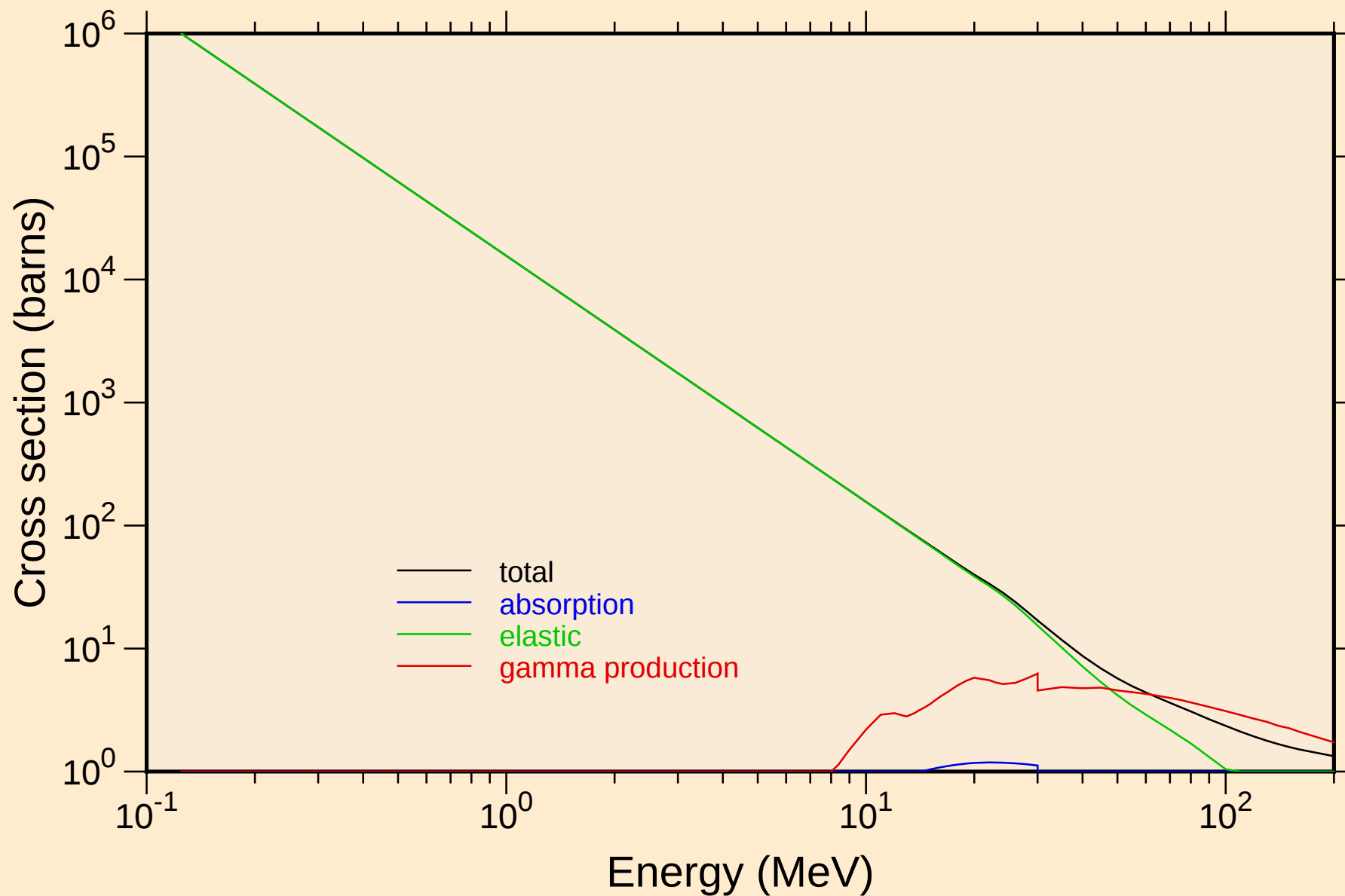


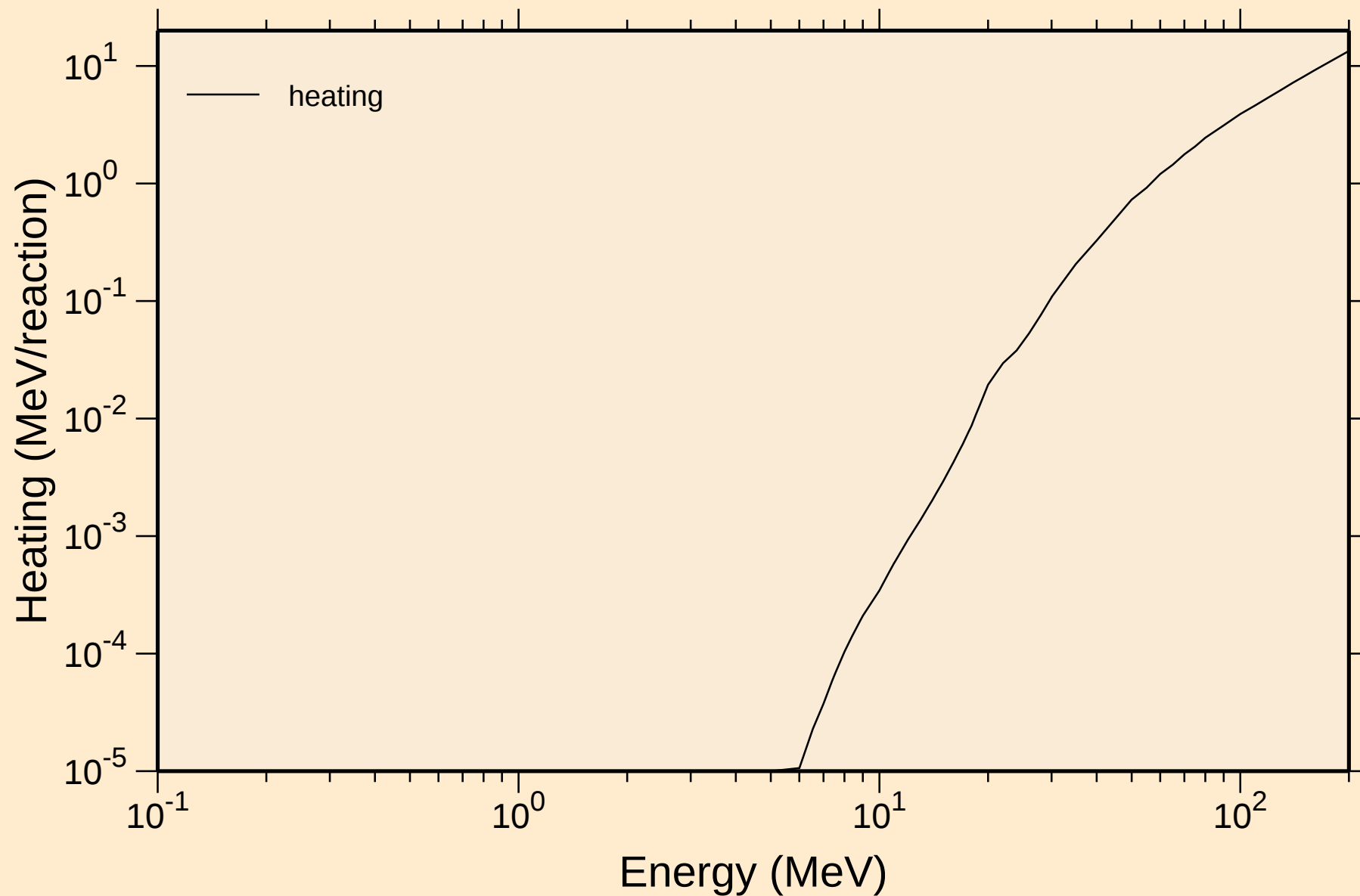
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



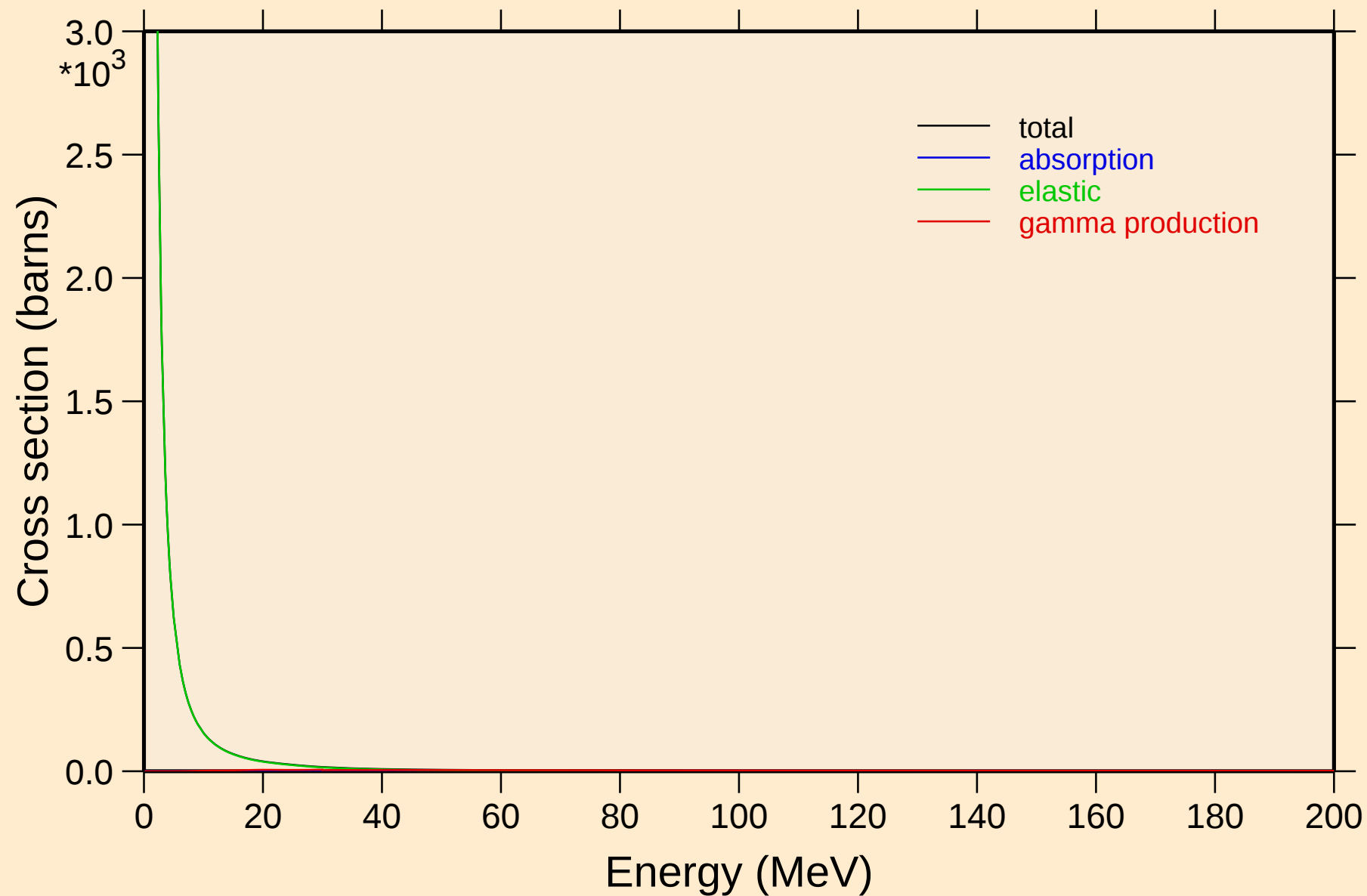
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



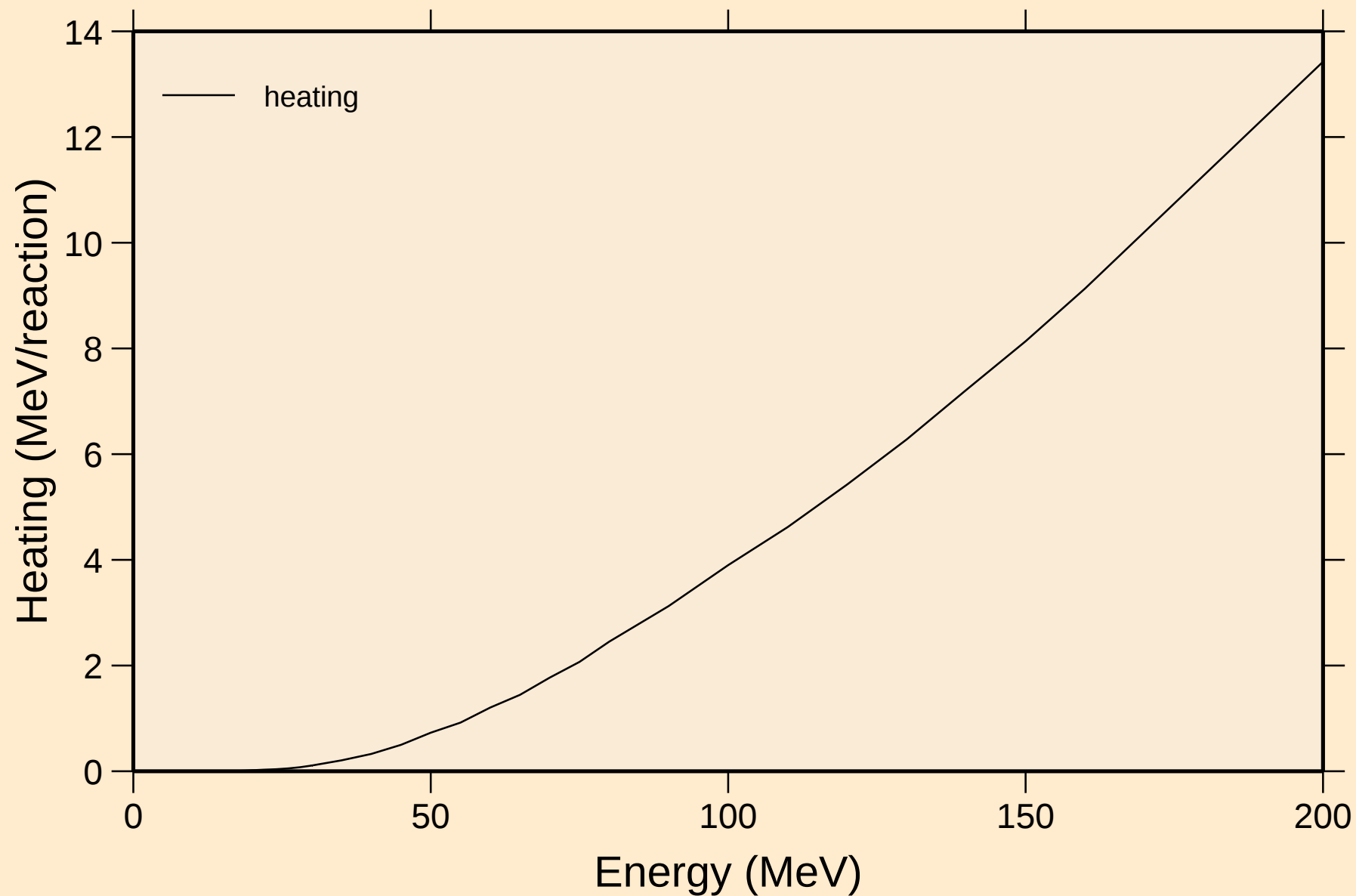
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



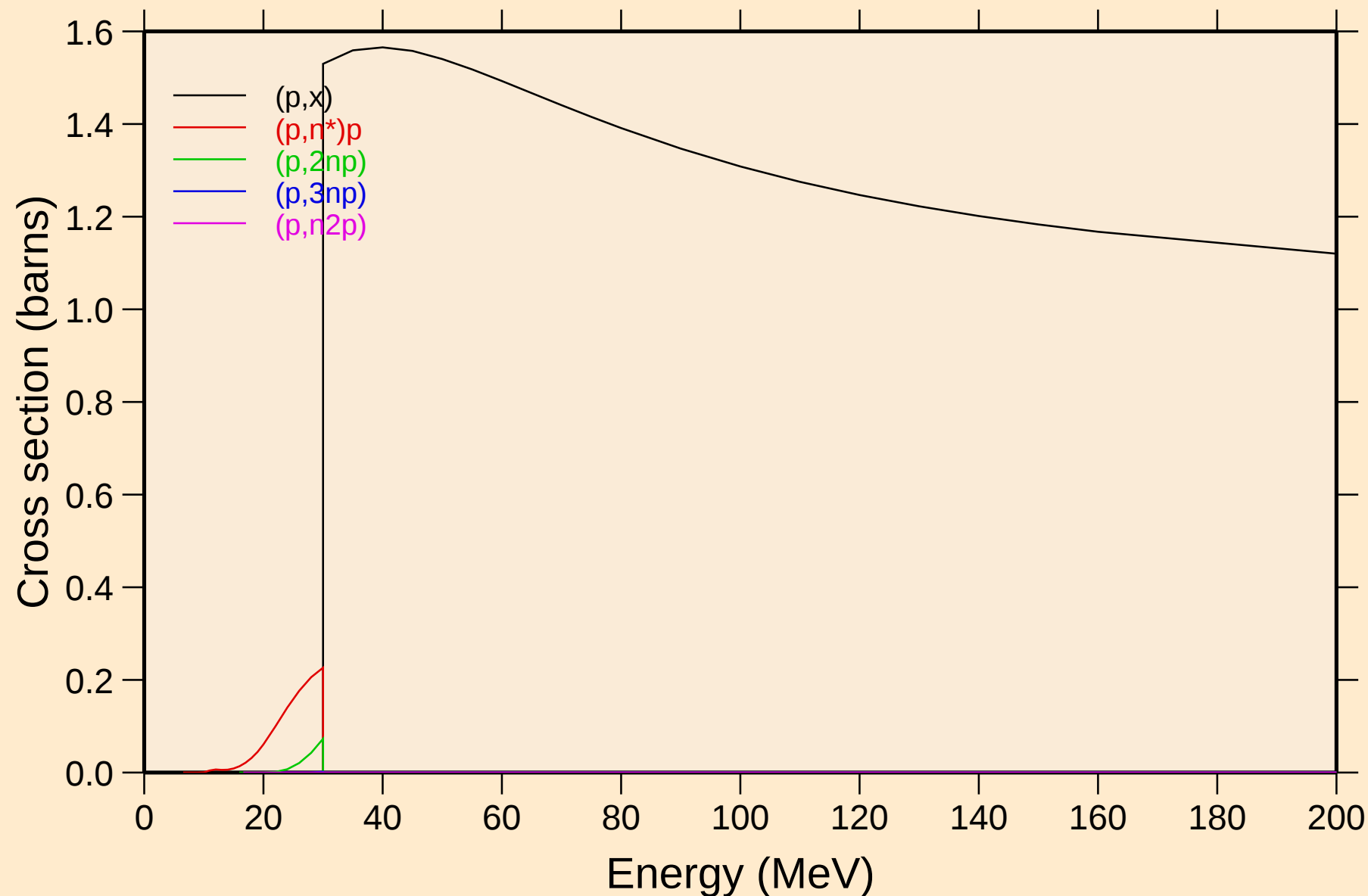
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



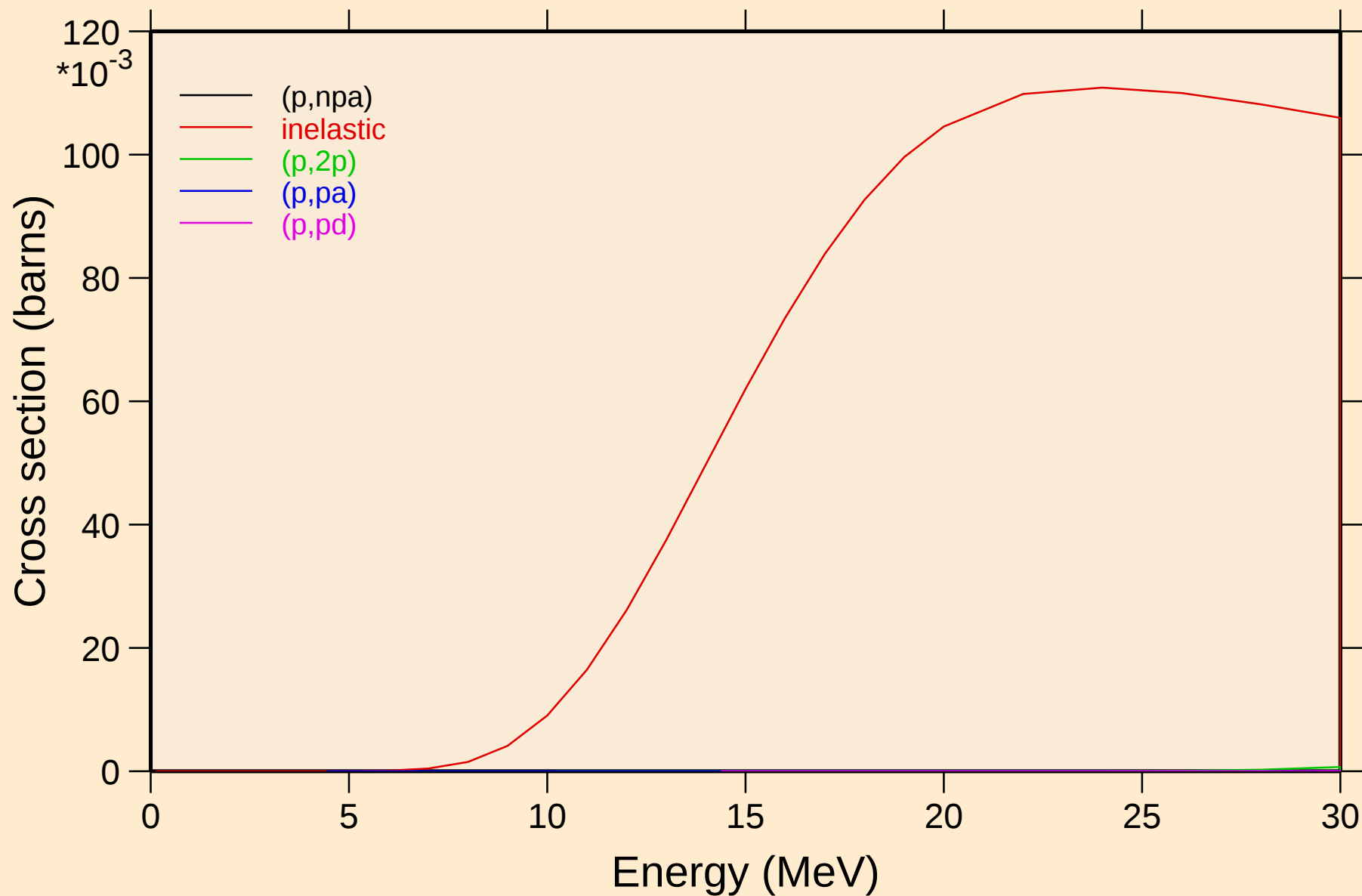
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



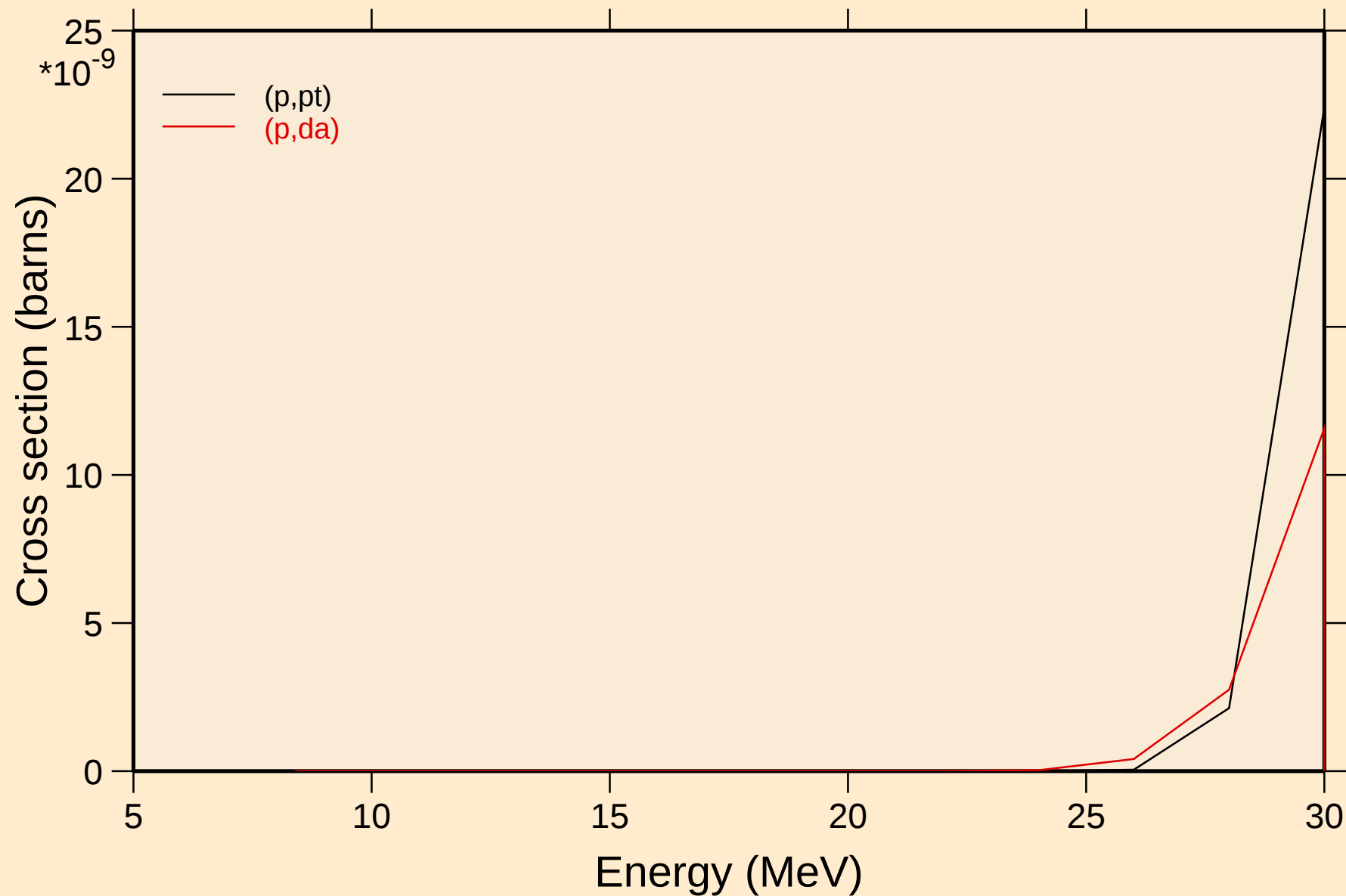
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

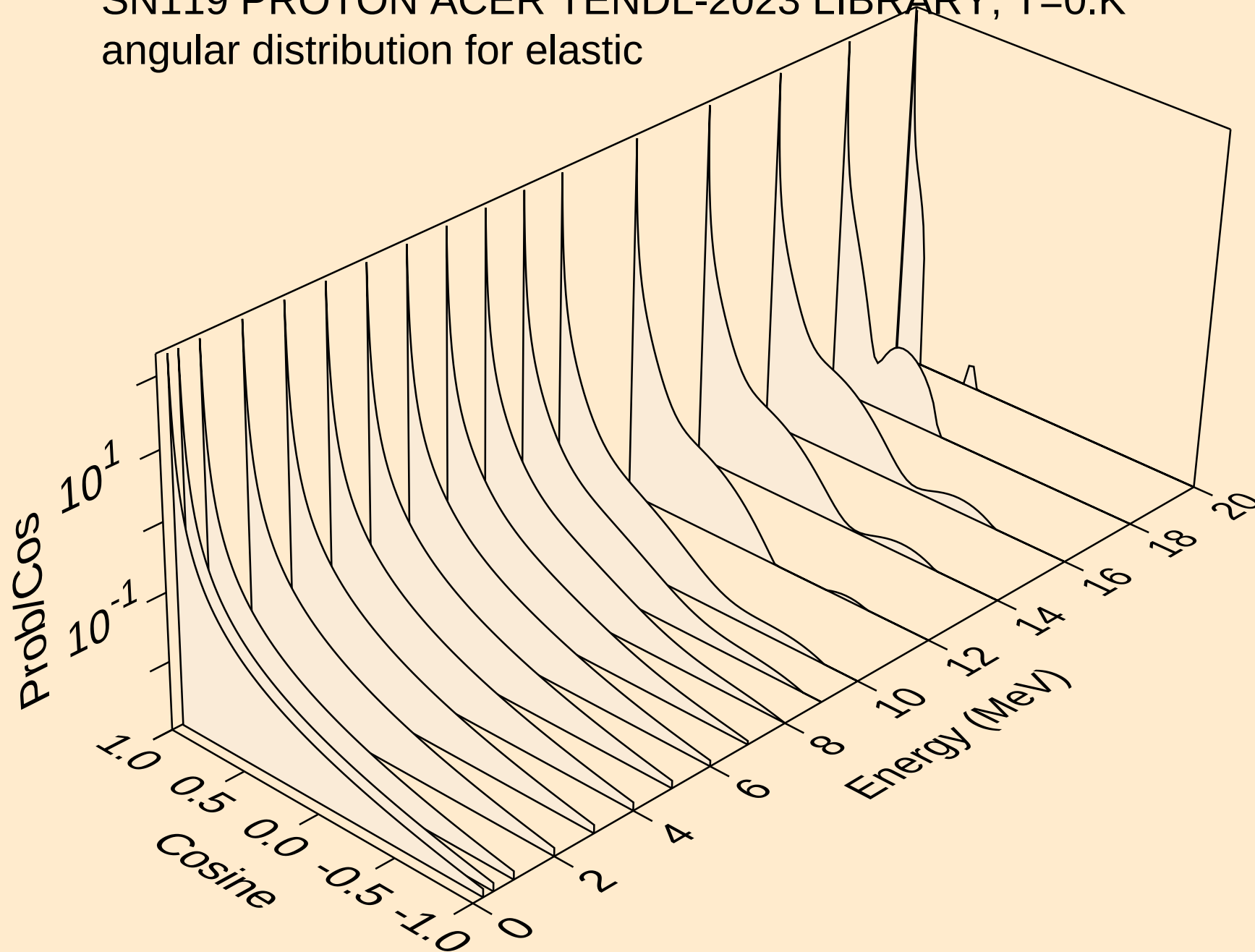


SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

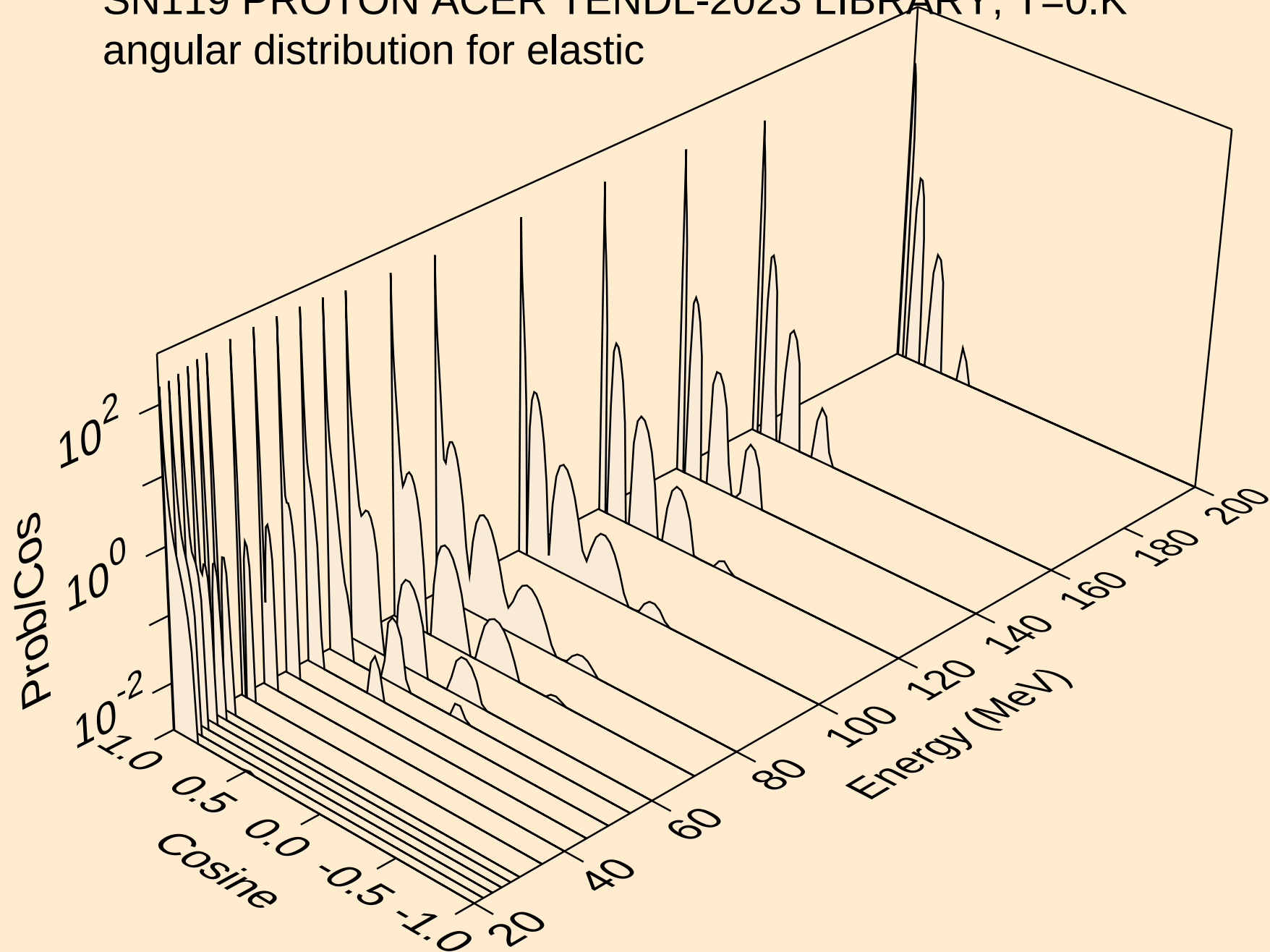
Threshold reactions



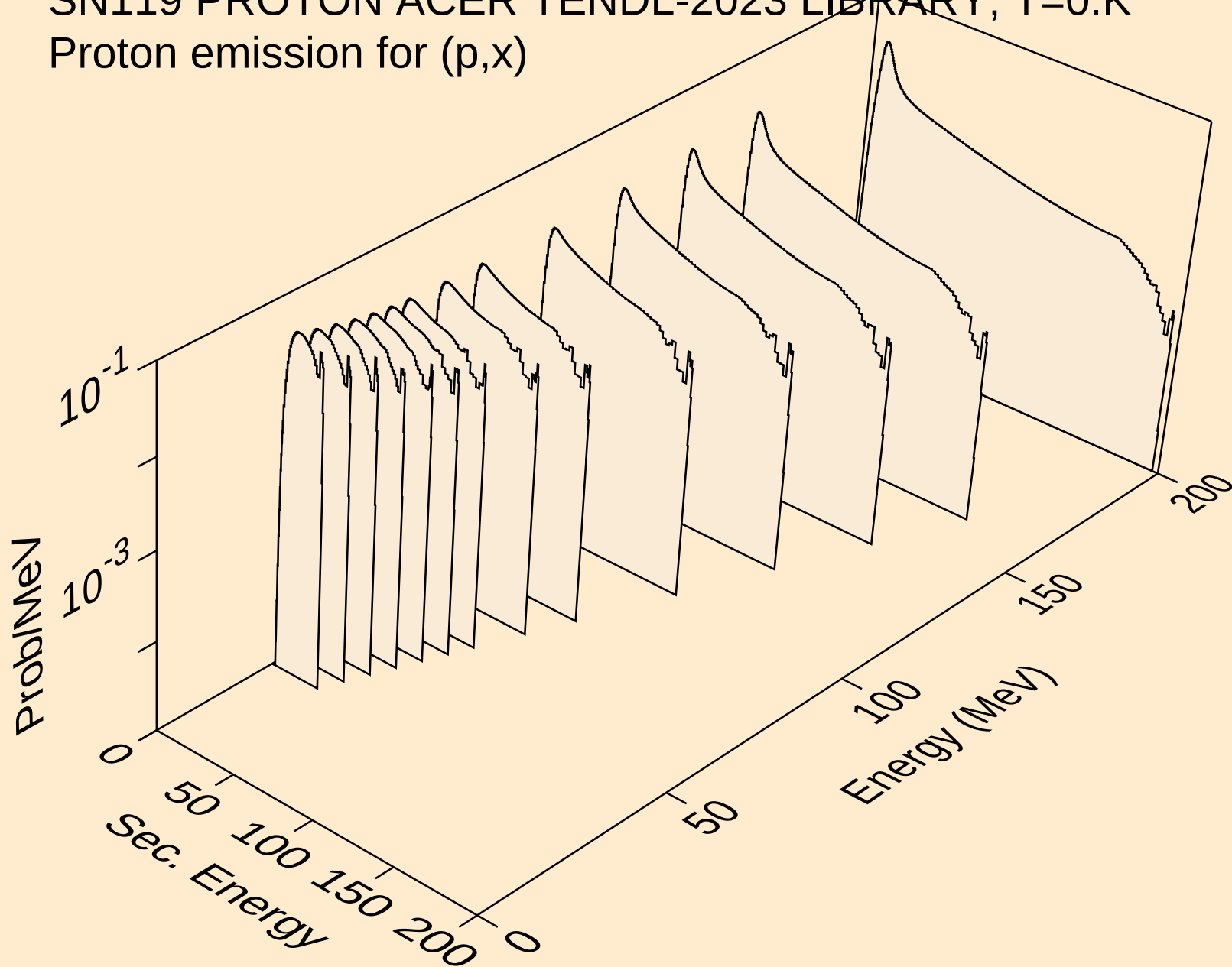
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

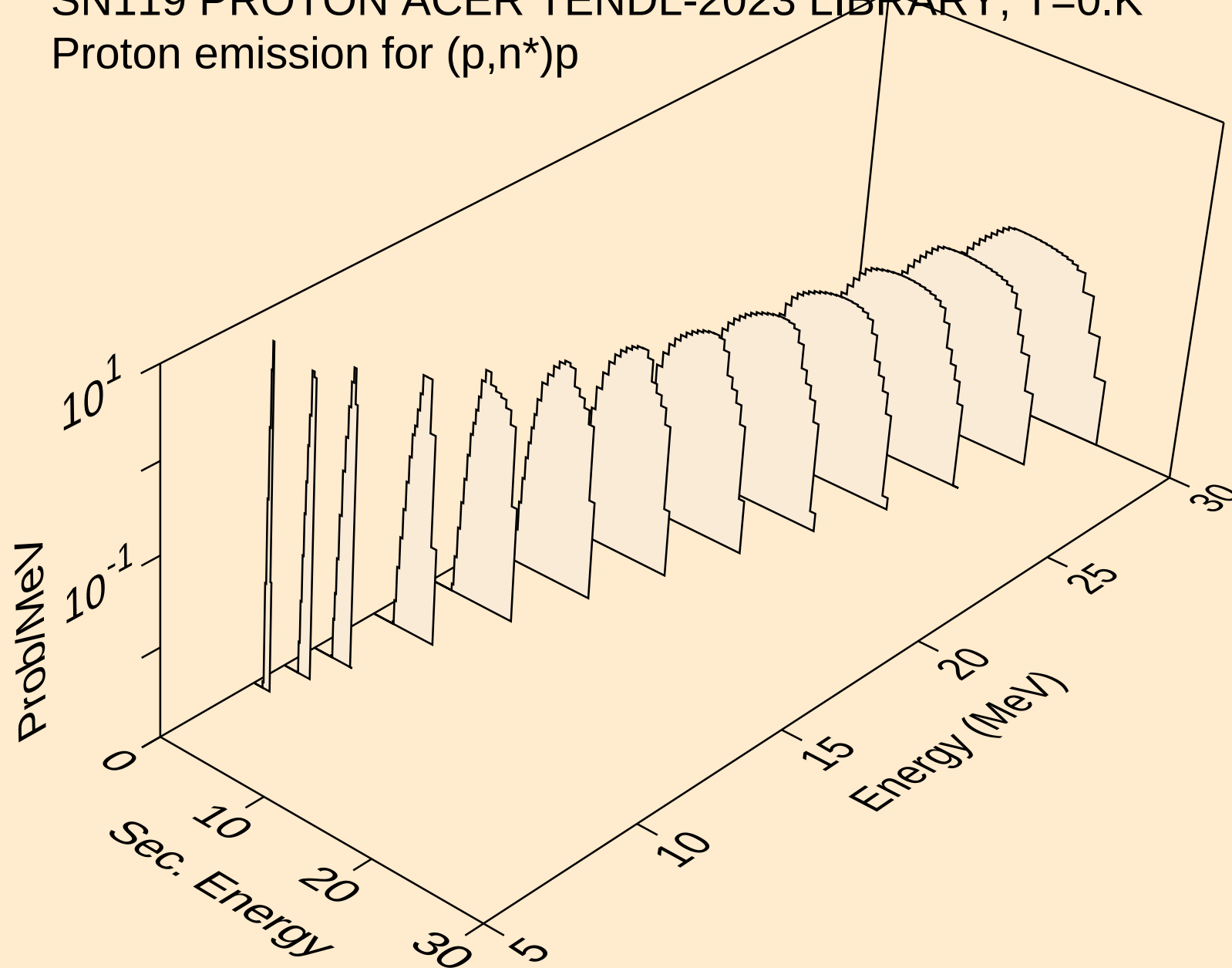


SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)

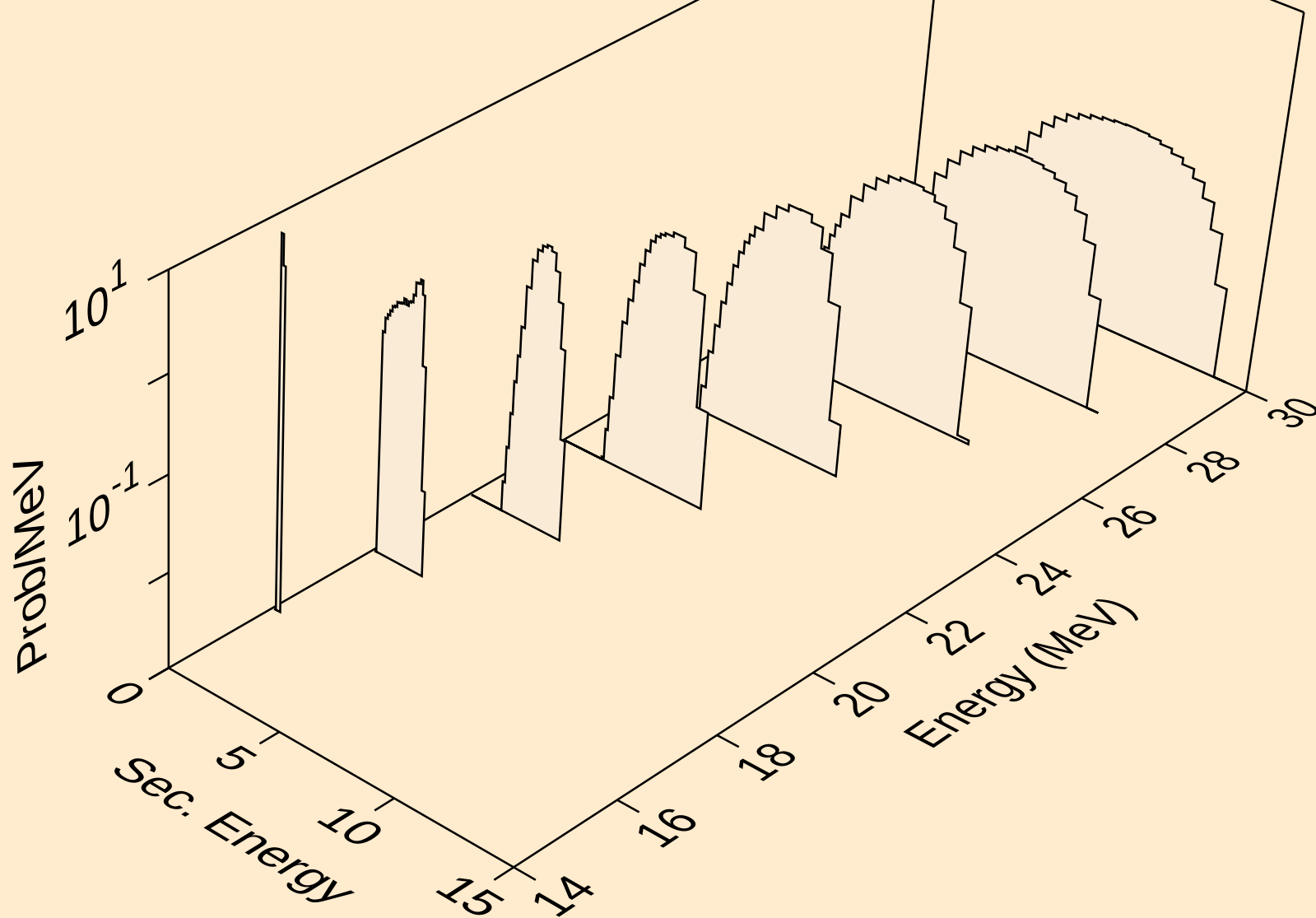


SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

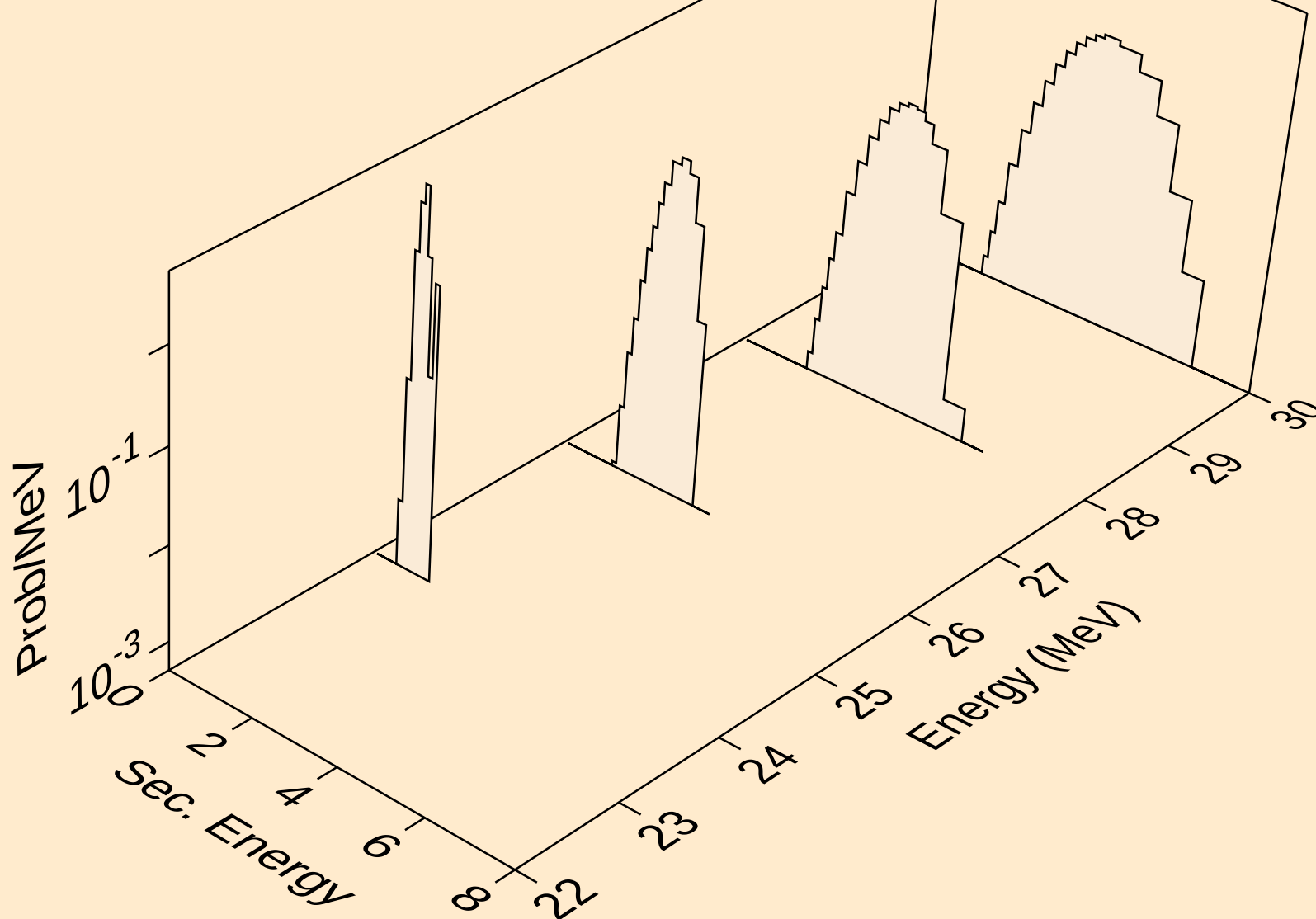
Proton emission for $(p,n^*)p$



SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)

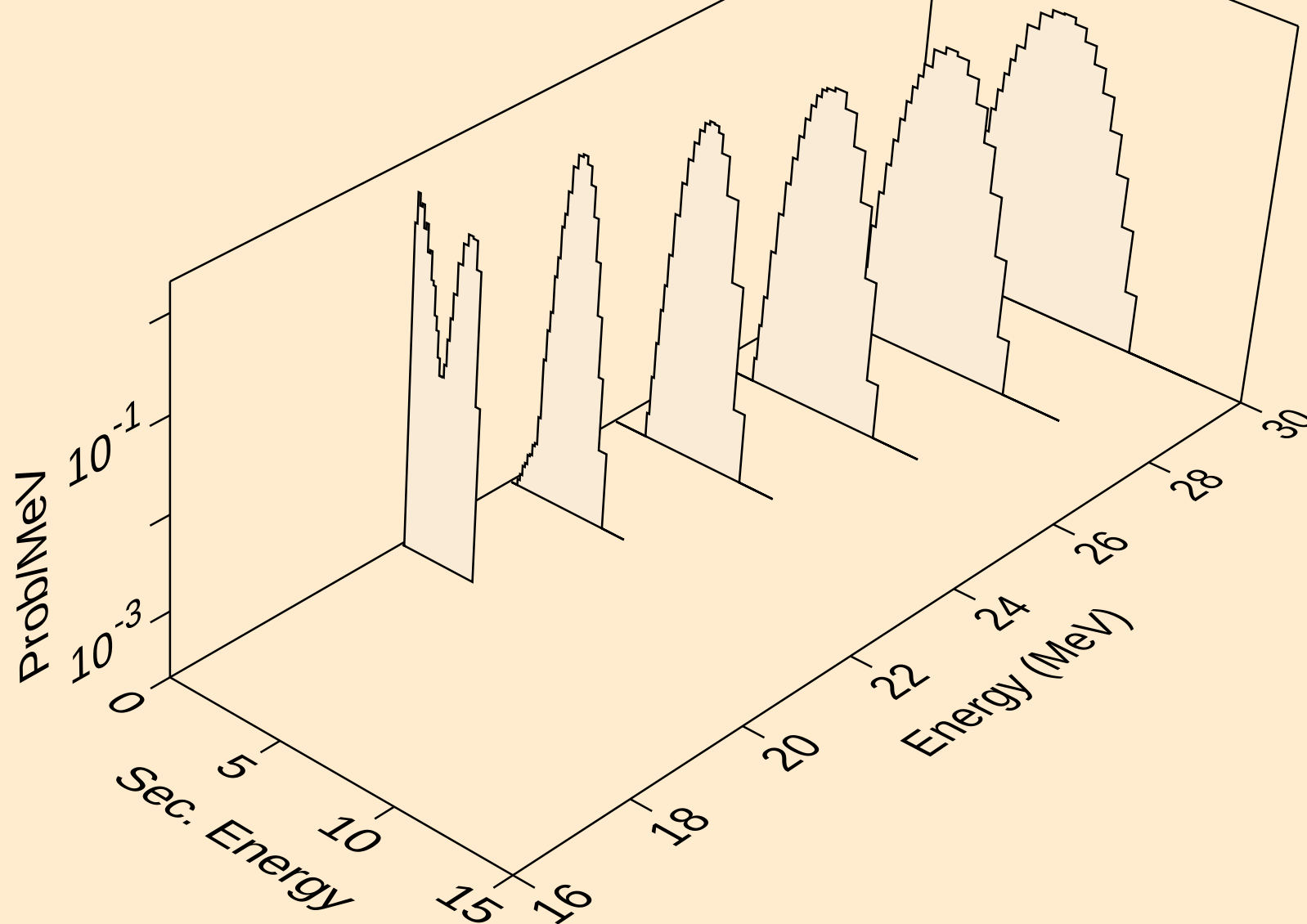


SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)

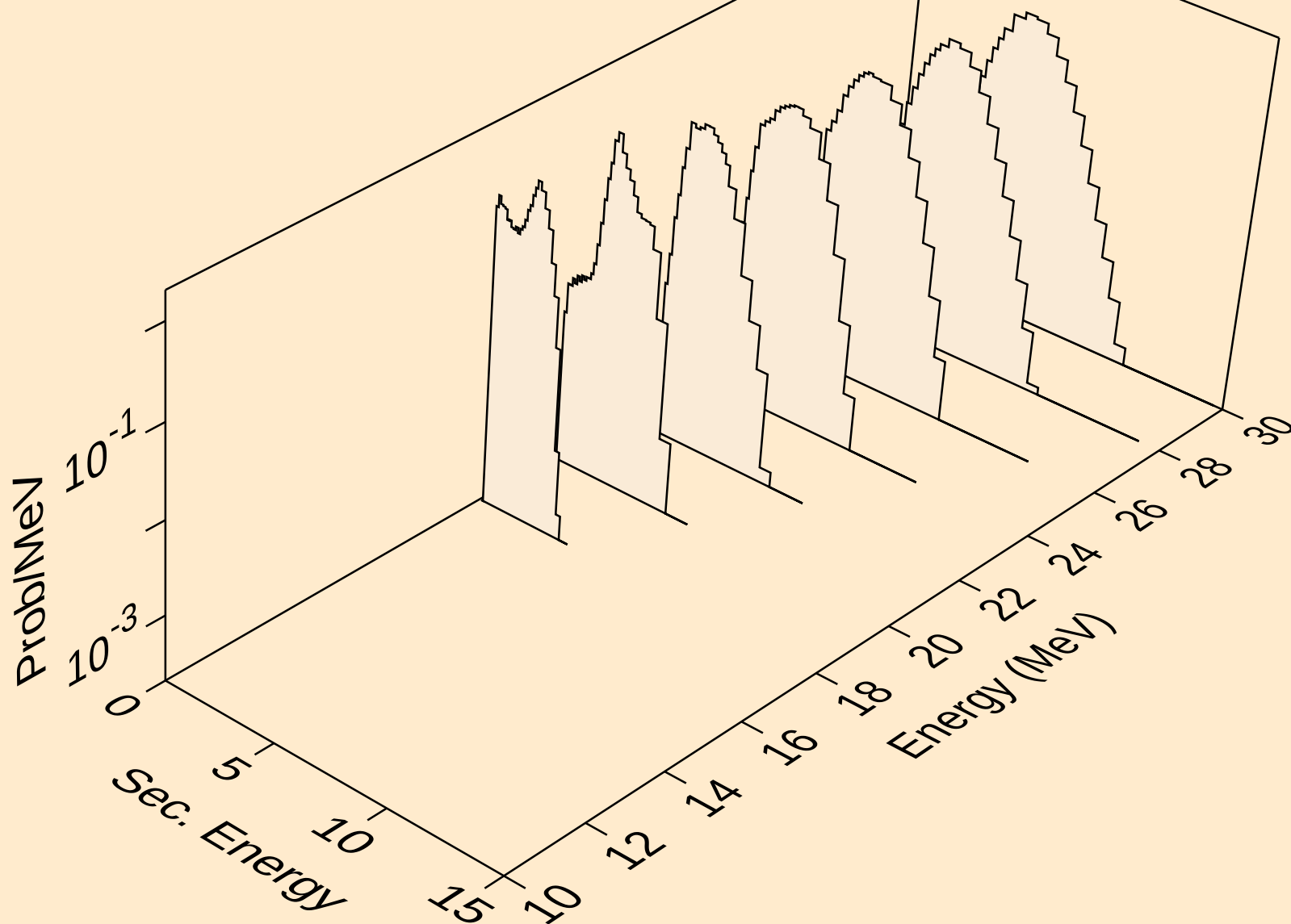


SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

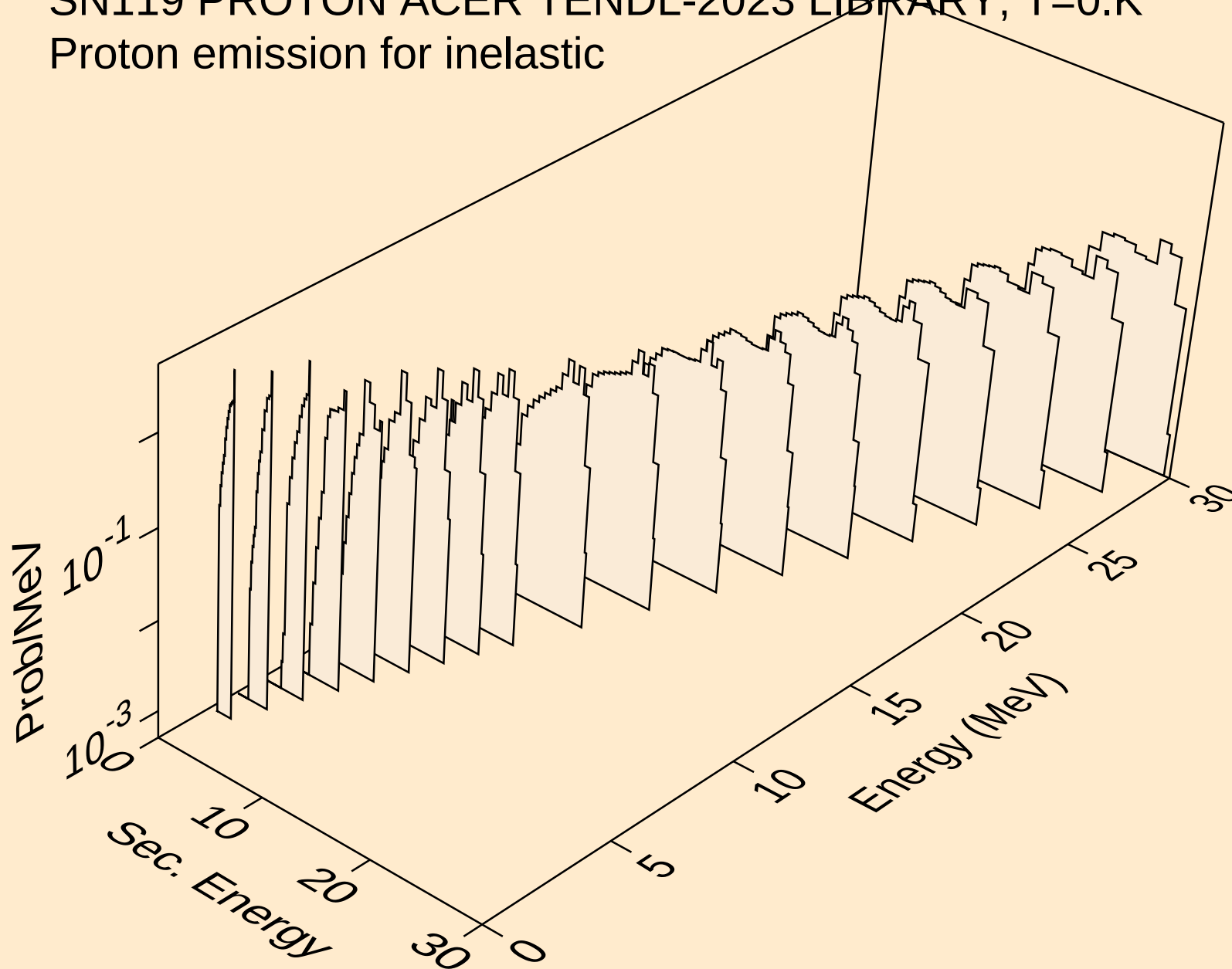
Proton emission for (p,n2p)



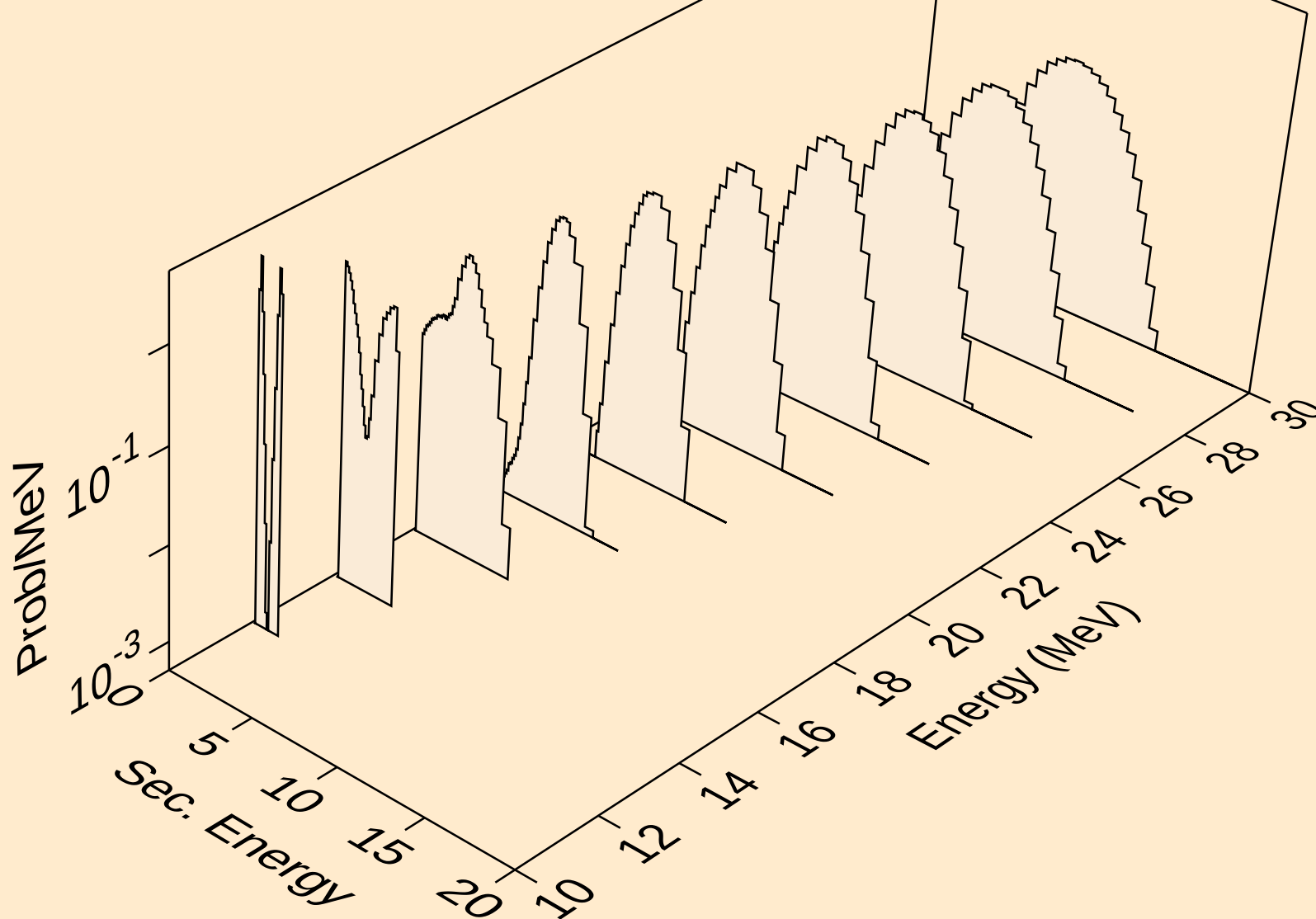
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)



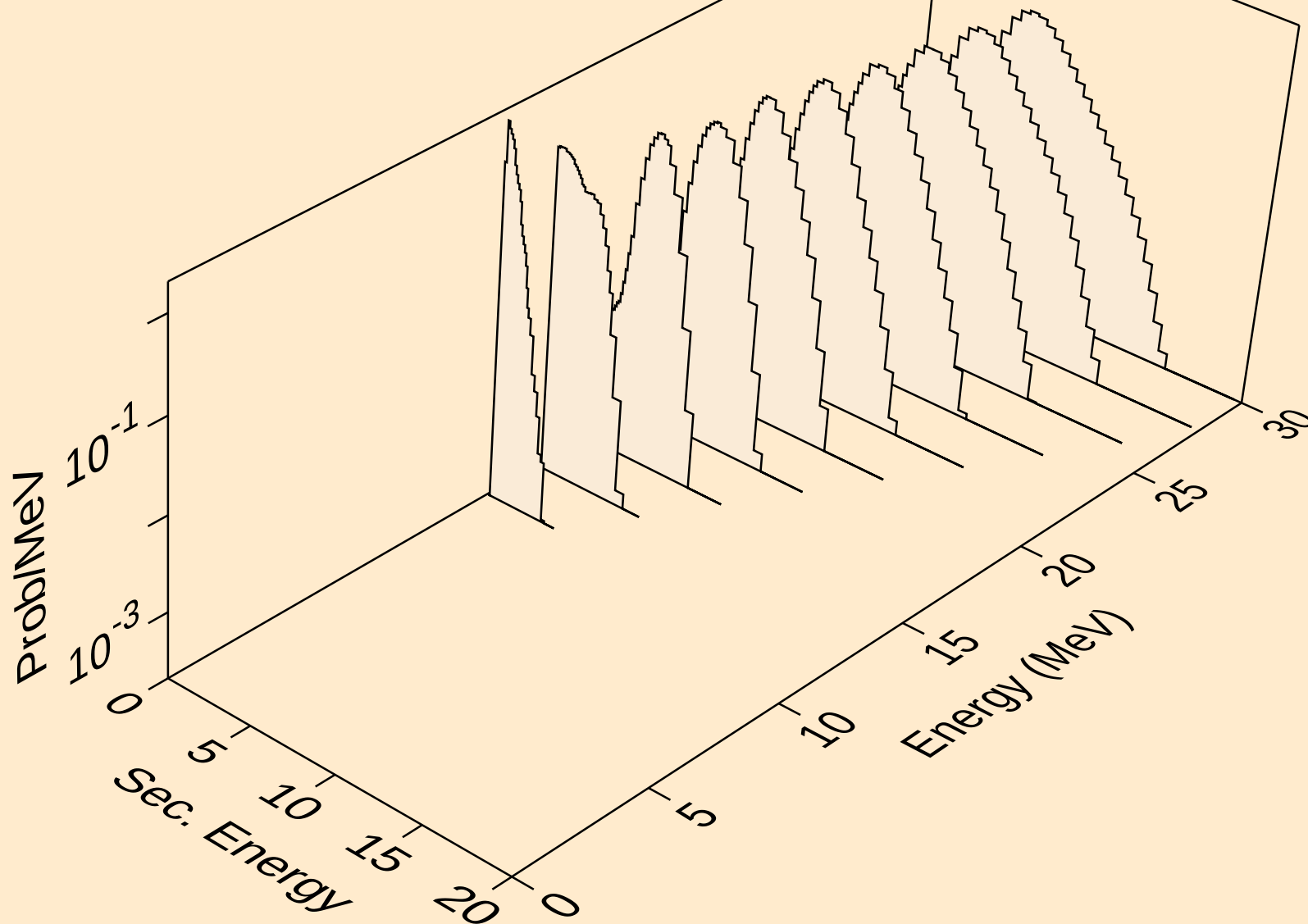
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



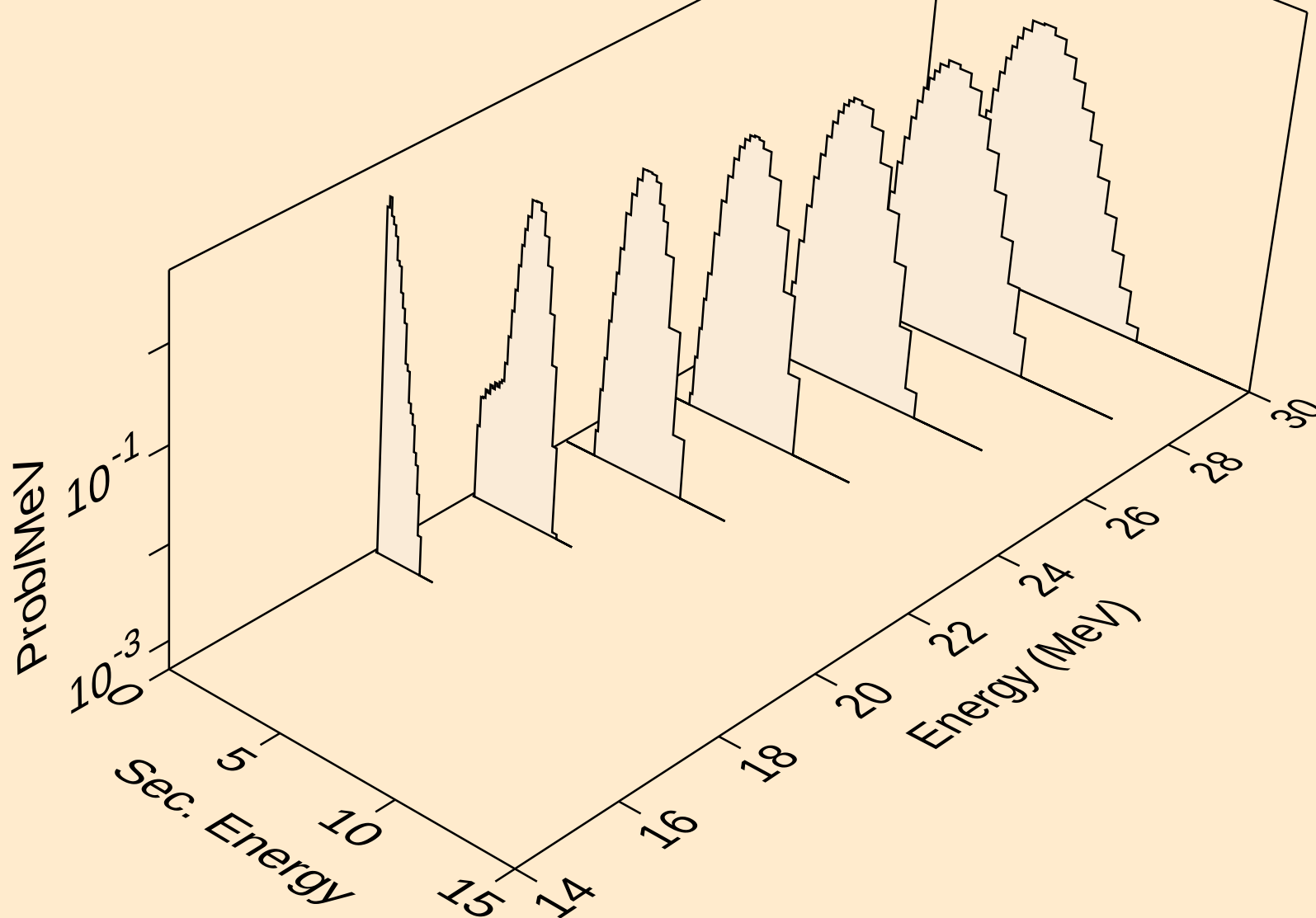
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2p)



SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pa)

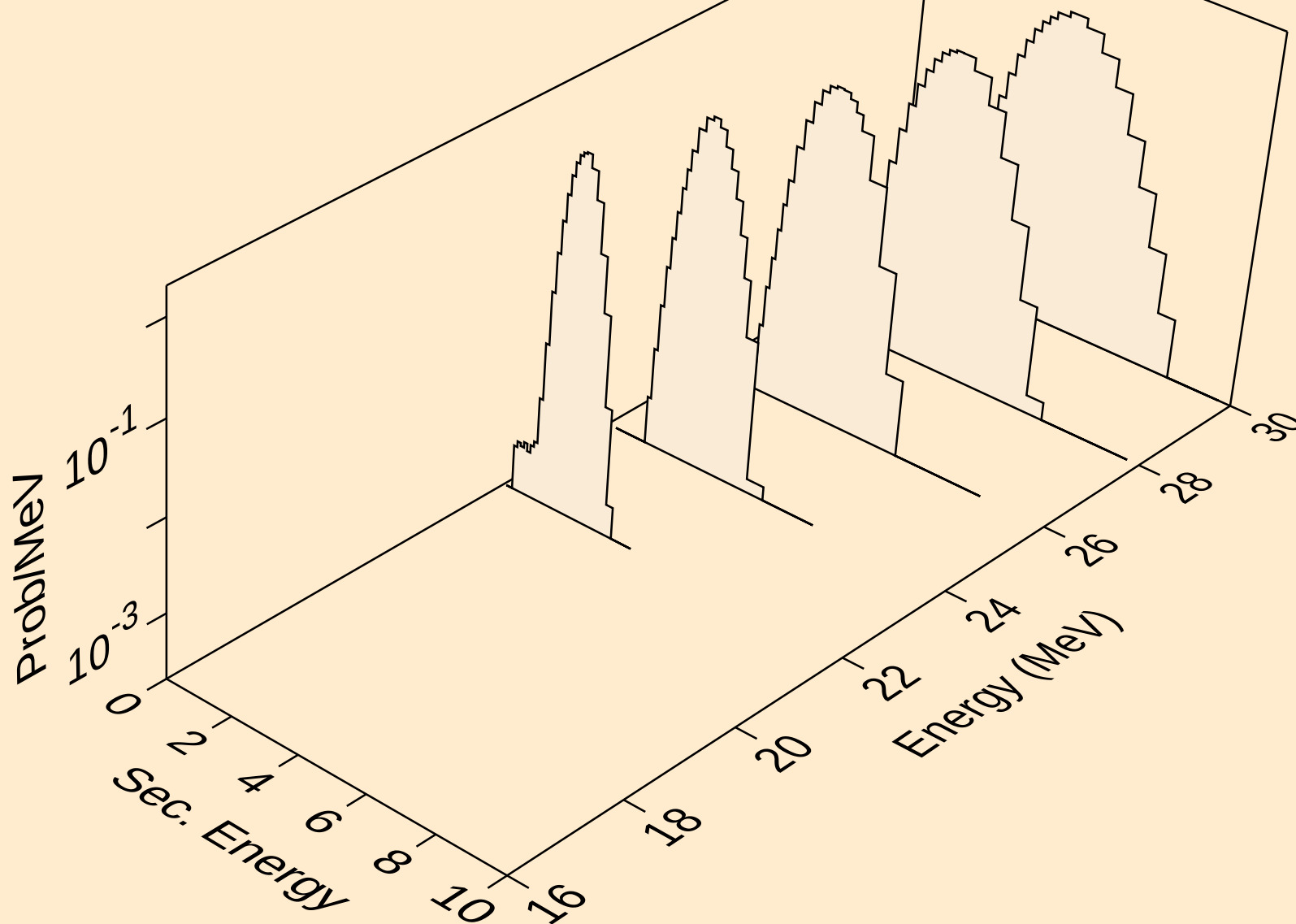


SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pd)

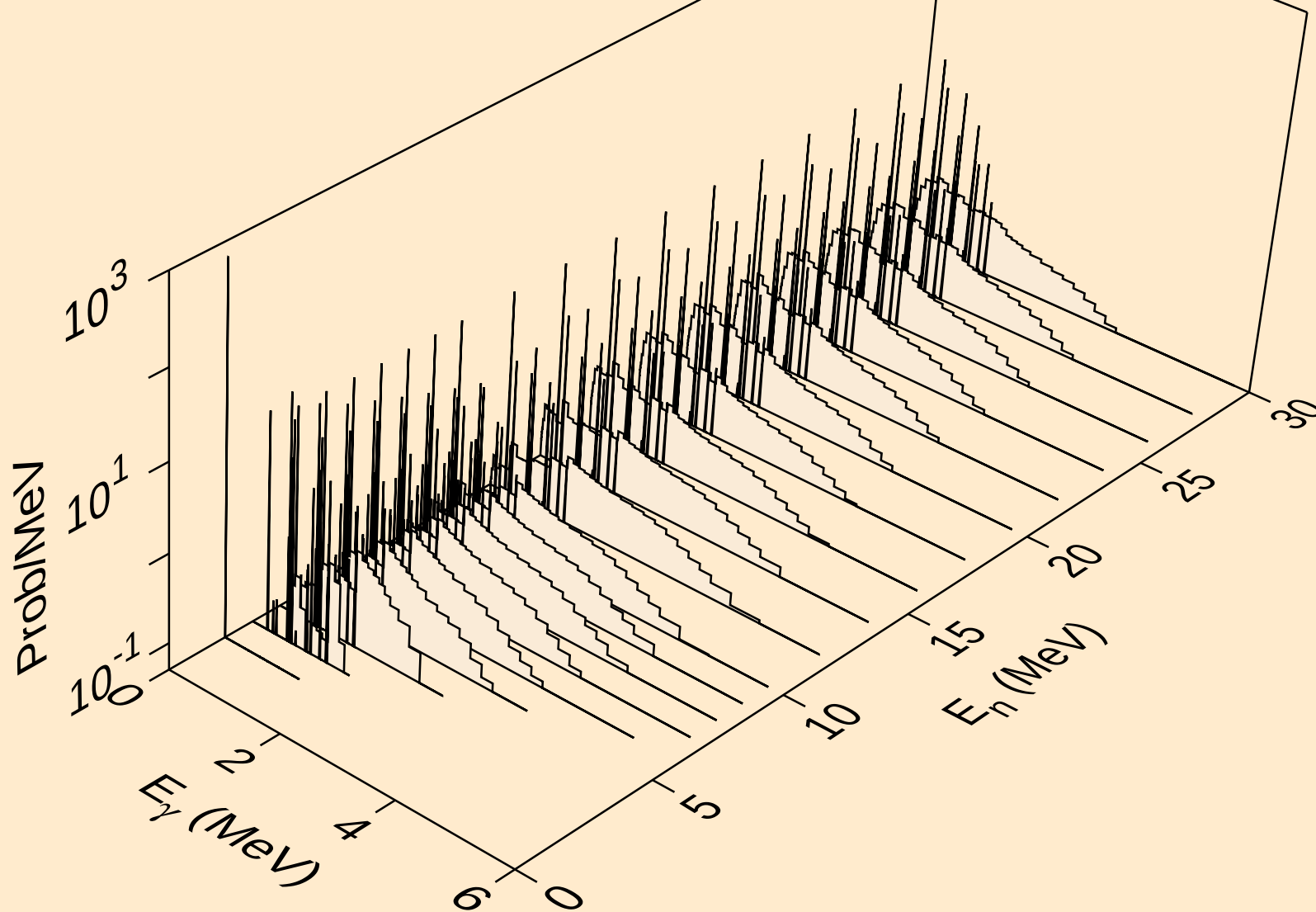


SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pt)

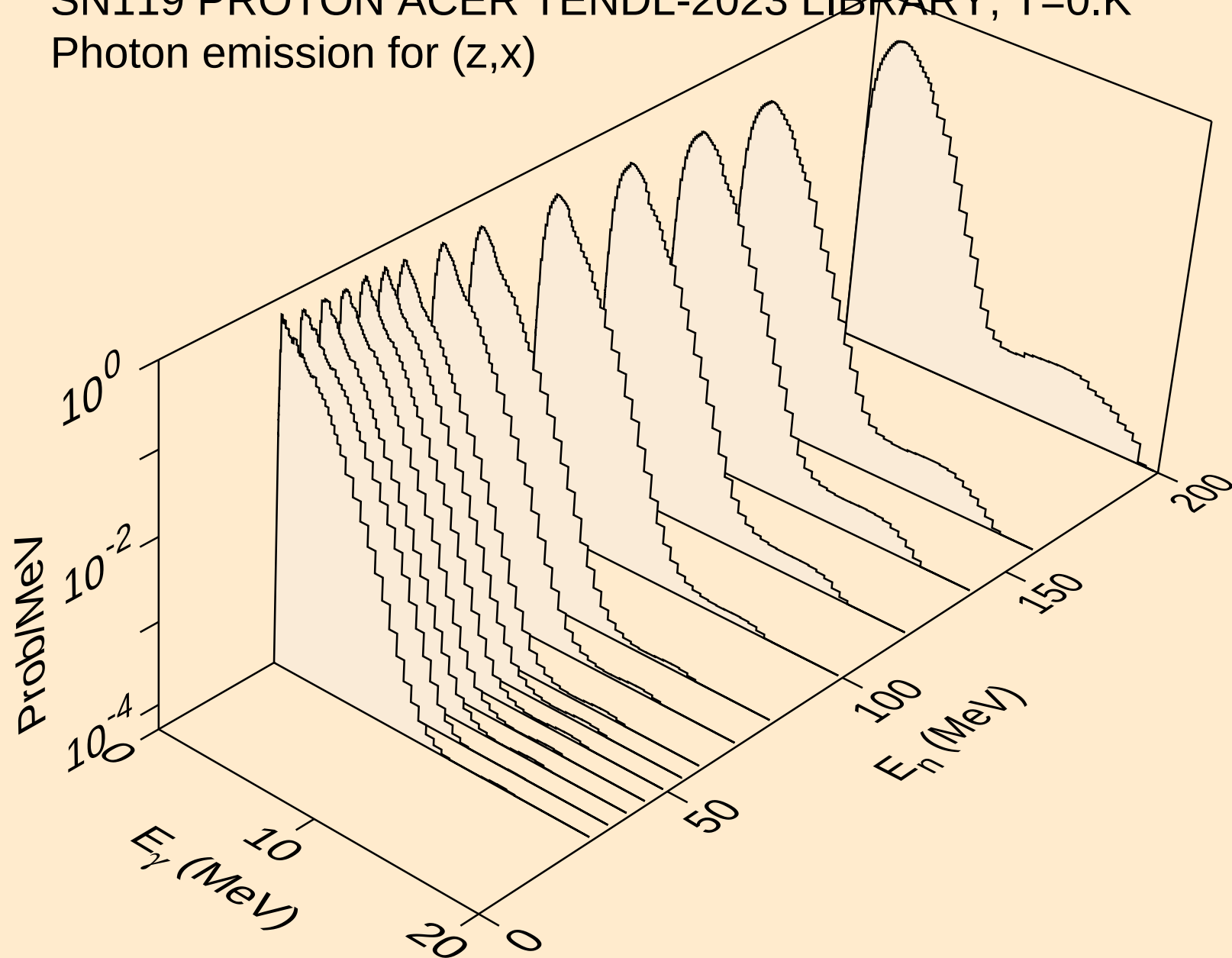


SN119 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (z,n)

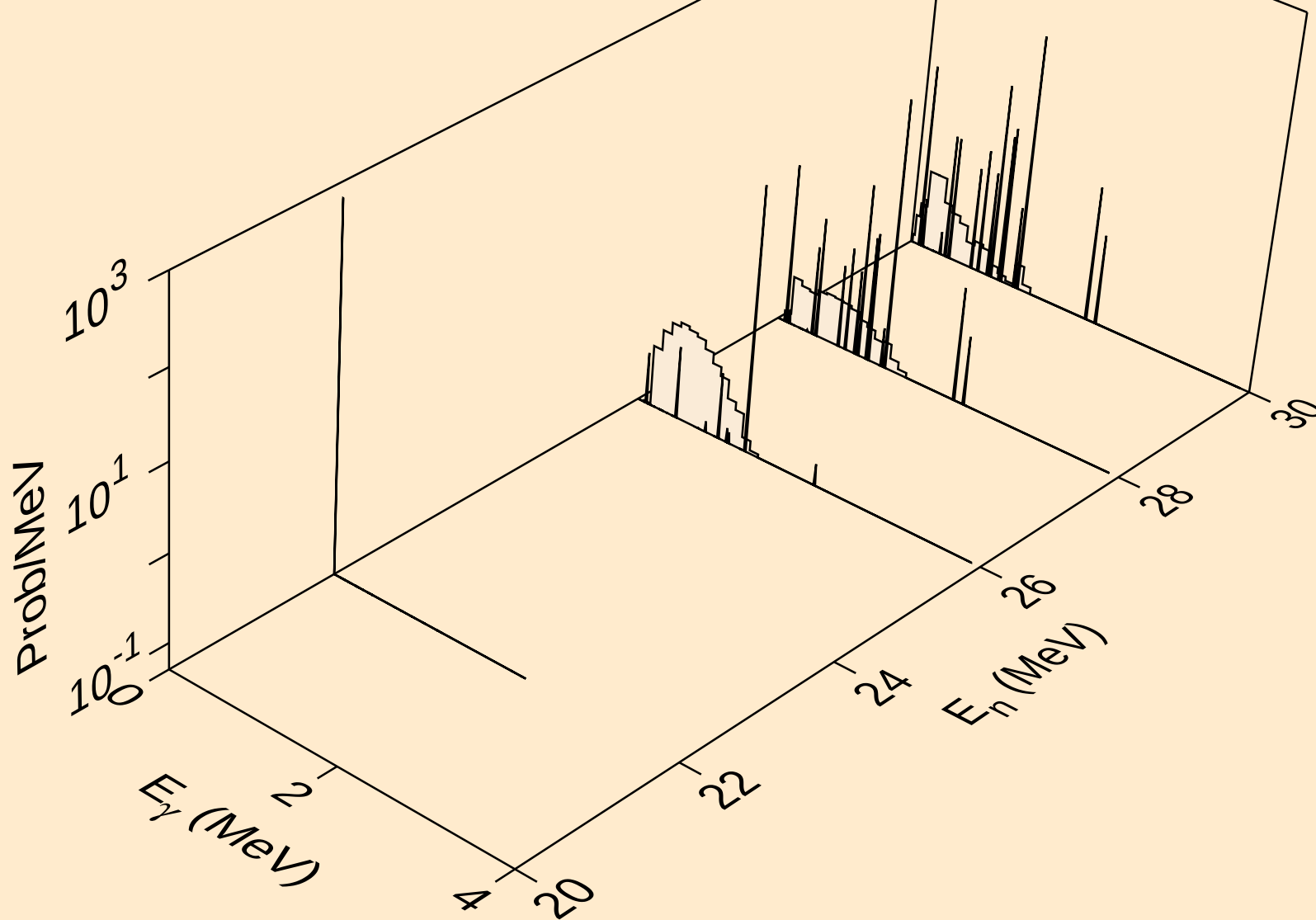


SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

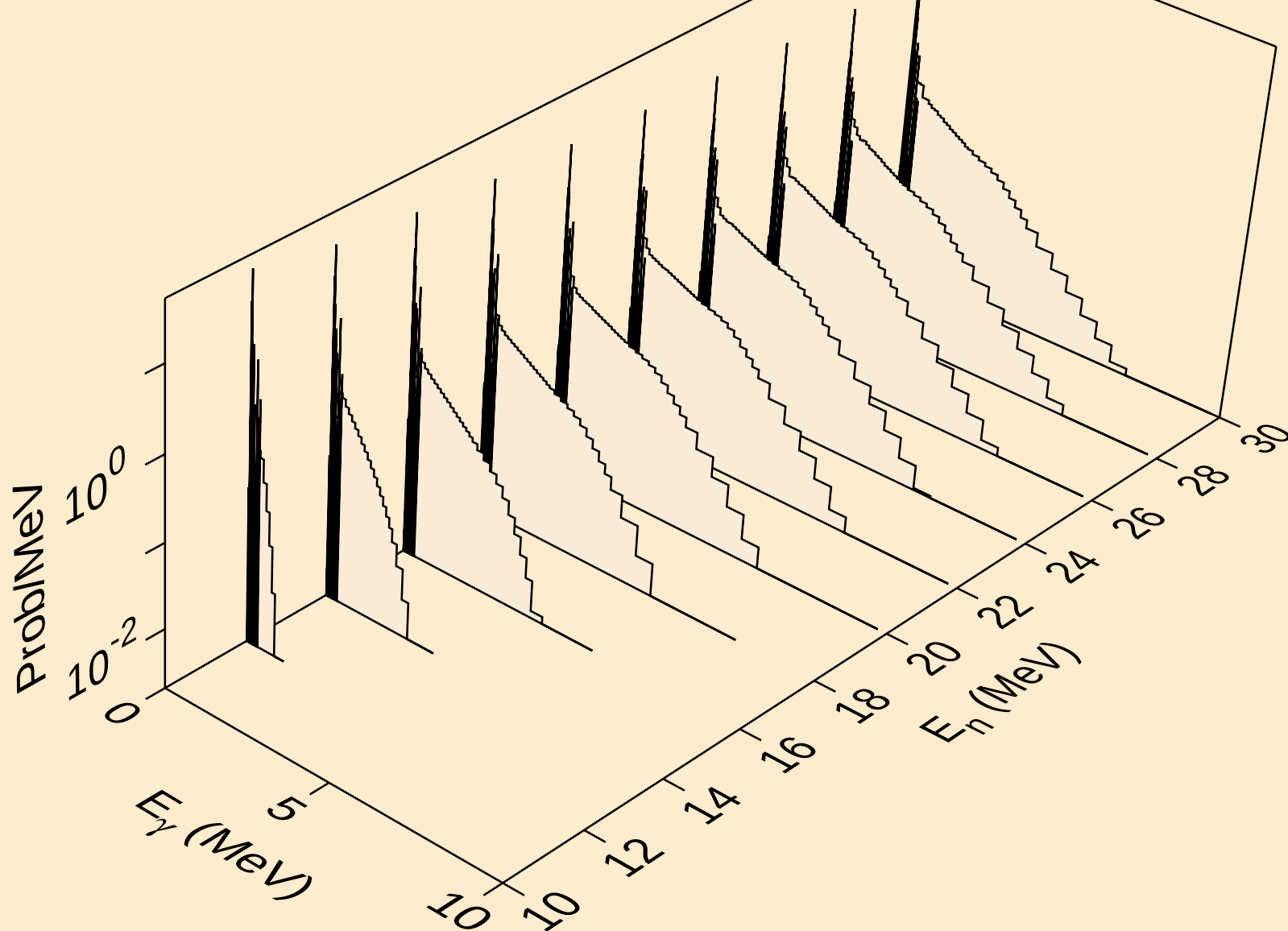
Photon emission for (z,x)



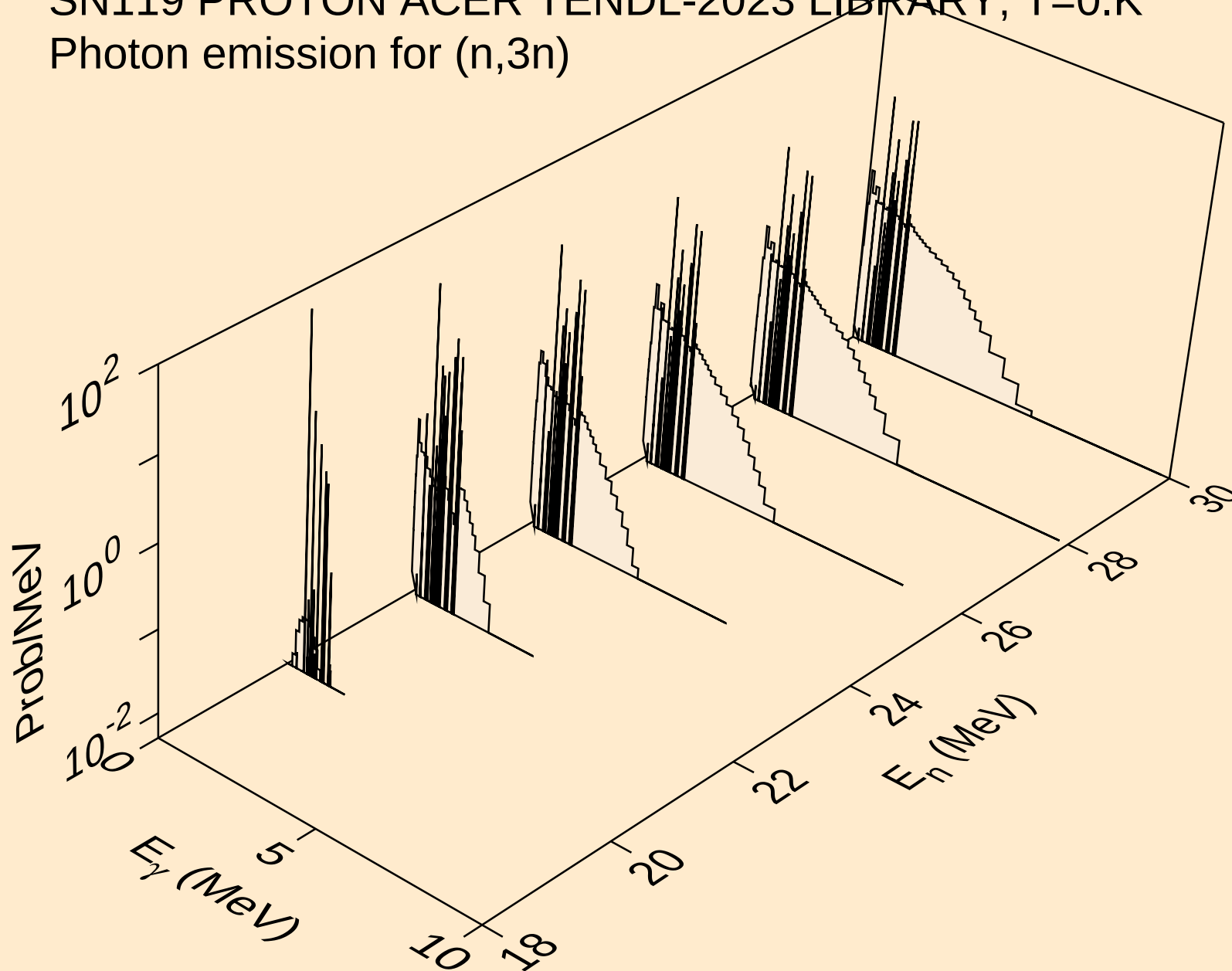
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

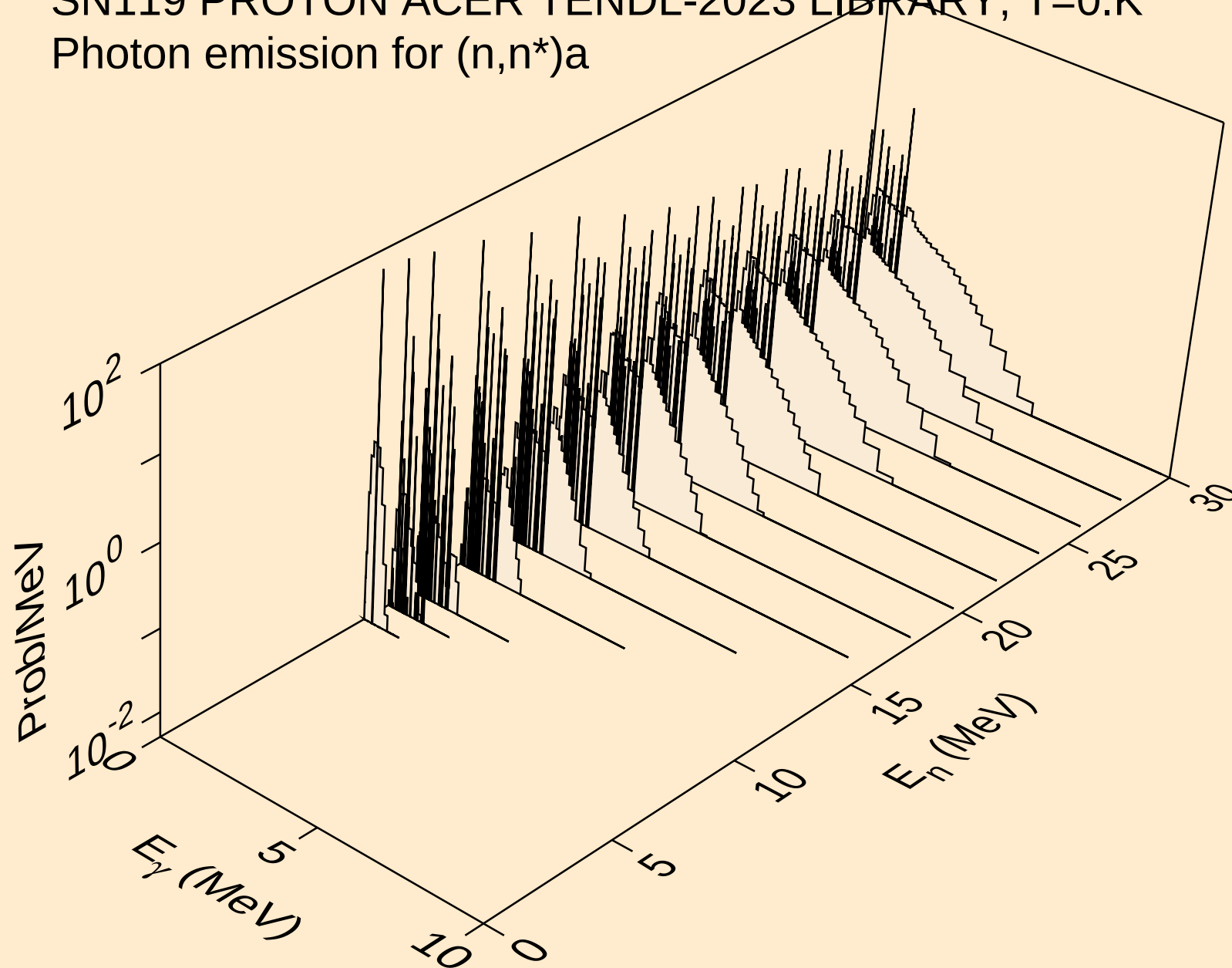


SN119 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3n)



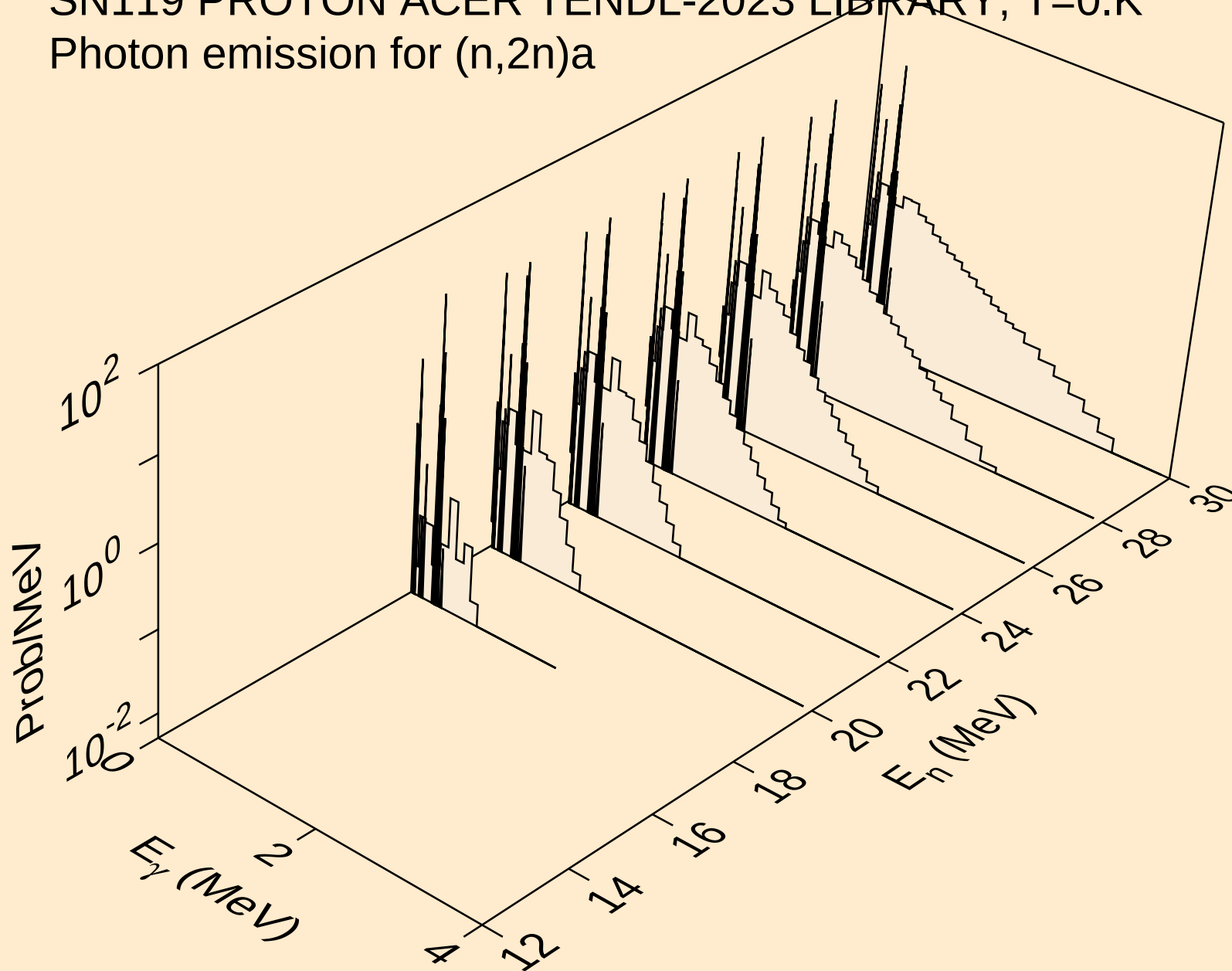
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



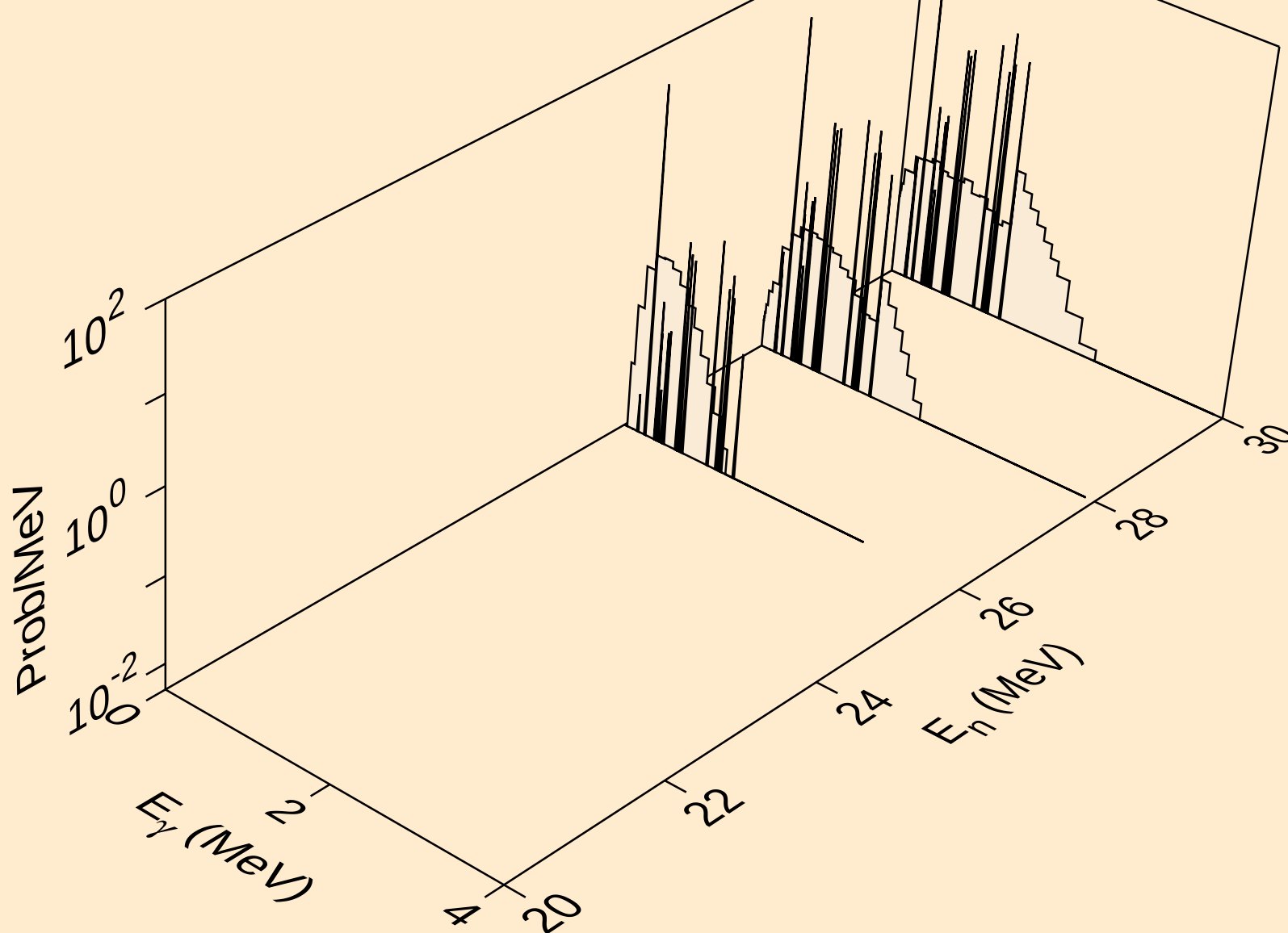
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n)a



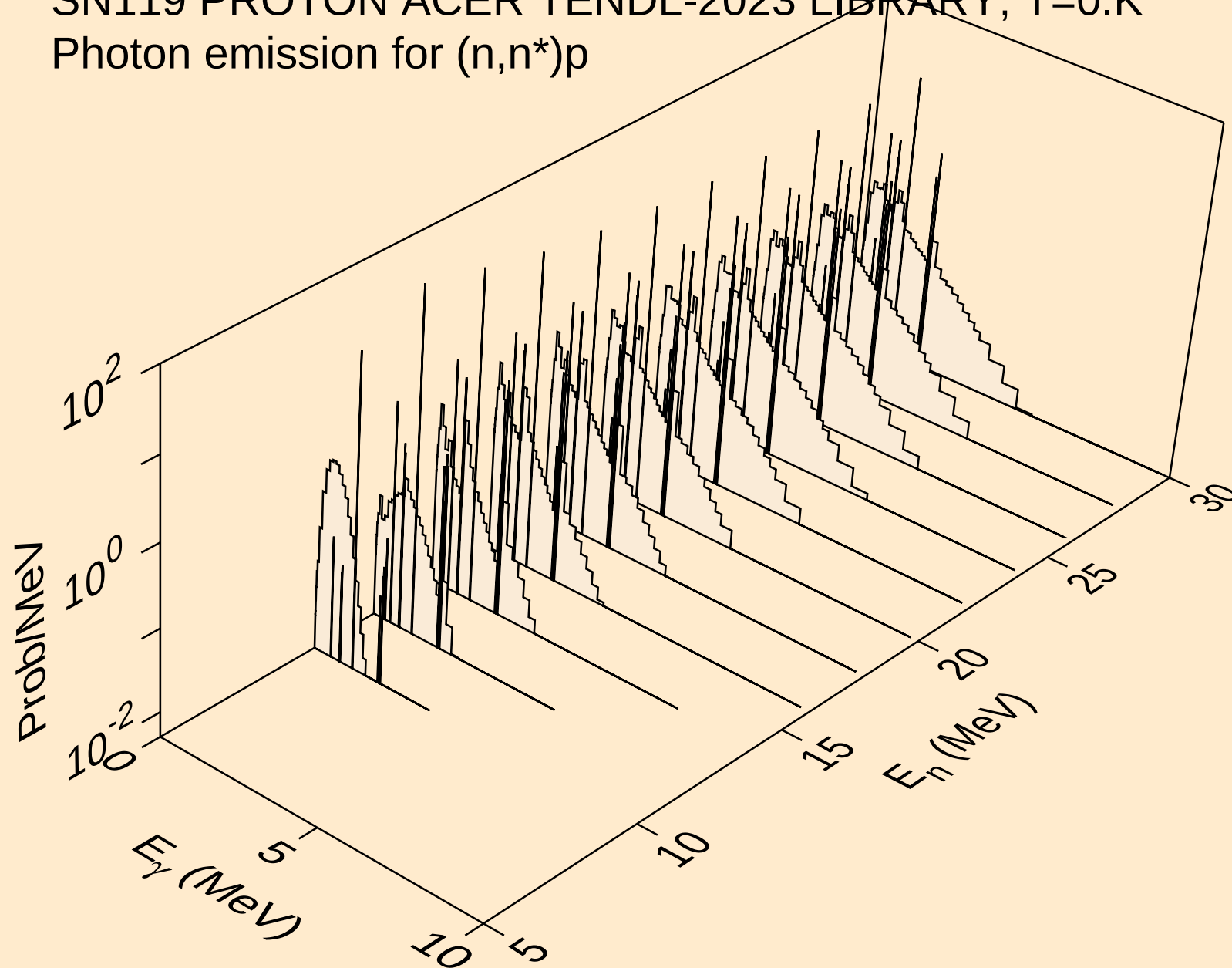
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n)a



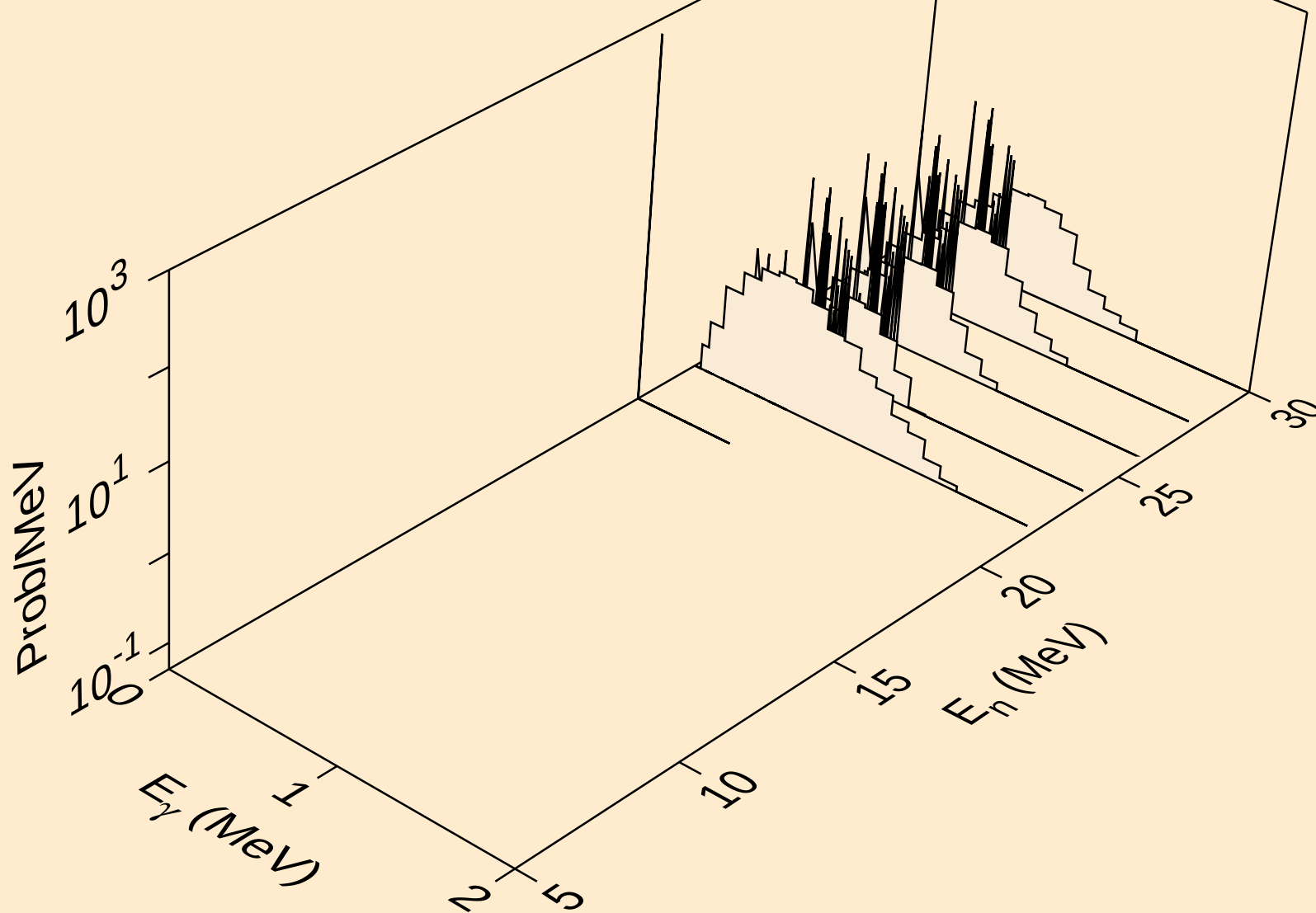
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



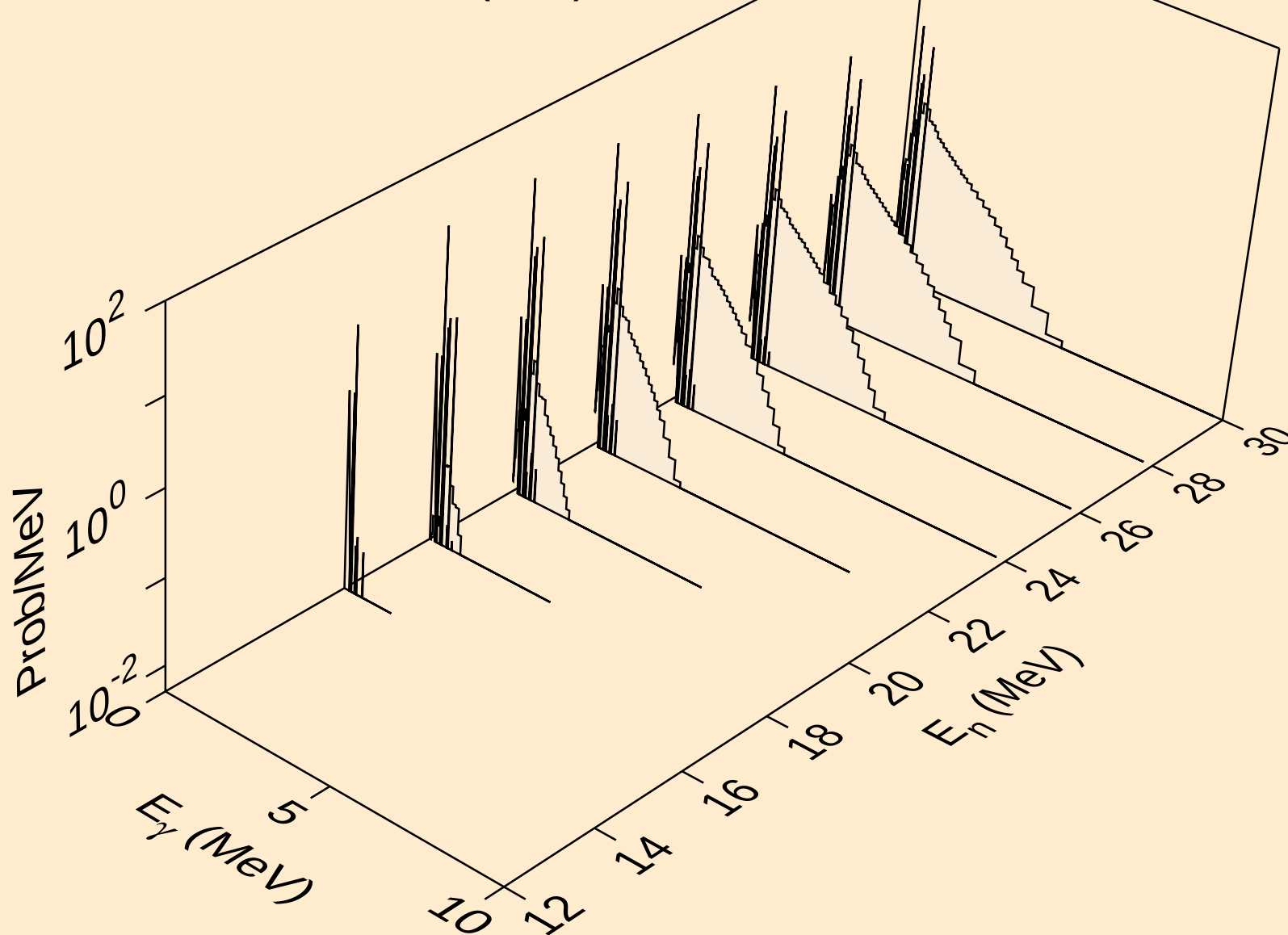
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)2a



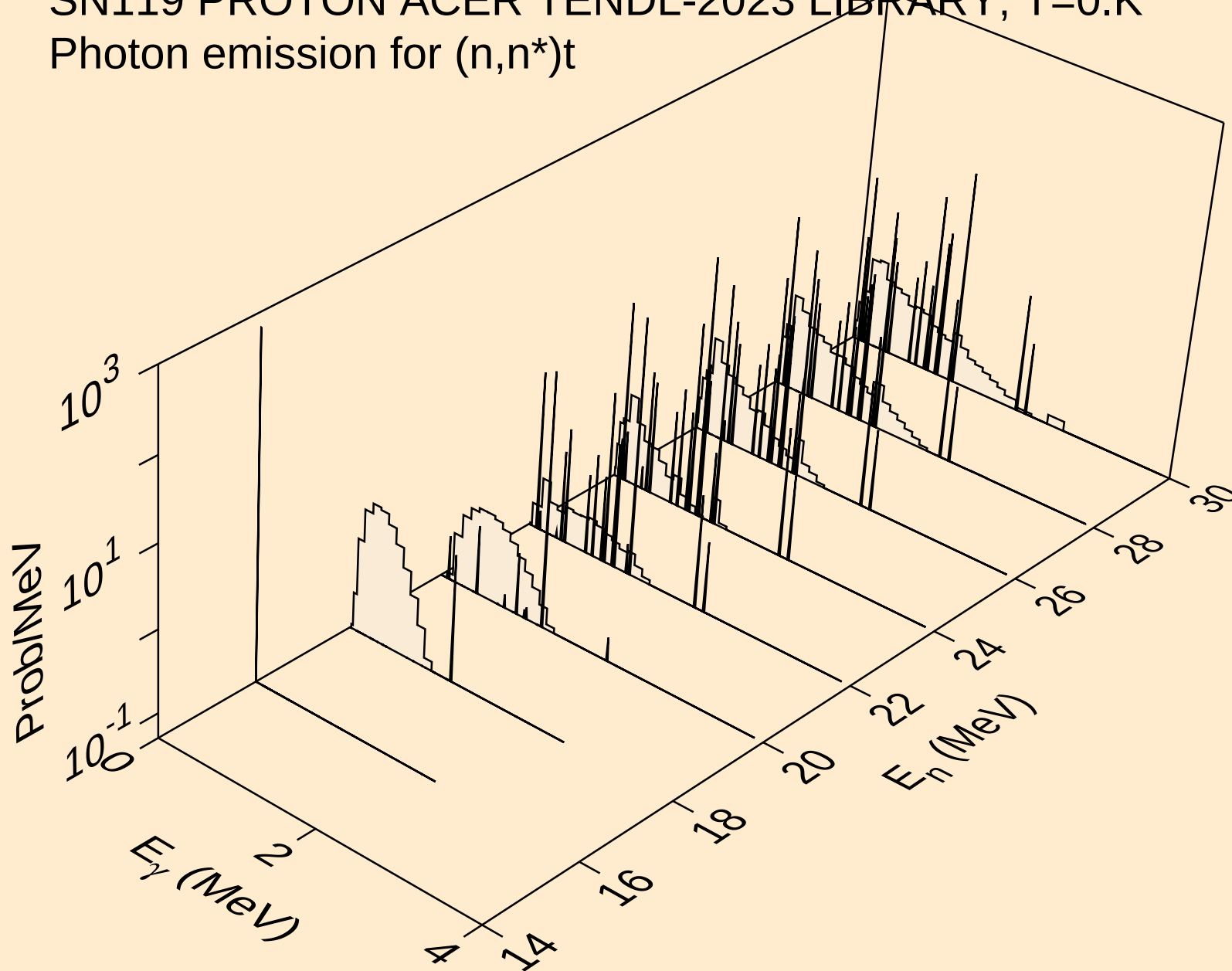
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

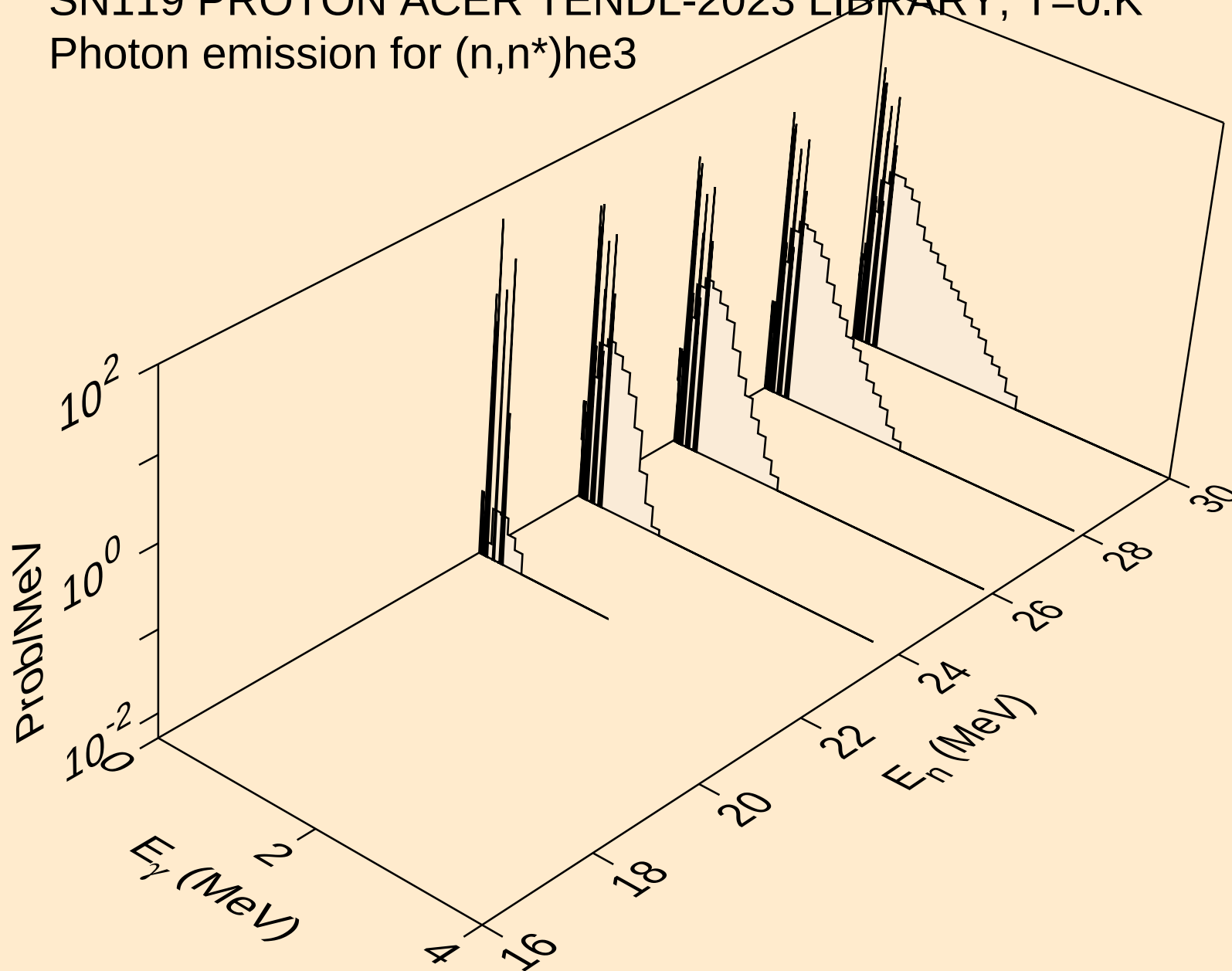


SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

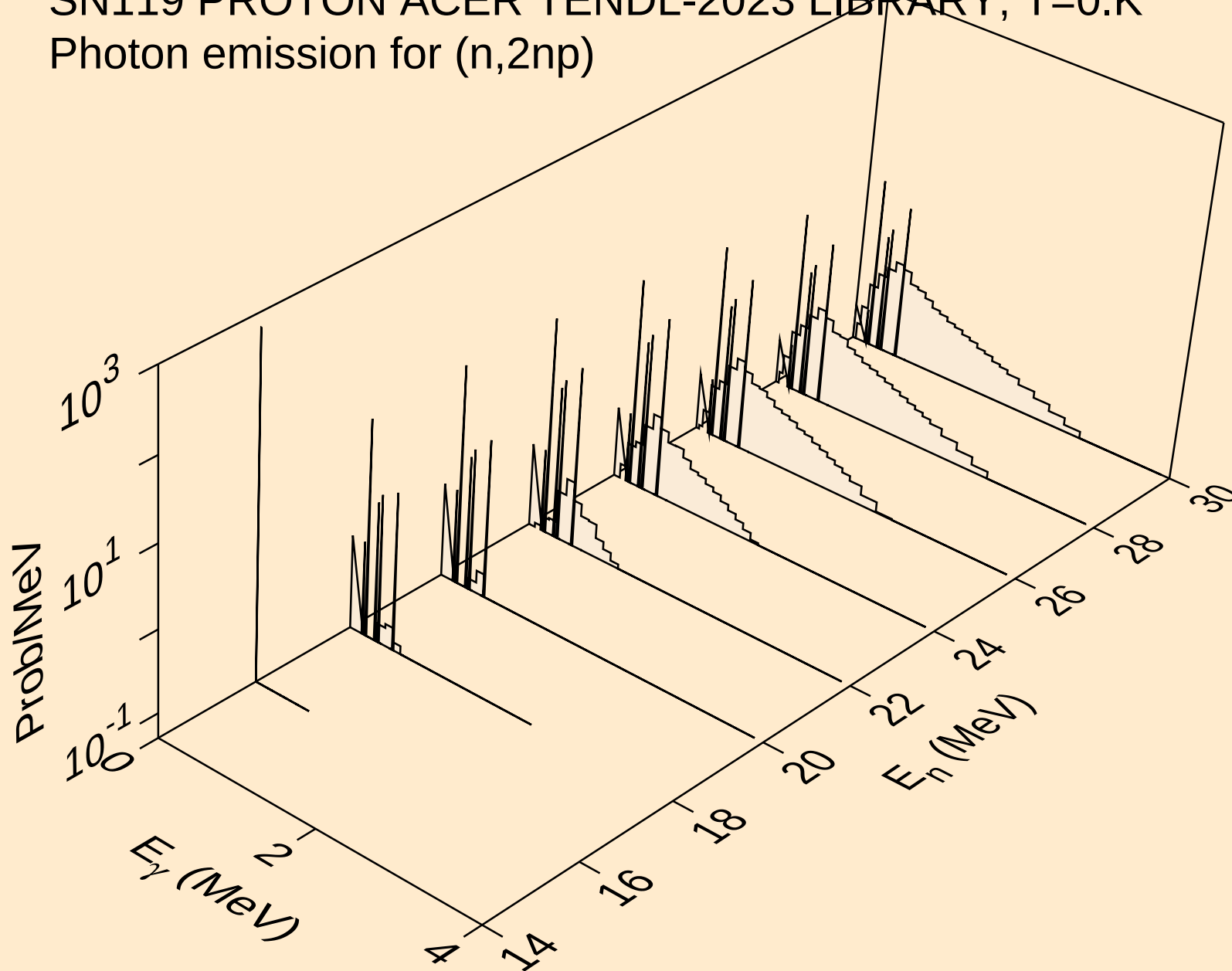
Photon emission for (n,n*)t



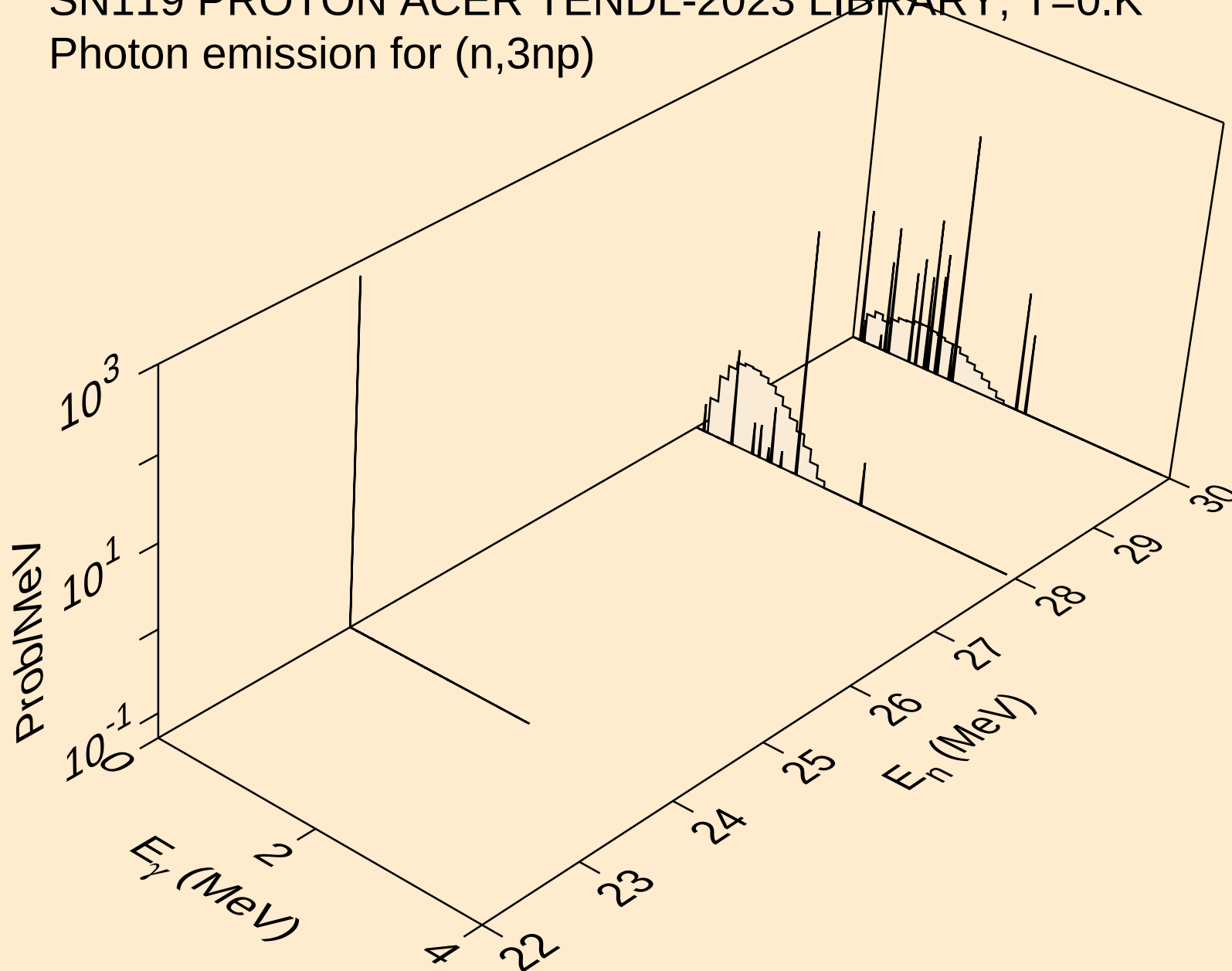
SN119 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)\text{he3}$



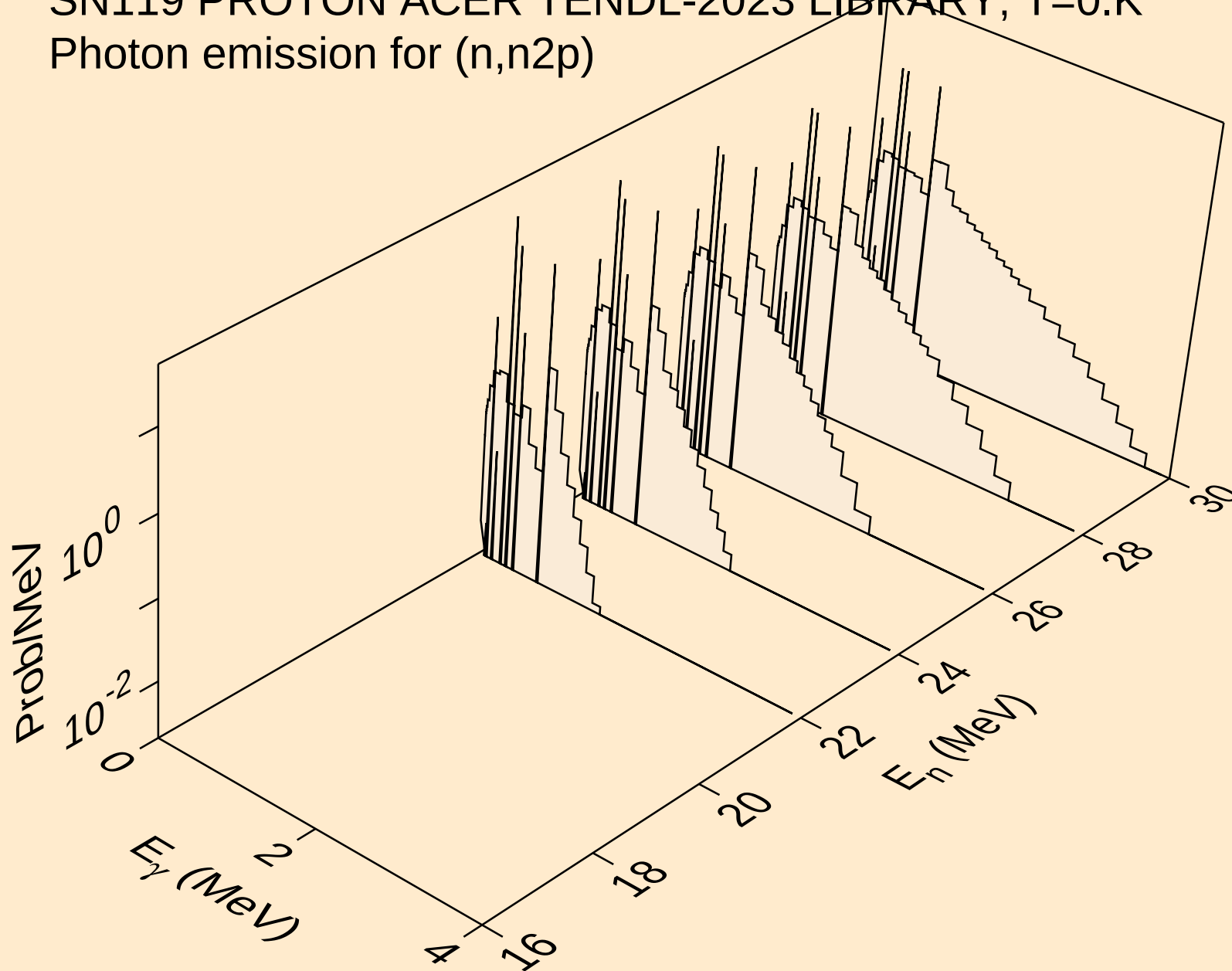
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



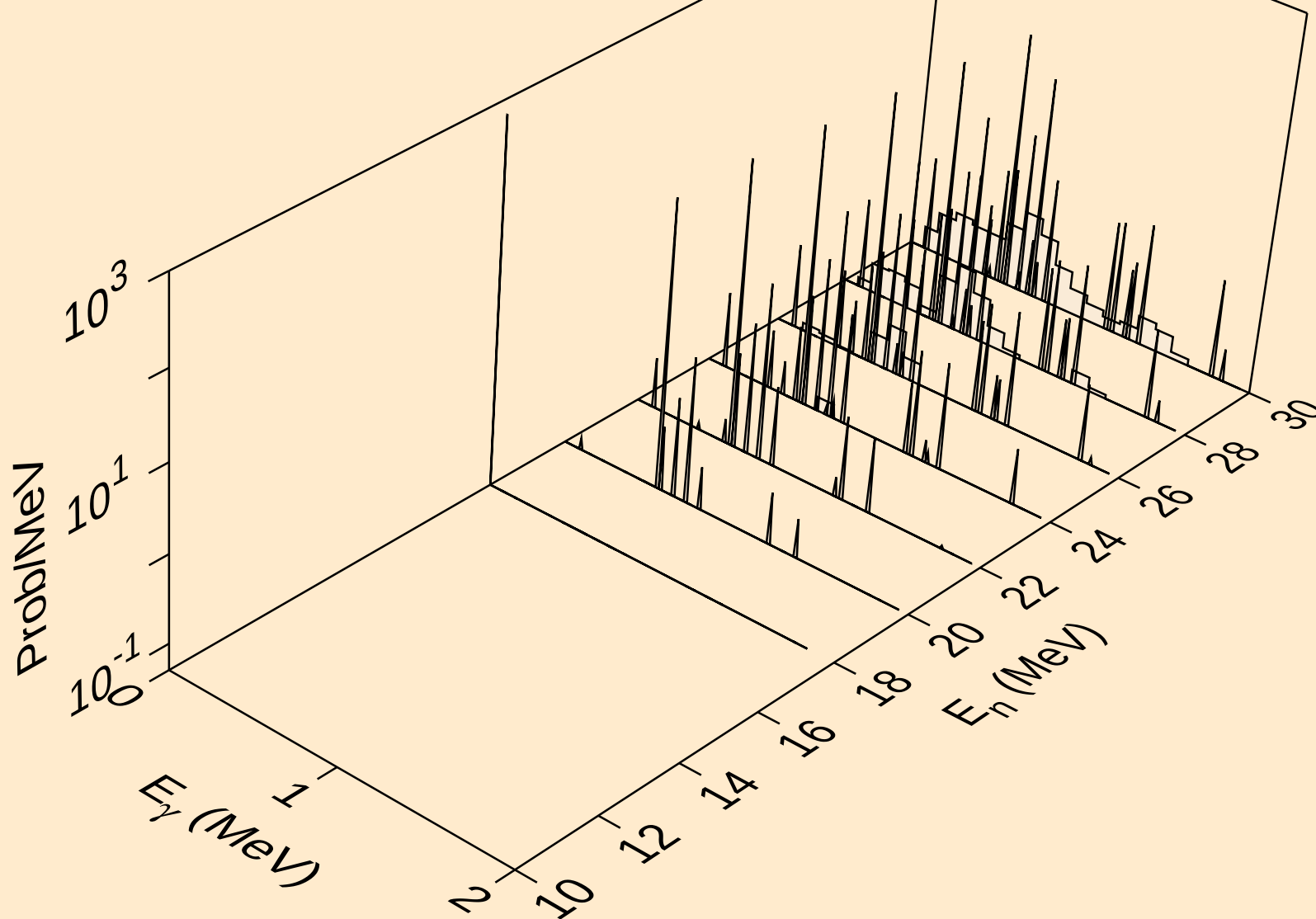
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



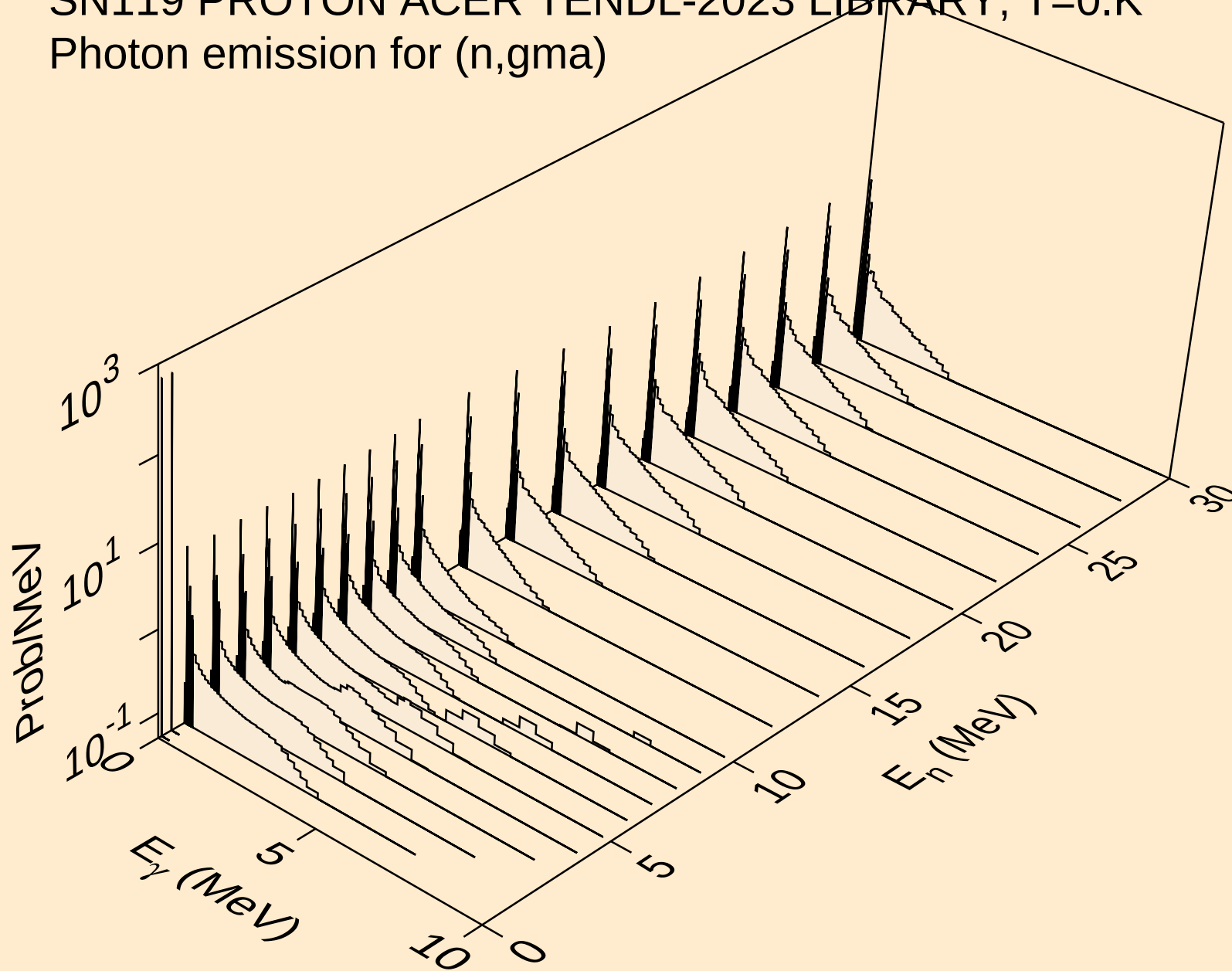
SN119 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n2p)



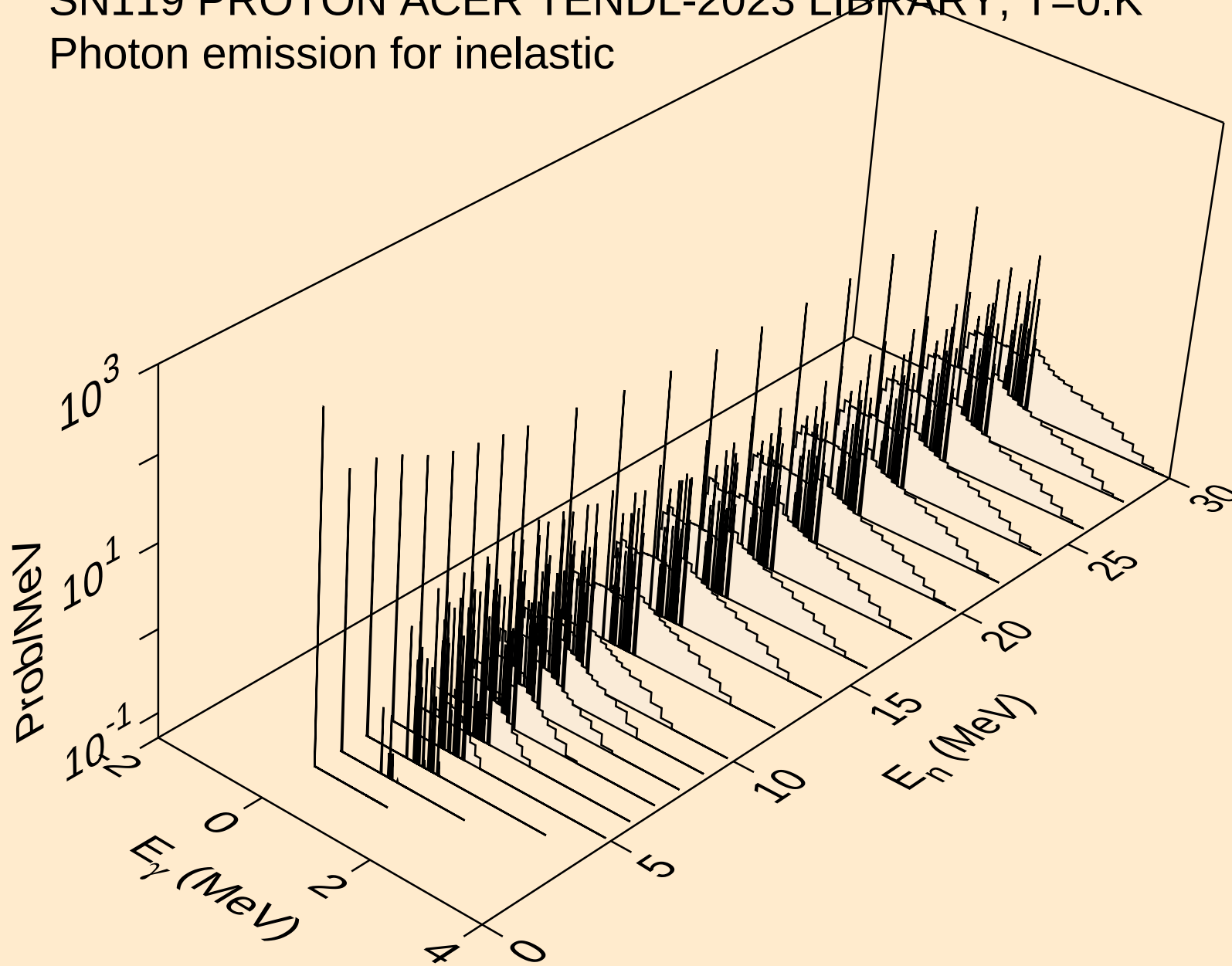
SN119 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,npa)



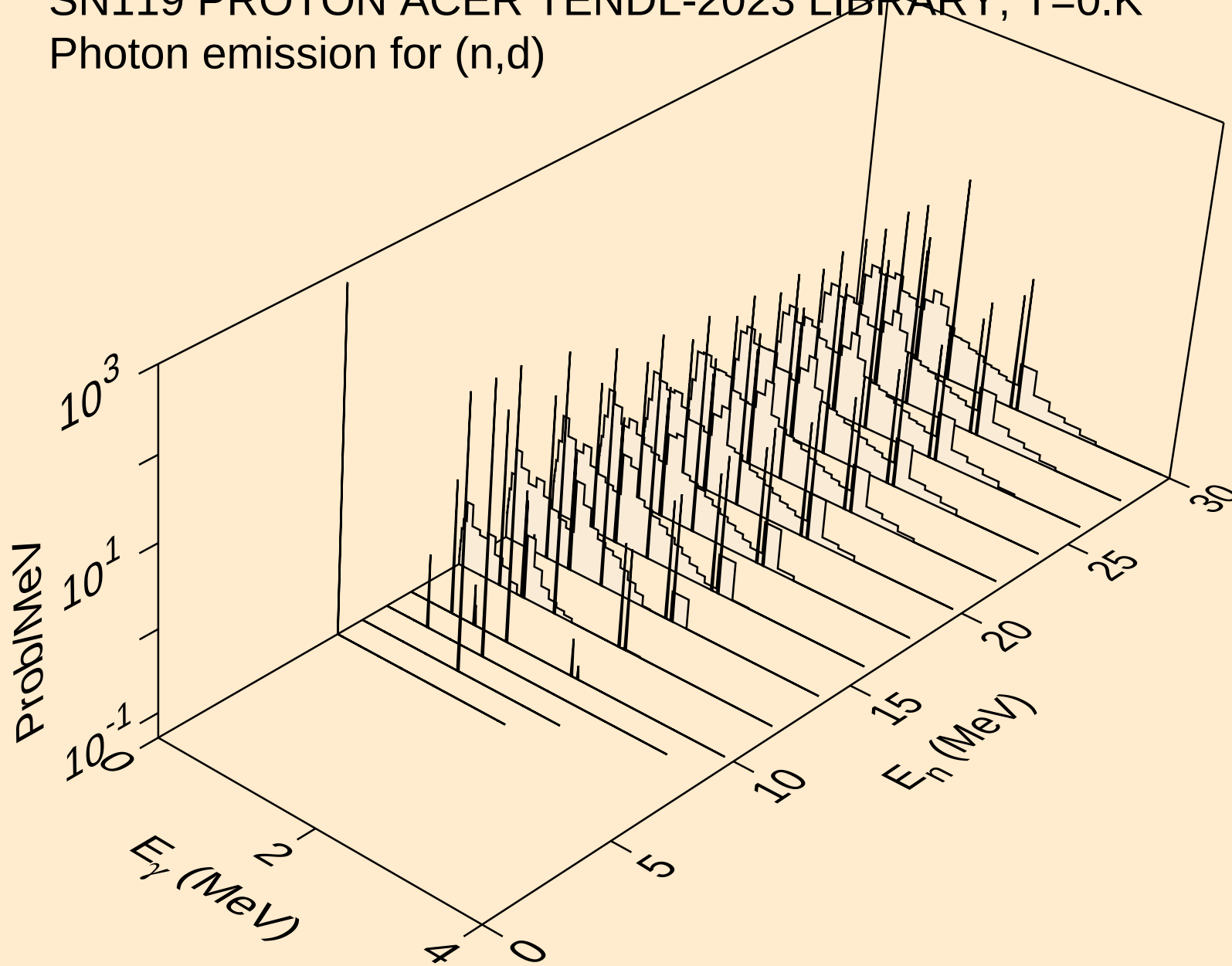
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



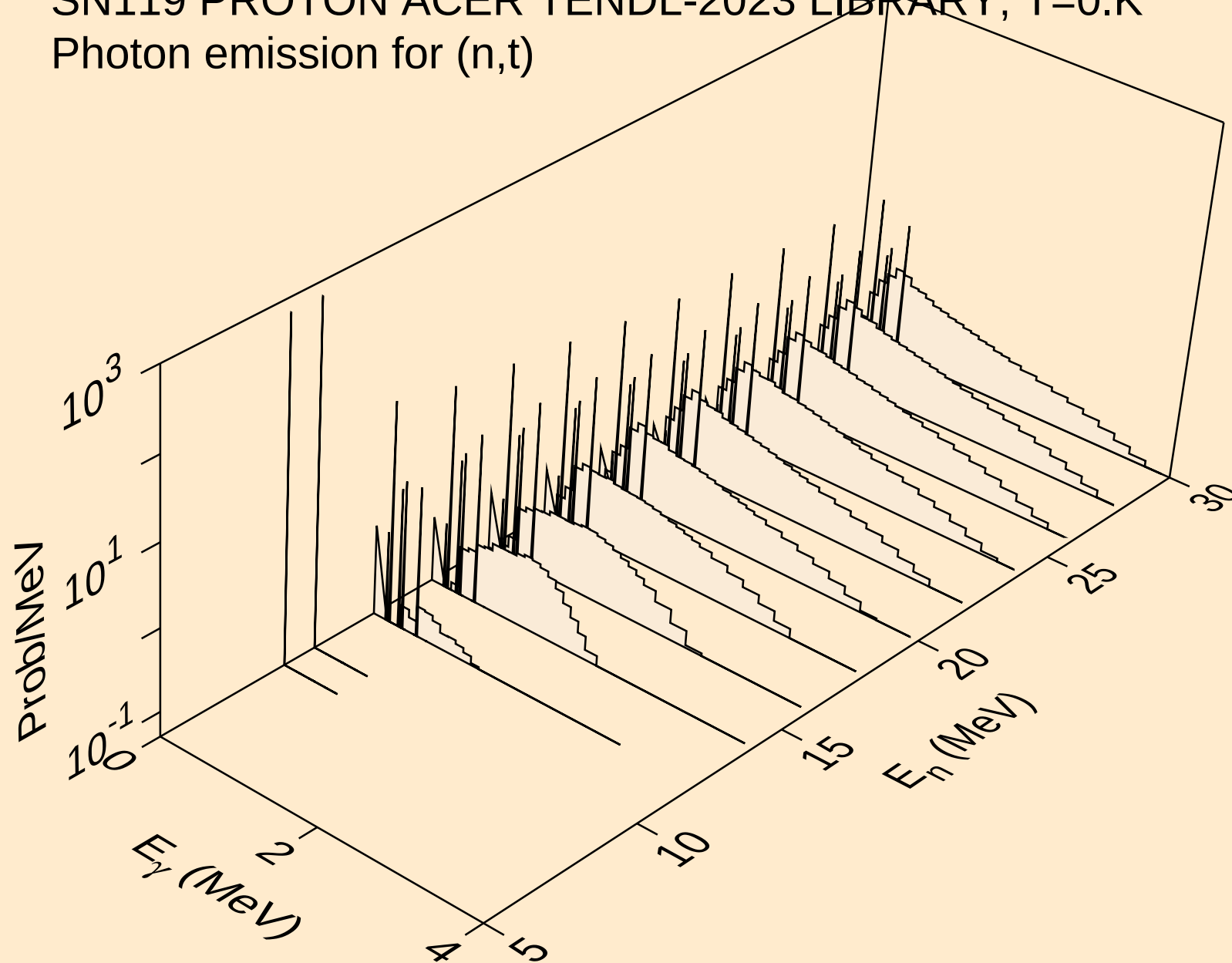
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



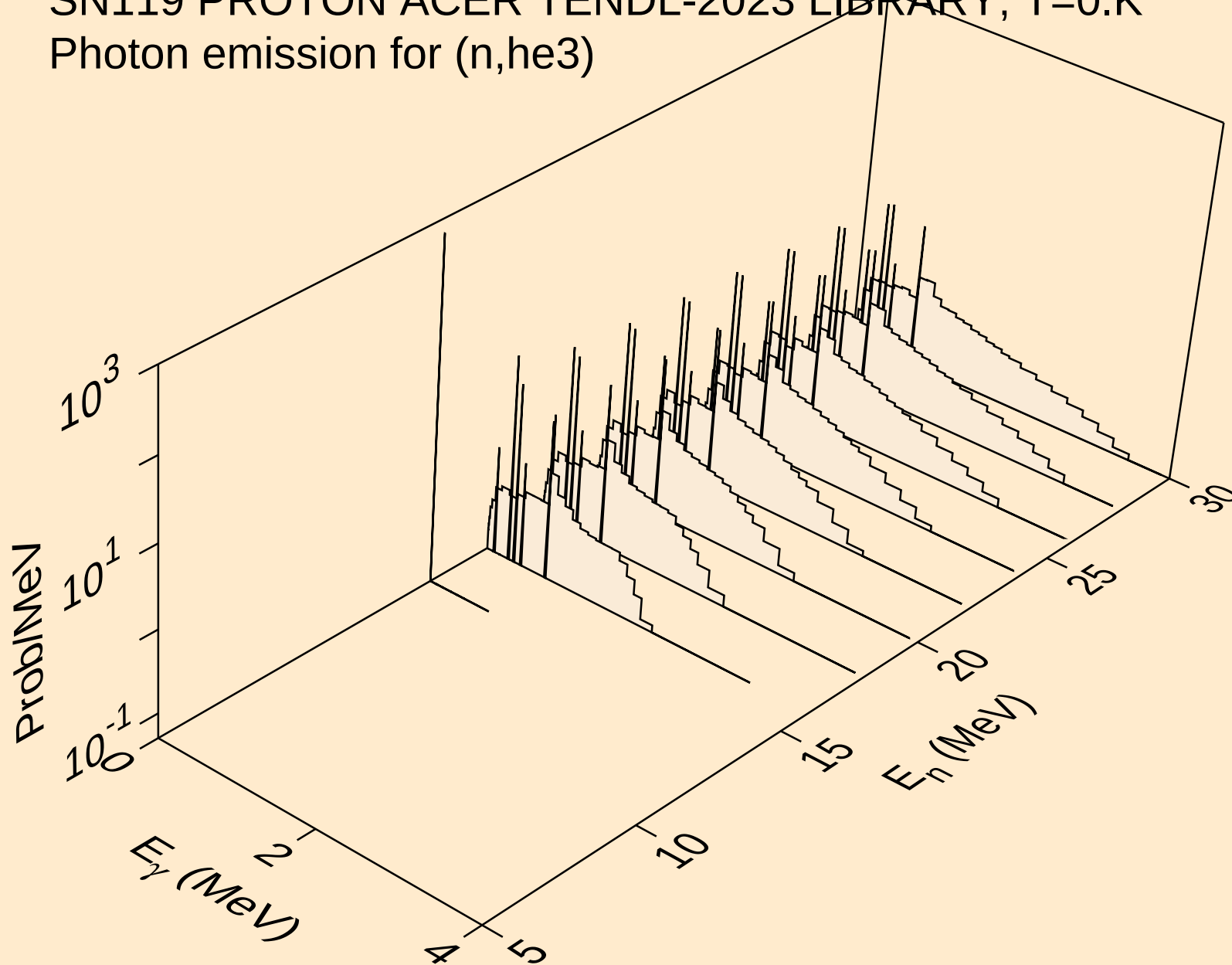
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



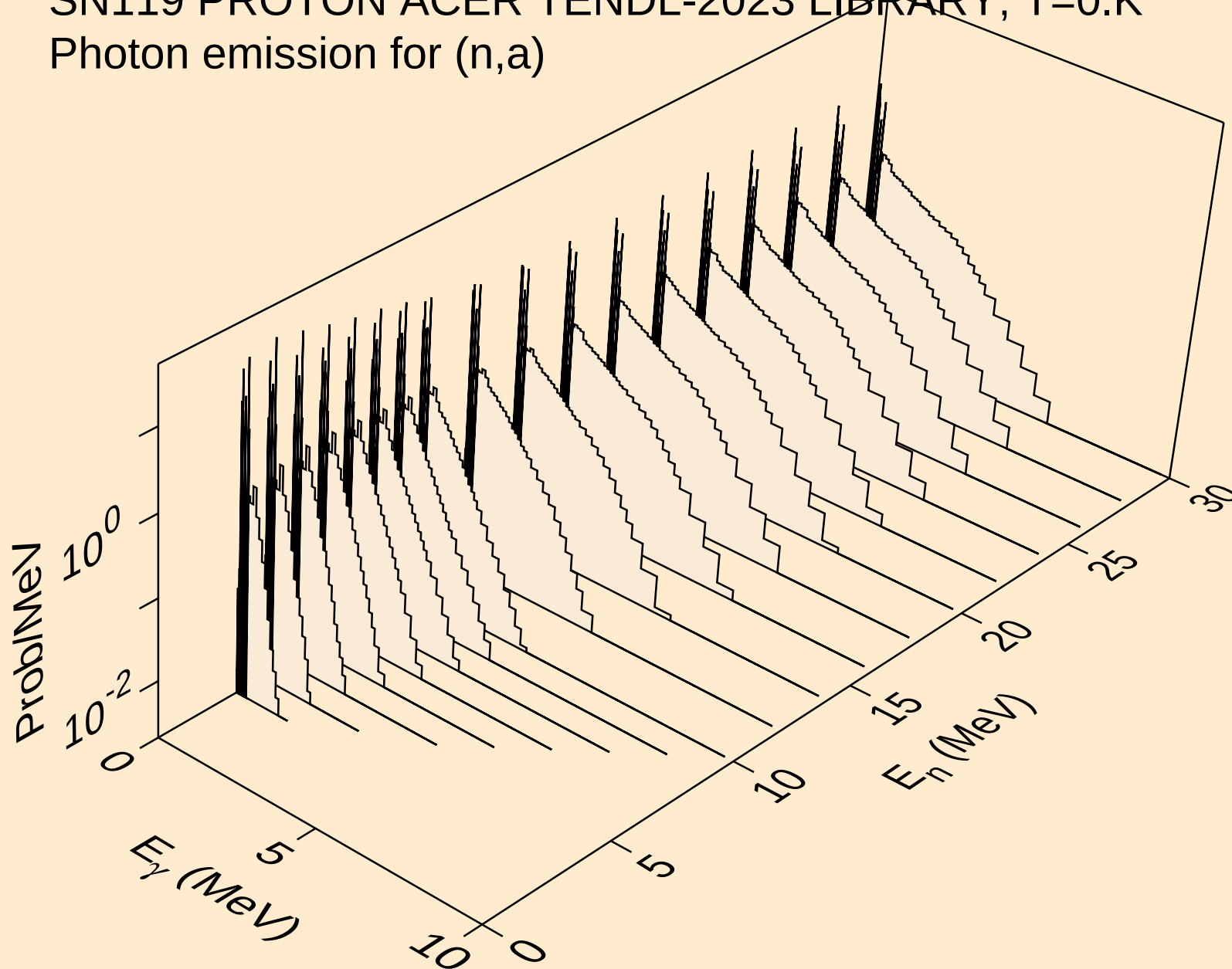
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



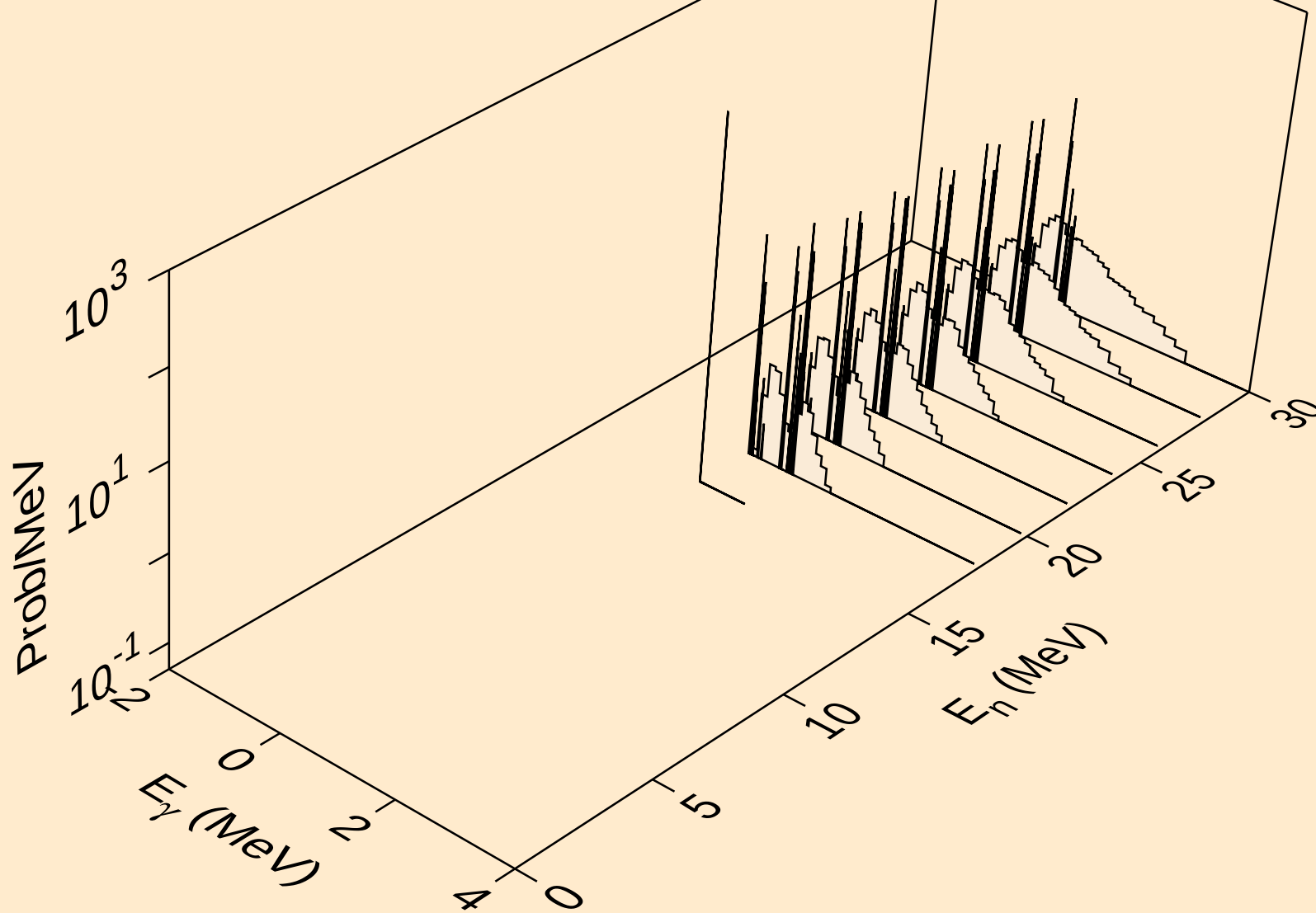
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



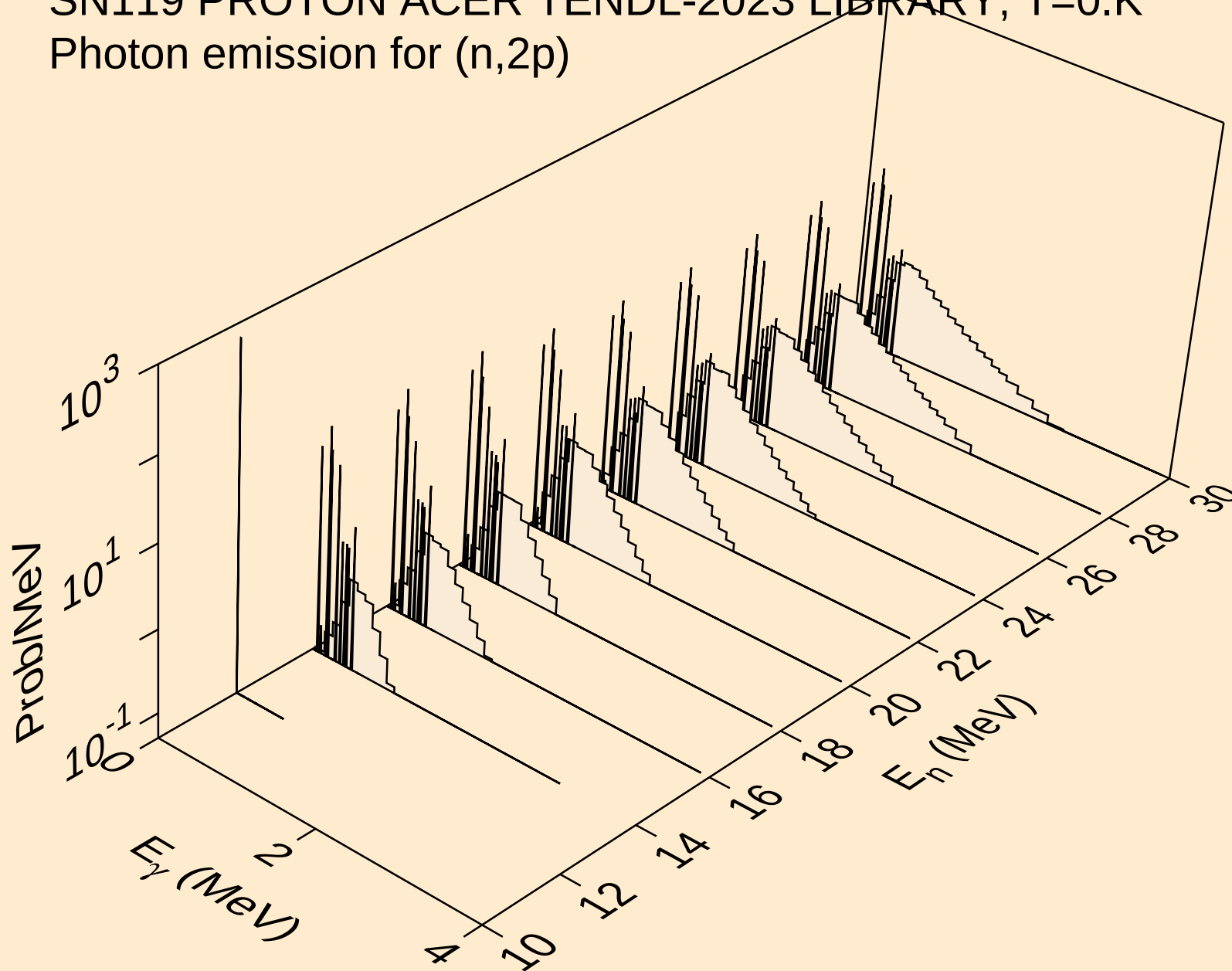
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)

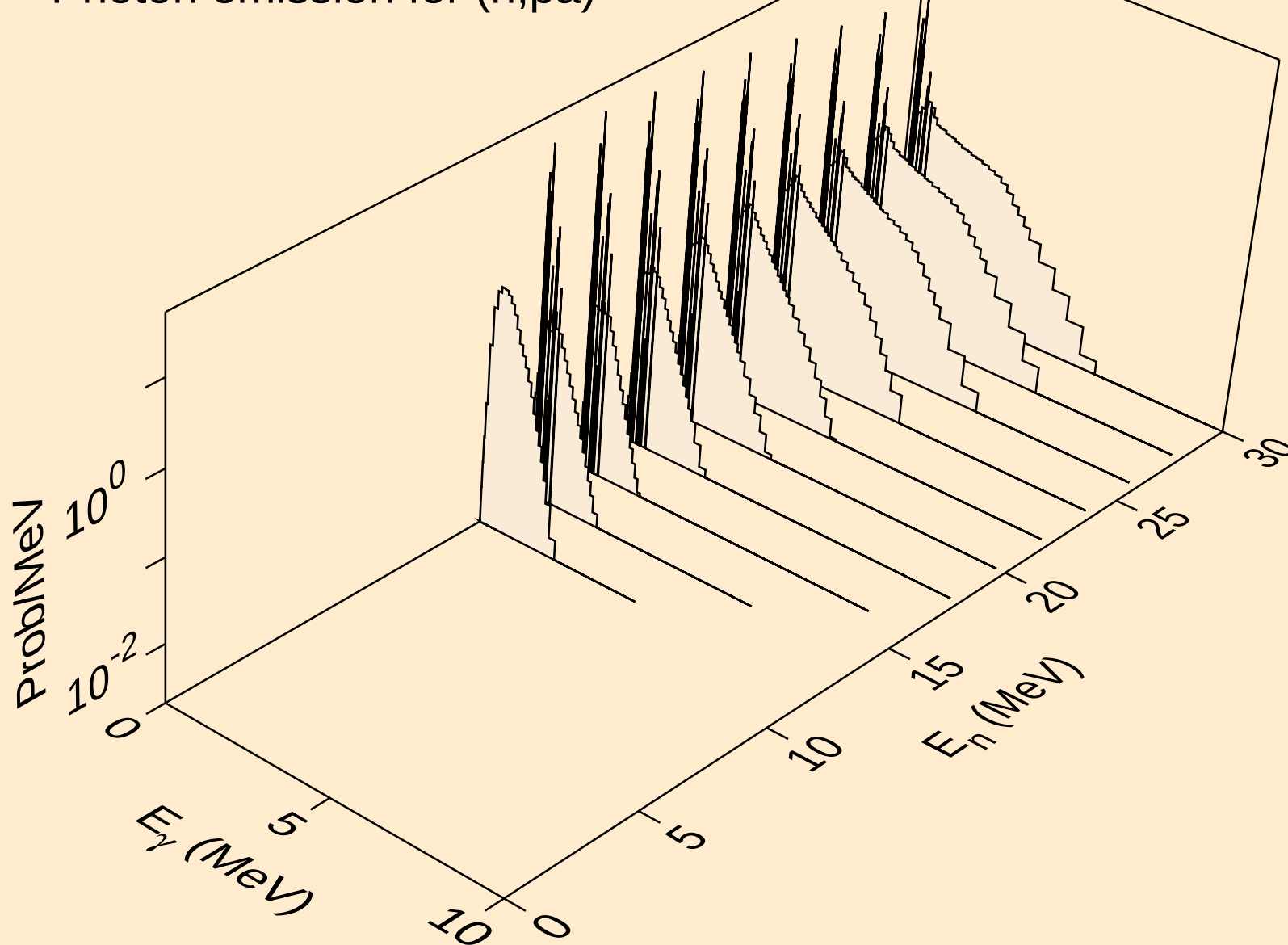


SN119 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2p)



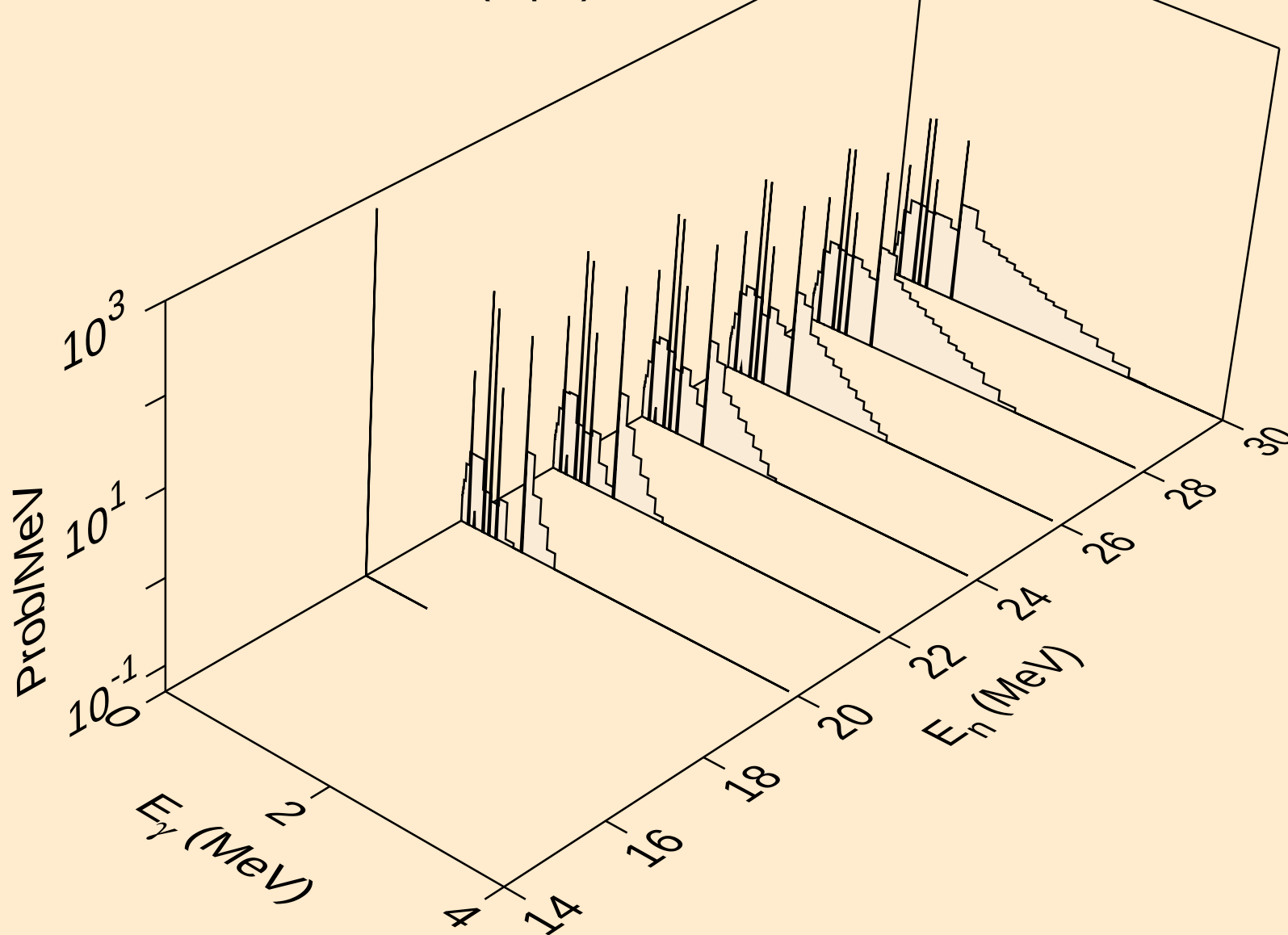
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,p) α



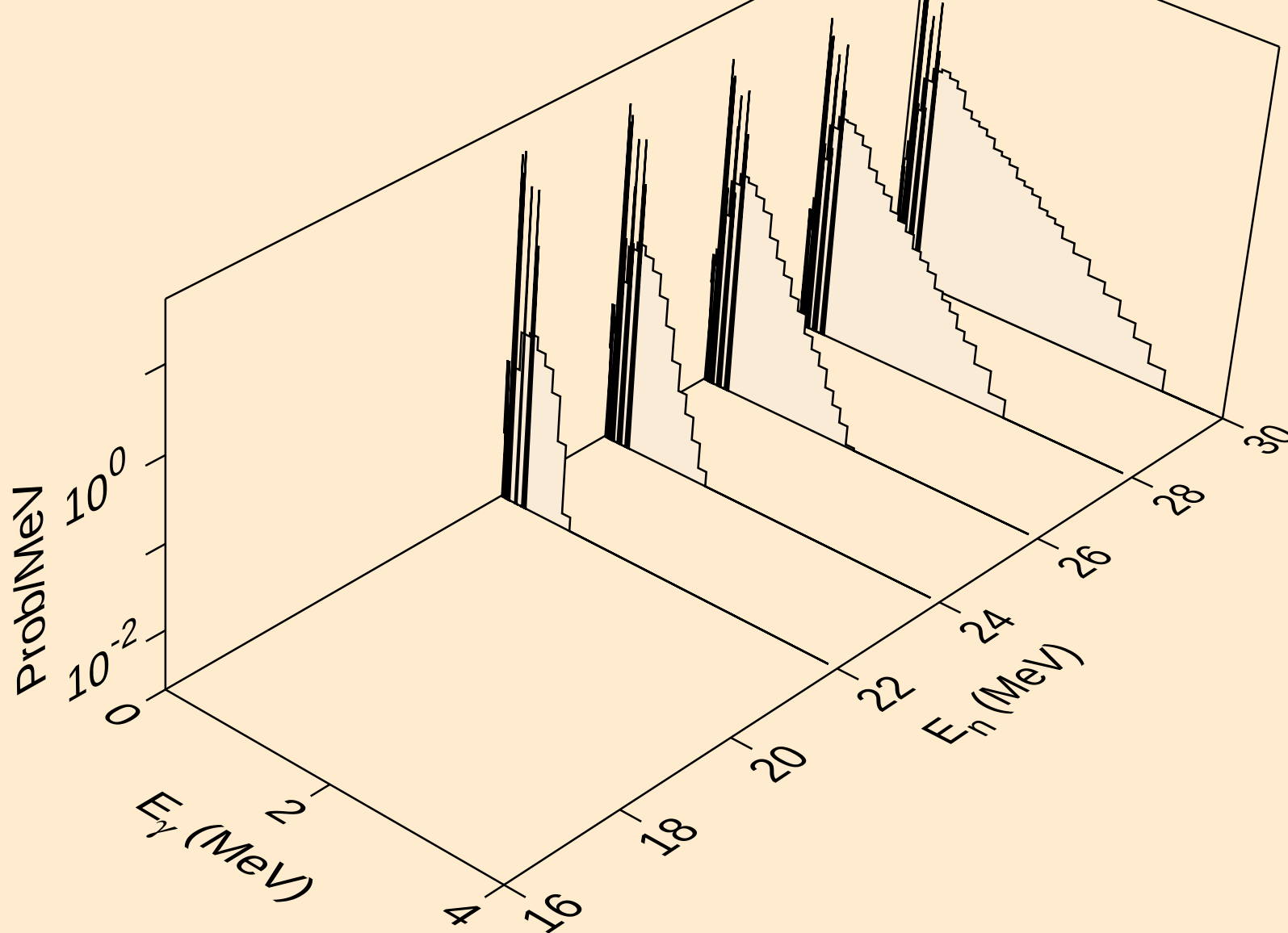
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pd)

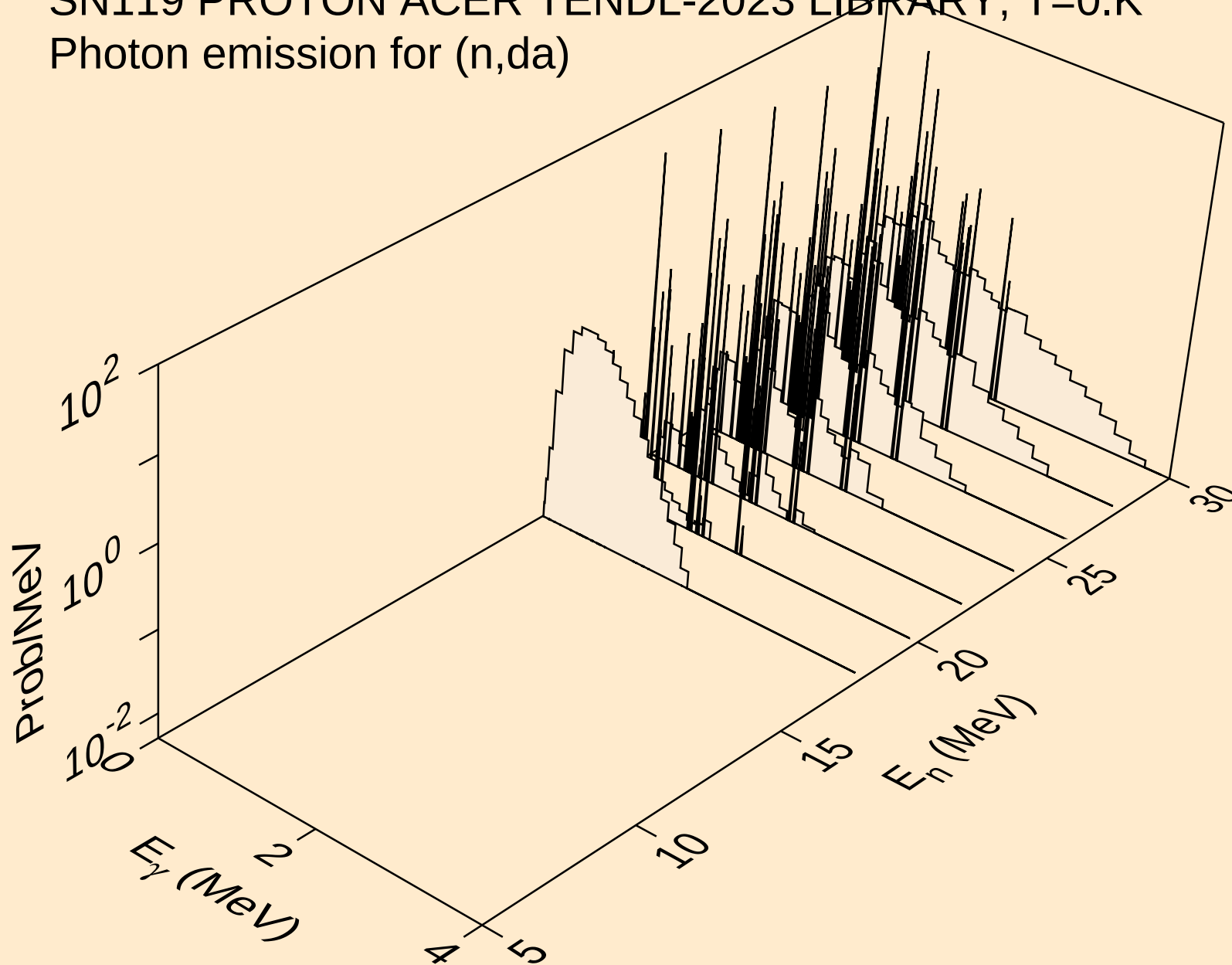


SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

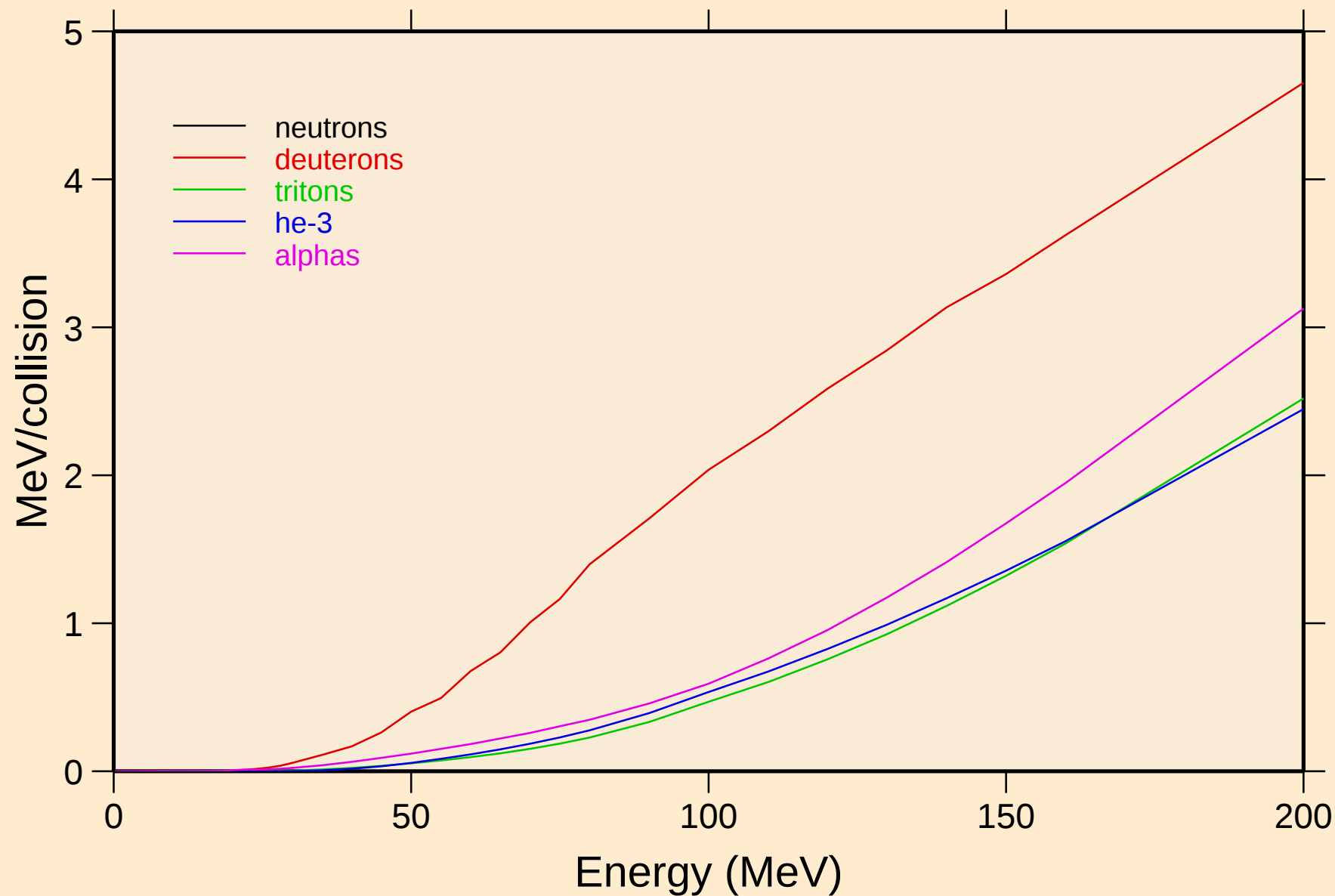


SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



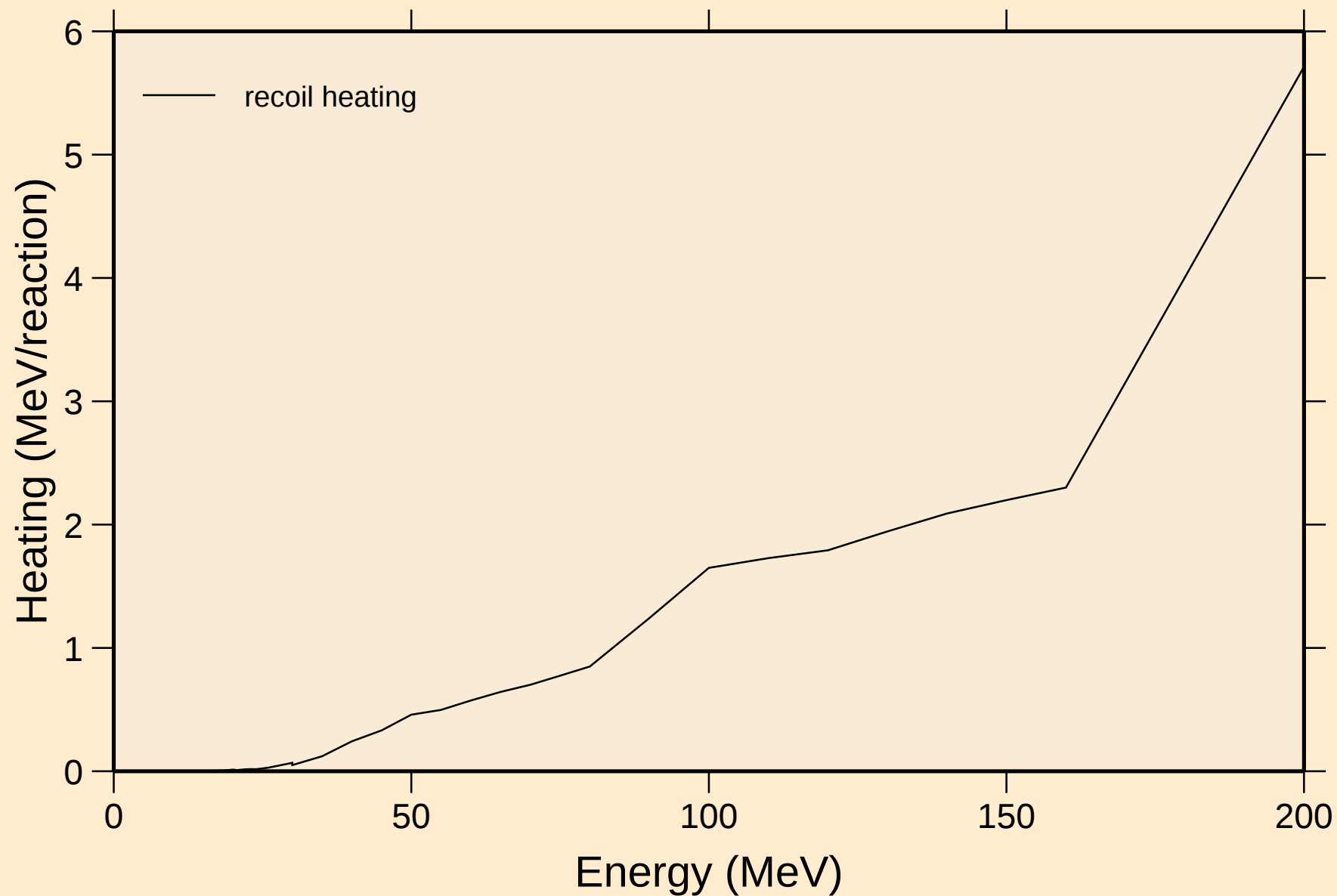
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



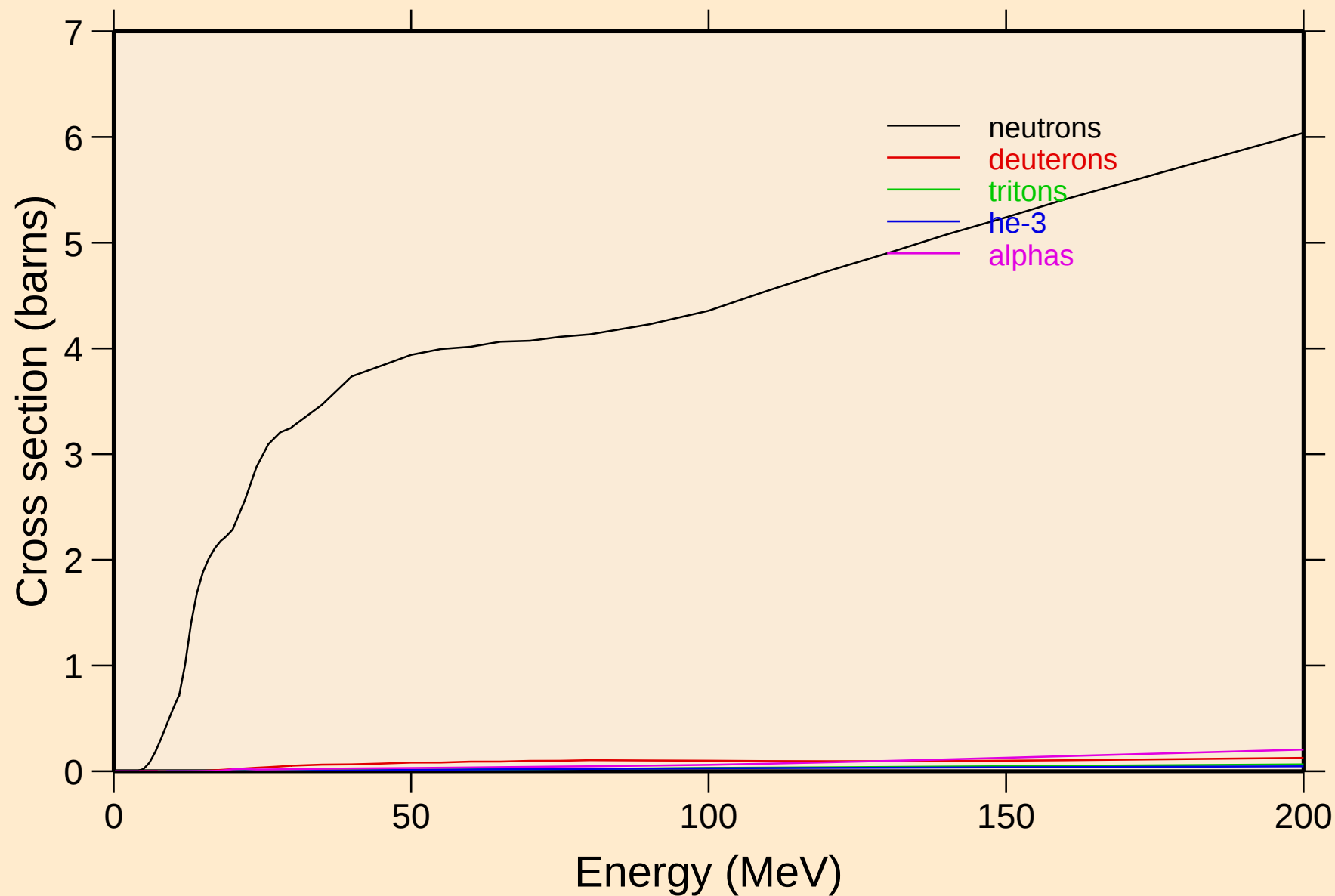
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

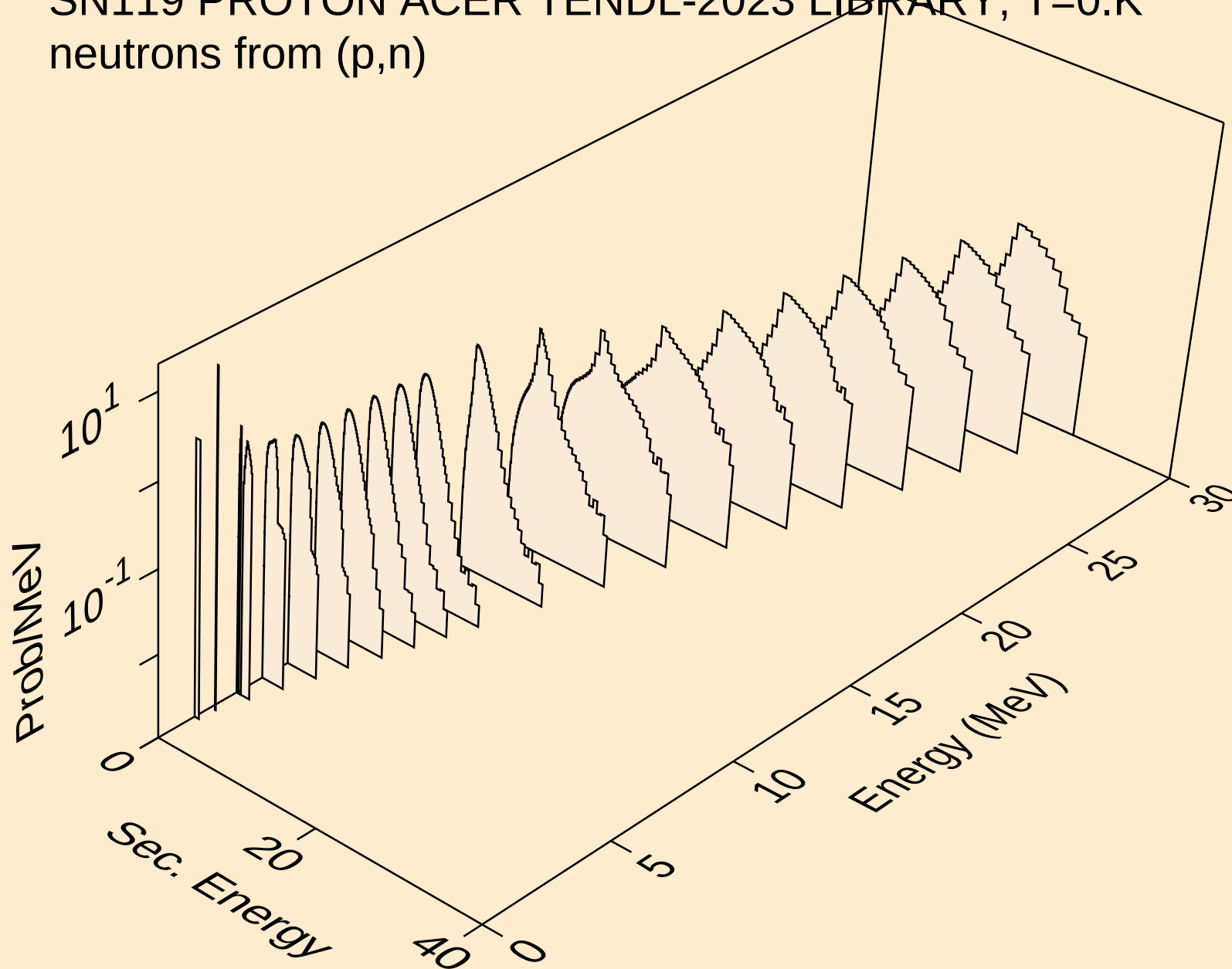


SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

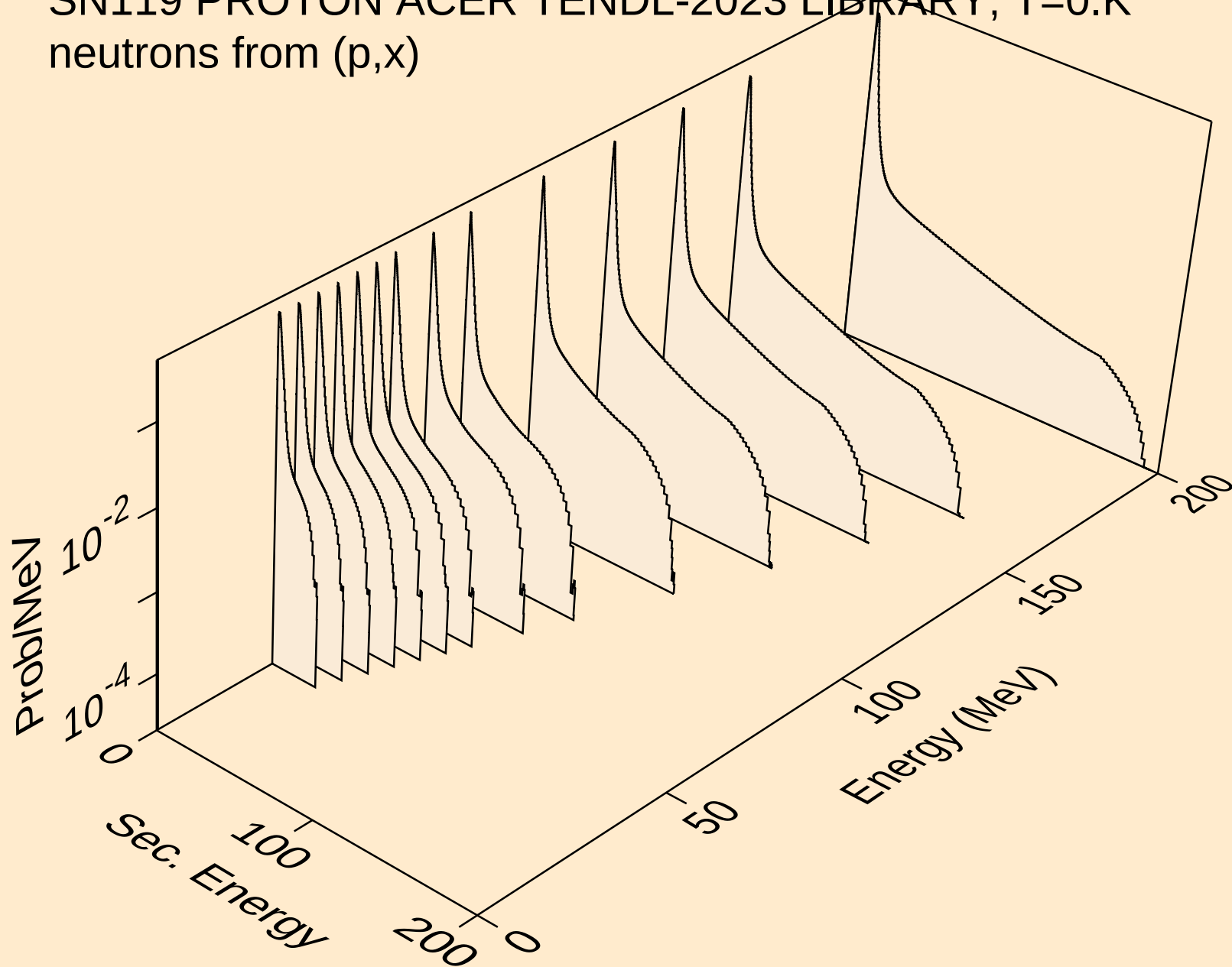
Particle production cross sections



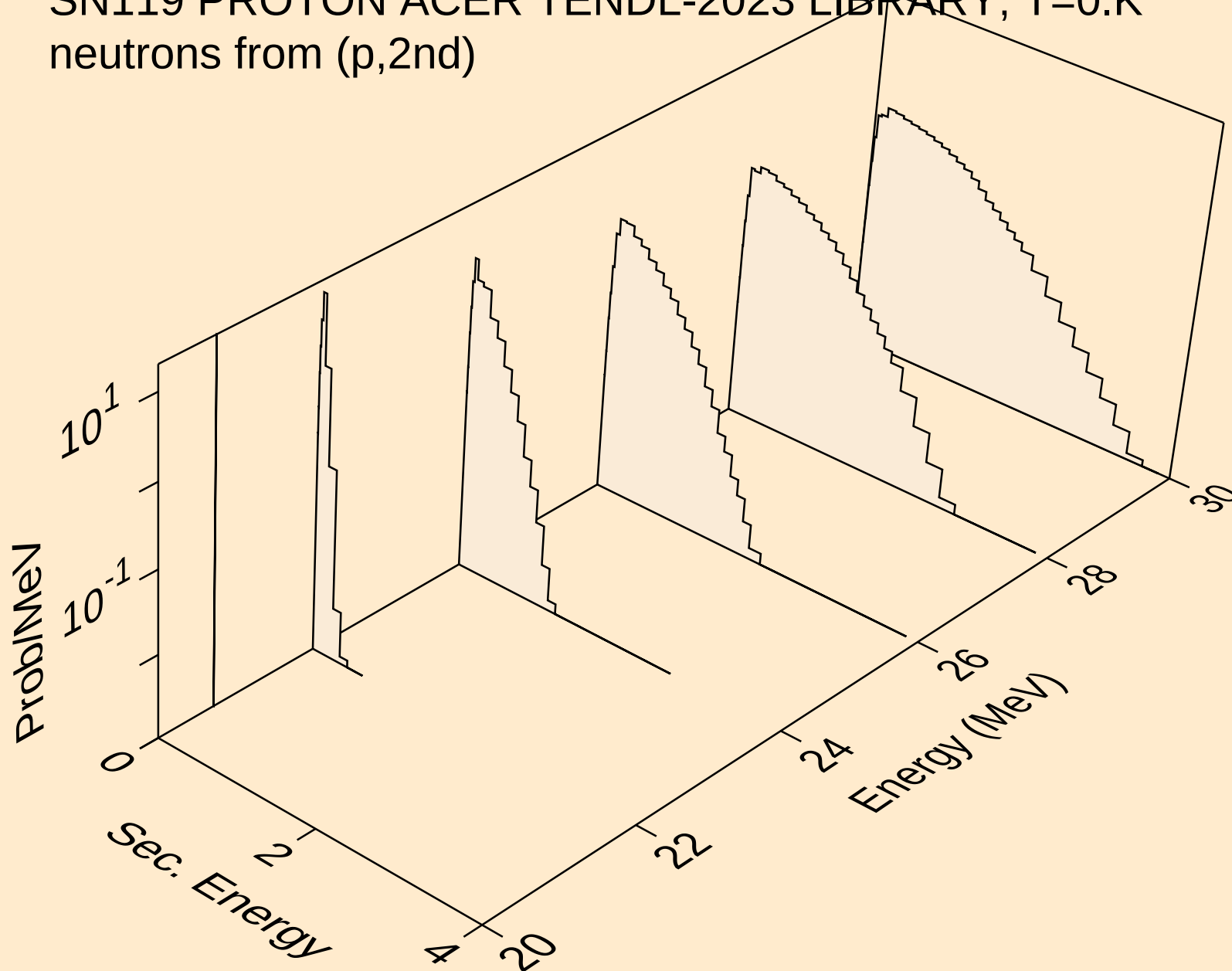
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



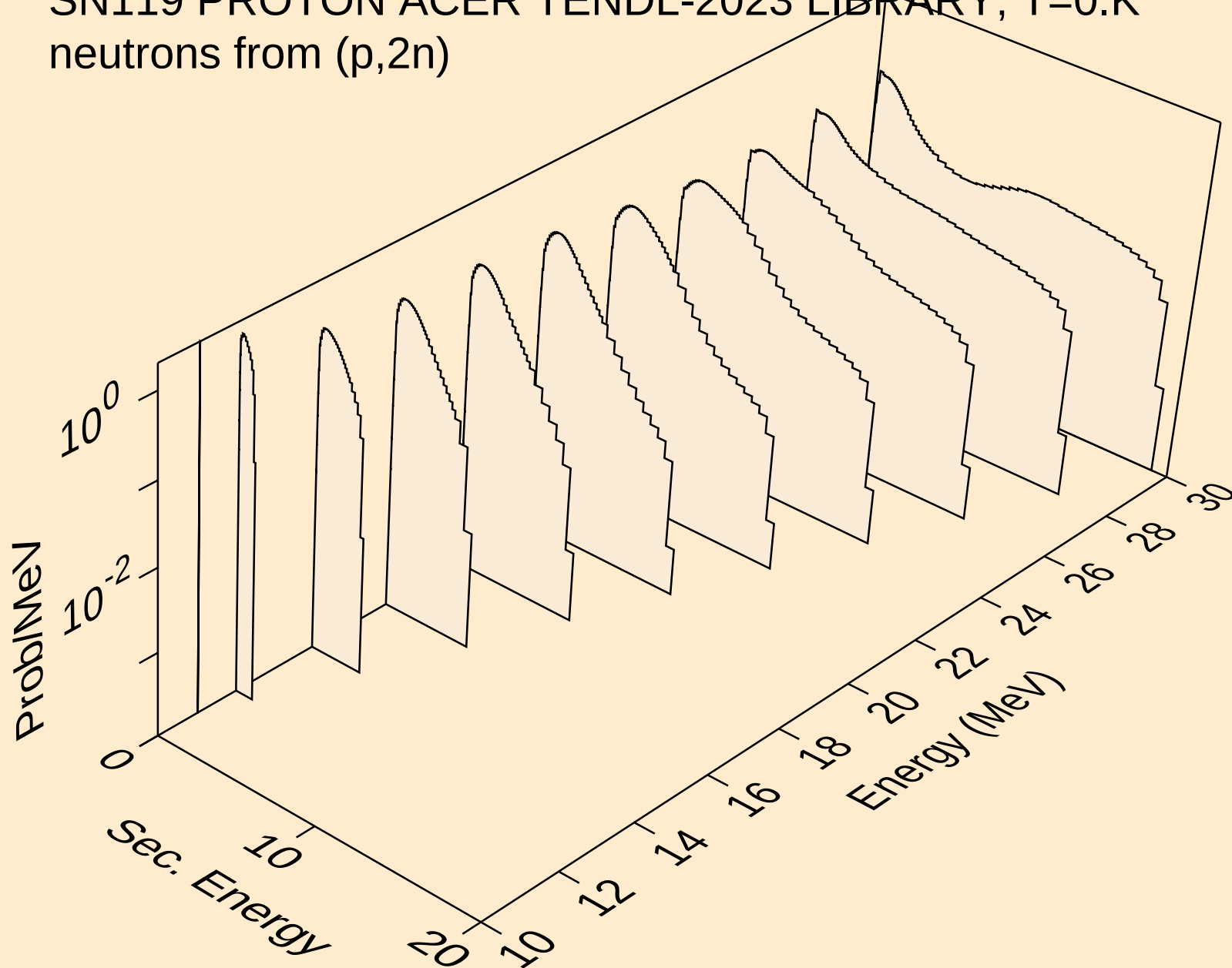
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



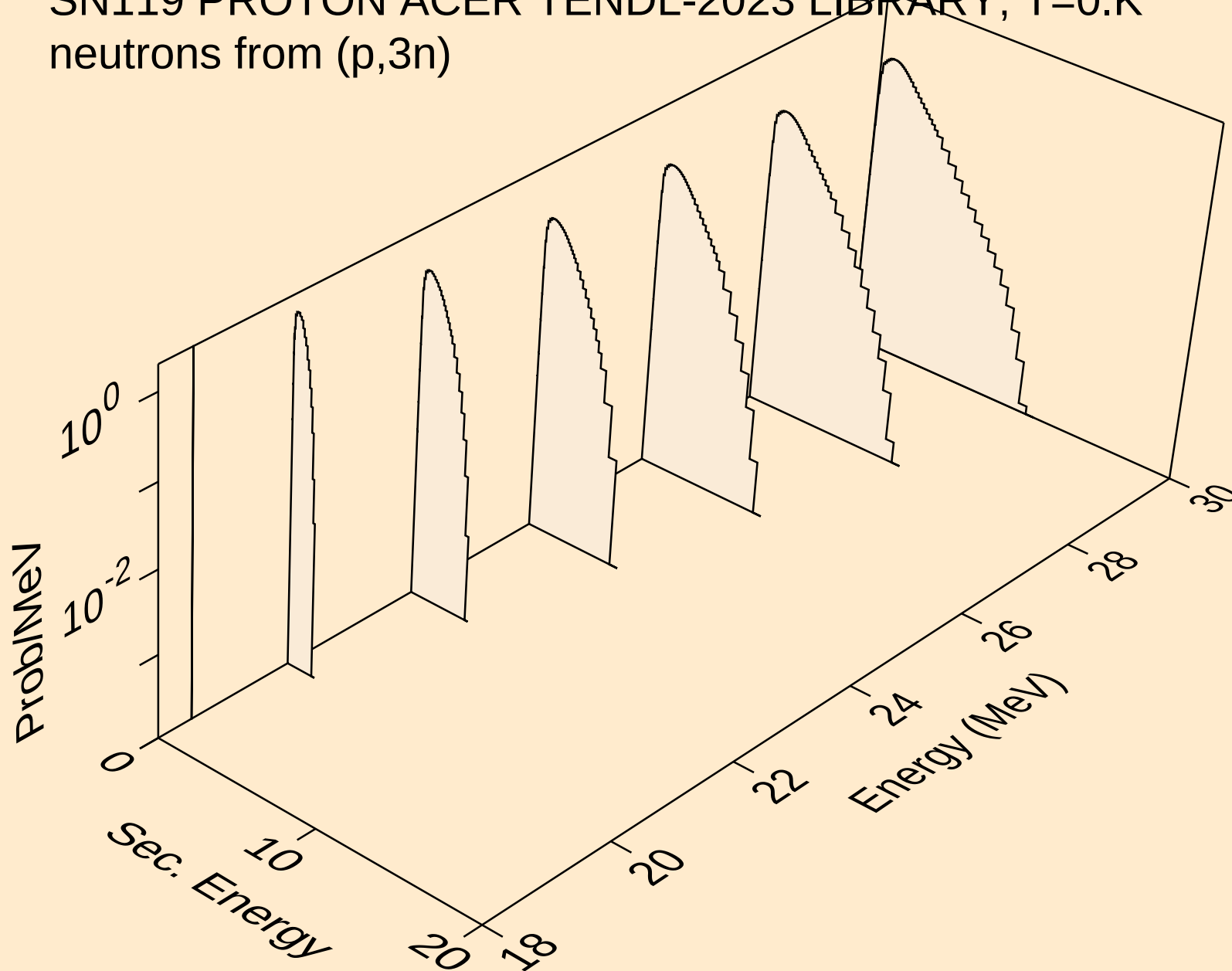
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2nd)



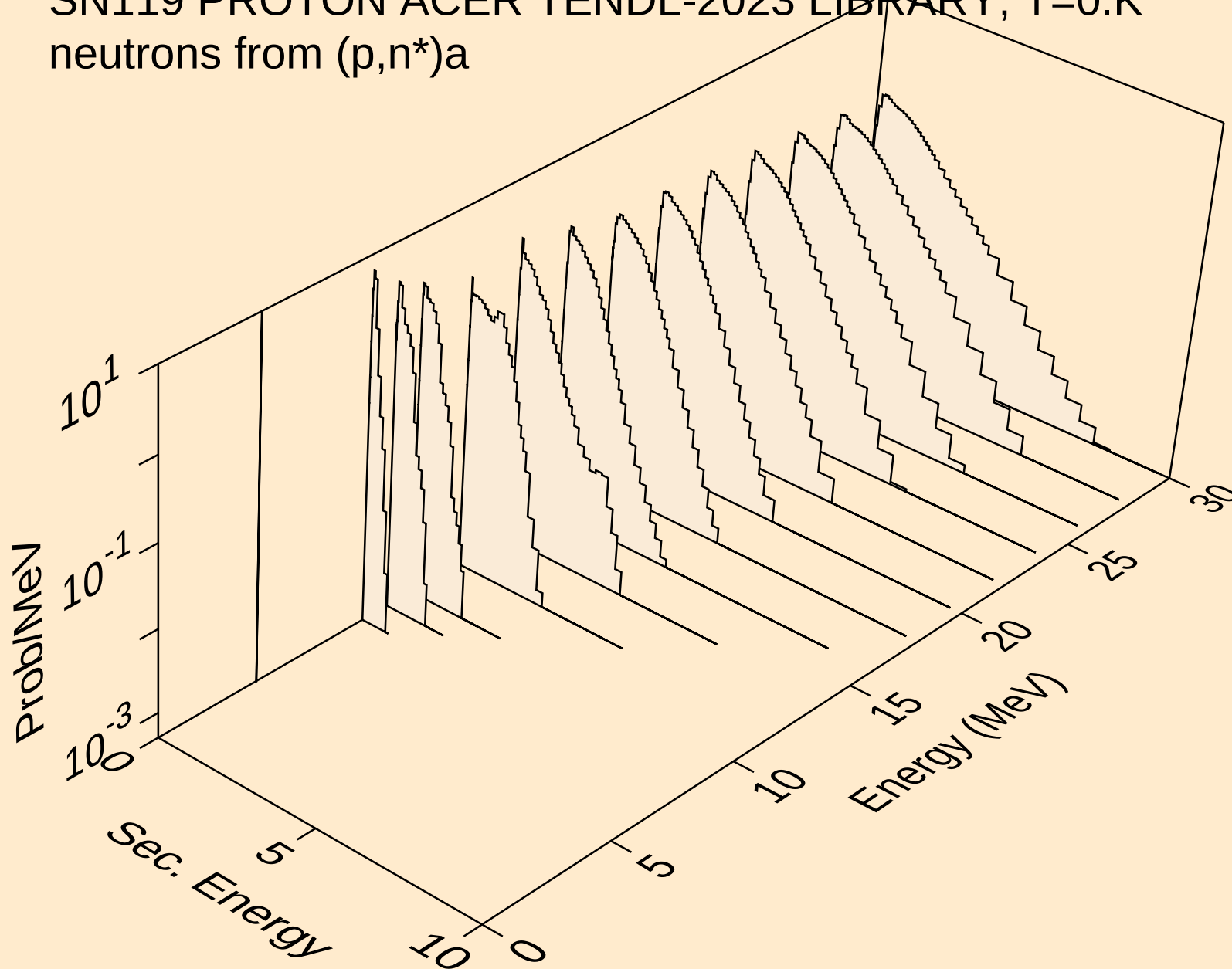
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



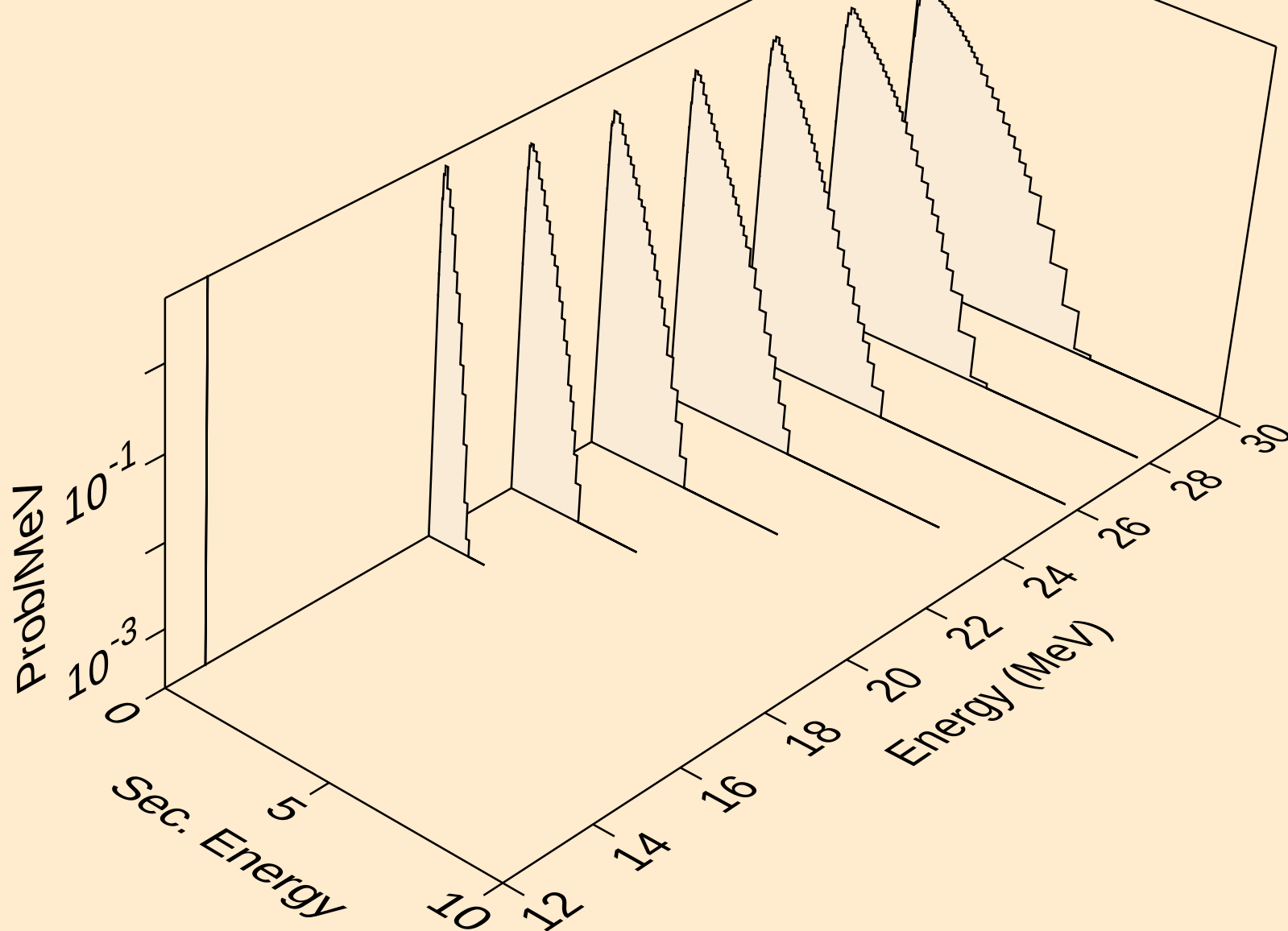
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



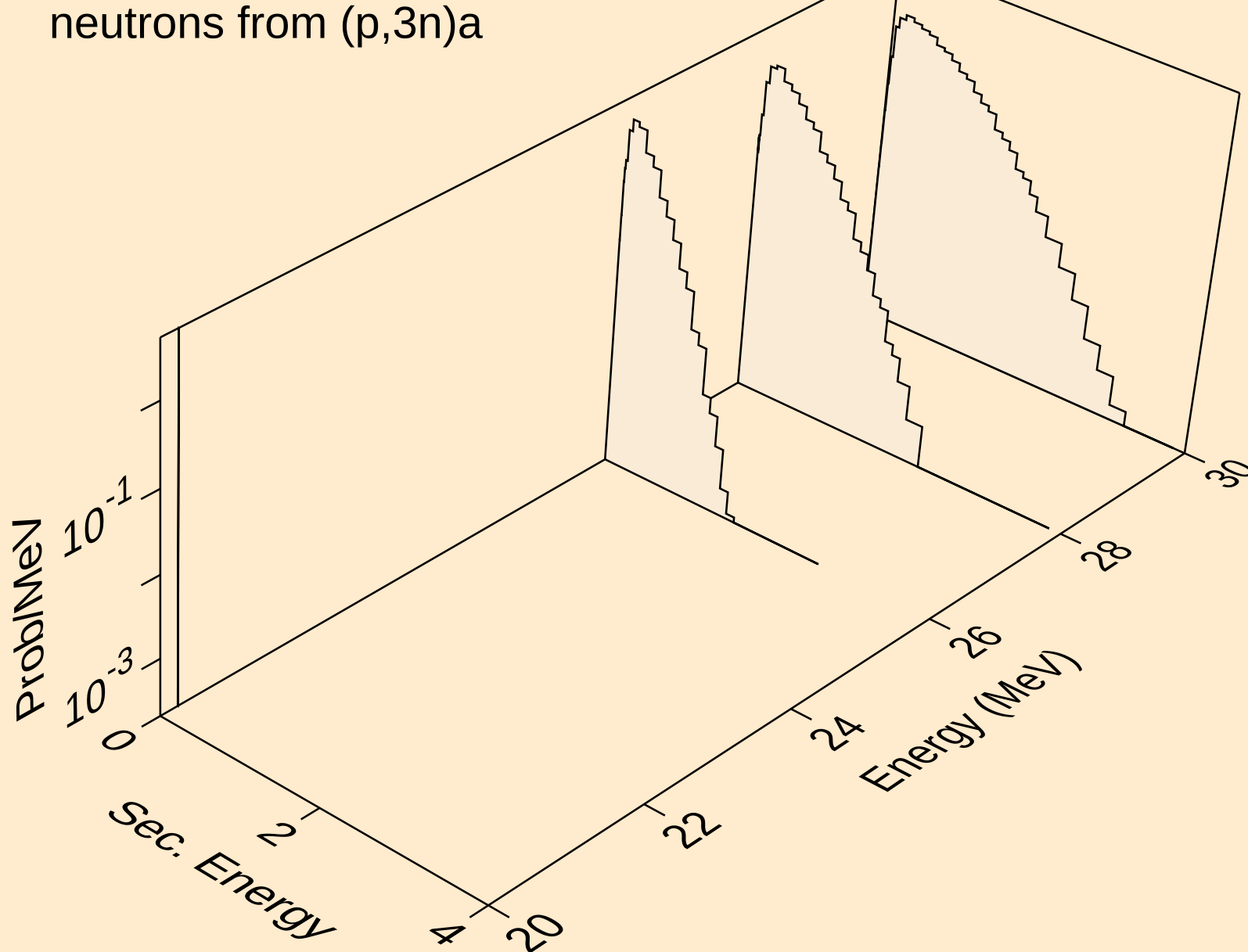
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)a



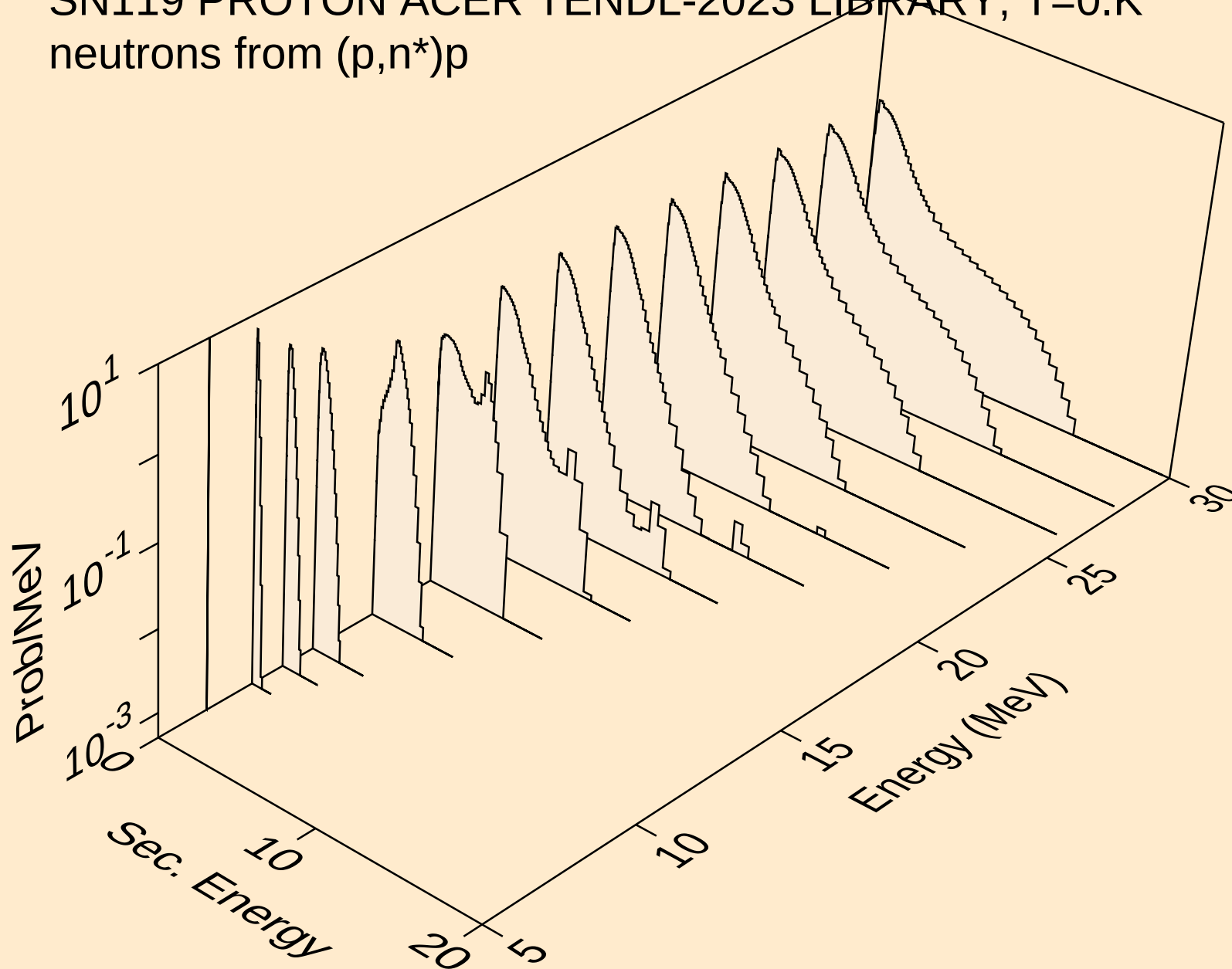
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



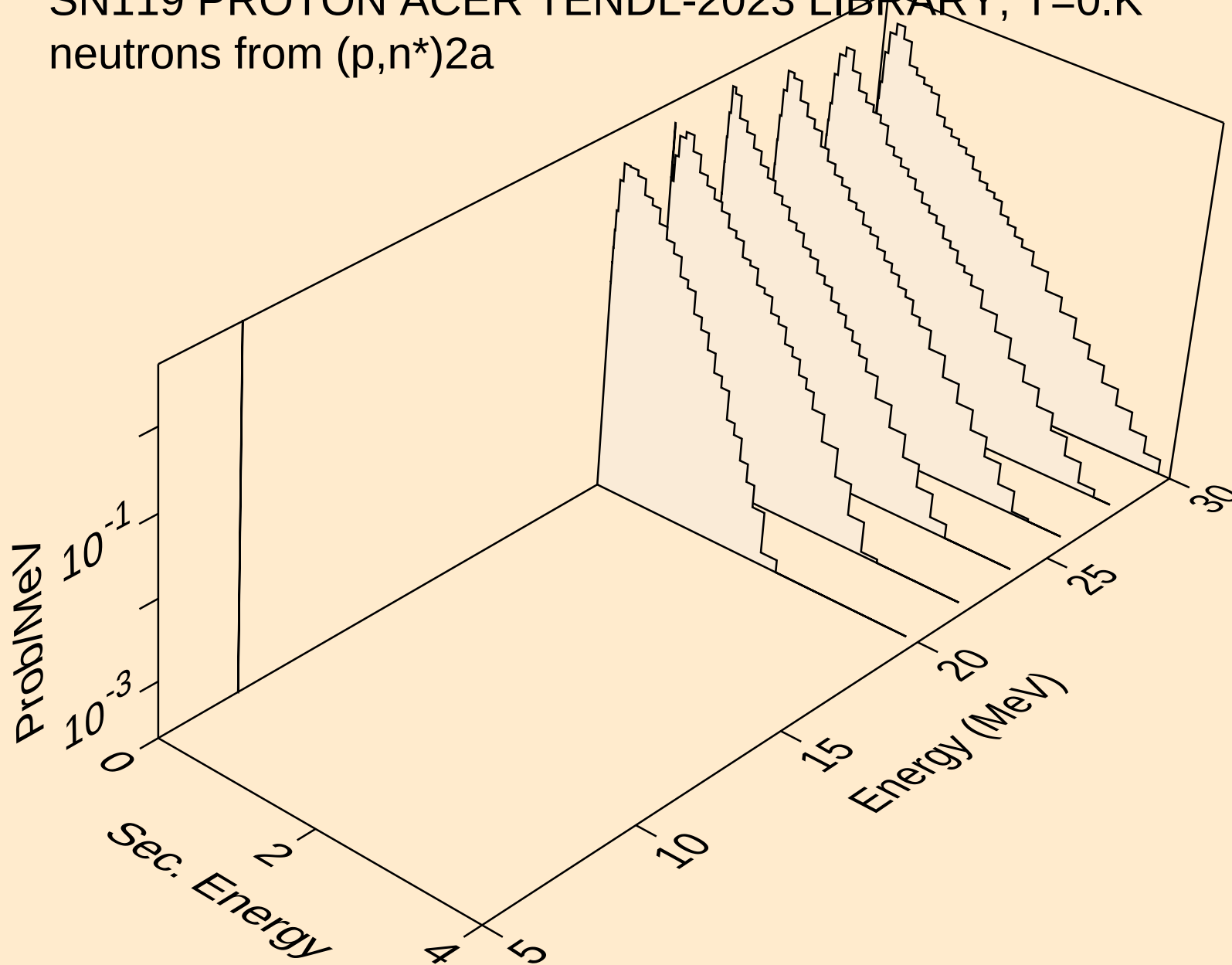
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)a



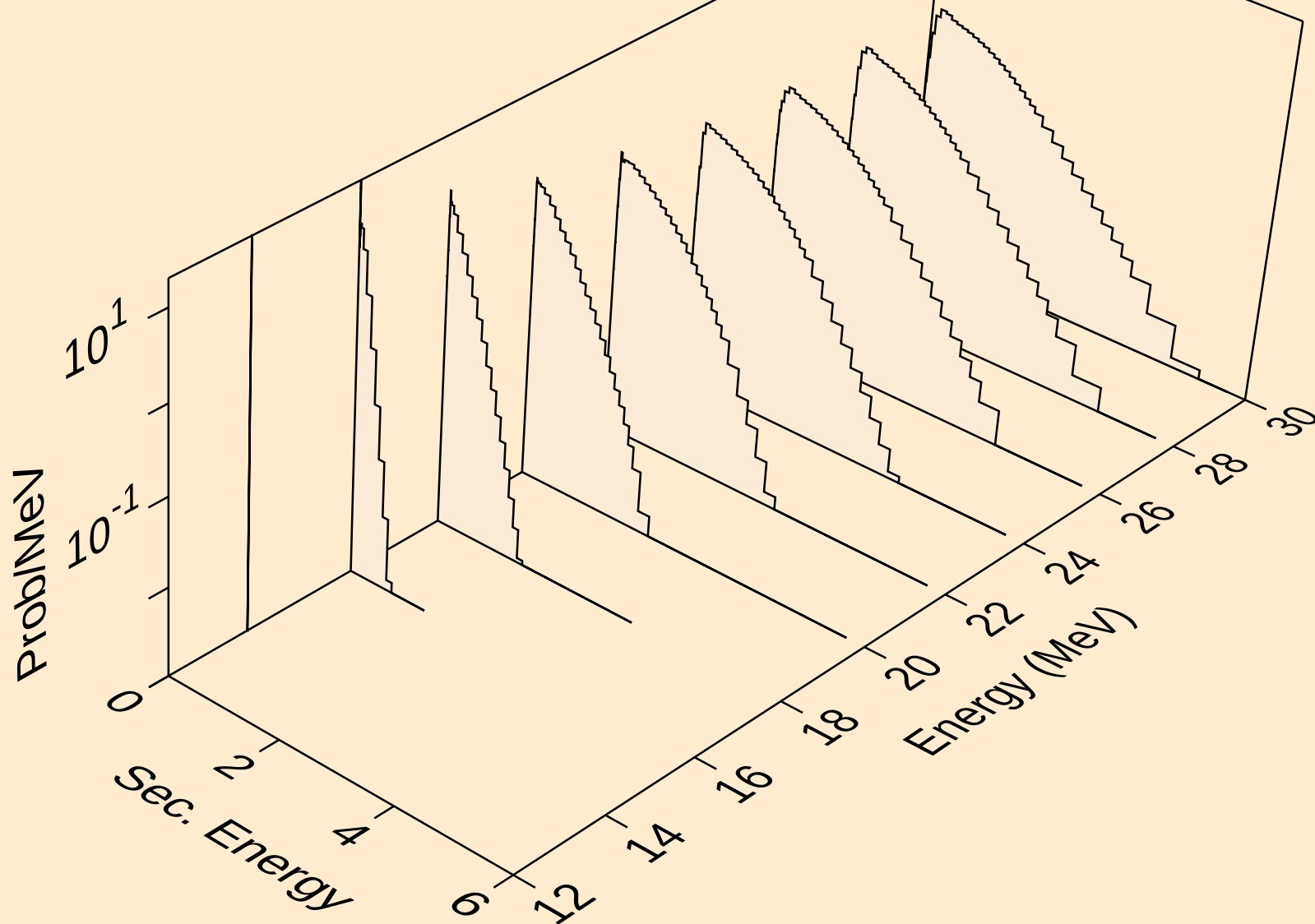
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)p



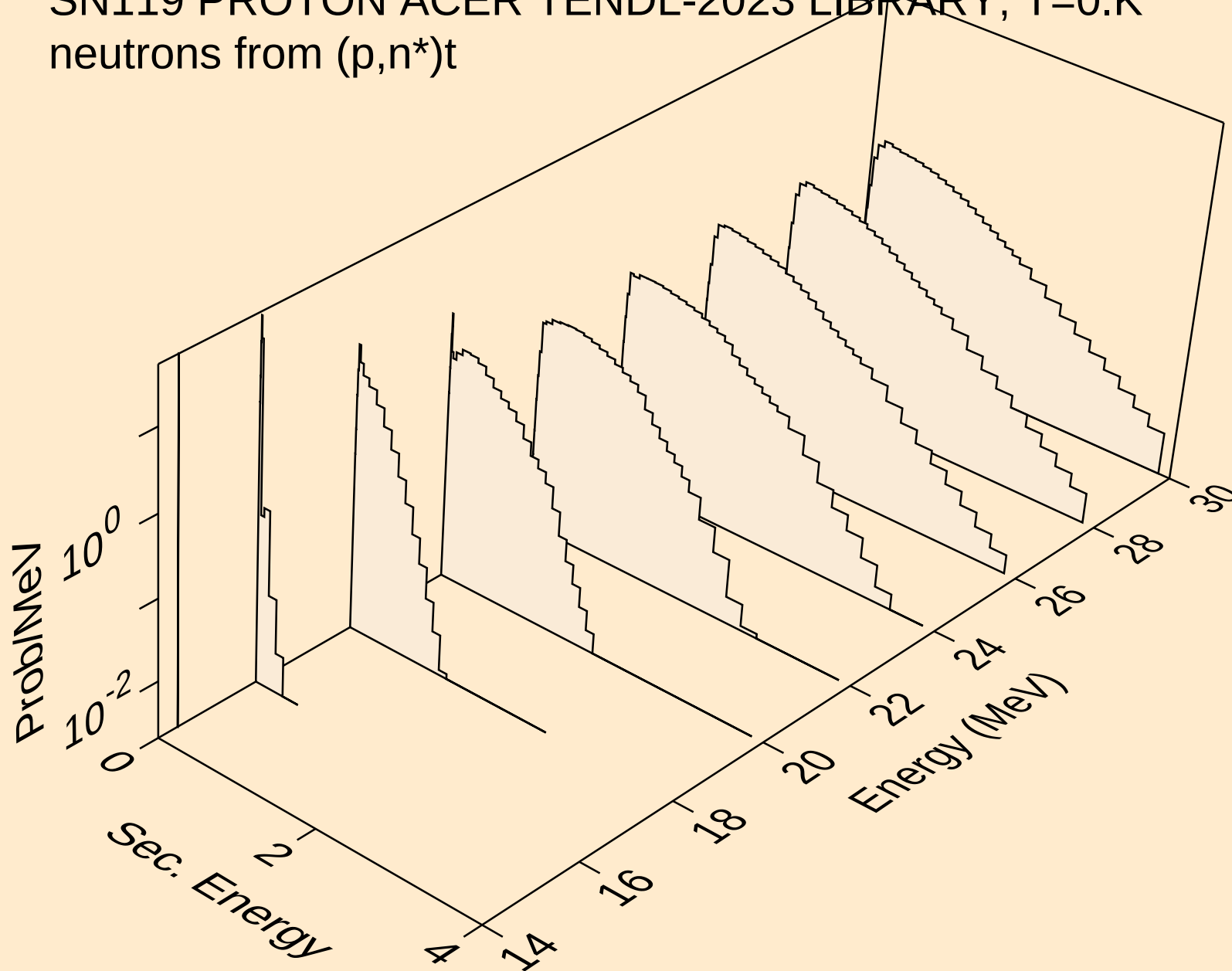
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neutrons from (p,n*)2a



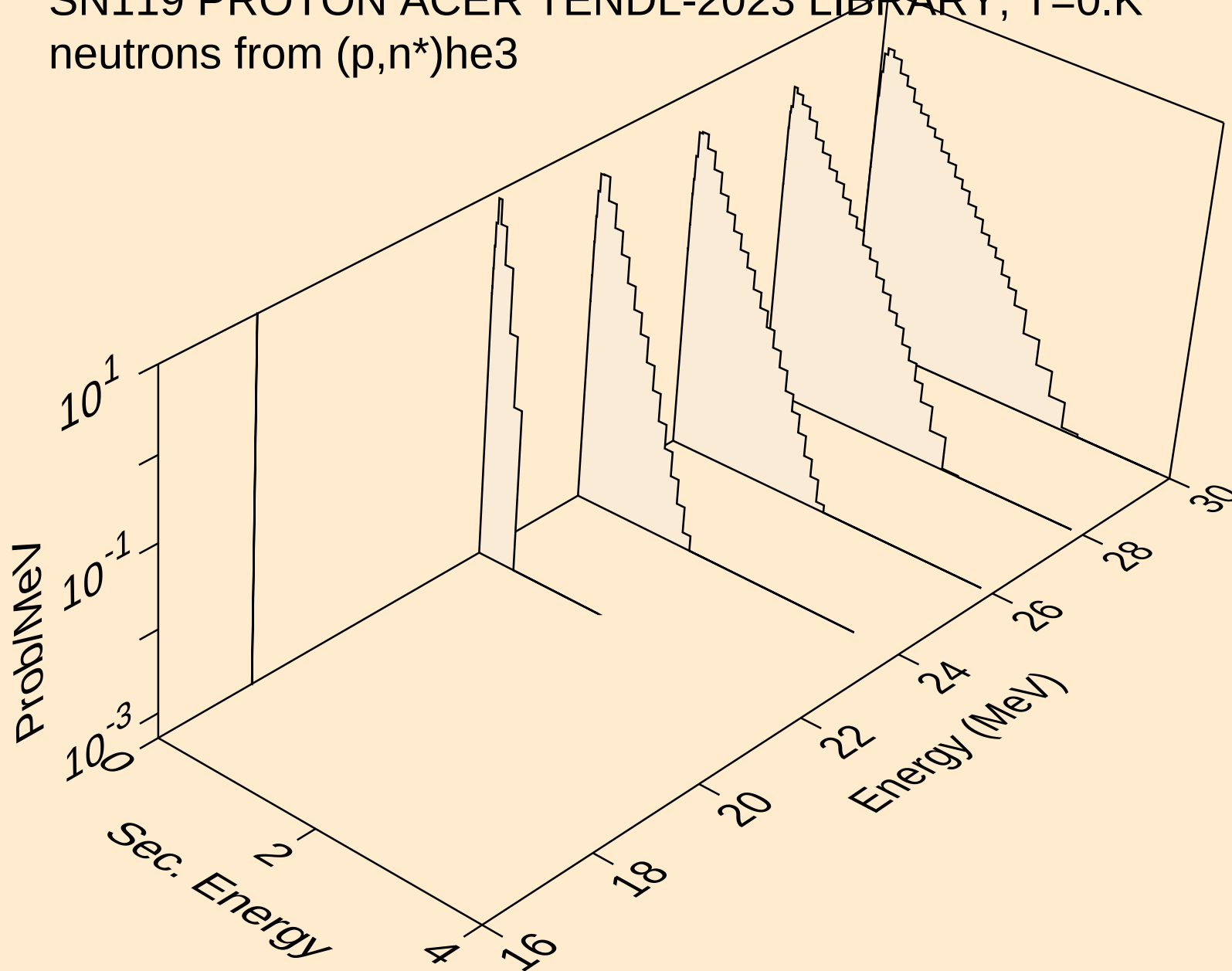
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)d



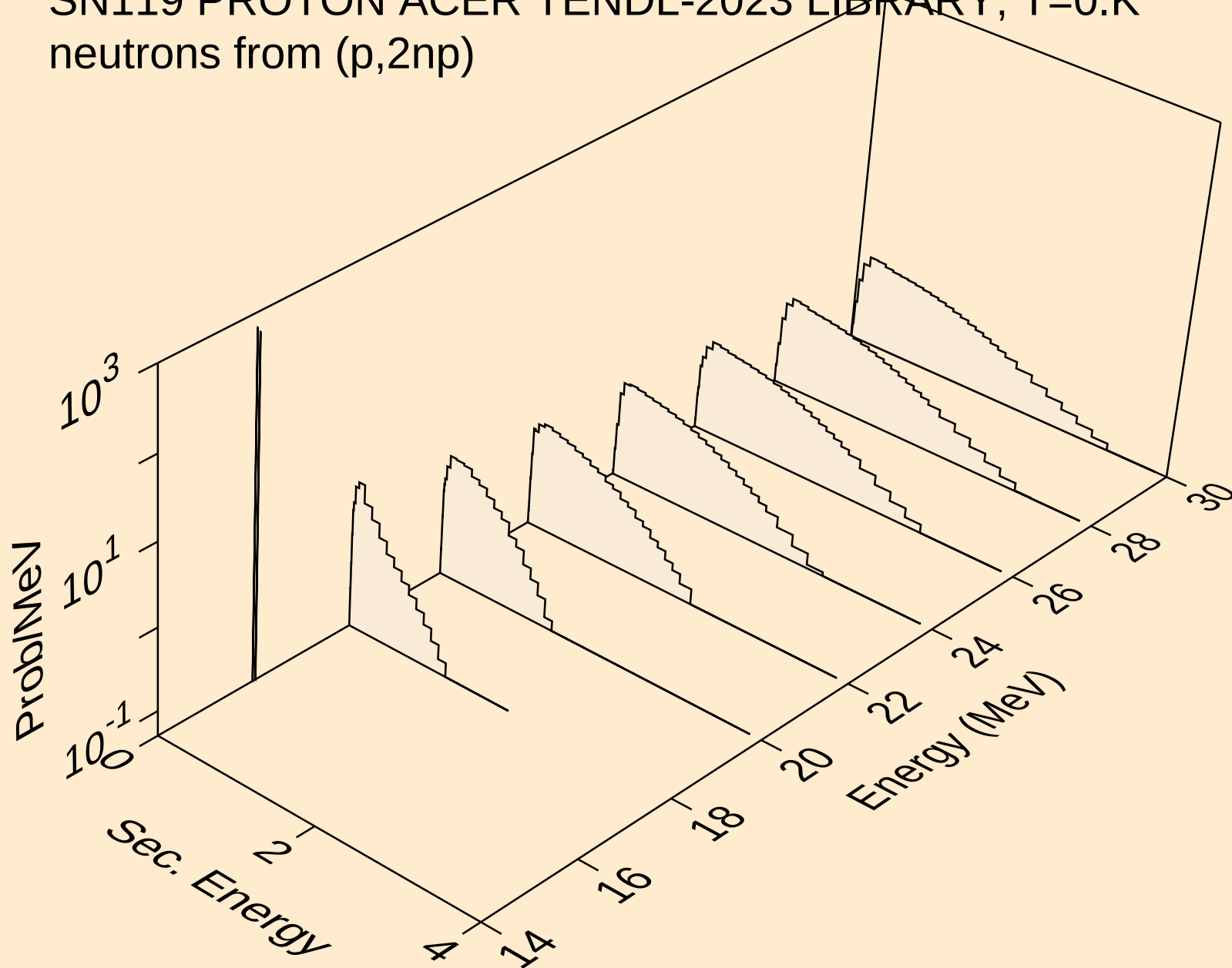
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t



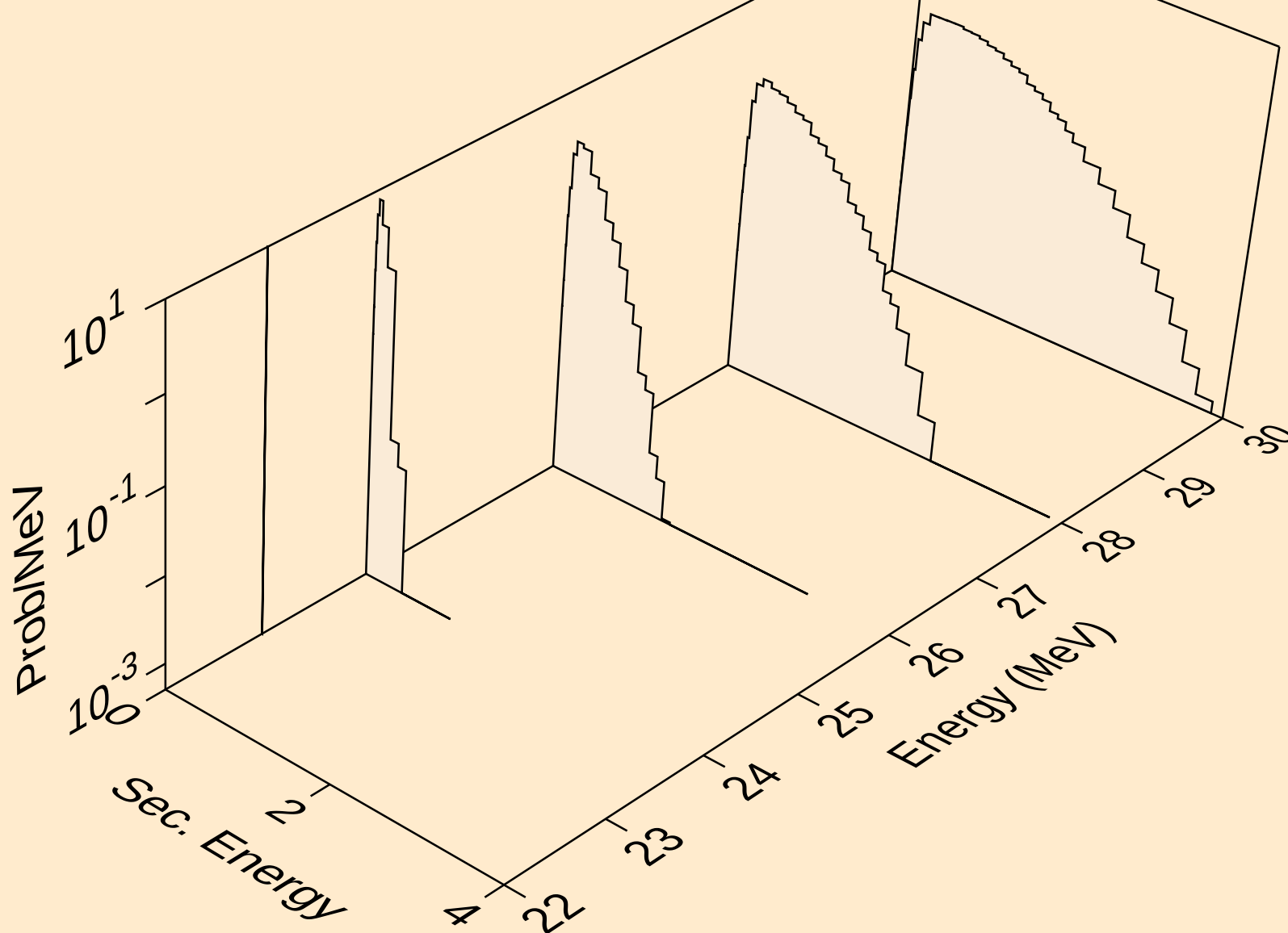
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



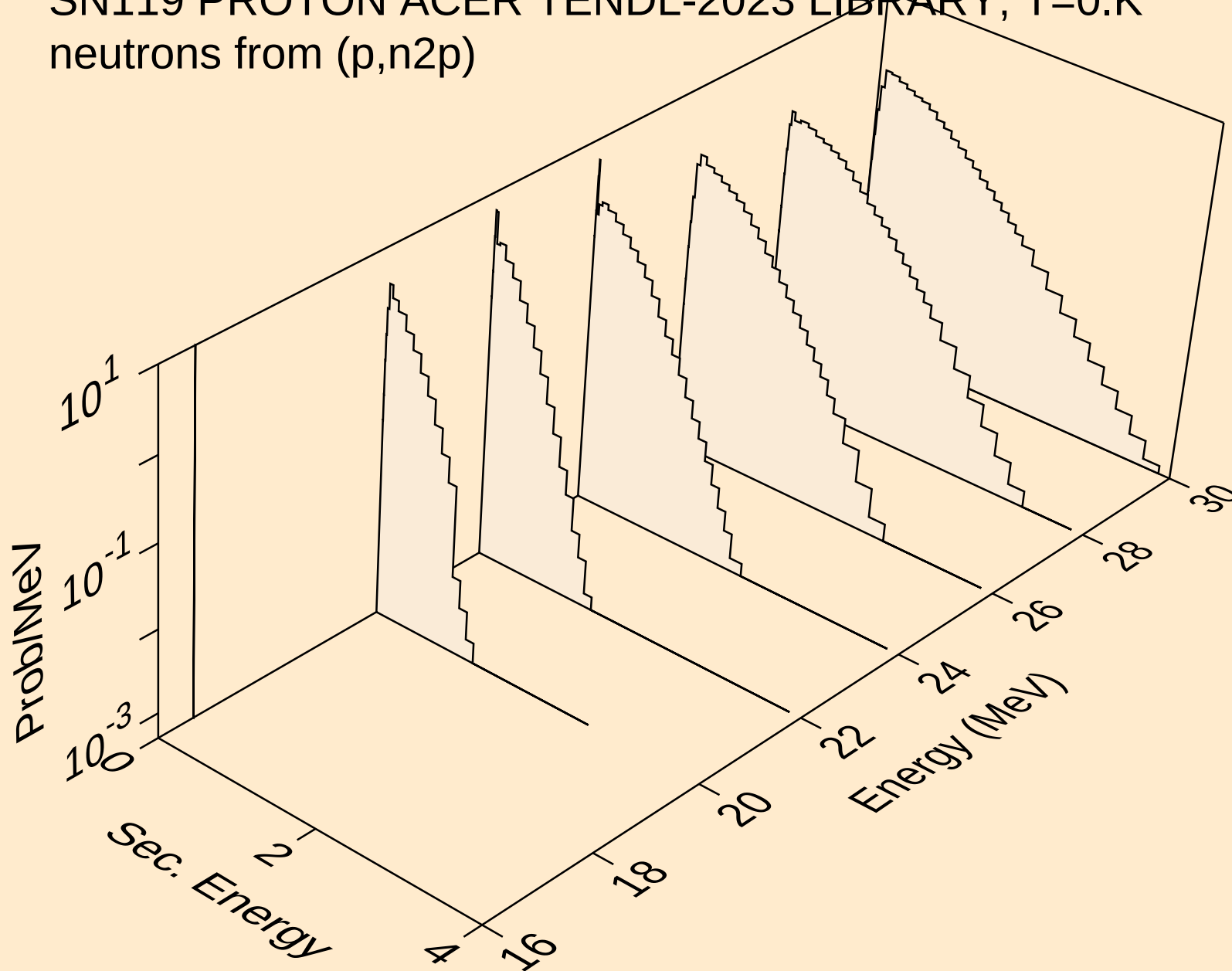
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2np)



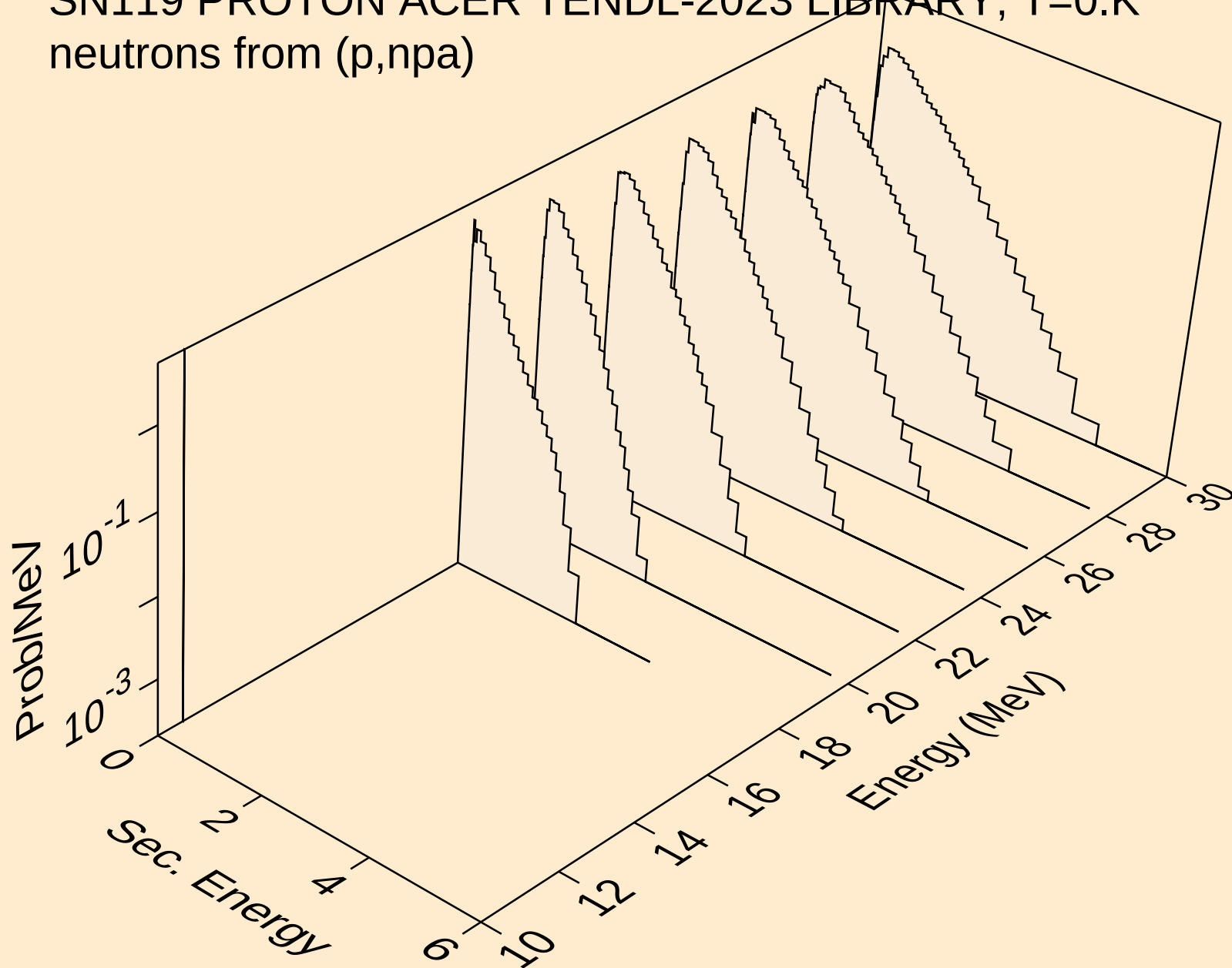
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3np)



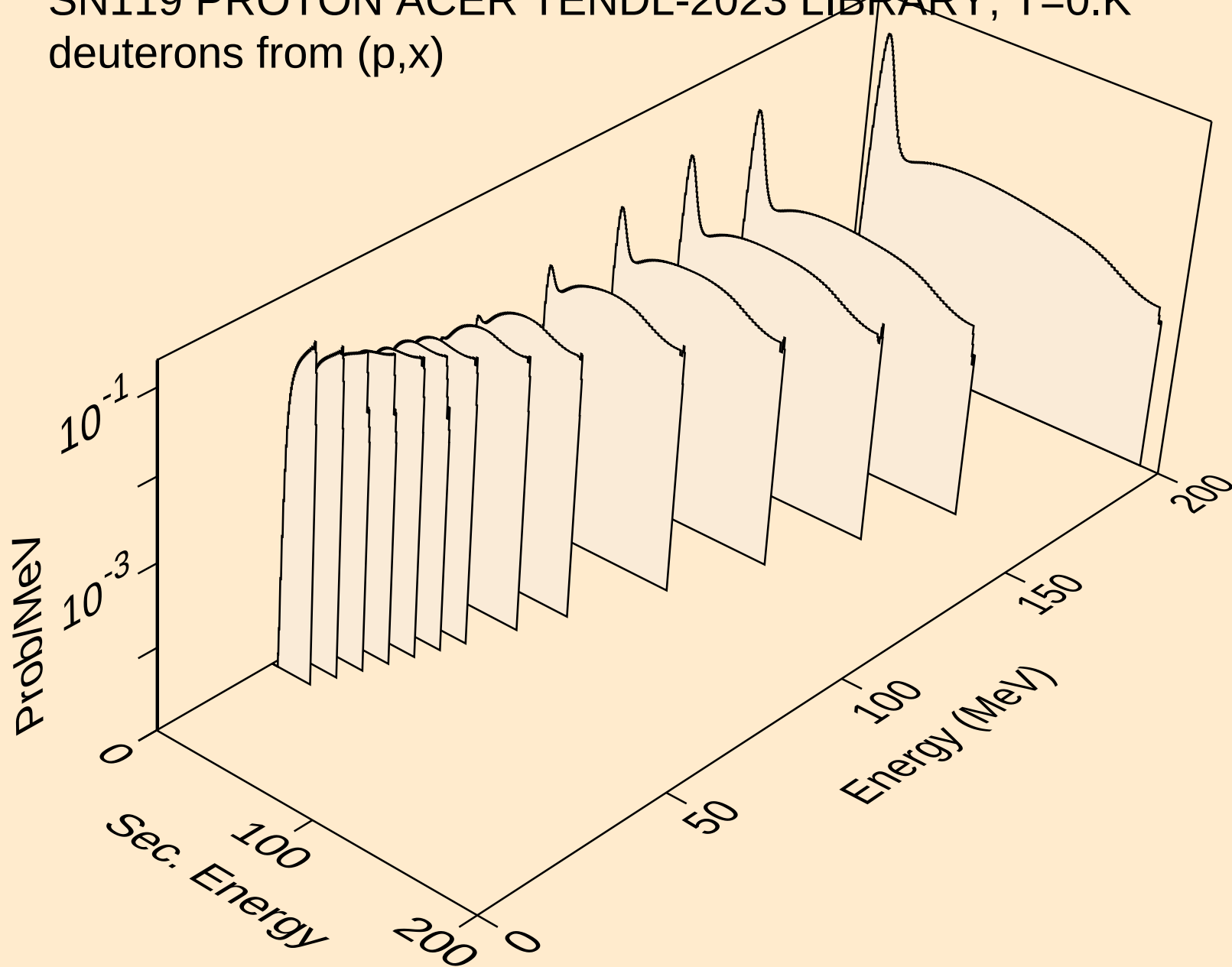
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n2p)



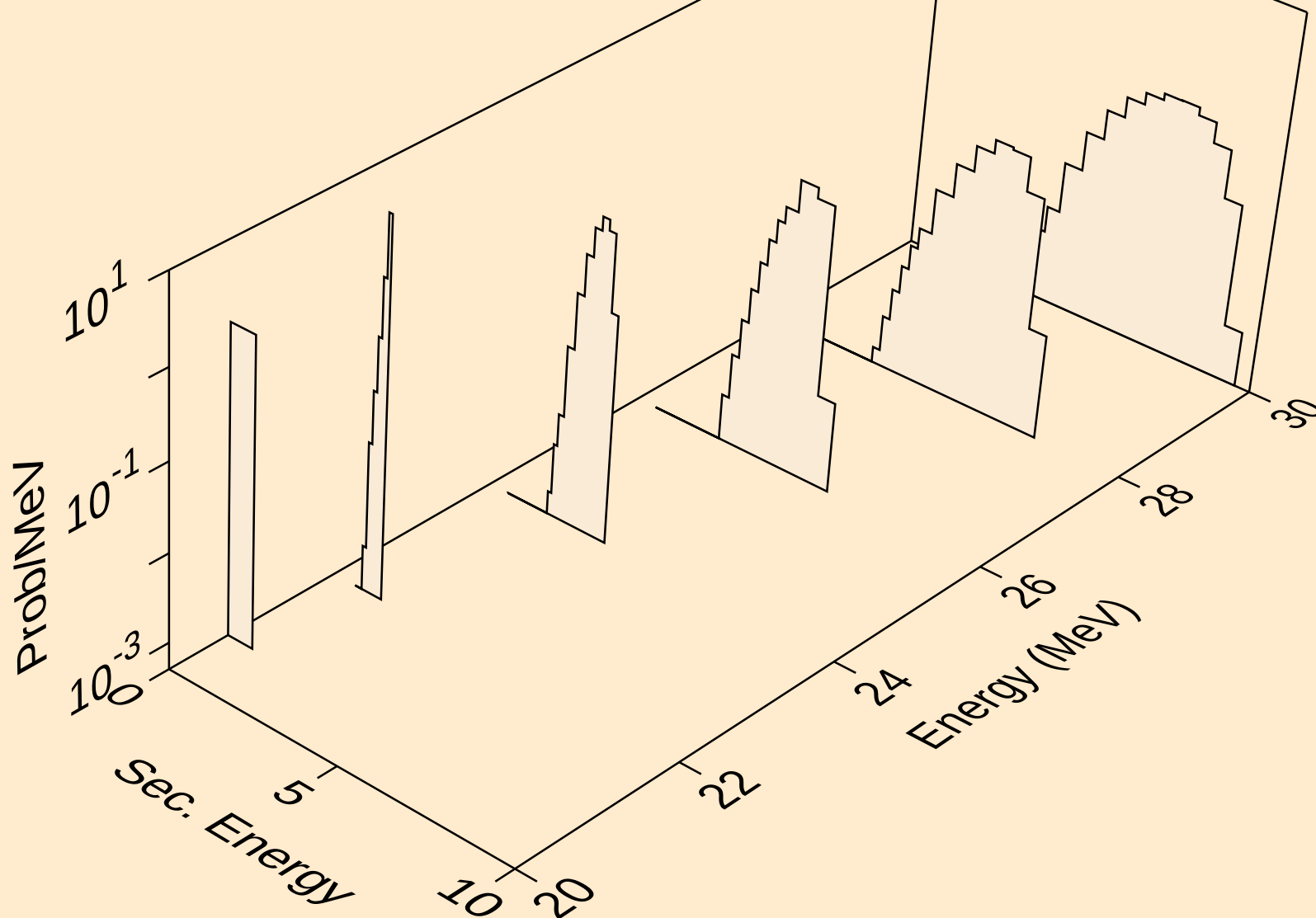
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,npa)



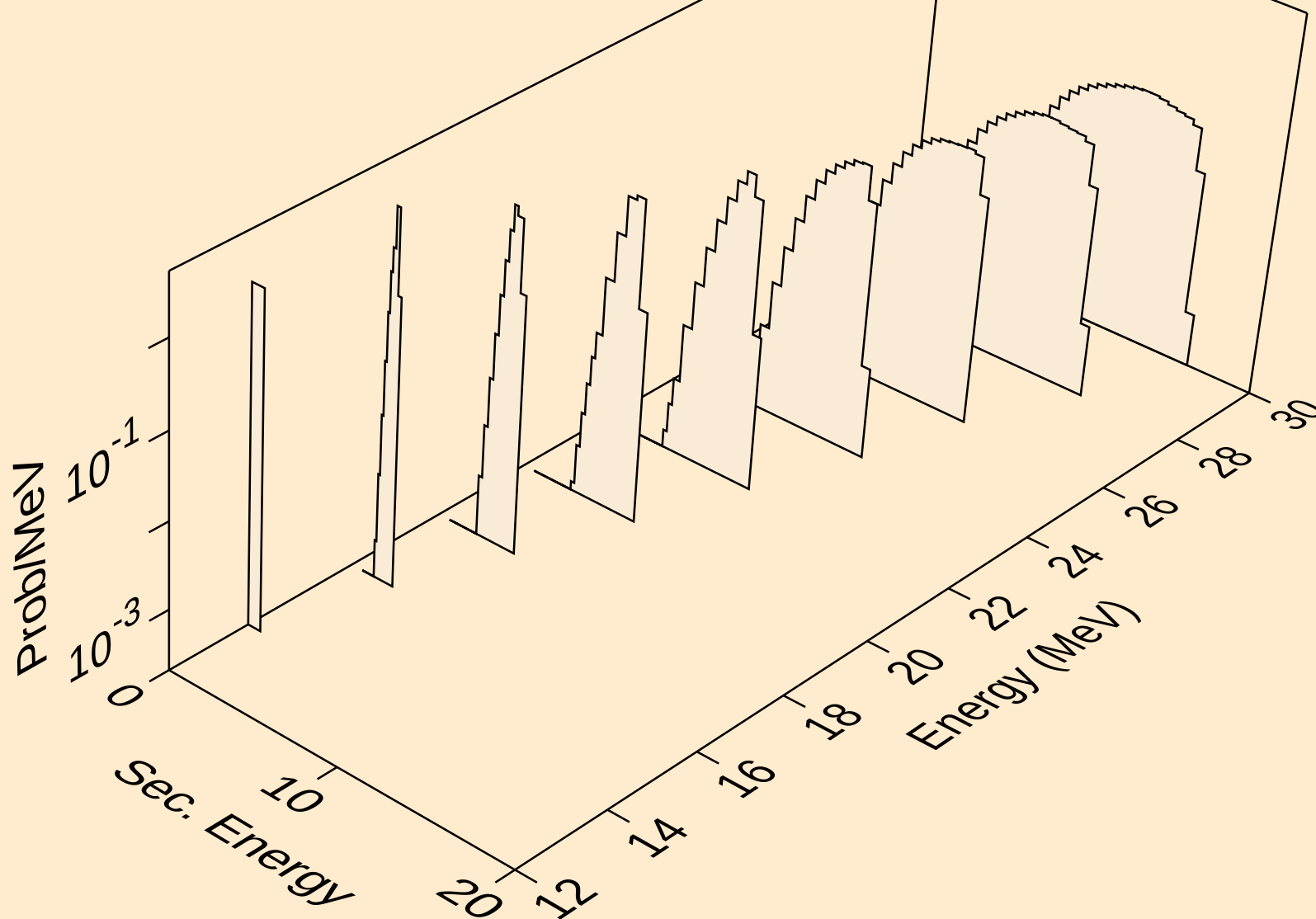
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



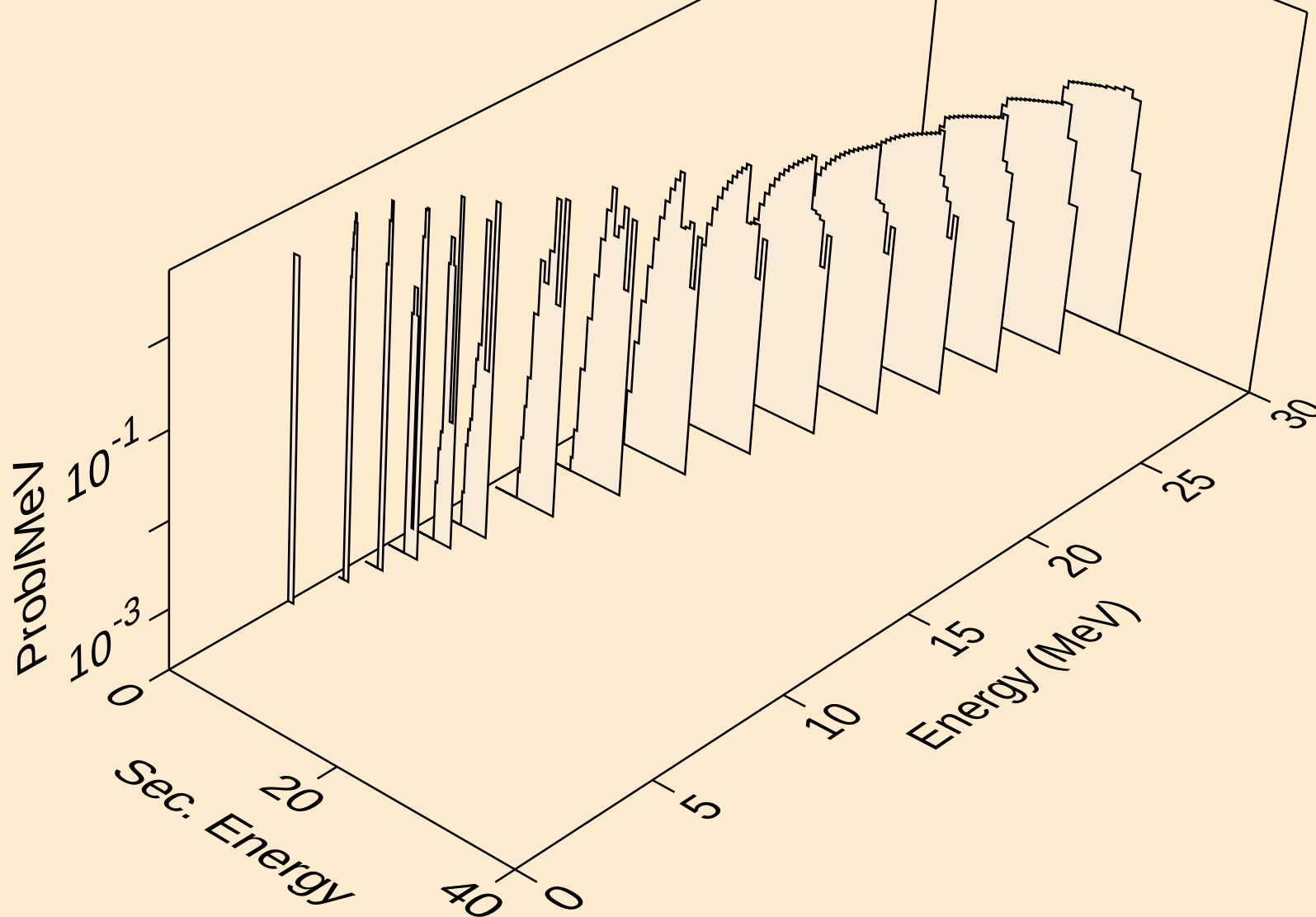
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,2nd)



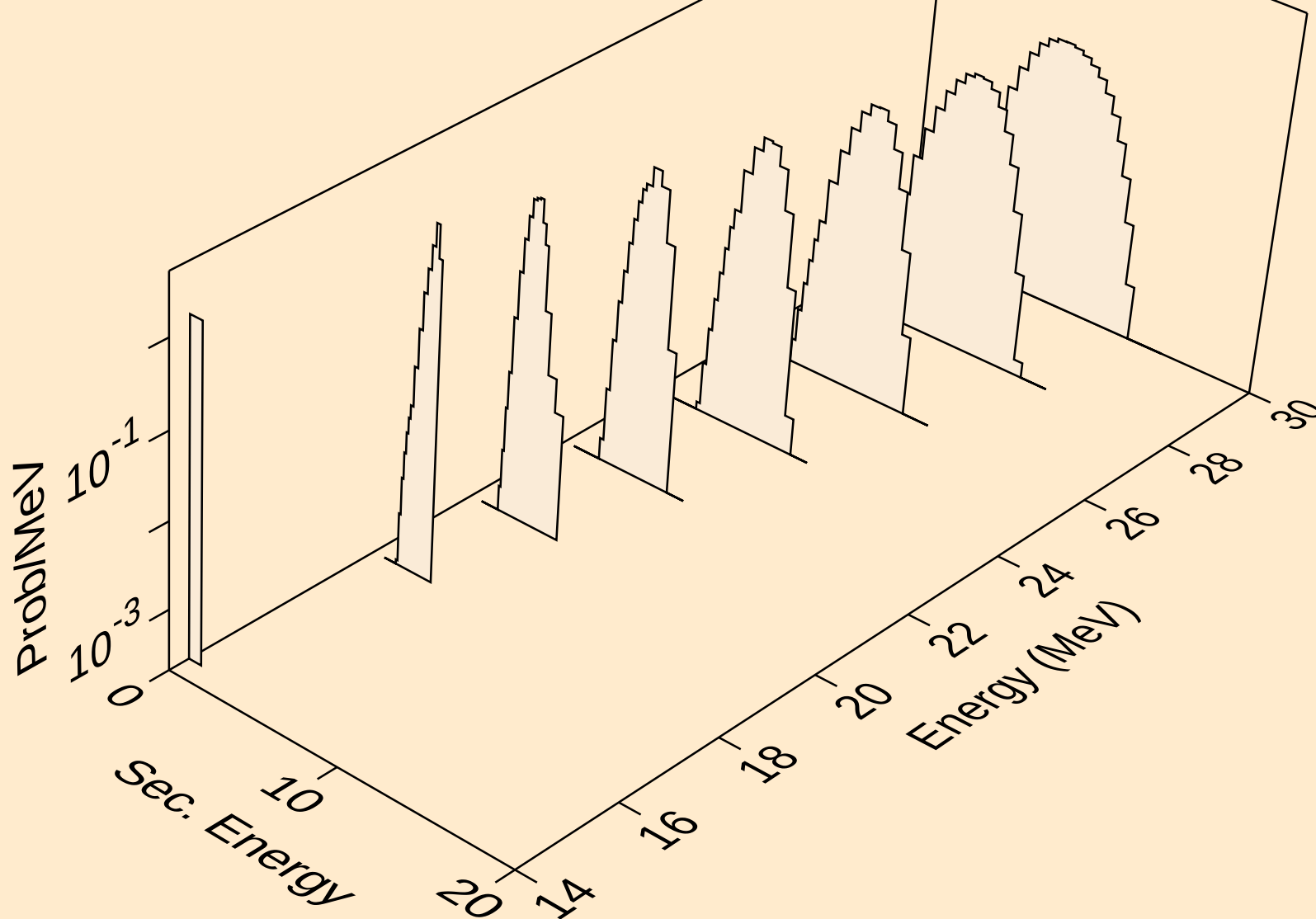
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,n*)d



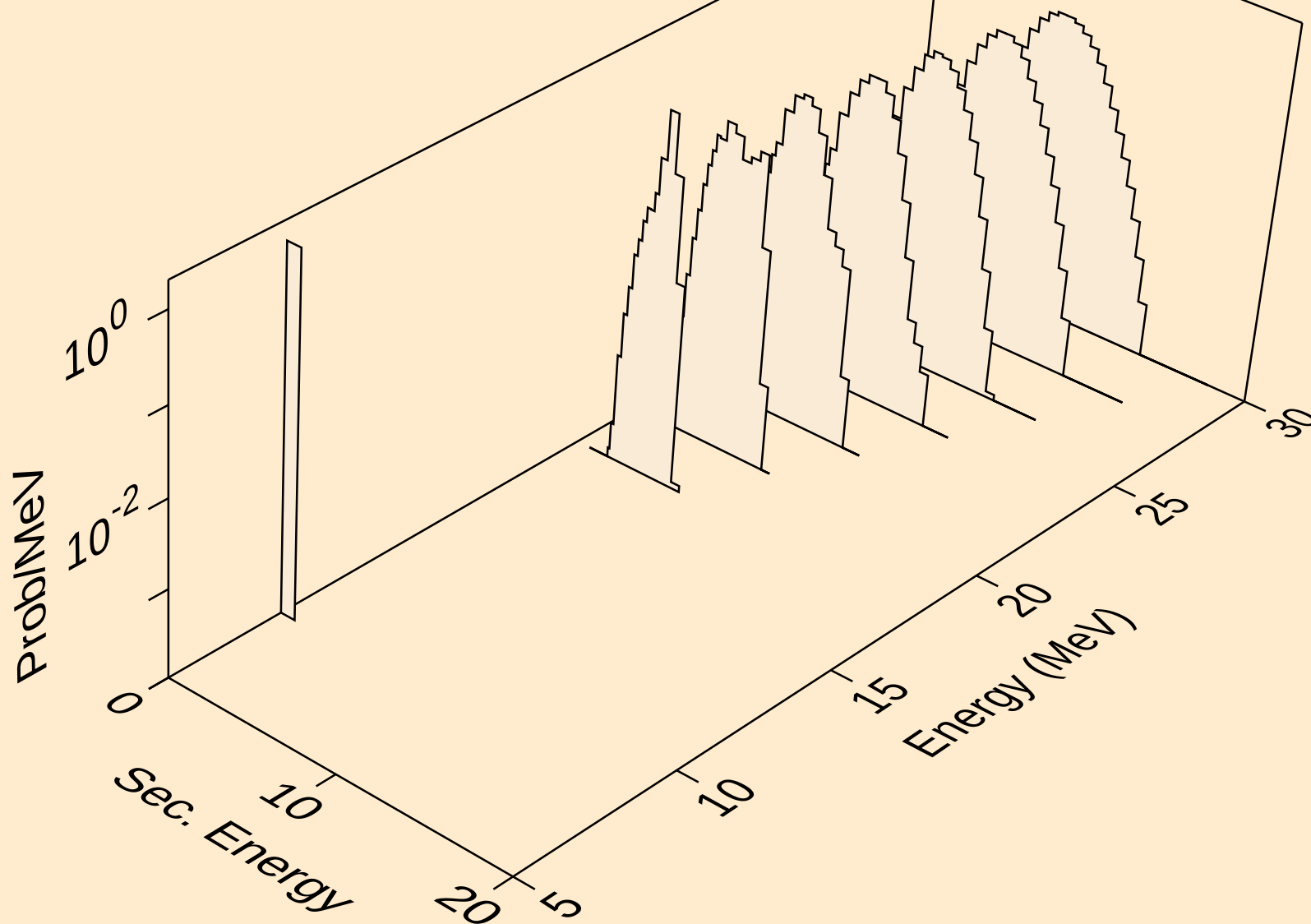
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,d)



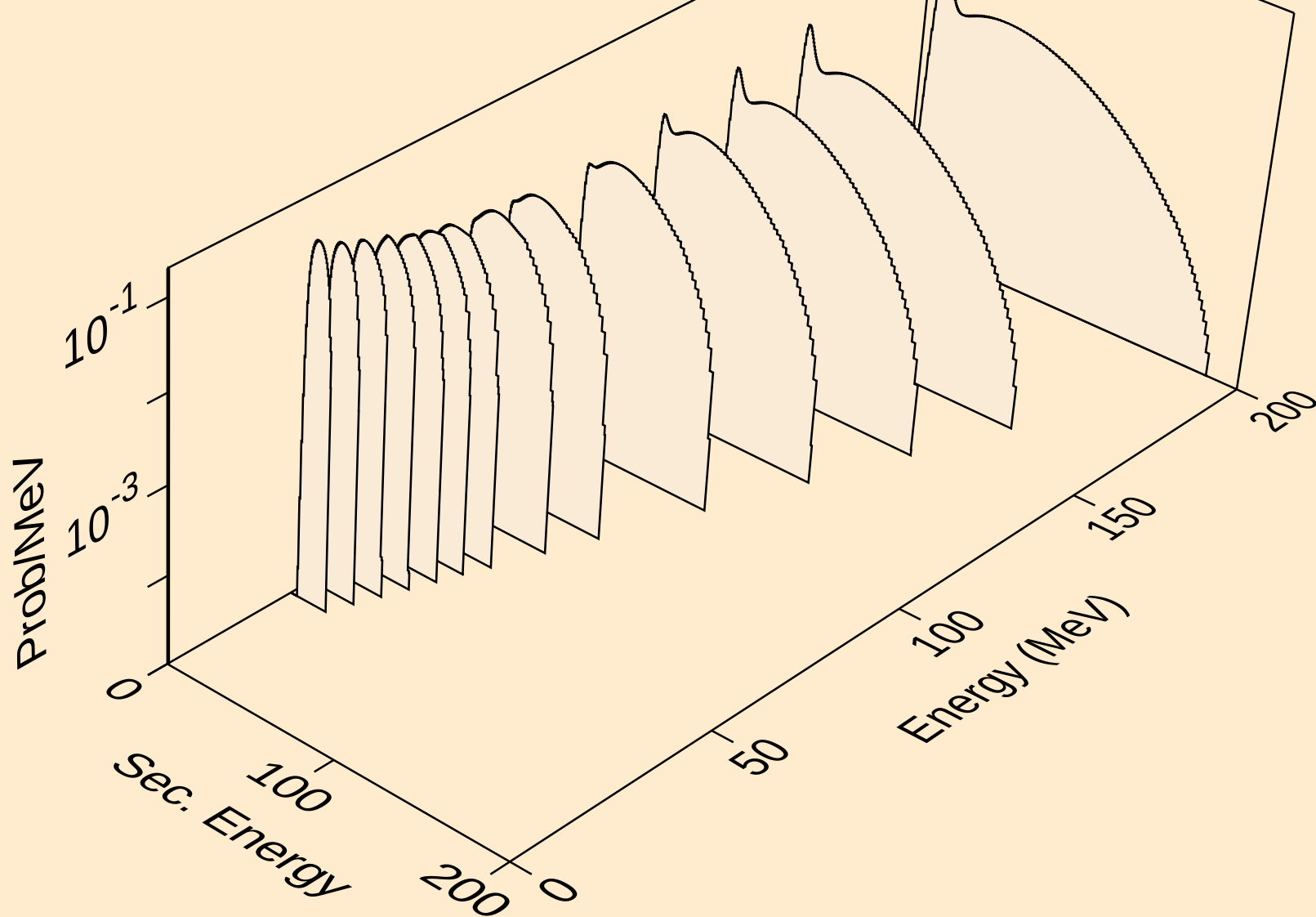
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,pd)



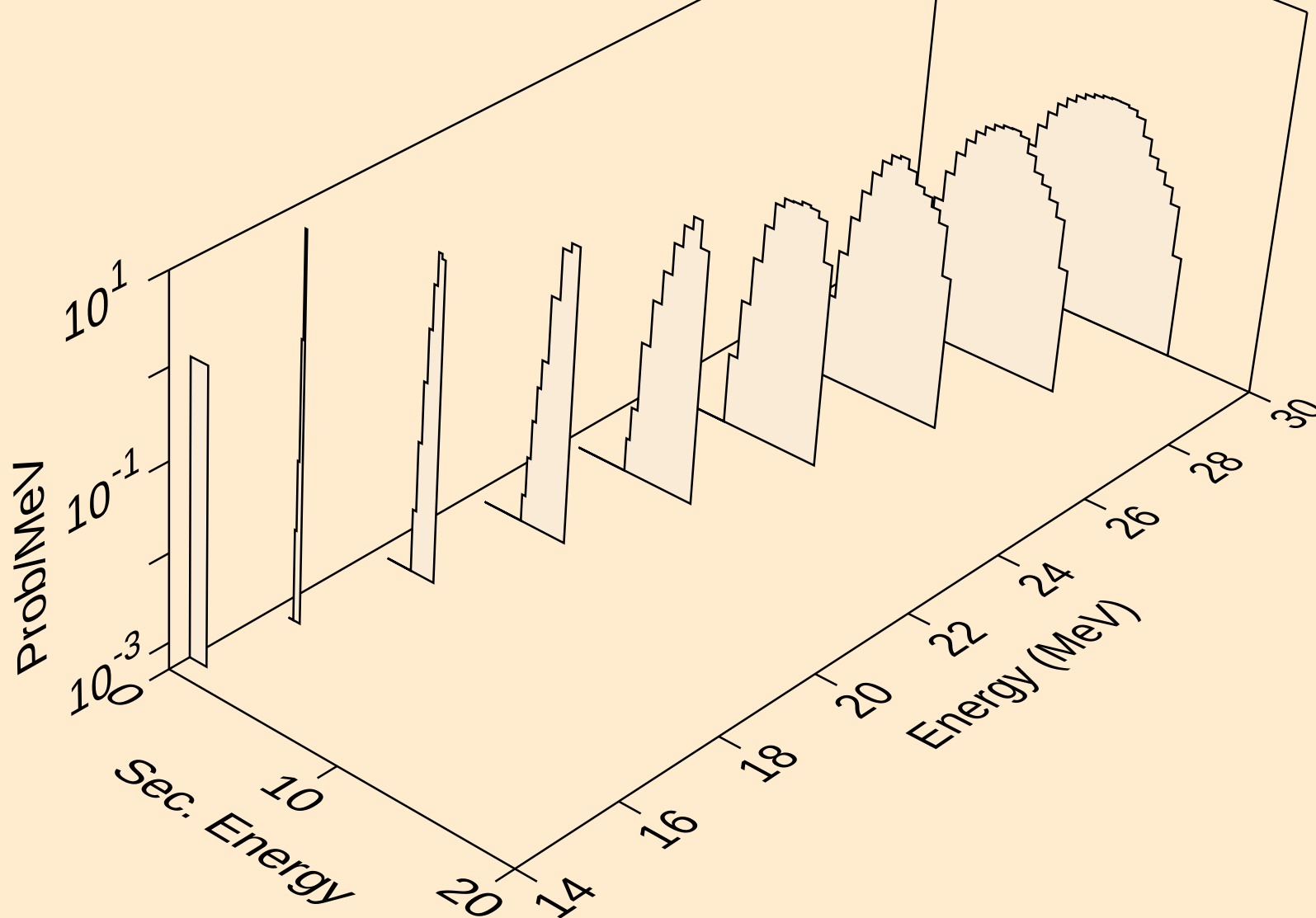
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,da)



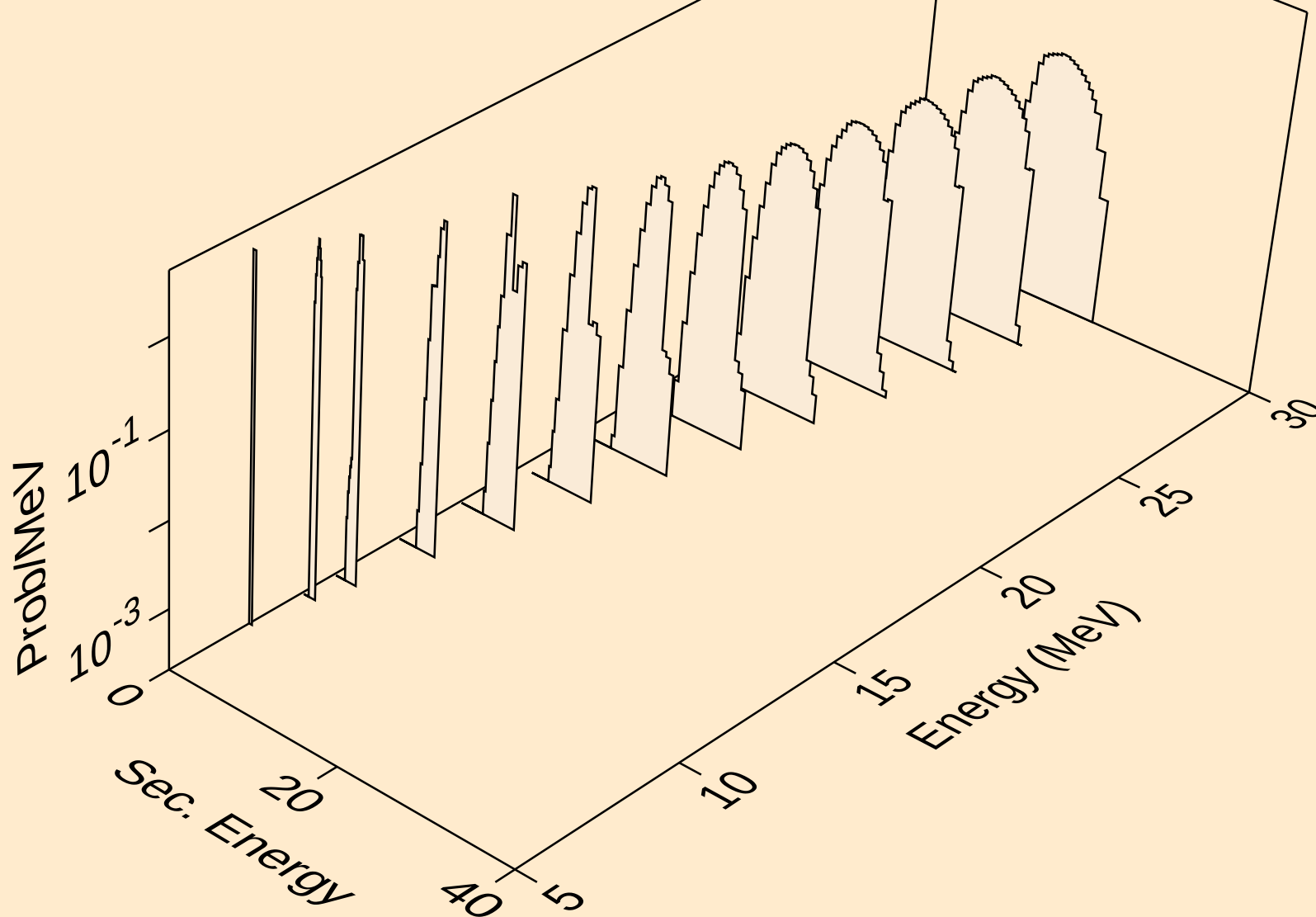
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



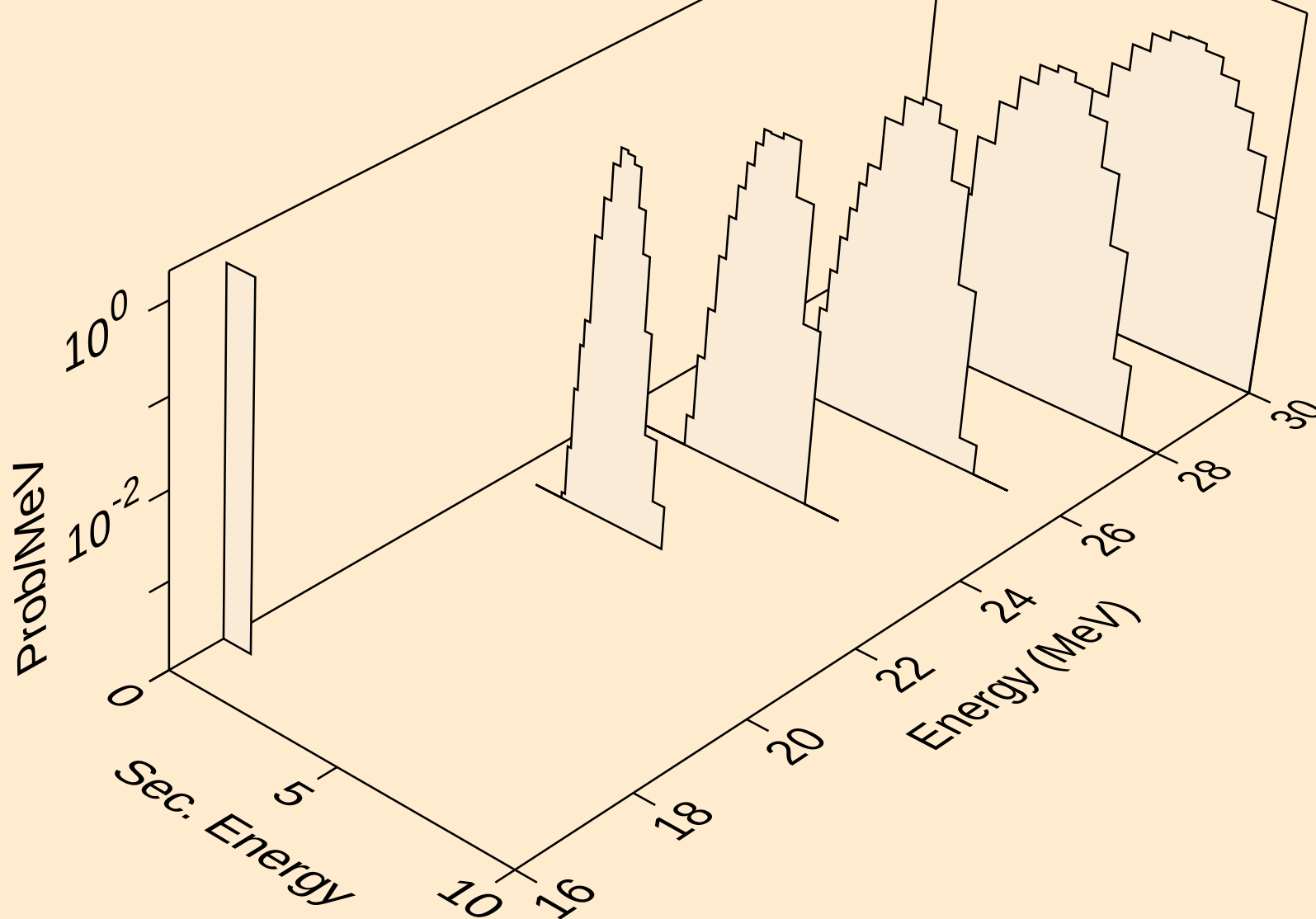
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tritons from (p,n*)t



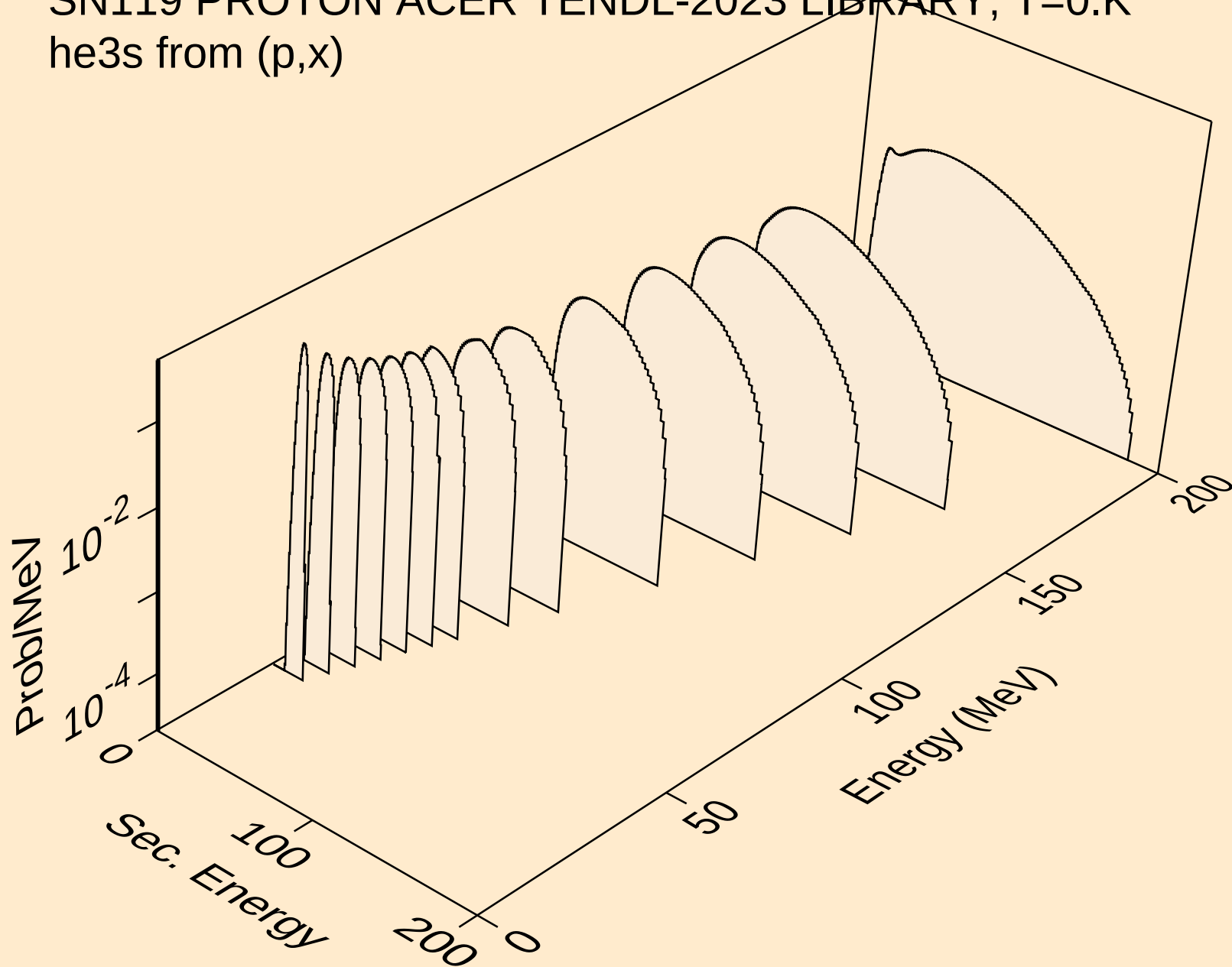
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tritons from (p,t)



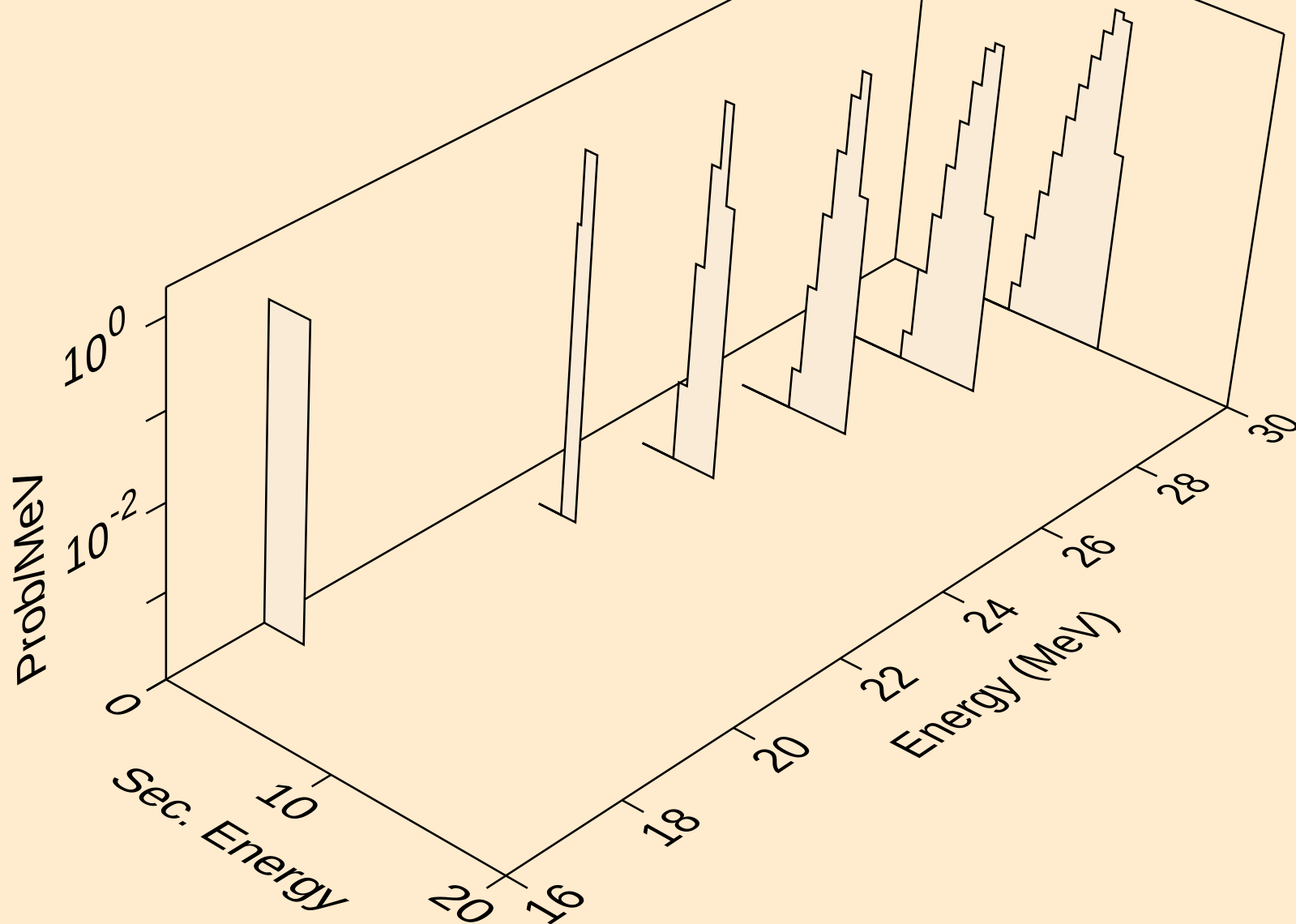
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,pt)



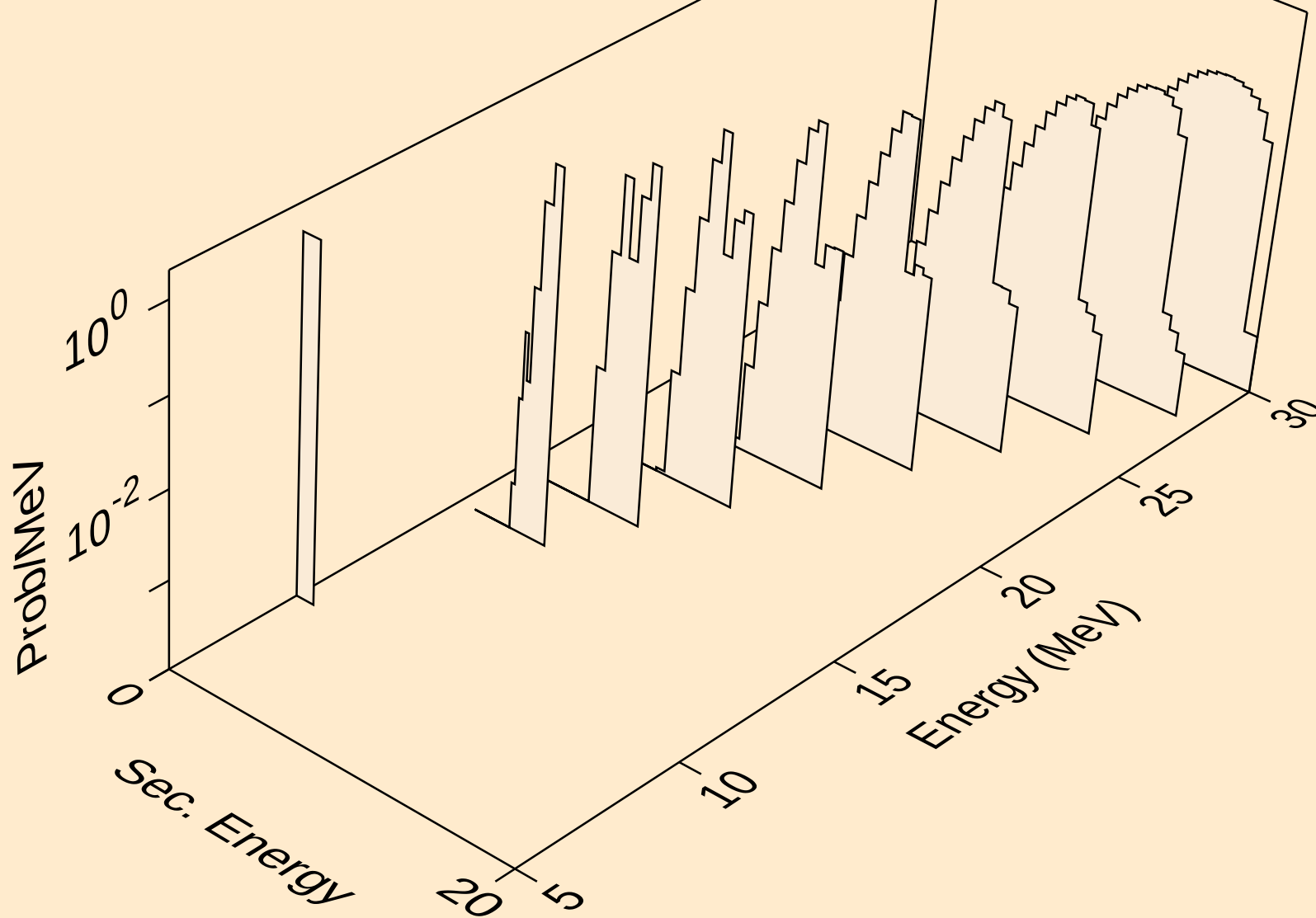
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



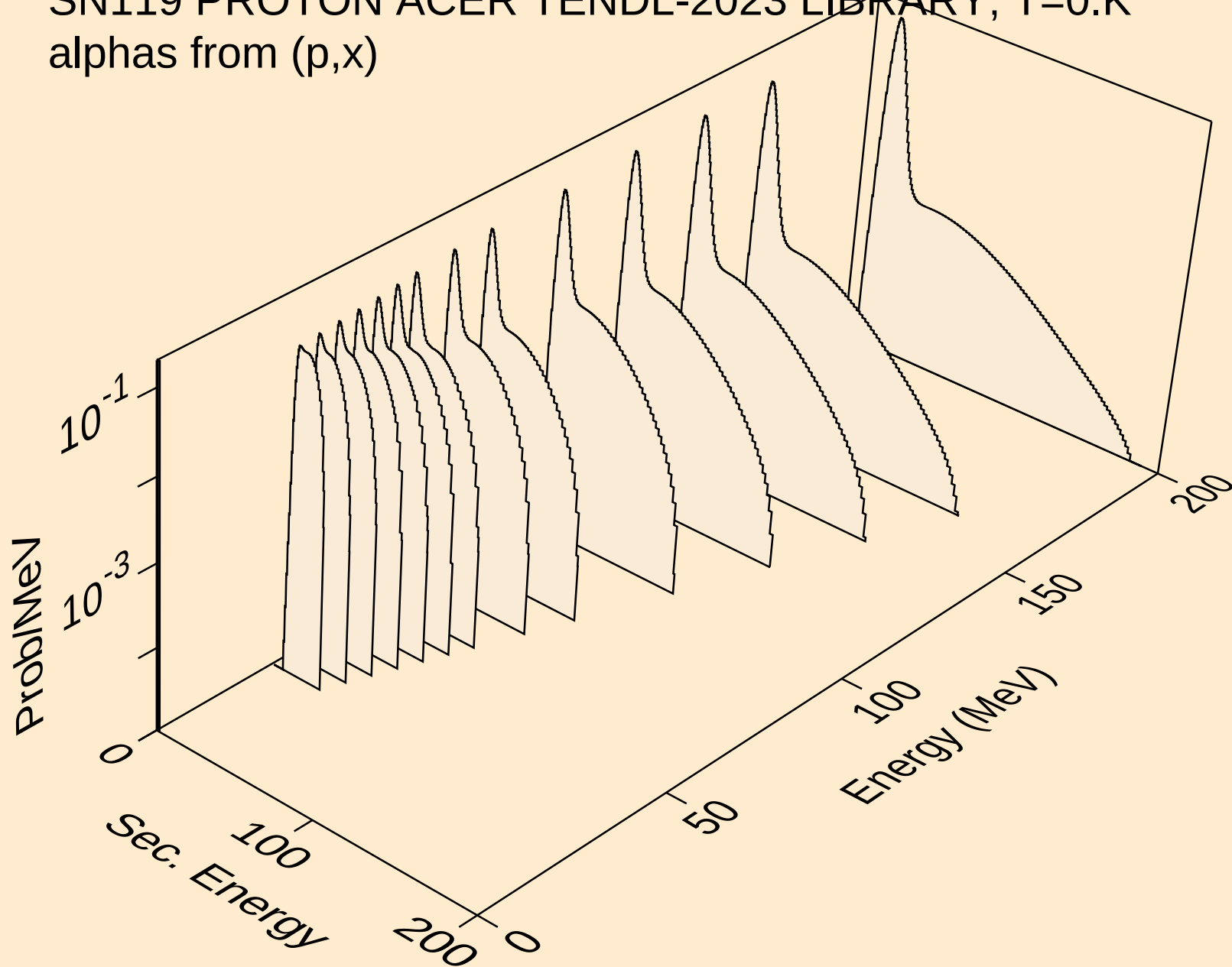
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



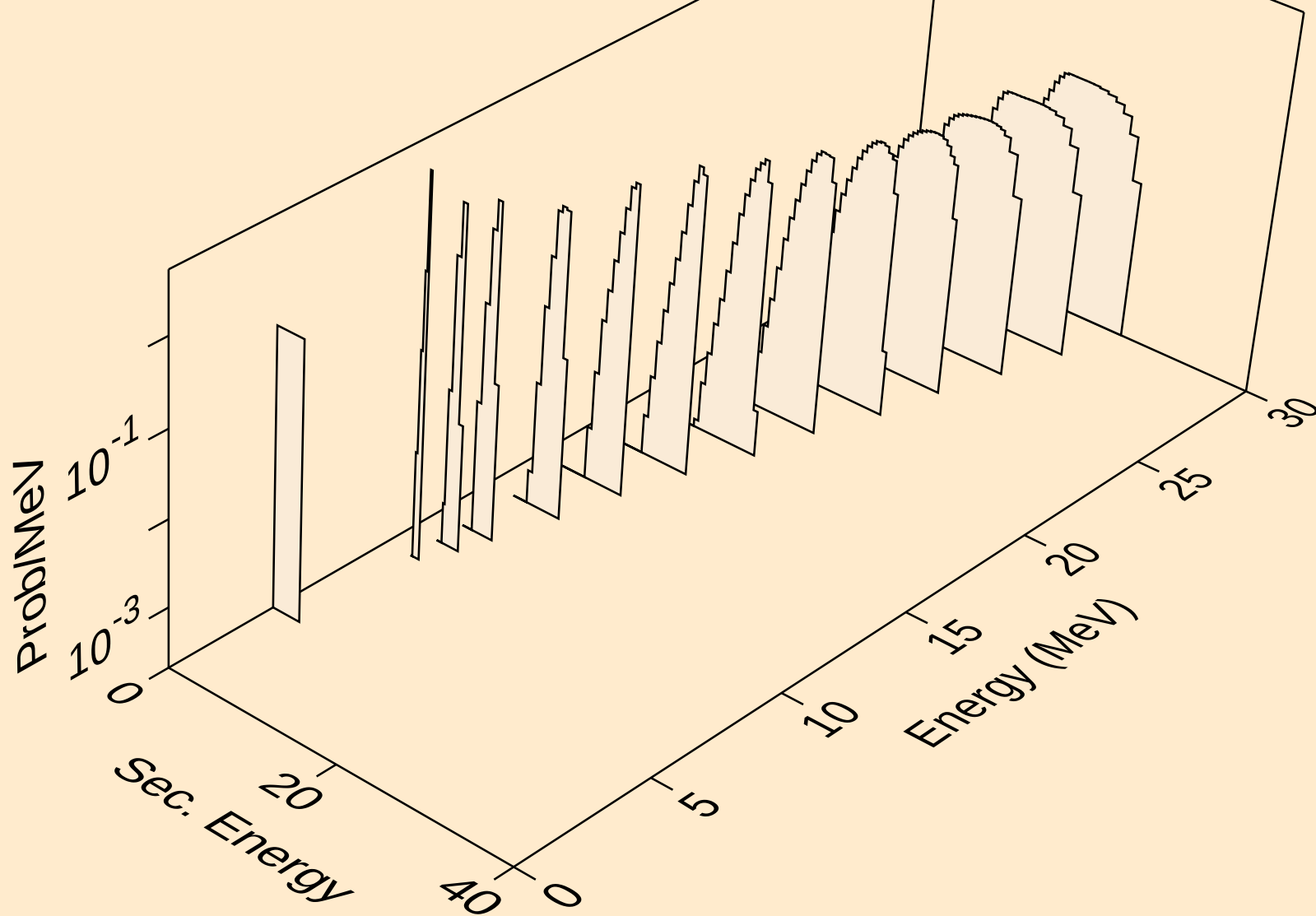
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he3s from (p,he3)



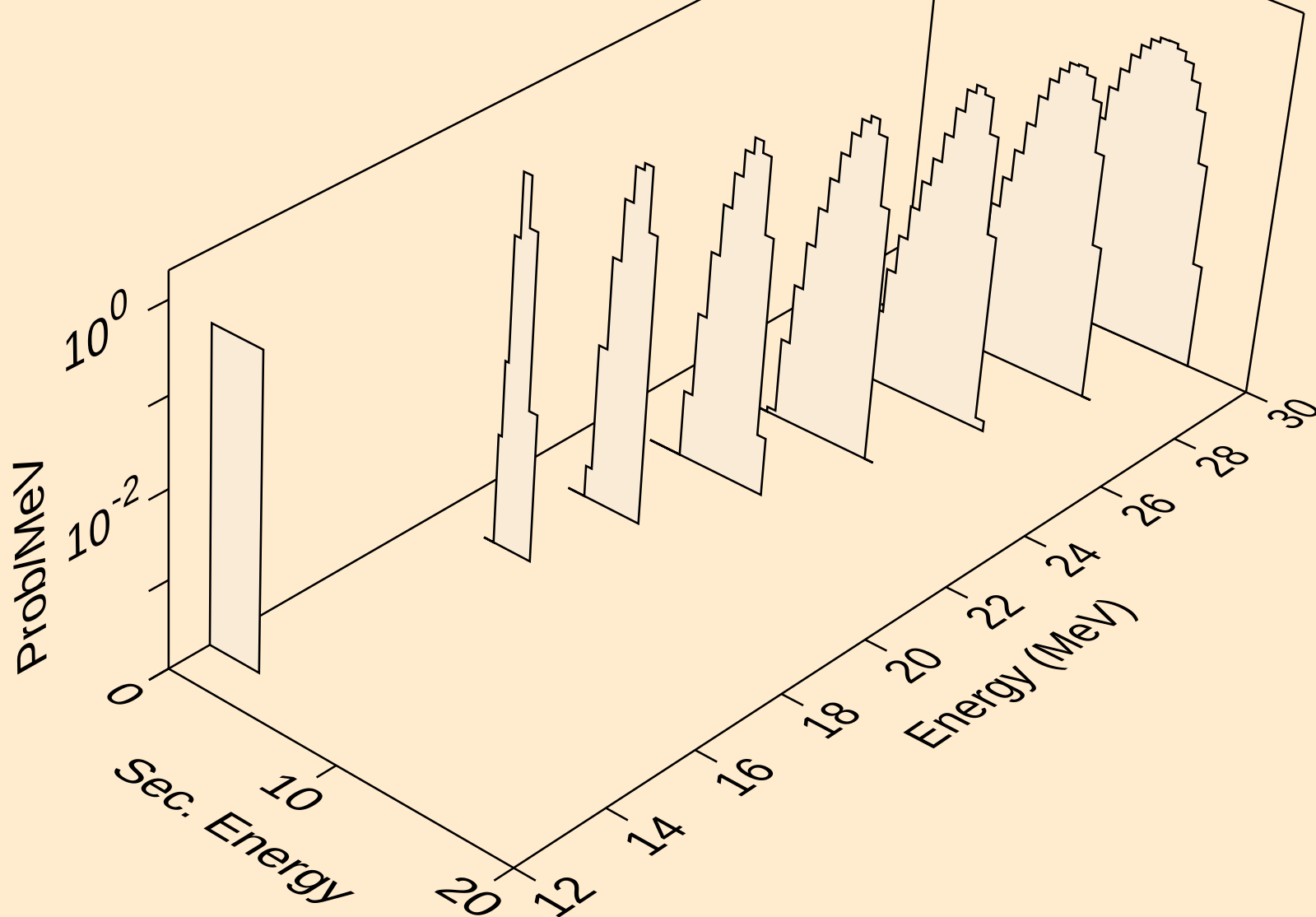
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



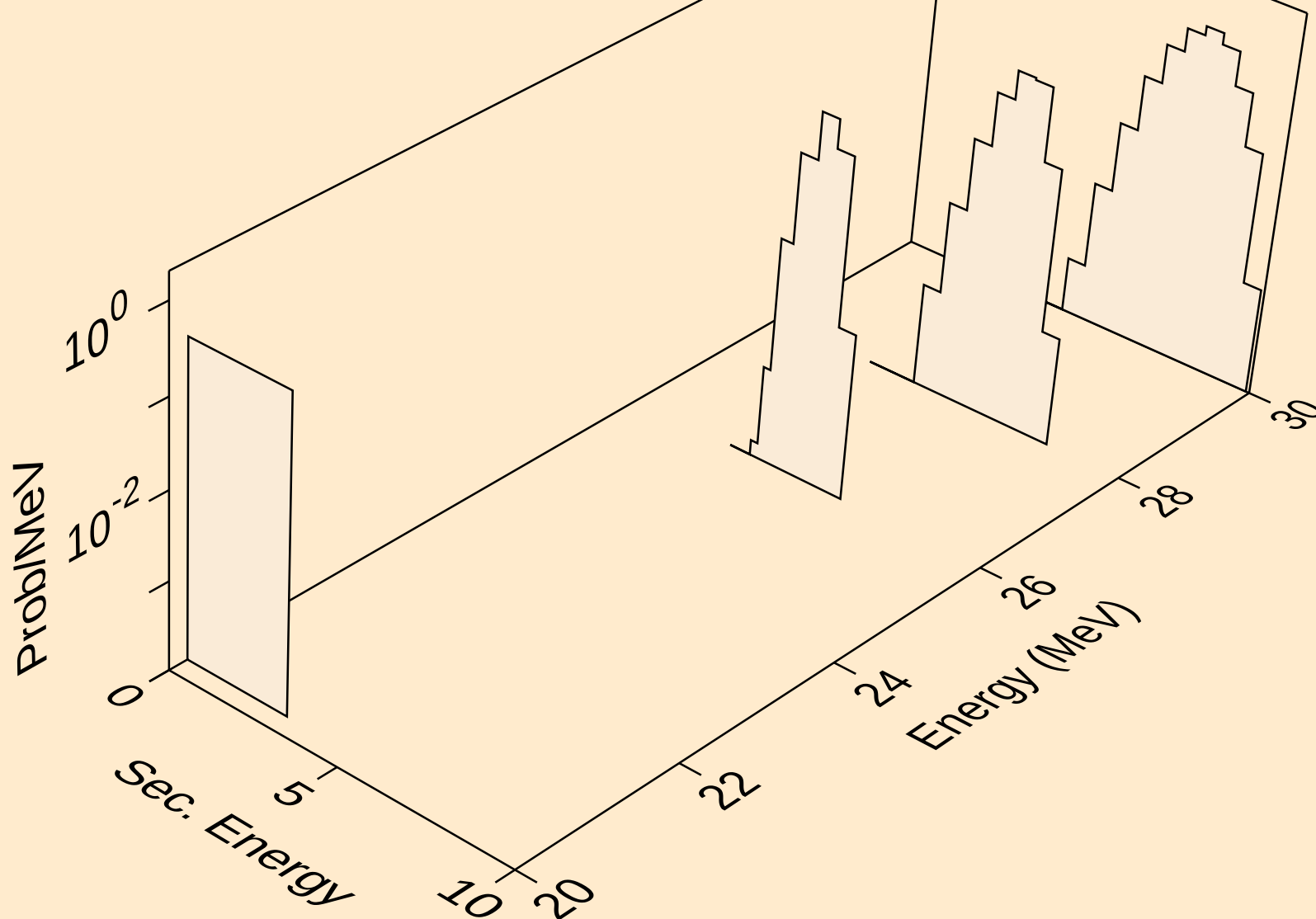
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



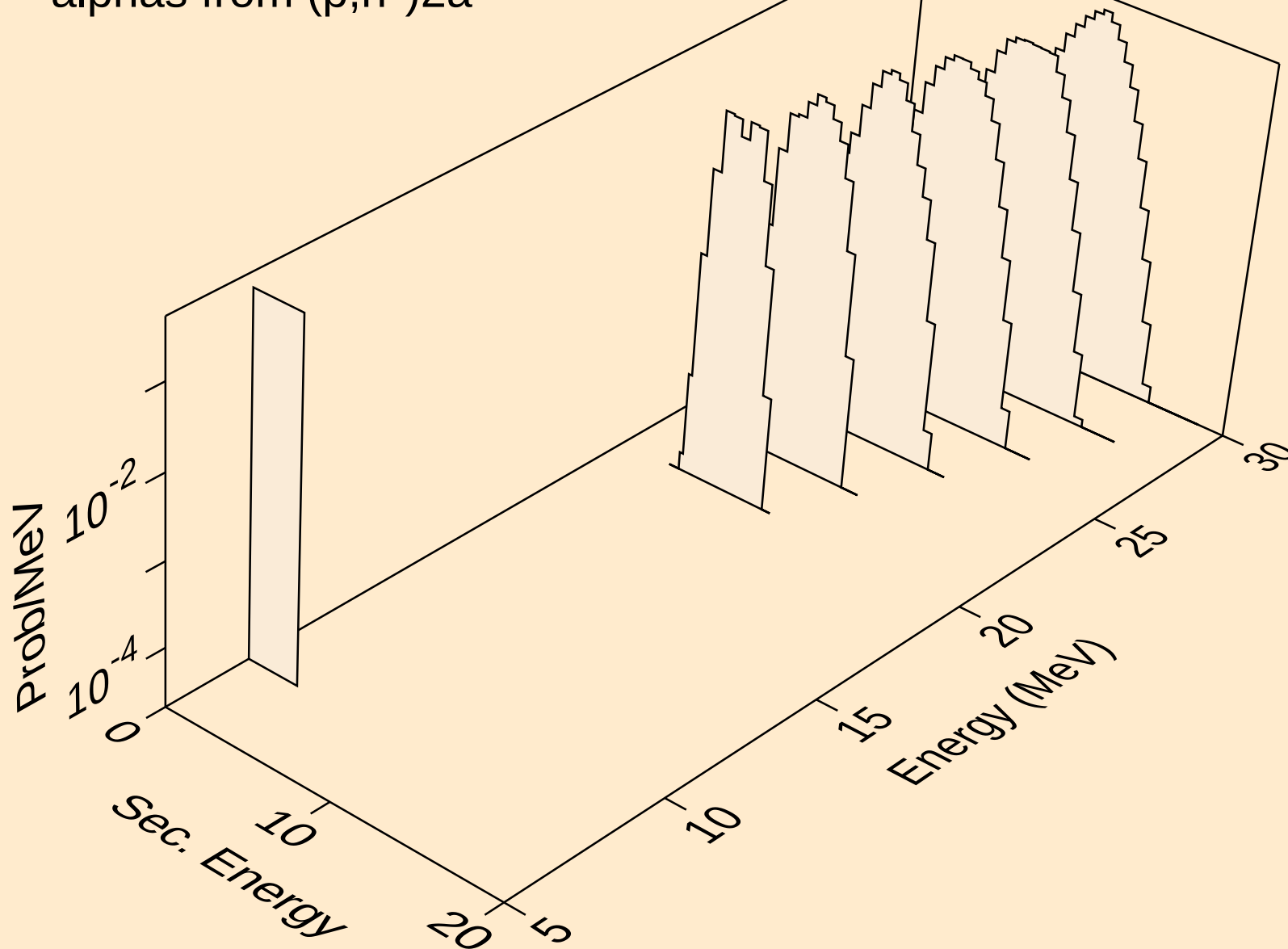
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



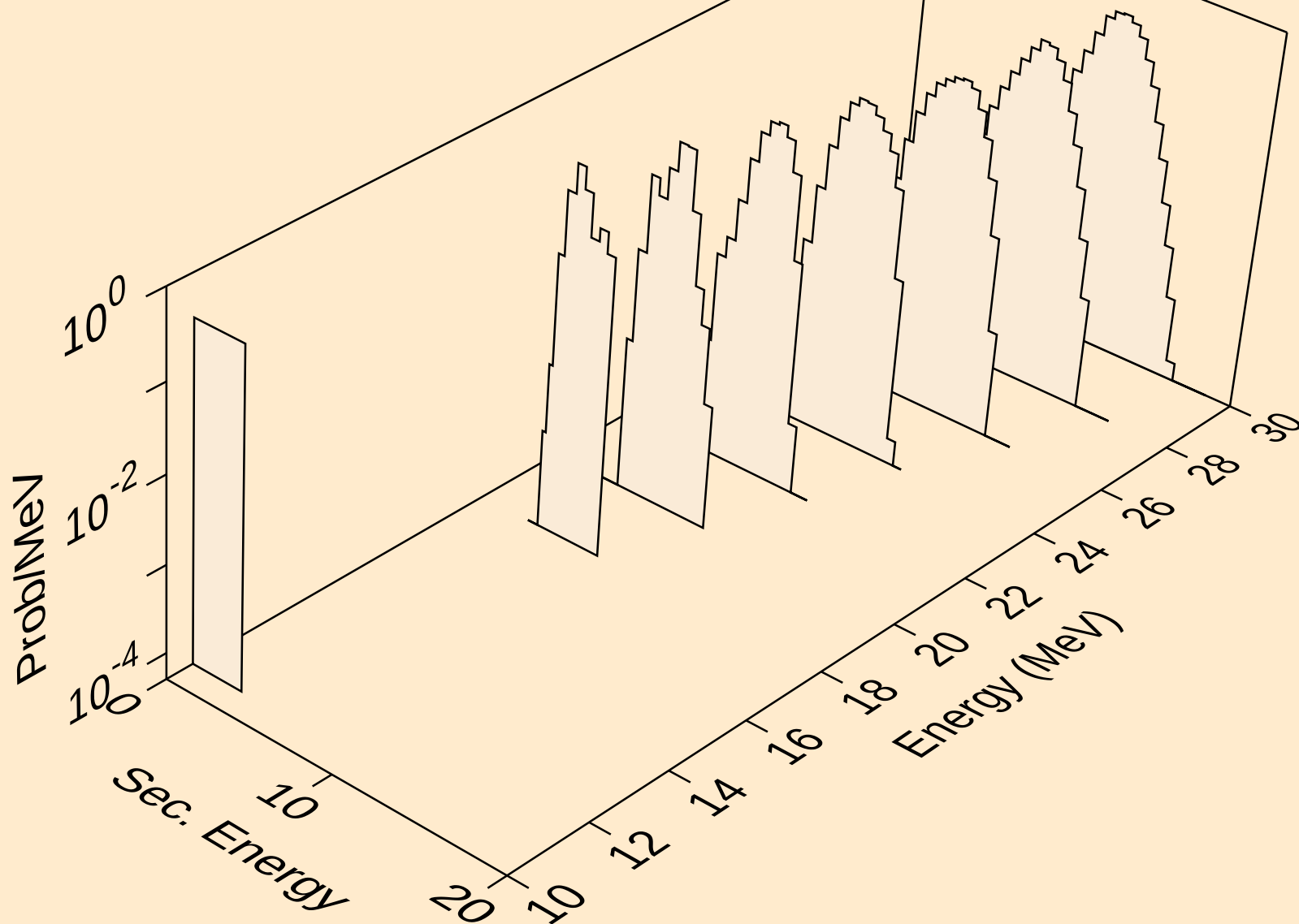
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



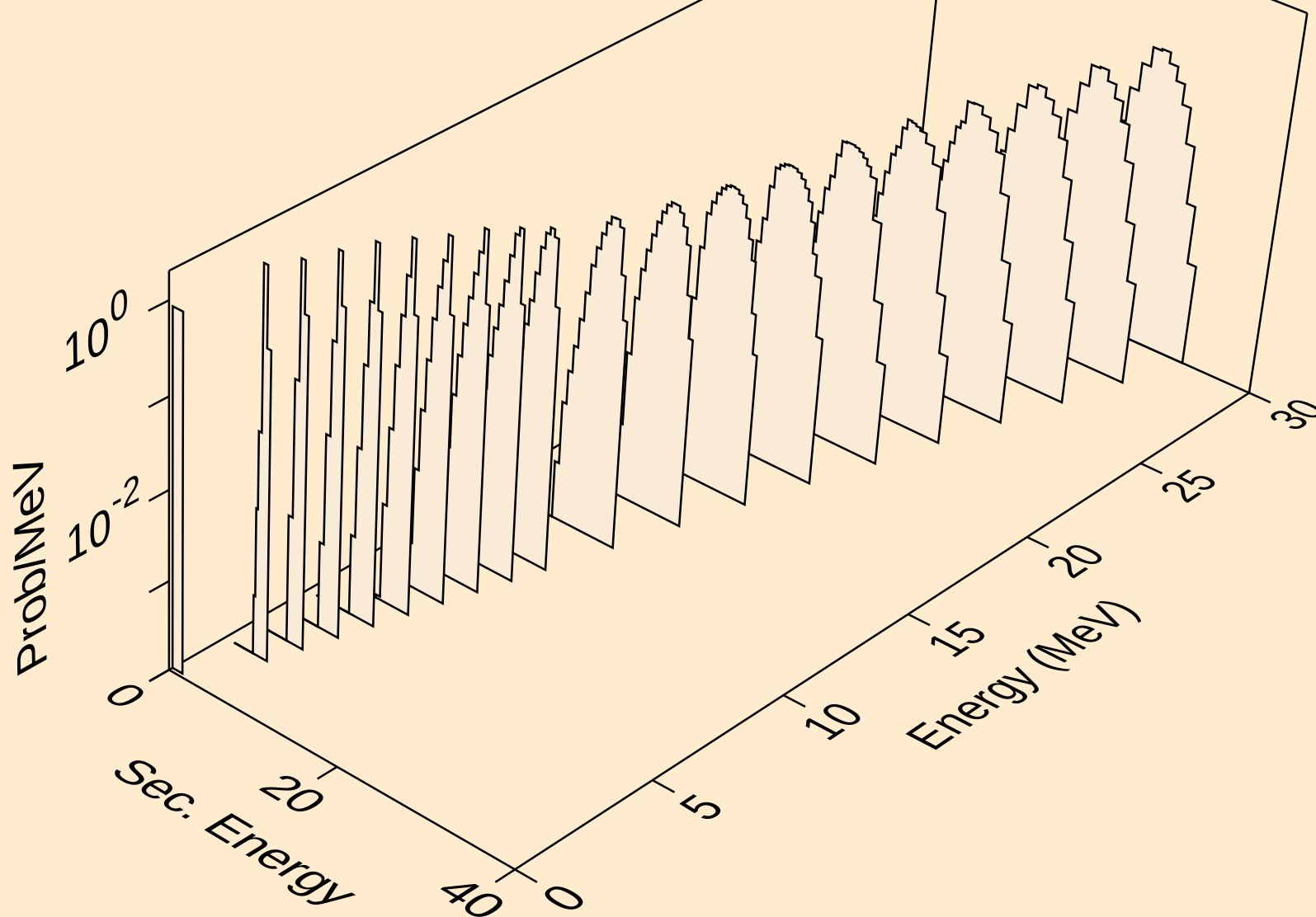
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)2a



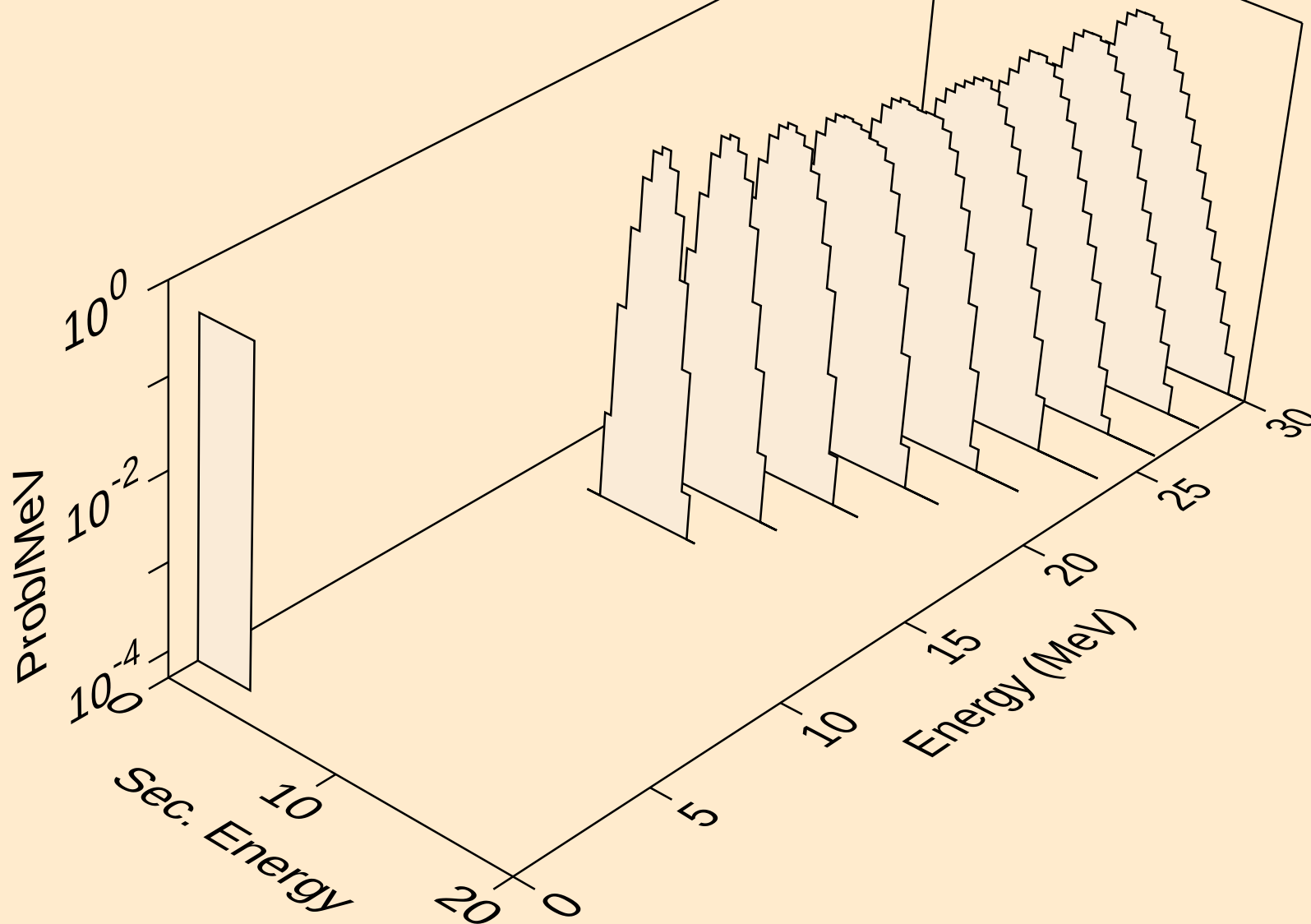
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,npa)



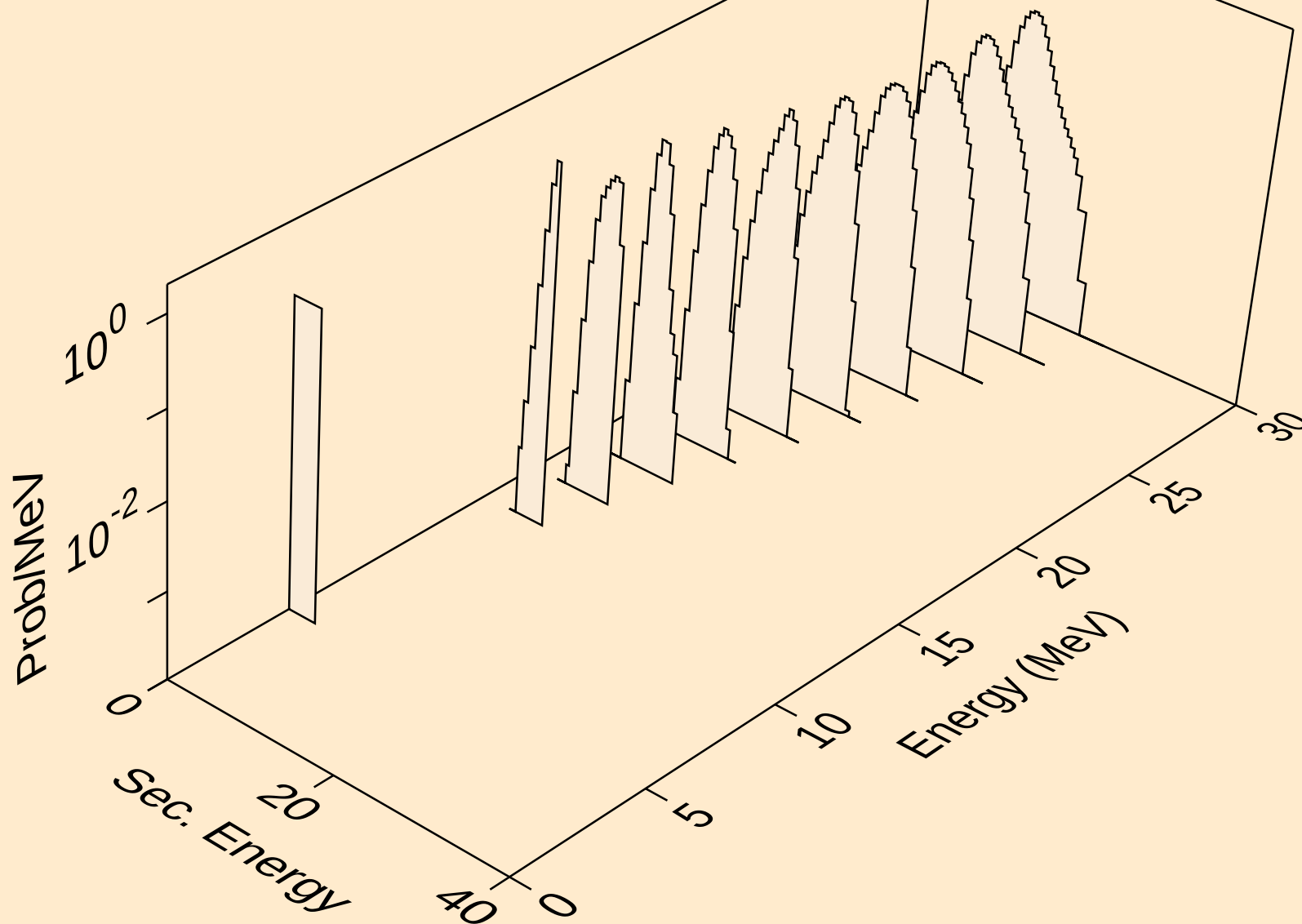
SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)



SN119 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,da)

