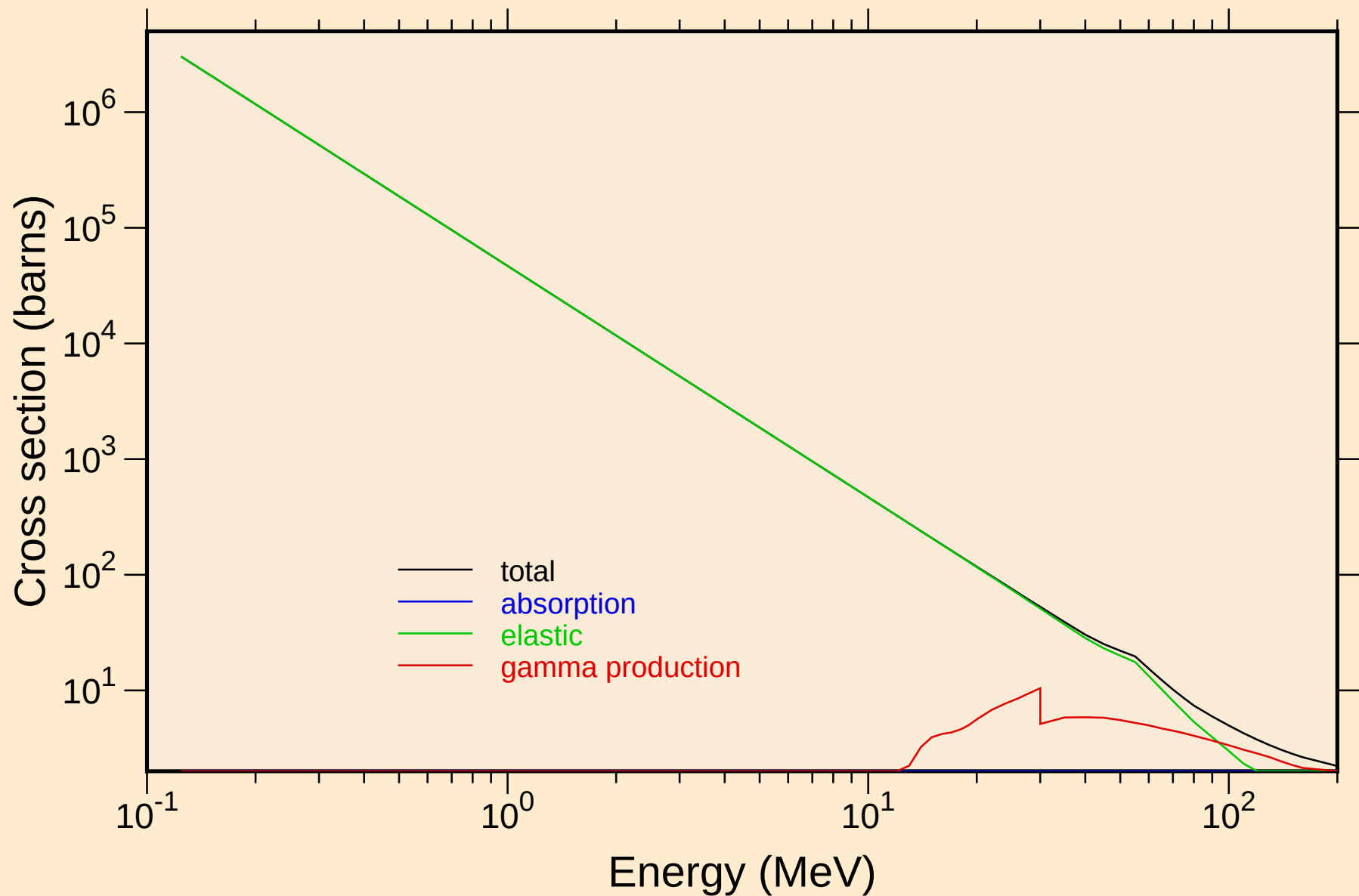


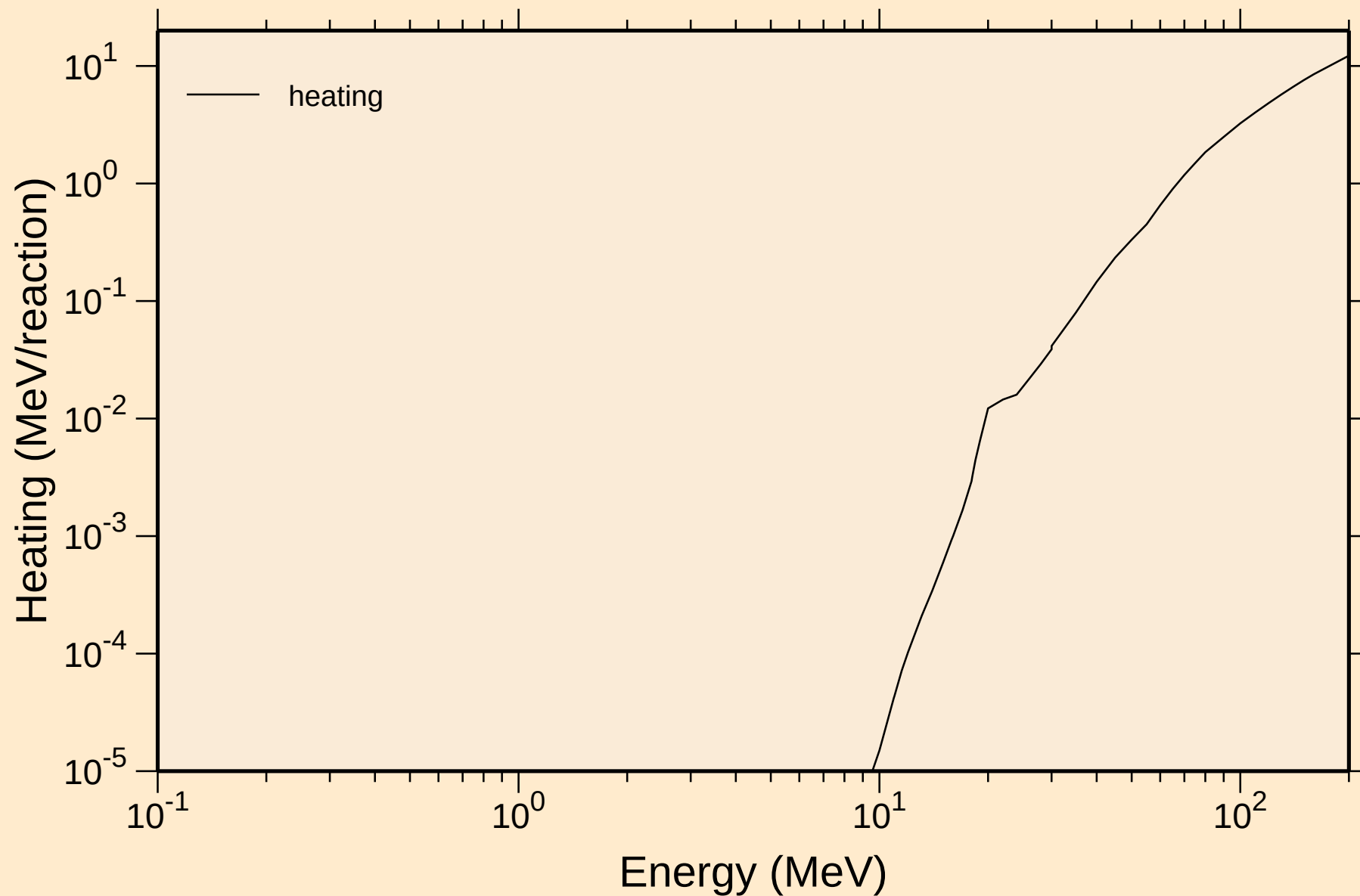
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



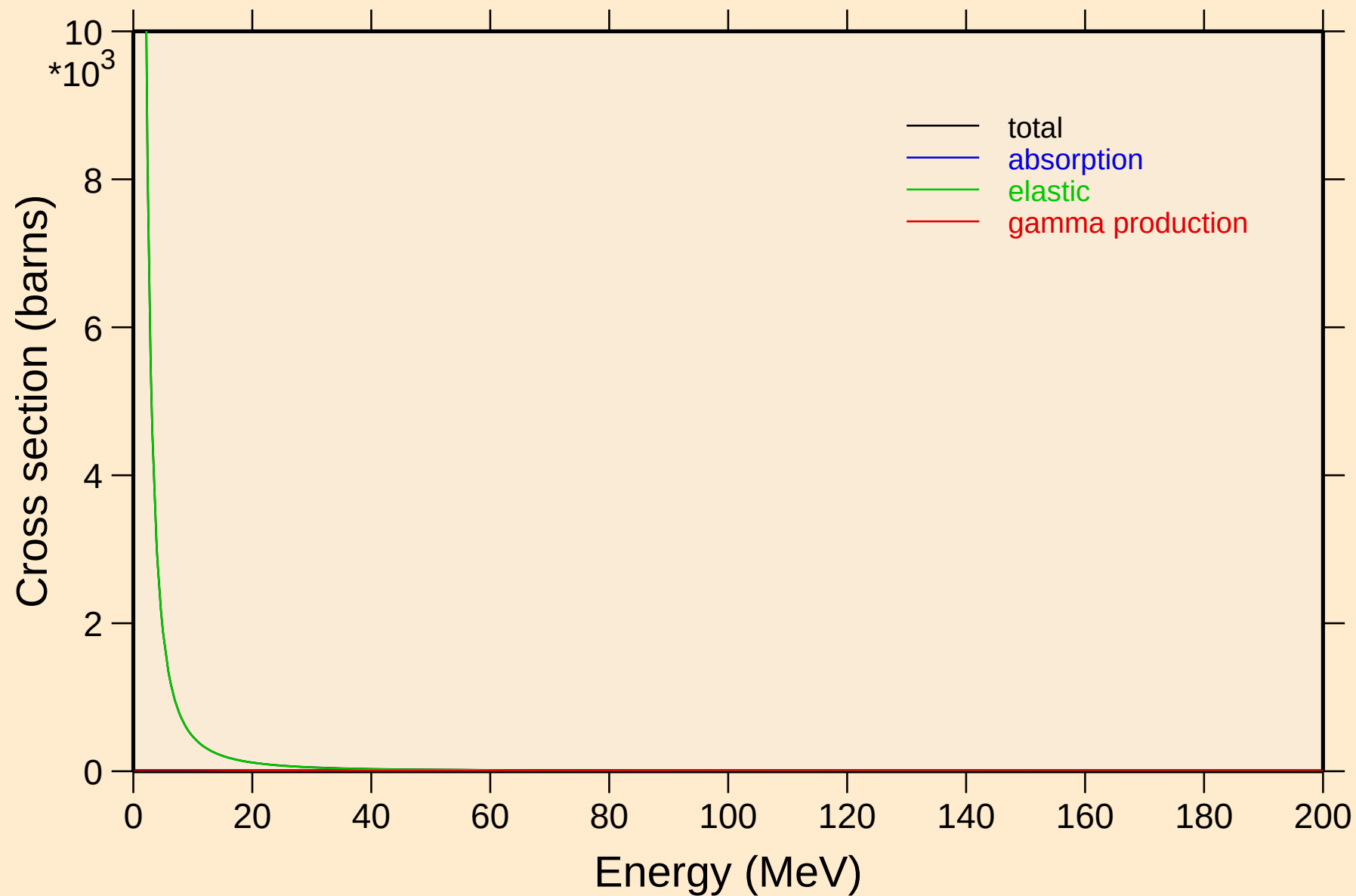
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



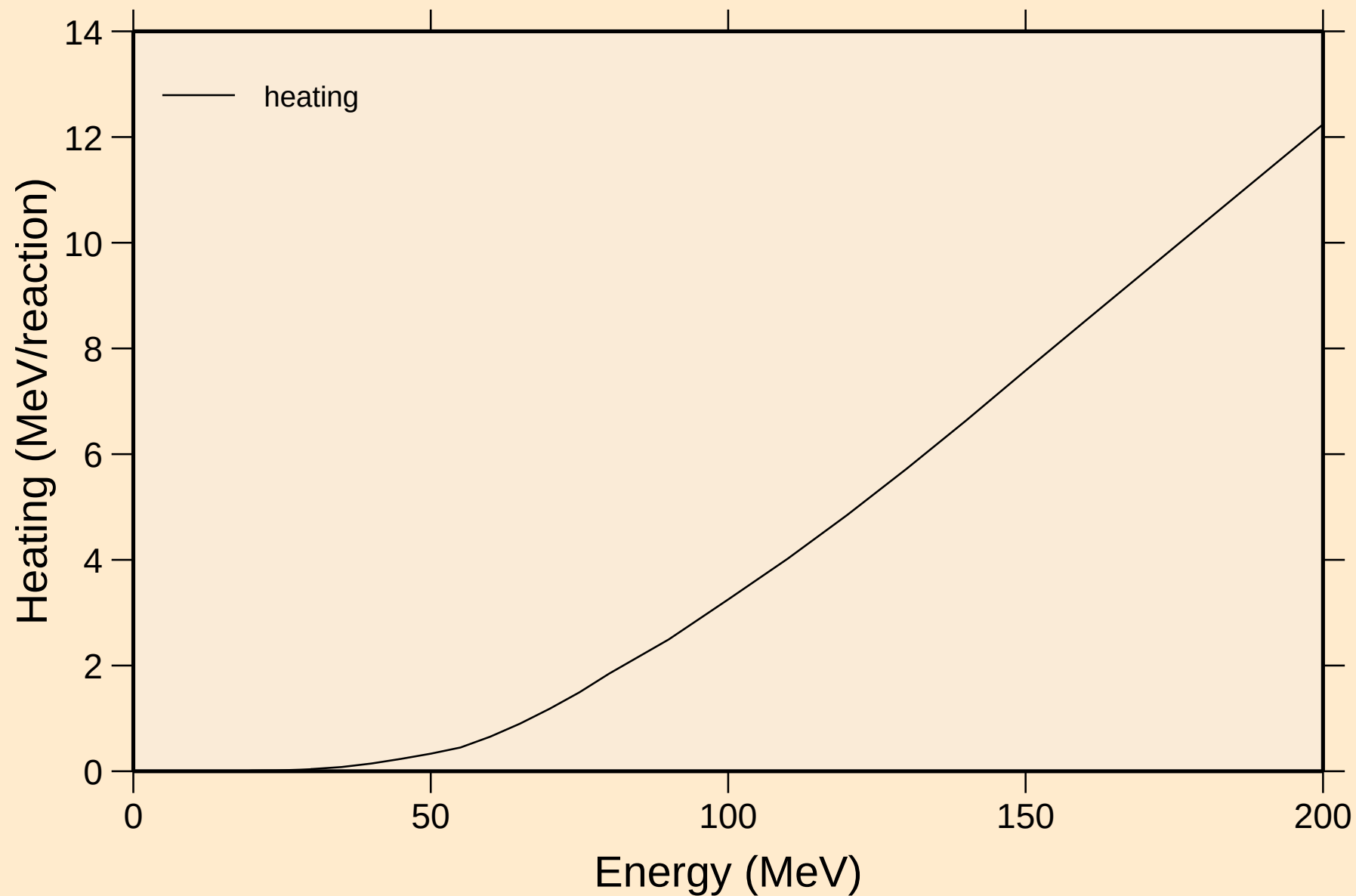
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



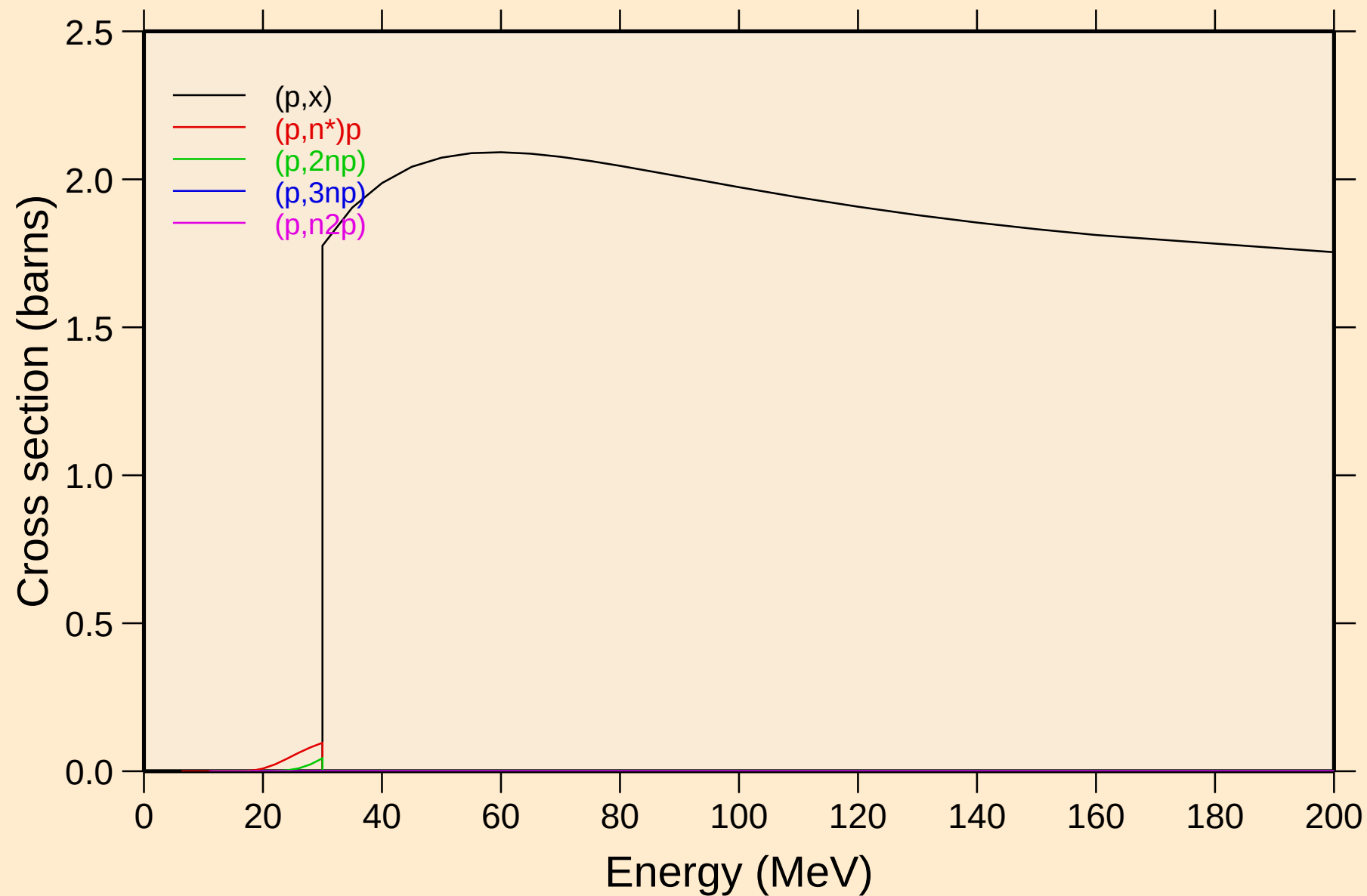
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



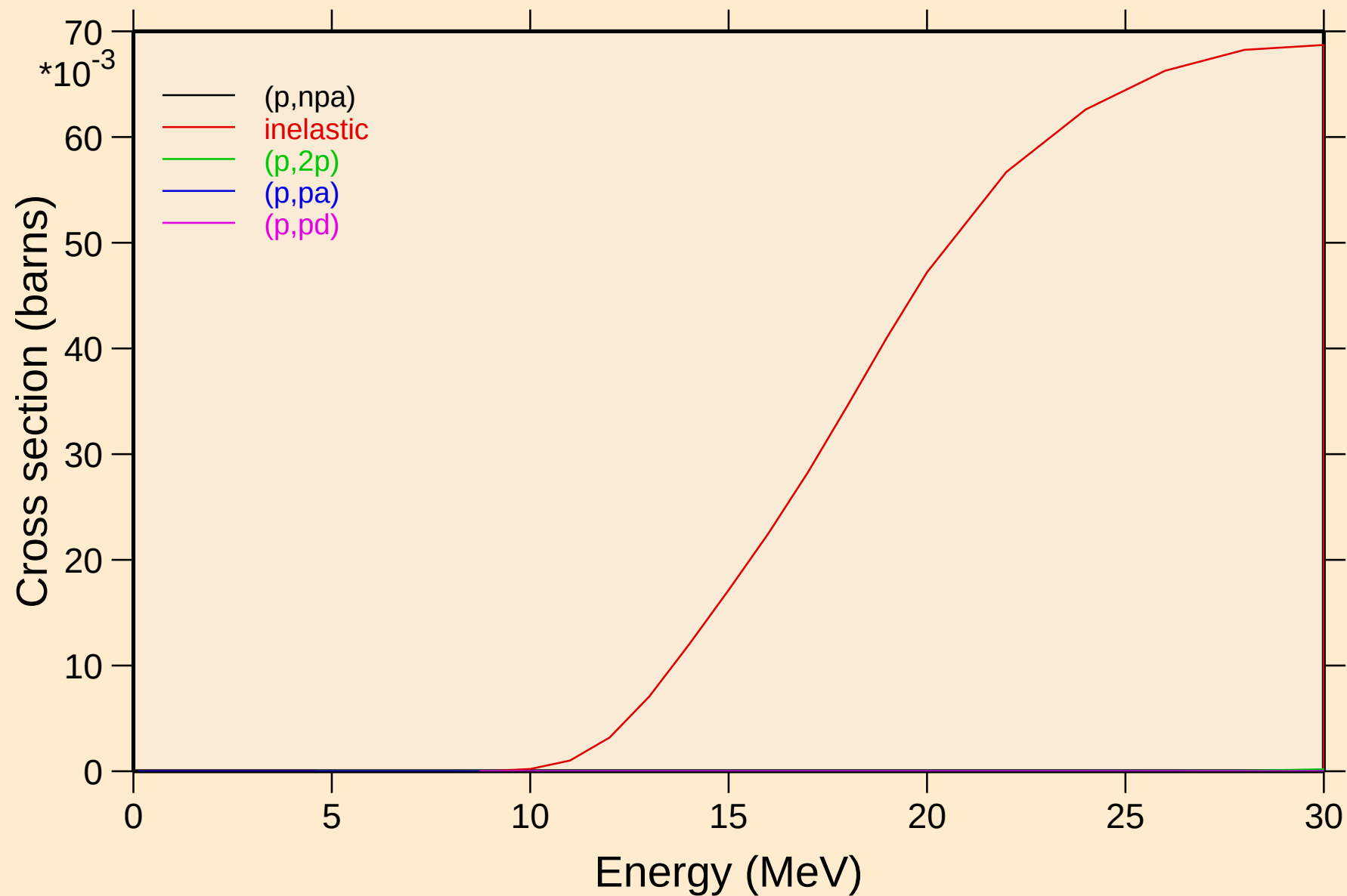
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



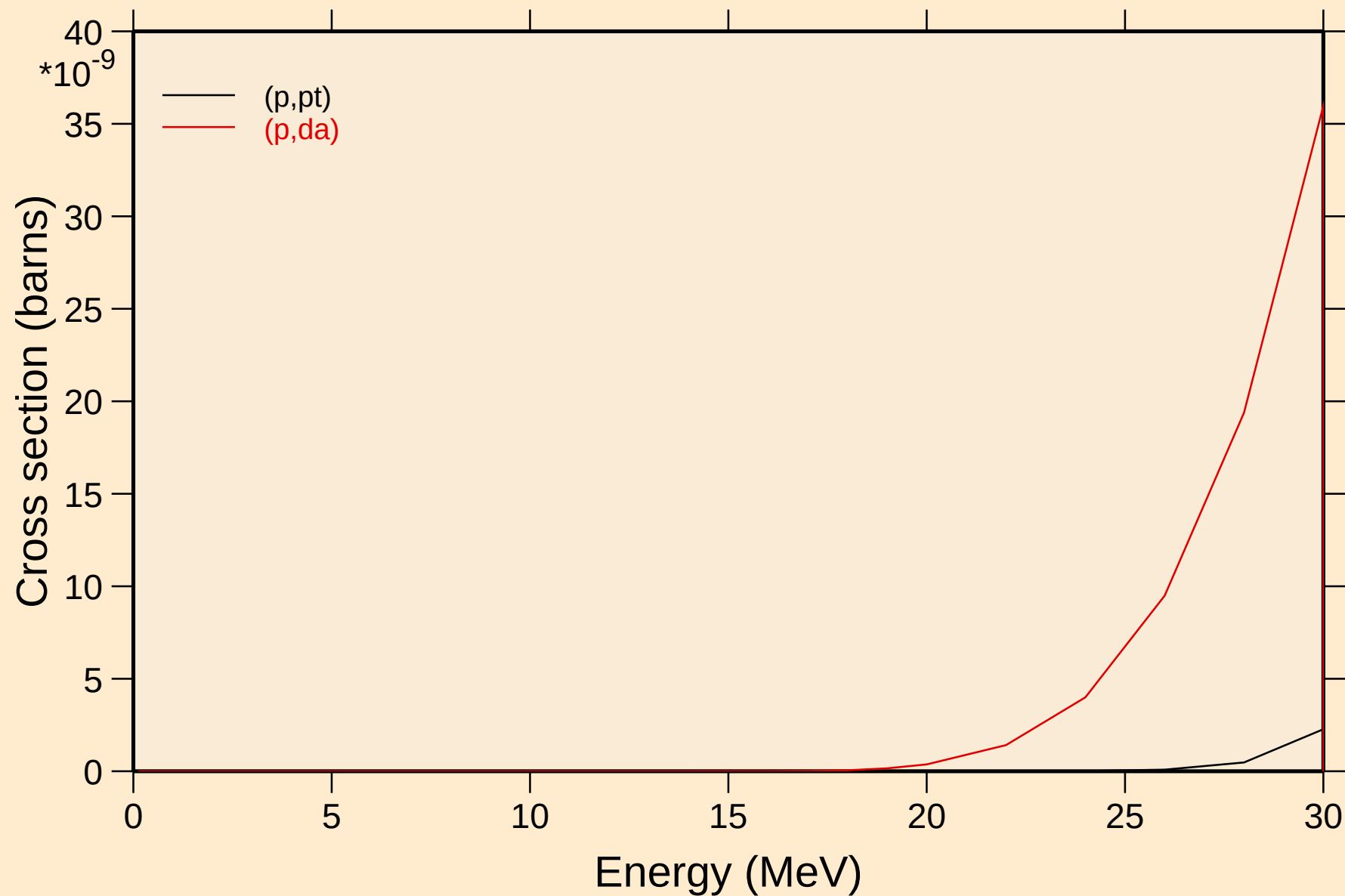
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

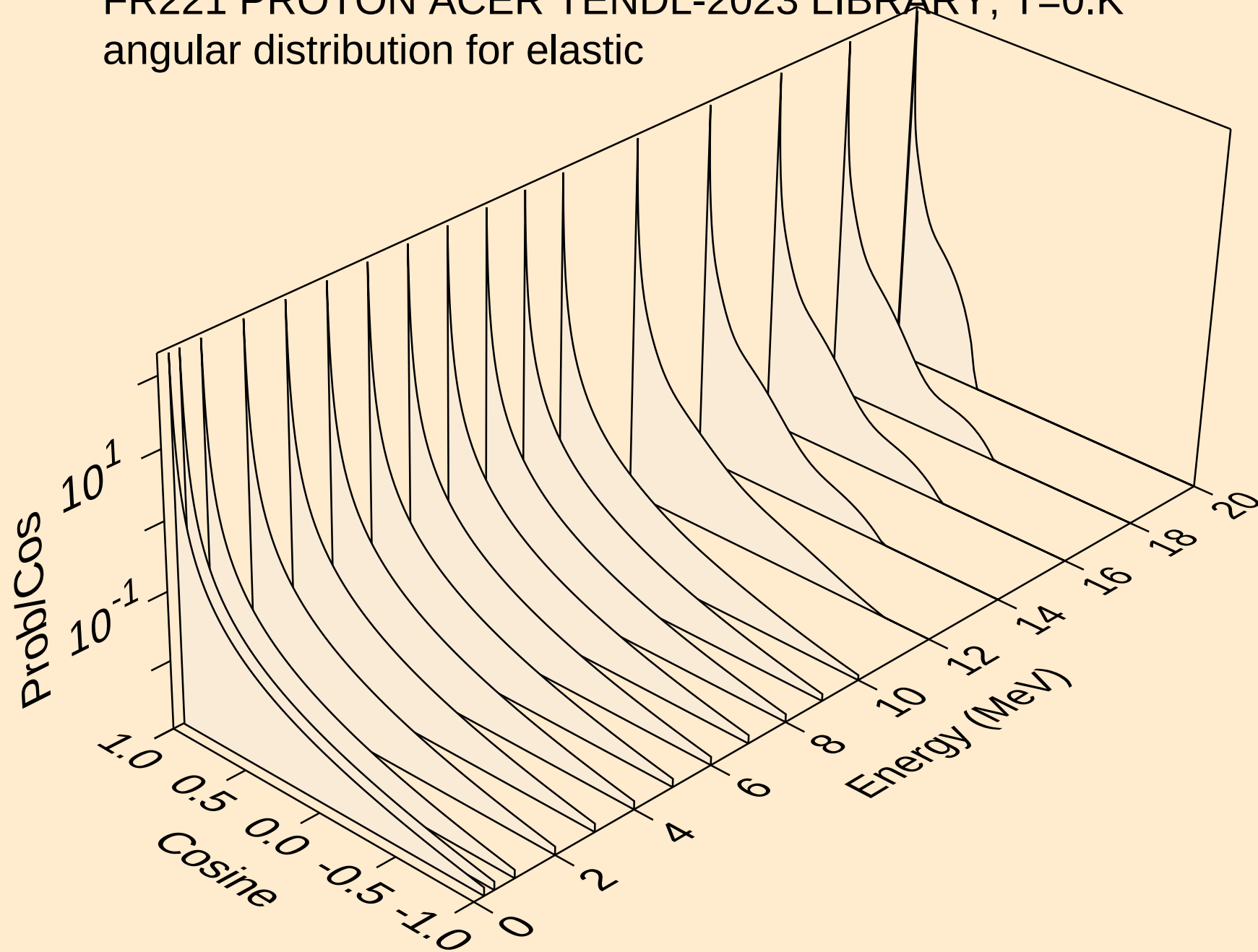


FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

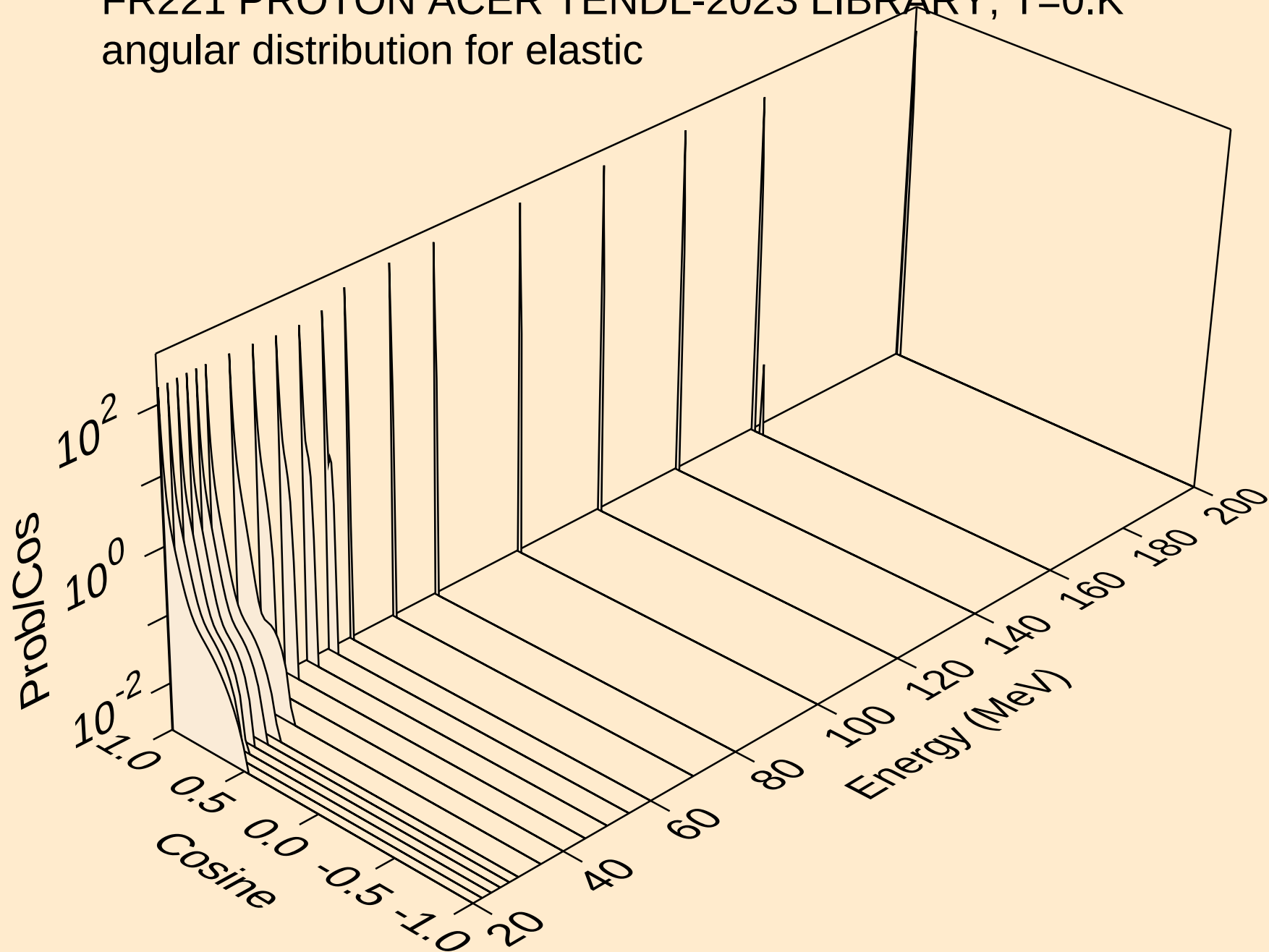
Threshold reactions



FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

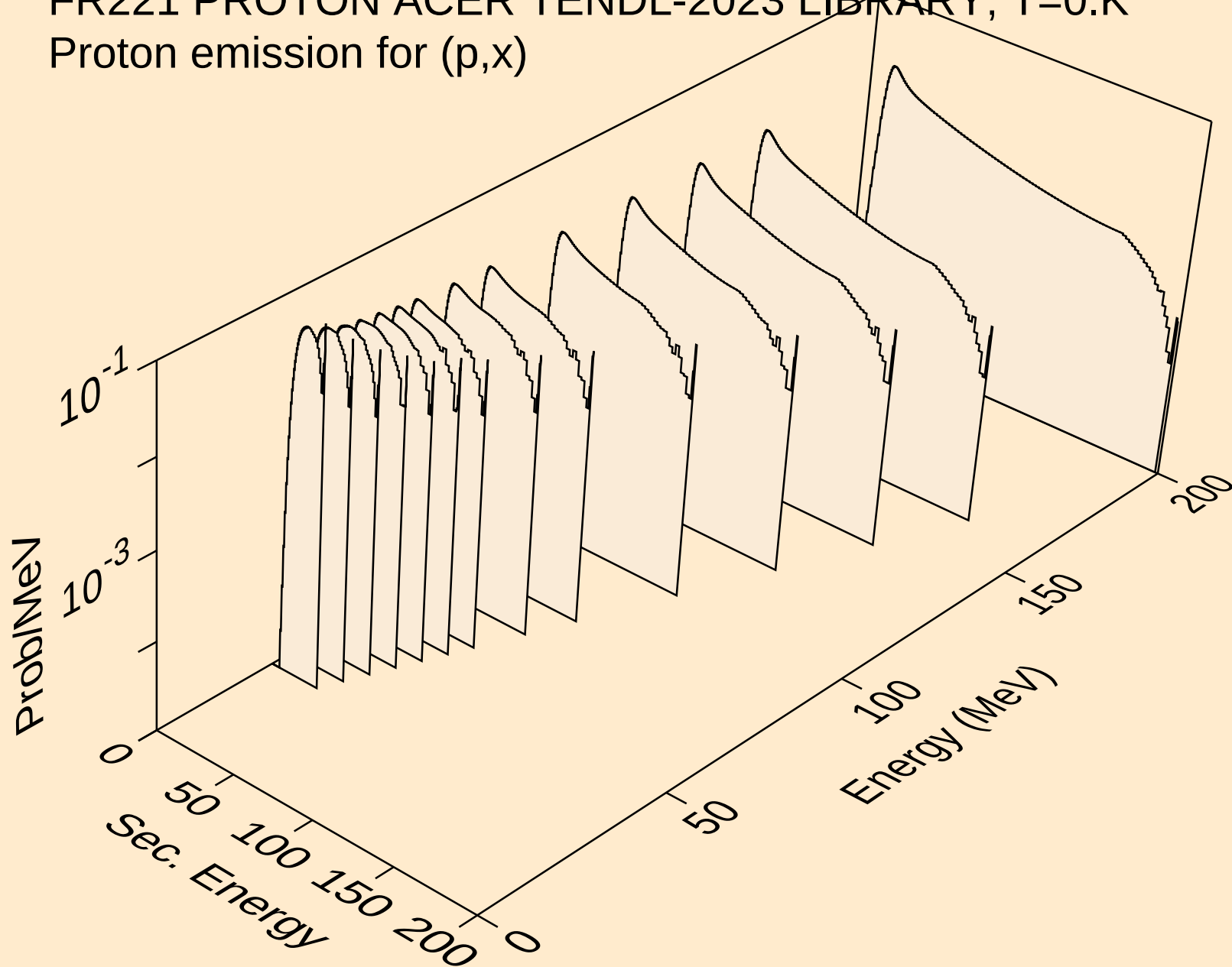


FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



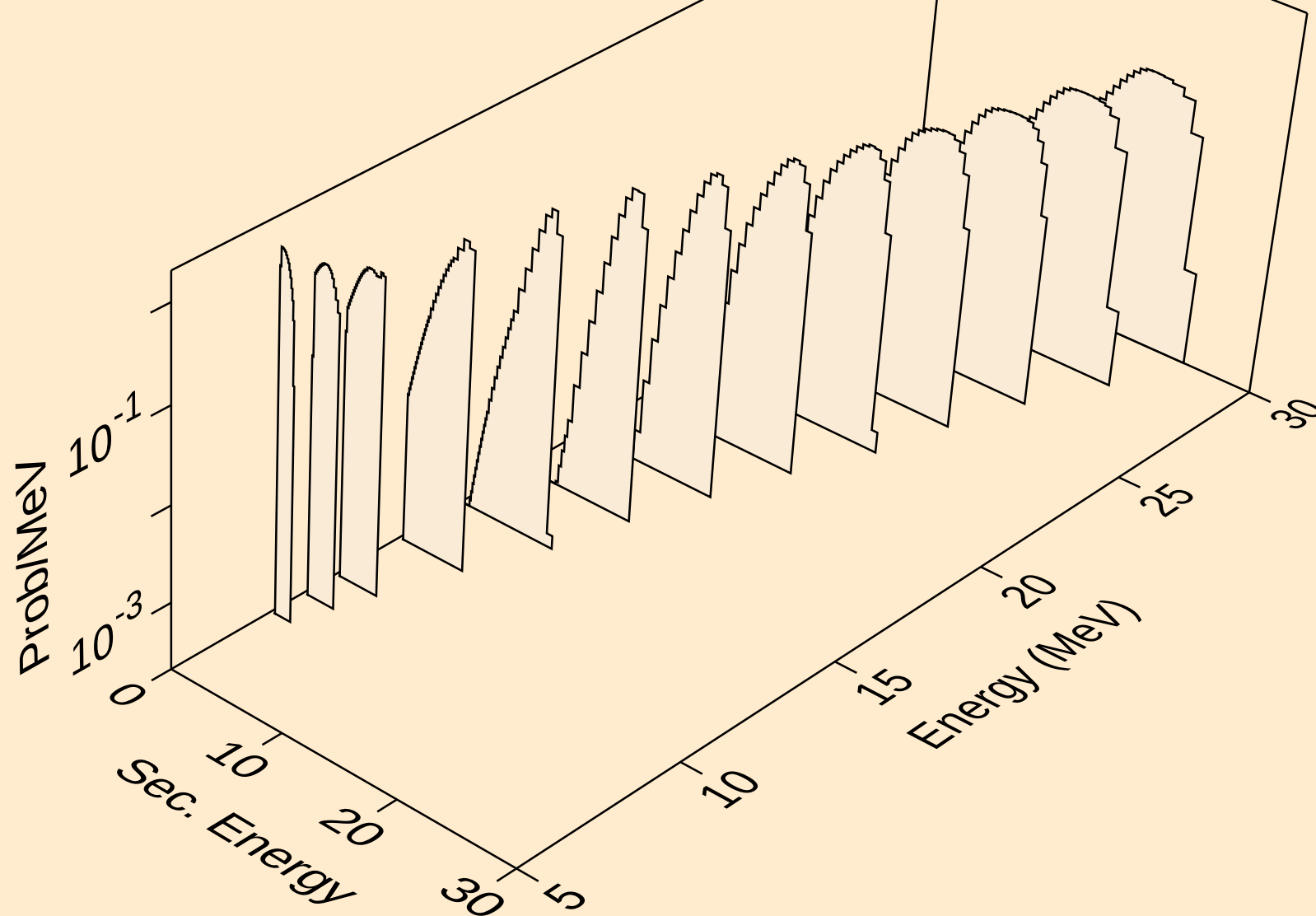
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,x)

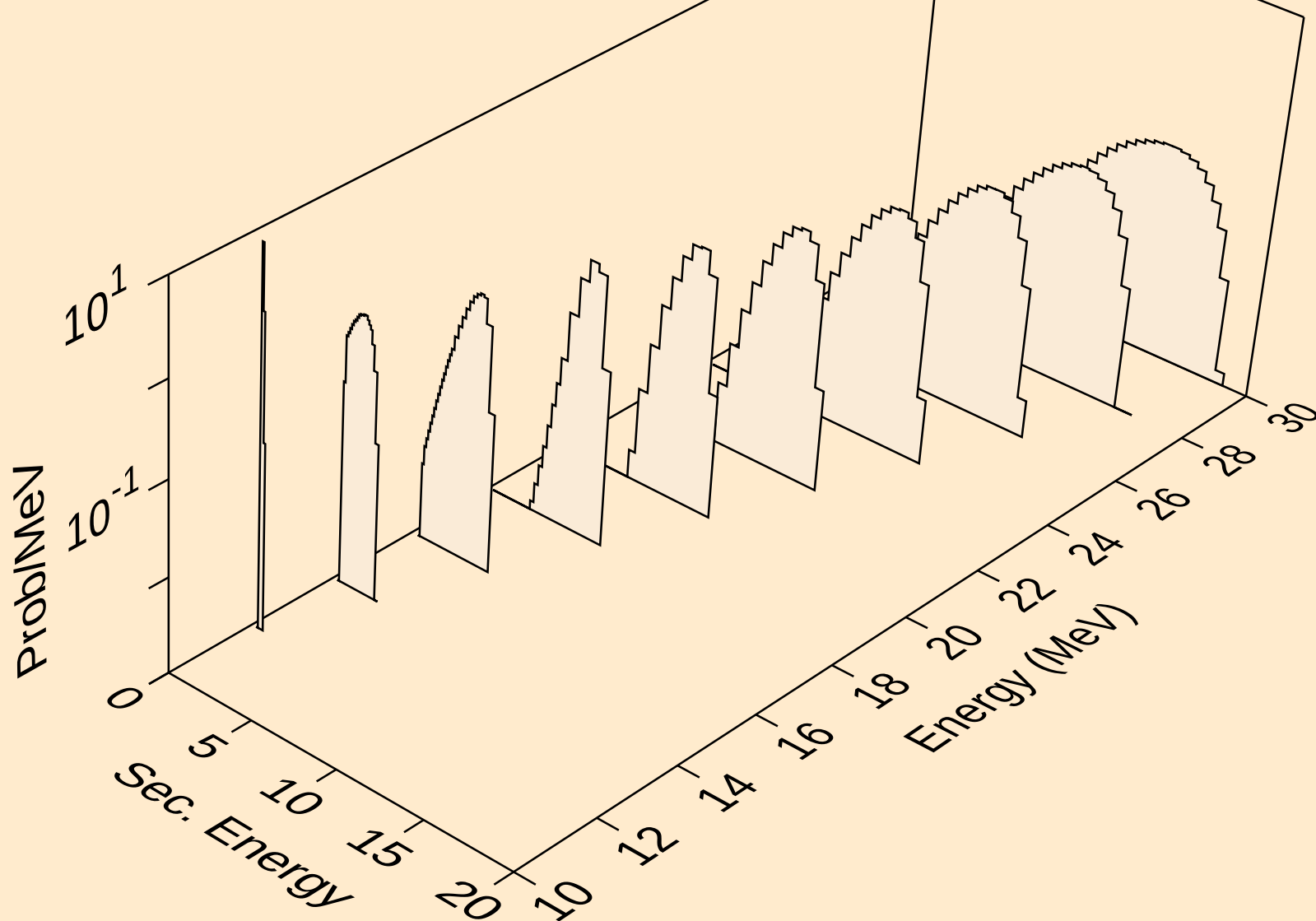


FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

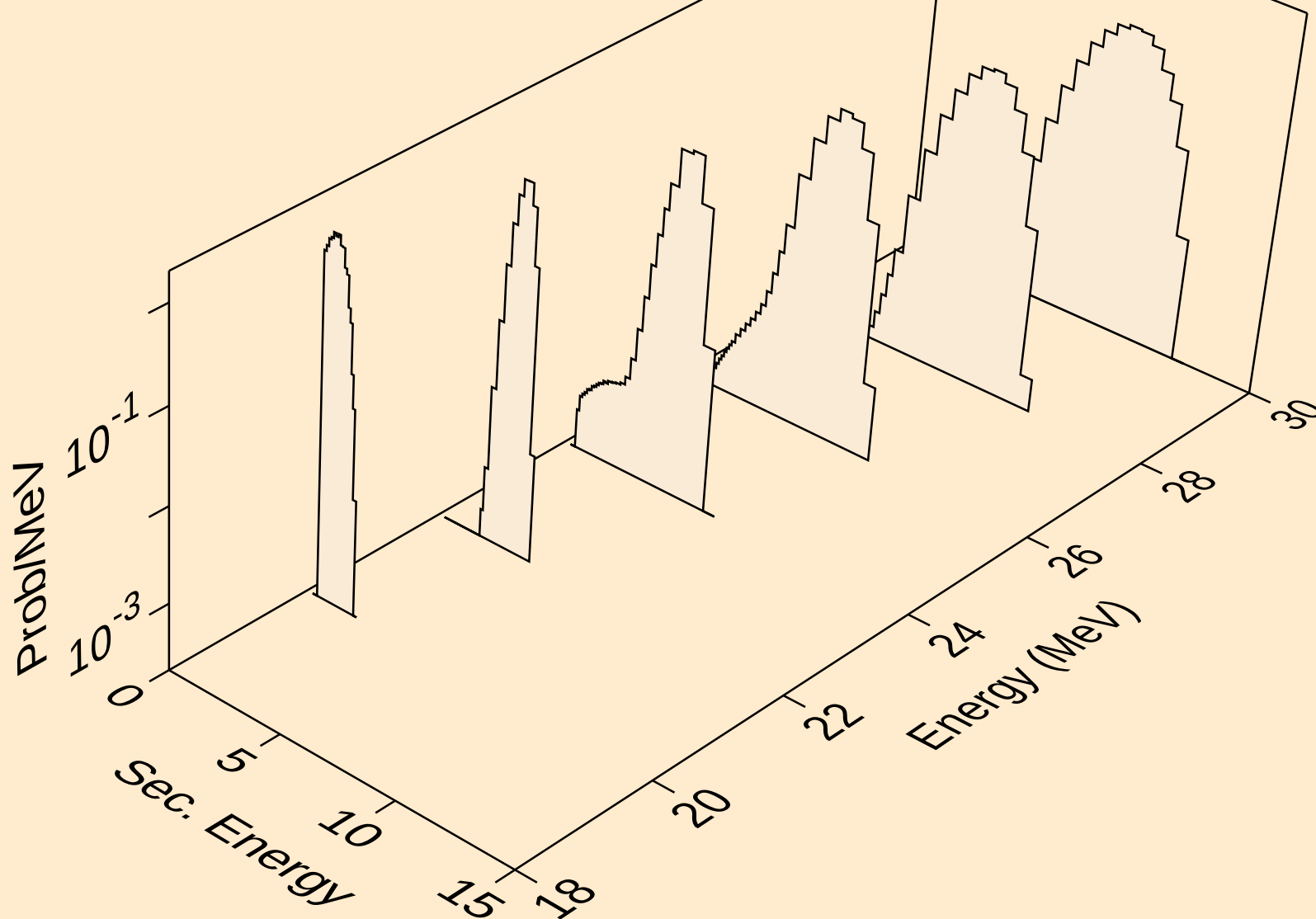
Proton emission for (p,n*)p



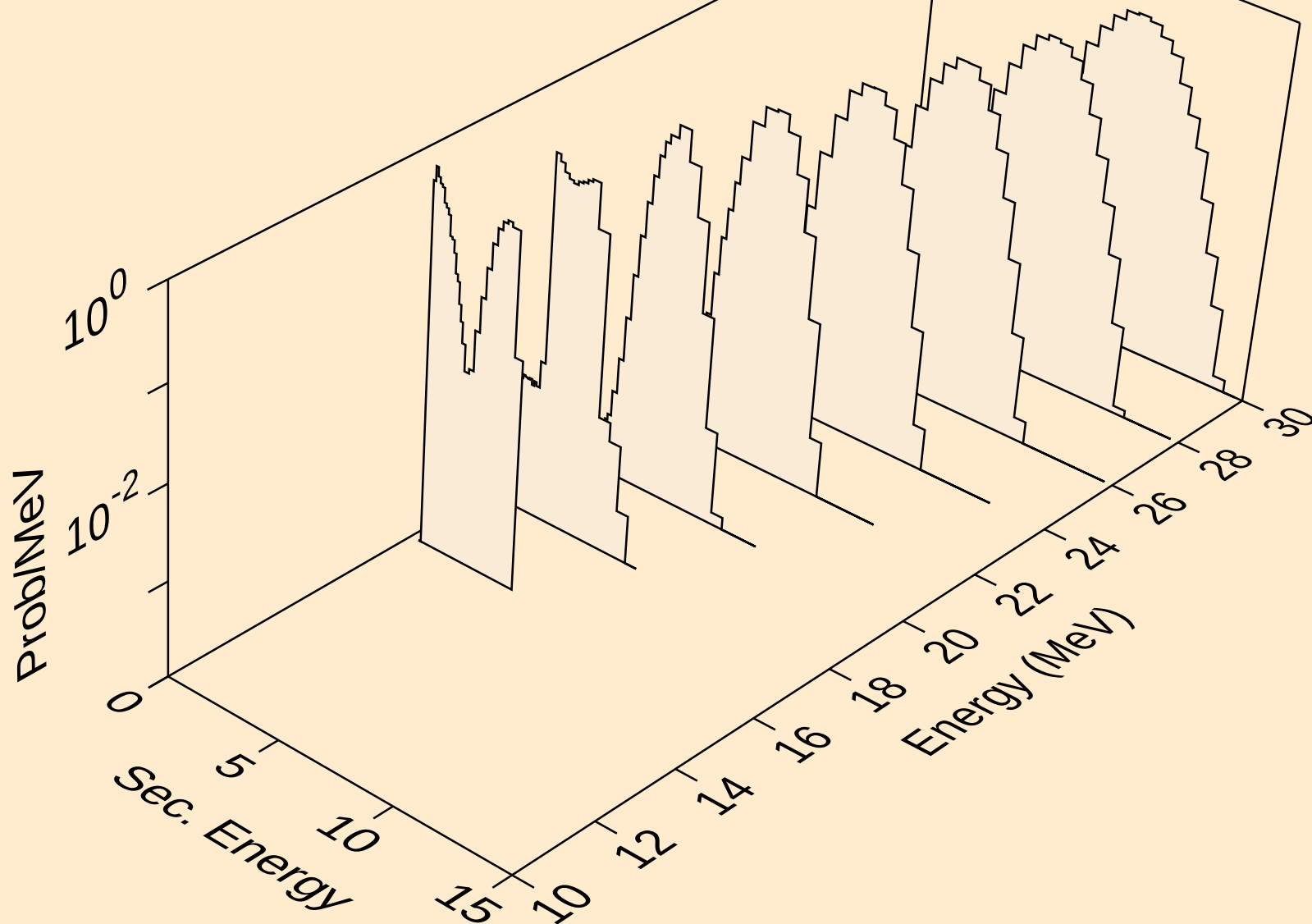
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



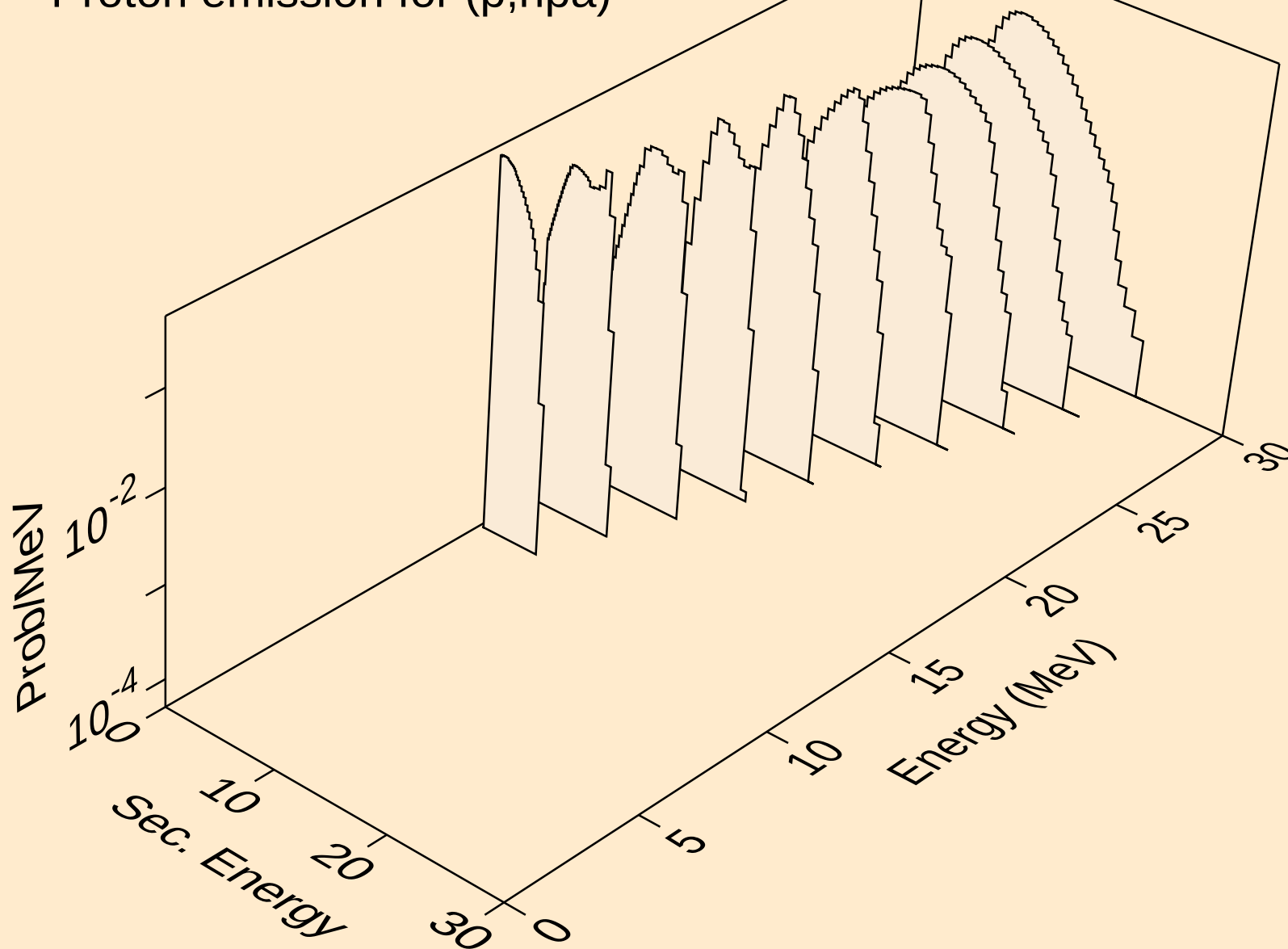
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)



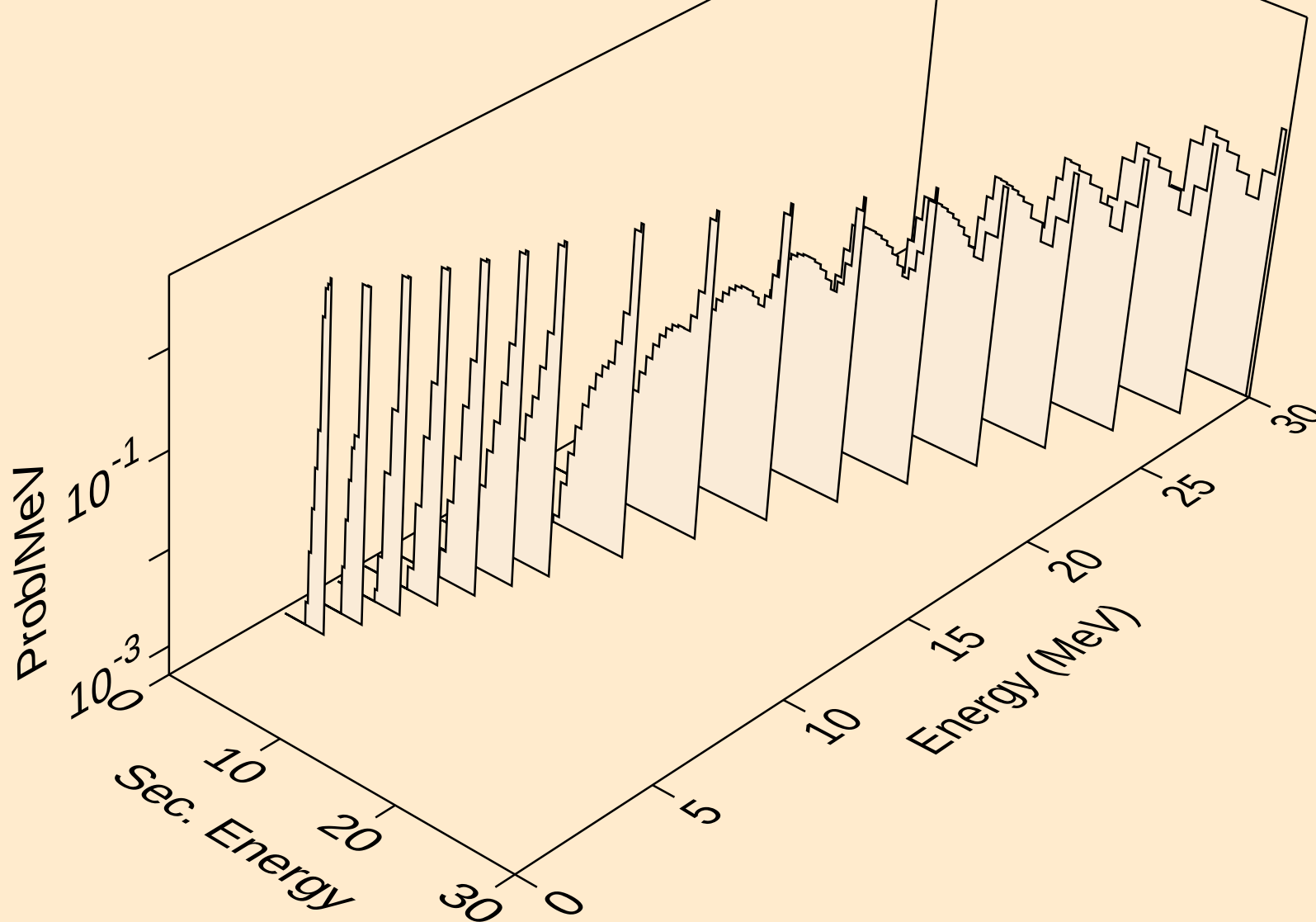
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



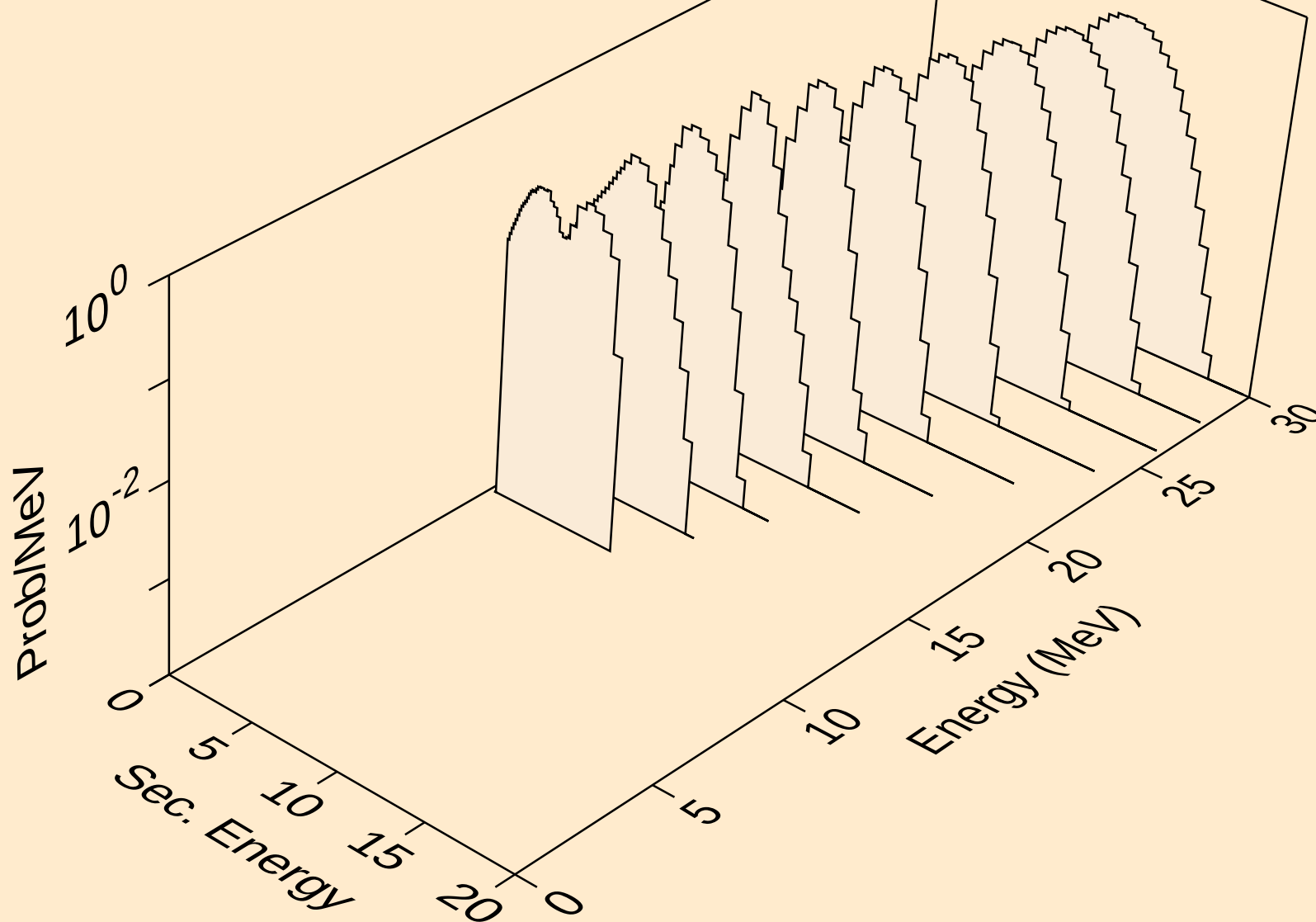
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)



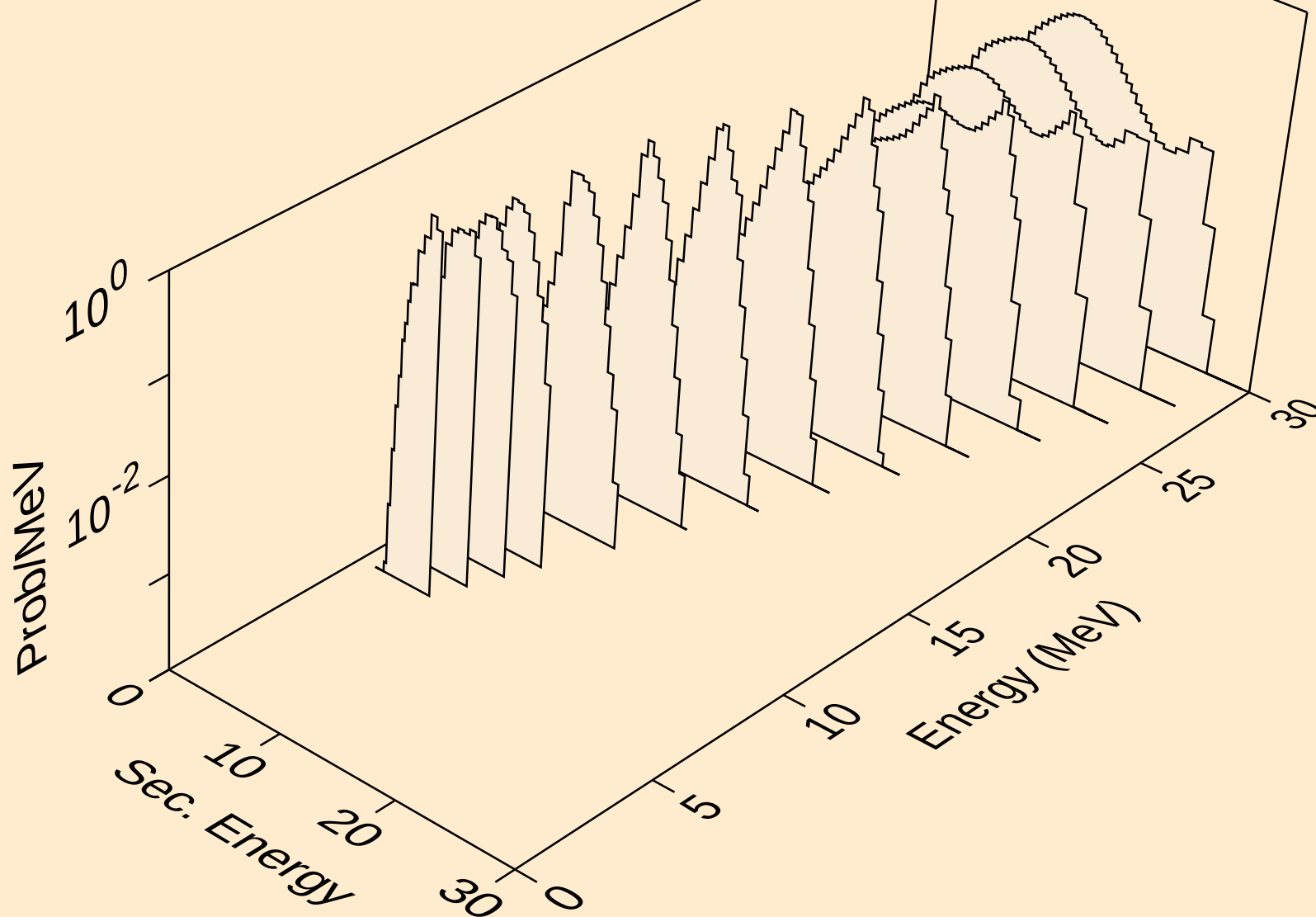
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2p)

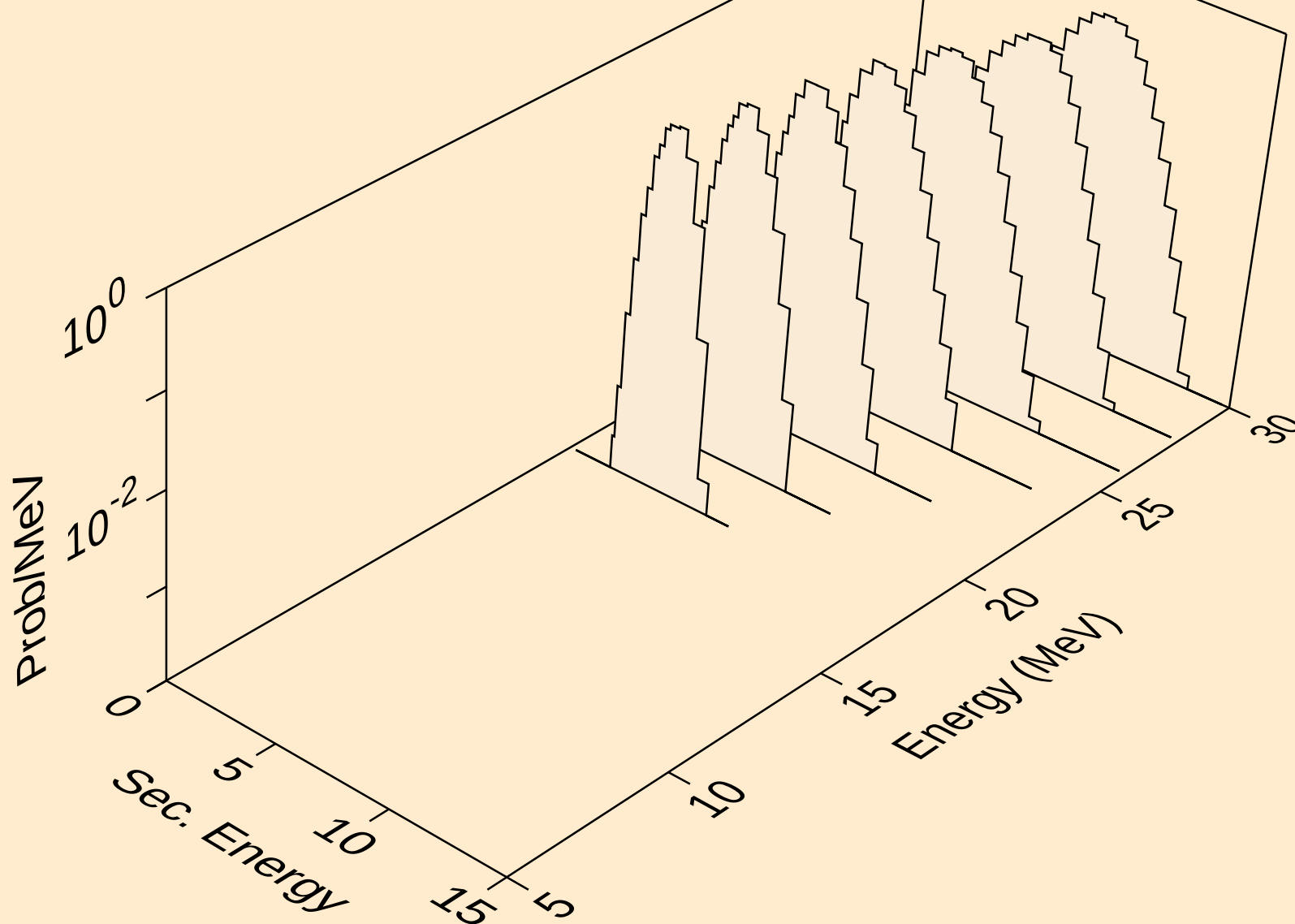


FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pa)



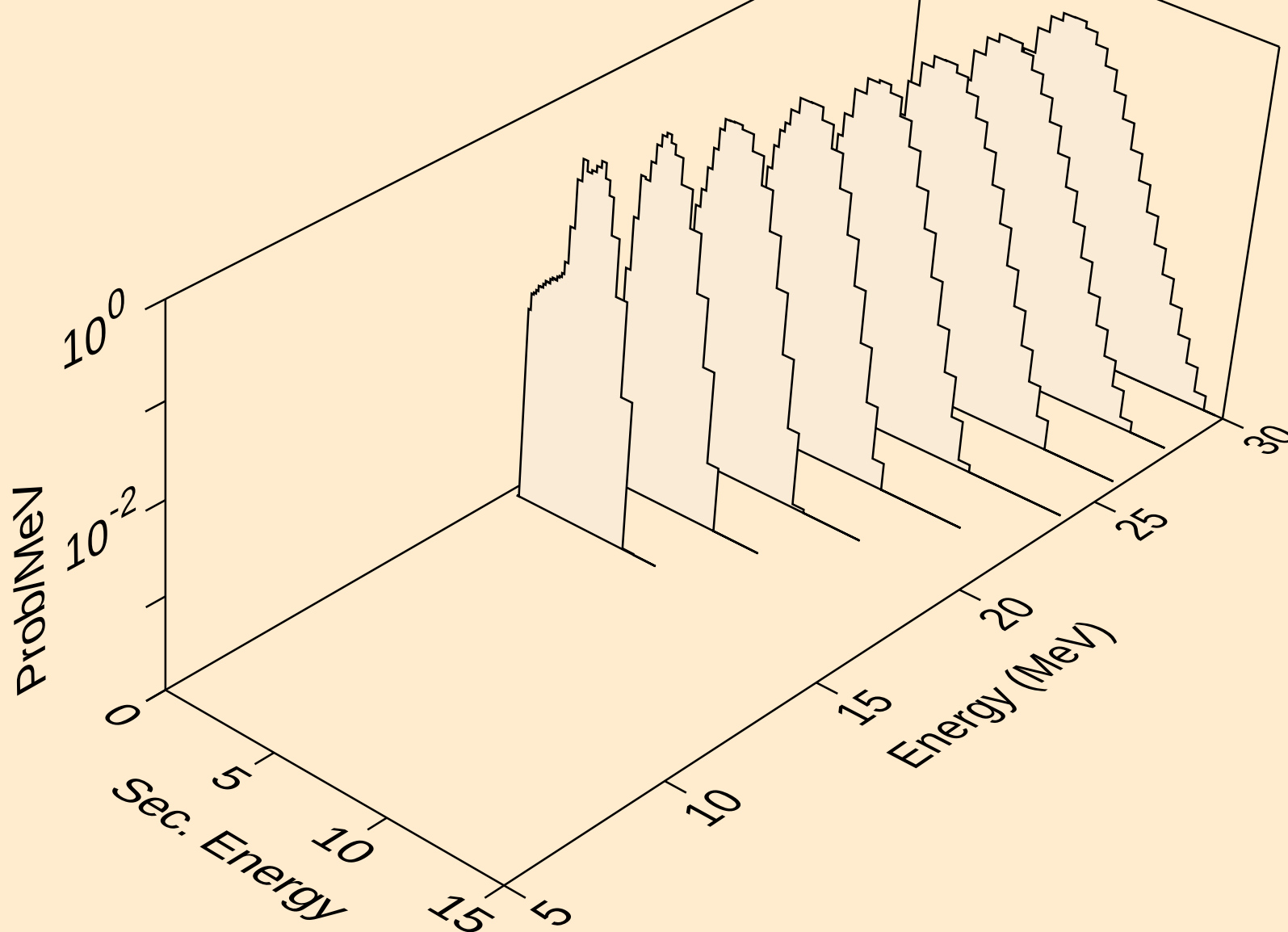
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pd)

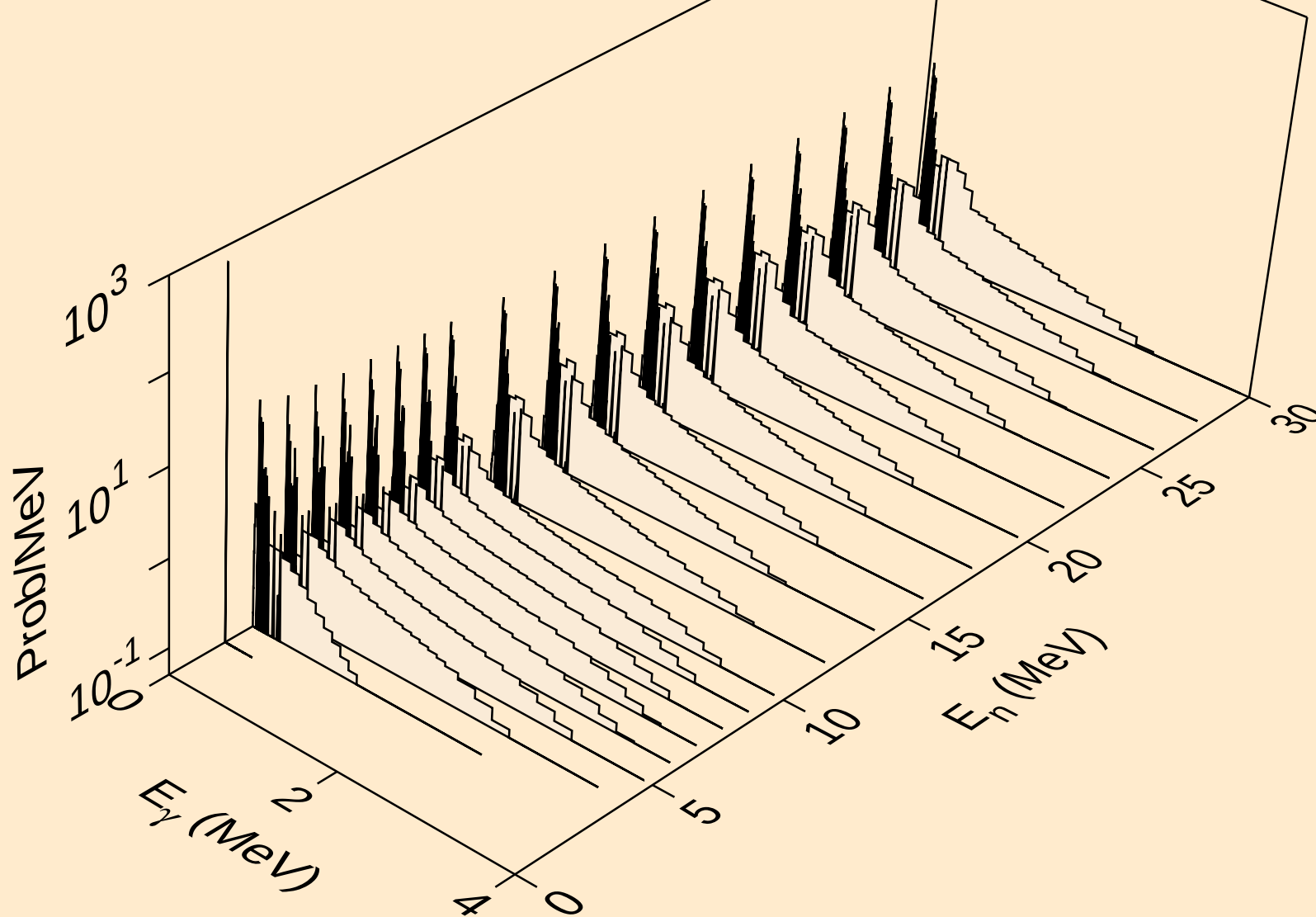


FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pt)

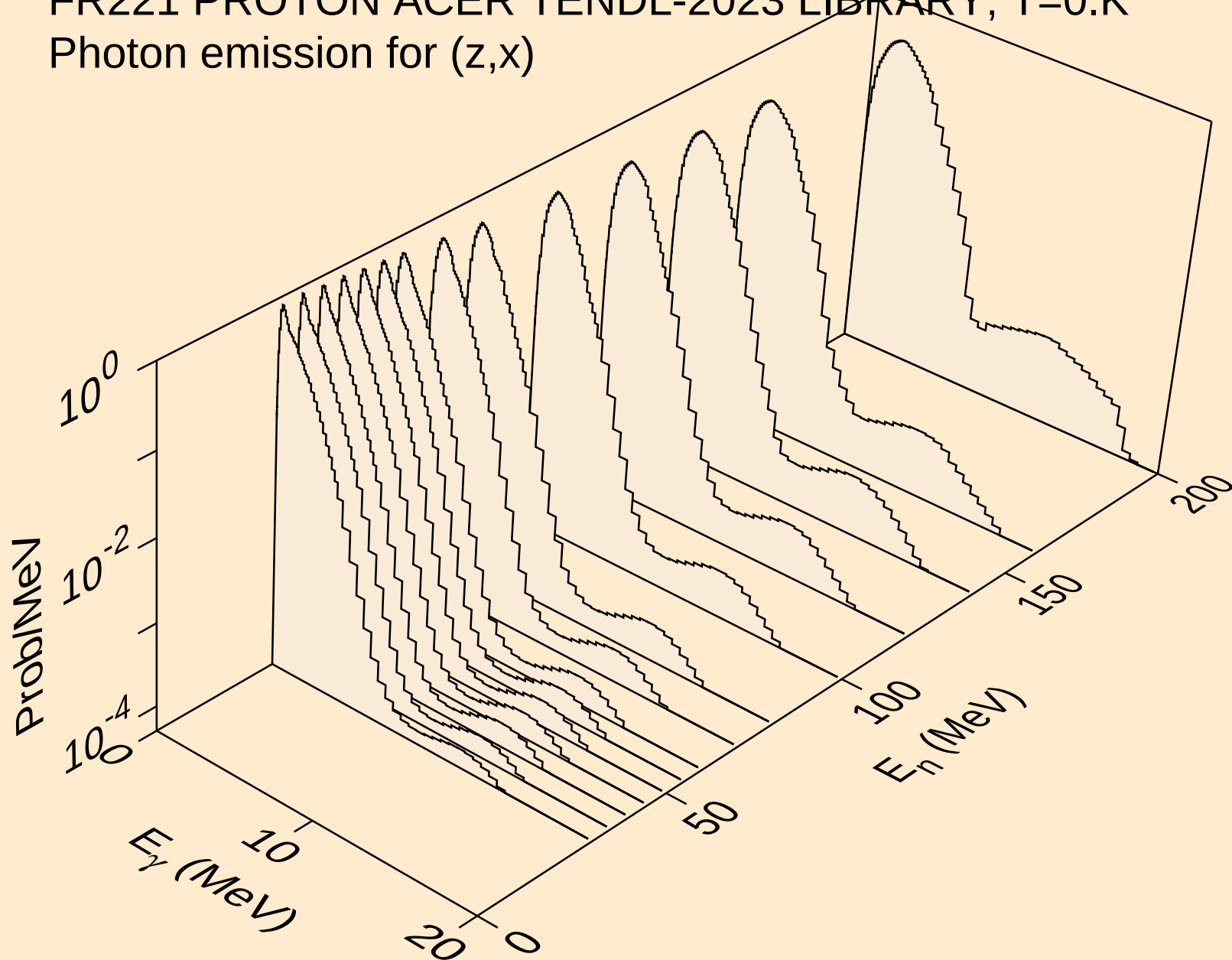


FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (z,n)

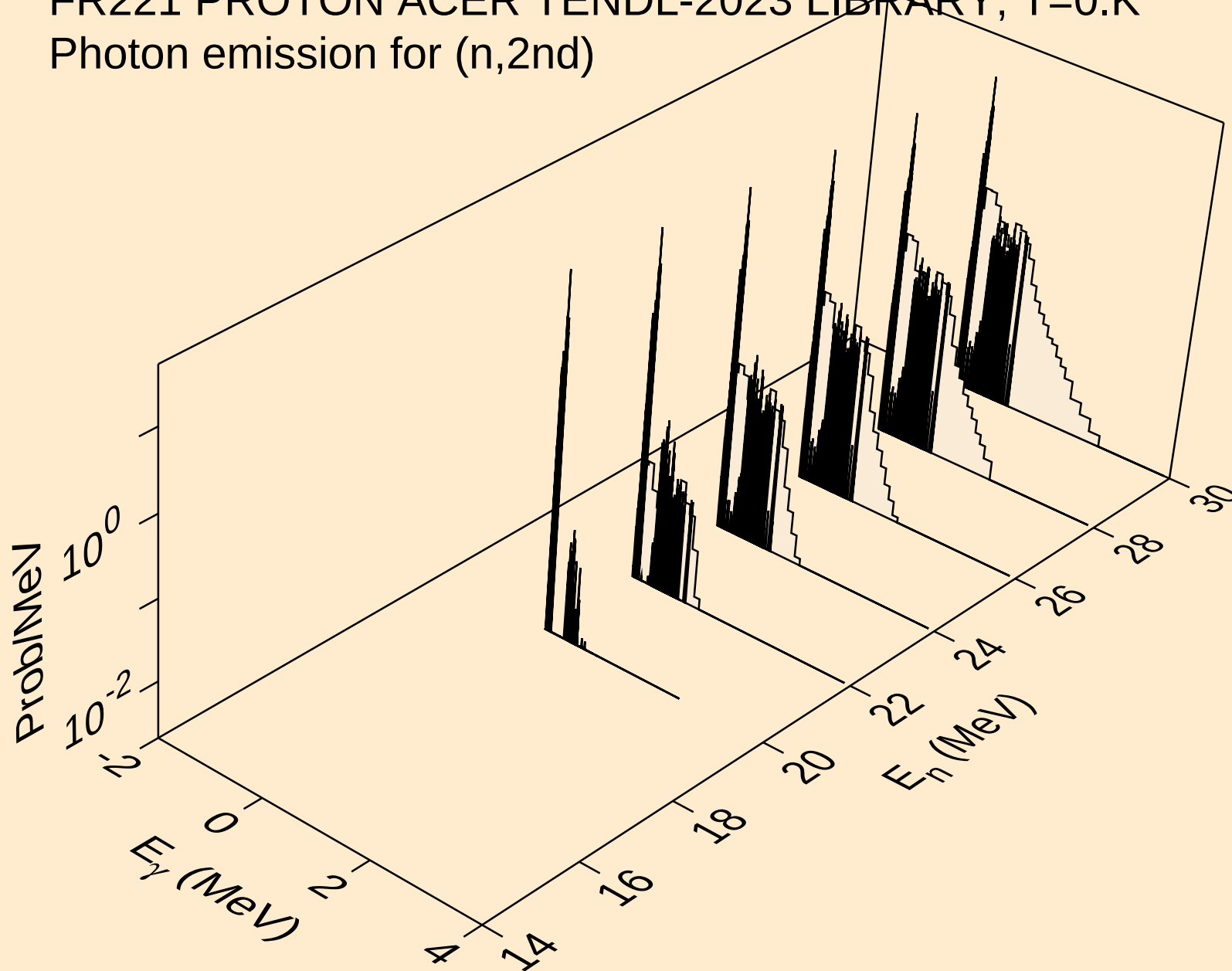


FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

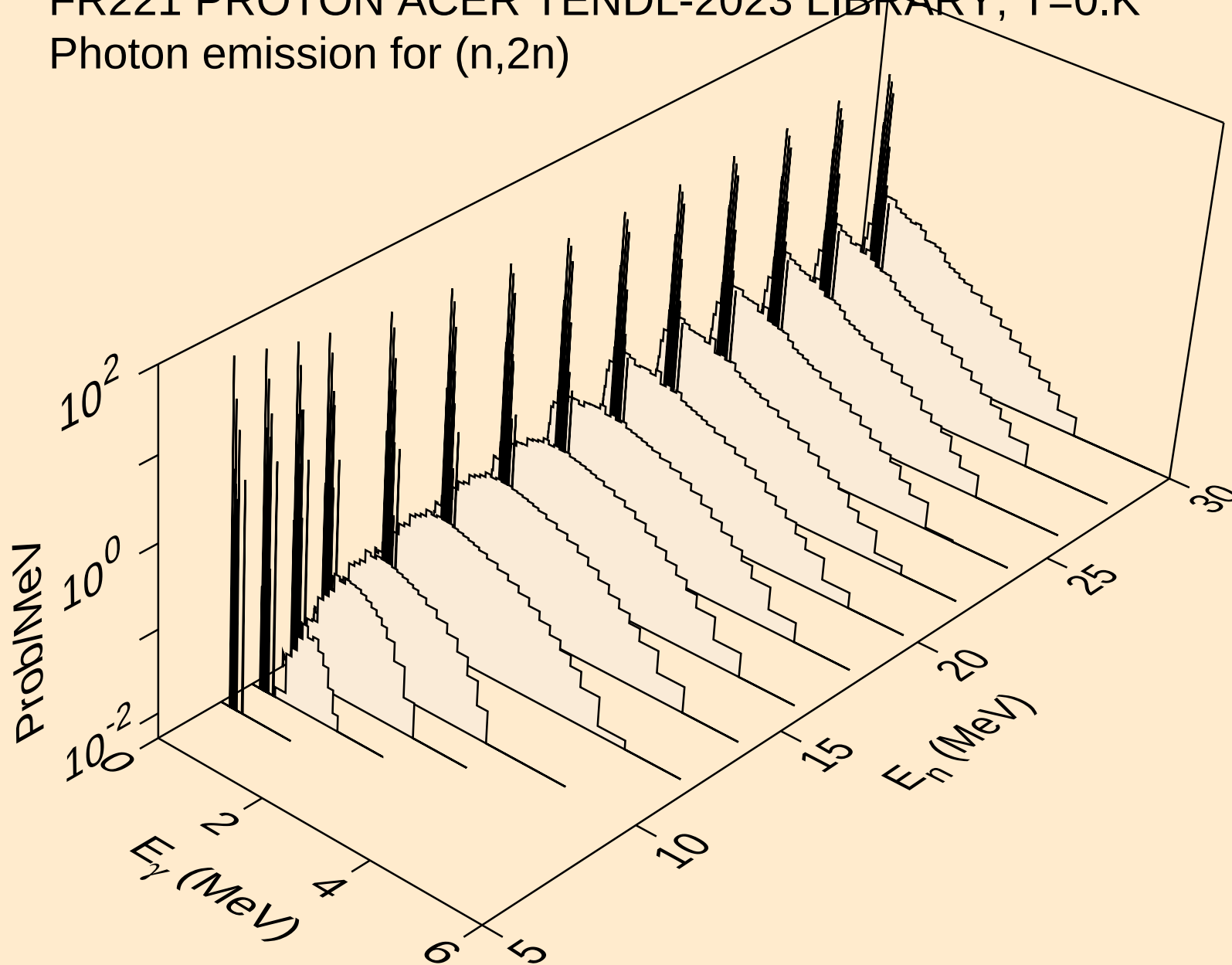
Photon emission for (z,x)



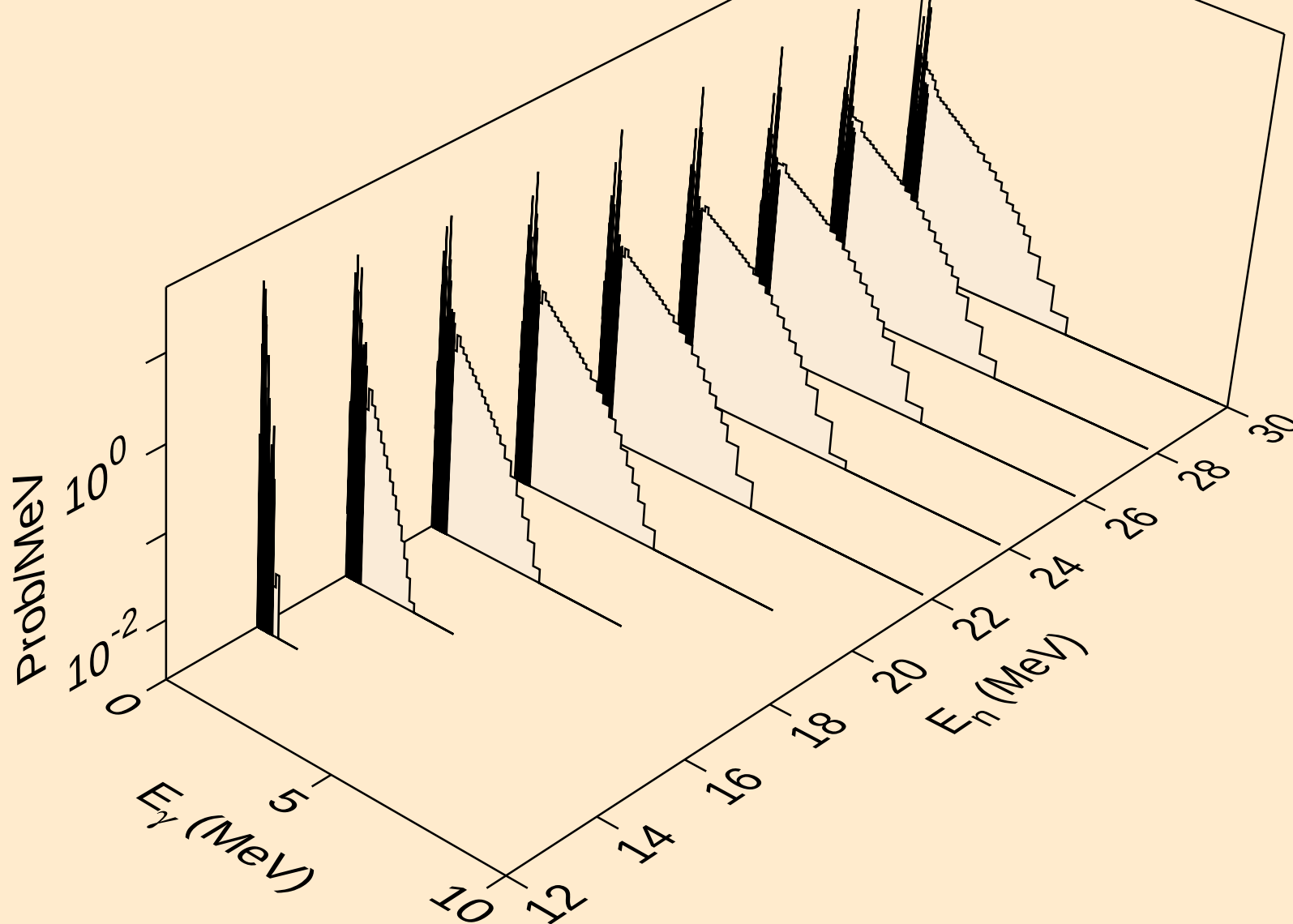
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2n)

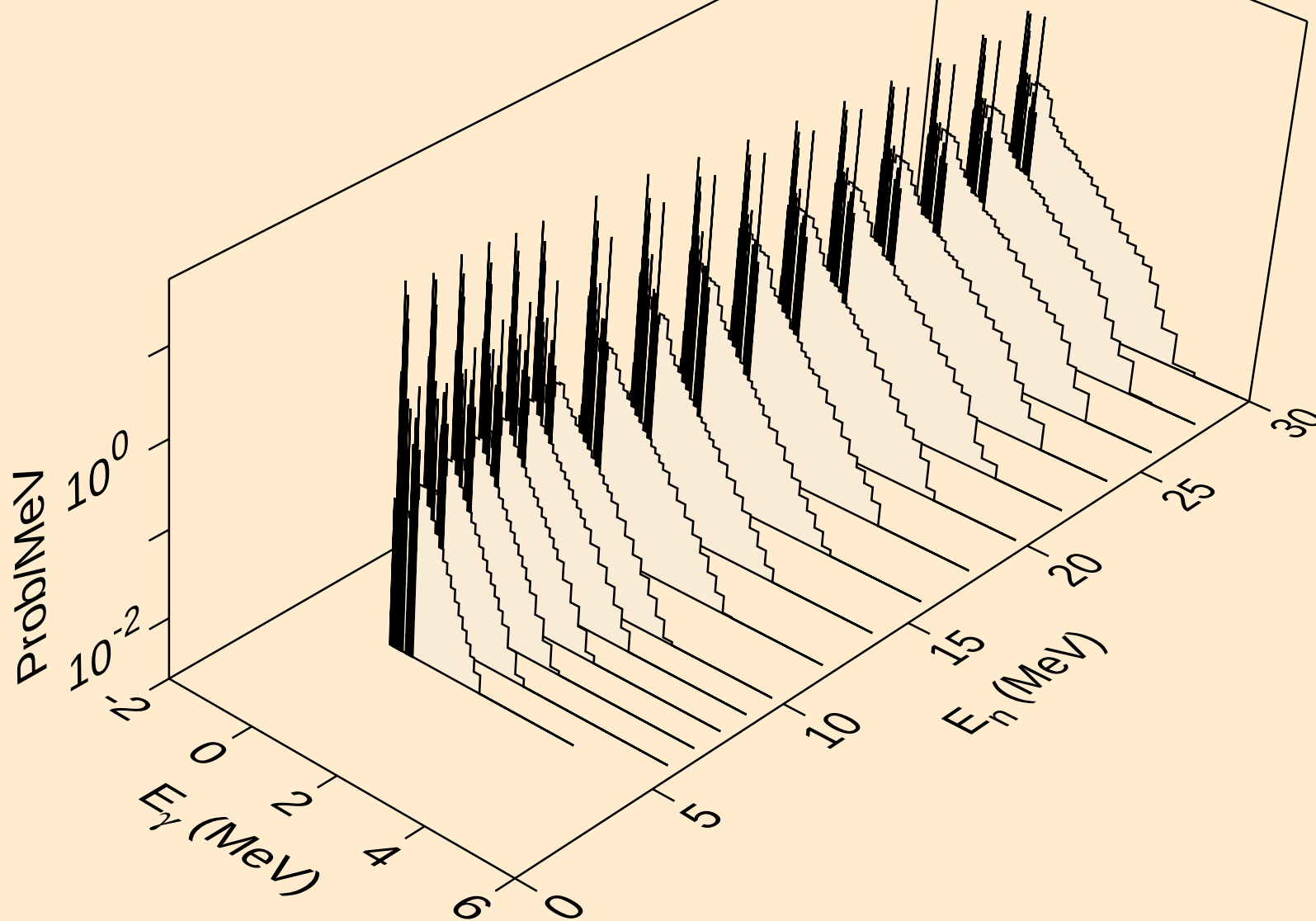


FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3n)



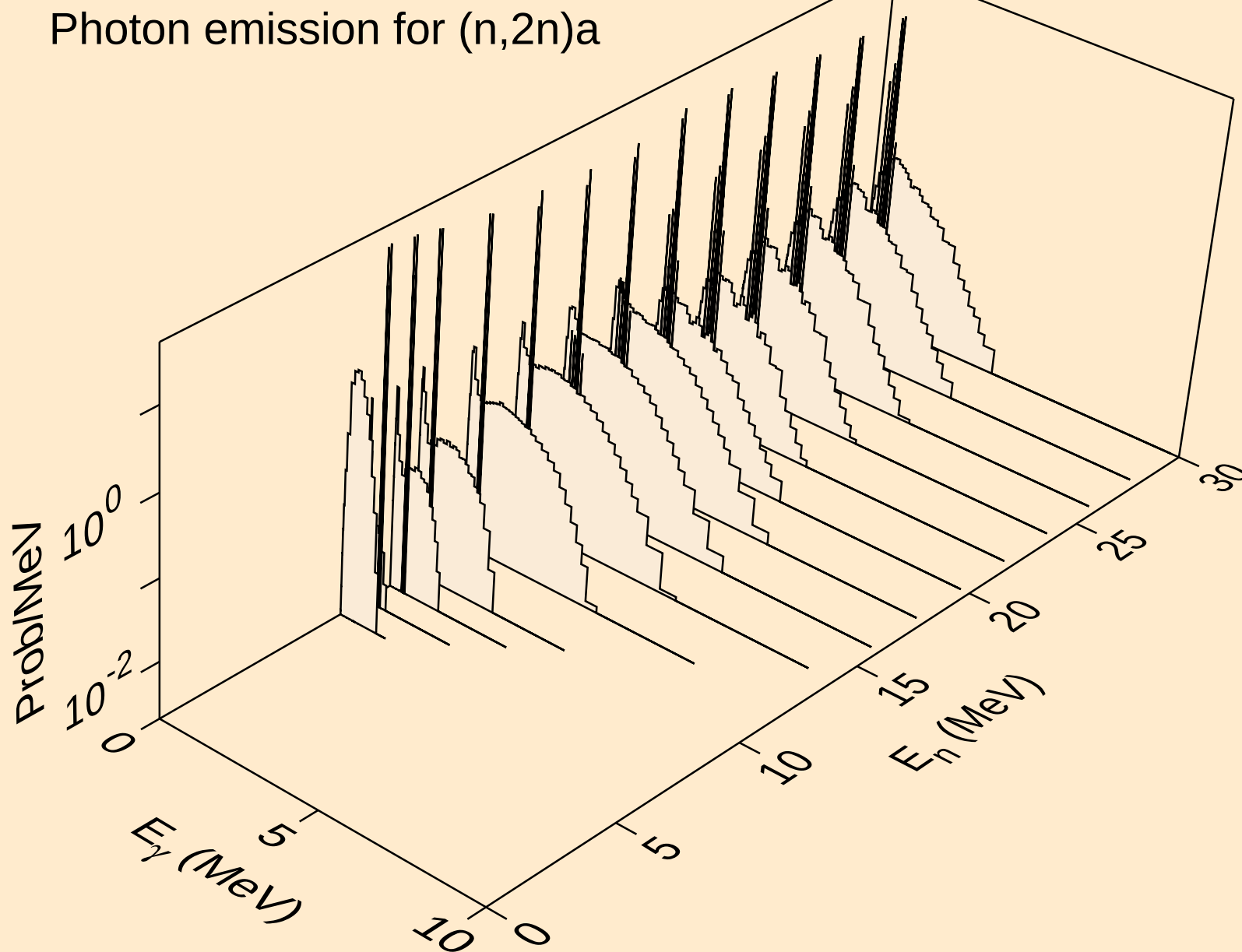
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a

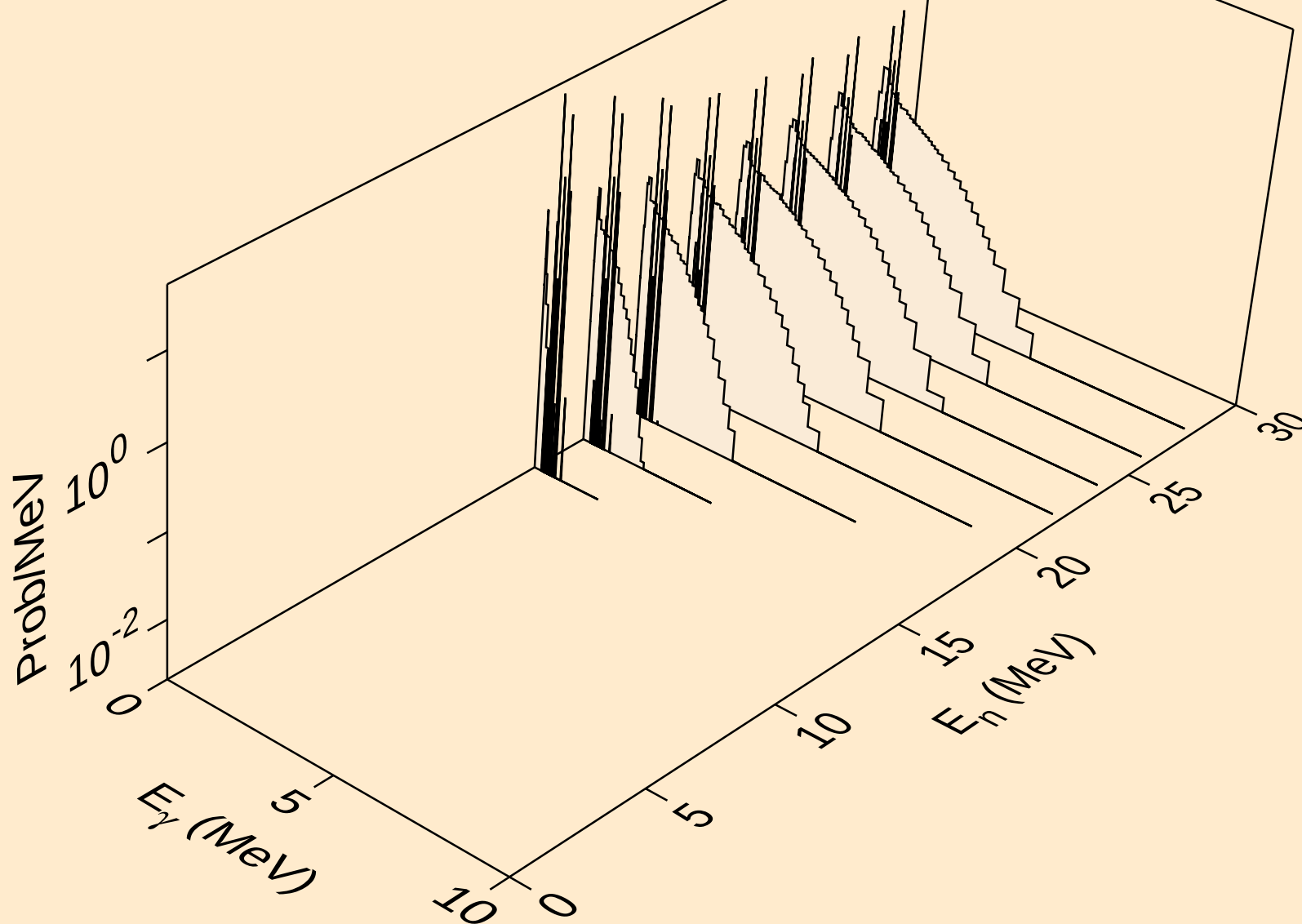


FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α

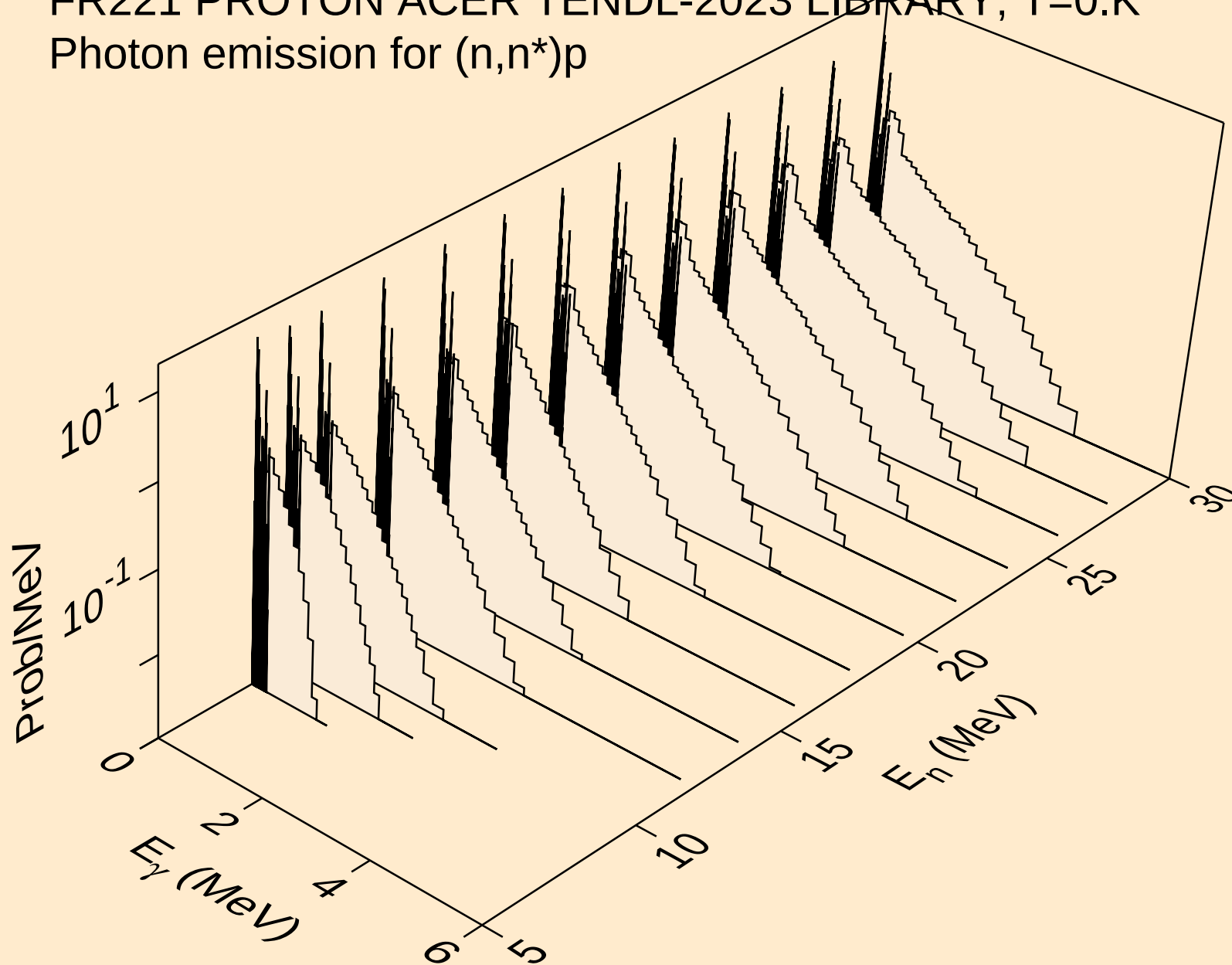


FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,3n)\alpha$

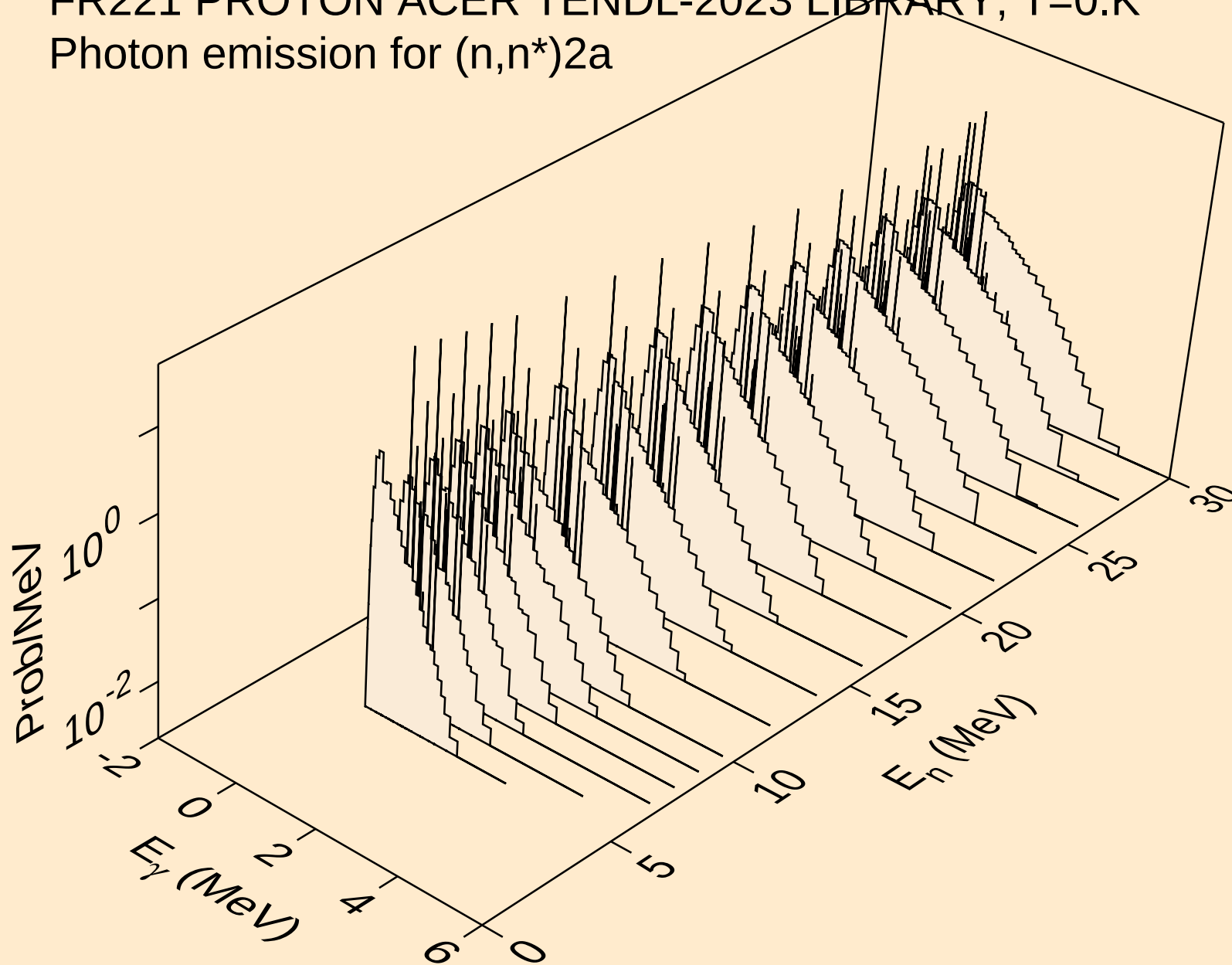


FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p

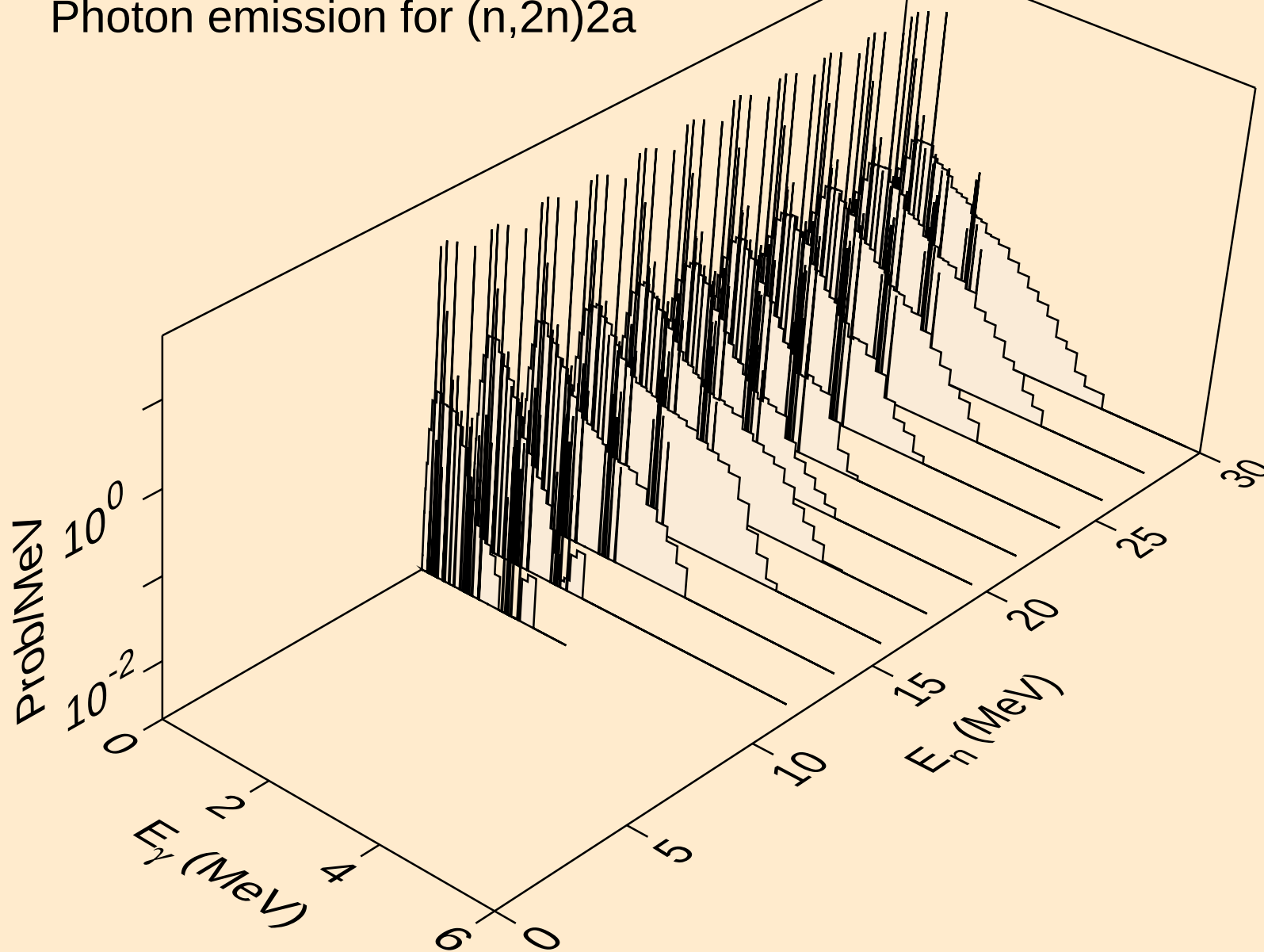


FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



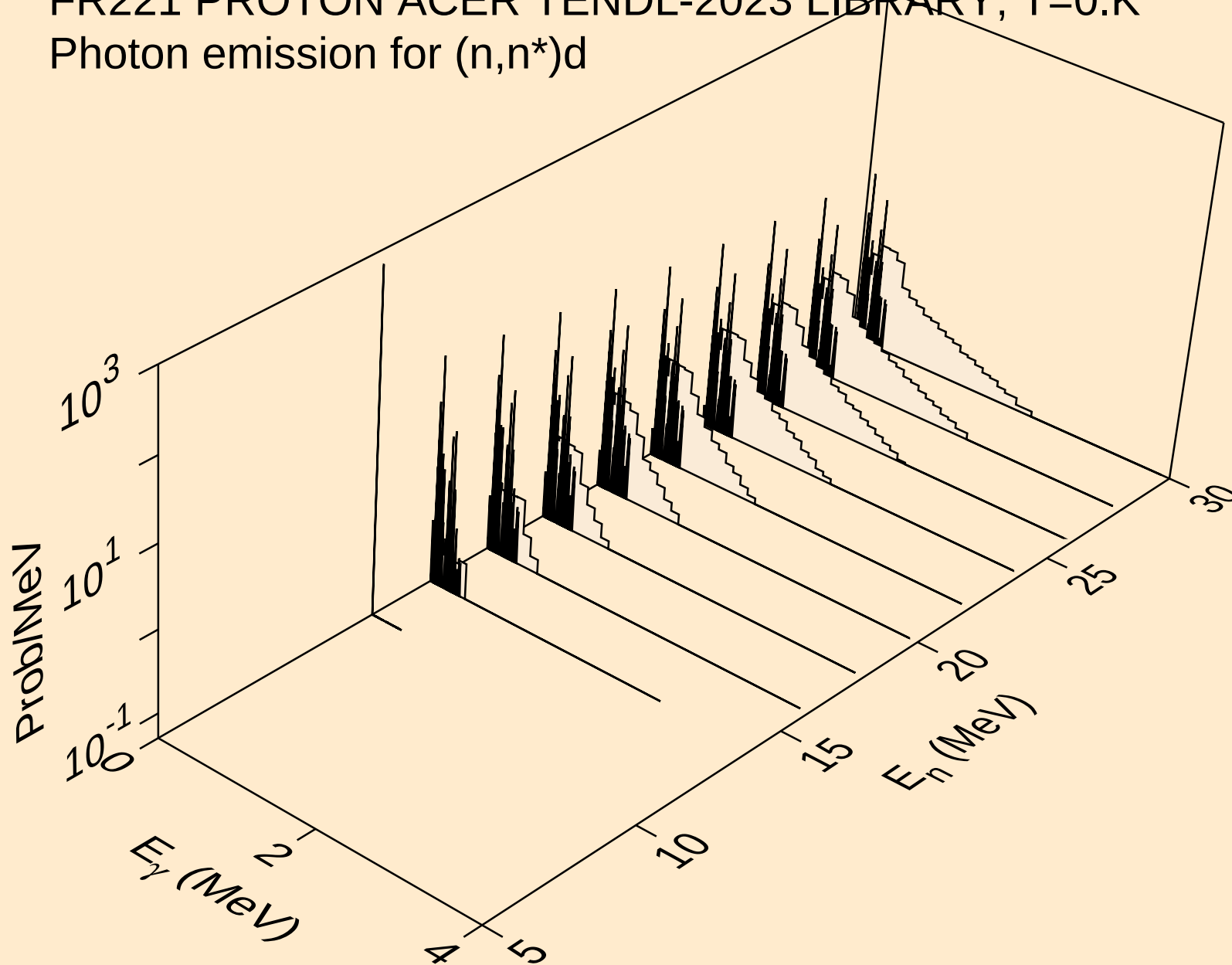
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n)2a



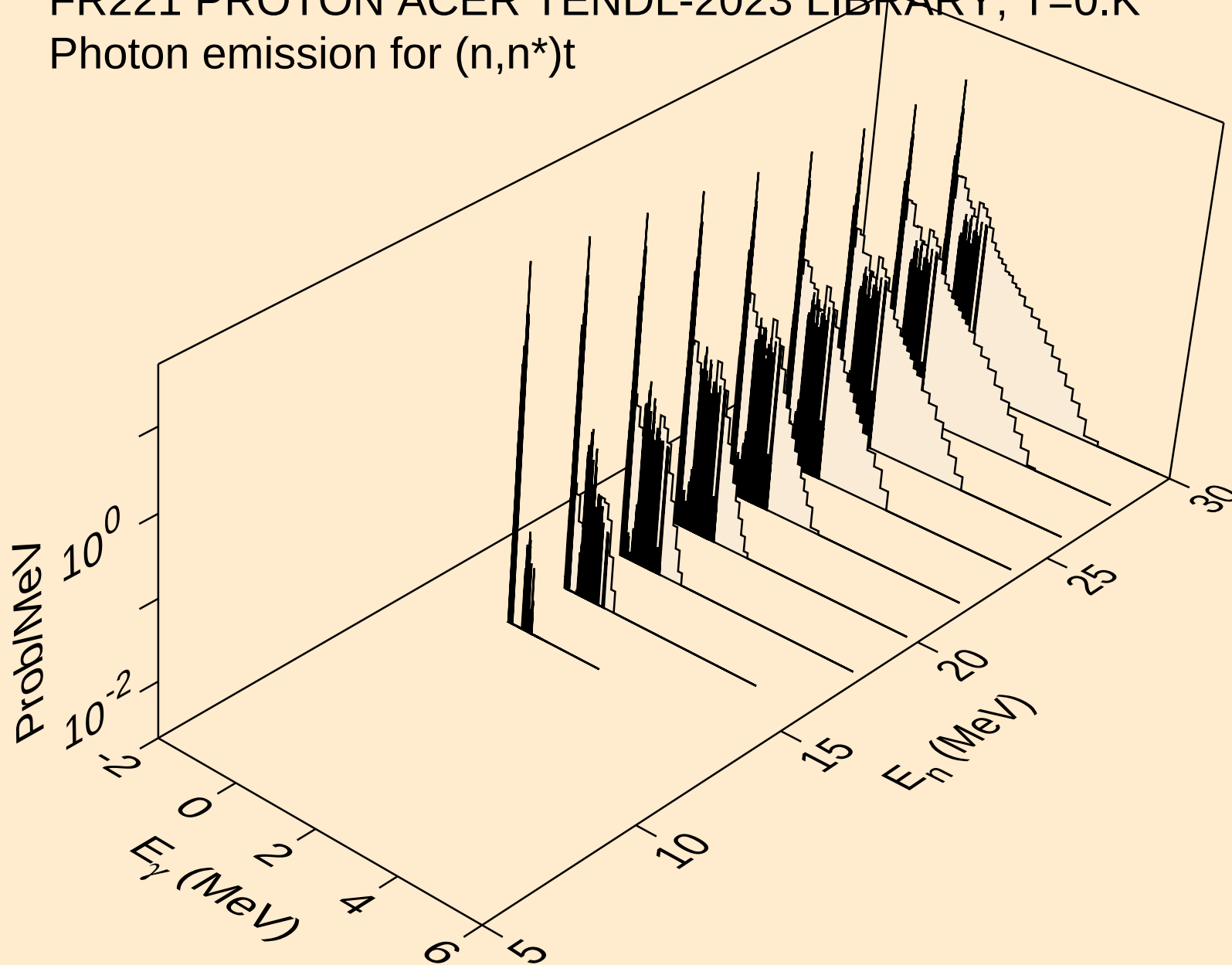
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d



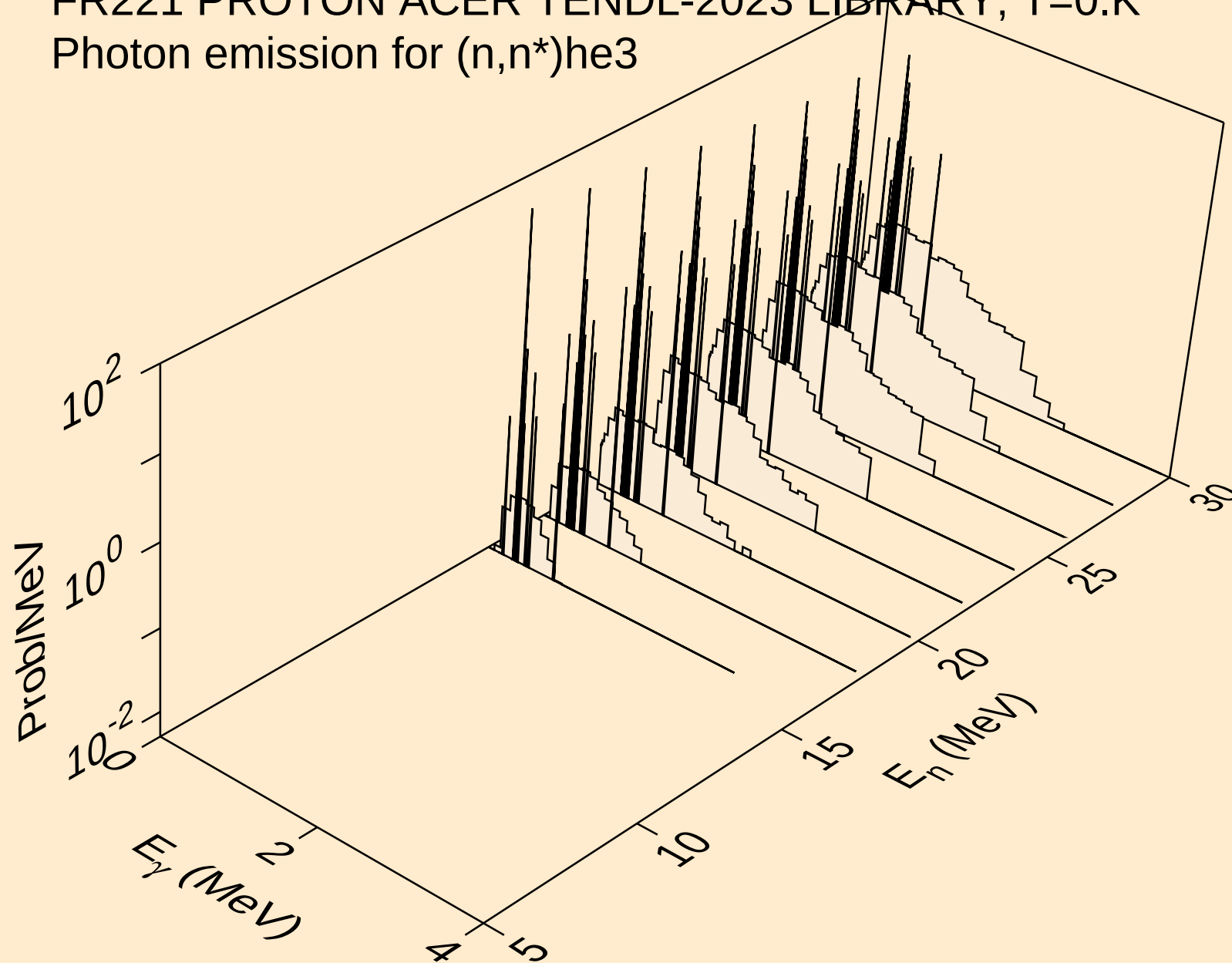
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)t



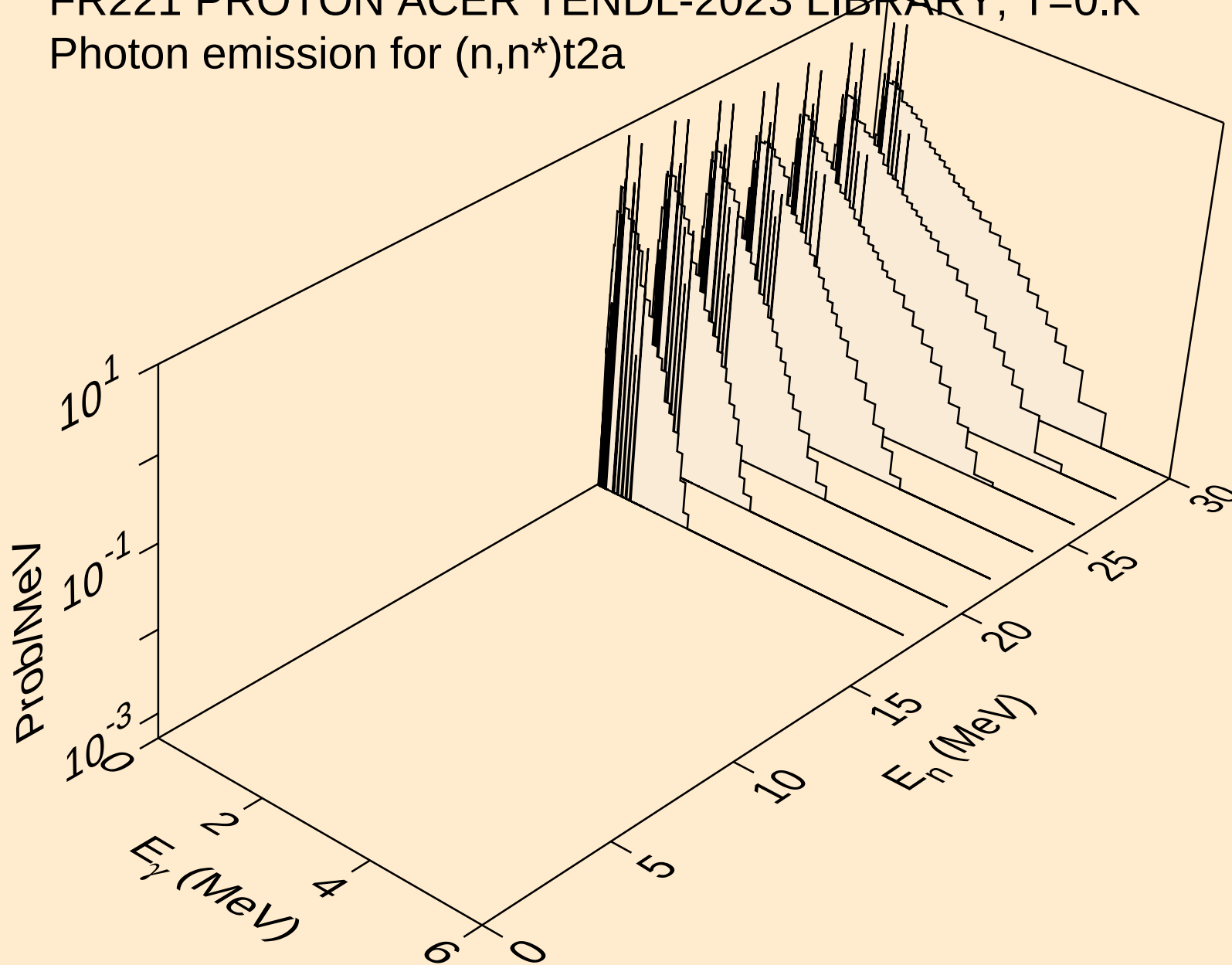
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)he3

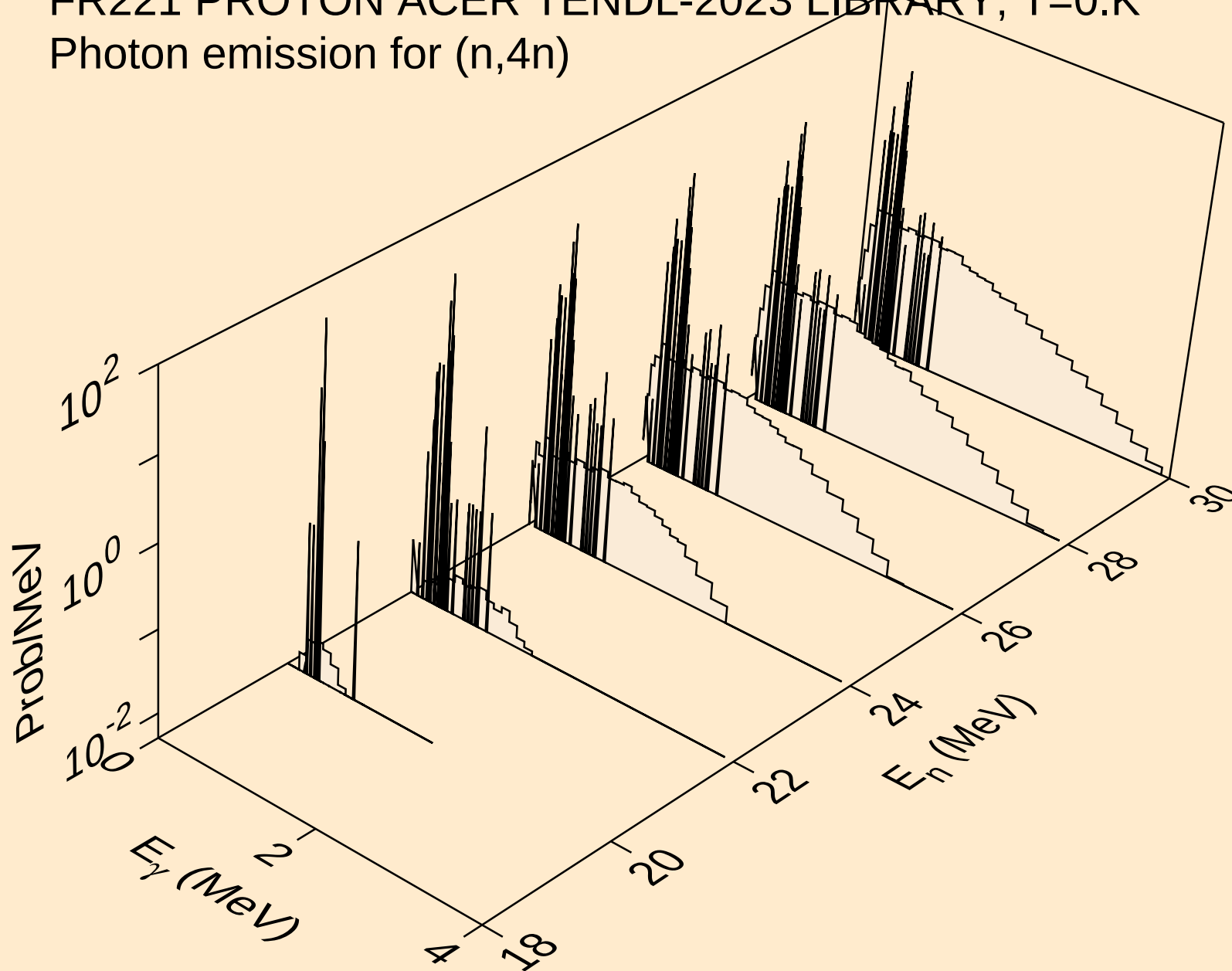


FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

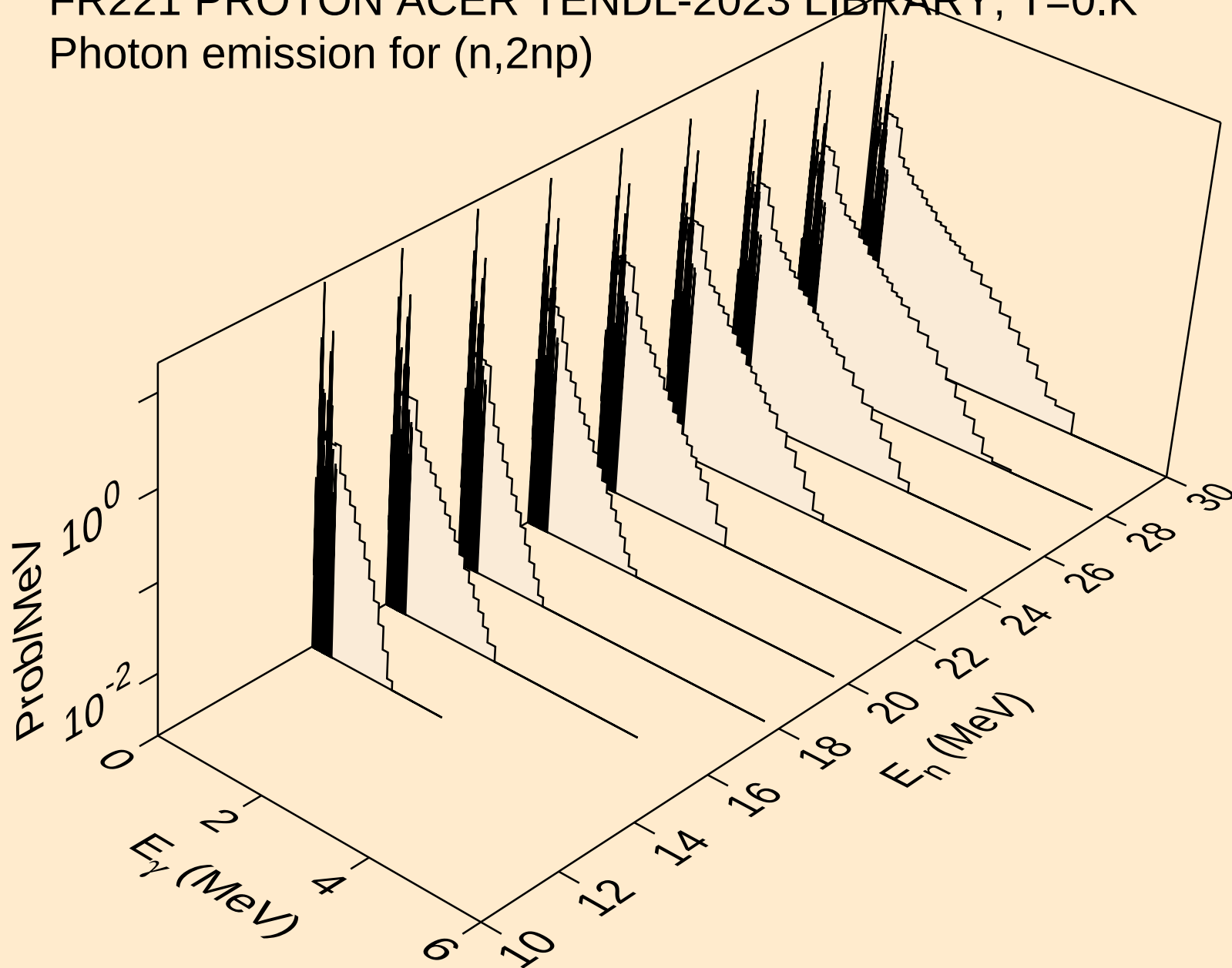
Photon emission for (n,n*)t2a



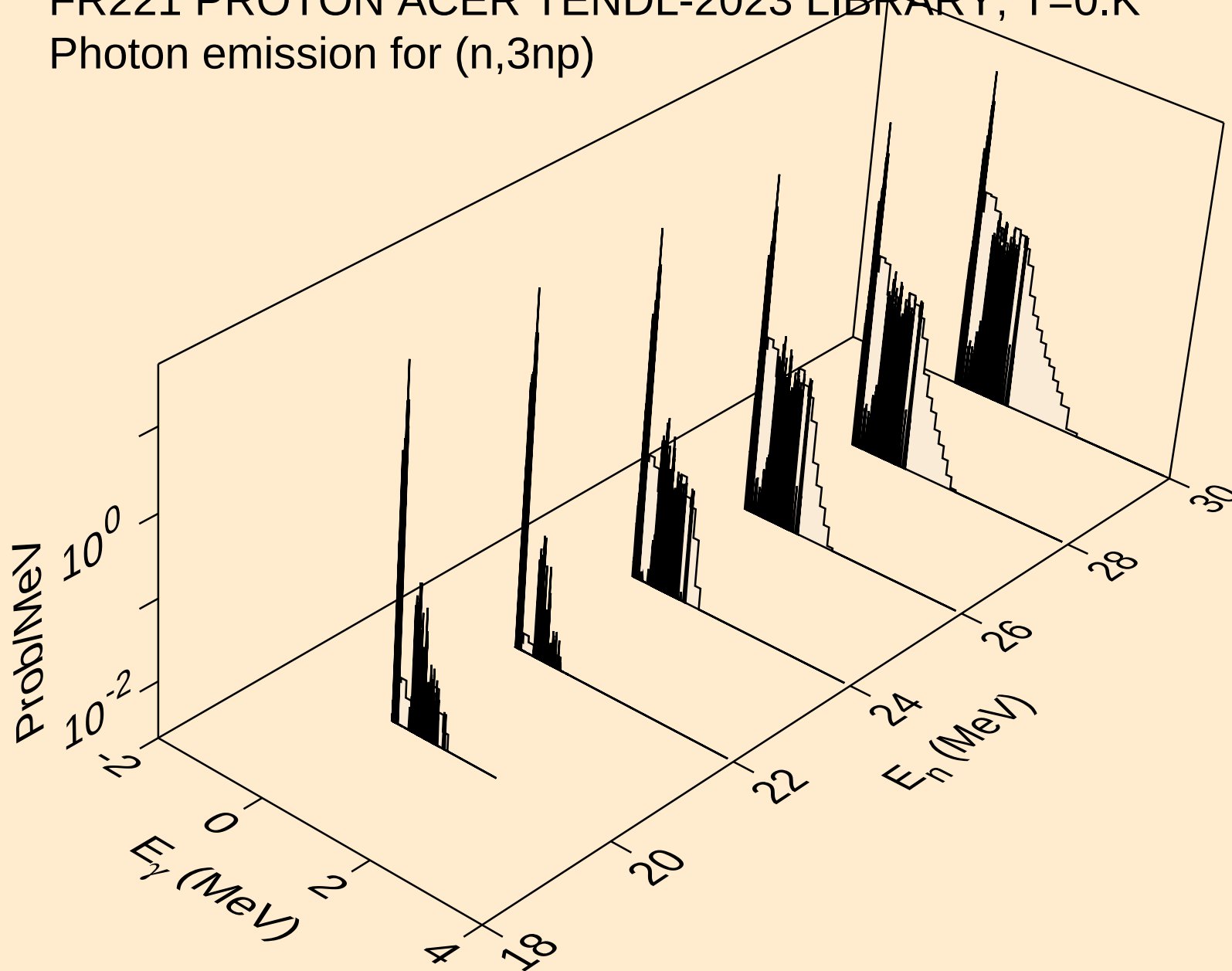
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



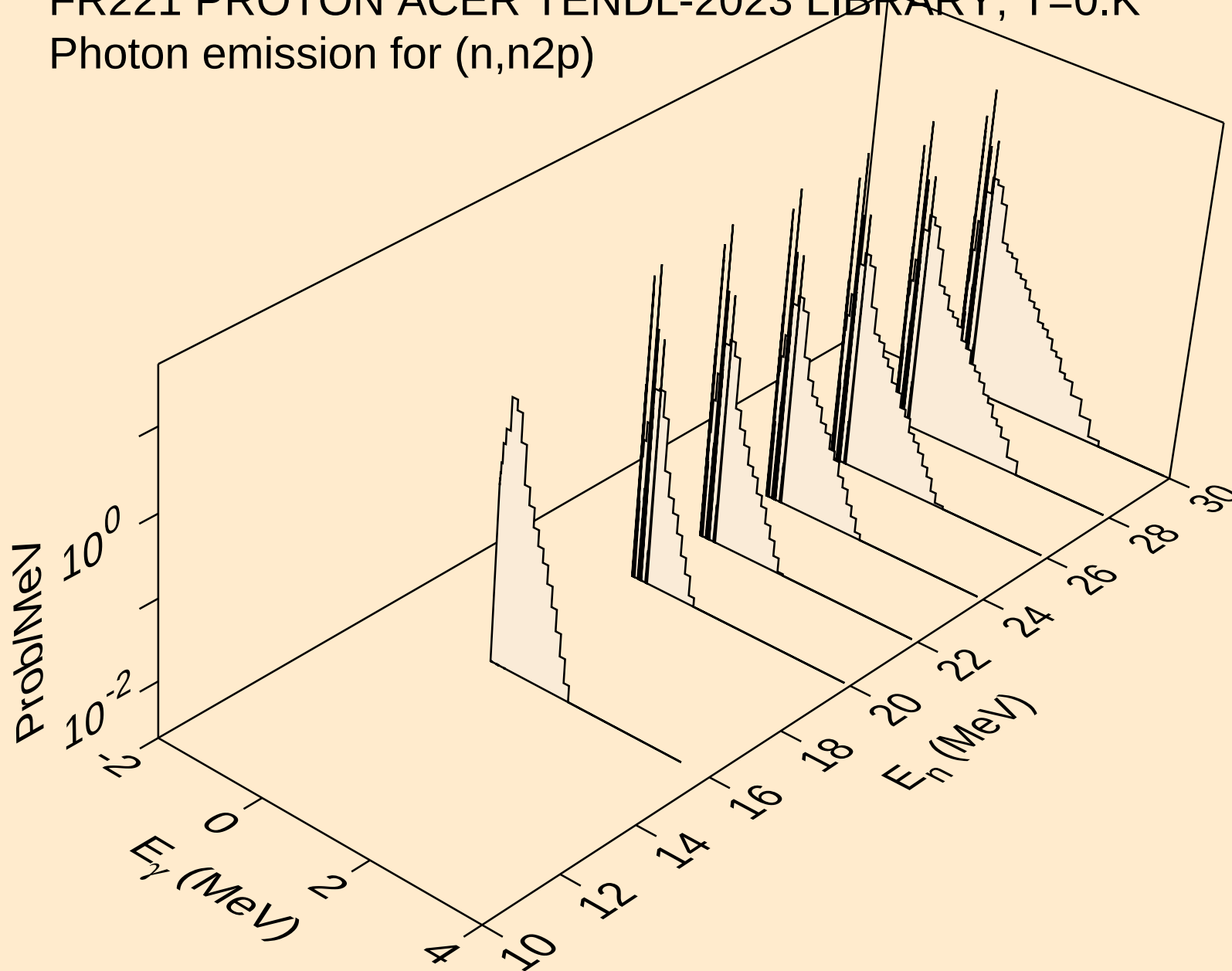
FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2np)



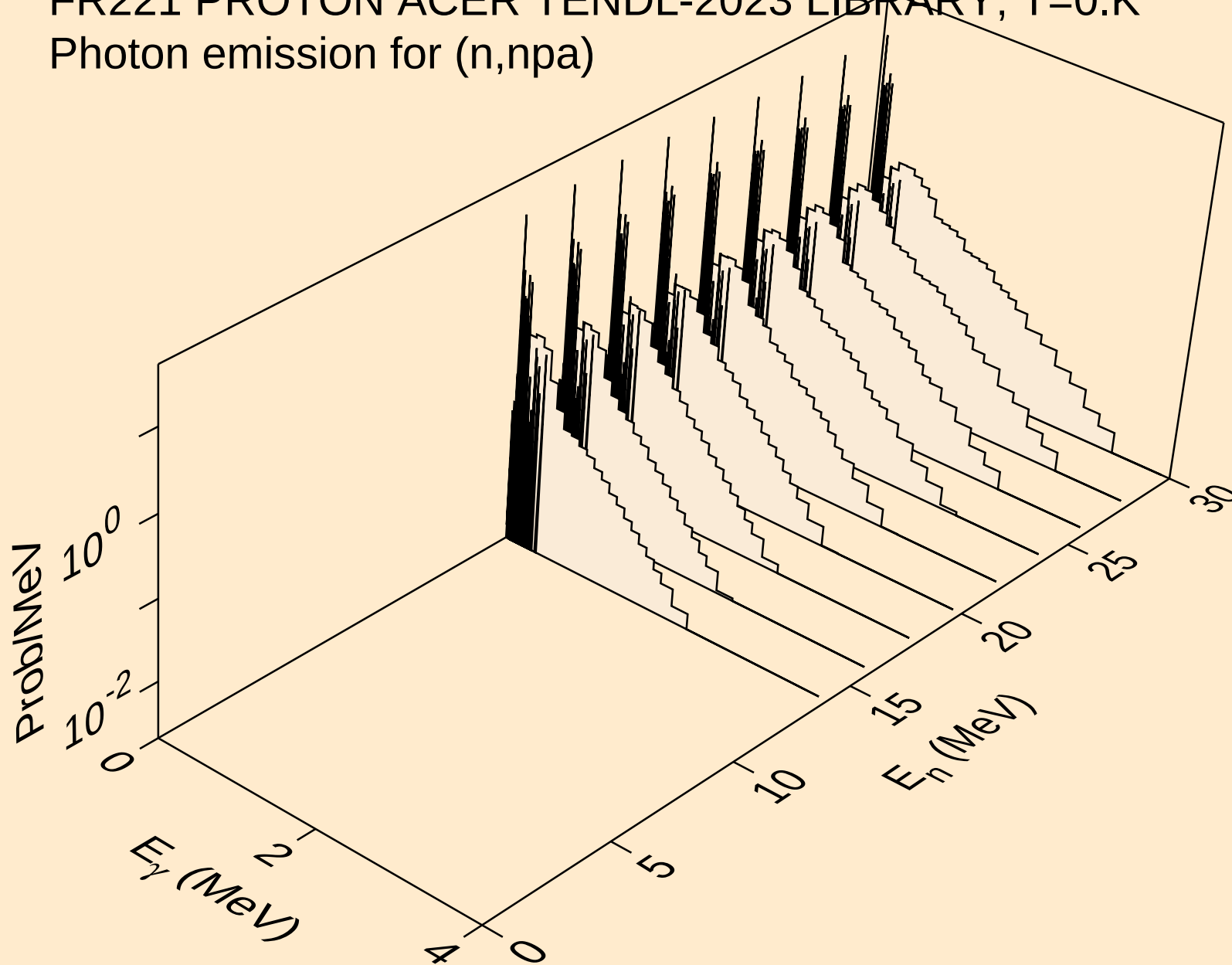
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



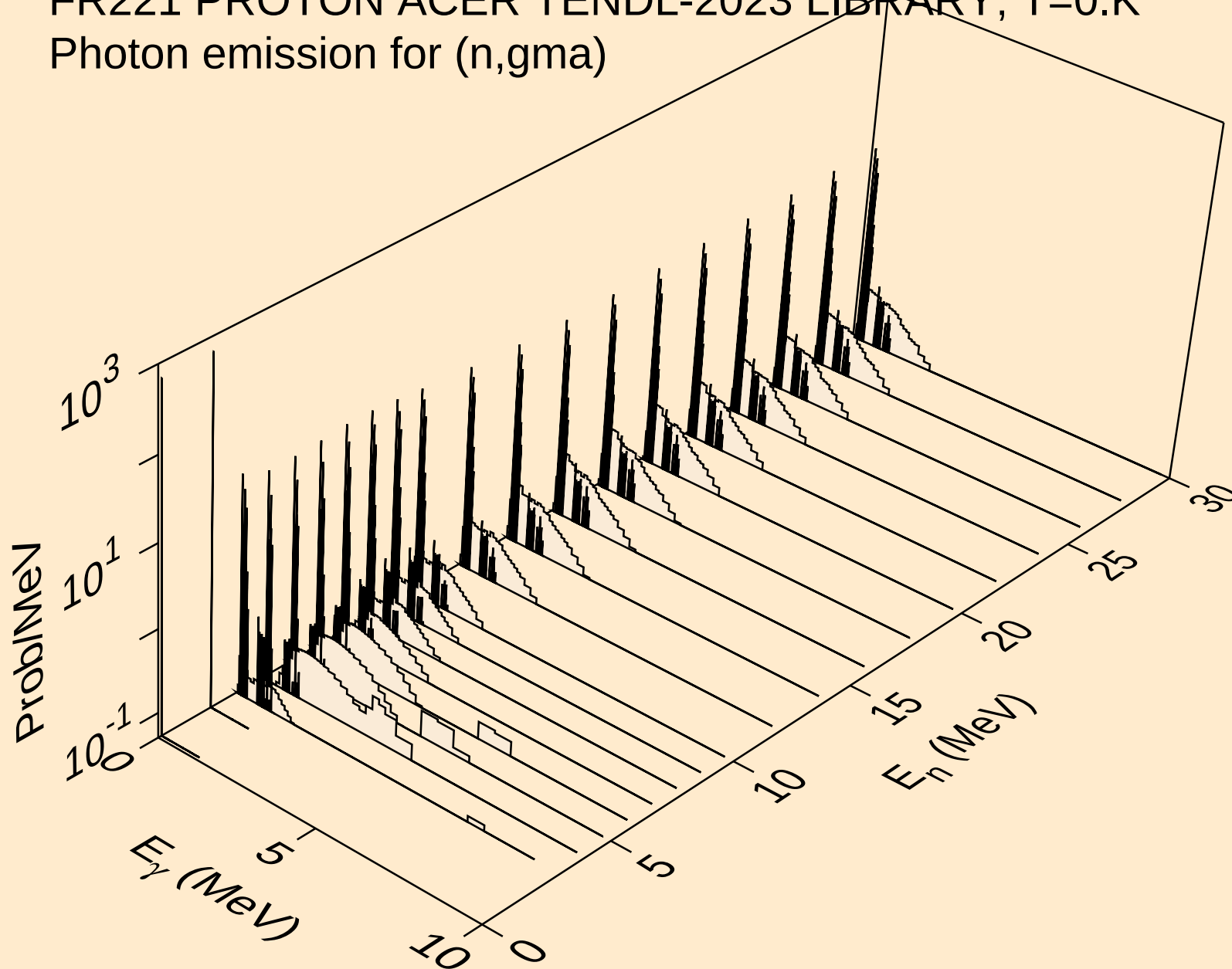
FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n2p)



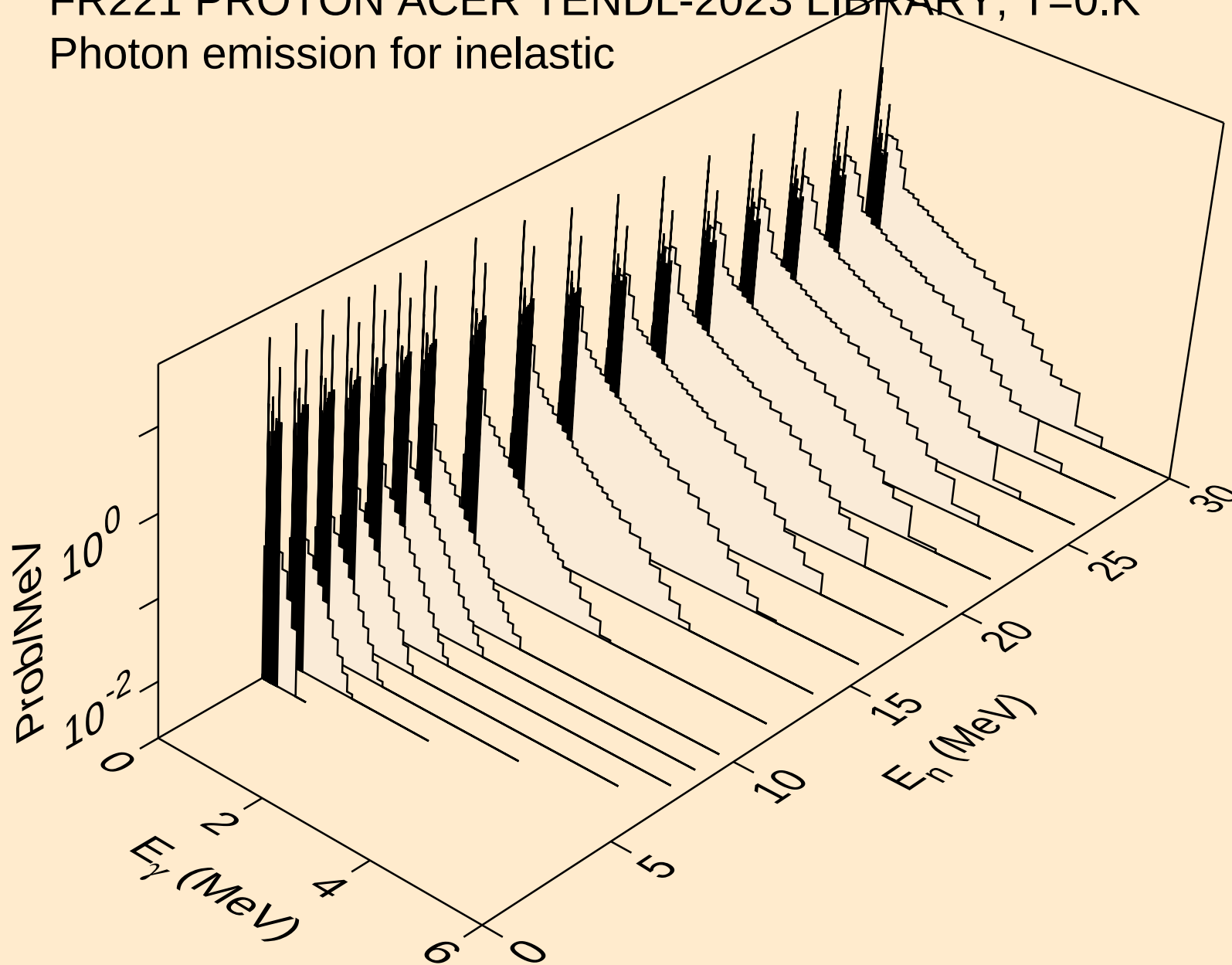
FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,npa)



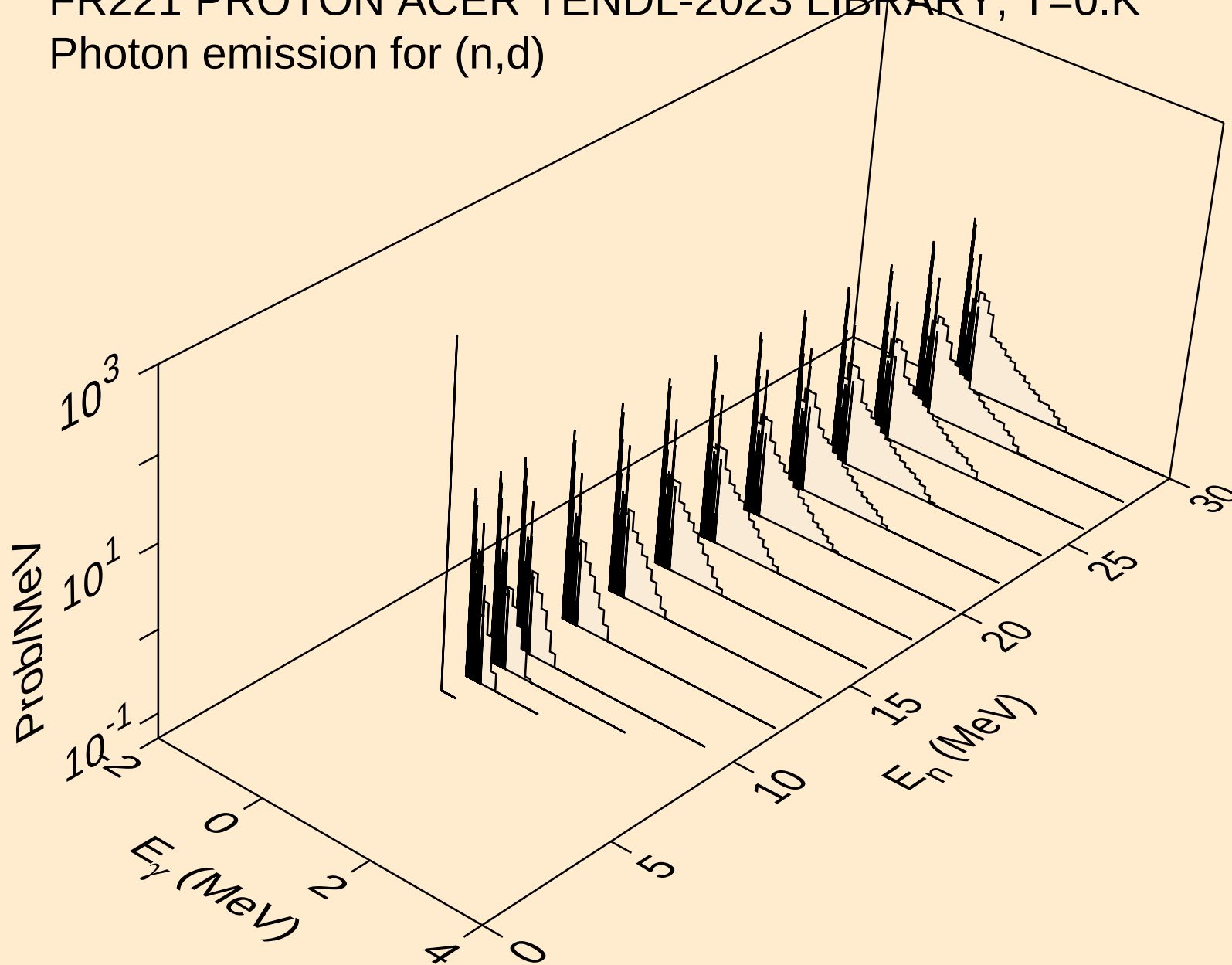
FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,gma)



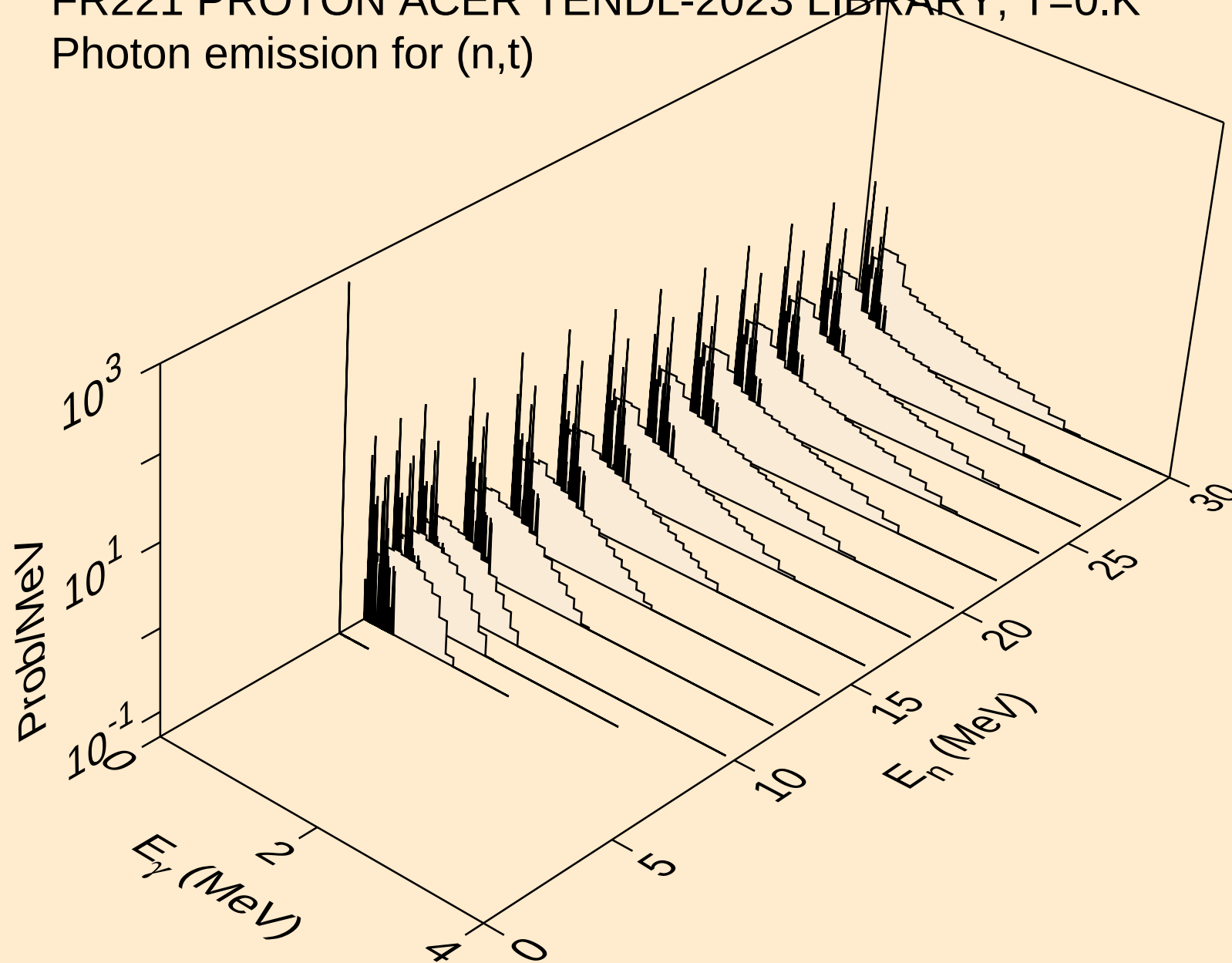
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



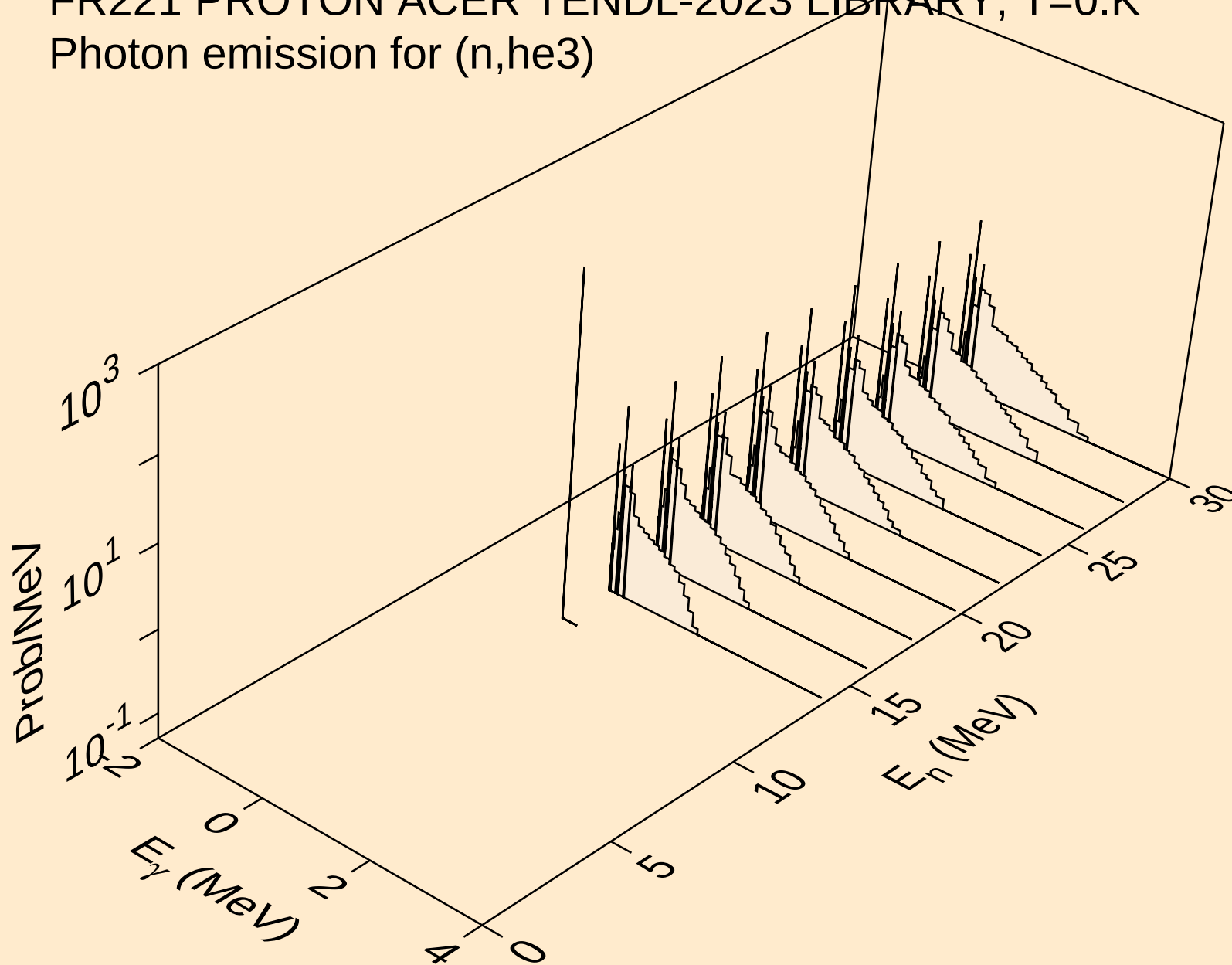
FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,d)



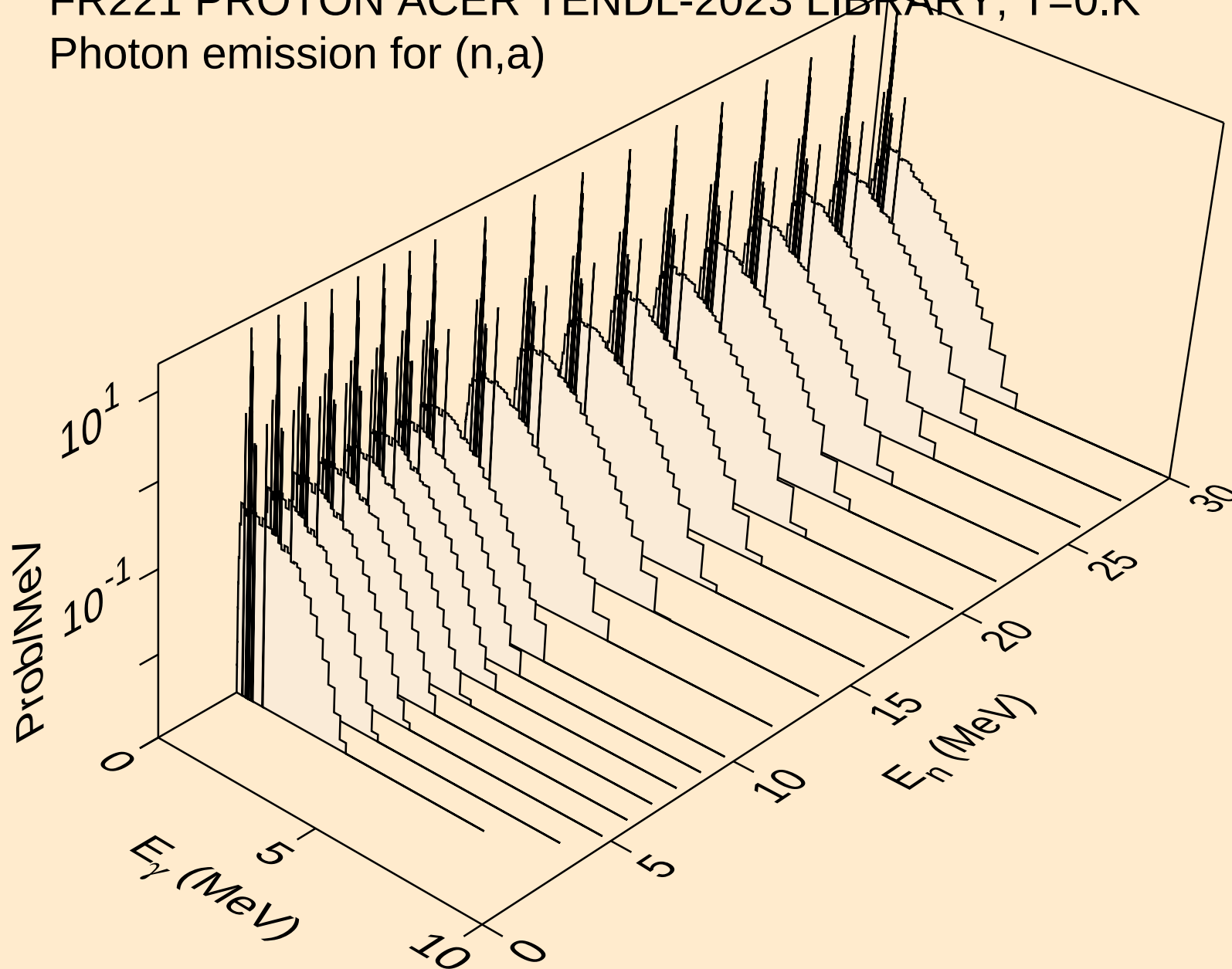
FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,t)



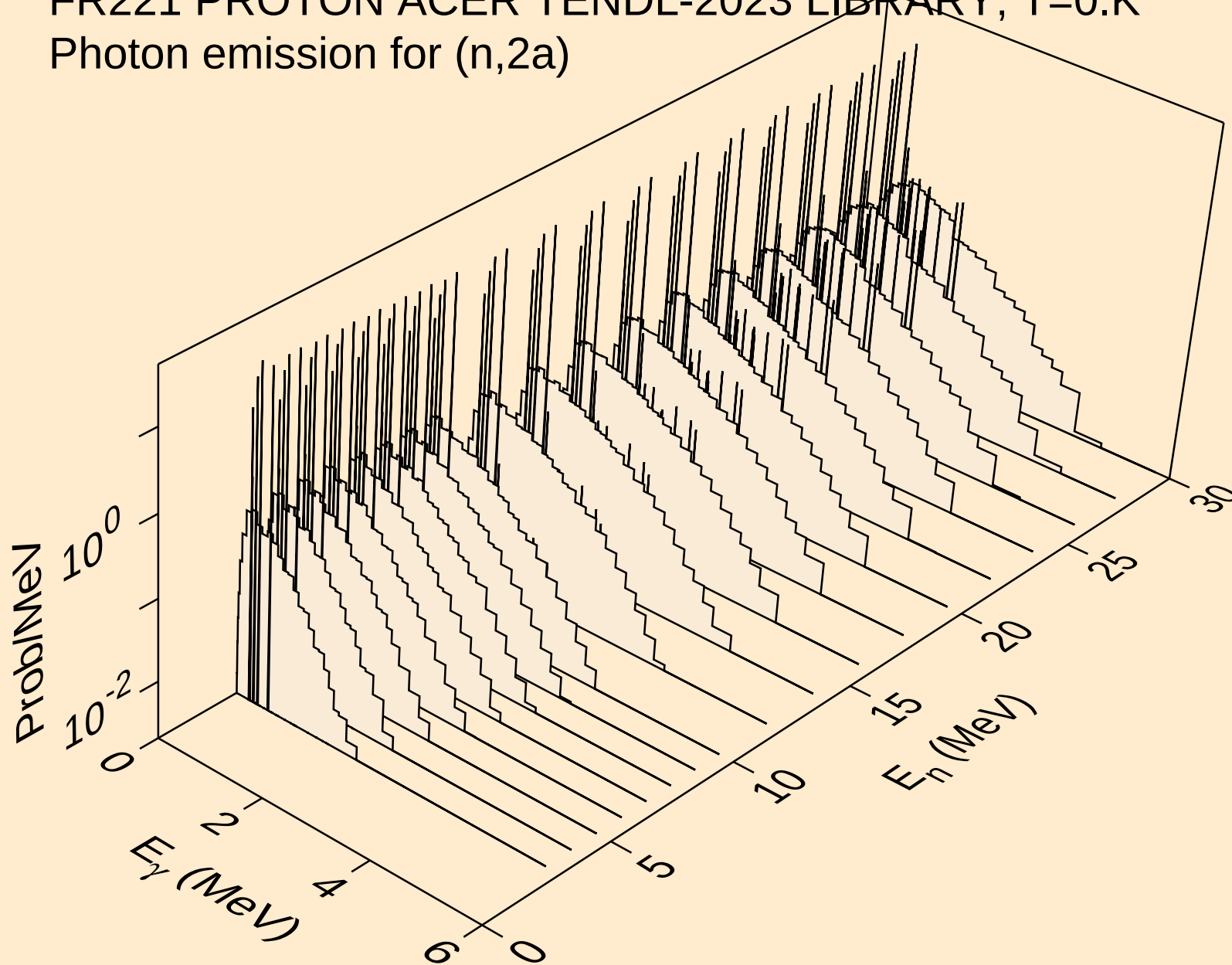
FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,he3)



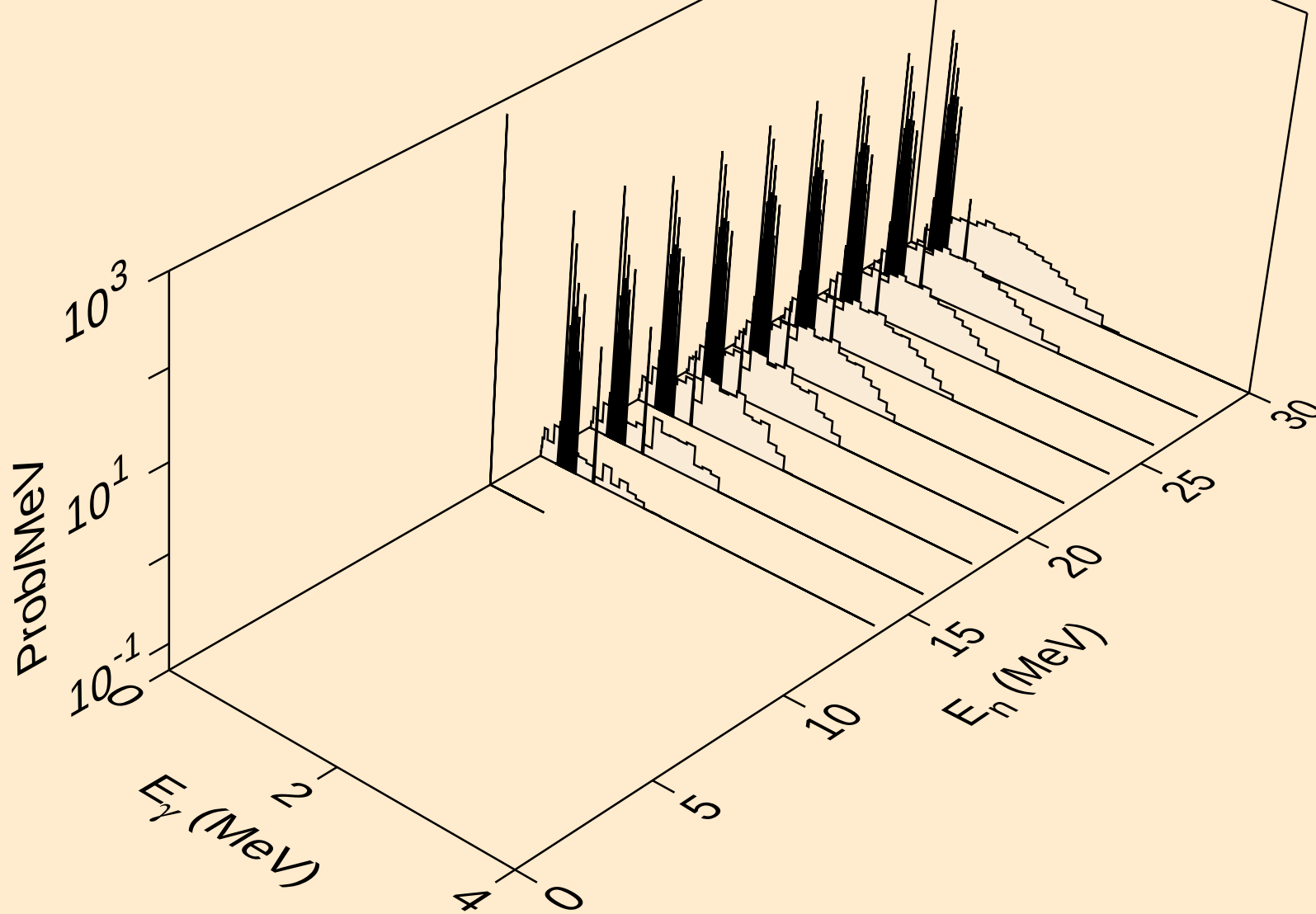
FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,a)



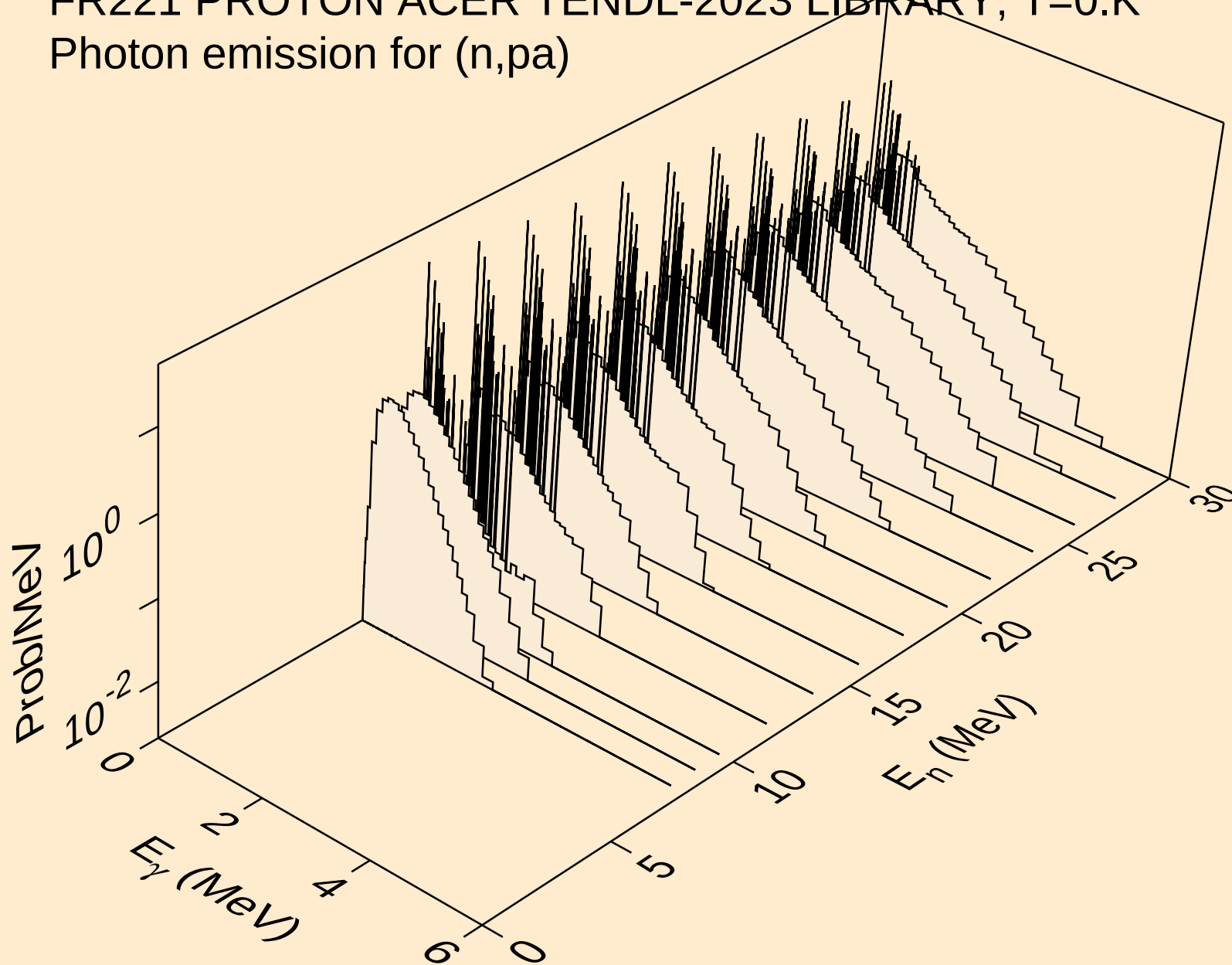
FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2a)



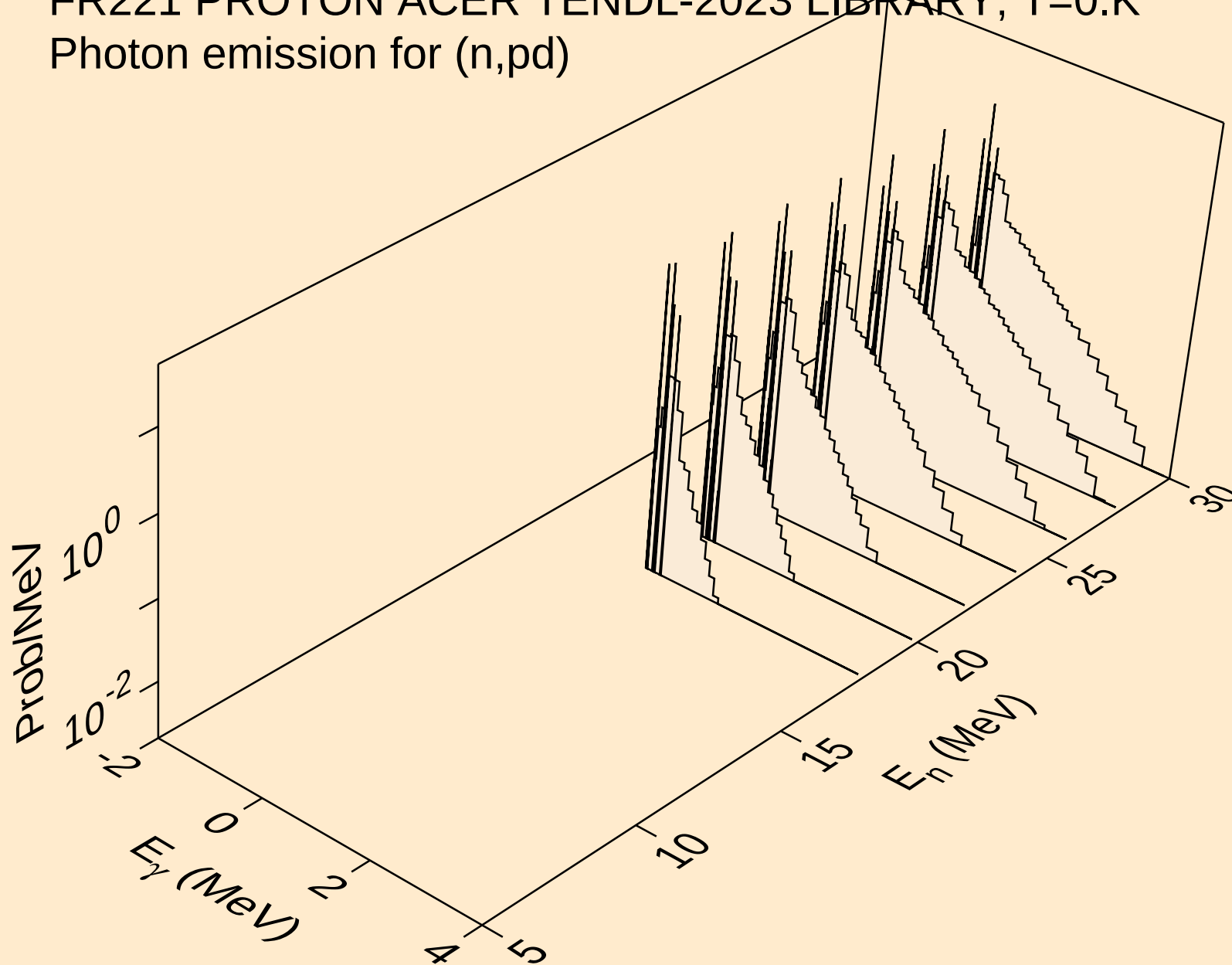
FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2p)



FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p α)

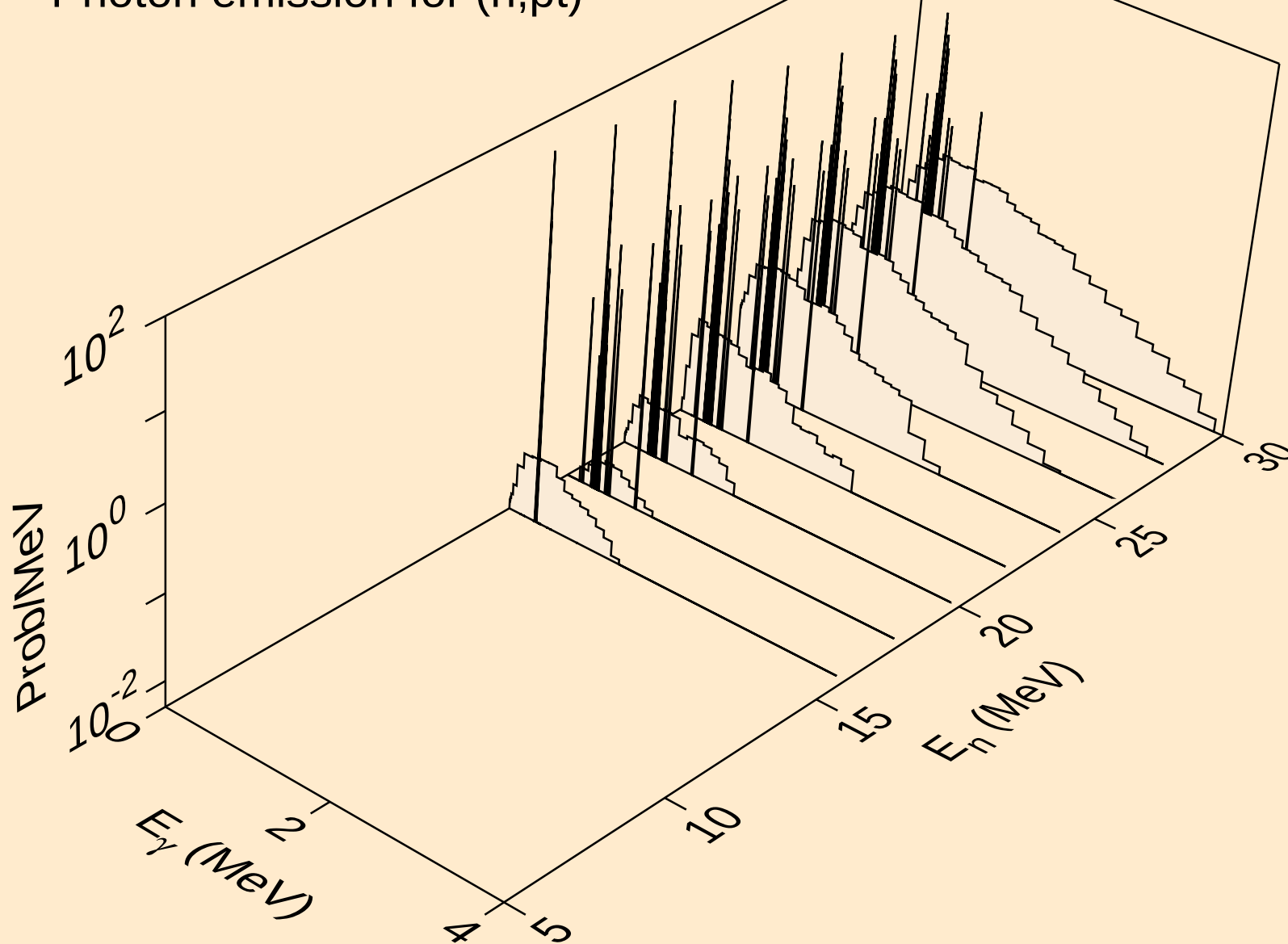


FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

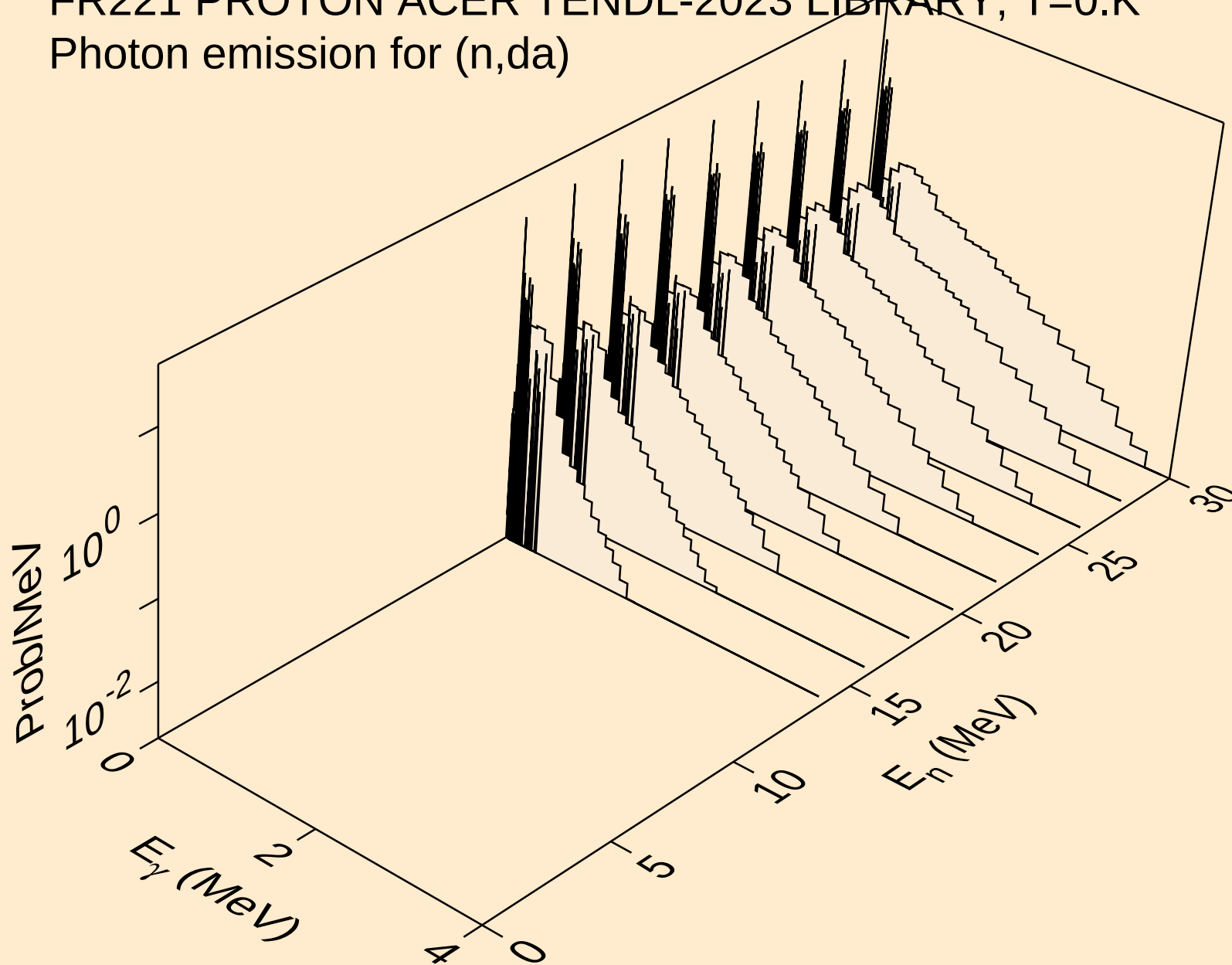


FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

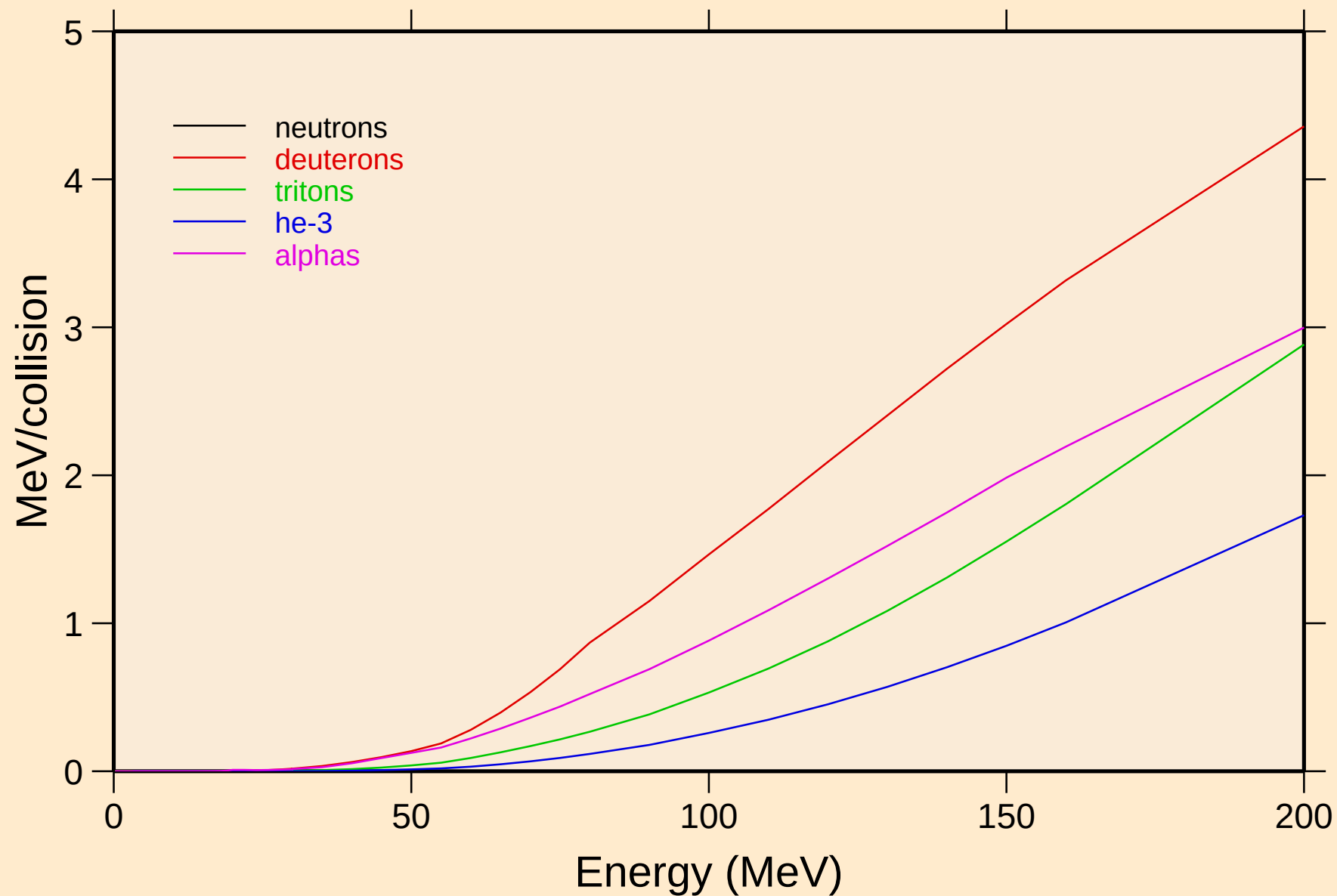


FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,da)



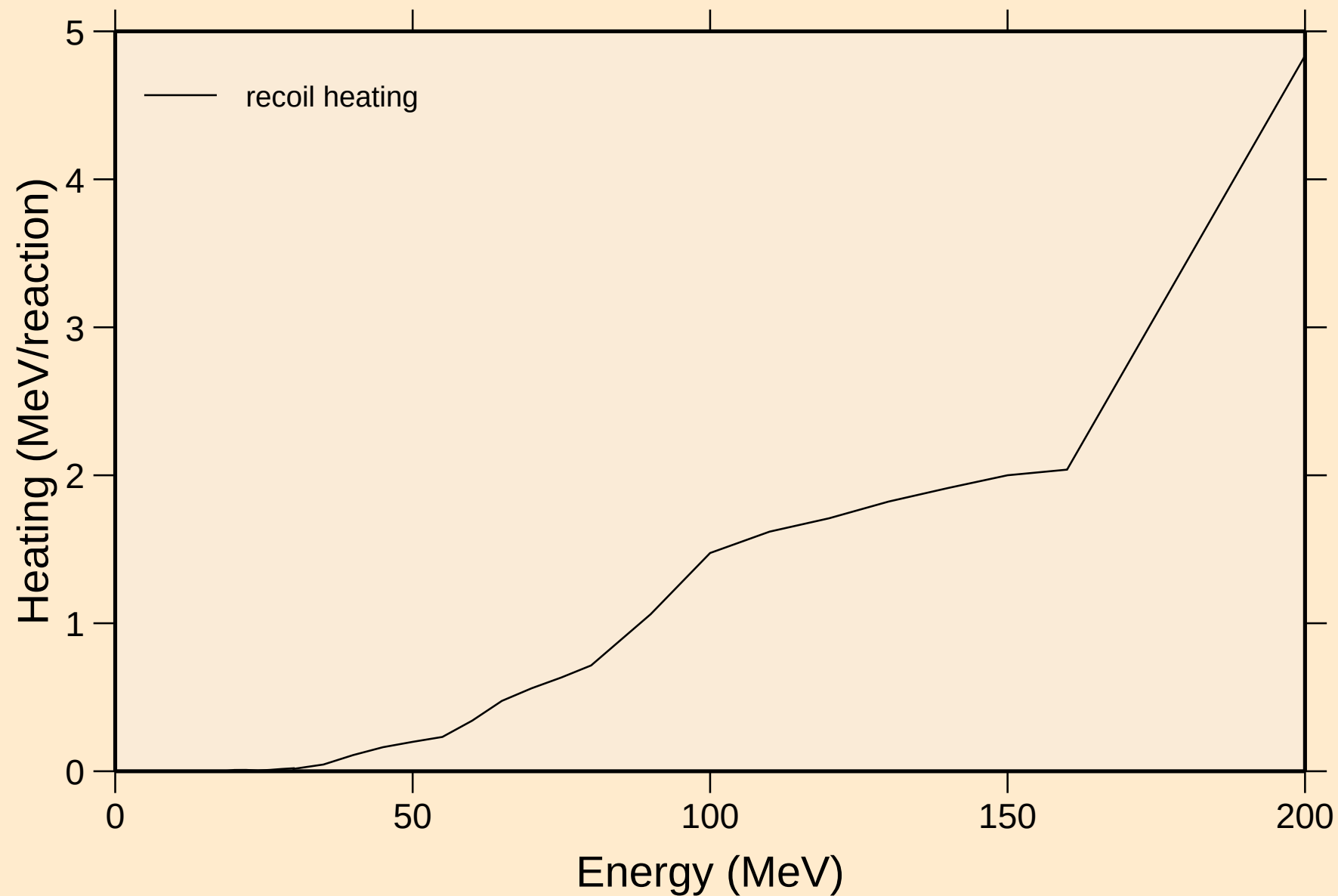
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



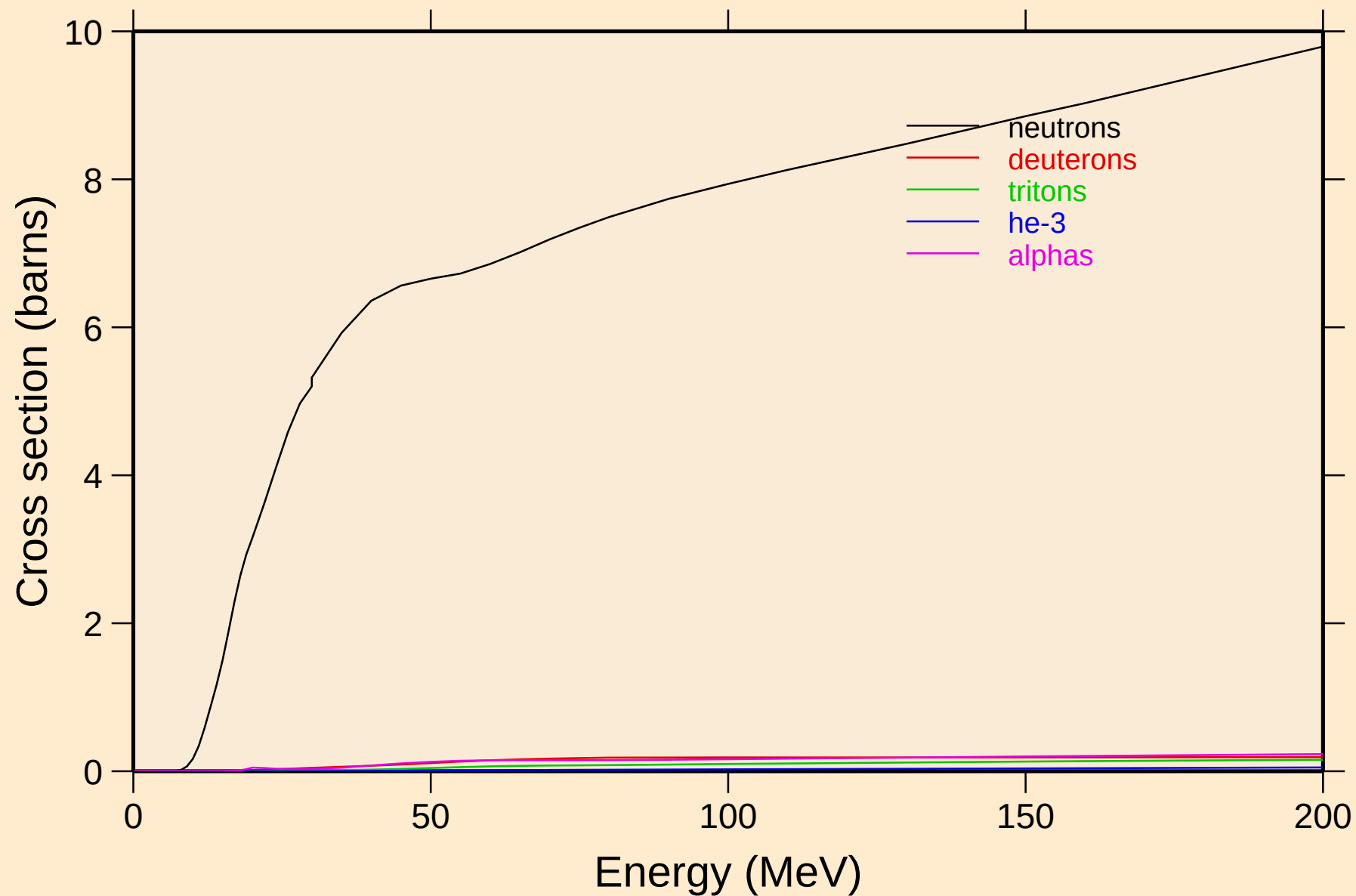
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

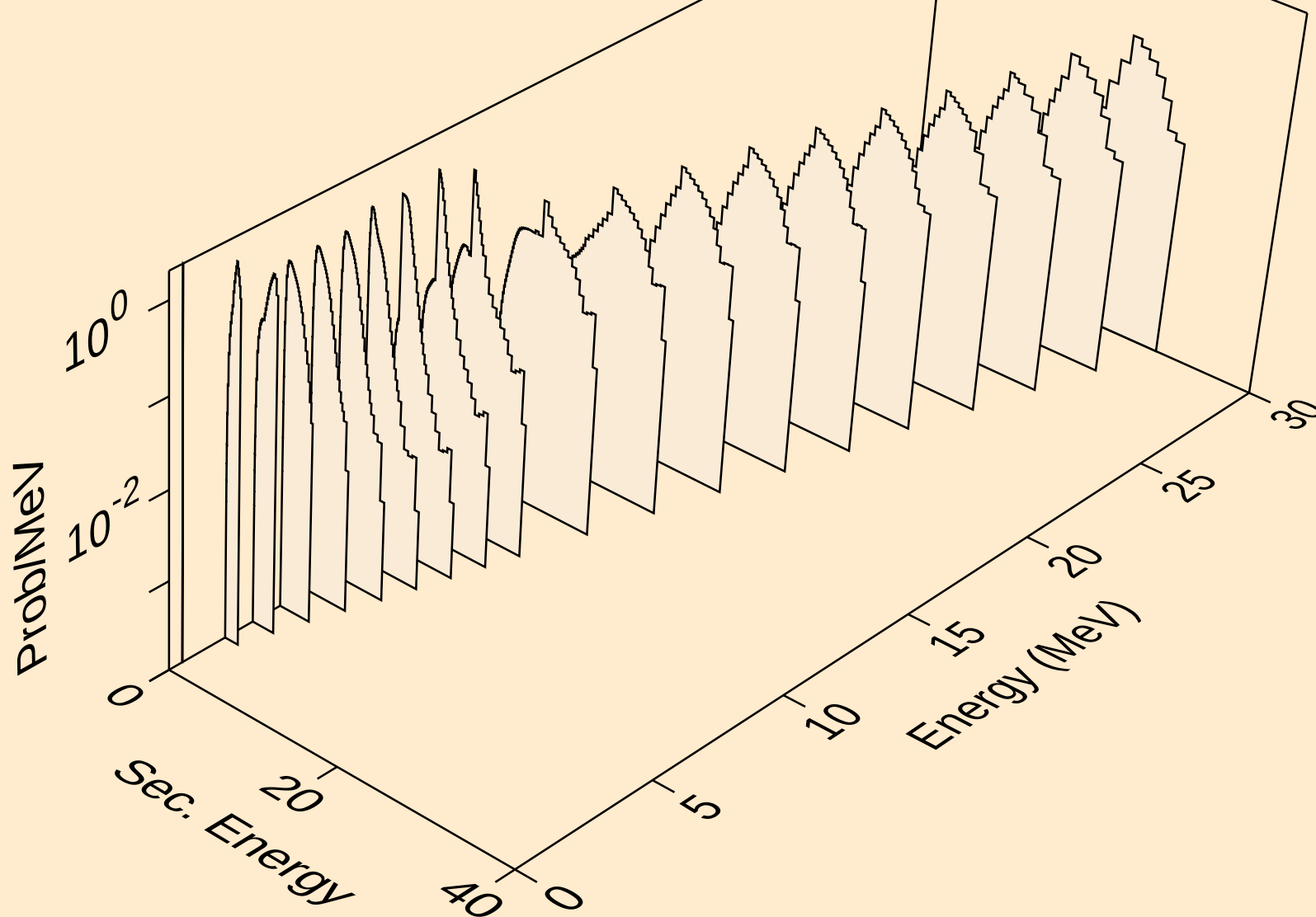


FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K

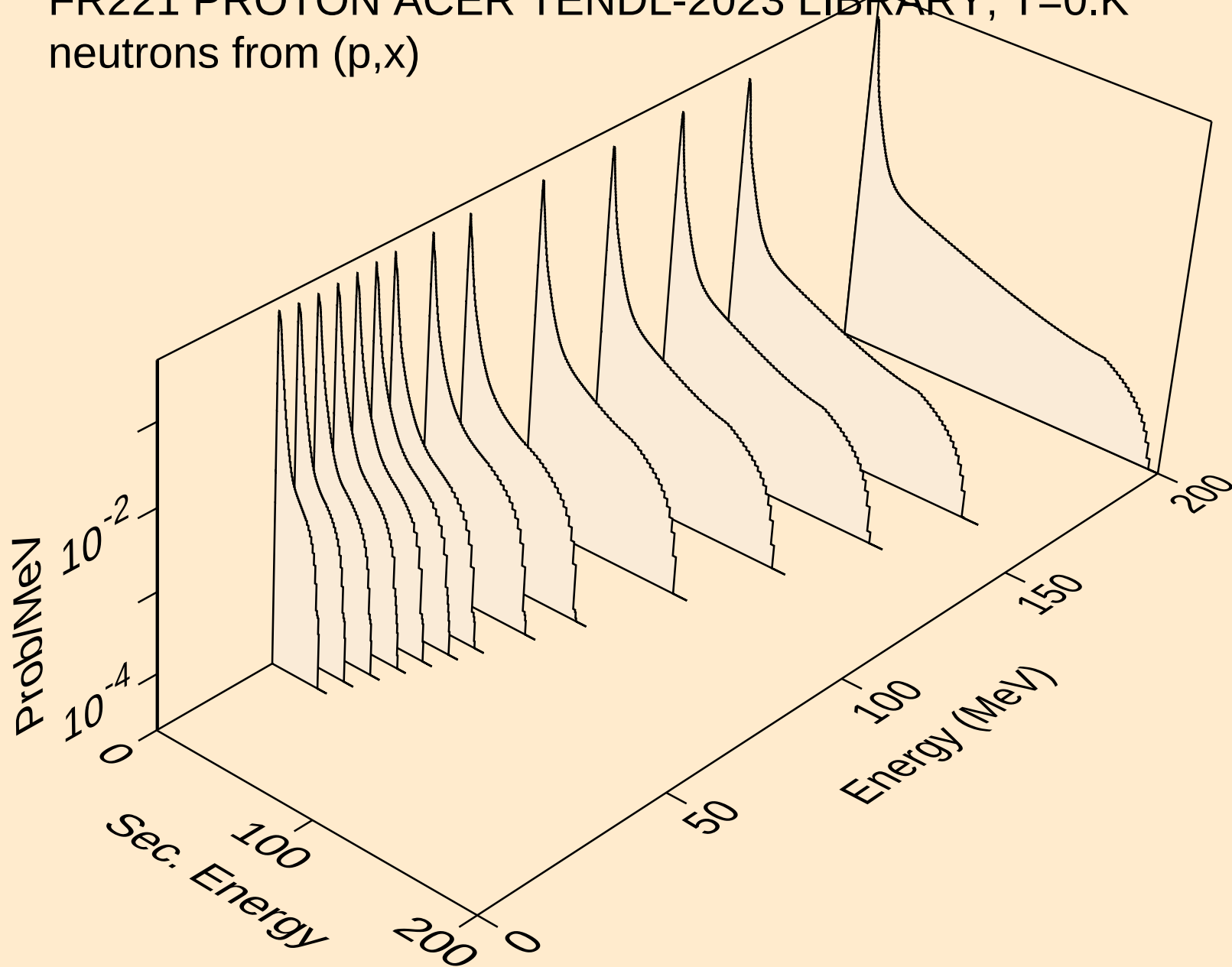
Particle production cross sections



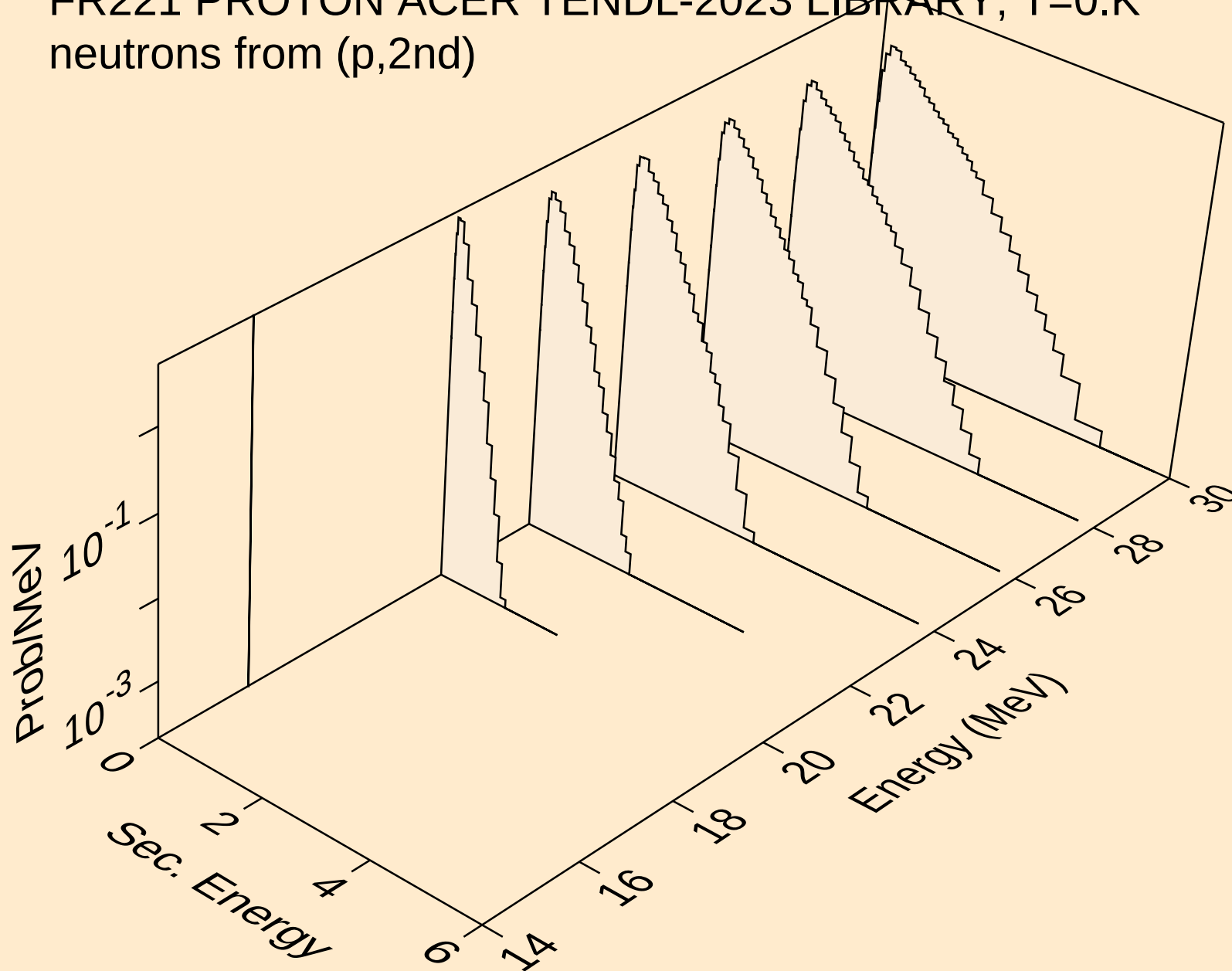
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



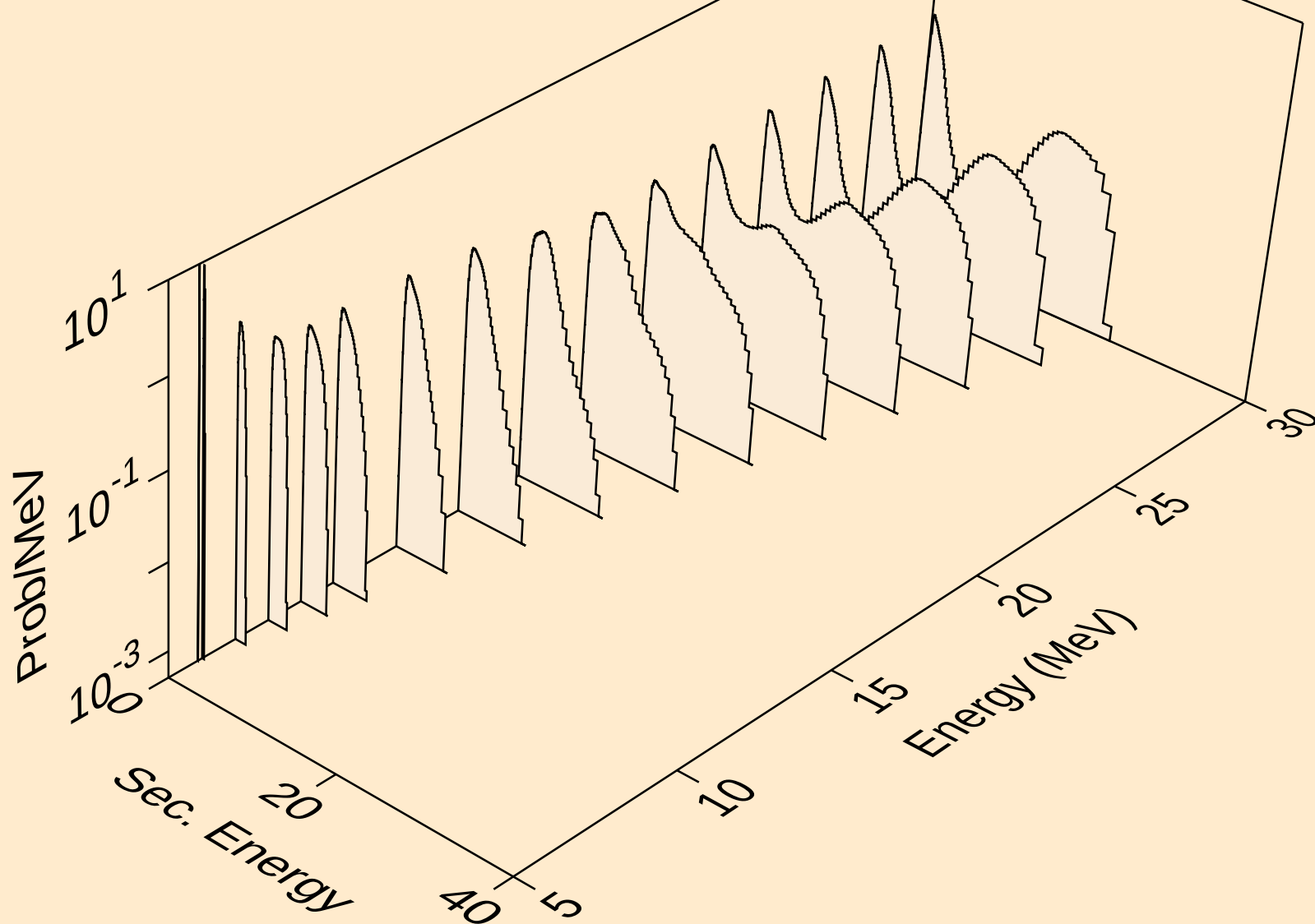
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



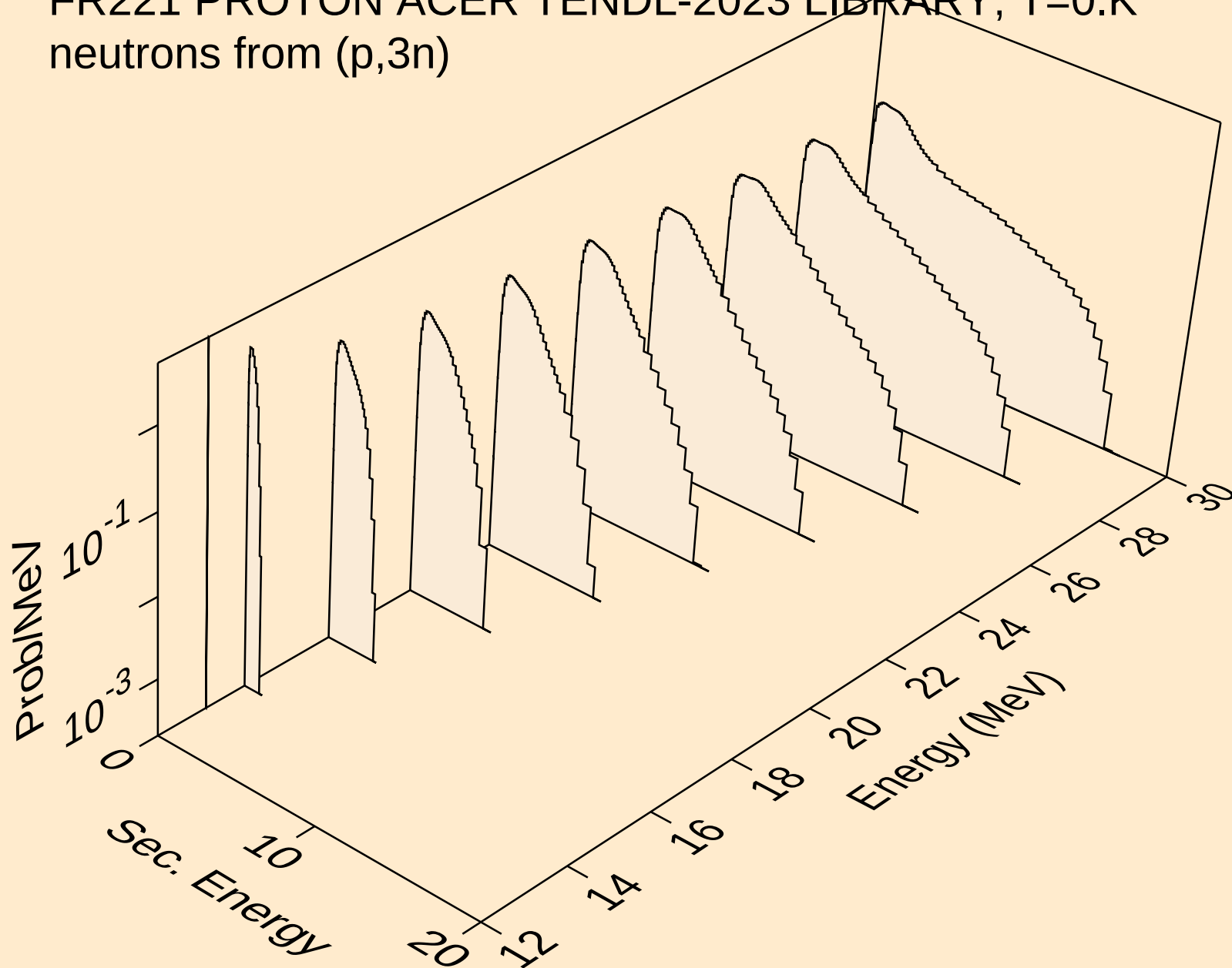
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2nd)



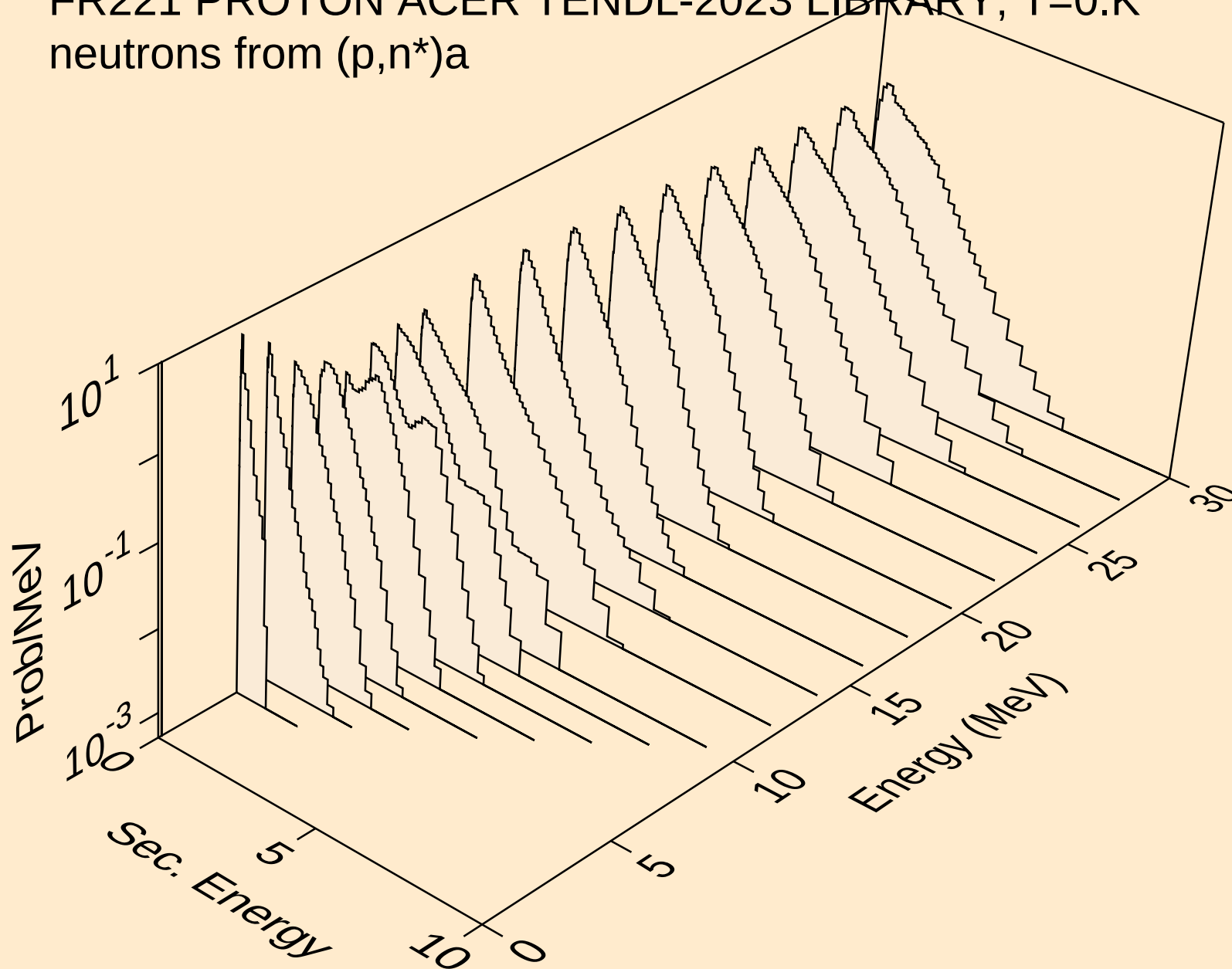
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



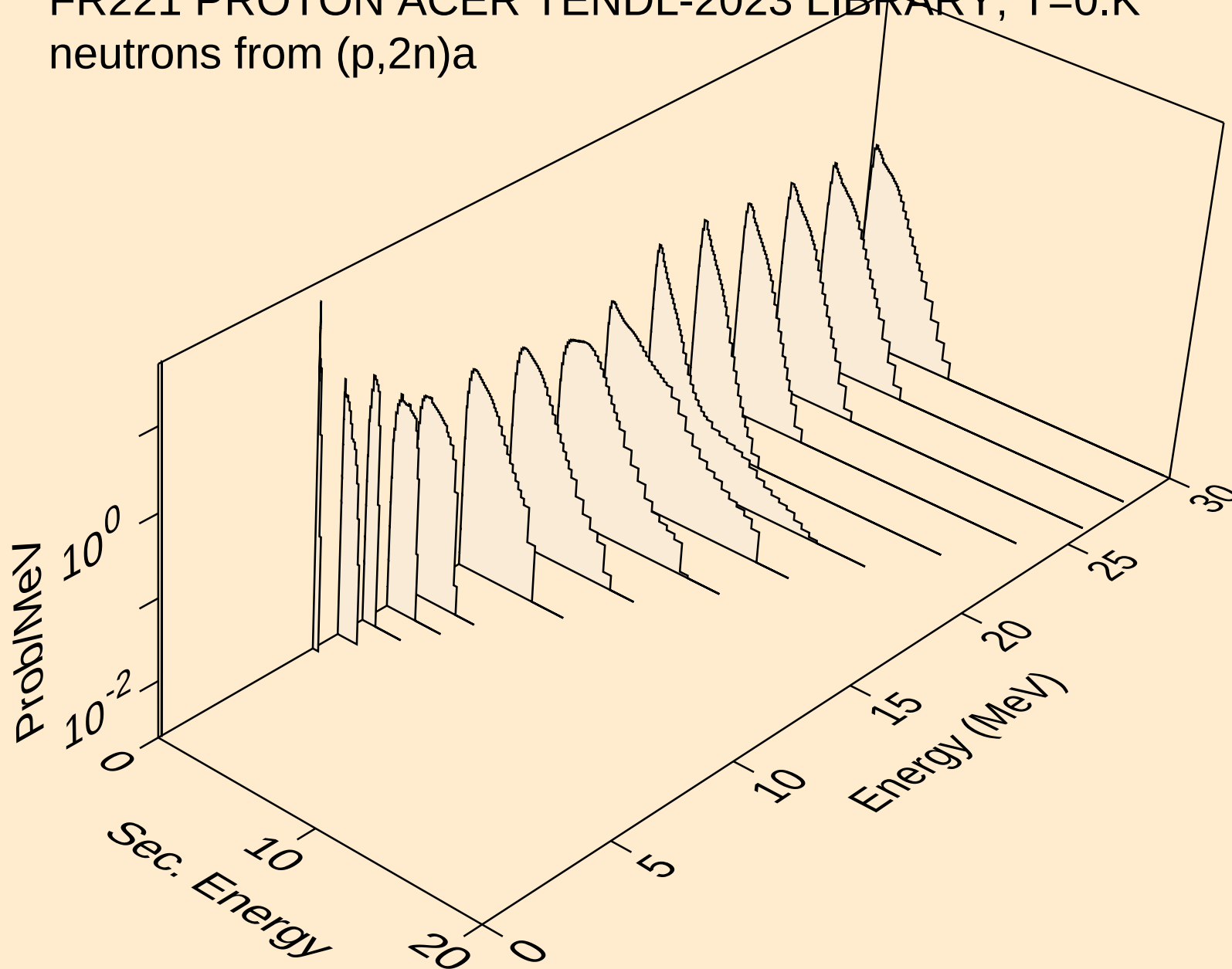
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



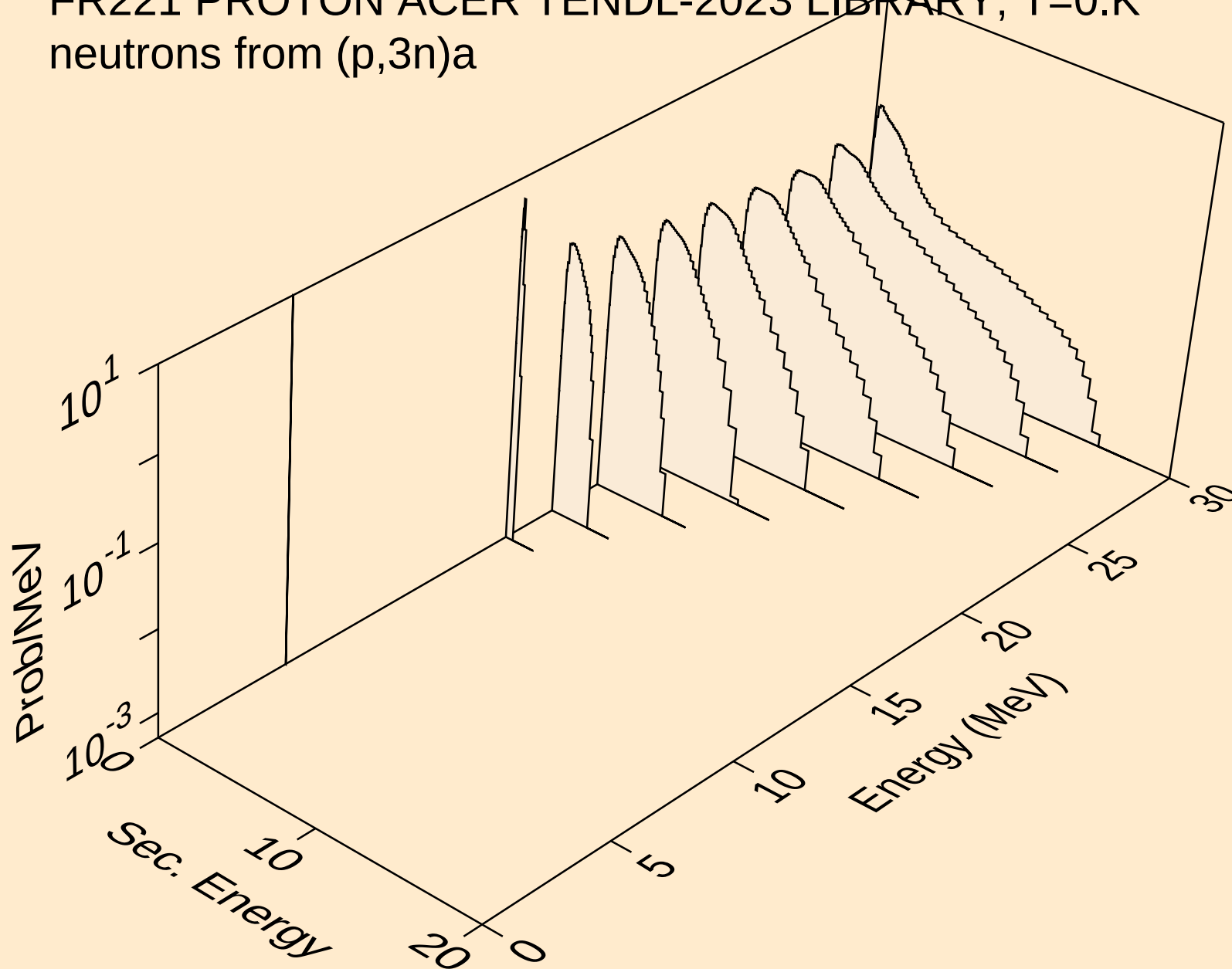
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)a



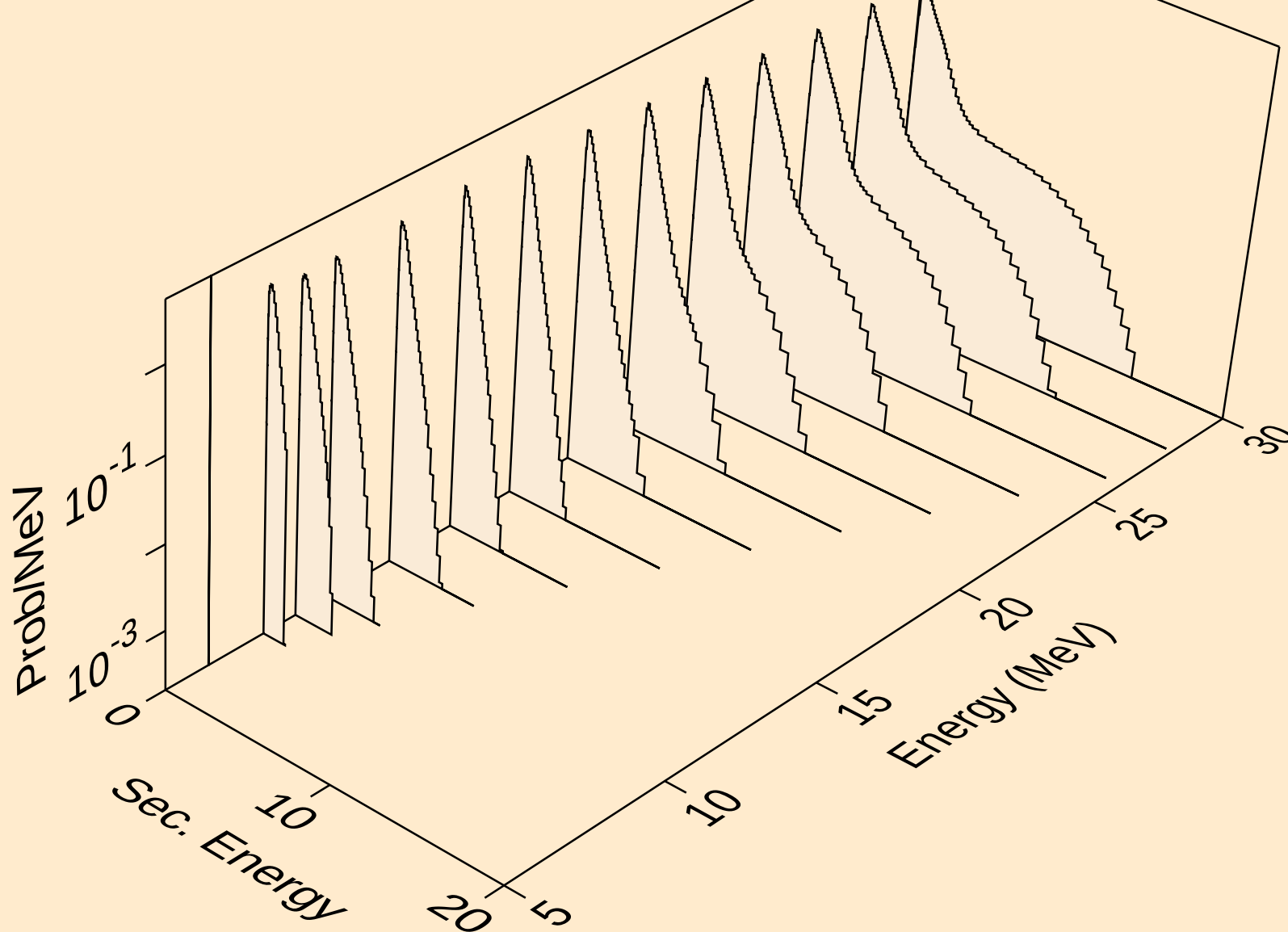
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



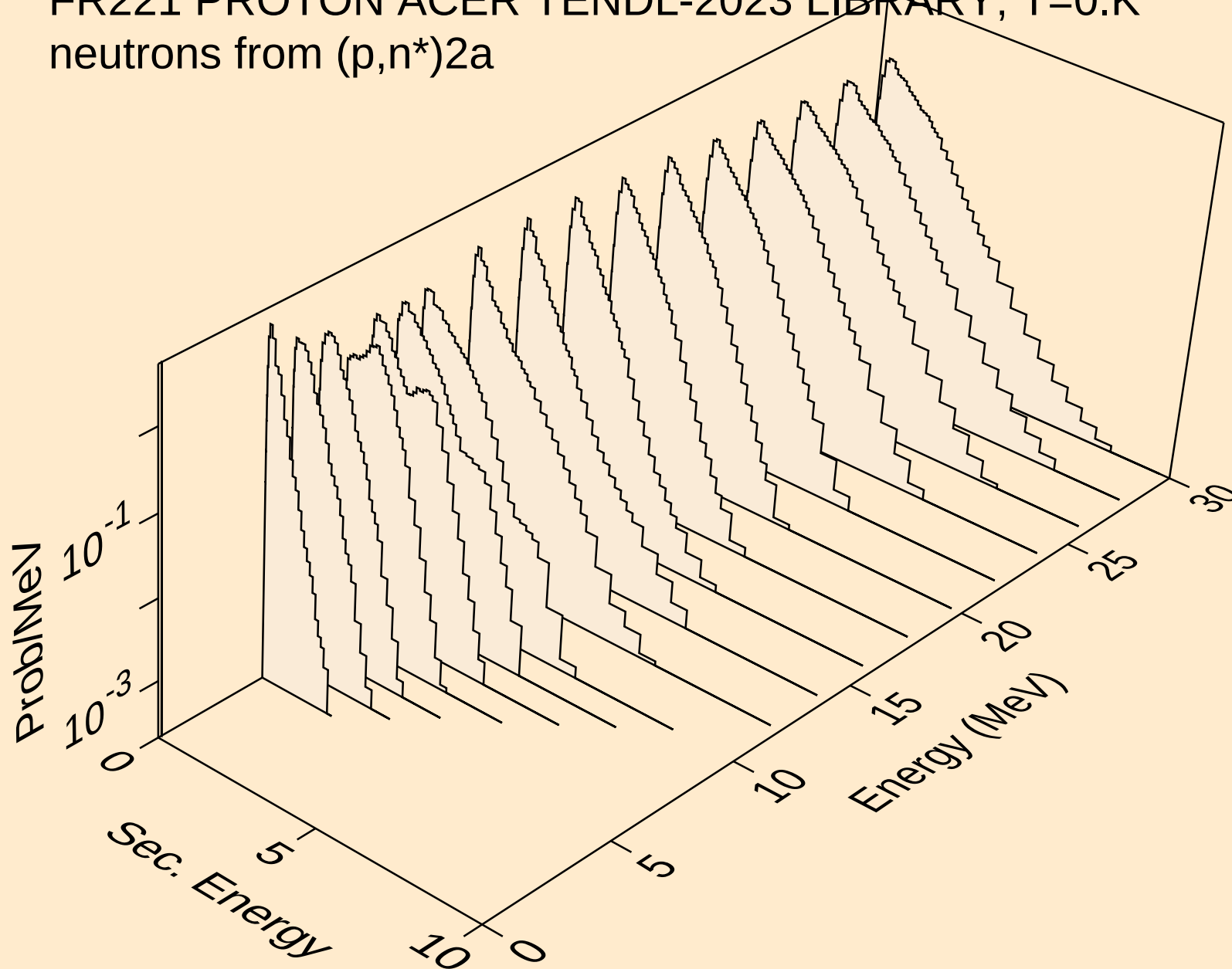
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)a



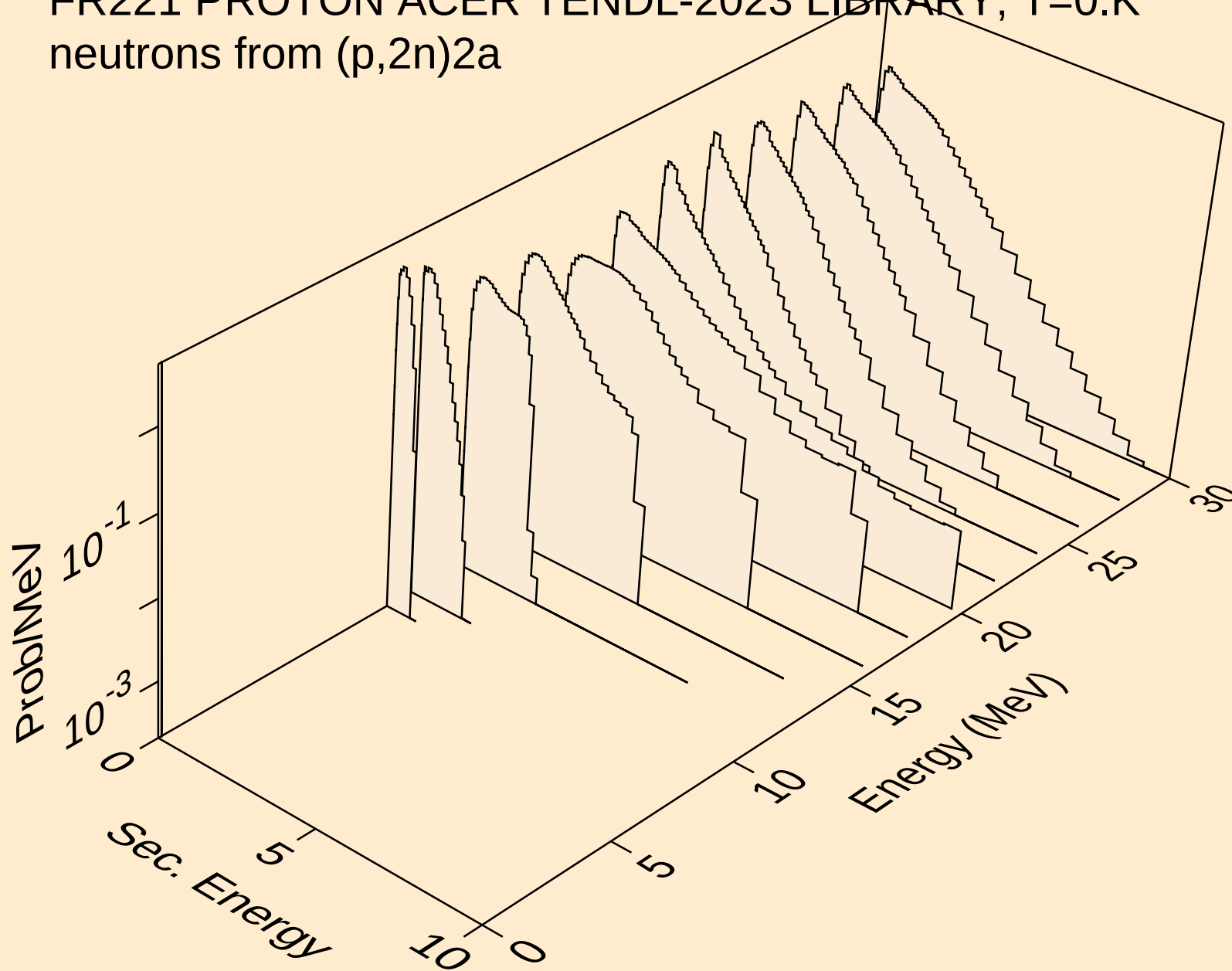
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)p



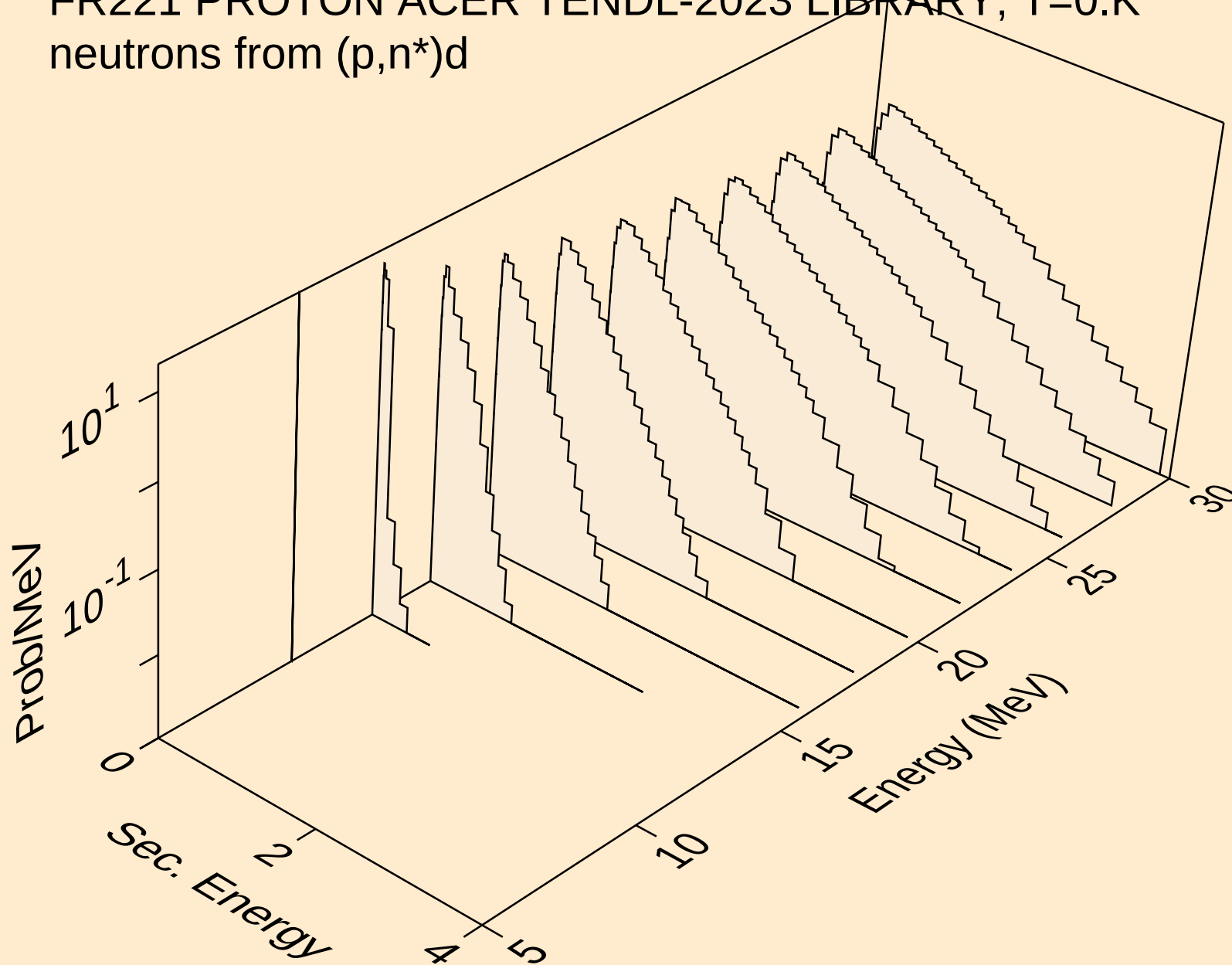
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)2a



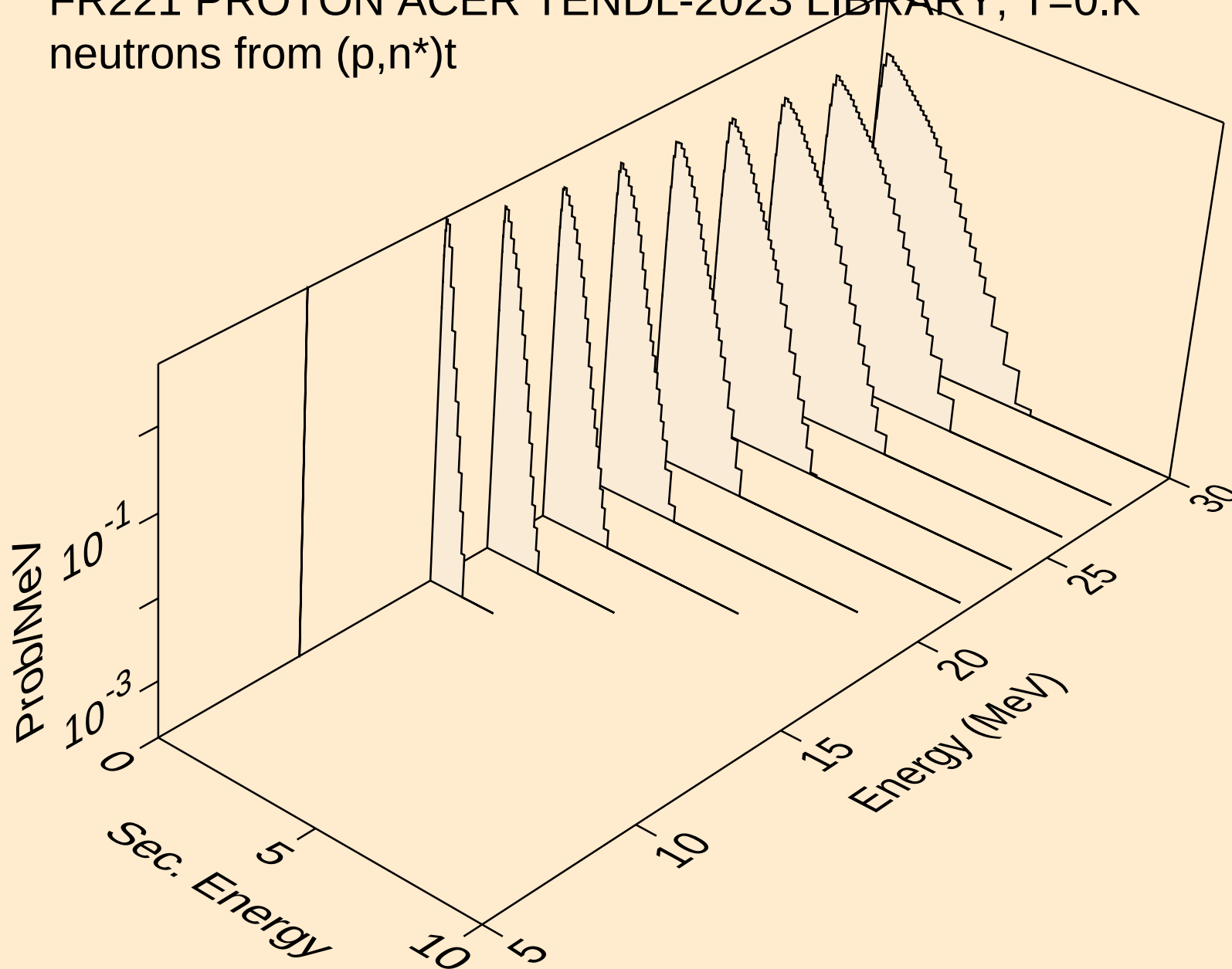
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)2a



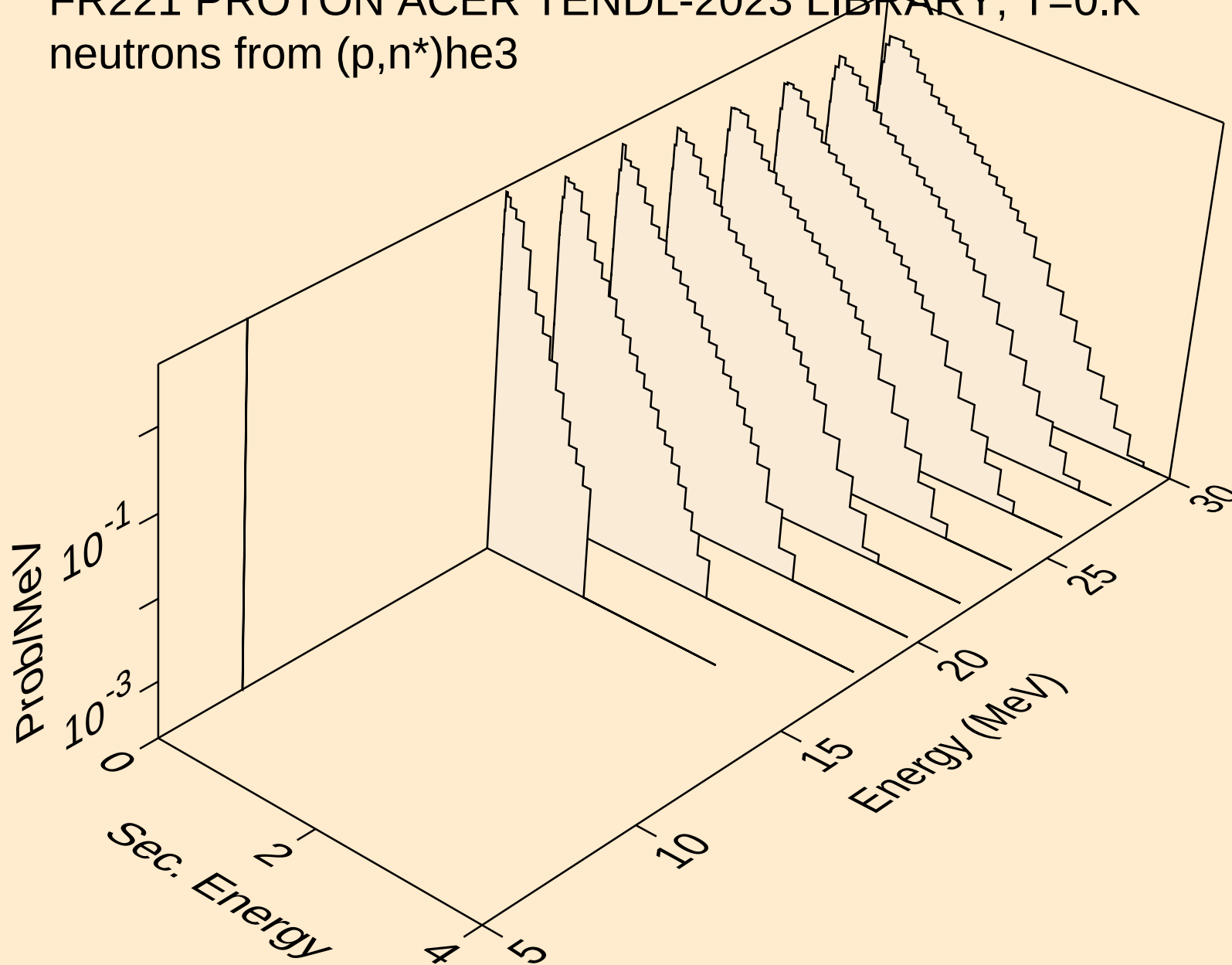
FR221 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)d$



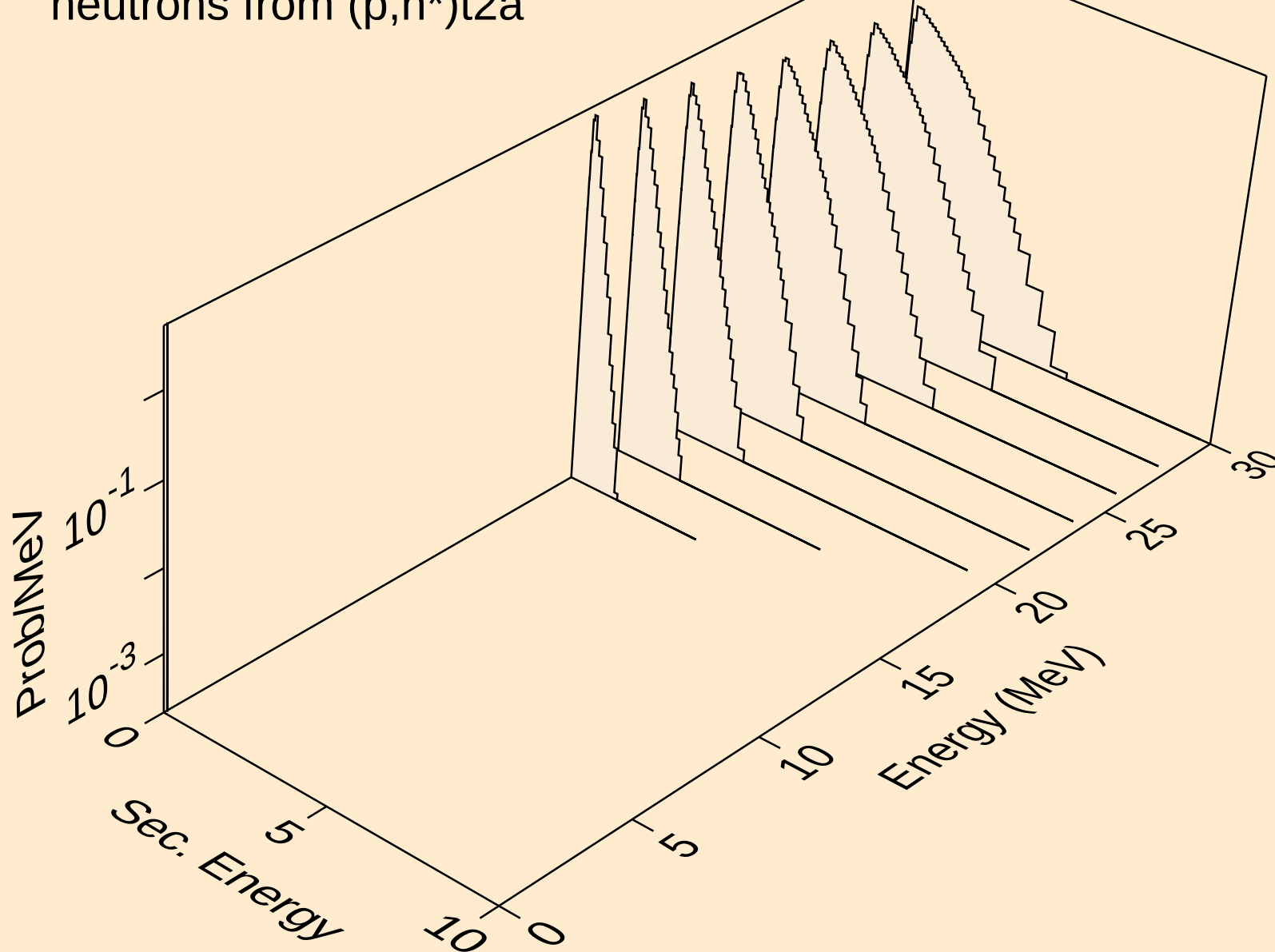
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t



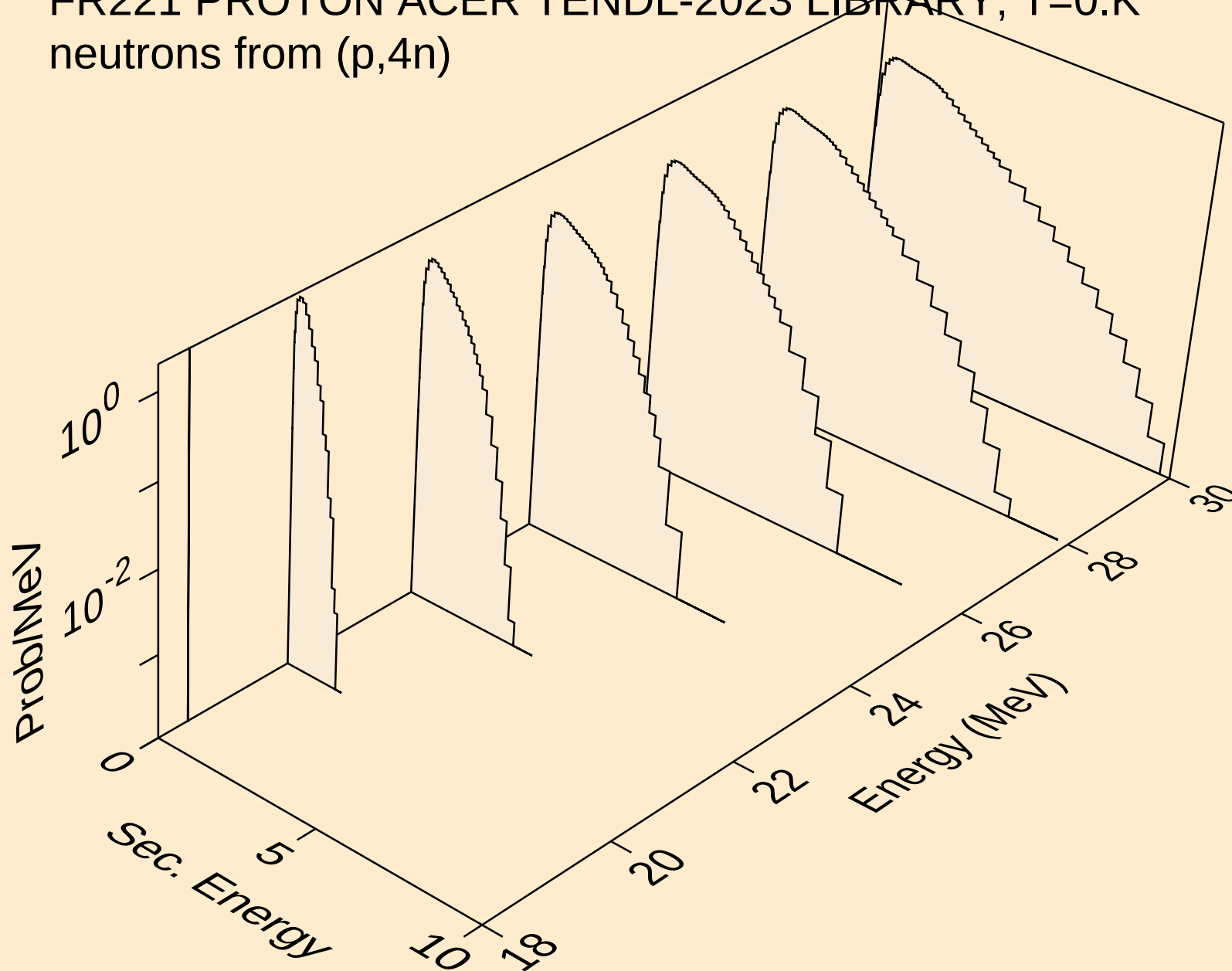
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



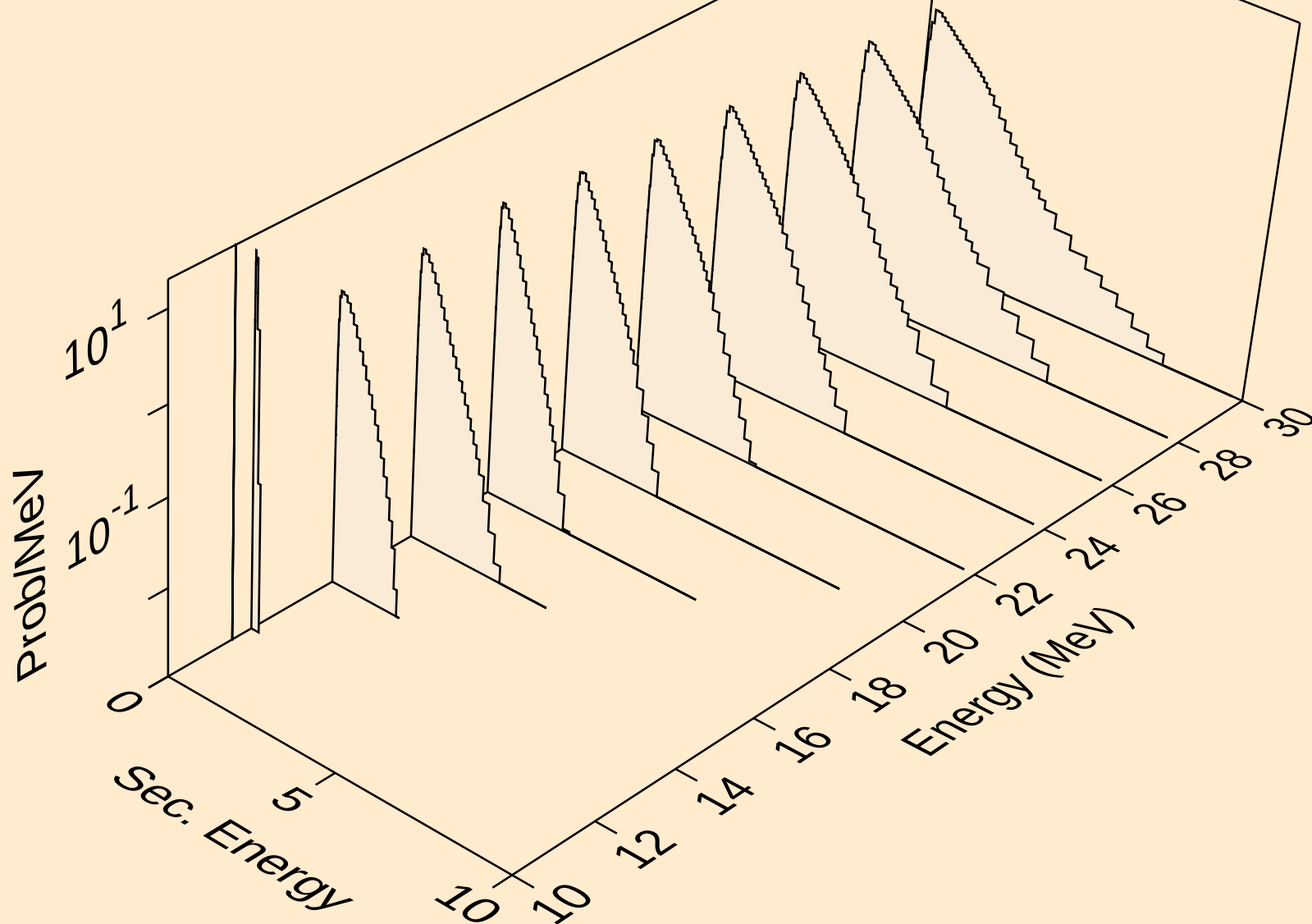
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t2a



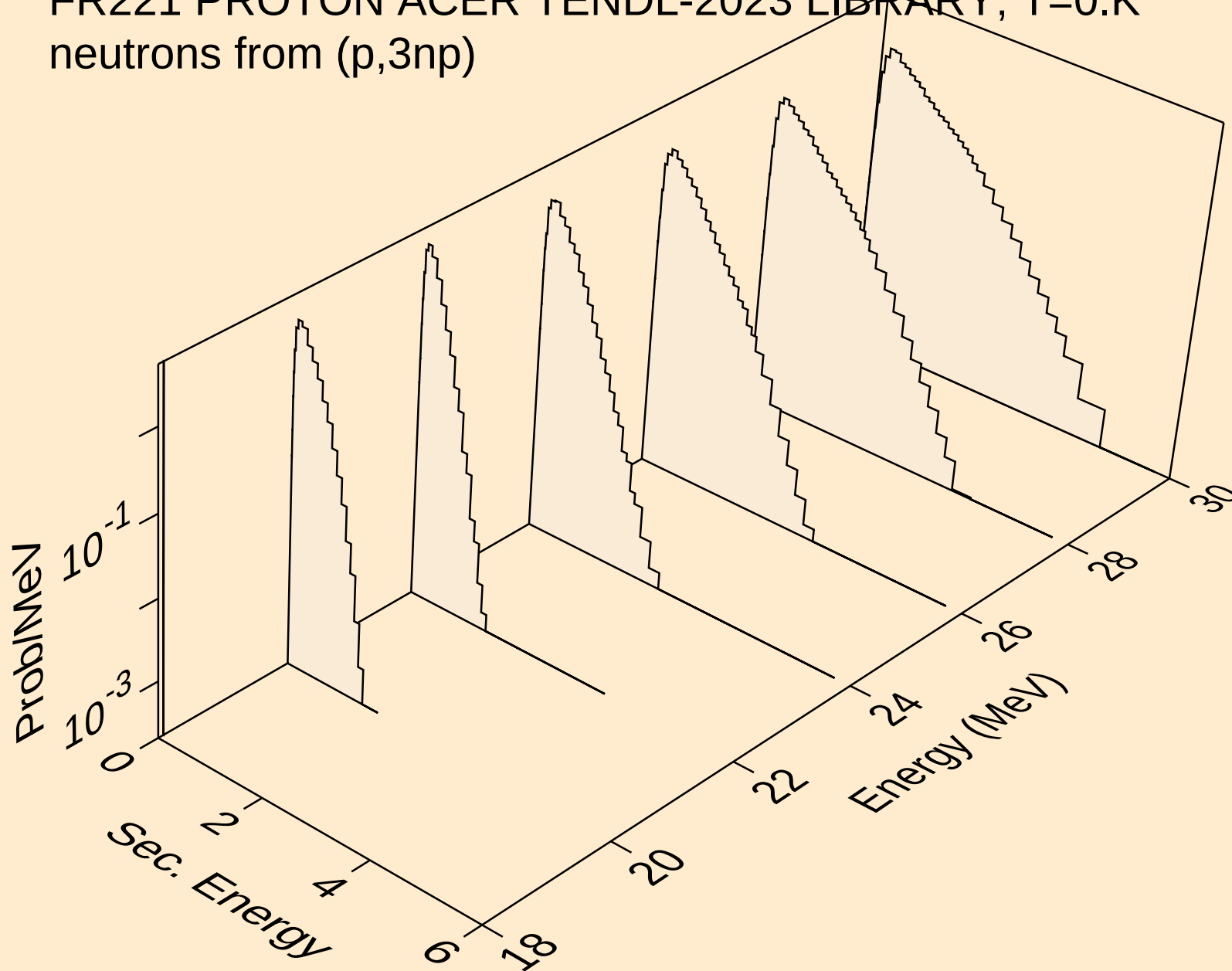
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,4n)



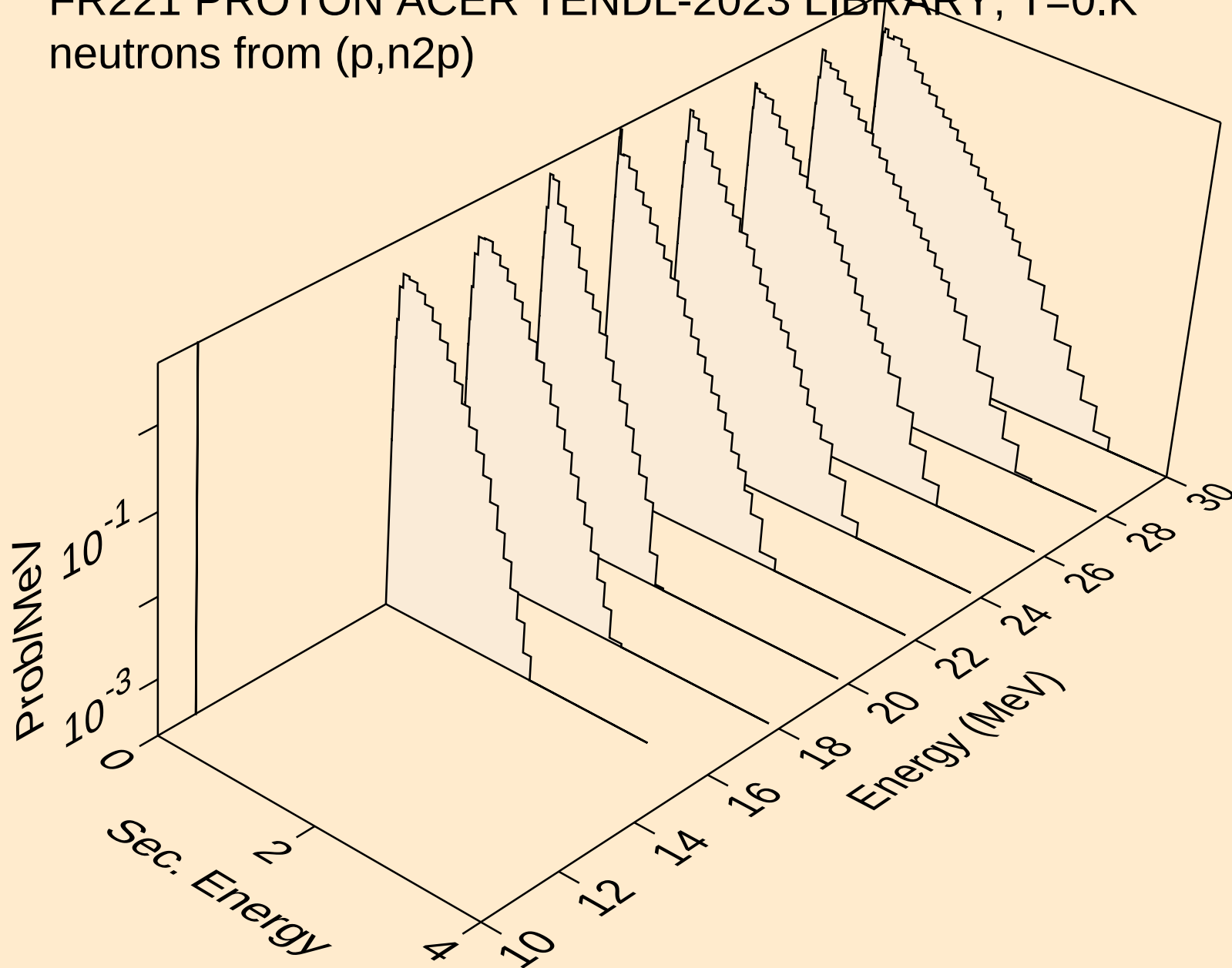
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2np)



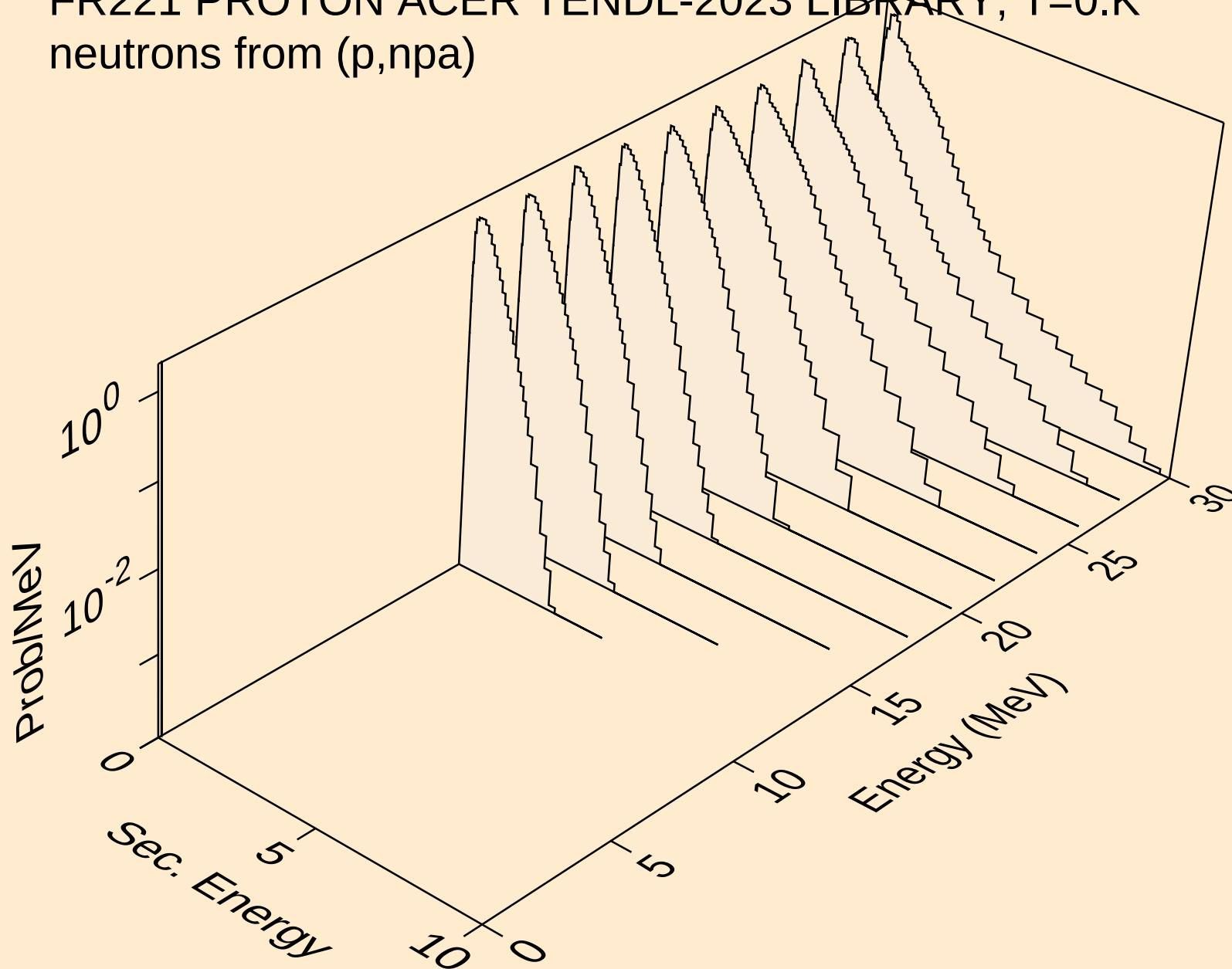
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3np)



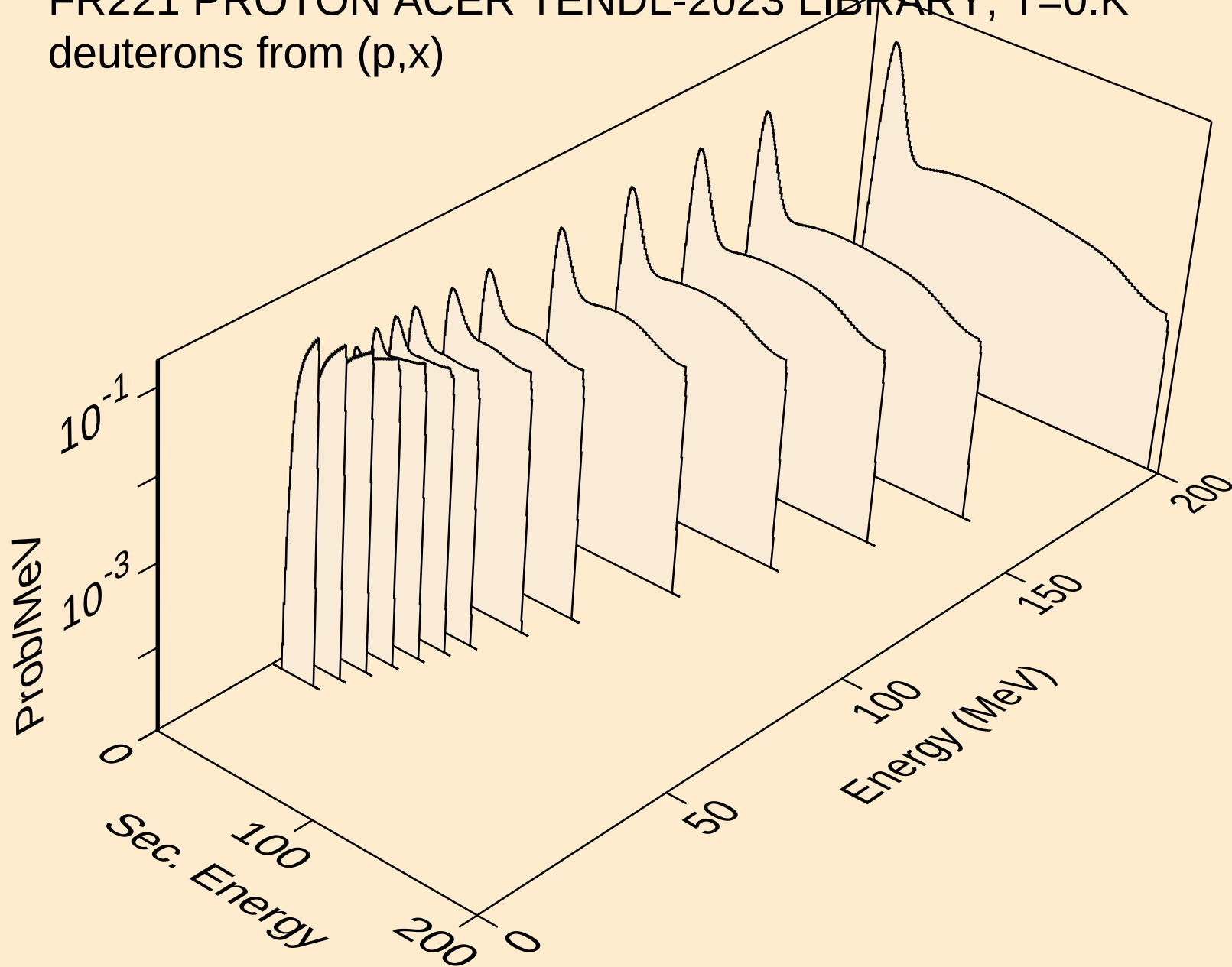
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neutrons from (p,n2p)



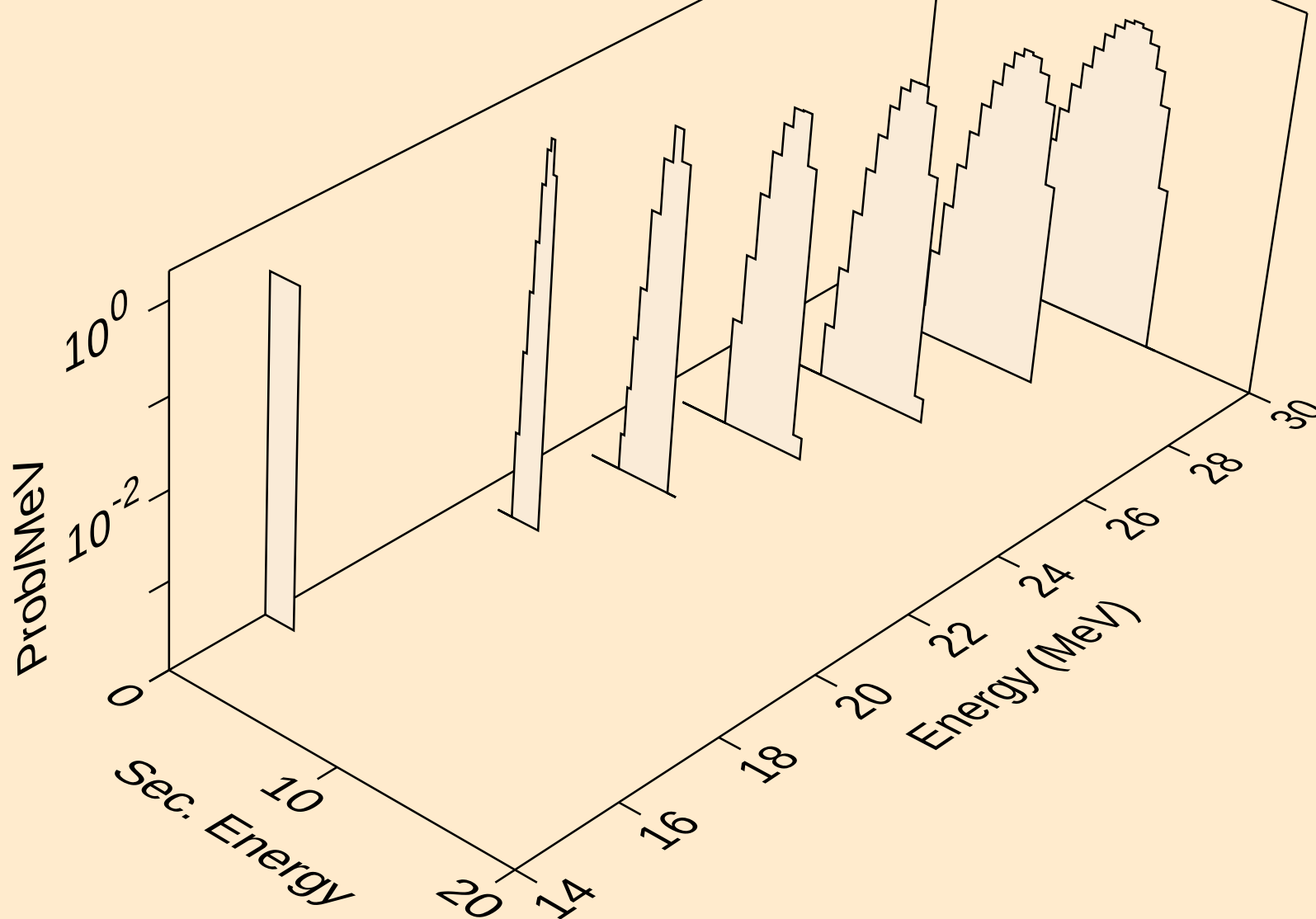
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,npa)



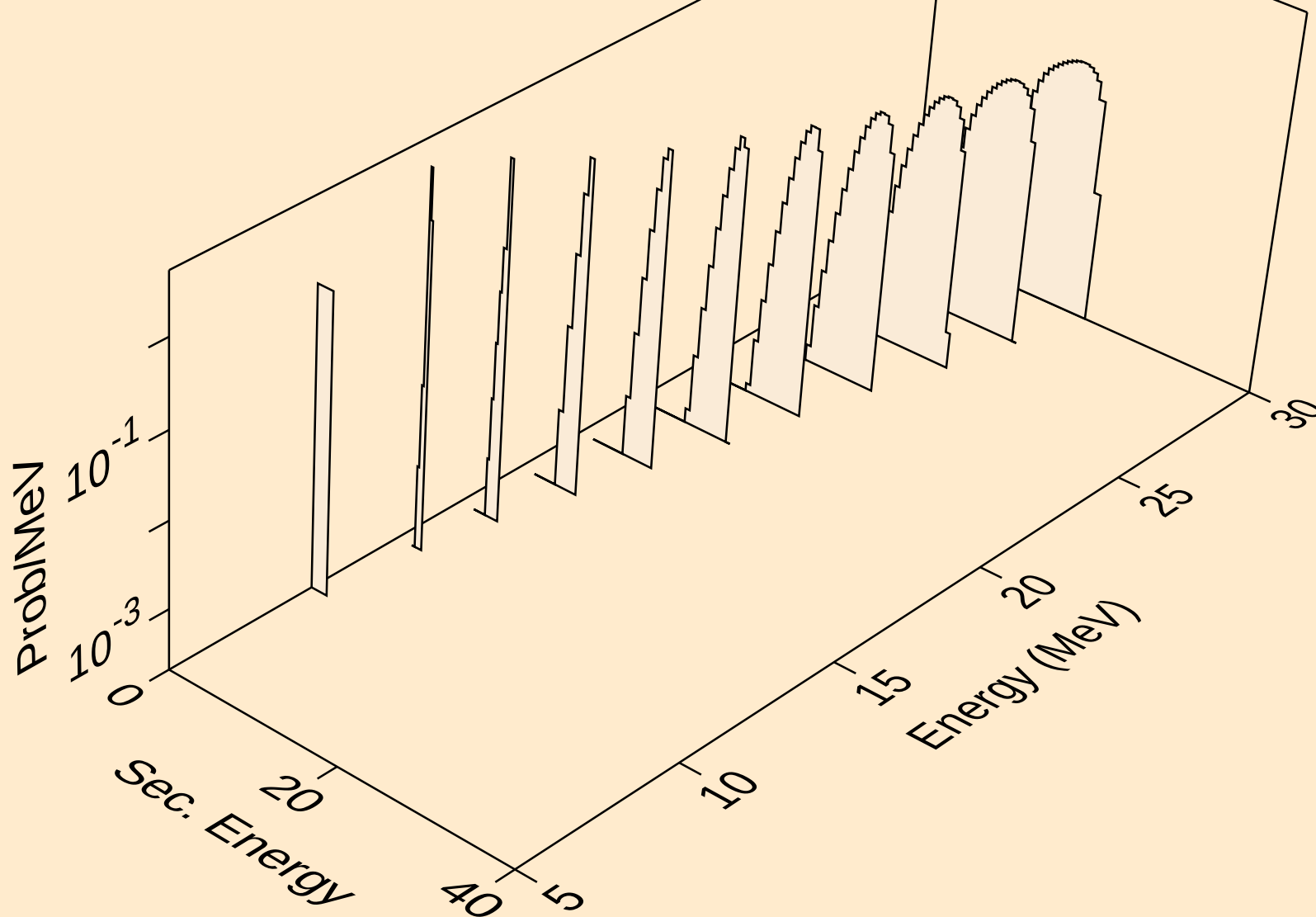
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



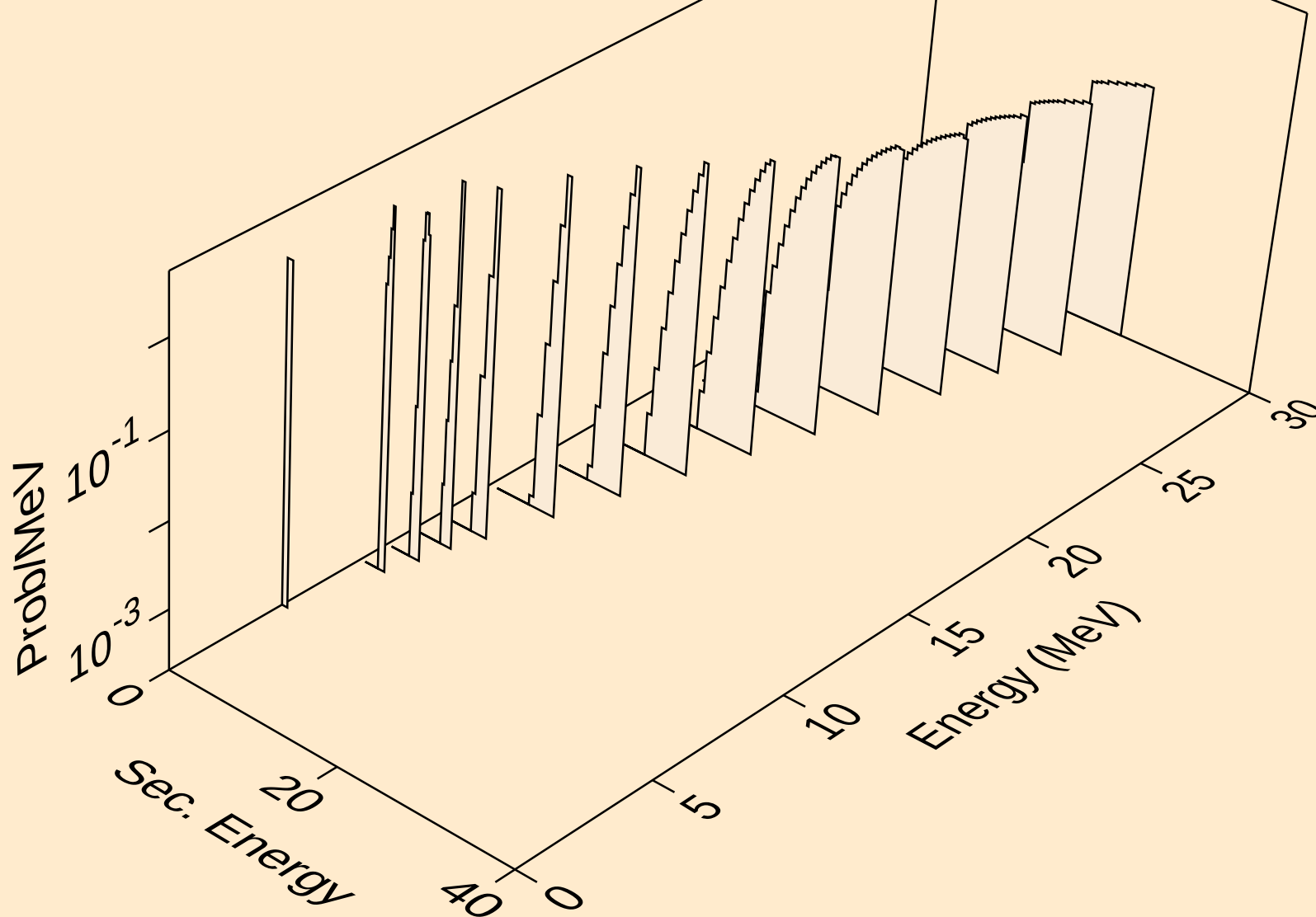
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deuterons from (p,2nd)



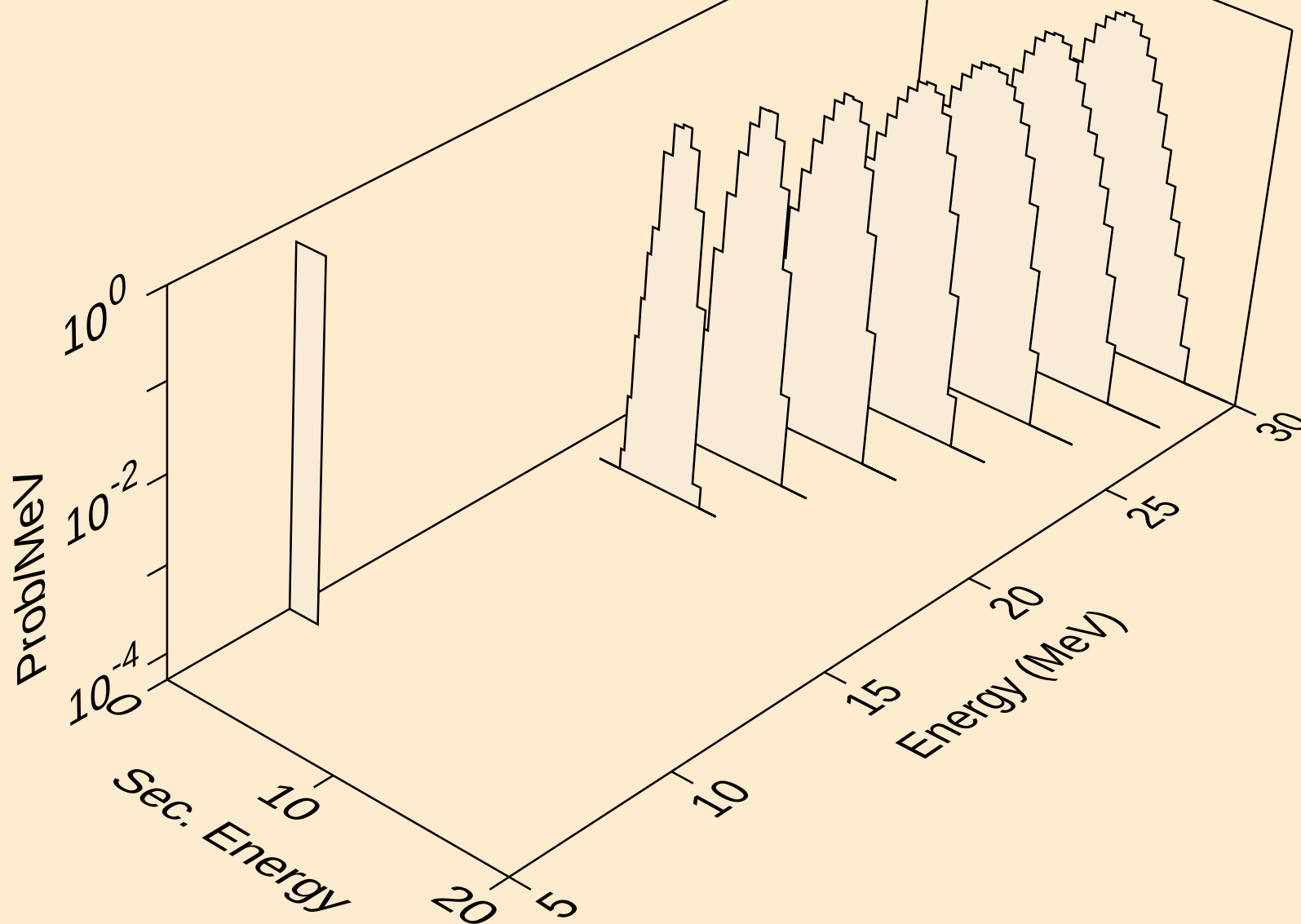
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deuterons from $(p,n^*)d$



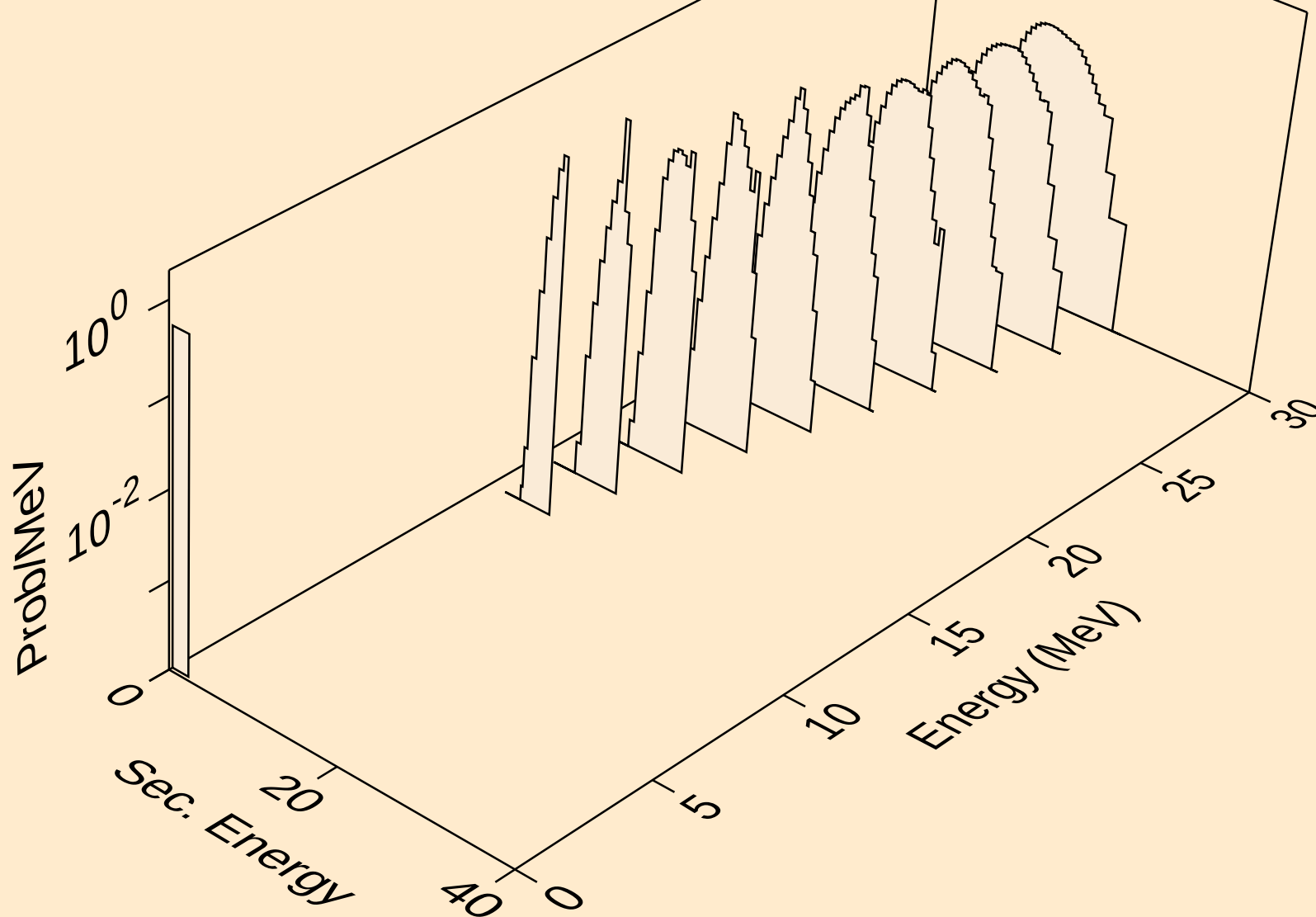
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deuterons from (p,d)



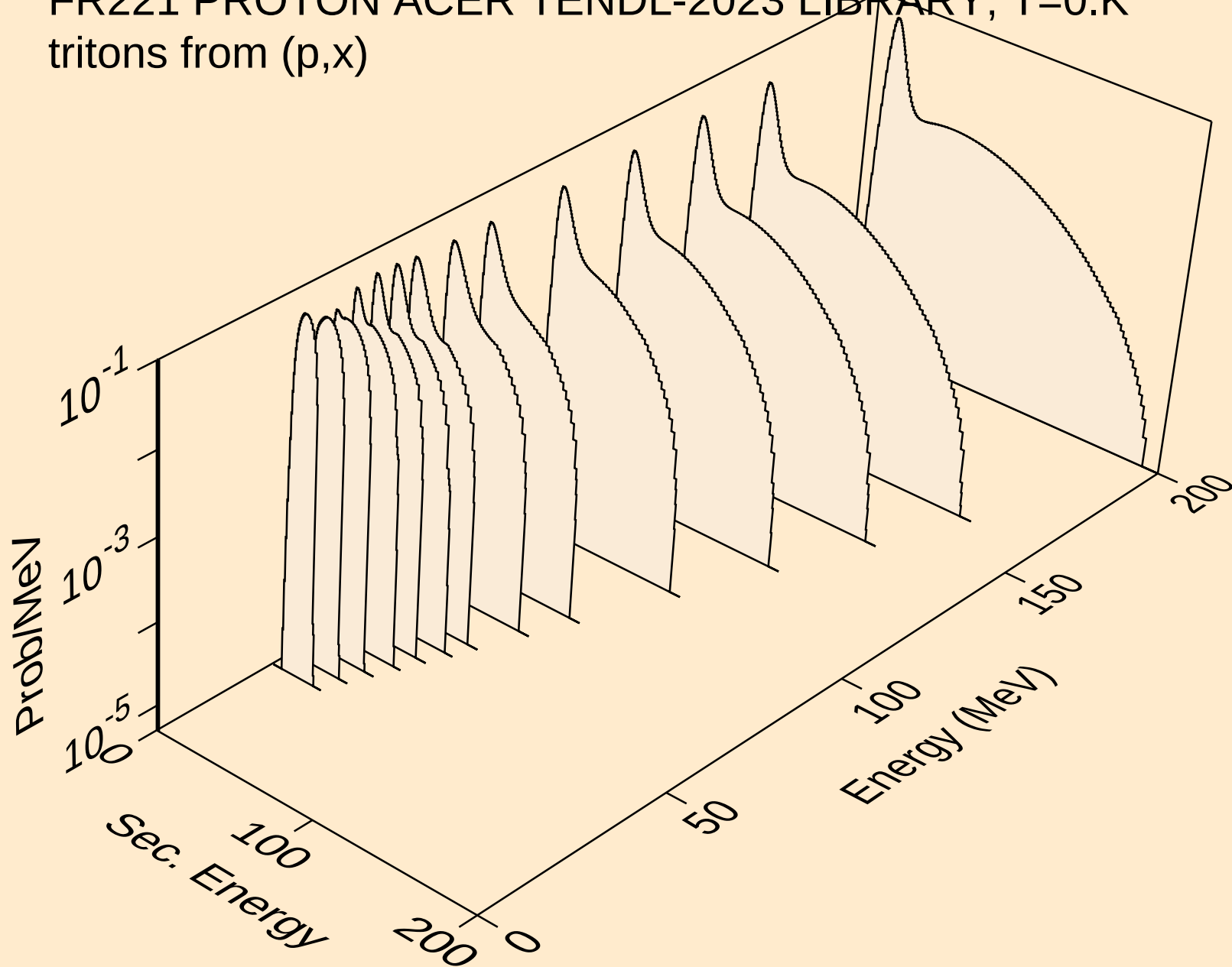
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,pd)



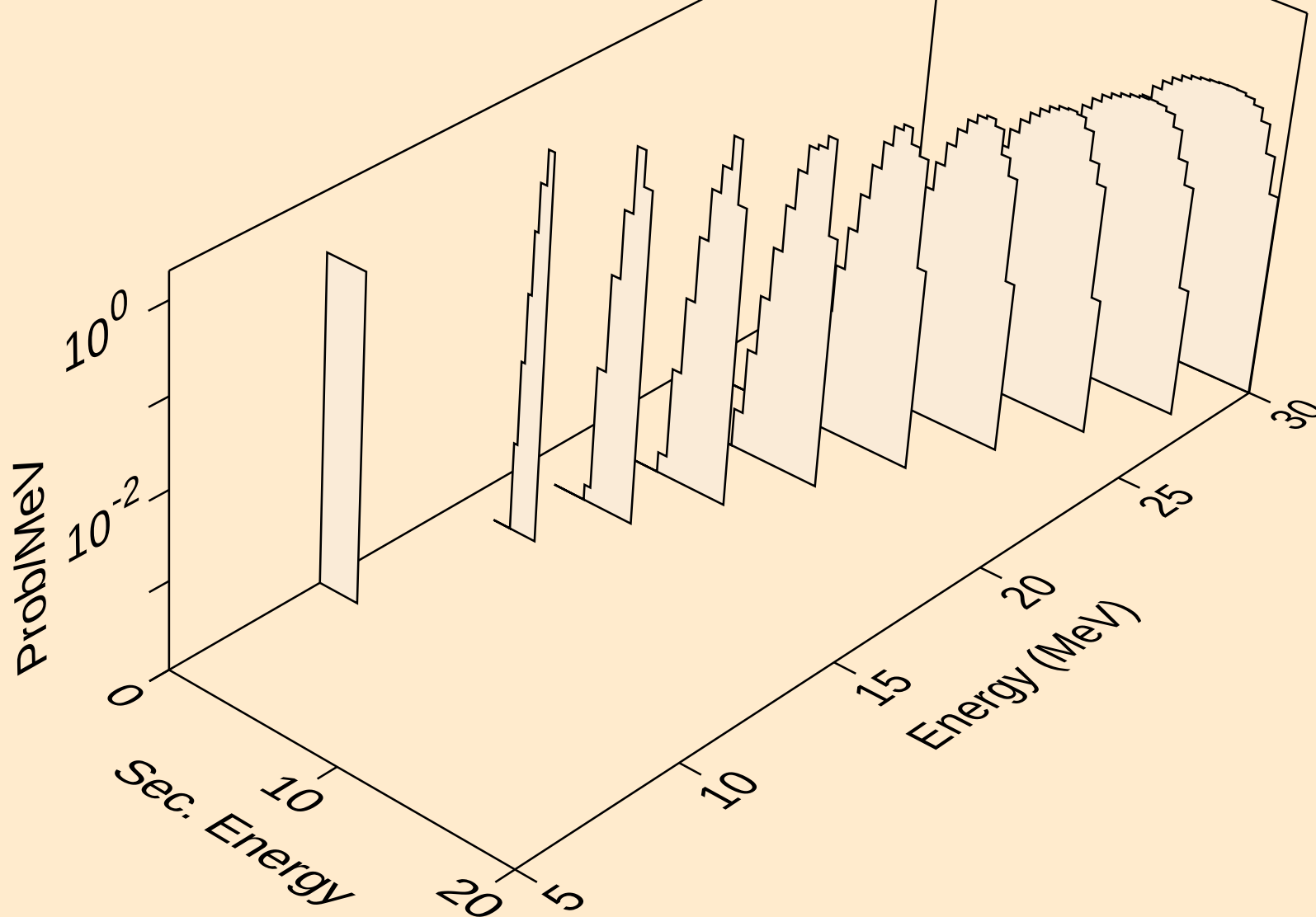
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deuterons from (p,da)



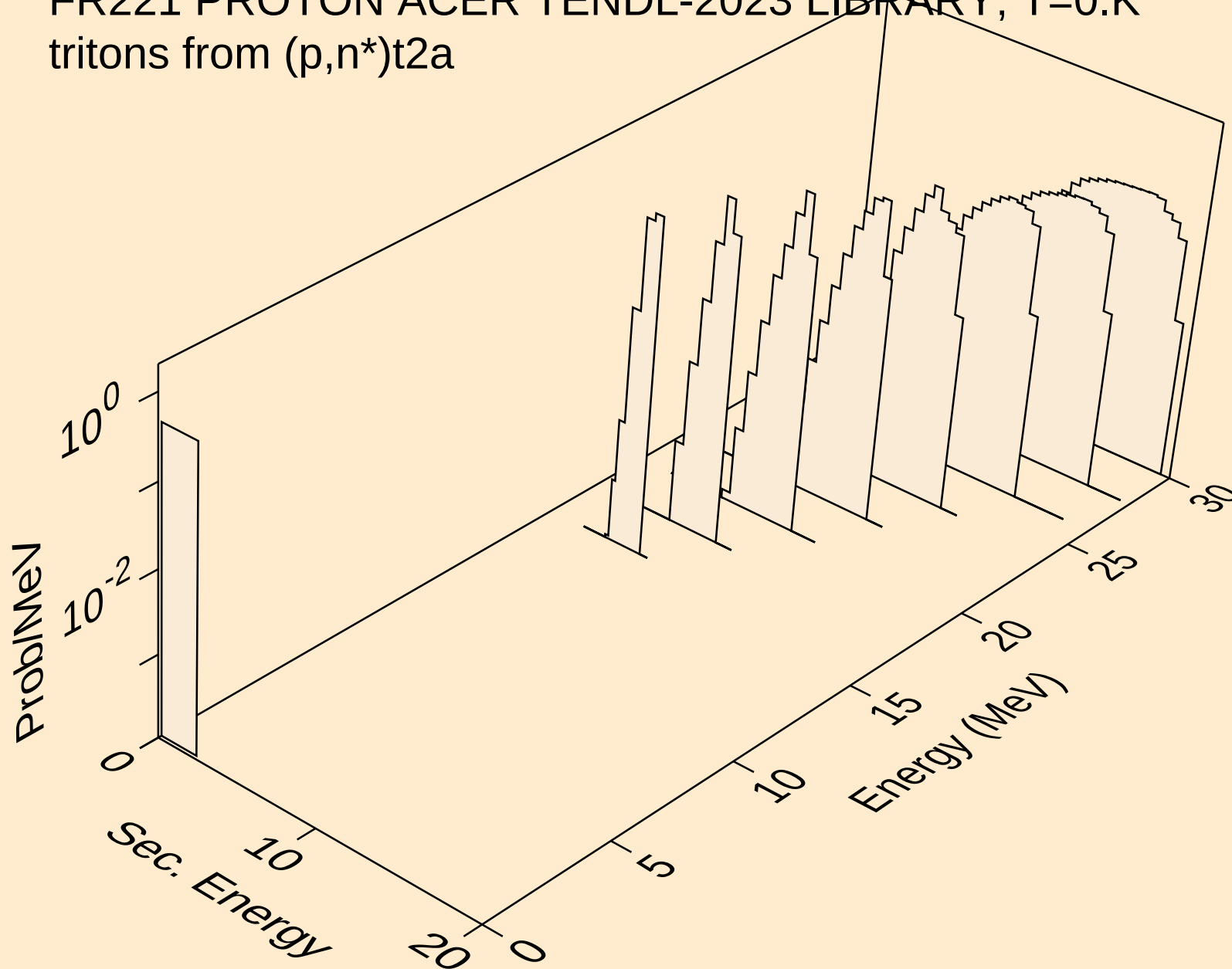
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tritons from (p,x)



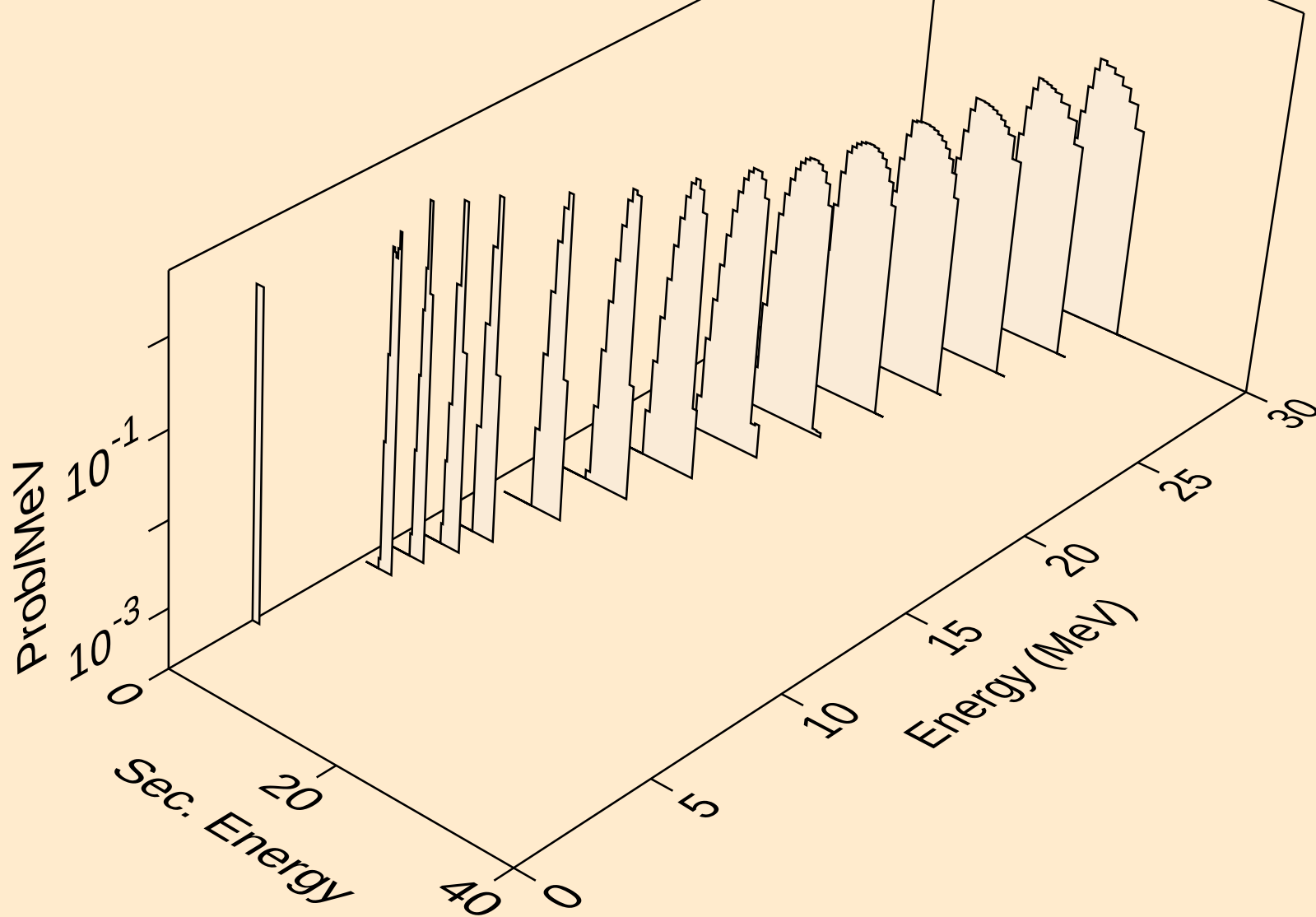
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t



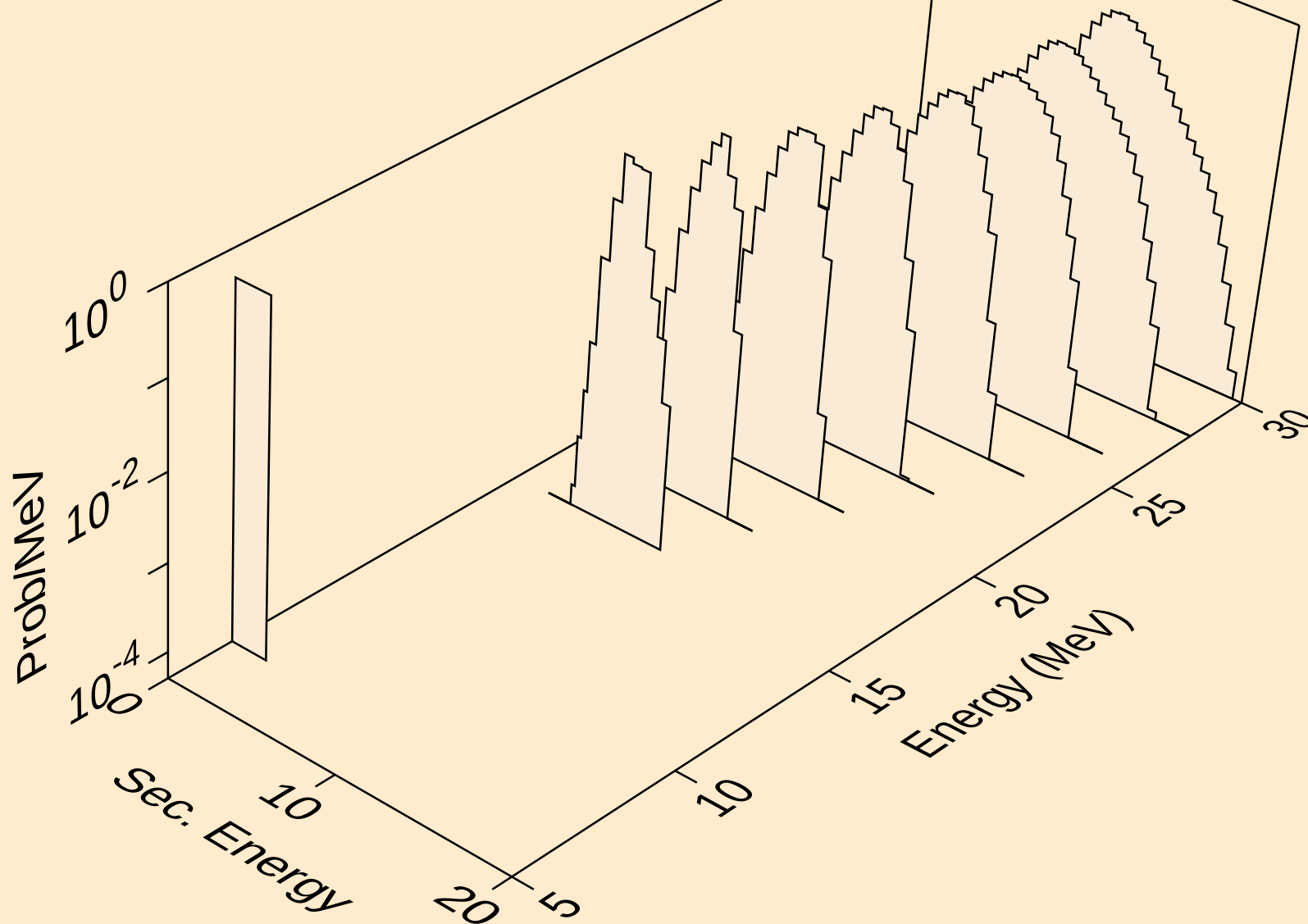
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t2a



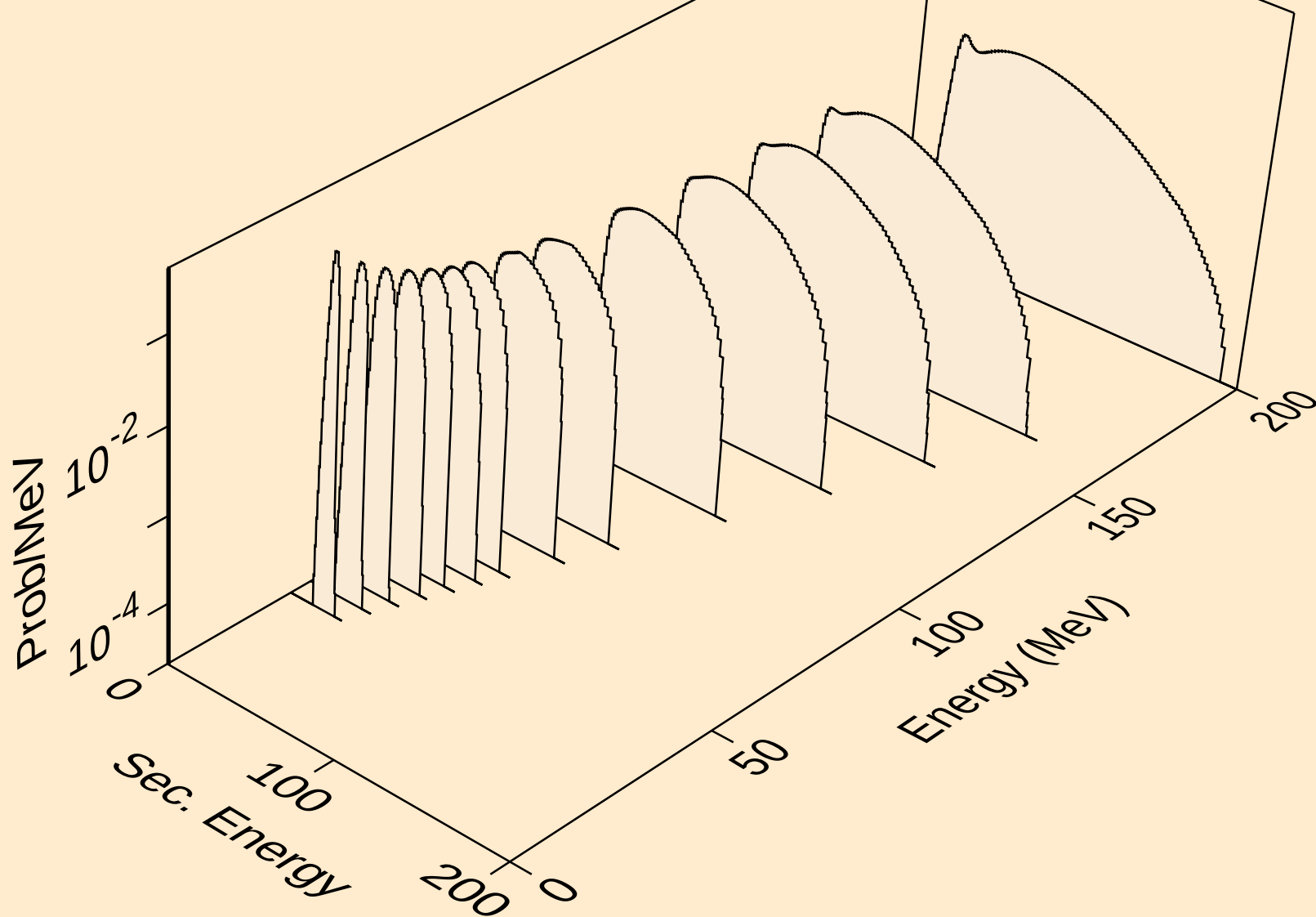
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



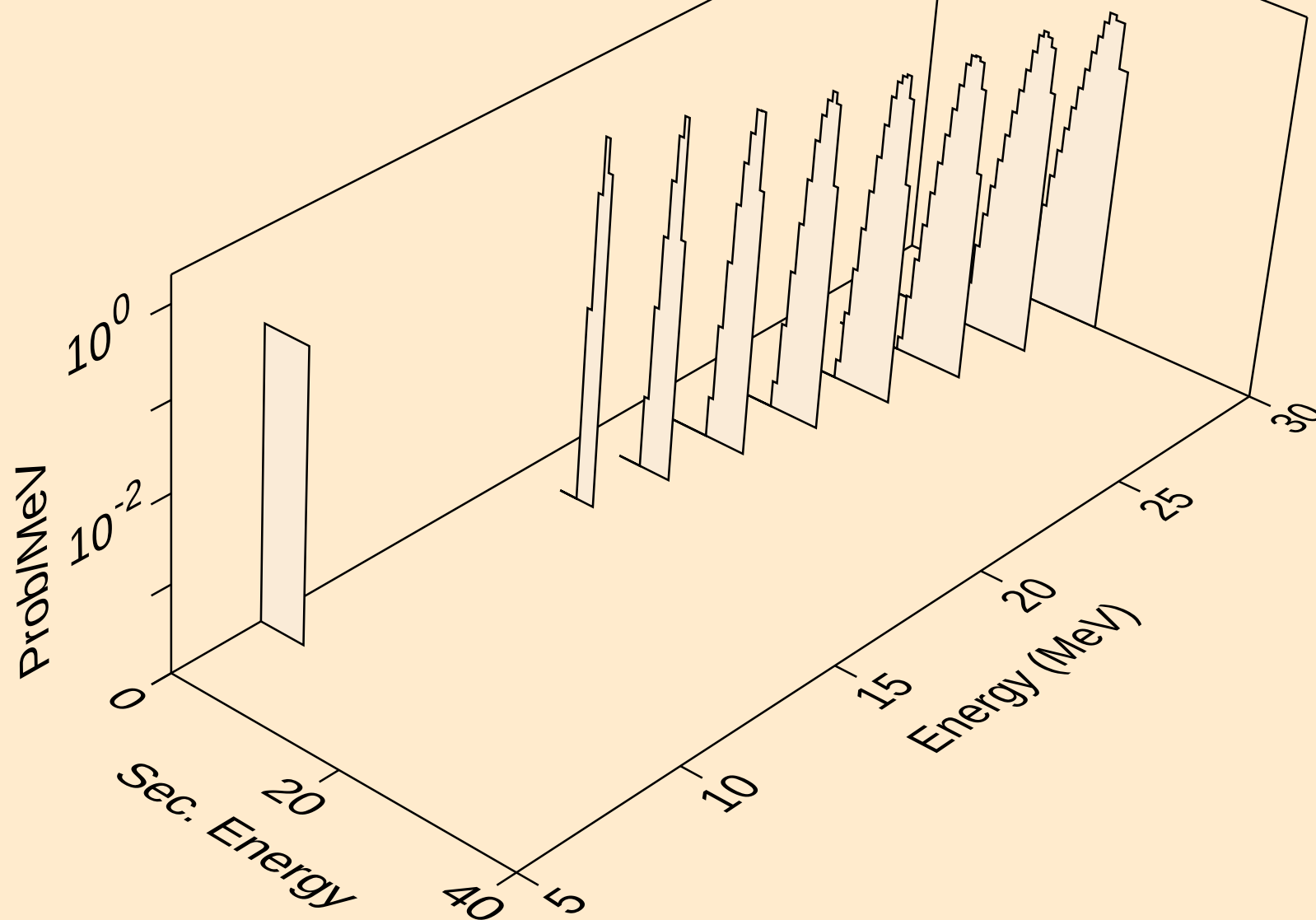
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tritons from (p,pt)



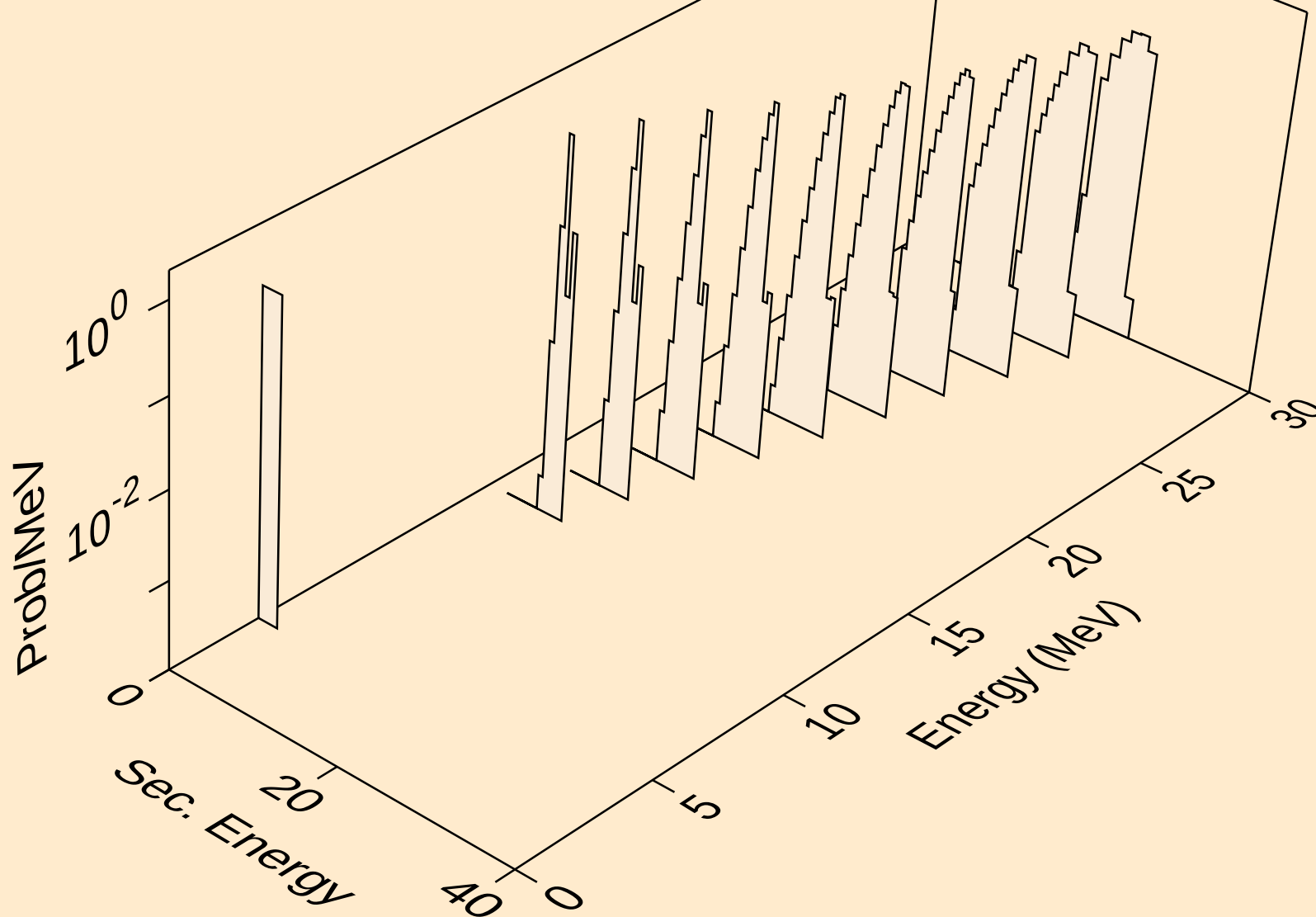
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



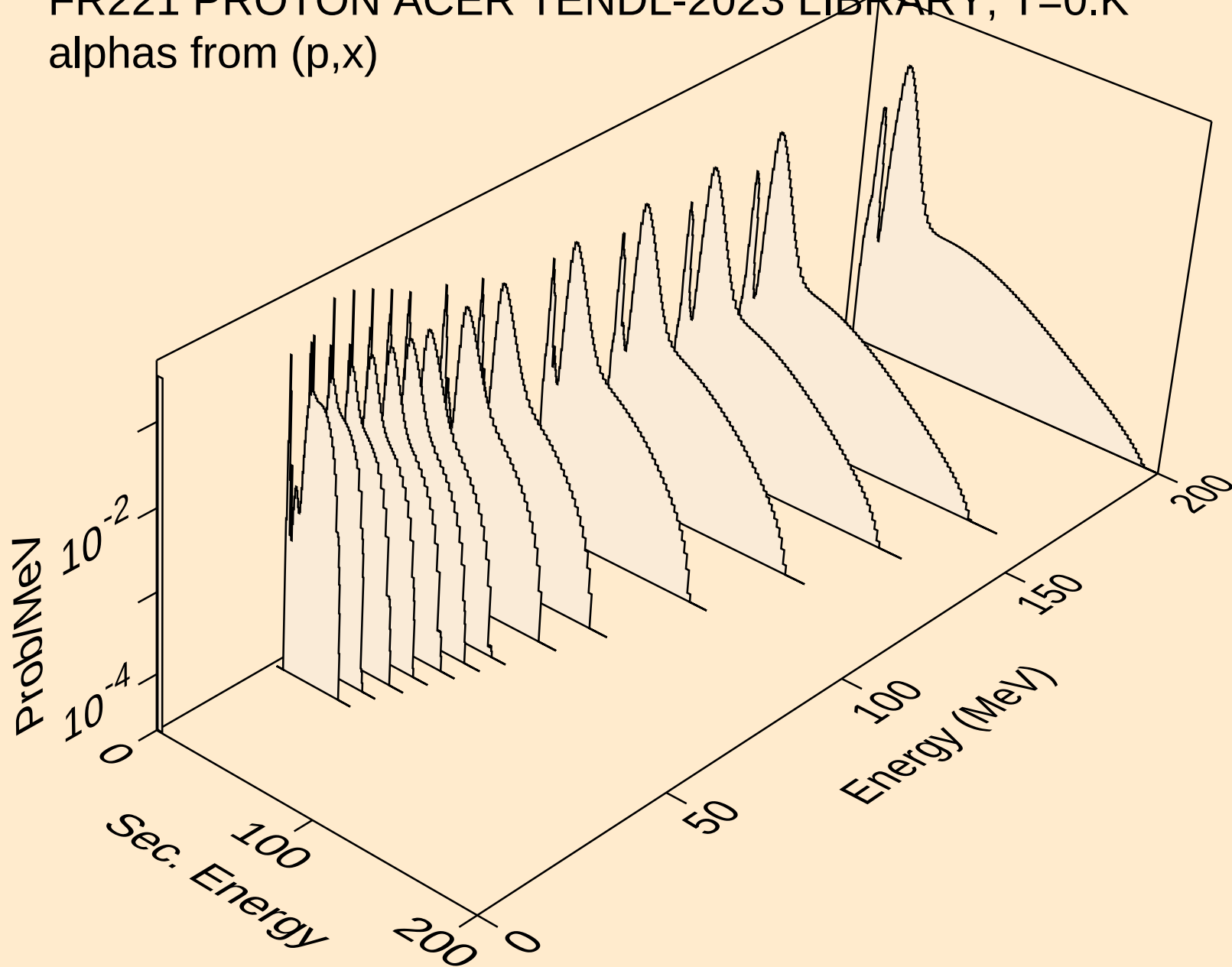
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



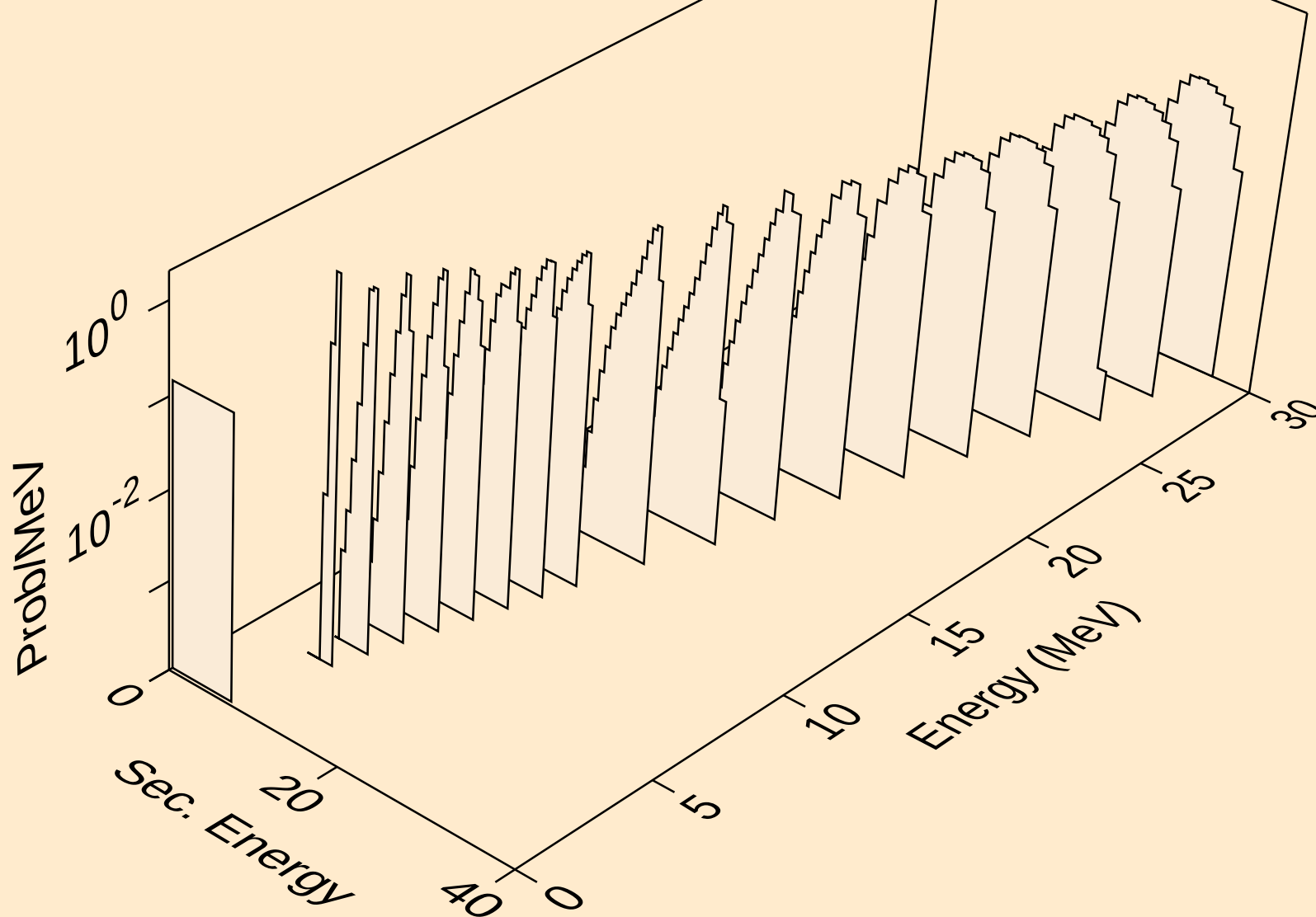
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he3s from (p,he3)



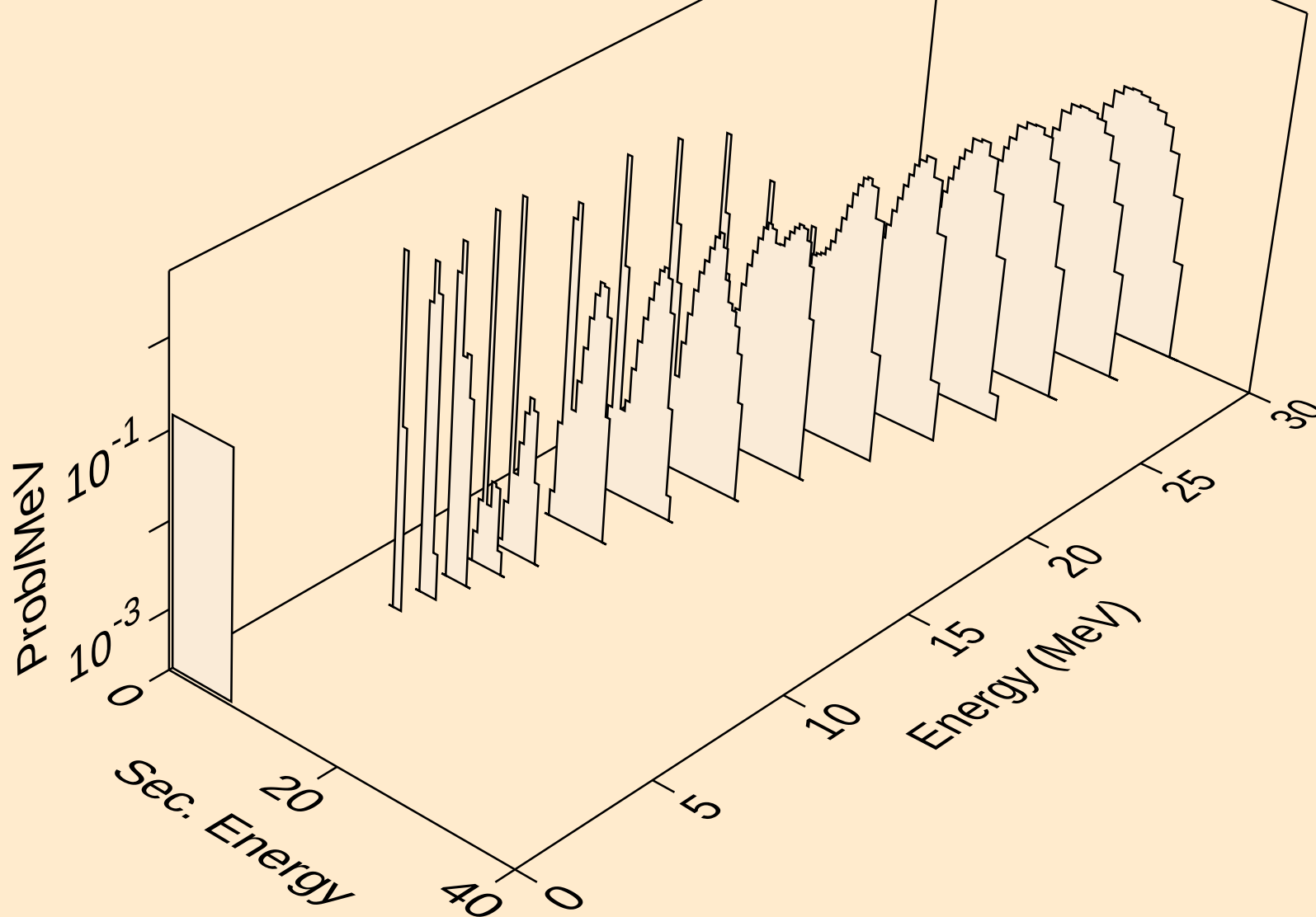
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



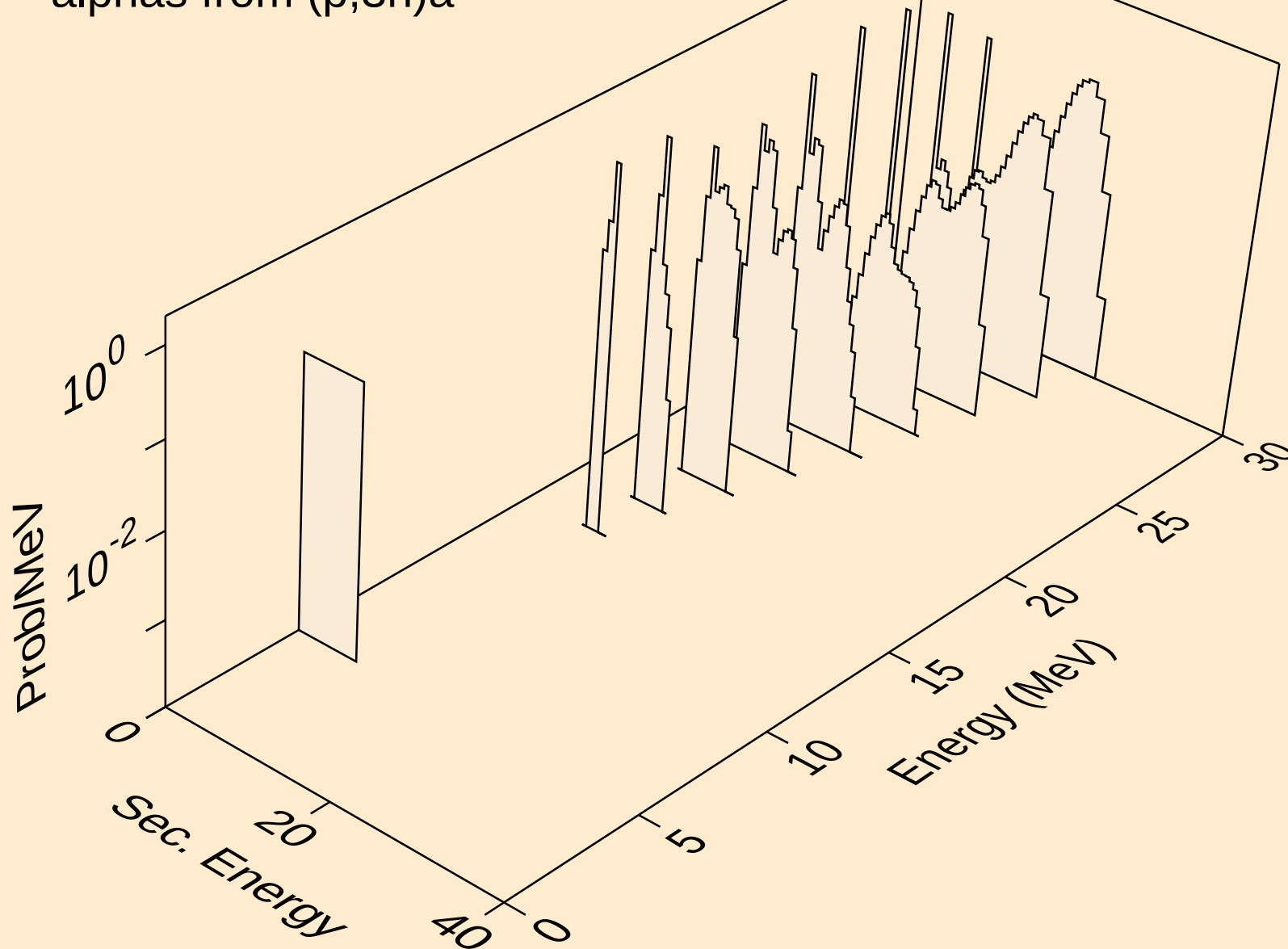
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alphas from (p,n*)a



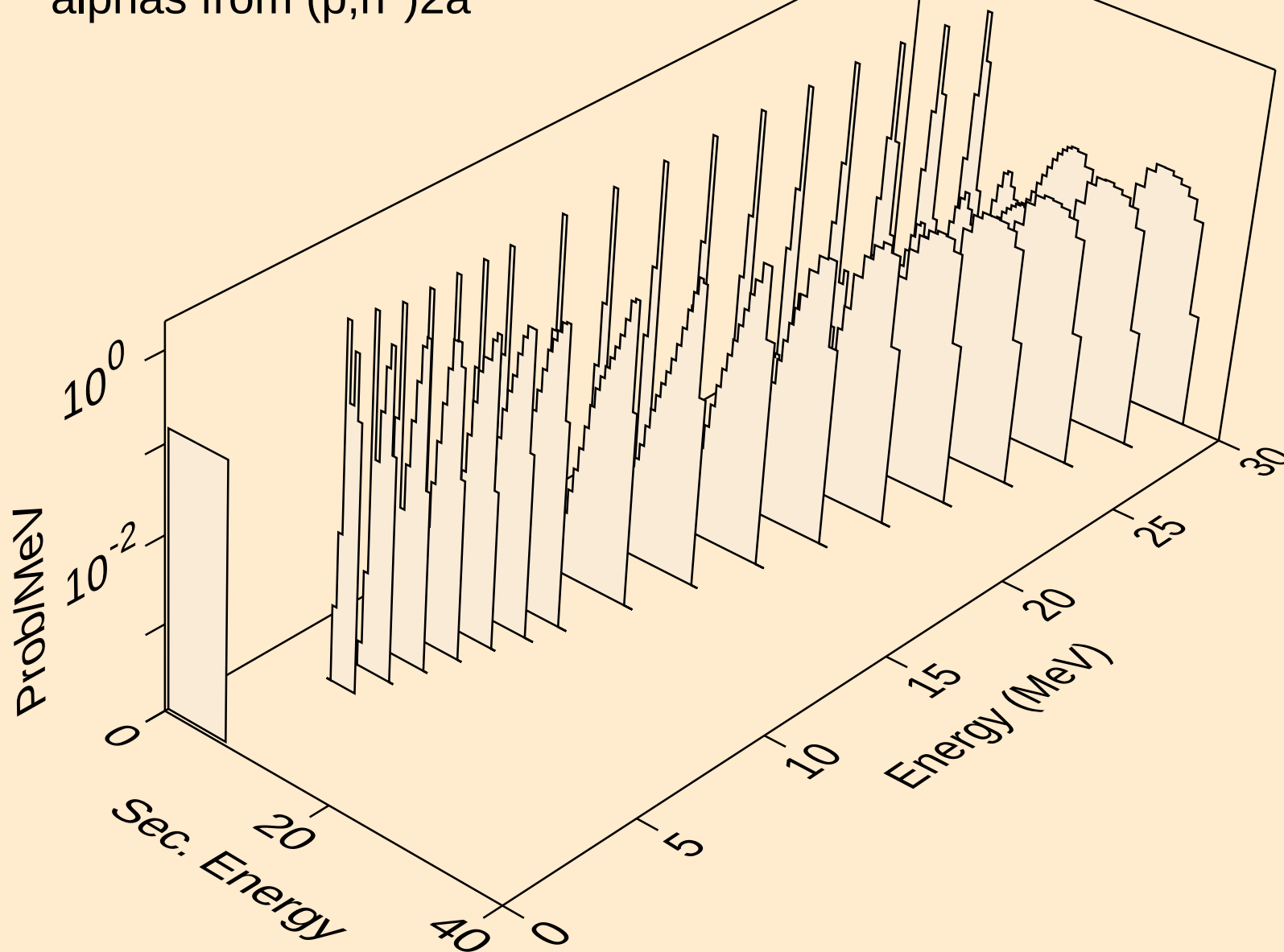
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alphas from (p,2n)a



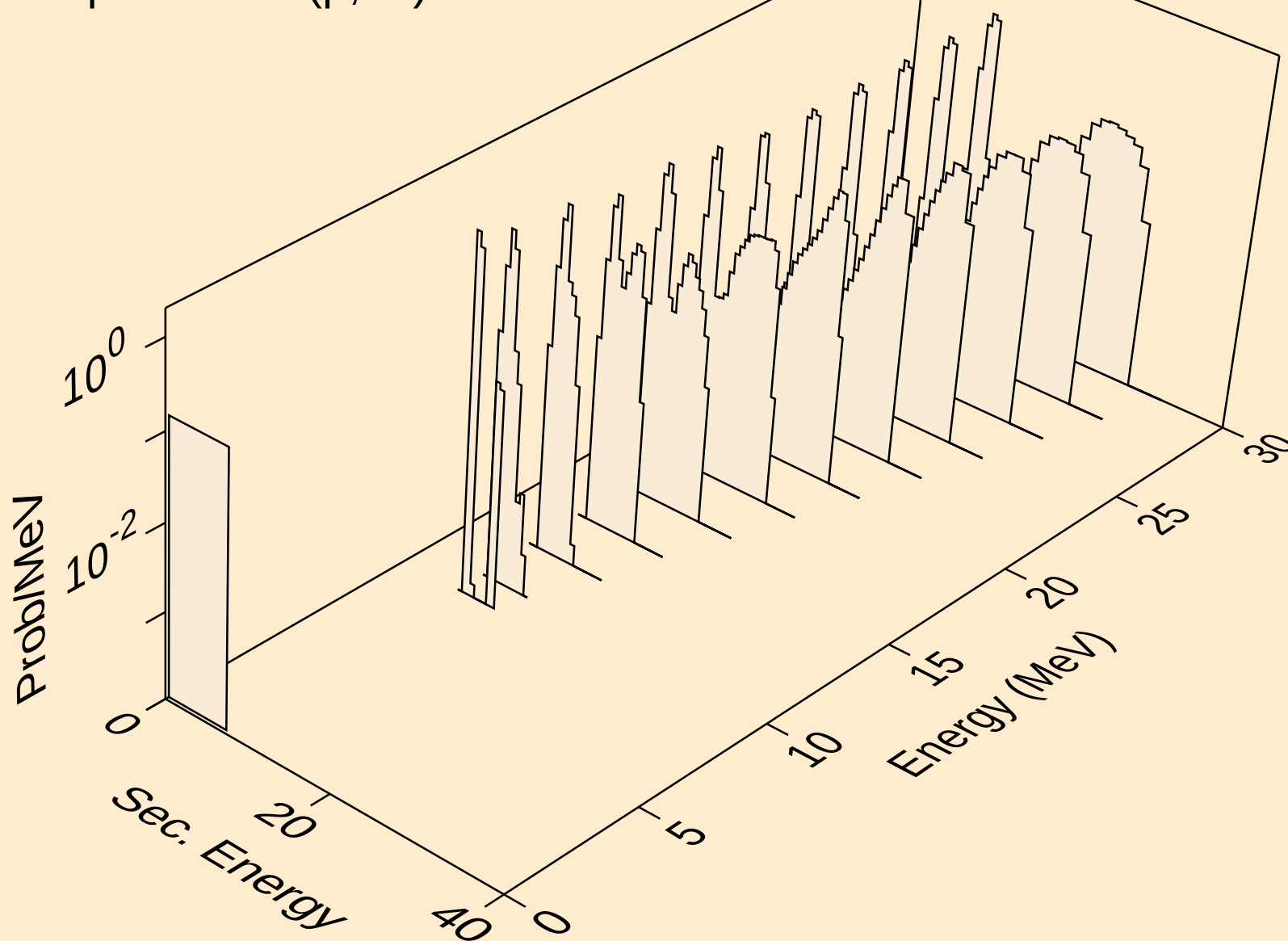
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



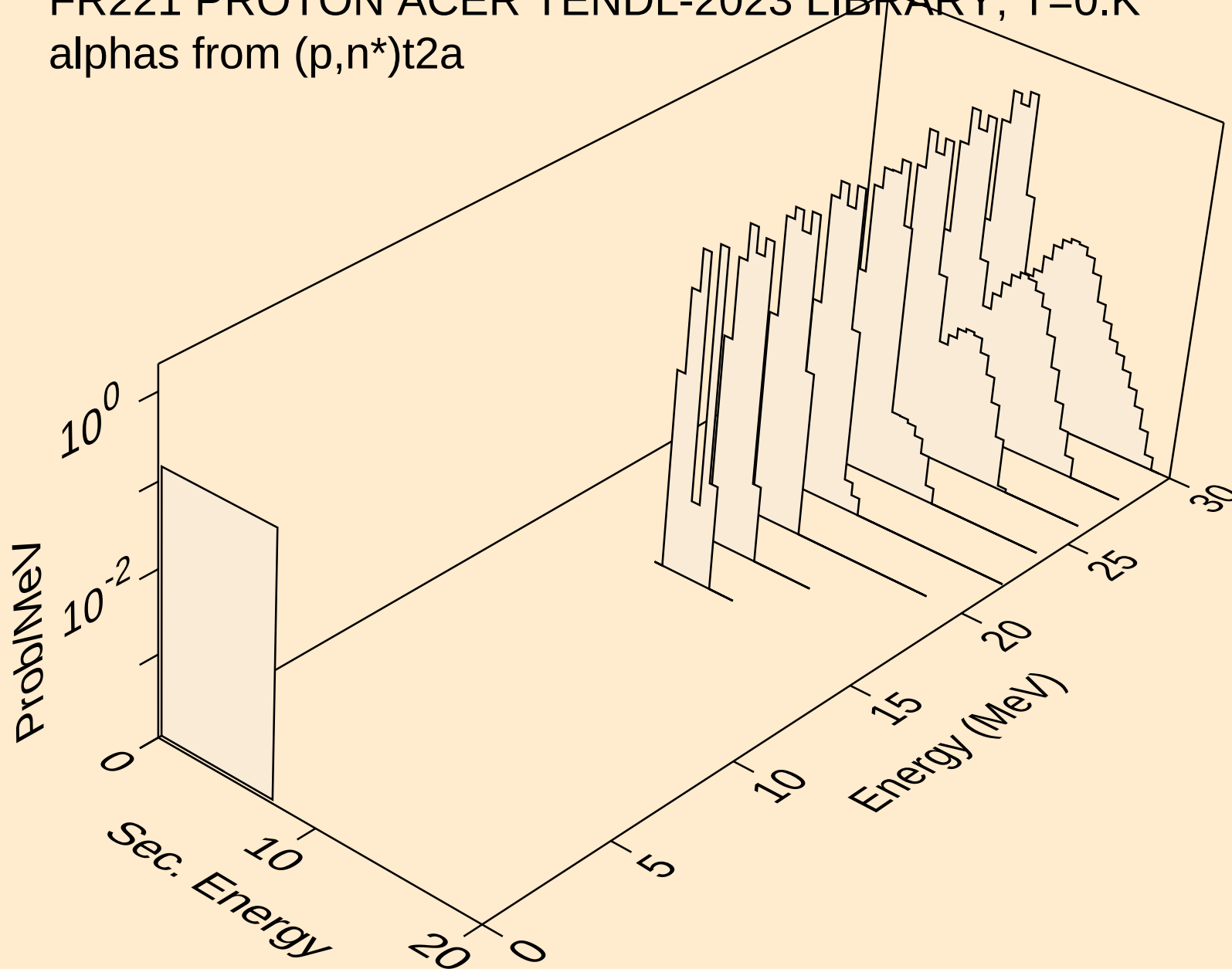
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)2a



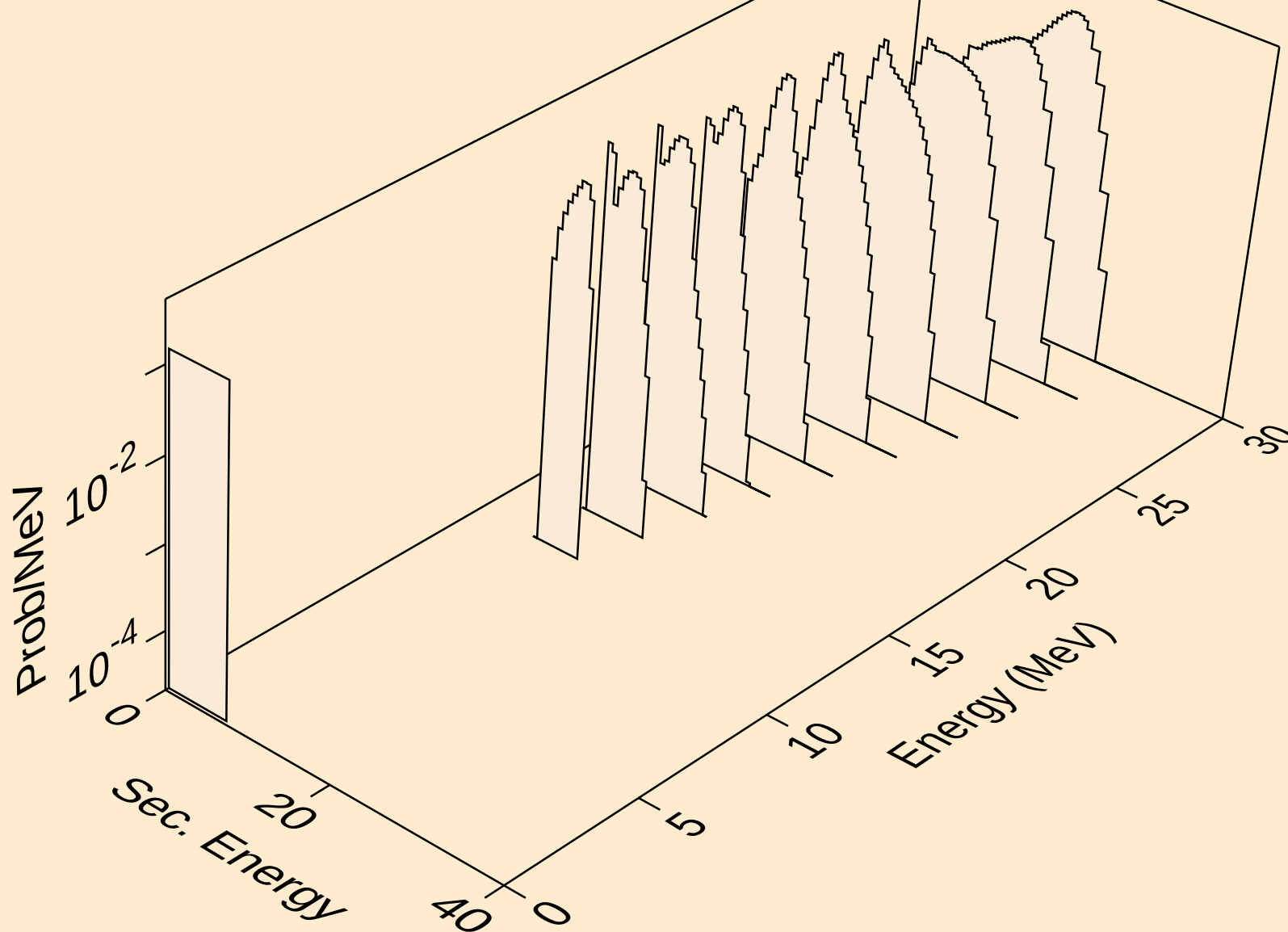
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alphas from (p,2n)2a



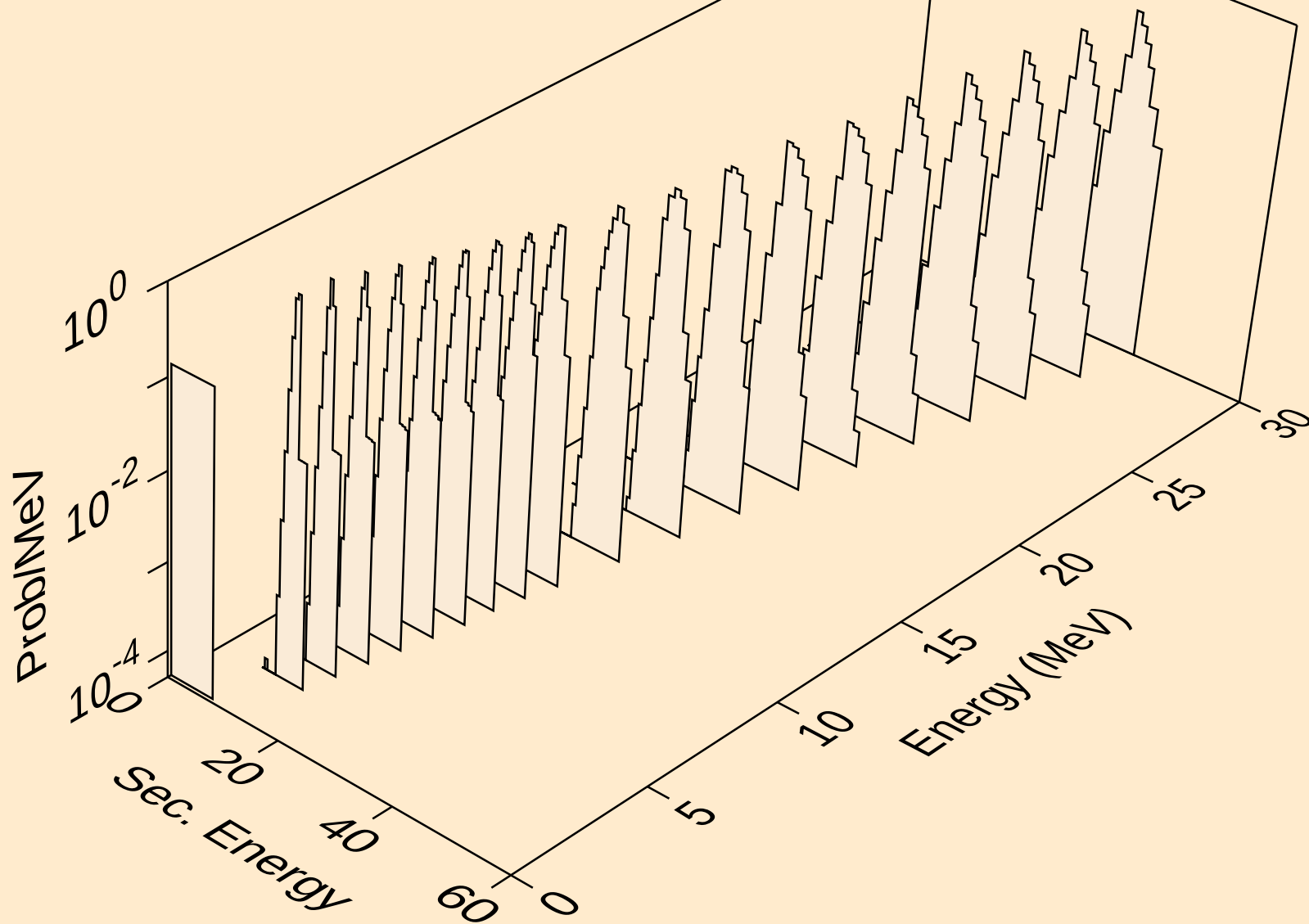
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alphas from (p,n*)t2a



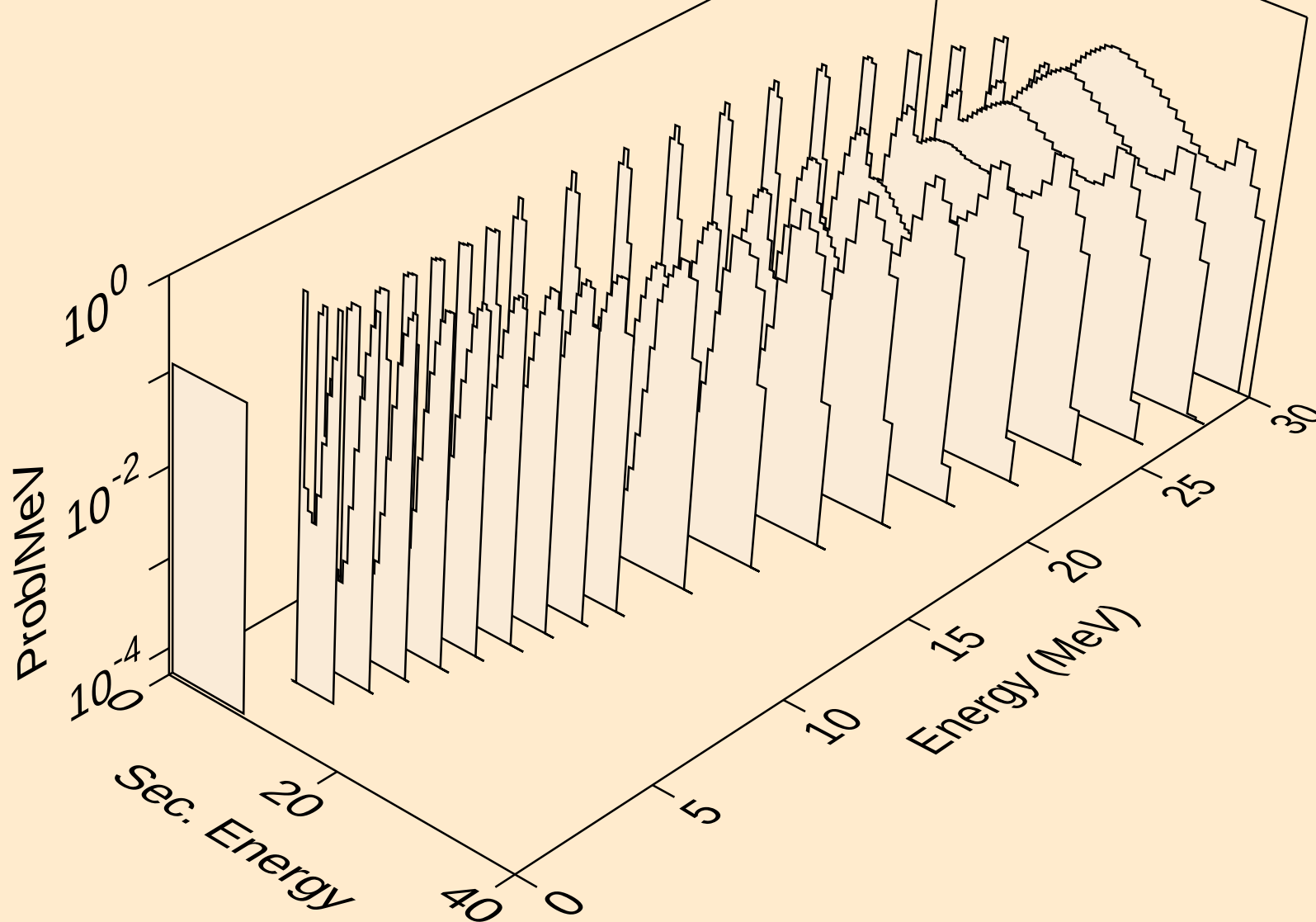
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alphas from (p,npa)



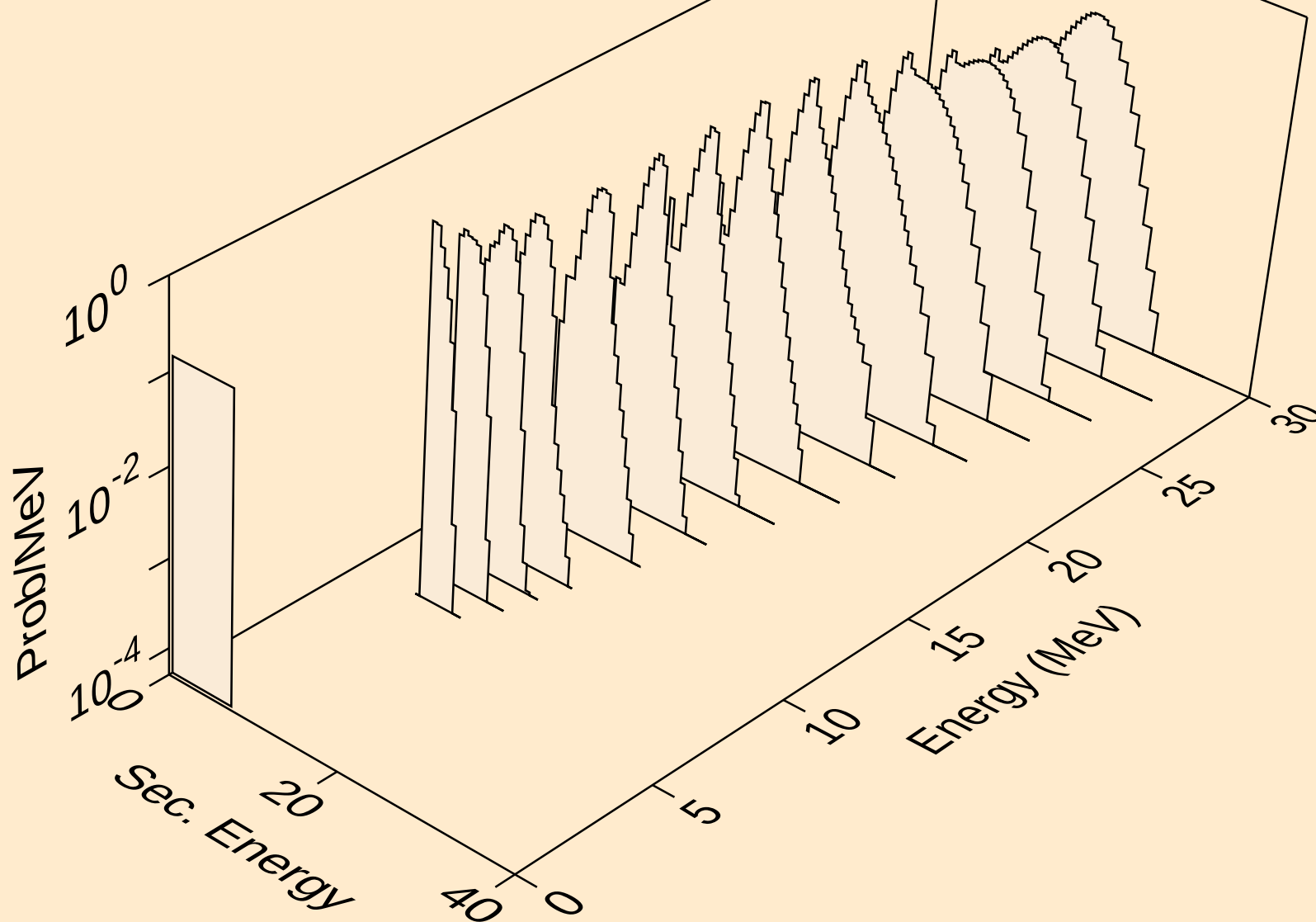
FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)



FR221 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,da)

