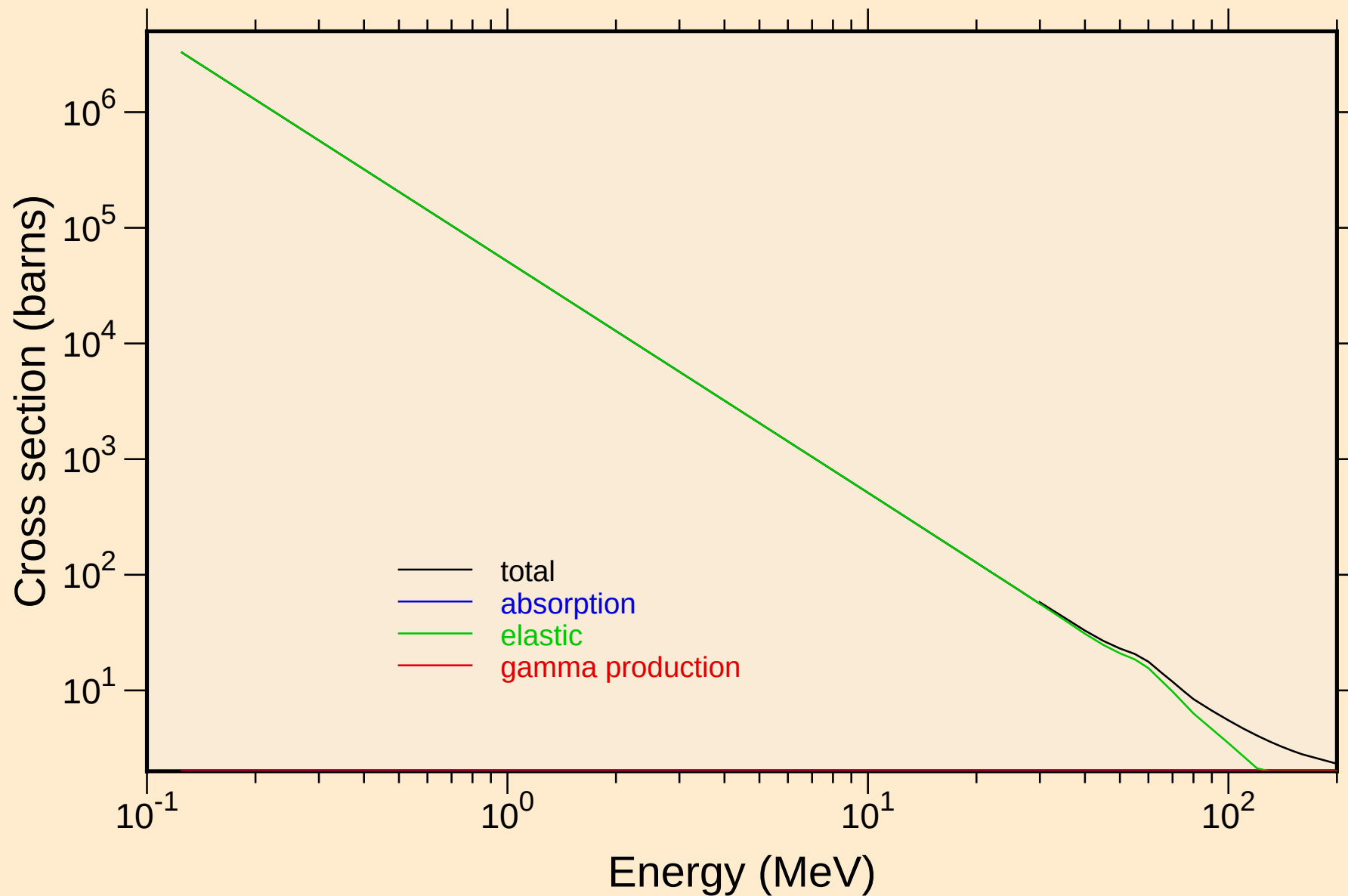


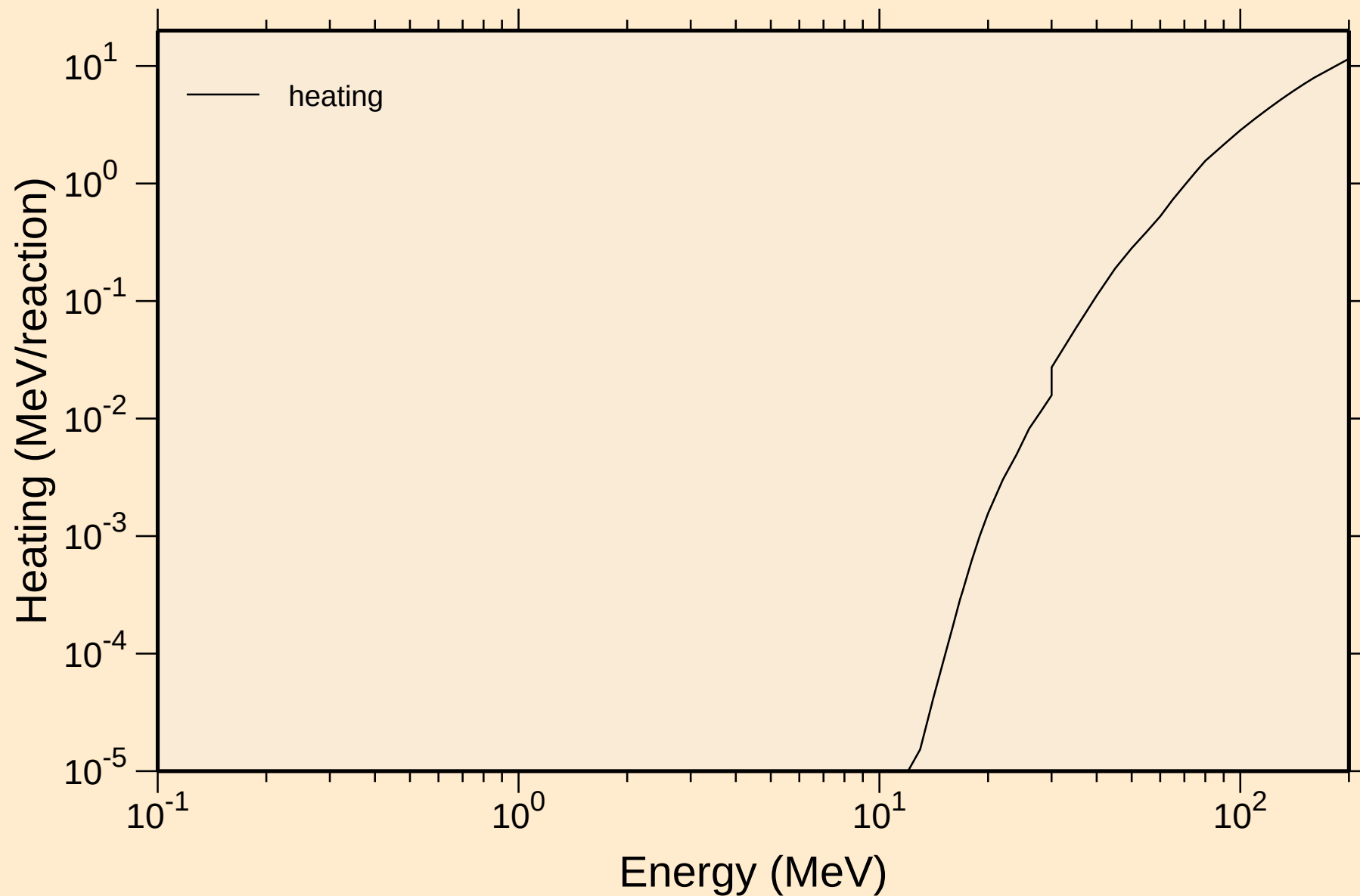
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



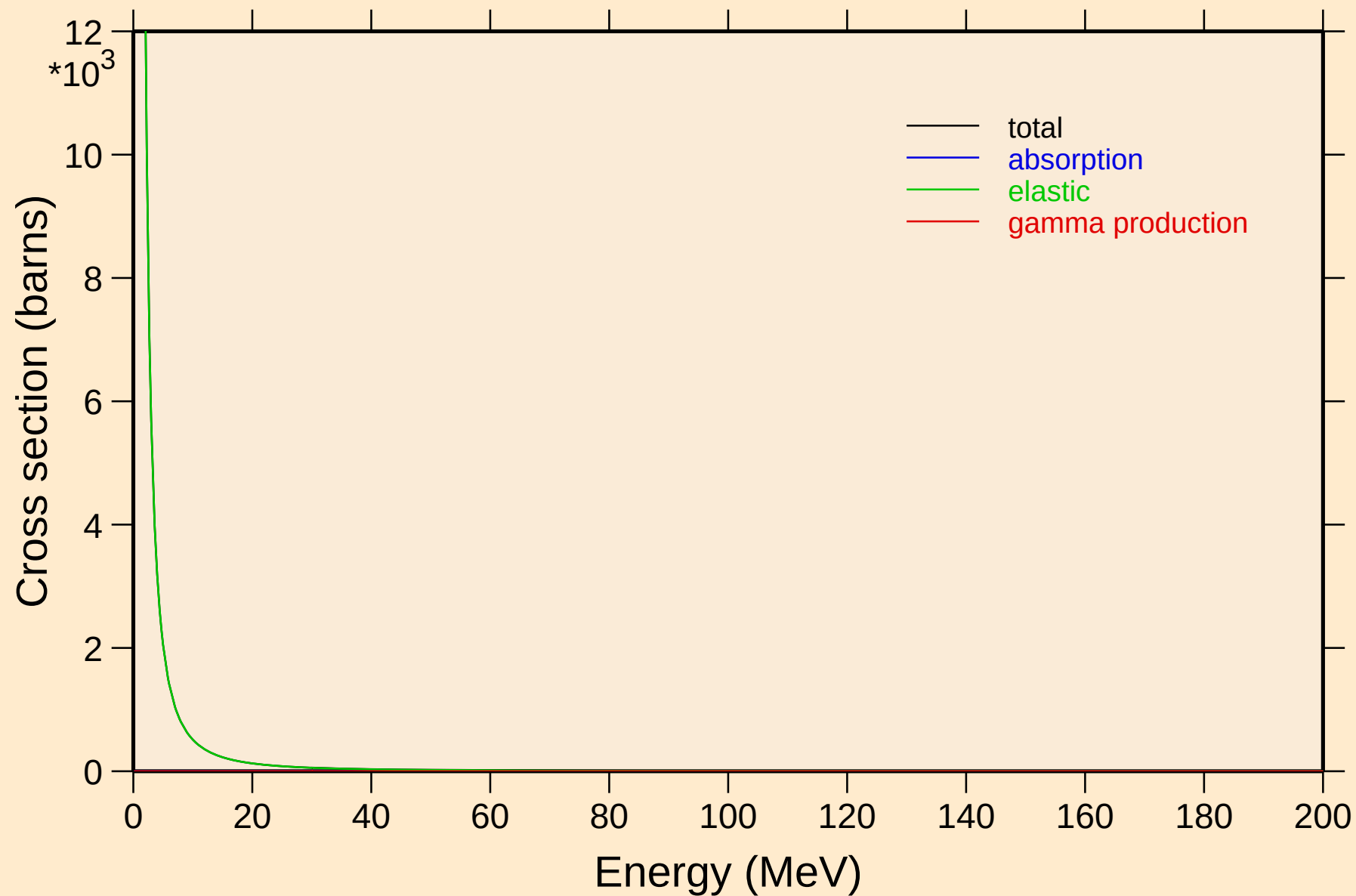
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



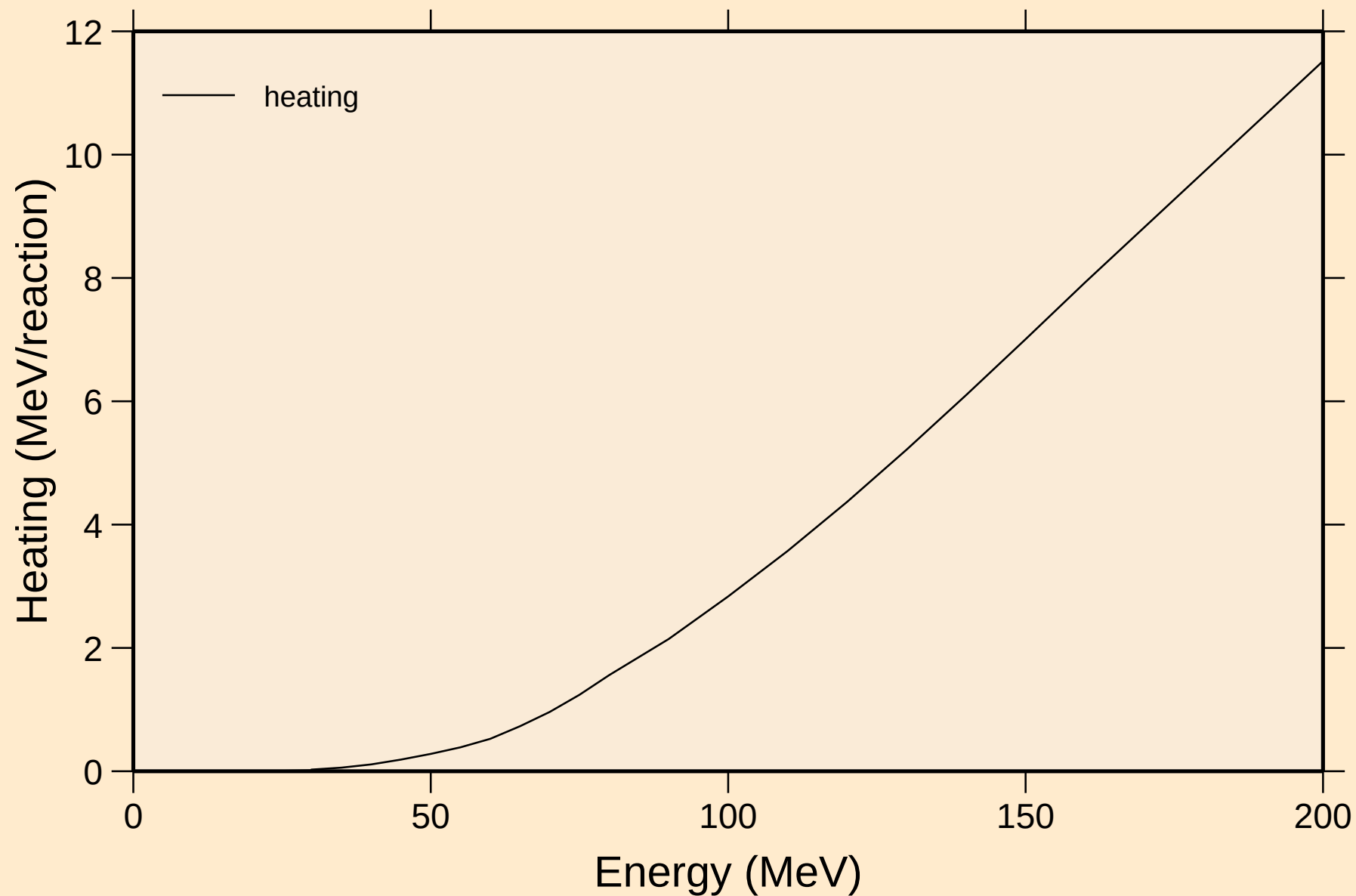
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



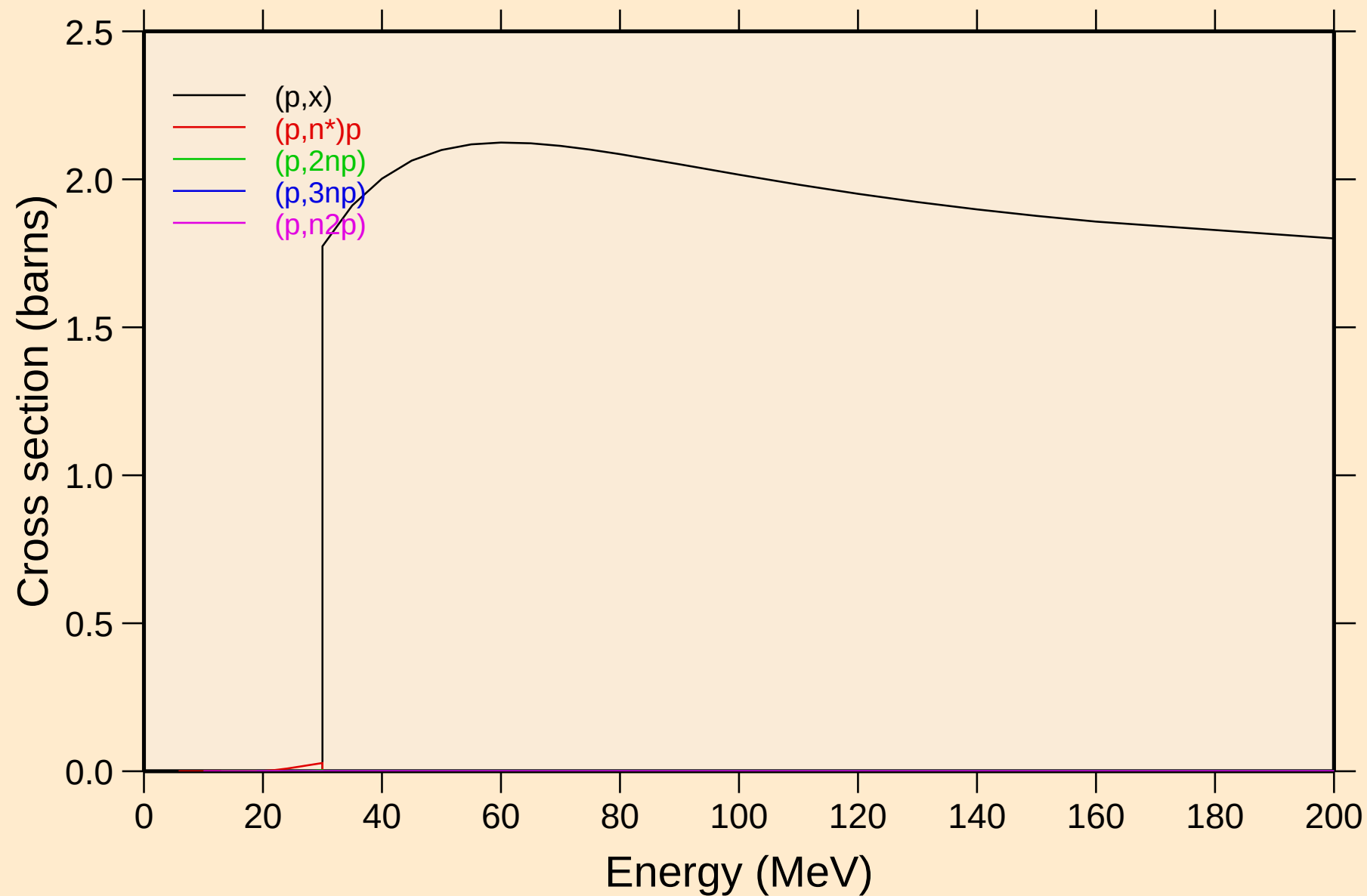
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



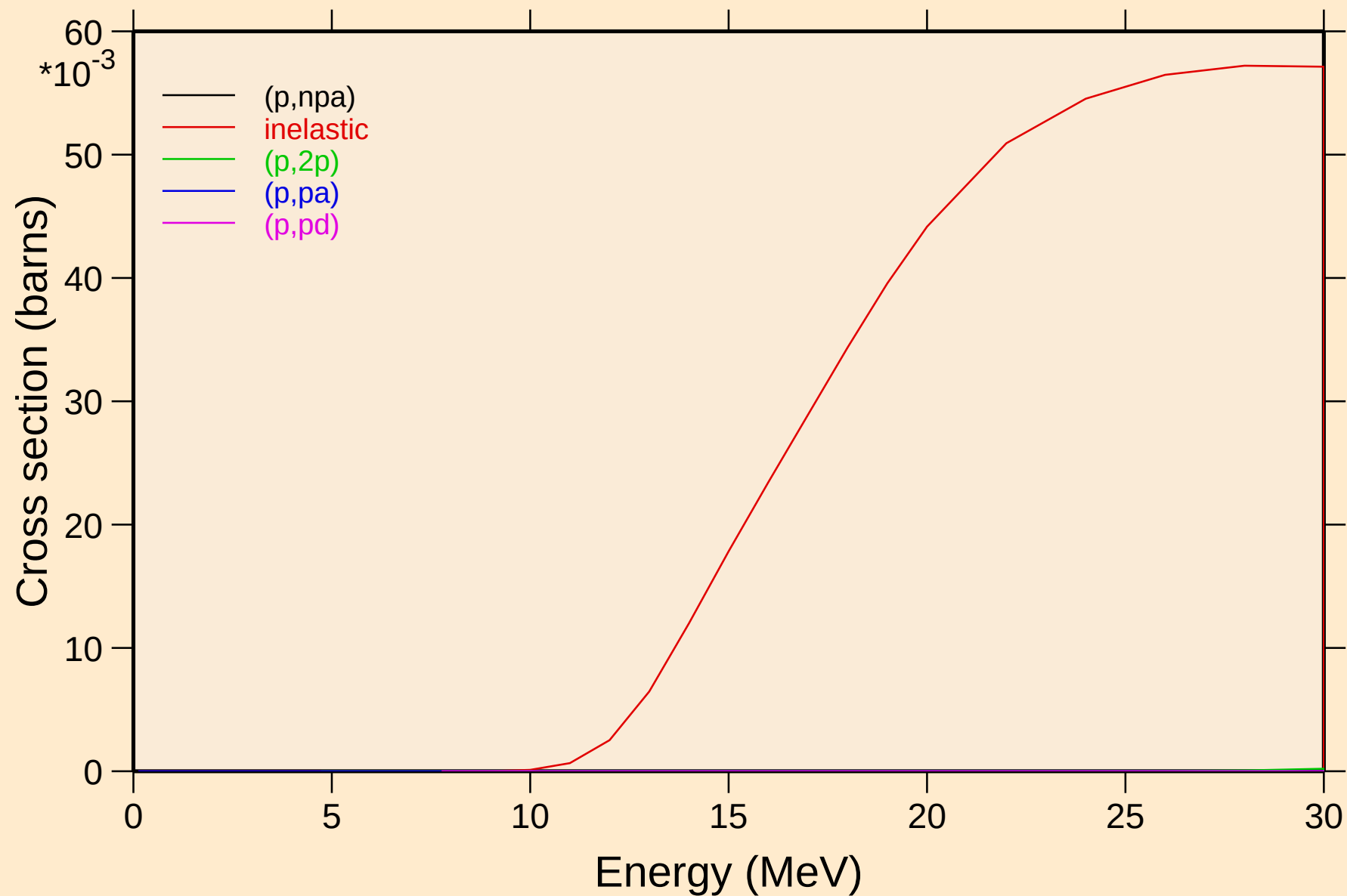
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

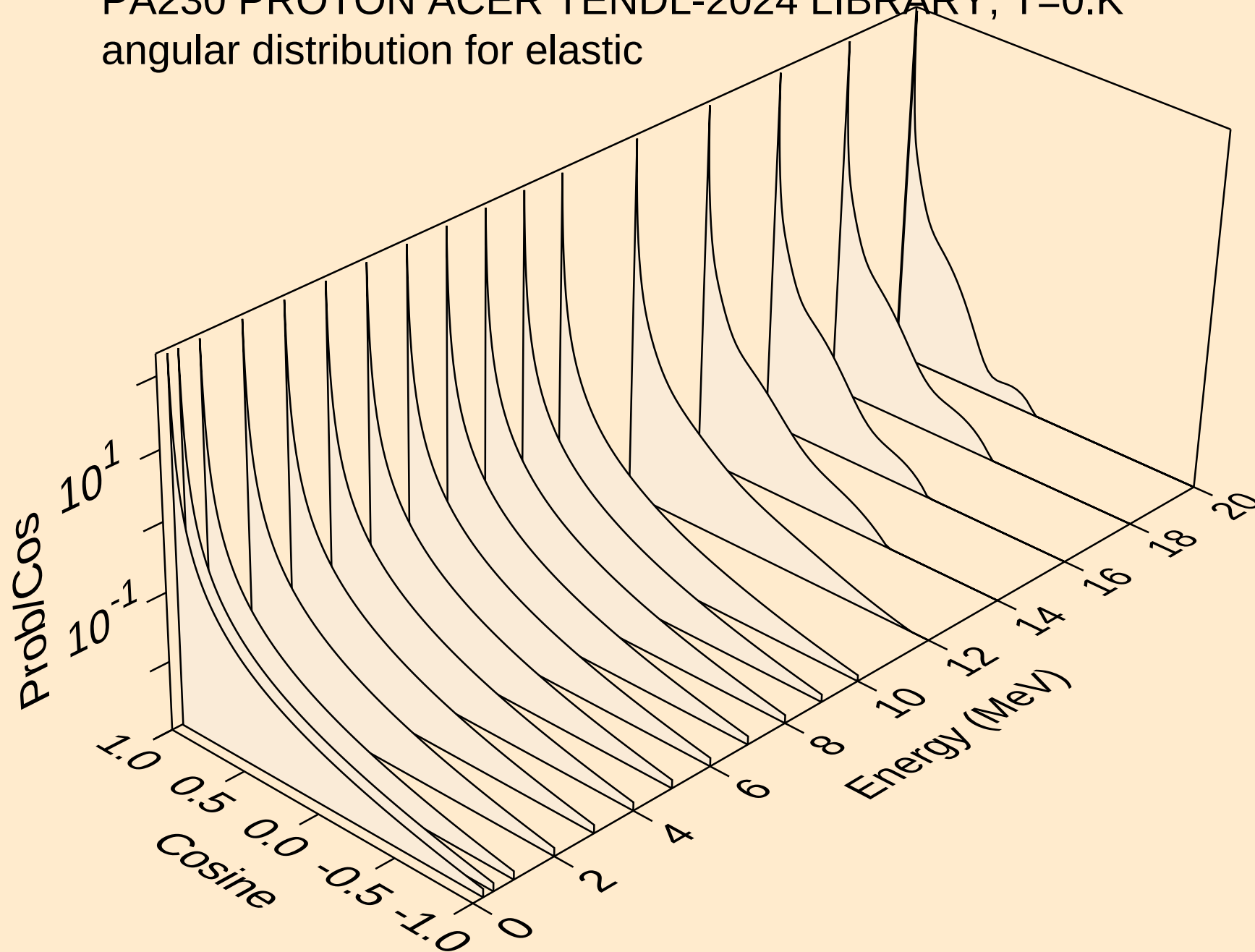


PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

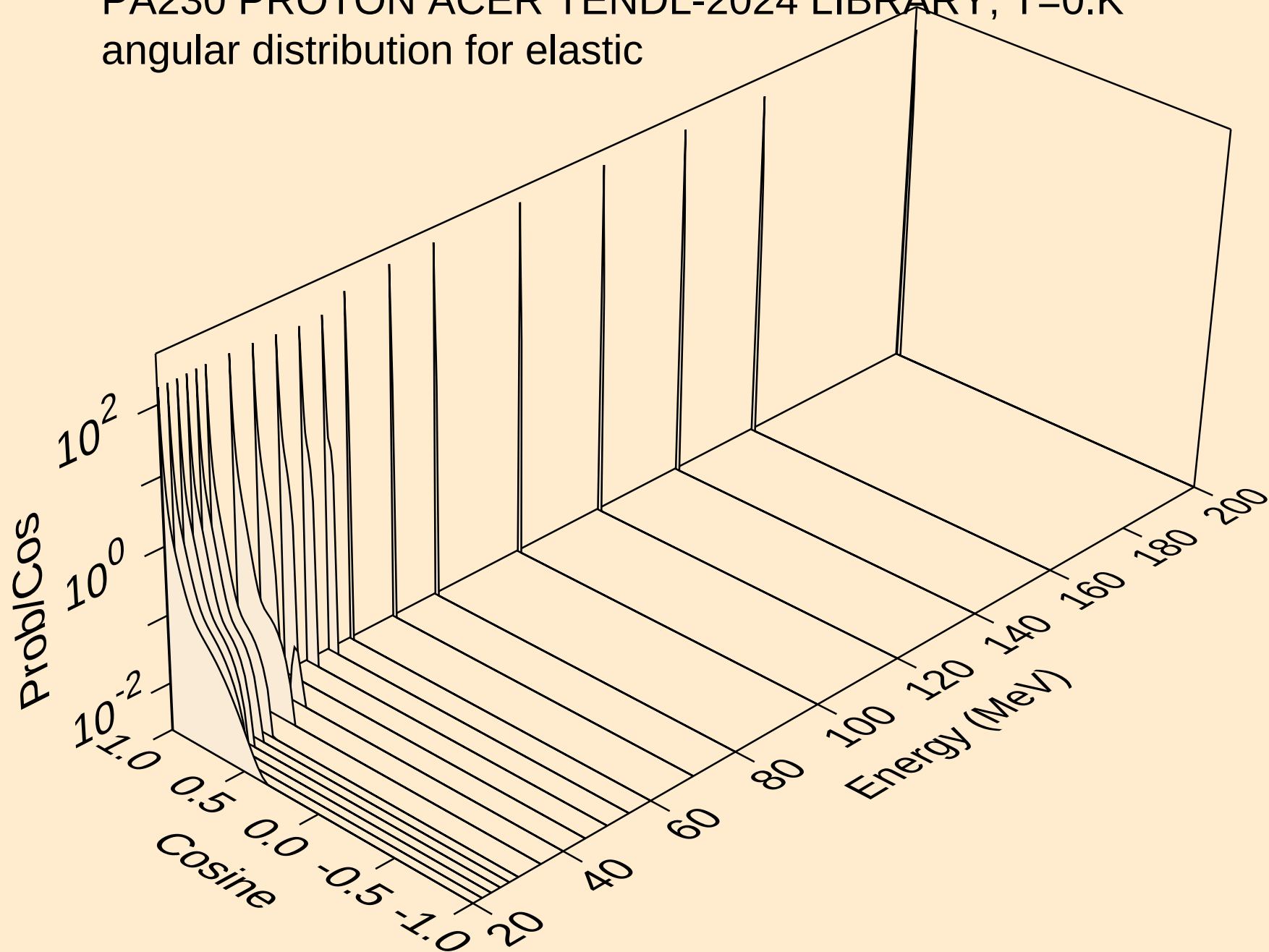
Threshold reactions



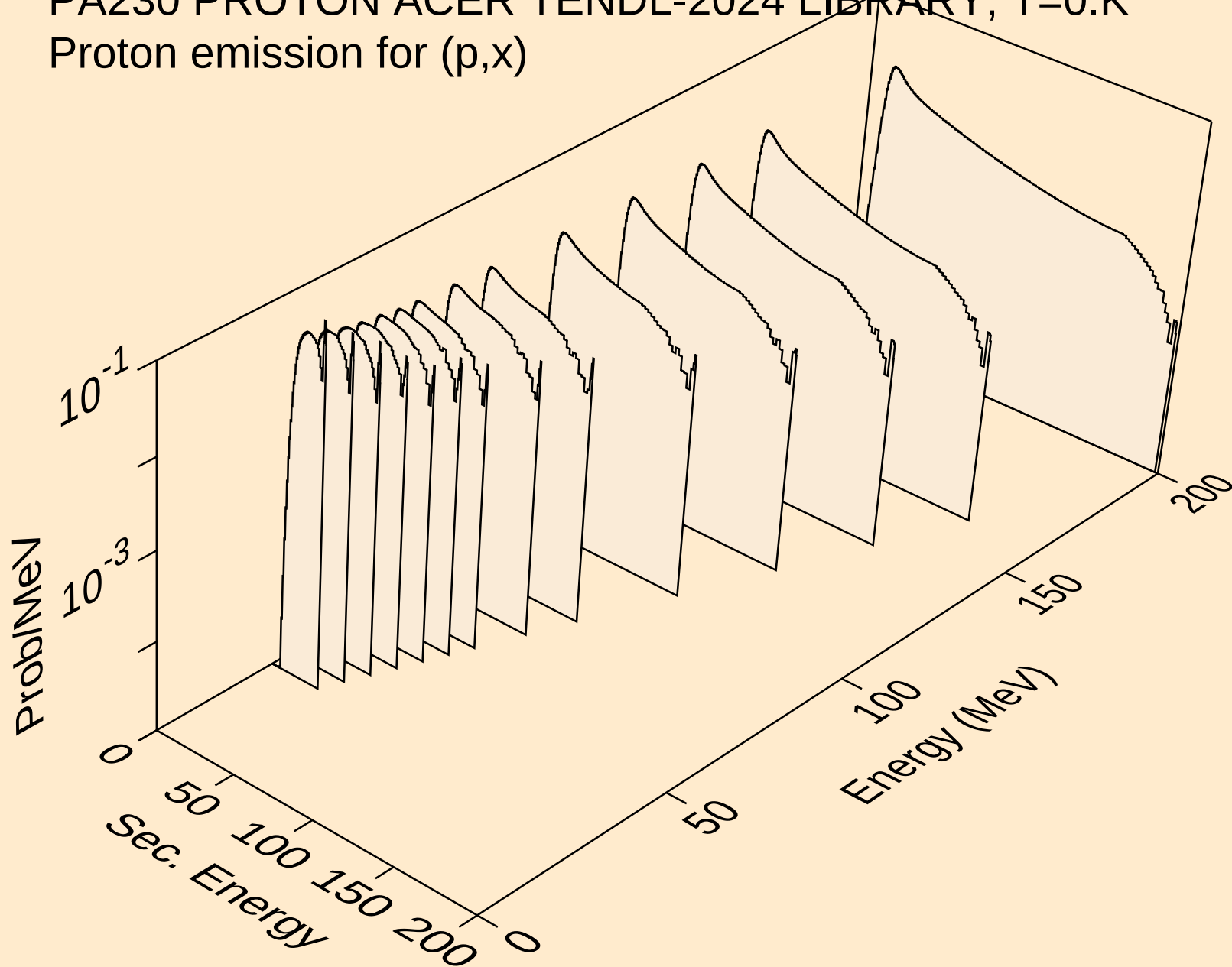
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

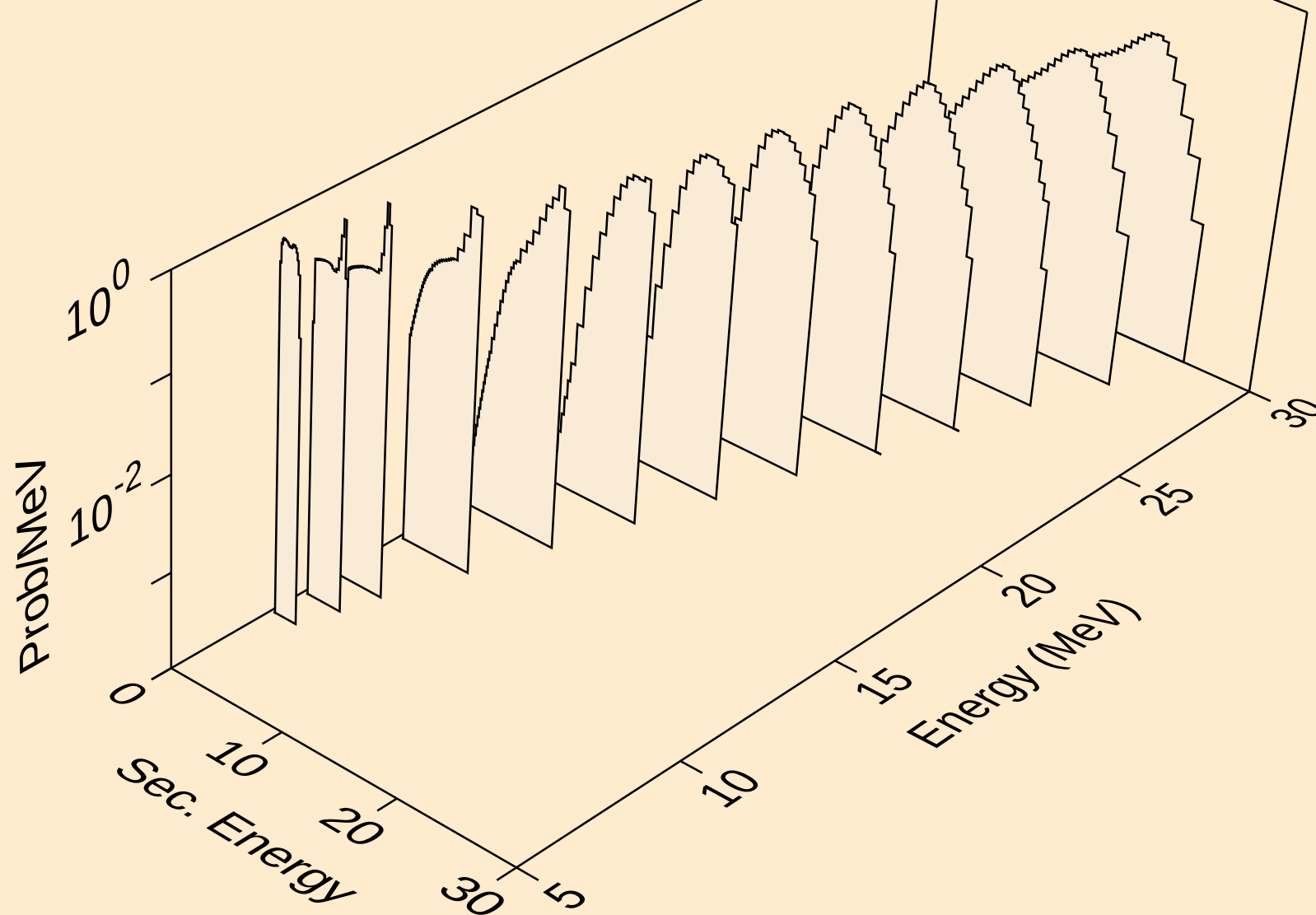


PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,x)

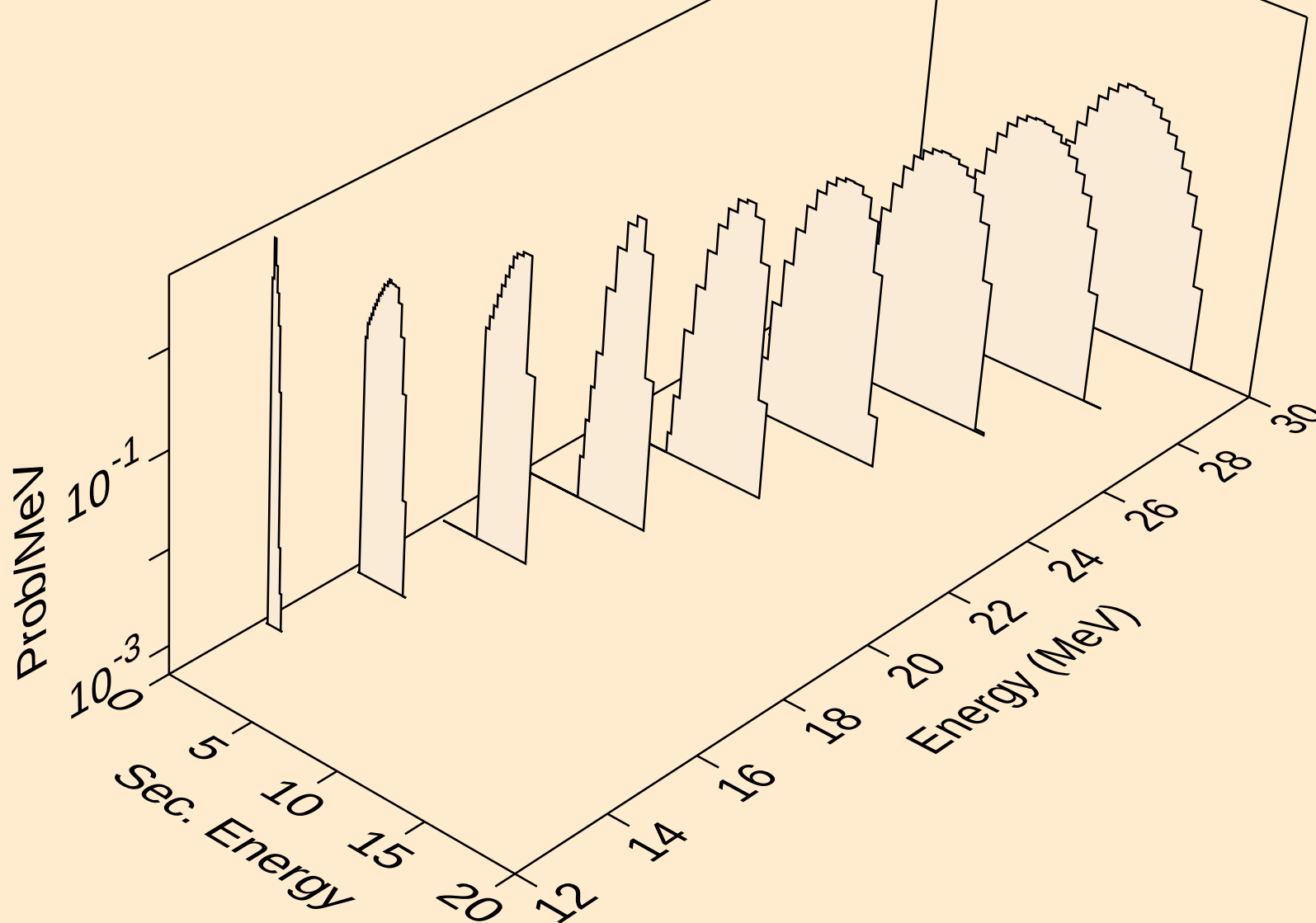


PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

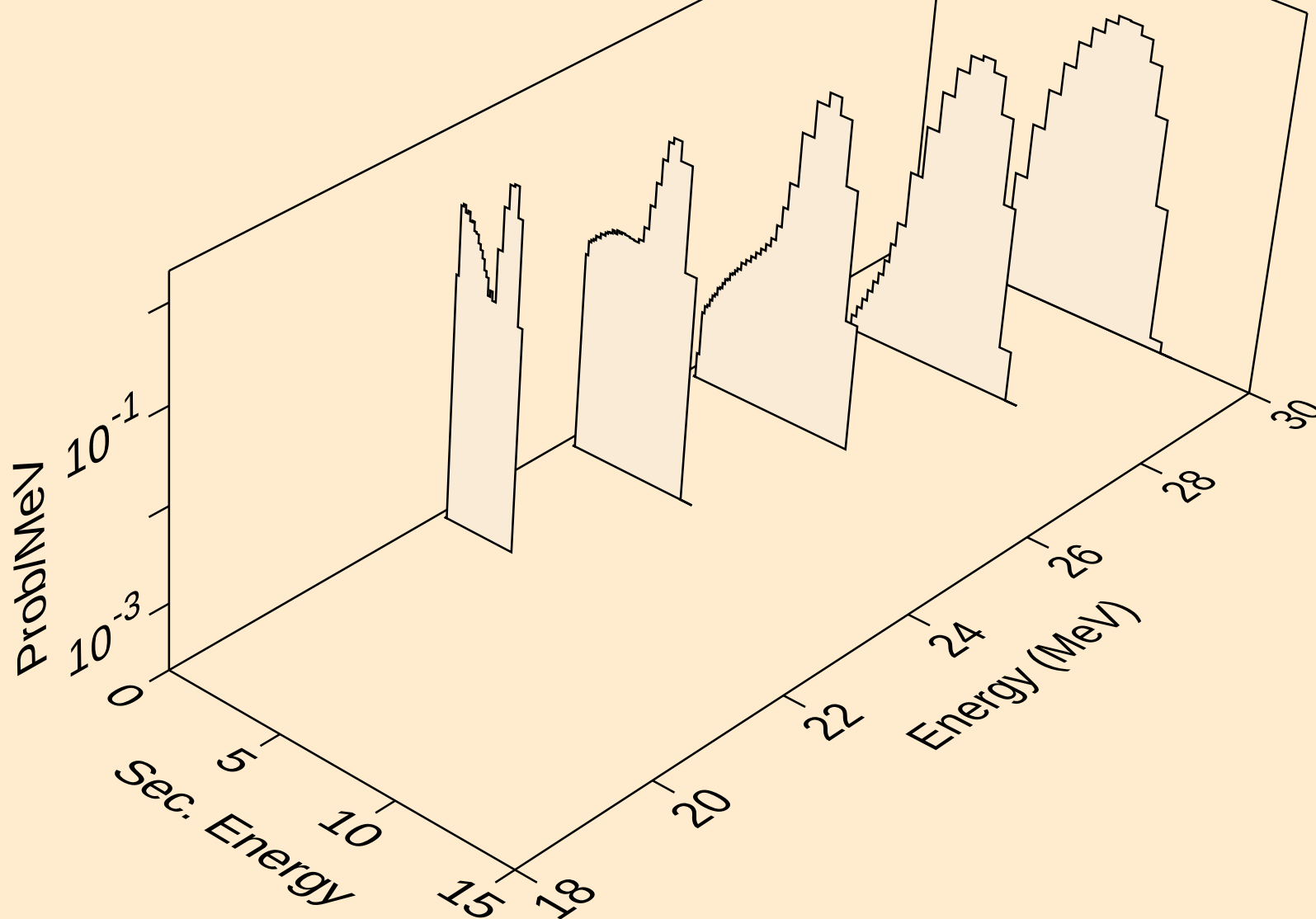
Proton emission for (p,n*)p



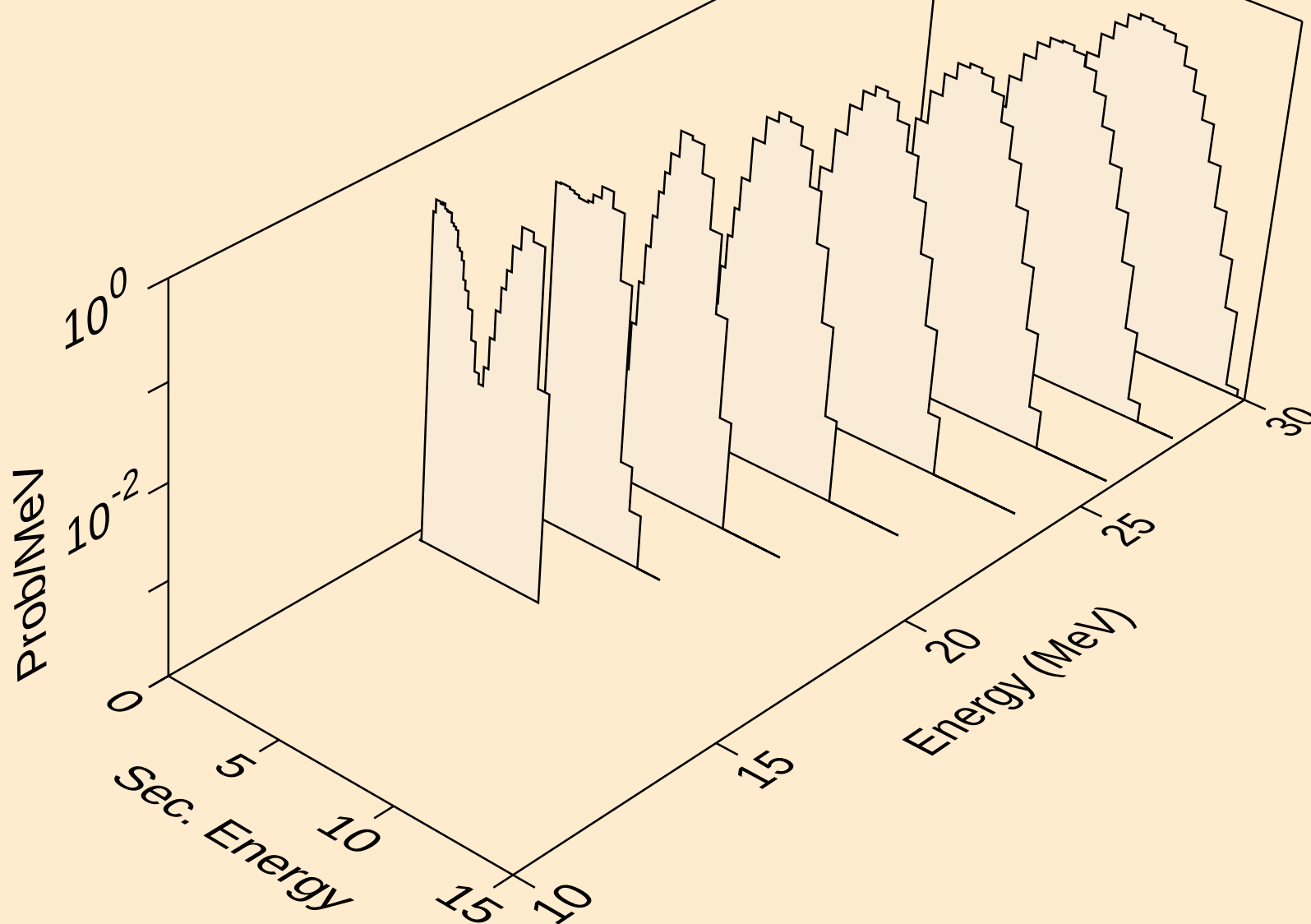
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2np)



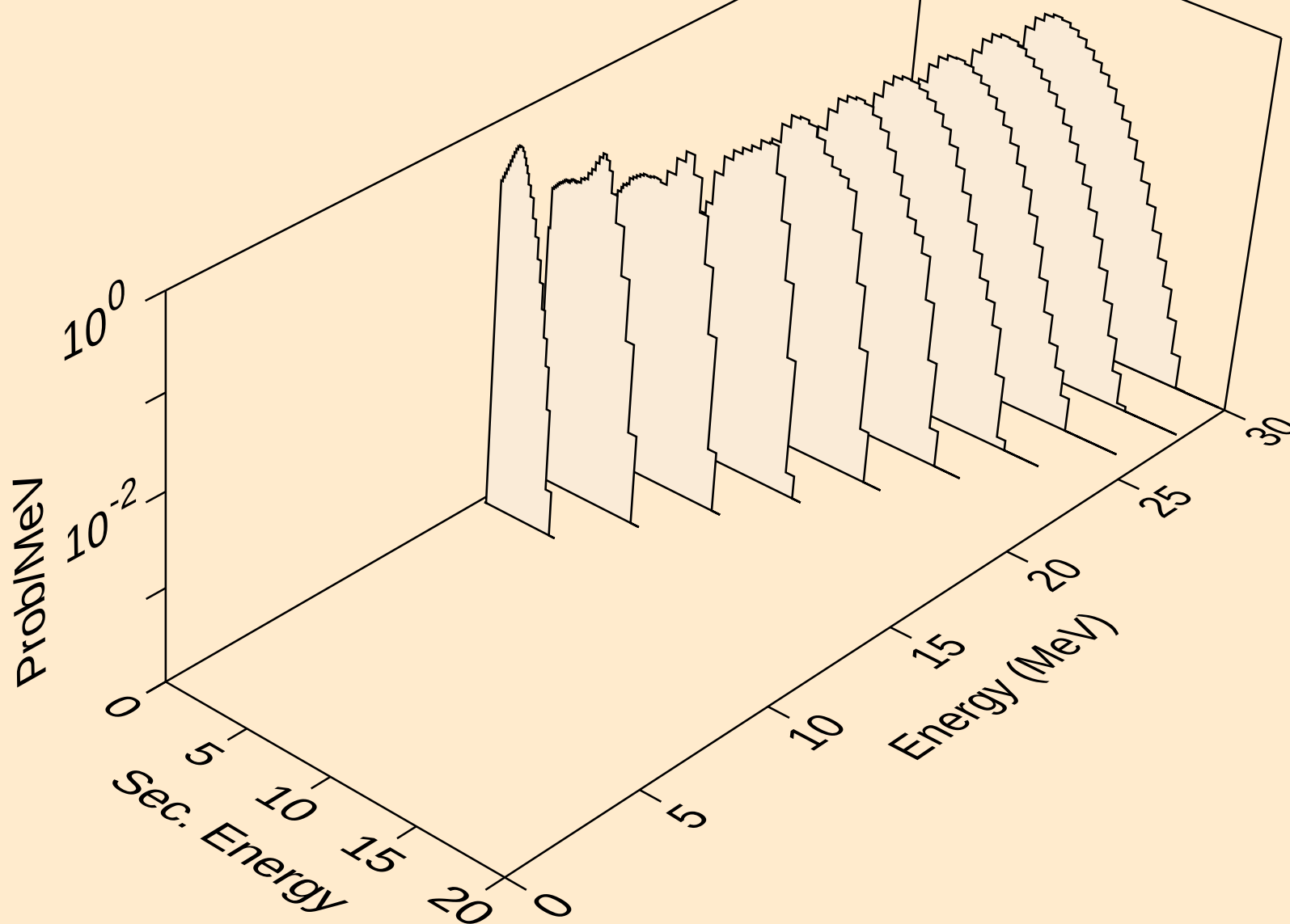
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,3np)



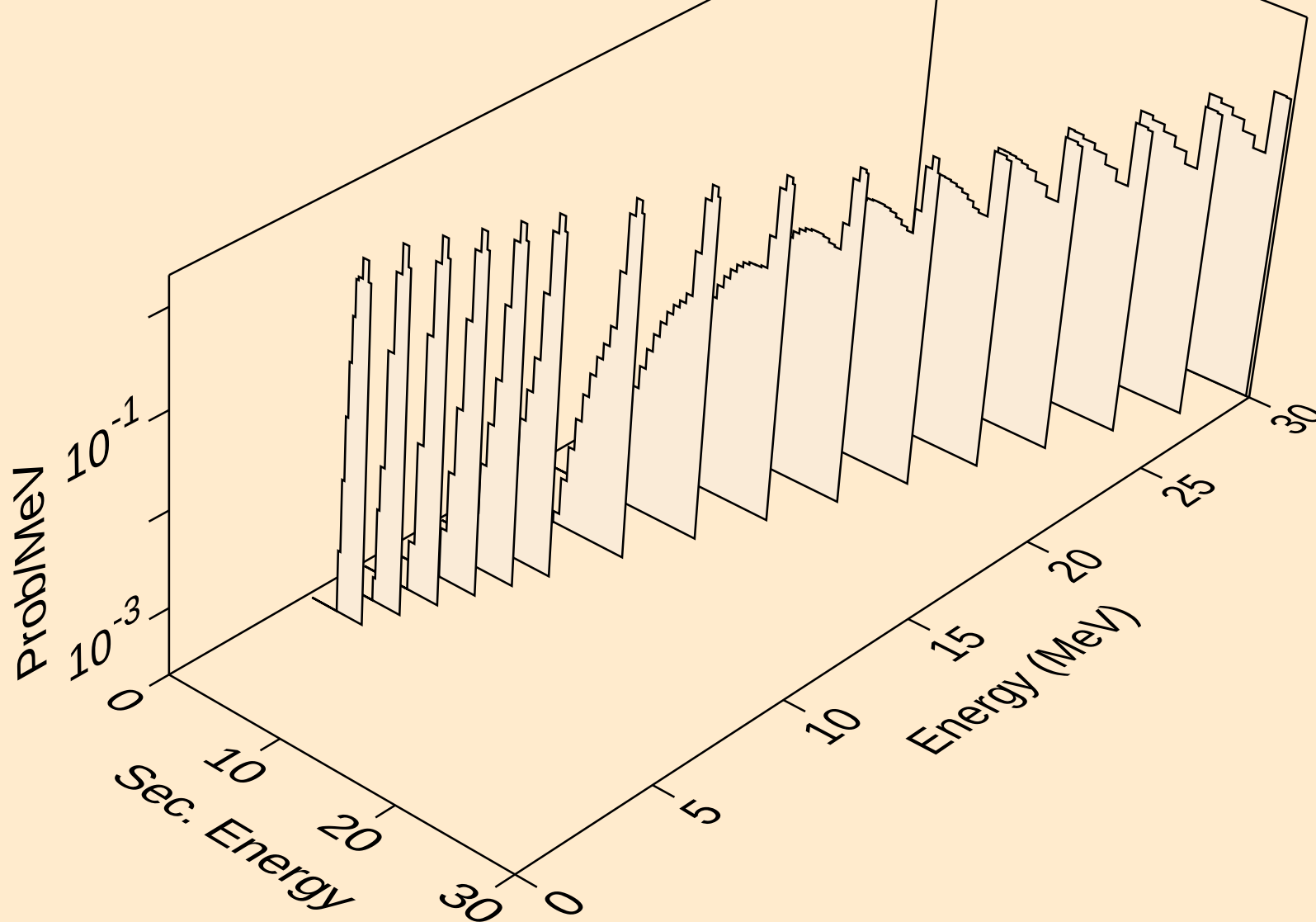
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,n2p)



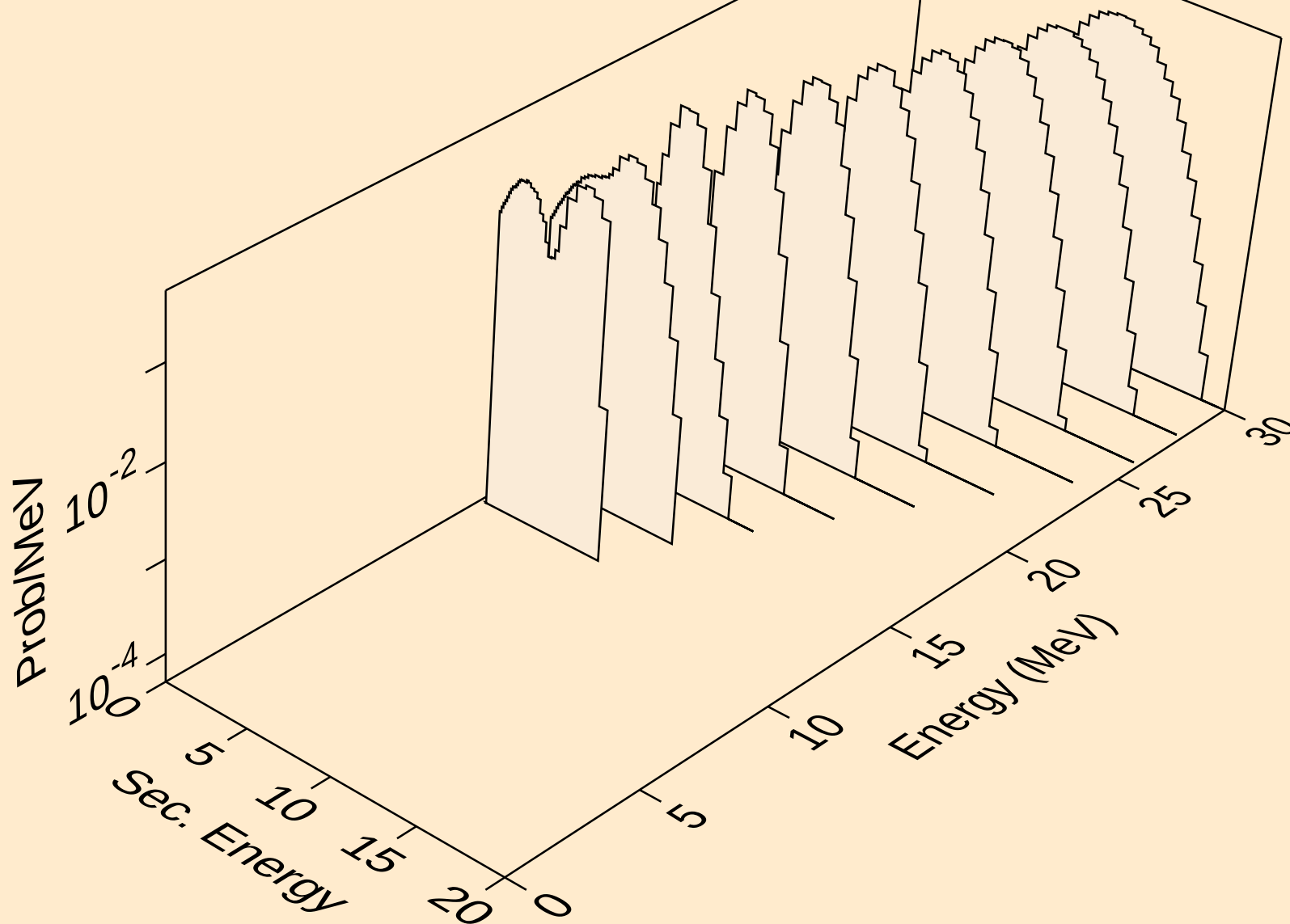
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,npa)



PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for inelastic

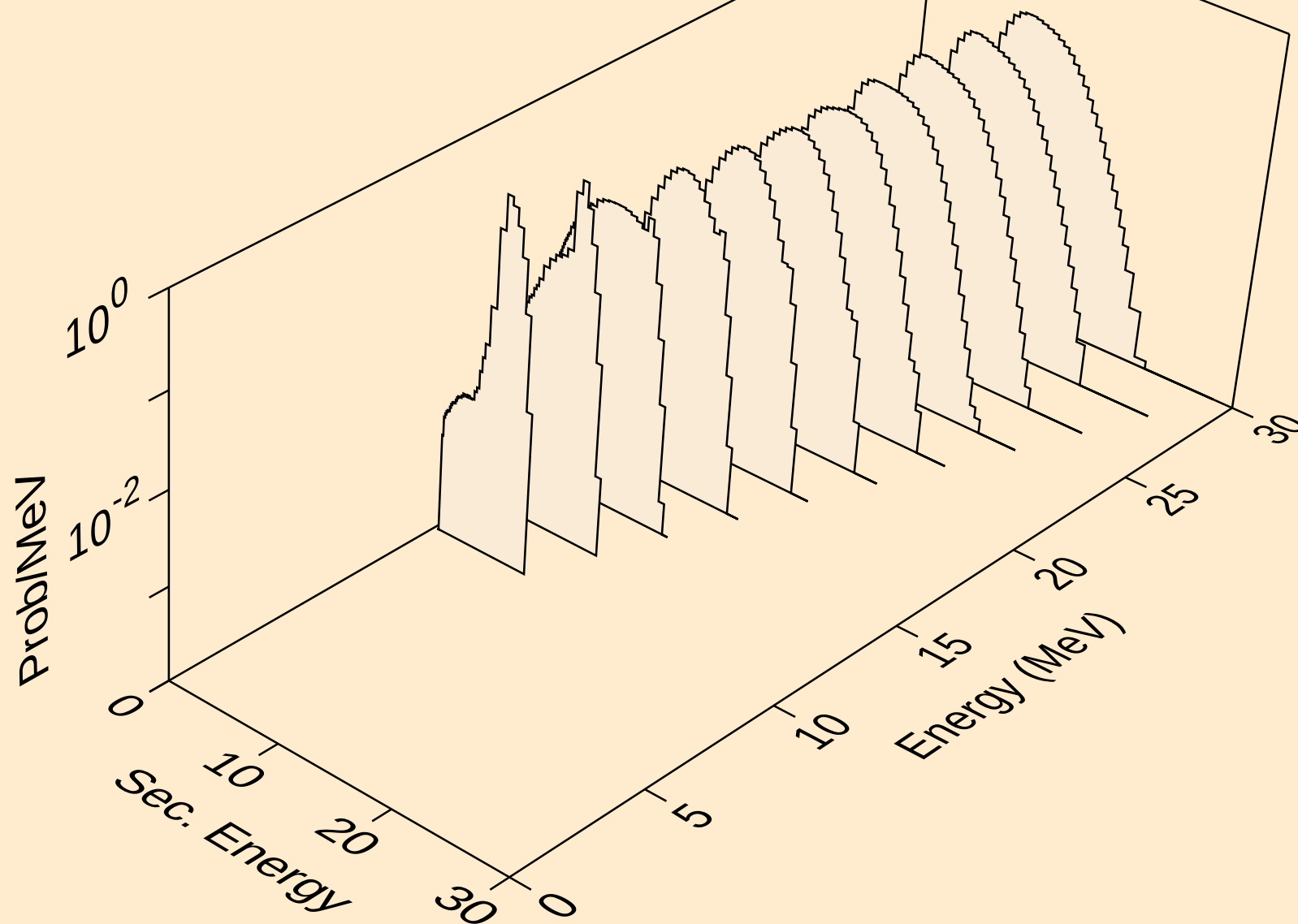


PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2p)

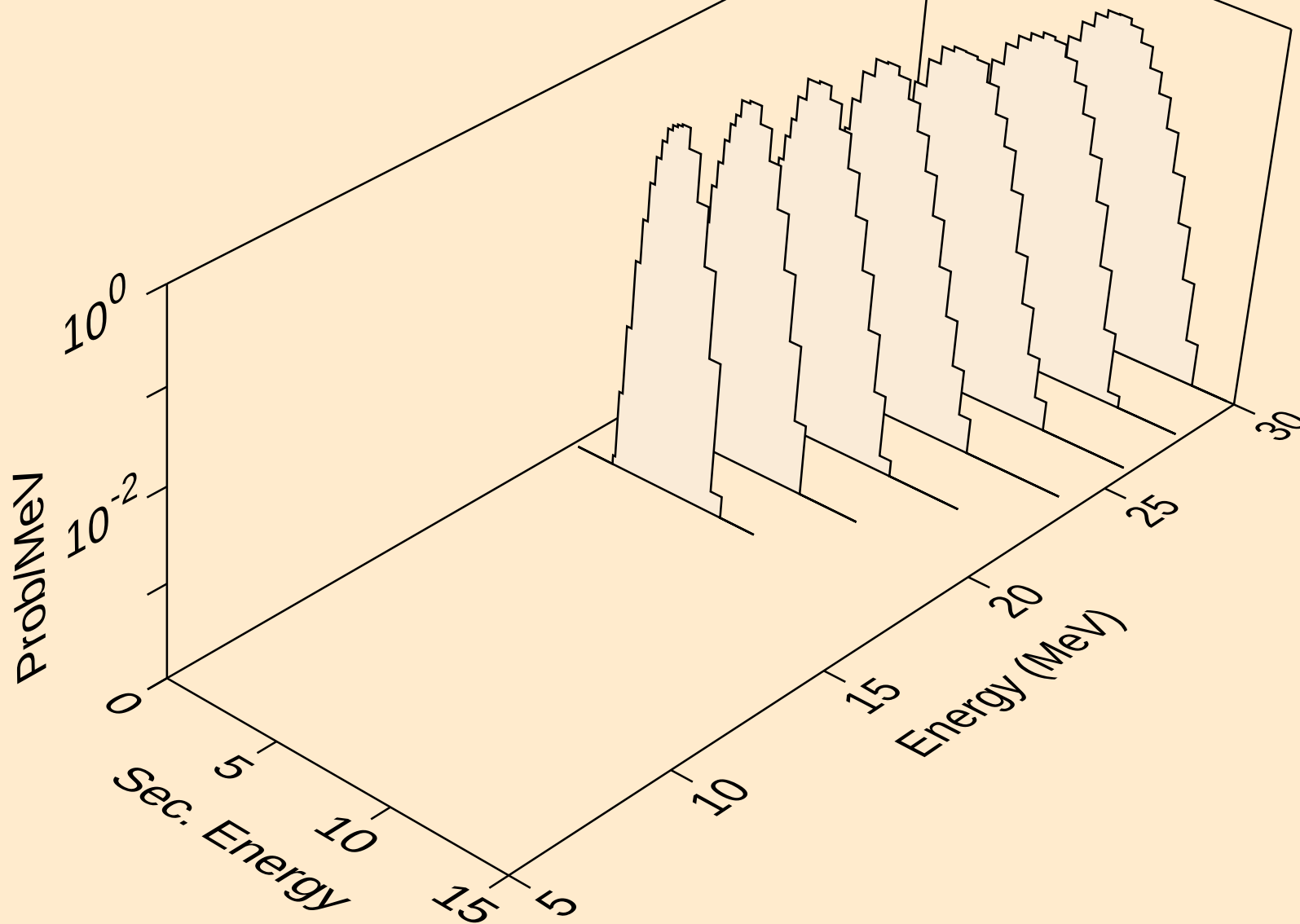


PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

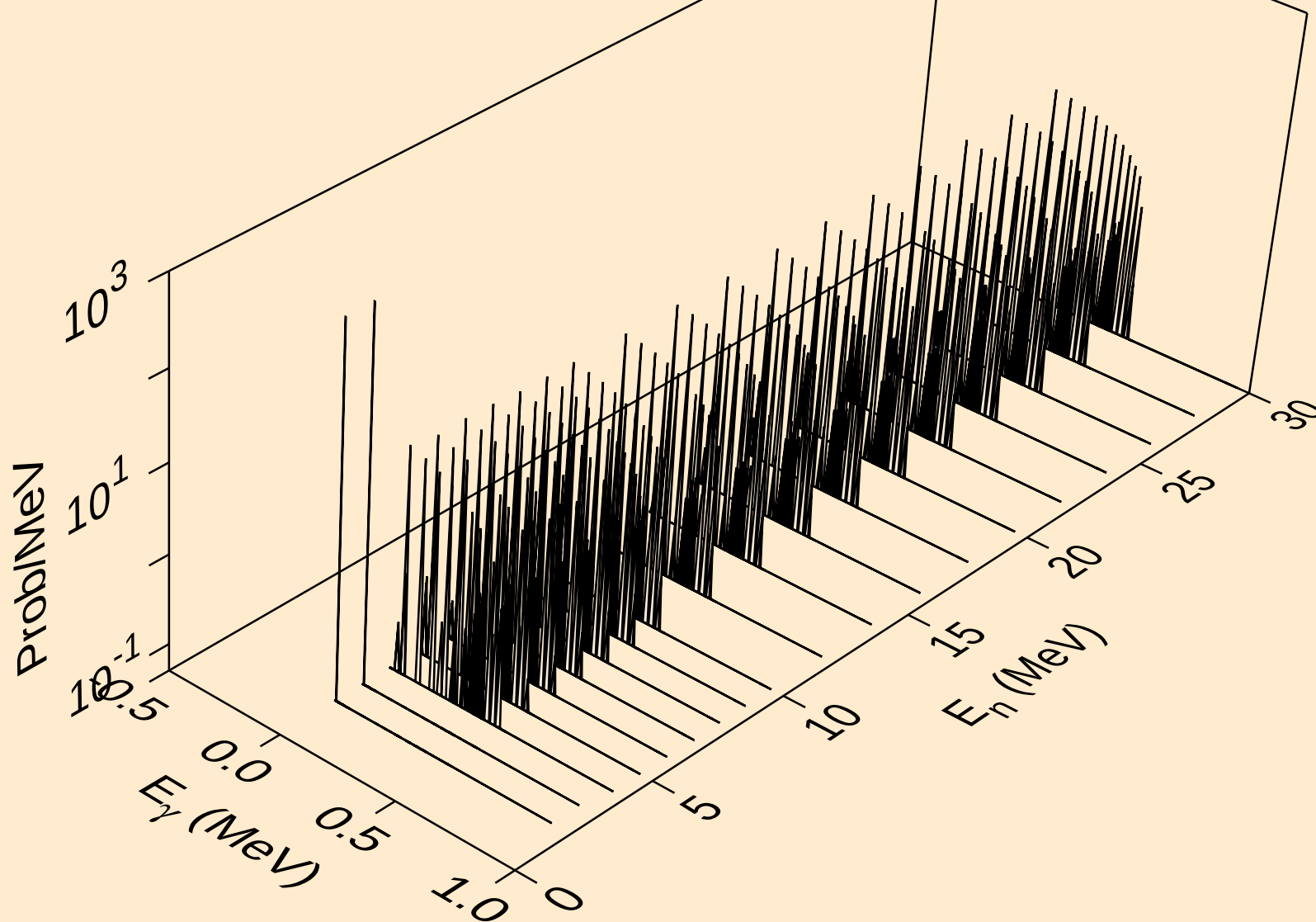
Proton emission for (p,pa)



PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pd)

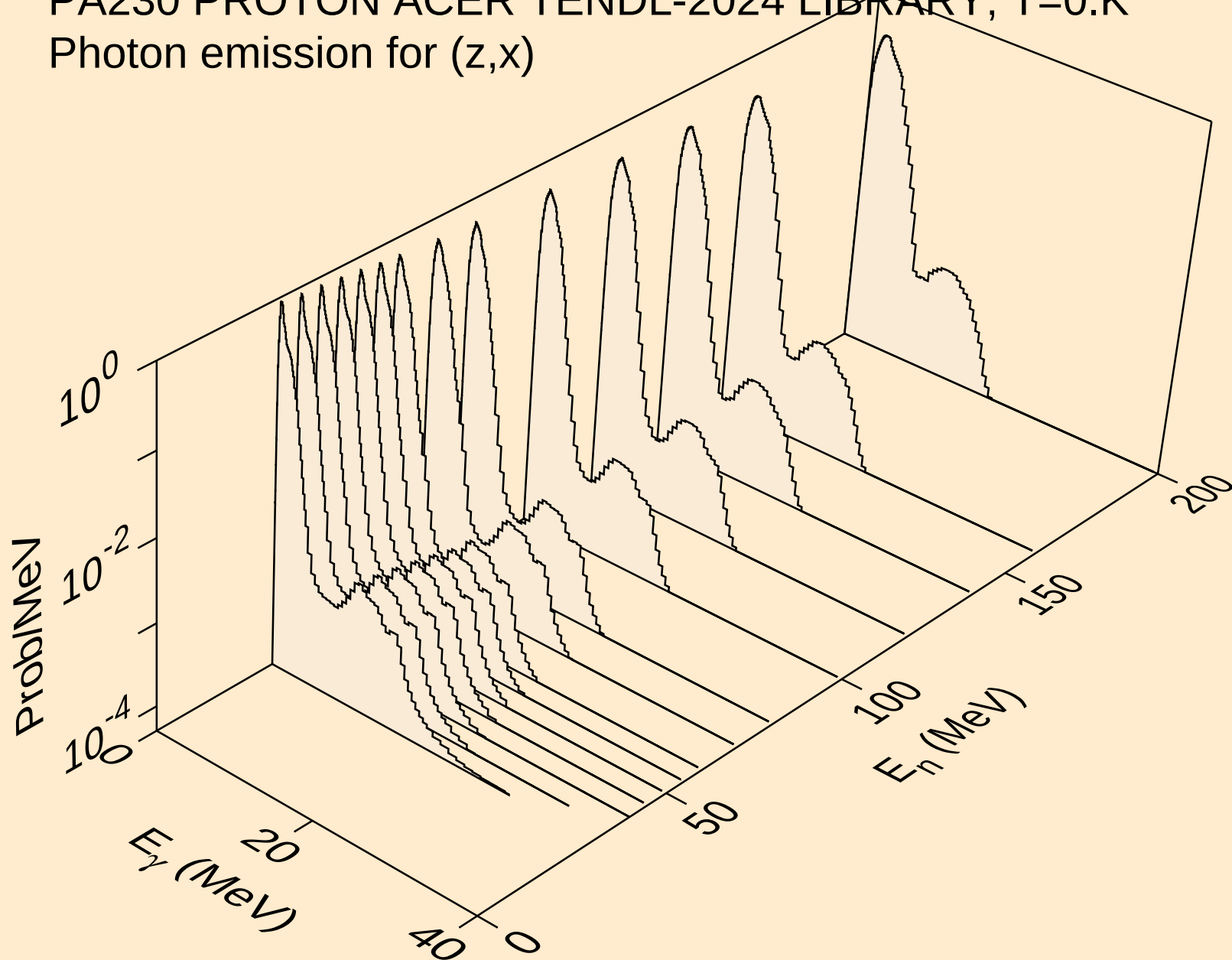


PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (z,n)

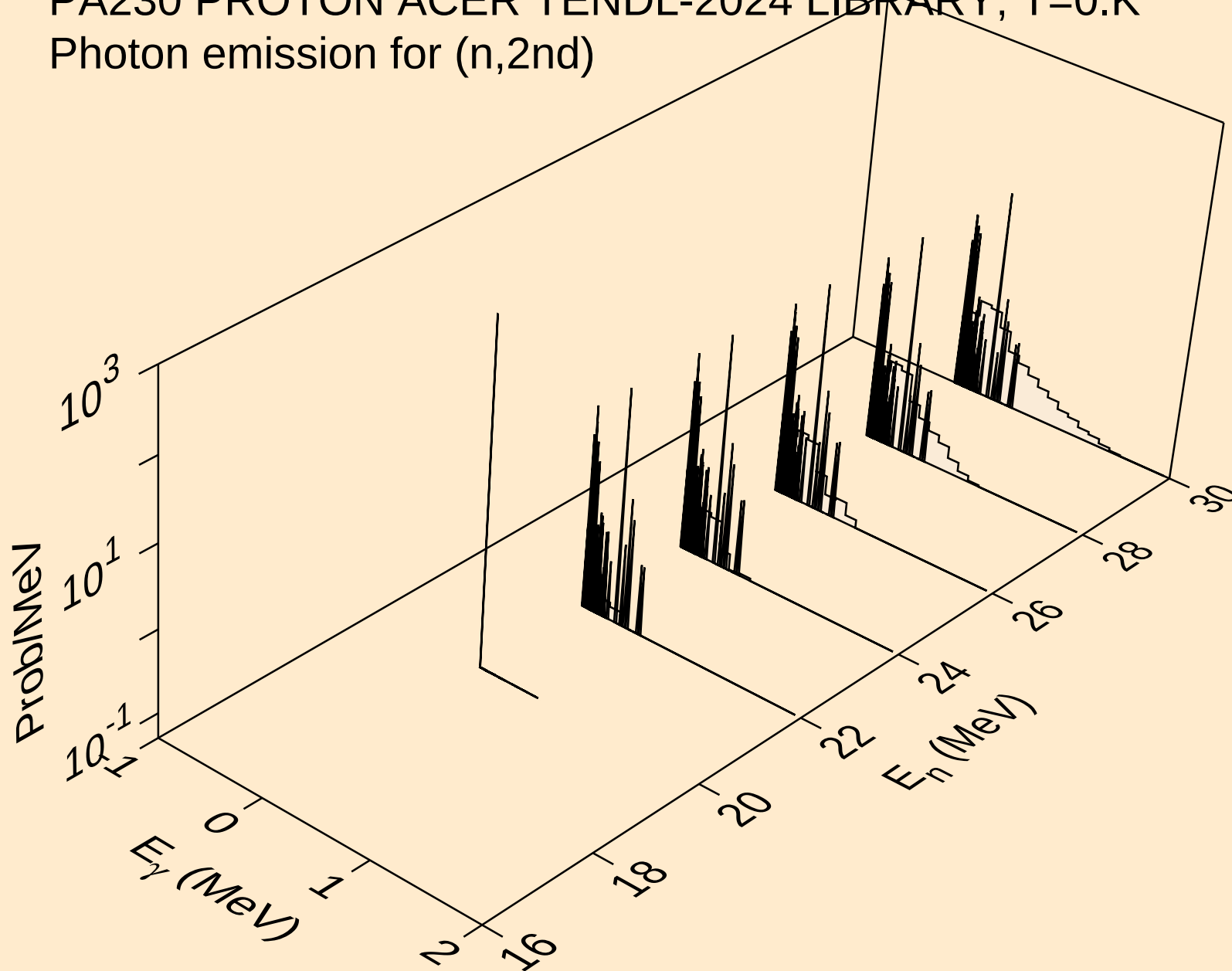


PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

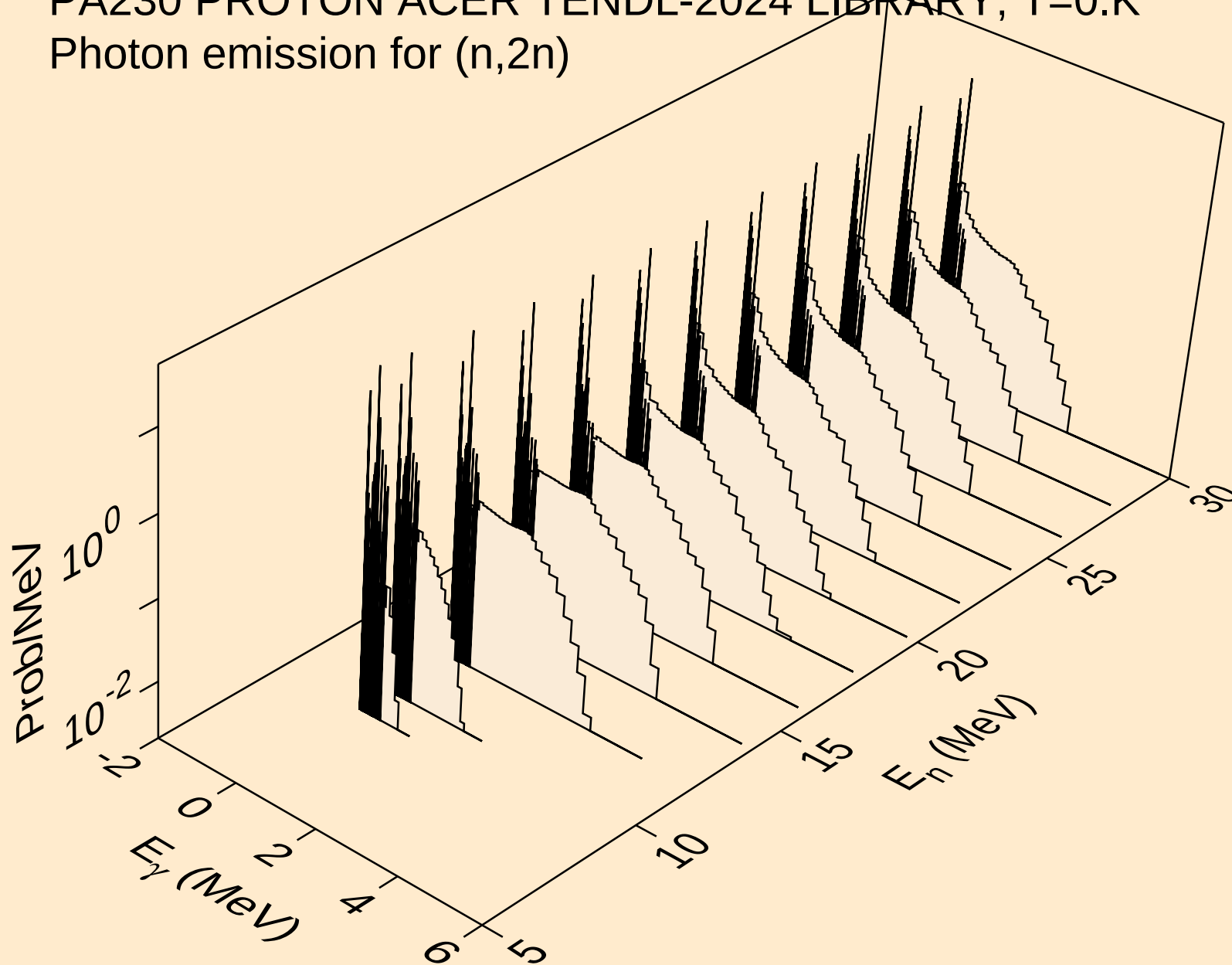
Photon emission for (z,x)



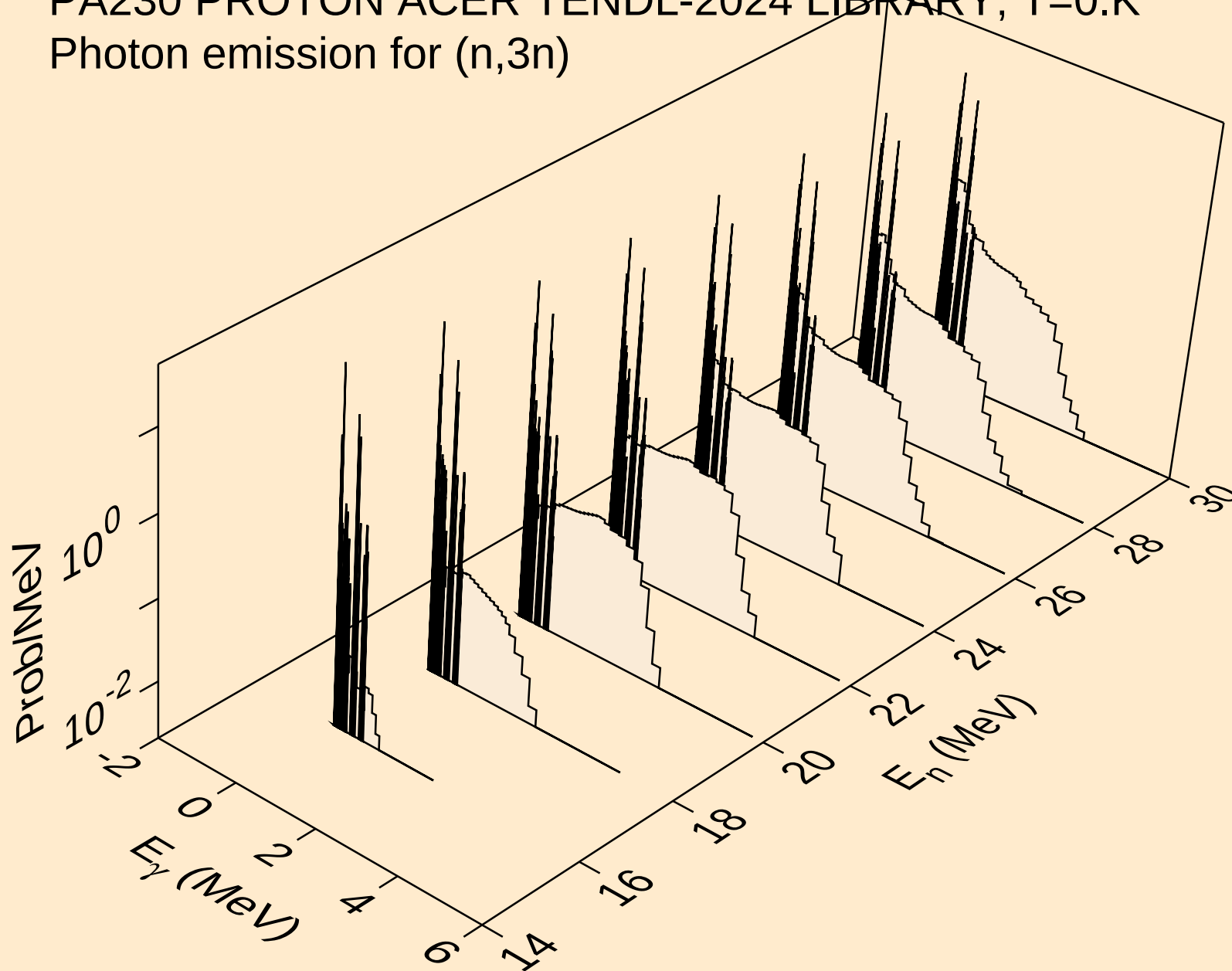
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2nd)



PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2n)

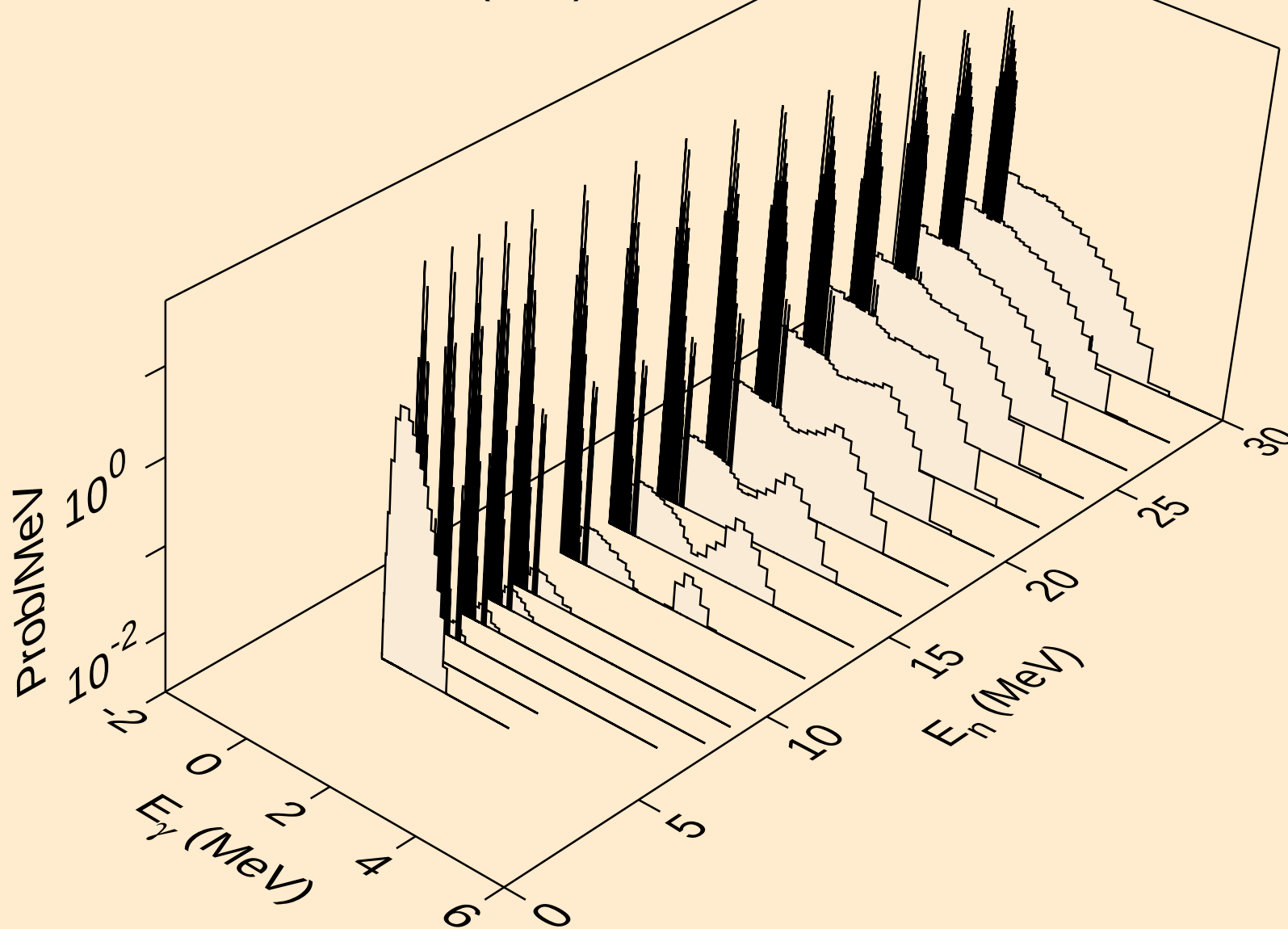


PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



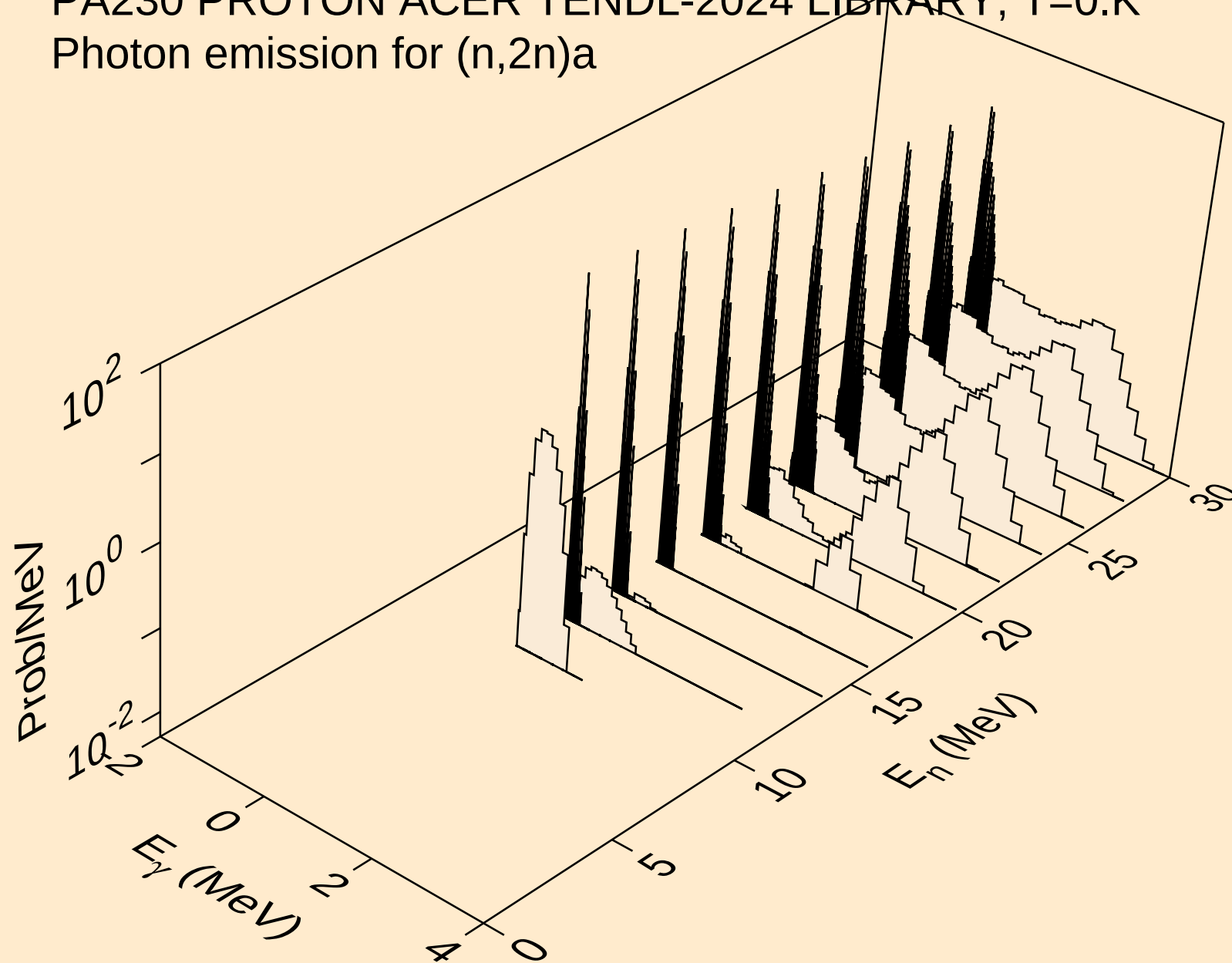
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



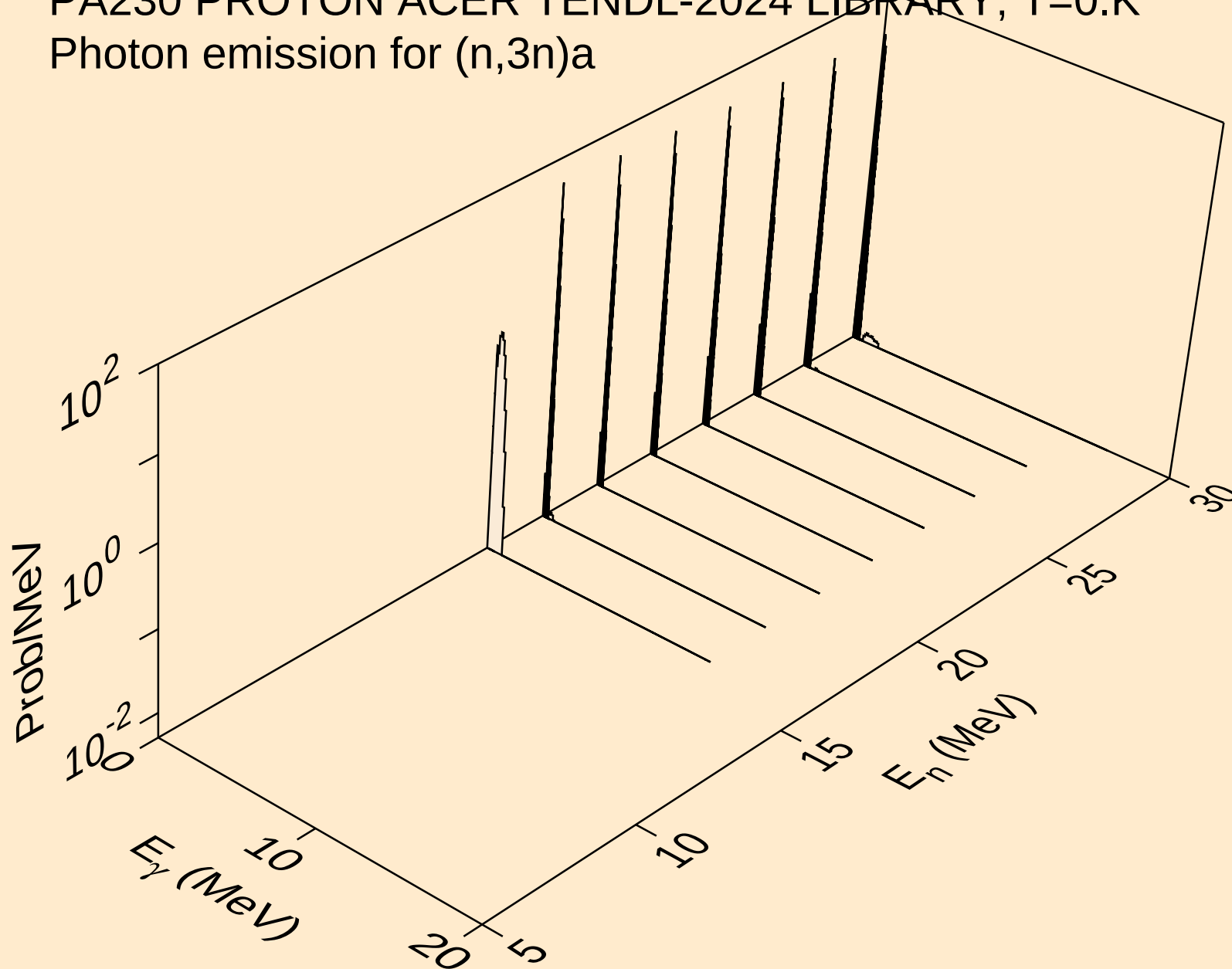
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



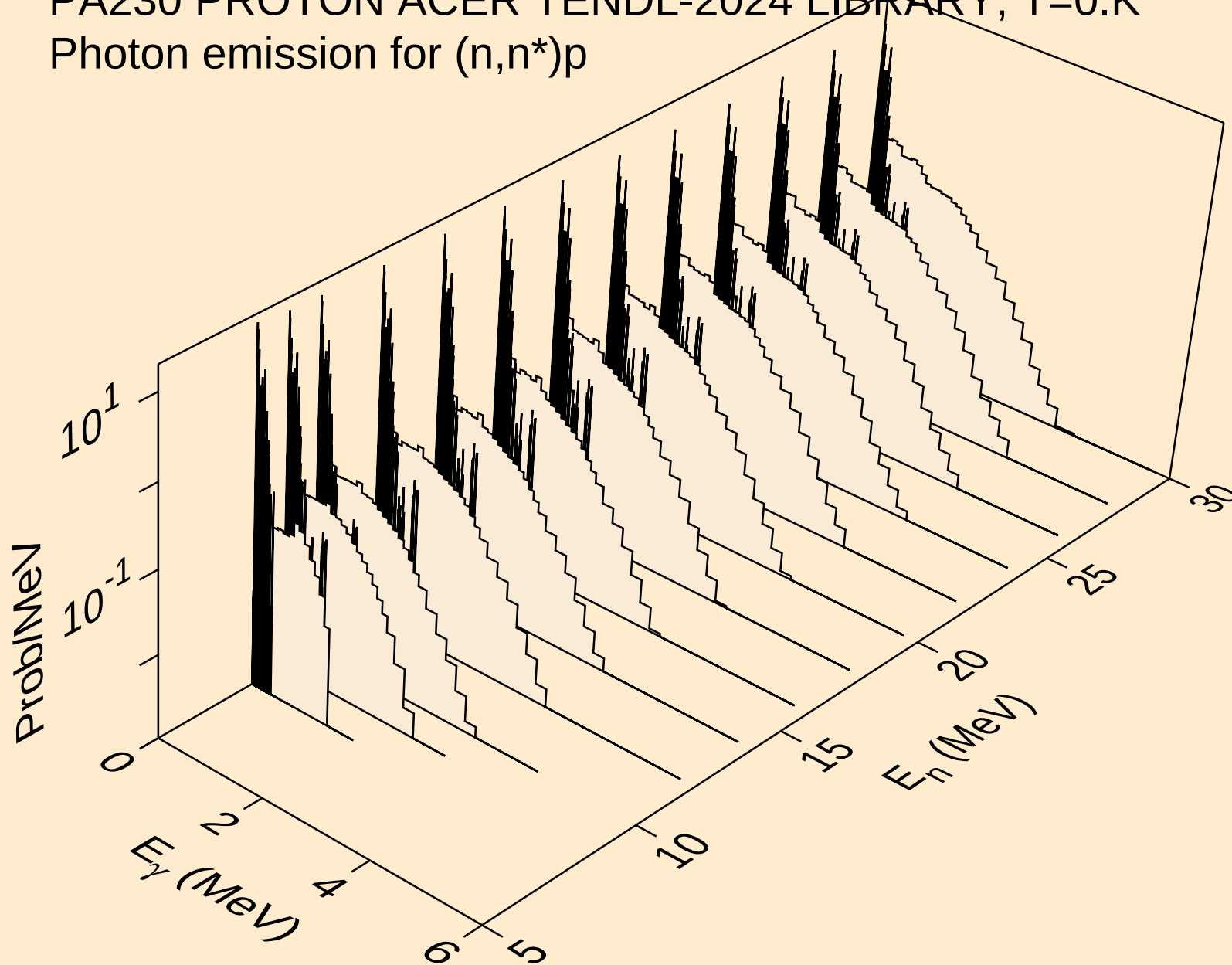
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n) α



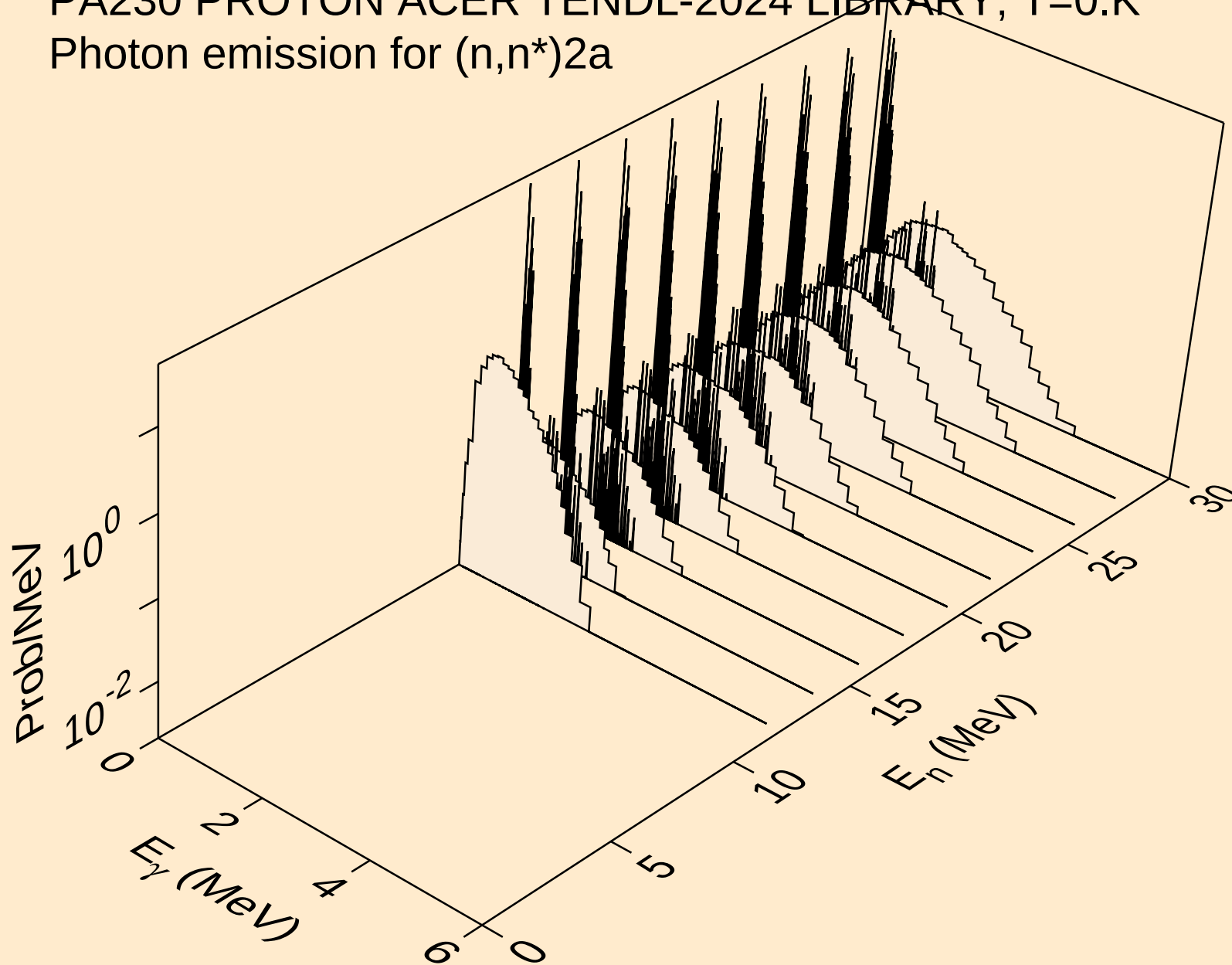
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



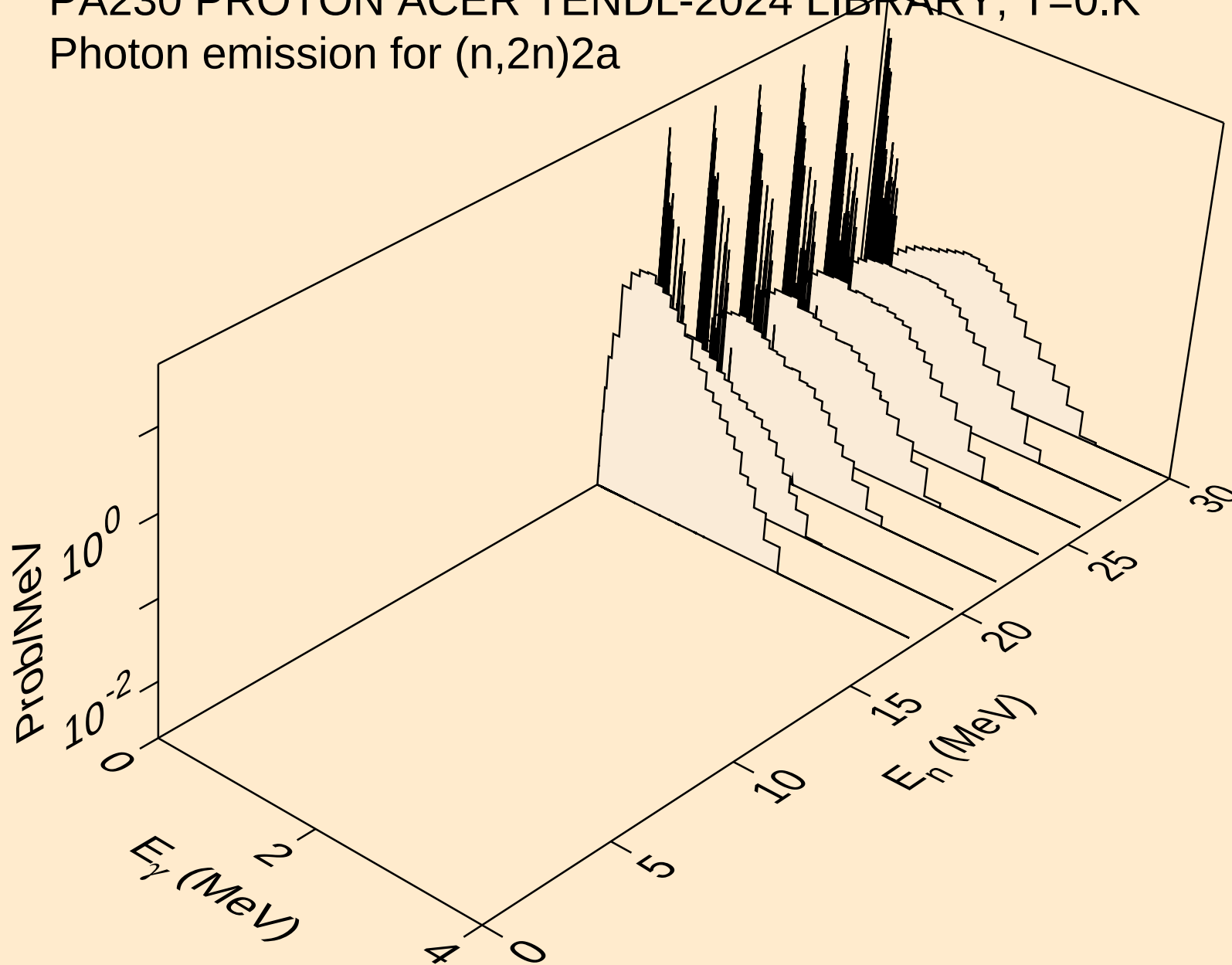
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)2a



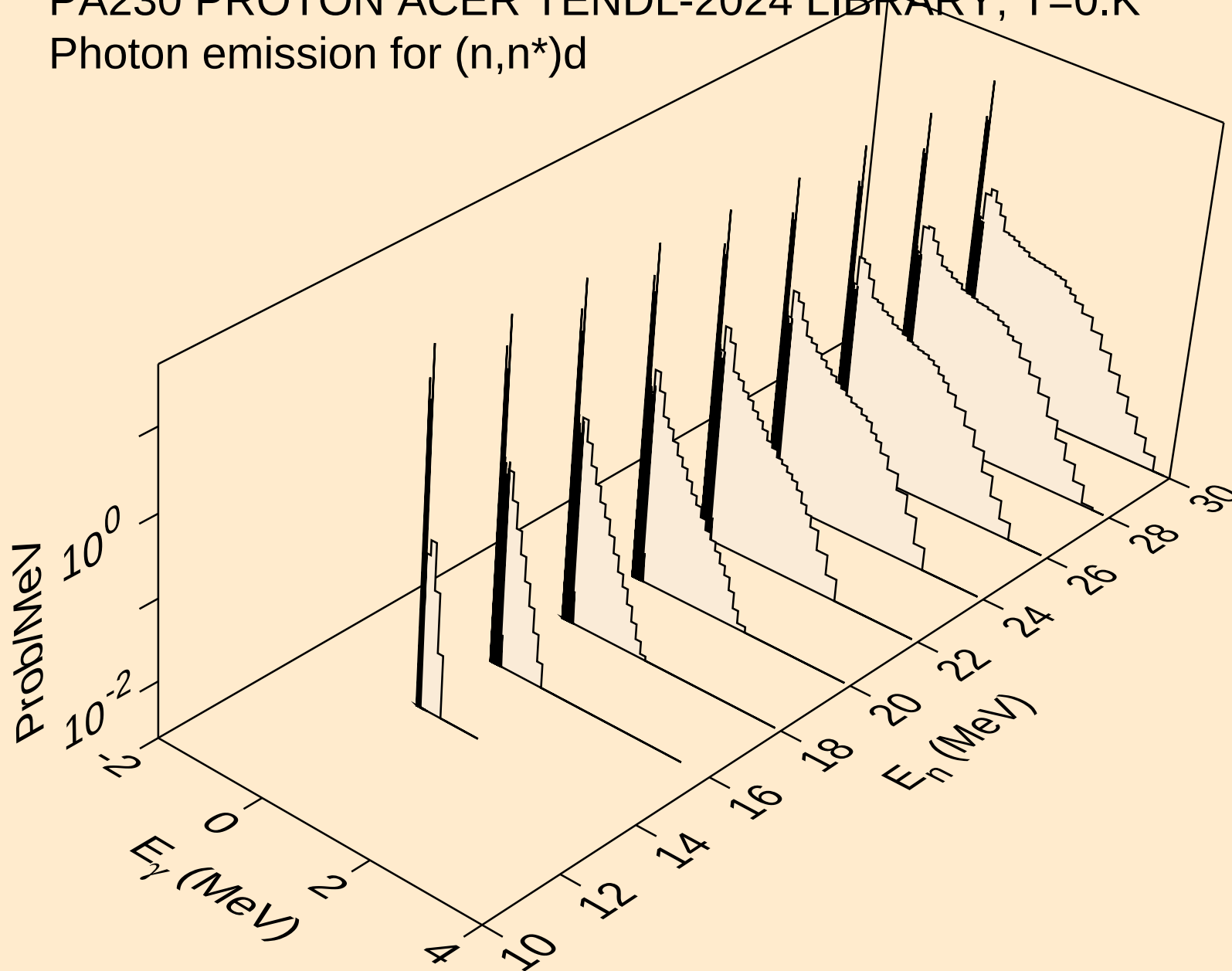
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n)2a



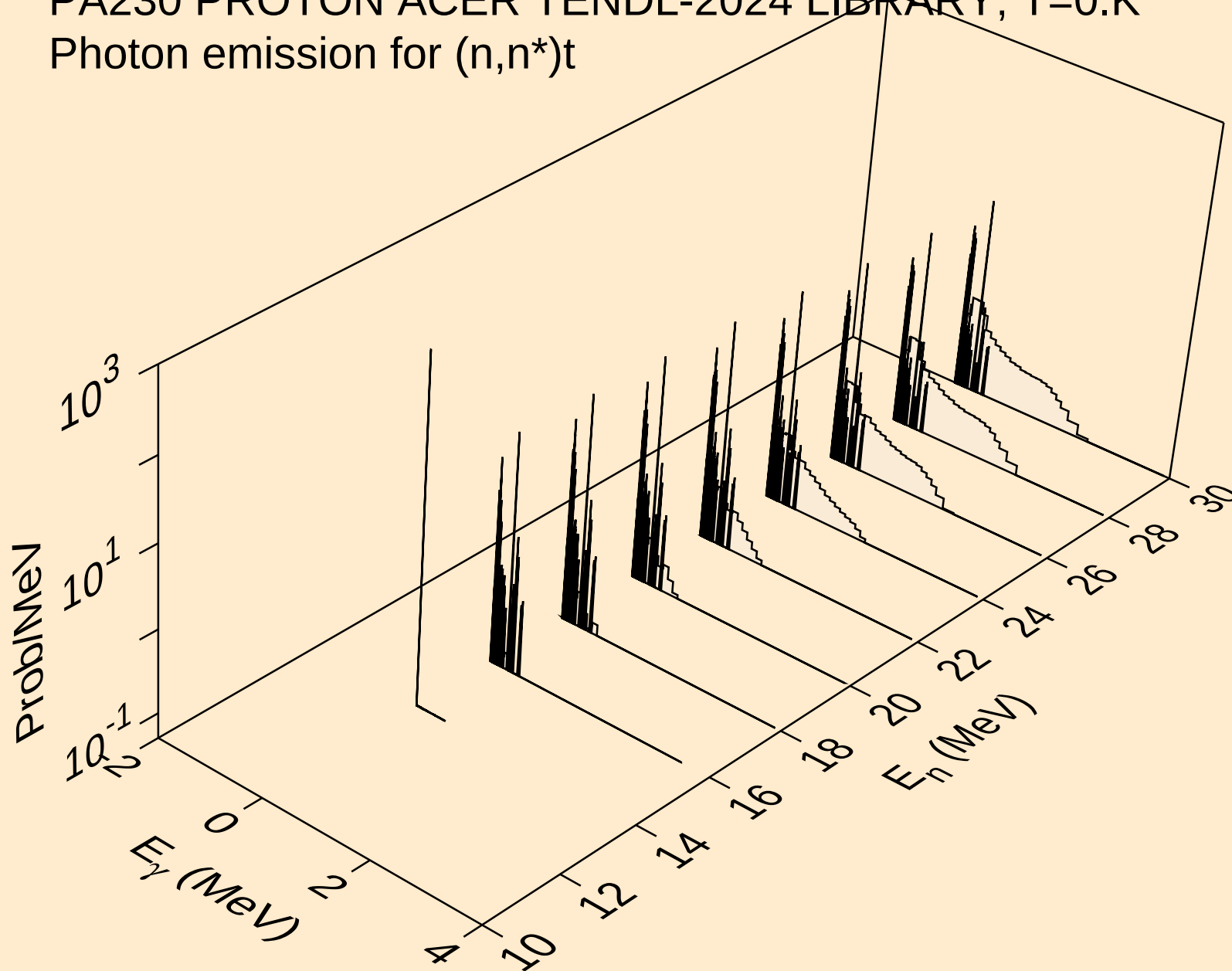
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d

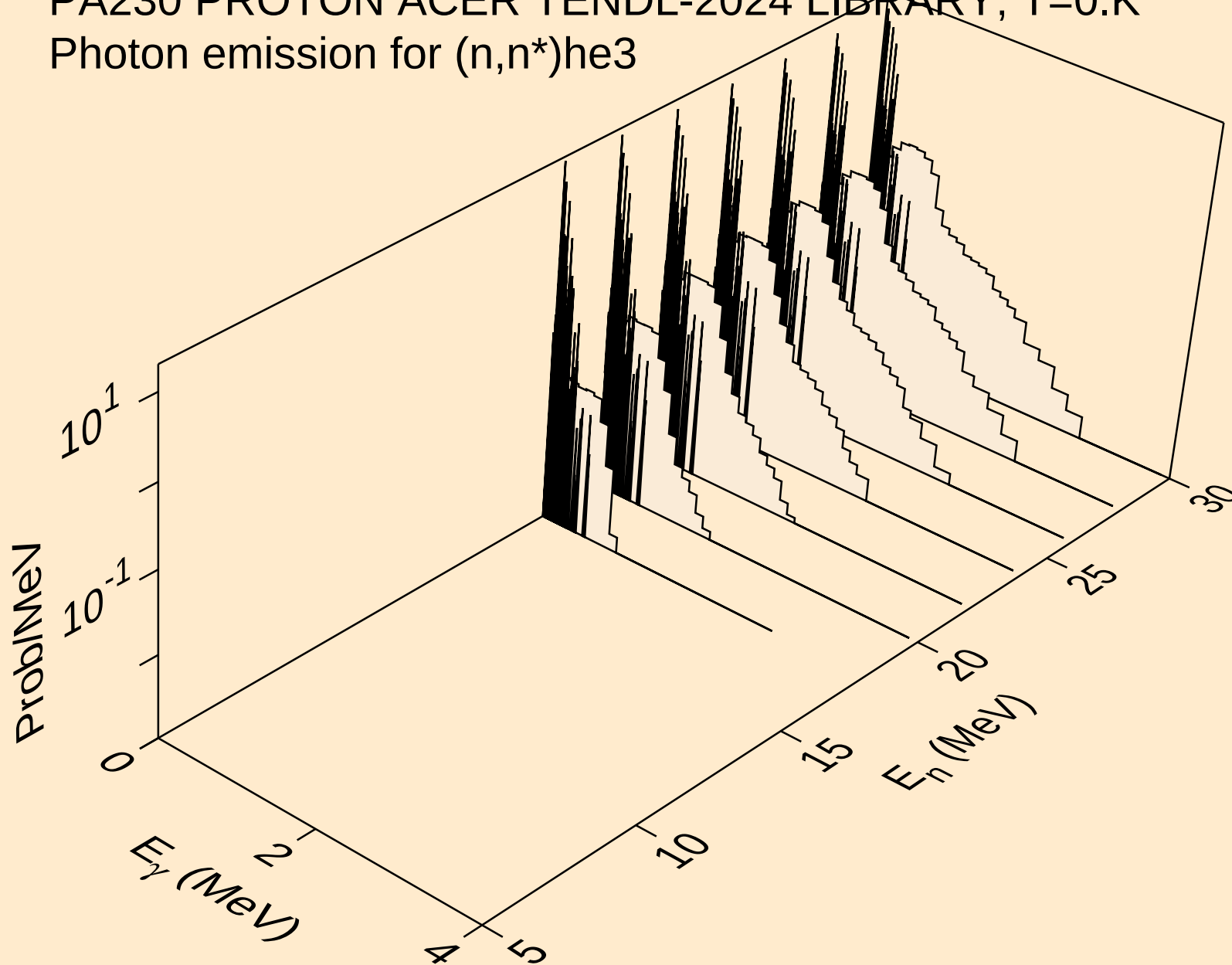


PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$

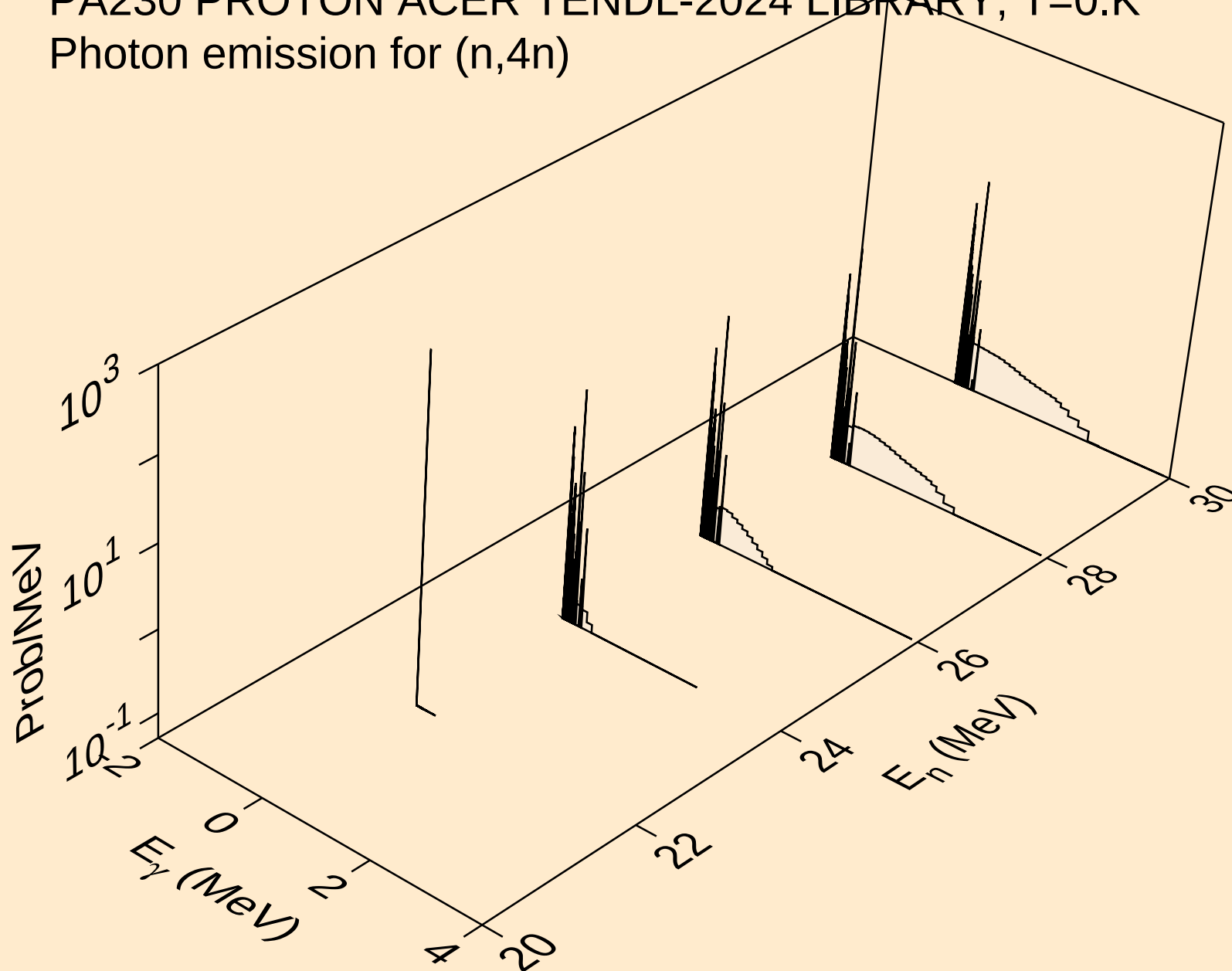
Photon emission for $(n,n^*)t$



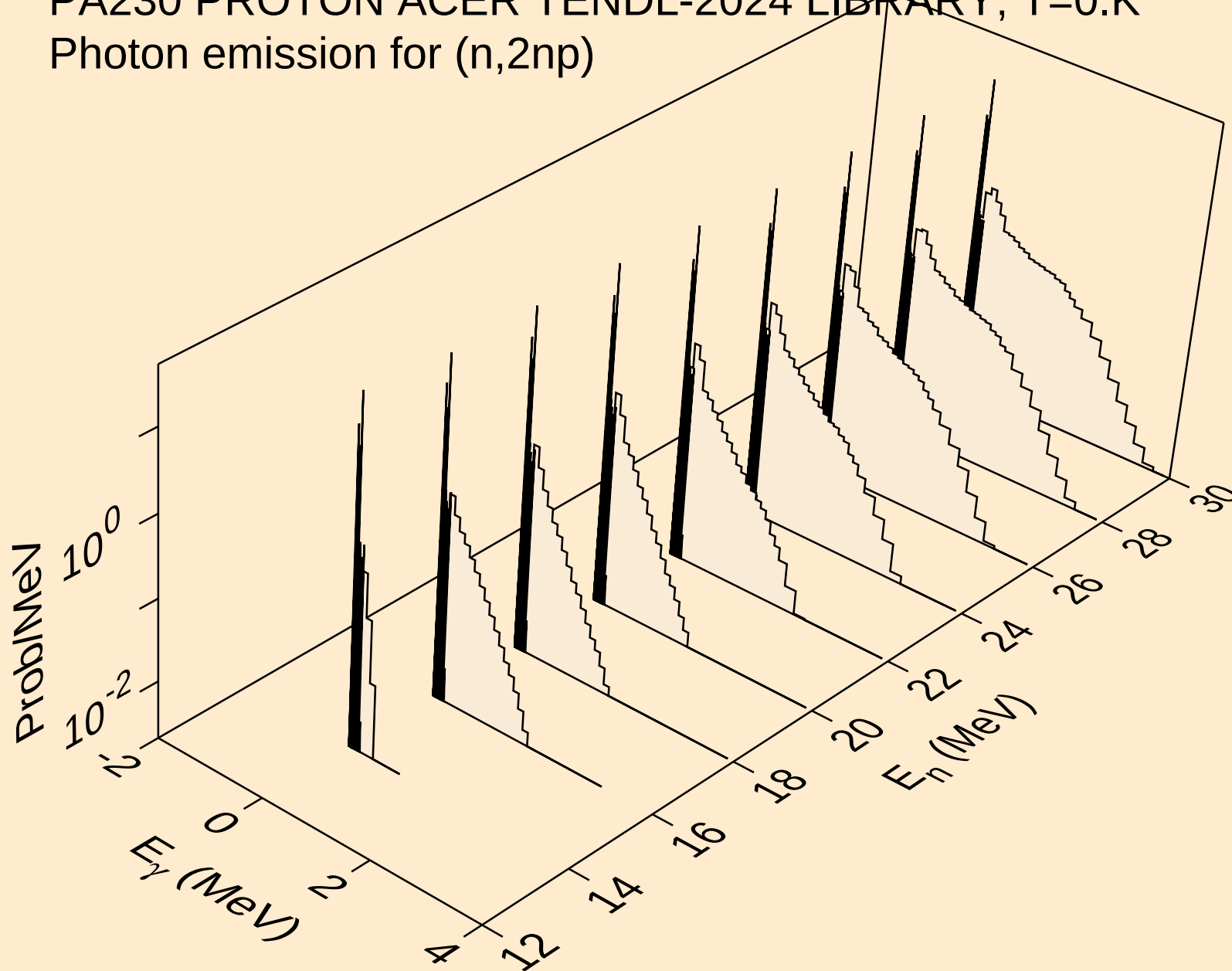
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)\text{he3}$



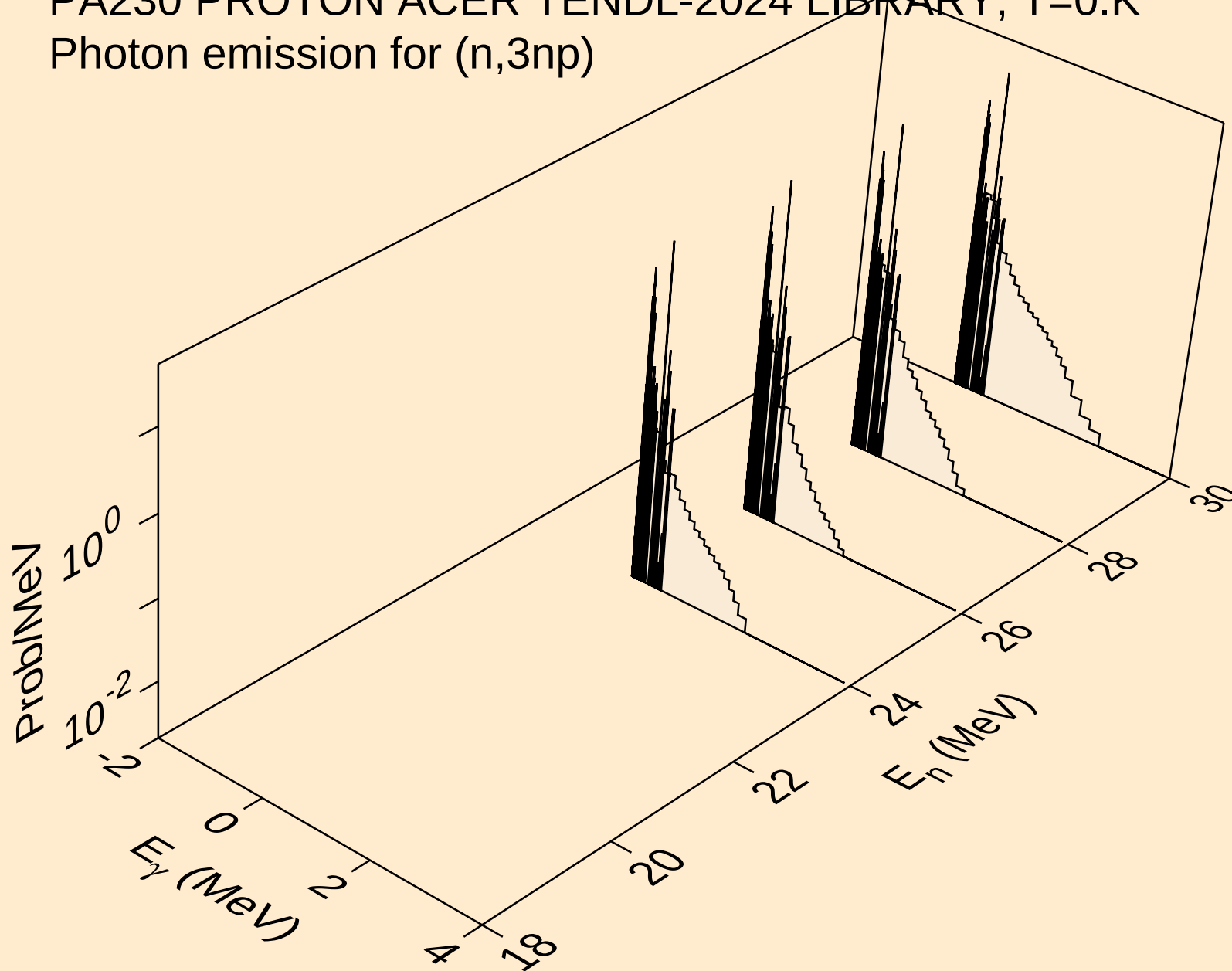
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,4n)



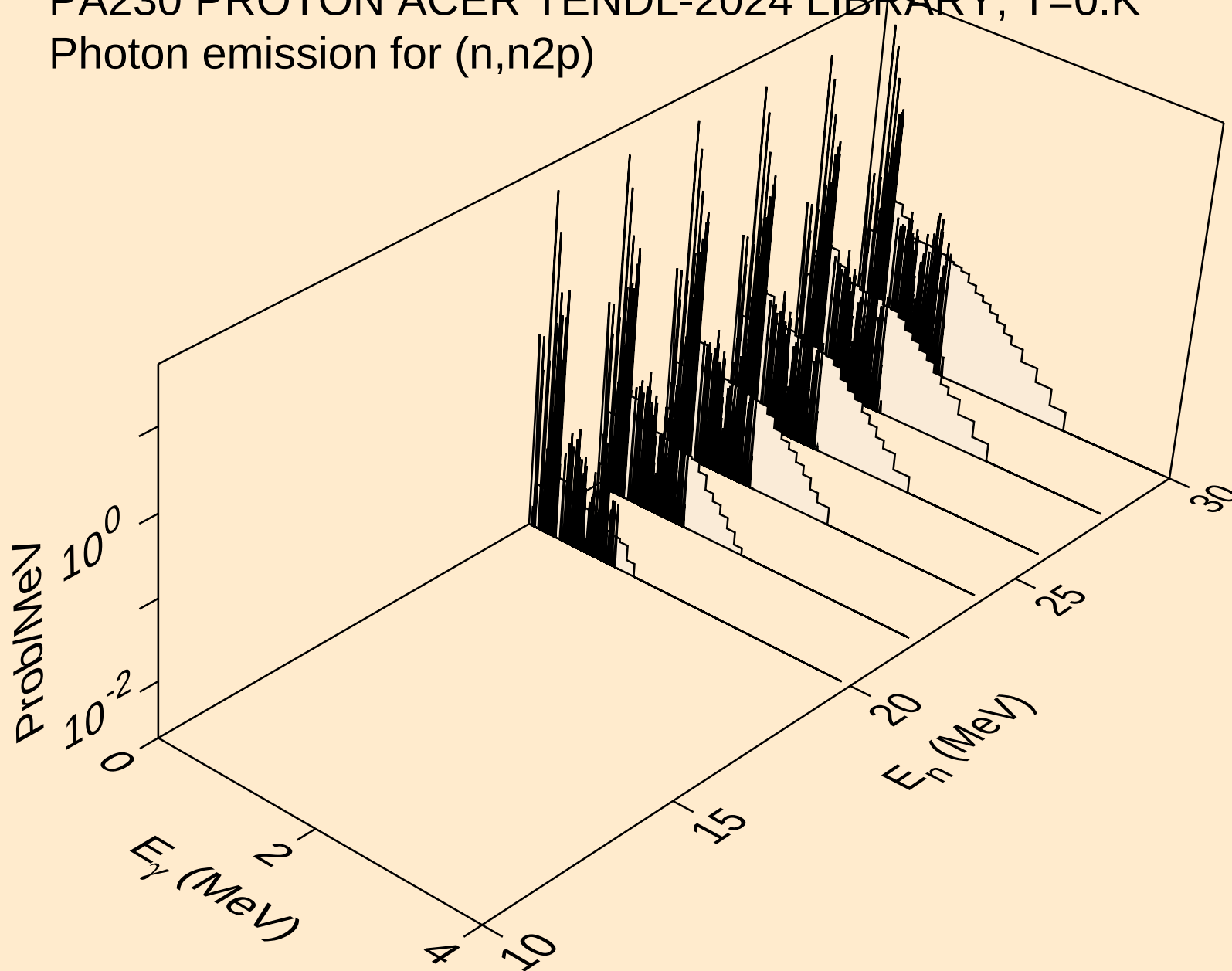
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2np)



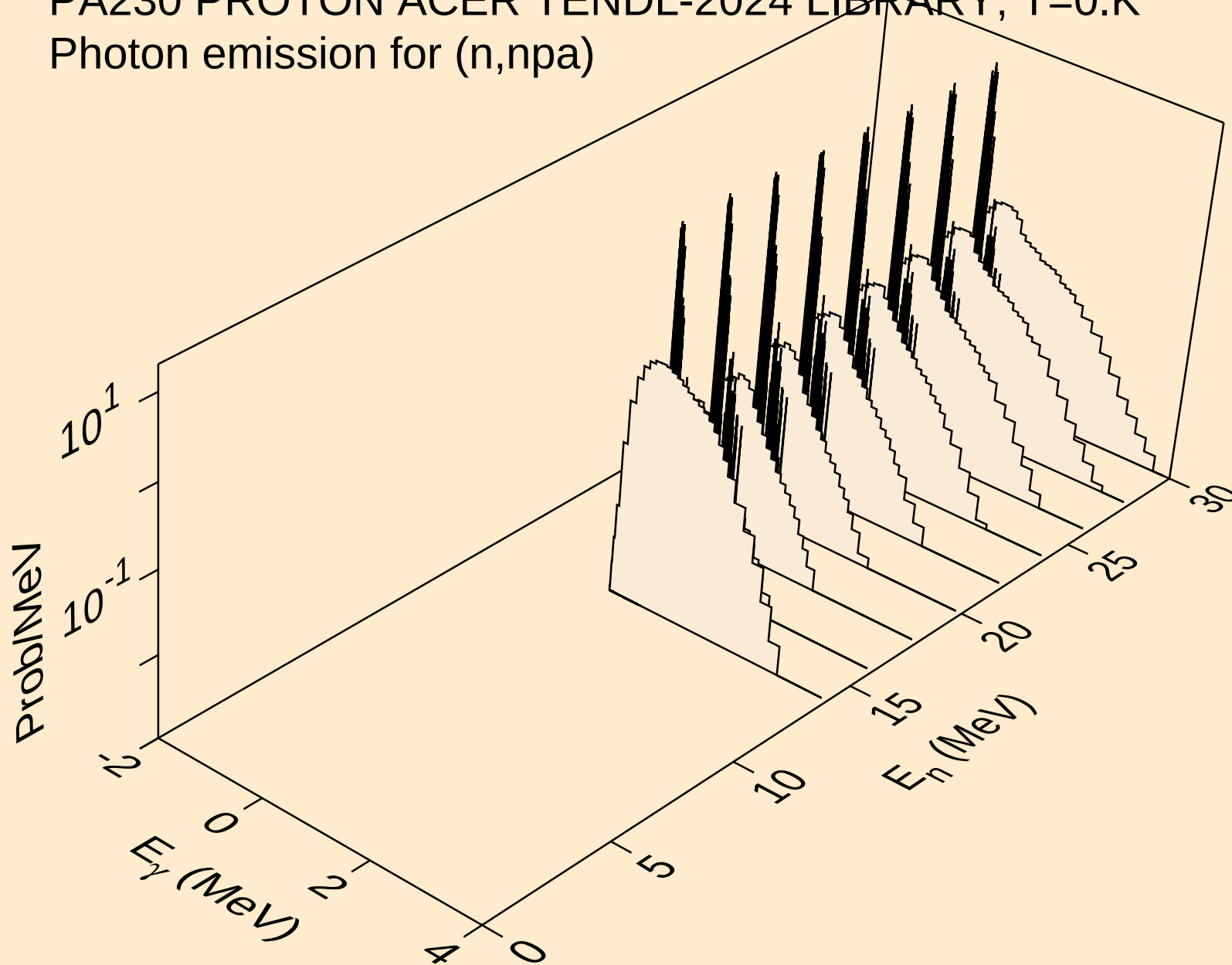
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



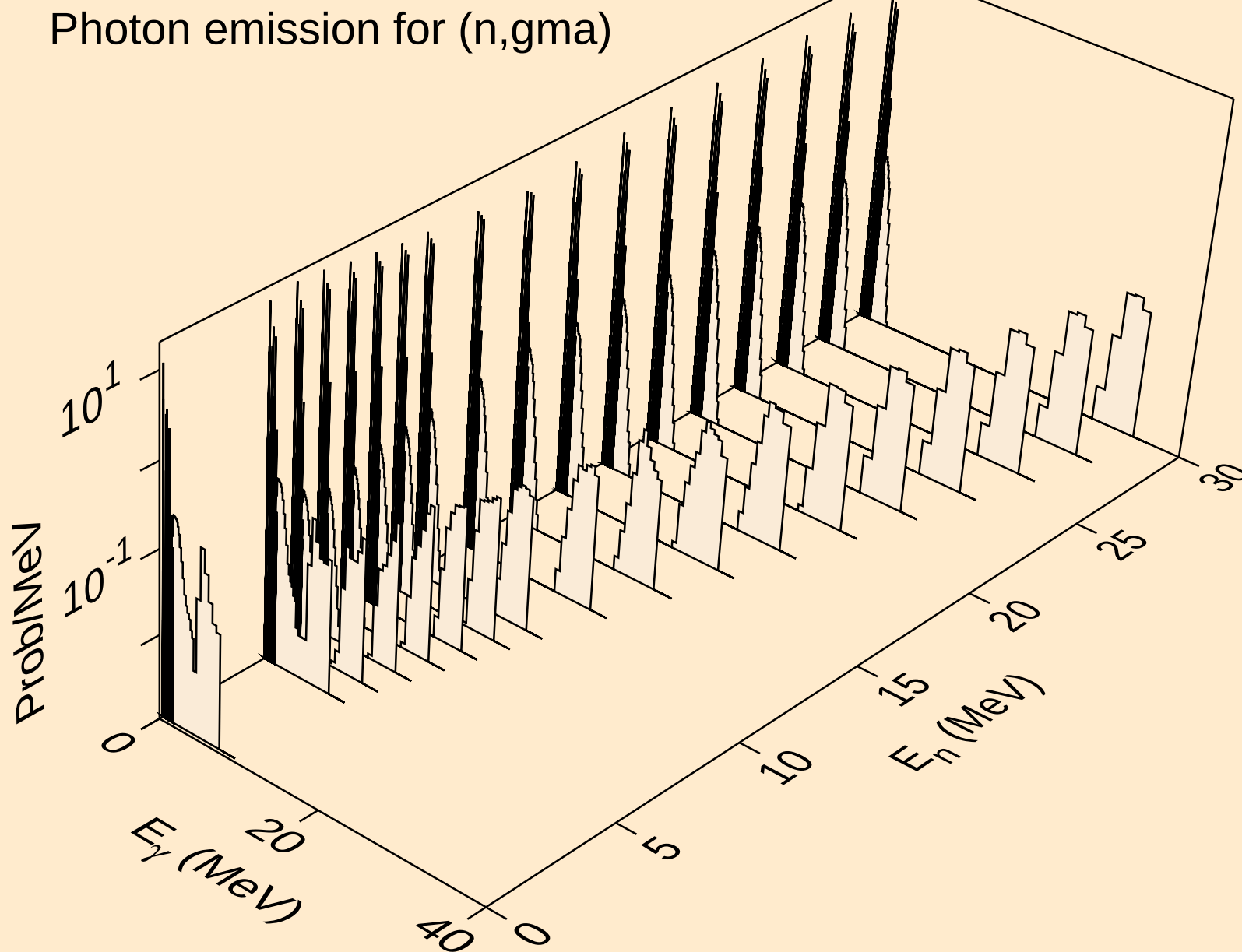
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,n2p)



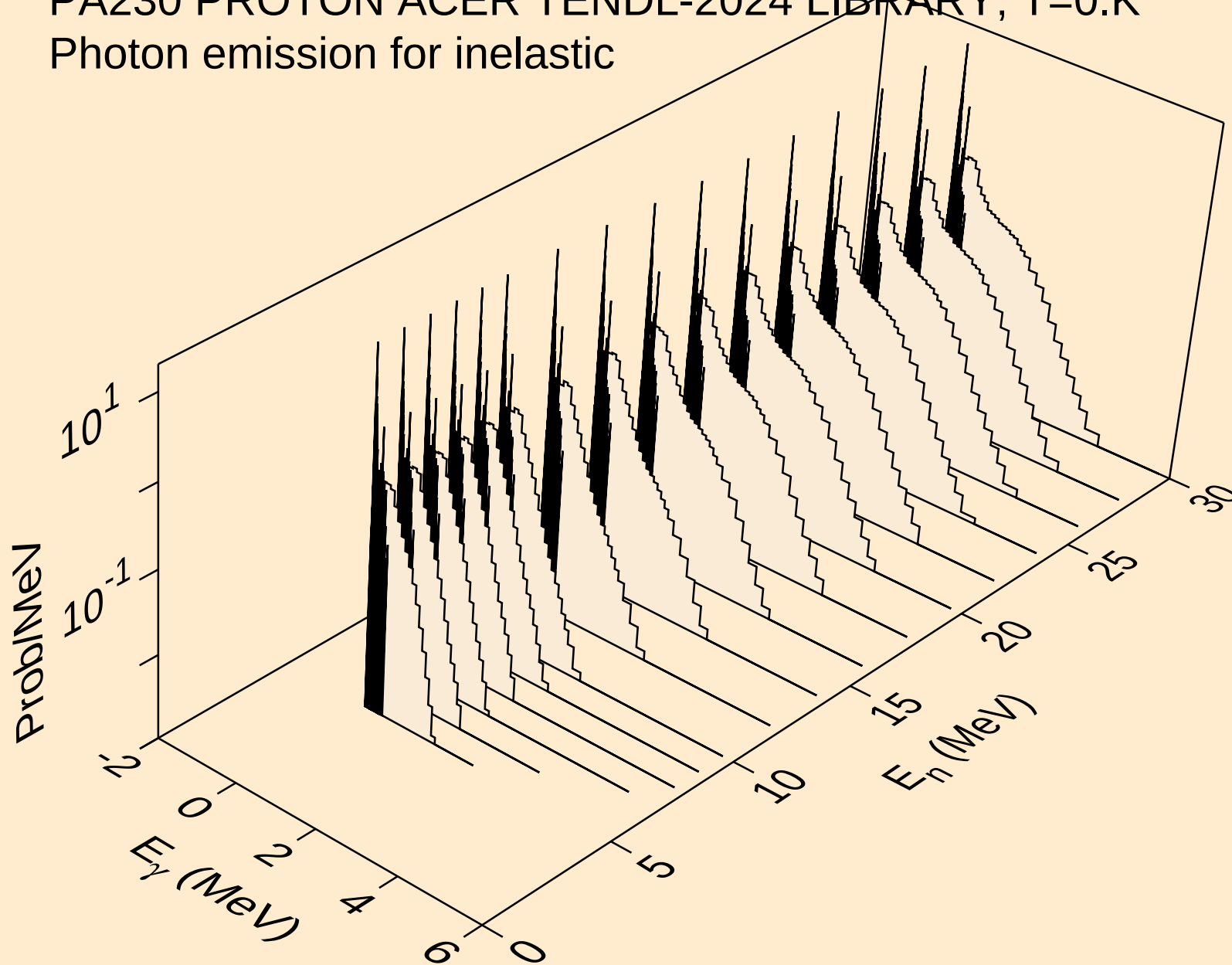
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



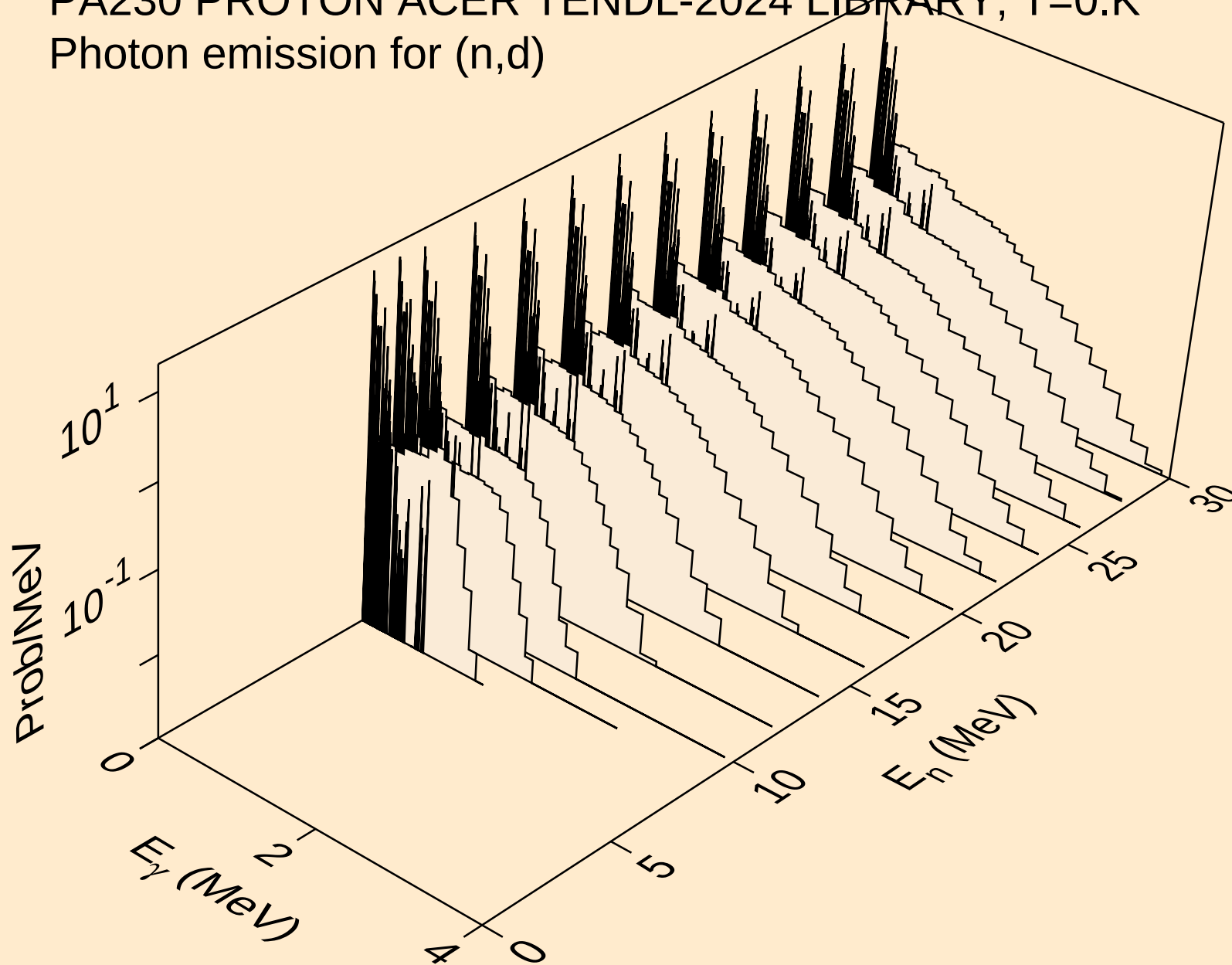
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,gma)



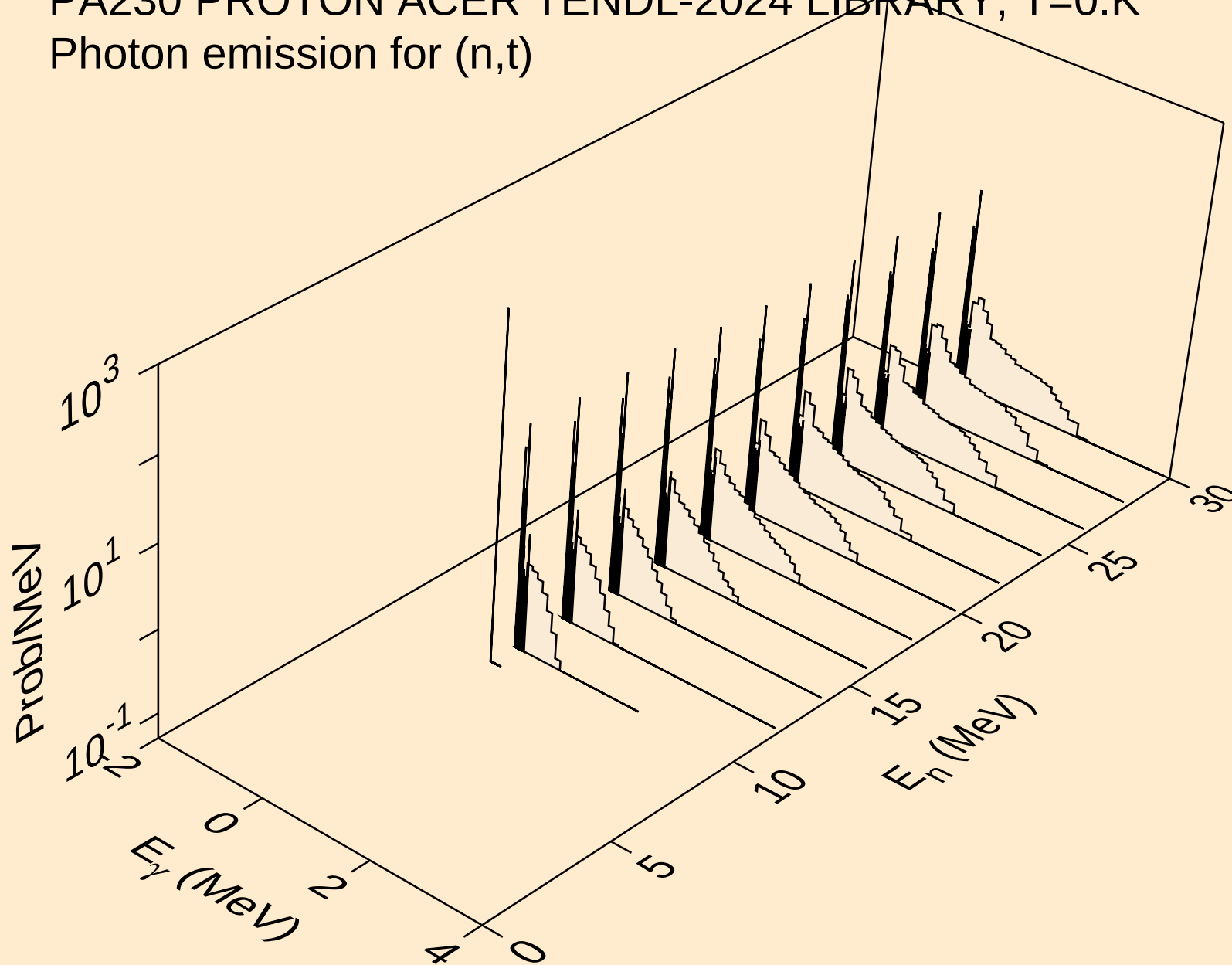
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



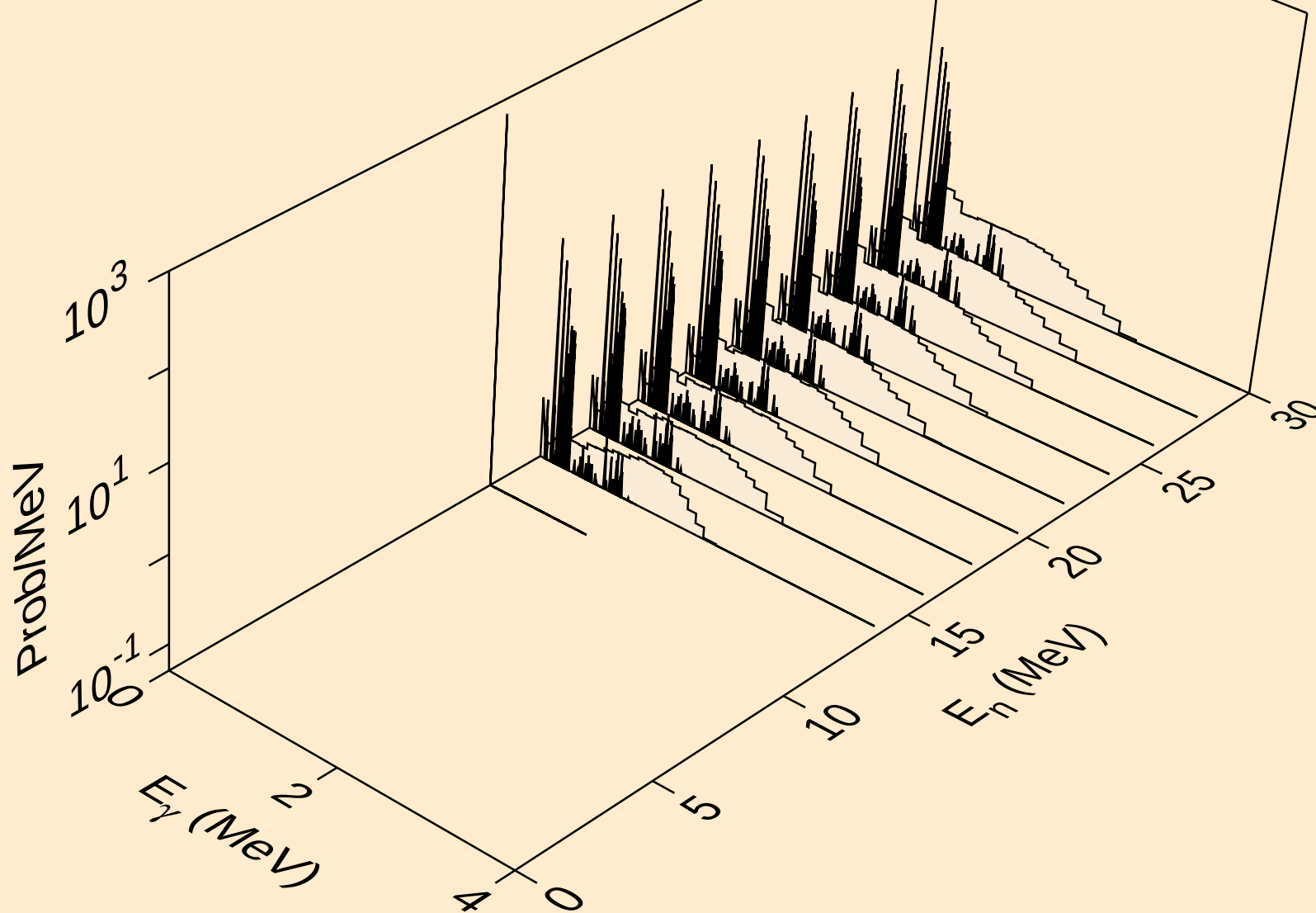
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,d)



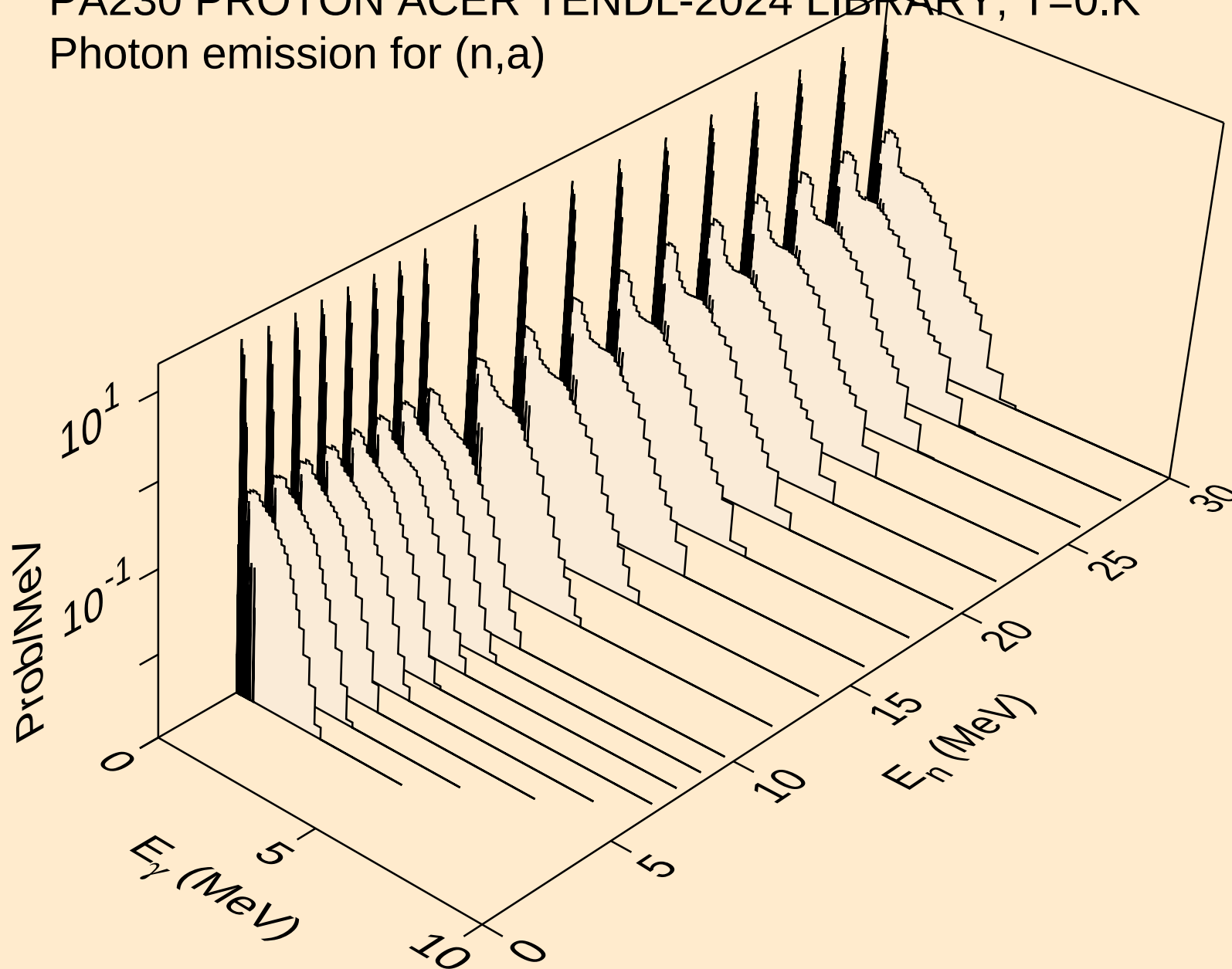
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



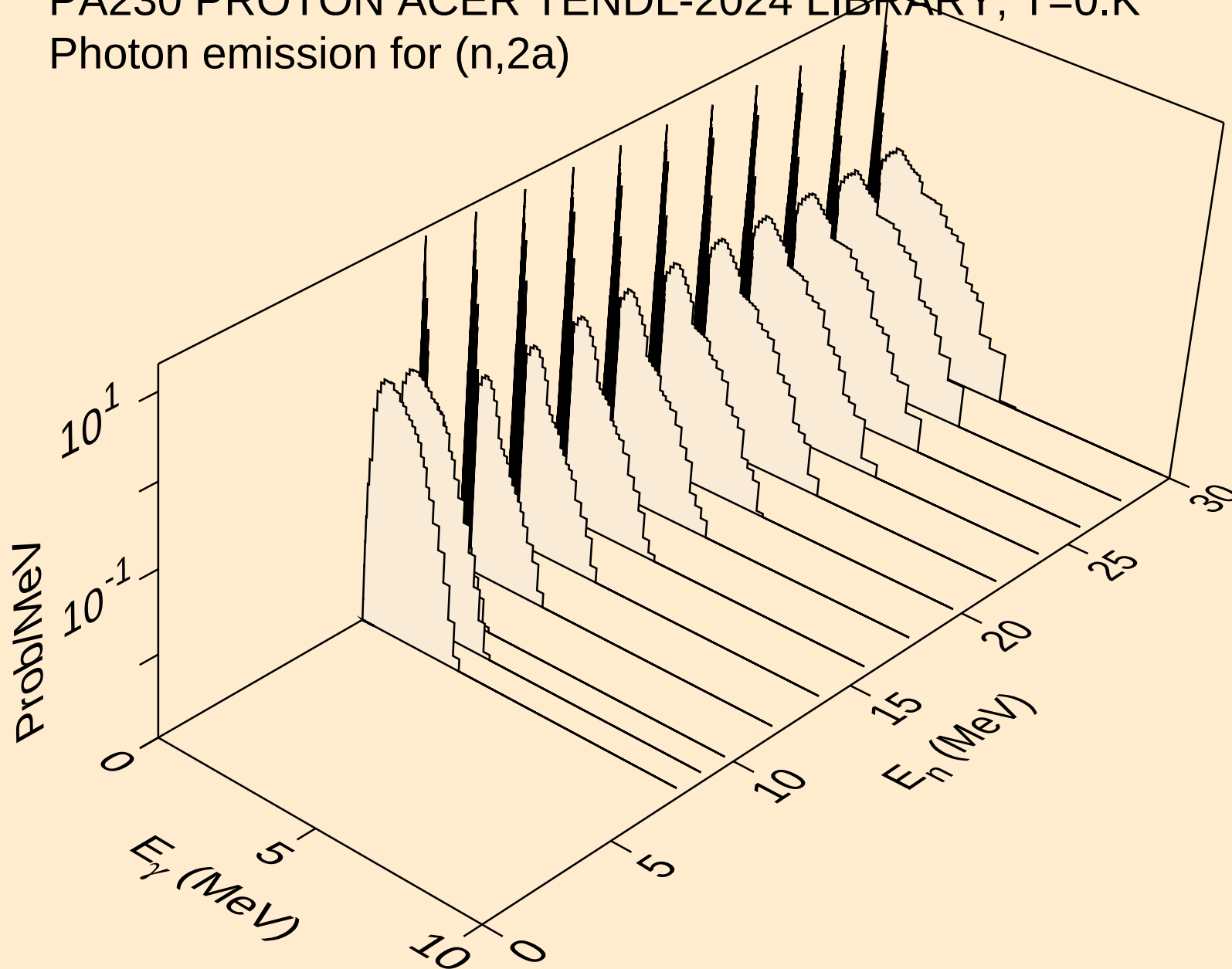
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



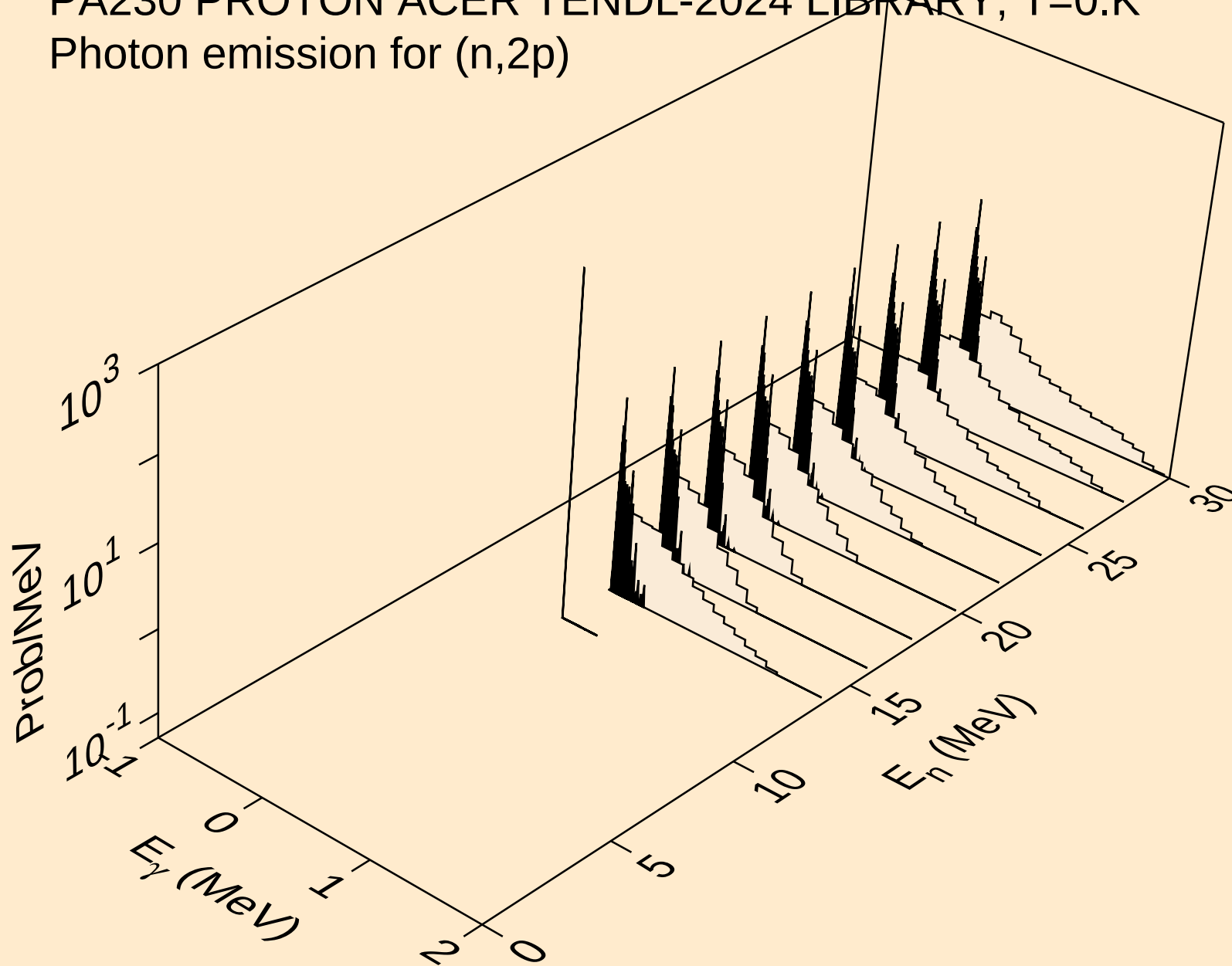
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,a)



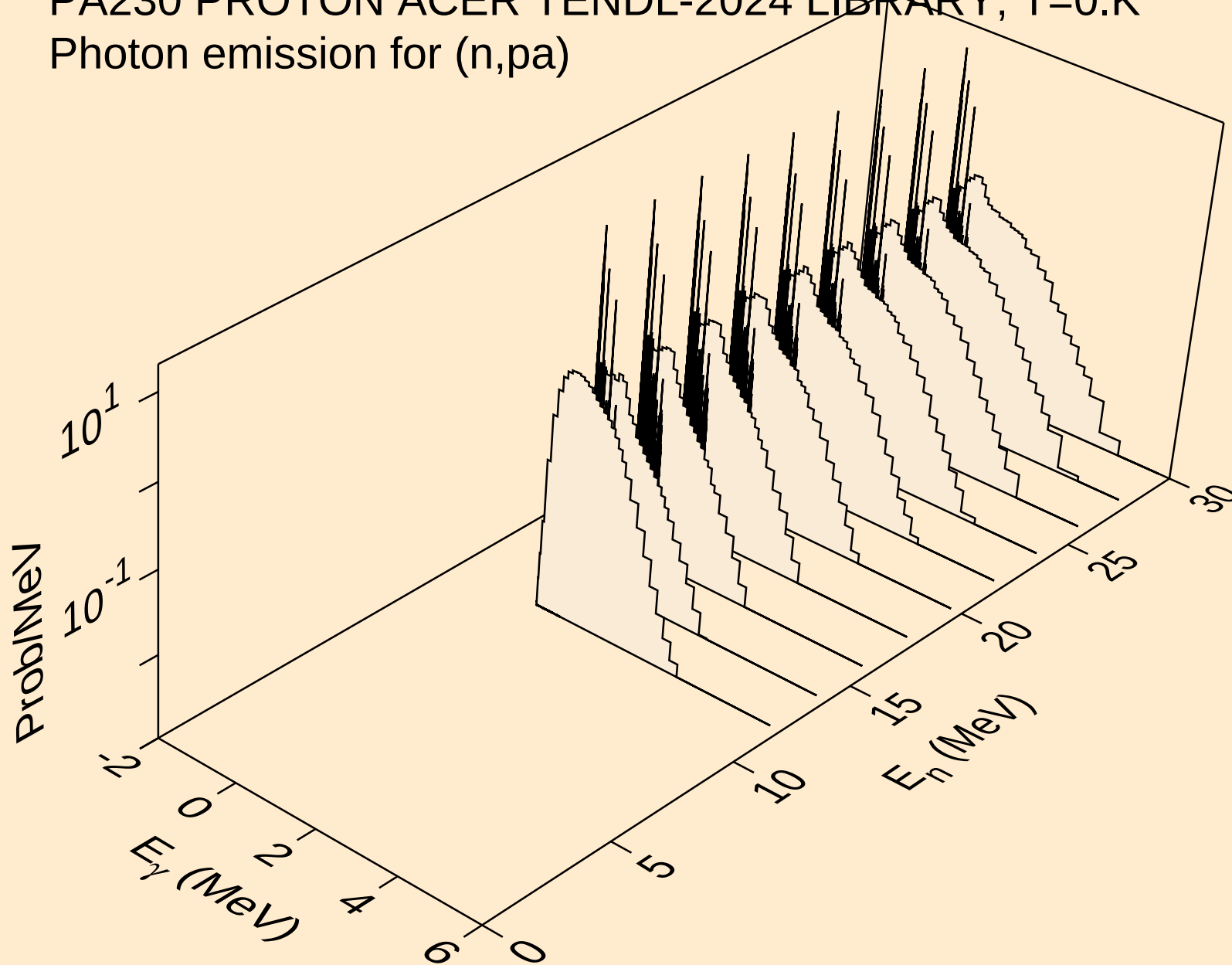
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2a)



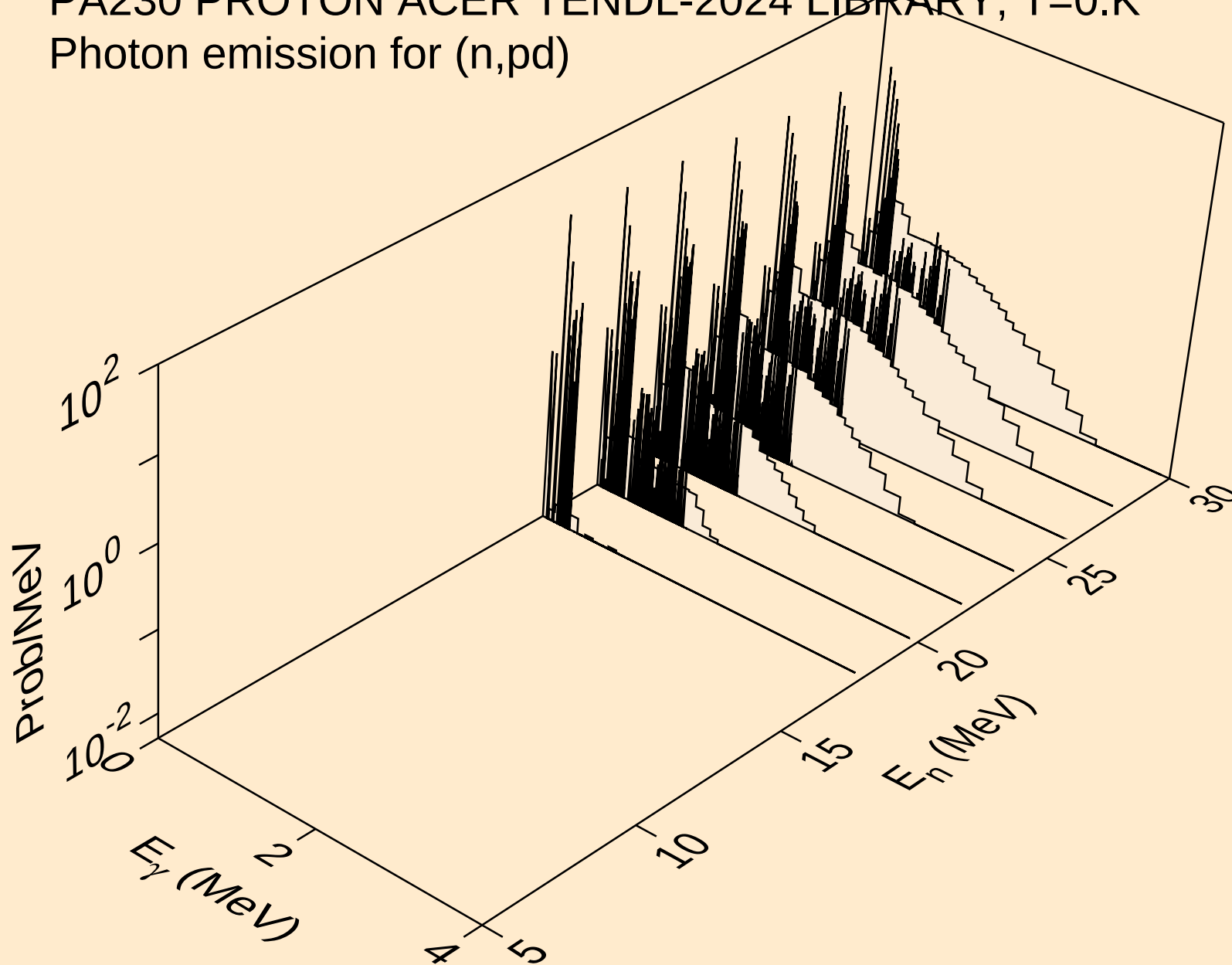
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2p)



PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)

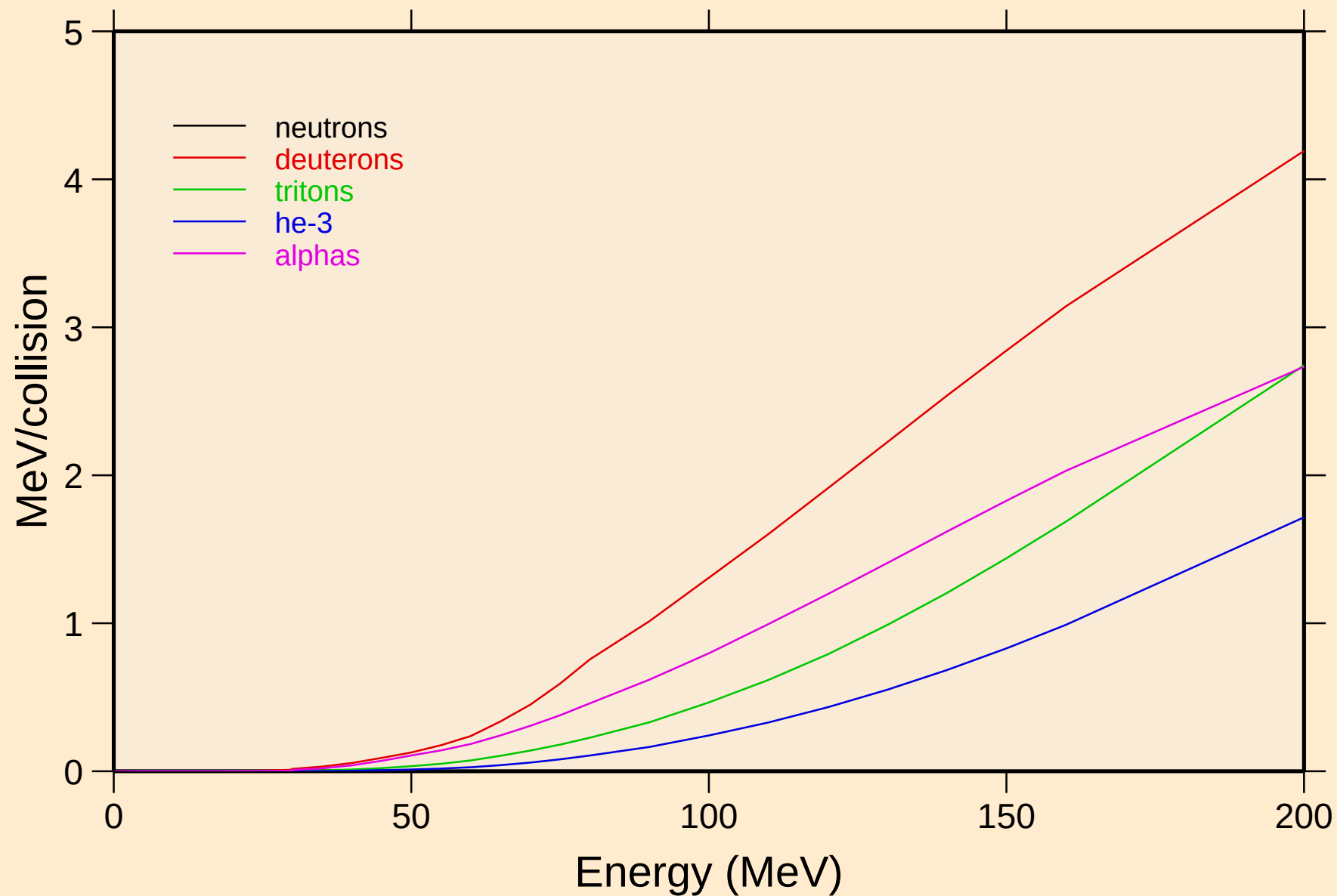


PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,pd)



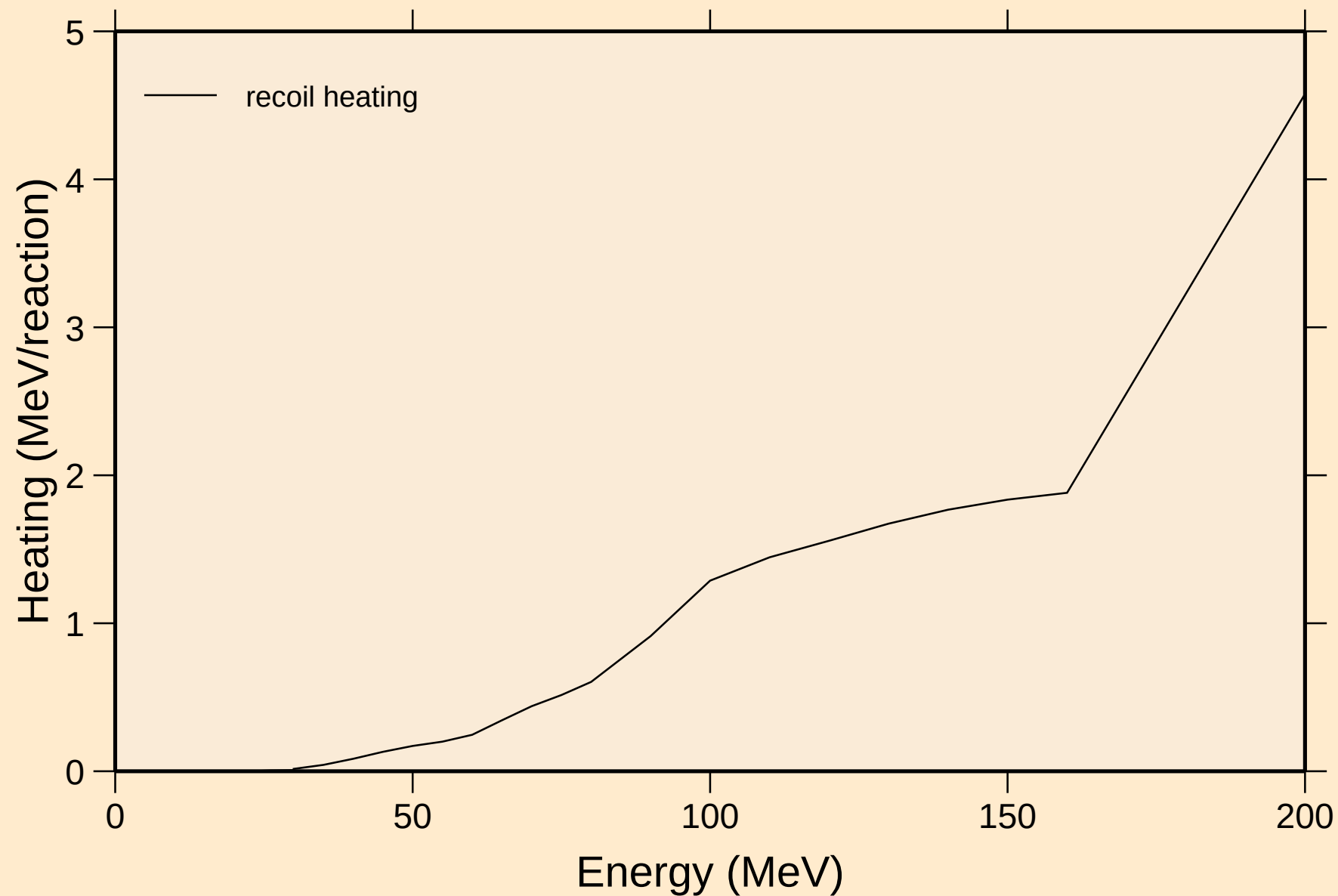
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



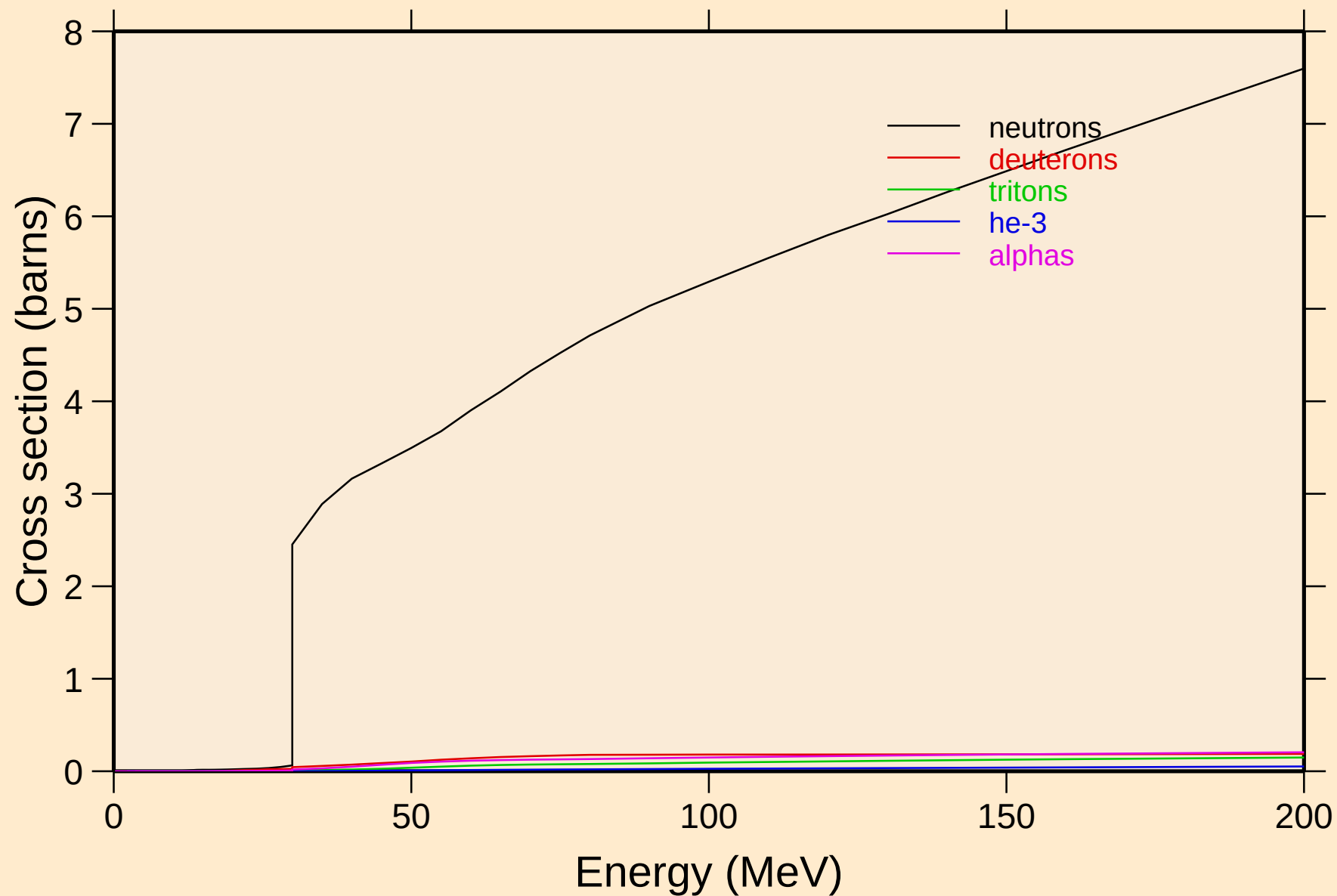
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

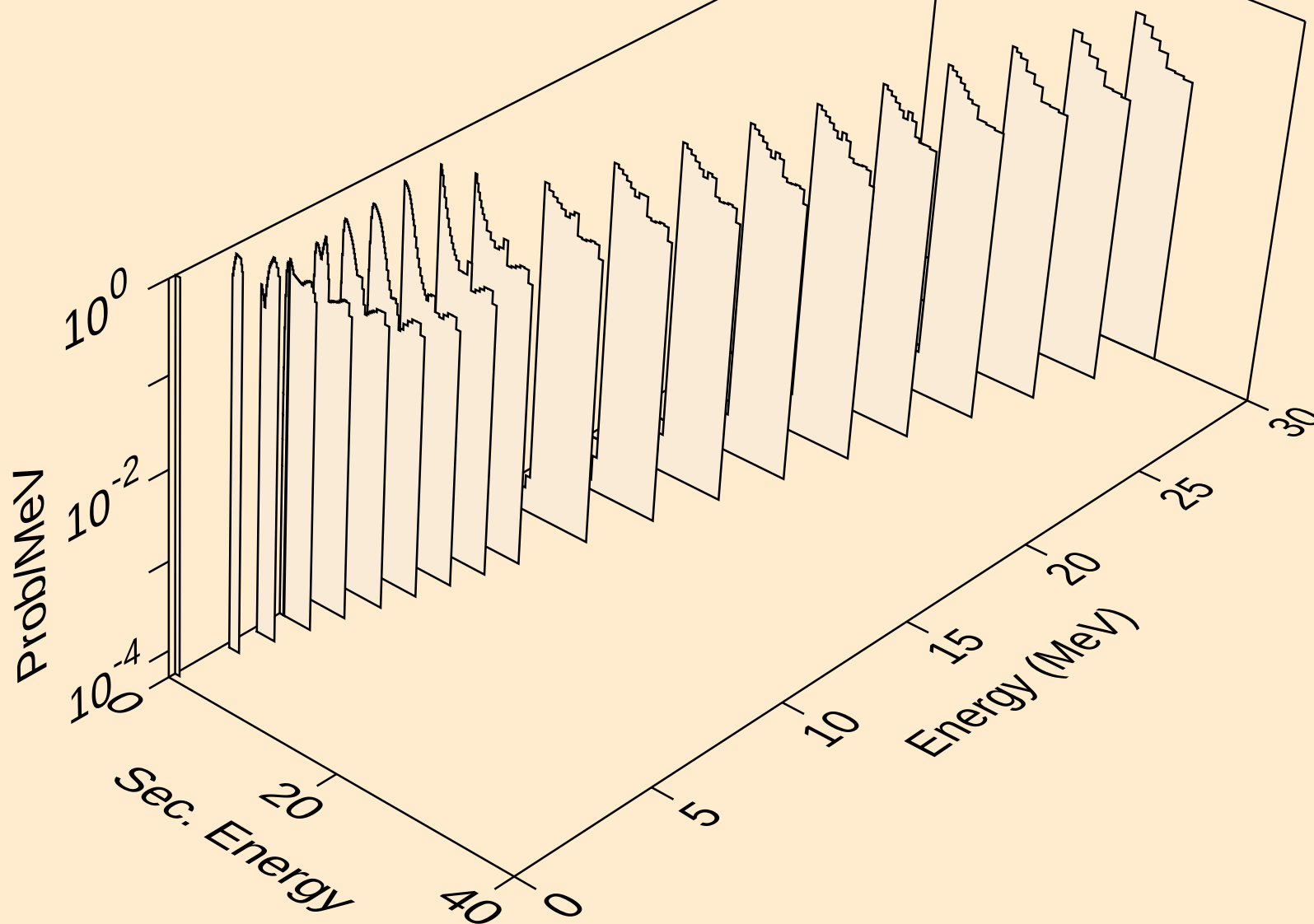


PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

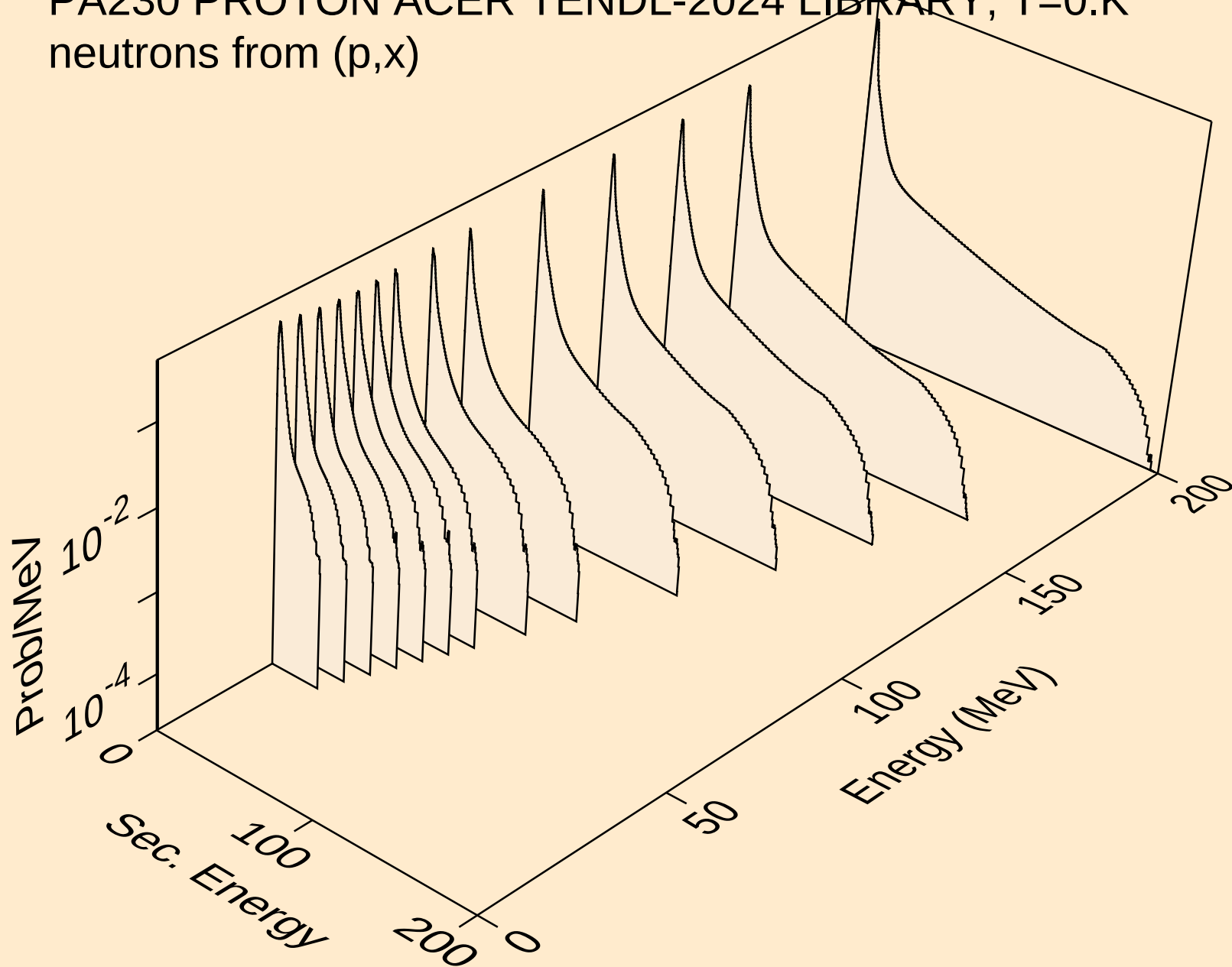
Particle production cross sections



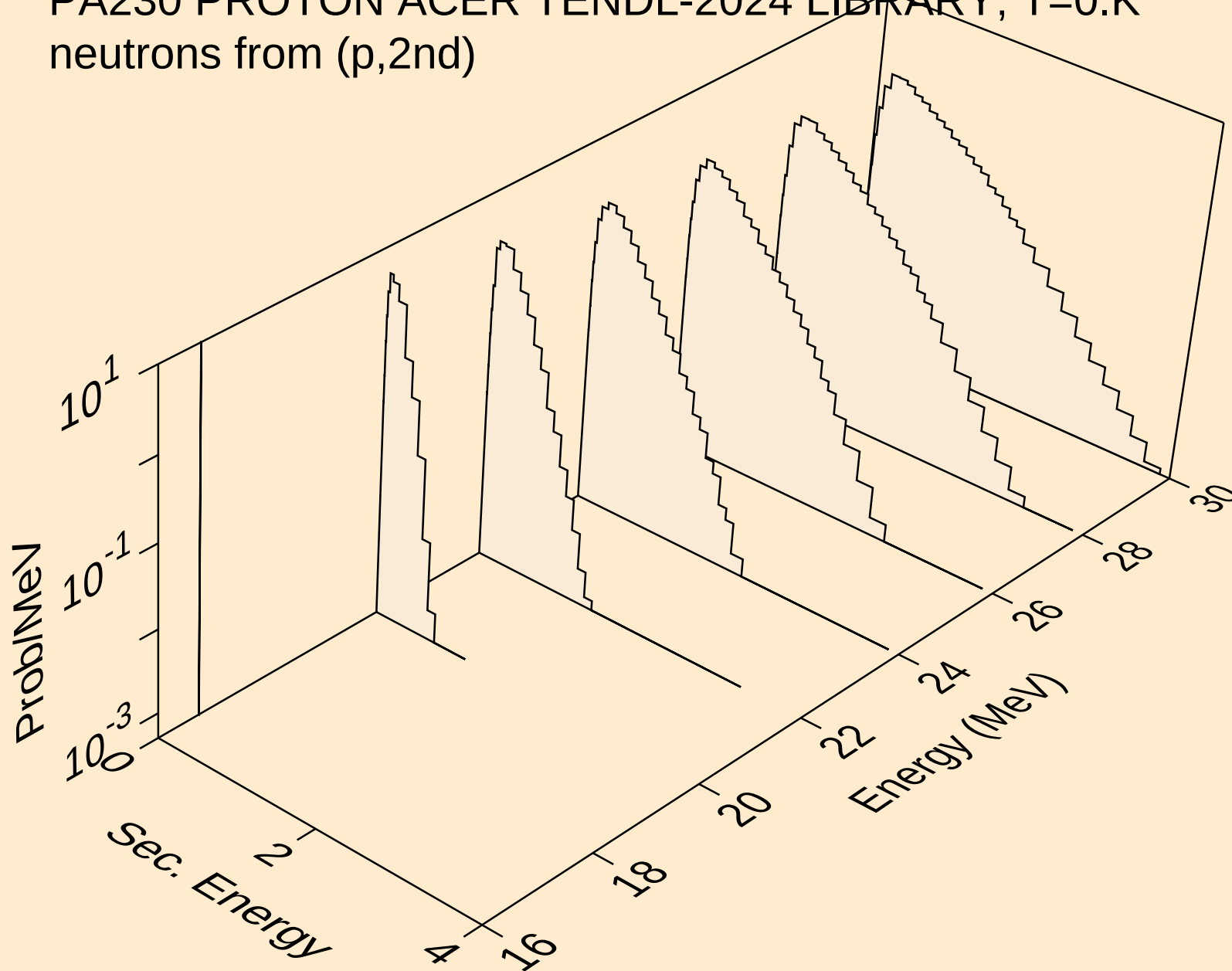
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n)



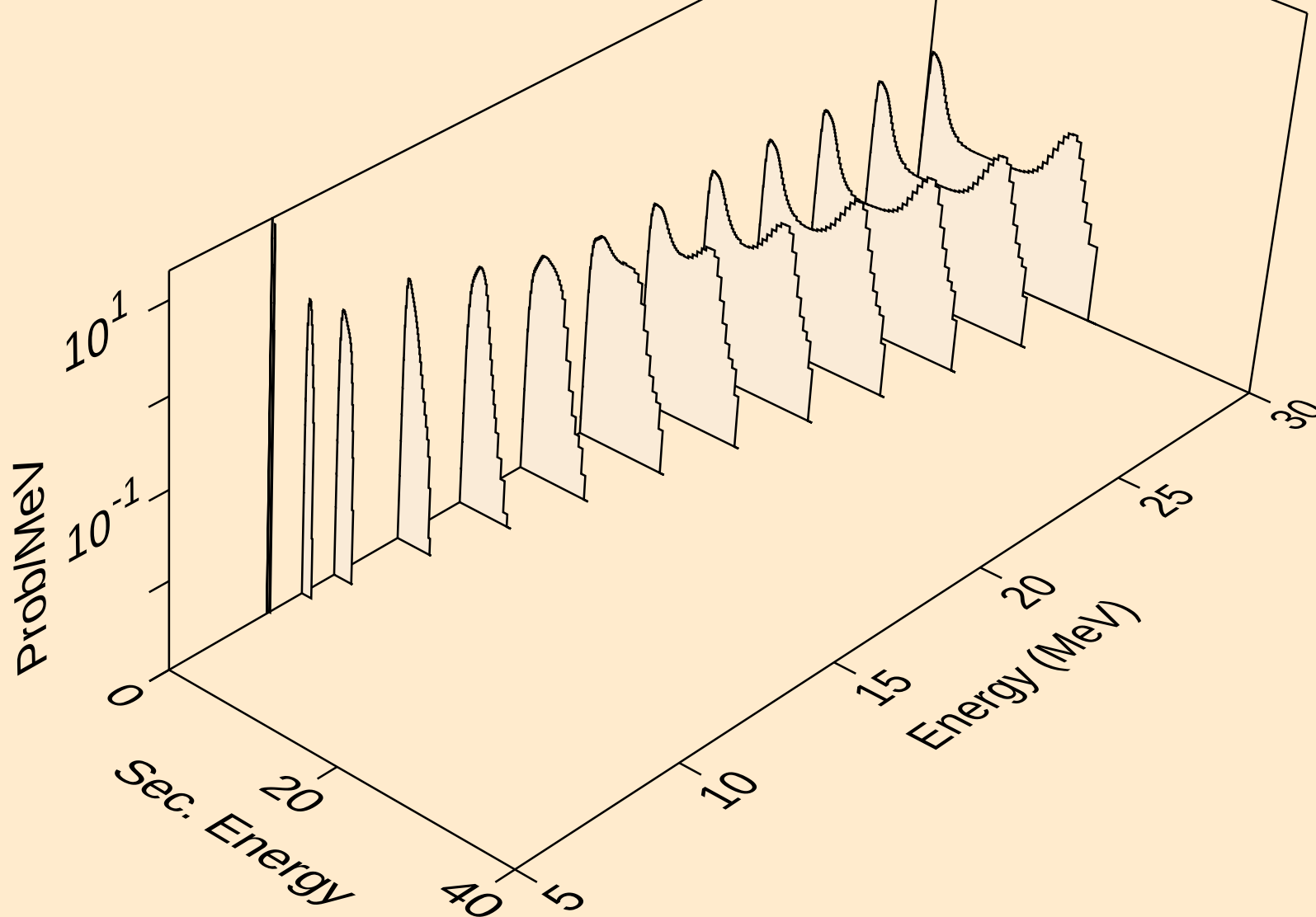
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,x)



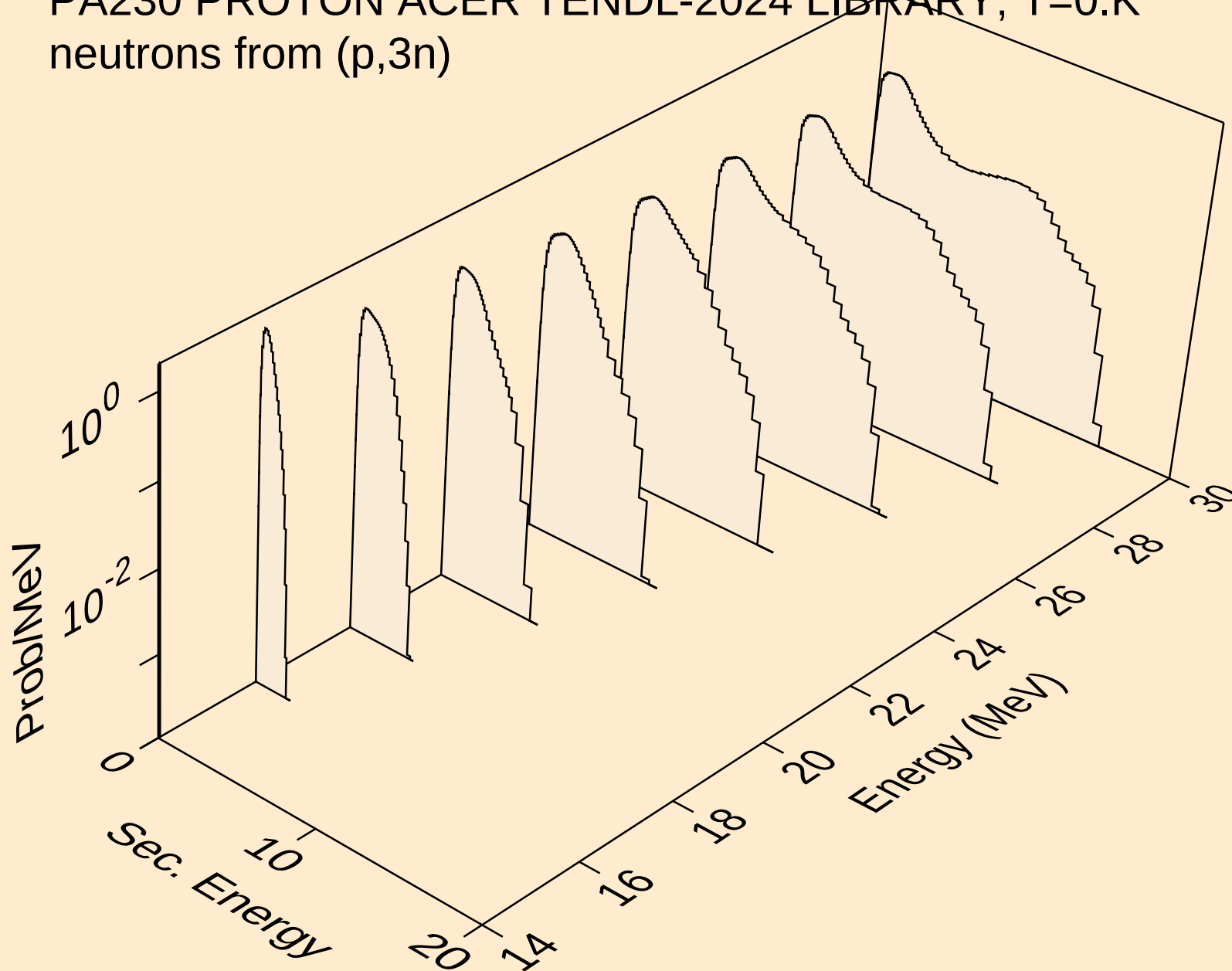
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2nd)



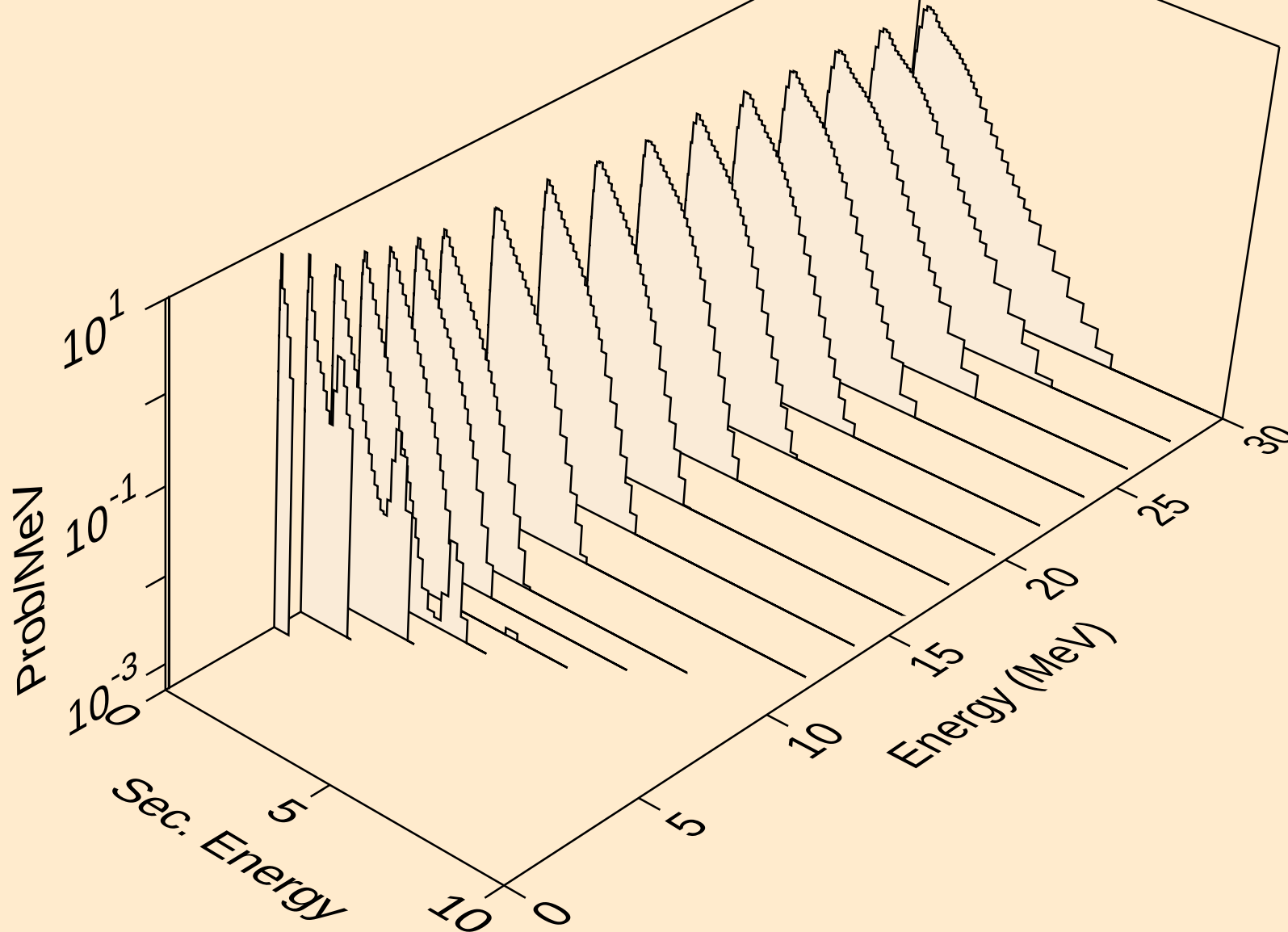
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from (p,2n)



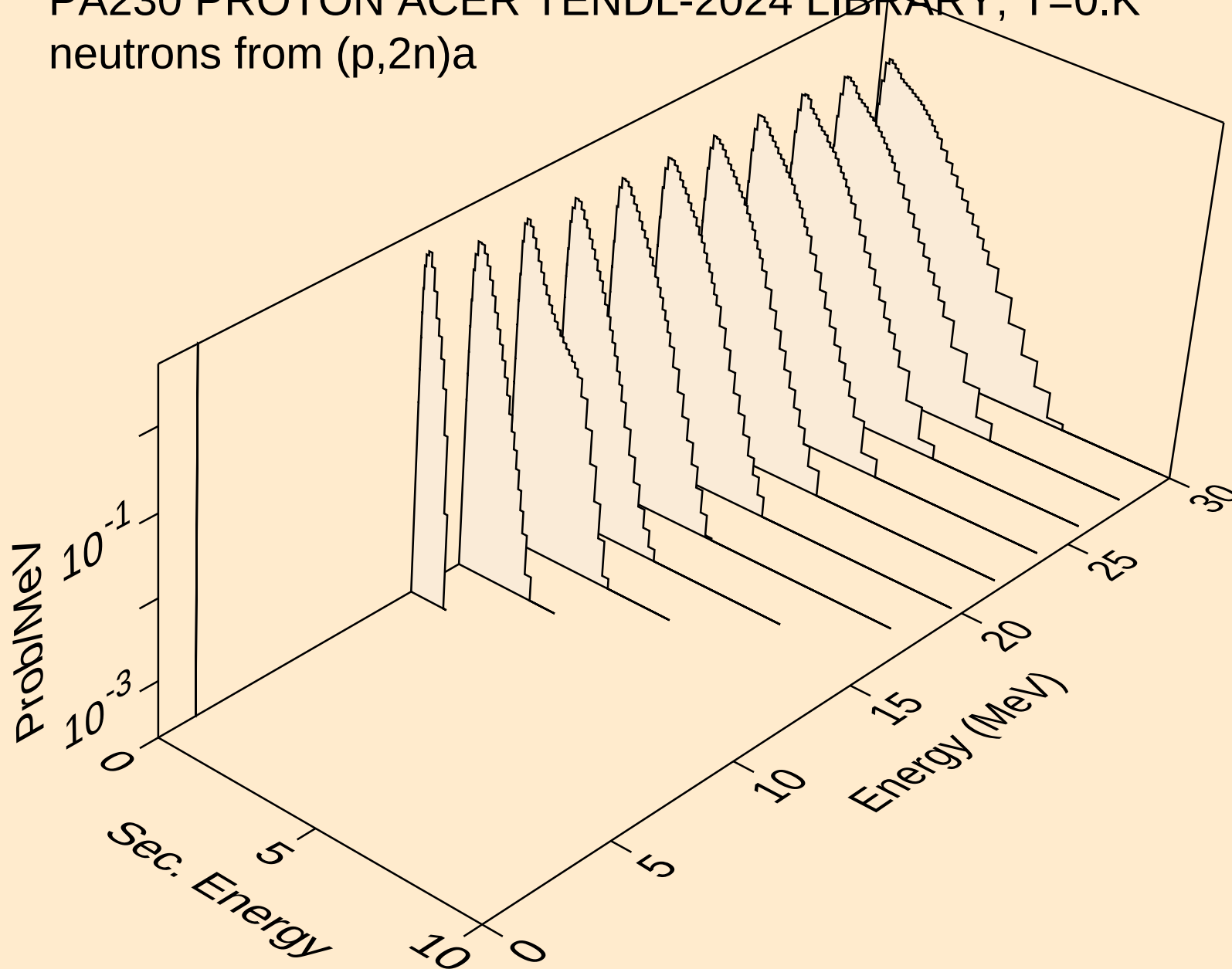
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)



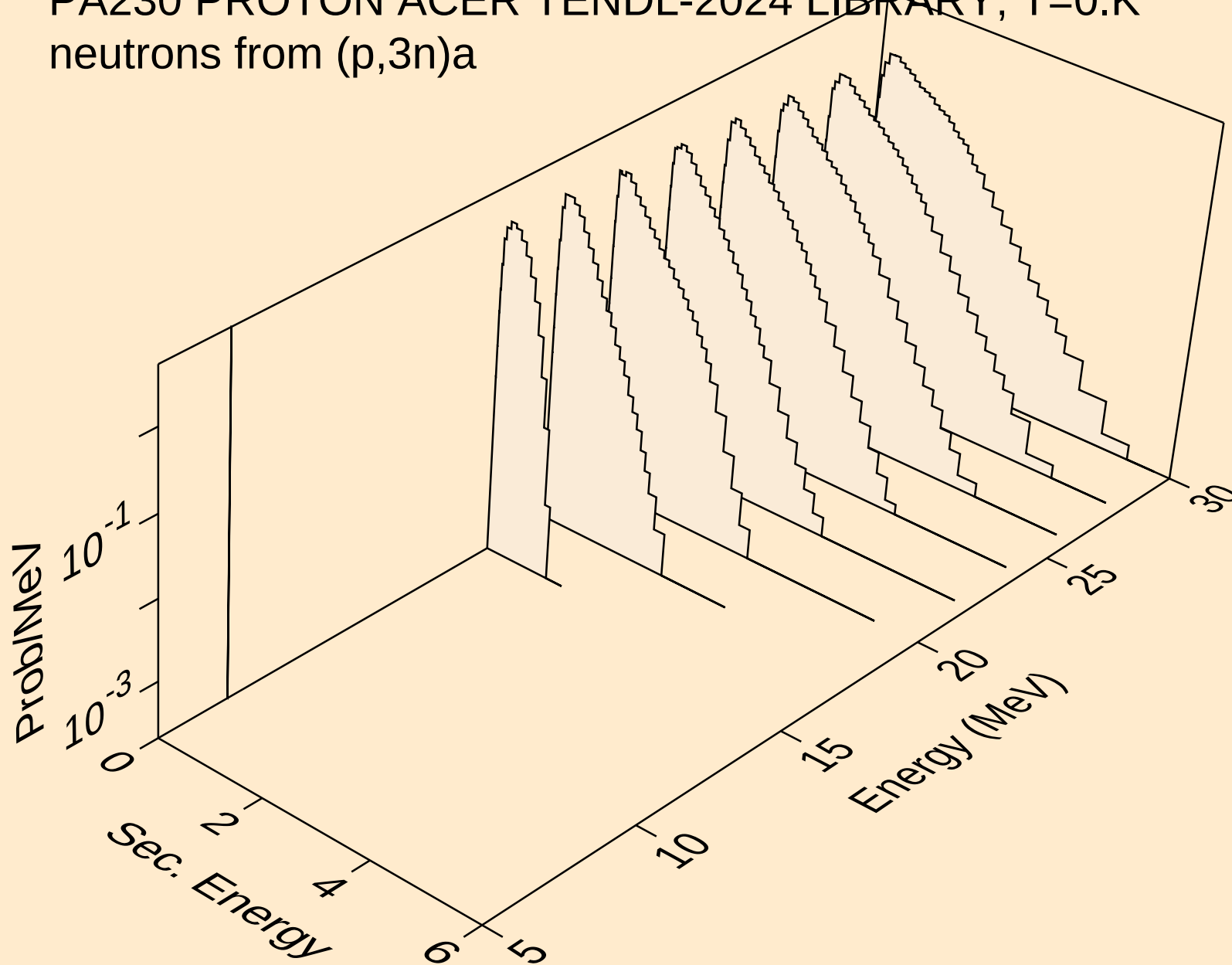
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)a



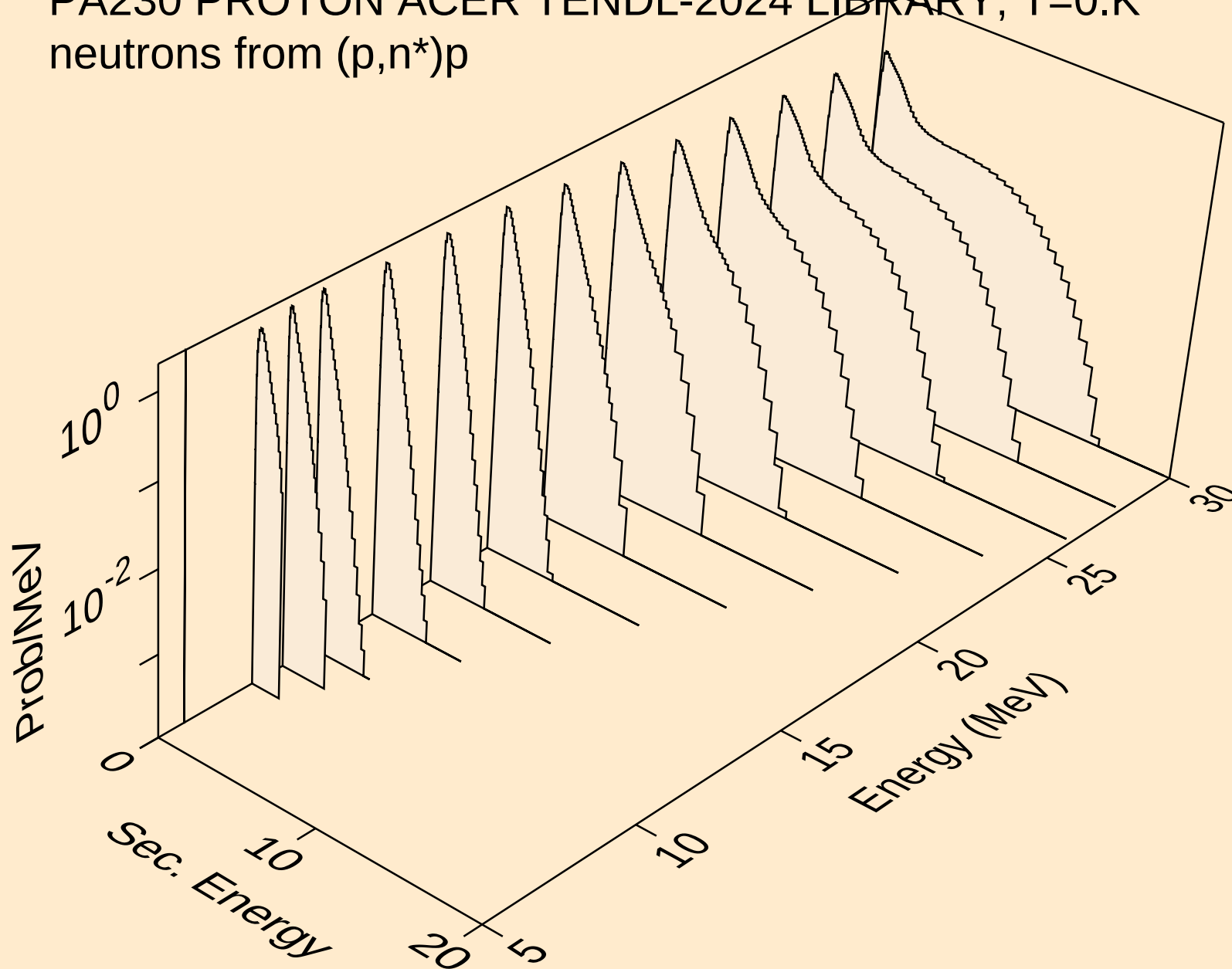
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)a



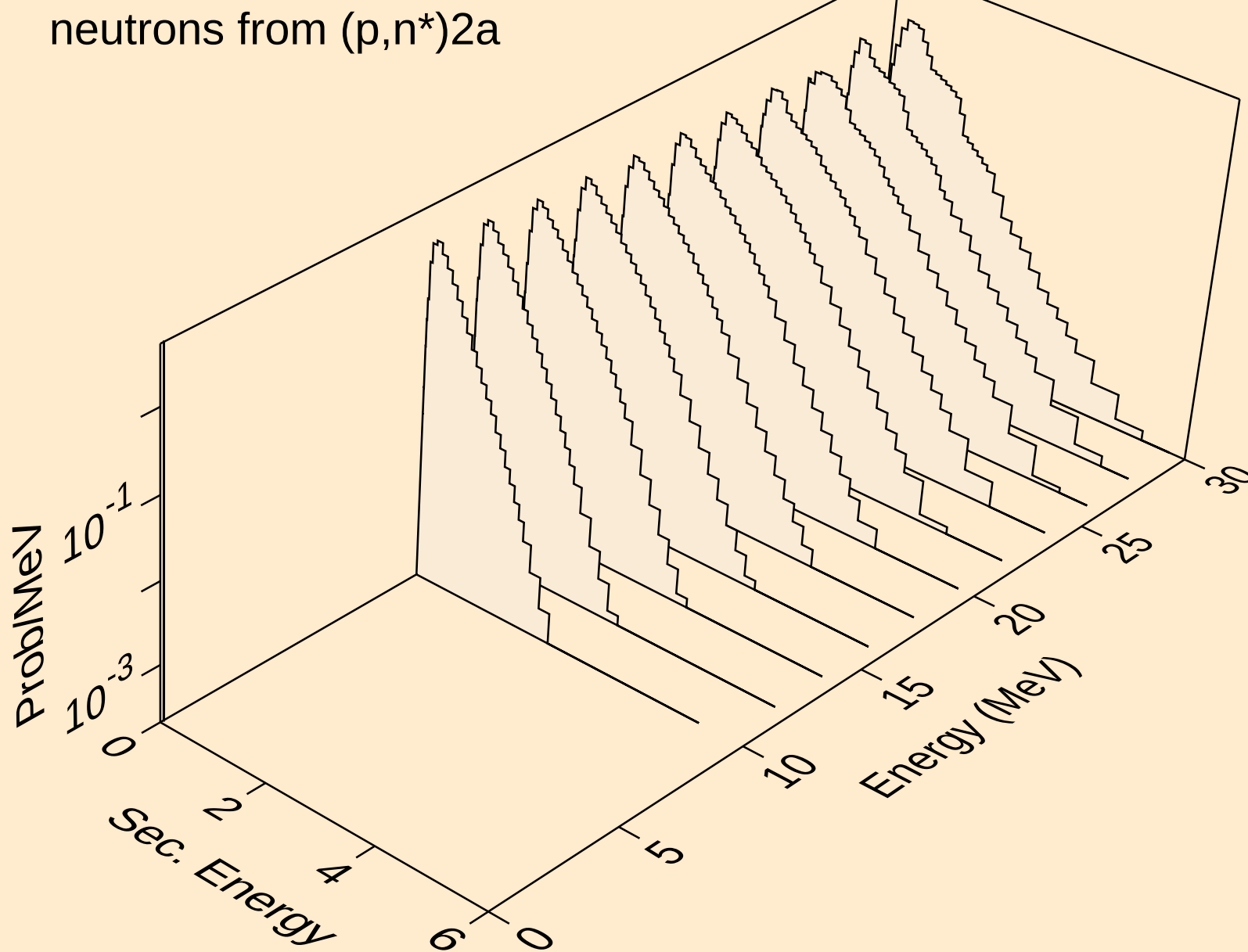
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)a



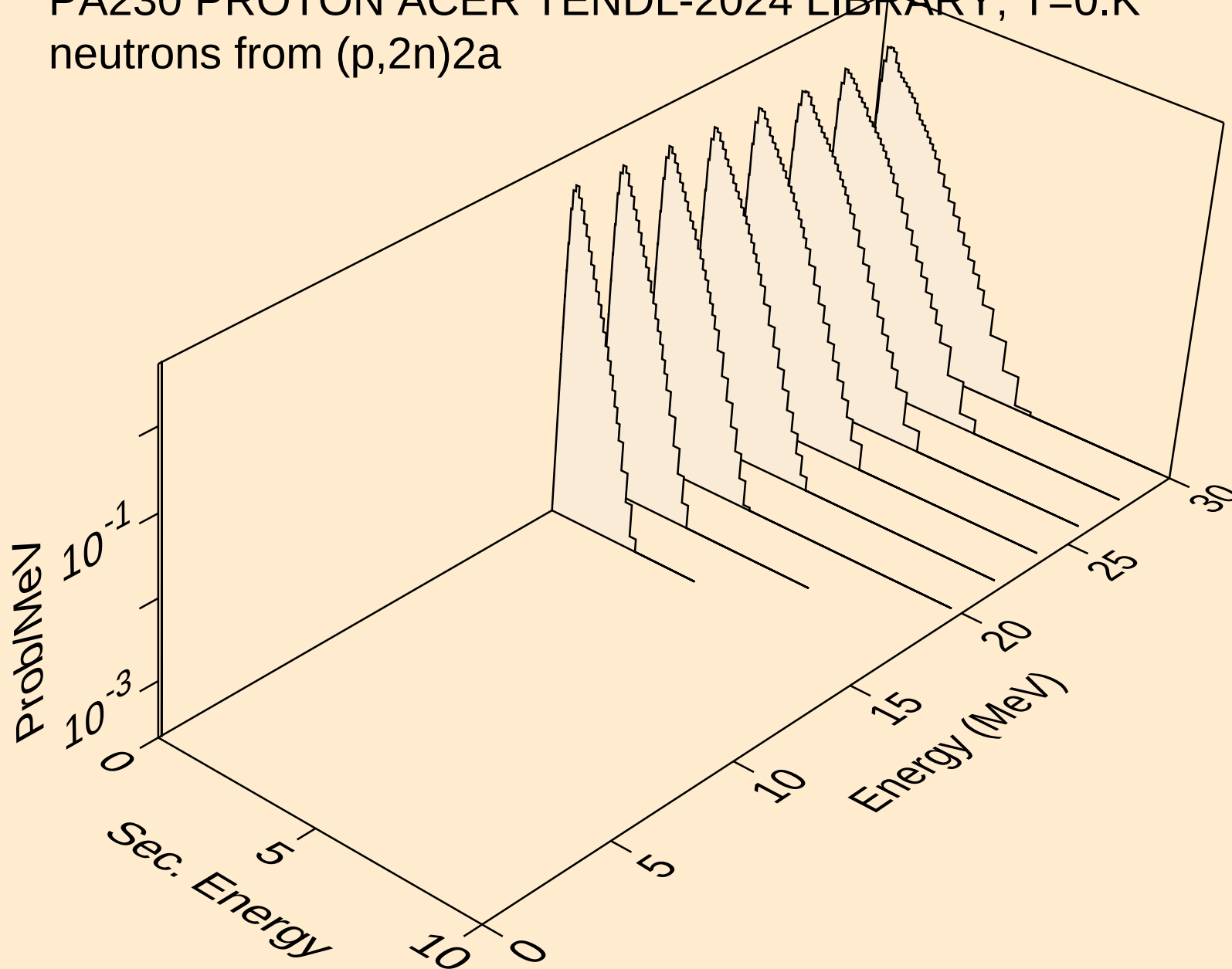
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)p



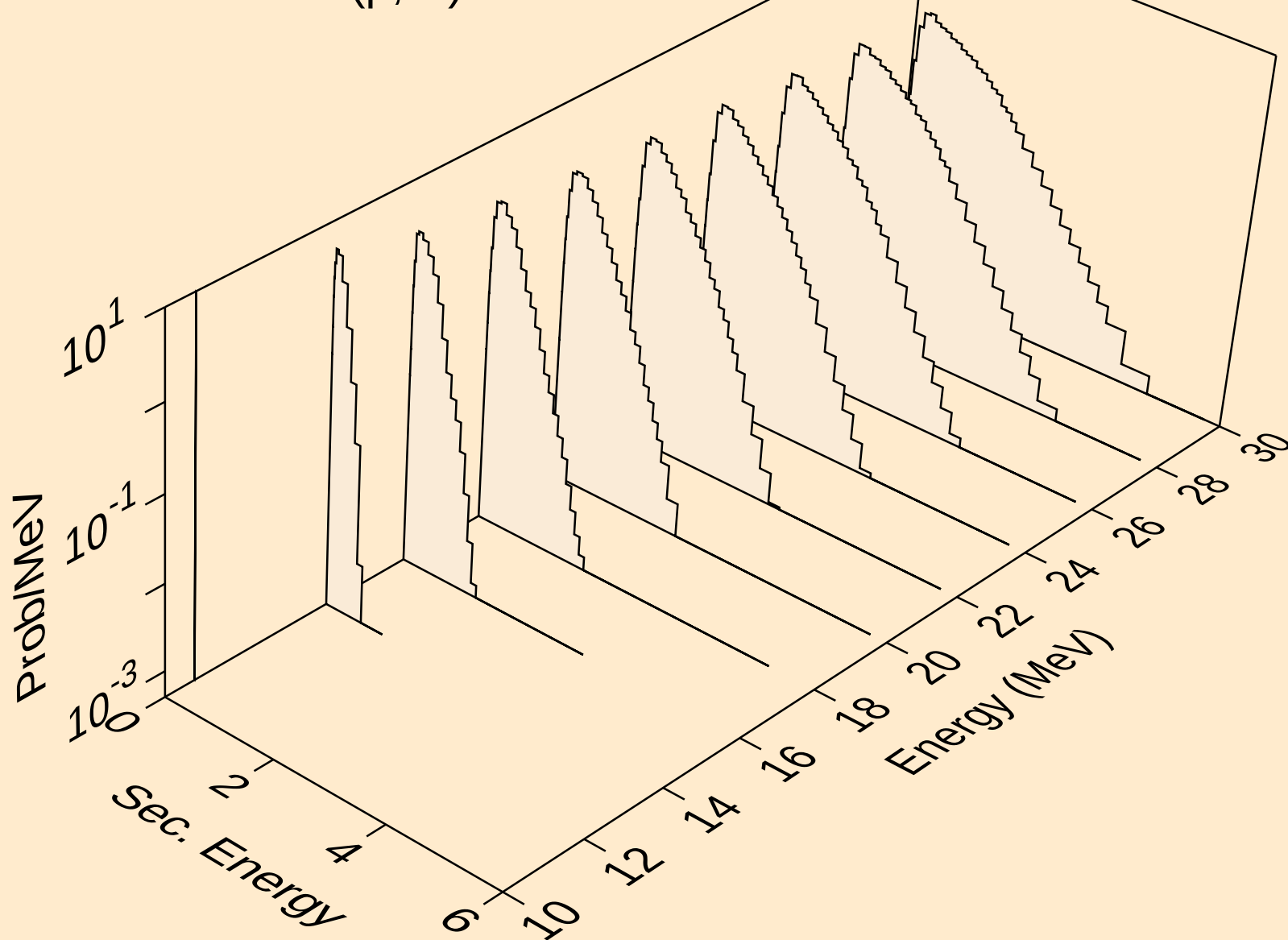
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)2a



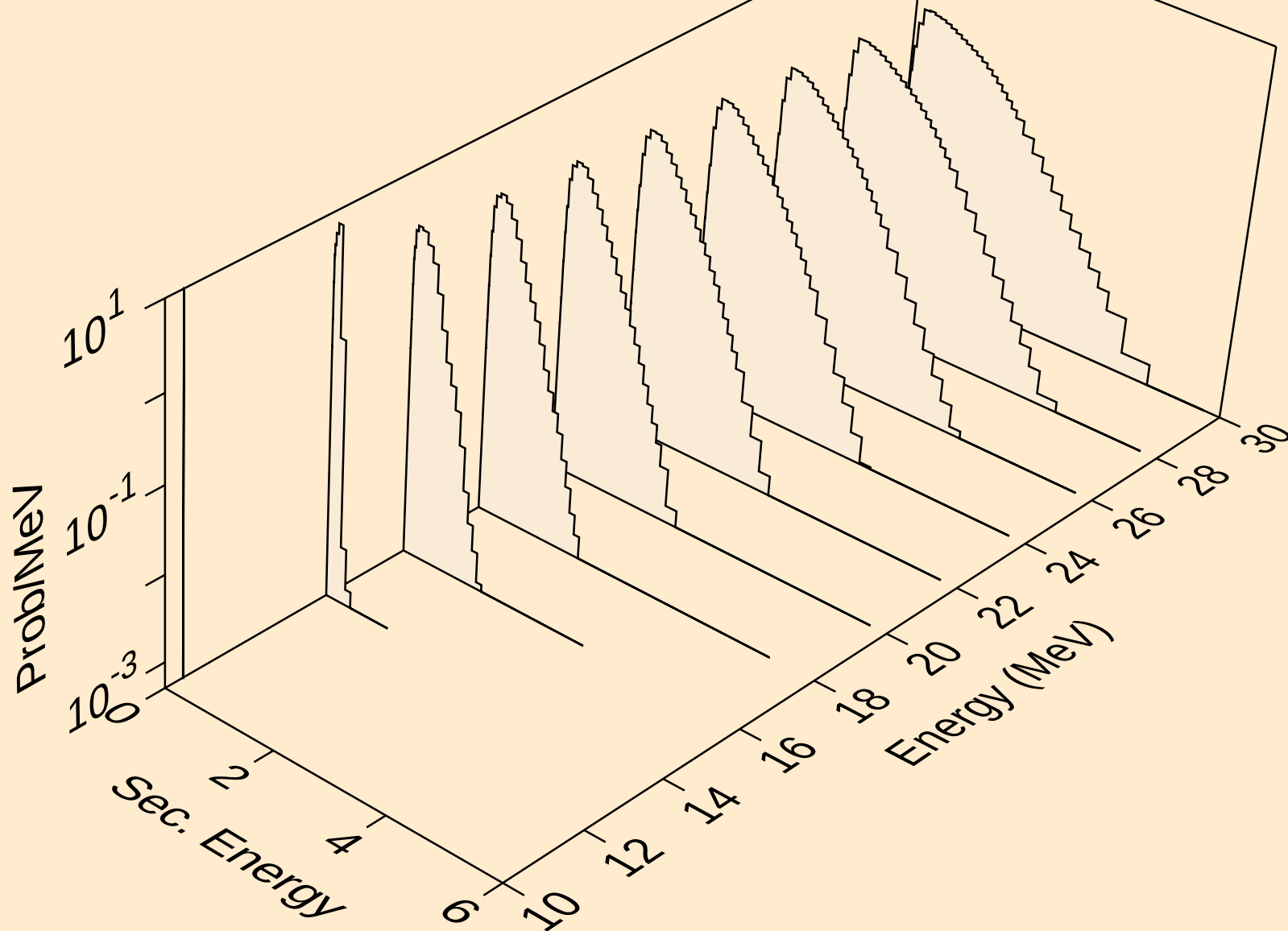
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)2a



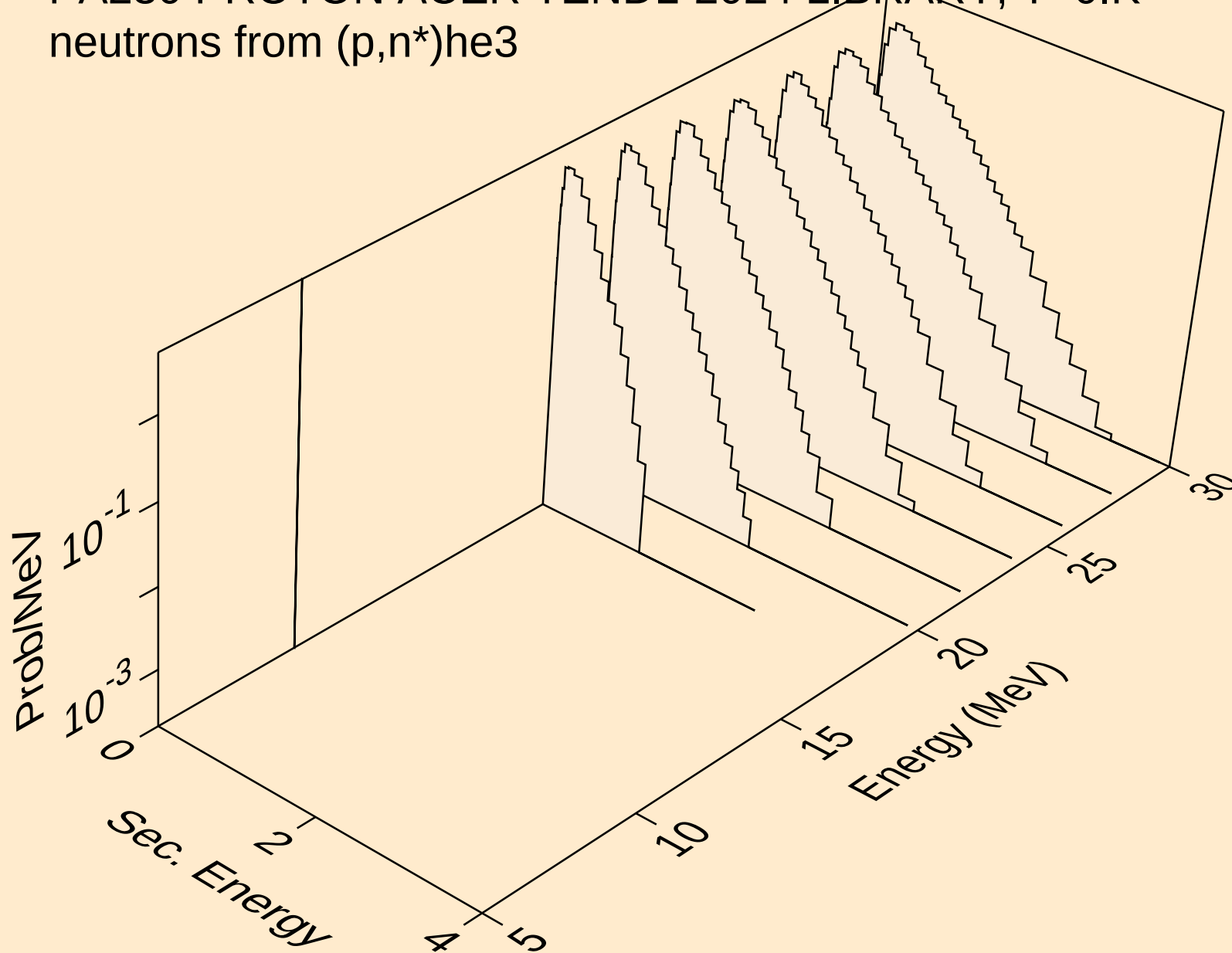
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from $(p,n^*)d$



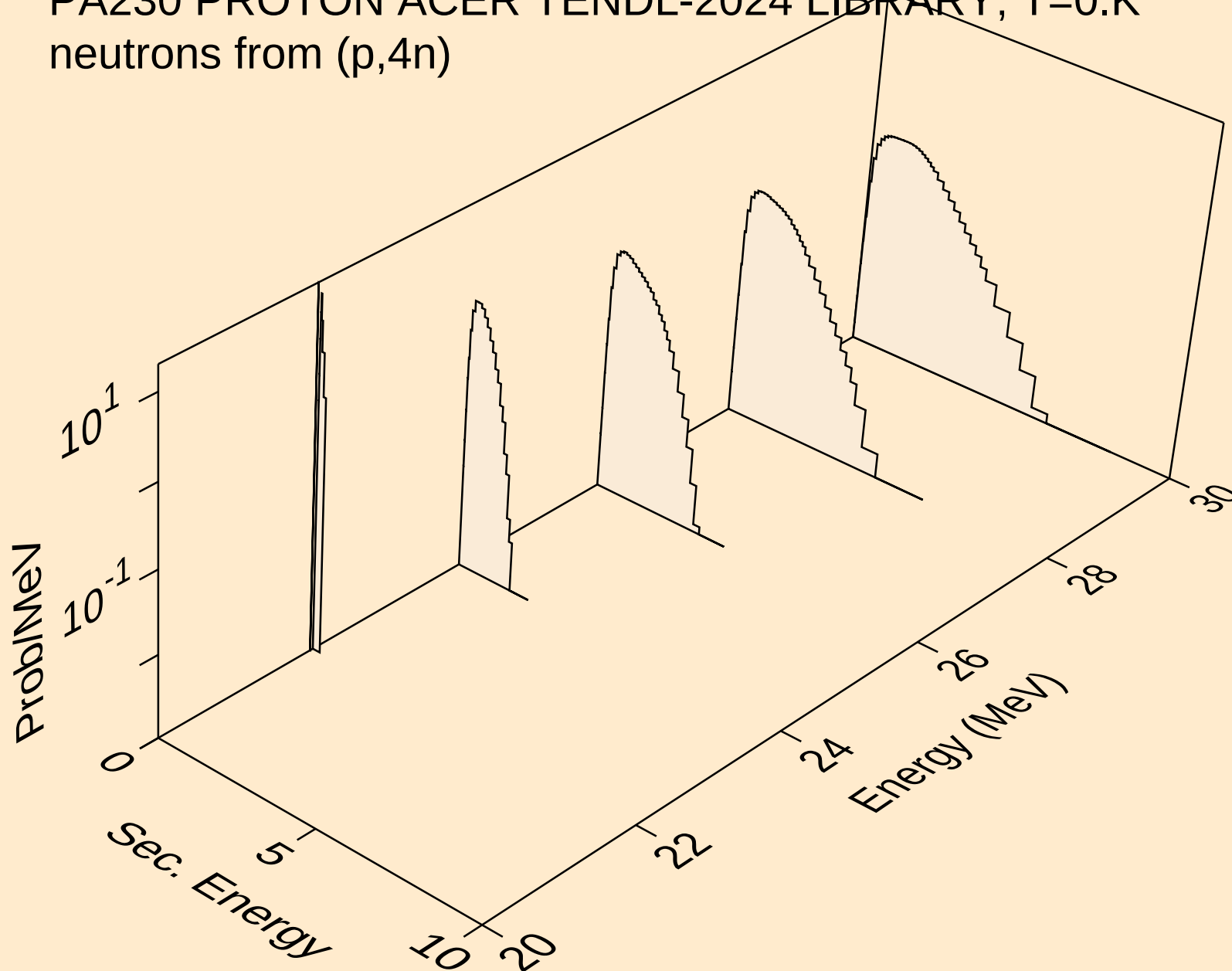
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from $(p,n^*)t$



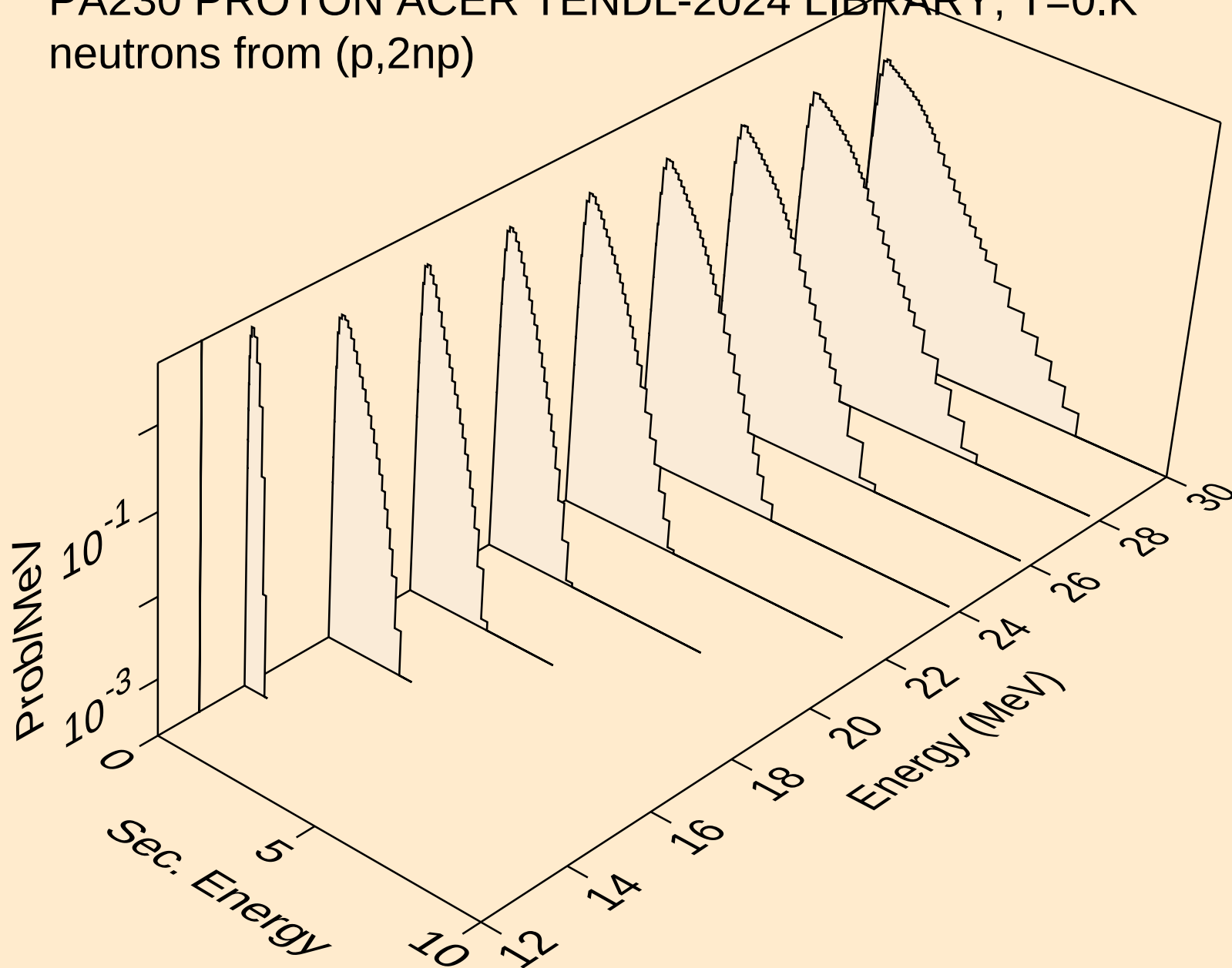
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from $(p,n^*)\text{he3}$



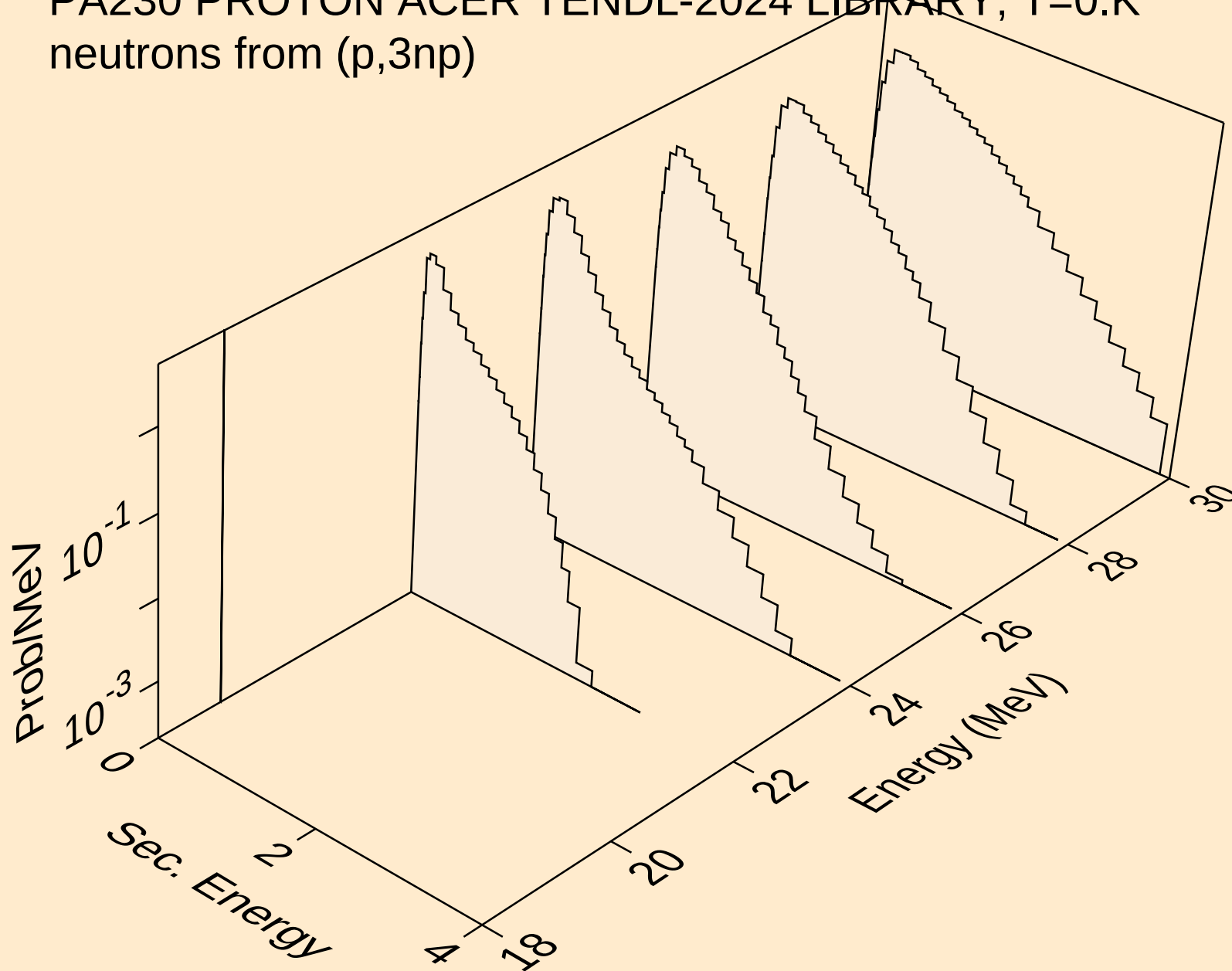
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,4n)



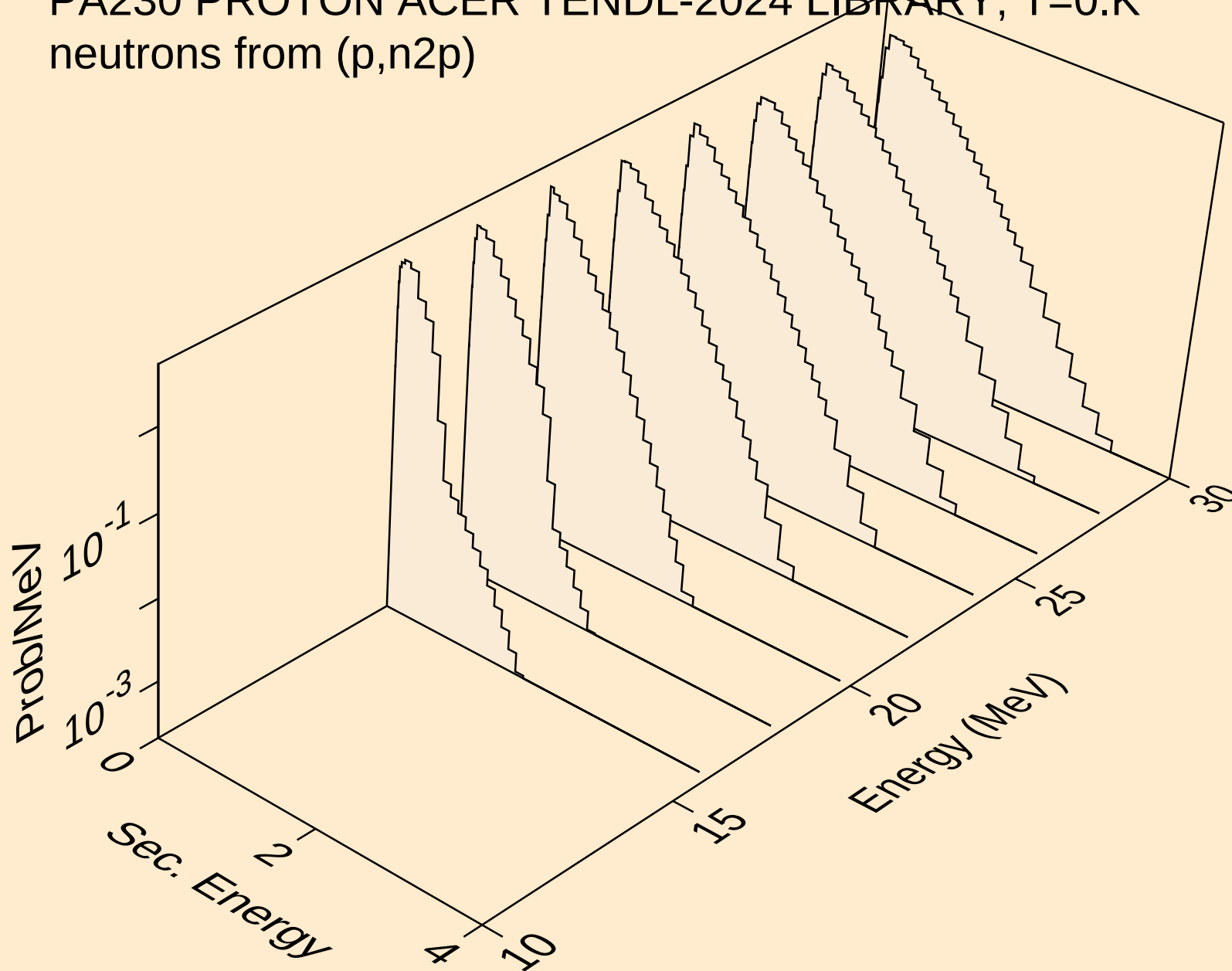
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2np)



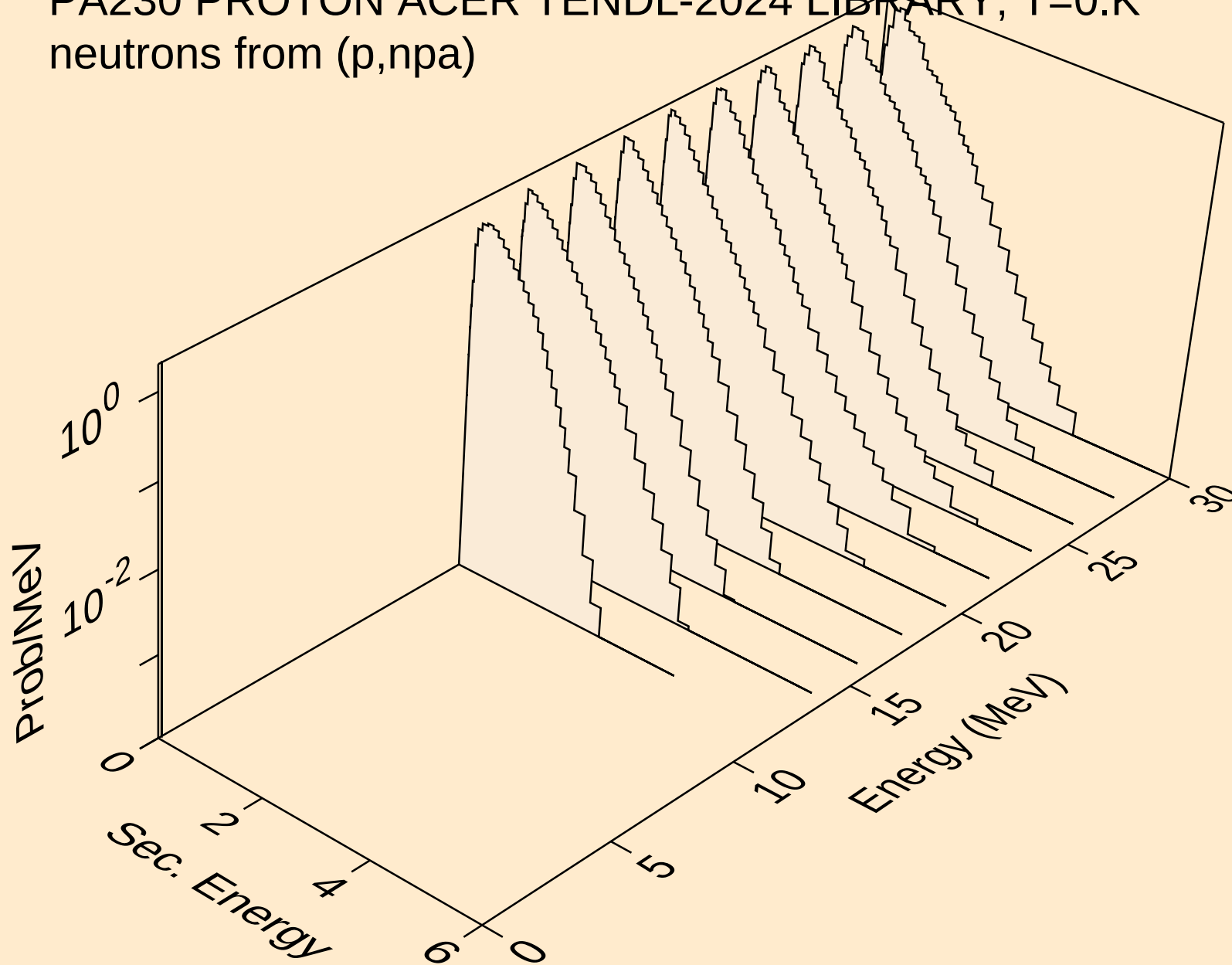
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3np)



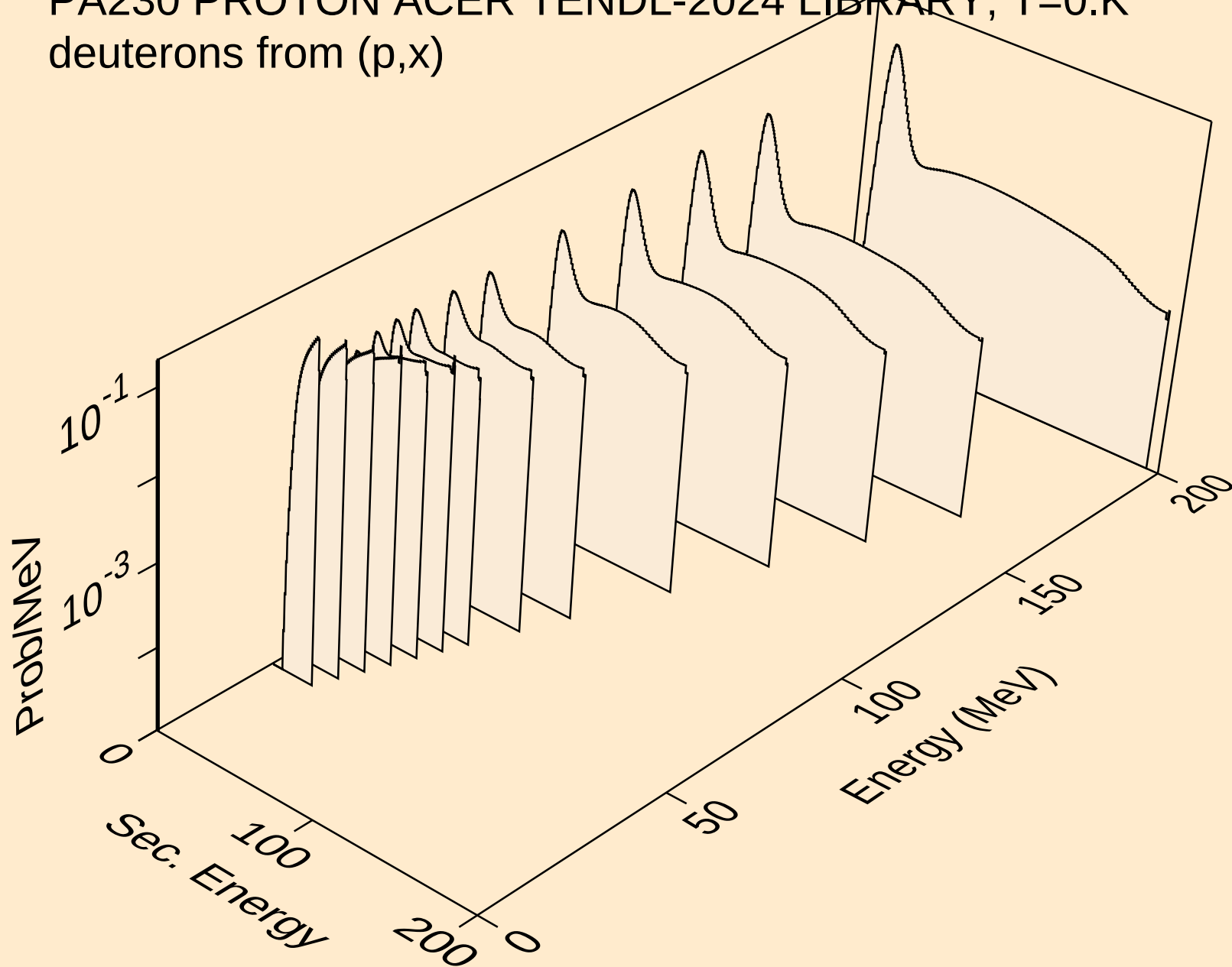
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n2p)



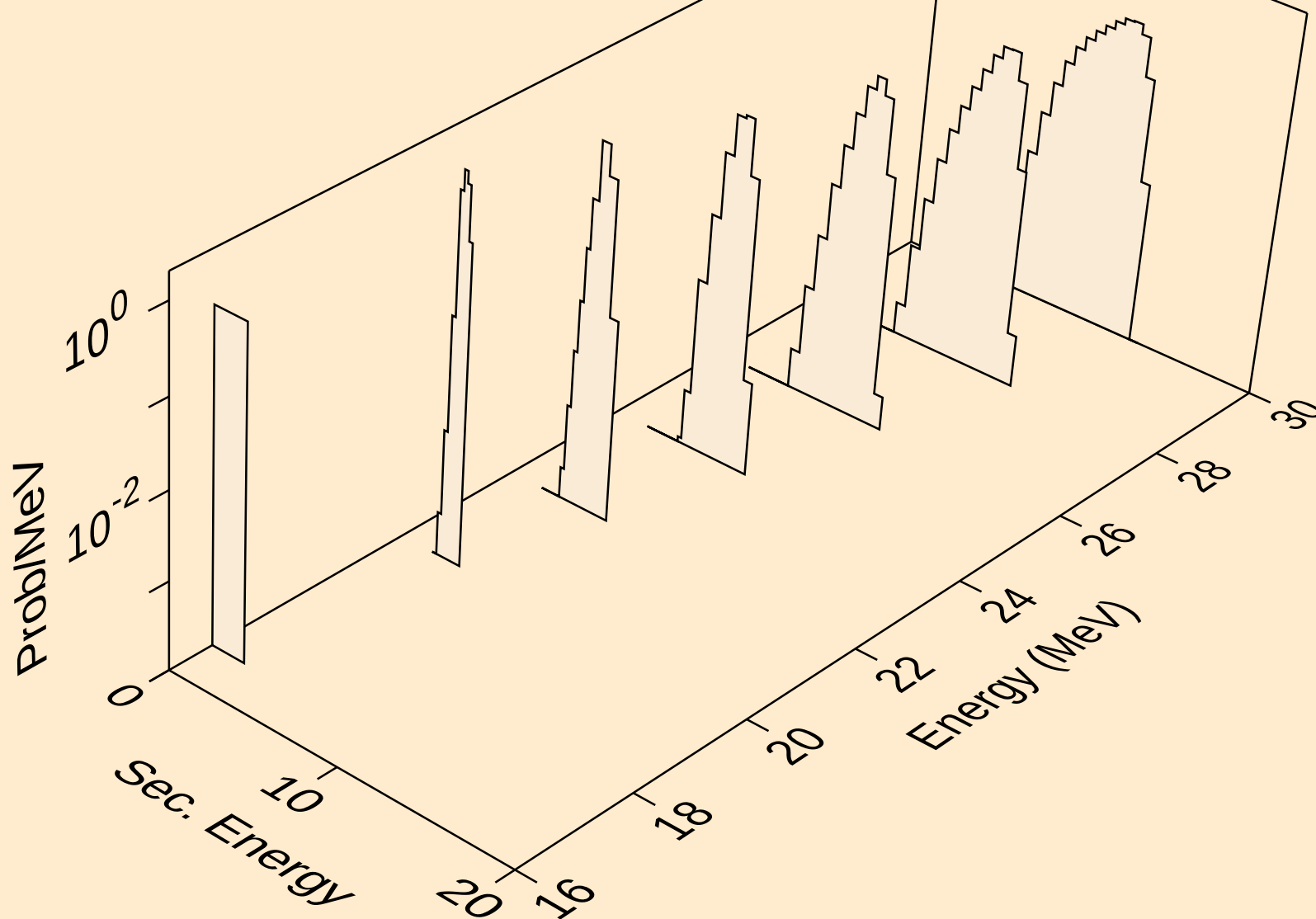
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,npa)



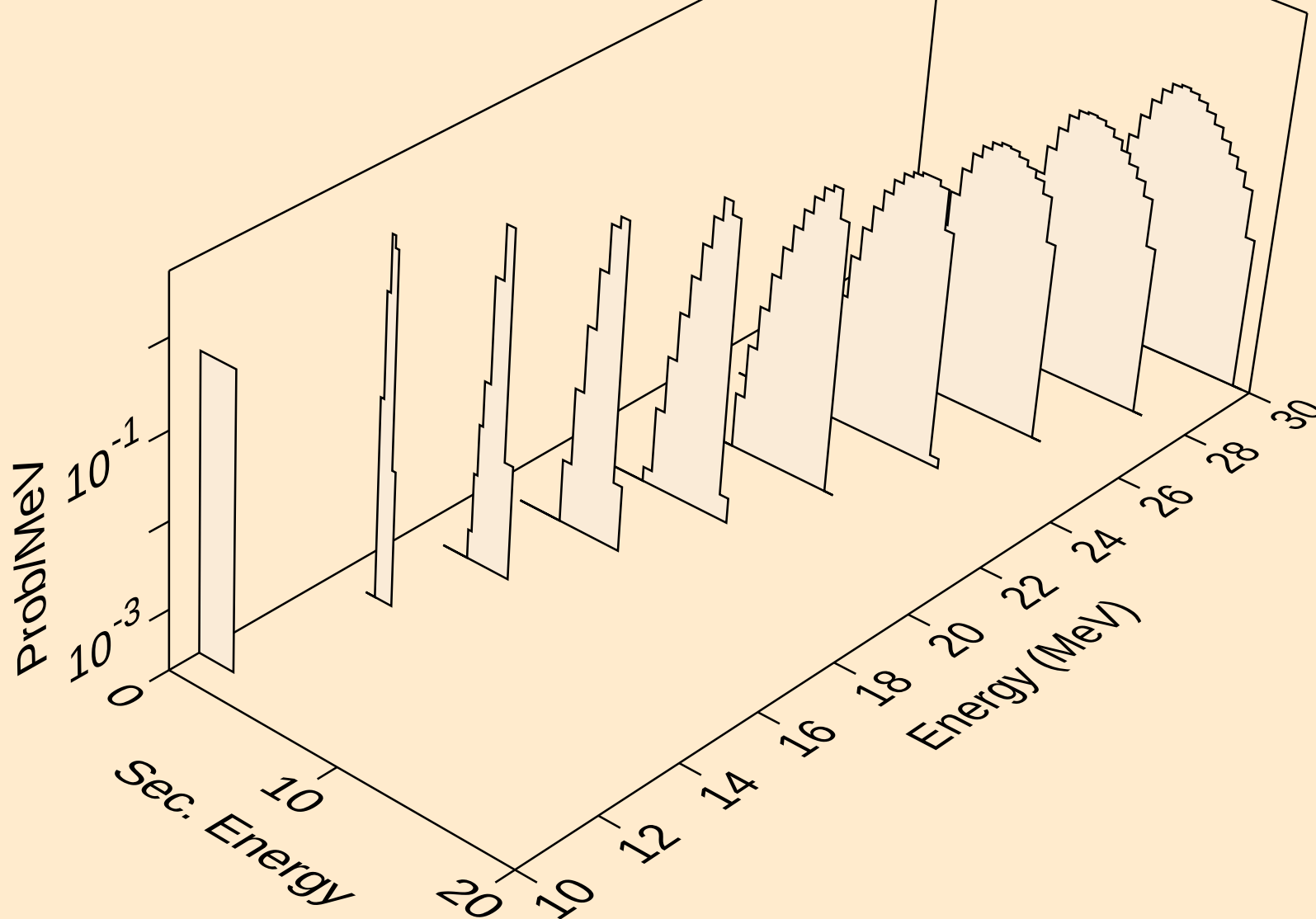
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,x)



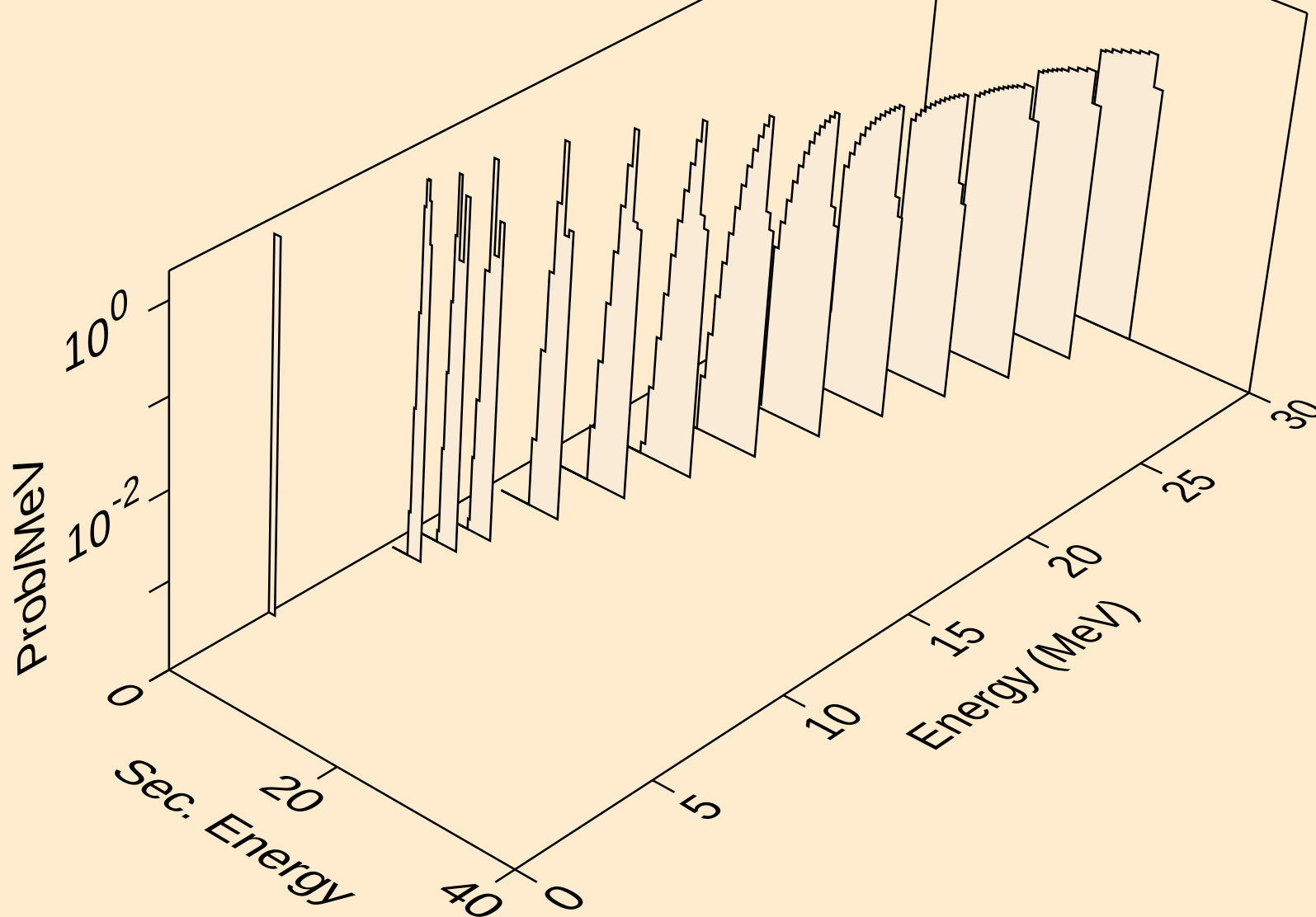
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deuterons from (p,2nd)



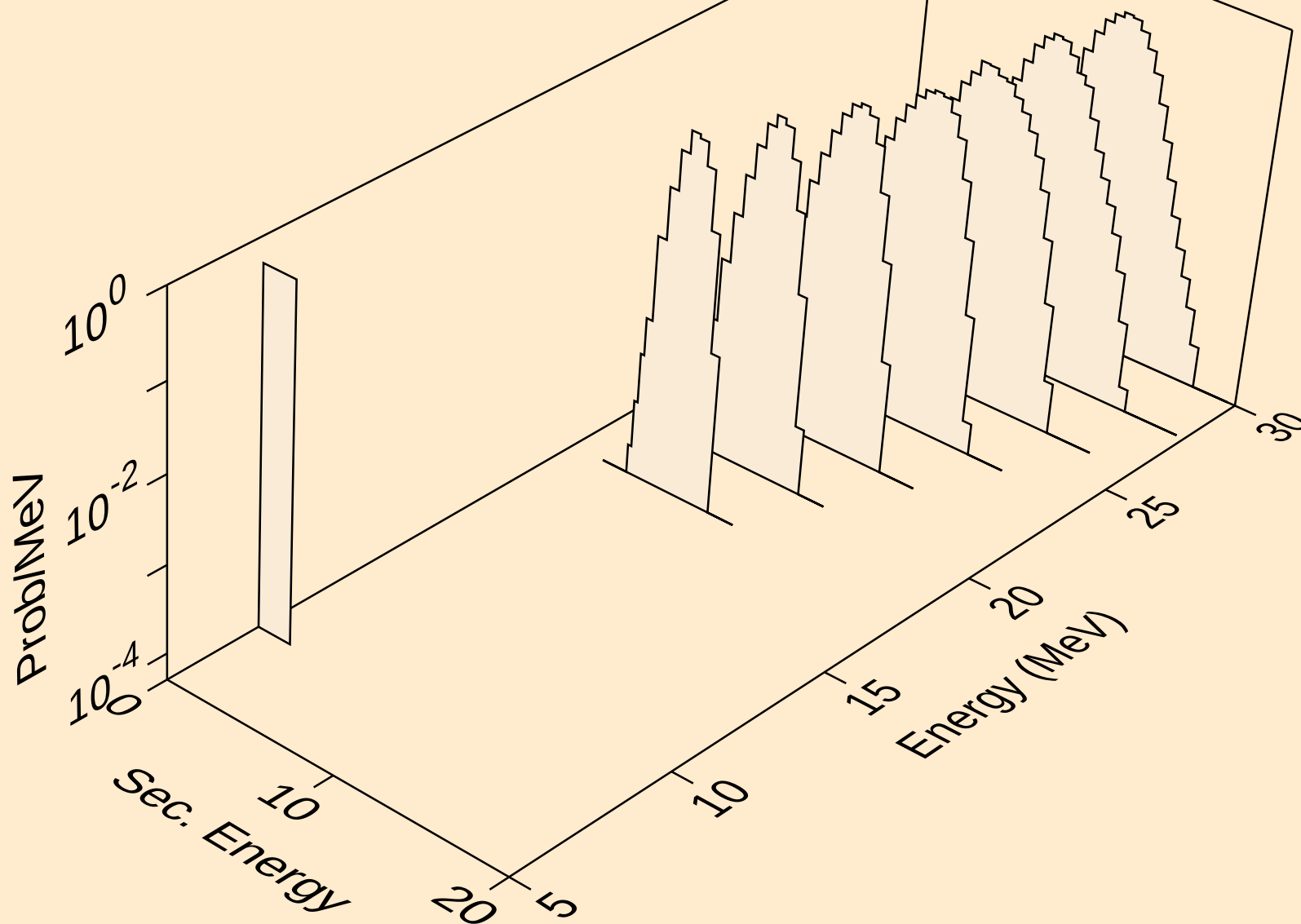
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,n*)d



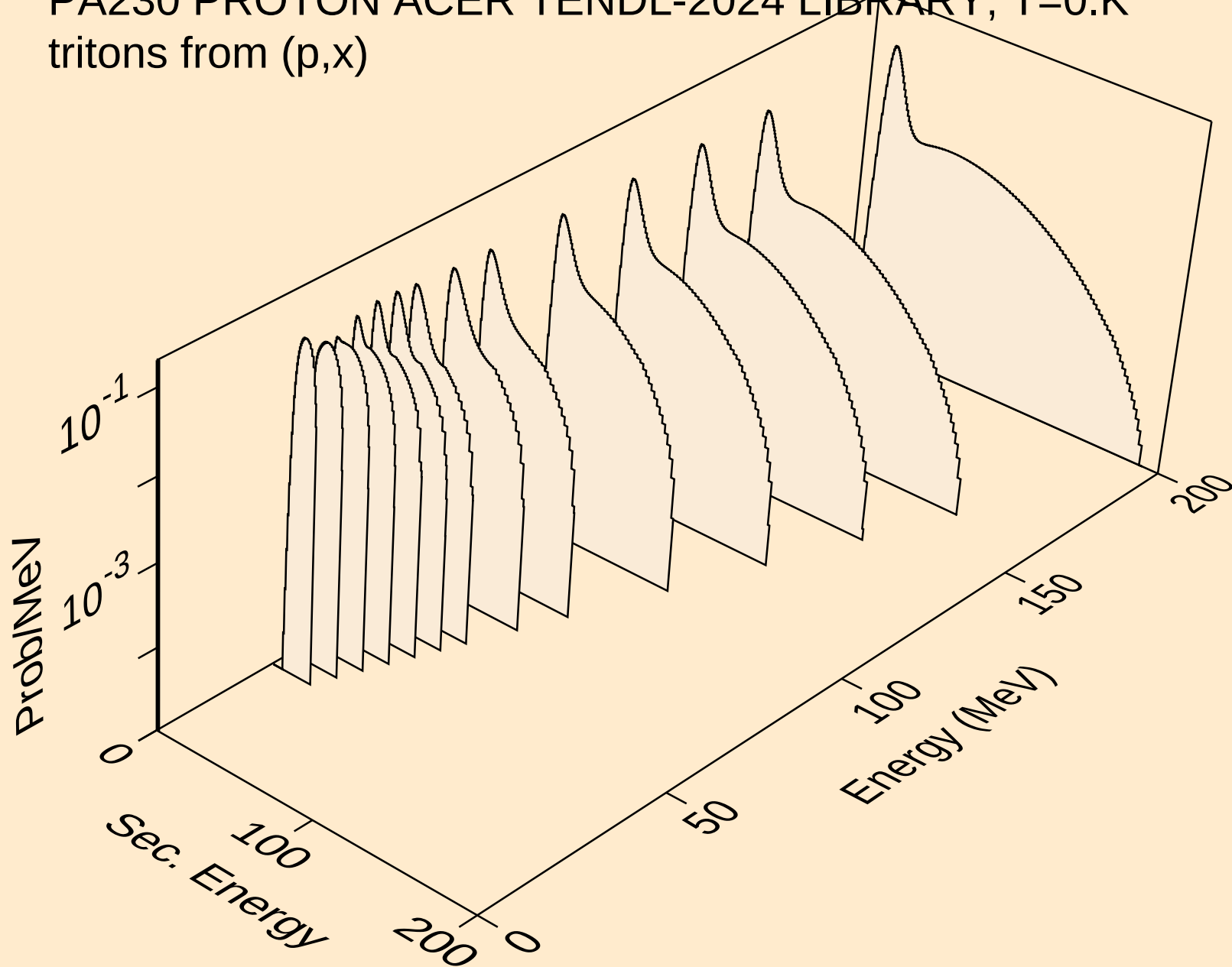
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,d)



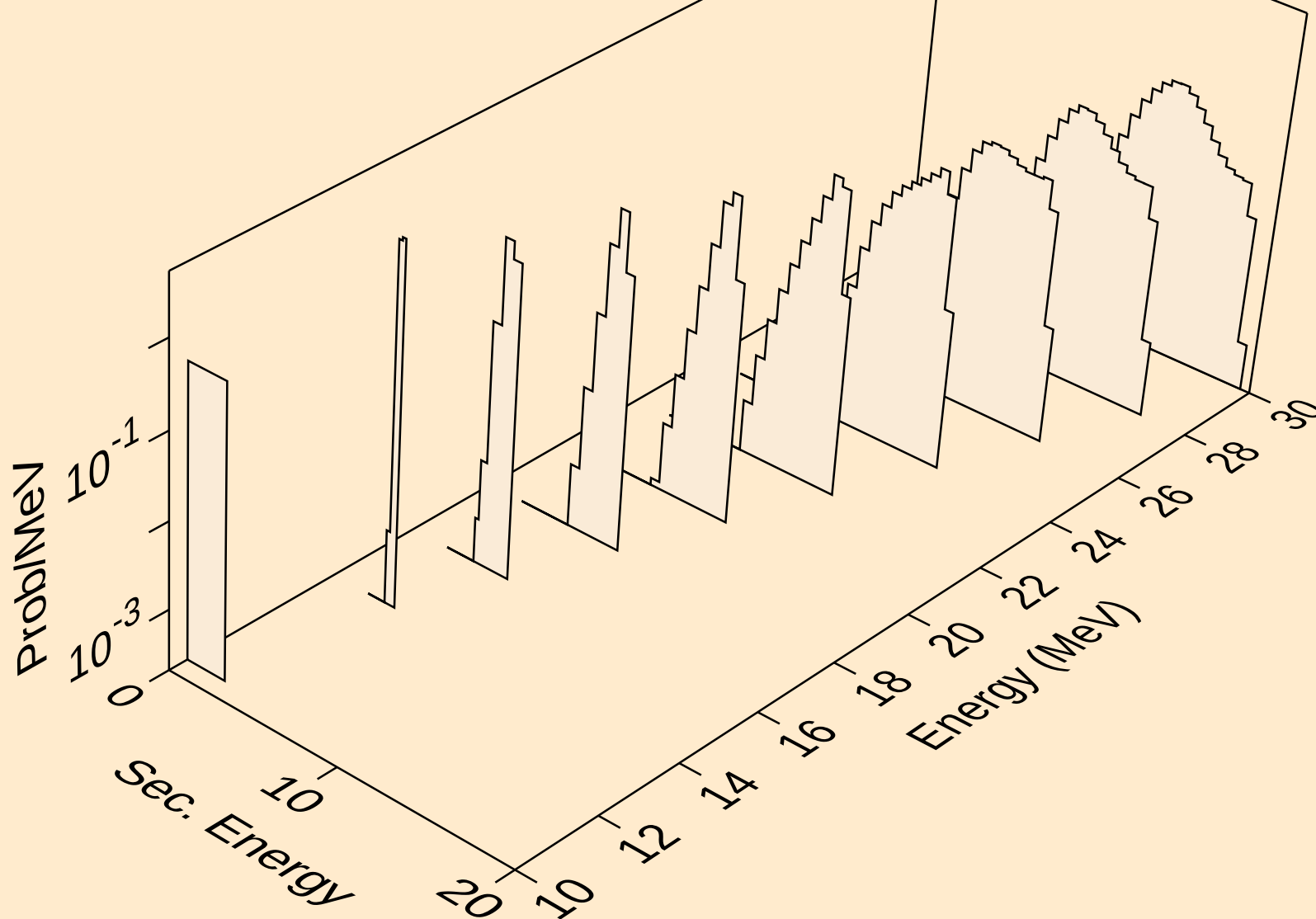
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,pd)



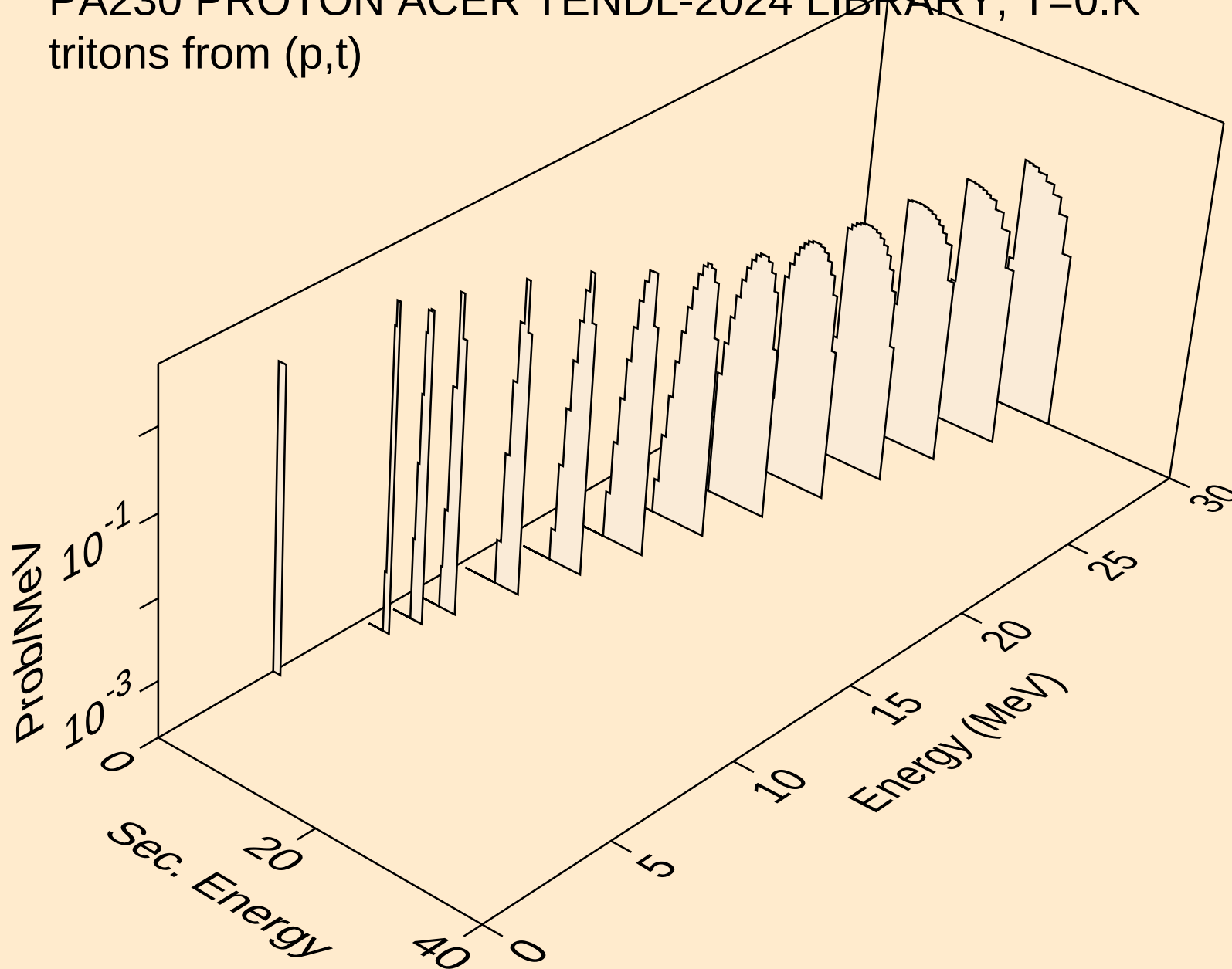
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,x)



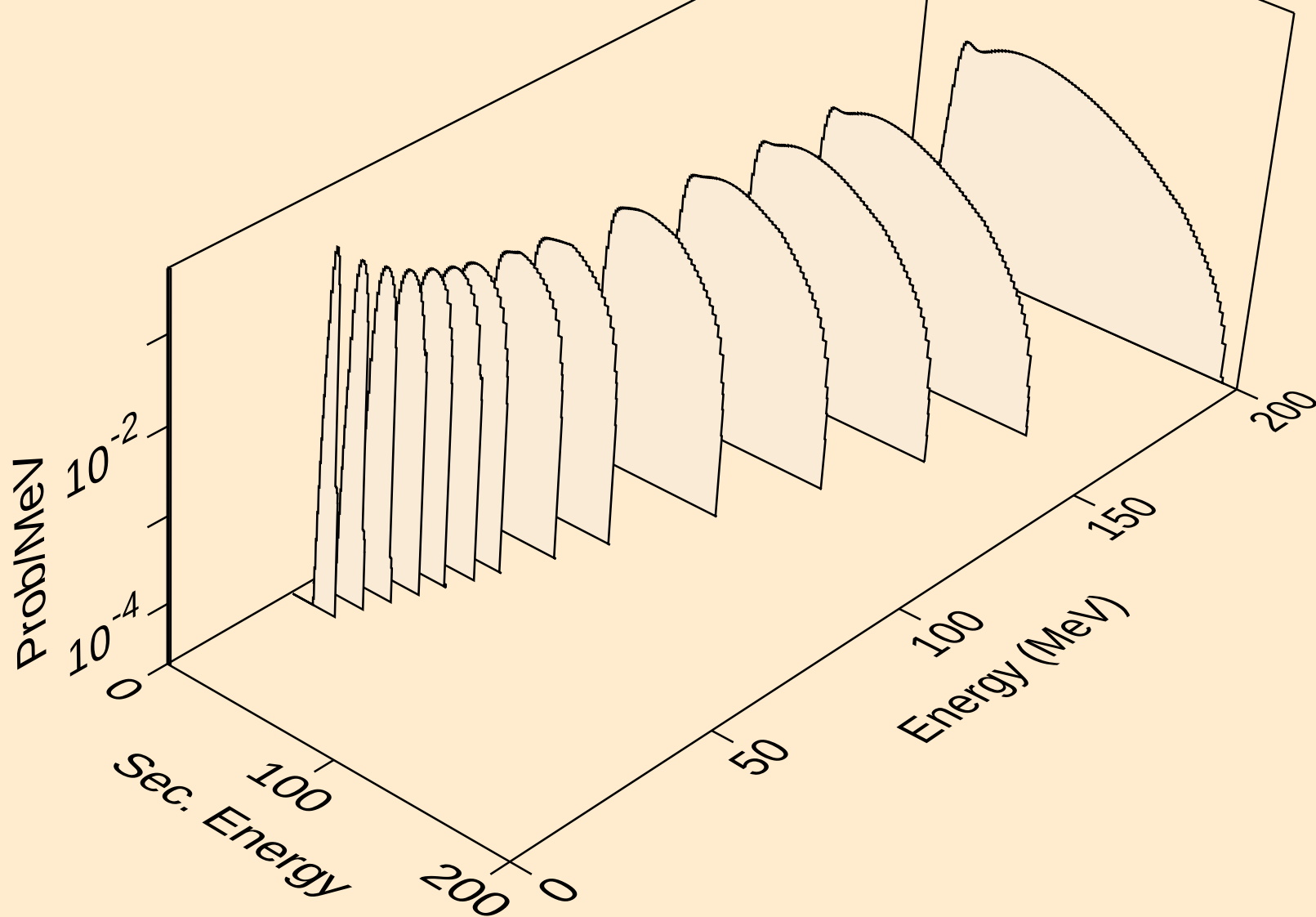
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
tritons from $(p,n^*)t$



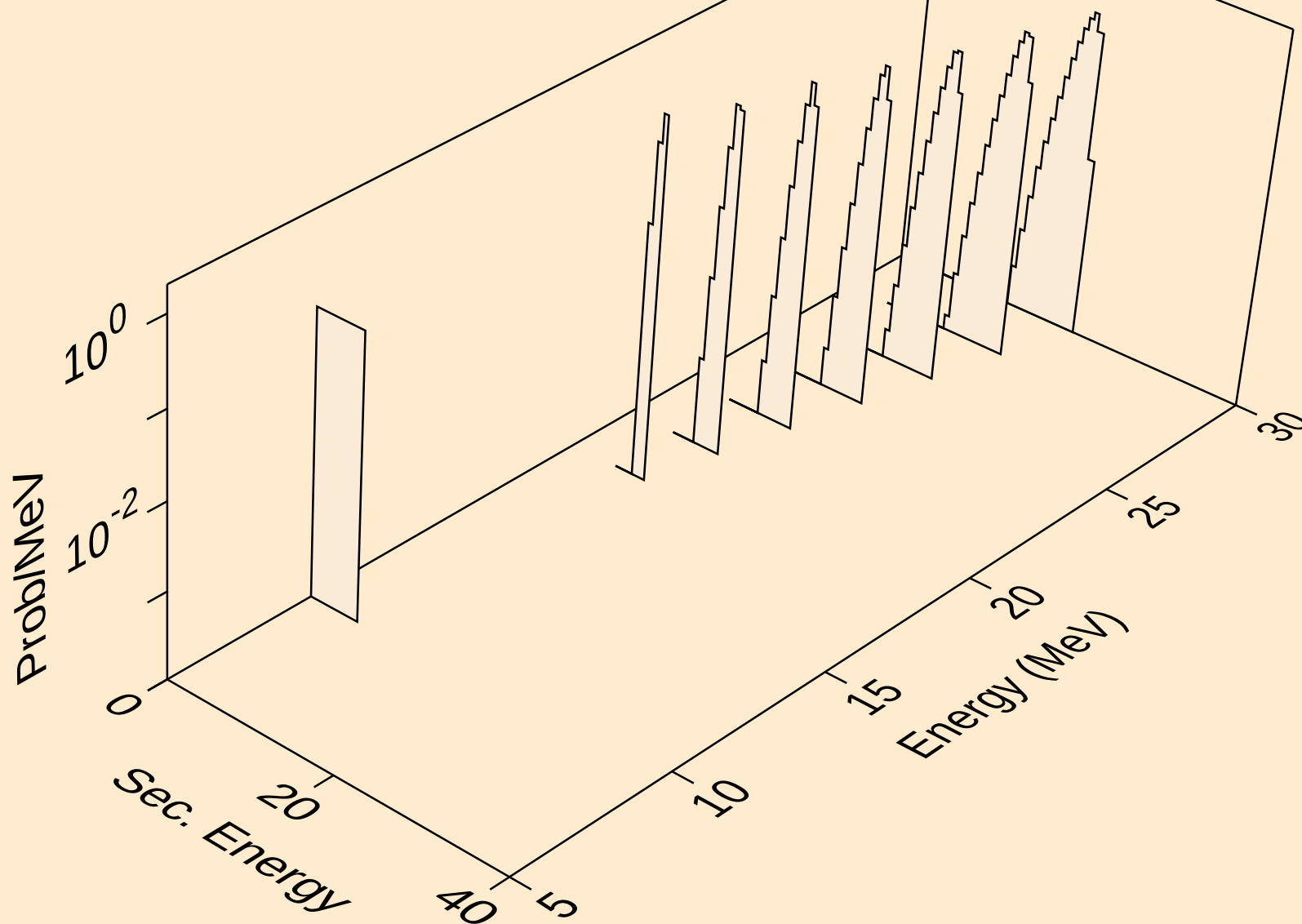
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,t)



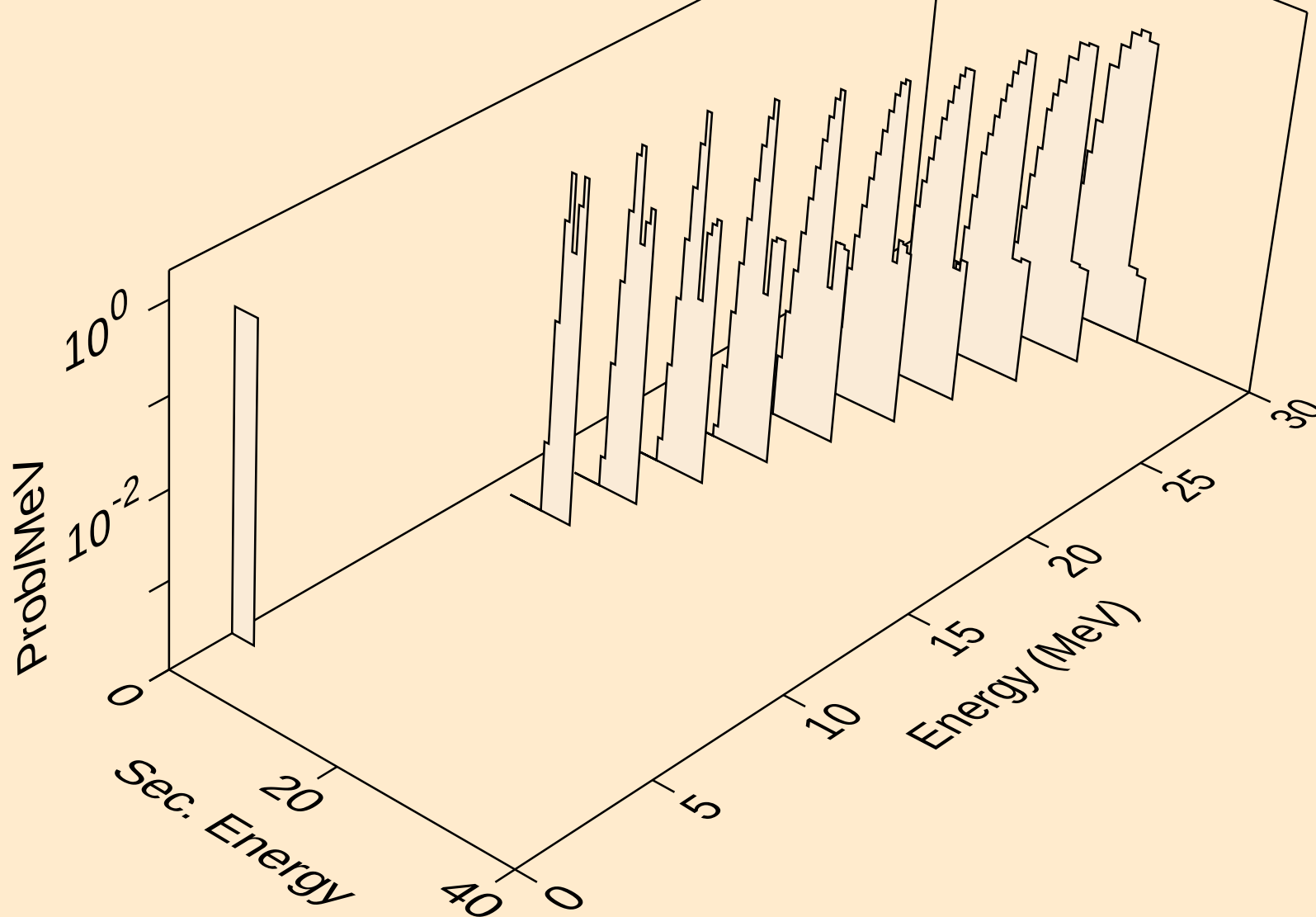
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,x)



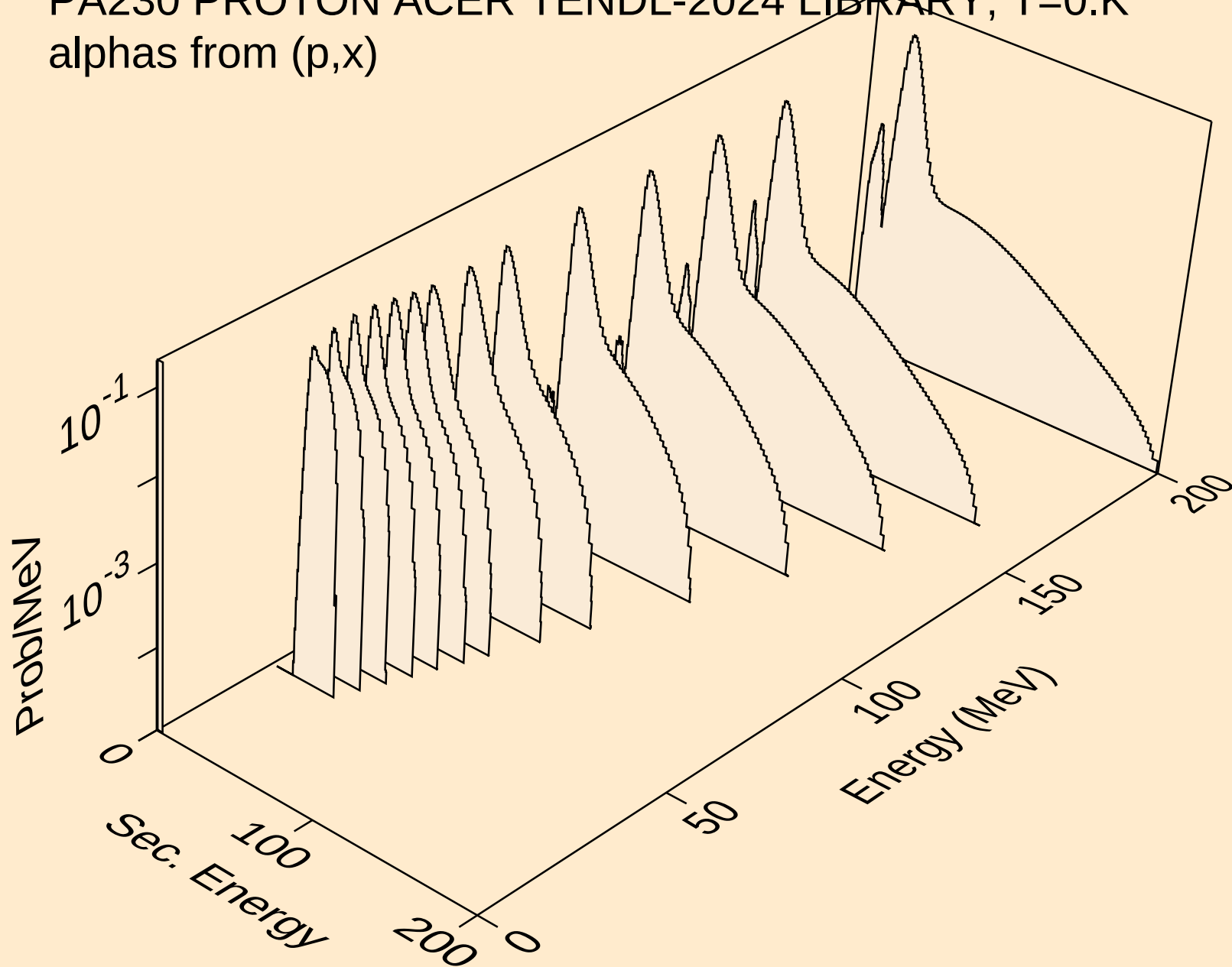
PA230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
he3s from $(p,n^*)\text{he3}$



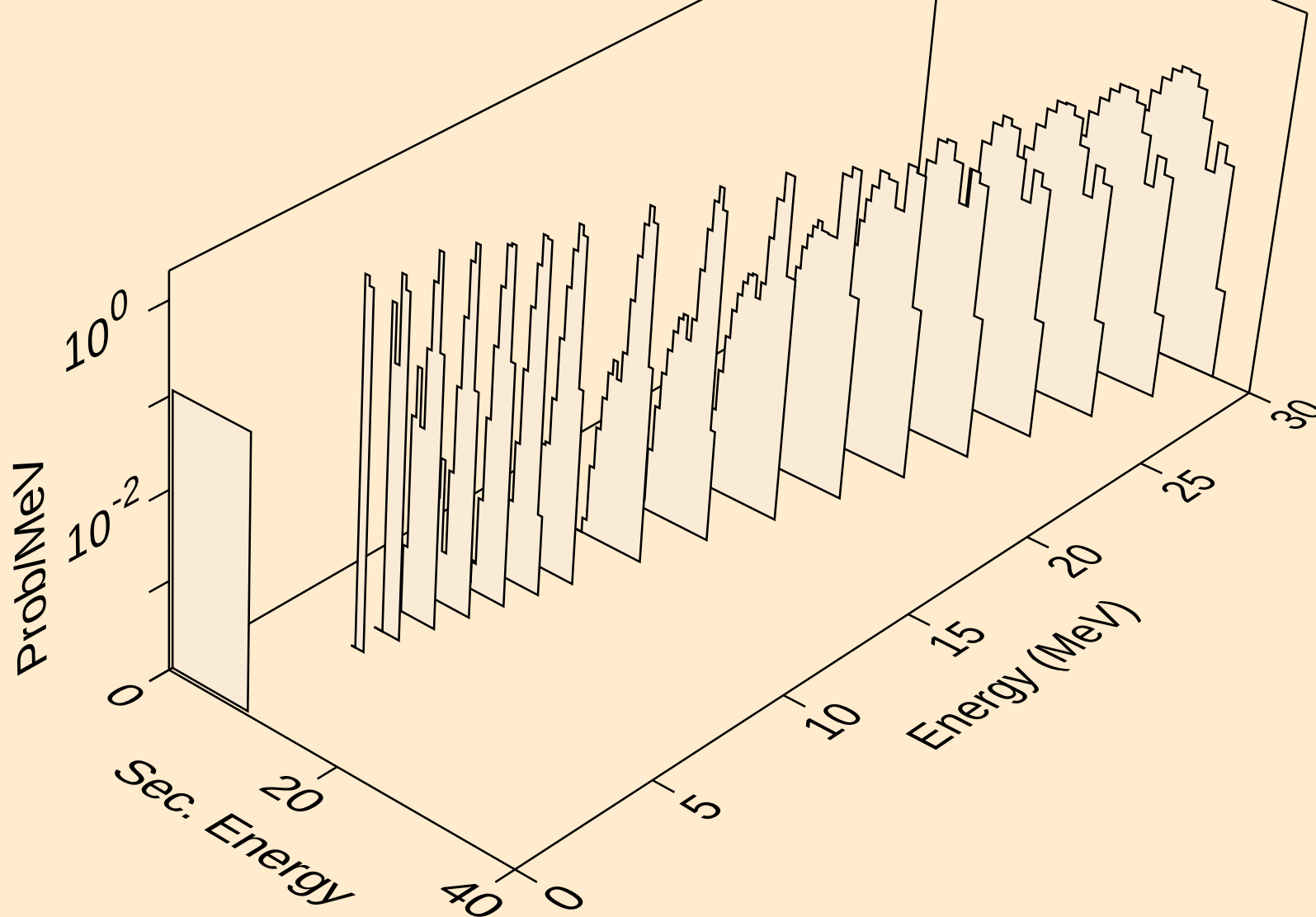
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he3s from (p,he3)



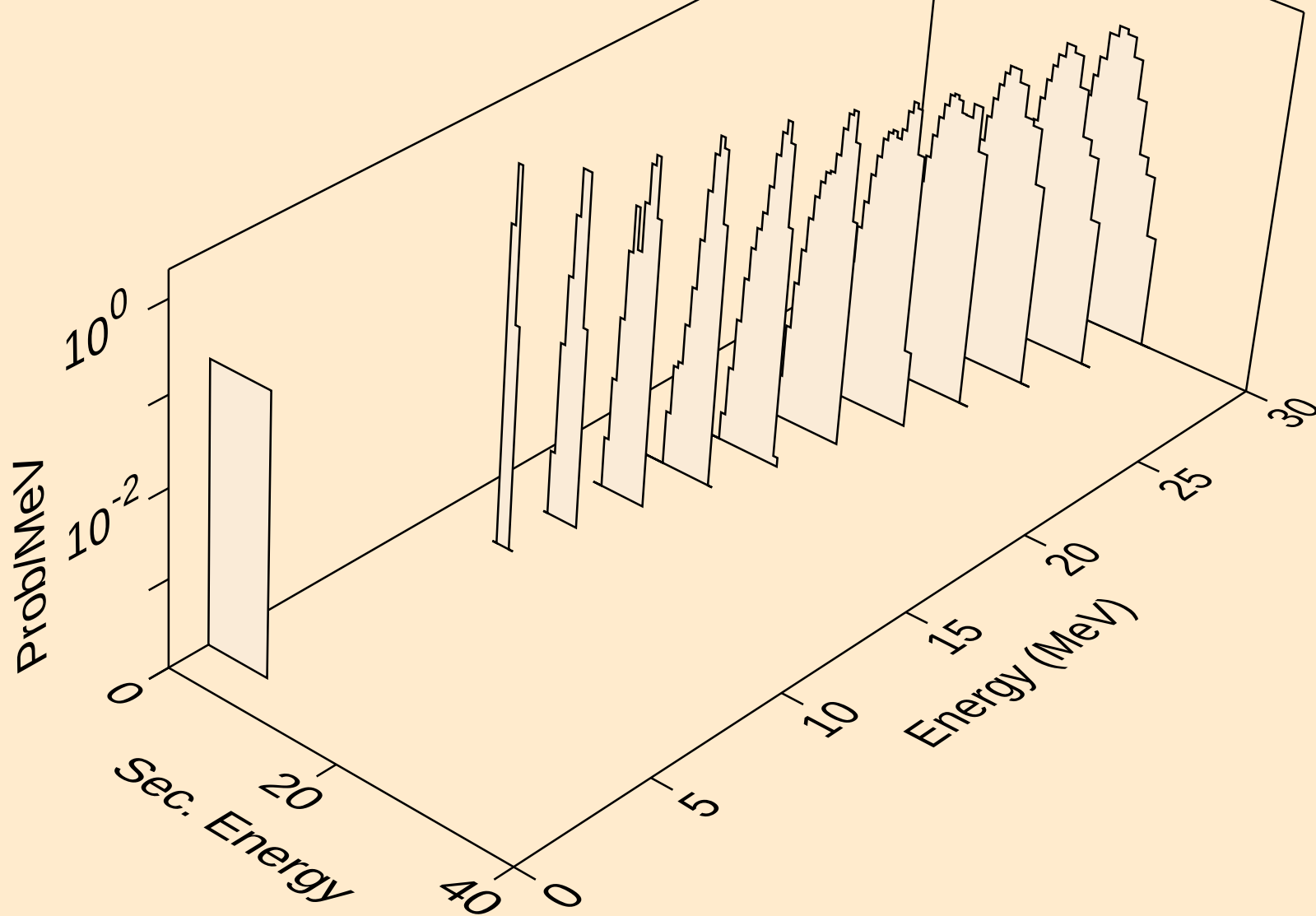
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,x)



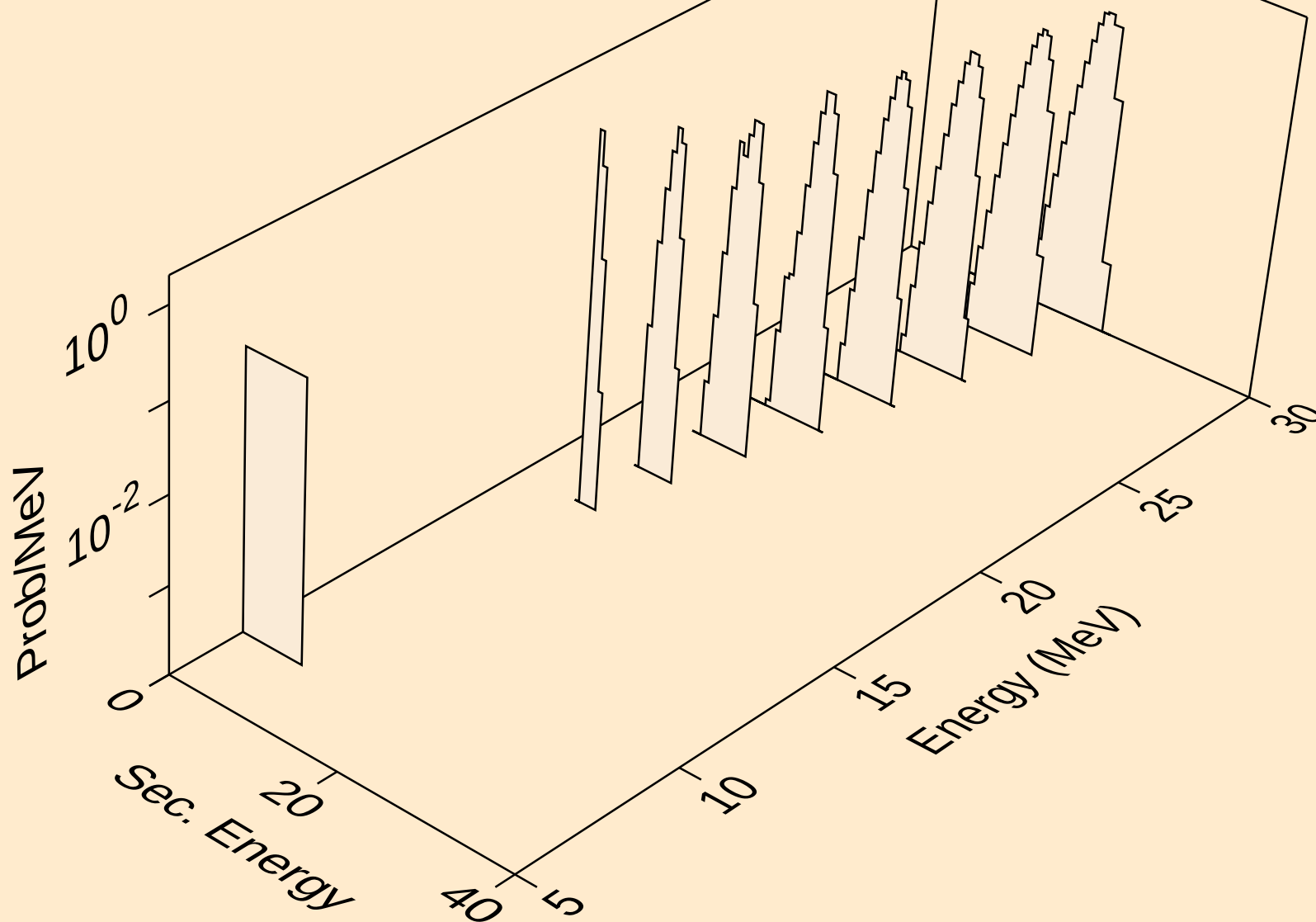
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)a



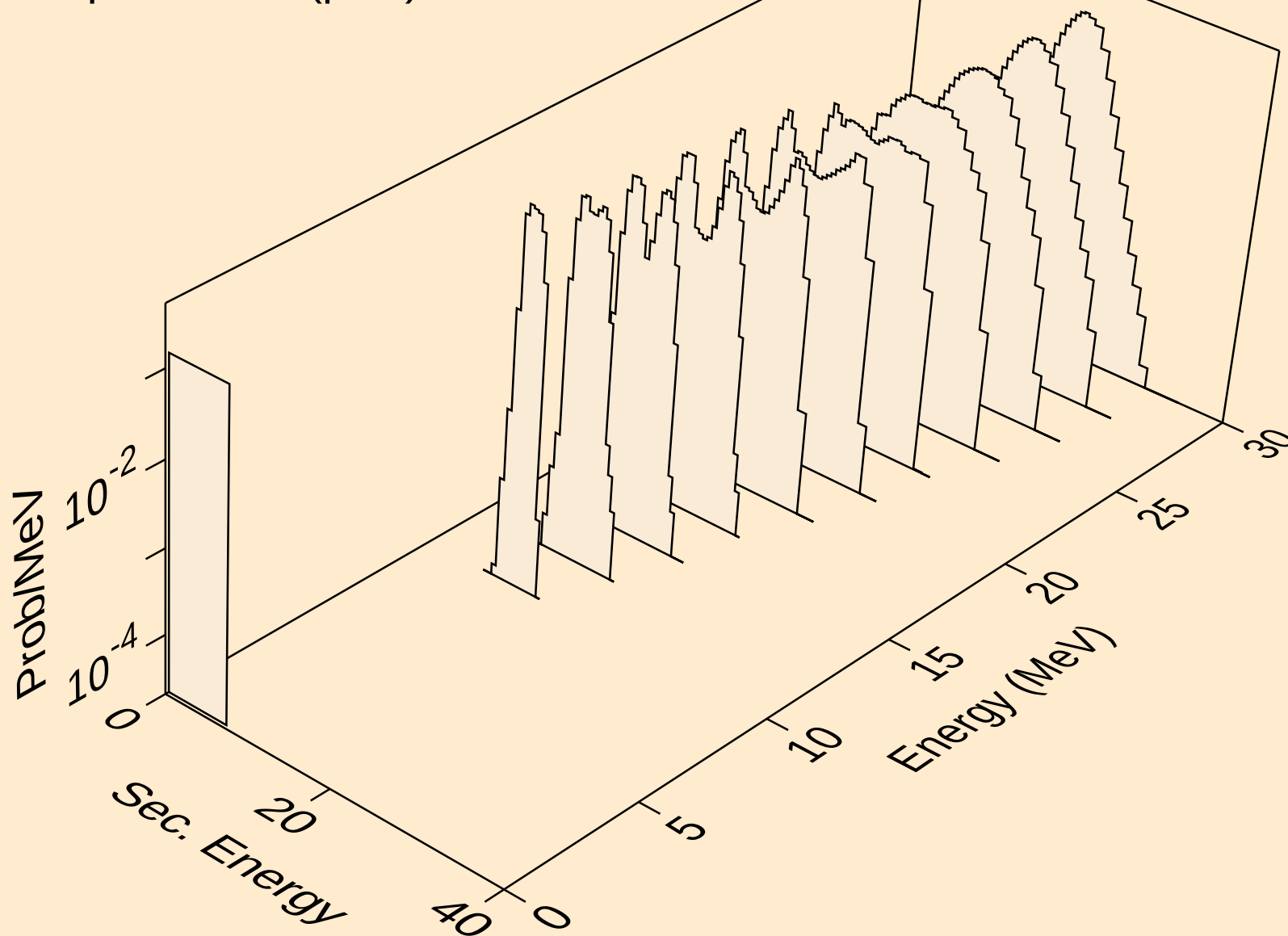
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2n)a



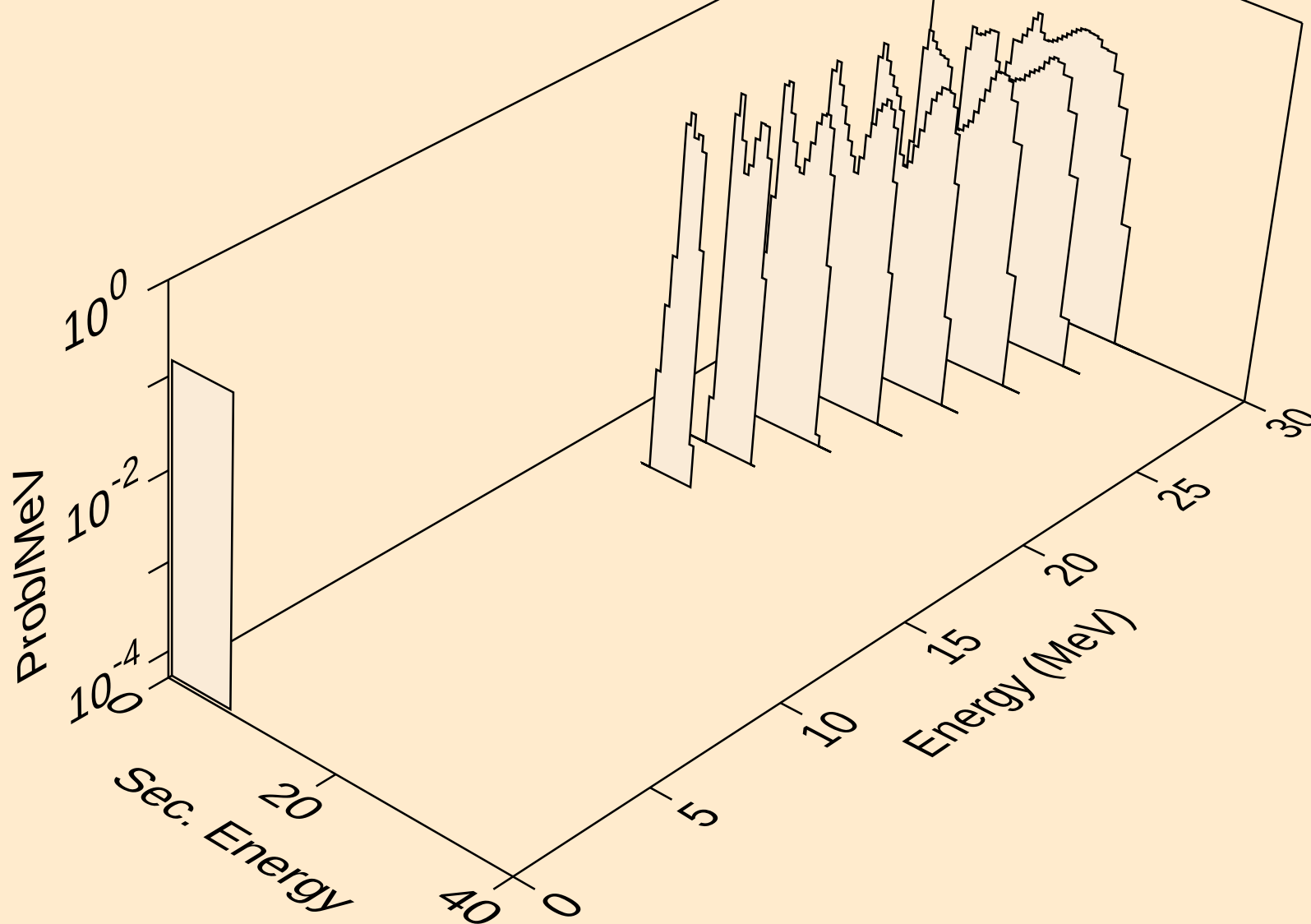
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,3n)a



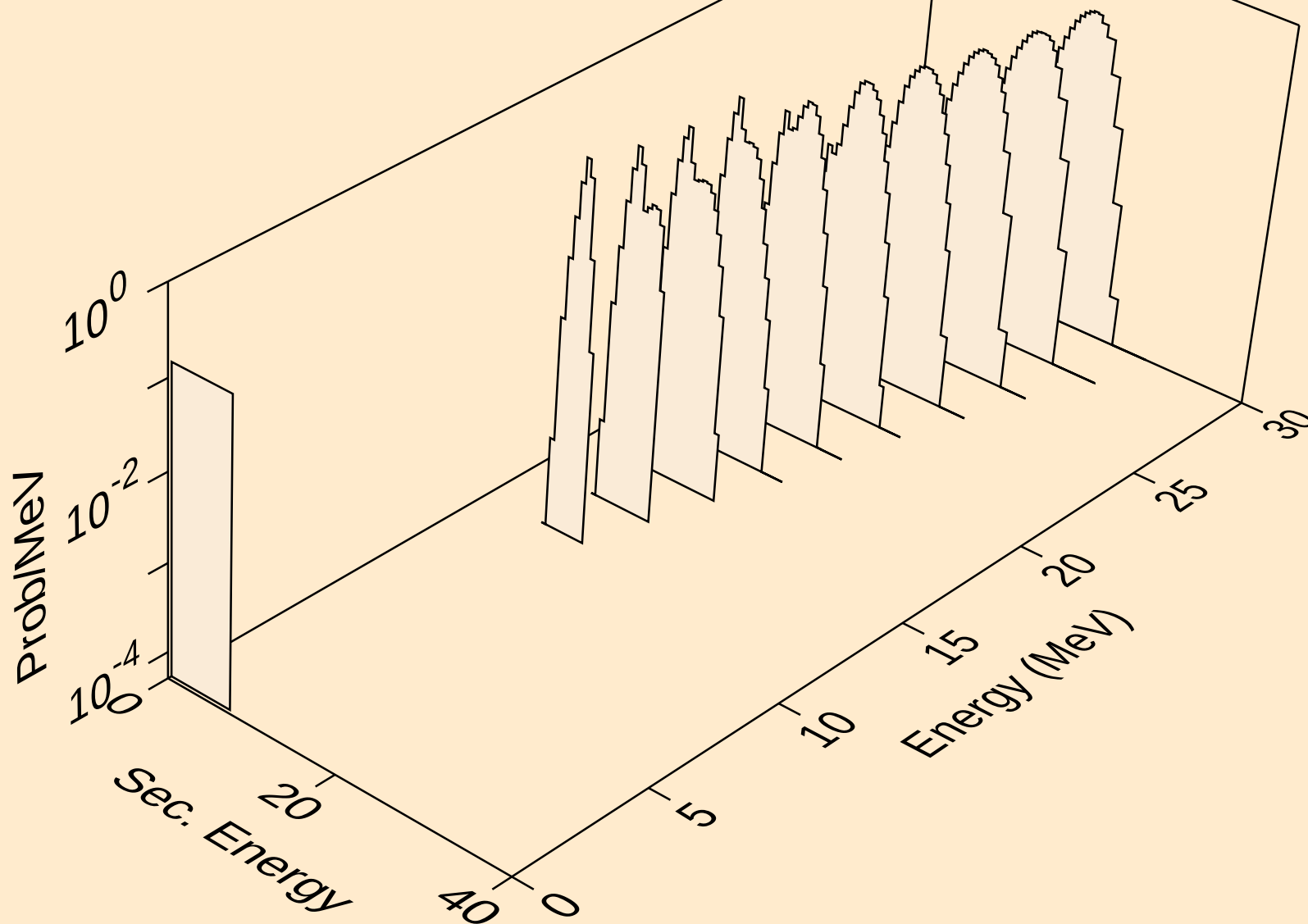
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)2a



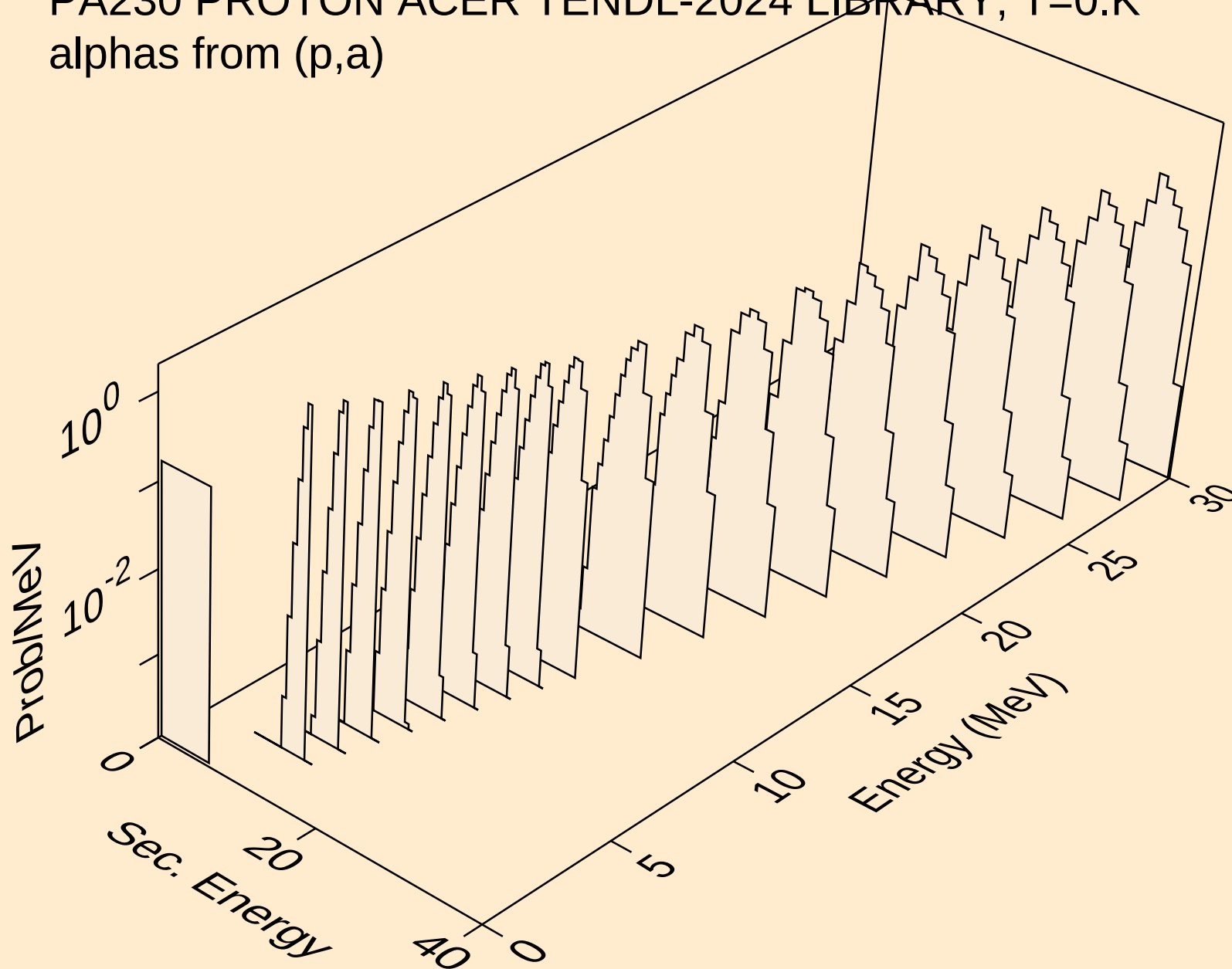
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2n)2a



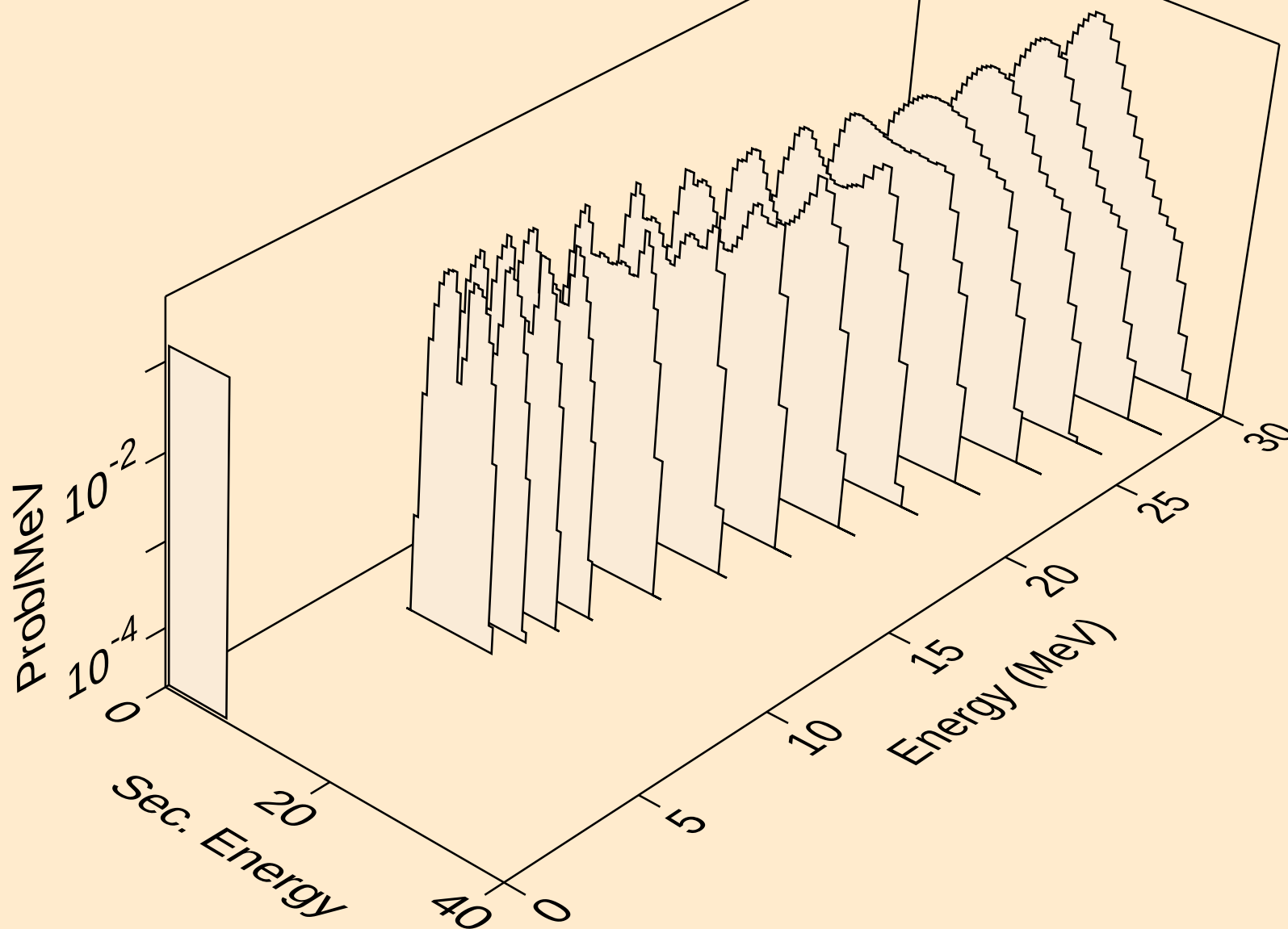
PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,npa)



PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,a)



PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2a)



PA230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,pa)

