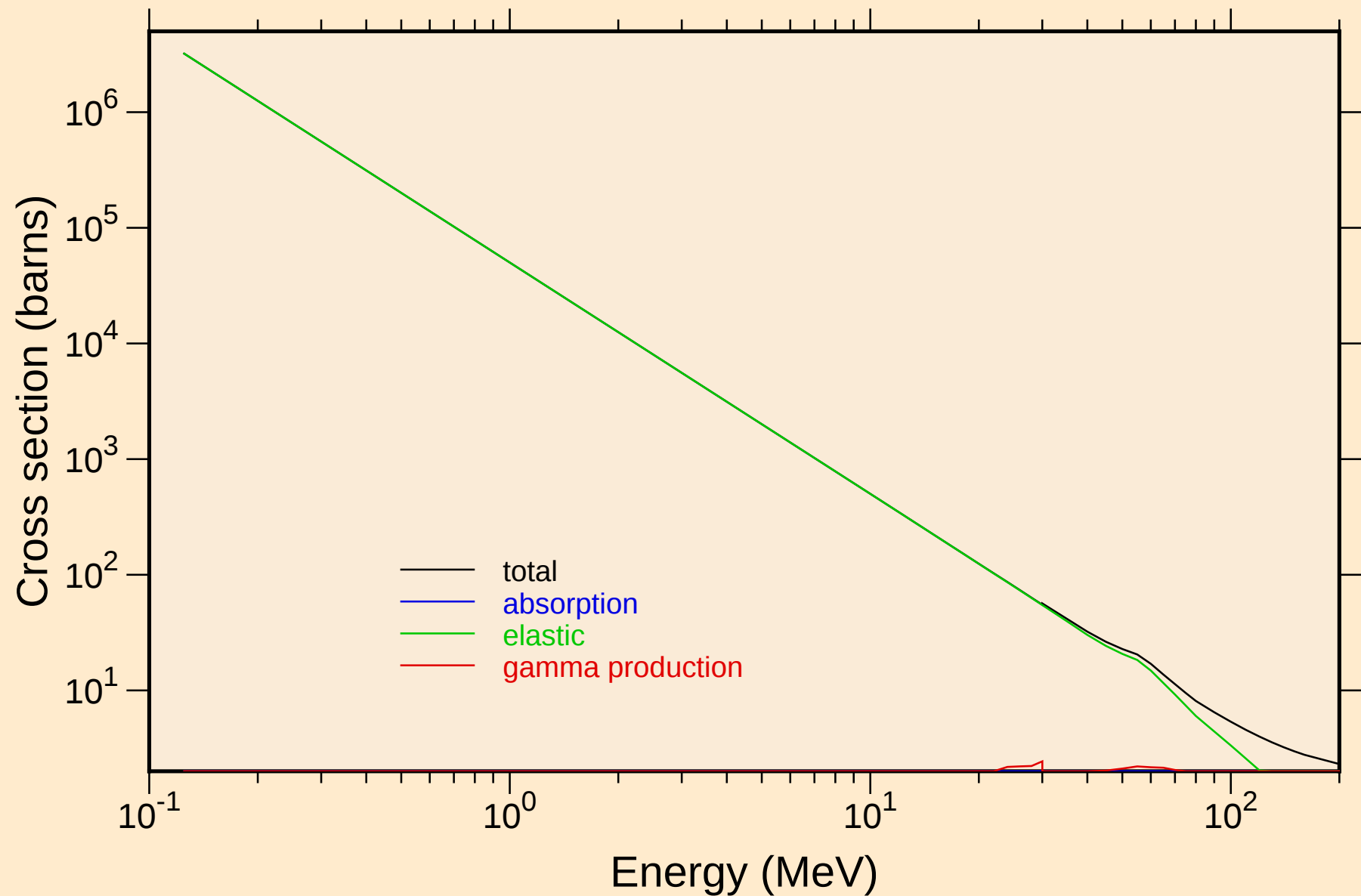


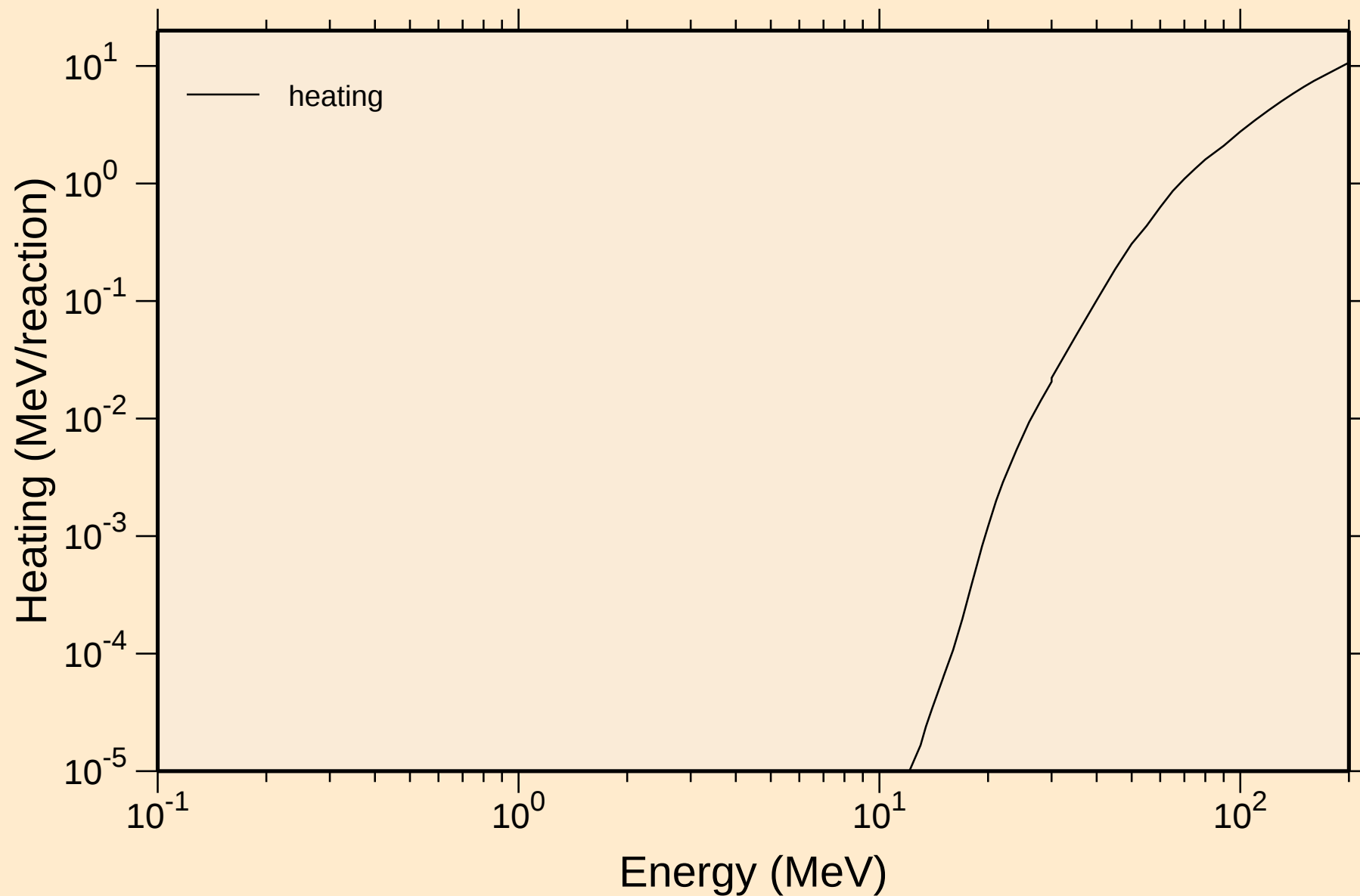
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



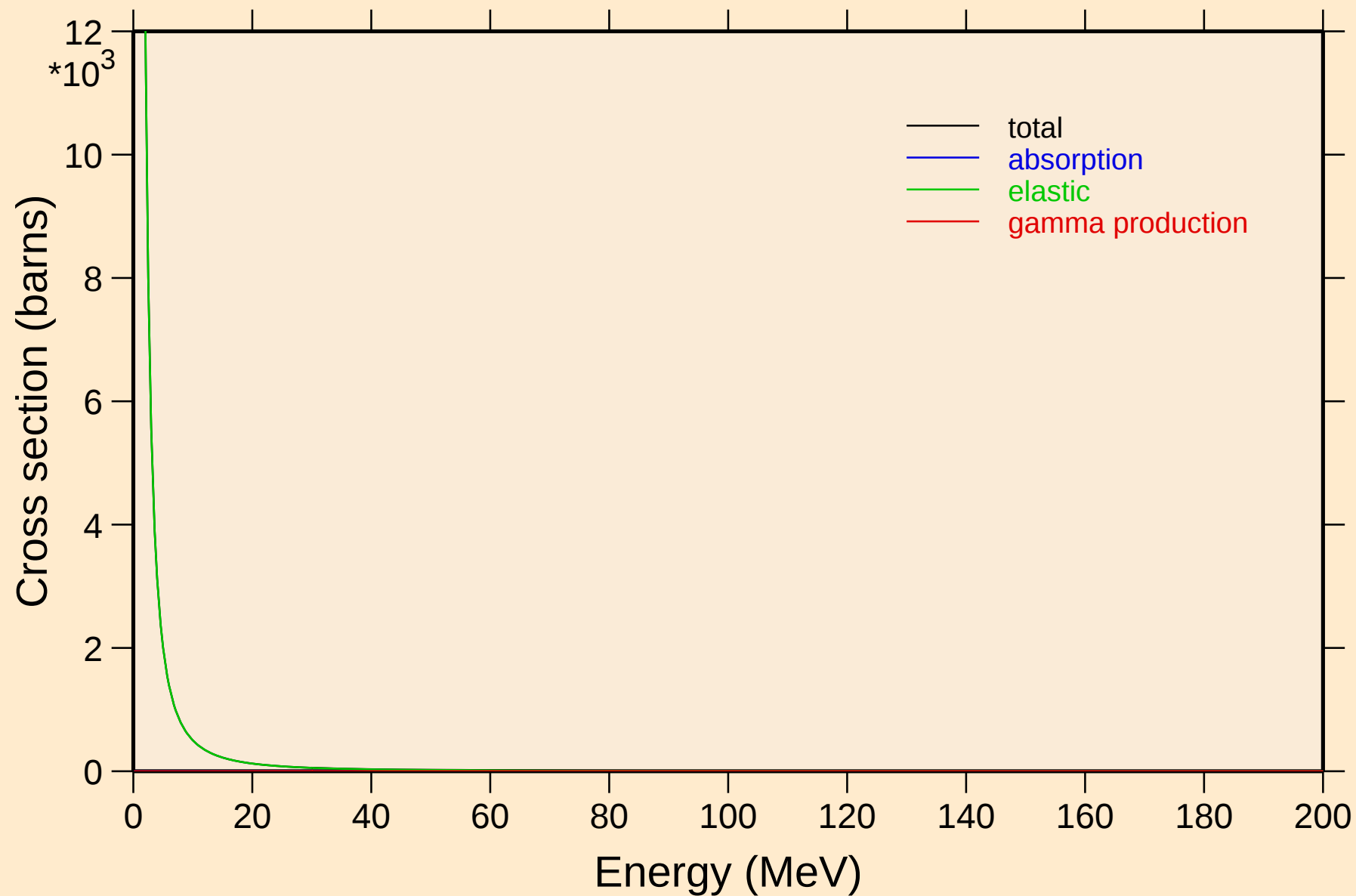
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



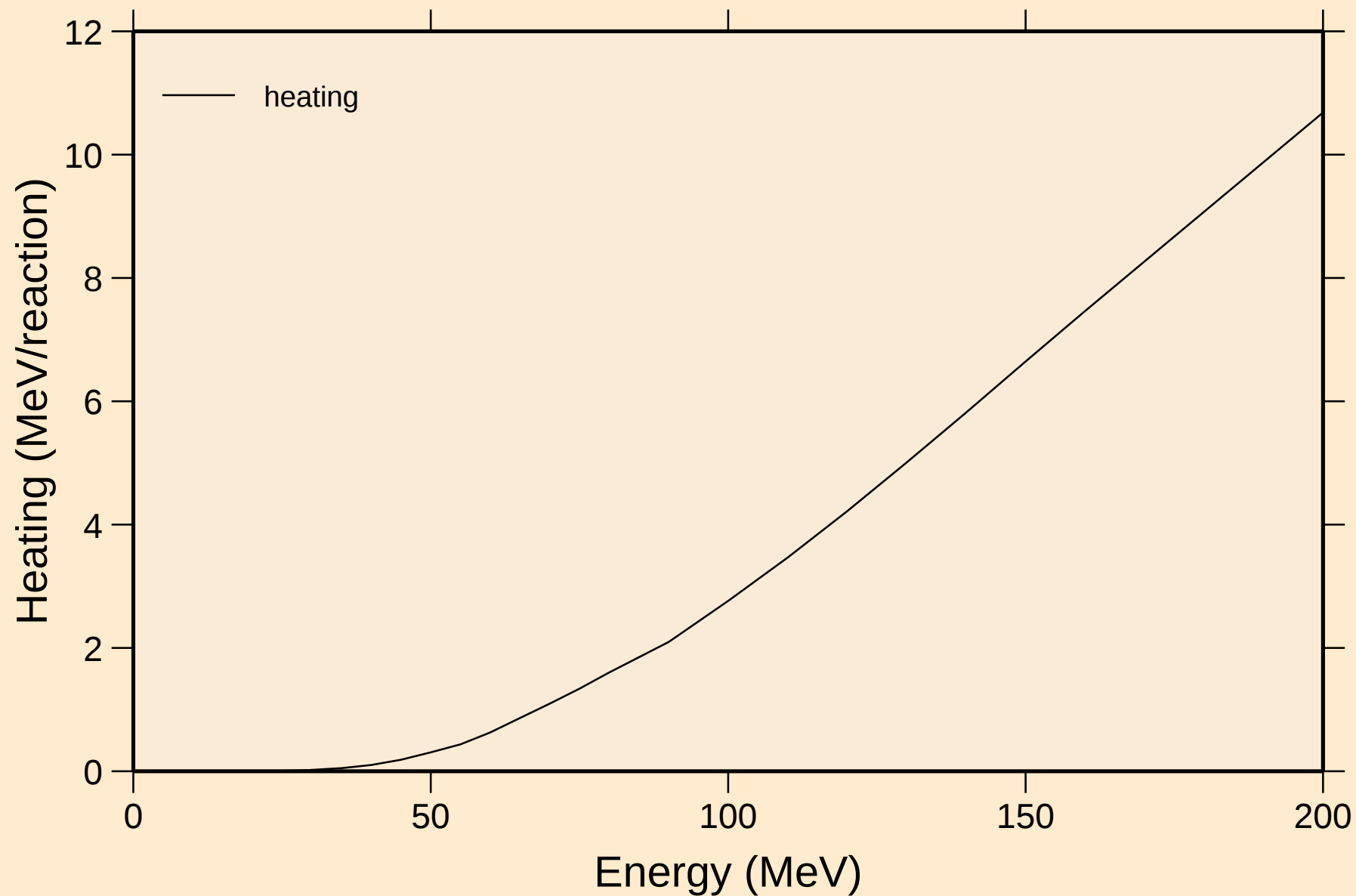
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



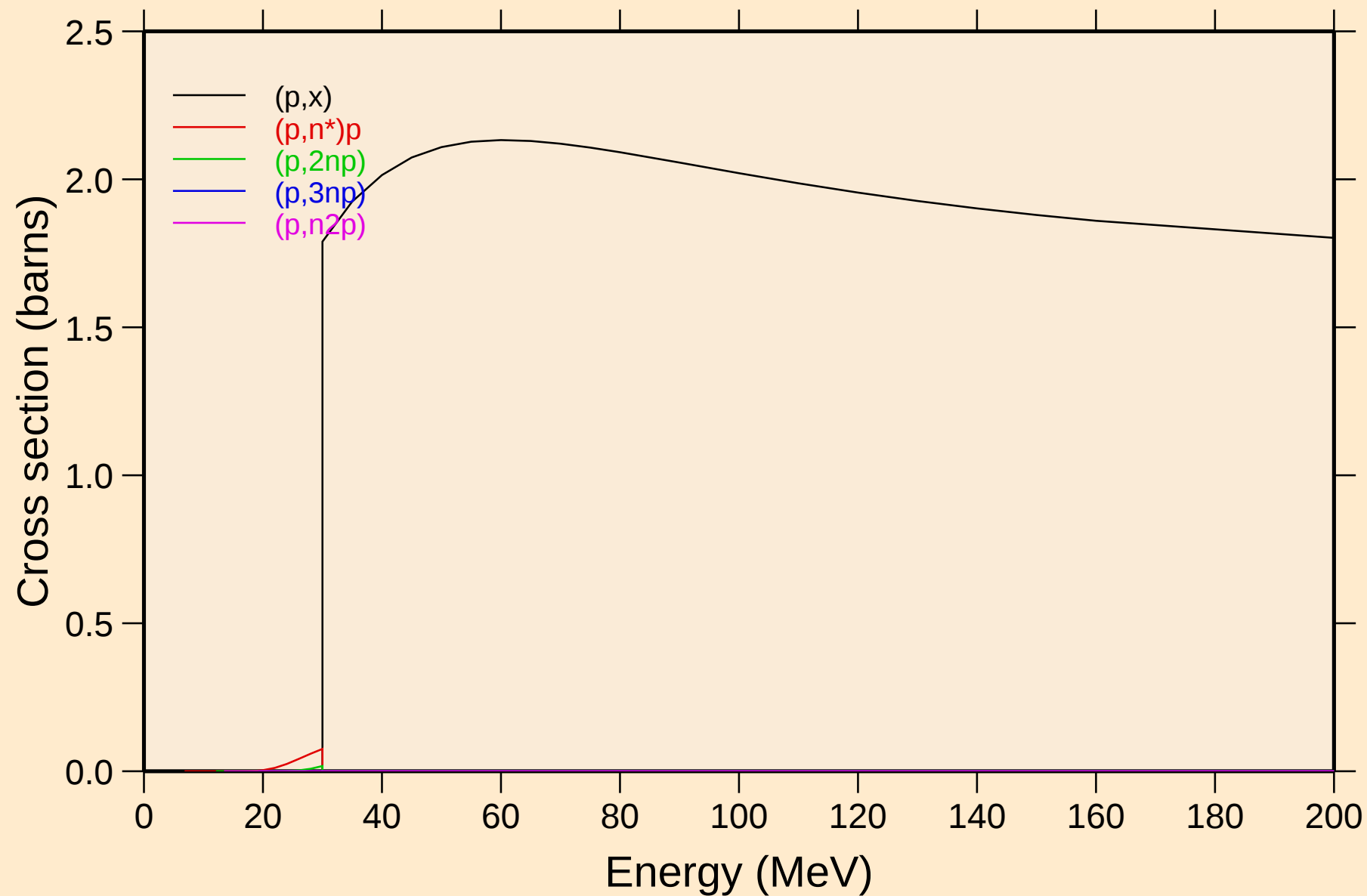
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



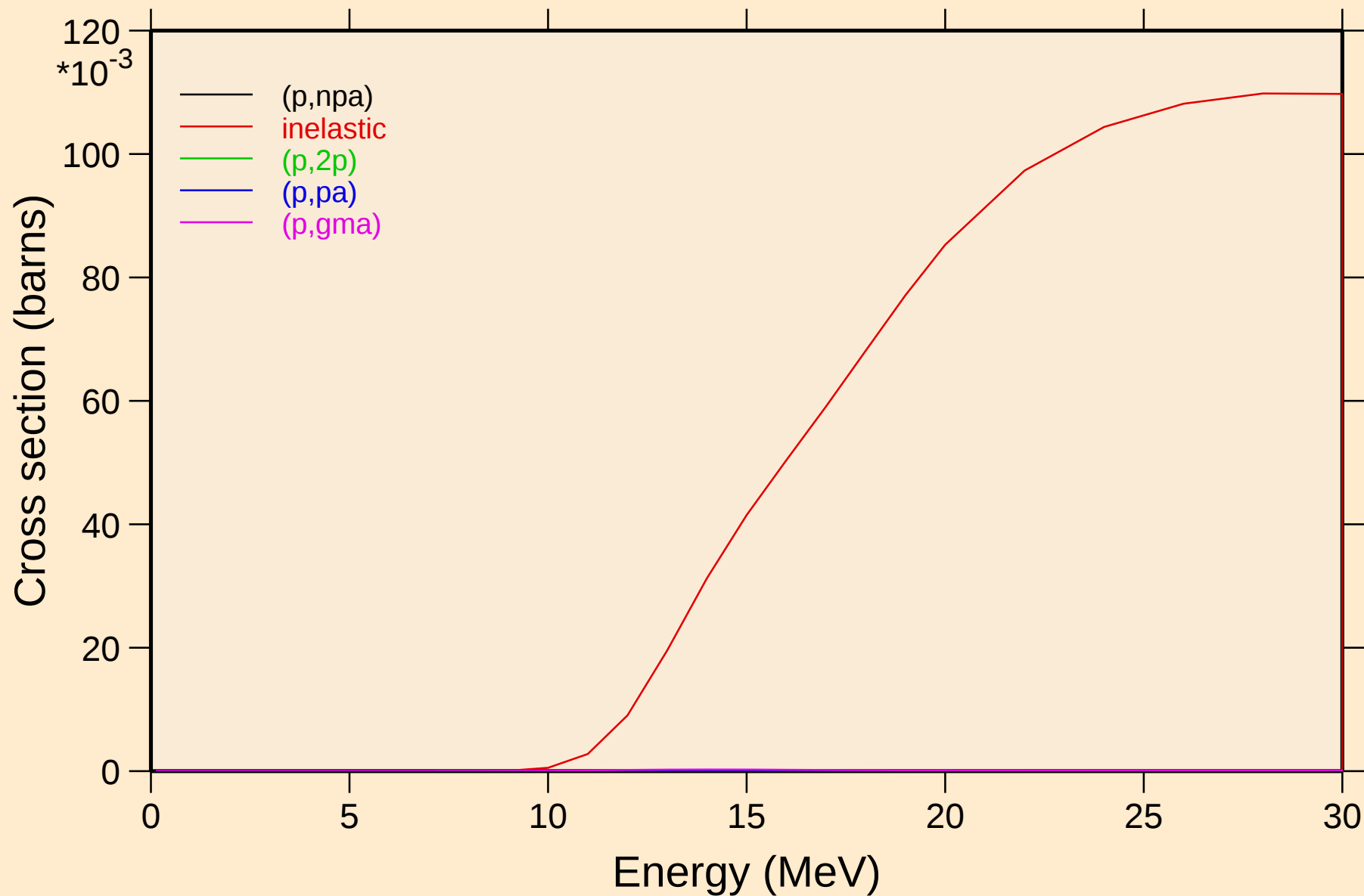
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



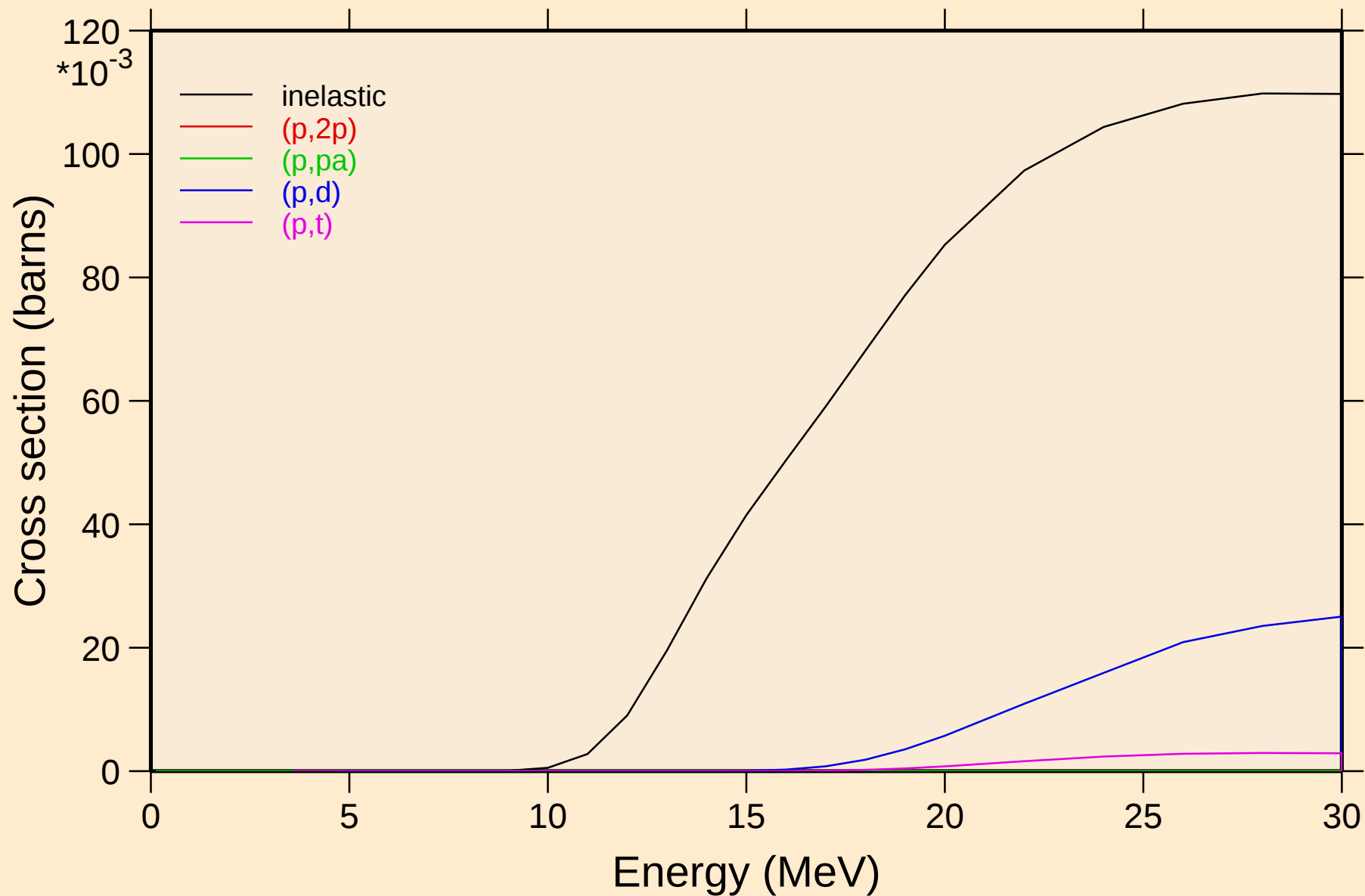
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



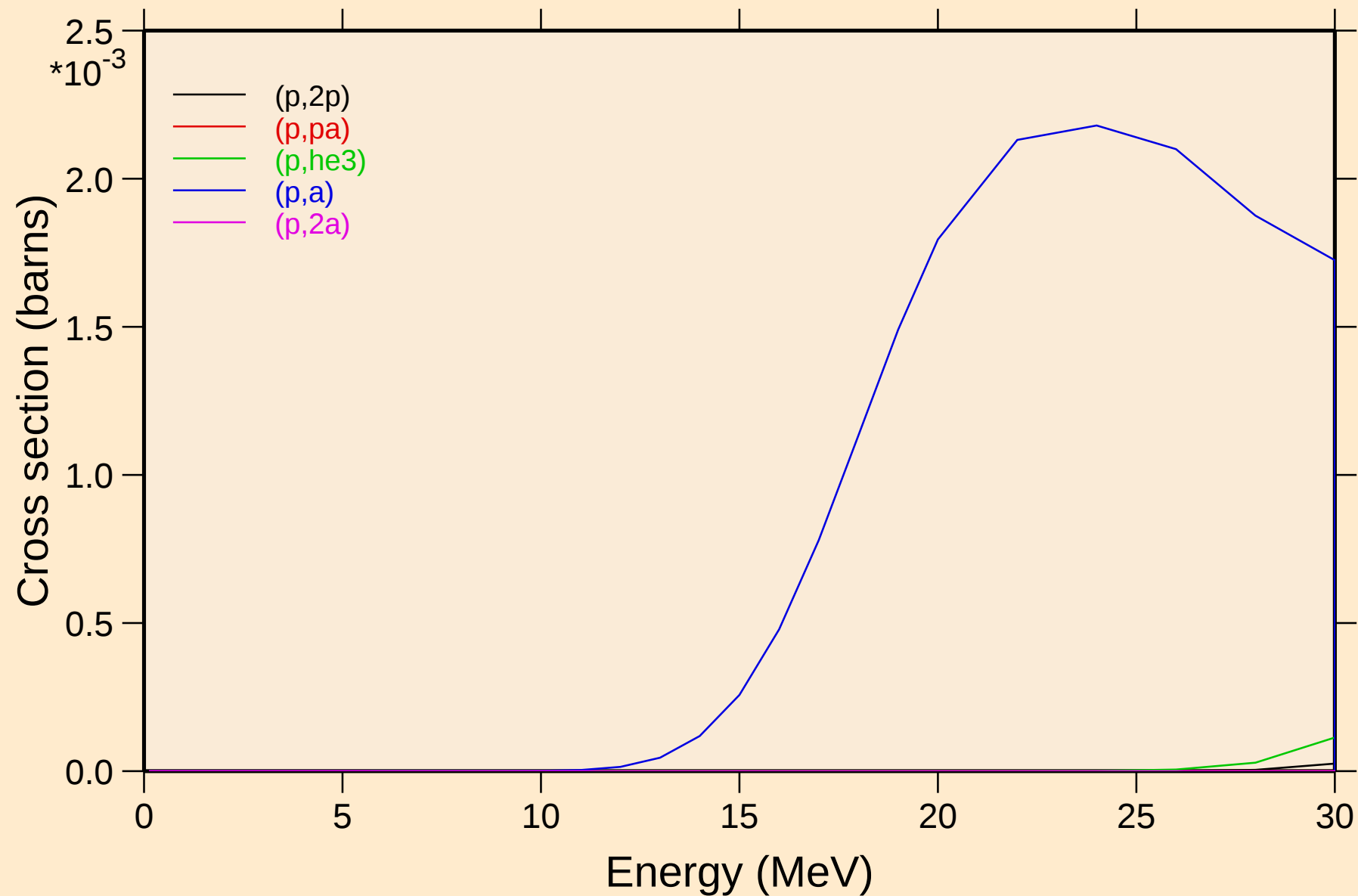
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



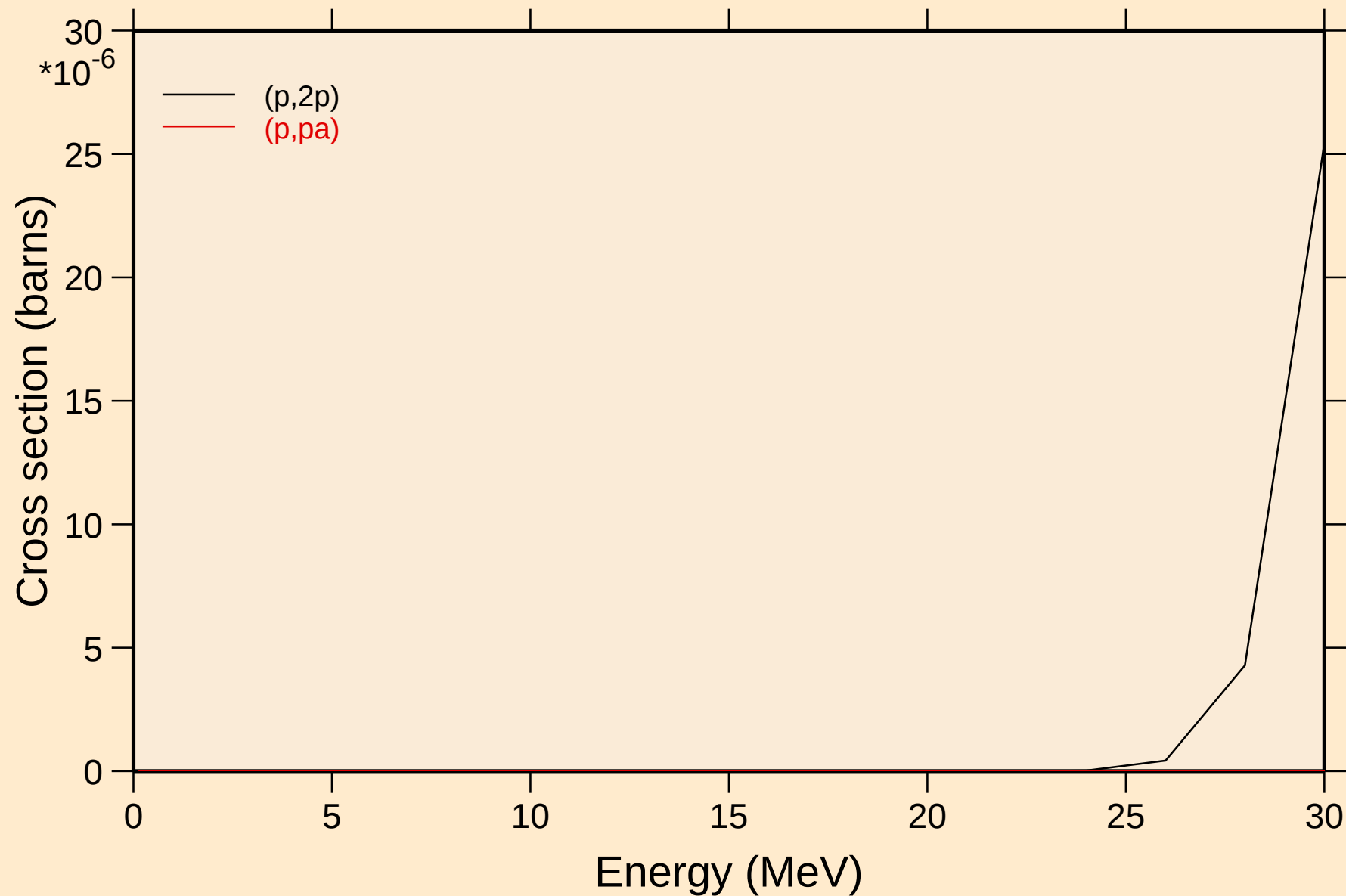
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

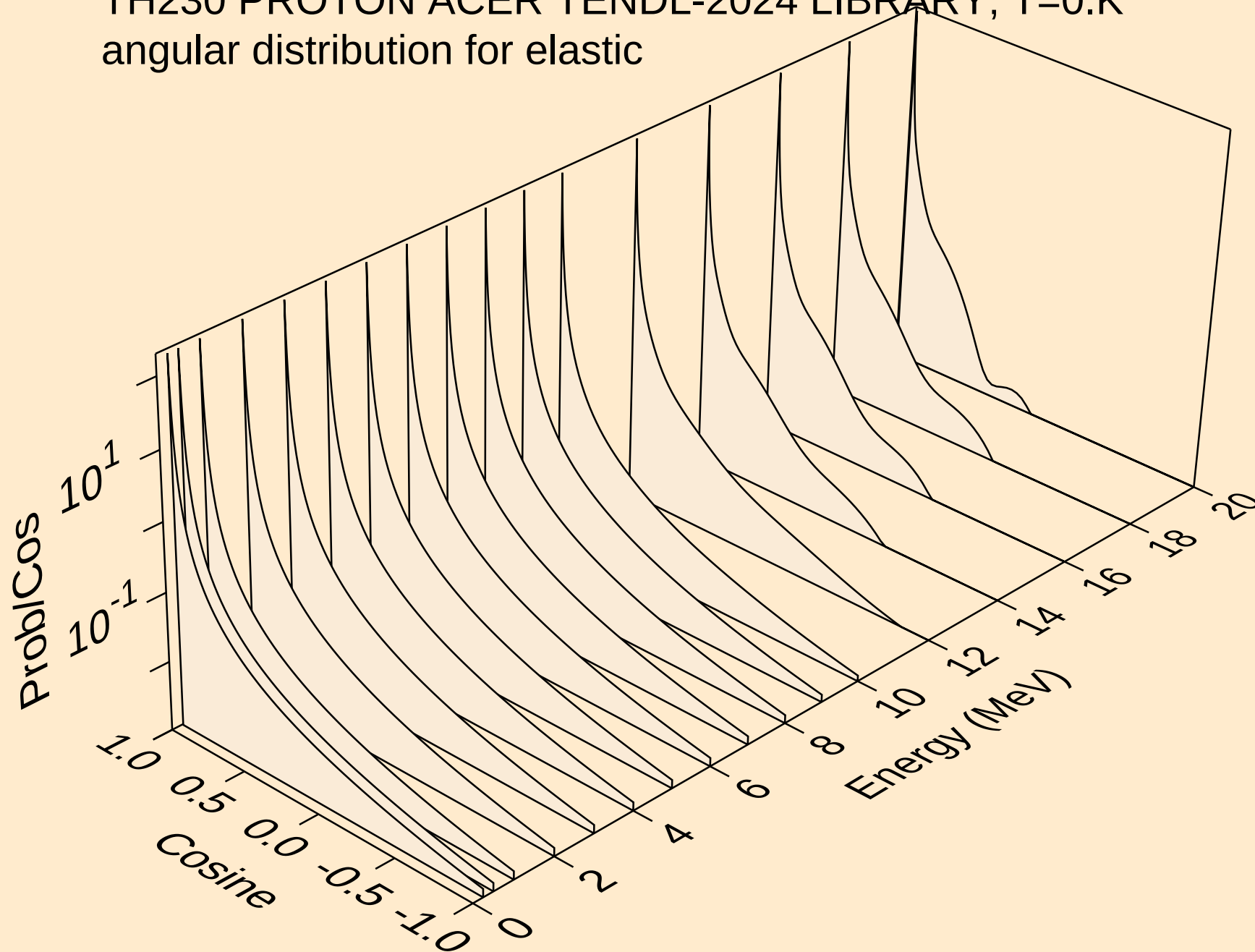


TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

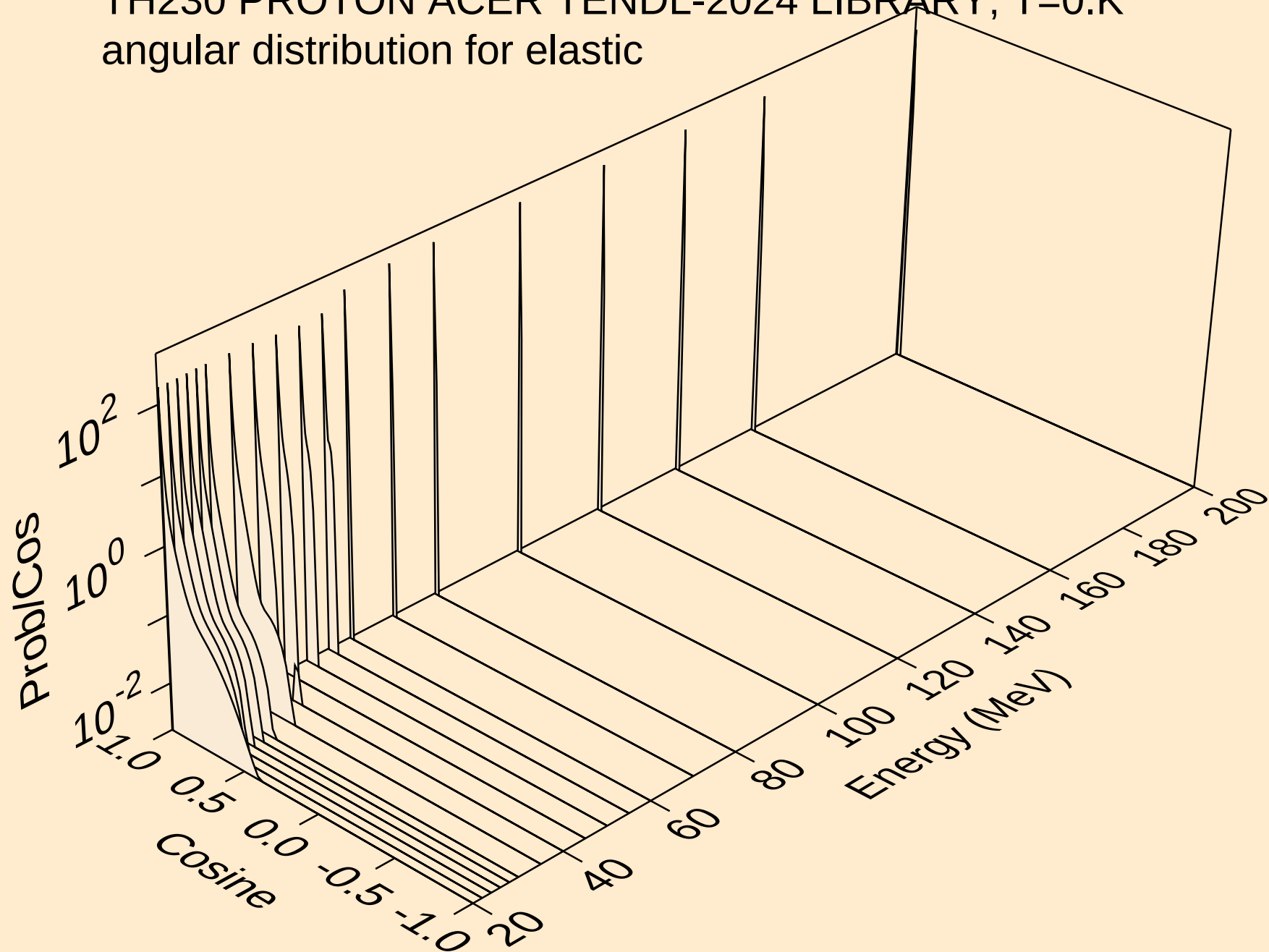
Threshold reactions



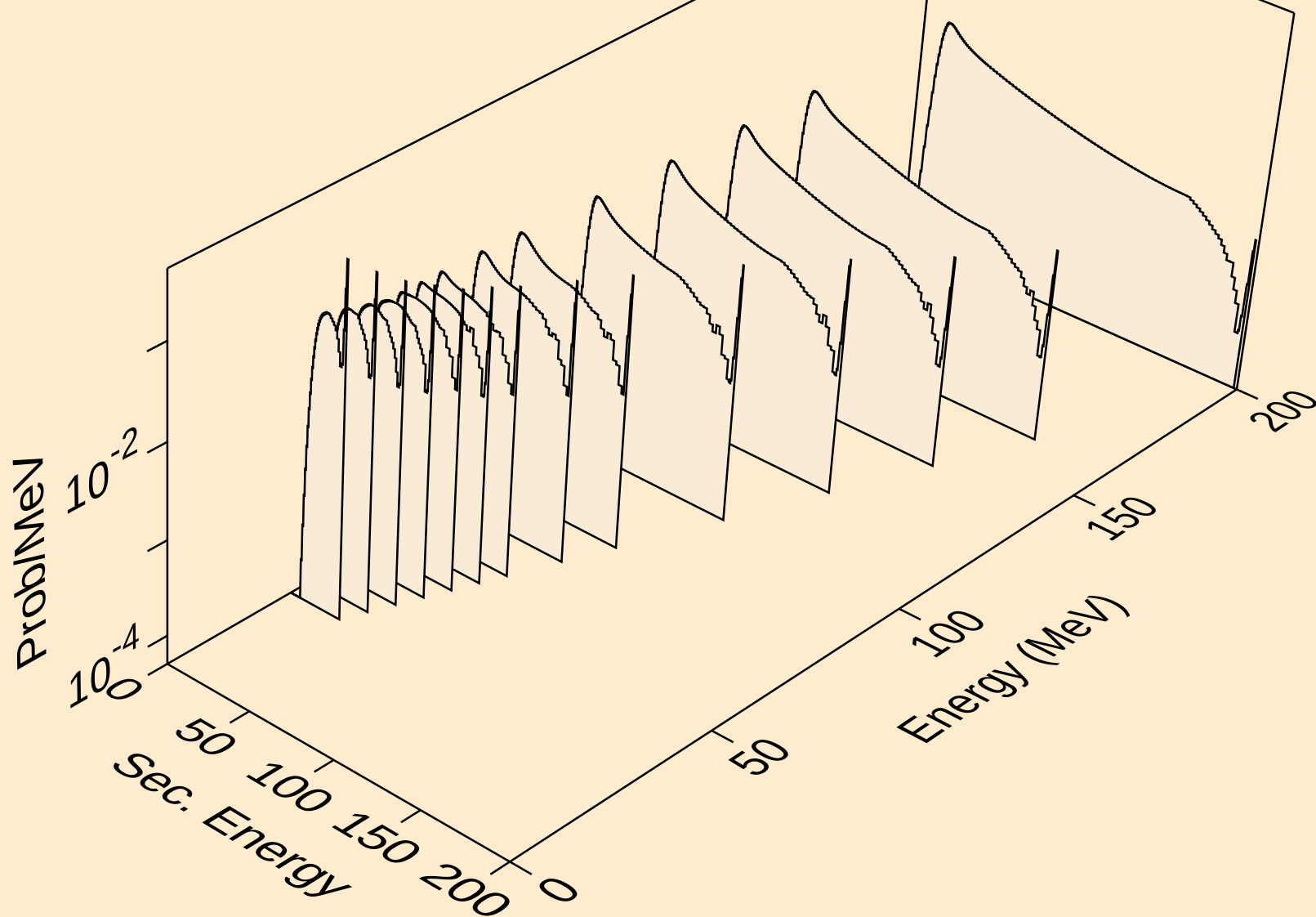
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
angular distribution for elastic



TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
angular distribution for elastic

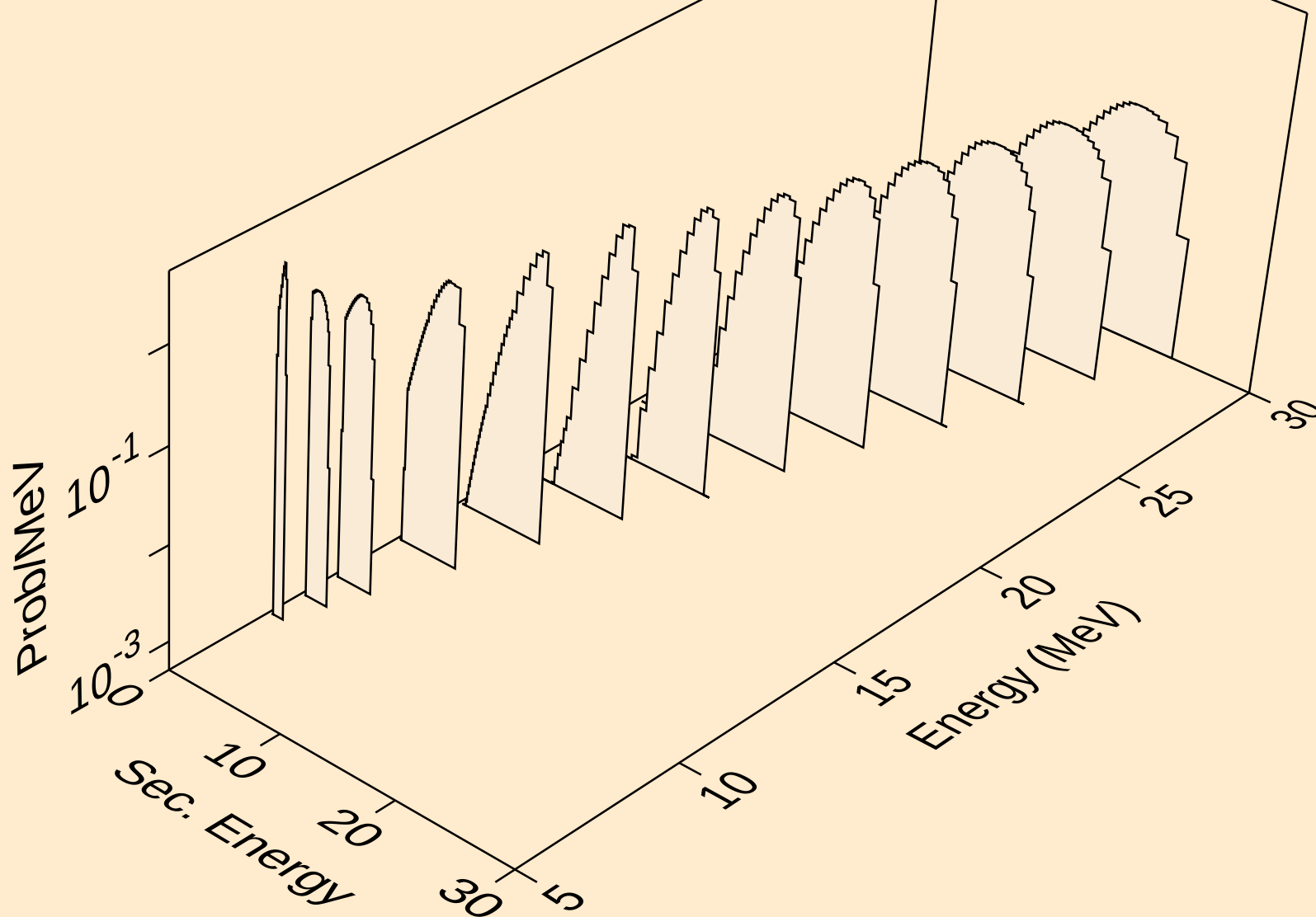


TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,x)

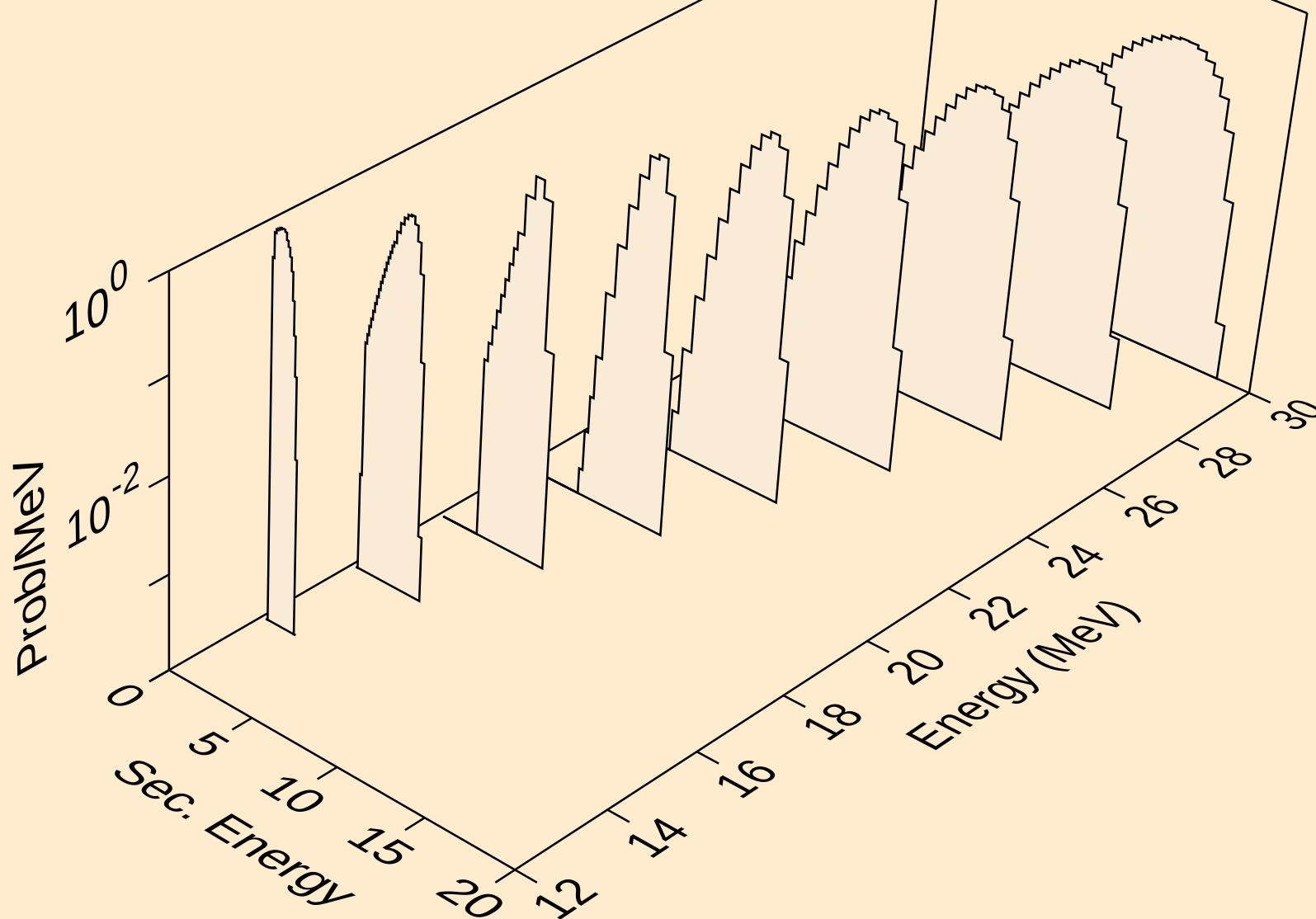


TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

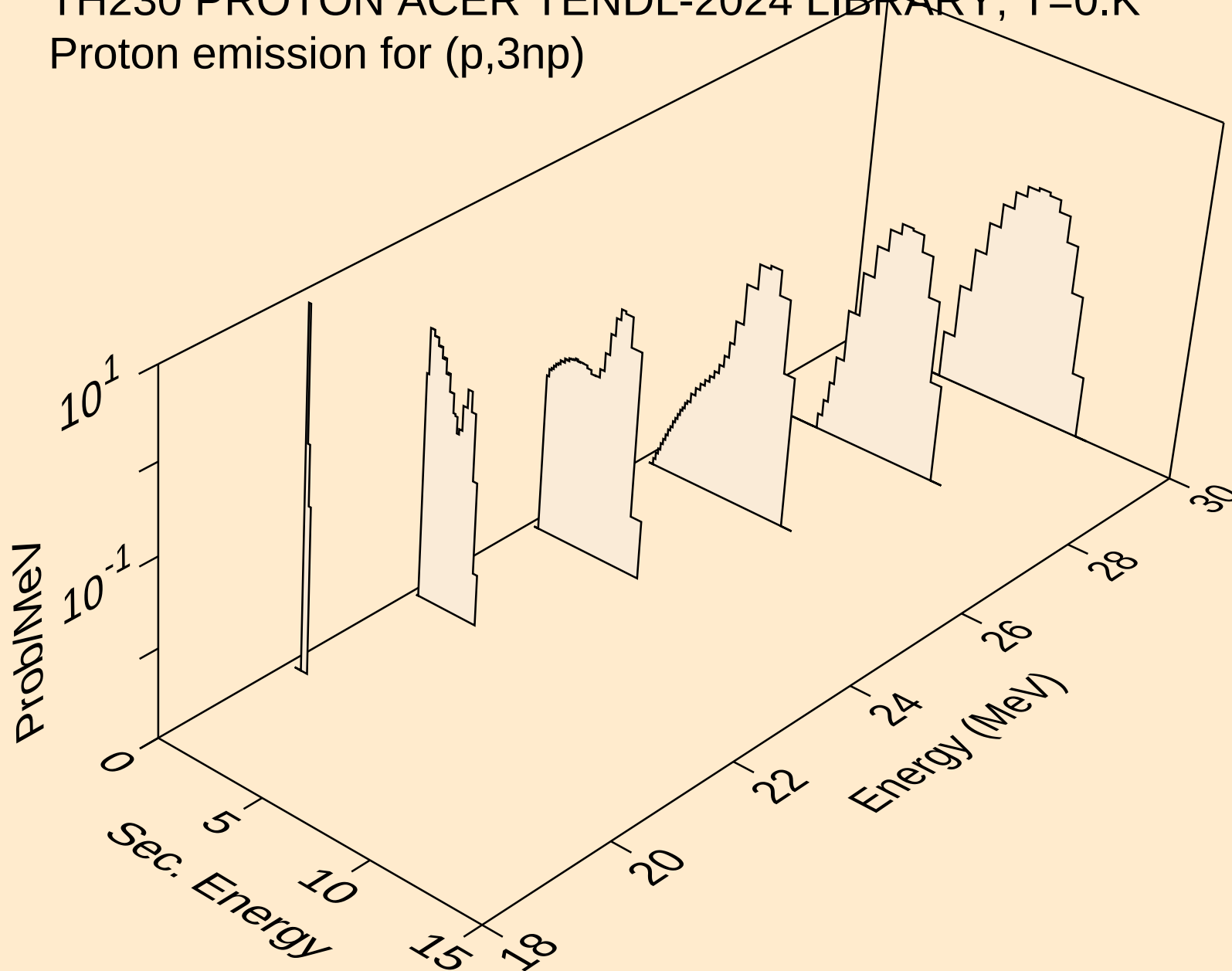
Proton emission for (p,n*)p



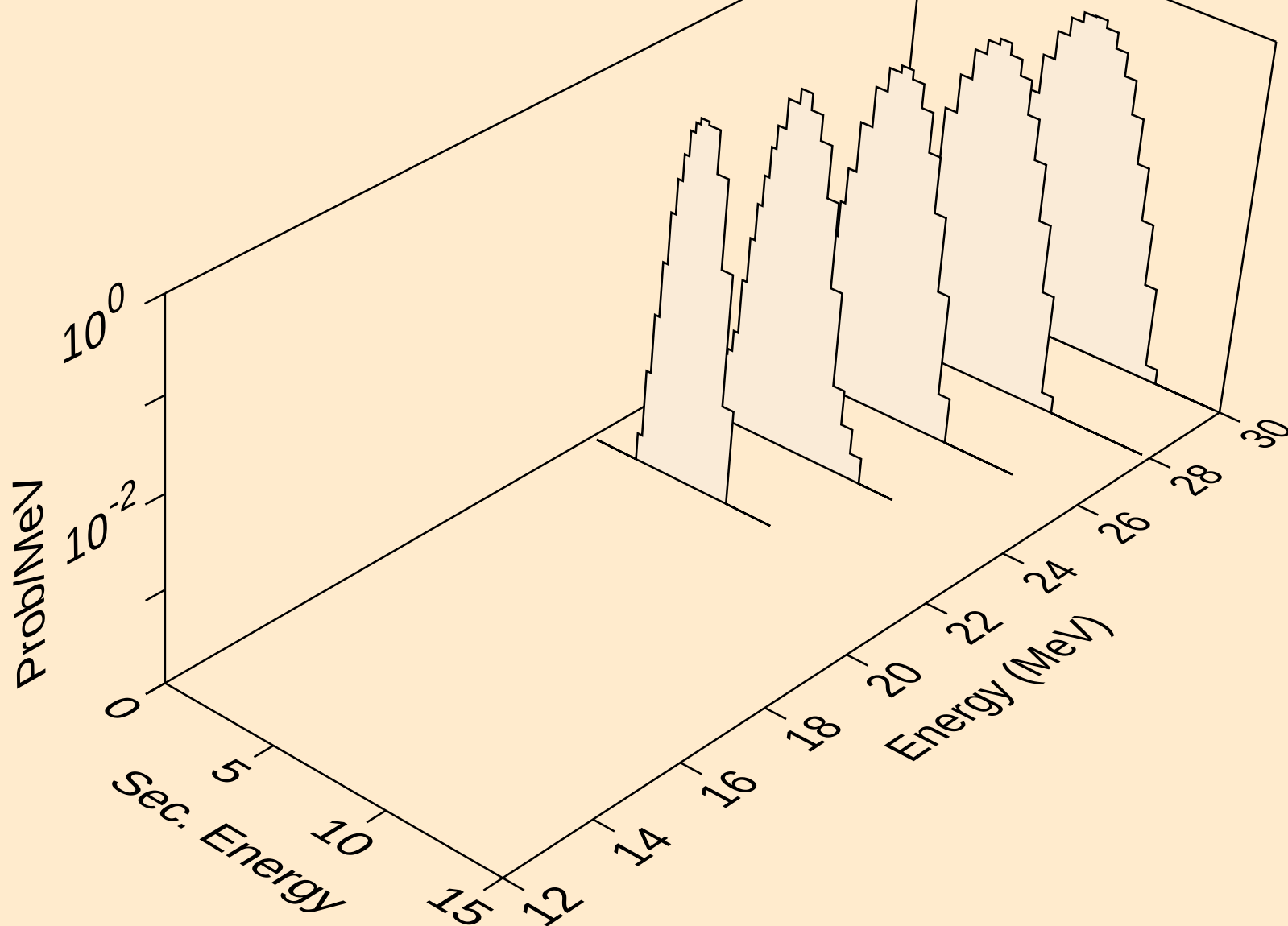
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2np)



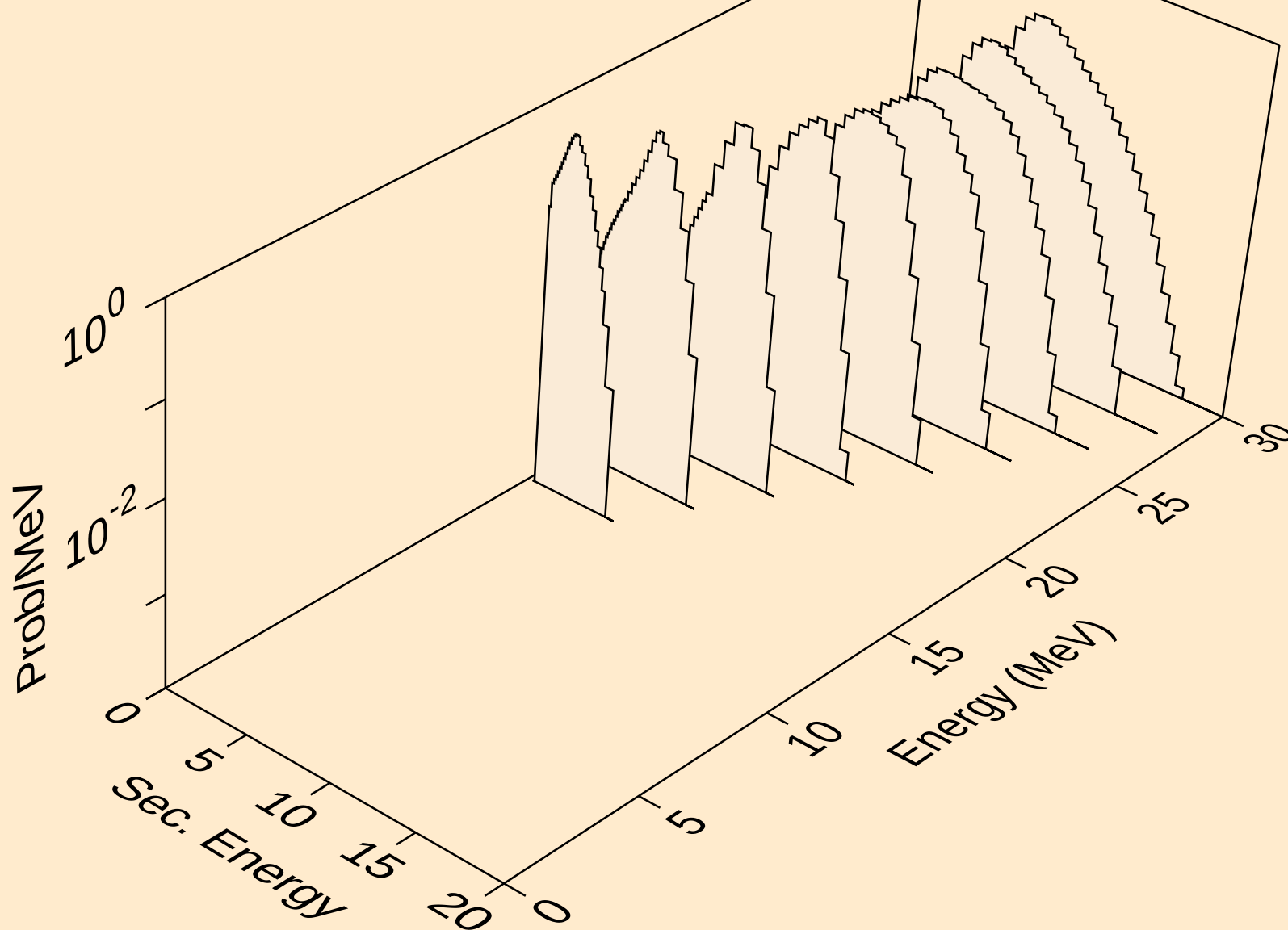
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,3np)



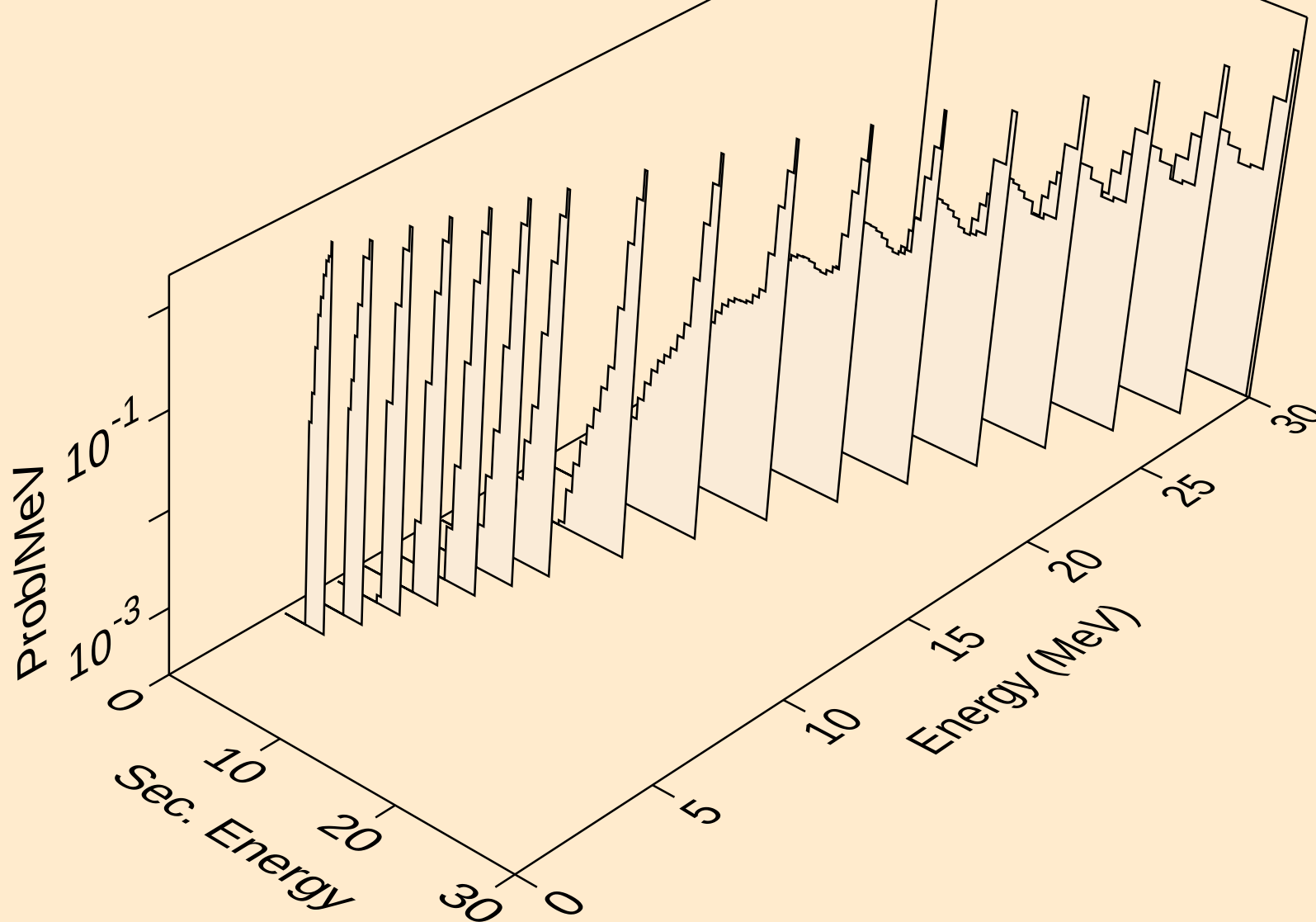
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,n2p)



TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,npa)

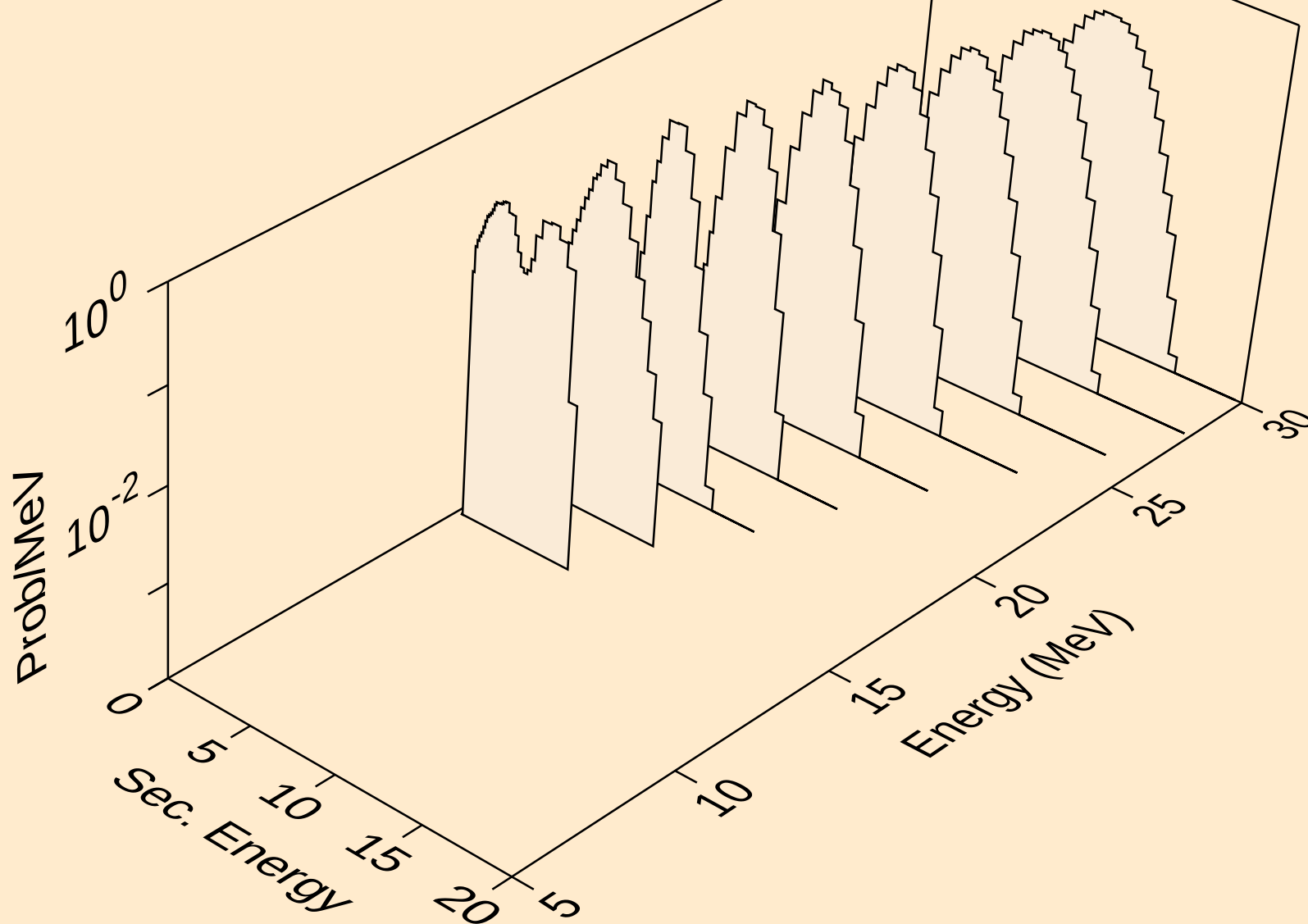


TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for inelastic



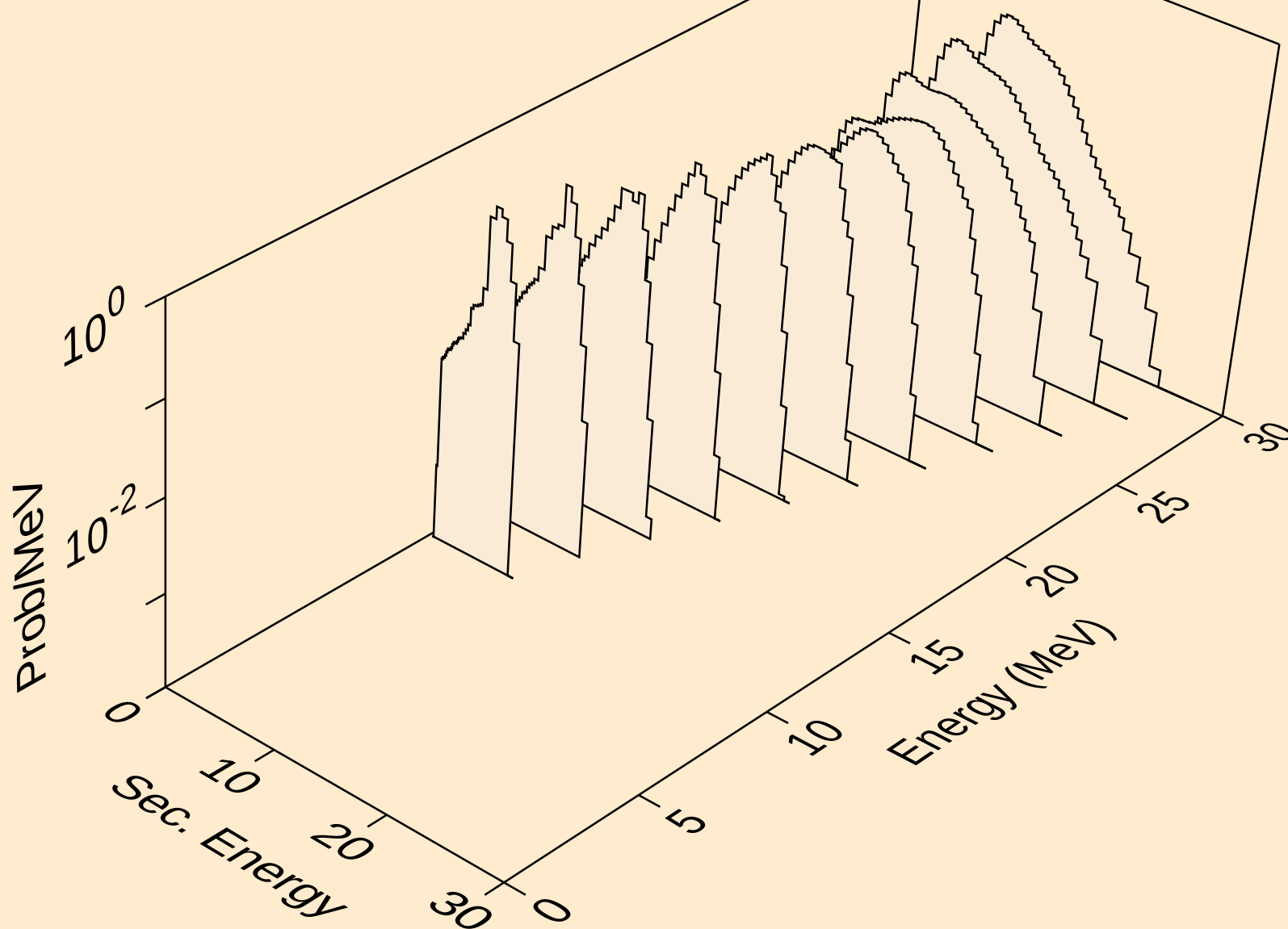
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,2p)

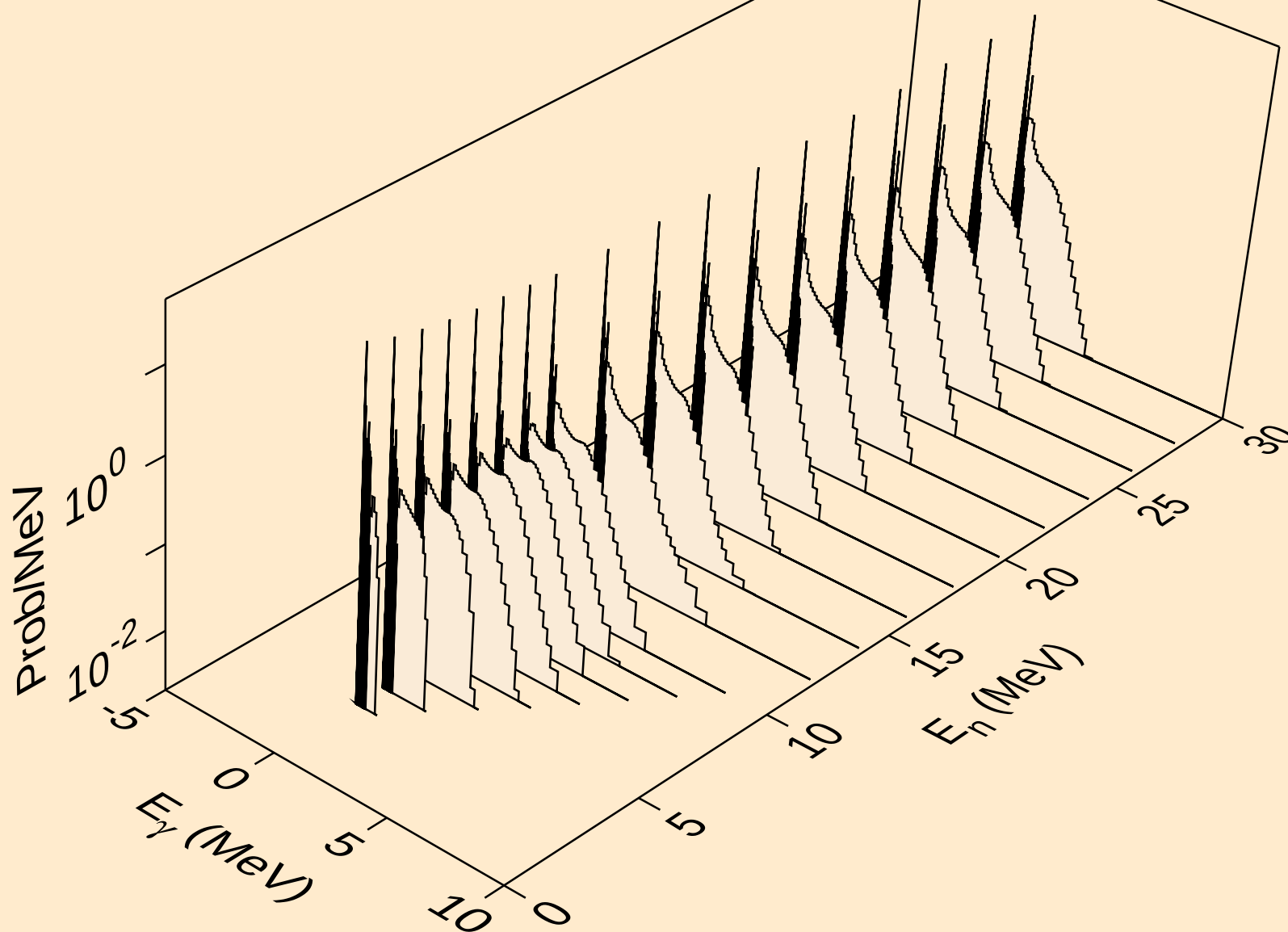


TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,pa)

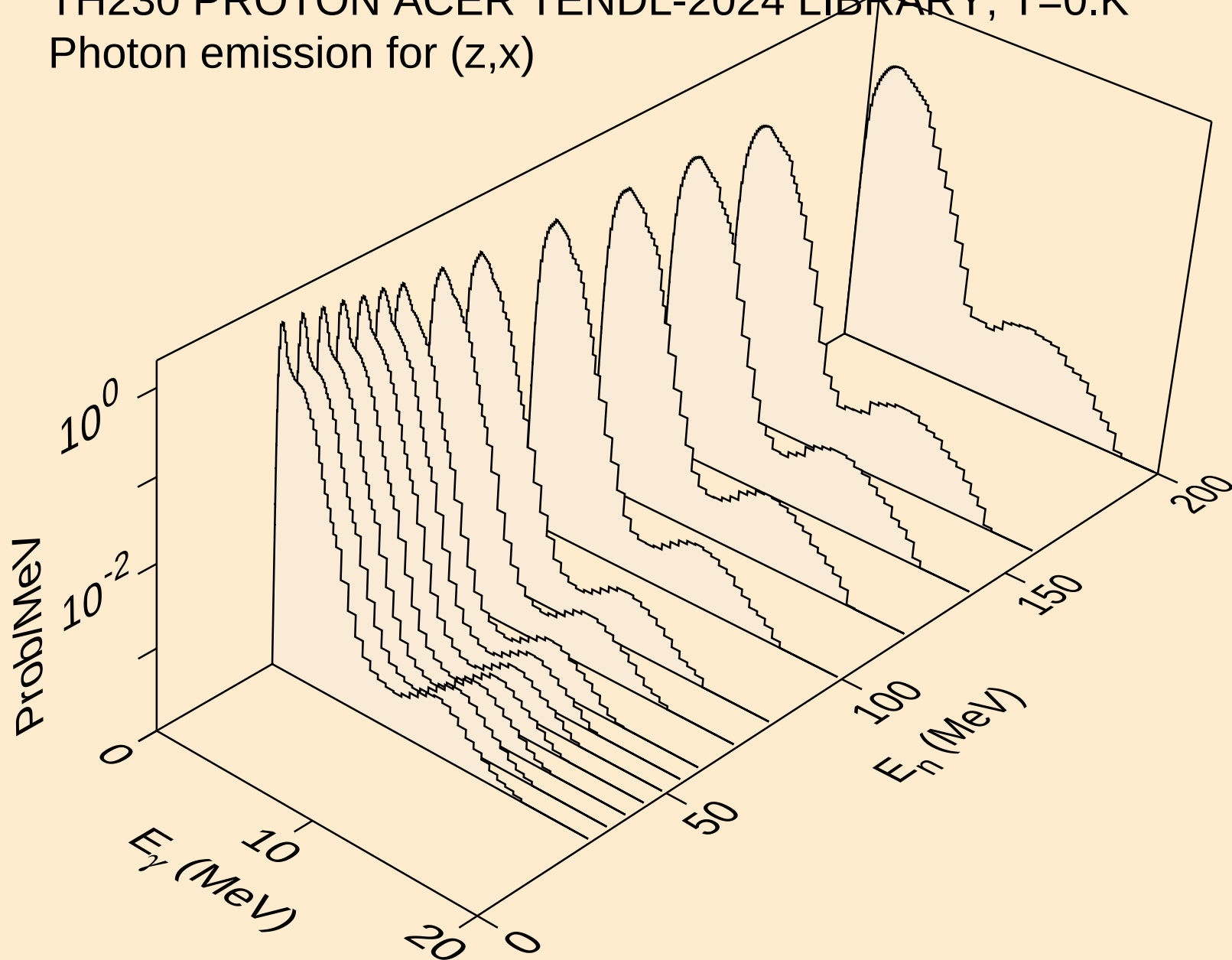


TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (z,n)

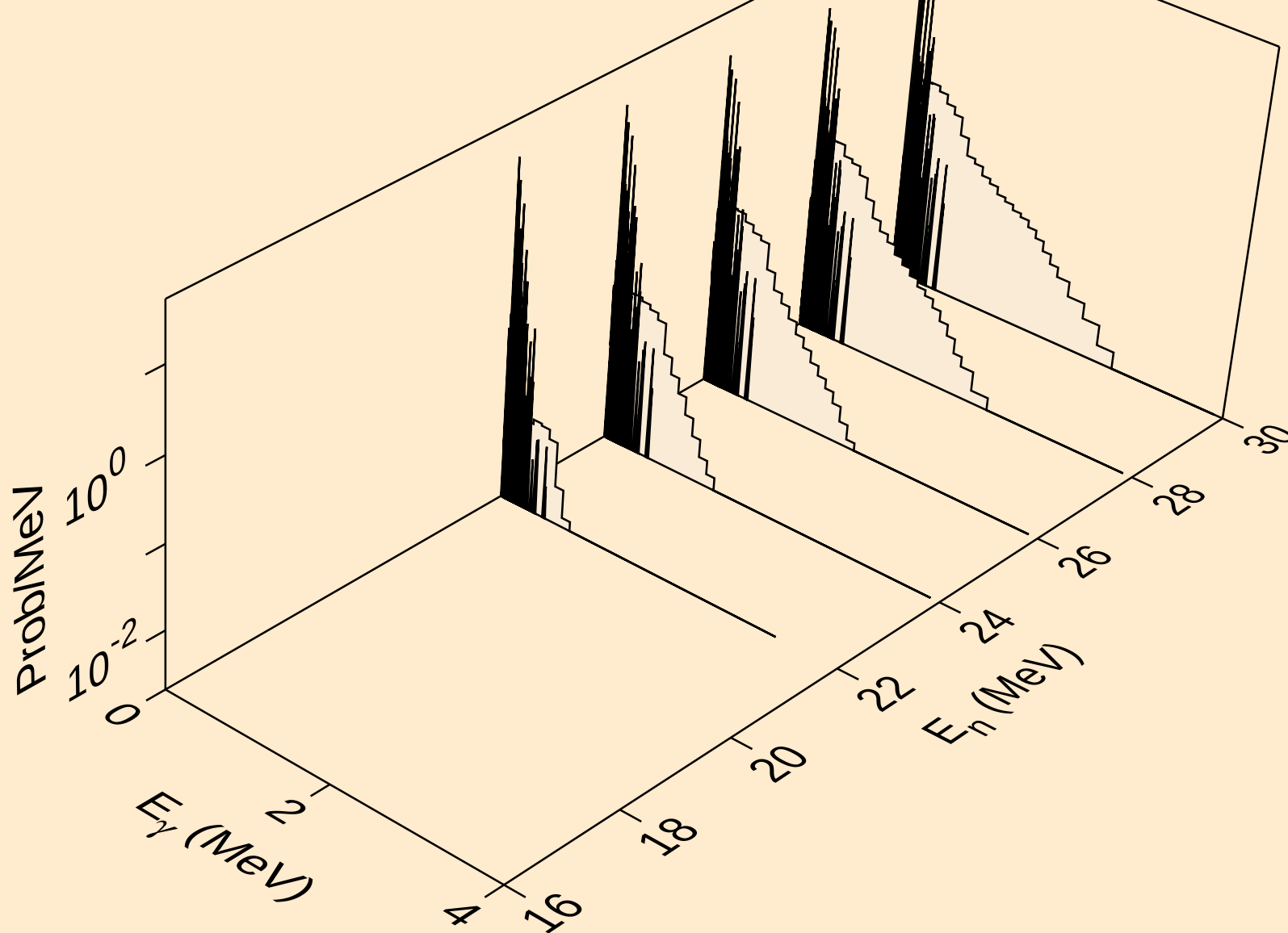


TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$

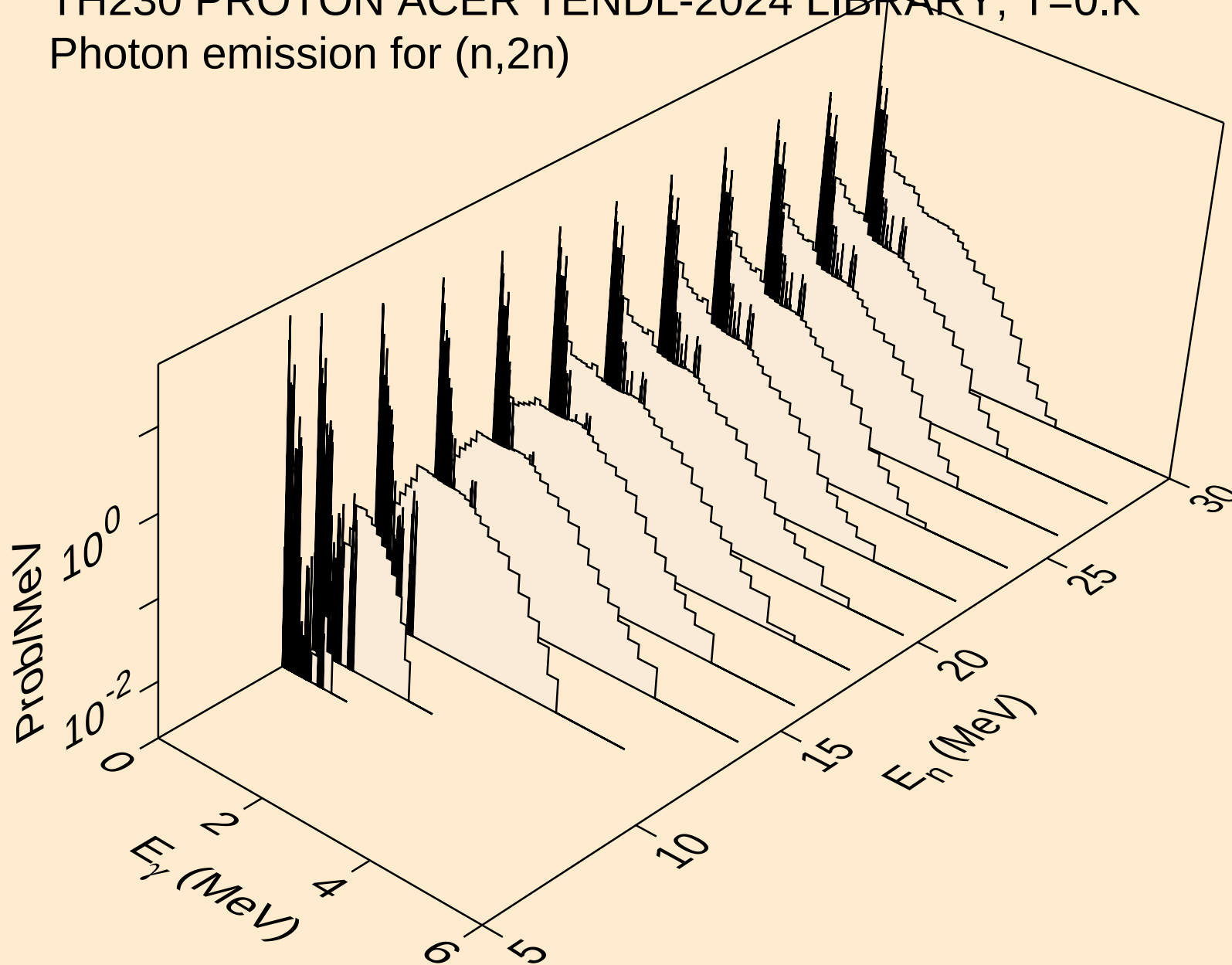
Photon emission for (z,x)



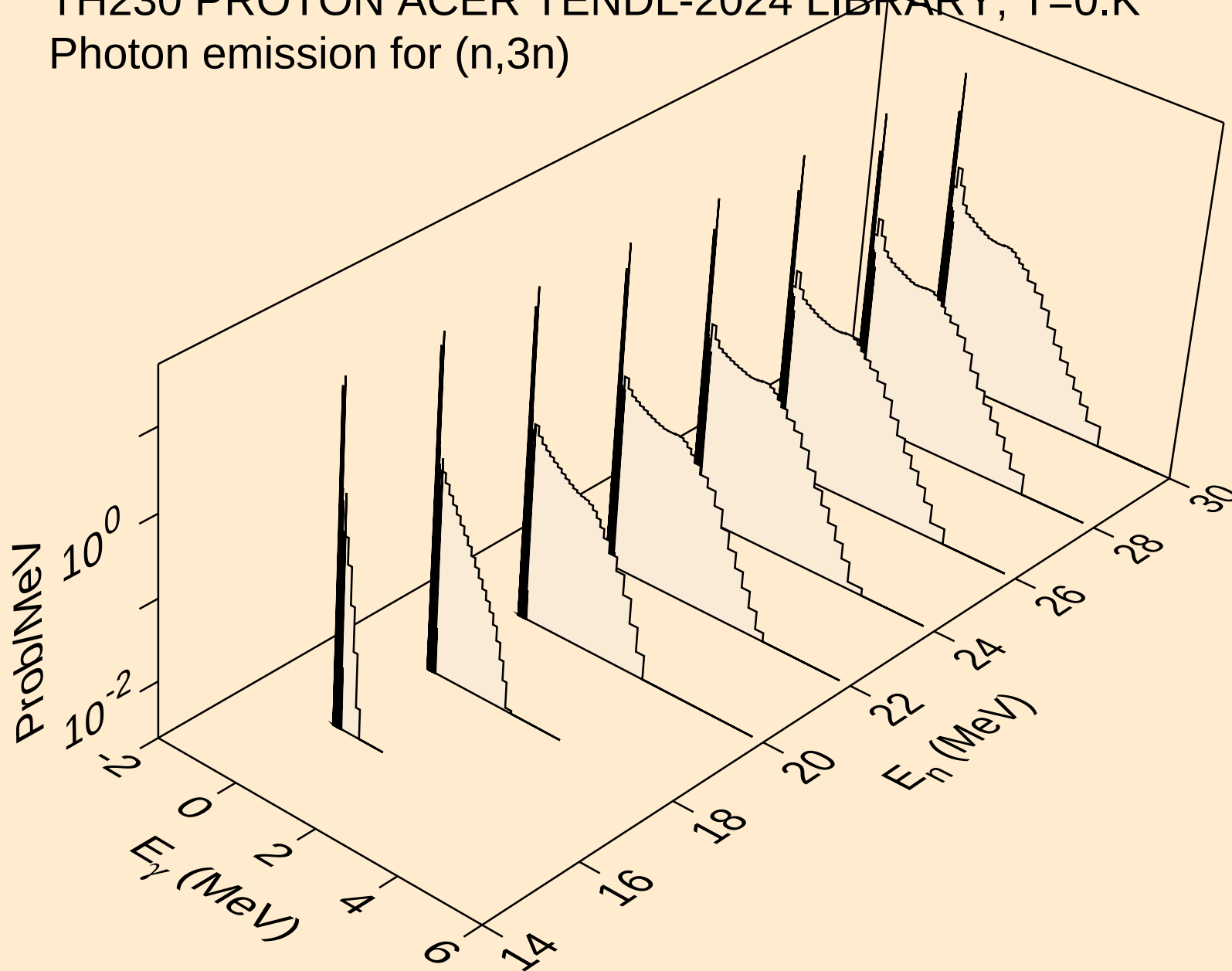
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2nd)



TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2n)

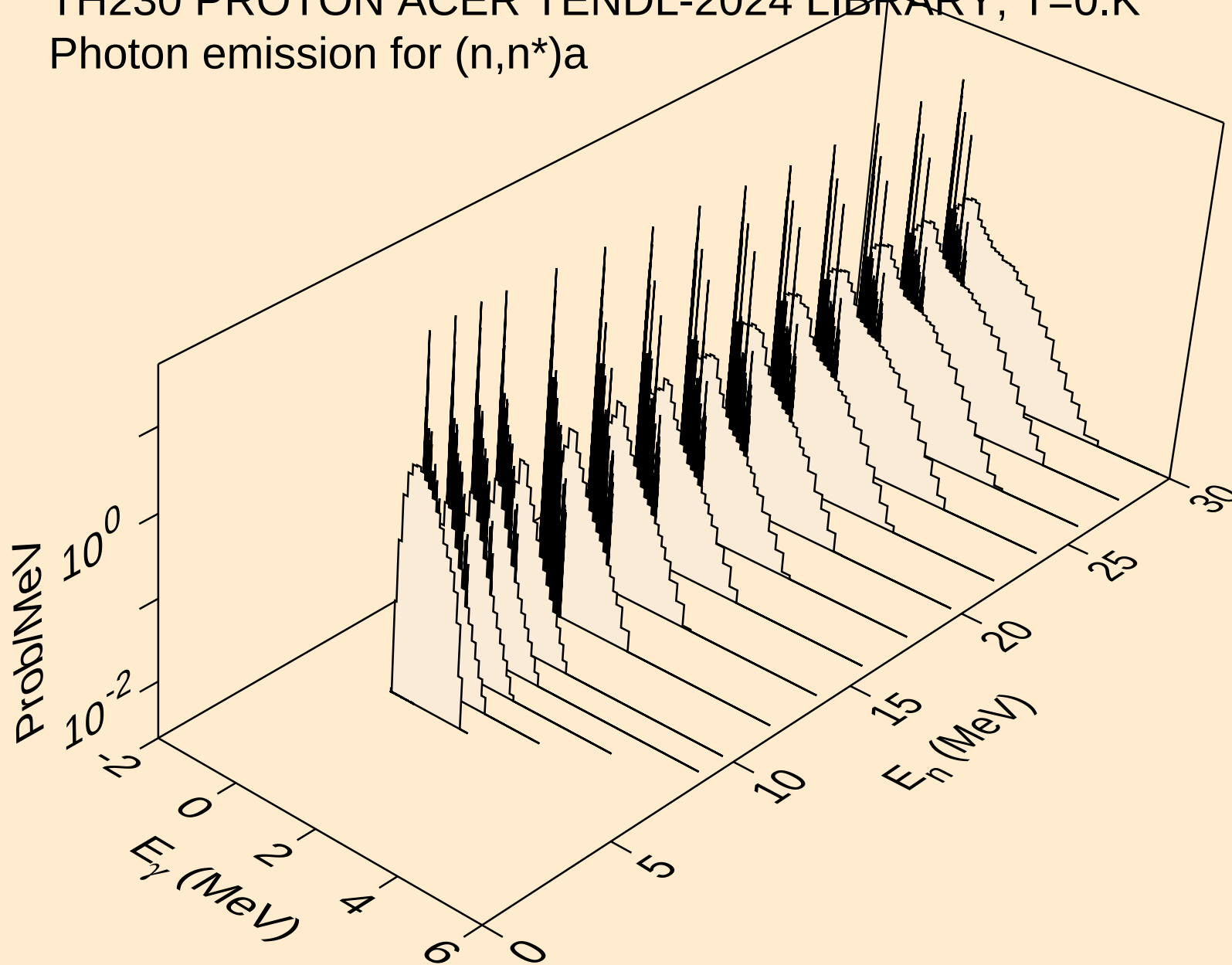


TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,3n)



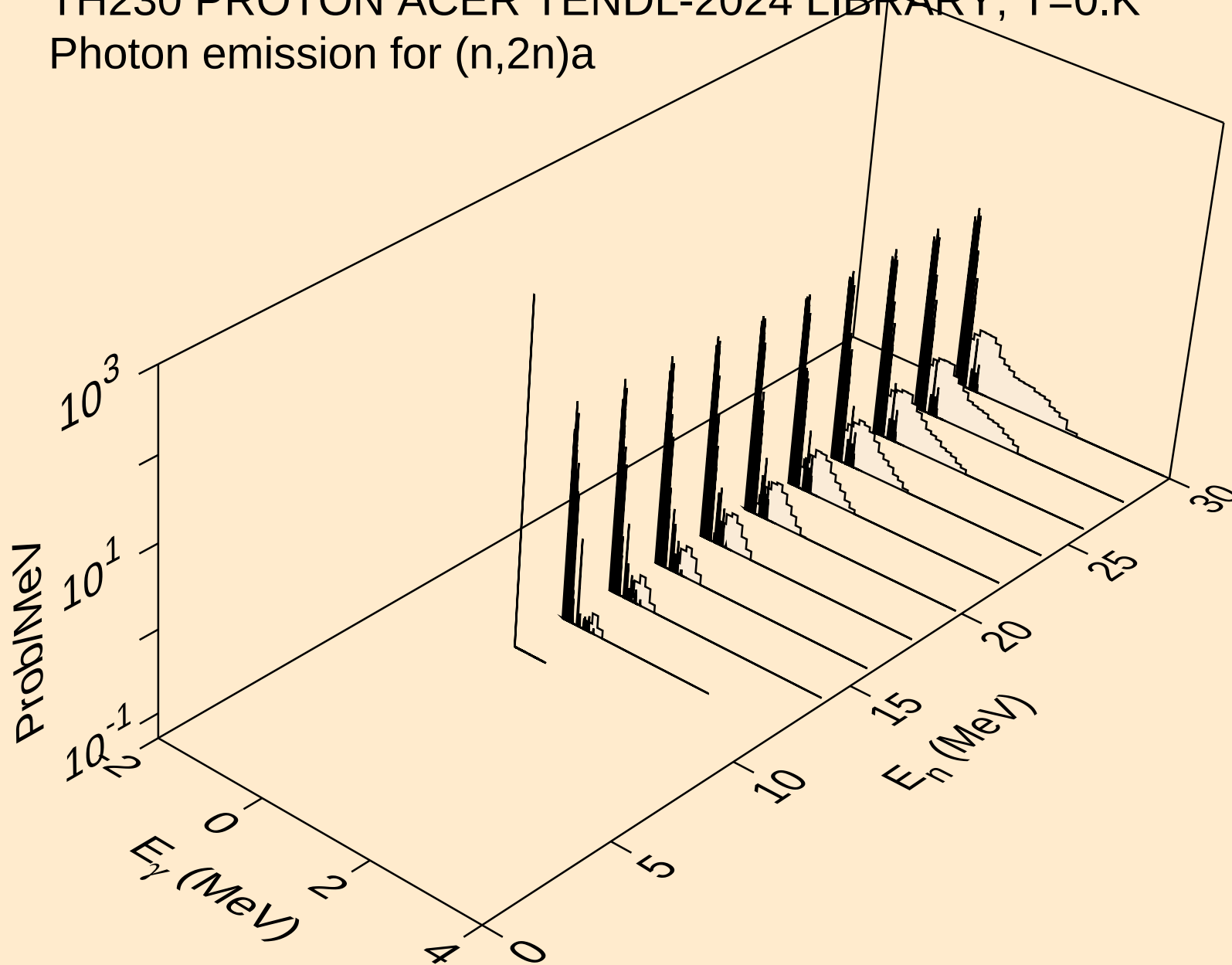
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



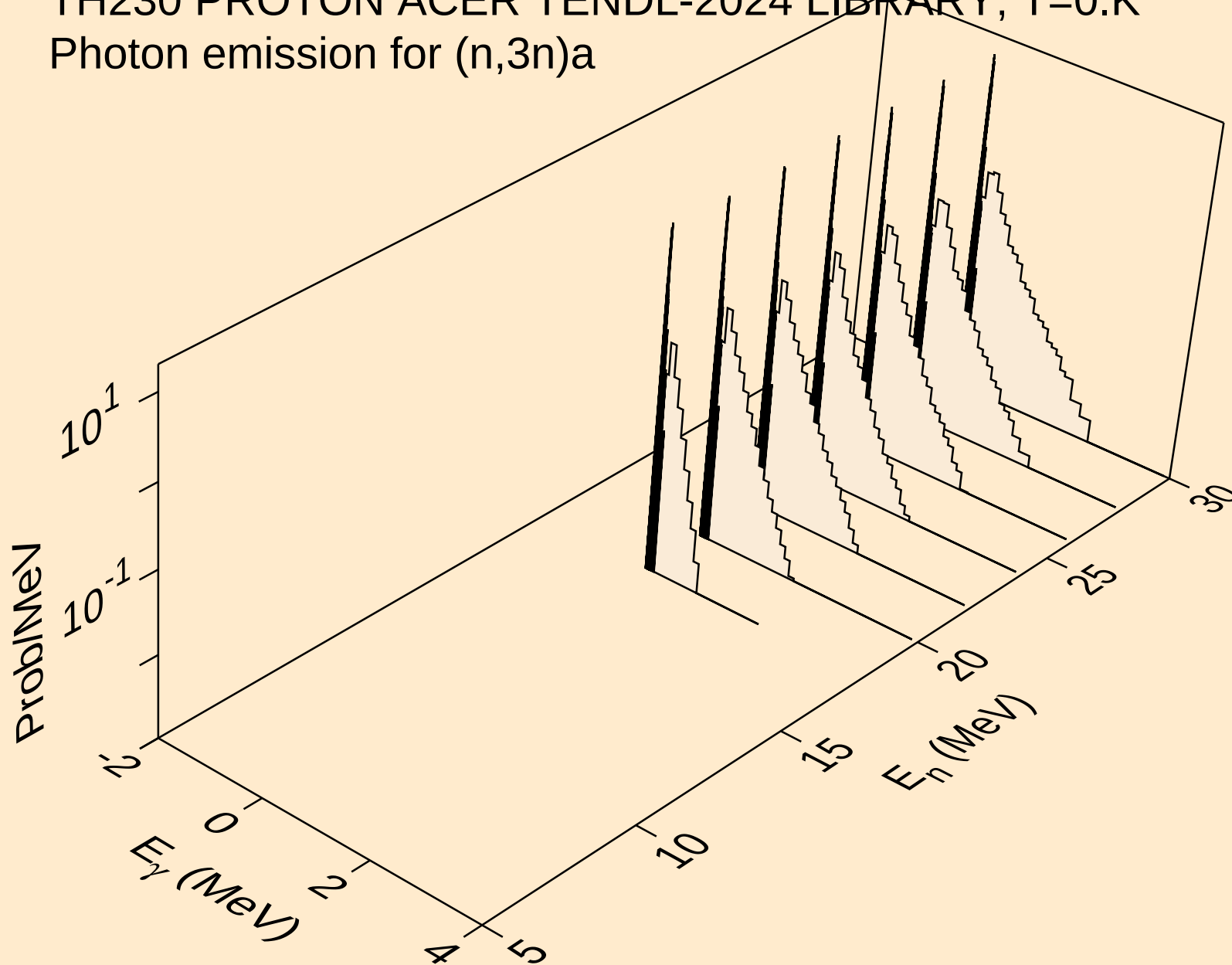
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$

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



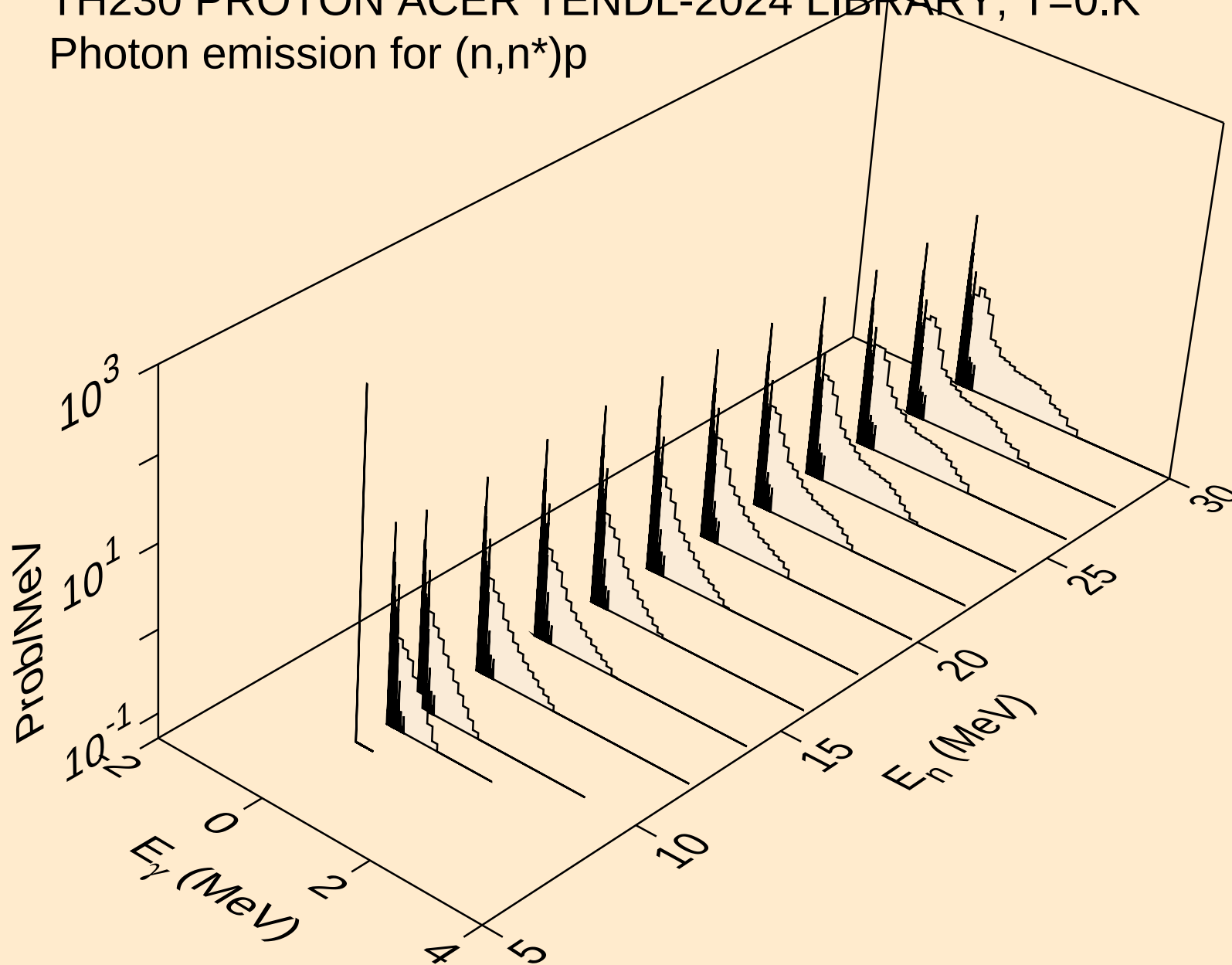
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$

Photon emission for $(n,3n)\alpha$



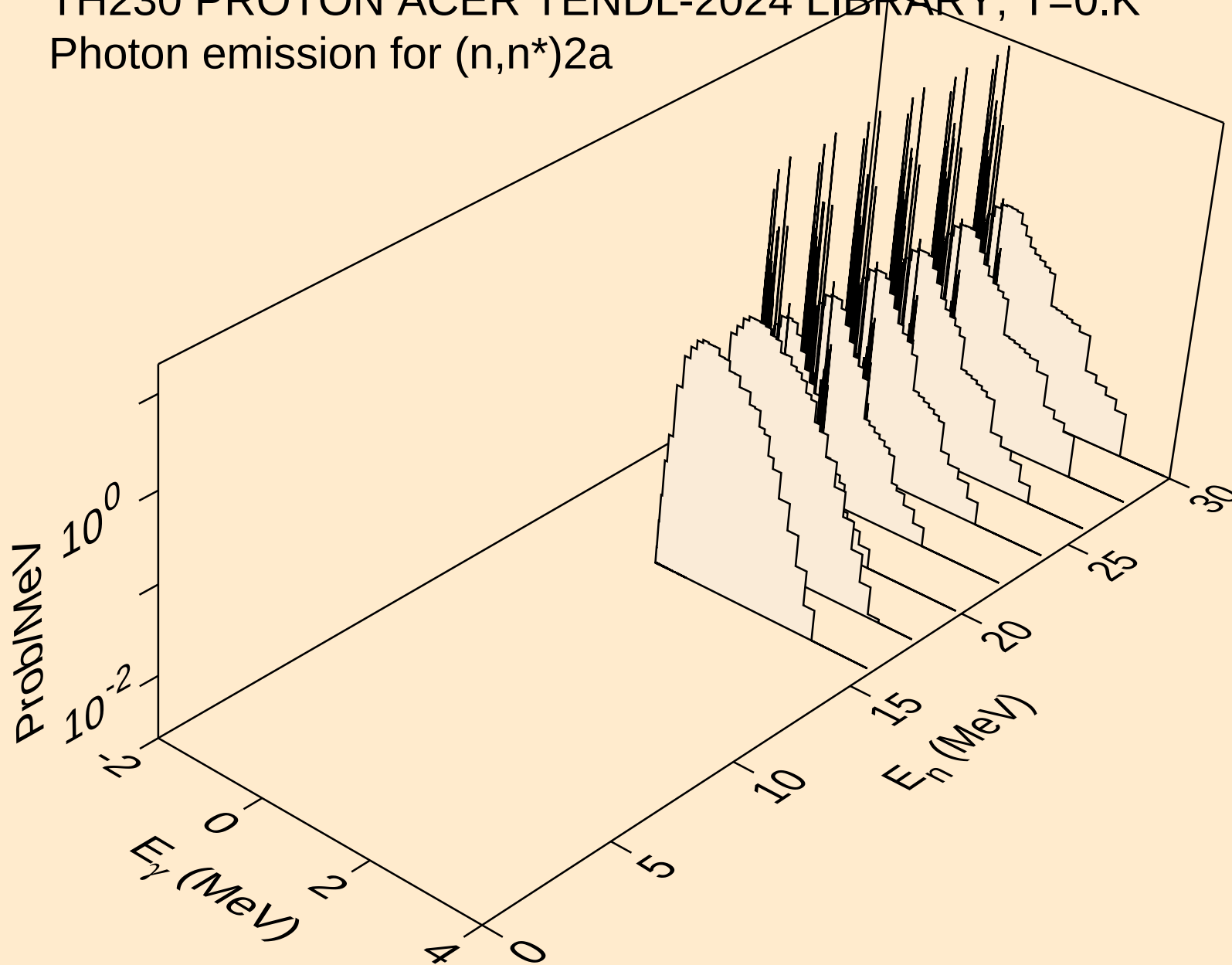
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$

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



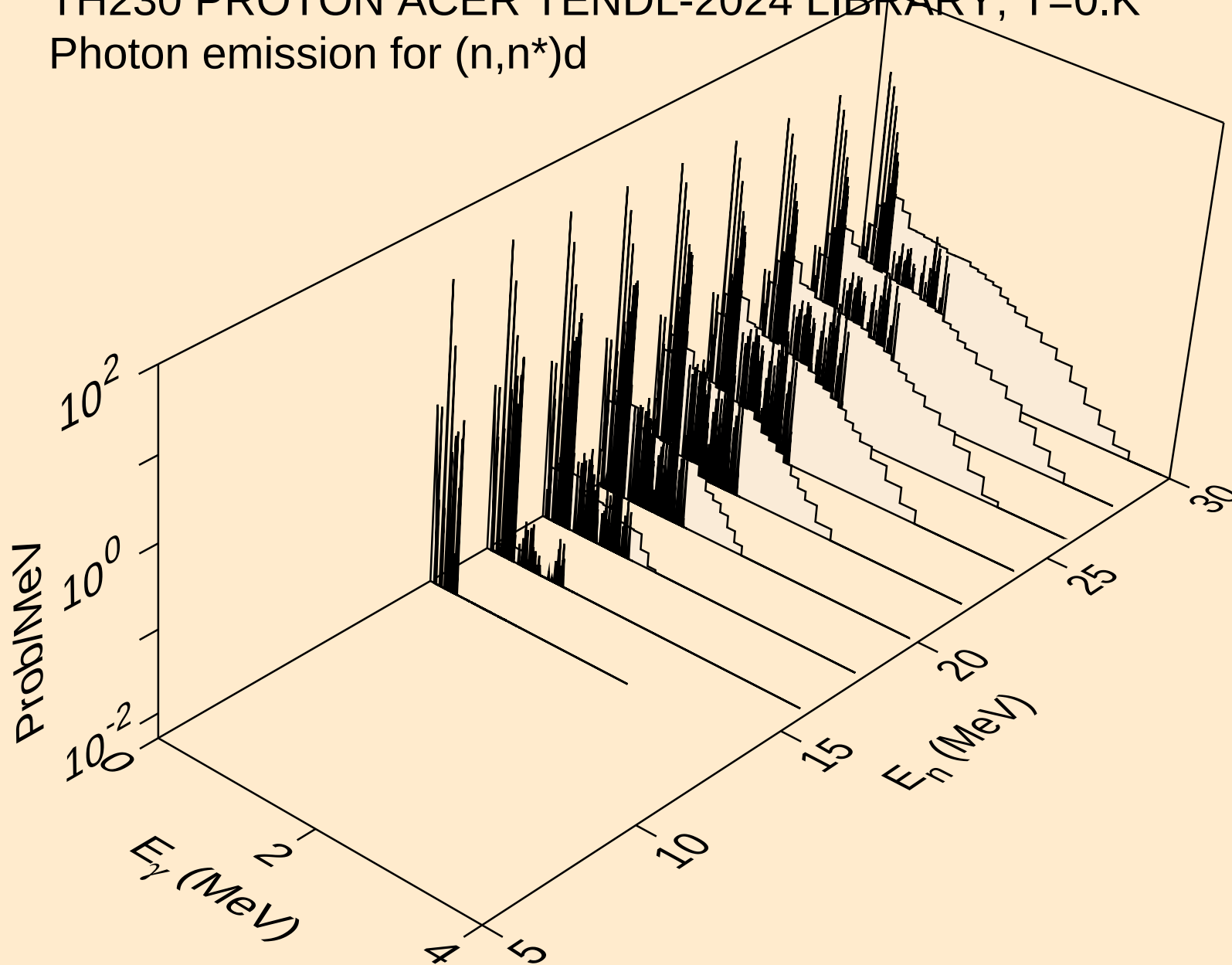
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)2a



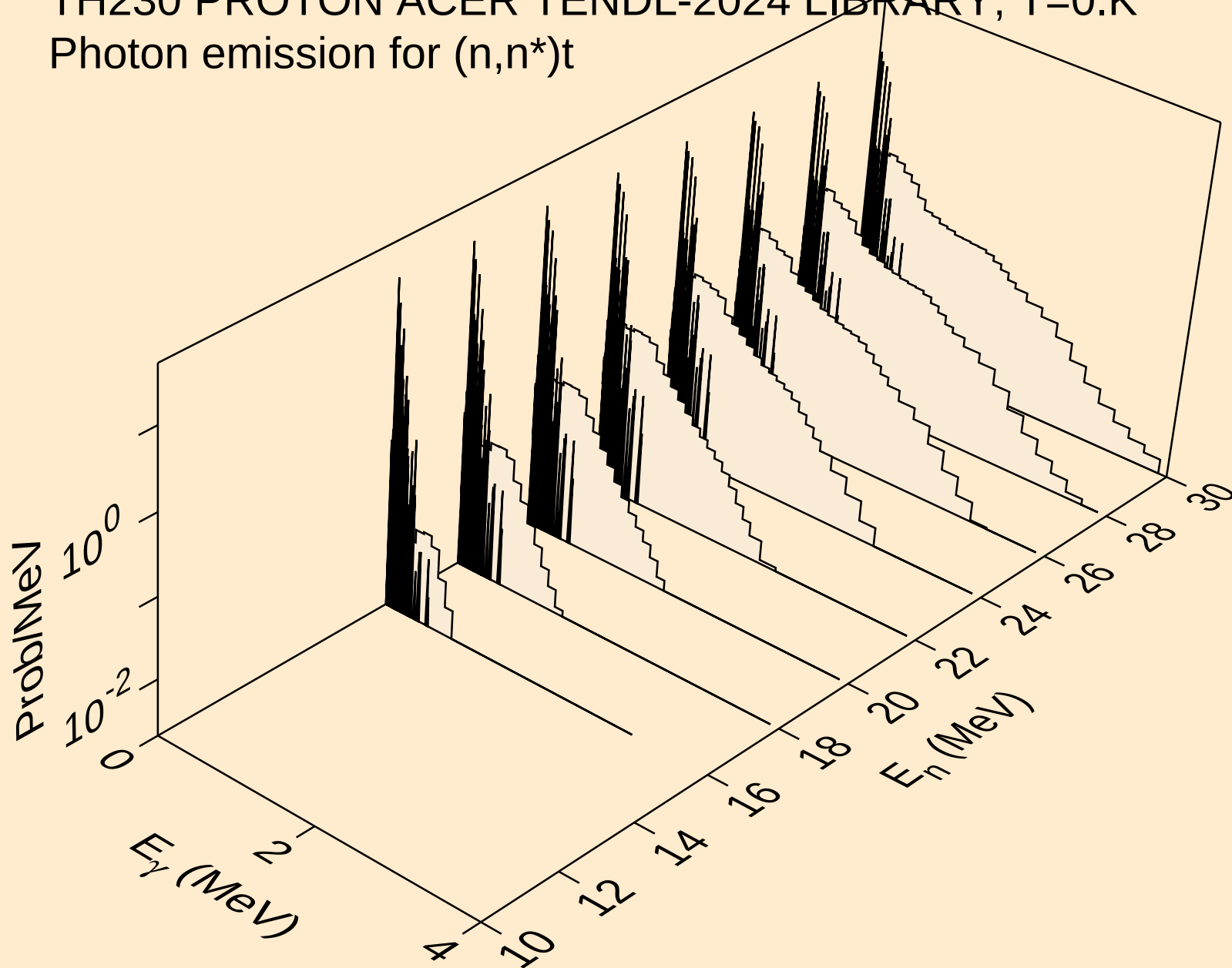
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$

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

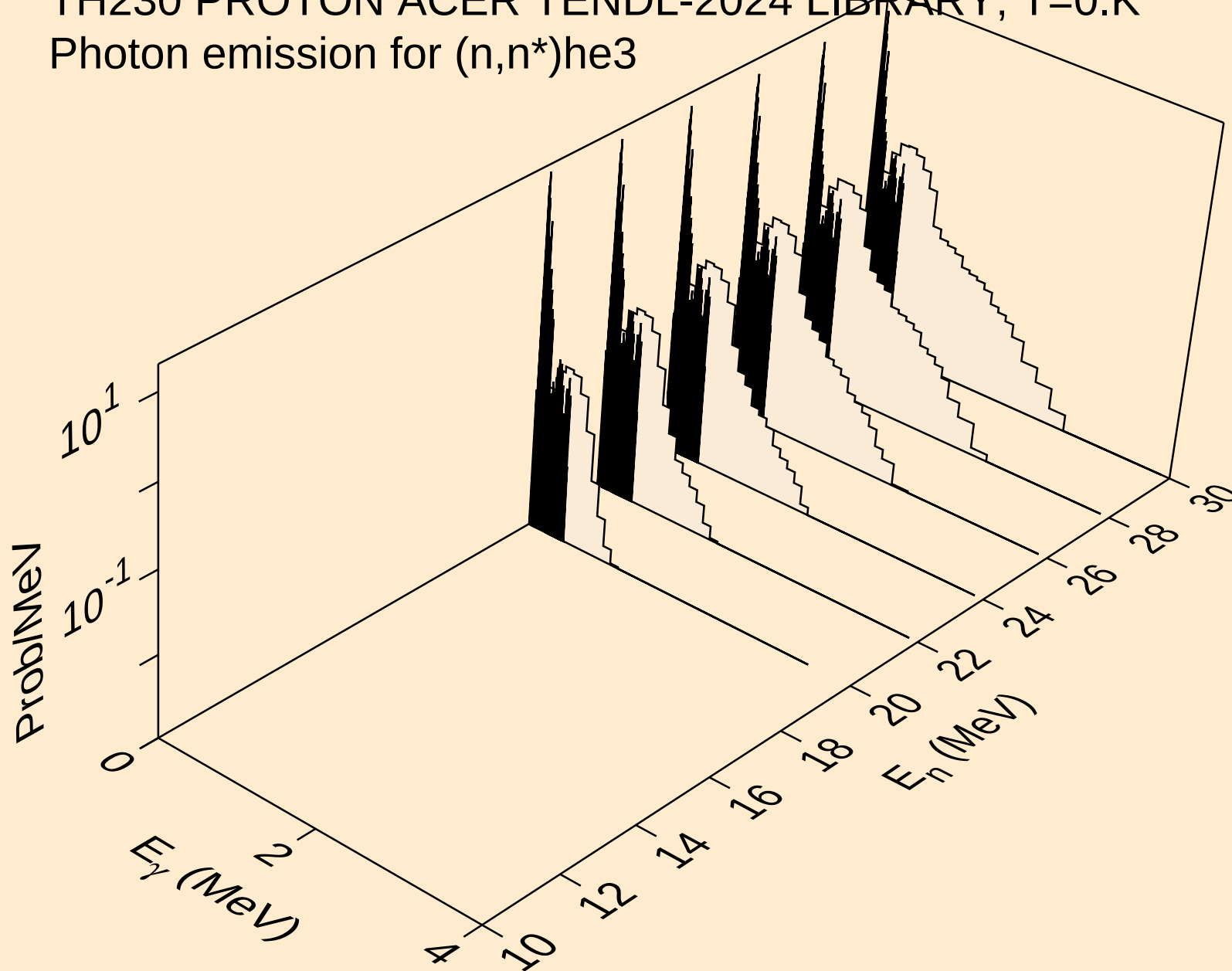


TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

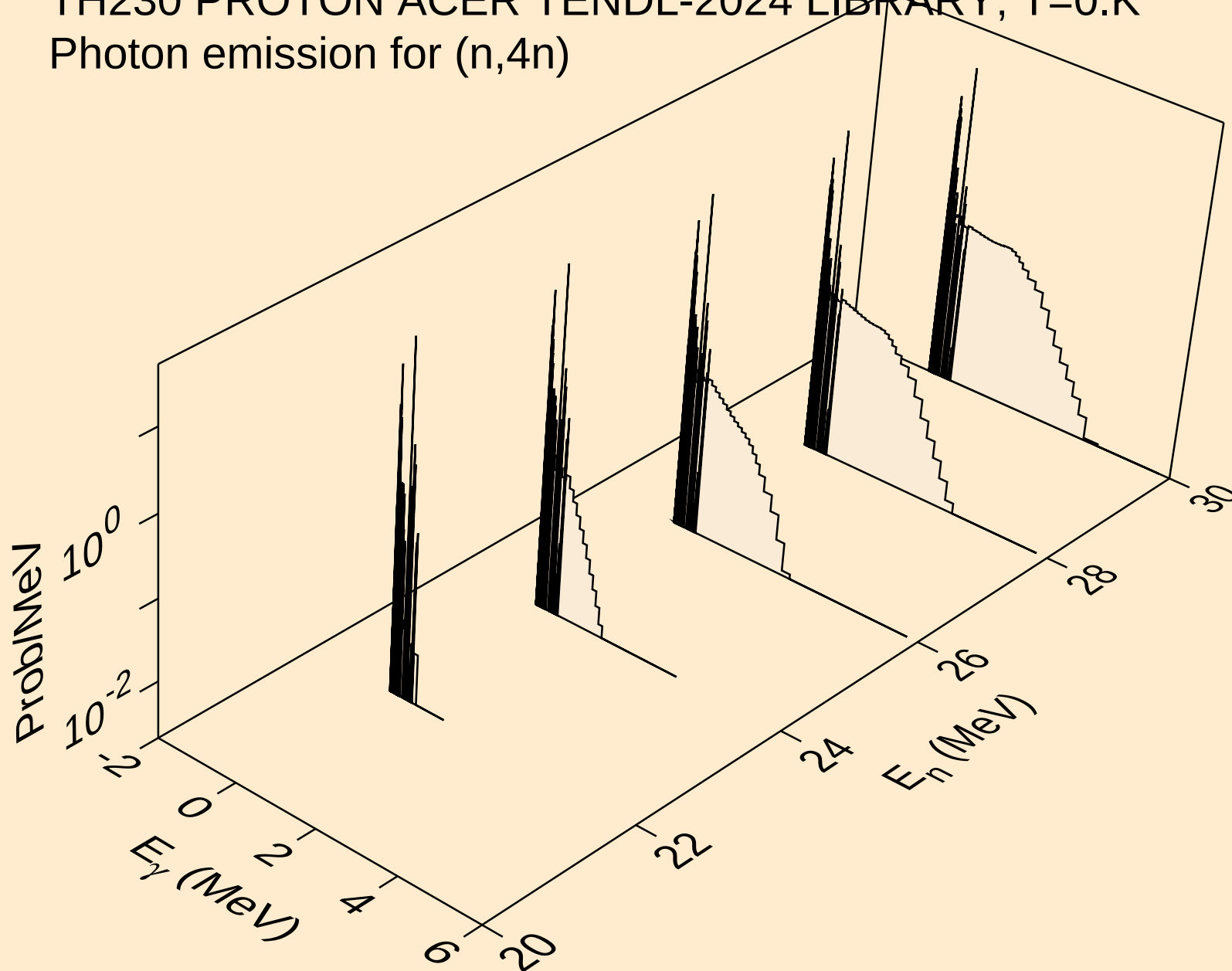
Photon emission for (n,n*)t



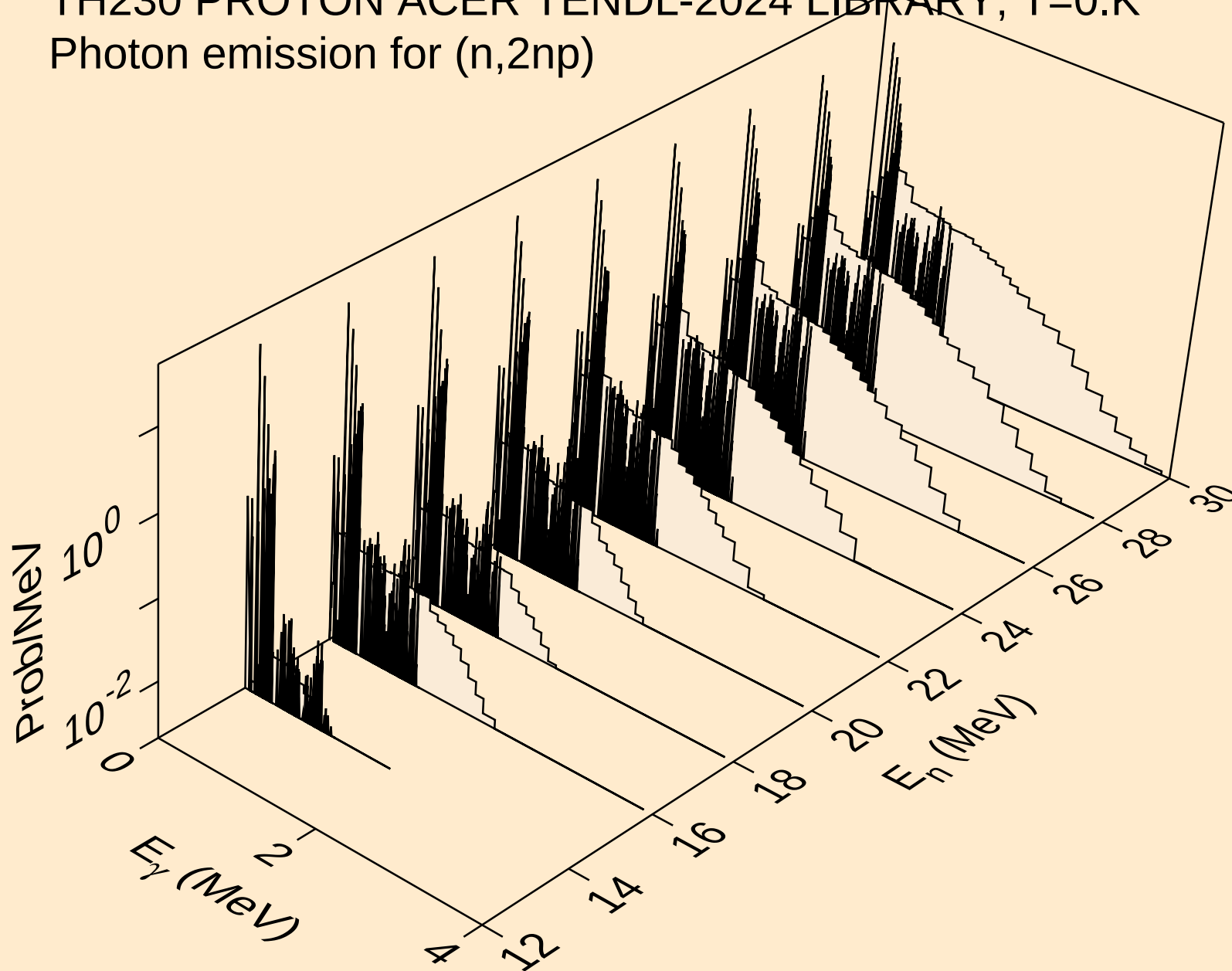
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)\text{he3}$



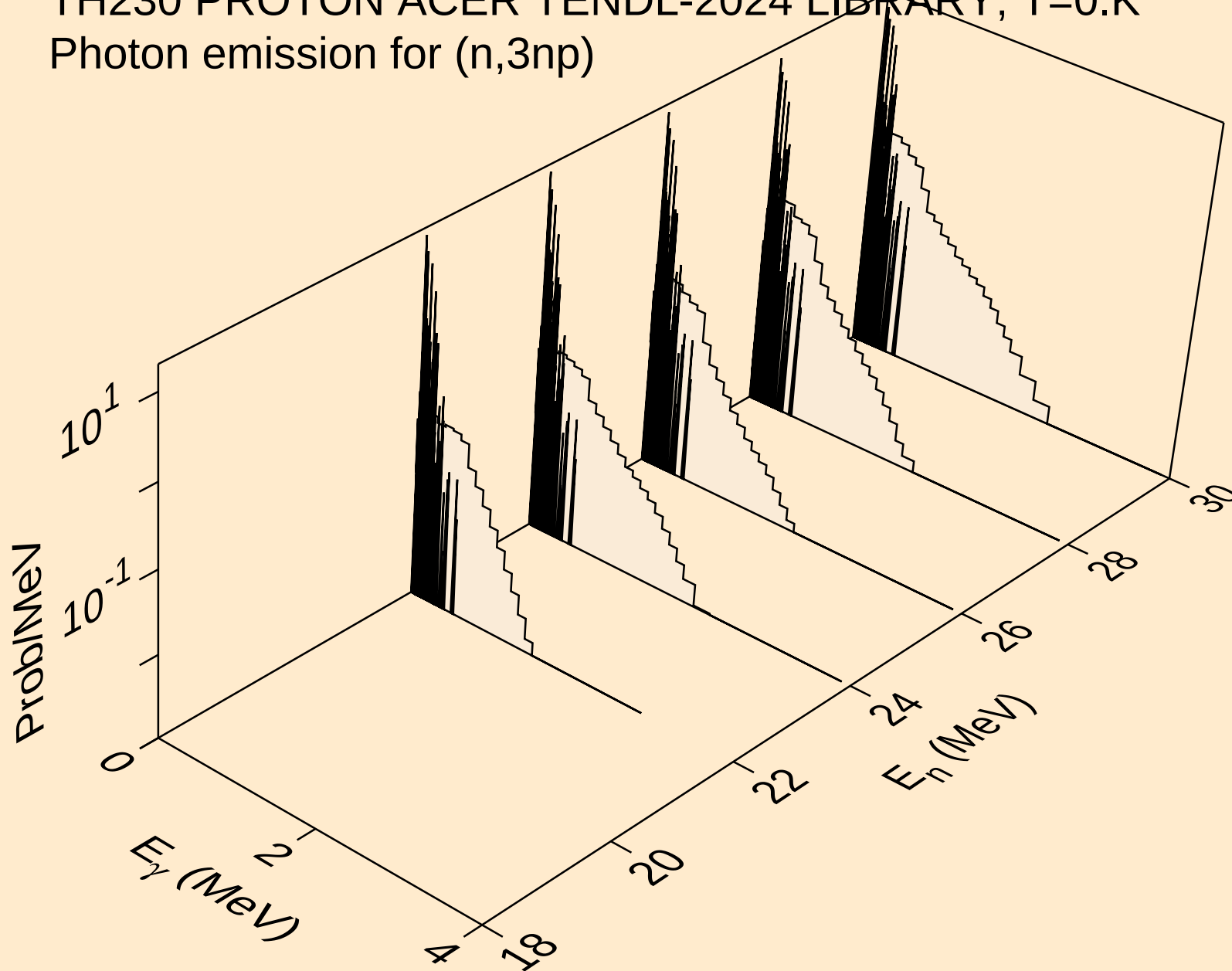
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,4n)



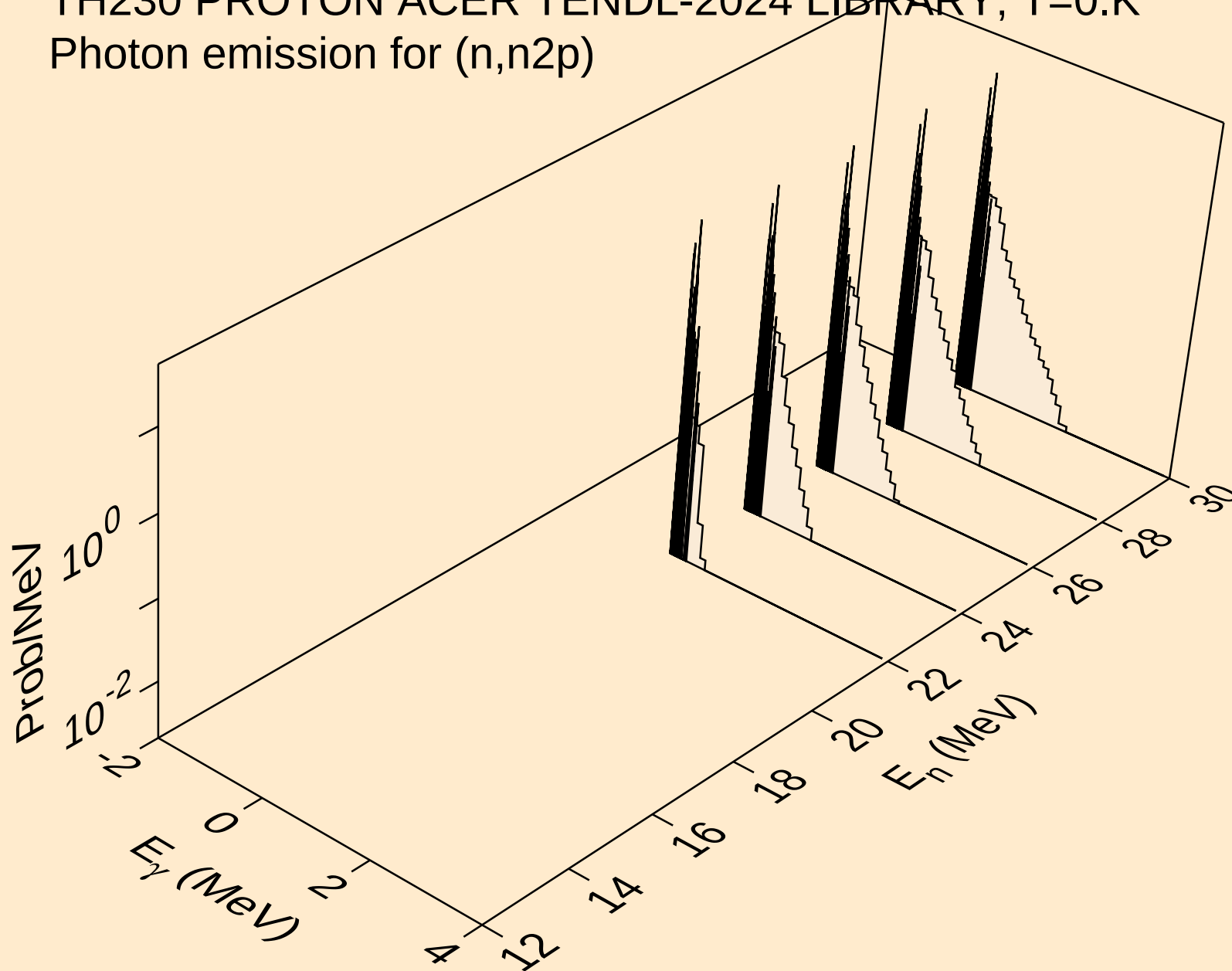
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2np)



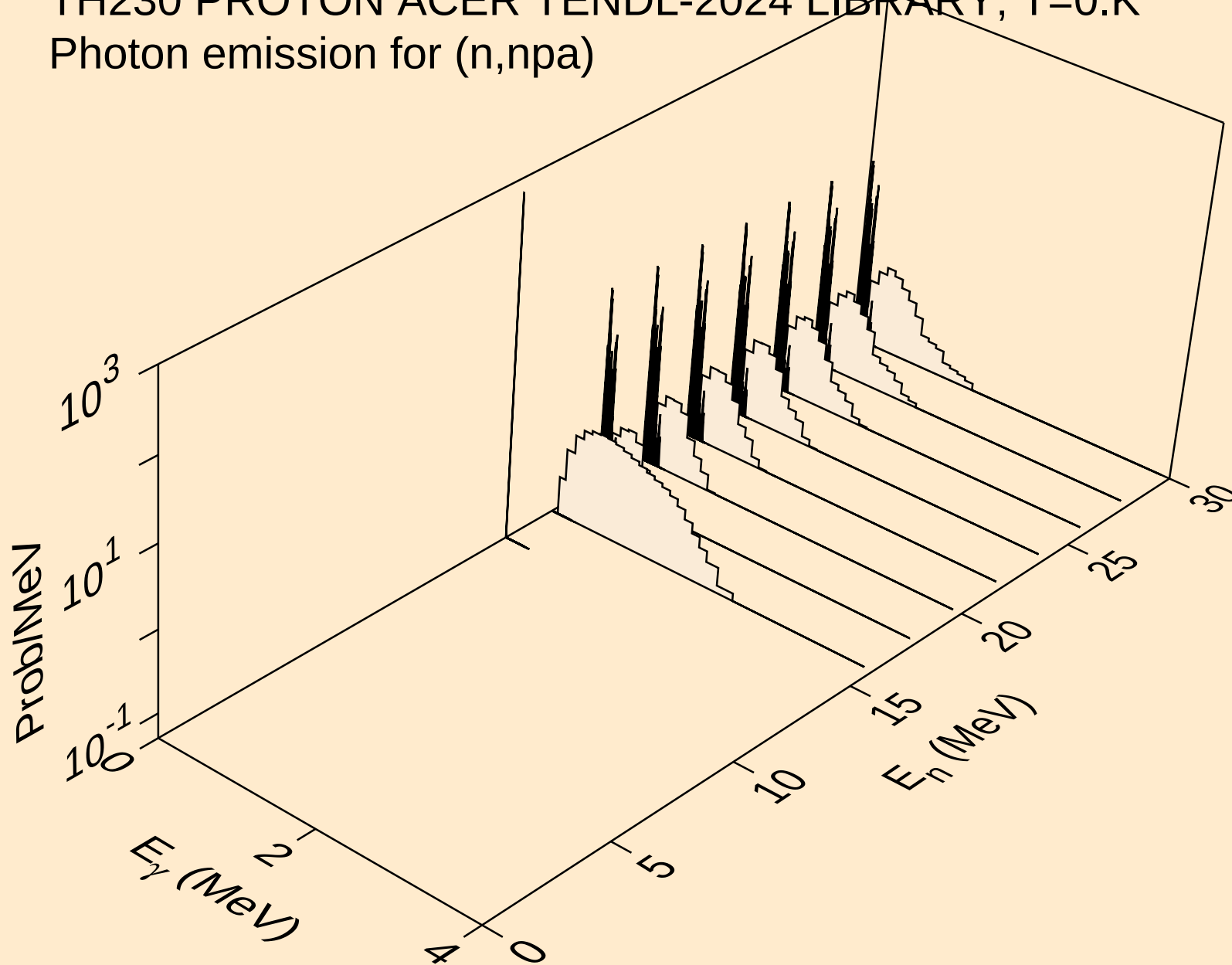
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,3np)



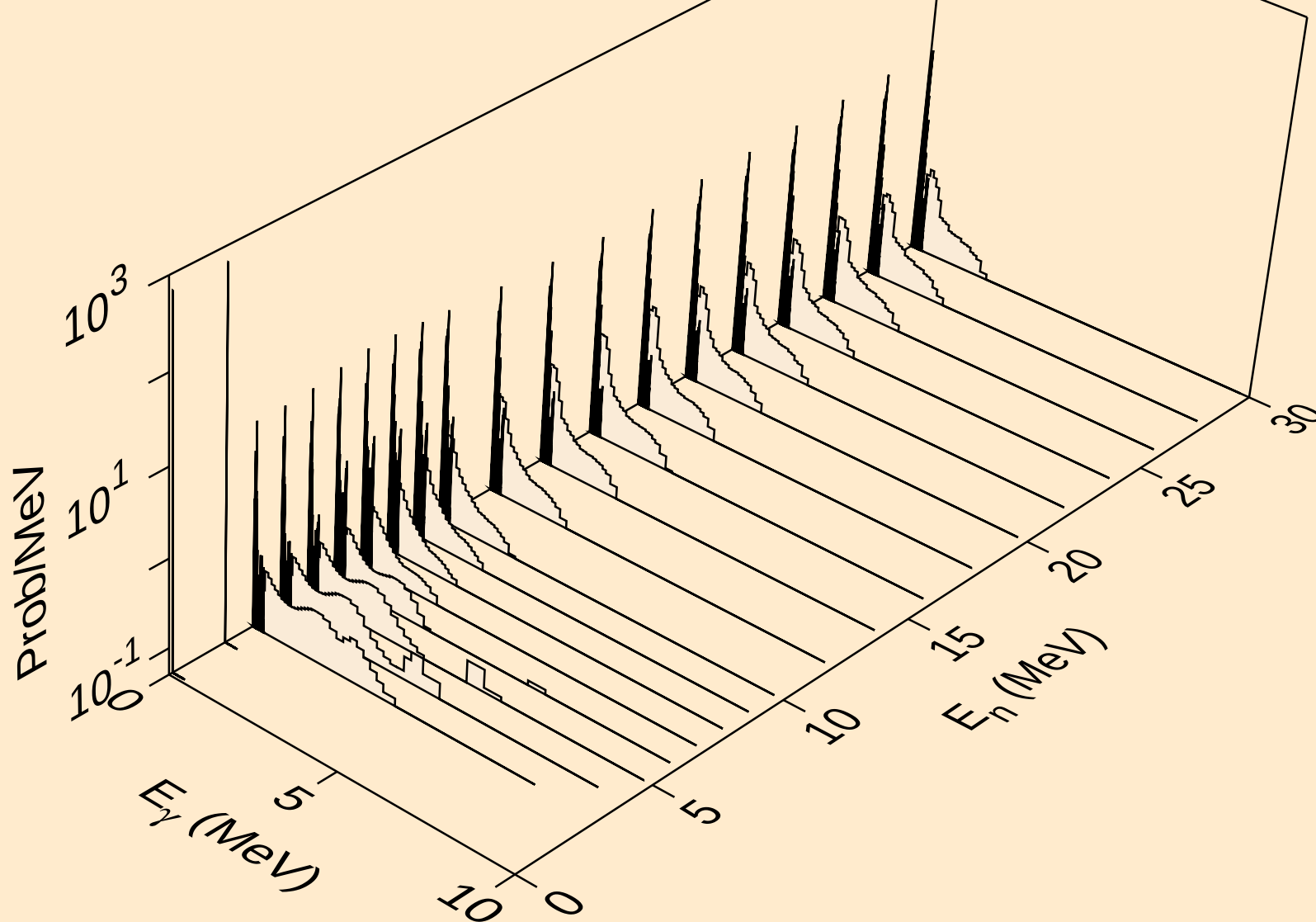
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,n2p)



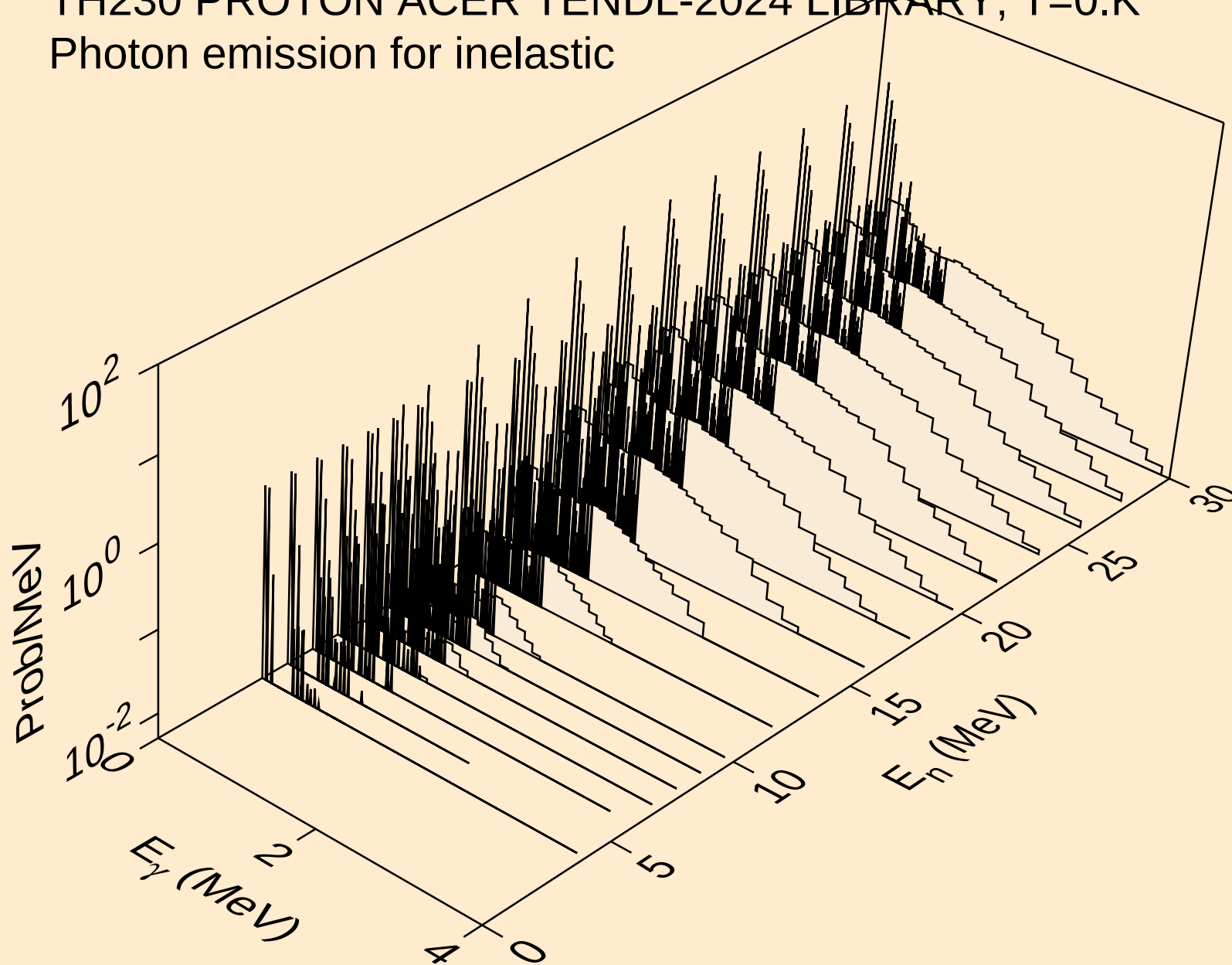
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,npa)



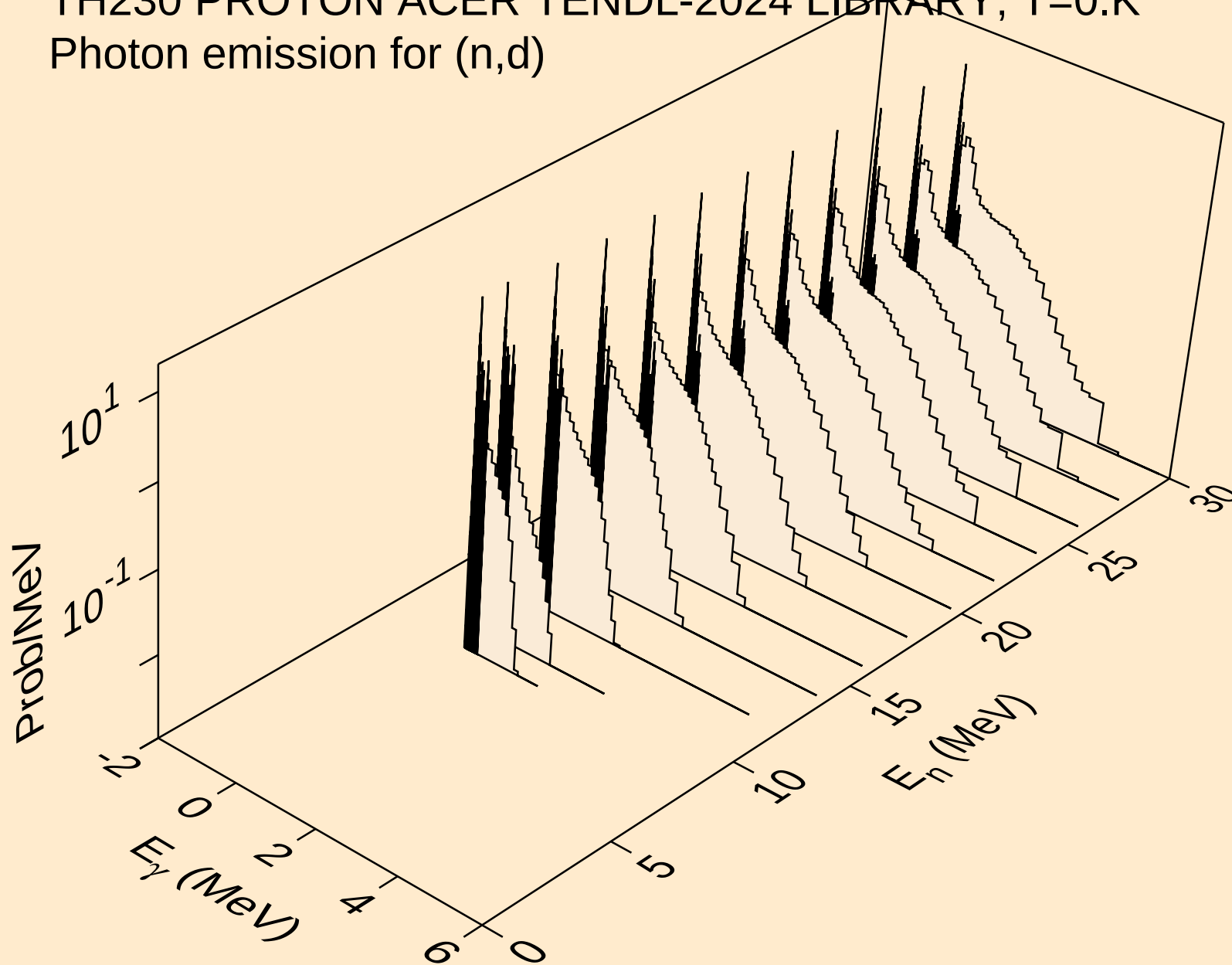
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,gma)



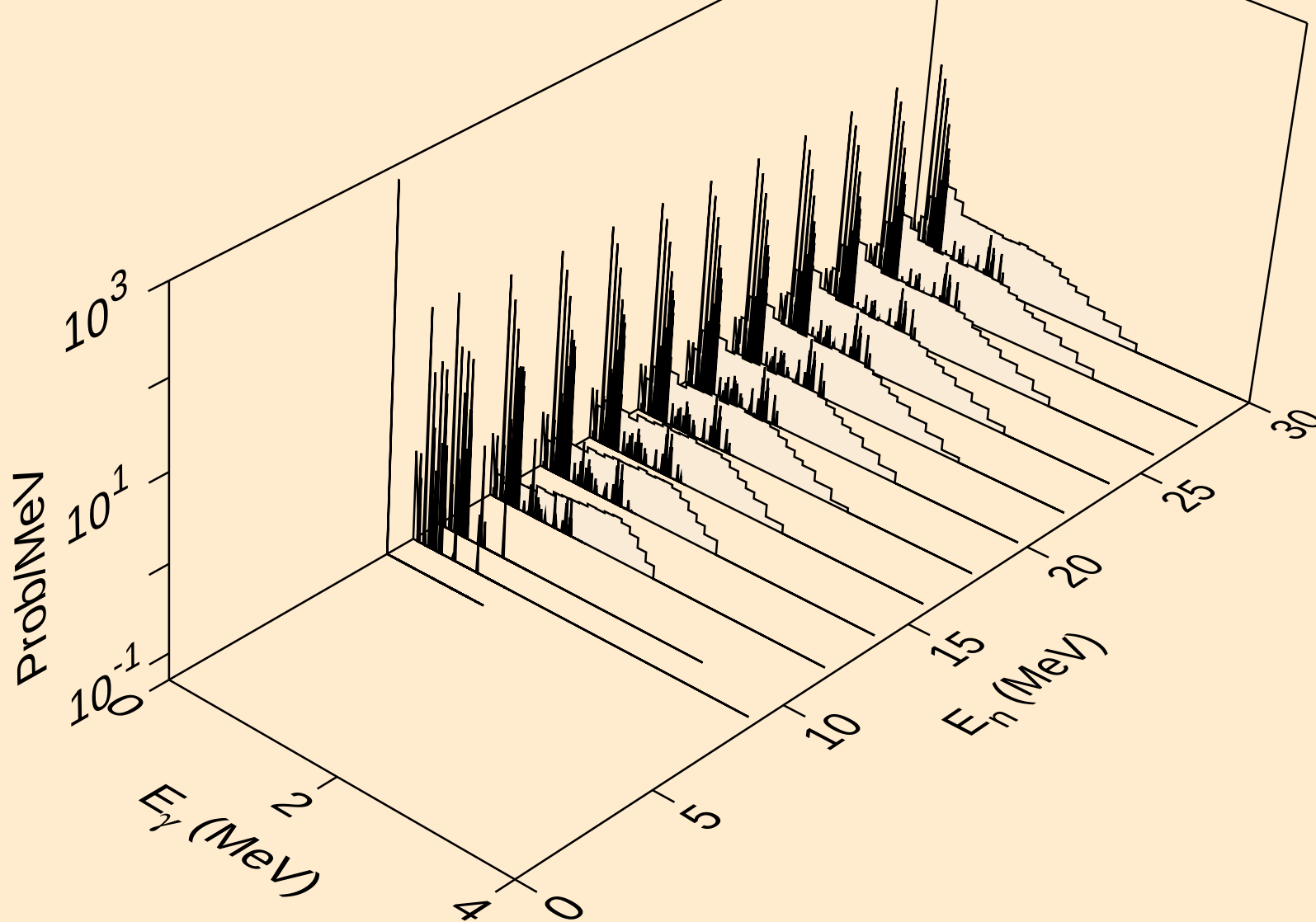
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for inelastic



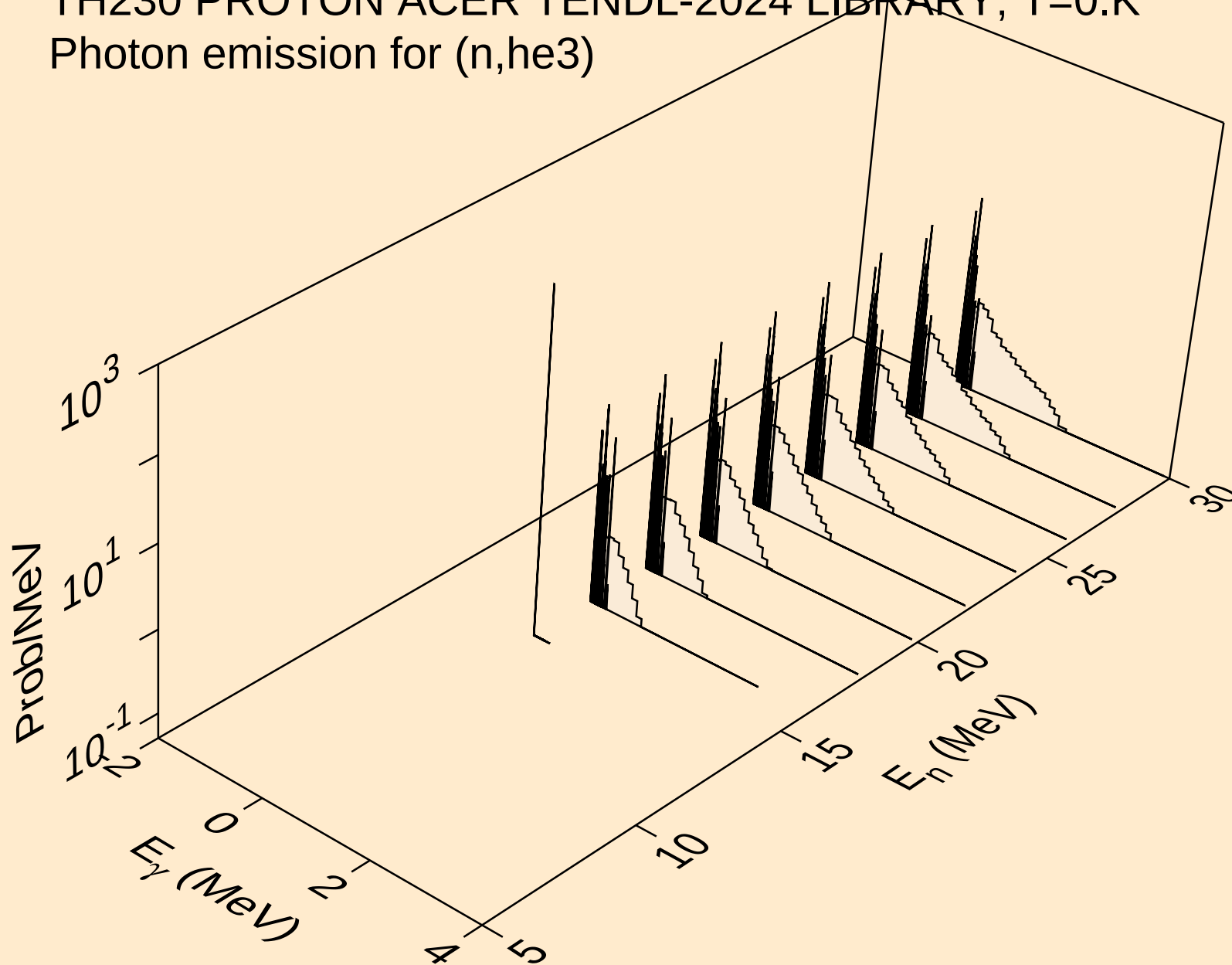
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,d)



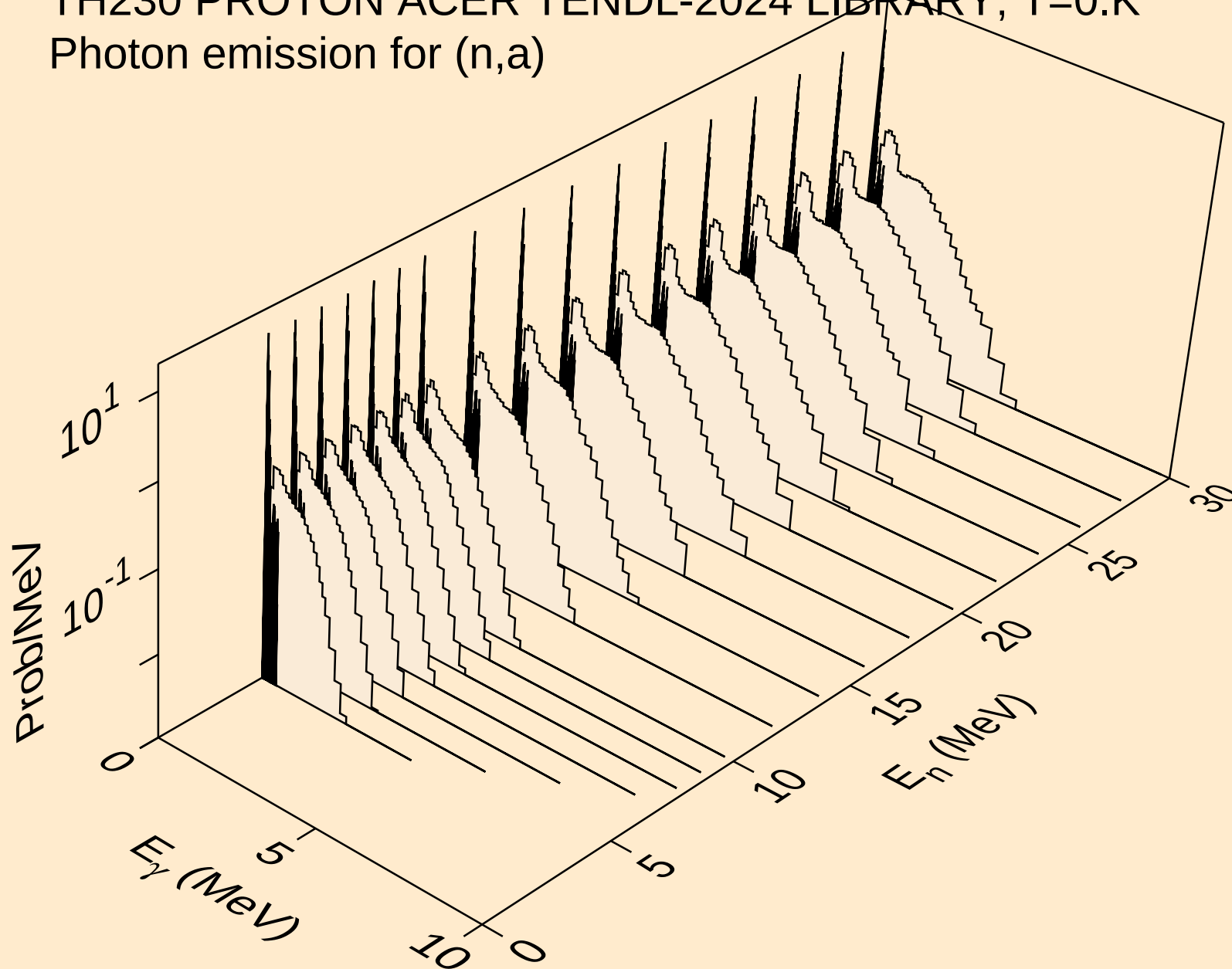
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,t)



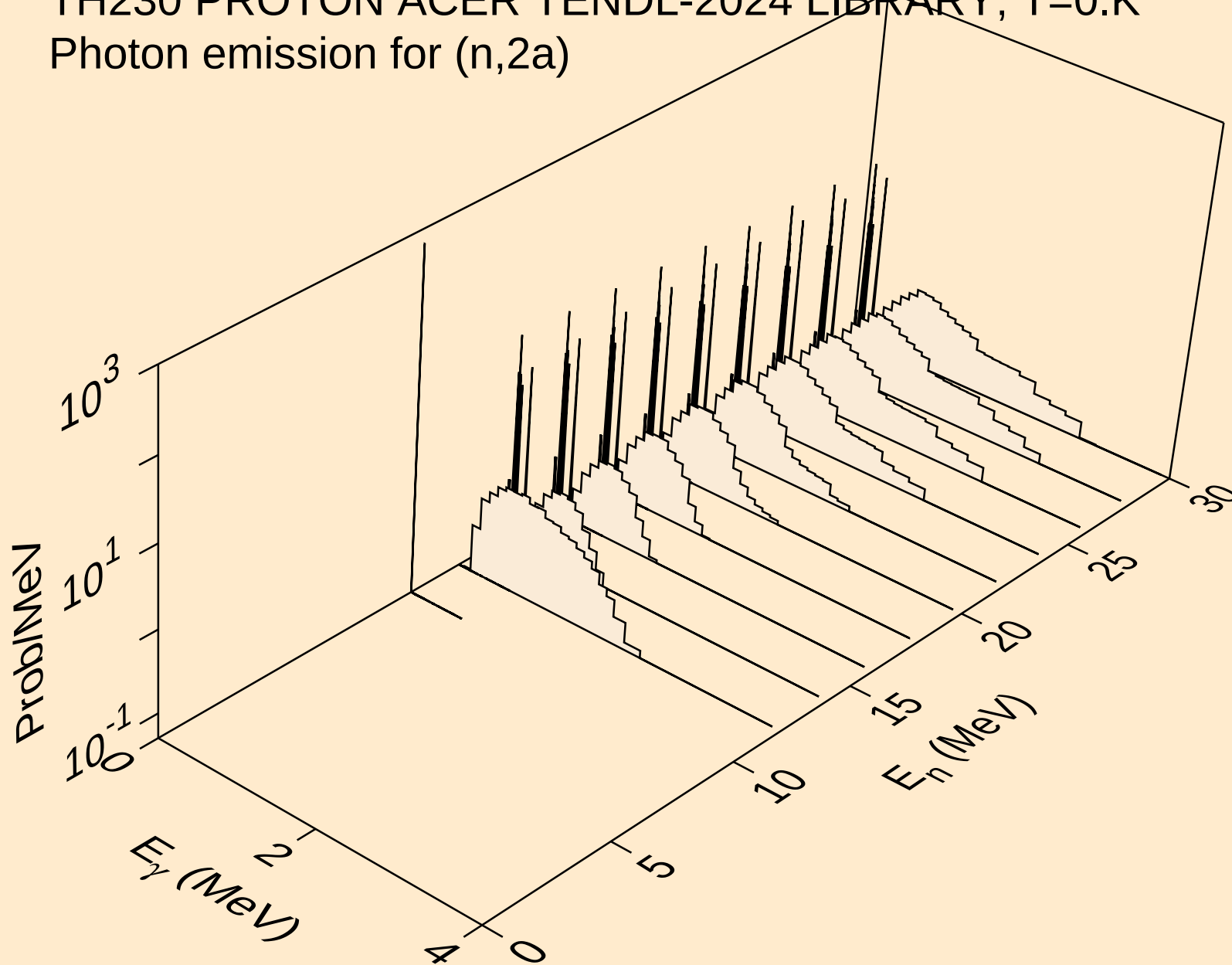
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,he3)



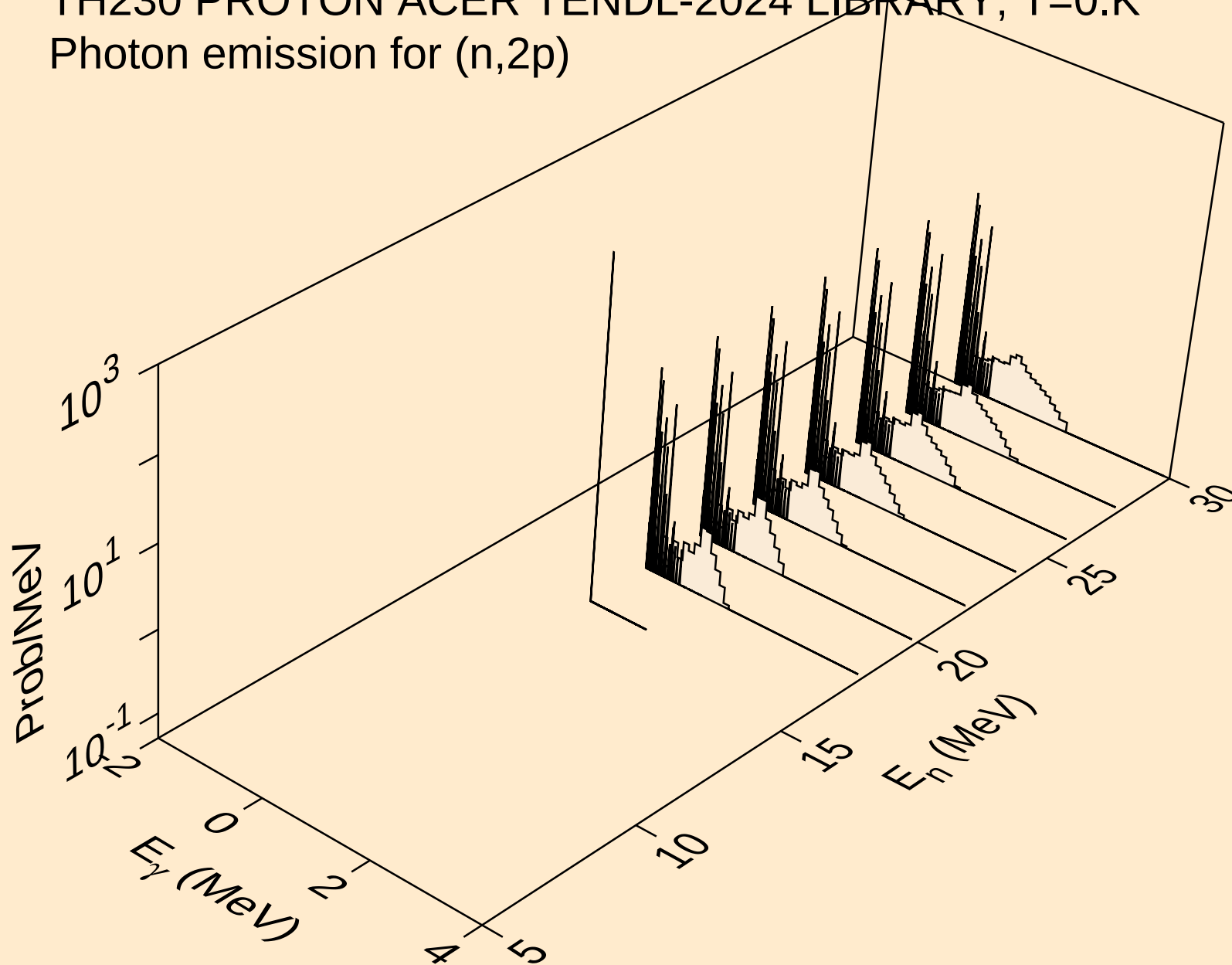
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,a)



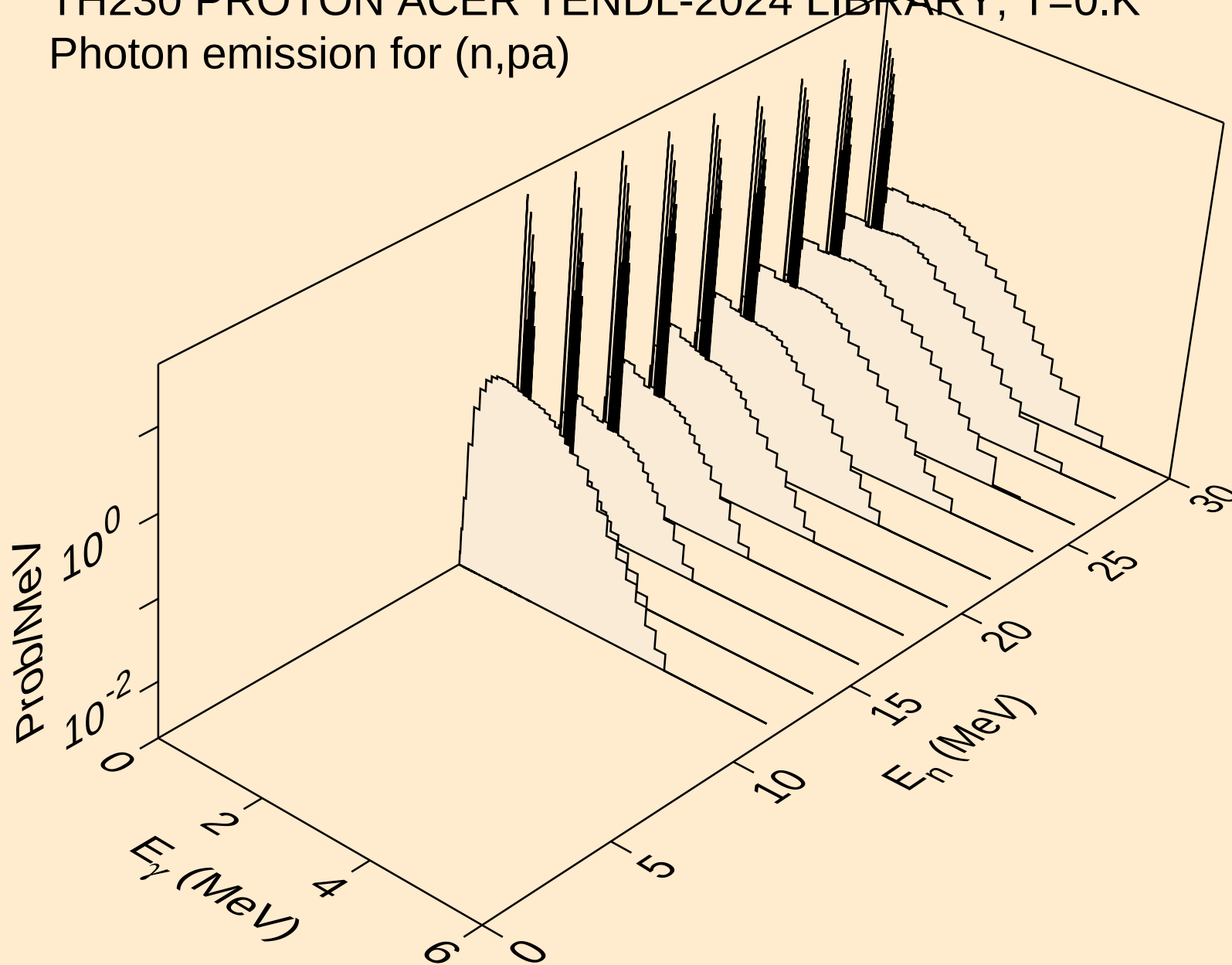
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2p)

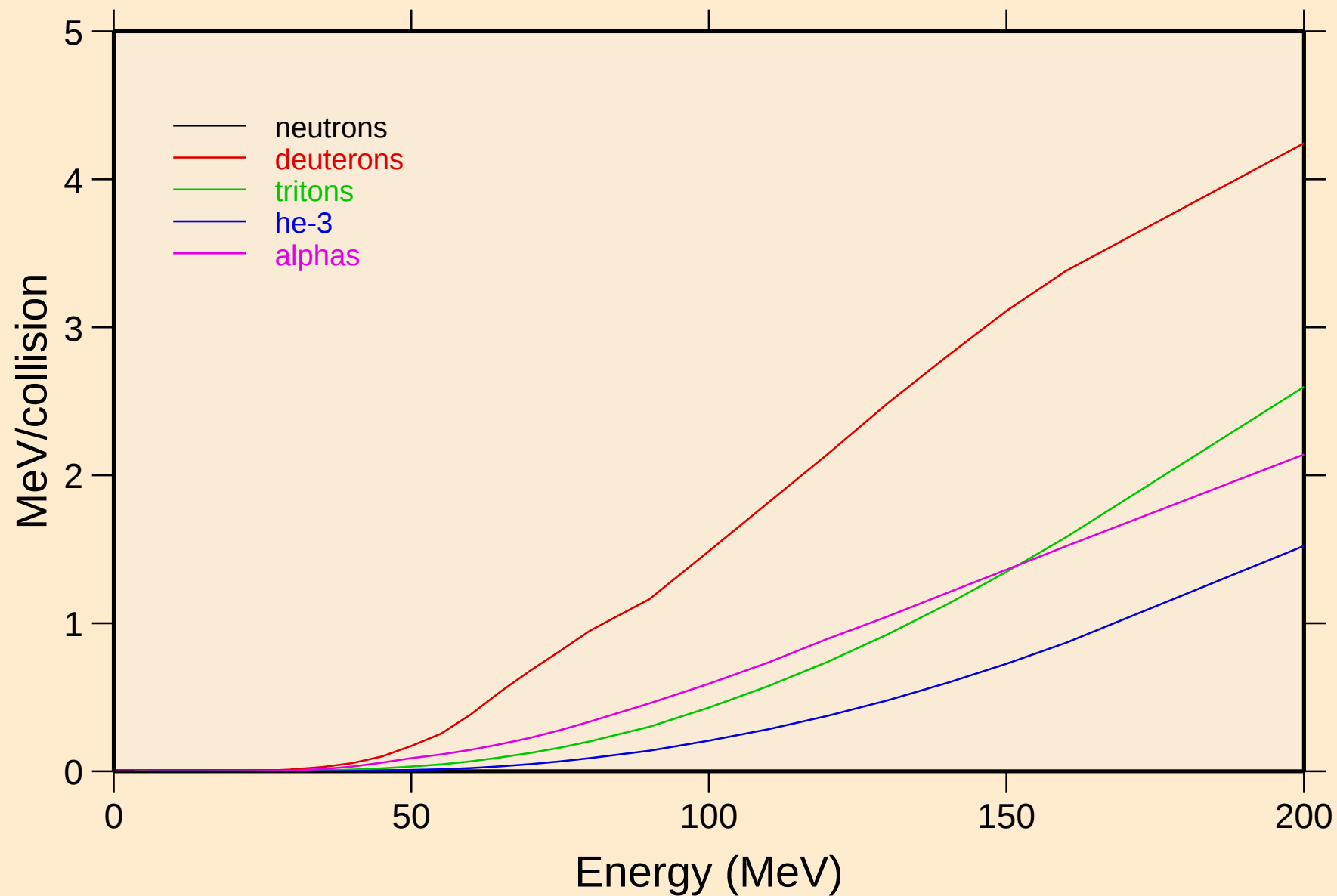


TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)



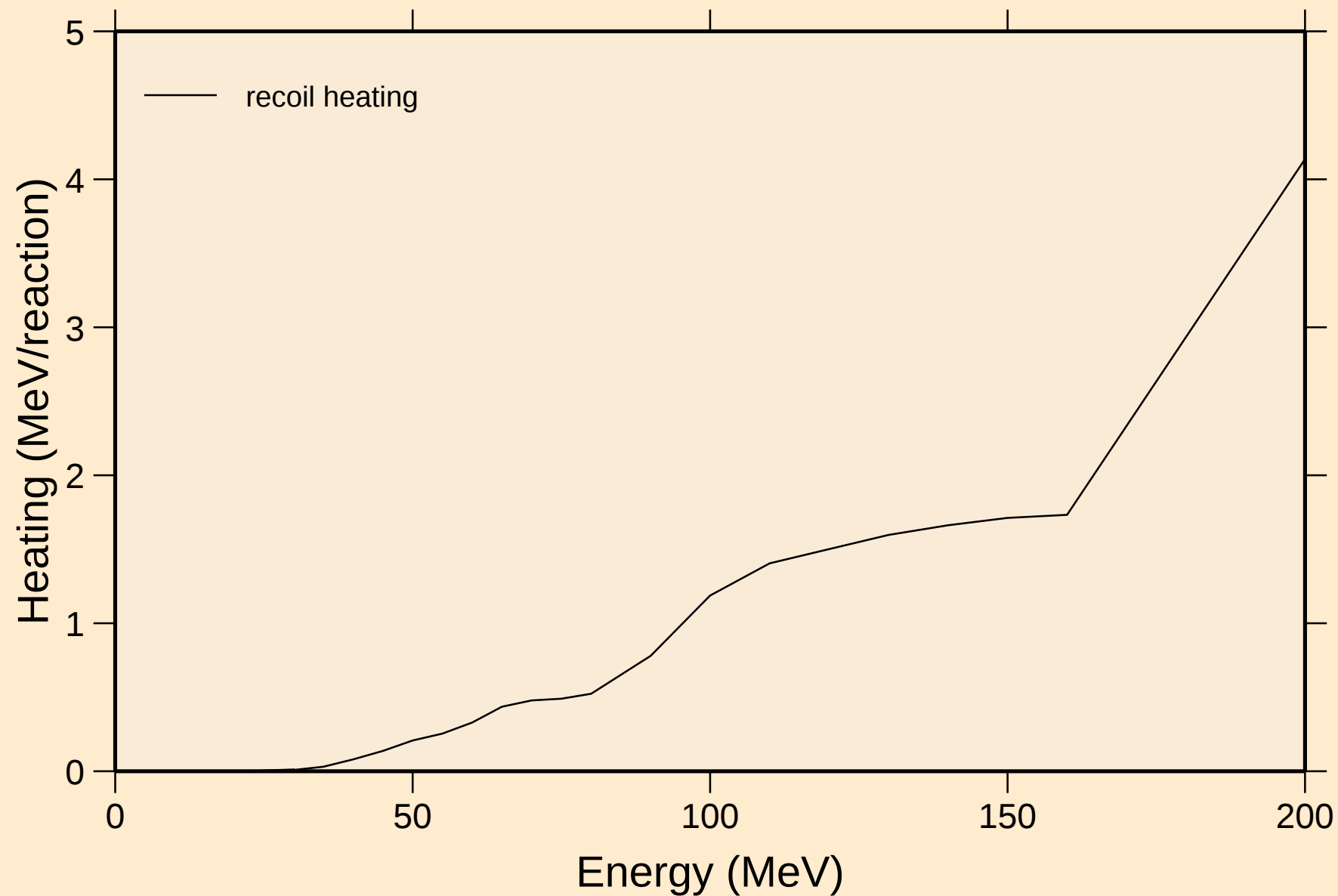
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



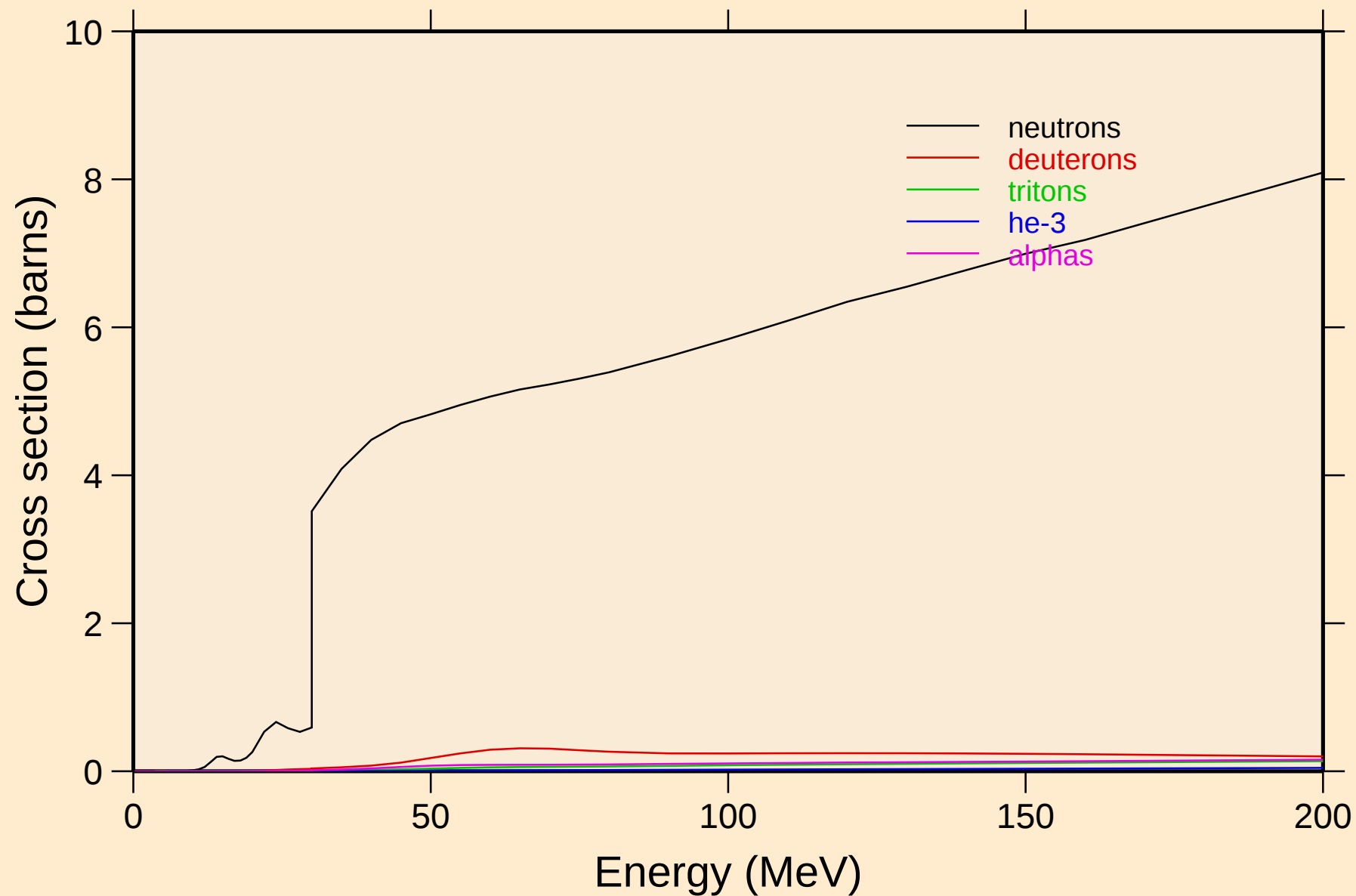
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

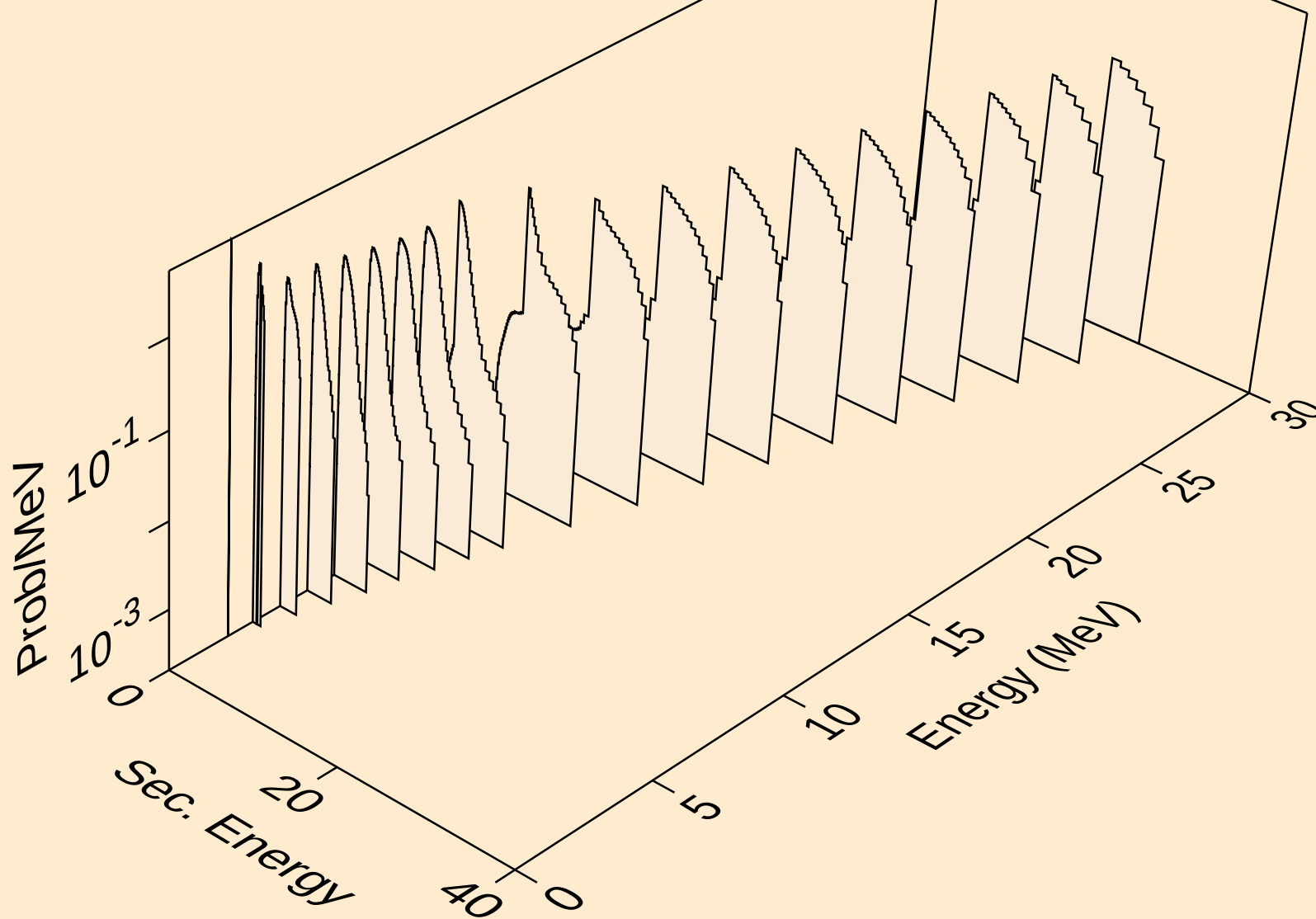


TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K

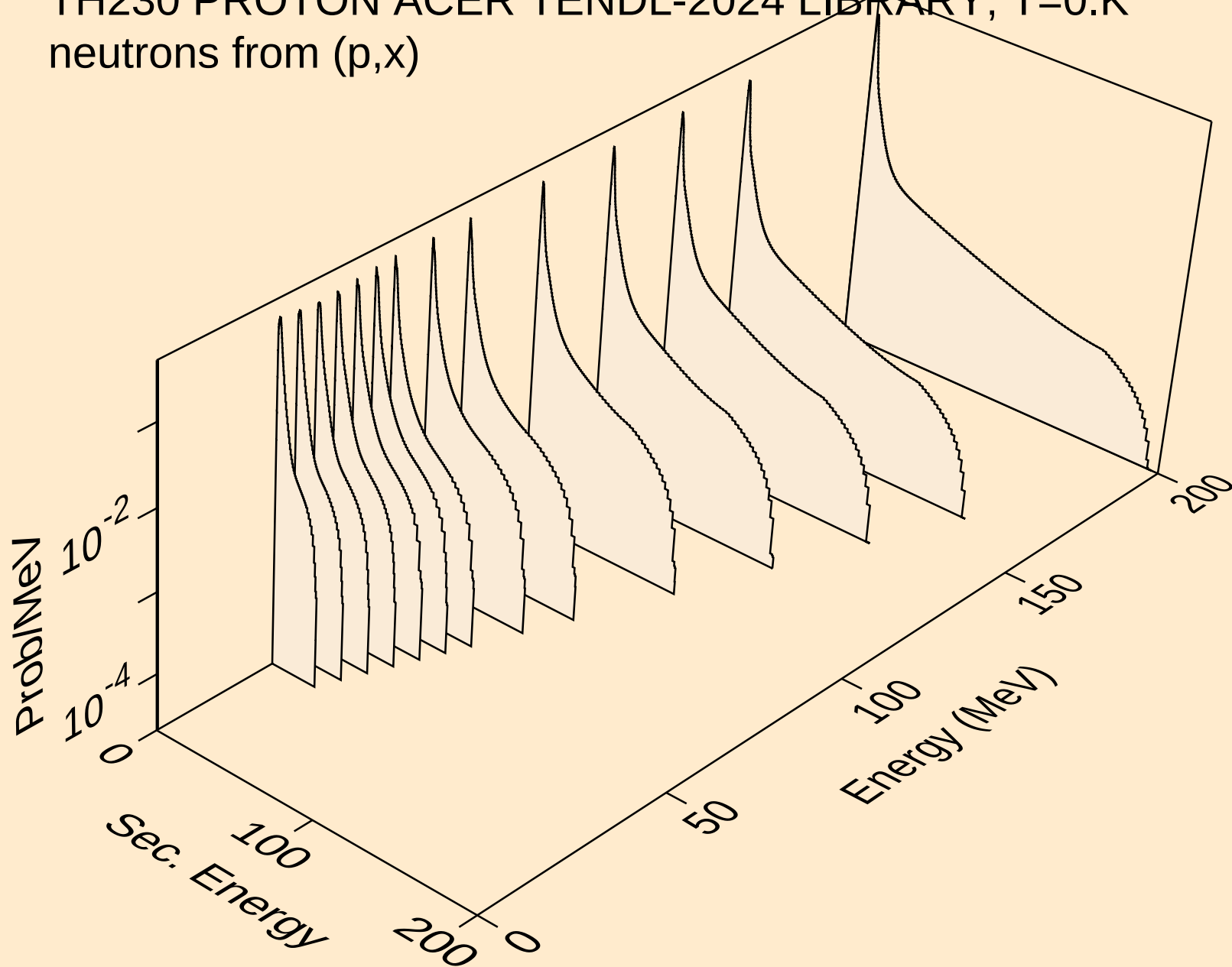
Particle production cross sections



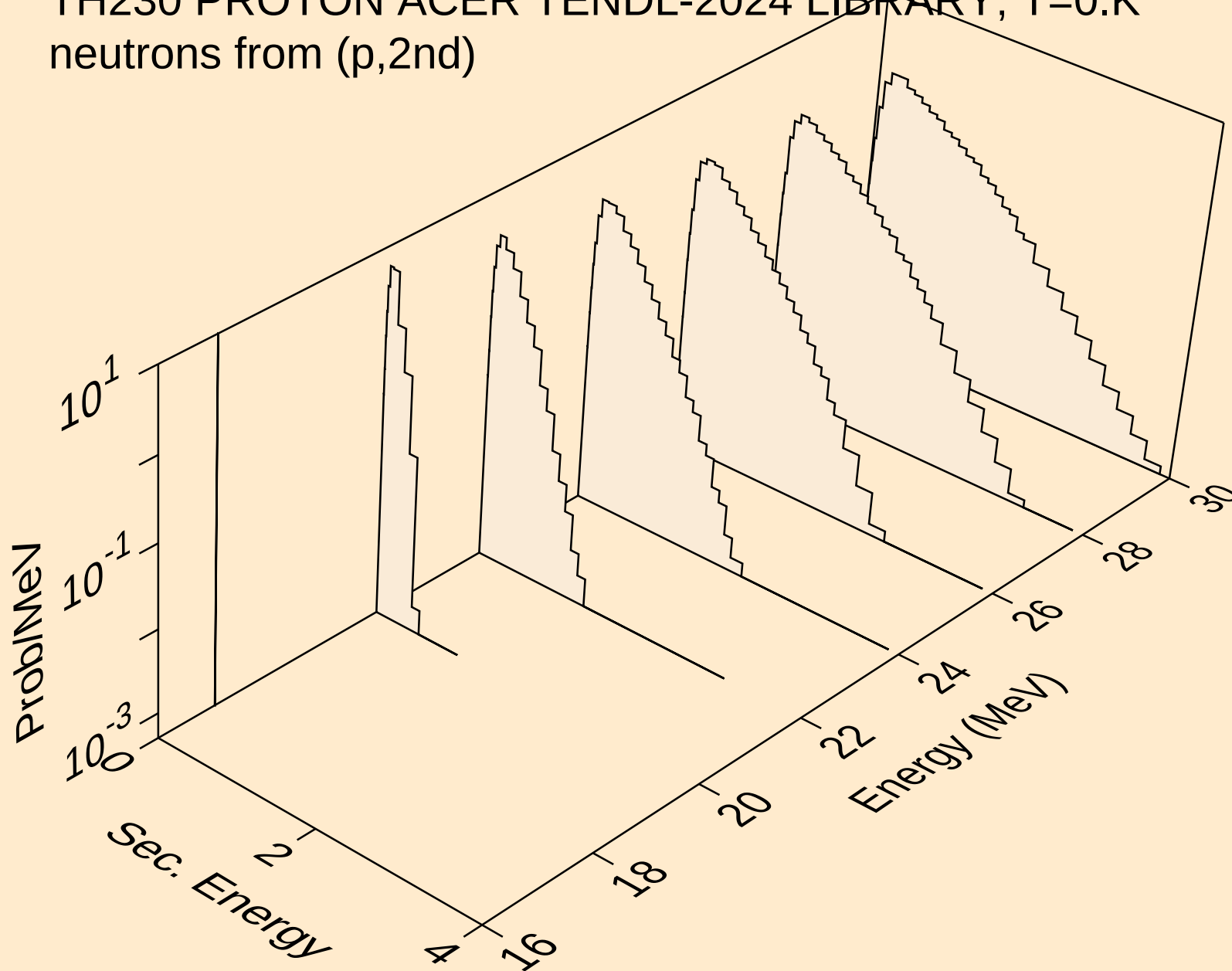
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n)



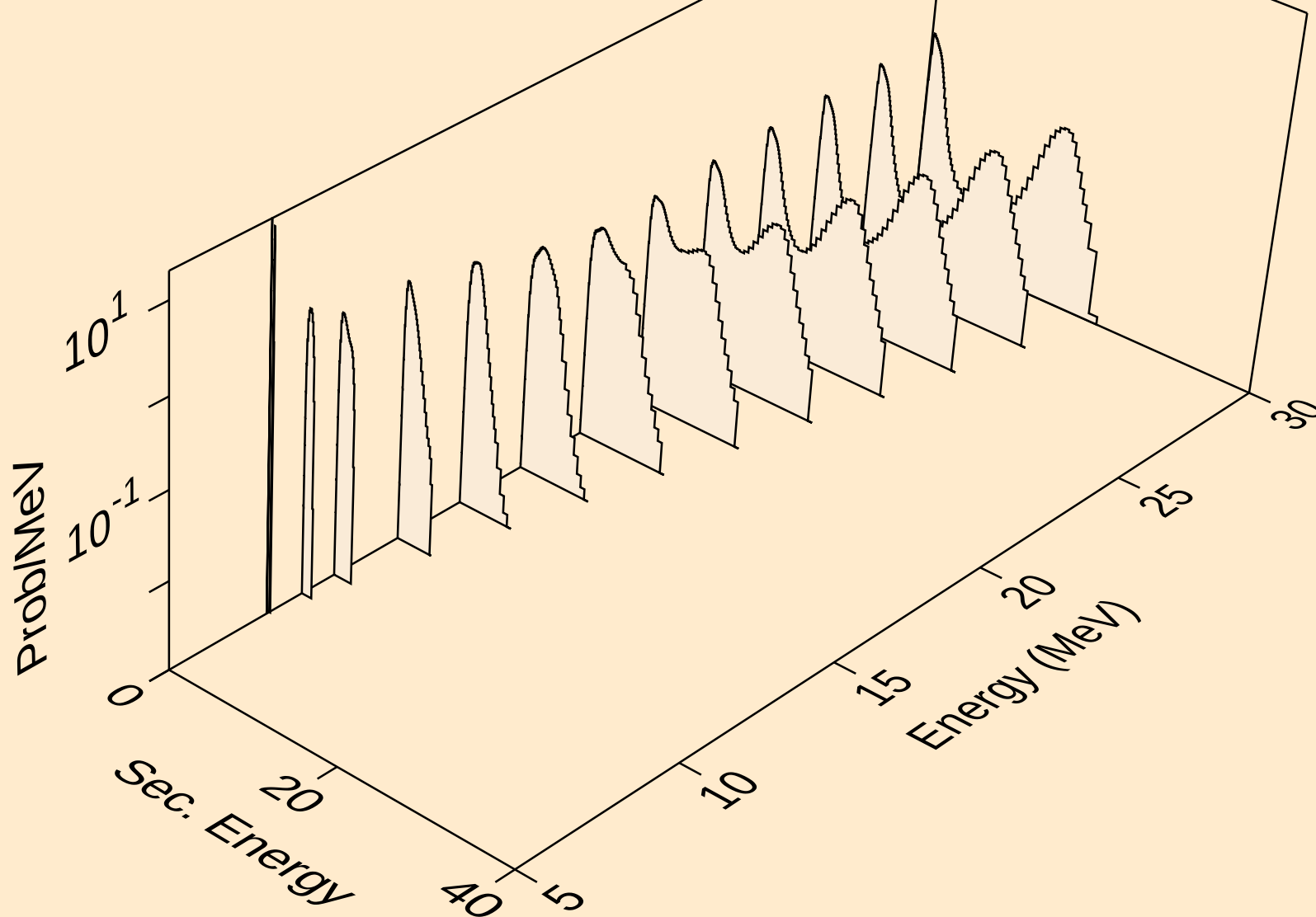
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,x)



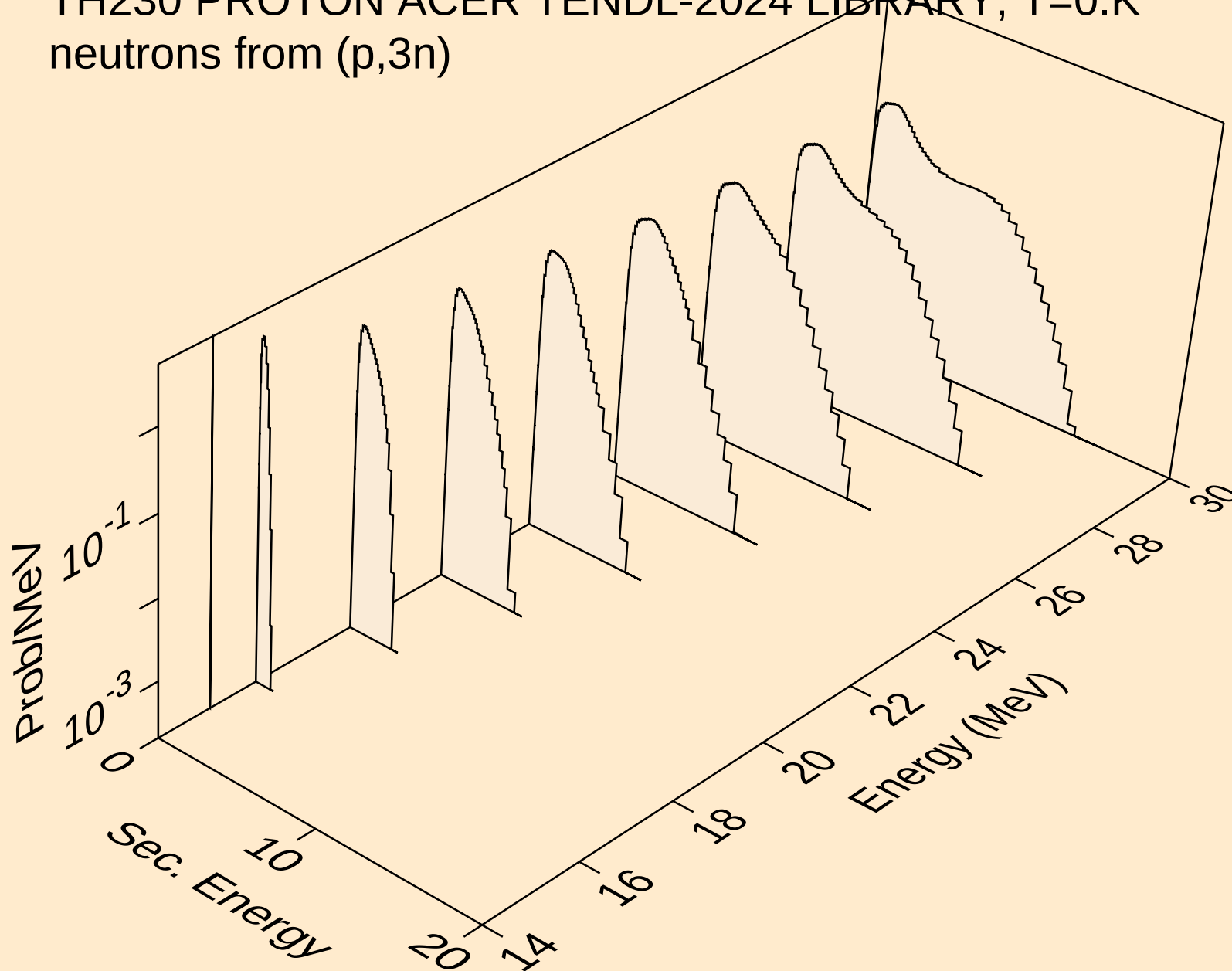
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2nd)



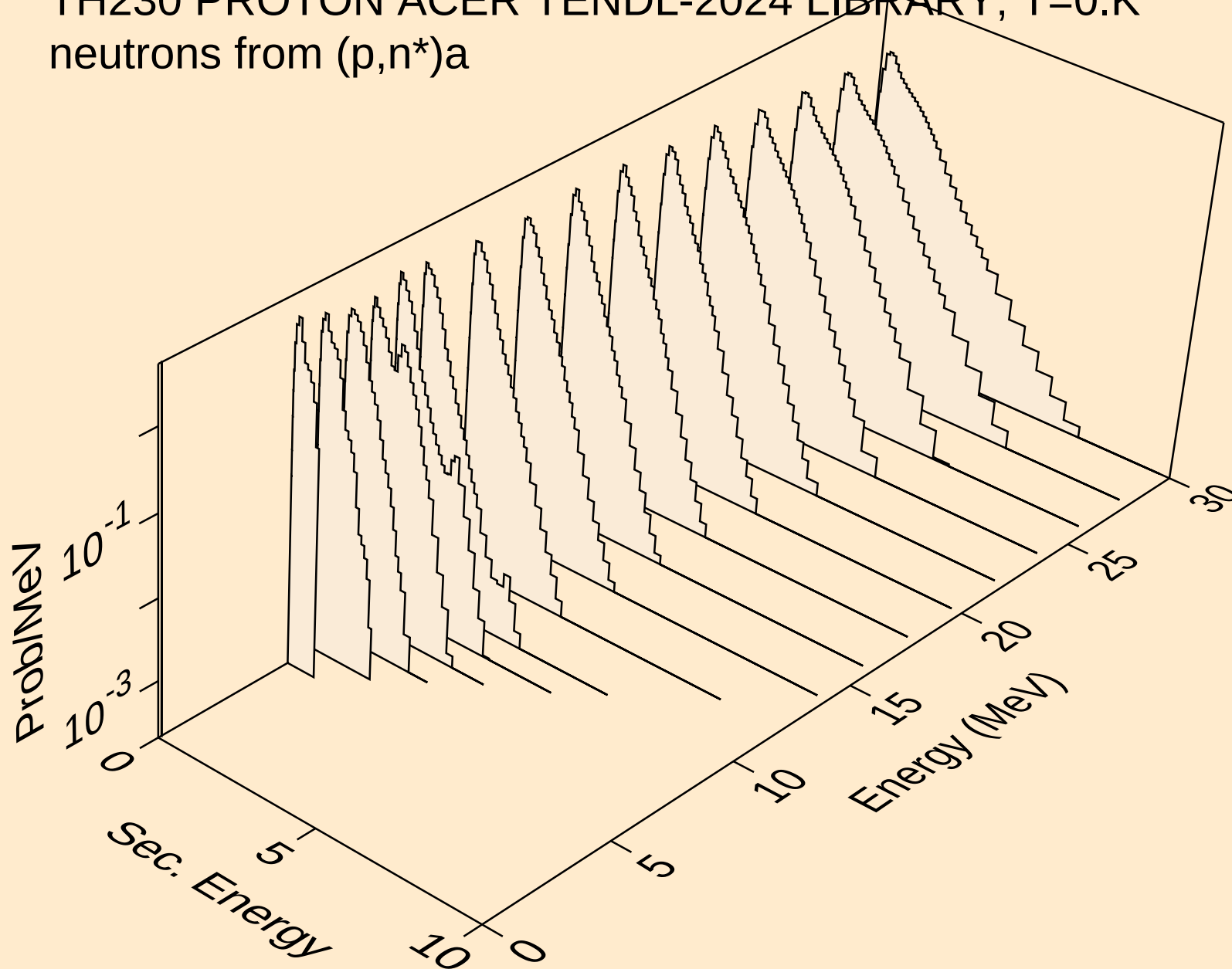
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)



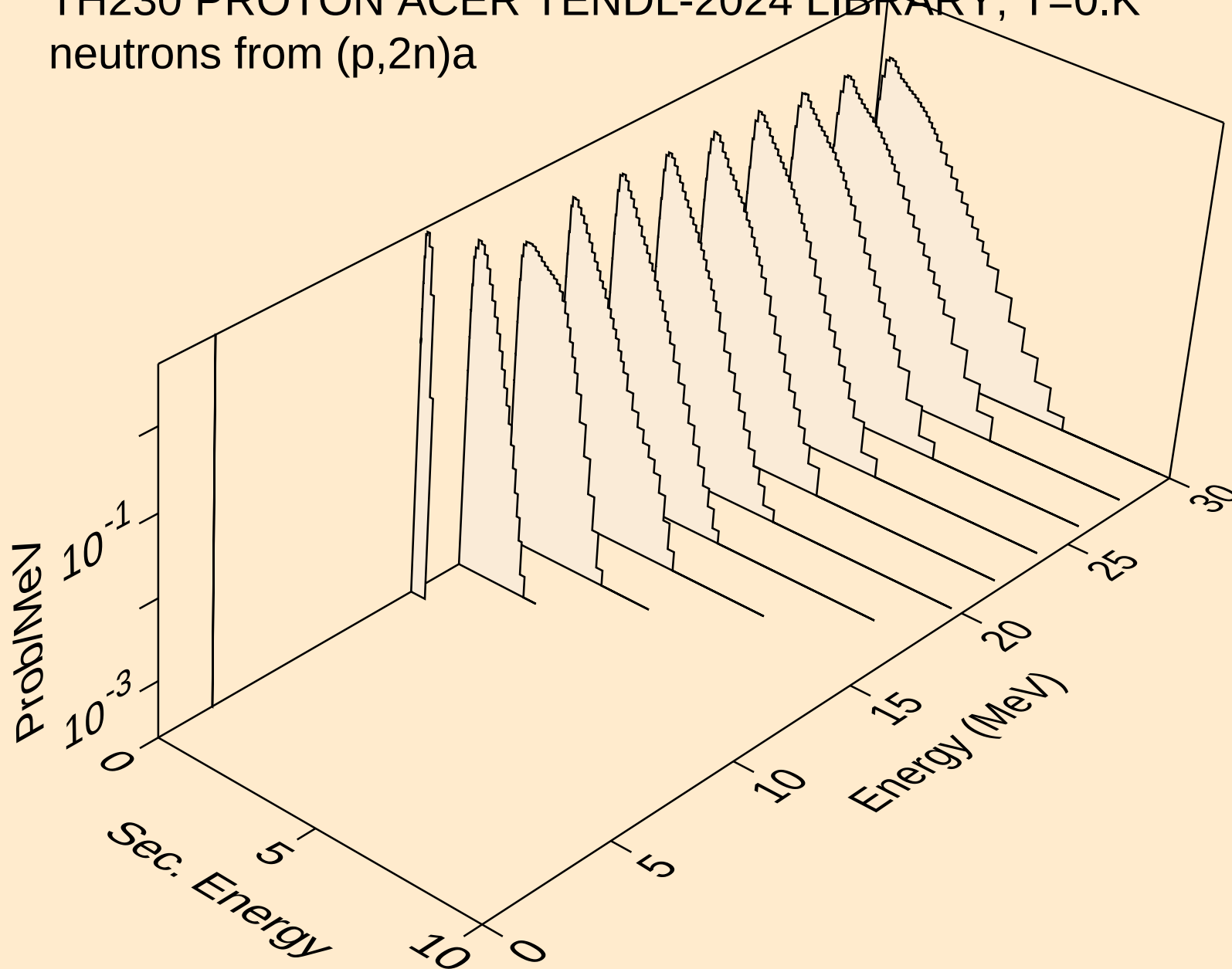
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)



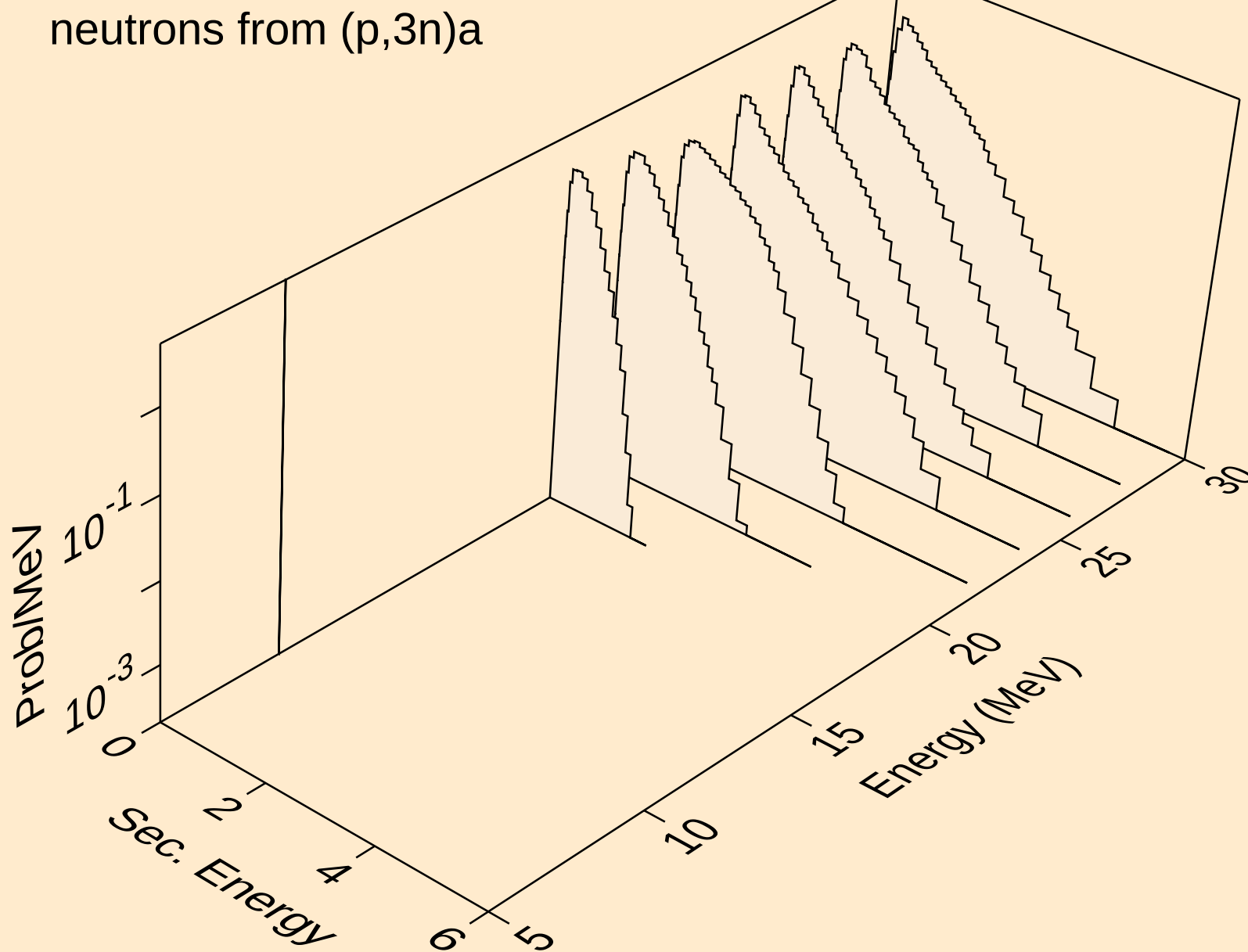
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from $(p,n^*)a$



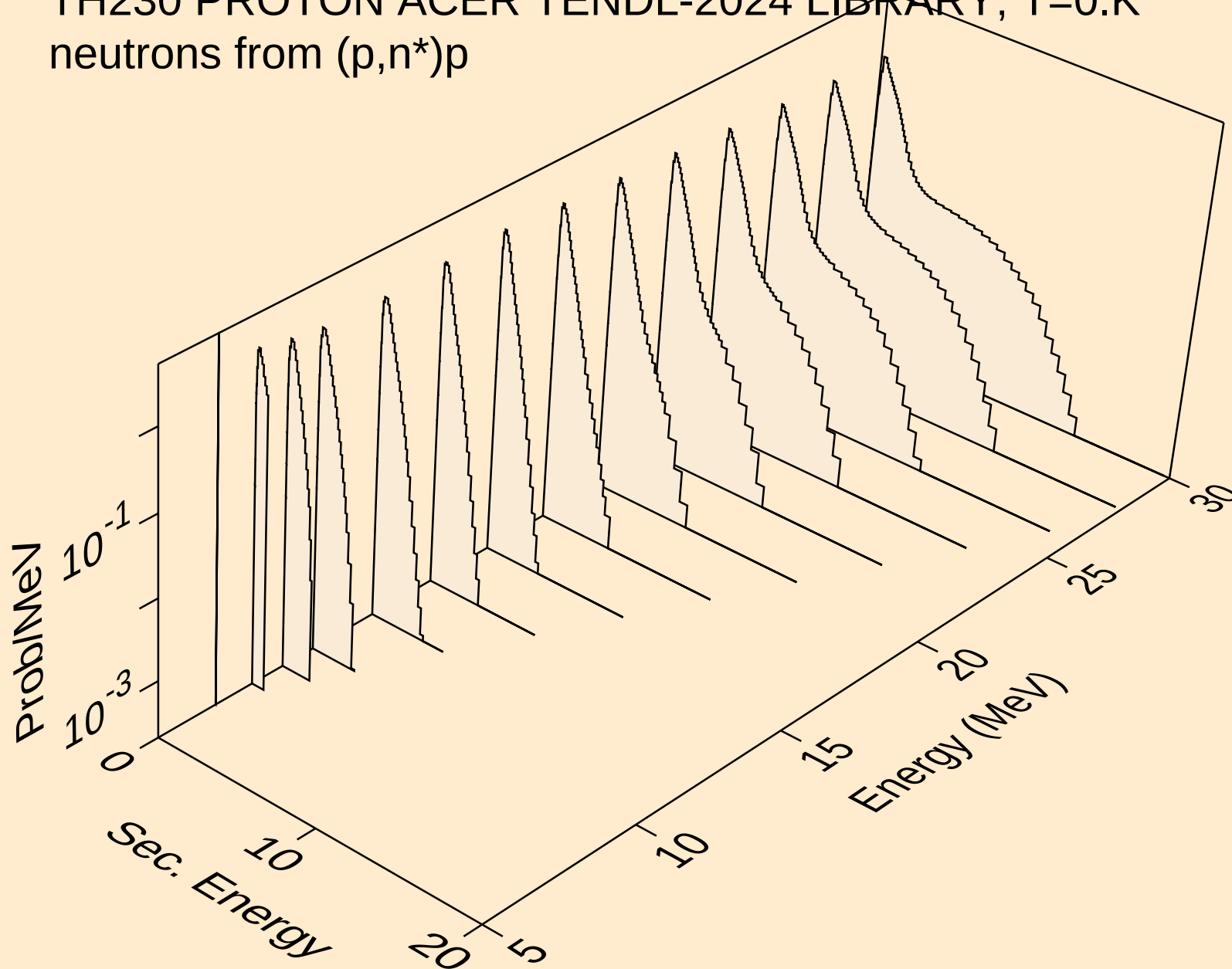
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2n)a



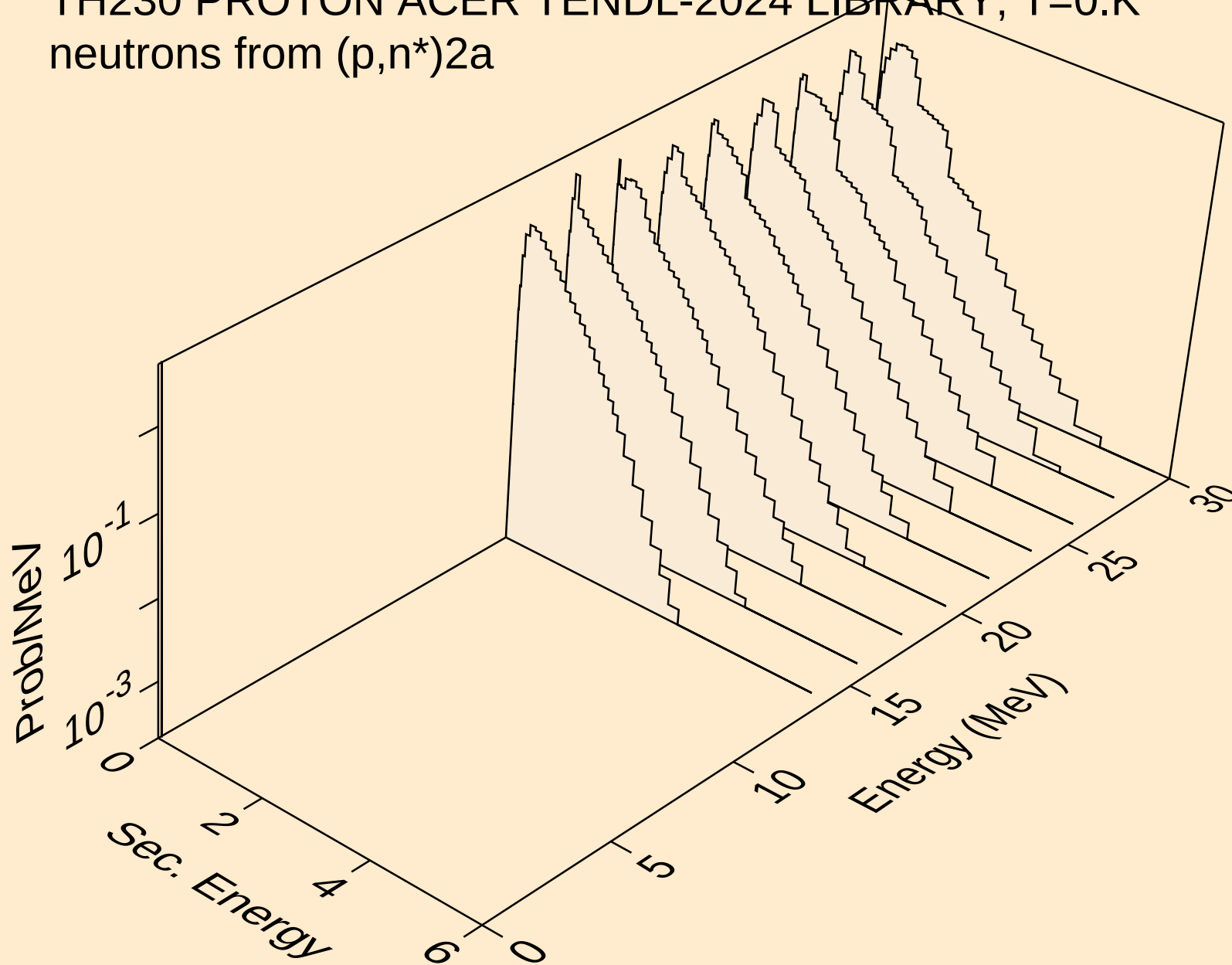
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)a



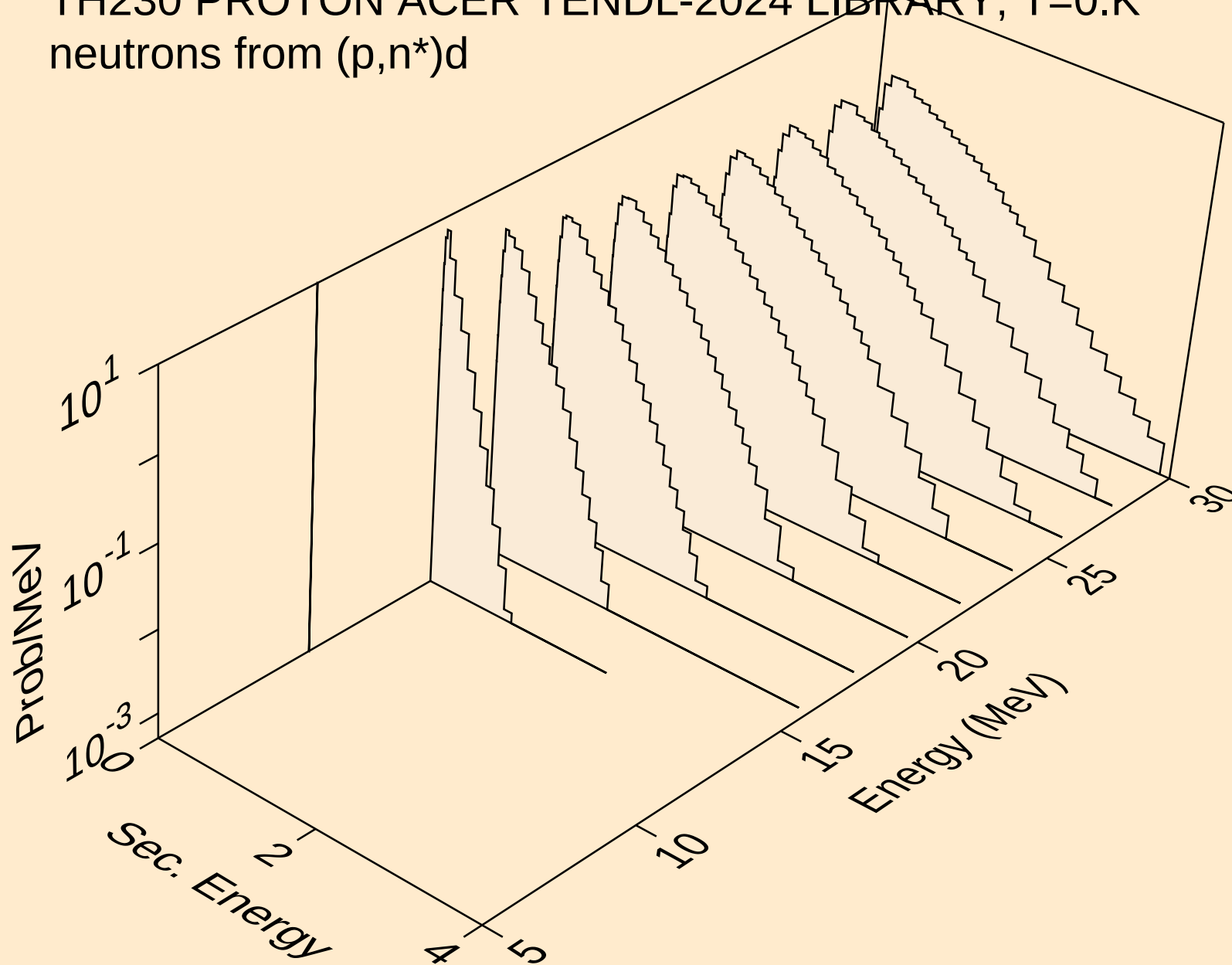
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from $(p,n^*)p$



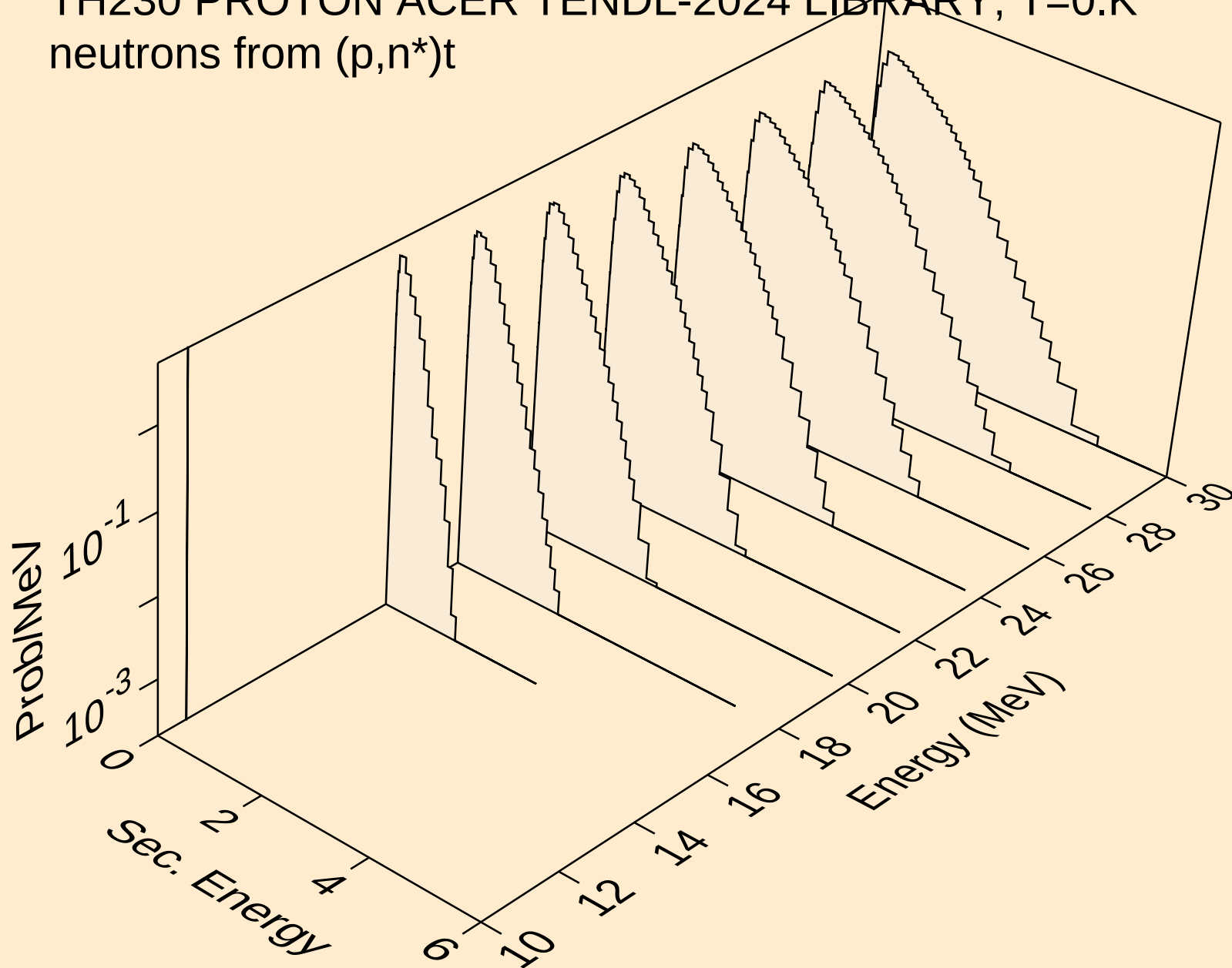
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neutrons from (p,n*)2a



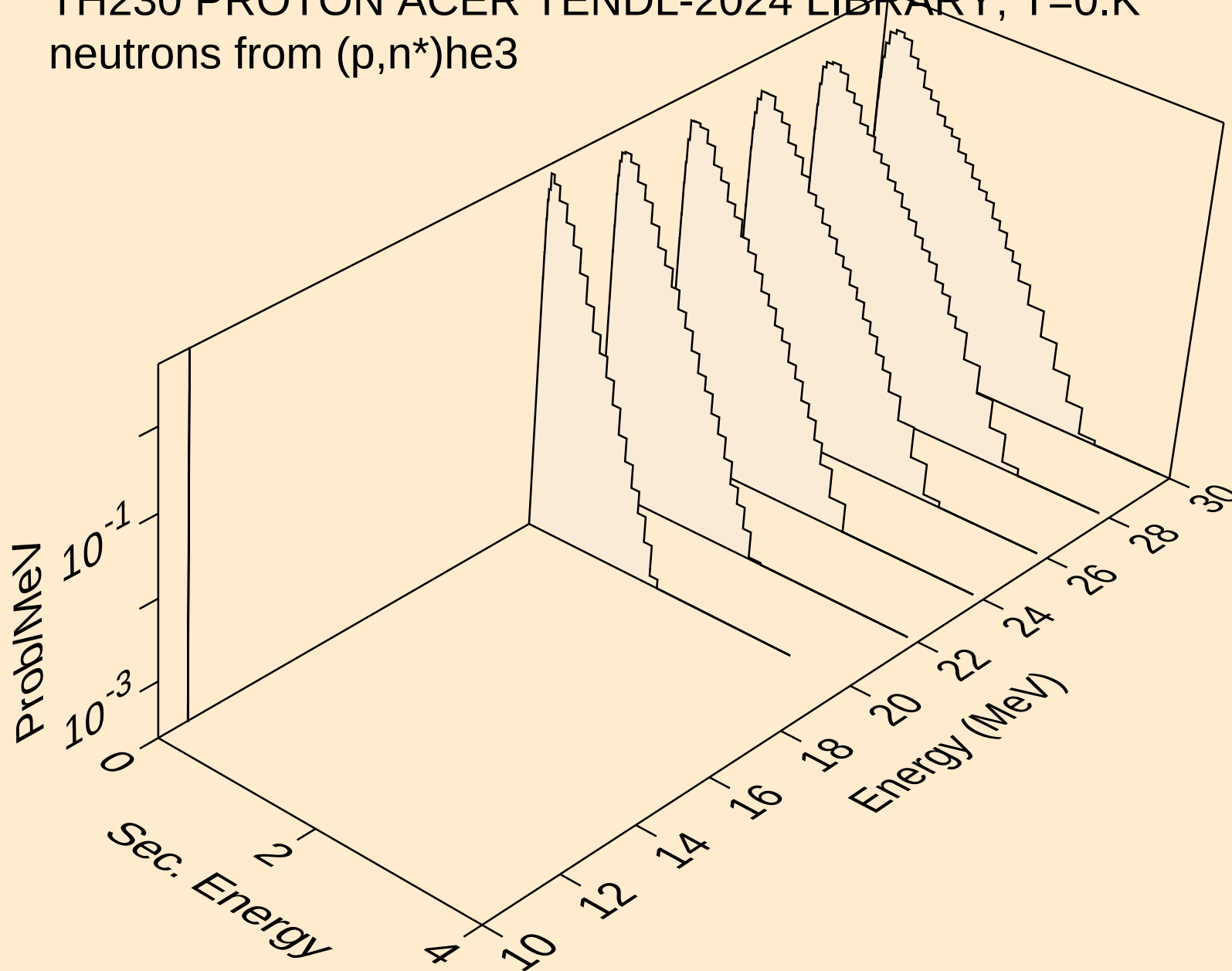
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from $(p,n^*)d$



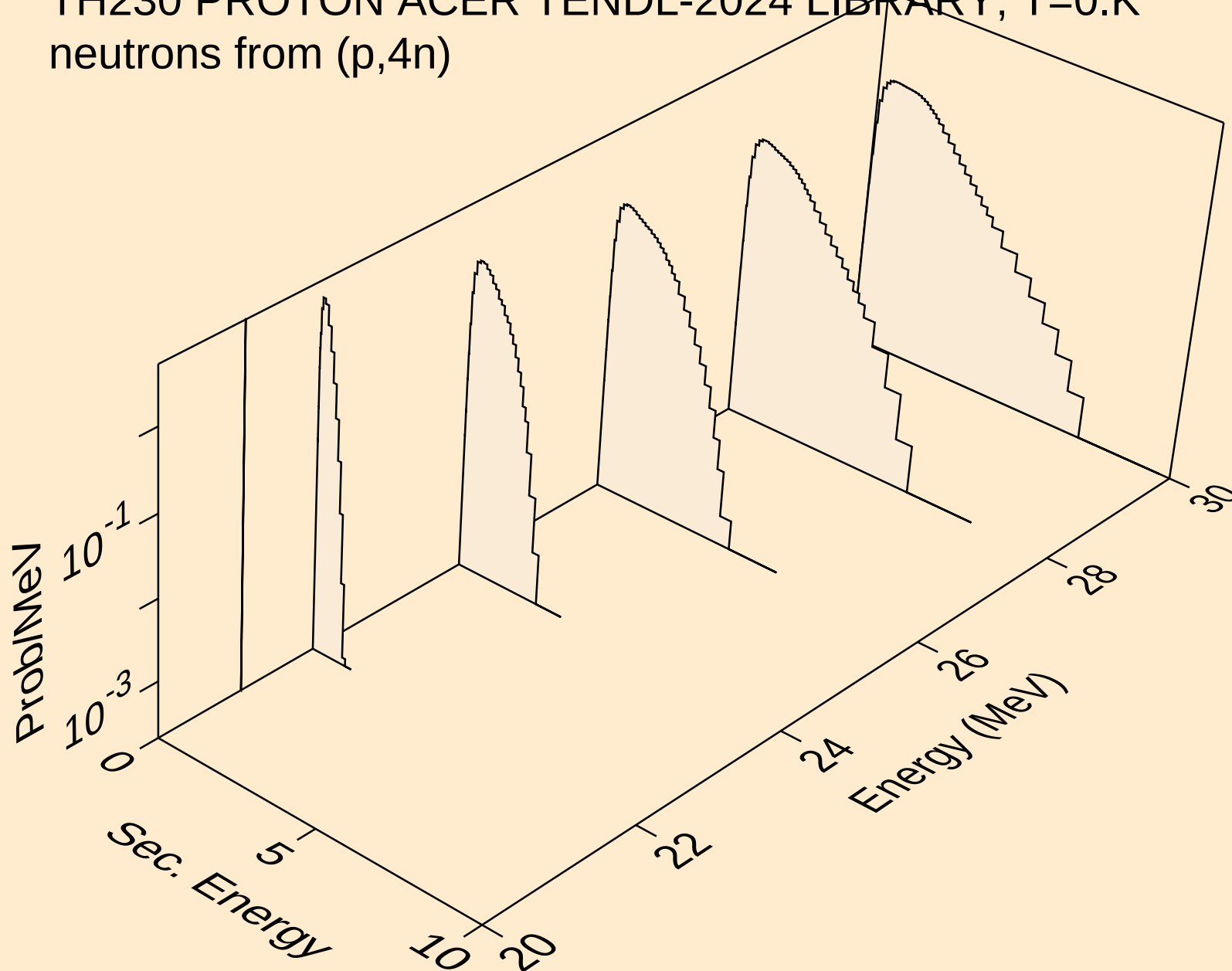
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)t



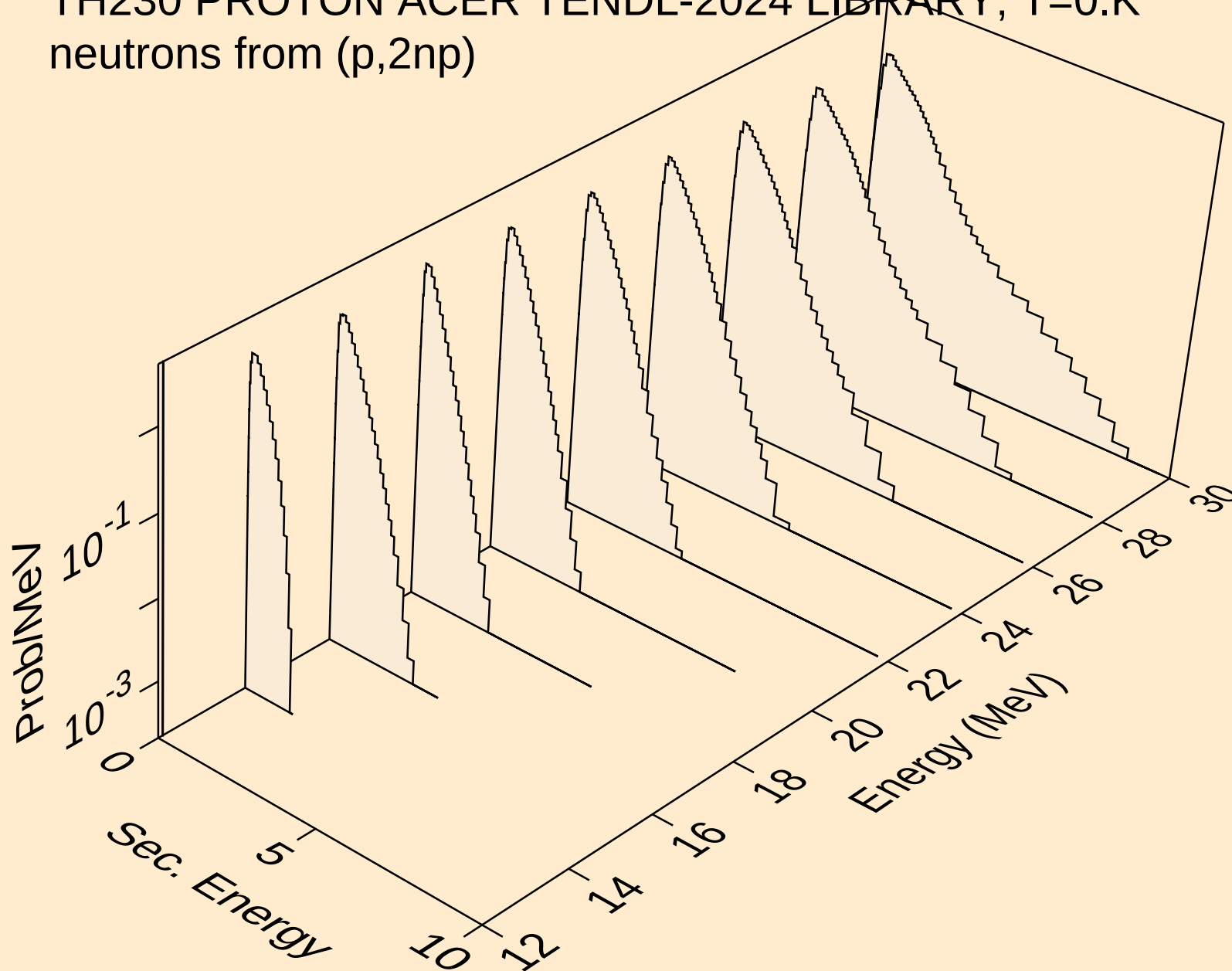
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from $(p,n^*)\text{he3}$



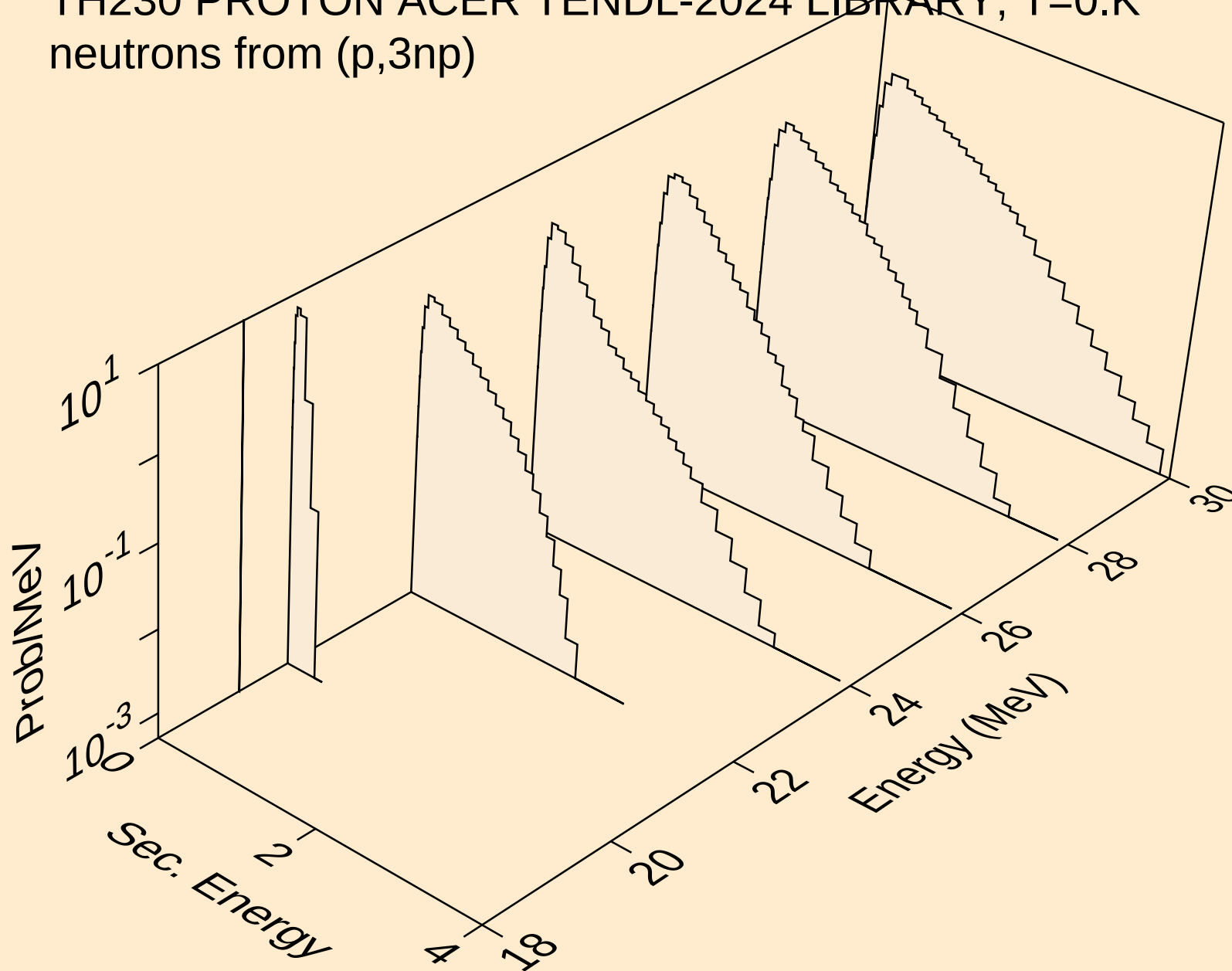
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,4n)



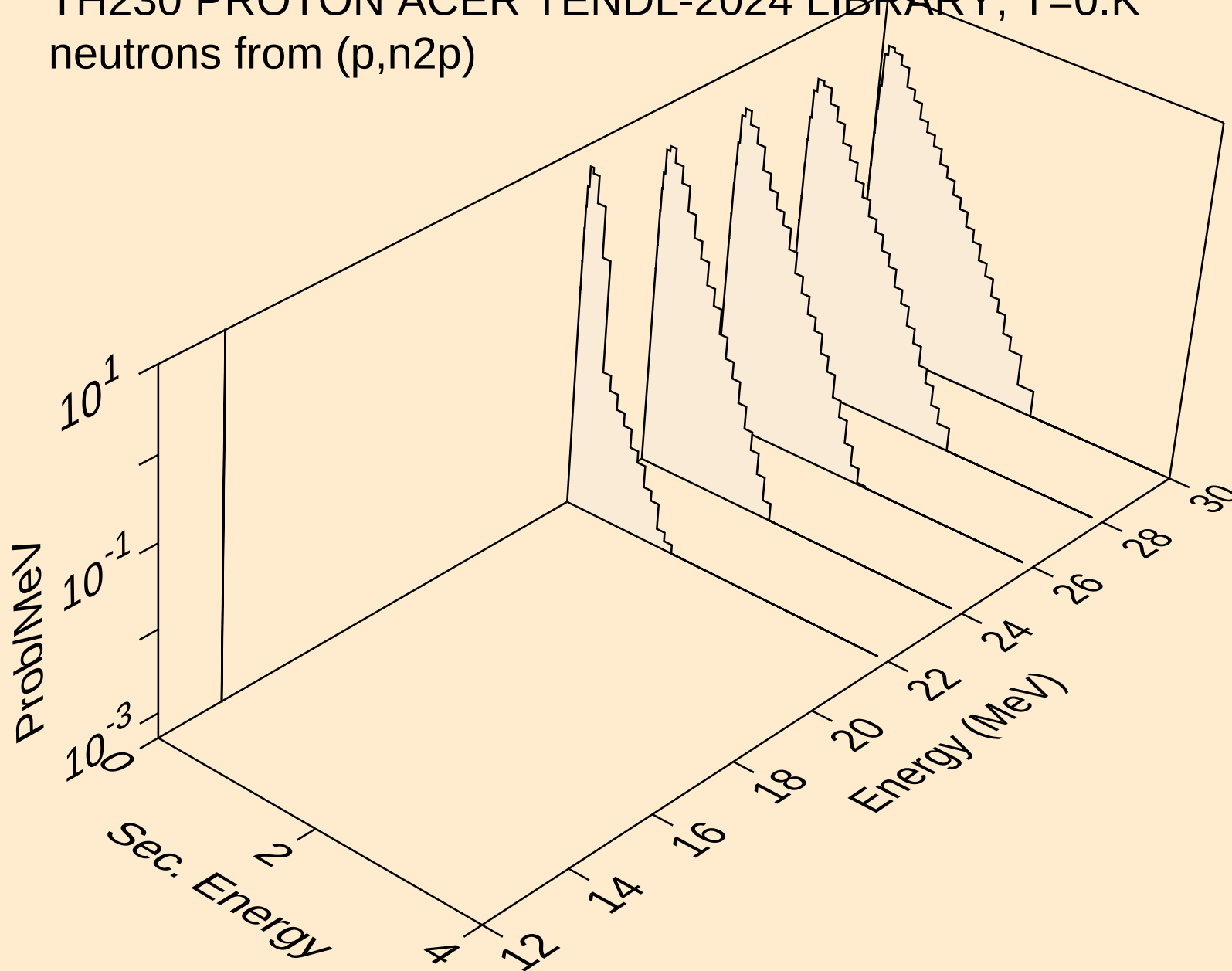
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neutrons from (p,2np)



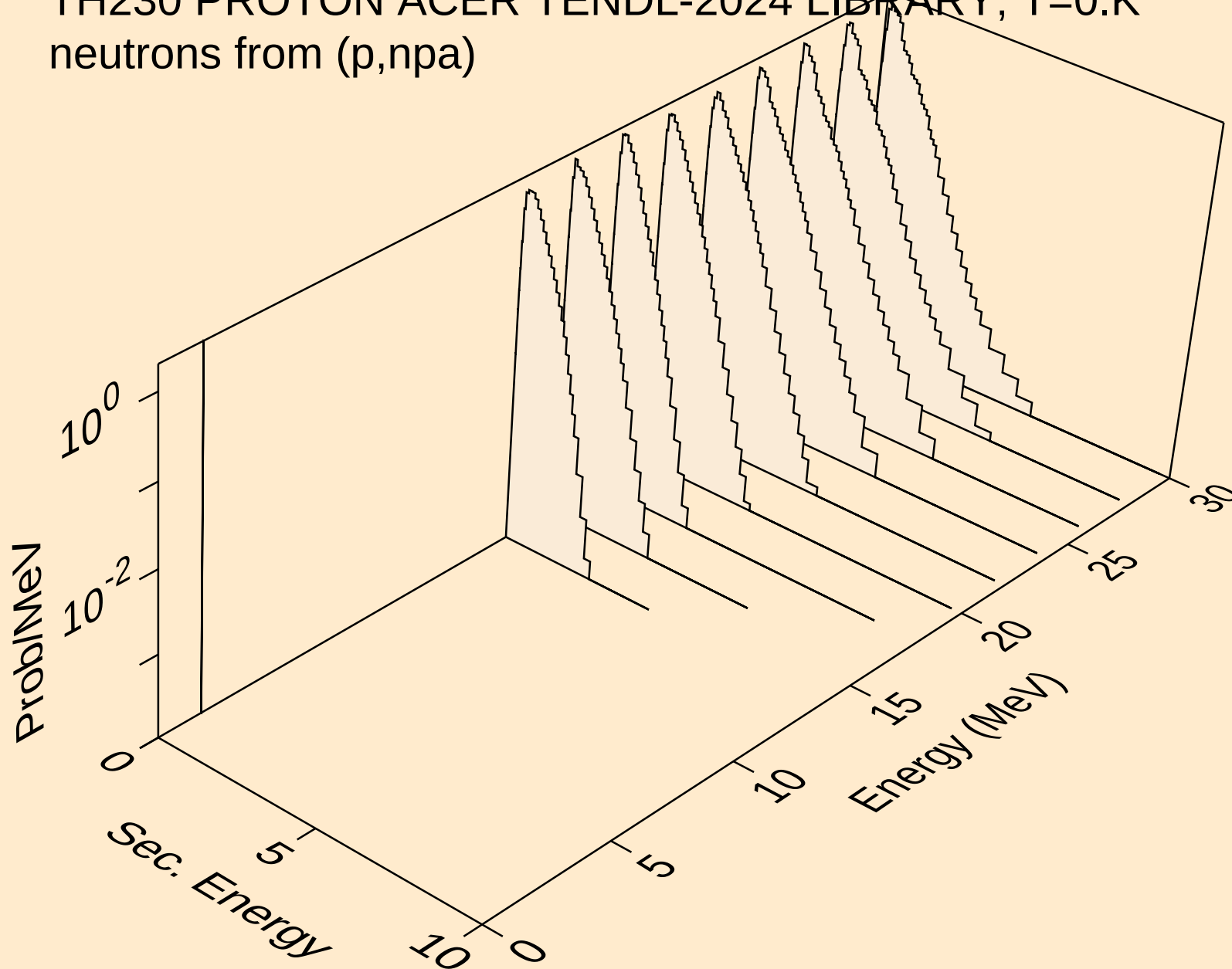
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from (p,3np)



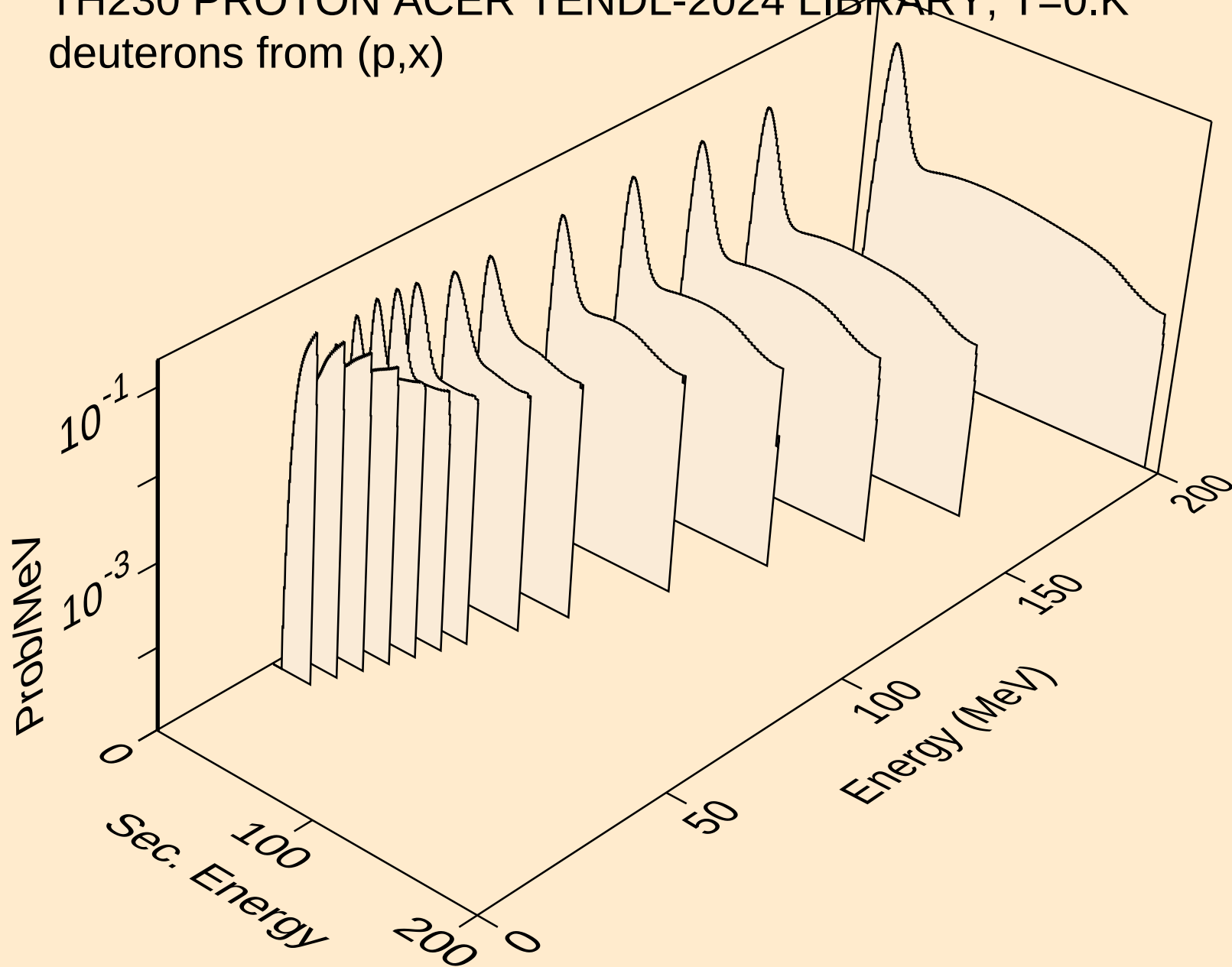
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n2p)



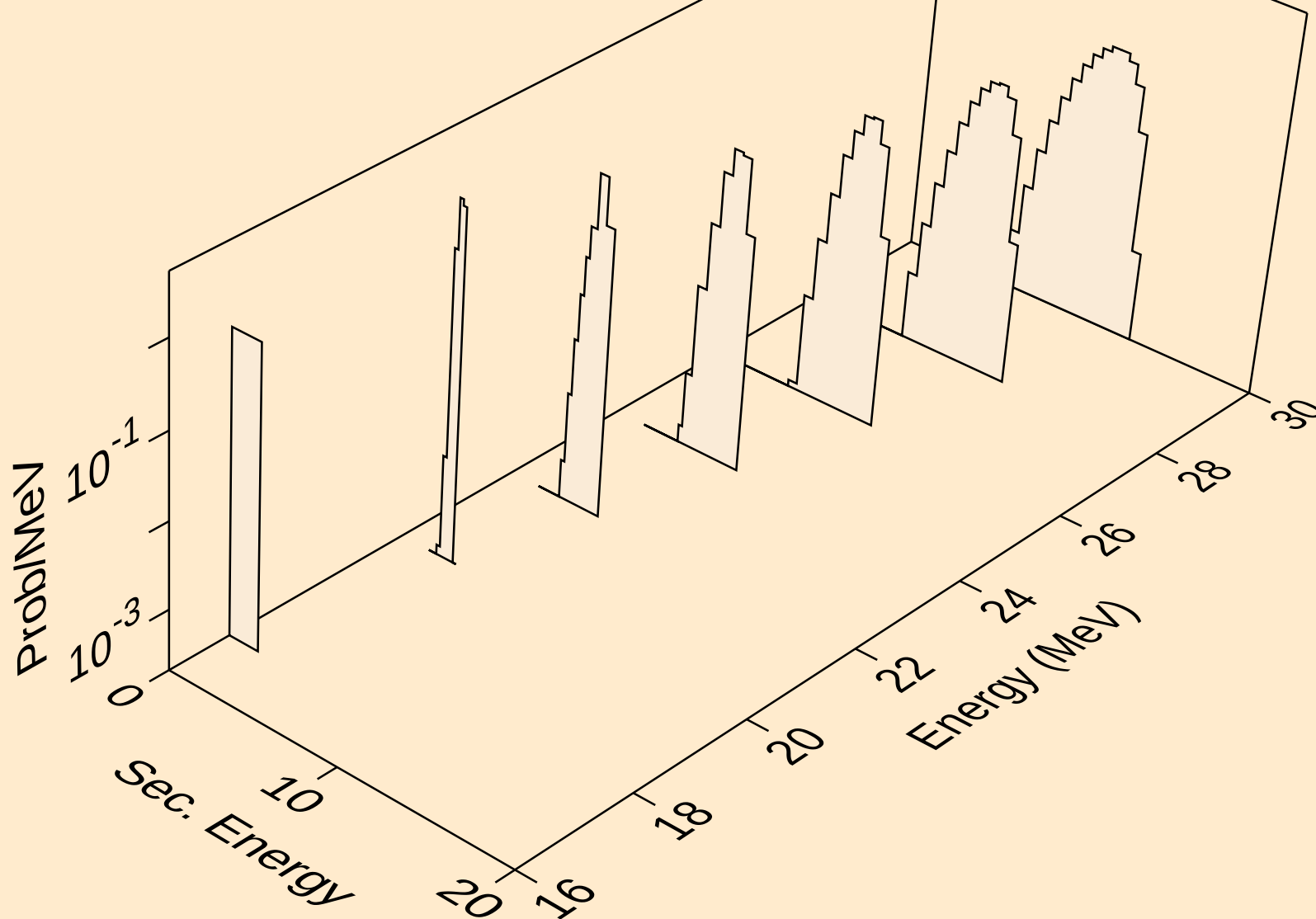
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,npa)



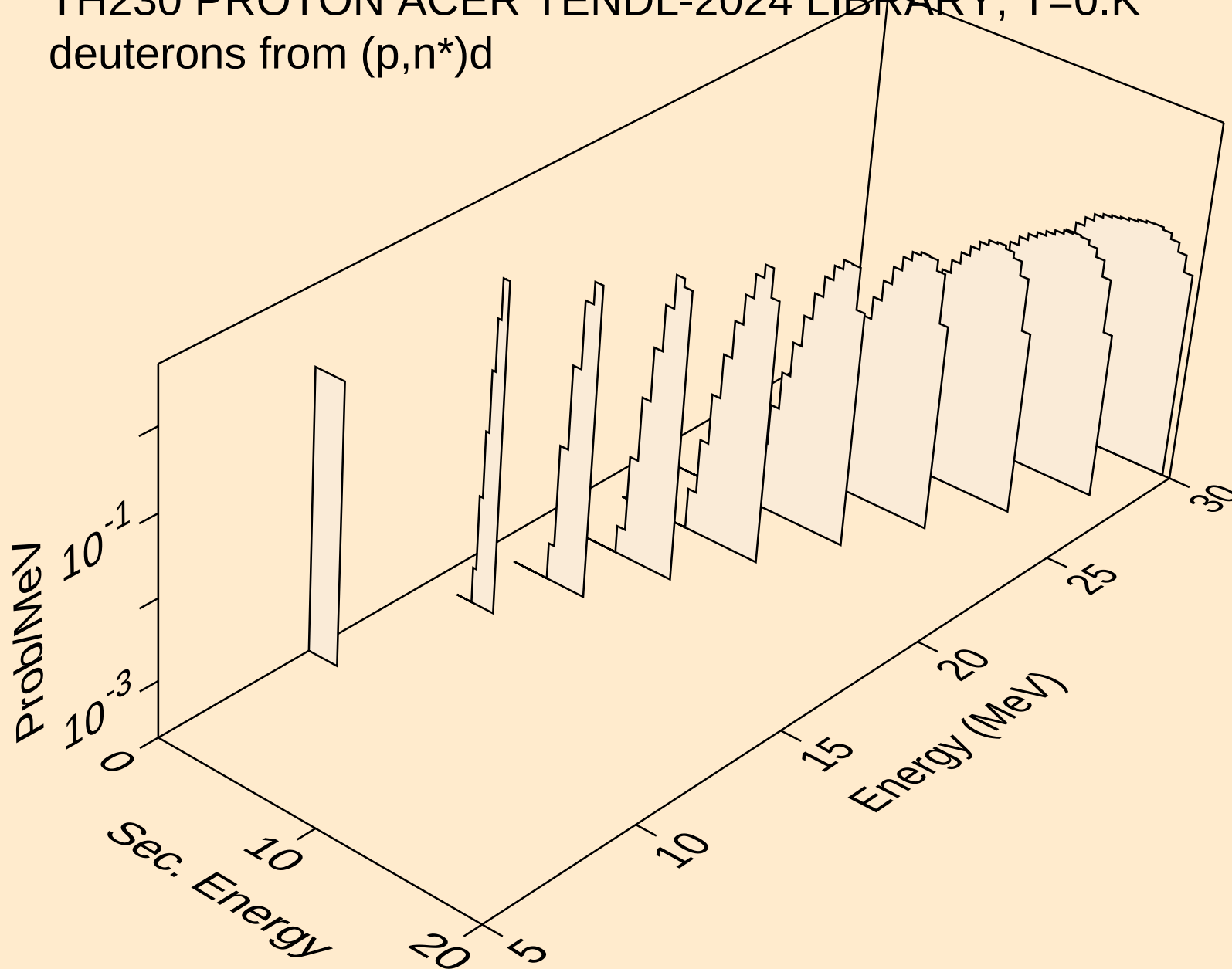
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,x)



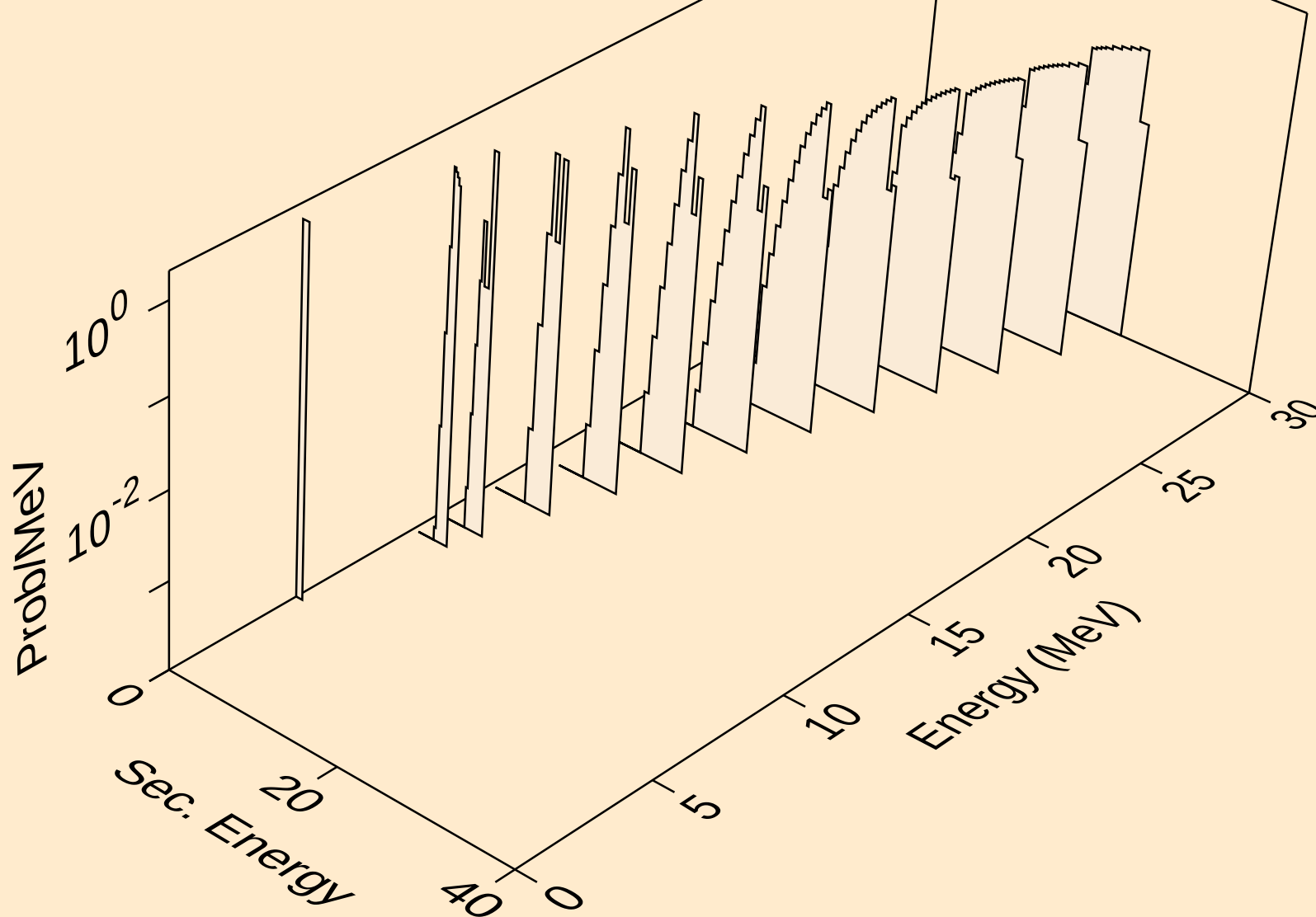
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,2nd)



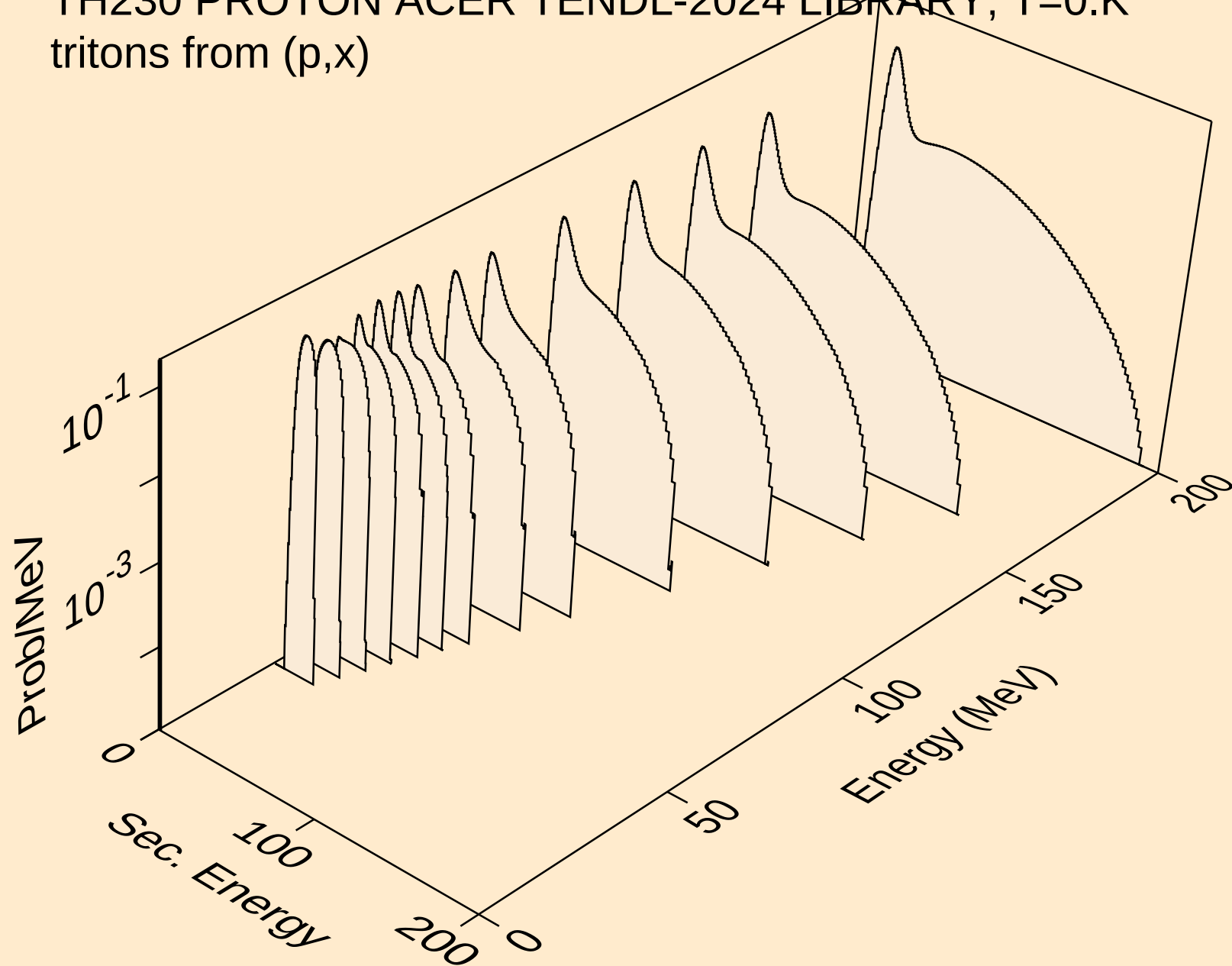
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,n*)d



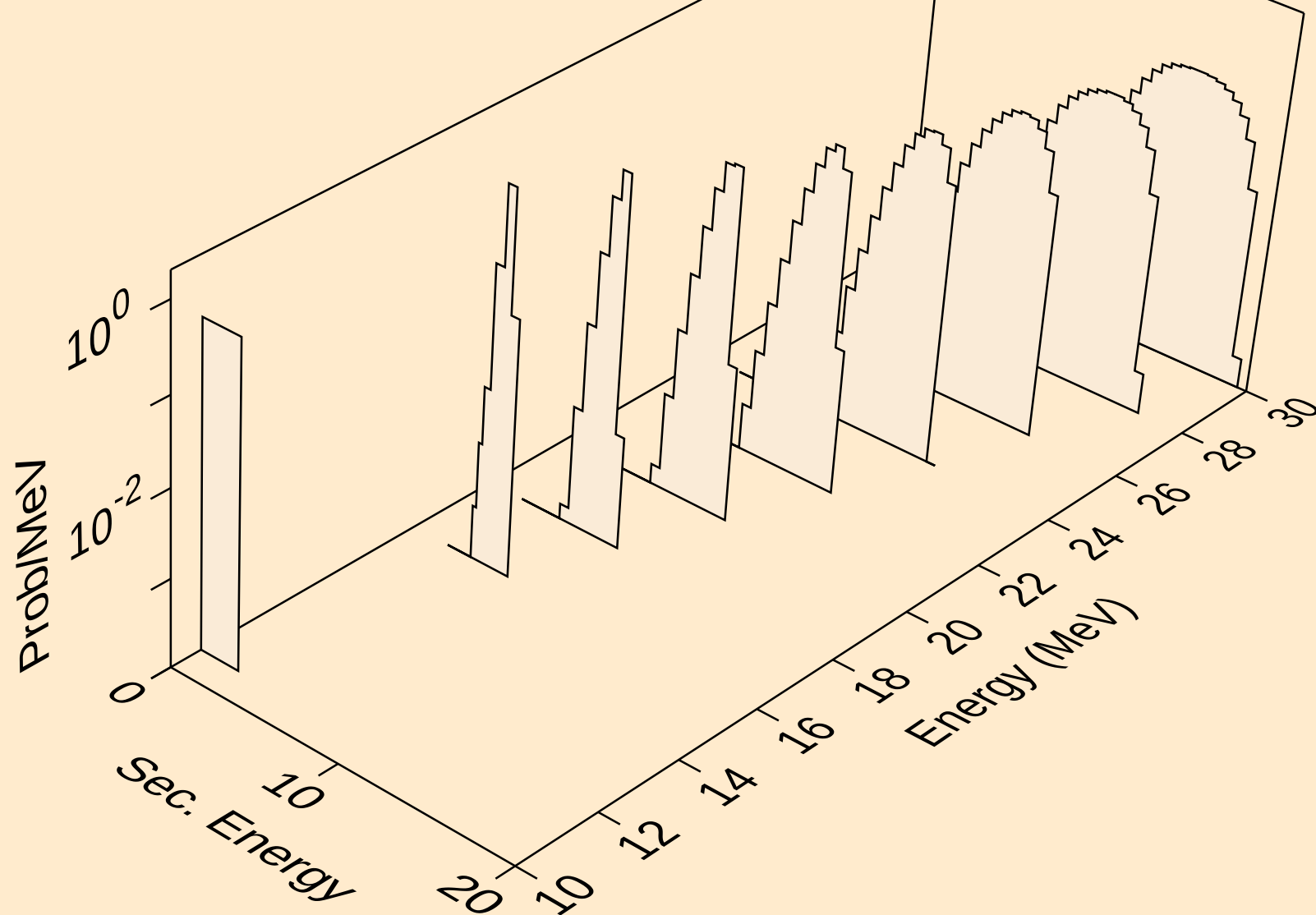
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,d)



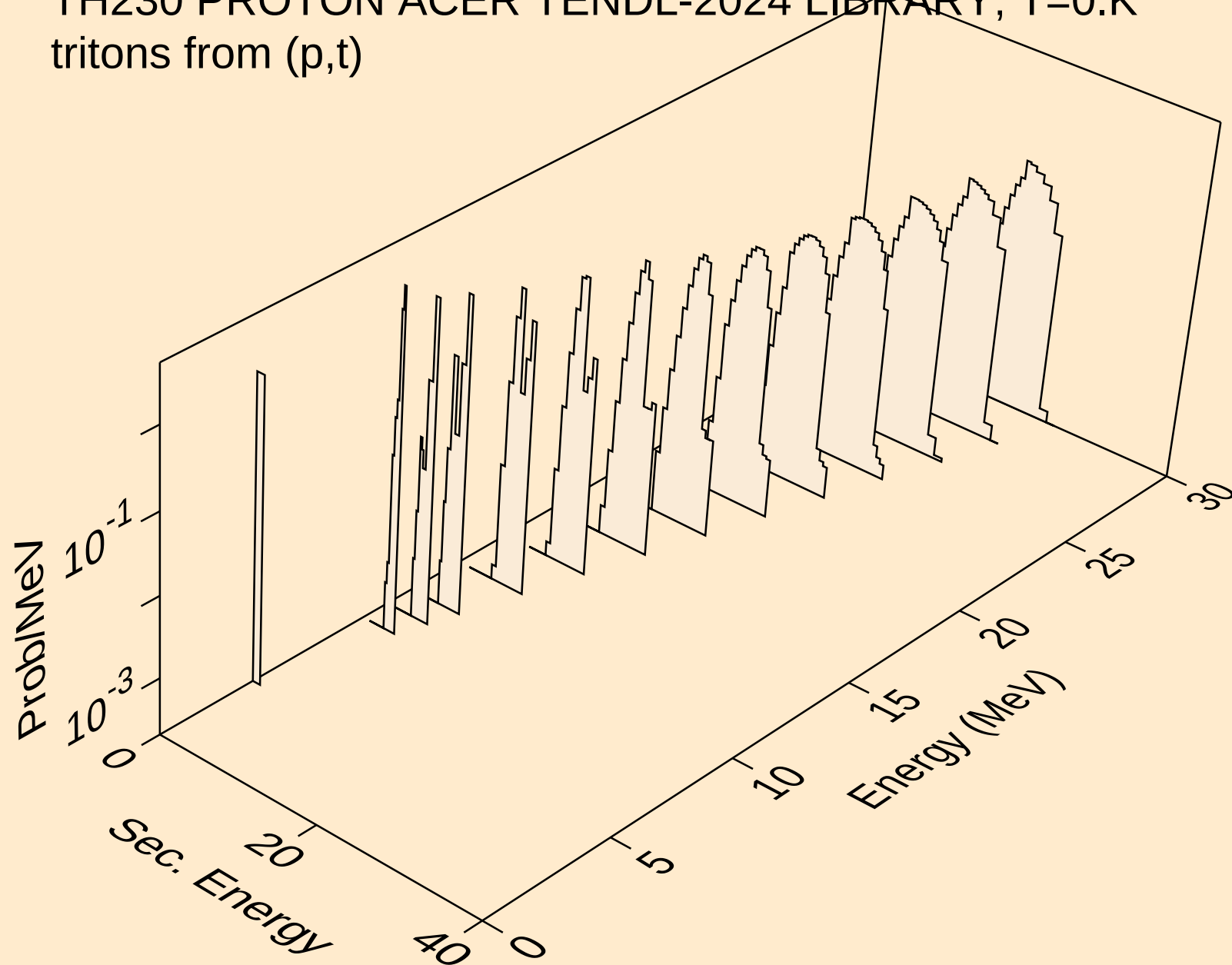
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,x)



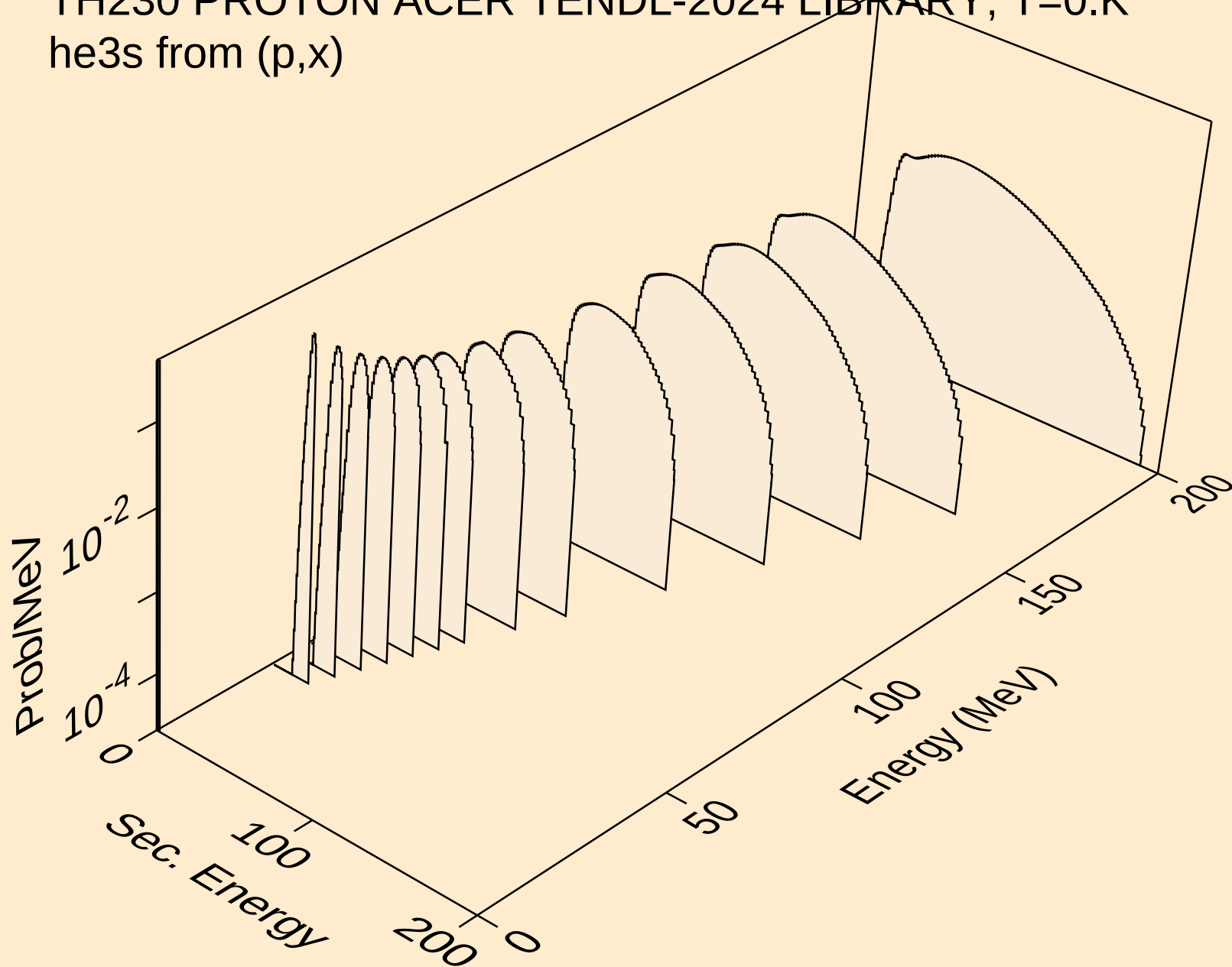
TH230 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
tritons from $(p,n^*)t$



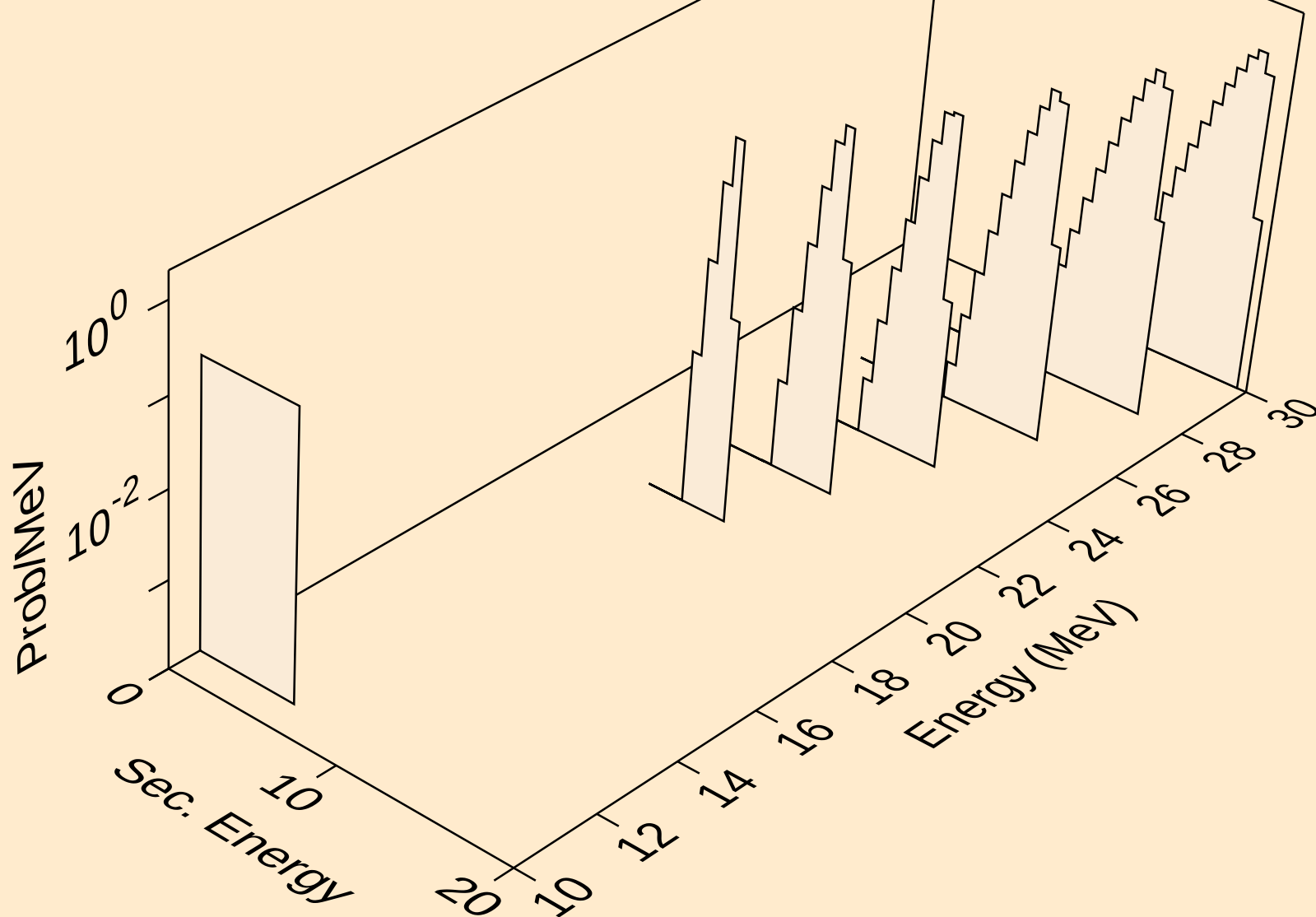
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,t)



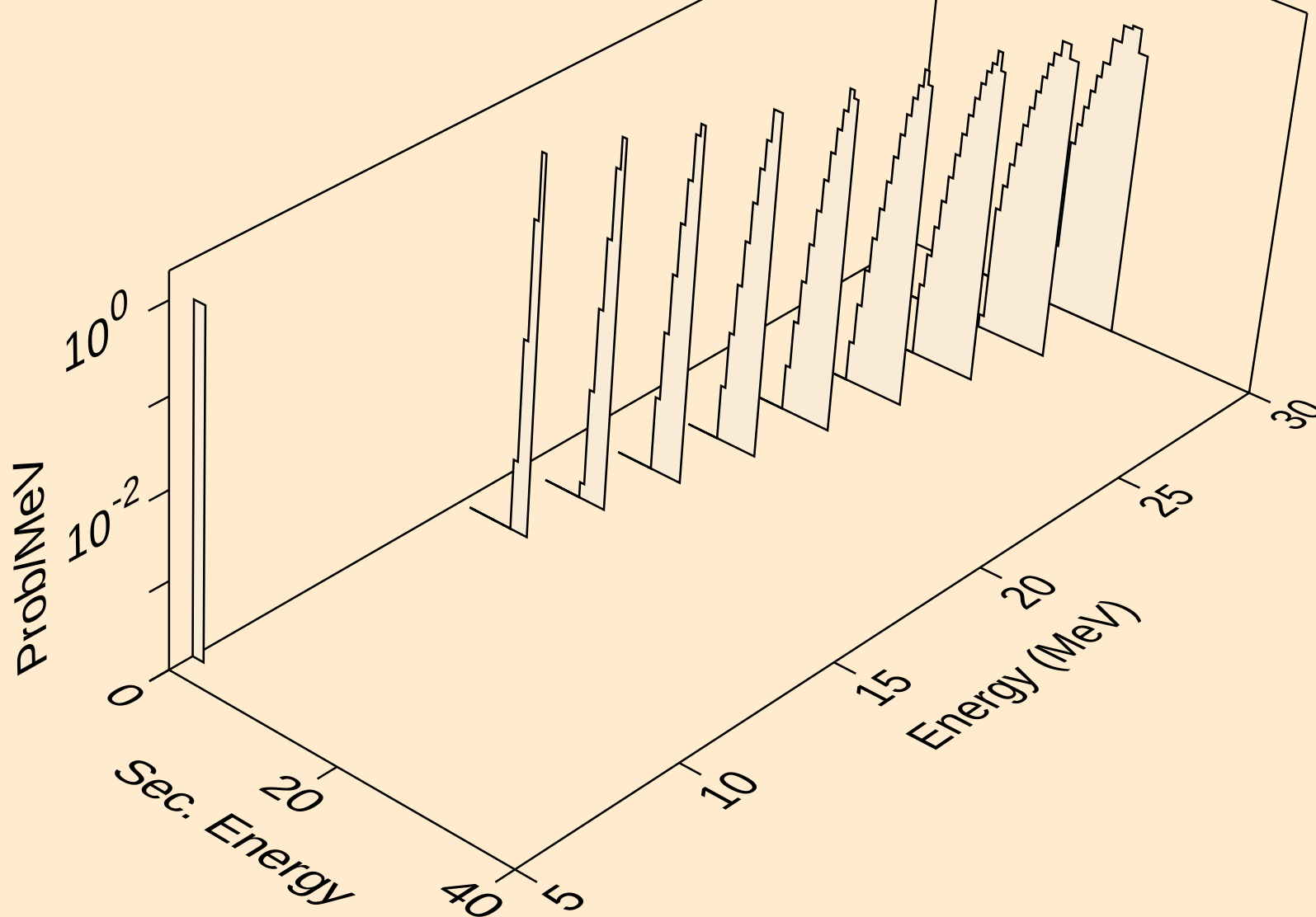
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,x)



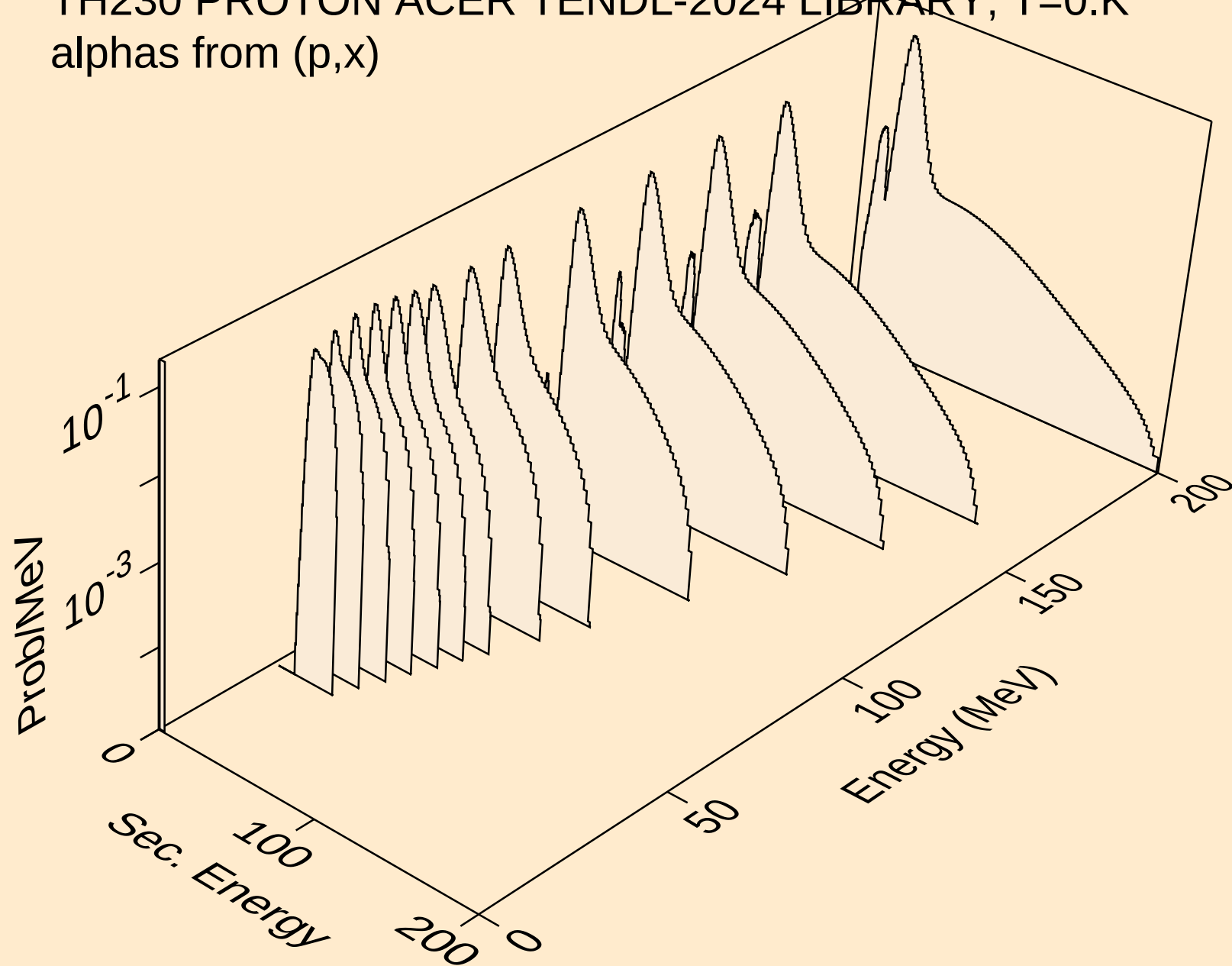
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,n*)he3



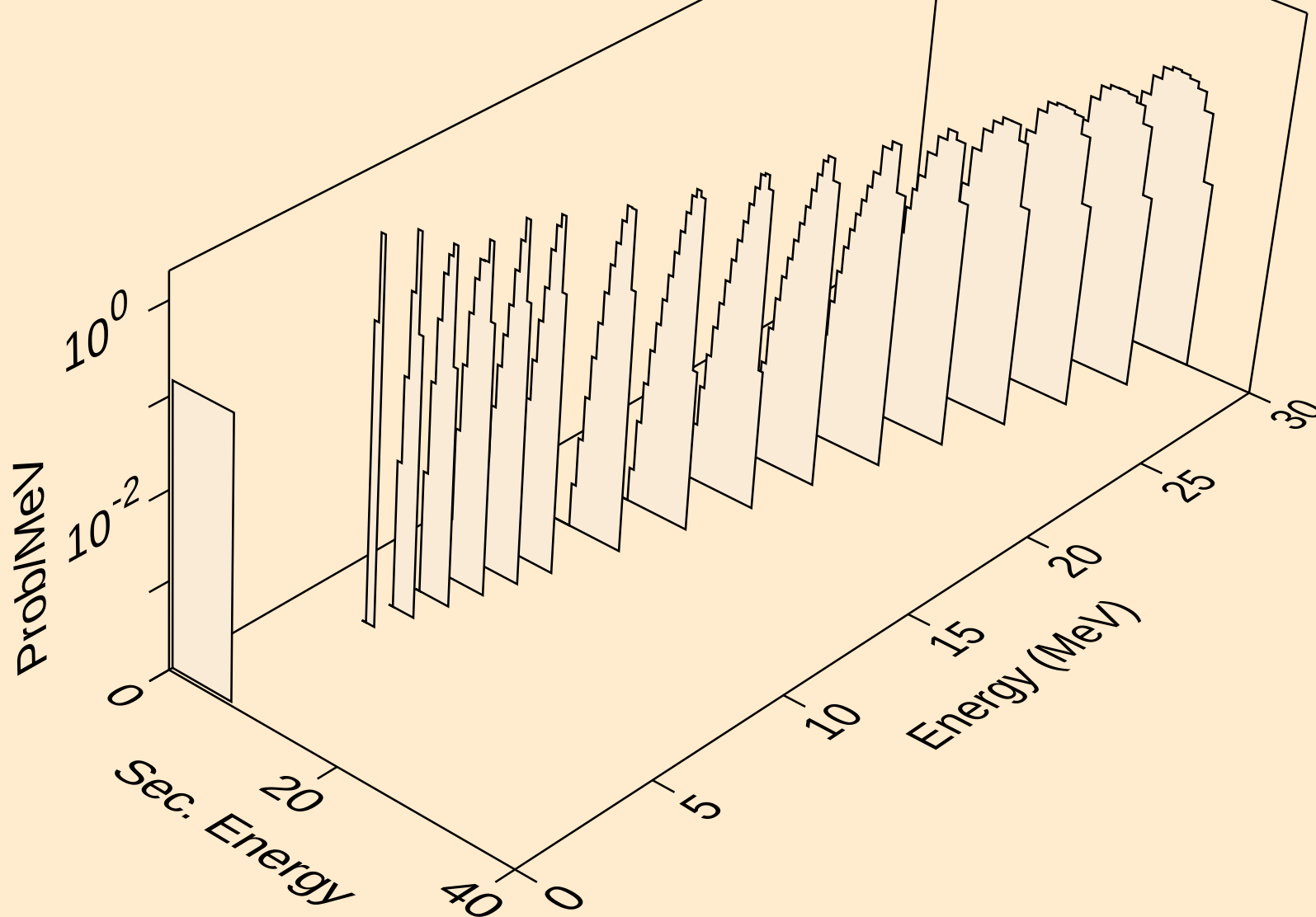
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,he3)



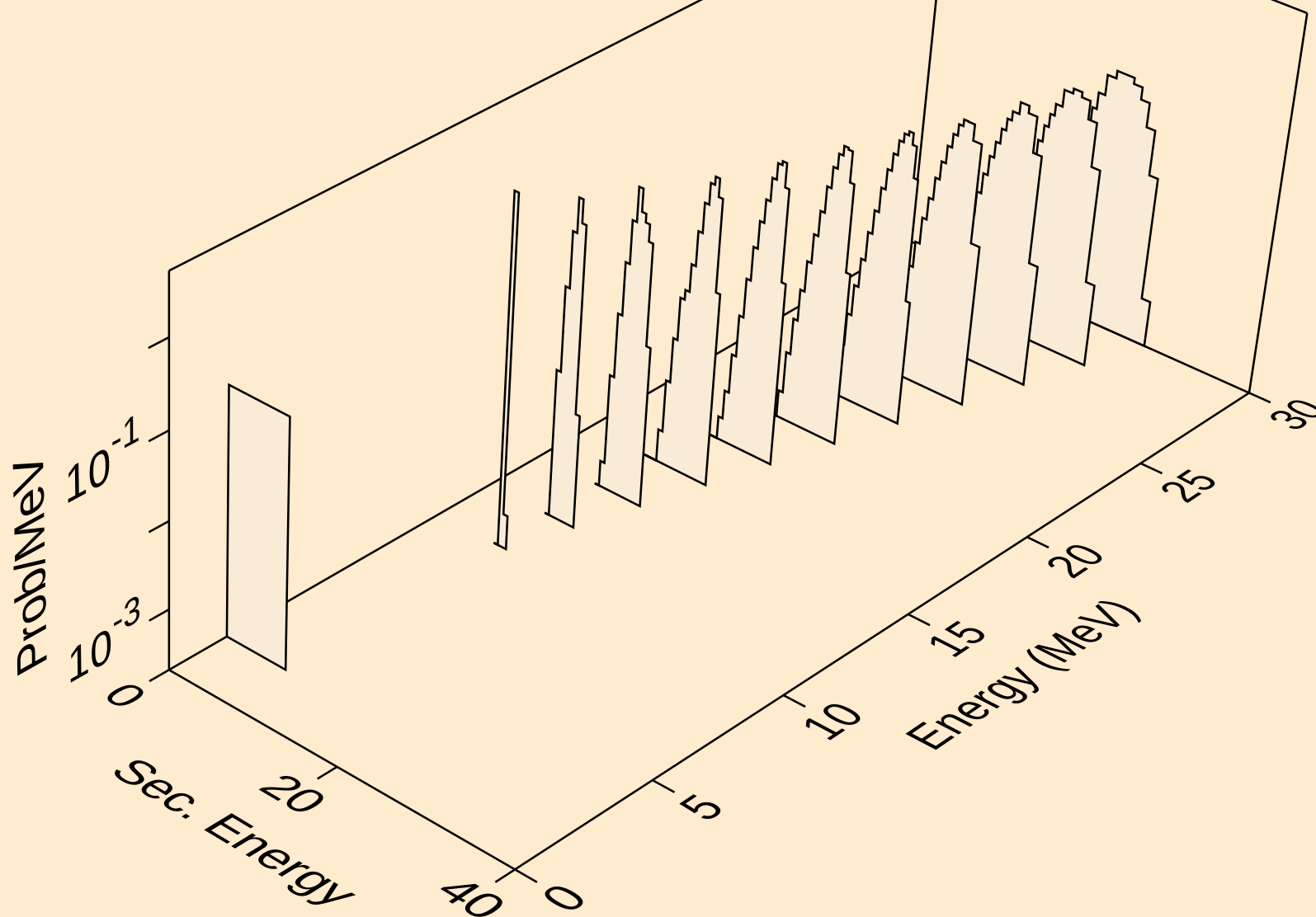
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,x)



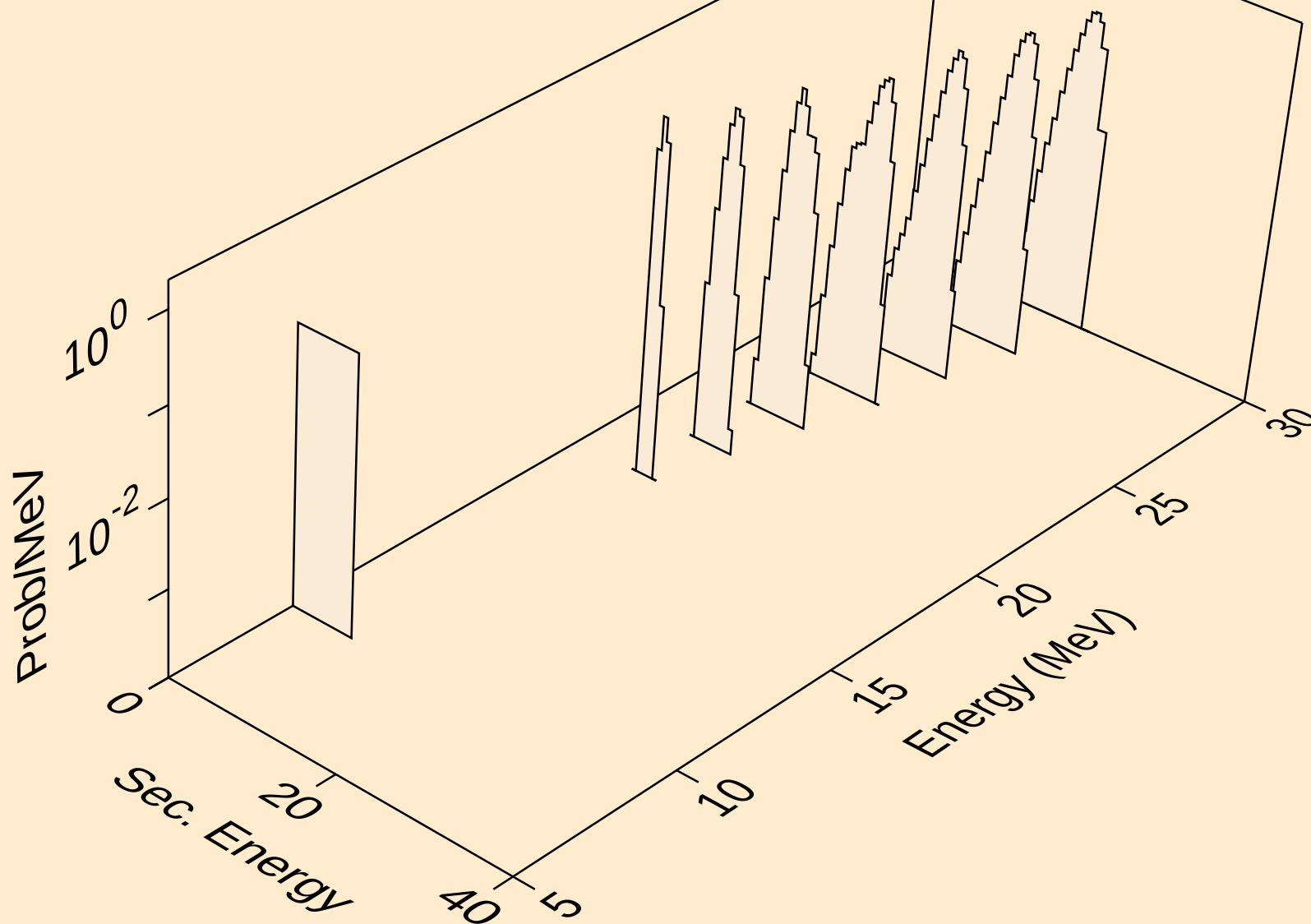
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)a



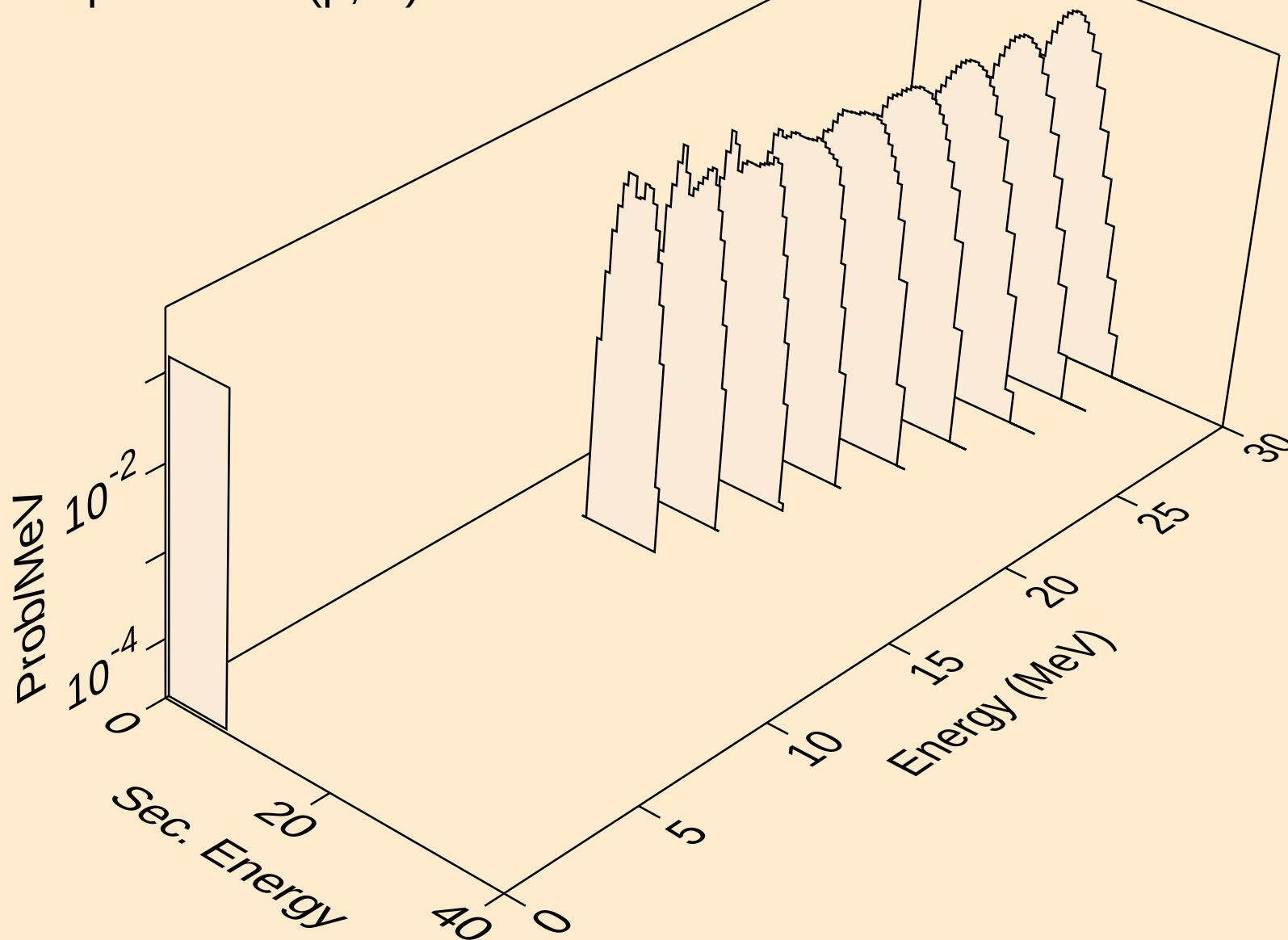
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2n)a



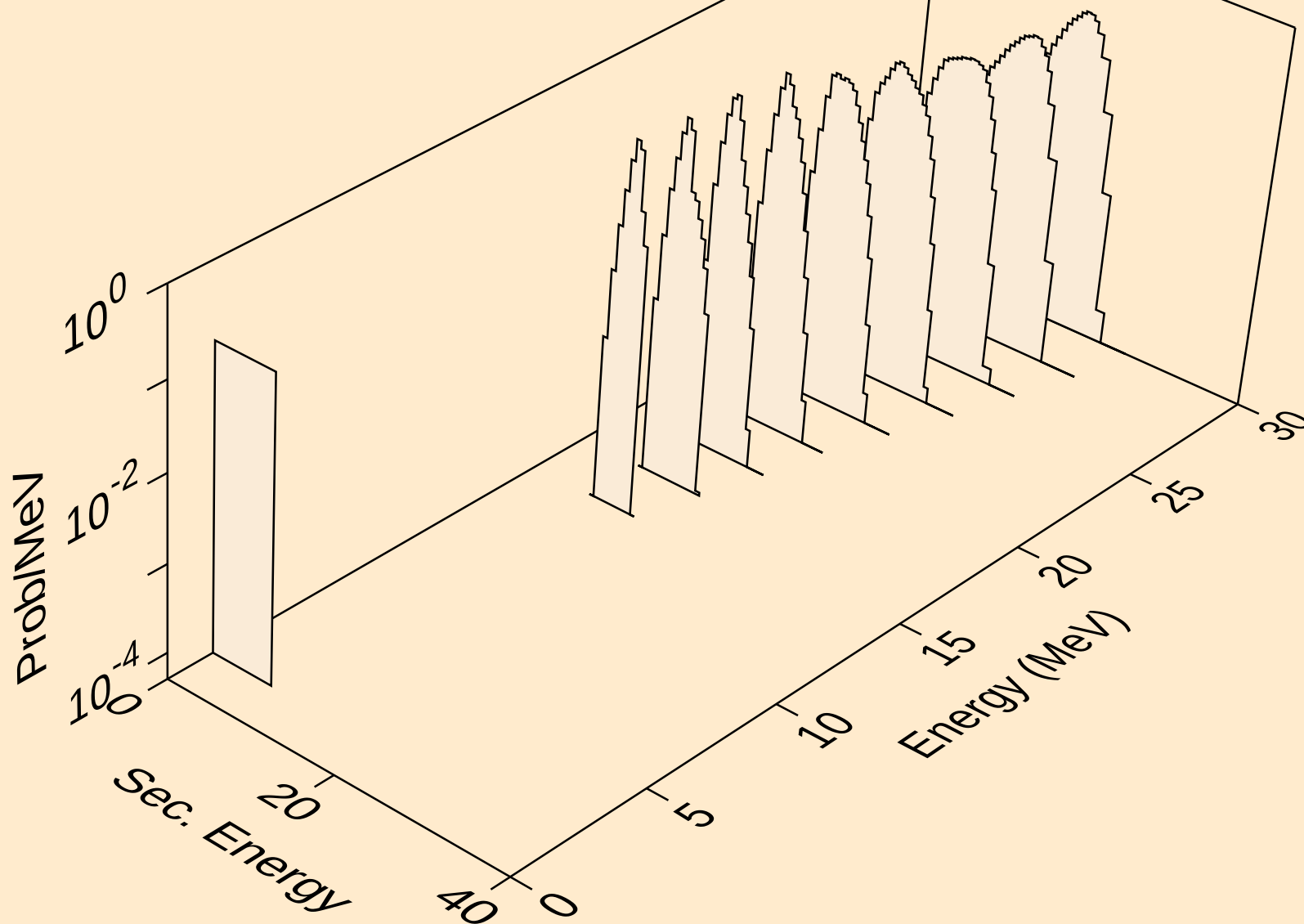
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,3n)a



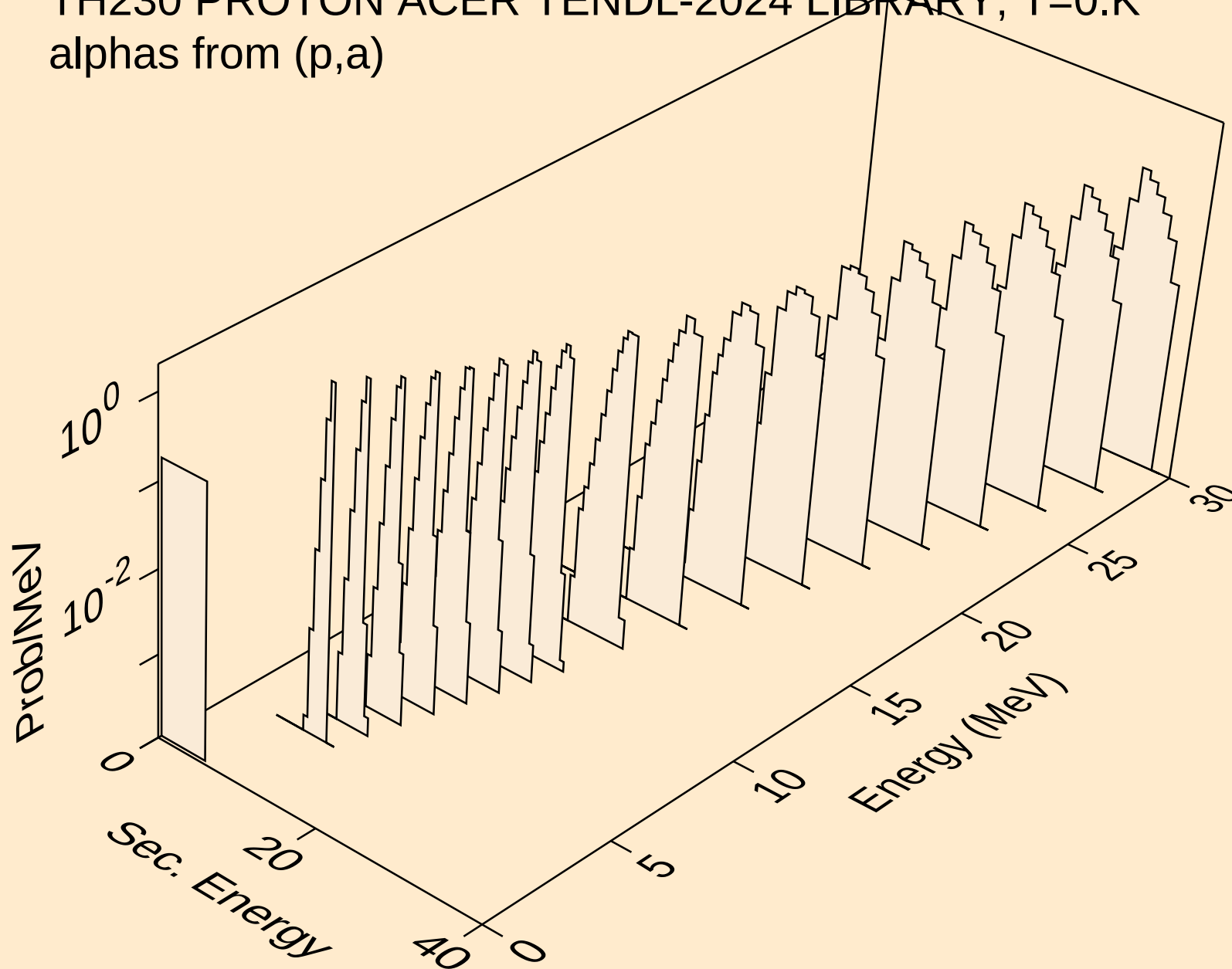
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)2a



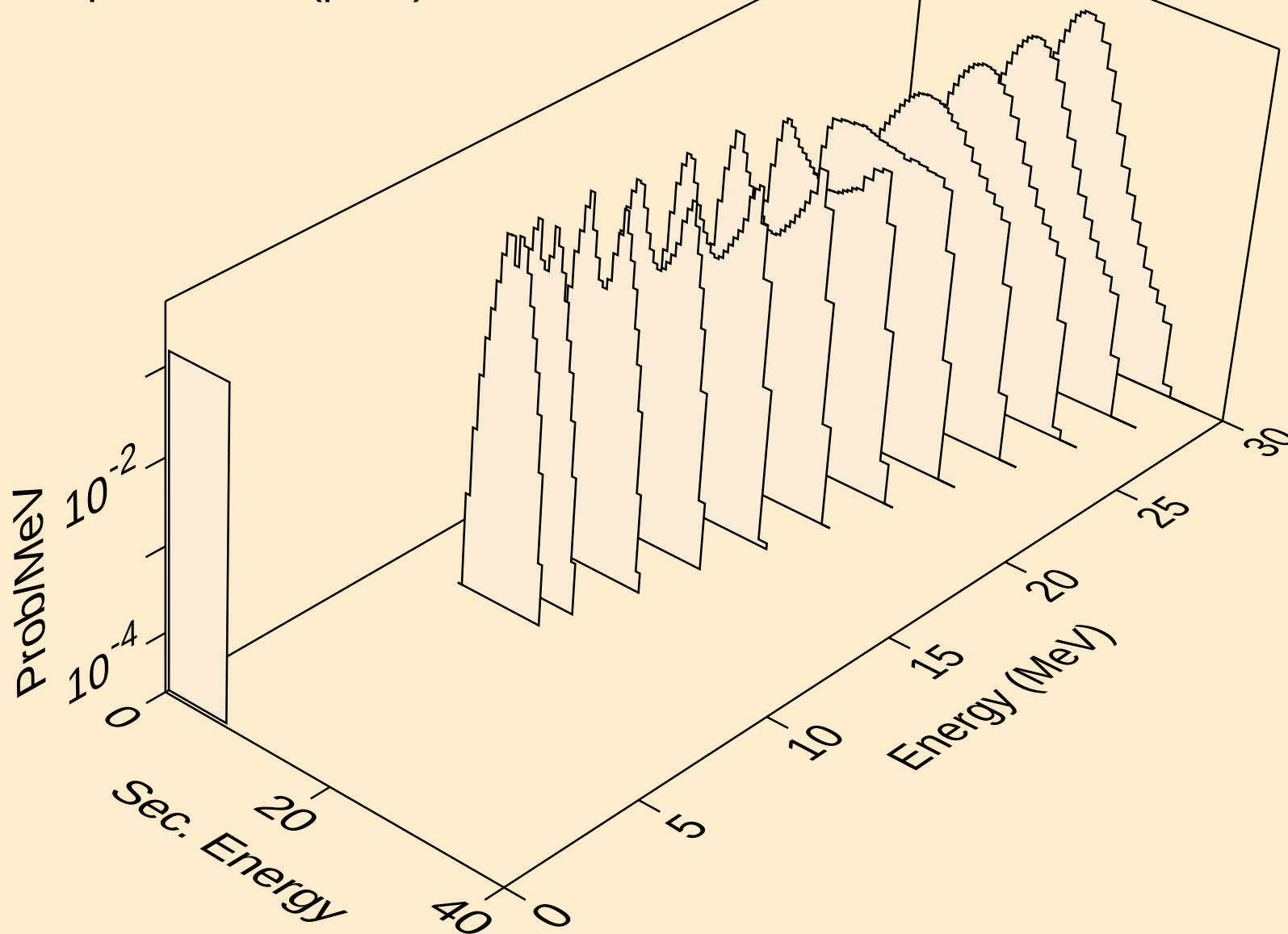
TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,npa)



TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,a)



TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2a)



TH230 PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,pa)

