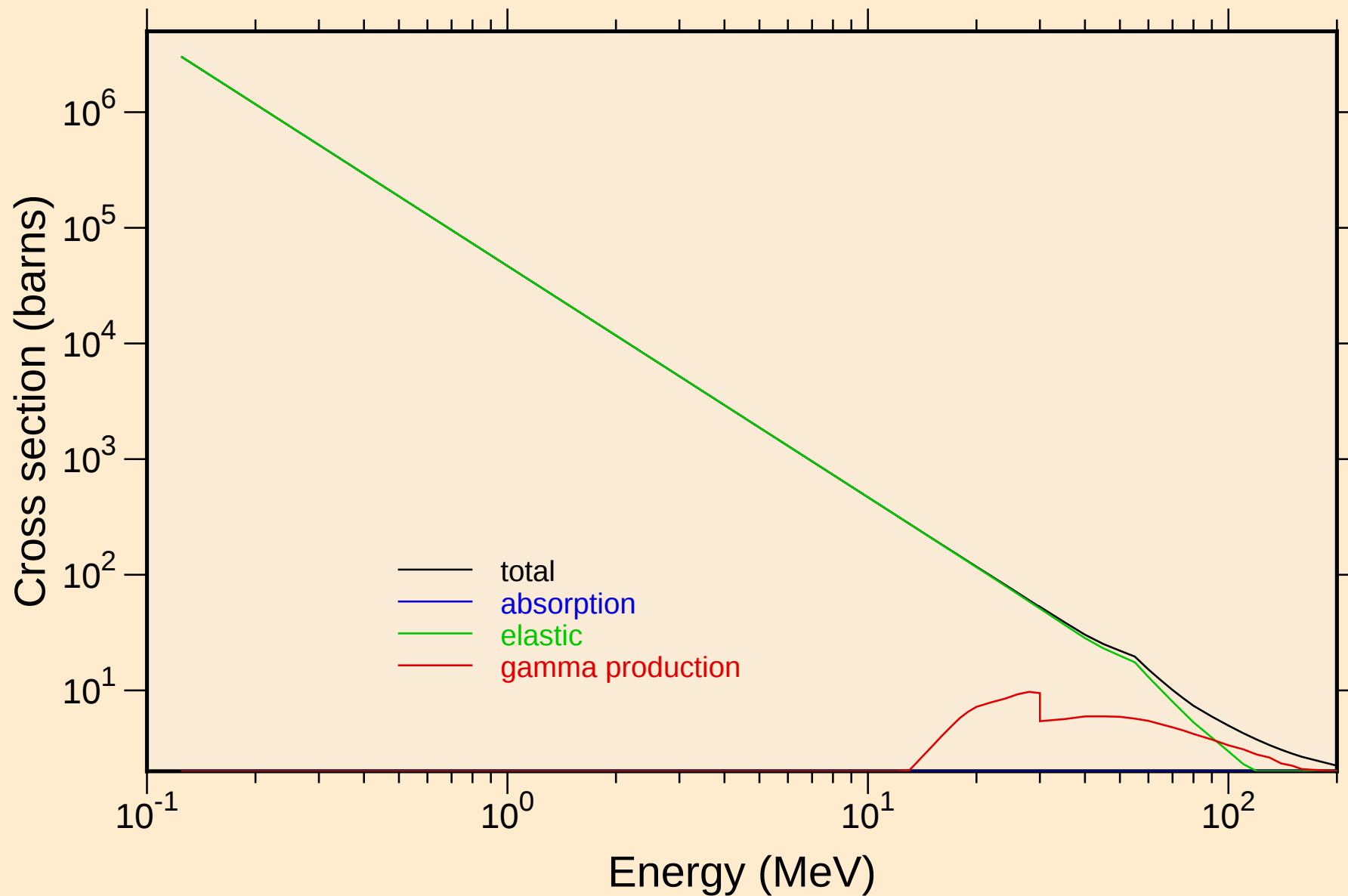


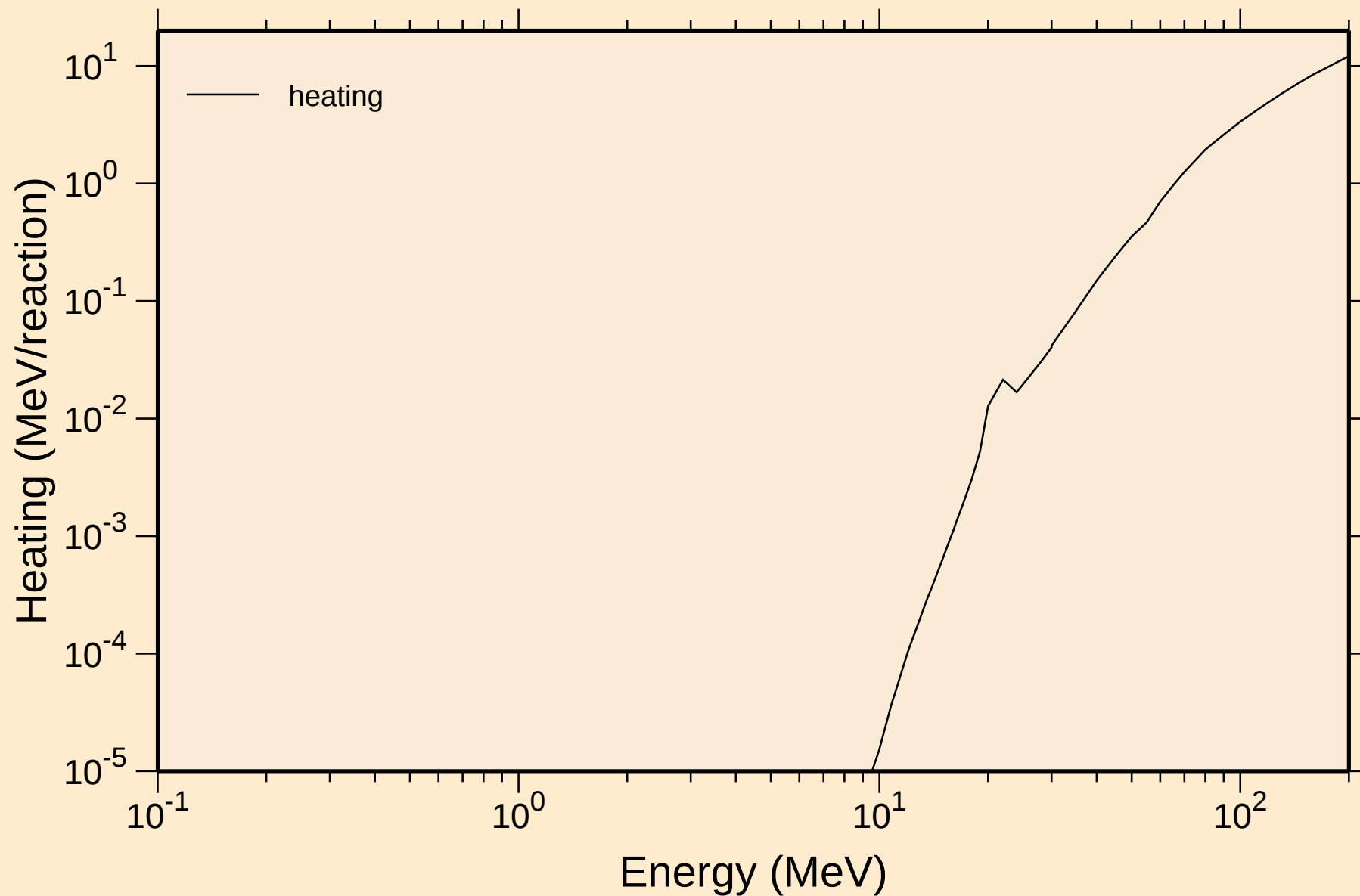
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



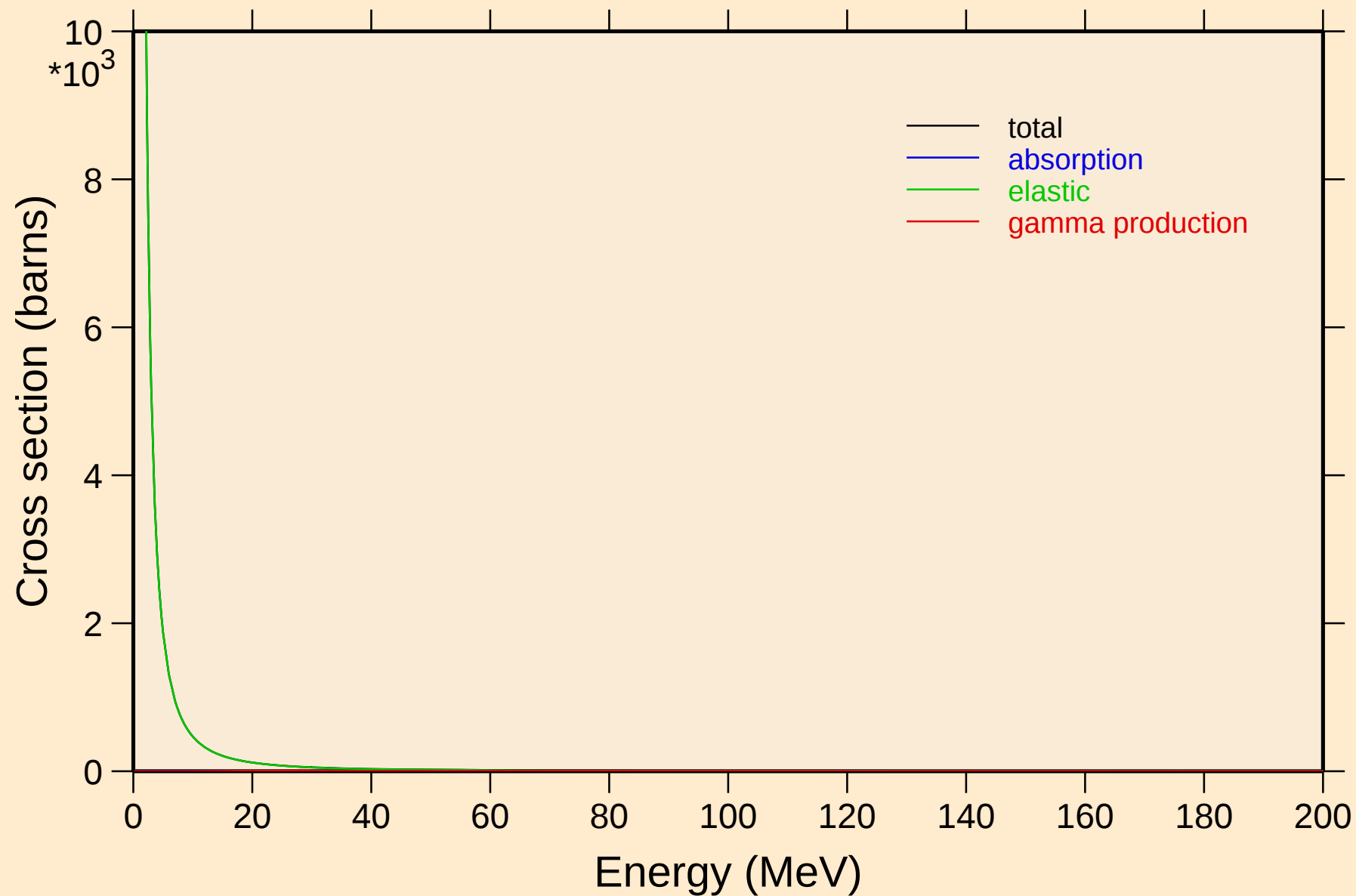
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



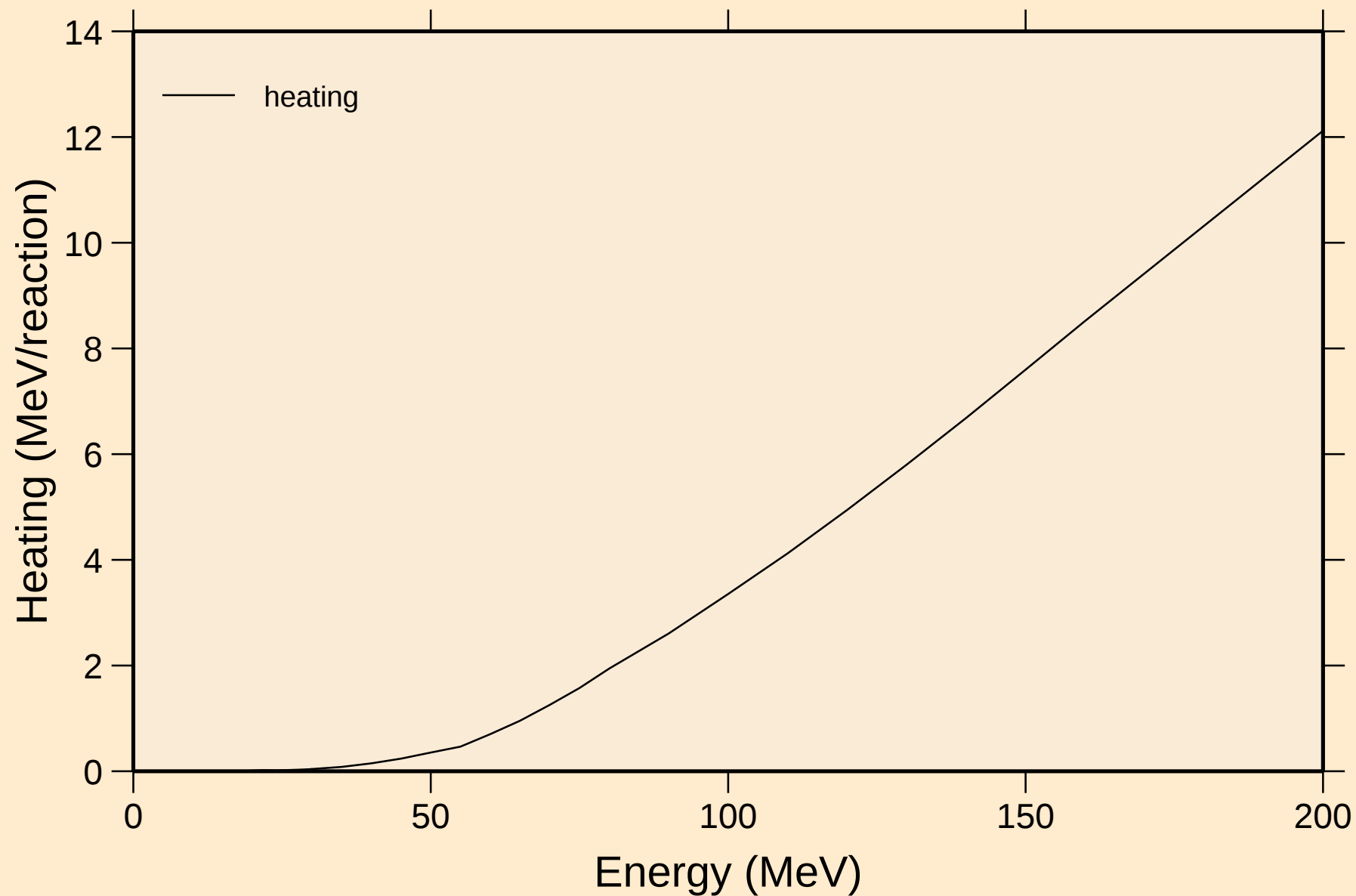
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



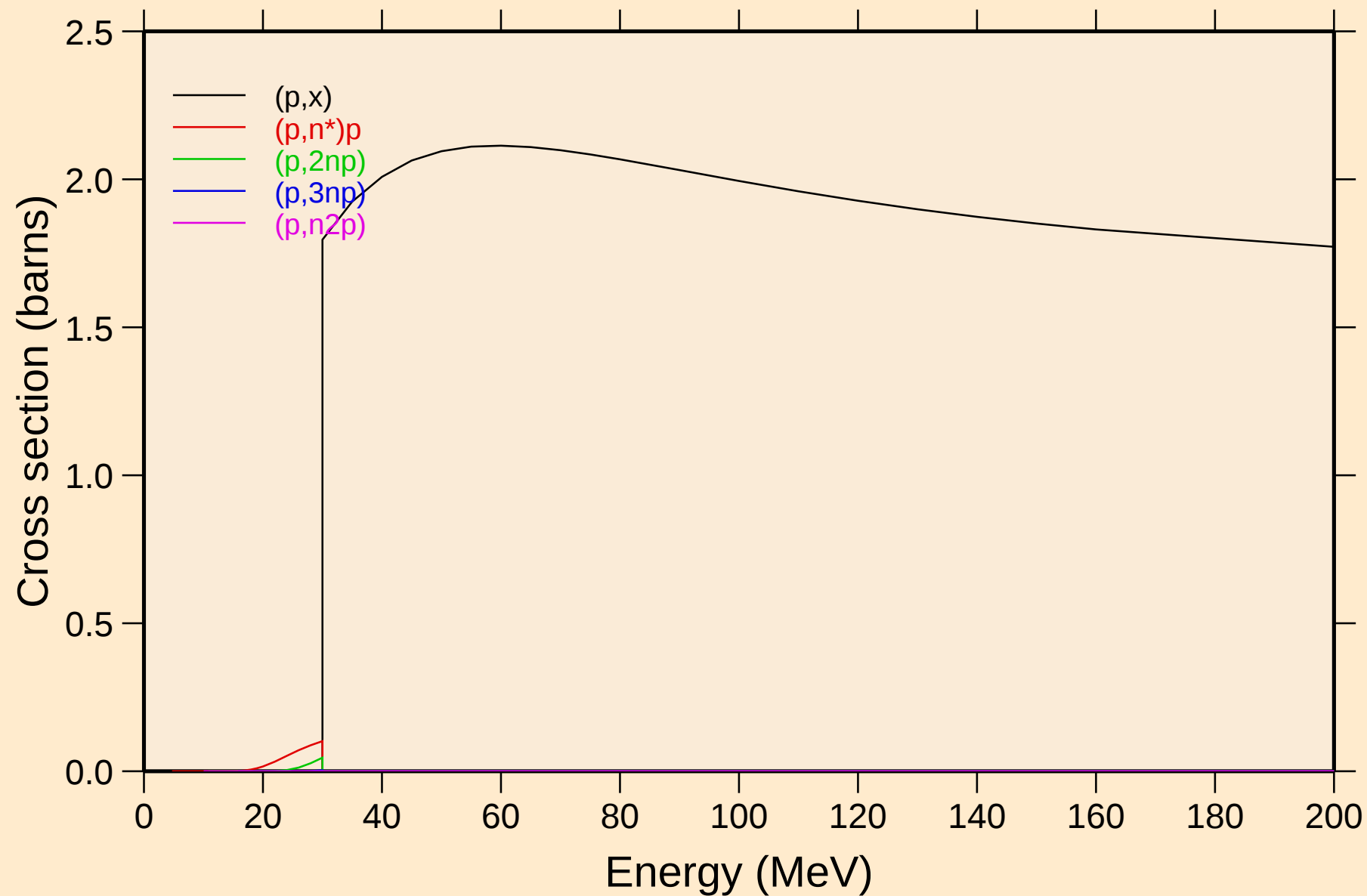
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



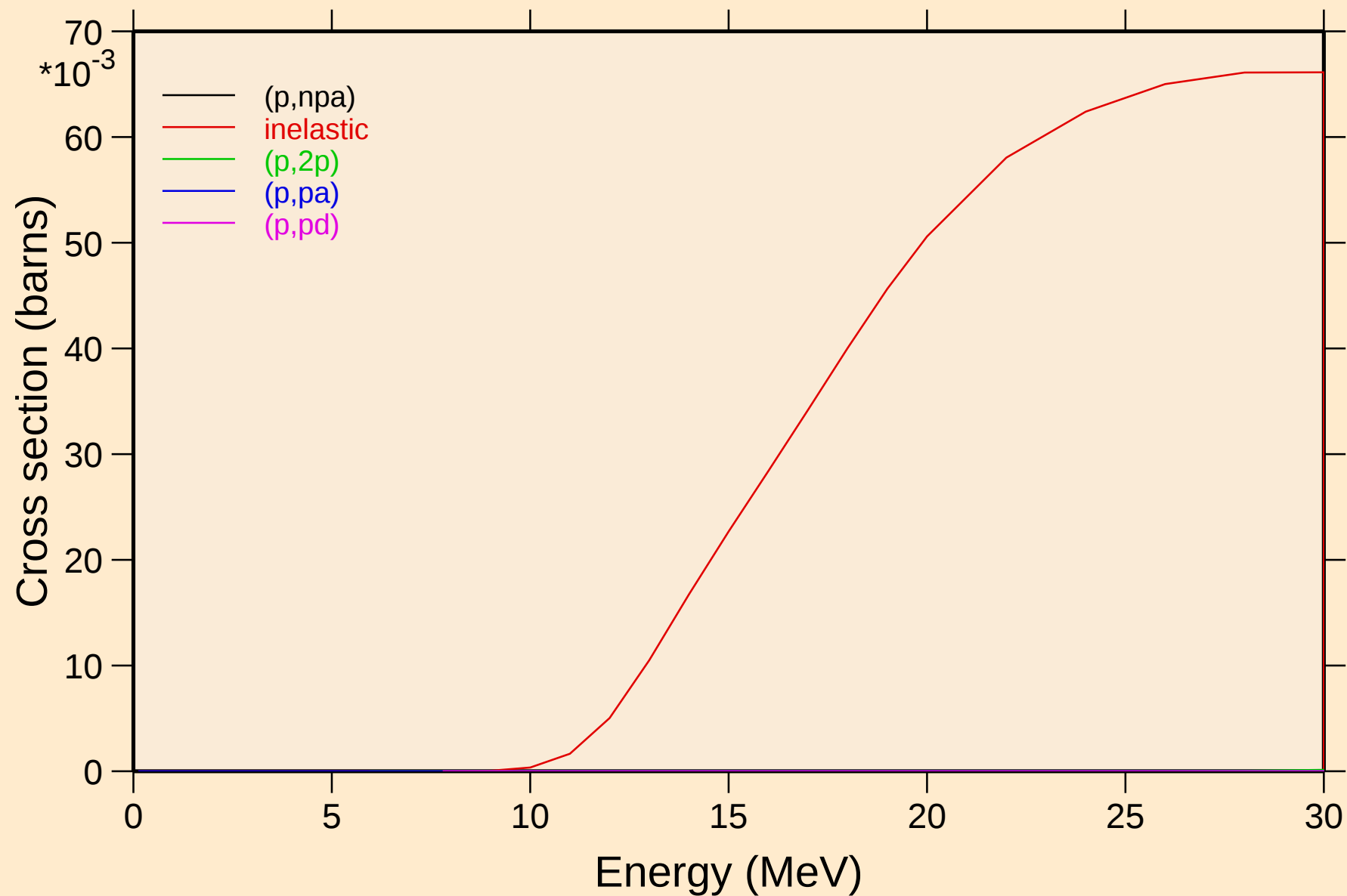
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



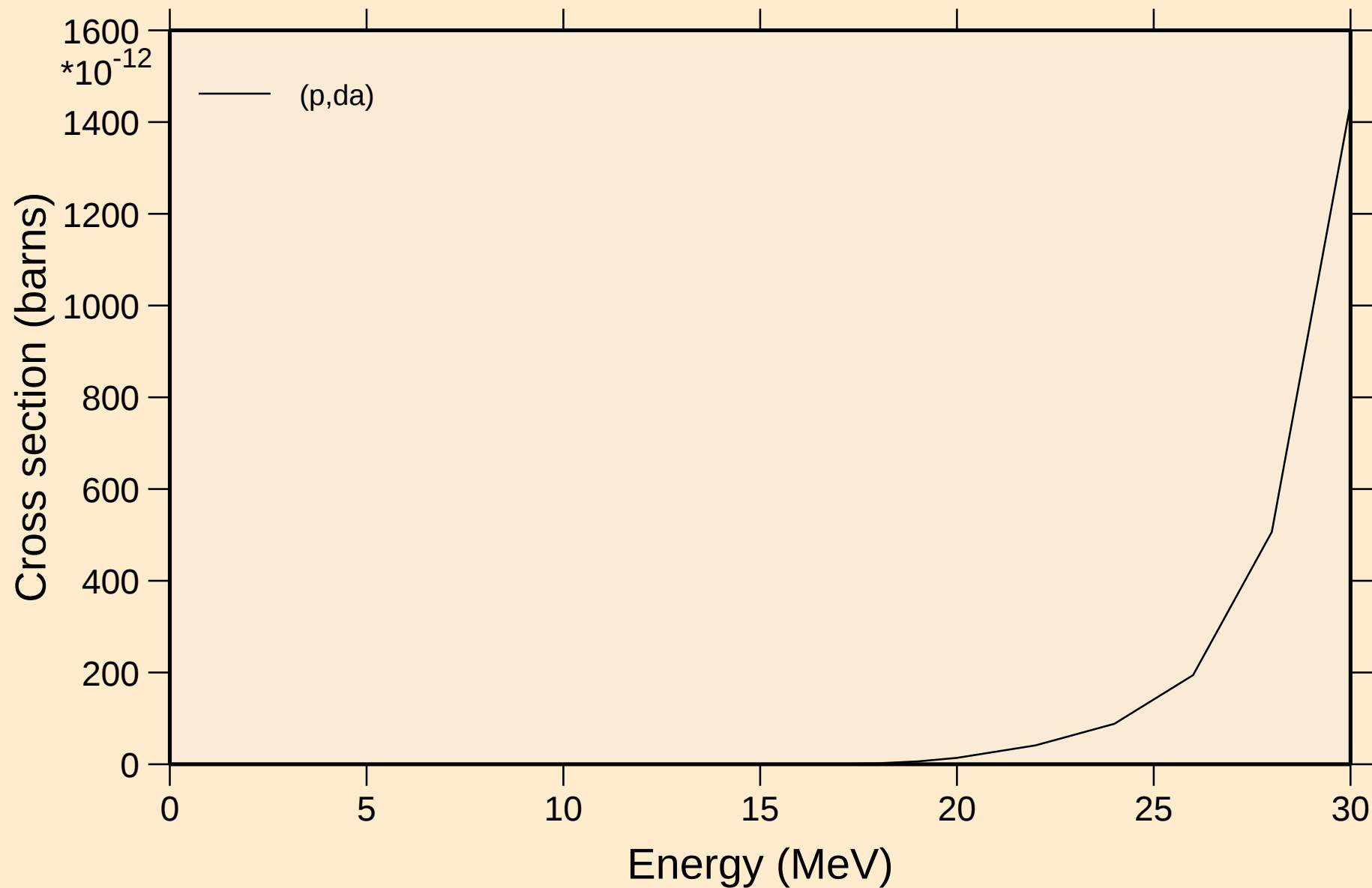
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

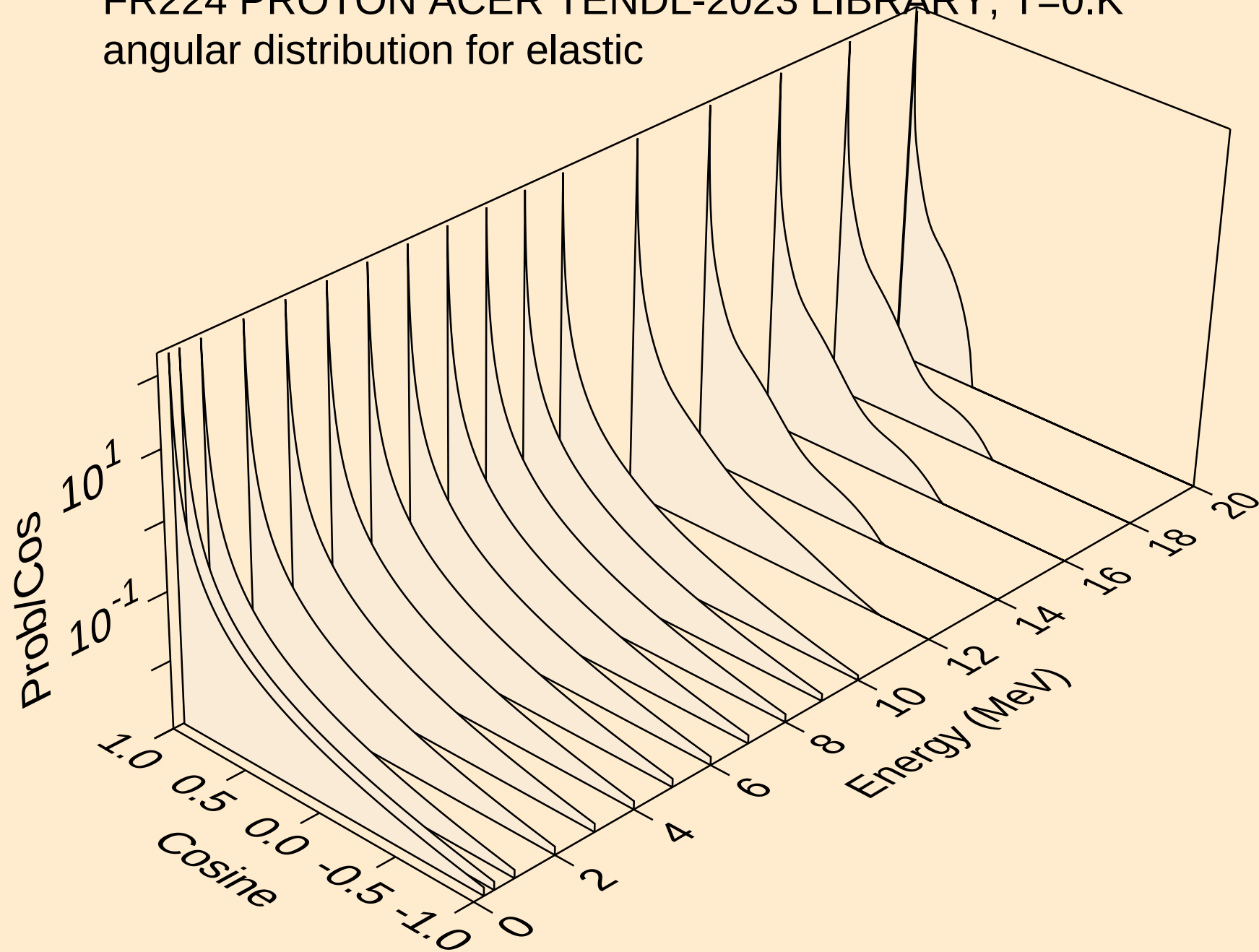


FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

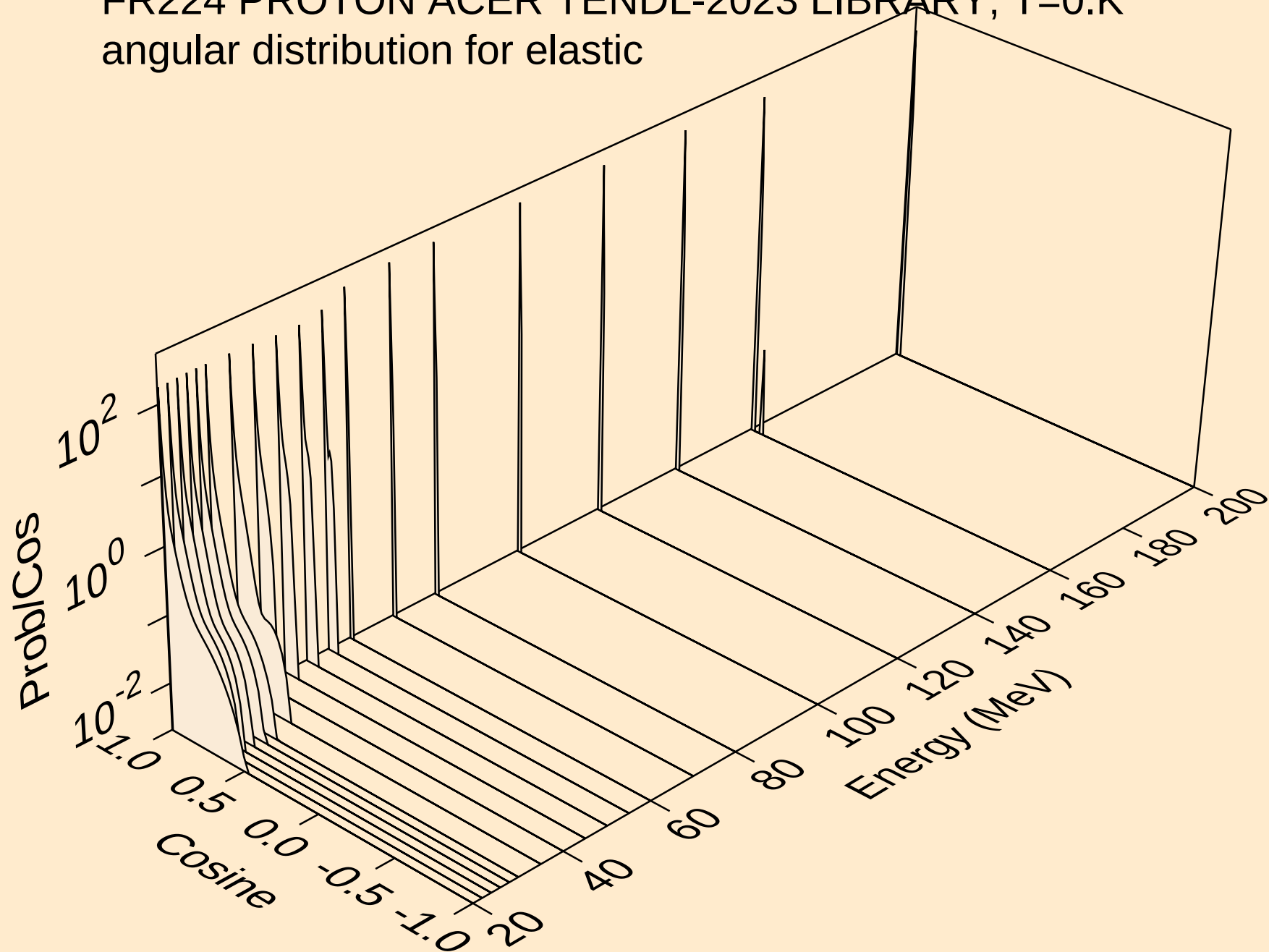
Threshold reactions



FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

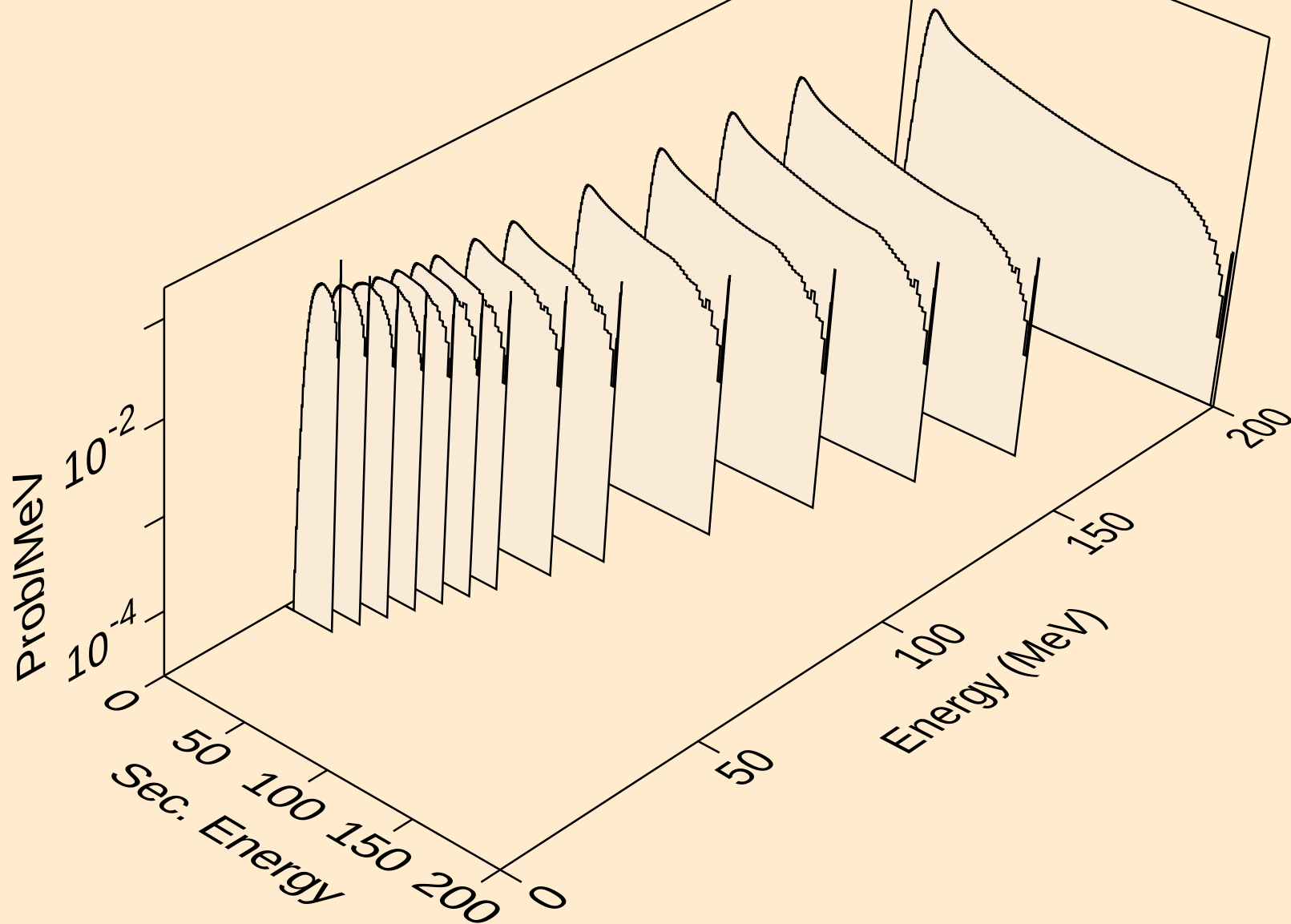


FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



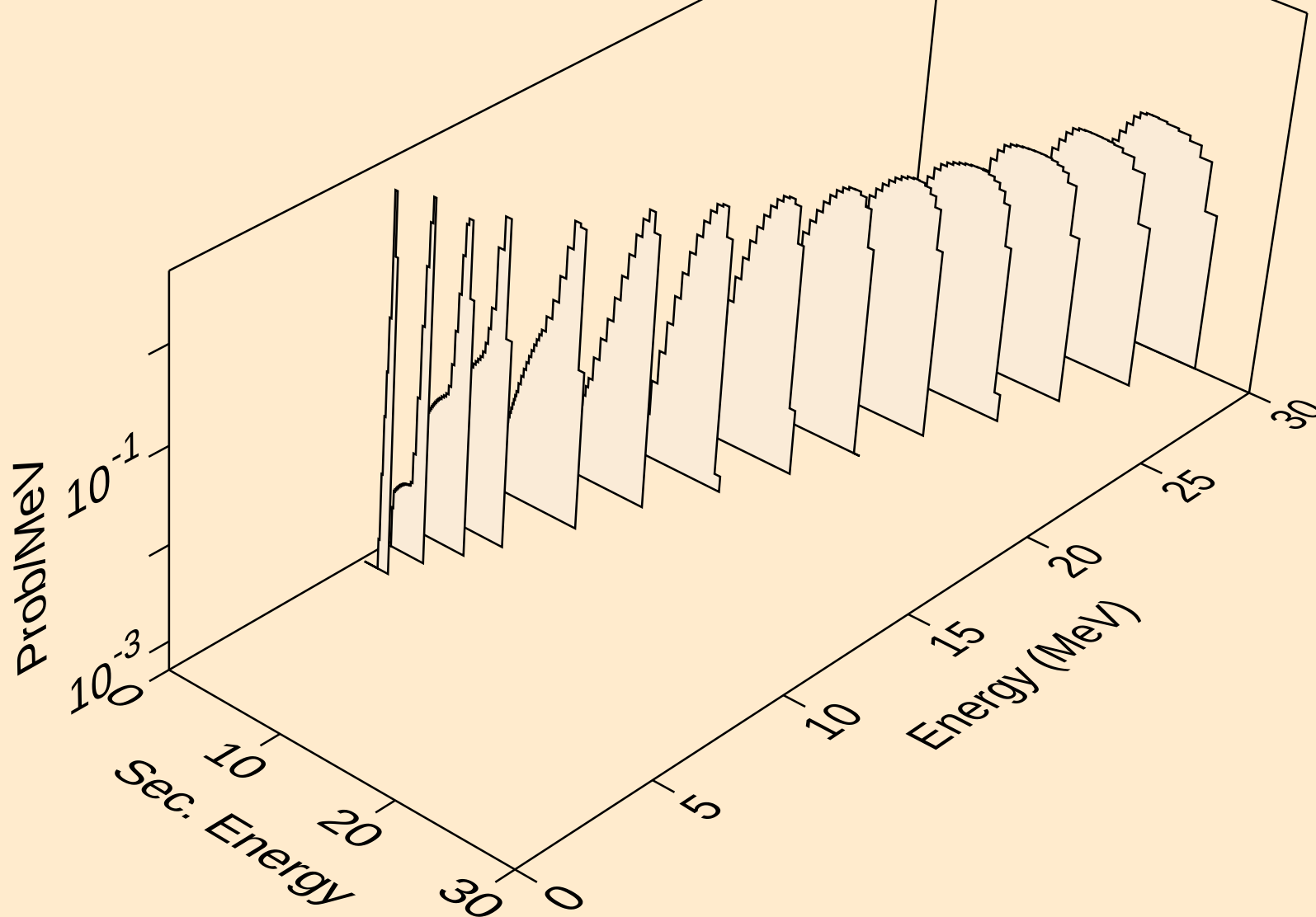
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,x)

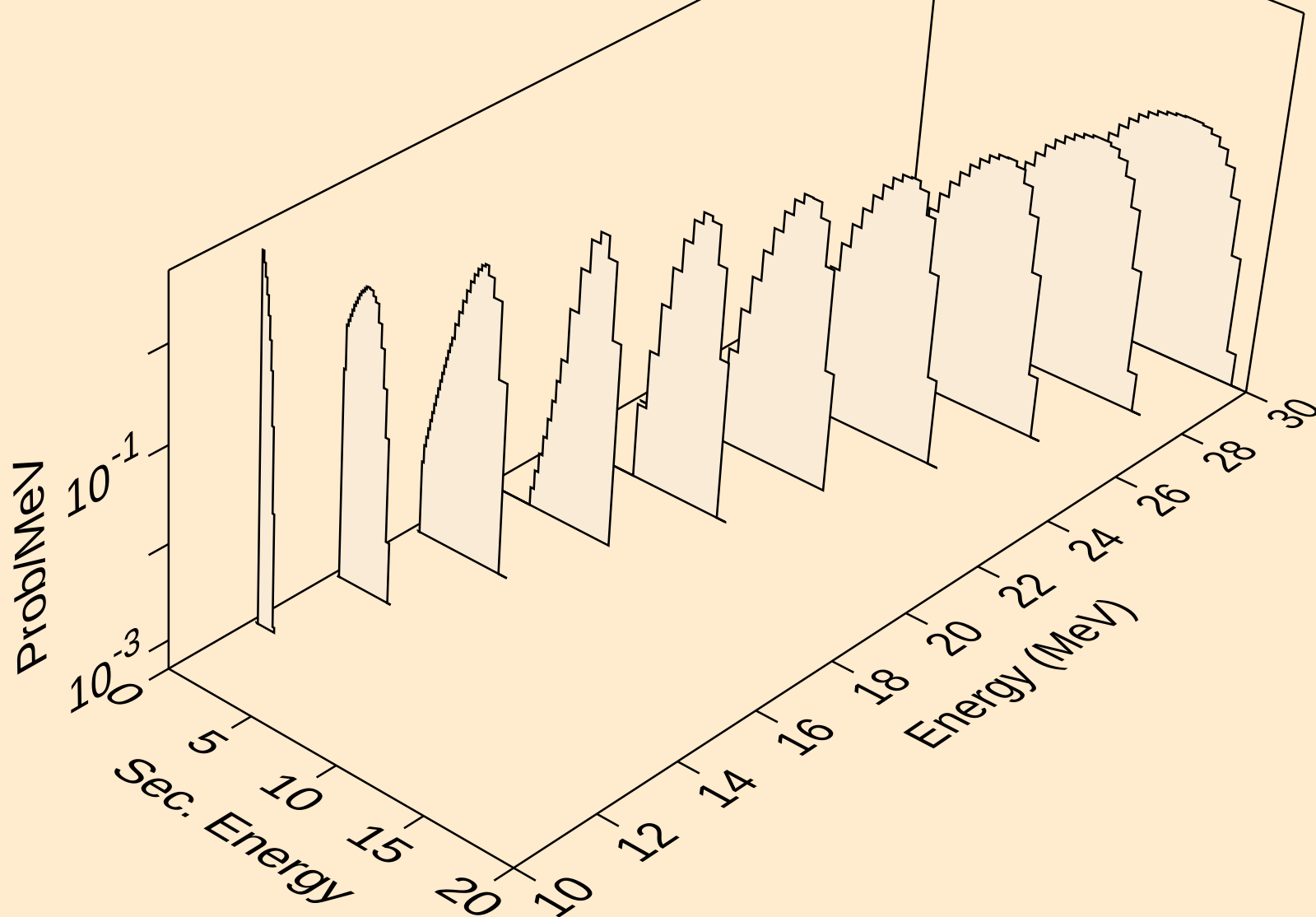


FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

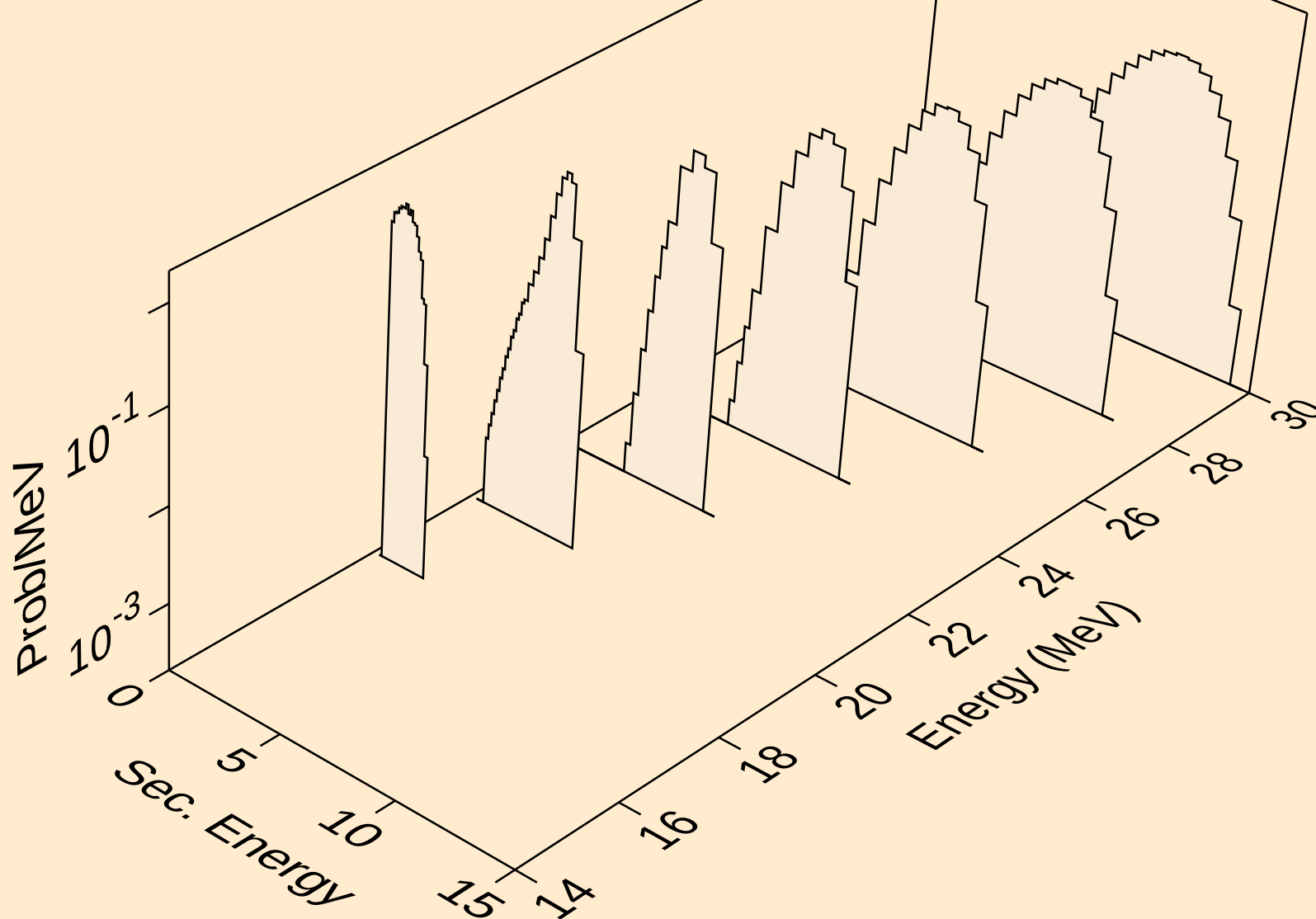
Proton emission for (p,n*)p



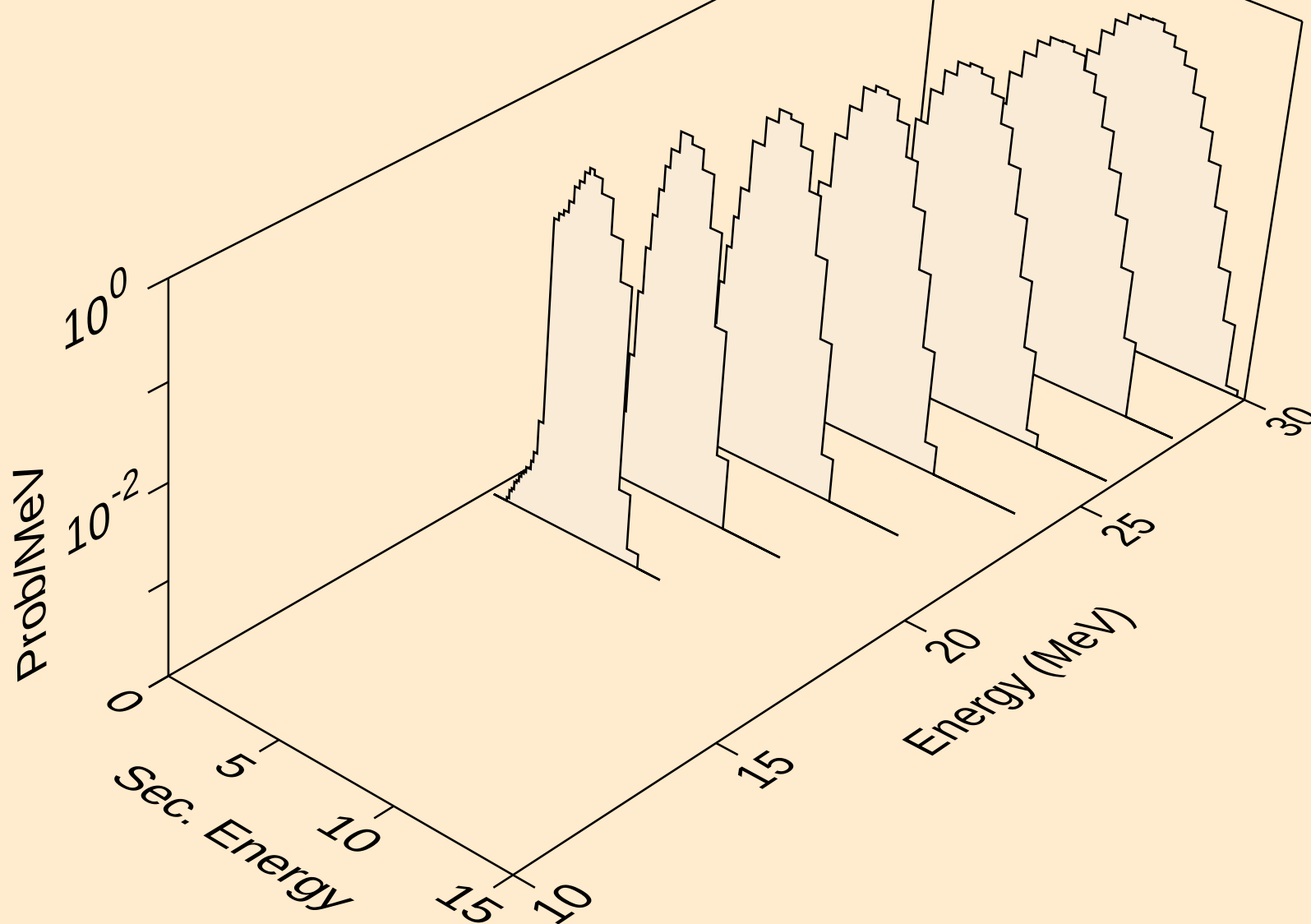
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



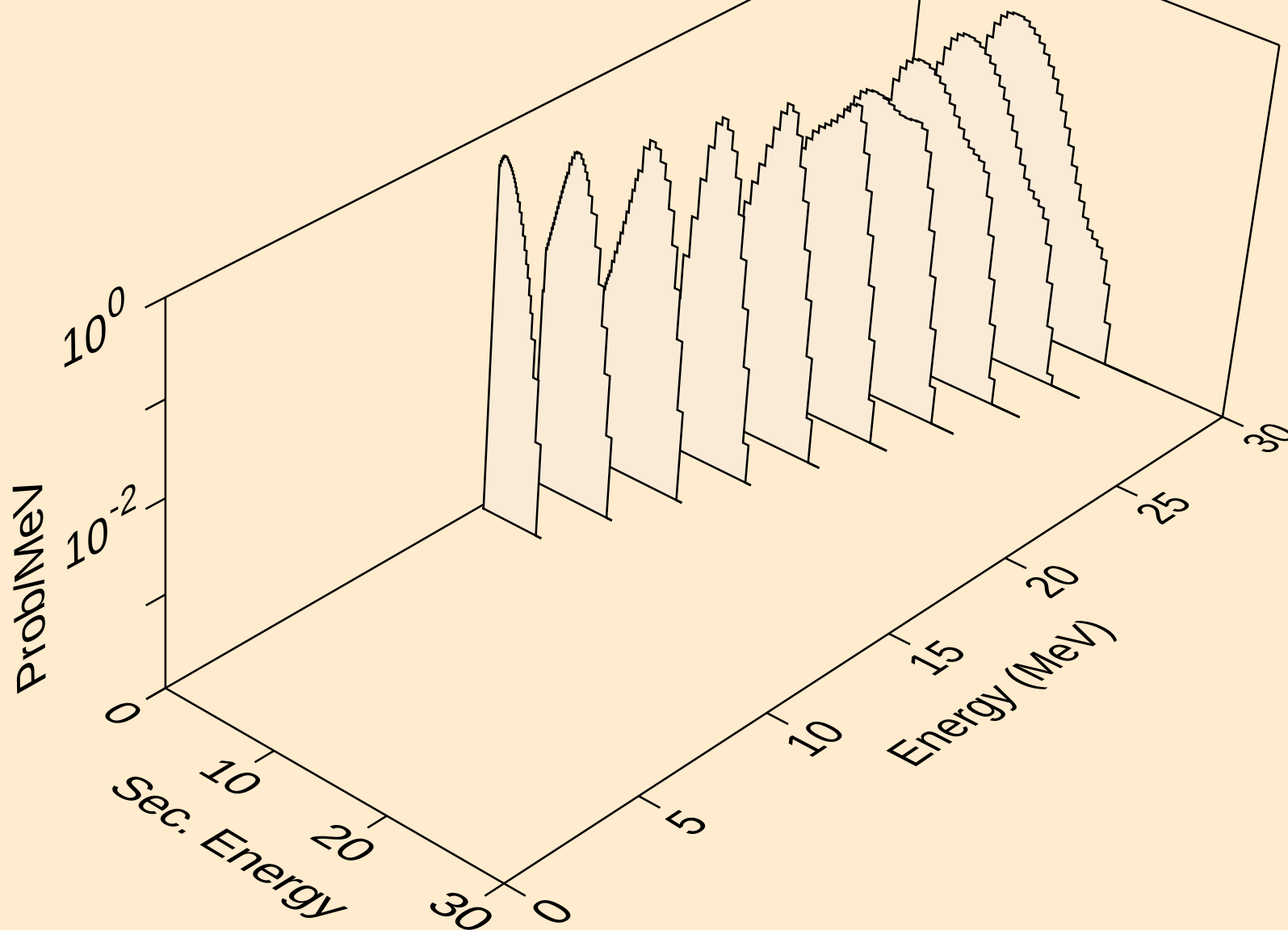
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)



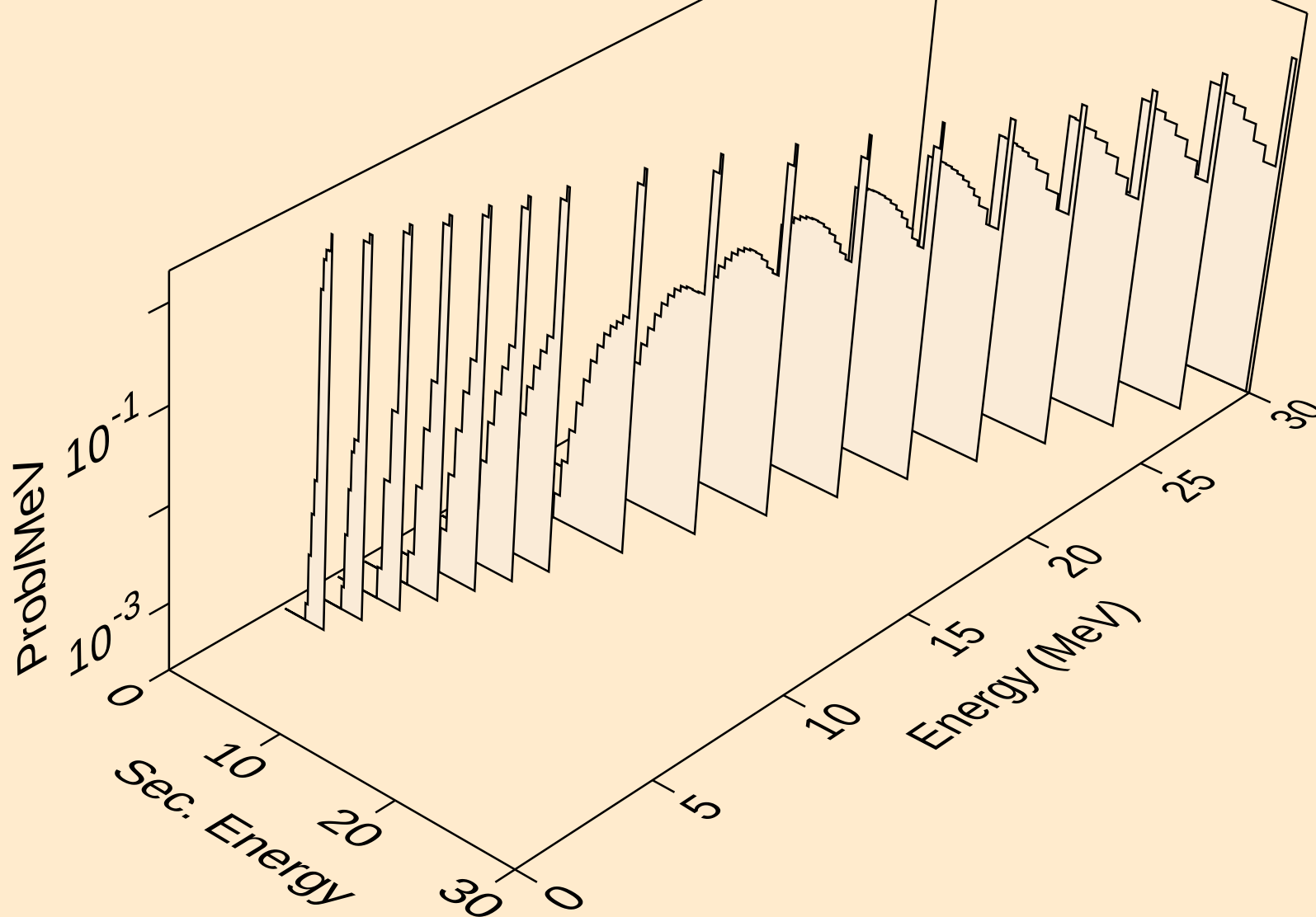
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)

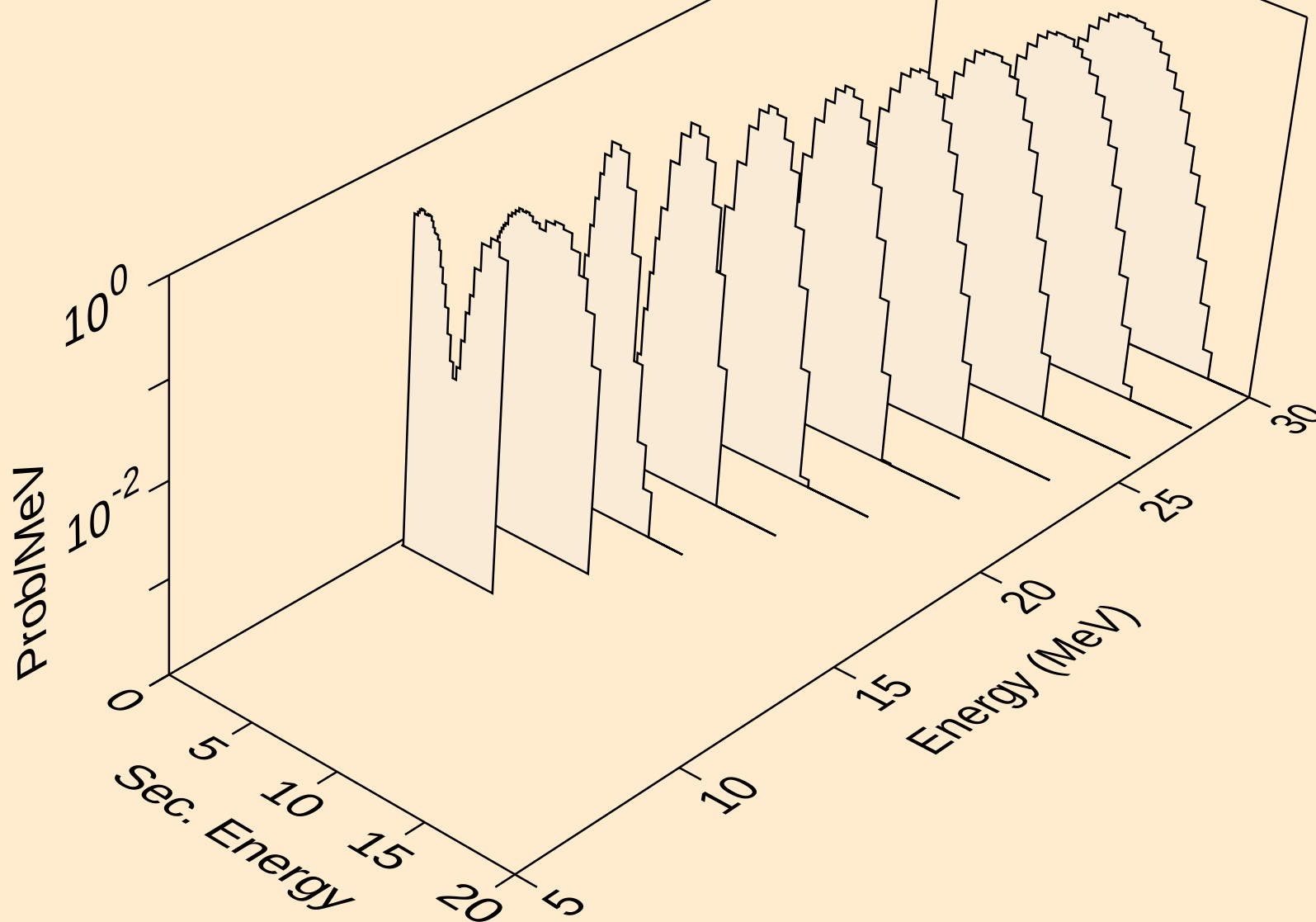


FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic

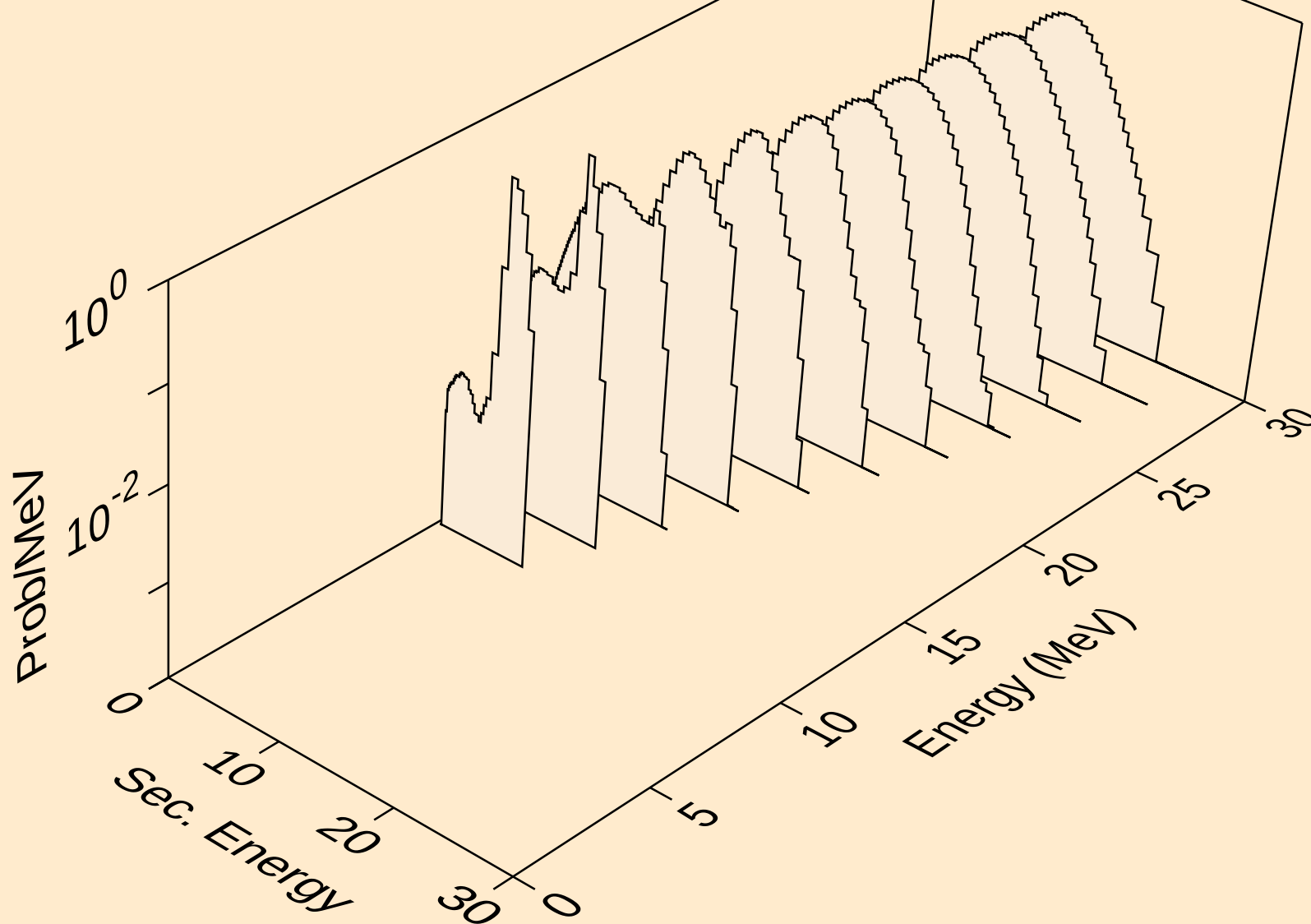


FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,2p)

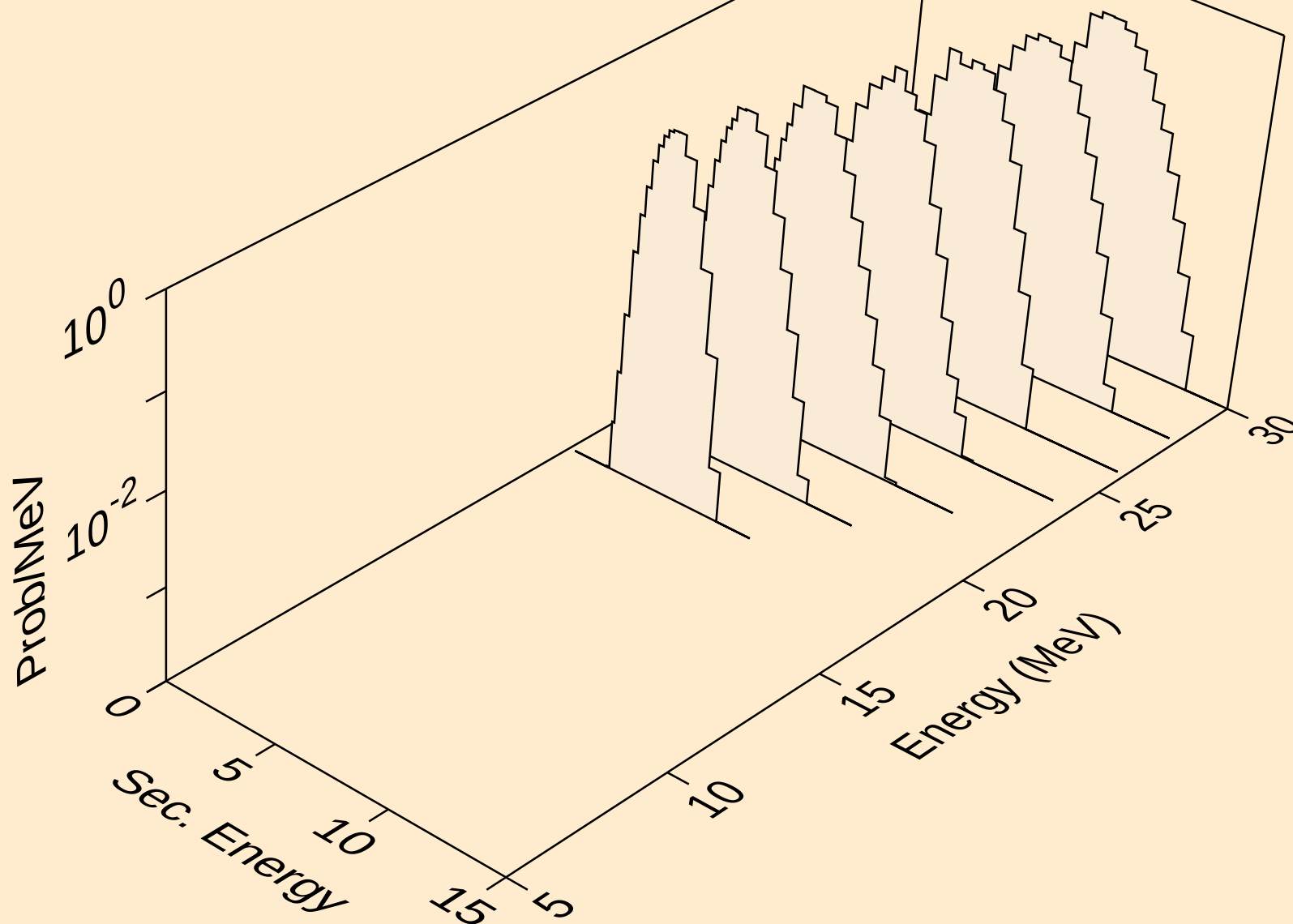


FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pa)

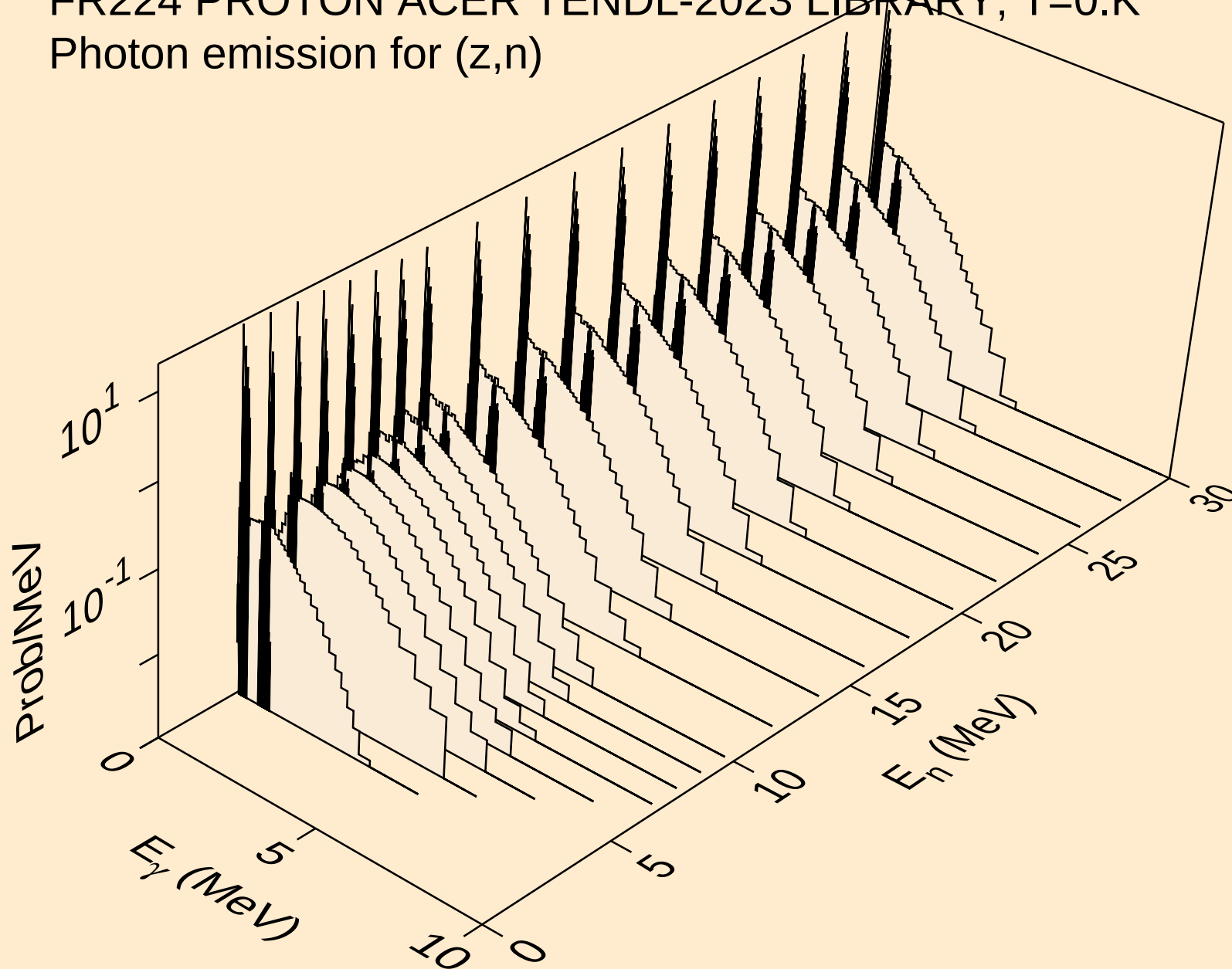


FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pd)

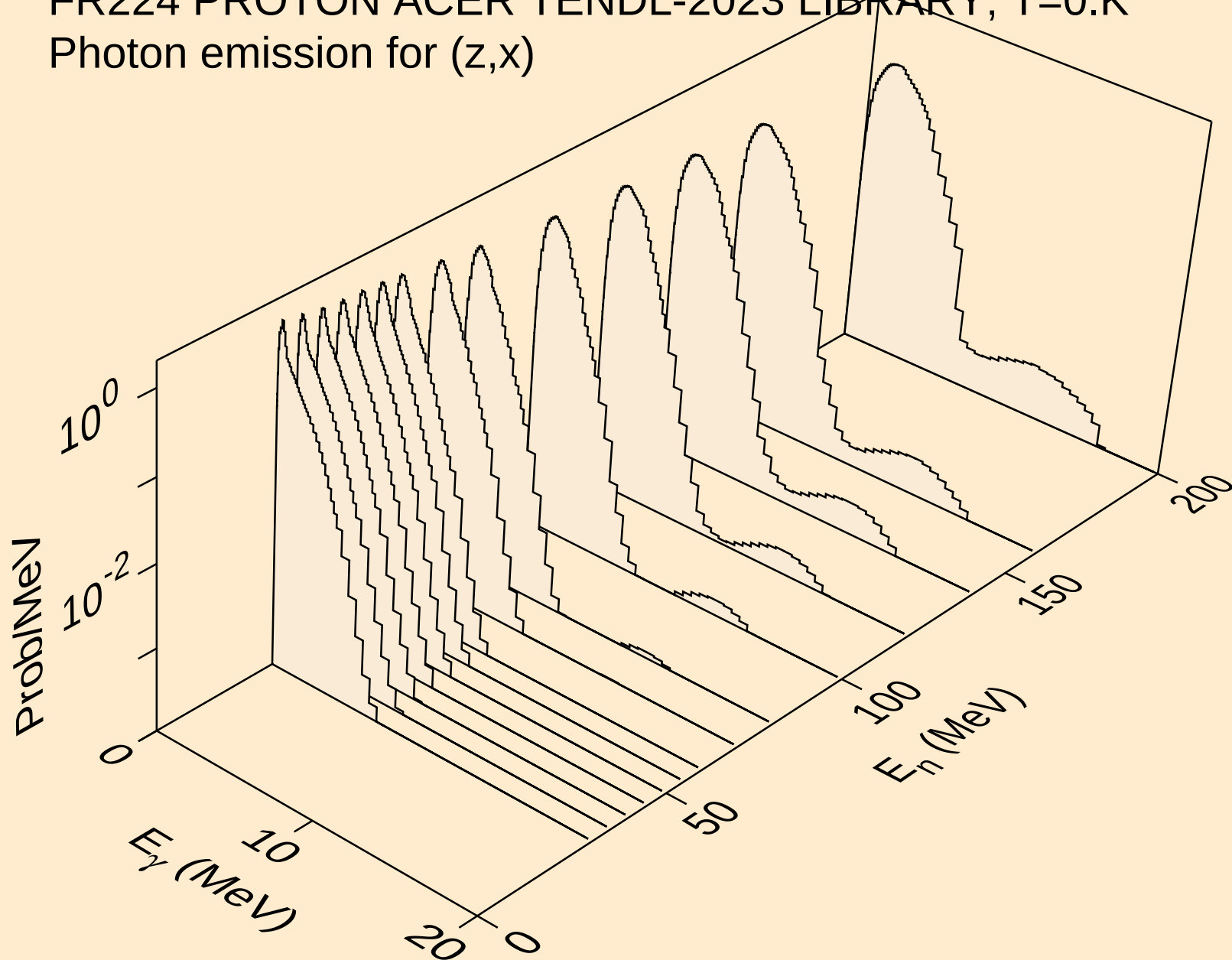


FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (z,n)

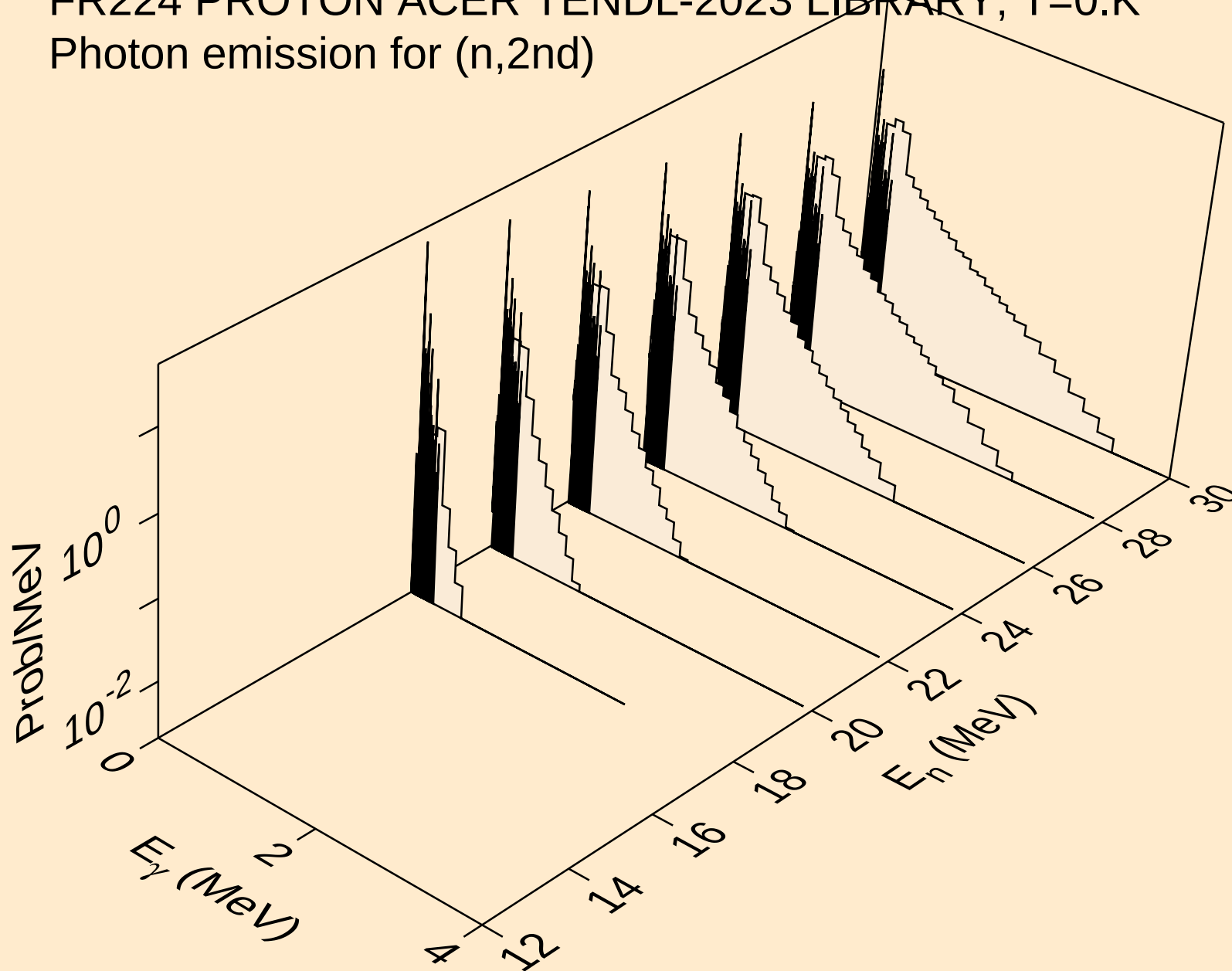


FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

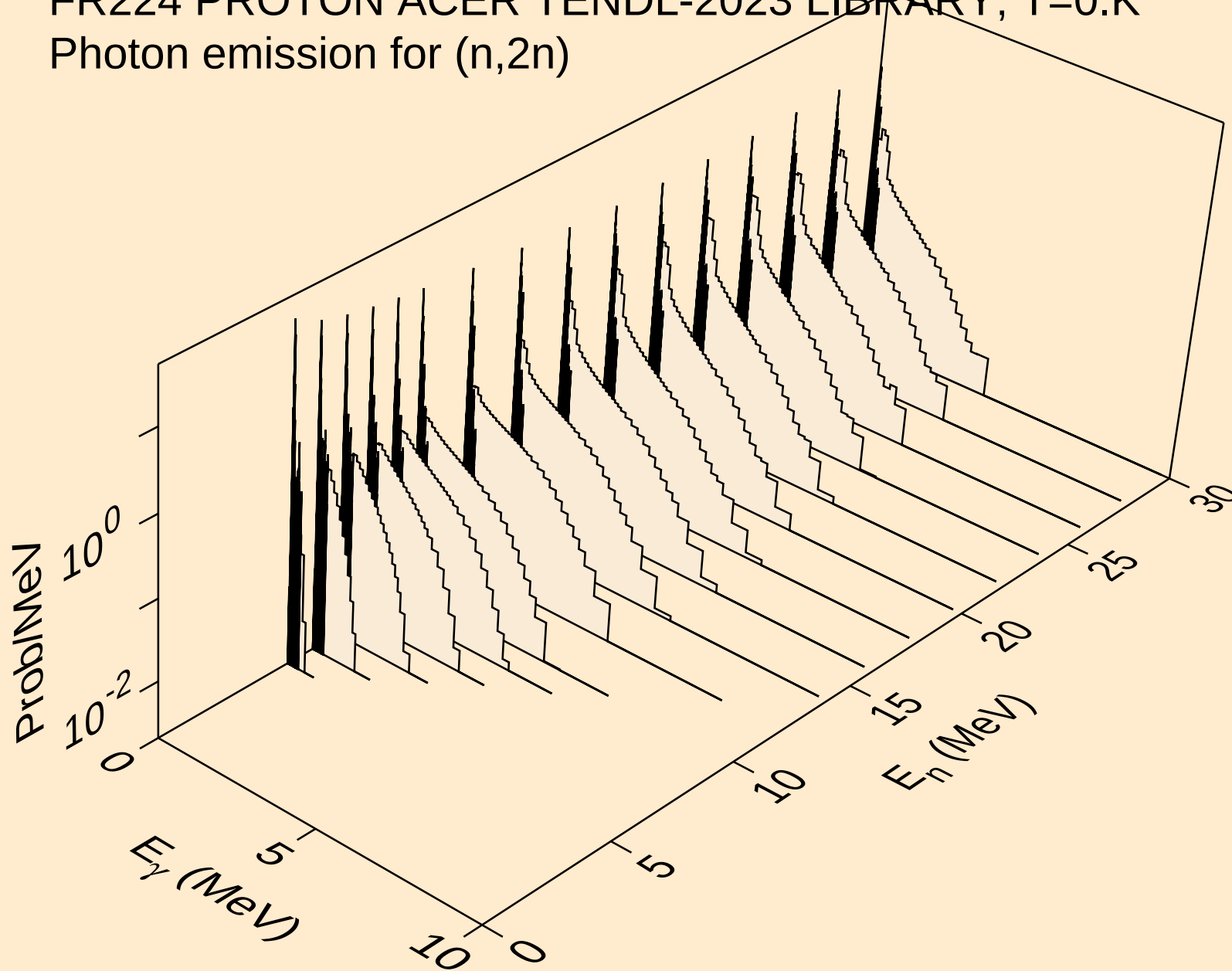
Photon emission for (z,x)



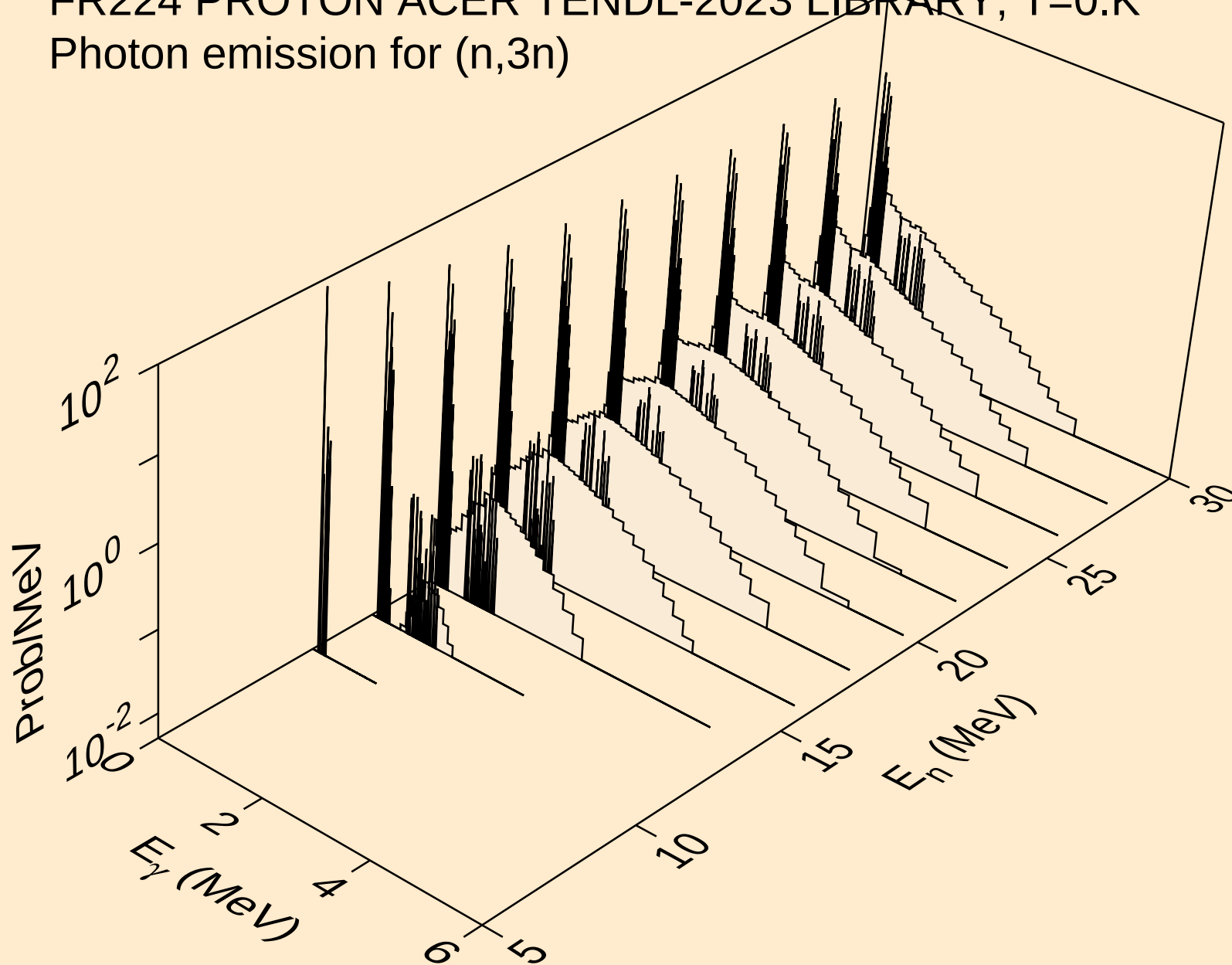
FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2nd)



FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2n)

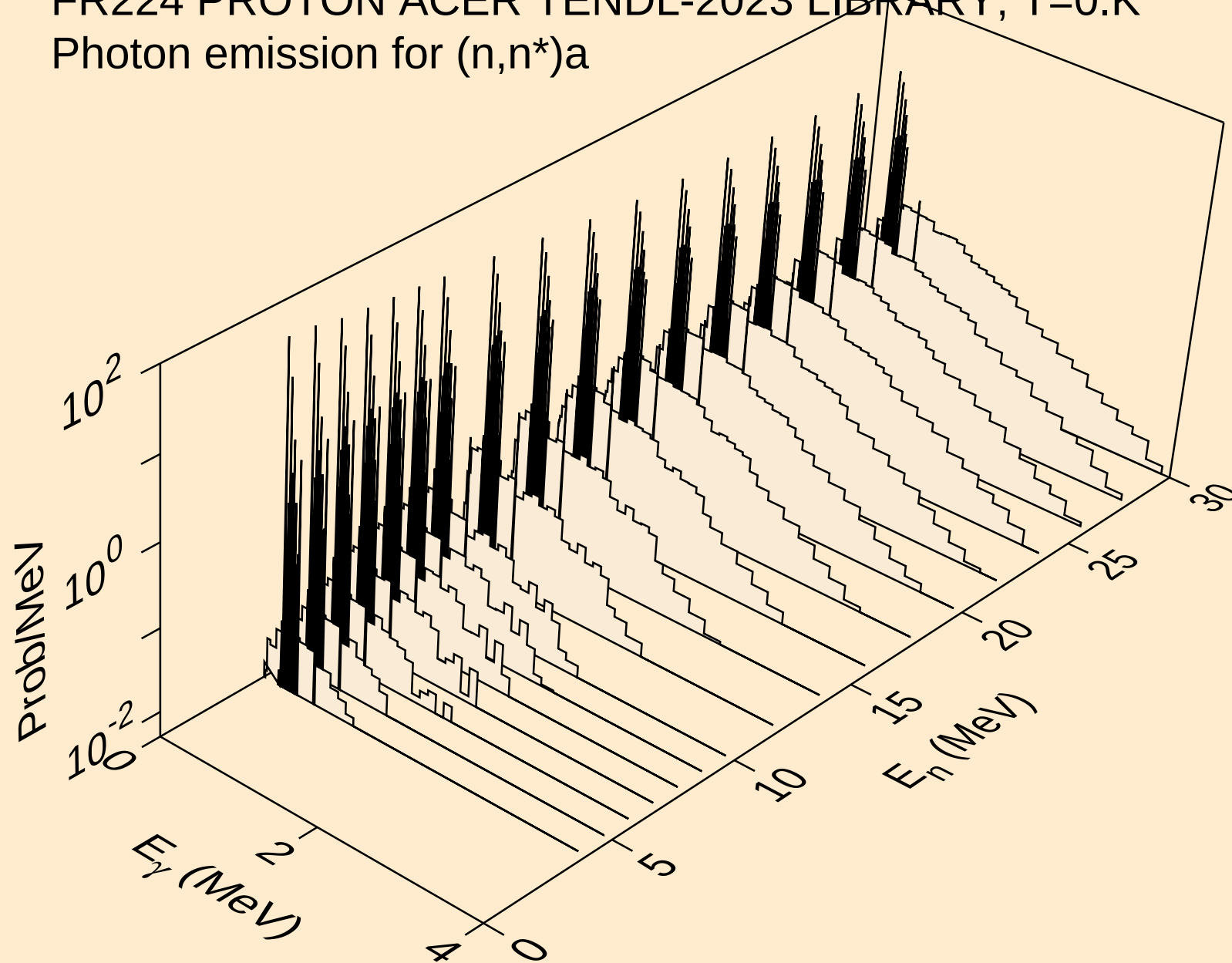


FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3n)



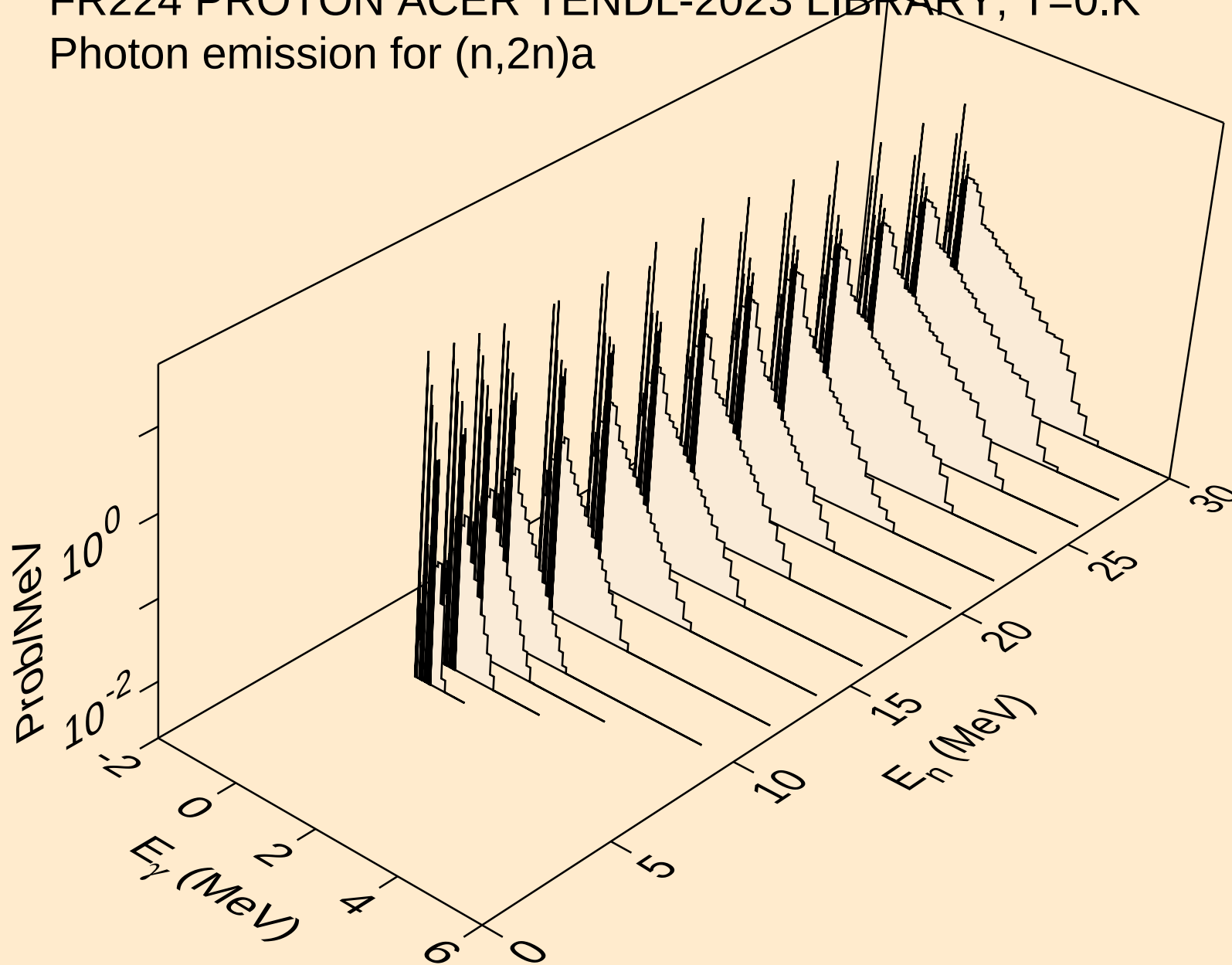
FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

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



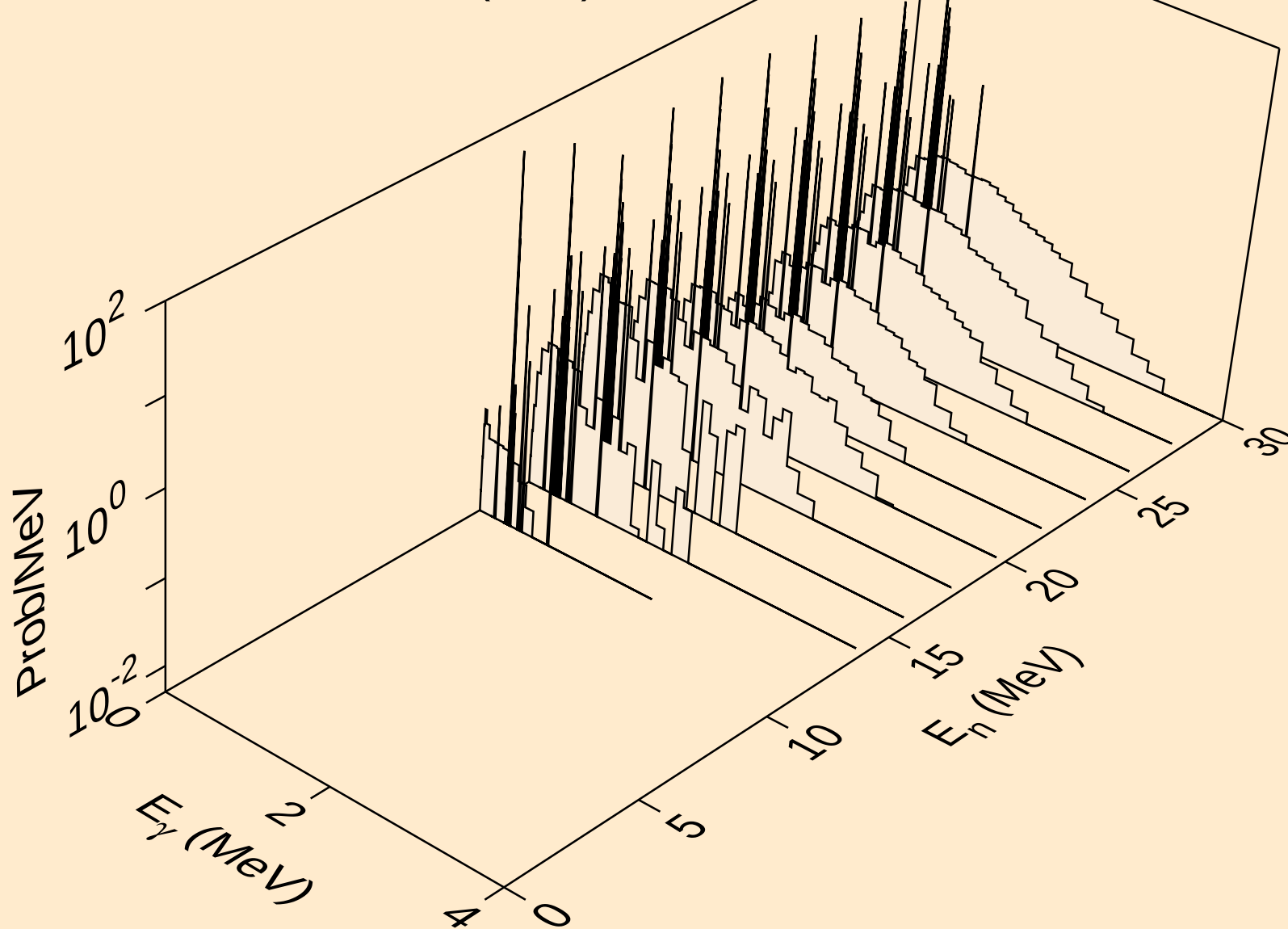
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



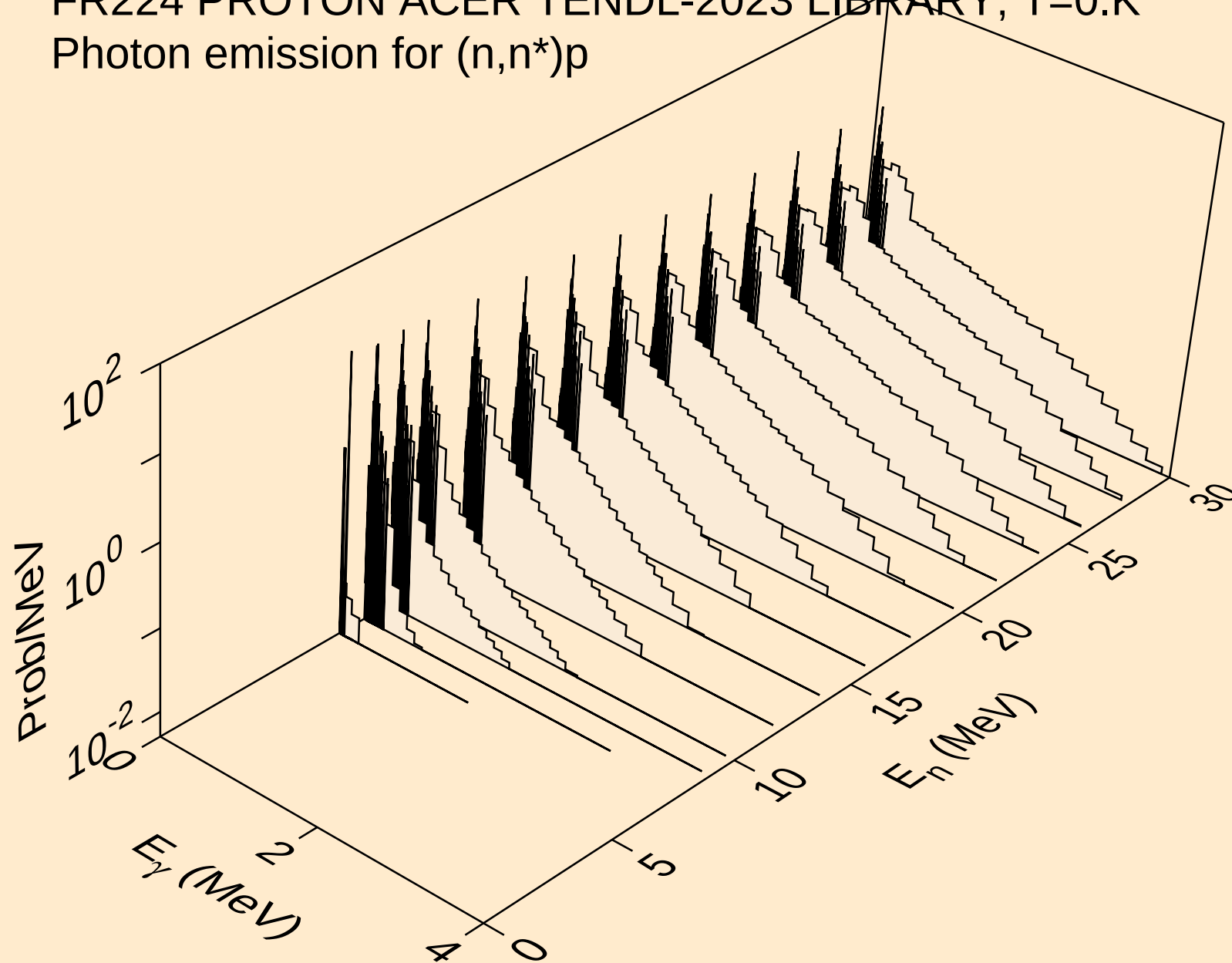
FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

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

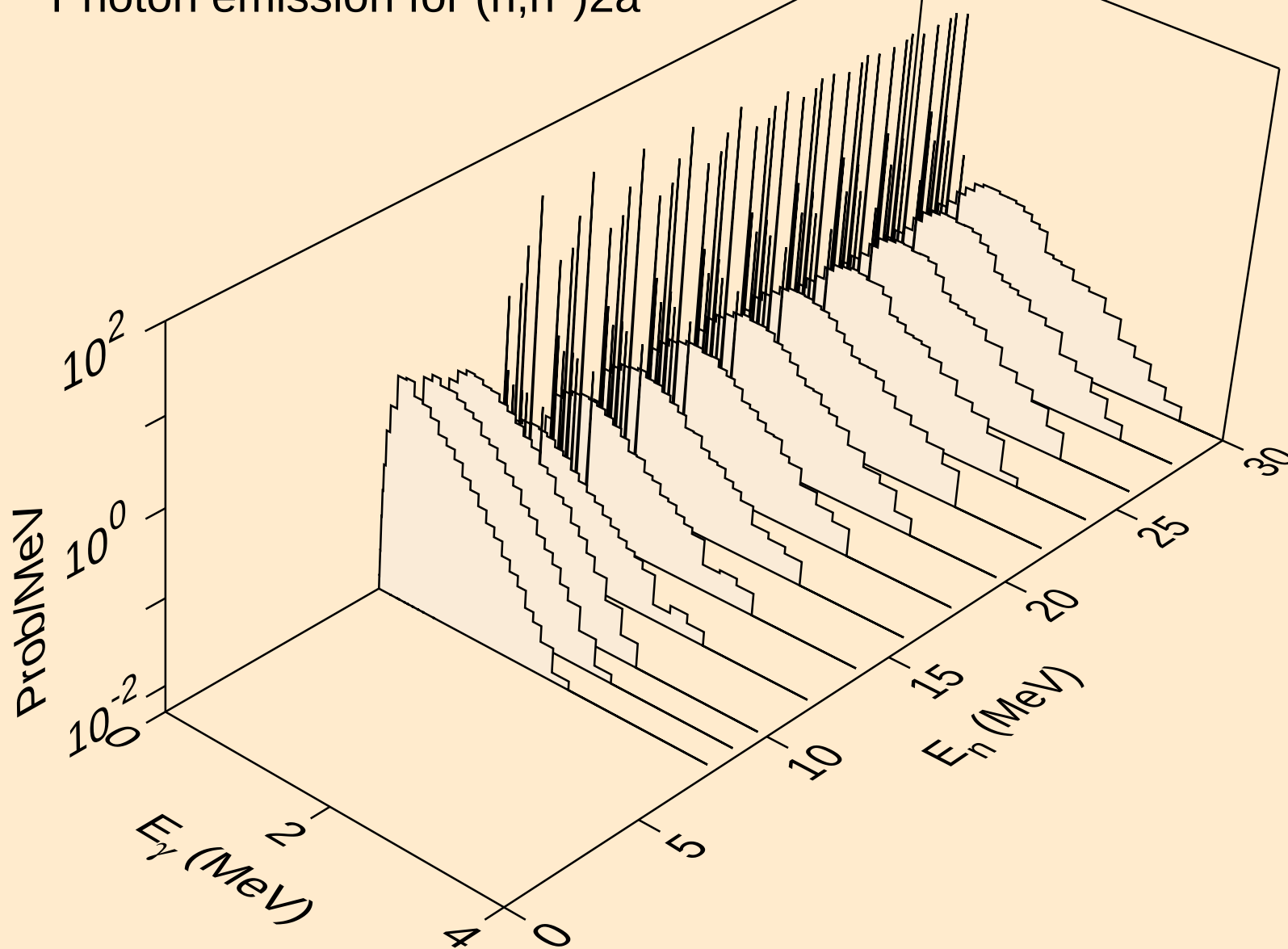


FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p

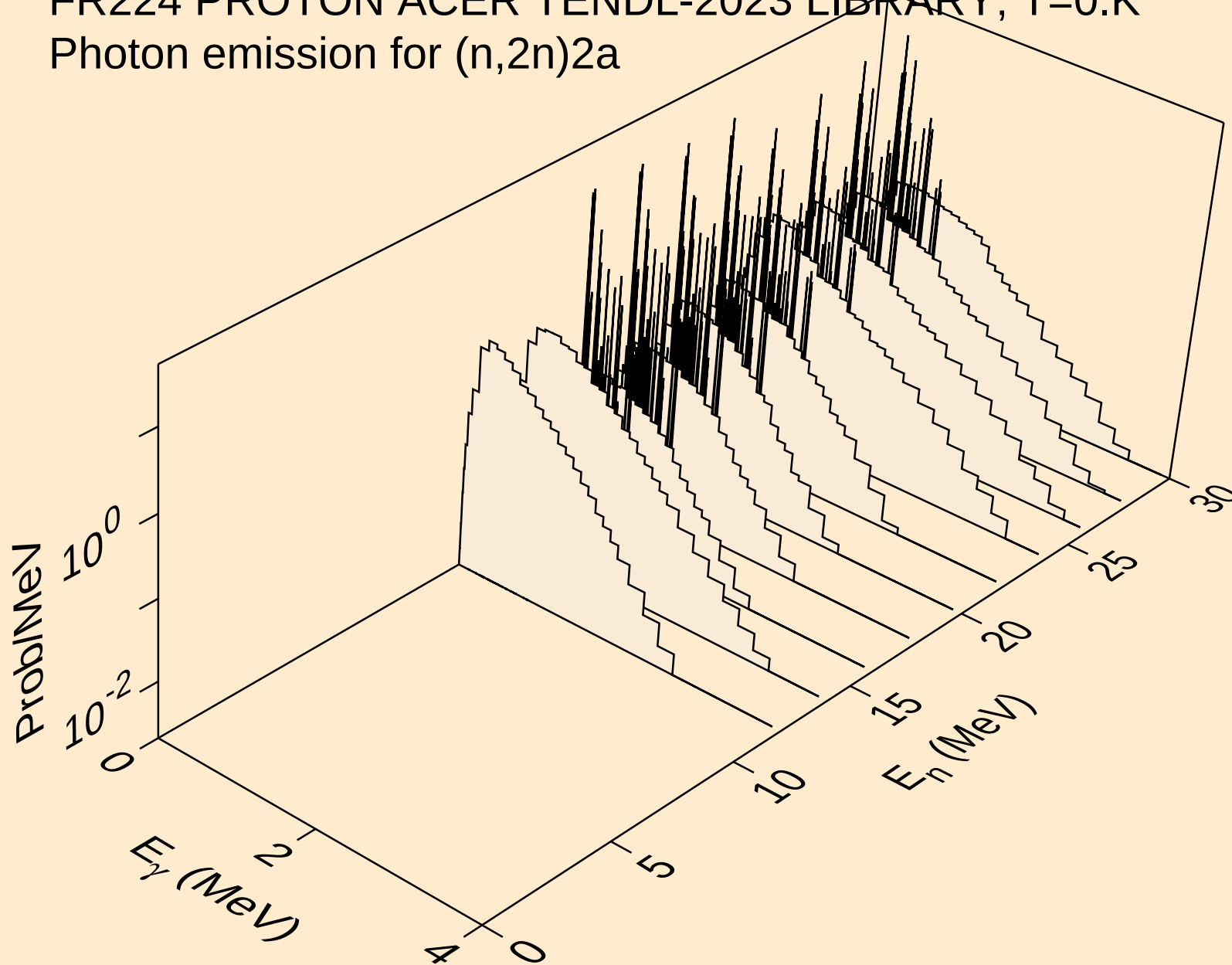


FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)_{2a}$



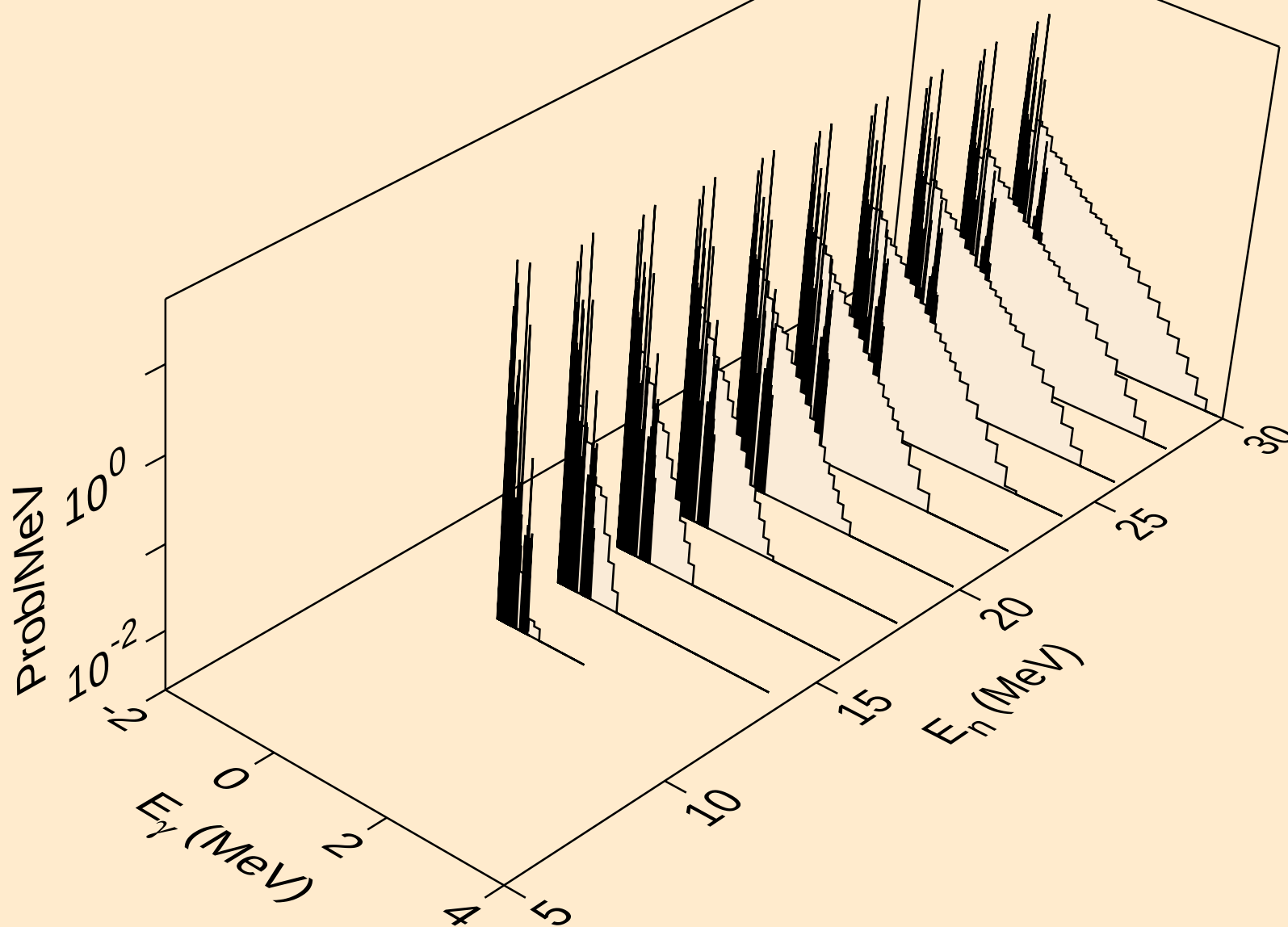
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n)2a



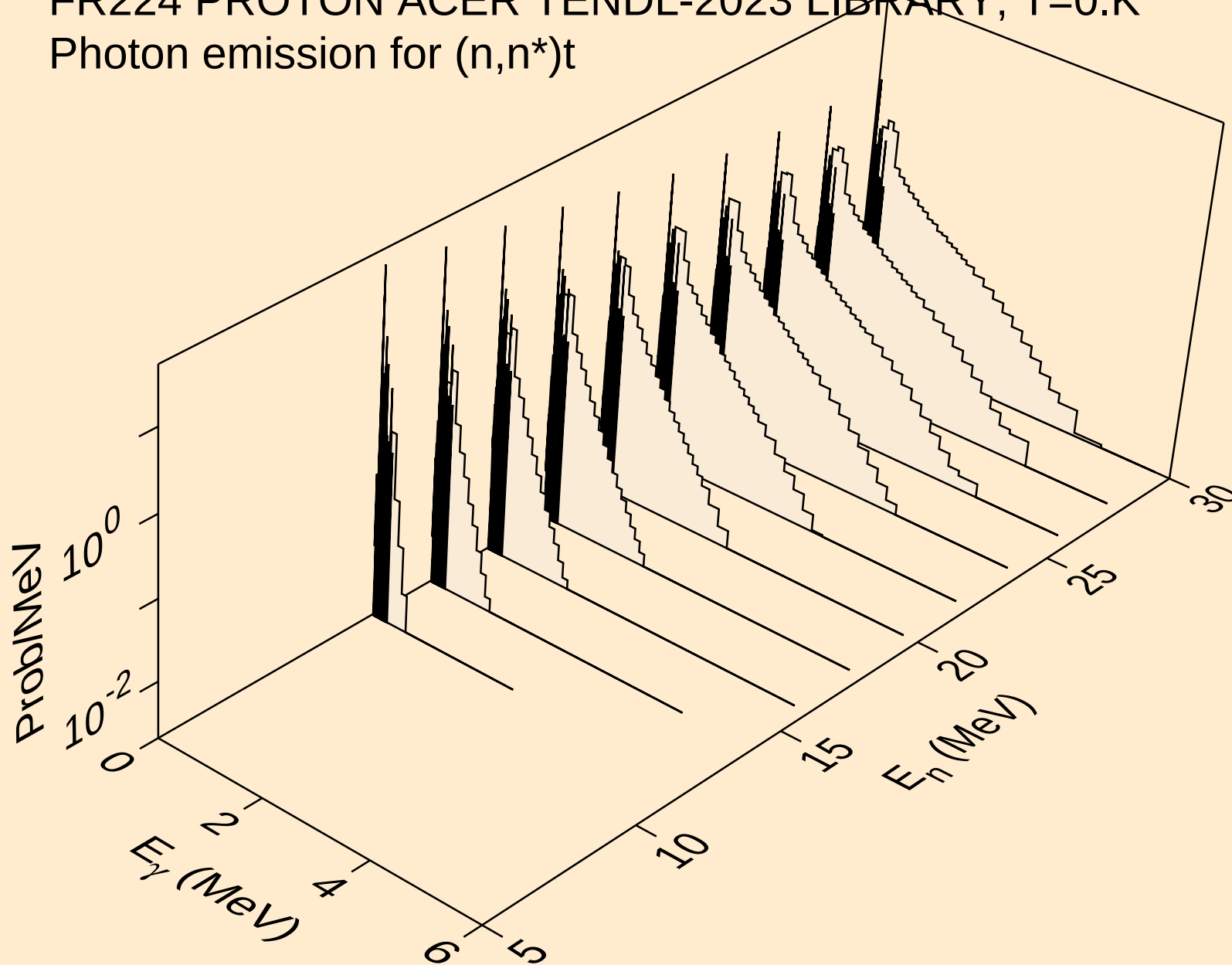
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

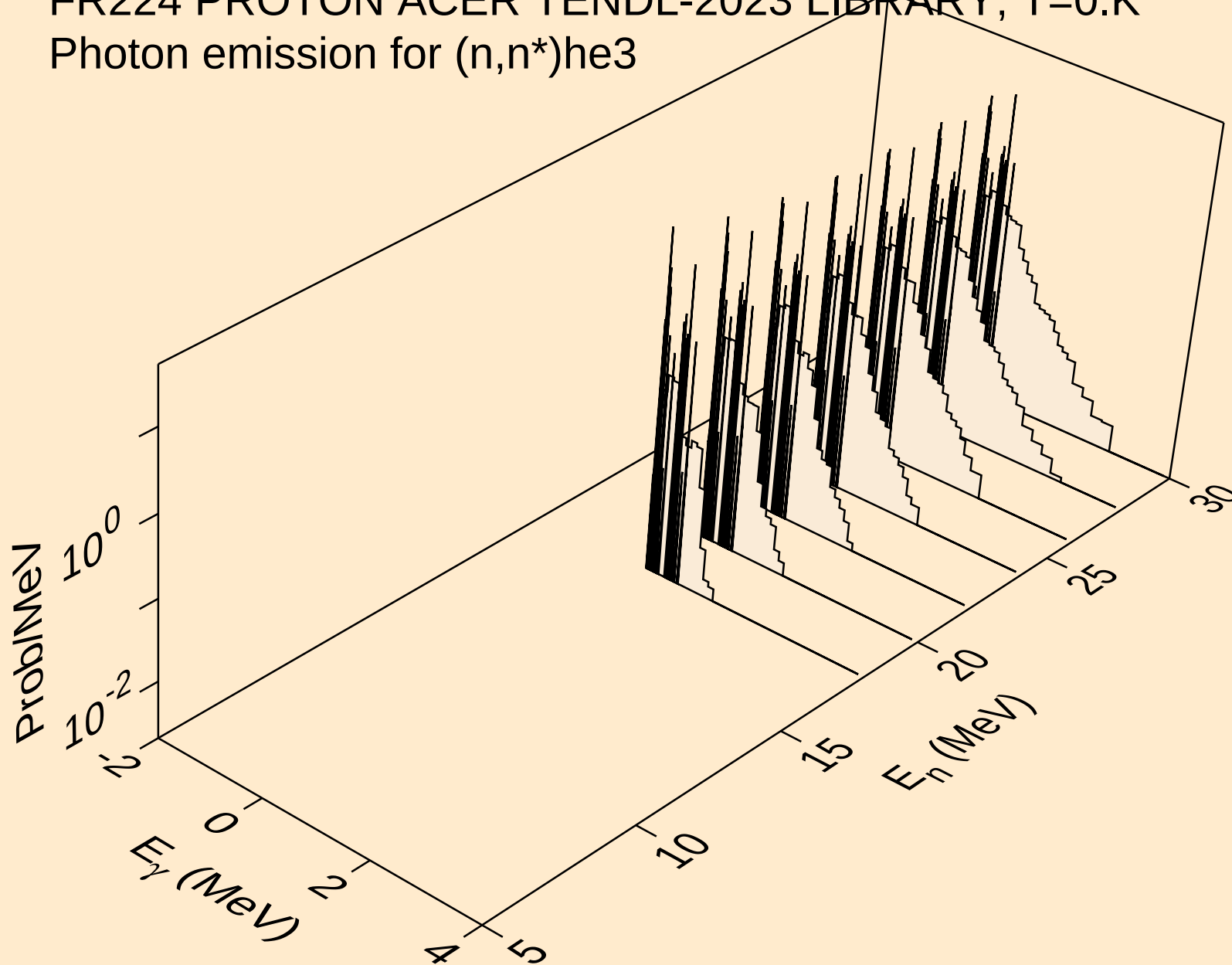


FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

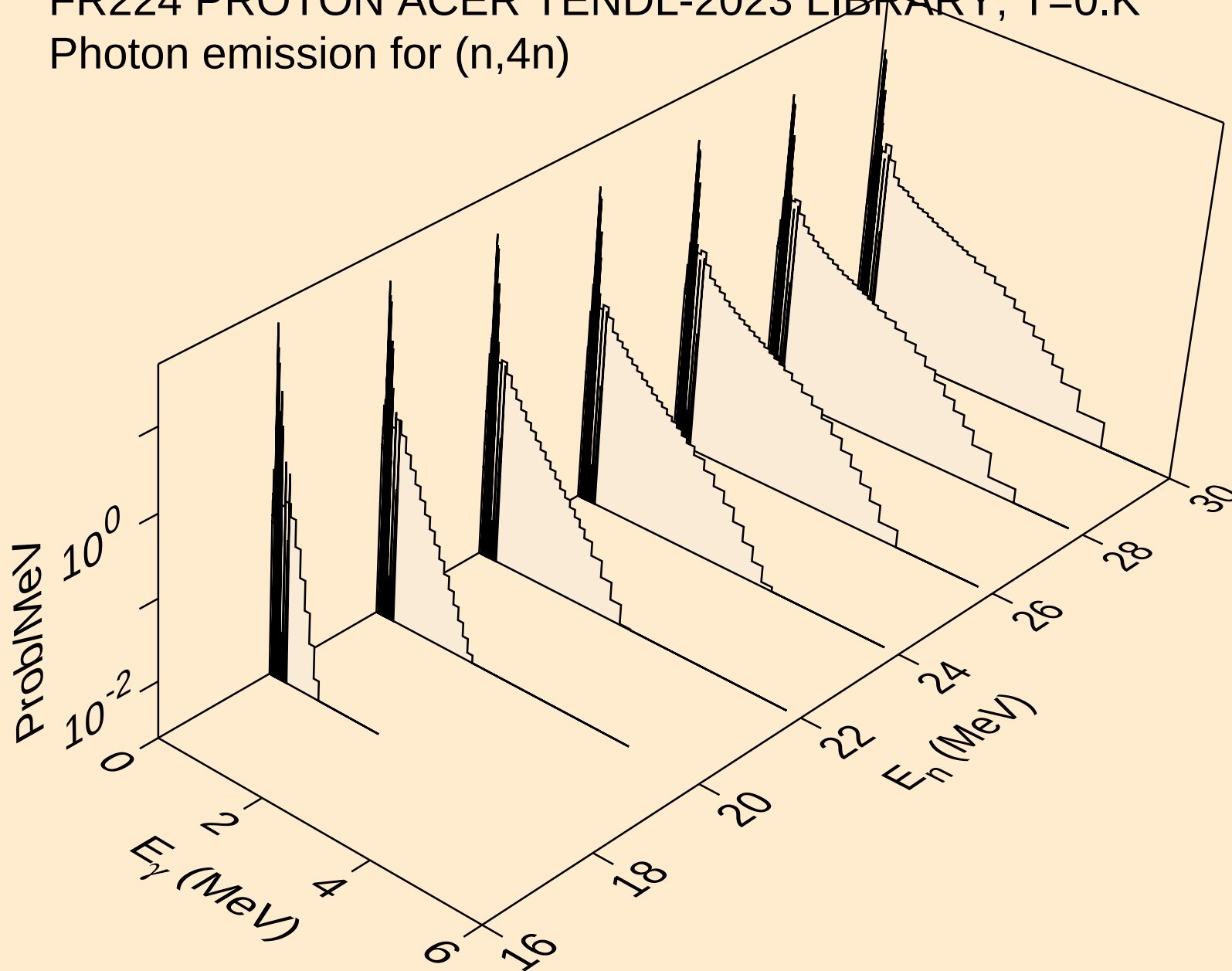
Photon emission for $(n,n^*)t$



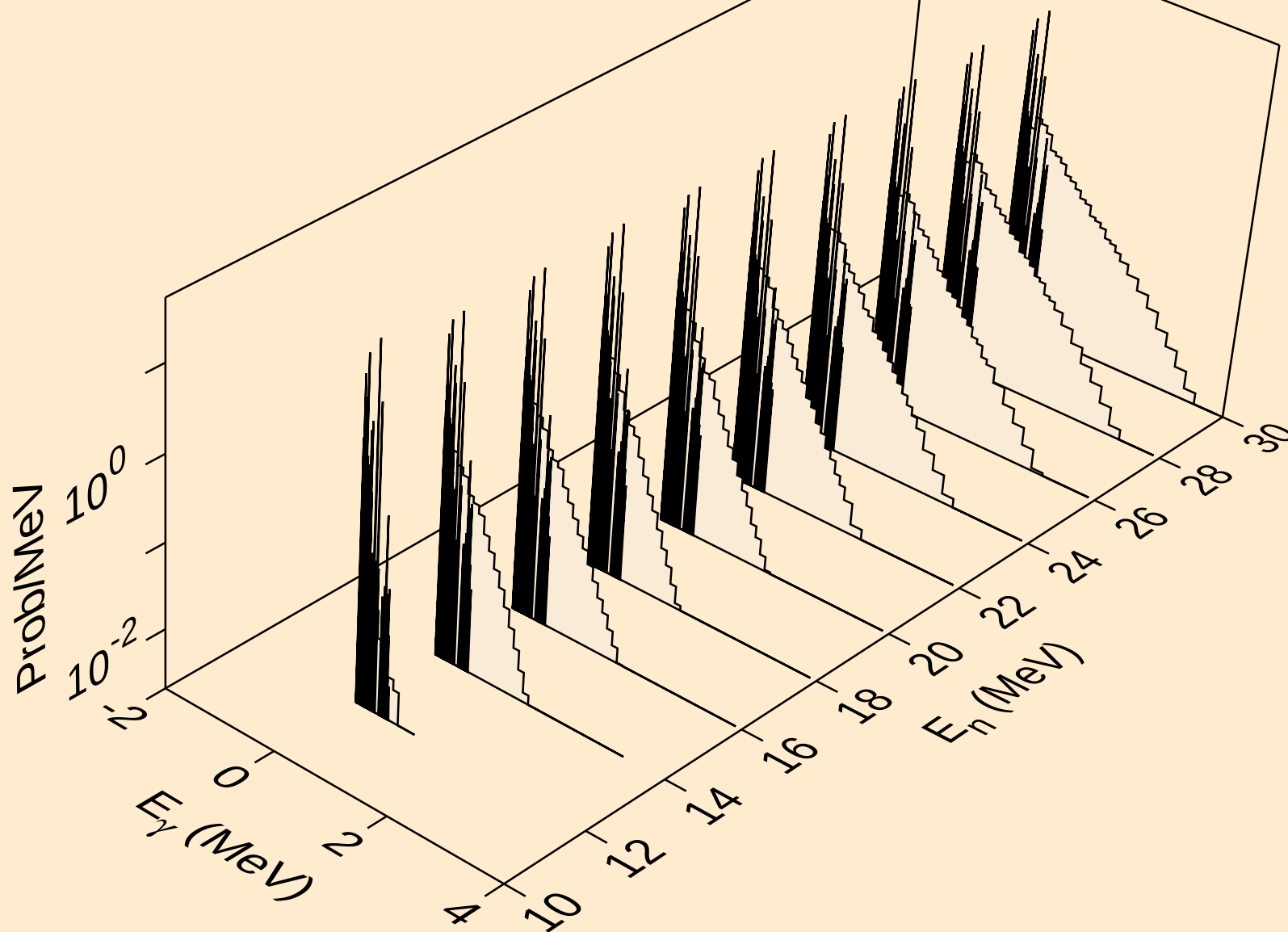
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



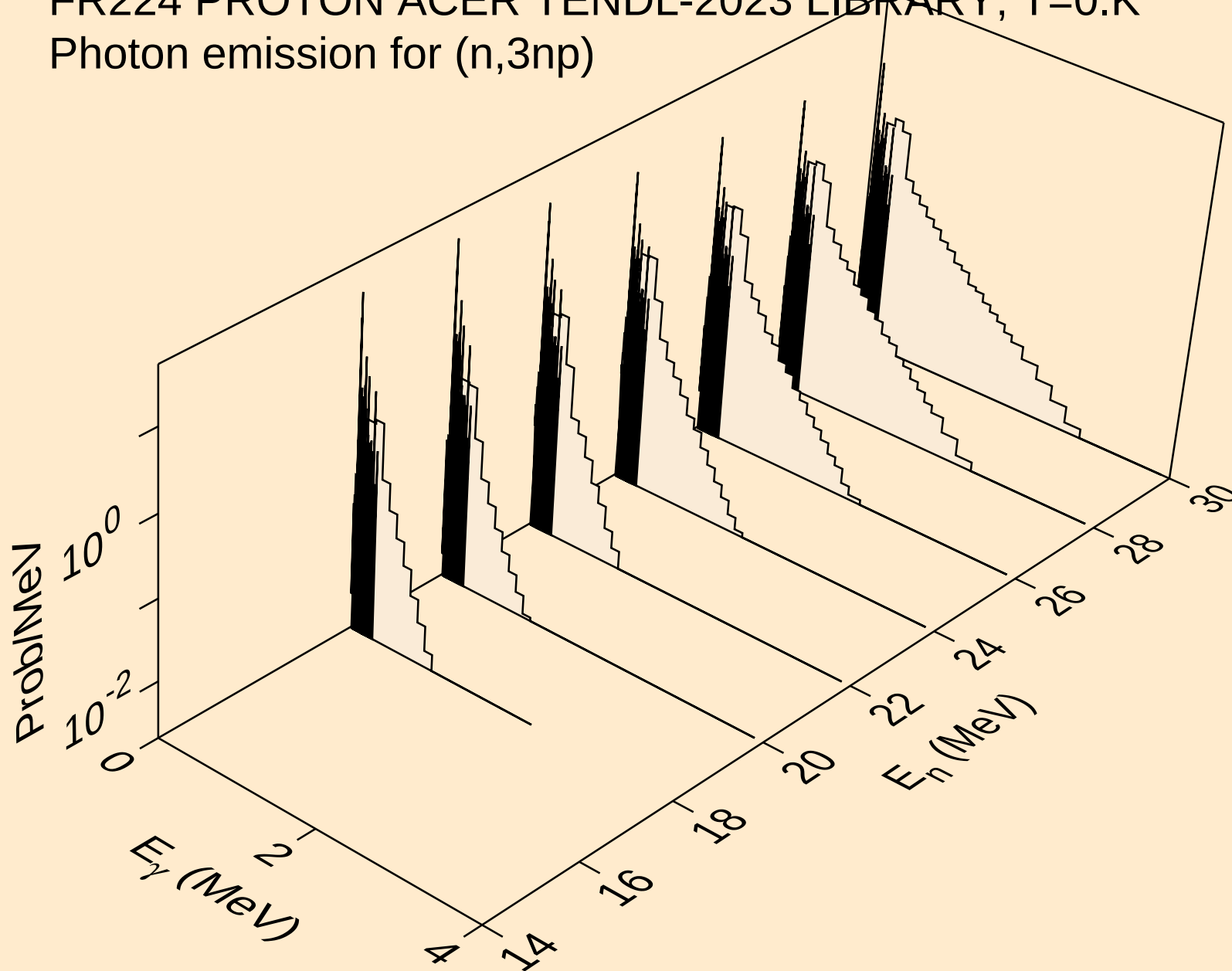
FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,4n)



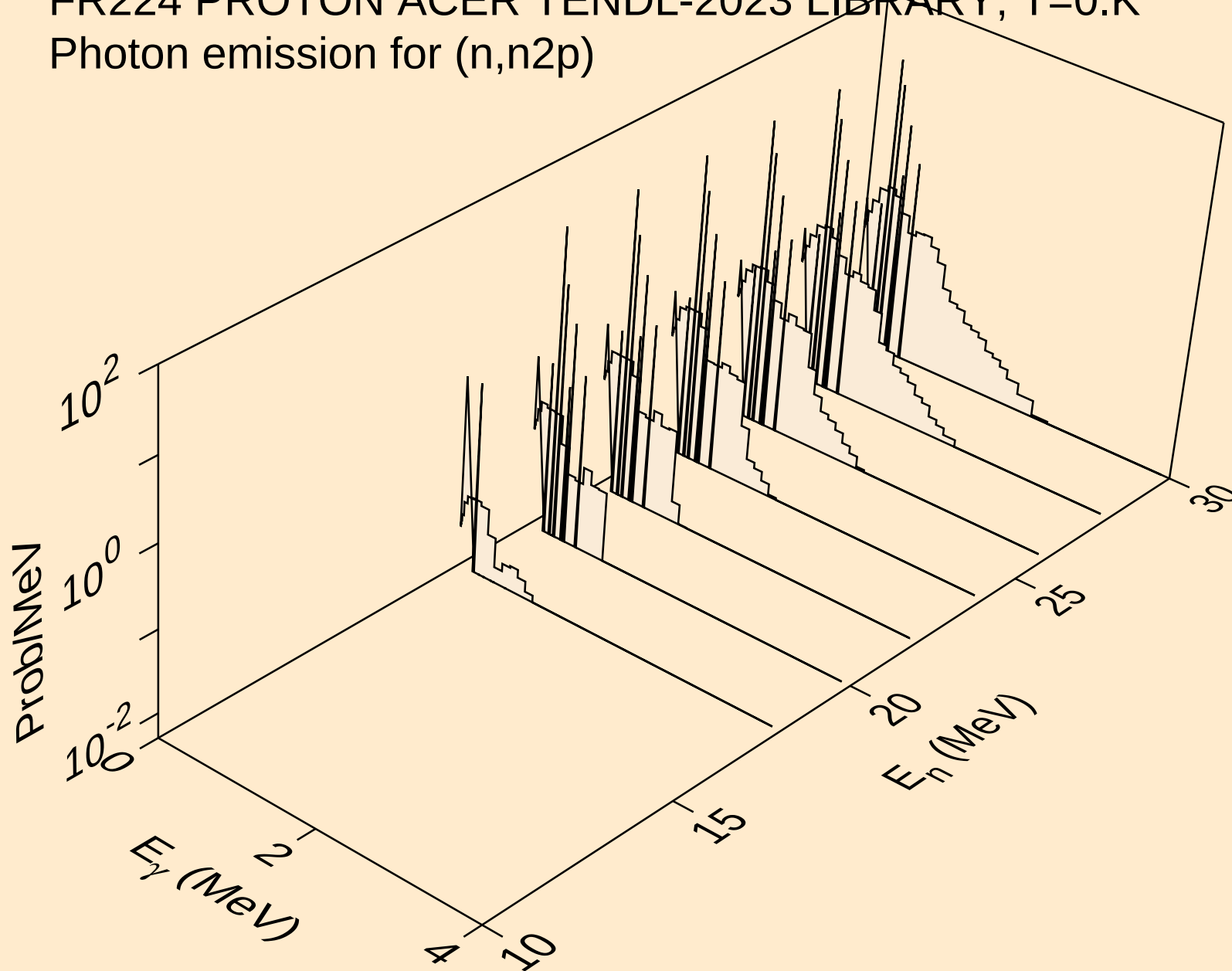
FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2np)



FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3np)

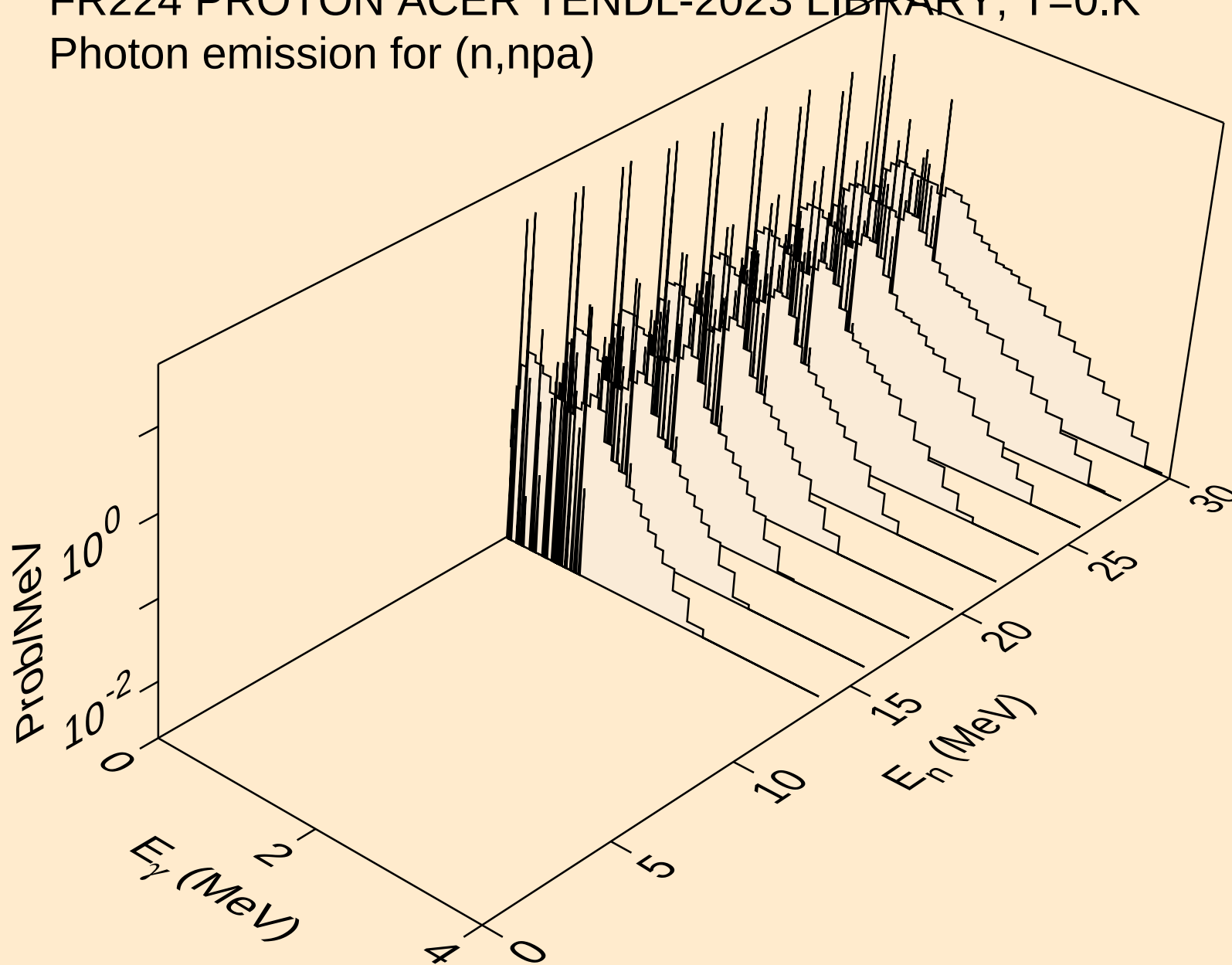


FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n2p)

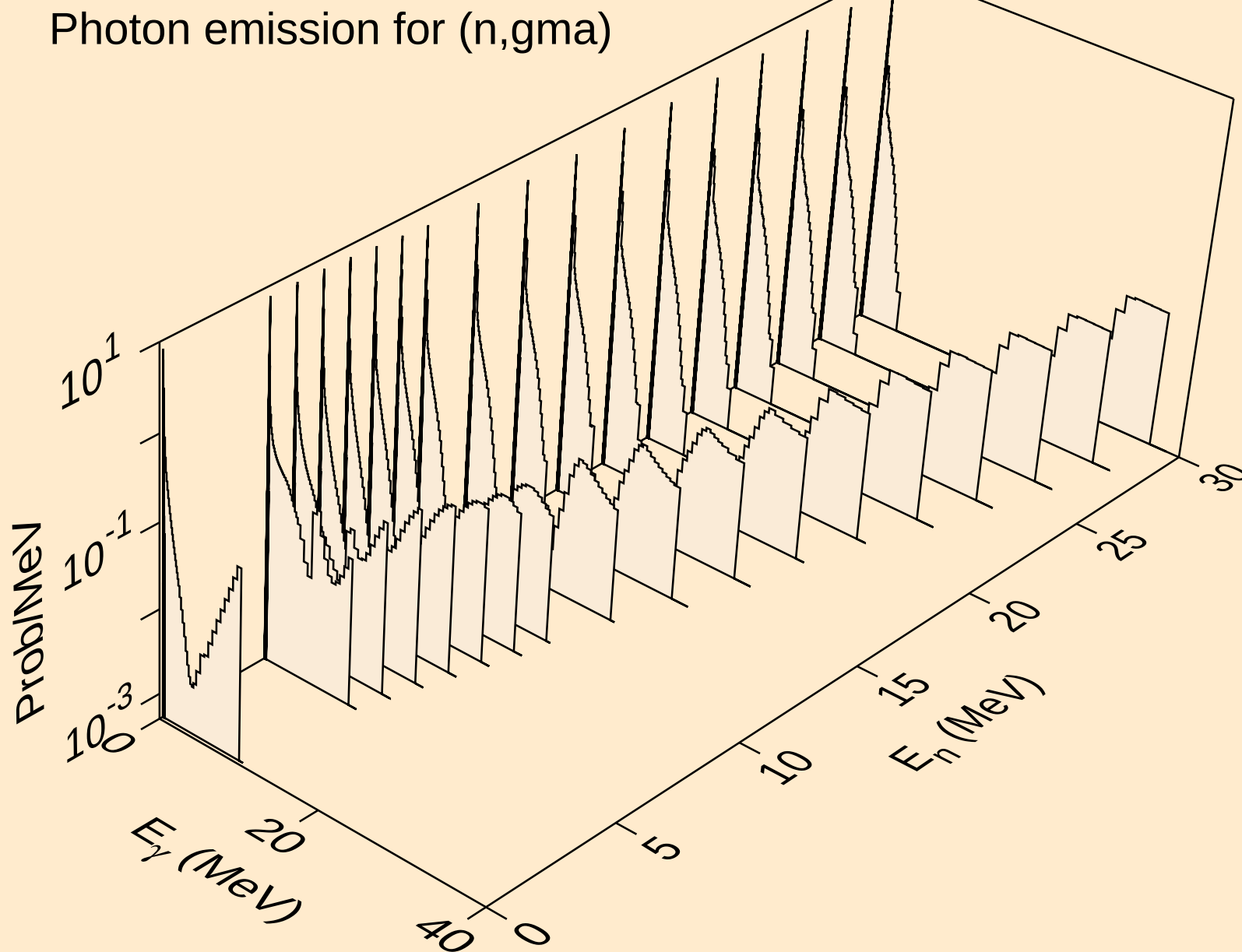


FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

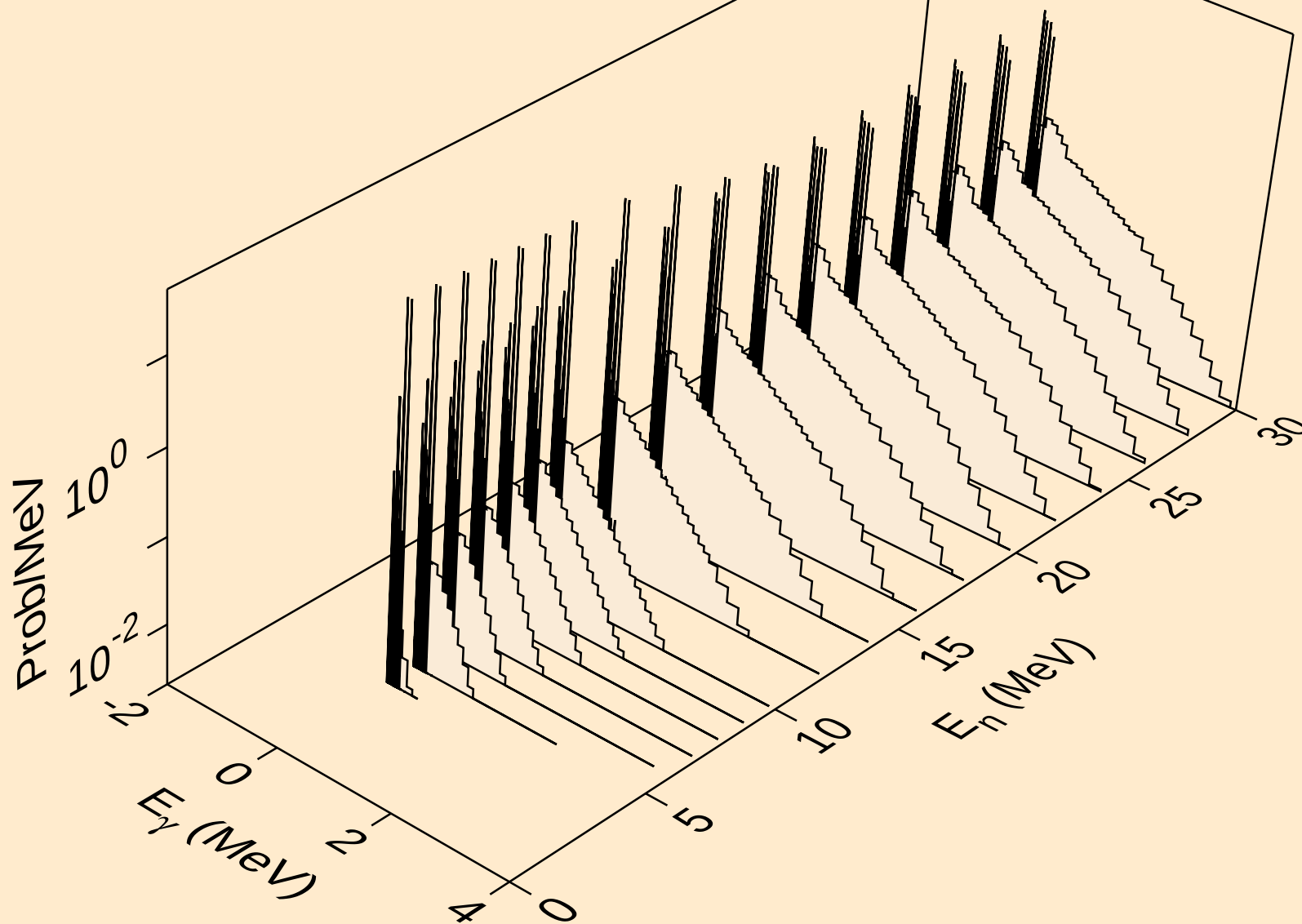
Photon emission for (n,npa)



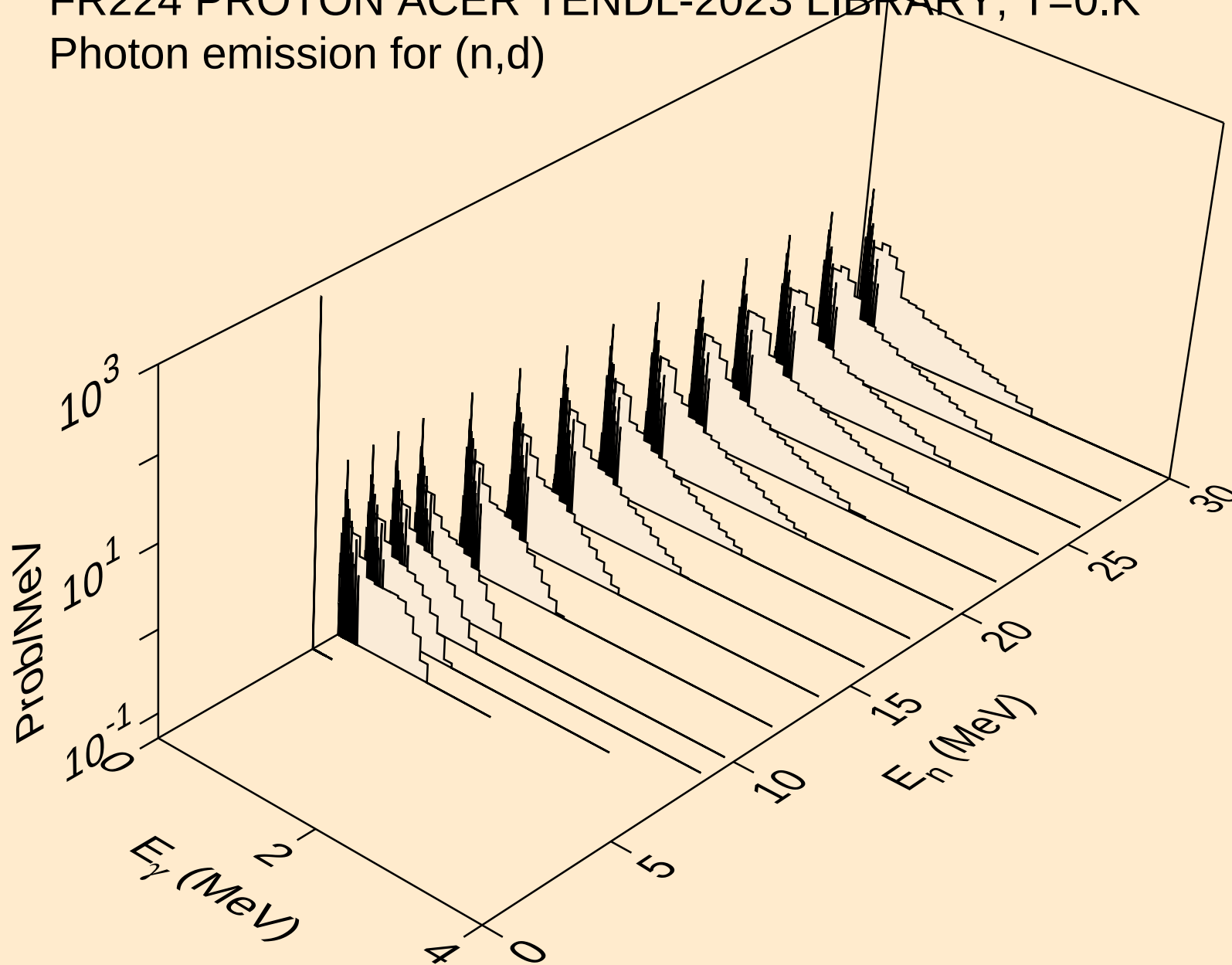
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



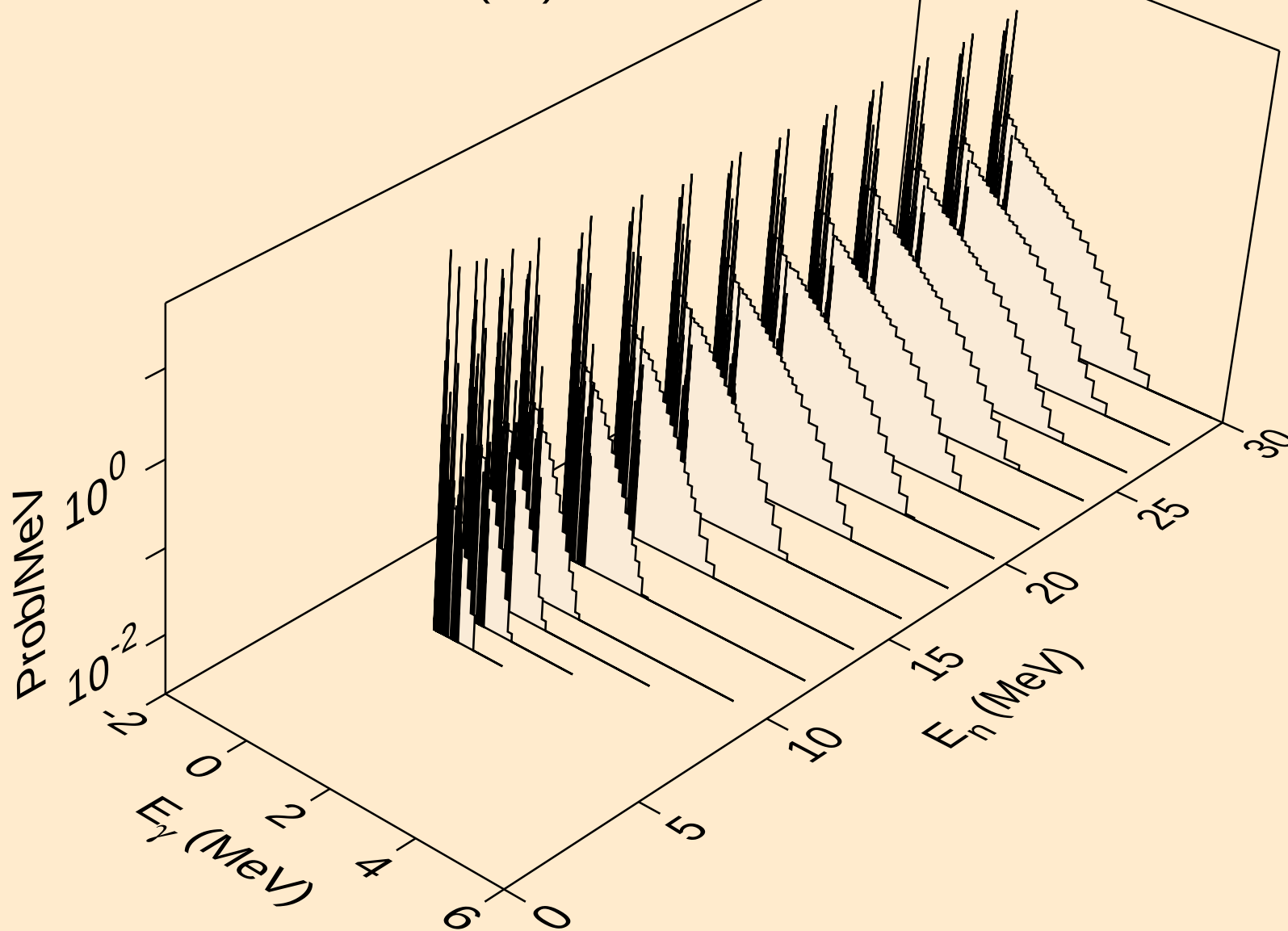
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



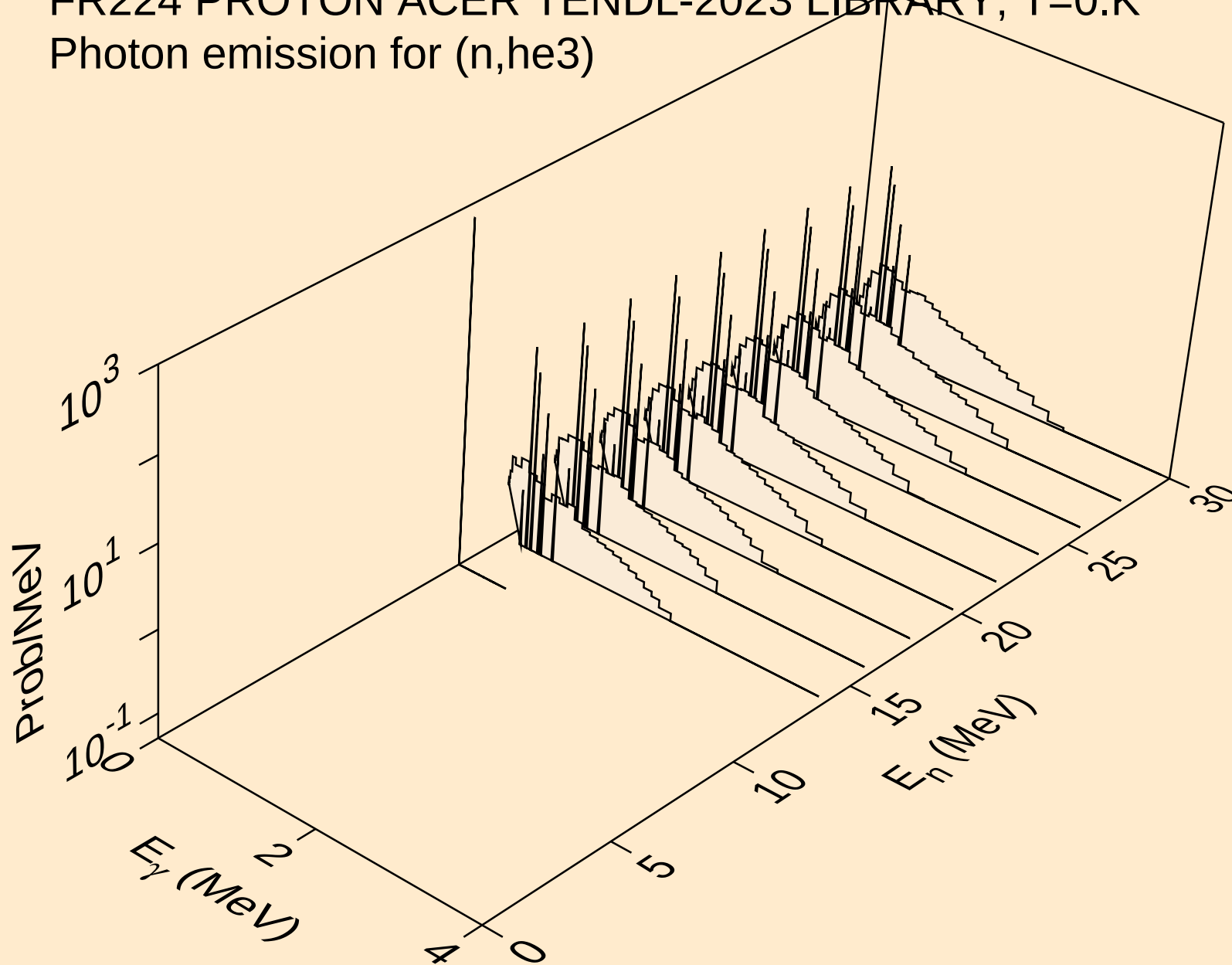
FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,d)



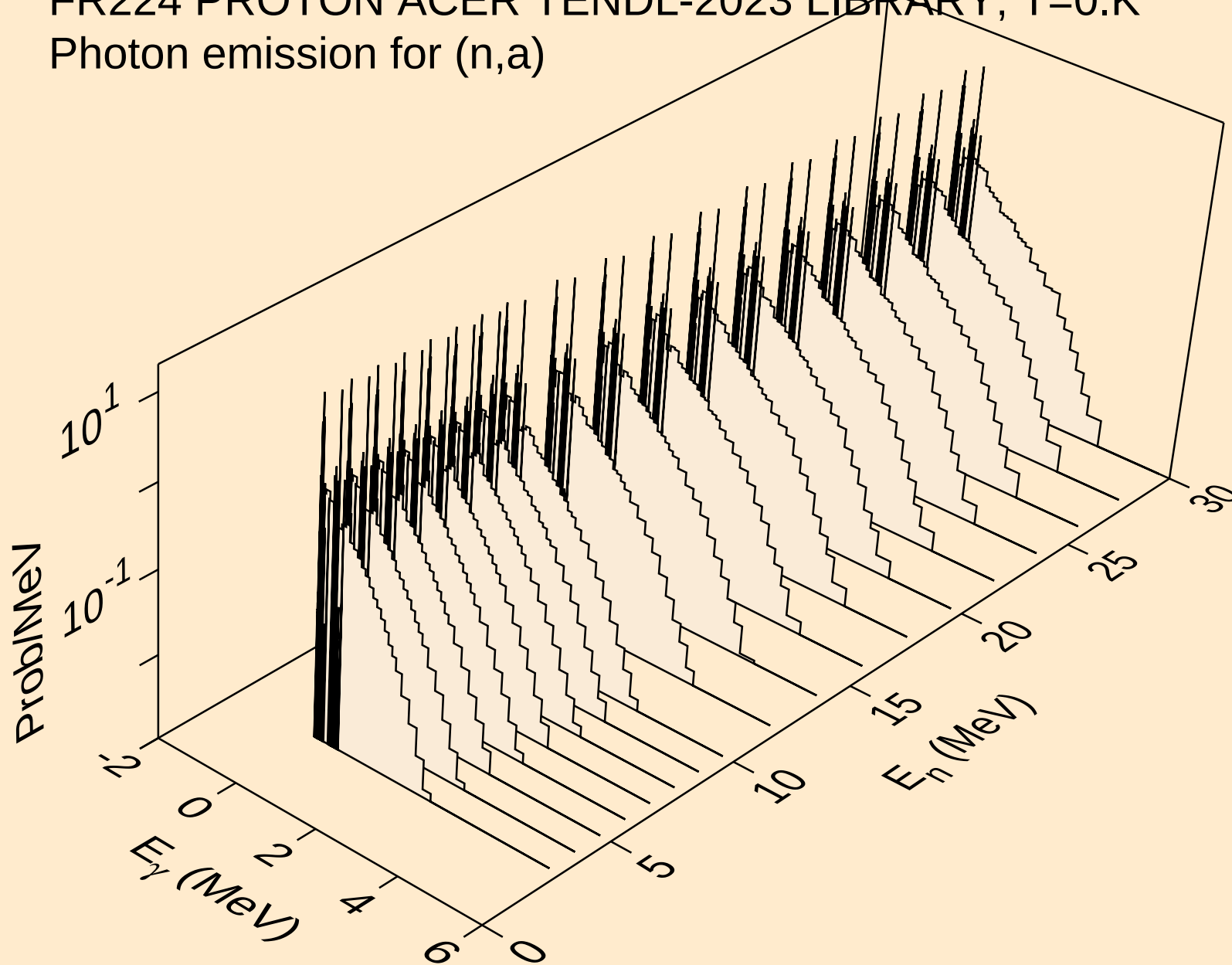
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



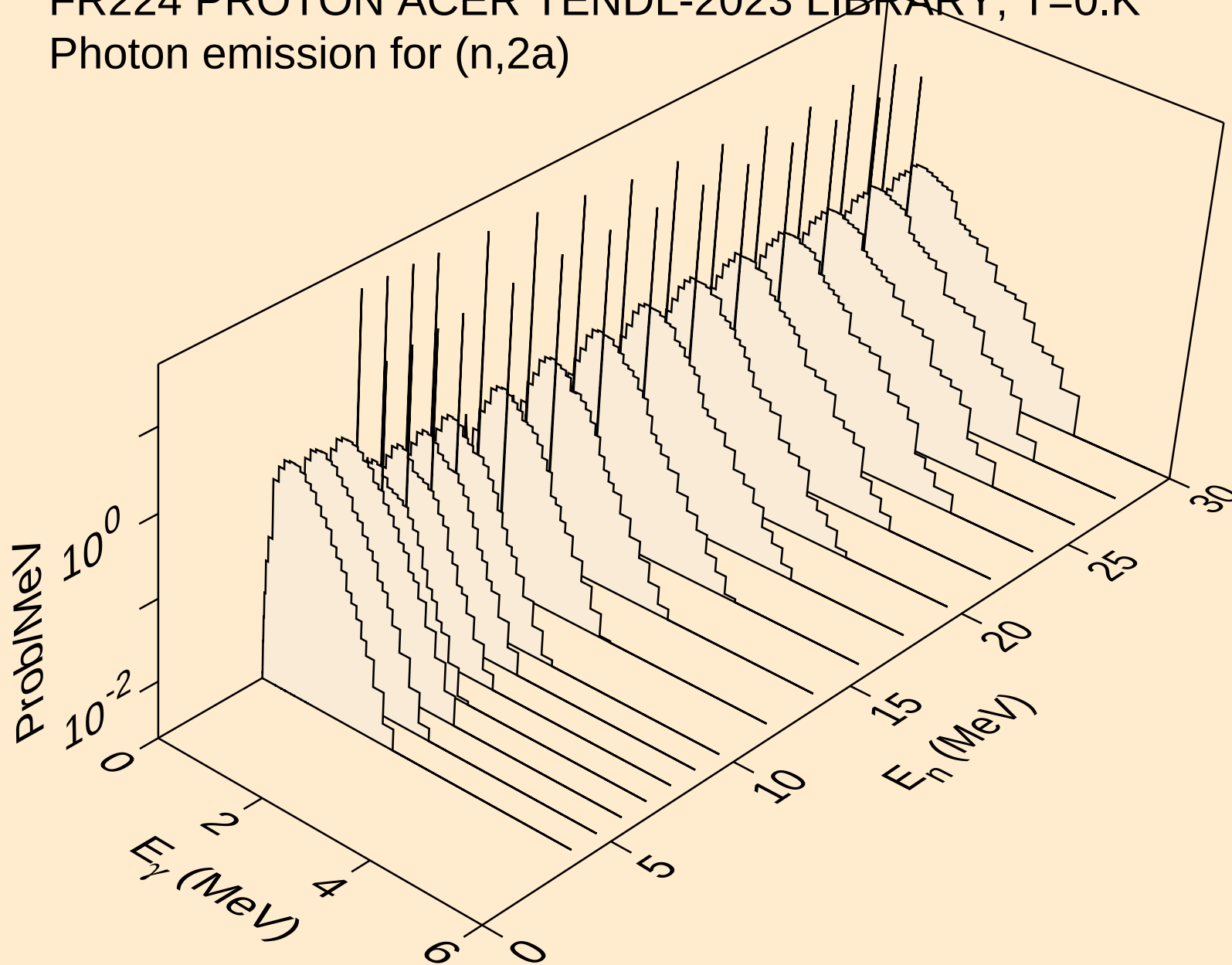
FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,he3)



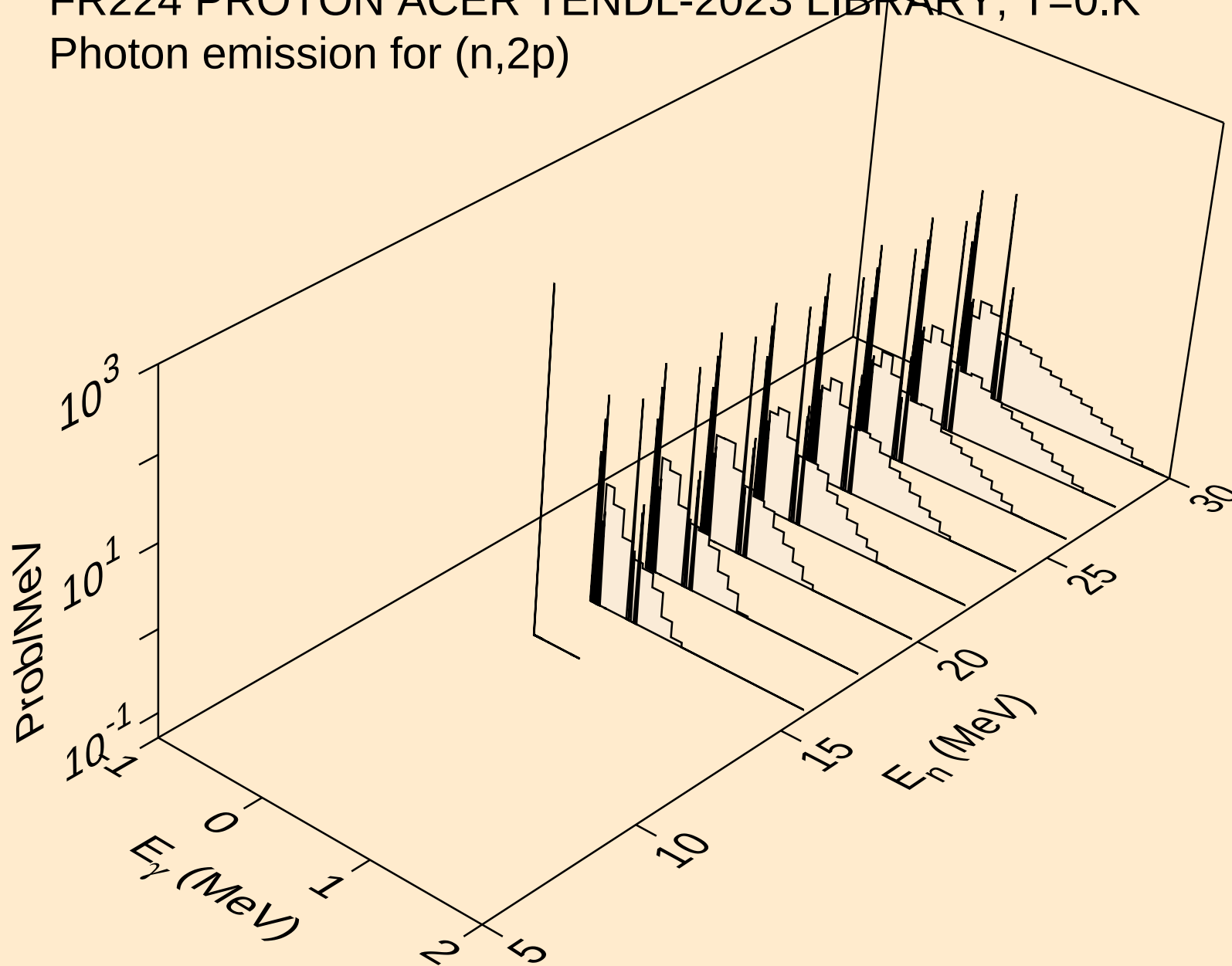
FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,a)



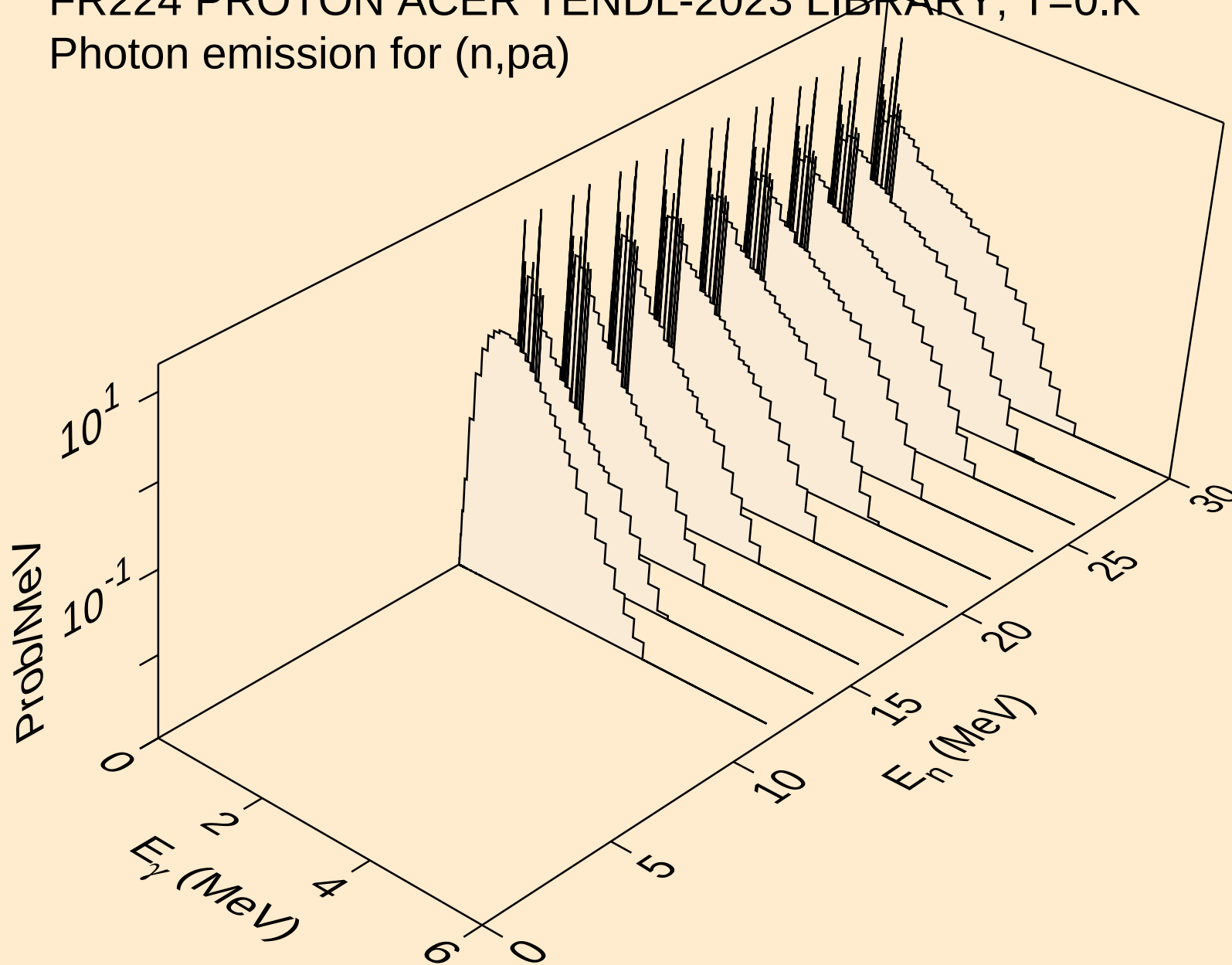
FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2a)



FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2p)

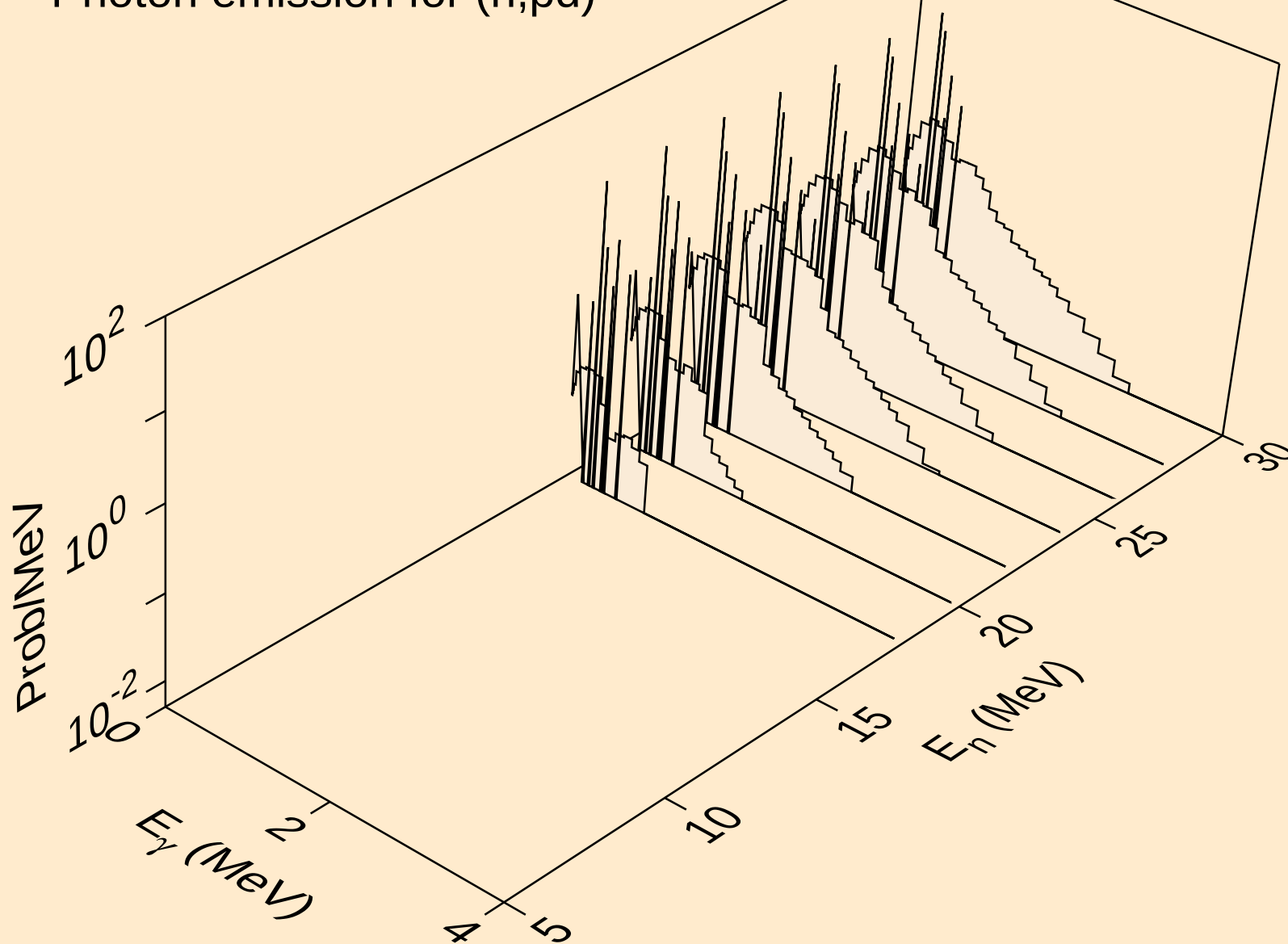


FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p α)

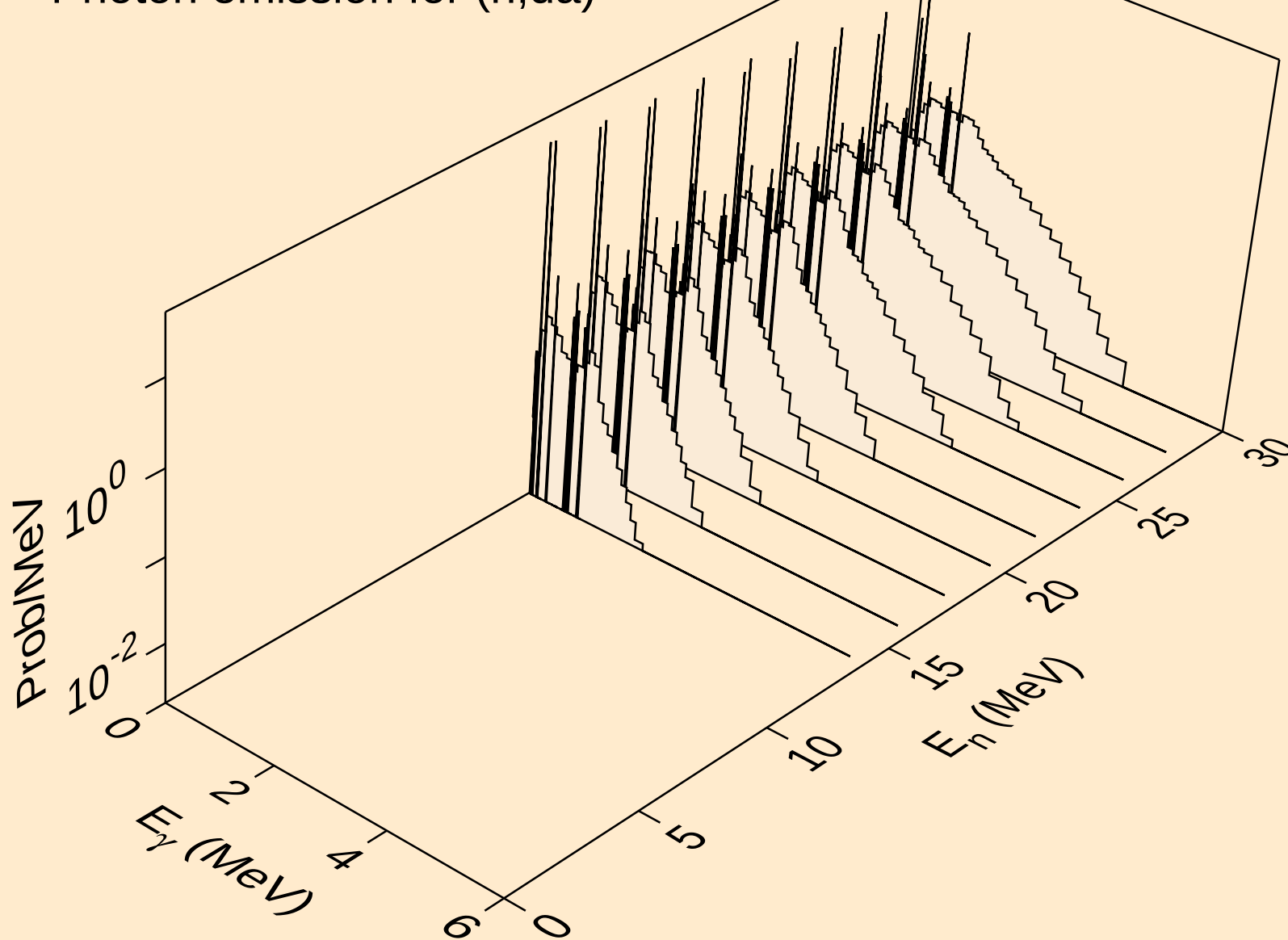


FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for (n,pd)

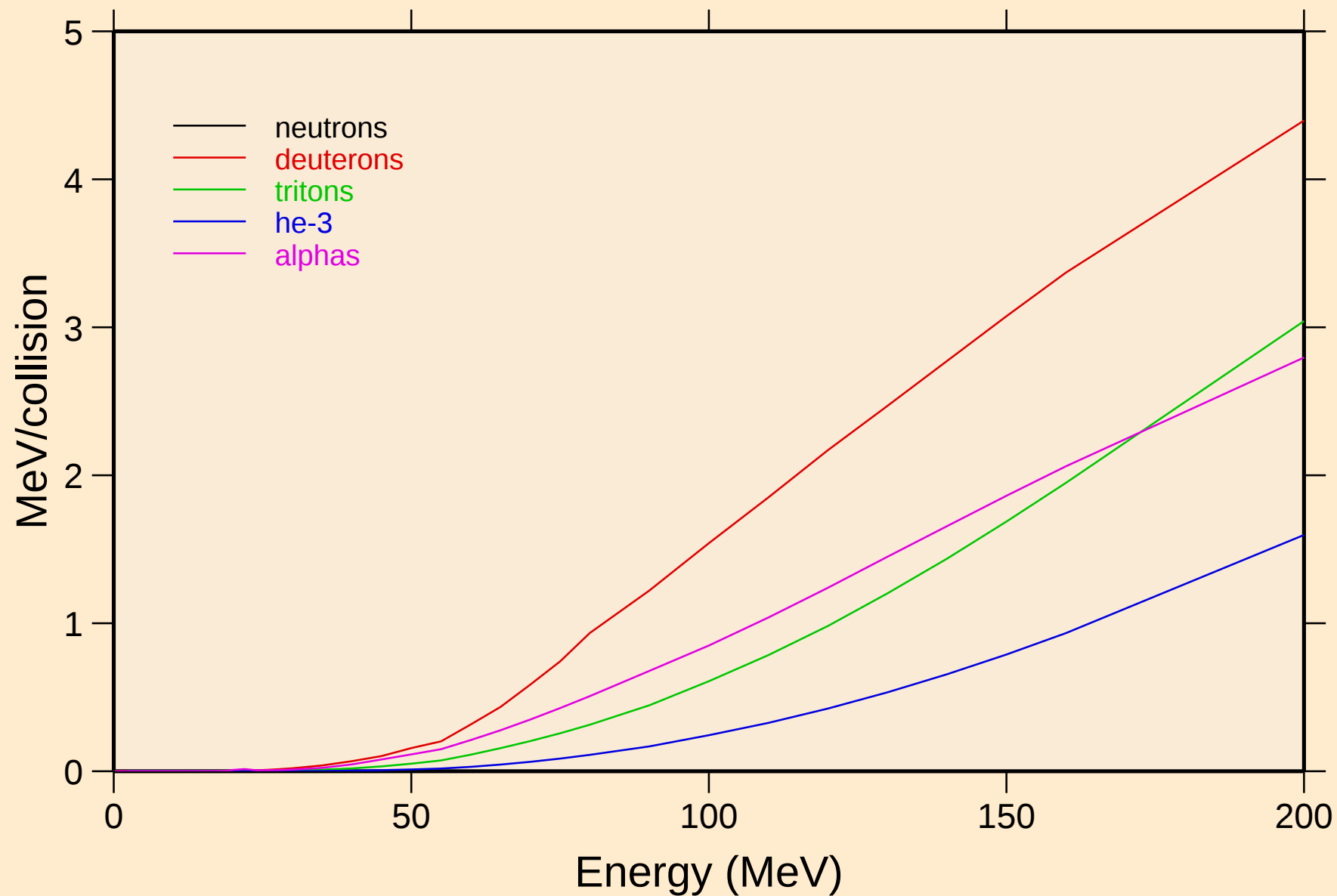


FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,da)



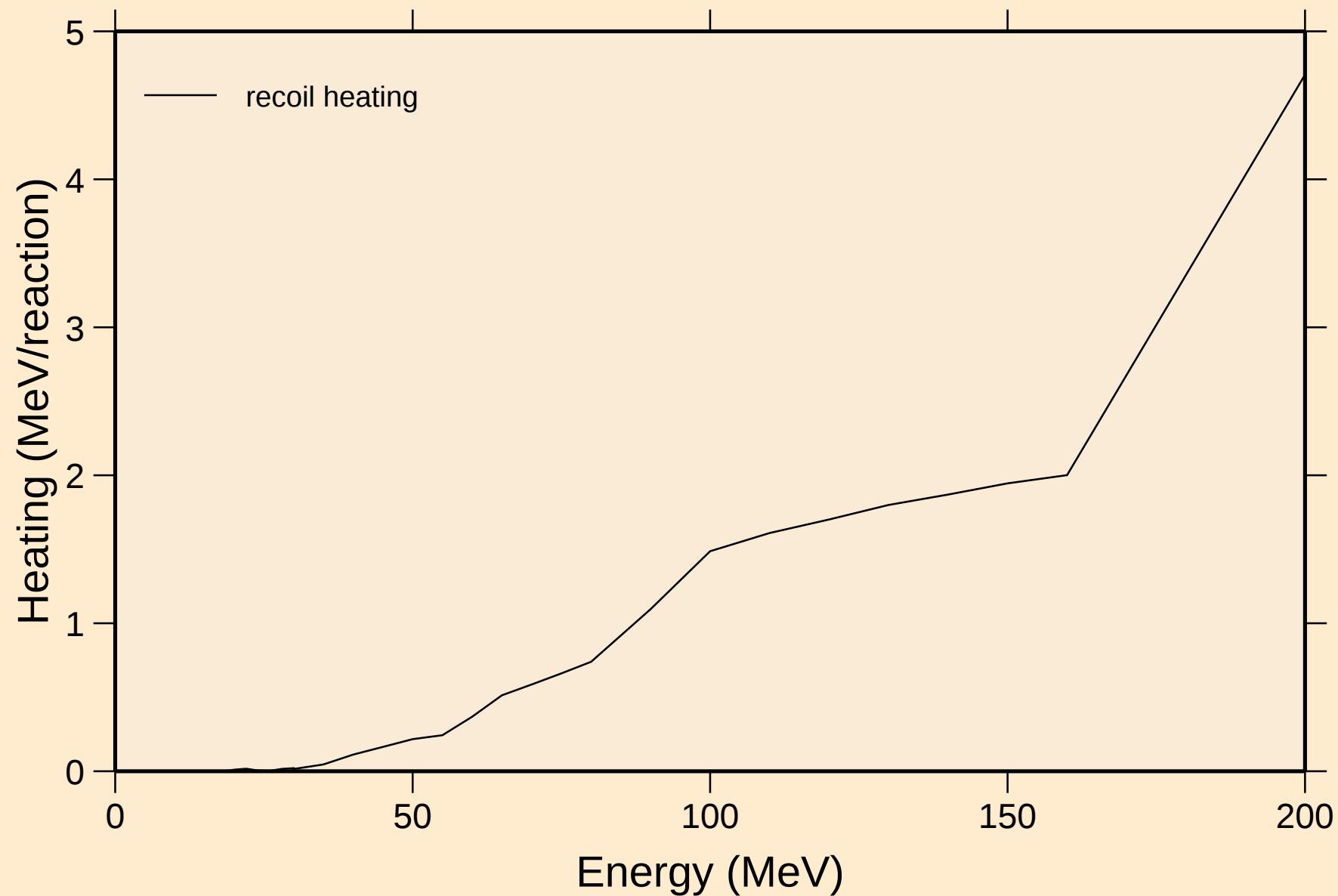
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



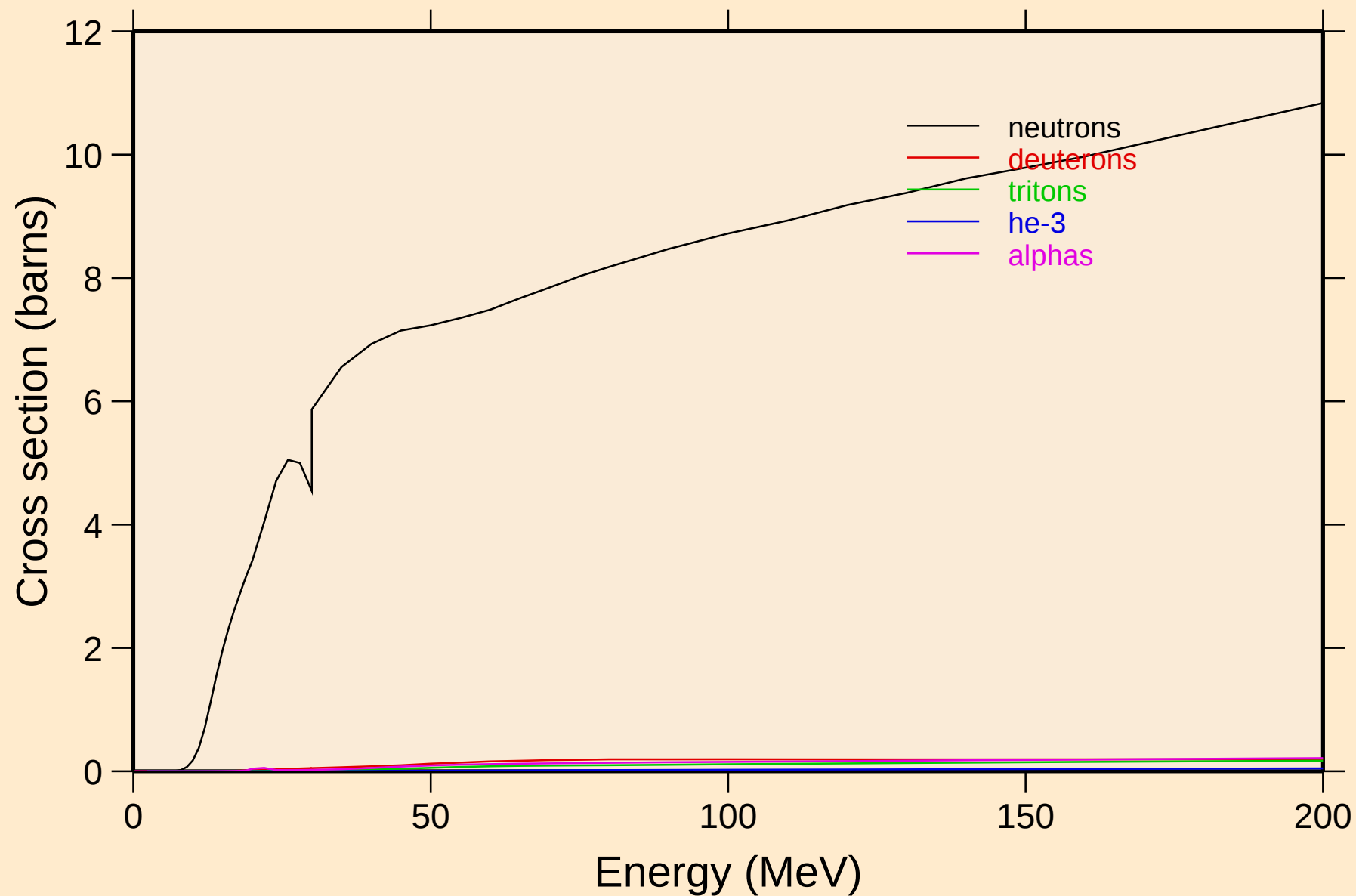
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

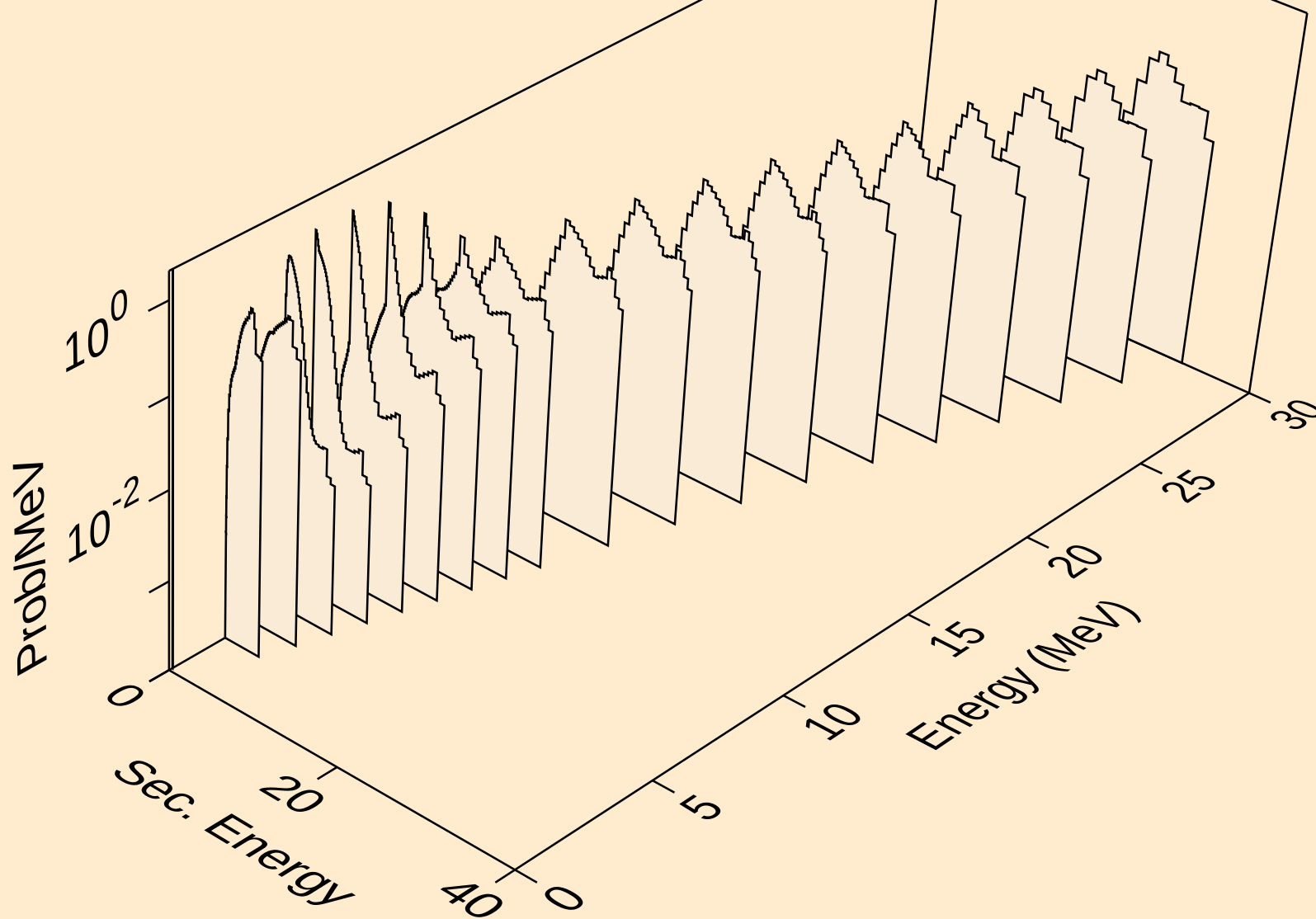


FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

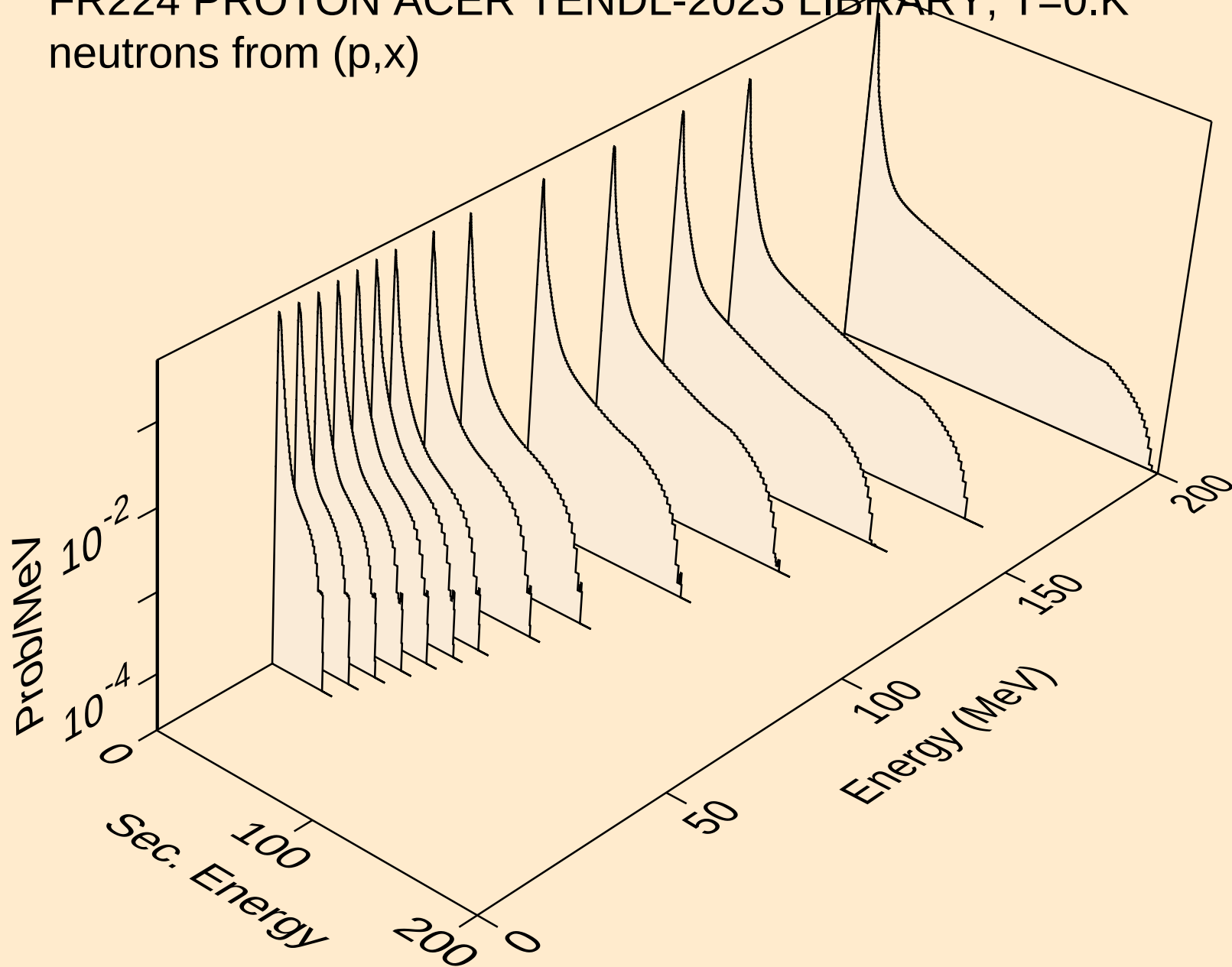
Particle production cross sections



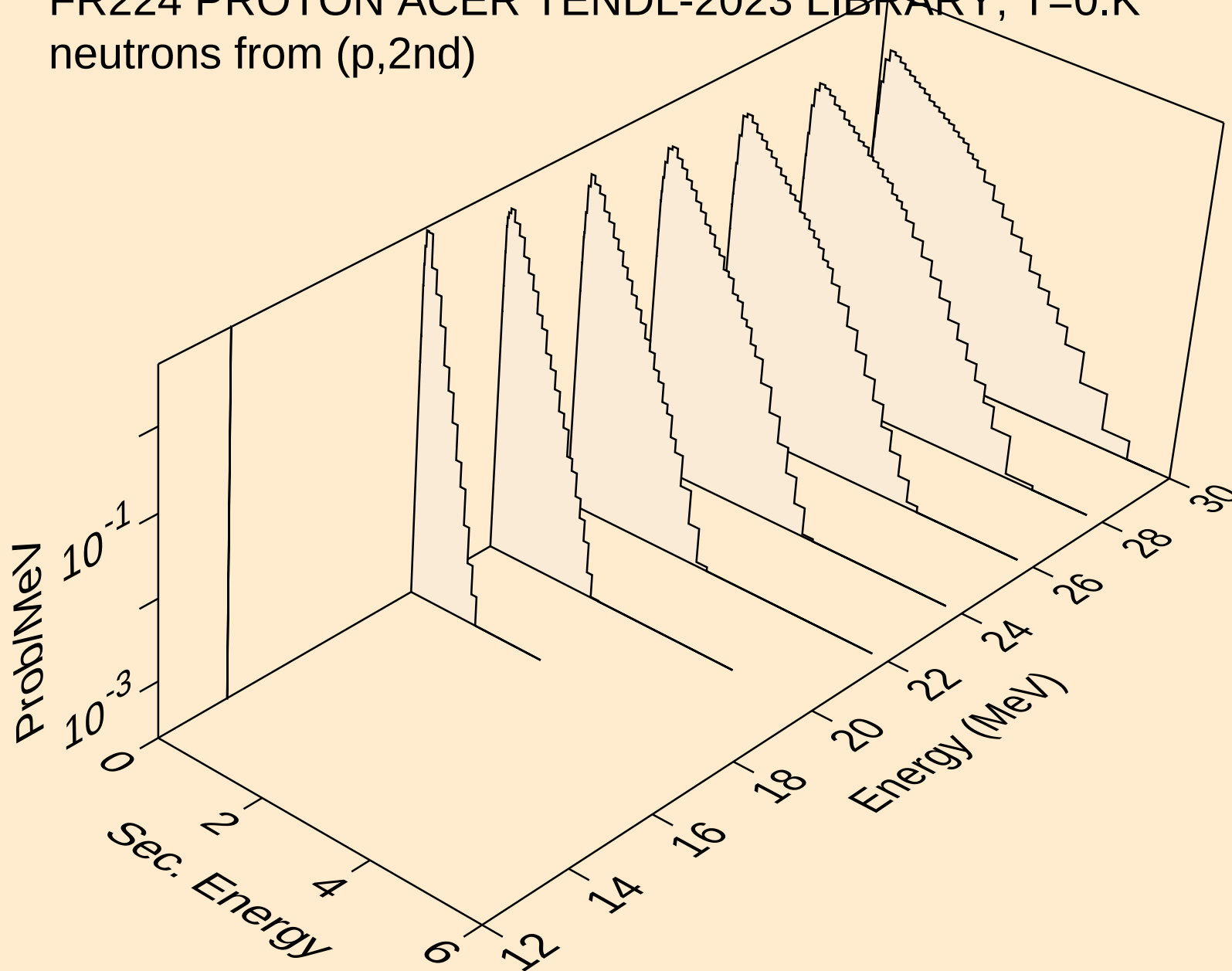
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



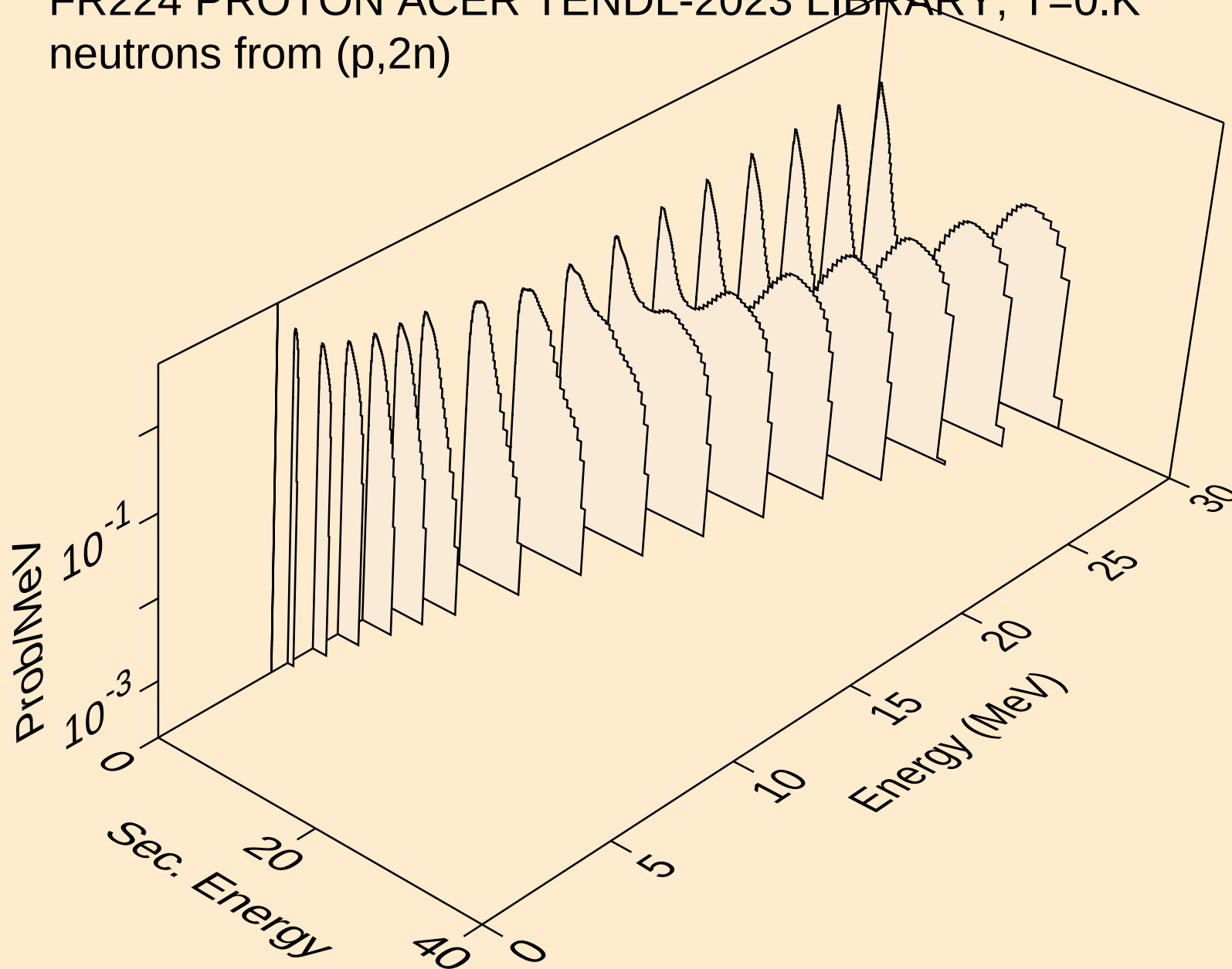
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



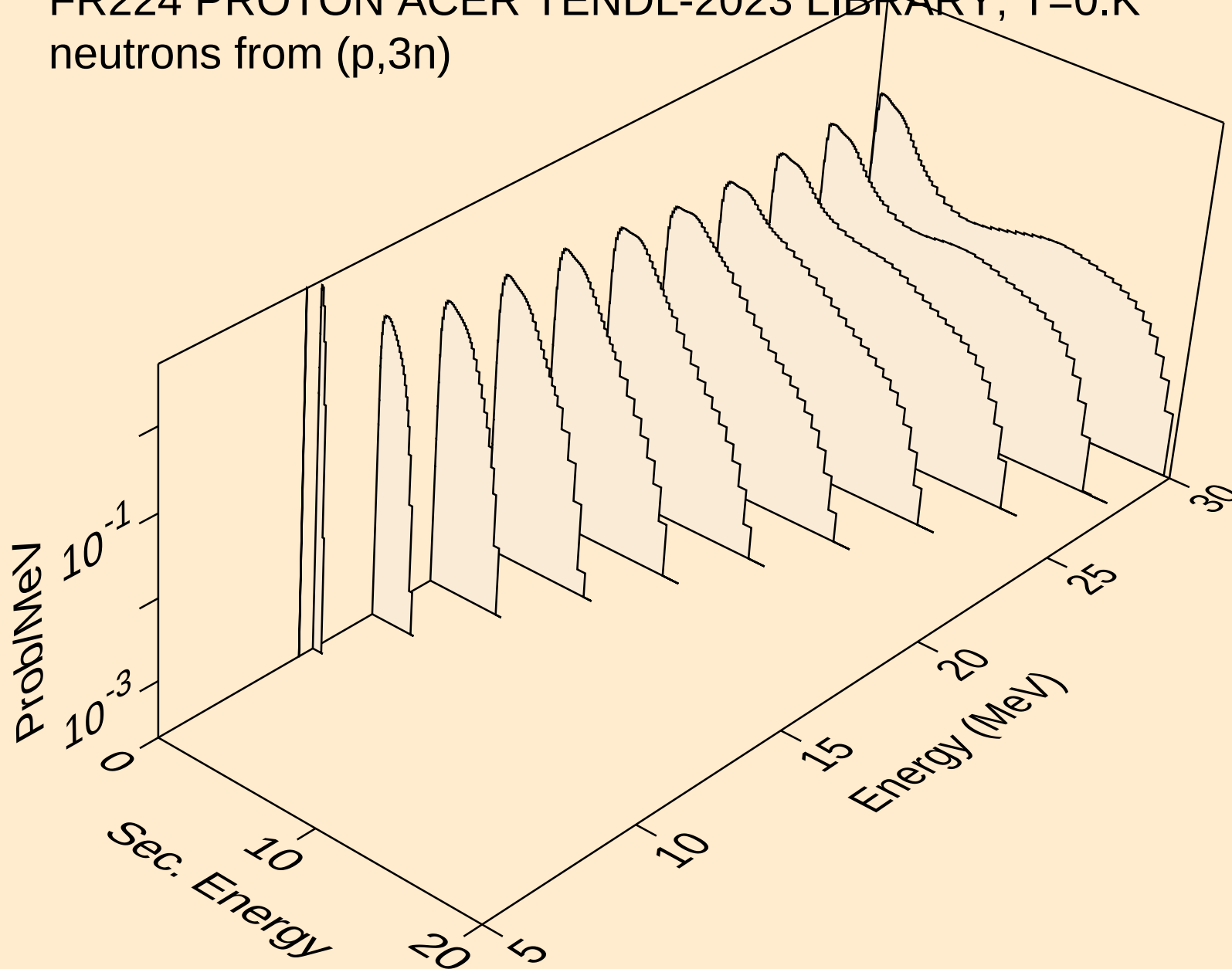
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2nd)



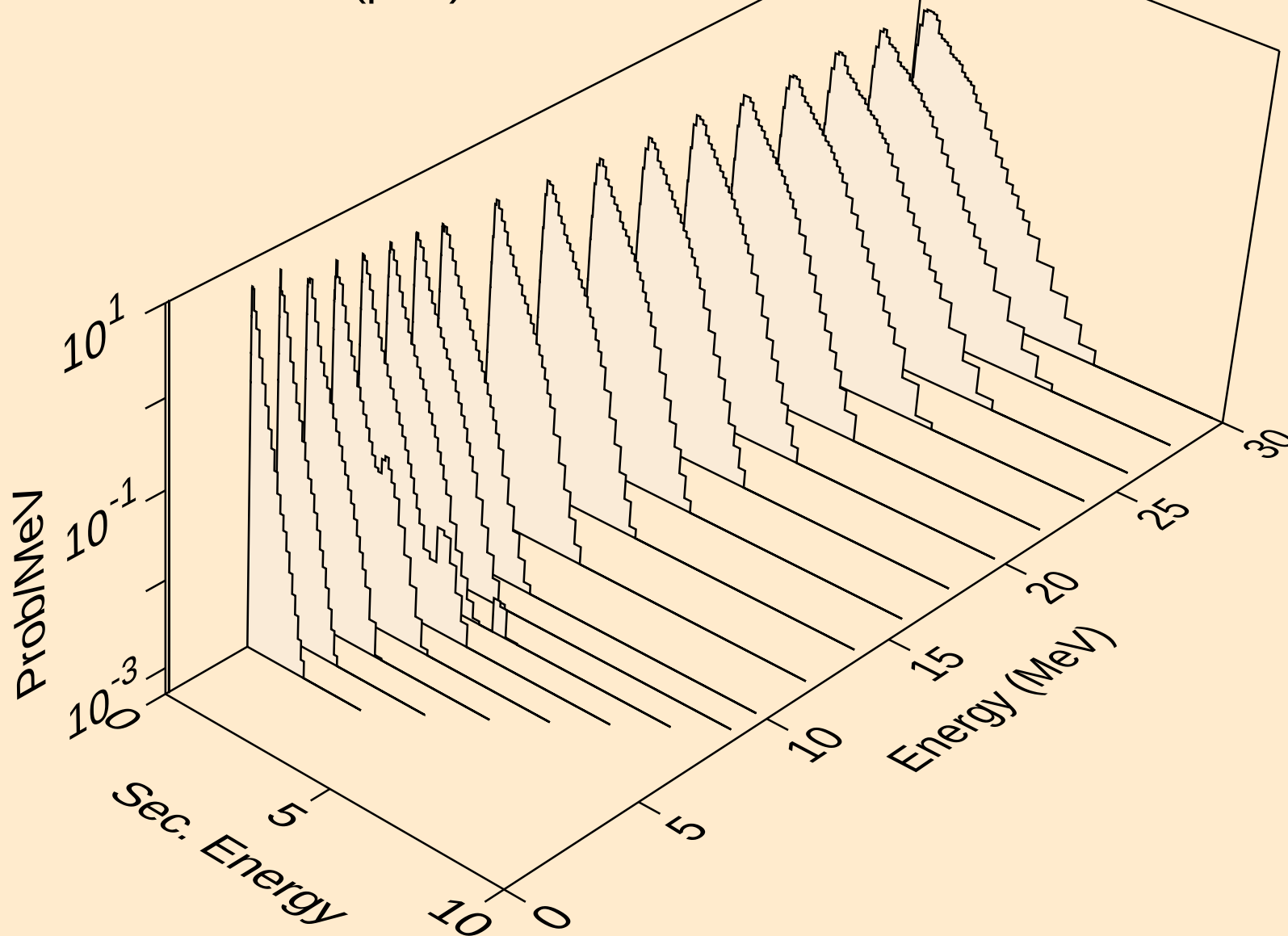
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



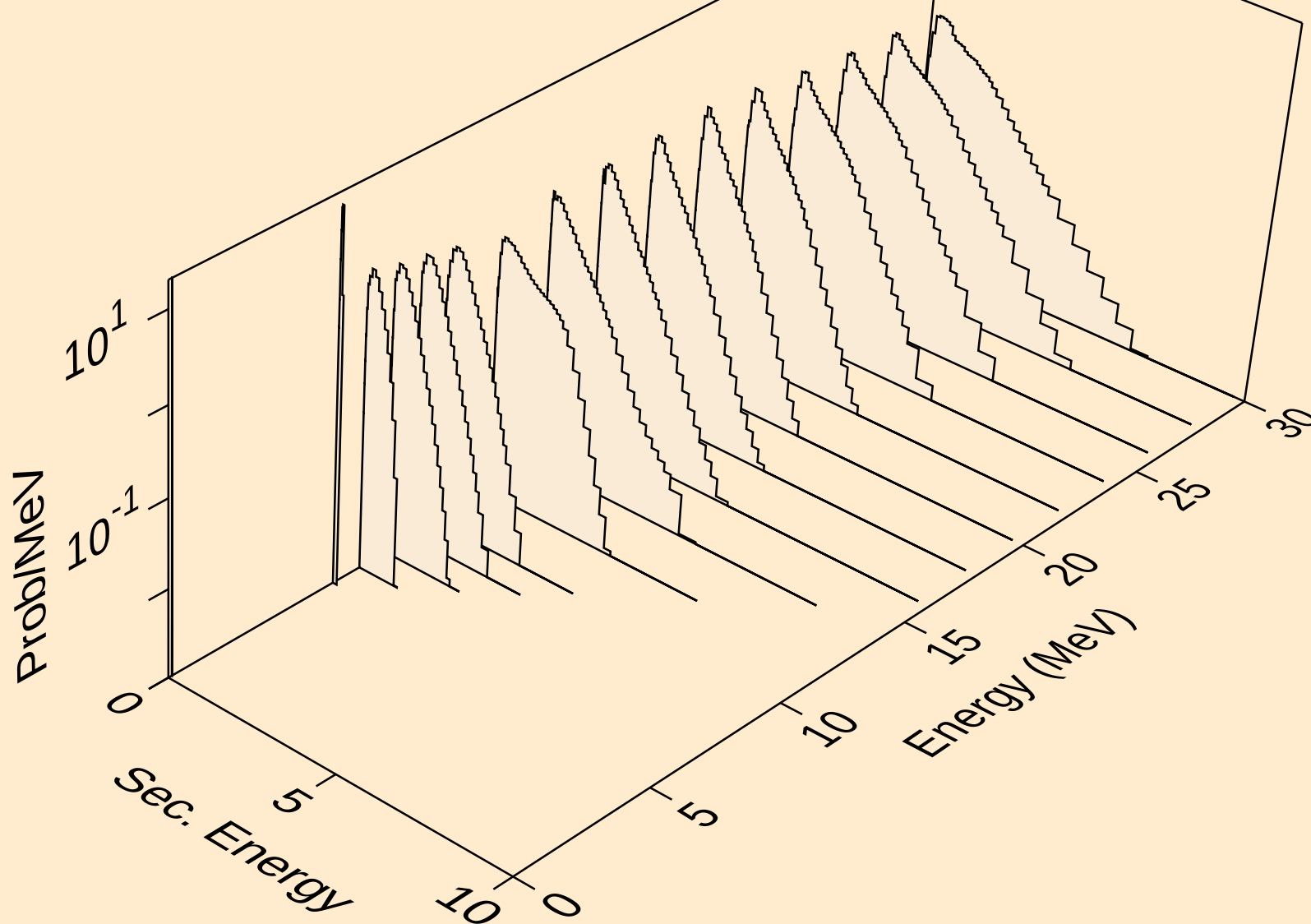
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



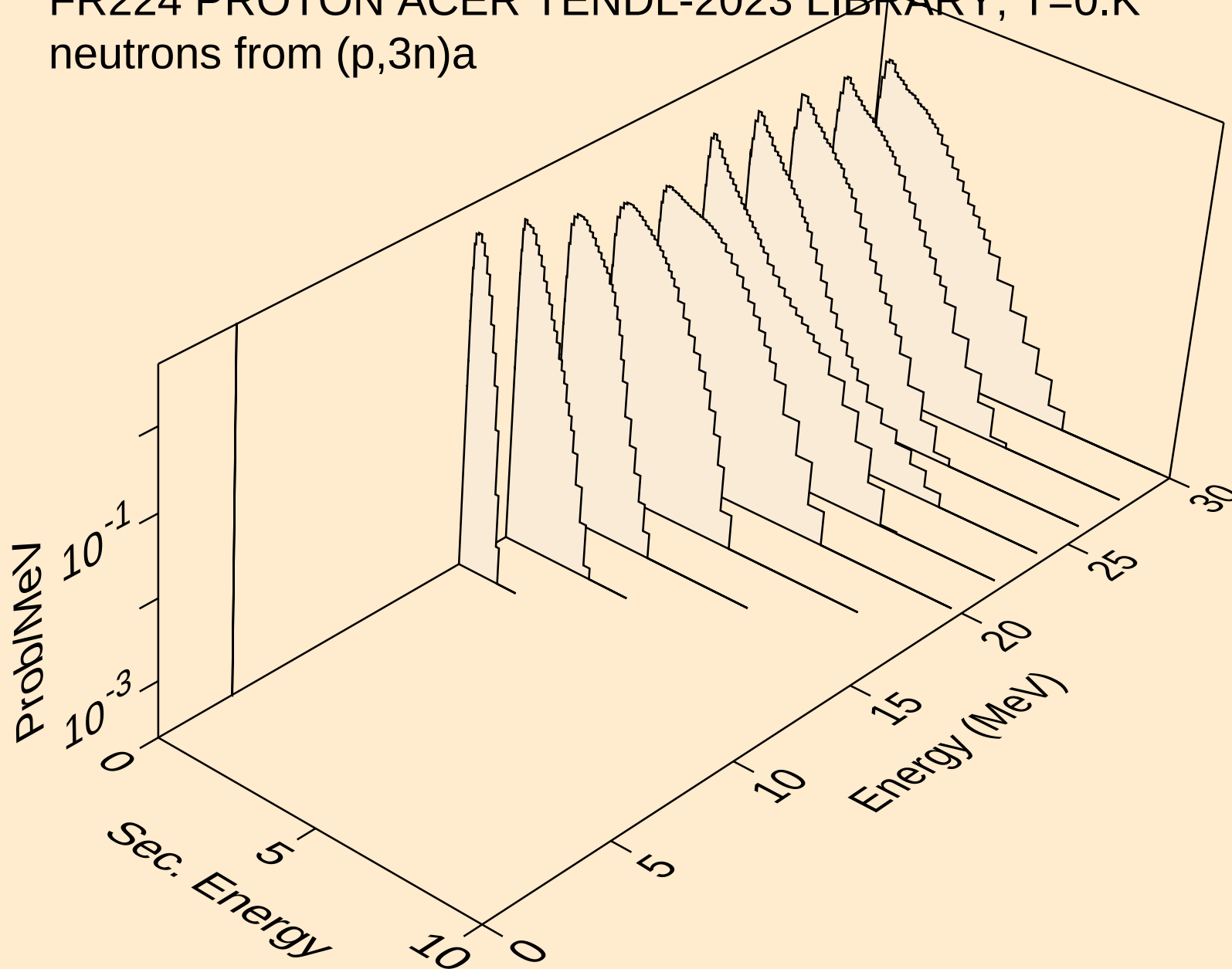
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)a



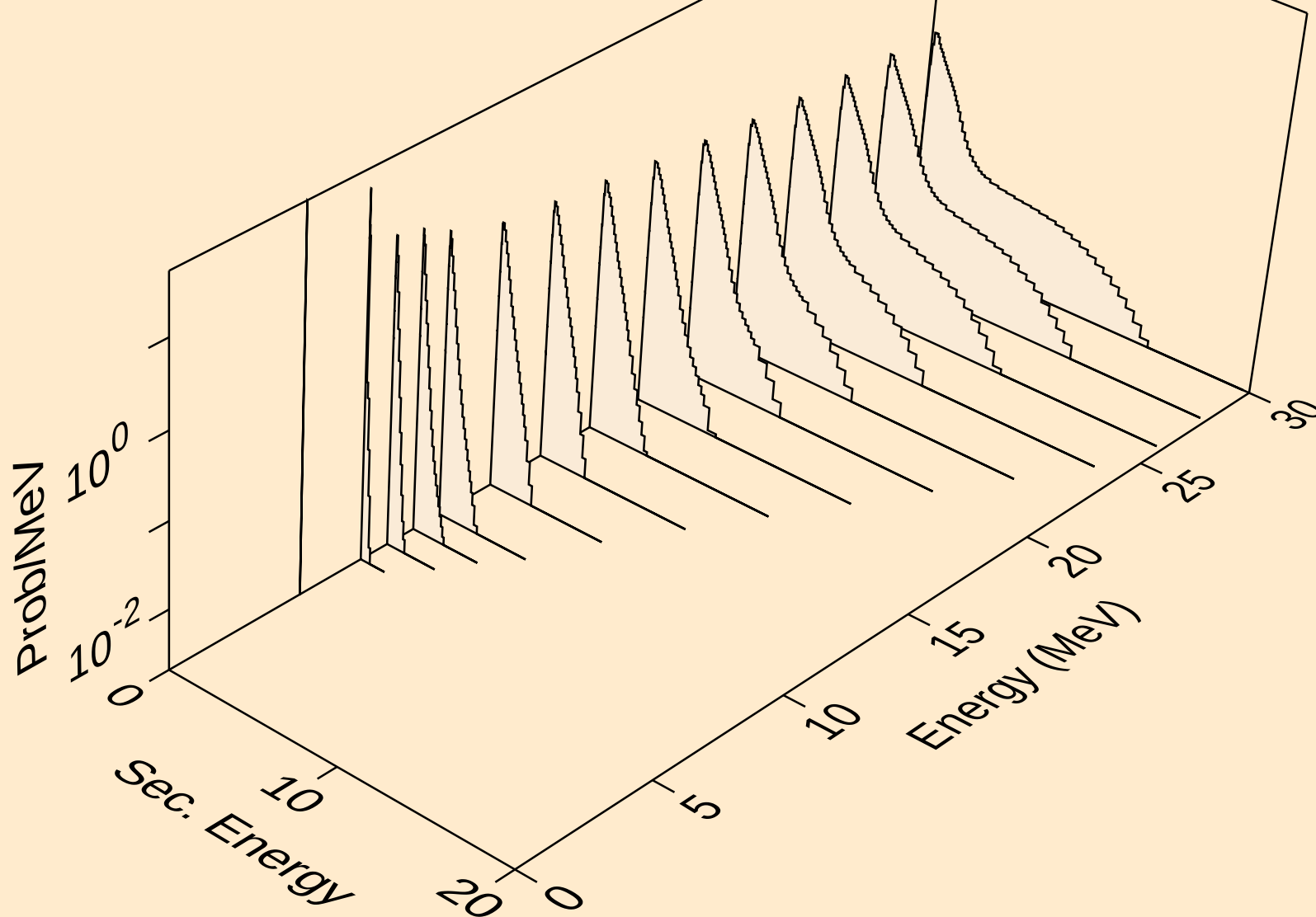
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



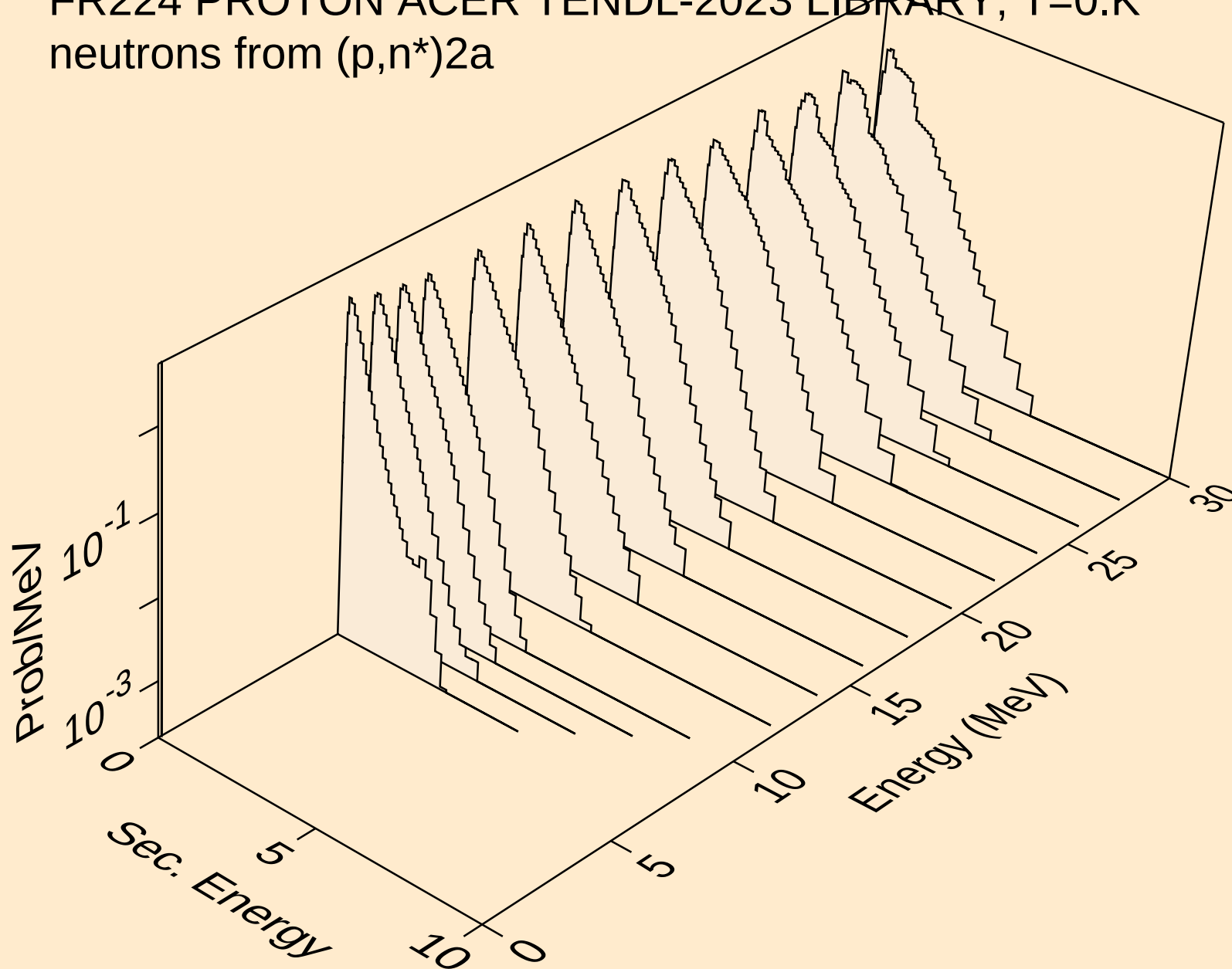
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)a



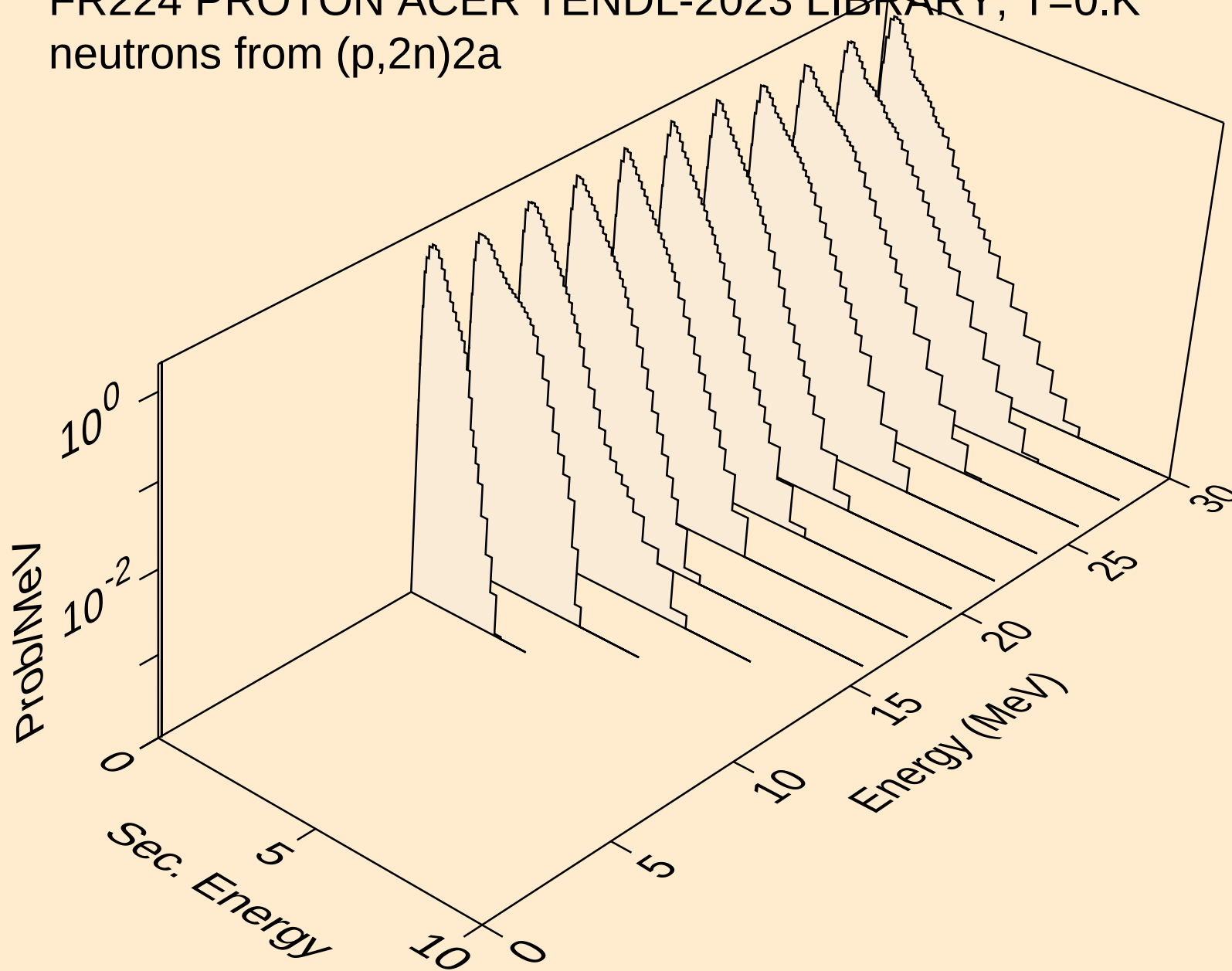
FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)p$



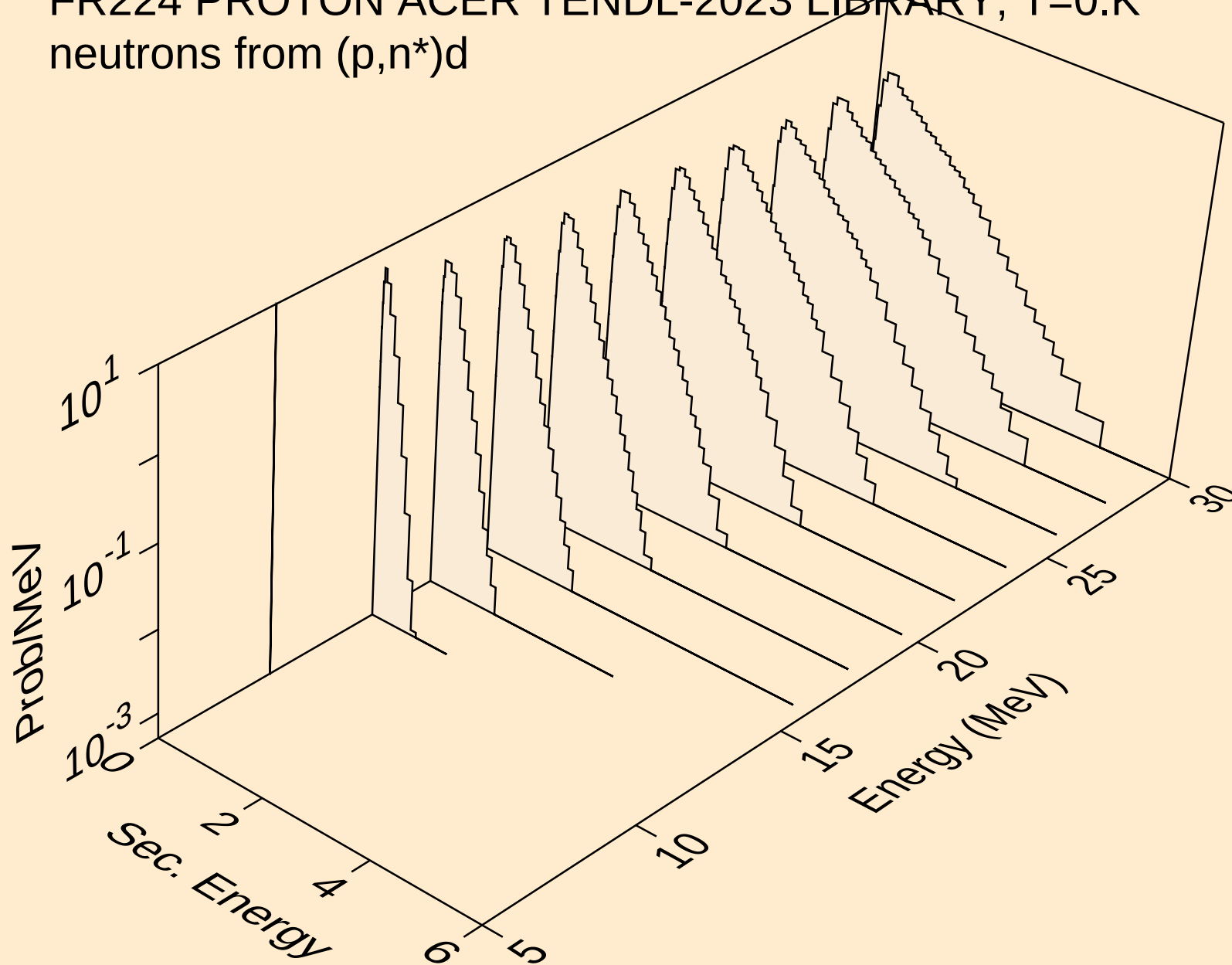
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)2a



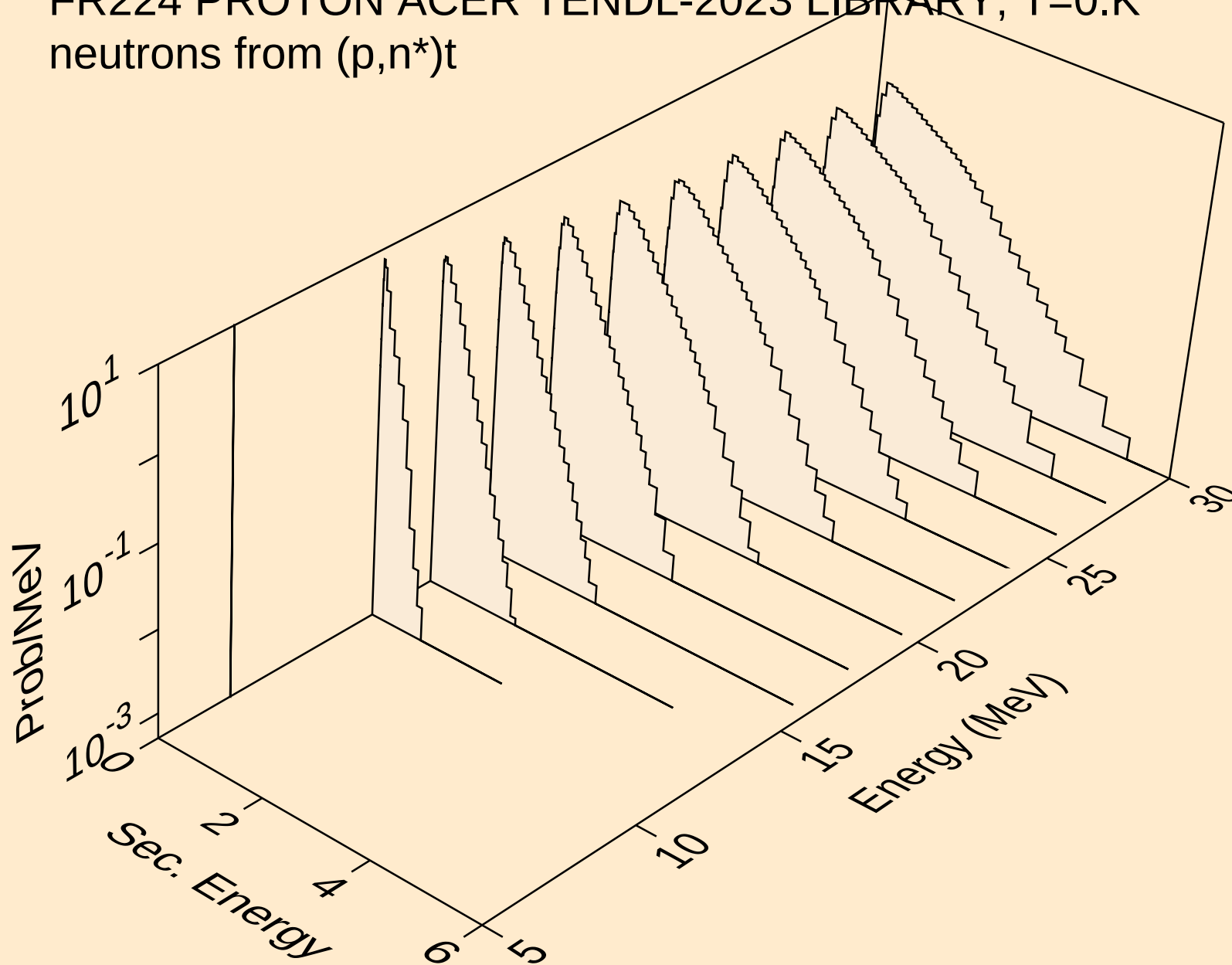
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)2a



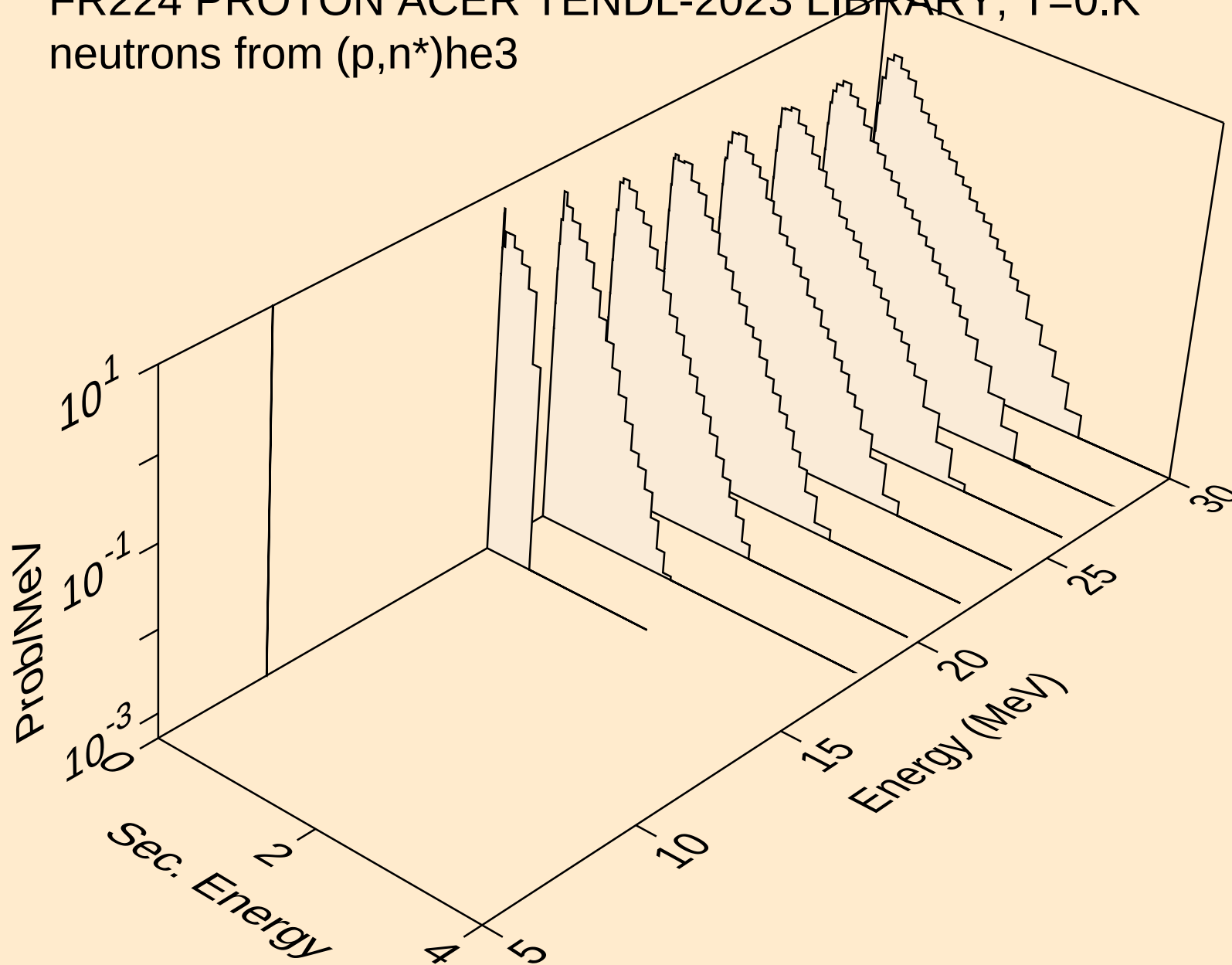
FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)d$



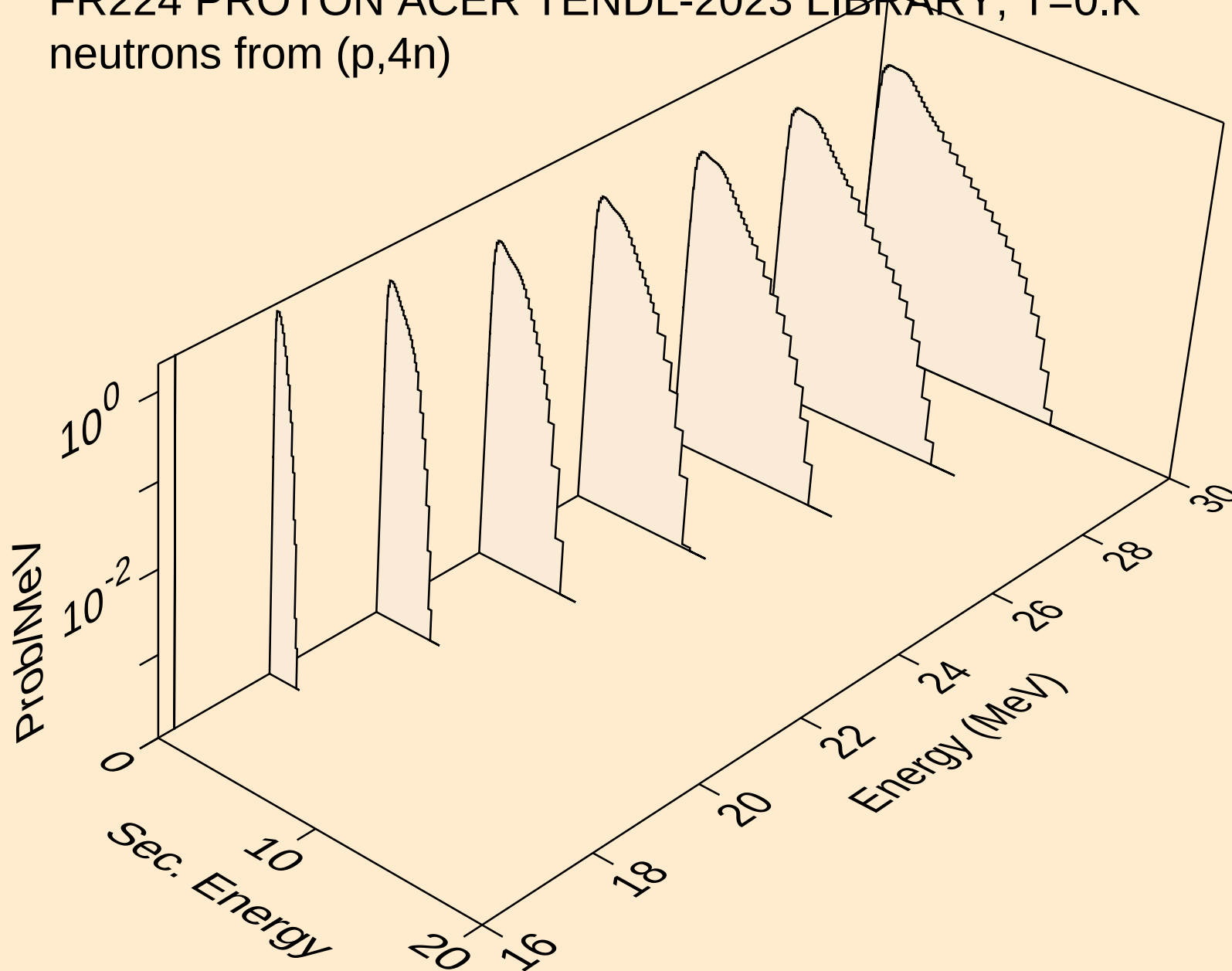
FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)t$



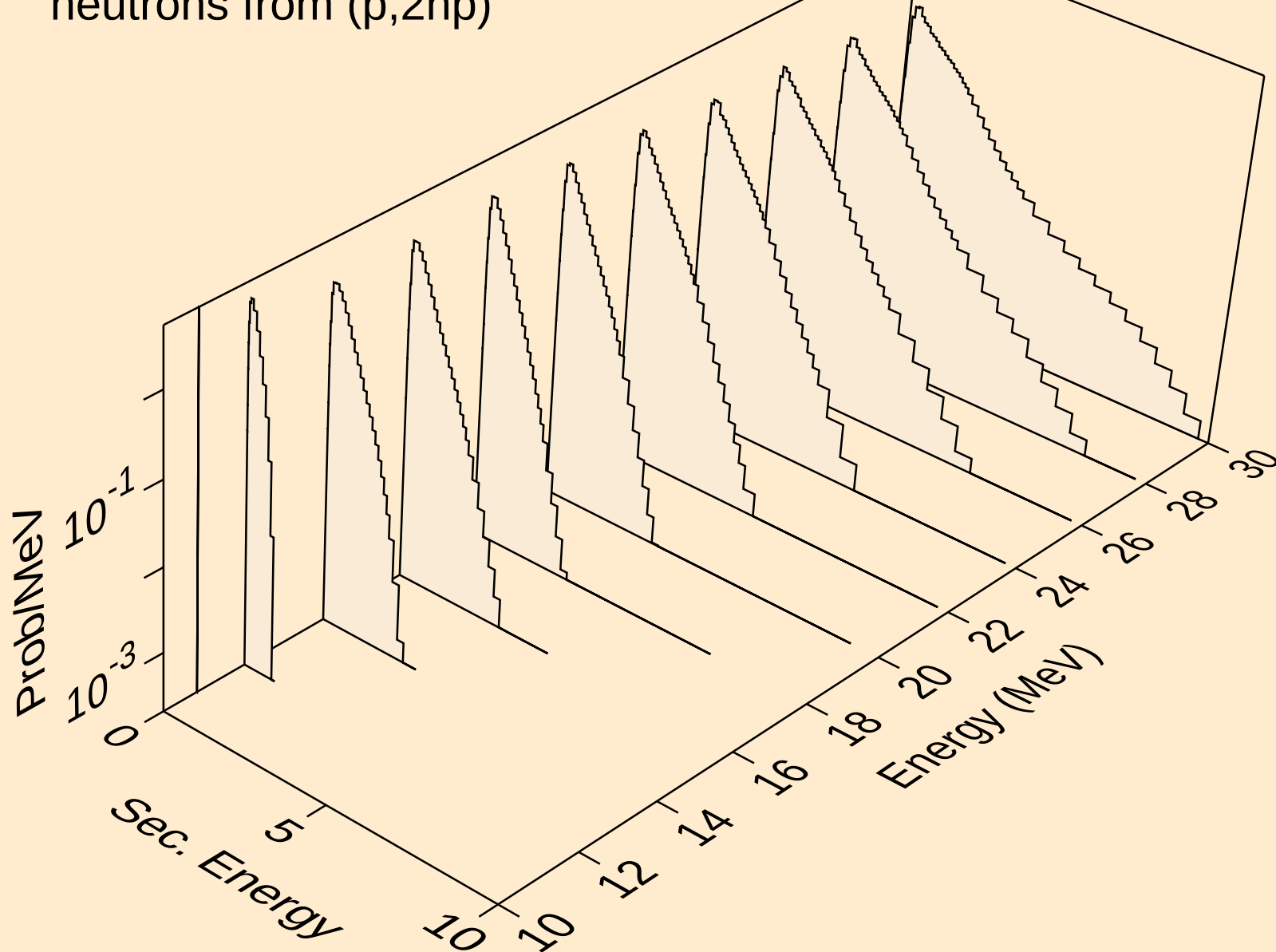
FR224 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)\text{he3}$



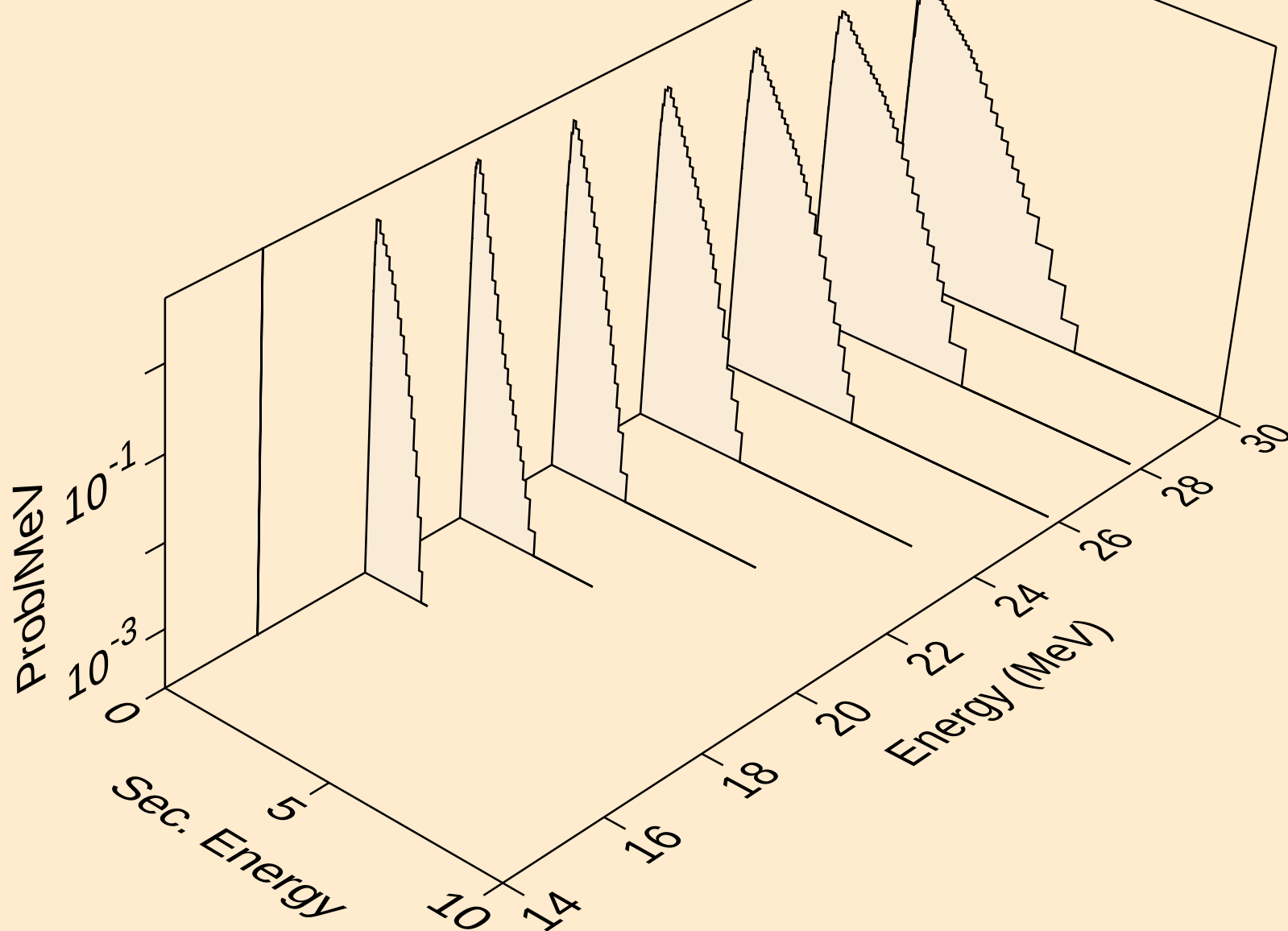
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,4n)



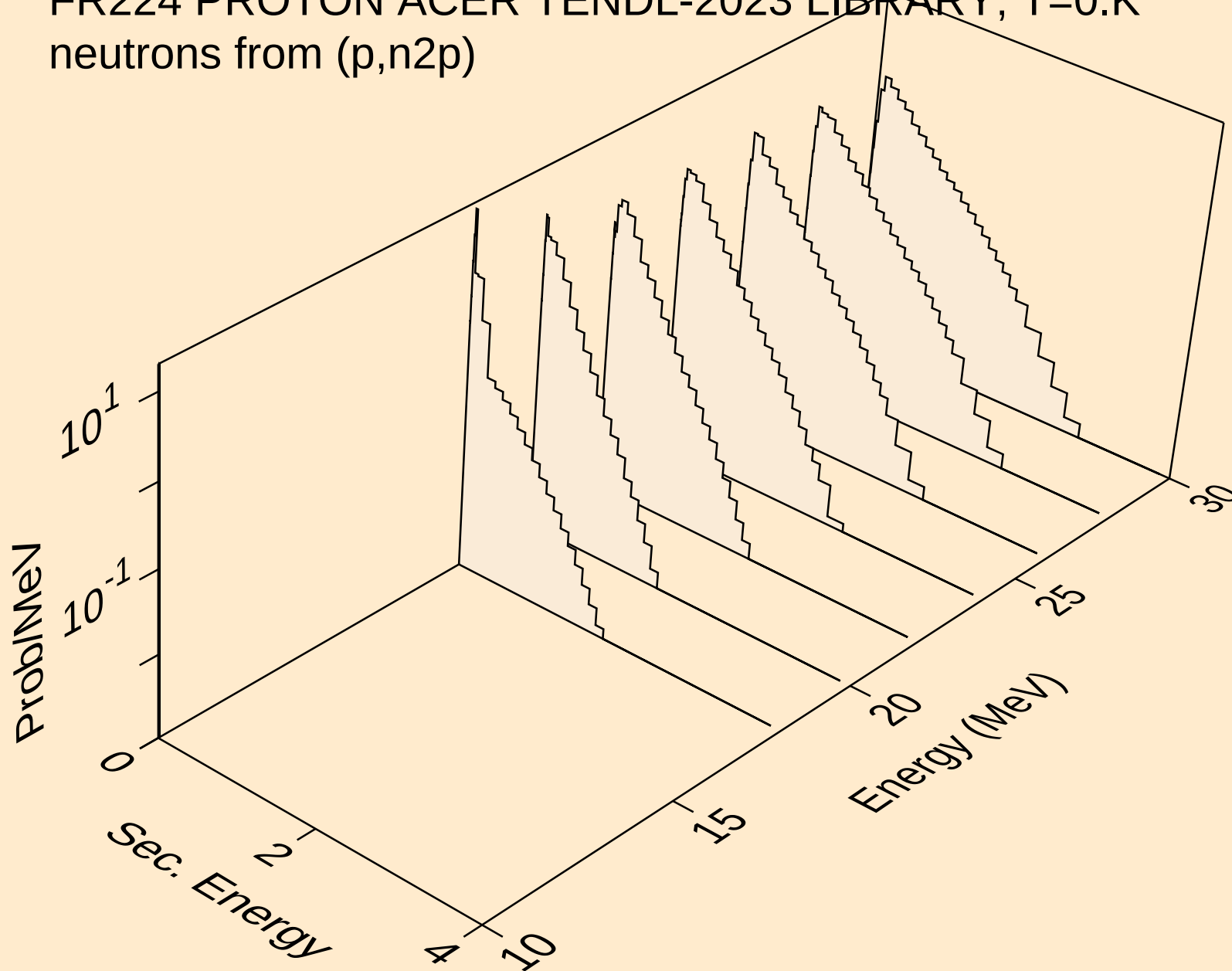
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2np)



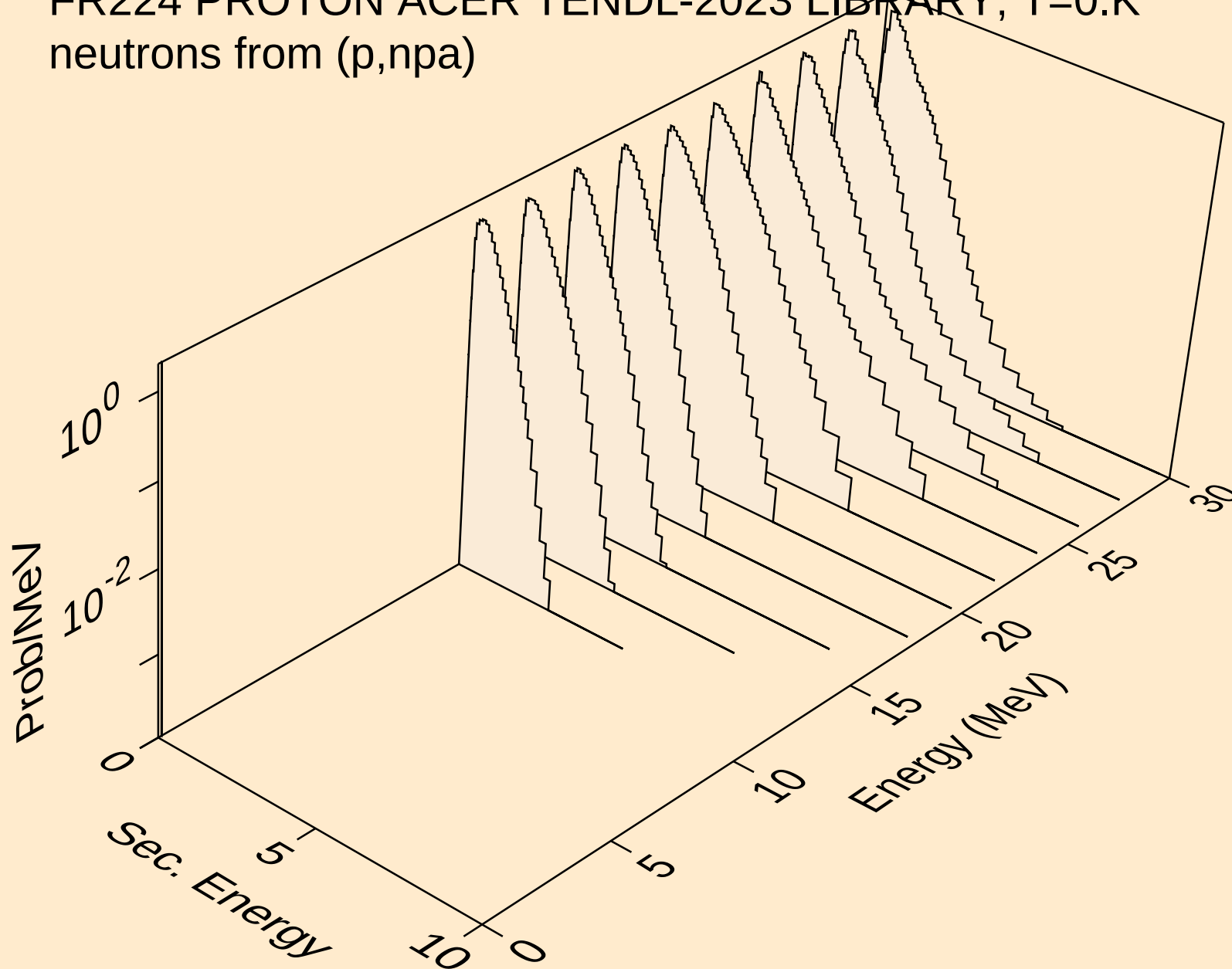
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3np)



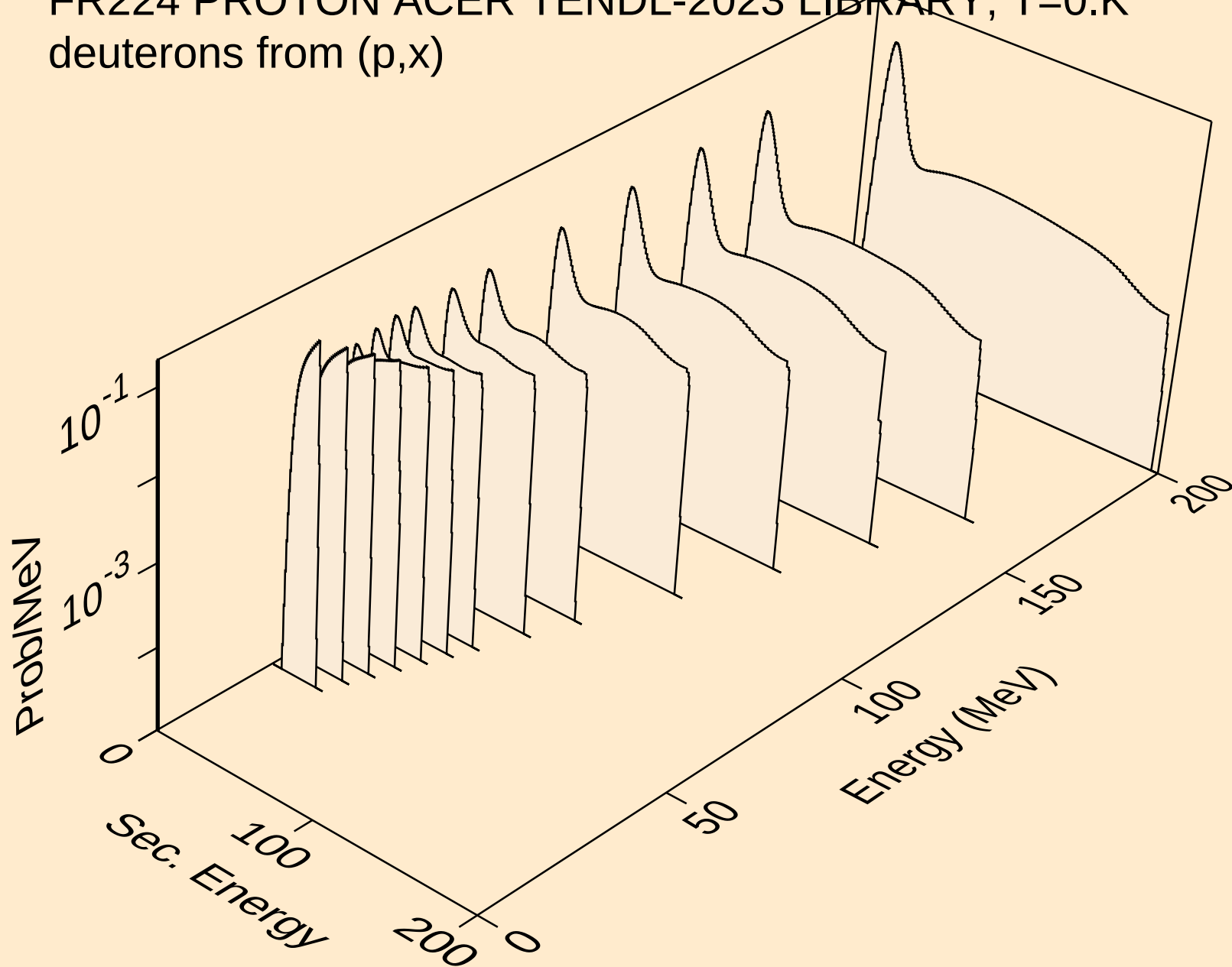
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n2p)



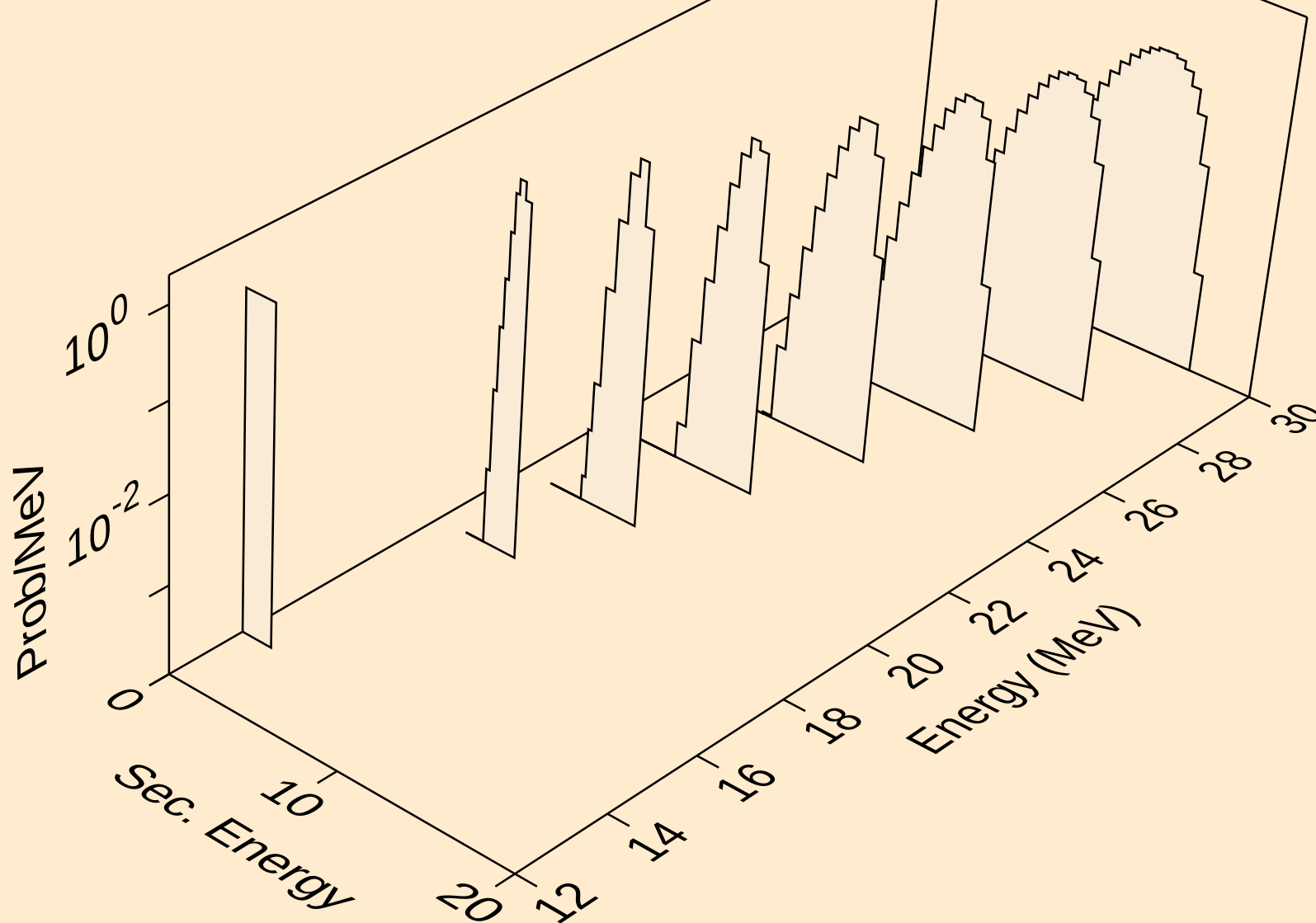
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,npa)



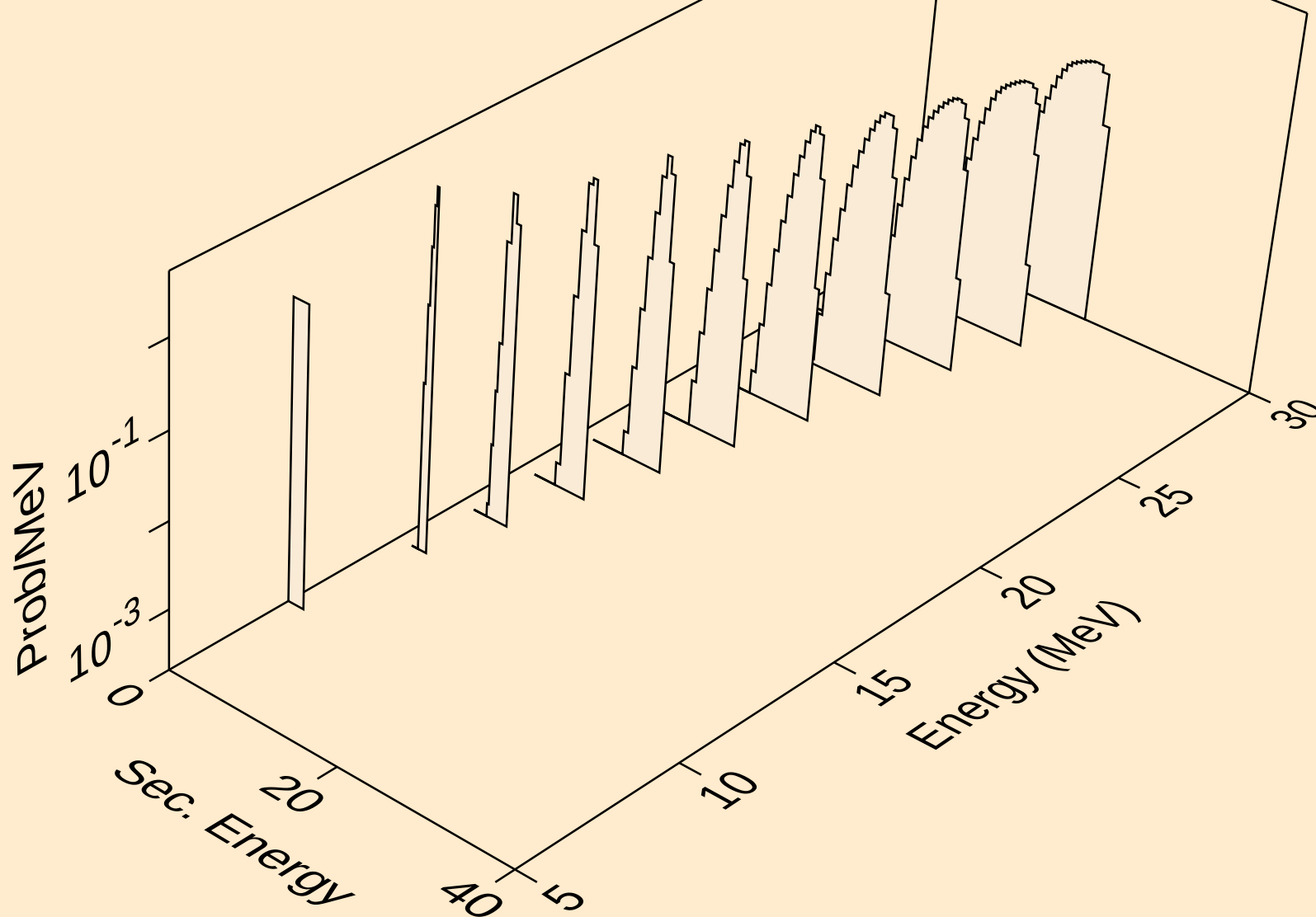
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



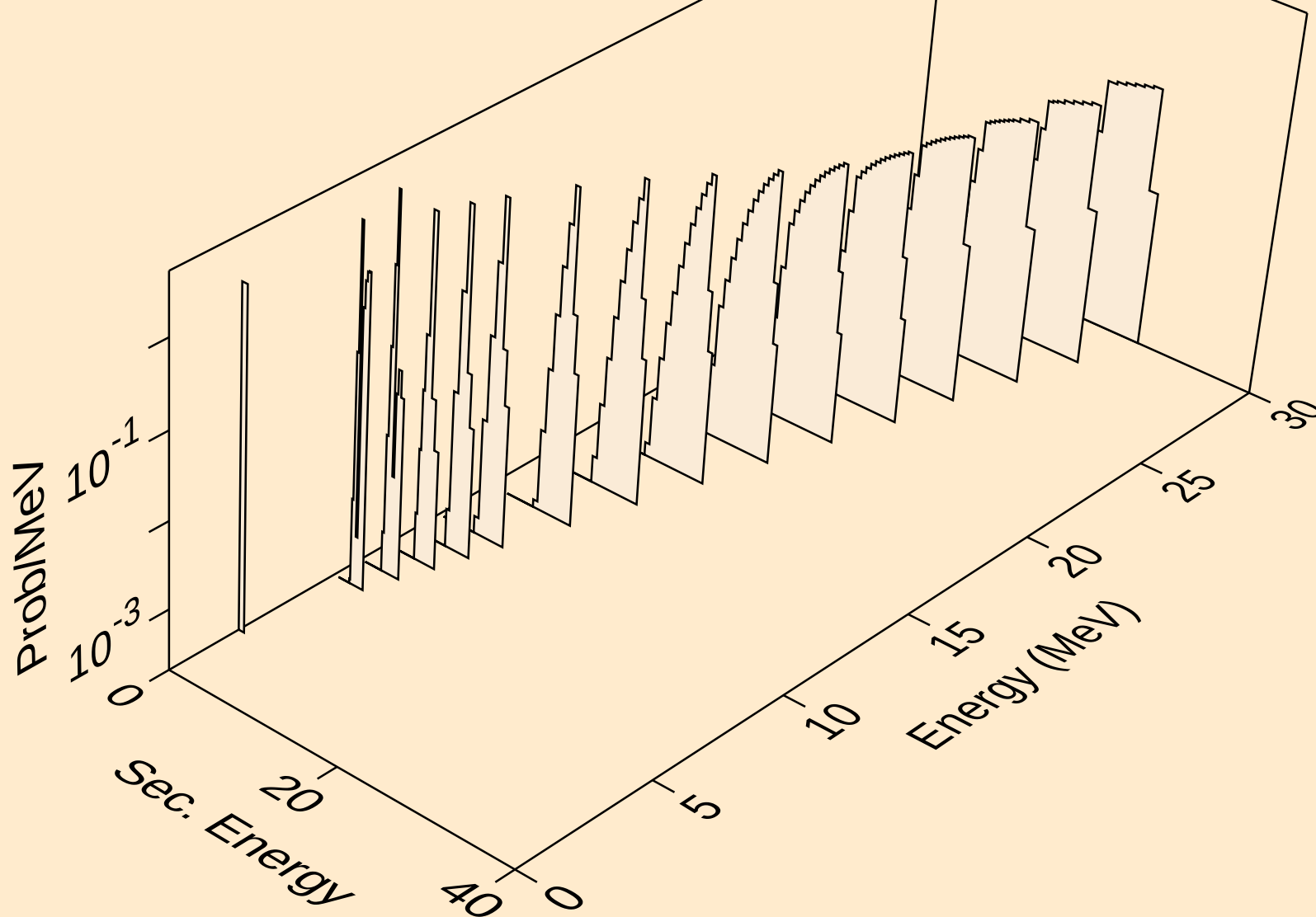
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deuterons from (p,2nd)



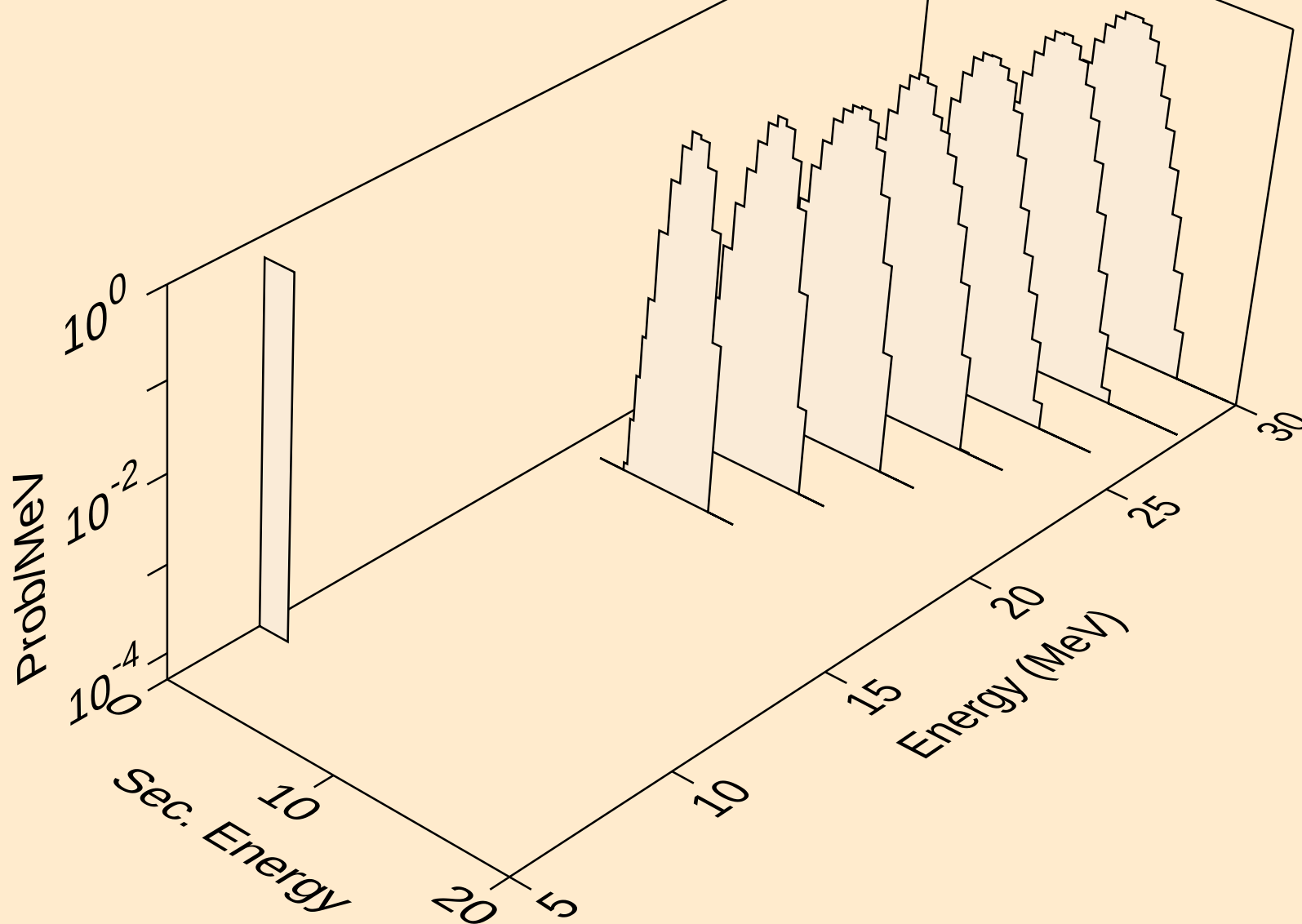
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,n*)d



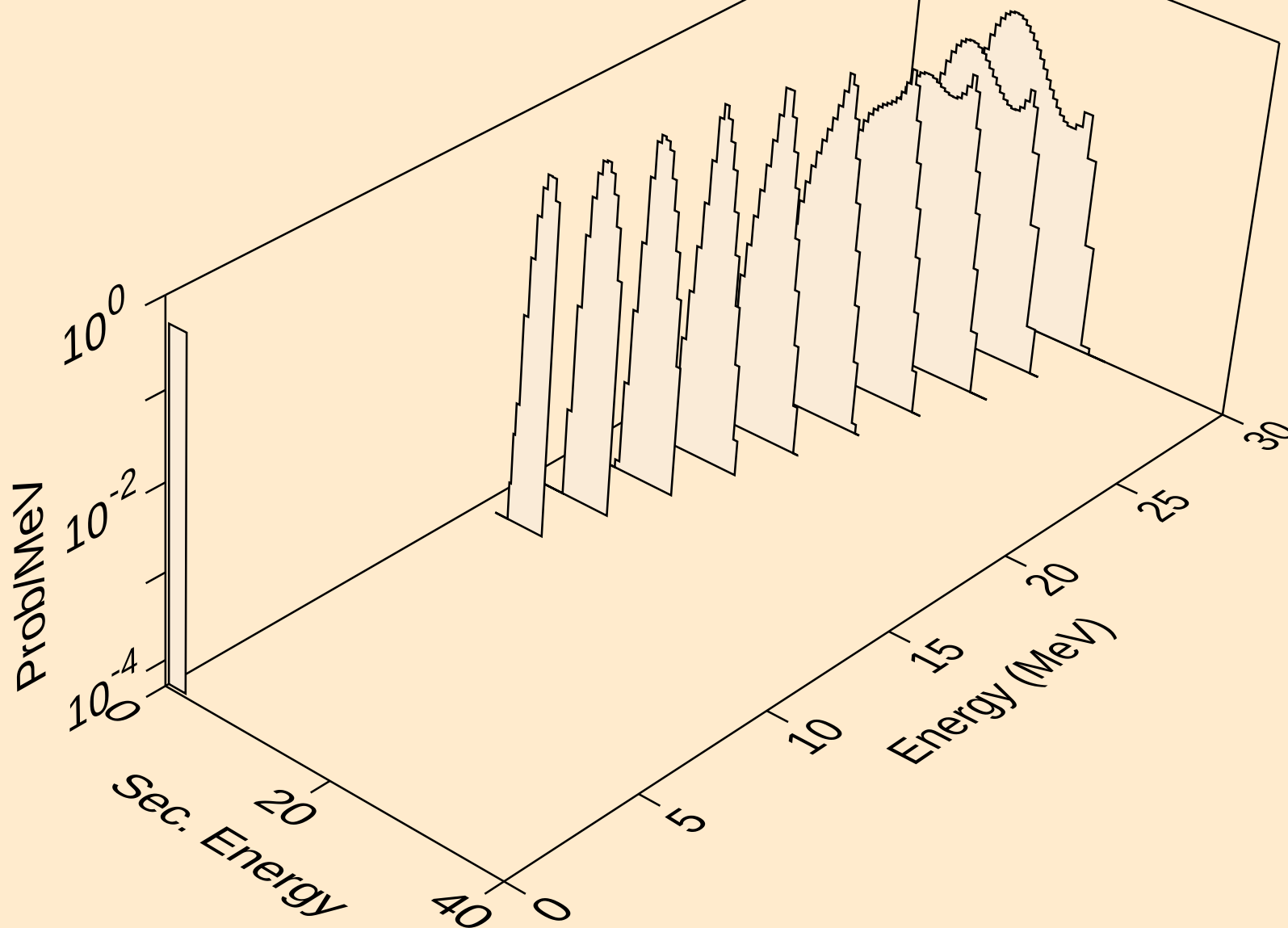
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deuterons from (p,d)



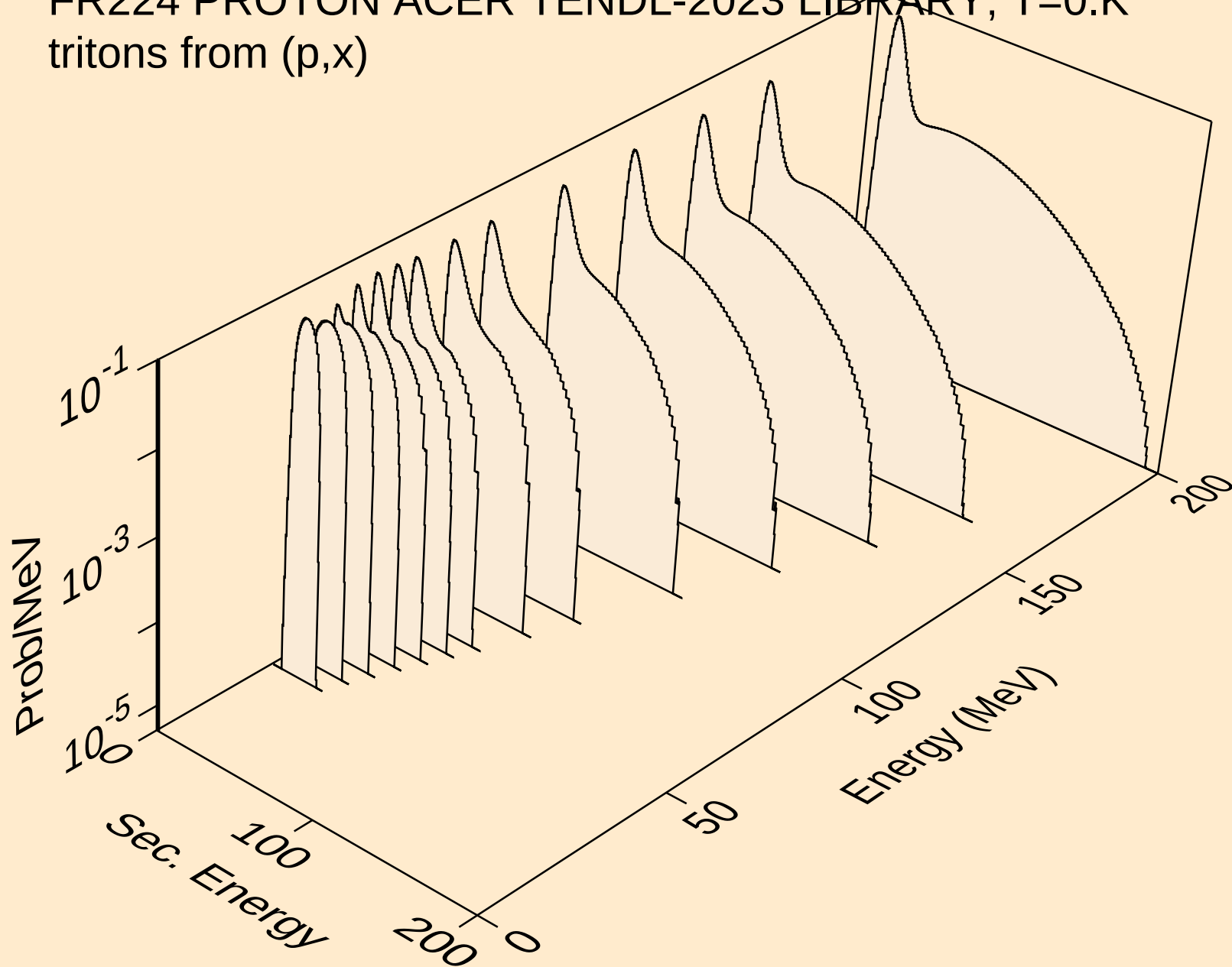
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deuterons from (p,pd)



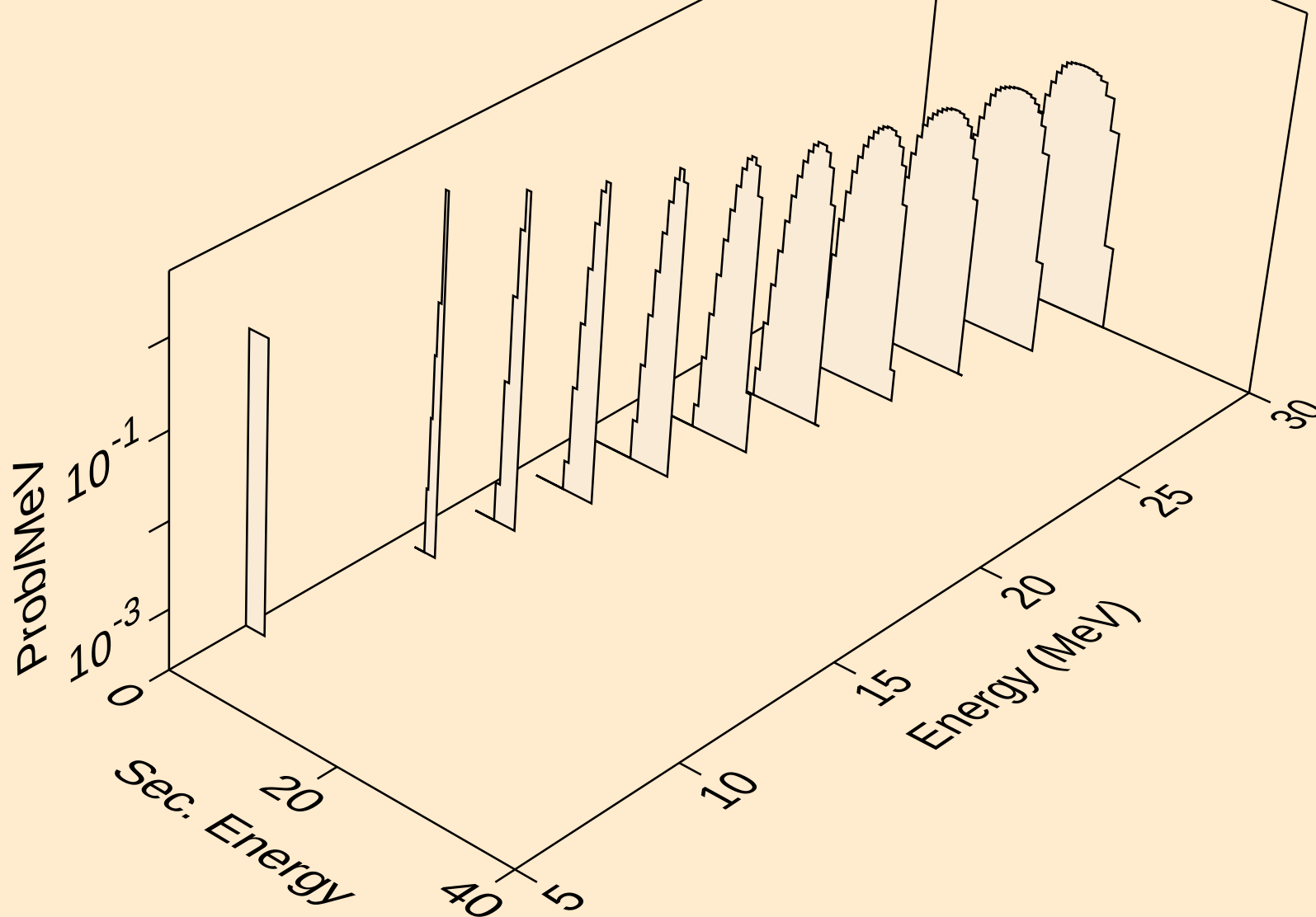
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deuterons from (p,da)



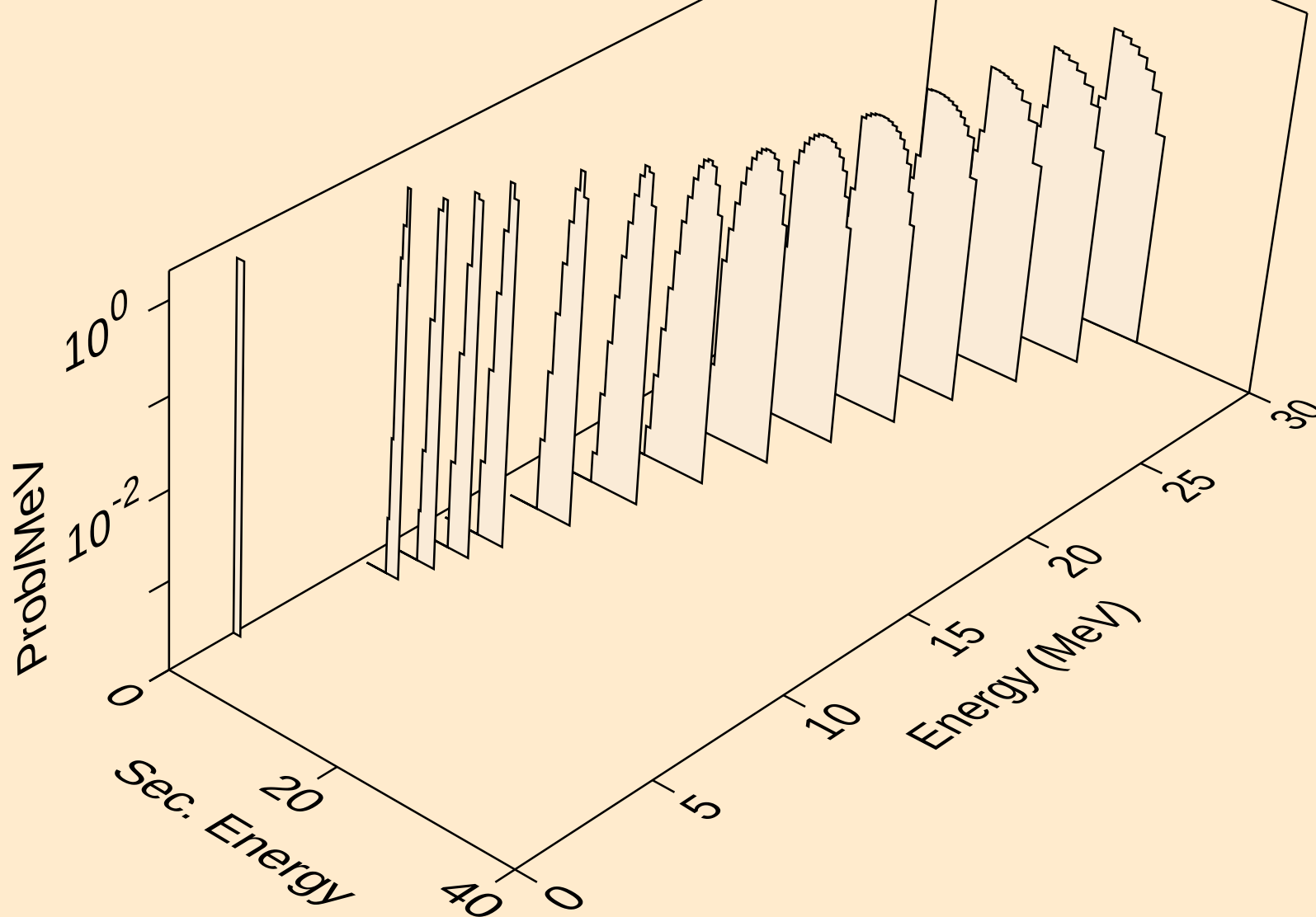
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



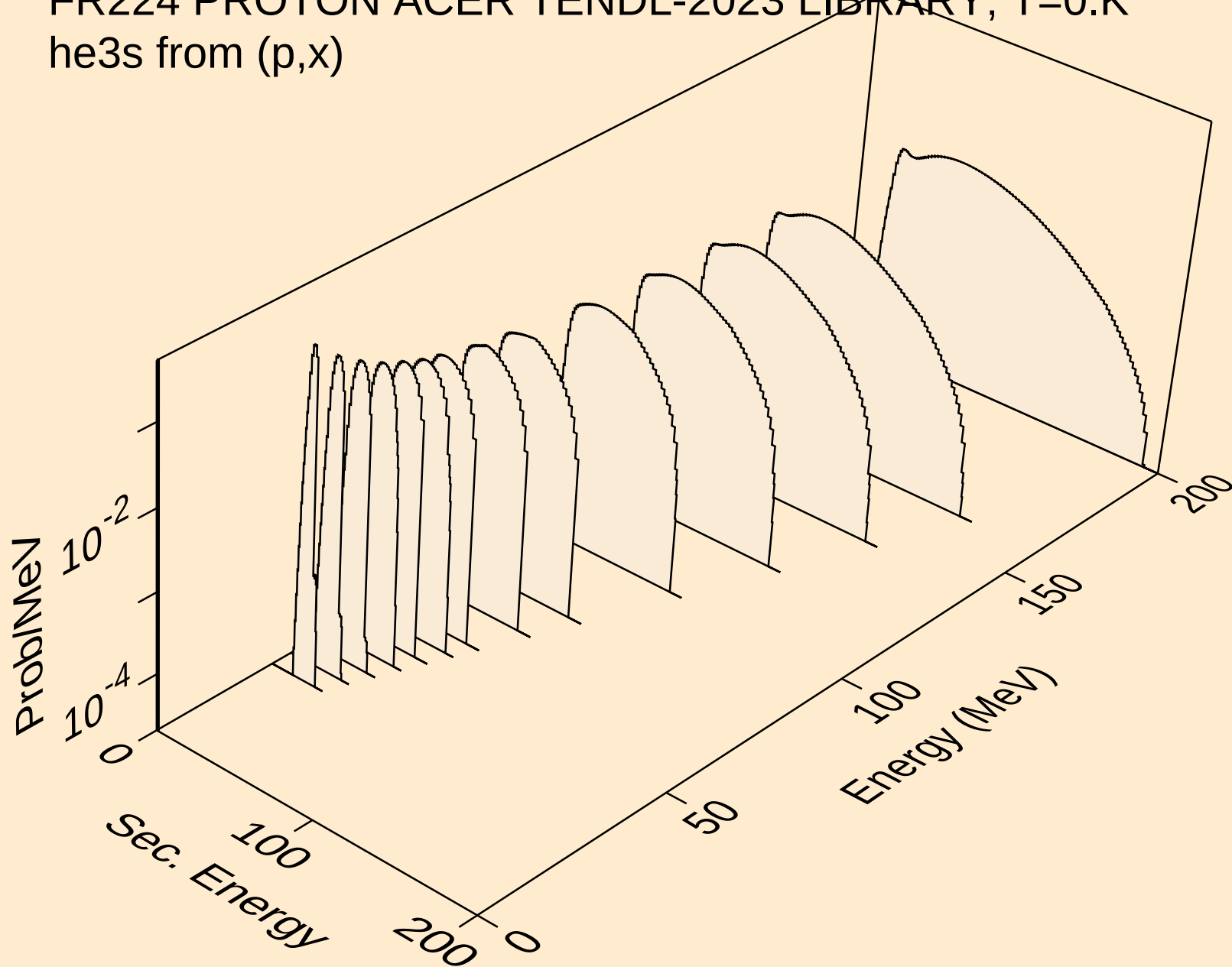
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t



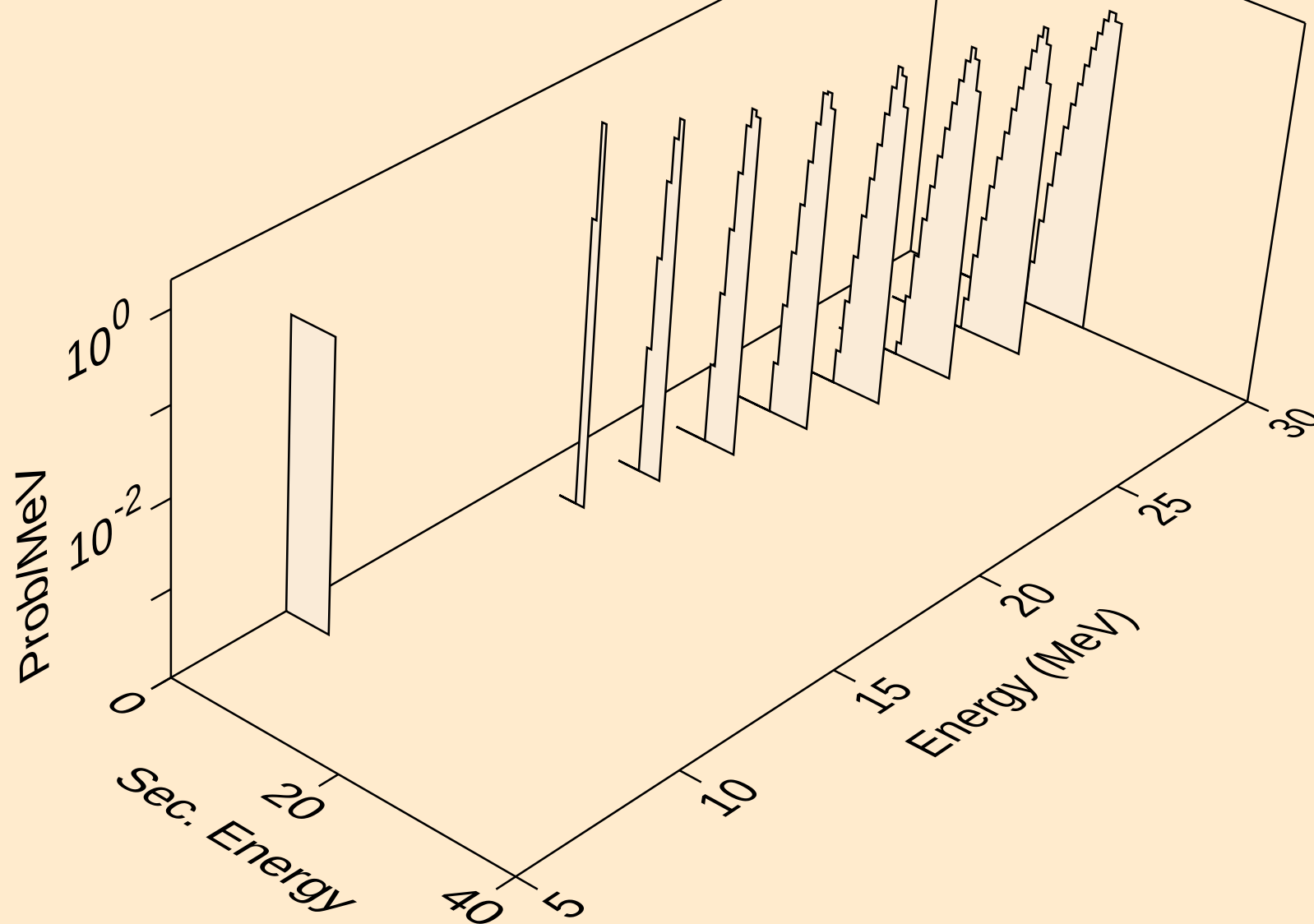
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tritons from (p,t)



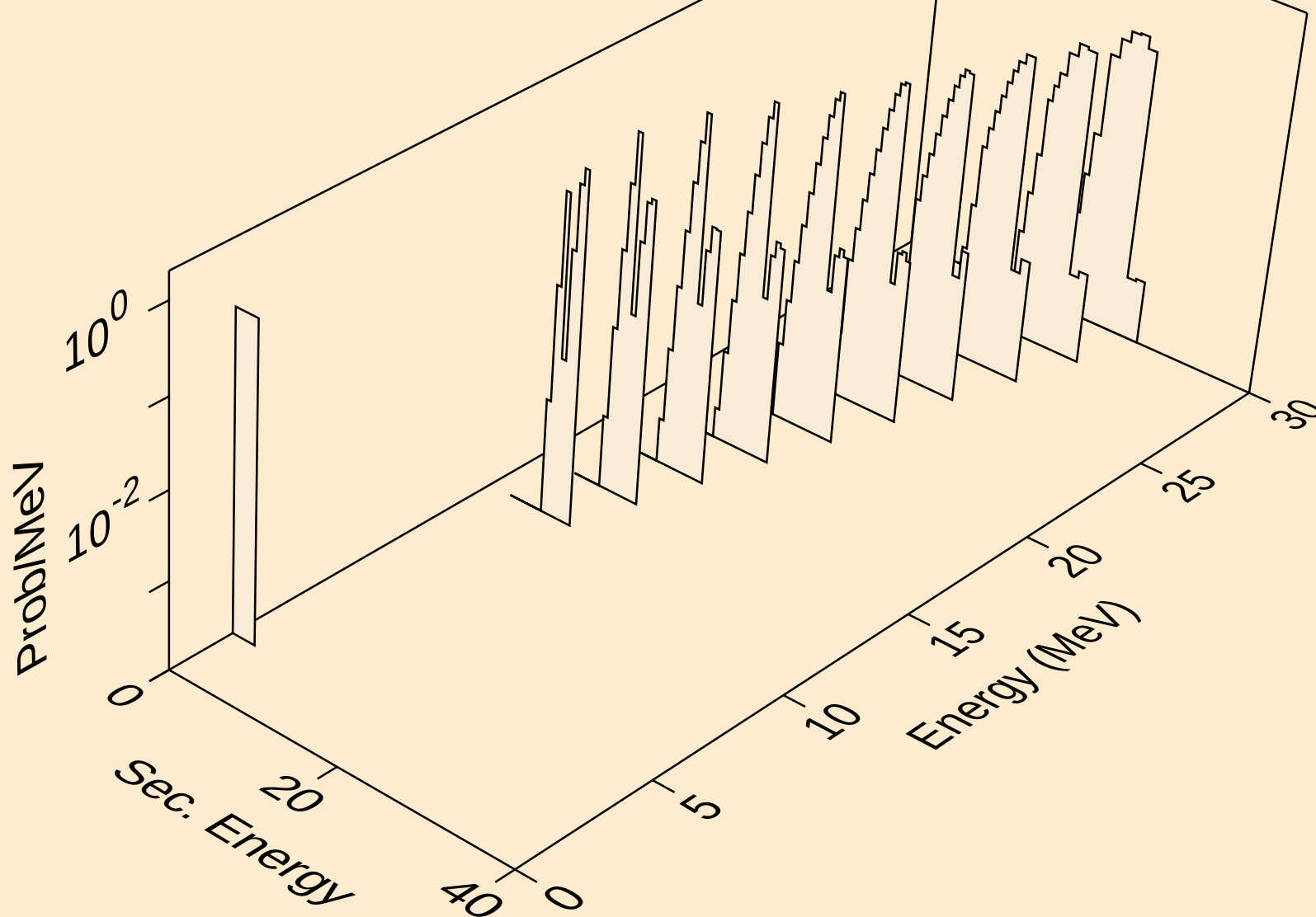
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



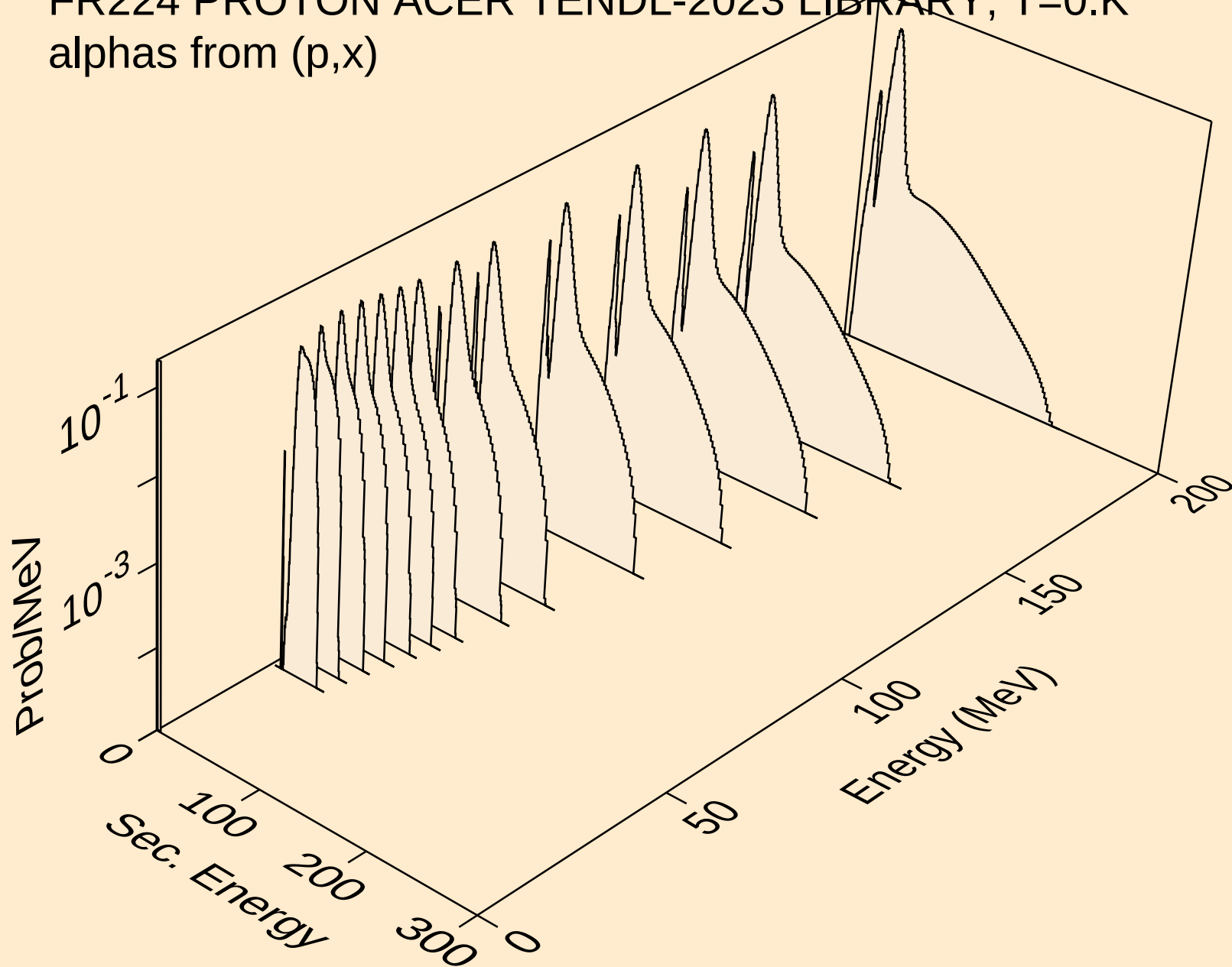
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



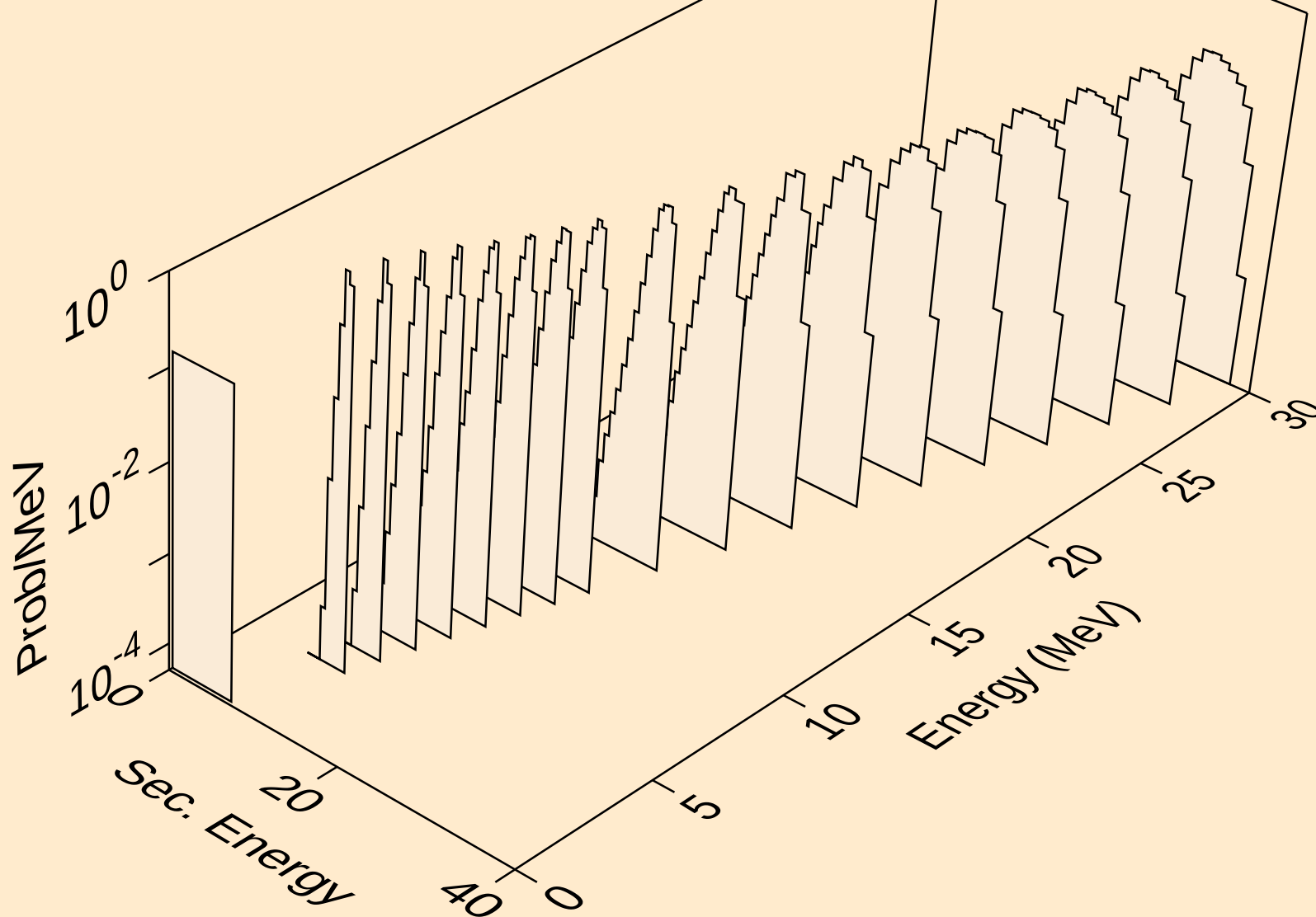
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



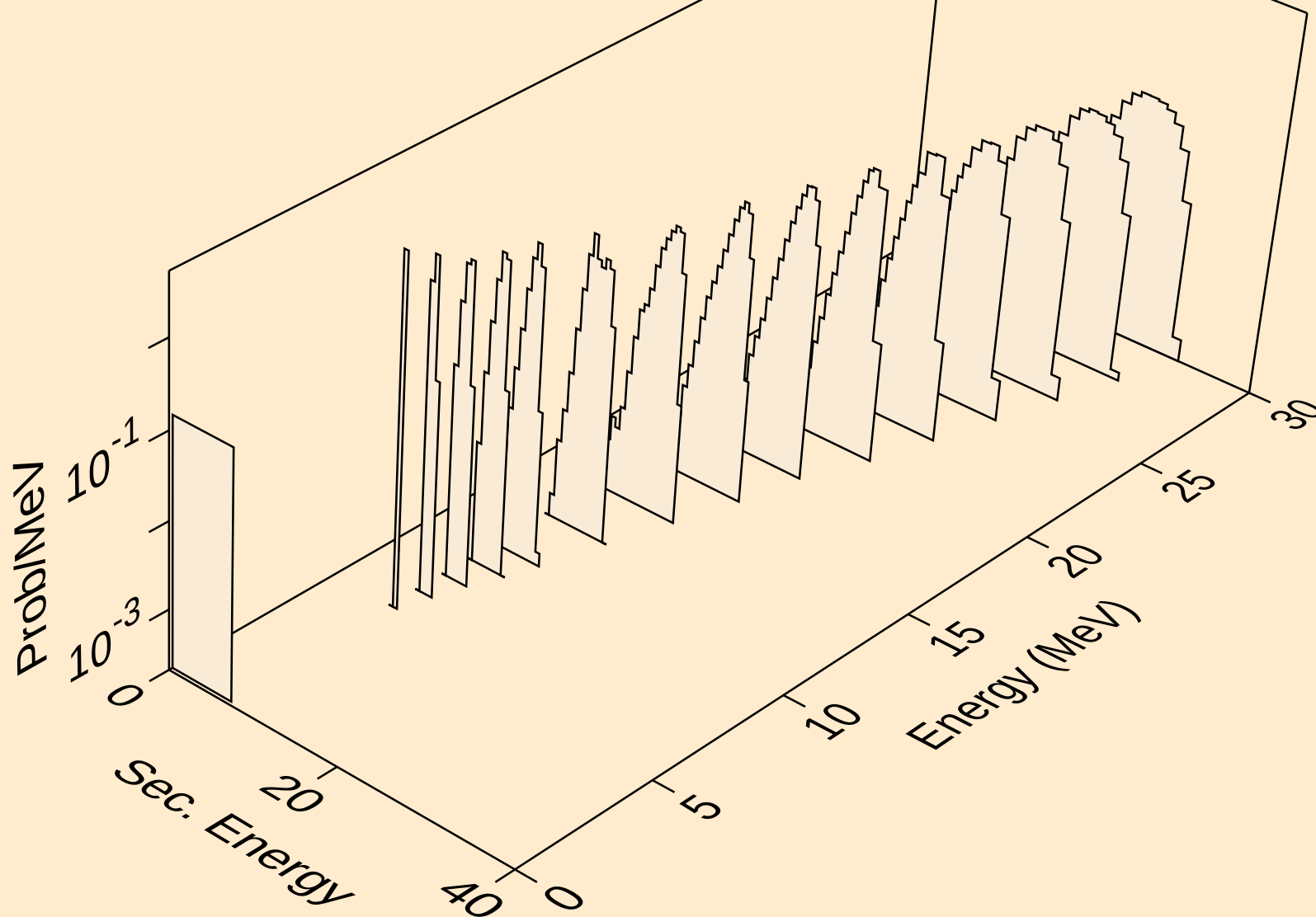
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



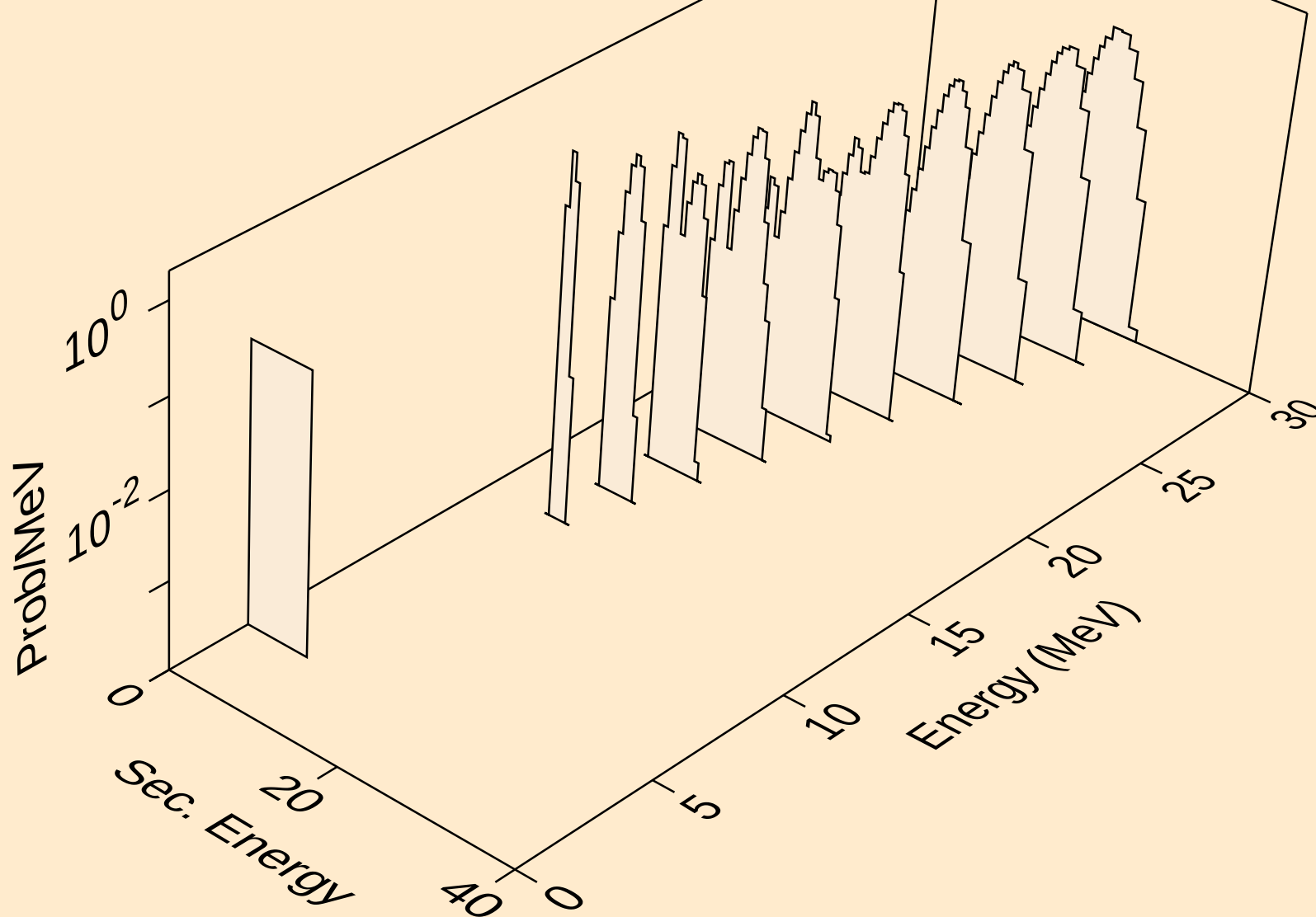
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



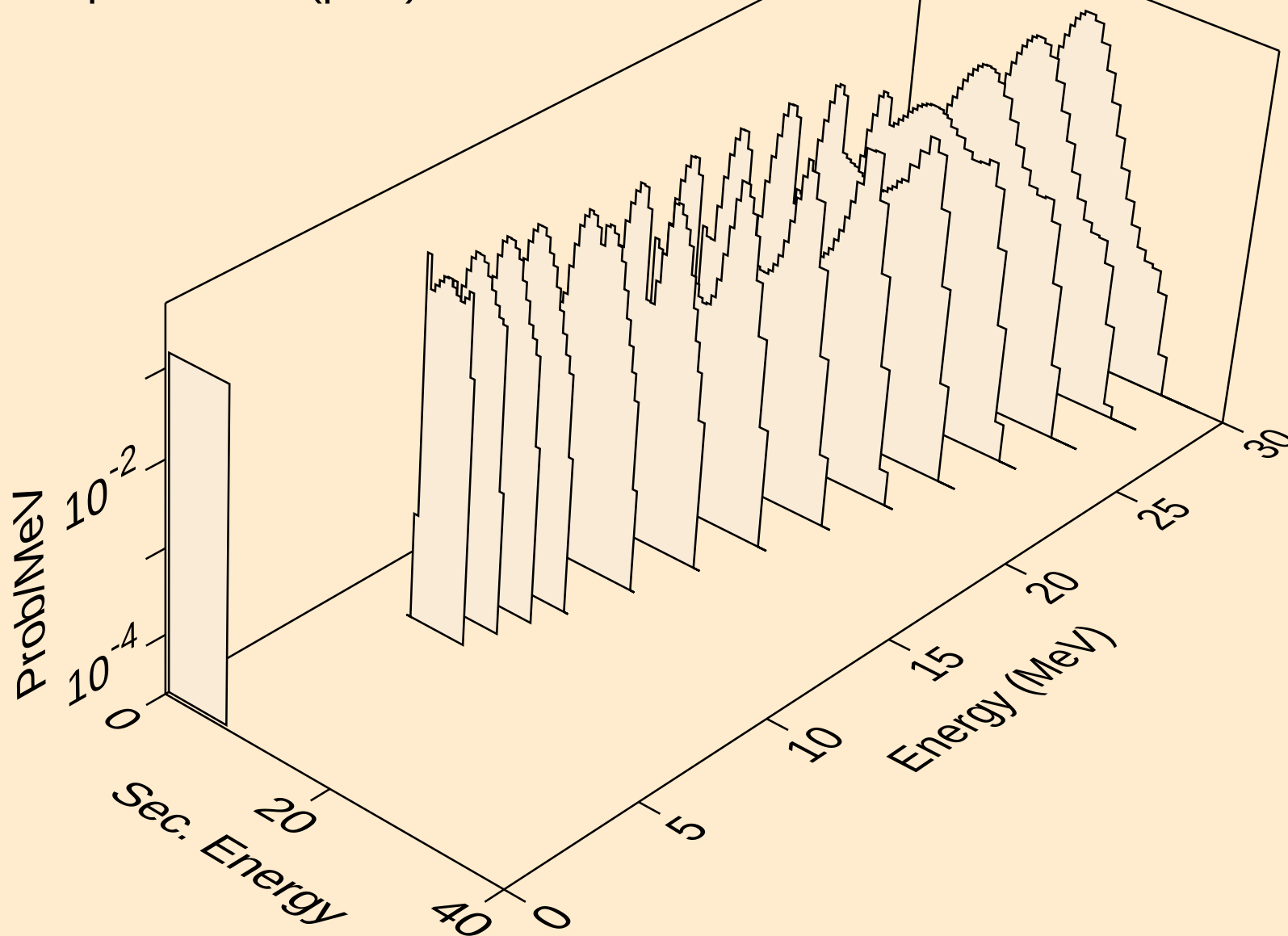
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



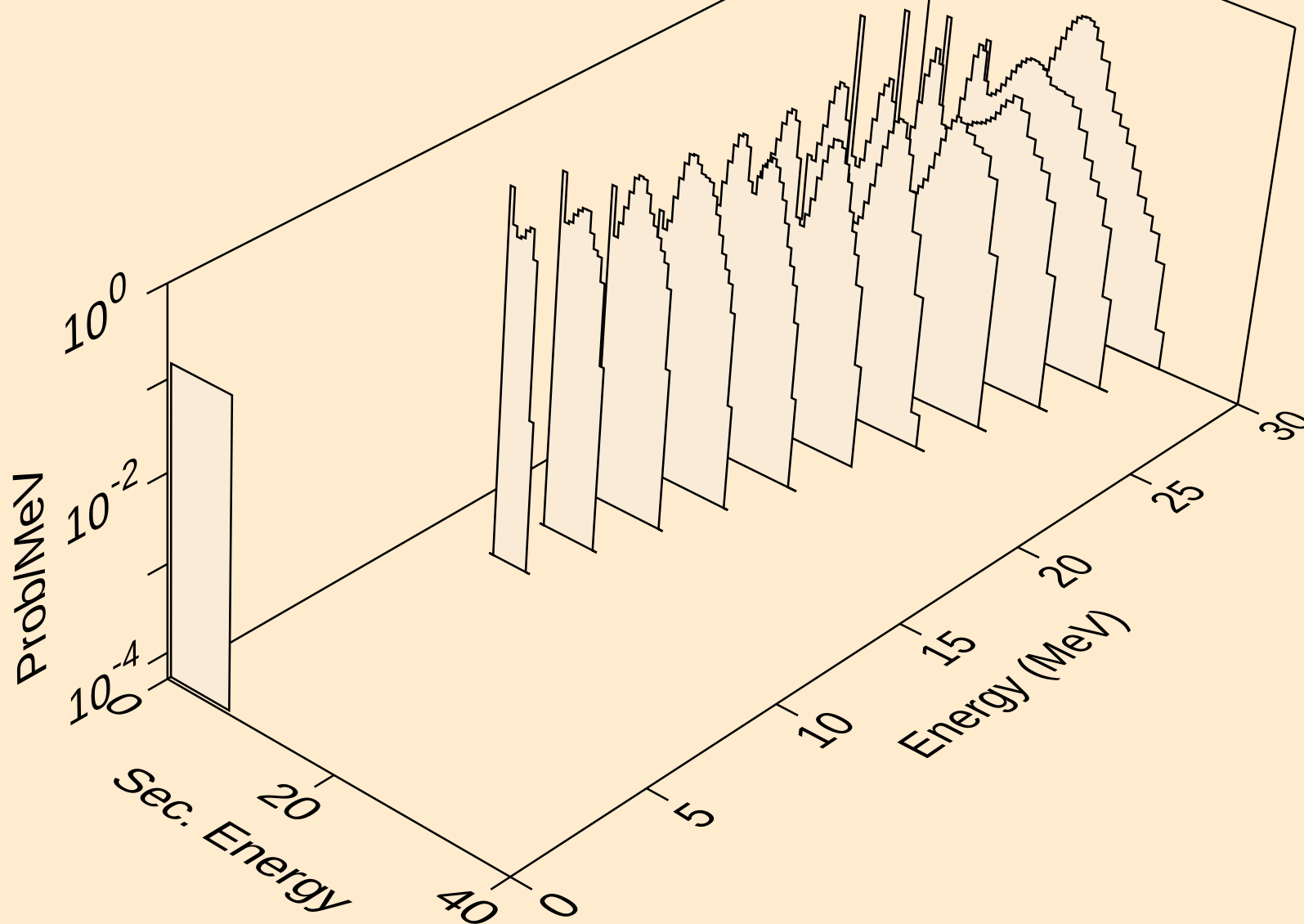
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



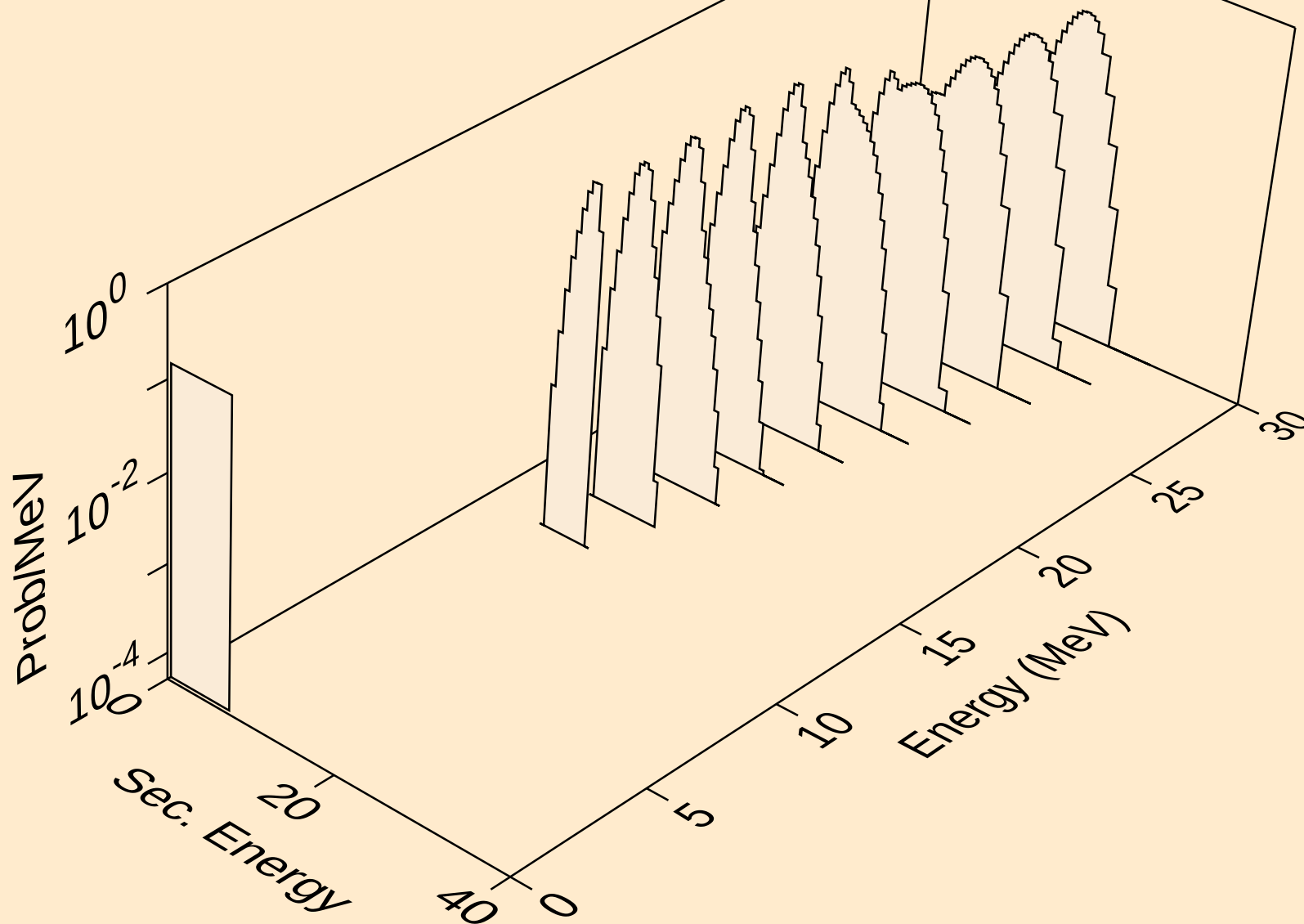
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)2a



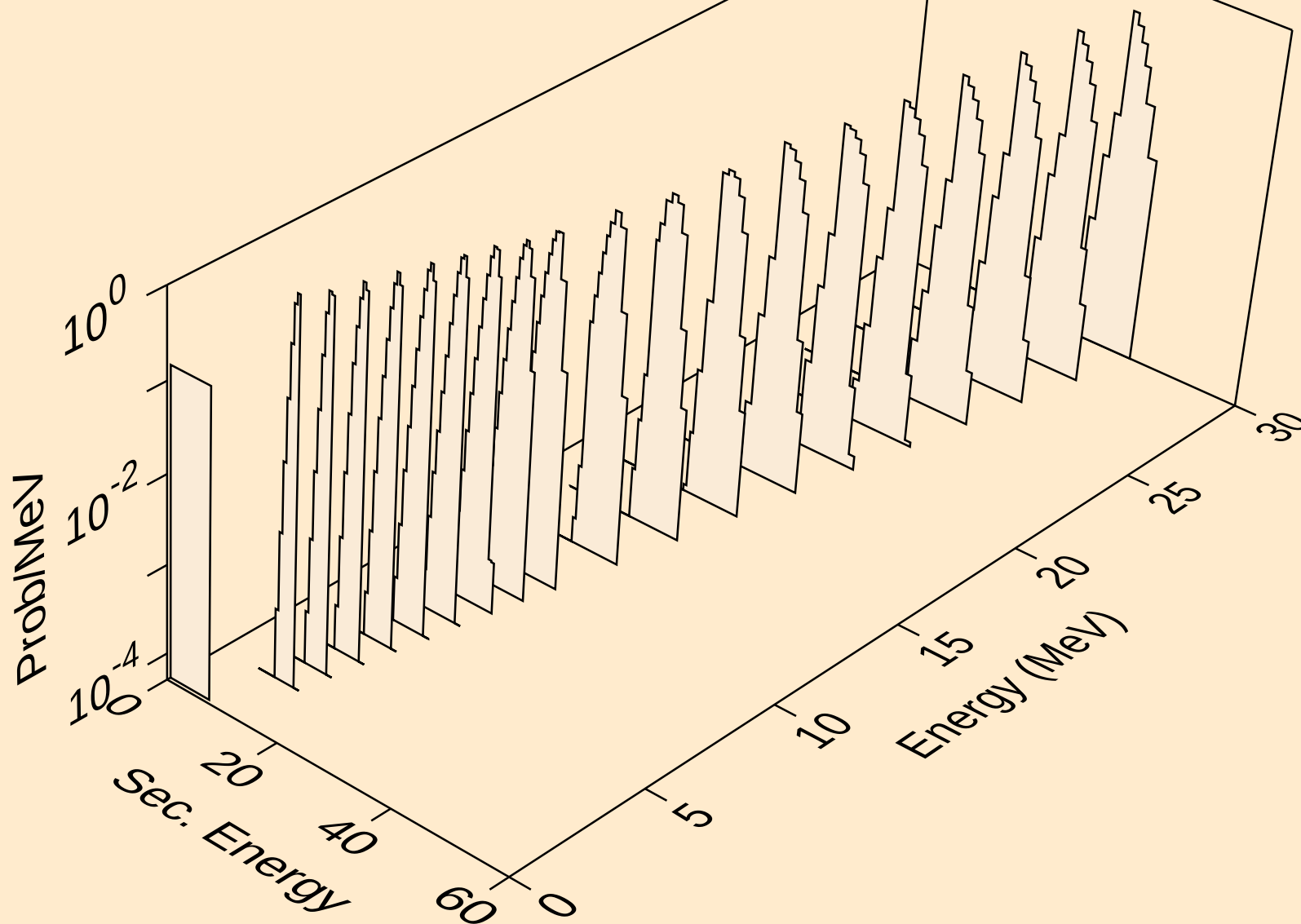
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alphas from (p,2n)2a



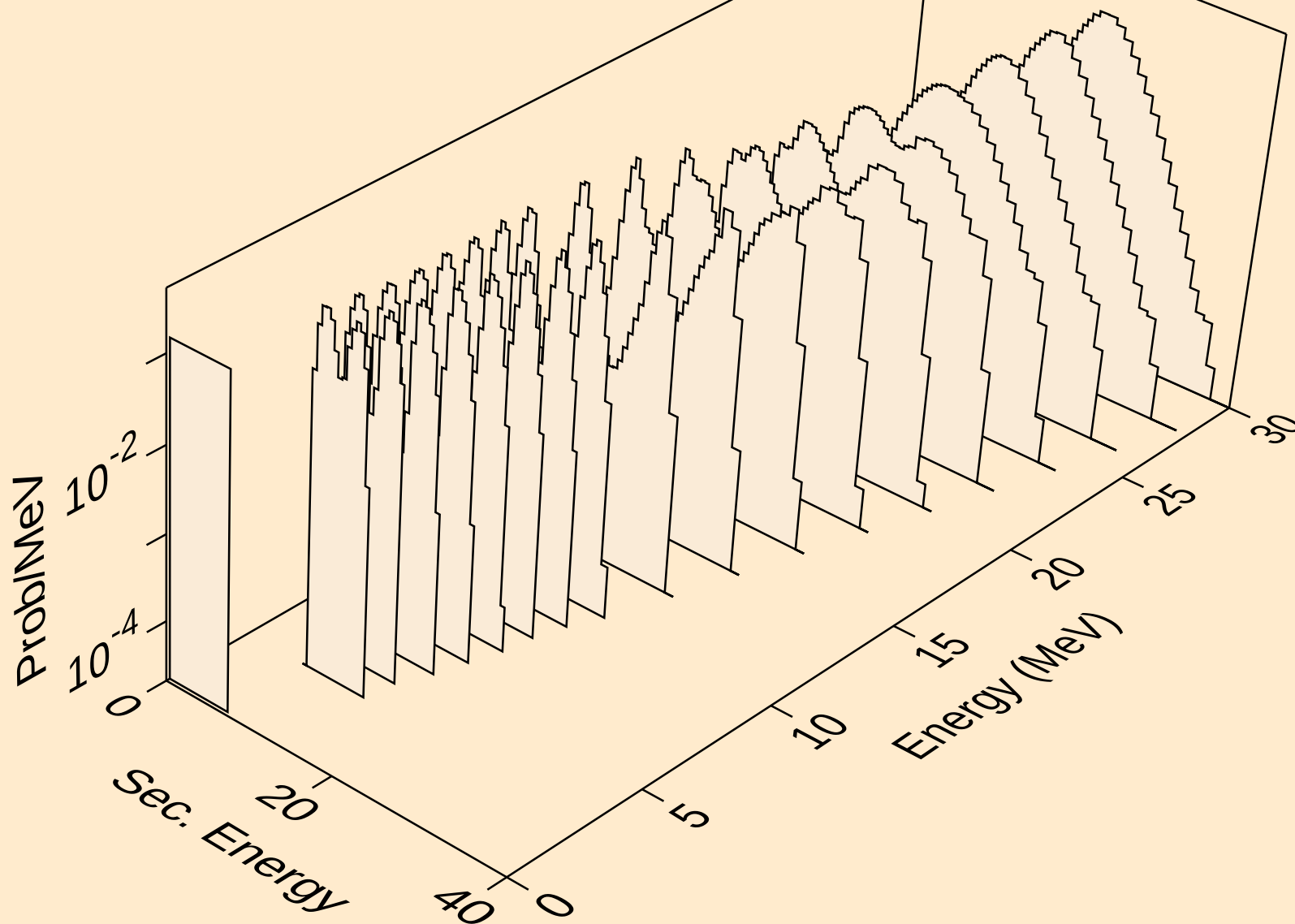
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,npa)



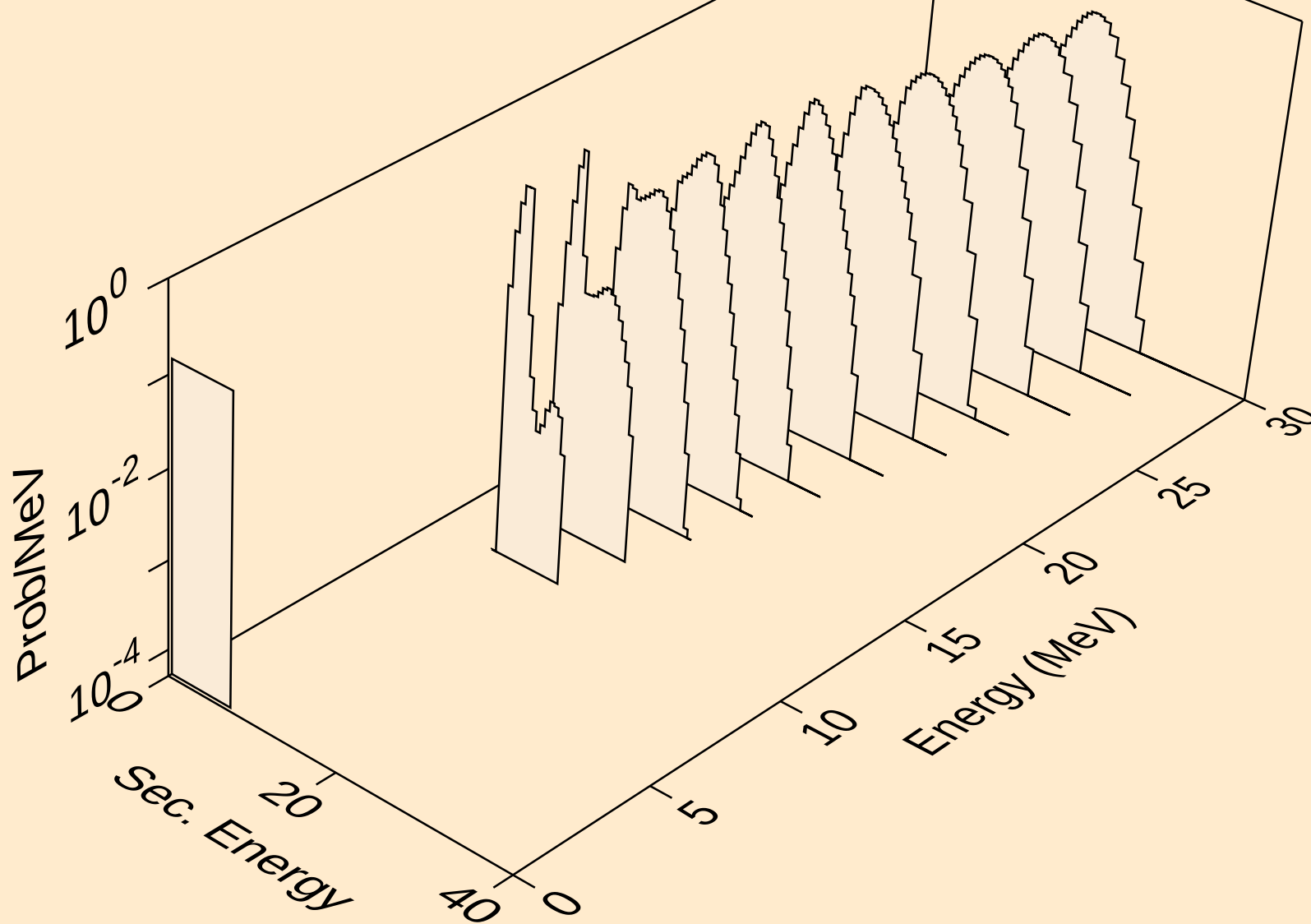
FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)



FR224 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,da)

