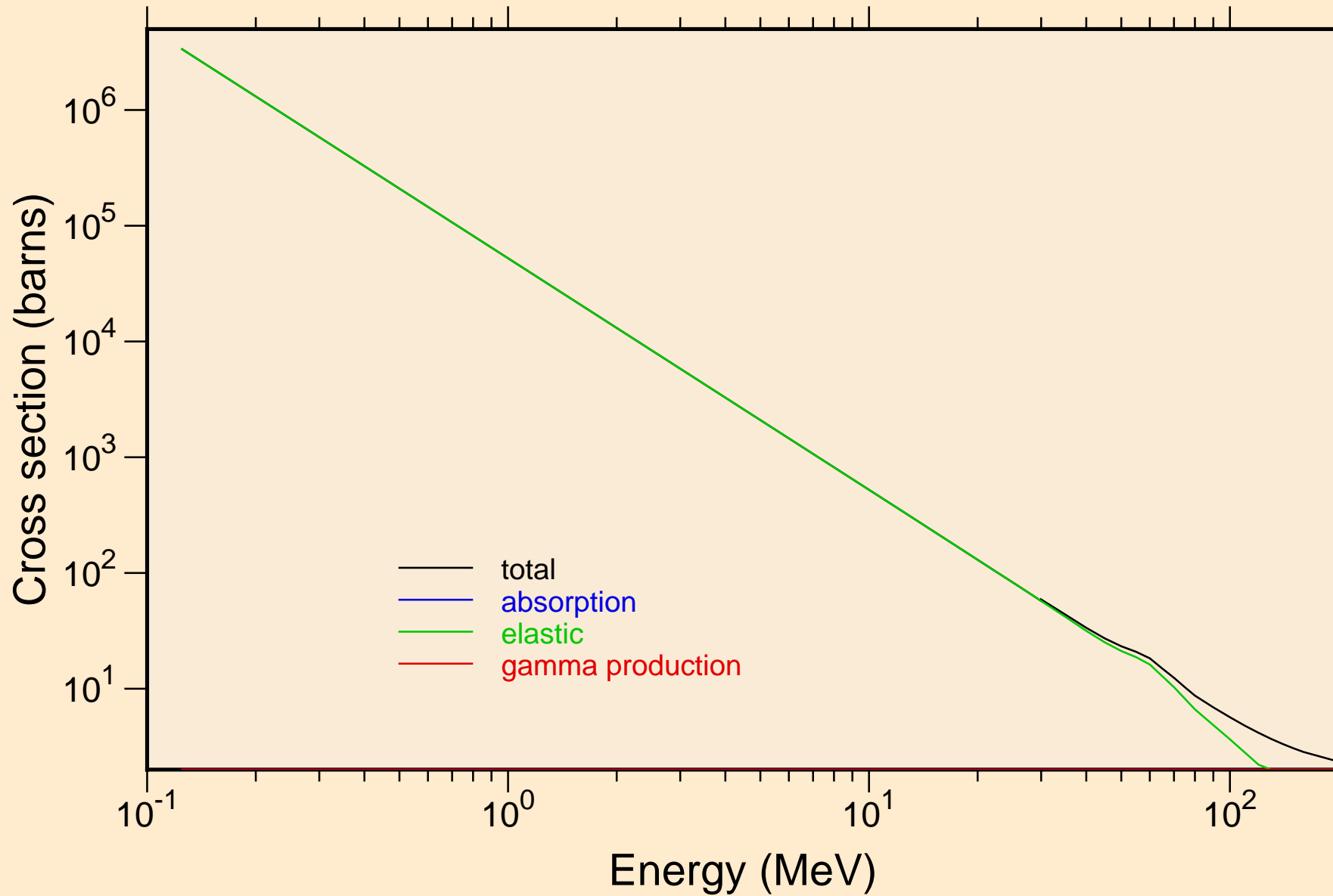
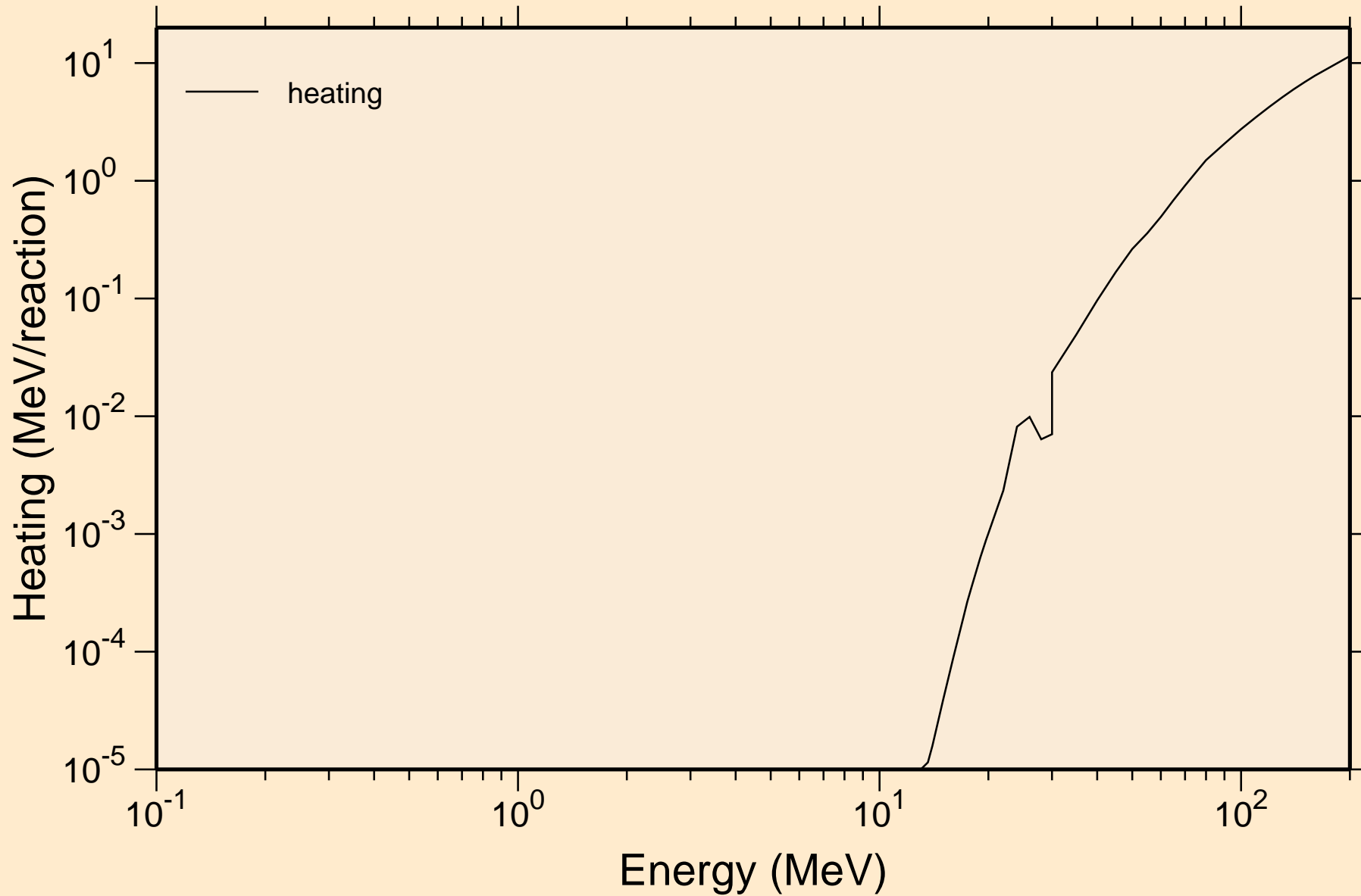


U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections

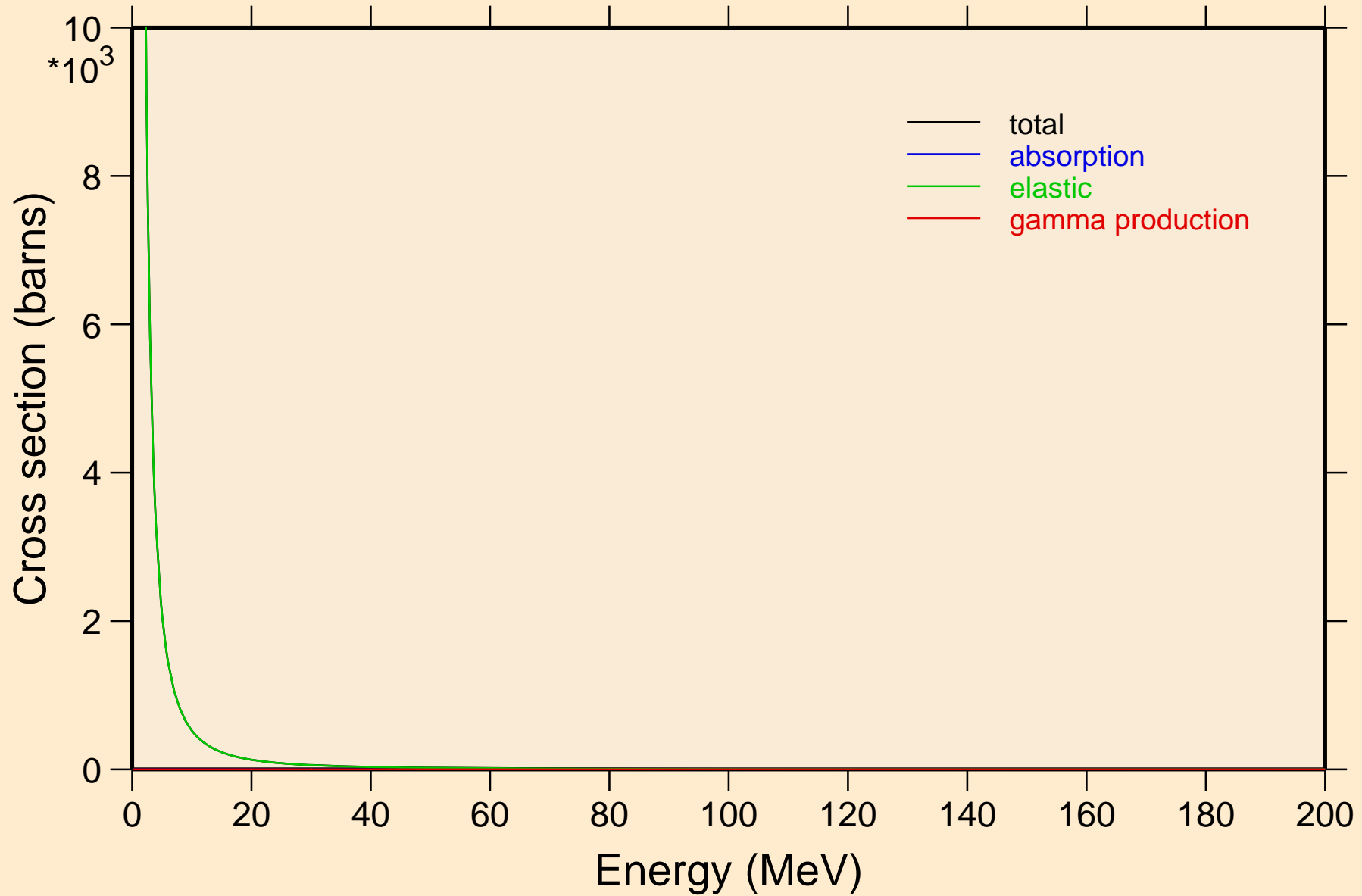


U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Heating



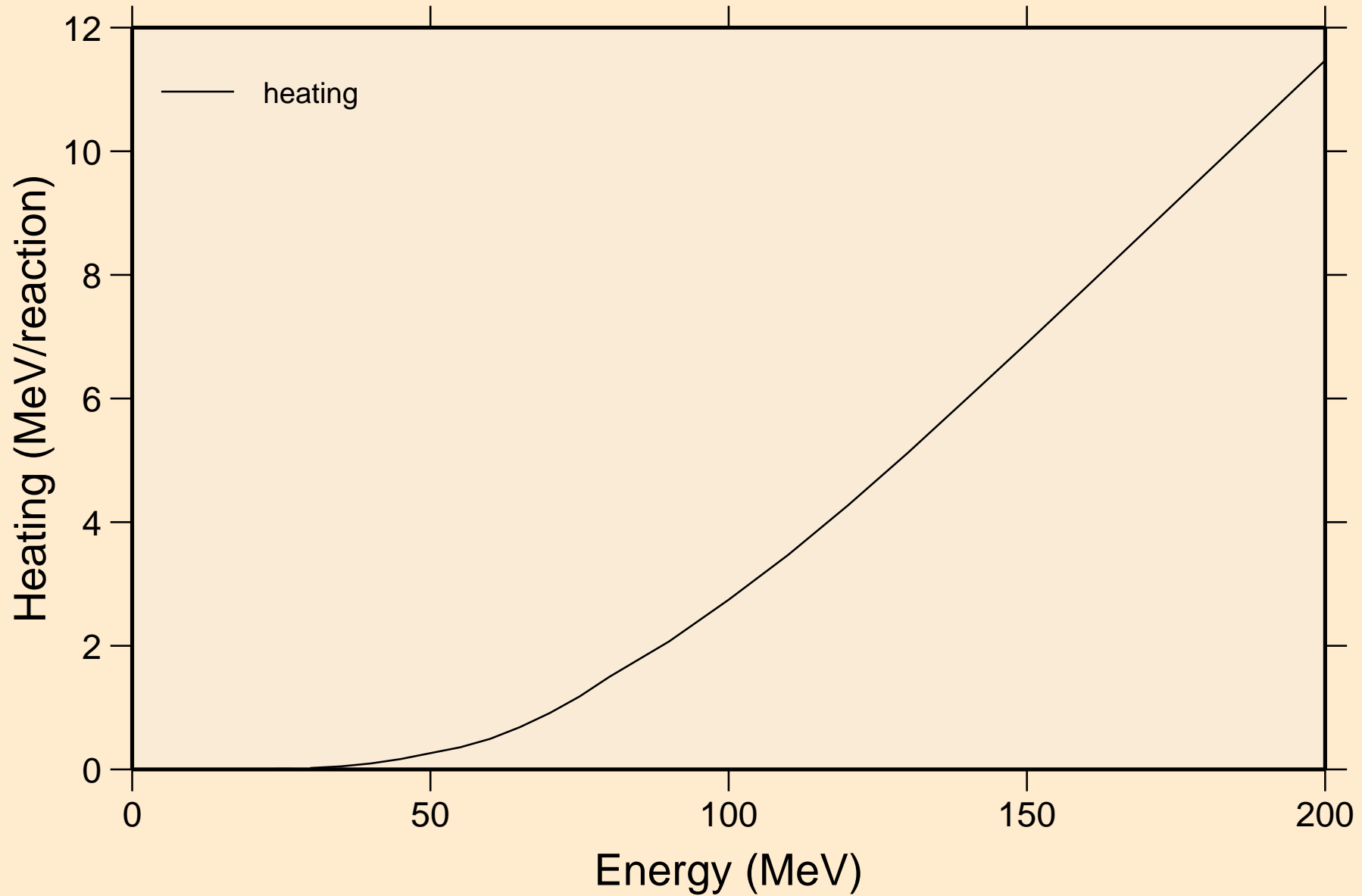
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

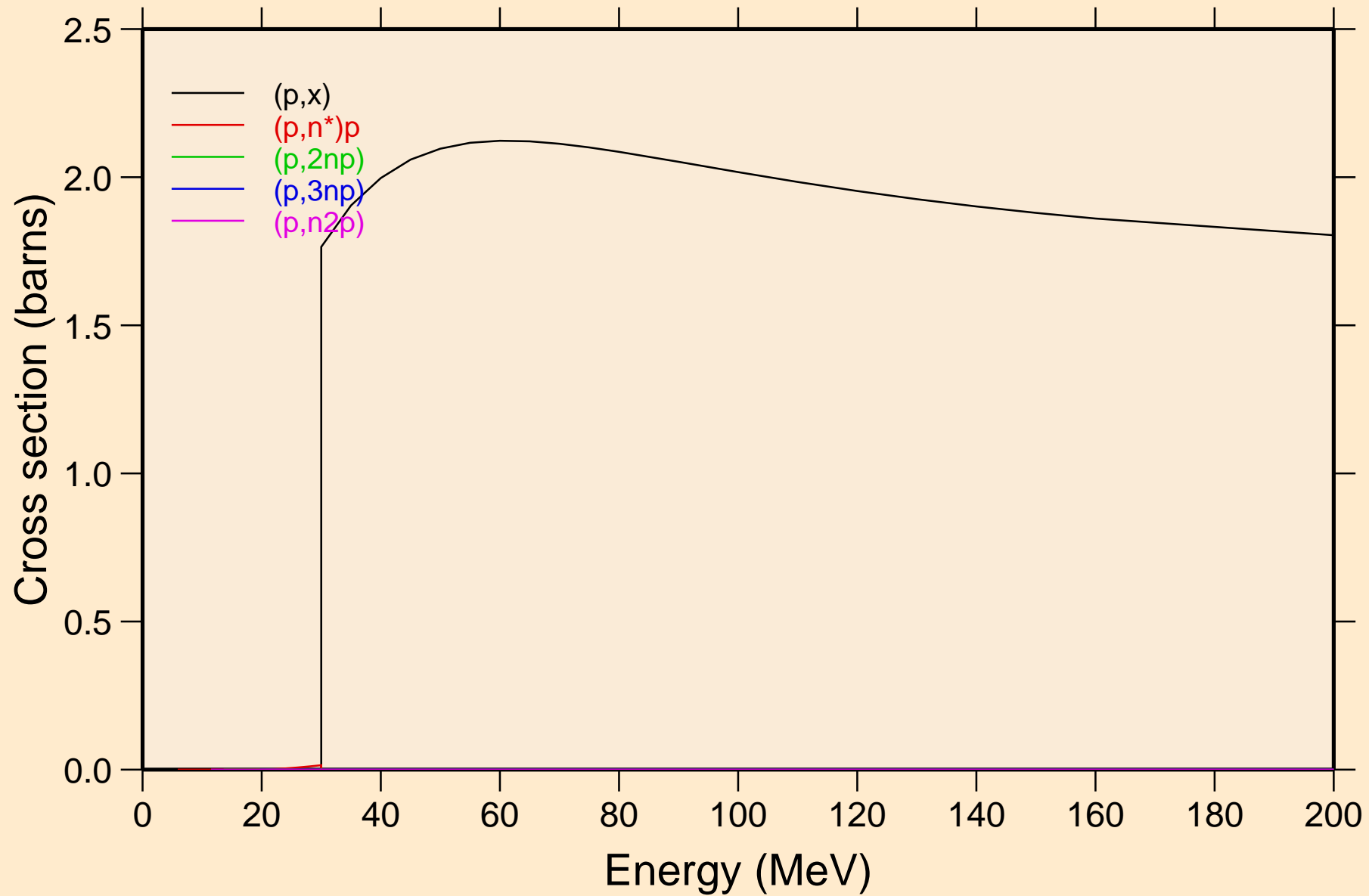


U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

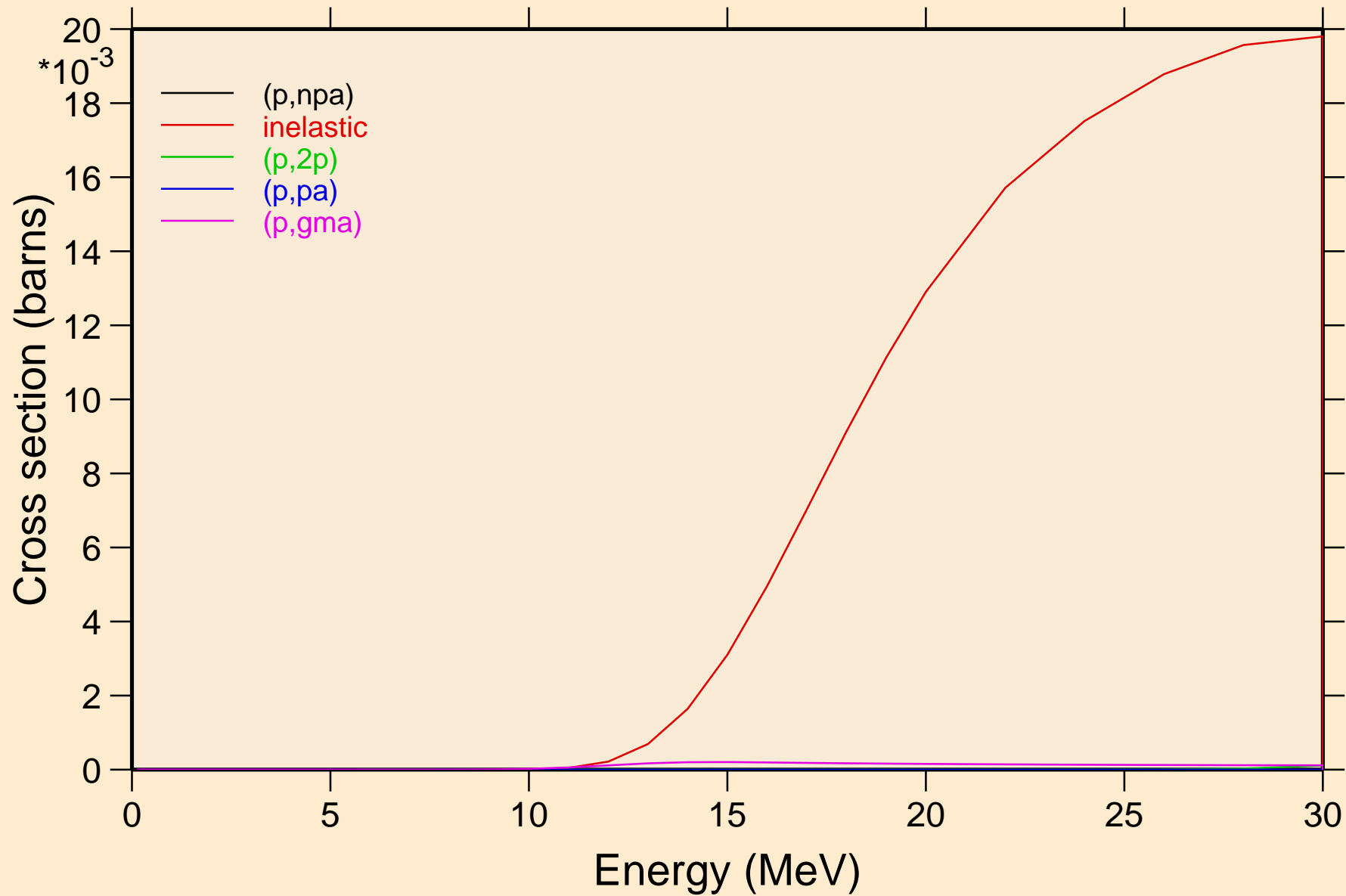


U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



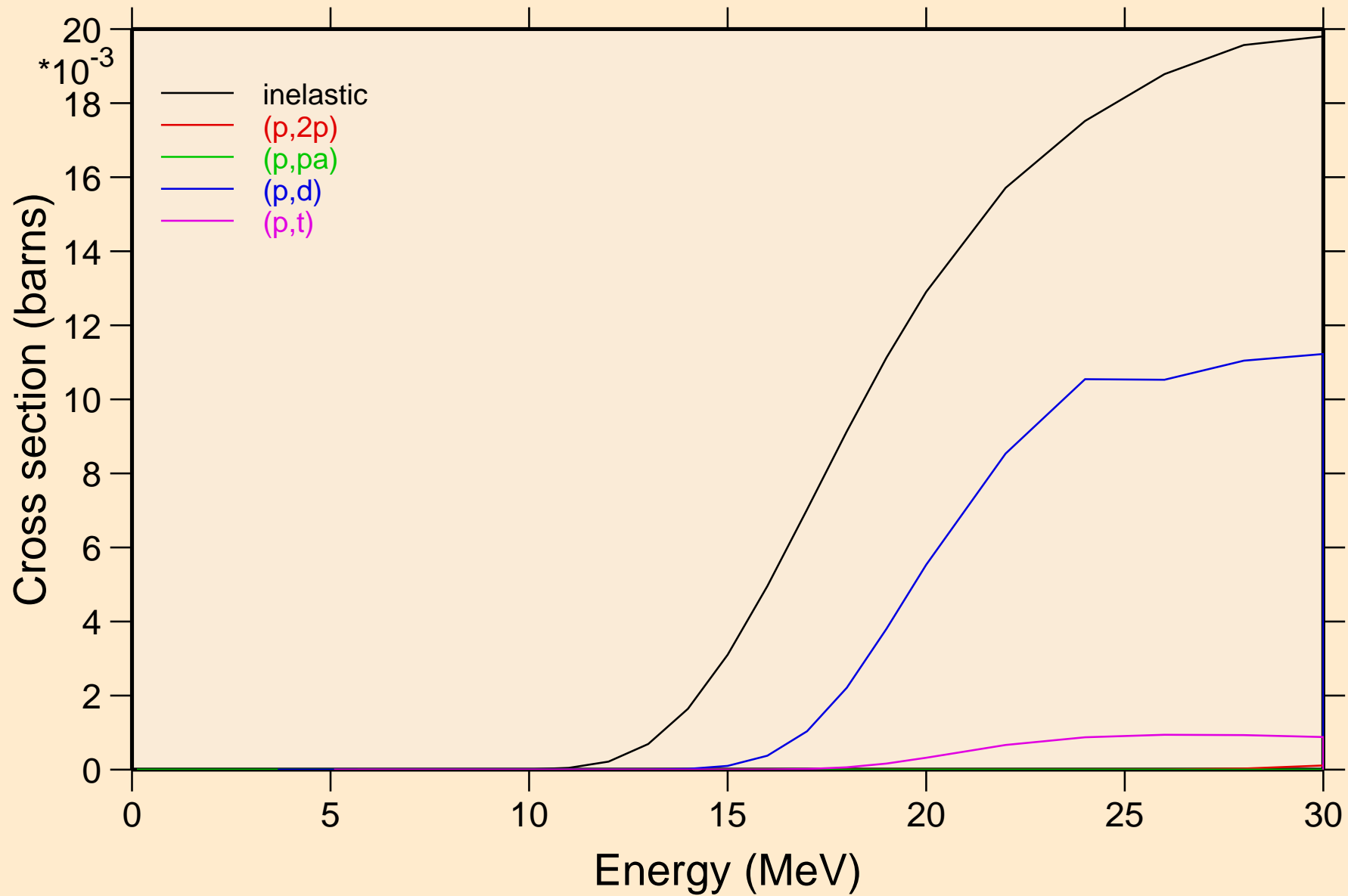
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Threshold reactions

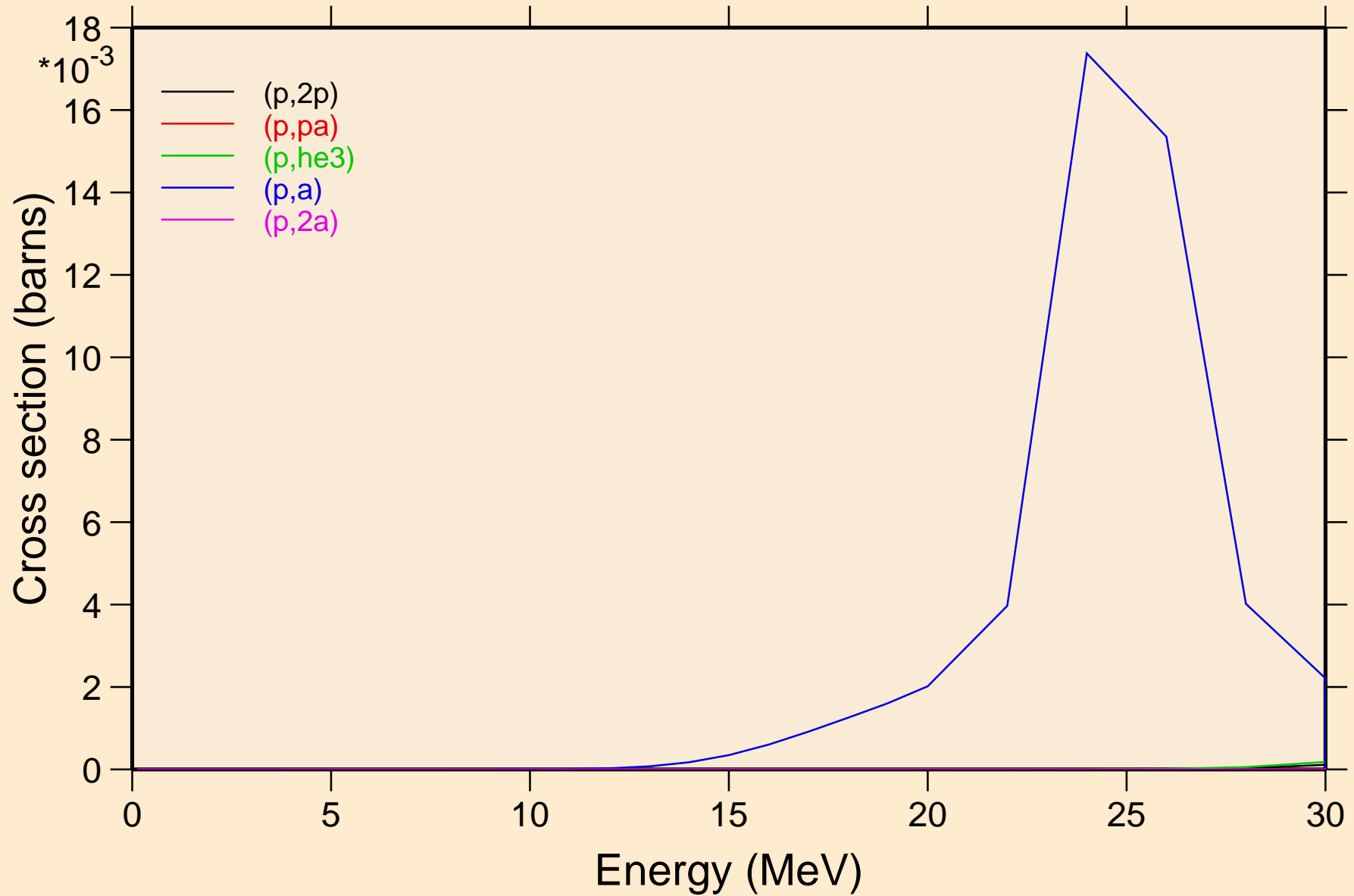


U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K

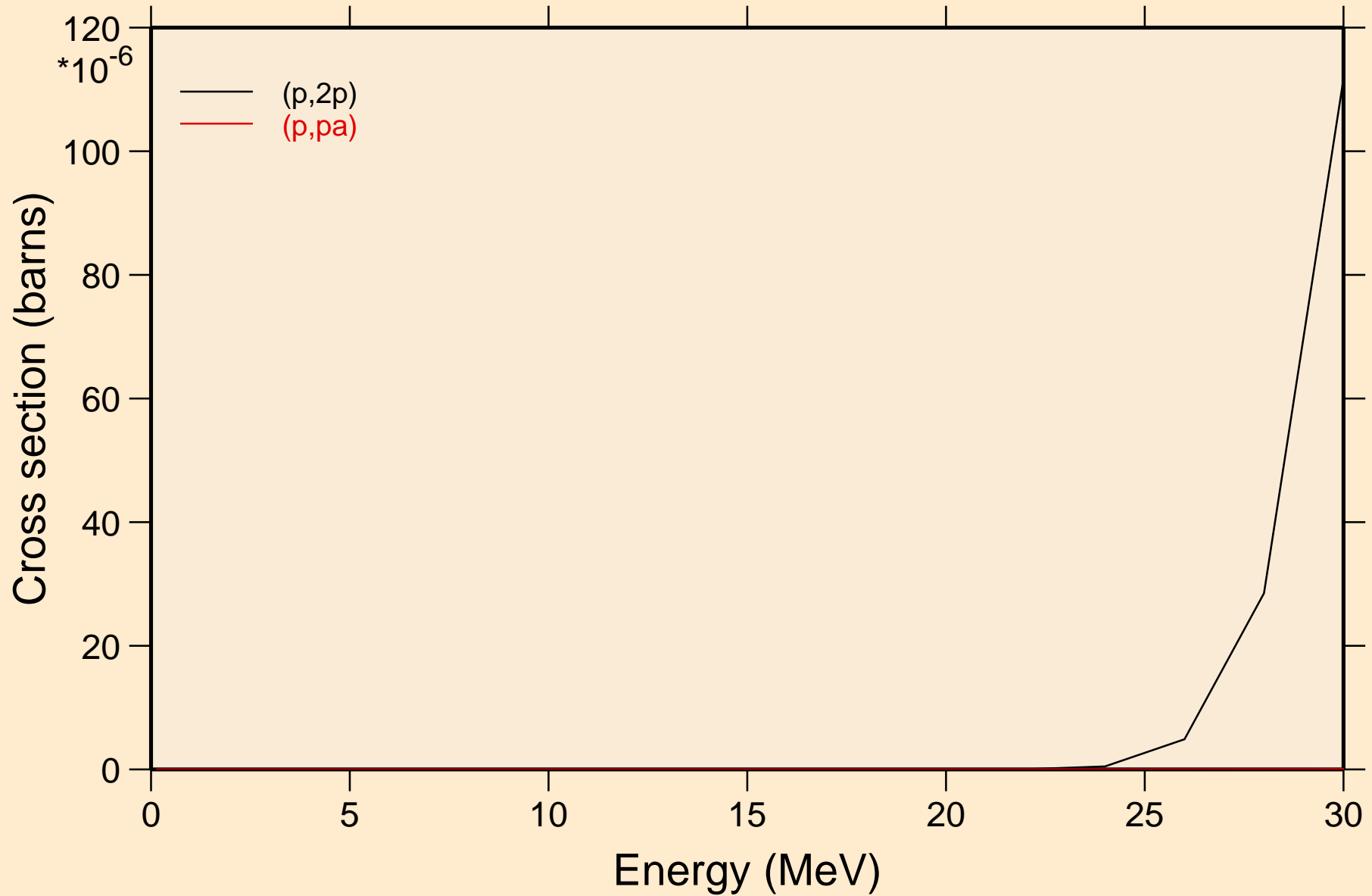
Threshold reactions



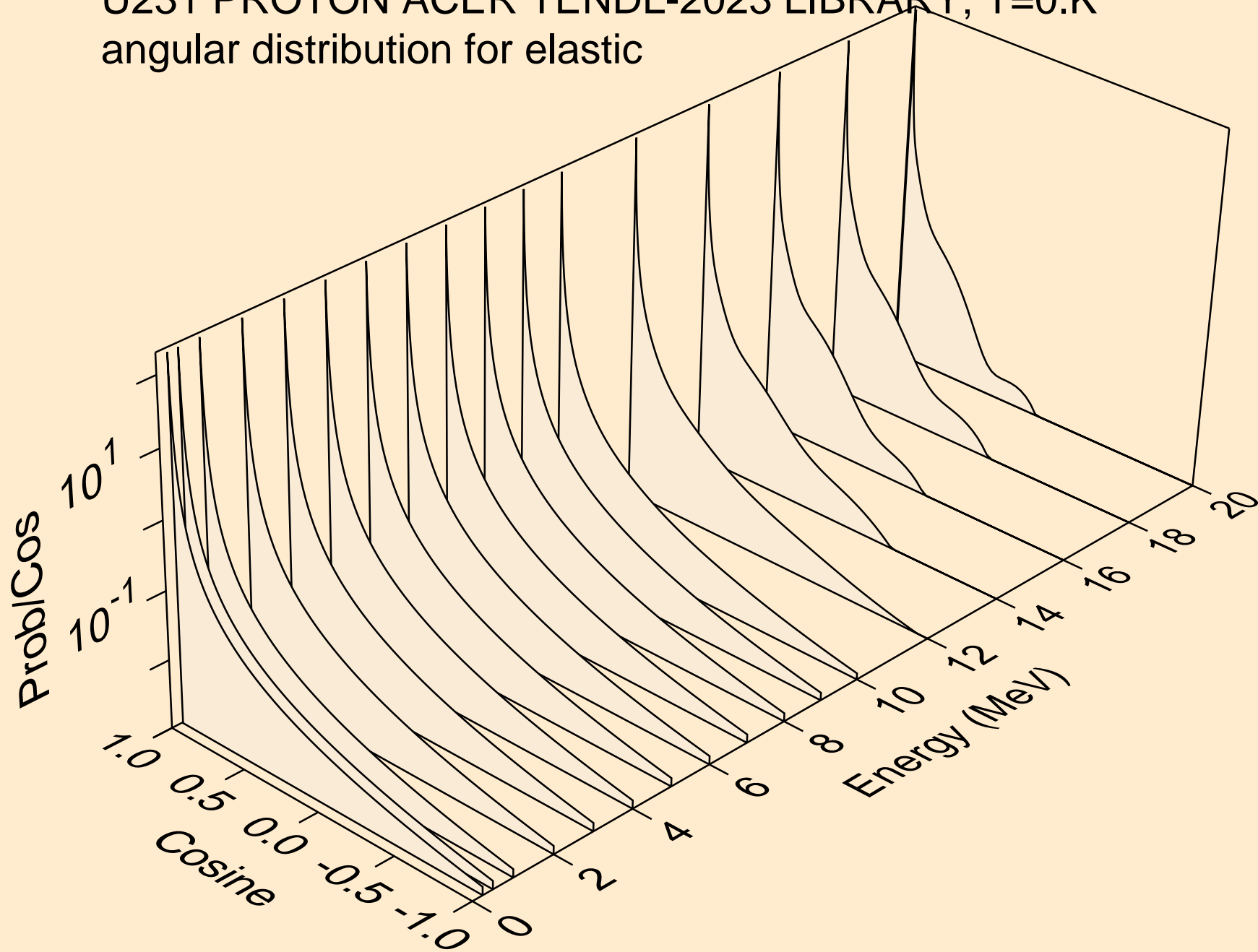
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



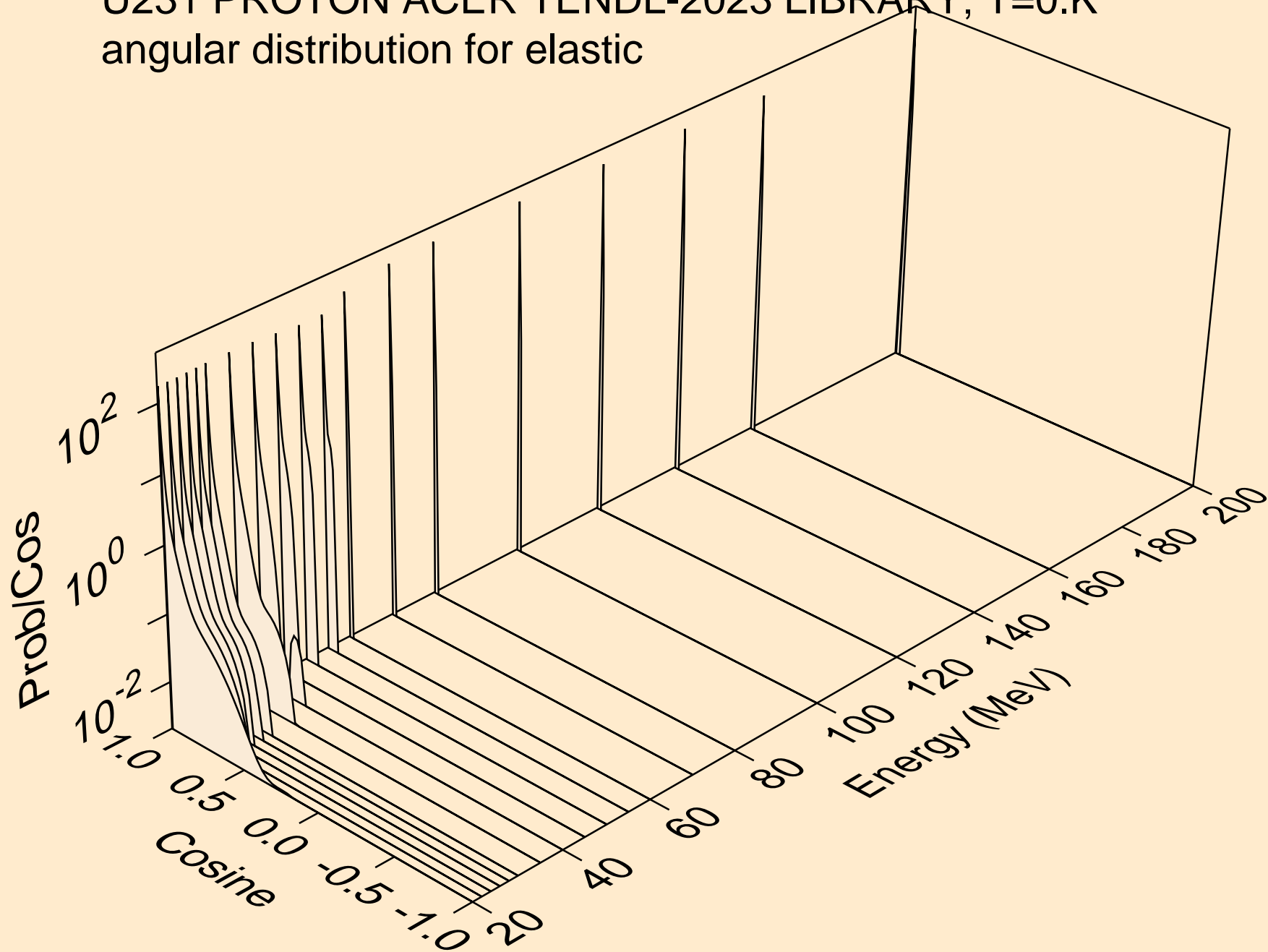
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Threshold reactions



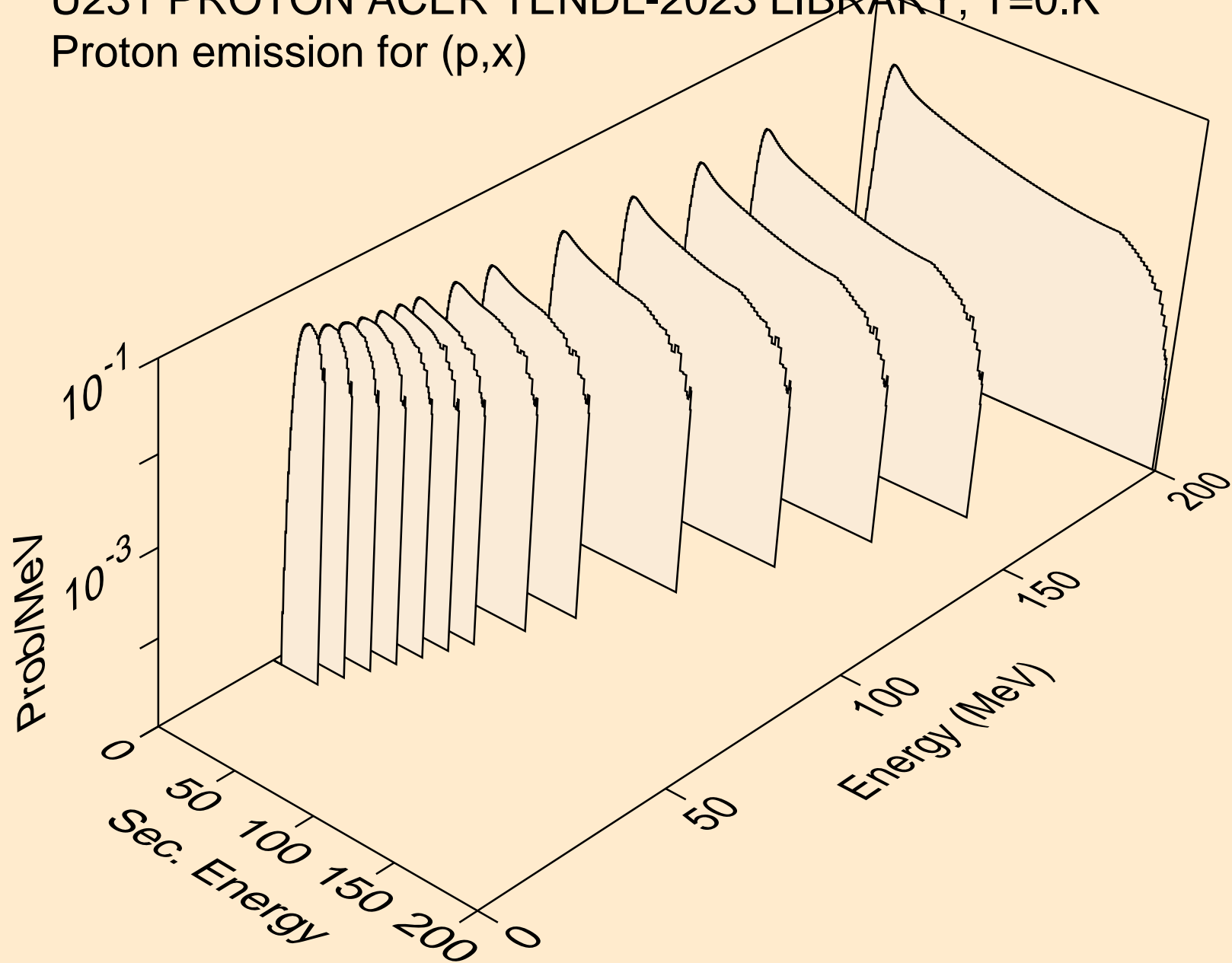
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



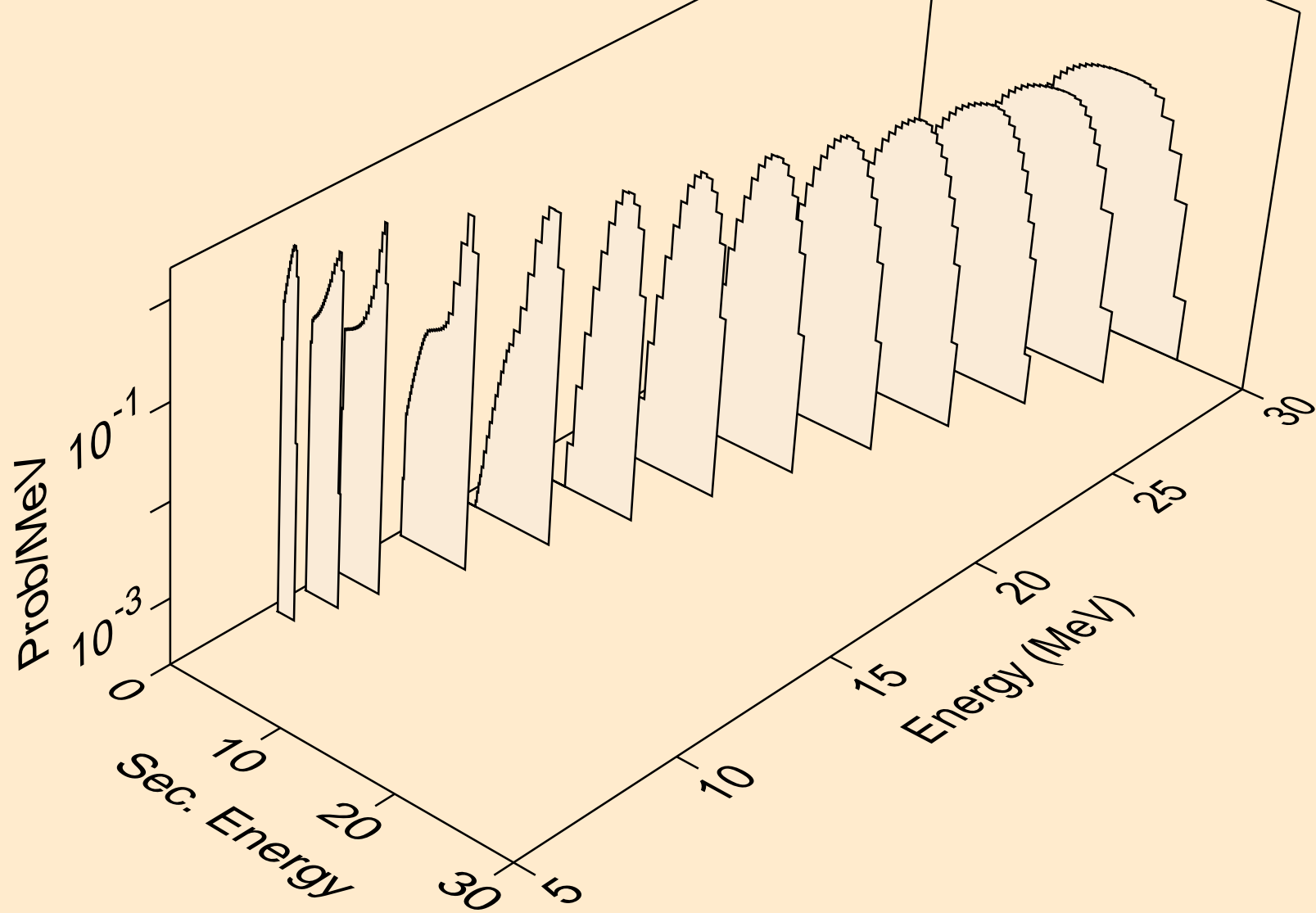
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angular distribution for elastic



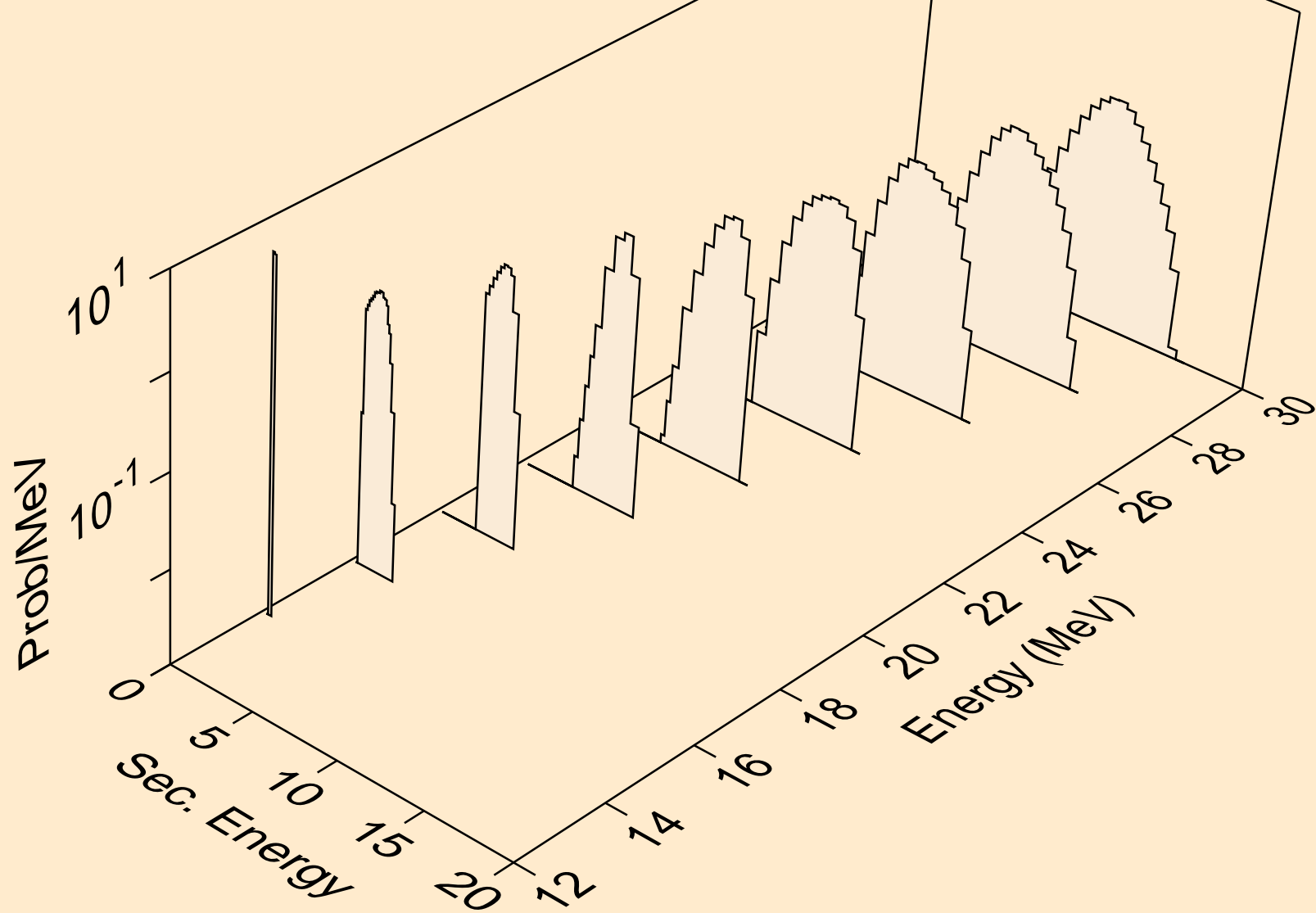
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,x)



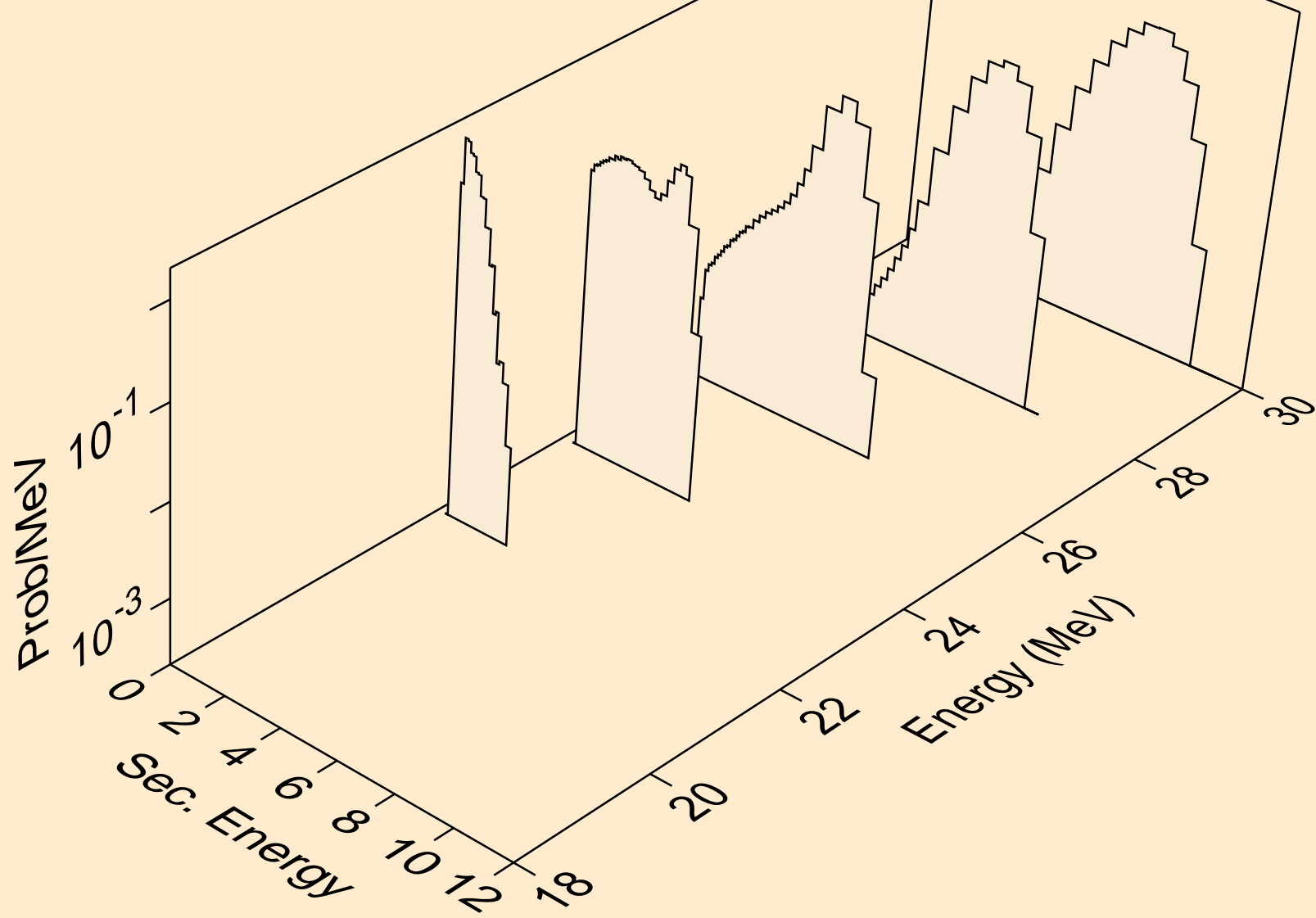
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n*)p



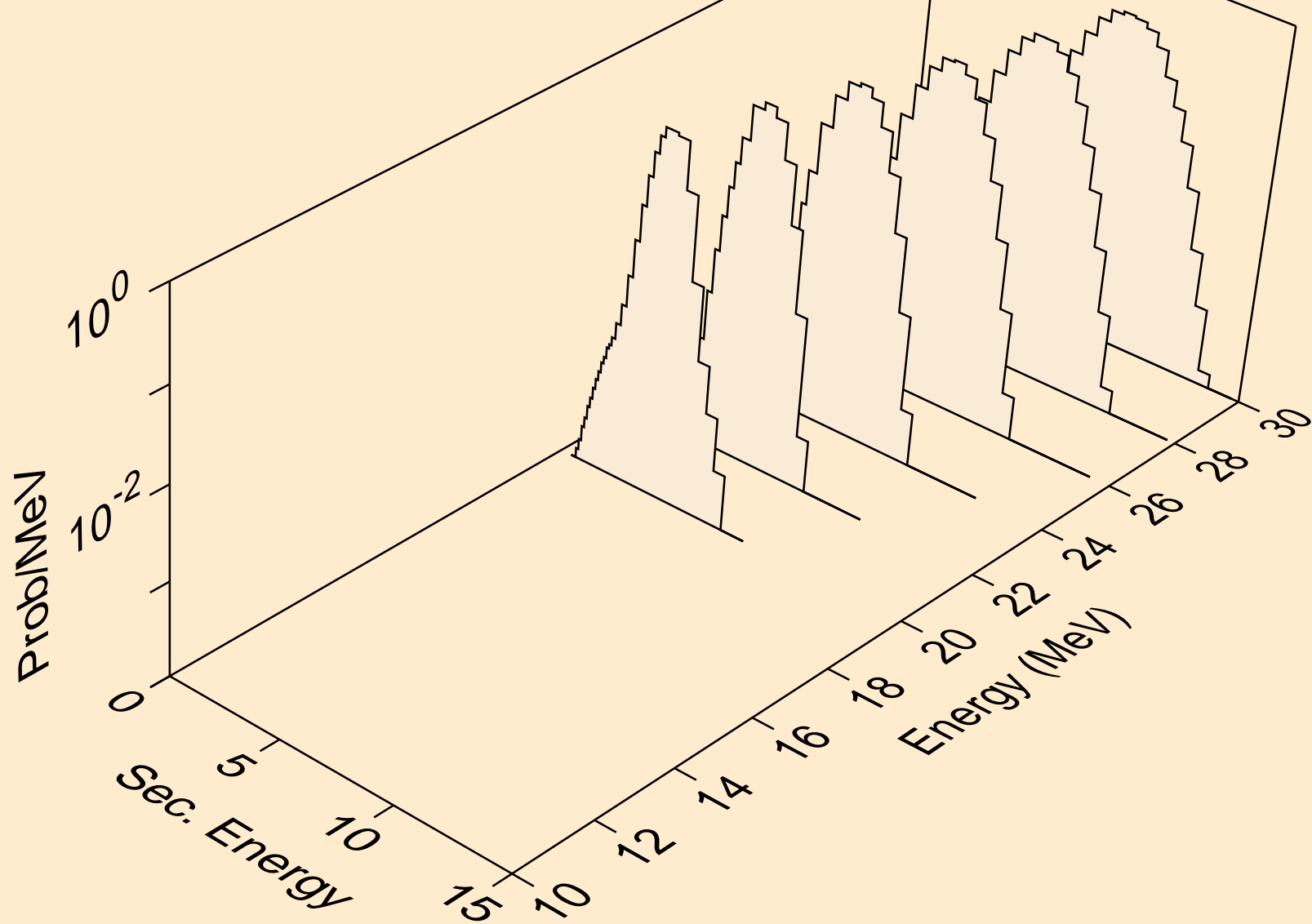
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2np)



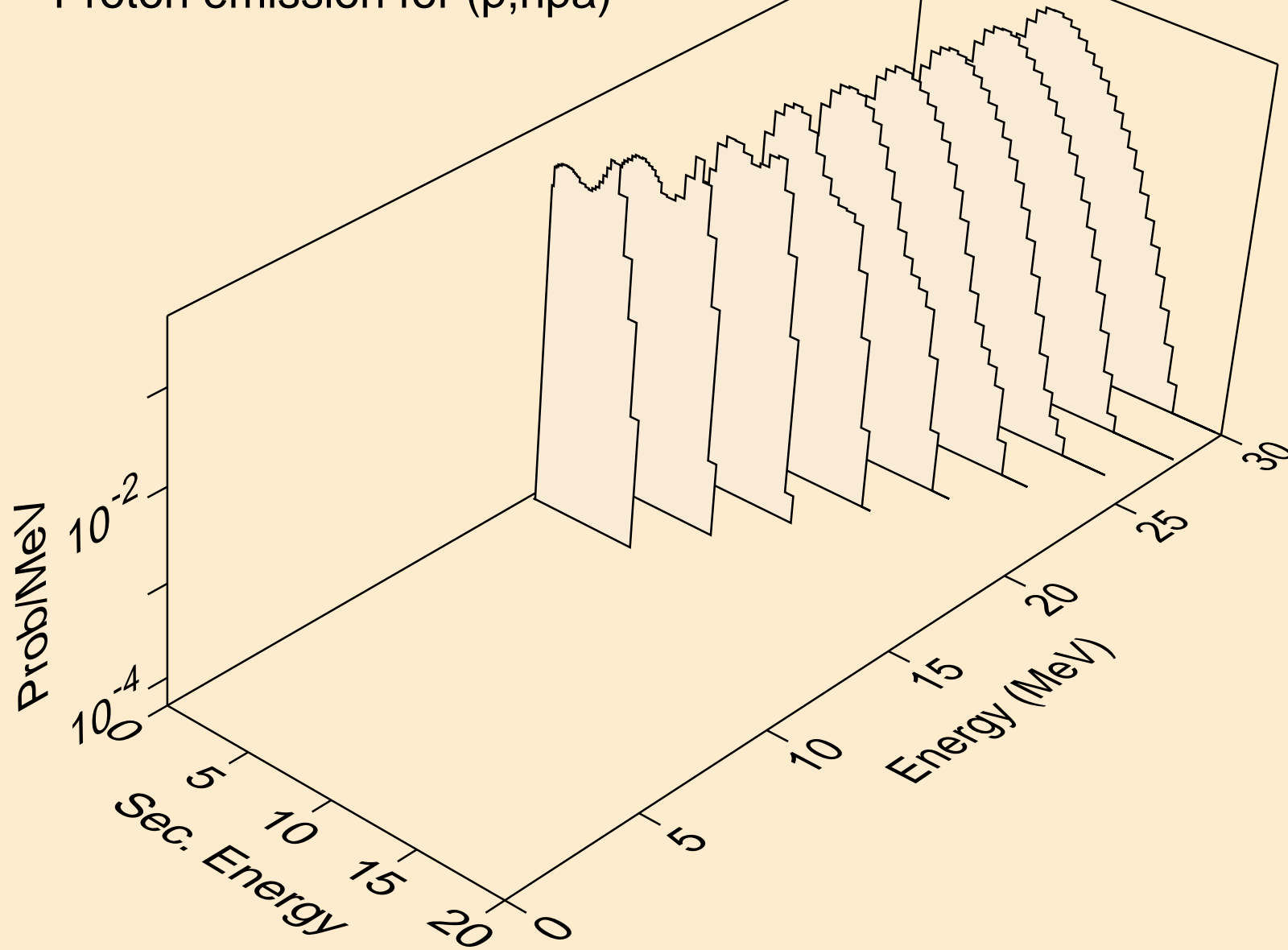
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,3np)



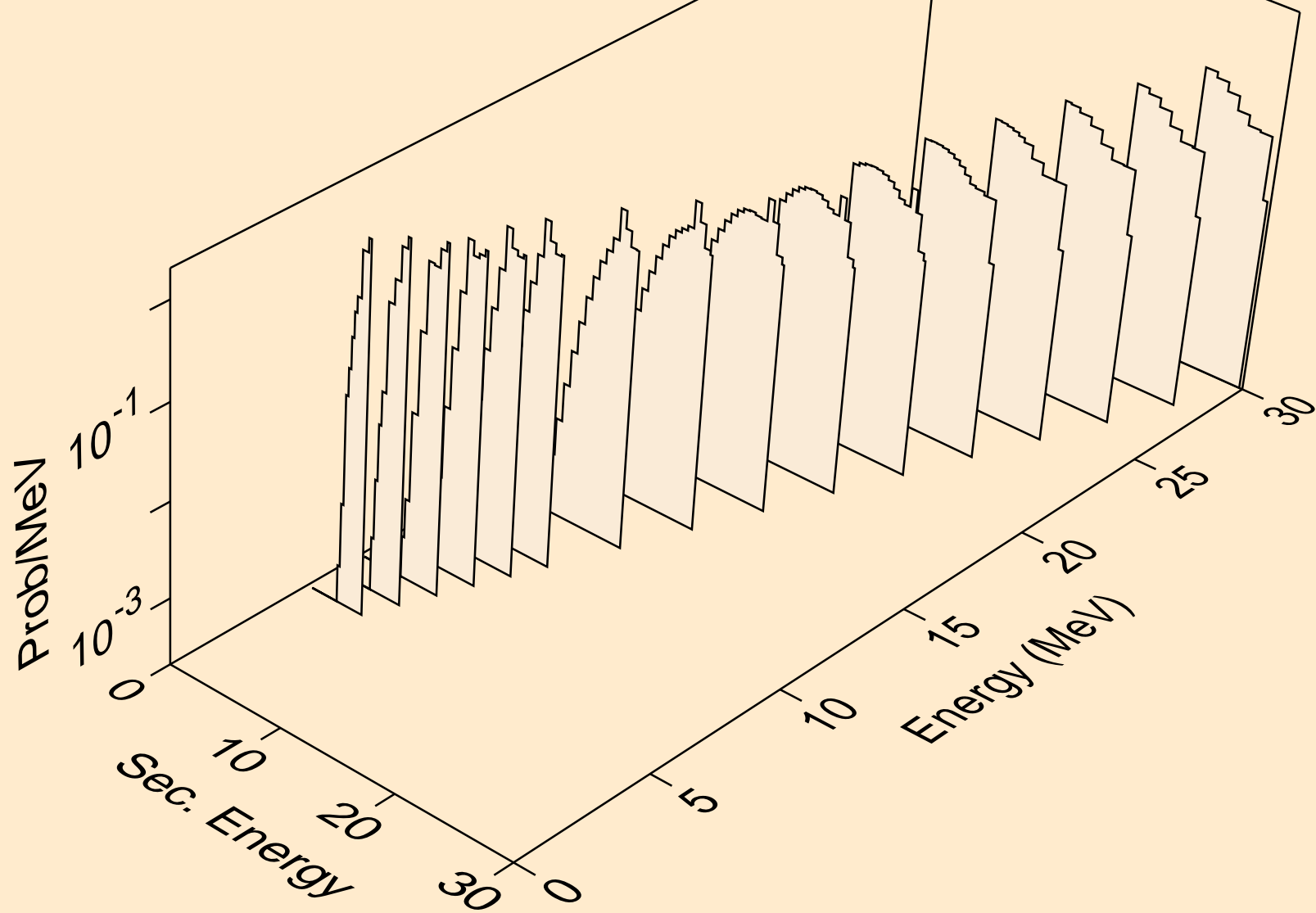
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,n2p)



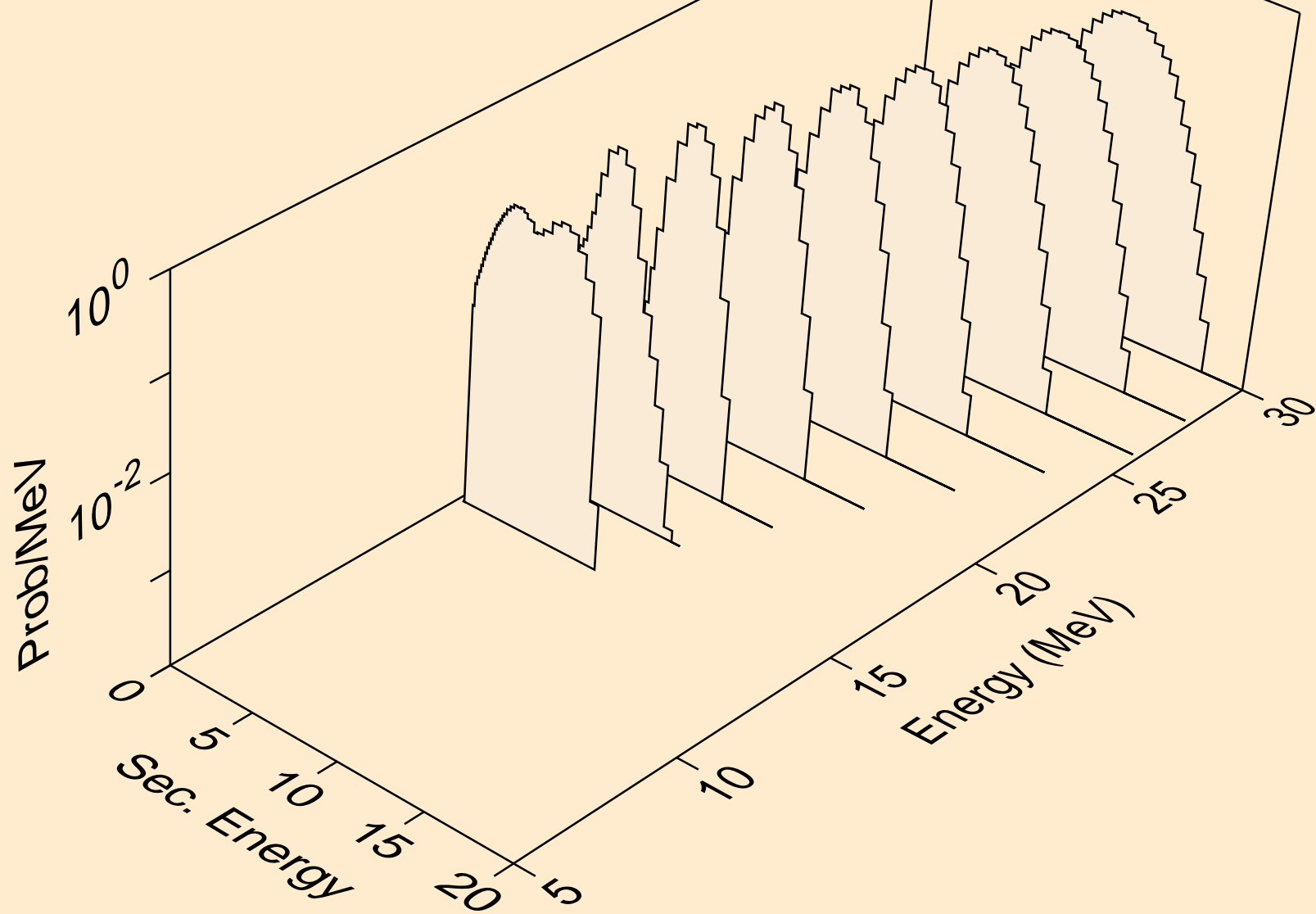
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,npa)



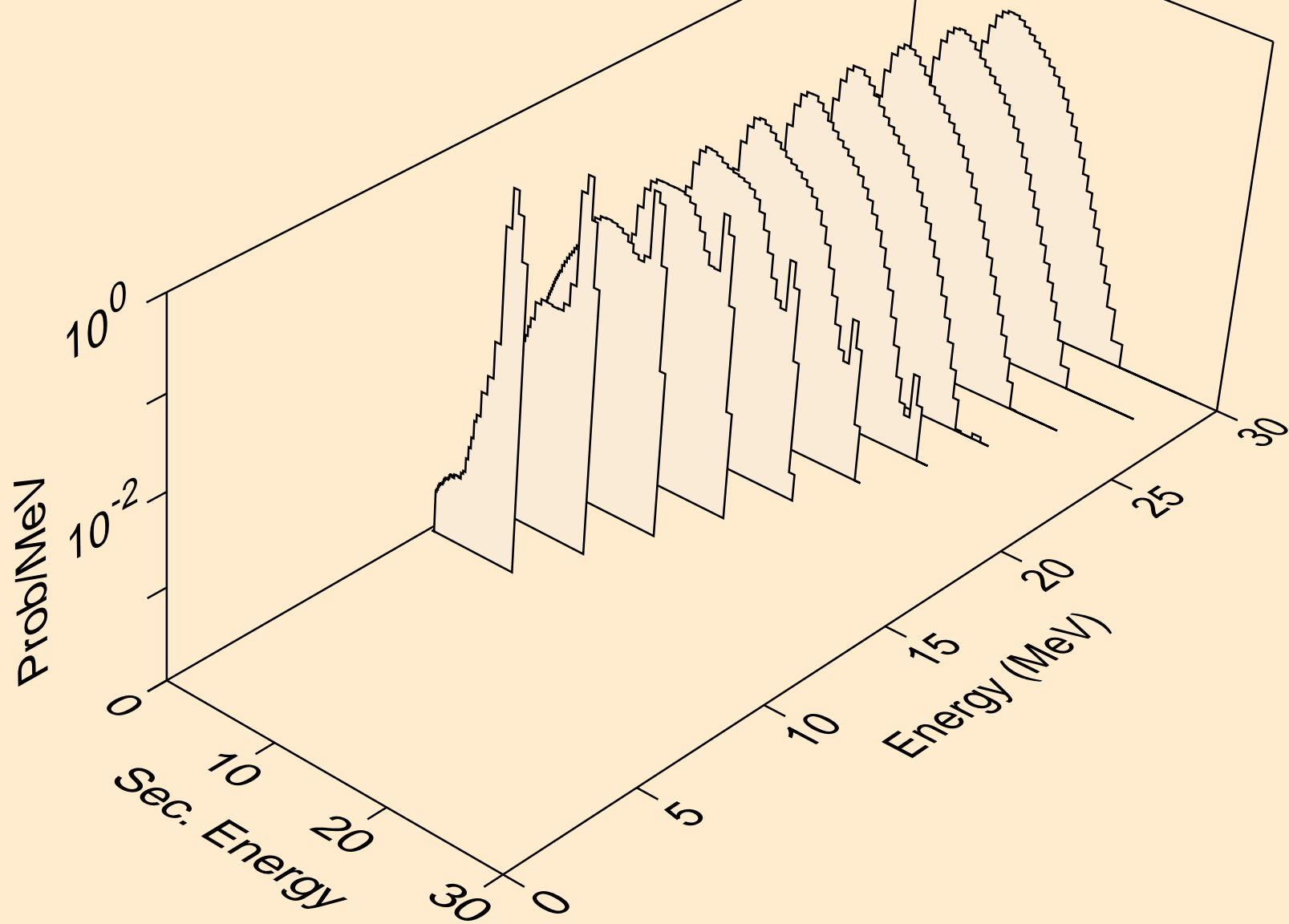
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for inelastic



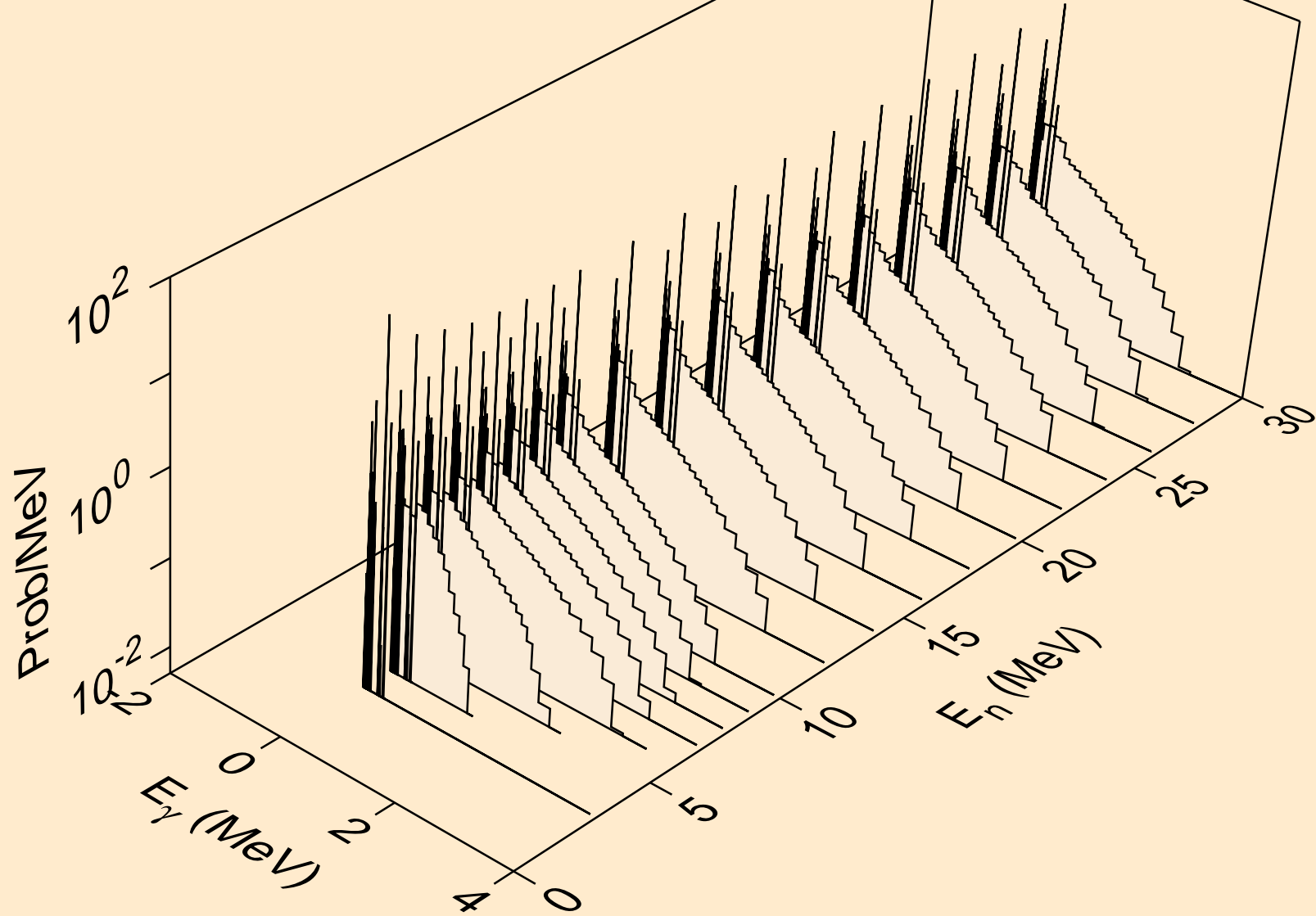
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,2p)



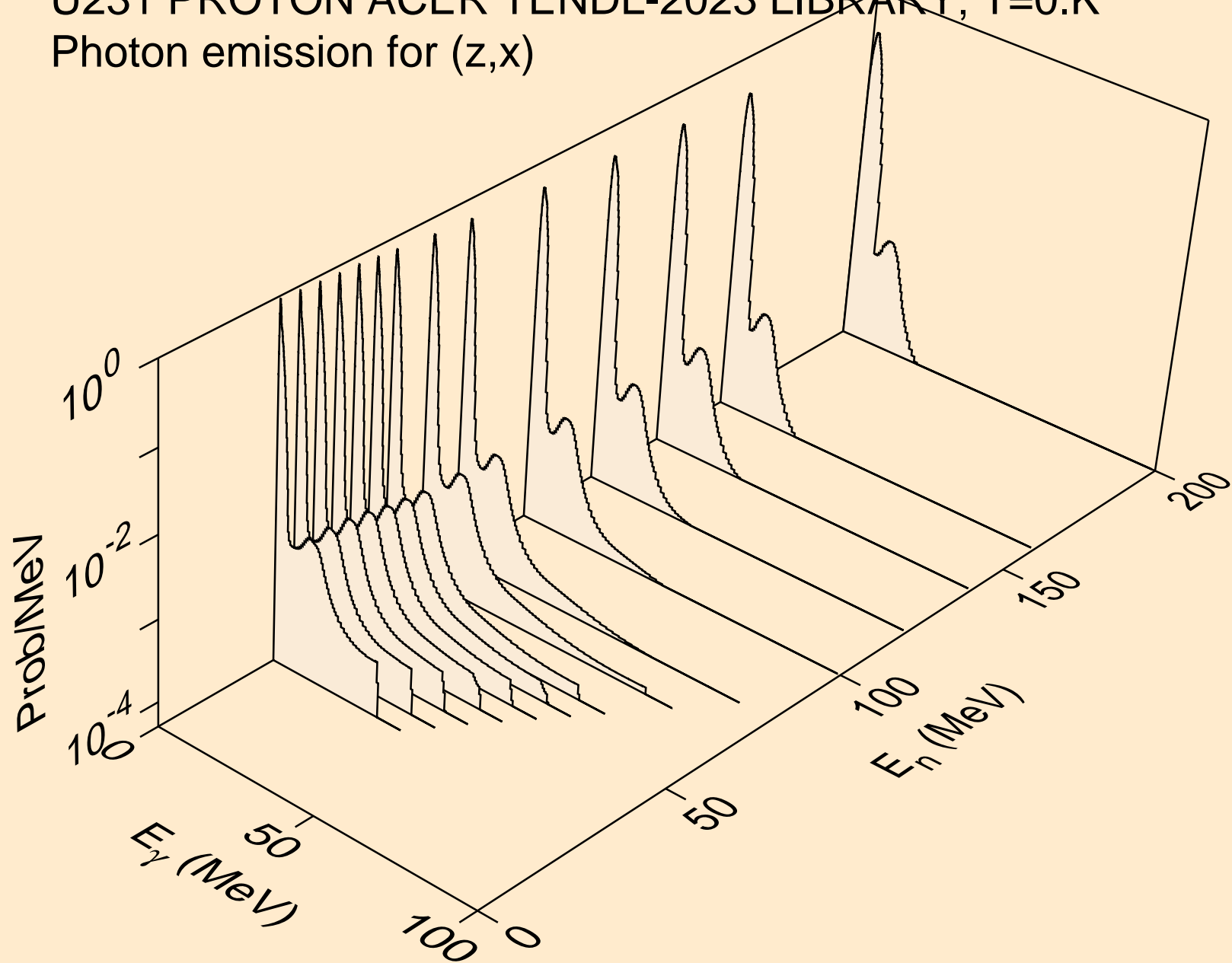
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Proton emission for (p,pa)



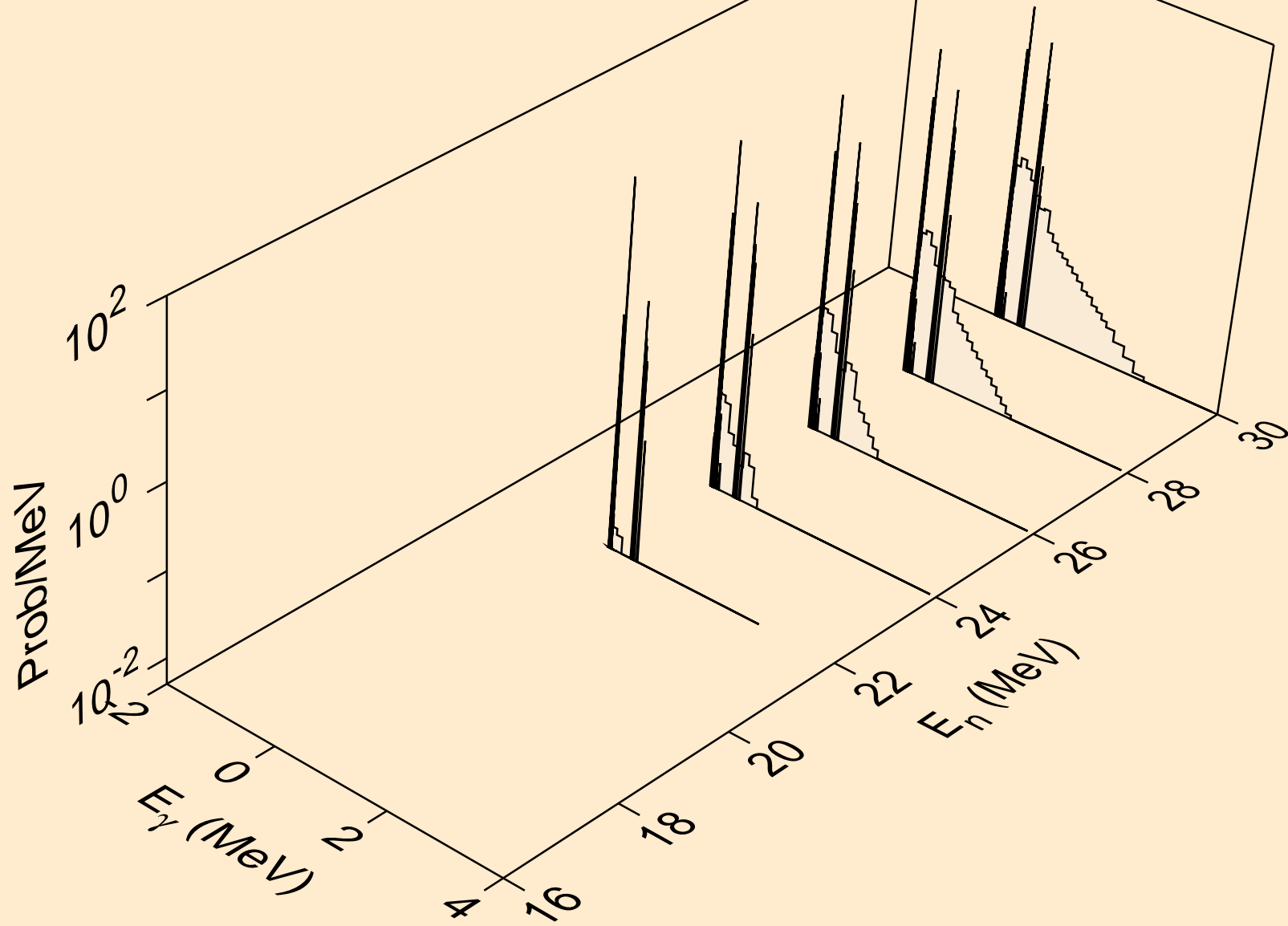
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



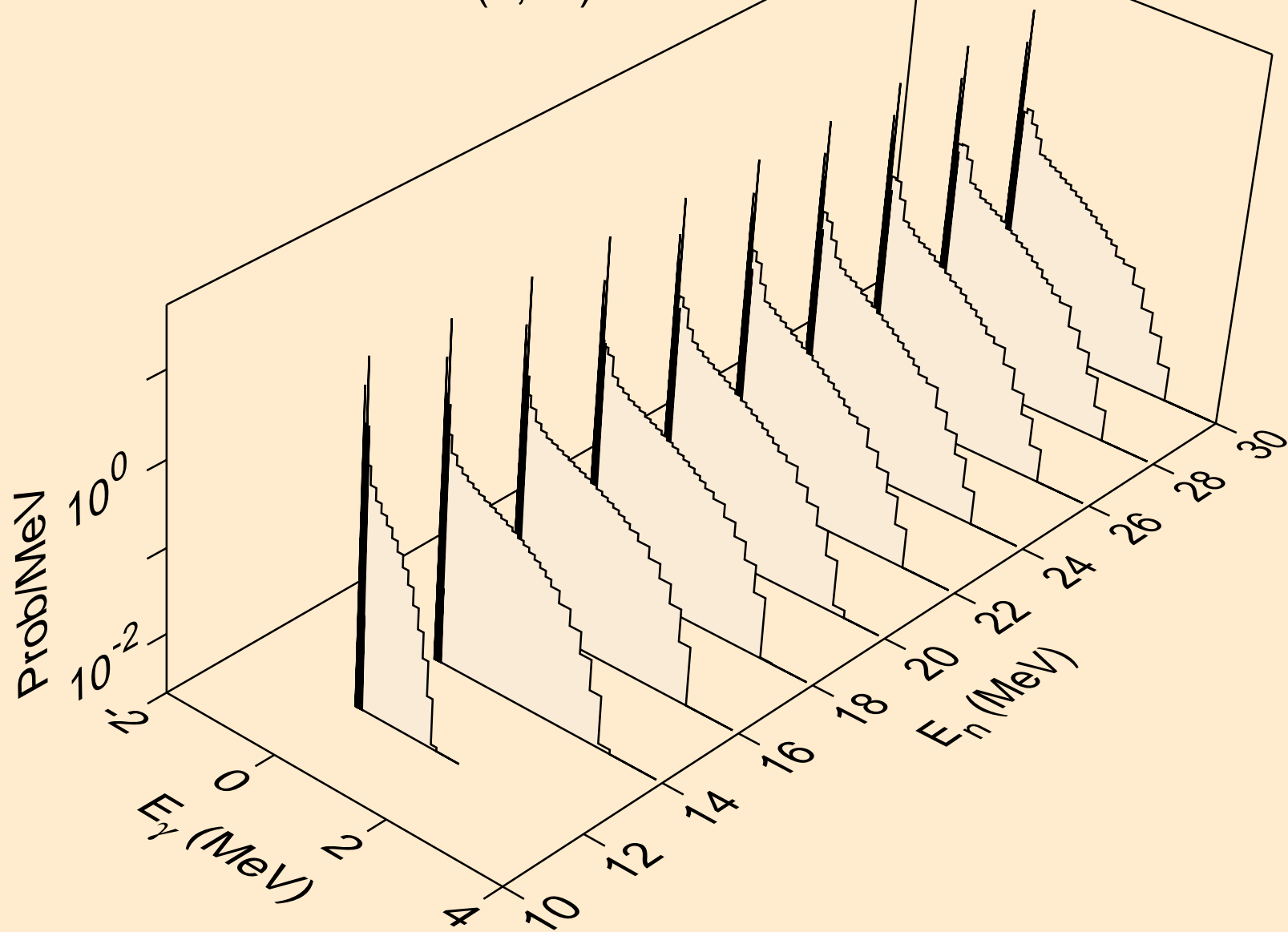
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Photon emission for (z,x)



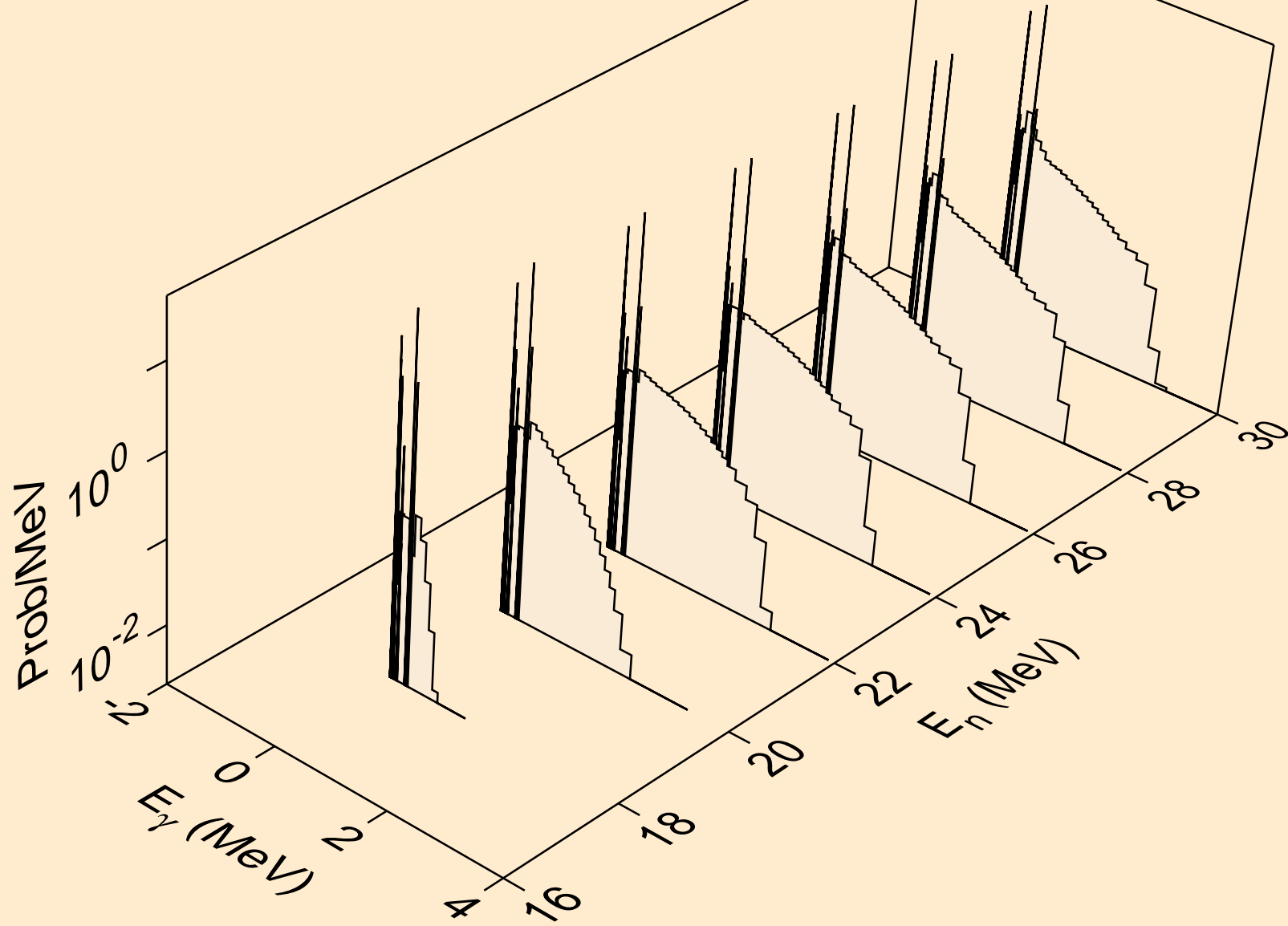
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



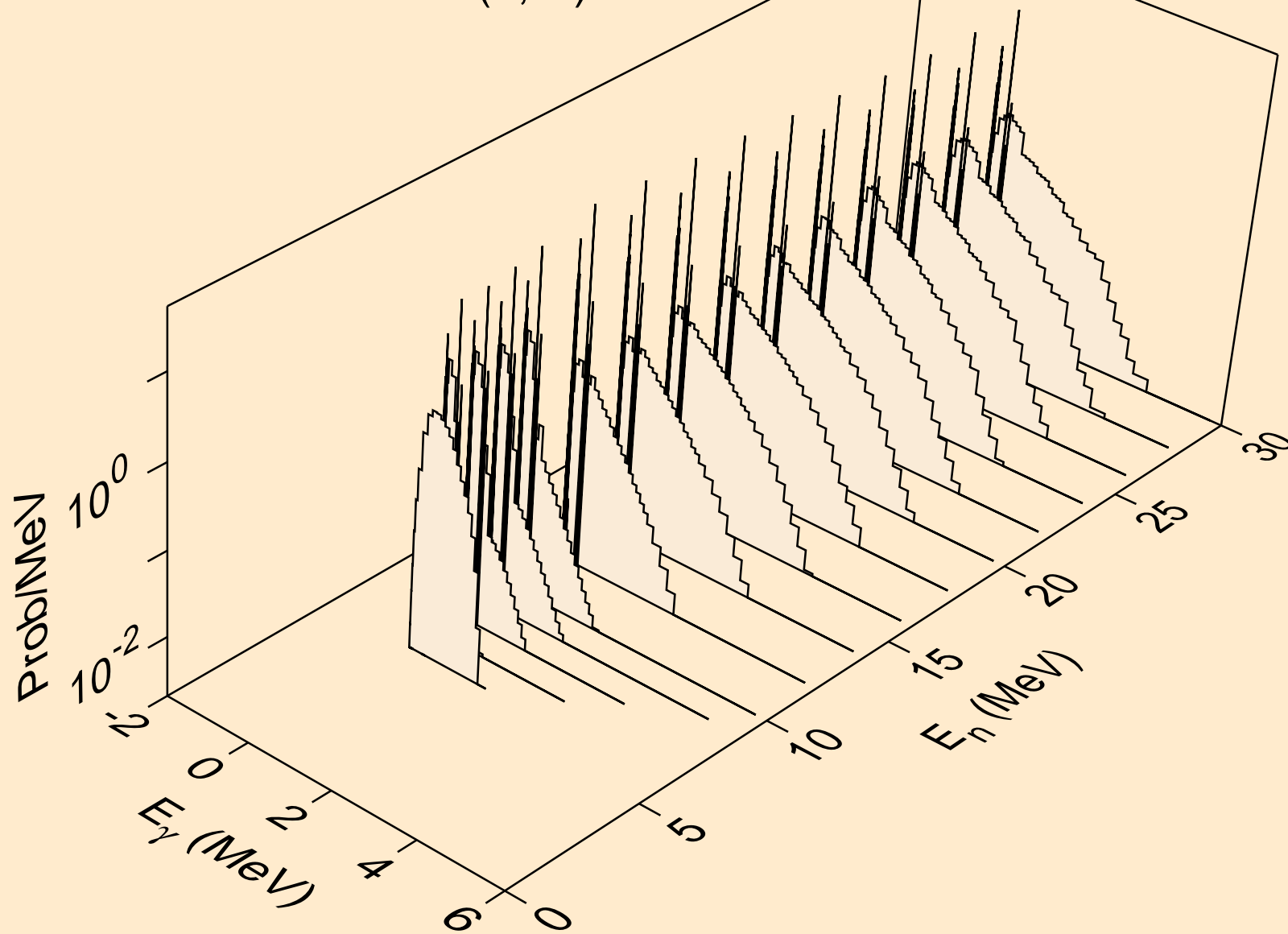
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



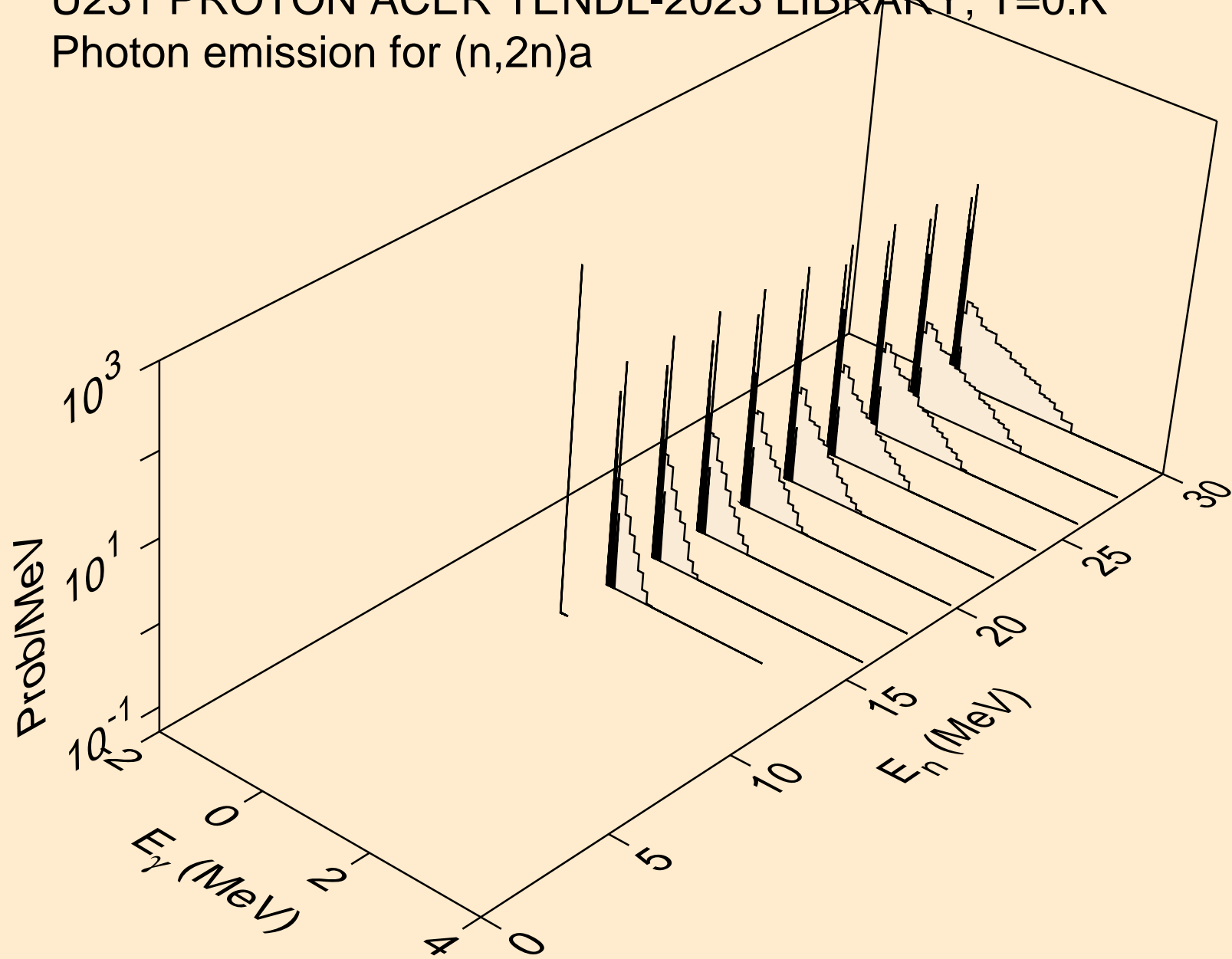
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Photon emission for (n,3n)



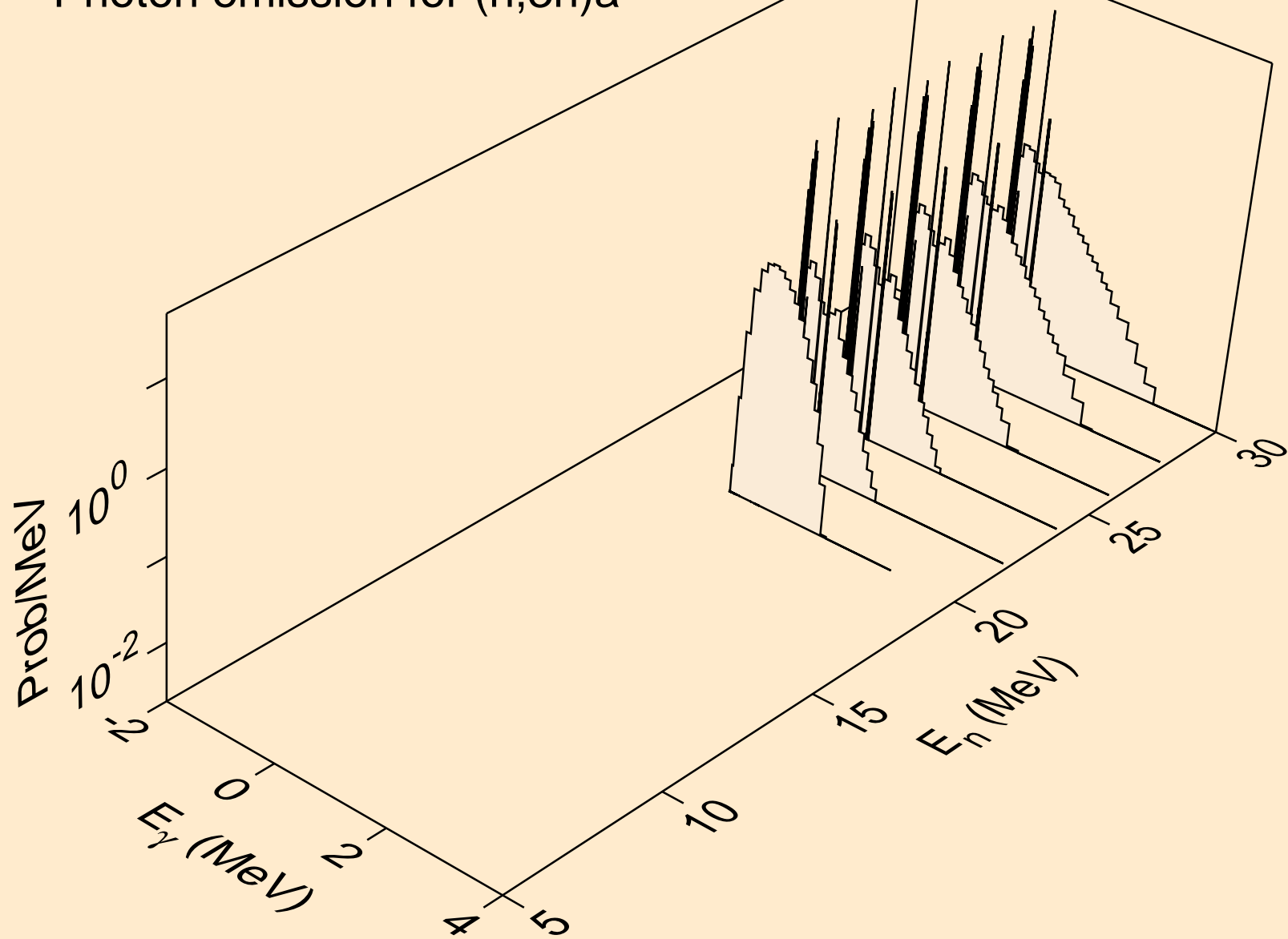
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



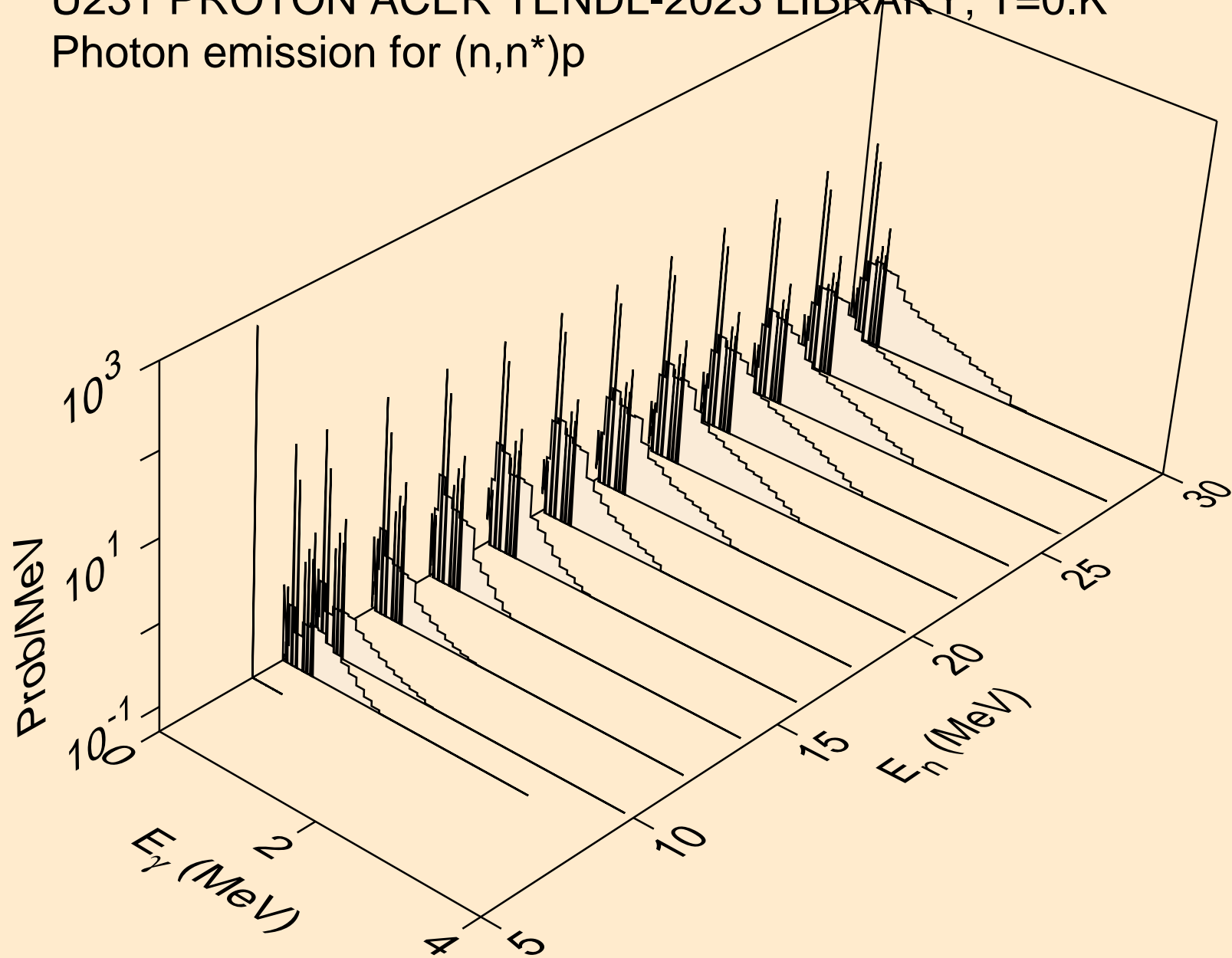
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



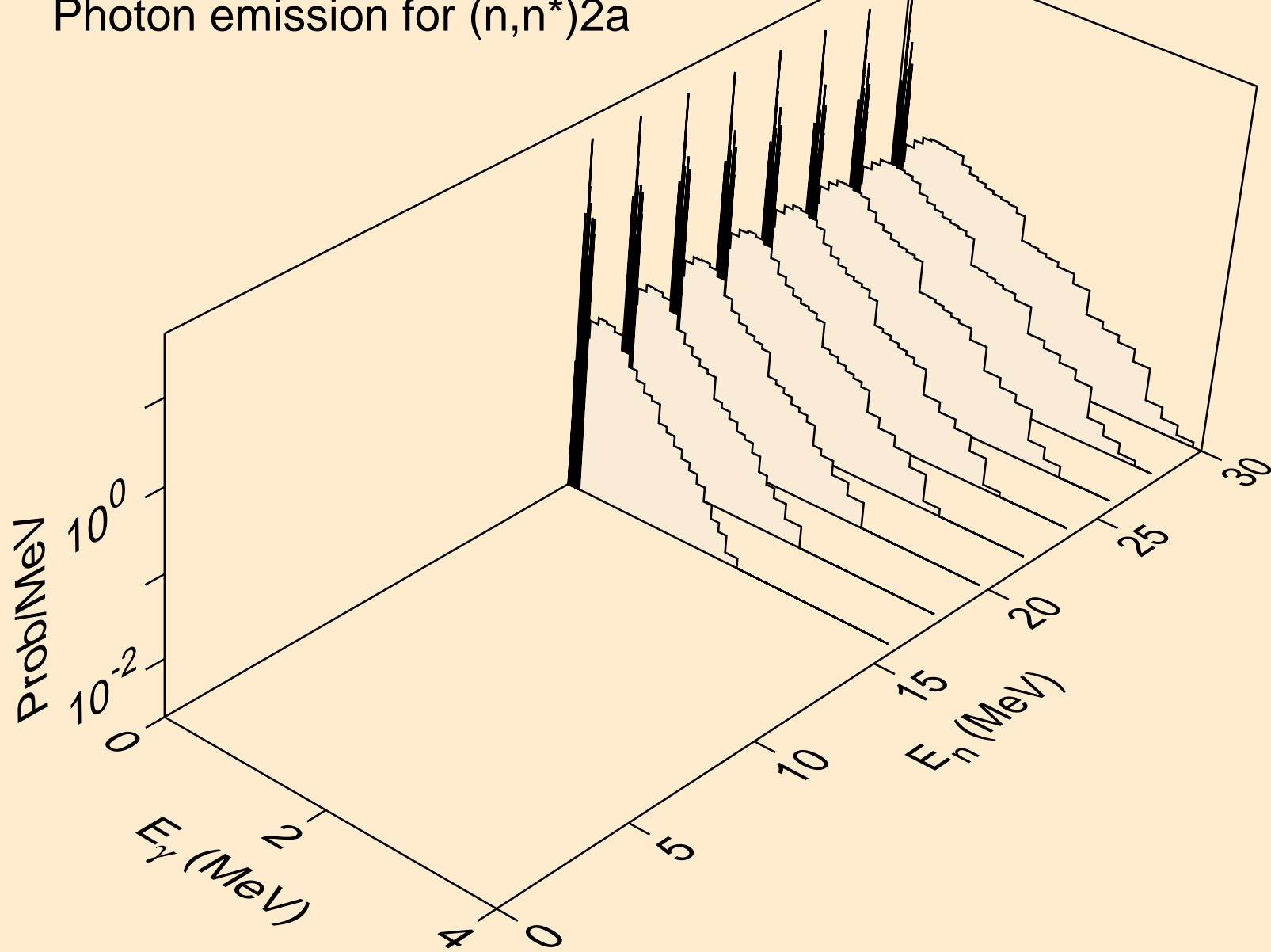
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



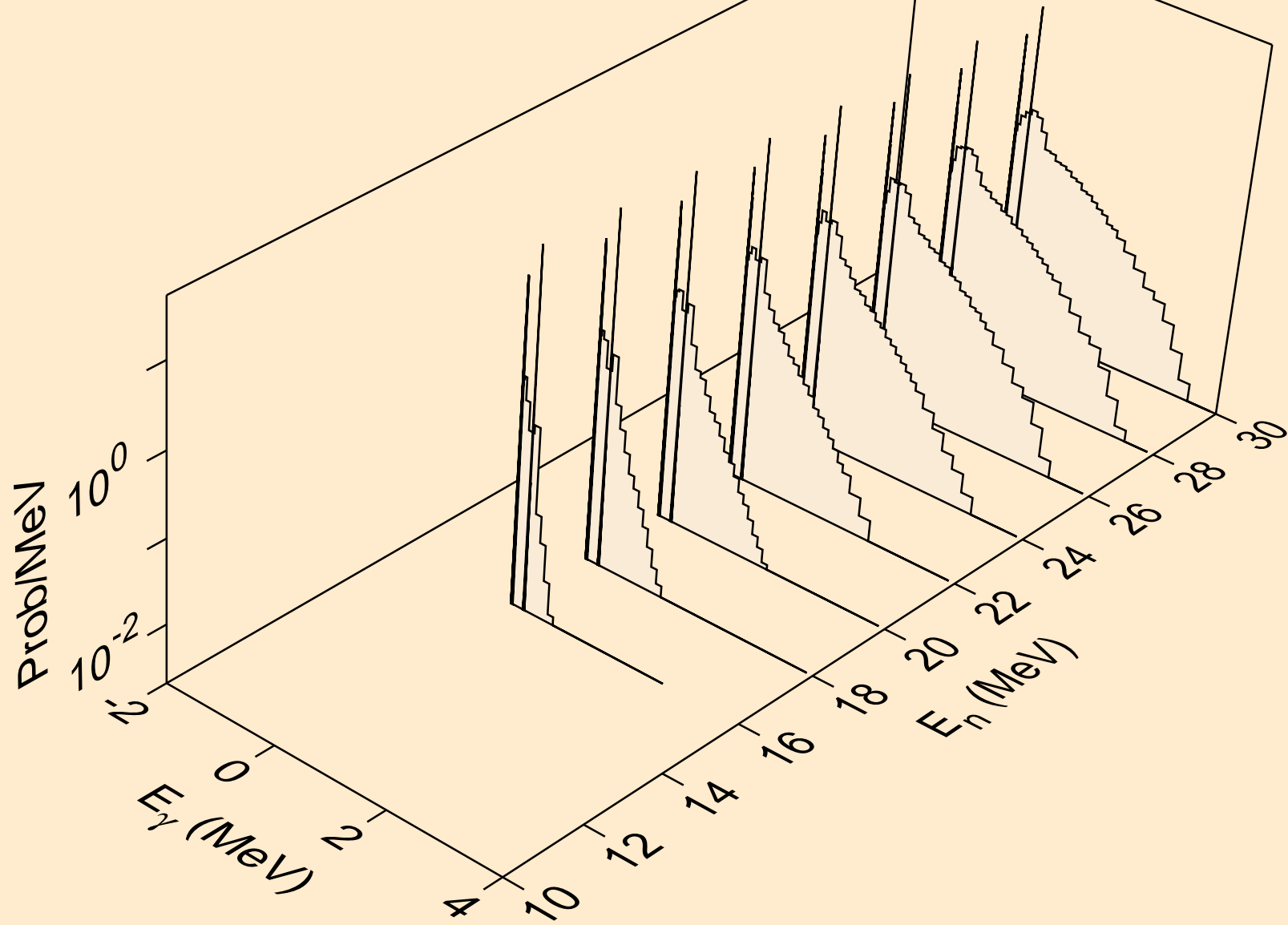
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



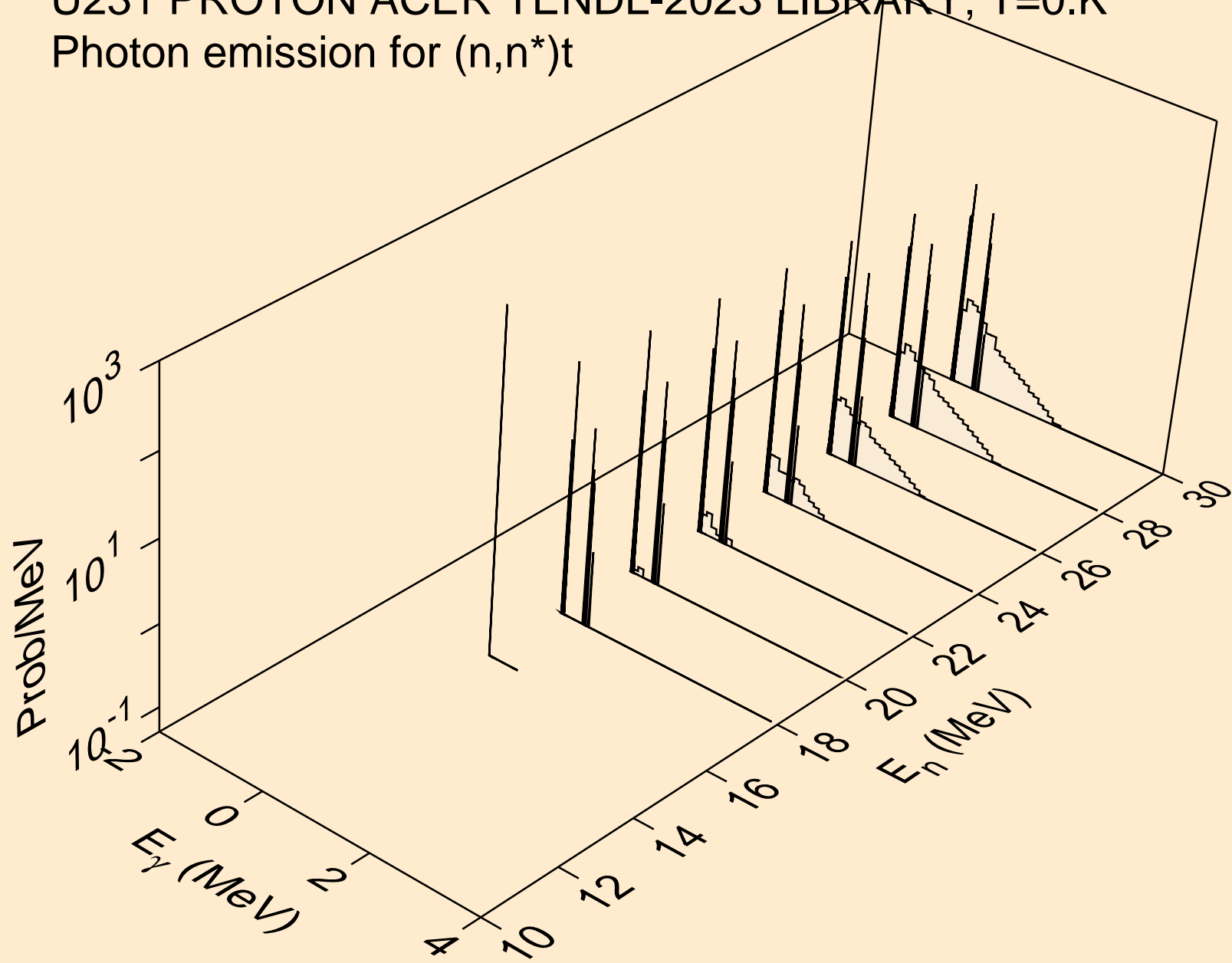
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



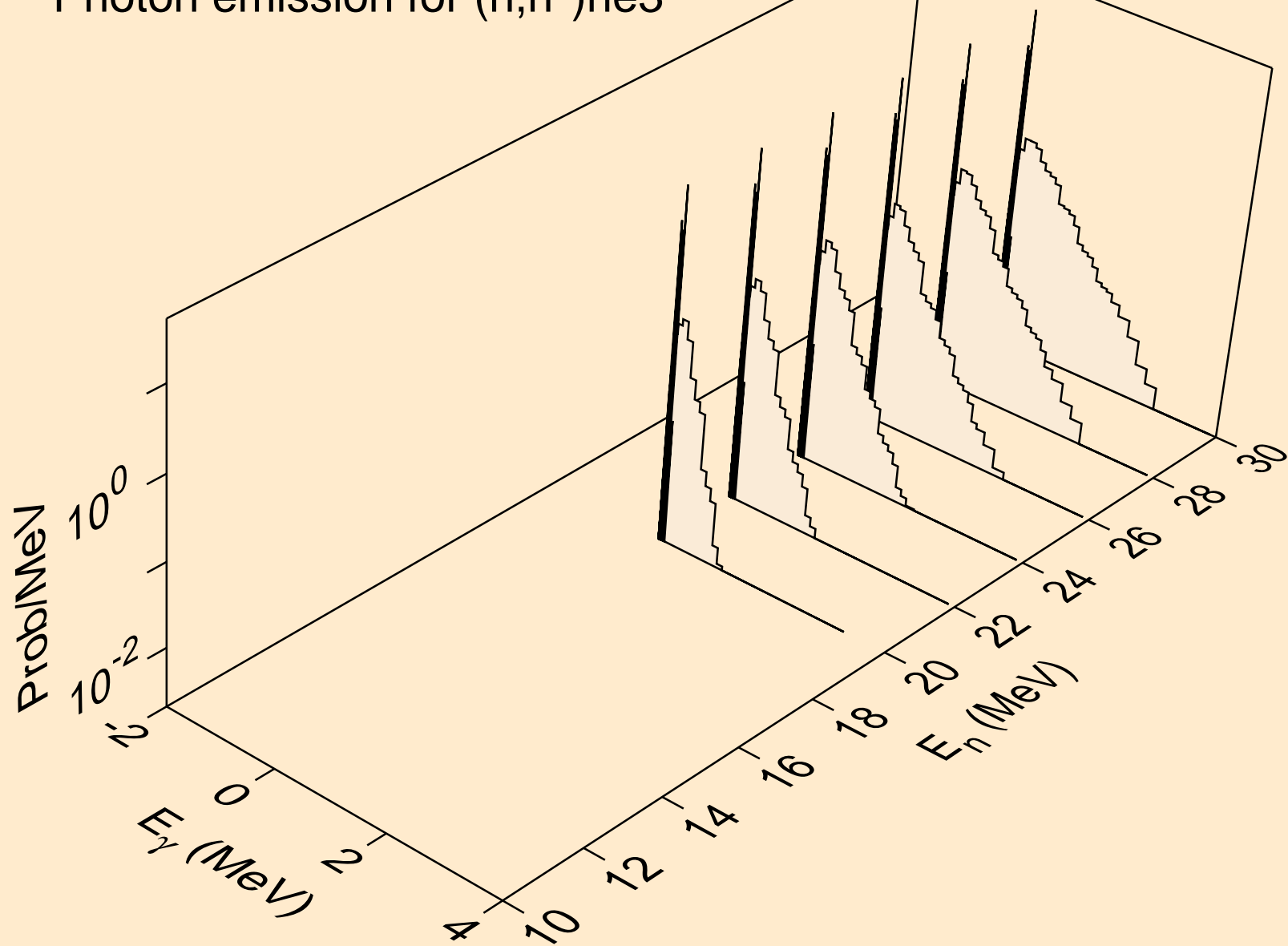
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



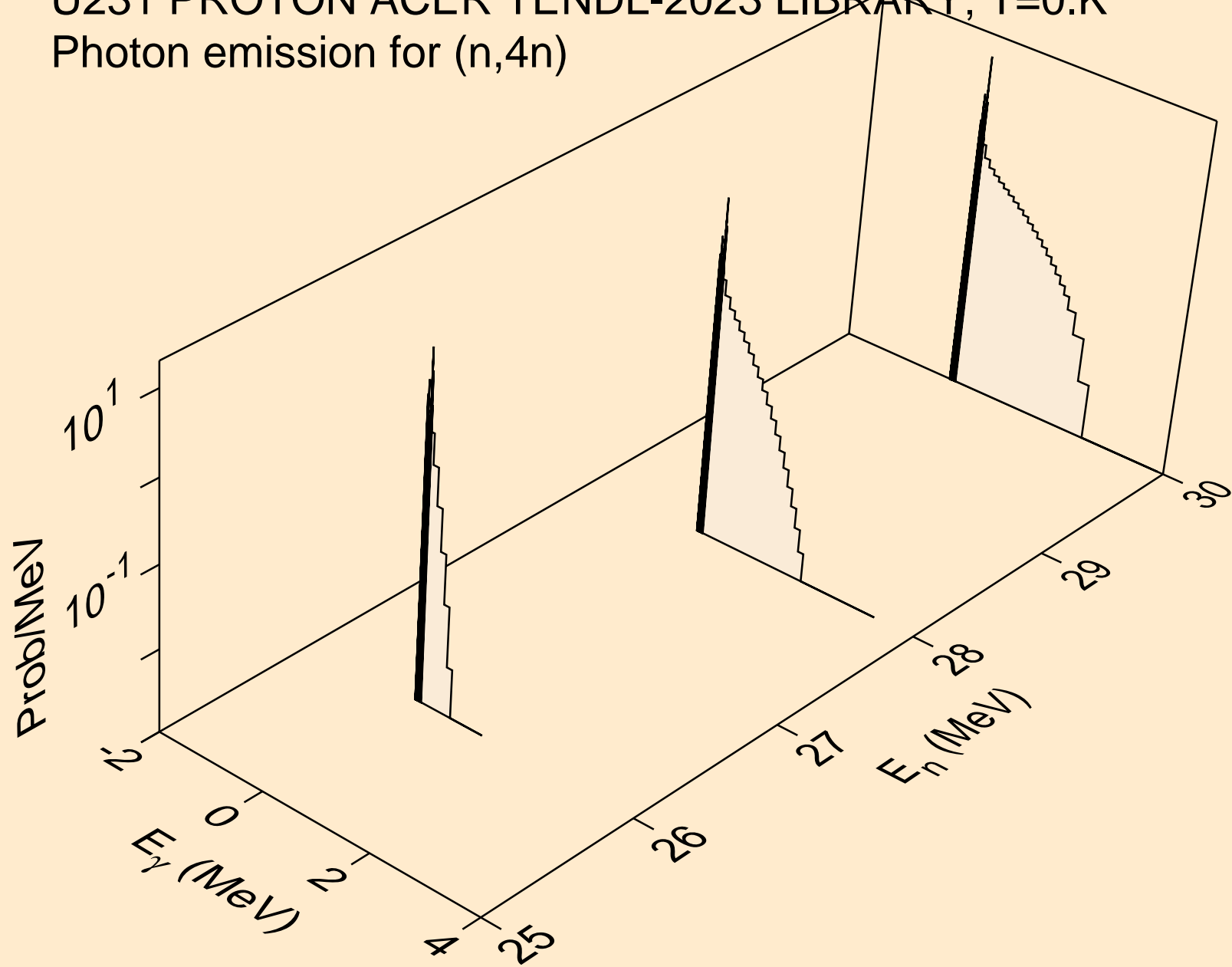
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



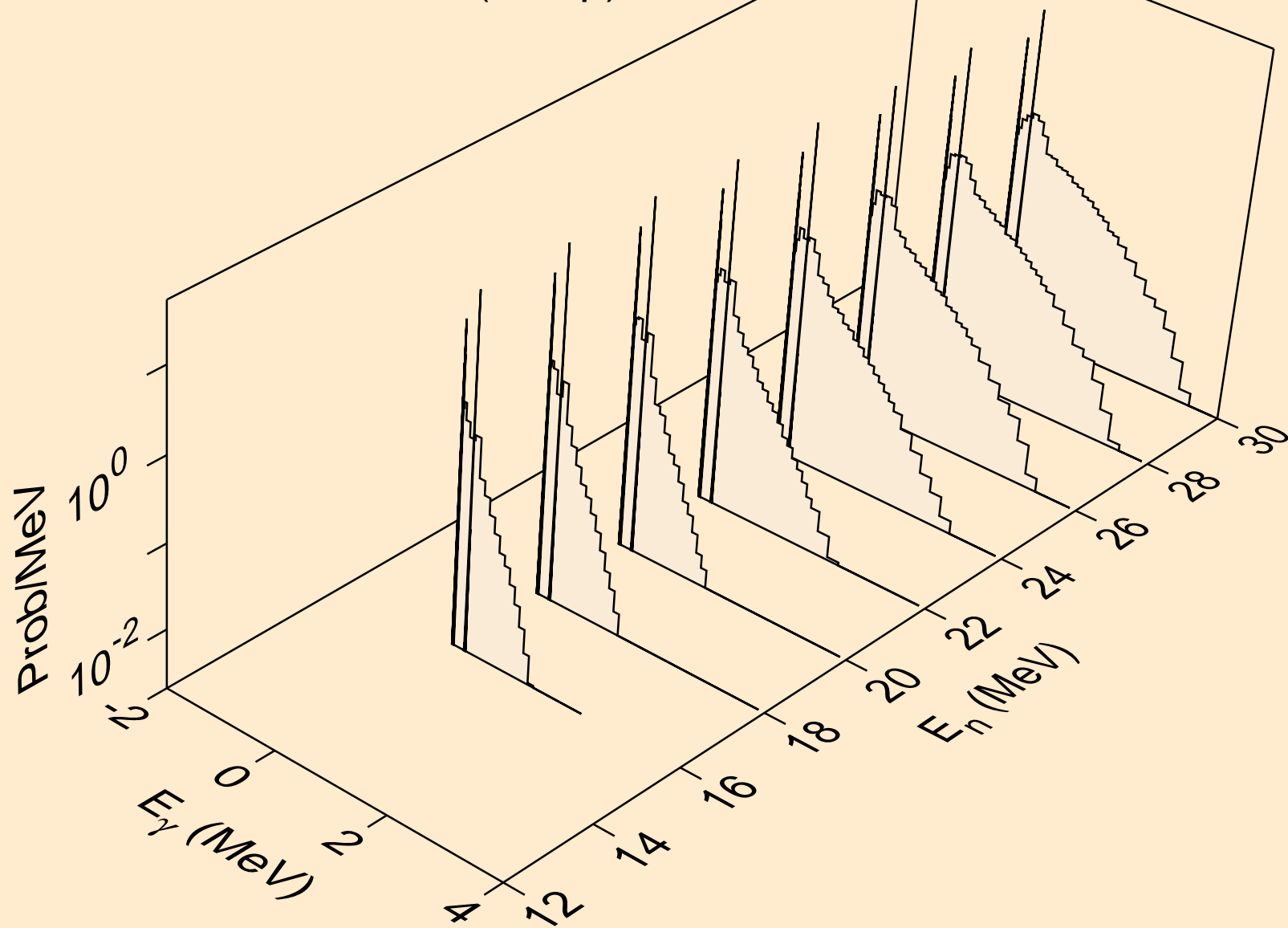
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



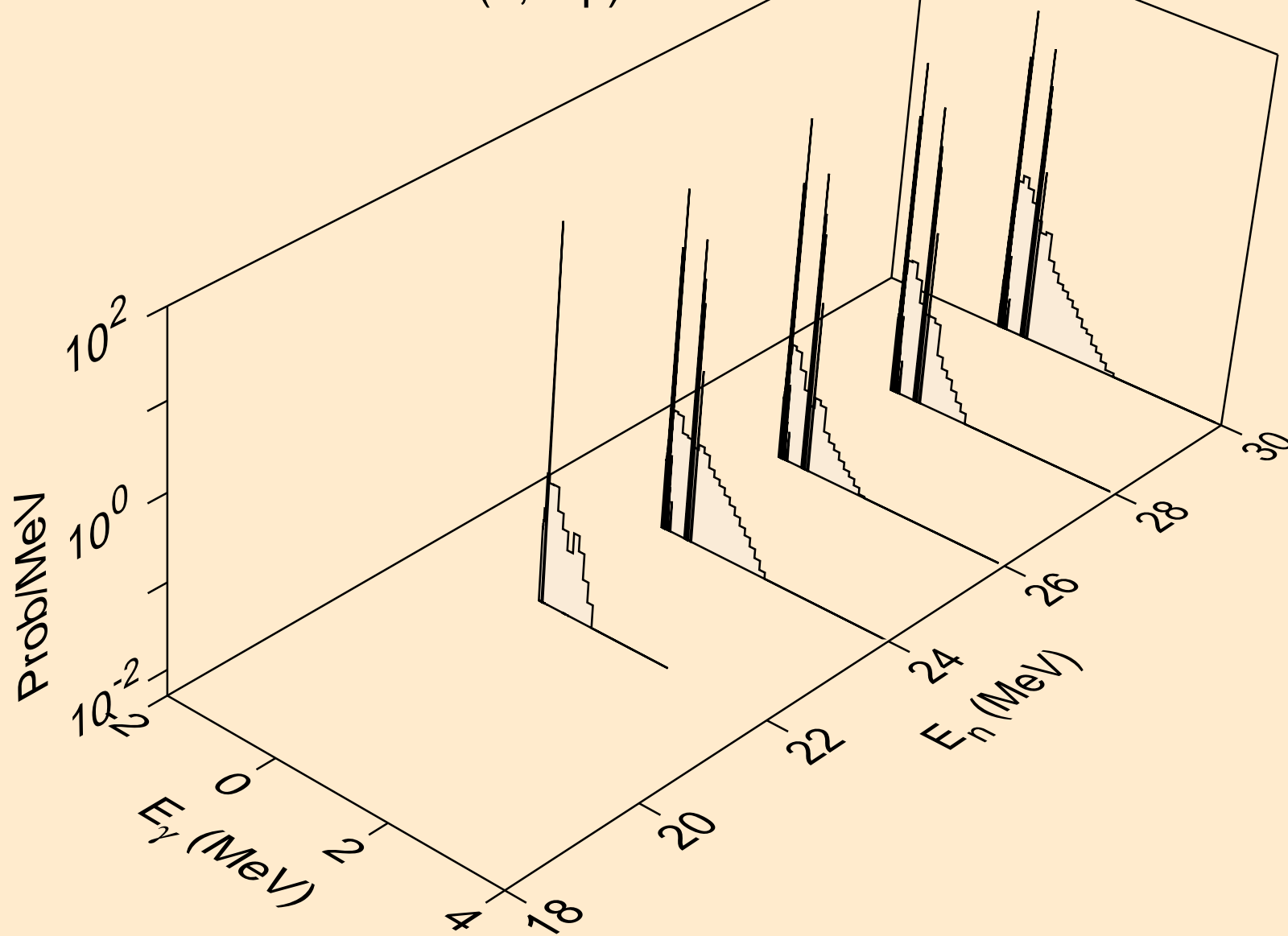
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



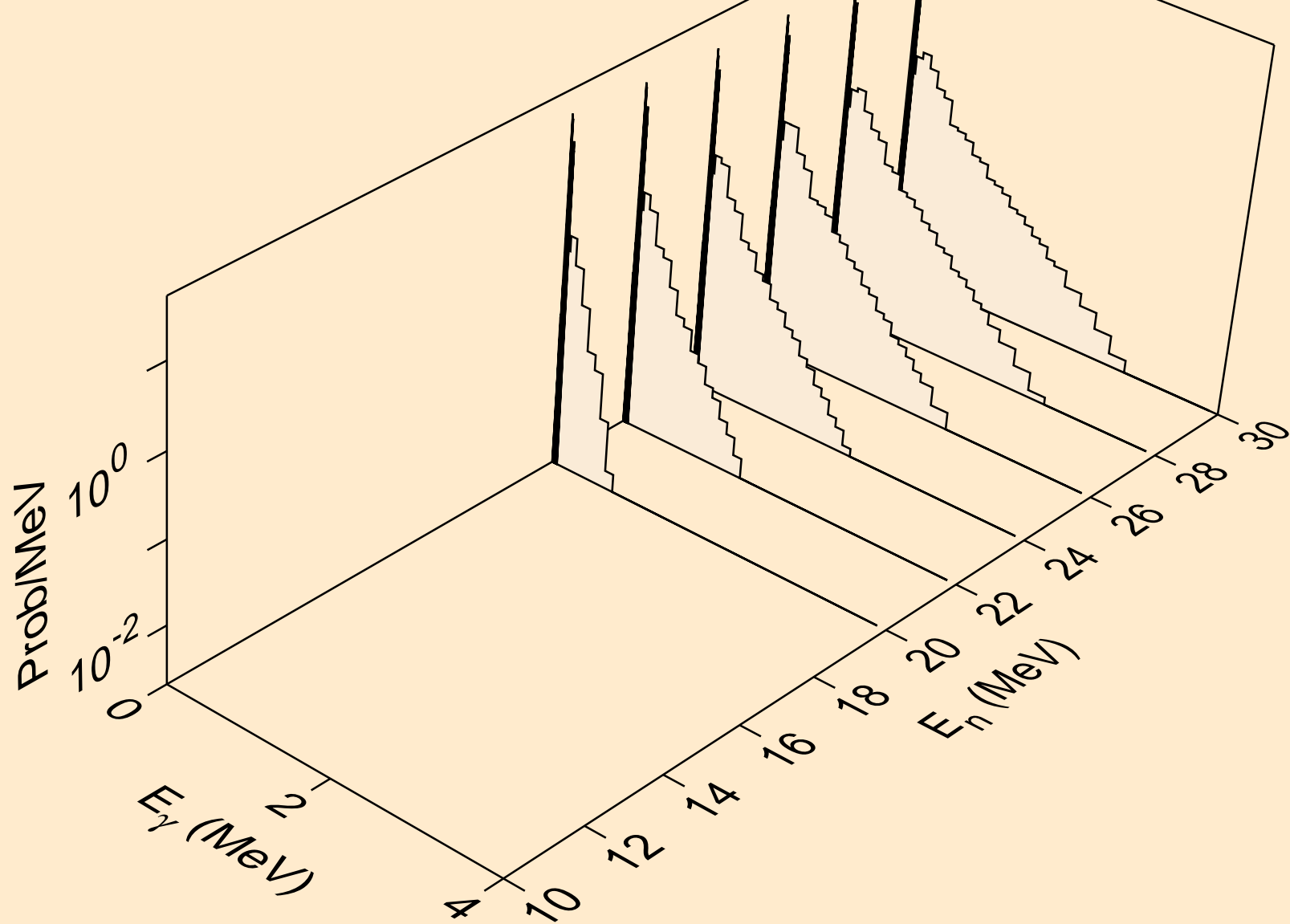
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Photon emission for (n,2np)



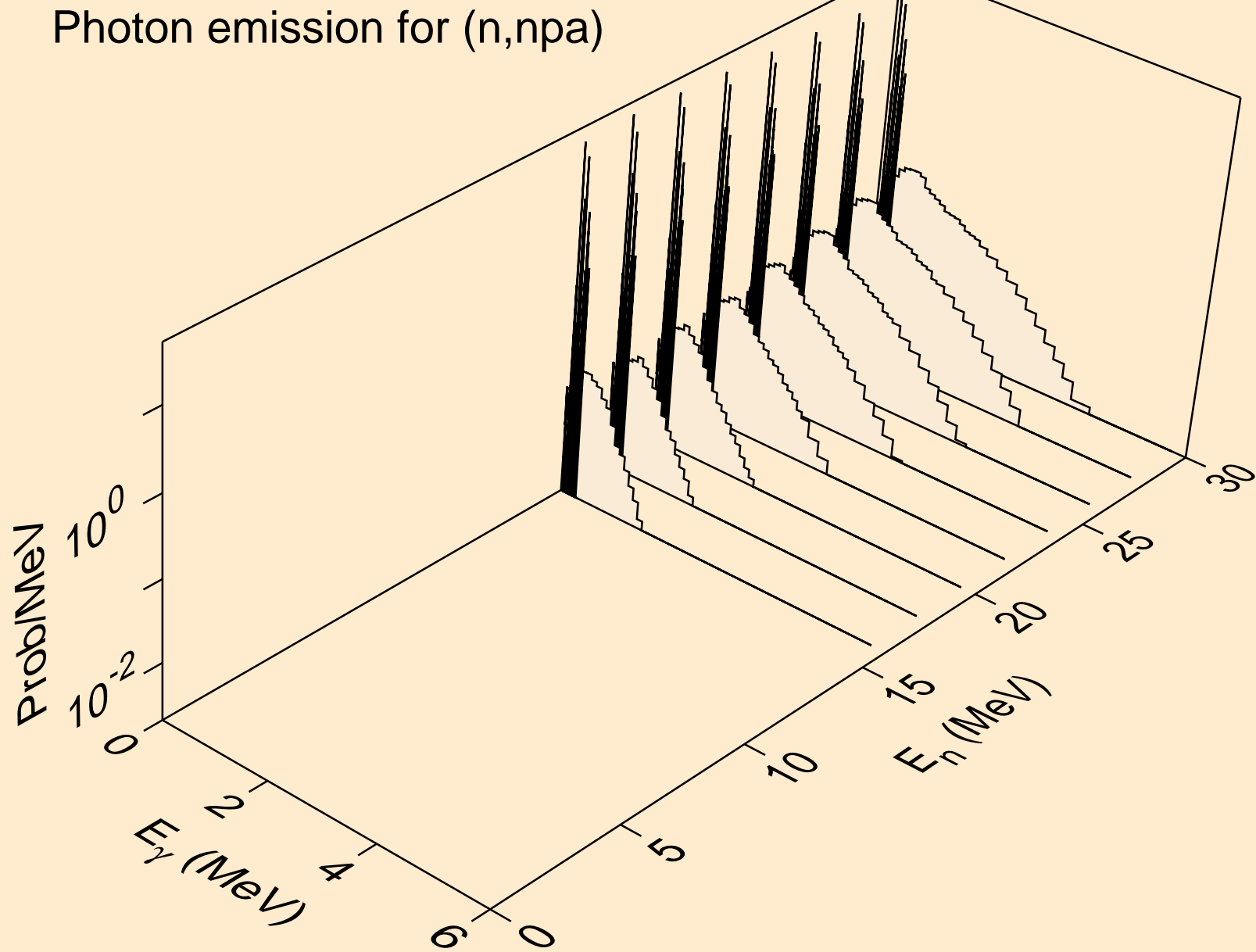
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Photon emission for (n,3np)



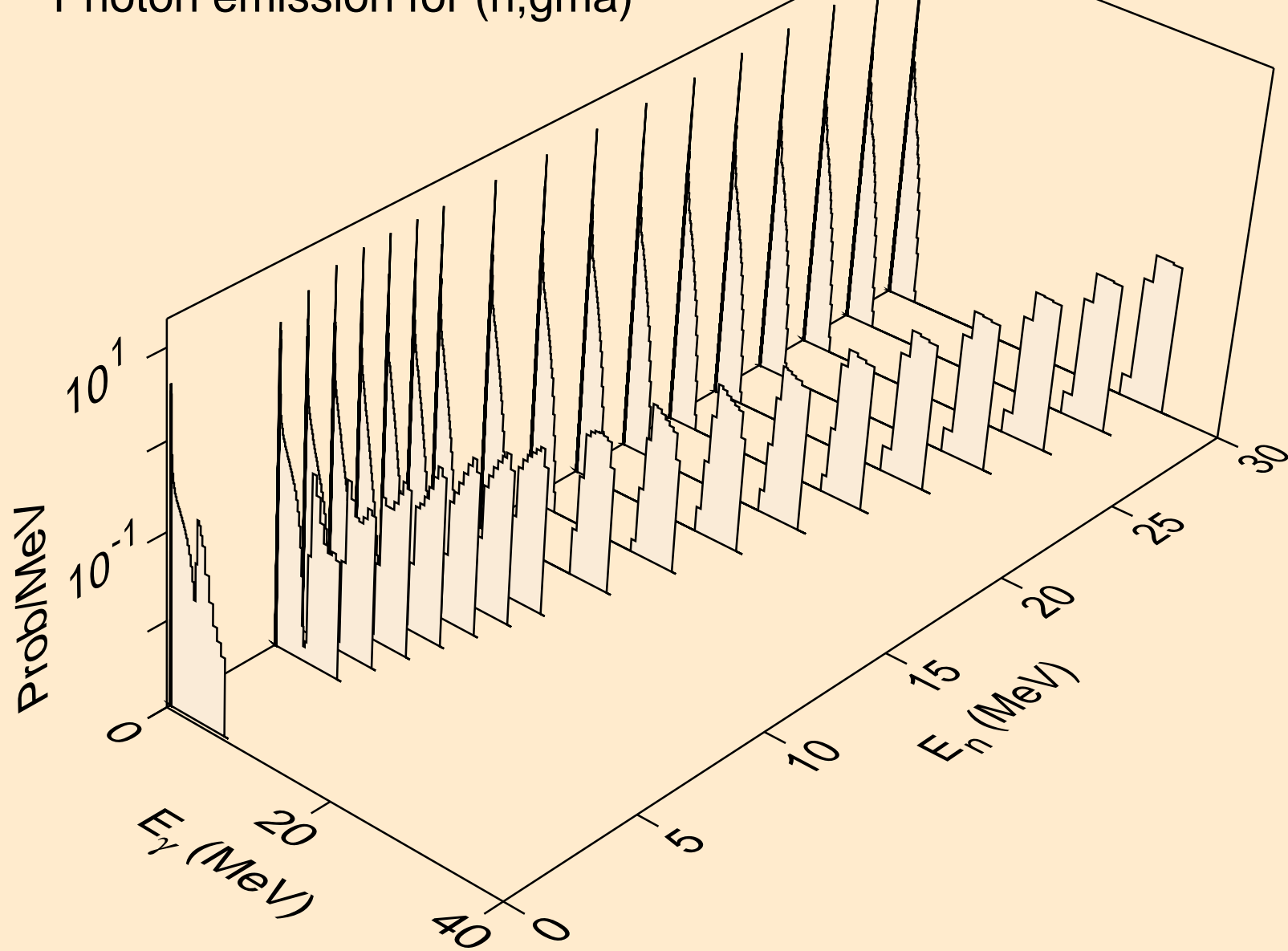
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



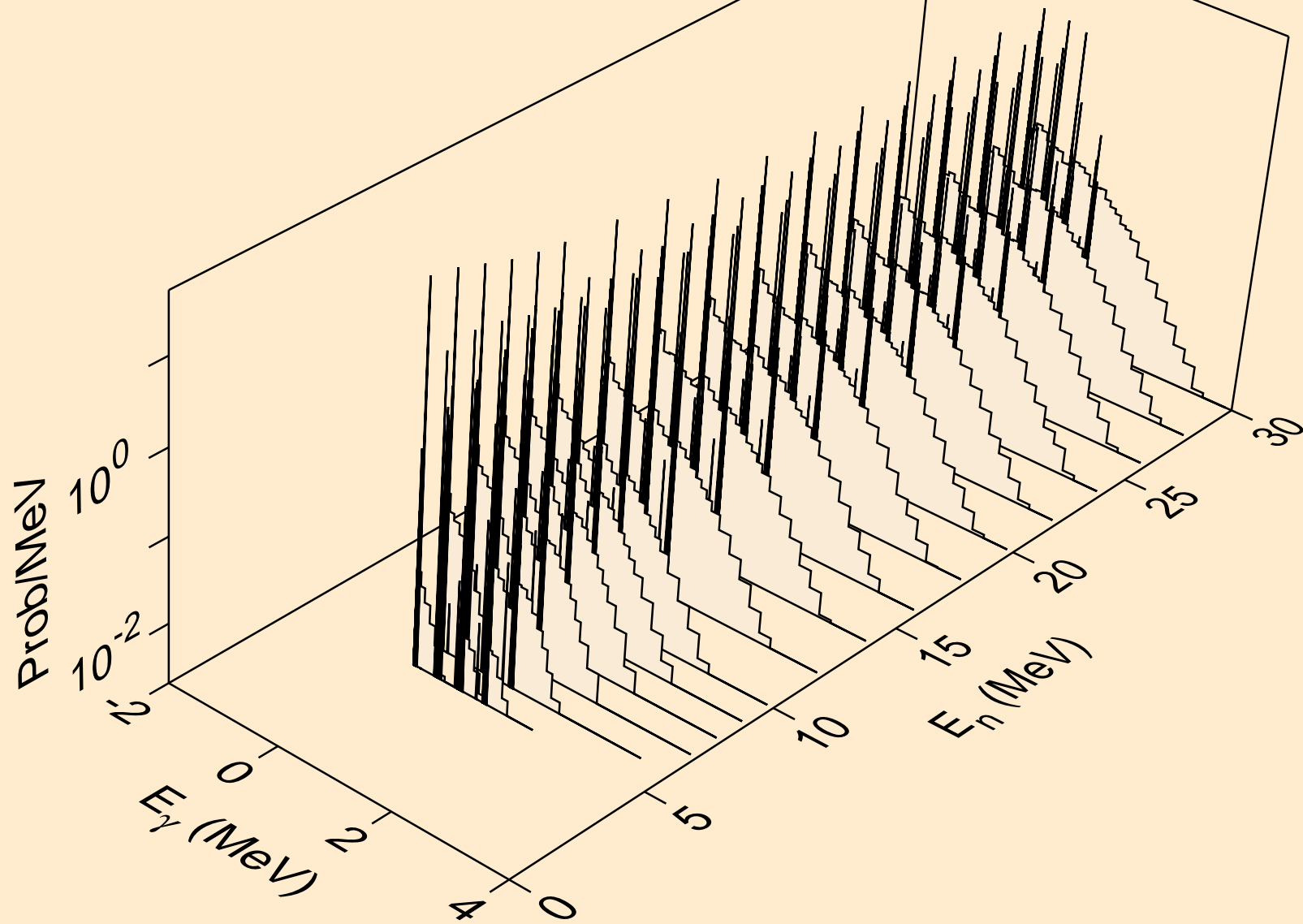
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Photon emission for (n,npa)



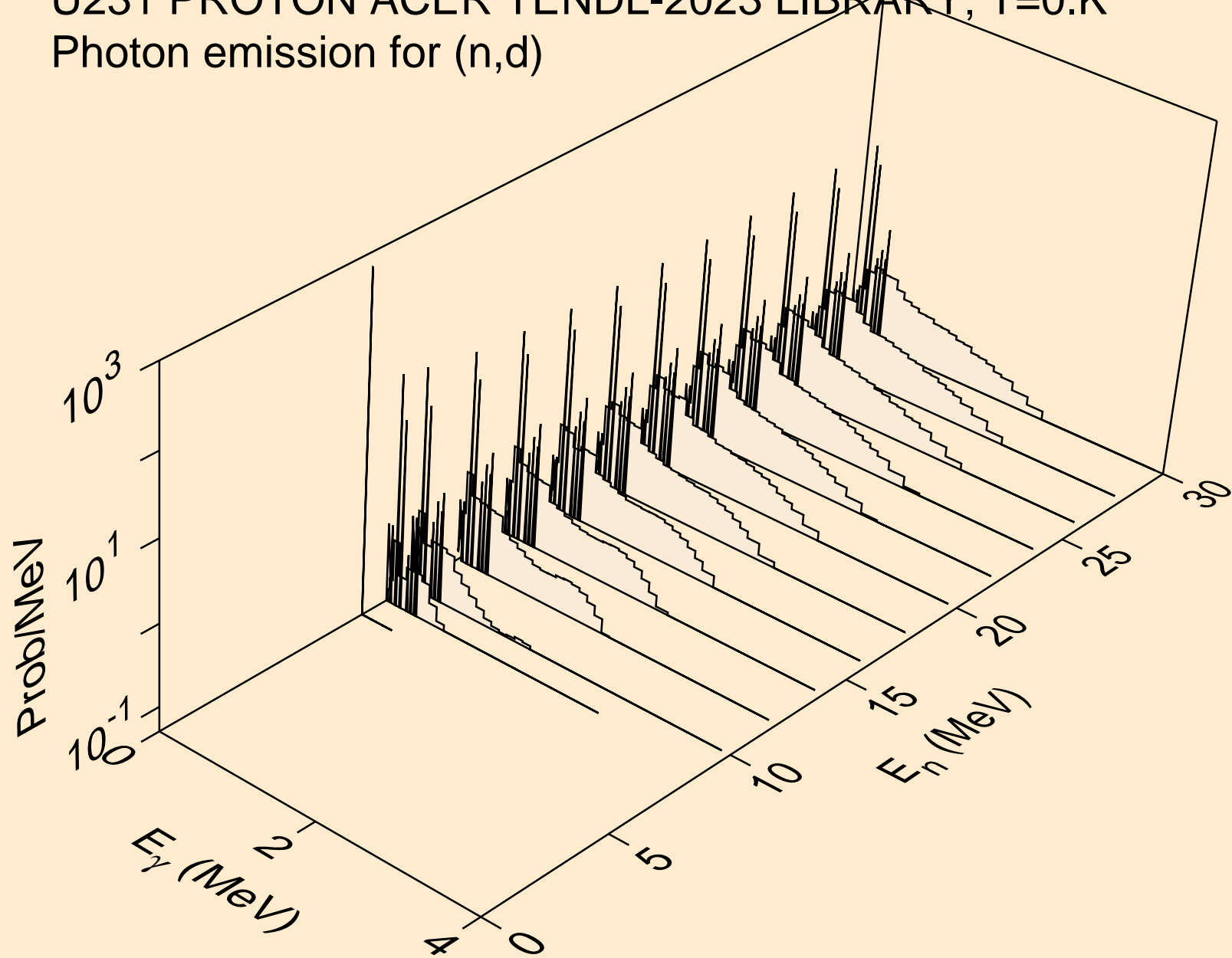
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



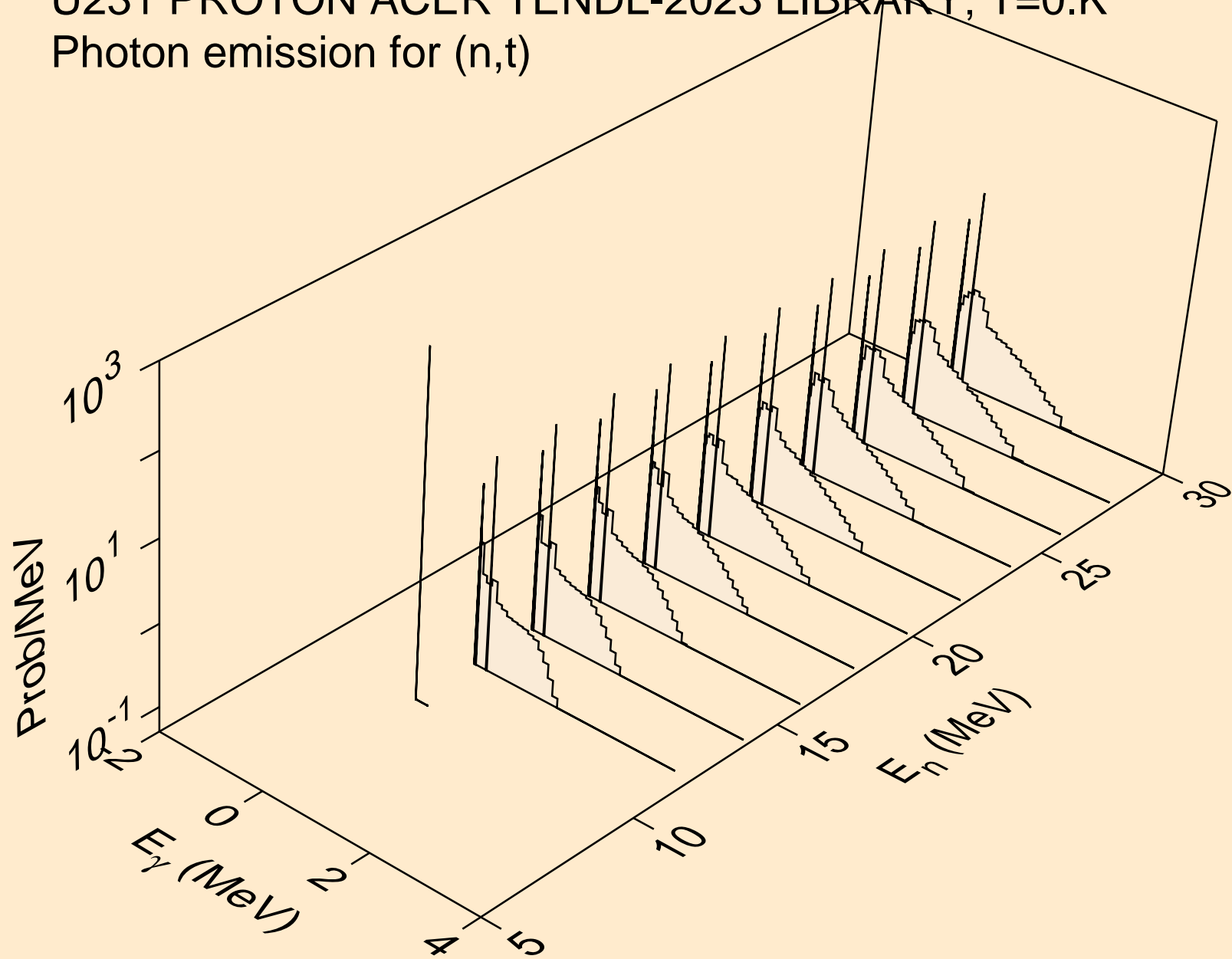
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



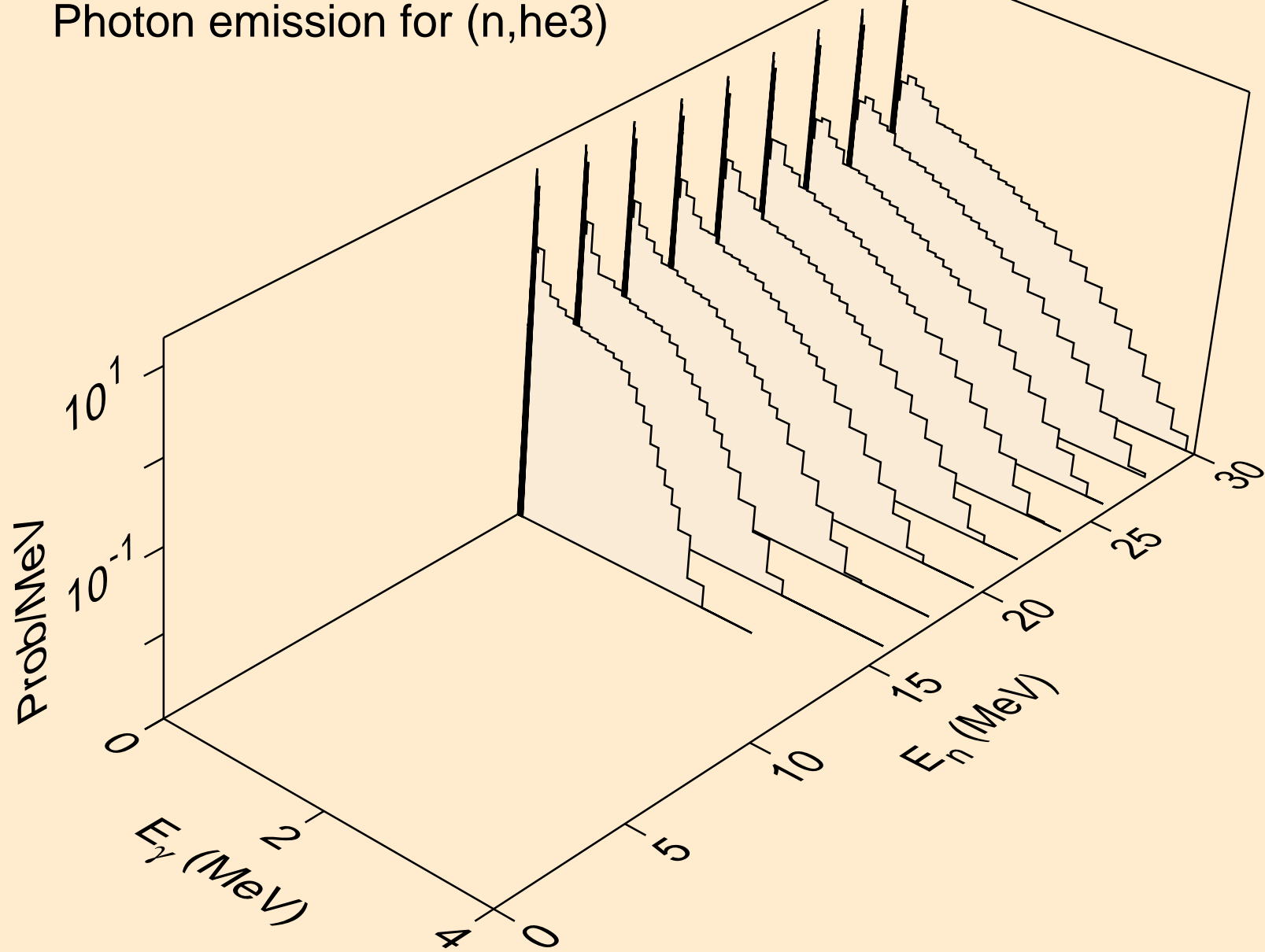
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



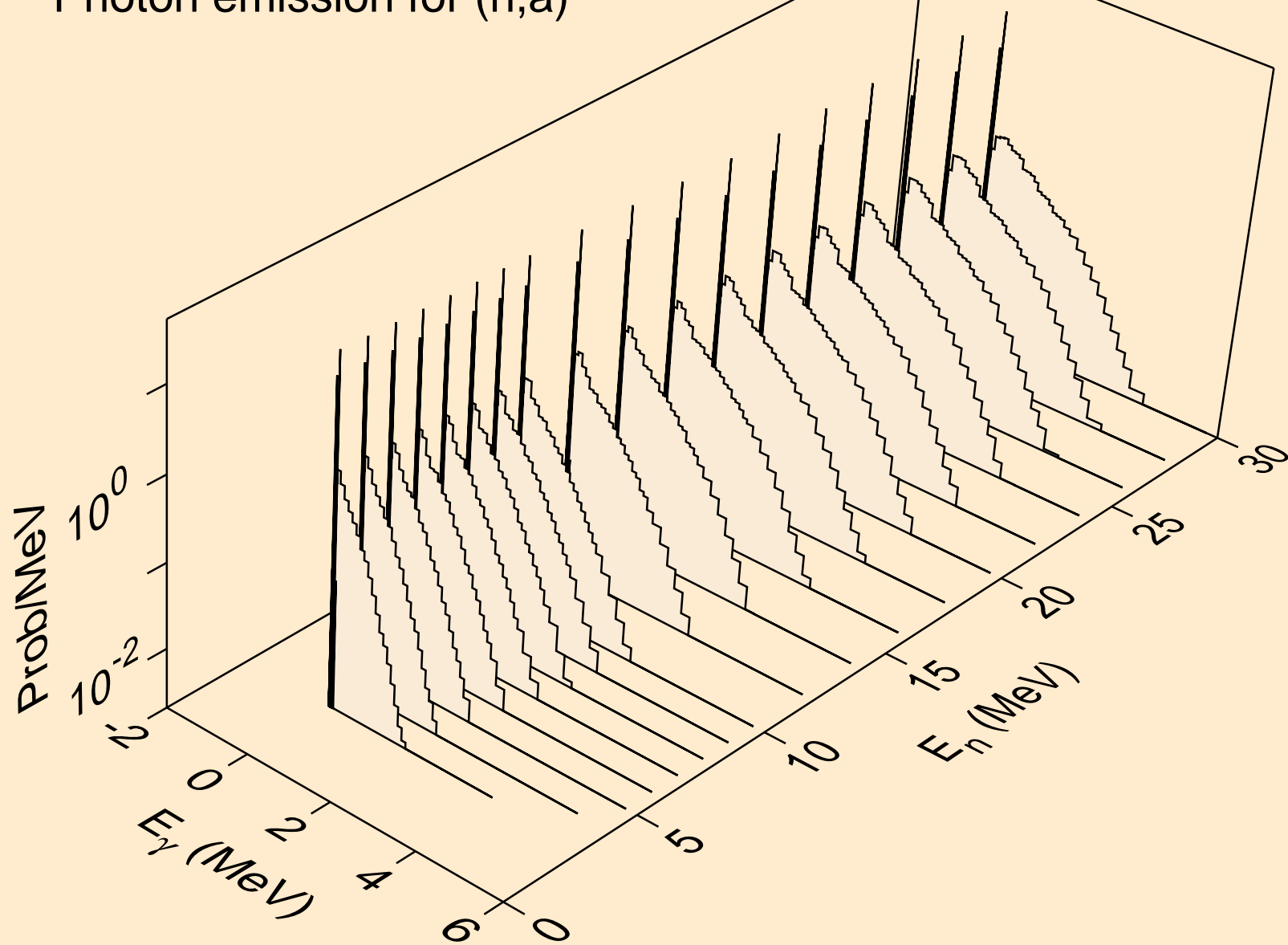
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Photon emission for (n,t)



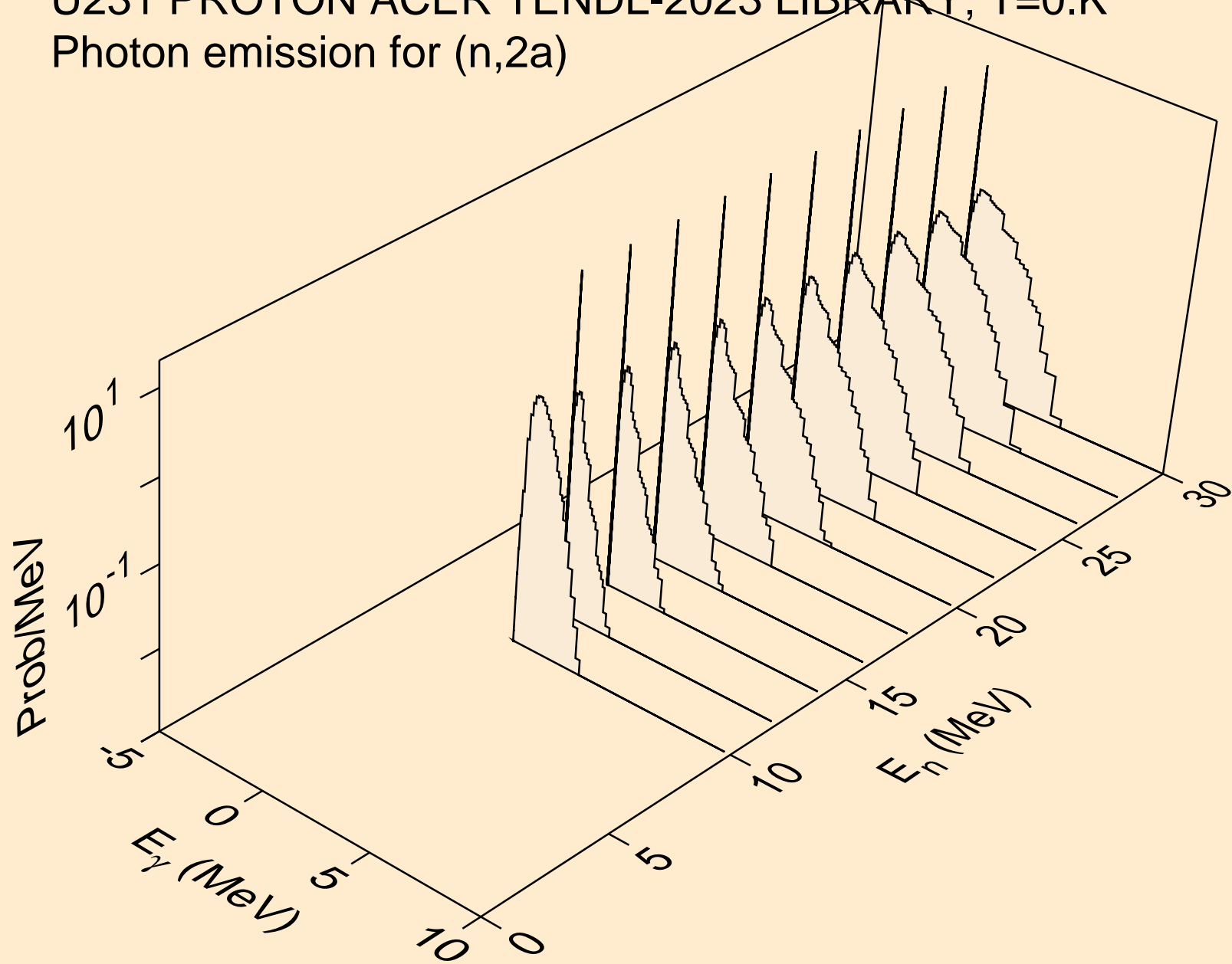
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Photon emission for (n,he3)



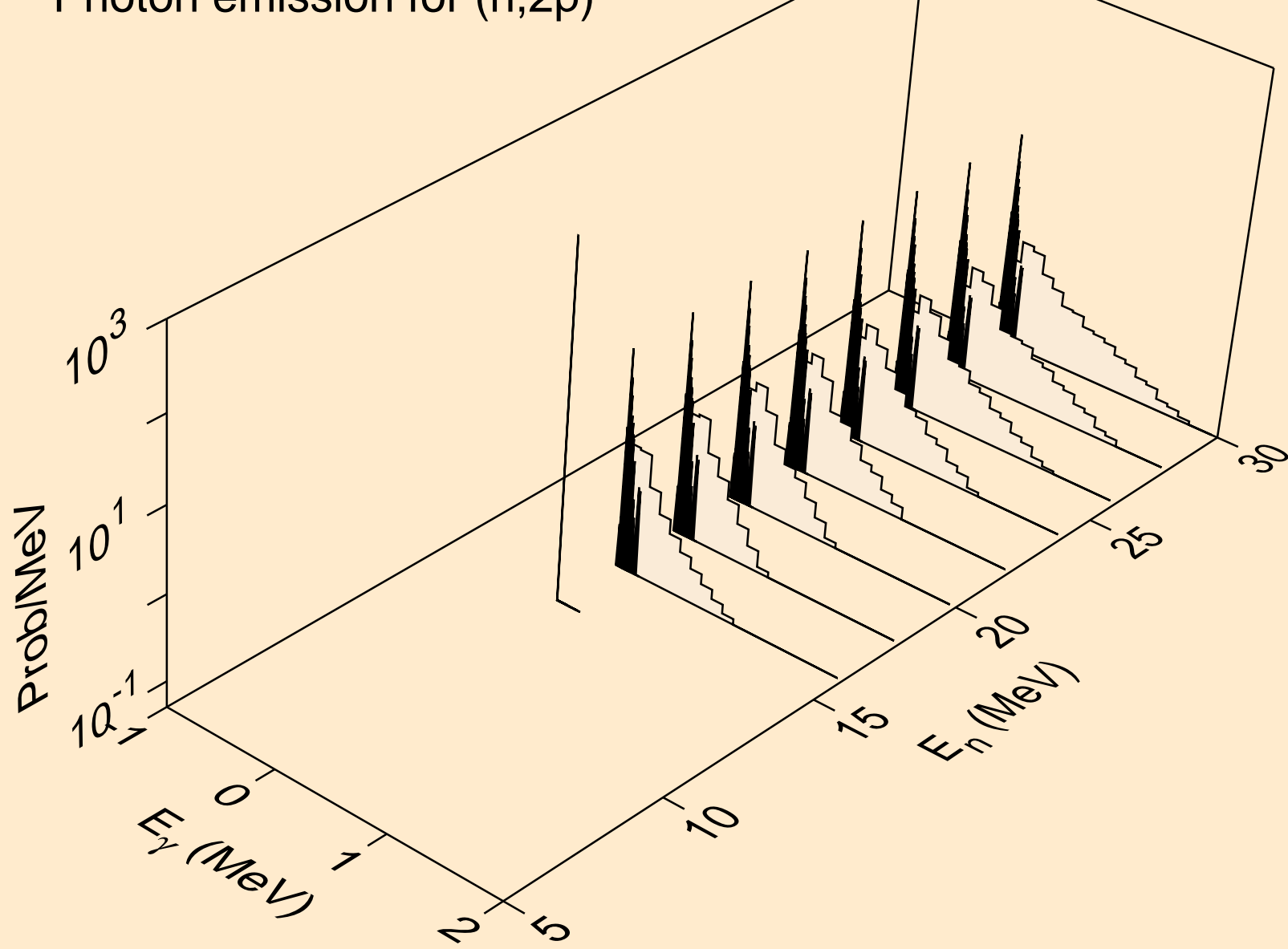
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Photon emission for (n,a)



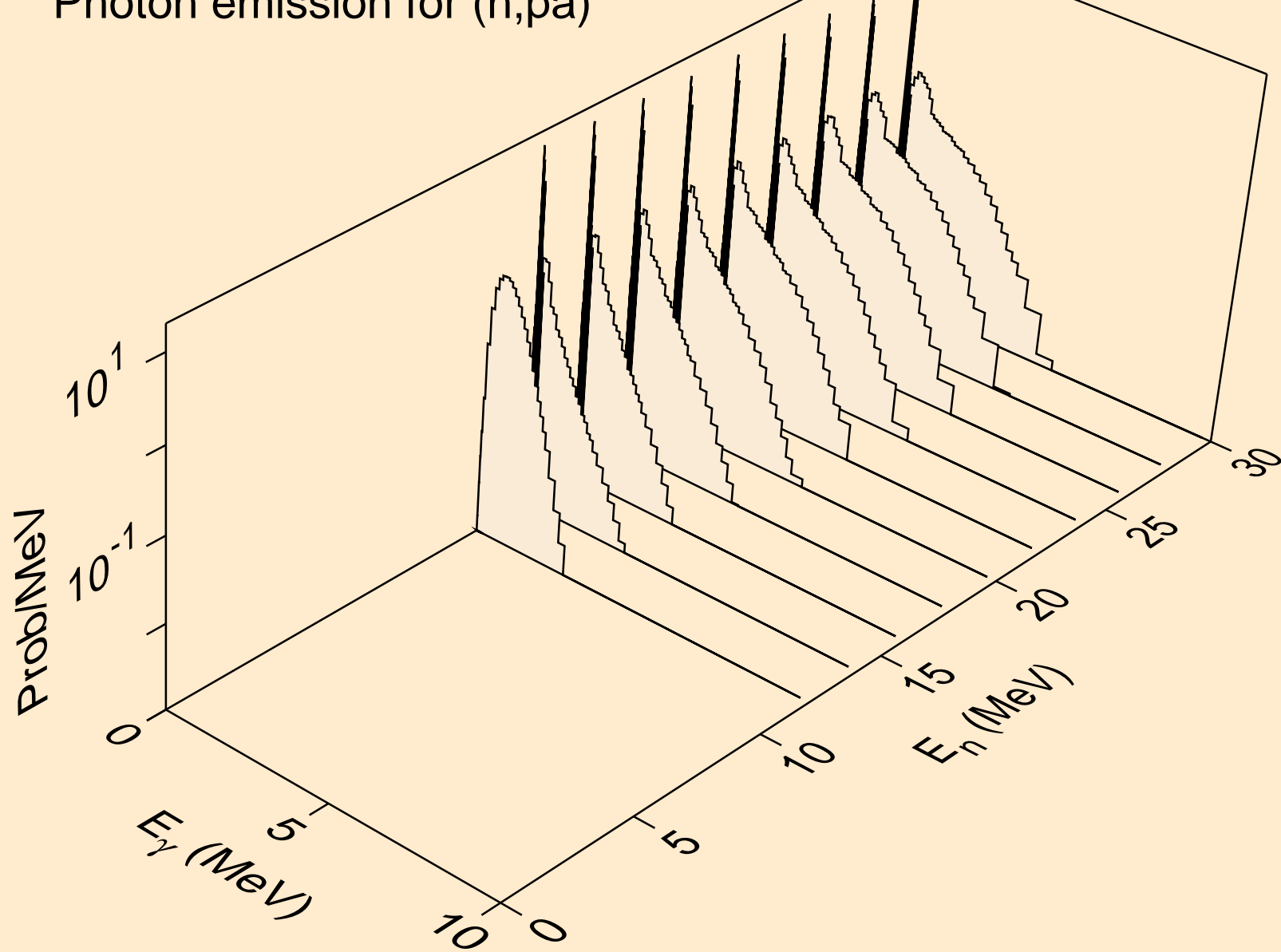
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Photon emission for (n,2a)



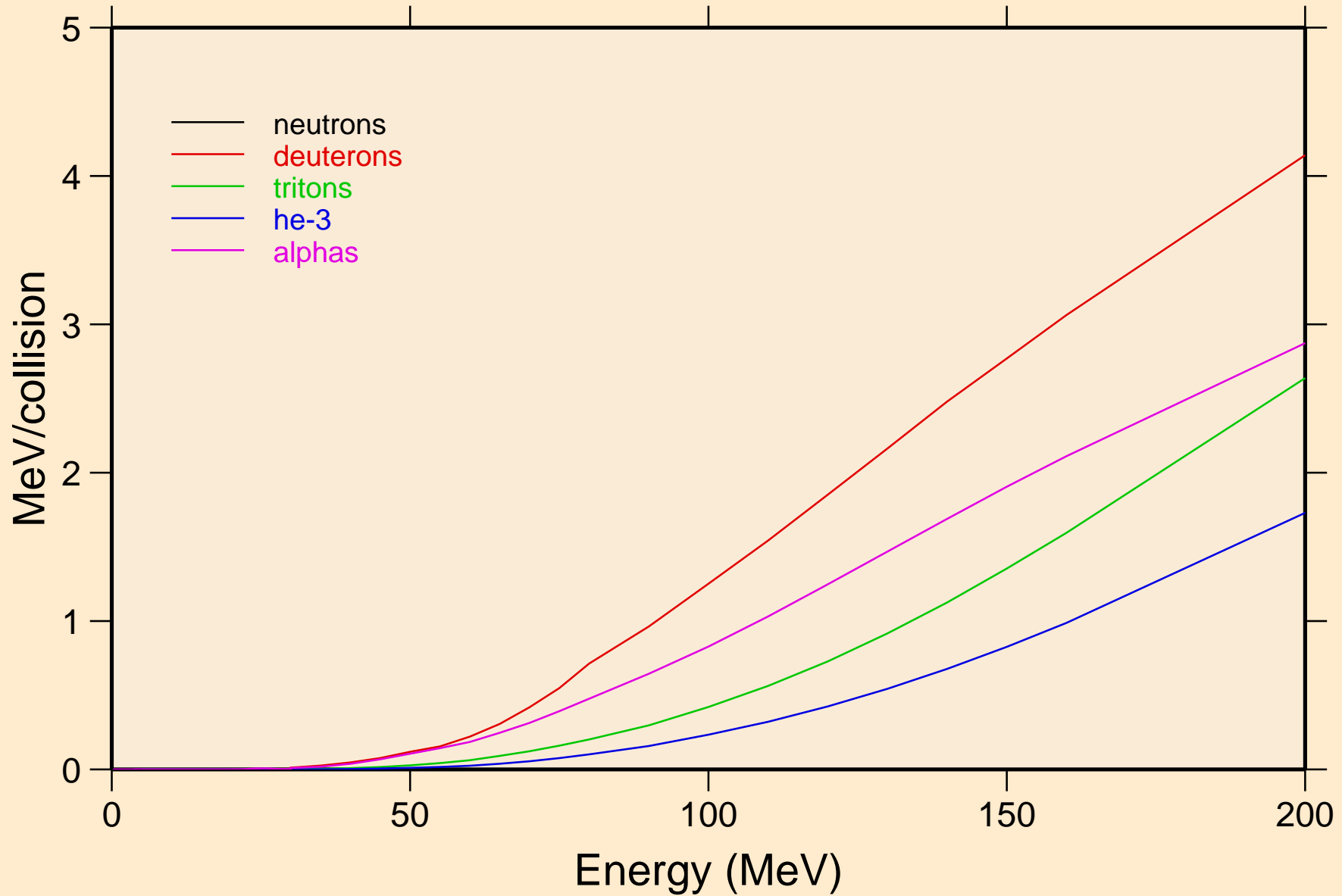
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Photon emission for (n,2p)



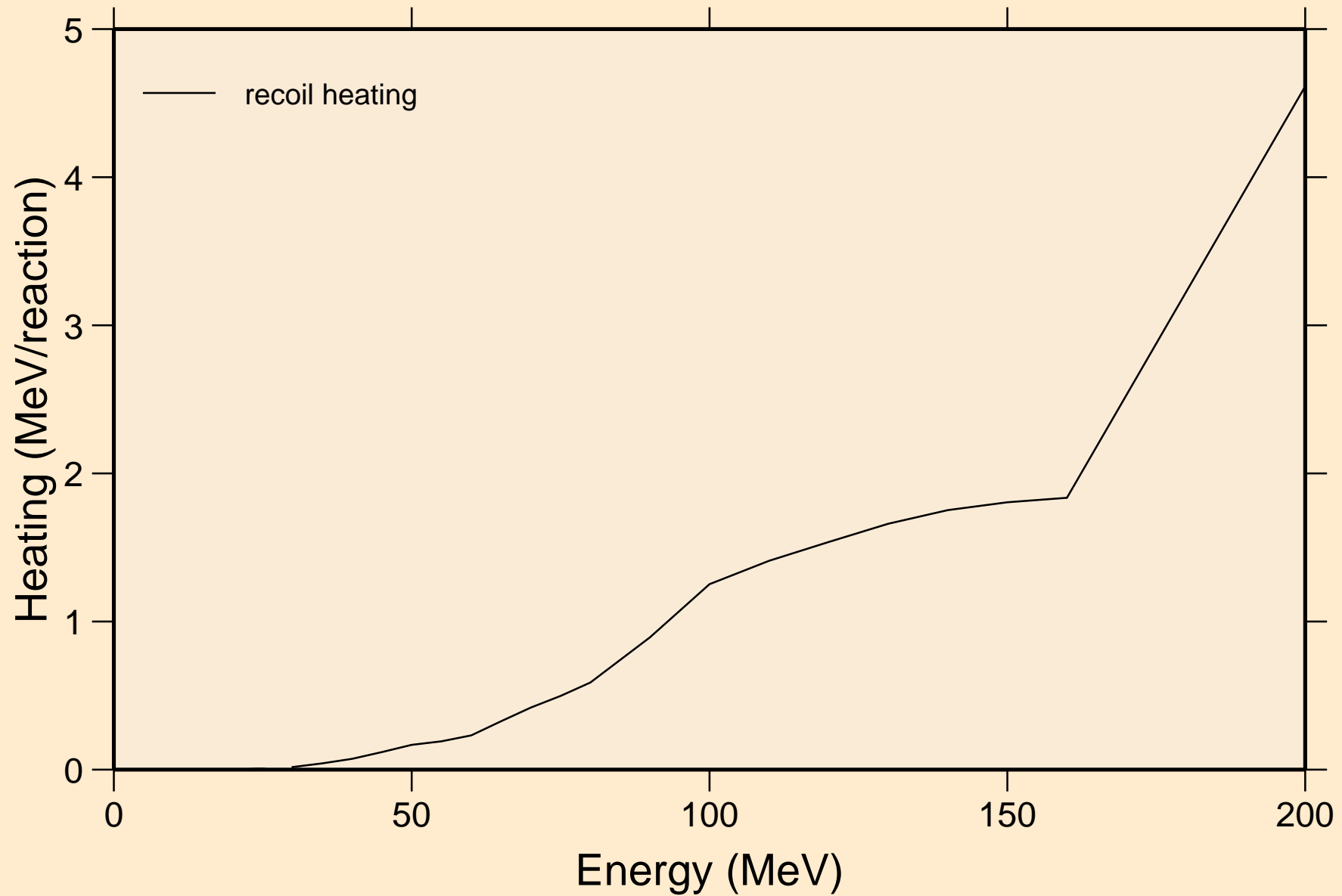
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Photon emission for (n,pa)



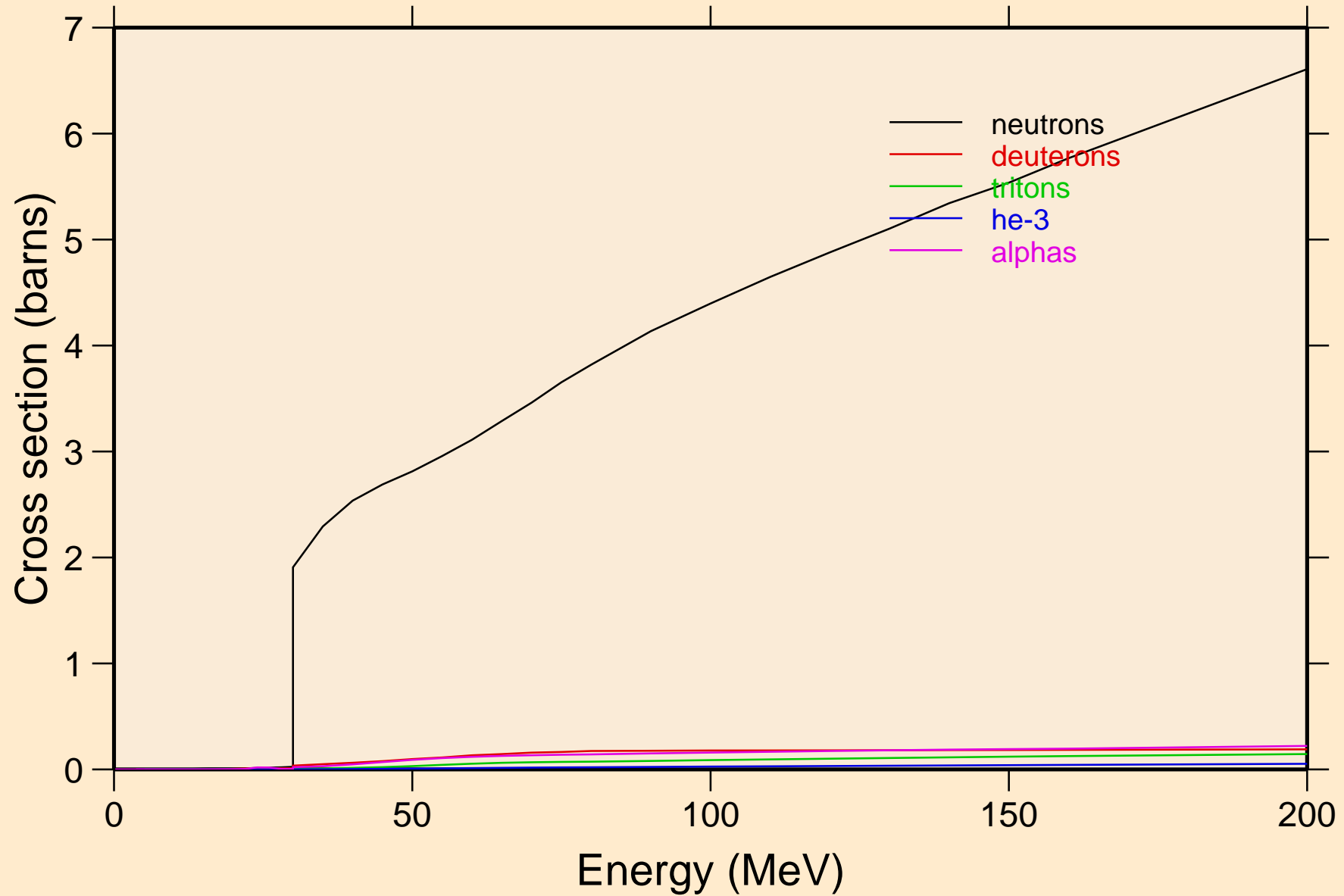
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions



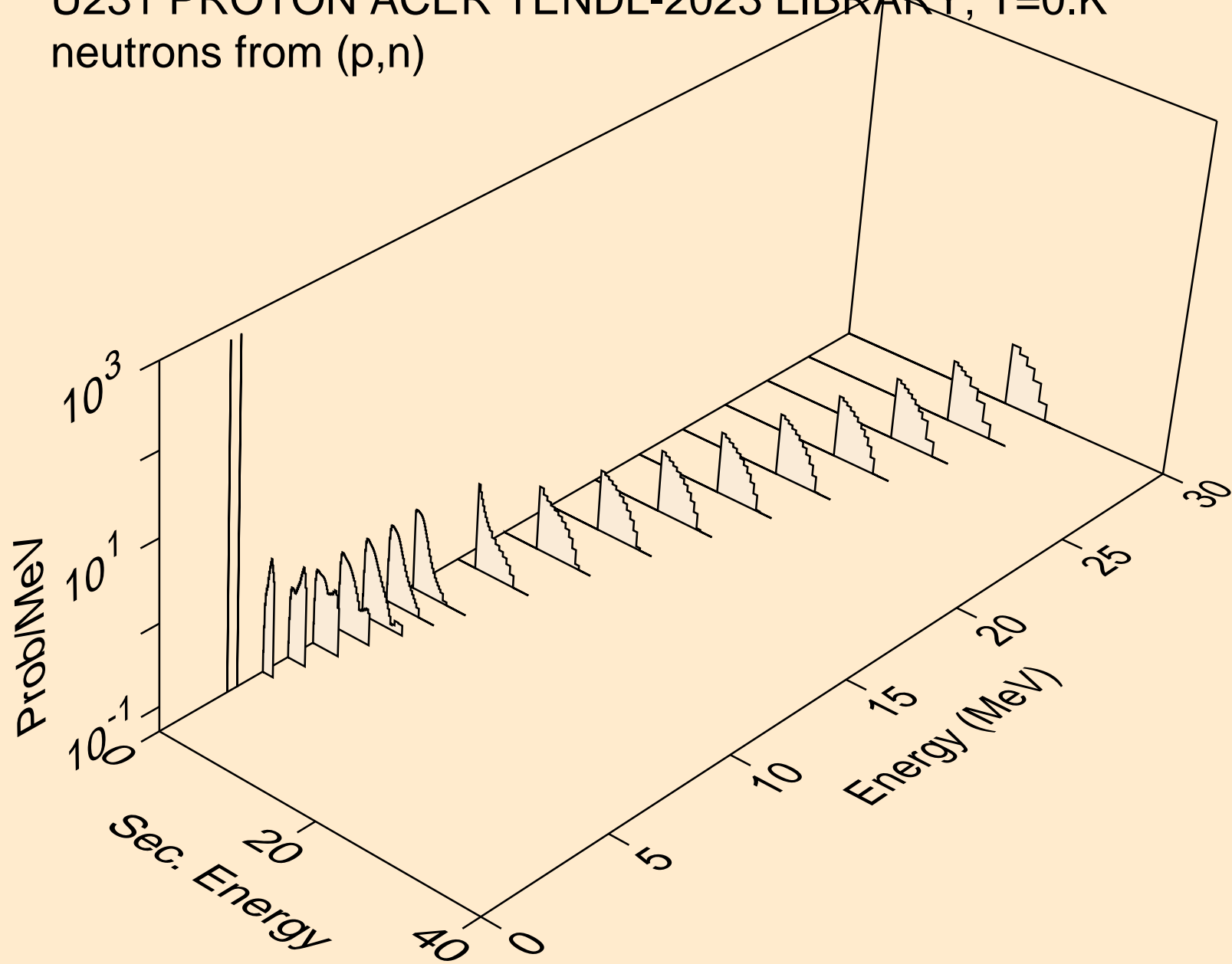
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating



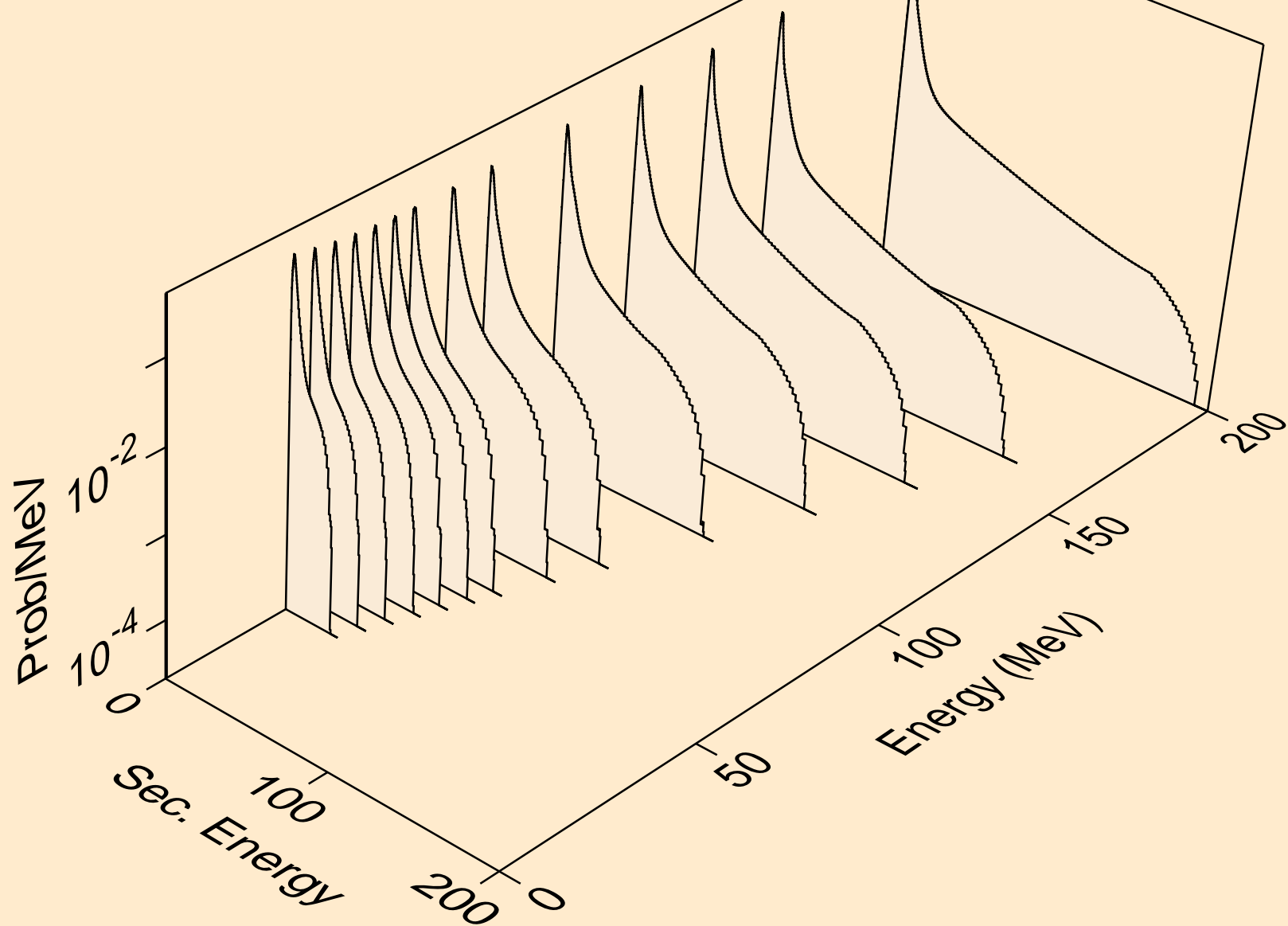
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



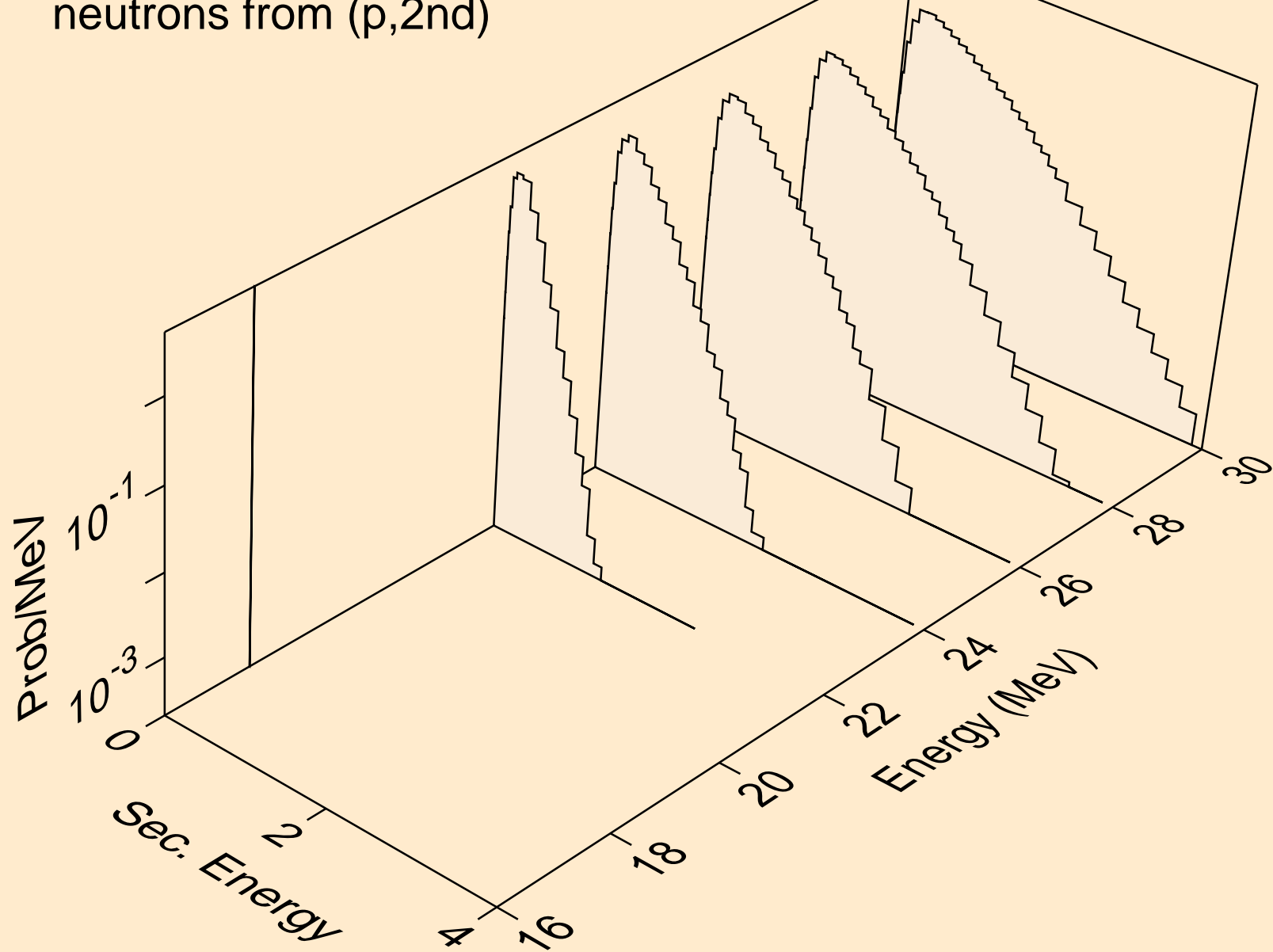
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n)



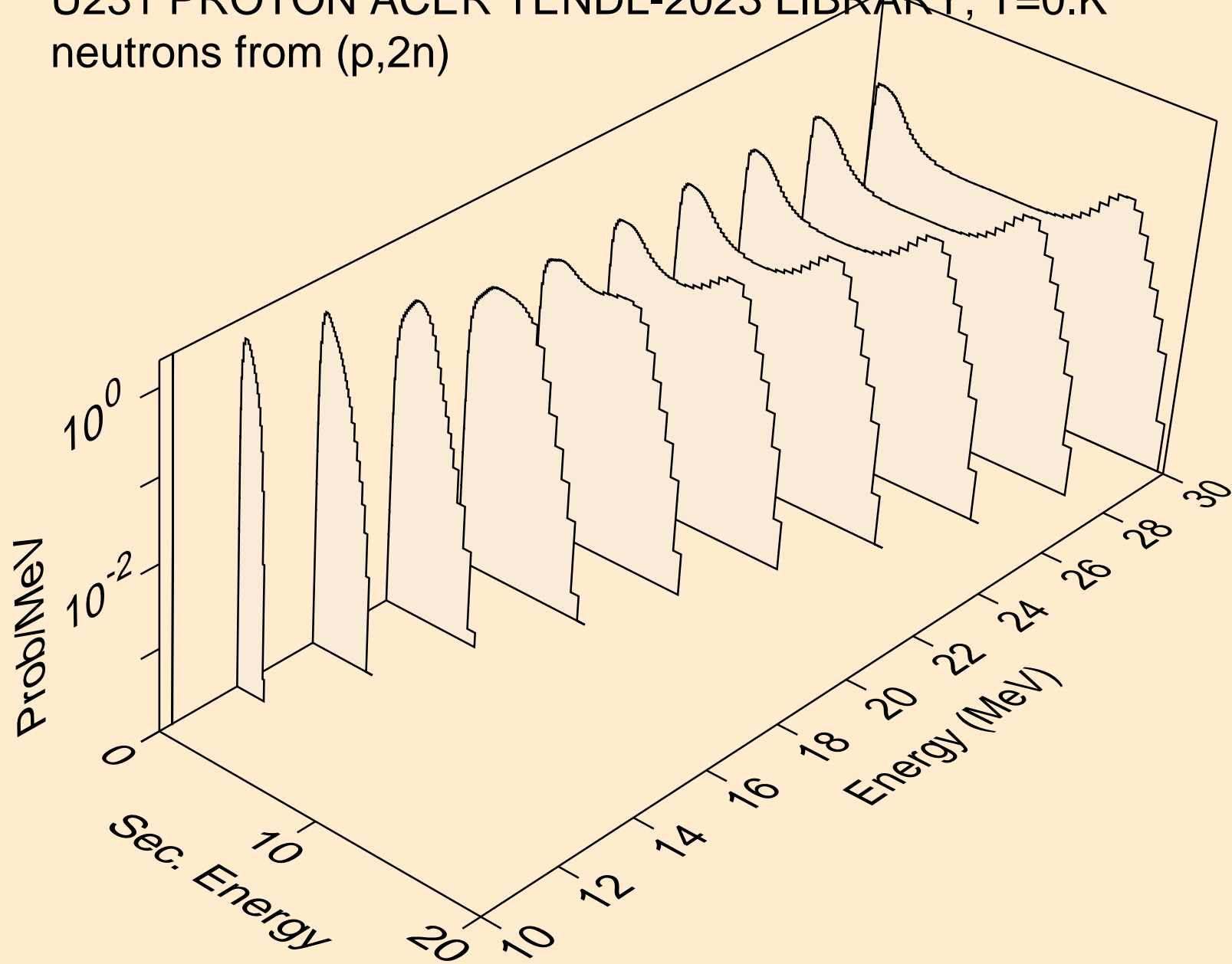
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,x)



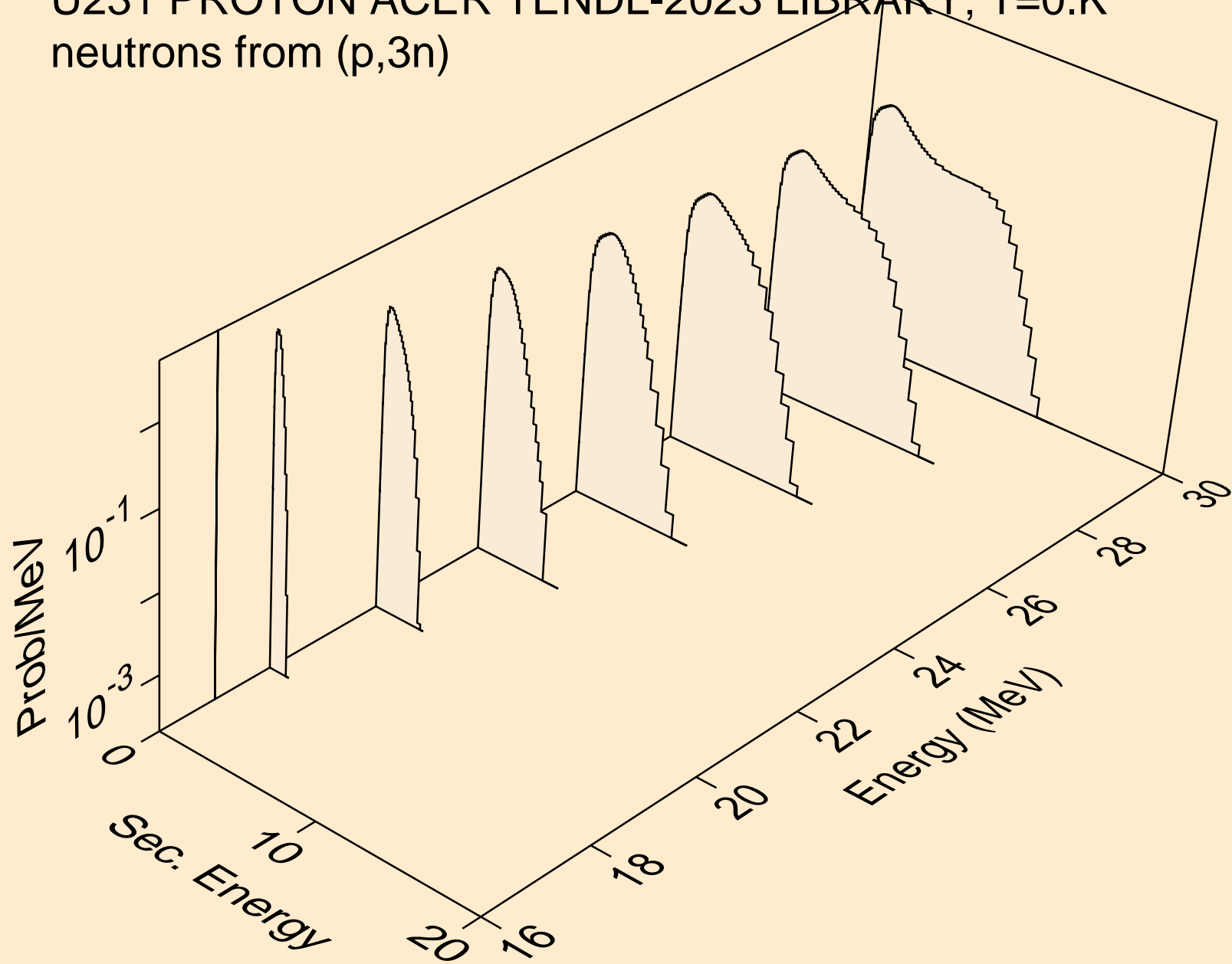
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2nd)



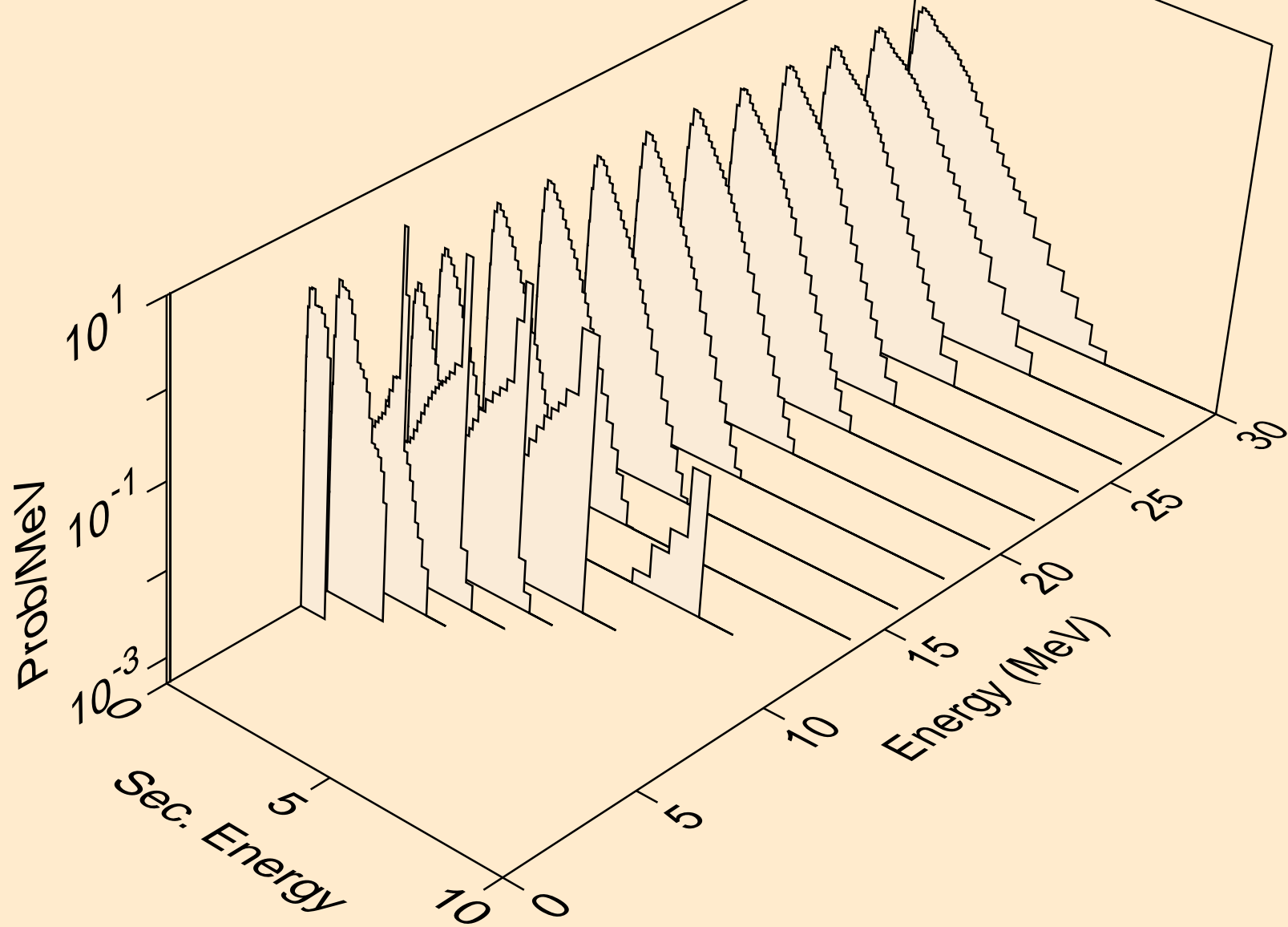
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)



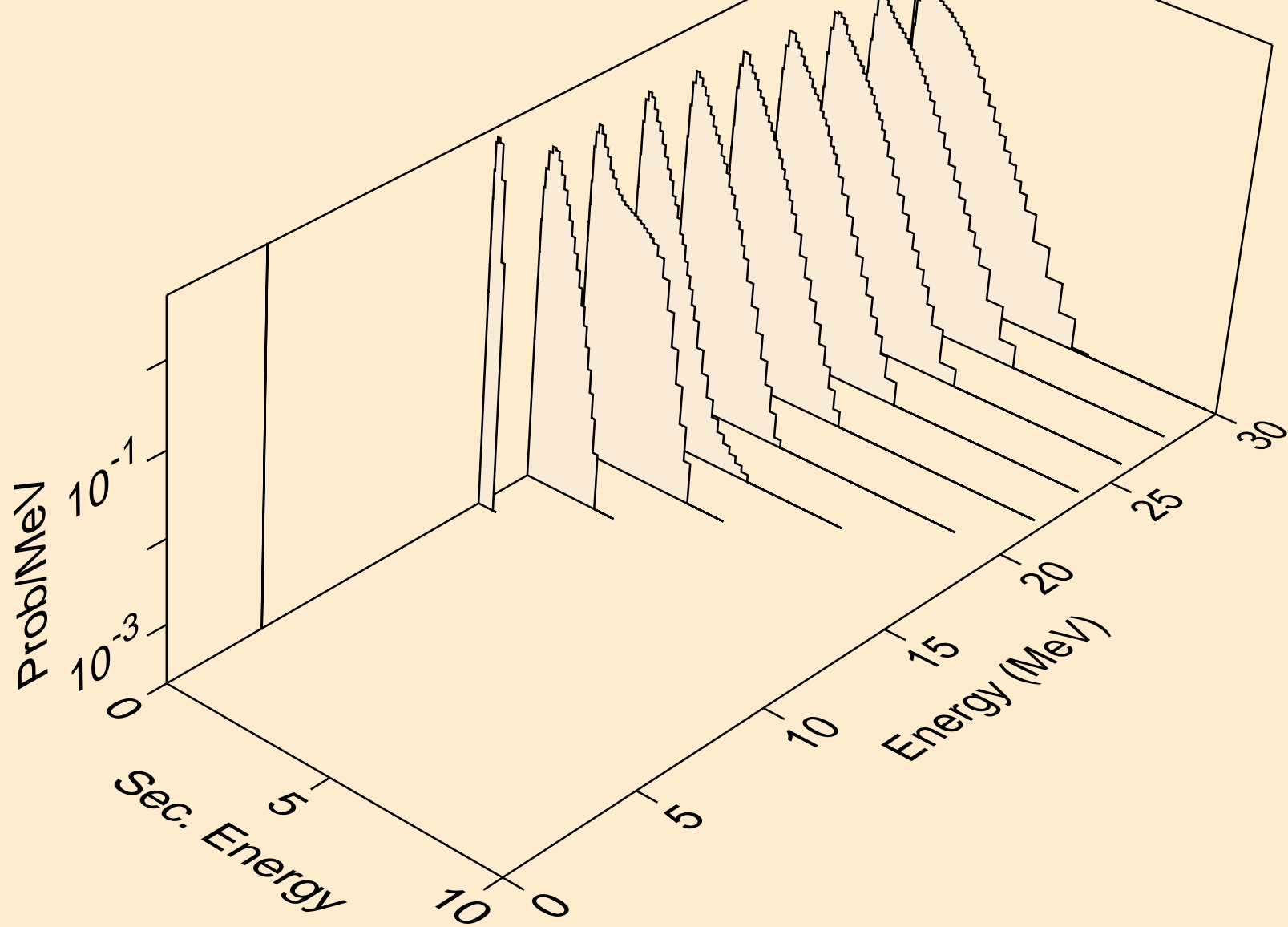
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)



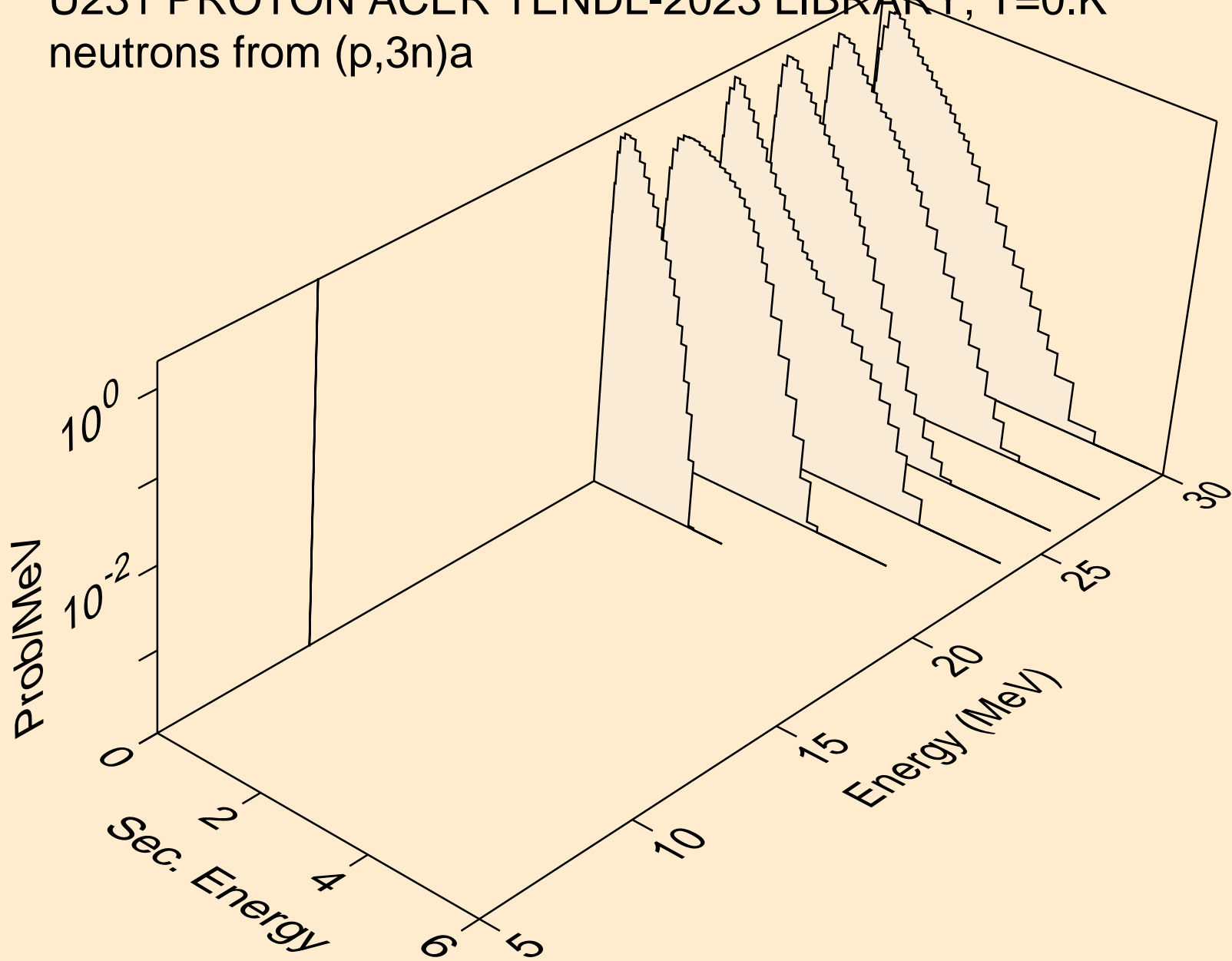
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)a



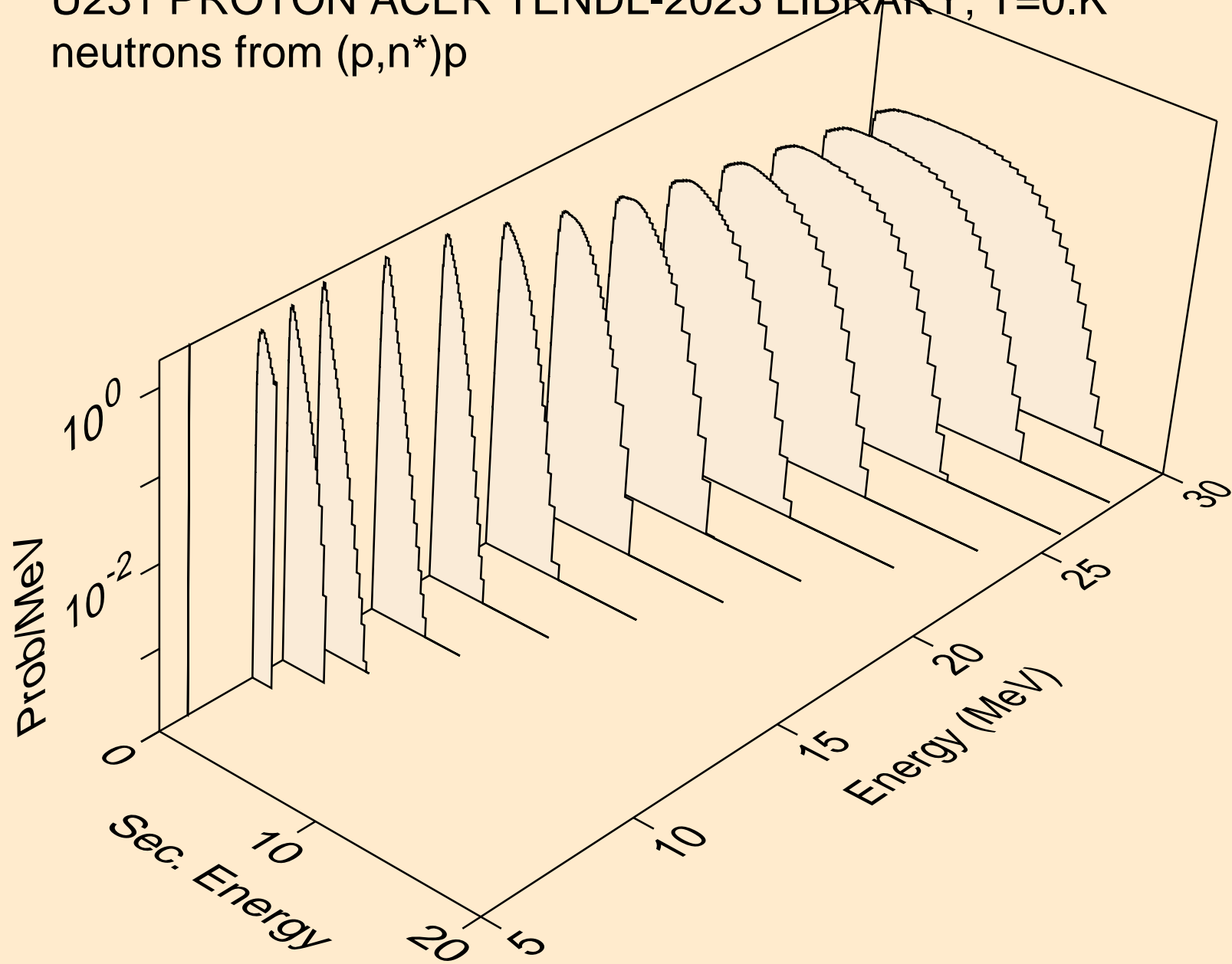
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2n)a



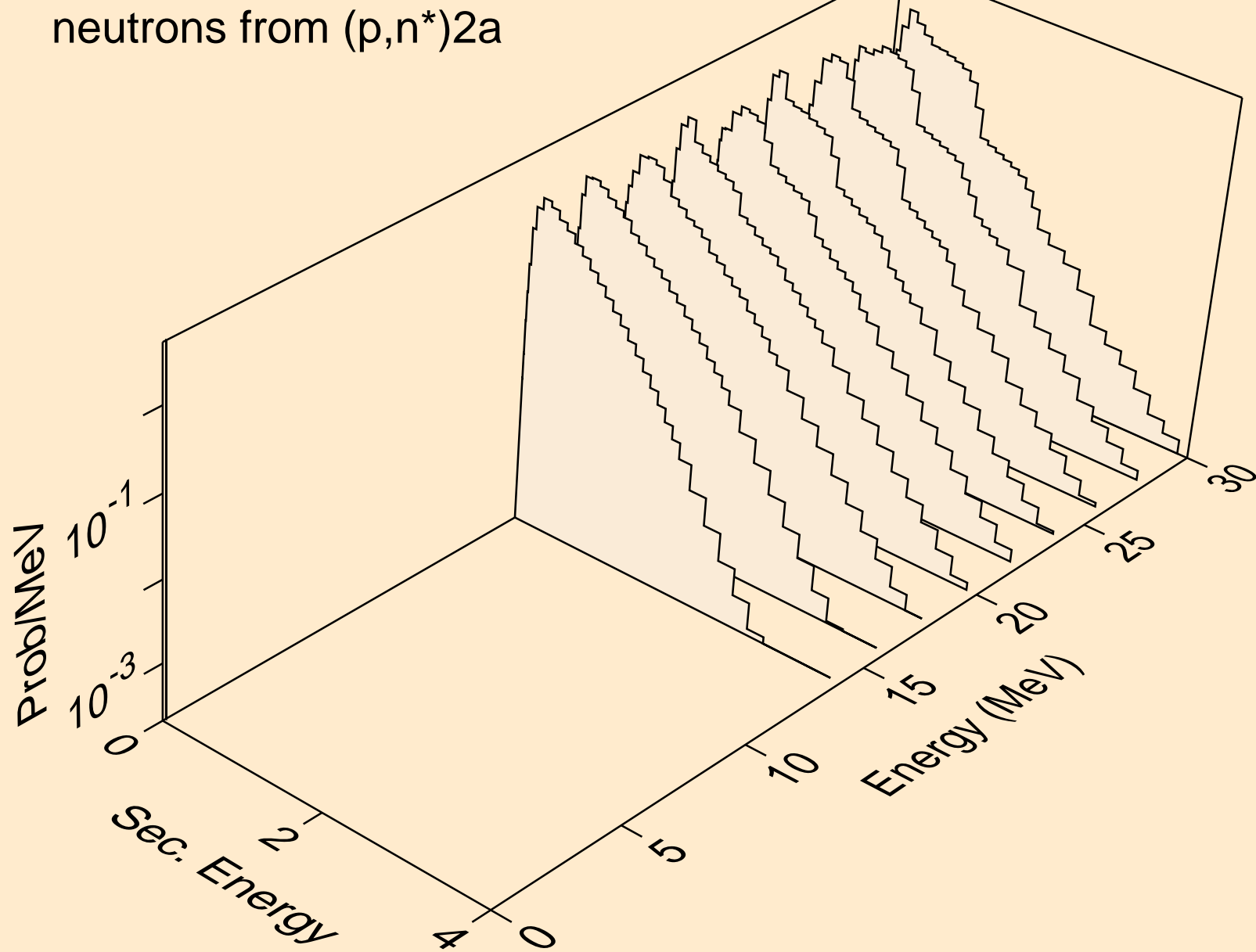
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3n)a



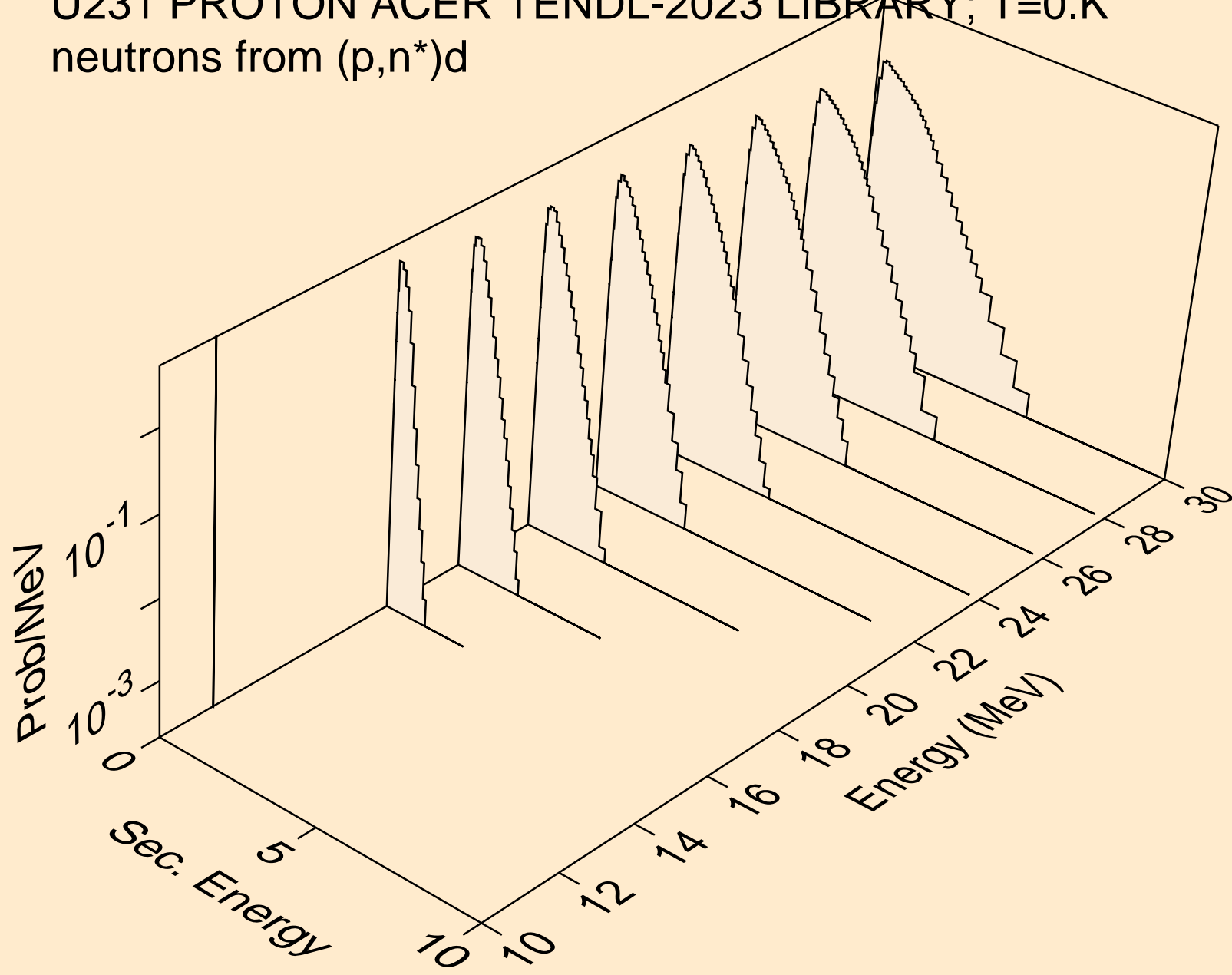
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)p



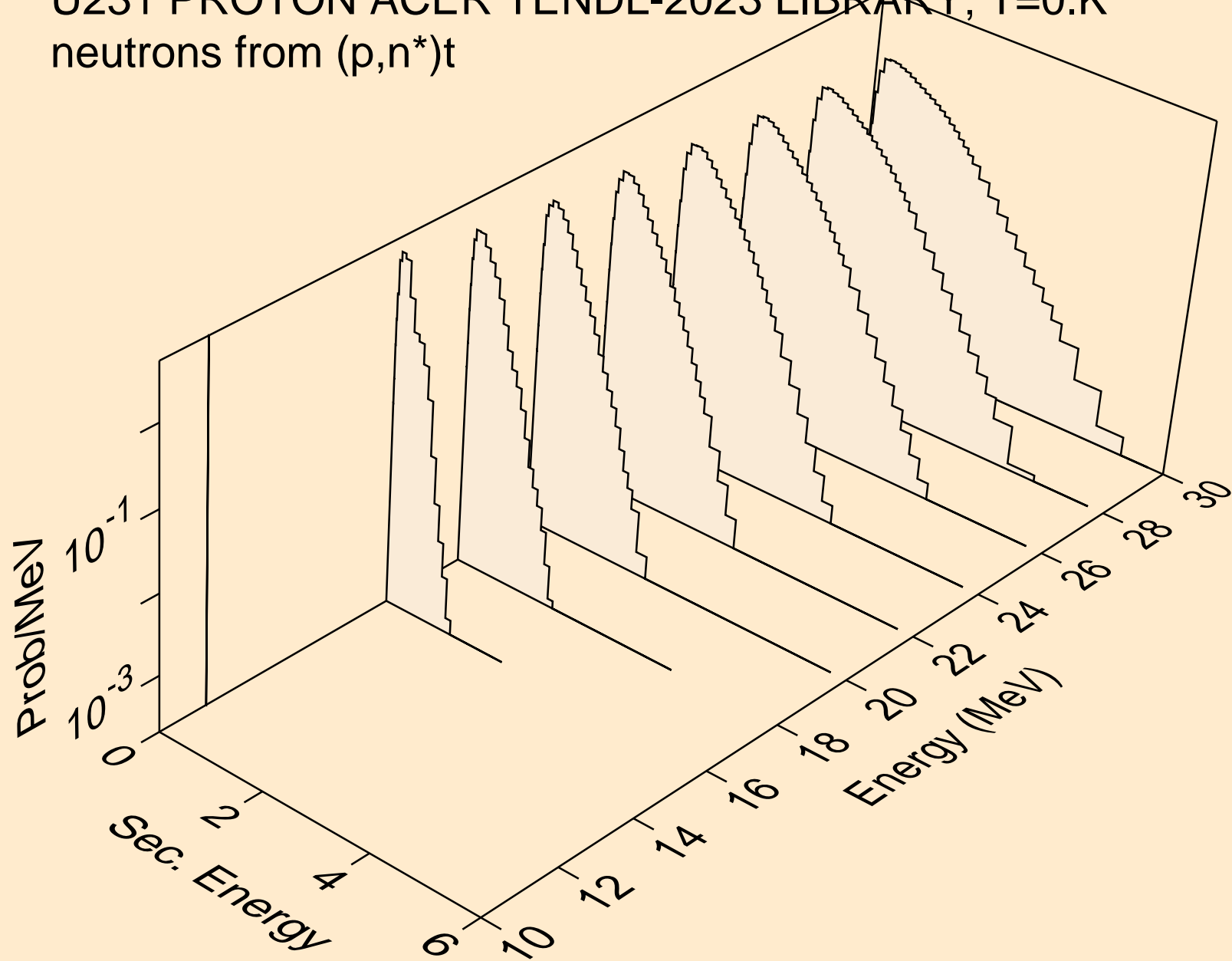
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neutrons from (p,n*)2a



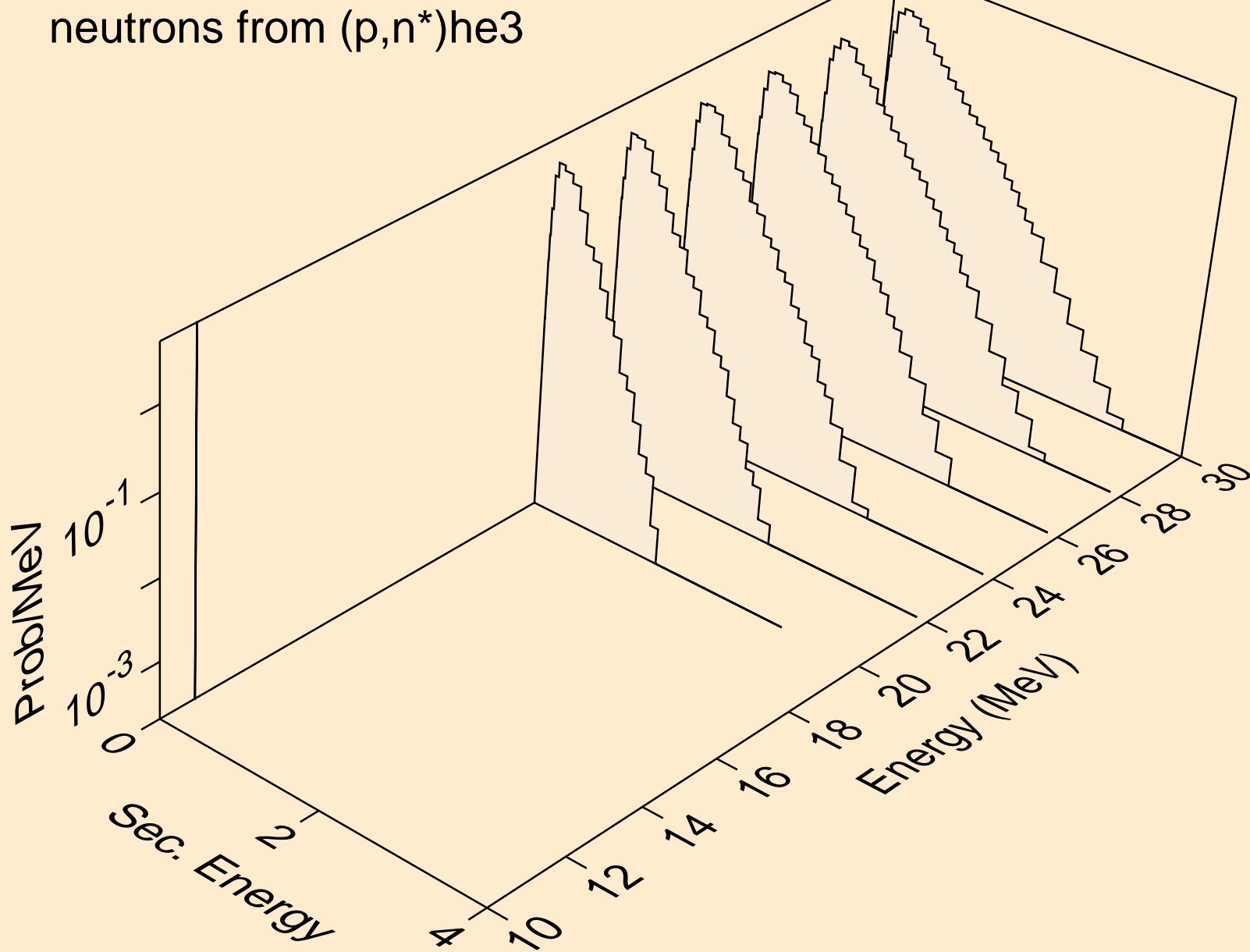
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)d



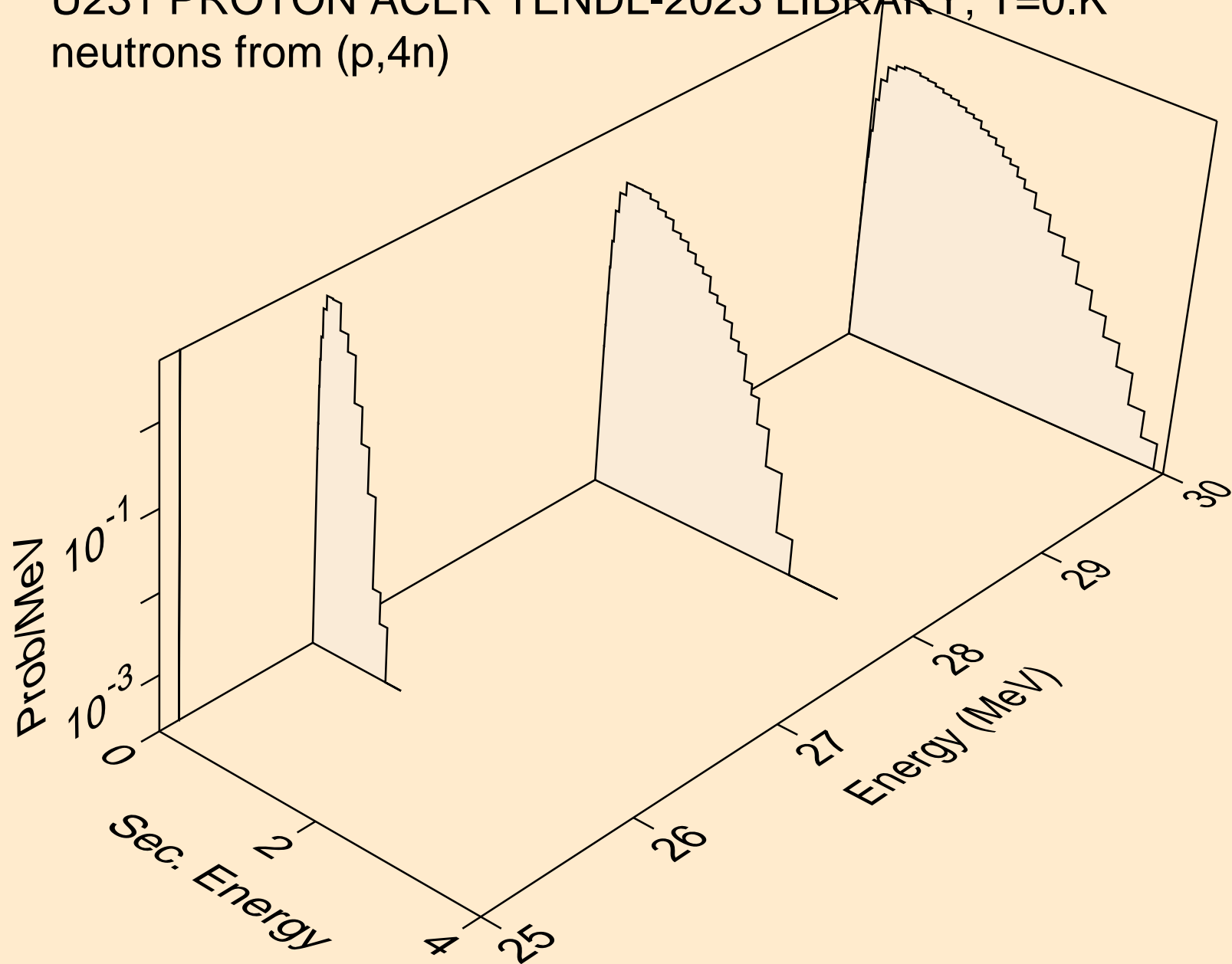
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)t



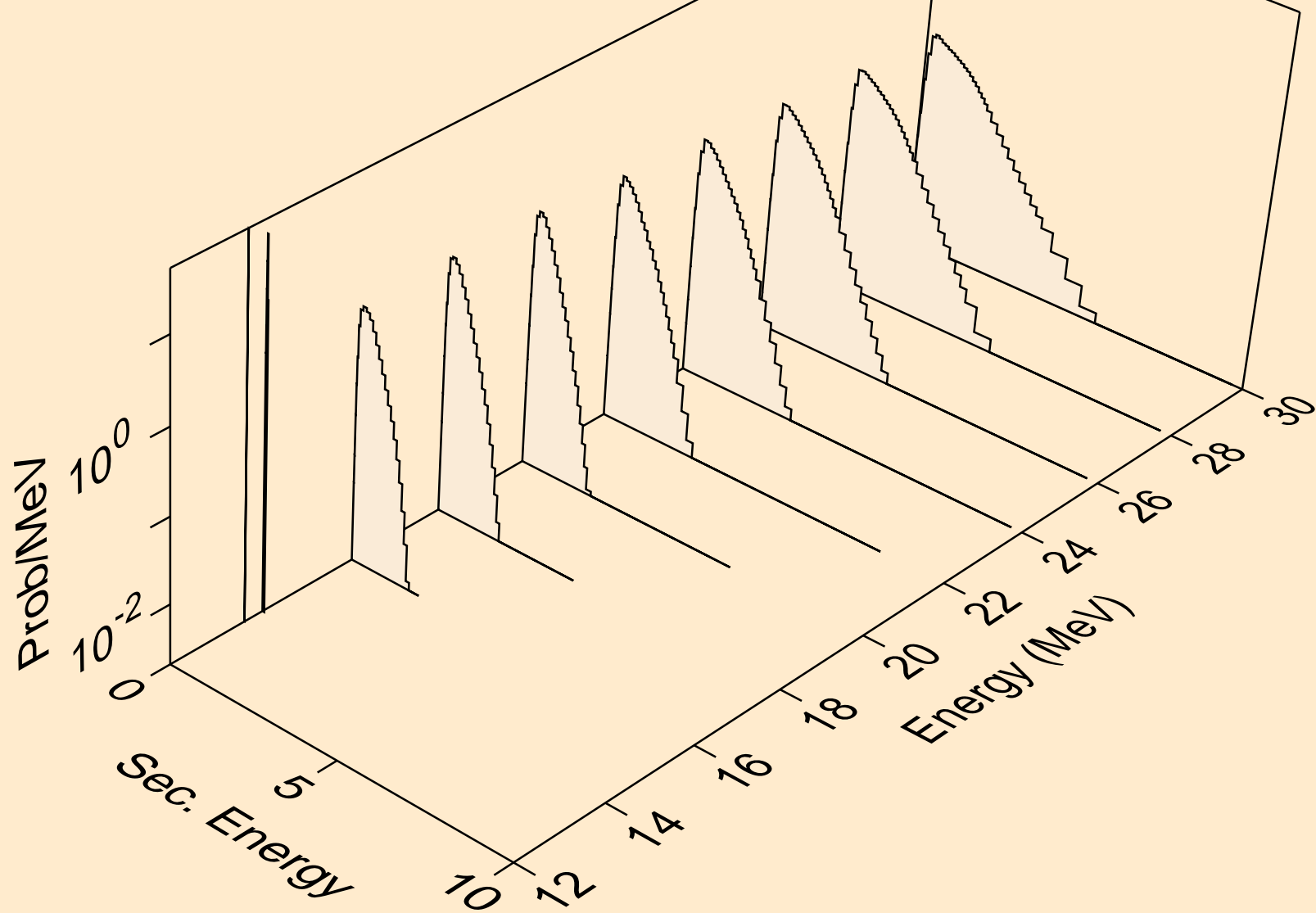
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n*)he3



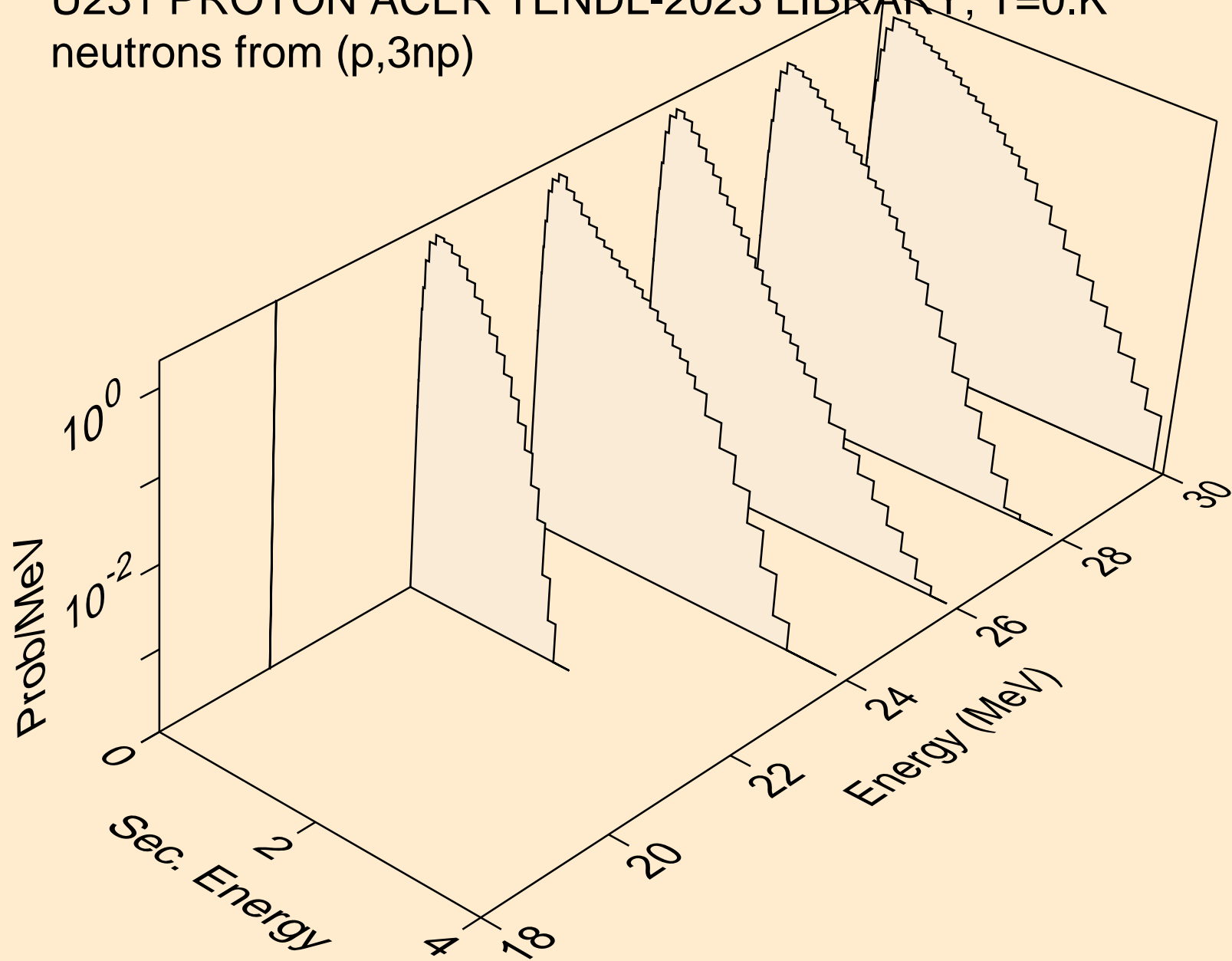
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,4n)



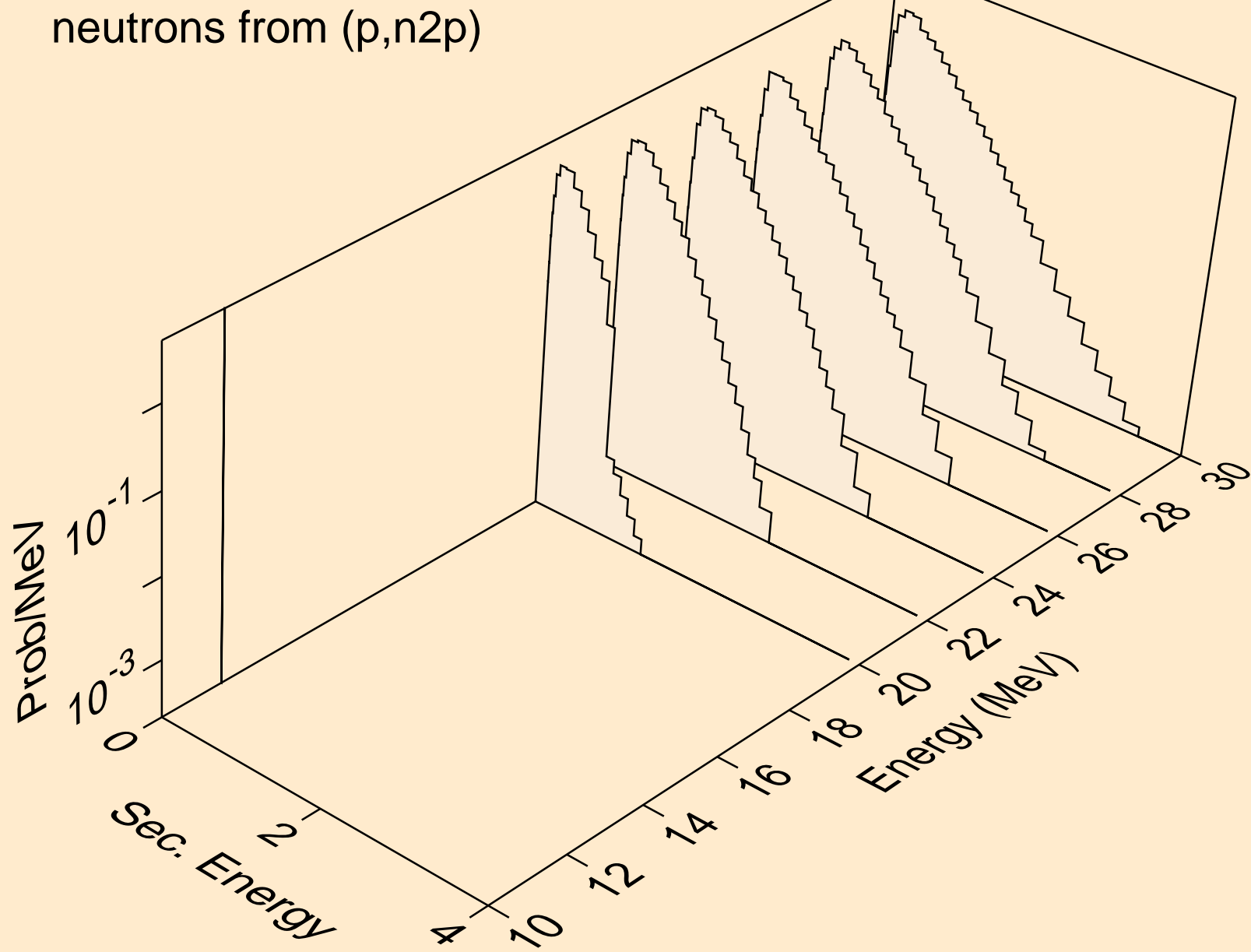
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,2np)



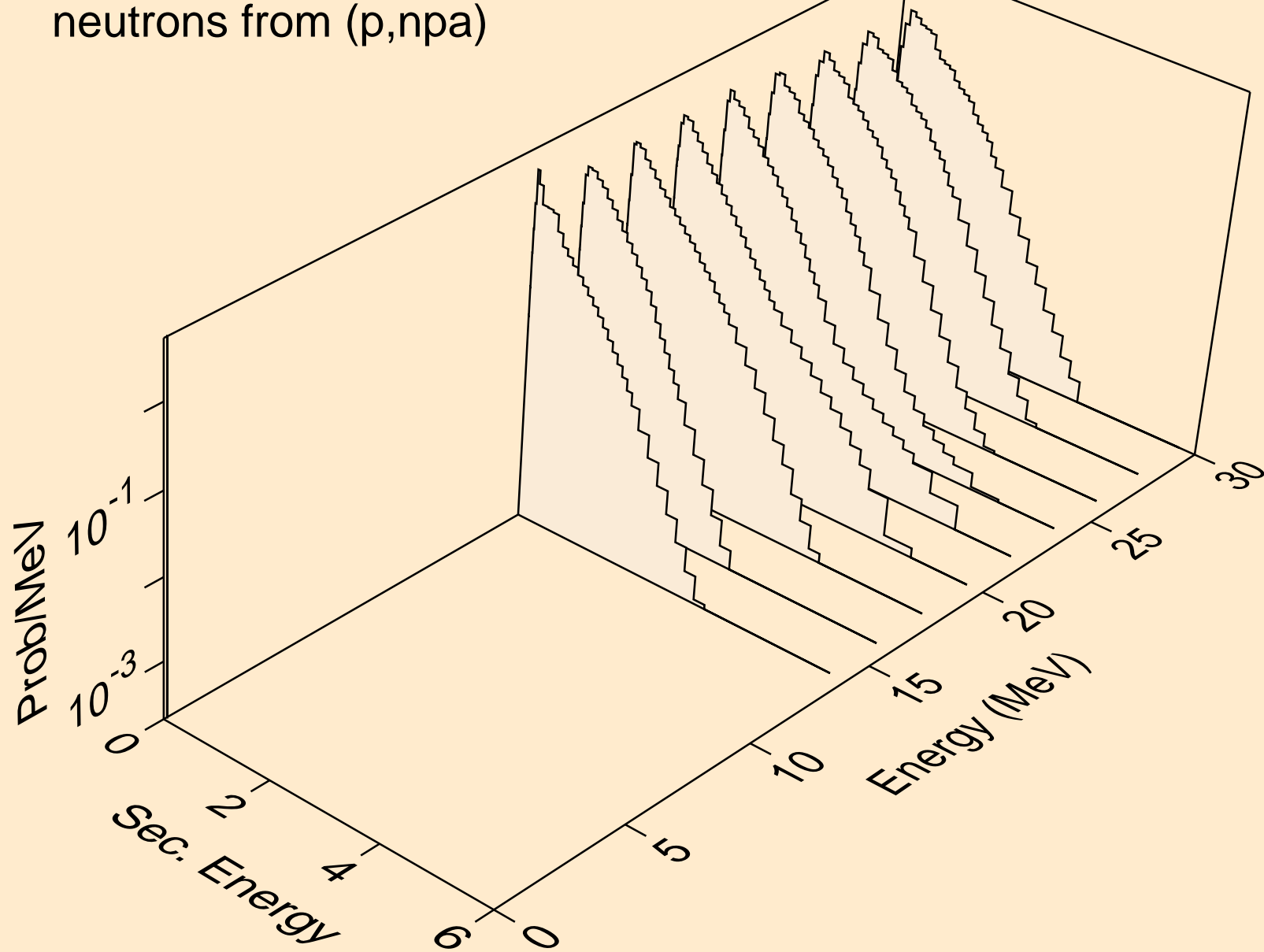
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,3np)



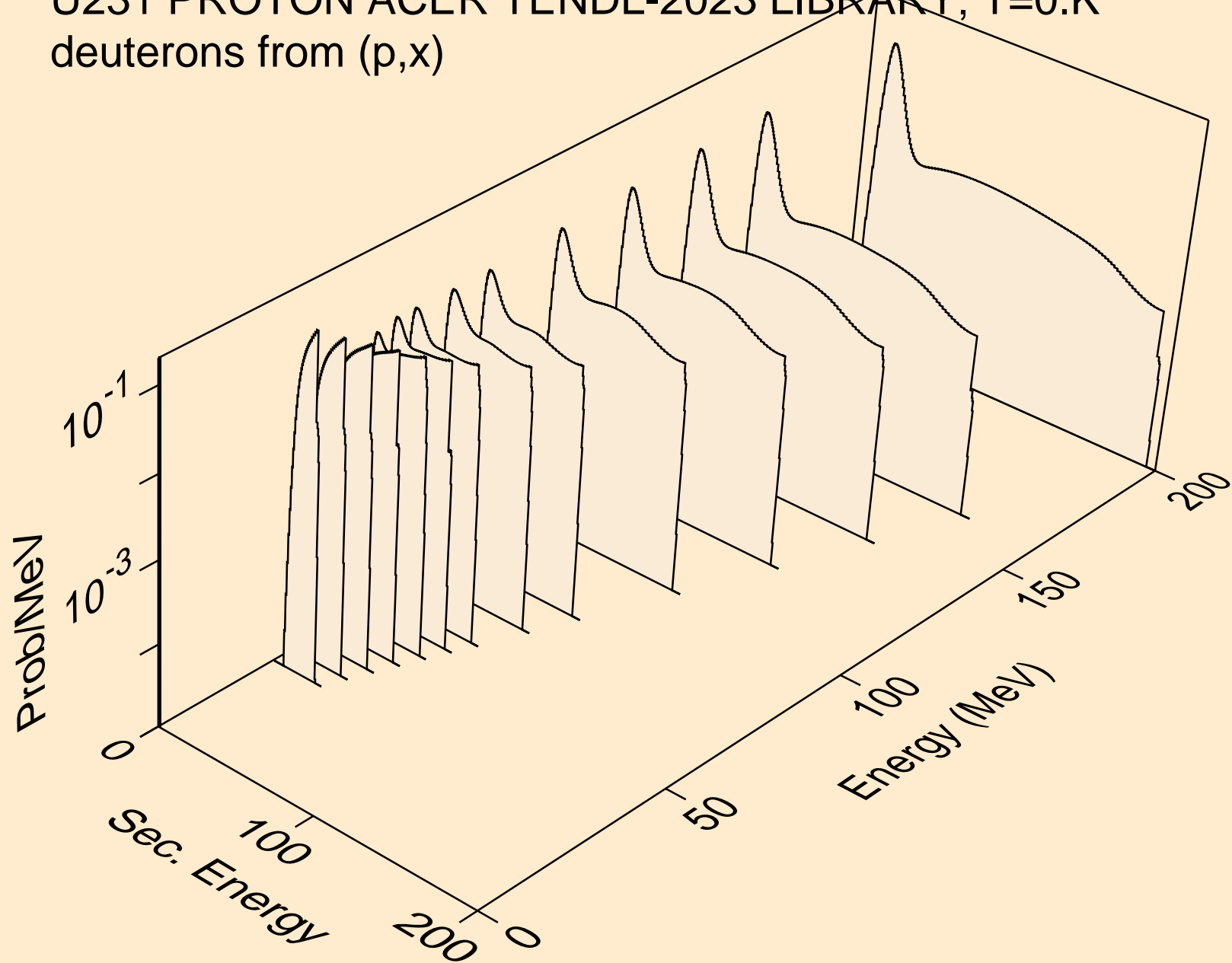
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,n2p)



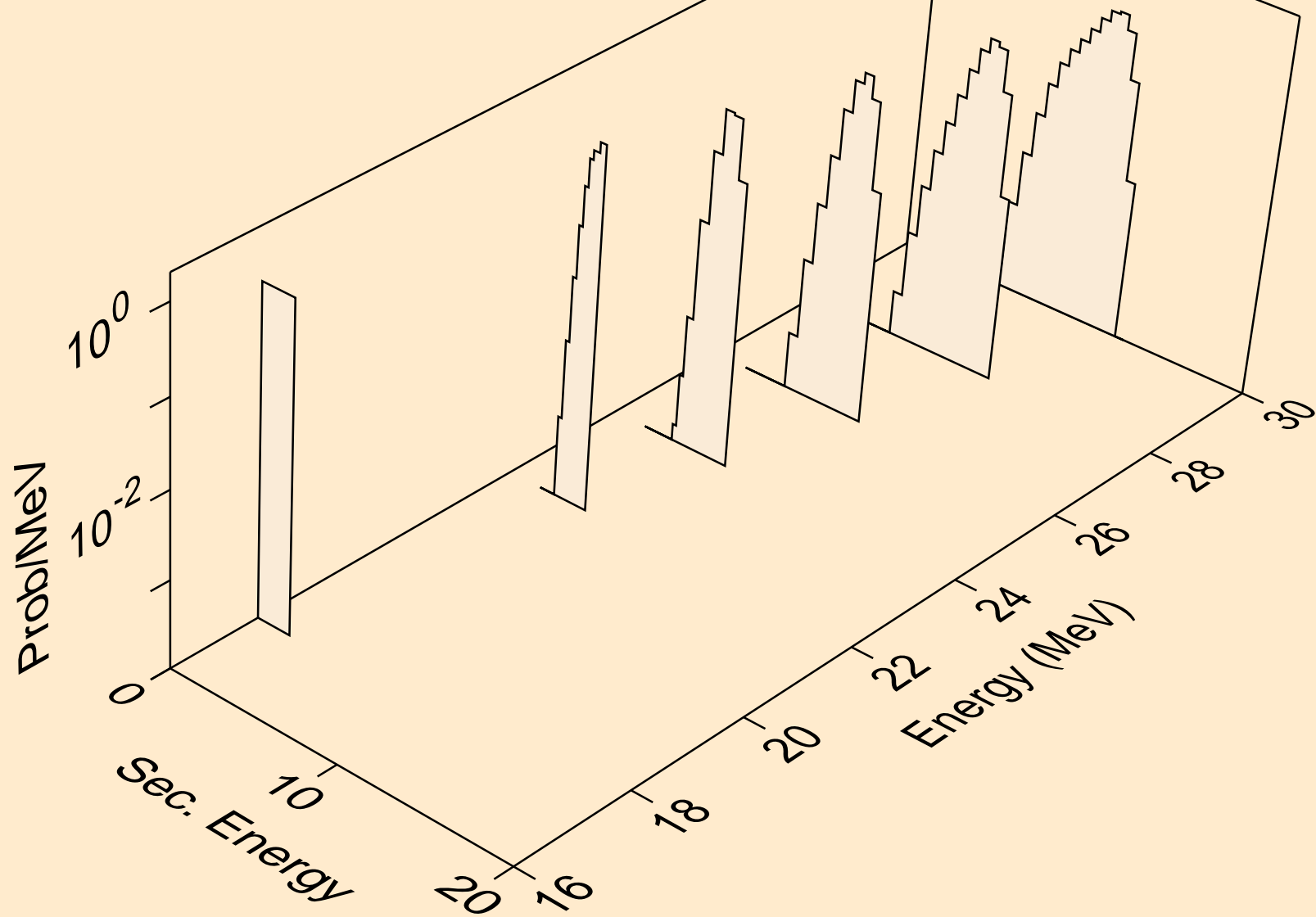
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (p,npa)



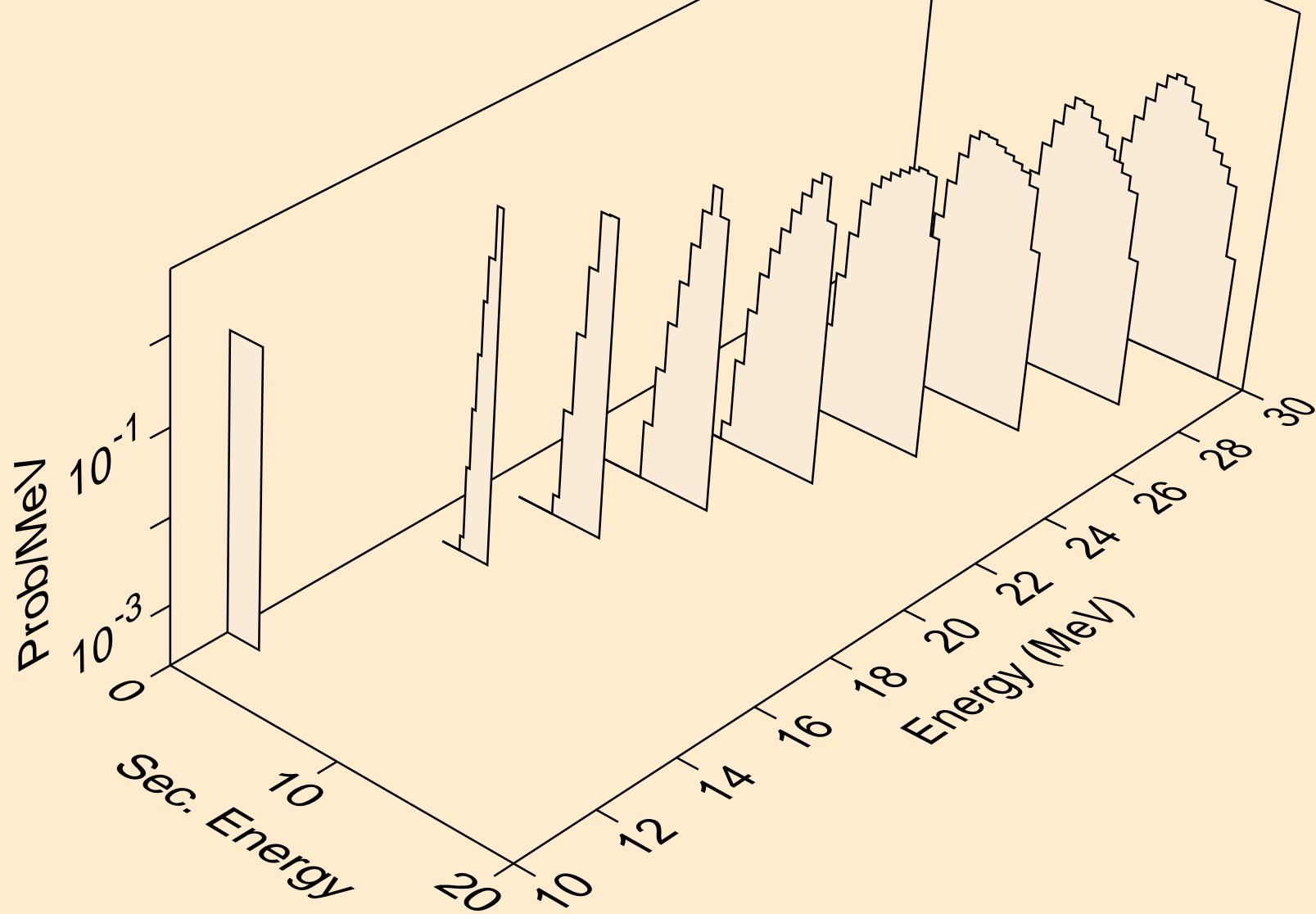
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,x)



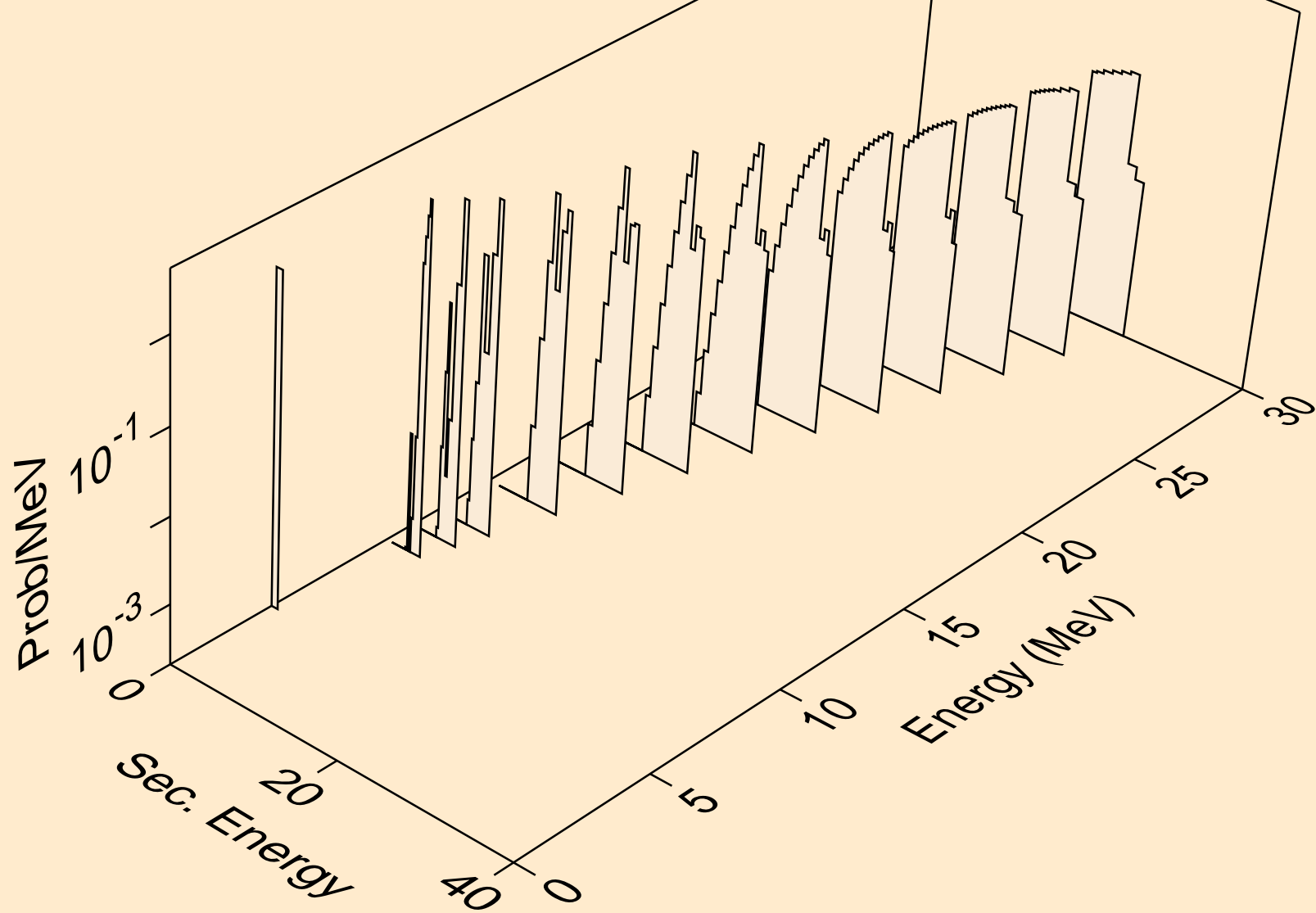
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,2nd)



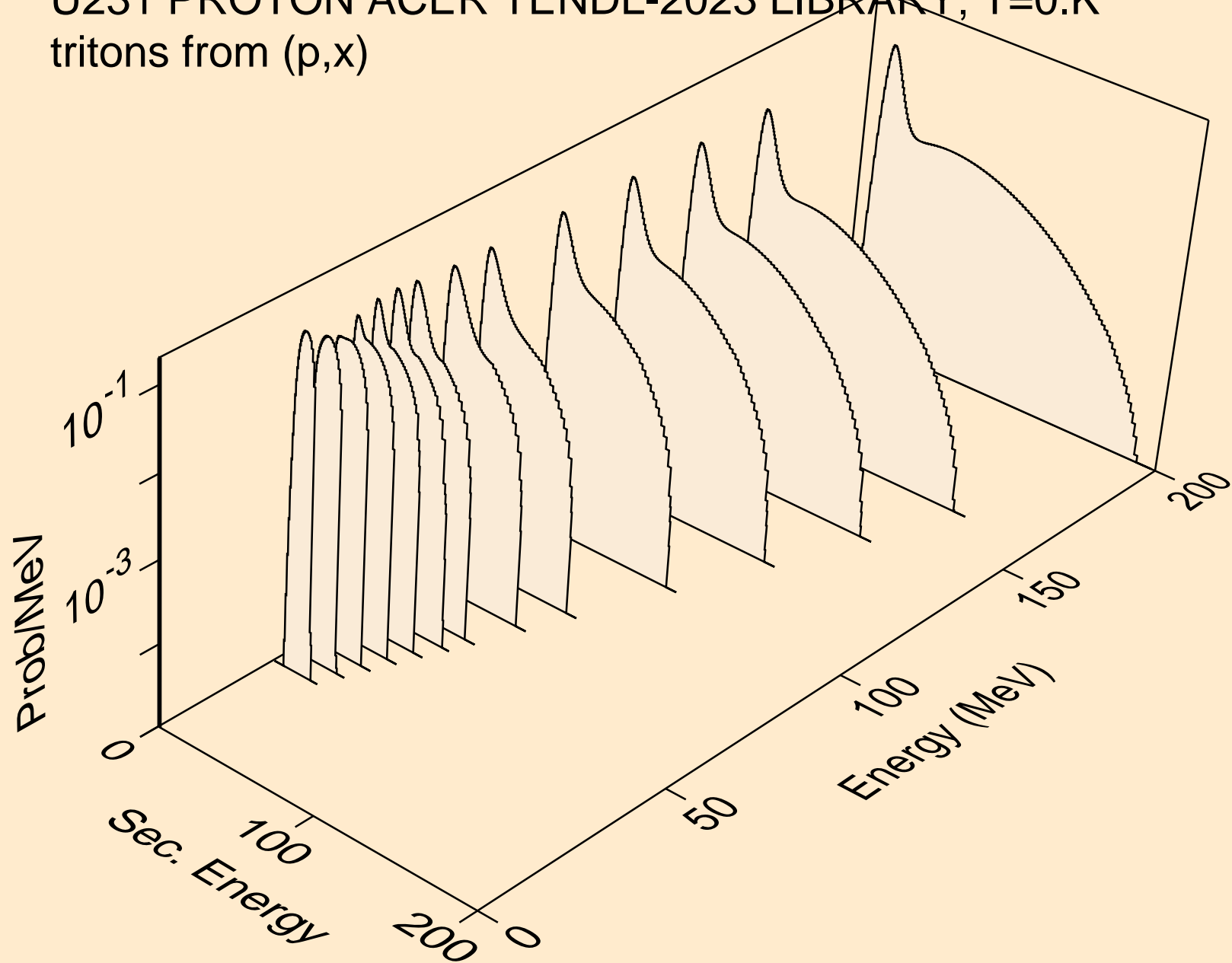
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,n*)d



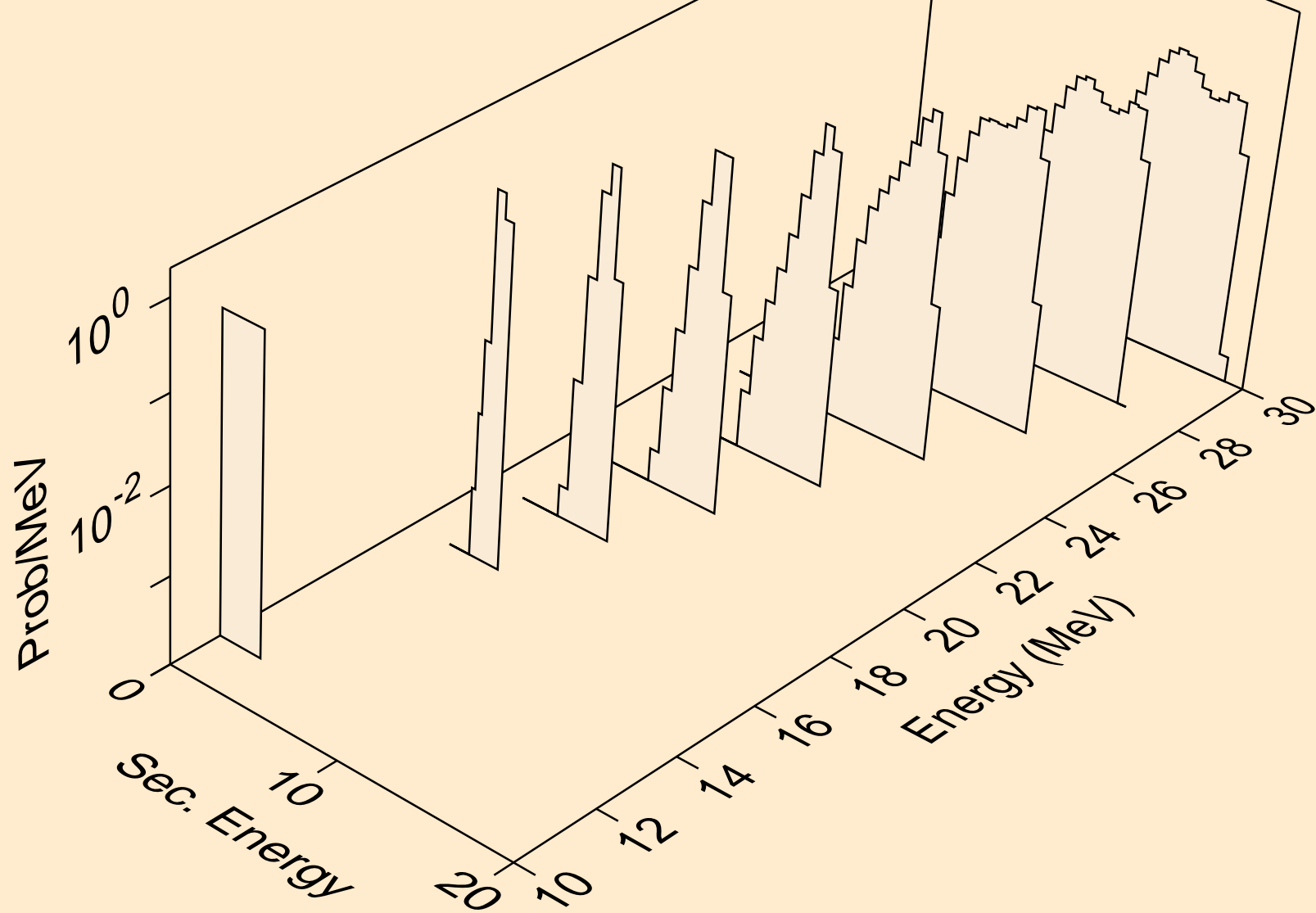
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (p,d)



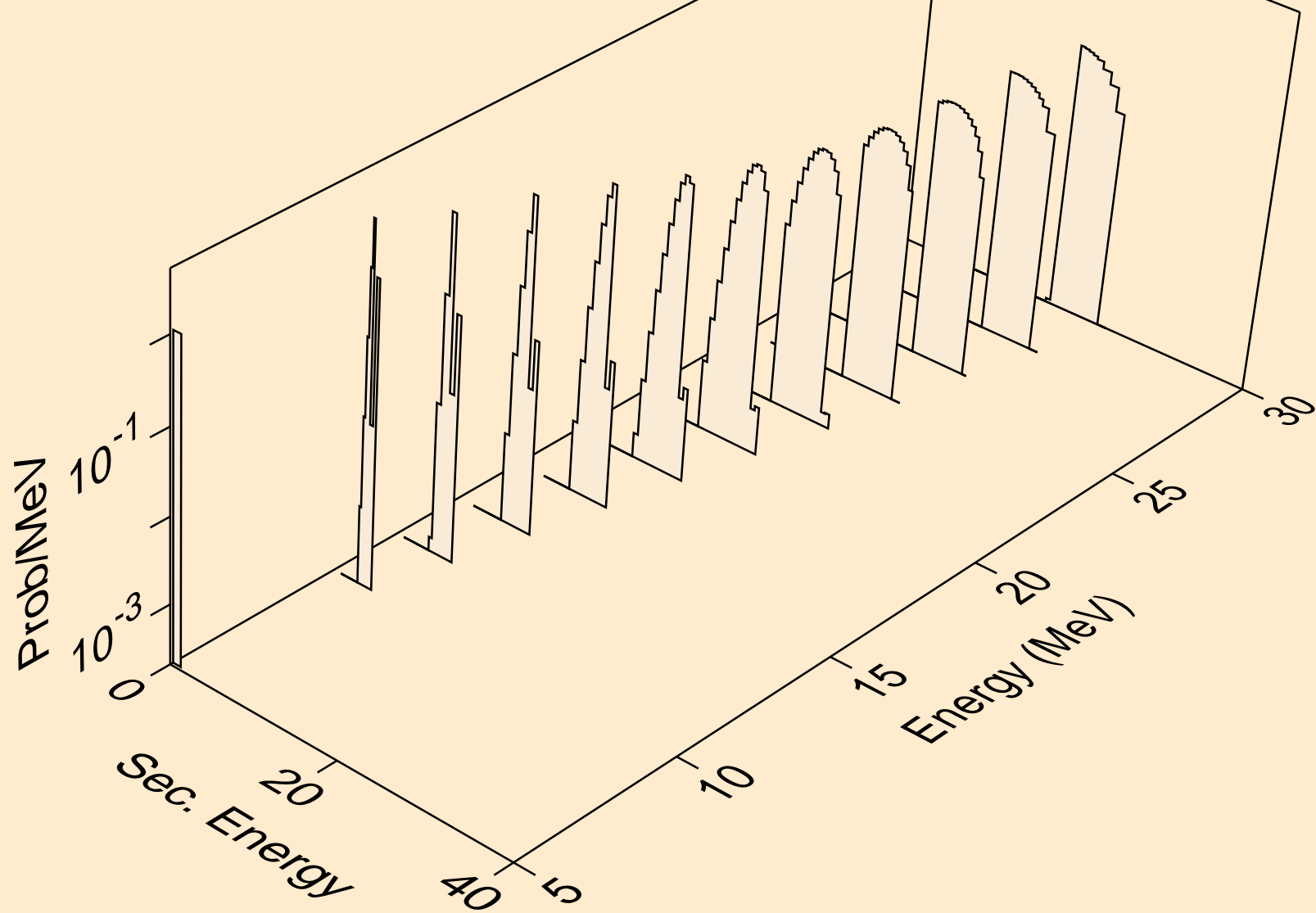
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,x)



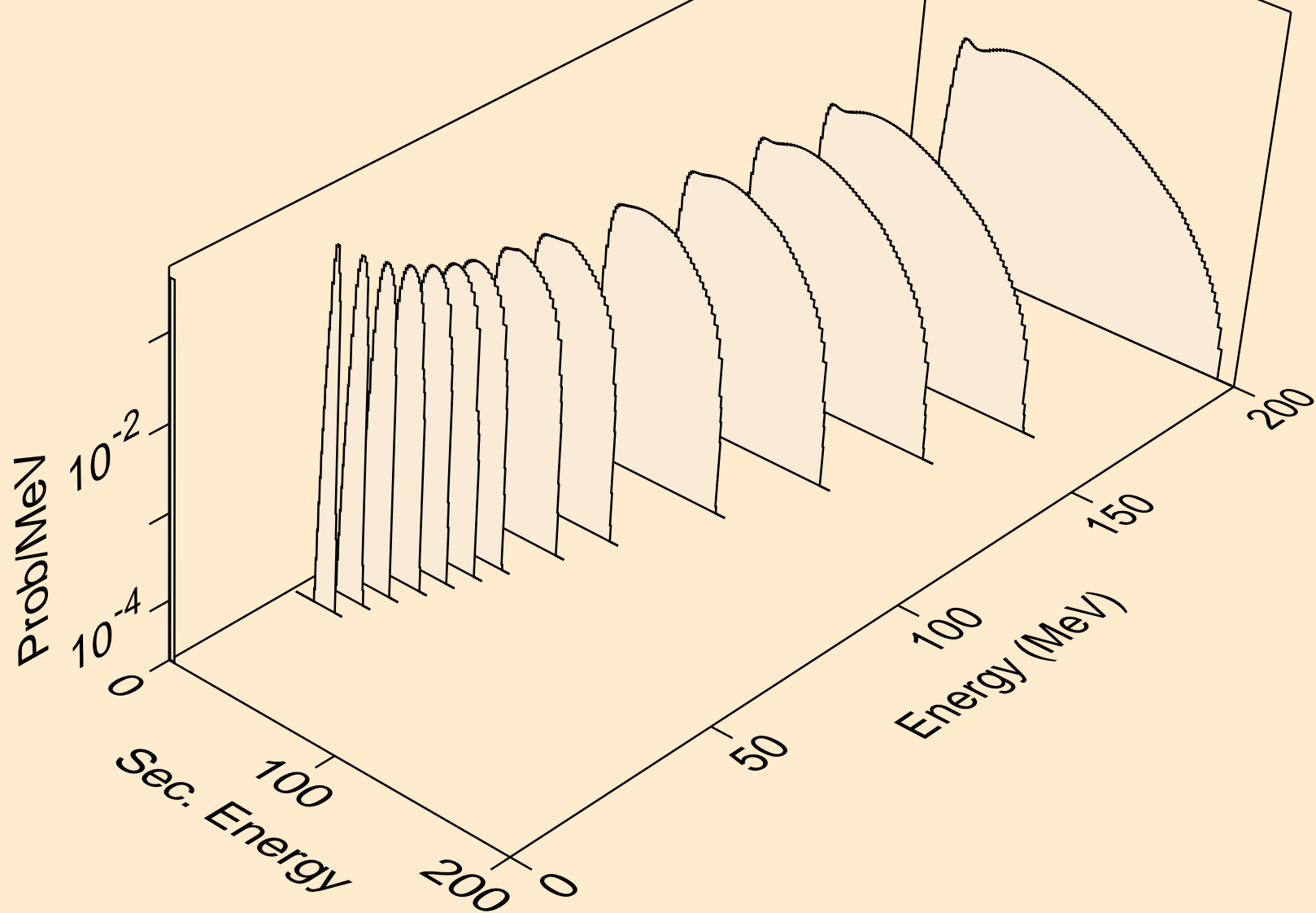
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,n*)t



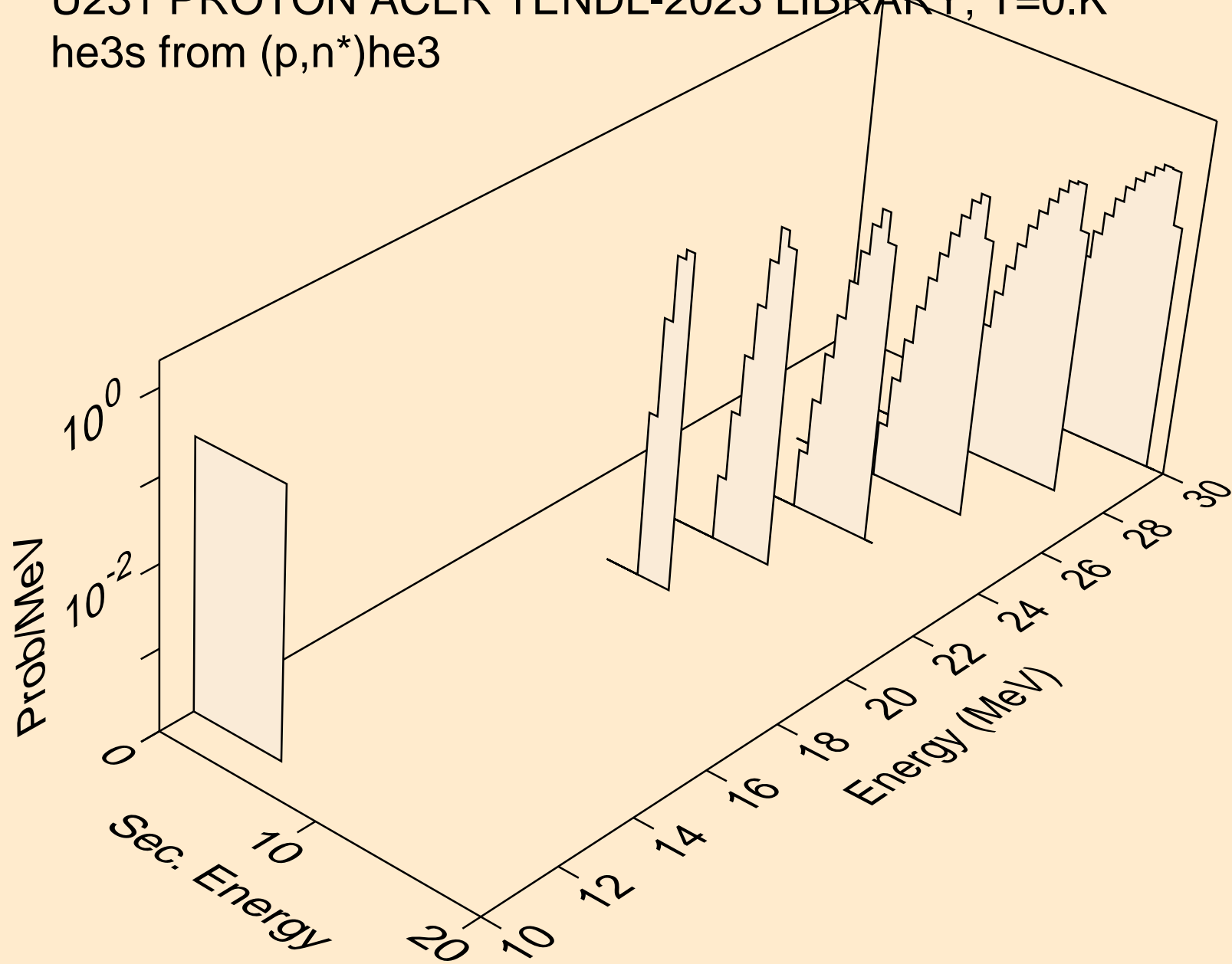
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (p,t)



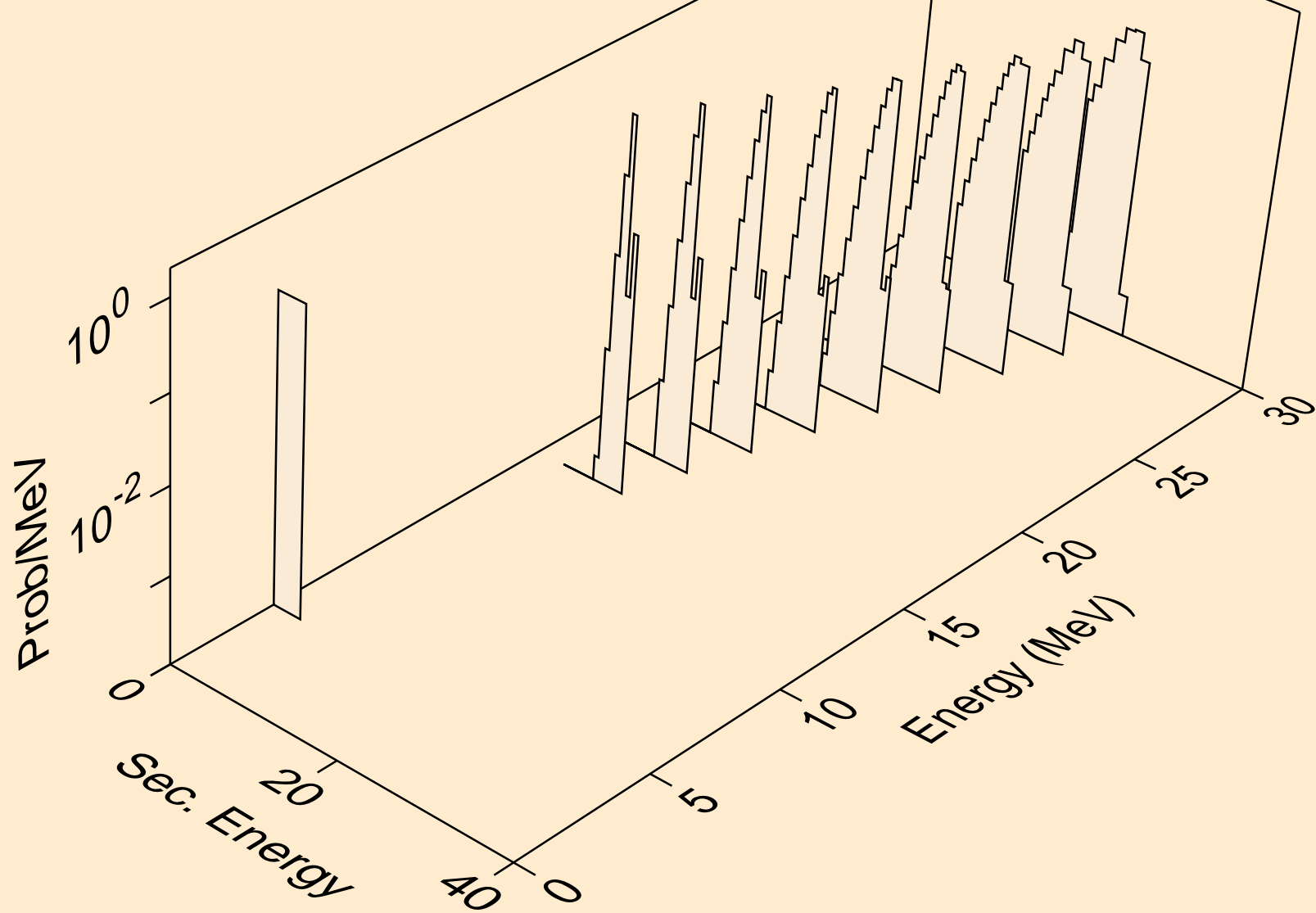
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,x)



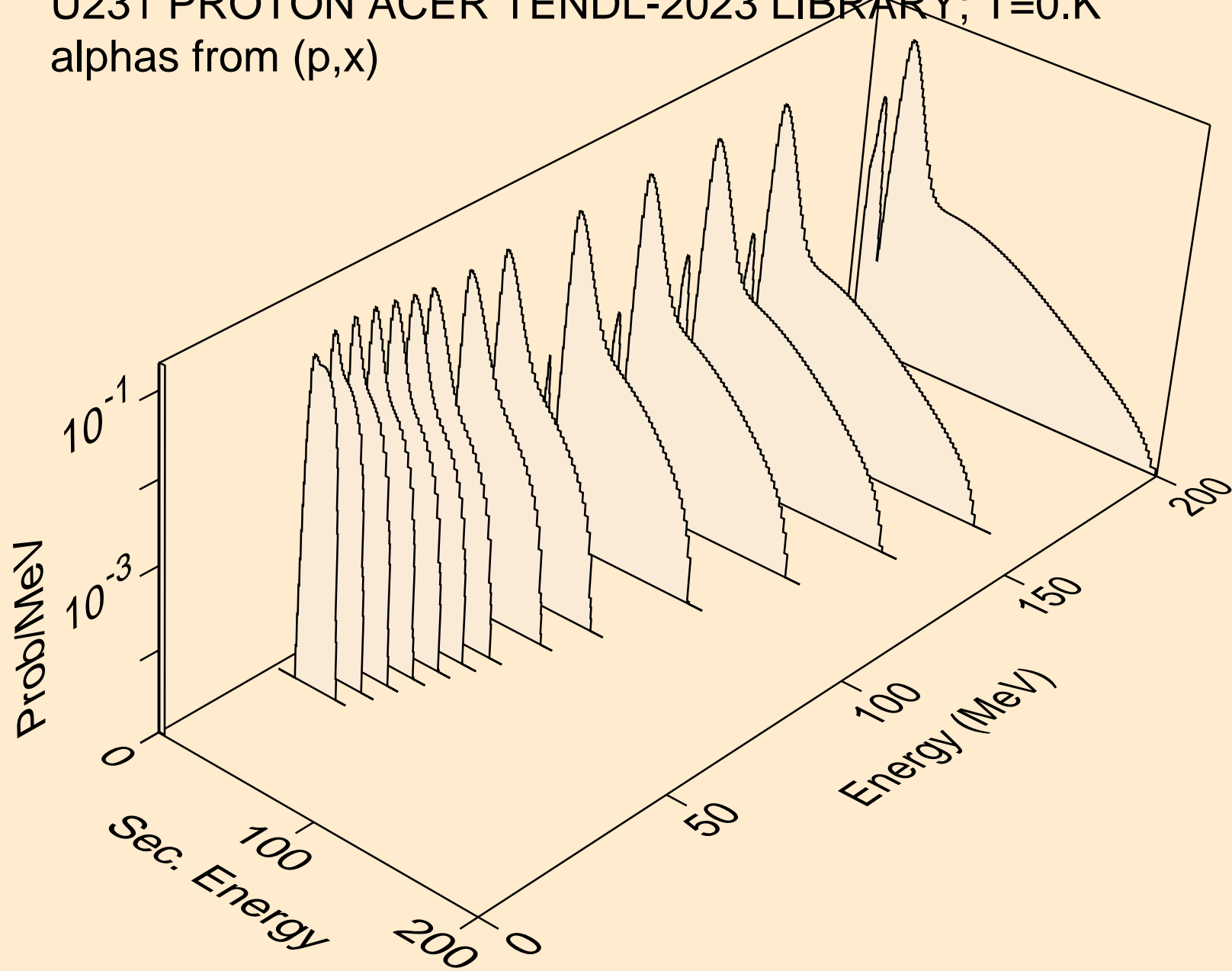
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,n*)he3



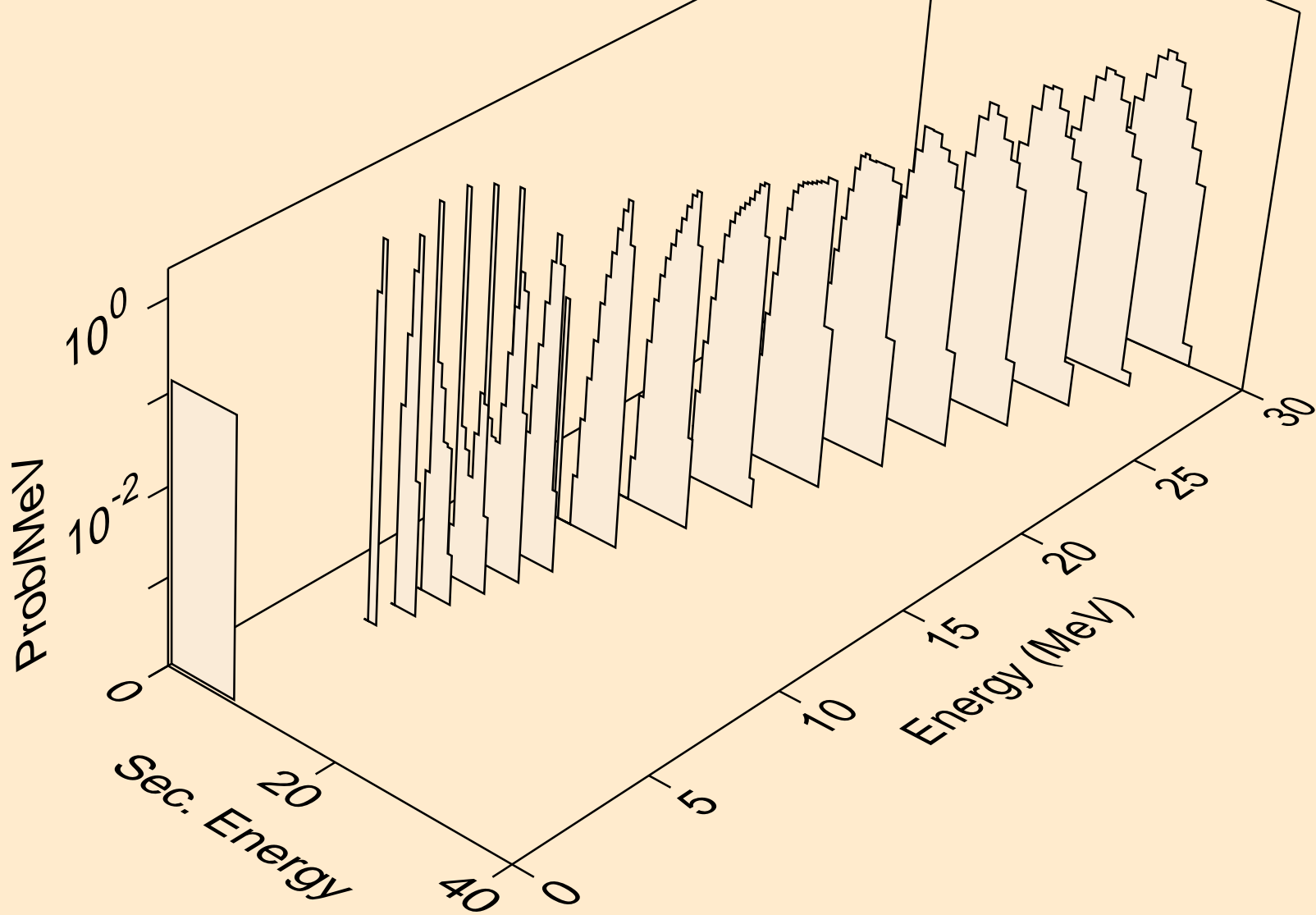
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (p,he3)



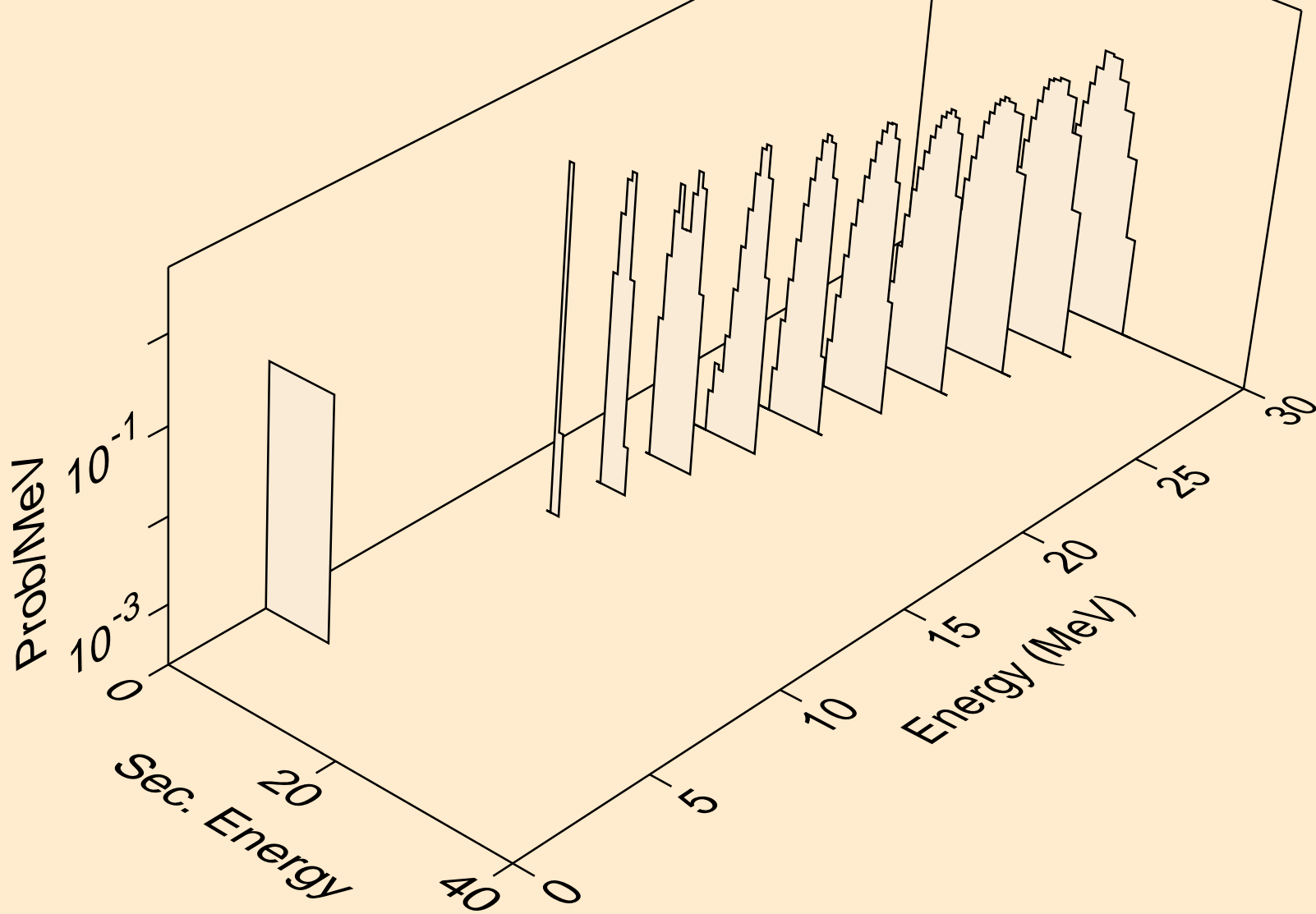
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,x)



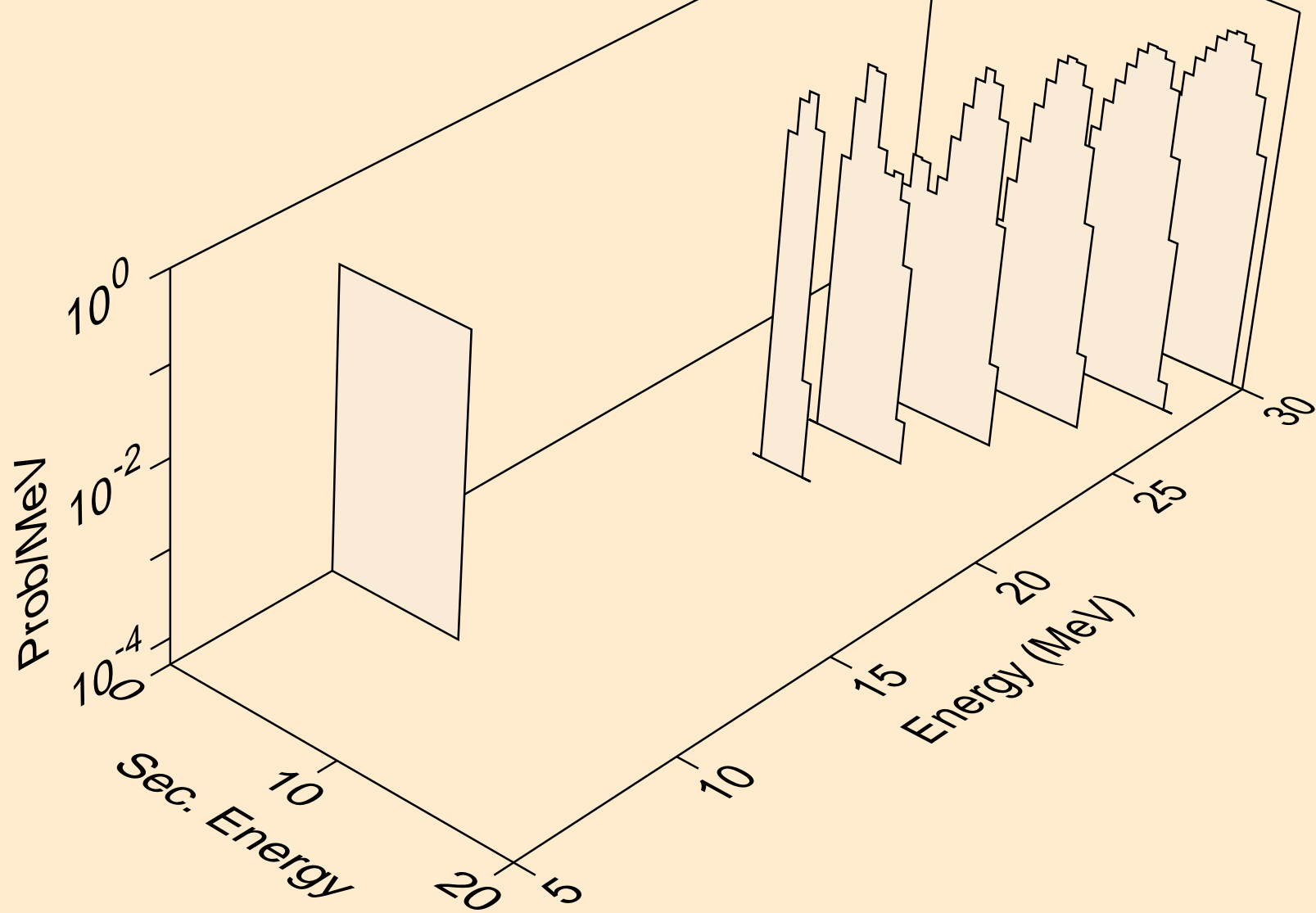
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)a



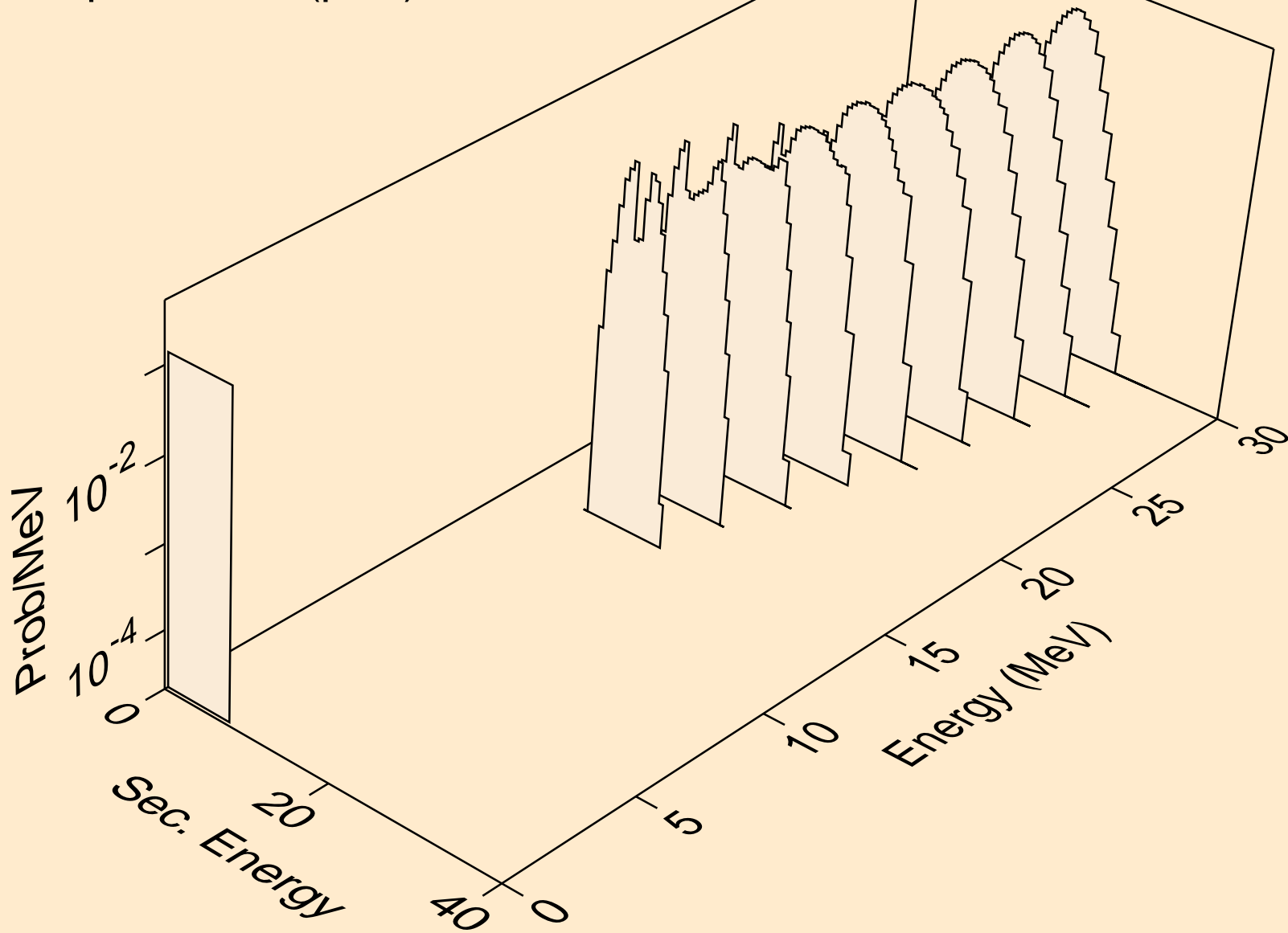
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2n)a



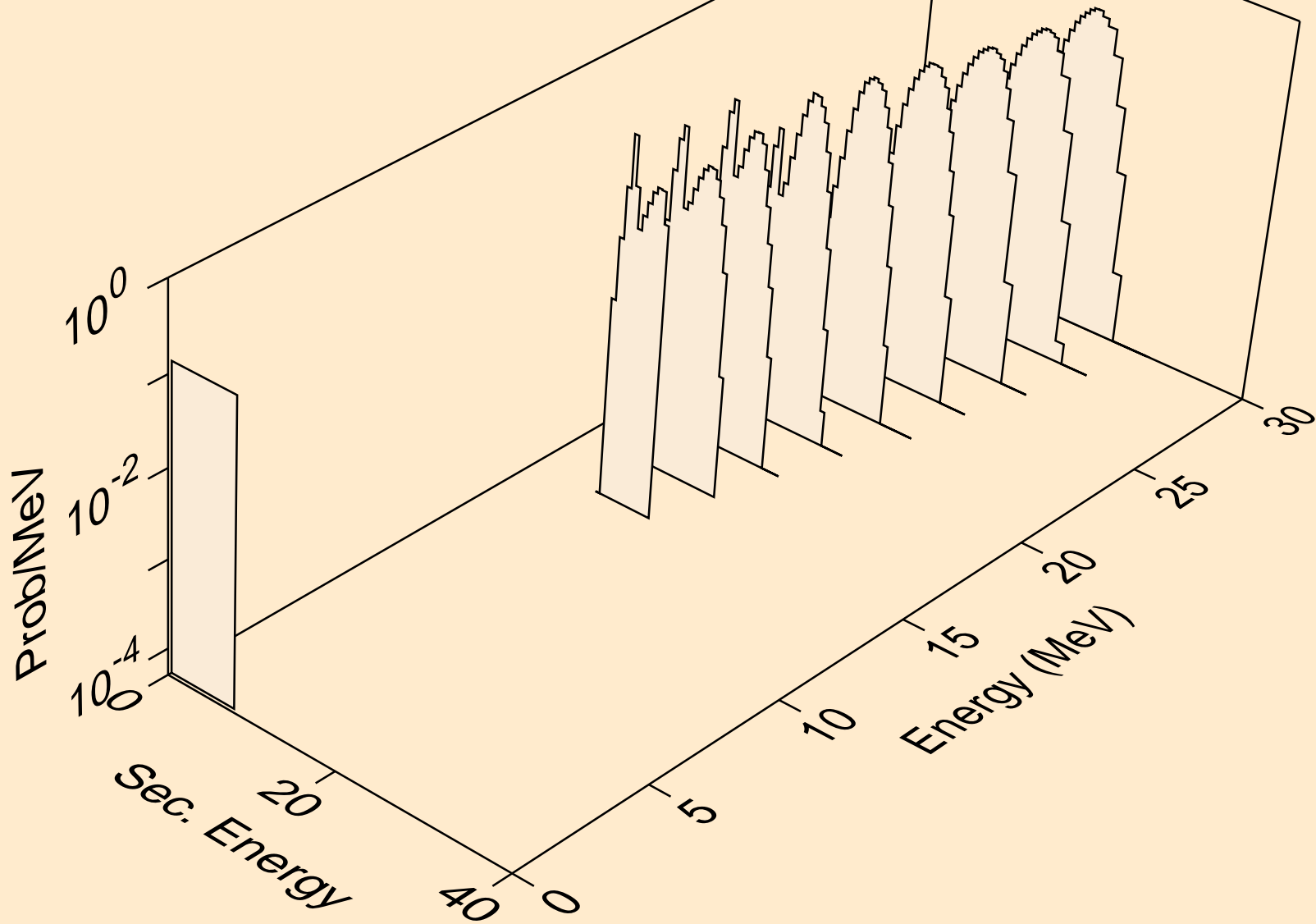
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,3n)a



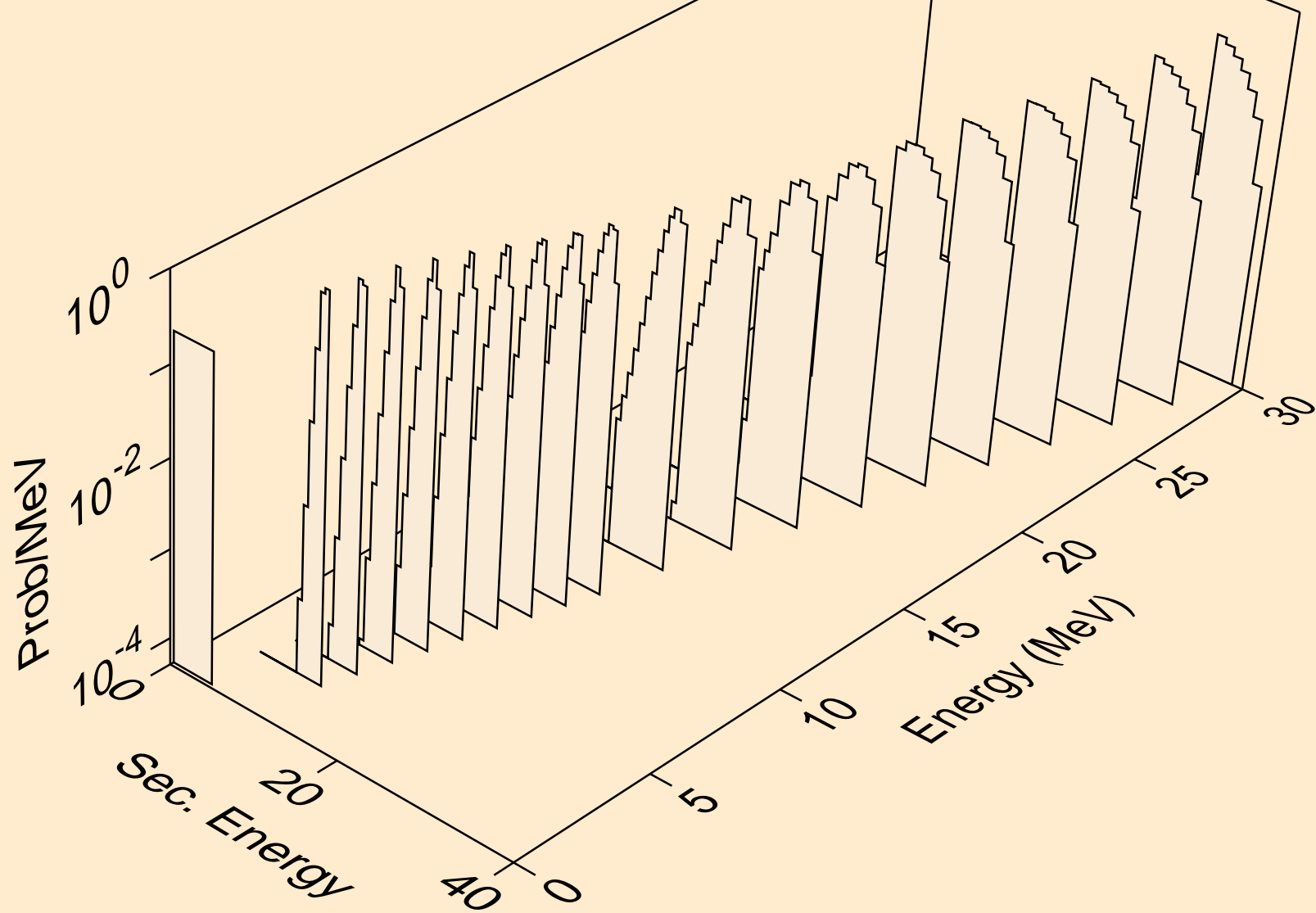
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,n*)2a



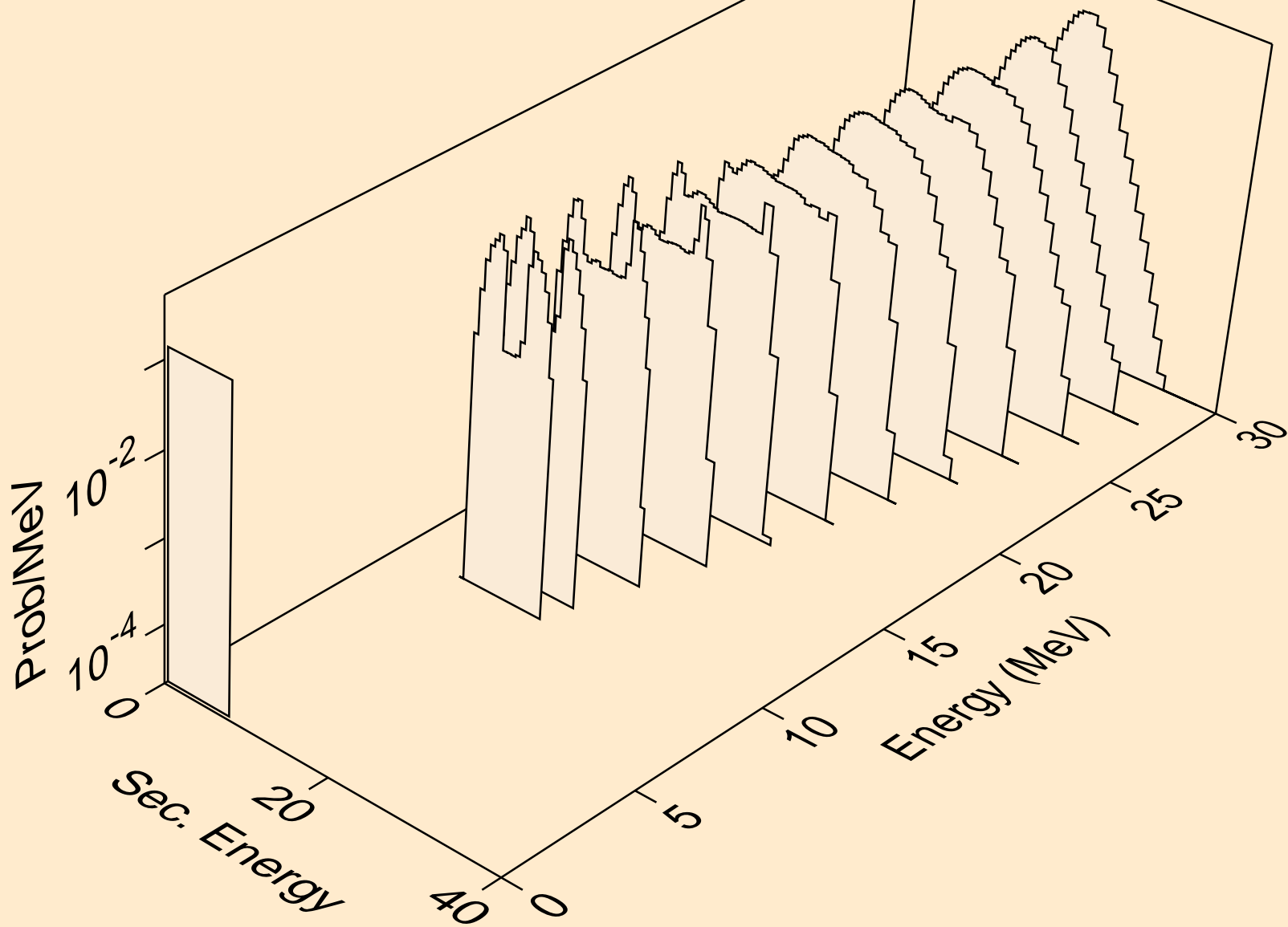
U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,npa)



U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,a)



U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,2a)



U231 PROTON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (p,pa)

