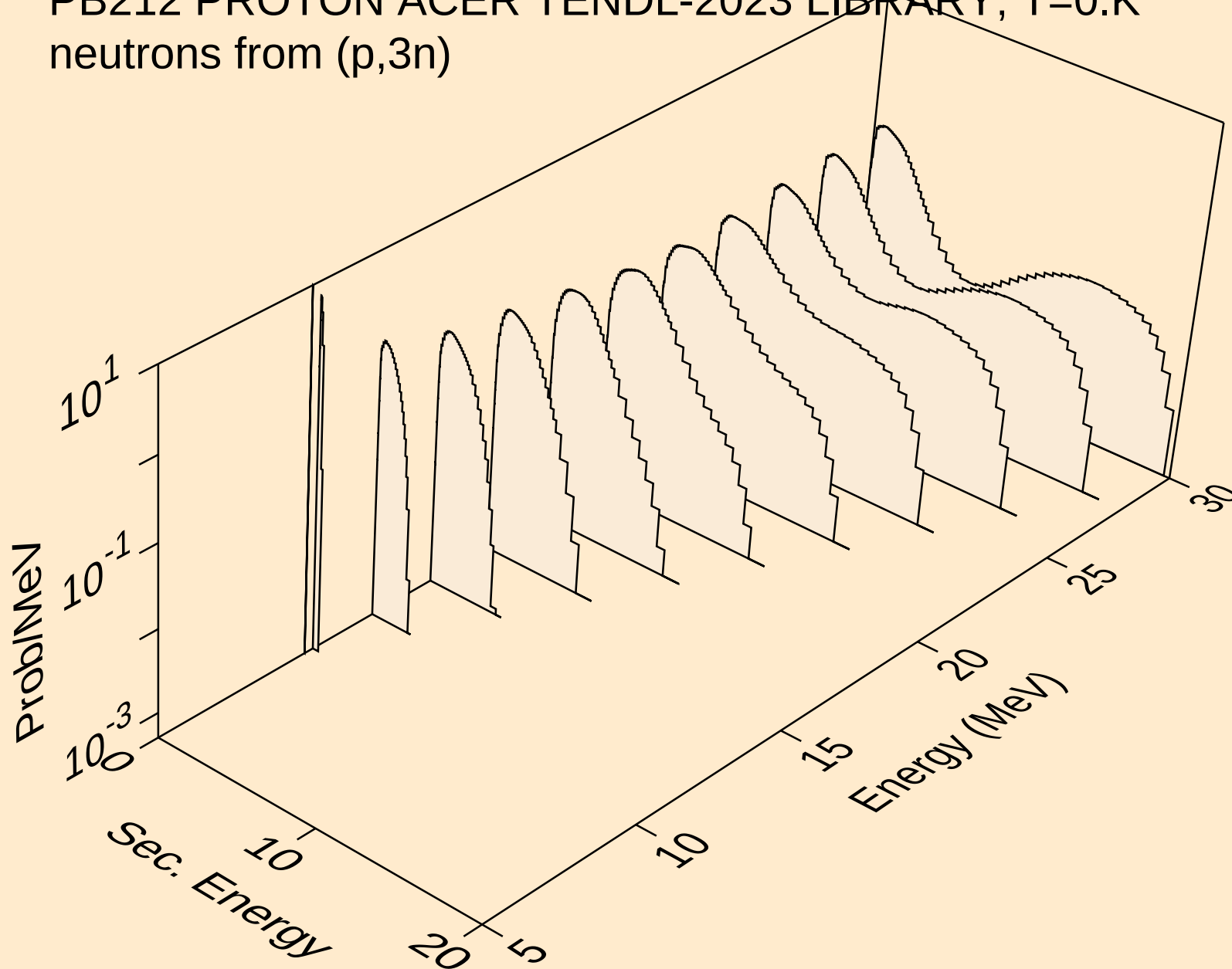
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2nd)



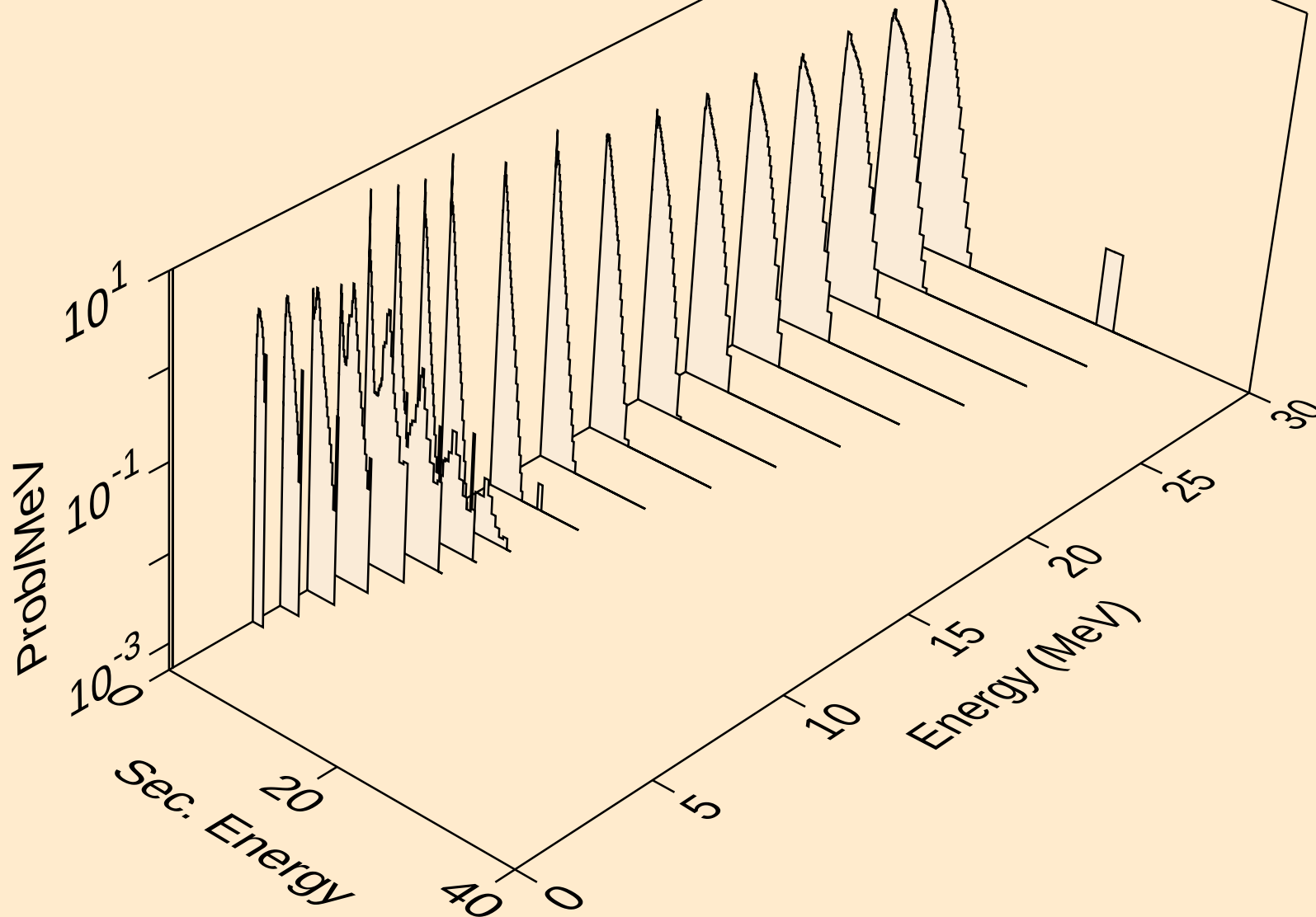
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



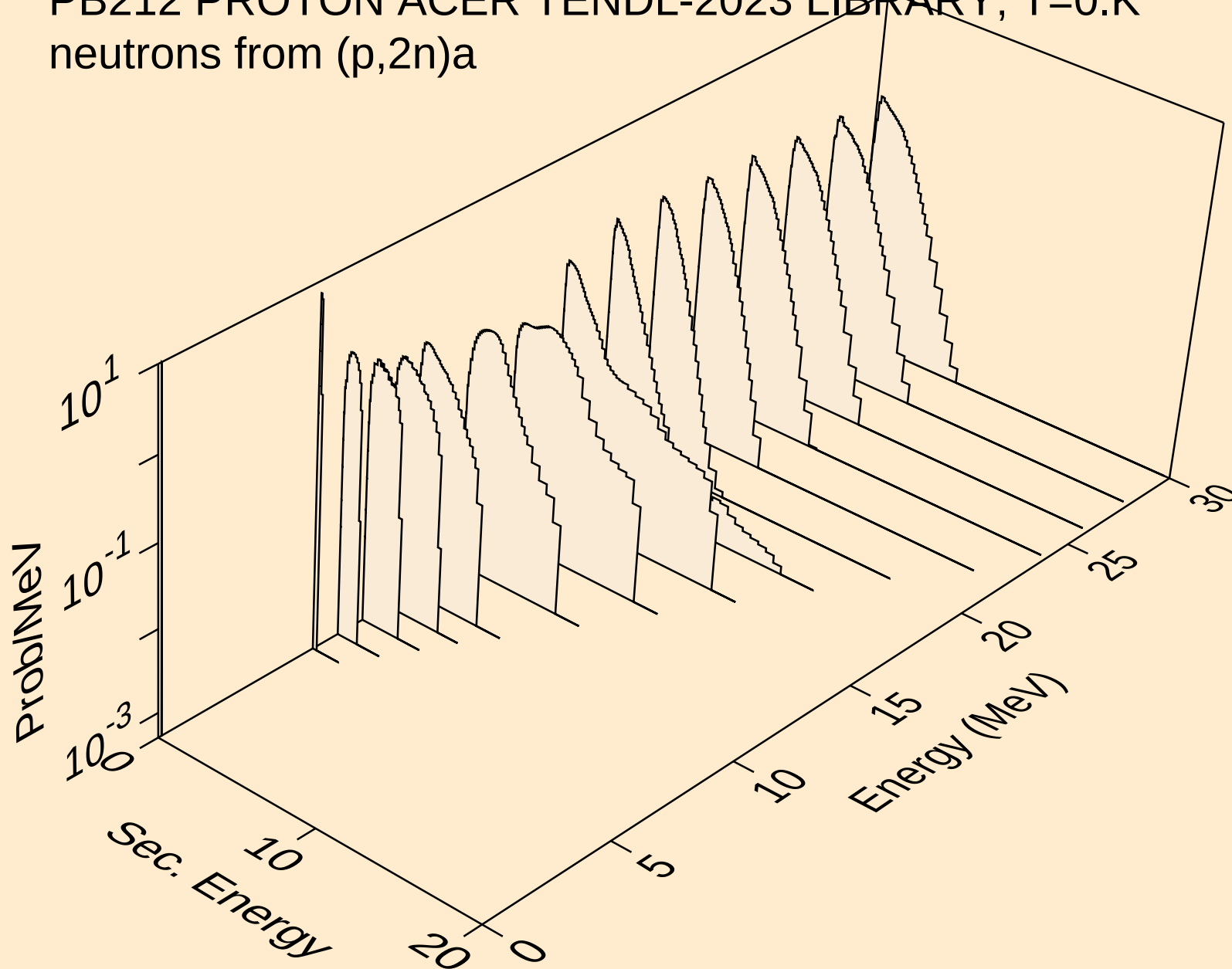
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



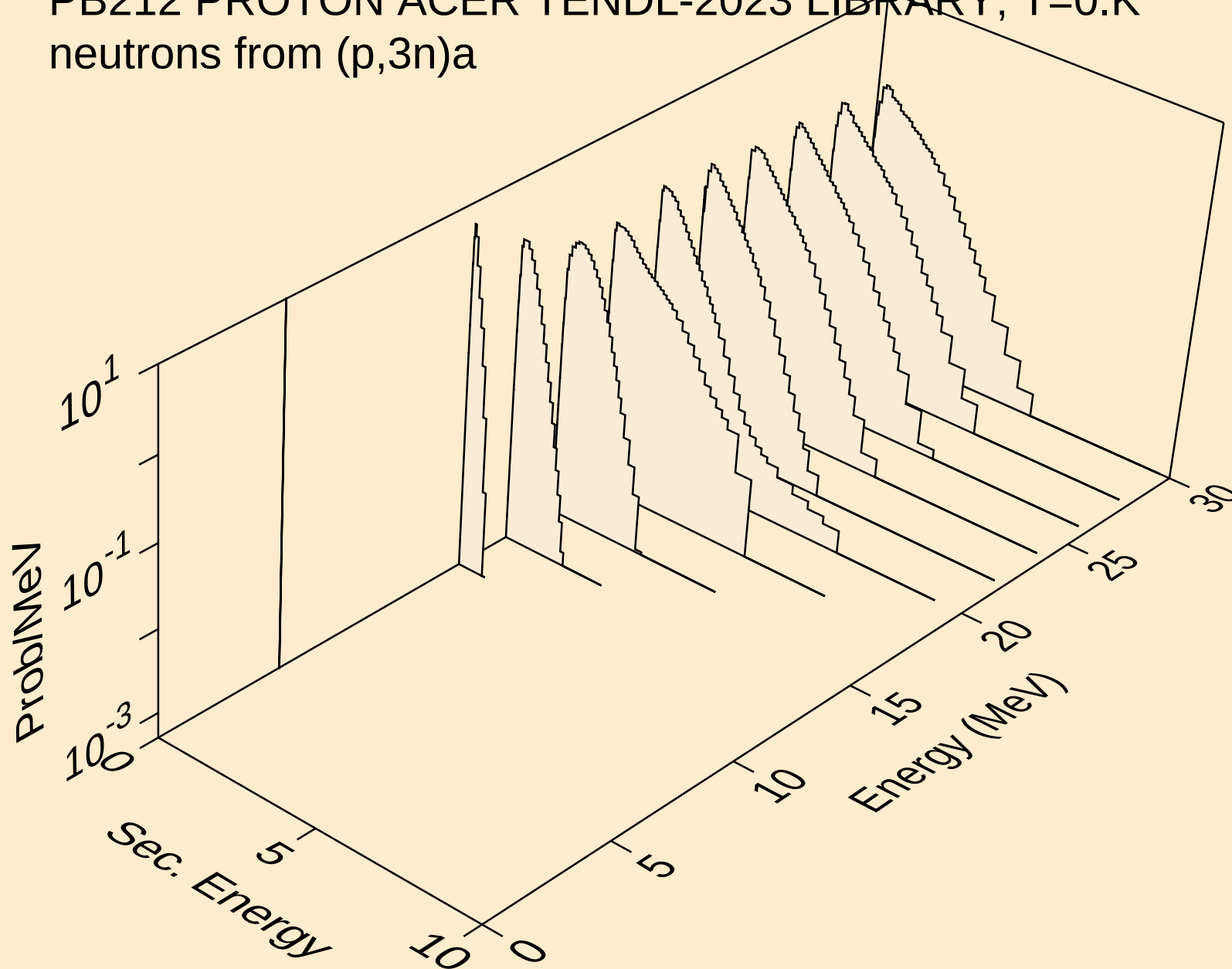
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)_a$



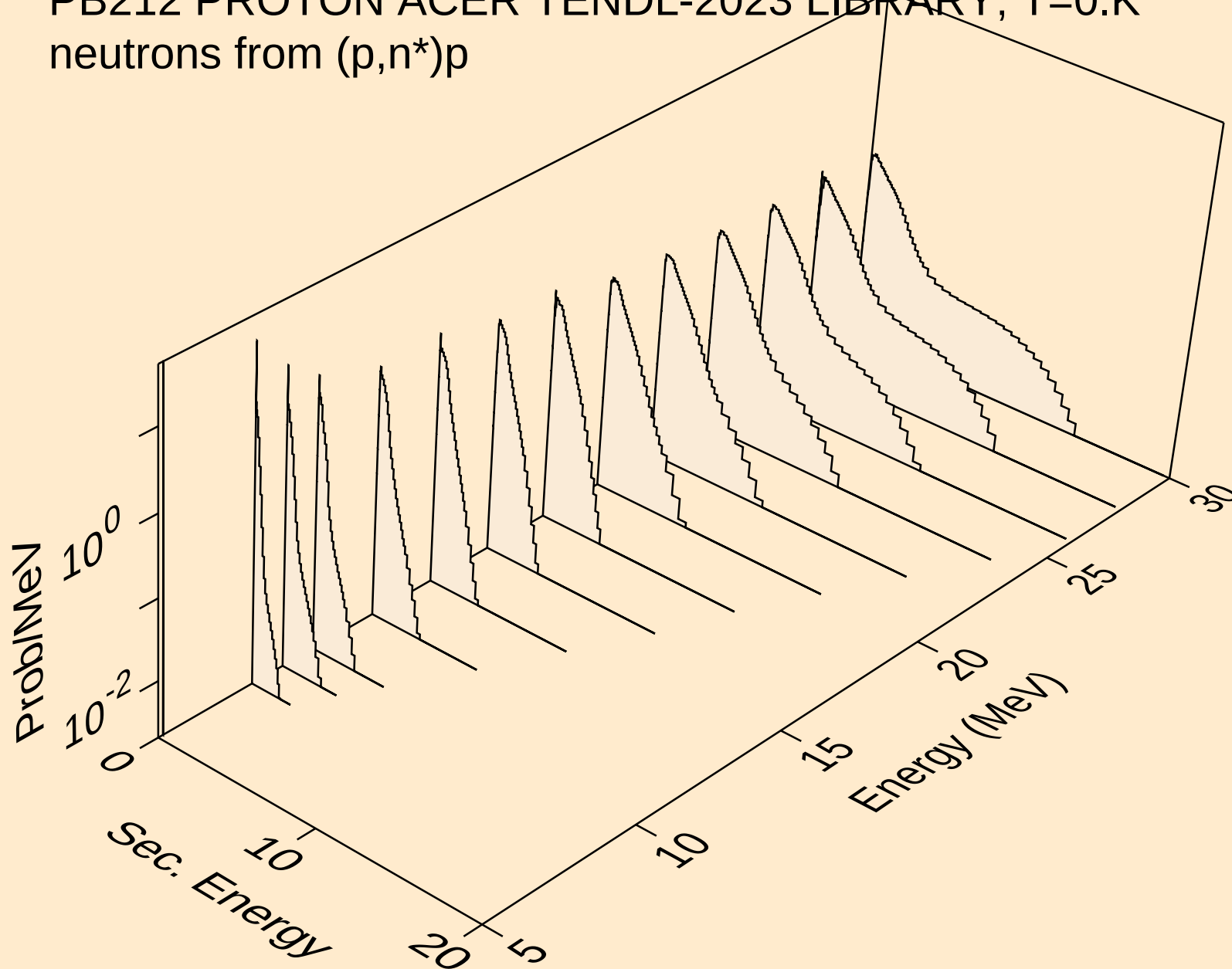
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



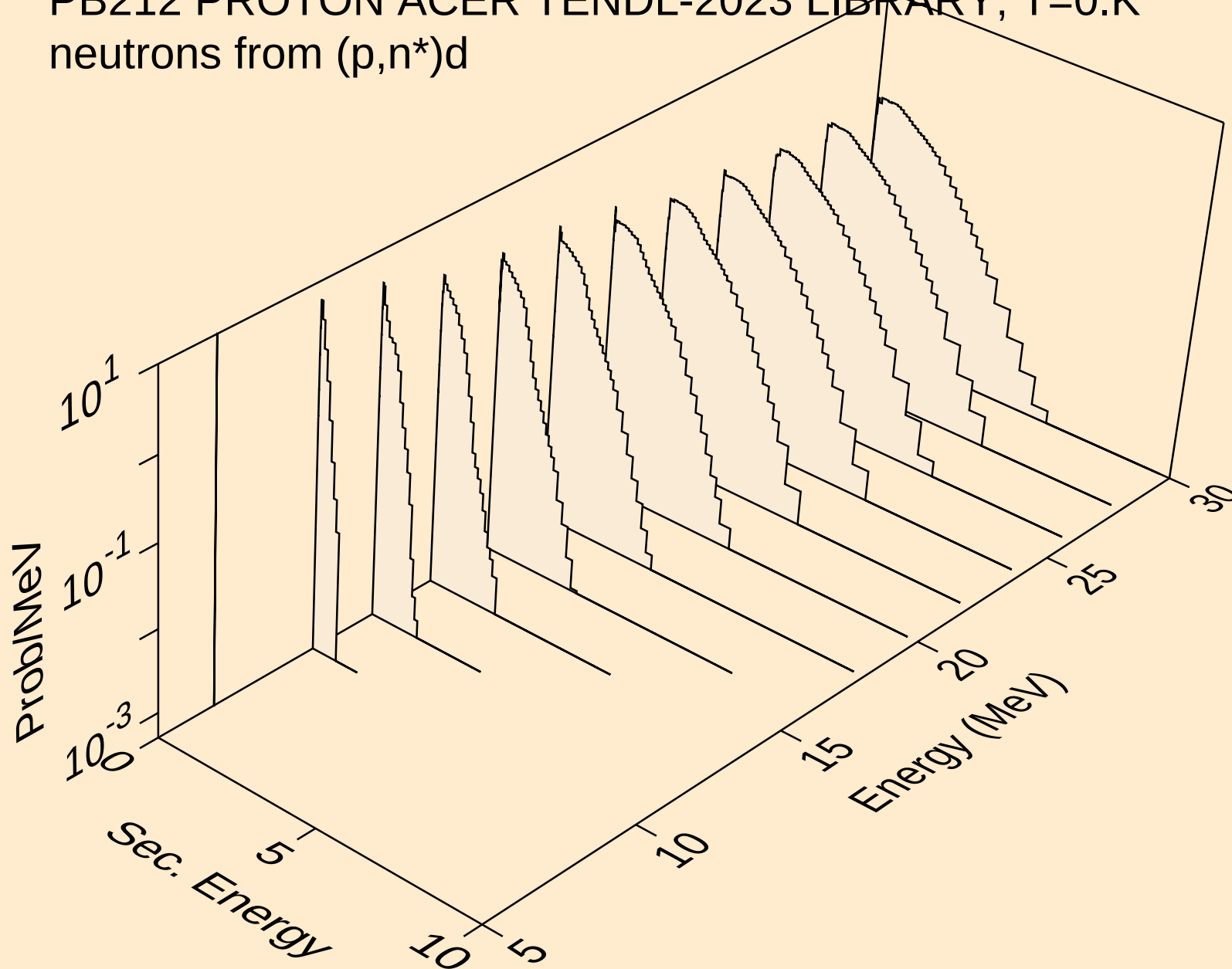
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)a



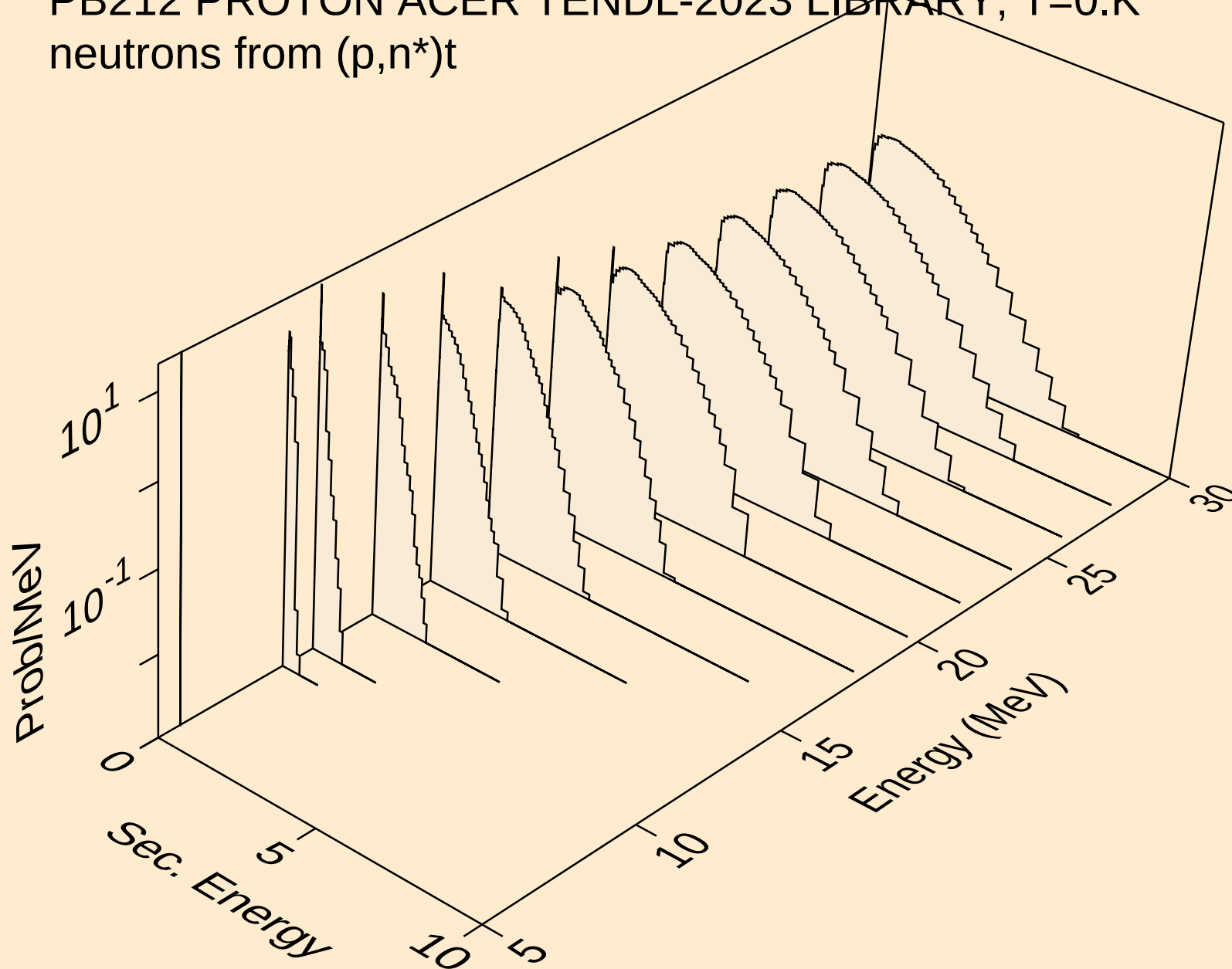
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)p$



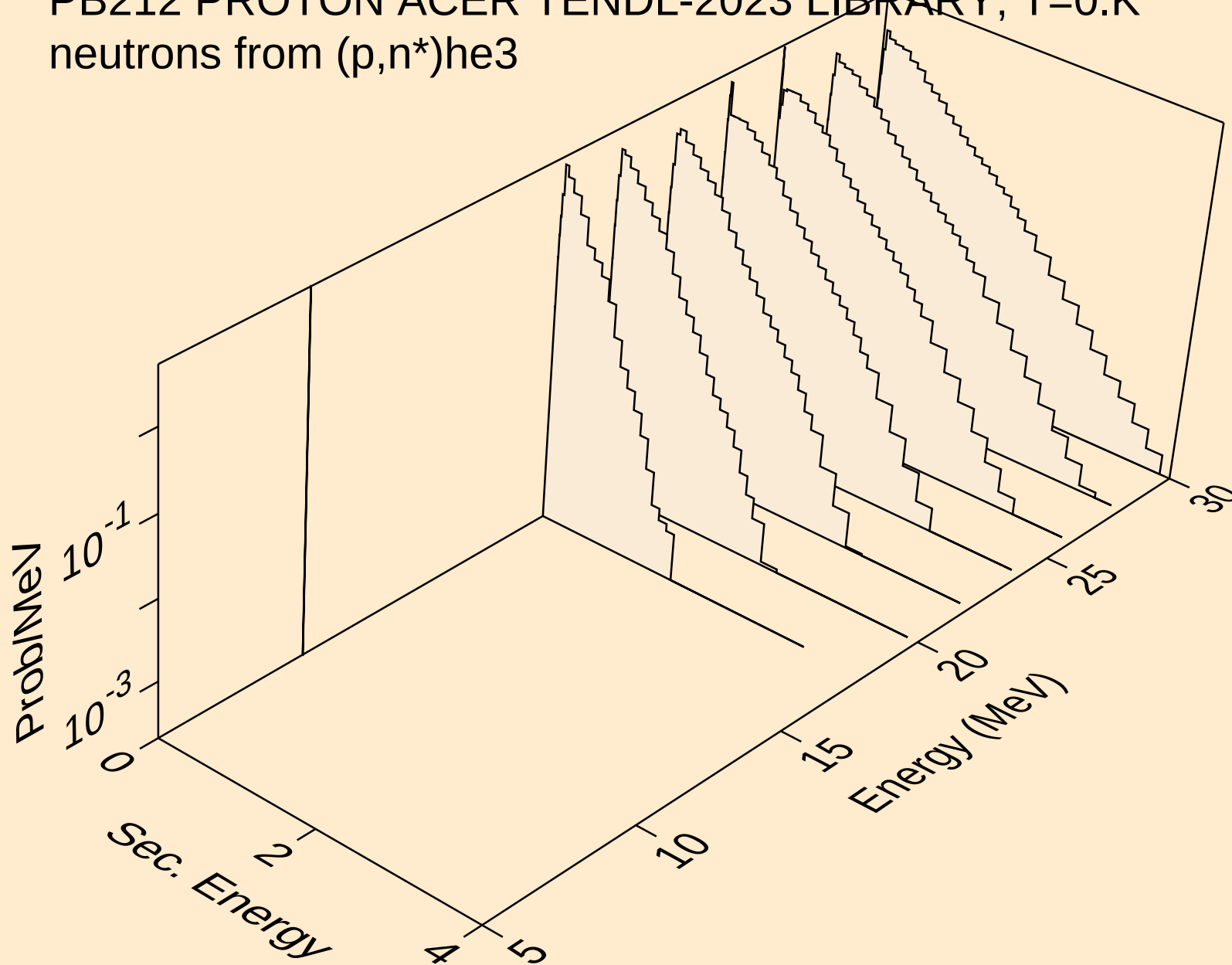
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)d$



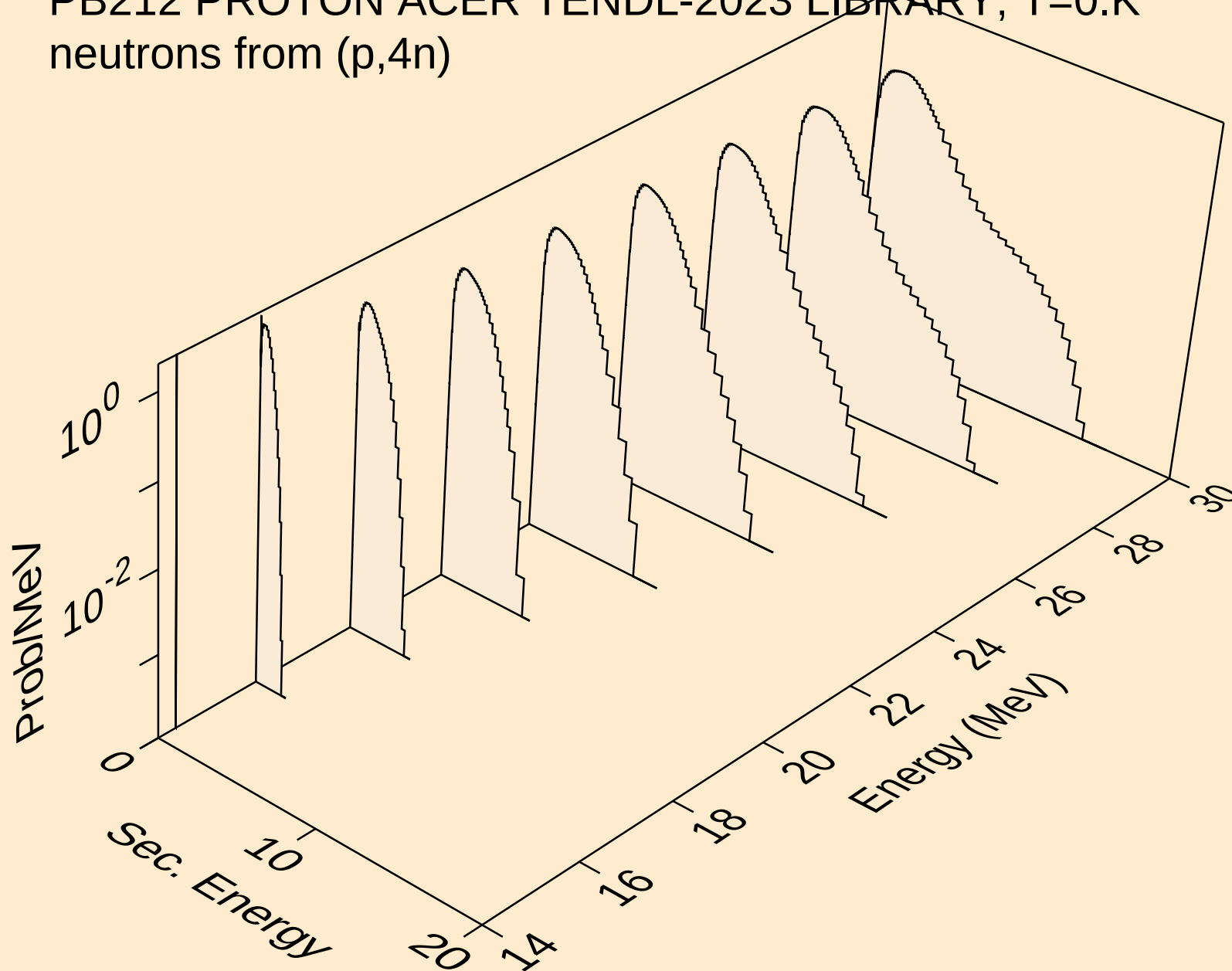
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)t$



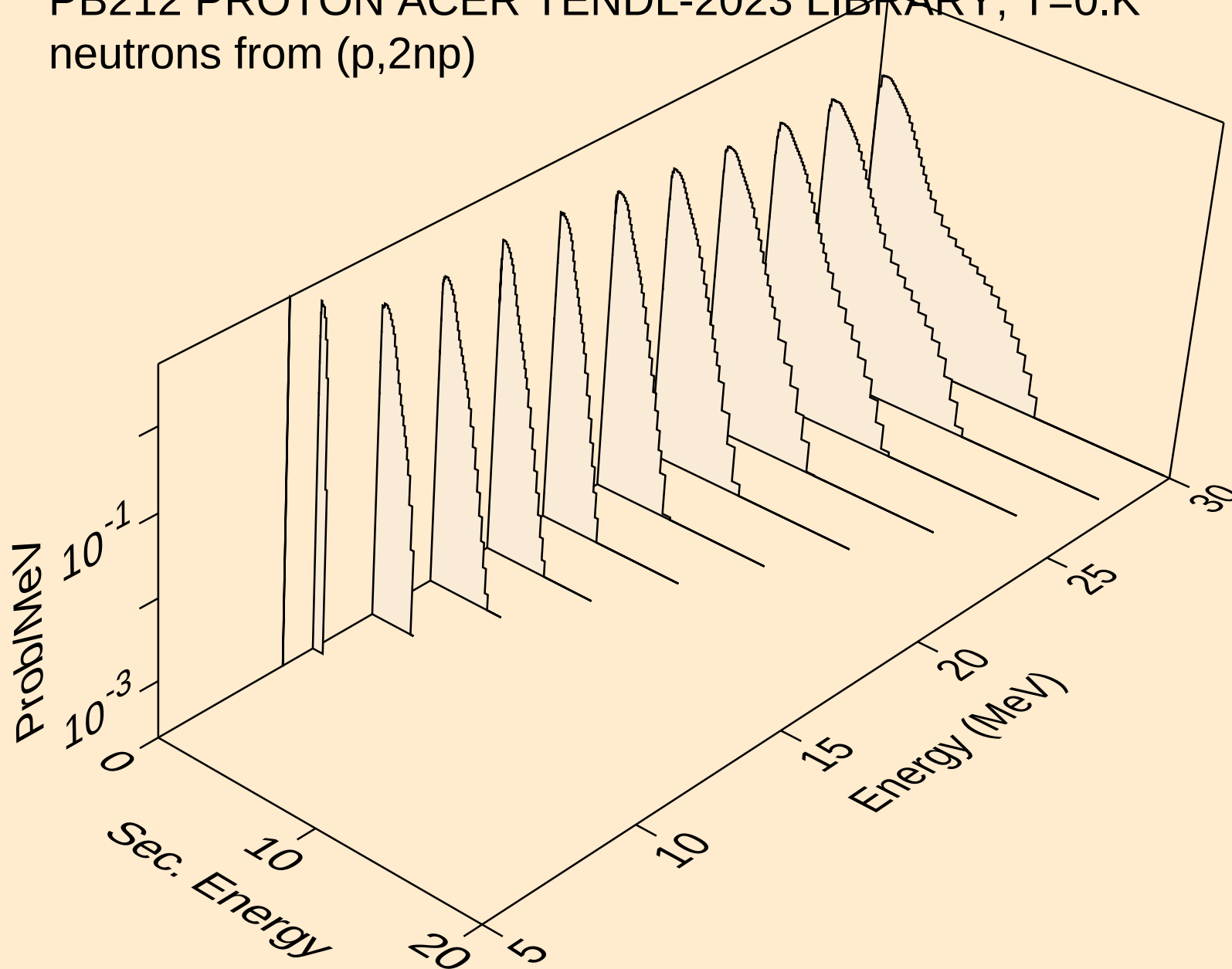
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)\text{he3}$



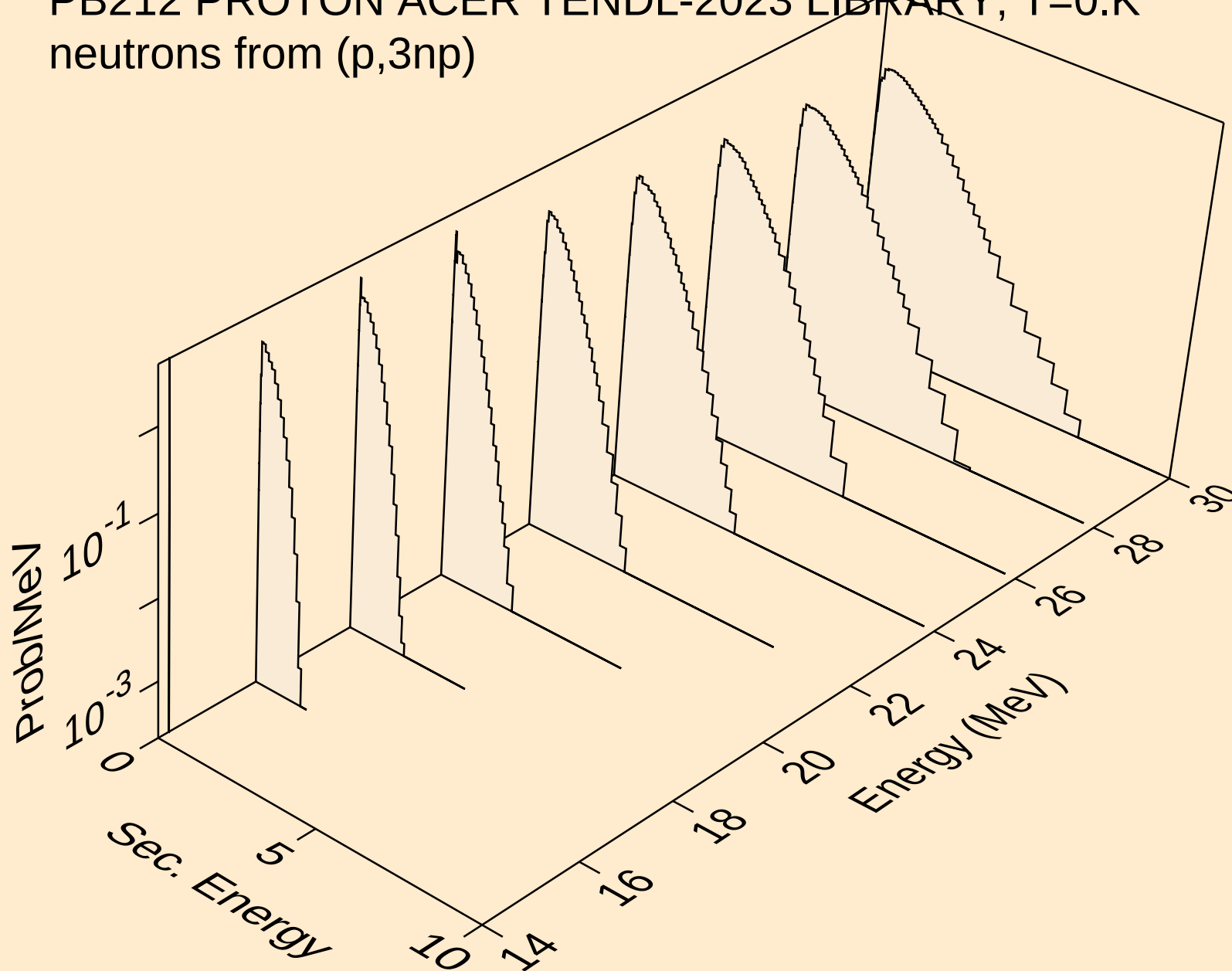
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,4n)



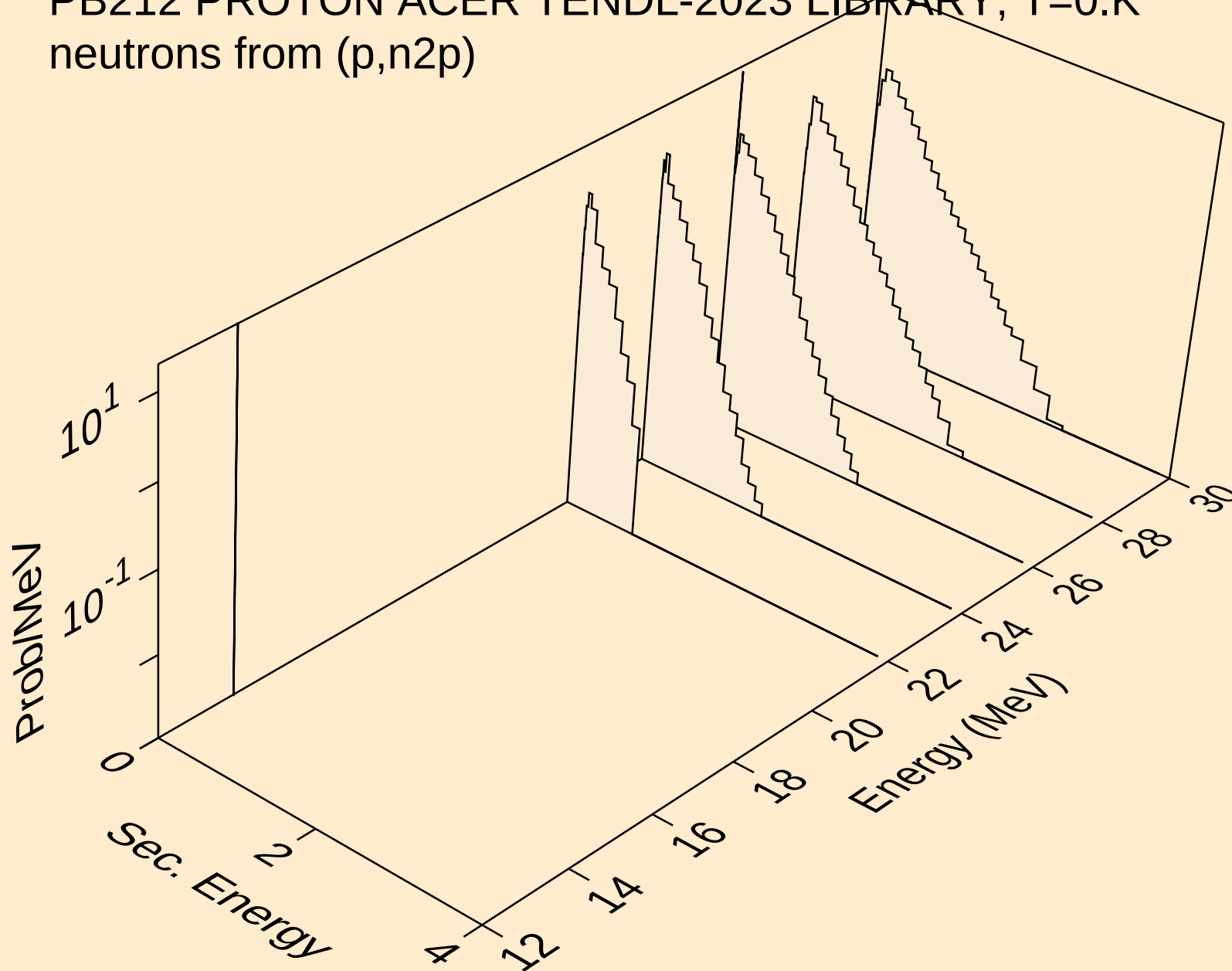
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from (p,2np)



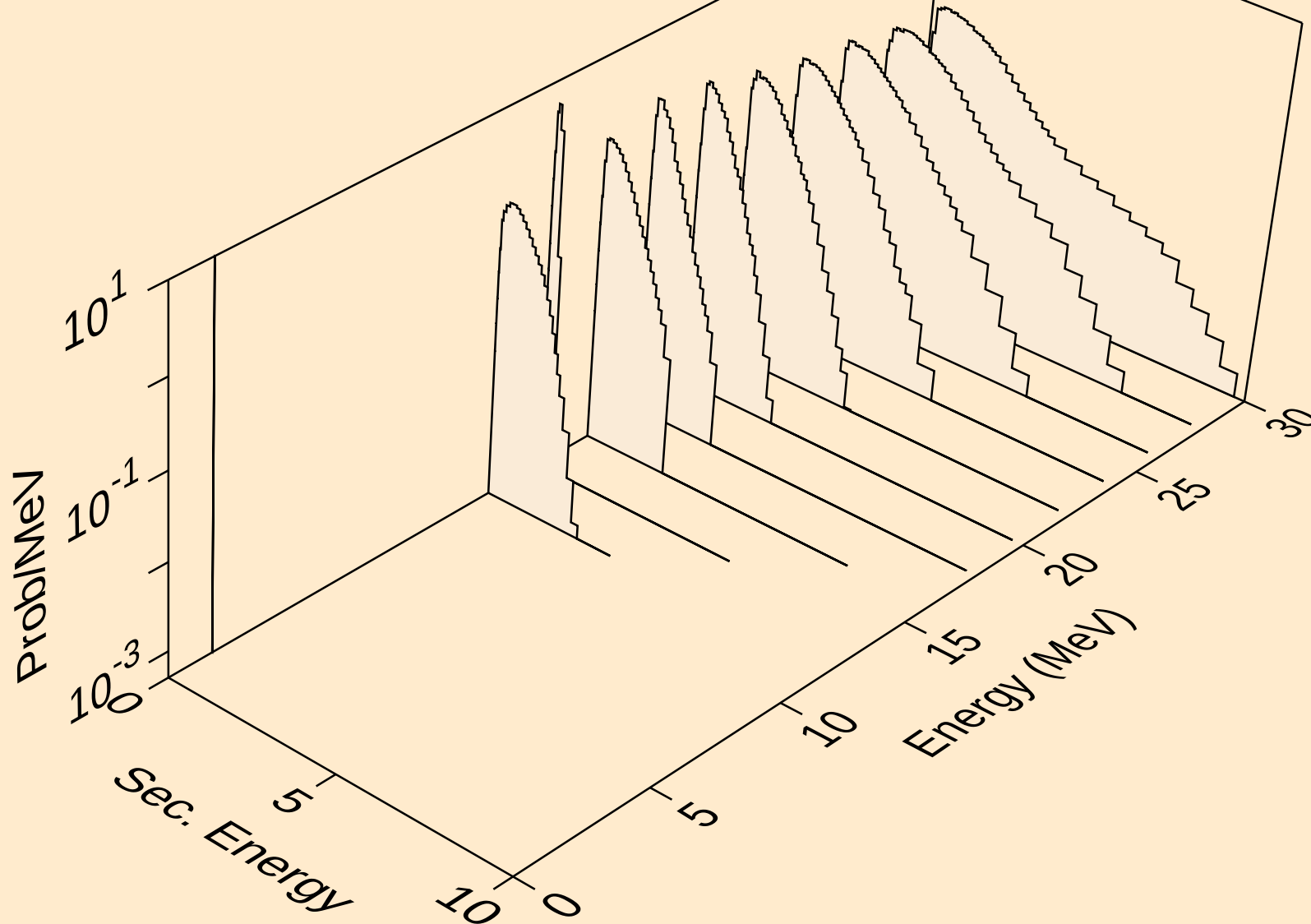
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3np)



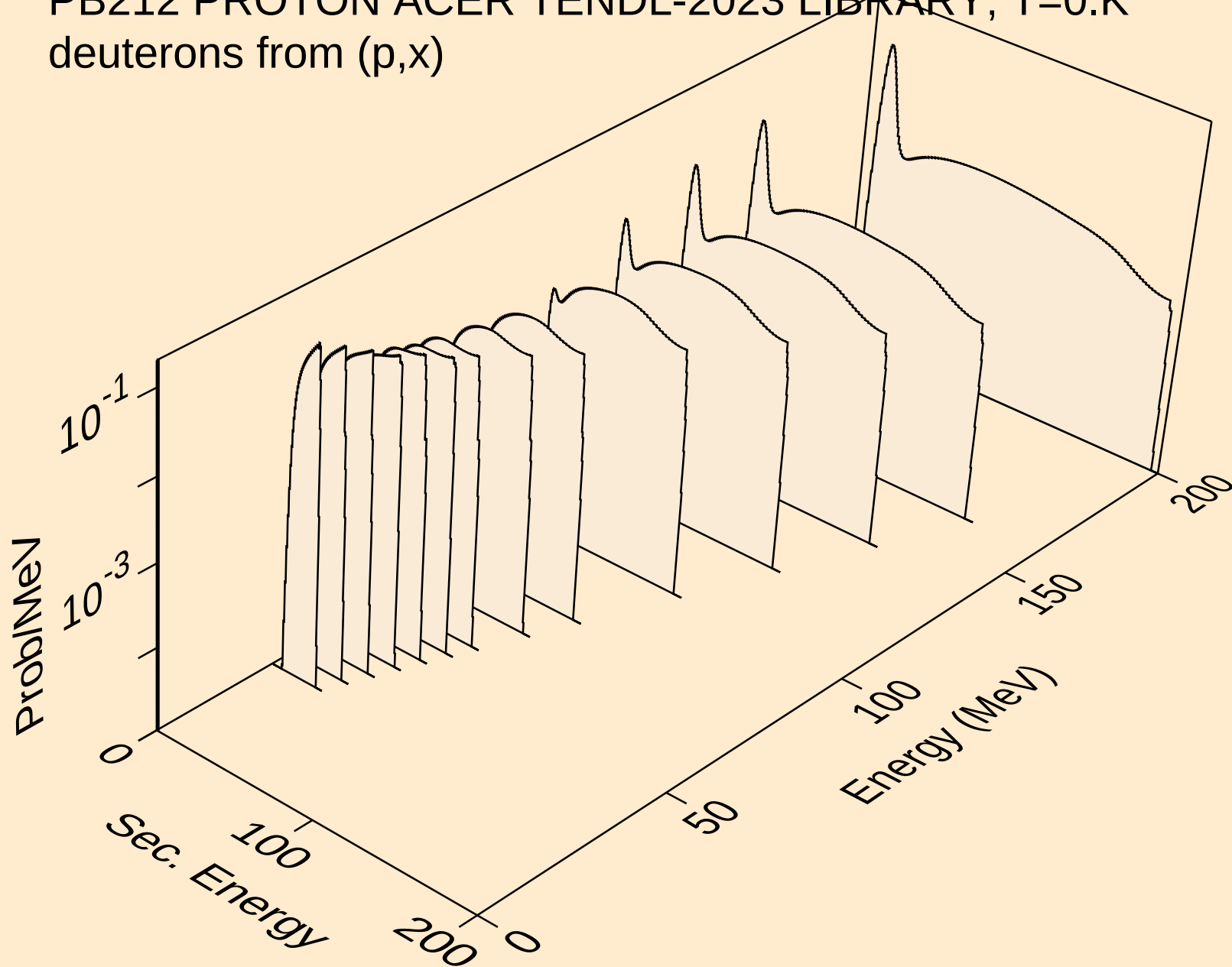
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n2p)



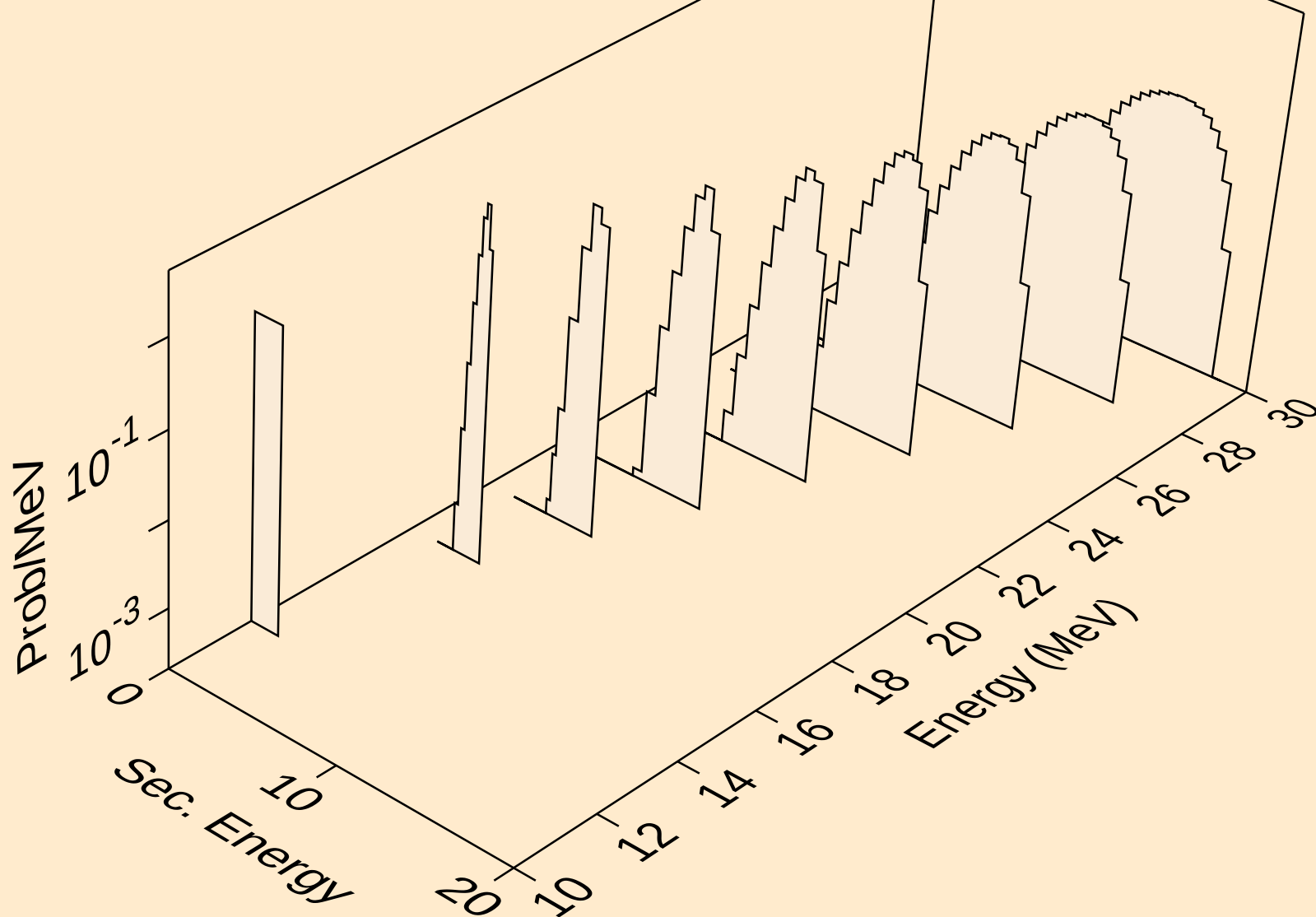
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,npa)



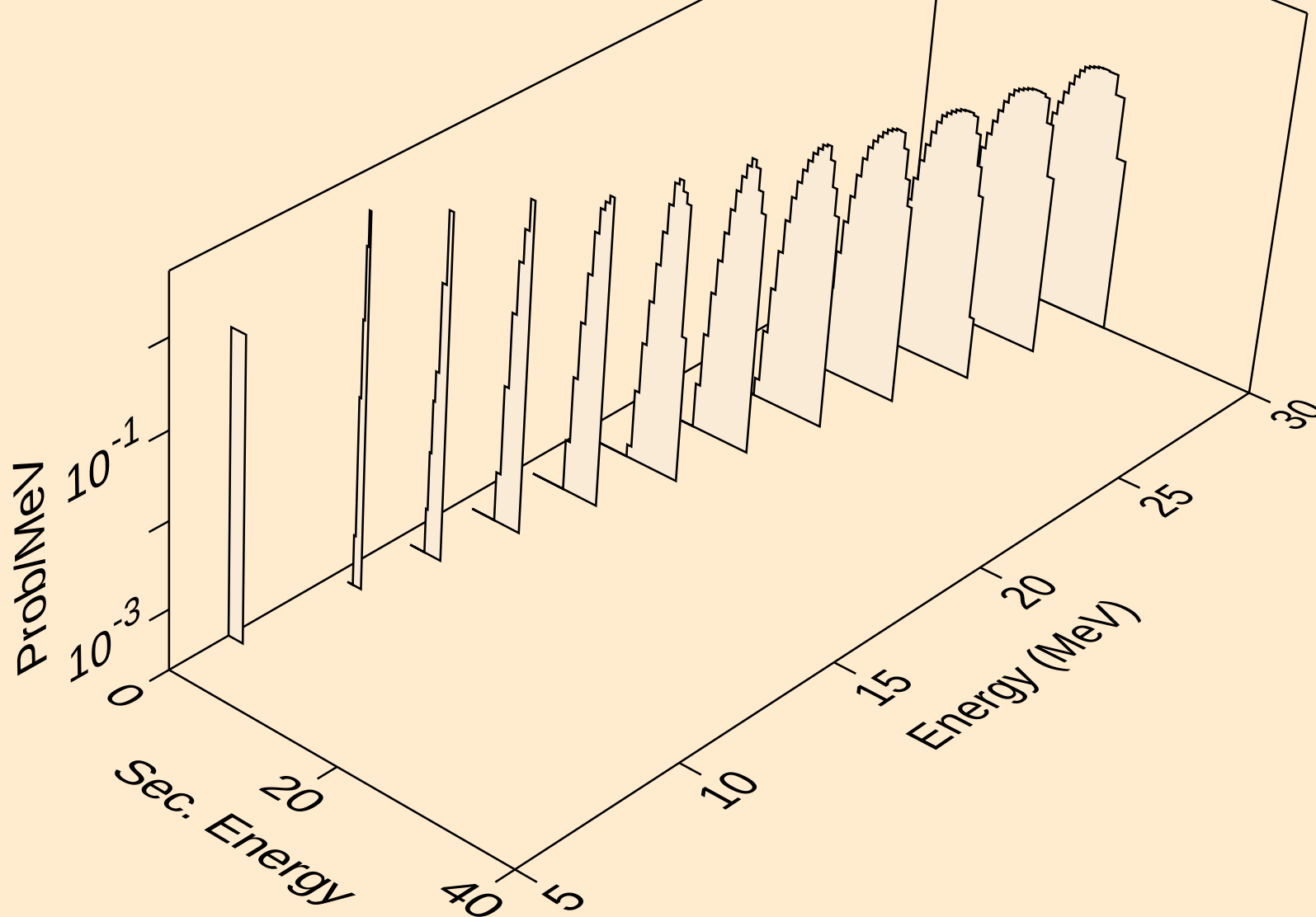
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



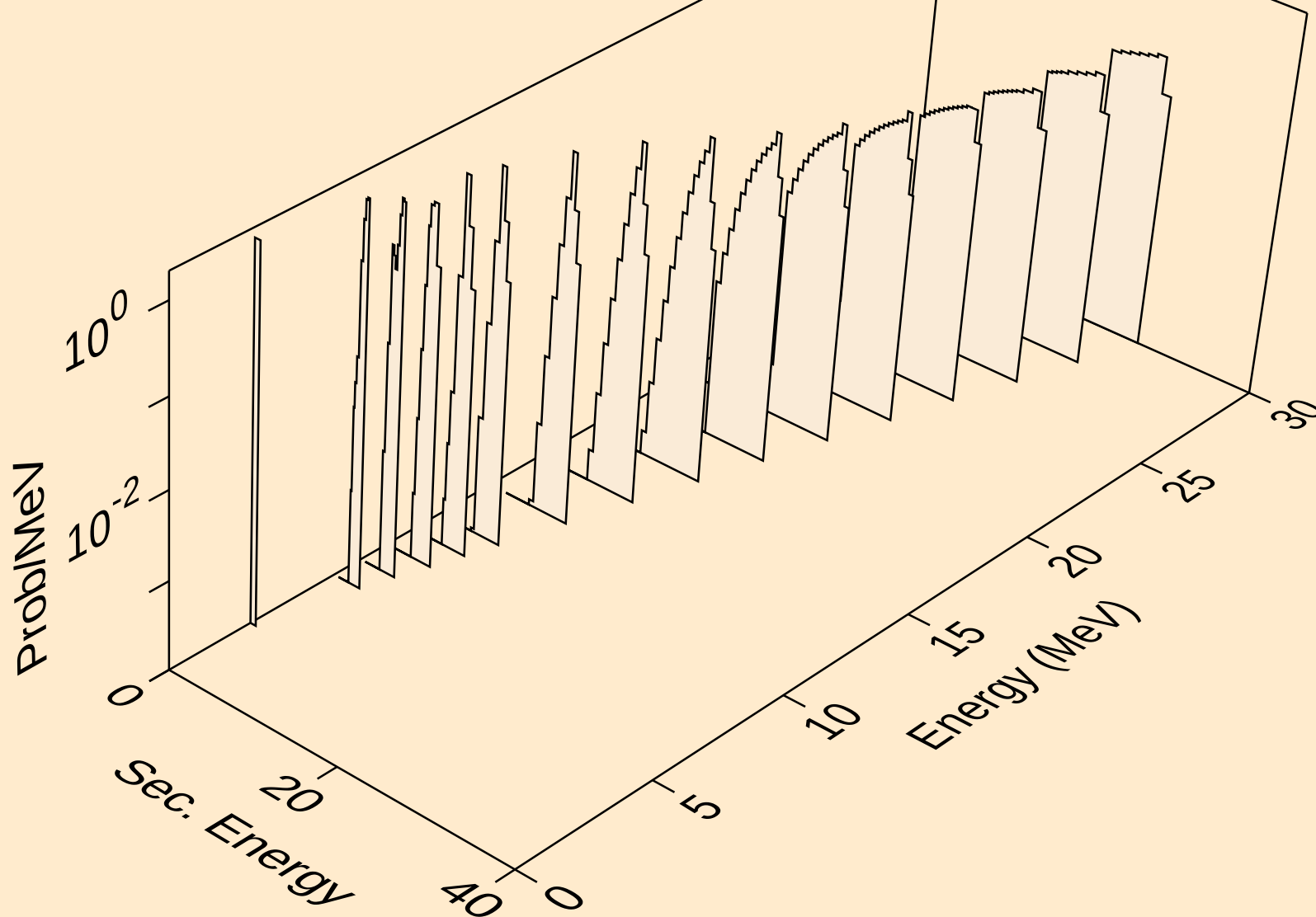
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,2nd)



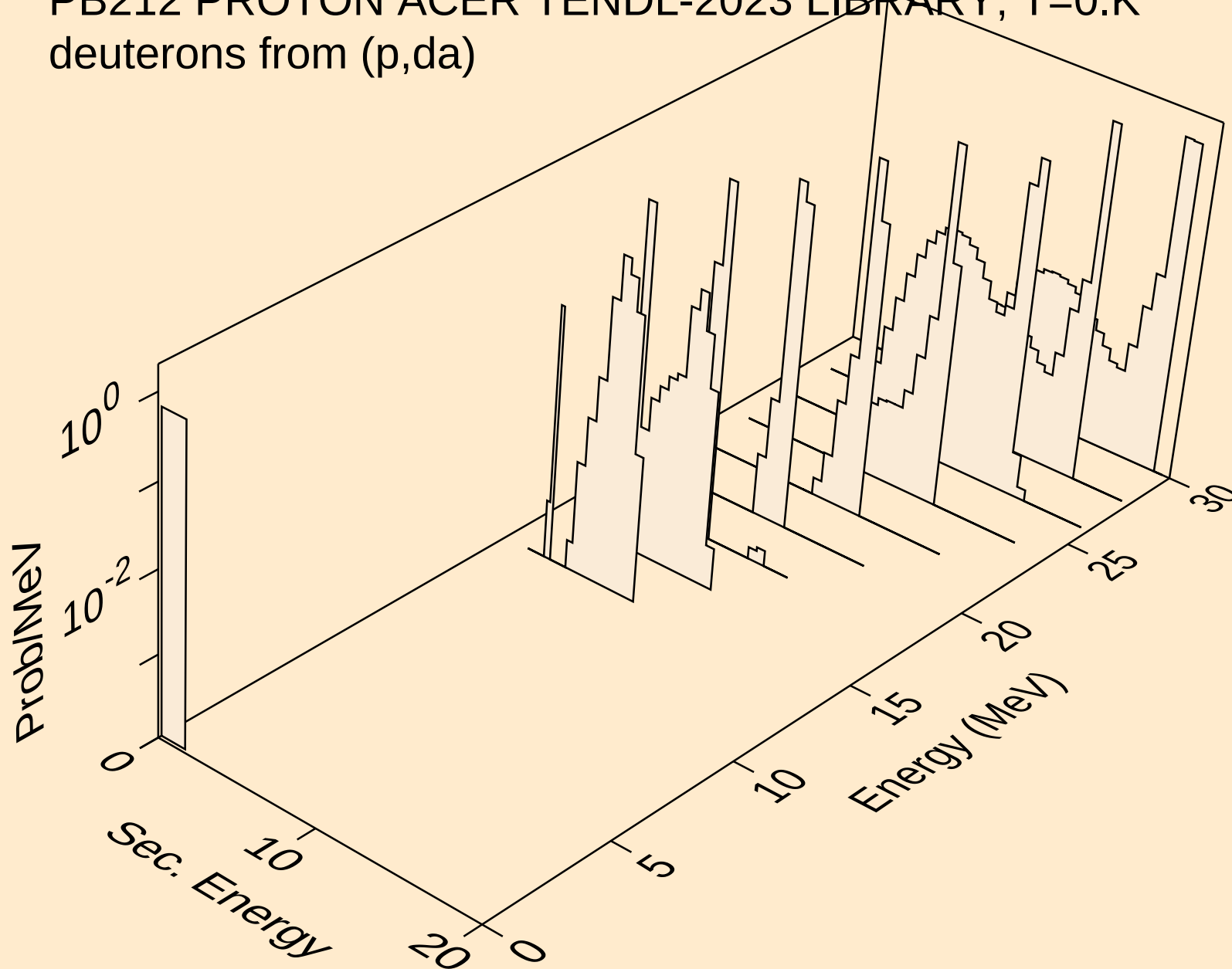
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
deuterons from $(p,n^*)d$



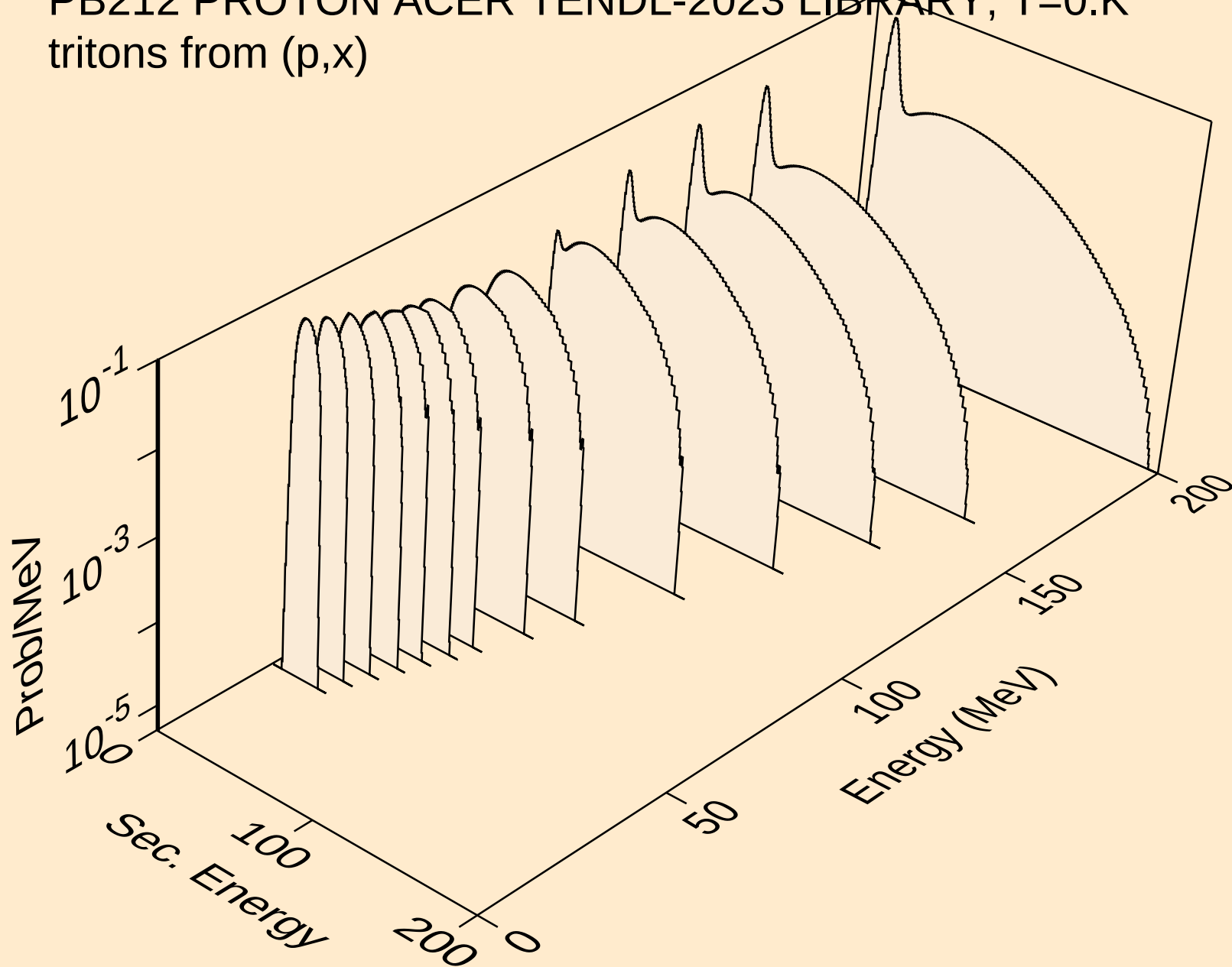
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,d)



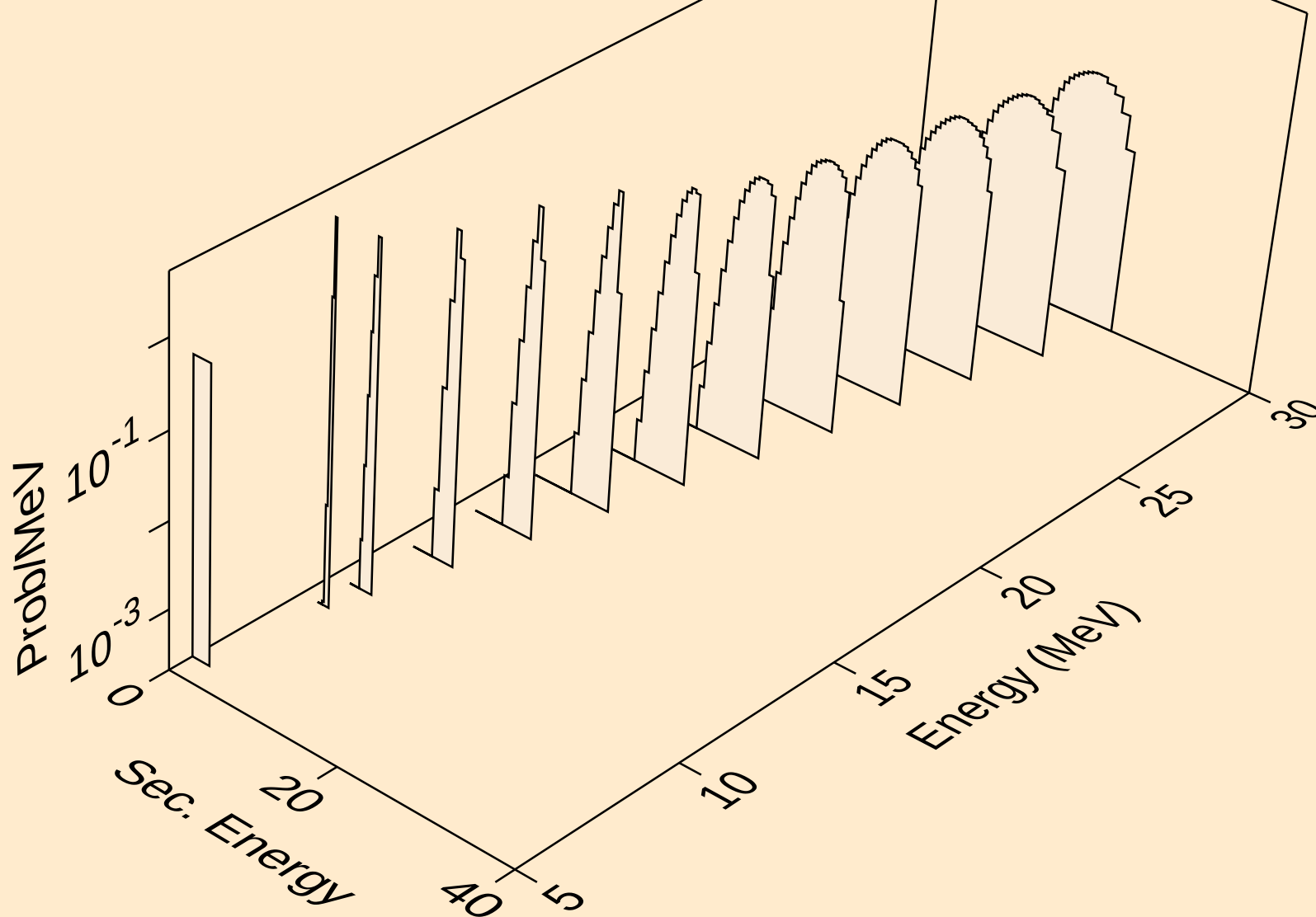
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,da)



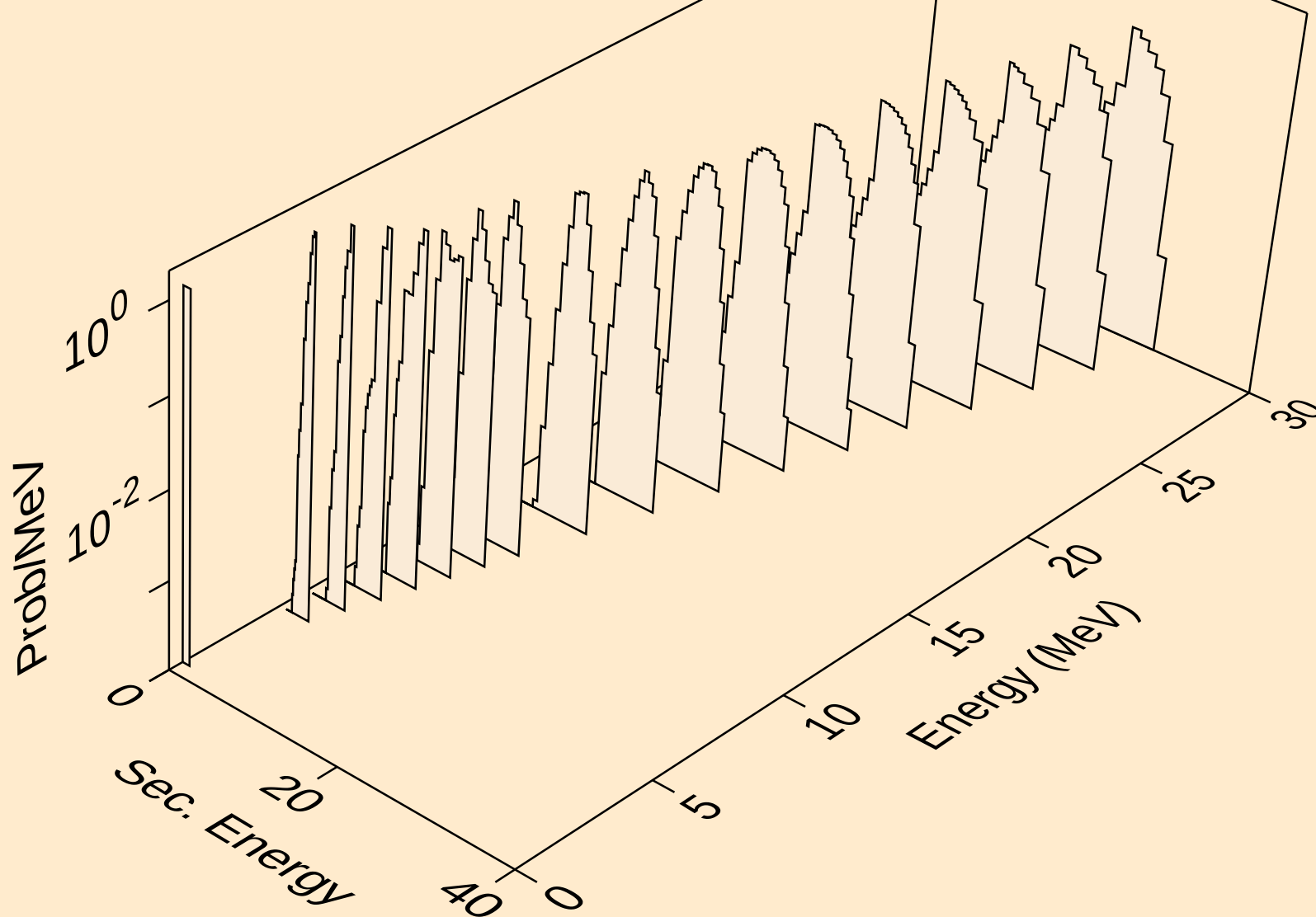
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



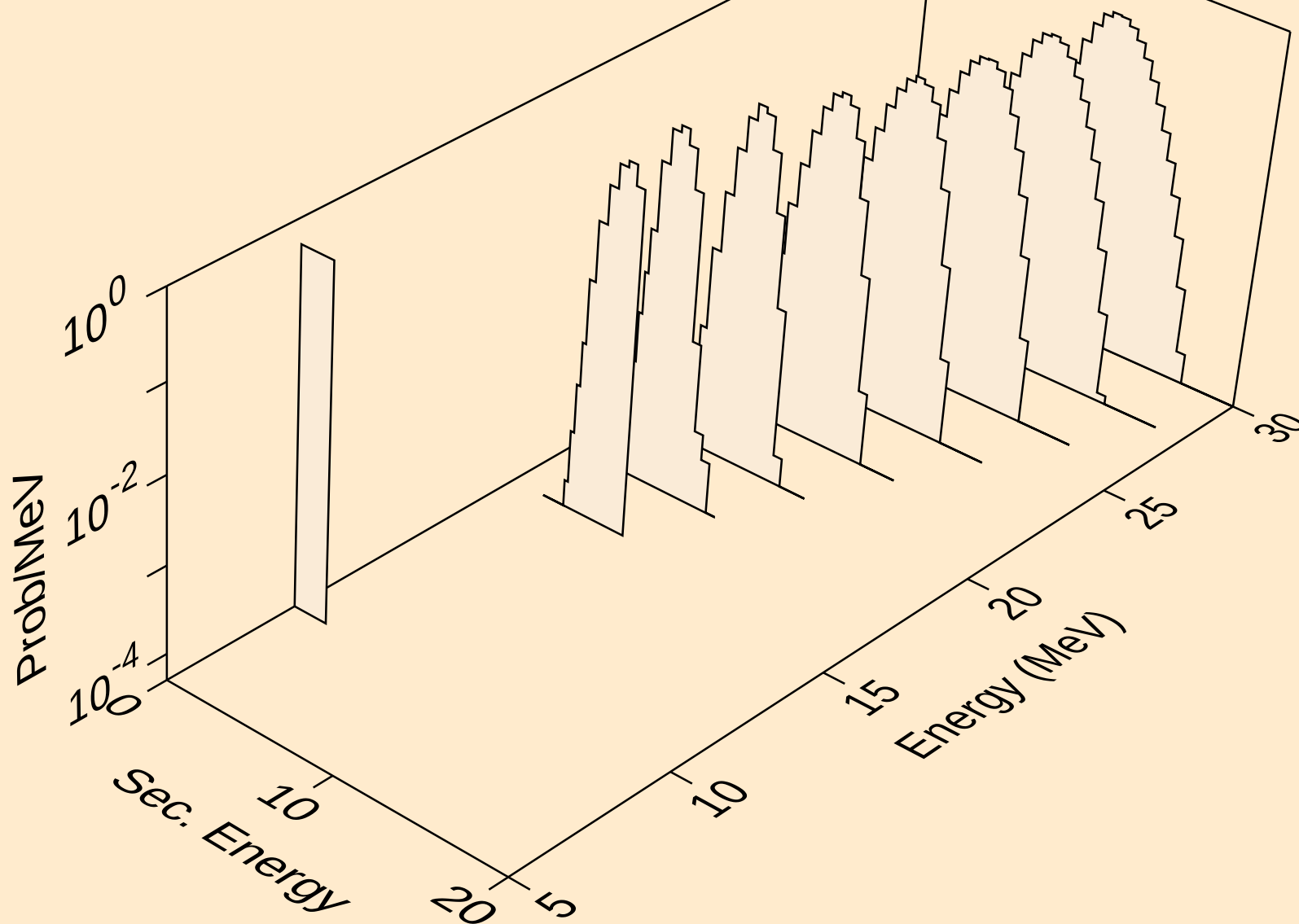
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
tritons from $(p,n^*)t$



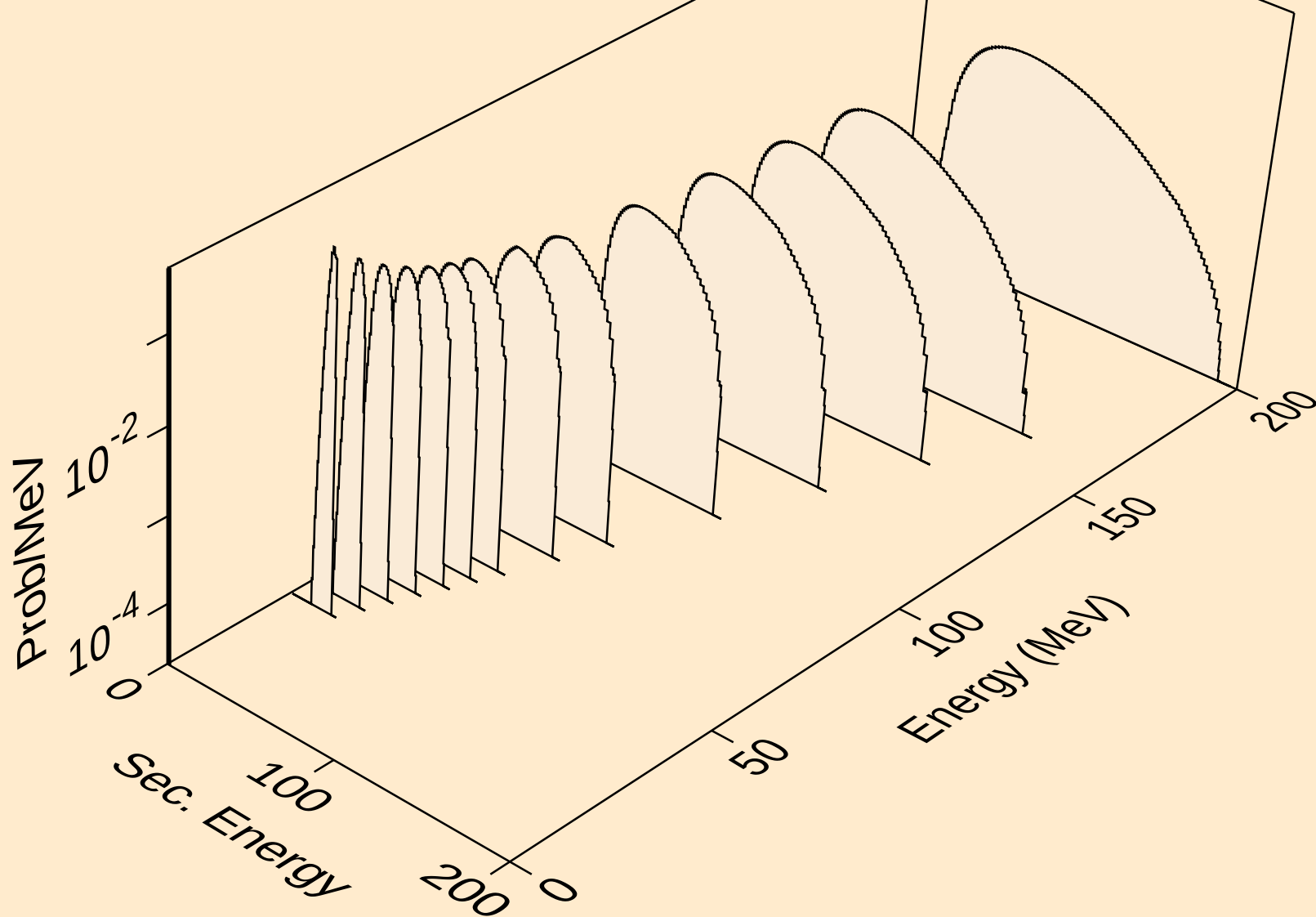
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



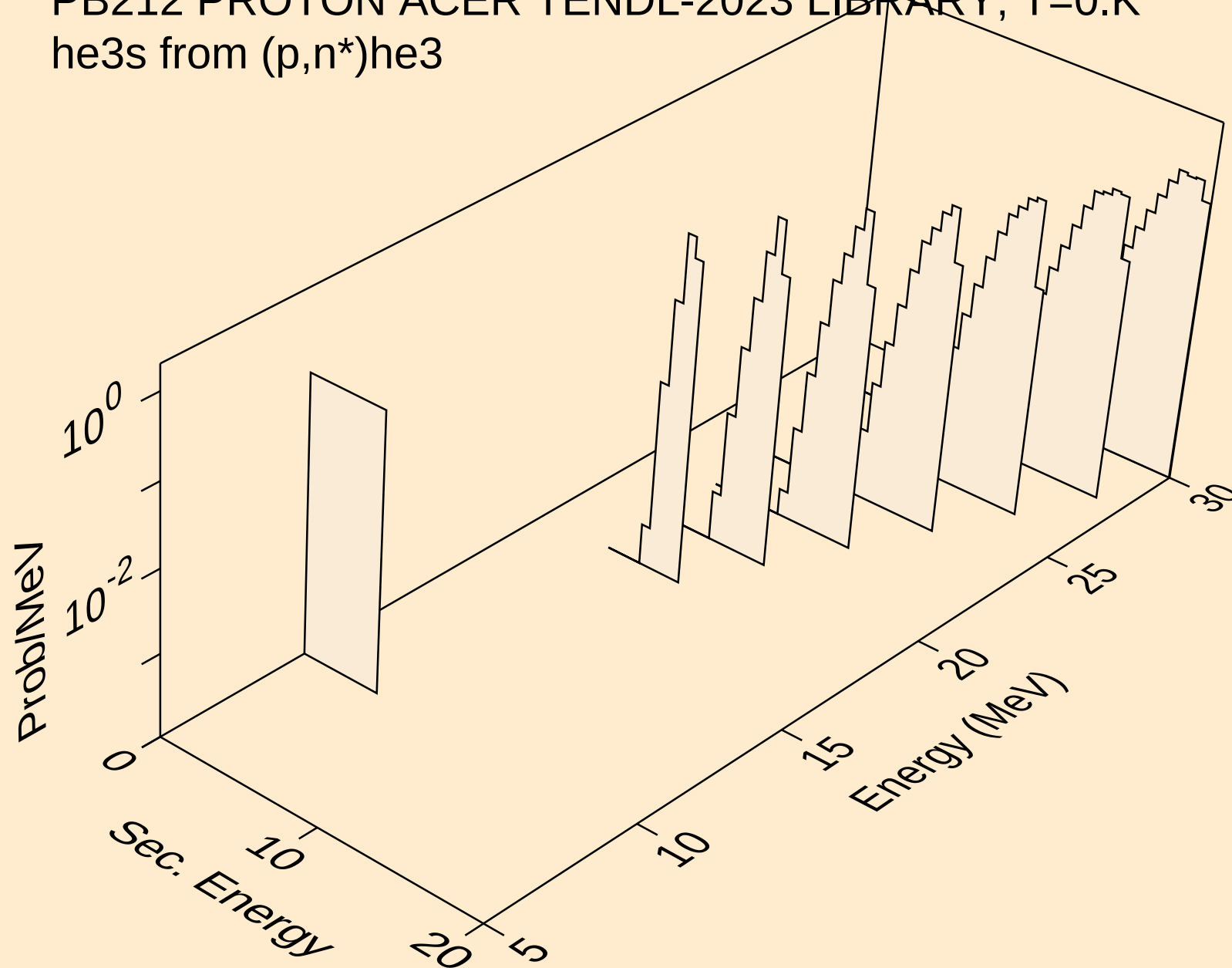
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,pt)



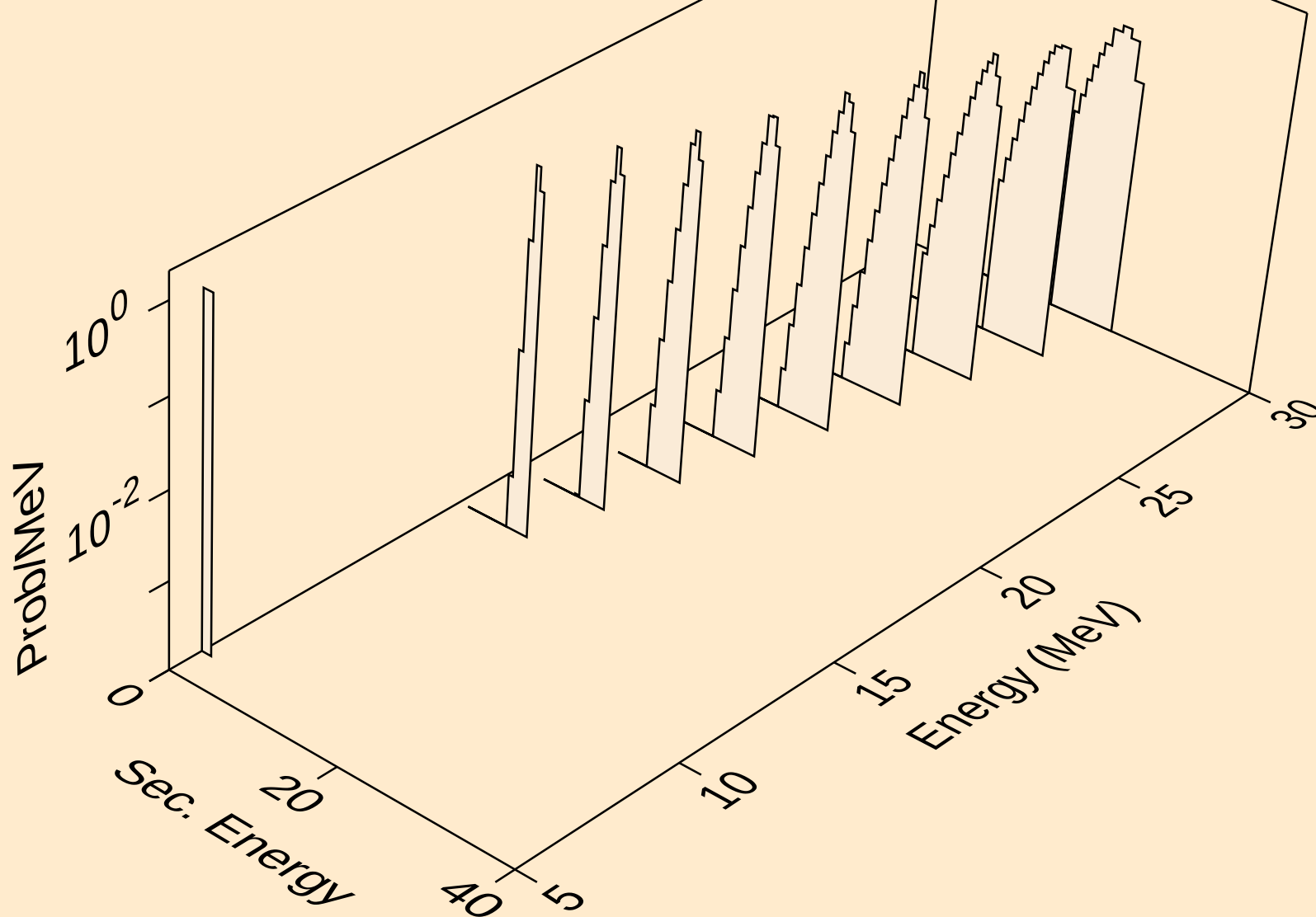
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



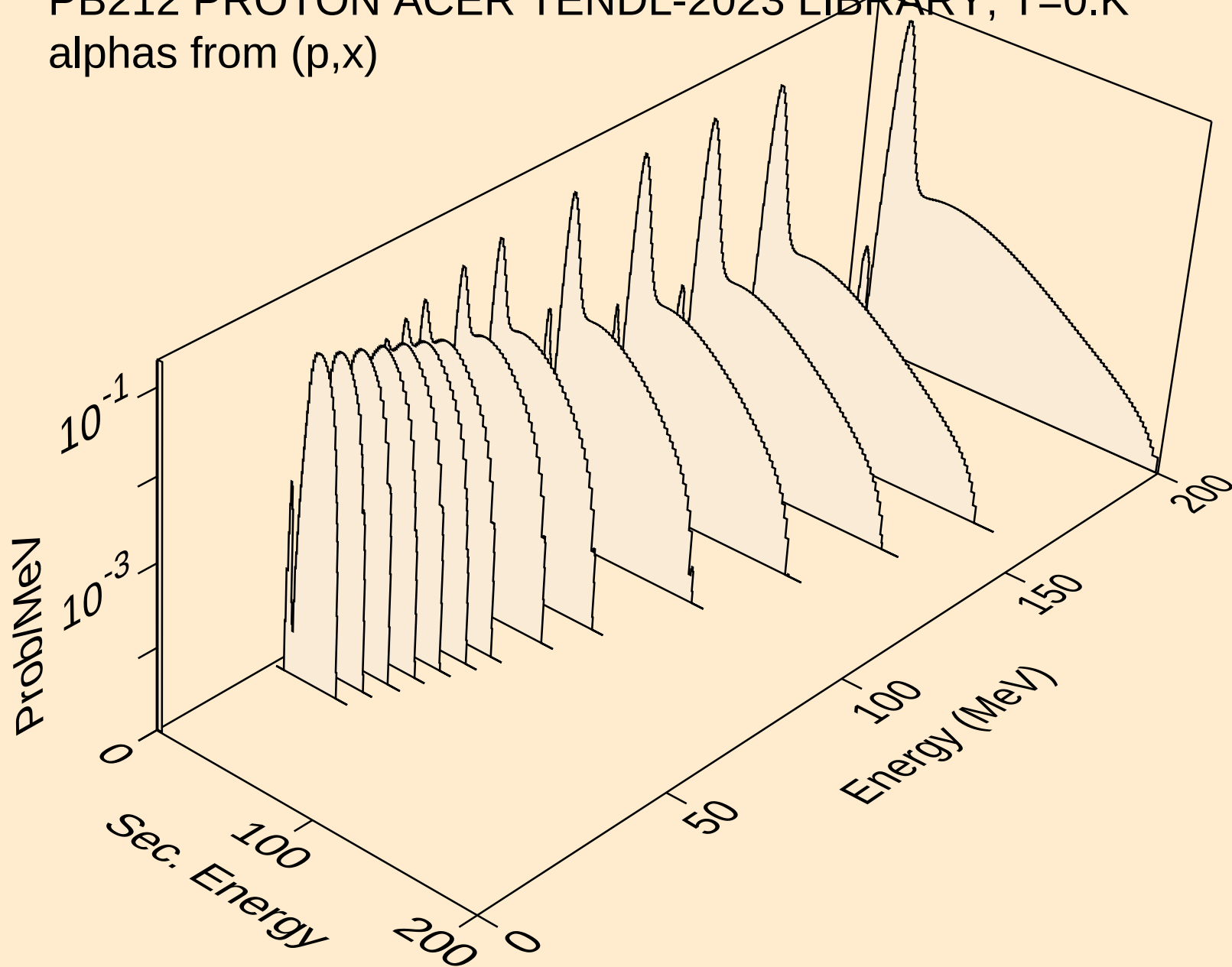
PB212 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
he3s from (p,n*)he3



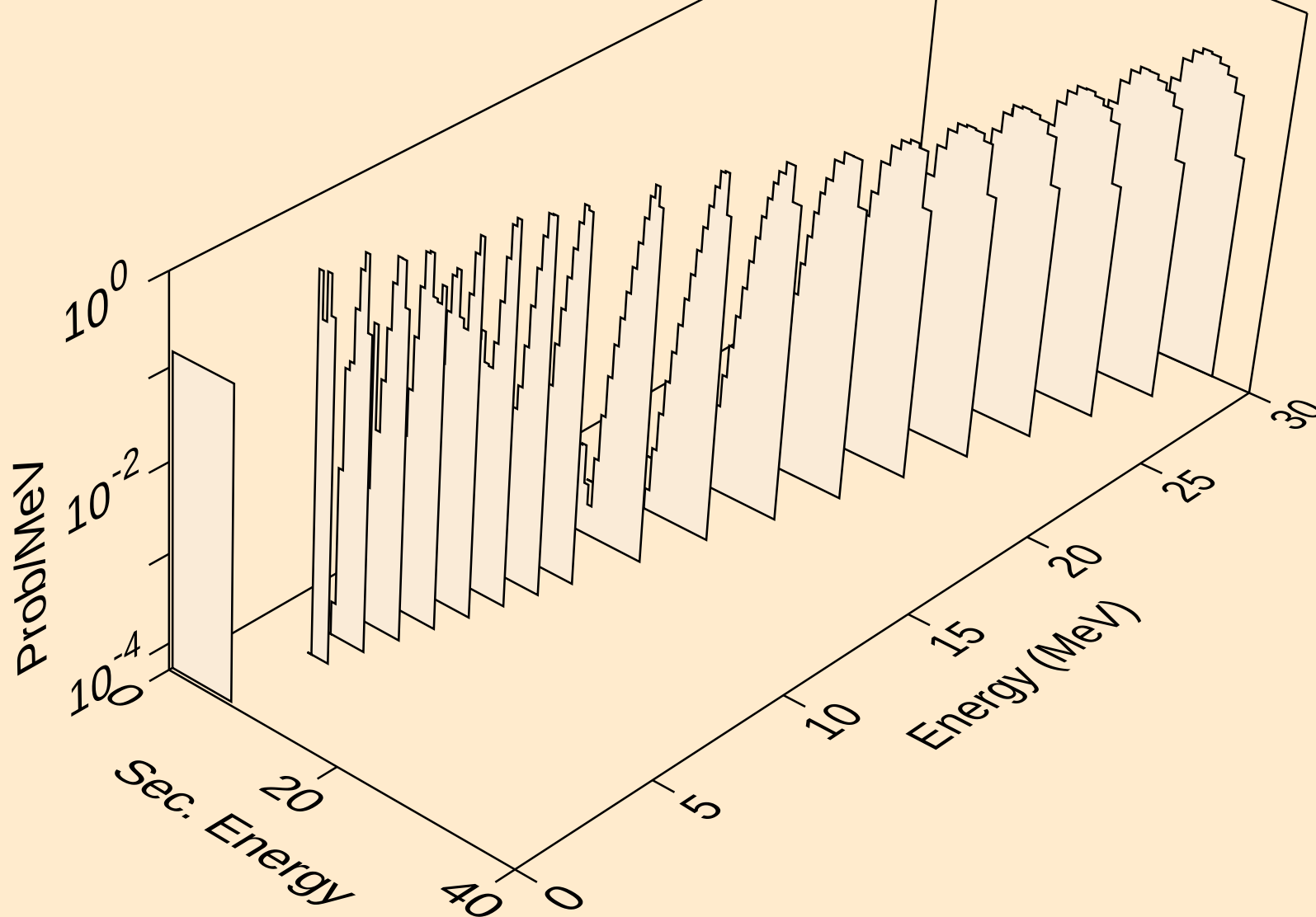
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



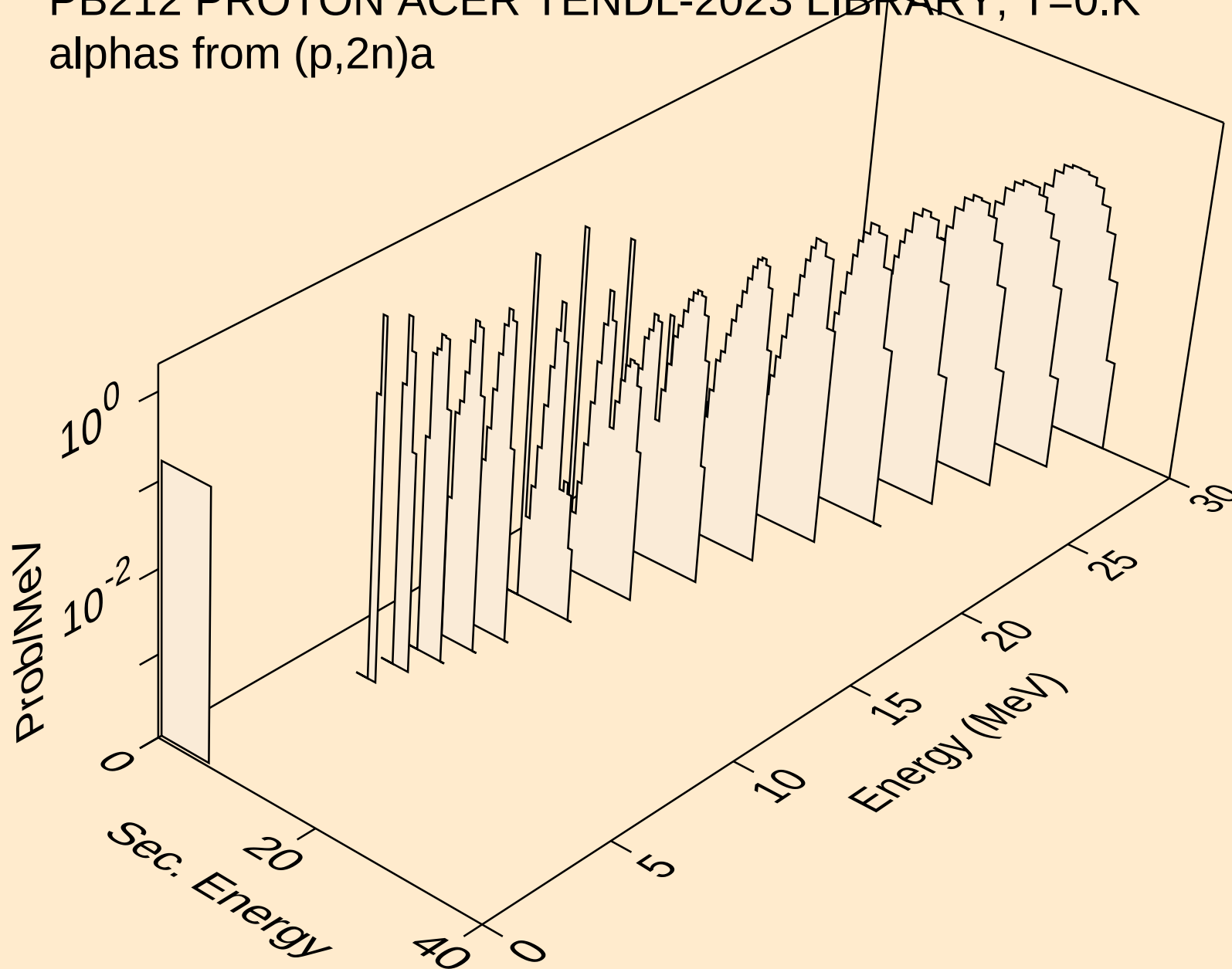
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



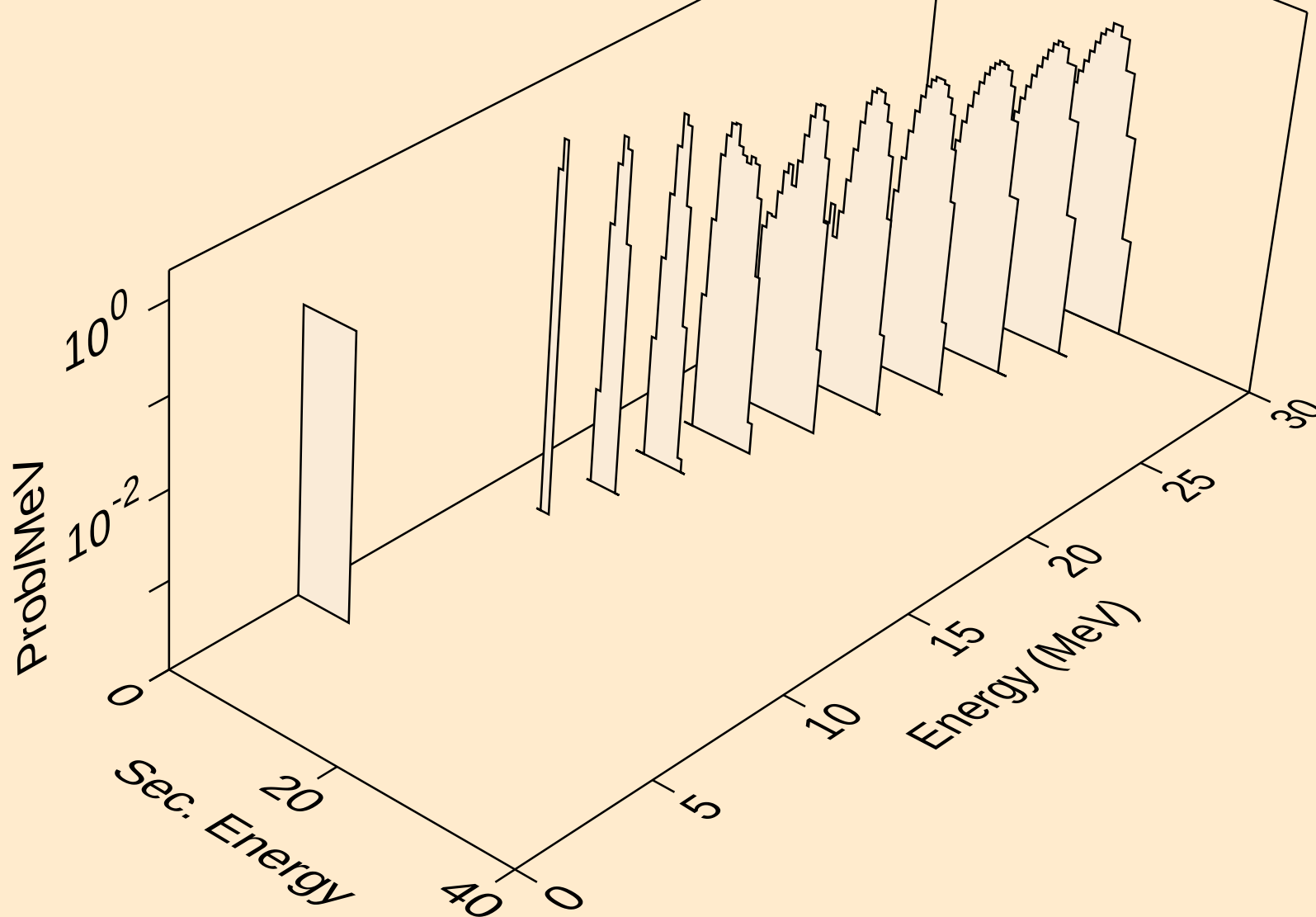
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



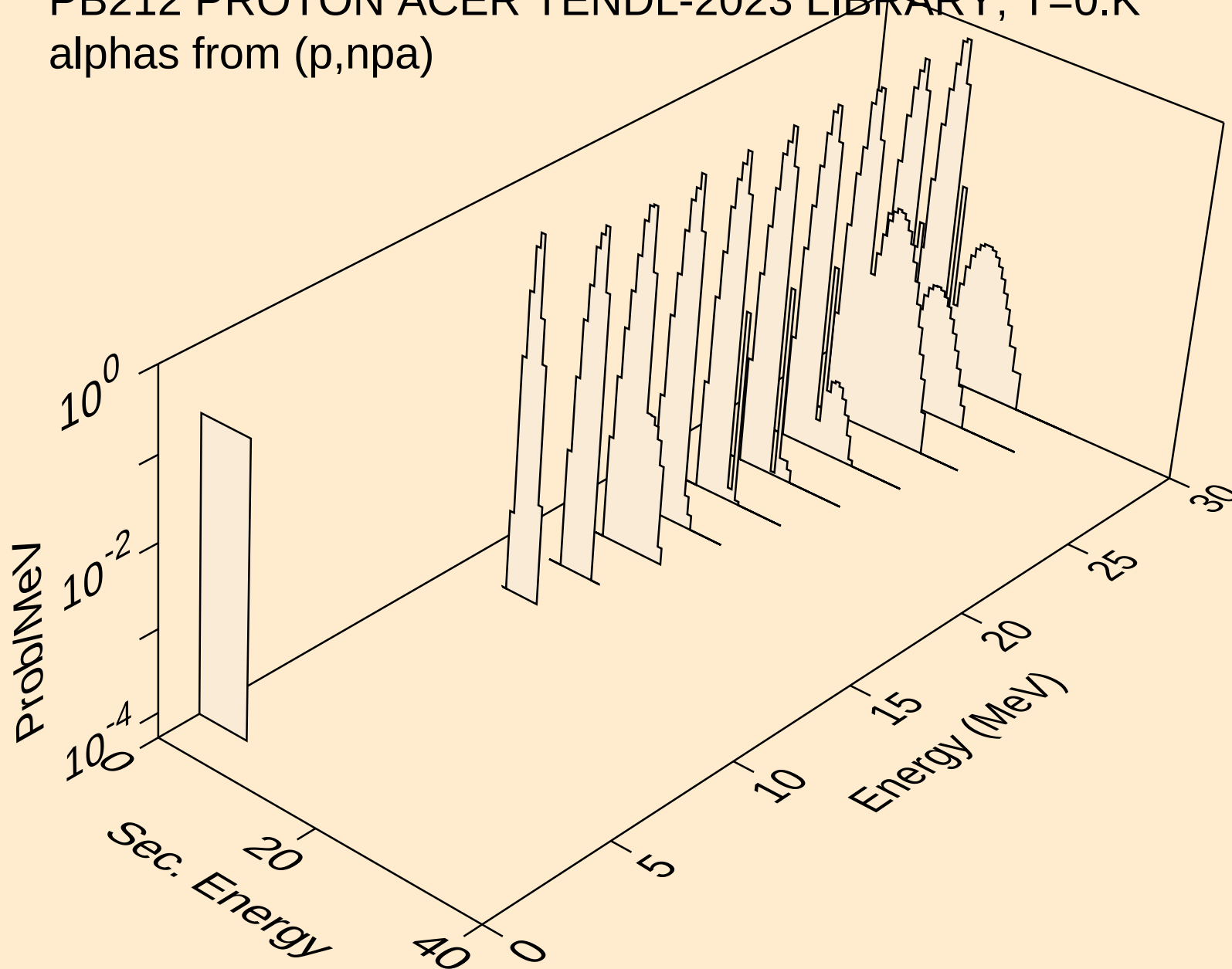
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



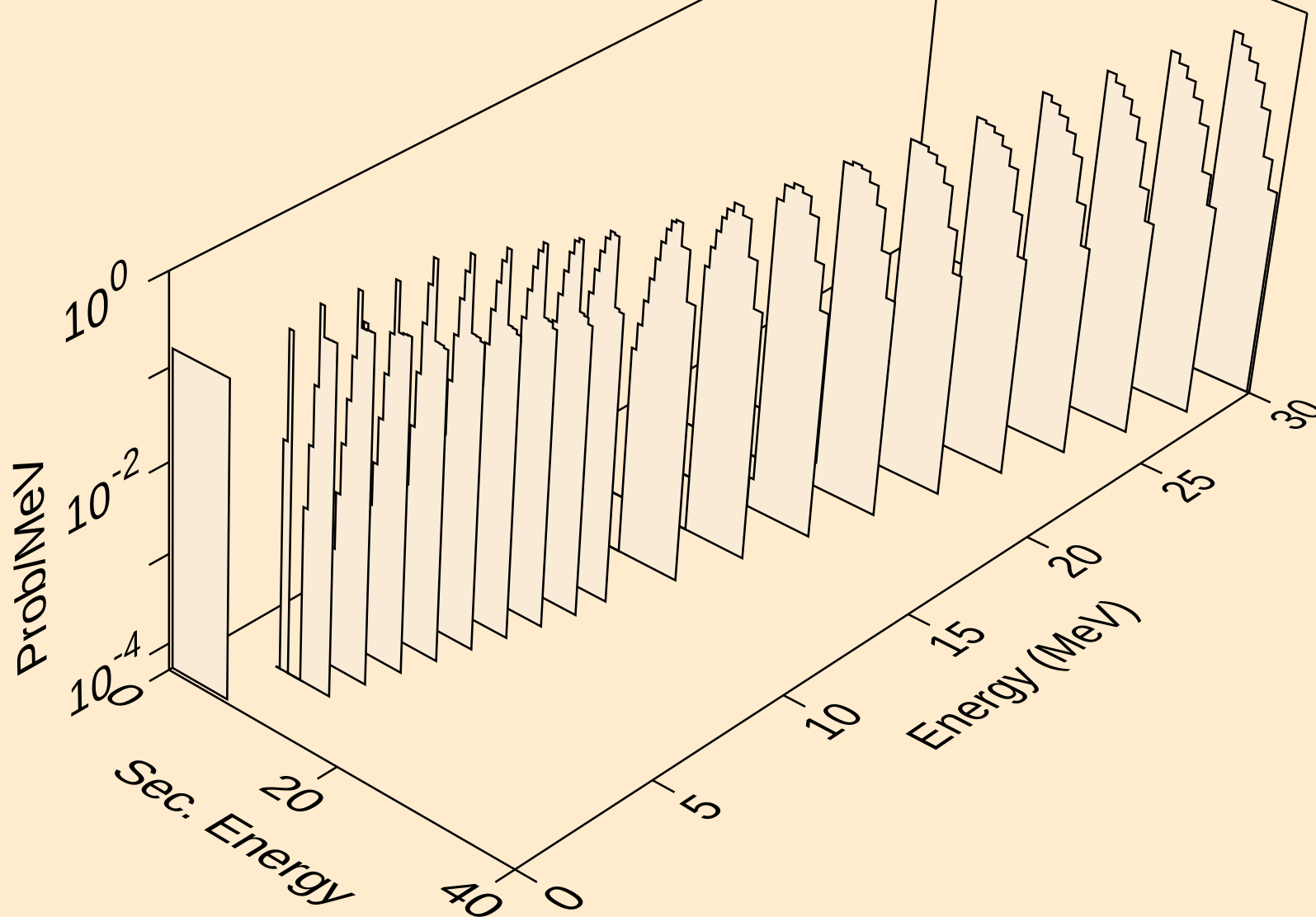
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



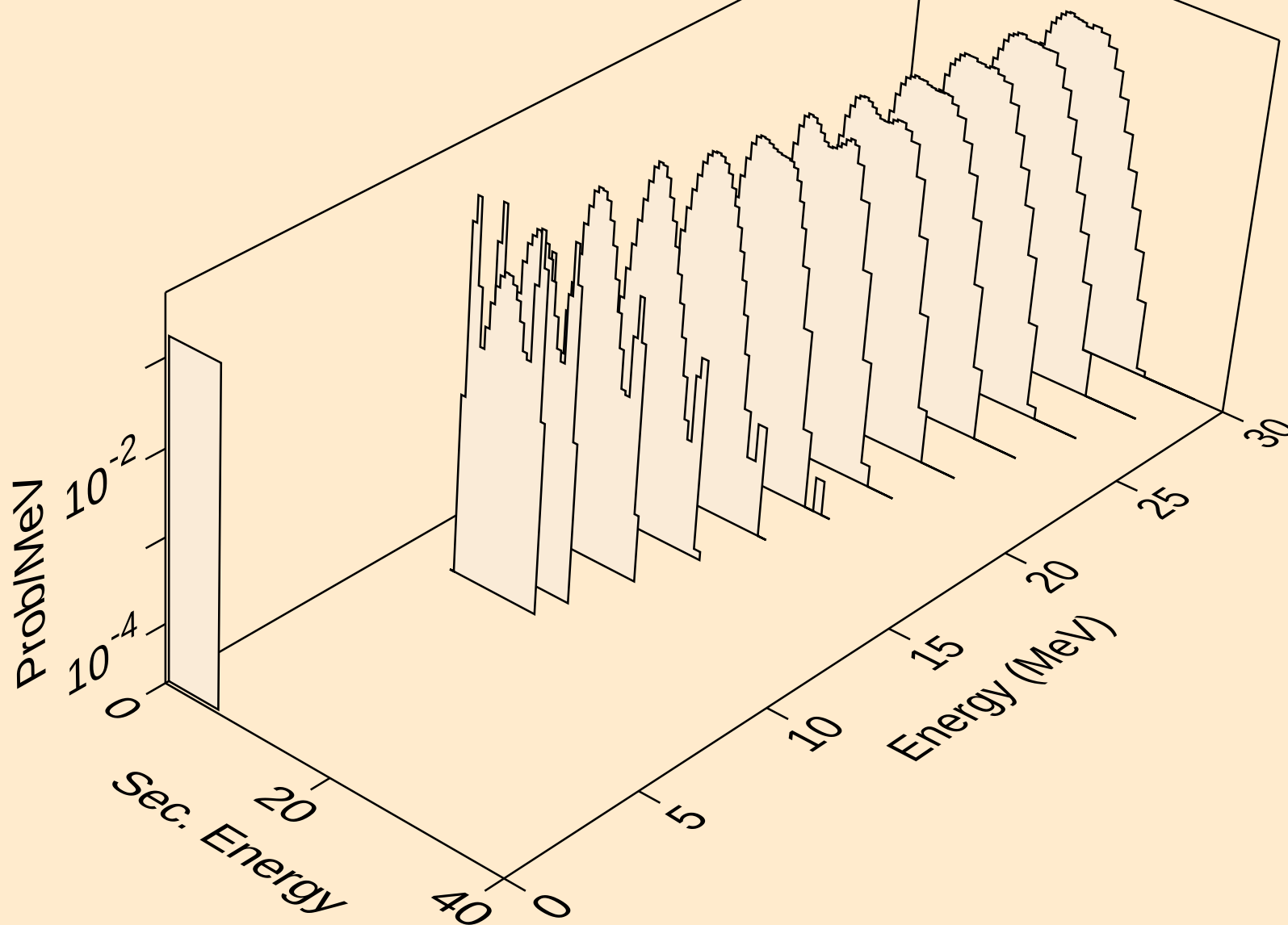
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,npa)



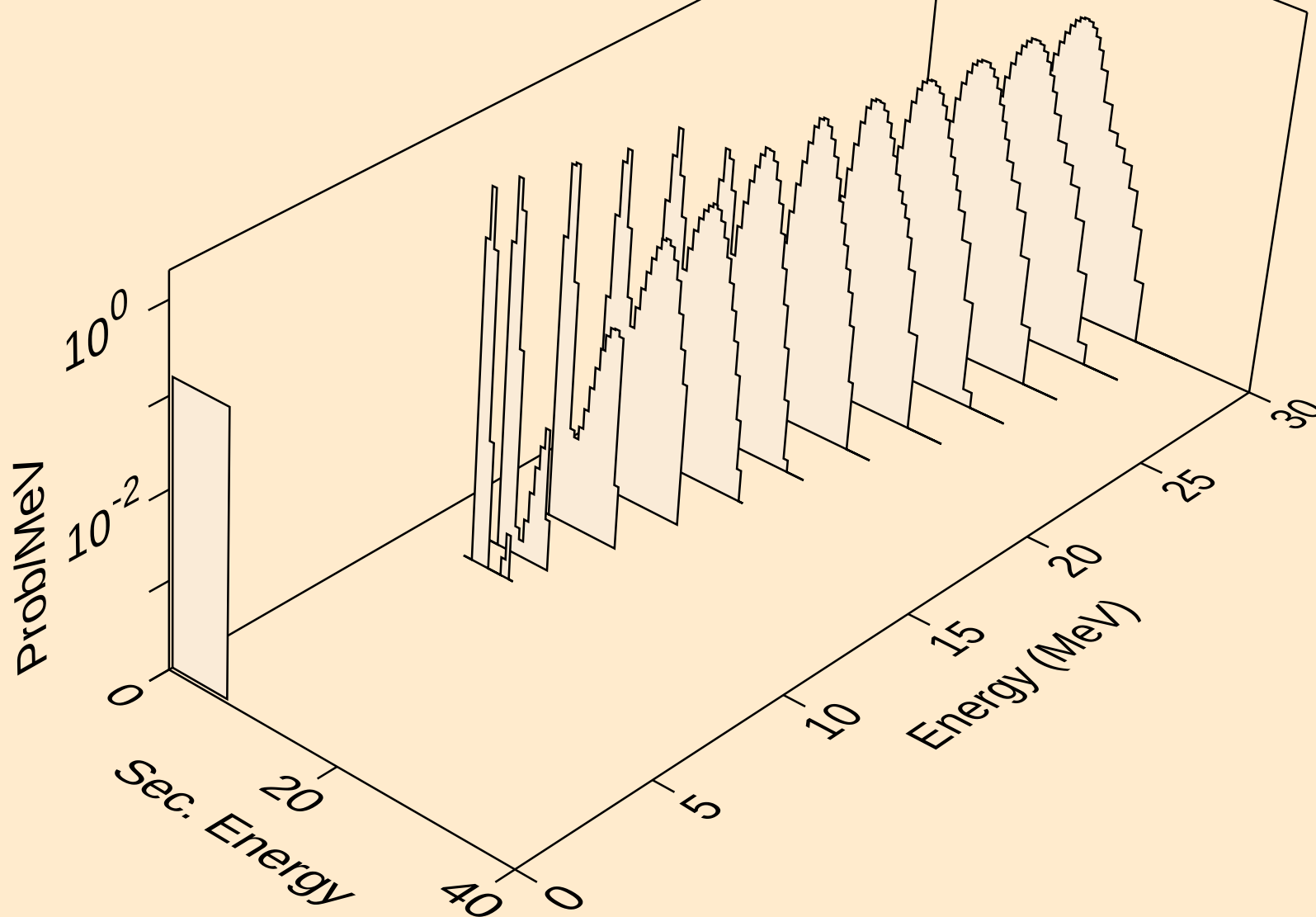
PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)



PB212 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,da)

