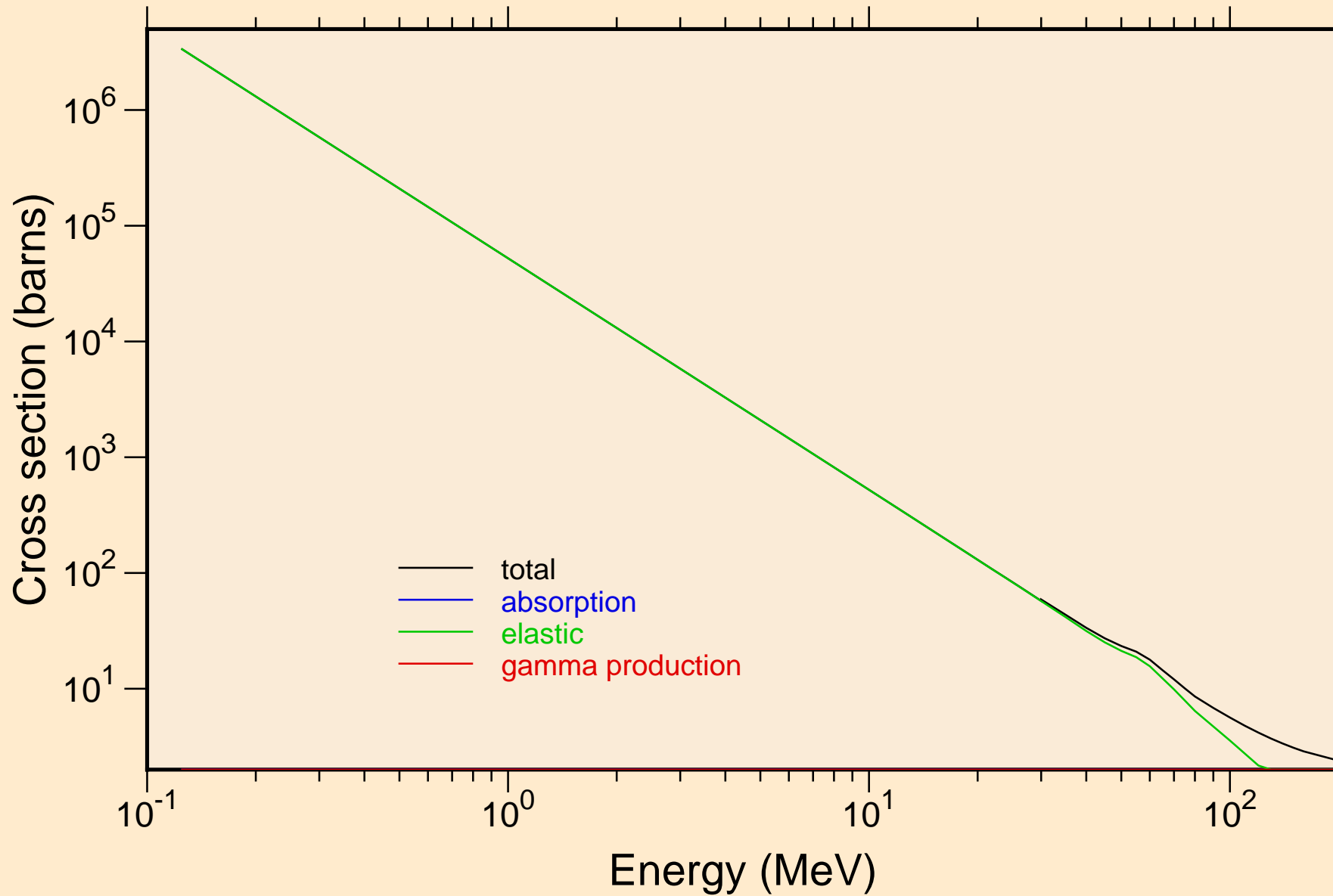
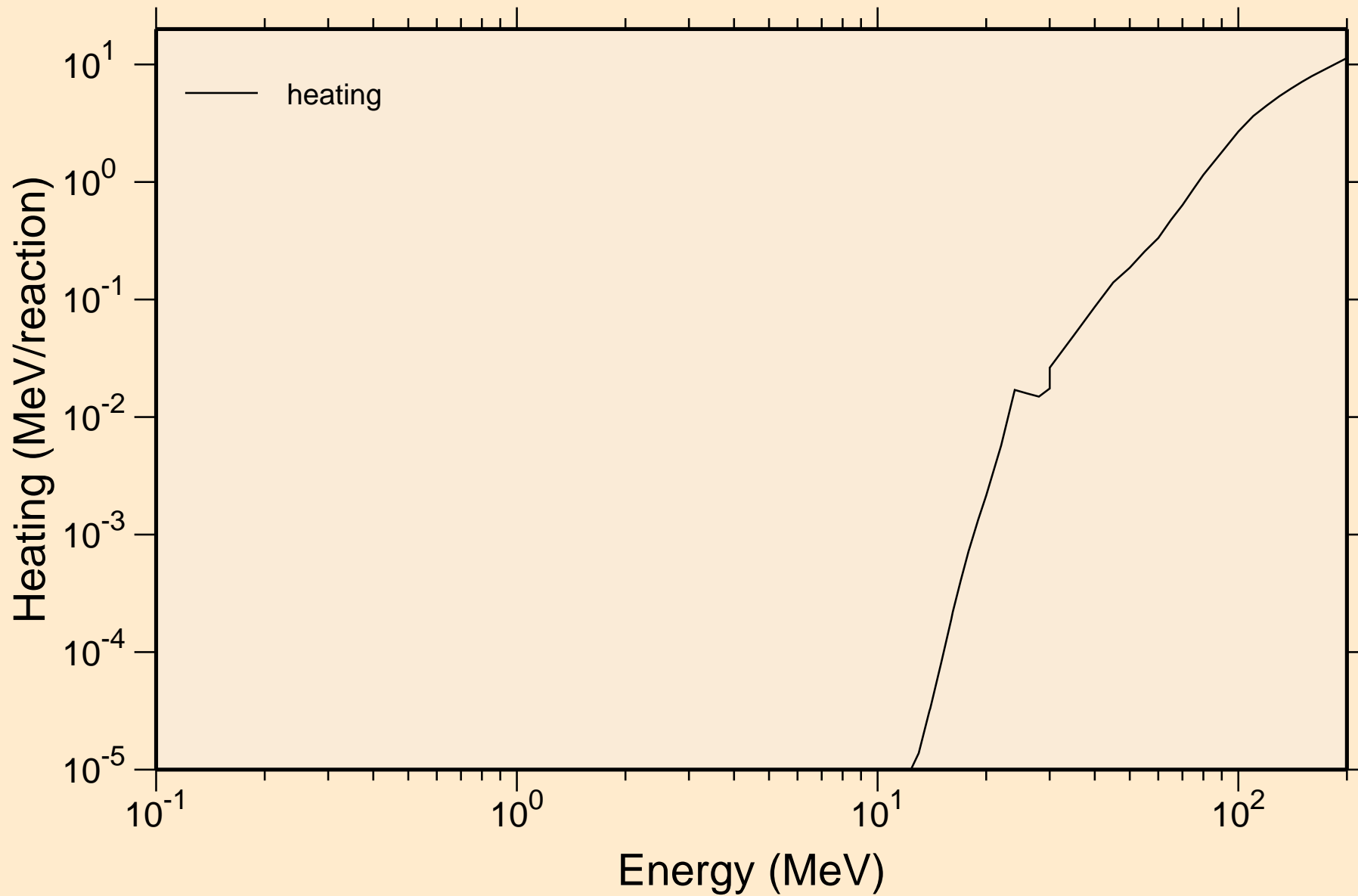


U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K

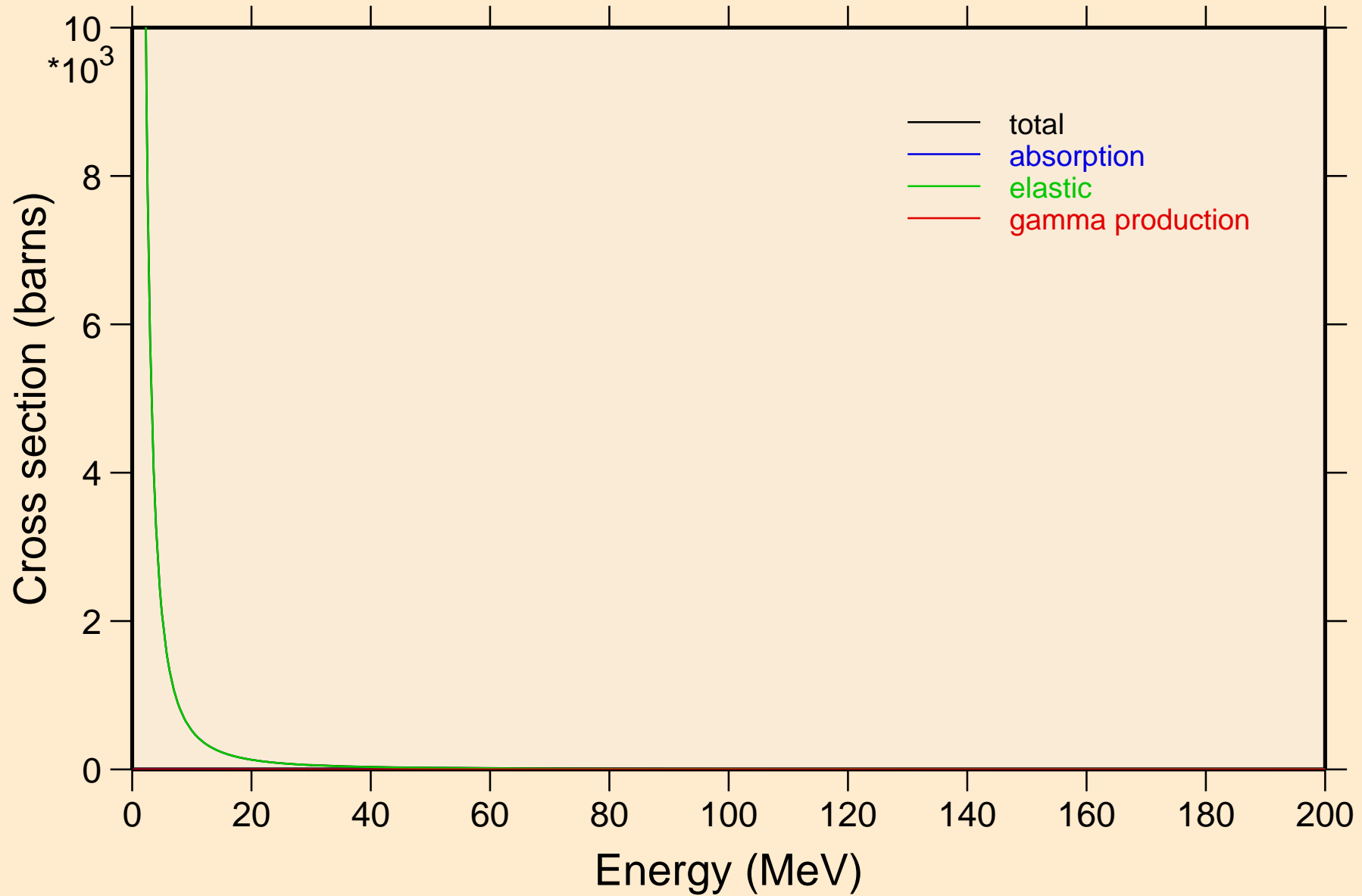
Principal cross sections



U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Heating

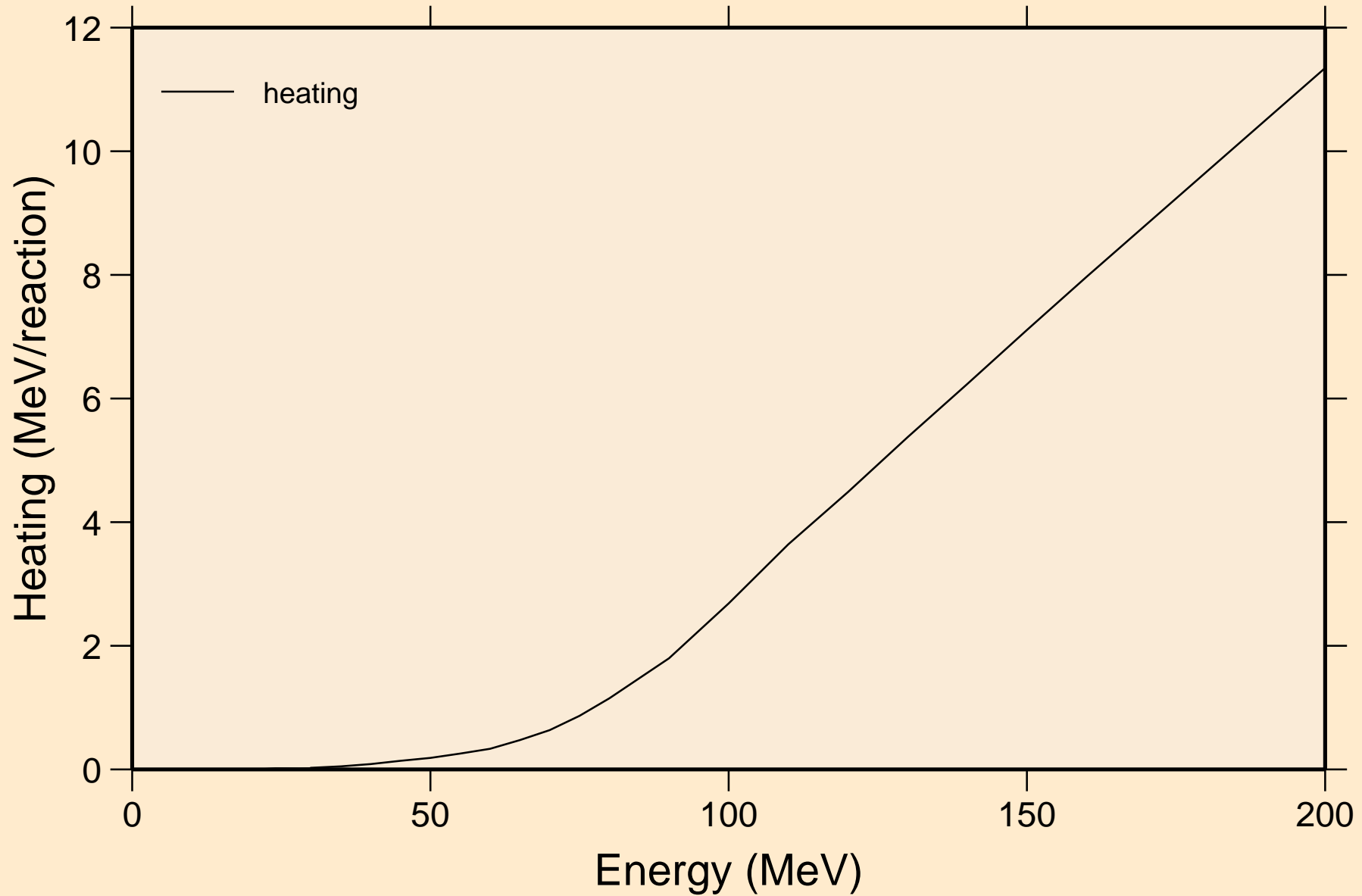


U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Principal cross sections

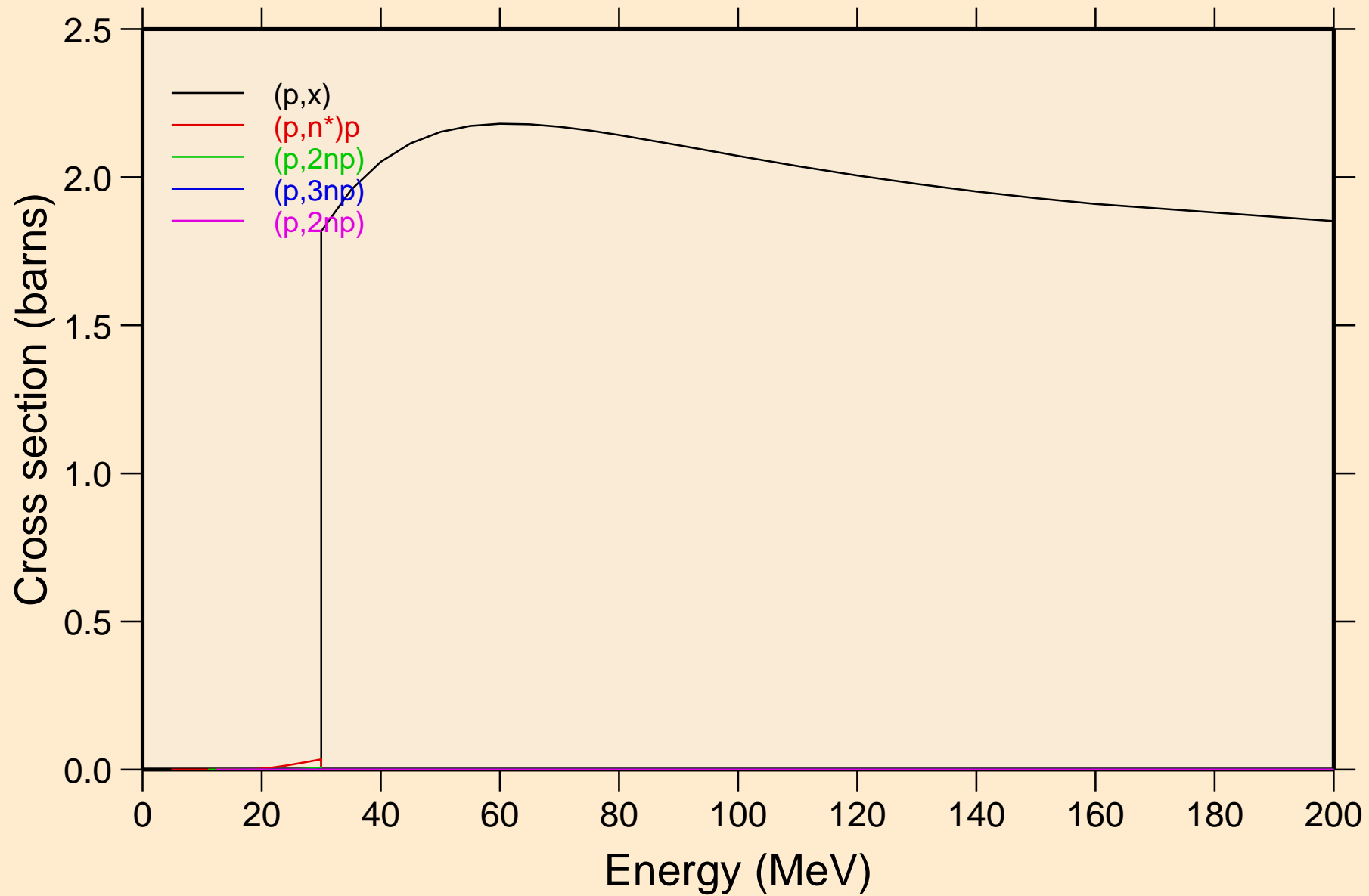


U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating

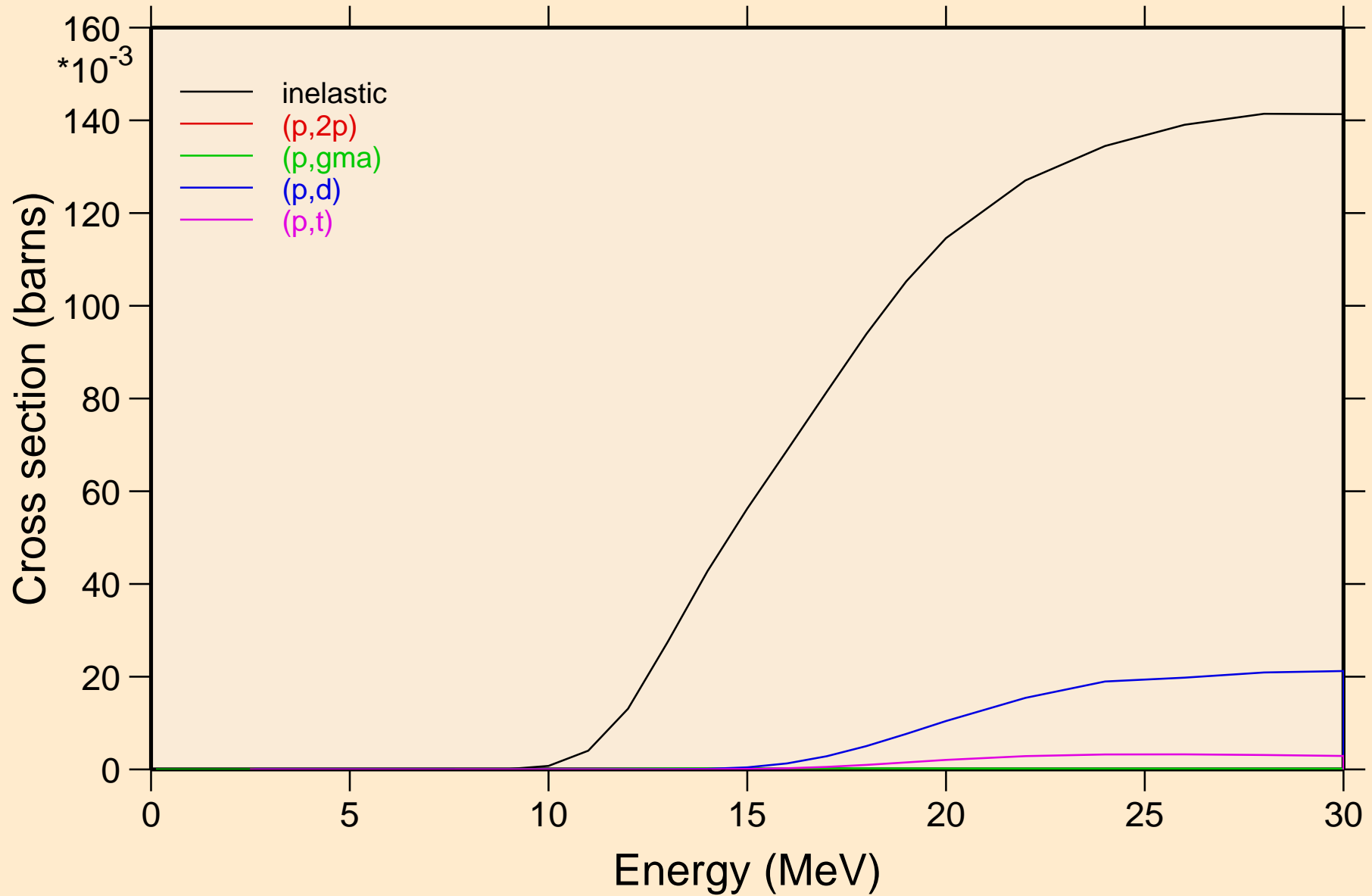


U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions

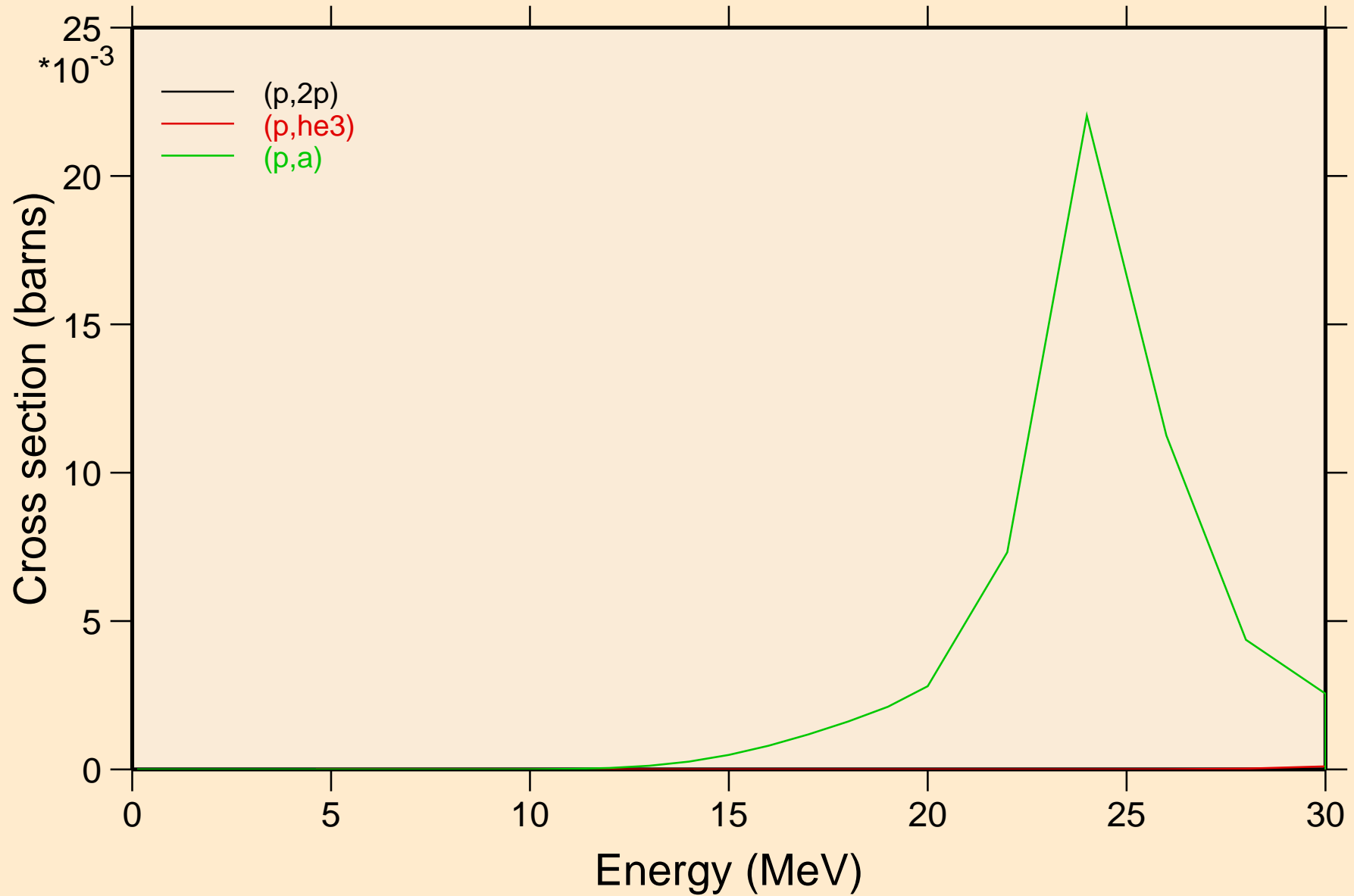


U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K

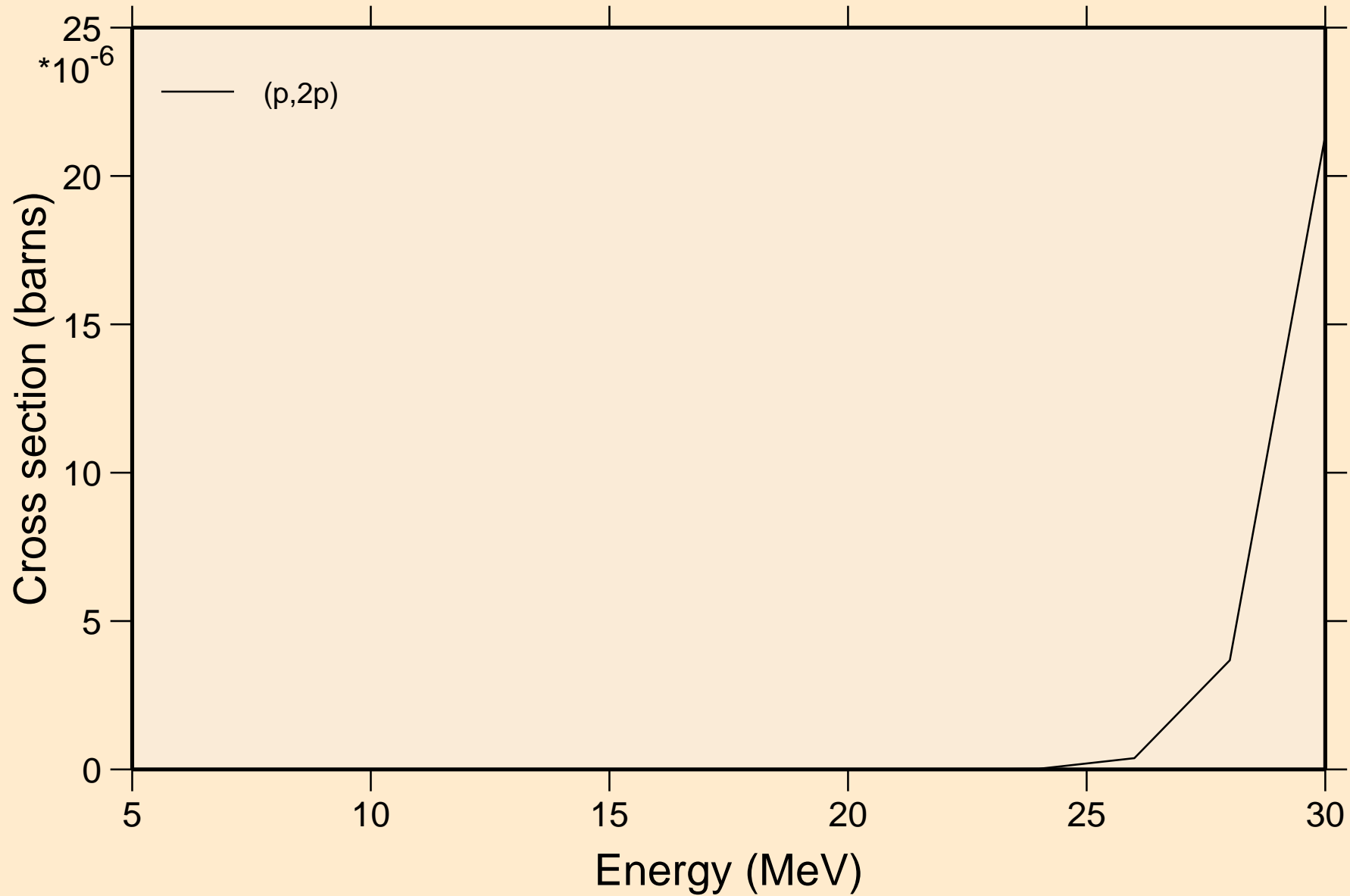
Threshold reactions



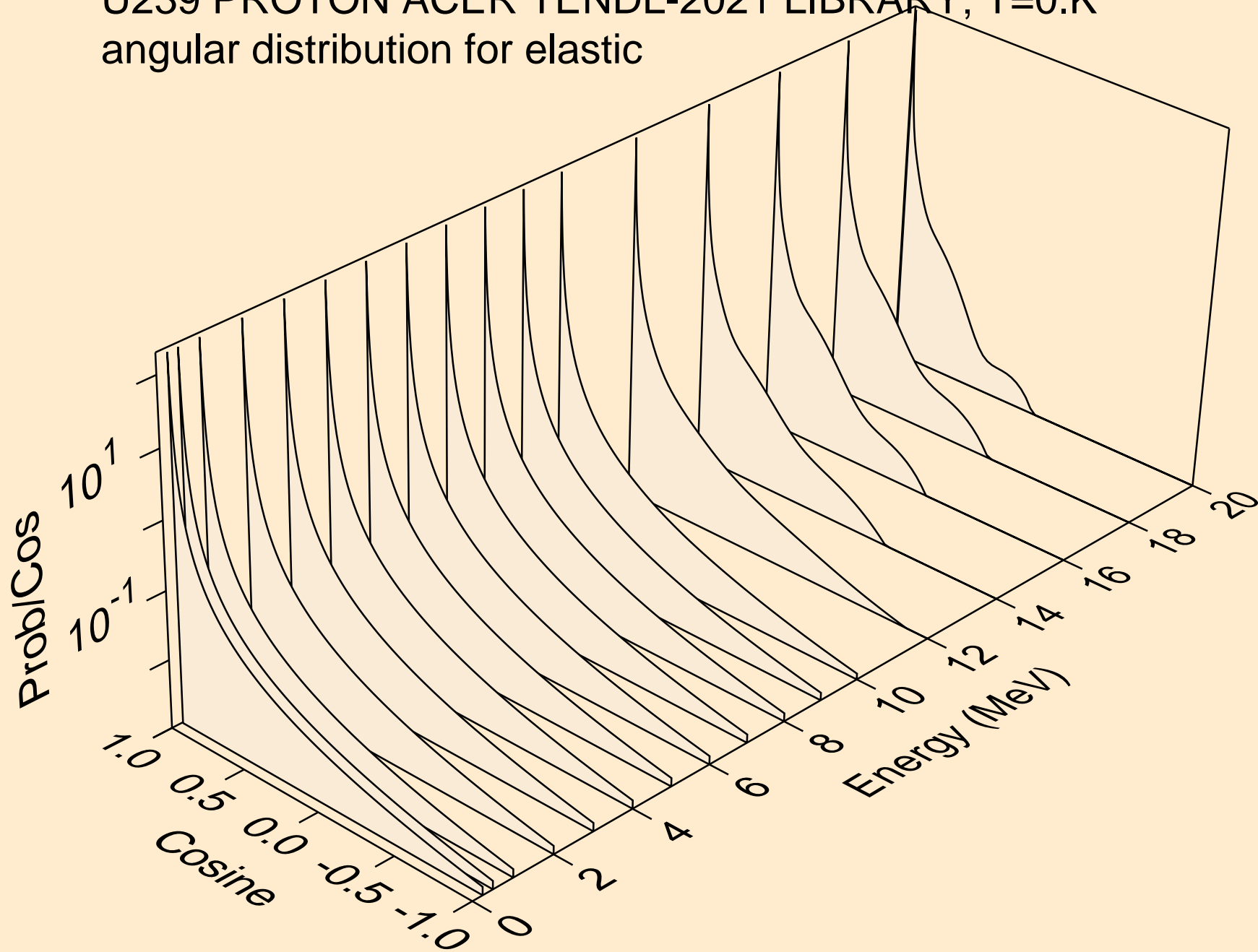
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



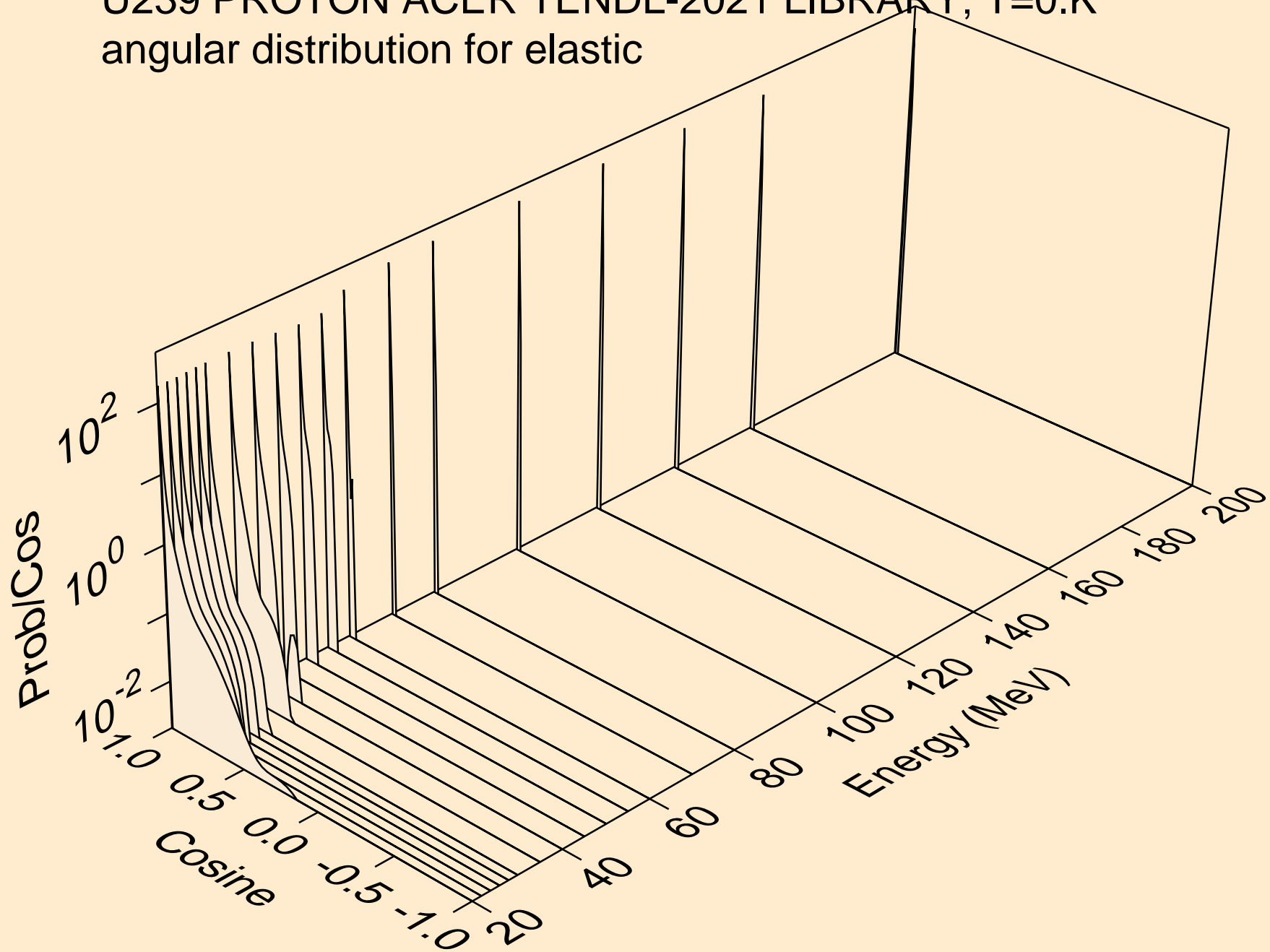
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



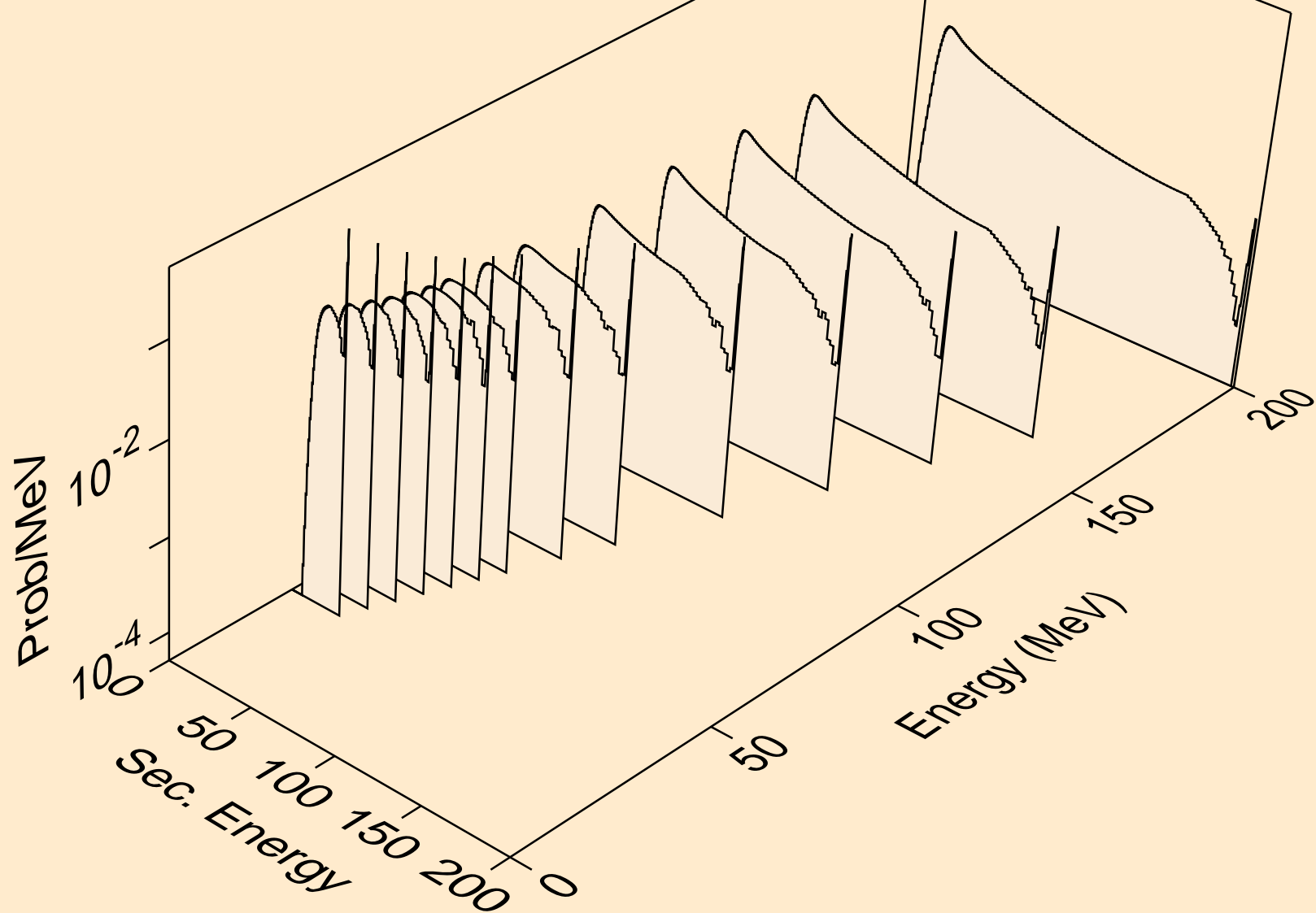
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



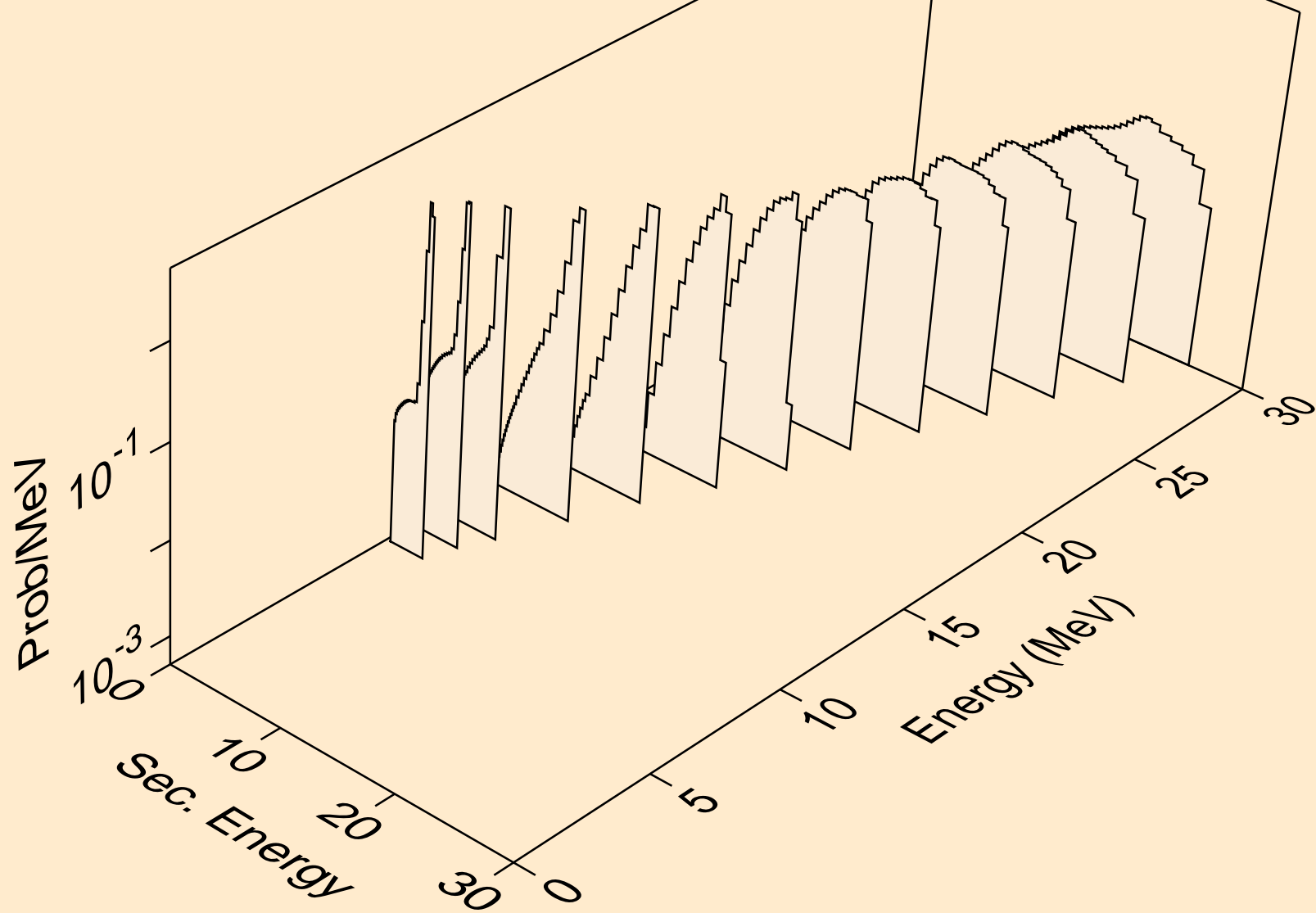
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



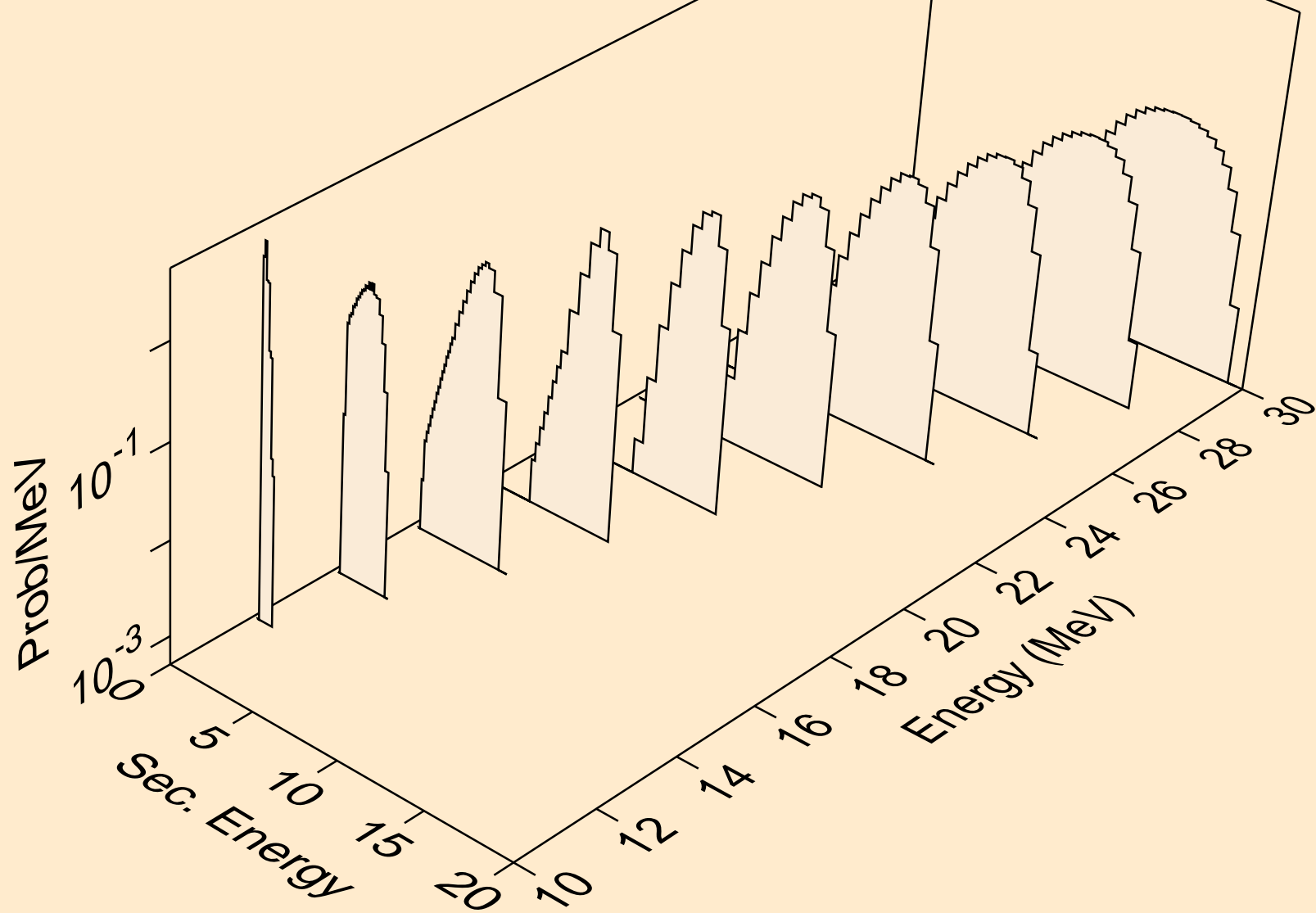
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,x)



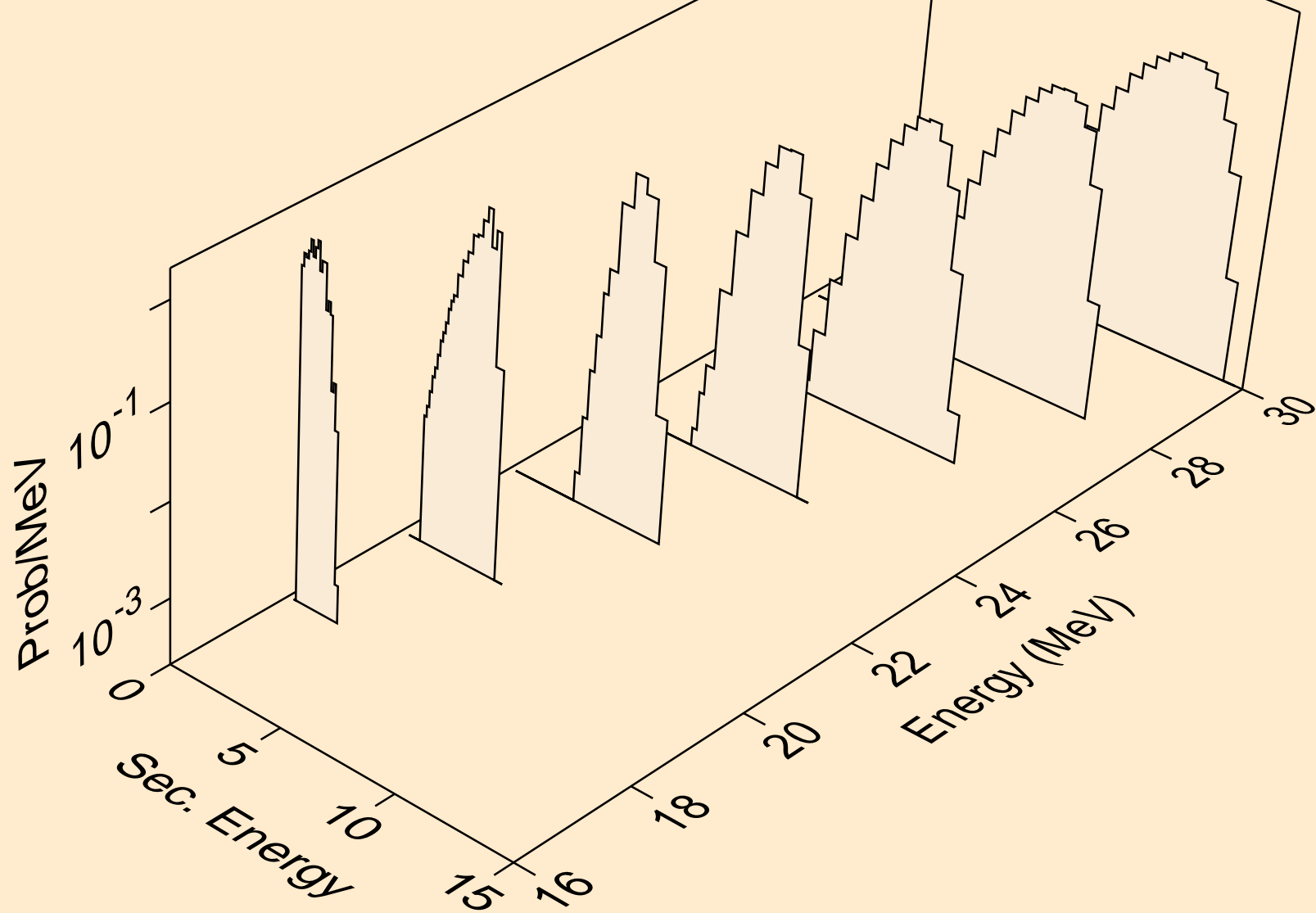
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,n*)p



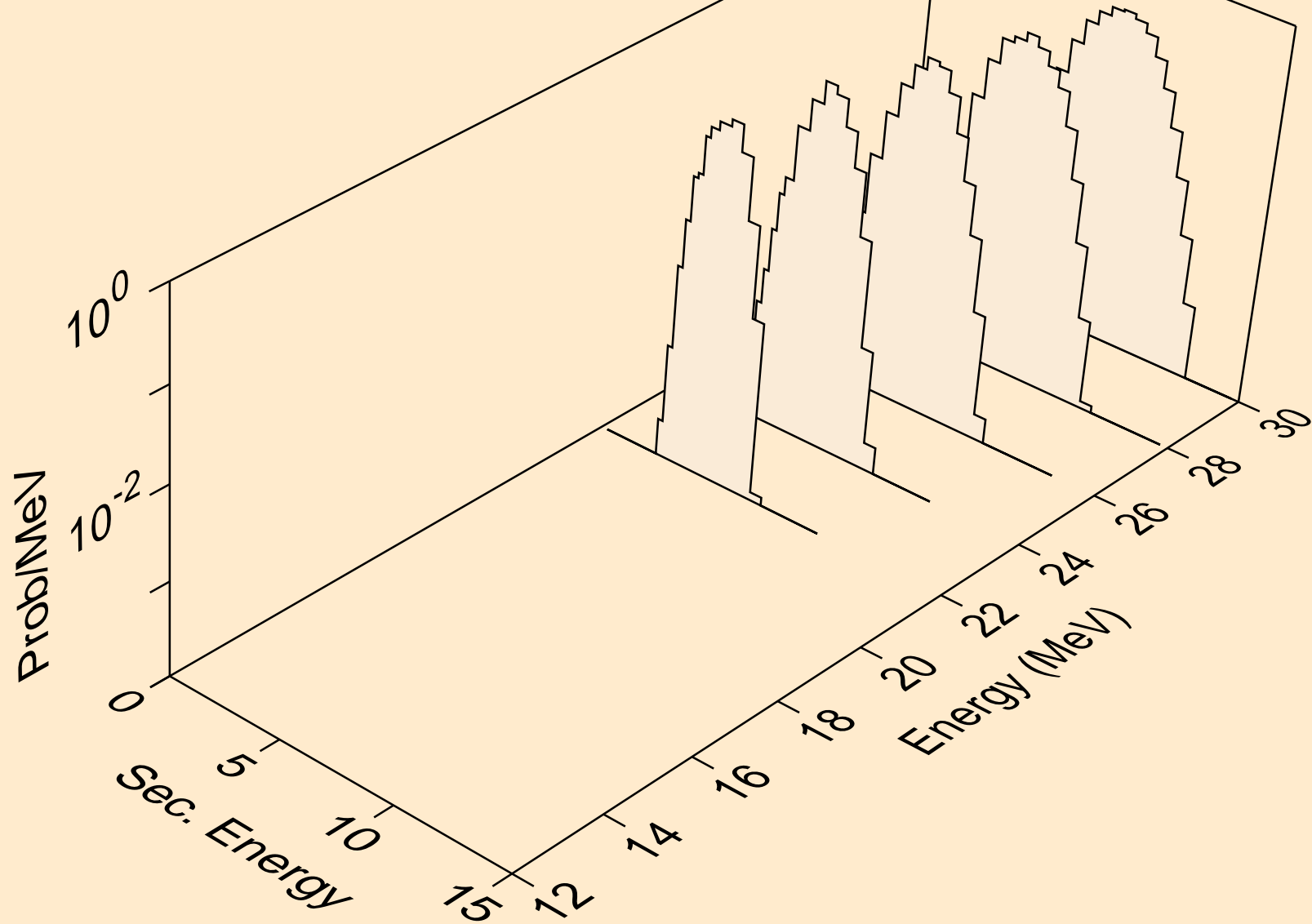
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,2np)



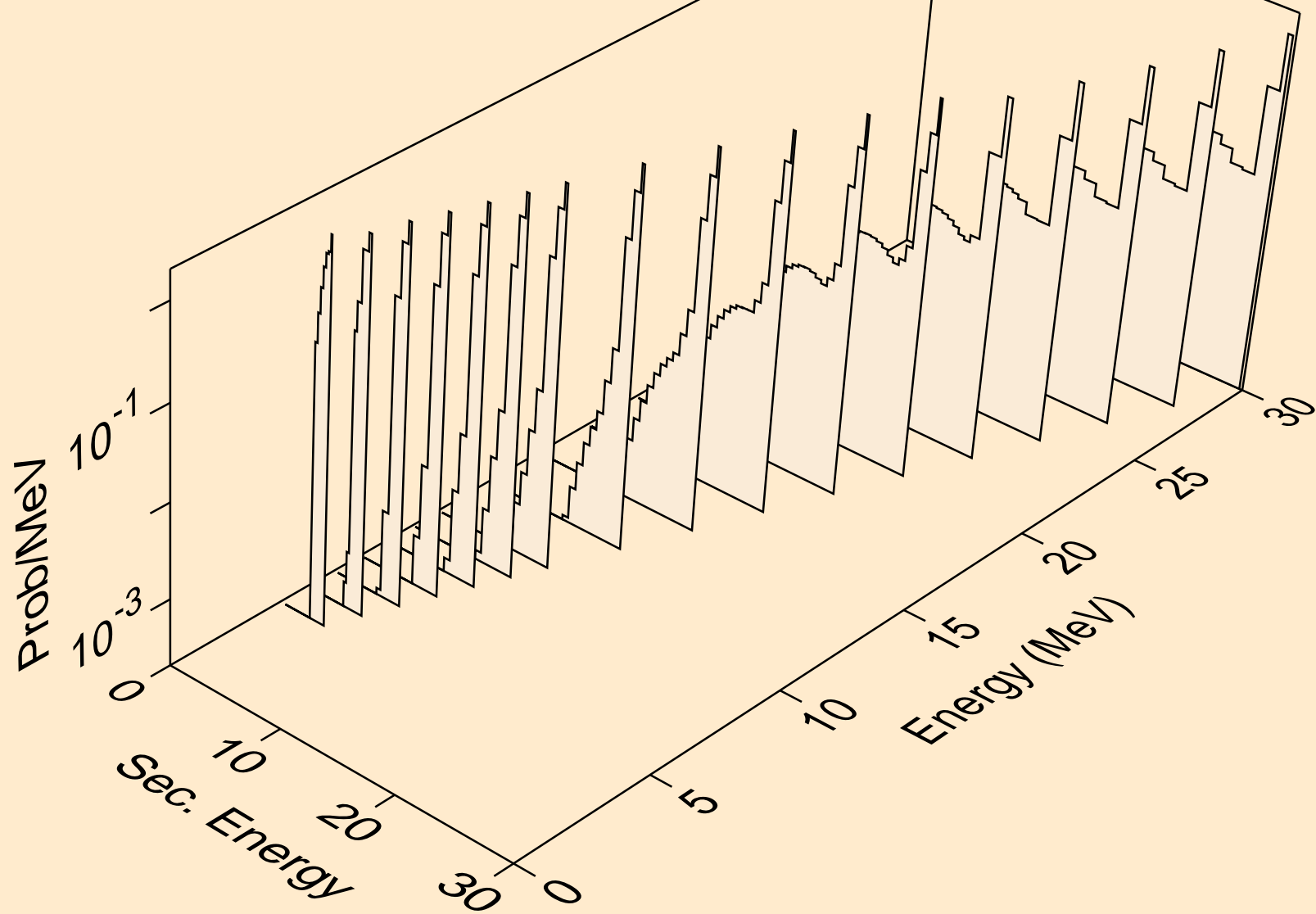
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,3np)



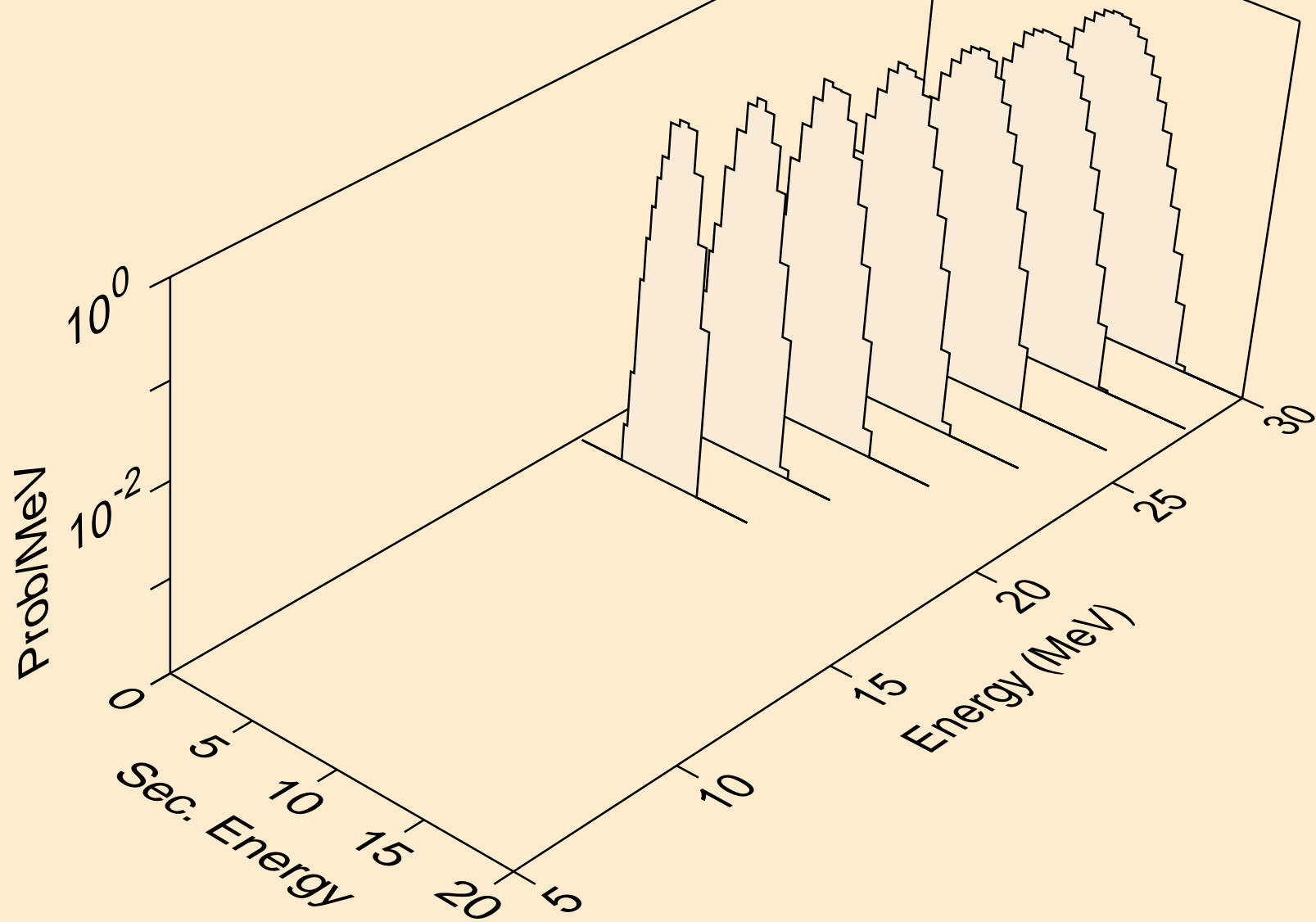
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,2np)



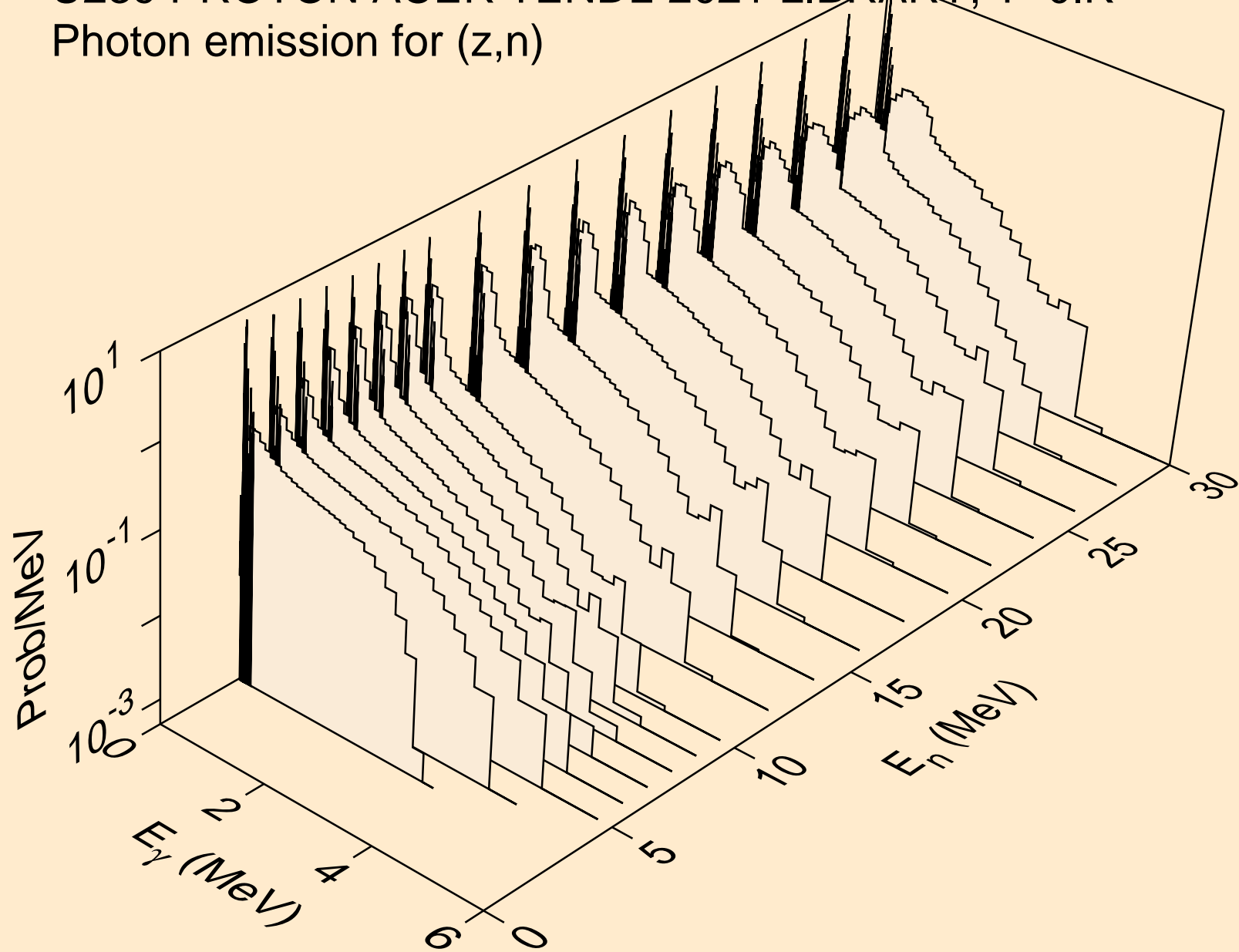
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for inelastic



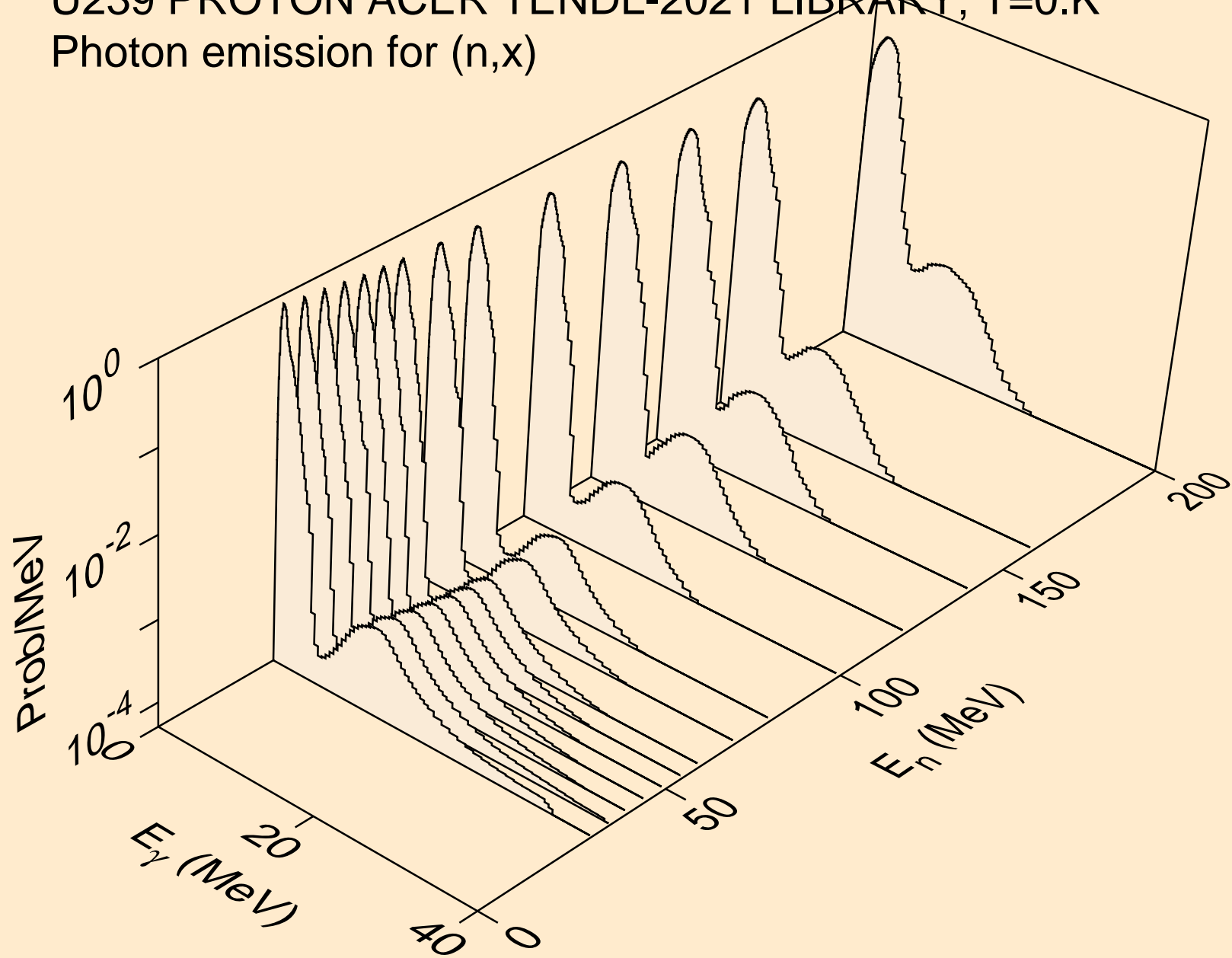
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,2p)



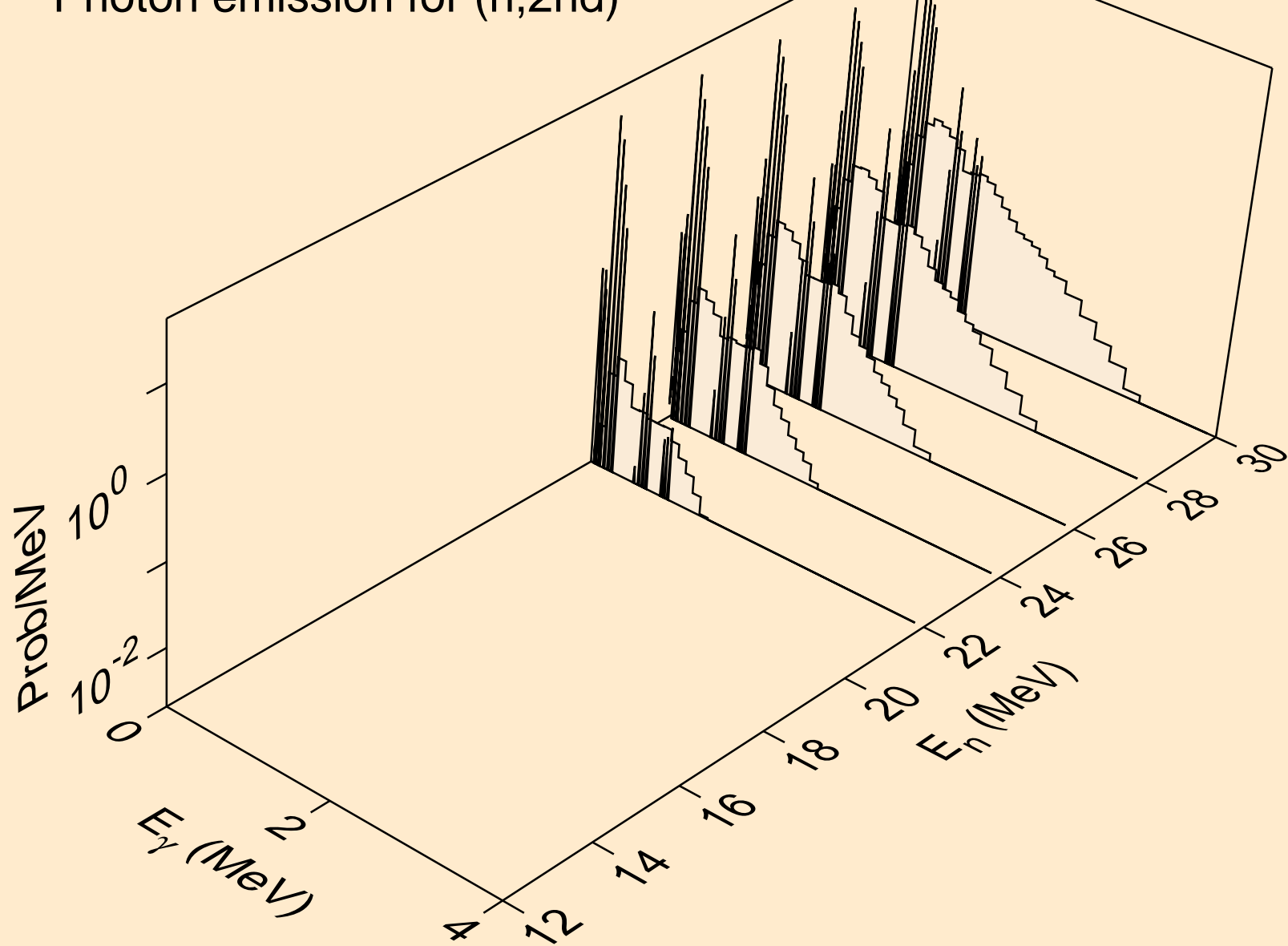
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



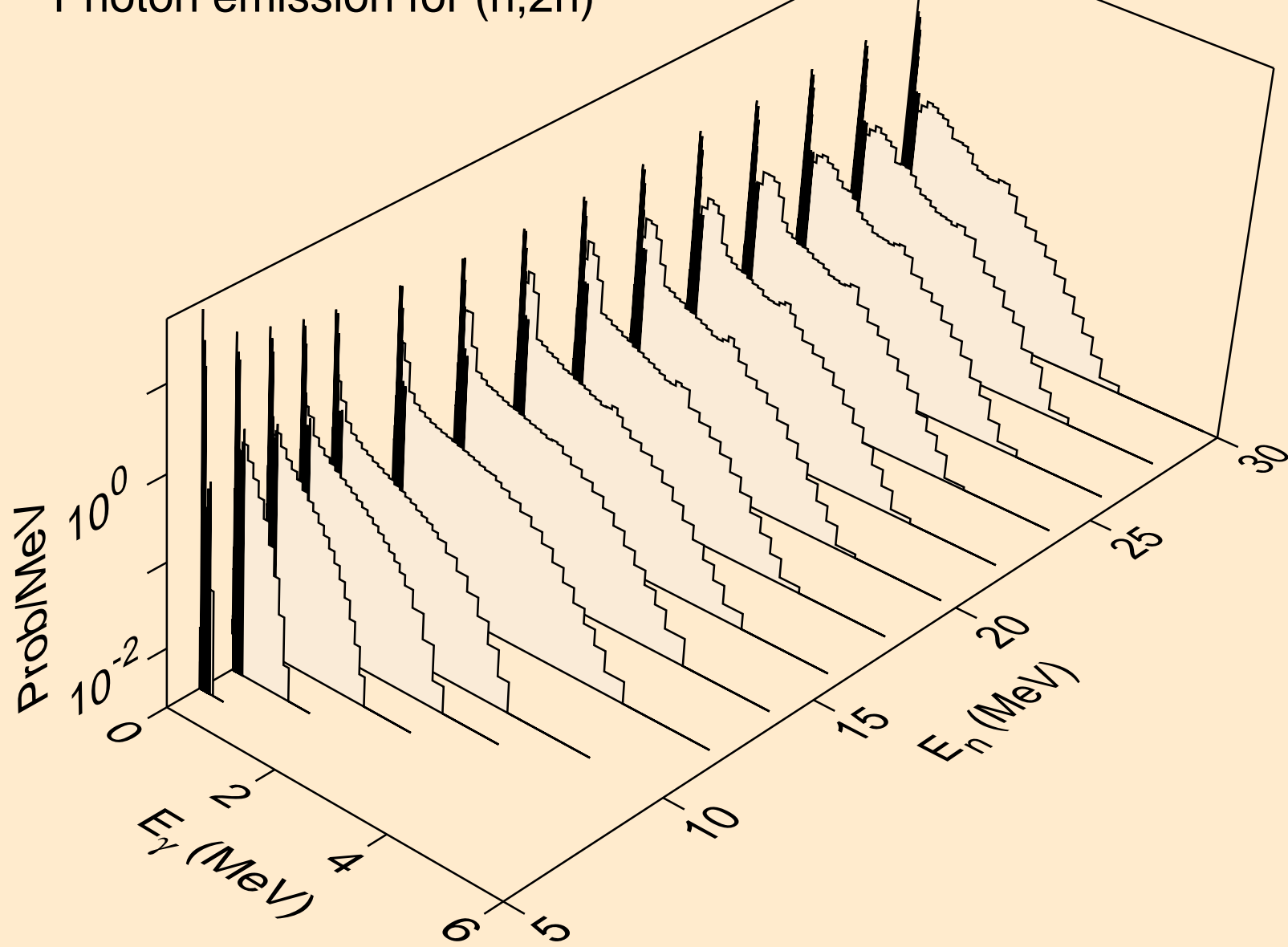
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



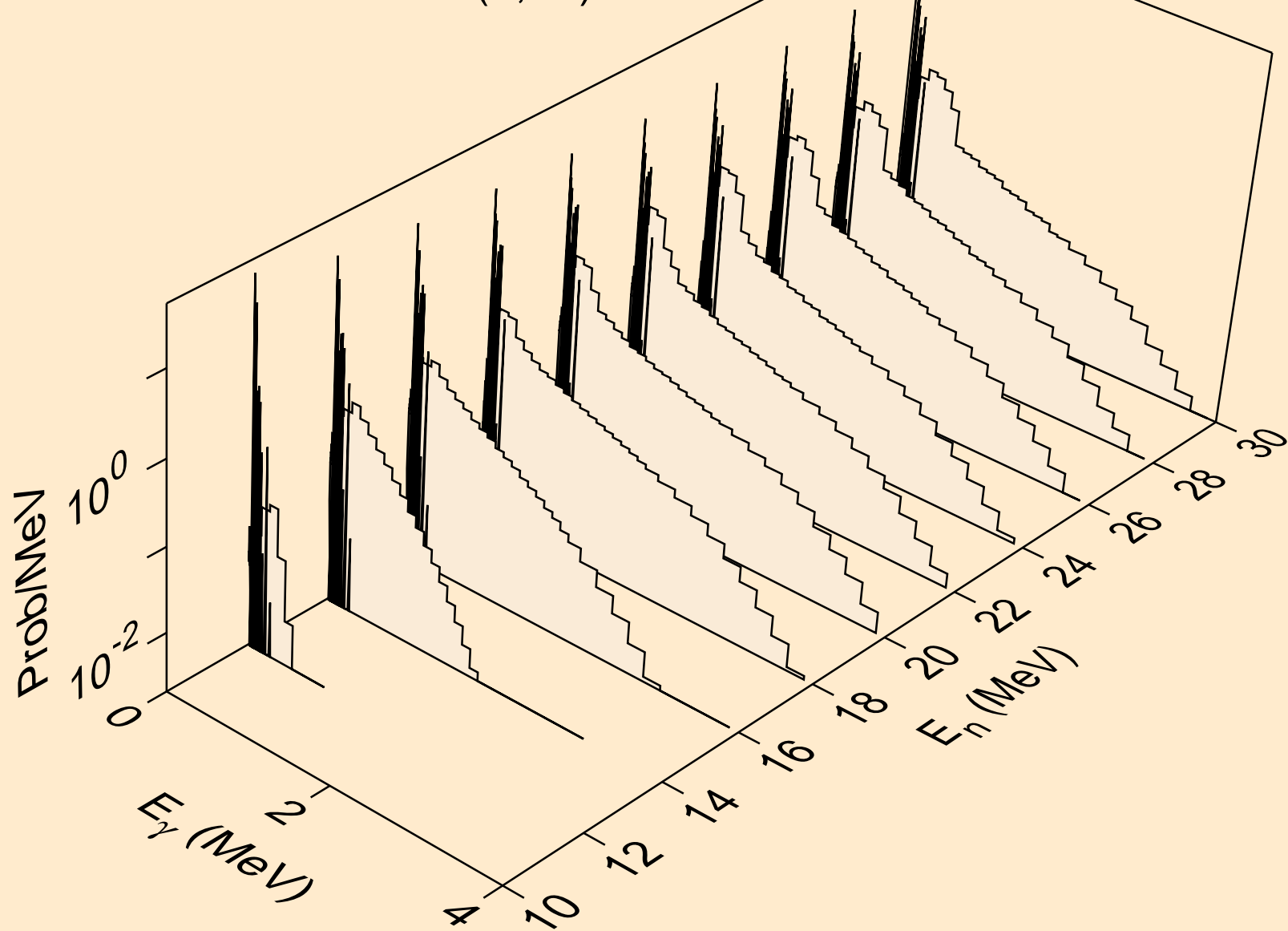
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2nd)



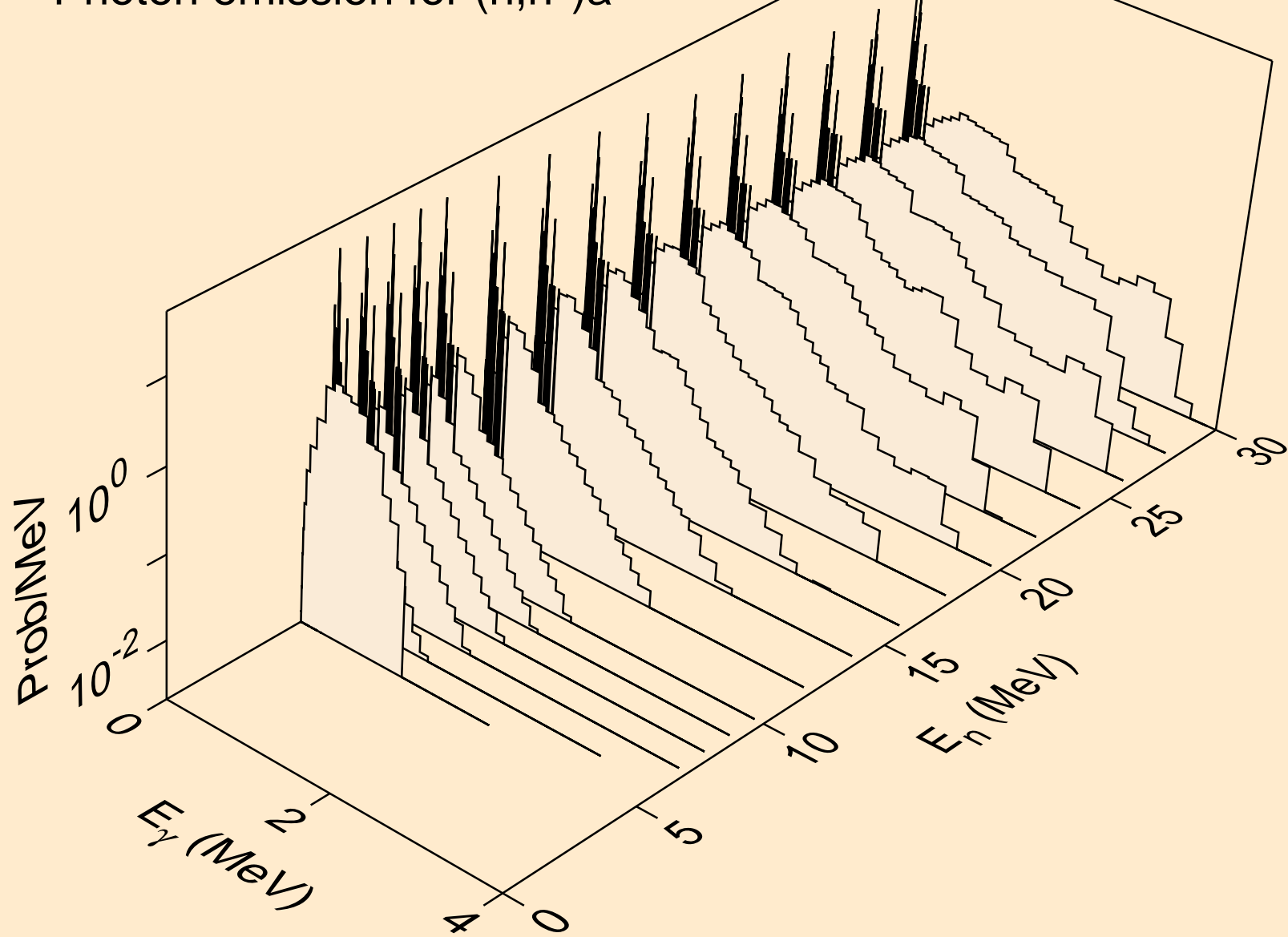
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)



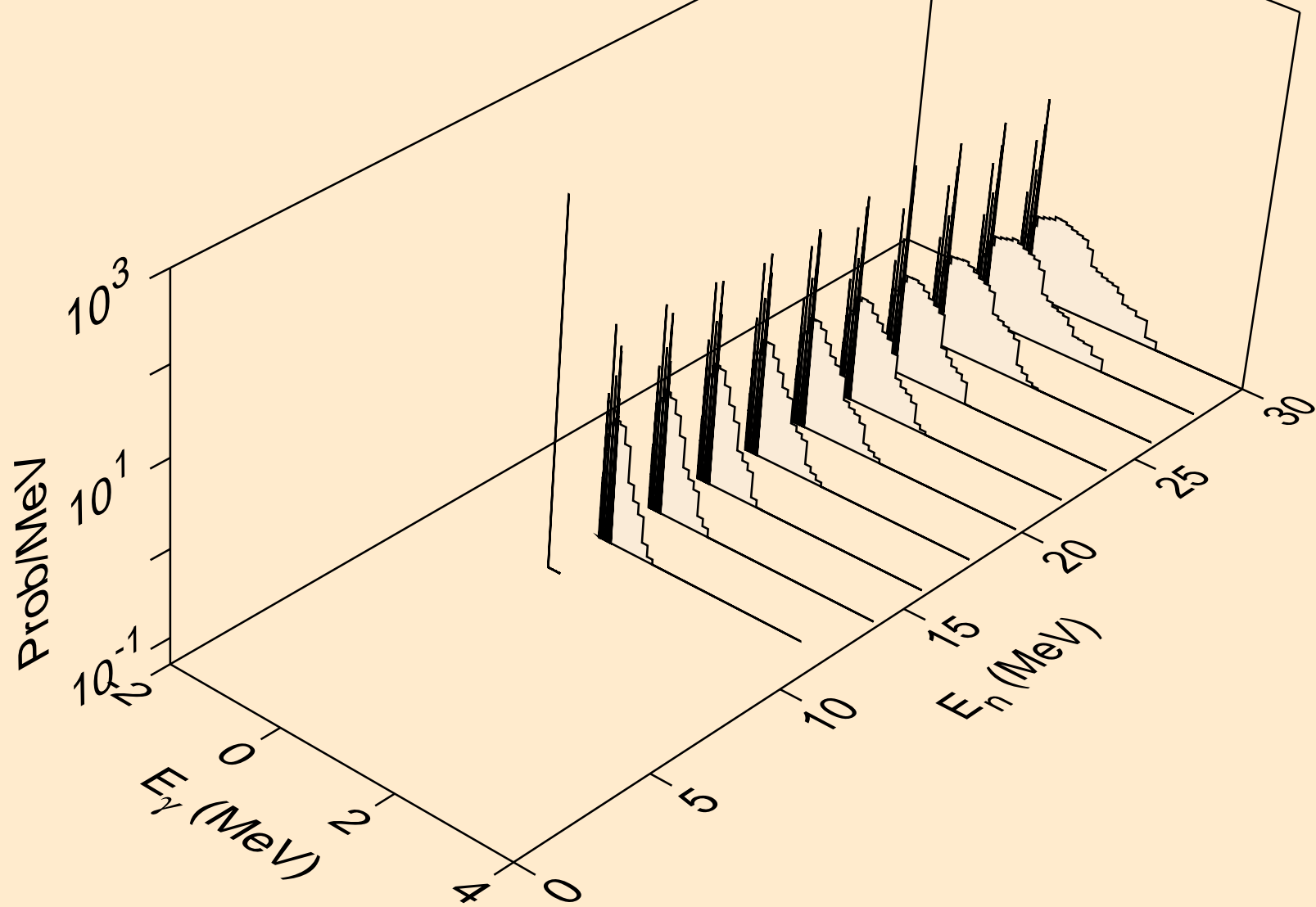
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)



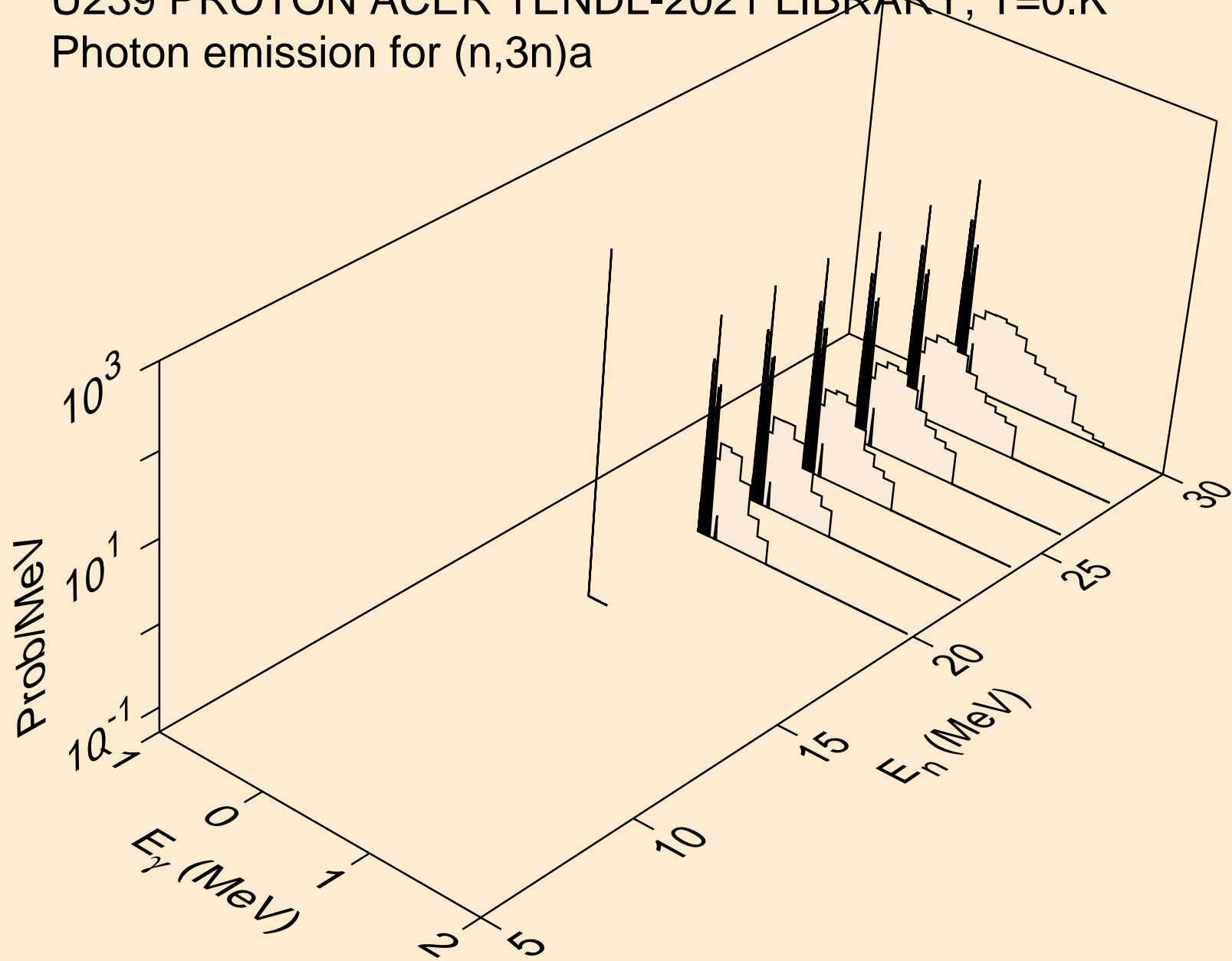
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)a



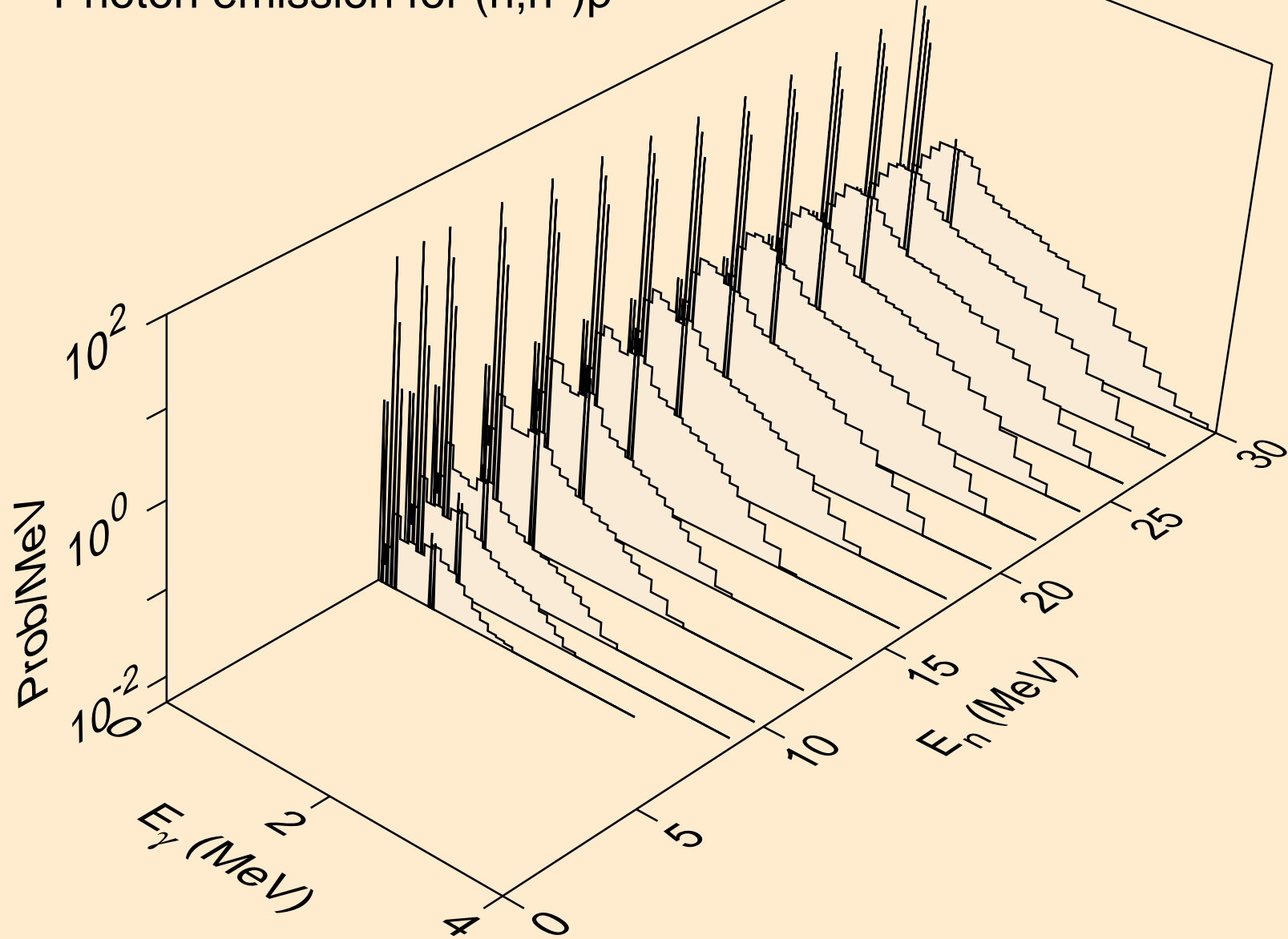
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)a



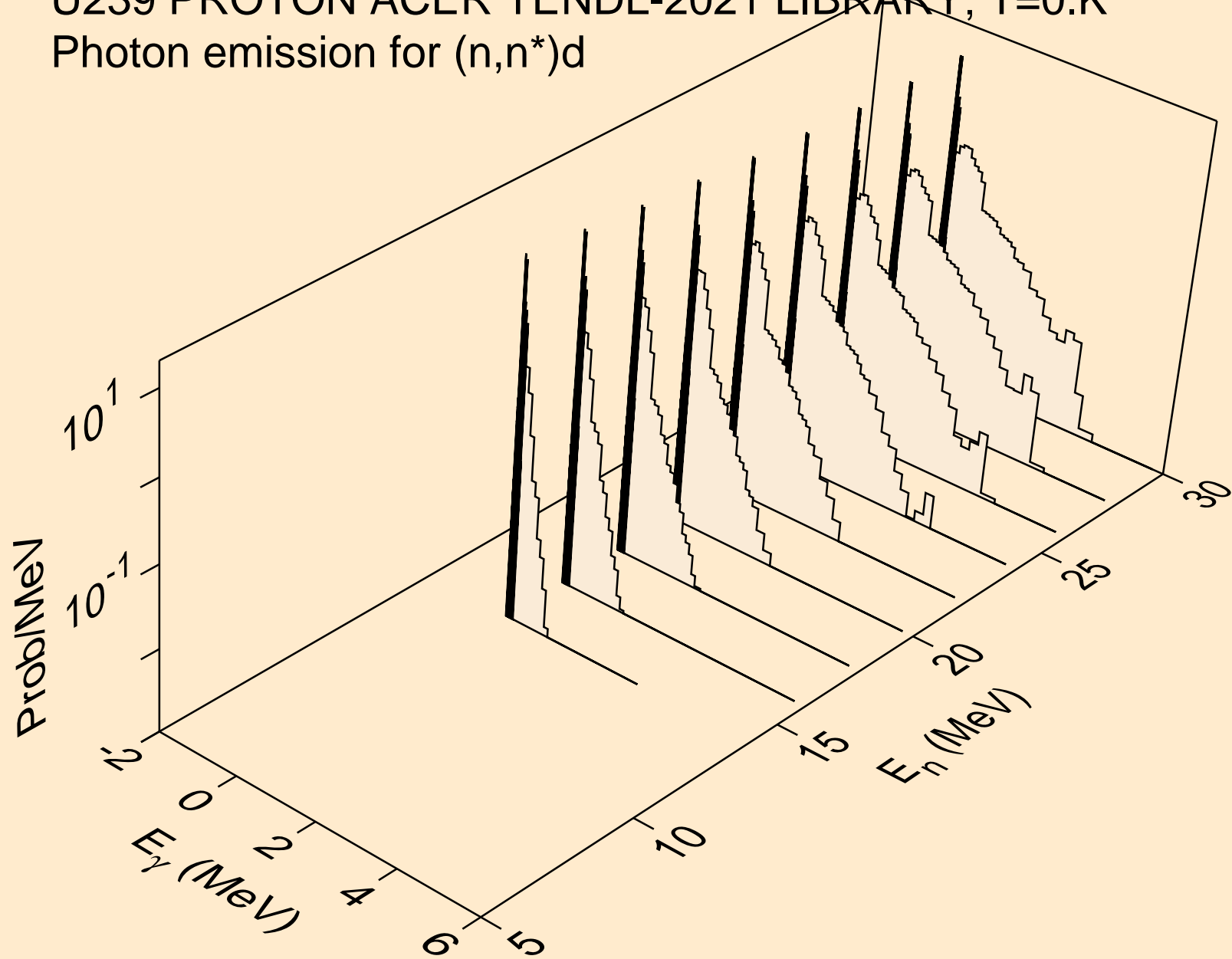
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Photon emission for (n,3n)a



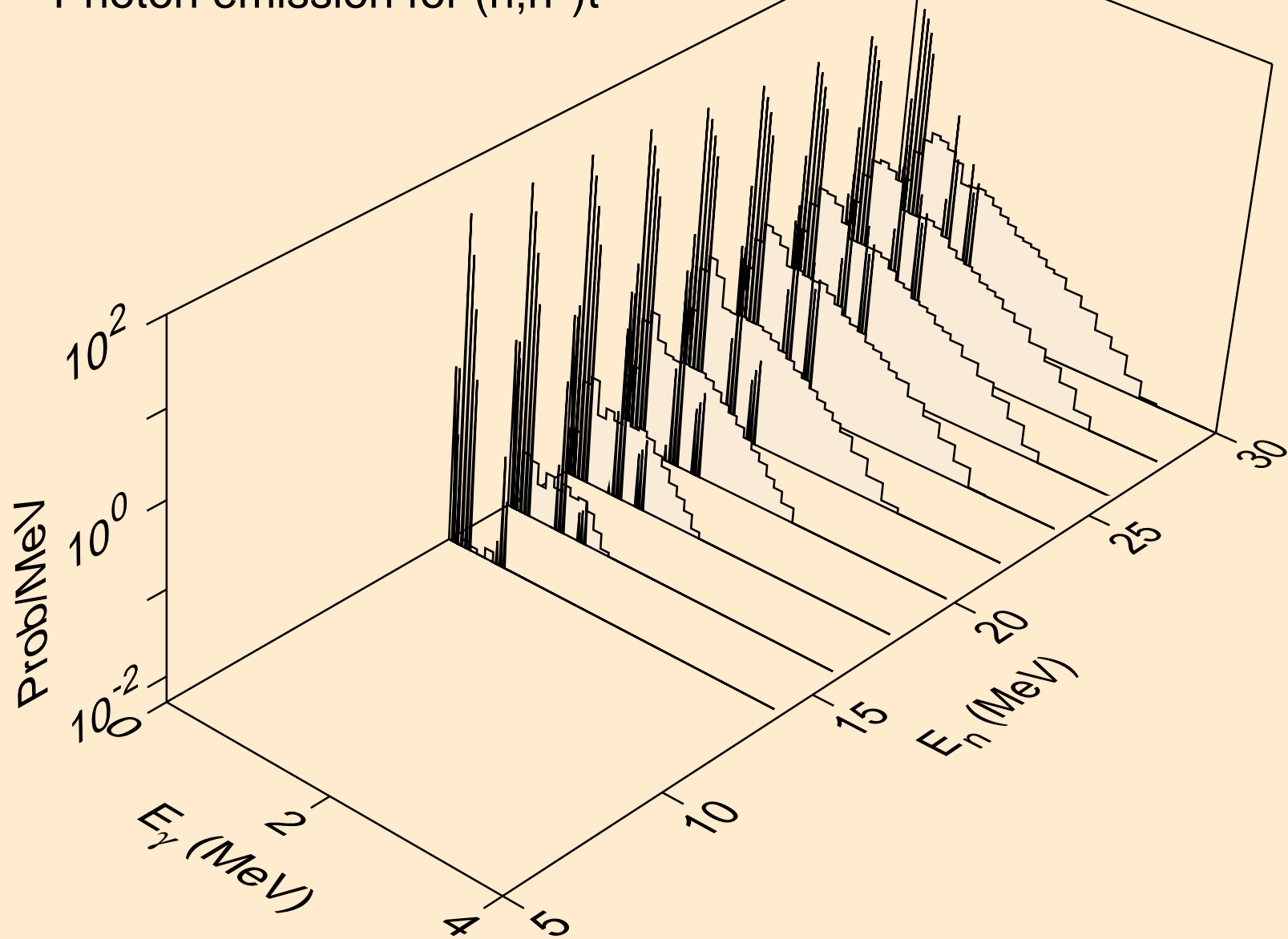
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)p



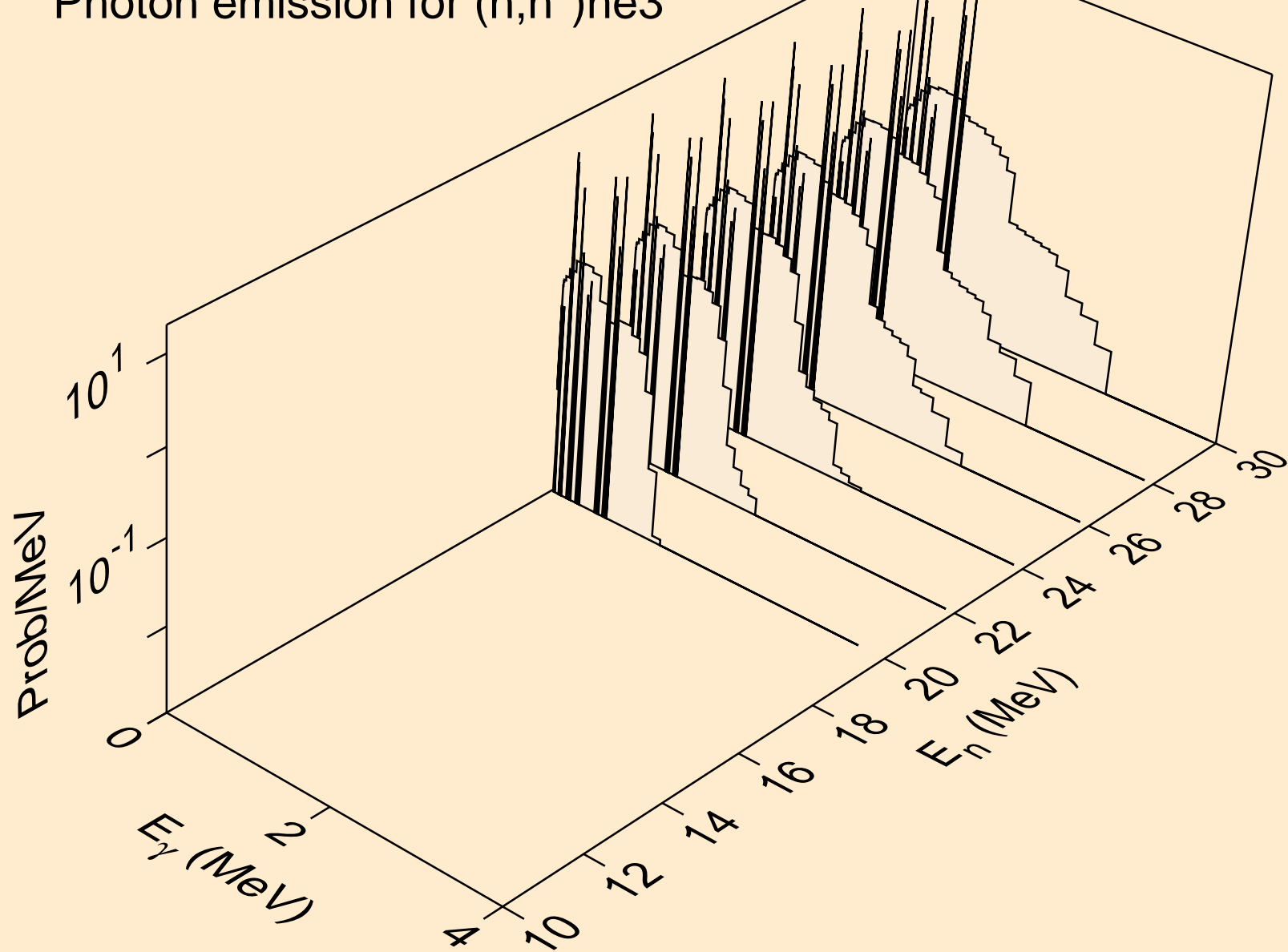
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Photon emission for (n,n*)d



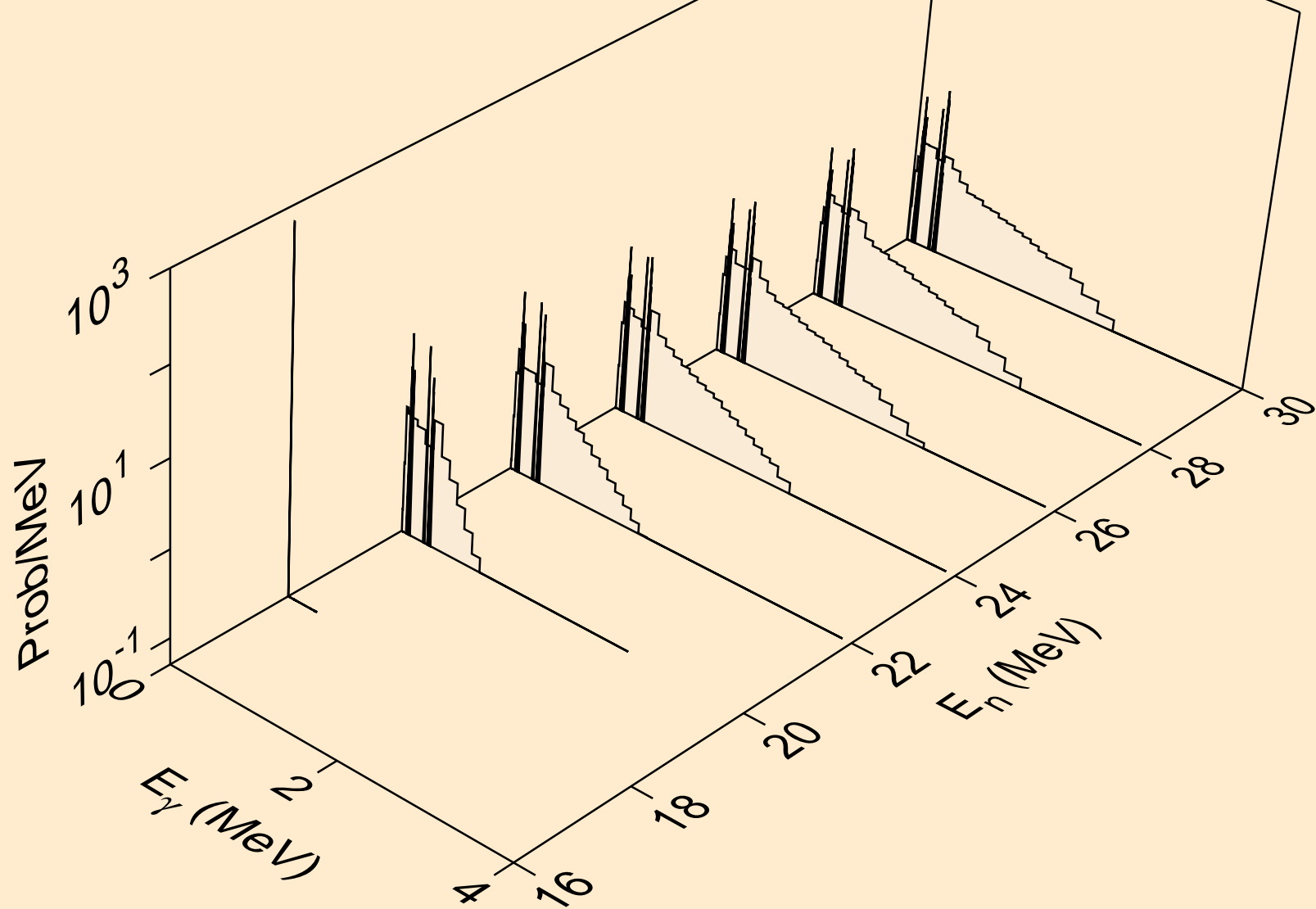
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)t



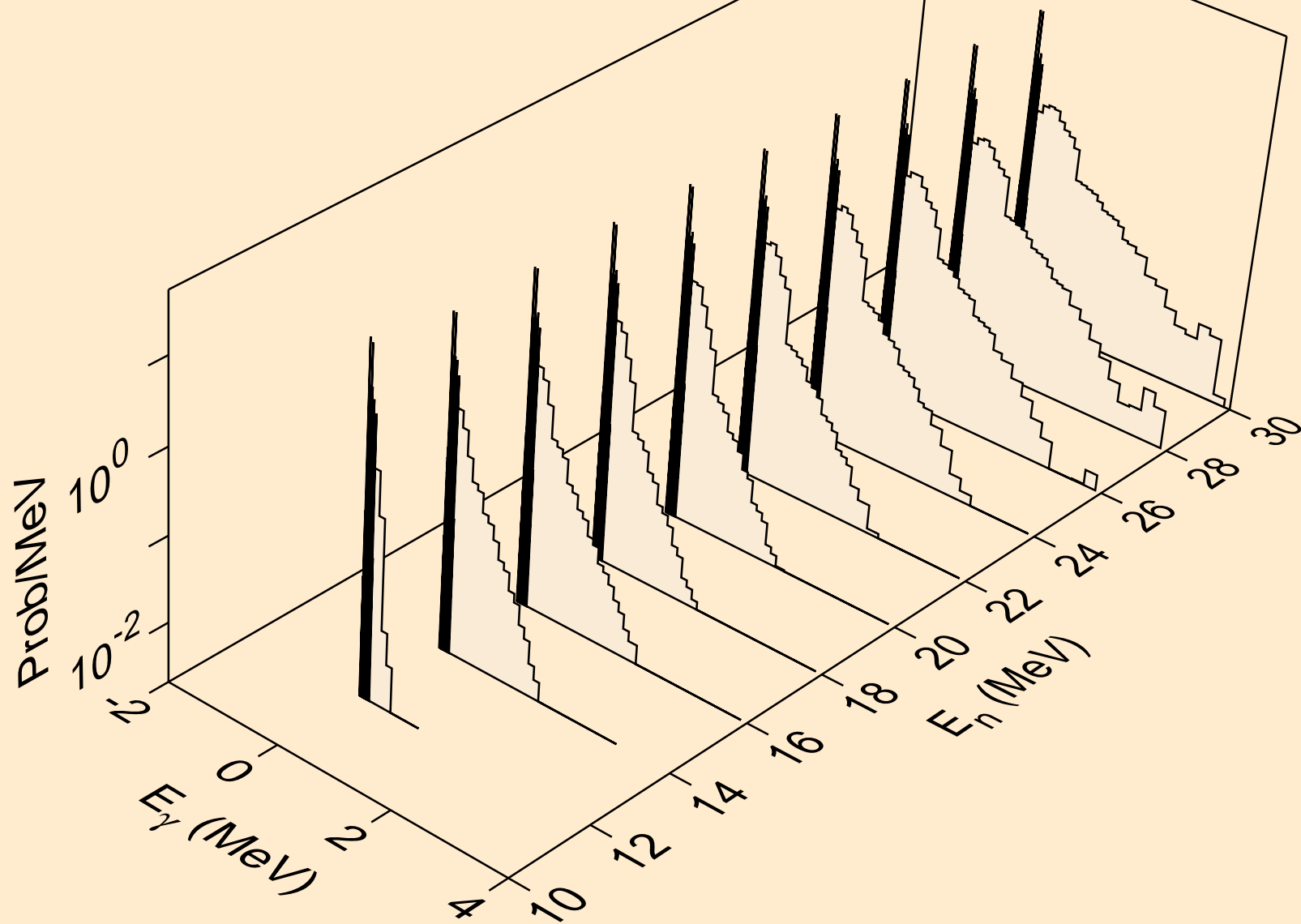
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)he3



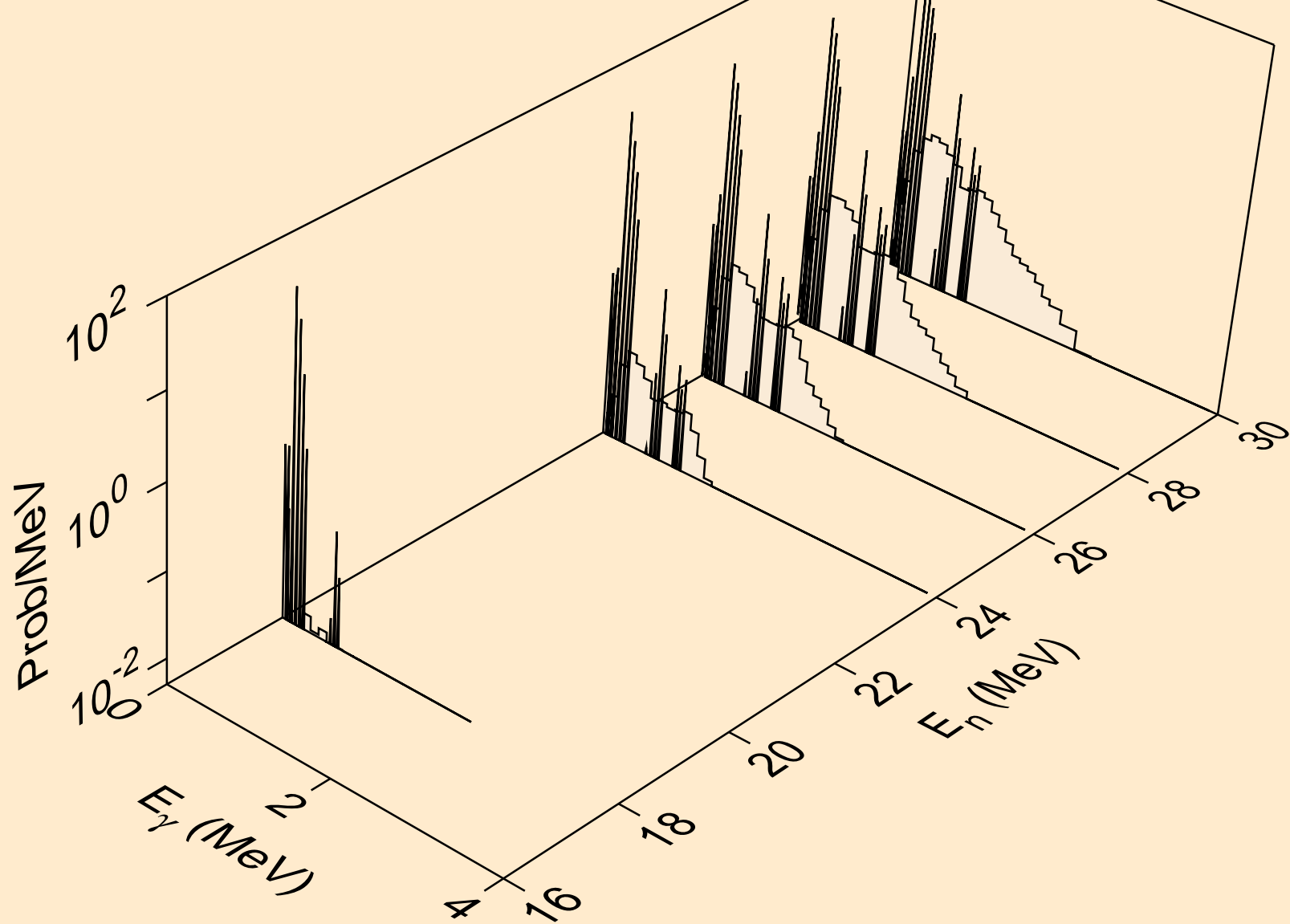
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,4n)



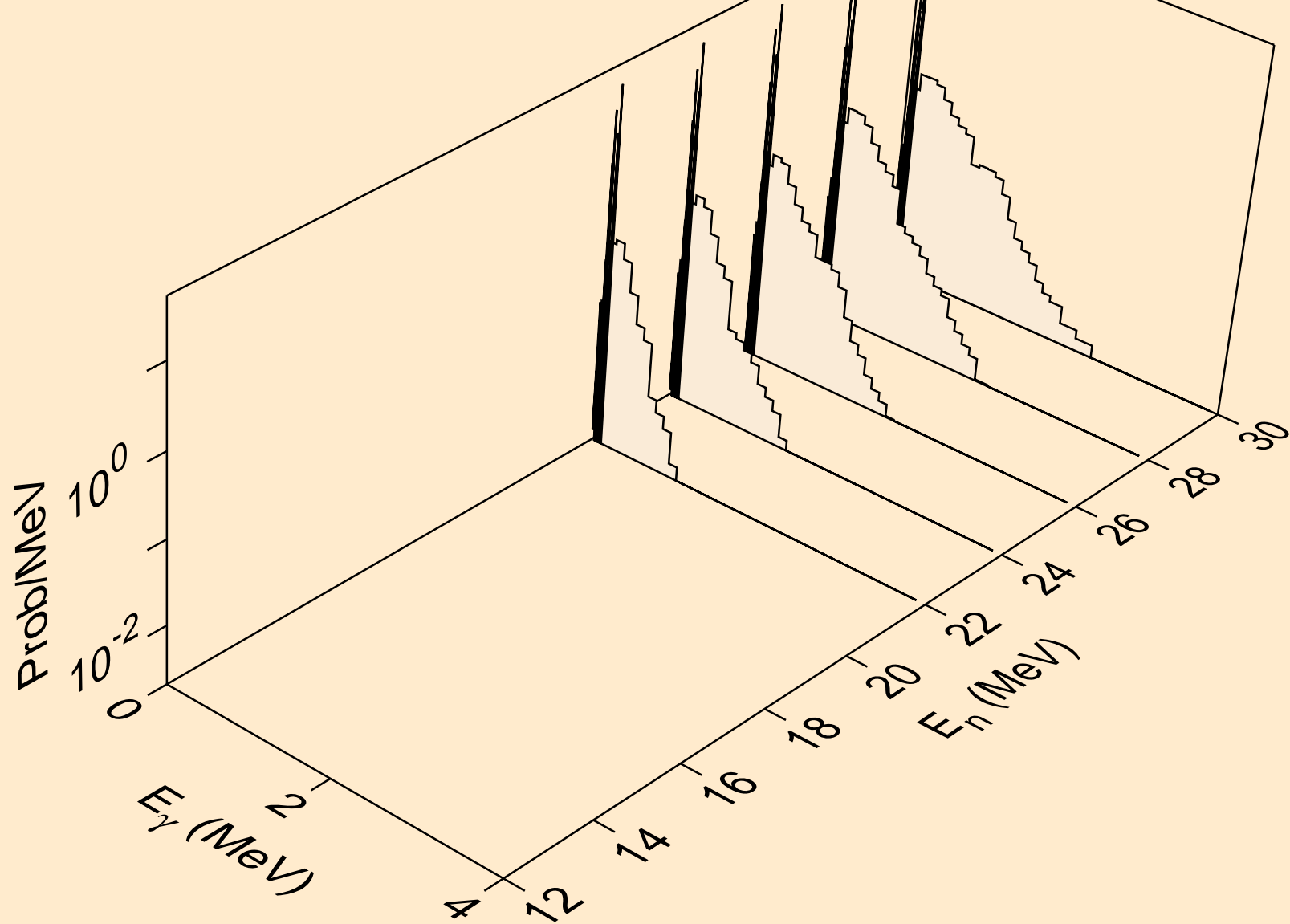
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Photon emission for (n,2np)



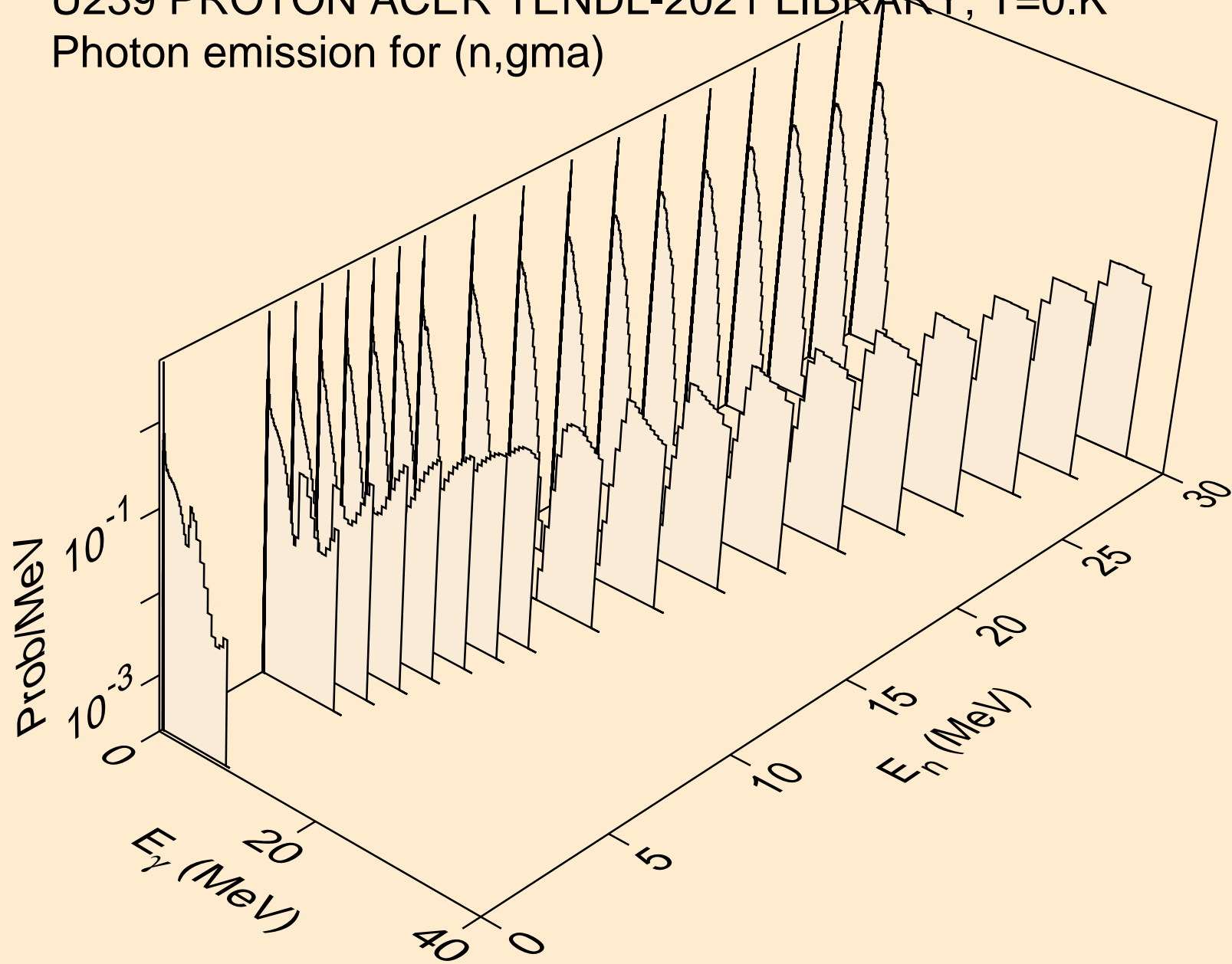
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Photon emission for (n,3np)



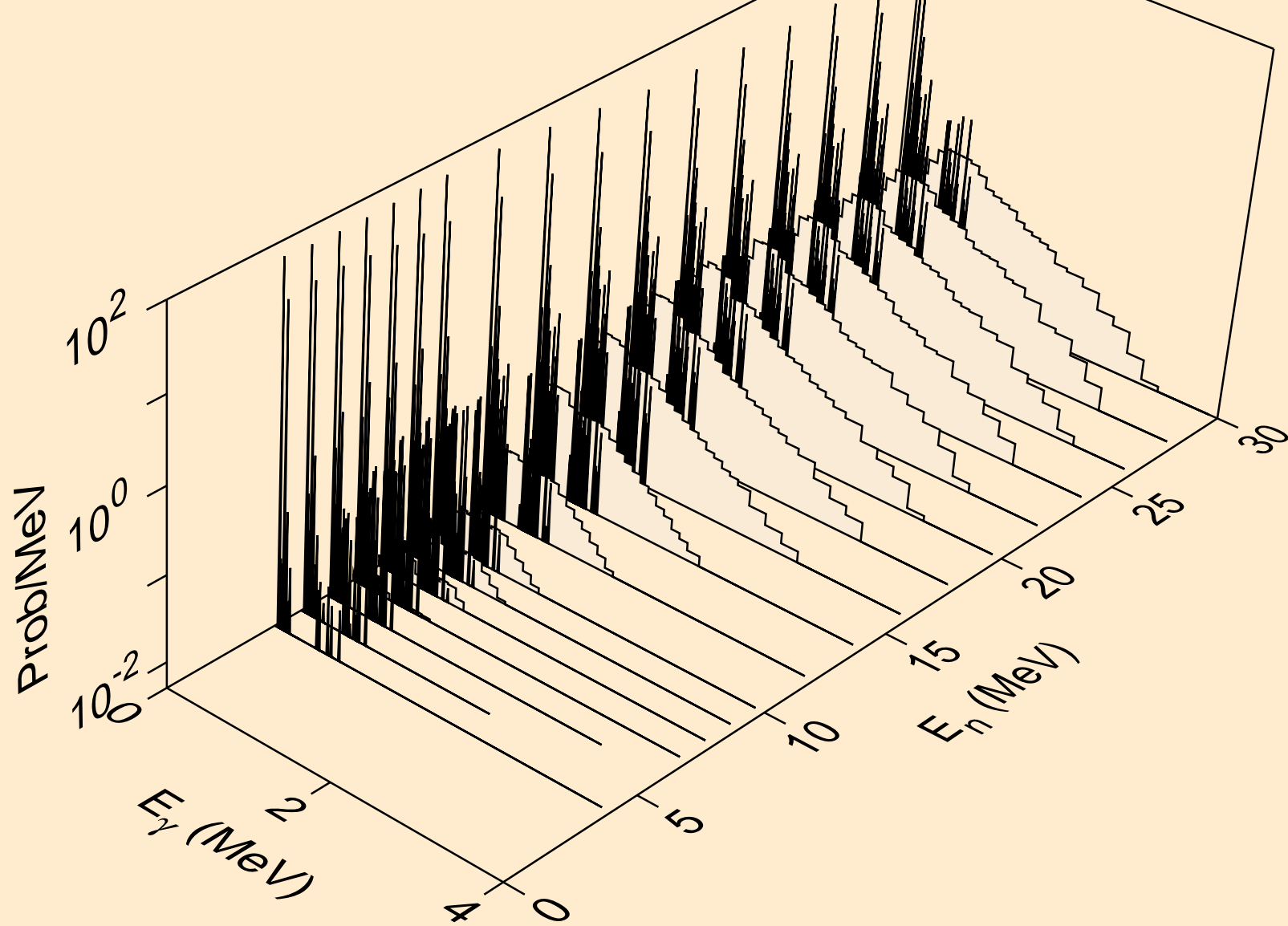
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Photon emission for (n,2np)



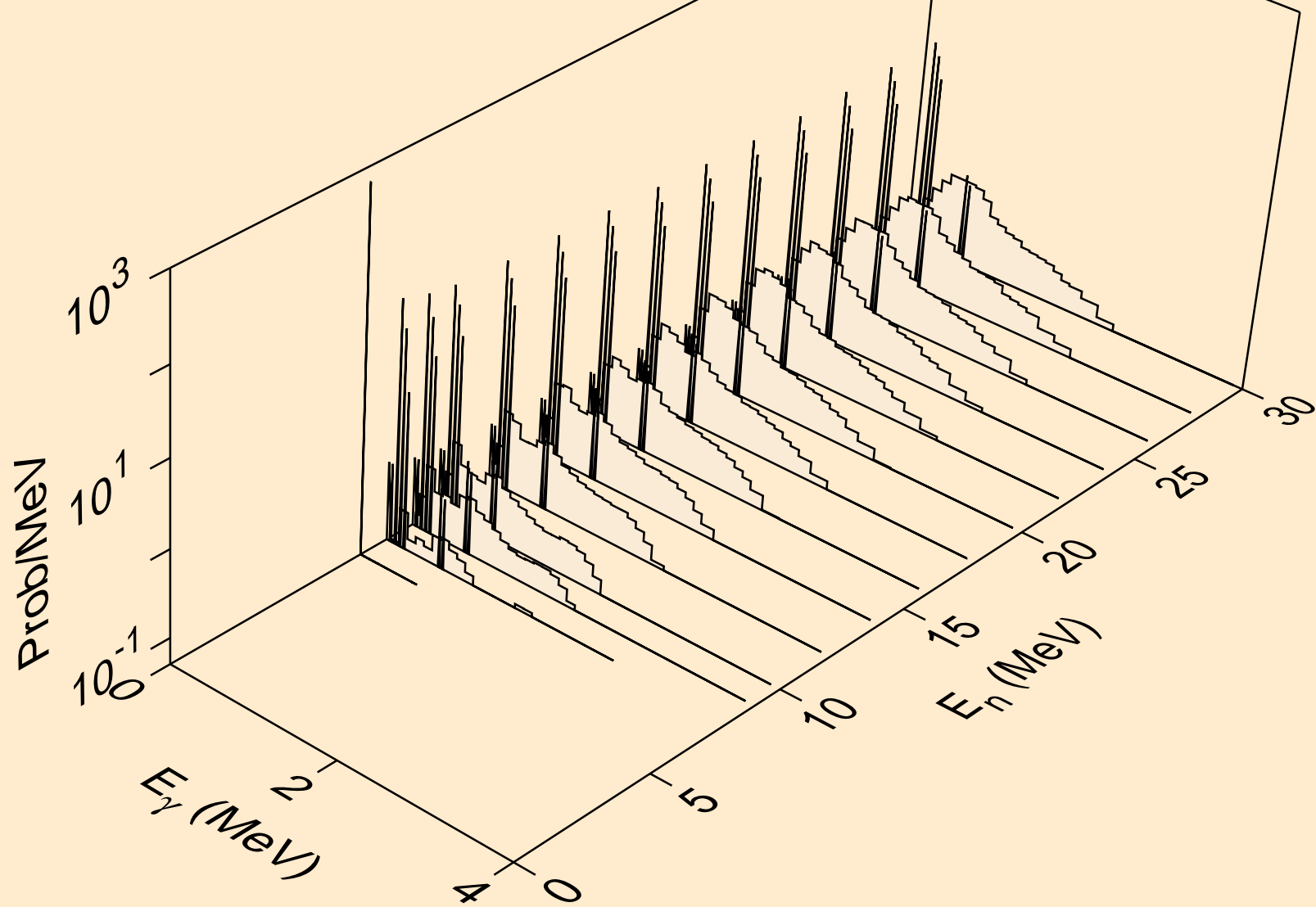
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Photon emission for (n,gma)



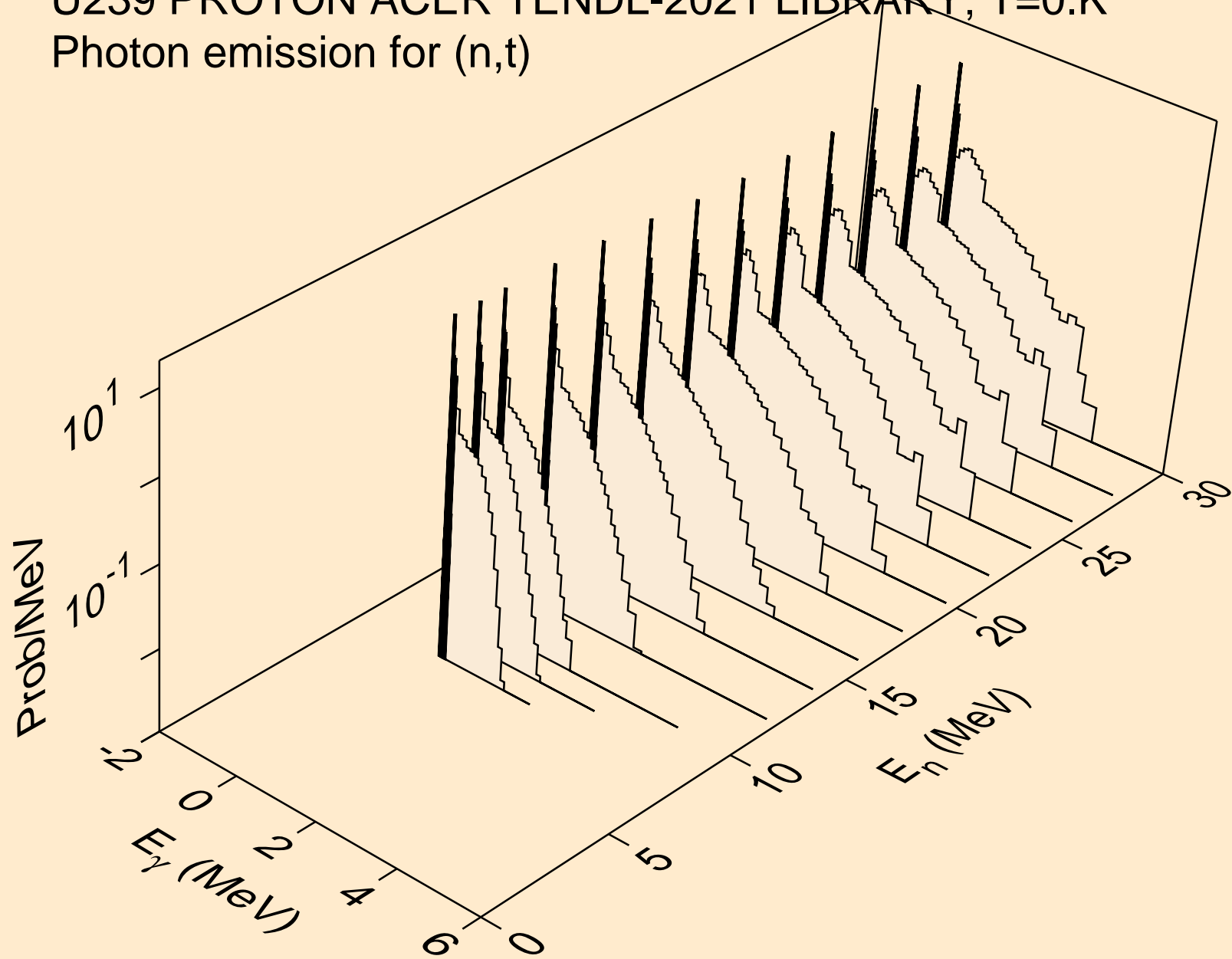
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



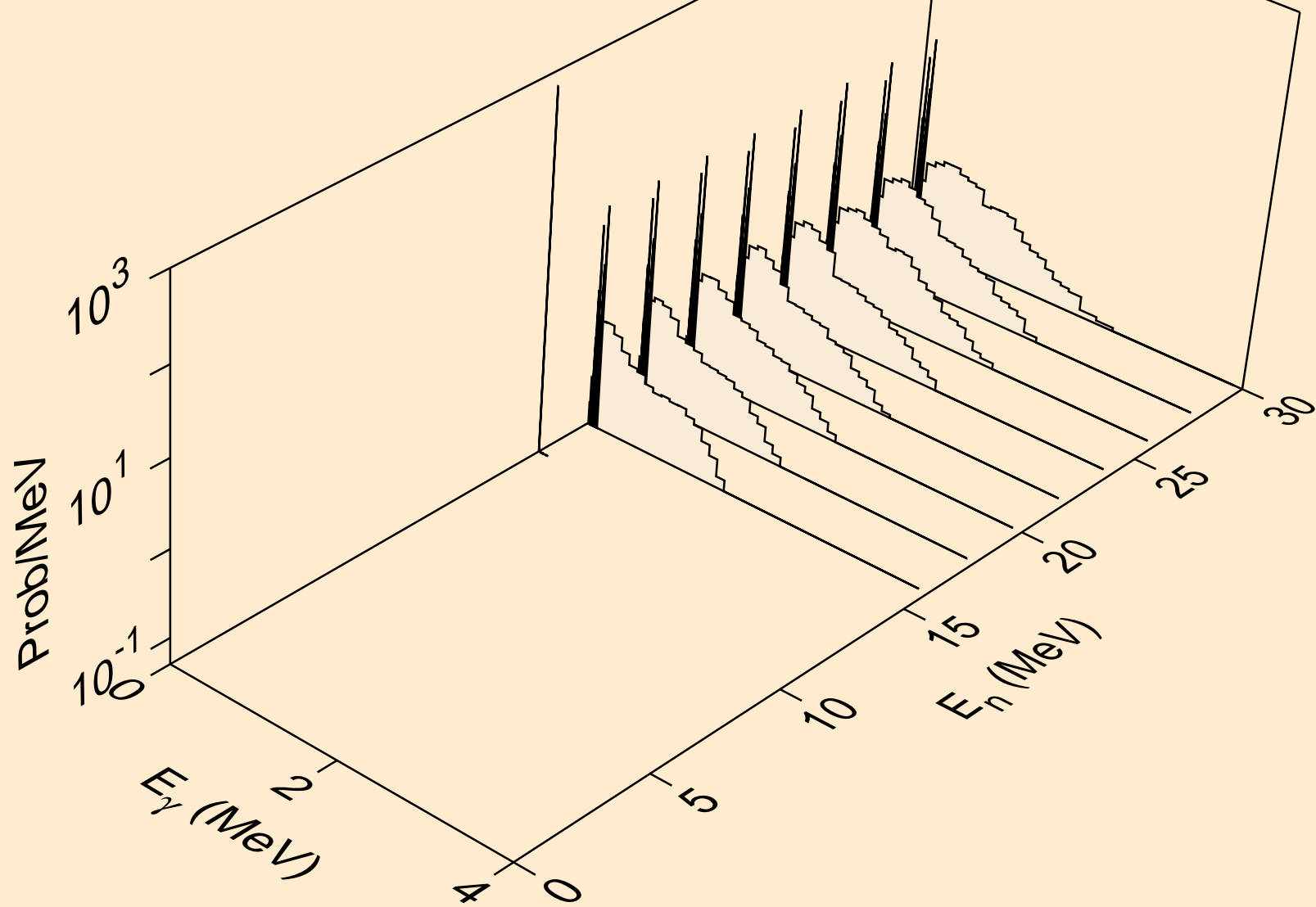
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Photon emission for (n,d)



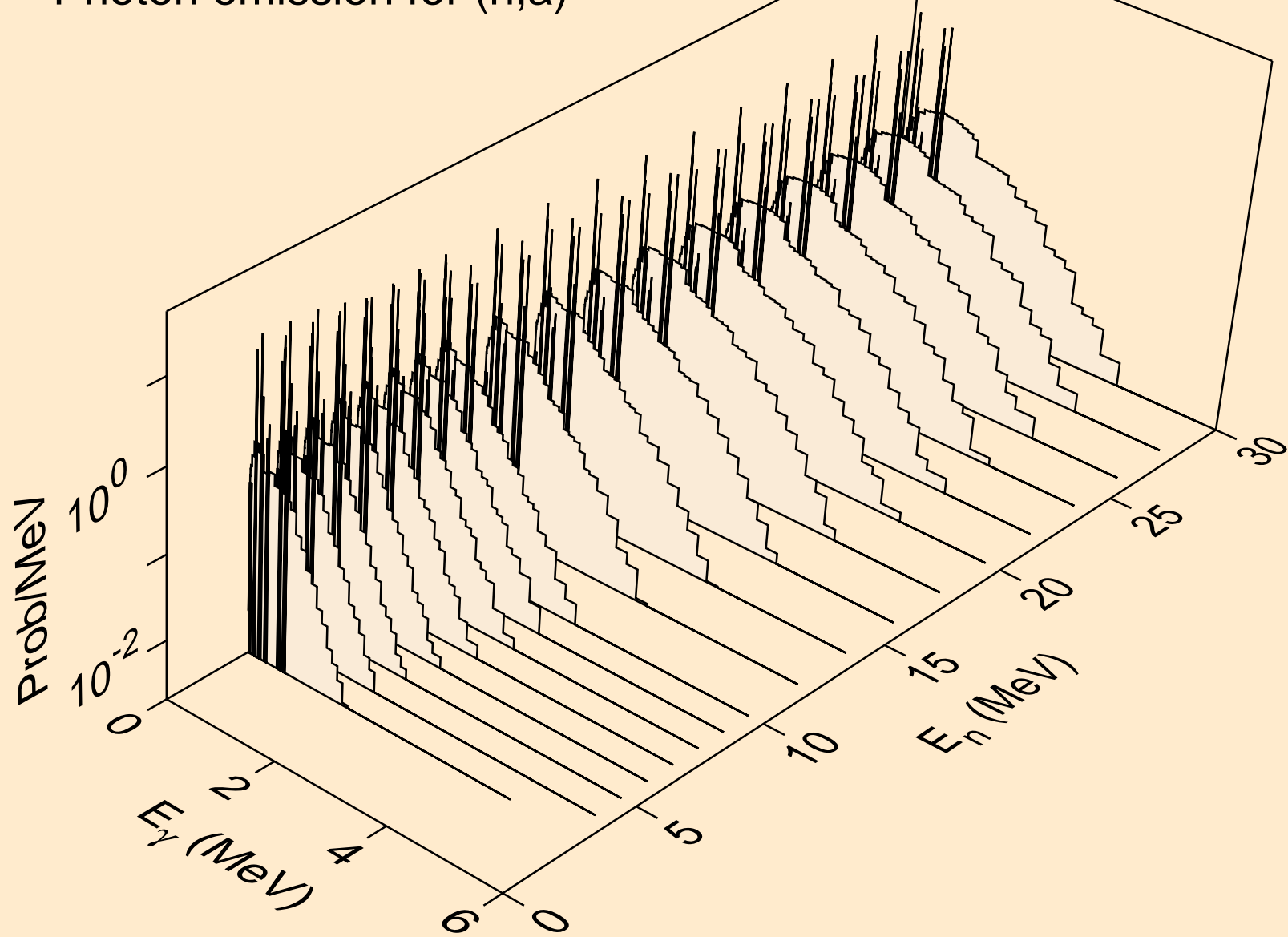
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,t)



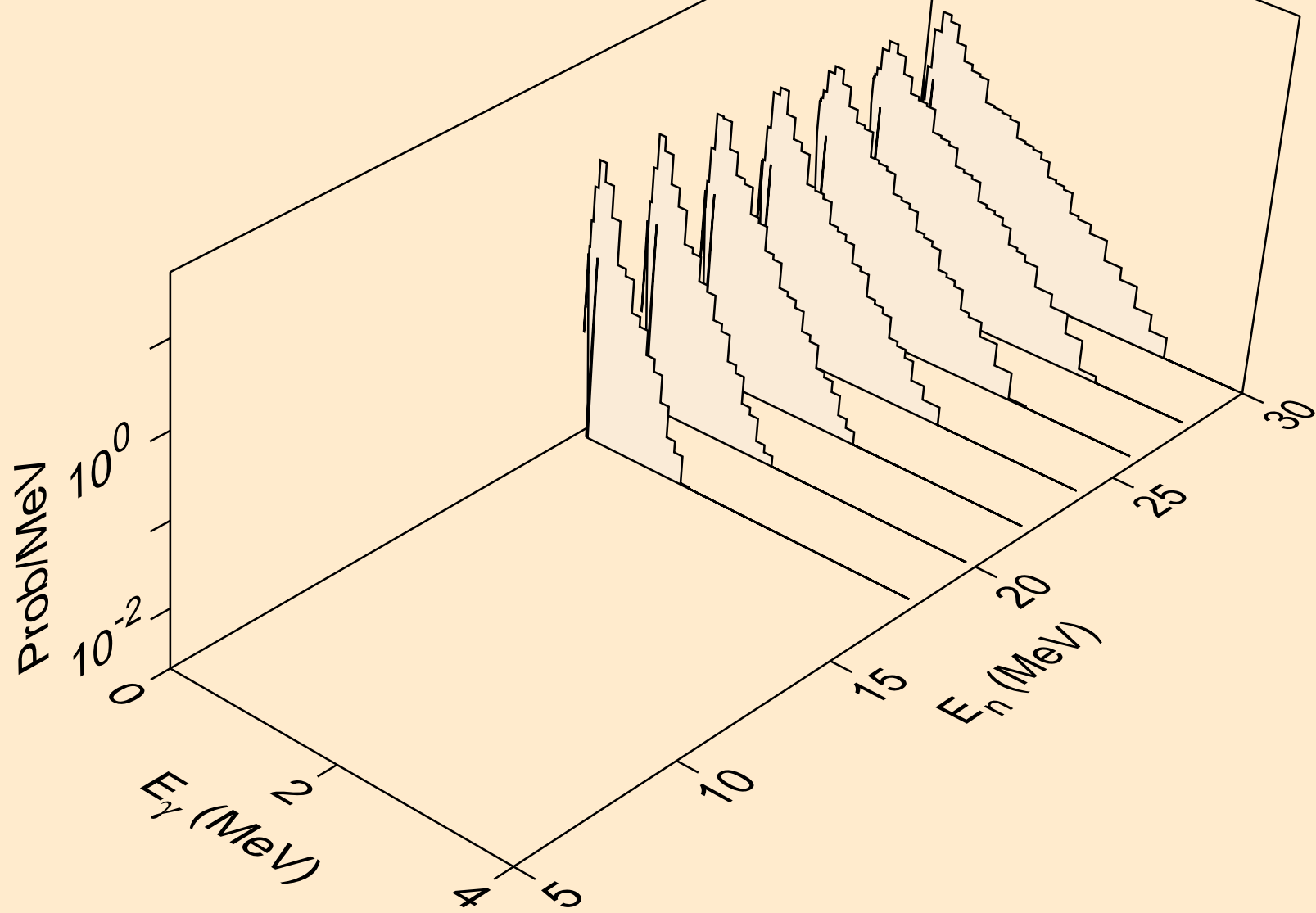
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Photon emission for (n,he3)



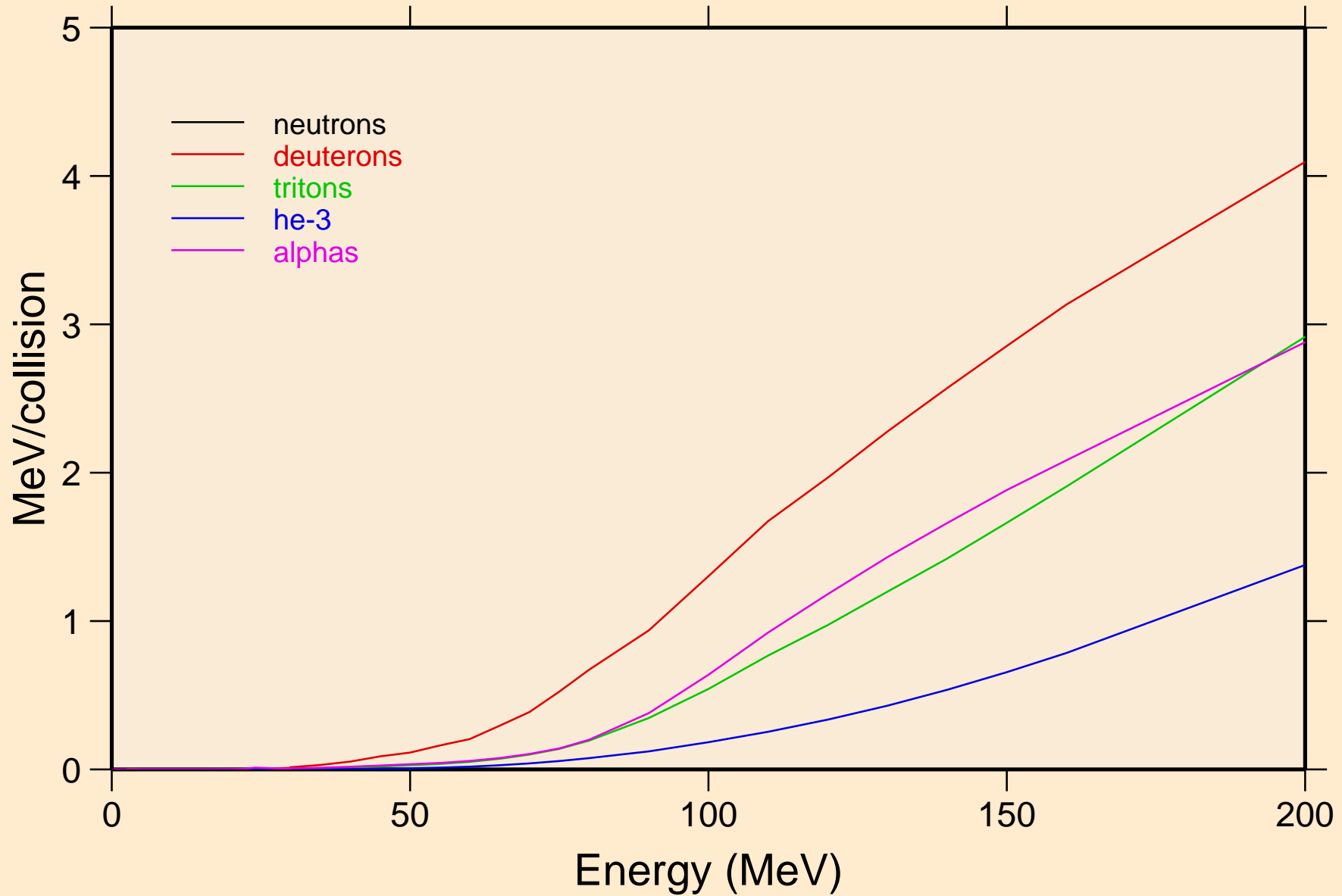
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Photon emission for (n,a)



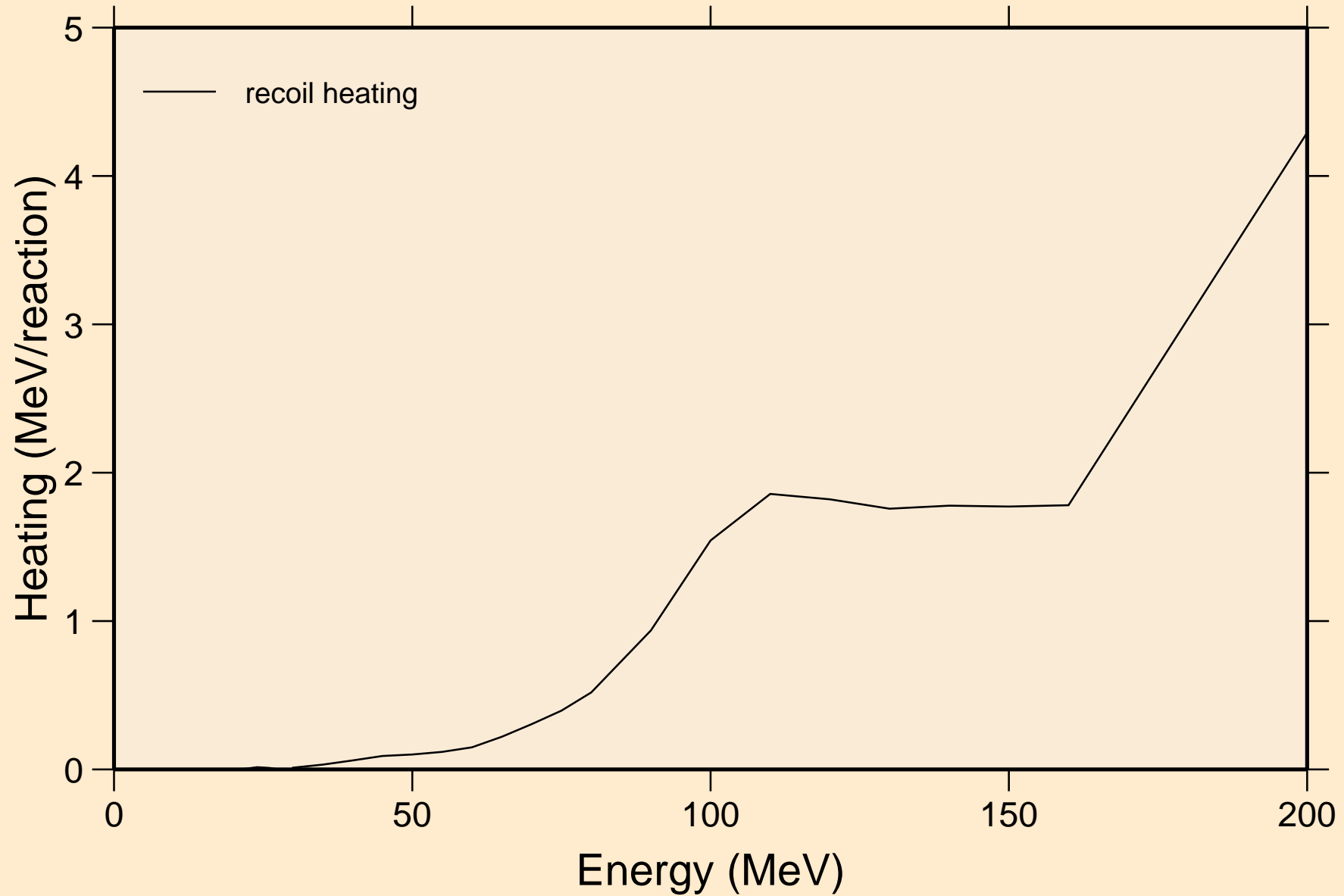
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Photon emission for (n,2p)



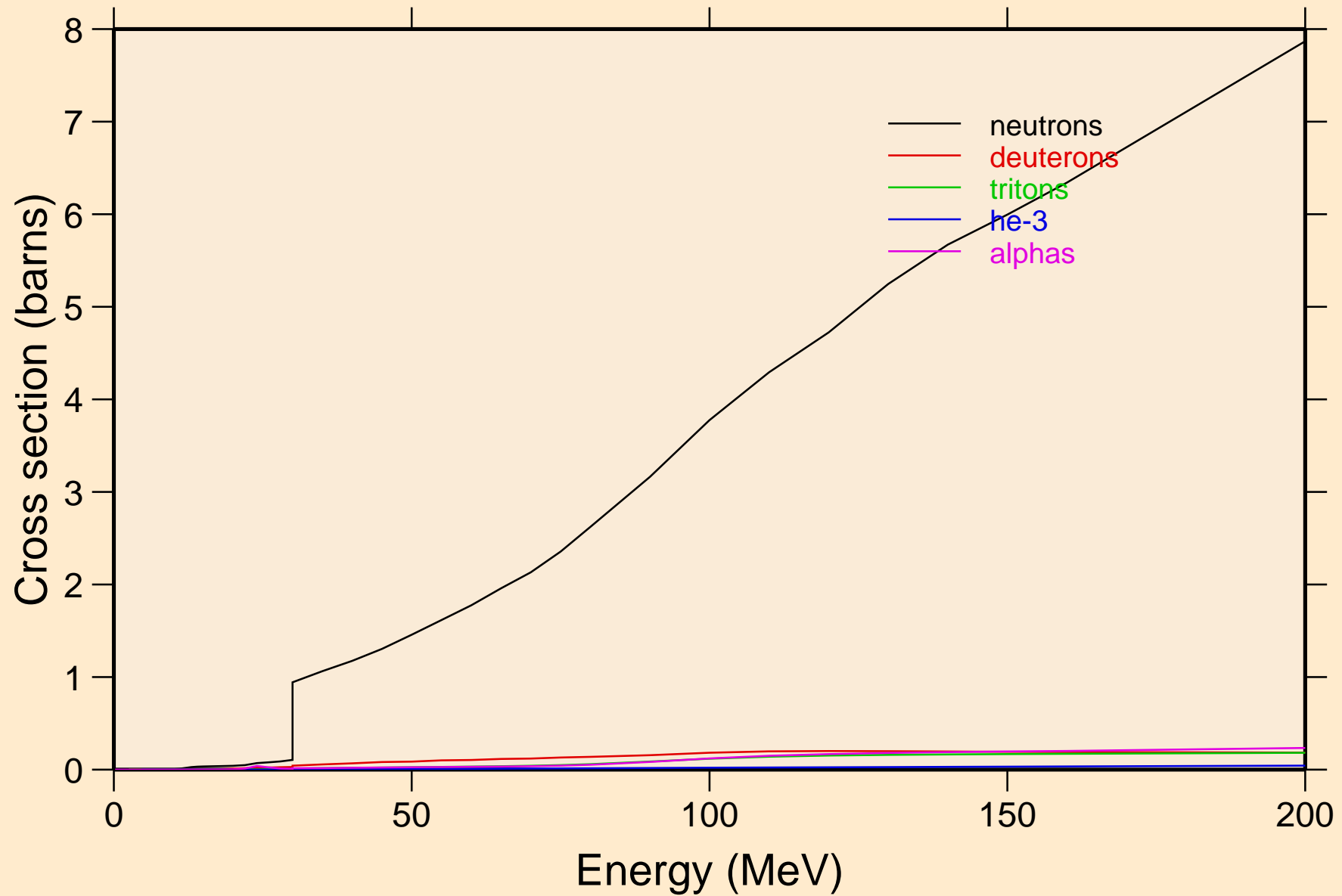
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Particle heating contributions



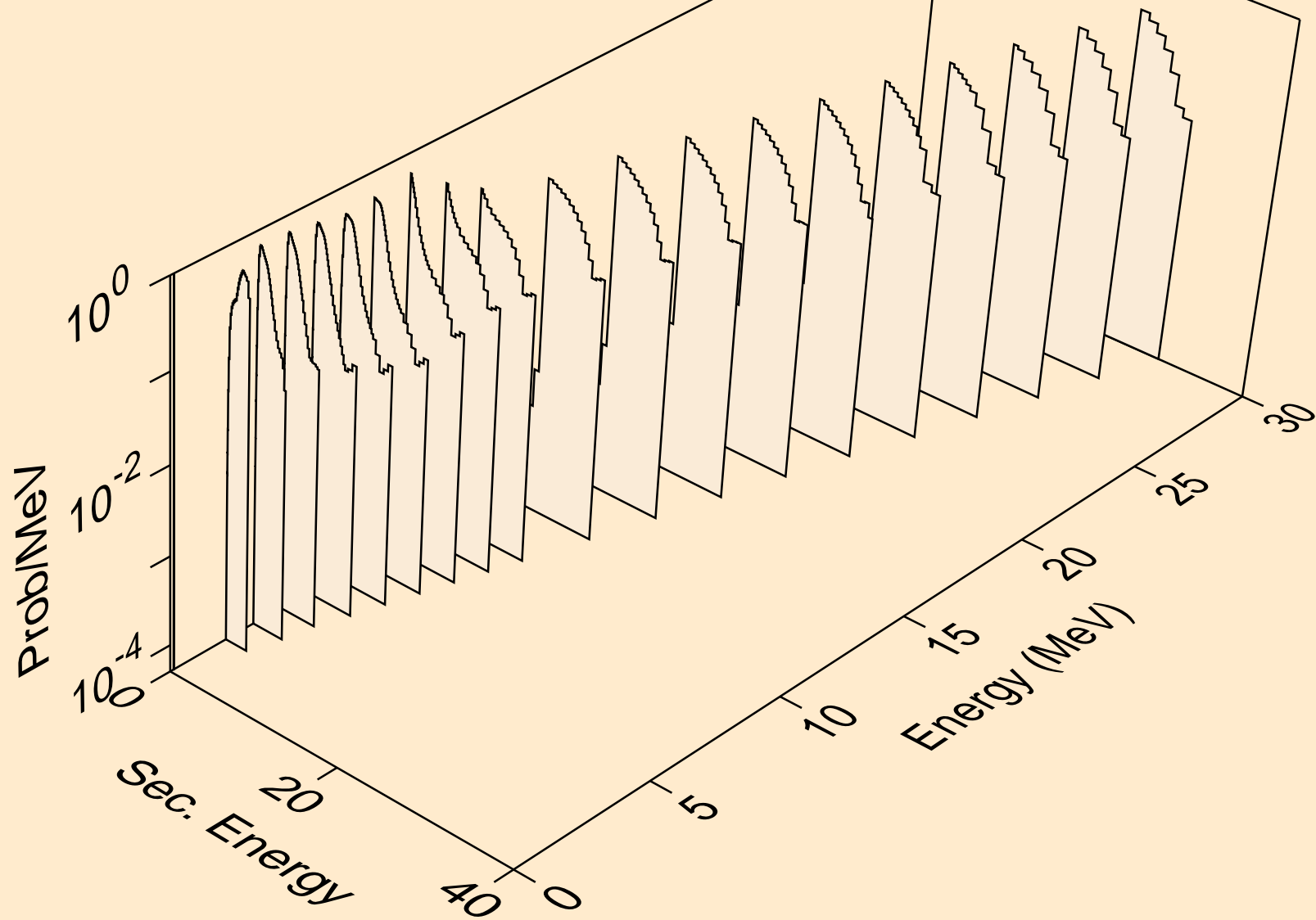
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Recoil Heating



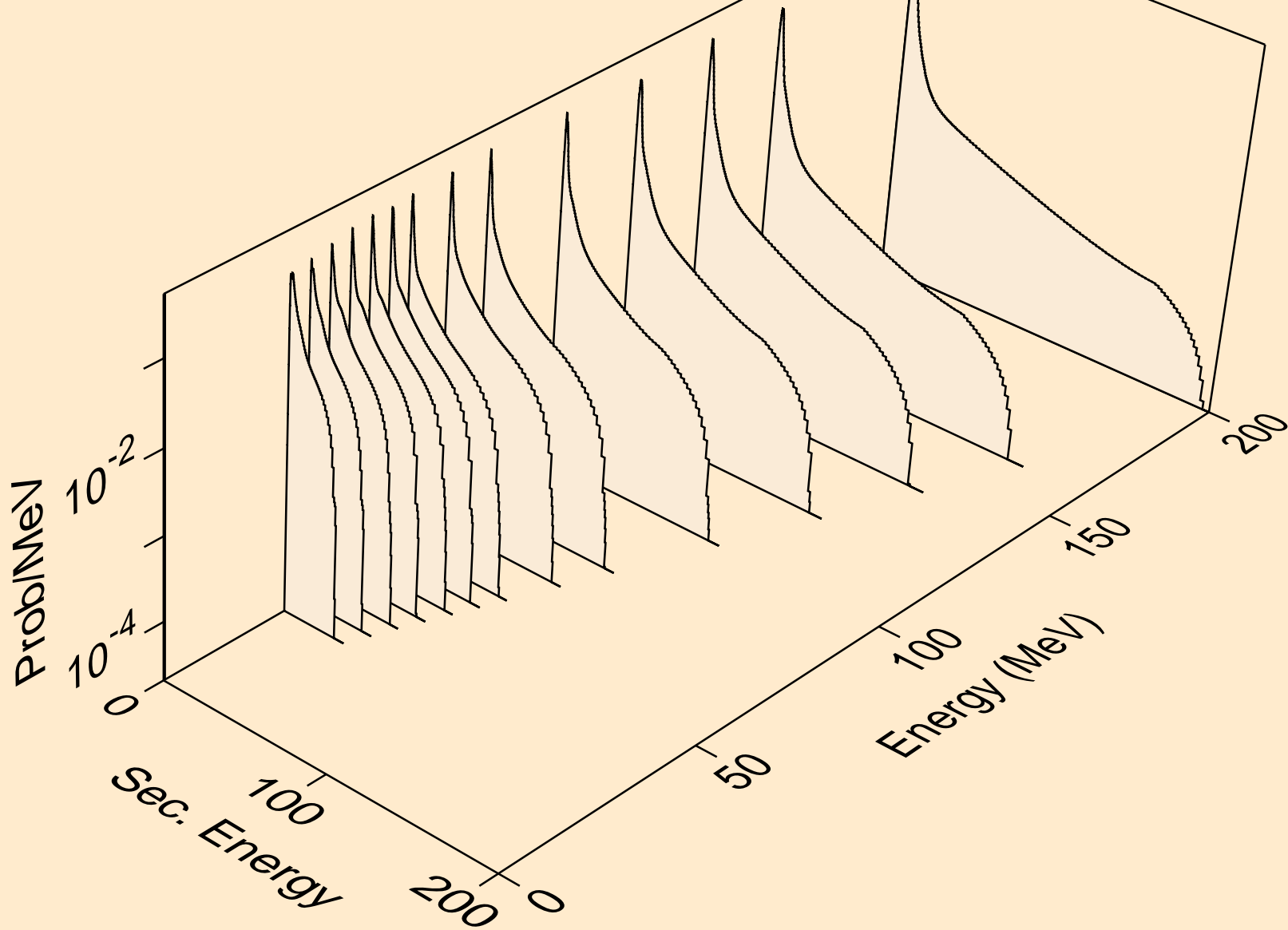
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Particle production cross sections



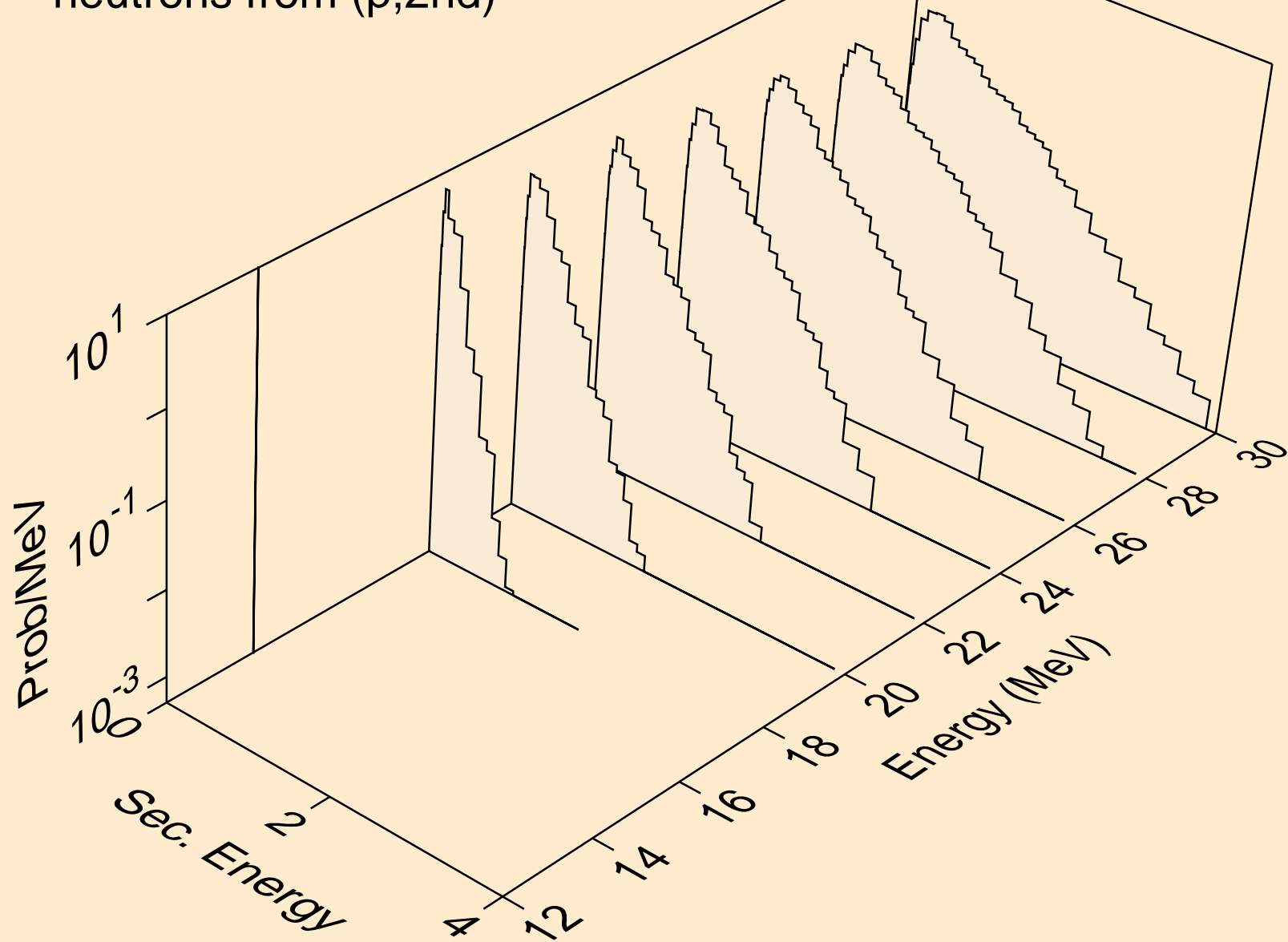
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n)



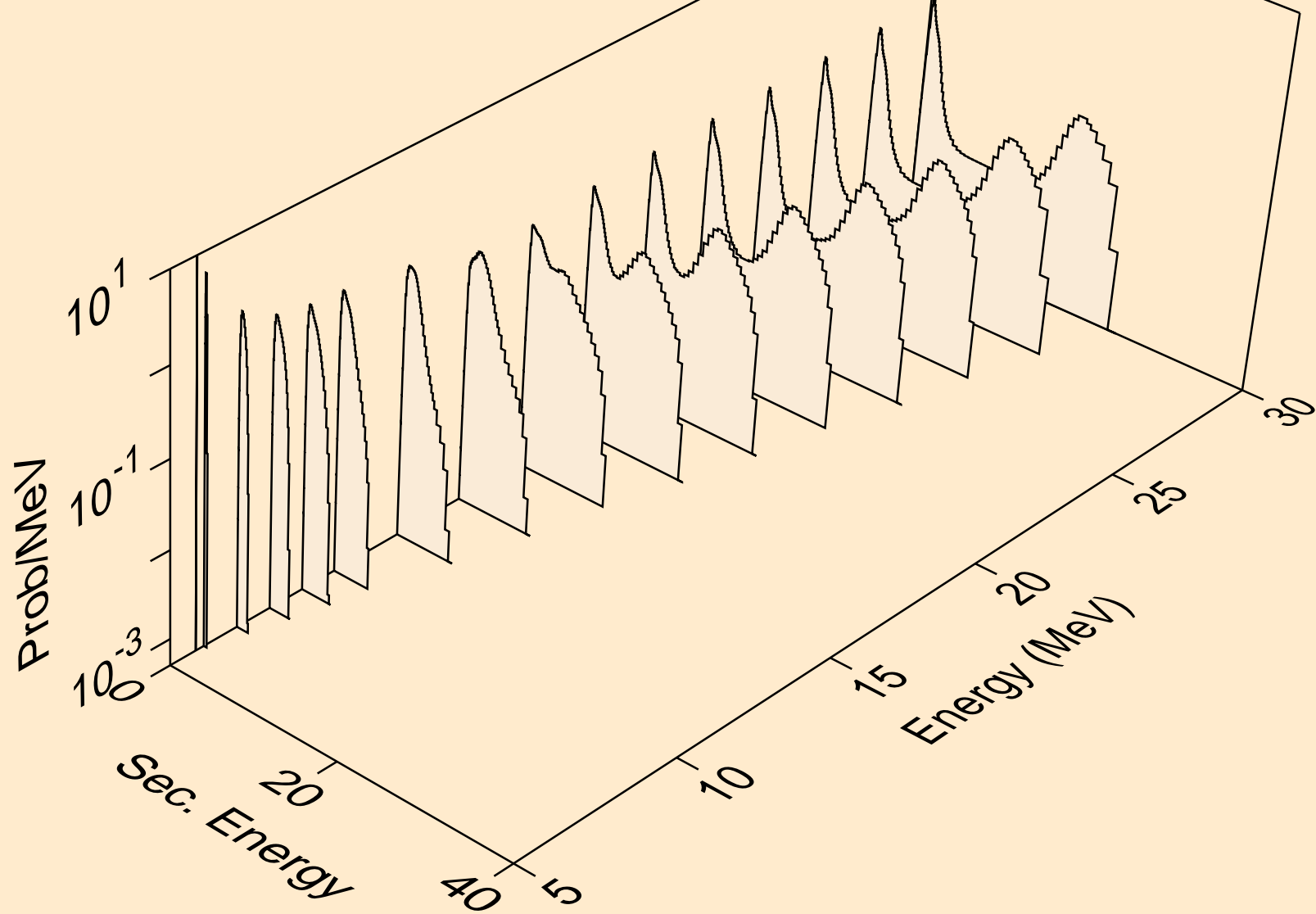
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neutrons from (p,x)



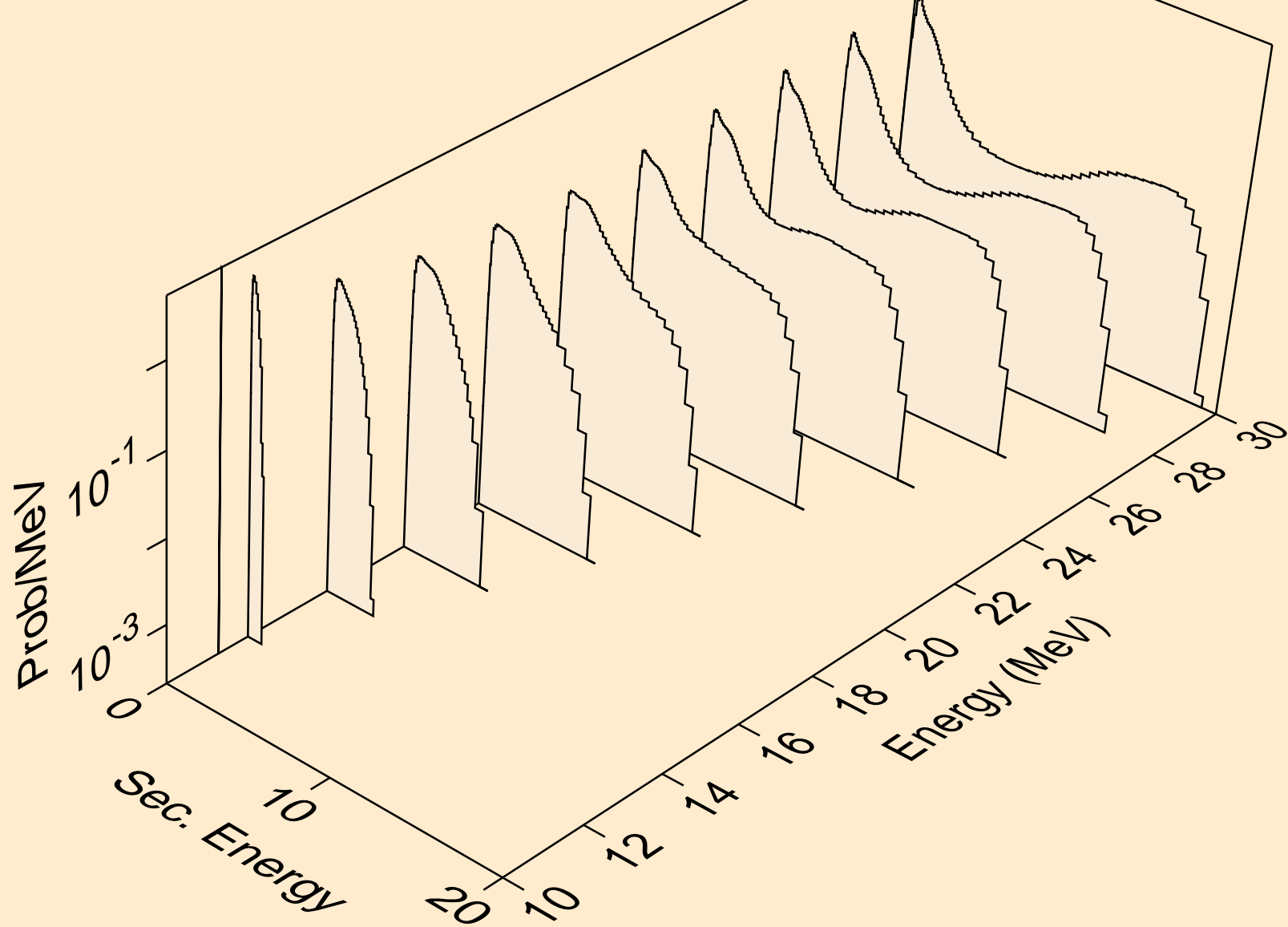
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neutrons from (p,2nd)



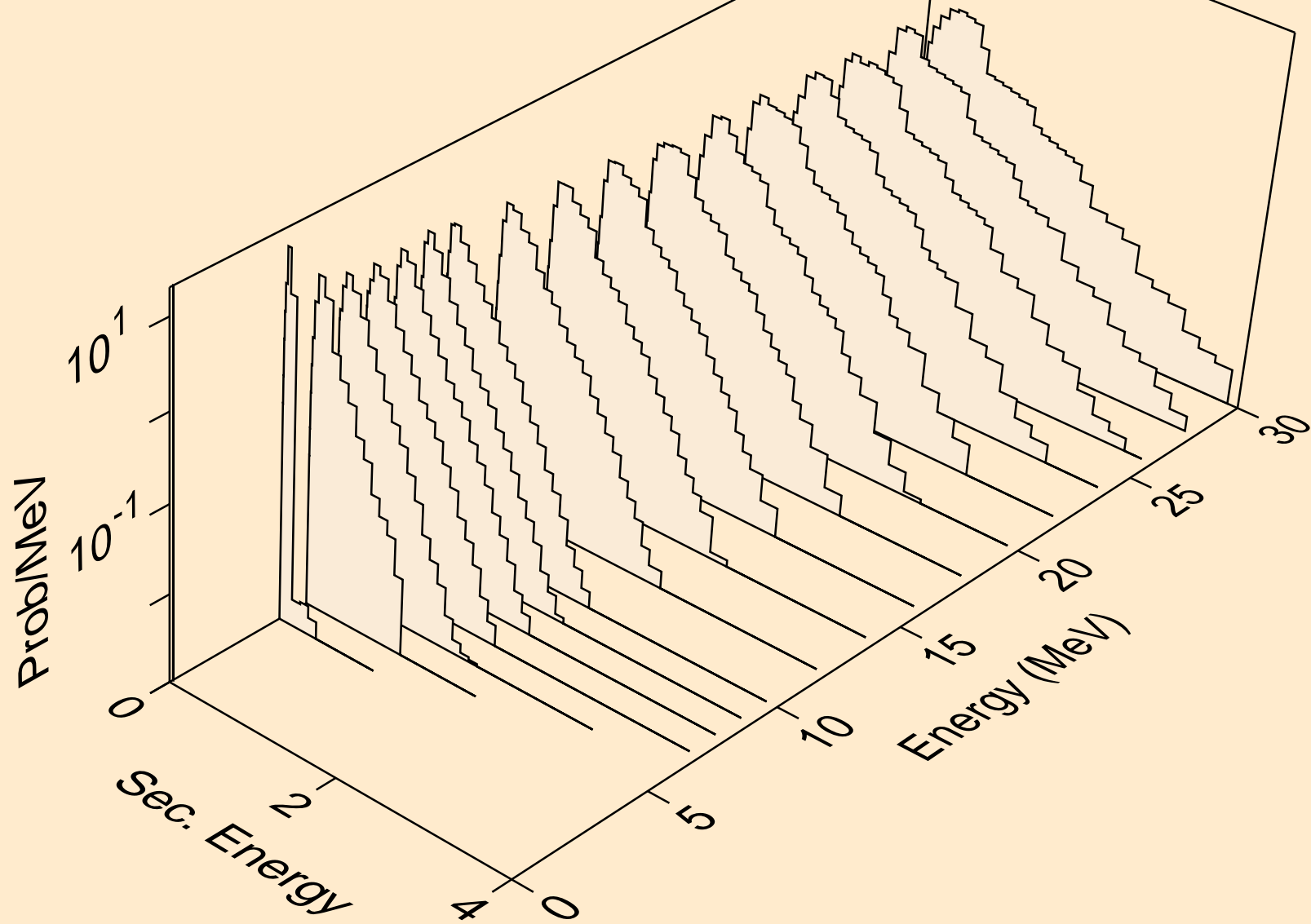
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neutrons from (p,2n)



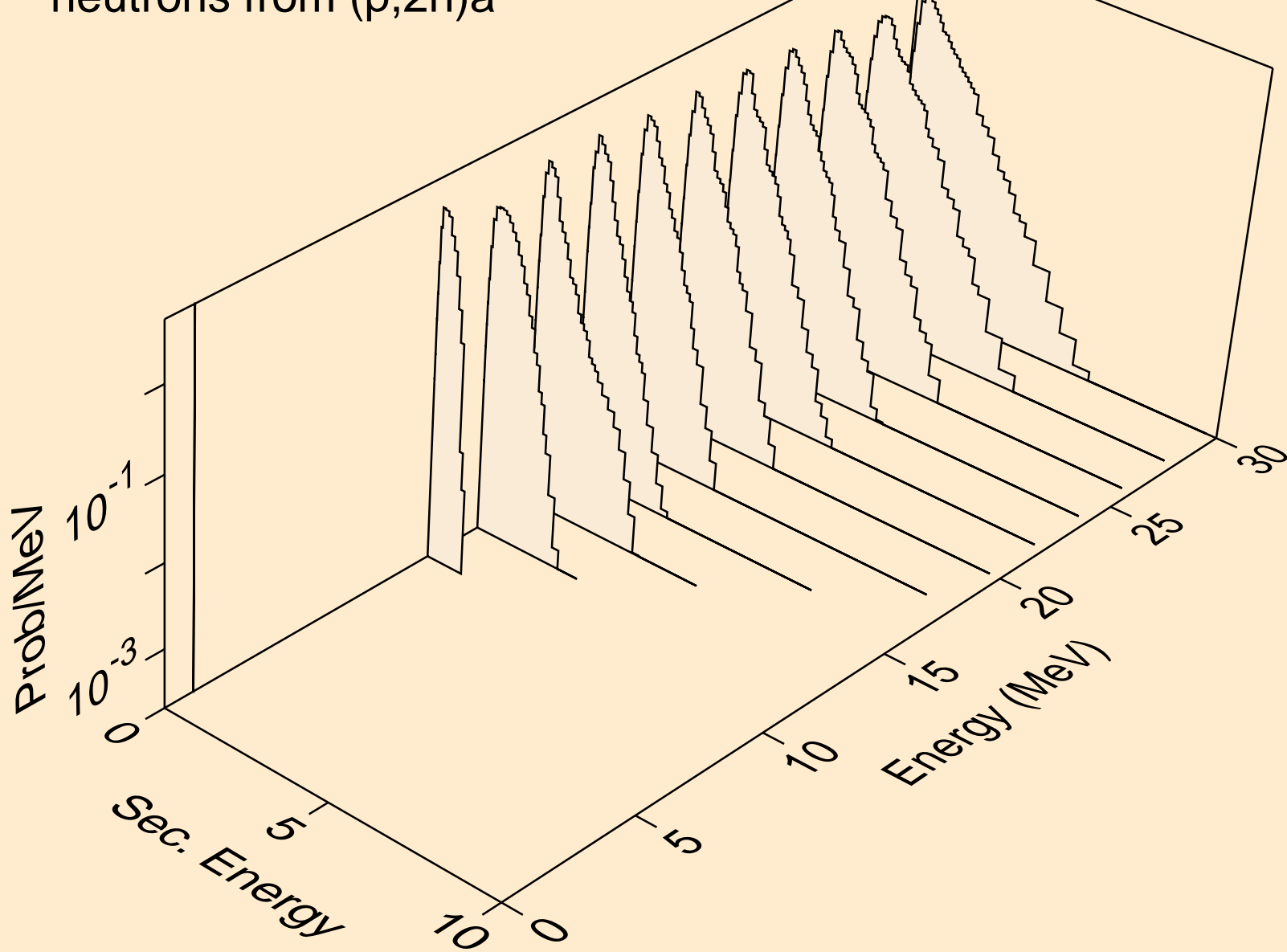
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neutrons from (p,3n)



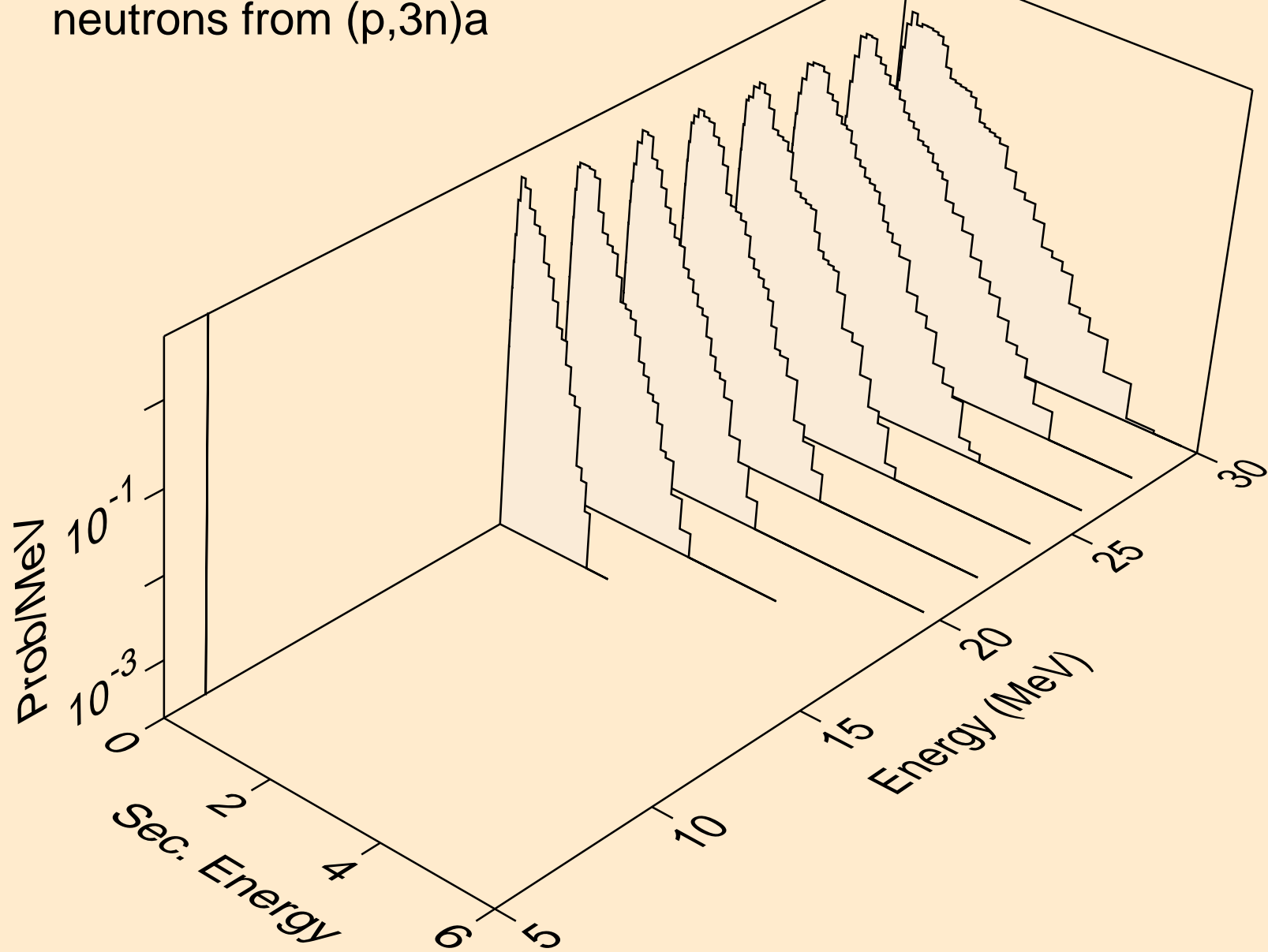
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neutrons from (p,n*)a



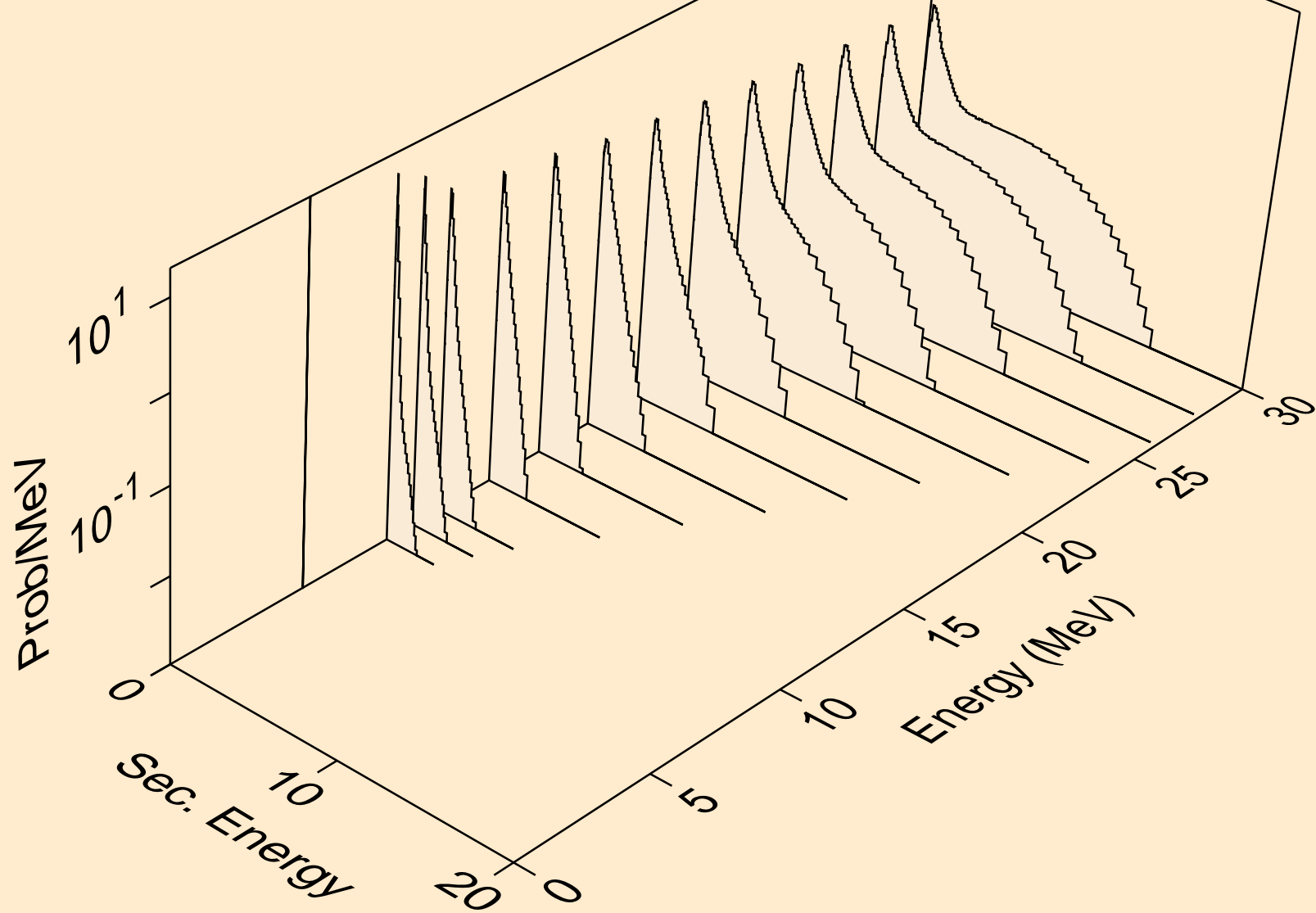
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neutrons from (p,2n)a



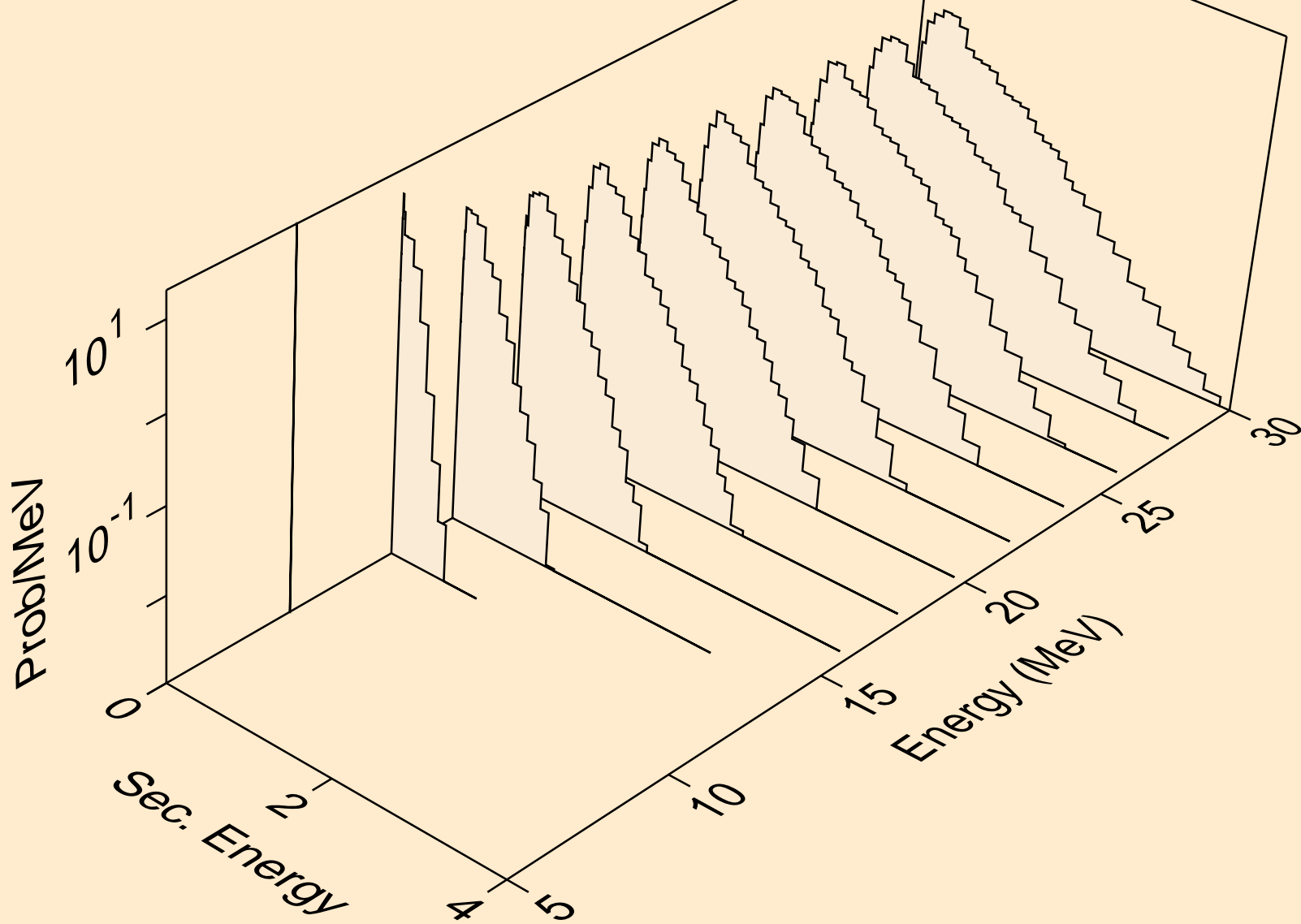
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neutrons from (p,3n)a



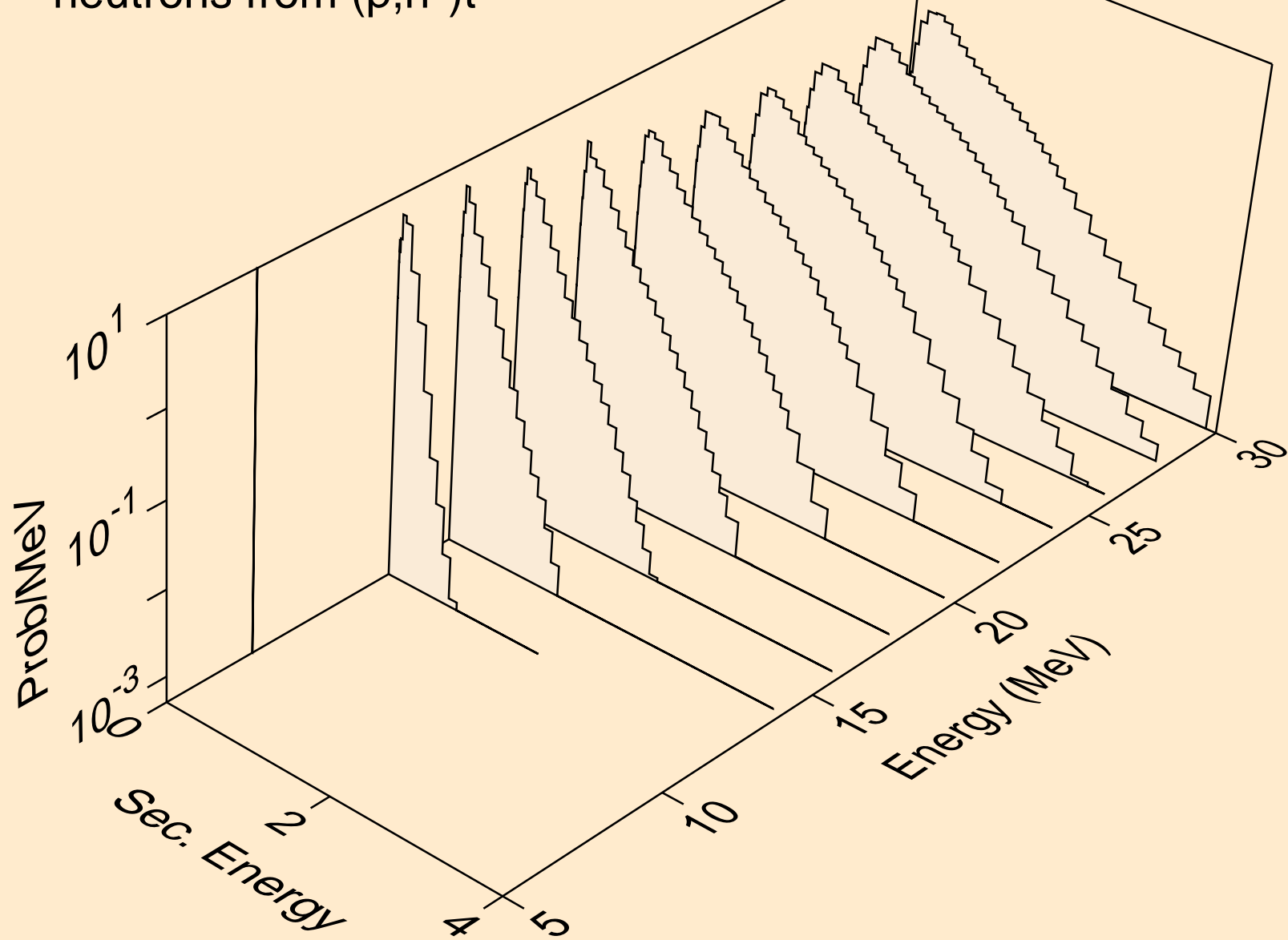
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neutrons from (p,n*)p



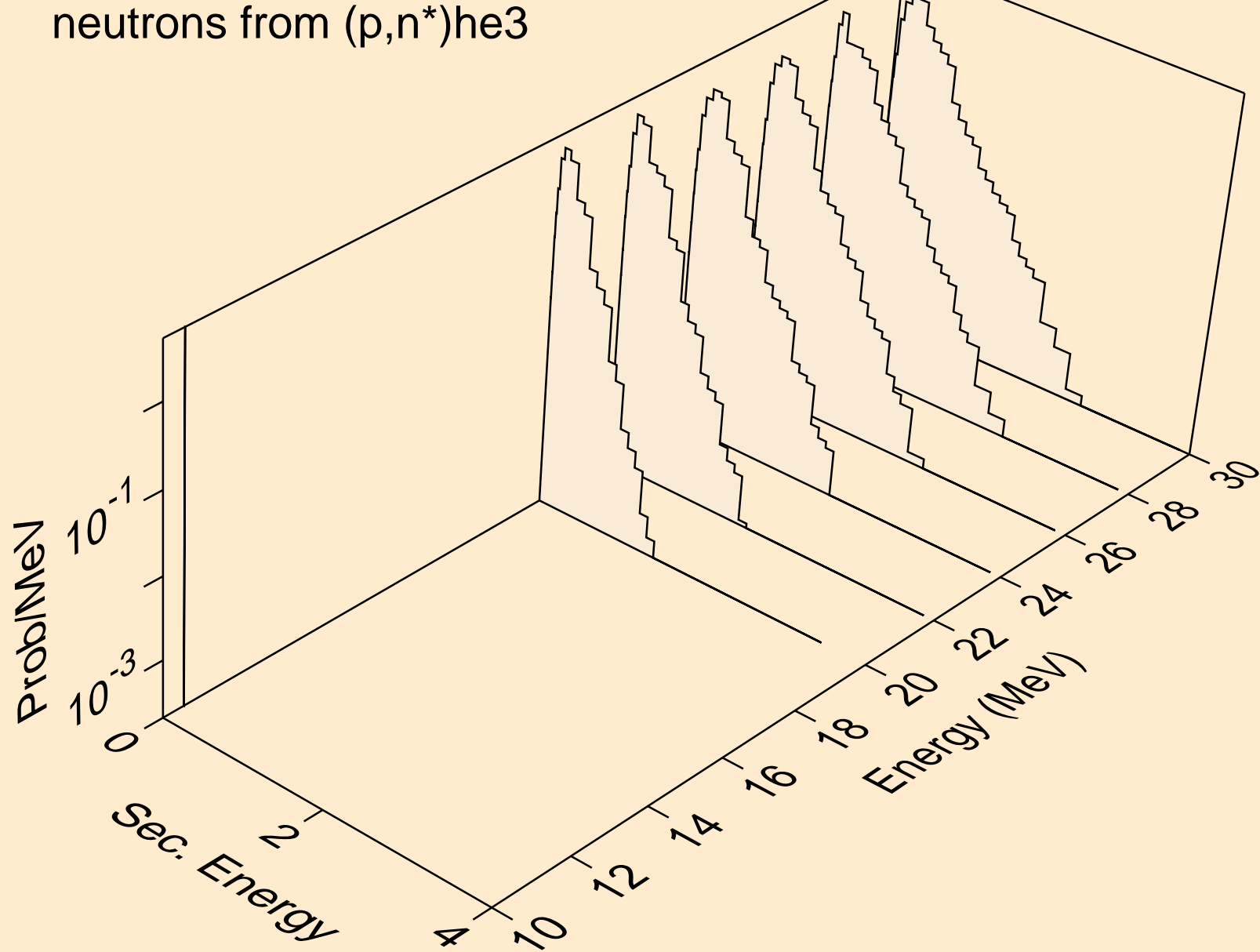
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neutrons from (p,n*)d



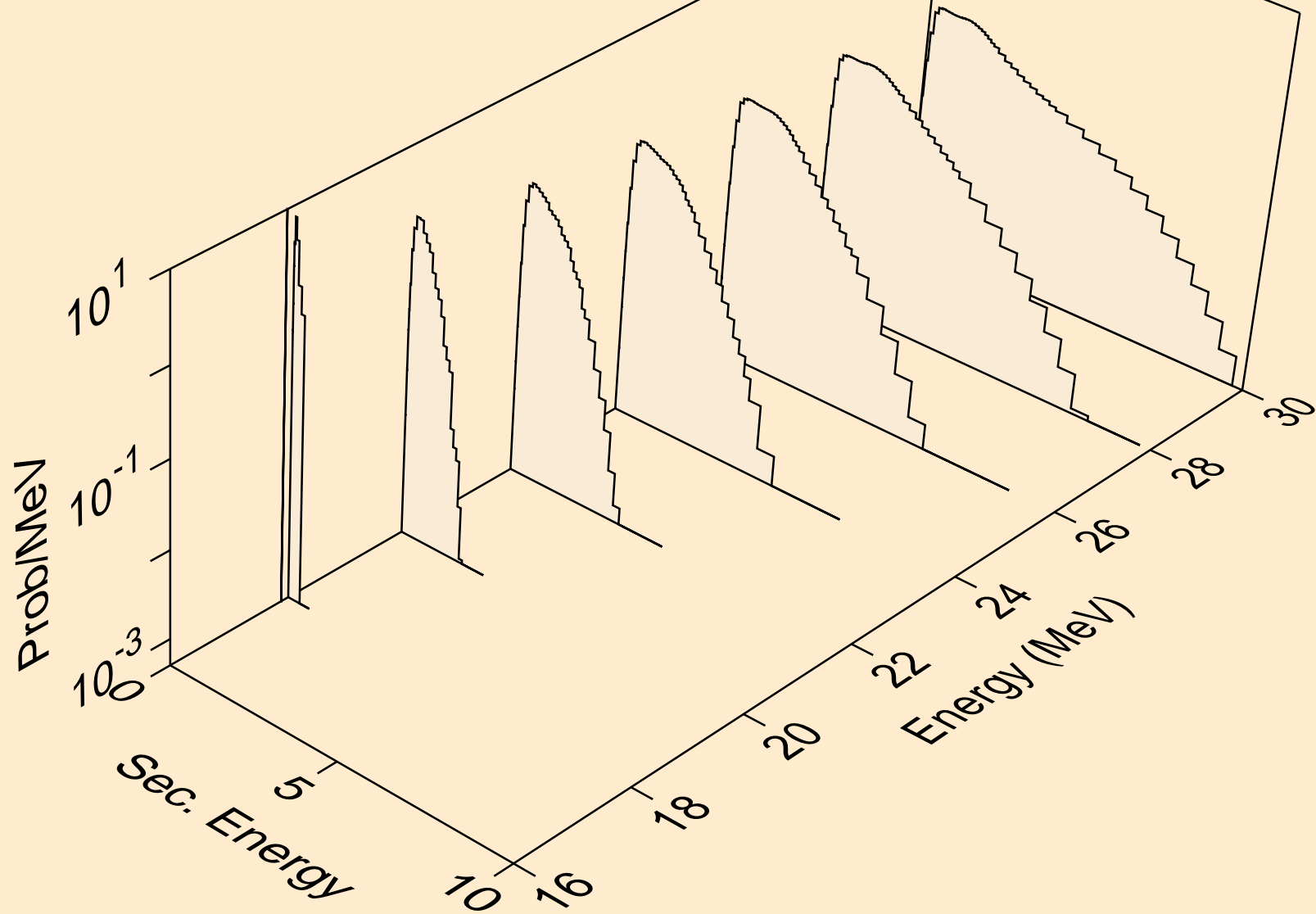
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)t



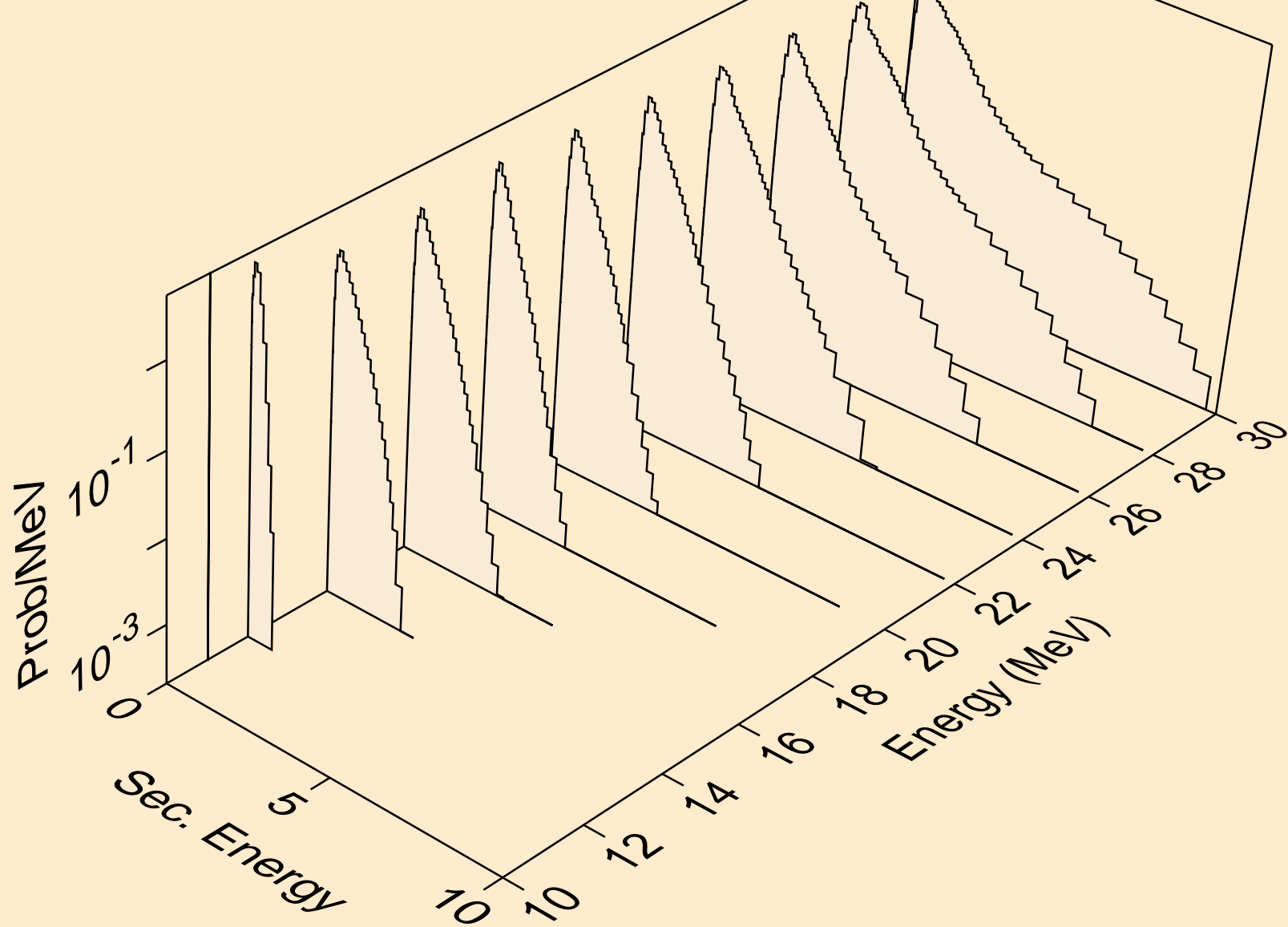
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)he3



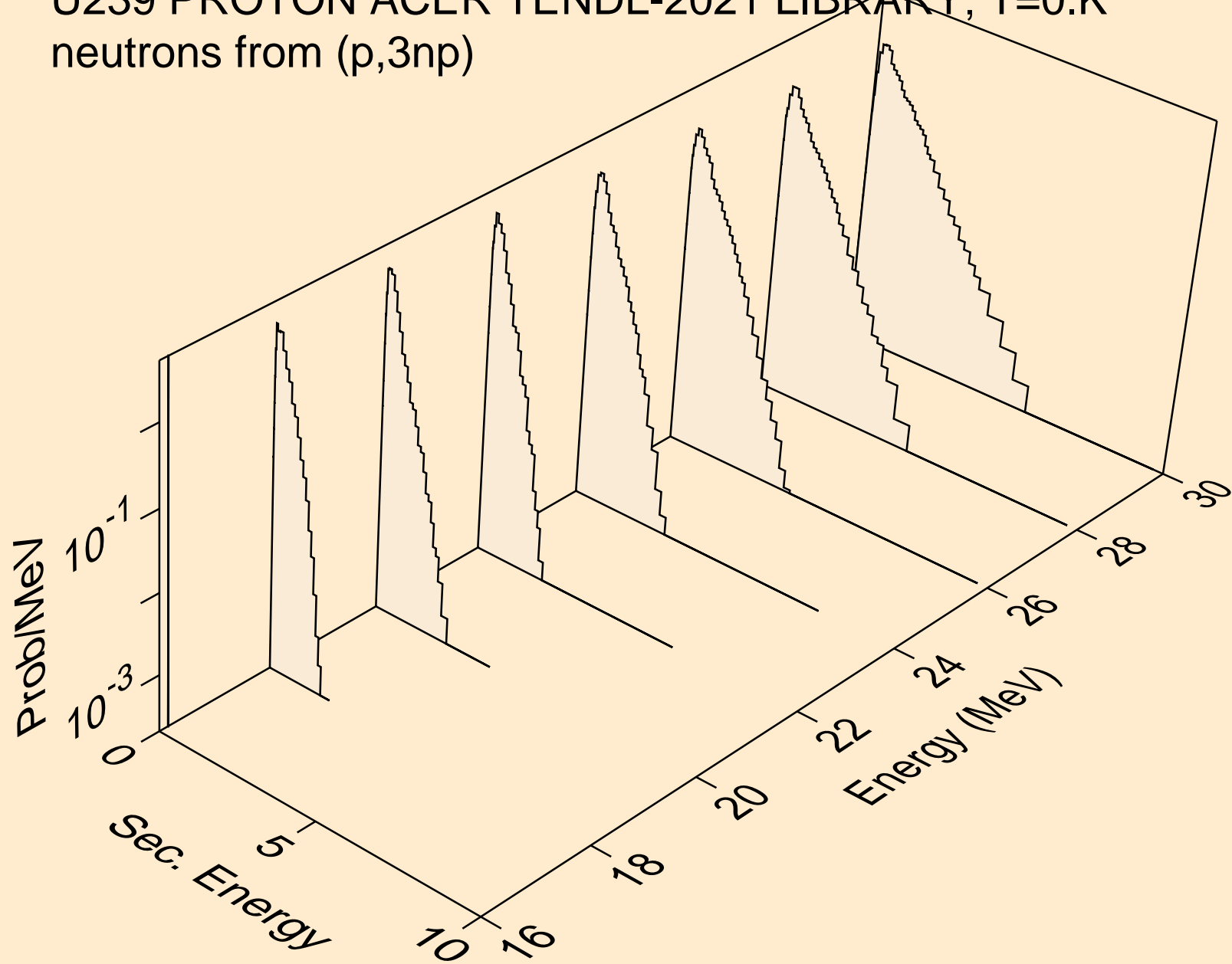
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,4n)



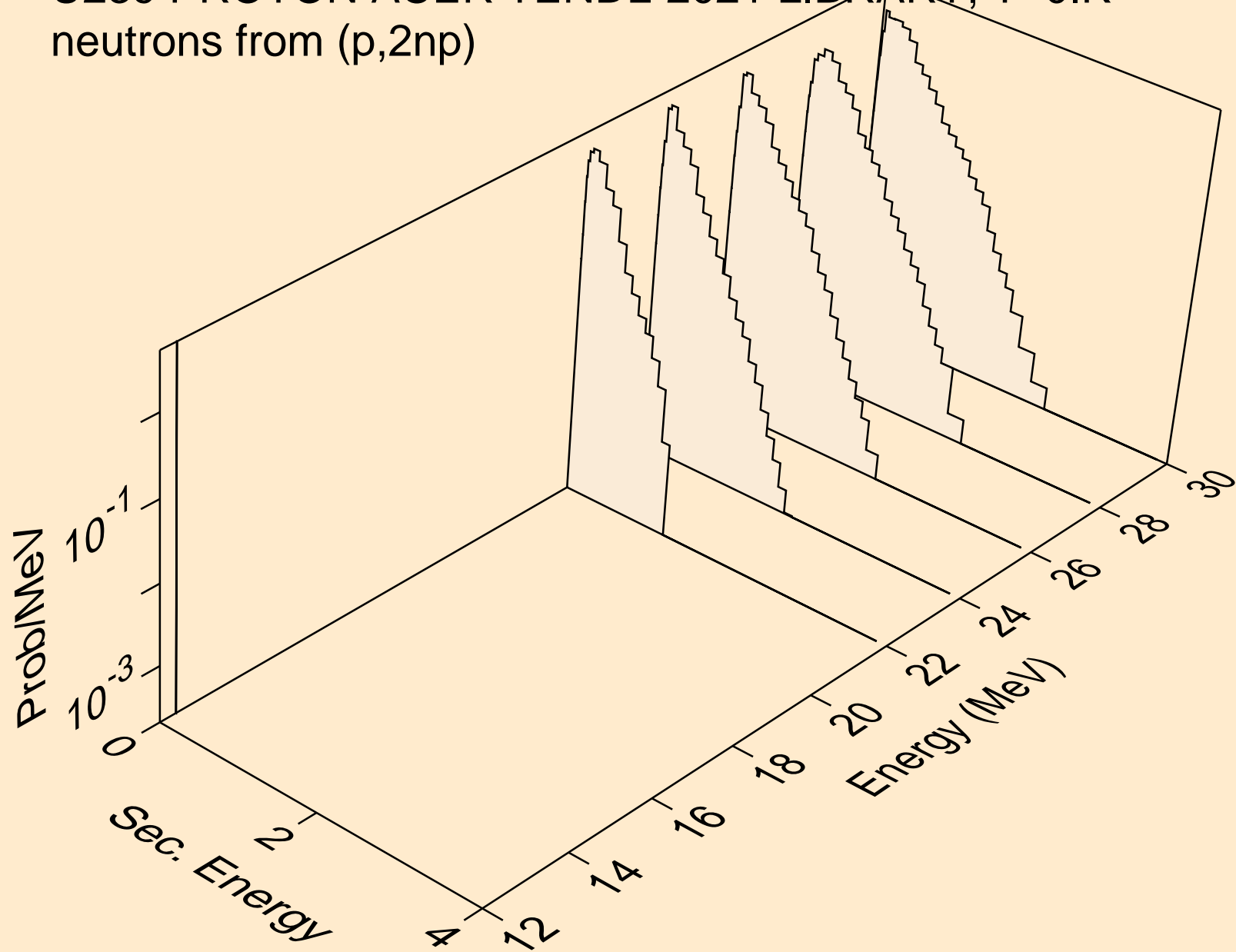
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neutrons from (p,2np)



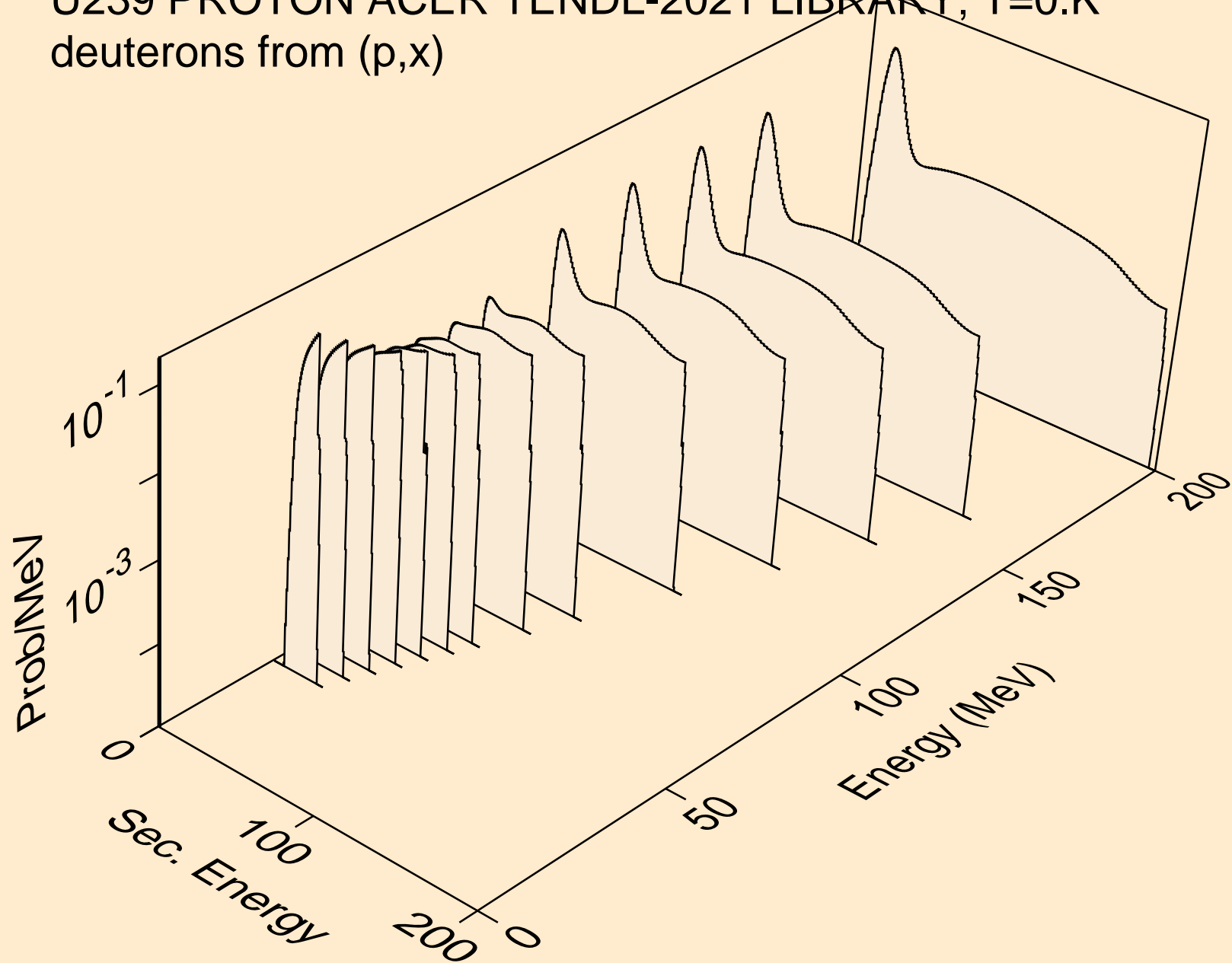
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neutrons from (p,3np)



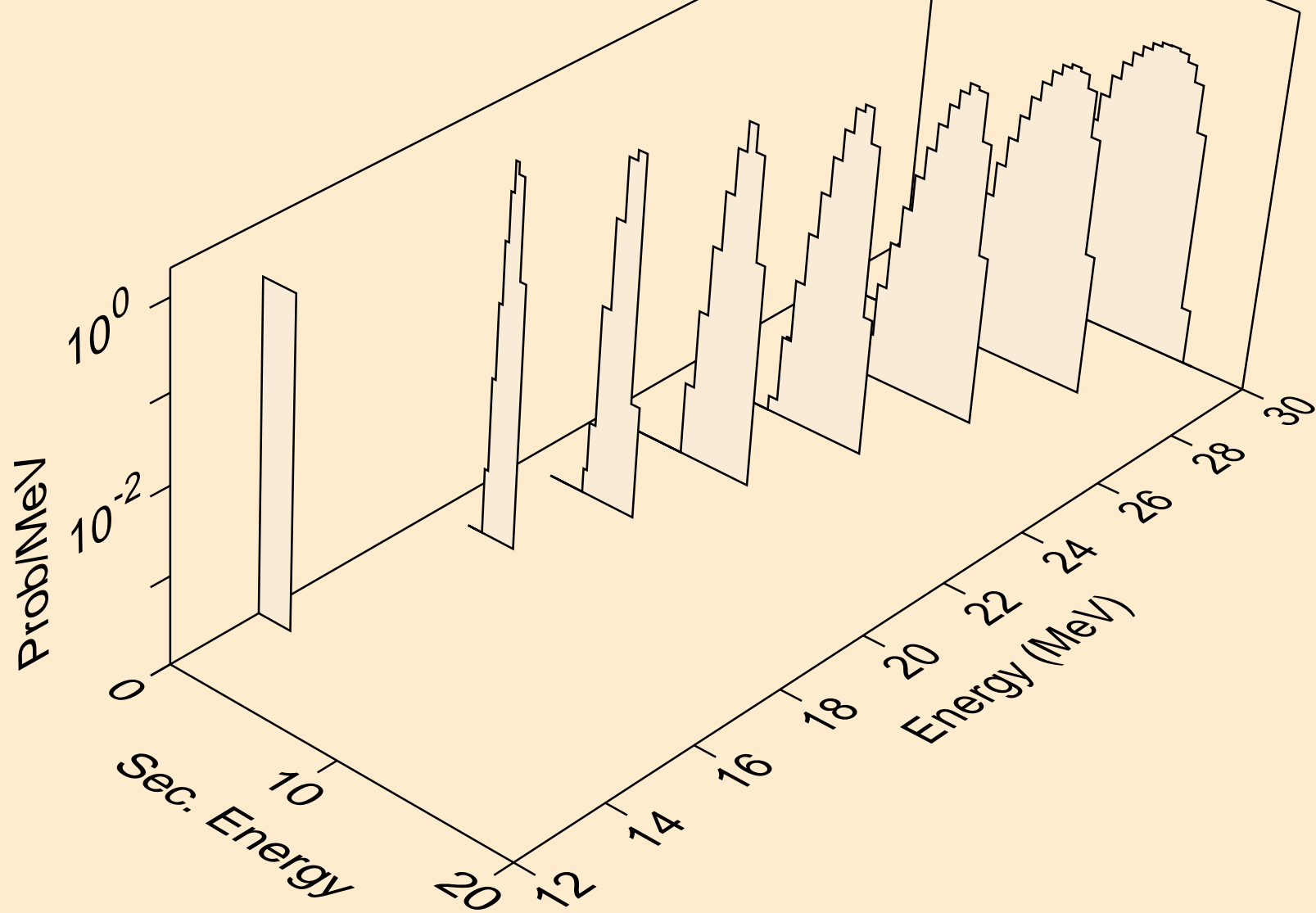
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neutrons from (p,2np)



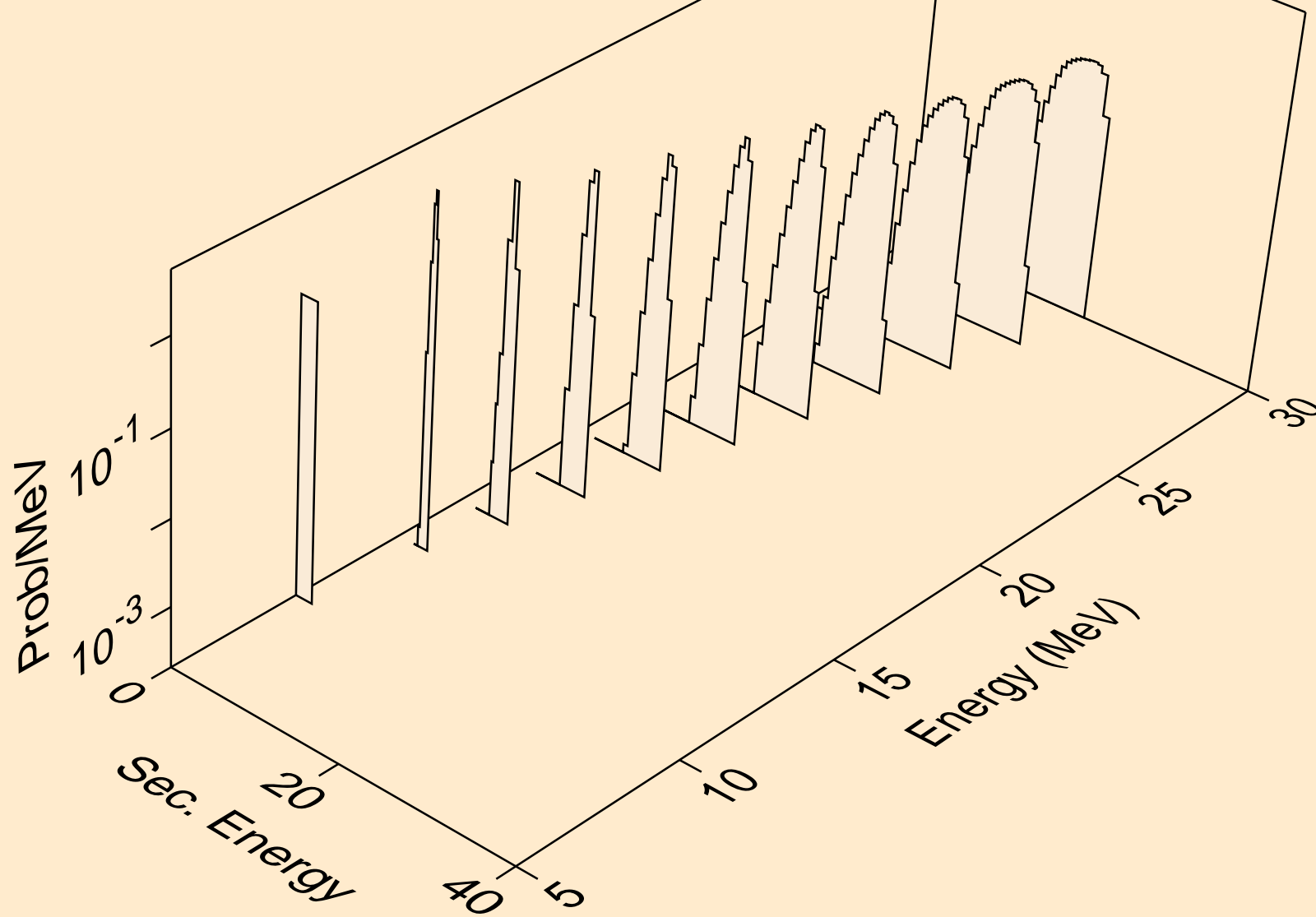
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deuterons from (p,x)



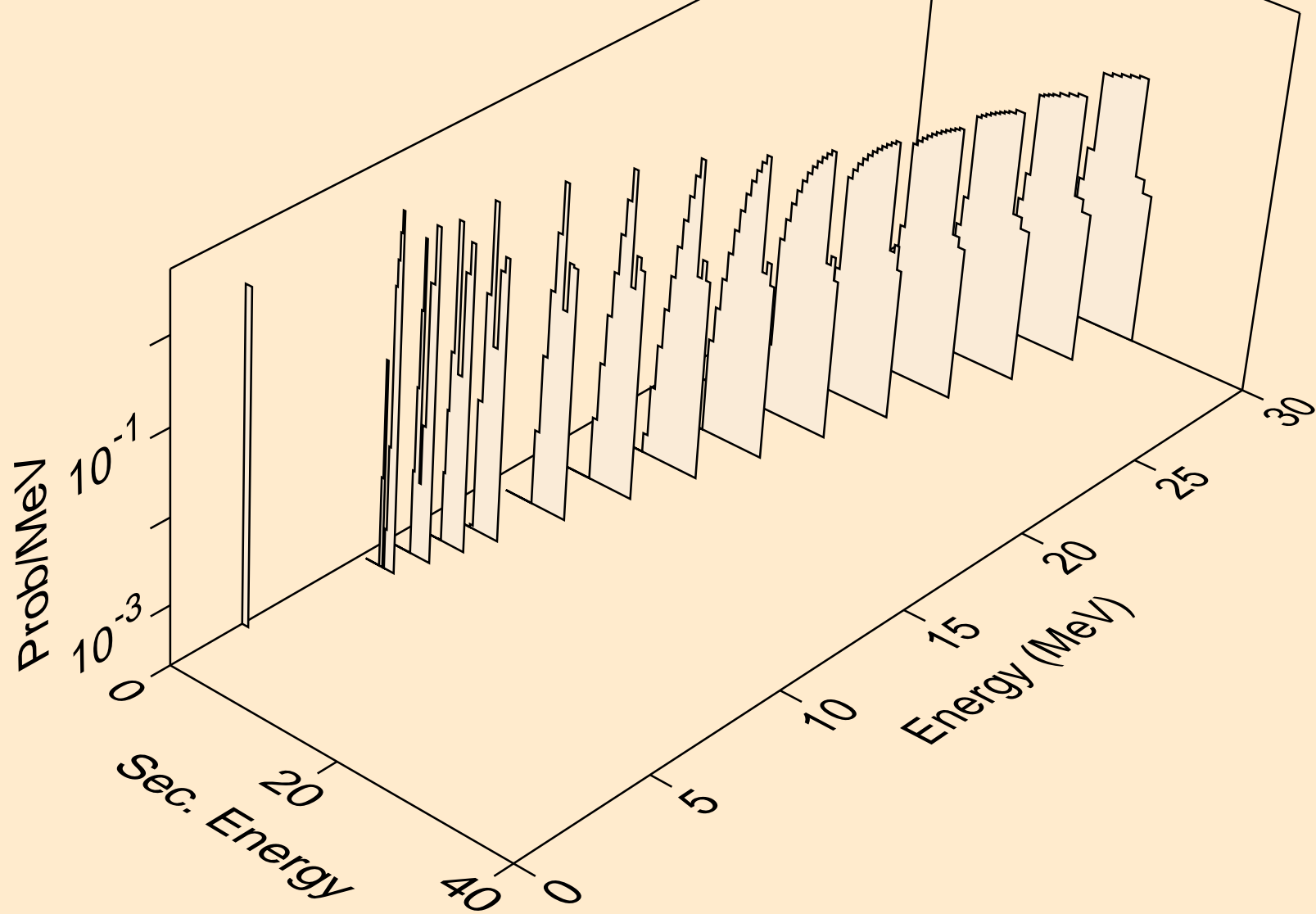
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deuterons from (p,2nd)



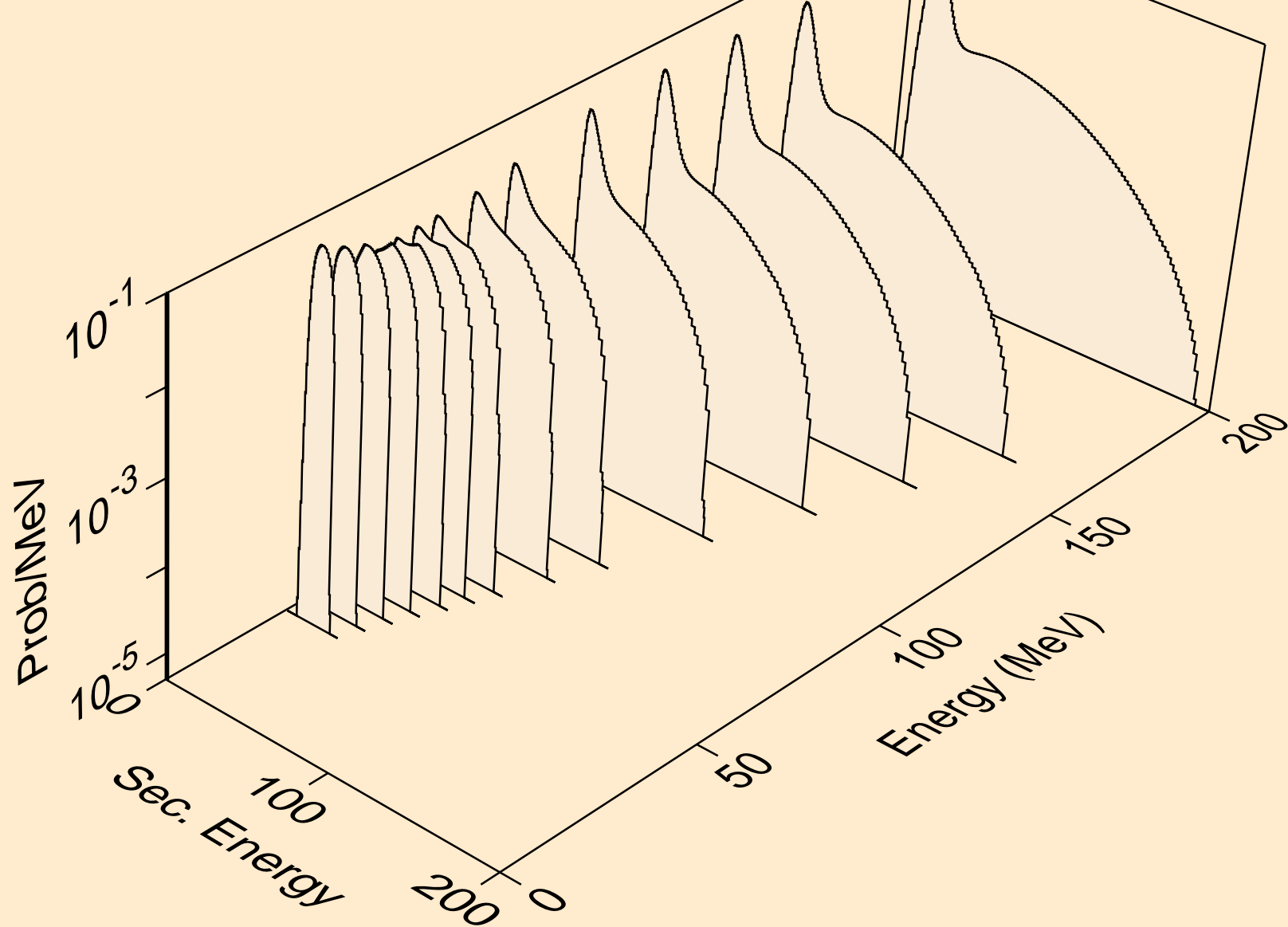
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deuterons from (p,n*)d



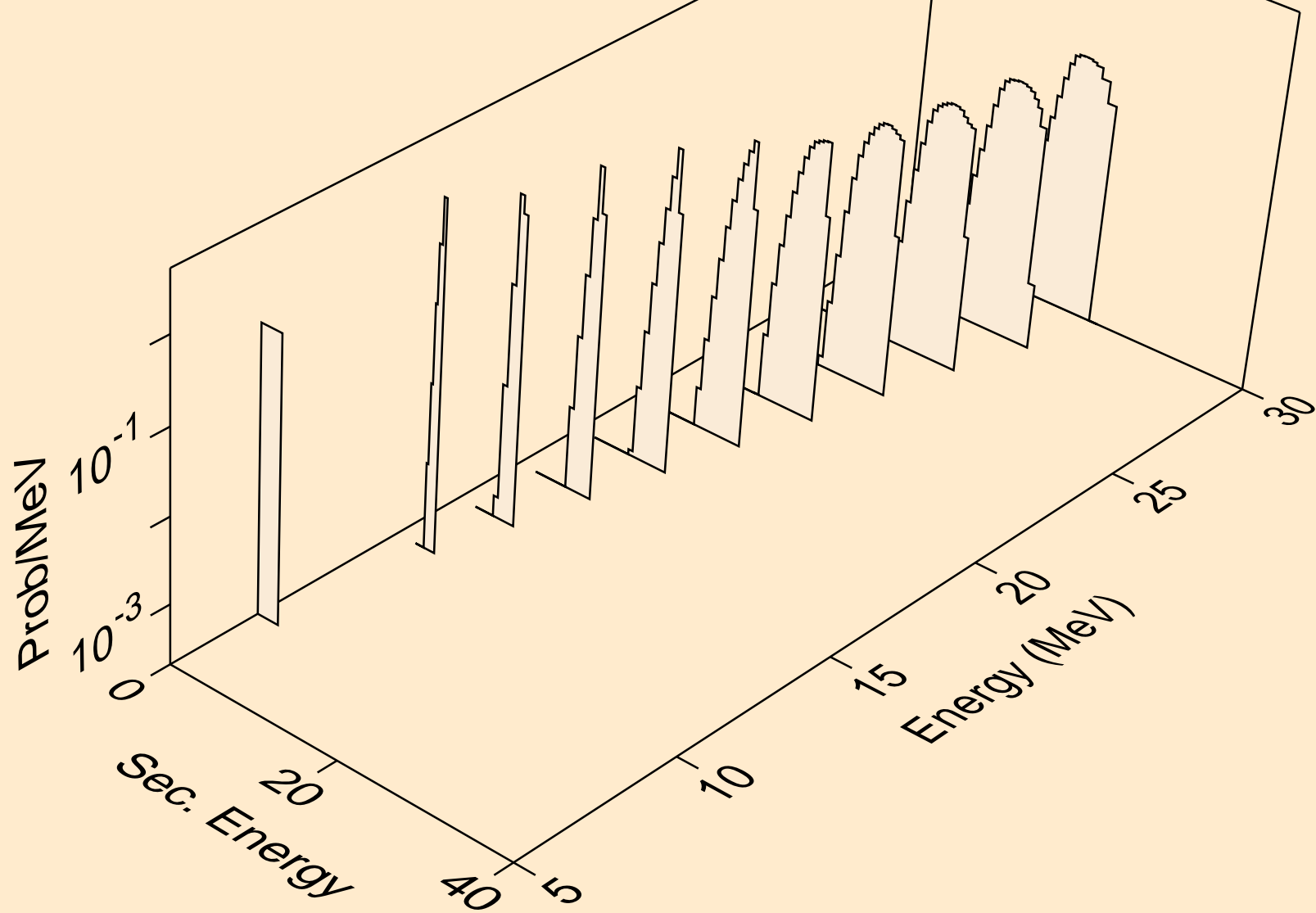
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deuterons from (p,d)



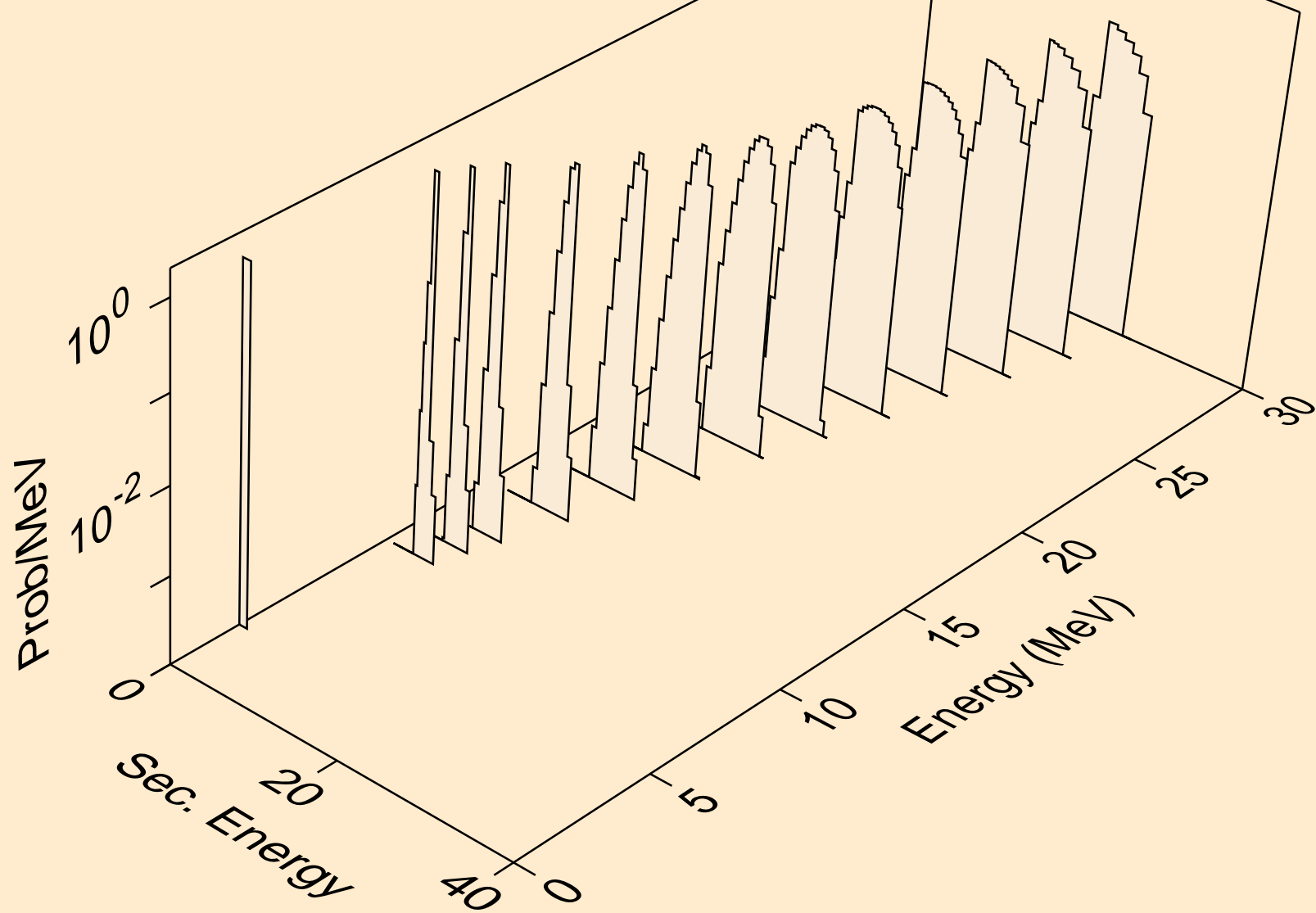
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (p,x)



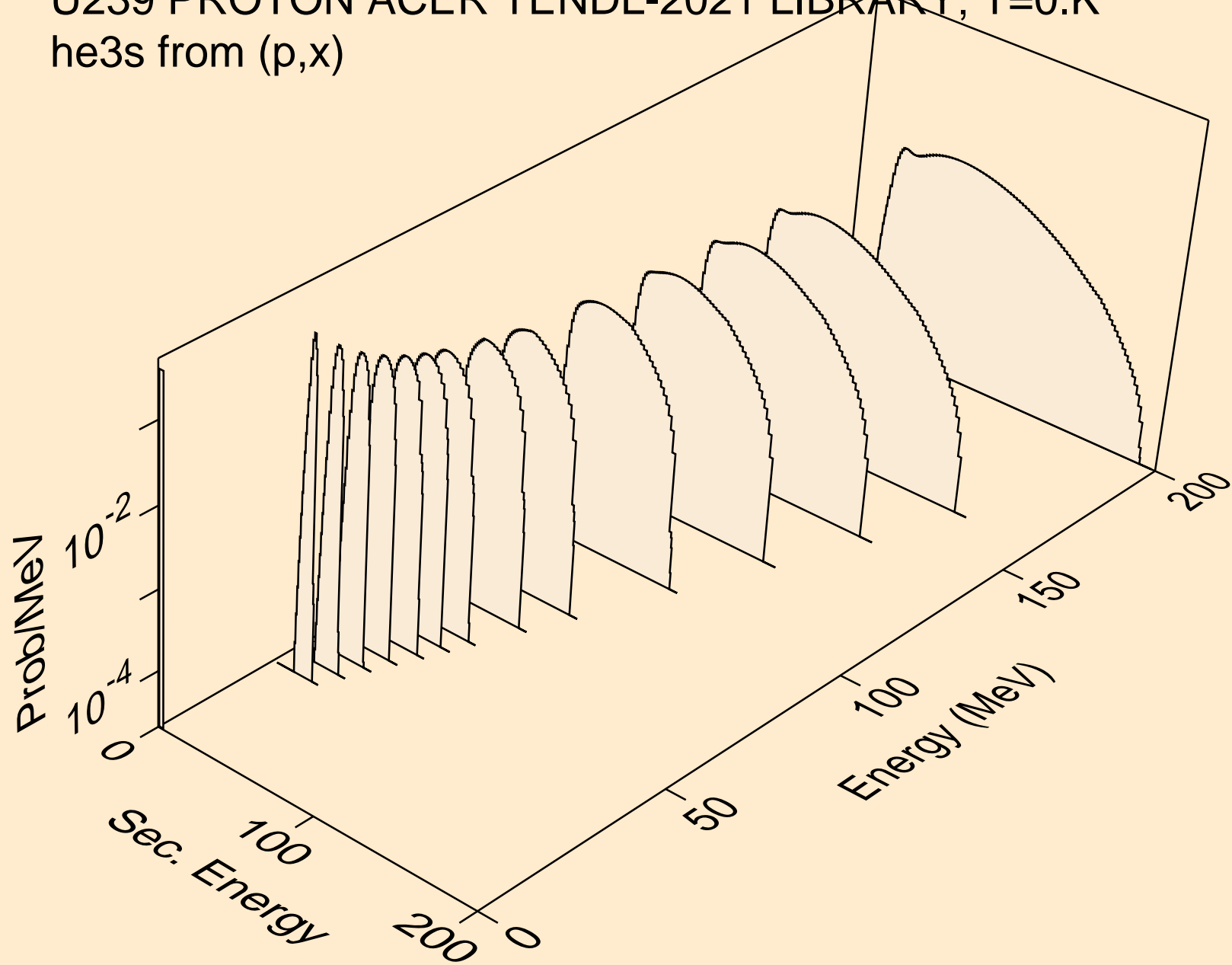
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tritons from (p,n*)t



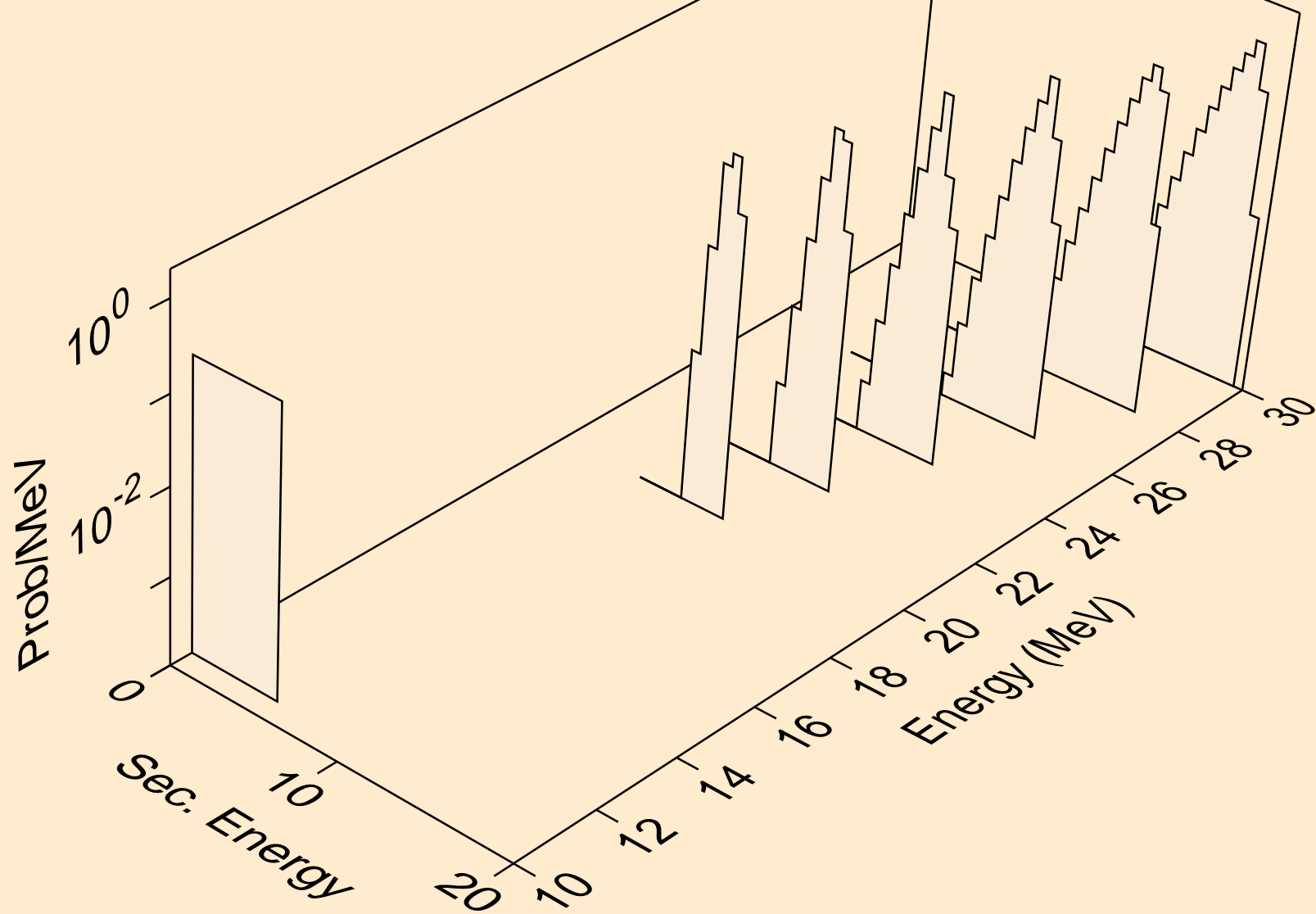
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tritons from (p,t)



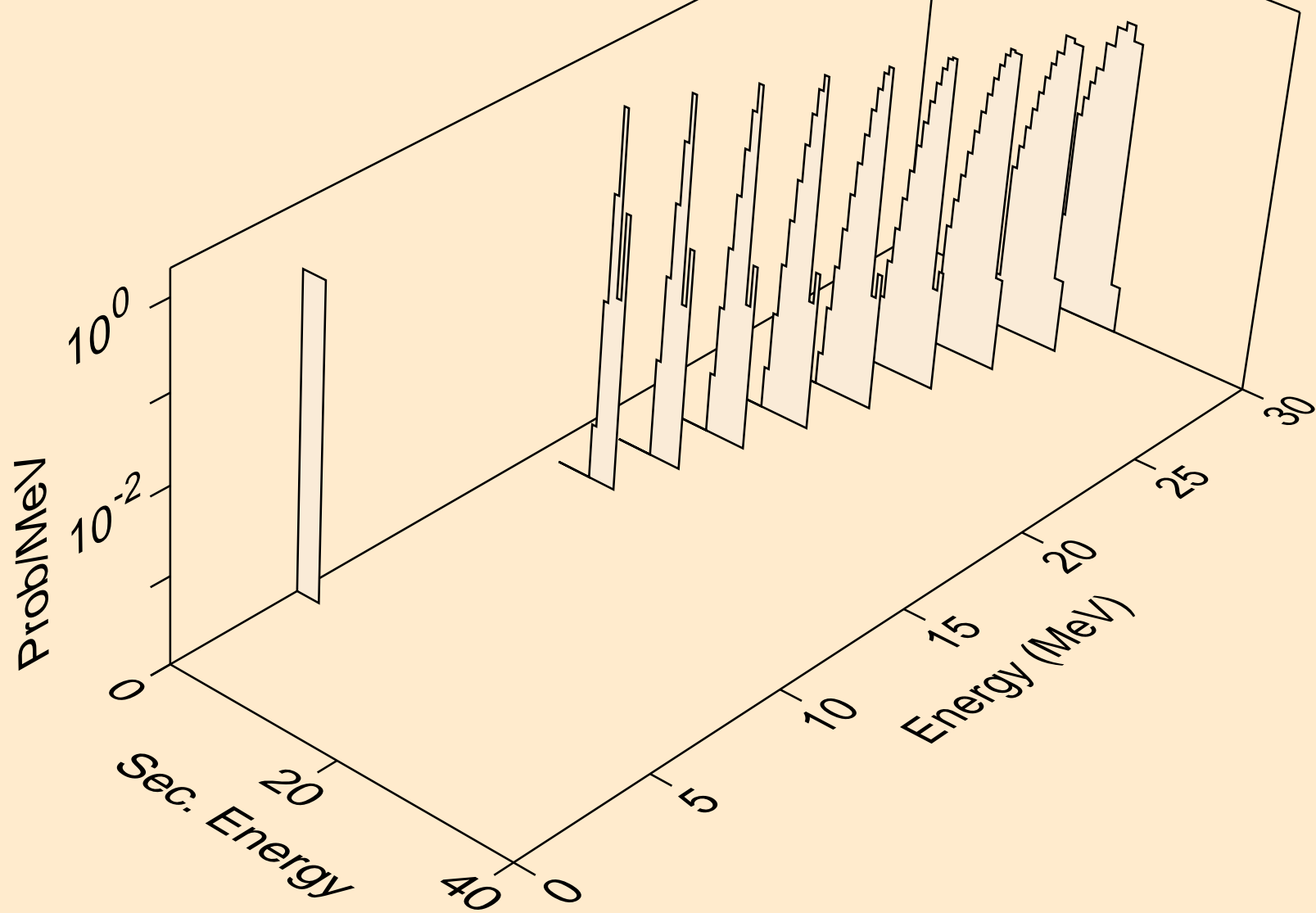
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
he3s from (p,x)



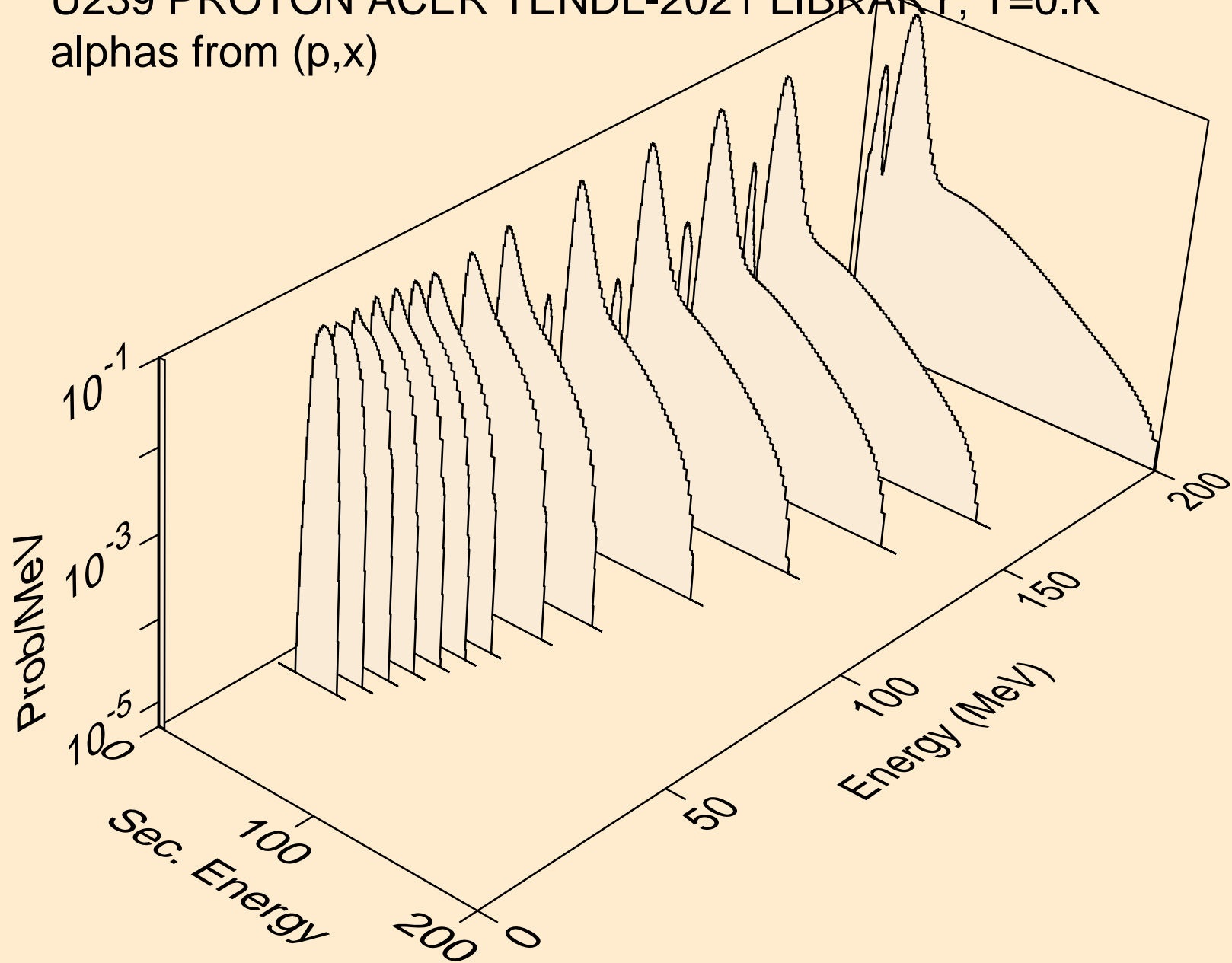
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
he3s from (p,n*)he3



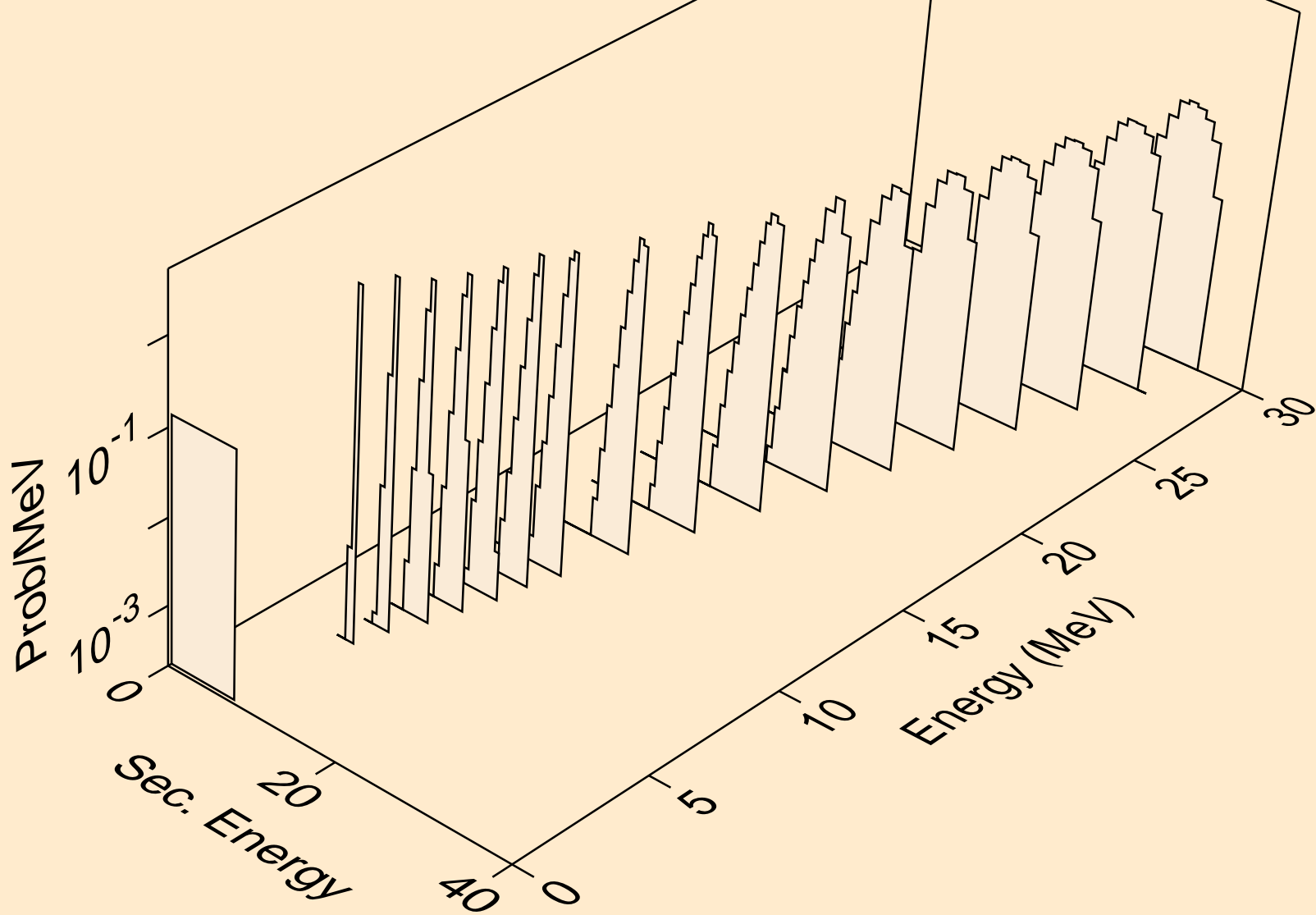
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
he3s from (p,he3)



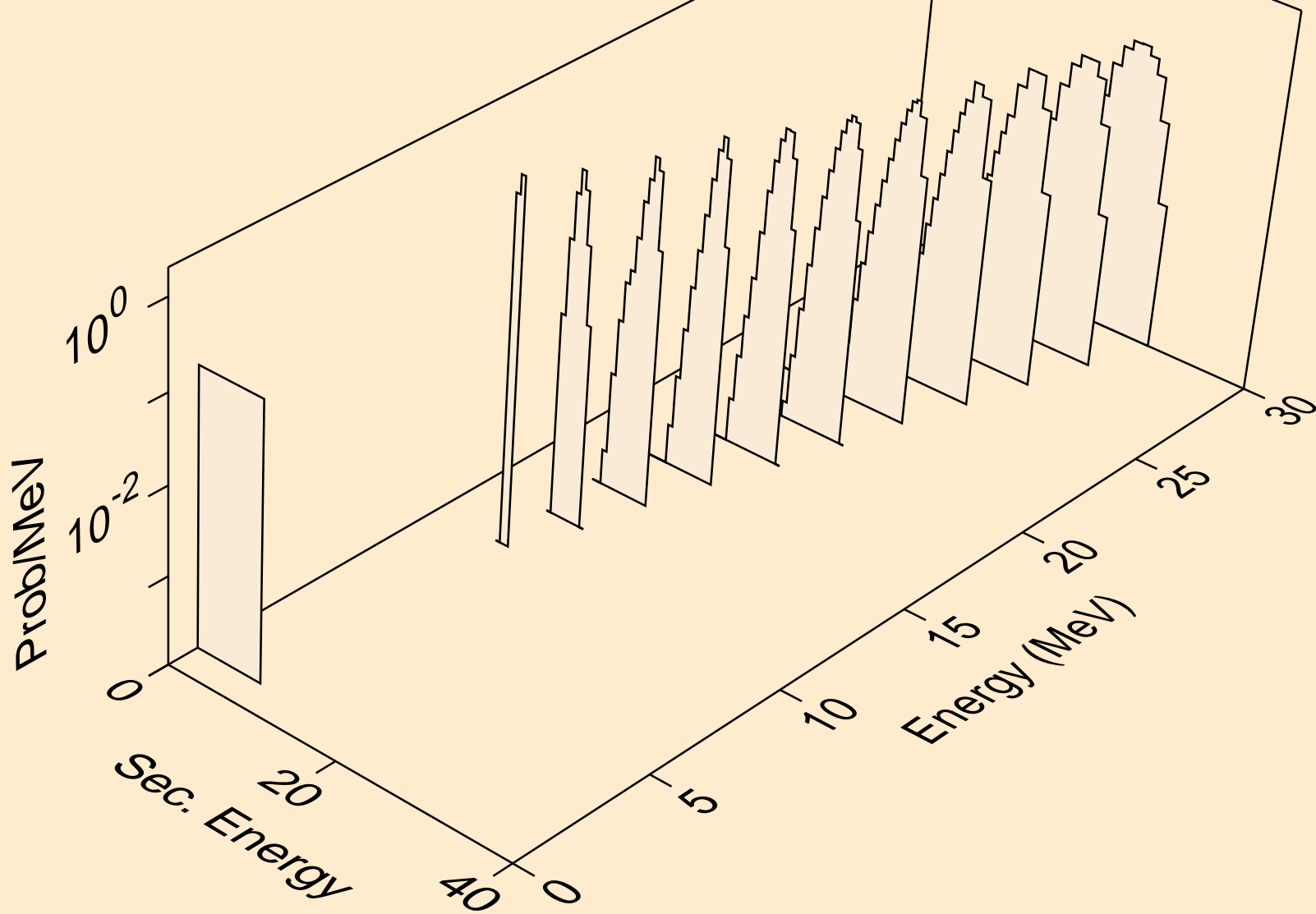
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,x)



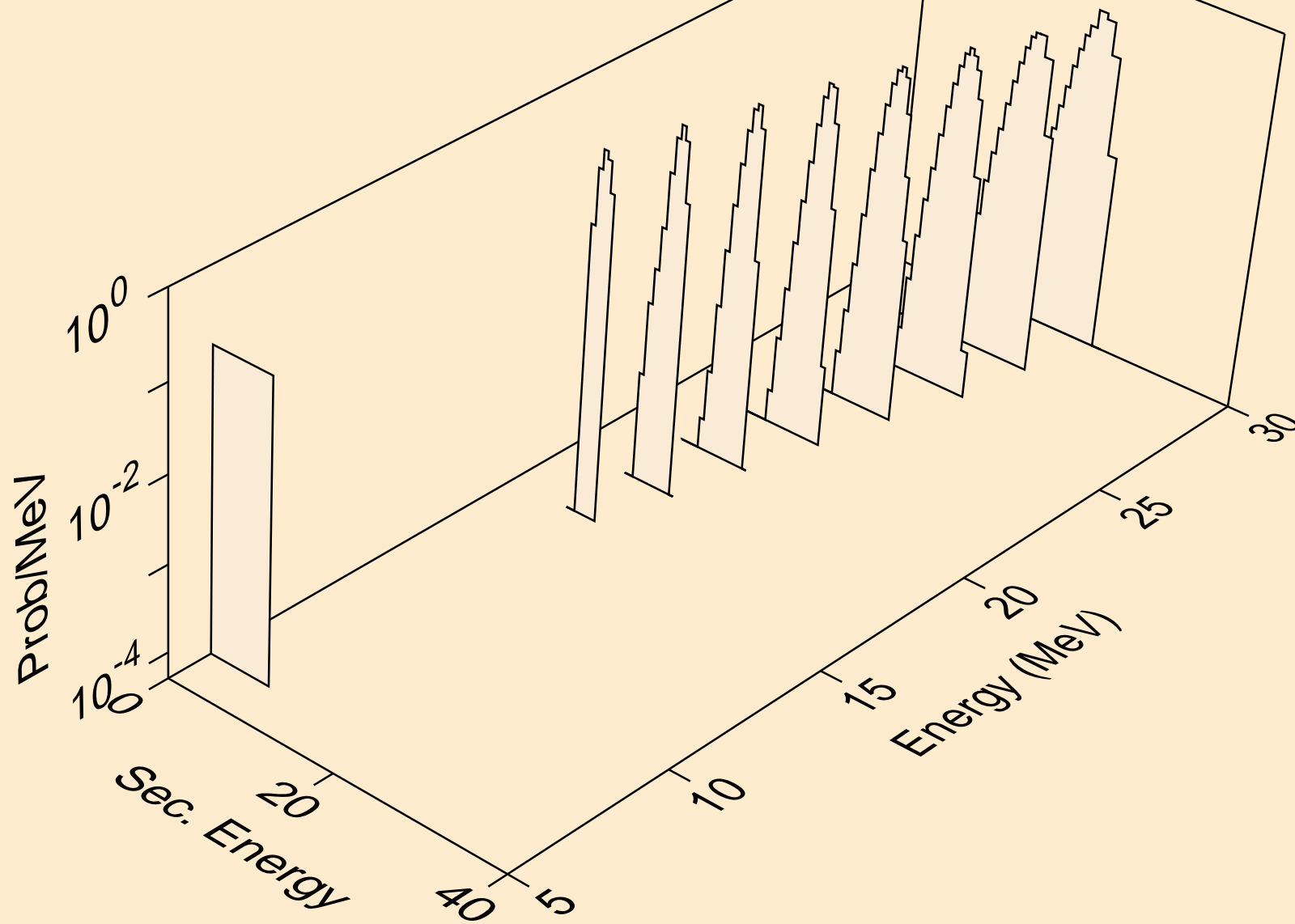
U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,n*)a



U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,2n)a



U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,3n)a



U239 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,a)

