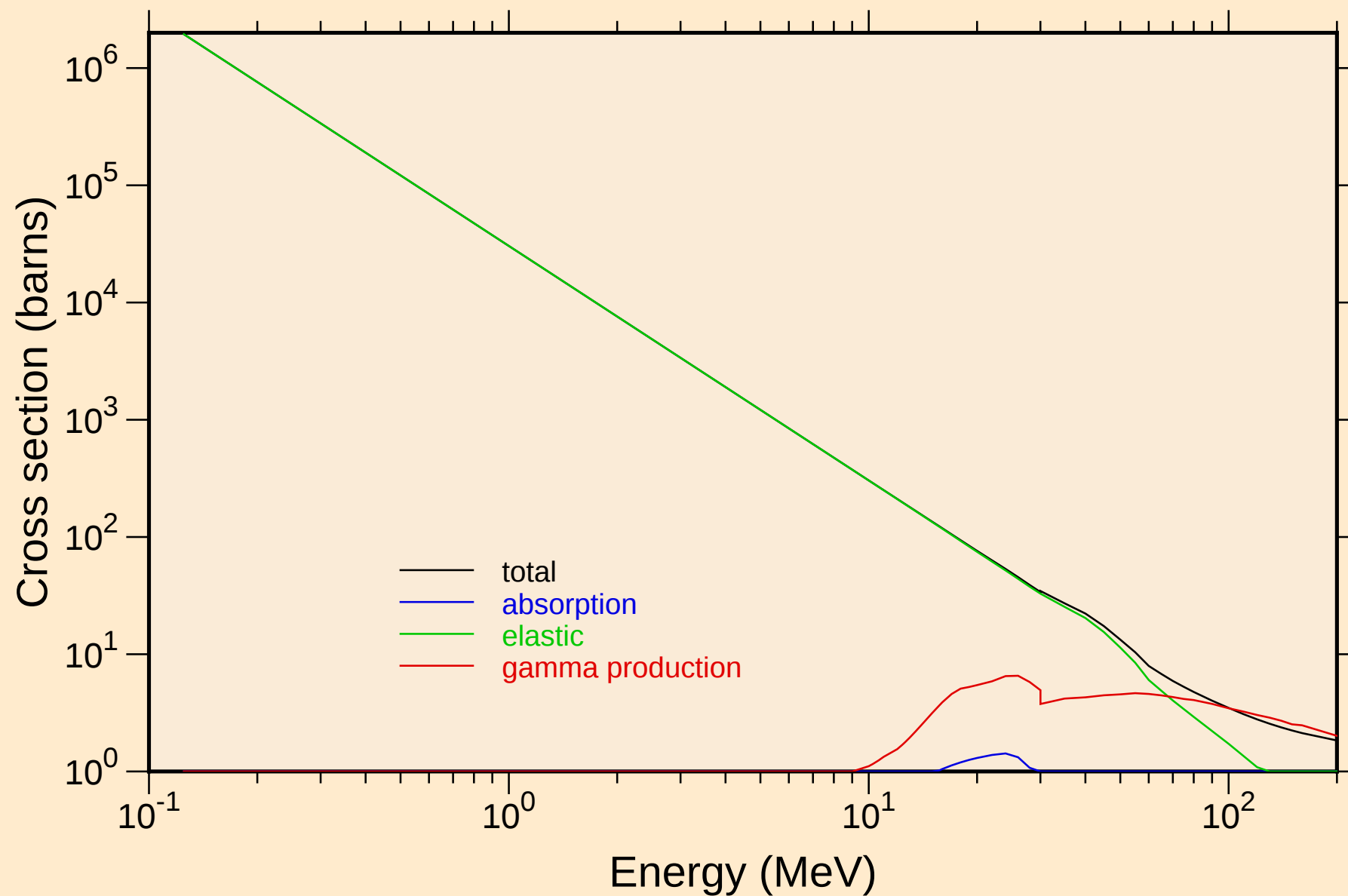


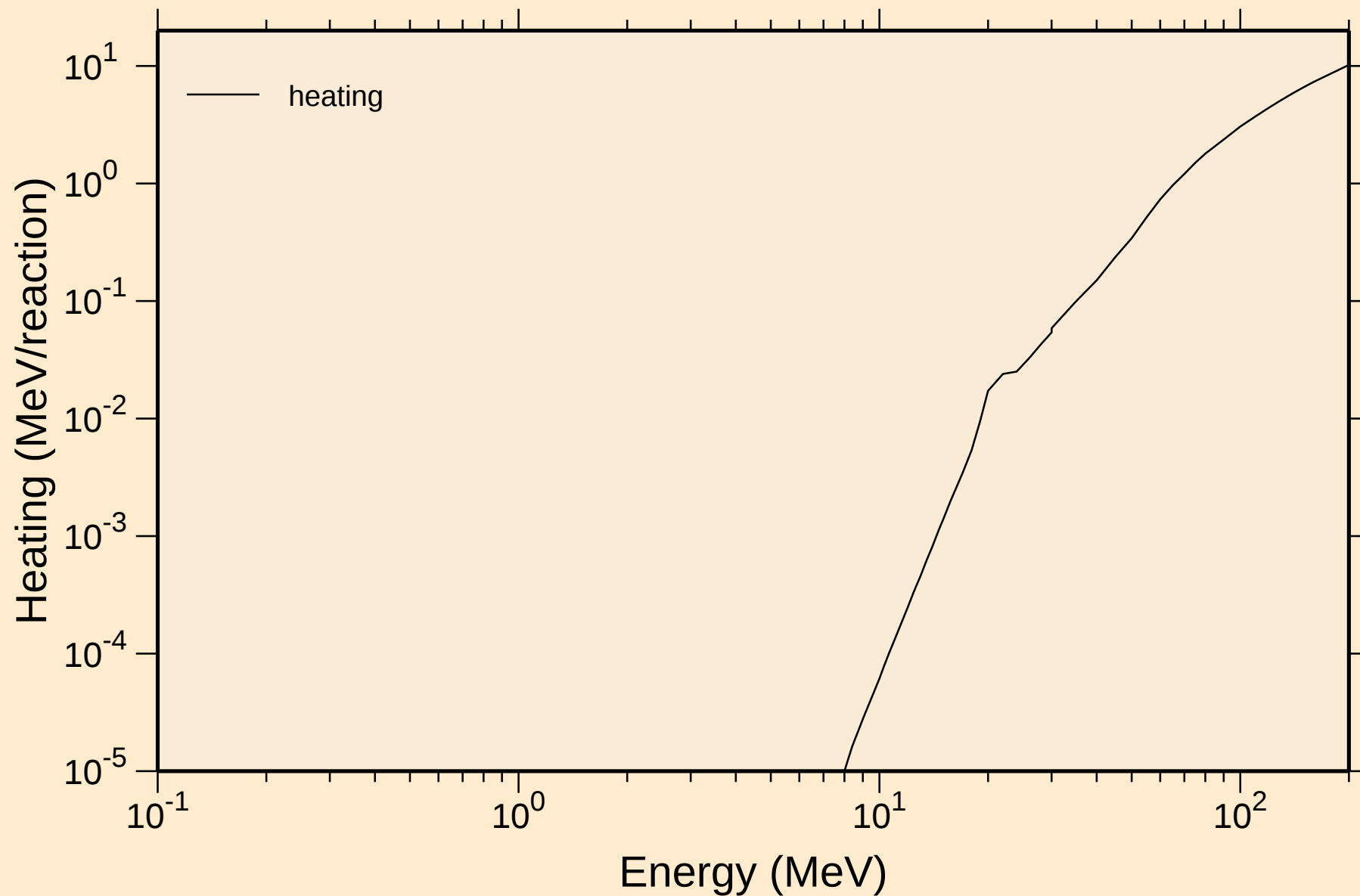
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



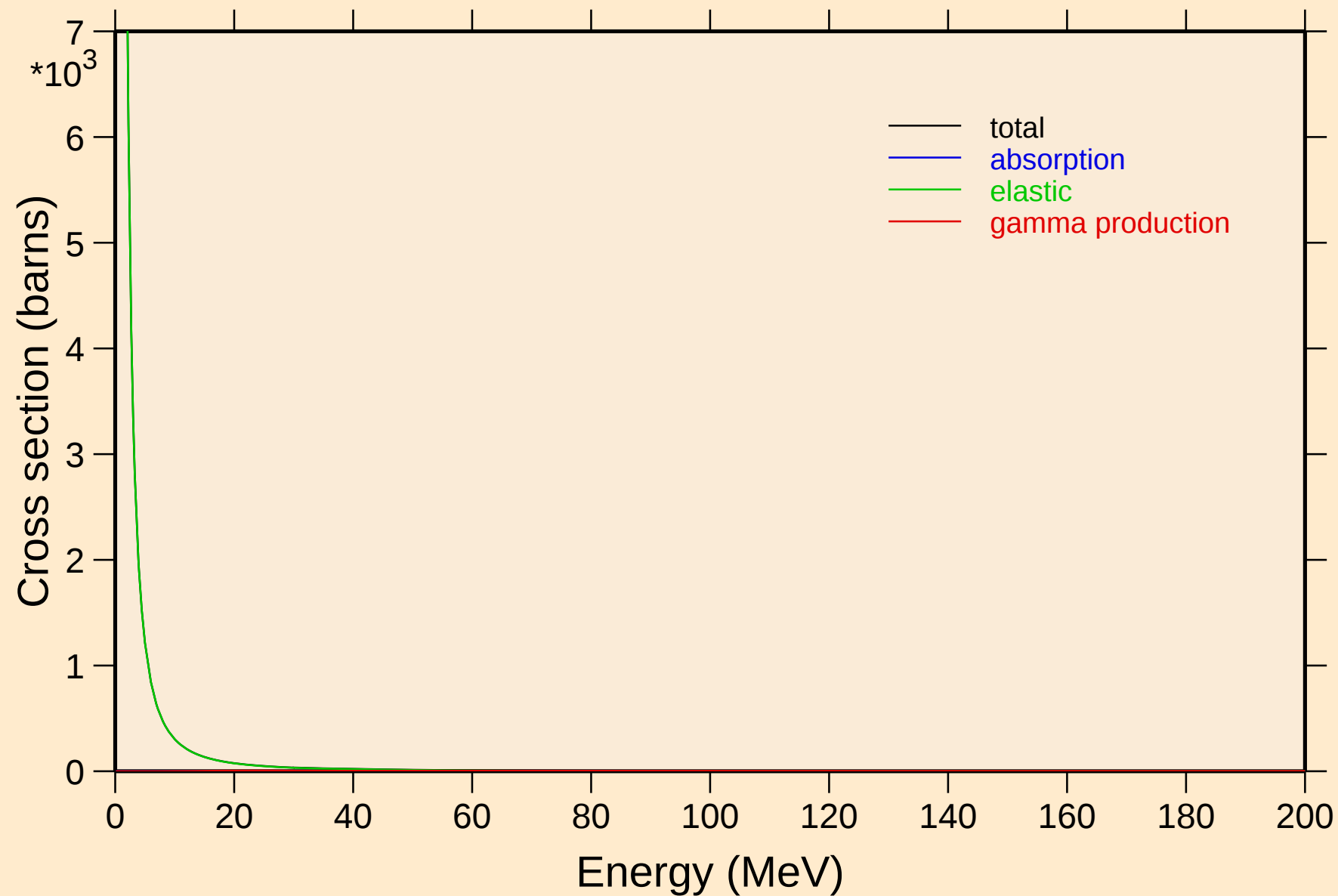
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



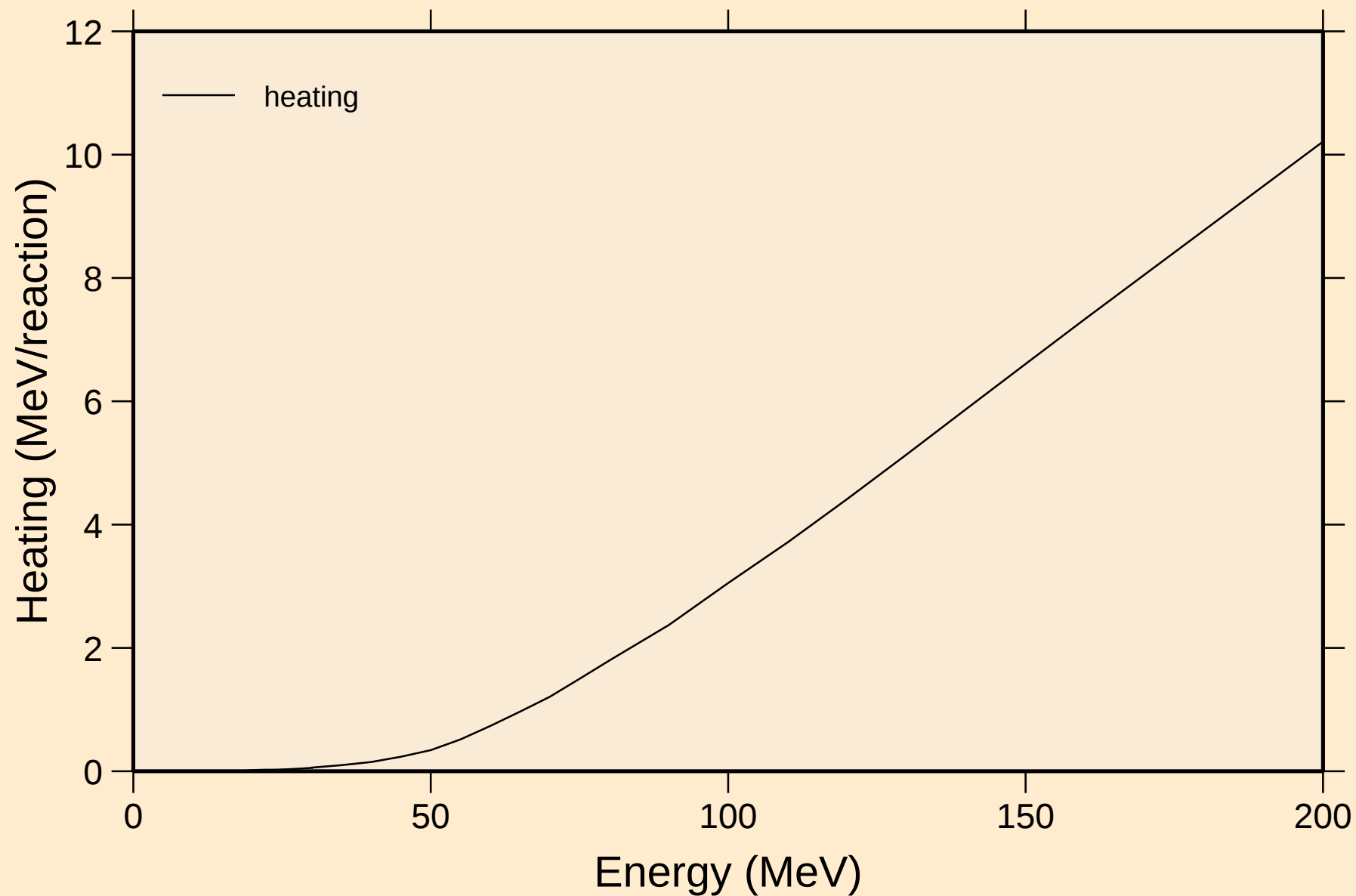
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



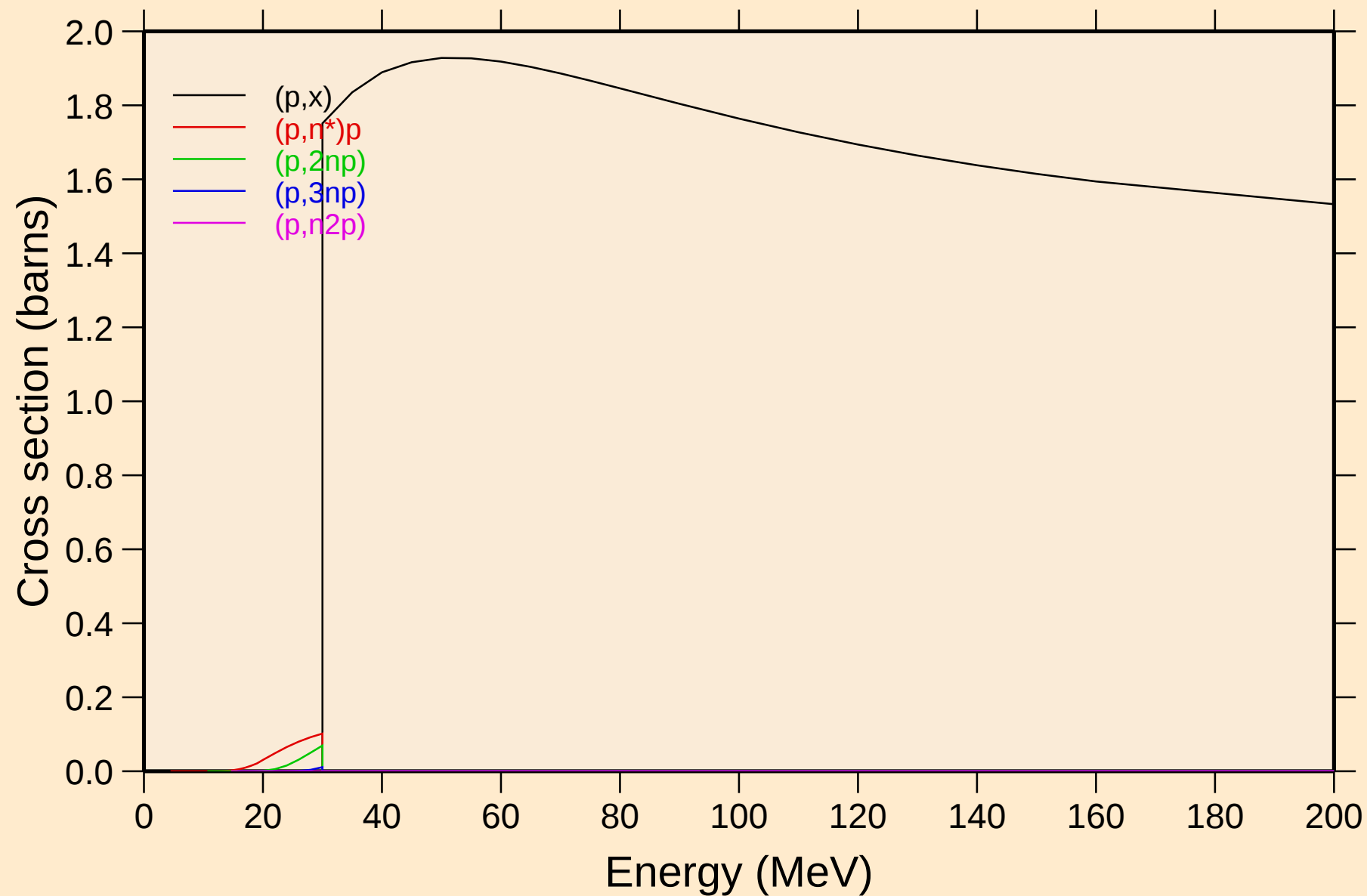
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Heating



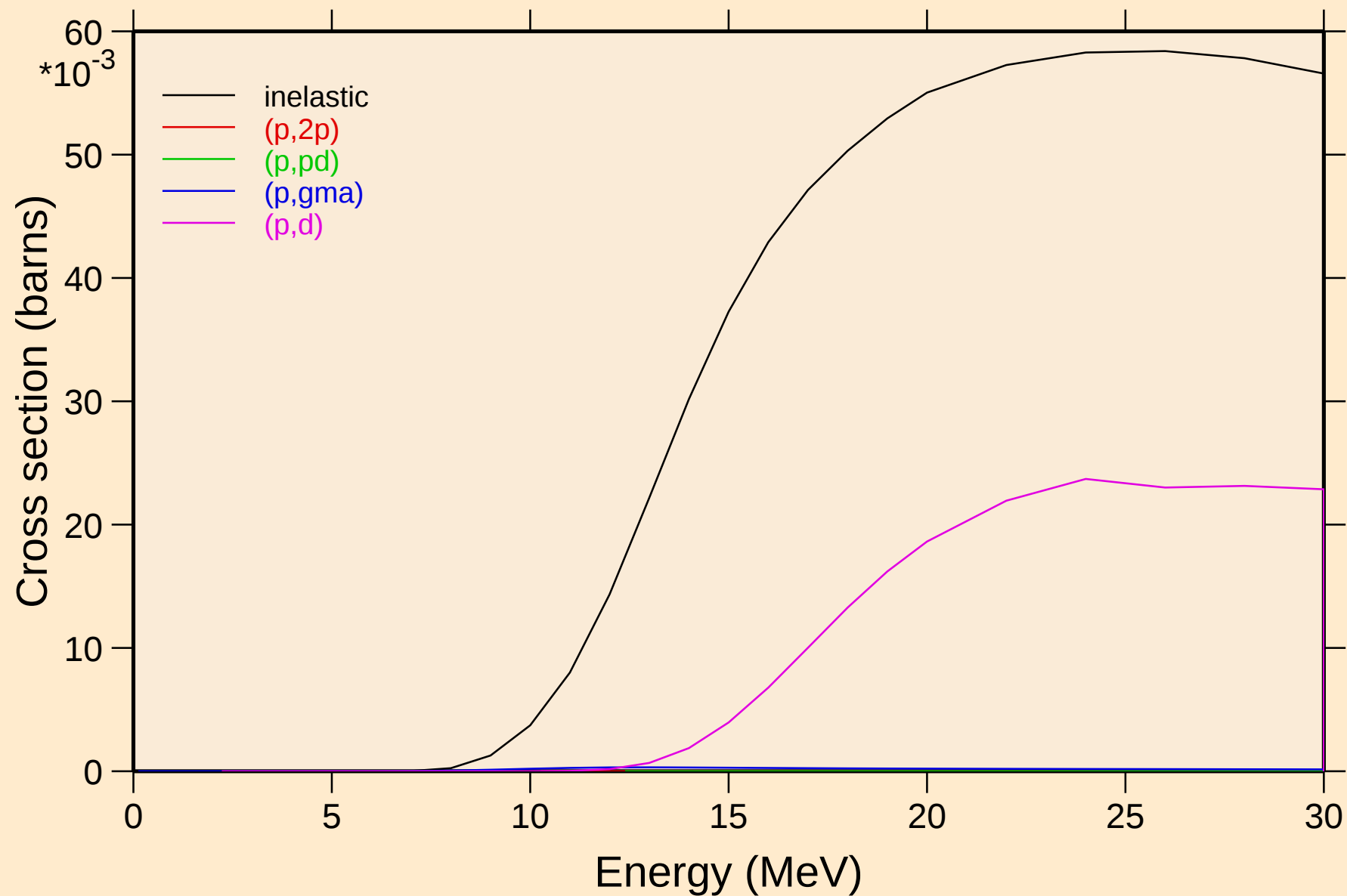
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Threshold reactions



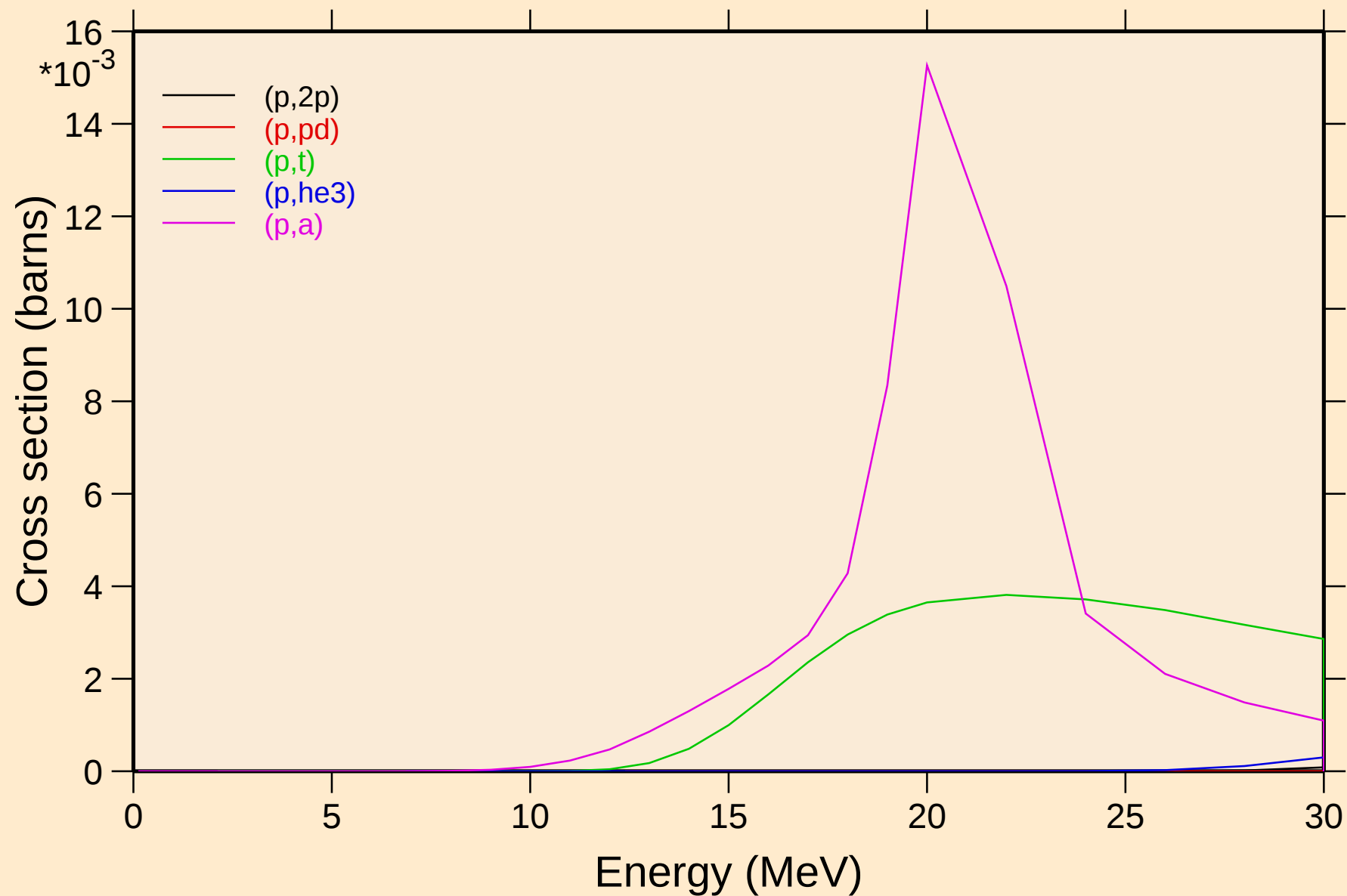
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



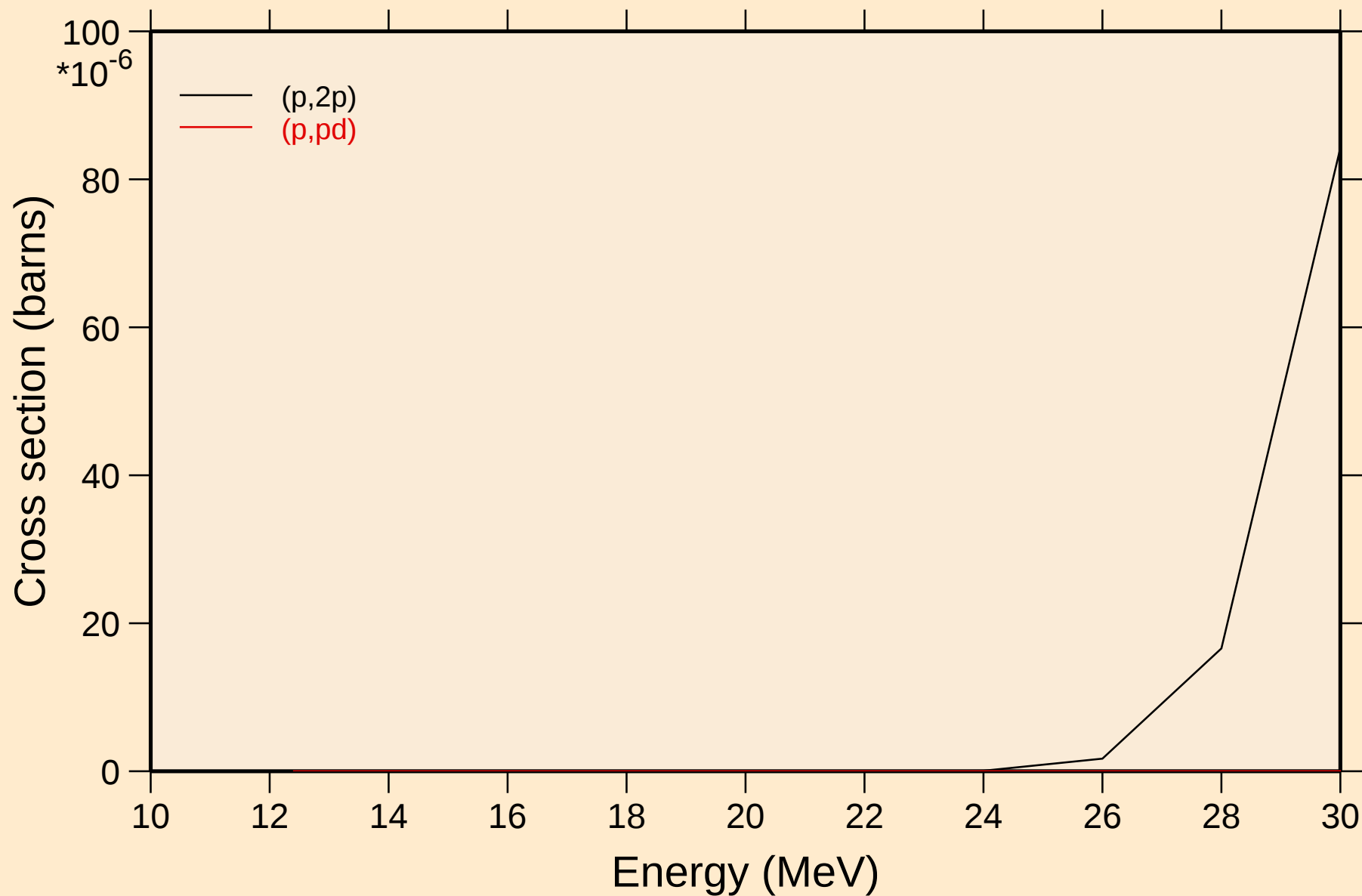
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Threshold reactions

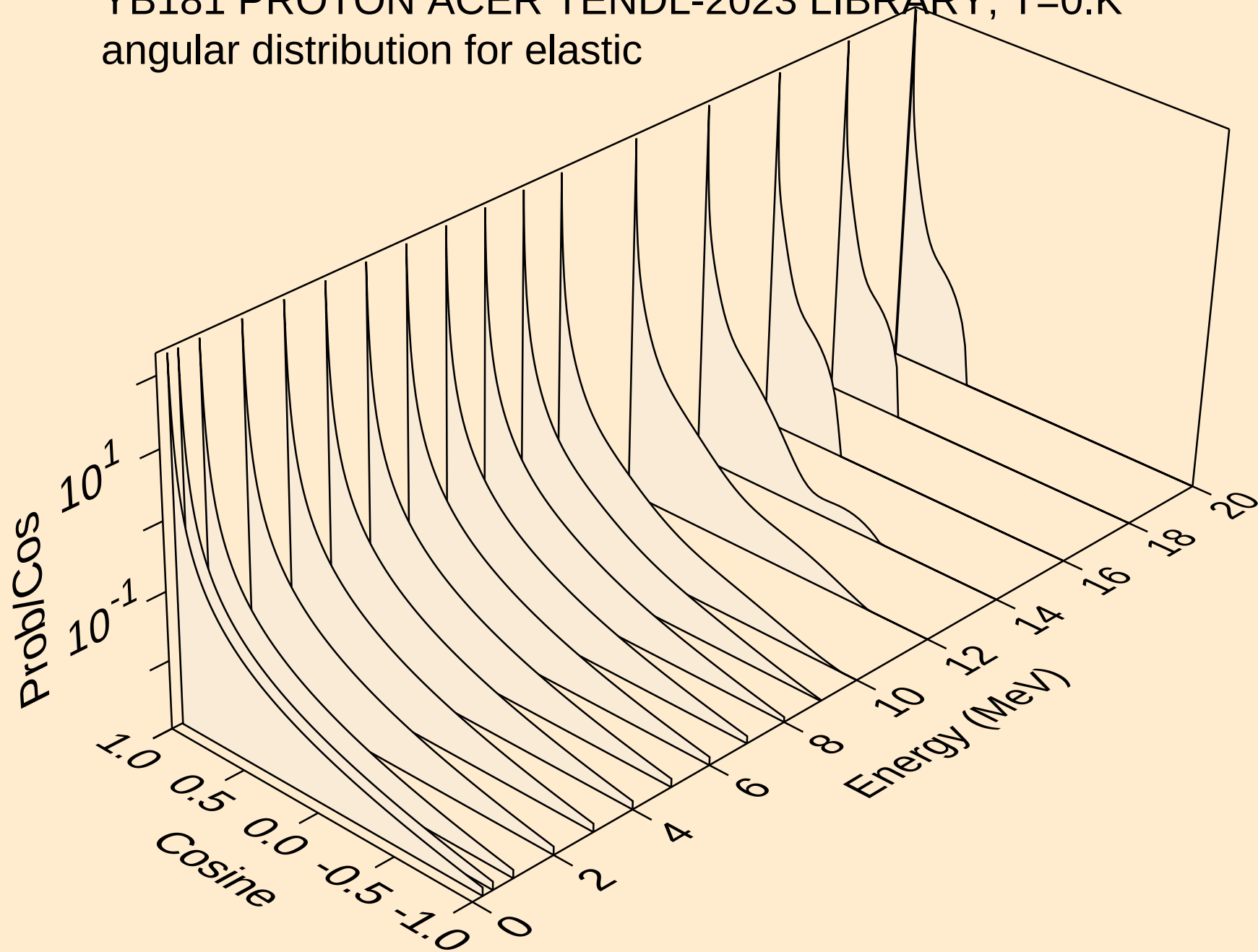


YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

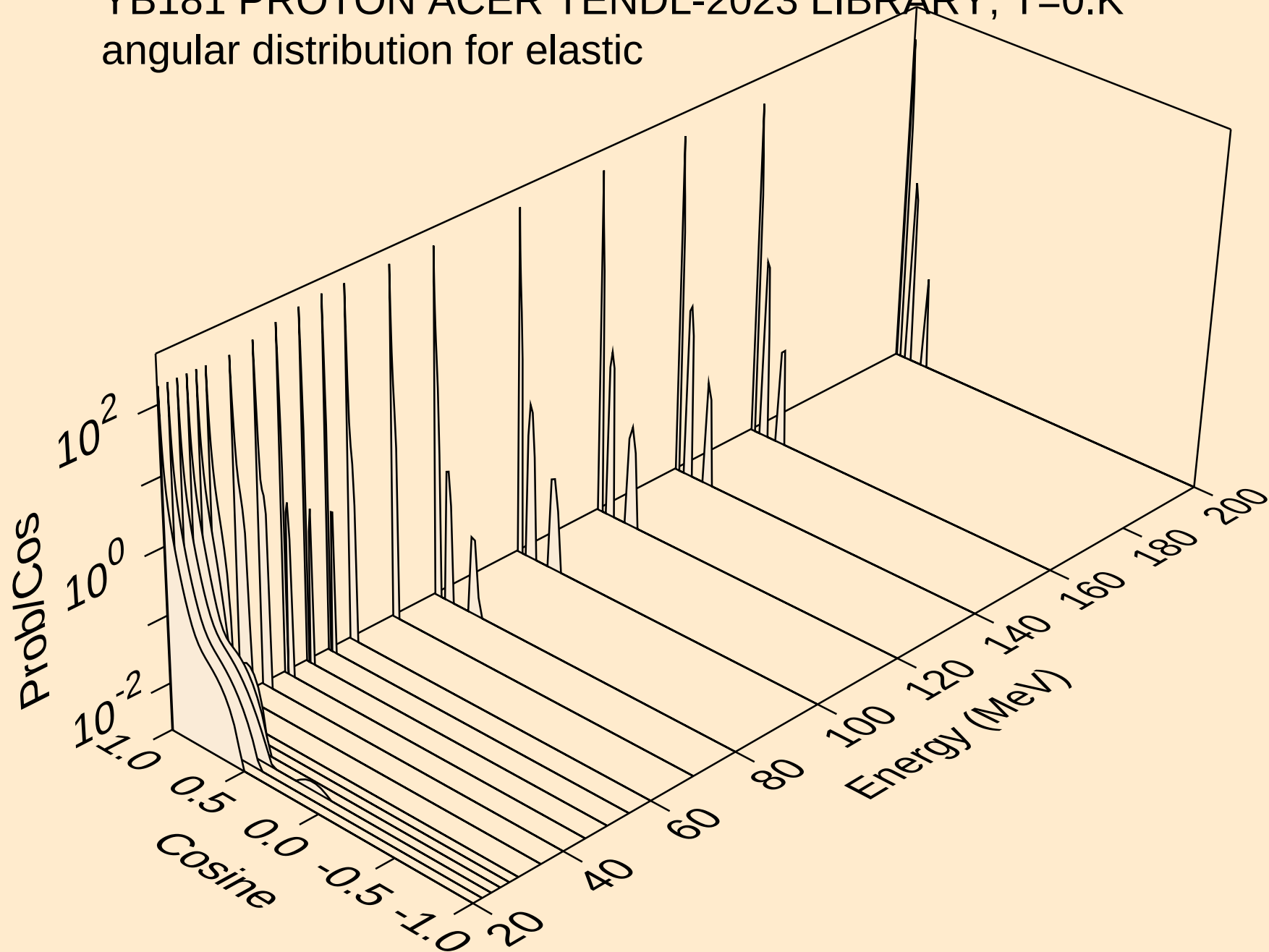
Threshold reactions



YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

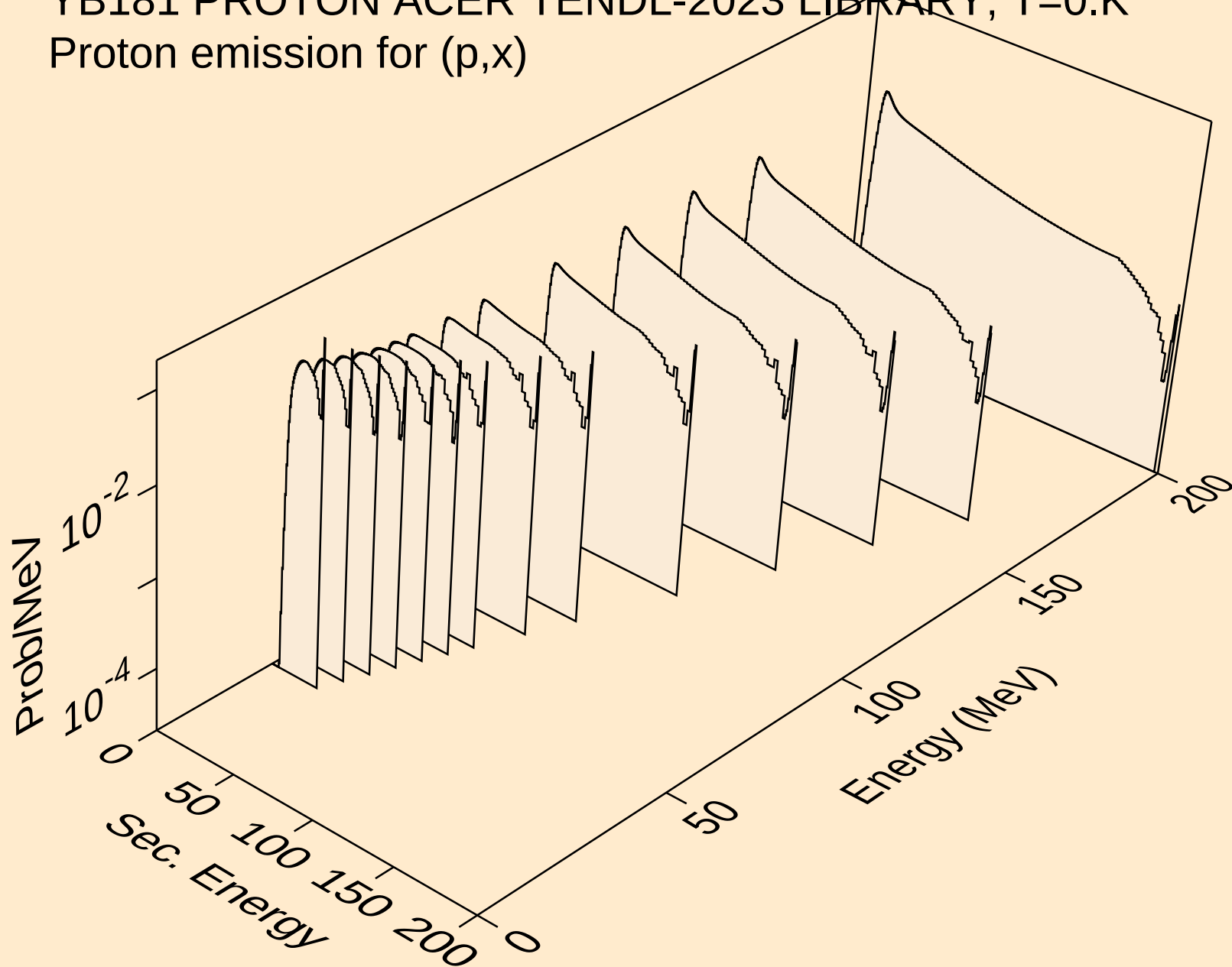


YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



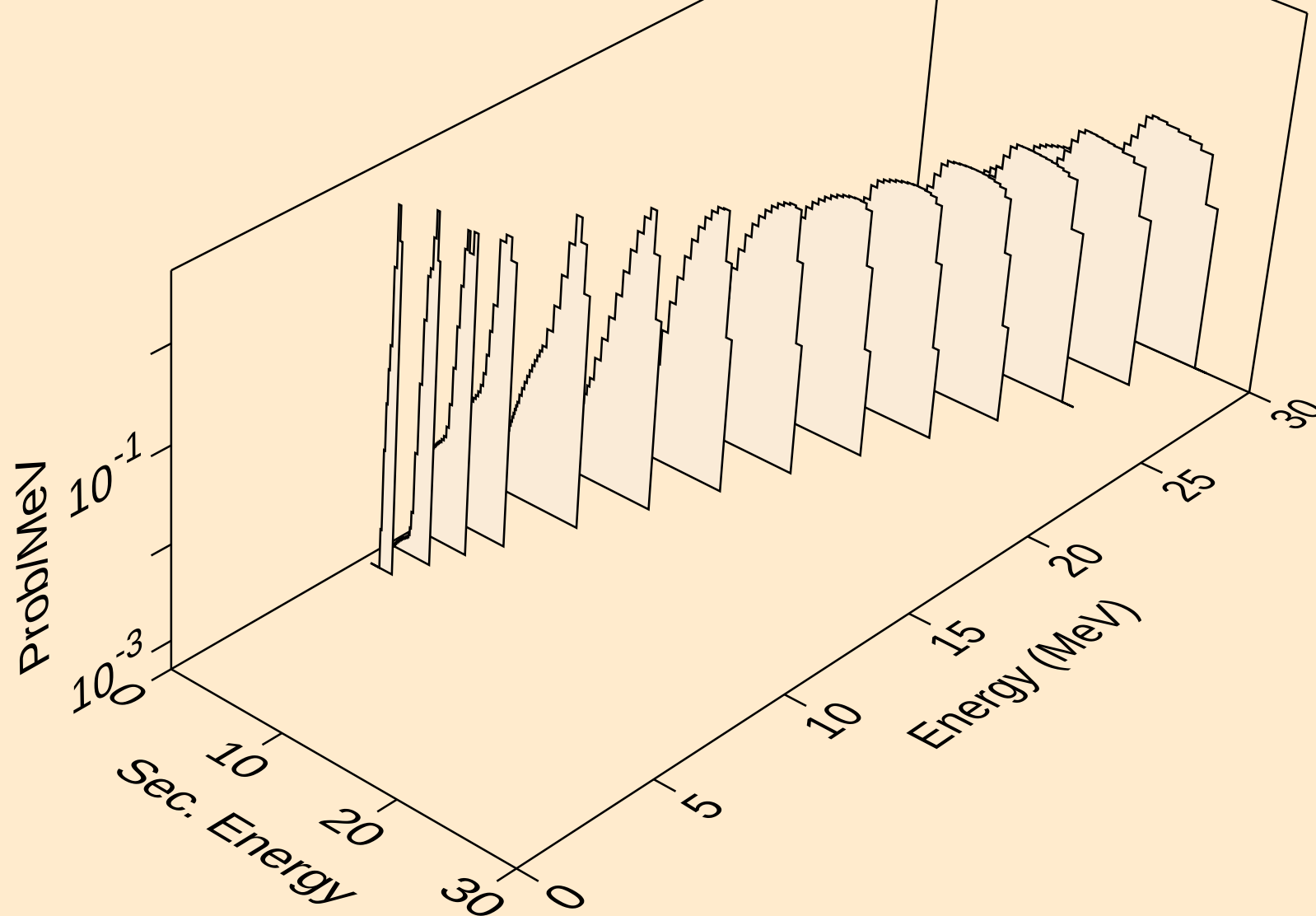
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,x)

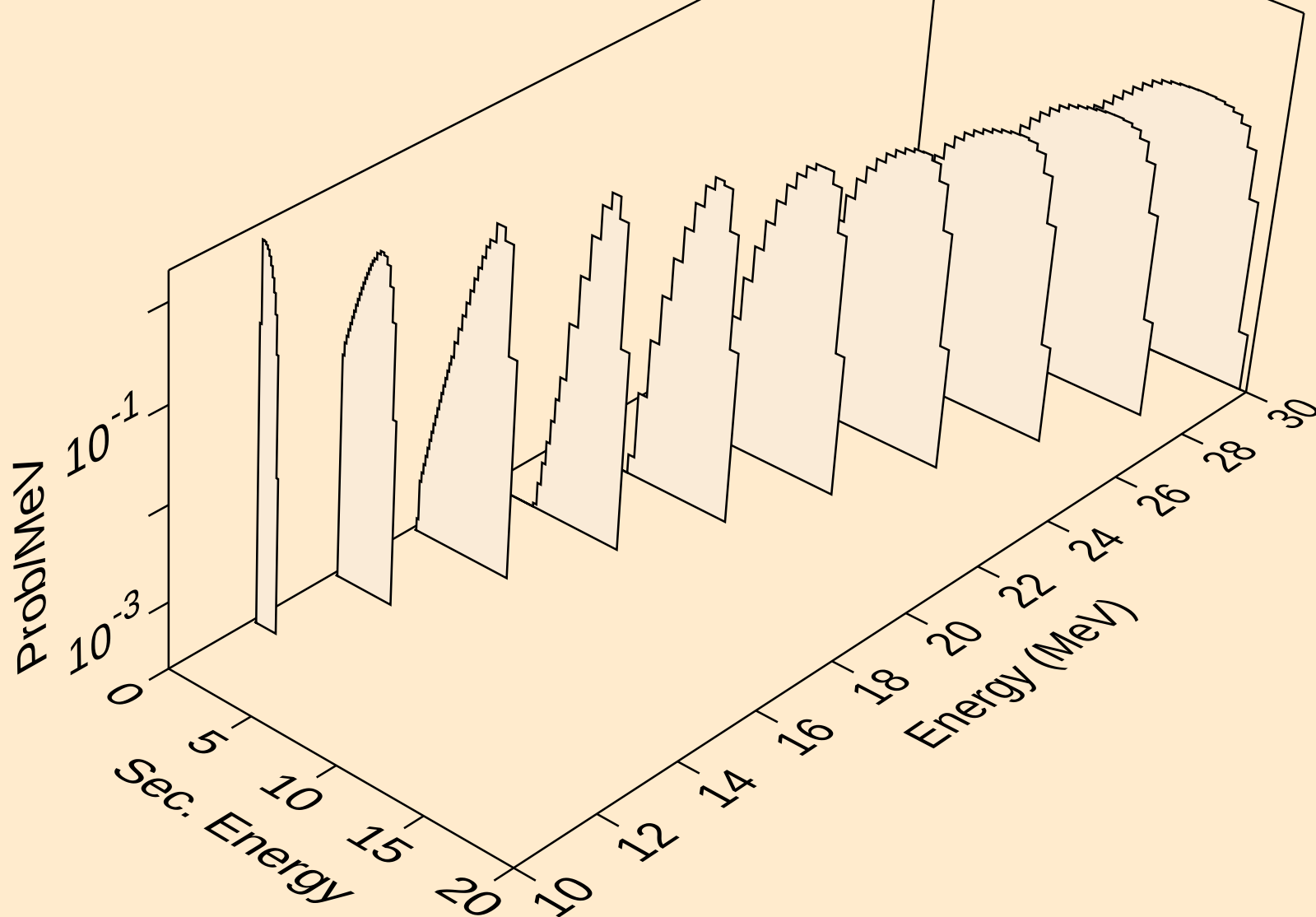


YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

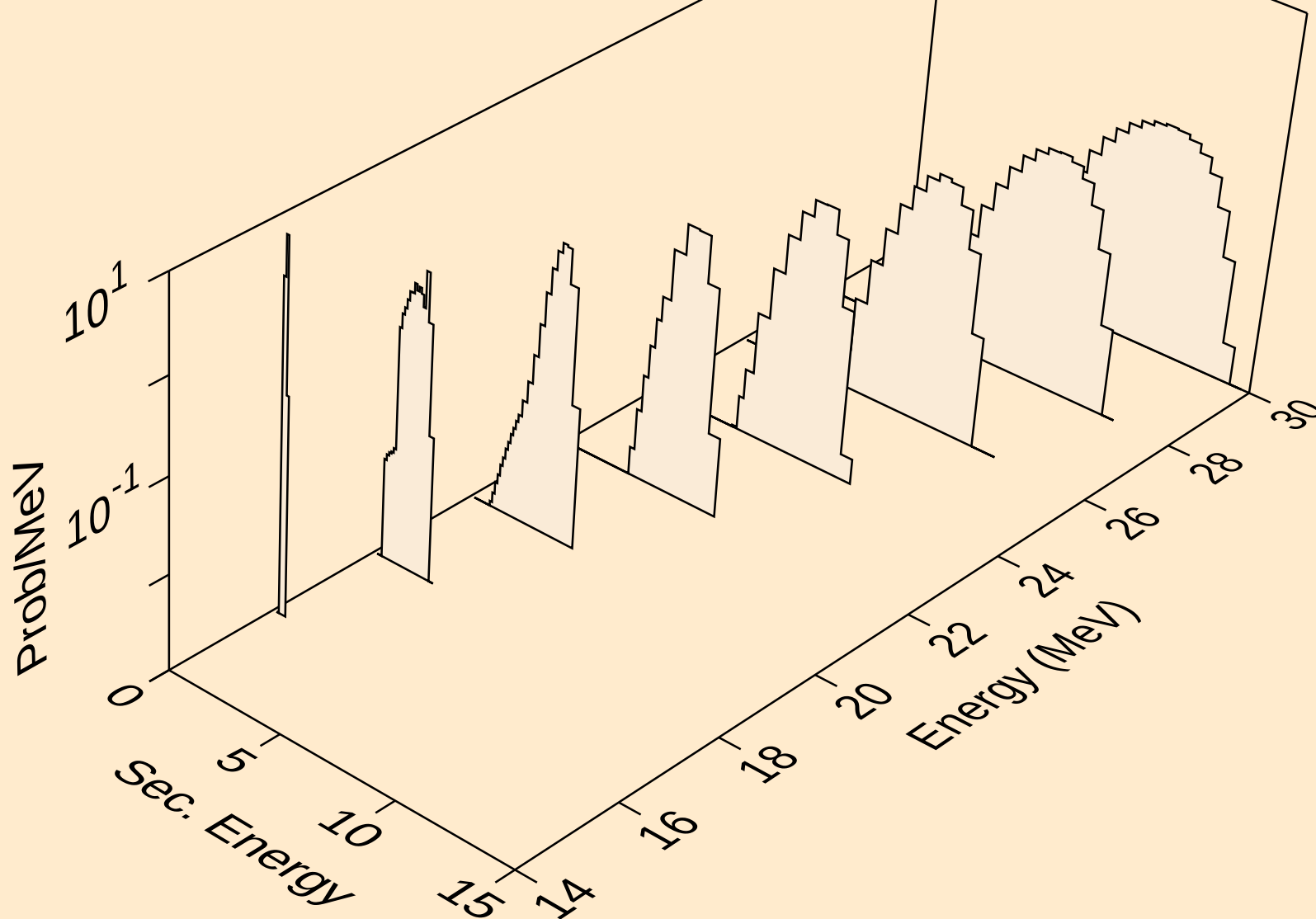
Proton emission for (p,n*)p



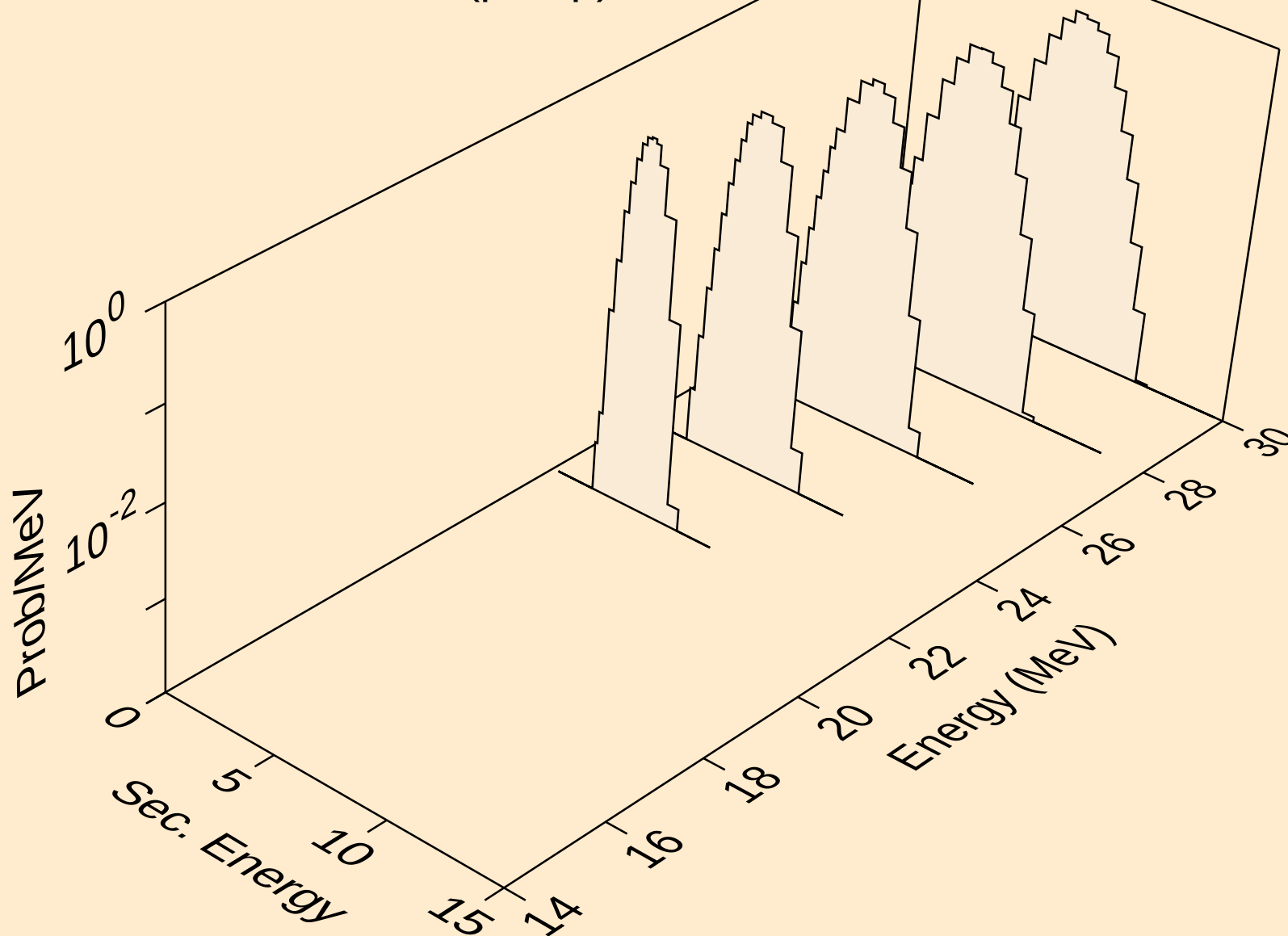
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



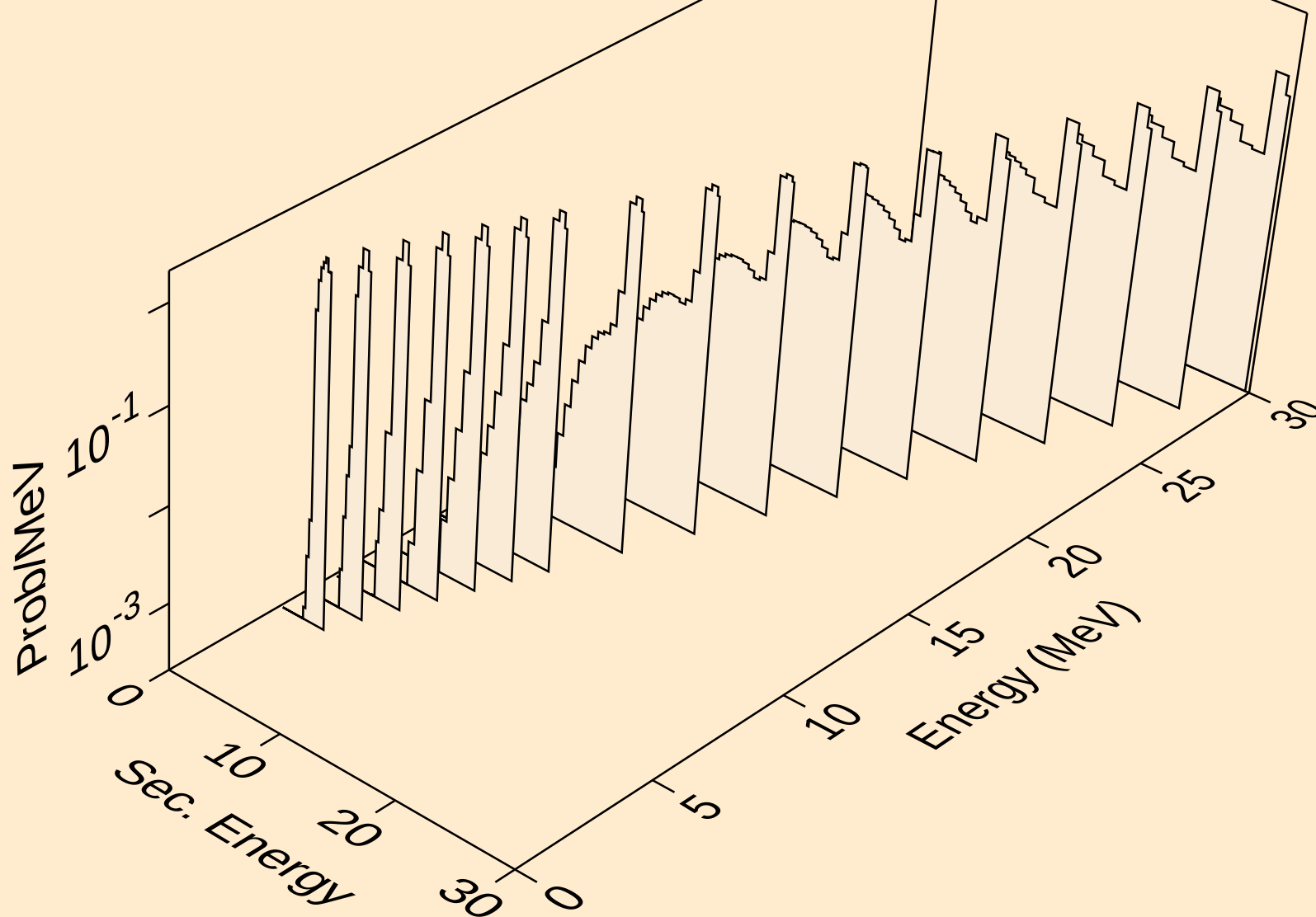
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)



YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)

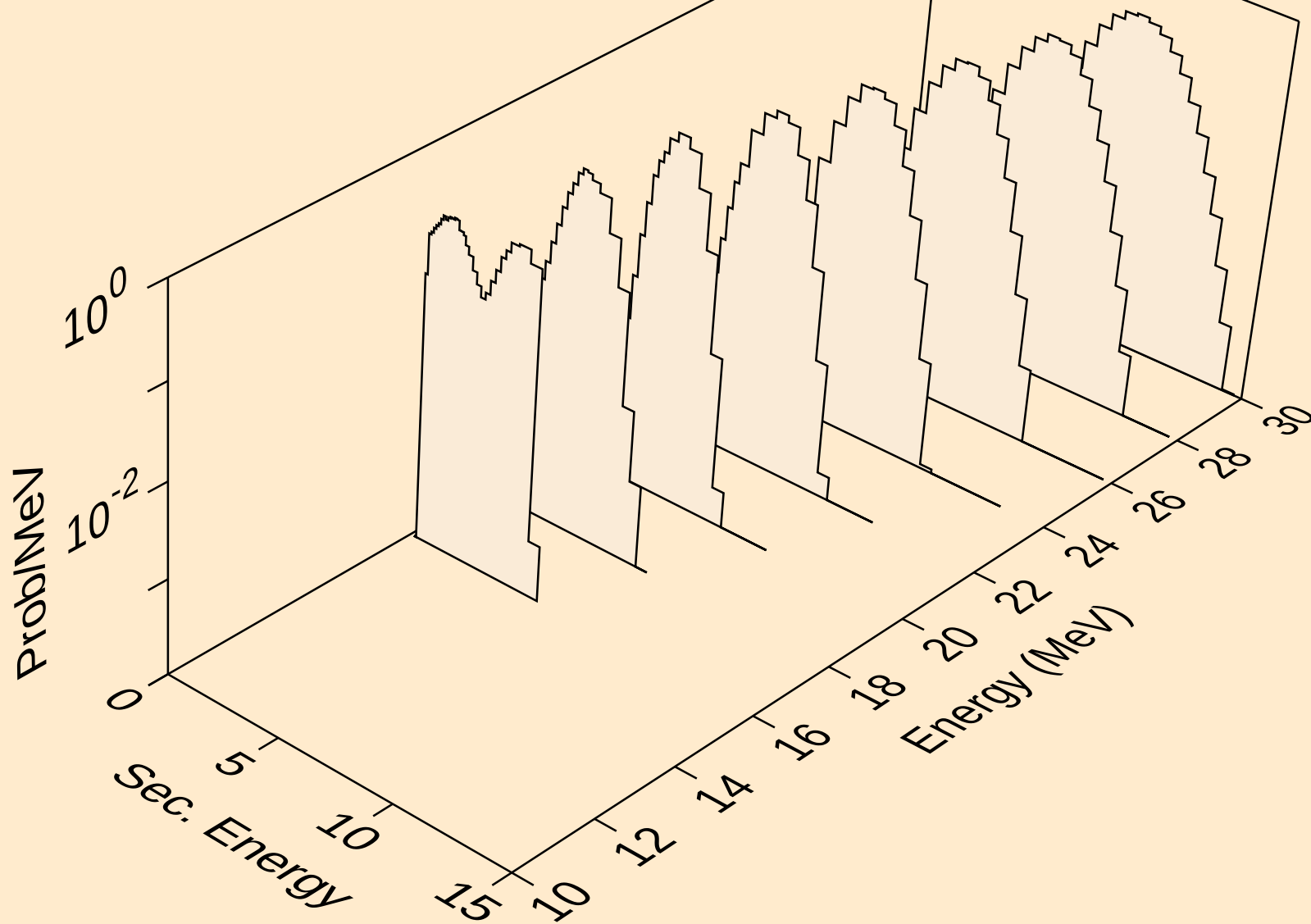


YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



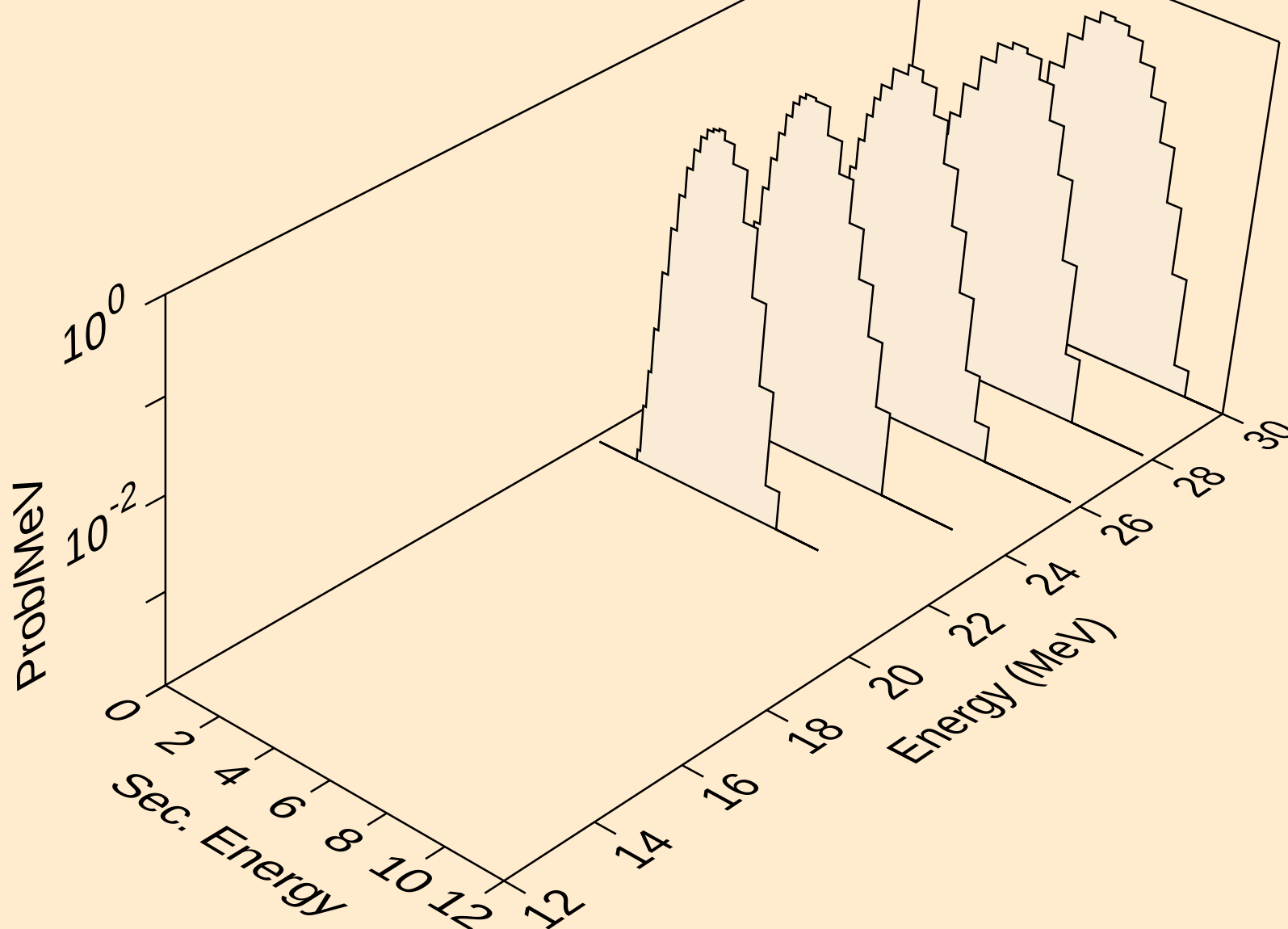
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,2p)

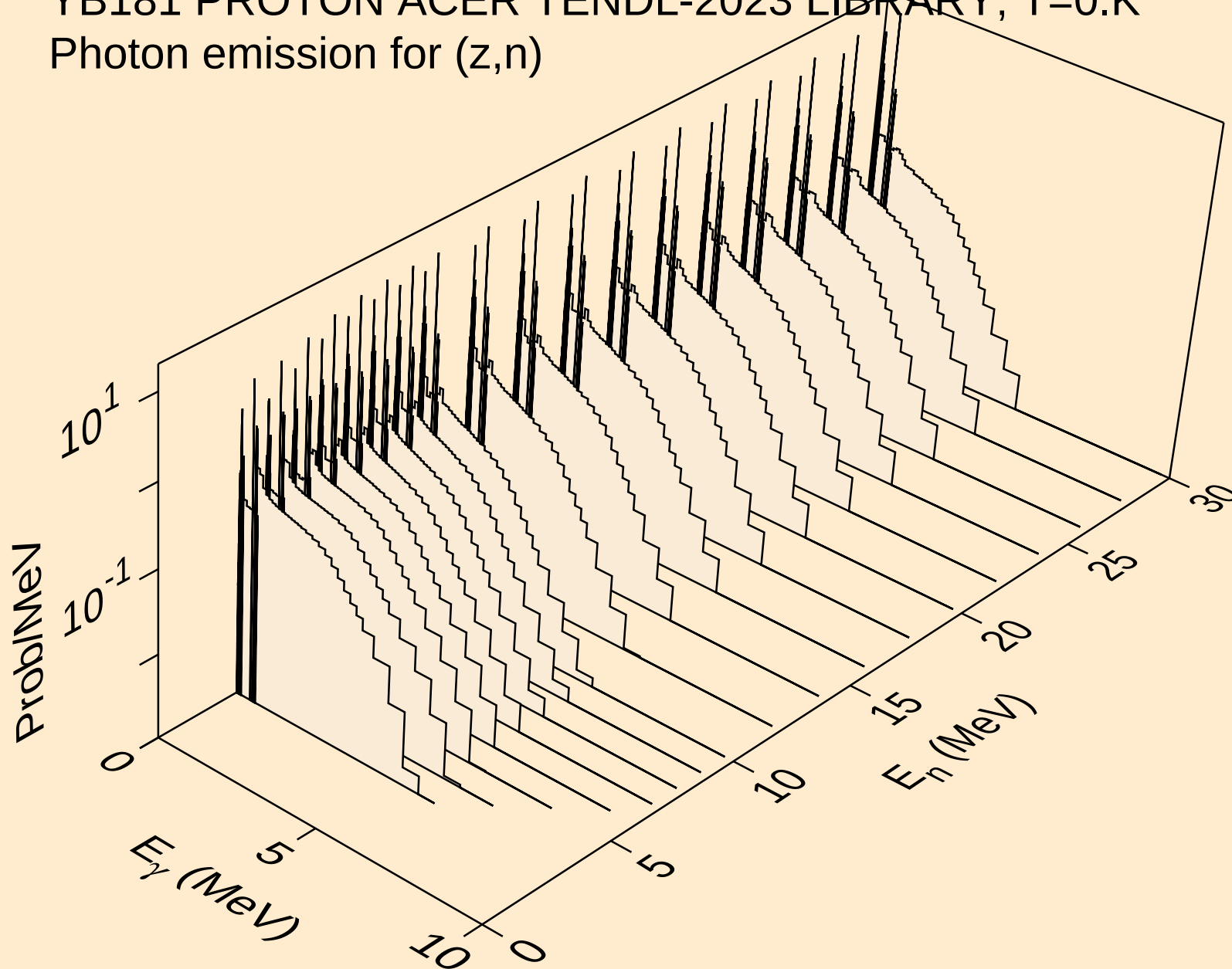


YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pd)

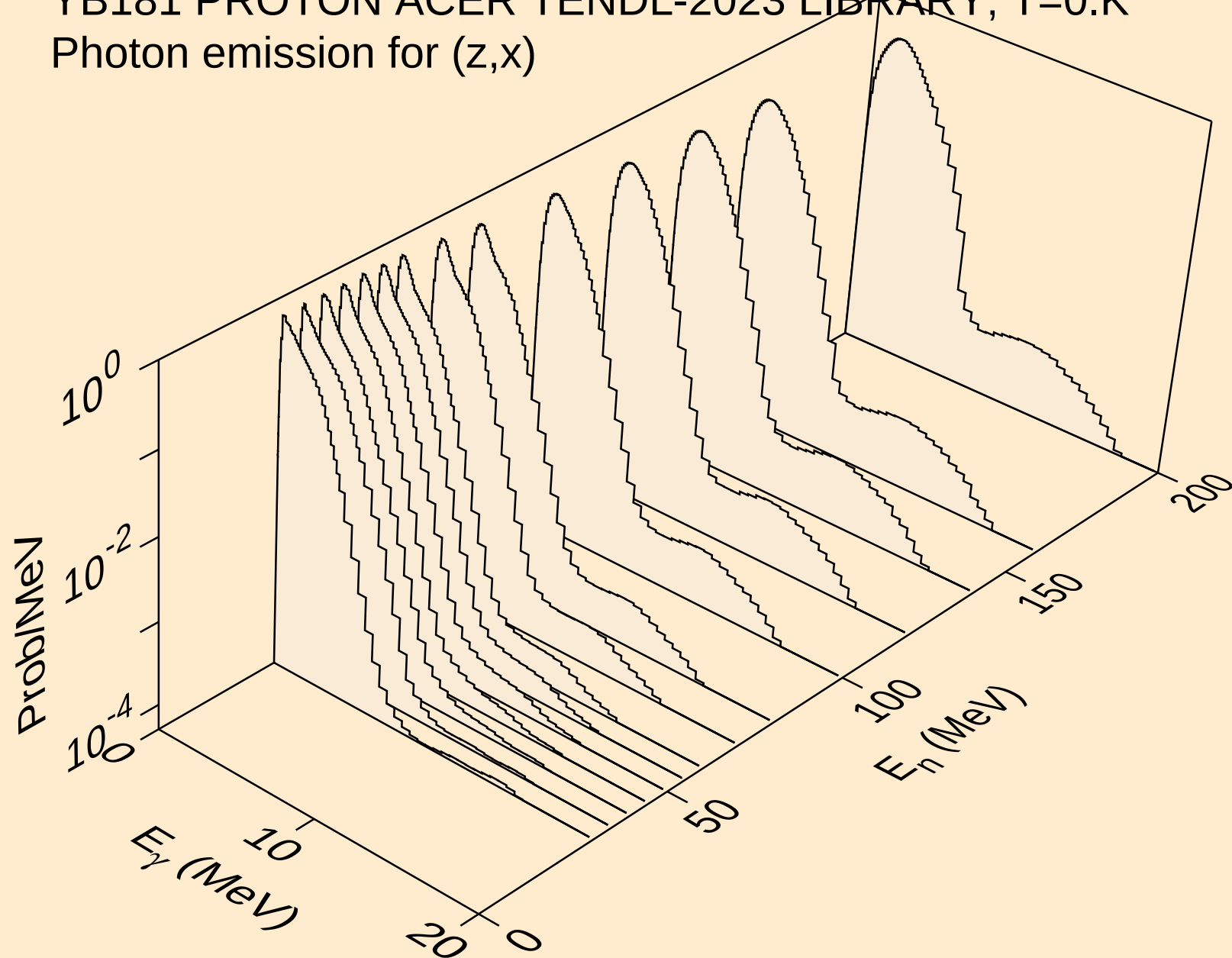


YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

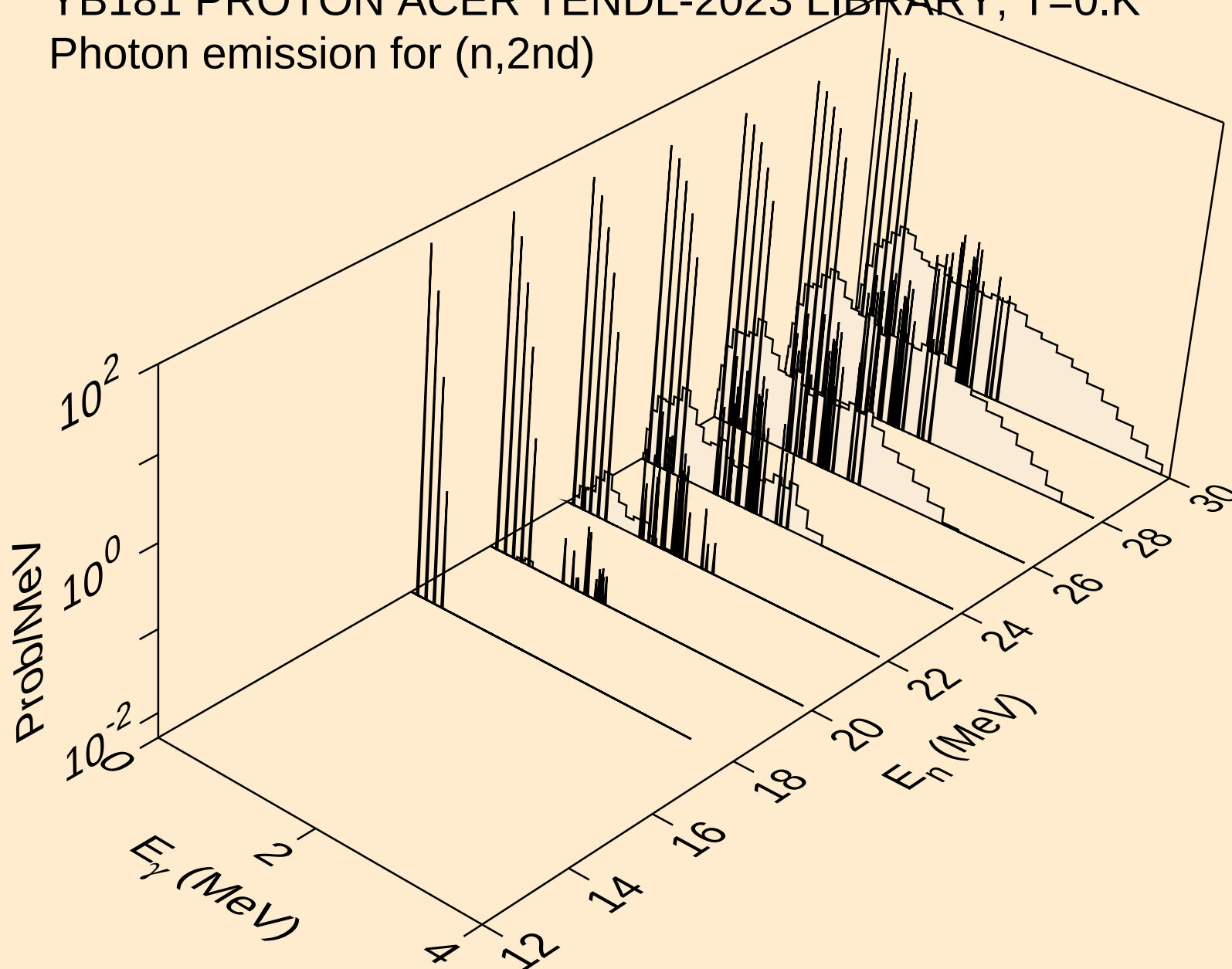


YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

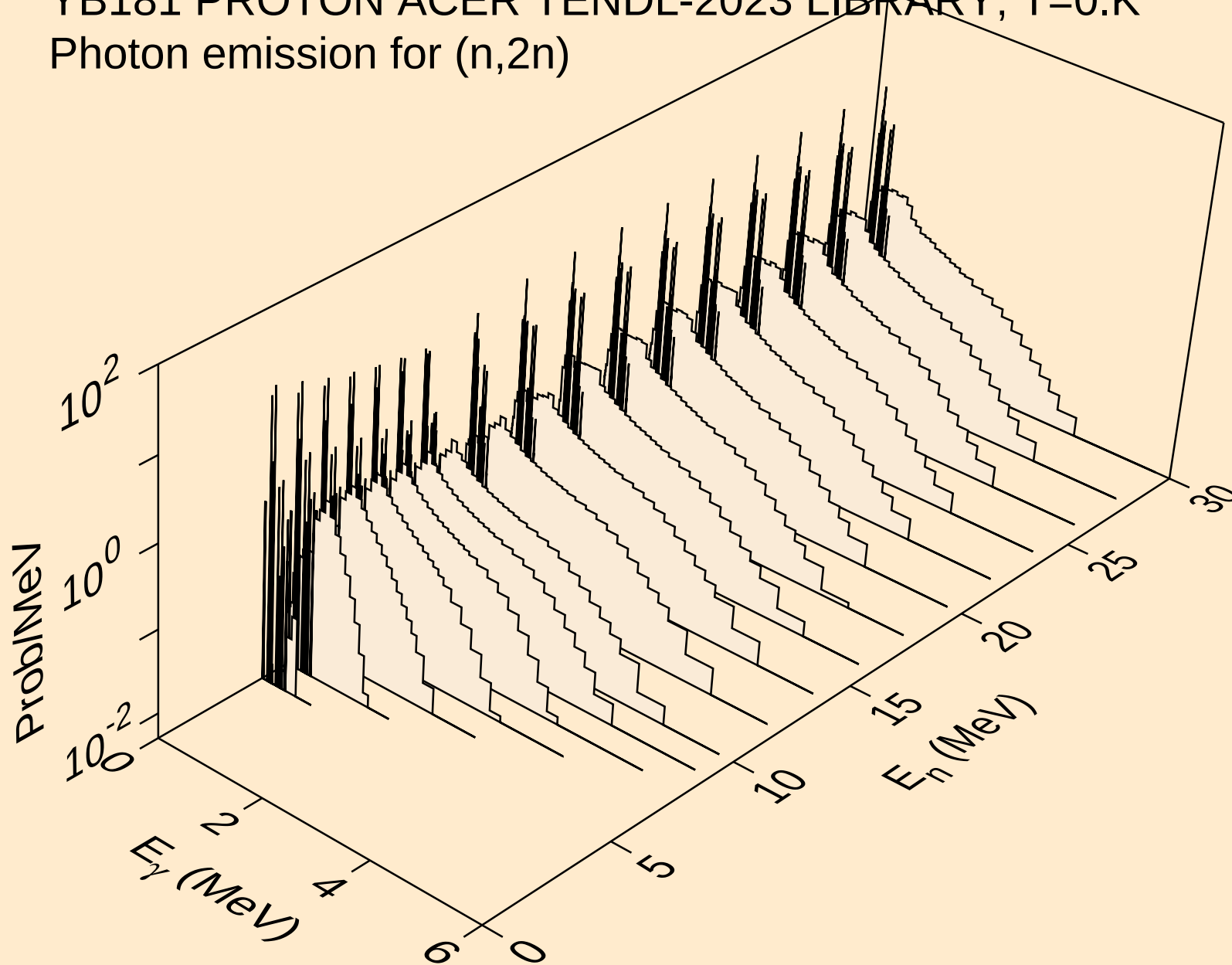
Photon emission for (z,x)



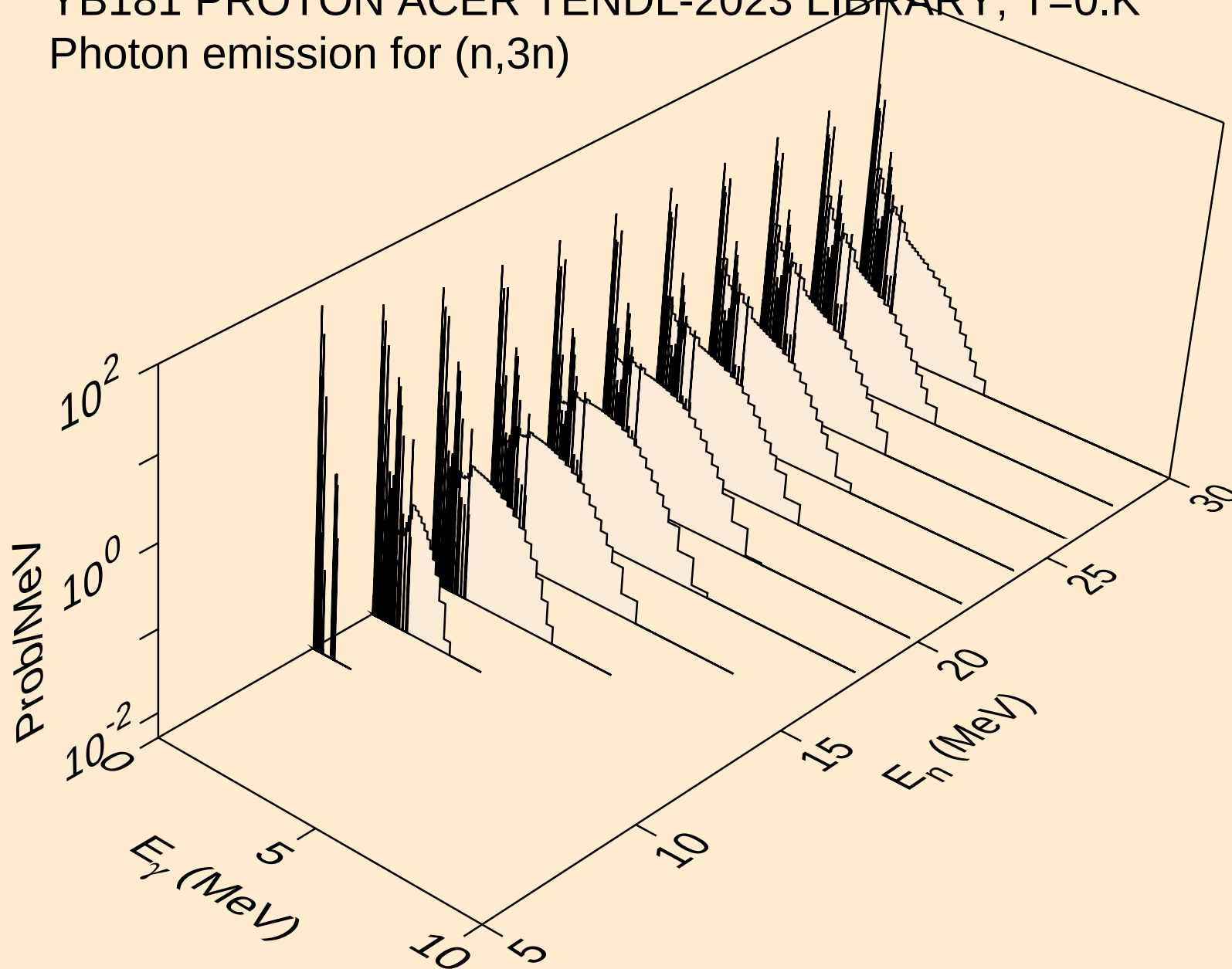
YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2nd)



YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2n)

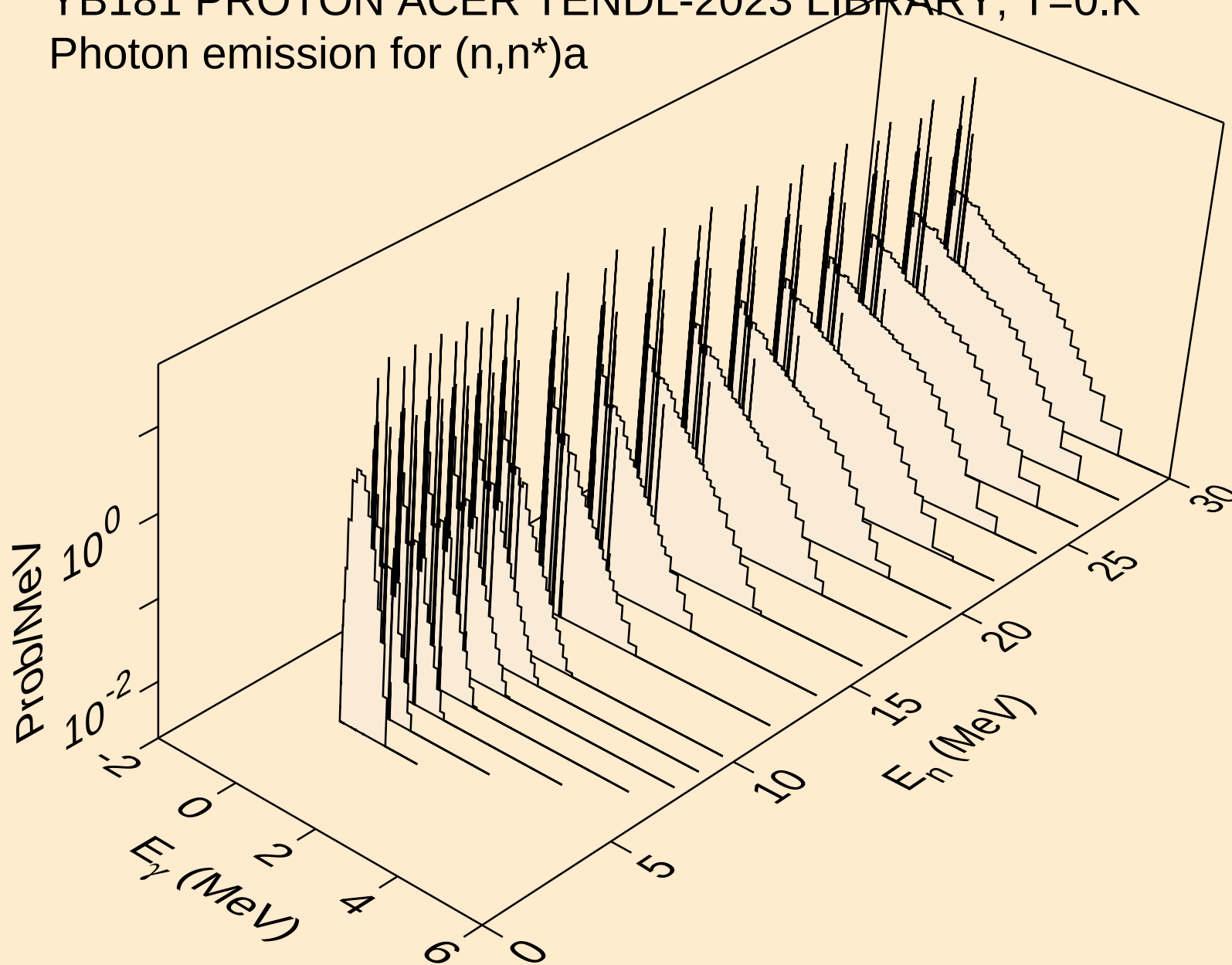


YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3n)

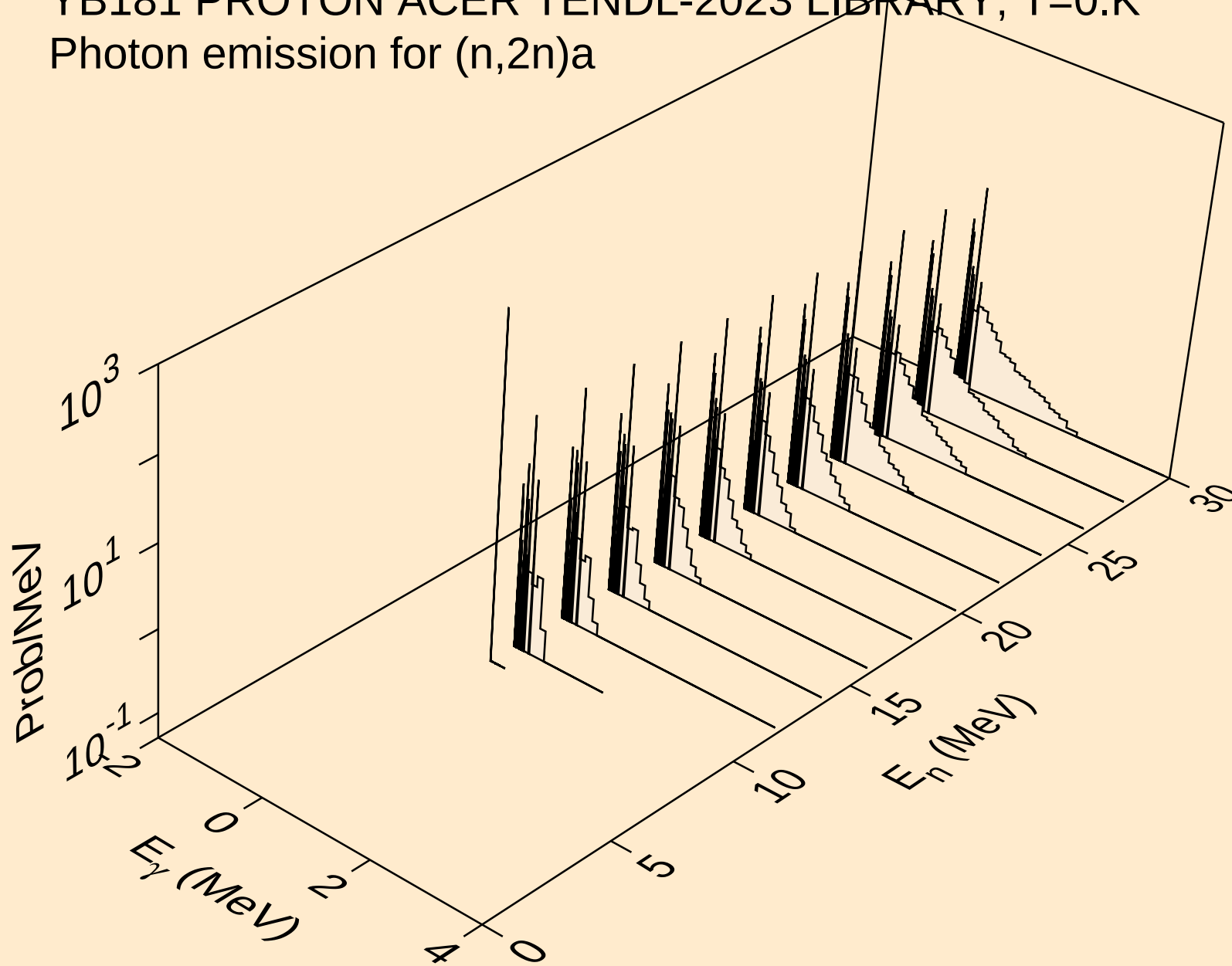


YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a

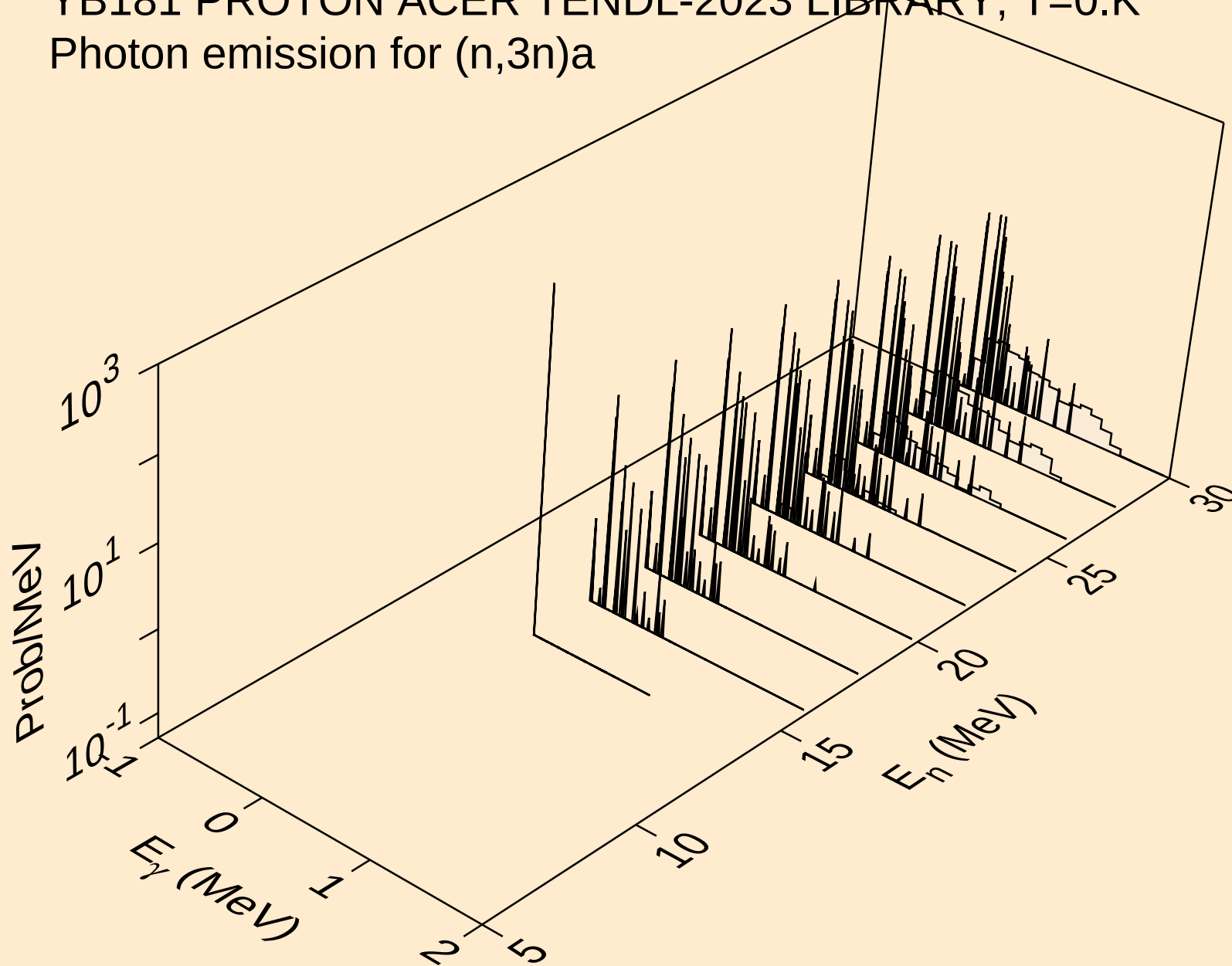


YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2n) α



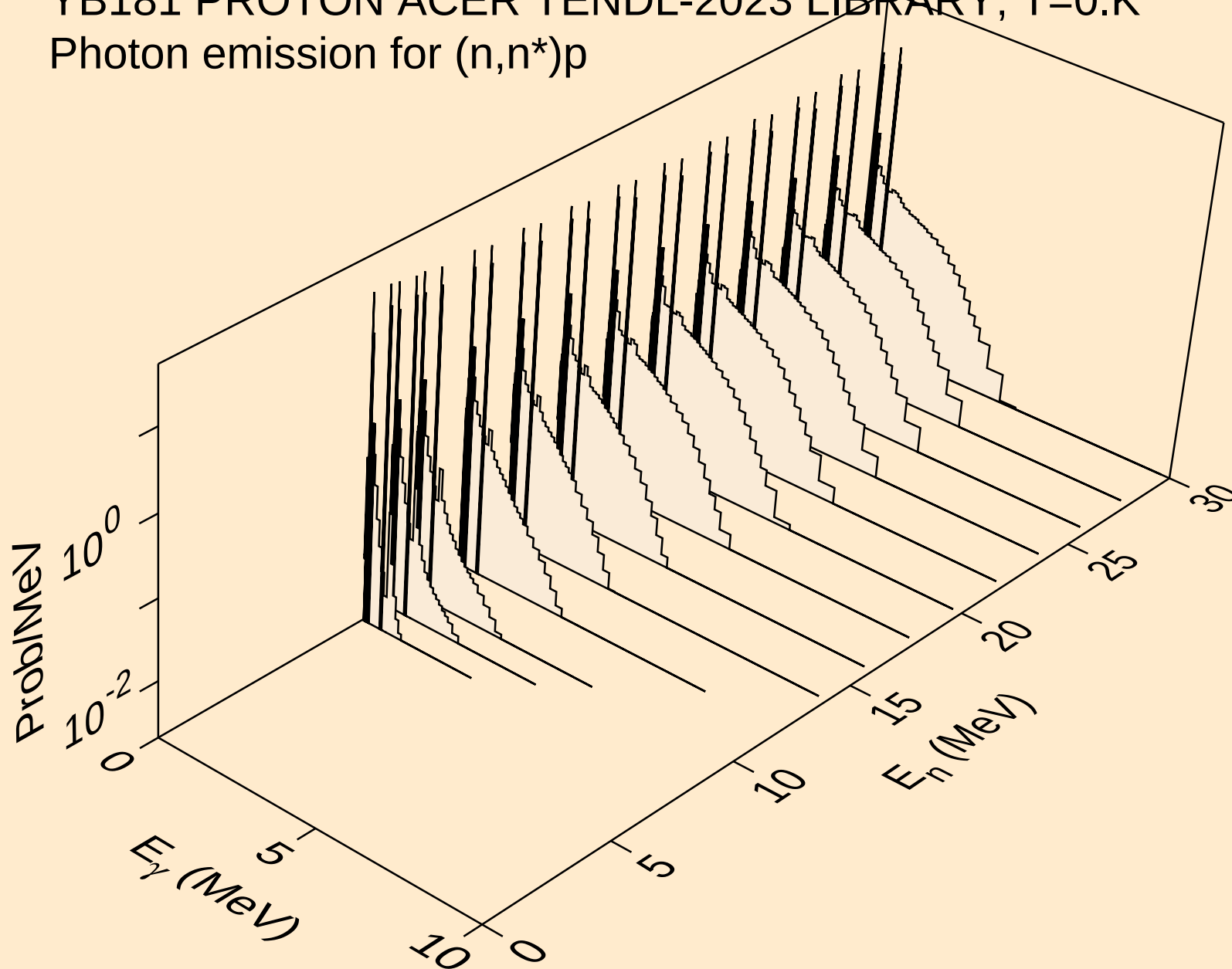
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Photon emission for (n,3n) α



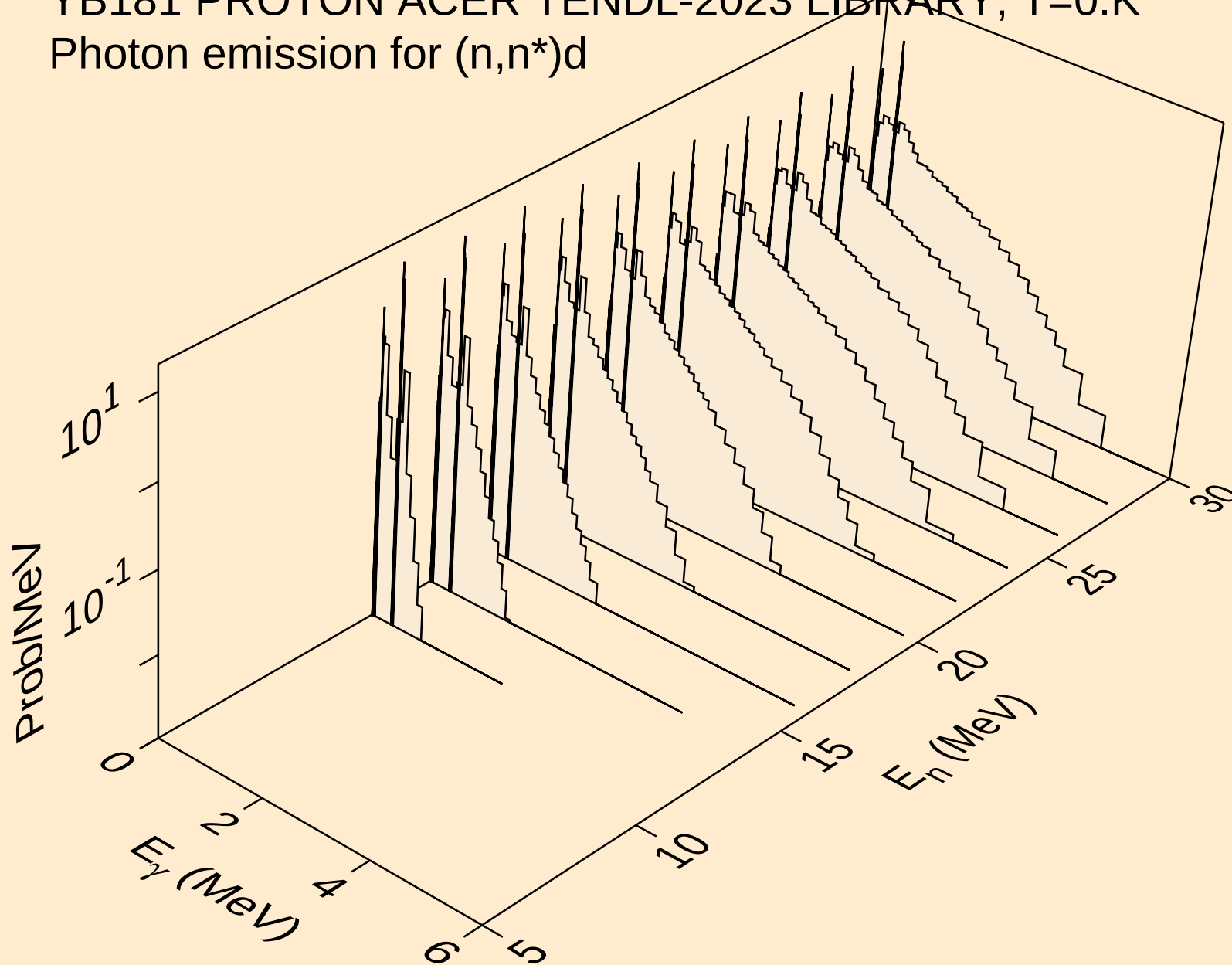
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



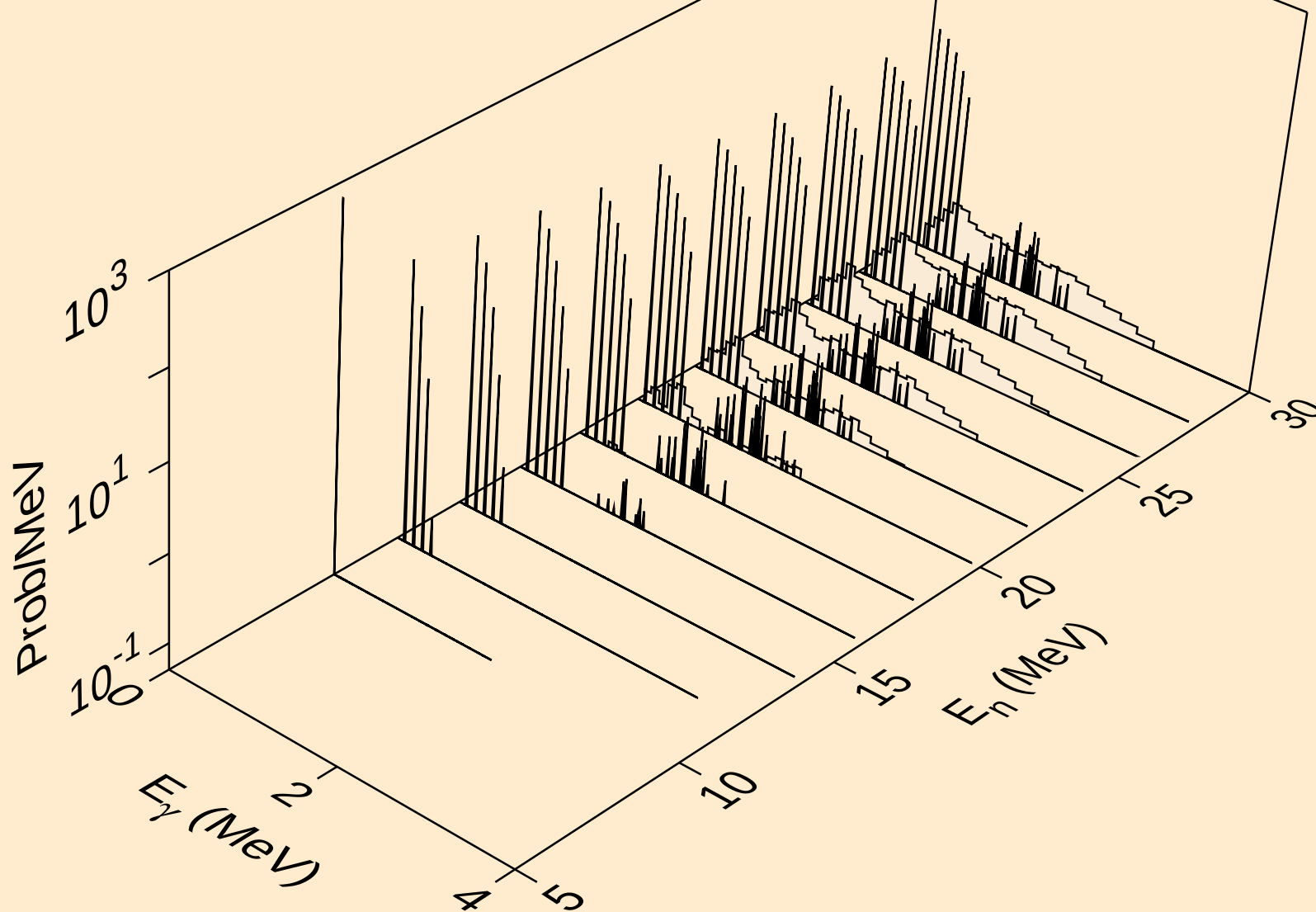
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

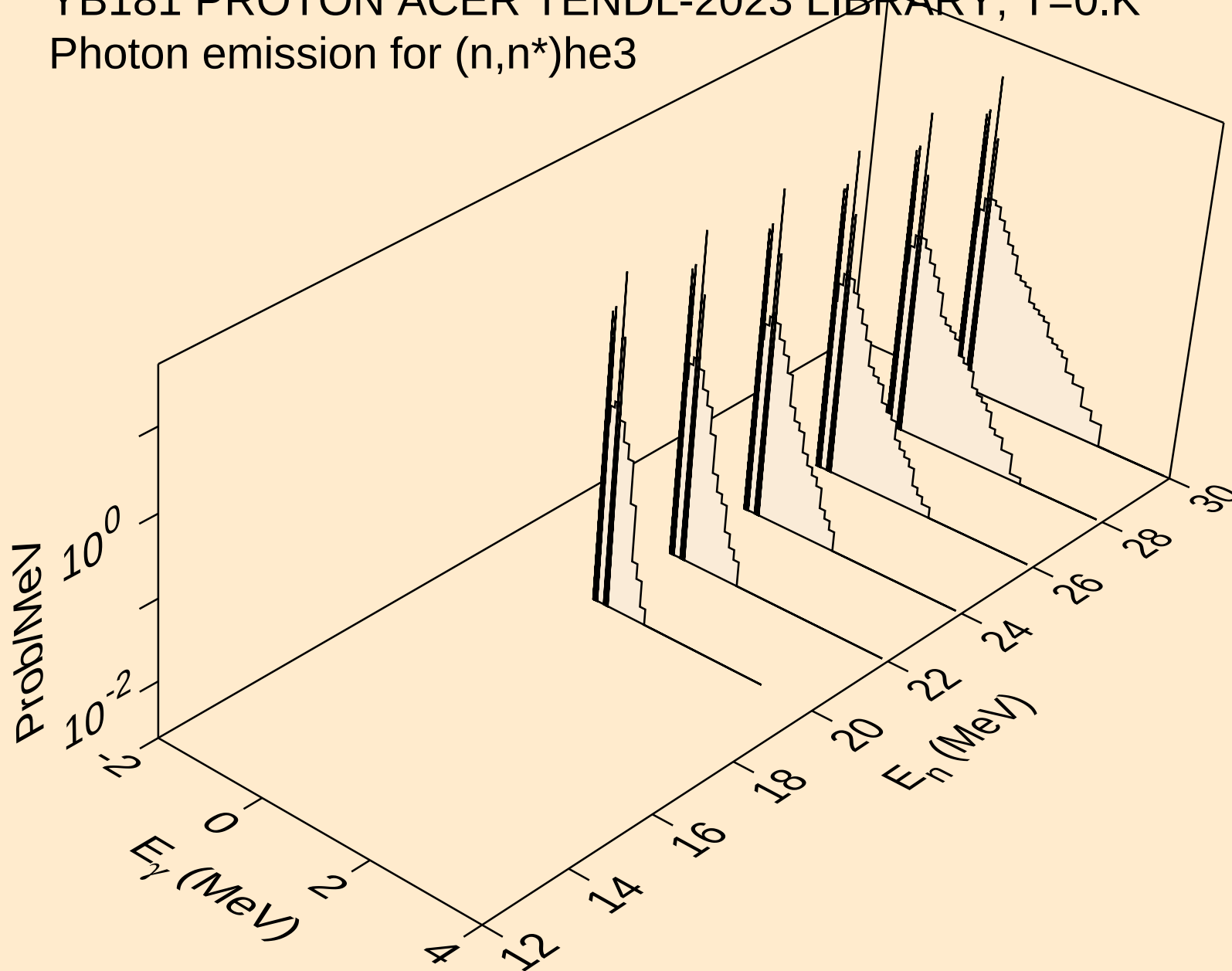


YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$

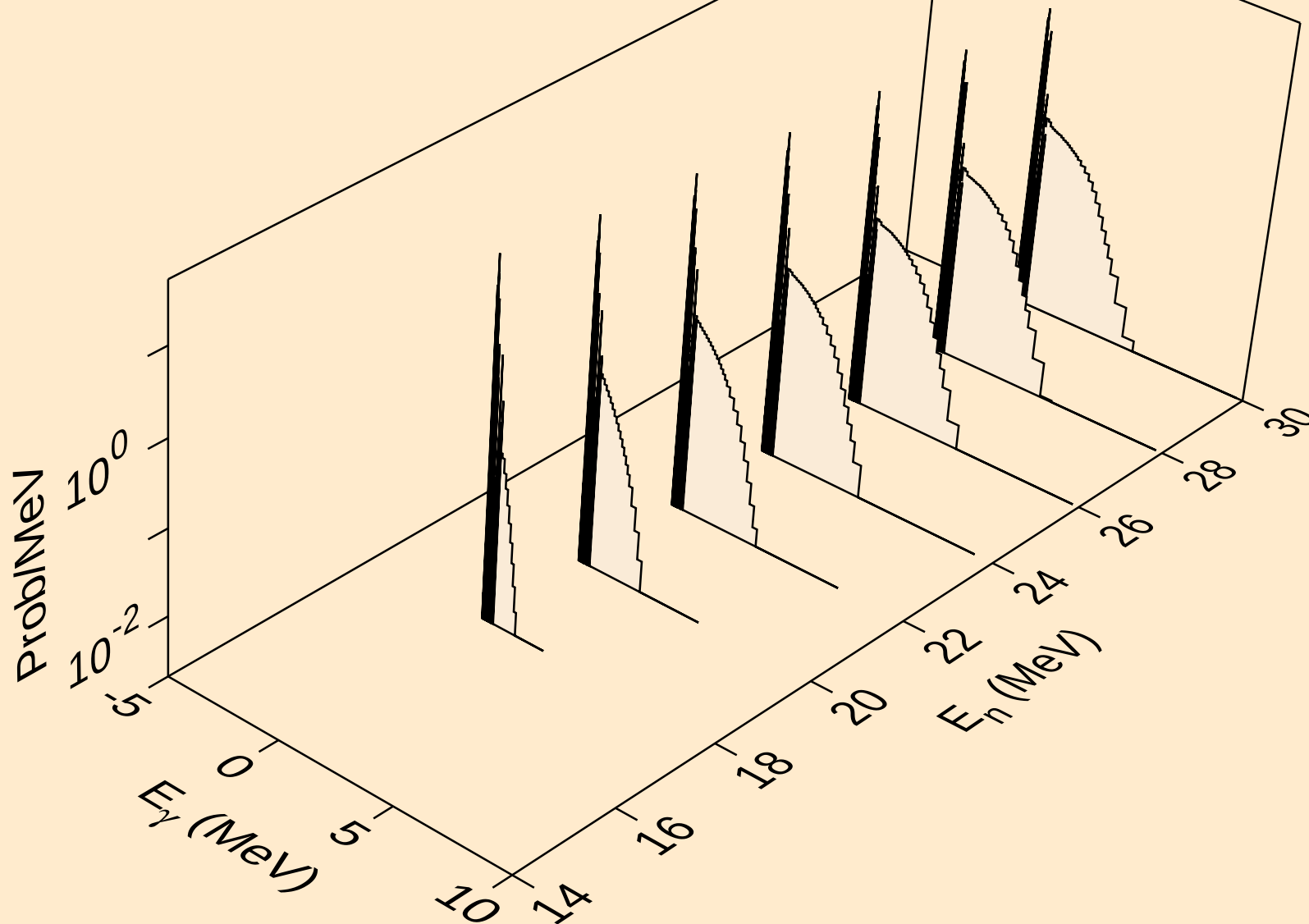
Photon emission for $(n,n^*)t$



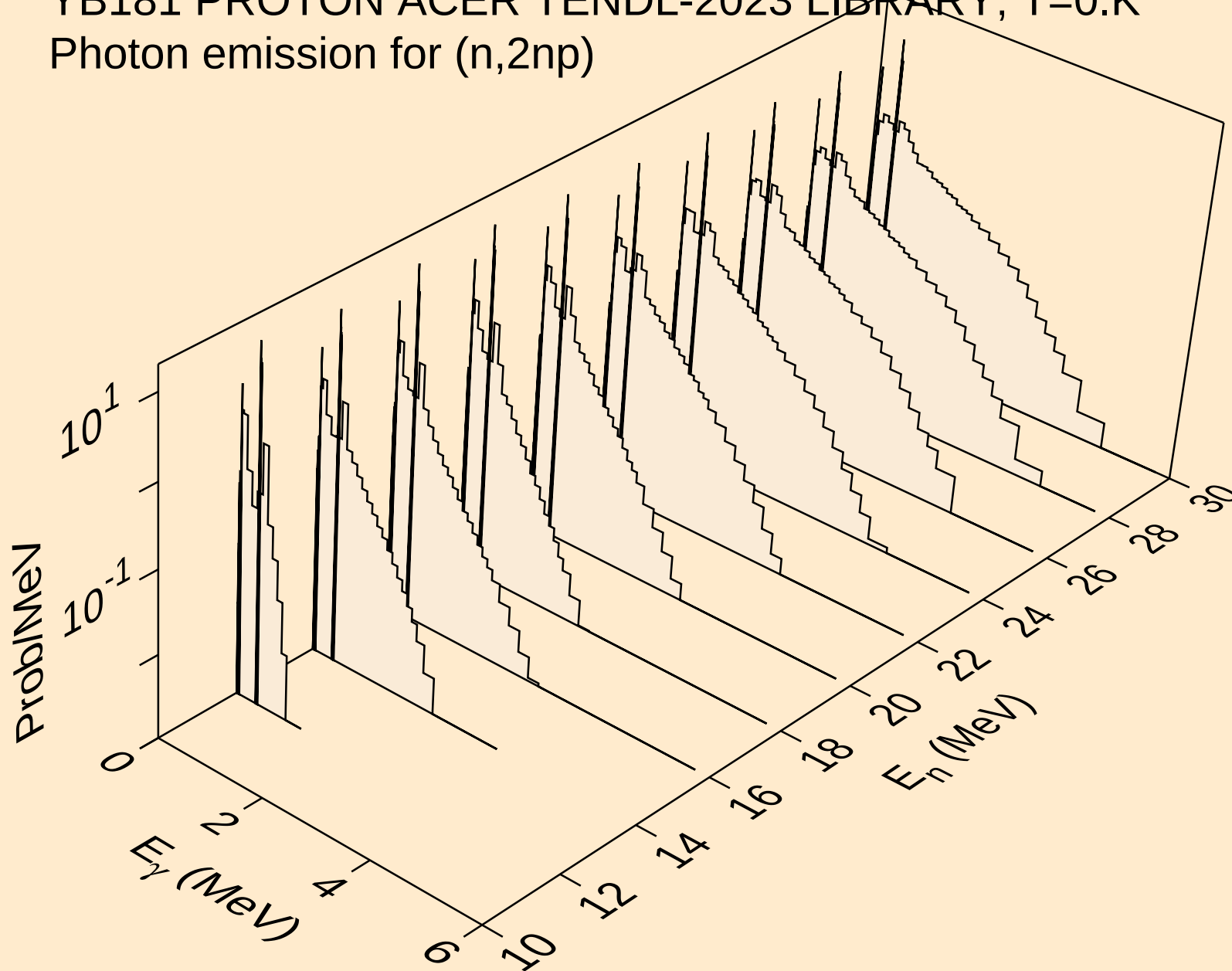
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



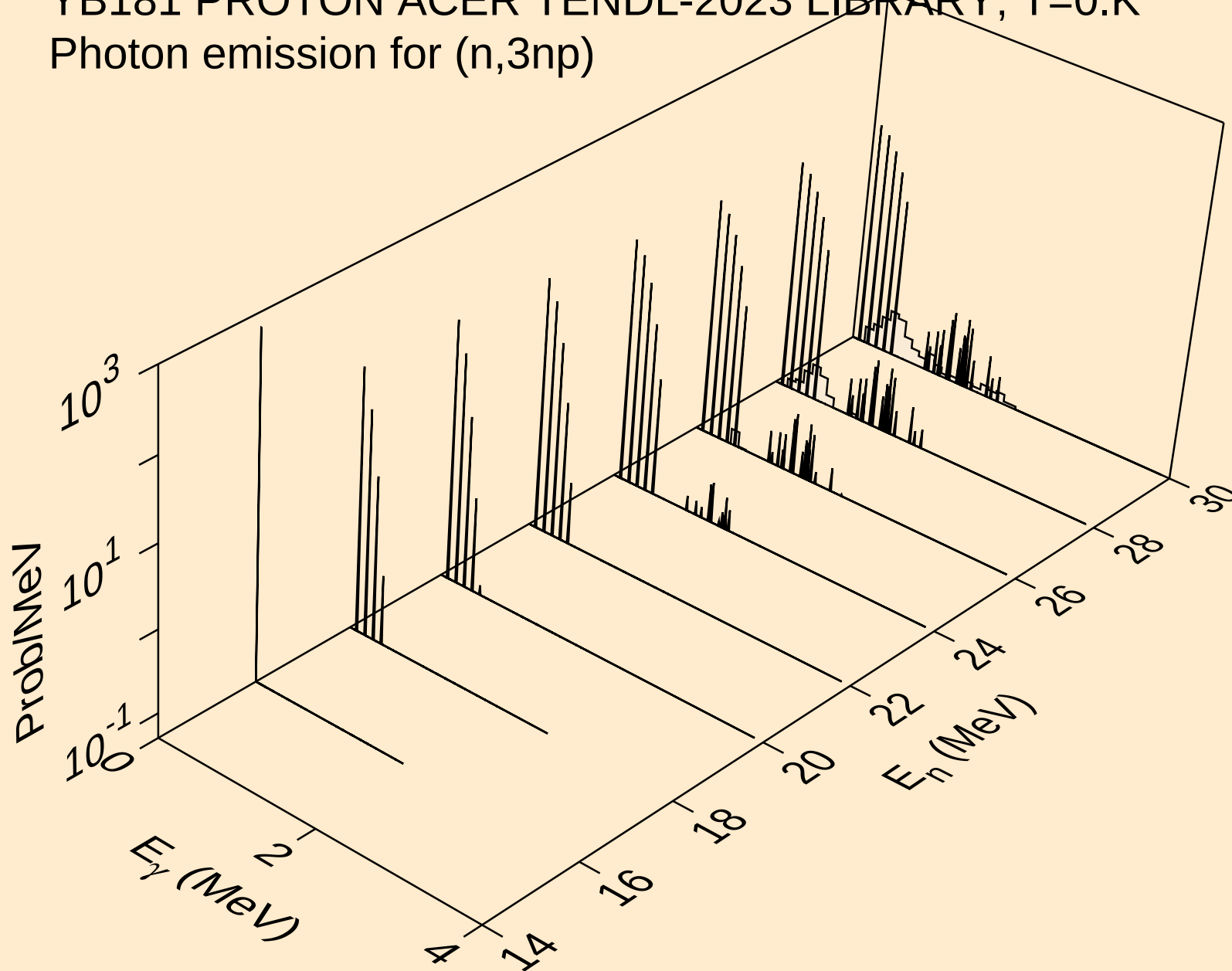
YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,4n)



YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2np)

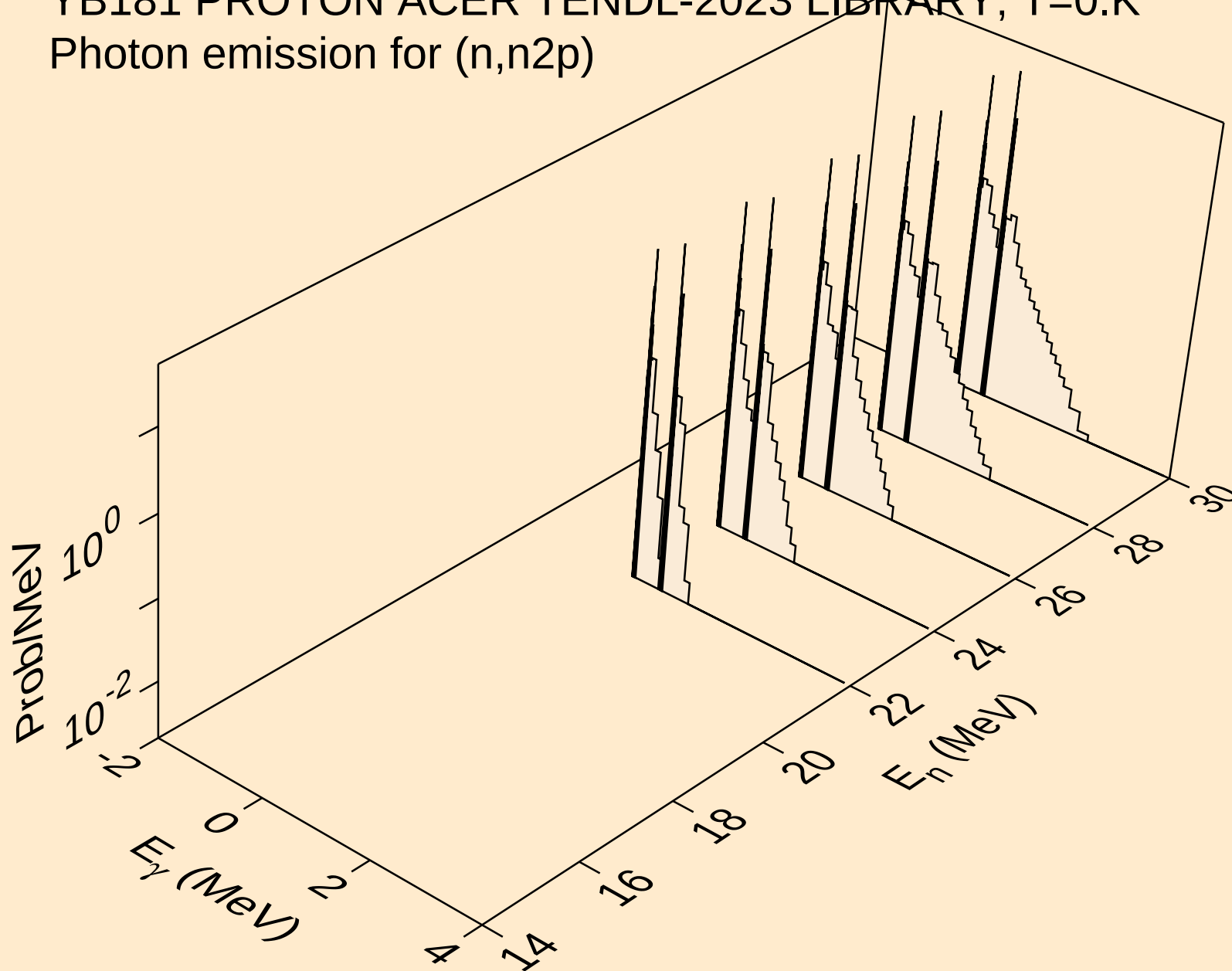


YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3np)

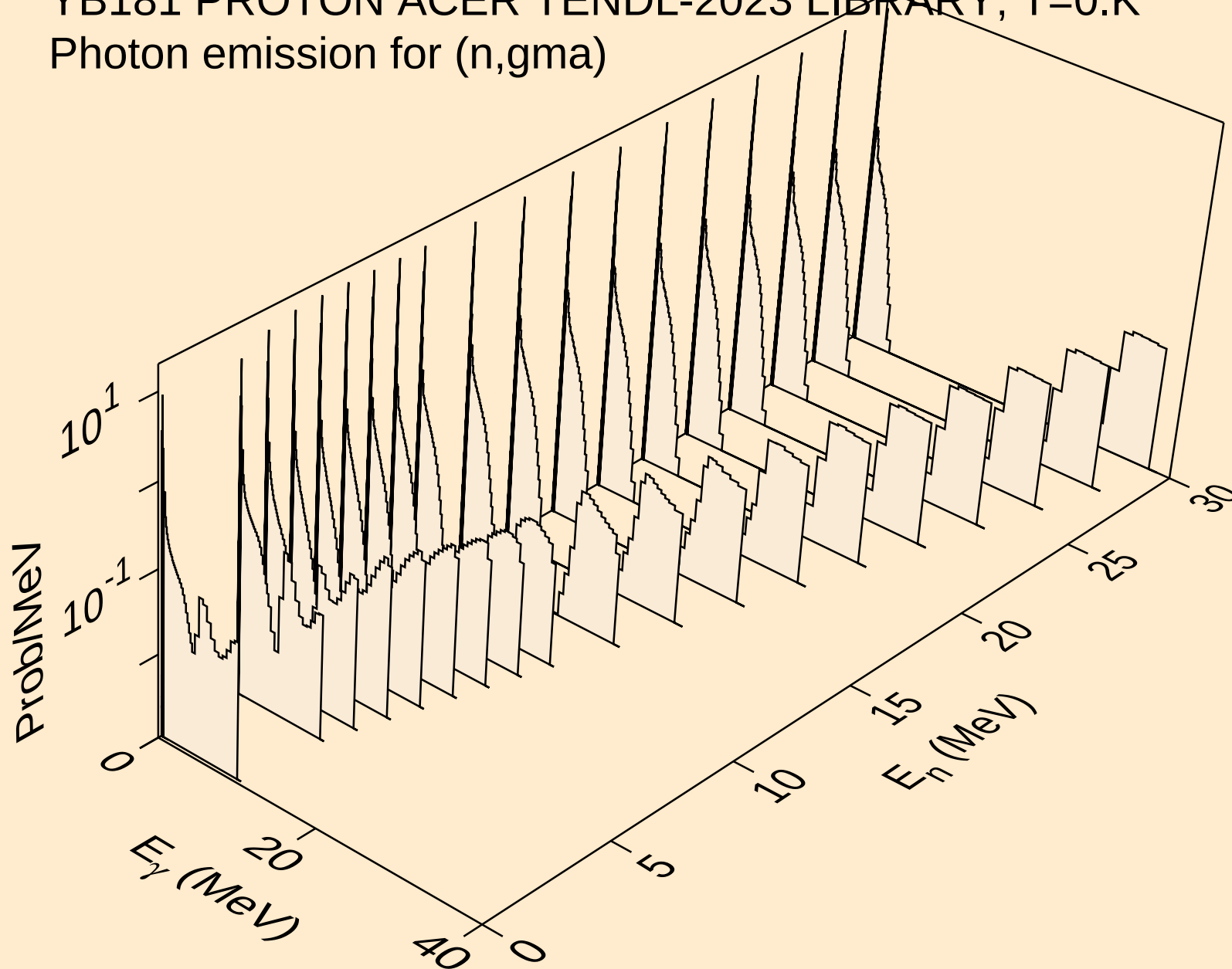


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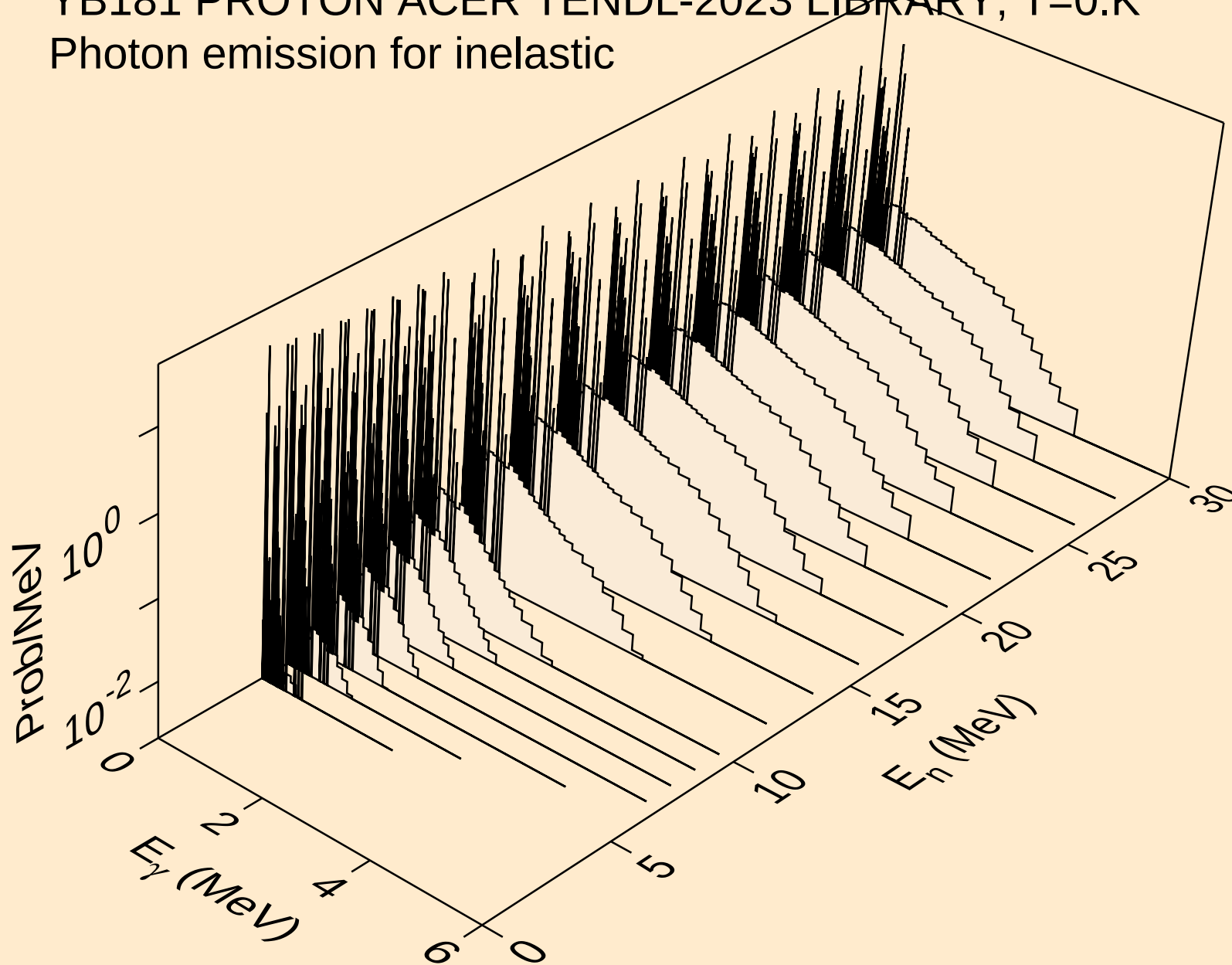
Photon emission for (n,n2p)



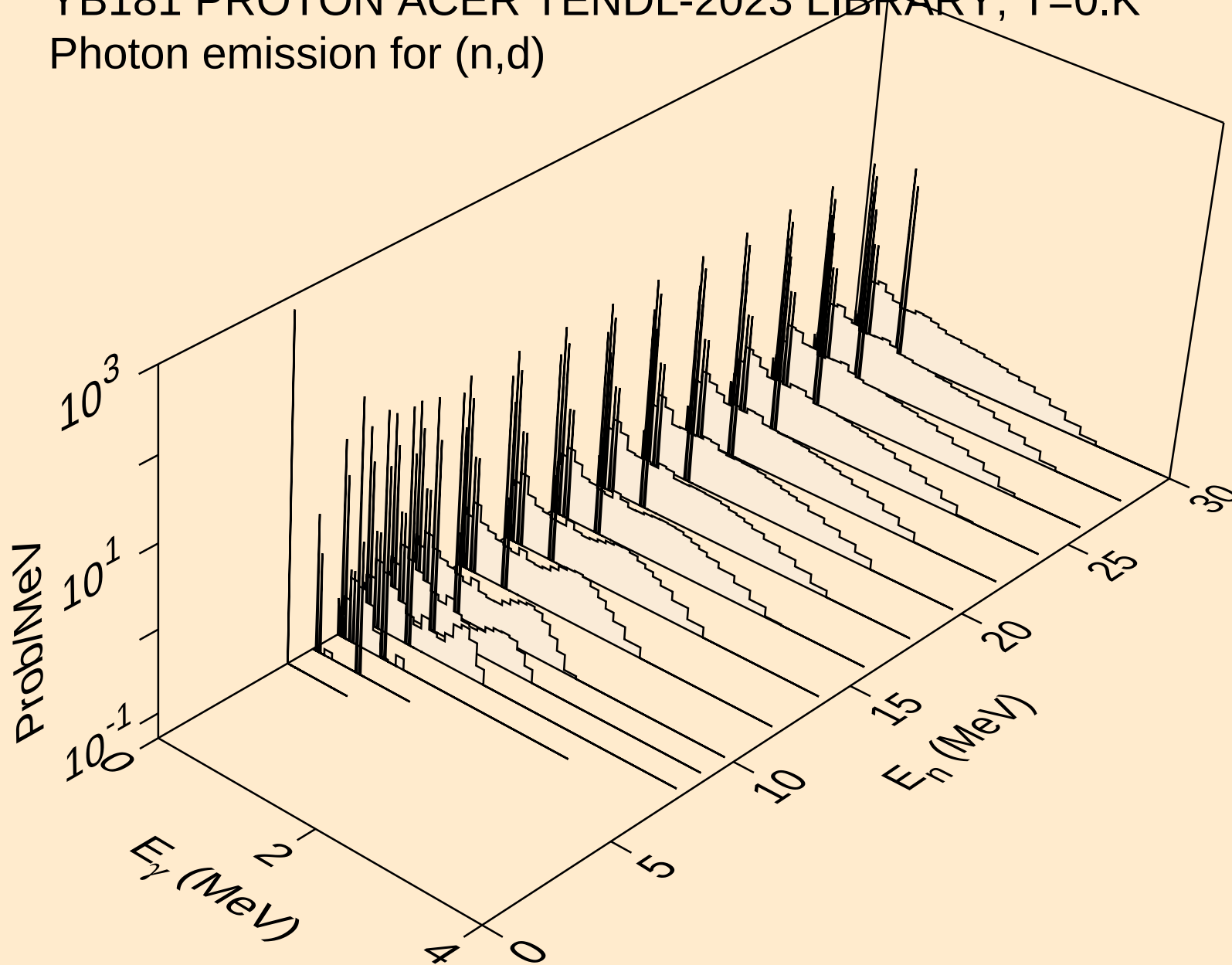
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Photon emission for (n,gma)



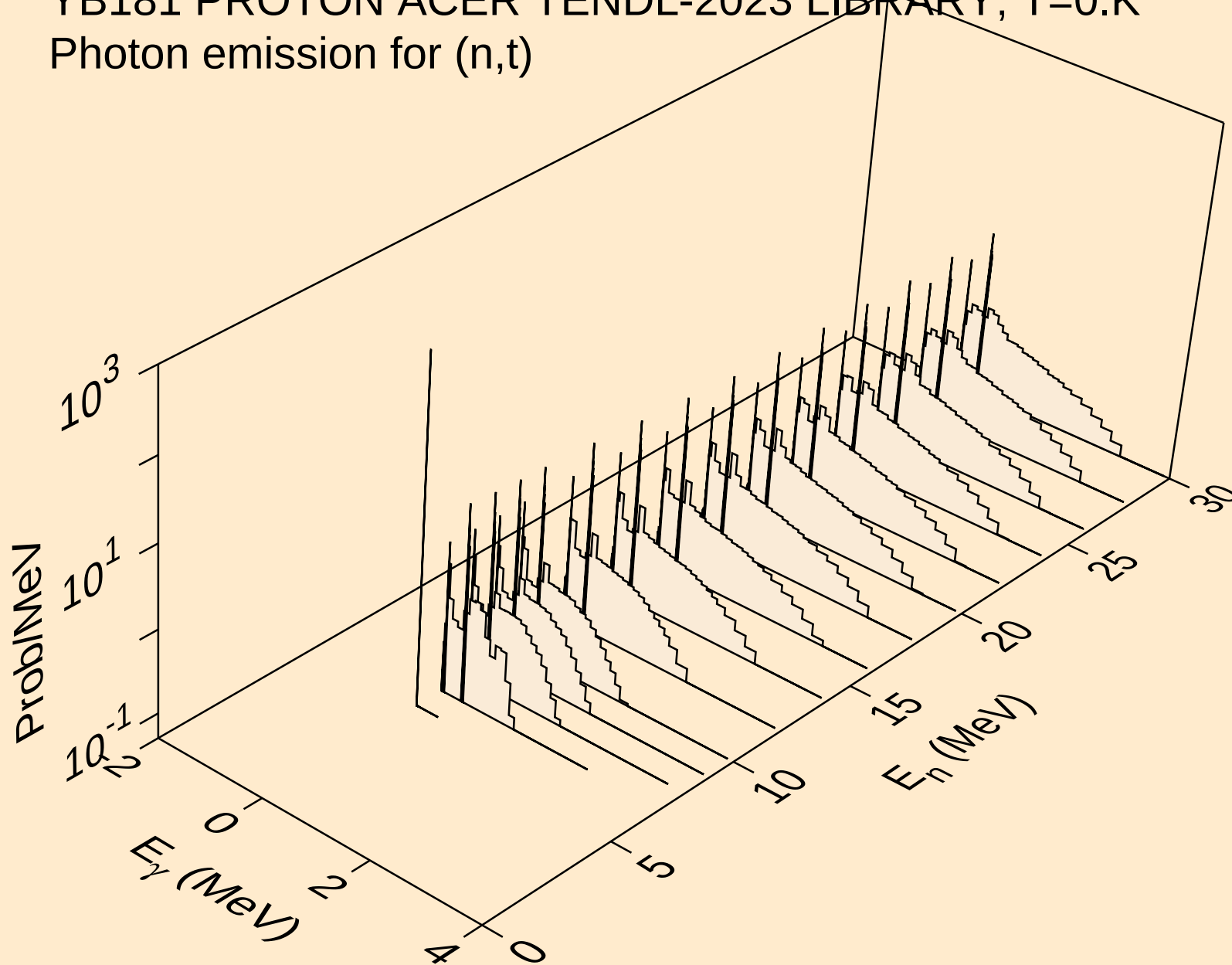
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



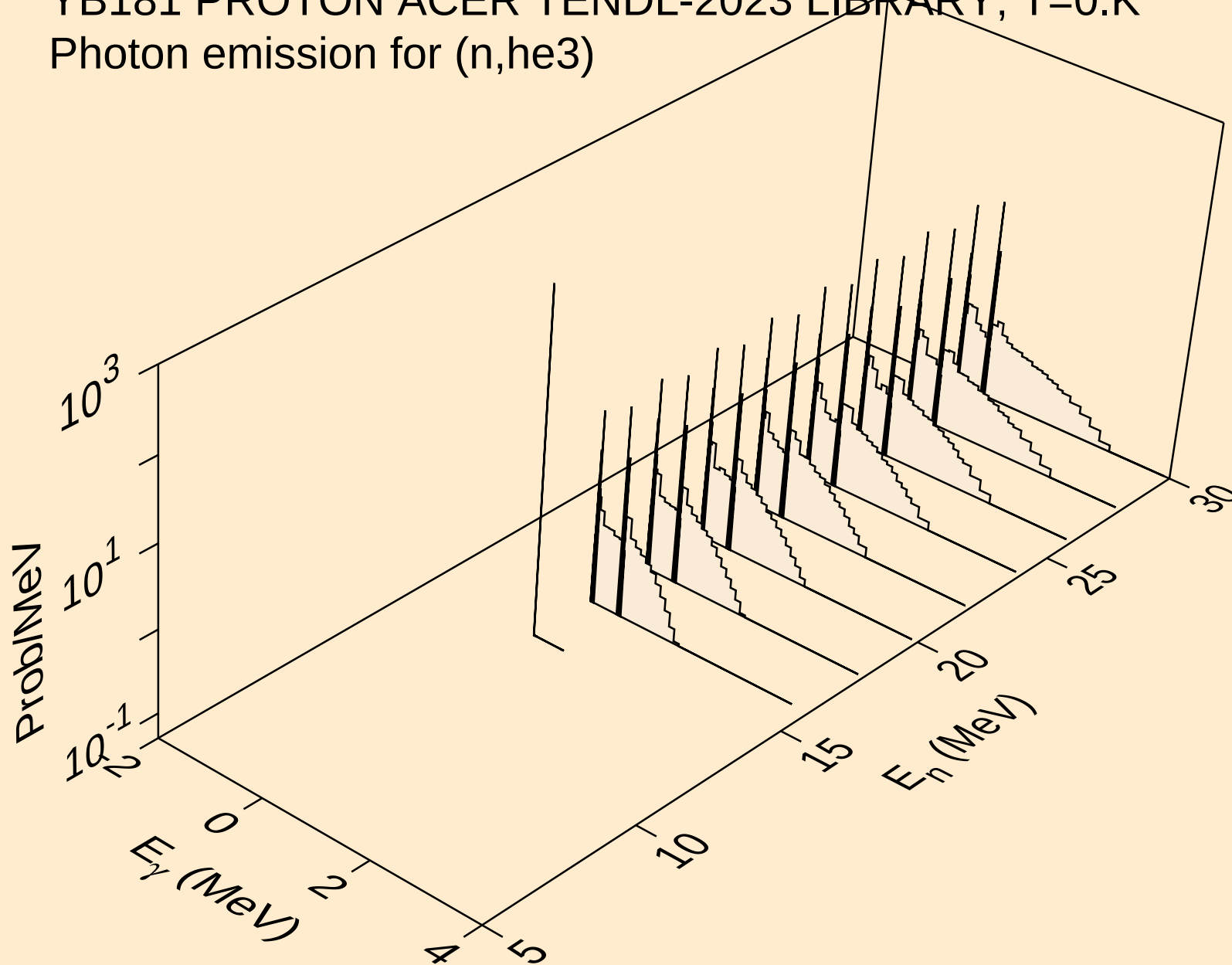
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)

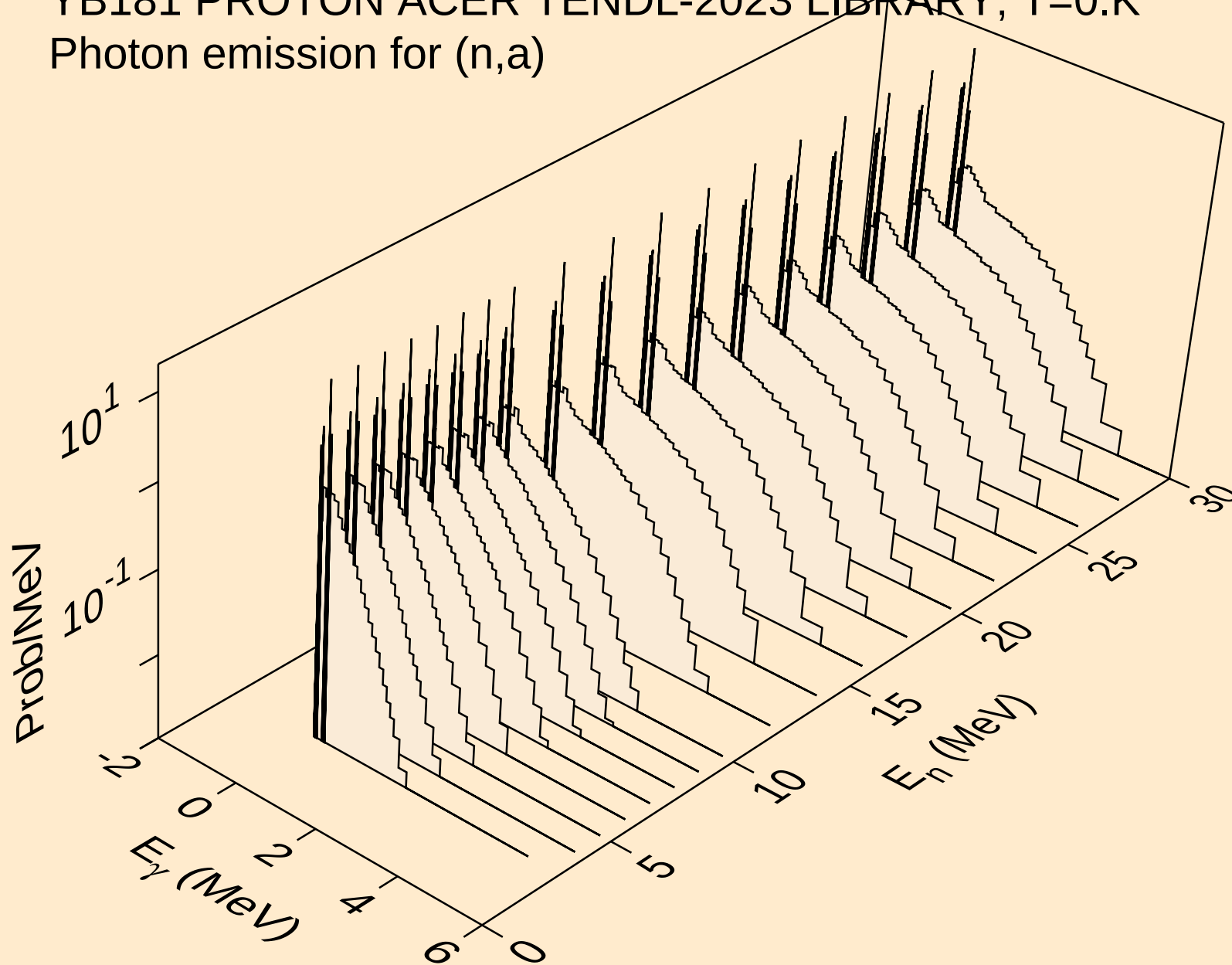


YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,he3)

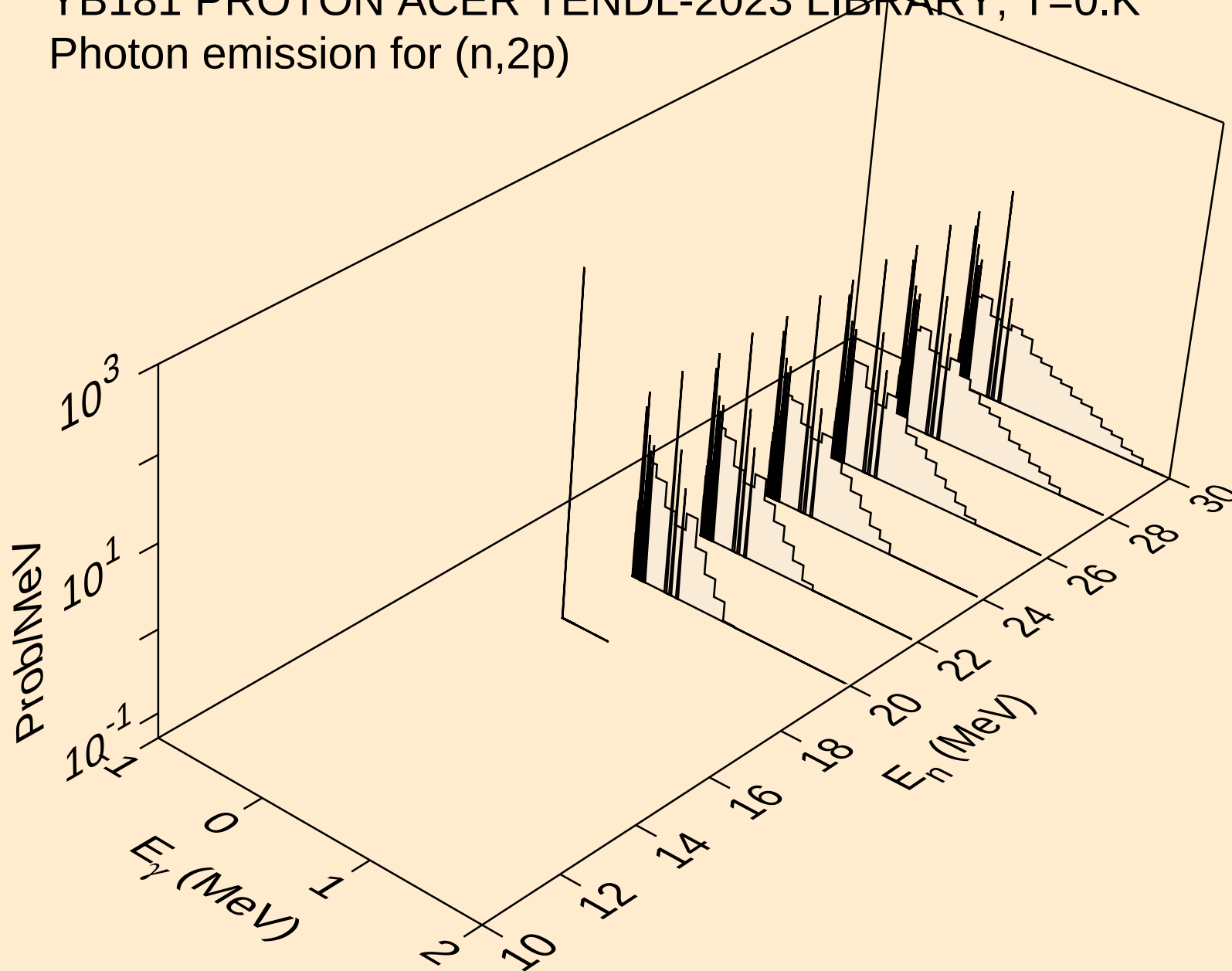


YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,a)

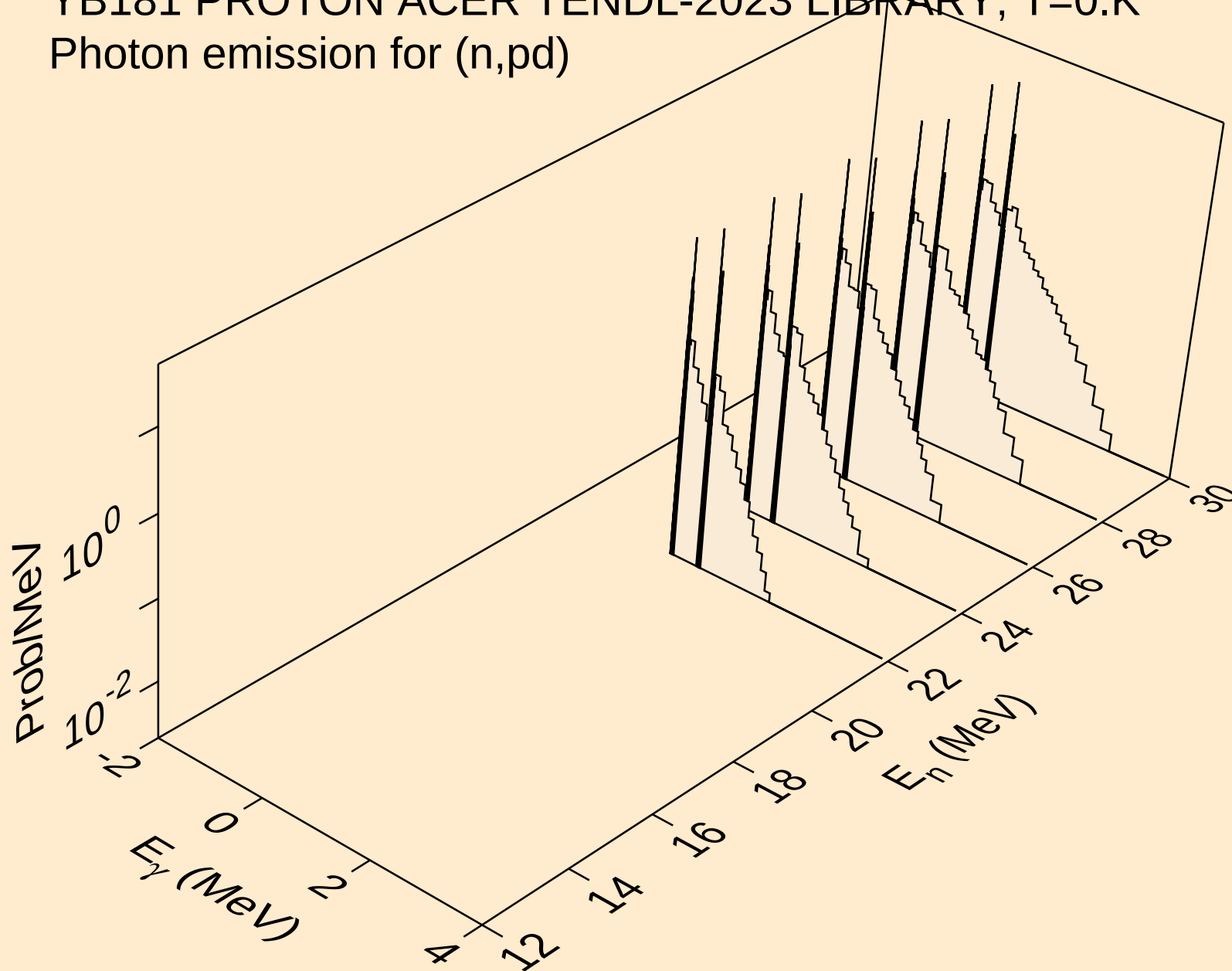


YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2p)



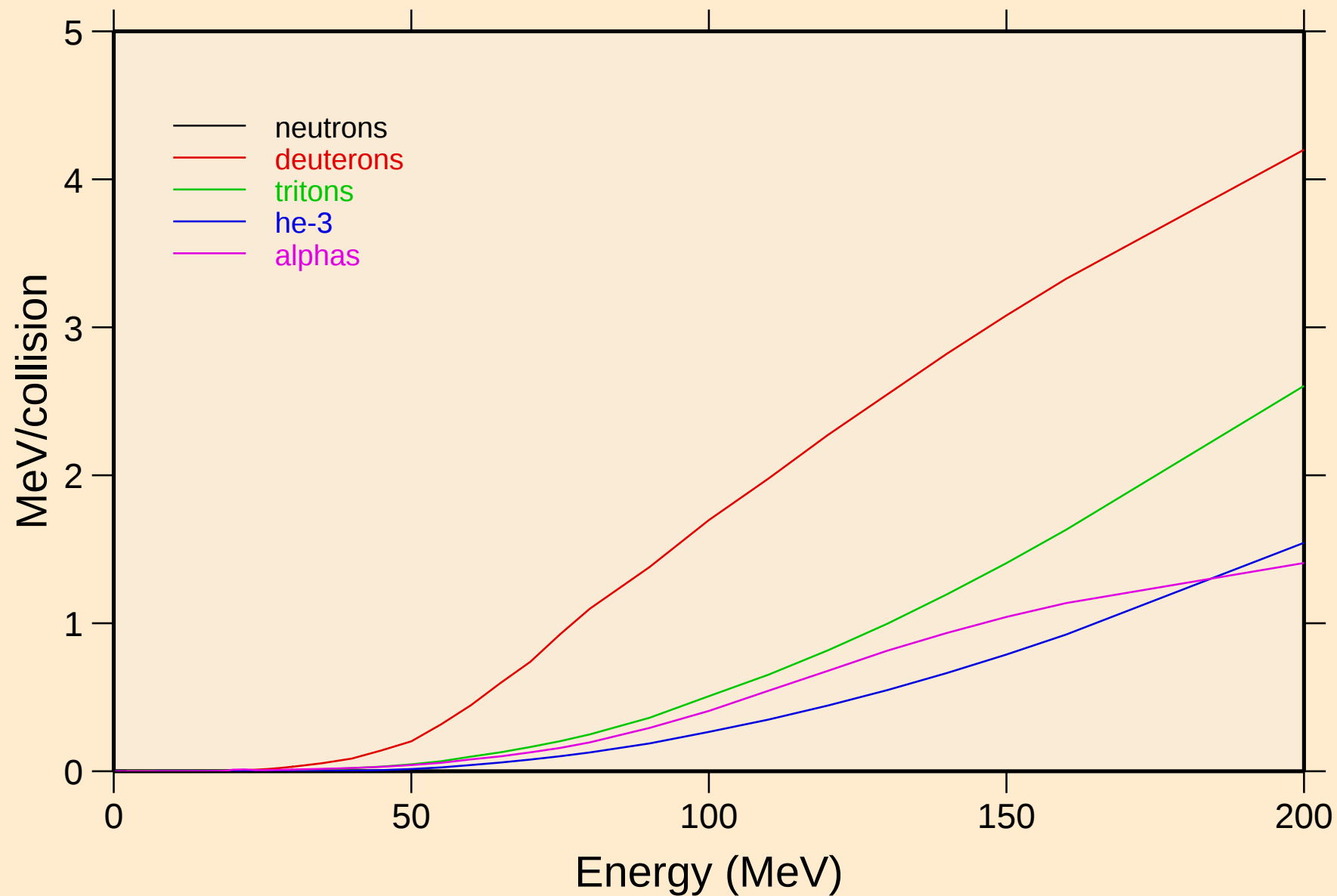
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pd)



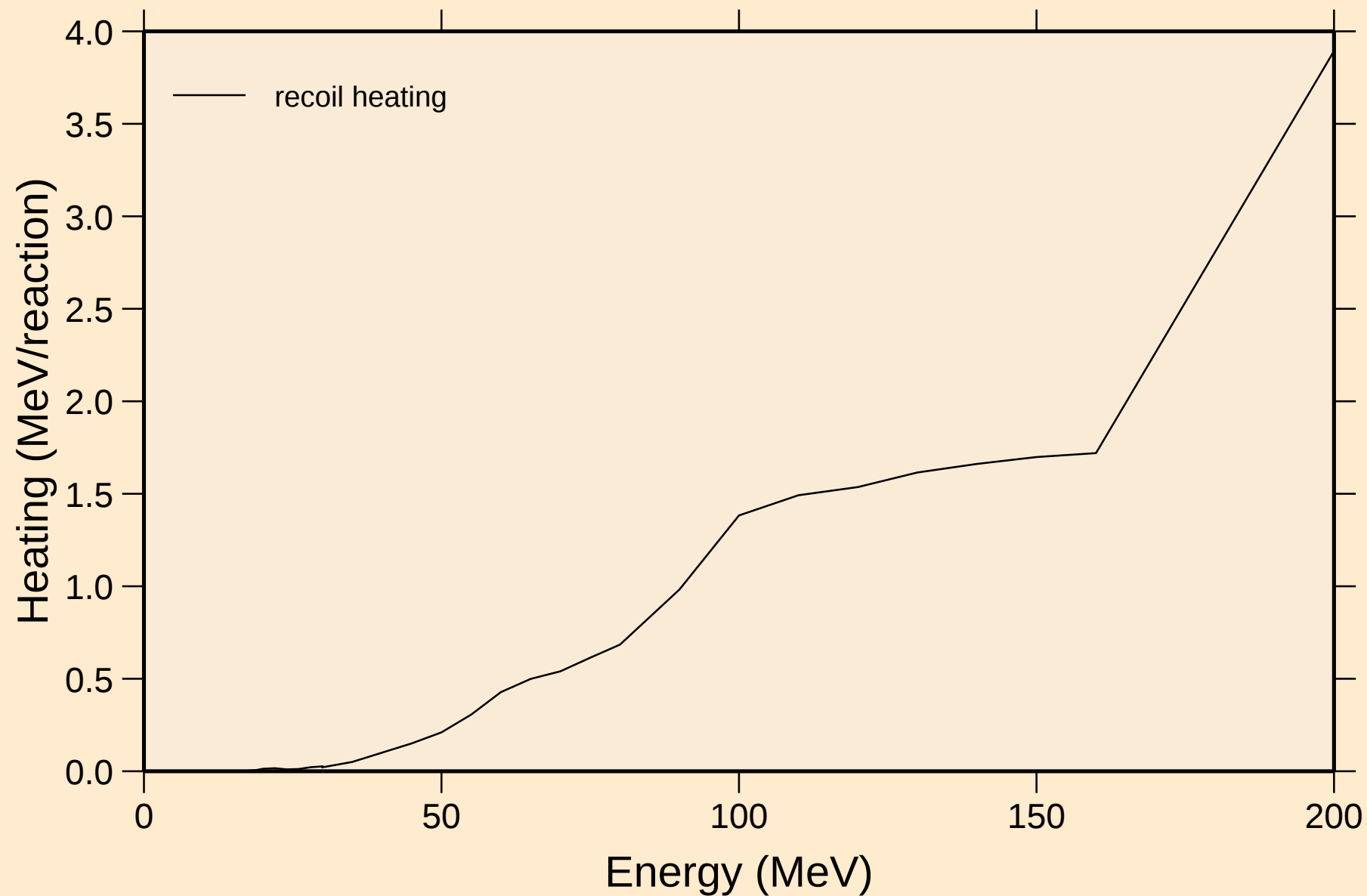
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Particle heating contributions



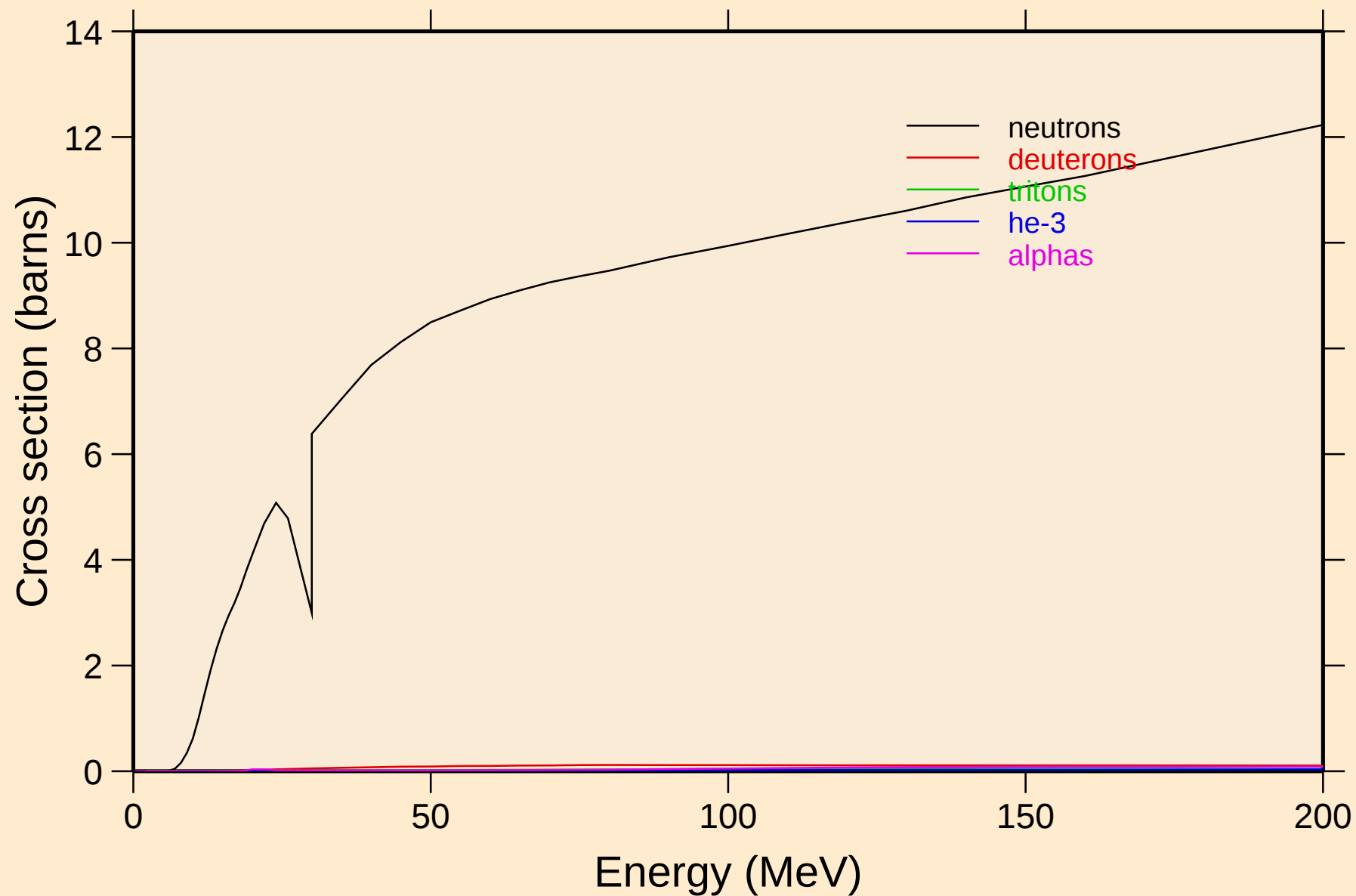
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Recoil Heating

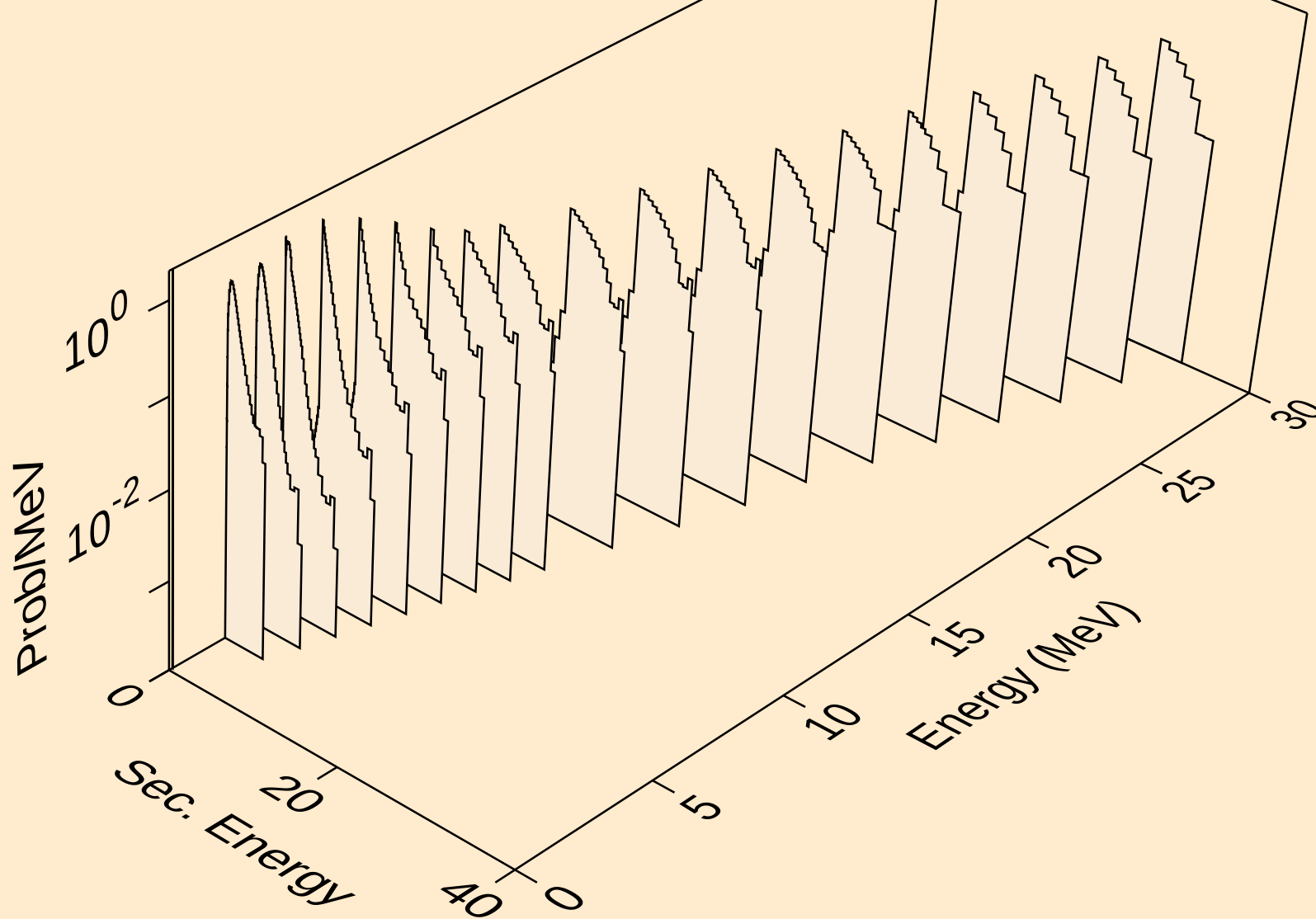


YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

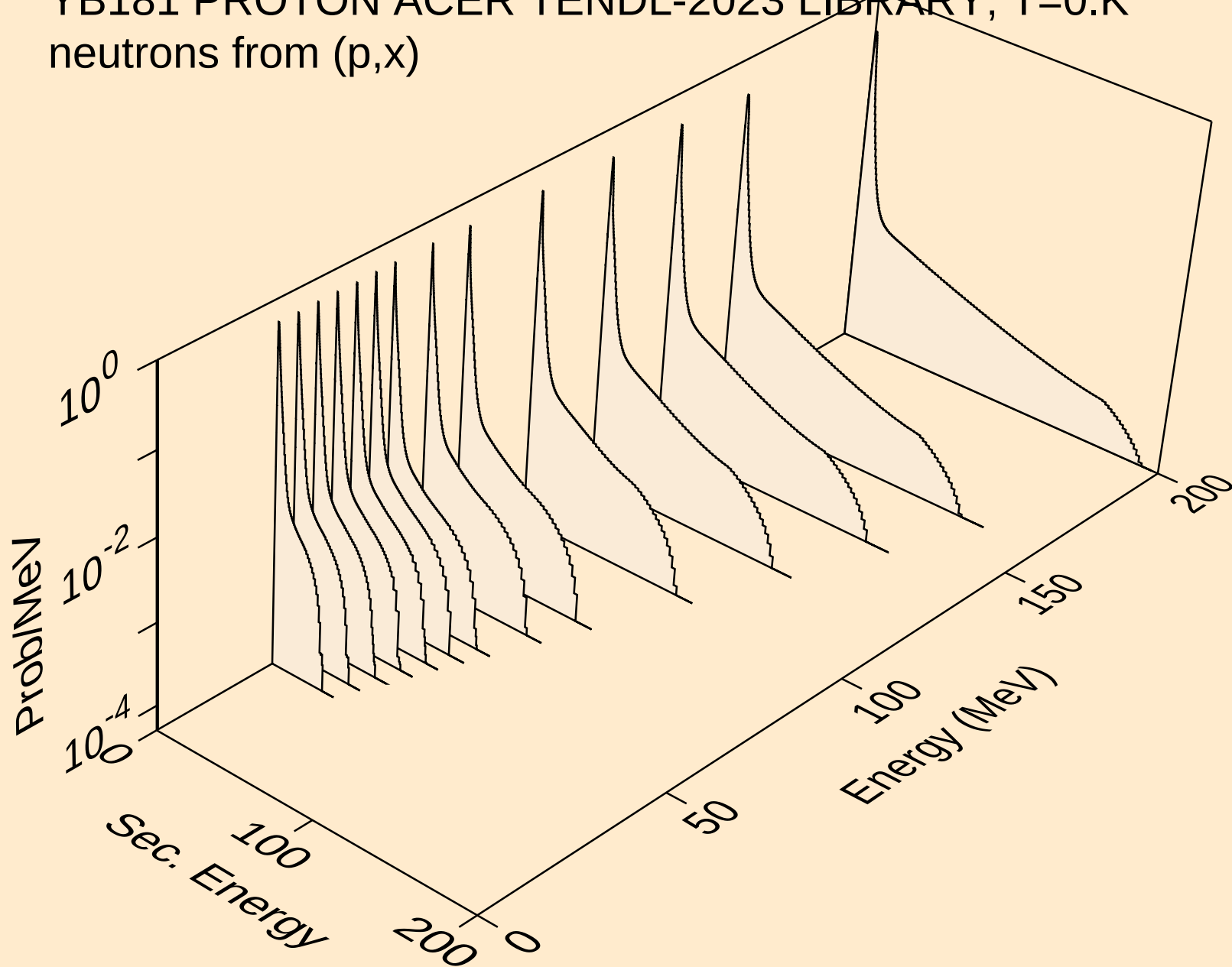
Particle production cross sections



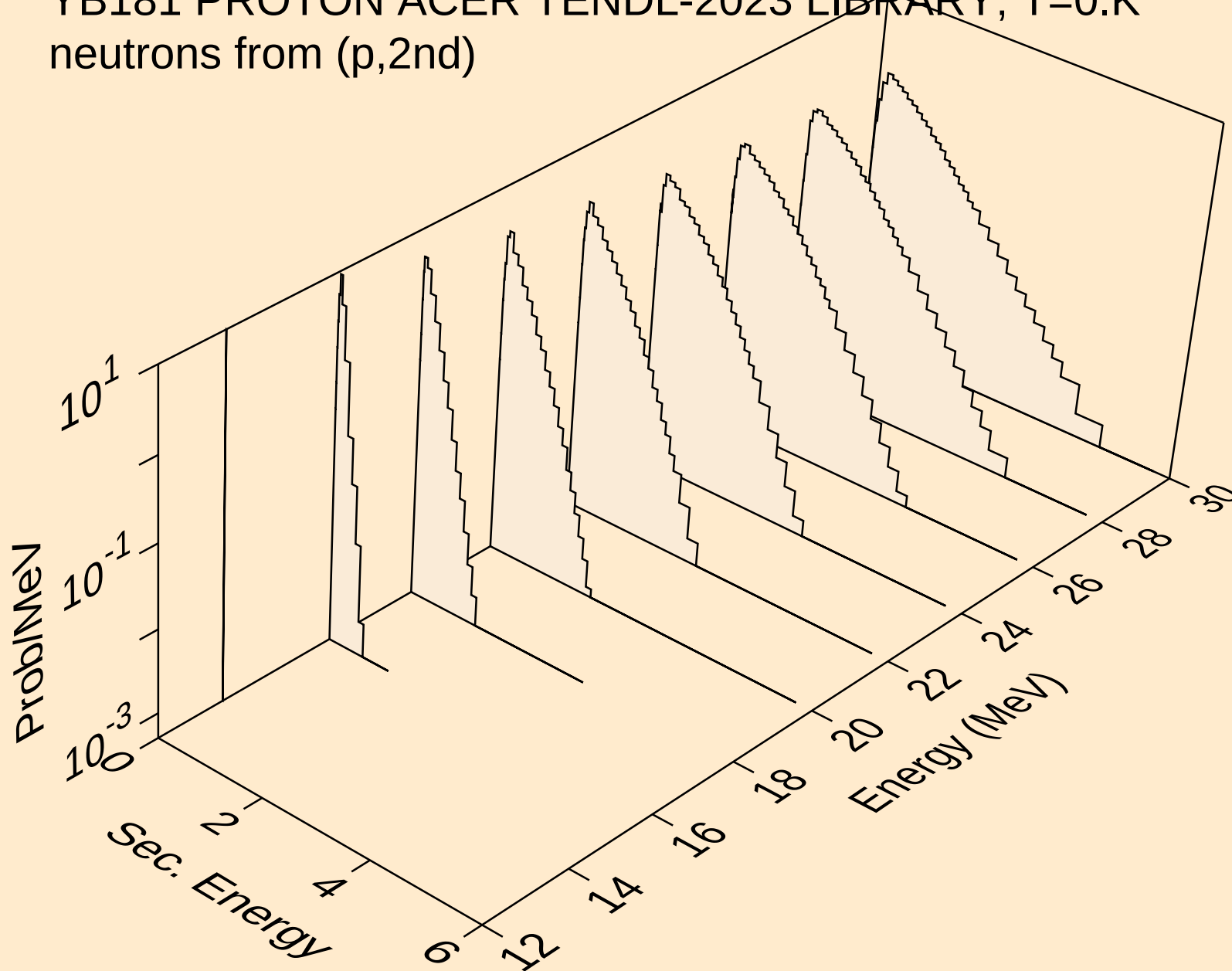
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



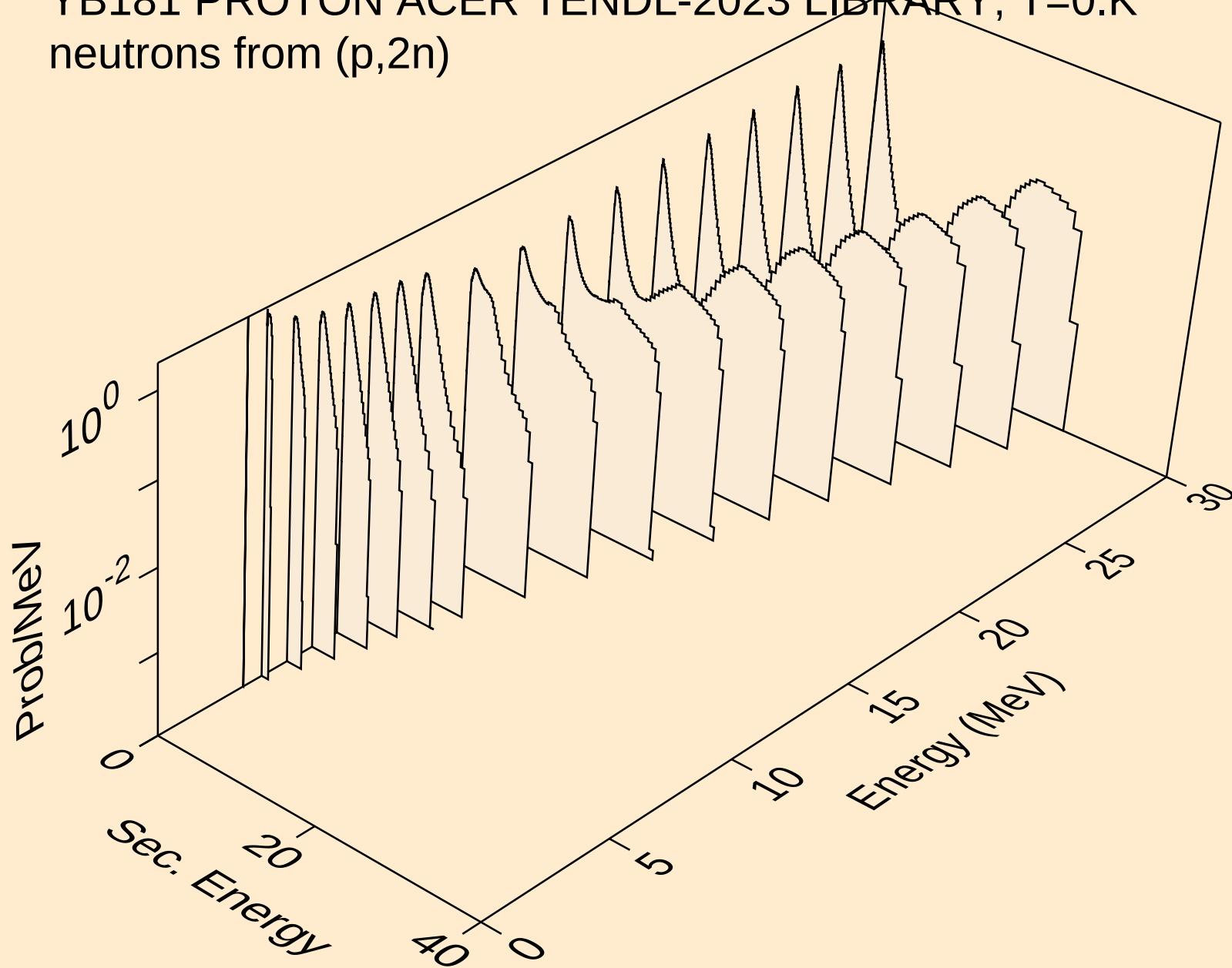
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



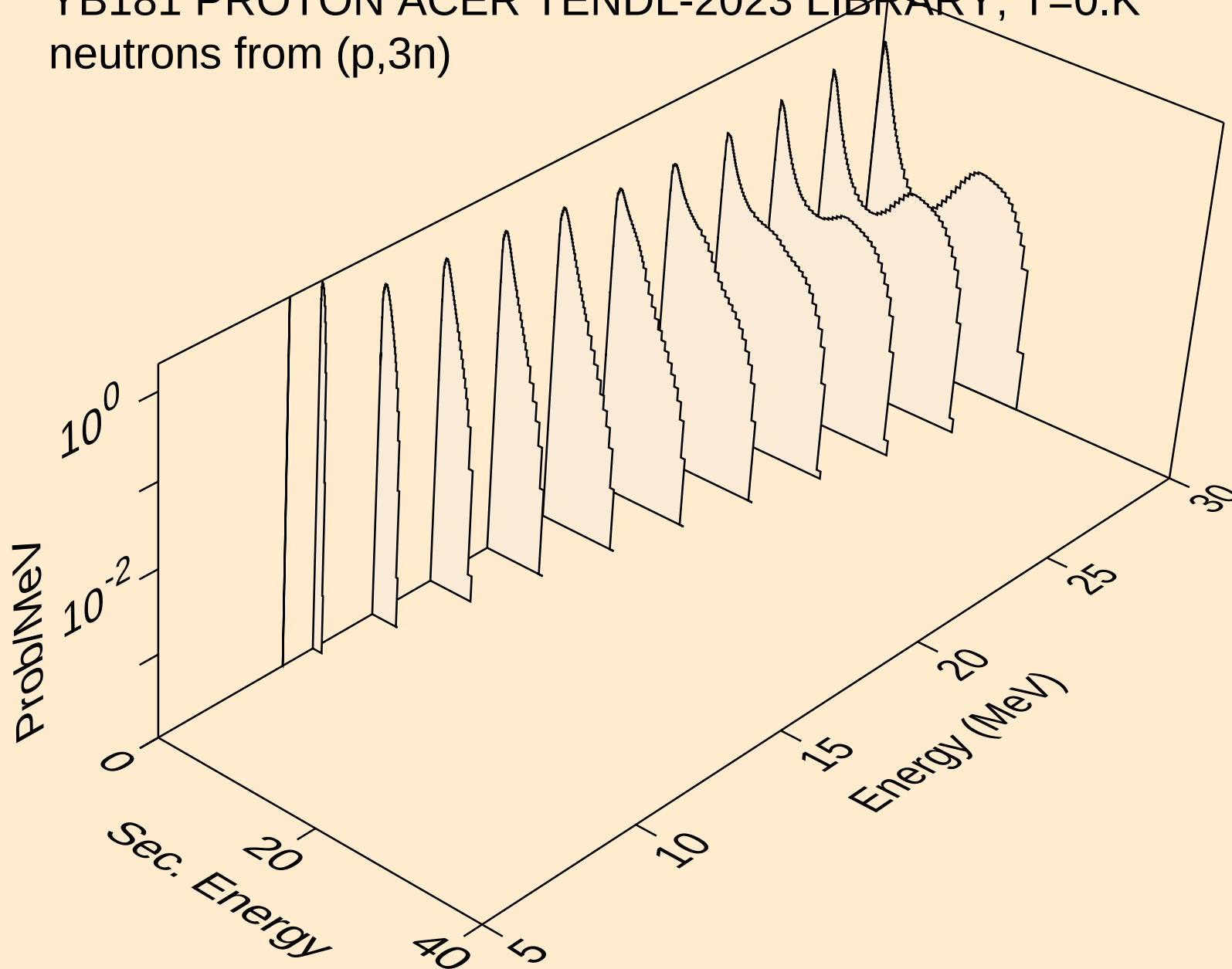
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neutrons from (p,2nd)



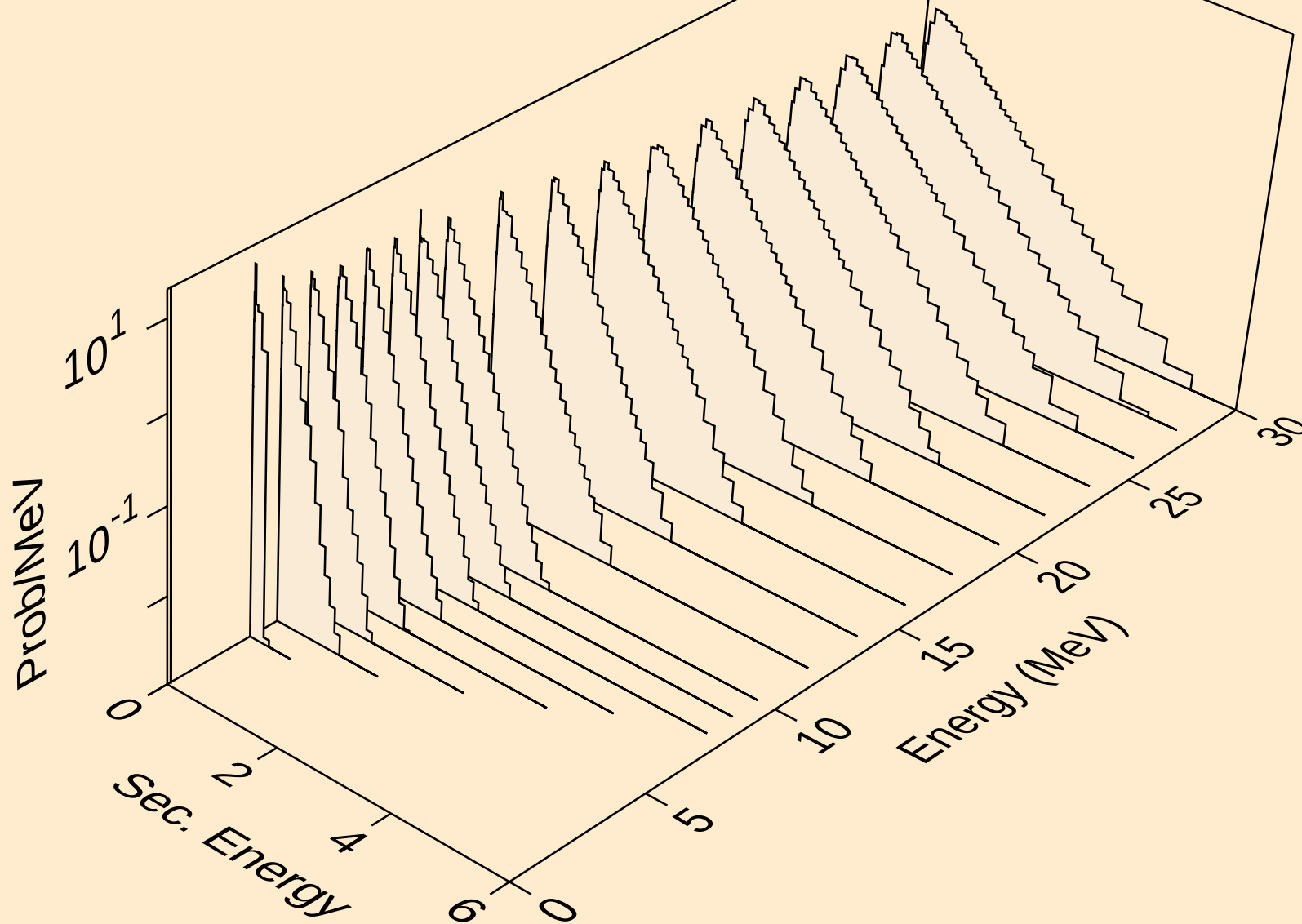
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neutrons from (p,2n)



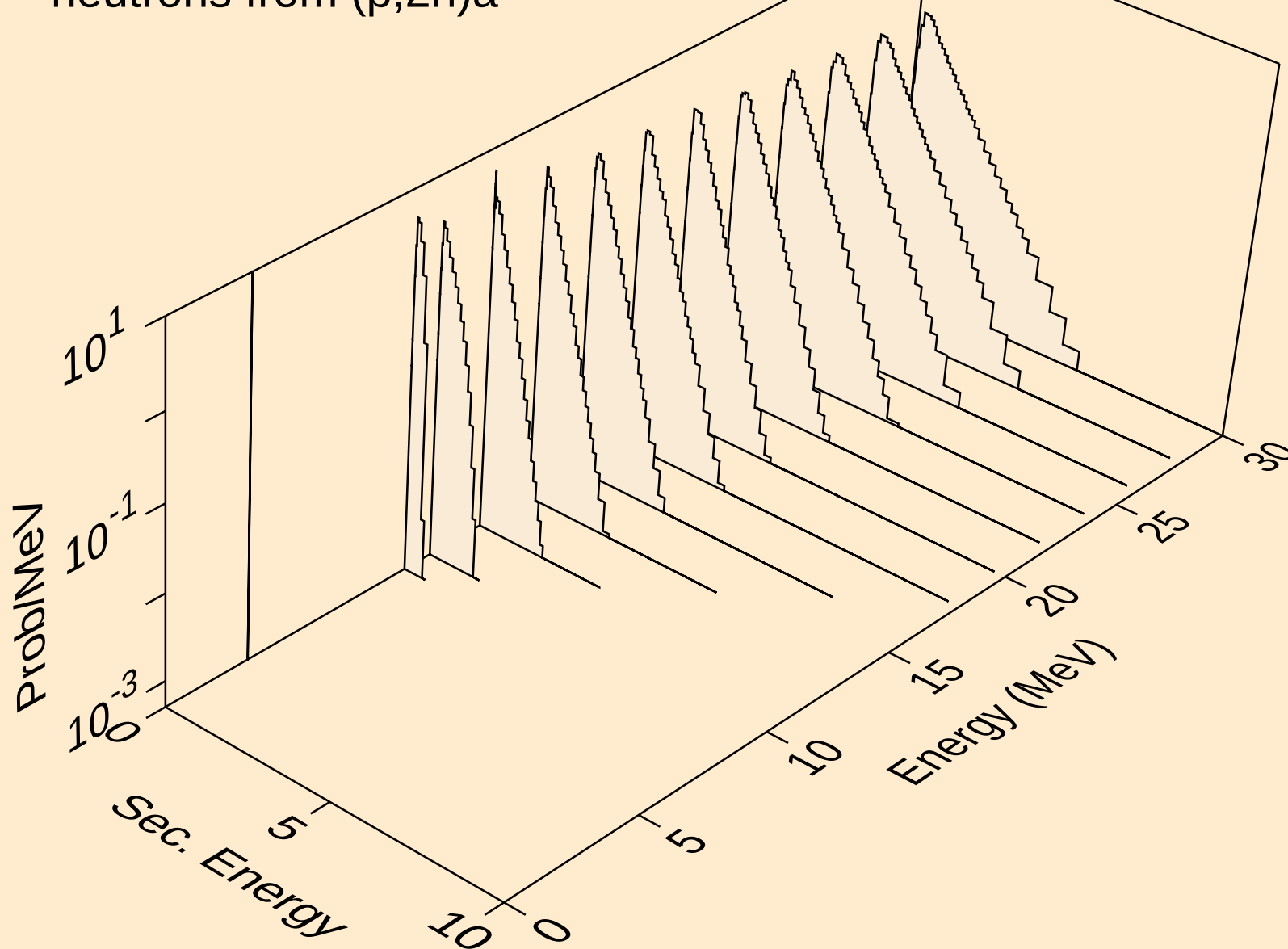
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



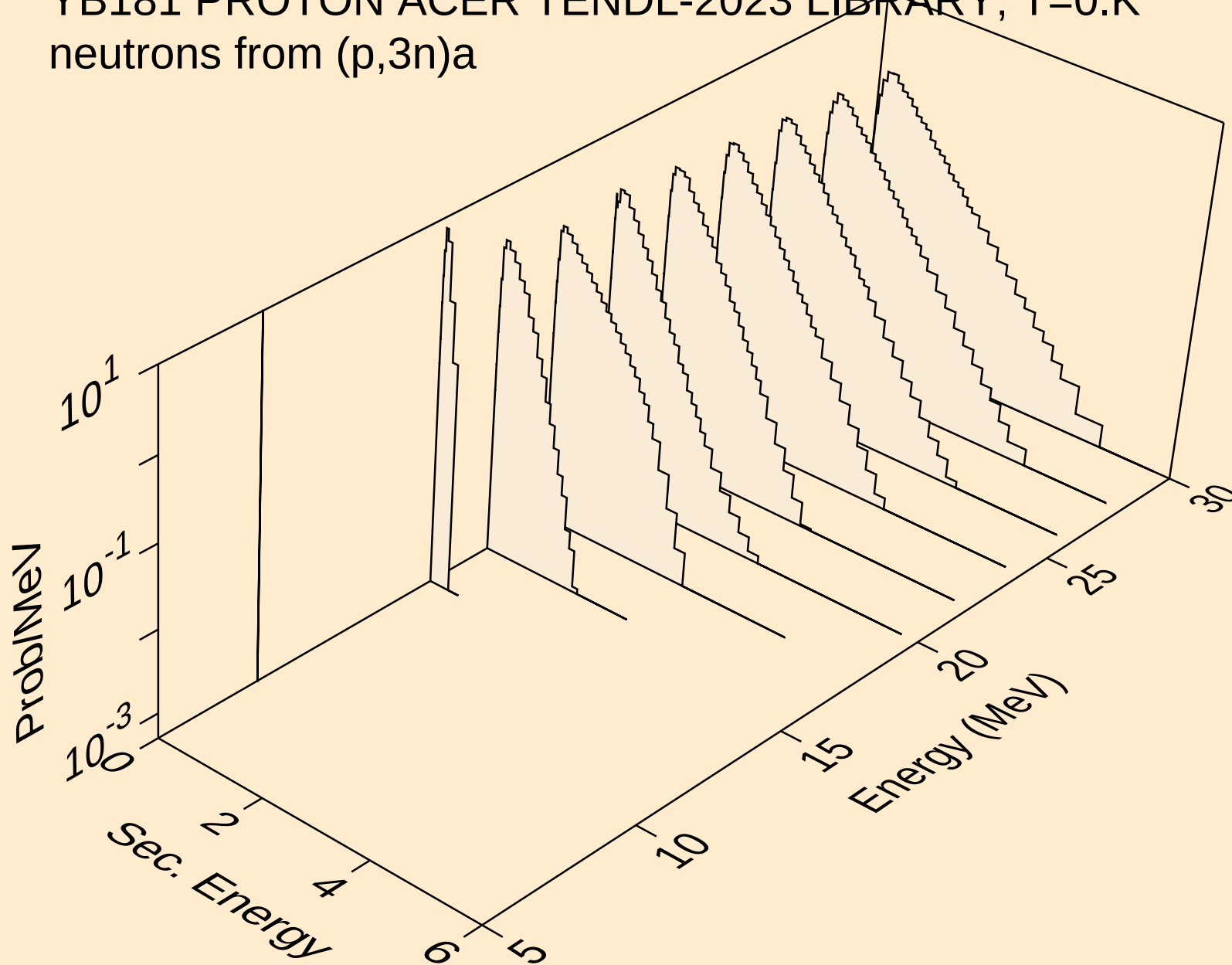
YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)a$



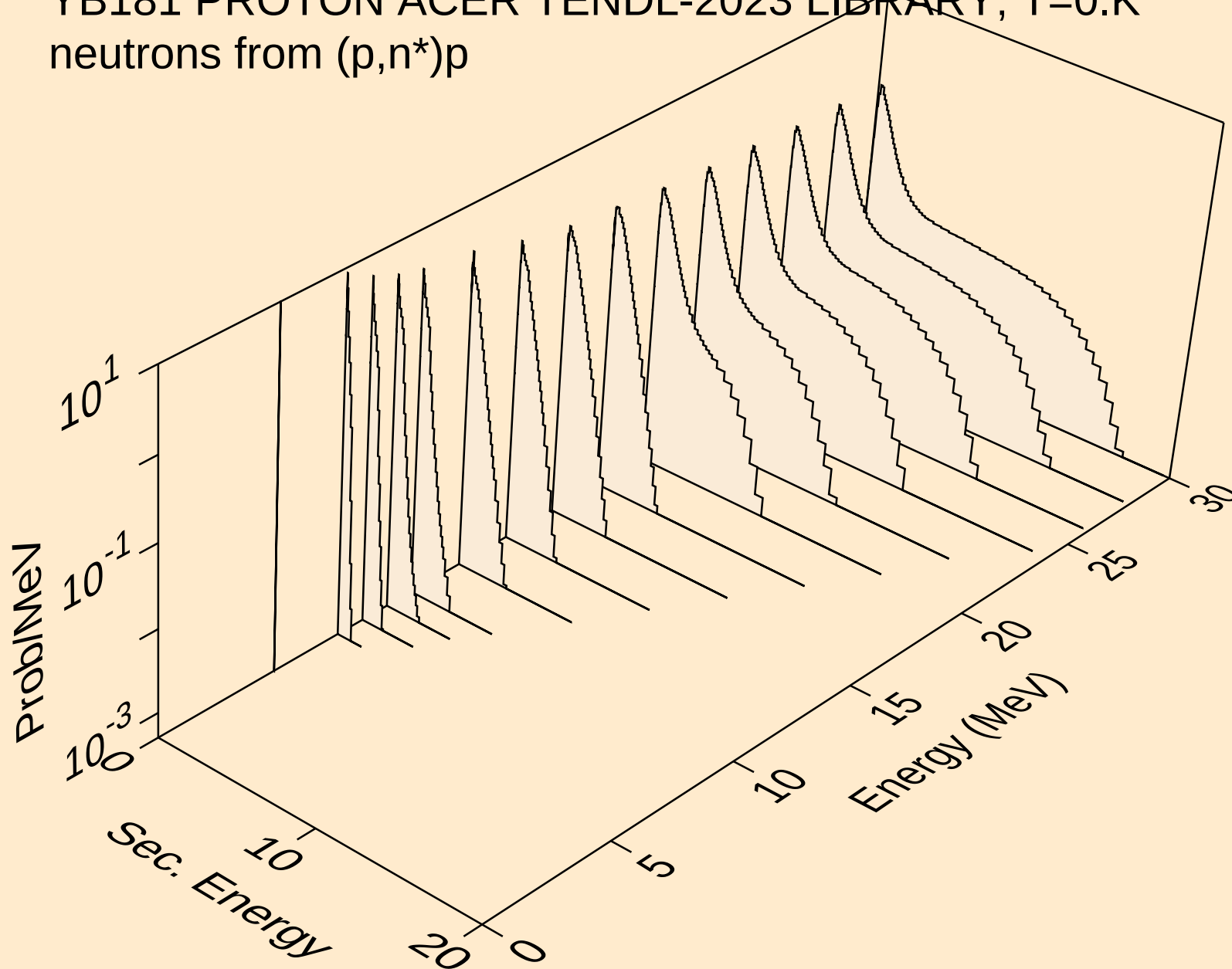
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neutrons from (p,2n)a



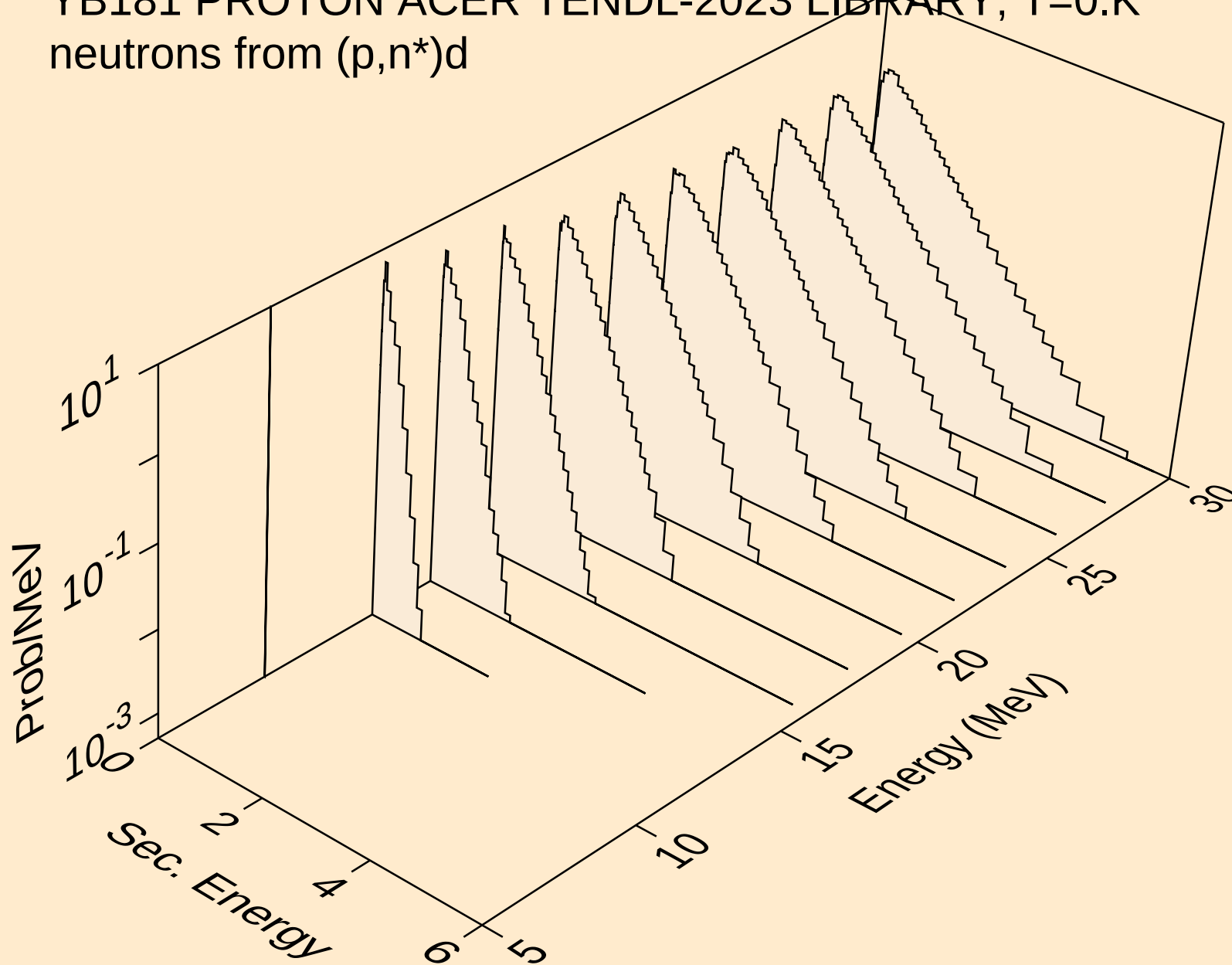
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neutrons from (p,3n)a



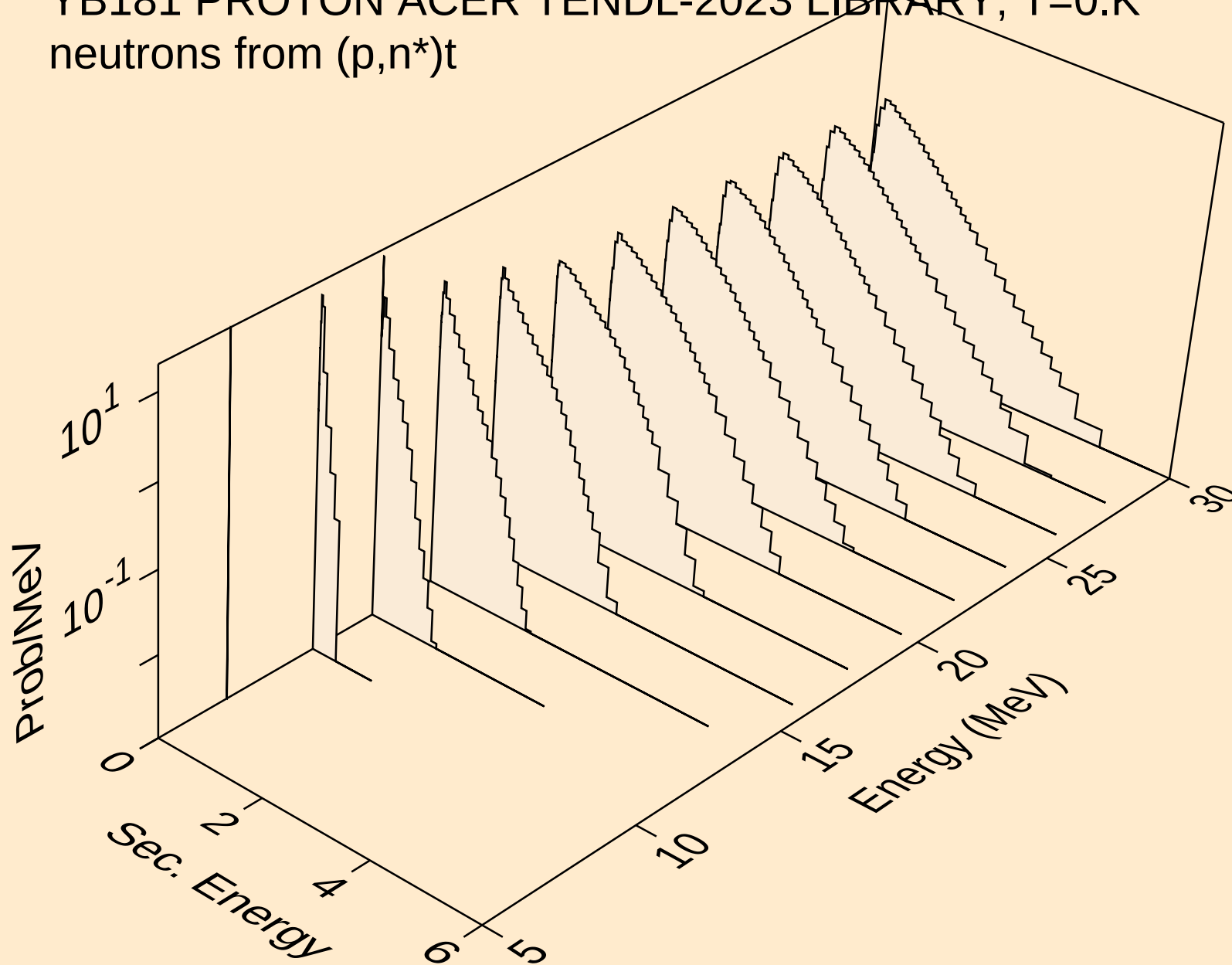
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neutrons from (p,n*)p



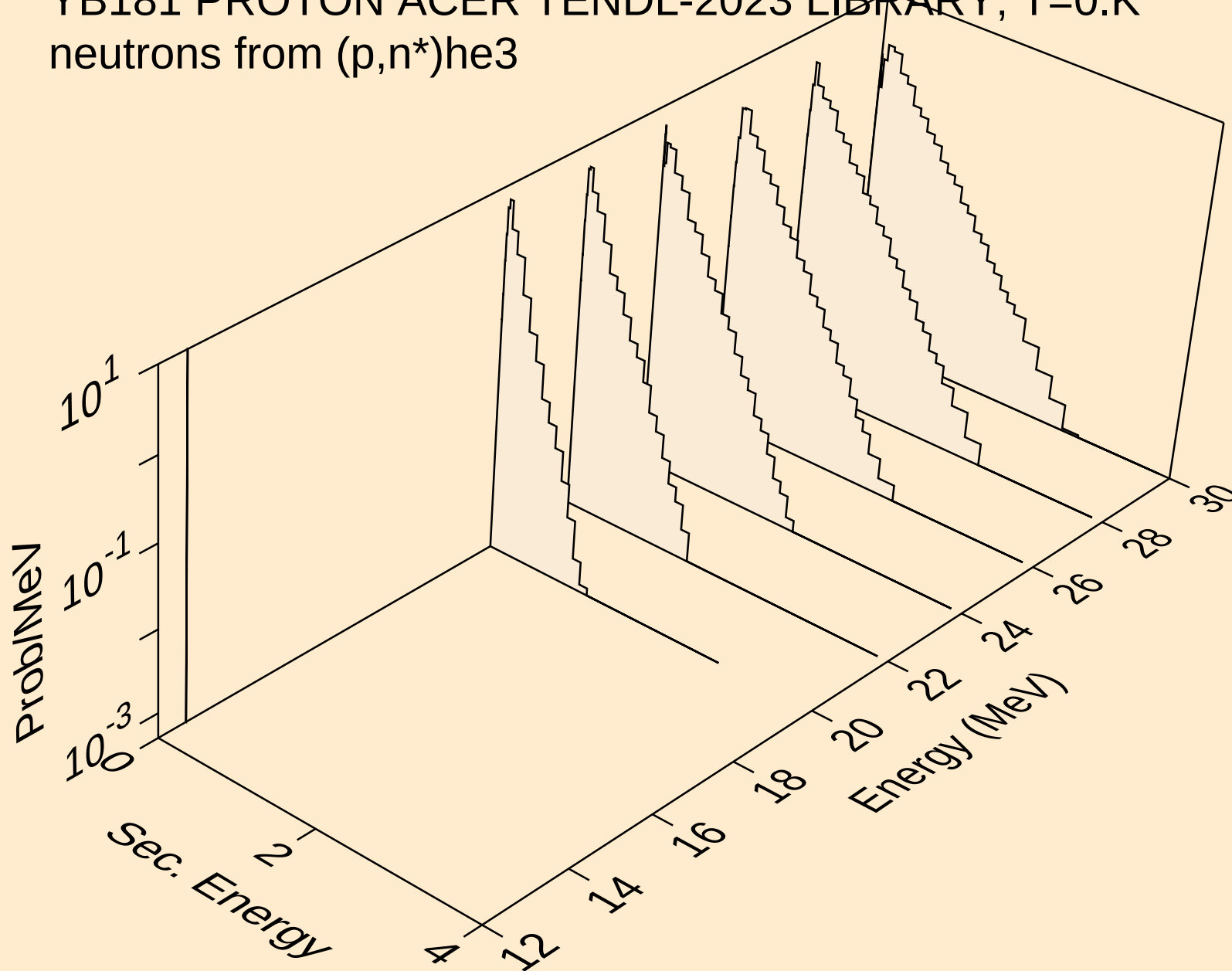
YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from $(p,n^*)d$



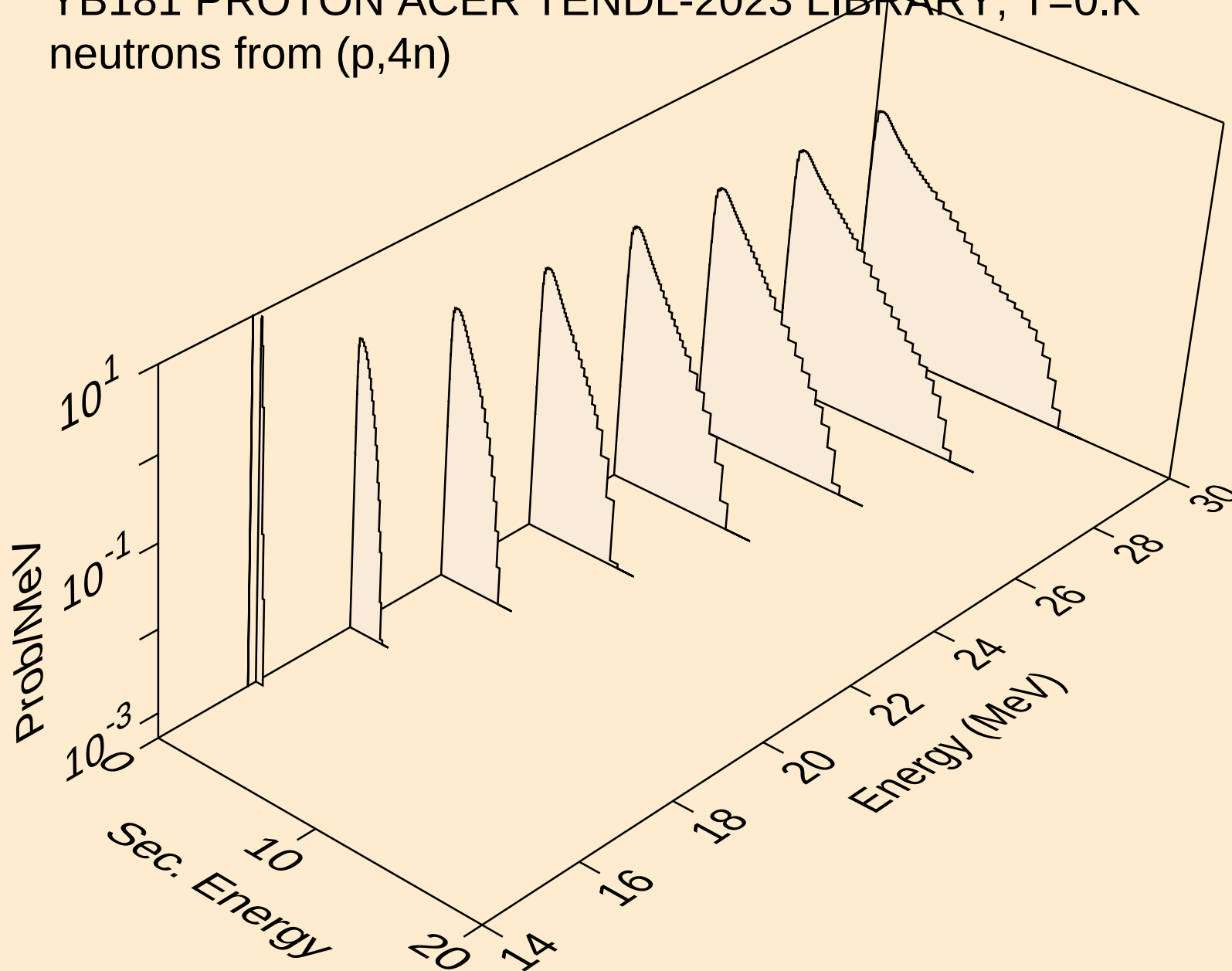
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t



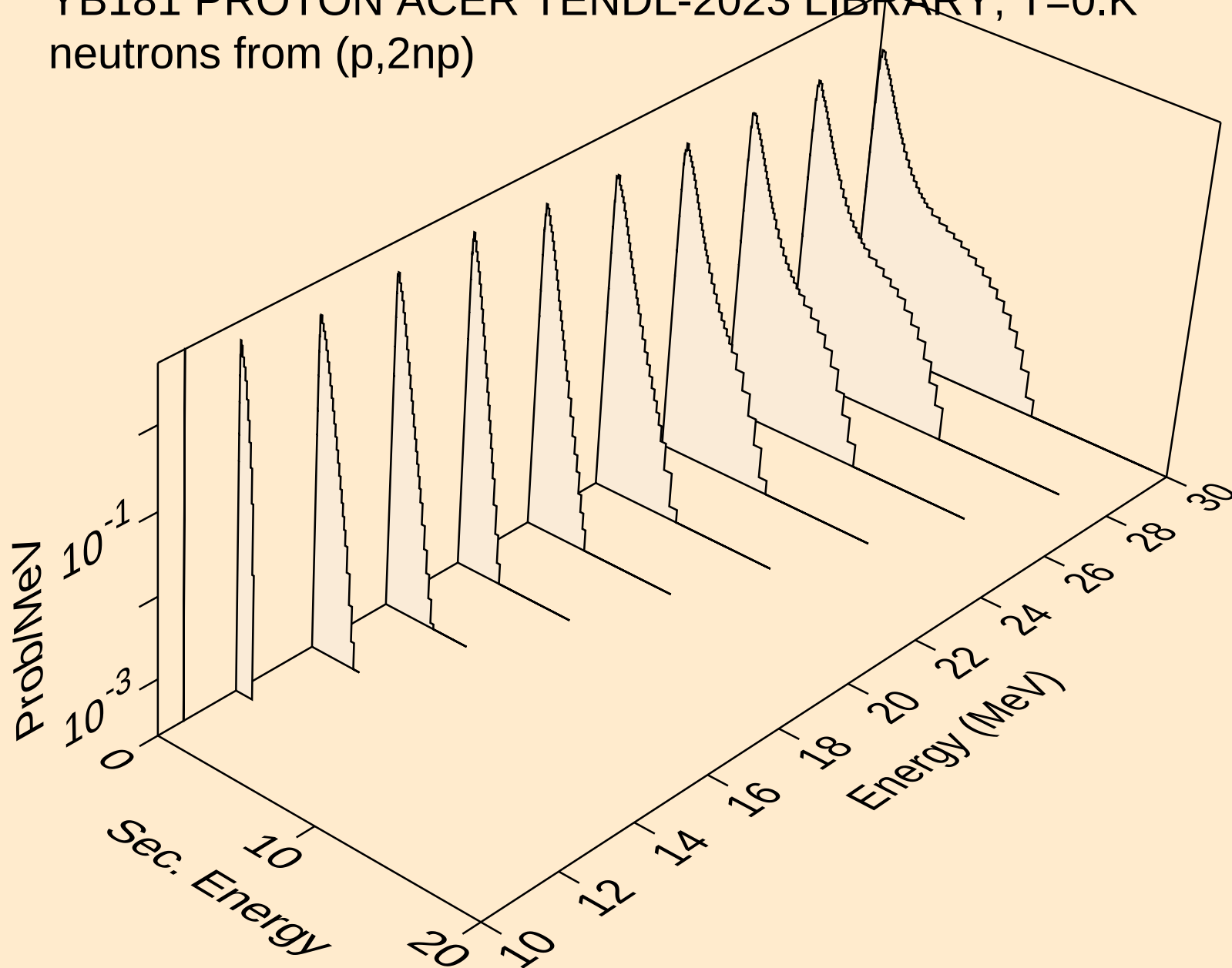
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



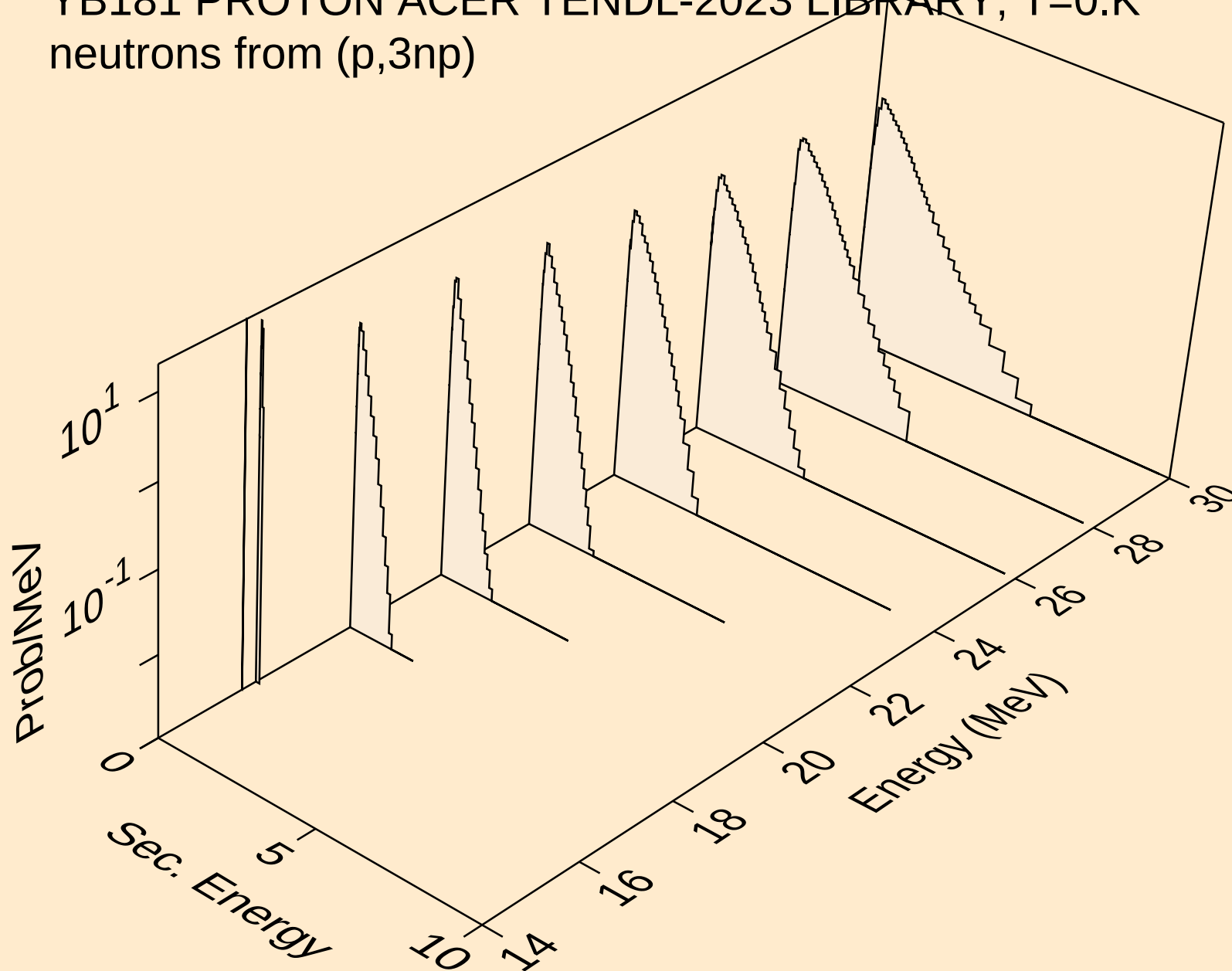
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,4n)



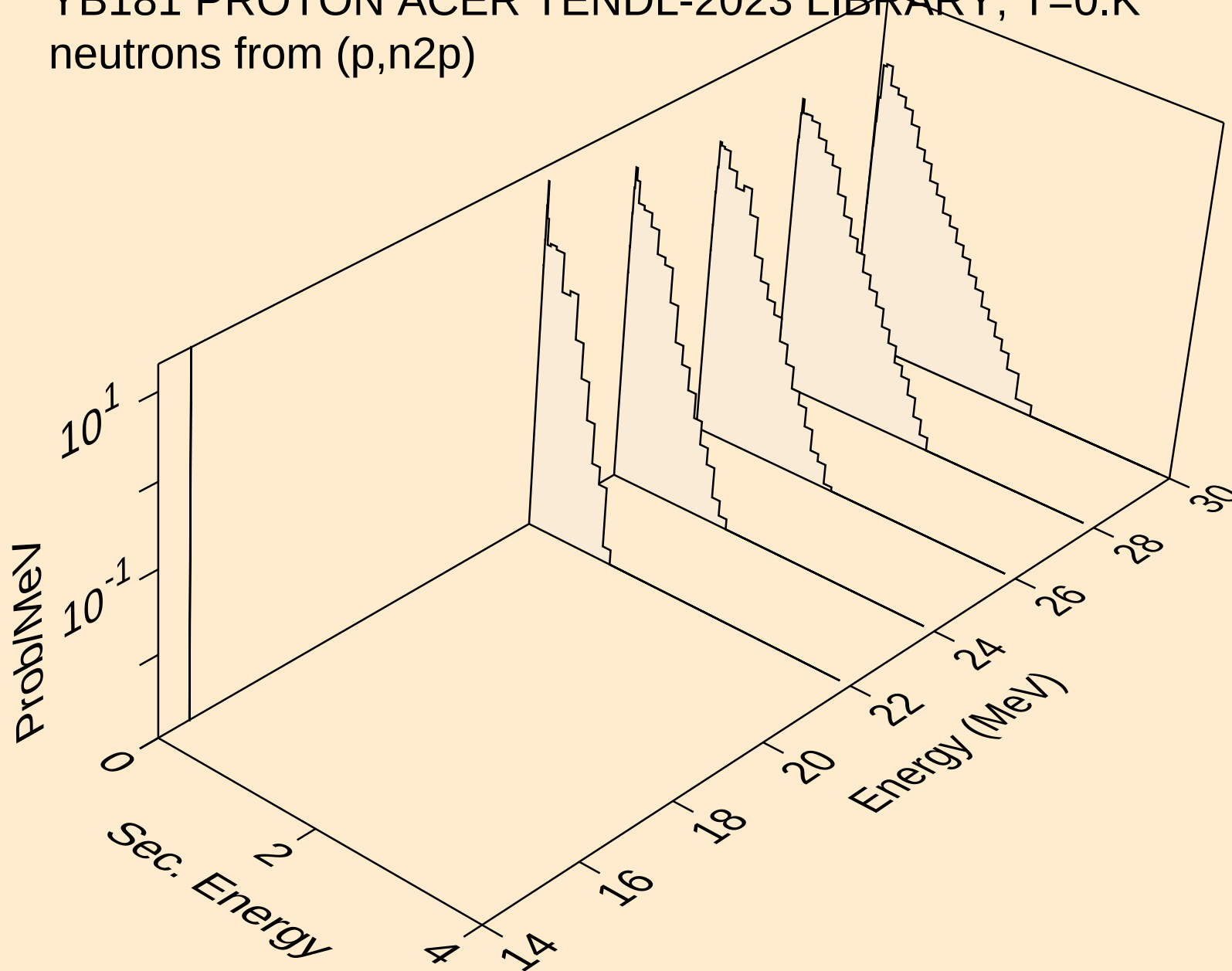
YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
neutrons from (p,2np)



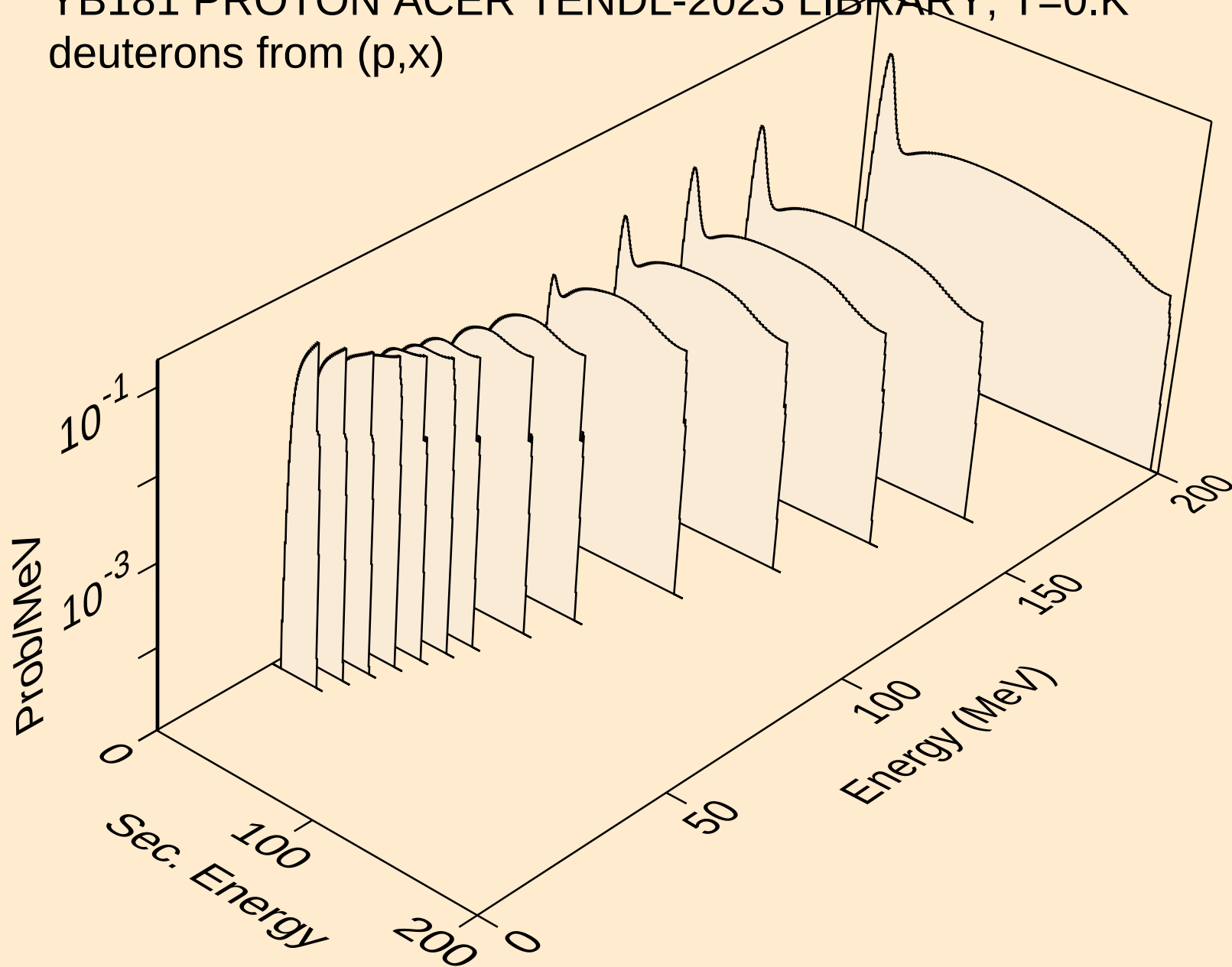
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neutrons from (p,3np)



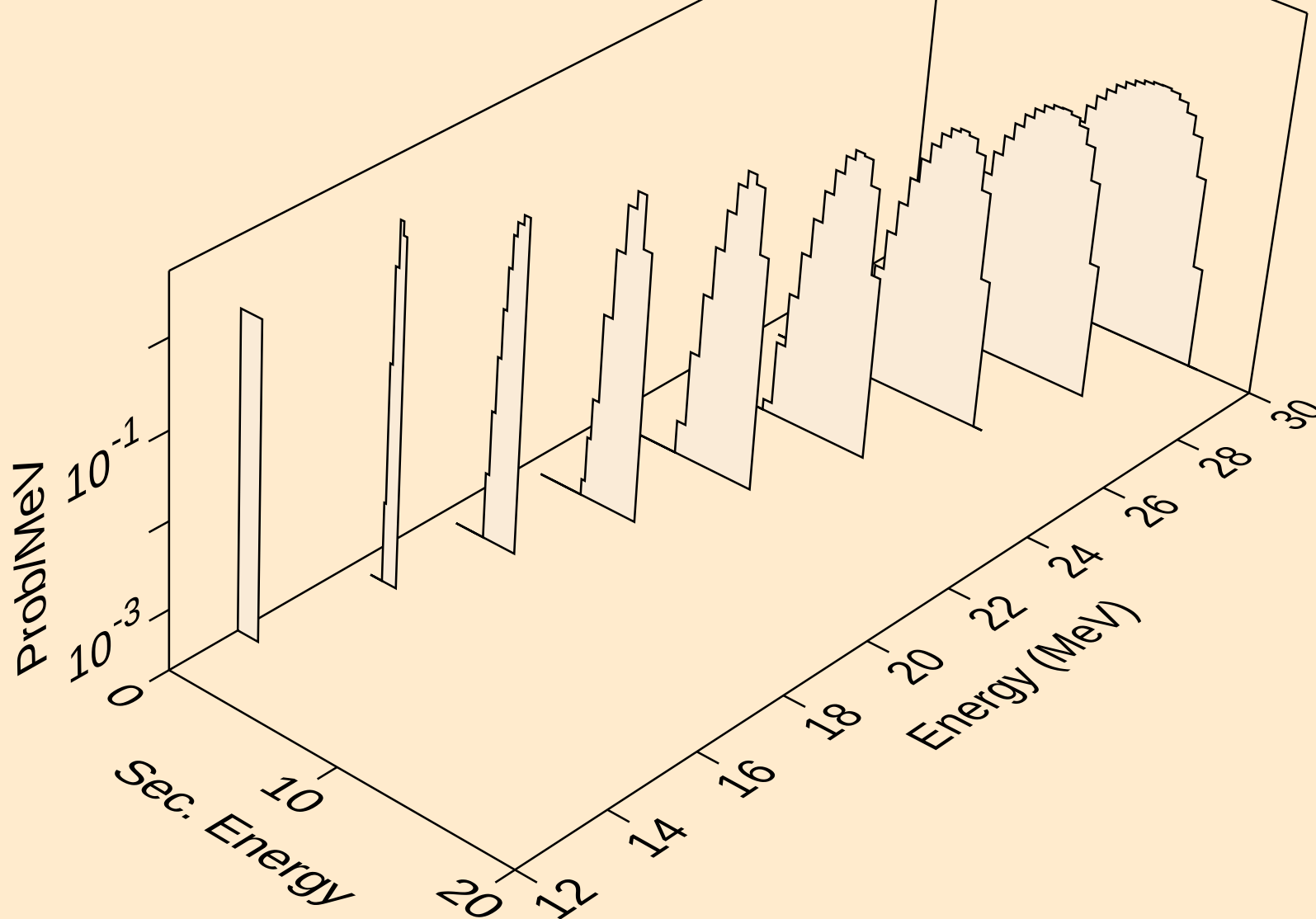
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neutrons from (p,n2p)



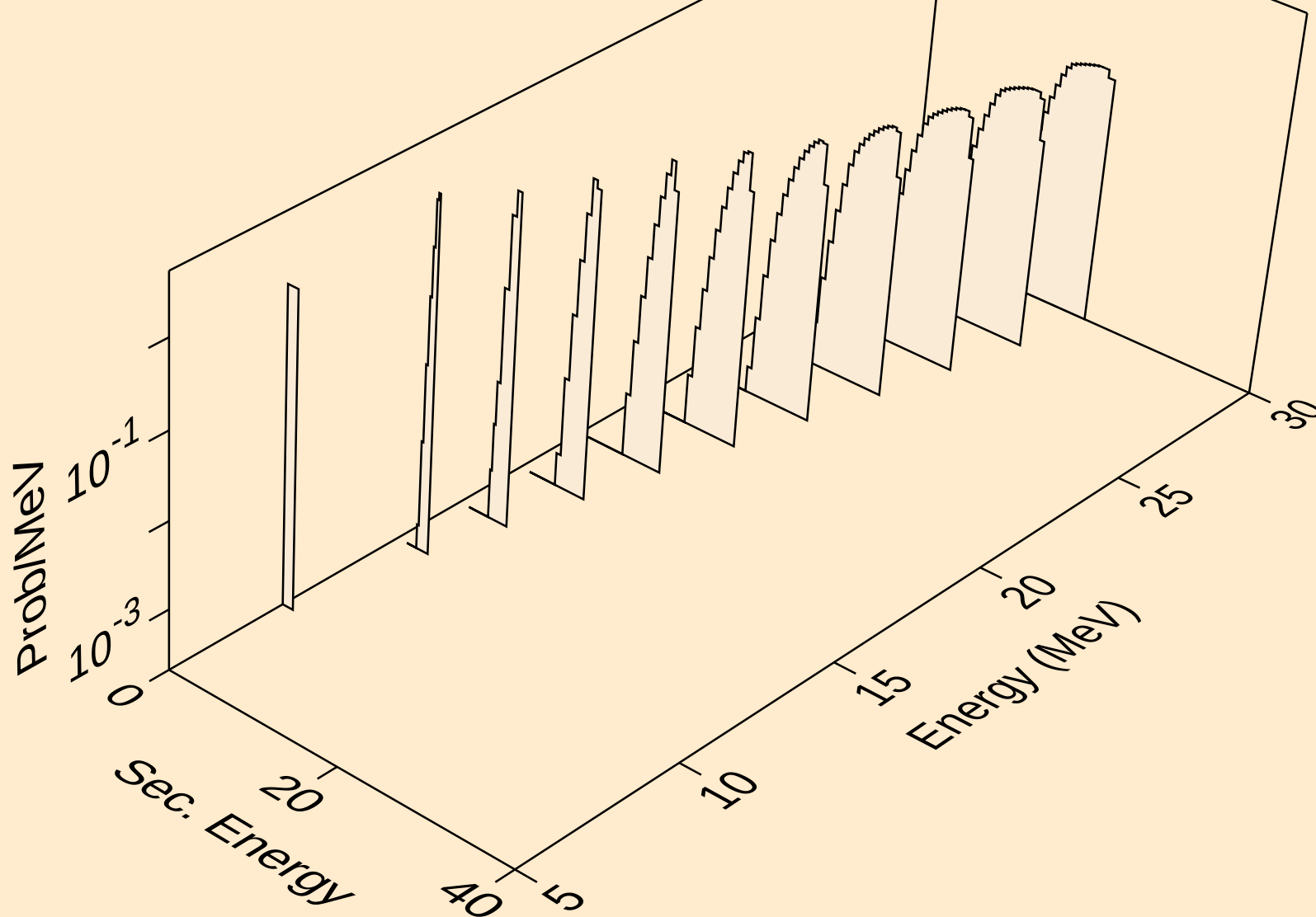
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deuterons from (p,x)



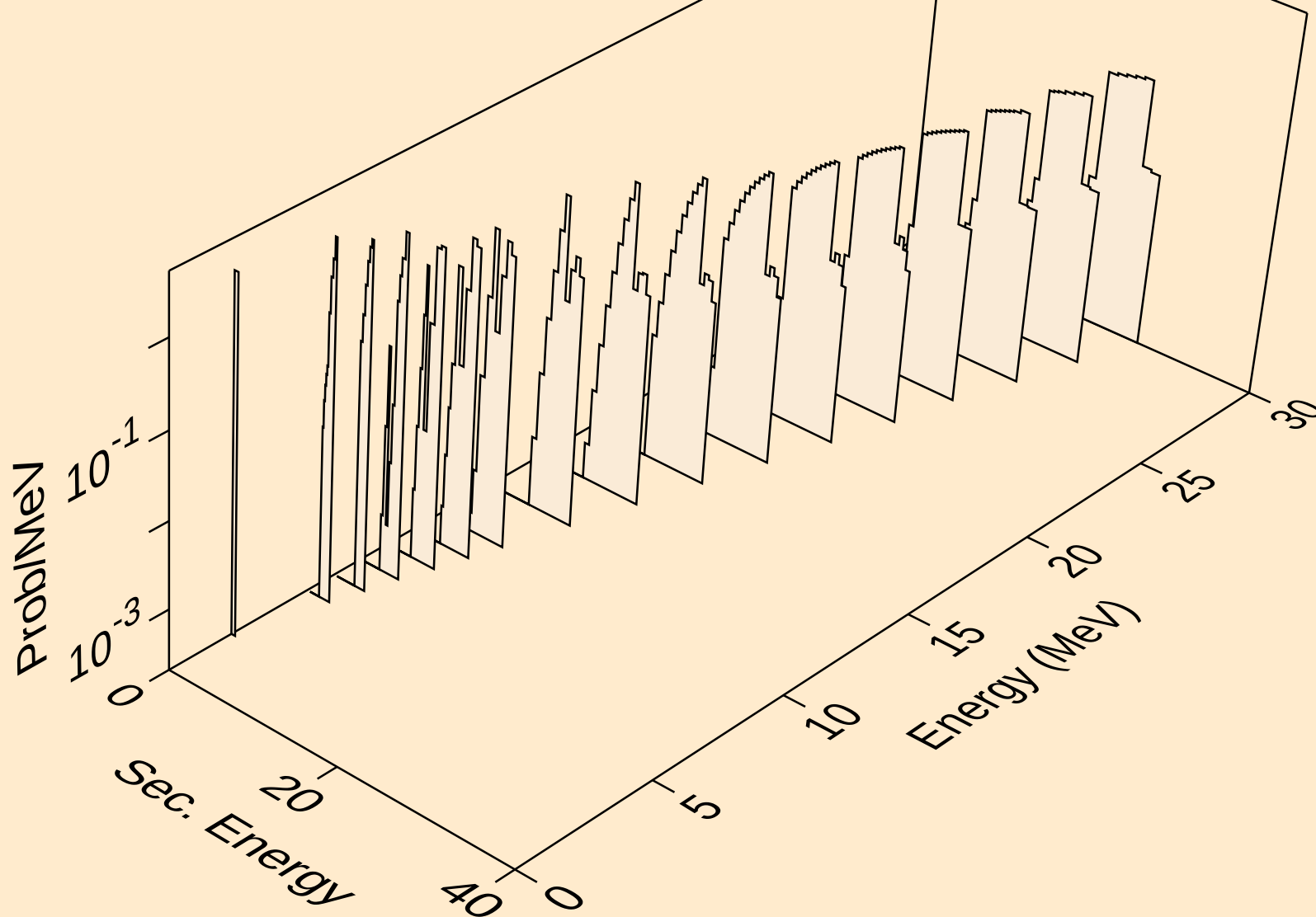
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,2nd)



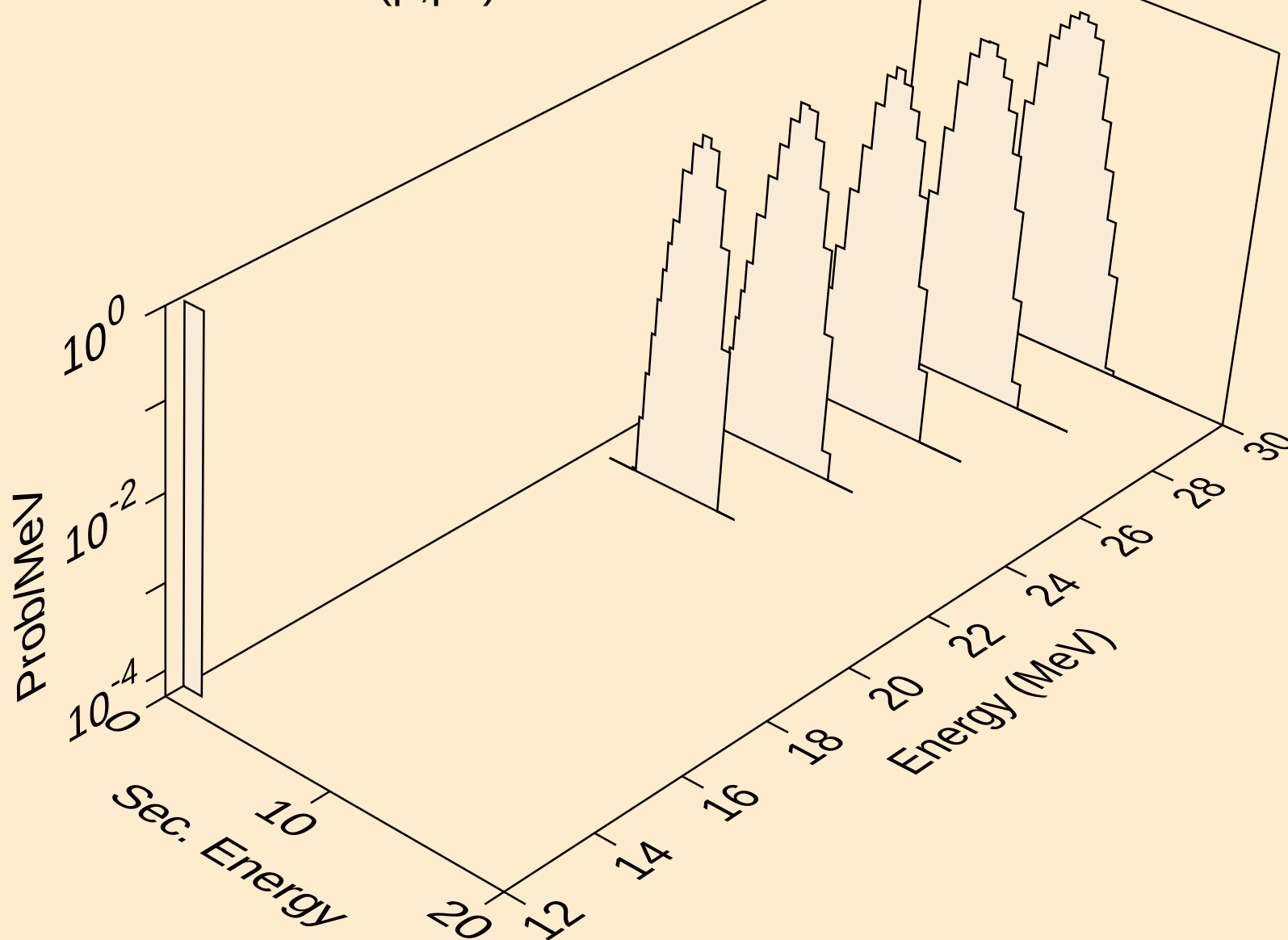
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deuterons from (p,n*)d



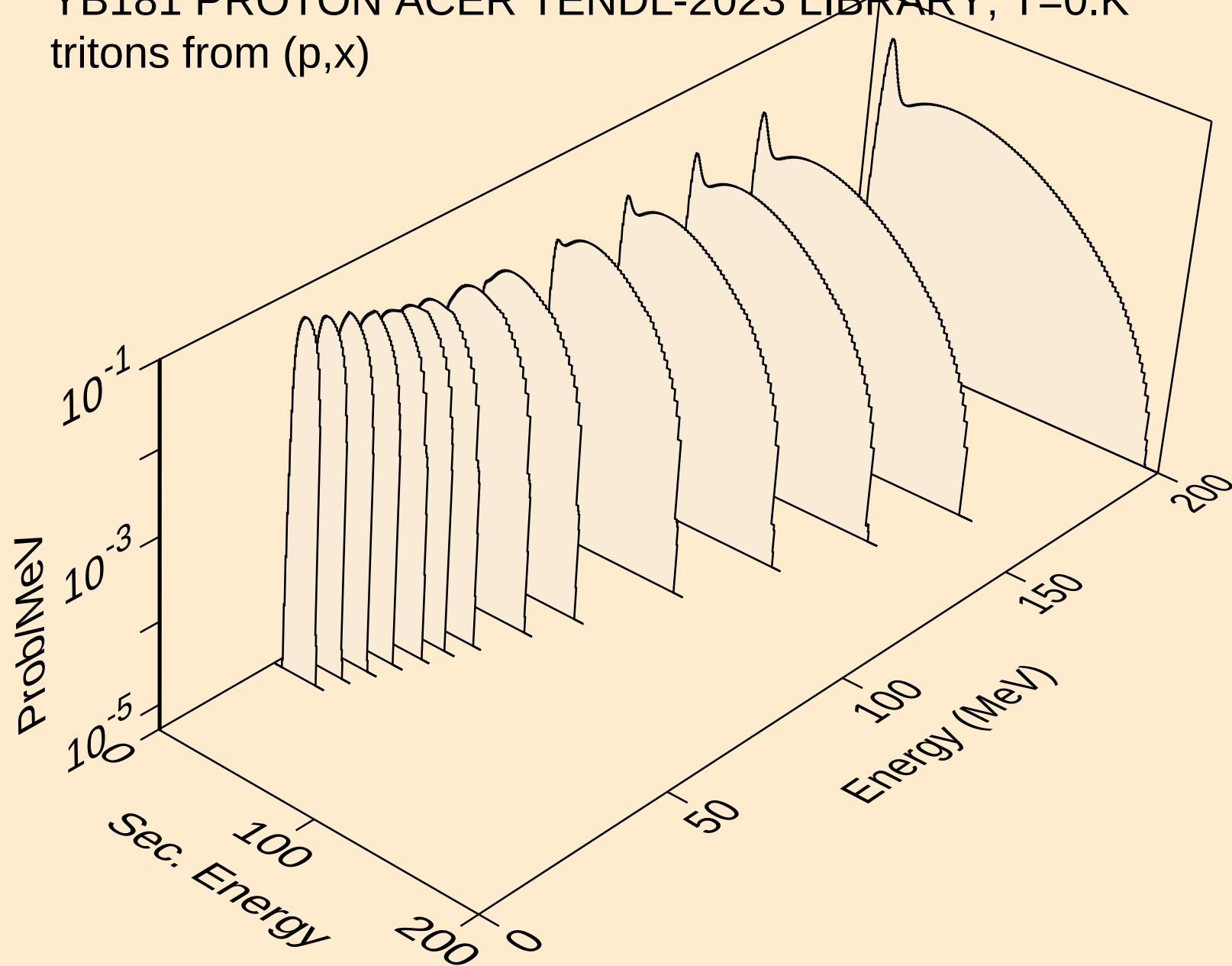
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deuterons from (p,d)



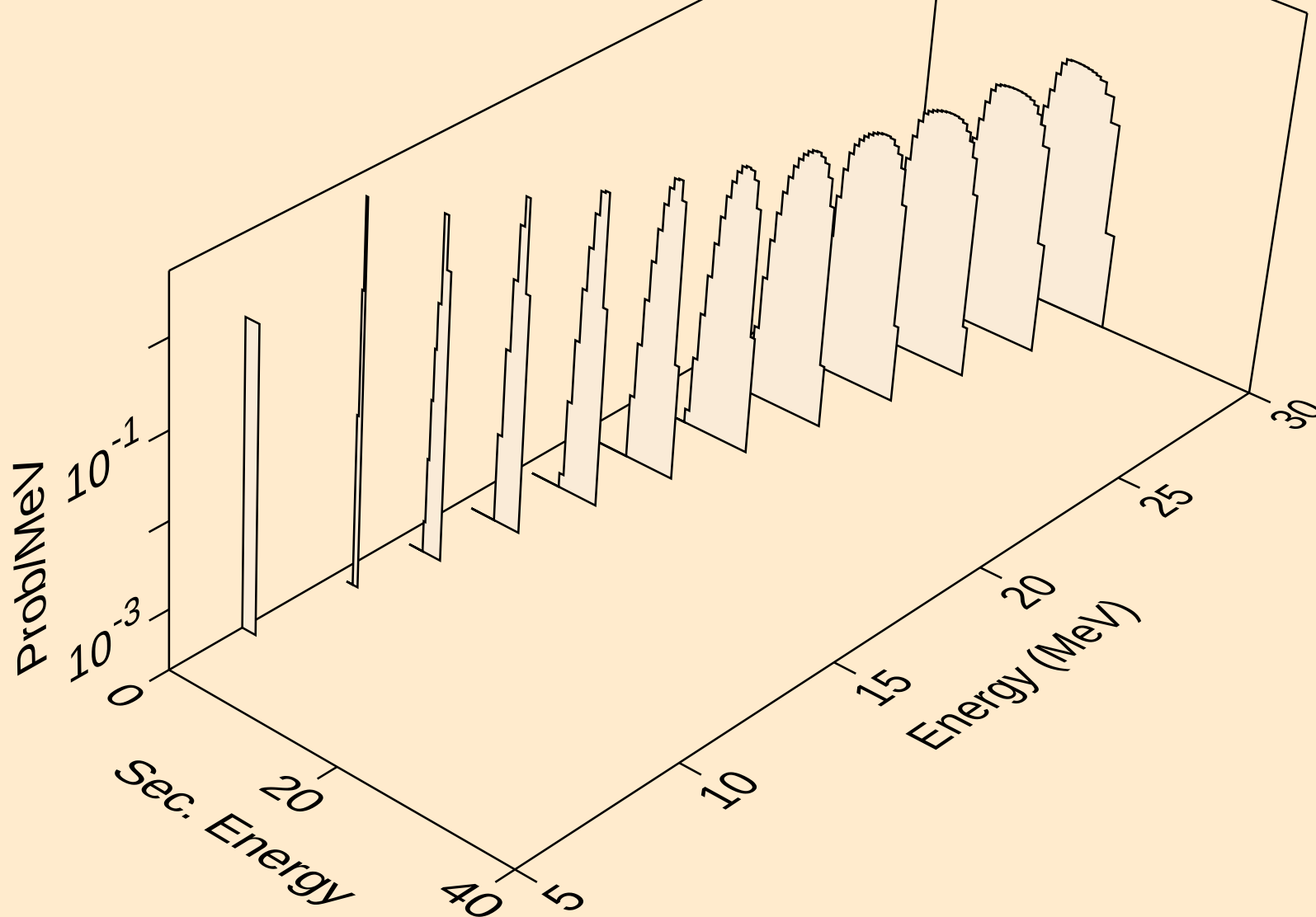
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,pd)



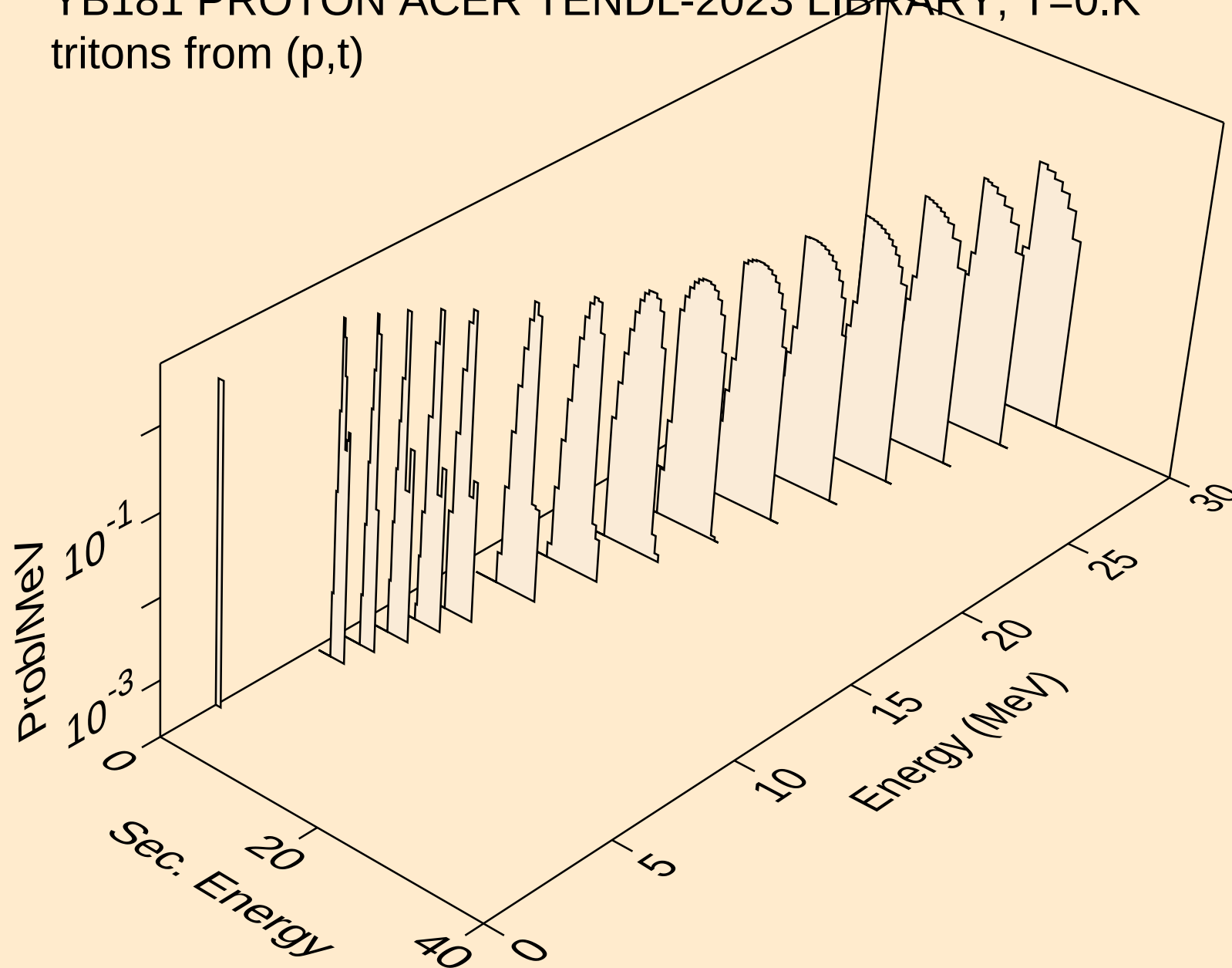
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



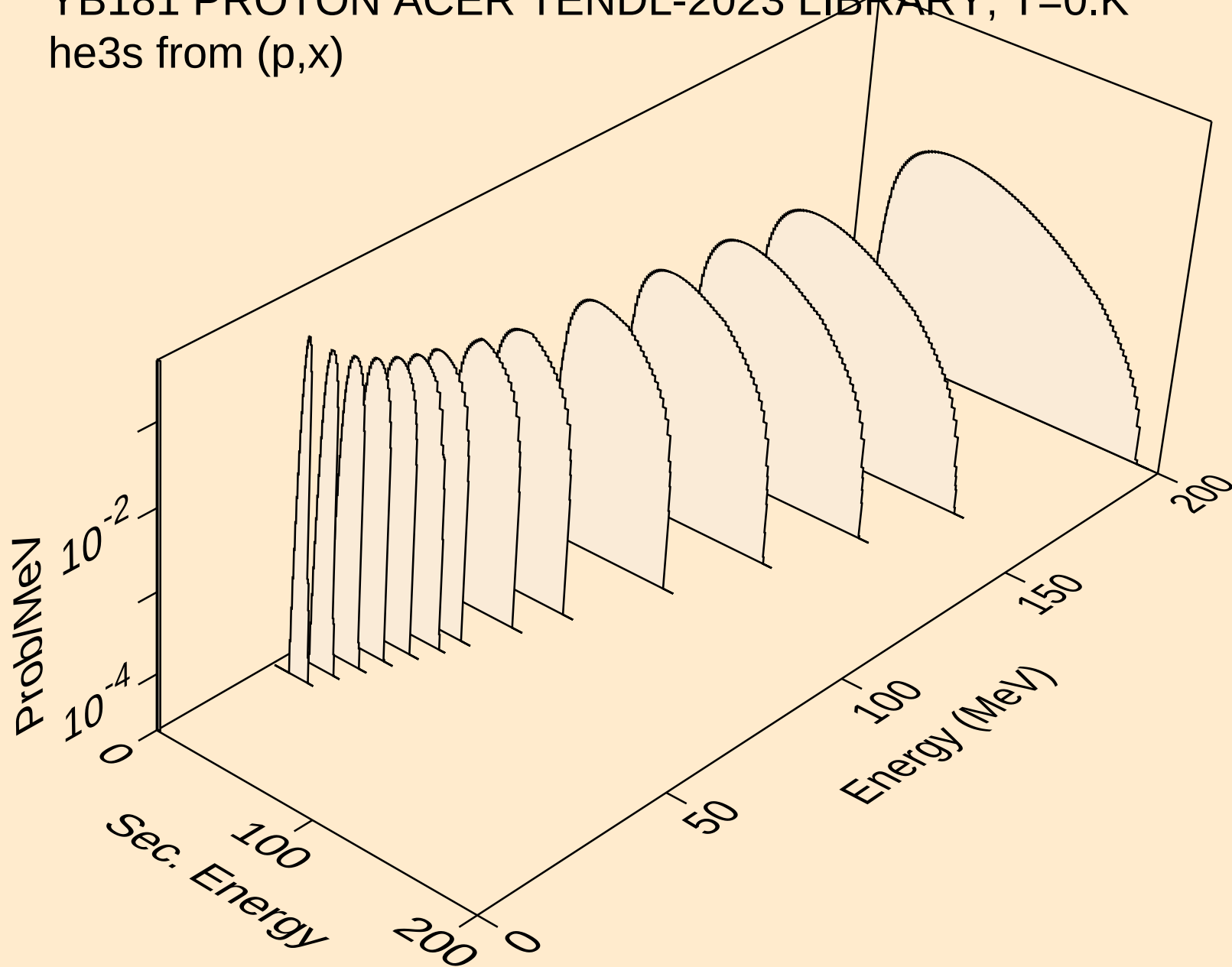
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t



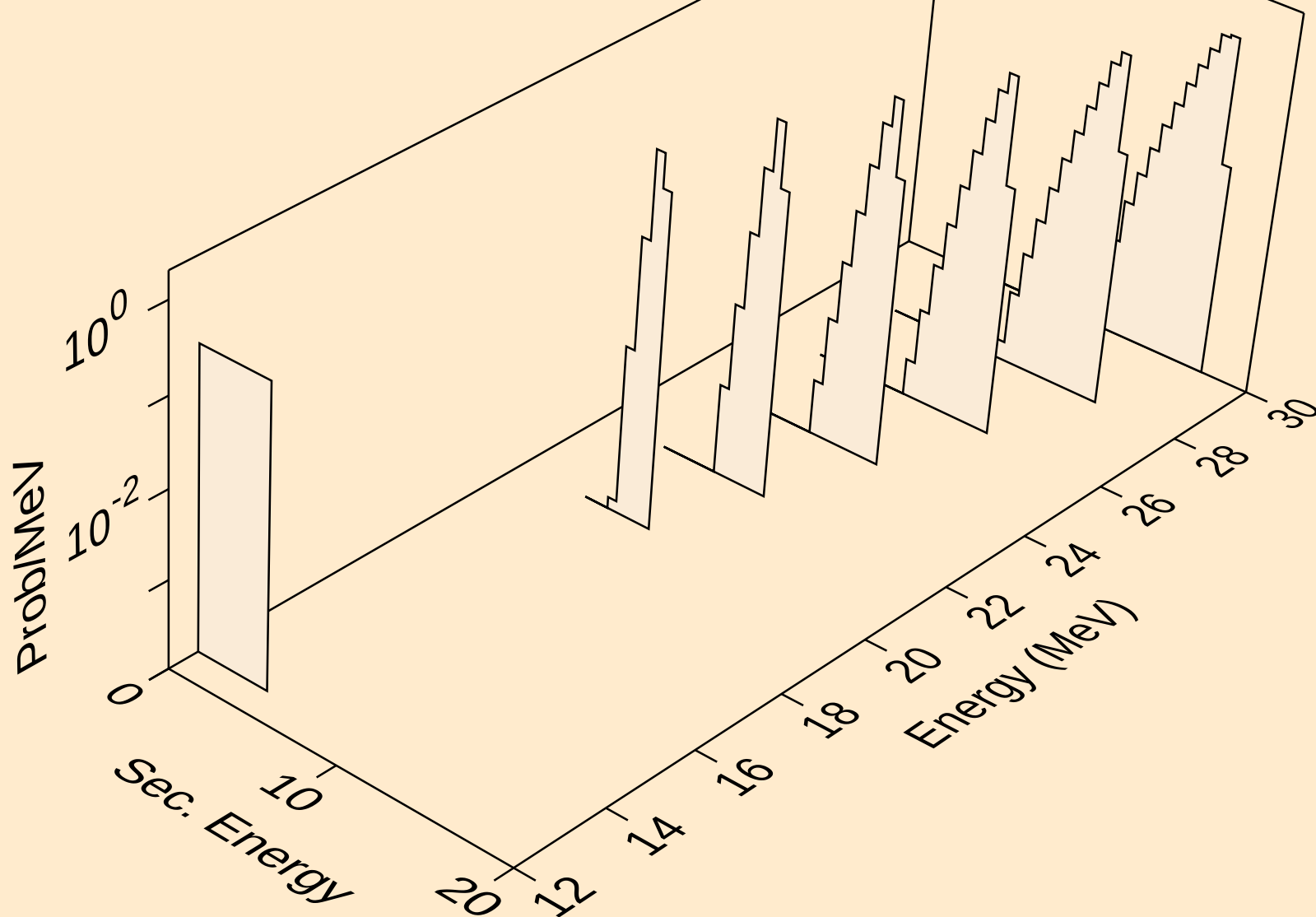
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



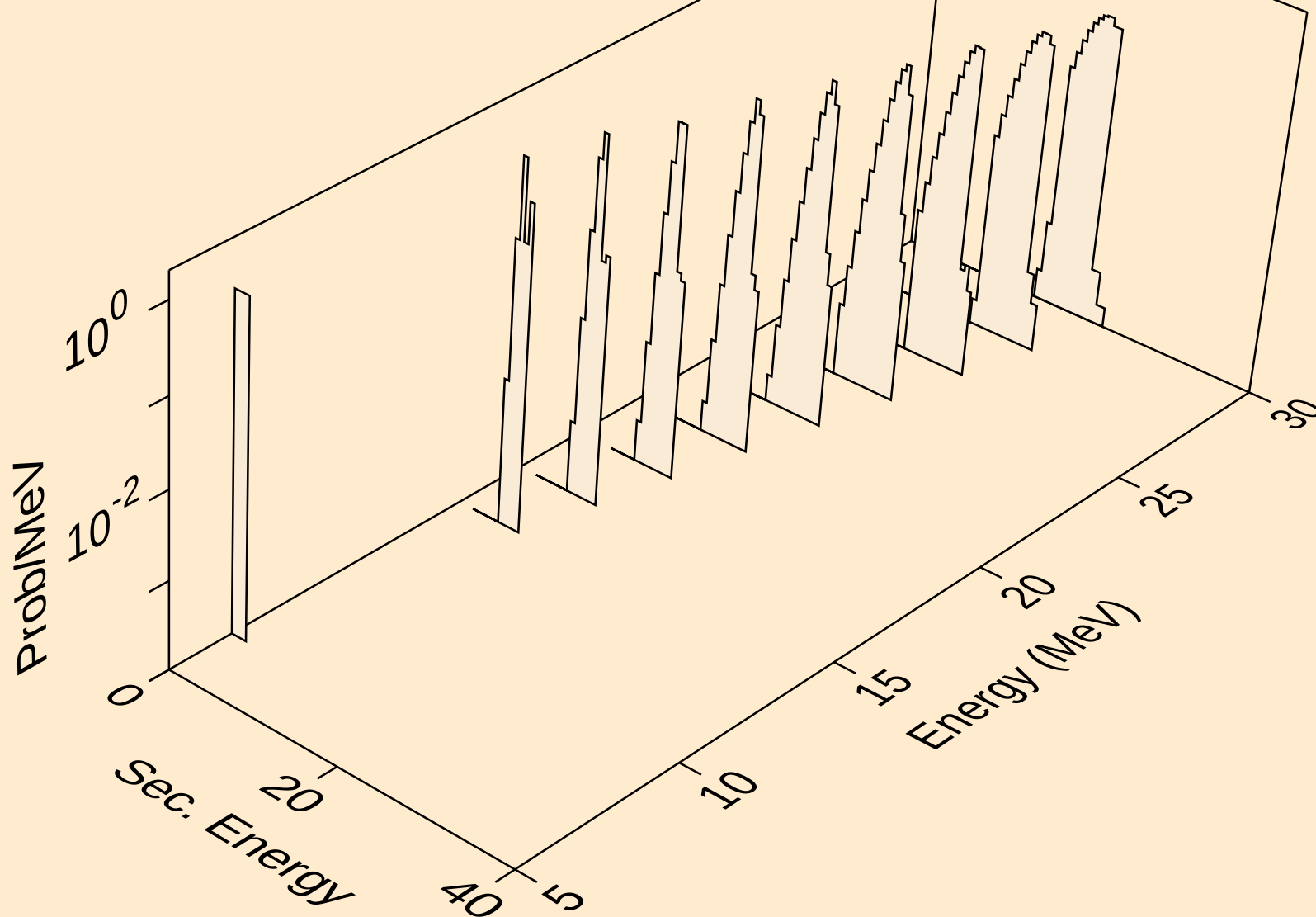
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



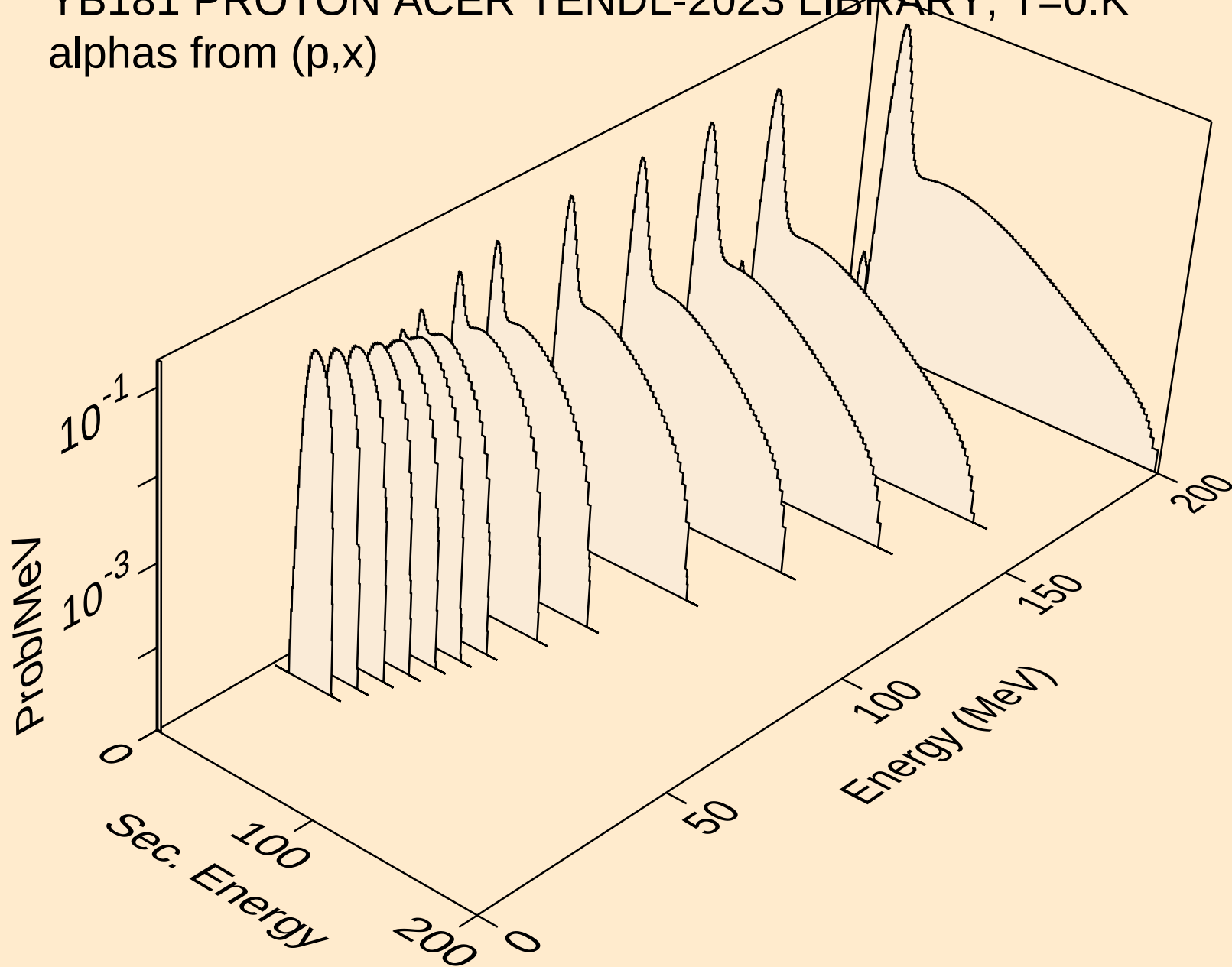
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



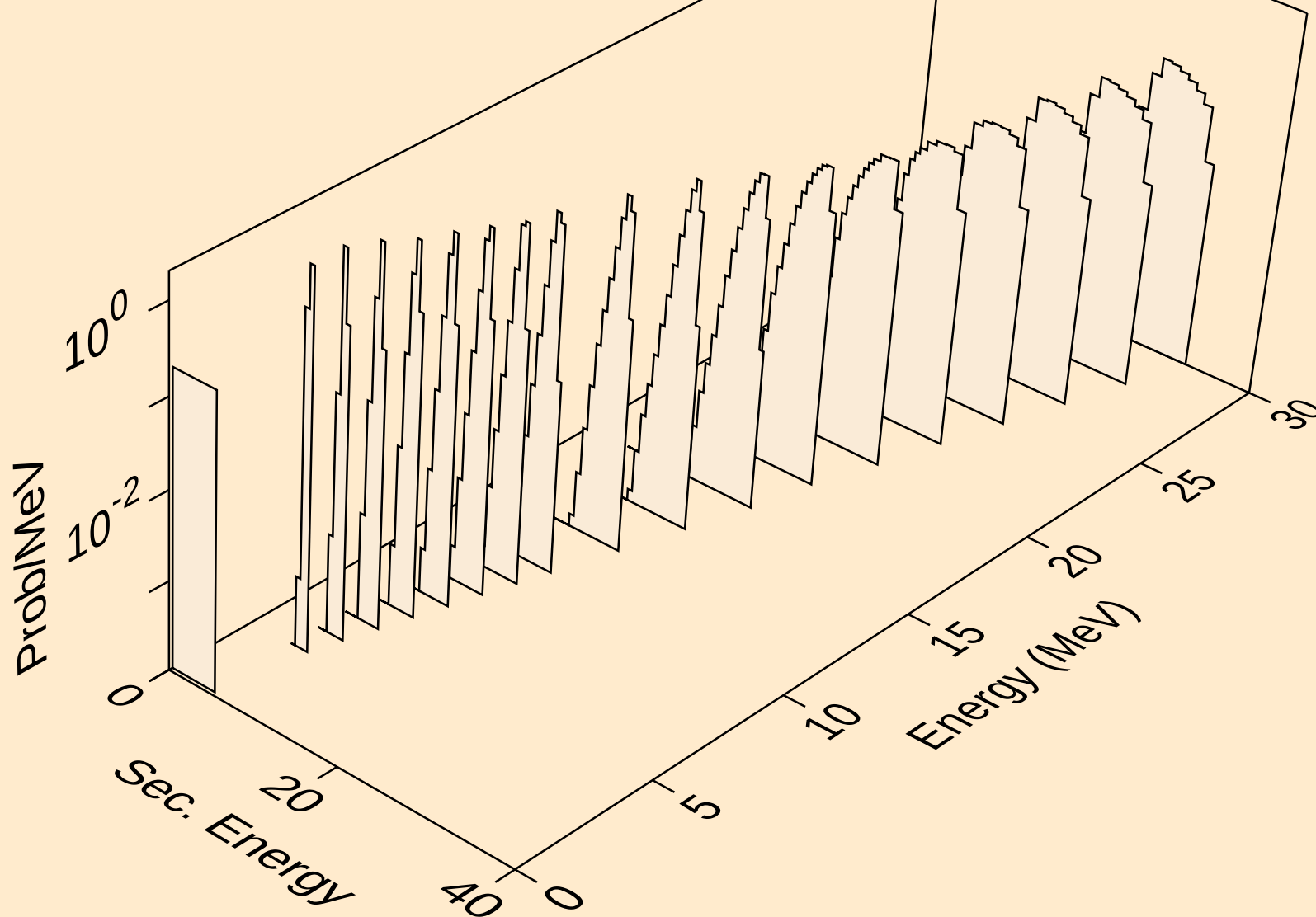
YB181 PROTON ACER TENDL-2023 LIBRARY; $T=0.K$
he3s from (p,he3)



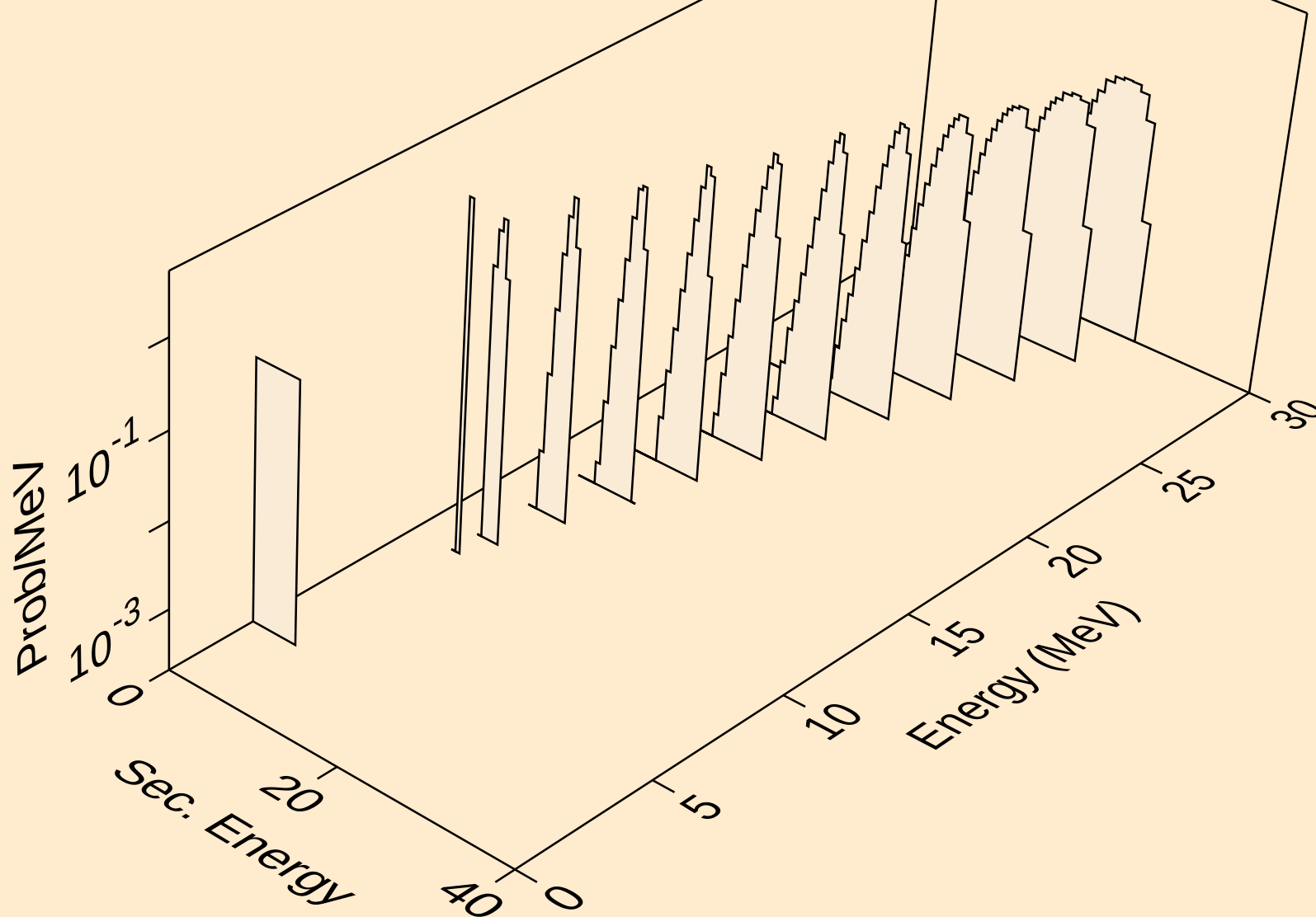
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



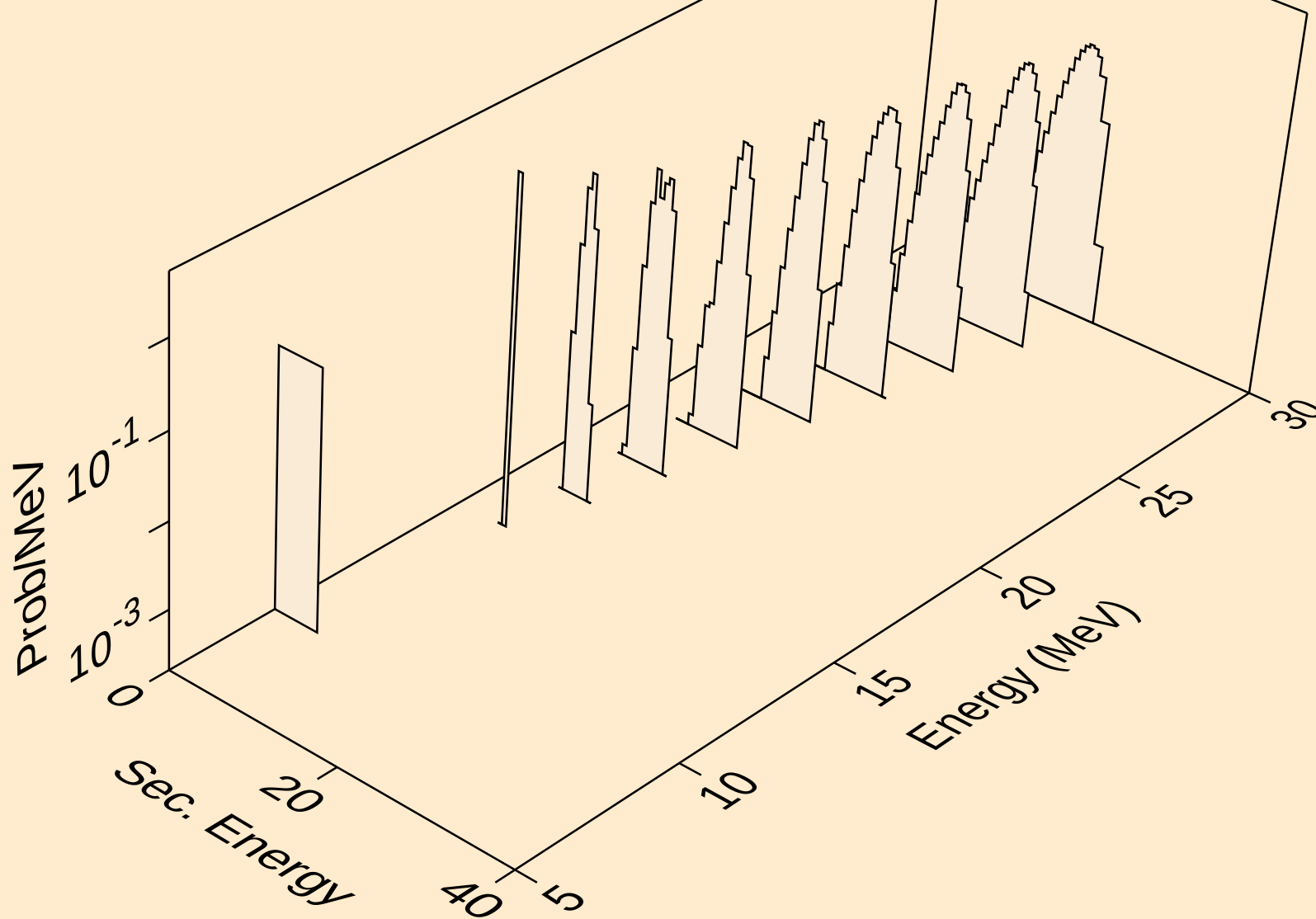
YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



YB181 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)

