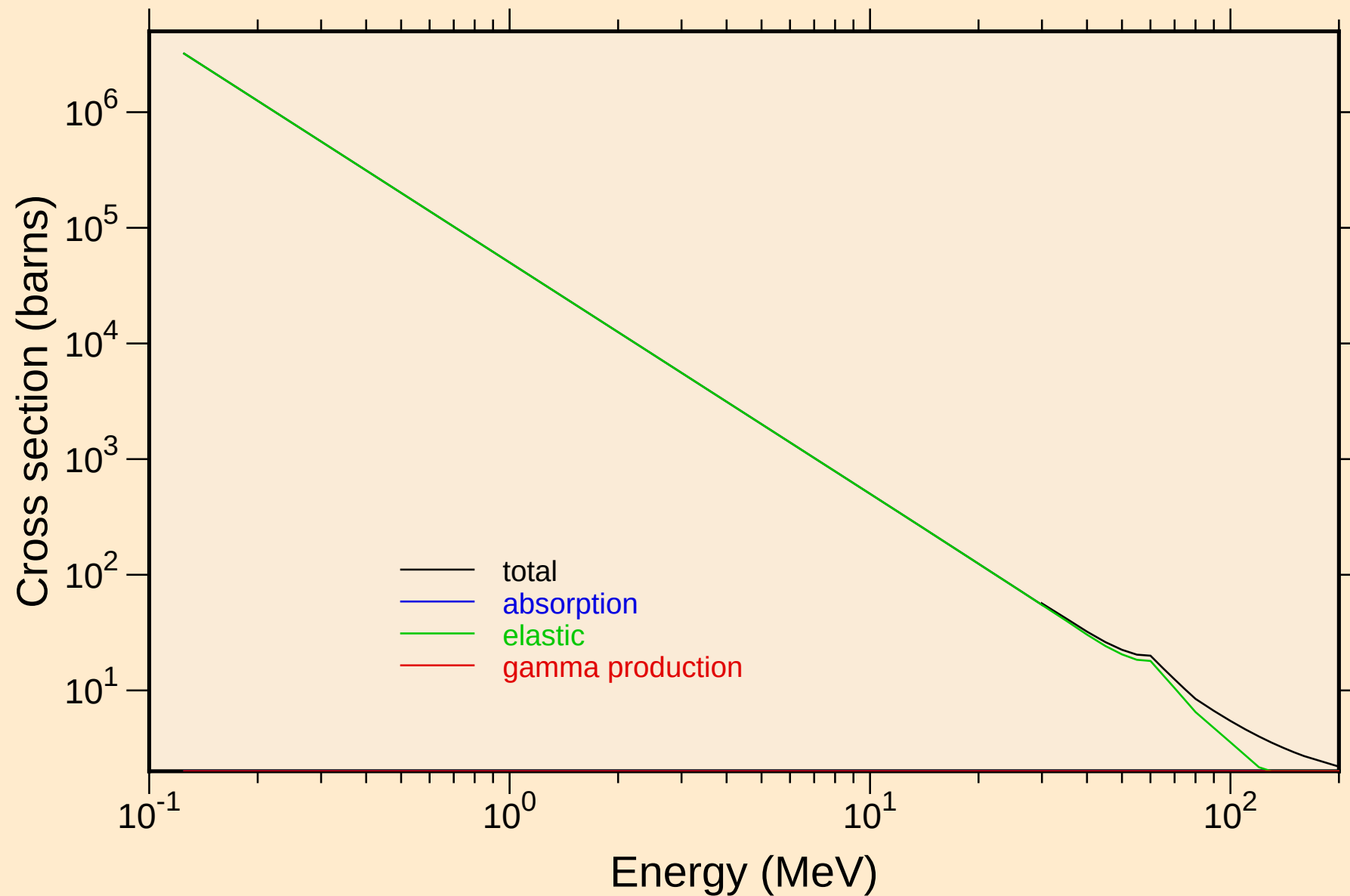


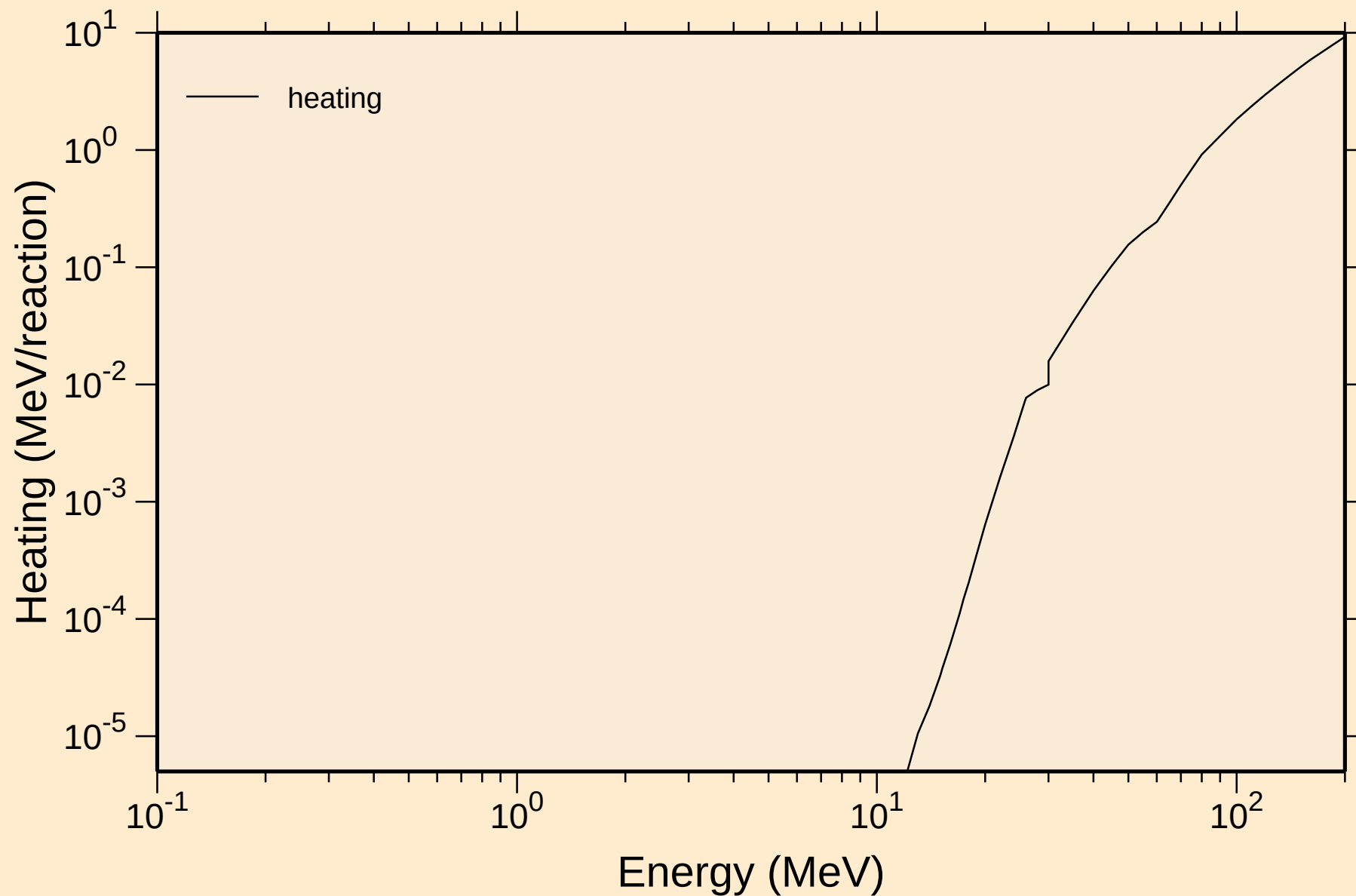
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



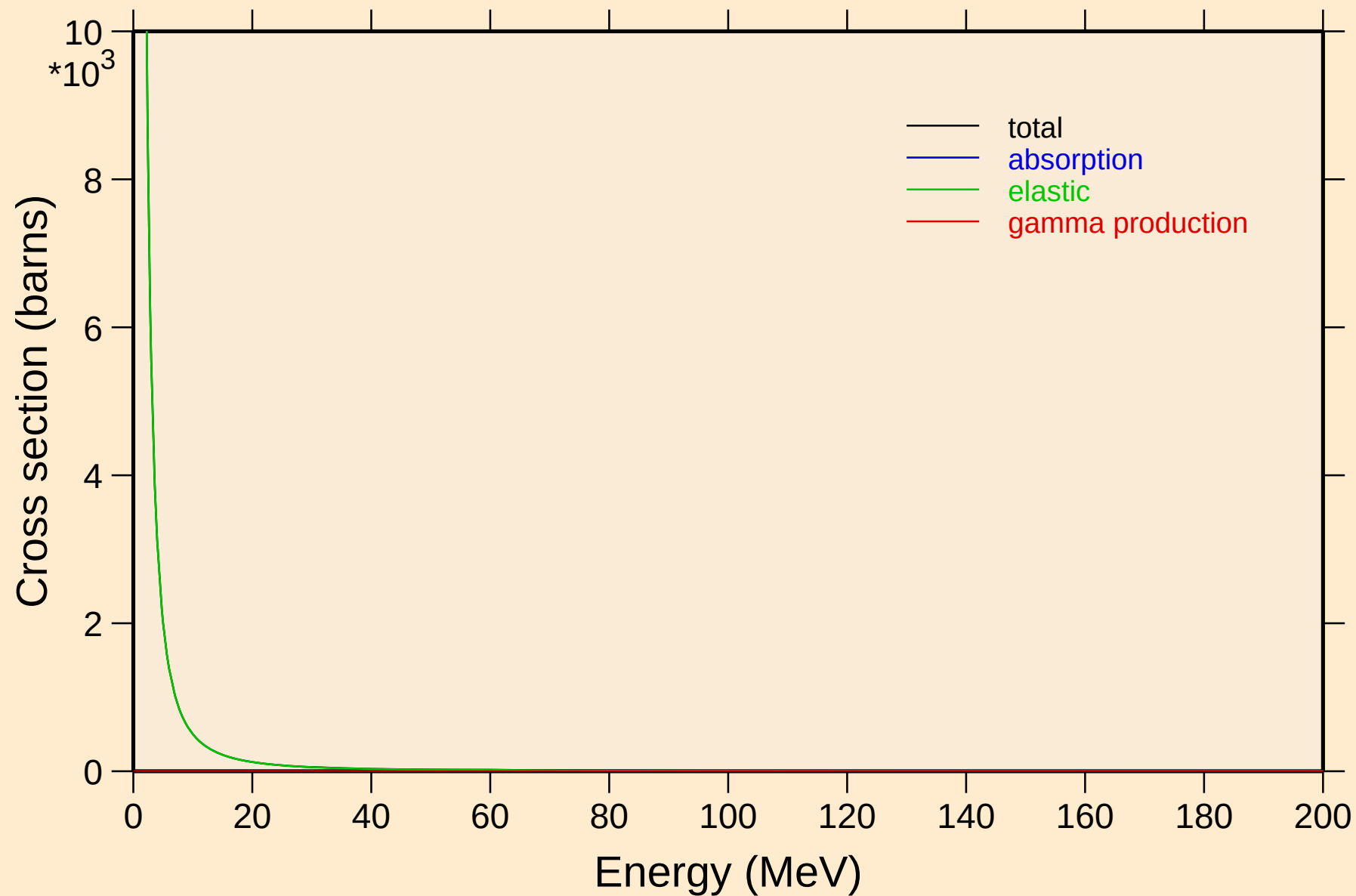
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



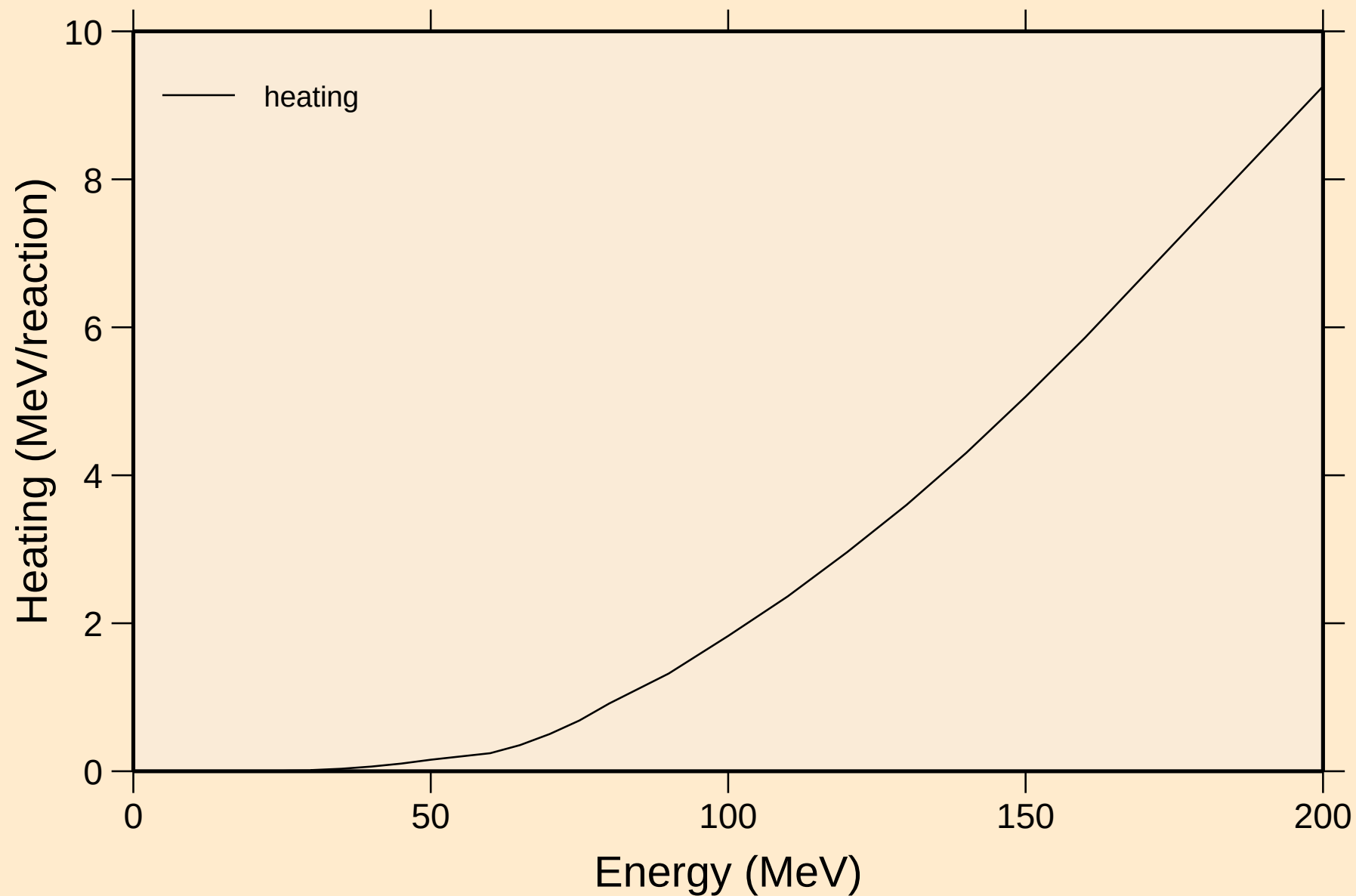
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



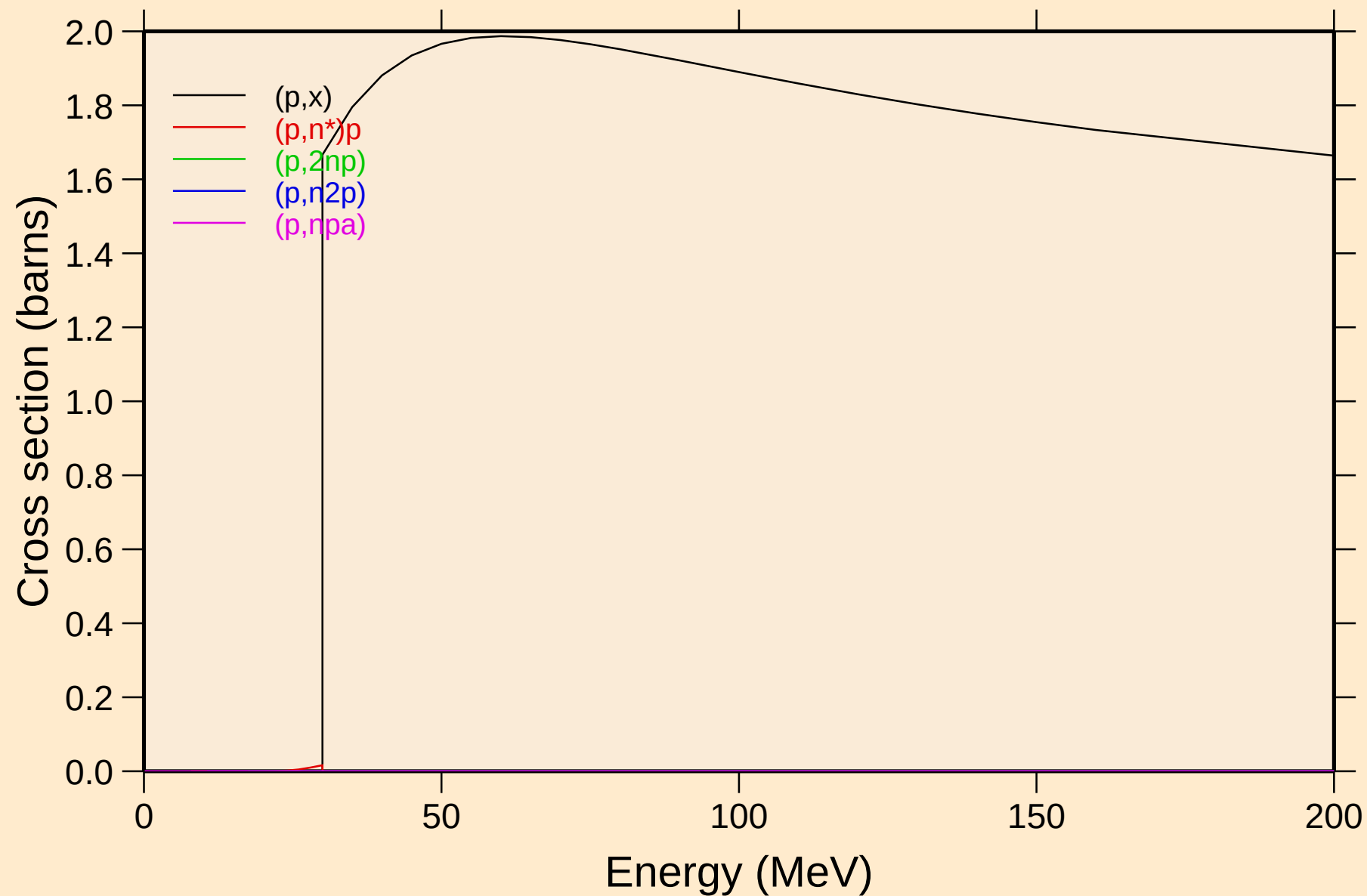
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



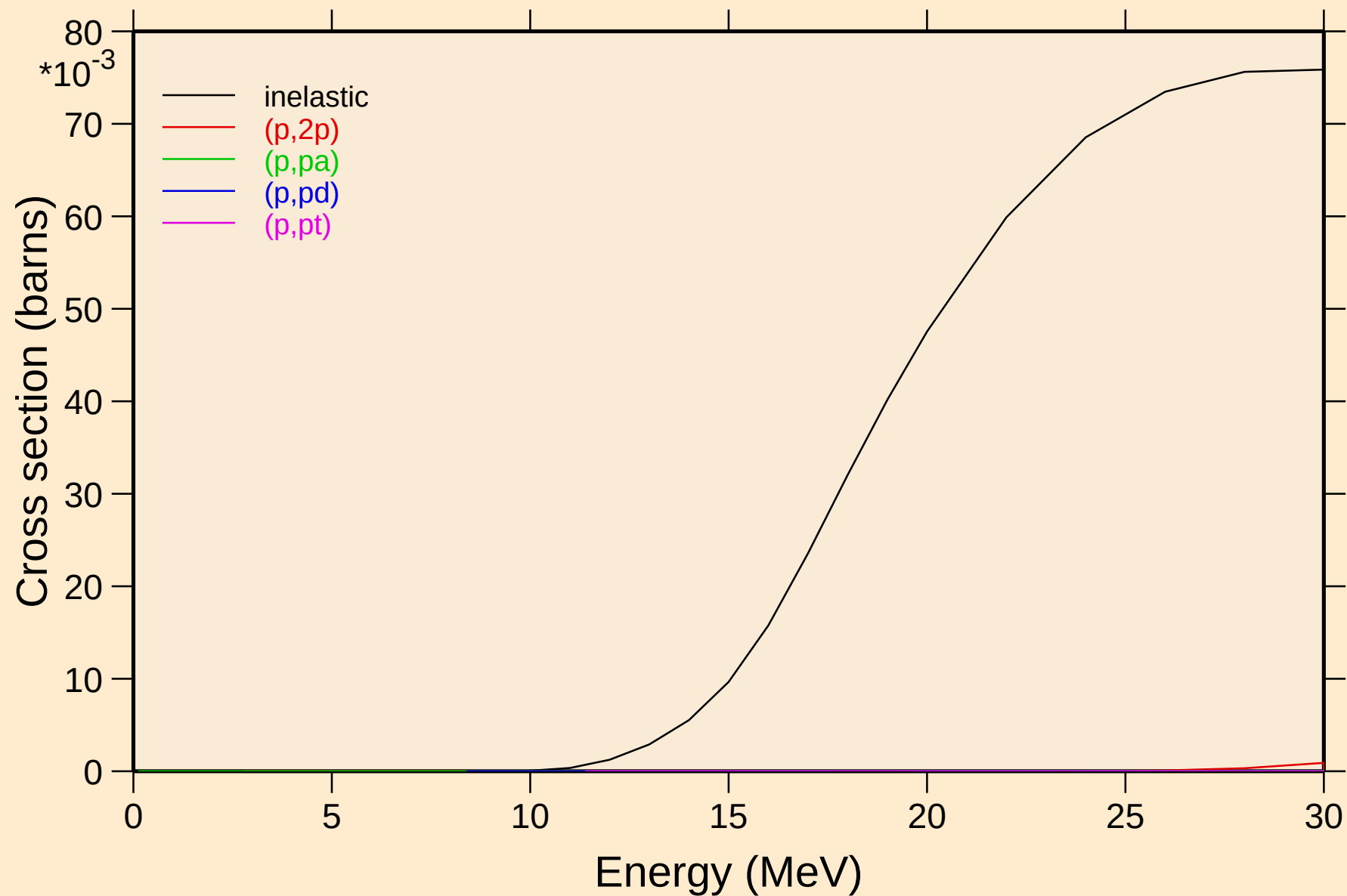
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



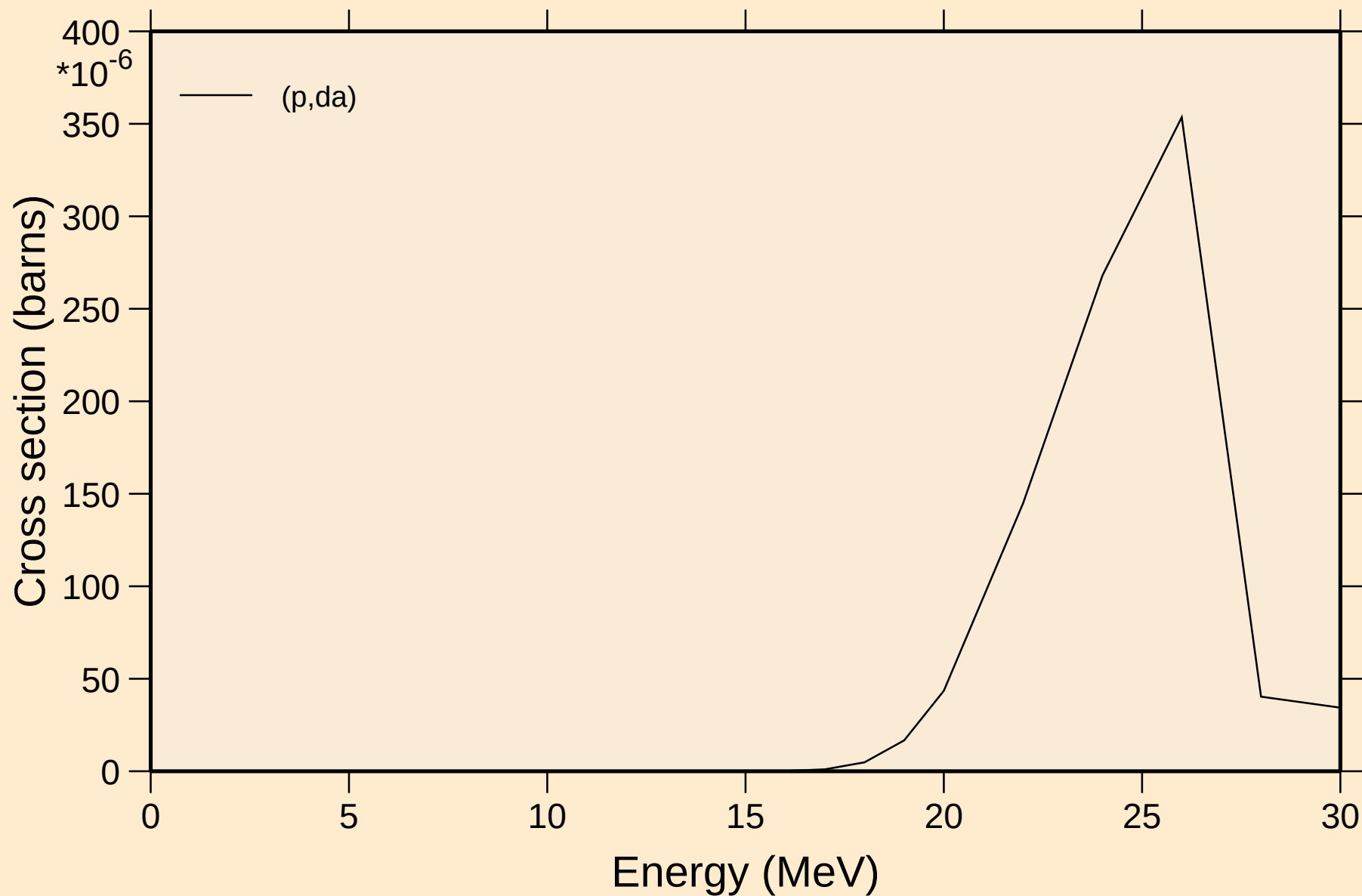
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

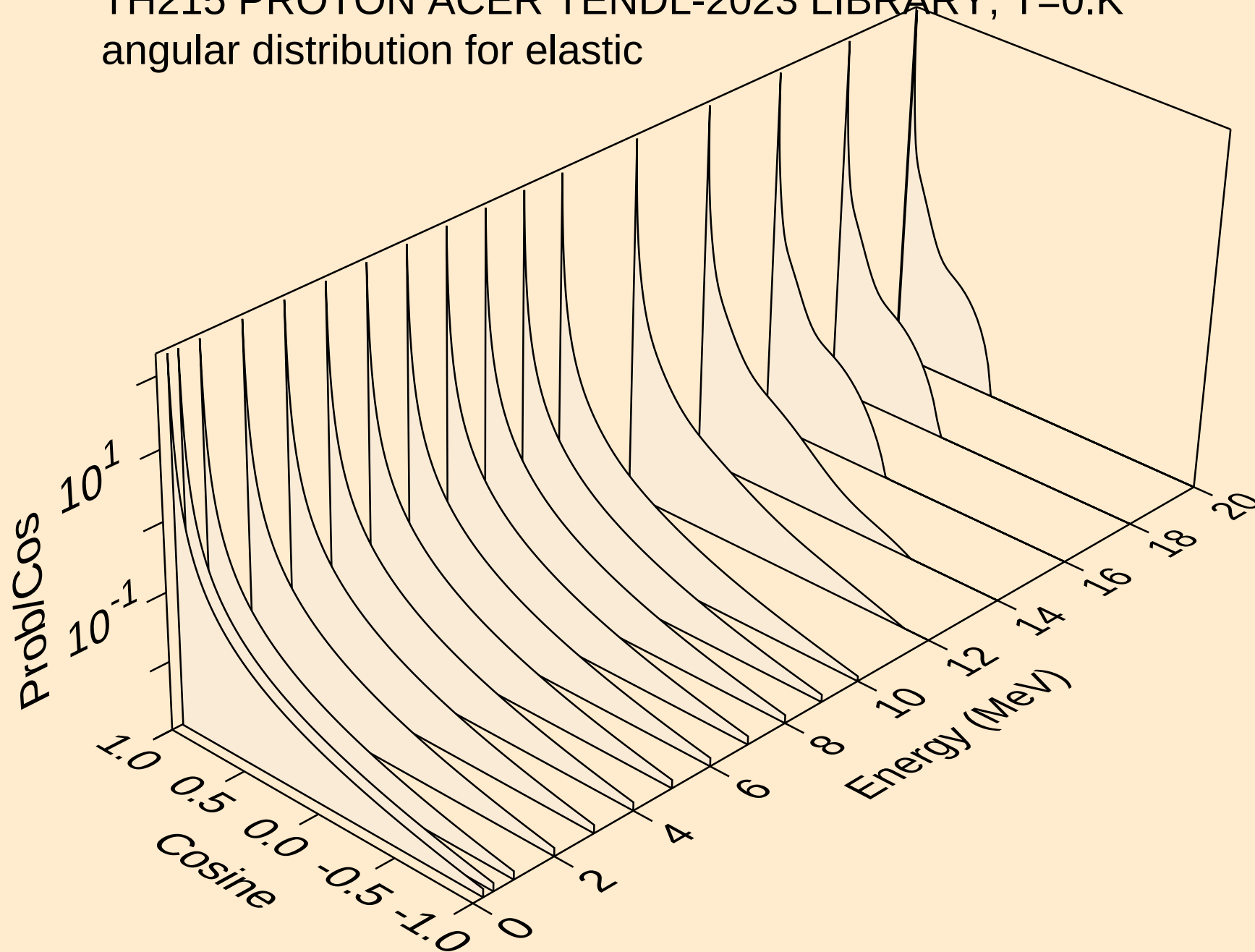


TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

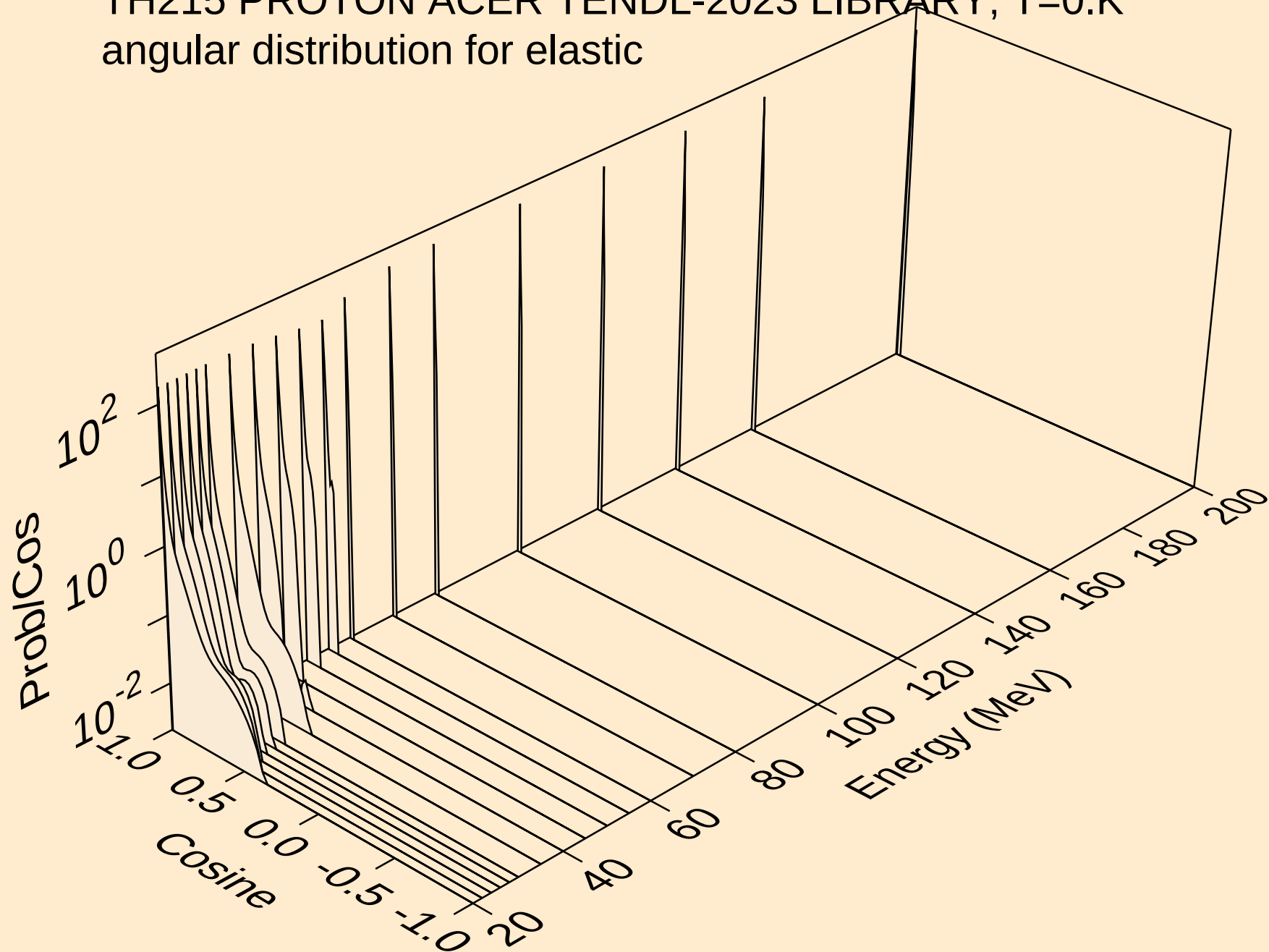
Threshold reactions



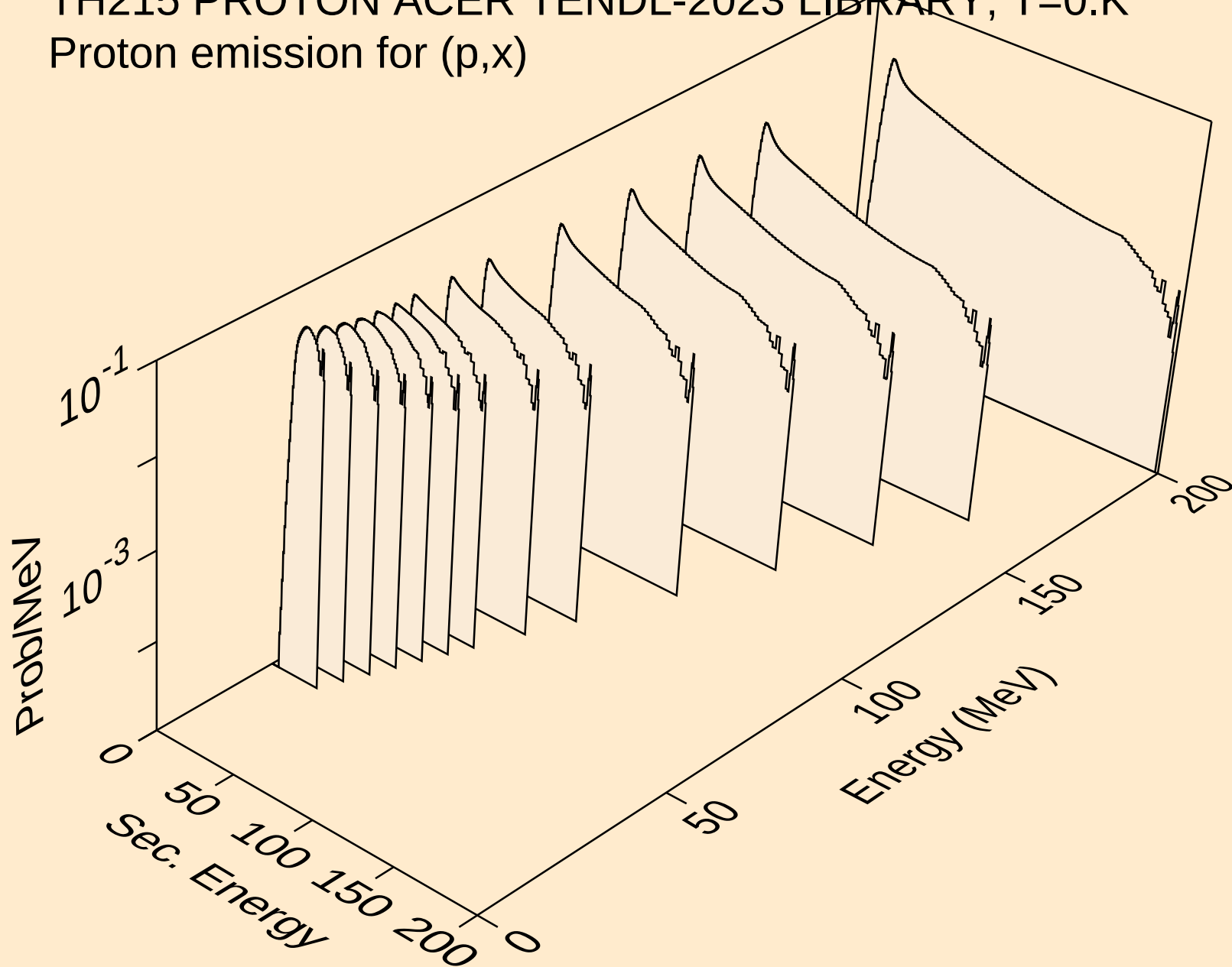
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

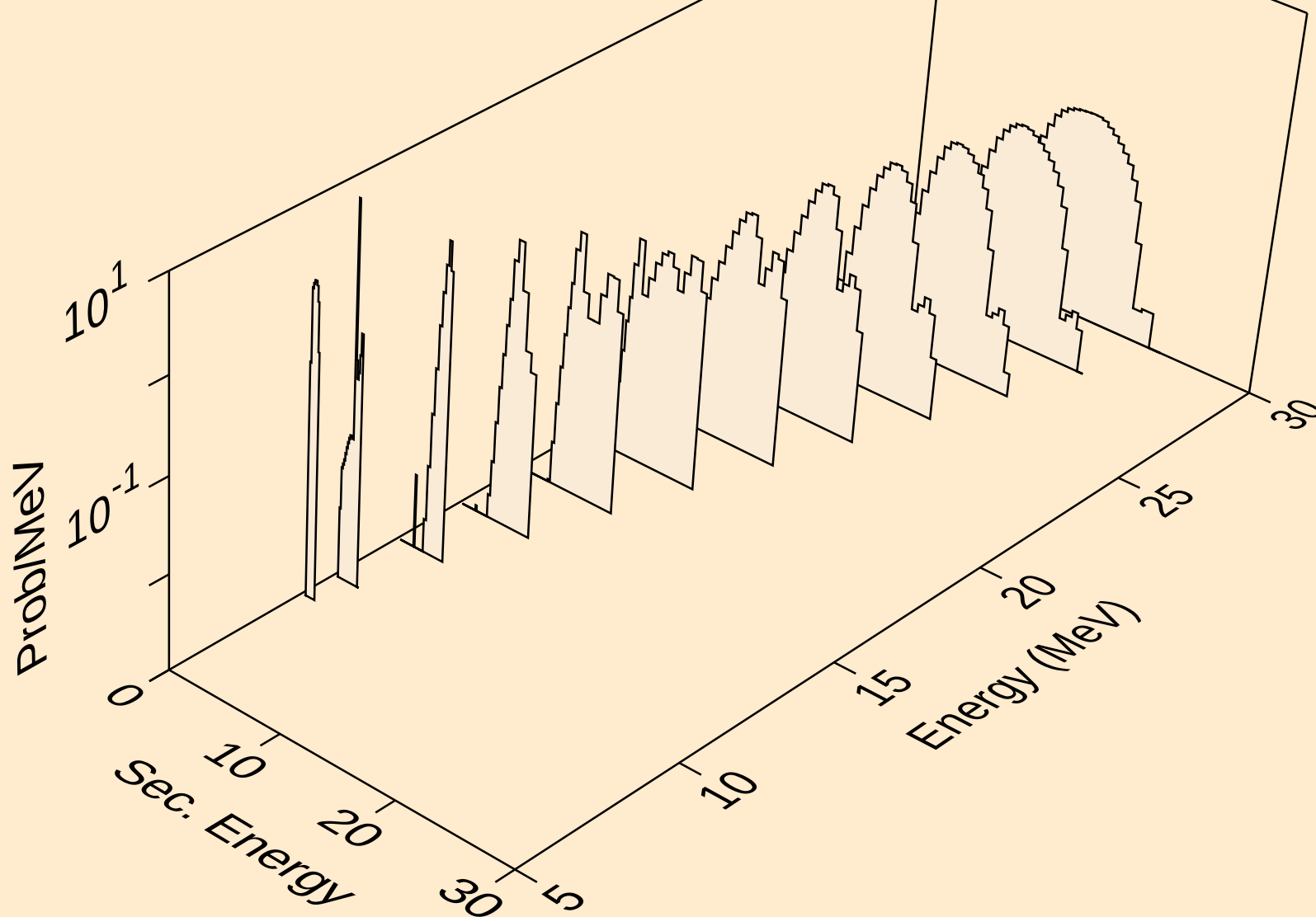


TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)

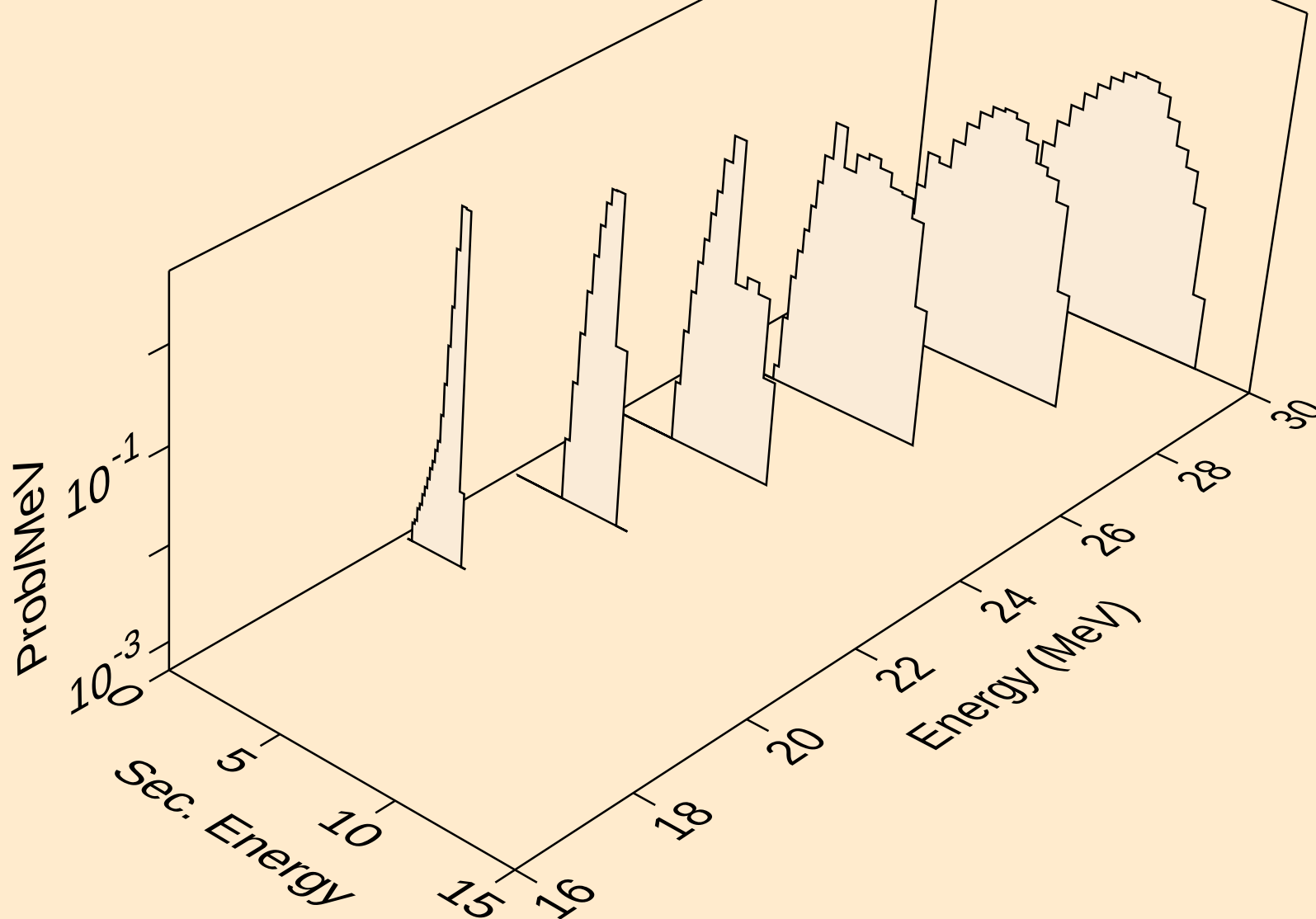


TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

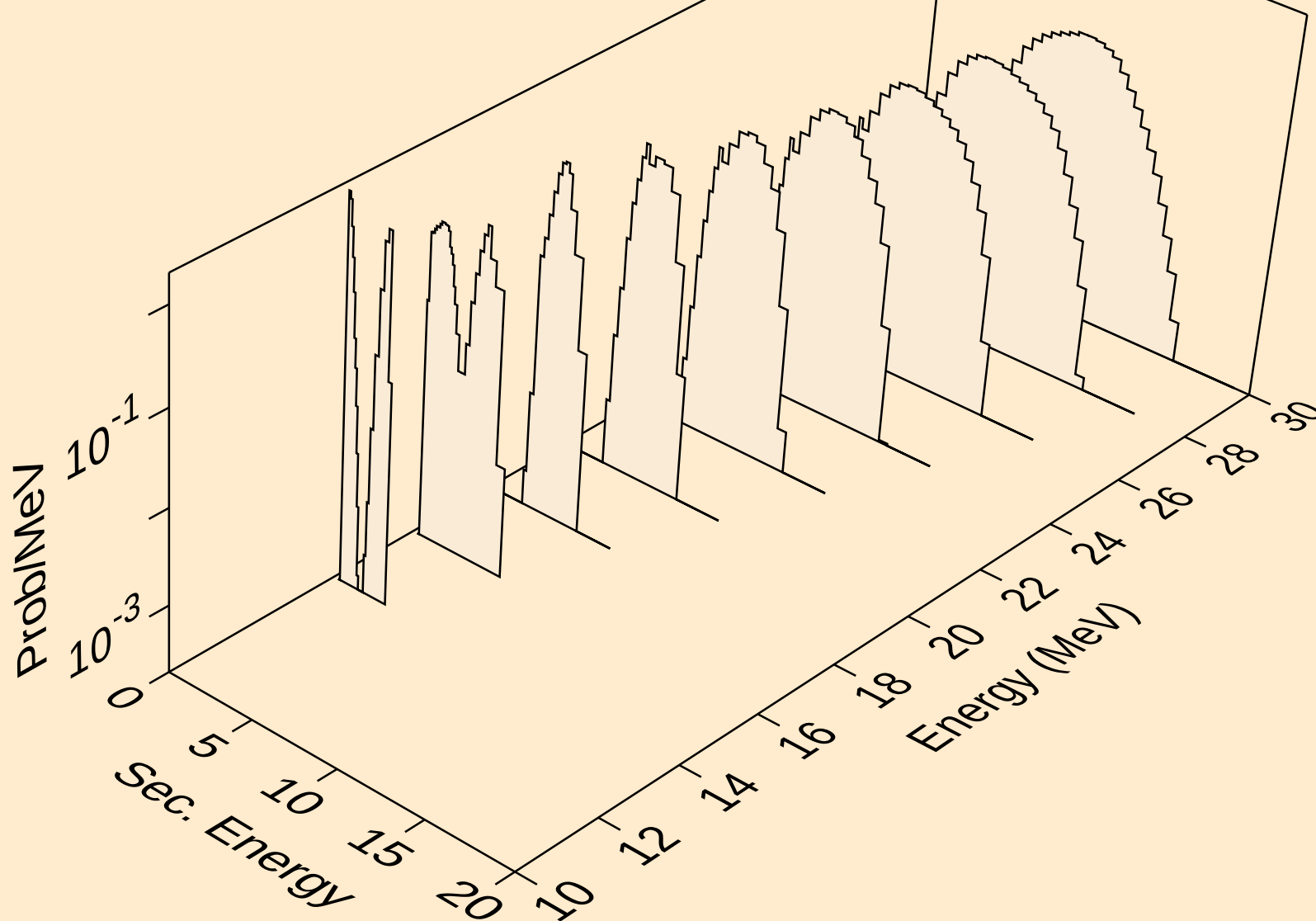
Proton emission for (p,n*)p



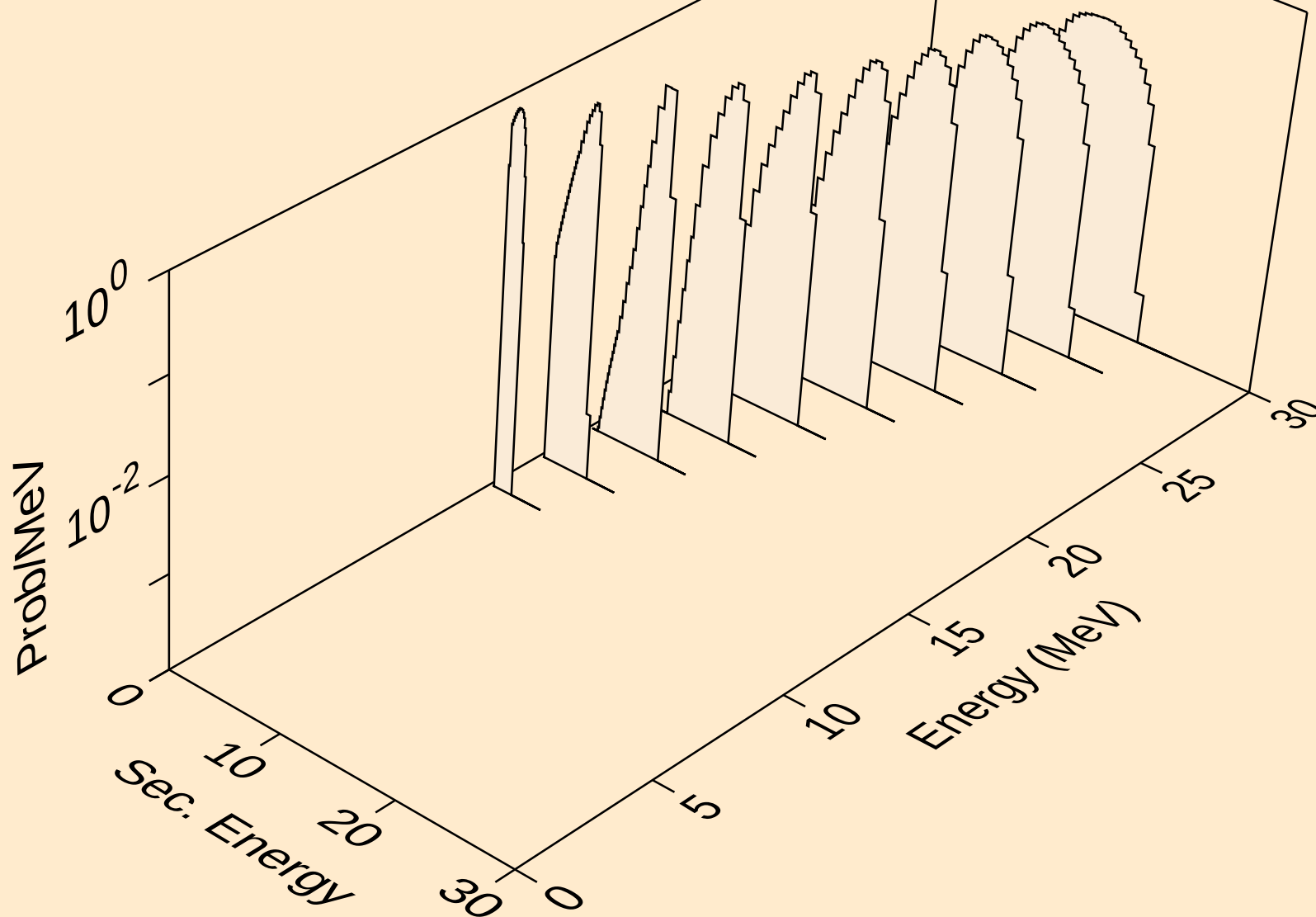
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



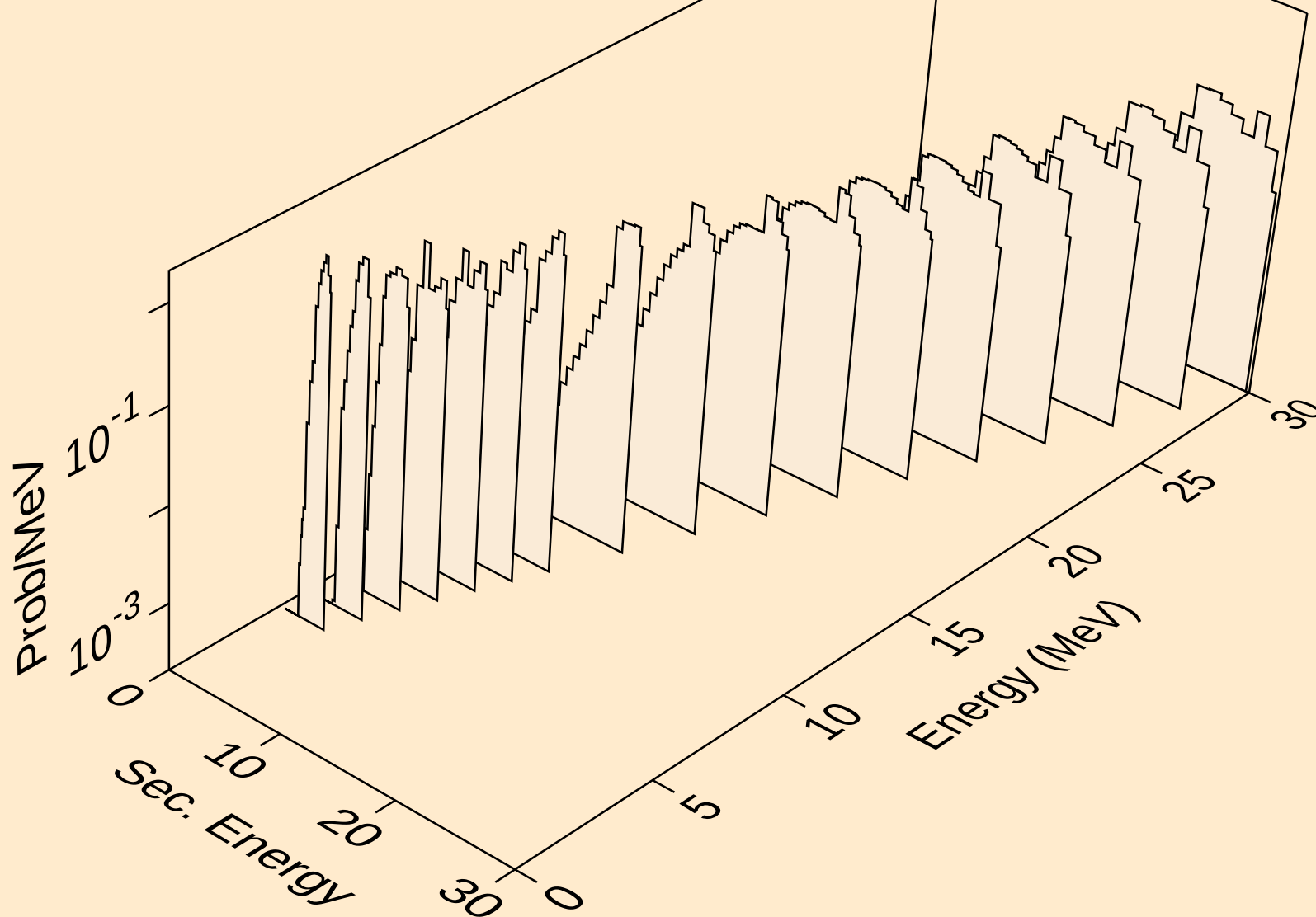
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)

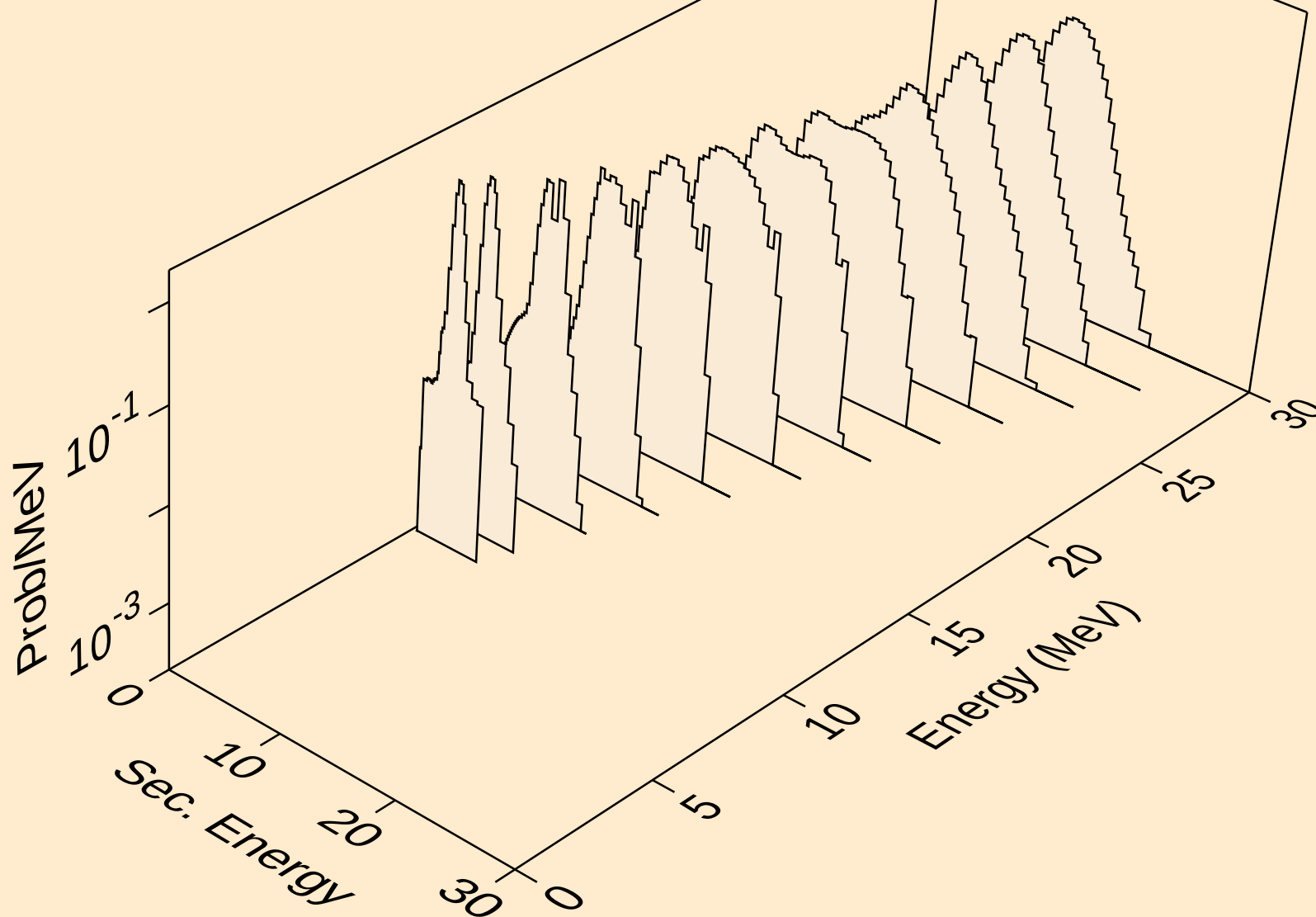


TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



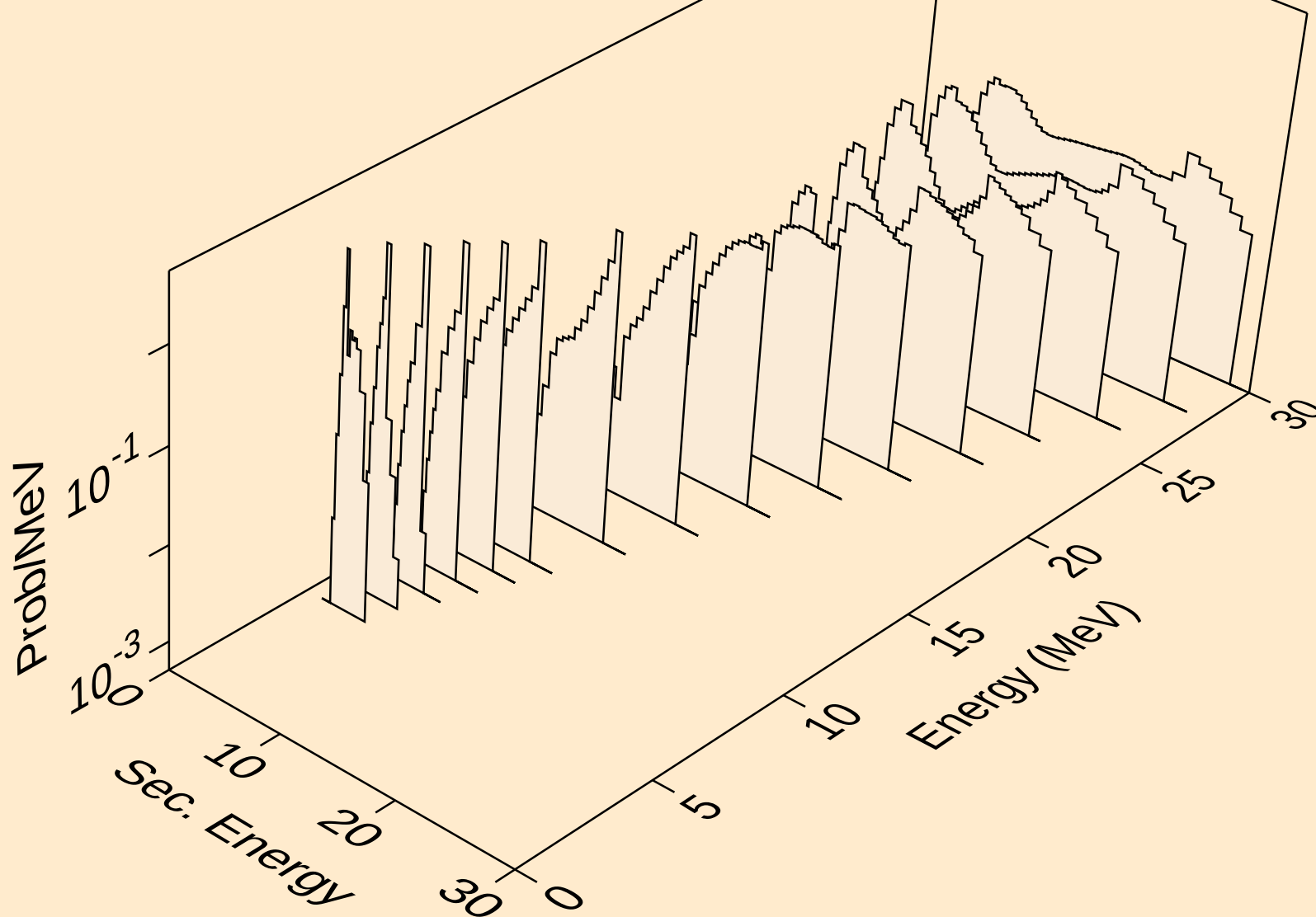
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,2p)



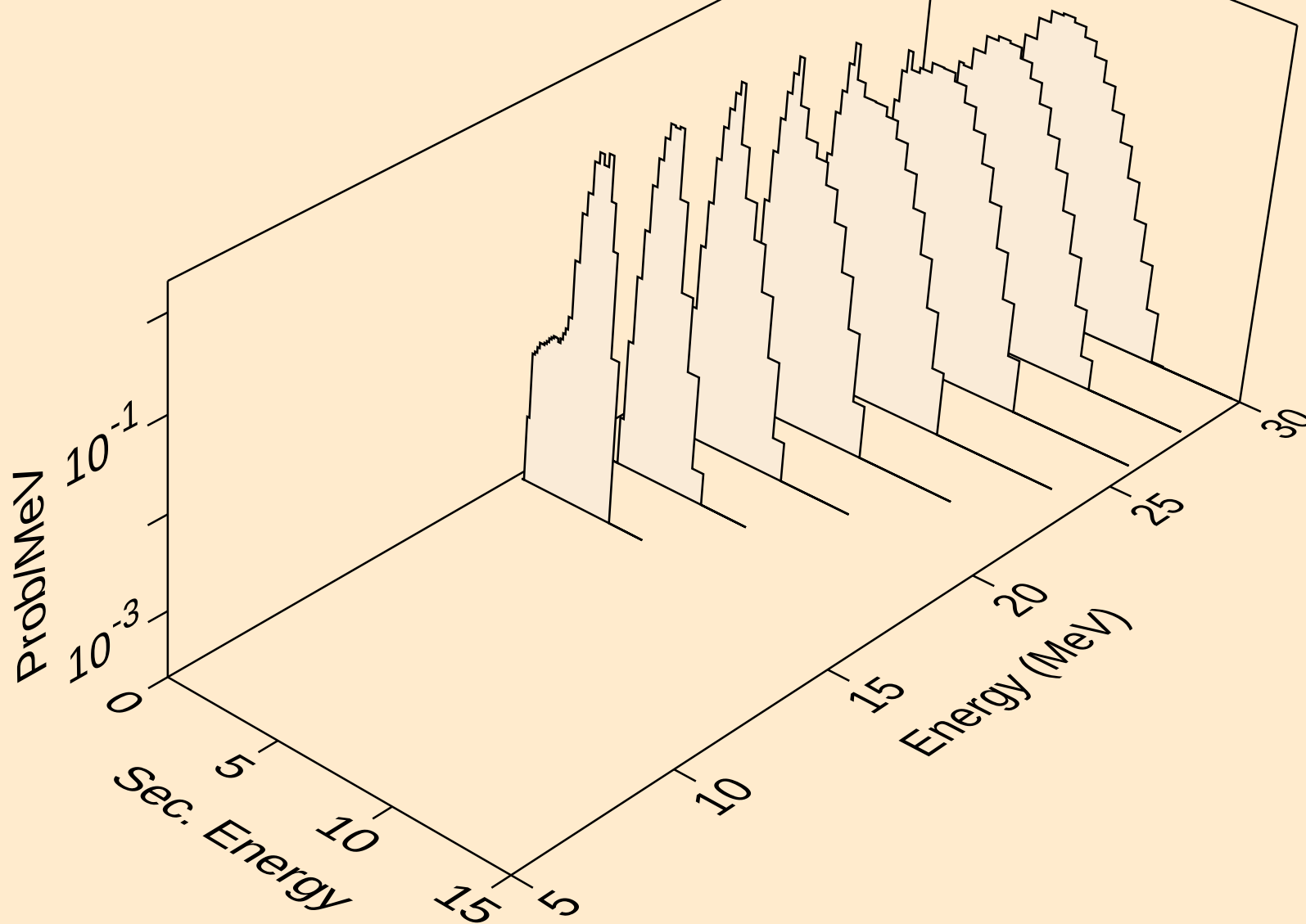
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pa)



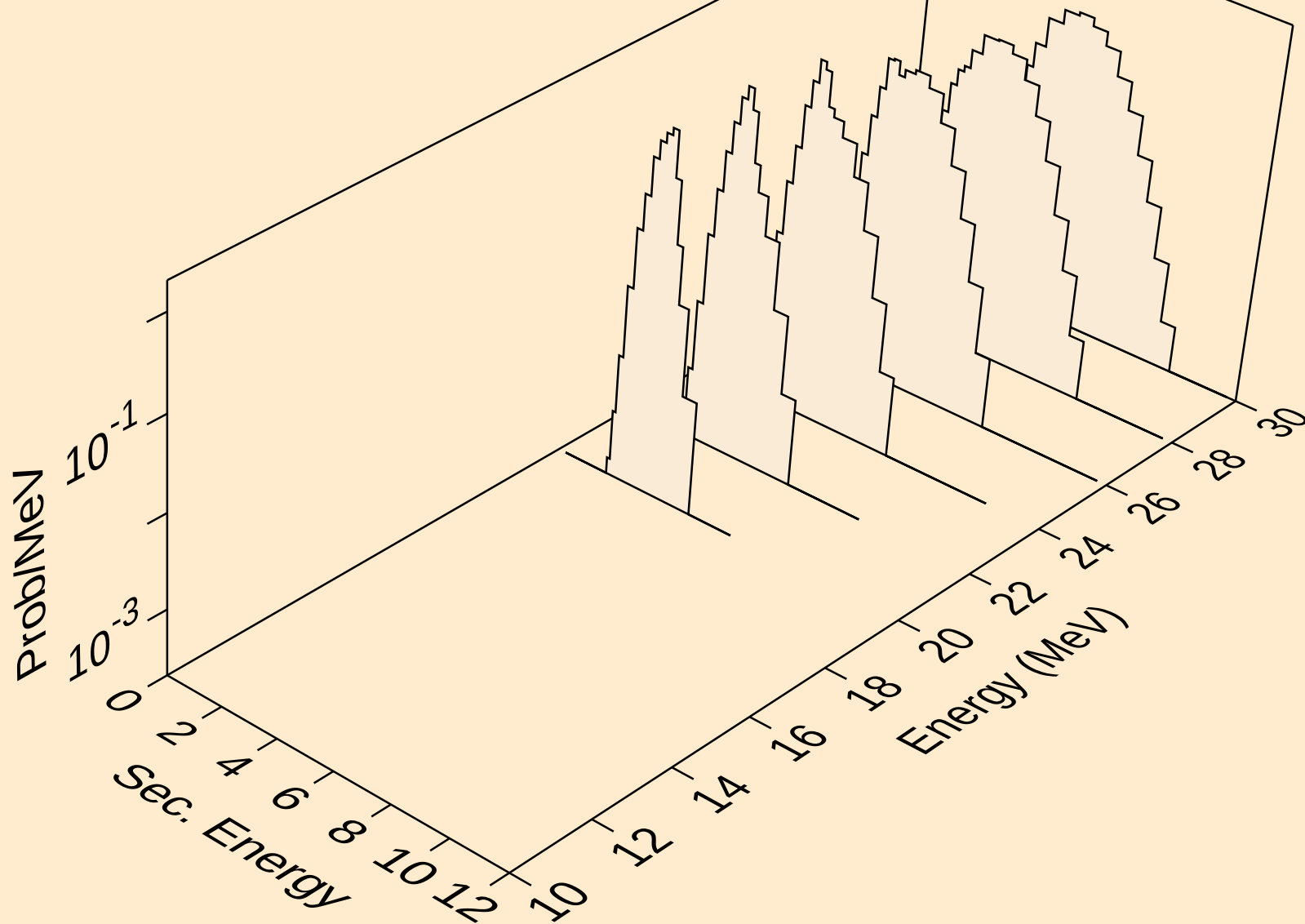
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pd)

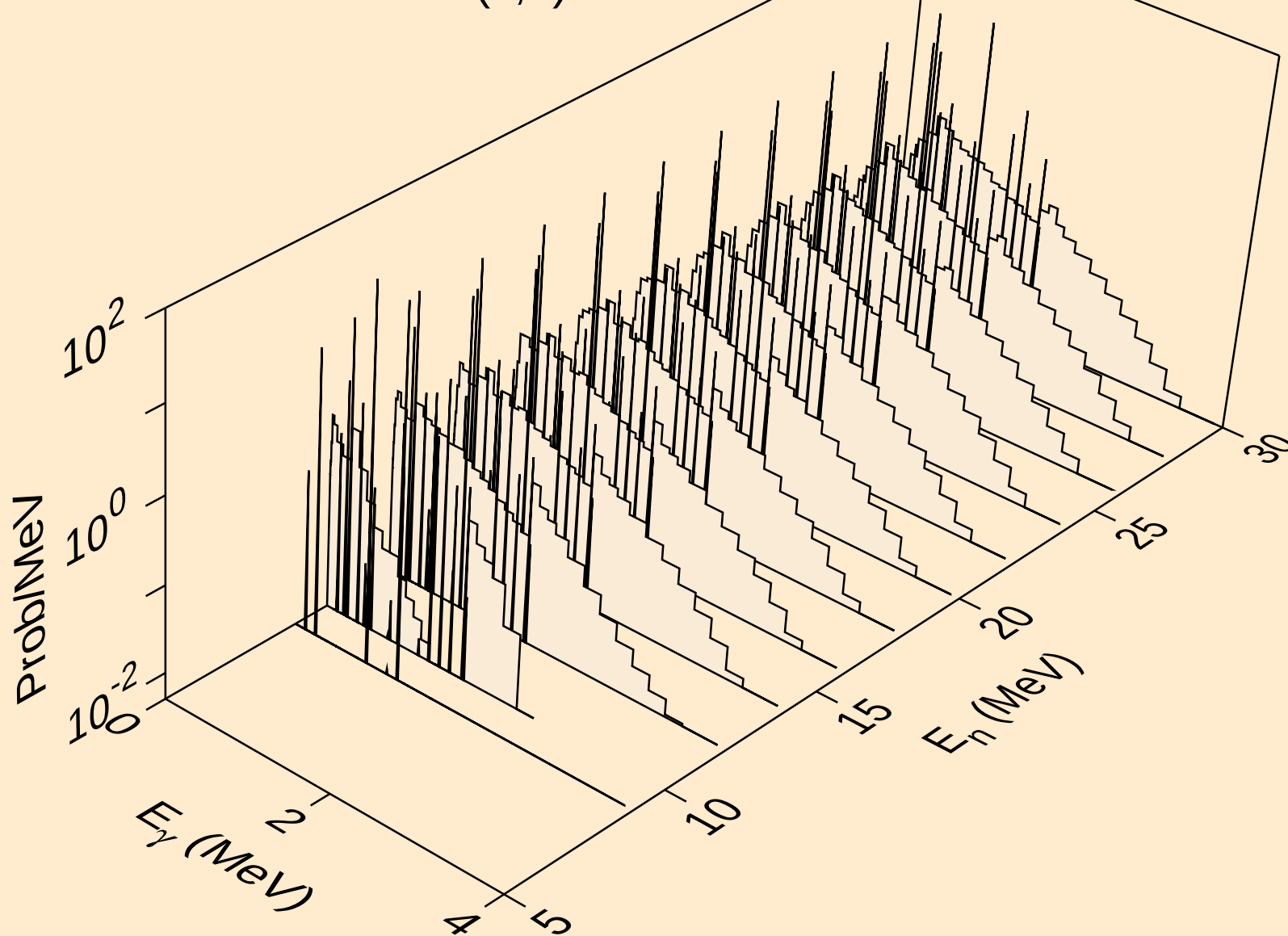


TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pt)

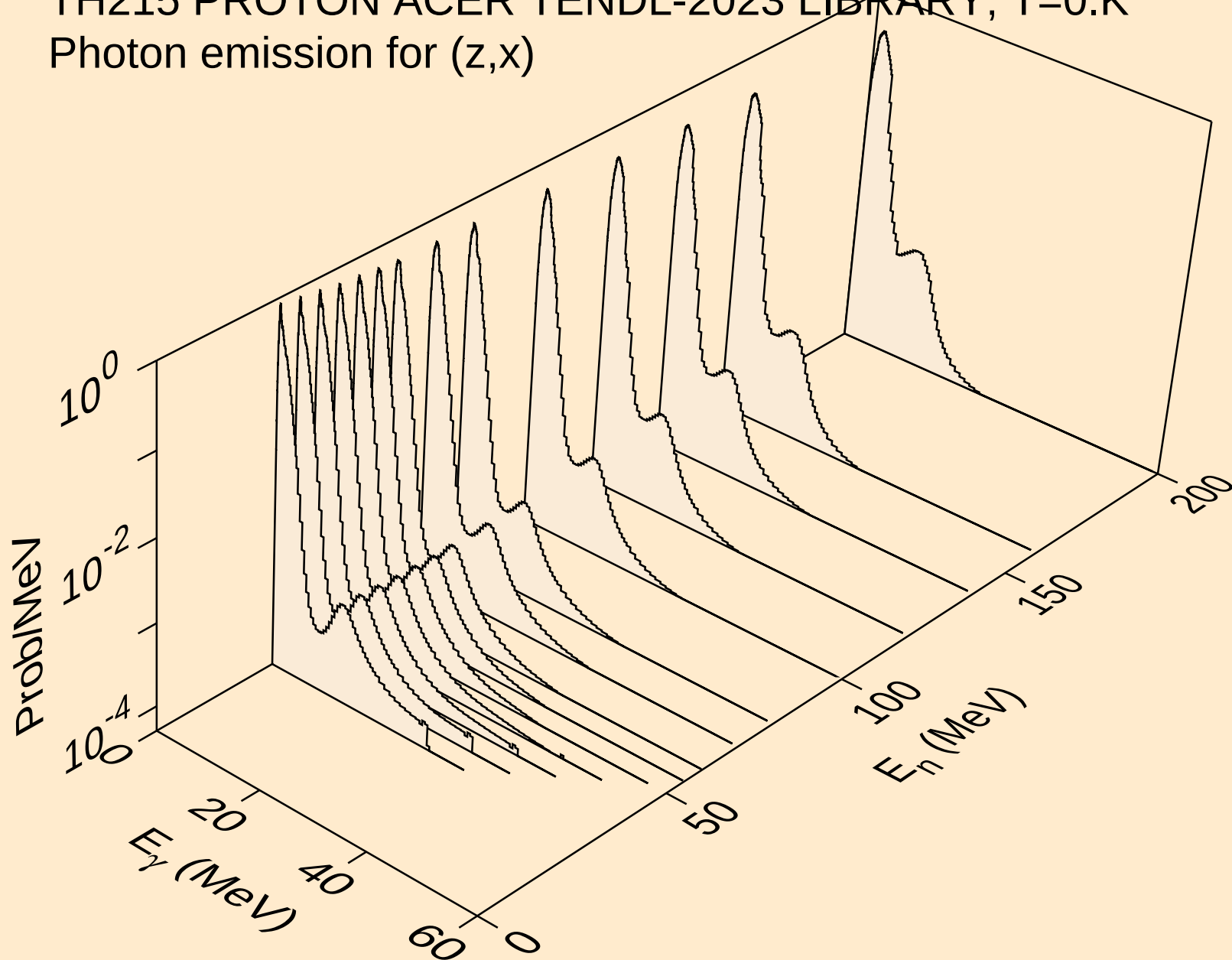


TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (z,n)



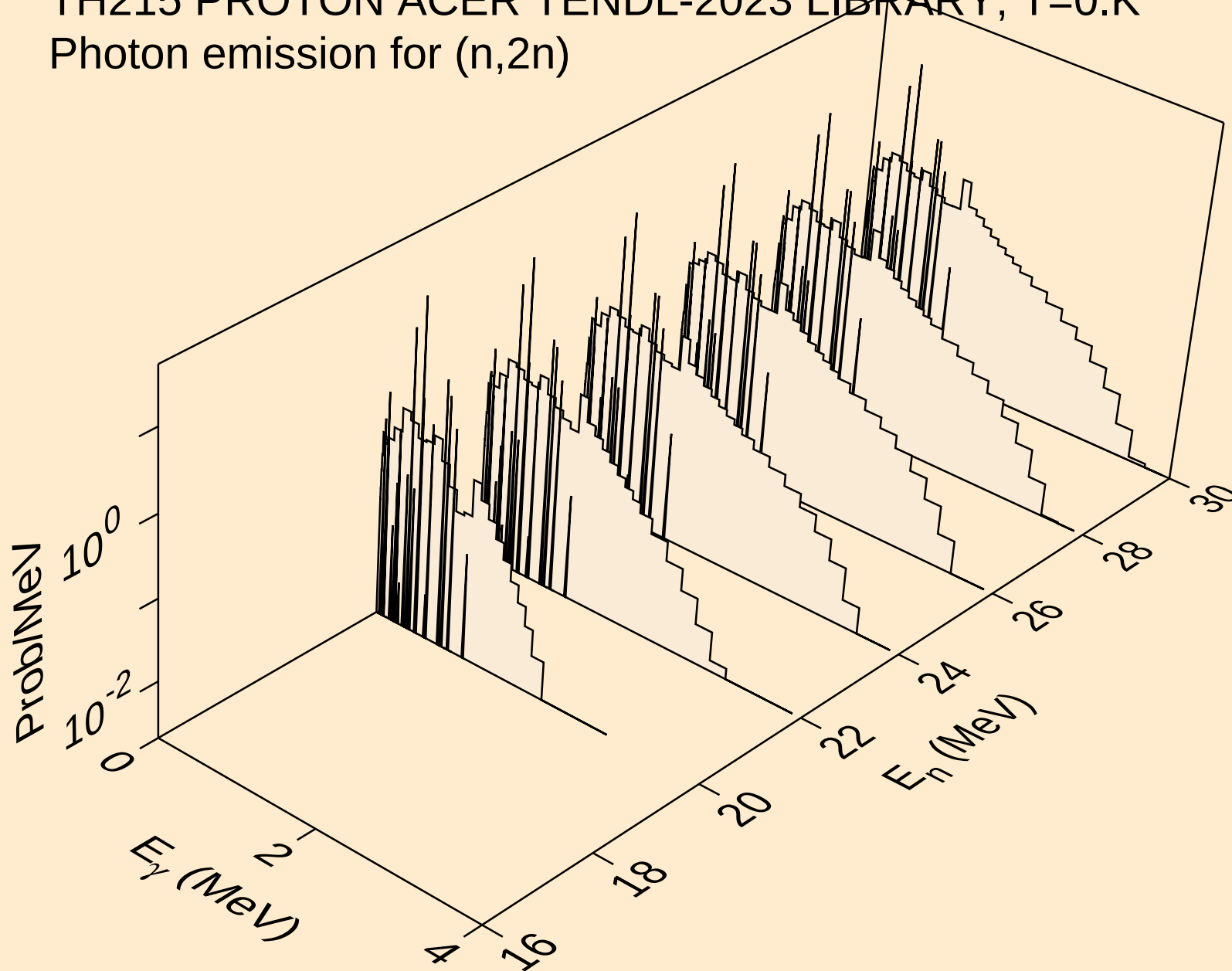
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,x)

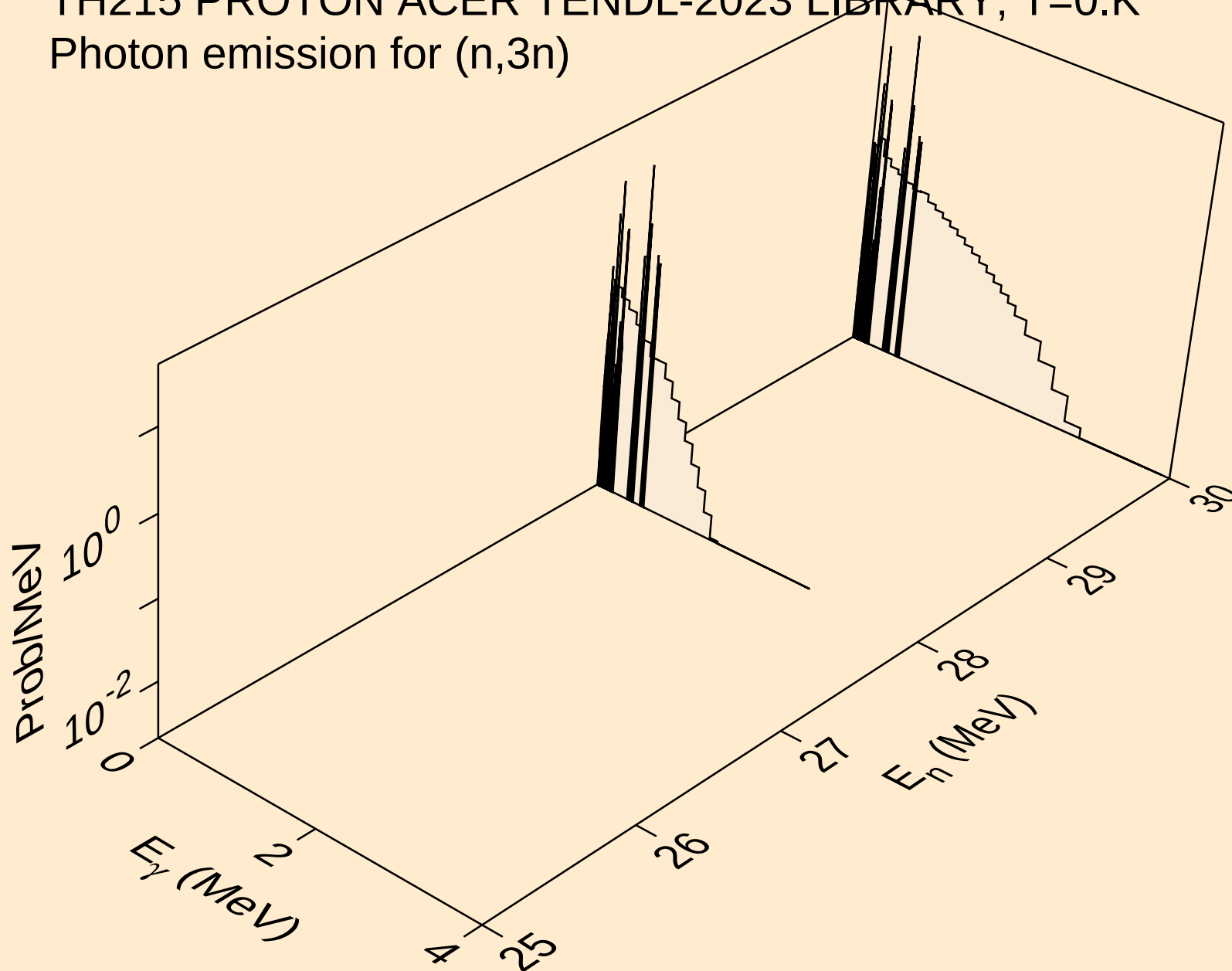


TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for (n,2n)

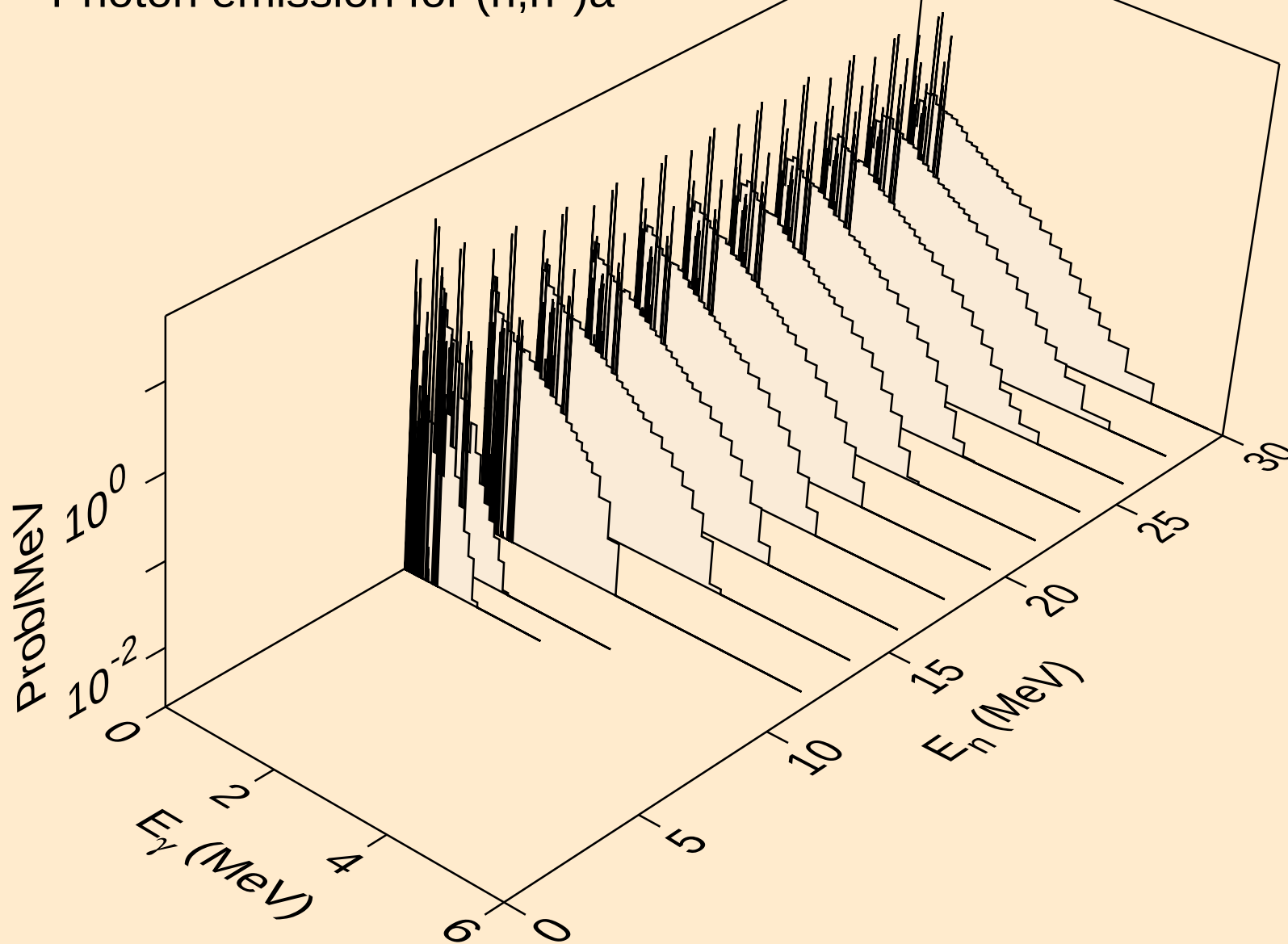


TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3n)



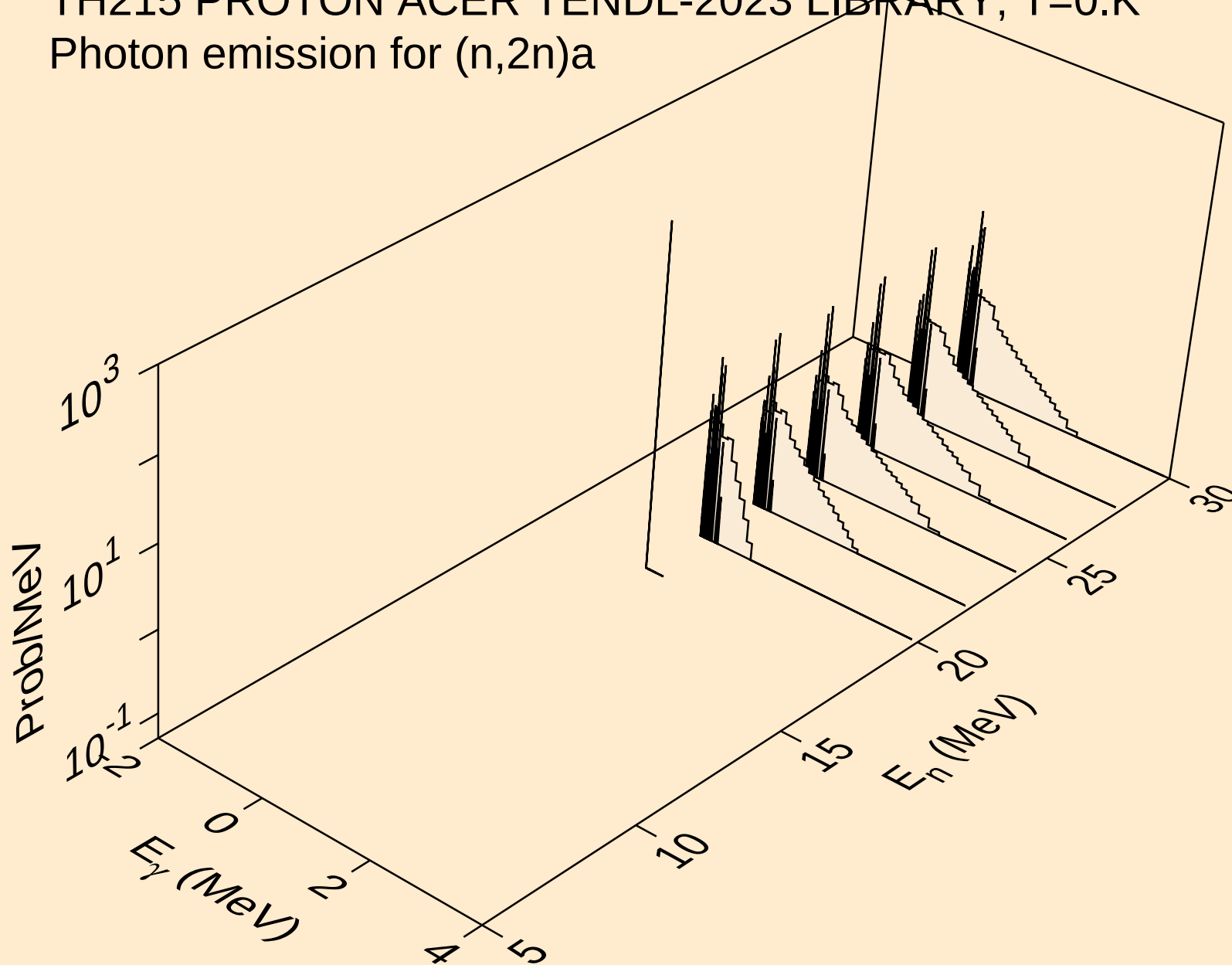
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



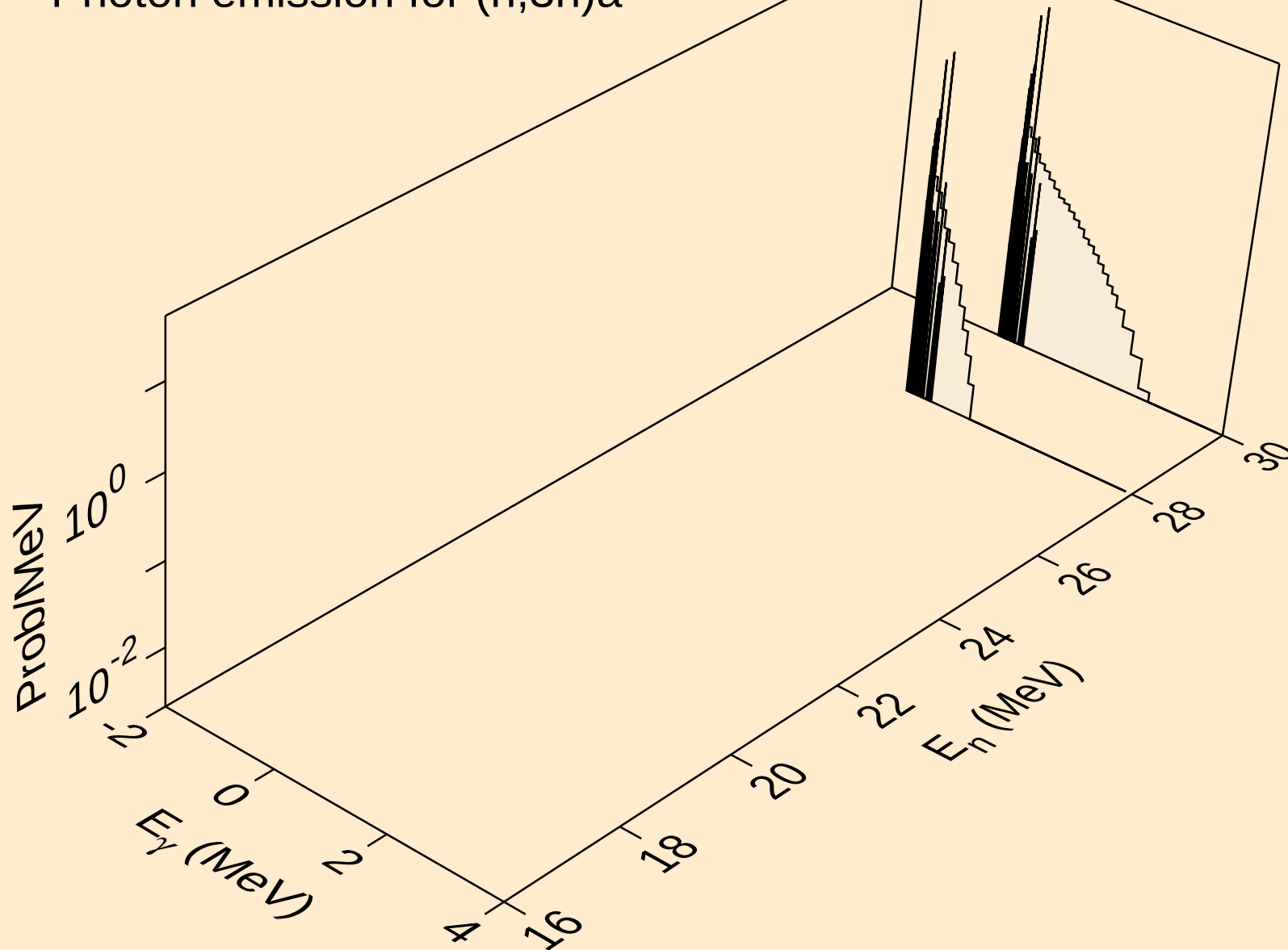
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

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



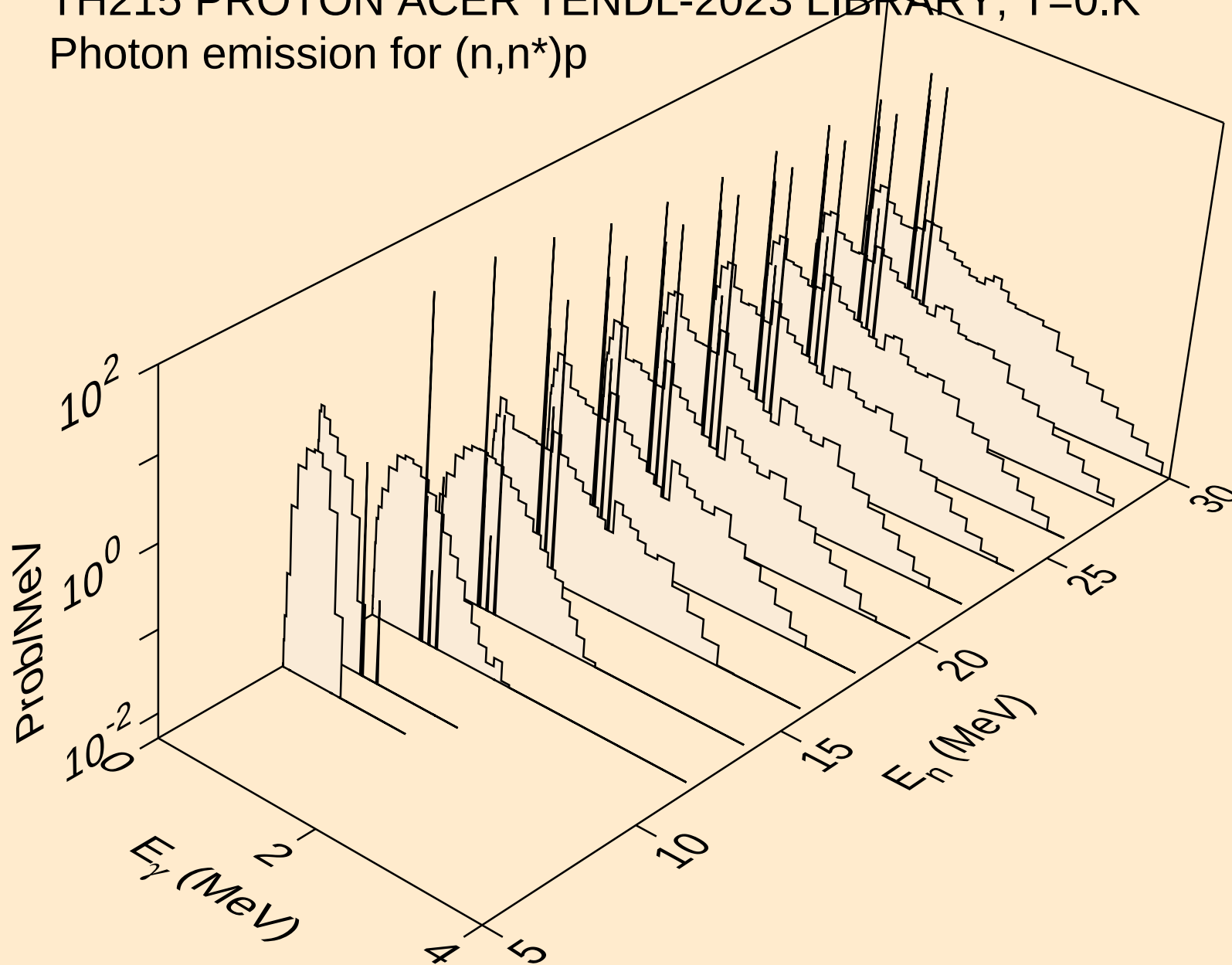
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n)a



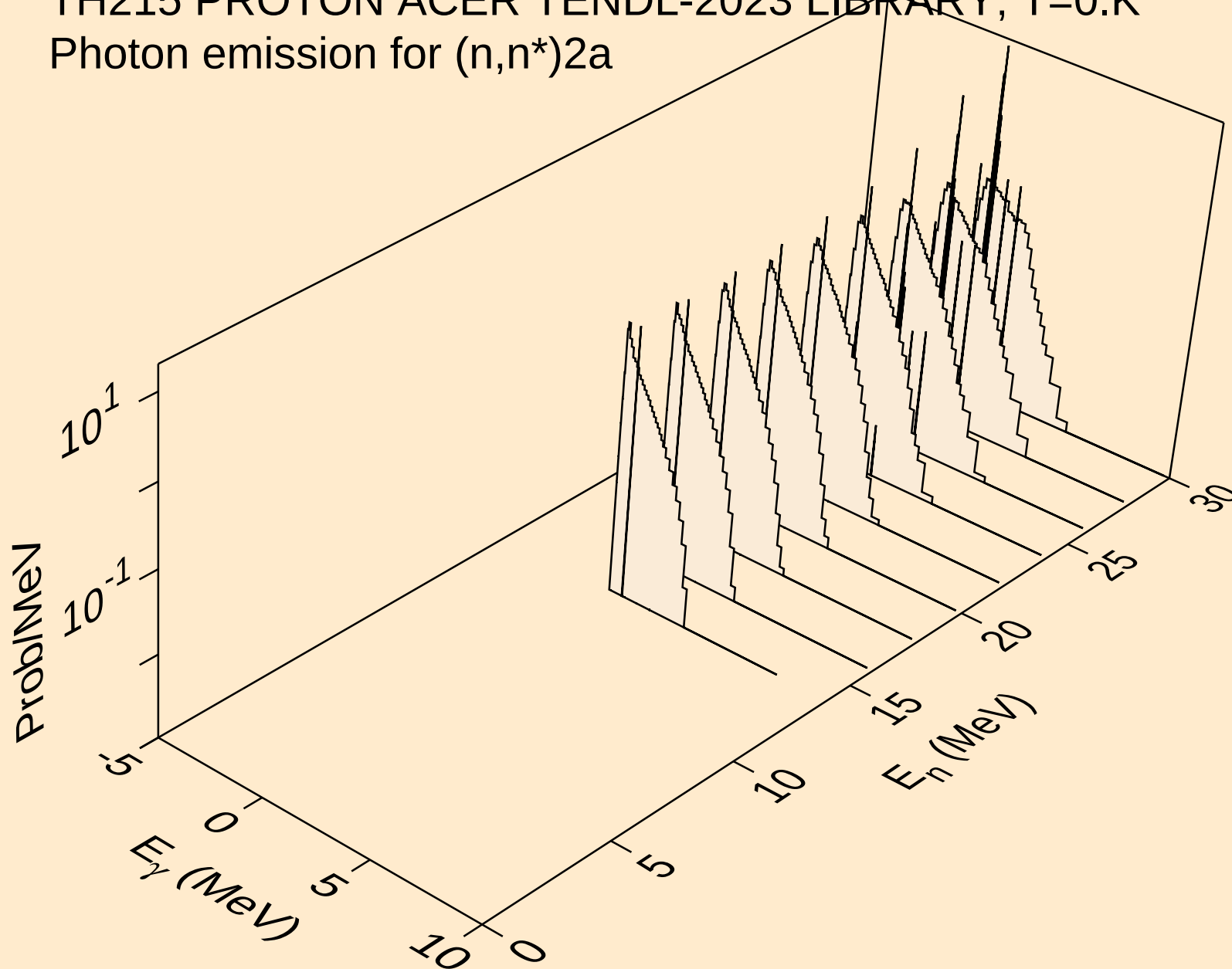
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

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



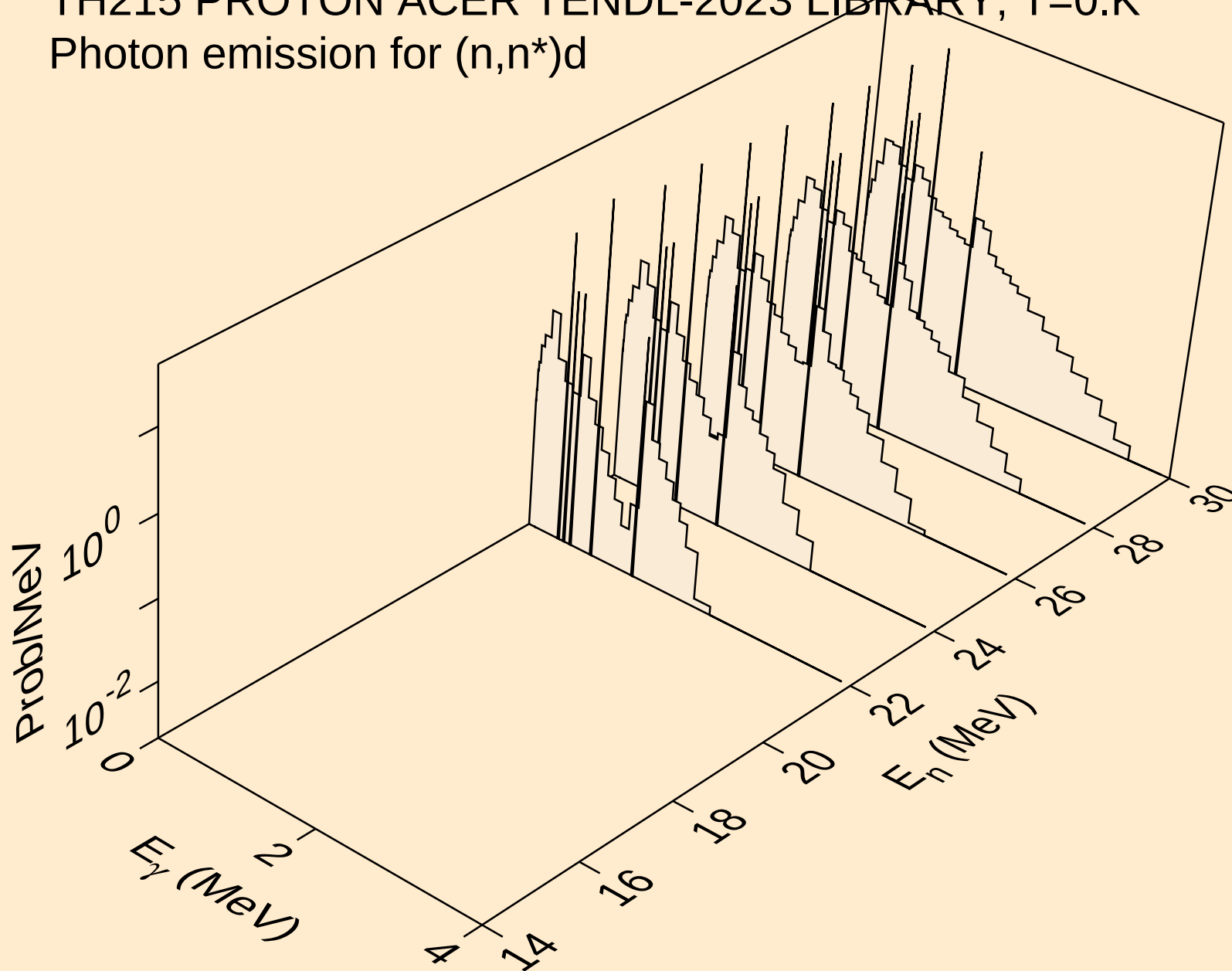
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for $(n,n^*)2a$



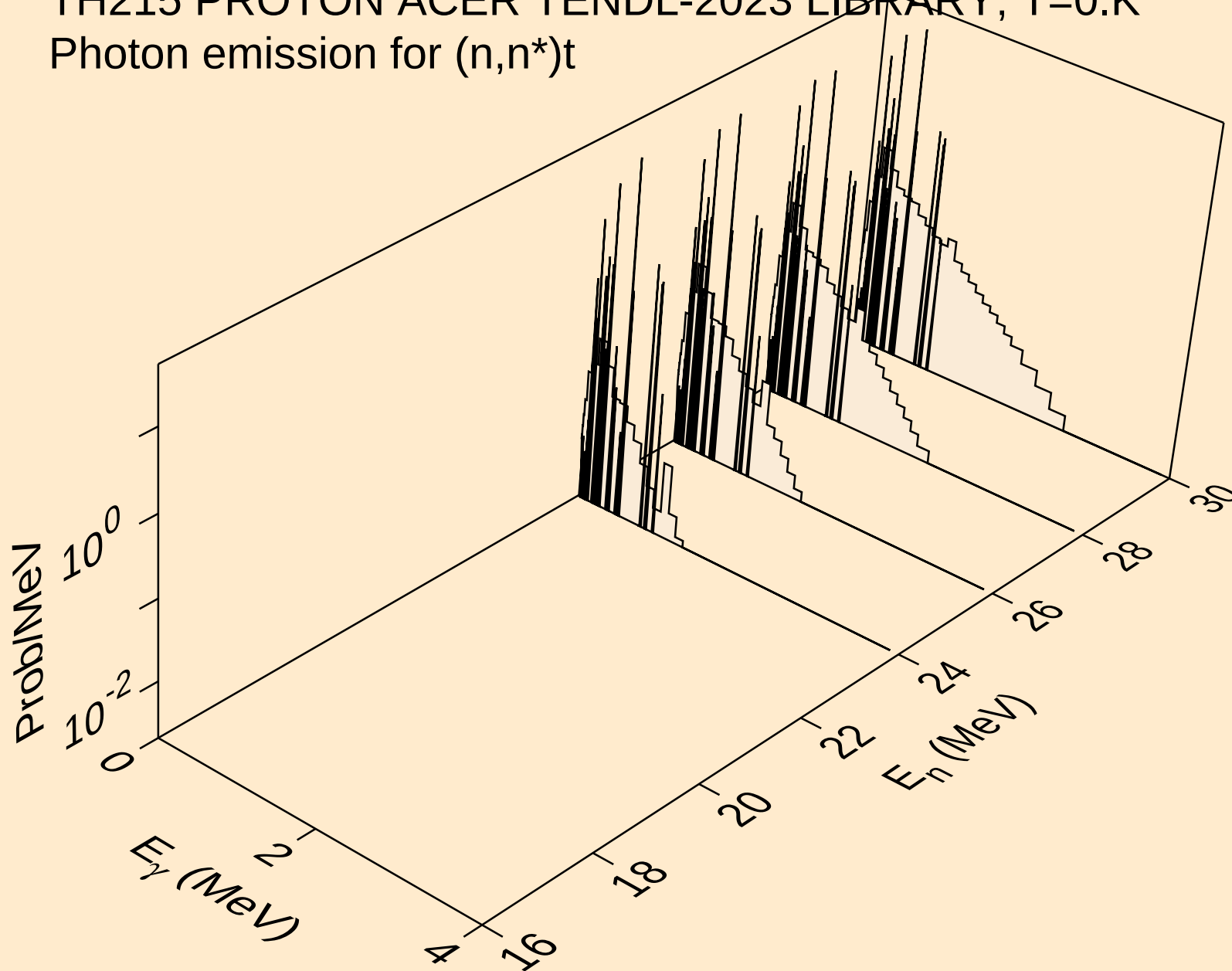
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

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



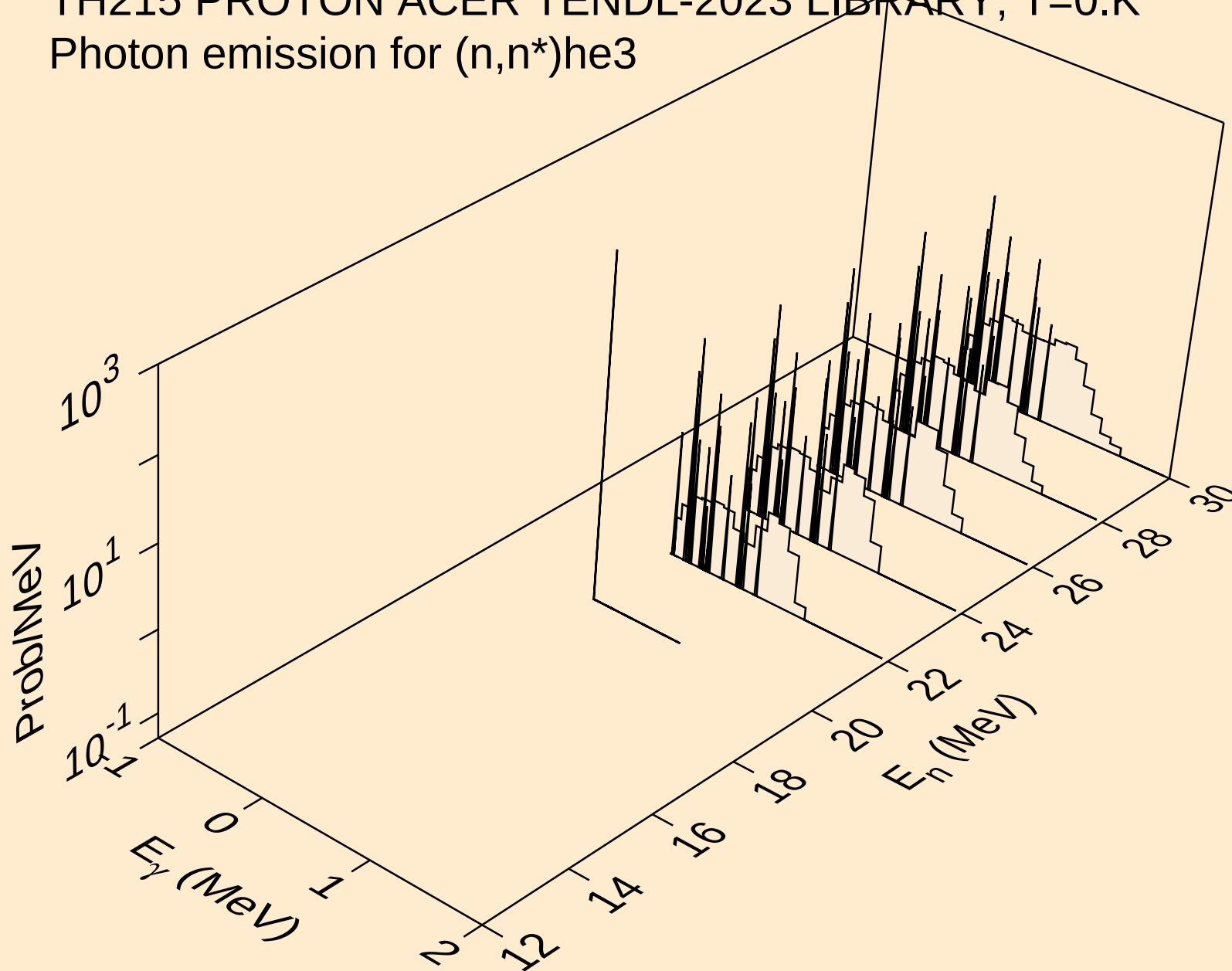
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

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

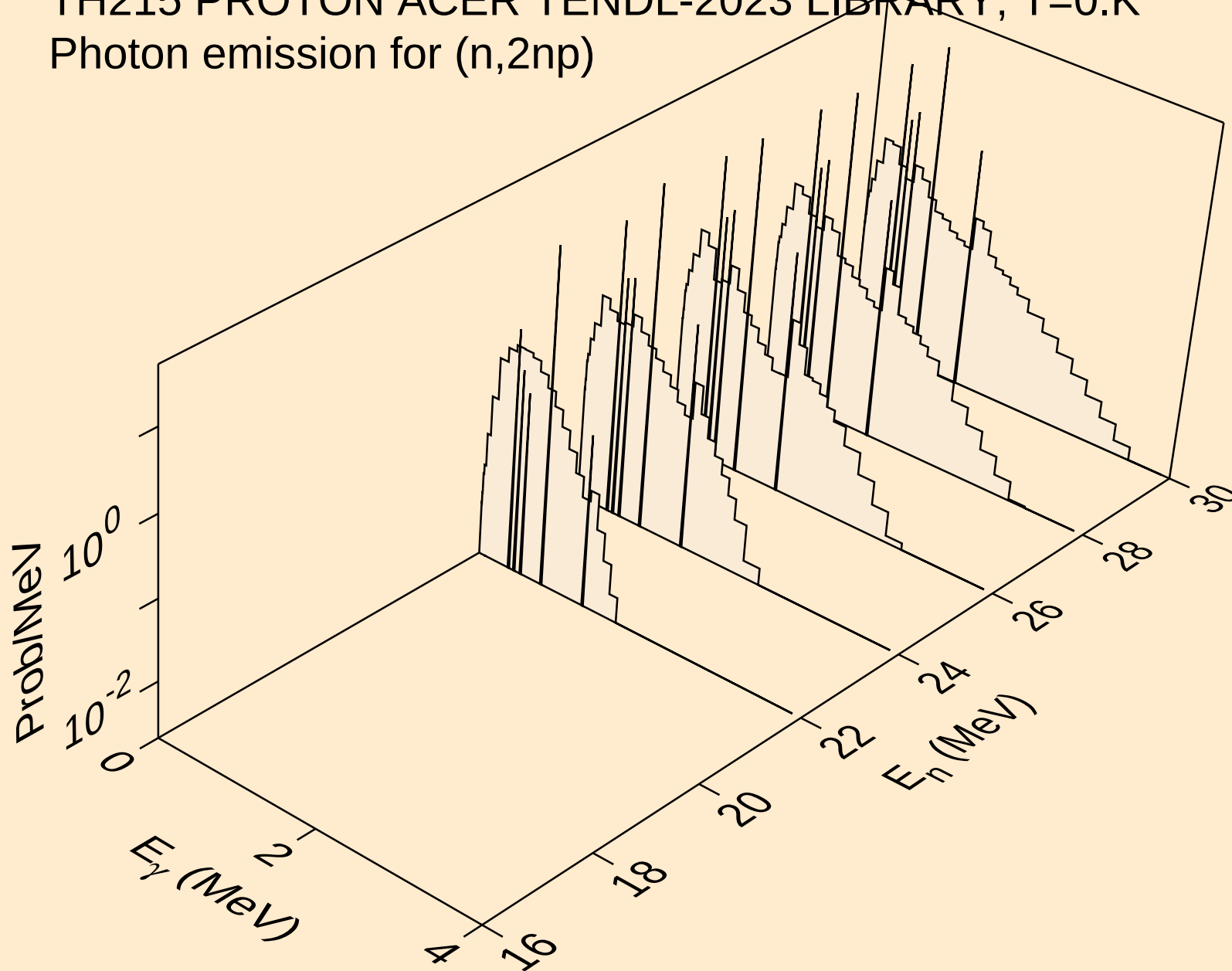


TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

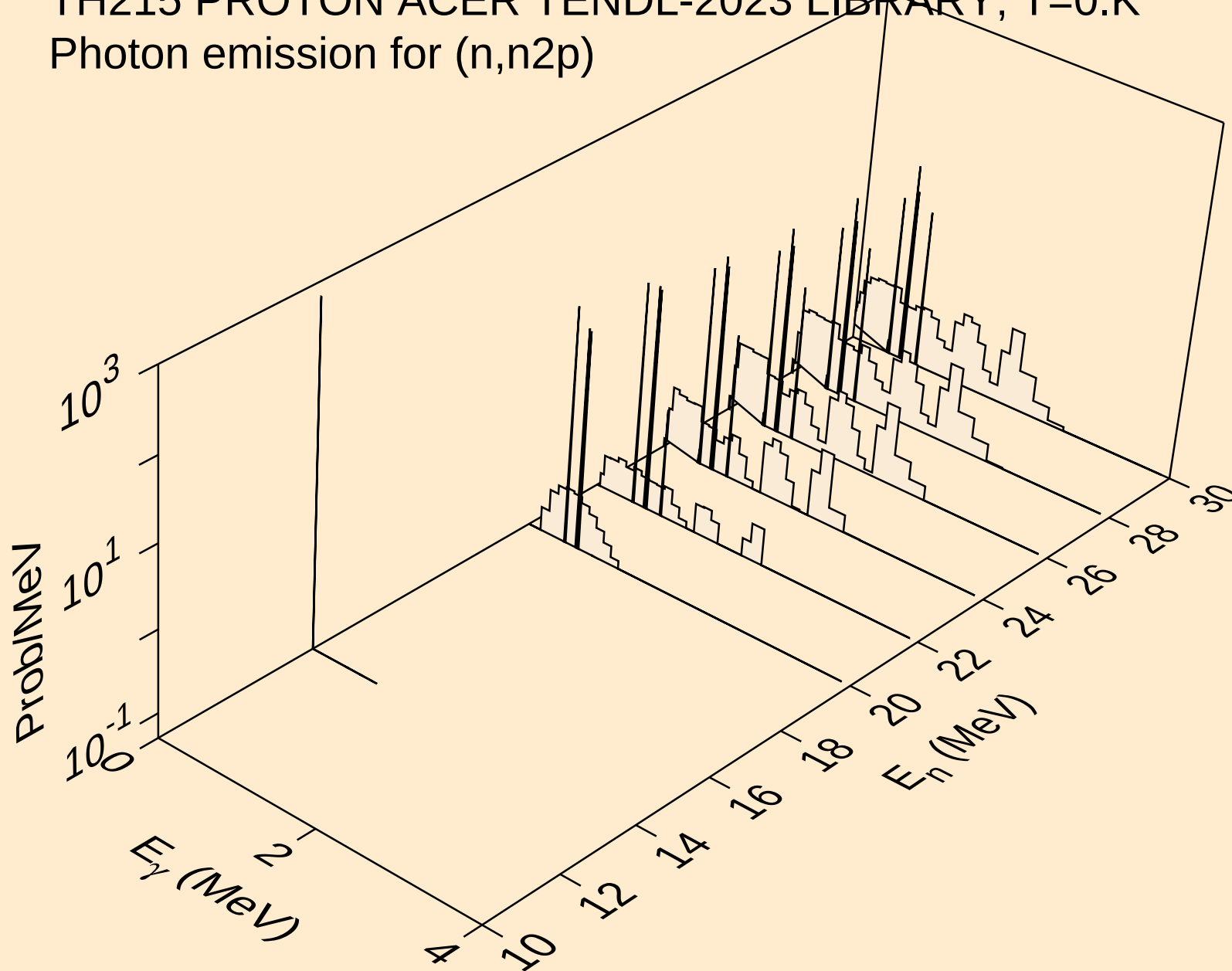
Photon emission for (n,n*)he3



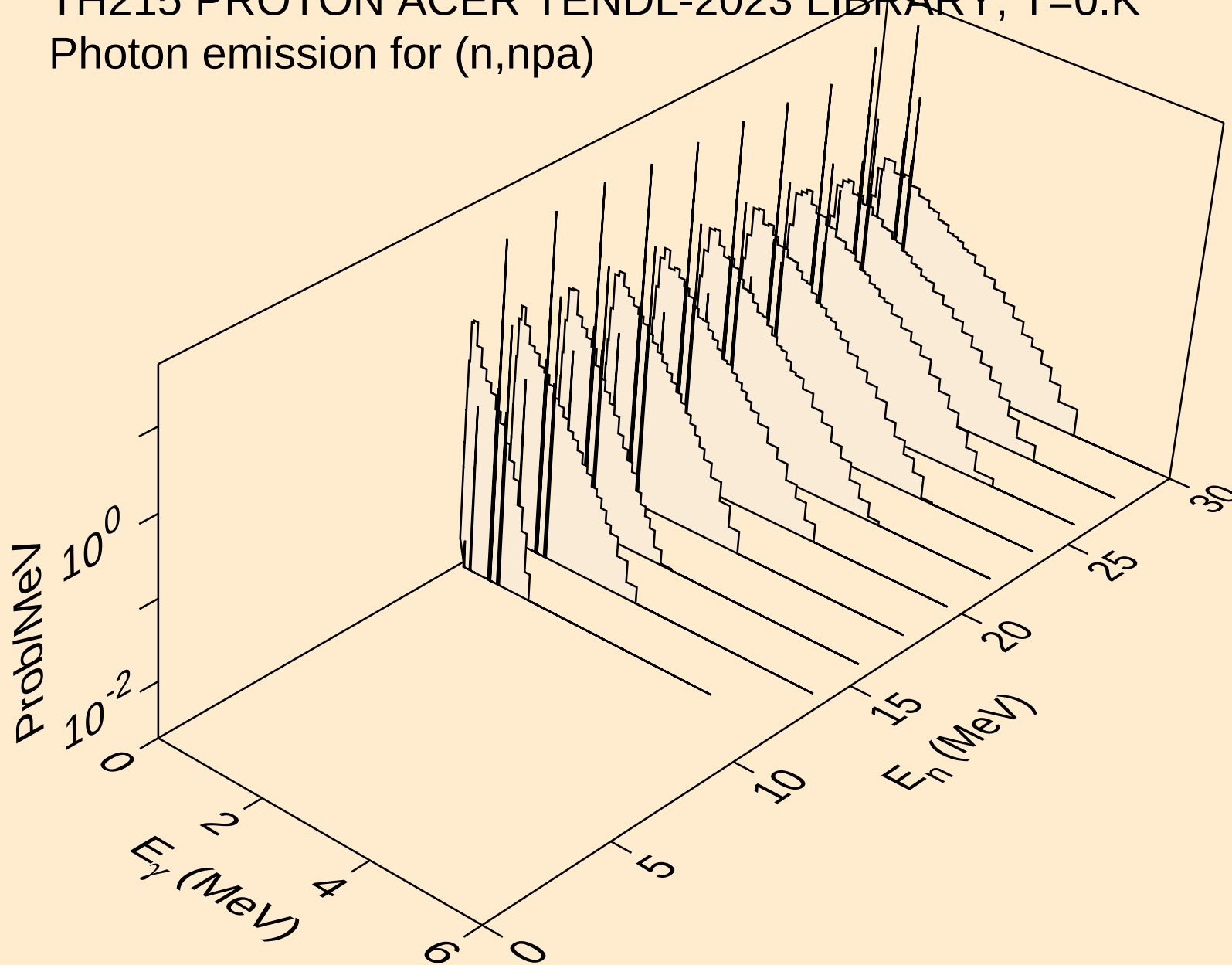
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2np)



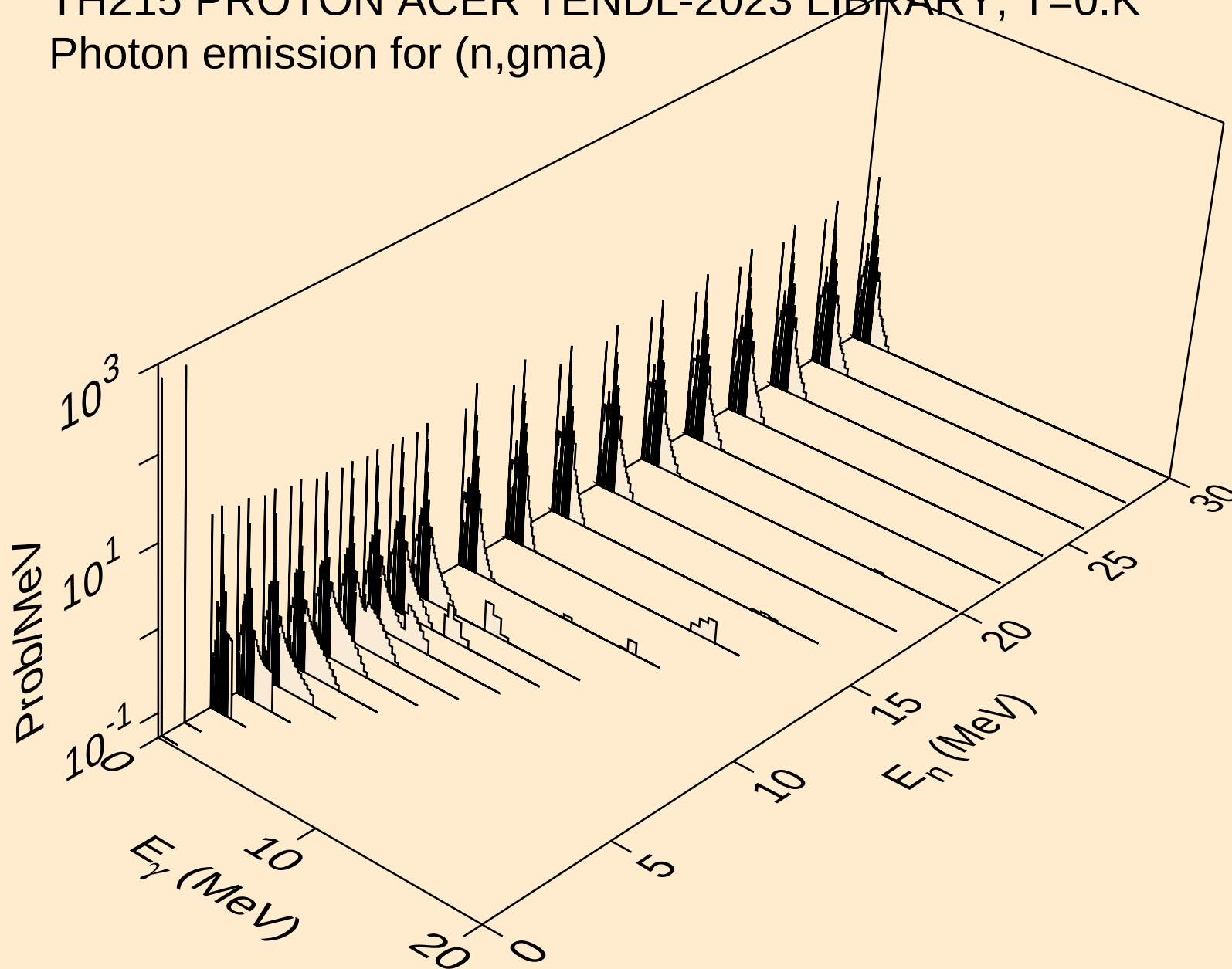
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n2p)



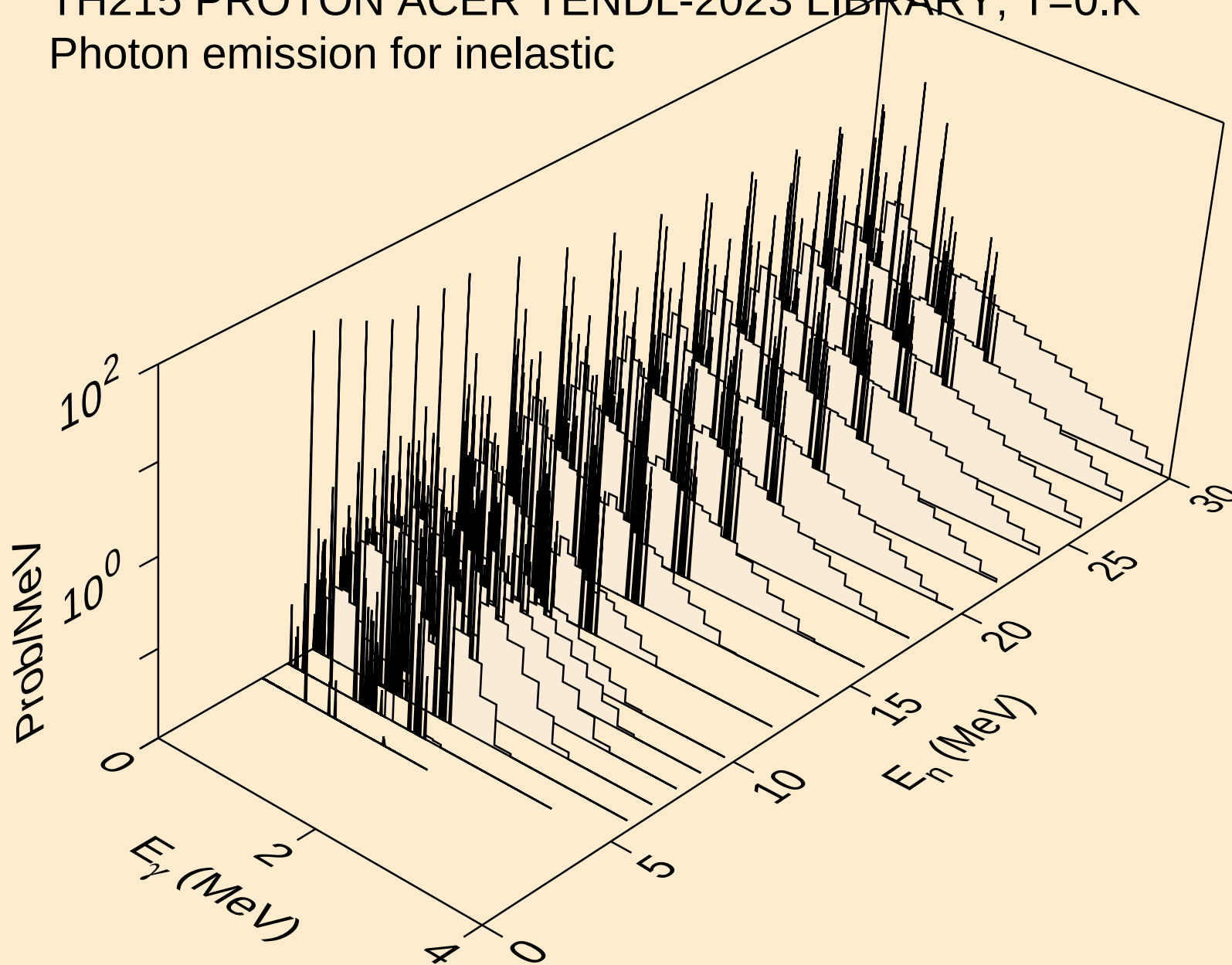
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,npa)



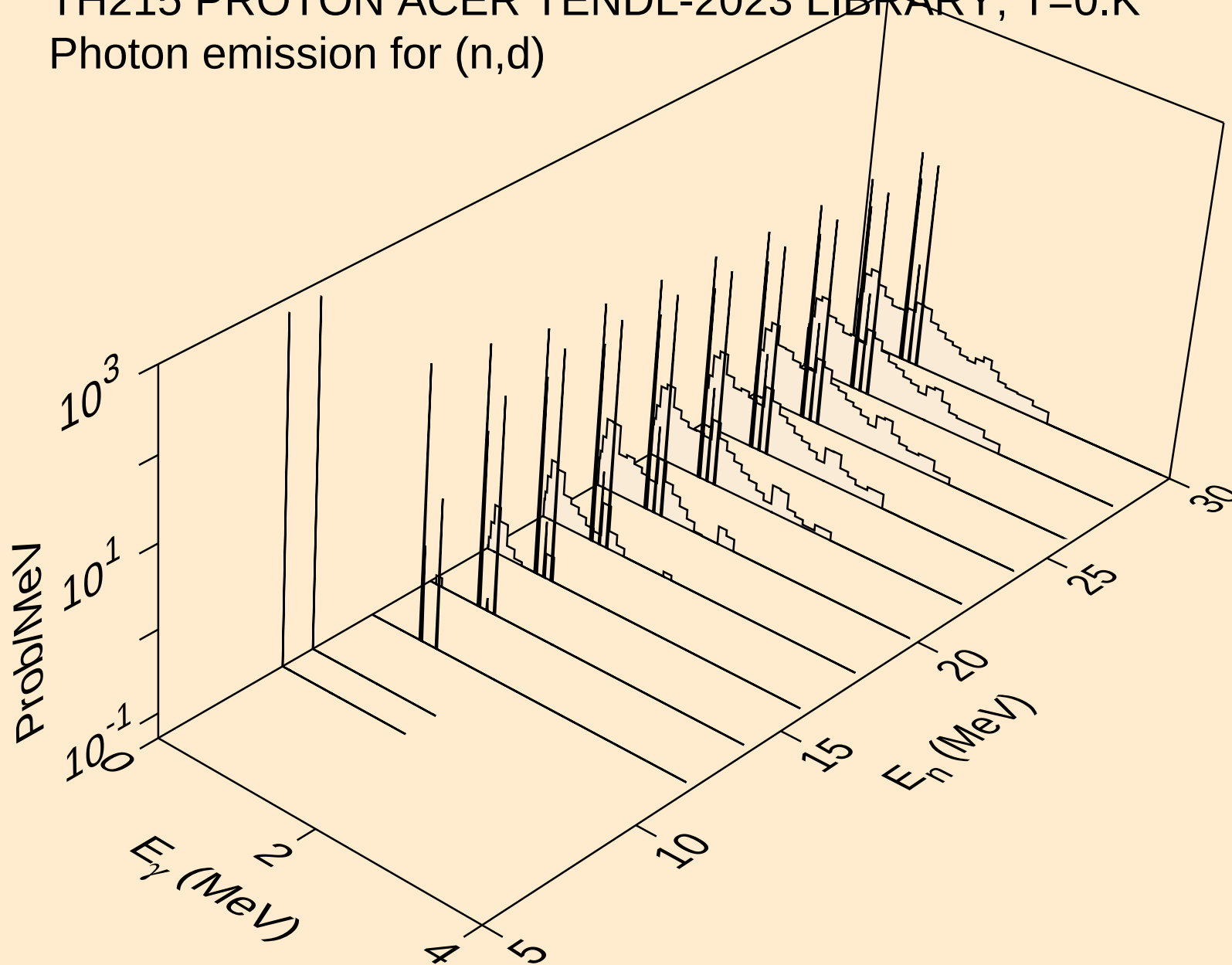
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,gma)



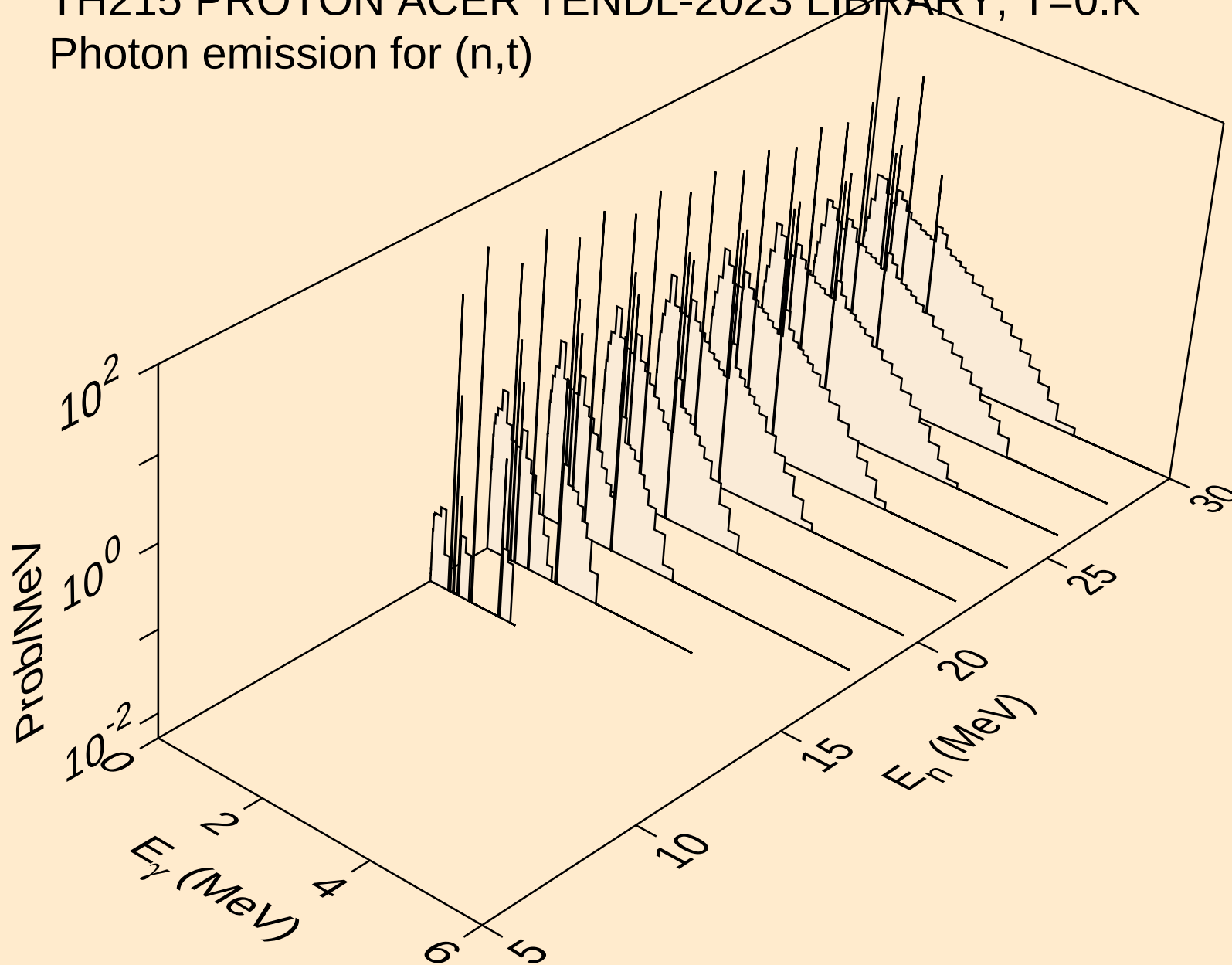
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for inelastic



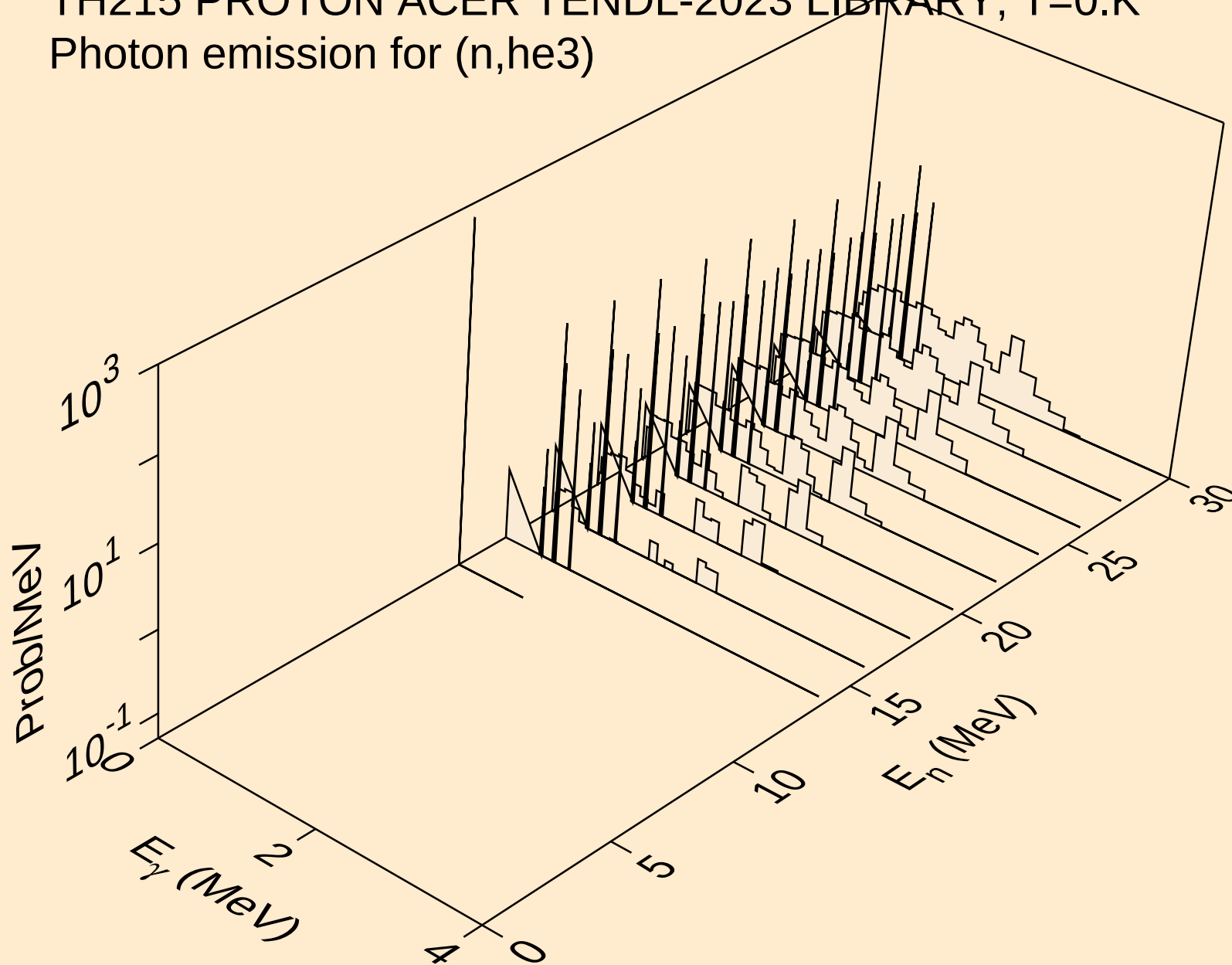
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,d)



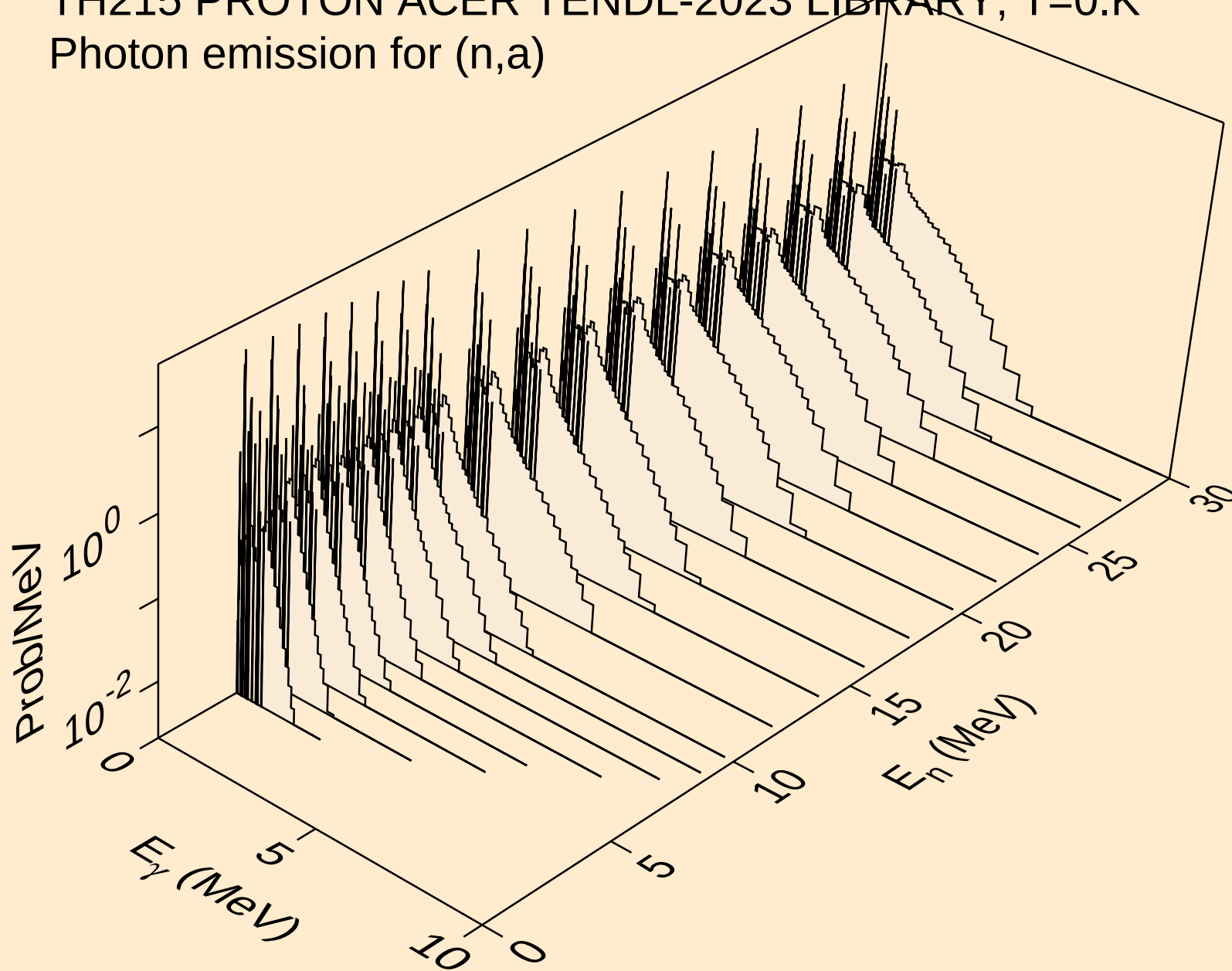
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,t)



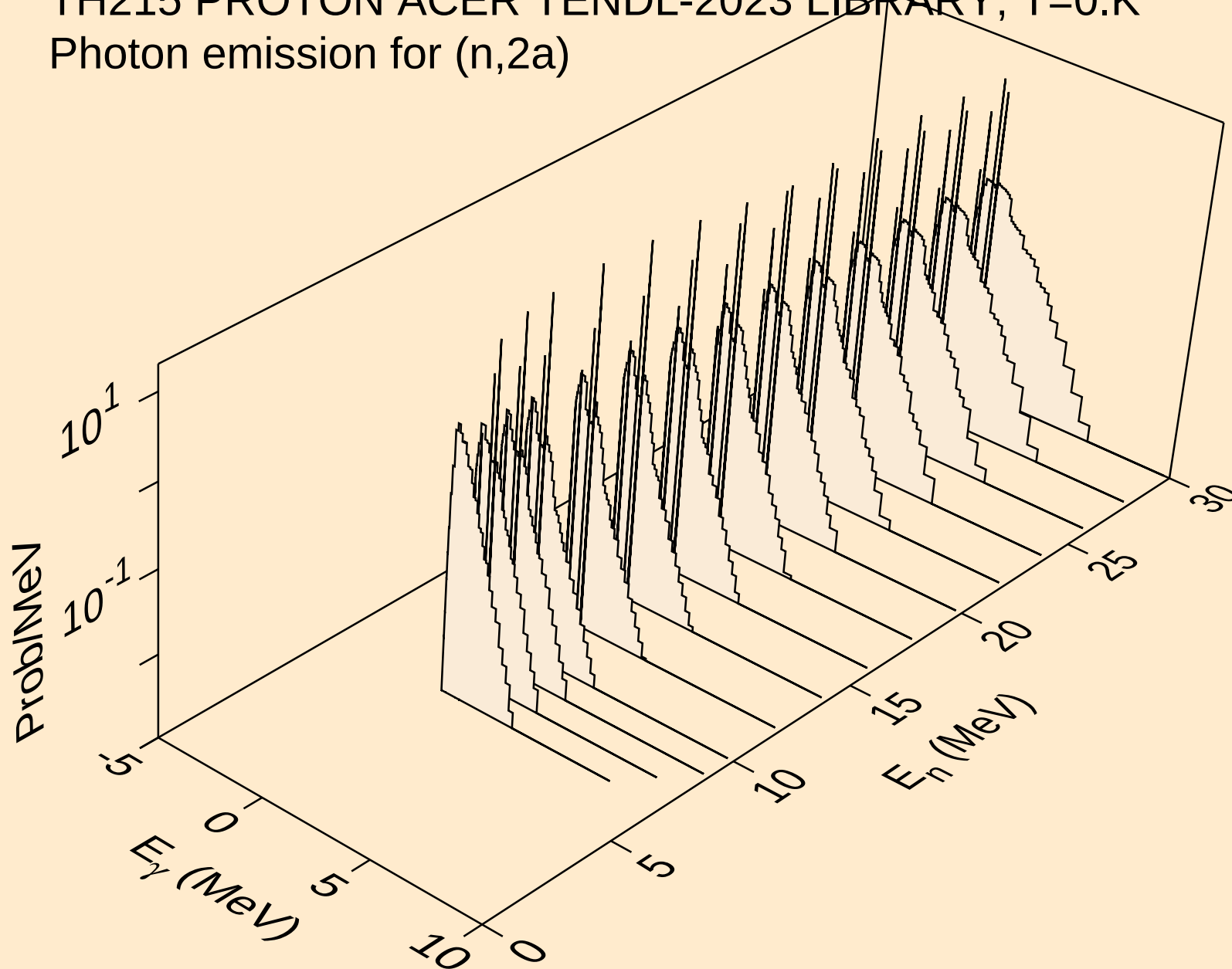
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,he3)



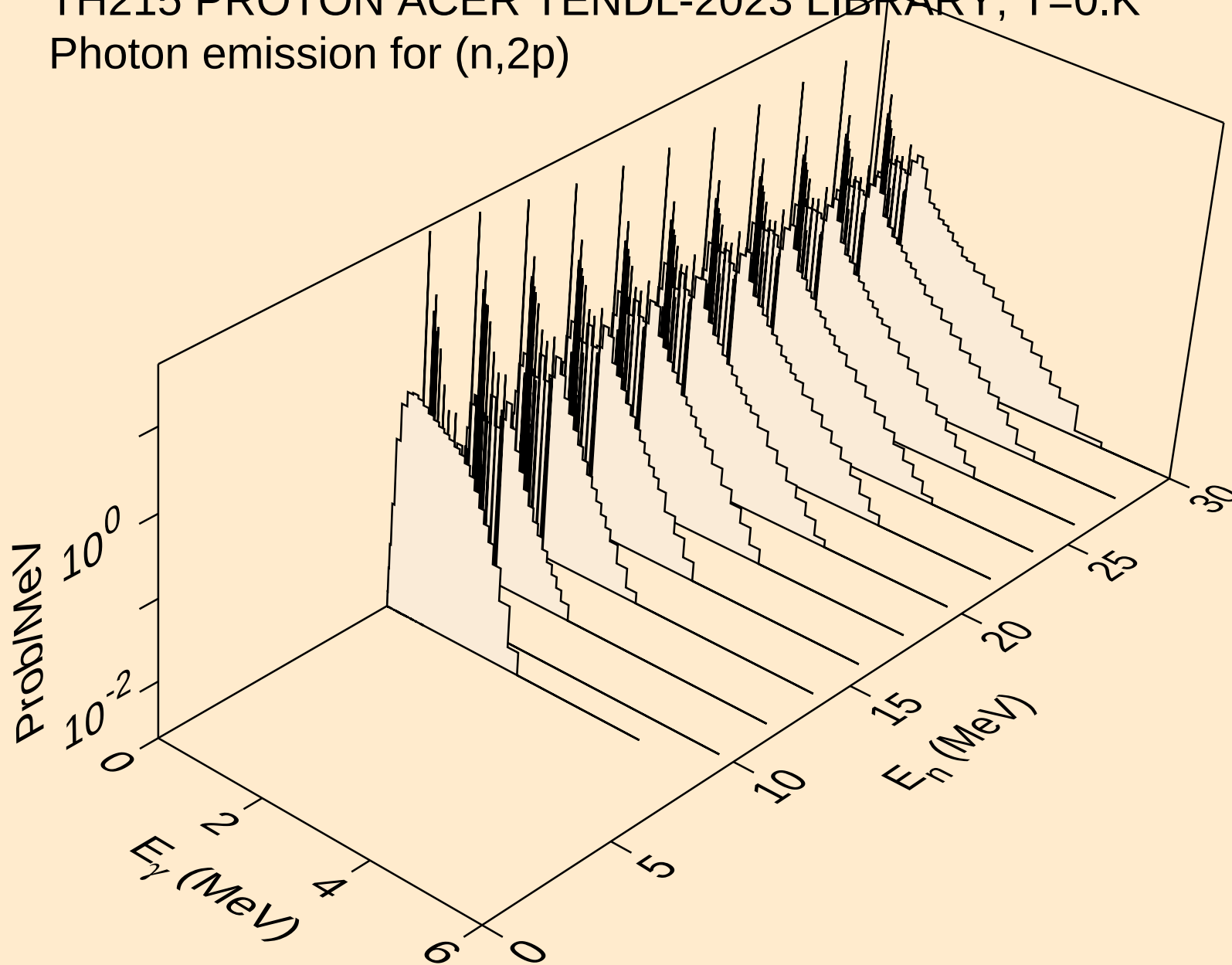
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,a)



TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2a)

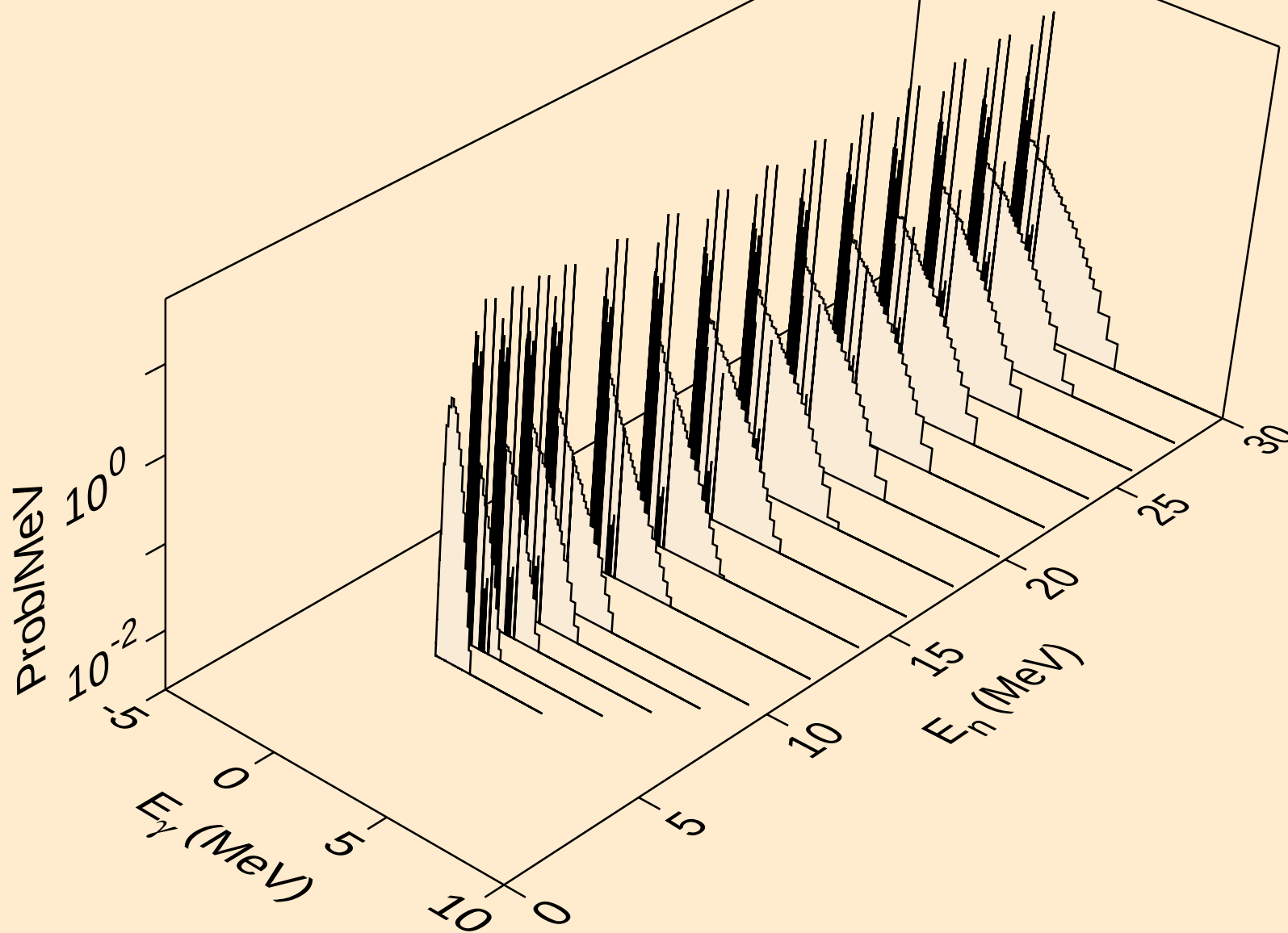


TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2p)



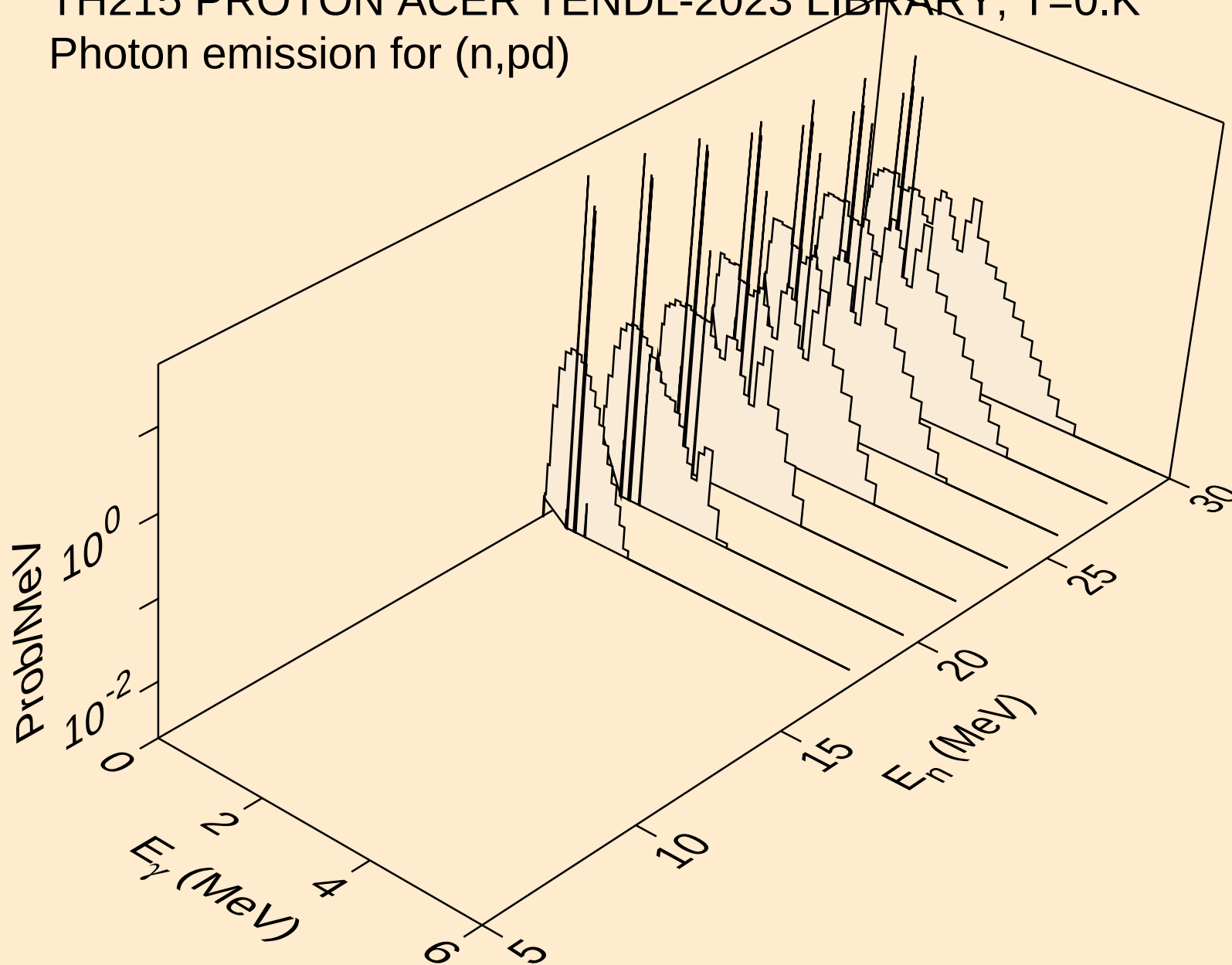
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,p α)



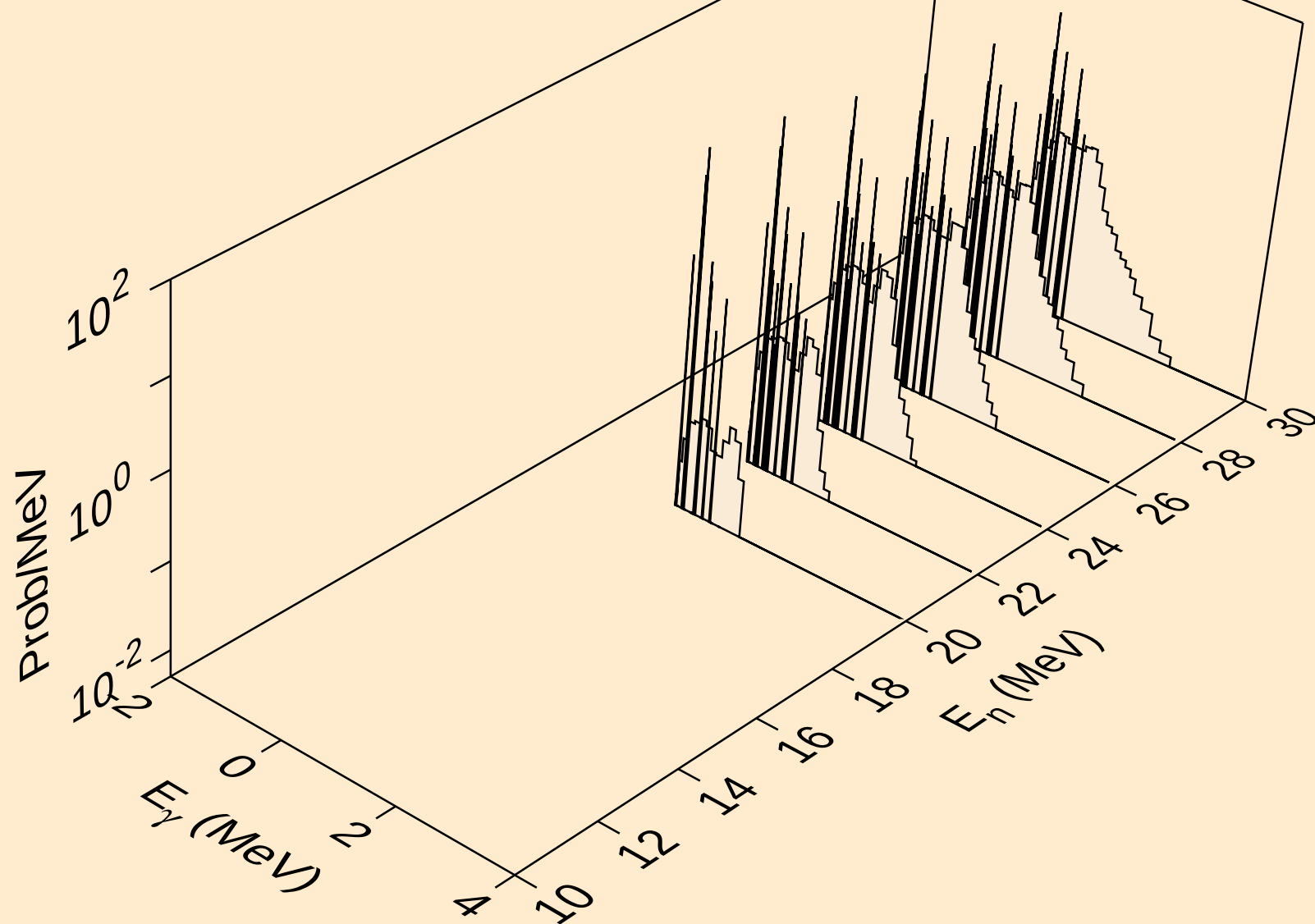
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for (n,pd)

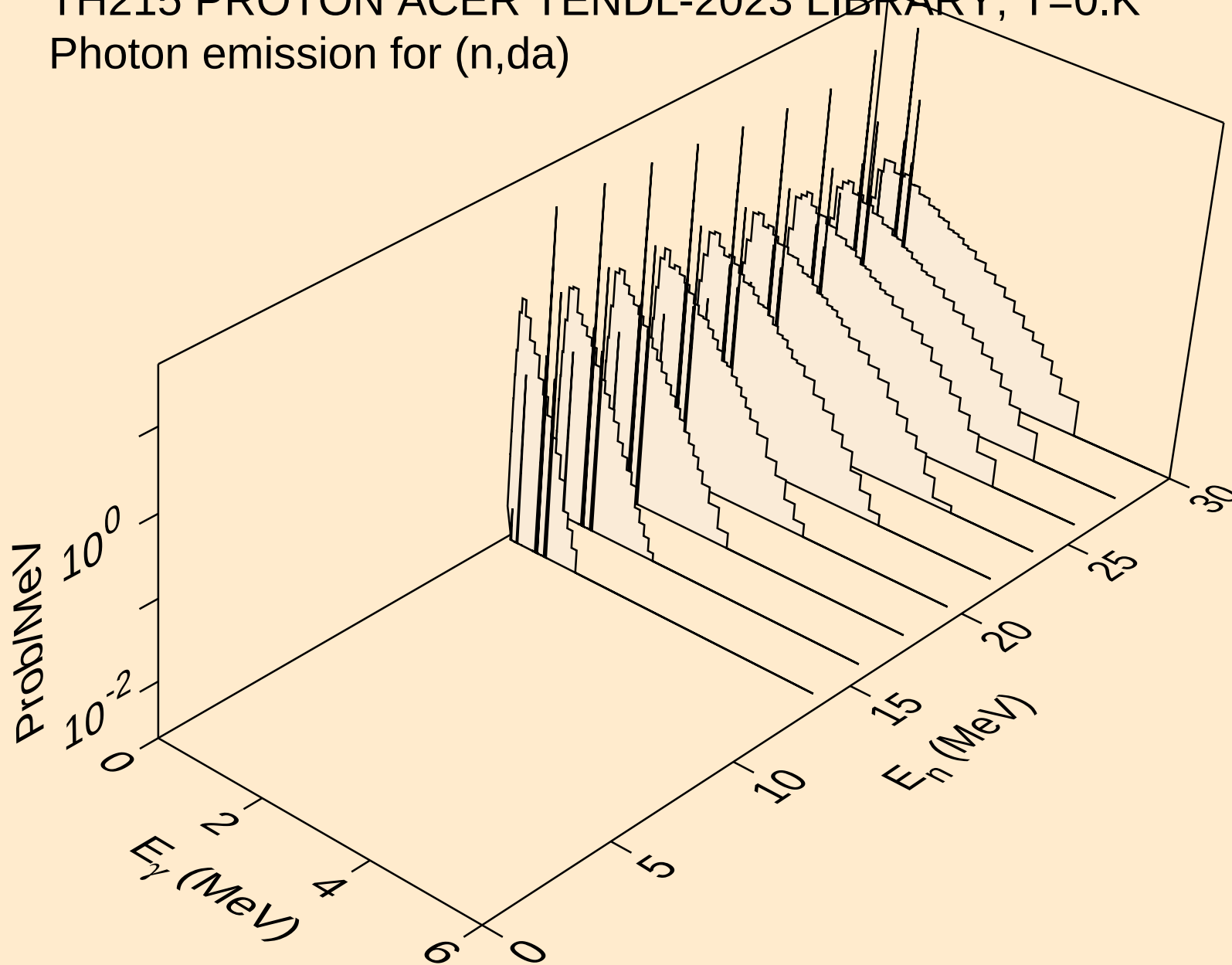


TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for (n,pt)

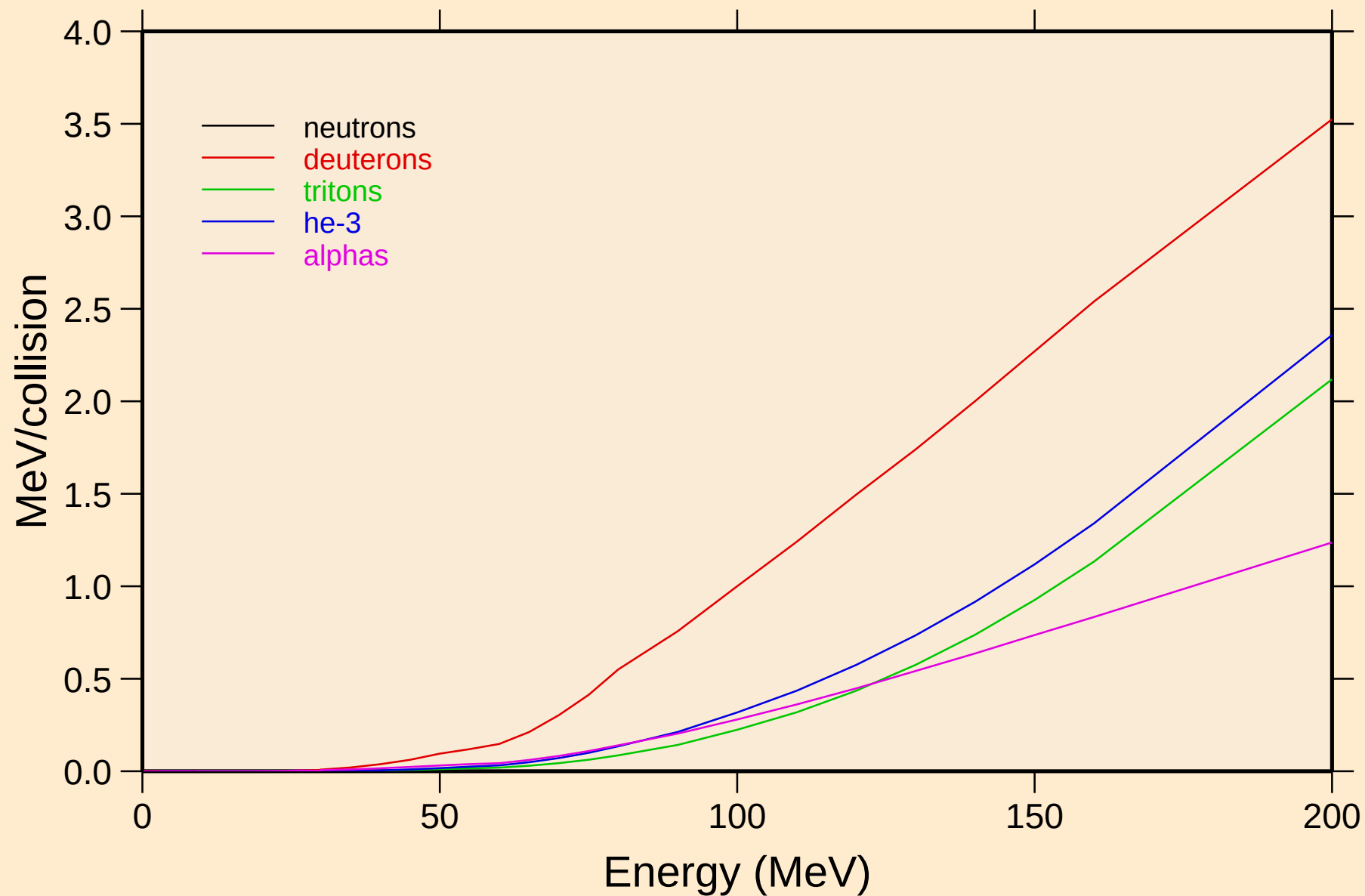


TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,da)



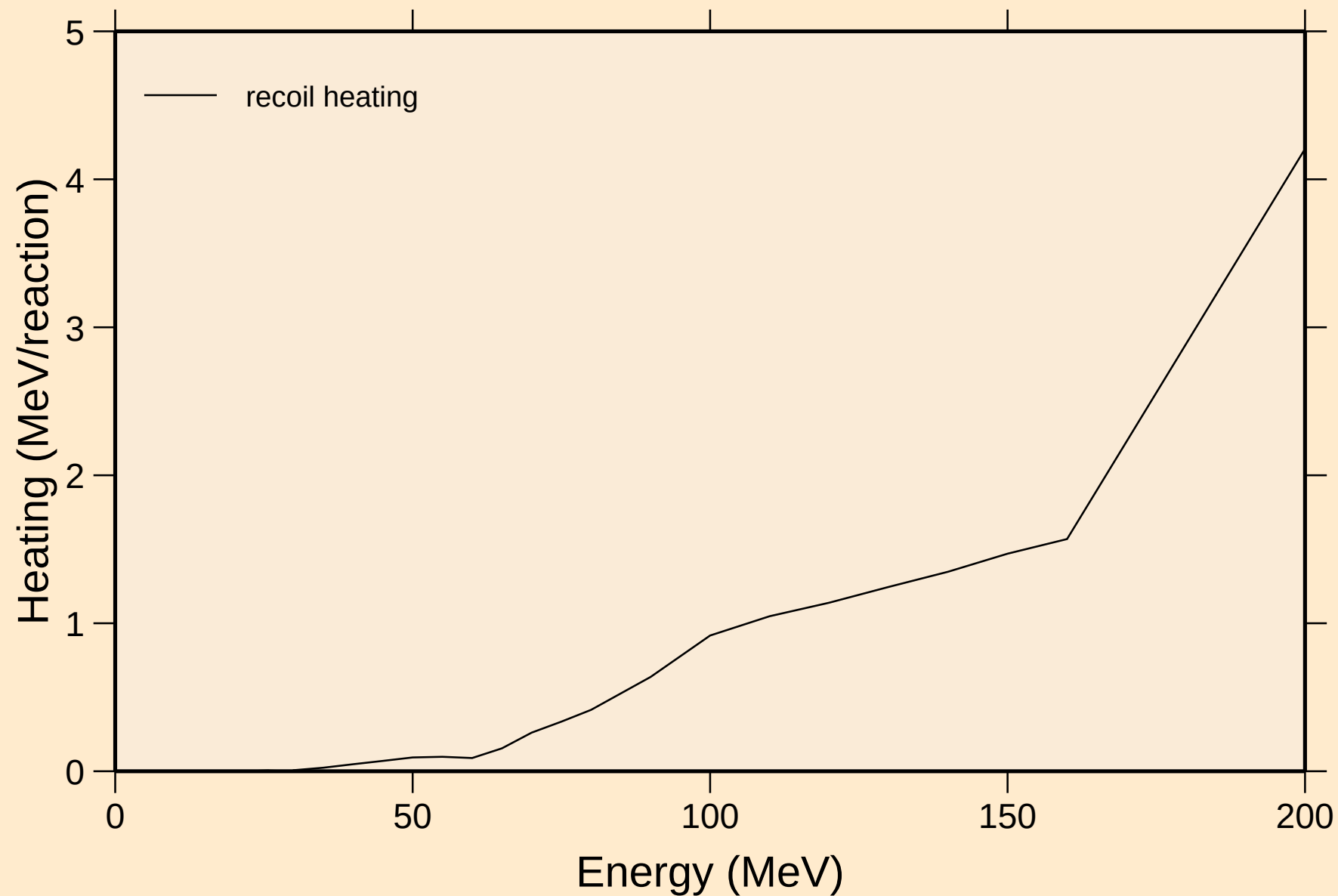
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



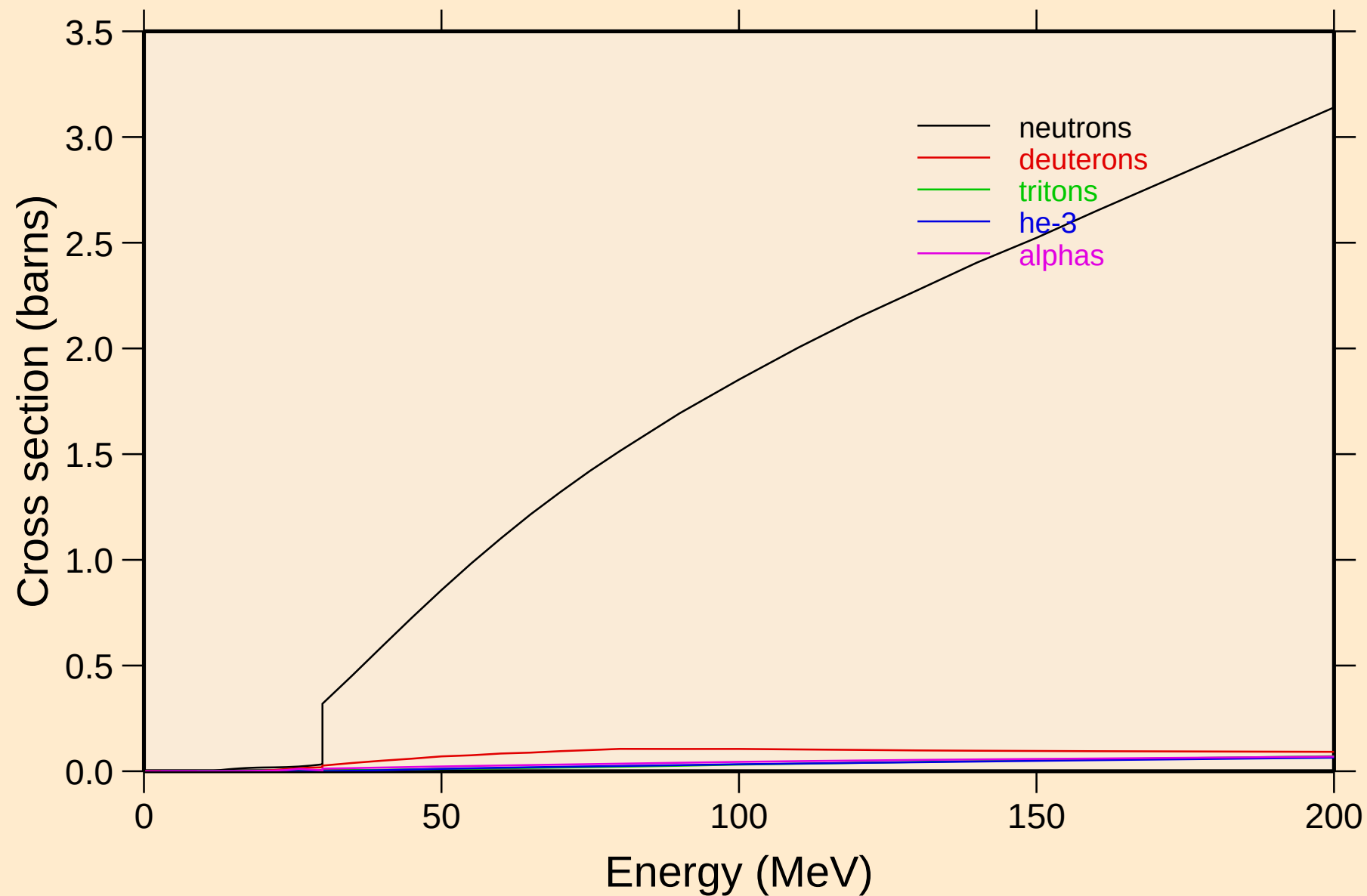
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

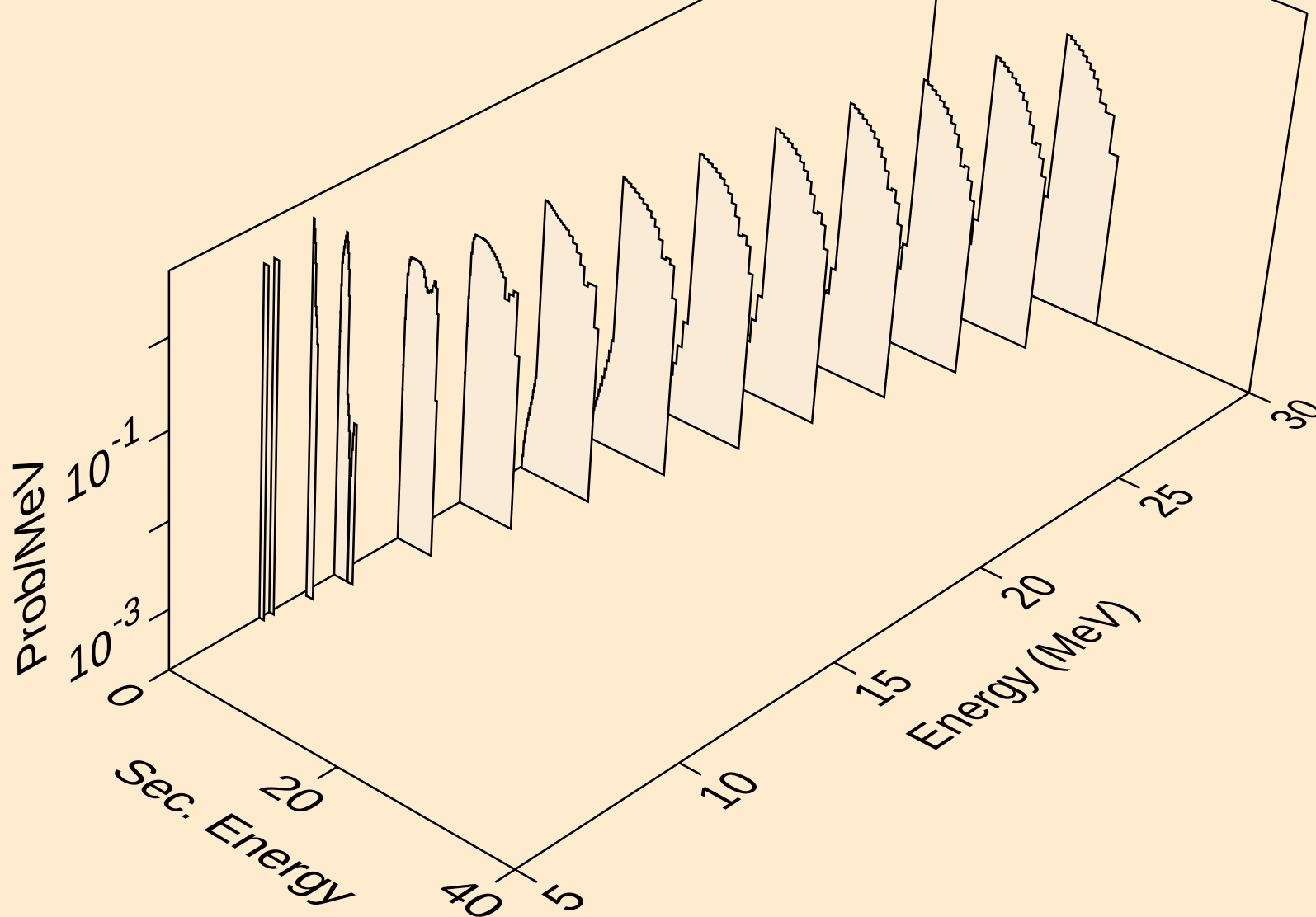


TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K

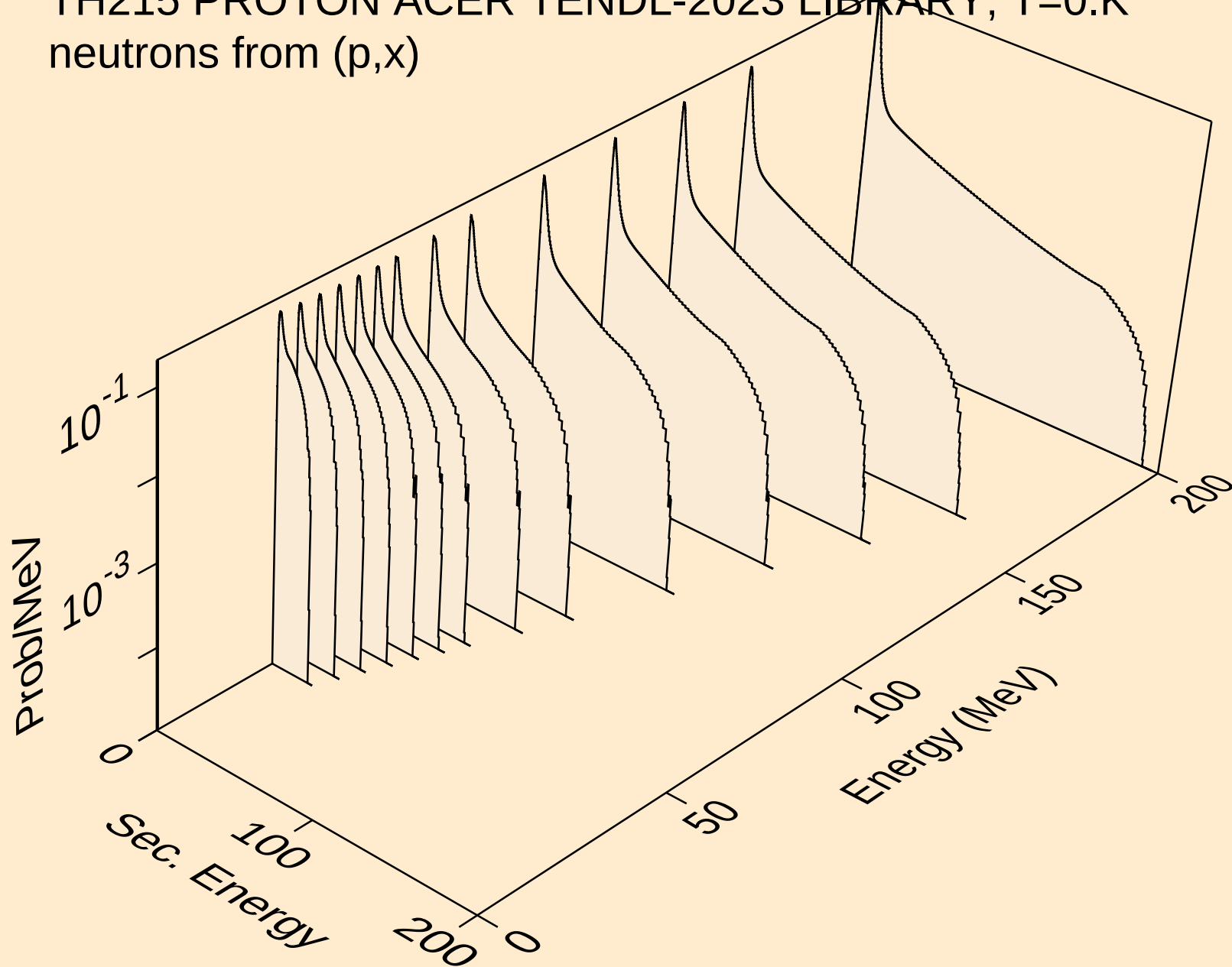
Particle production cross sections



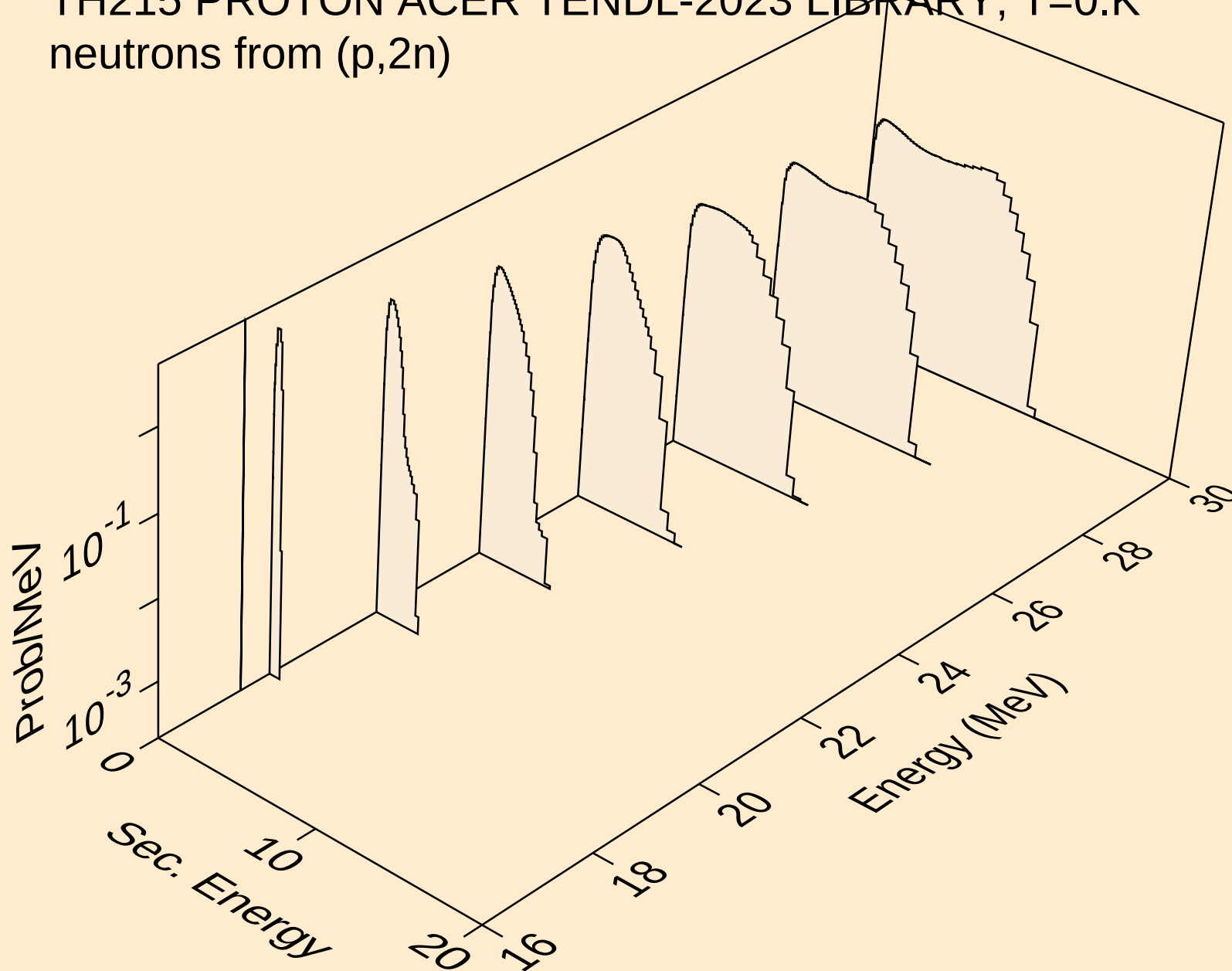
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



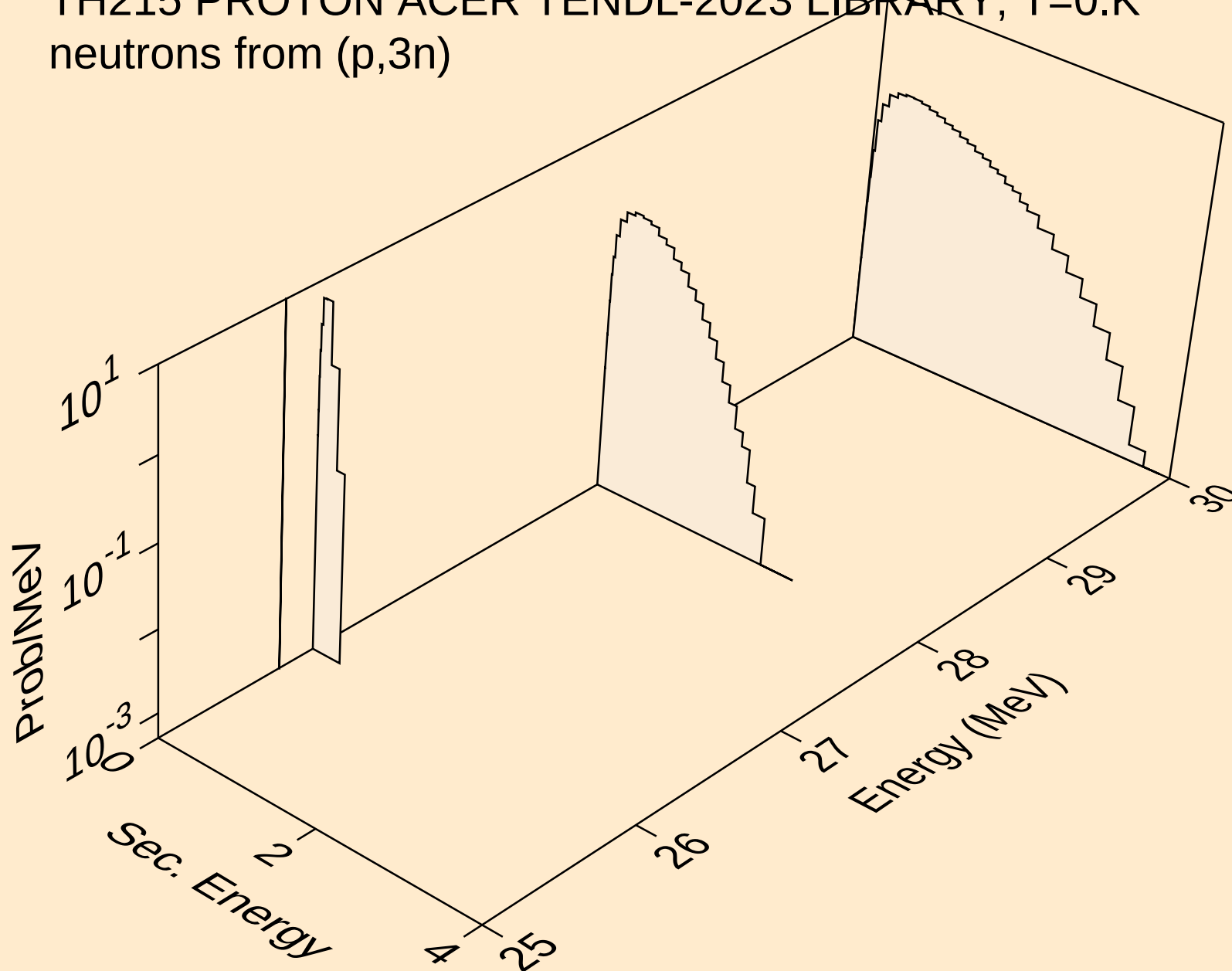
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



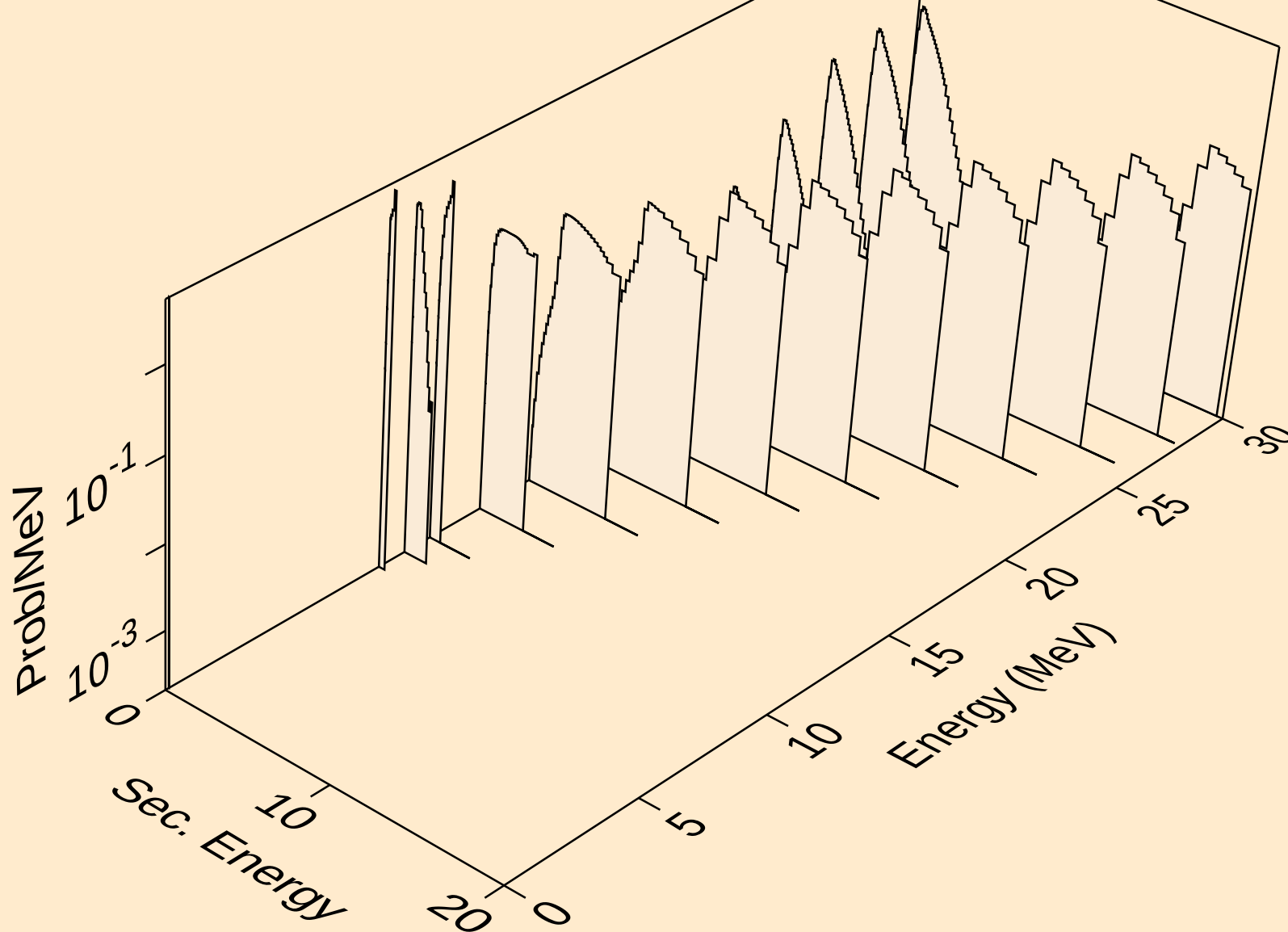
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



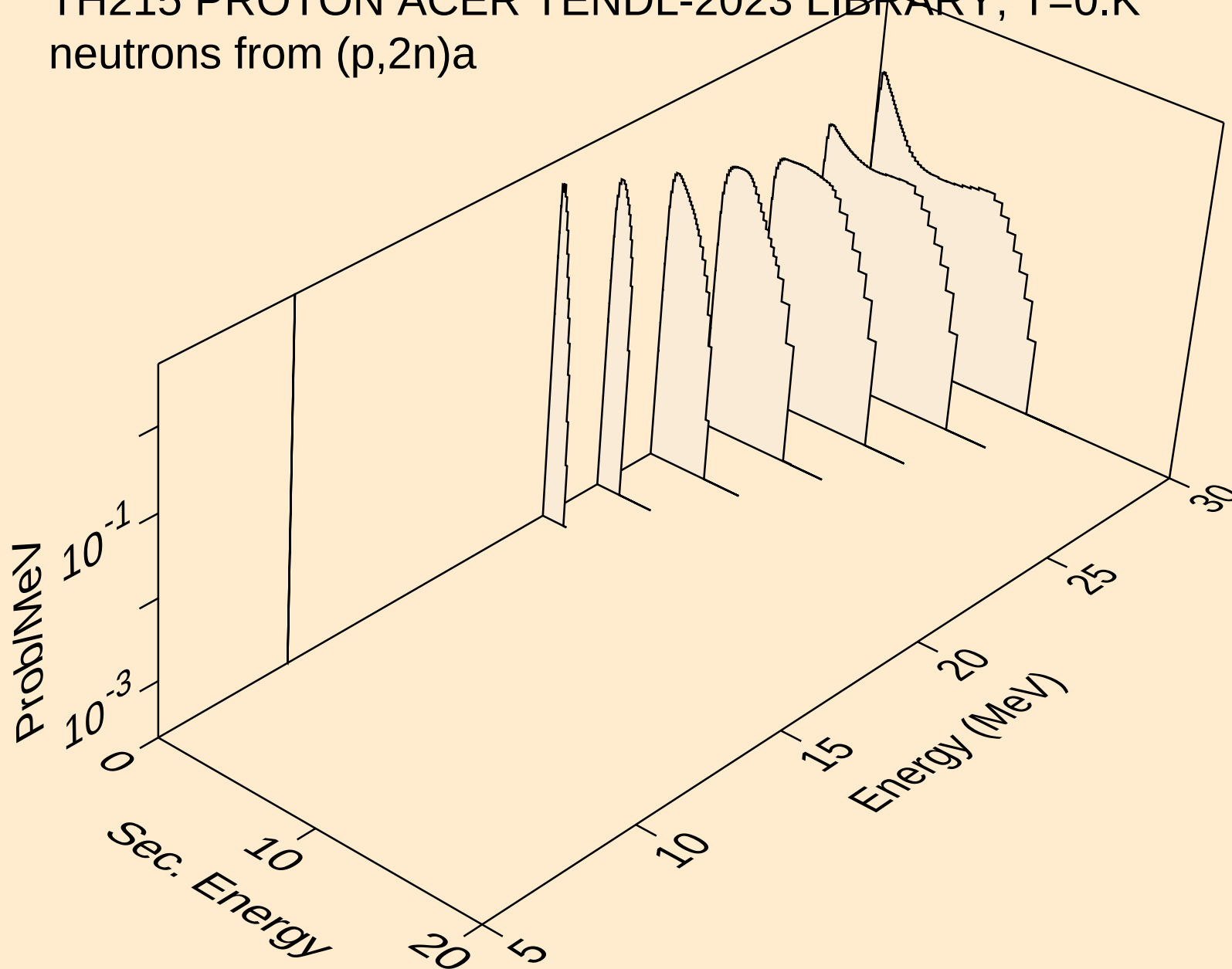
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



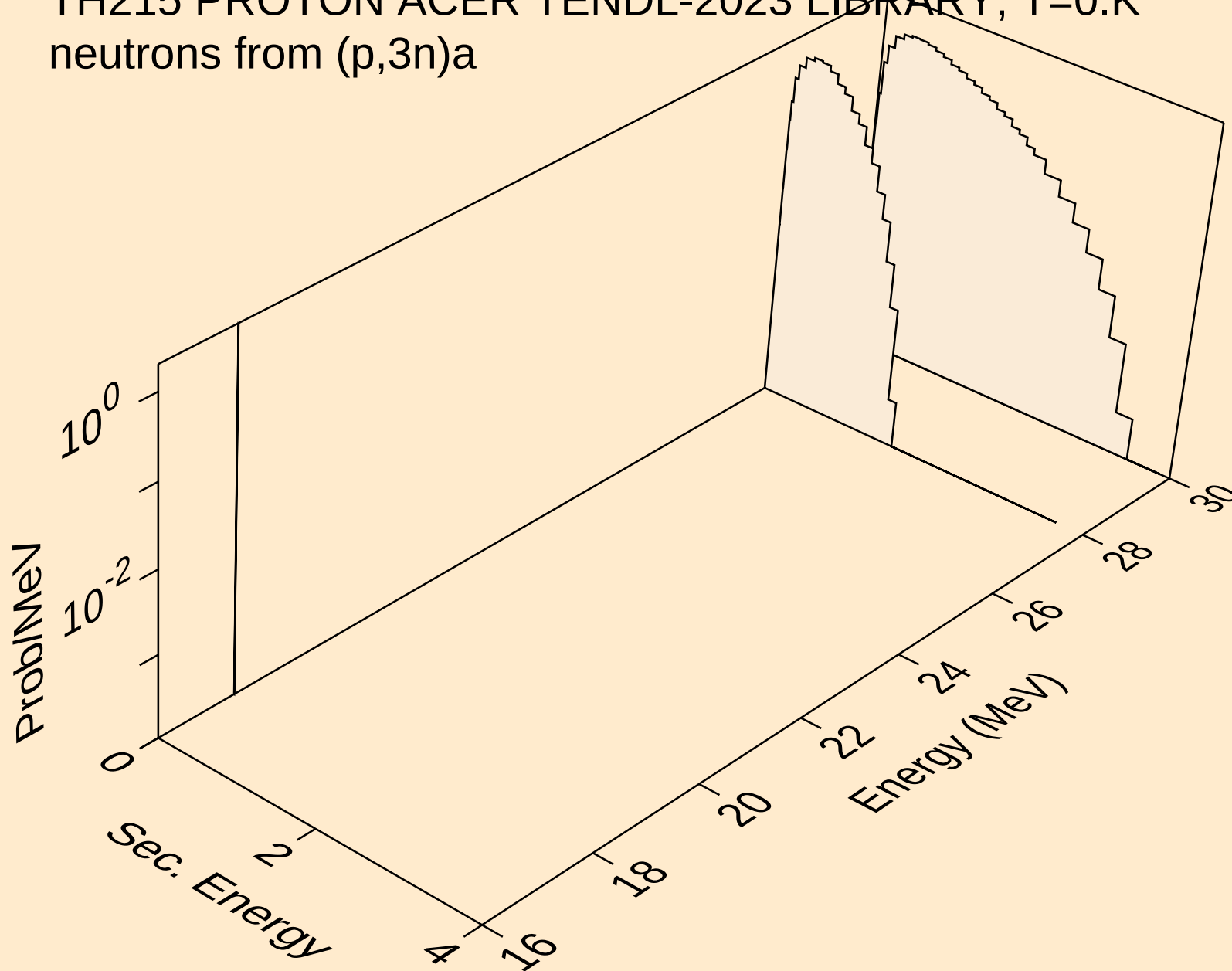
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)a$



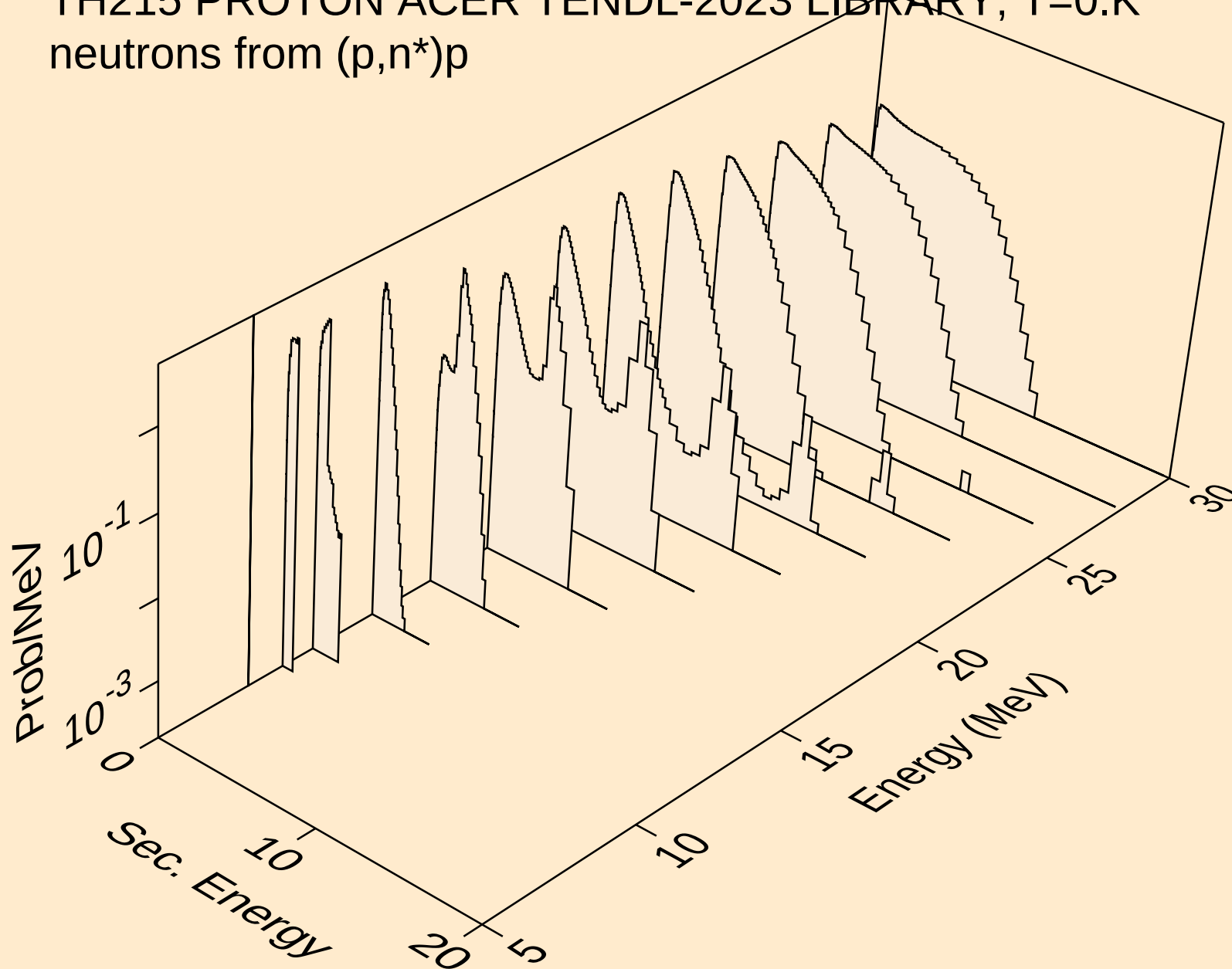
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



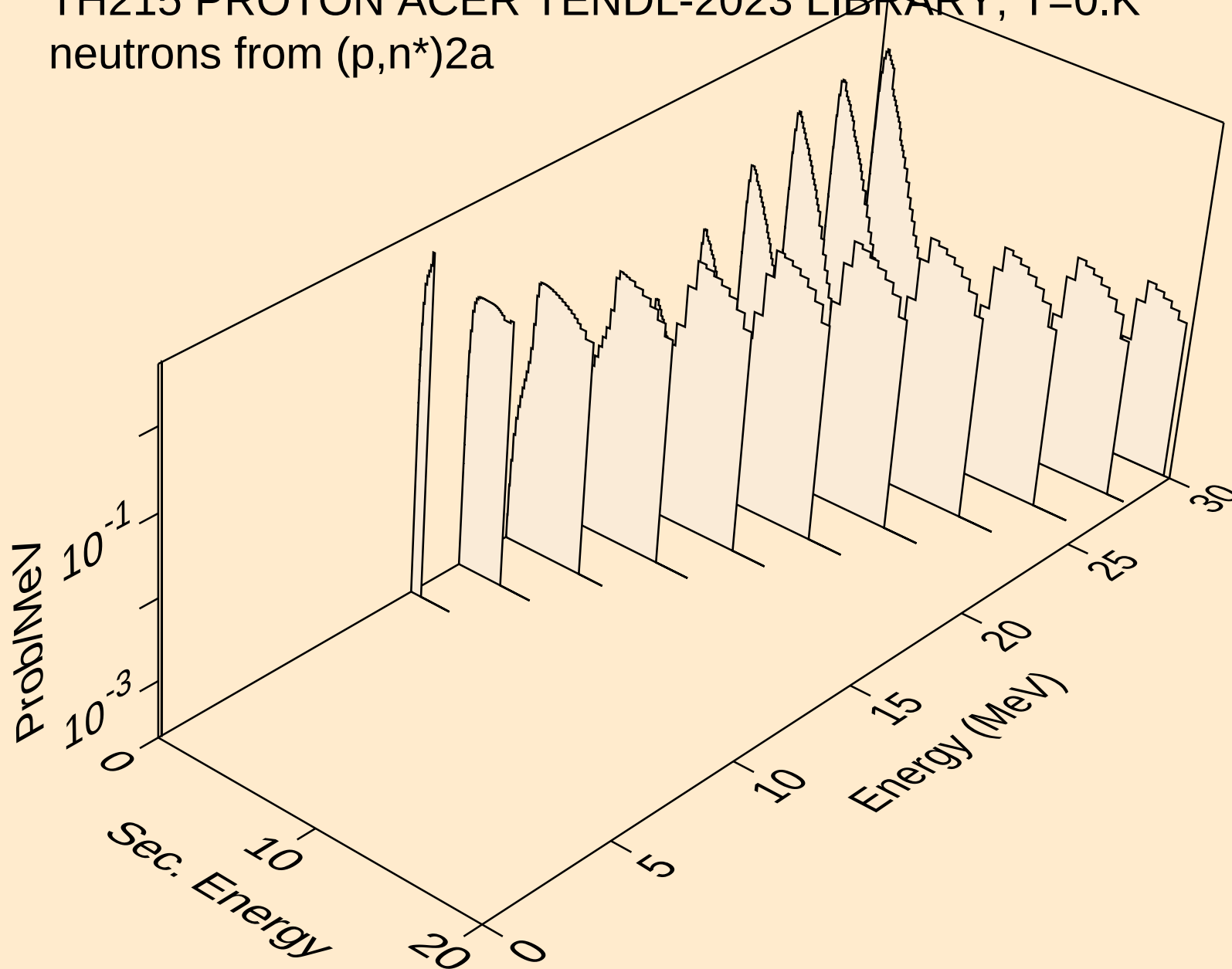
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)a



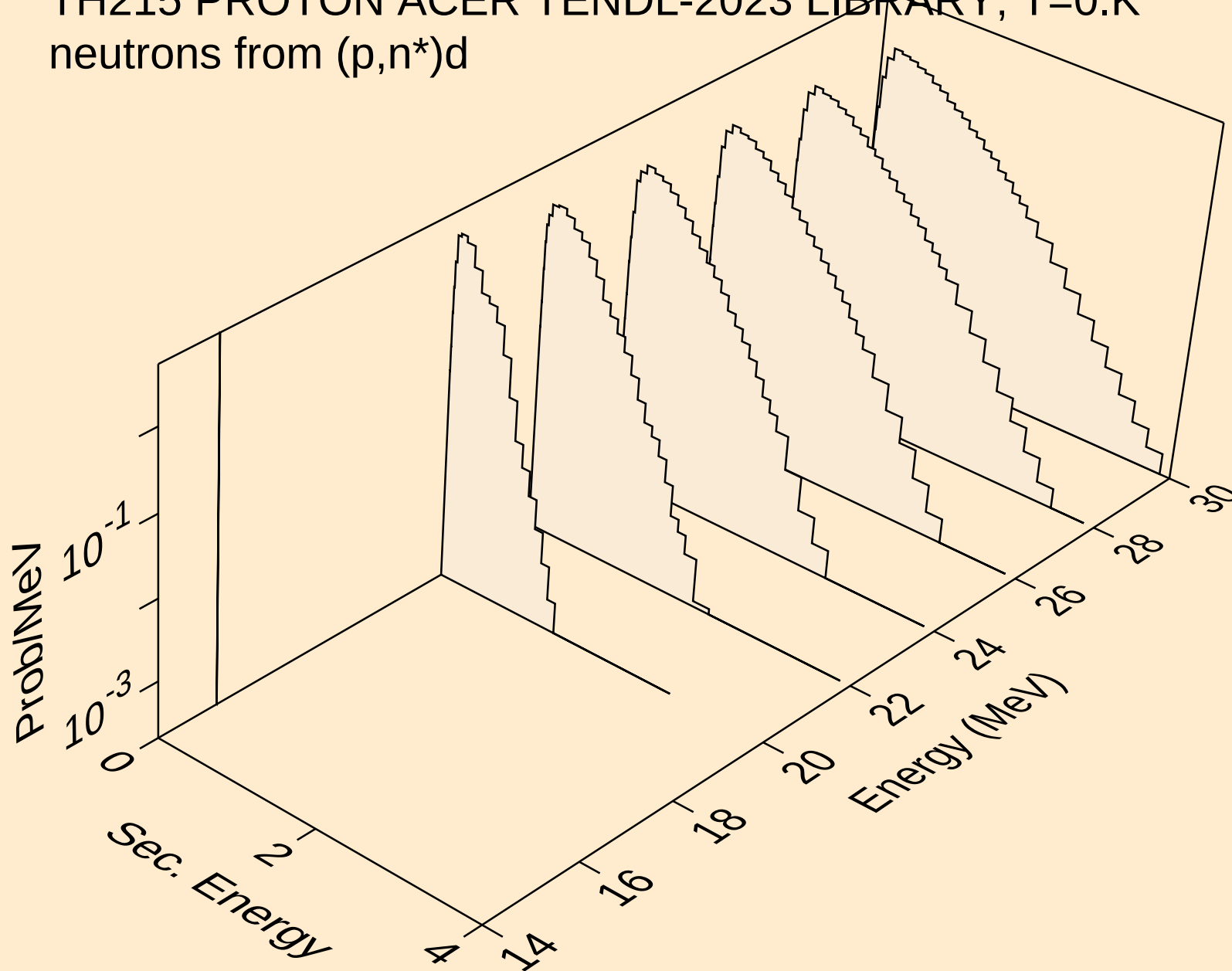
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)p



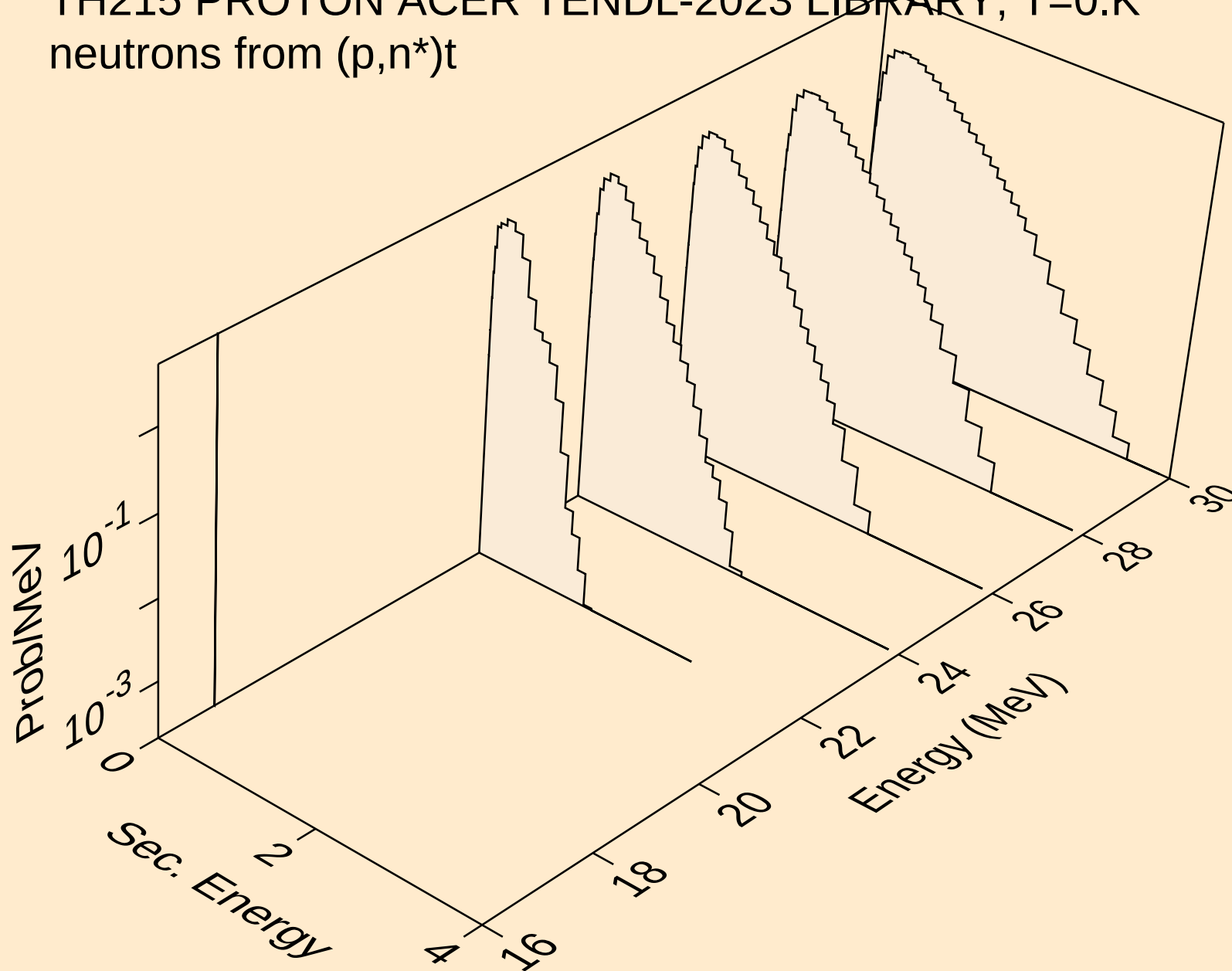
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)2a



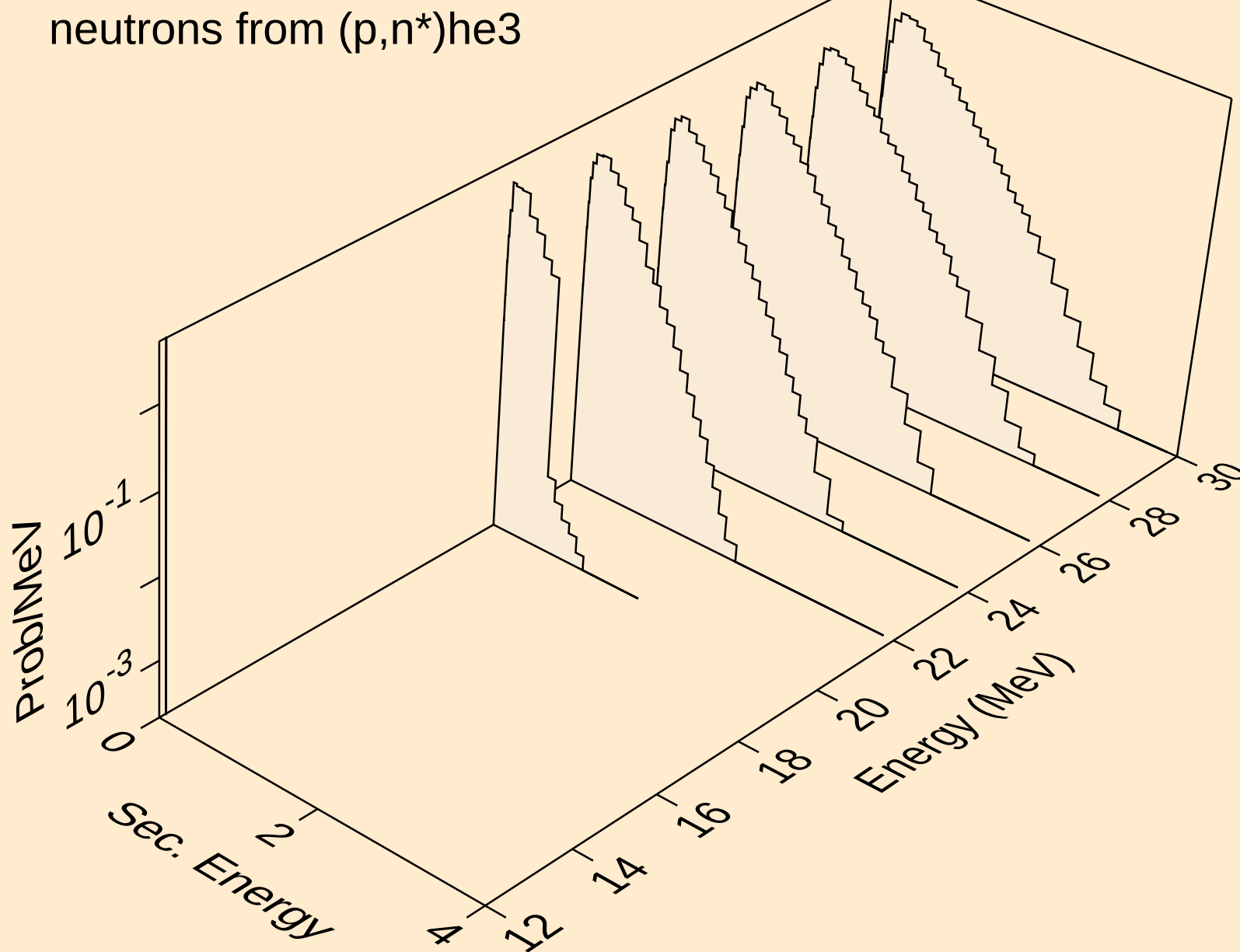
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)d



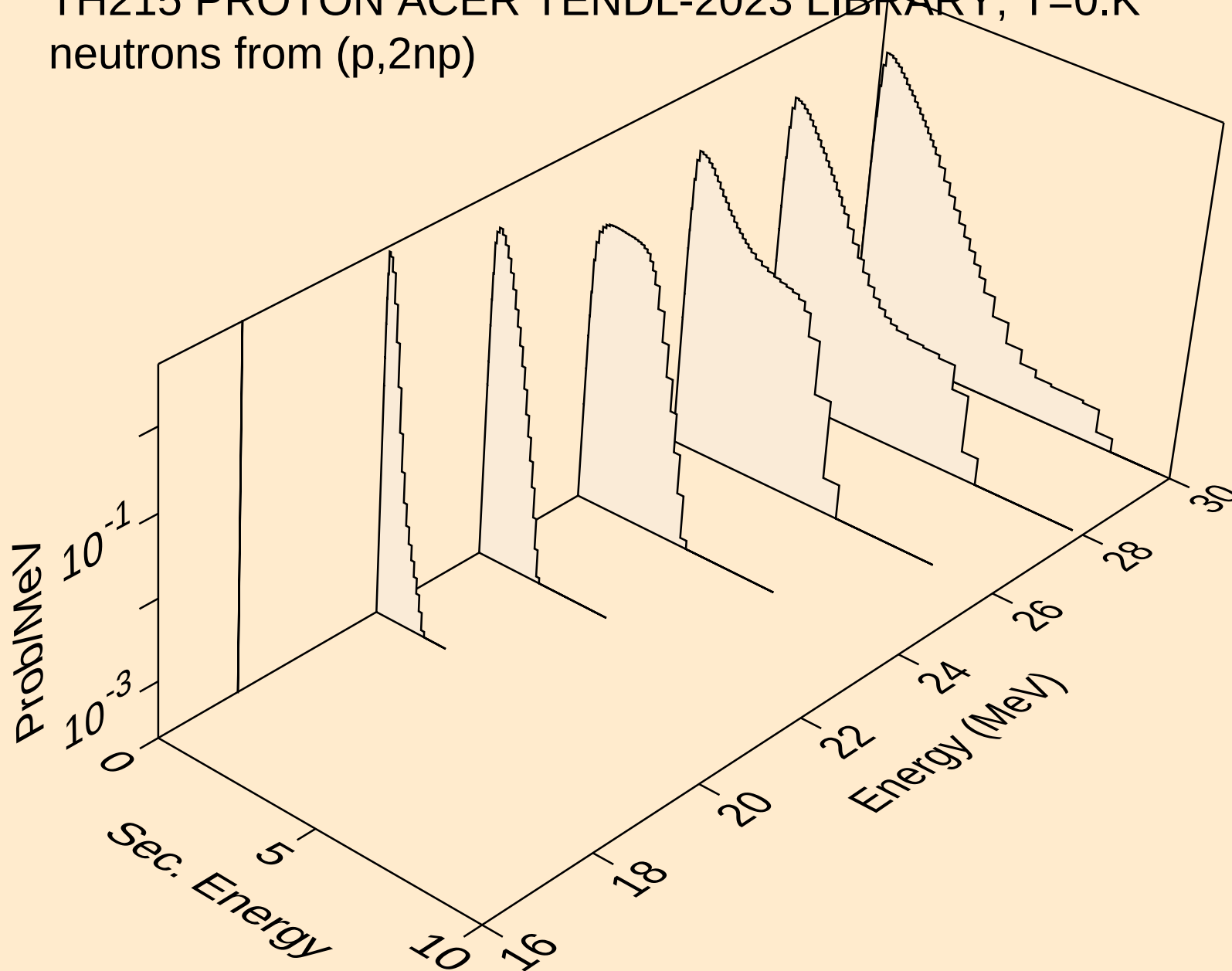
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t



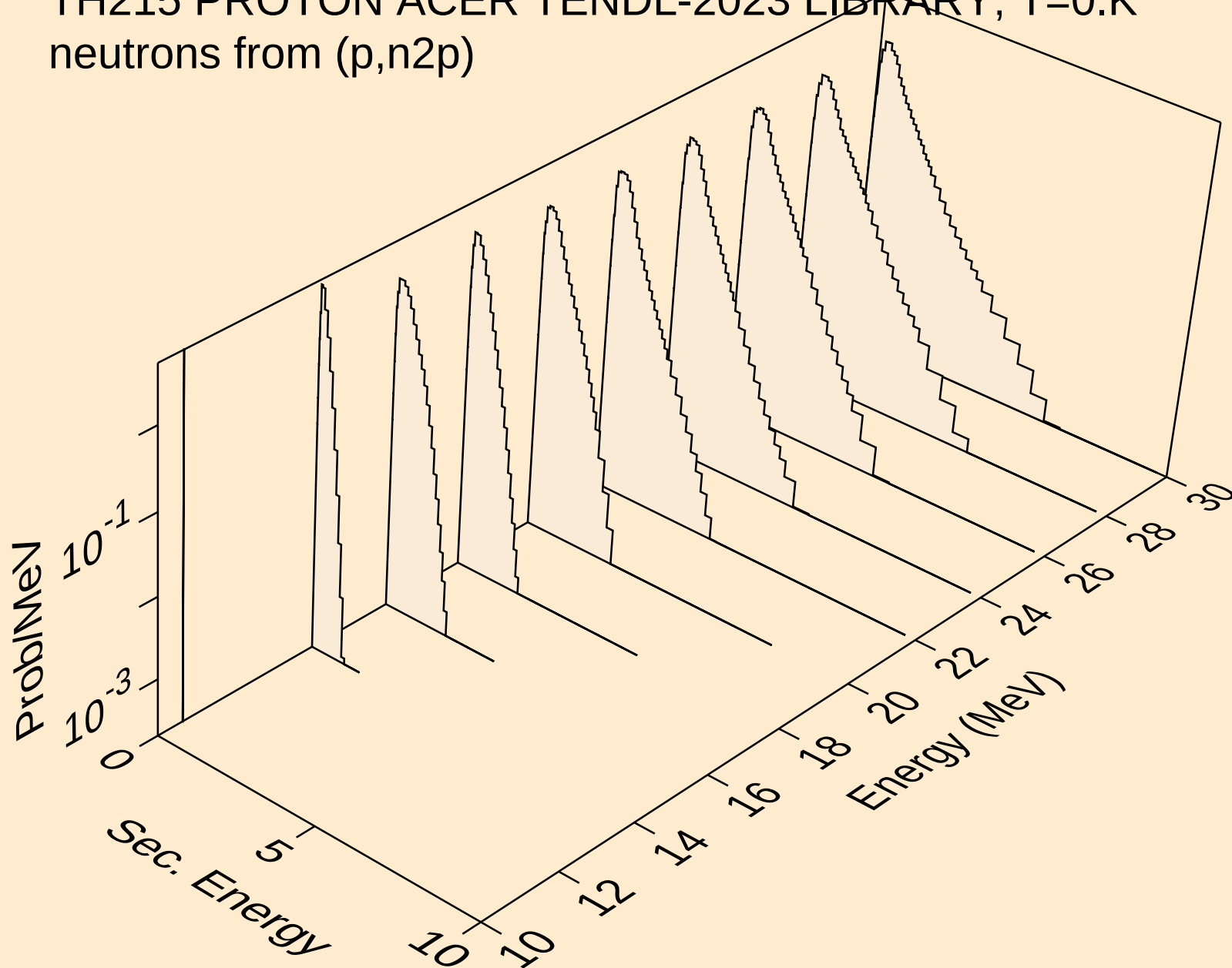
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)\text{he3}$



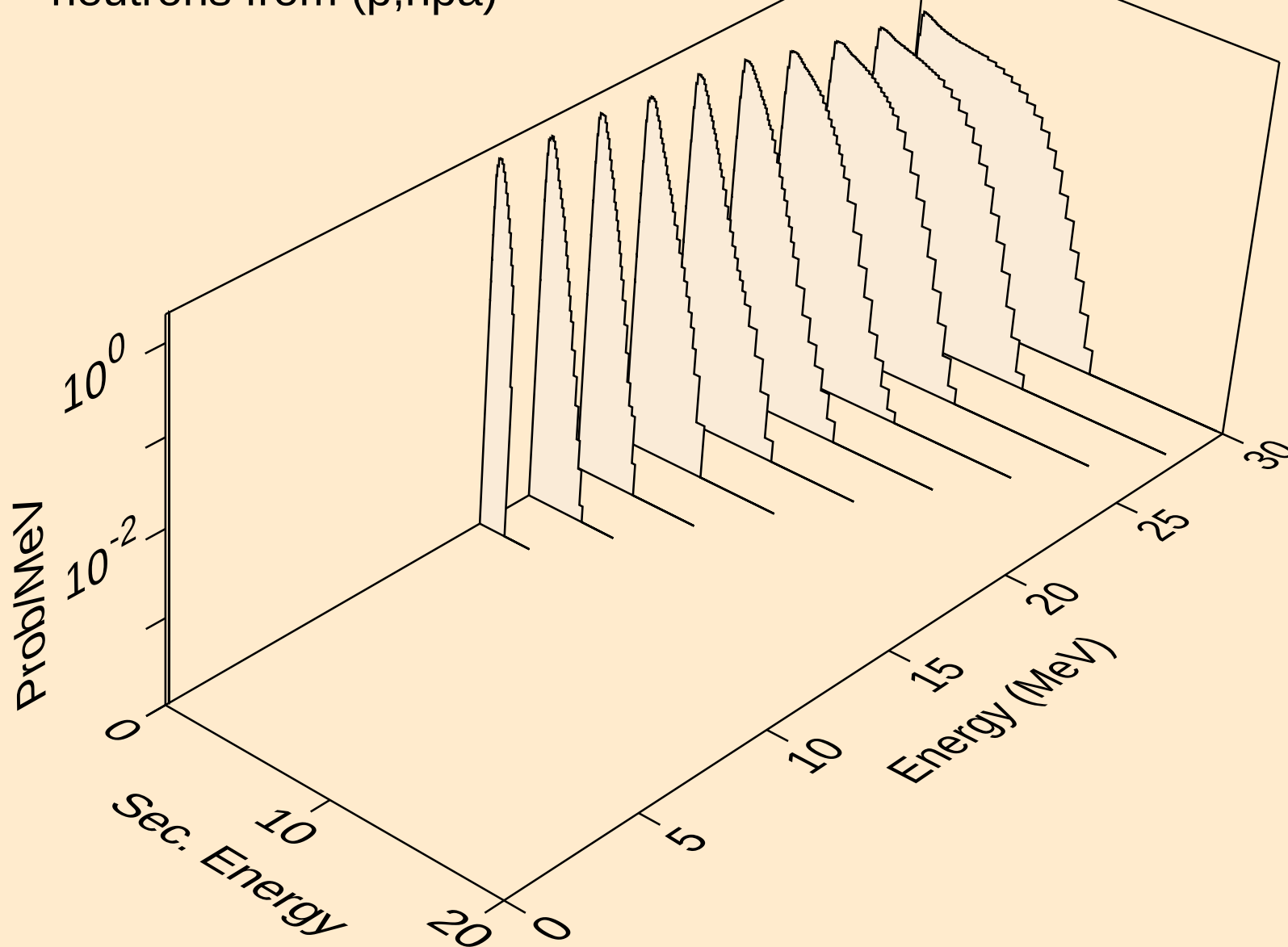
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2np)



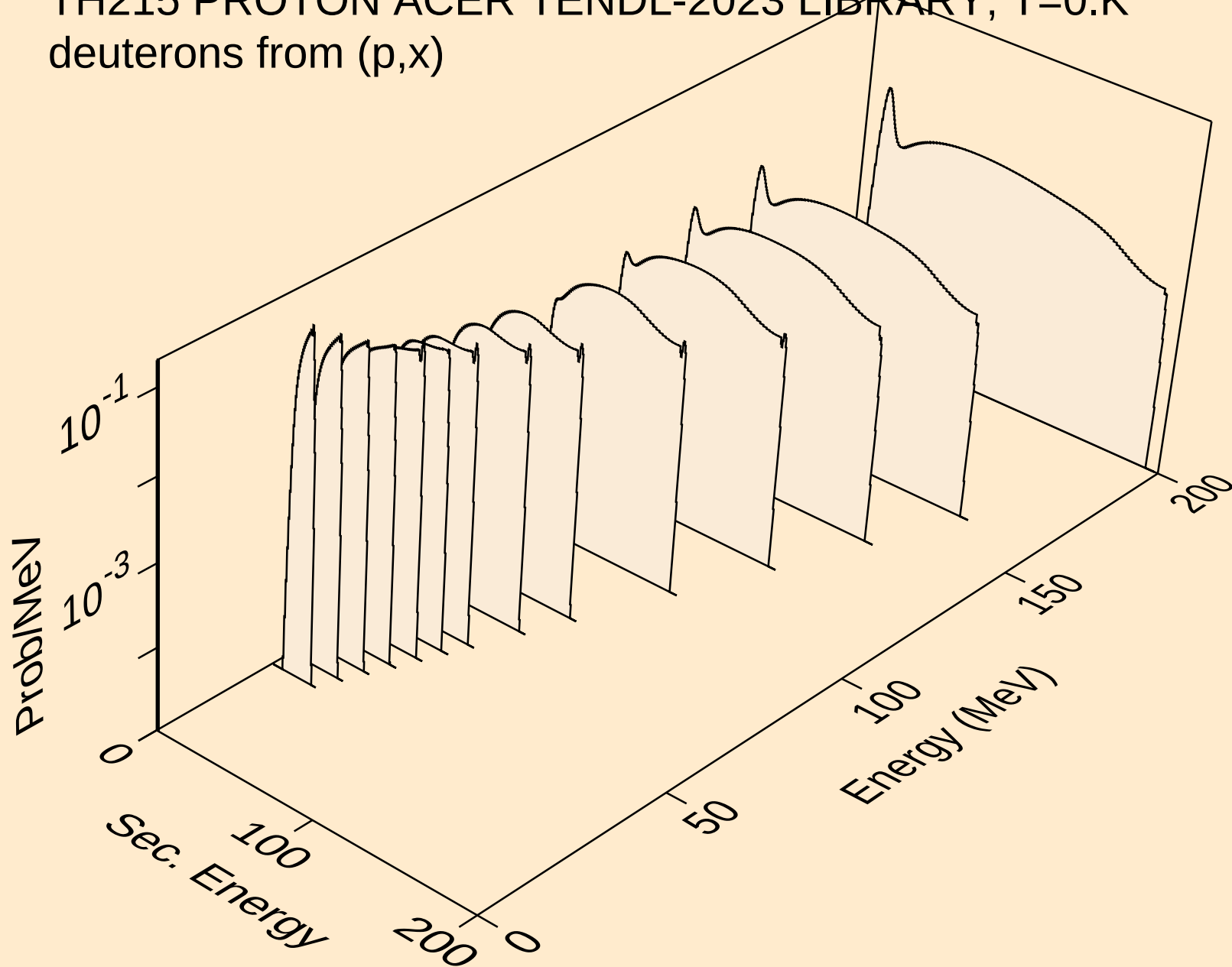
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n2p)



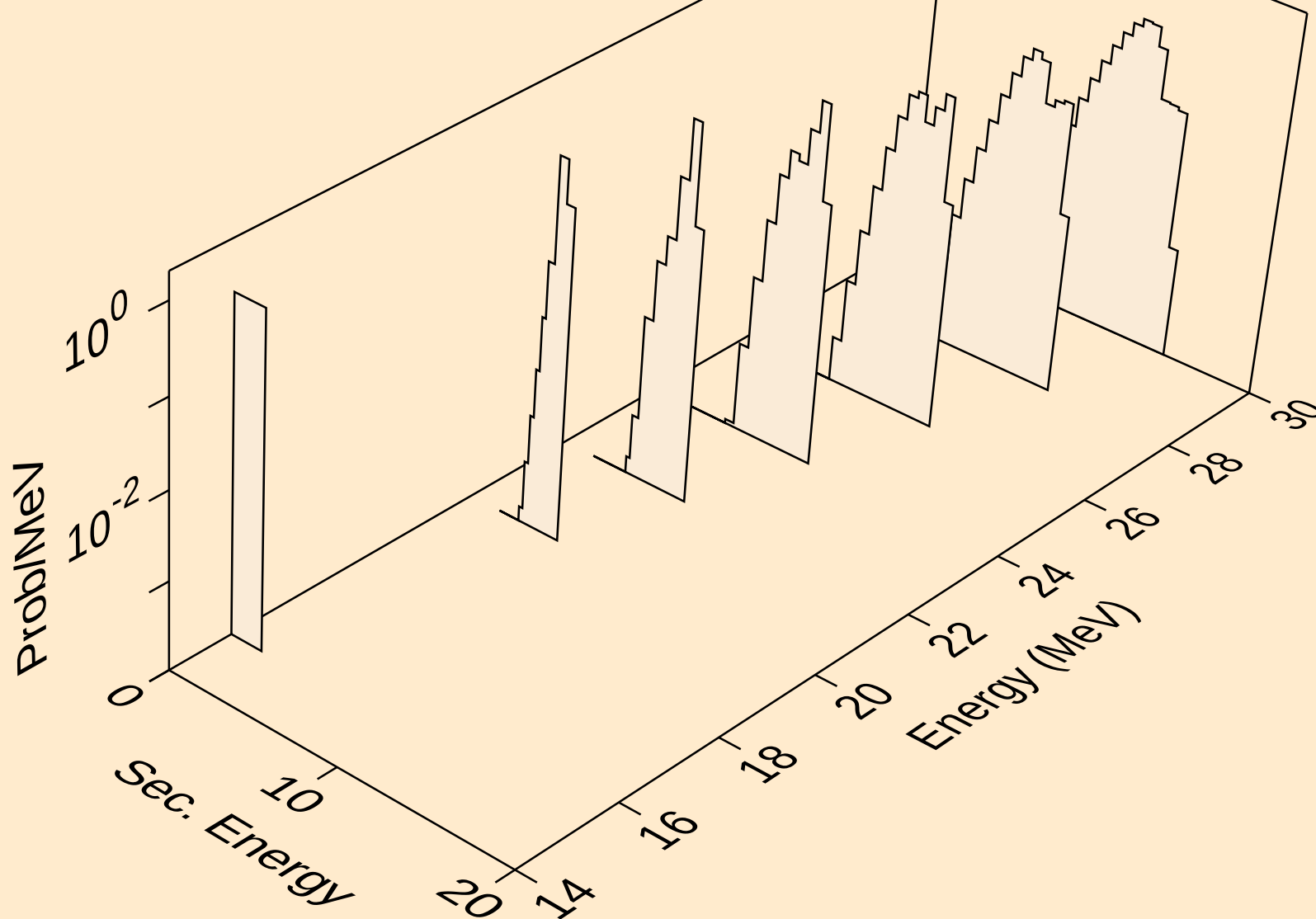
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,npa)



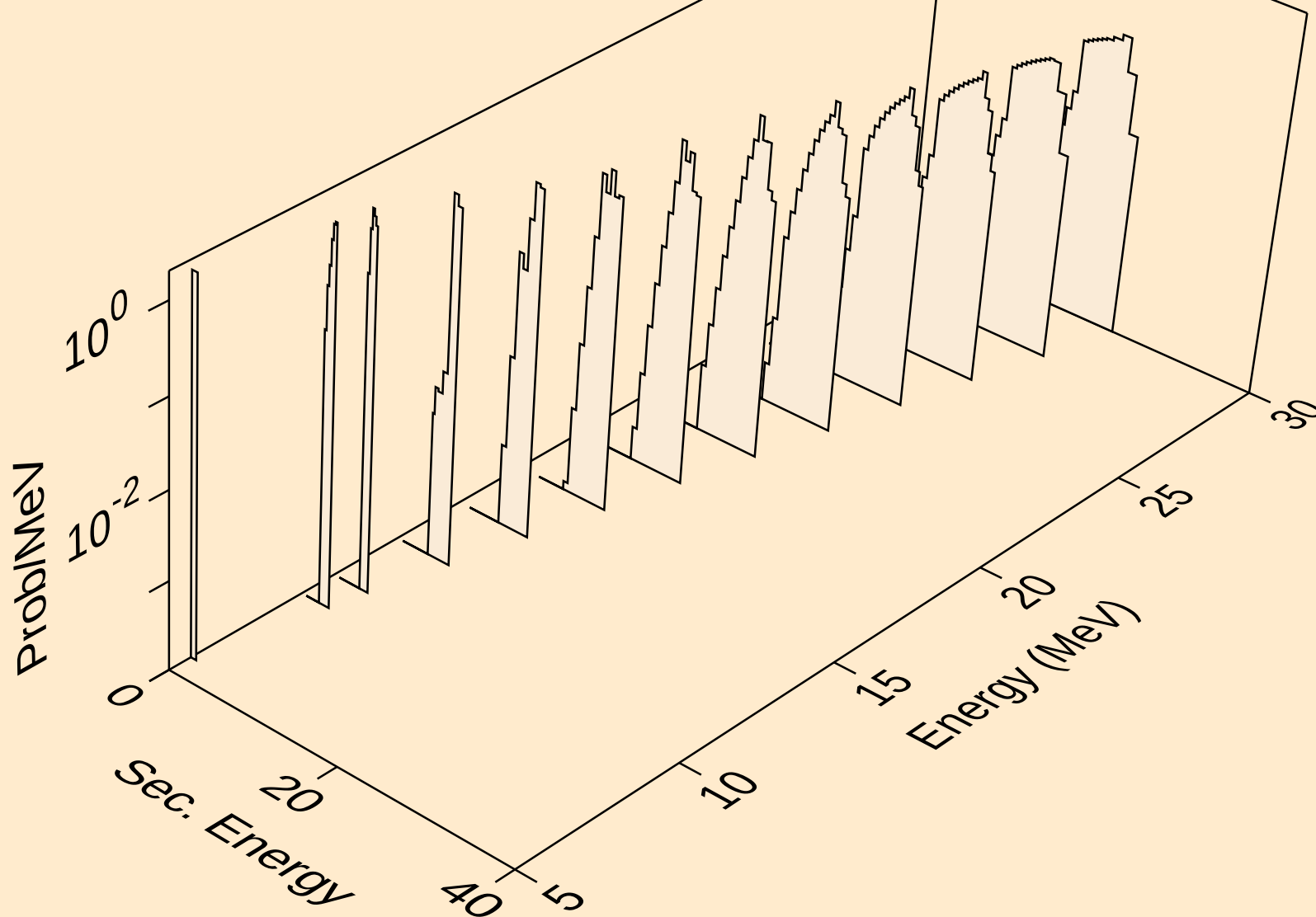
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



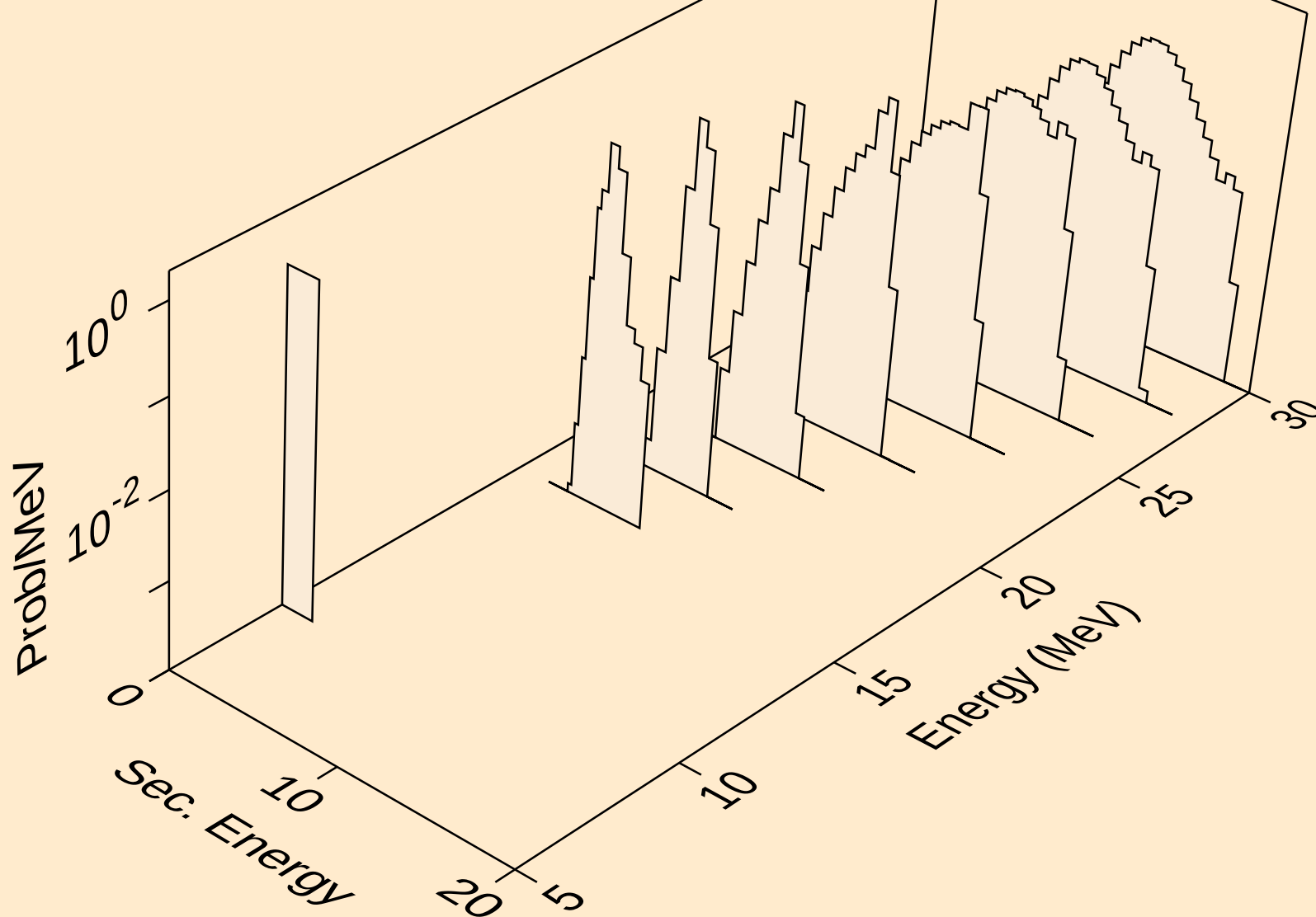
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,n*)d



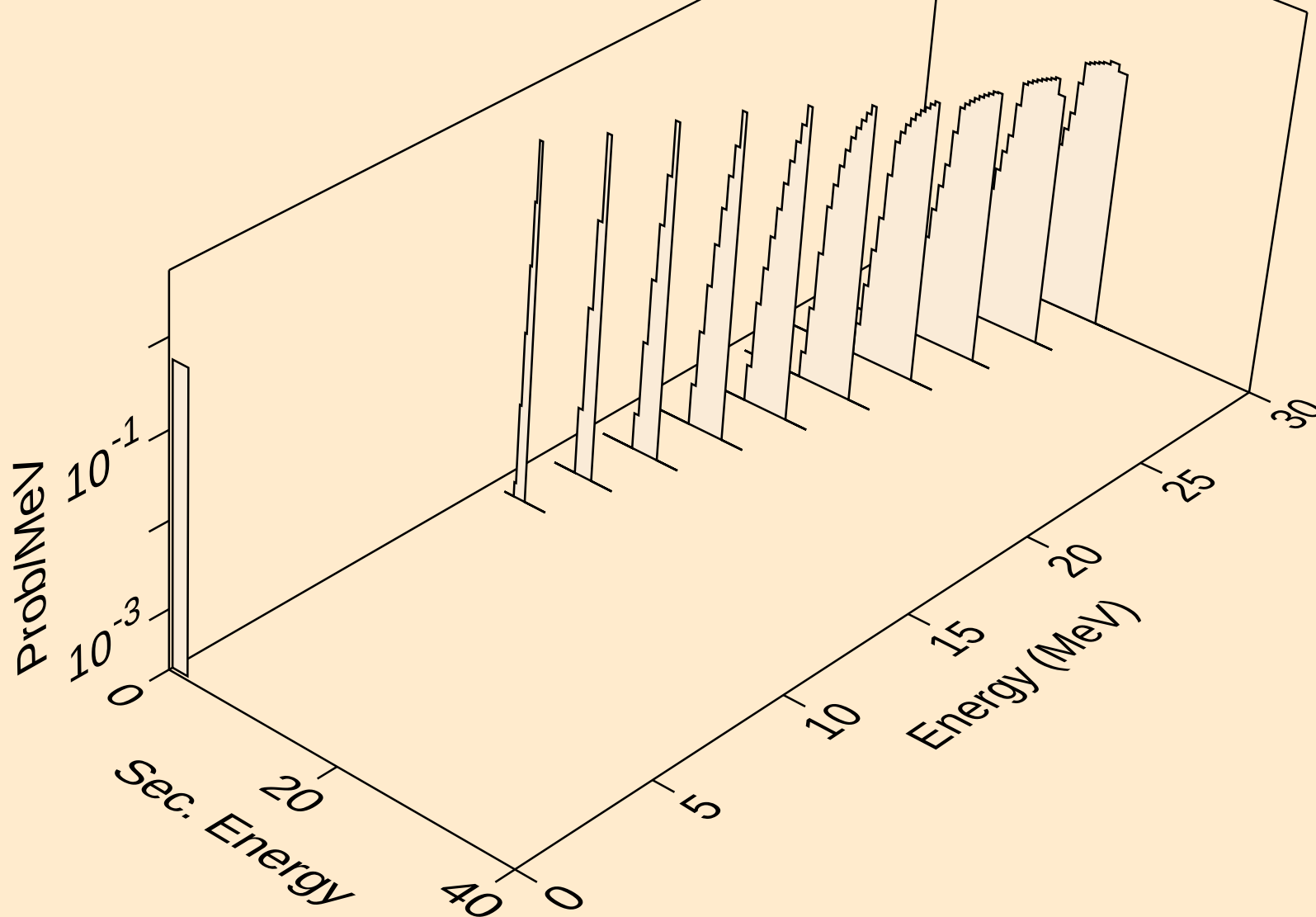
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,d)



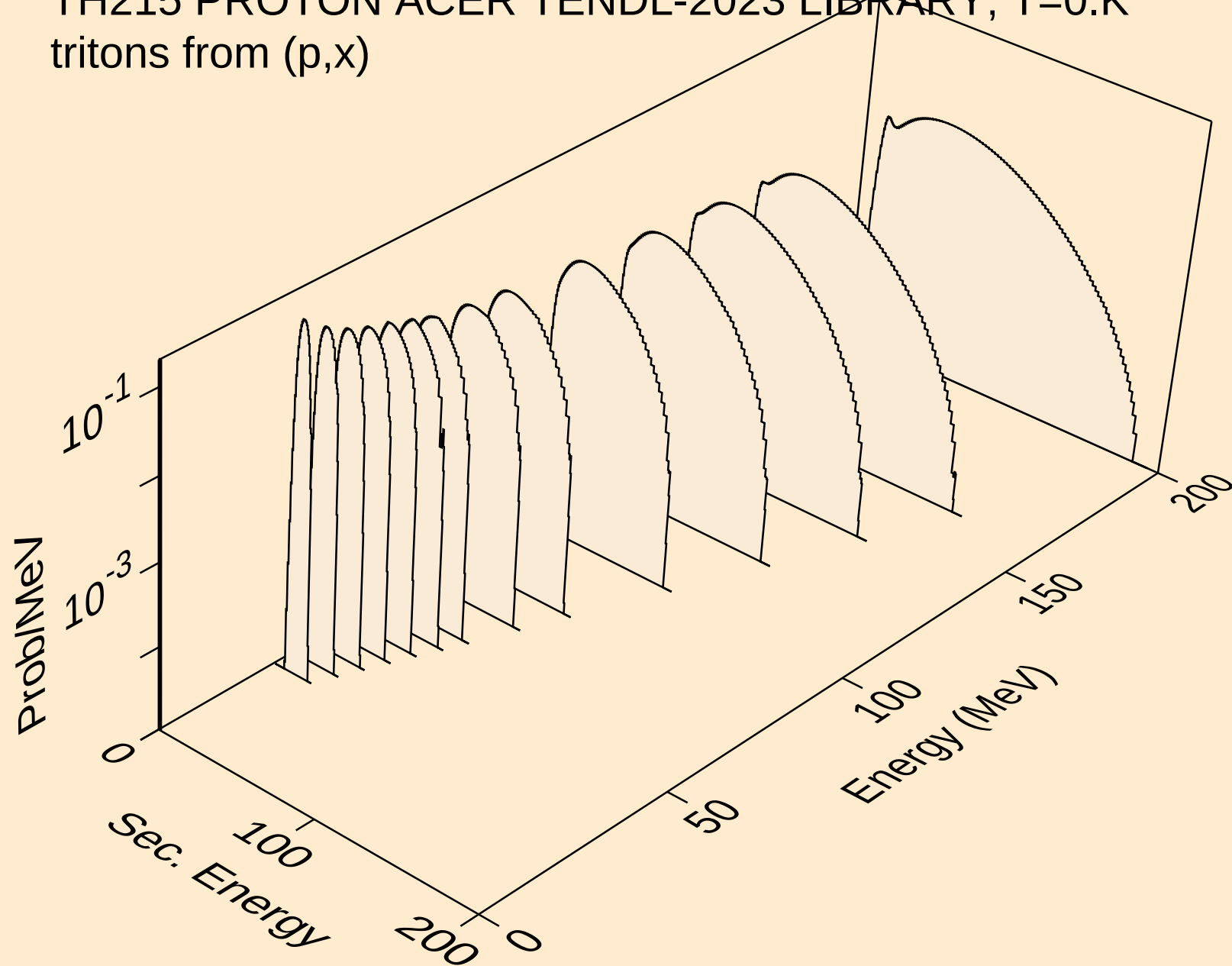
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,pd)



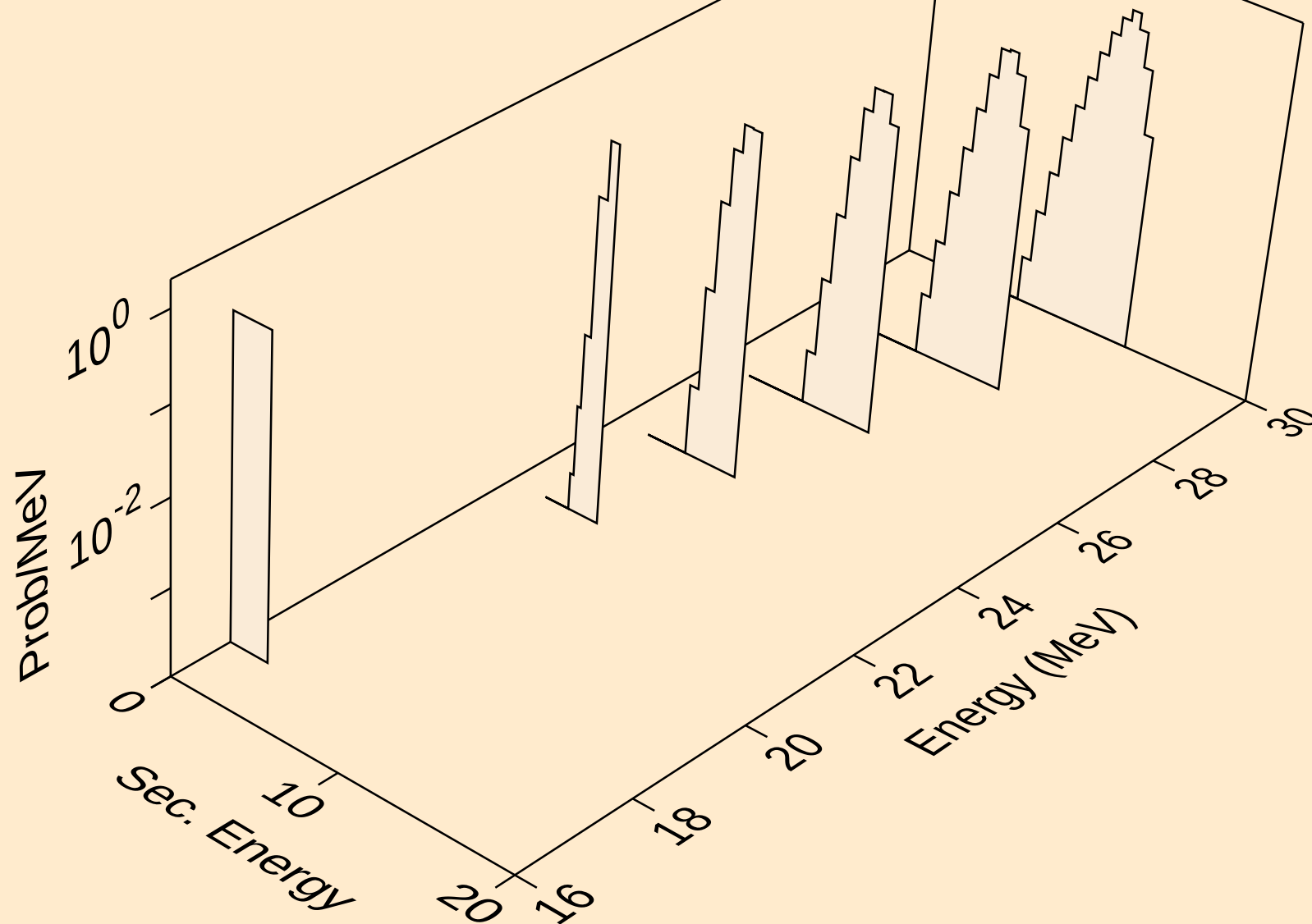
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,da)



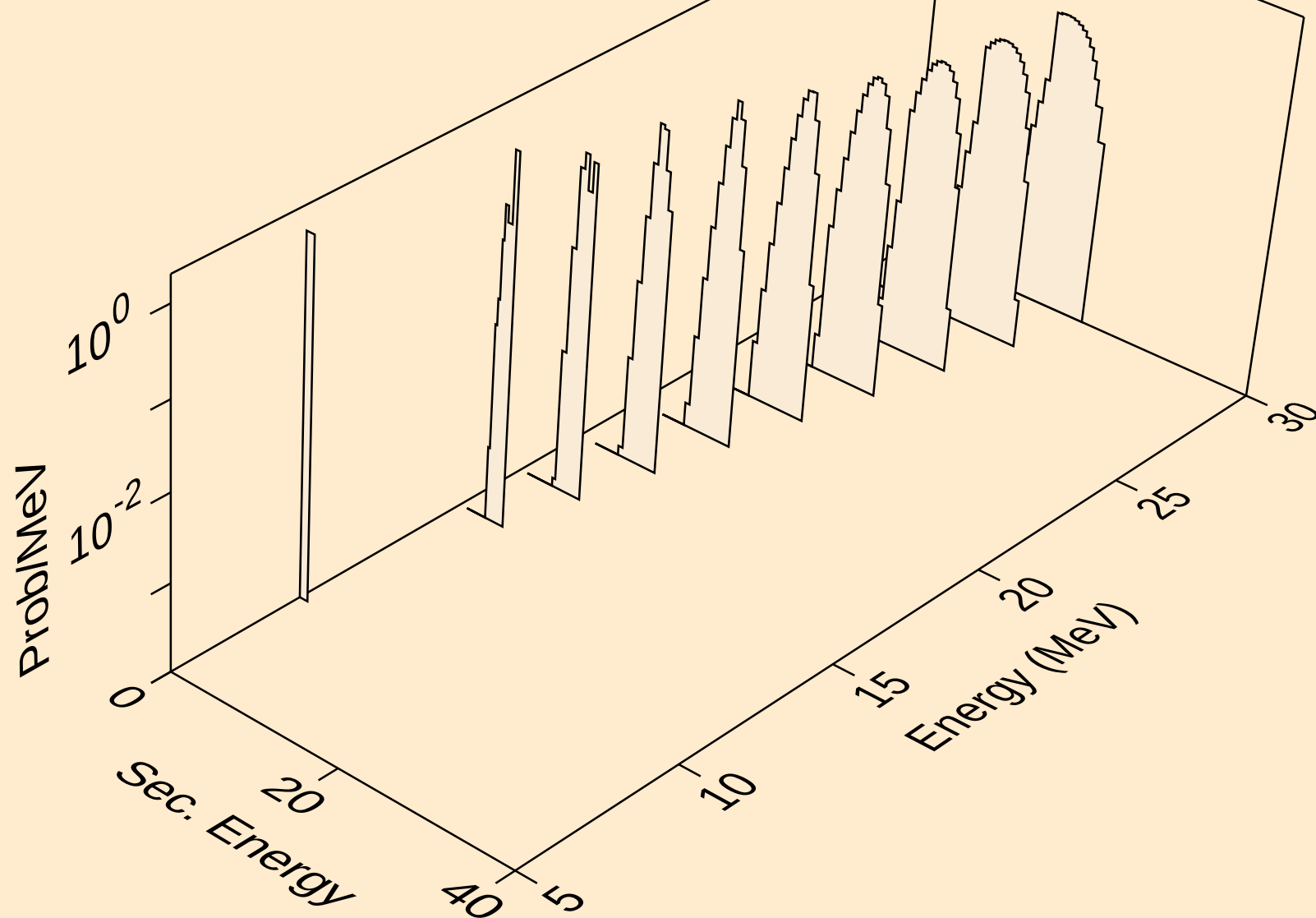
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



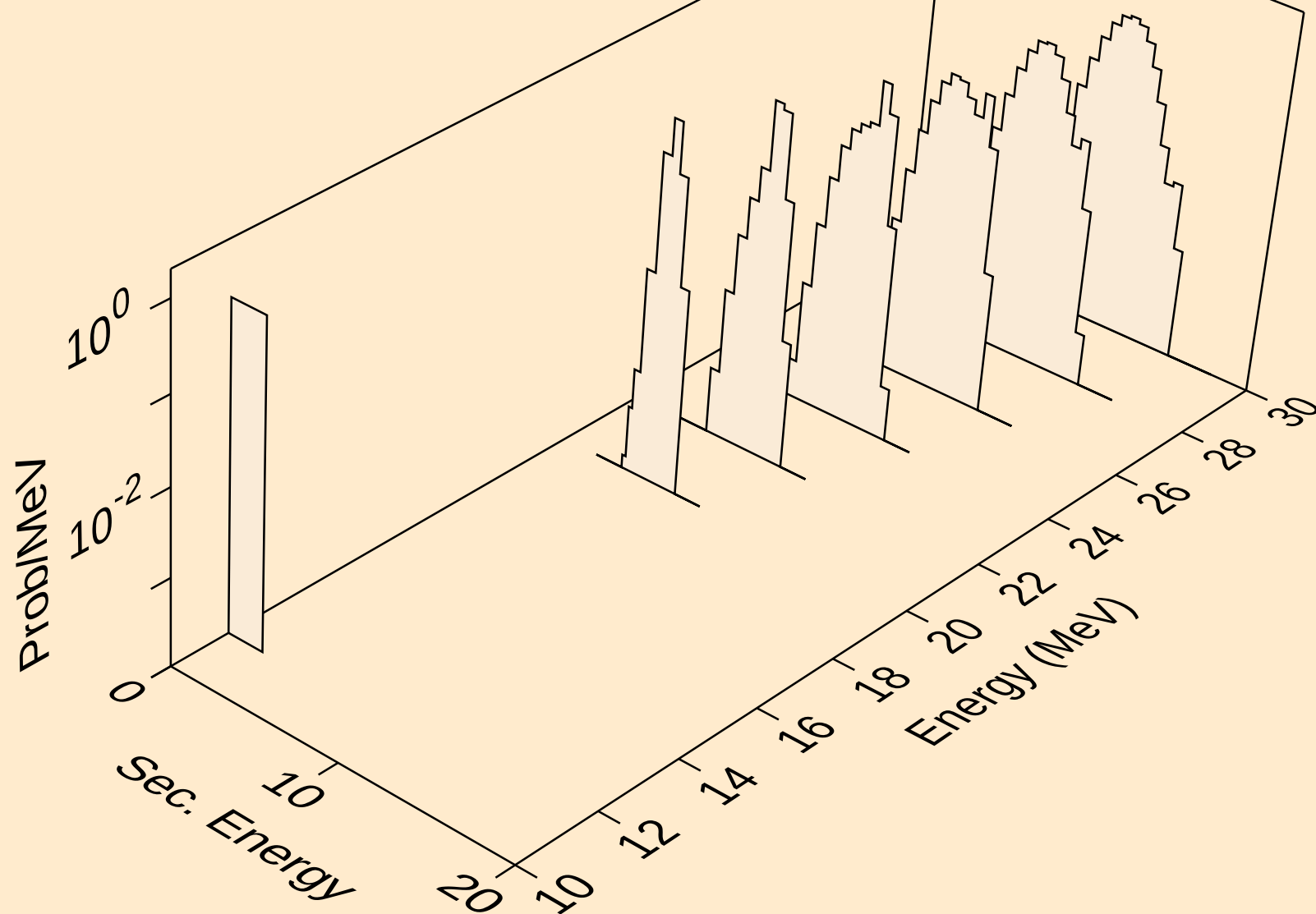
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t



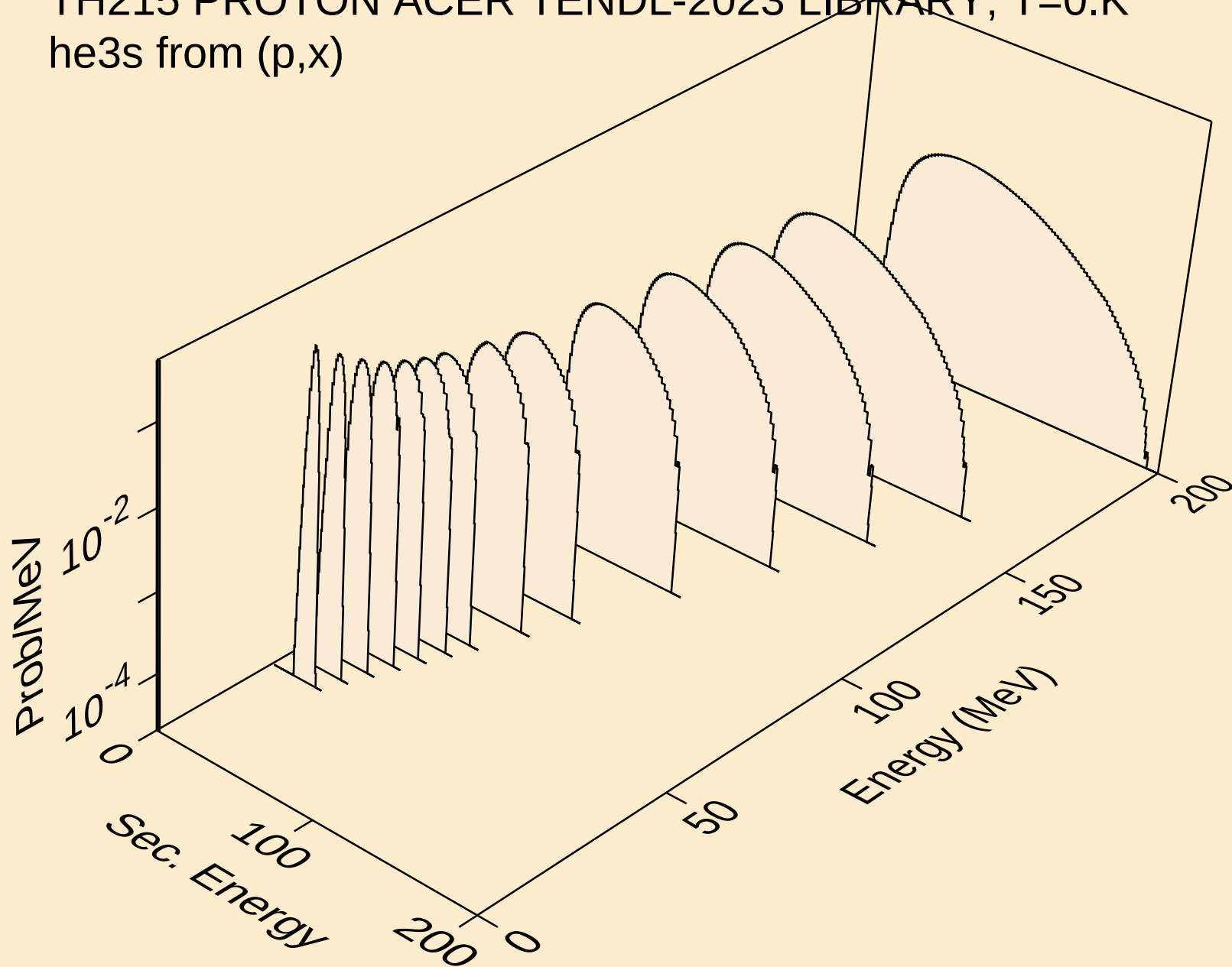
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



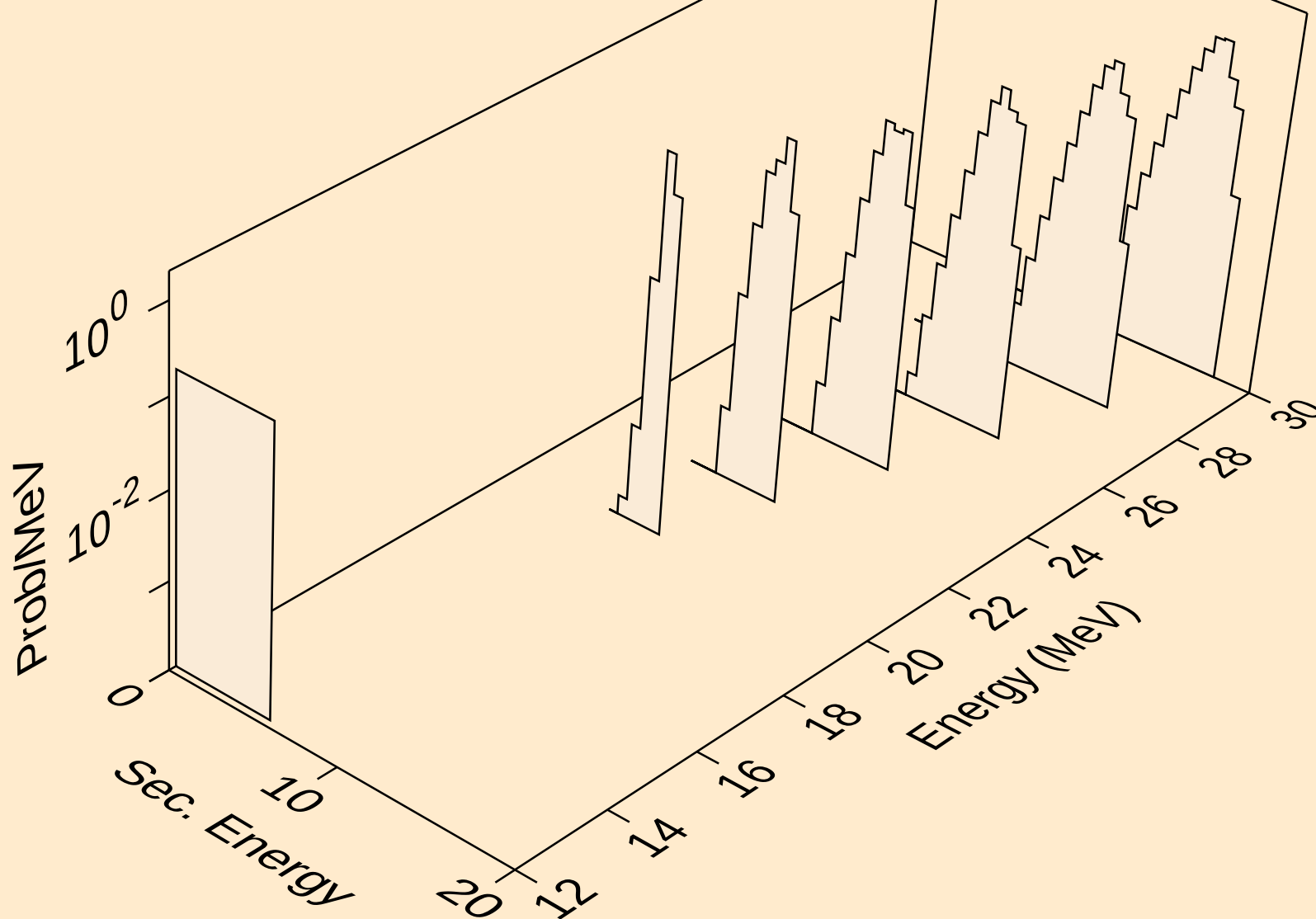
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,pt)



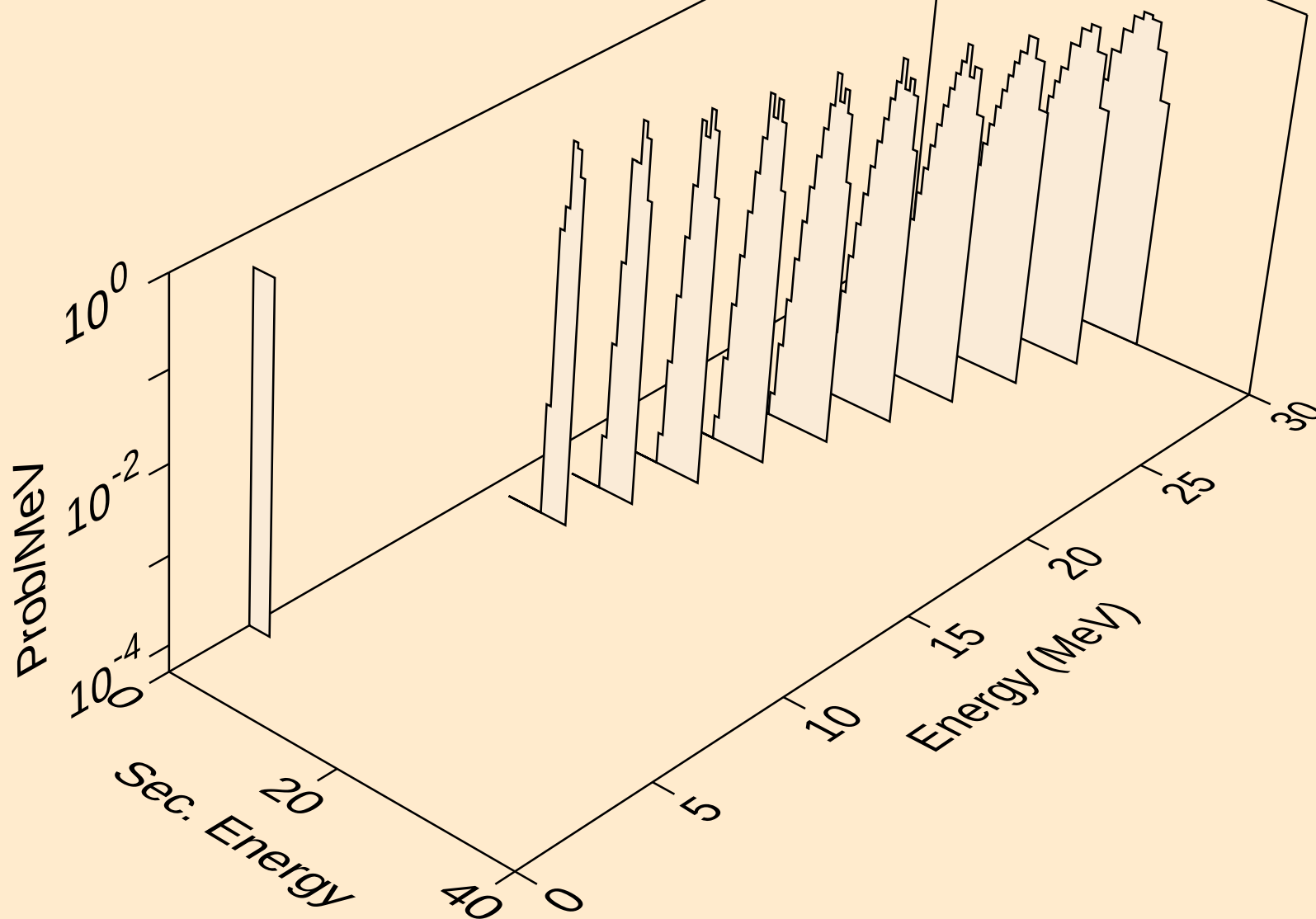
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



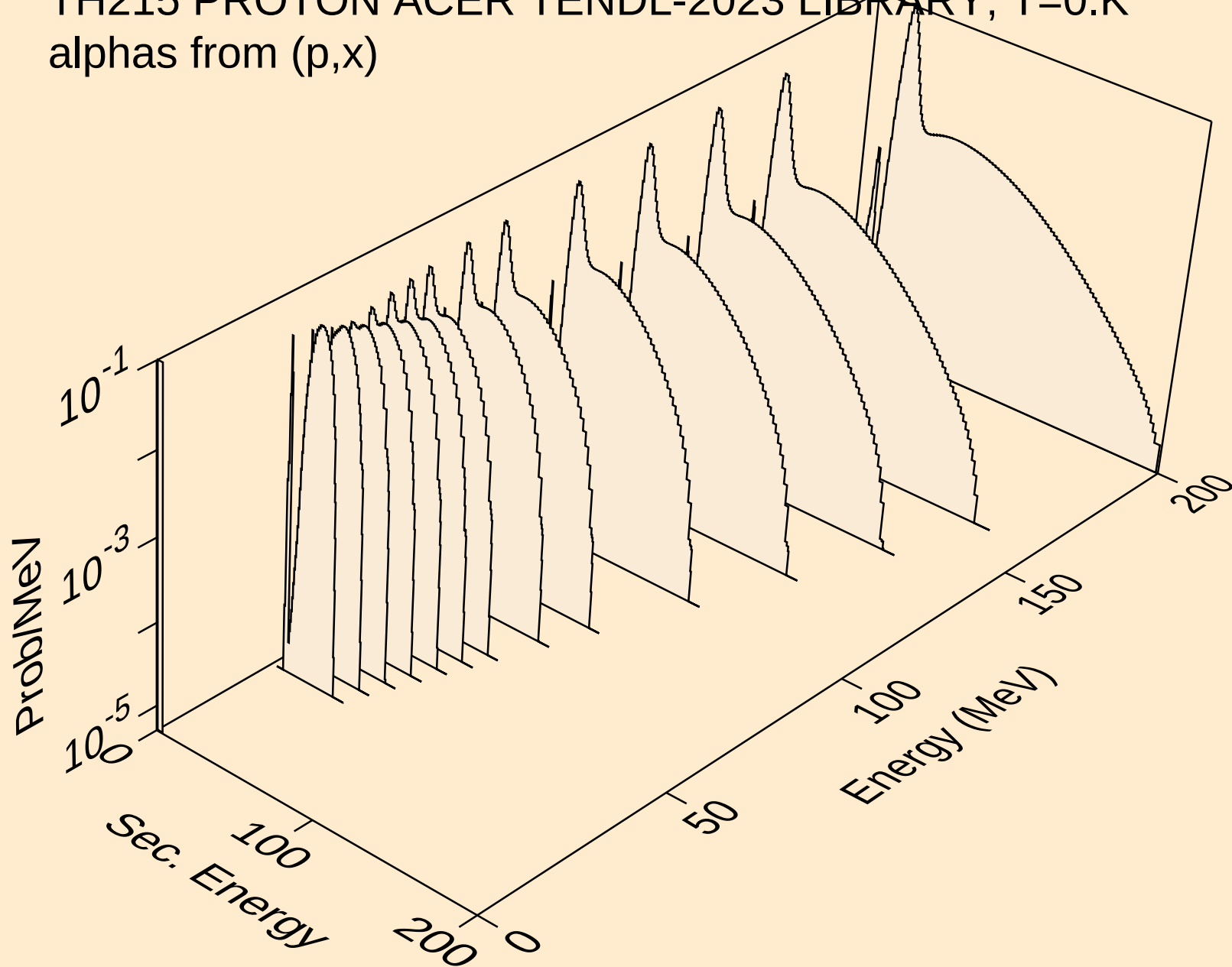
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



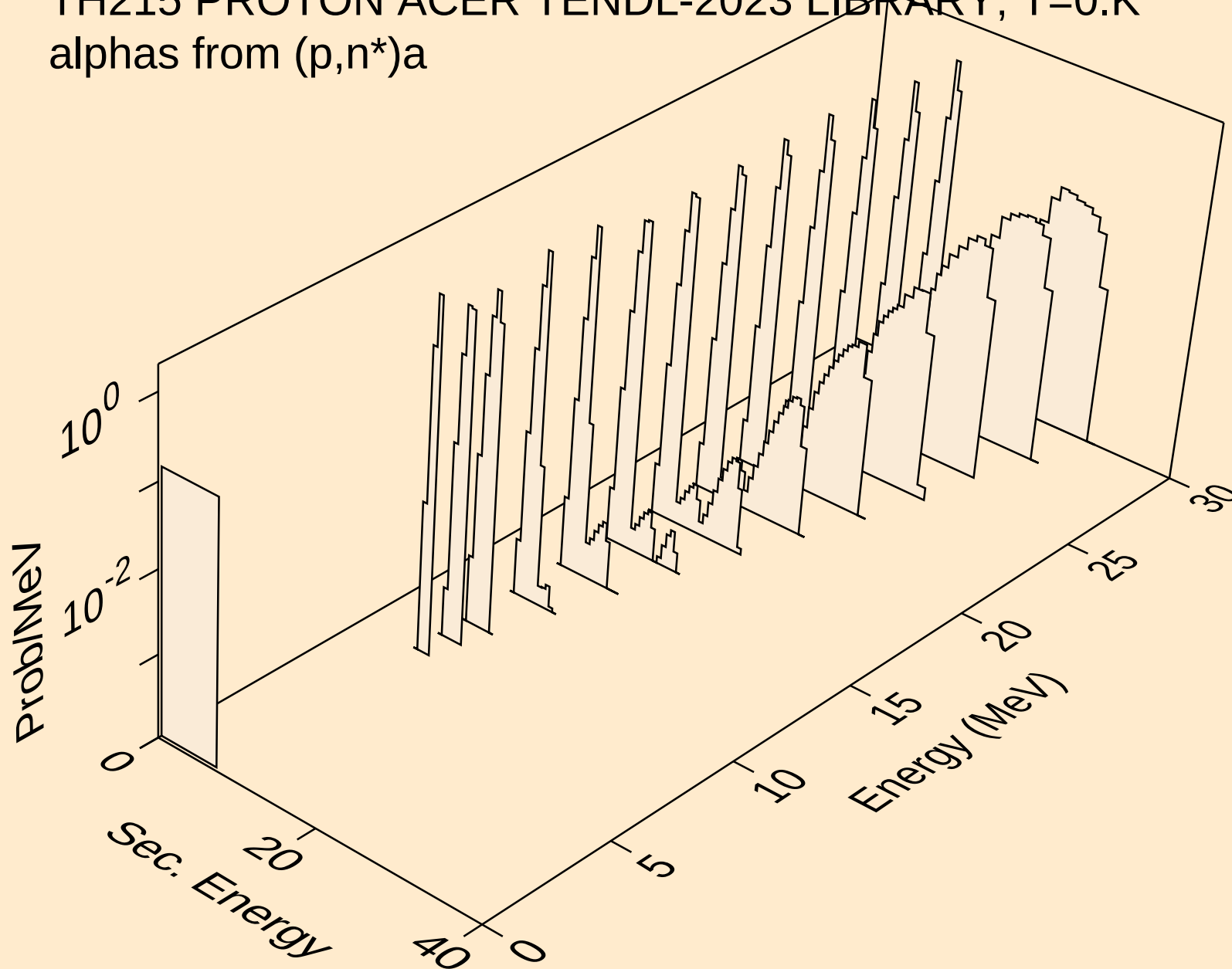
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



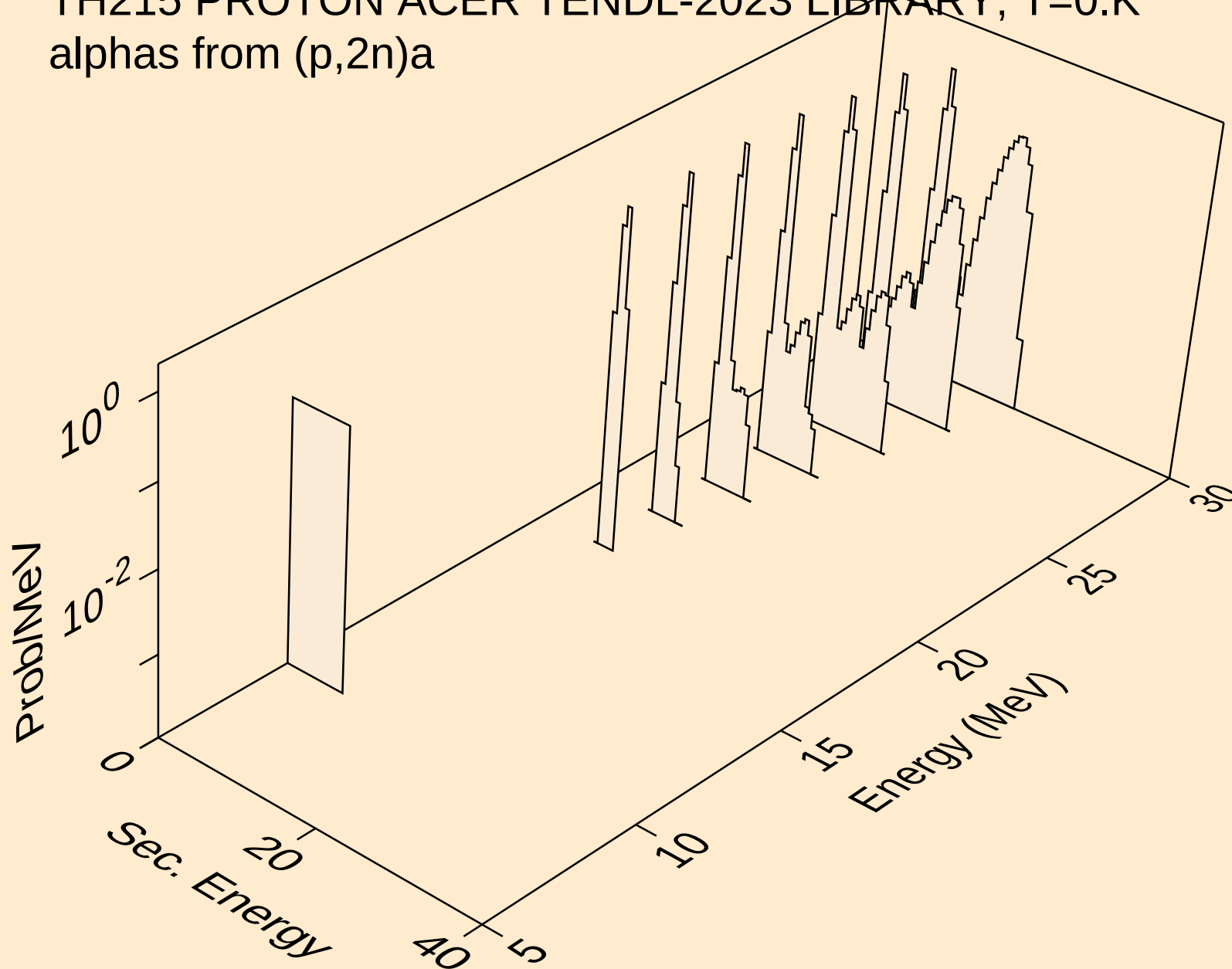
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



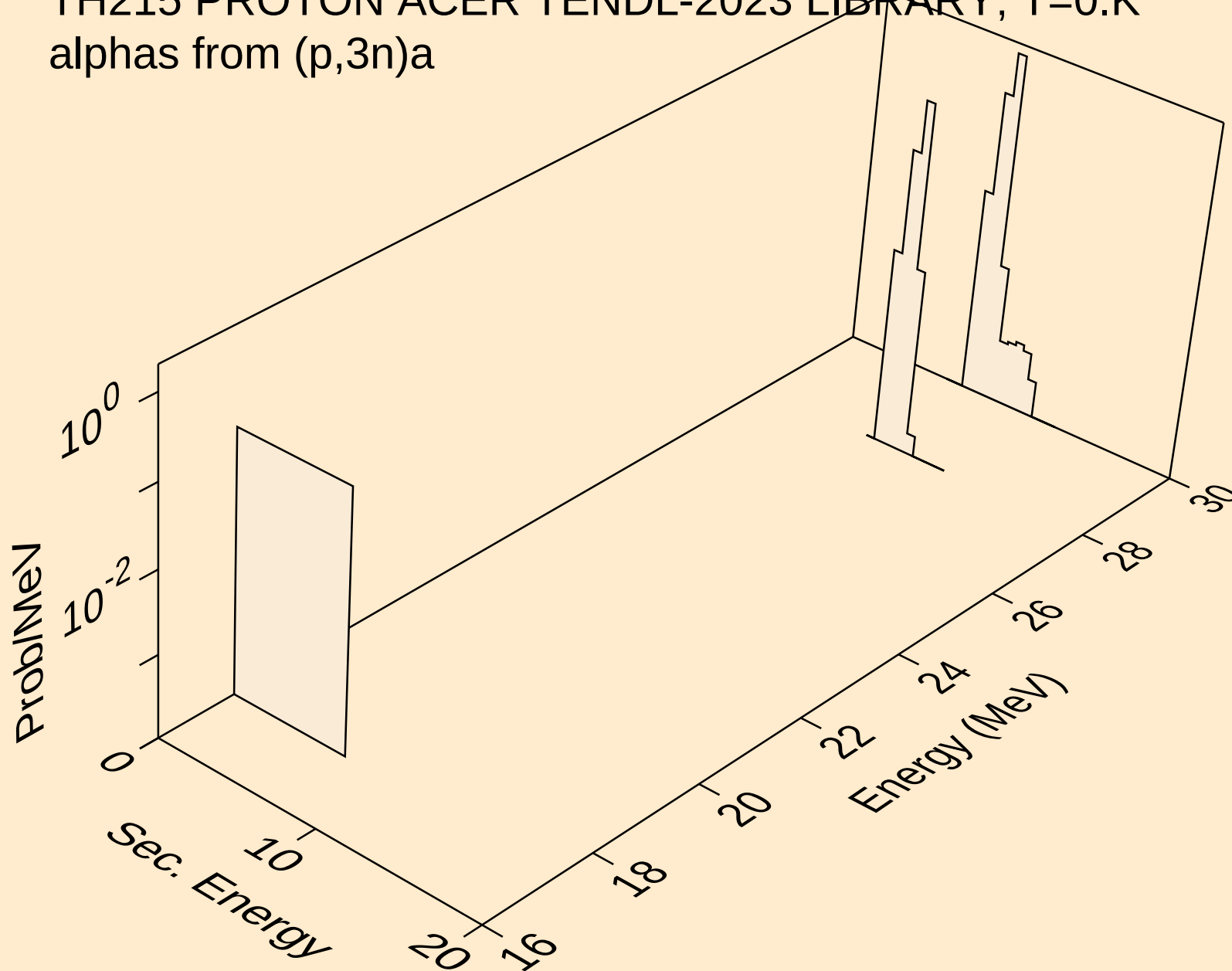
TH215 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
alphas from $(p,n^*)a$



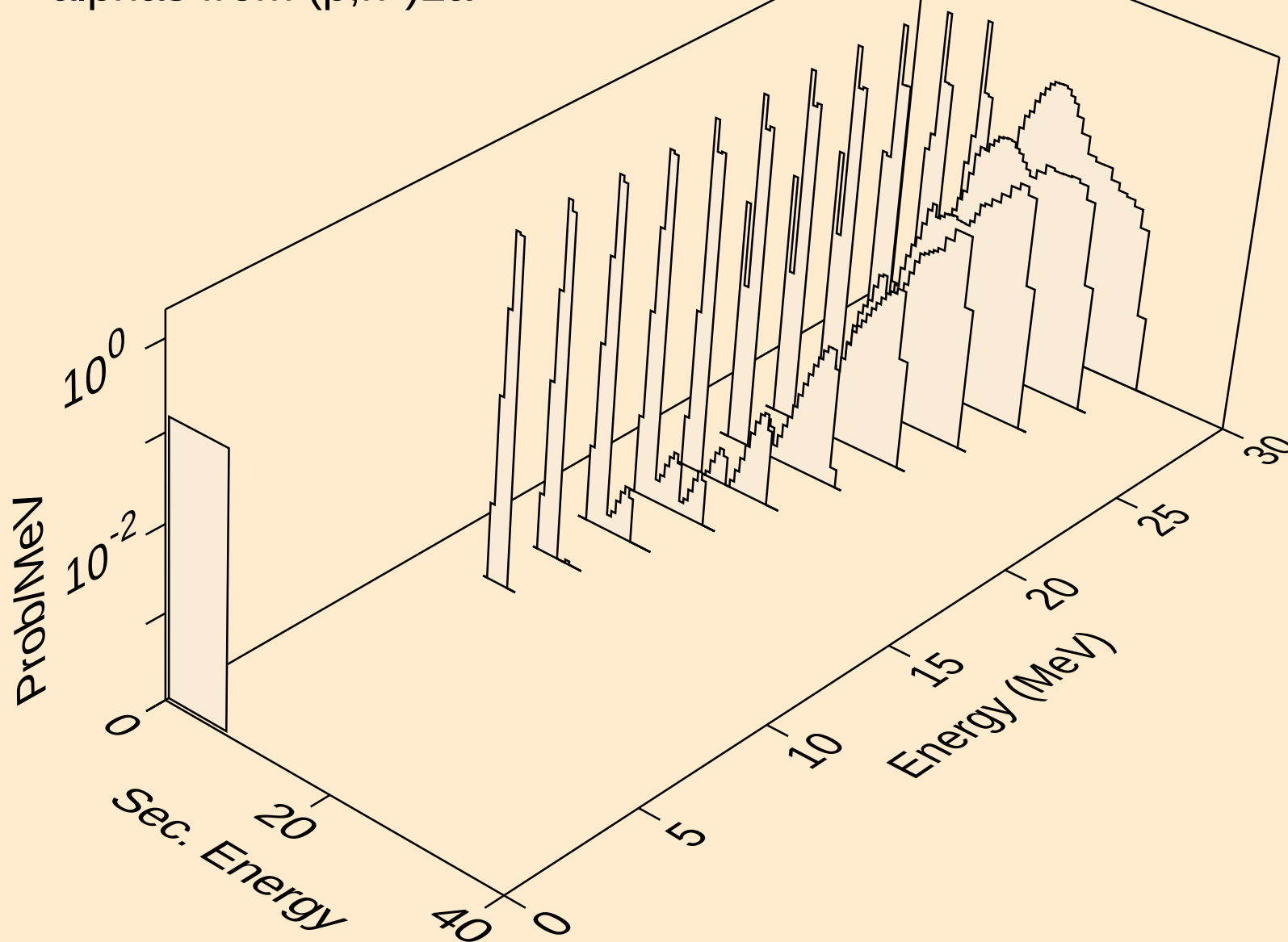
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



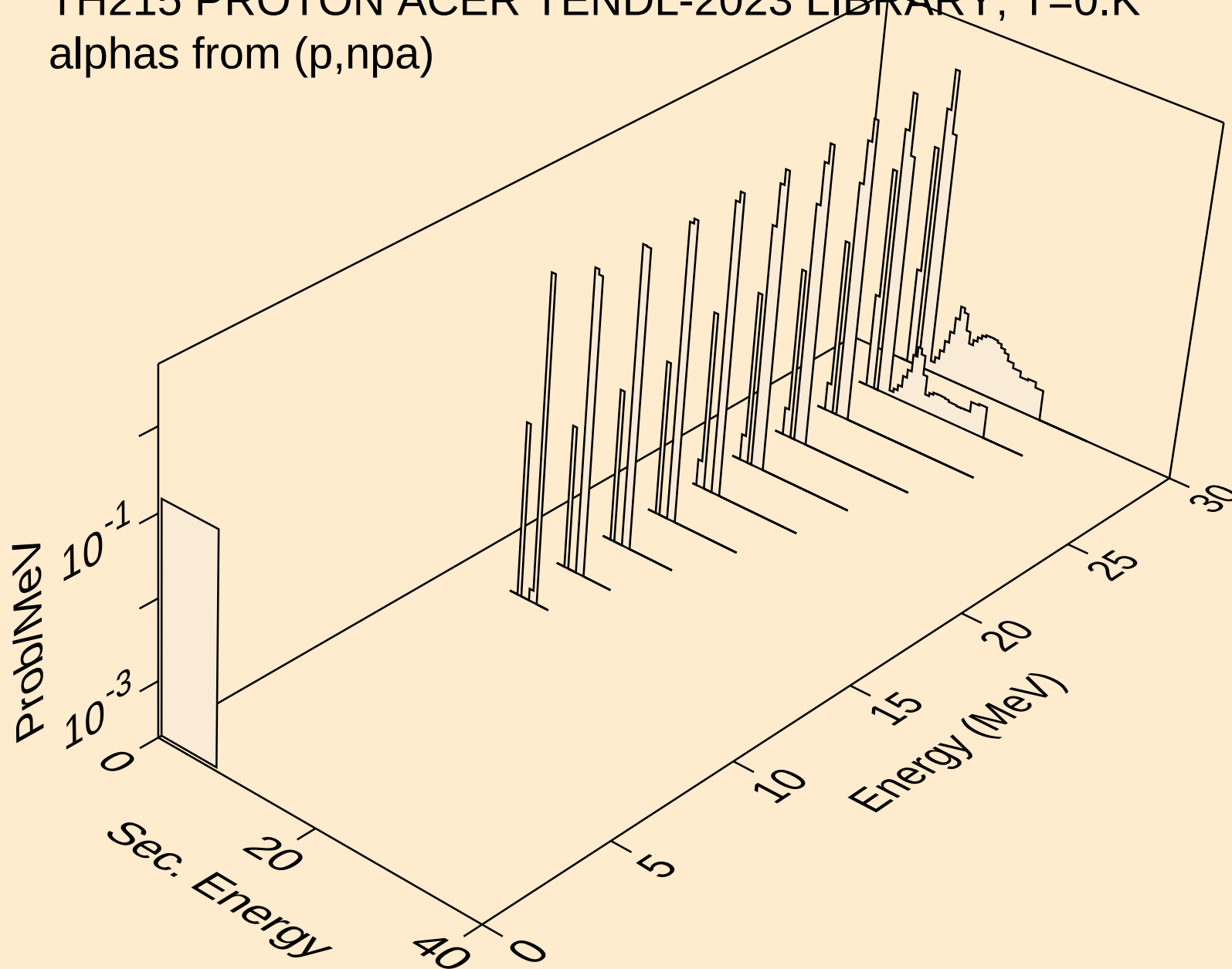
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



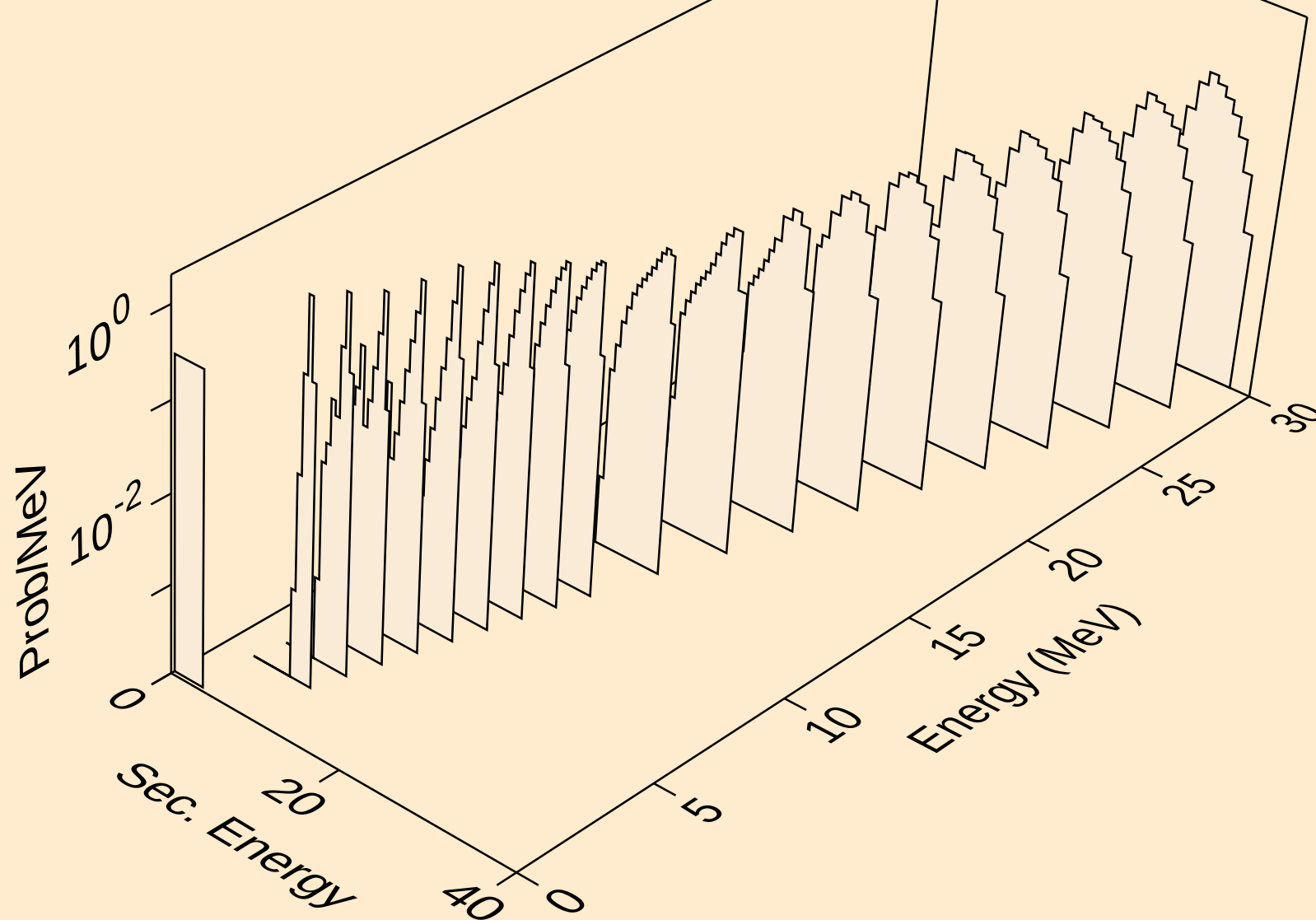
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)2a



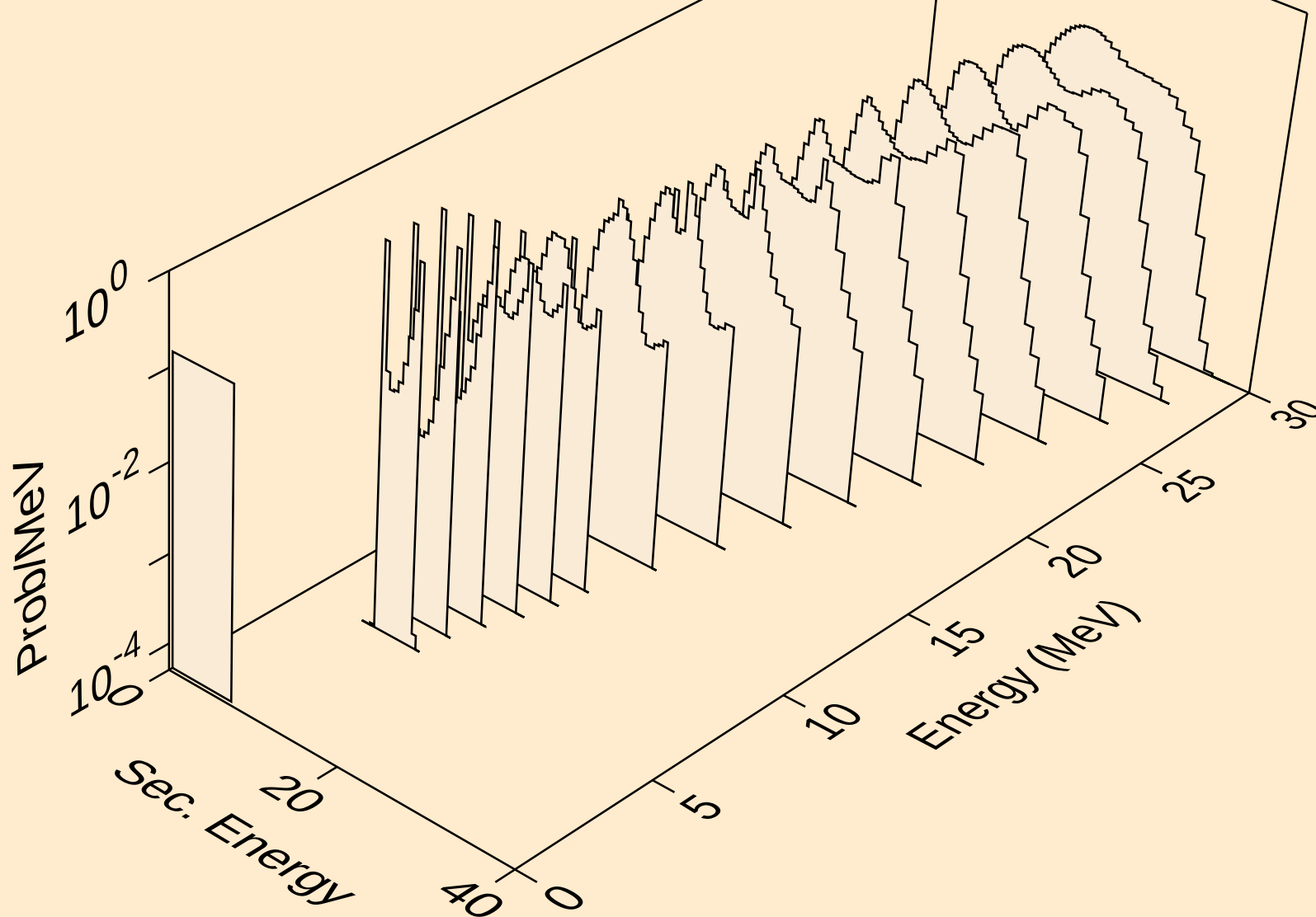
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,npa)



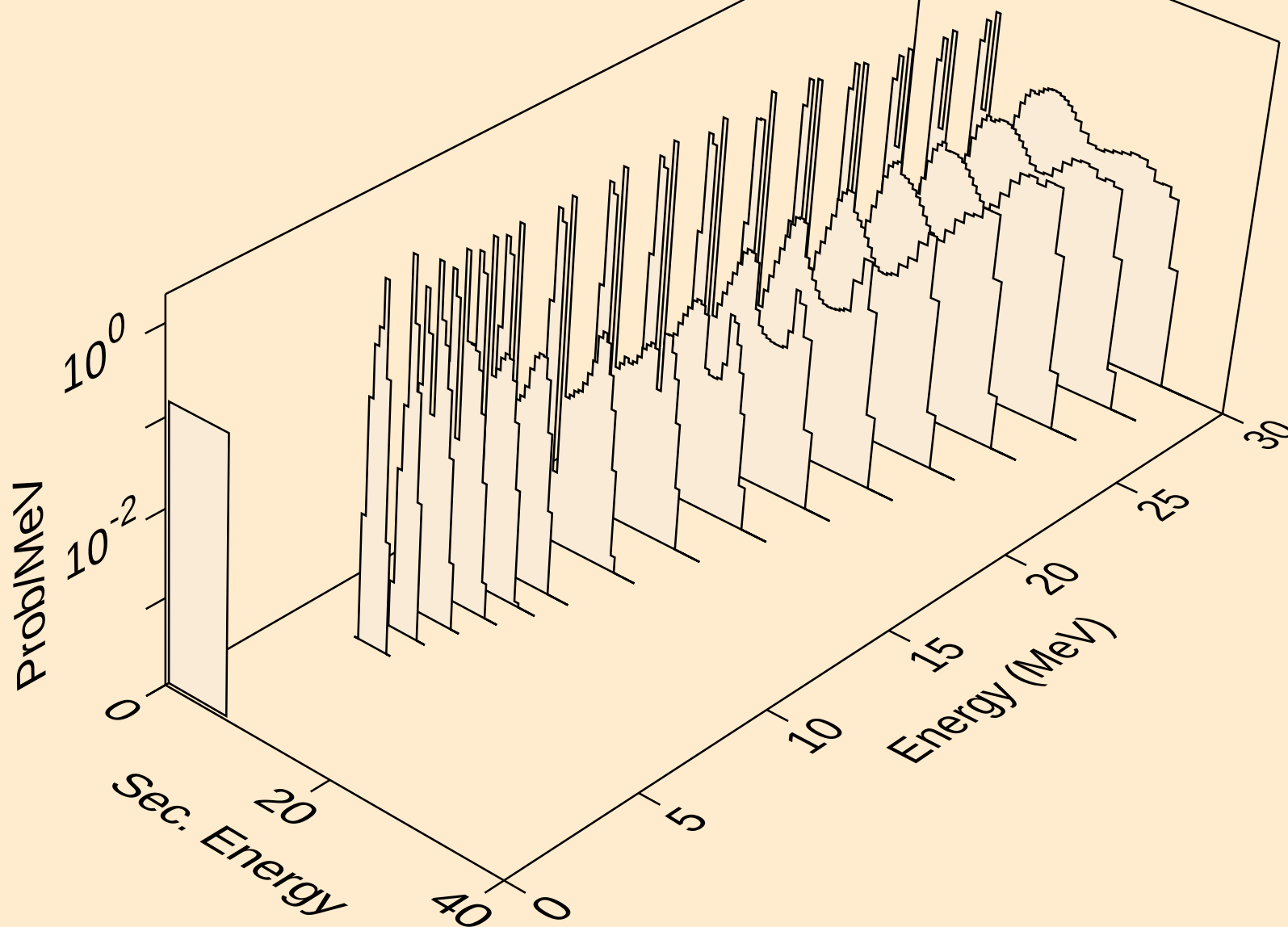
TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)



TH215 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,da)

