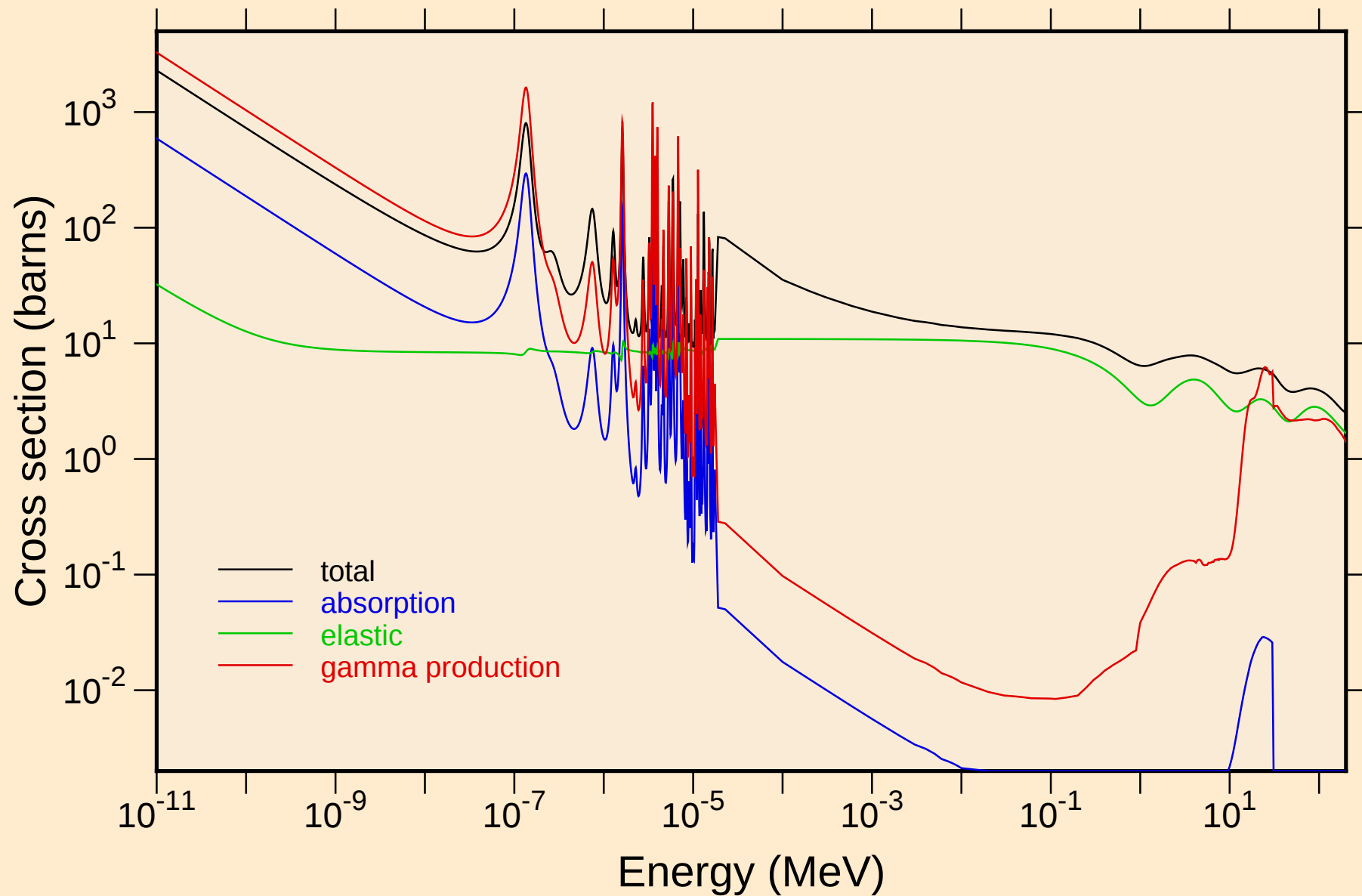
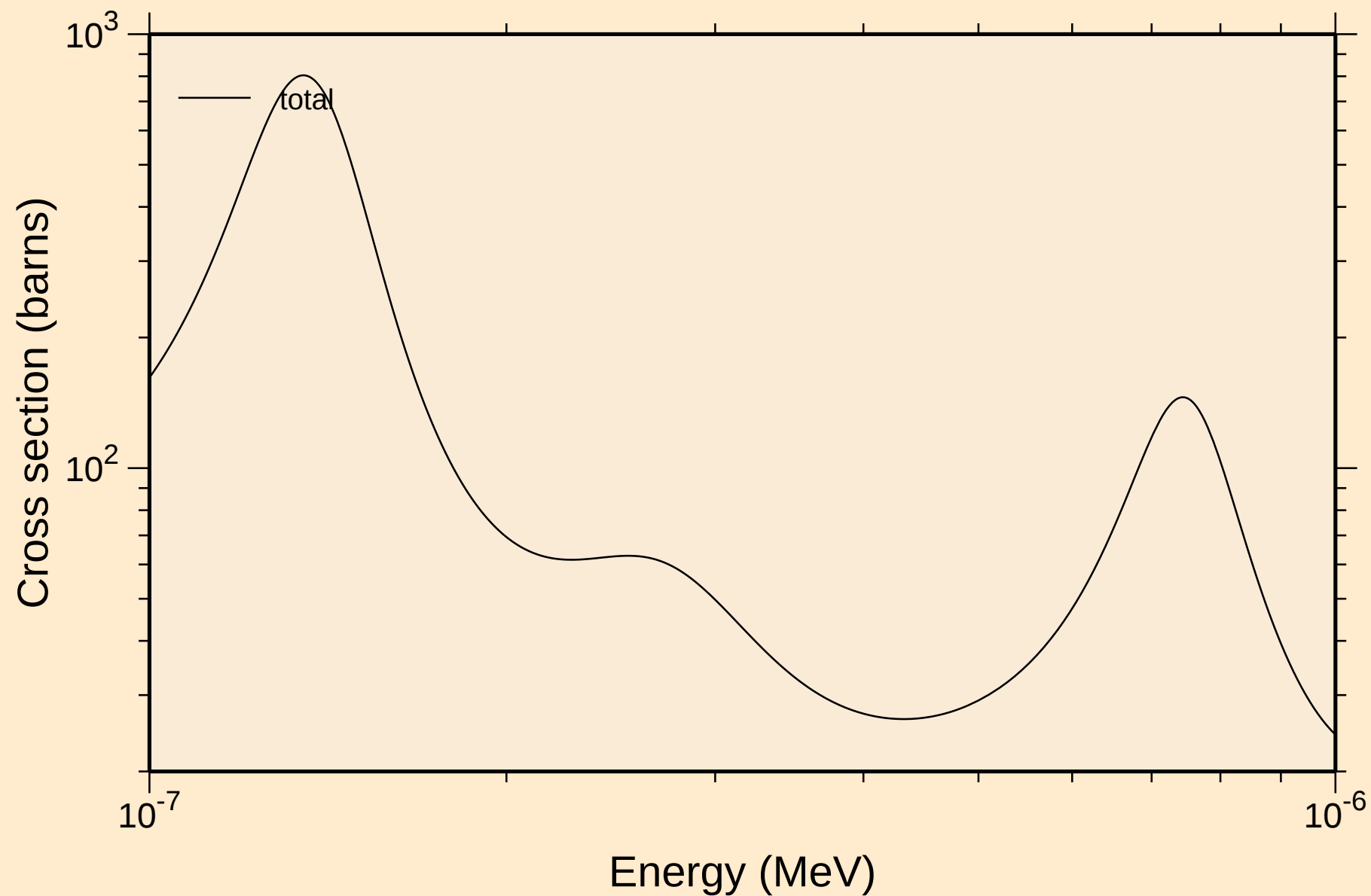


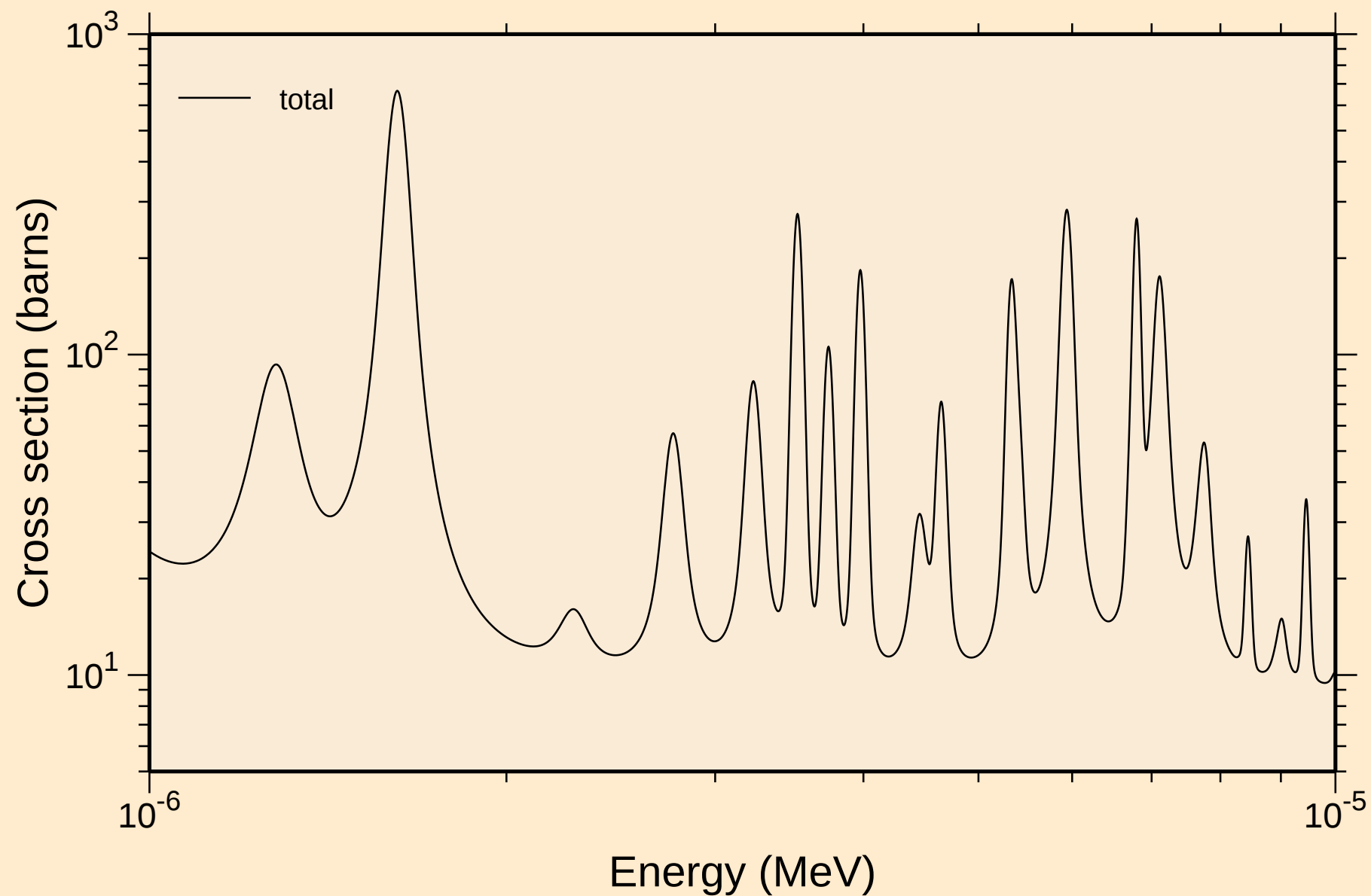
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



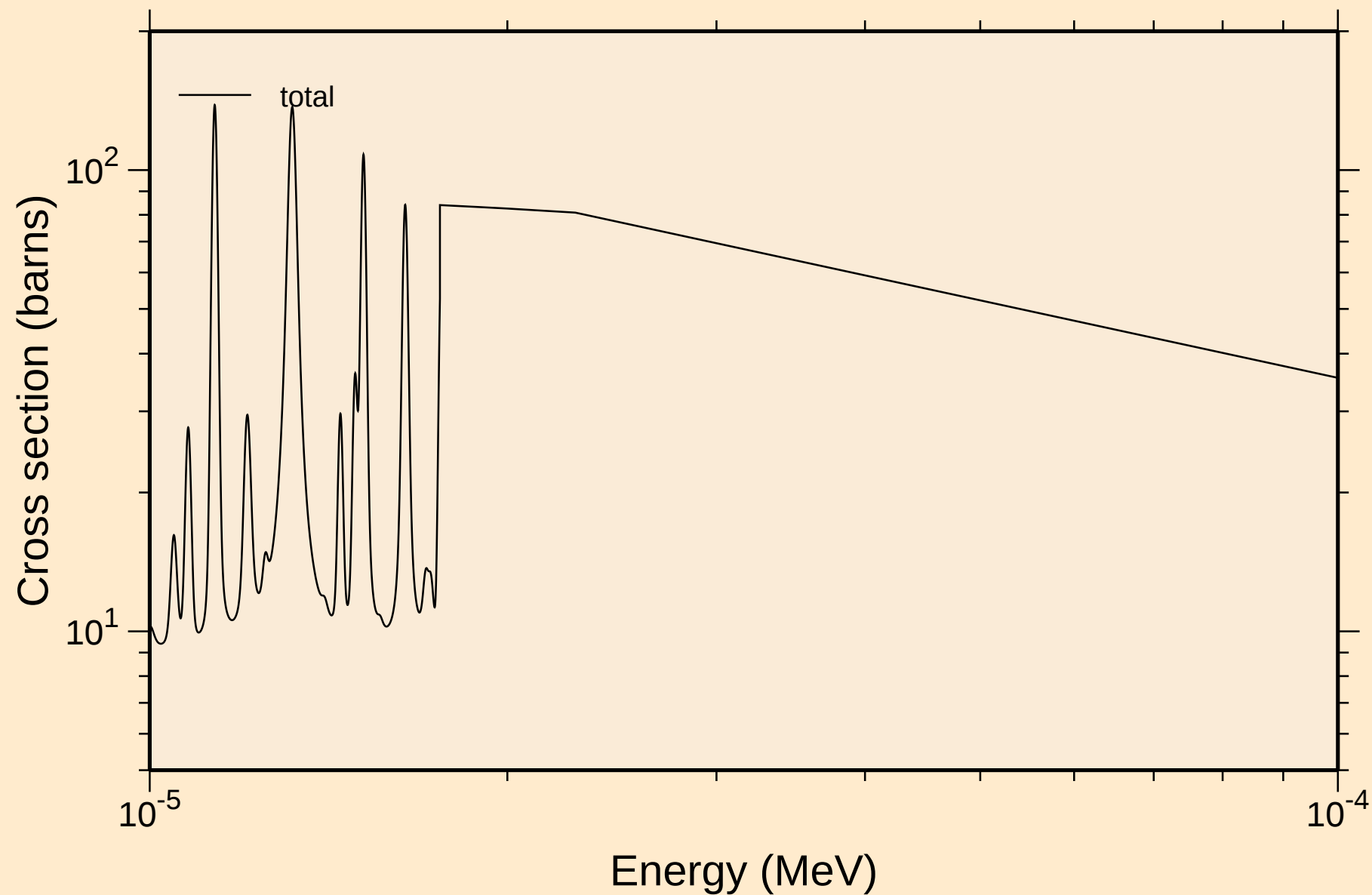
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resonance total cross section



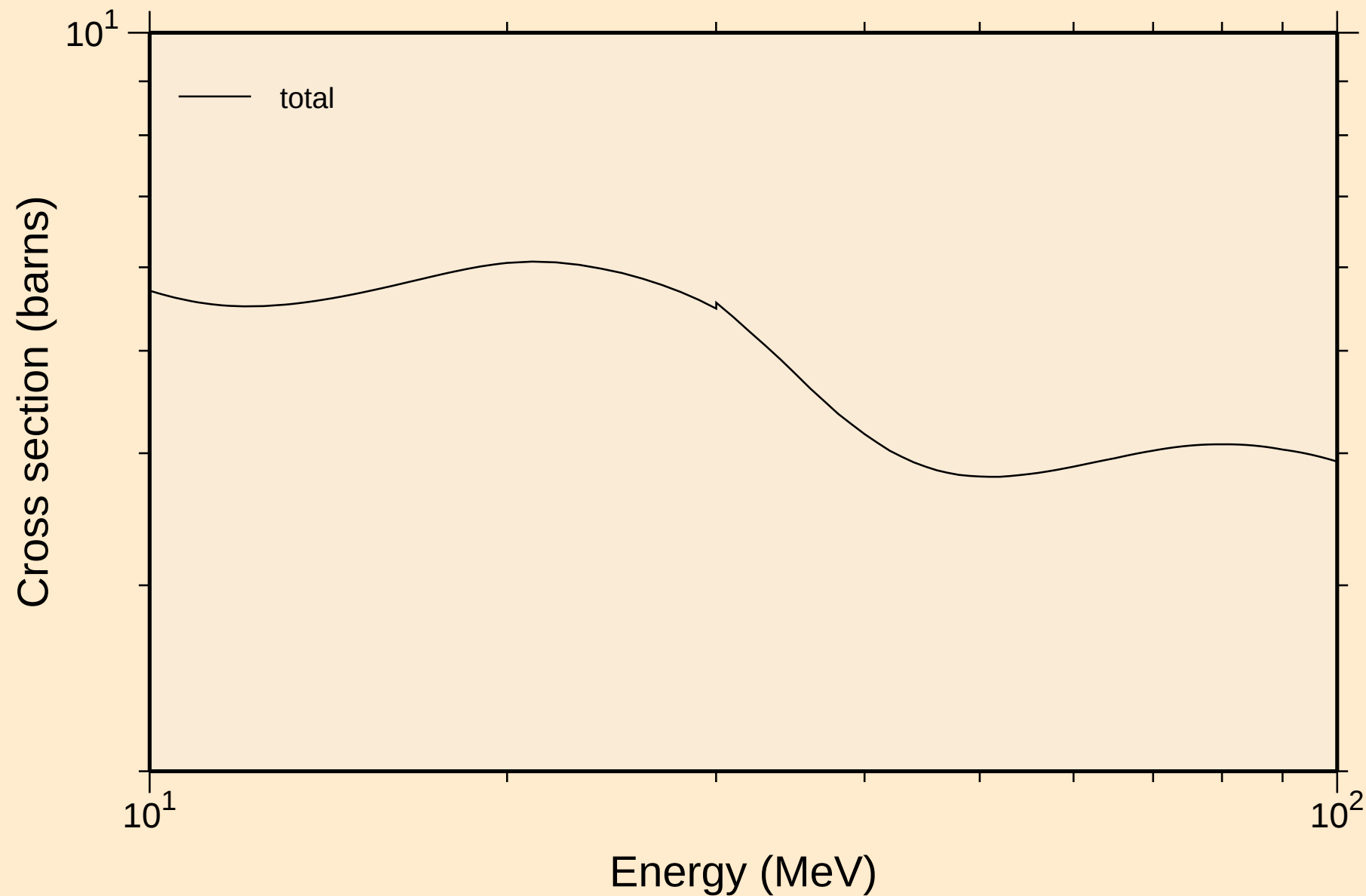
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resonance total cross section



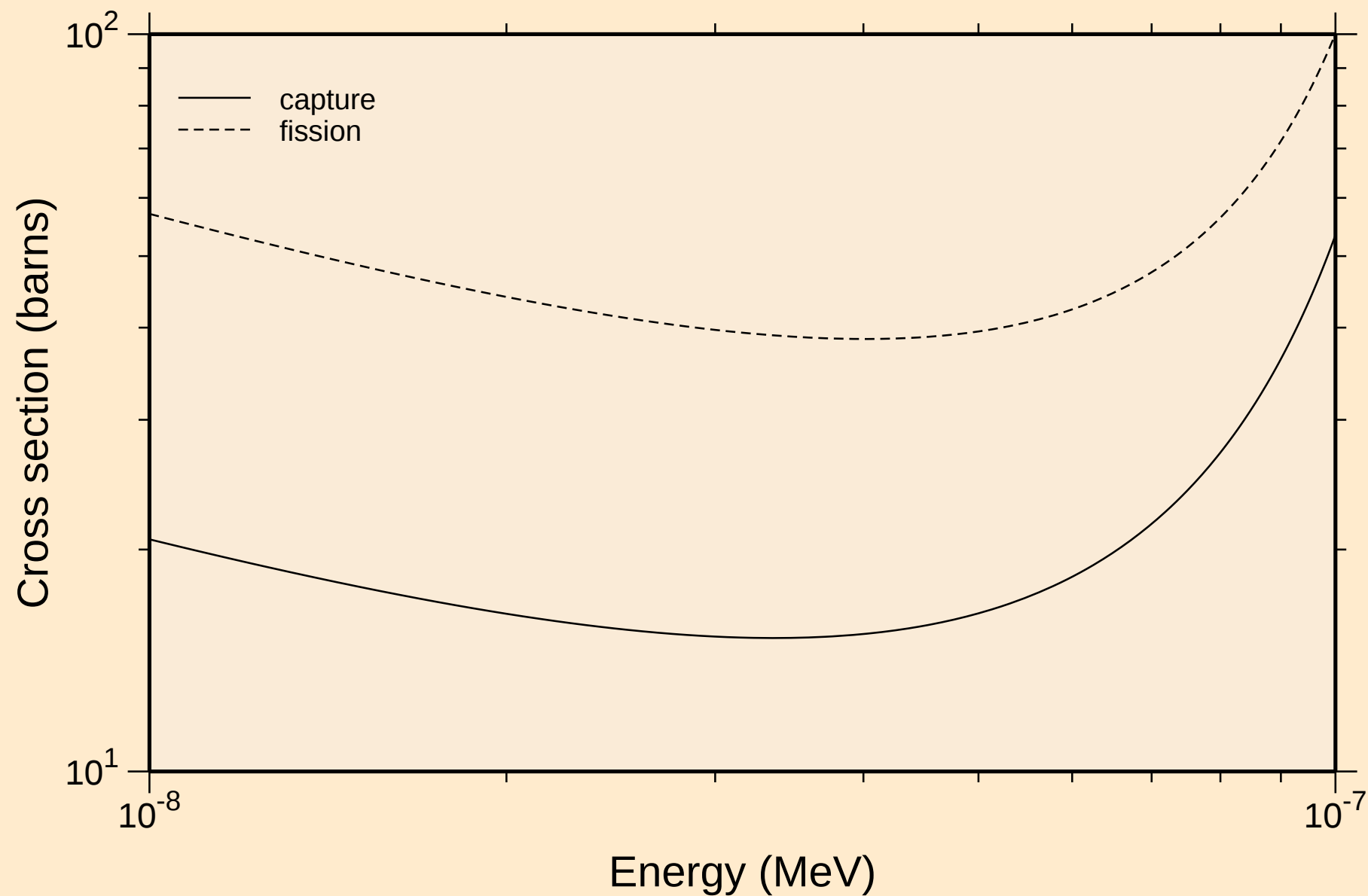
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resonance total cross section



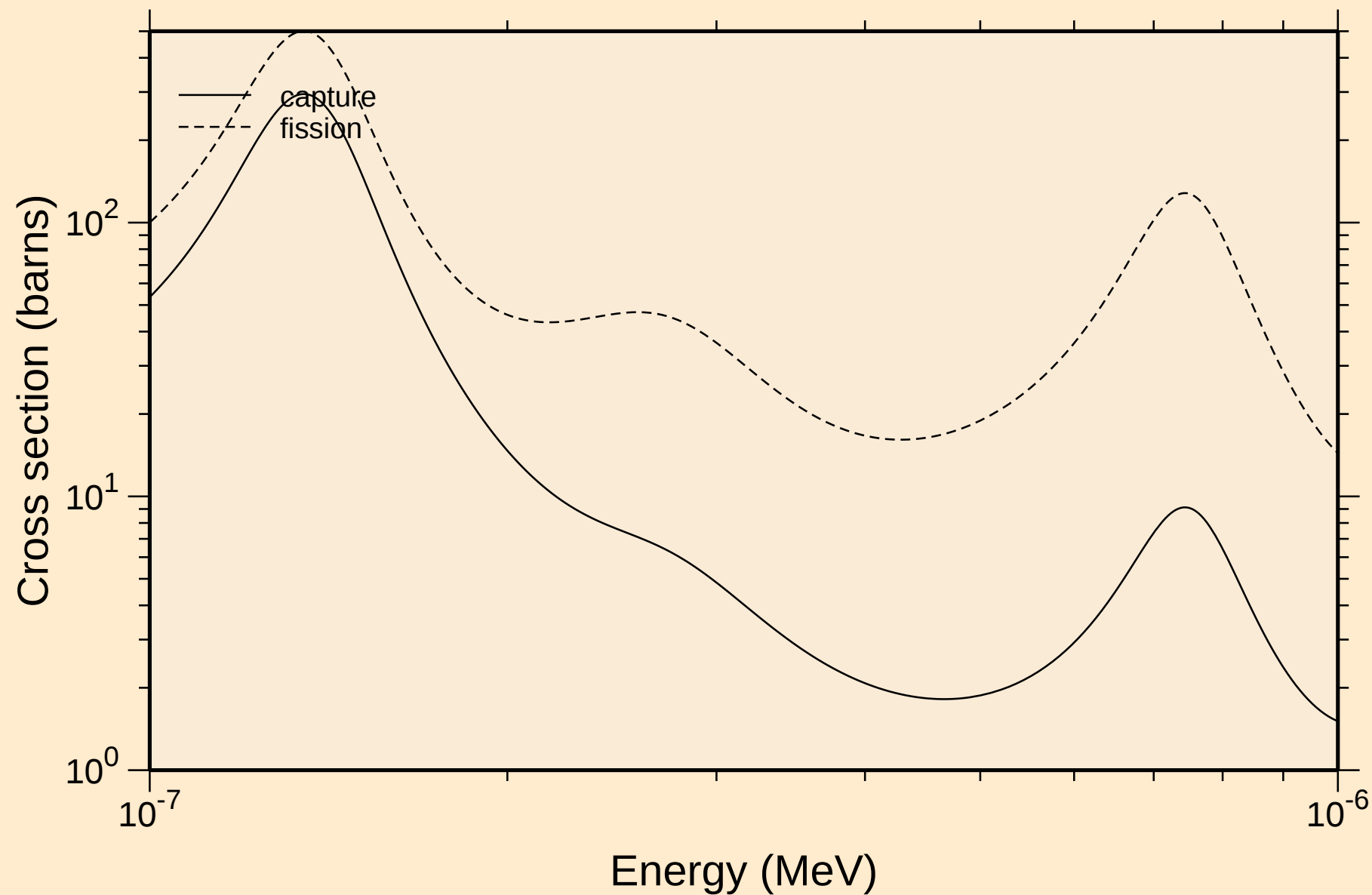
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resonance total cross section



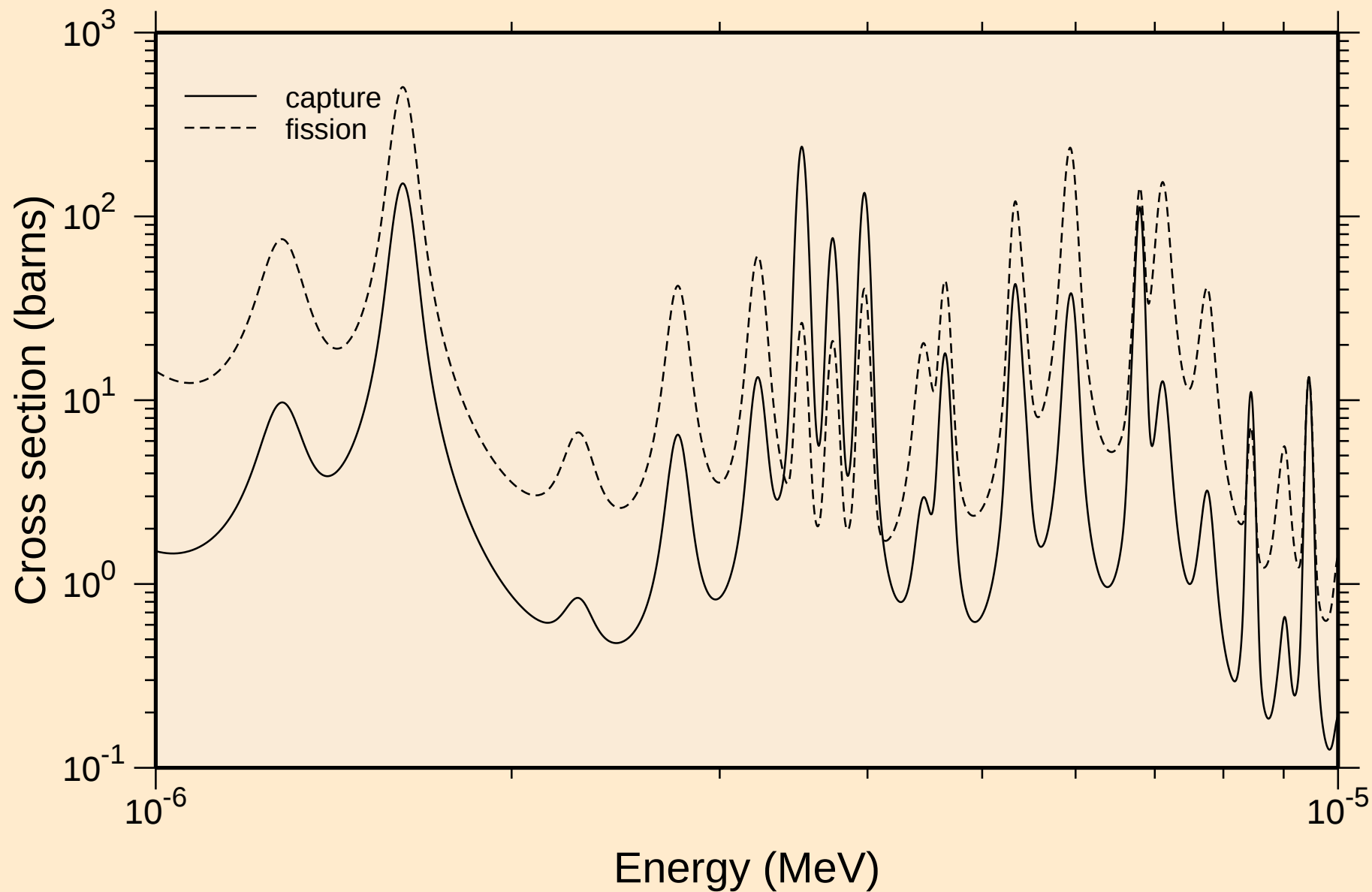
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



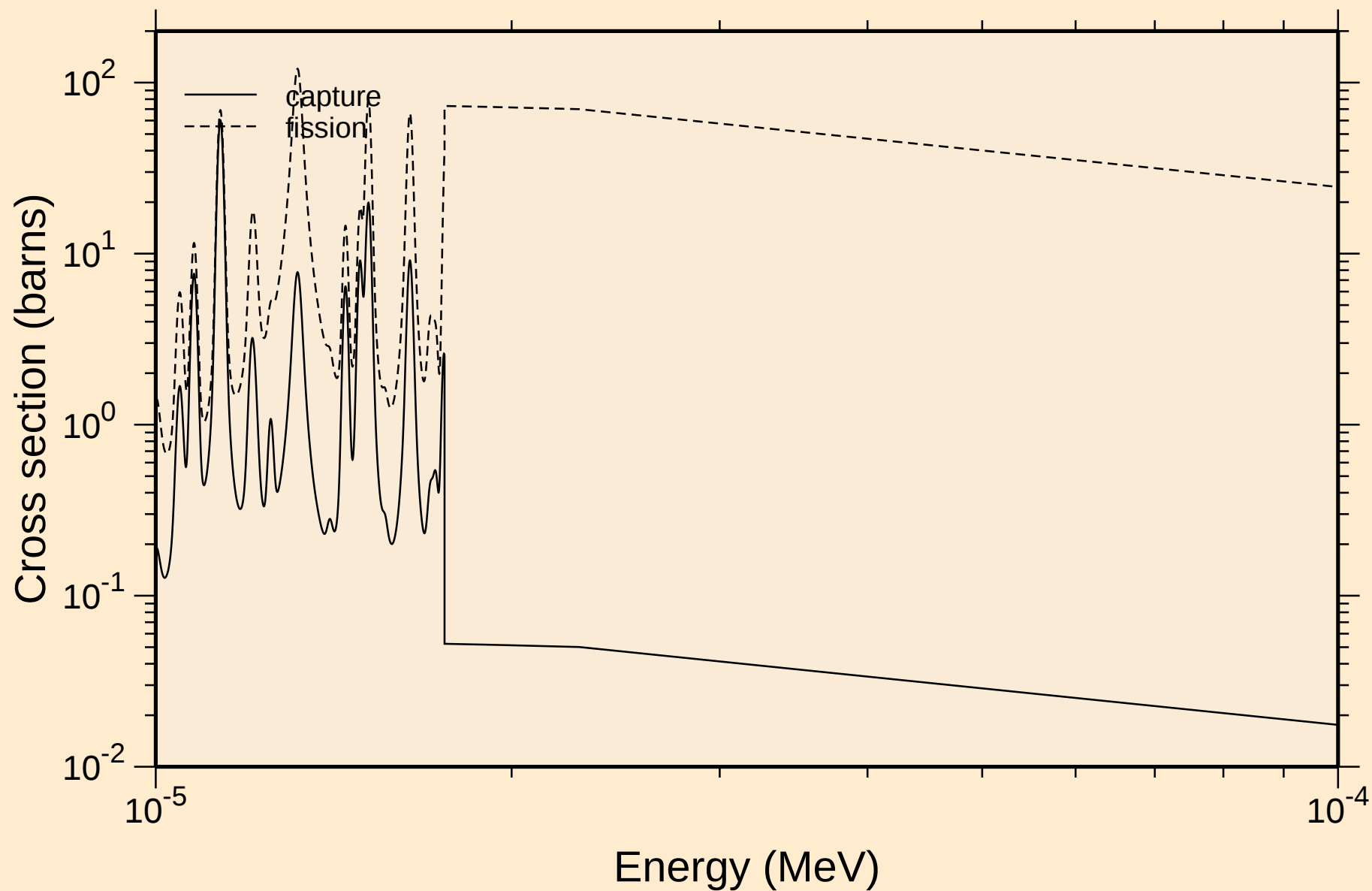
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resonance absorption cross sections



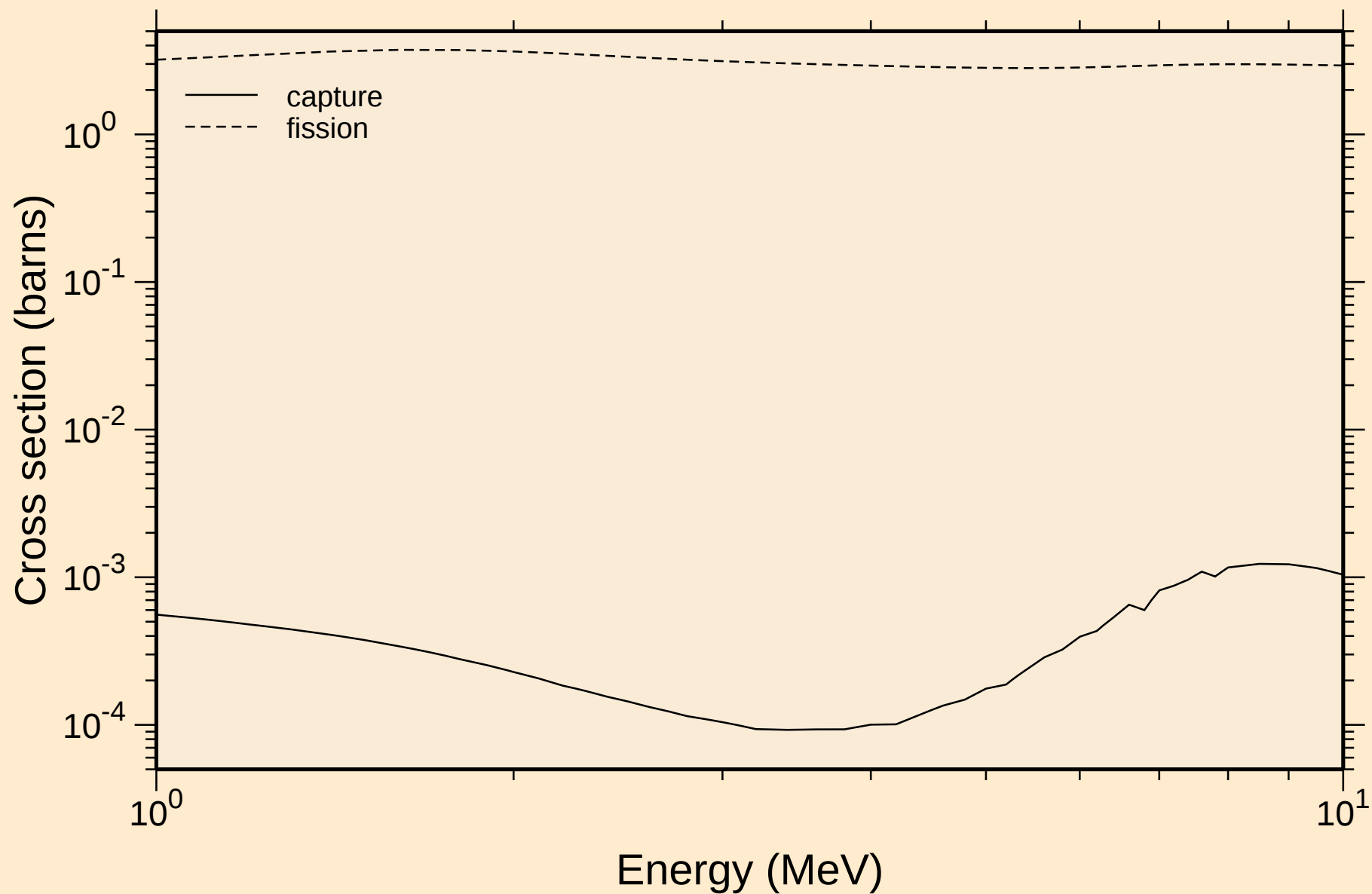
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resonance absorption cross sections



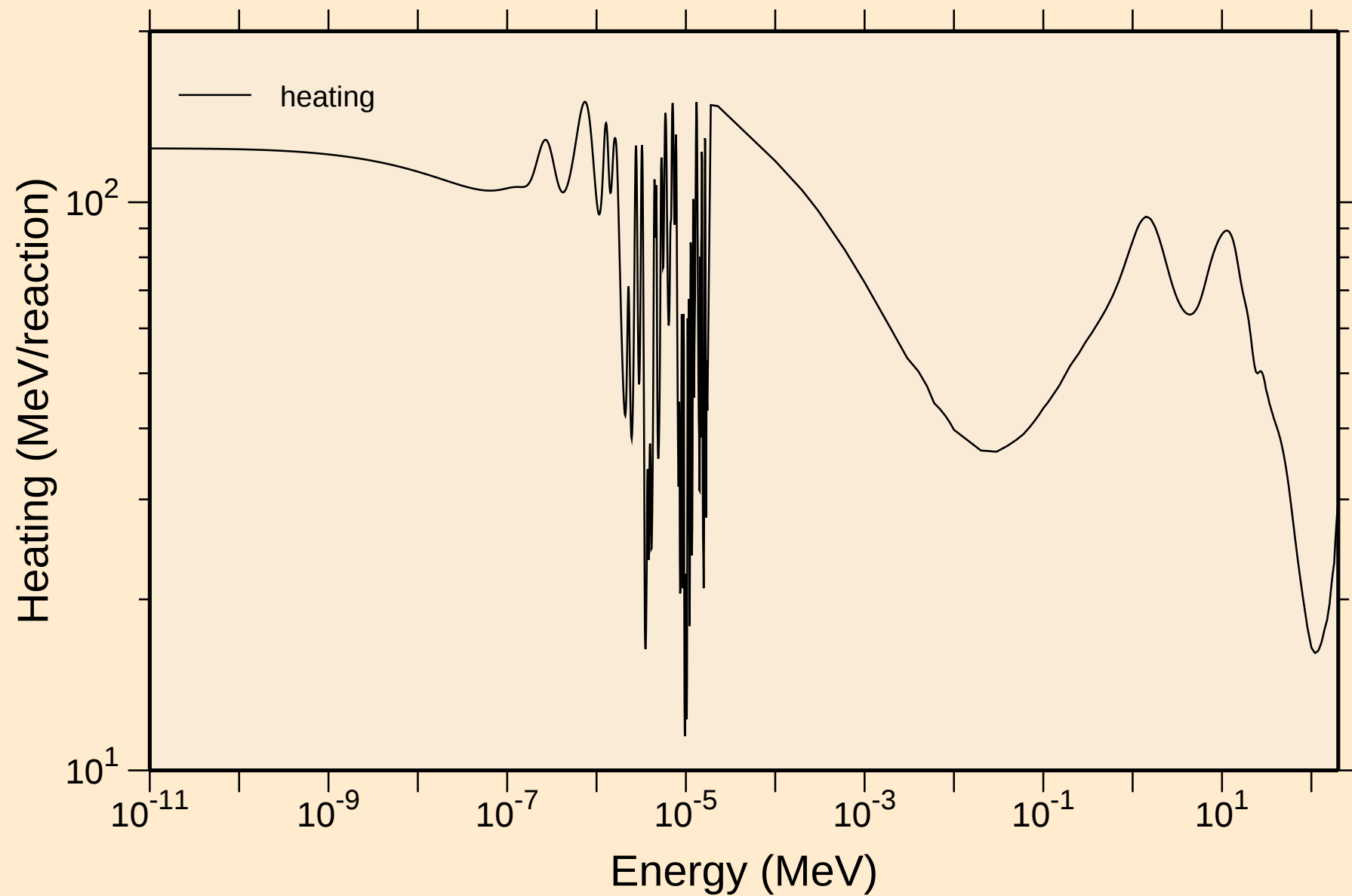
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resonance absorption cross sections



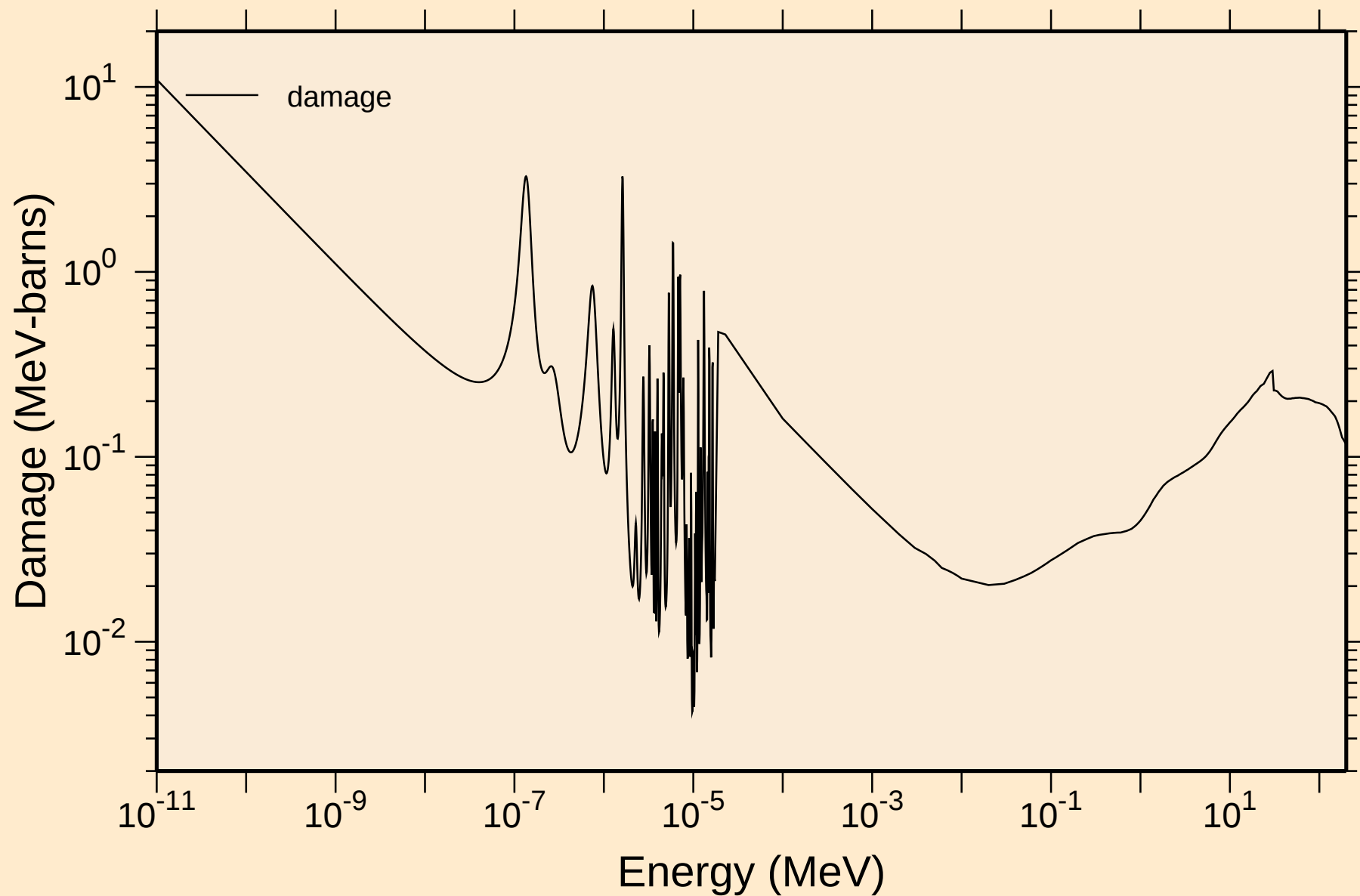
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resonance absorption cross sections



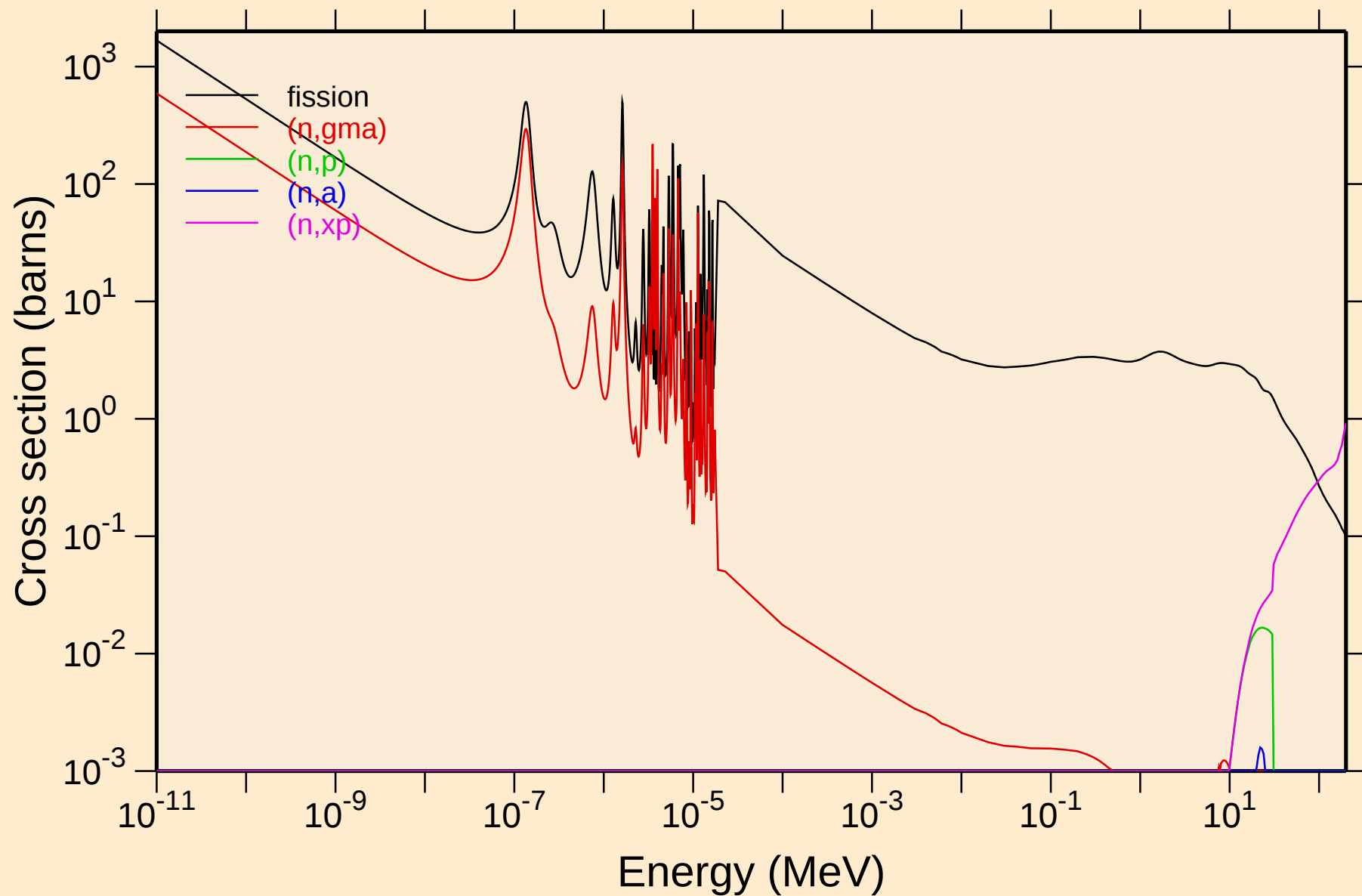
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



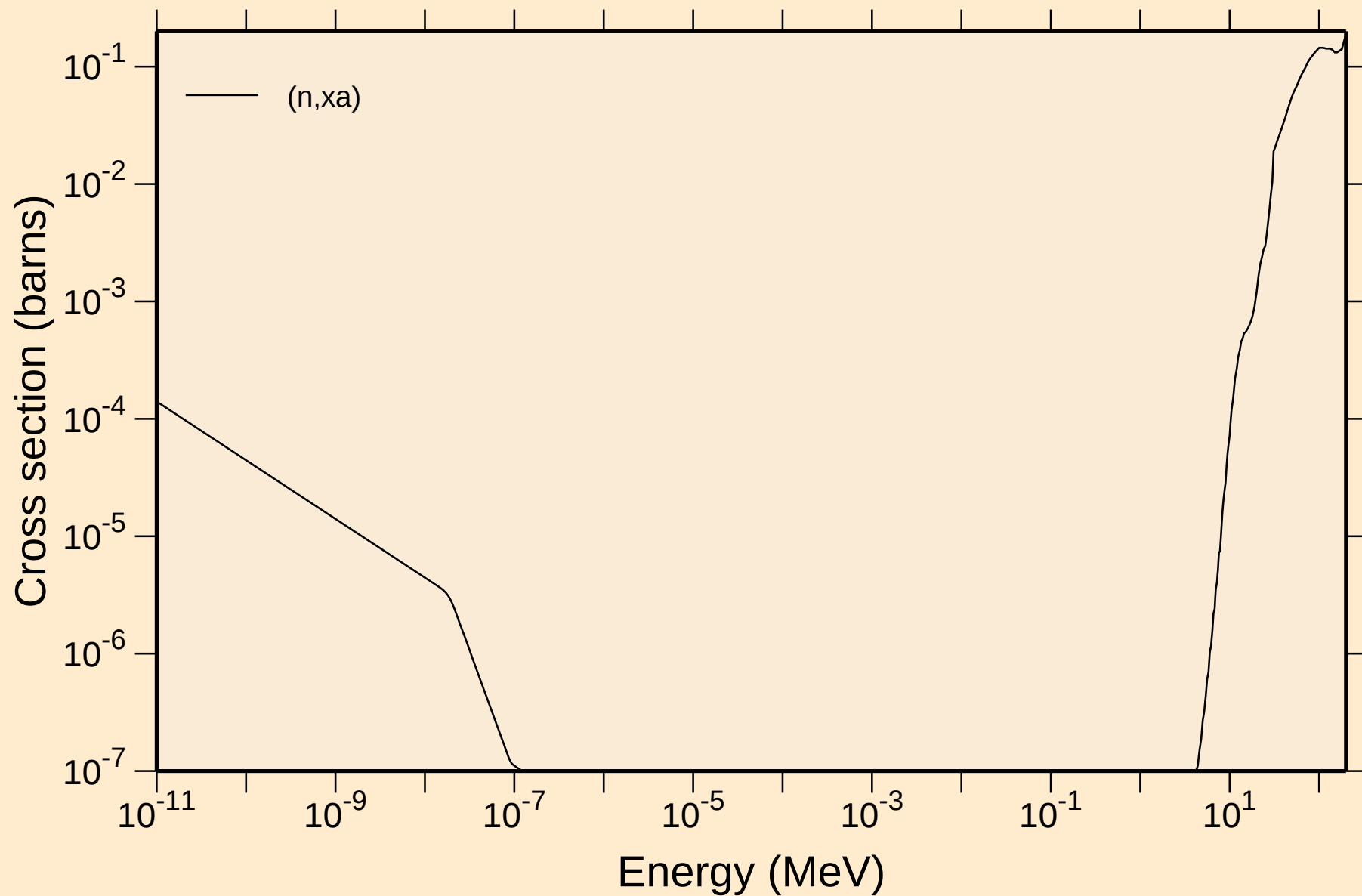
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

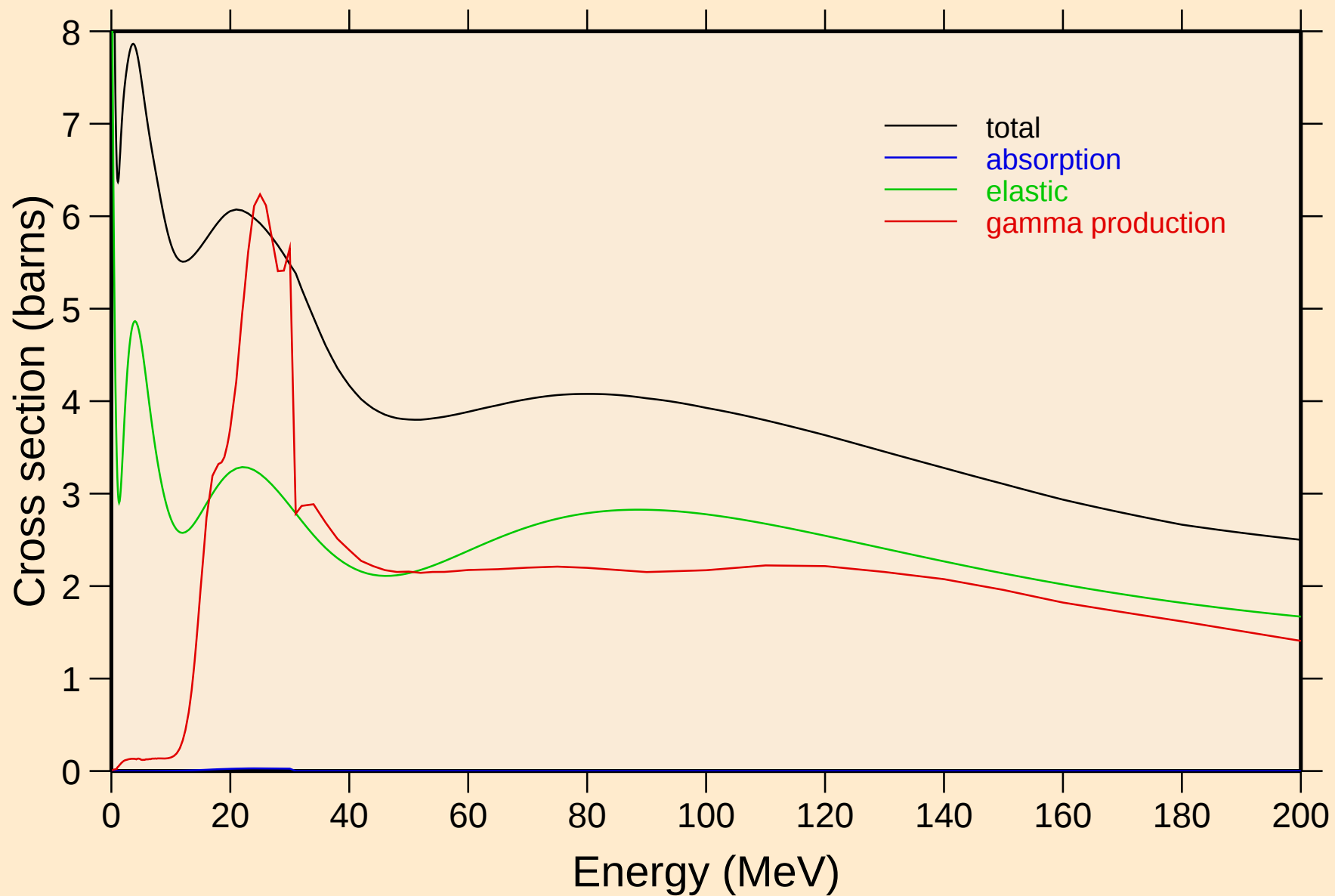


NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

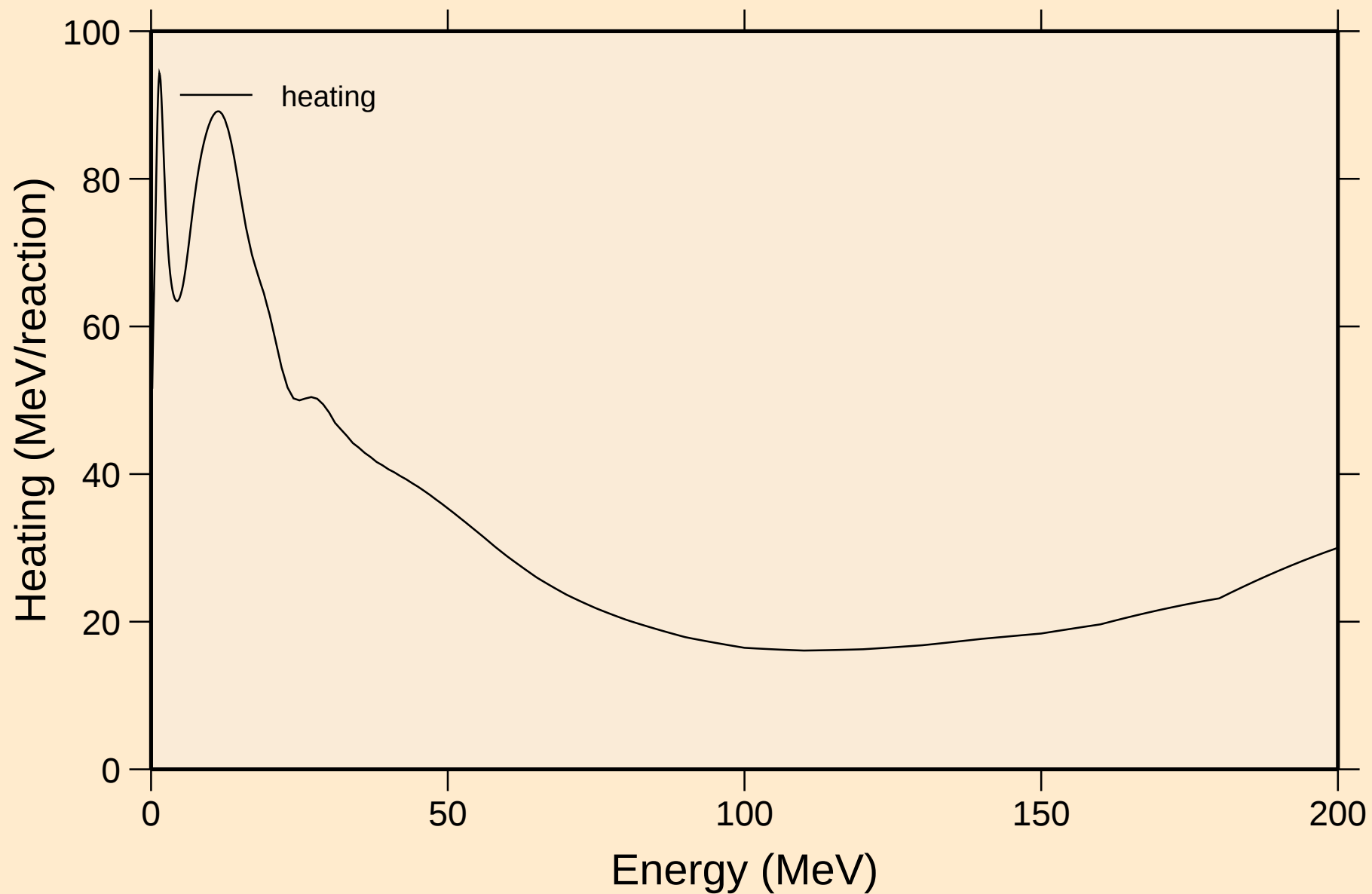


NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

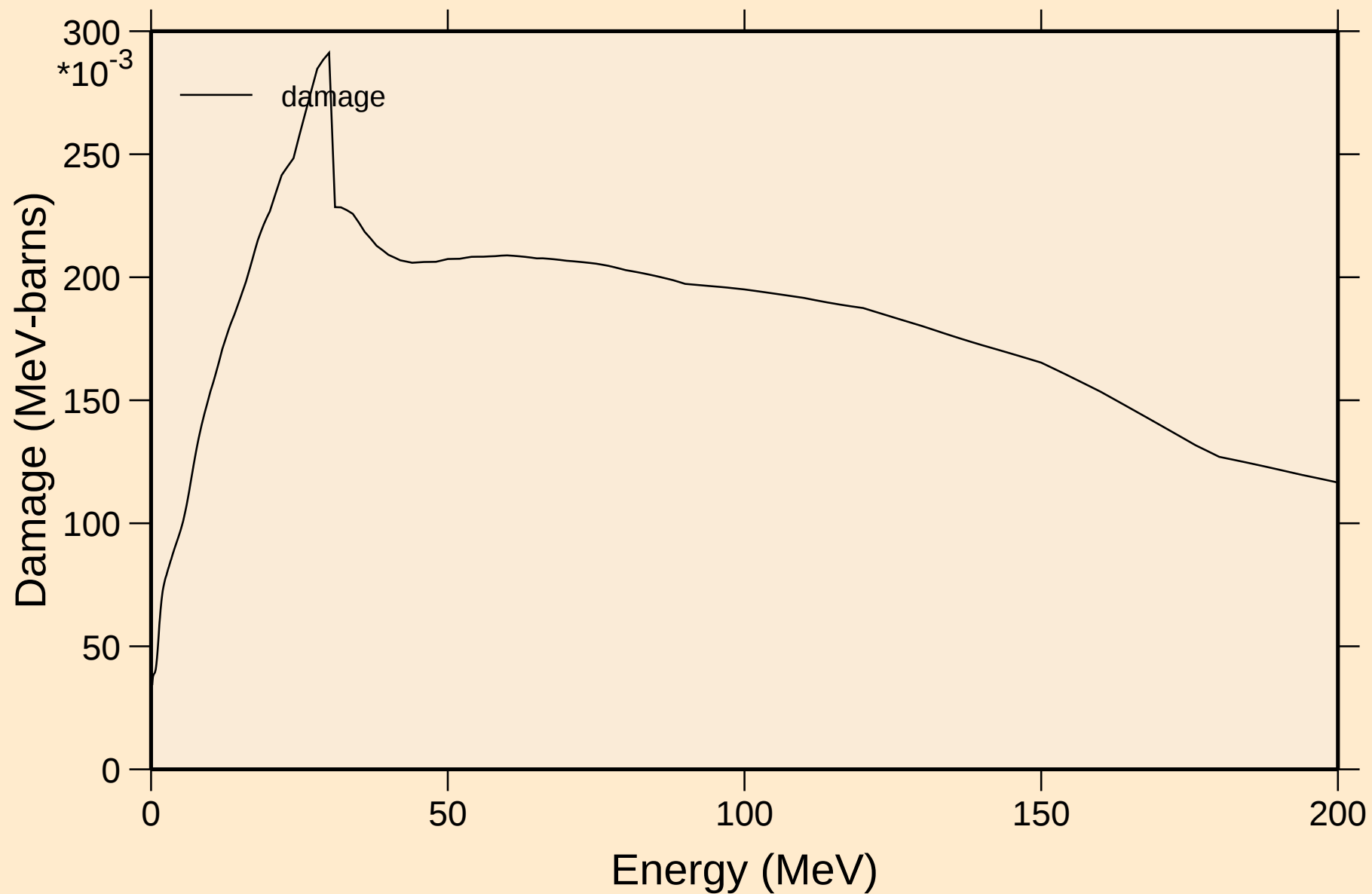
Principal cross sections



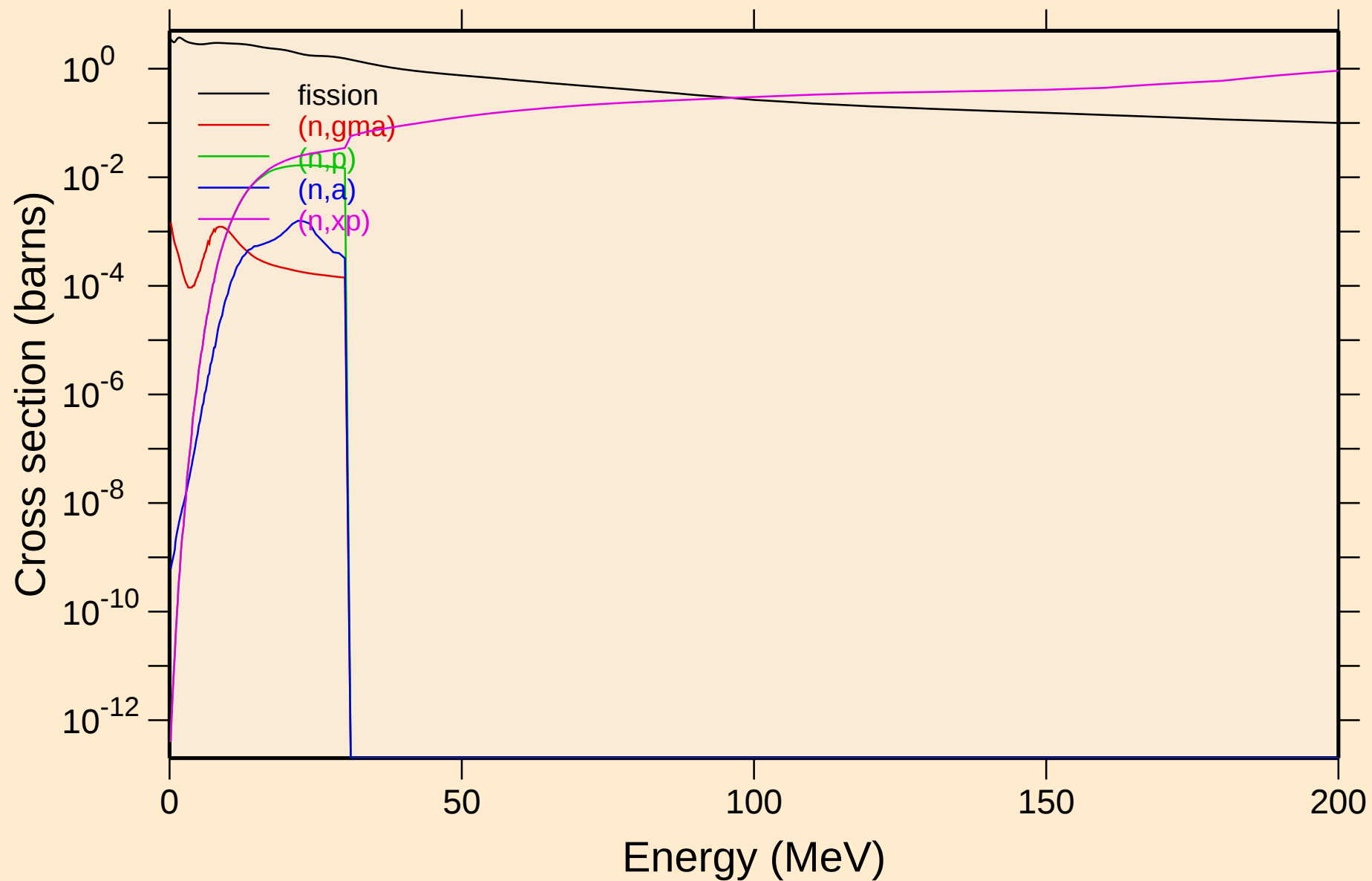
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



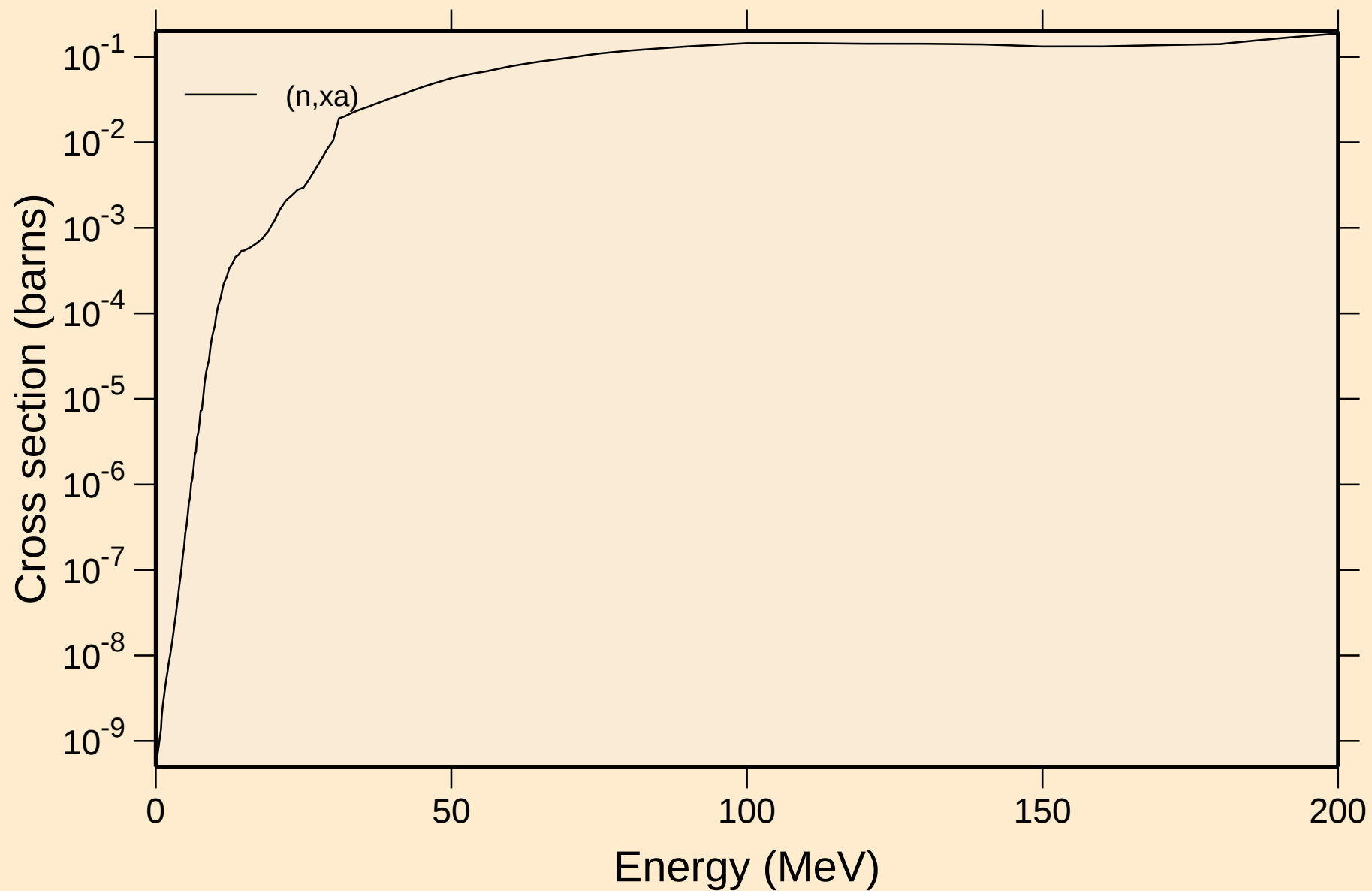
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Damage



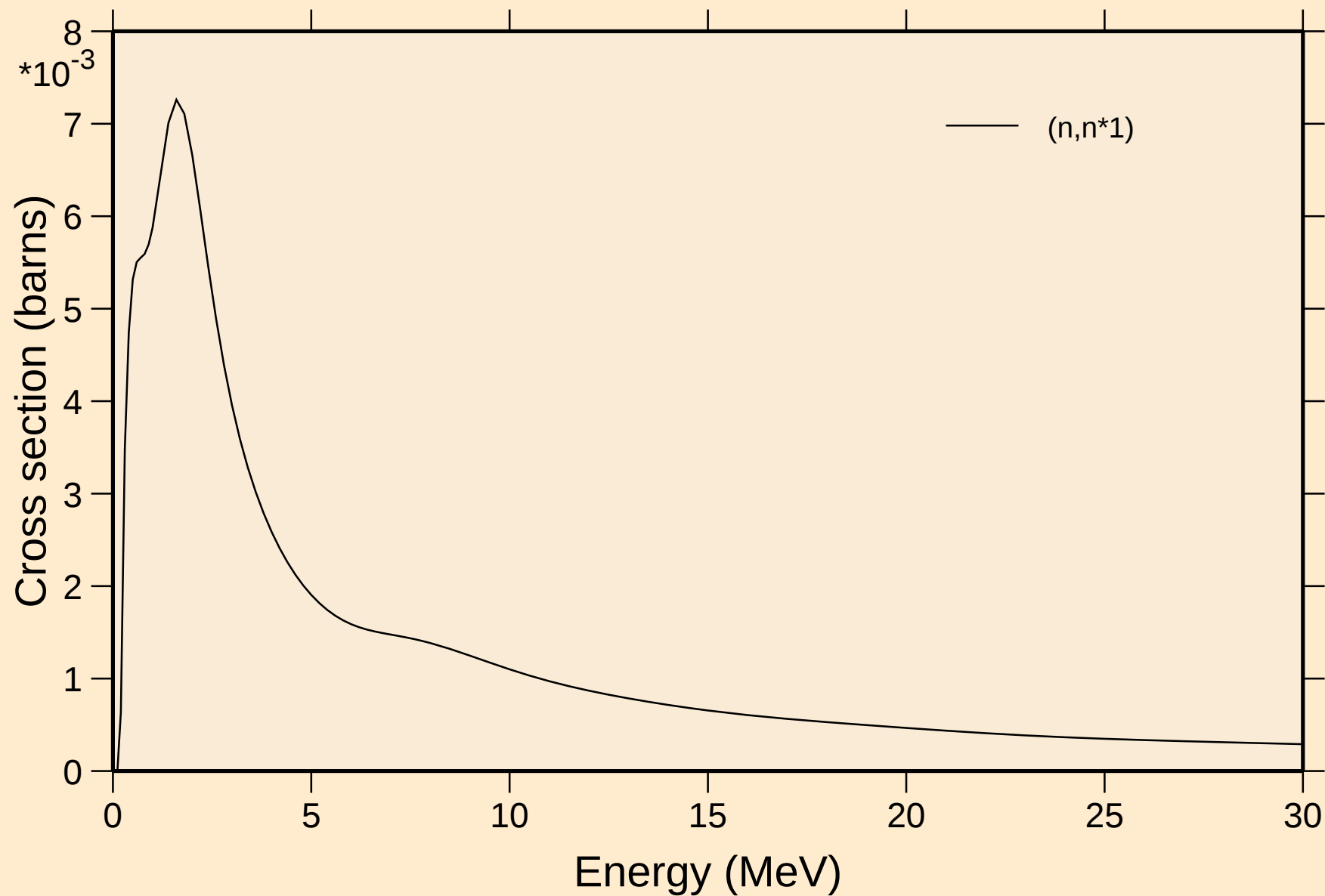
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Non-threshold reactions



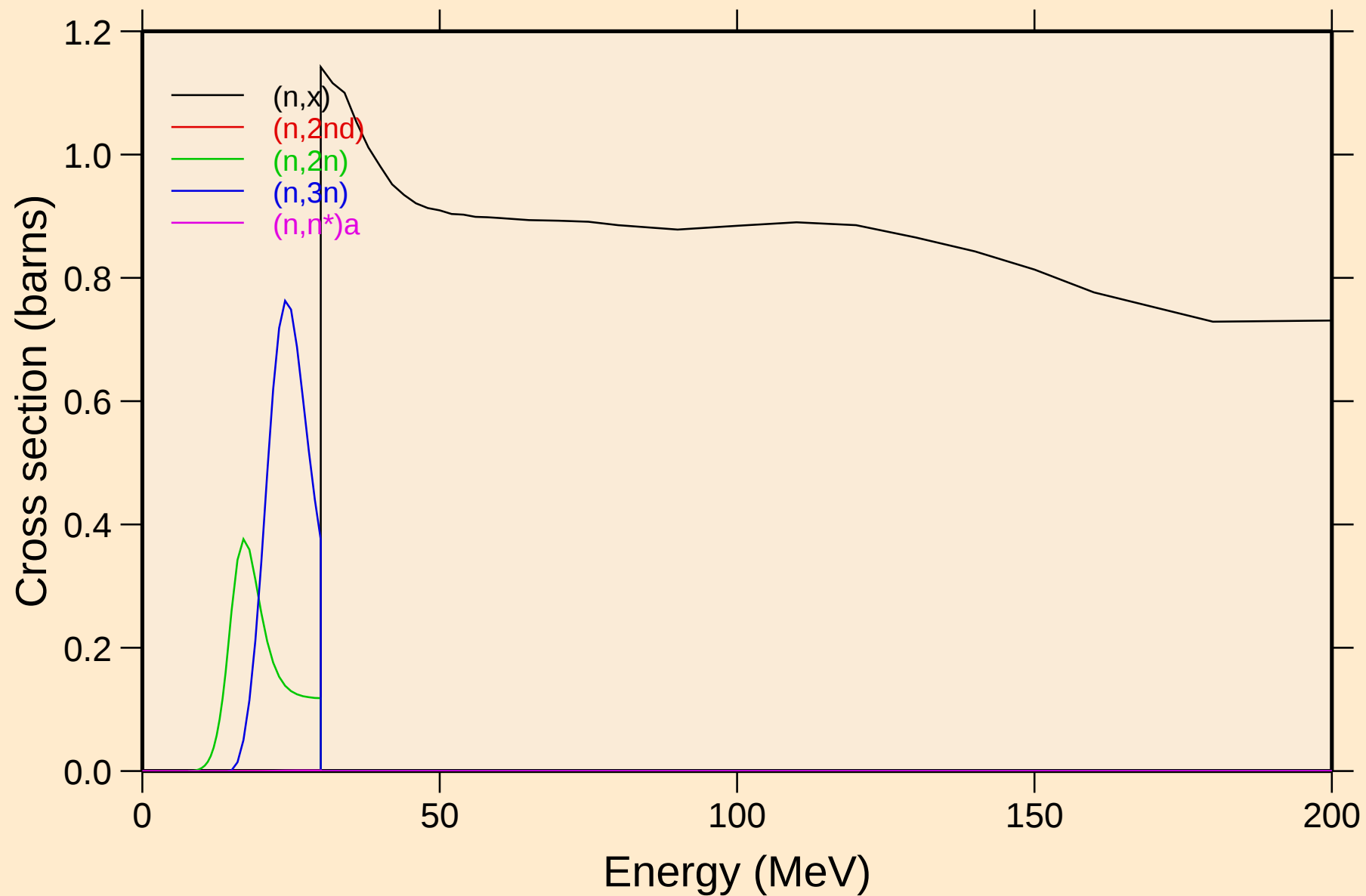
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



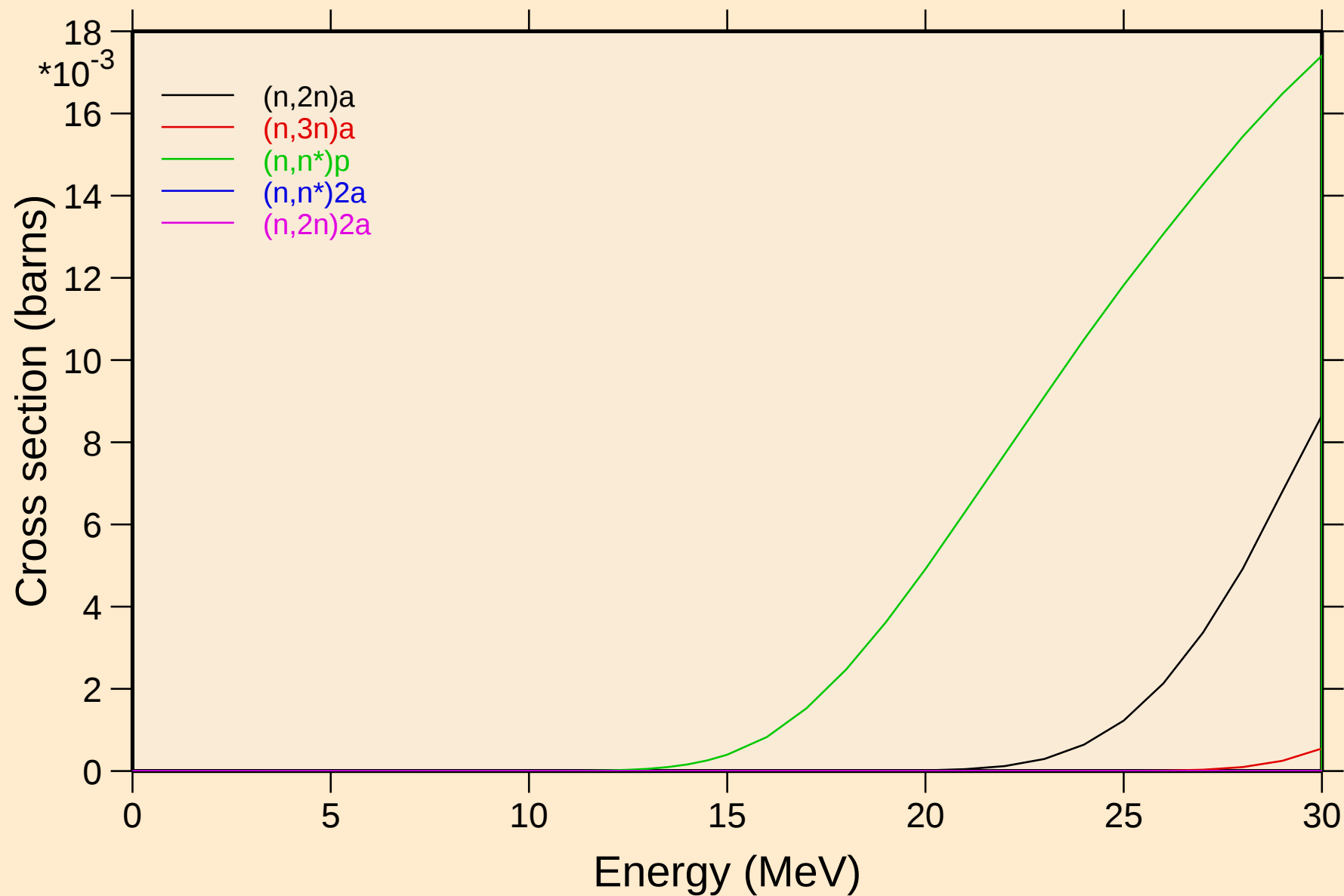
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



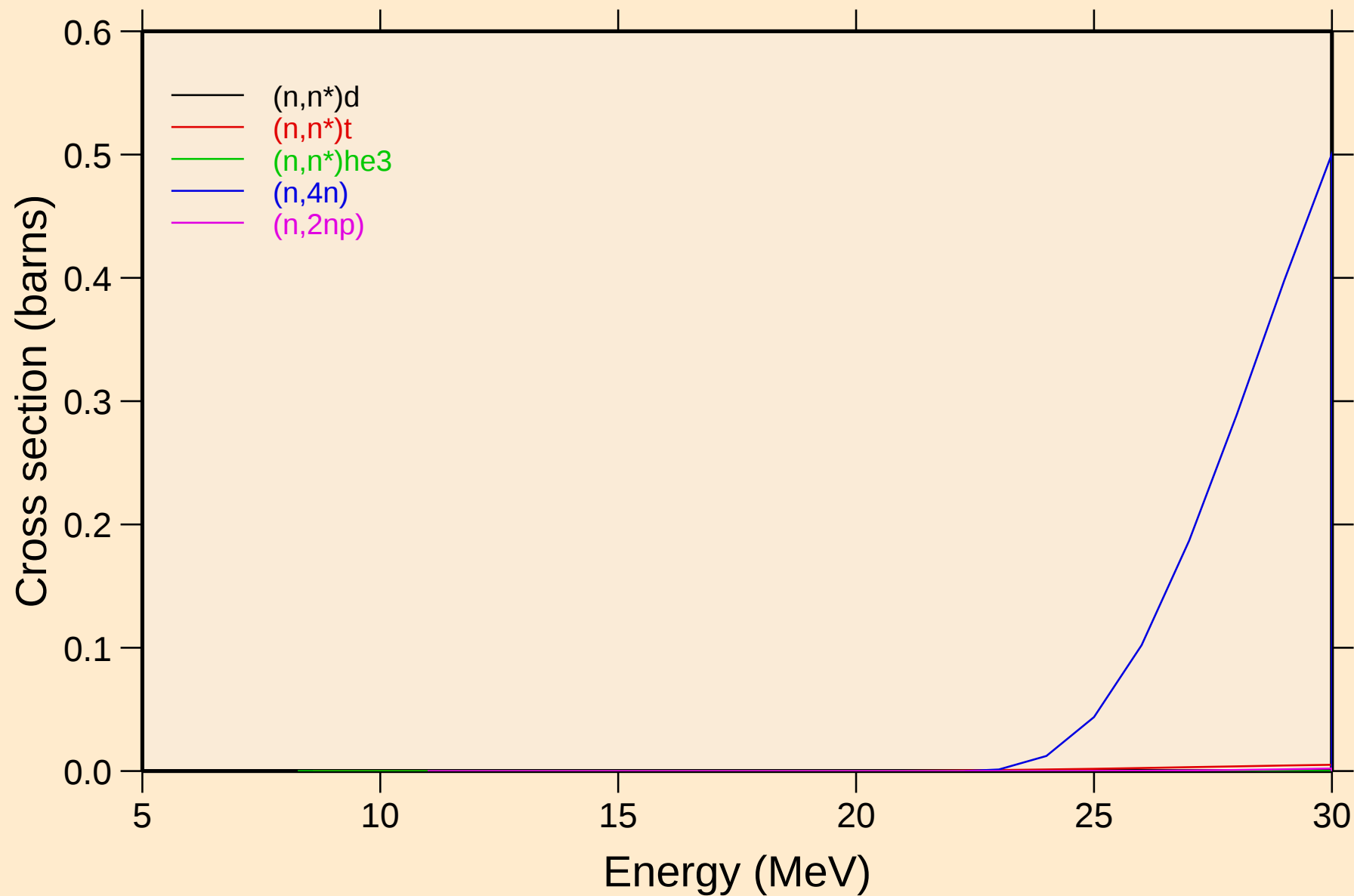
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



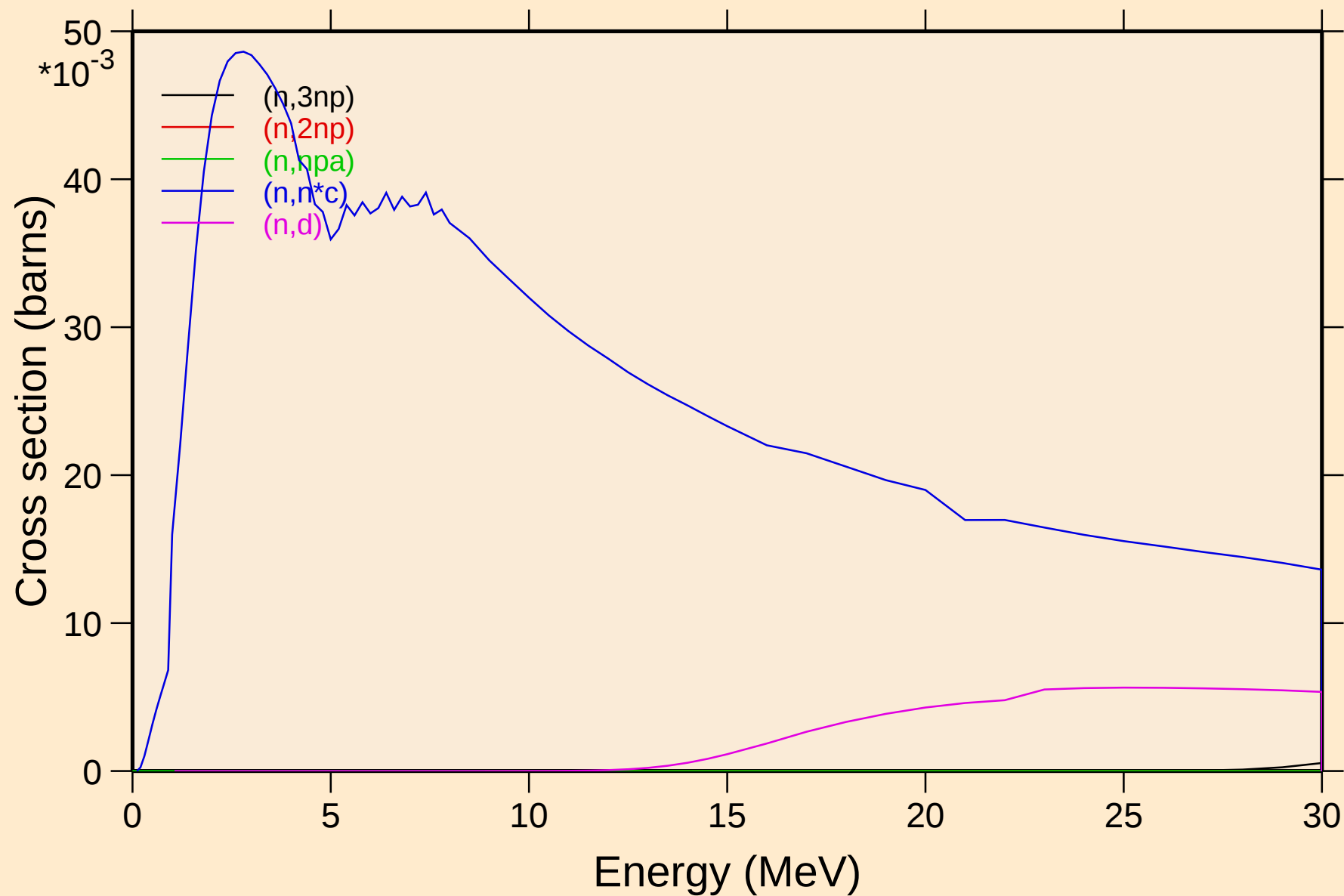
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Threshold reactions



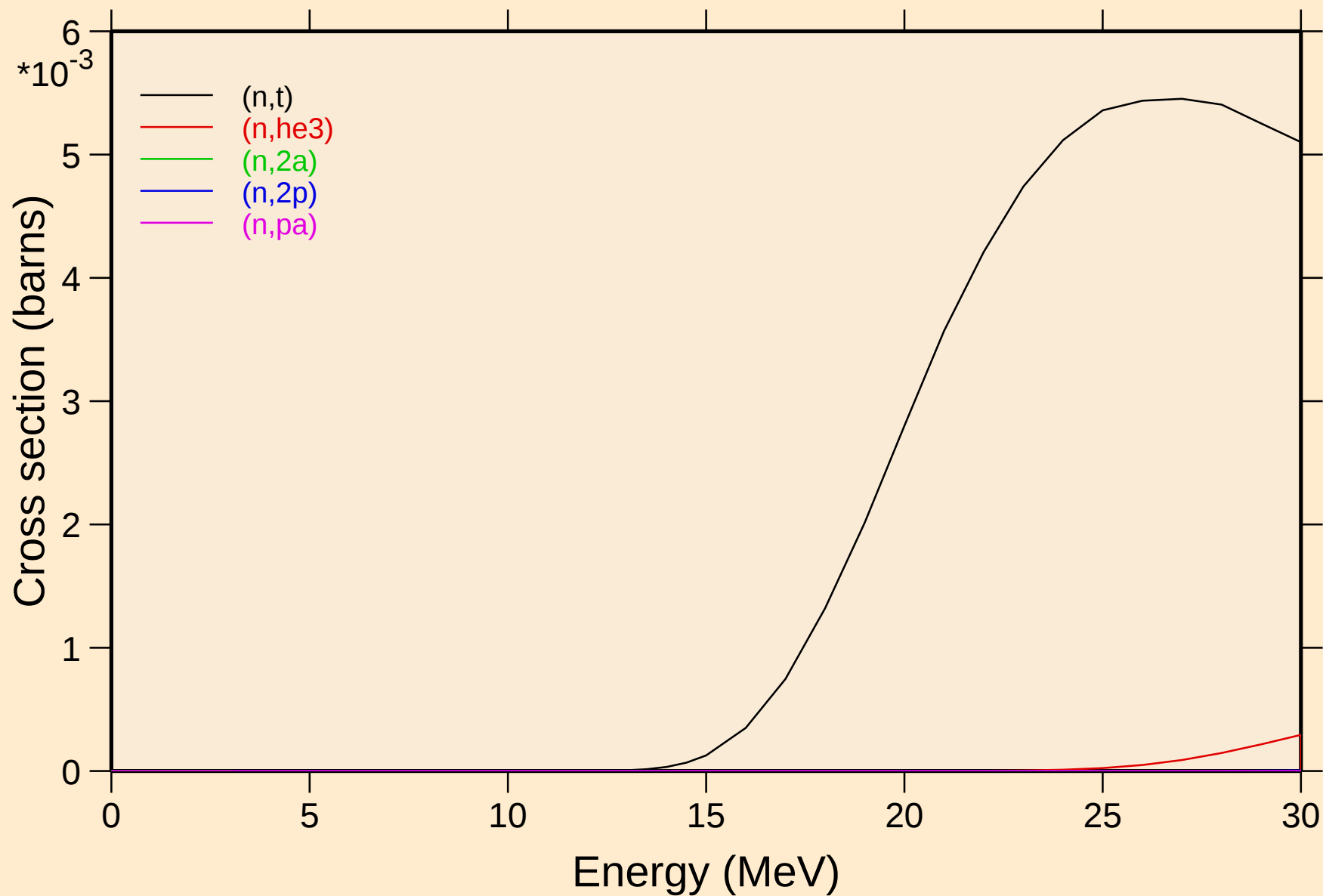
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Threshold reactions



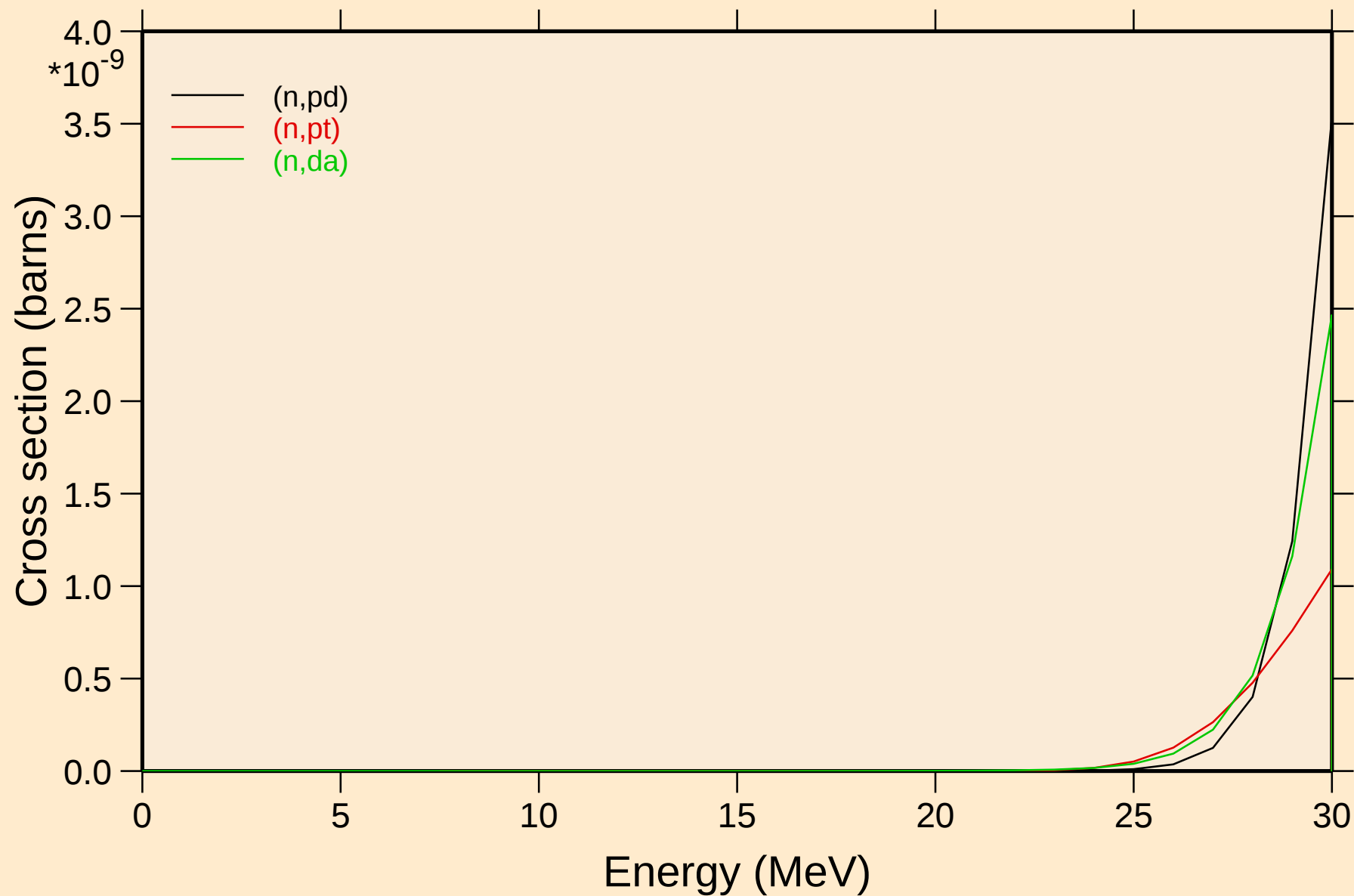
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Threshold reactions



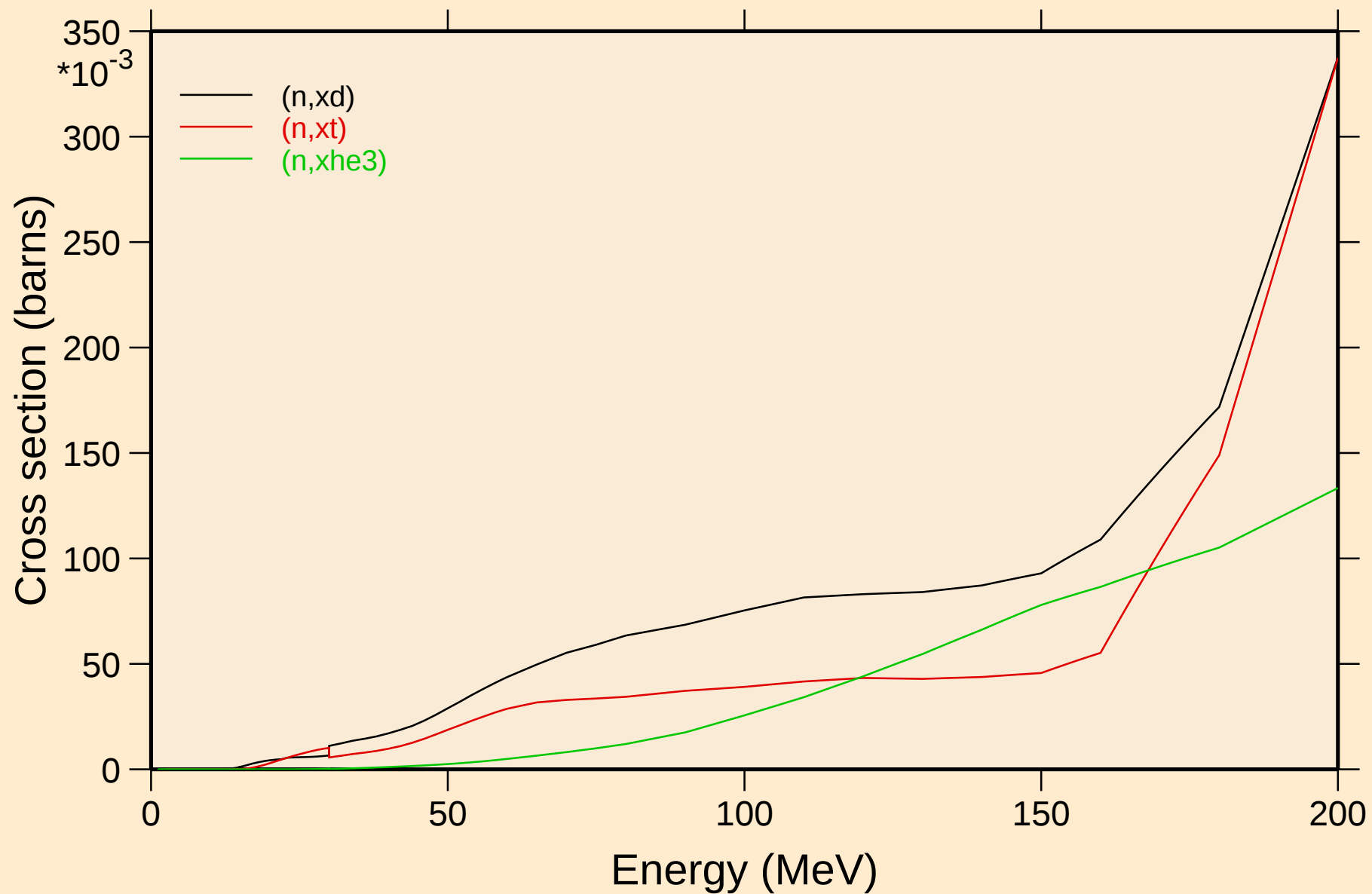
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Threshold reactions



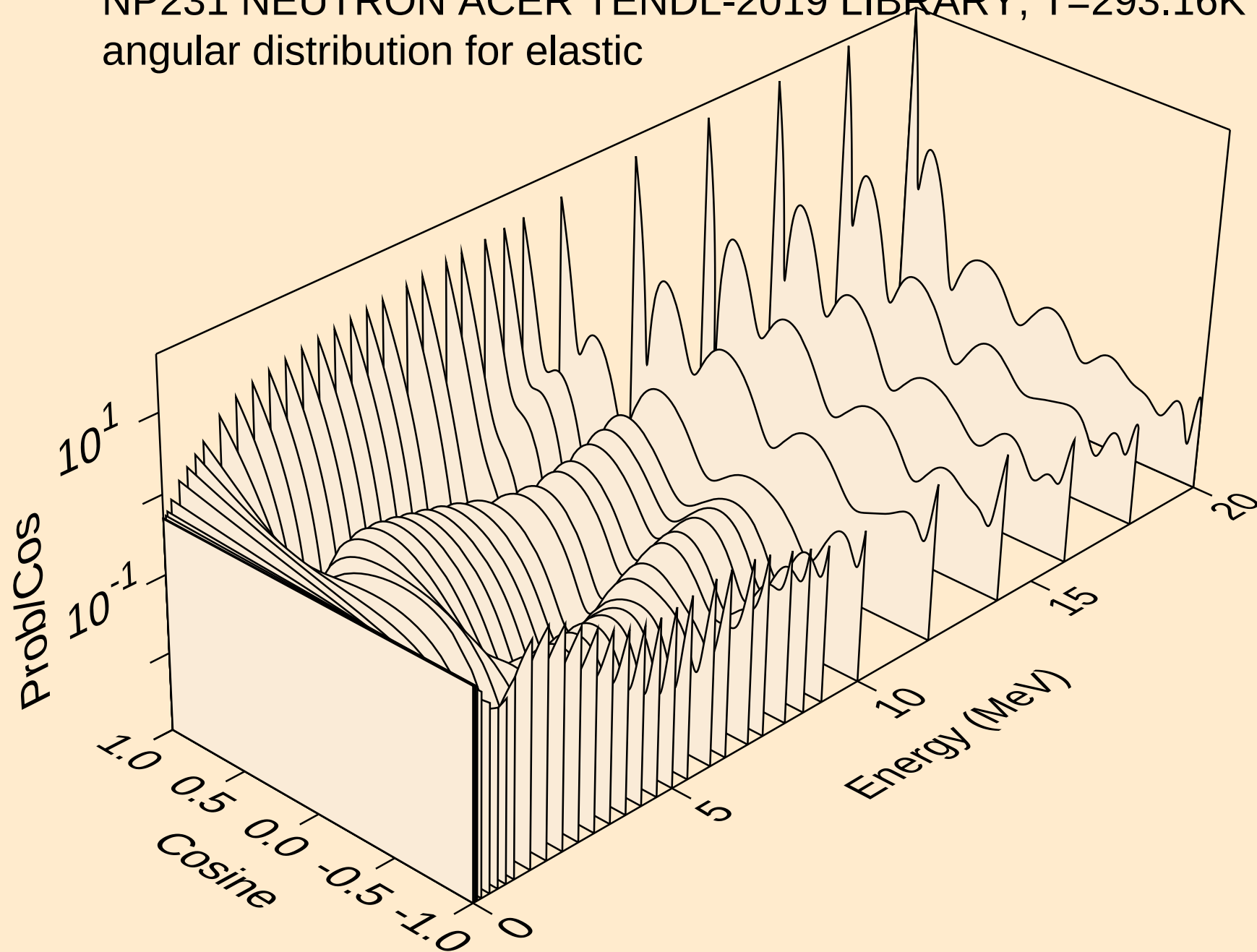
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Threshold reactions



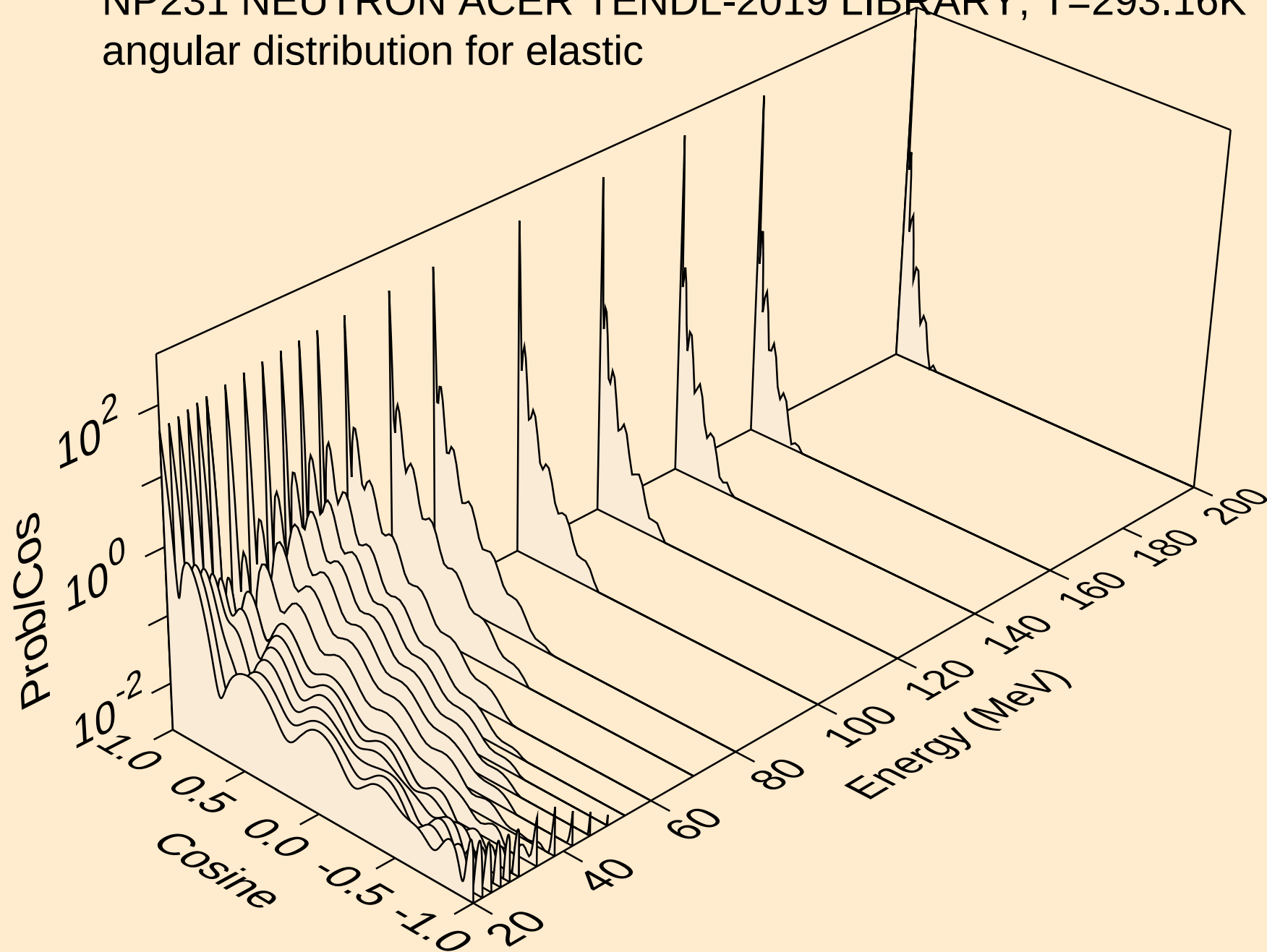
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Threshold reactions



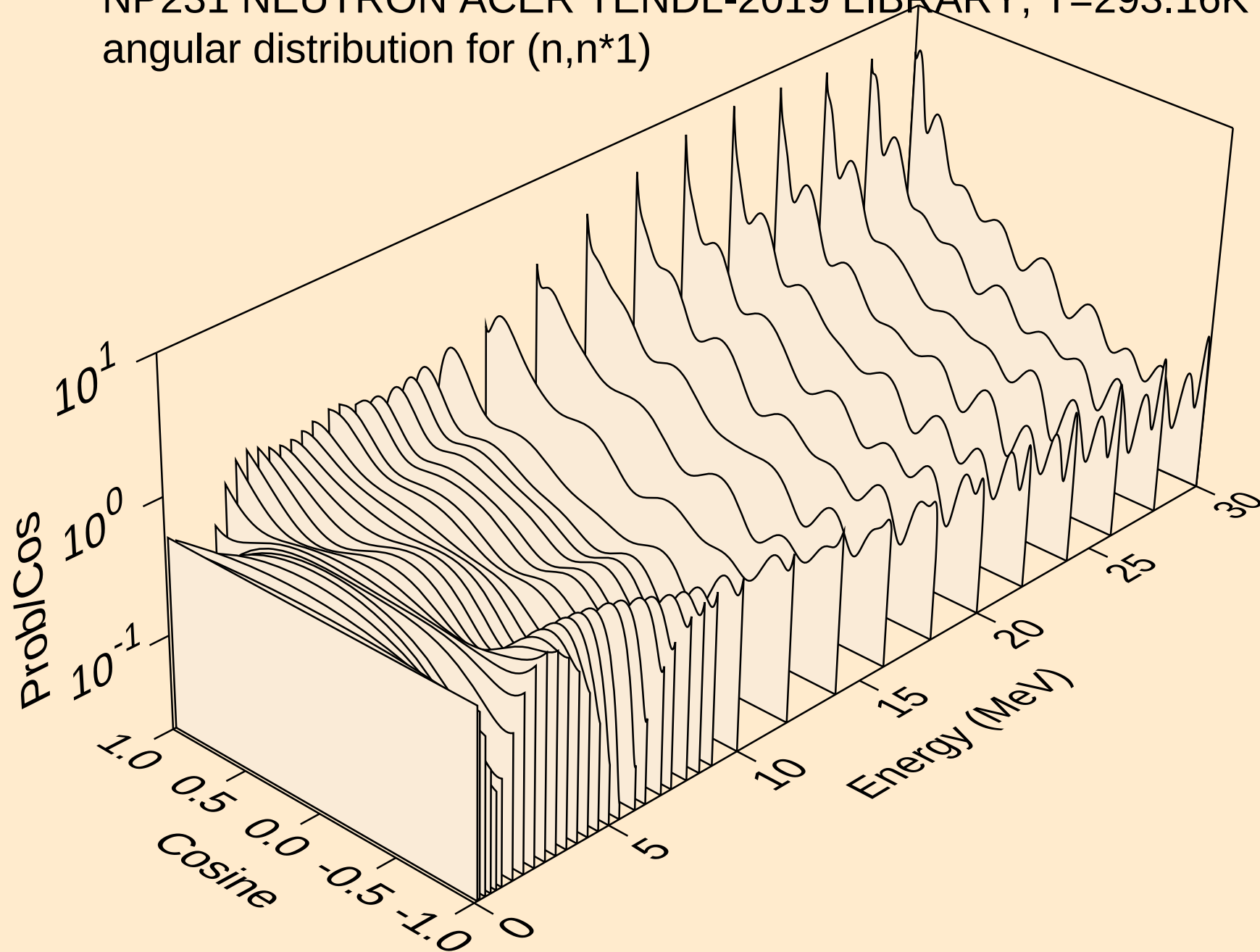
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic

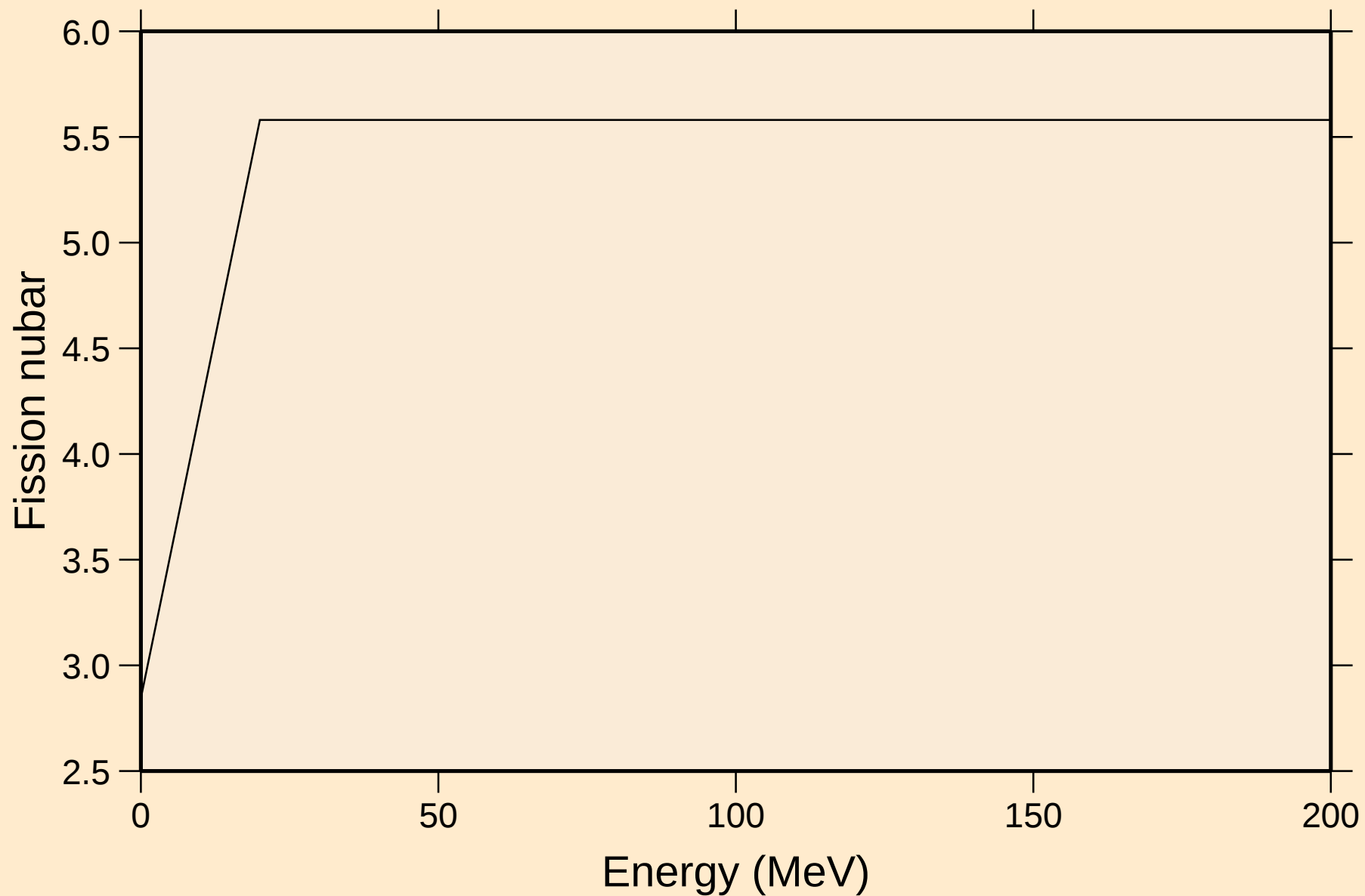


NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)

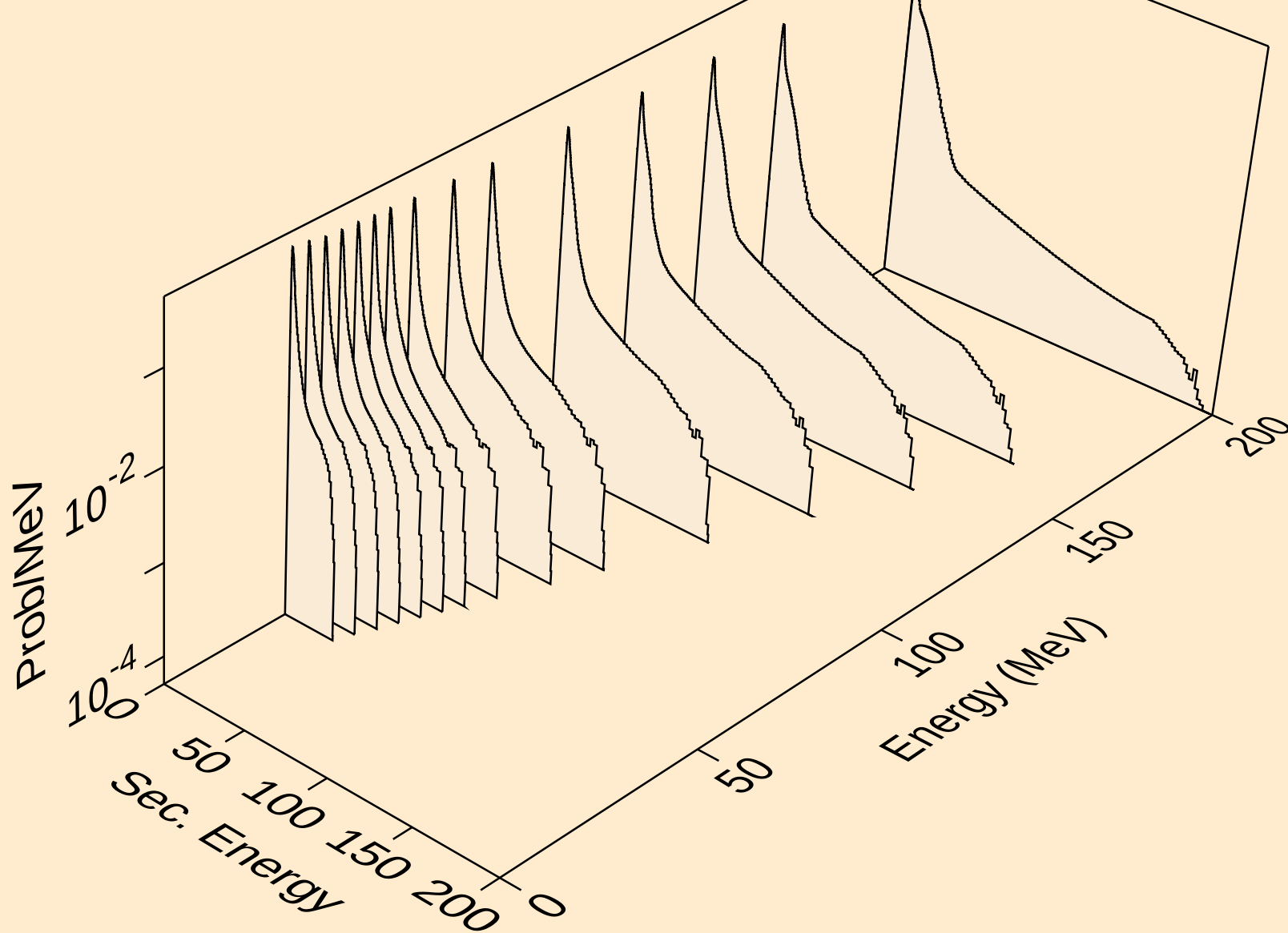


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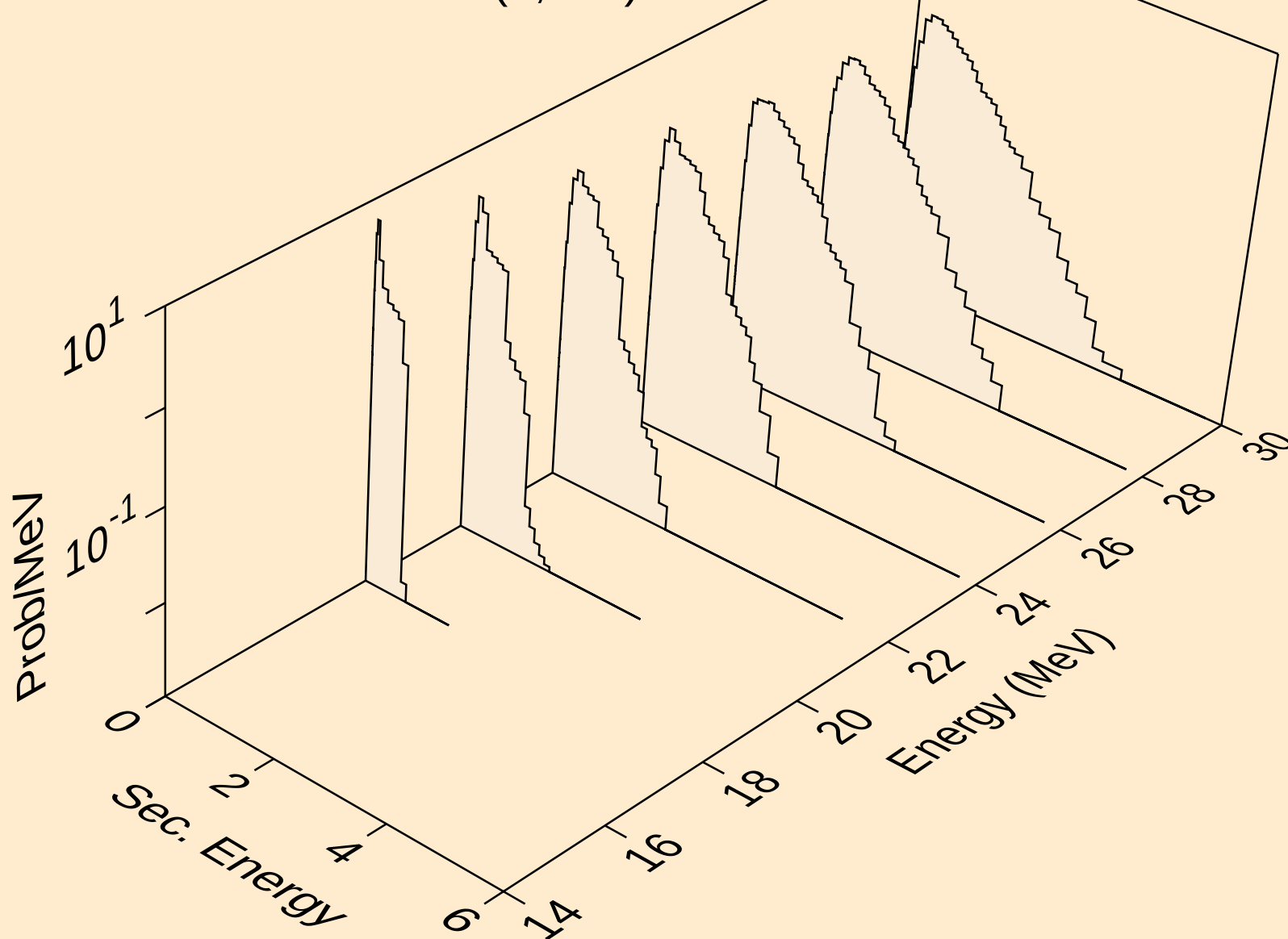
Total fission nubar



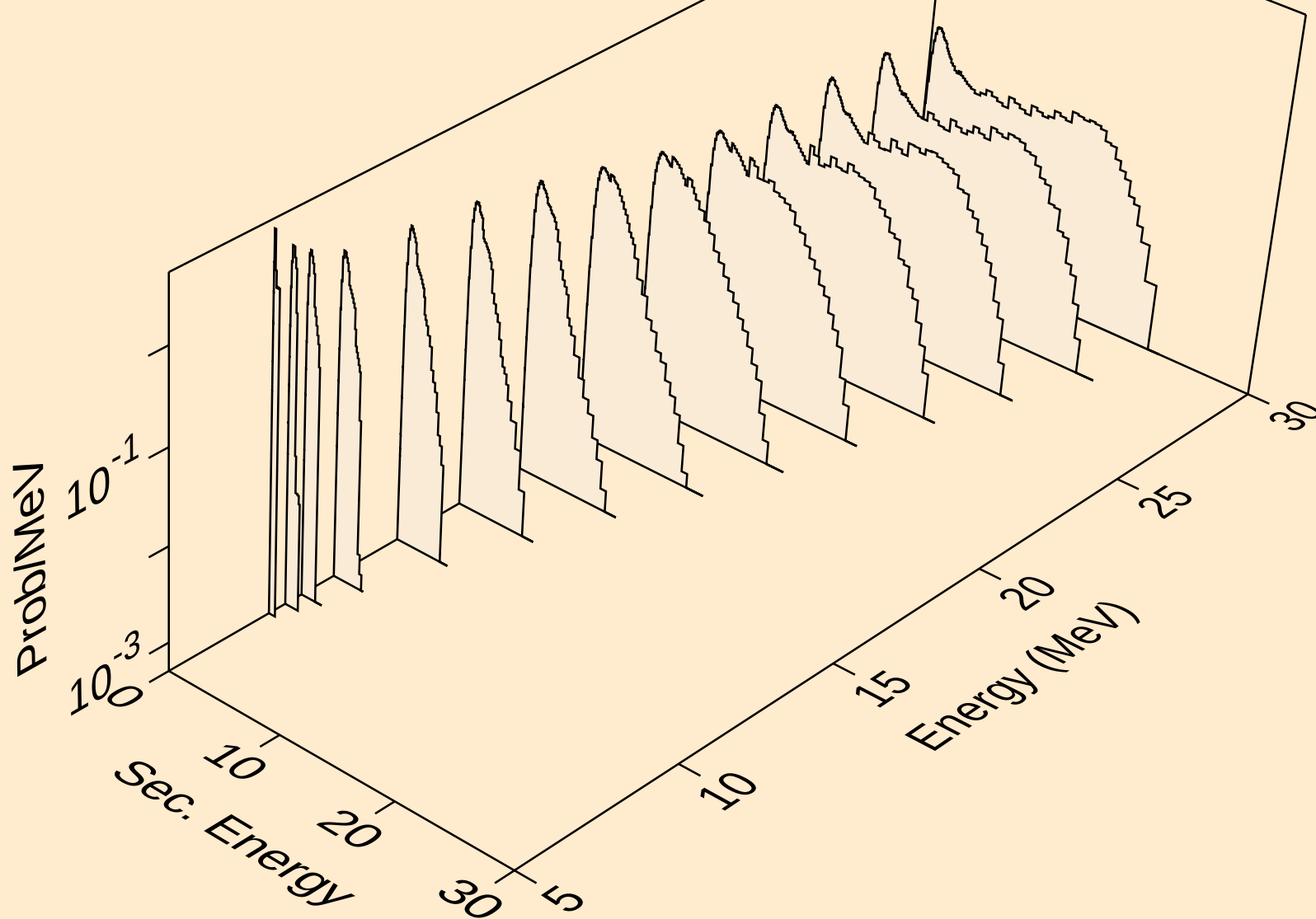
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



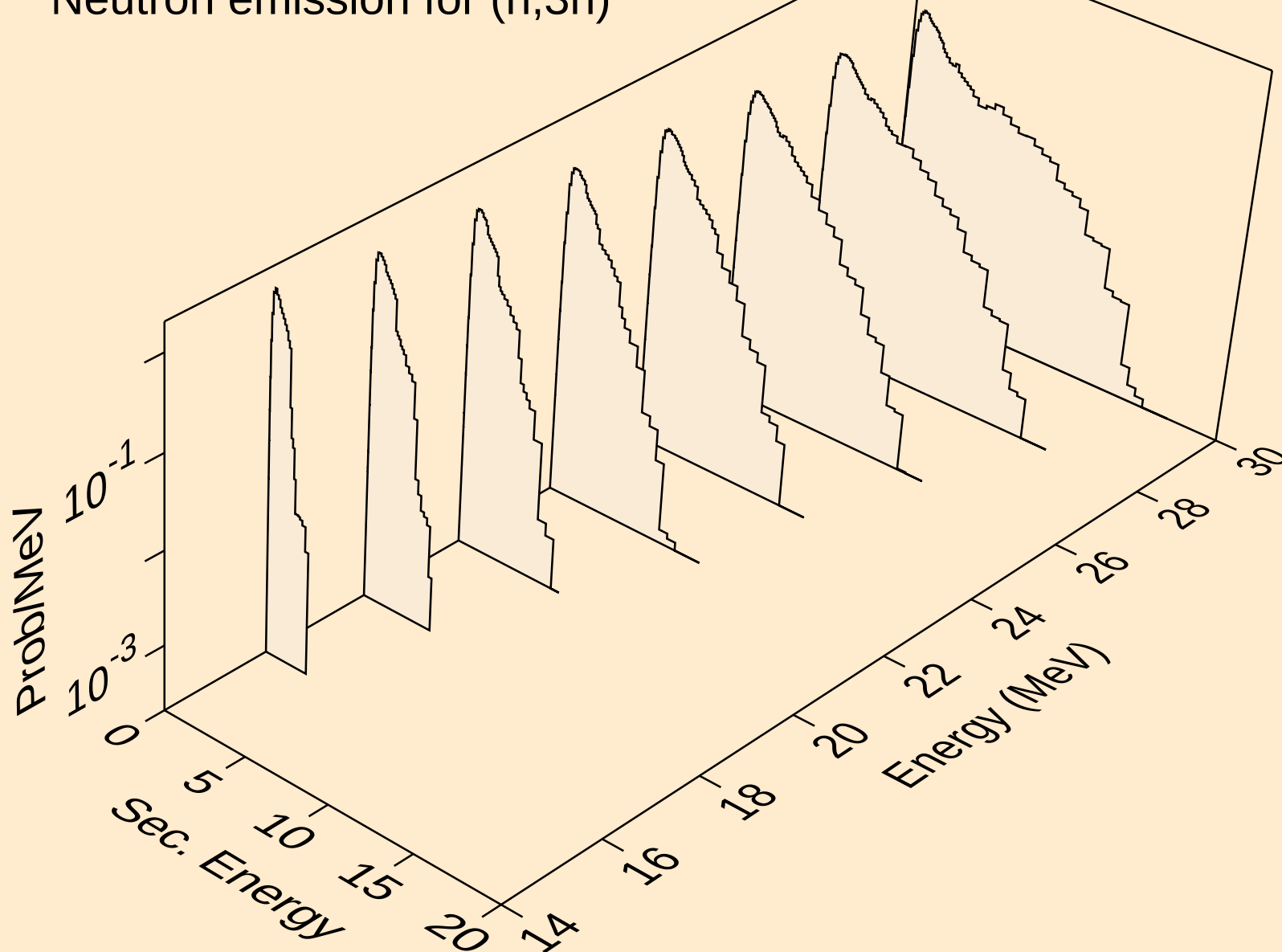
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



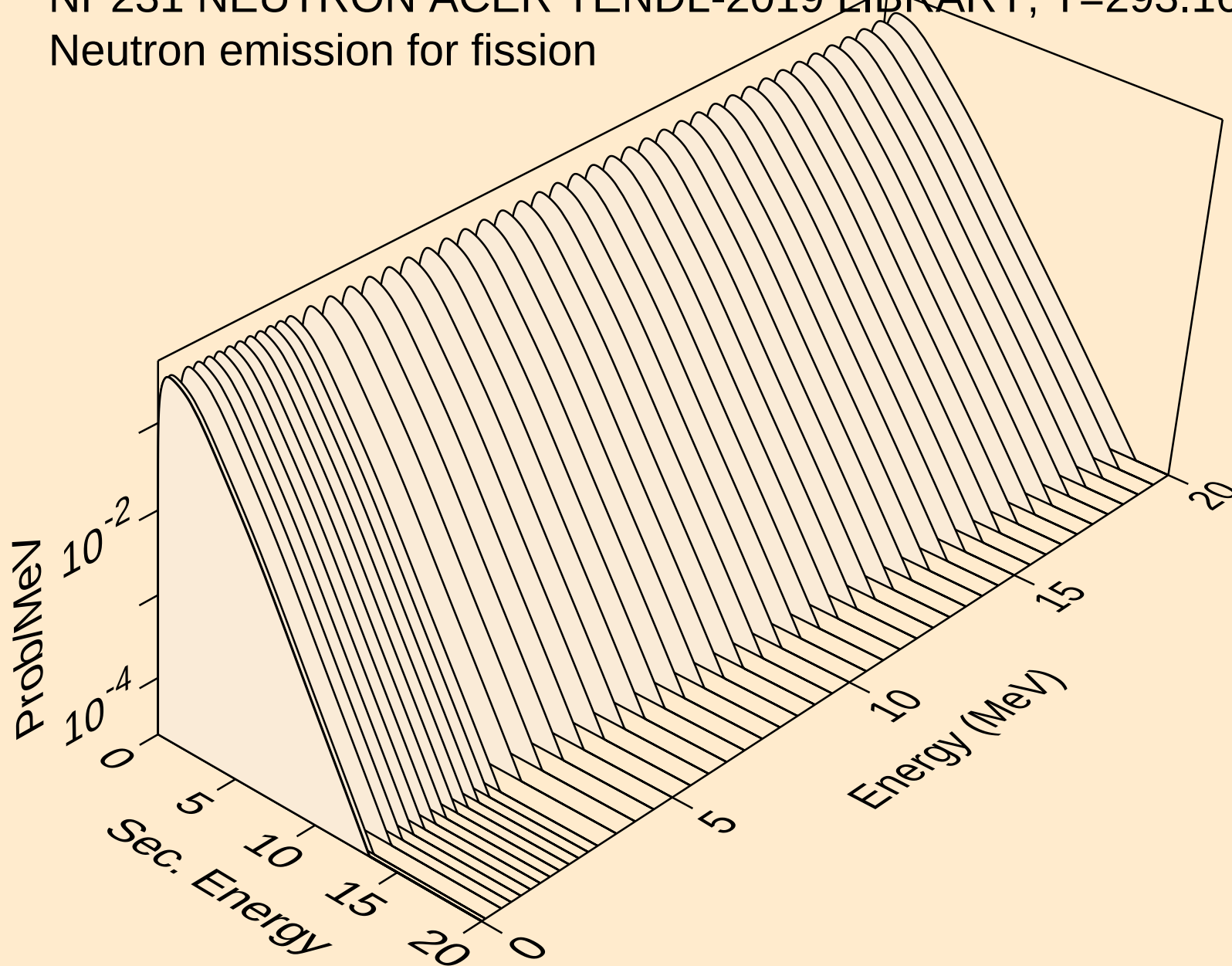
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Neutron emission for (n,2n)



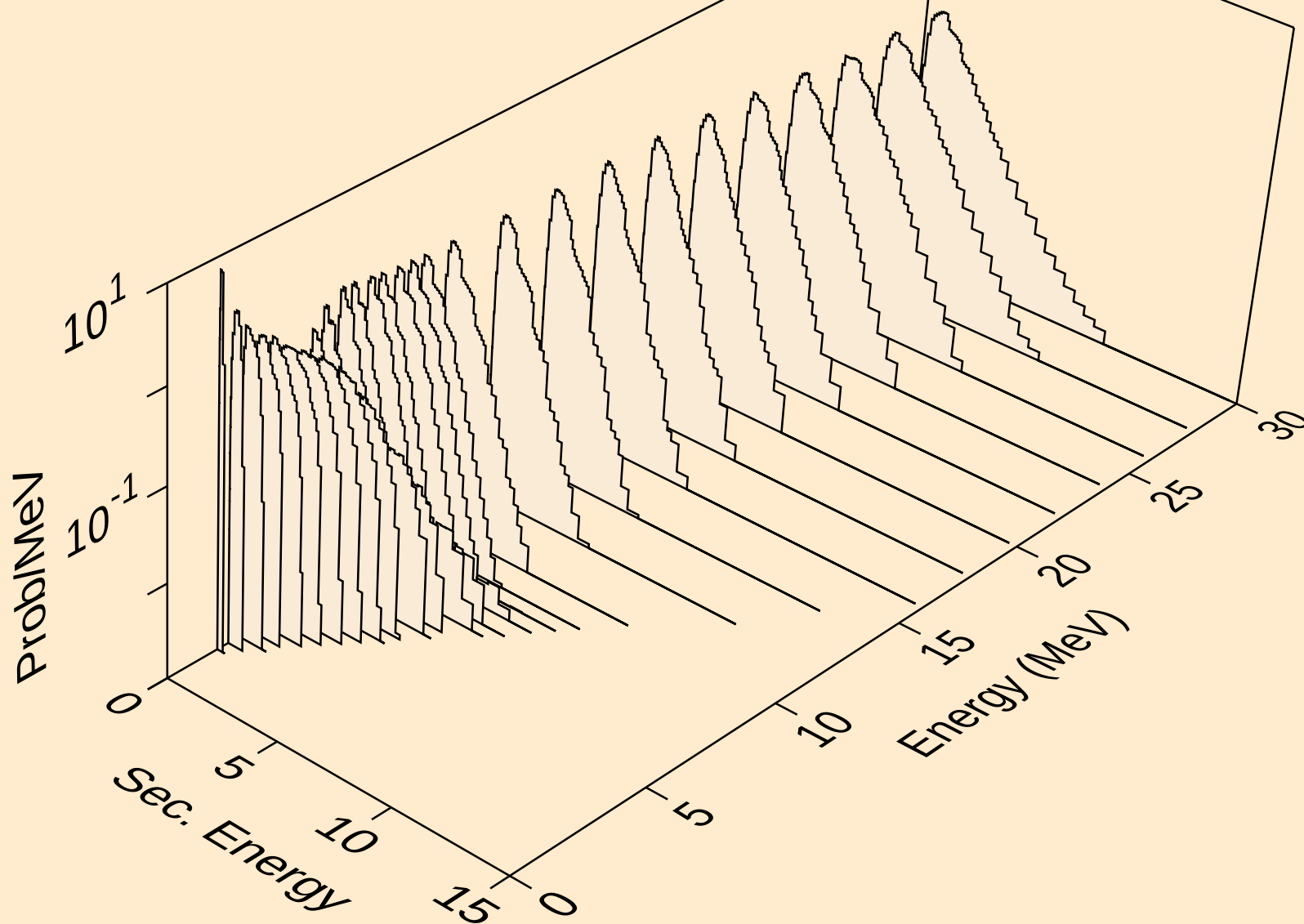
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Neutron emission for (n,3n)



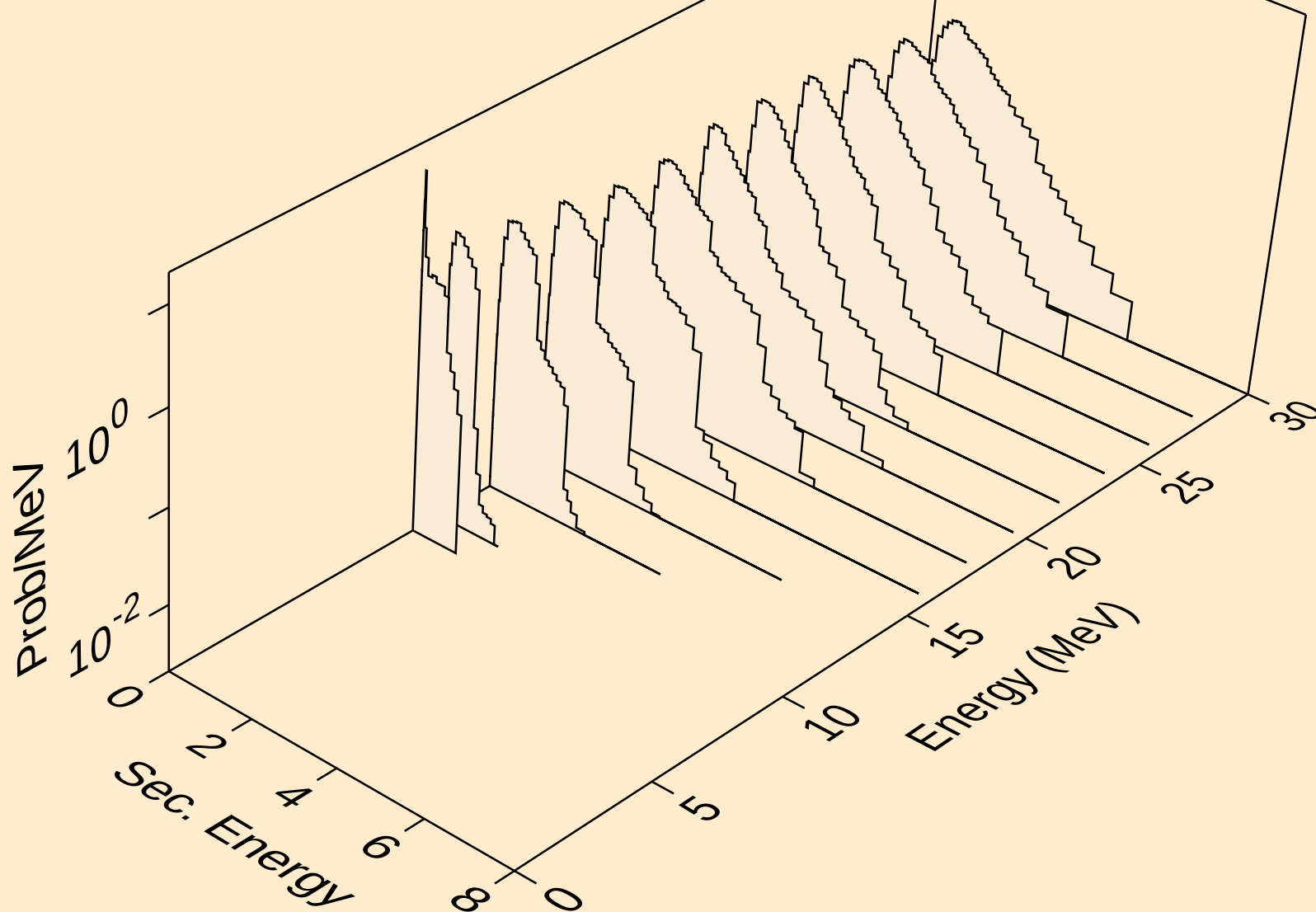
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for fission



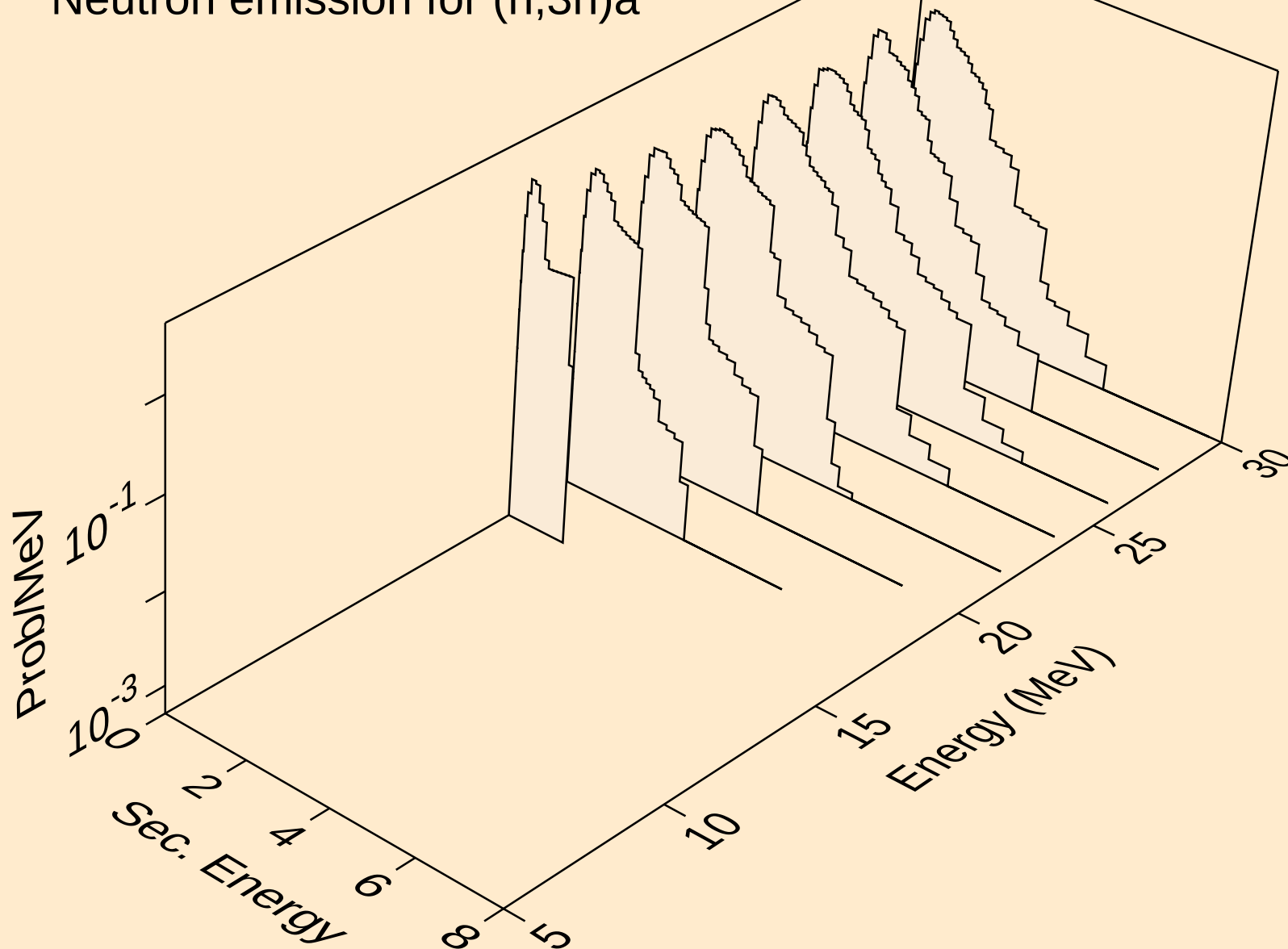
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



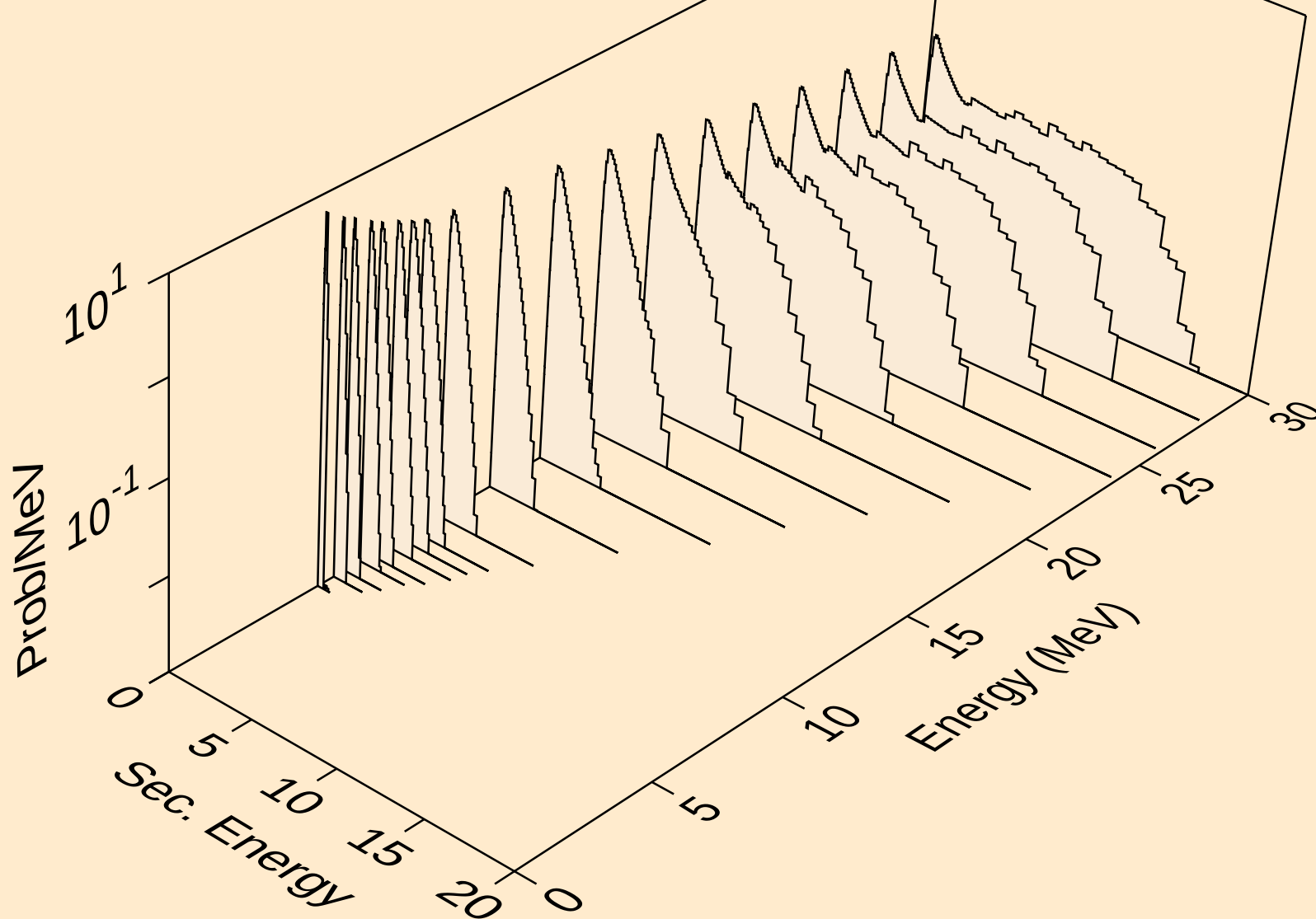
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Neutron emission for (n,2n)_a



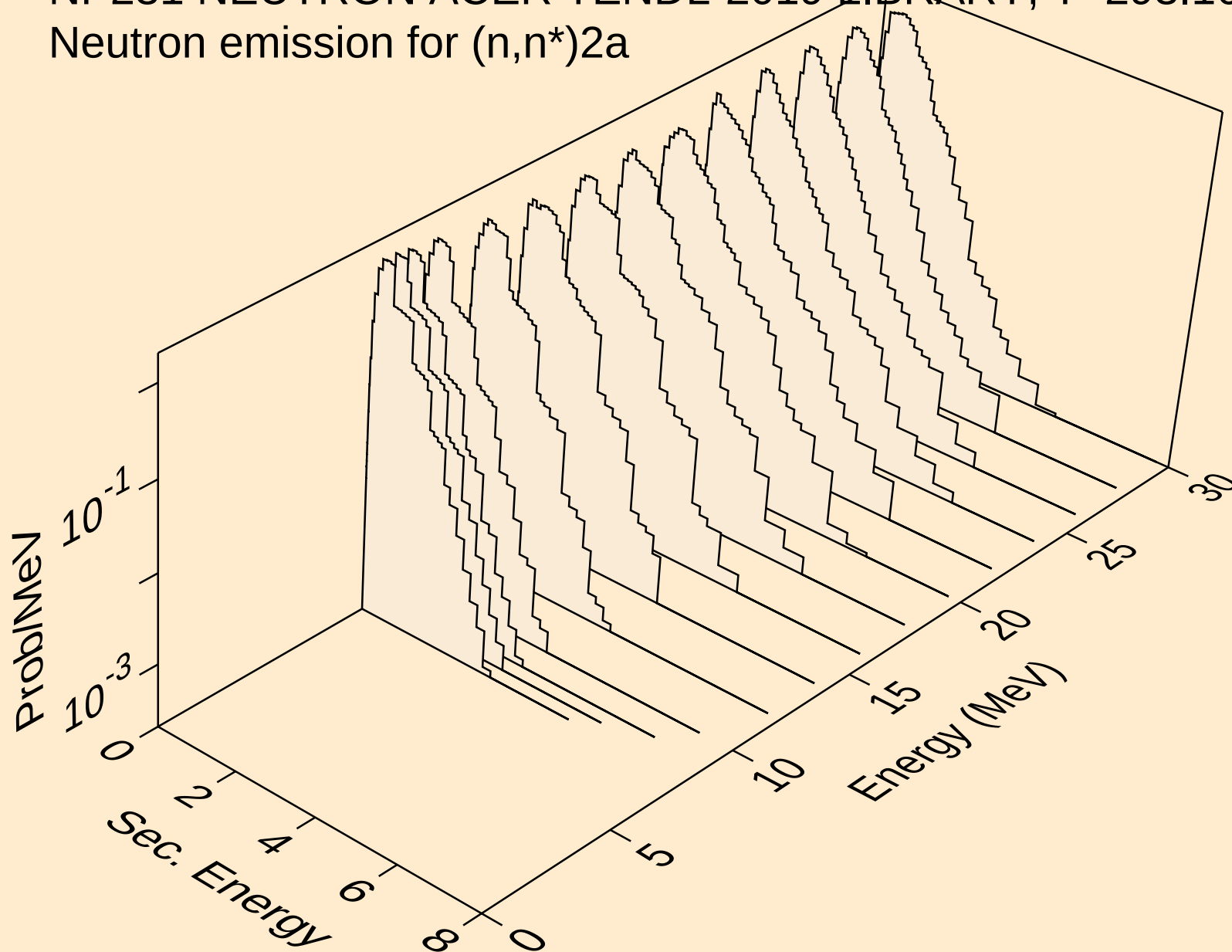
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



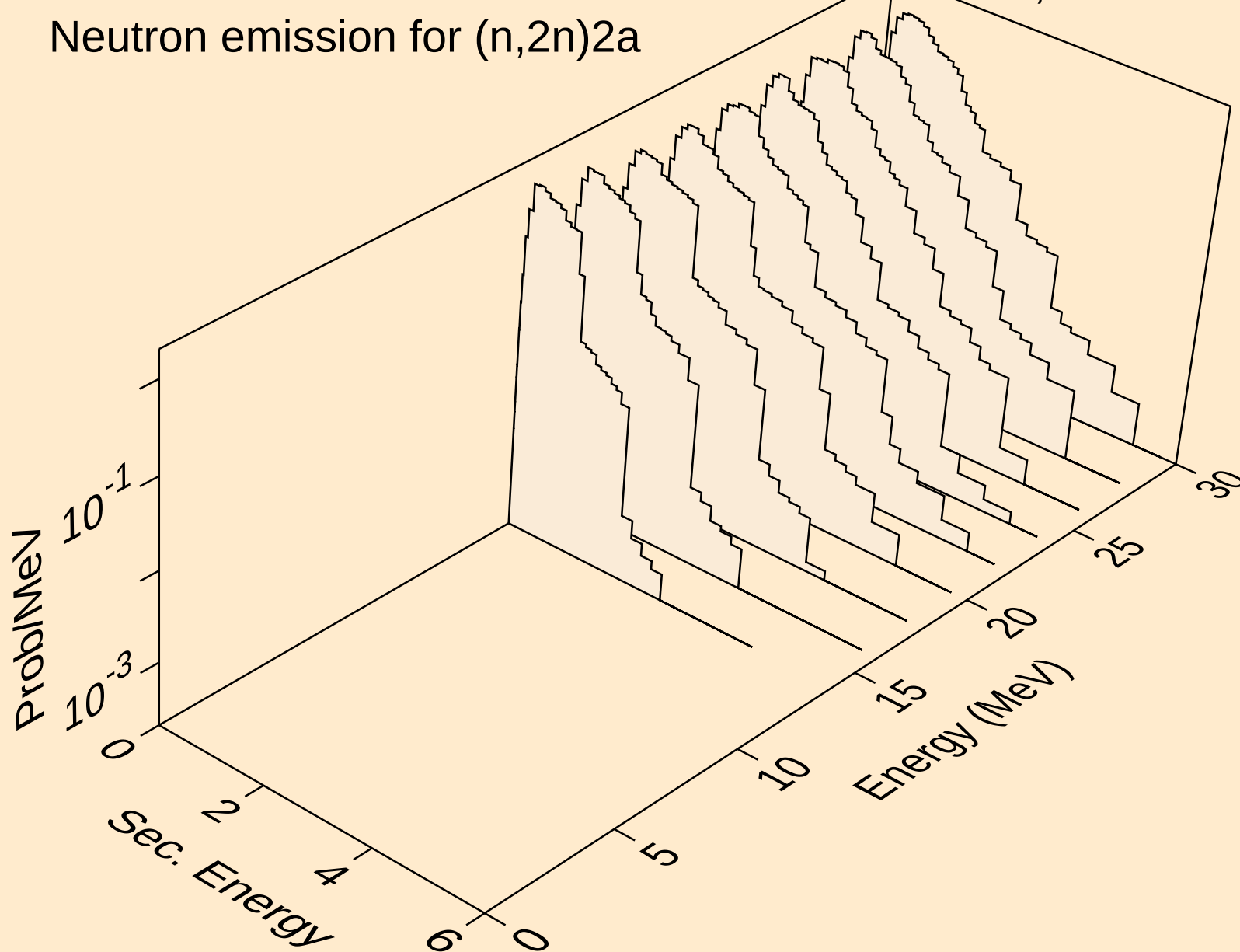
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



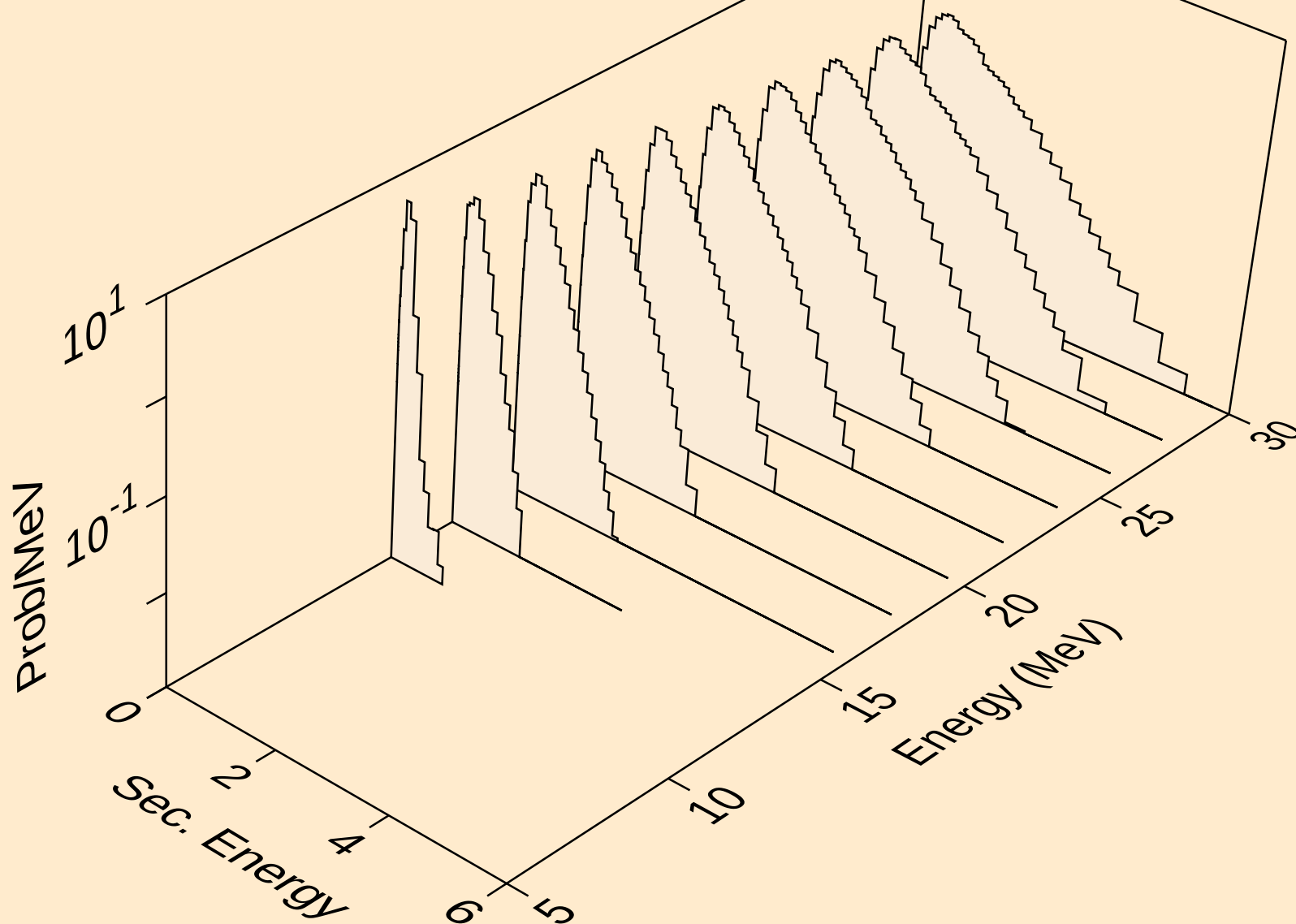
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Neutron emission for (n,n*)2a



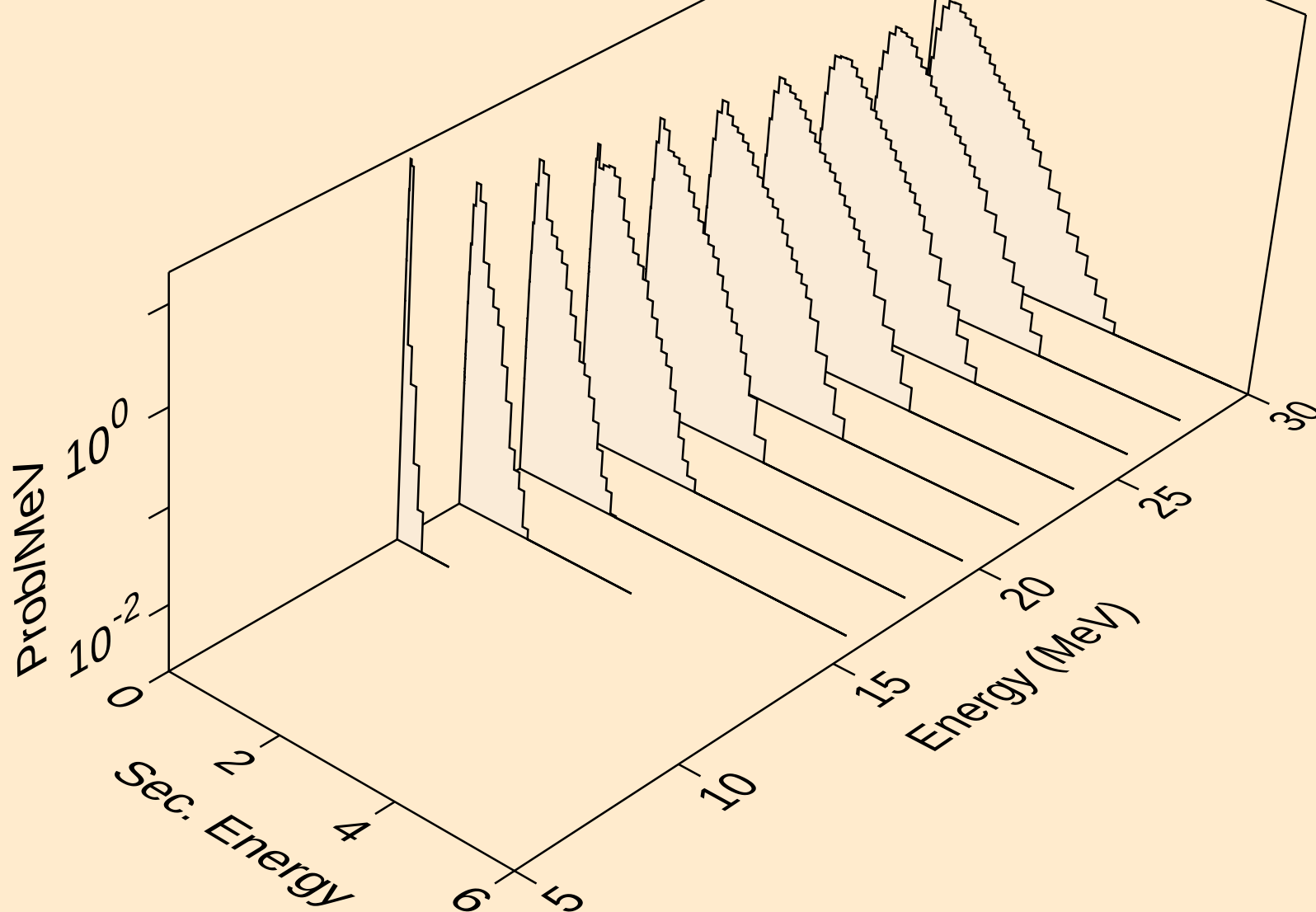
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Neutron emission for (n,2n)2a



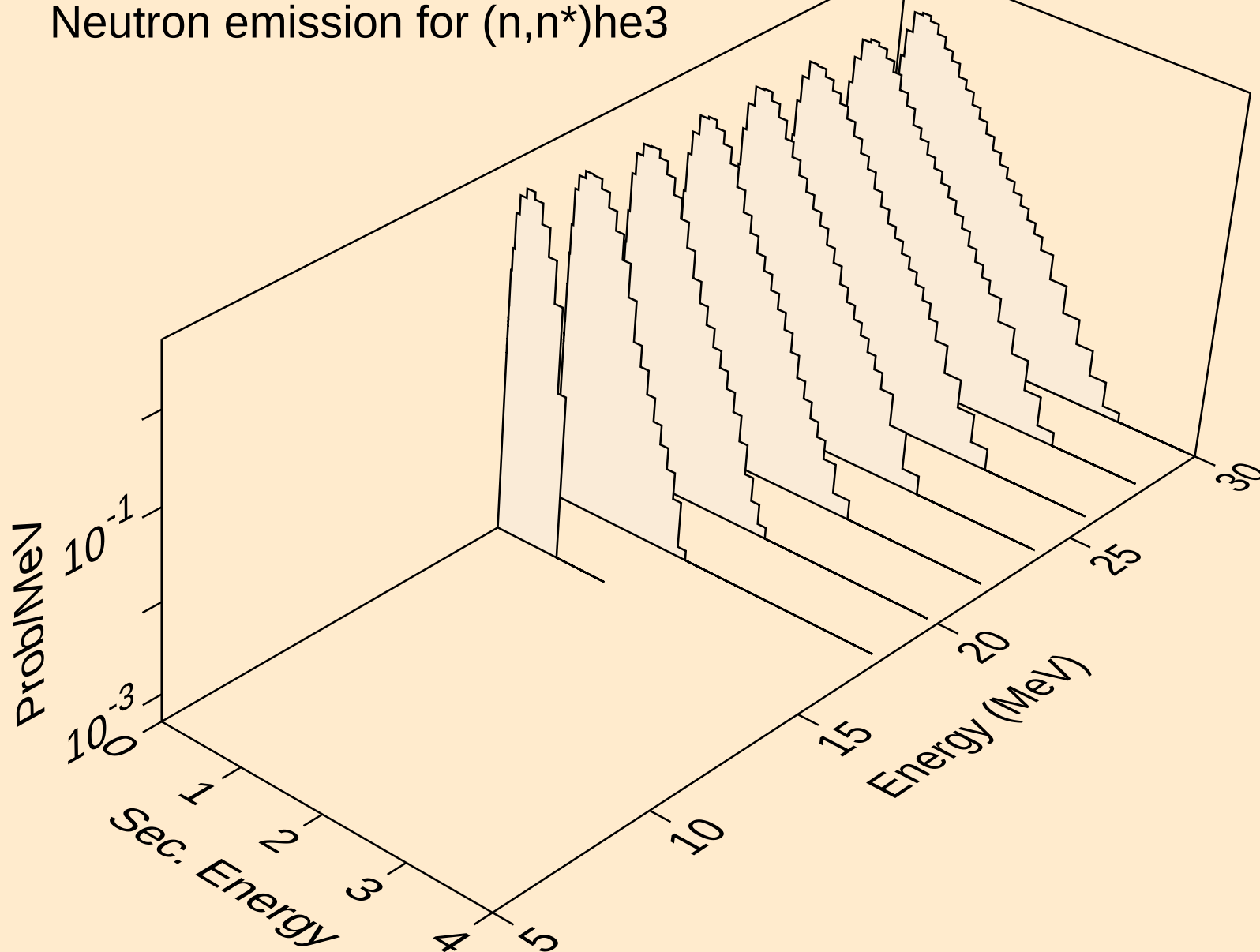
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



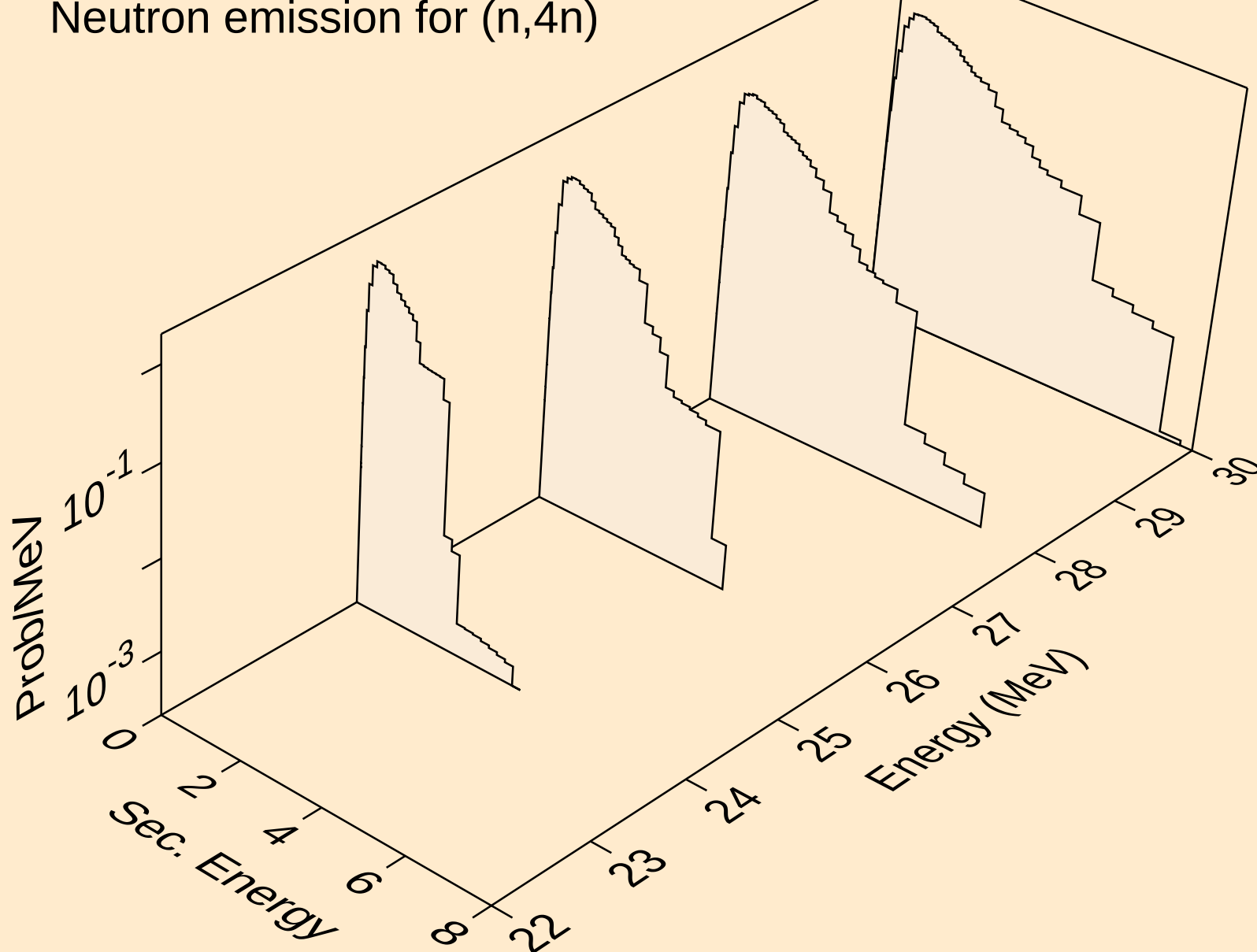
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



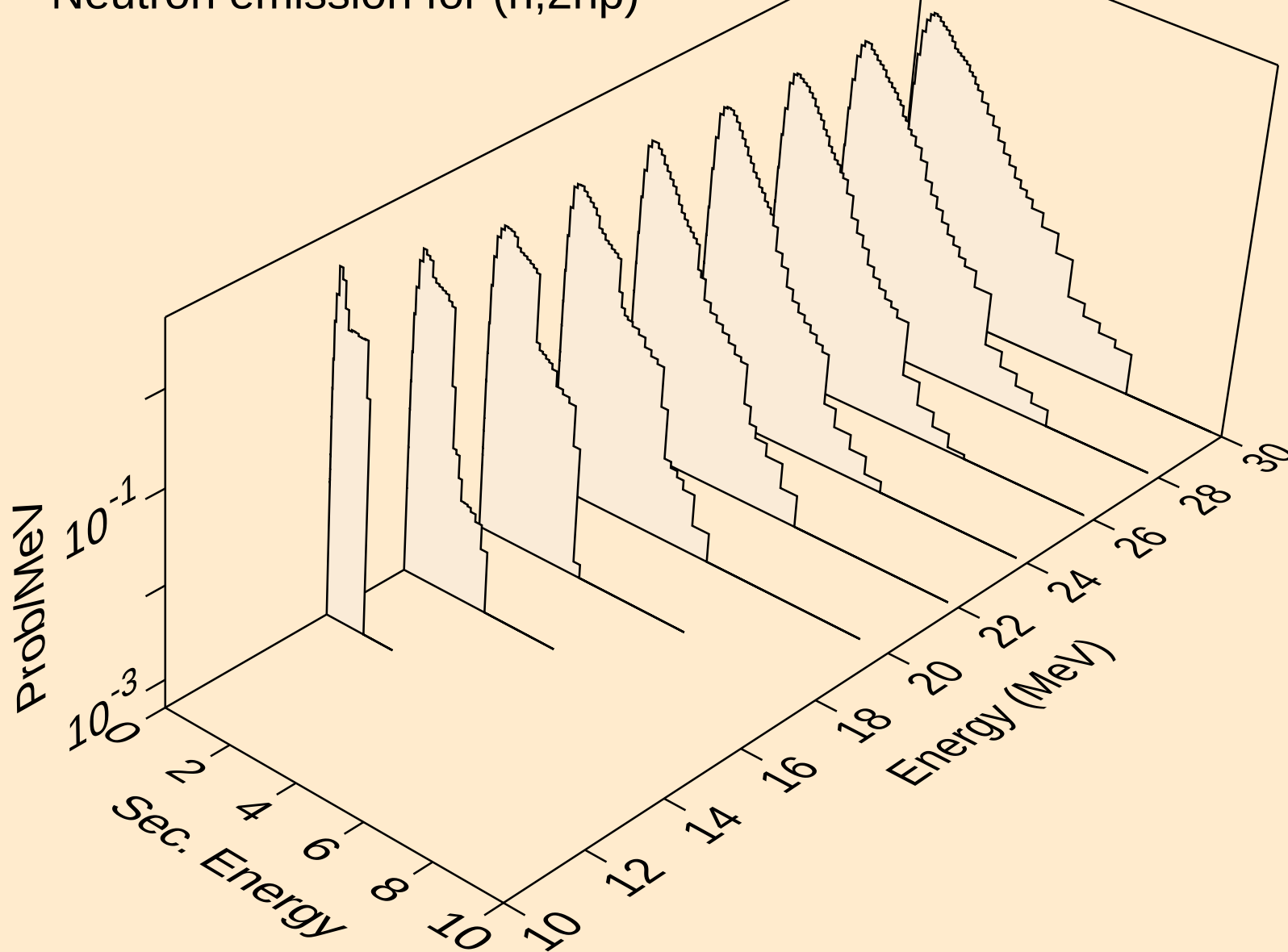
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



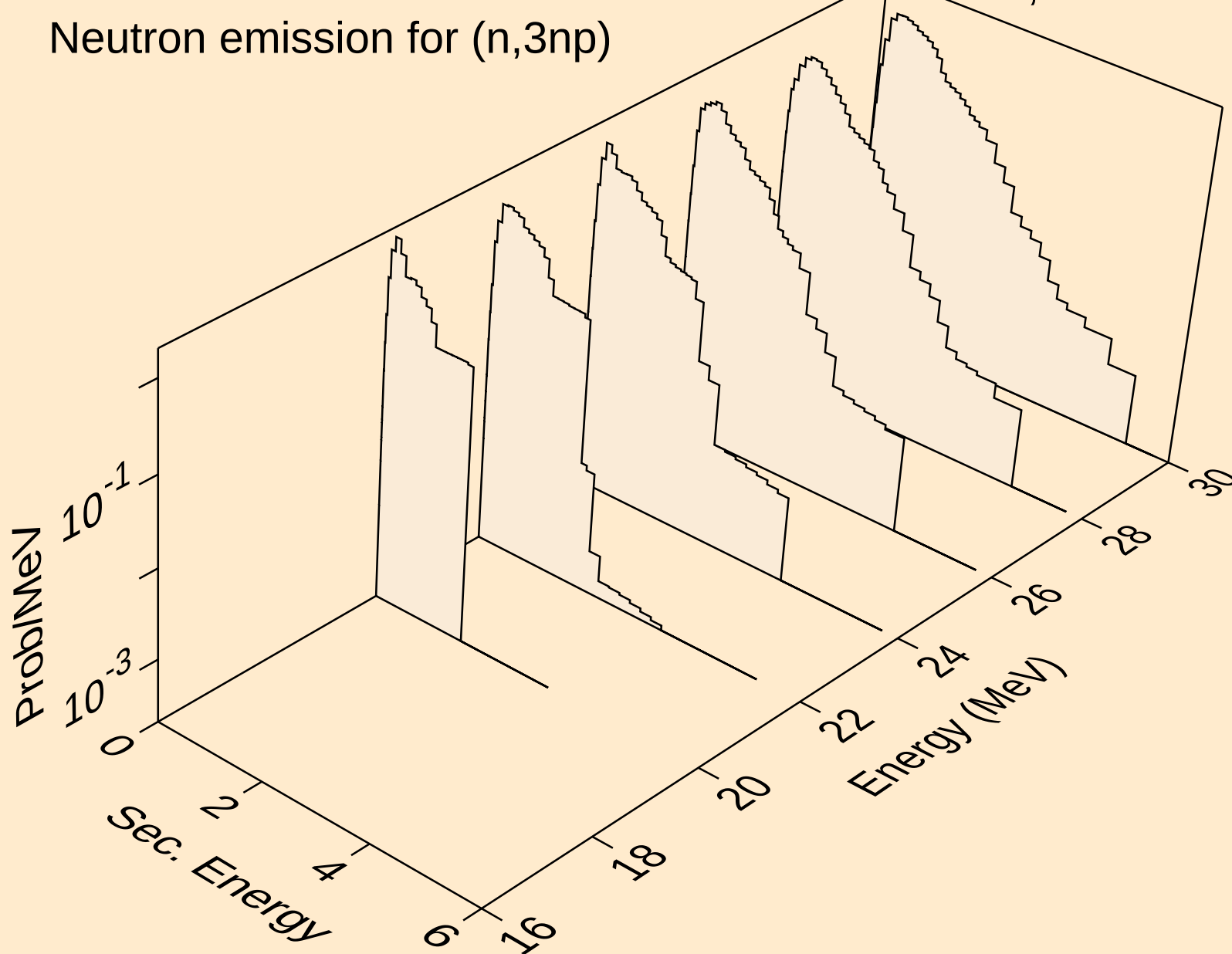
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Neutron emission for (n,4n)



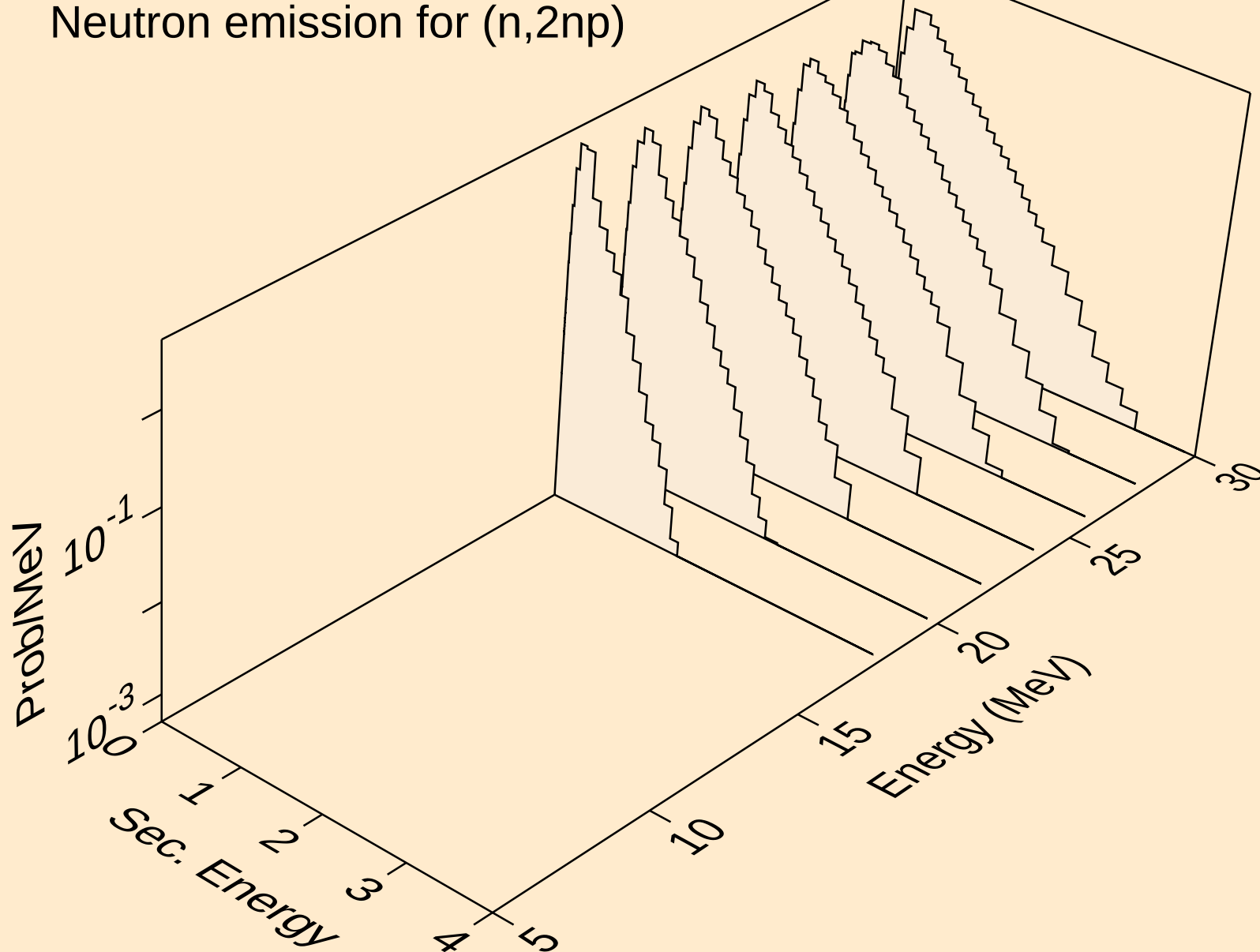
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Neutron emission for (n,2np)



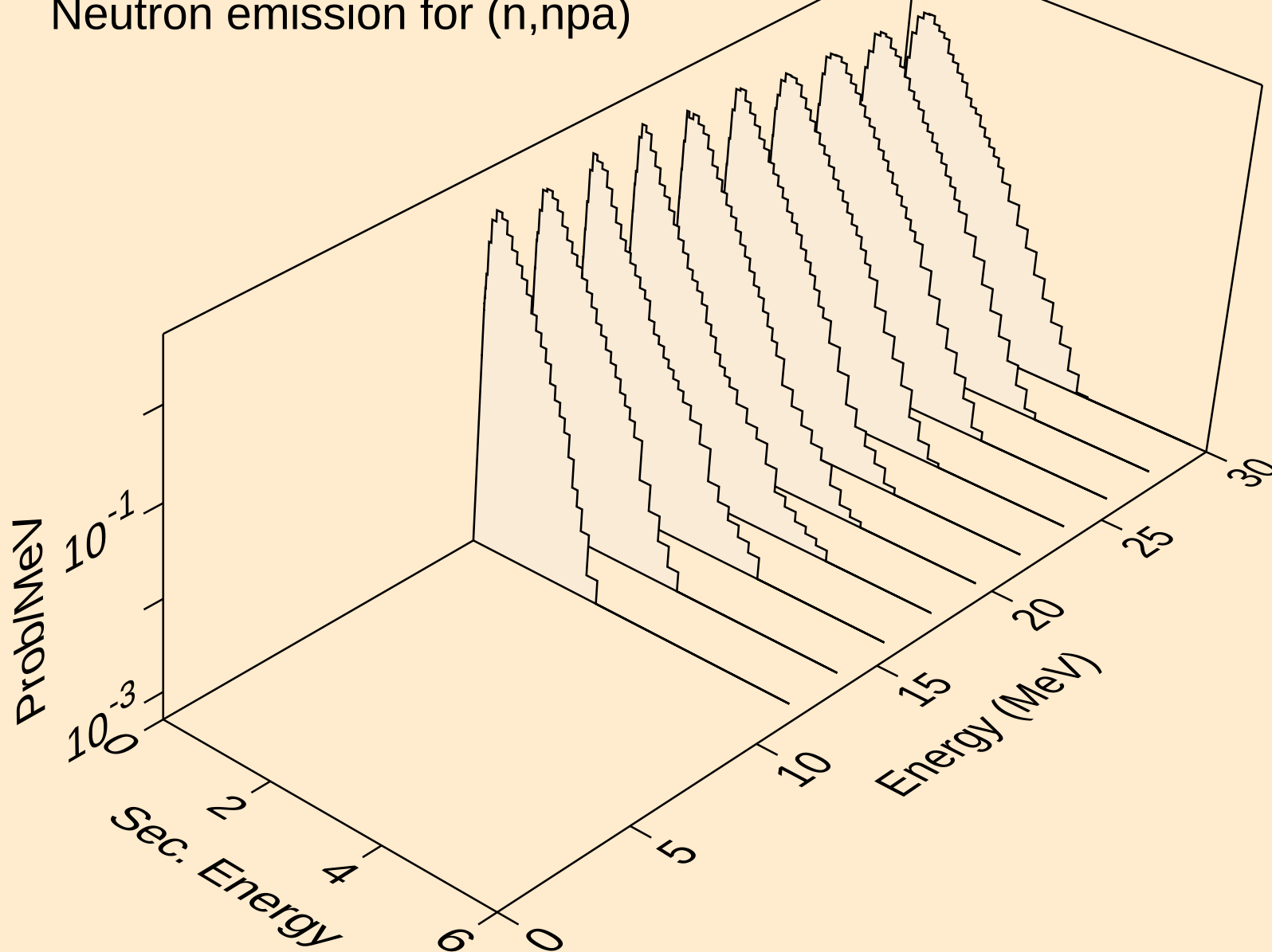
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Neutron emission for (n,3np)



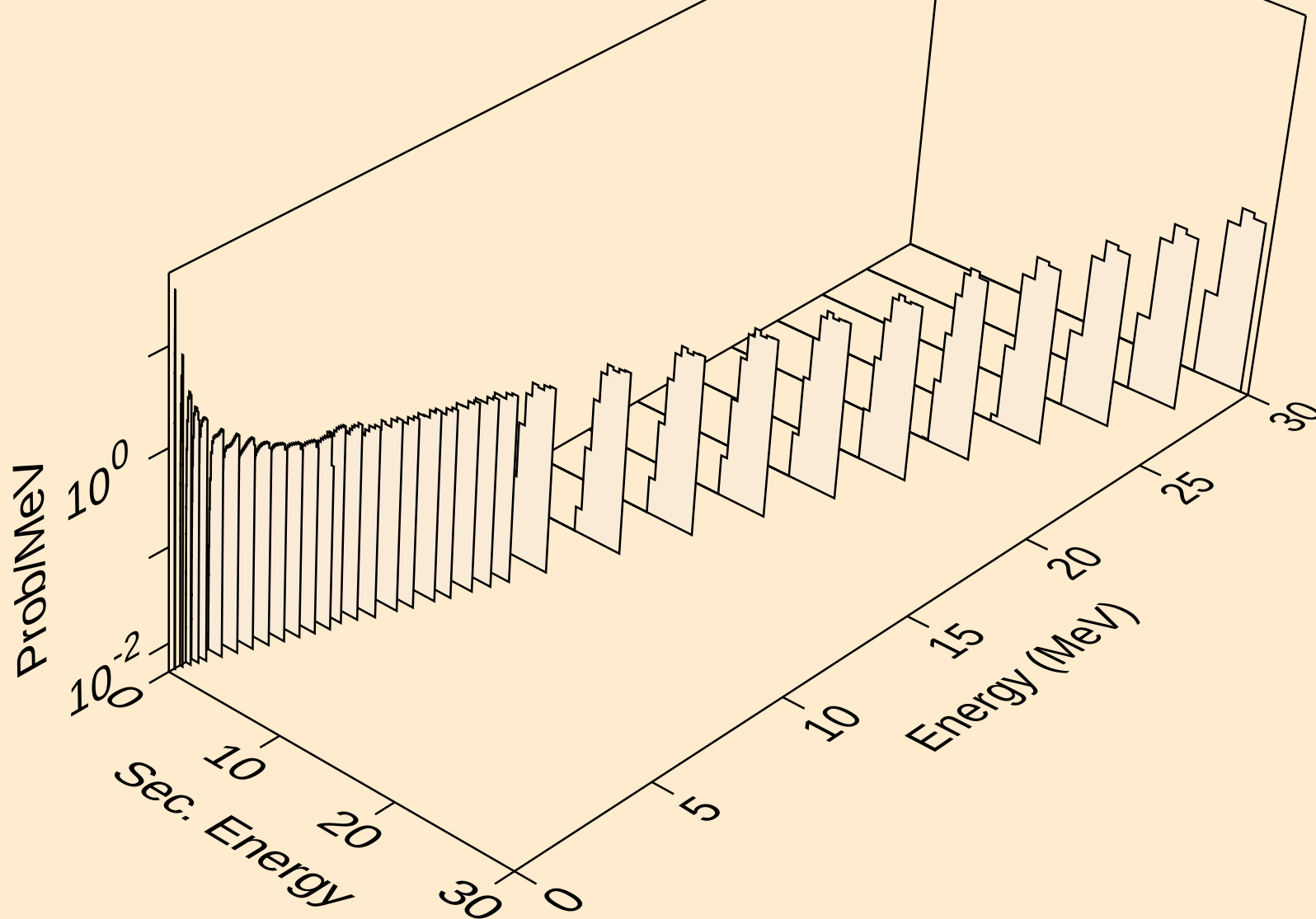
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)

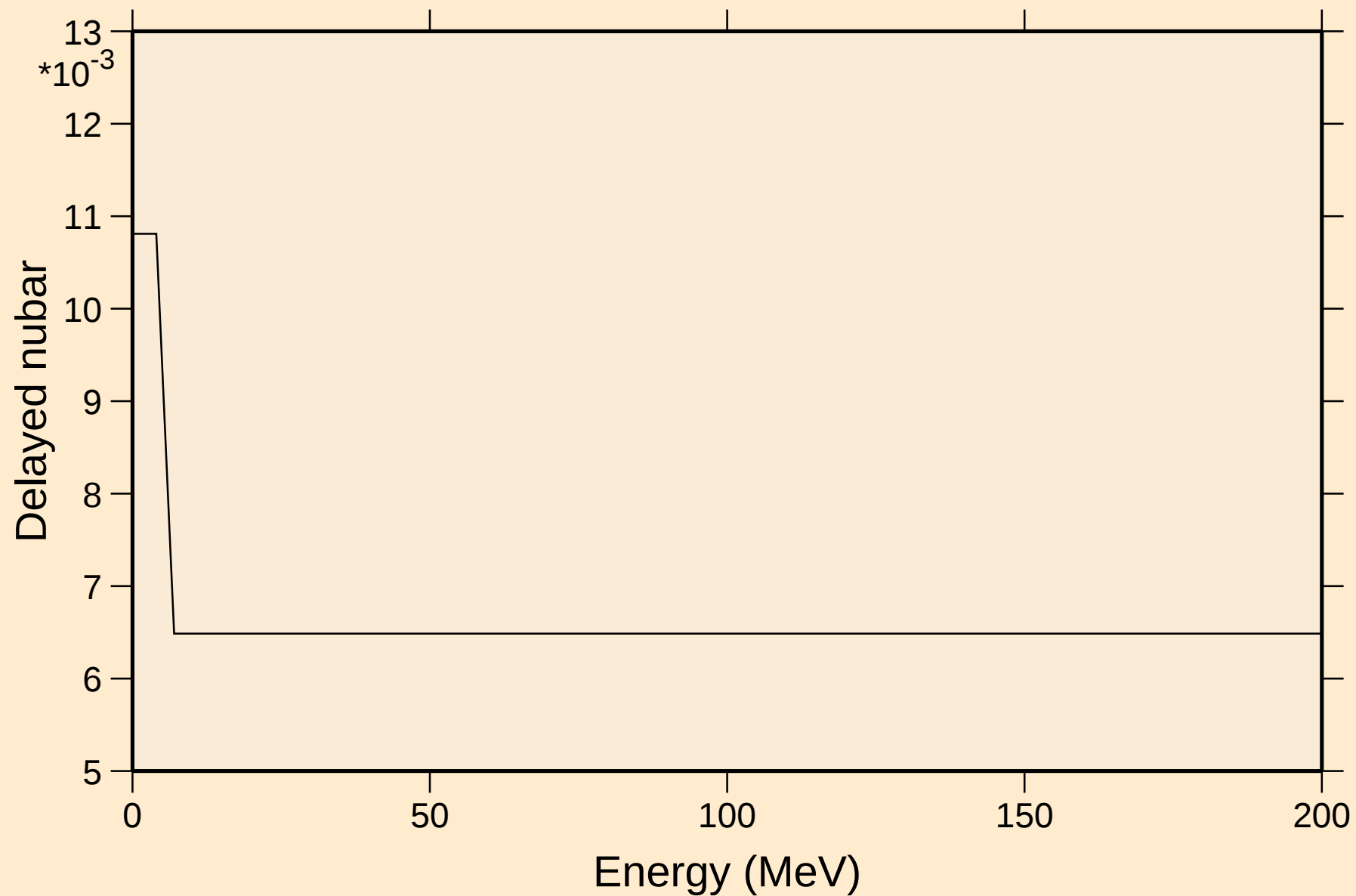


NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



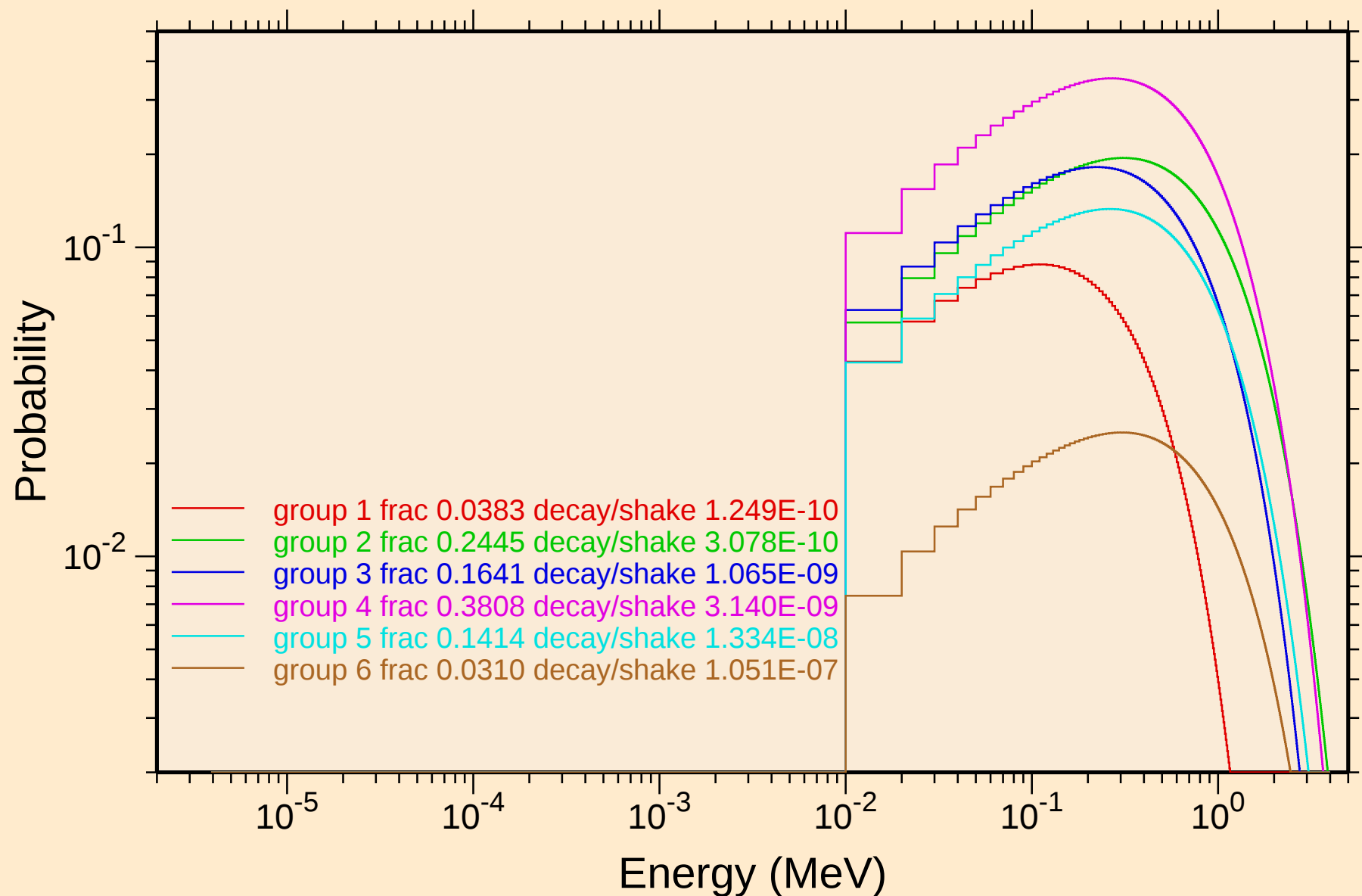
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Delayed nubar

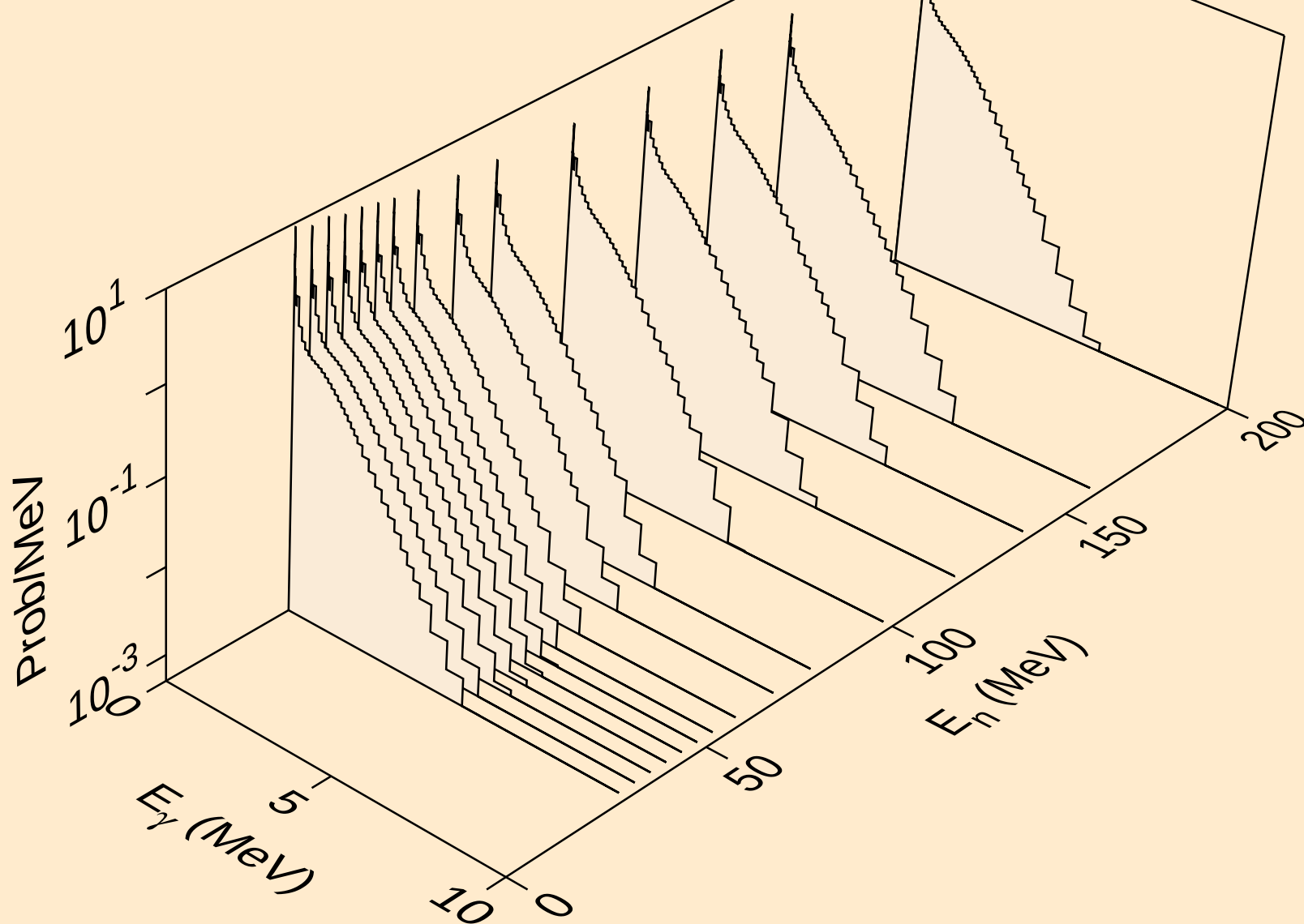


NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

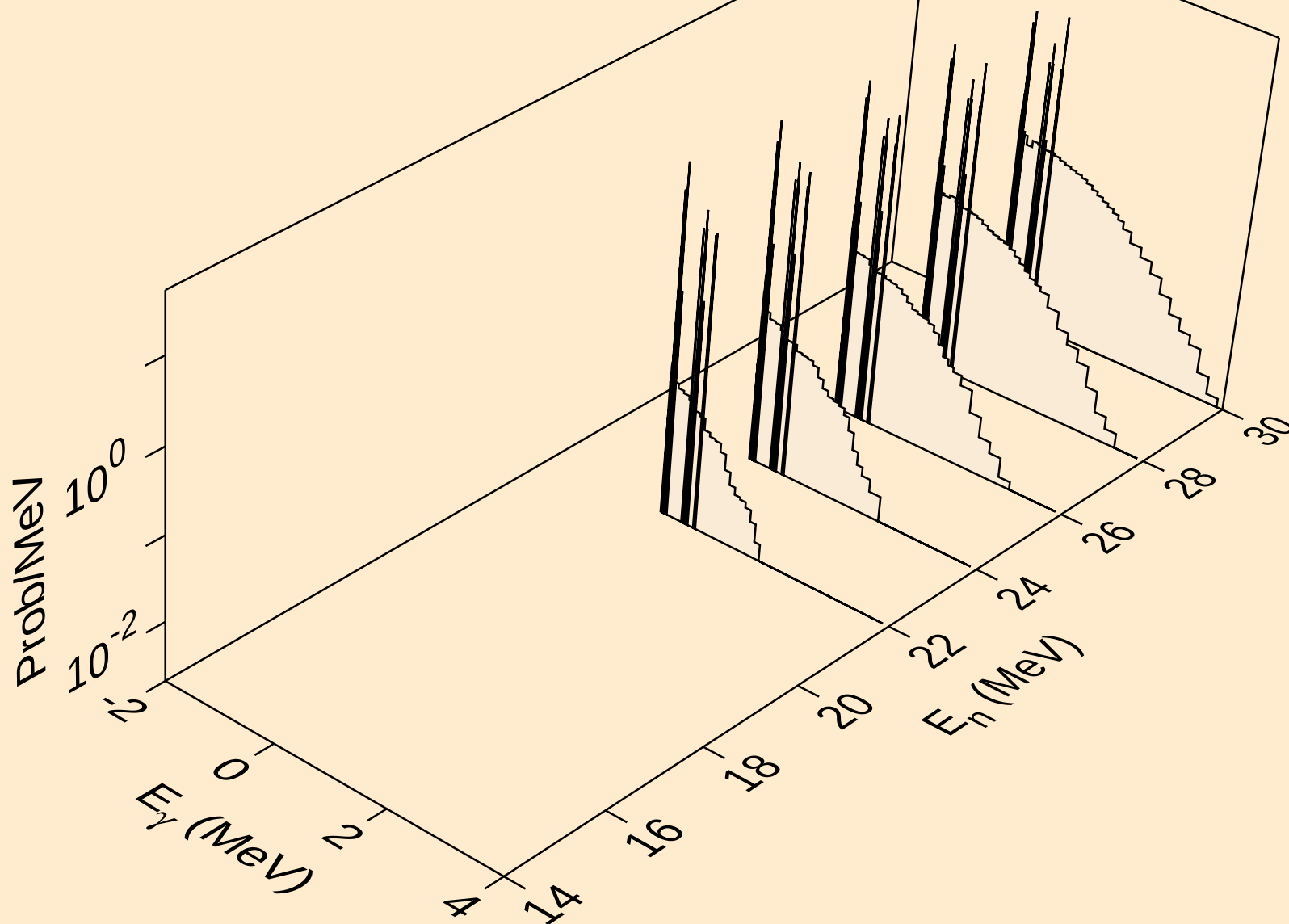
Delayed neutron spectra



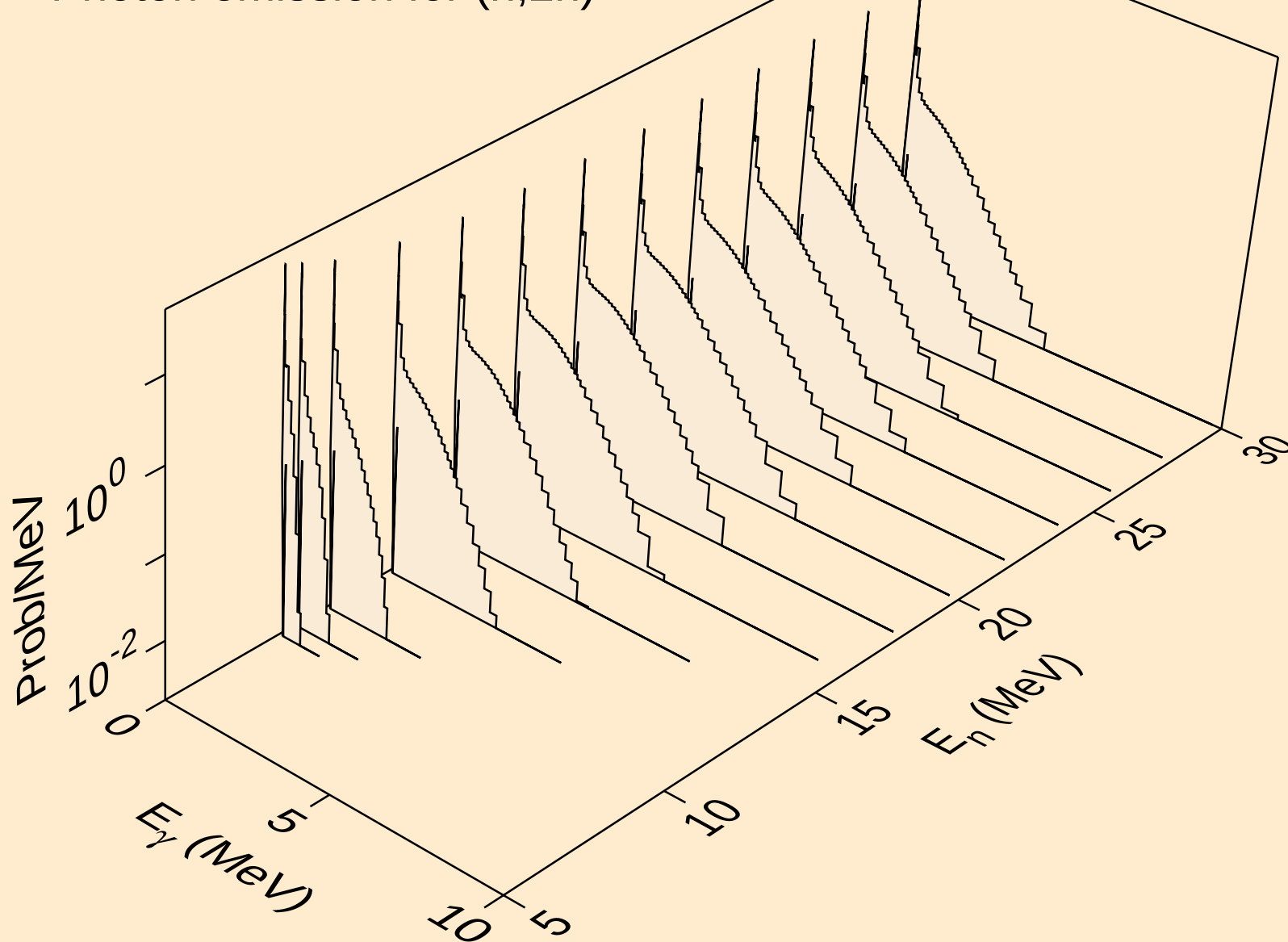
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



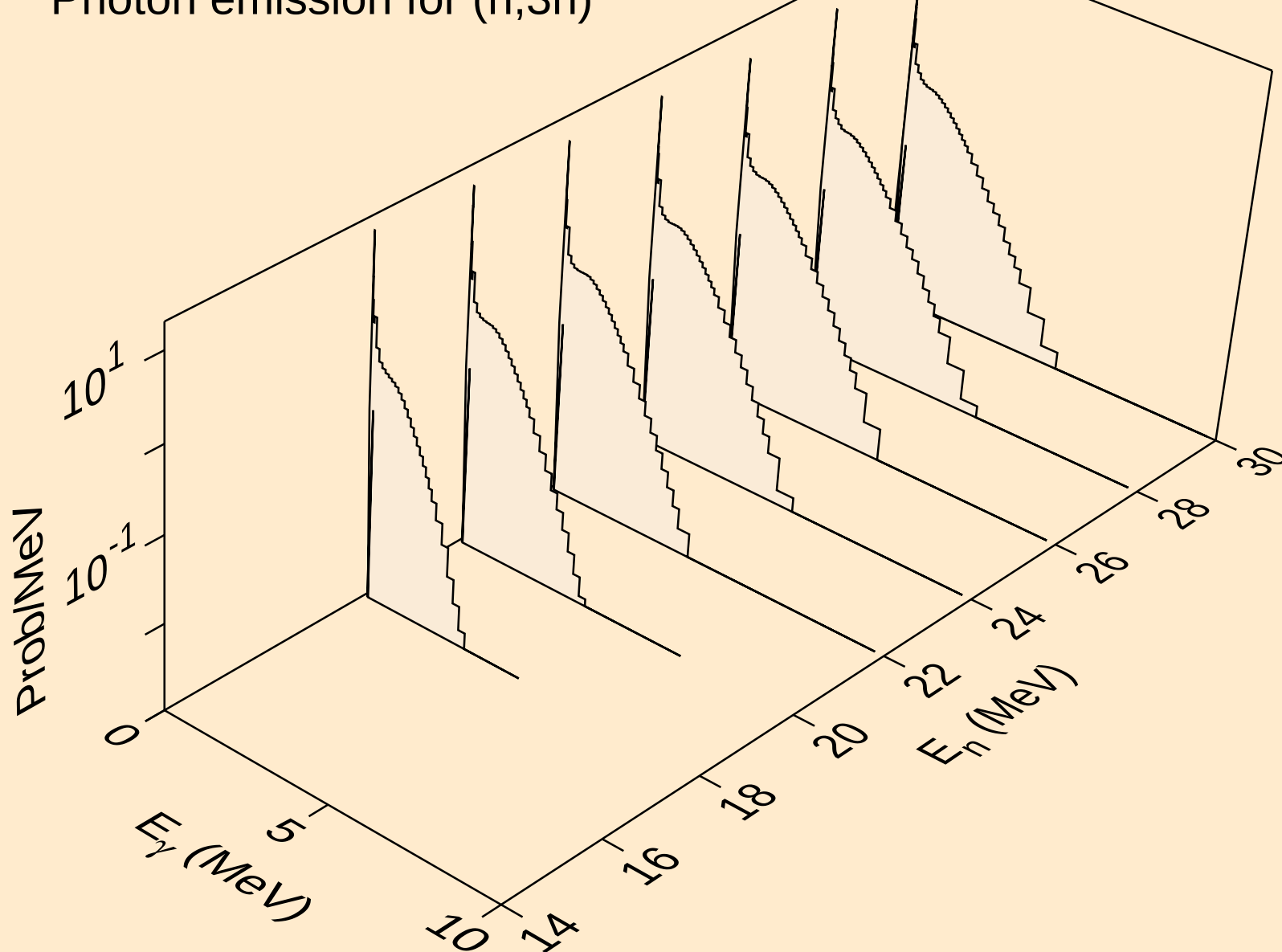
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Photon emission for (n,2nd)



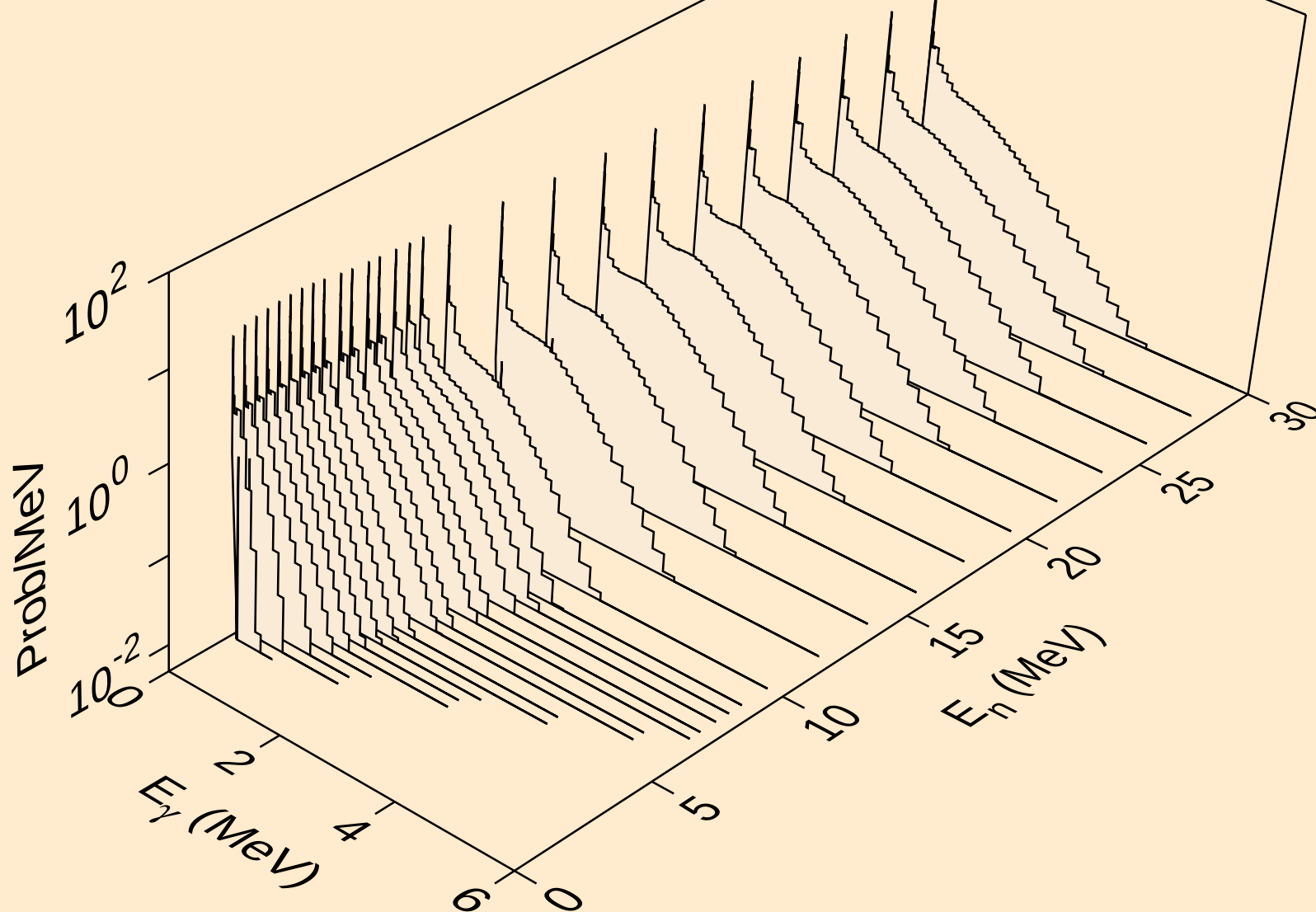
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



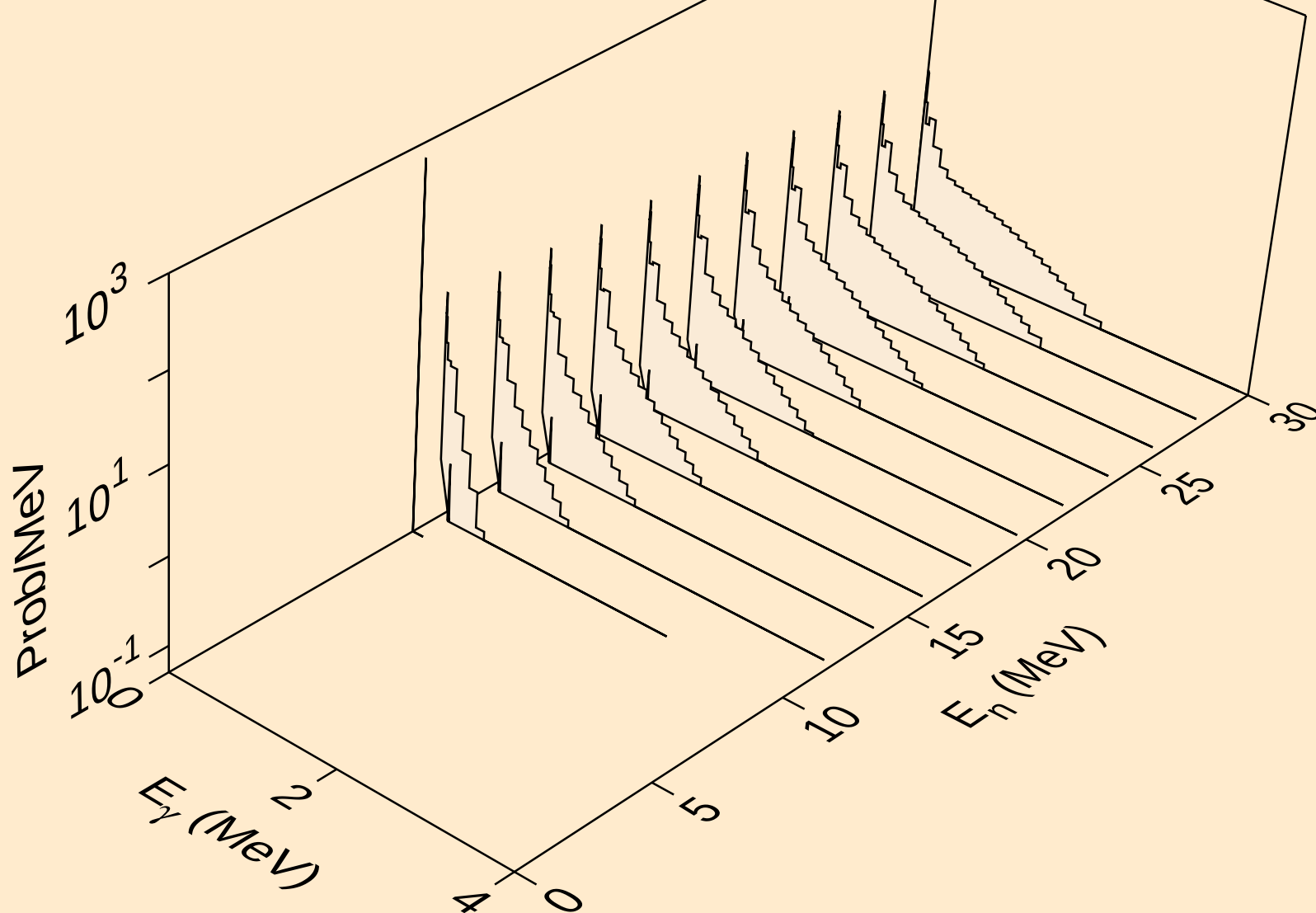
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



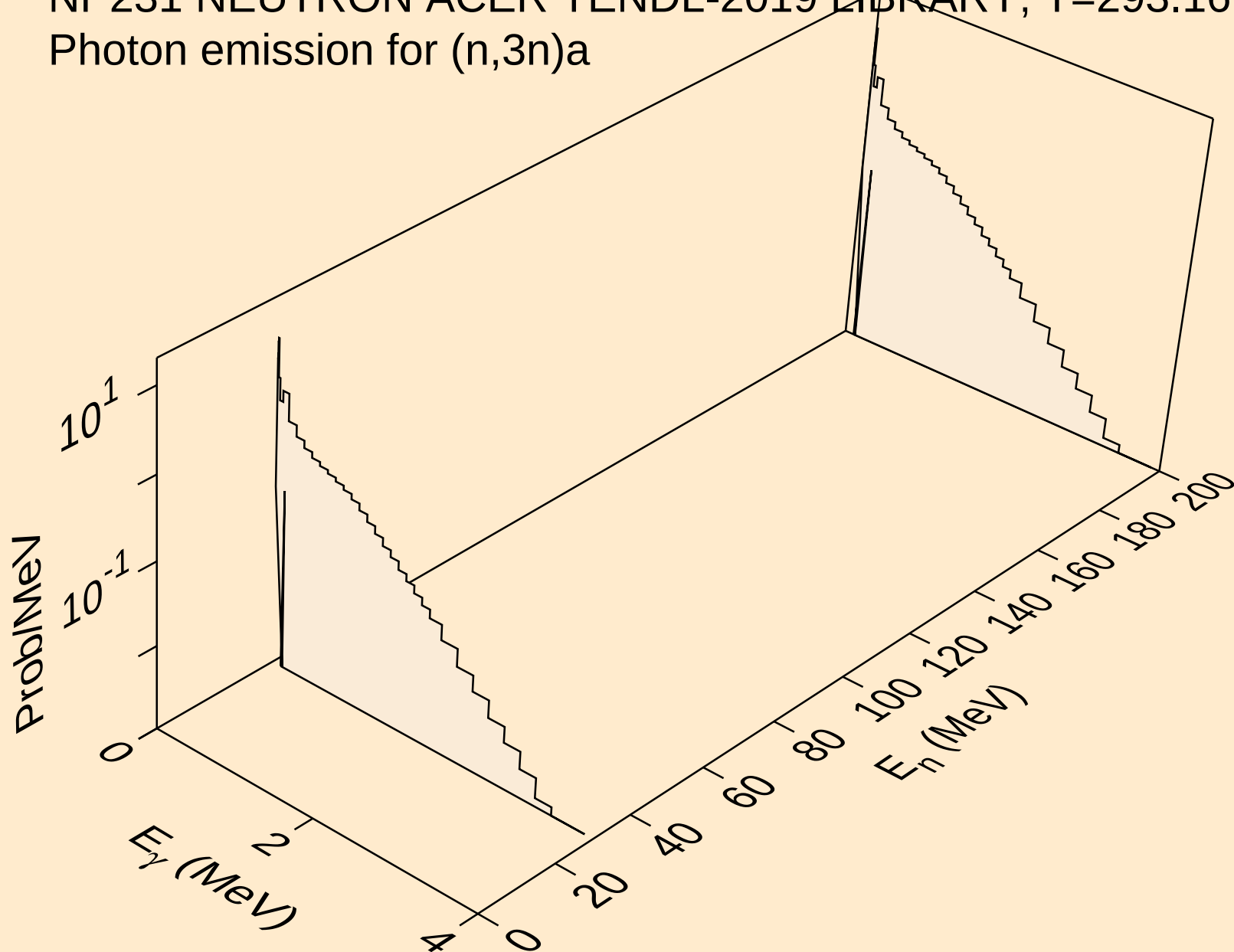
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



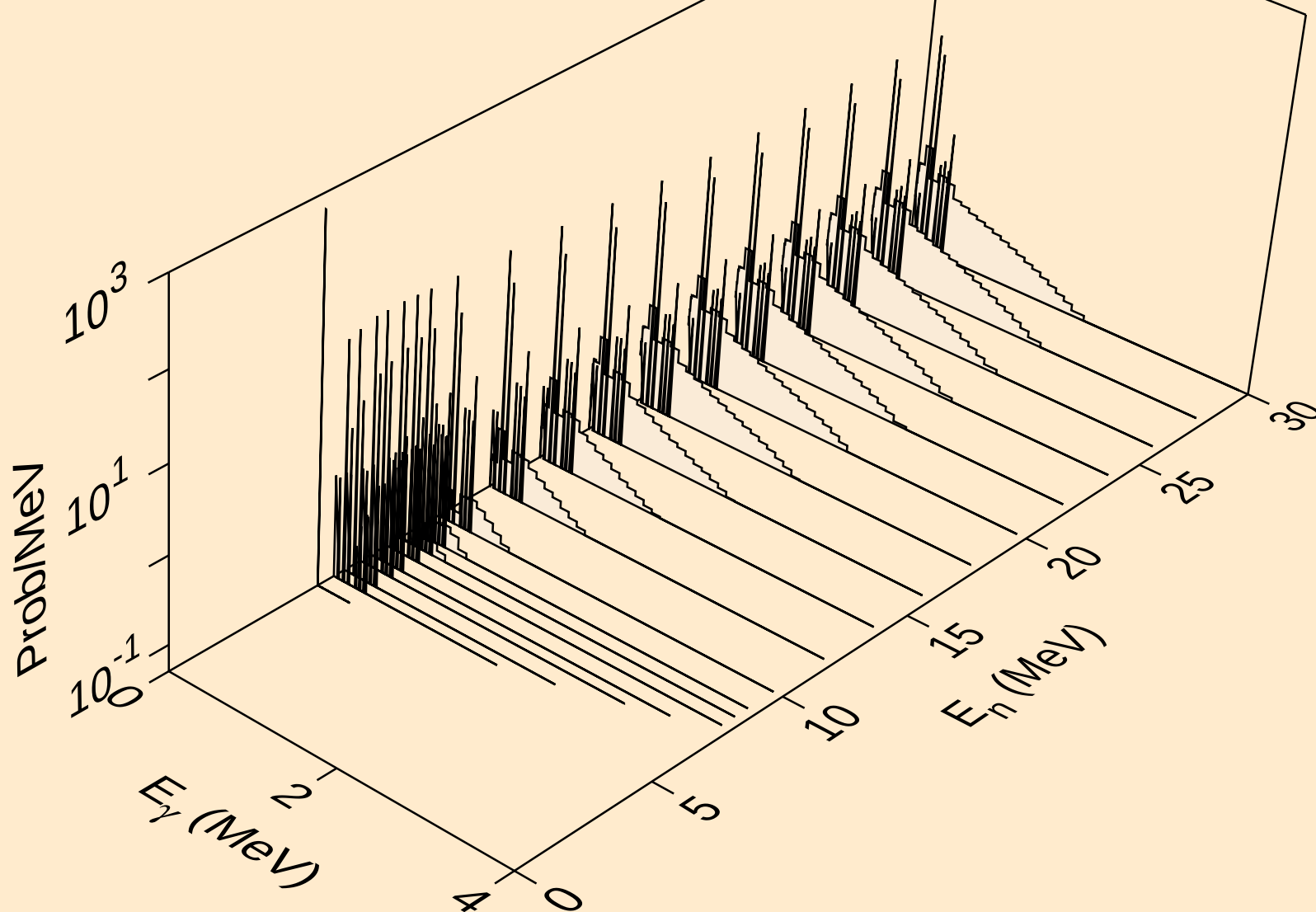
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Photon emission for (n,2n) α



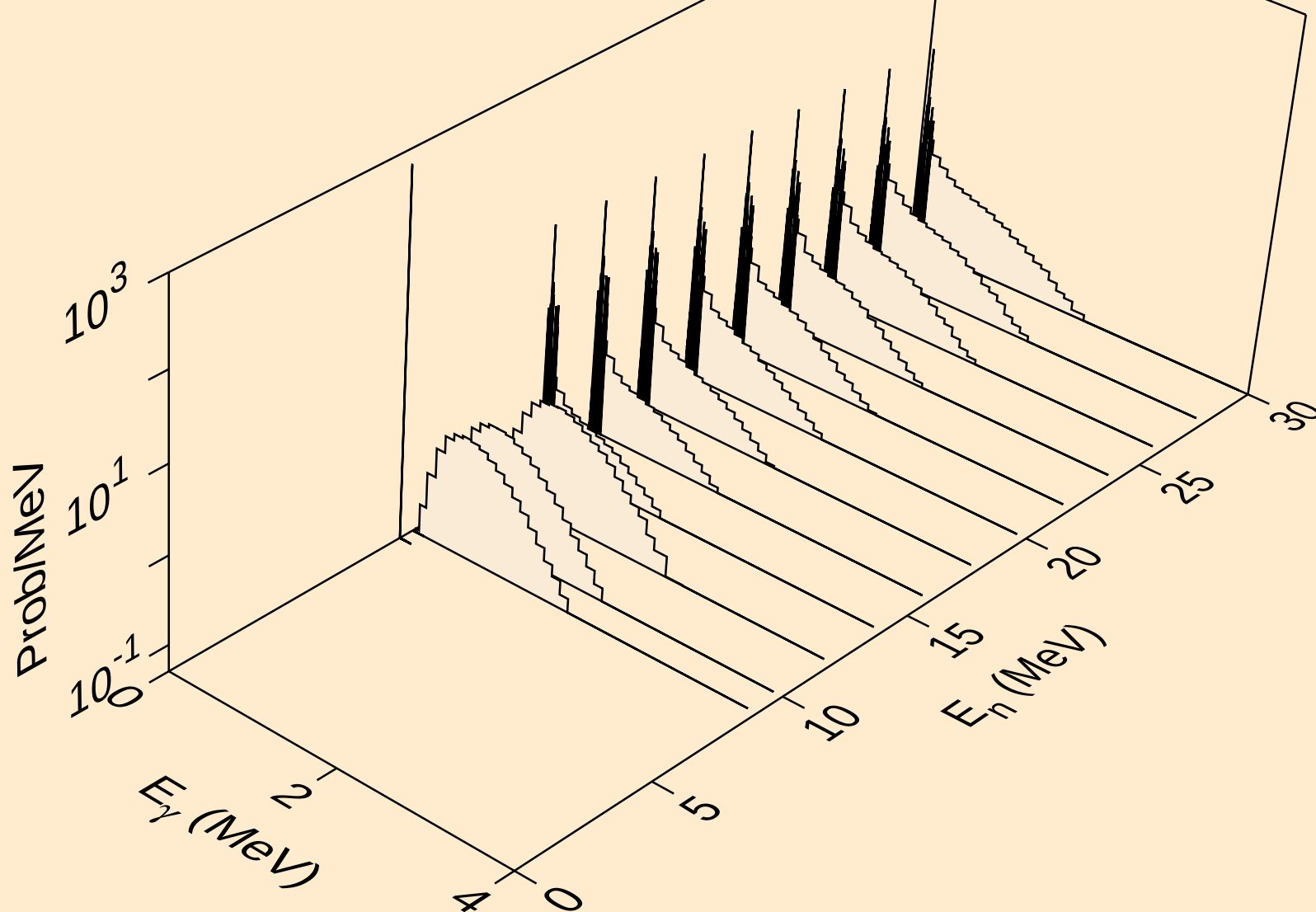
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Photon emission for (n,3n)a



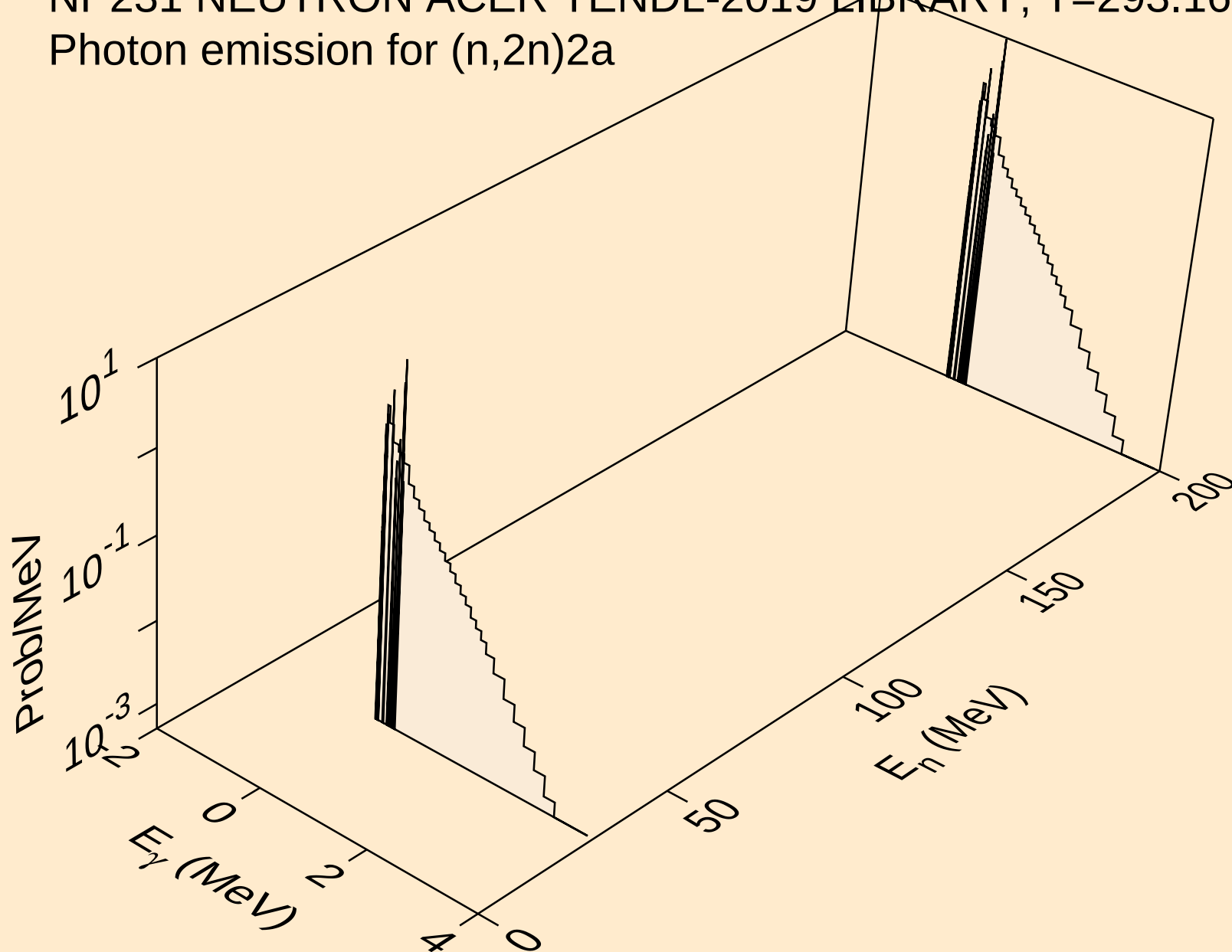
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



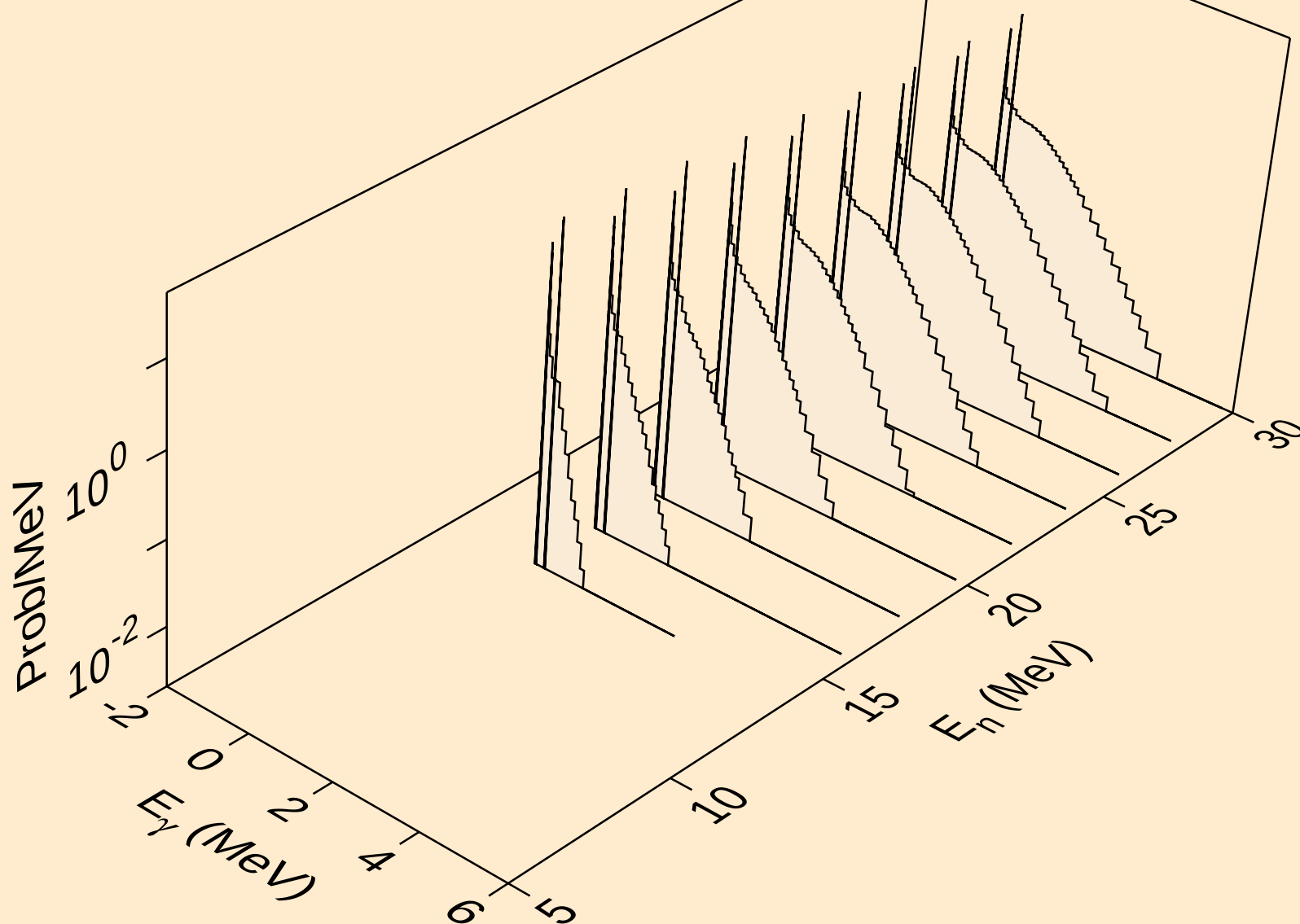
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Photon emission for (n,n*)2a



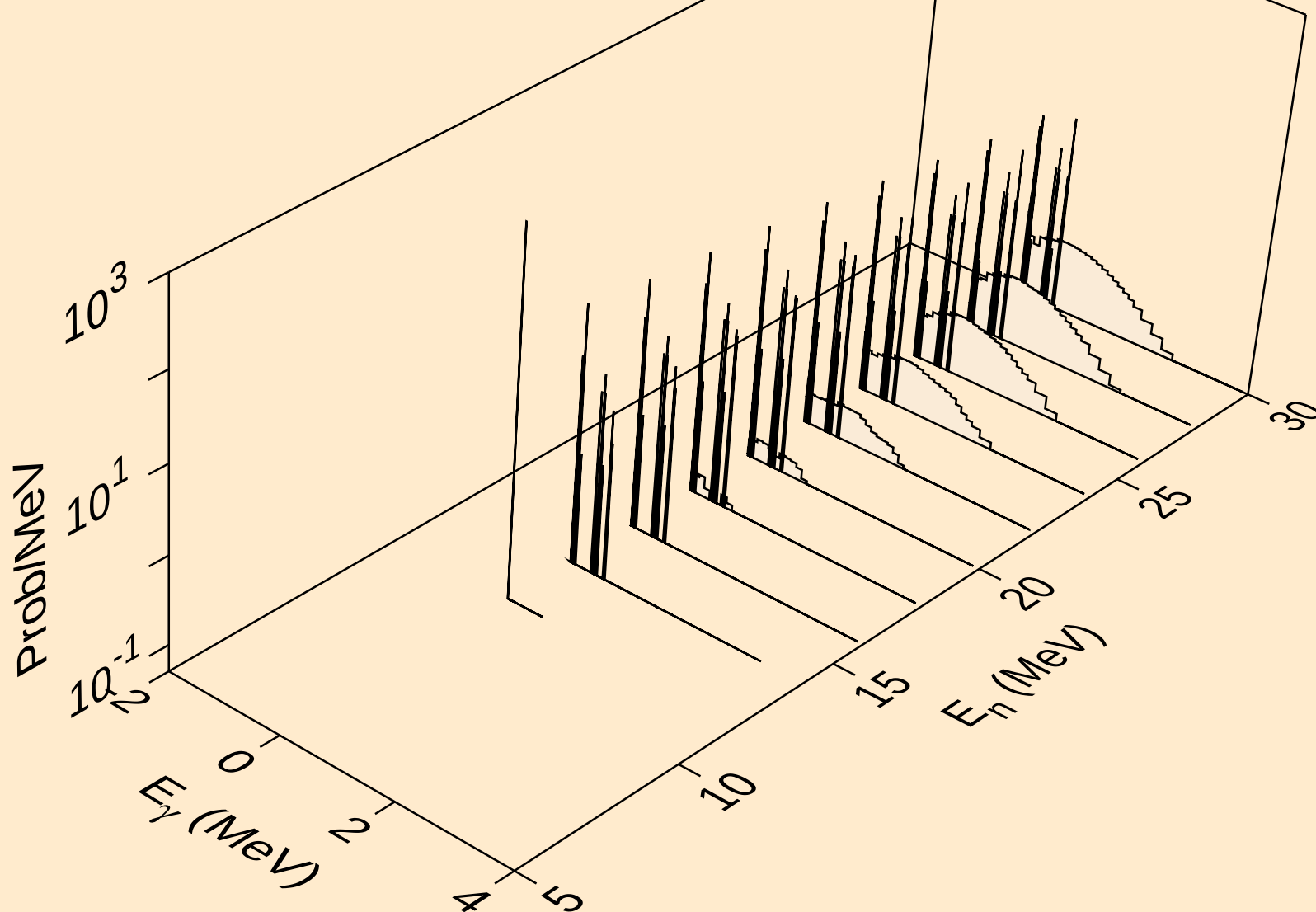
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Photon emission for (n,2n)2a



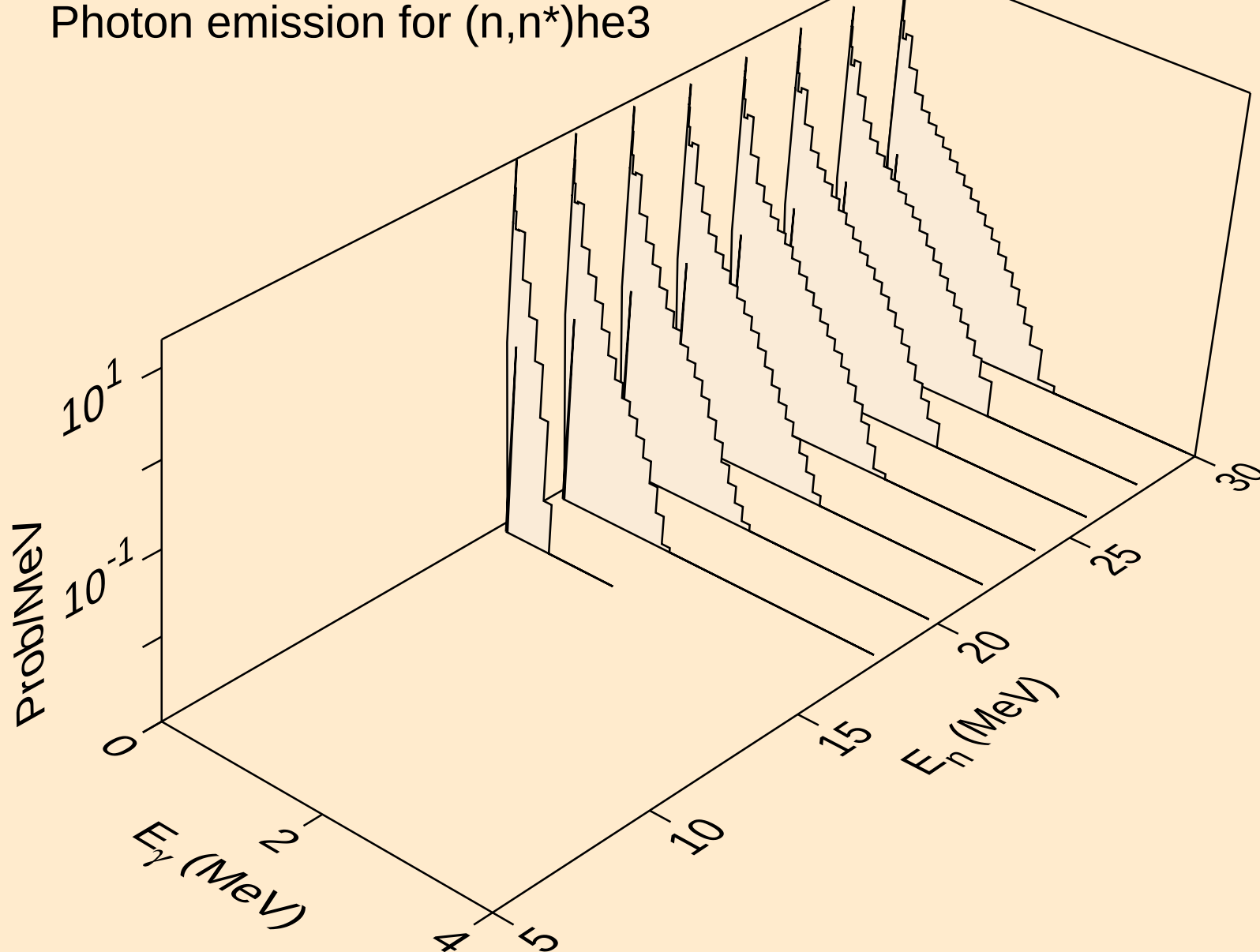
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



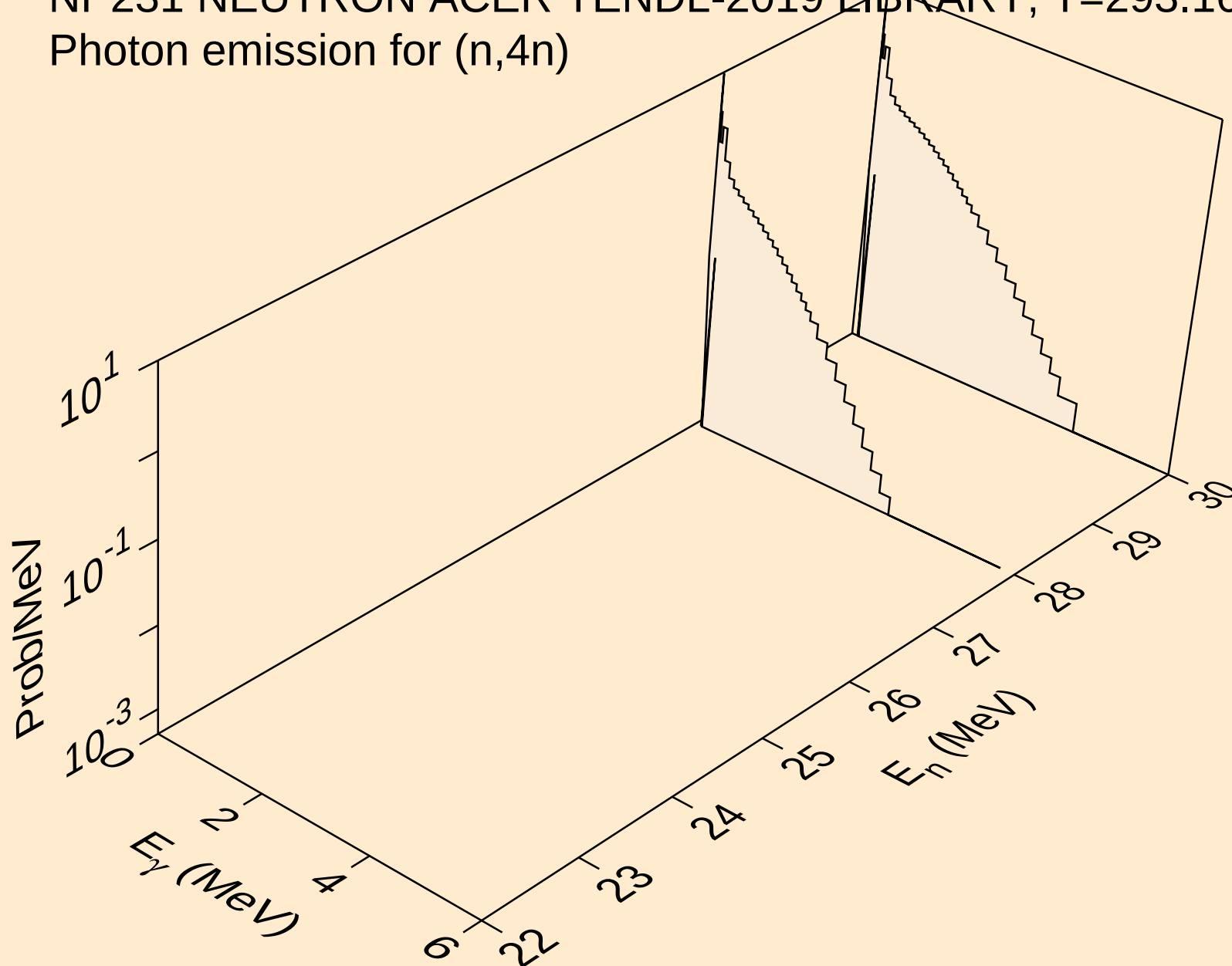
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



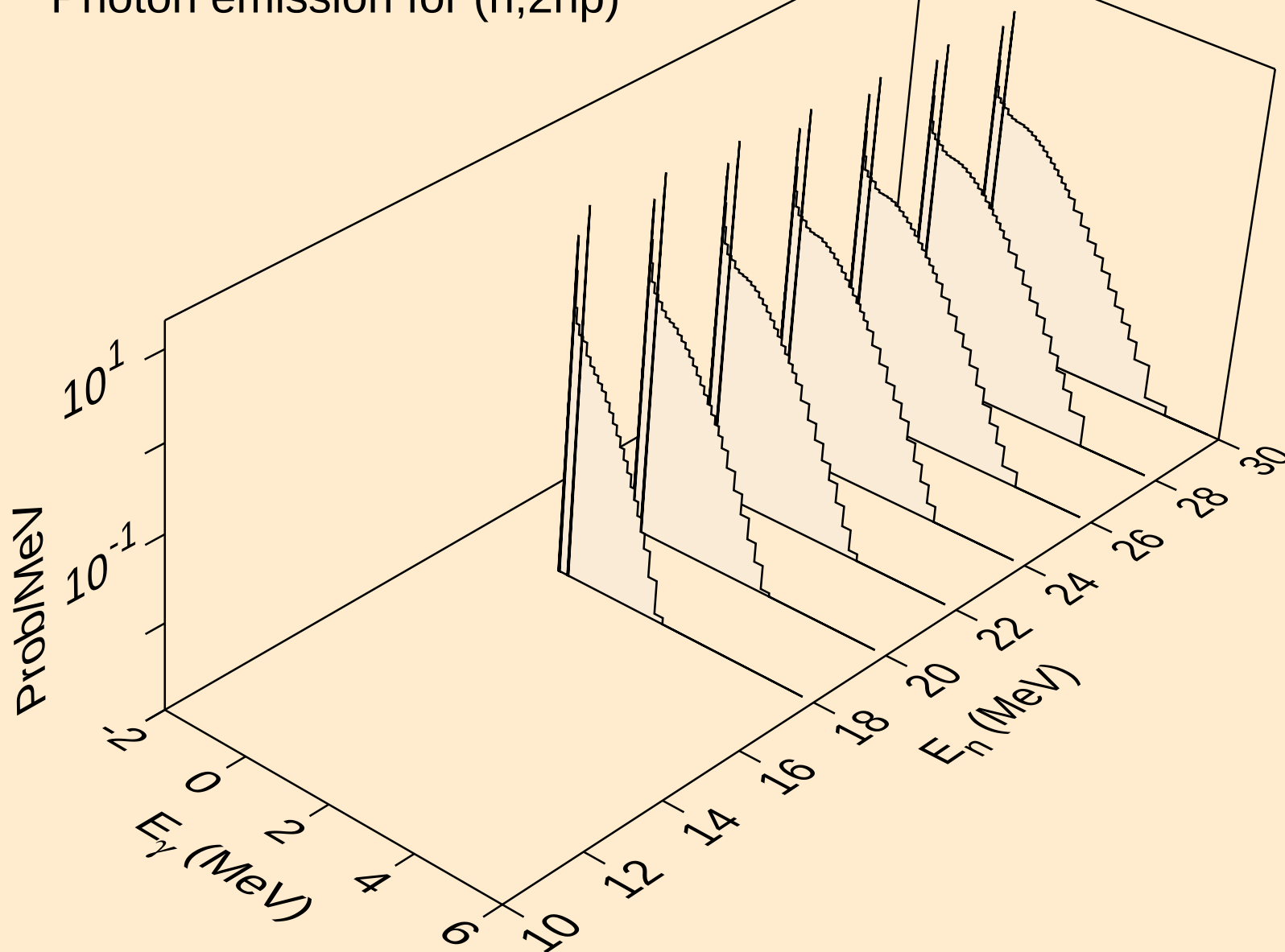
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



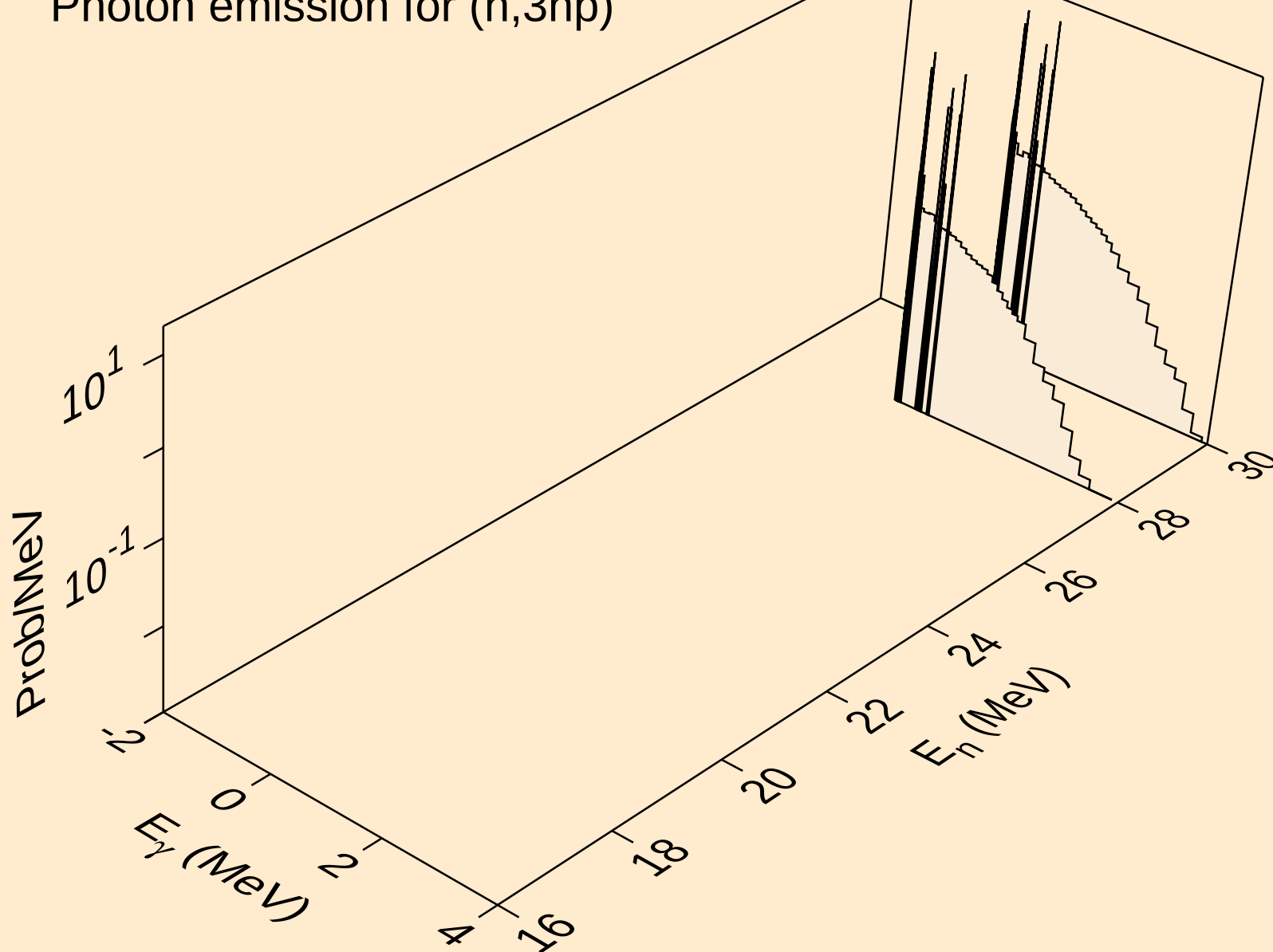
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Photon emission for (n,4n)



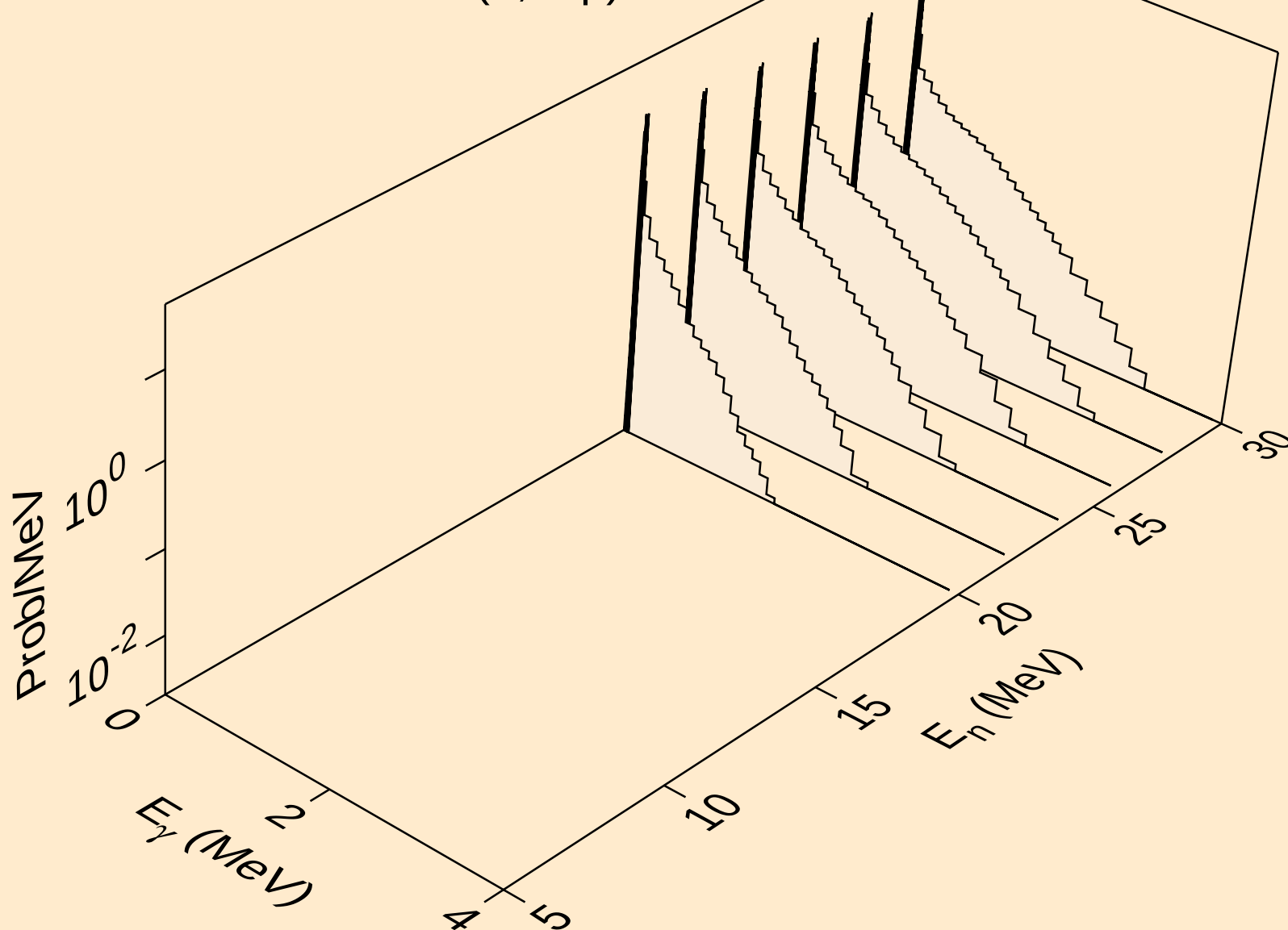
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



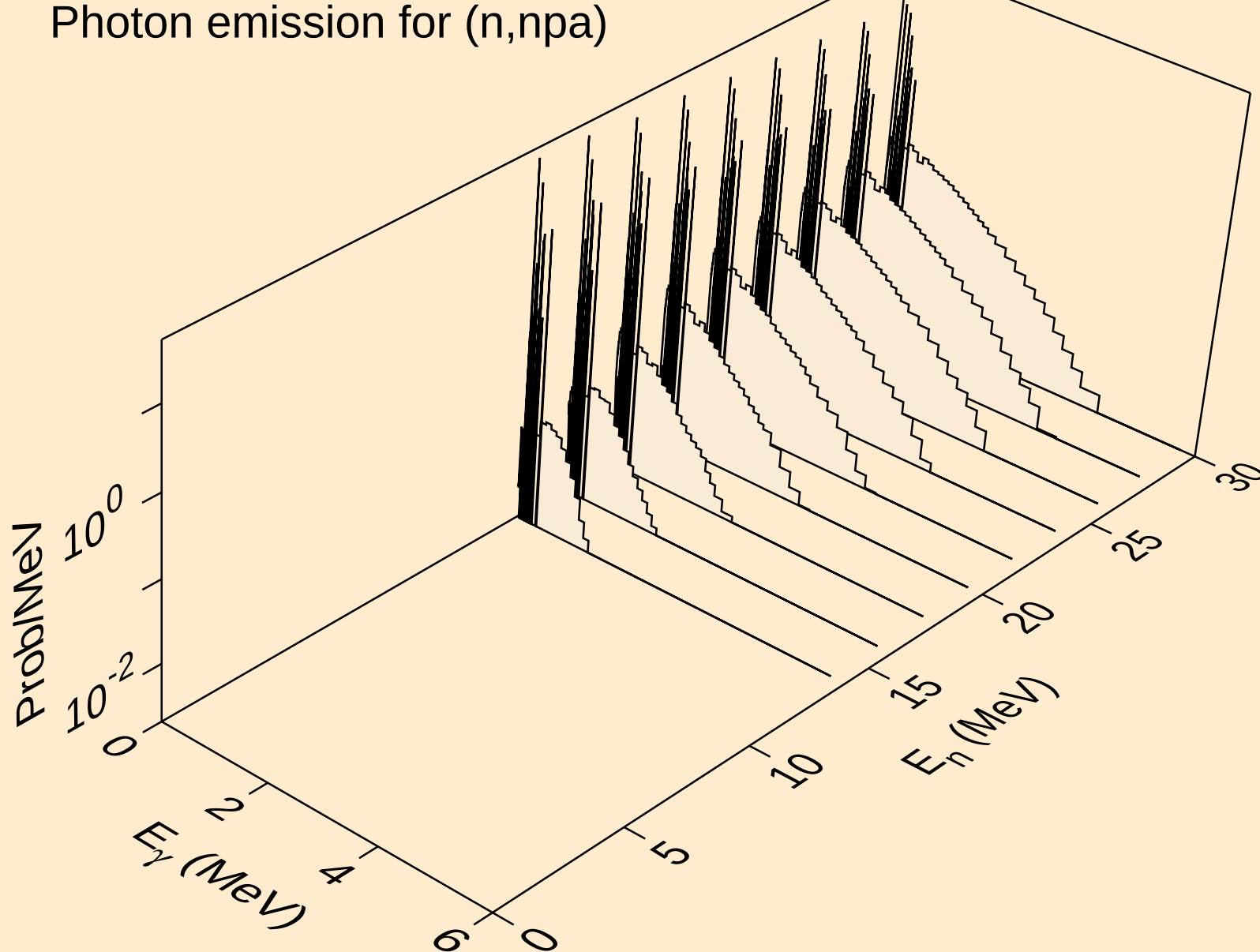
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



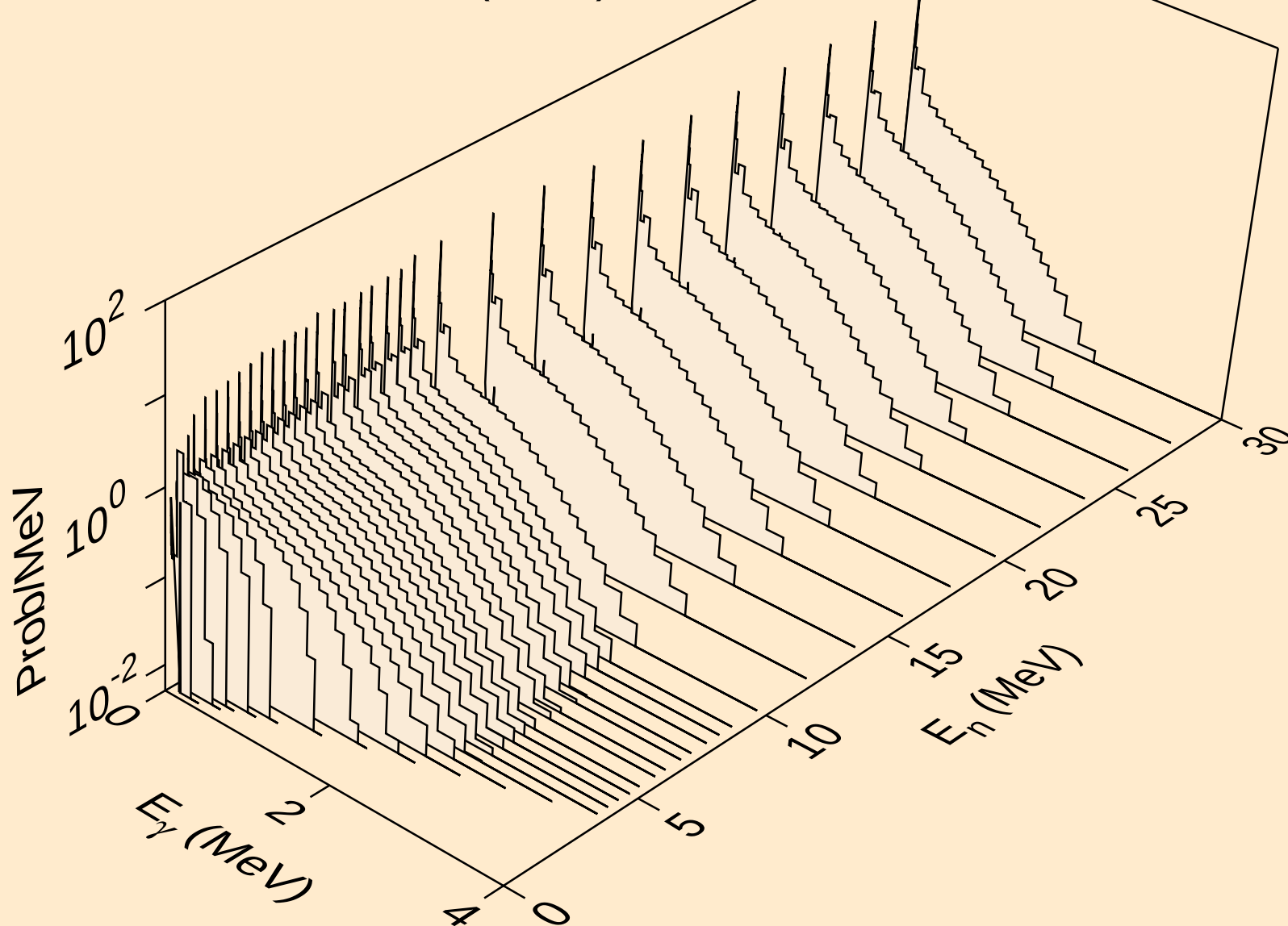
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



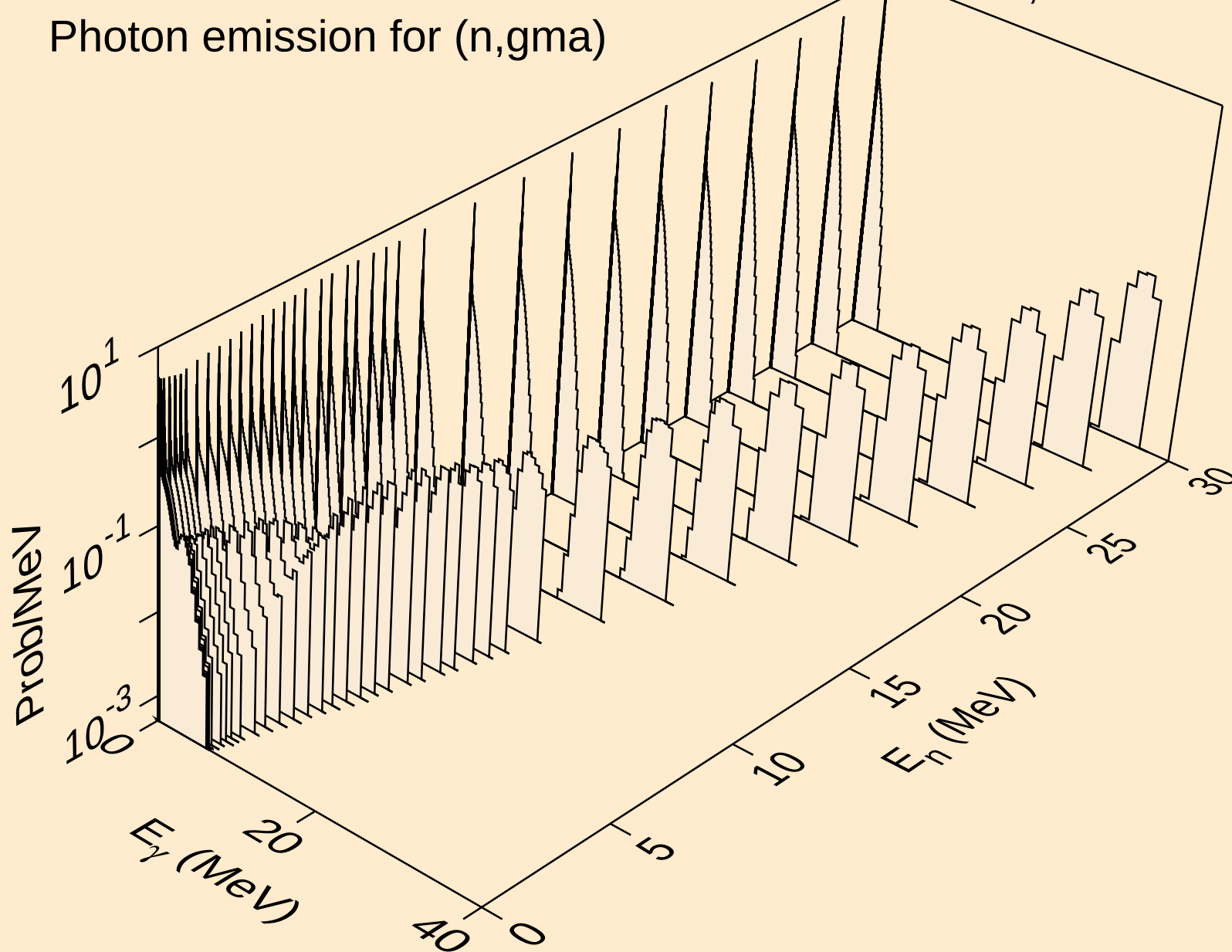
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



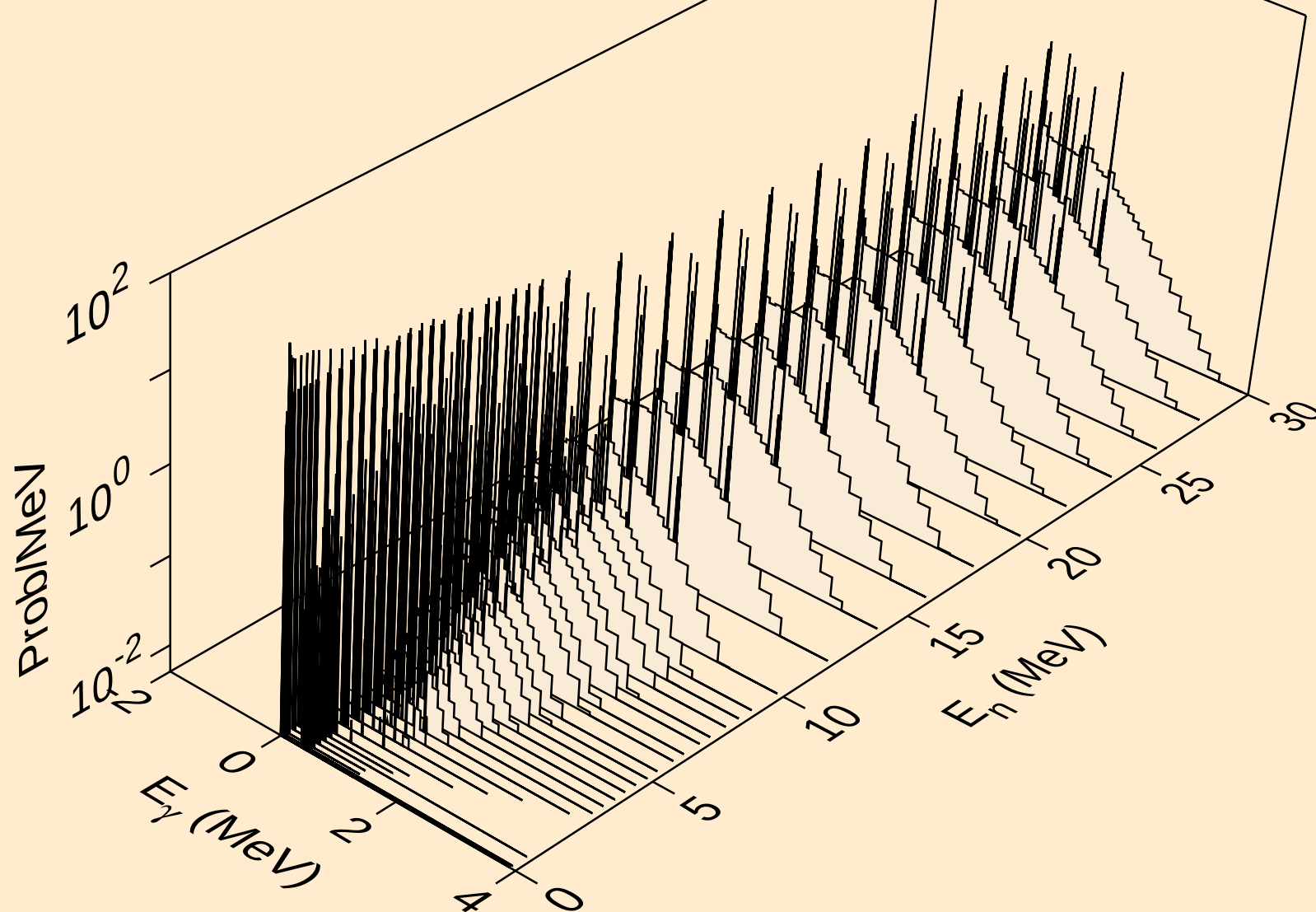
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



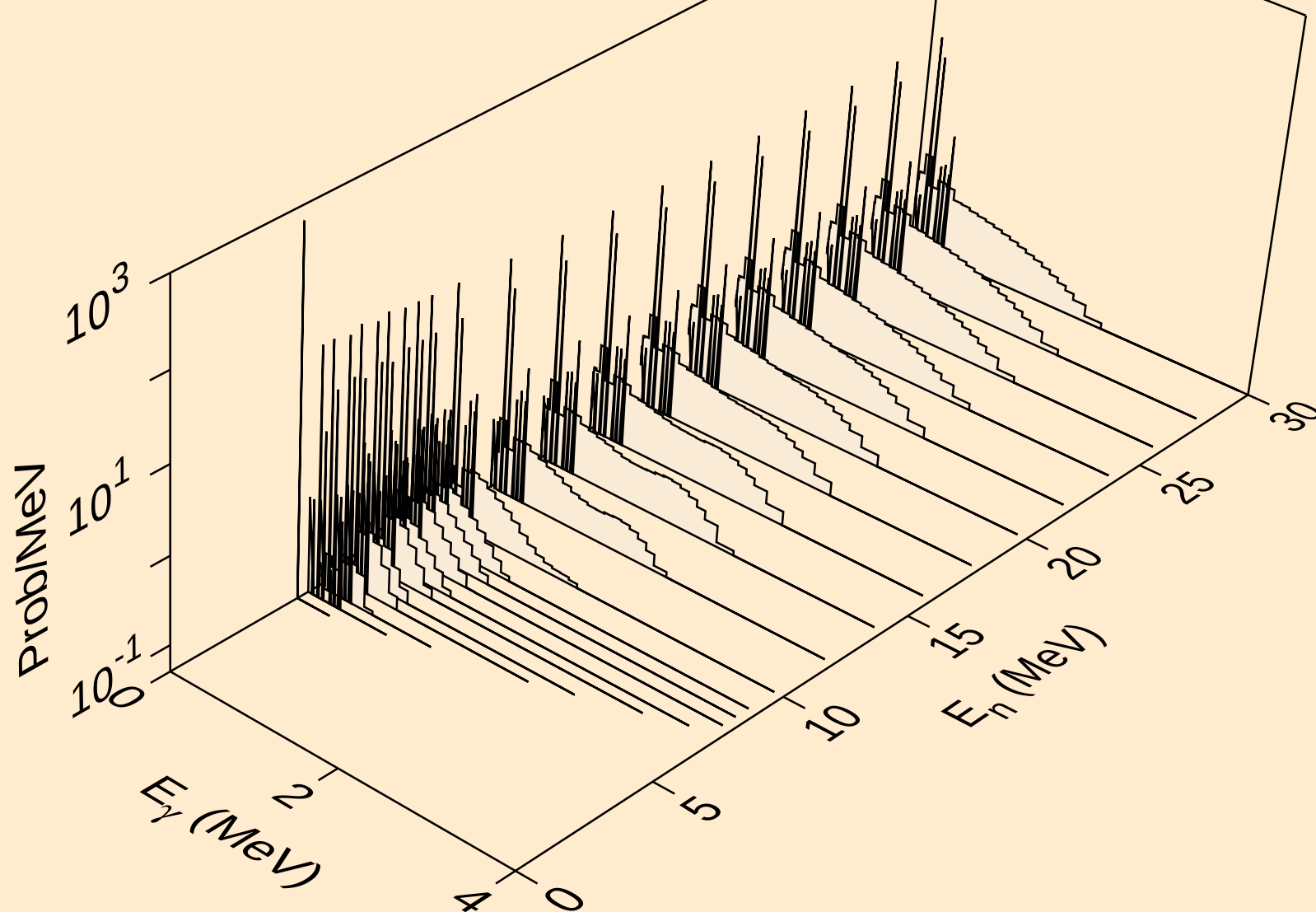
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



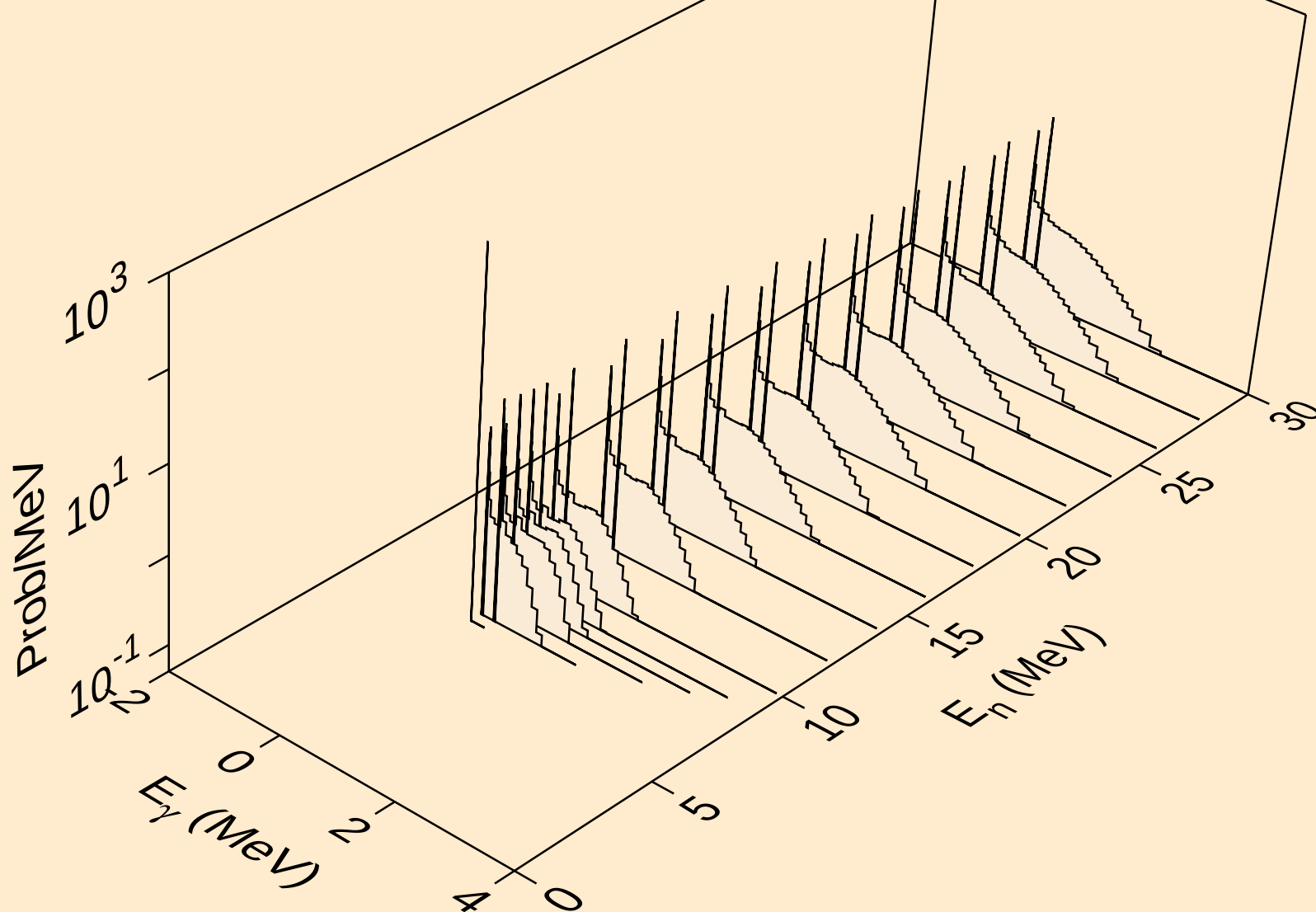
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



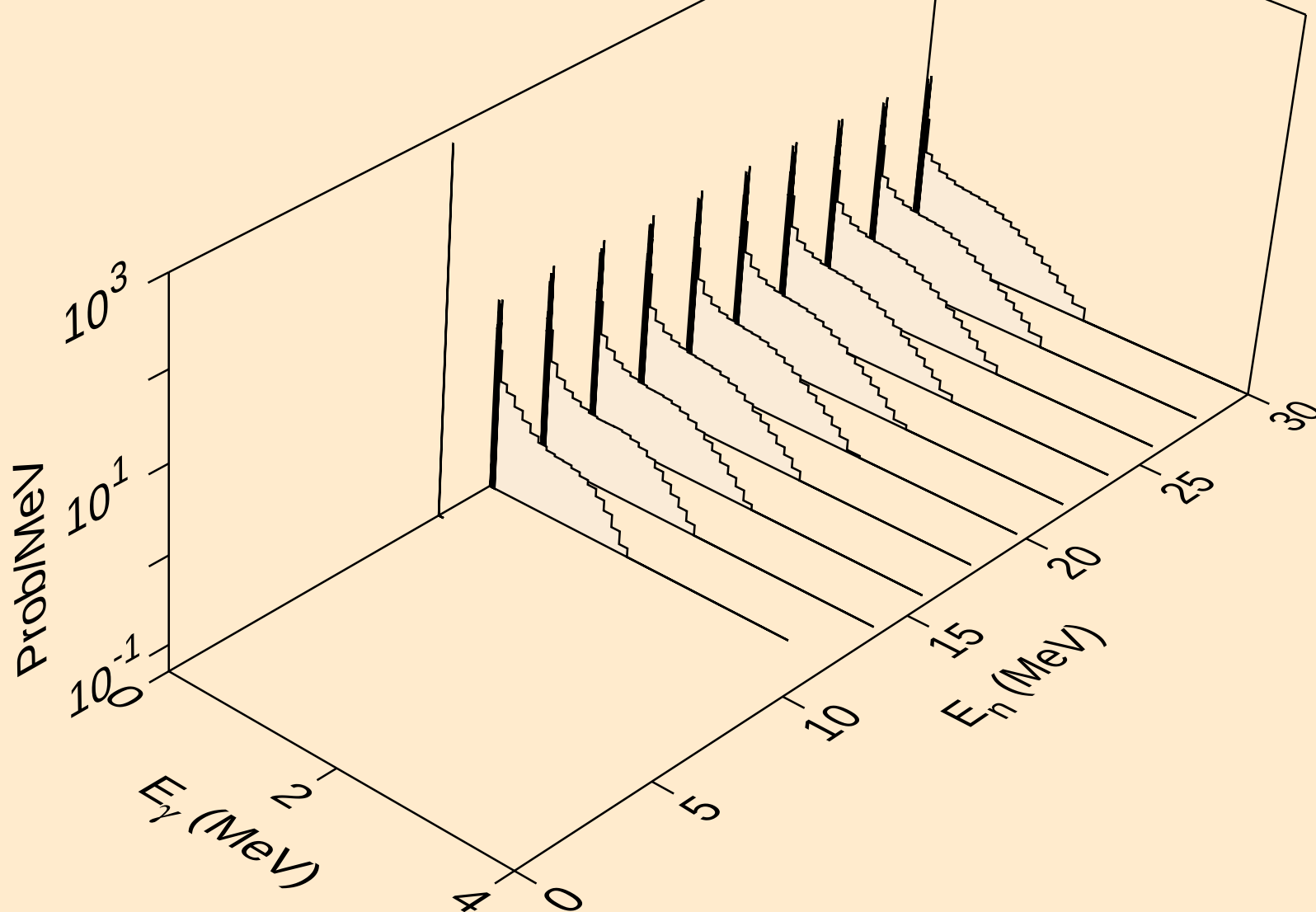
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



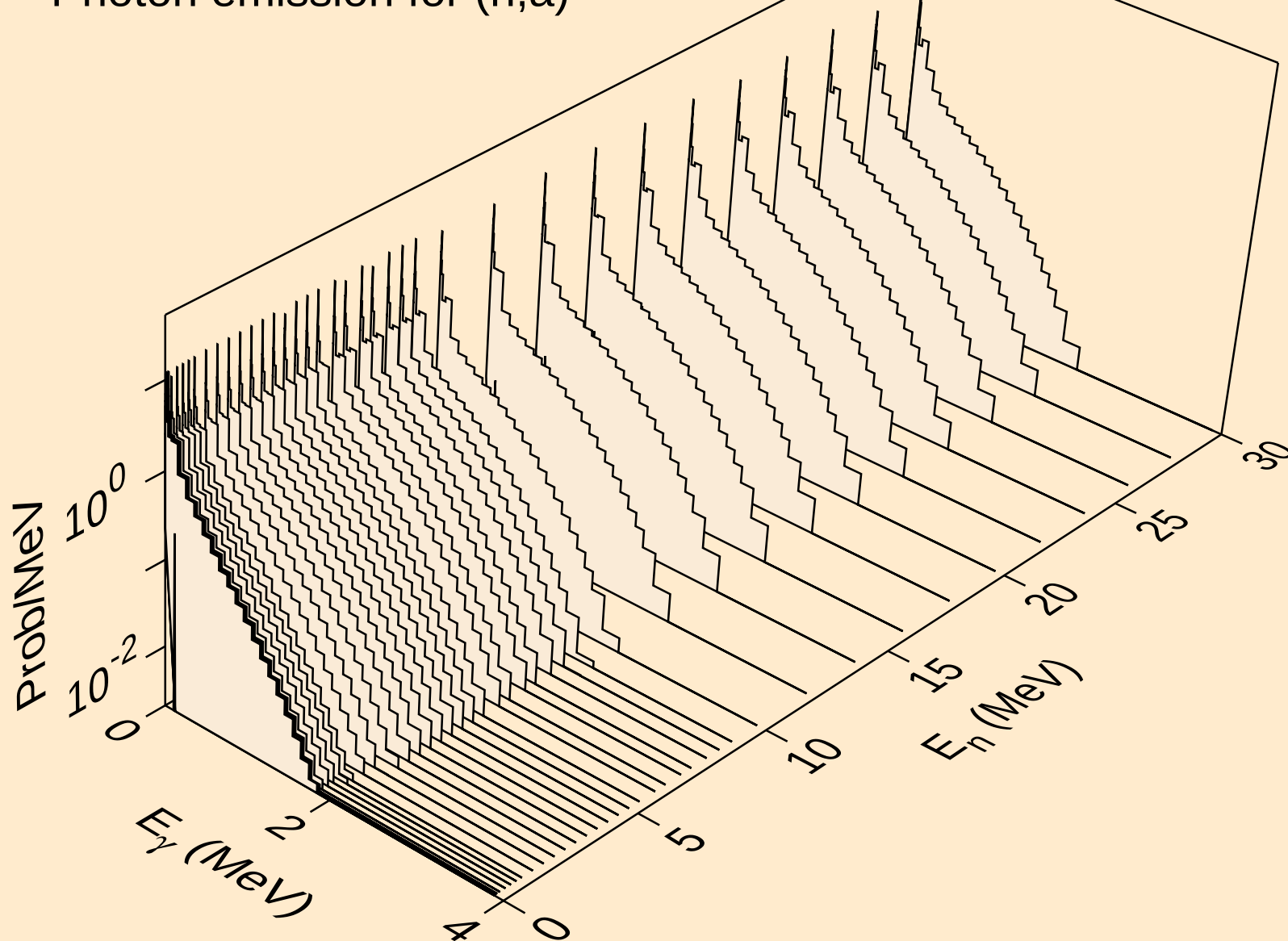
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



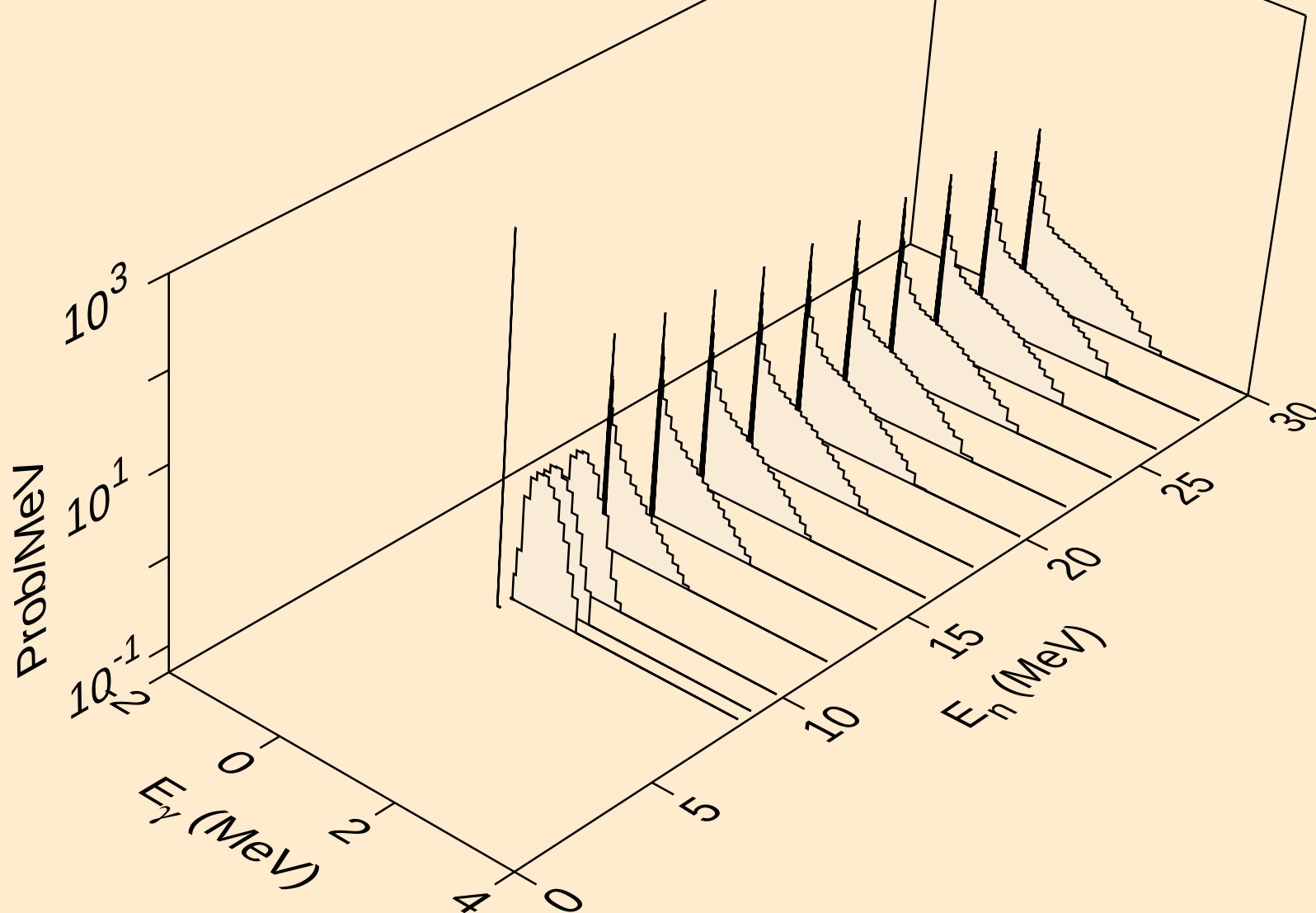
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



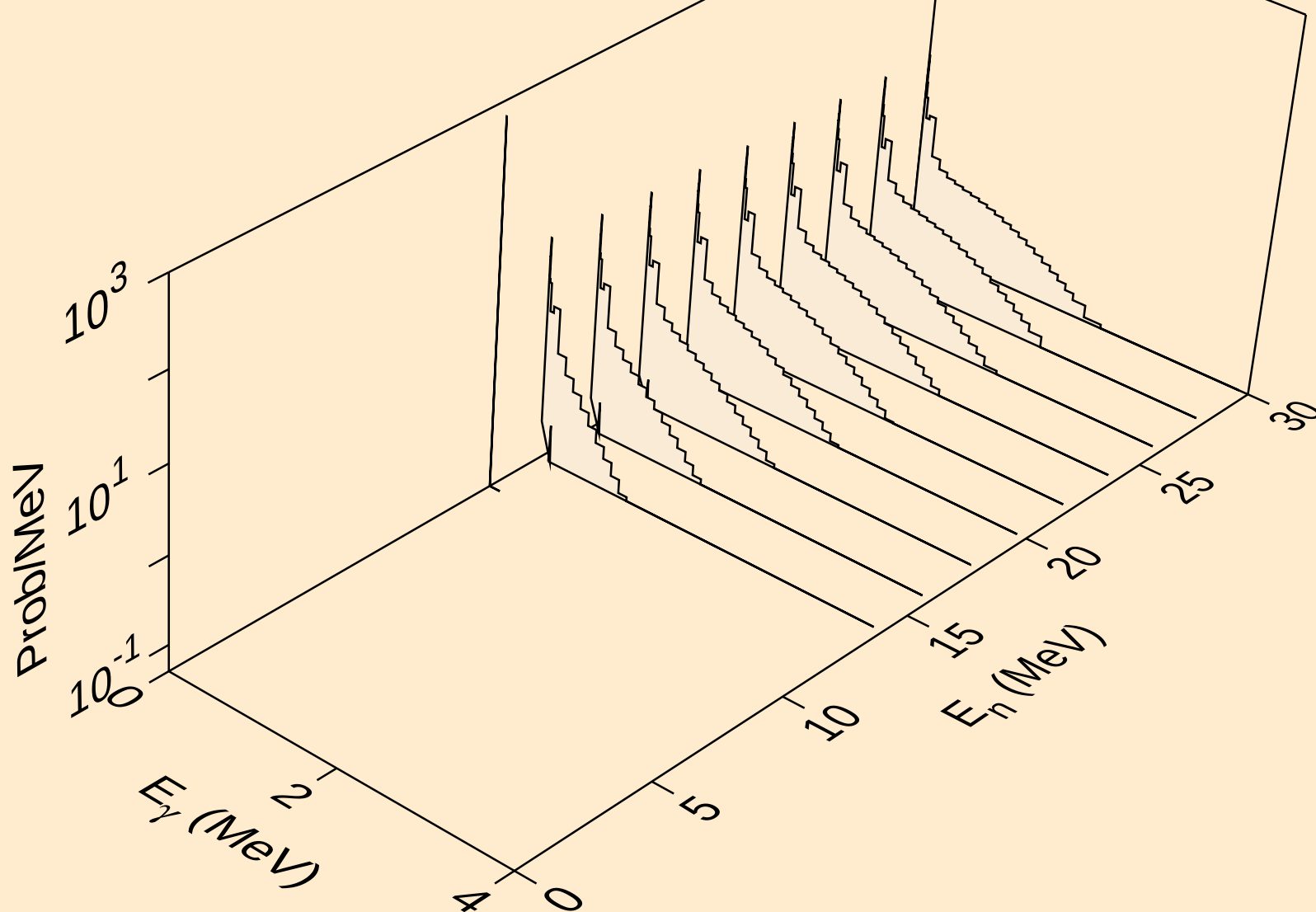
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



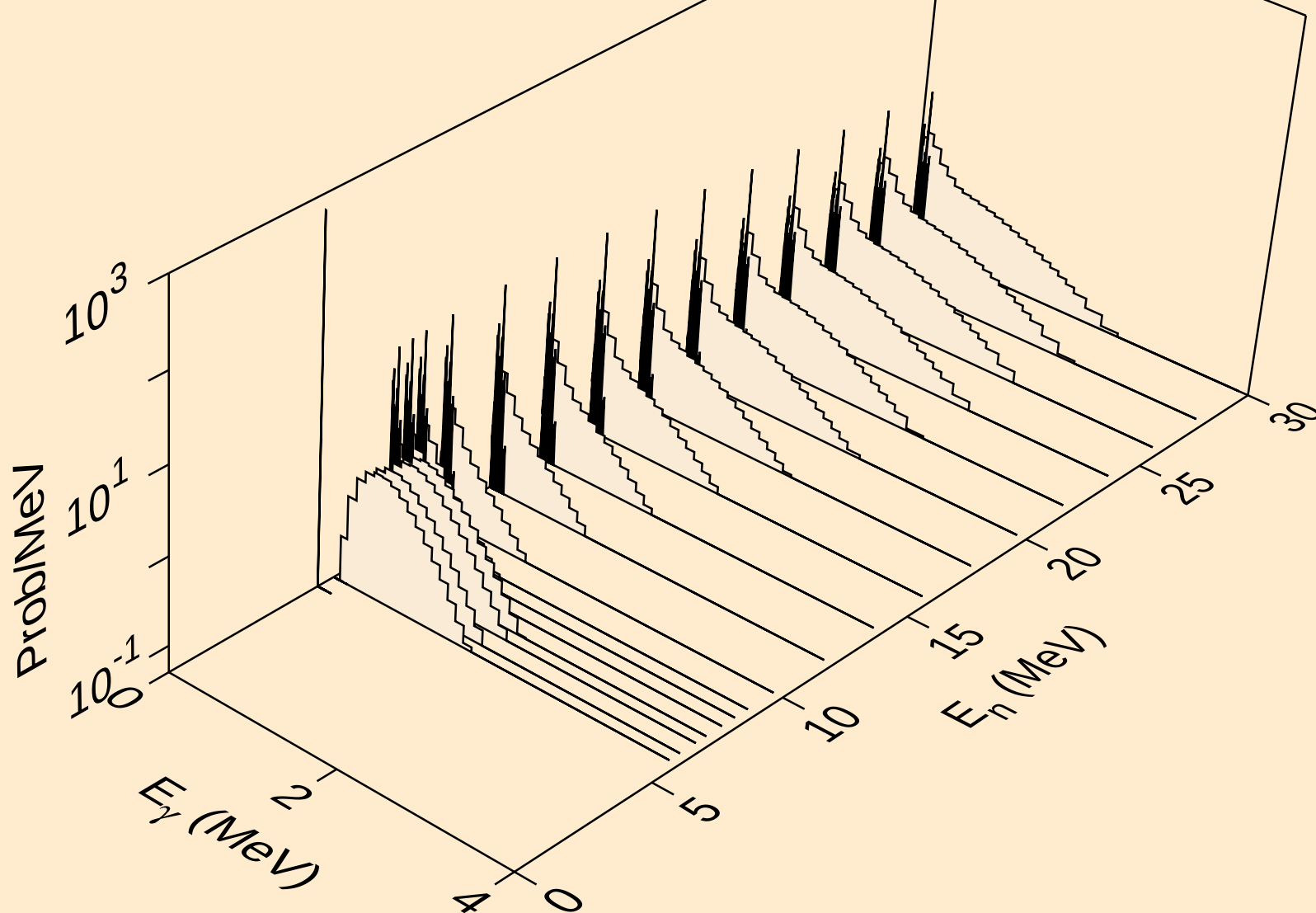
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



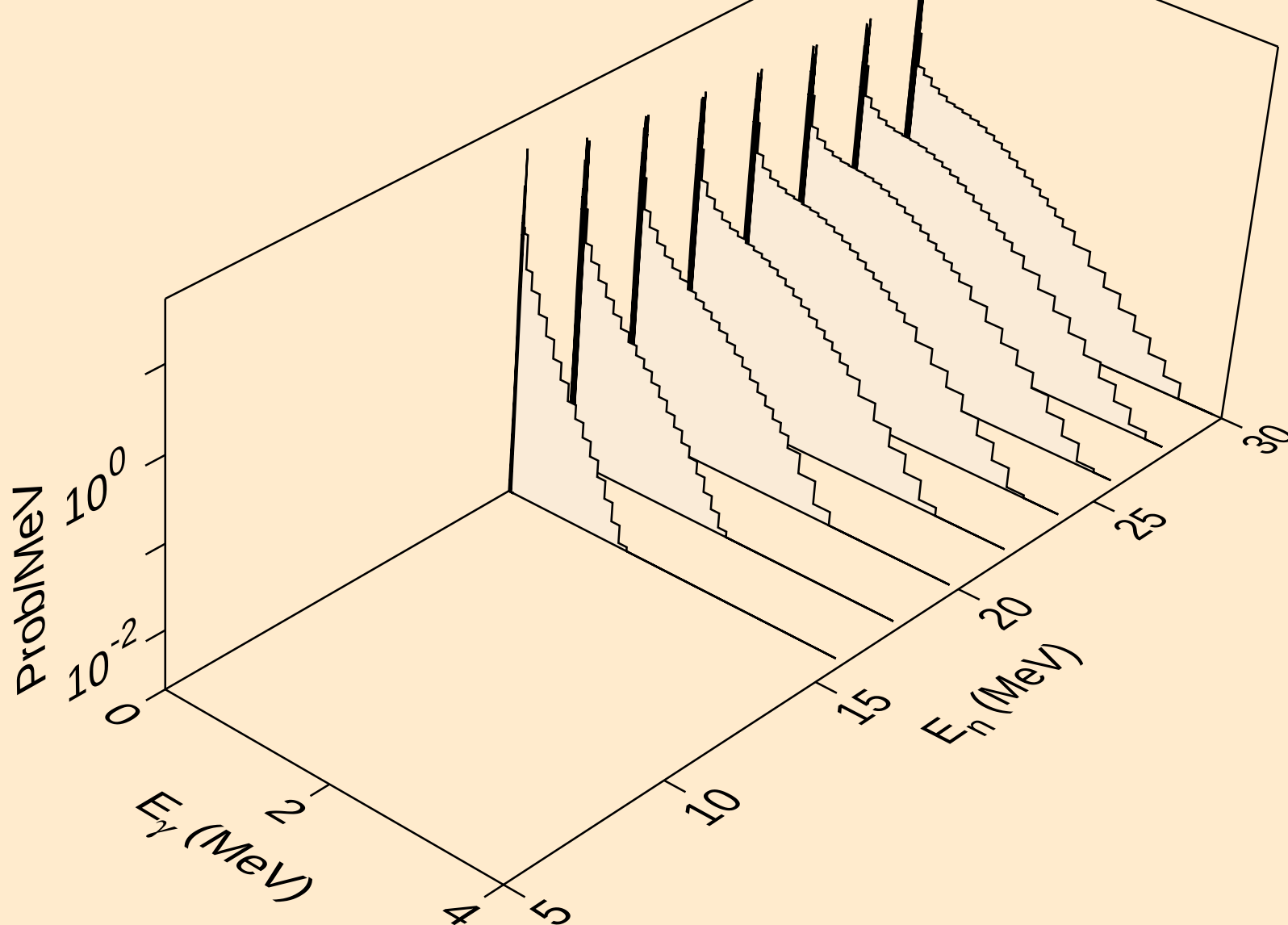
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



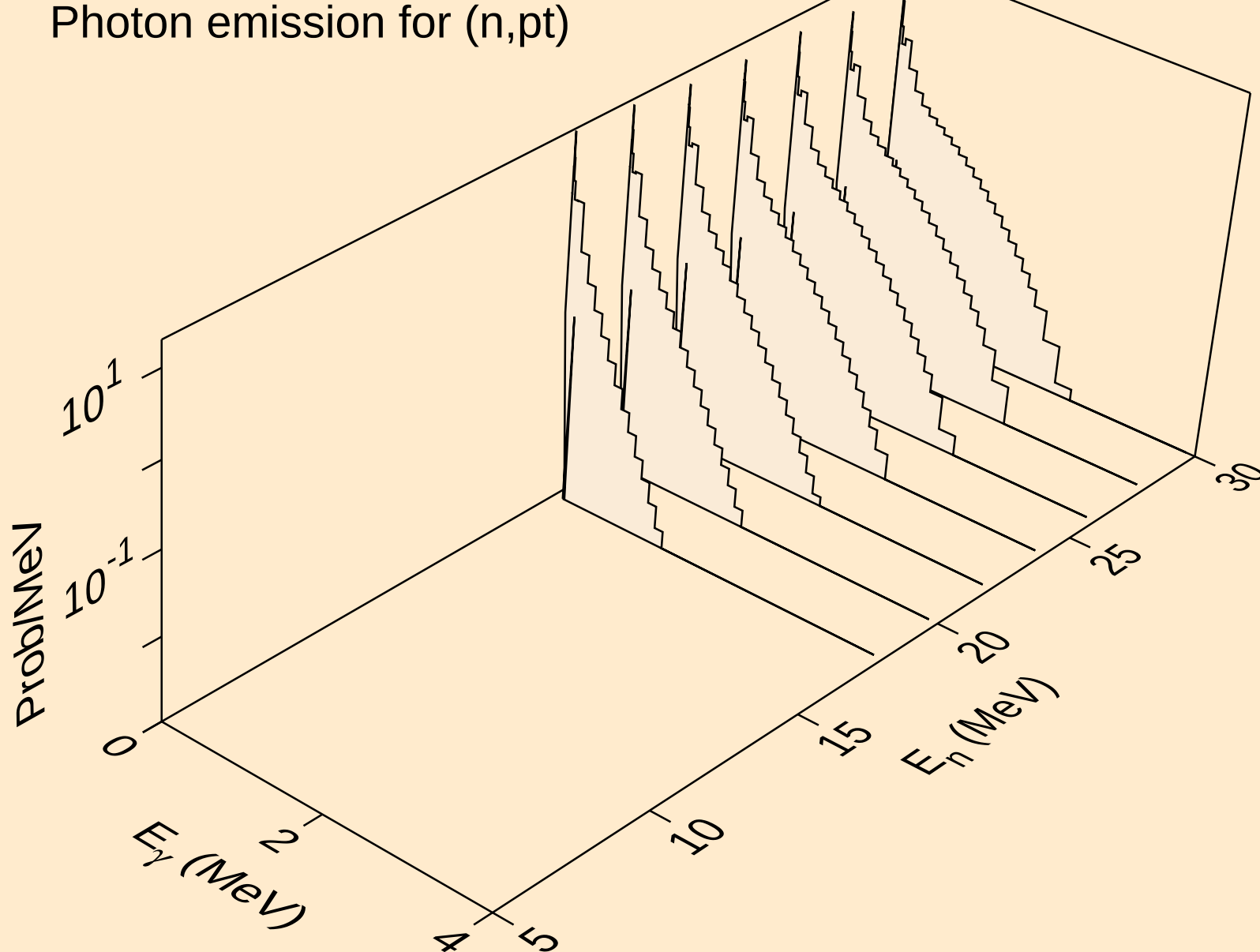
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



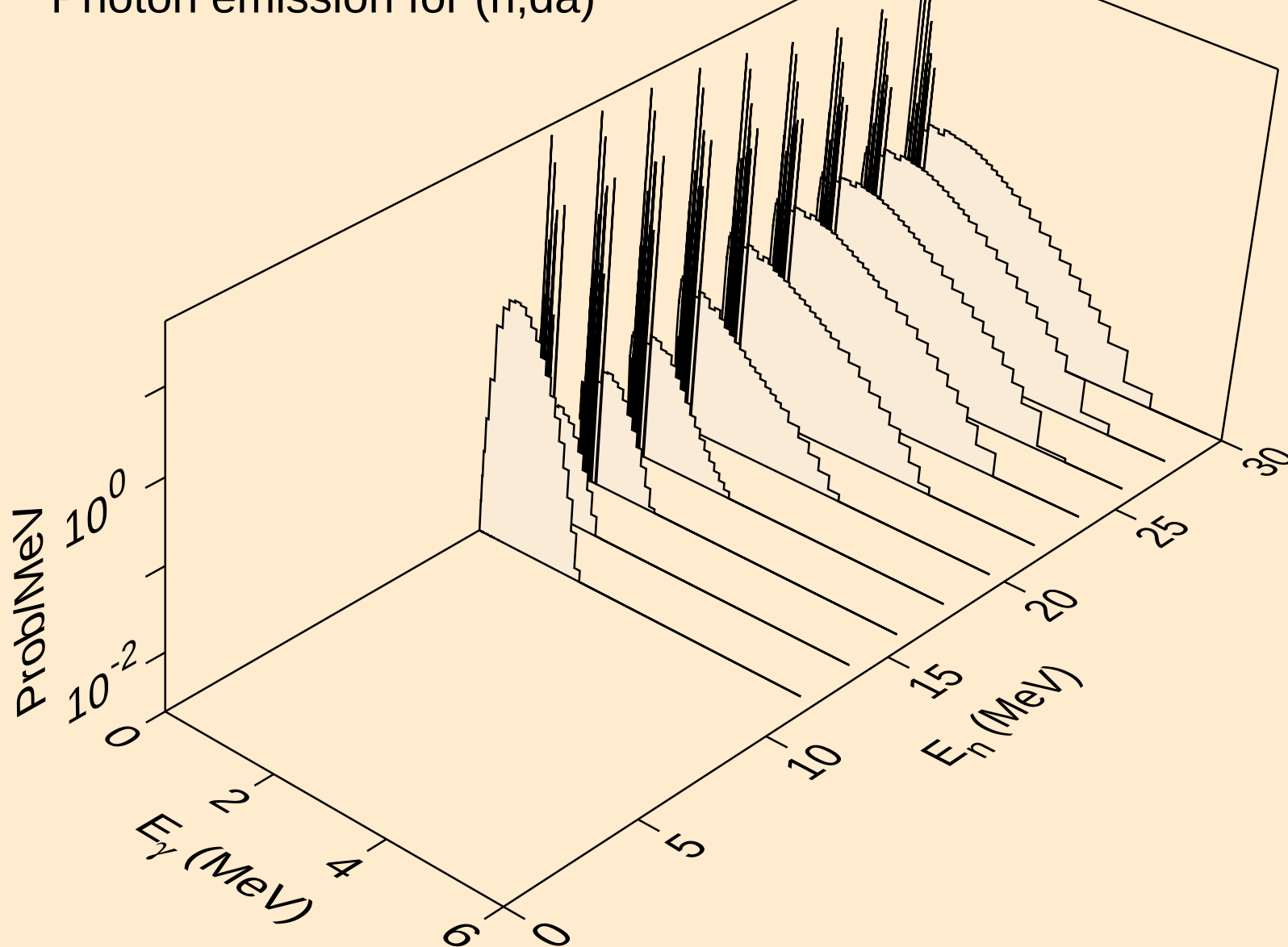
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



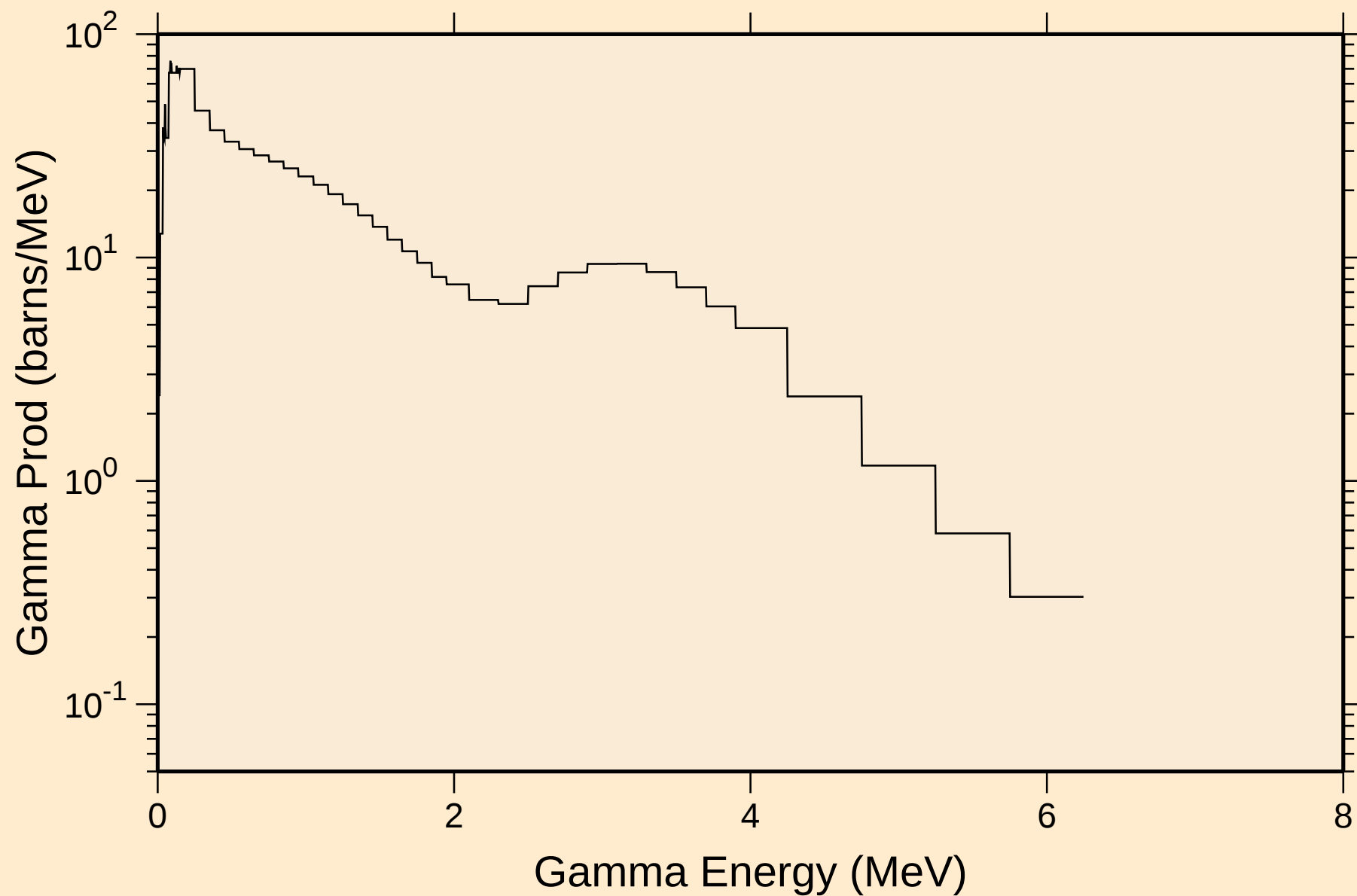
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



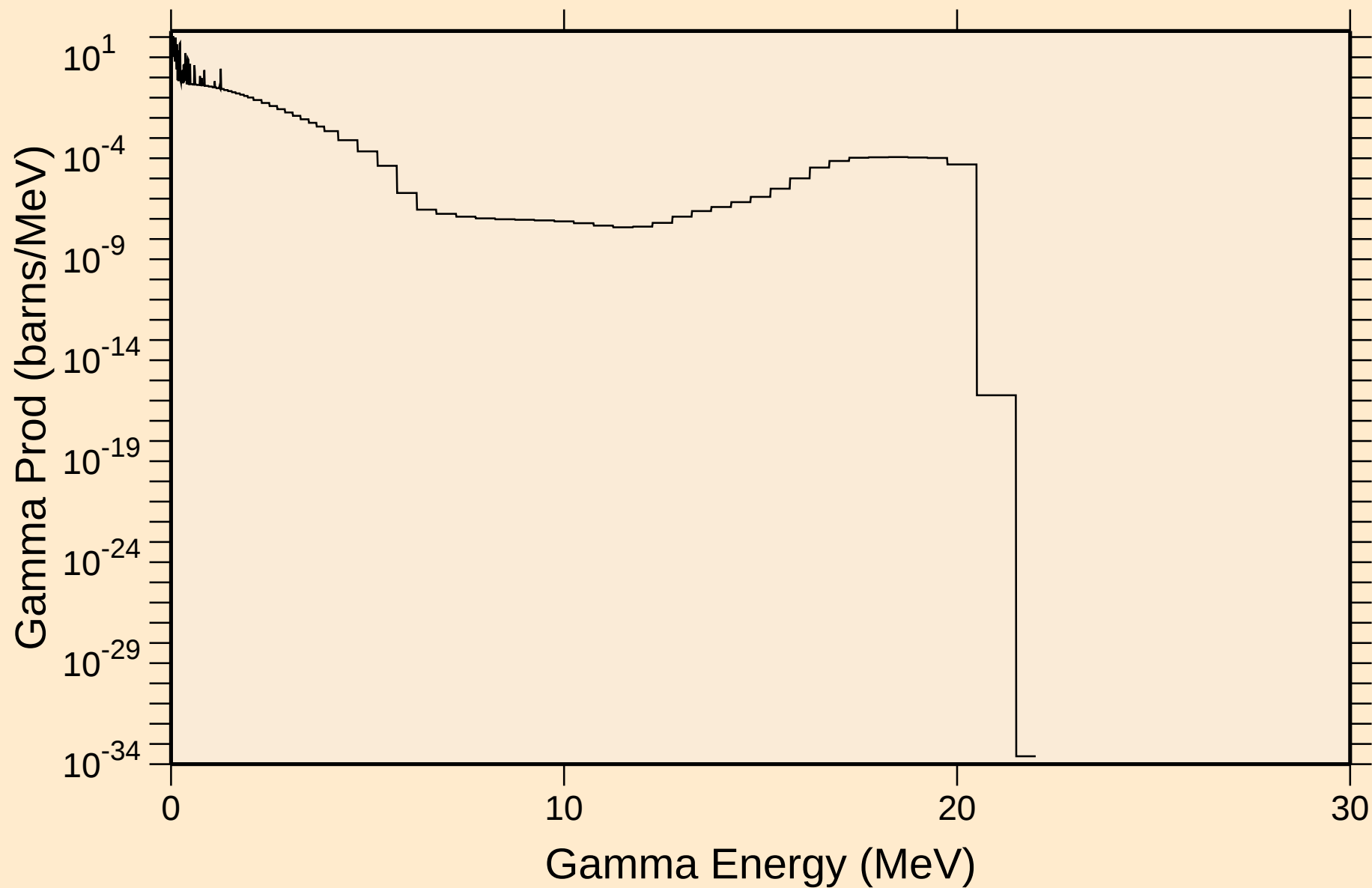
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



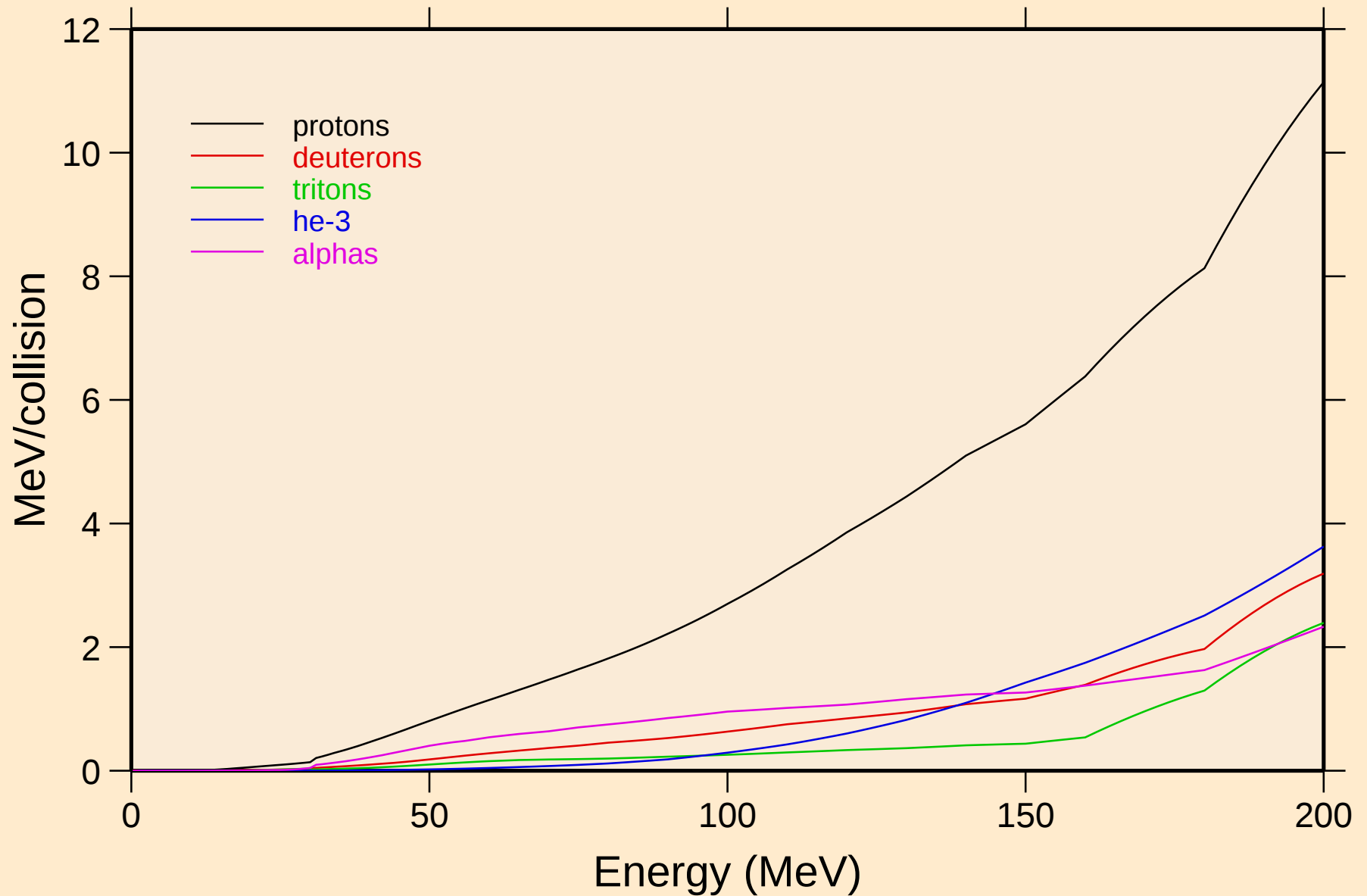
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



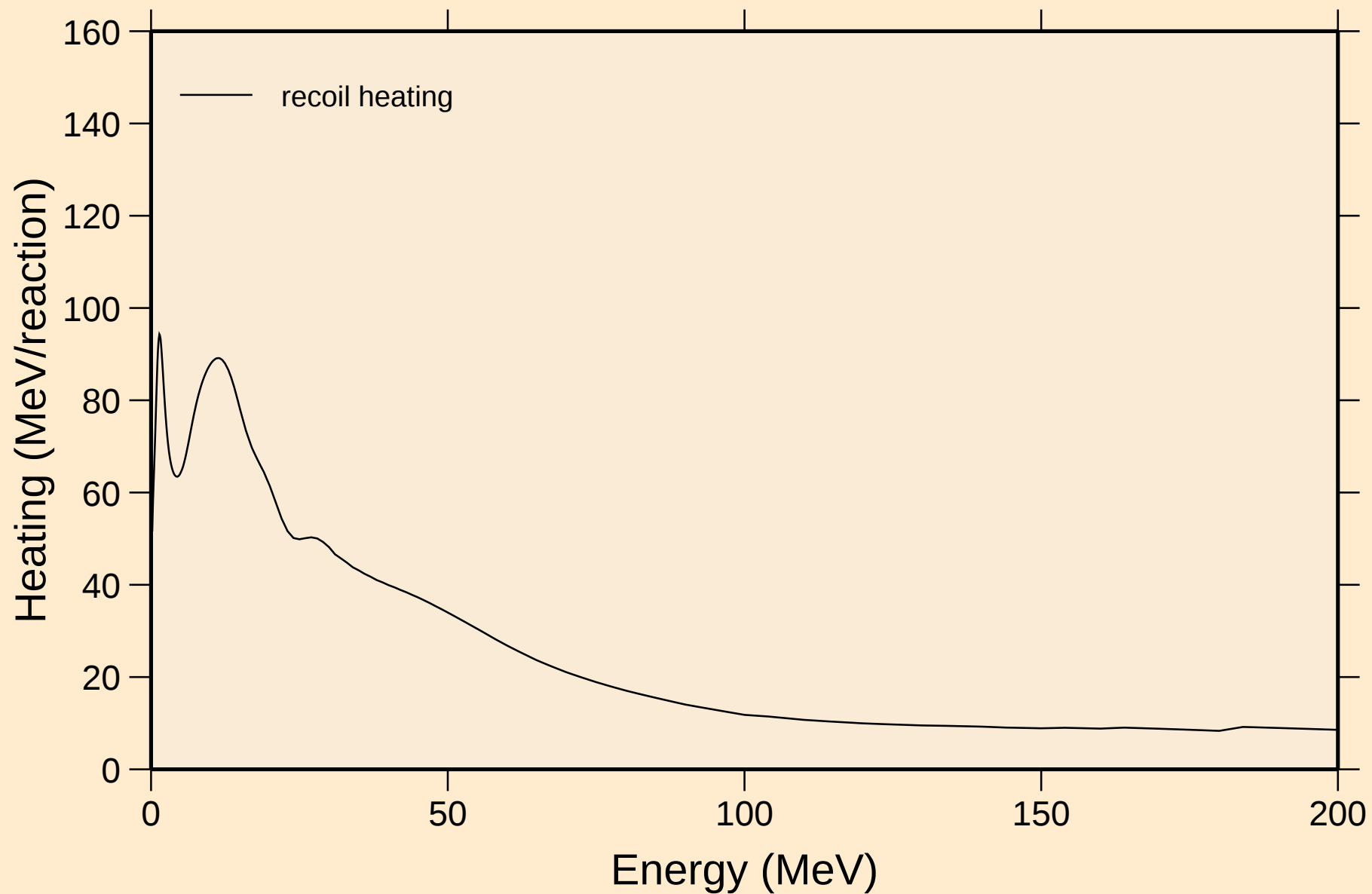
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



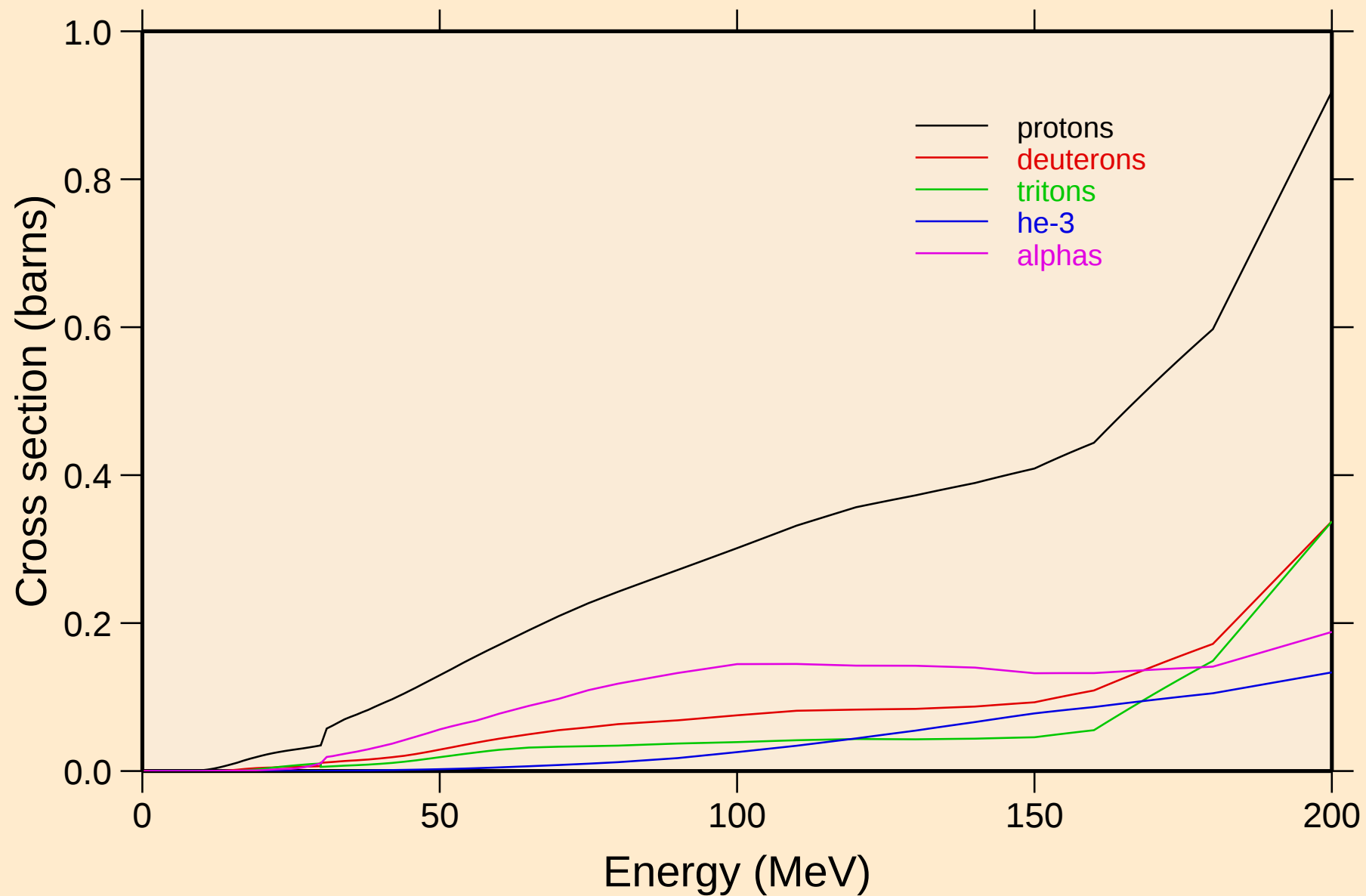
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions



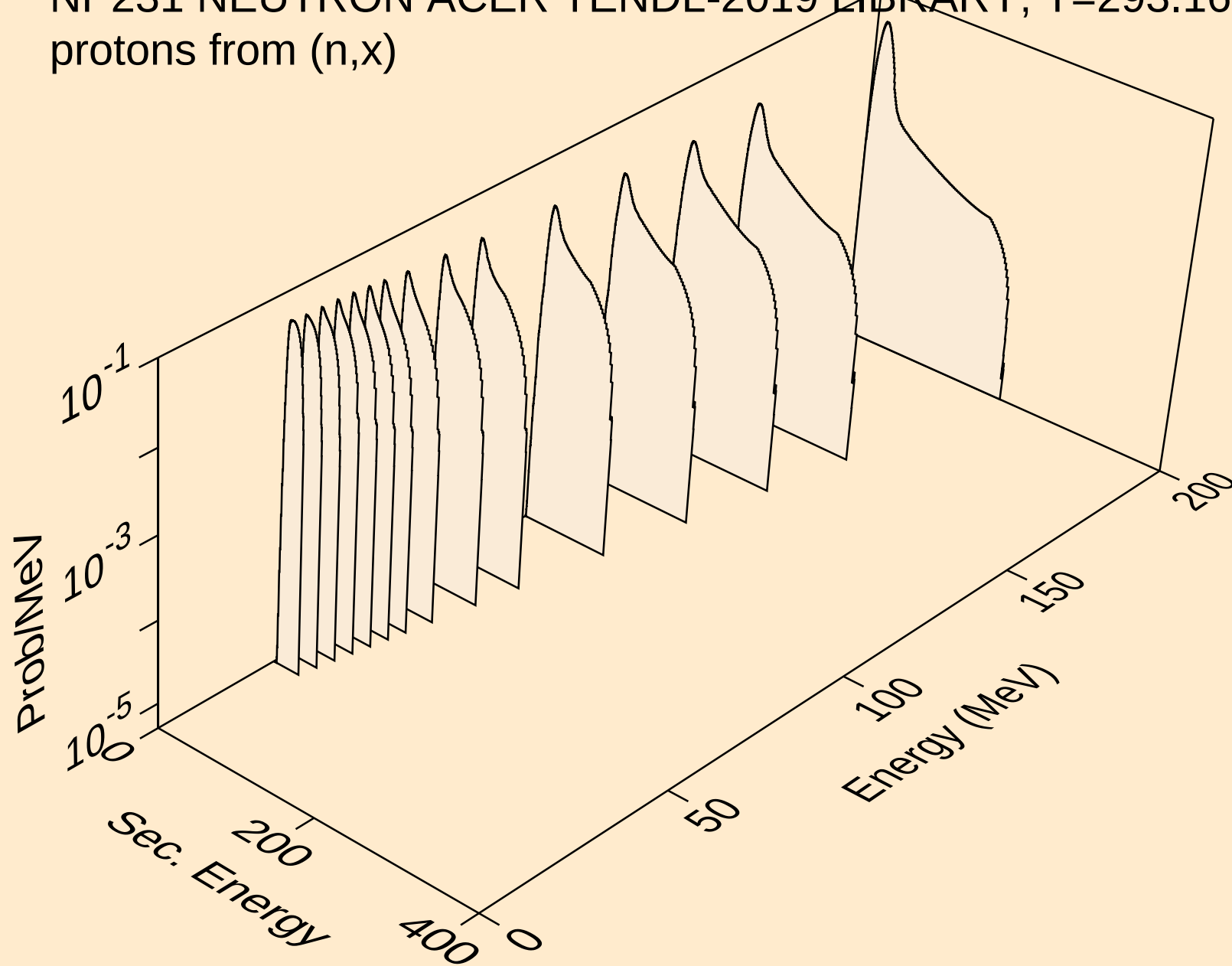
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



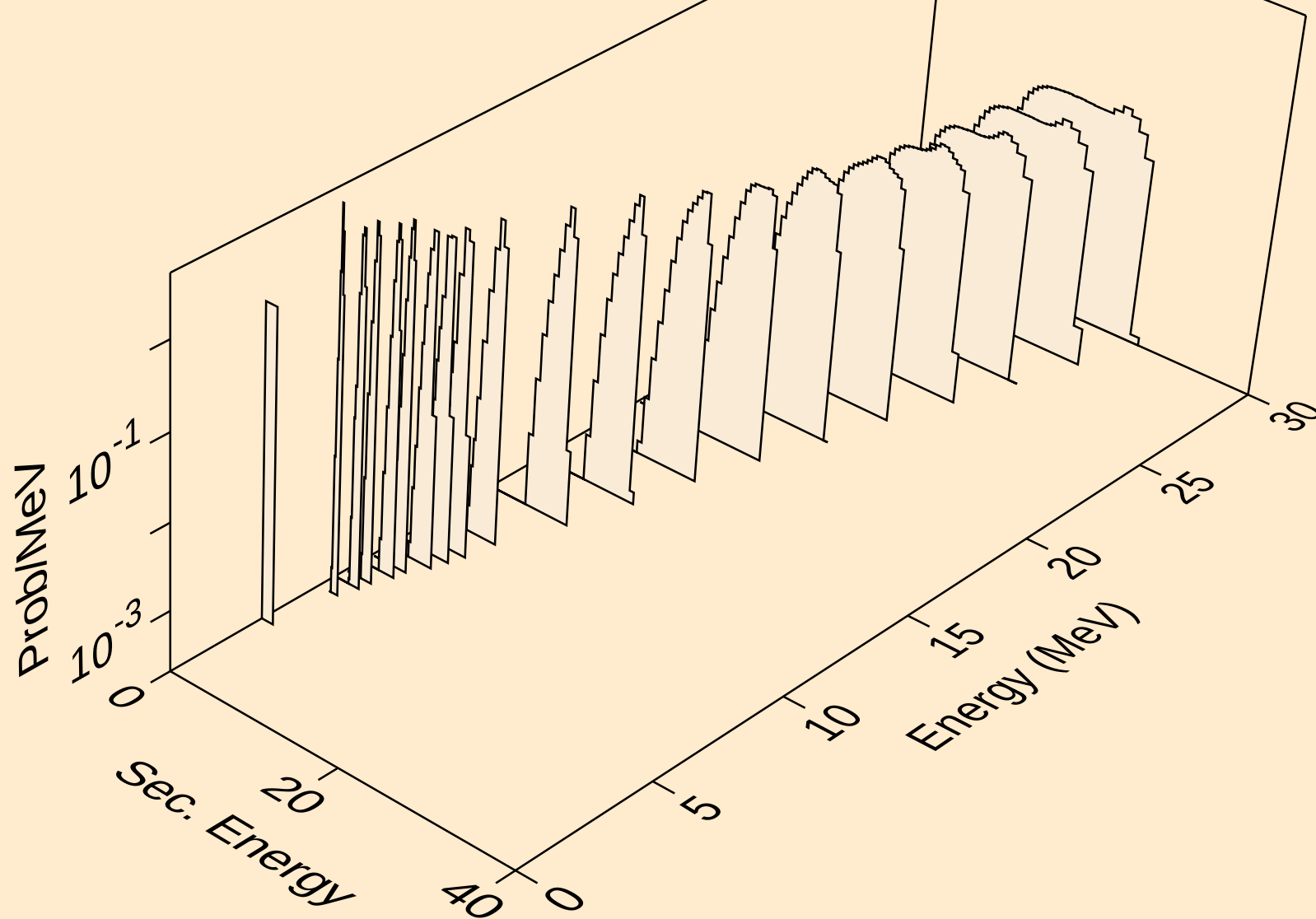
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



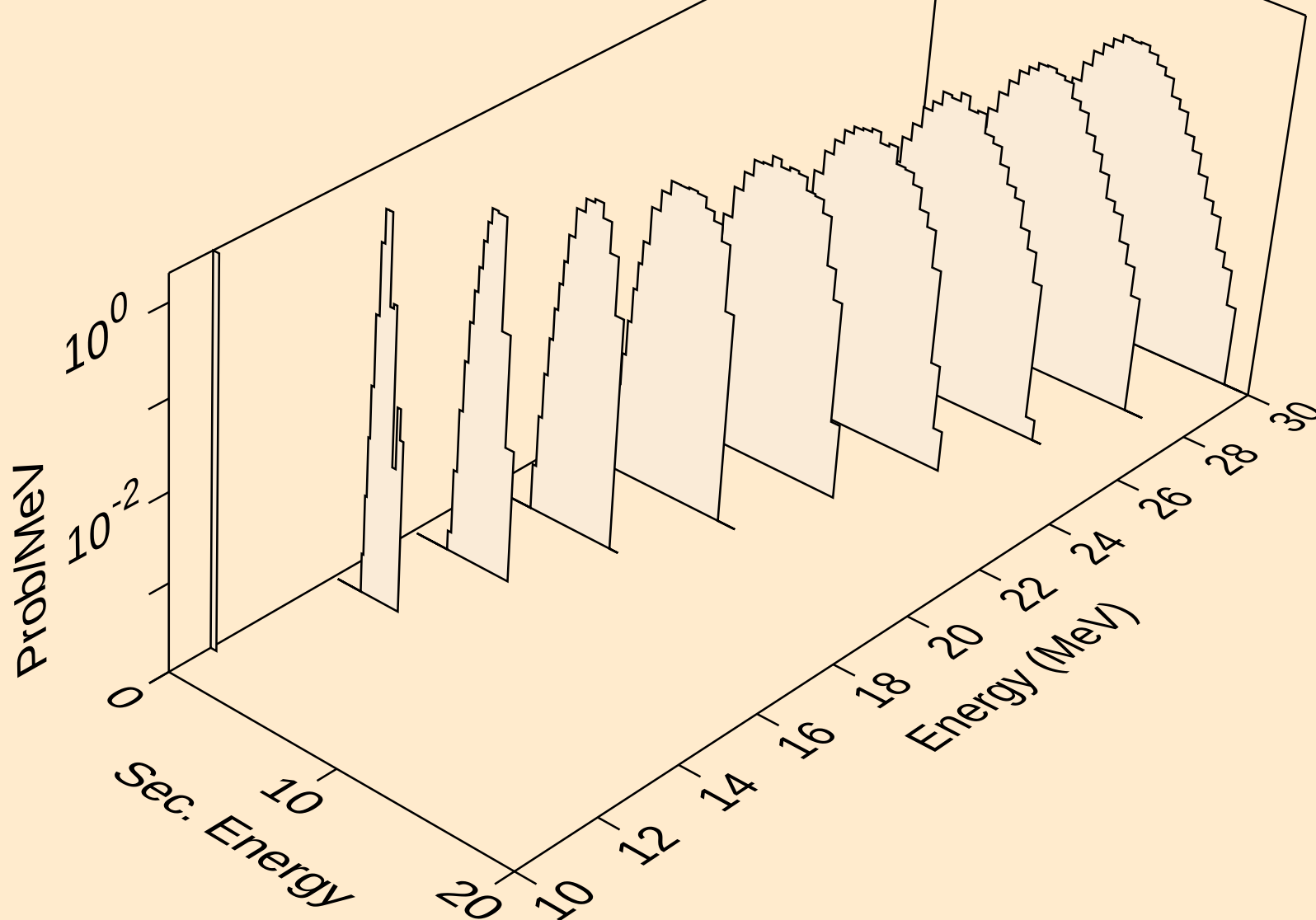
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



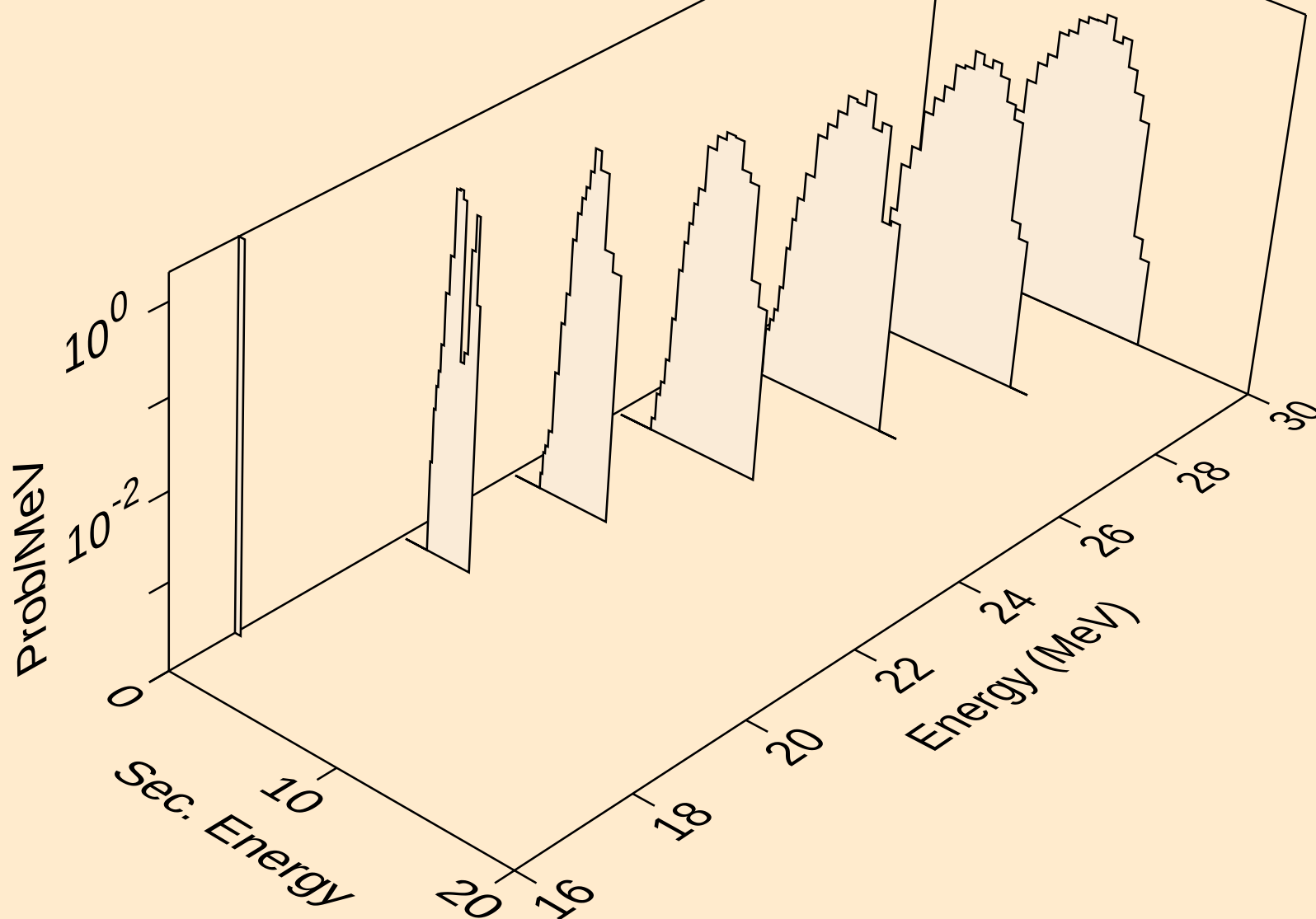
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



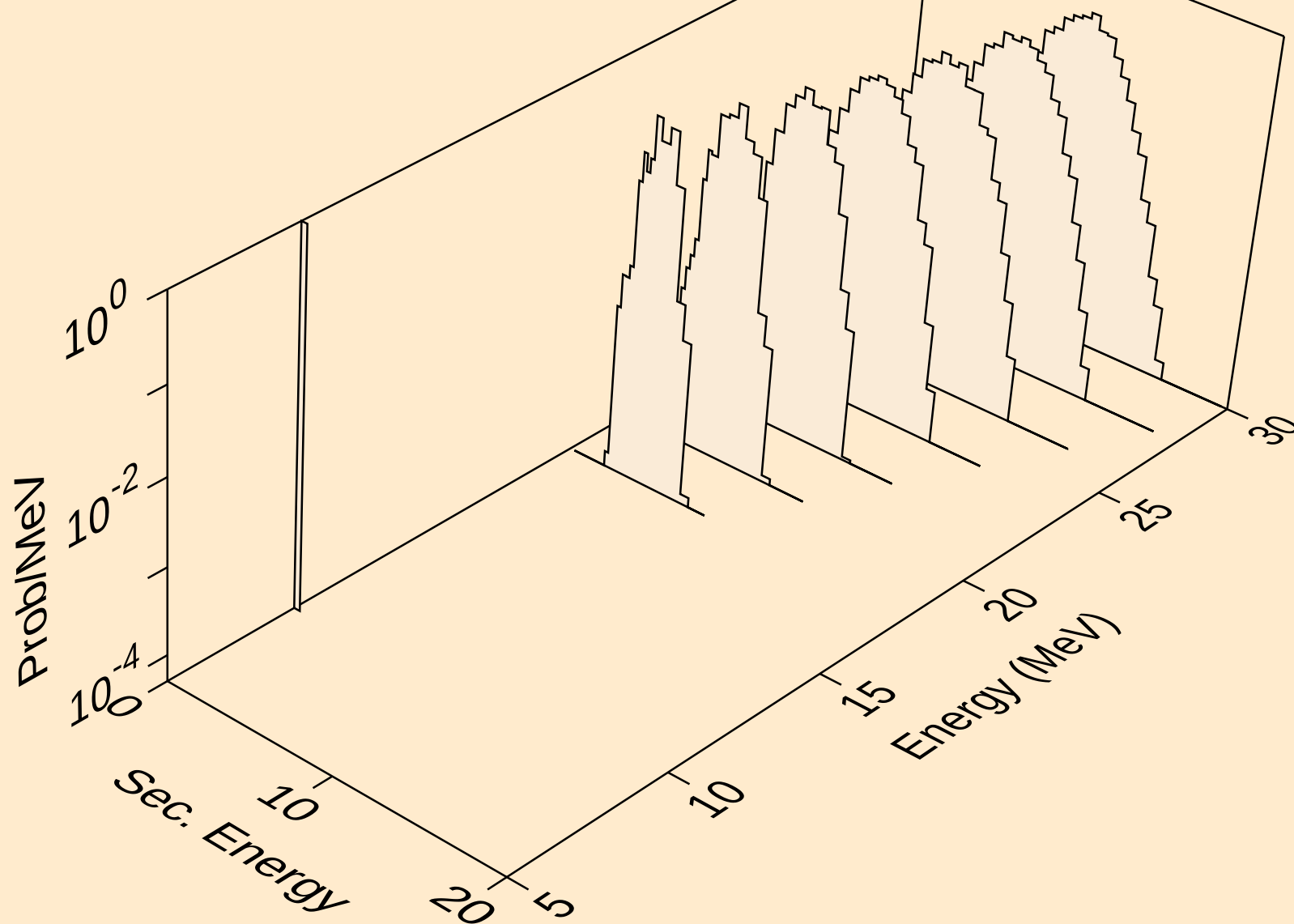
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



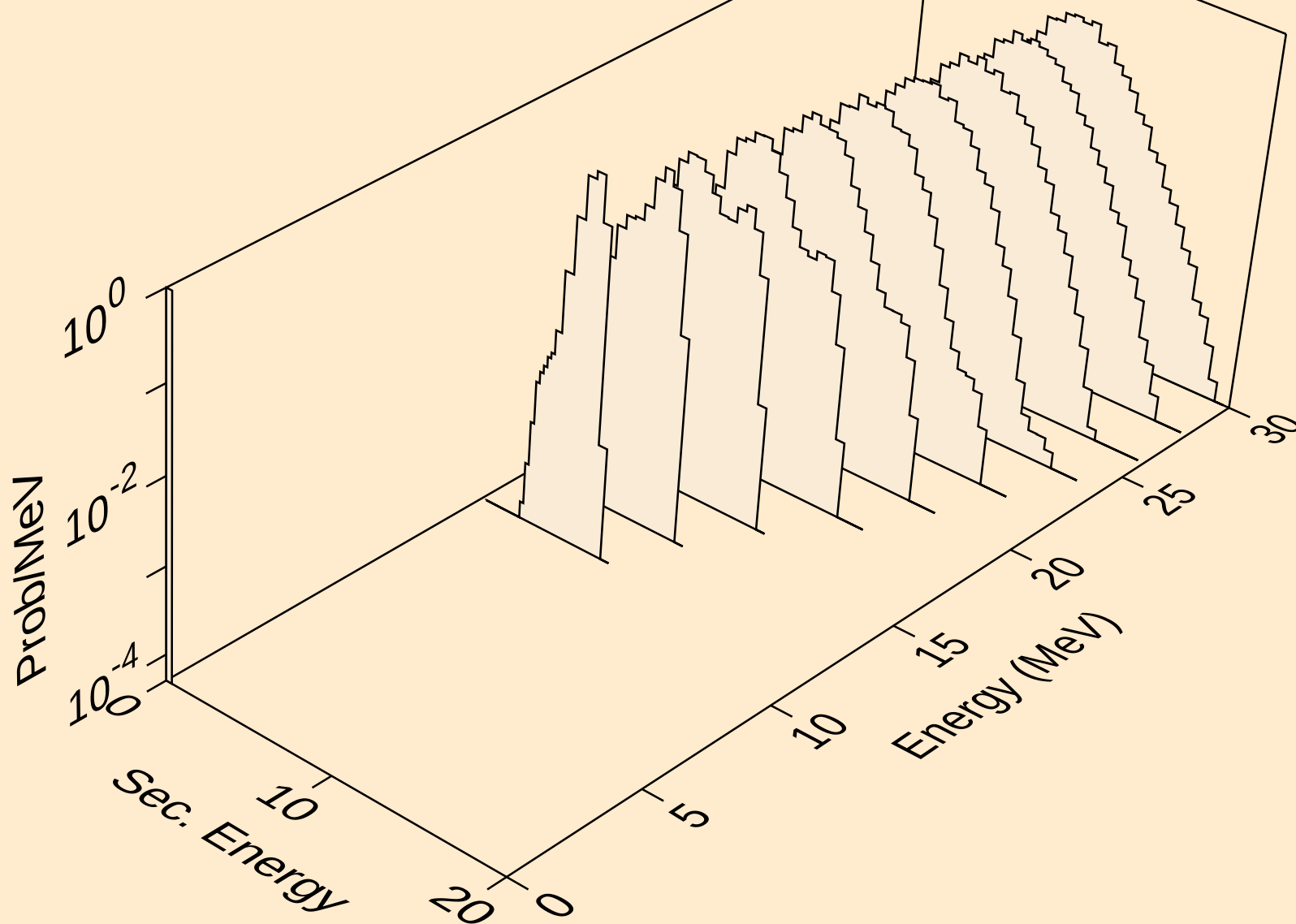
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



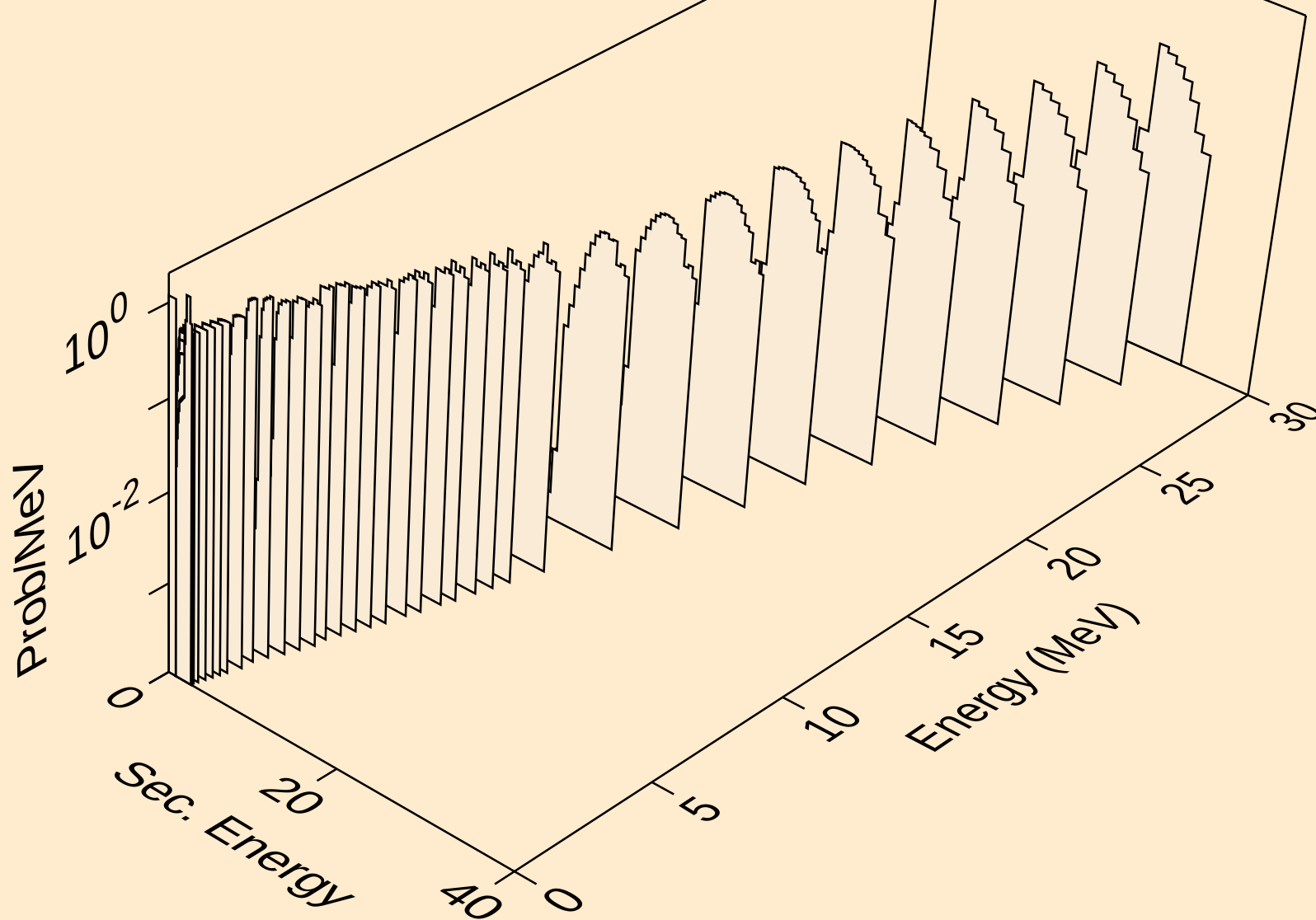
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



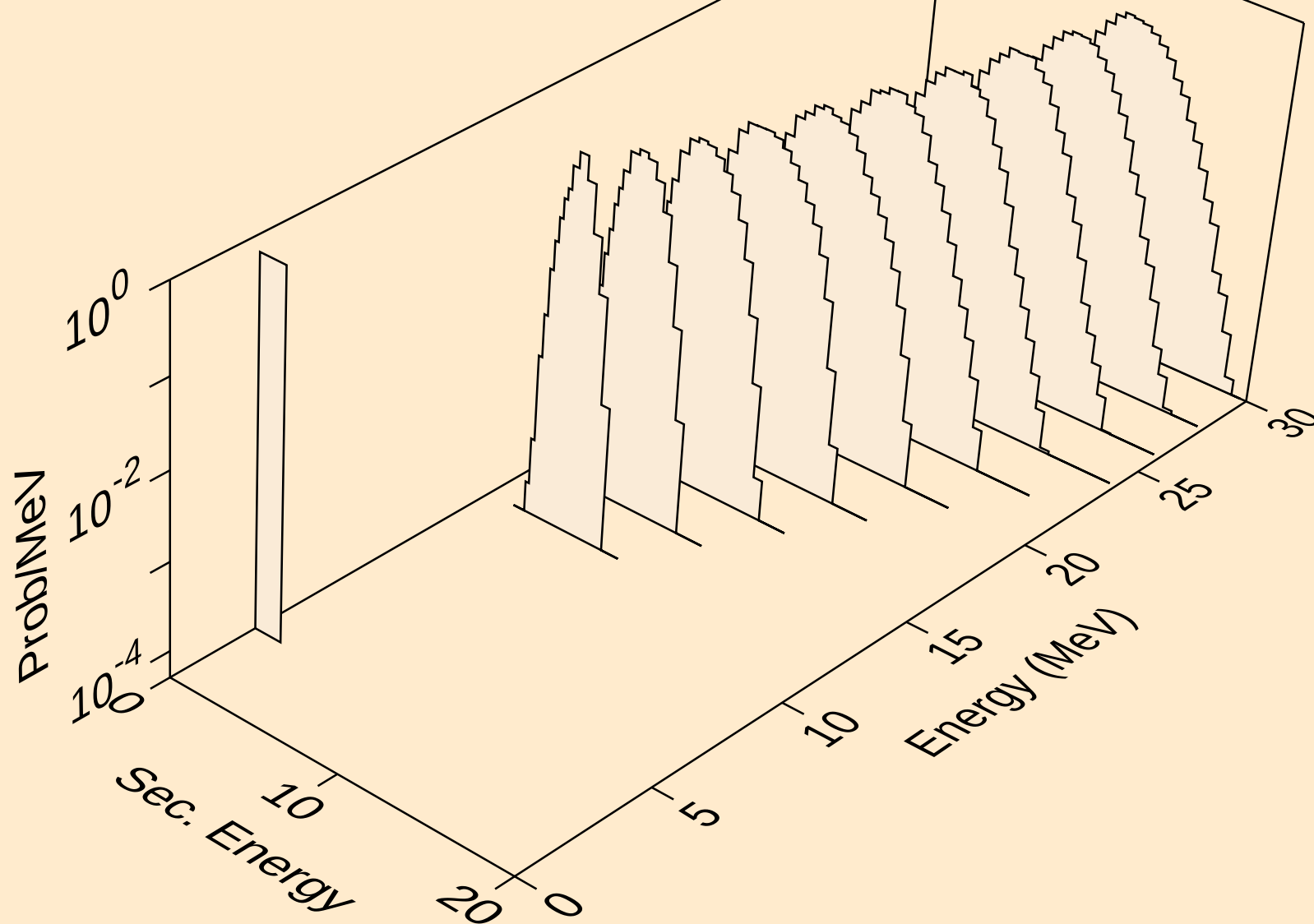
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protons from (n,npa)



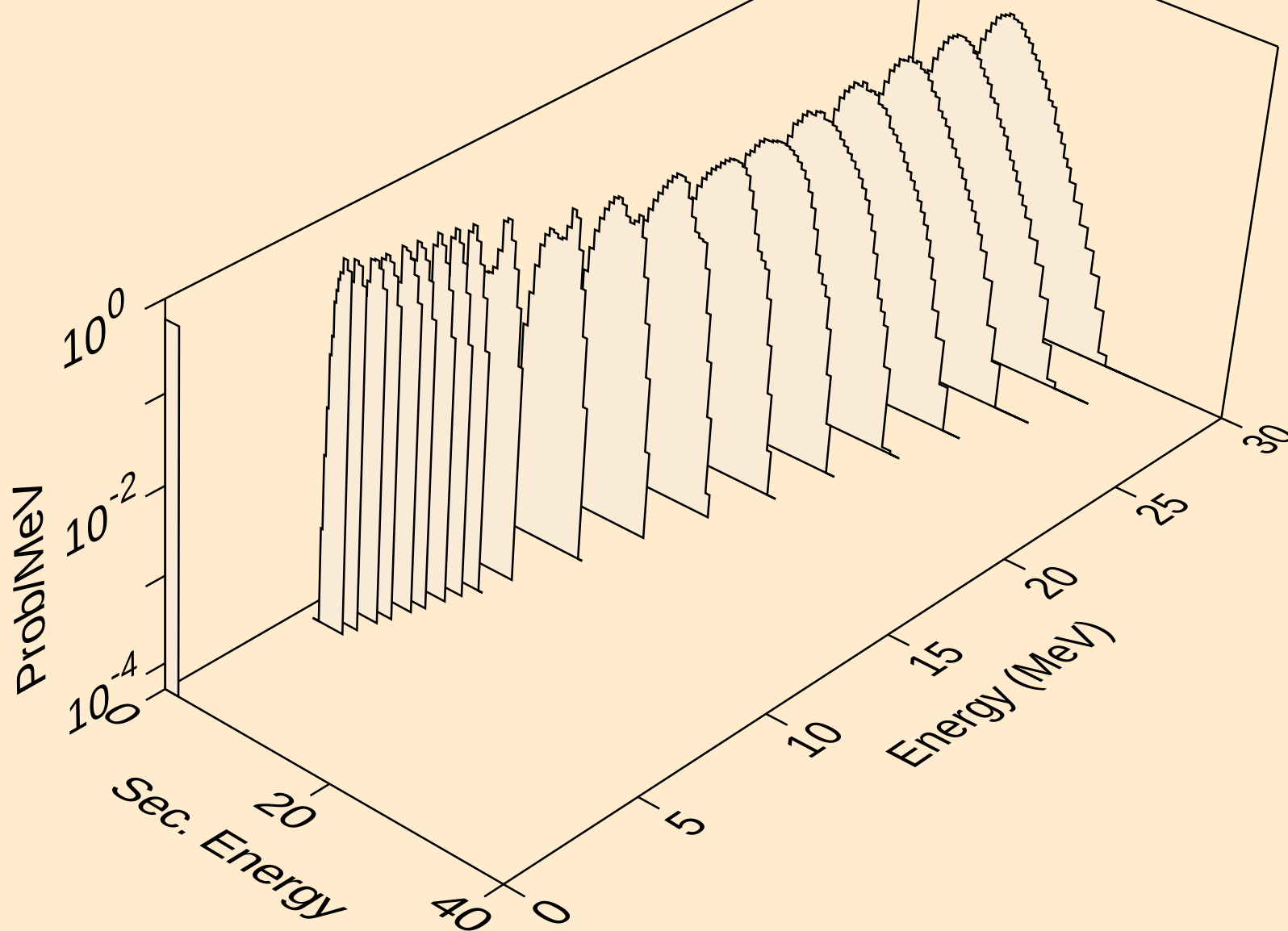
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protons from (n,p)



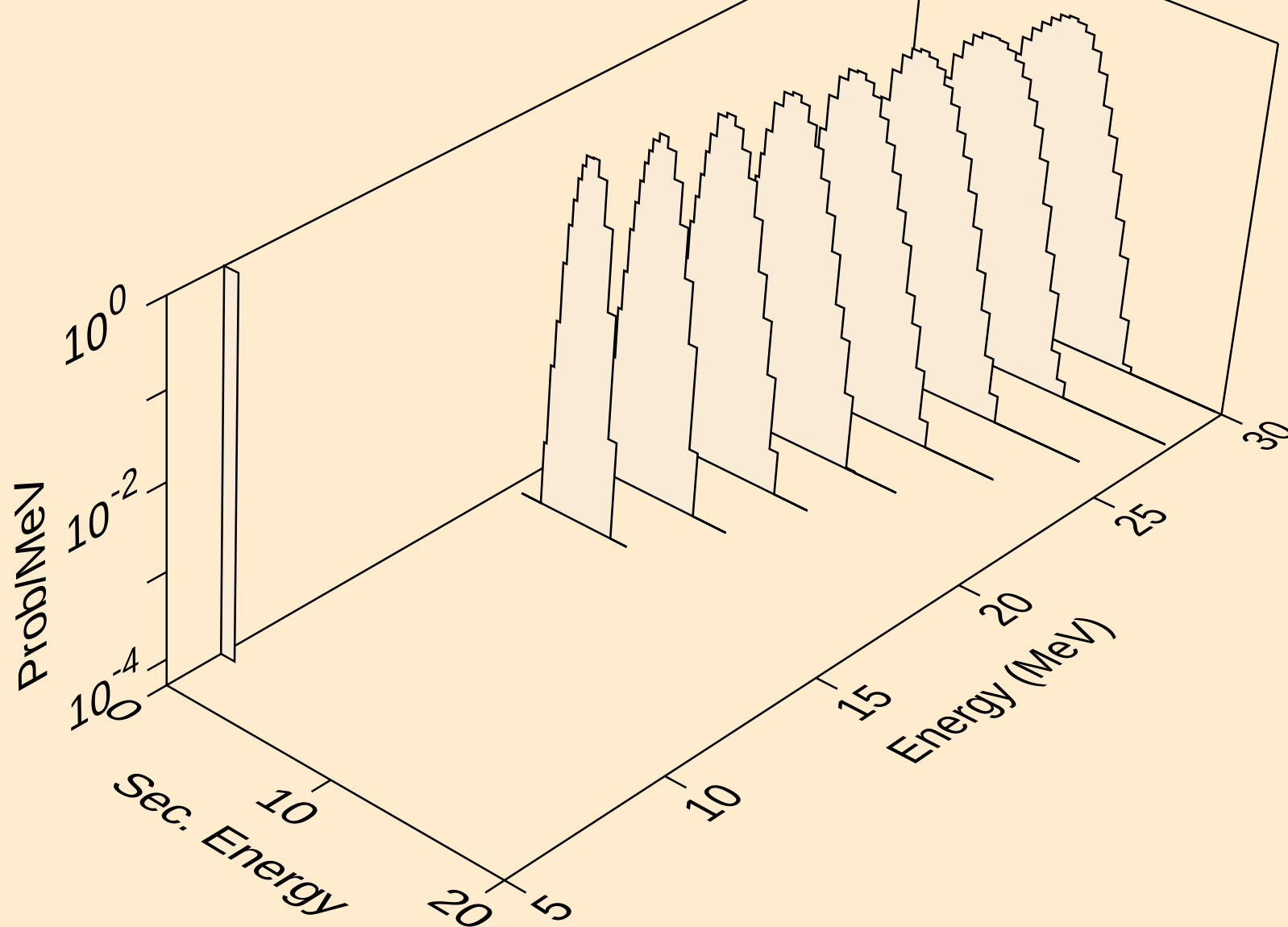
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protons from (n,2p)



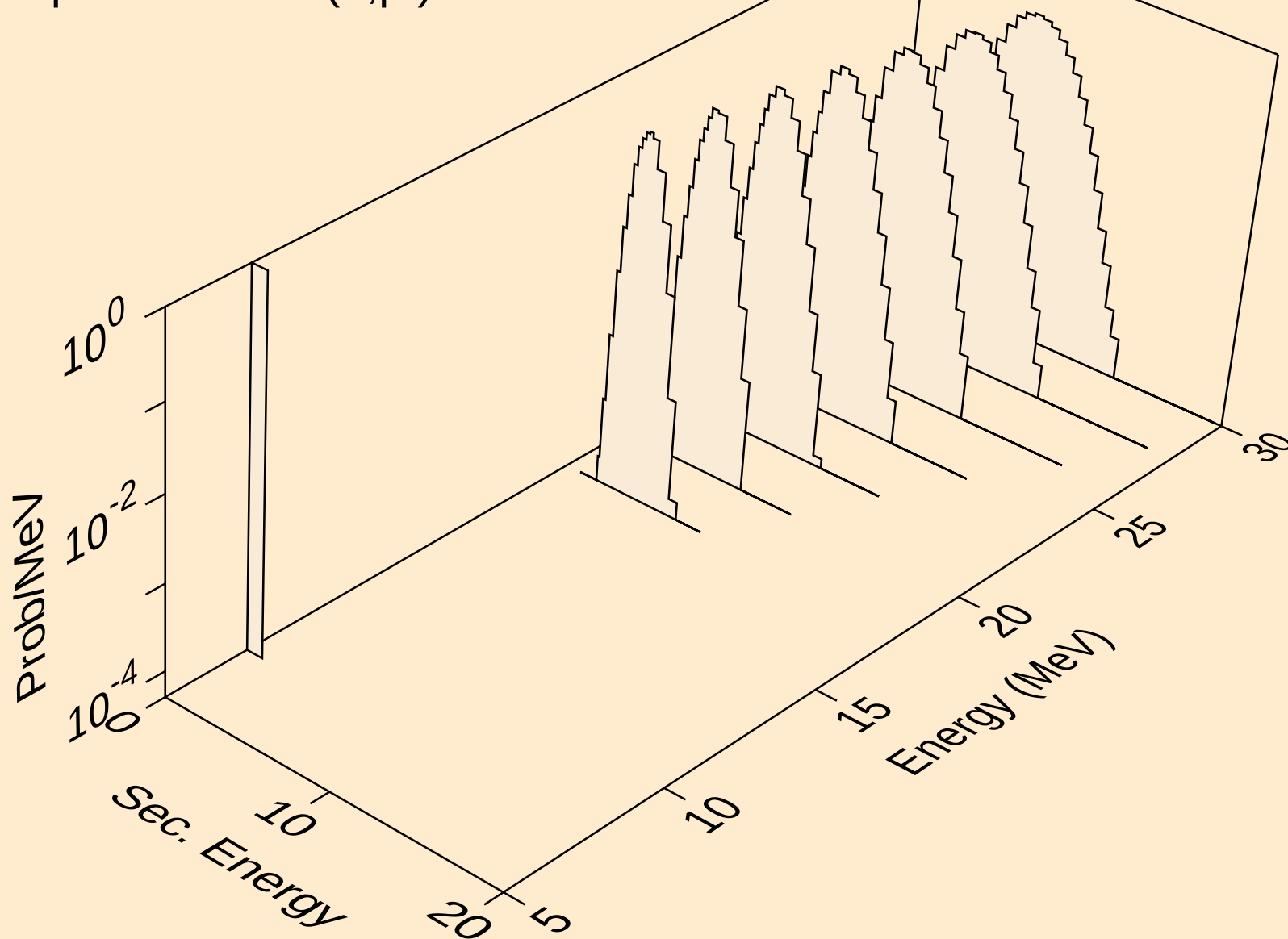
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protons from (n,p)



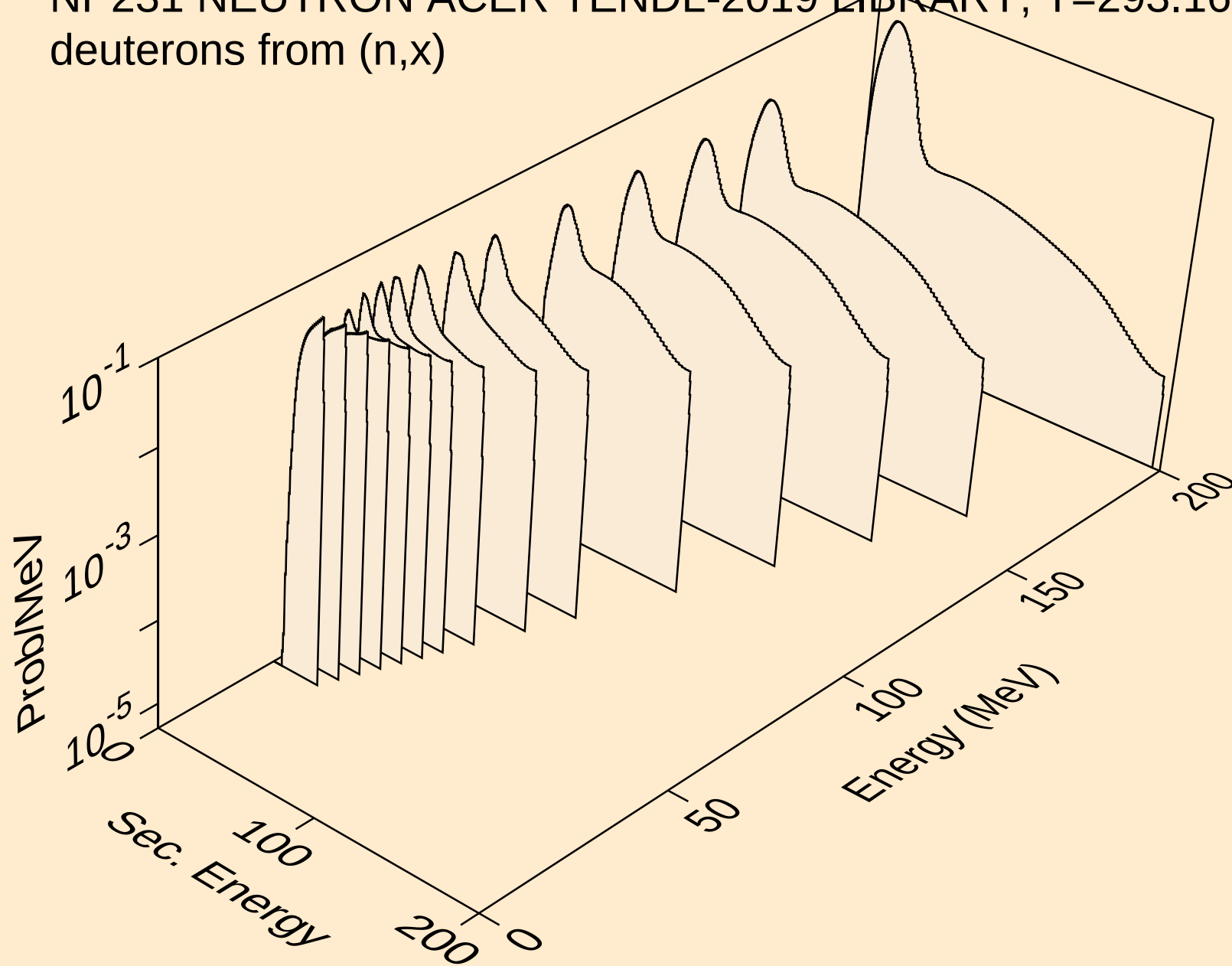
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protons from (n,pd)



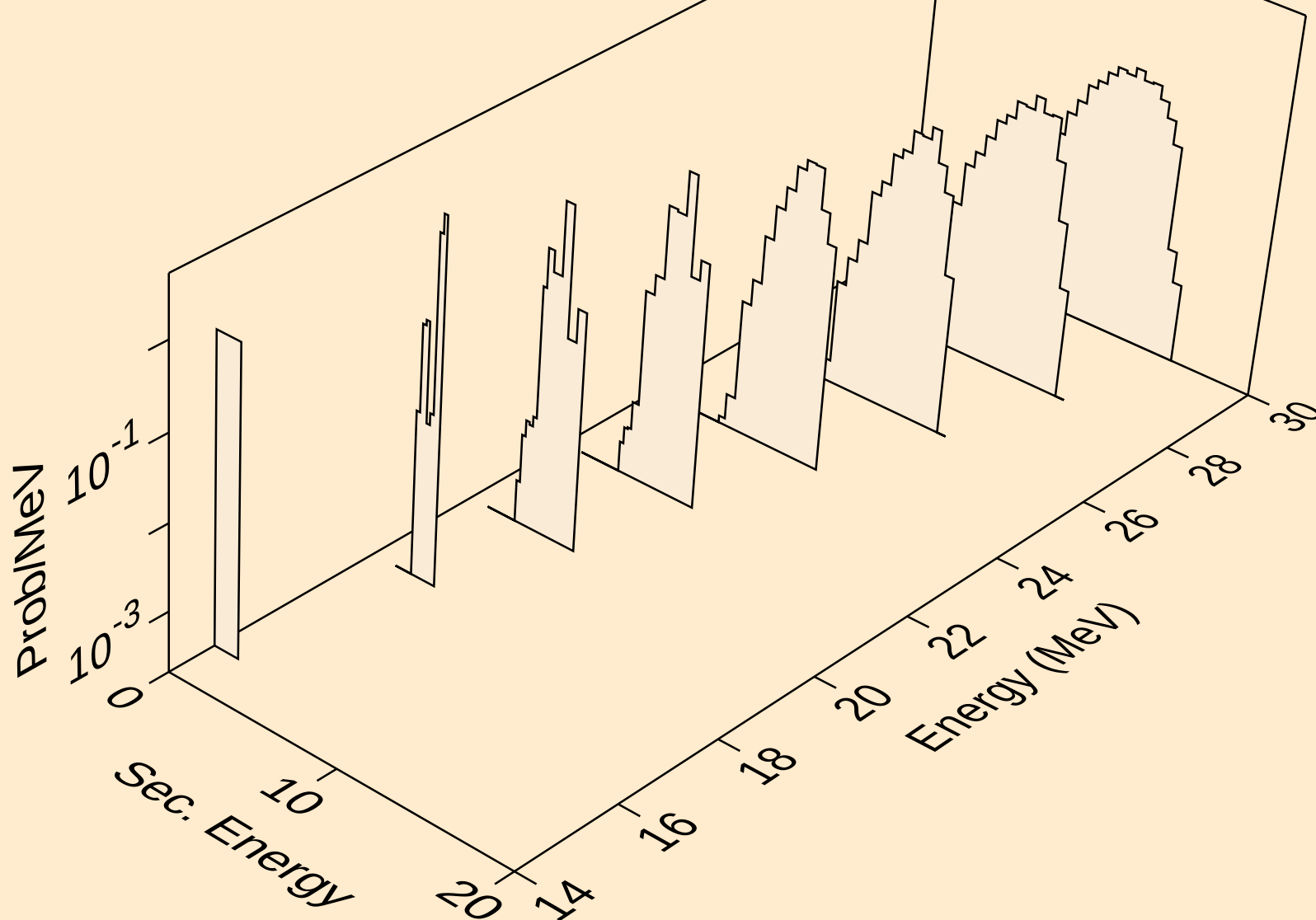
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protons from (n,pt)



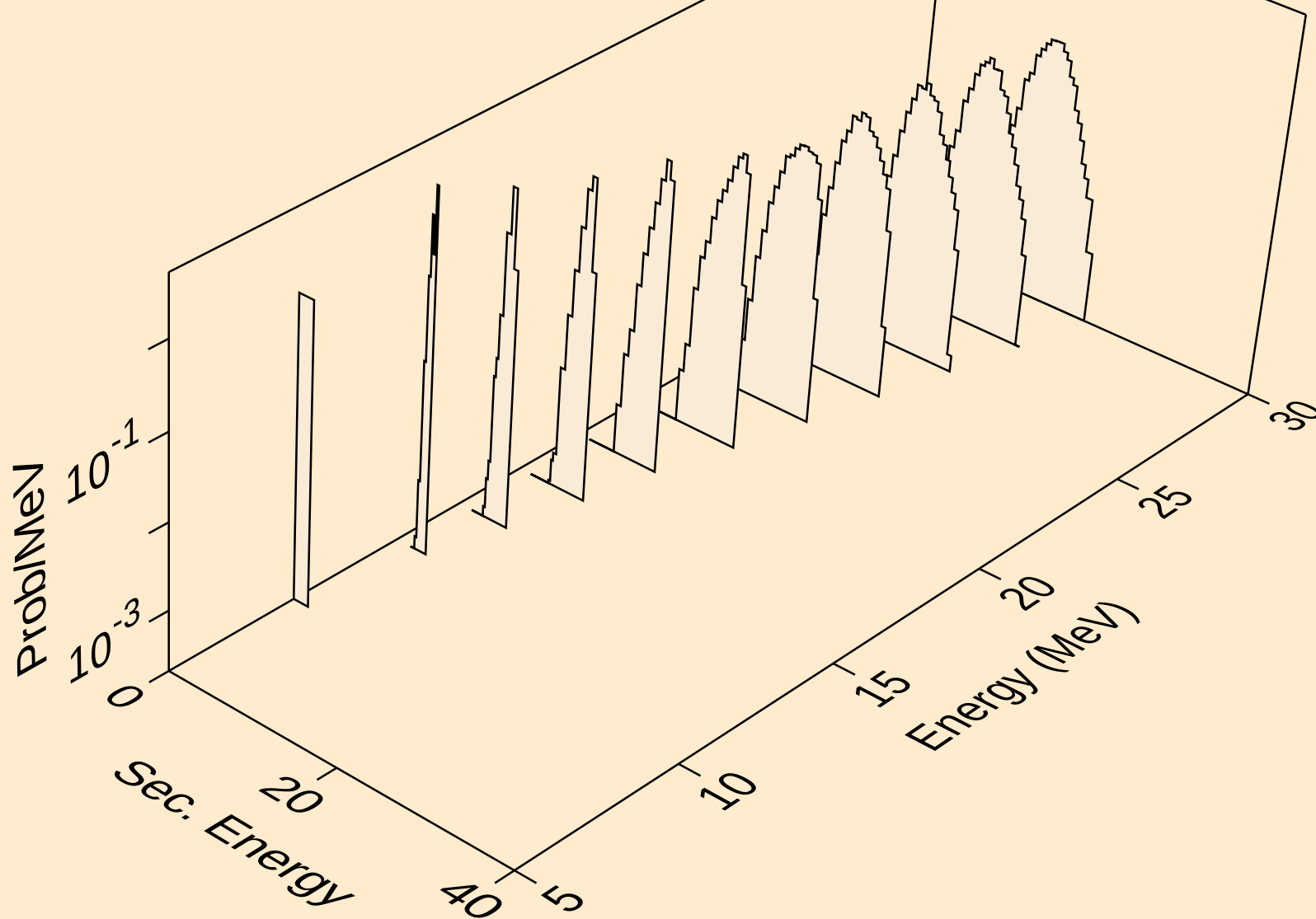
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



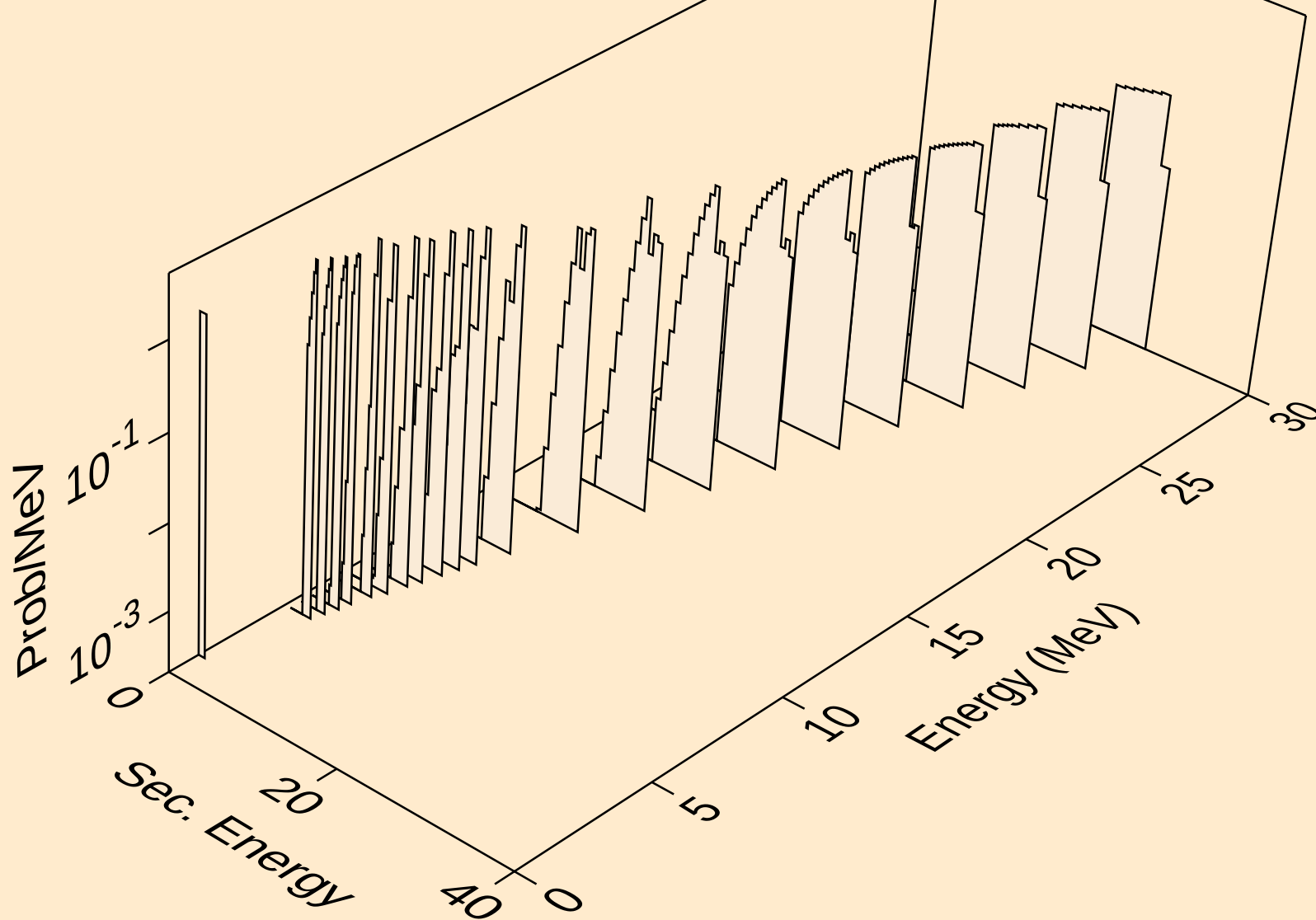
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deuterons from (n,2nd)



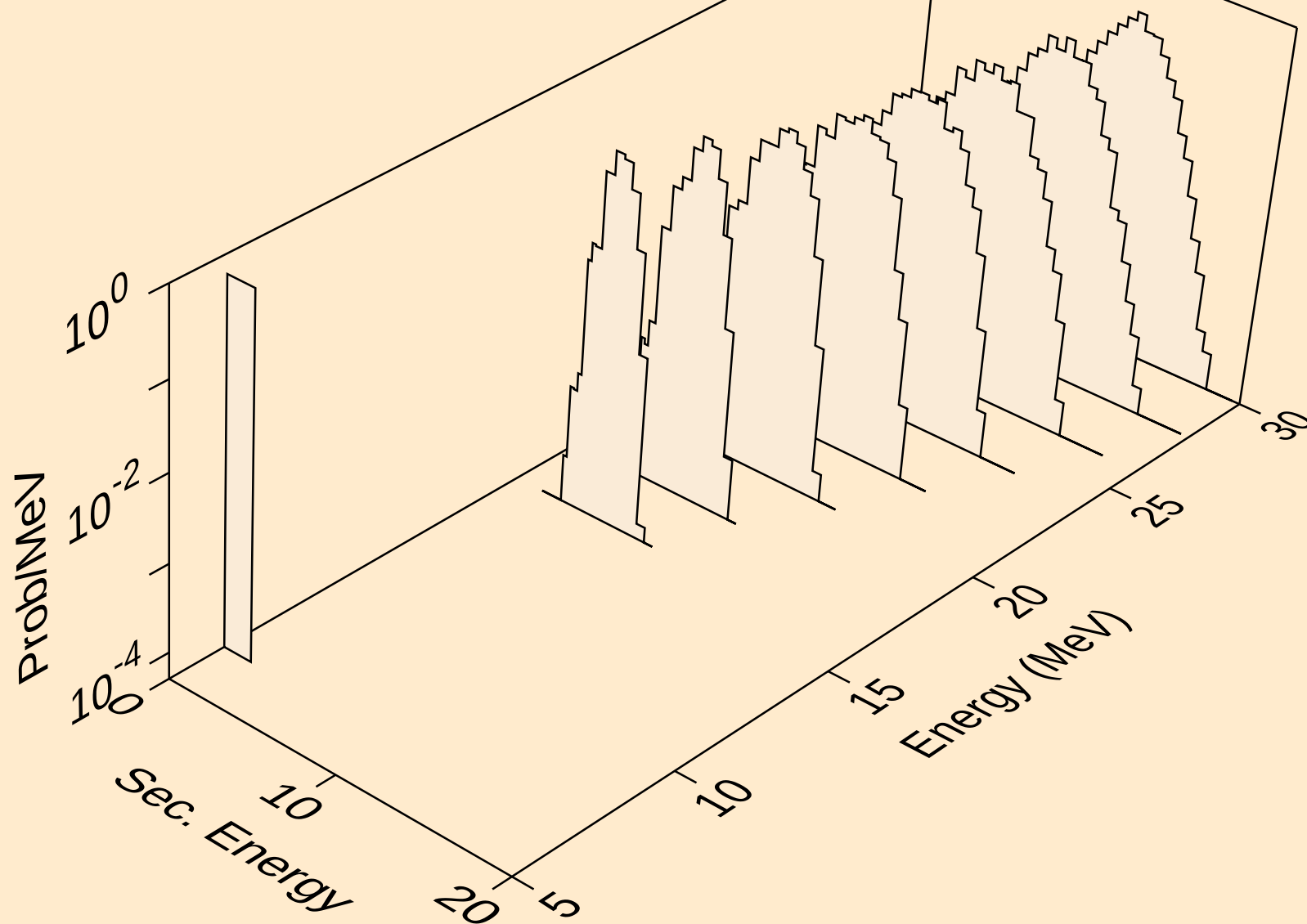
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



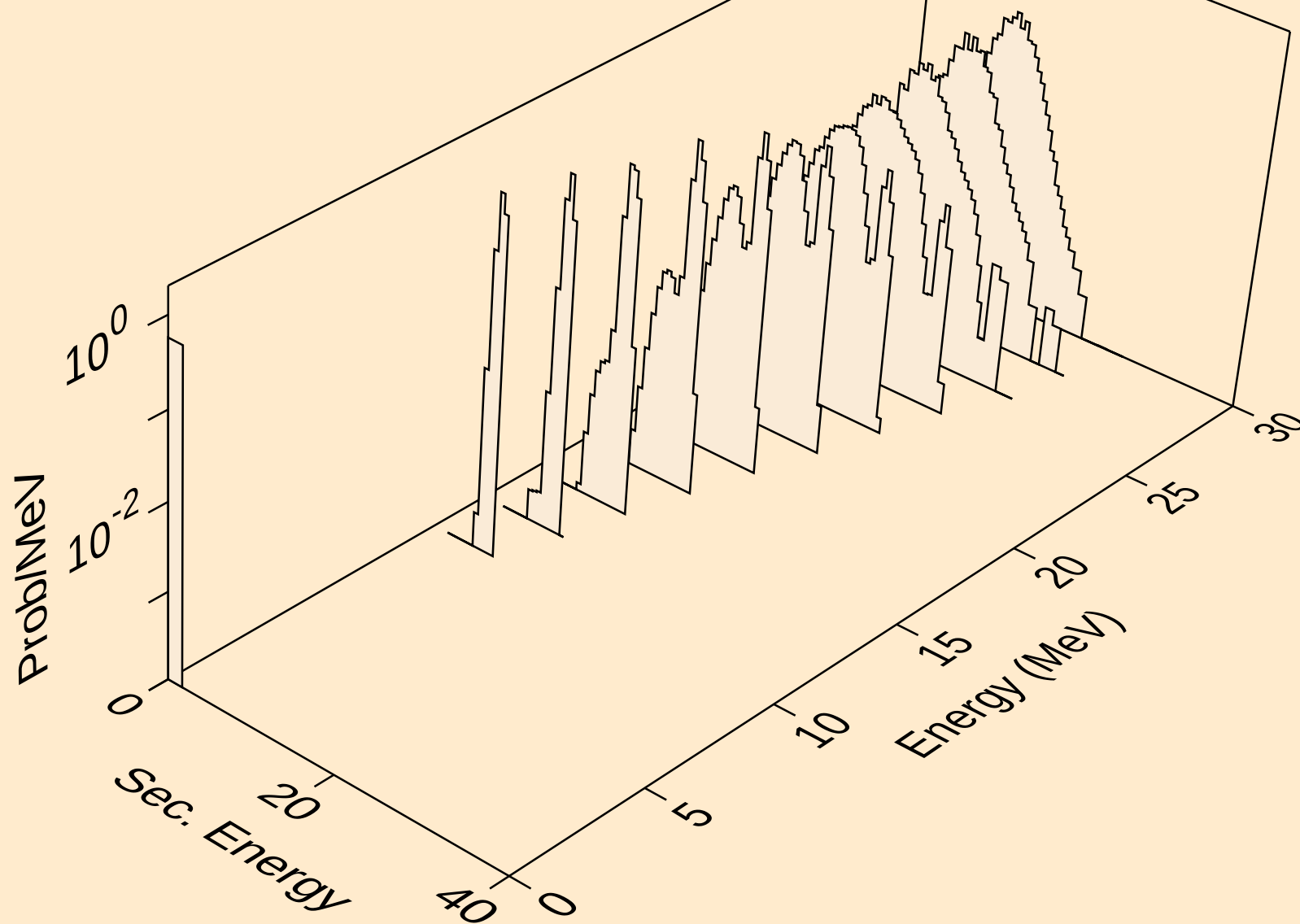
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deuterons from (n,d)



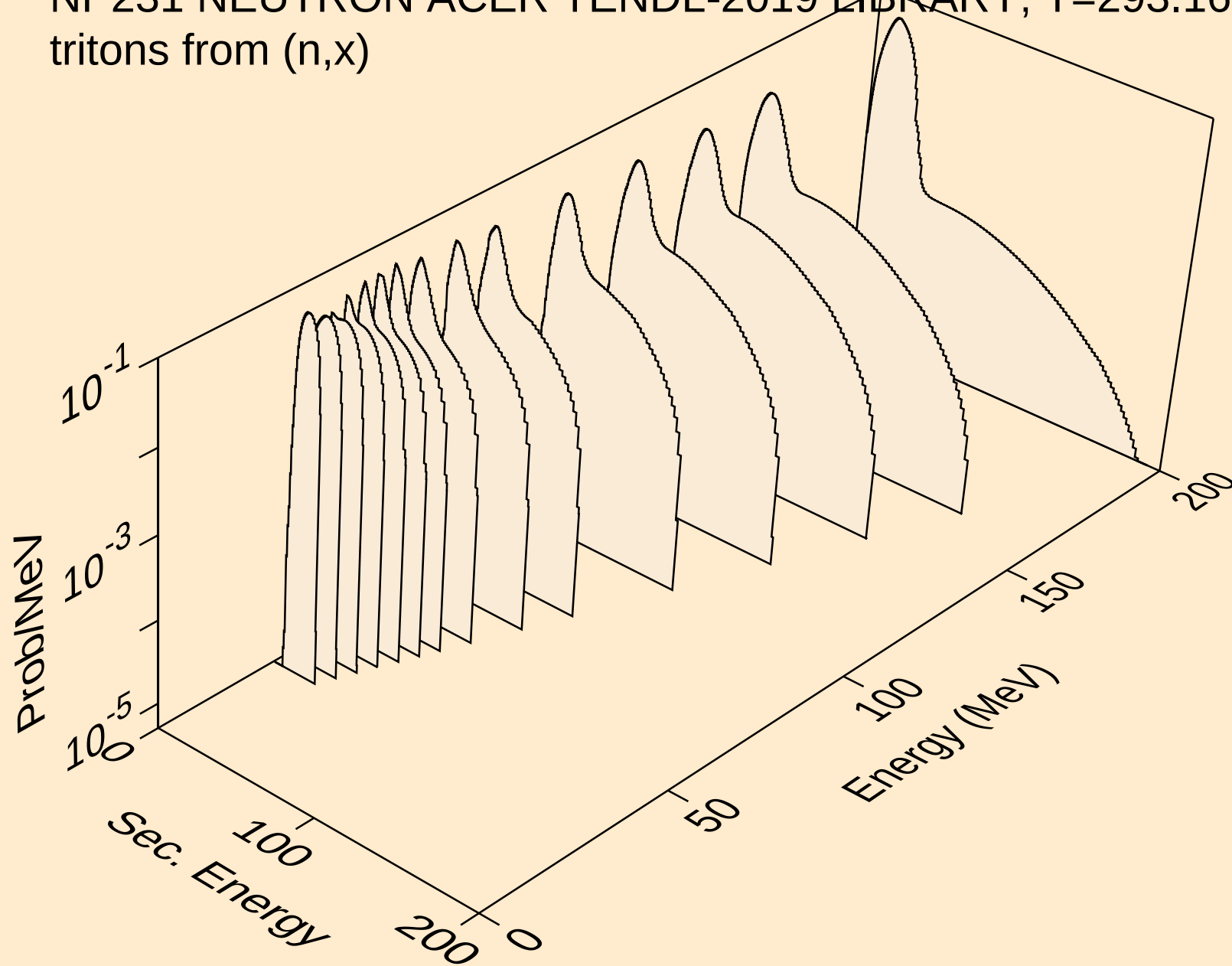
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deuterons from (n,pd)



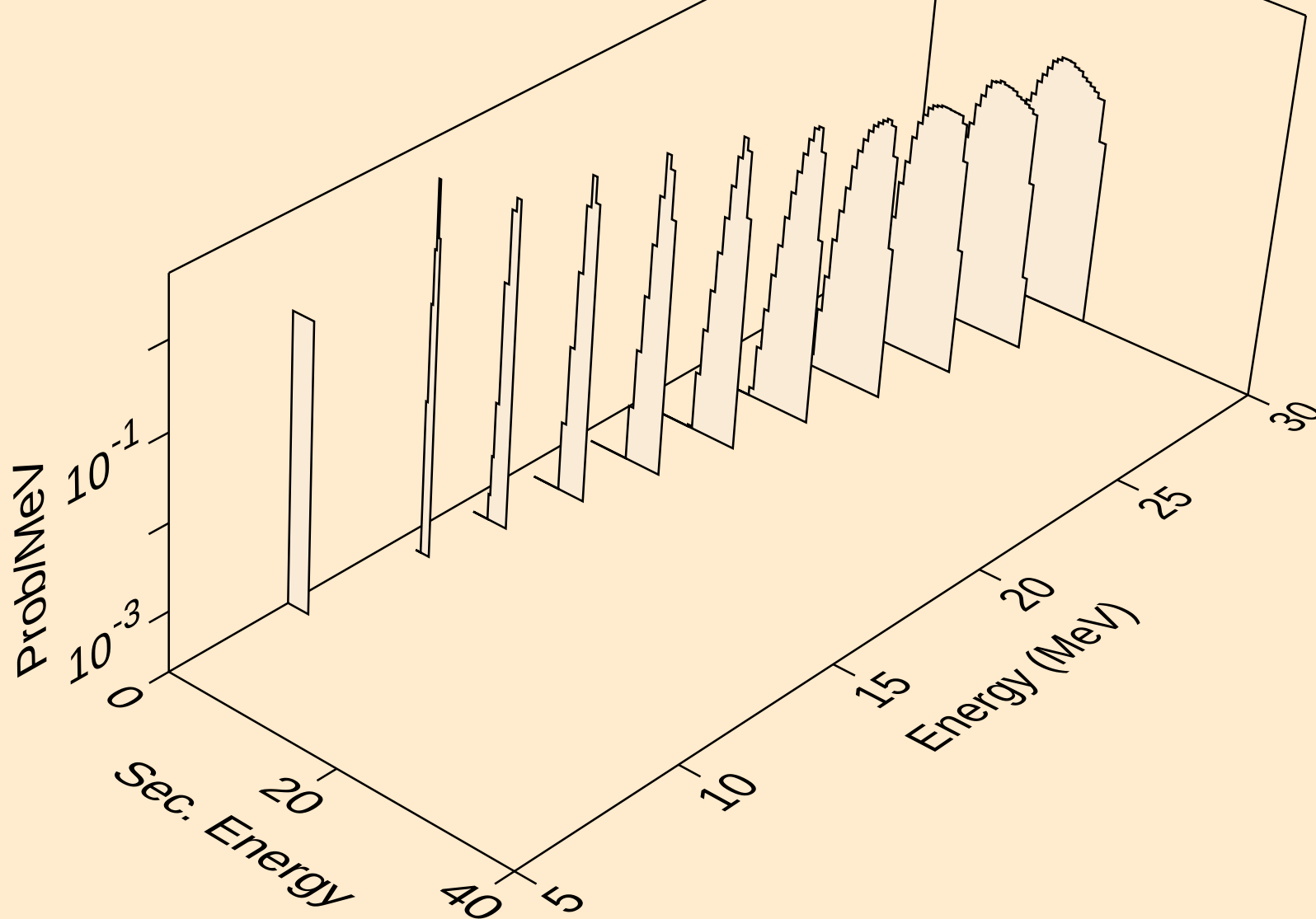
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



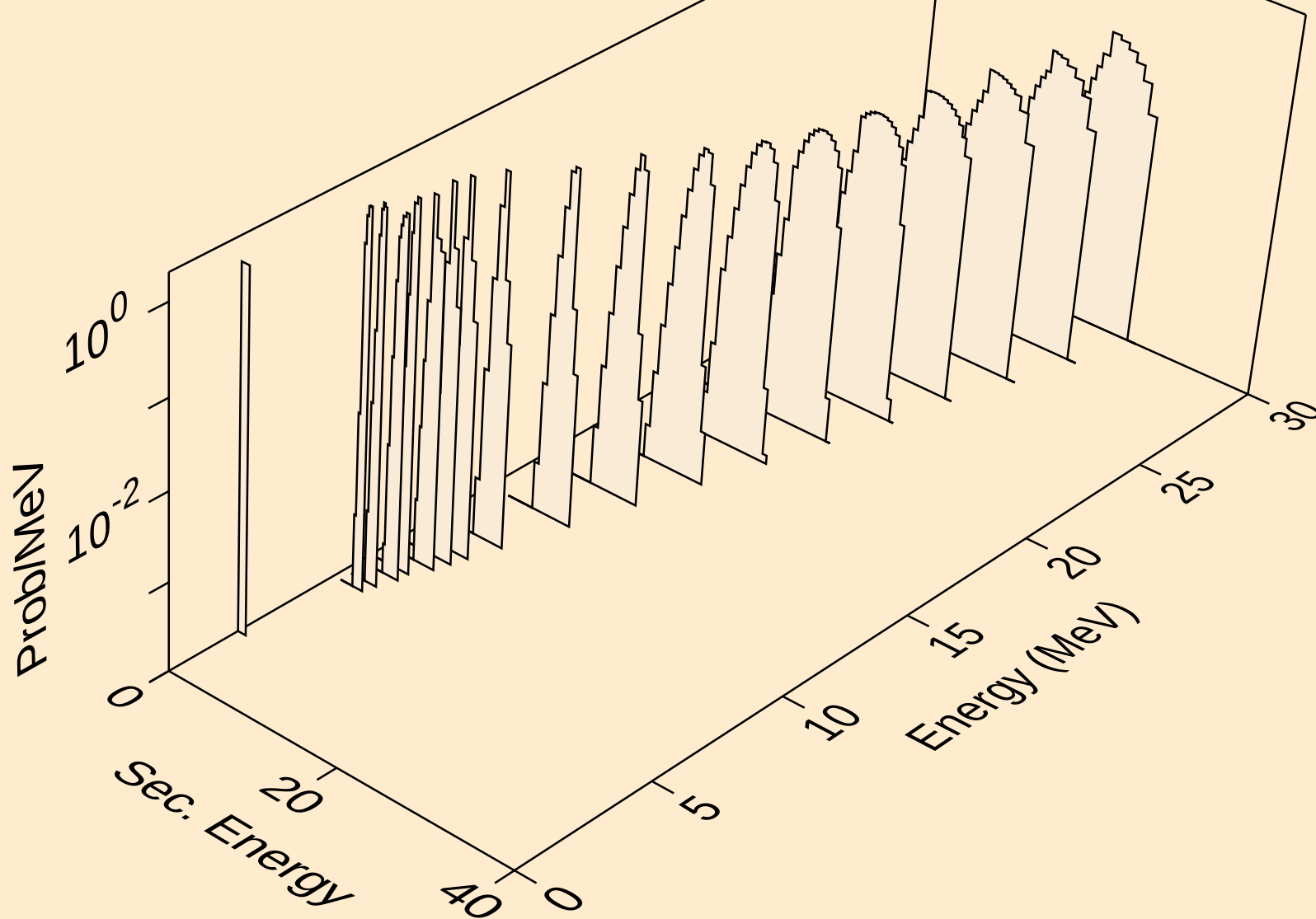
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



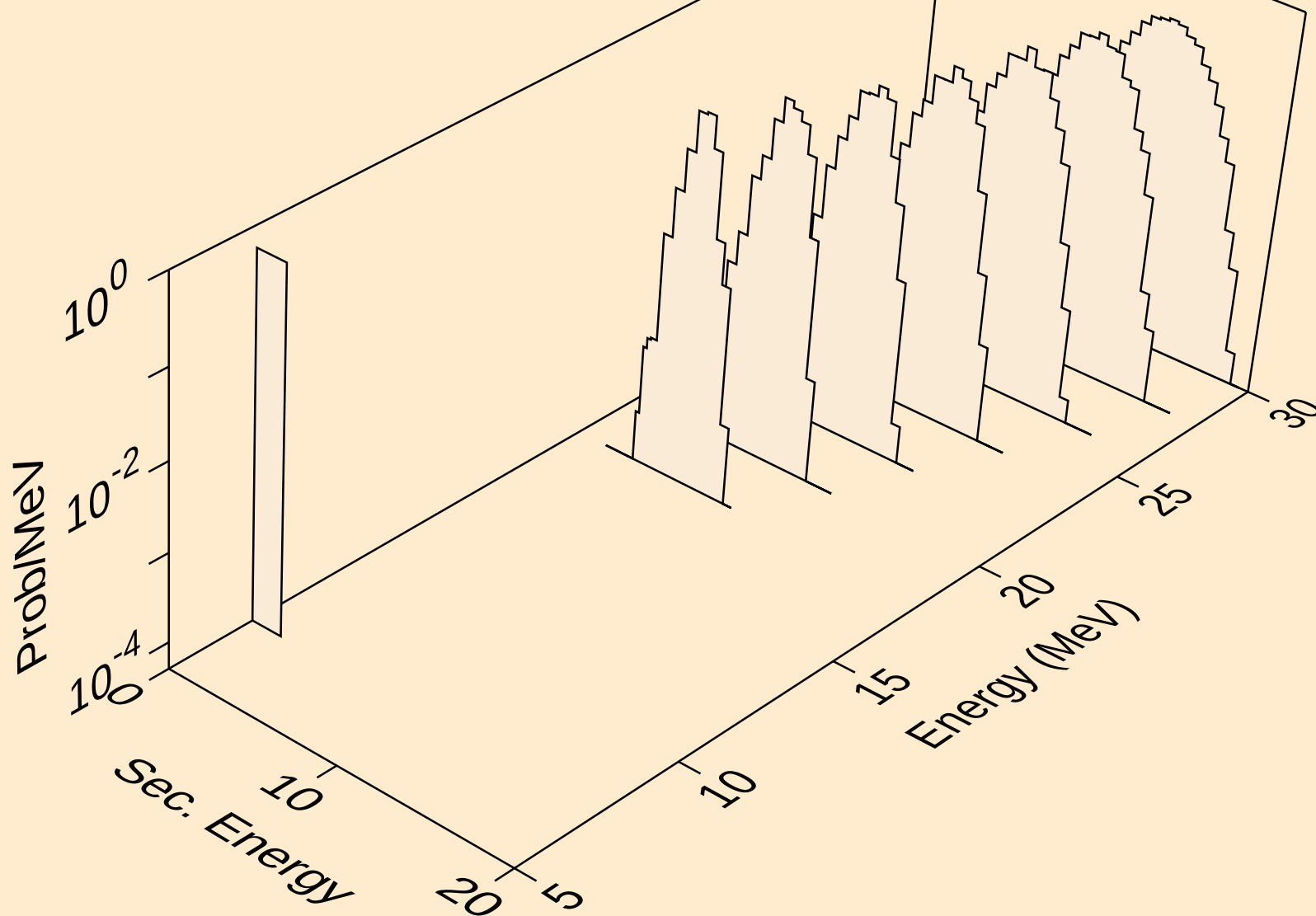
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



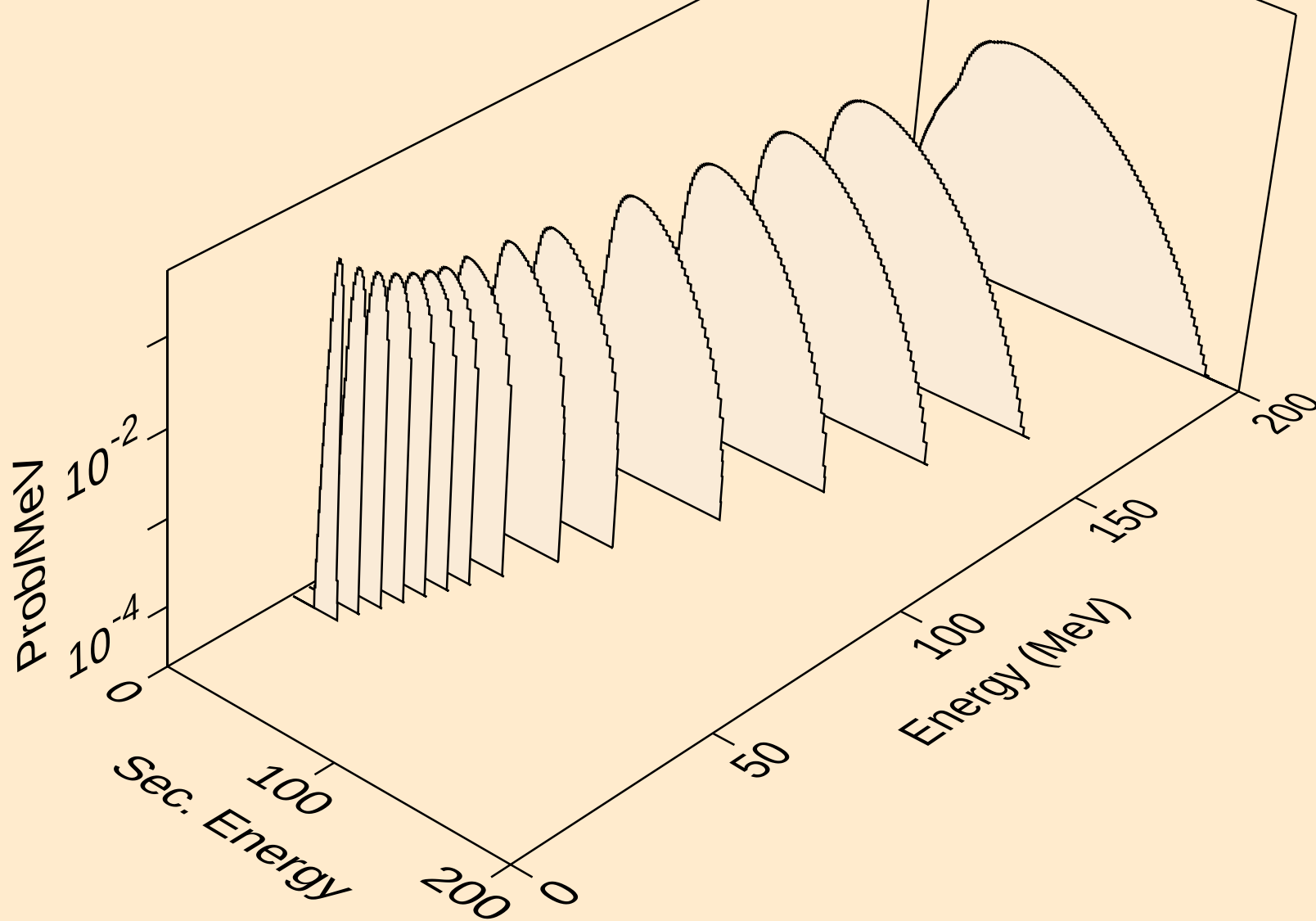
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tritons from (n,t)



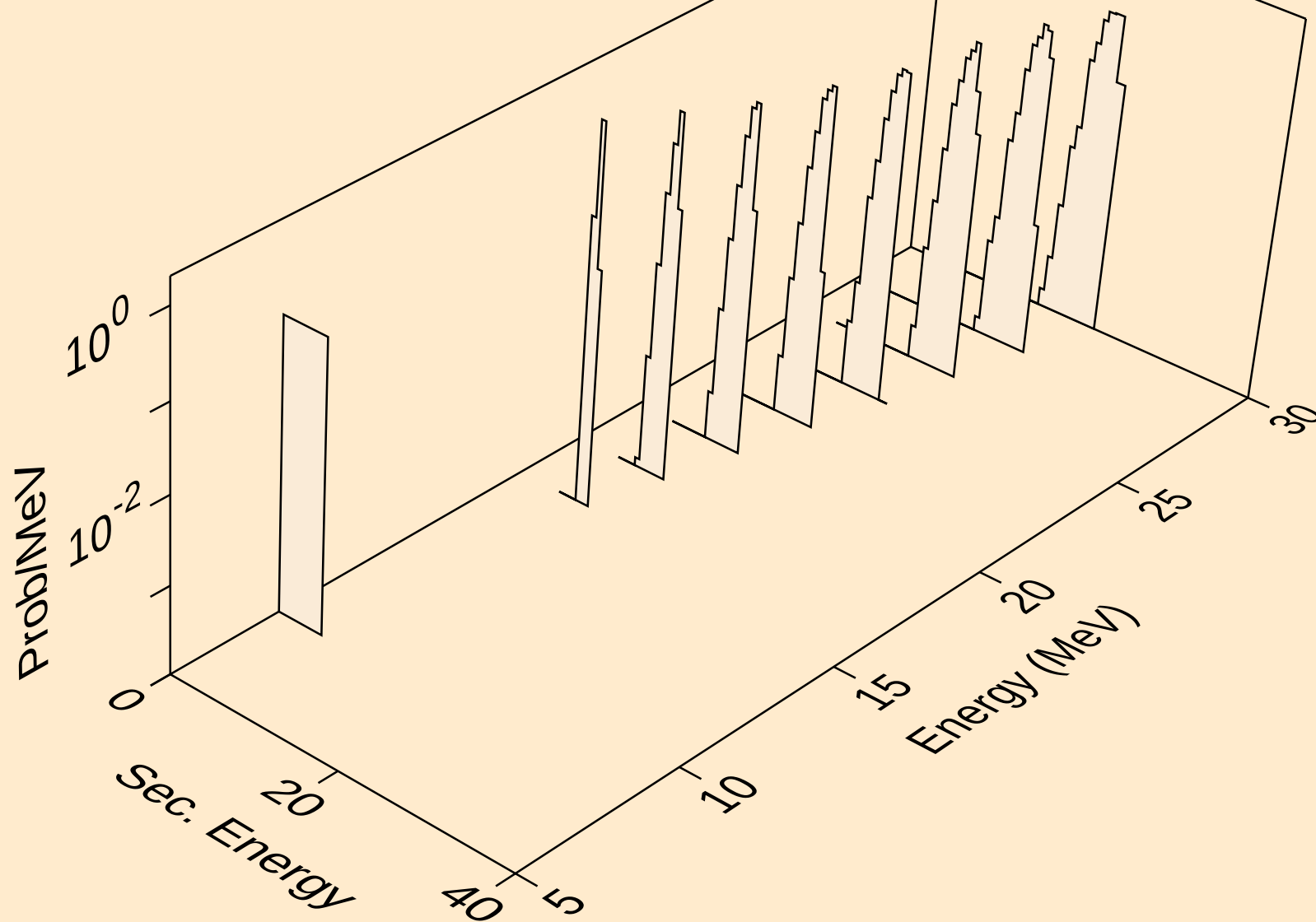
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tritons from (n,pt)



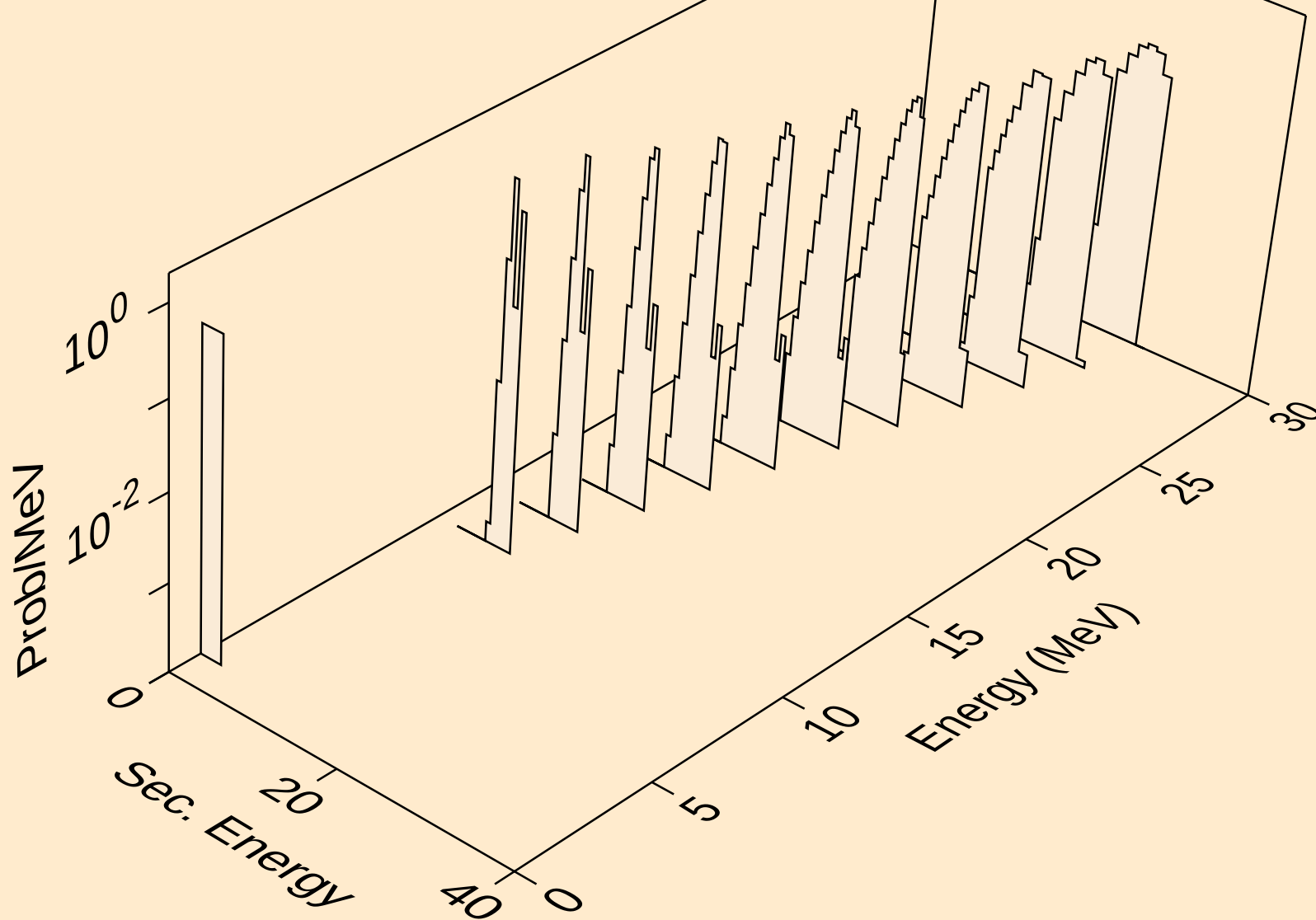
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



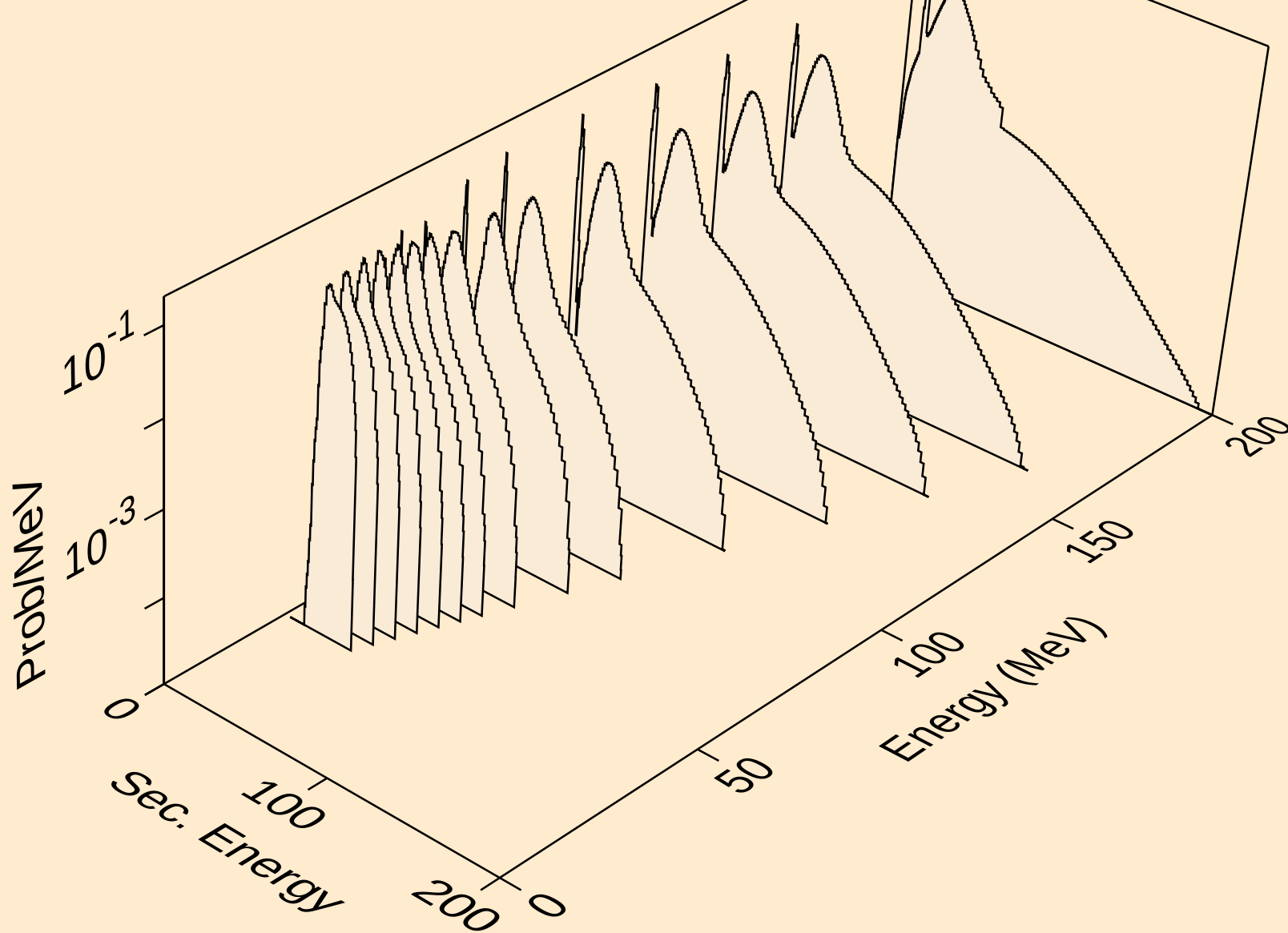
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he3s from (n,n*)he3



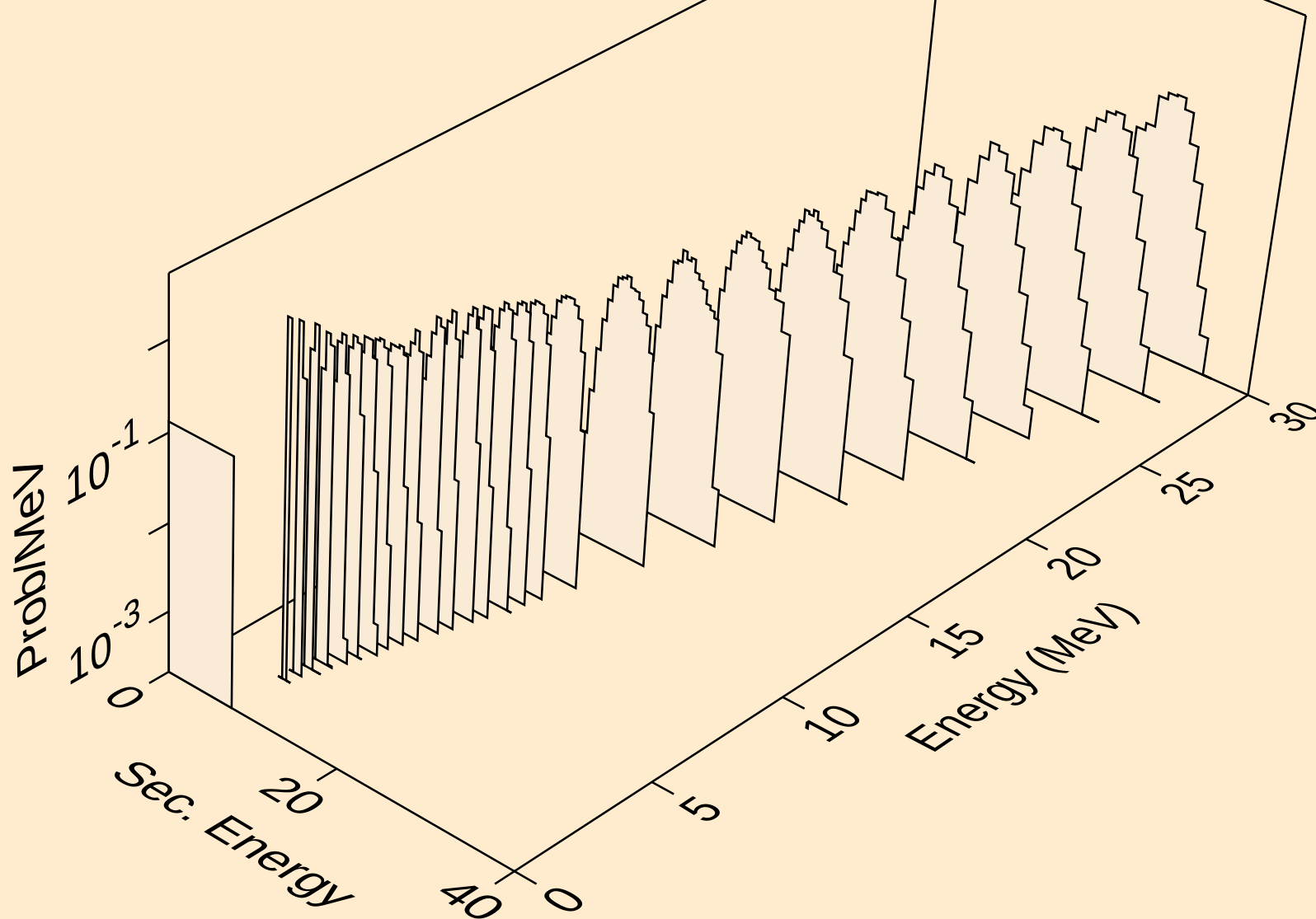
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he3s from (n,he3)



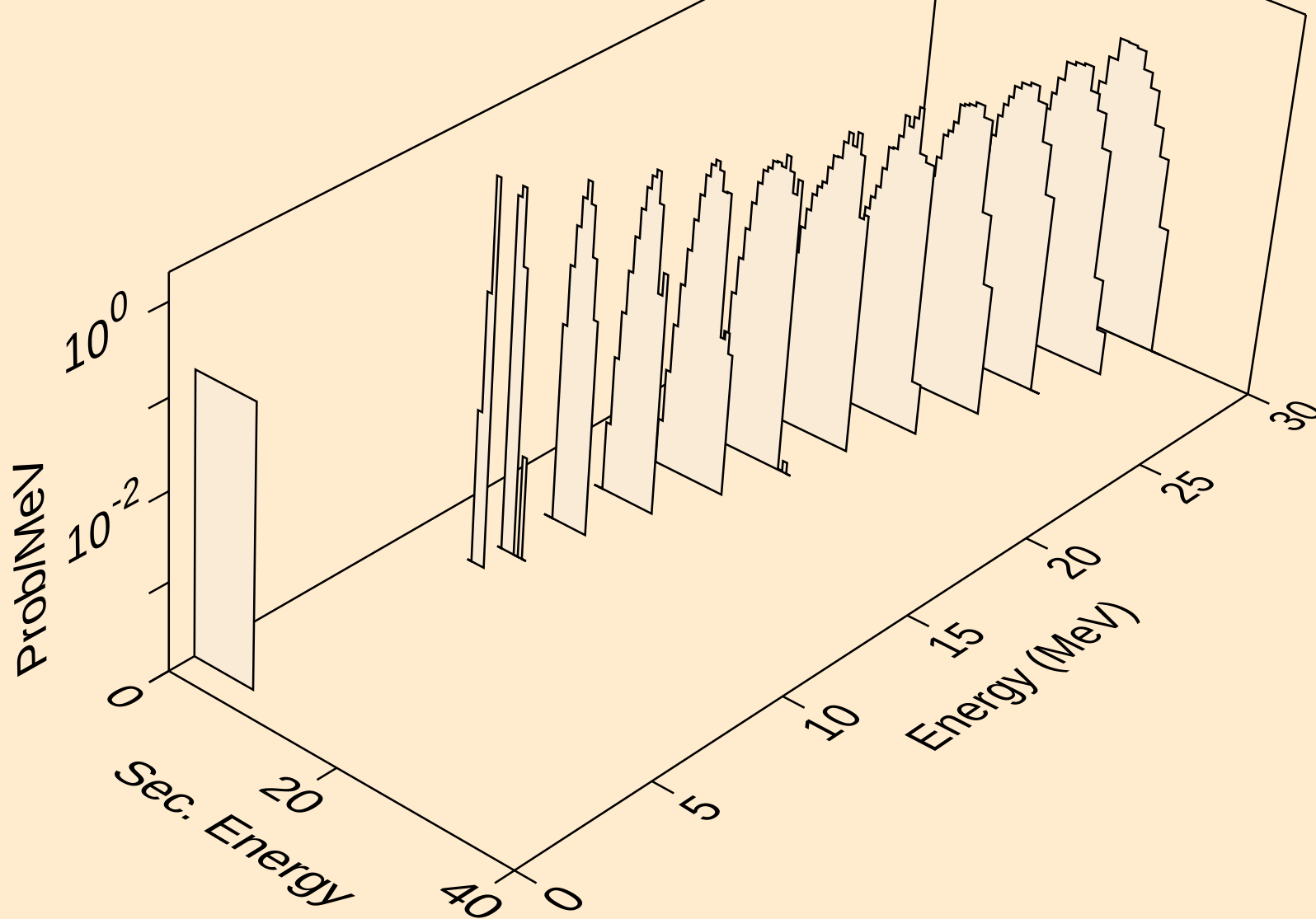
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



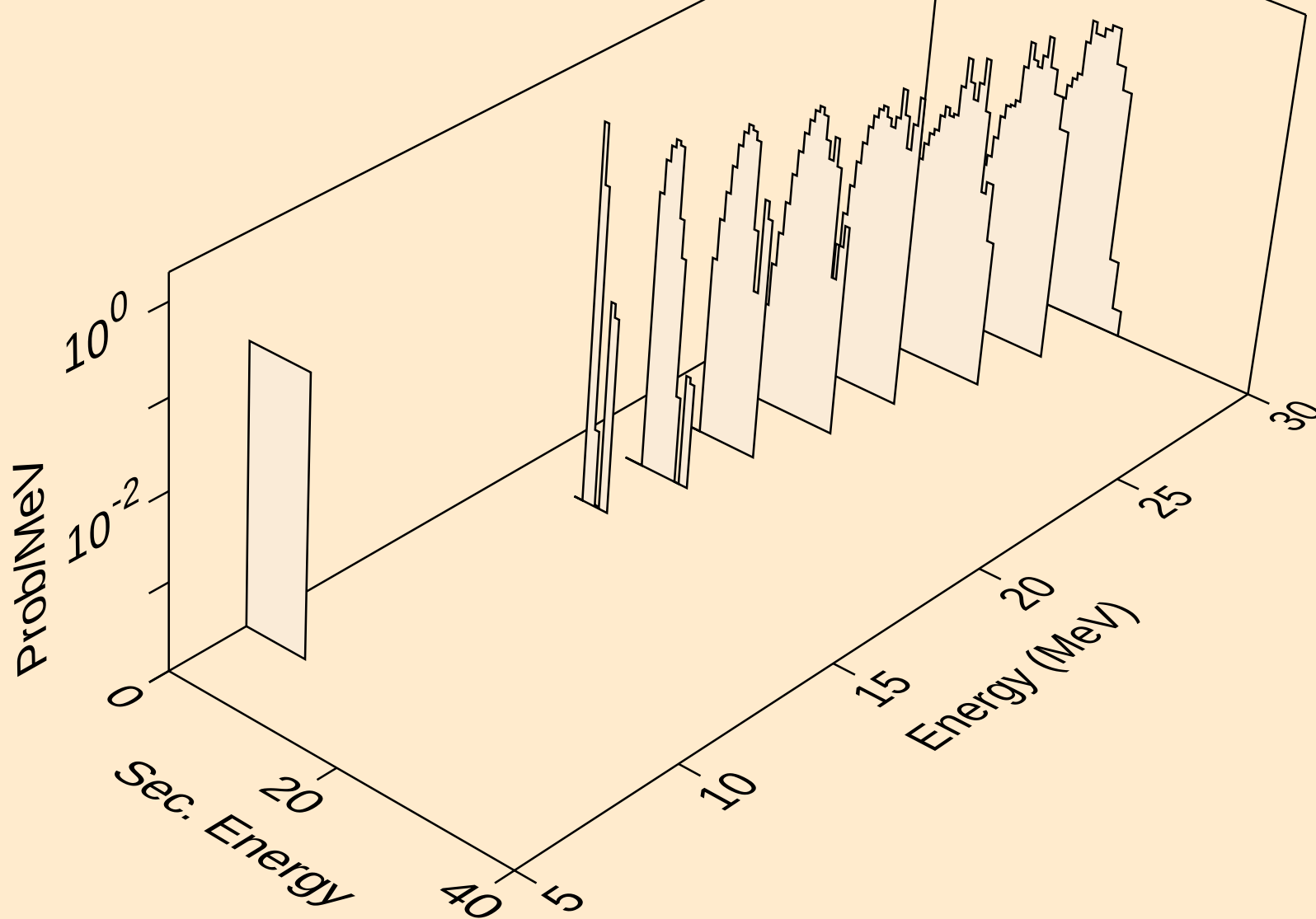
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



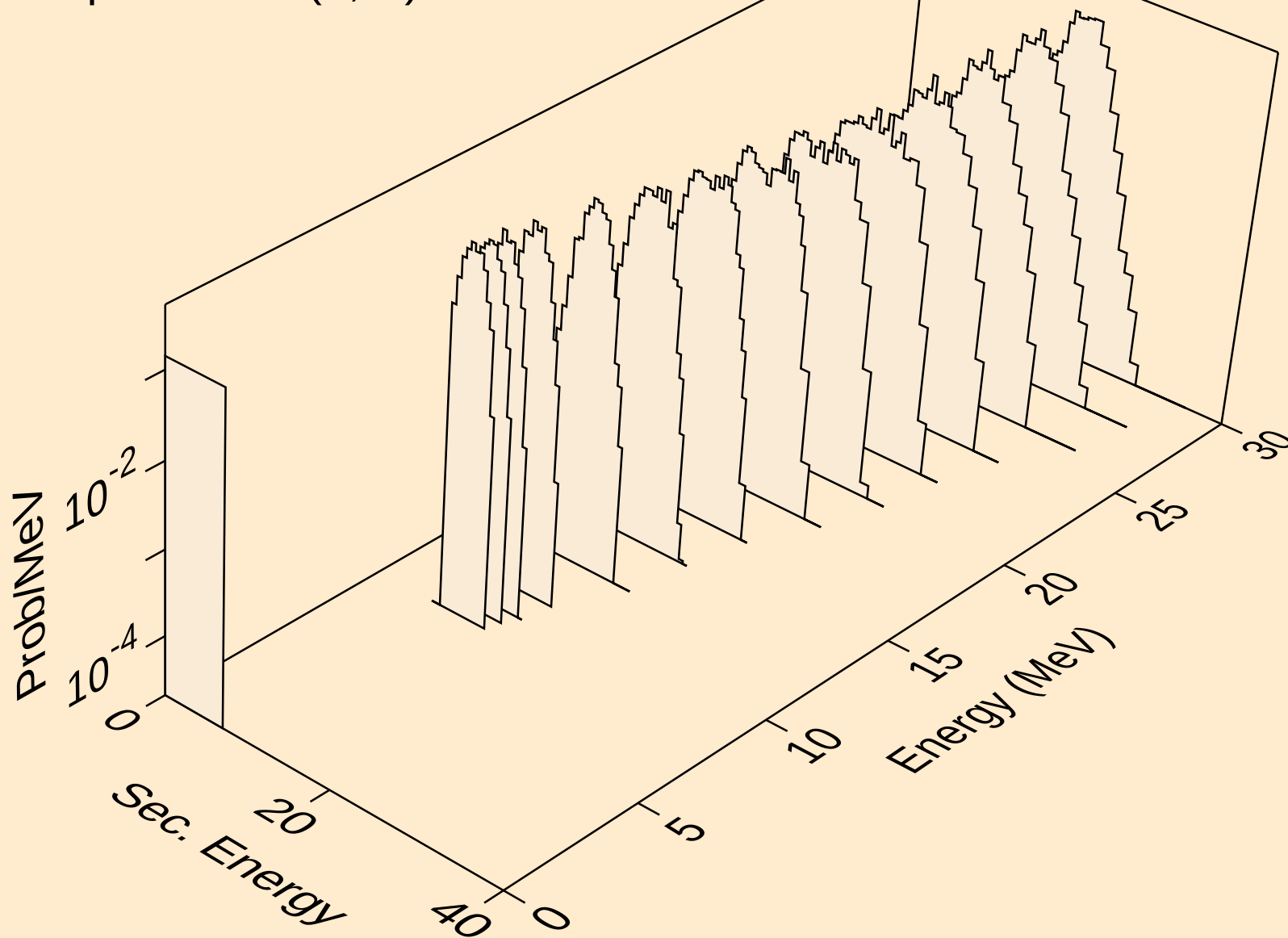
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



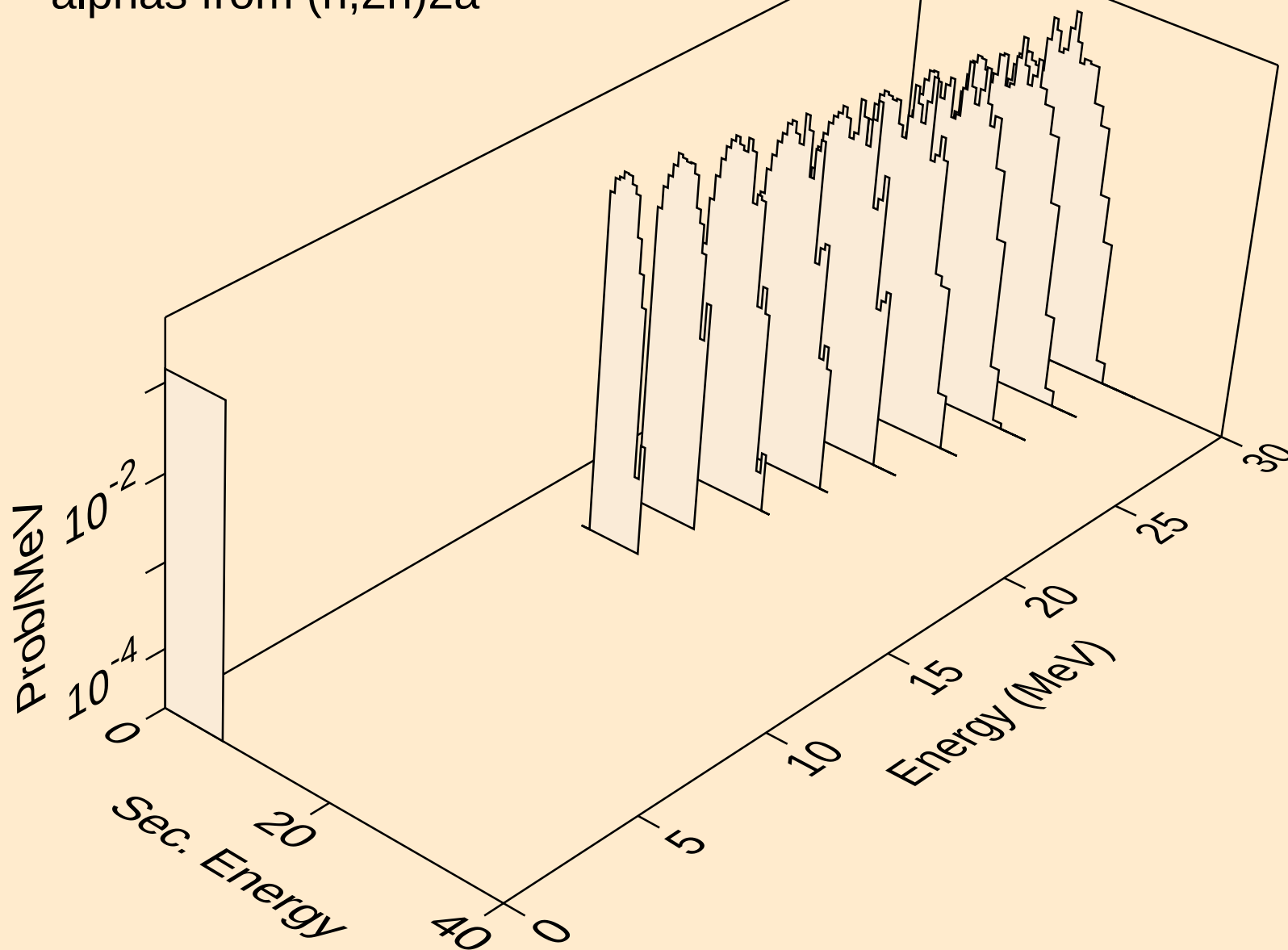
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



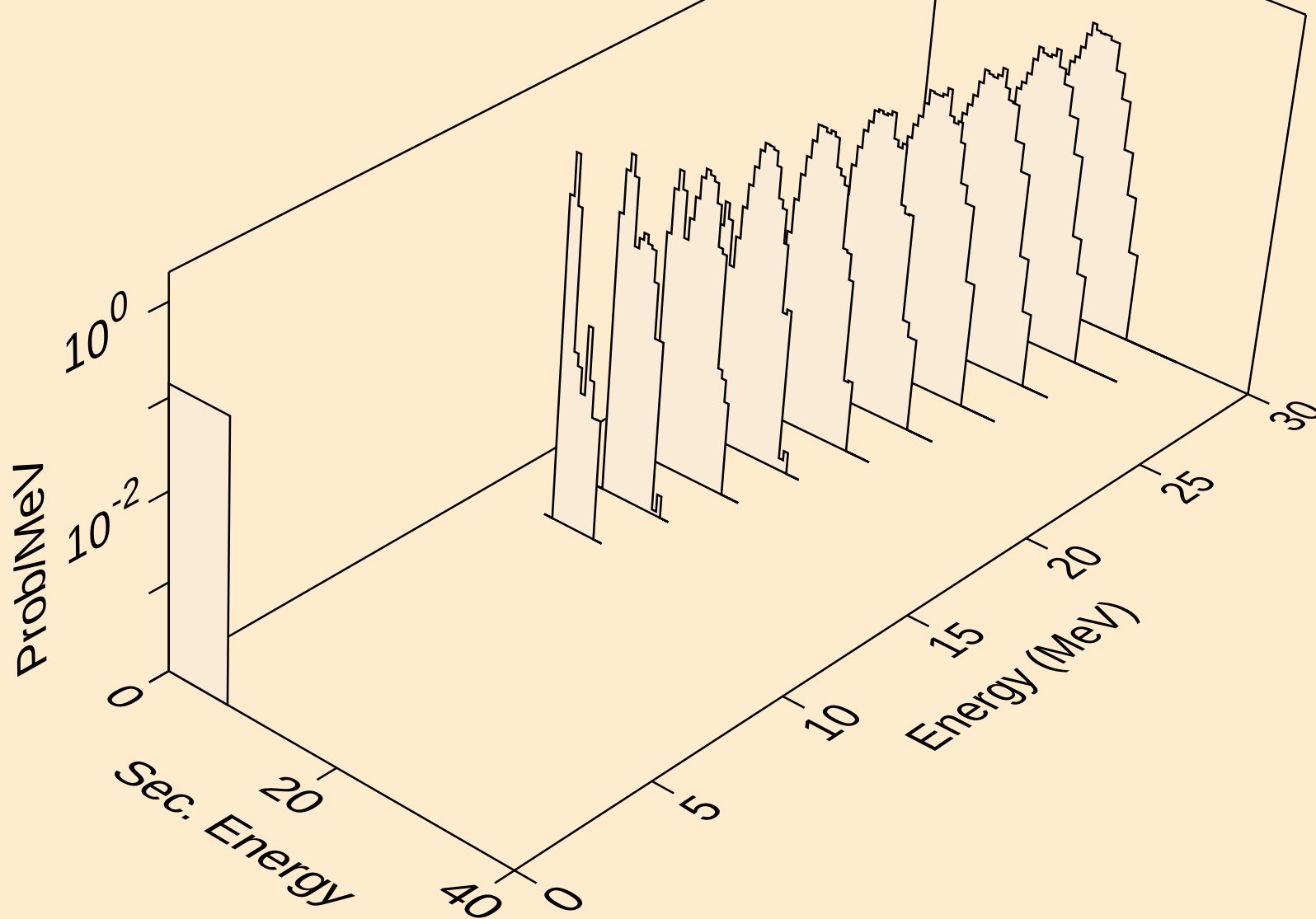
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



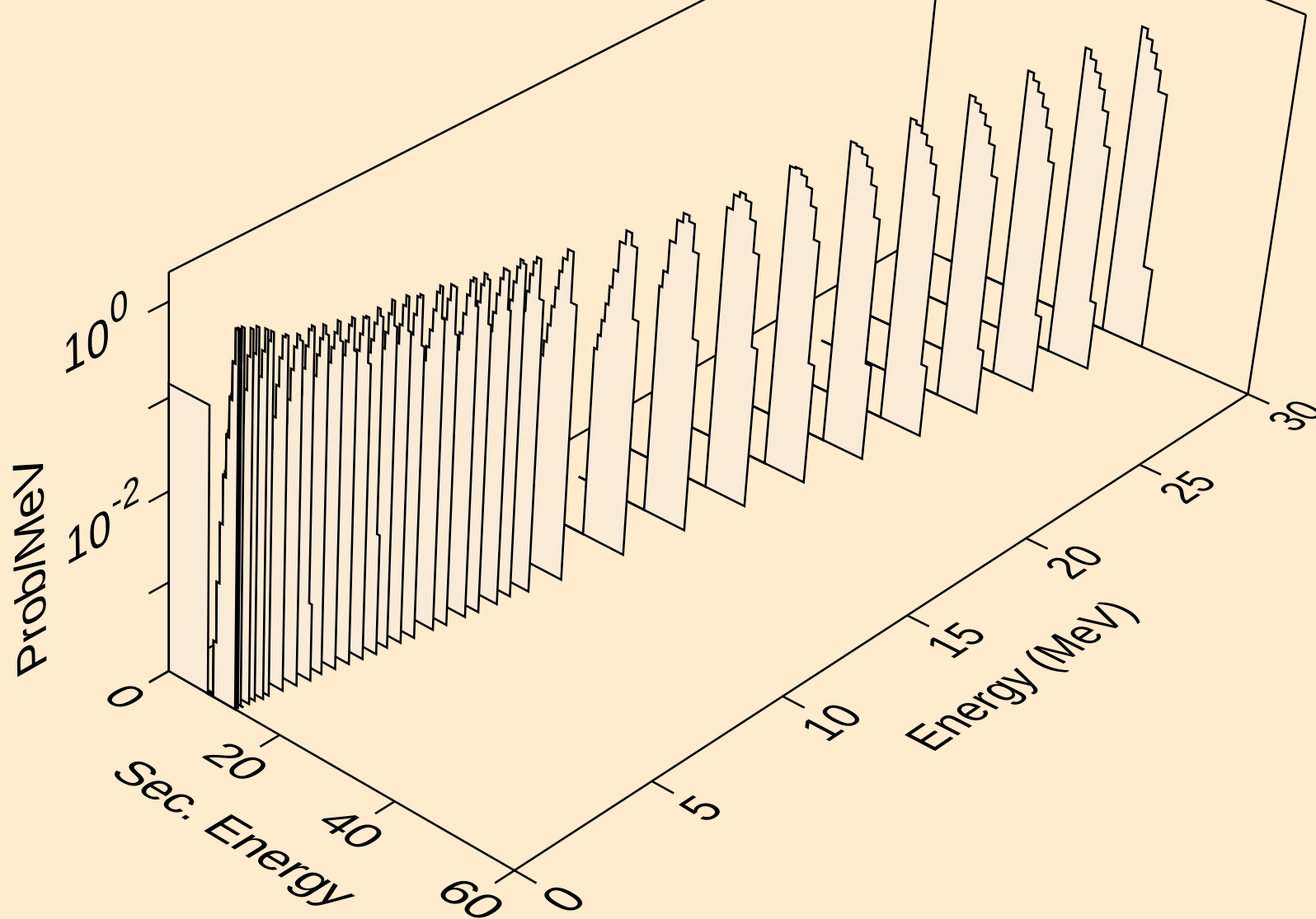
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



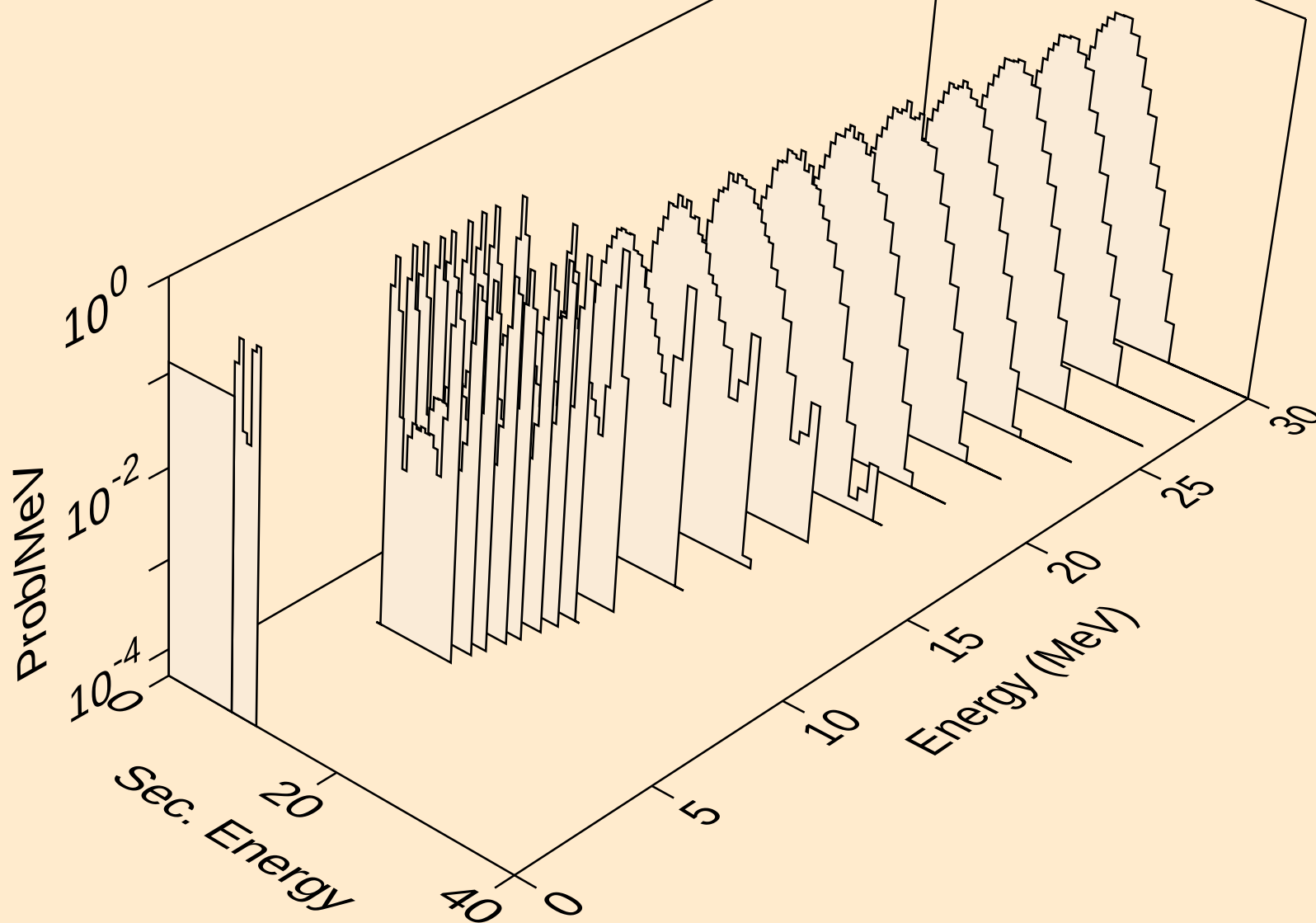
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



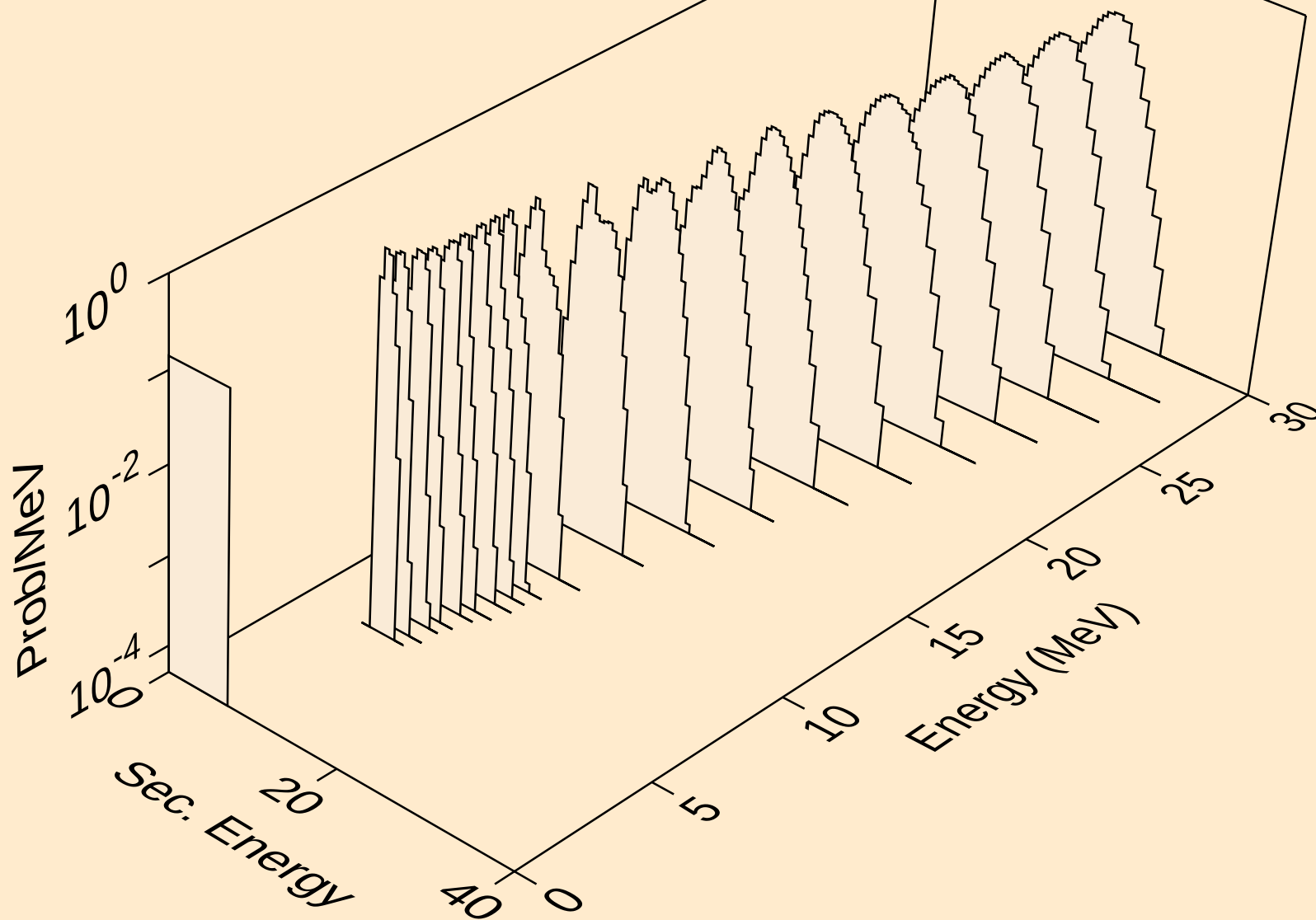
NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



NP231 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

