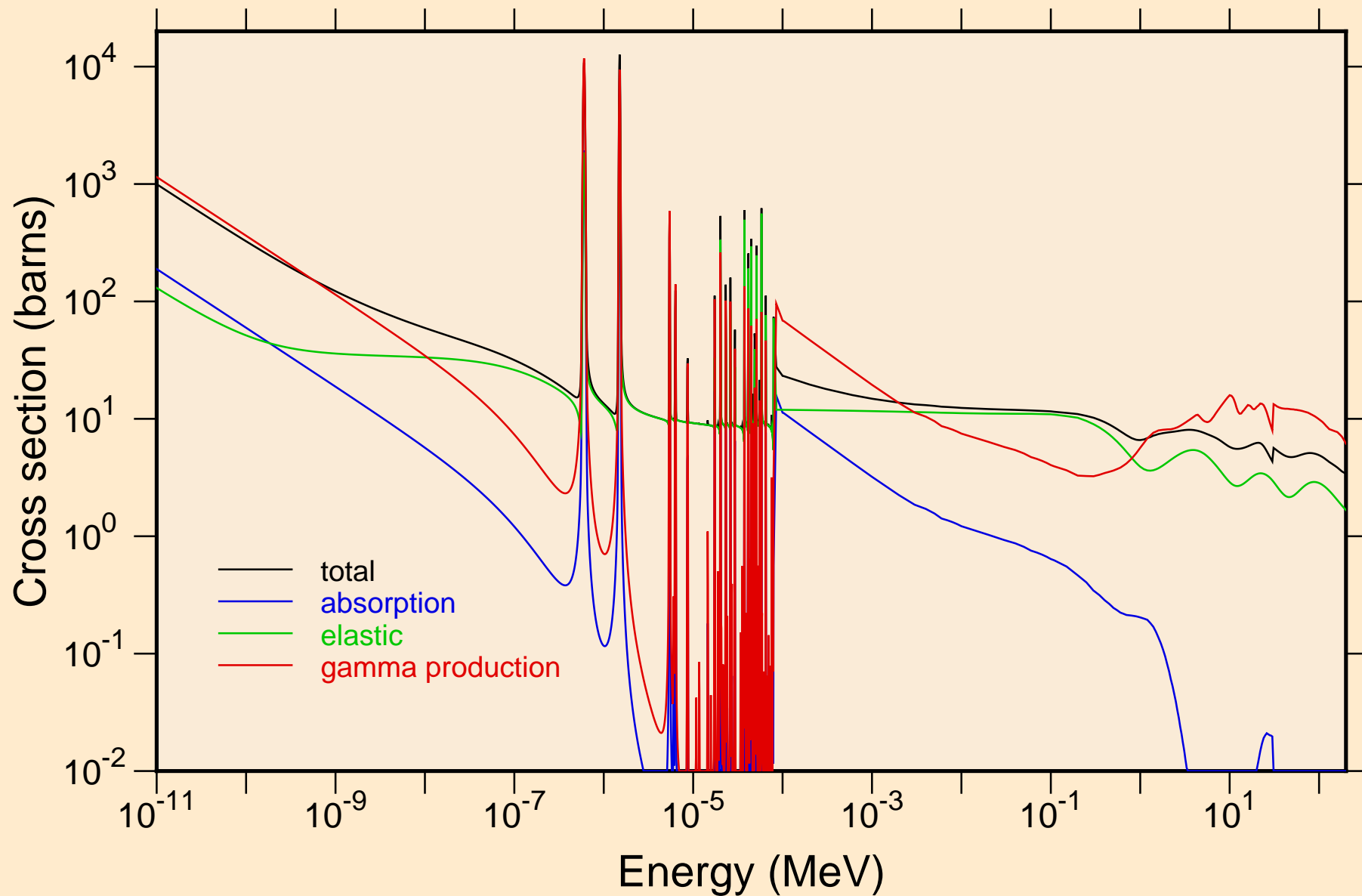
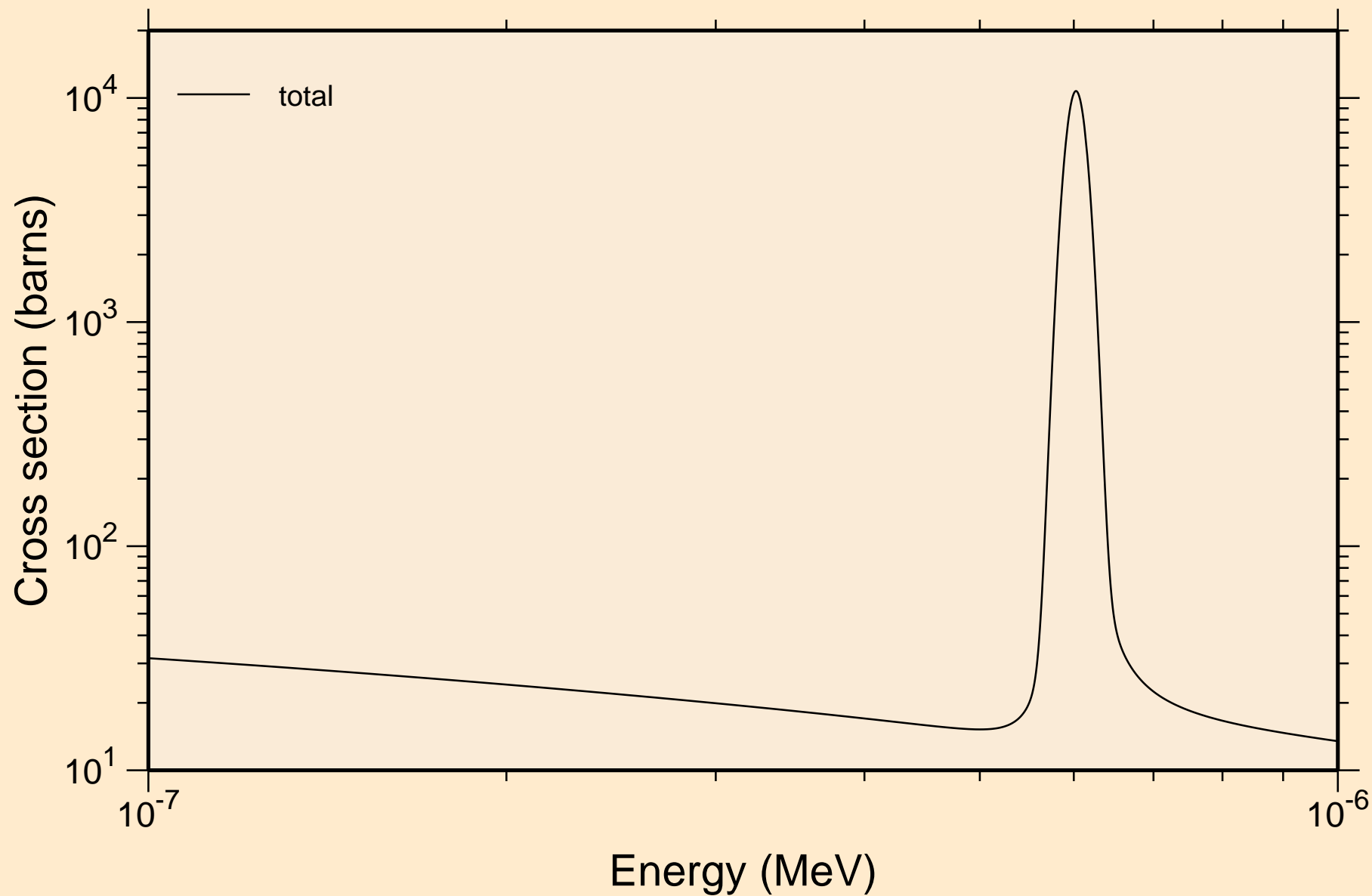


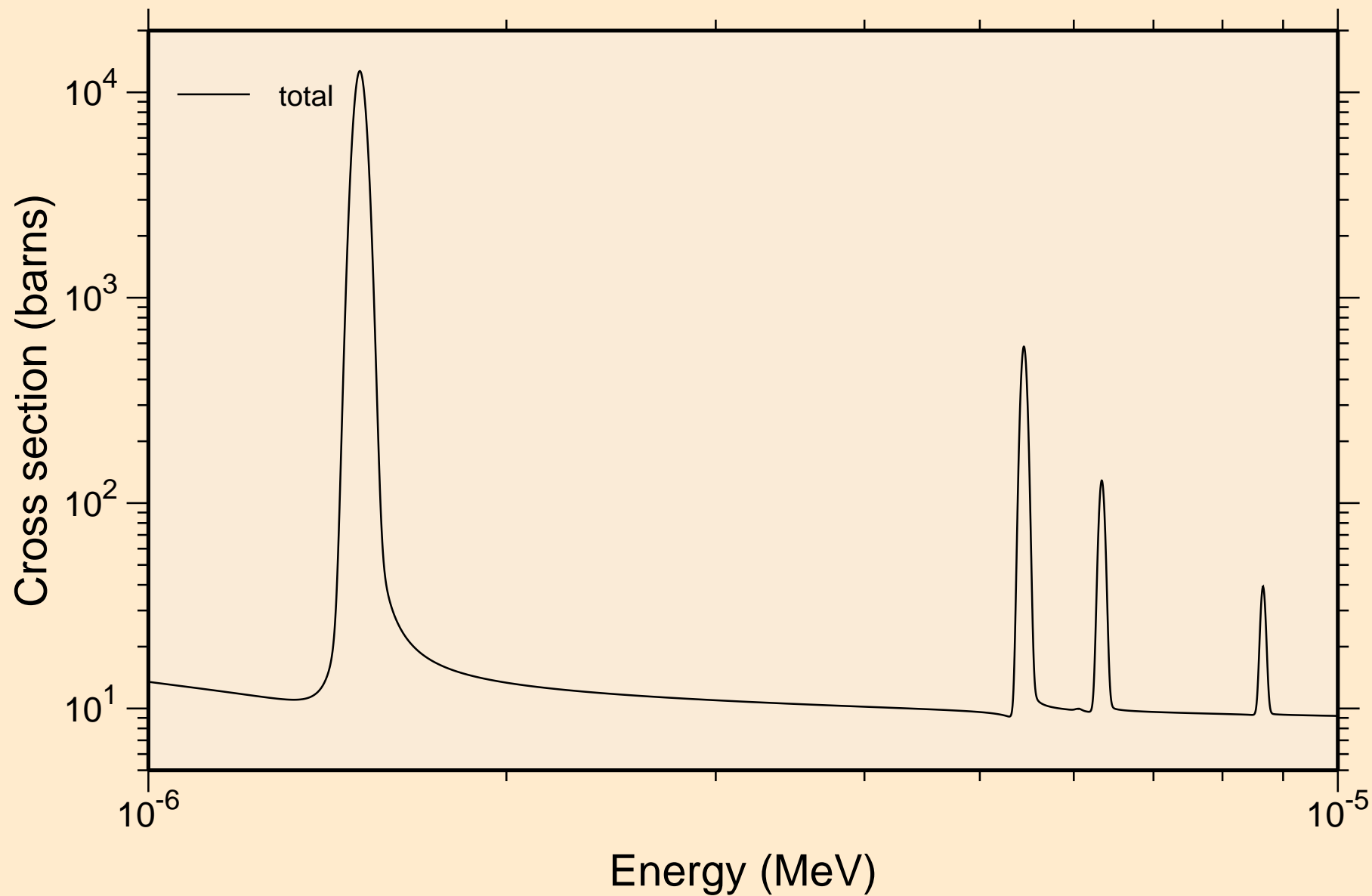
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



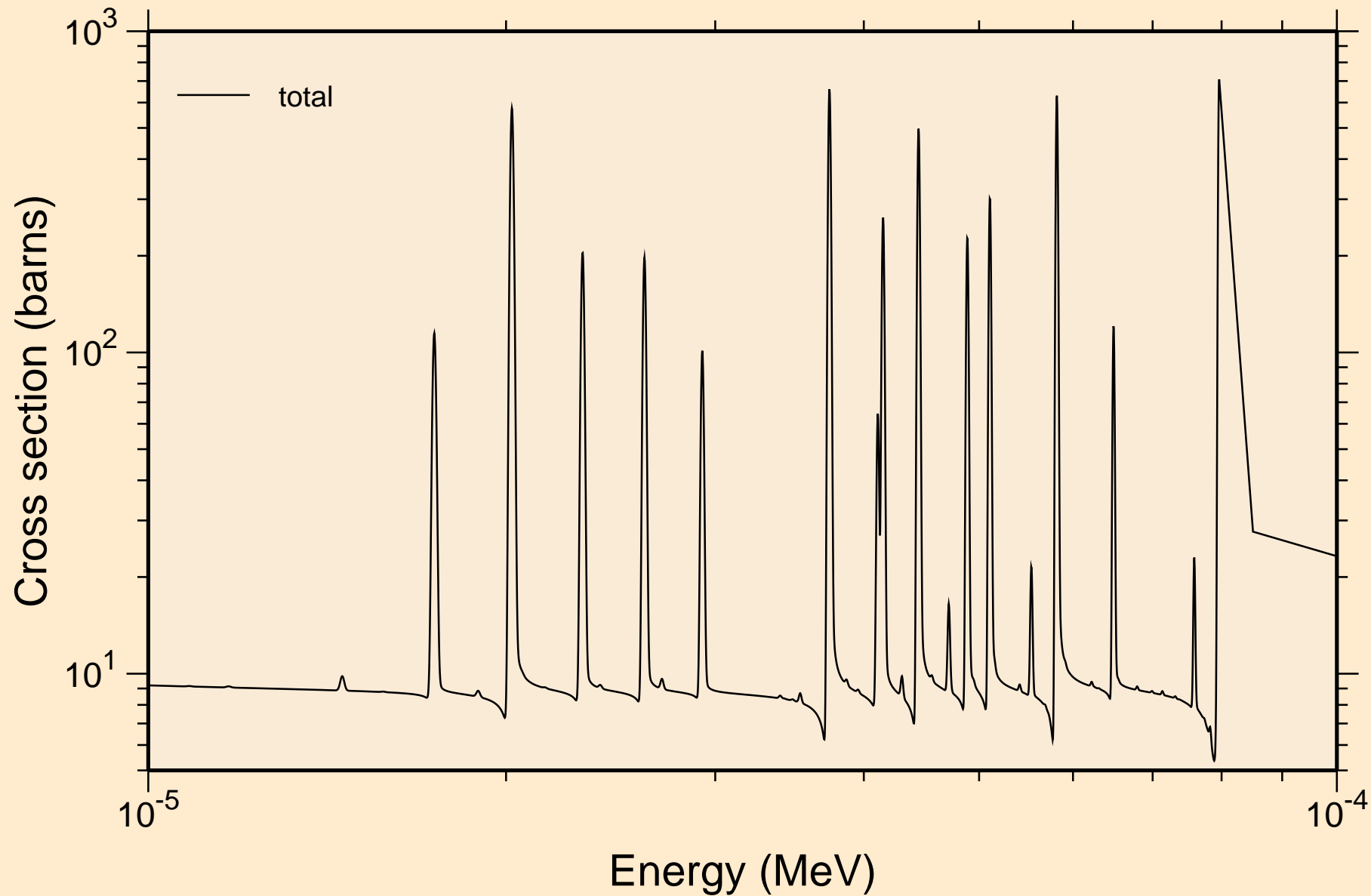
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



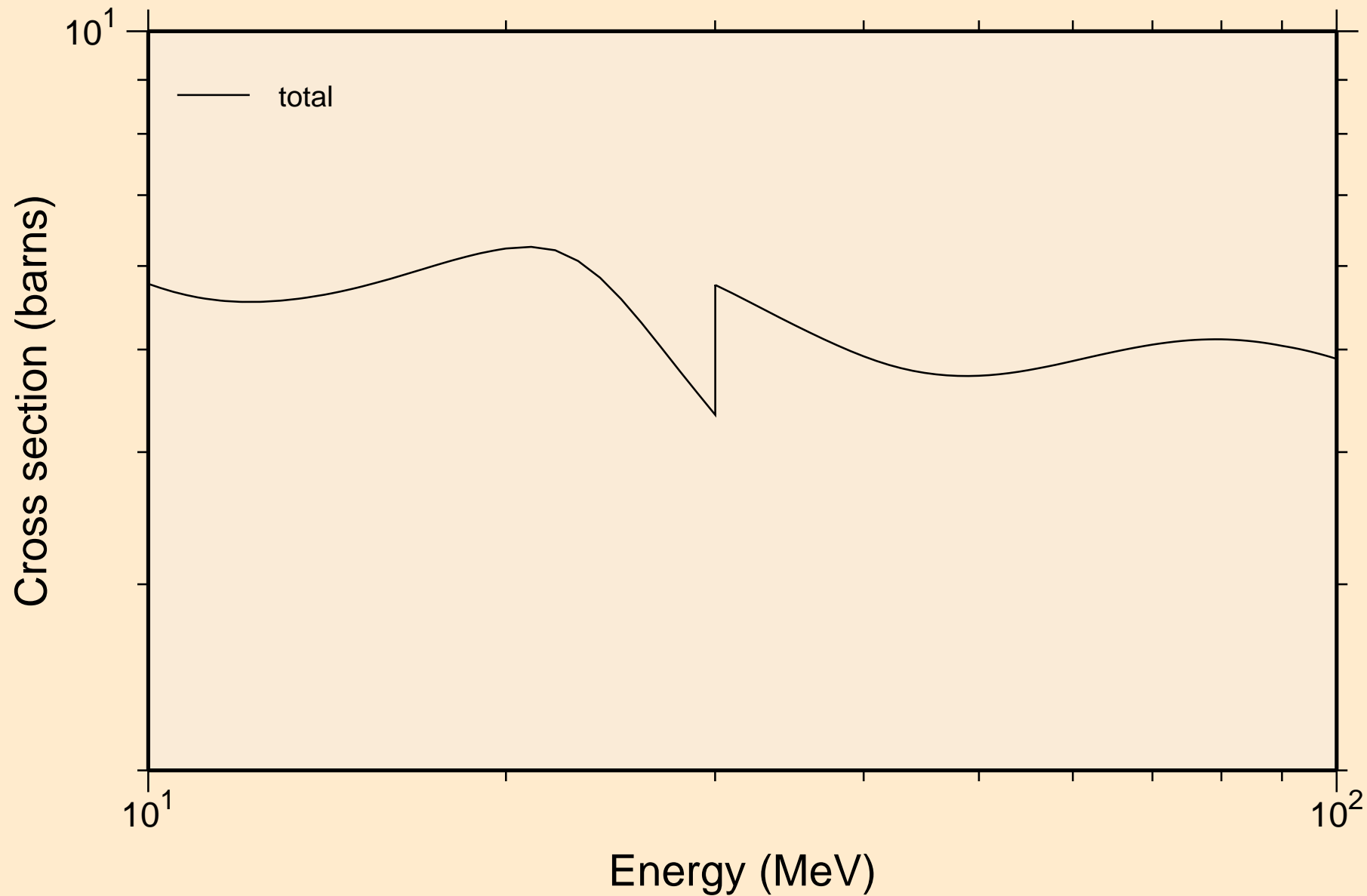
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resonance total cross section



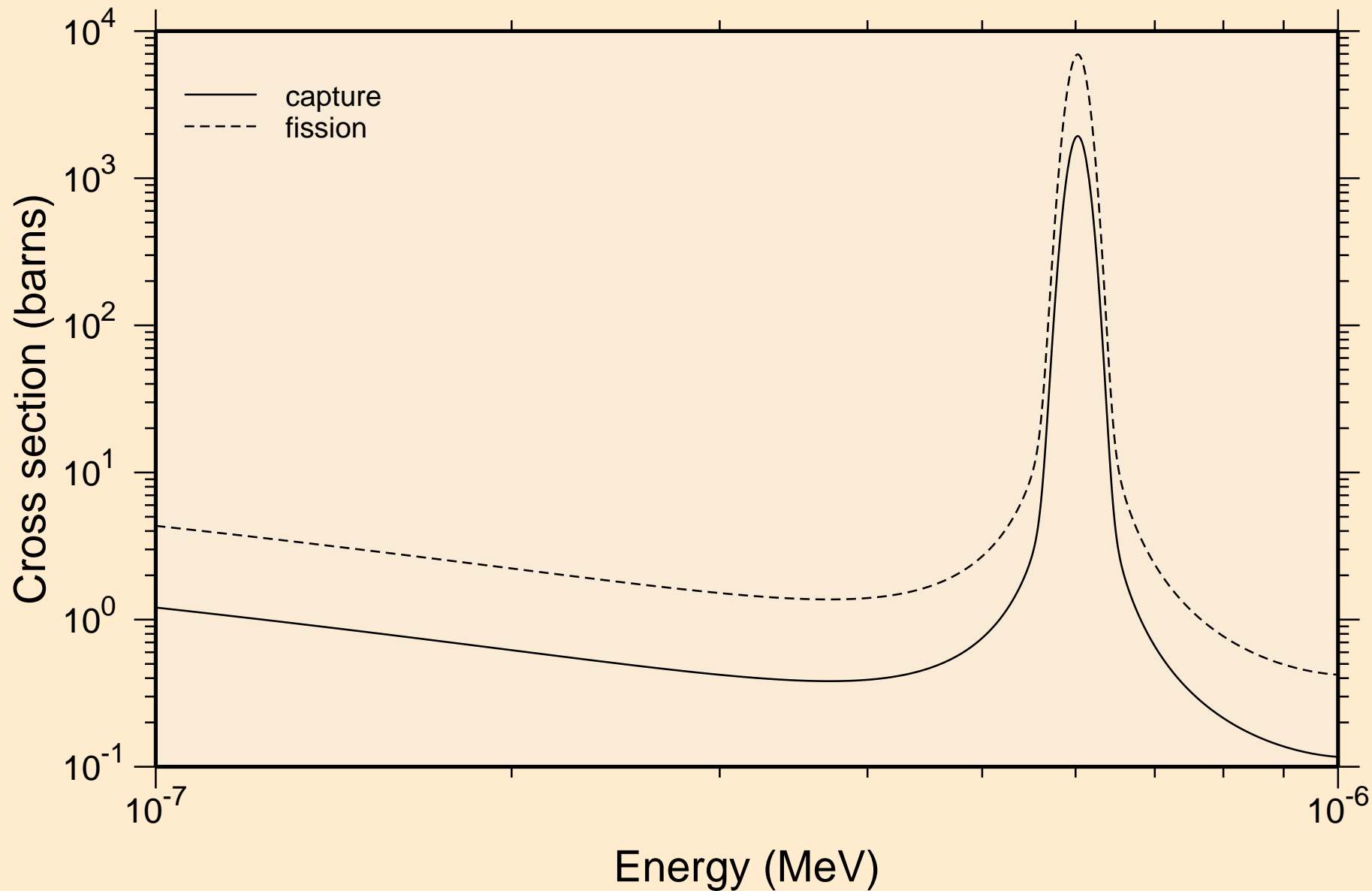
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resonance total cross section



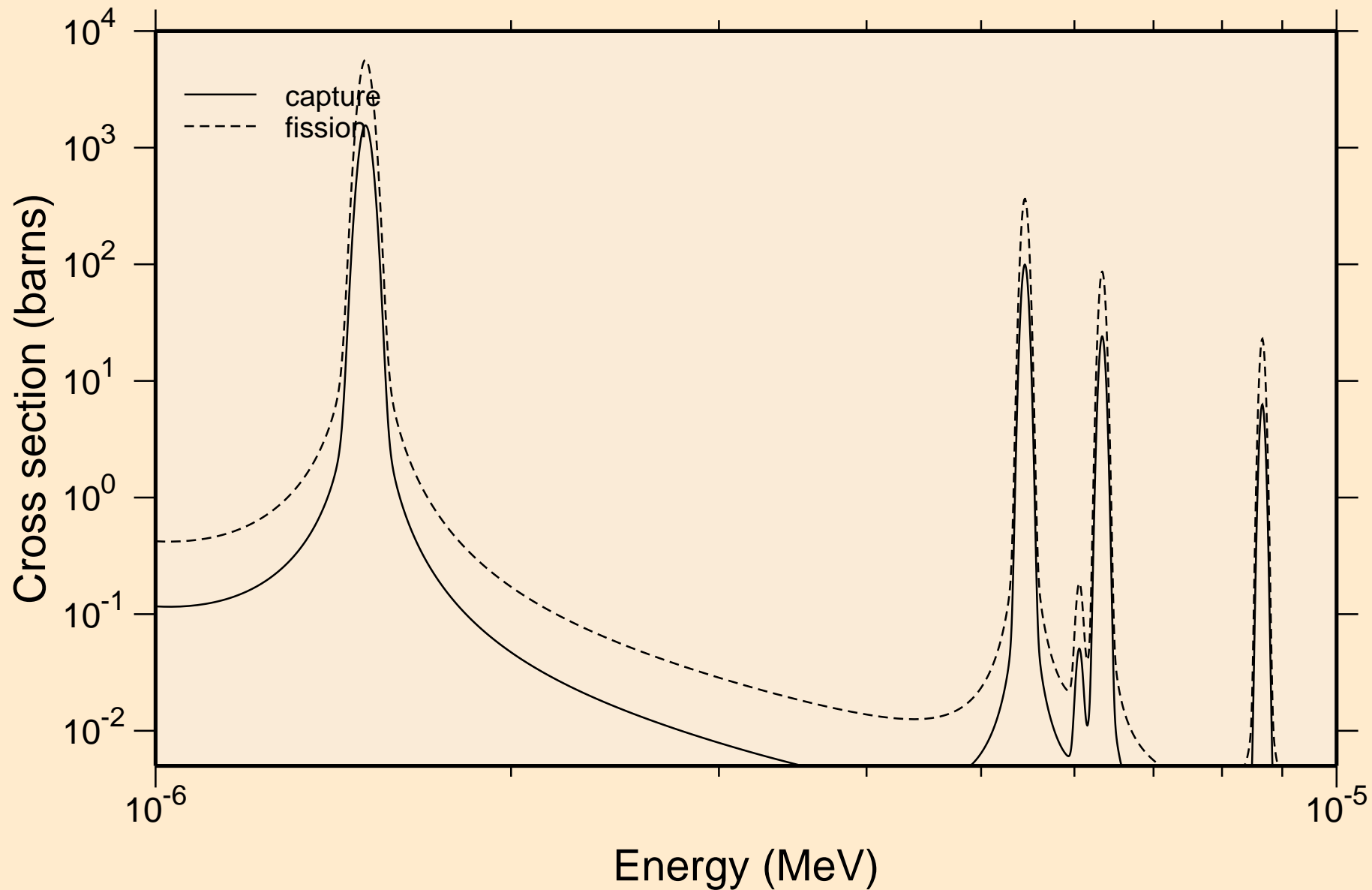
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resonance total cross section



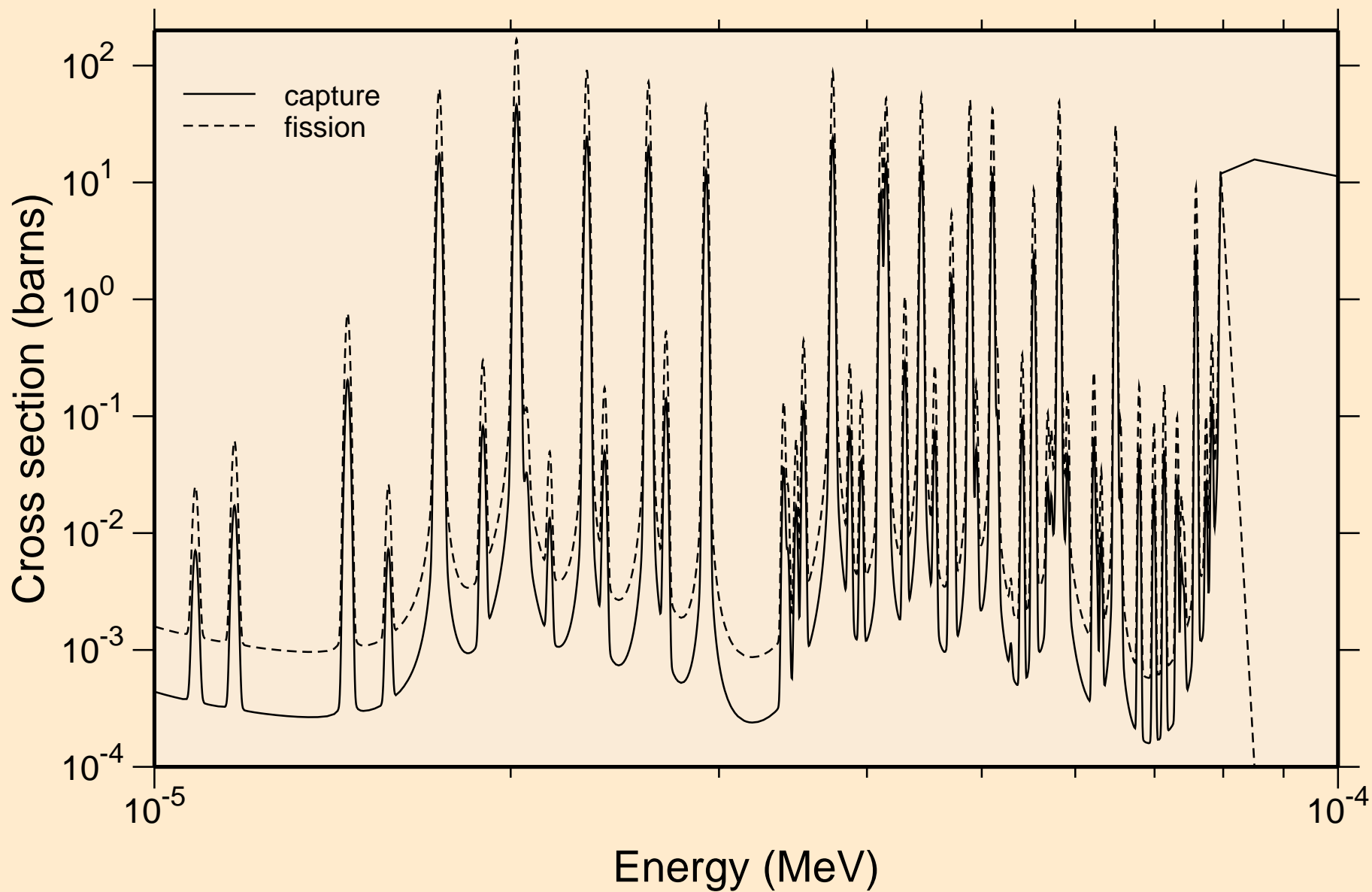
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resonance absorption cross sections



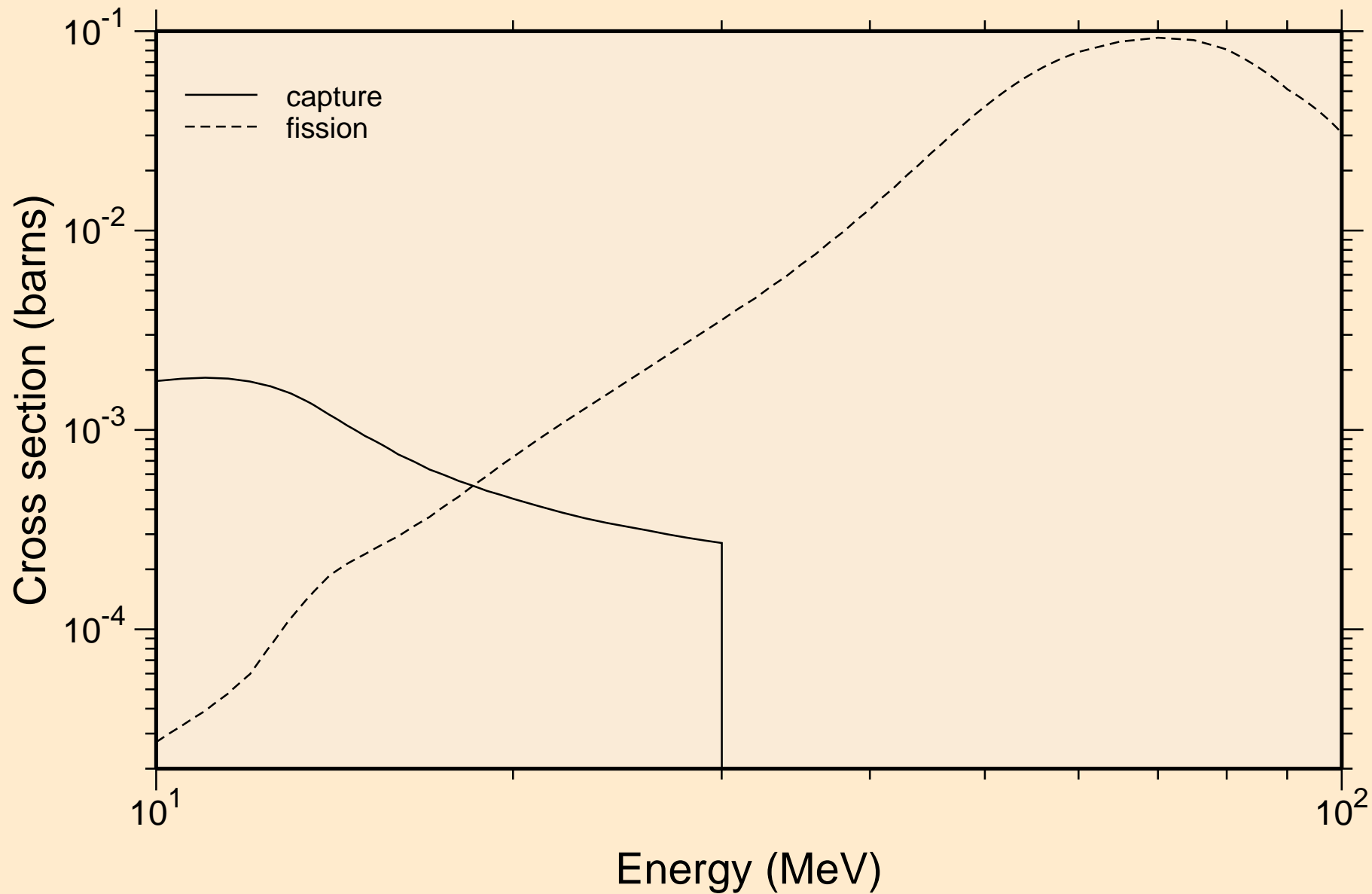
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



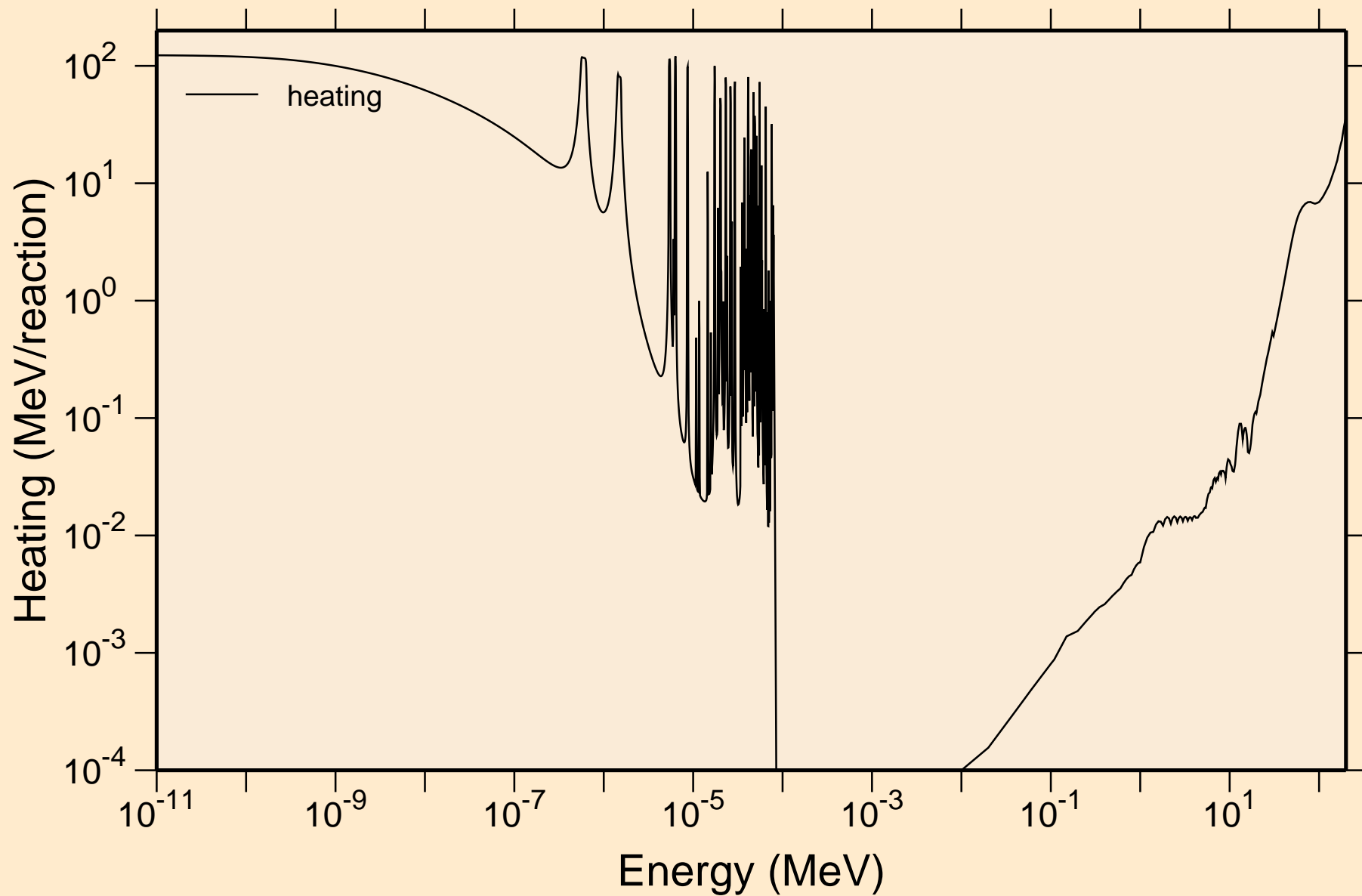
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resonance absorption cross sections



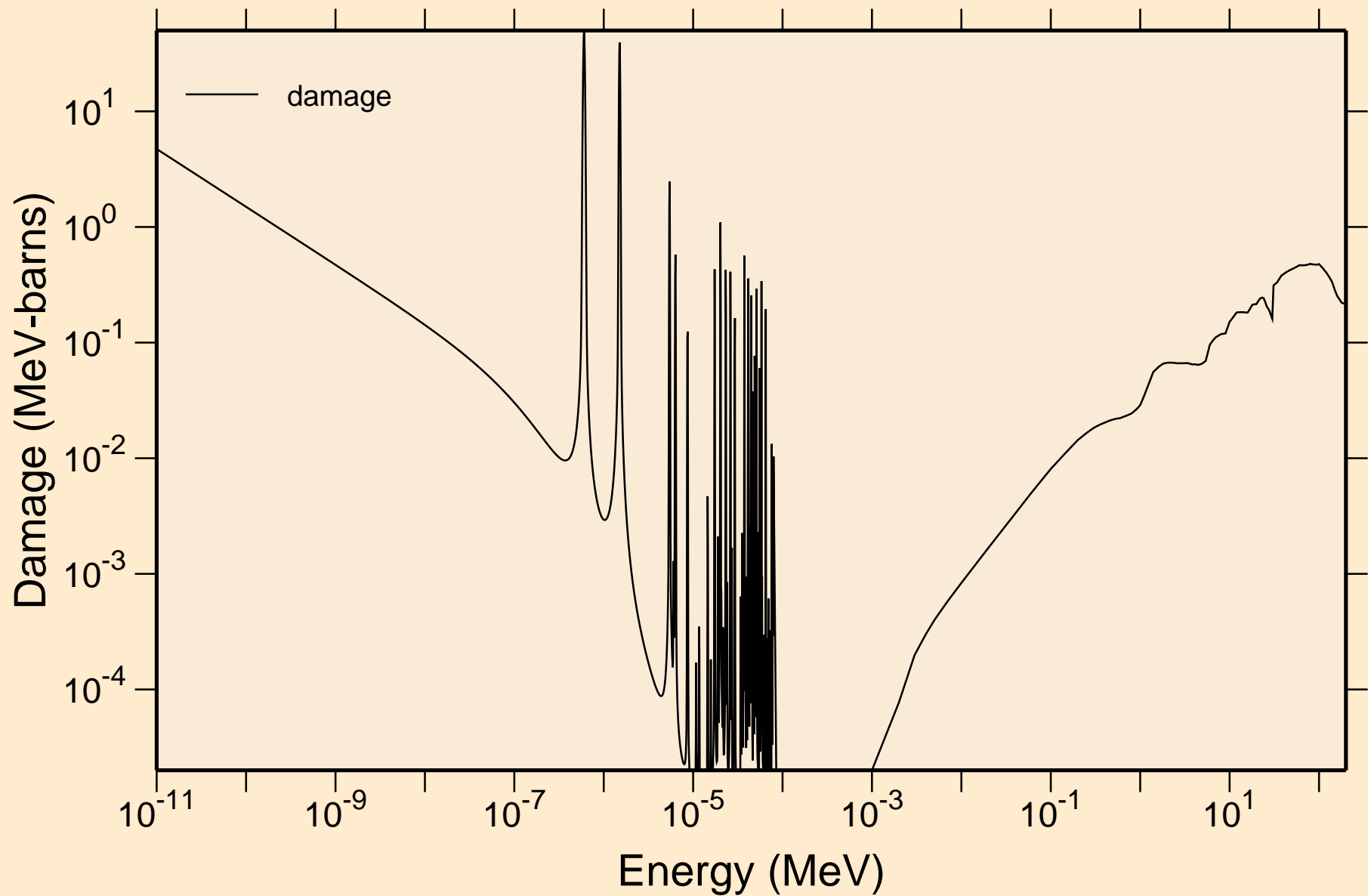
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resonance absorption cross sections



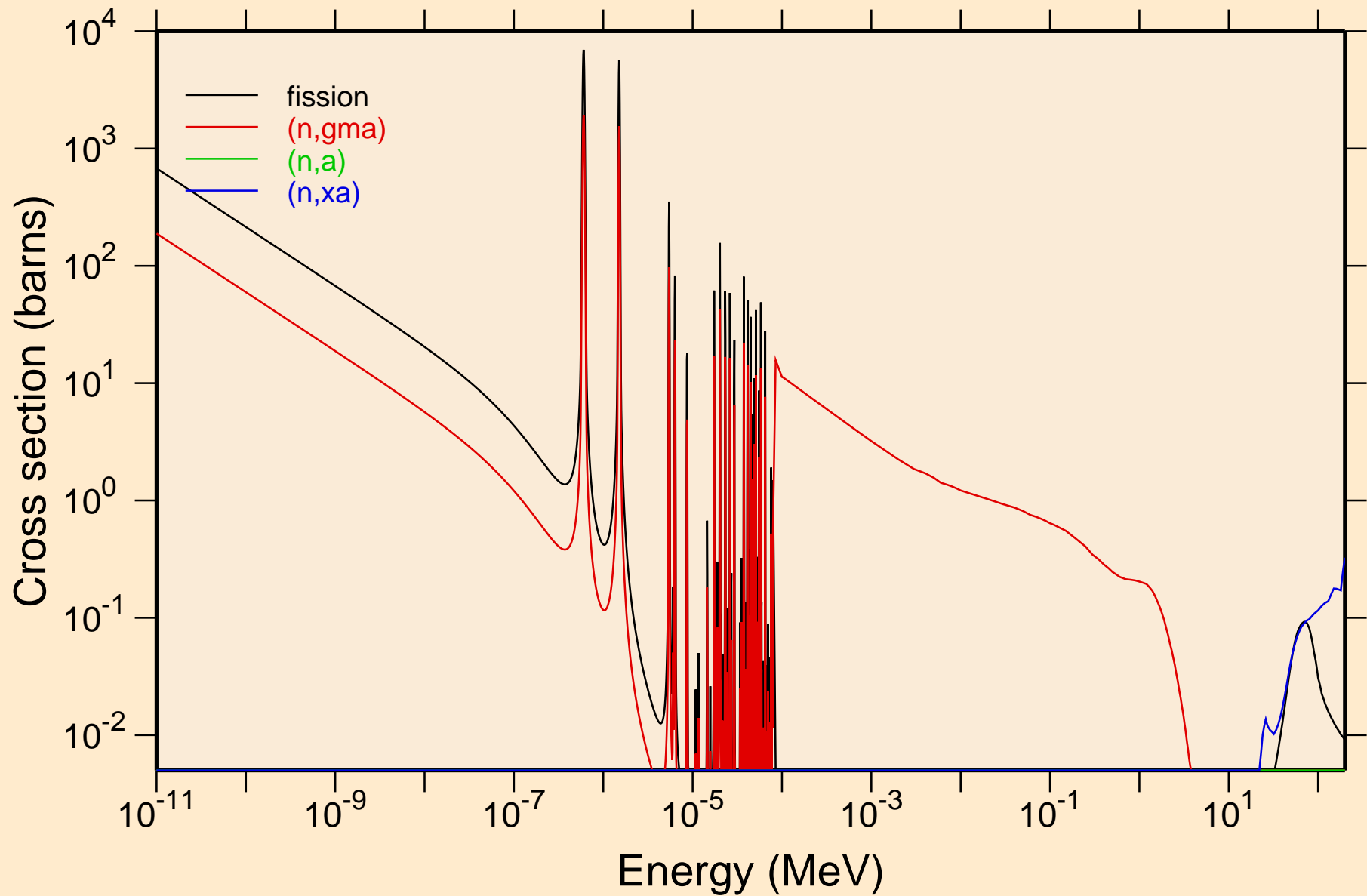
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Heating



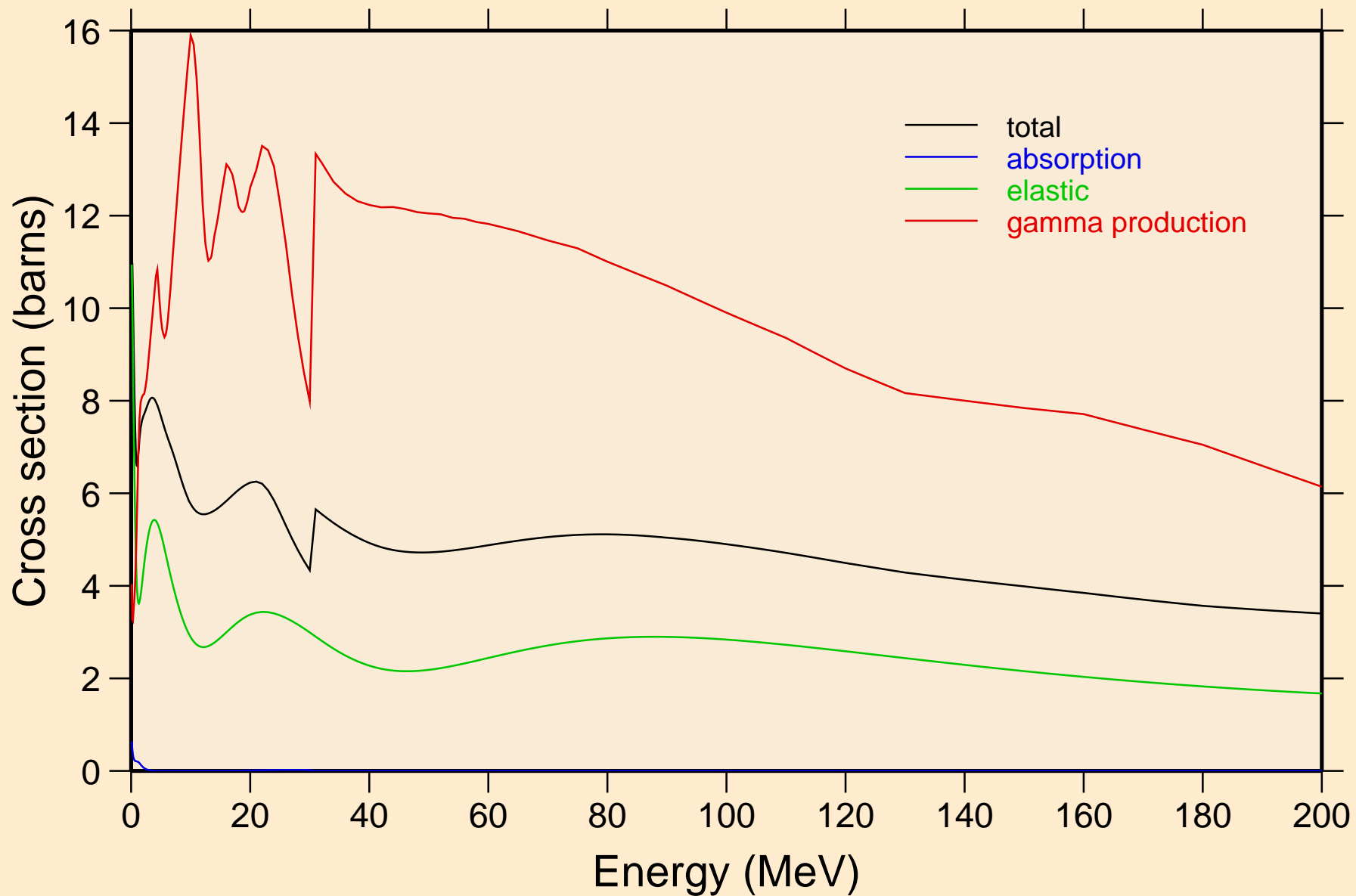
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Damage



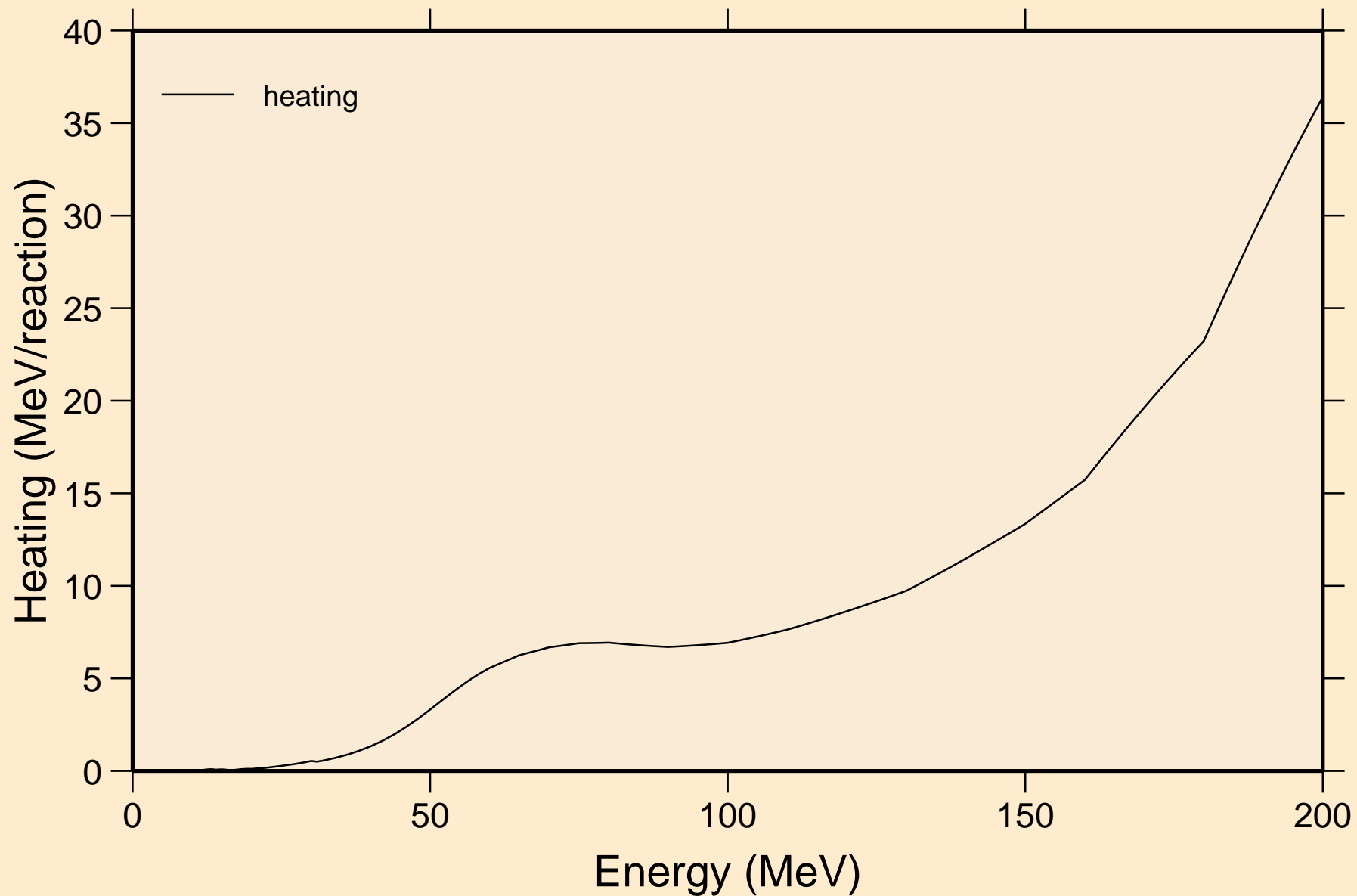
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



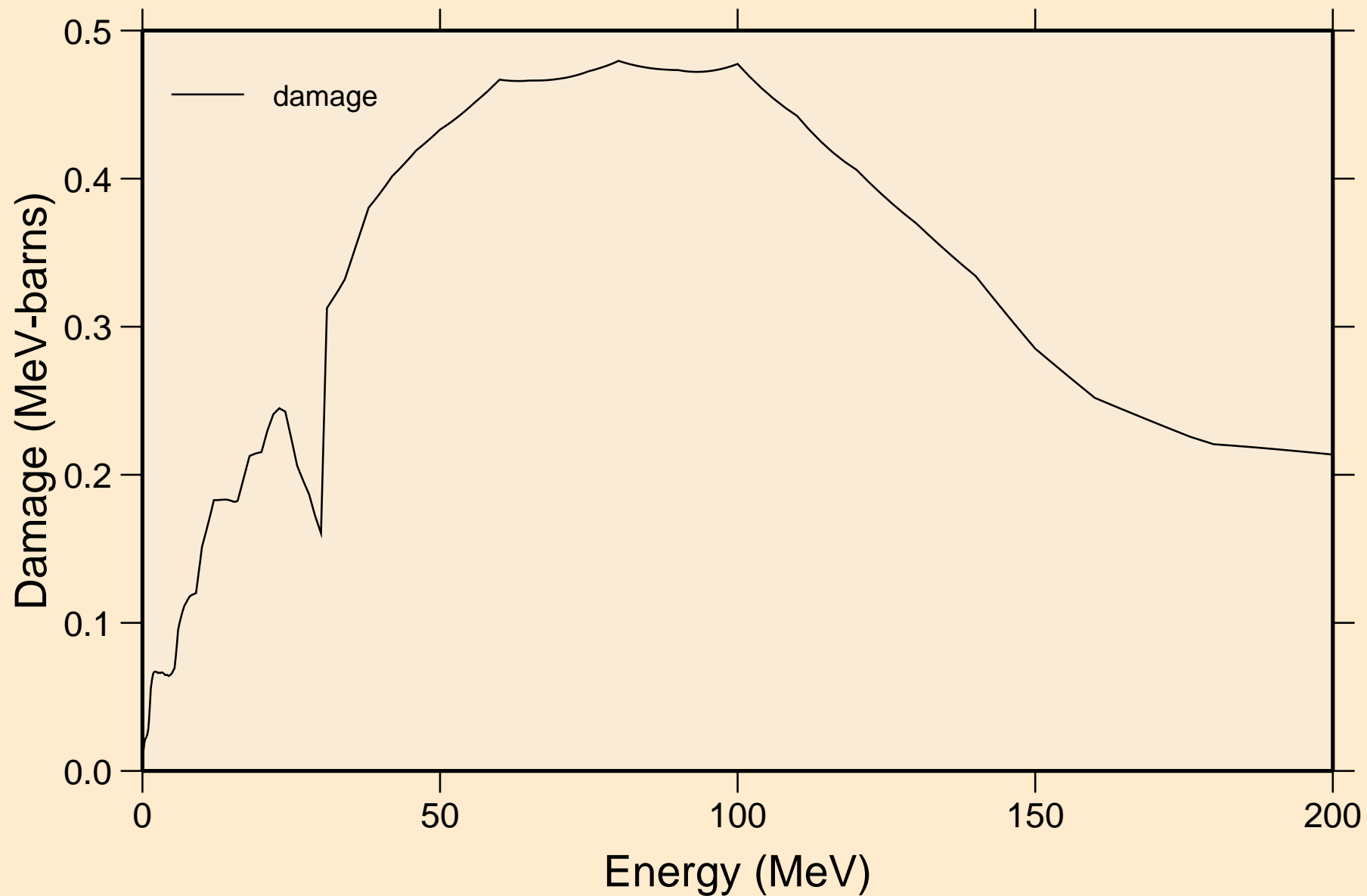
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Principal cross sections



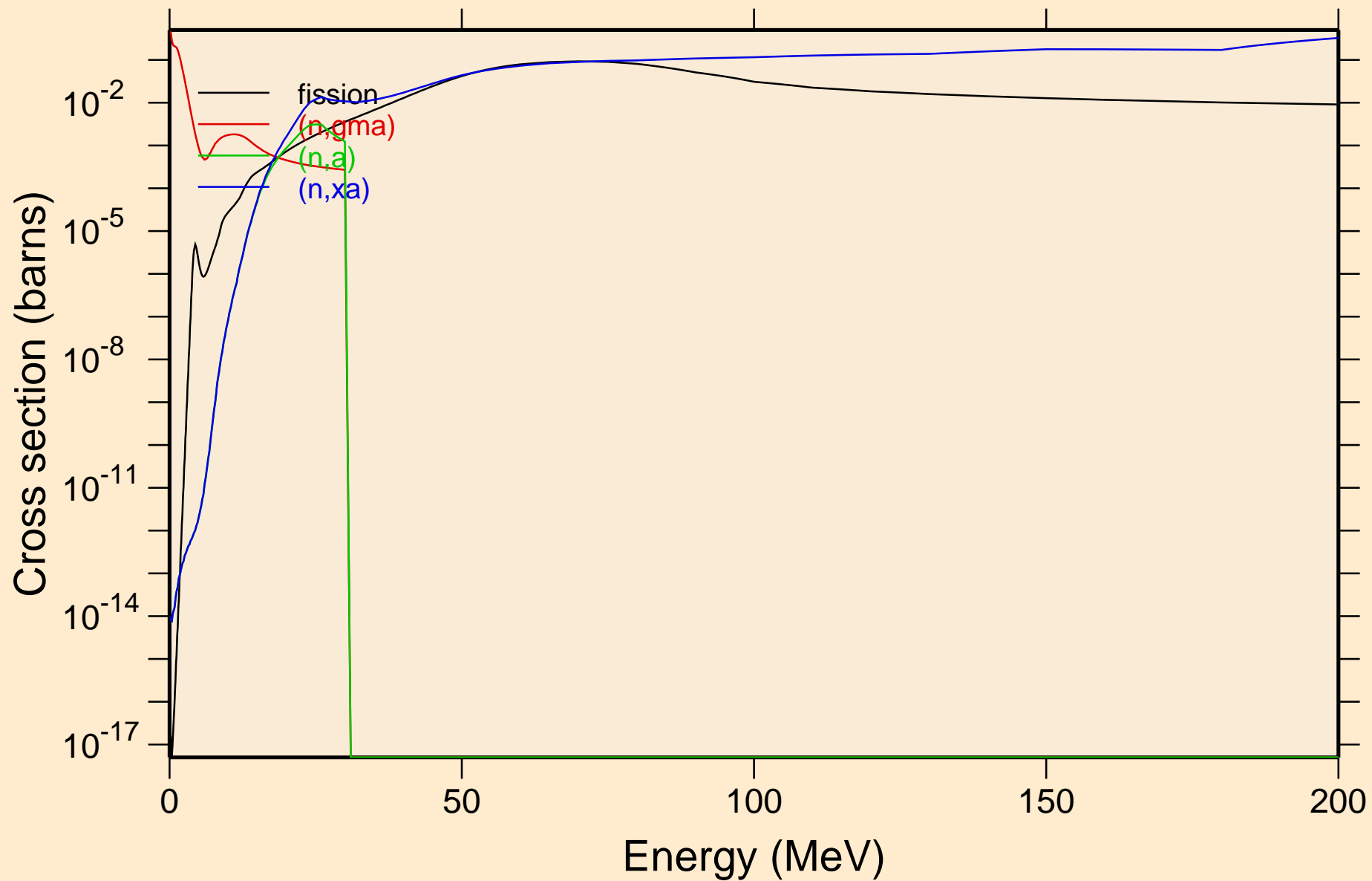
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Heating



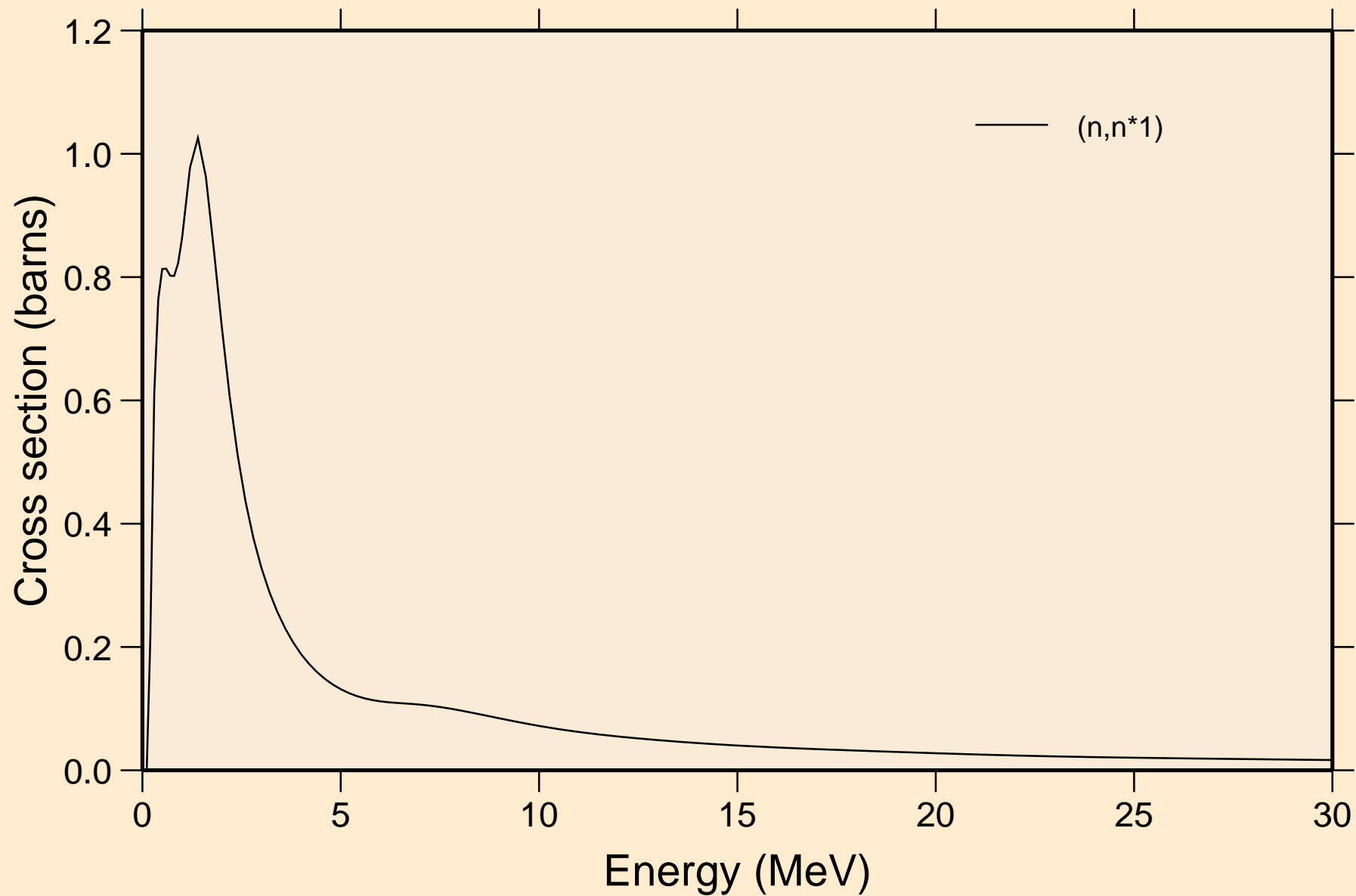
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



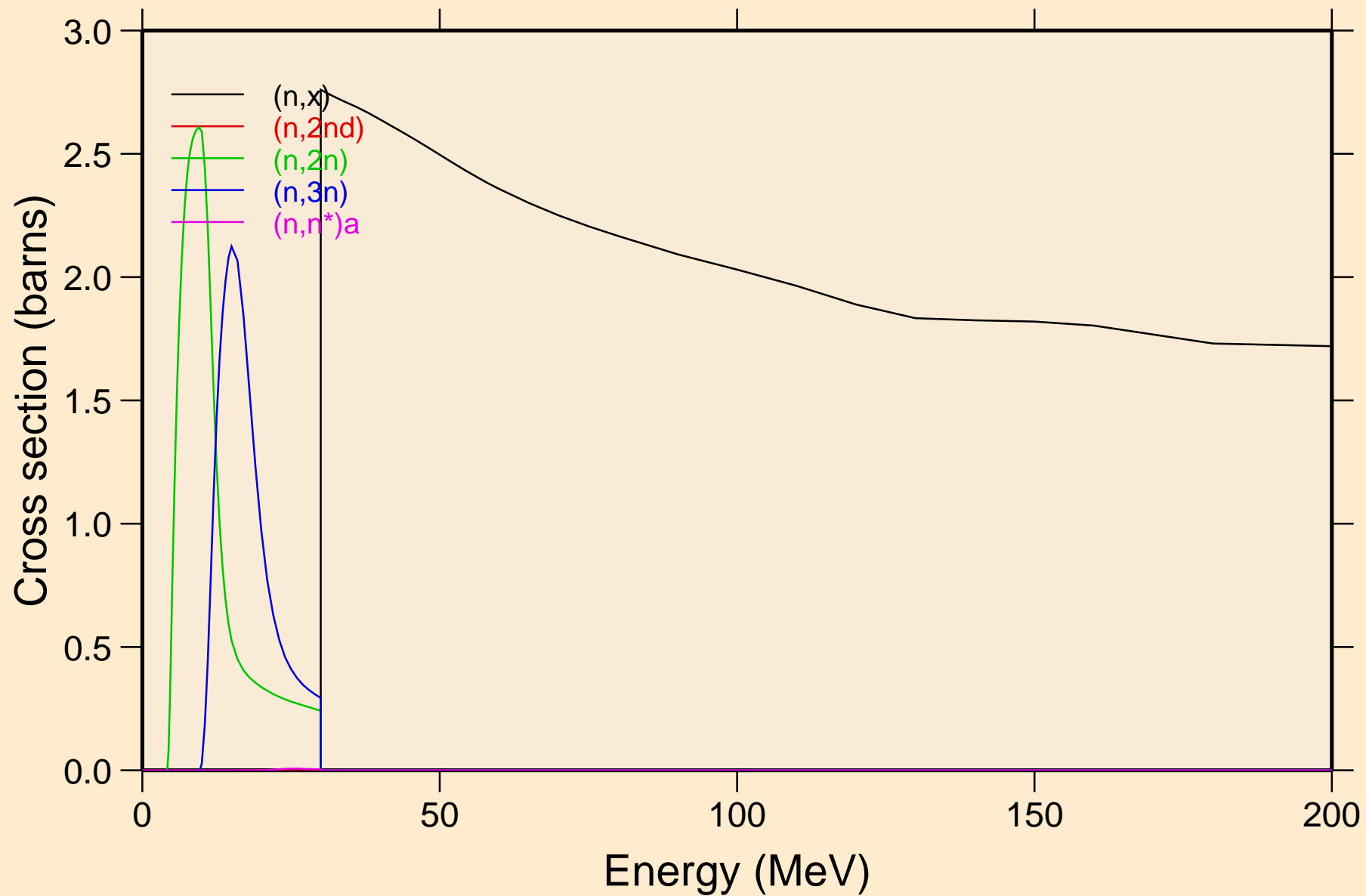
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Non-threshold reactions



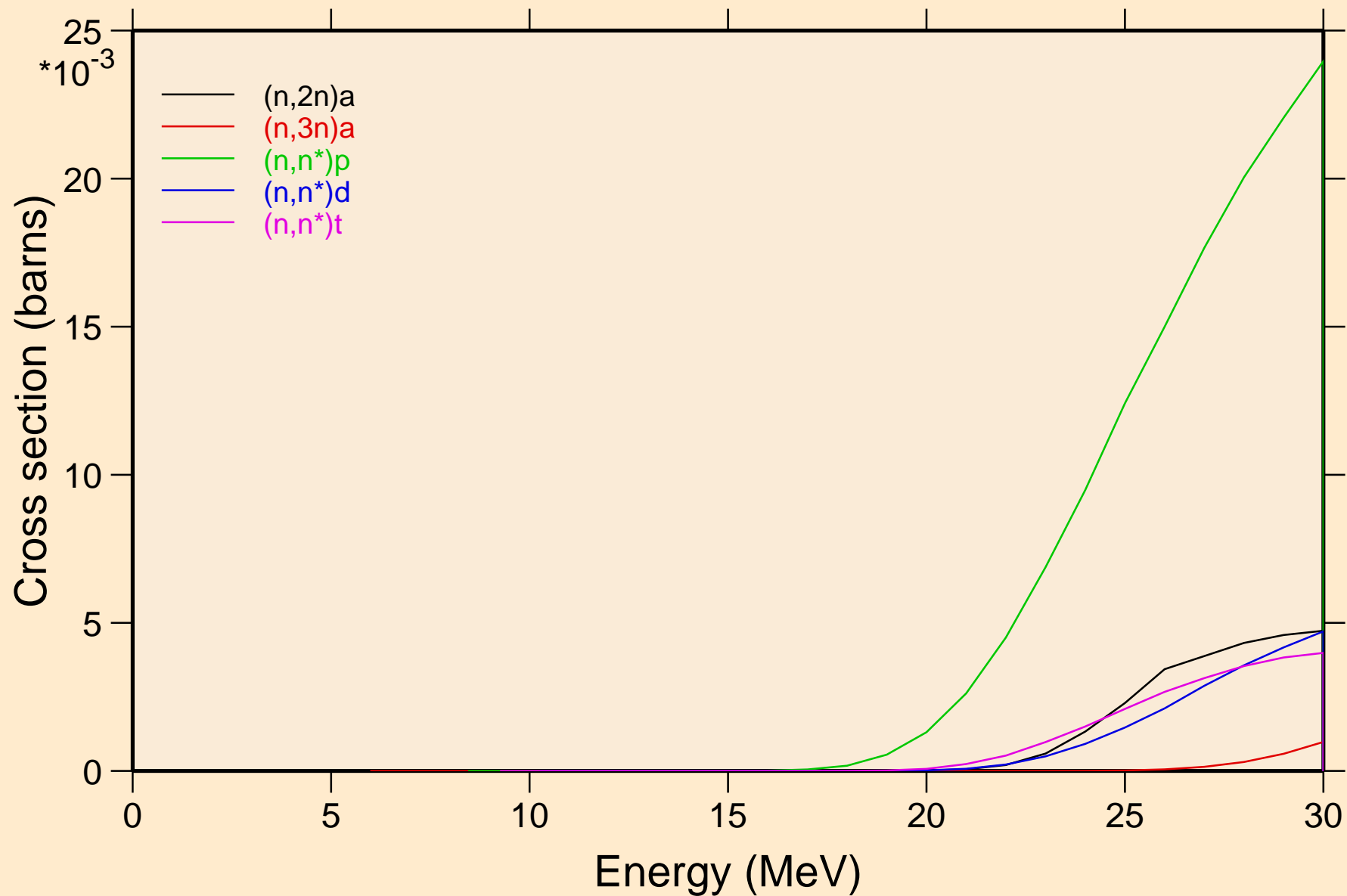
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



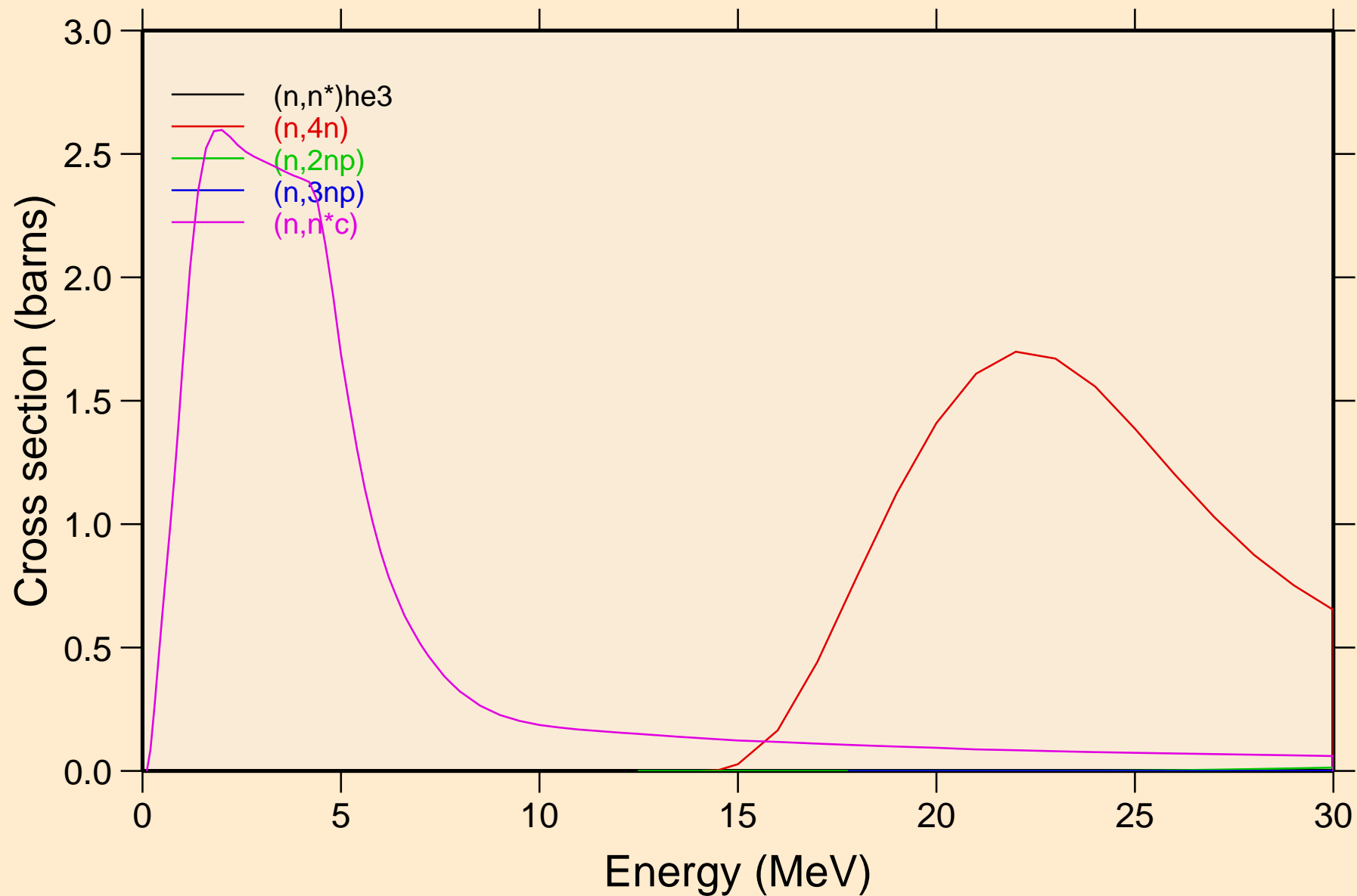
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



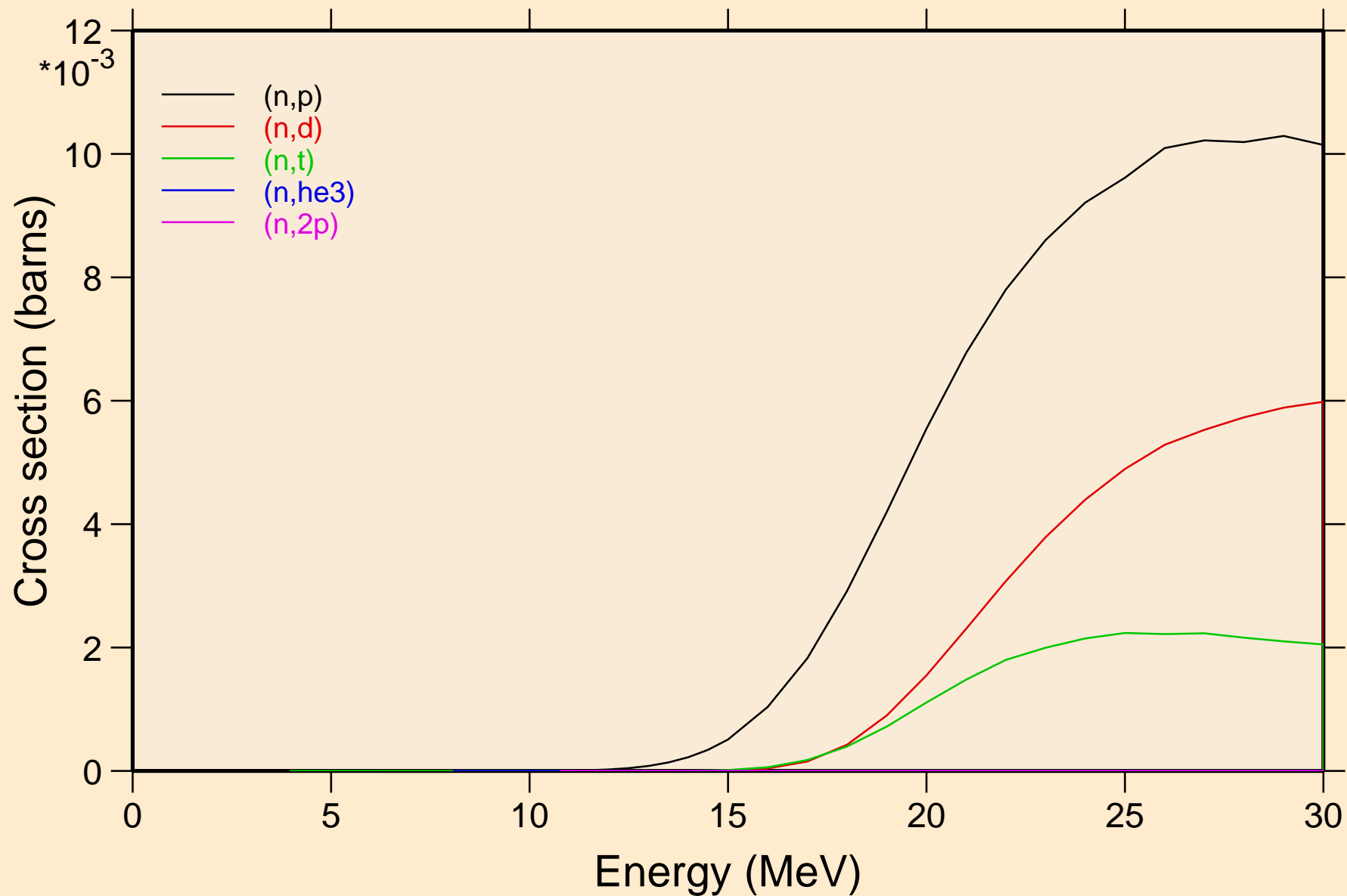
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



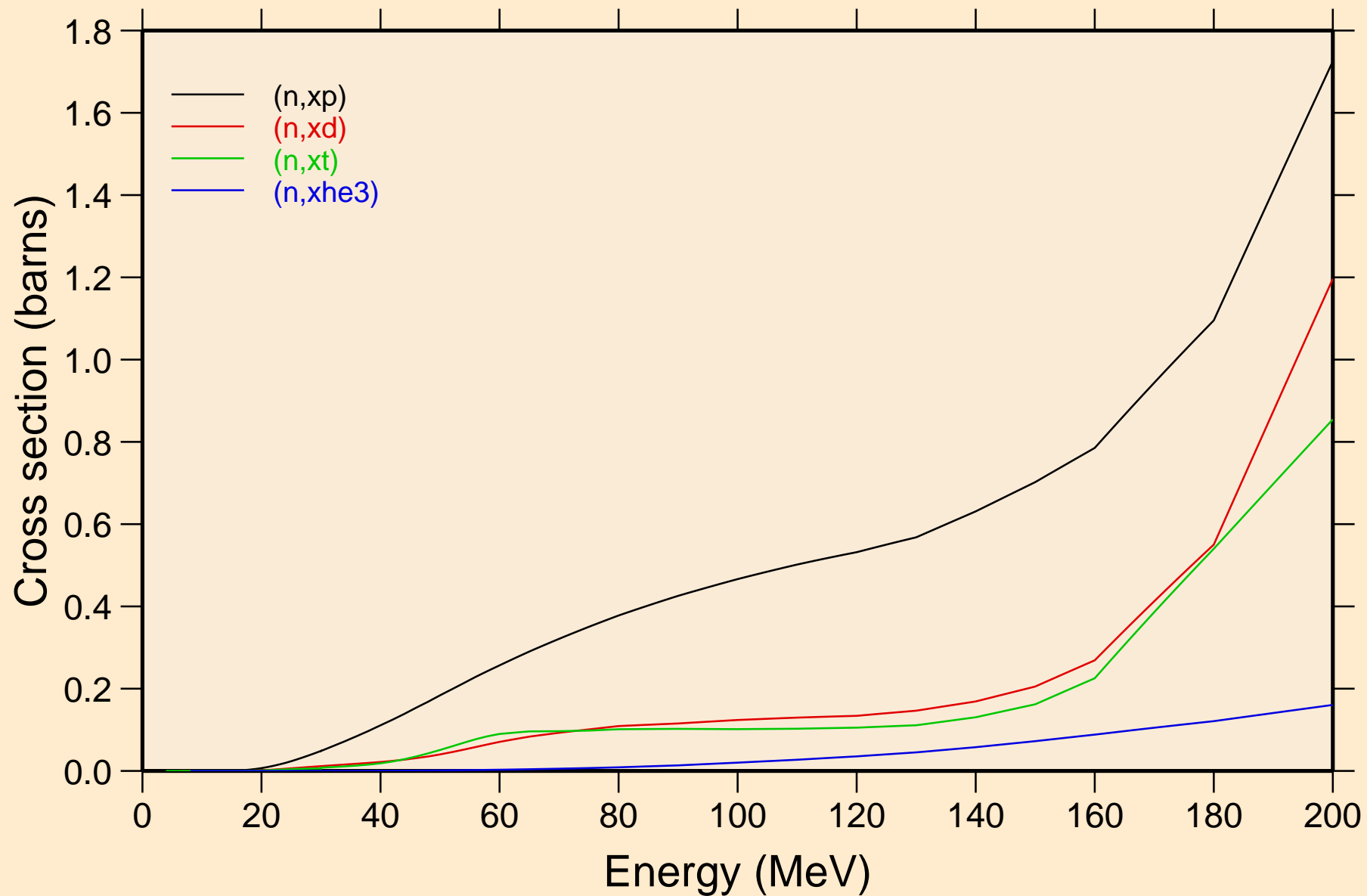
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



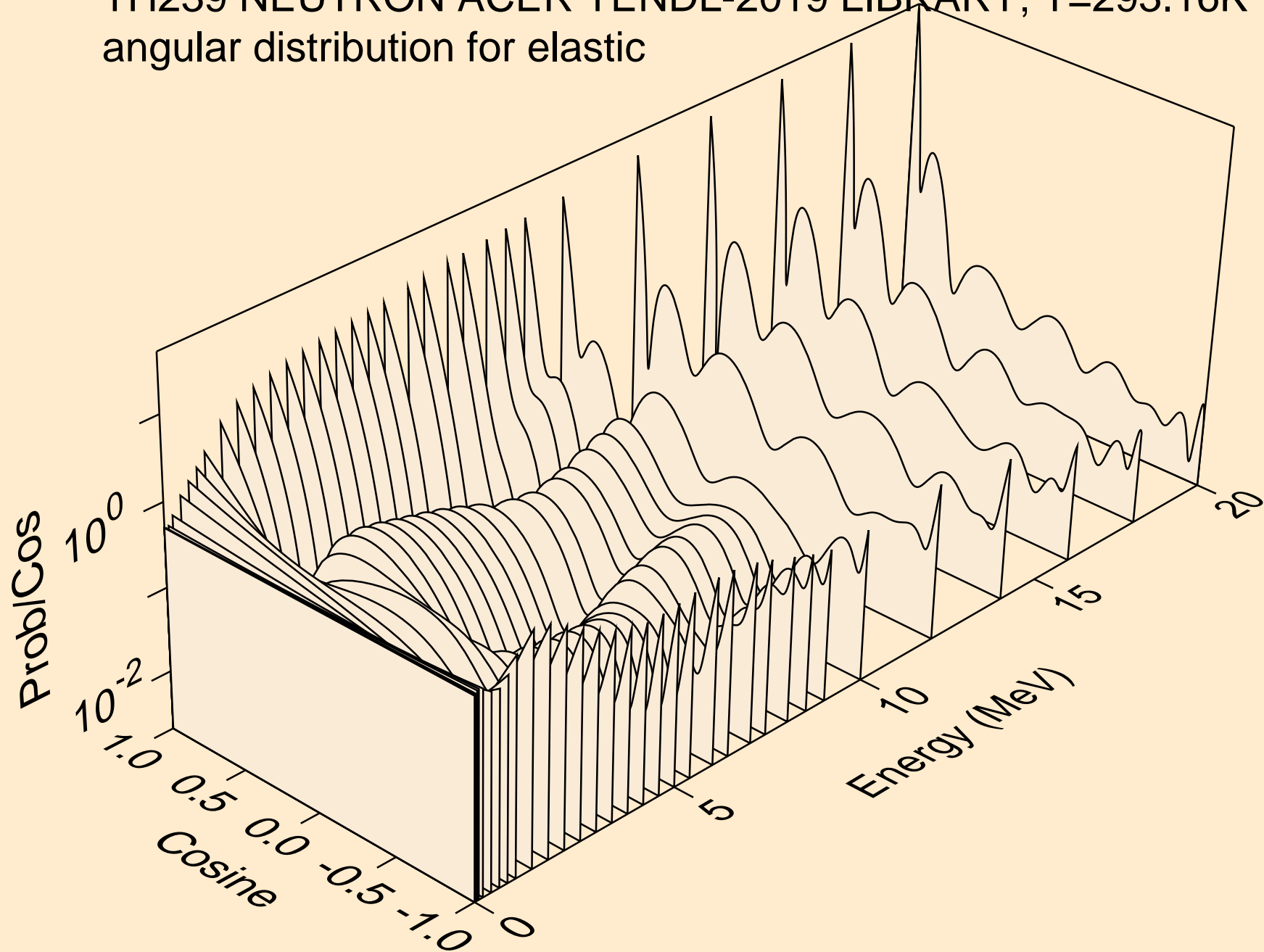
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Threshold reactions



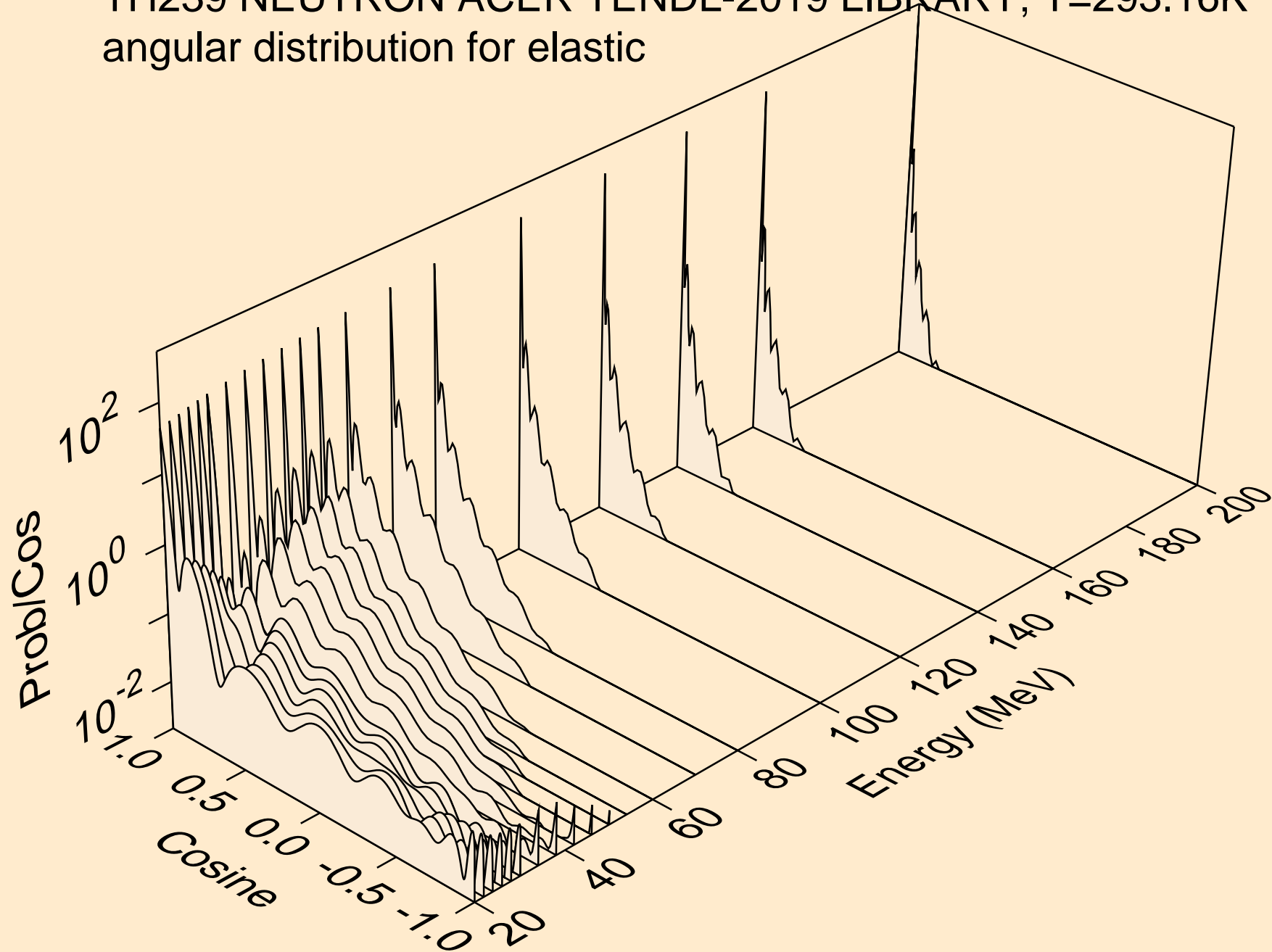
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Threshold reactions



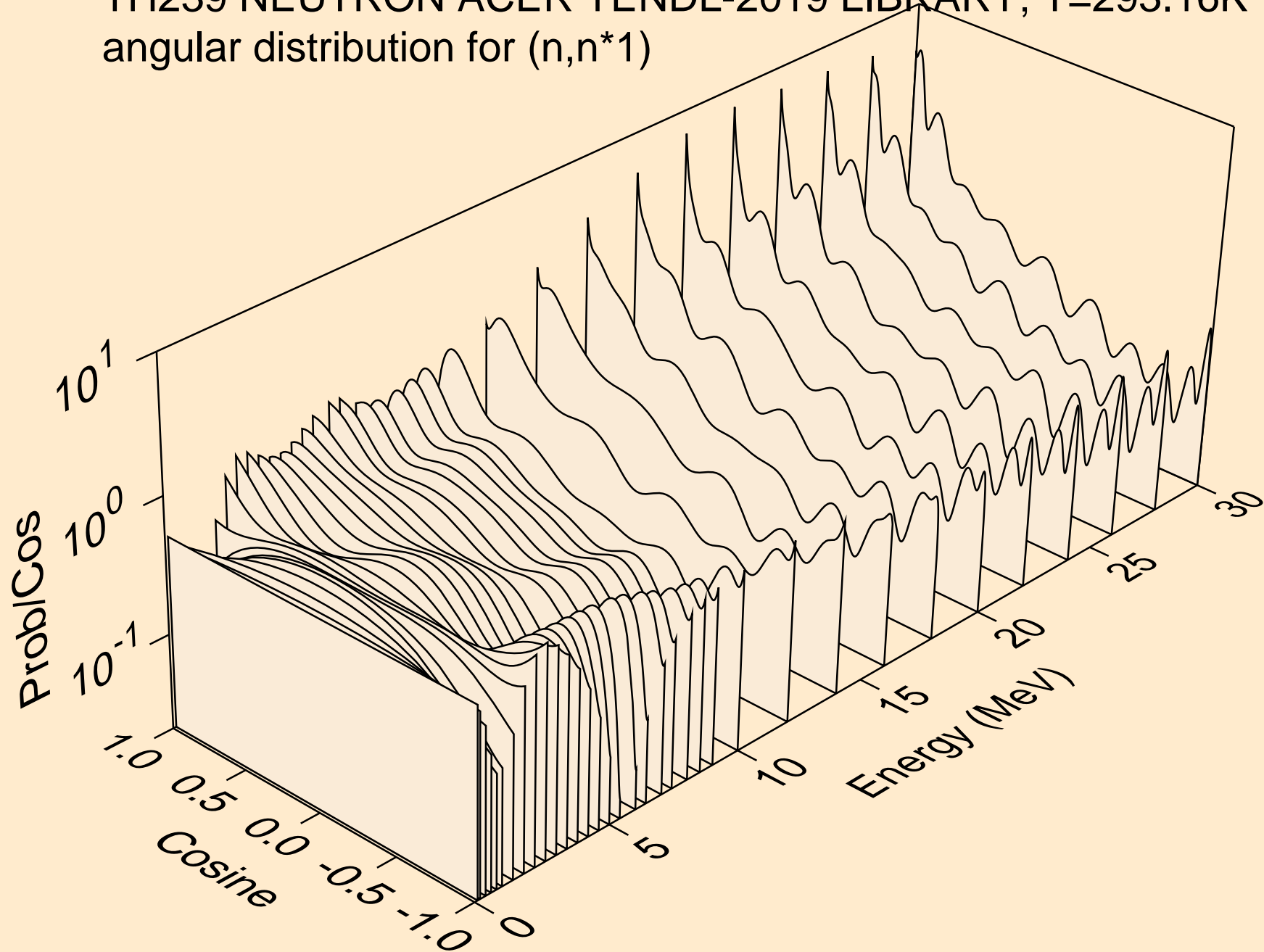
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angular distribution for elastic



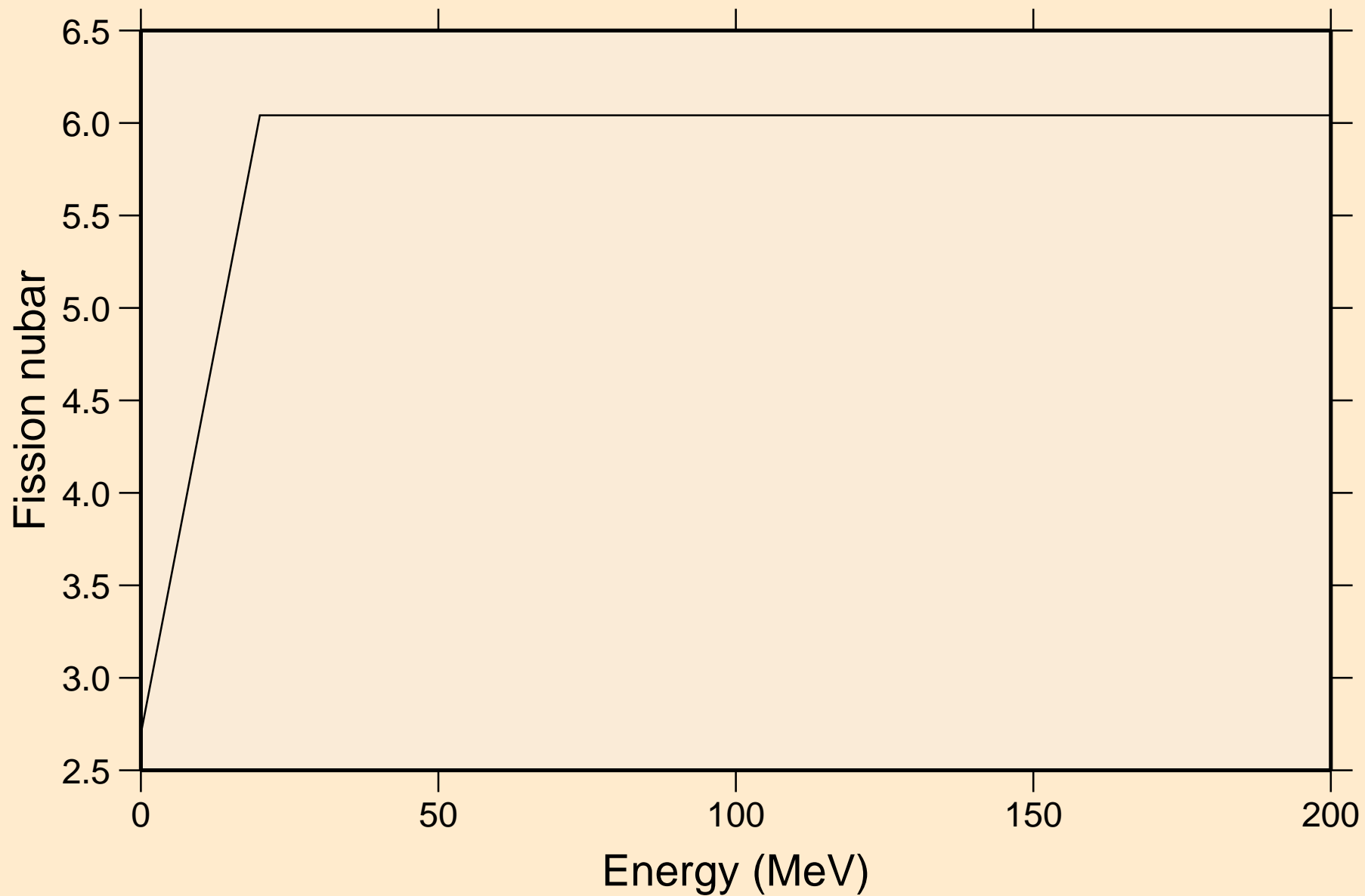
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angular distribution for elastic



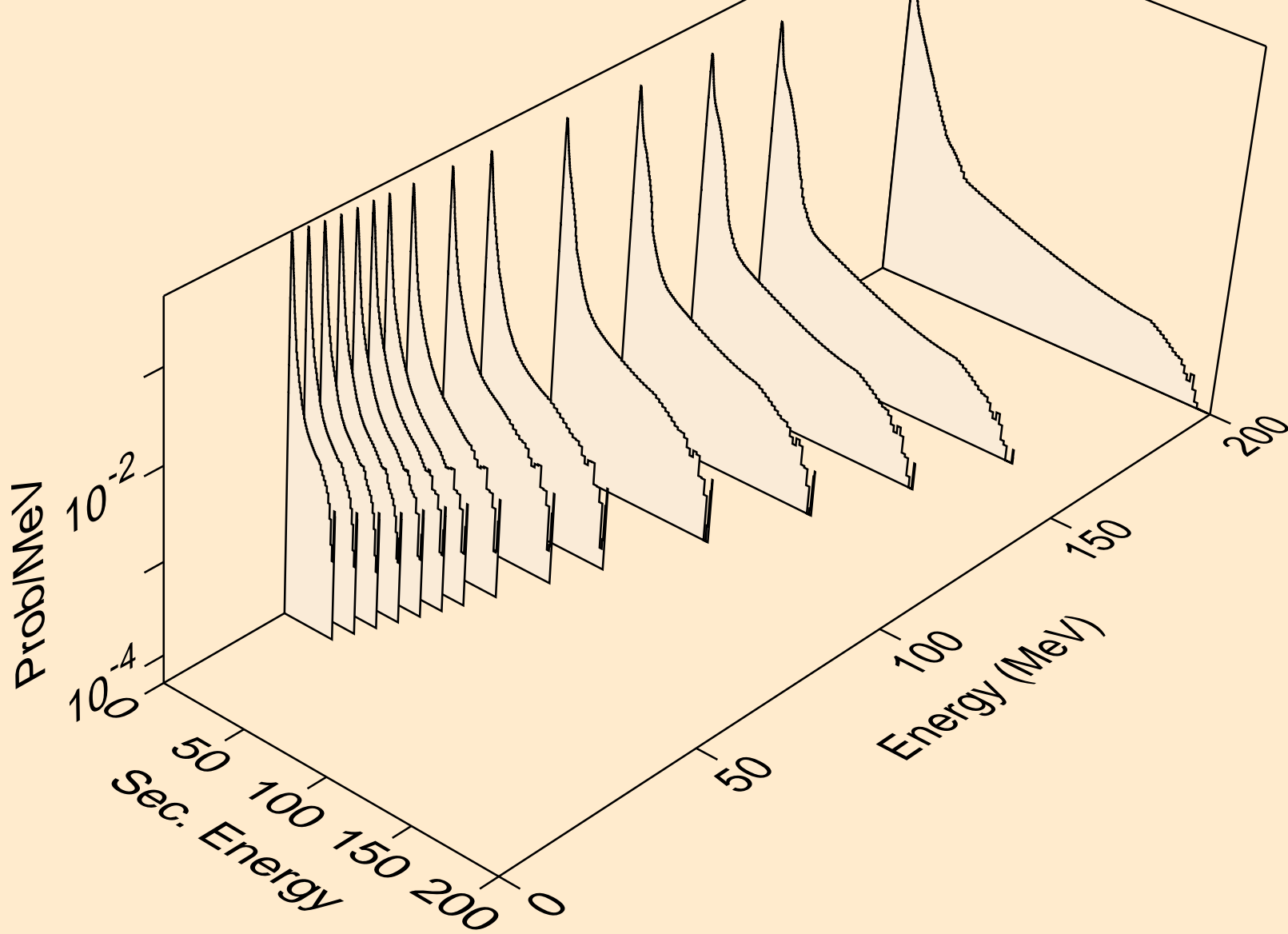
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



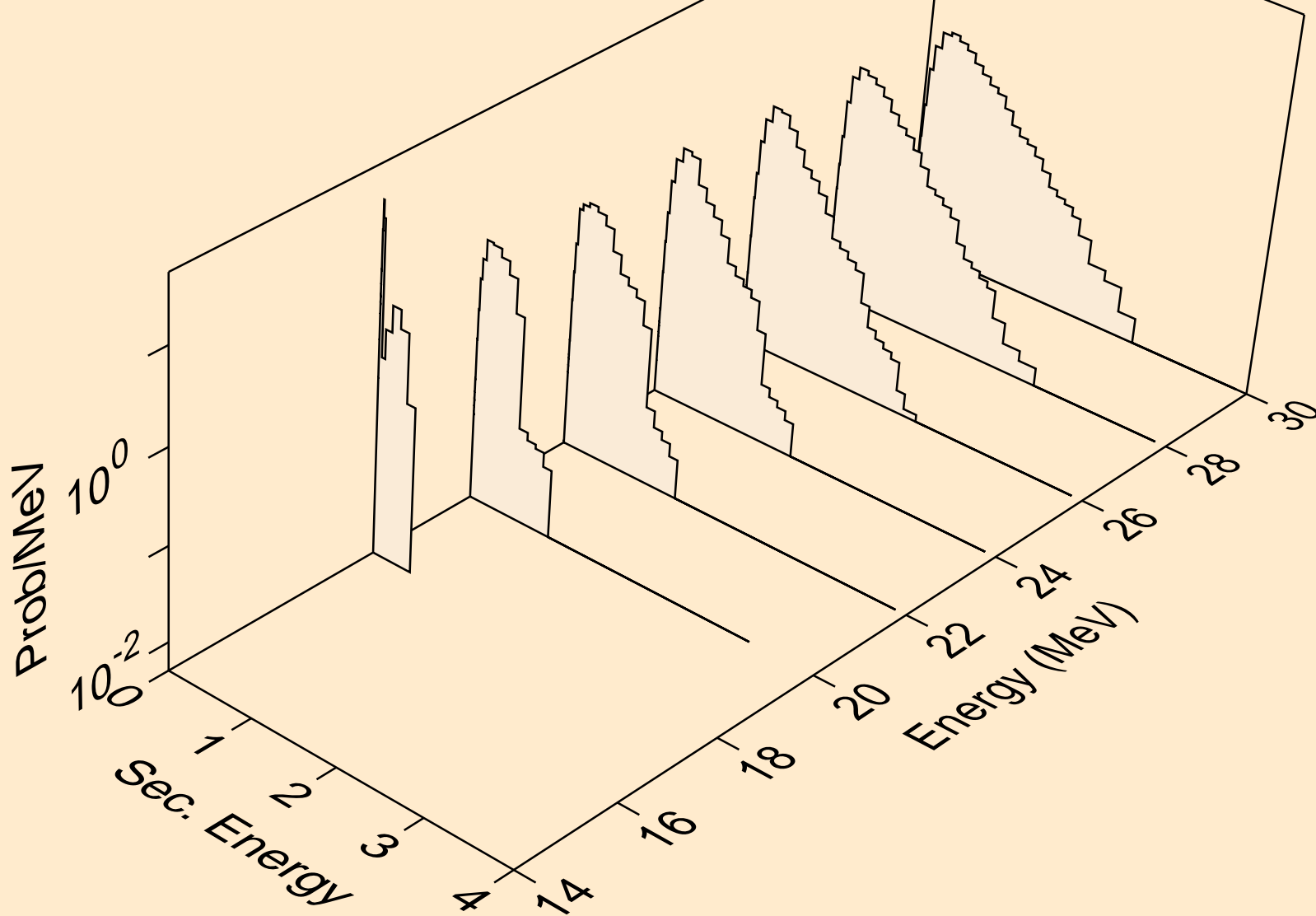
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Total fission nubar



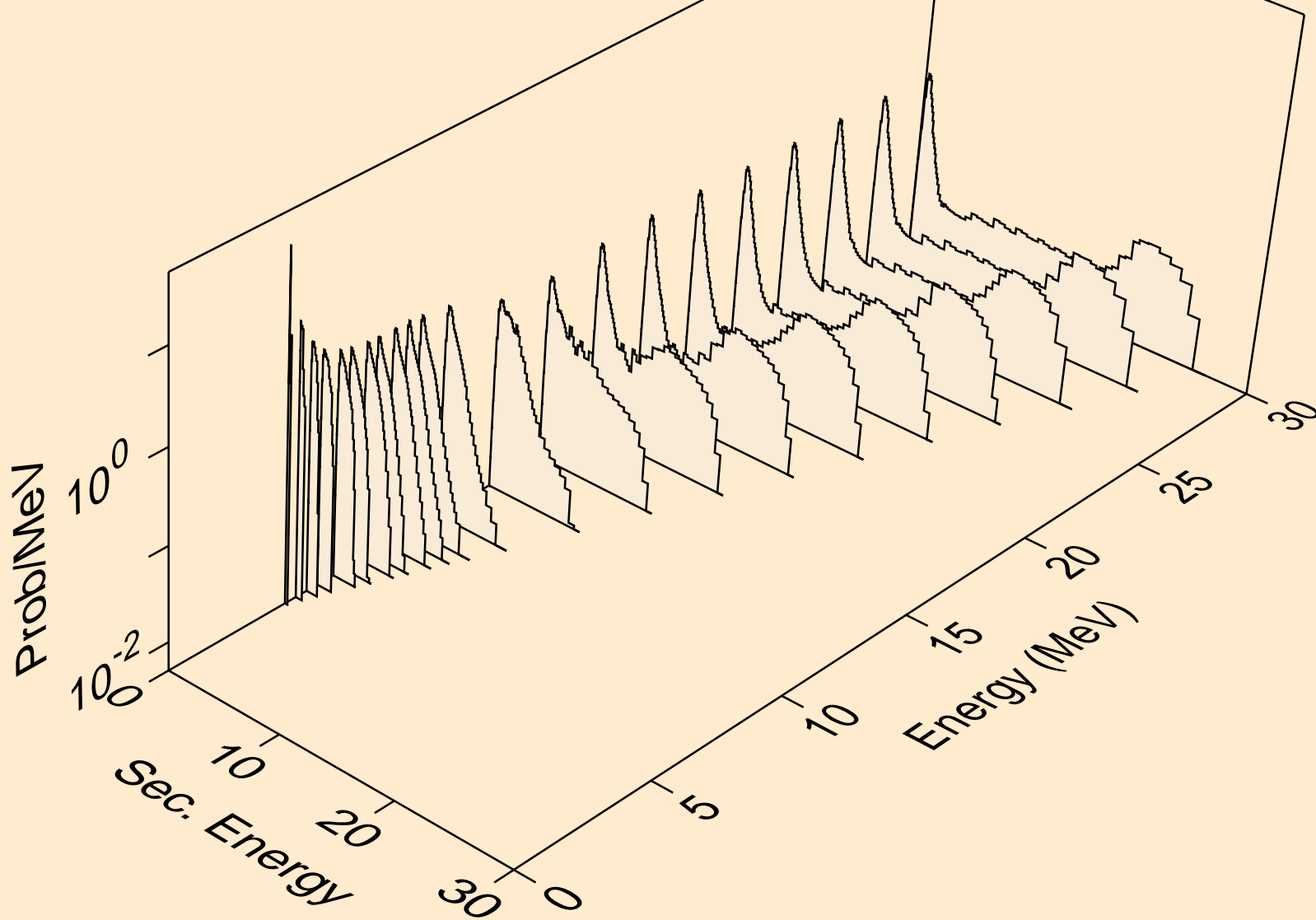
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



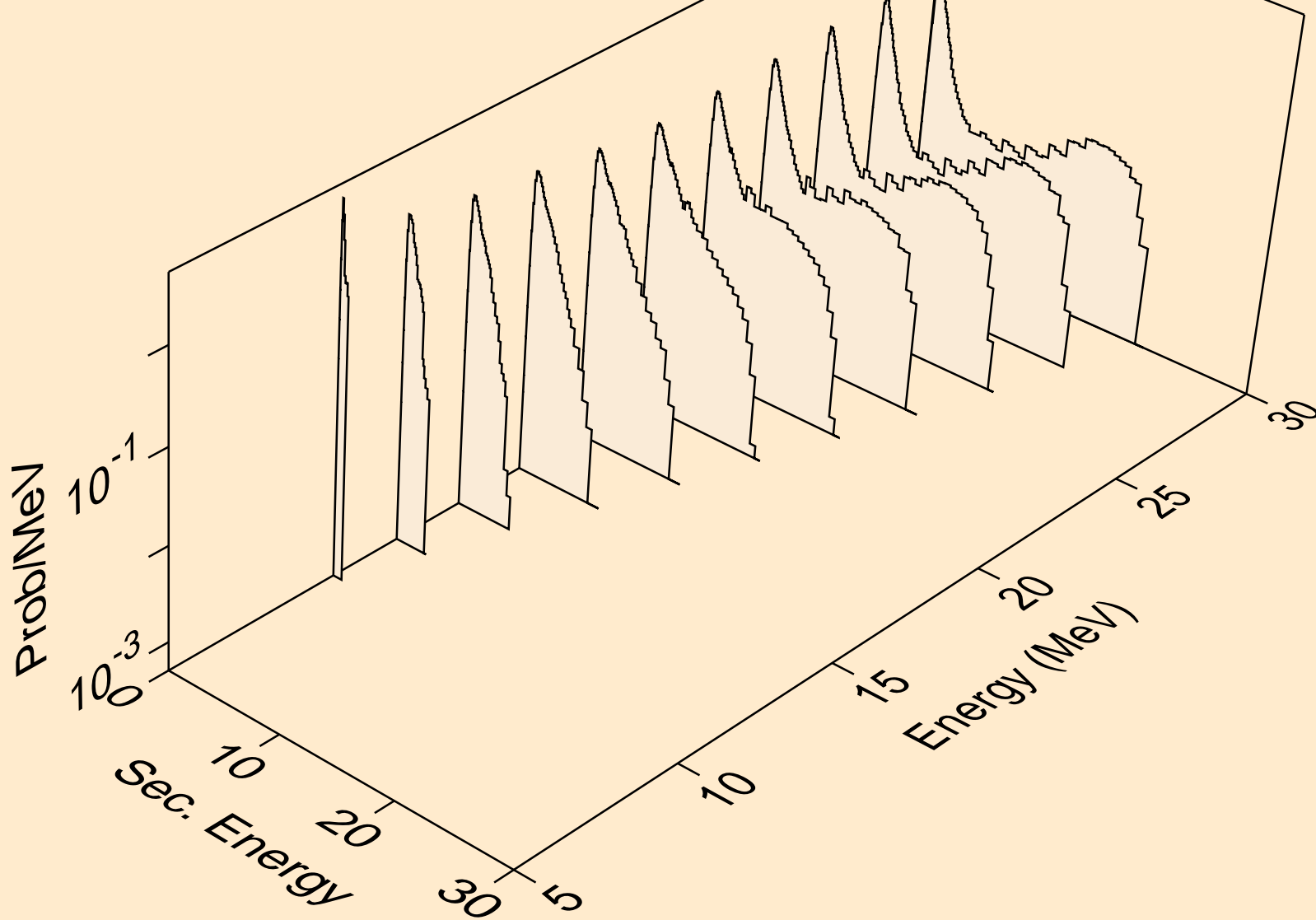
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



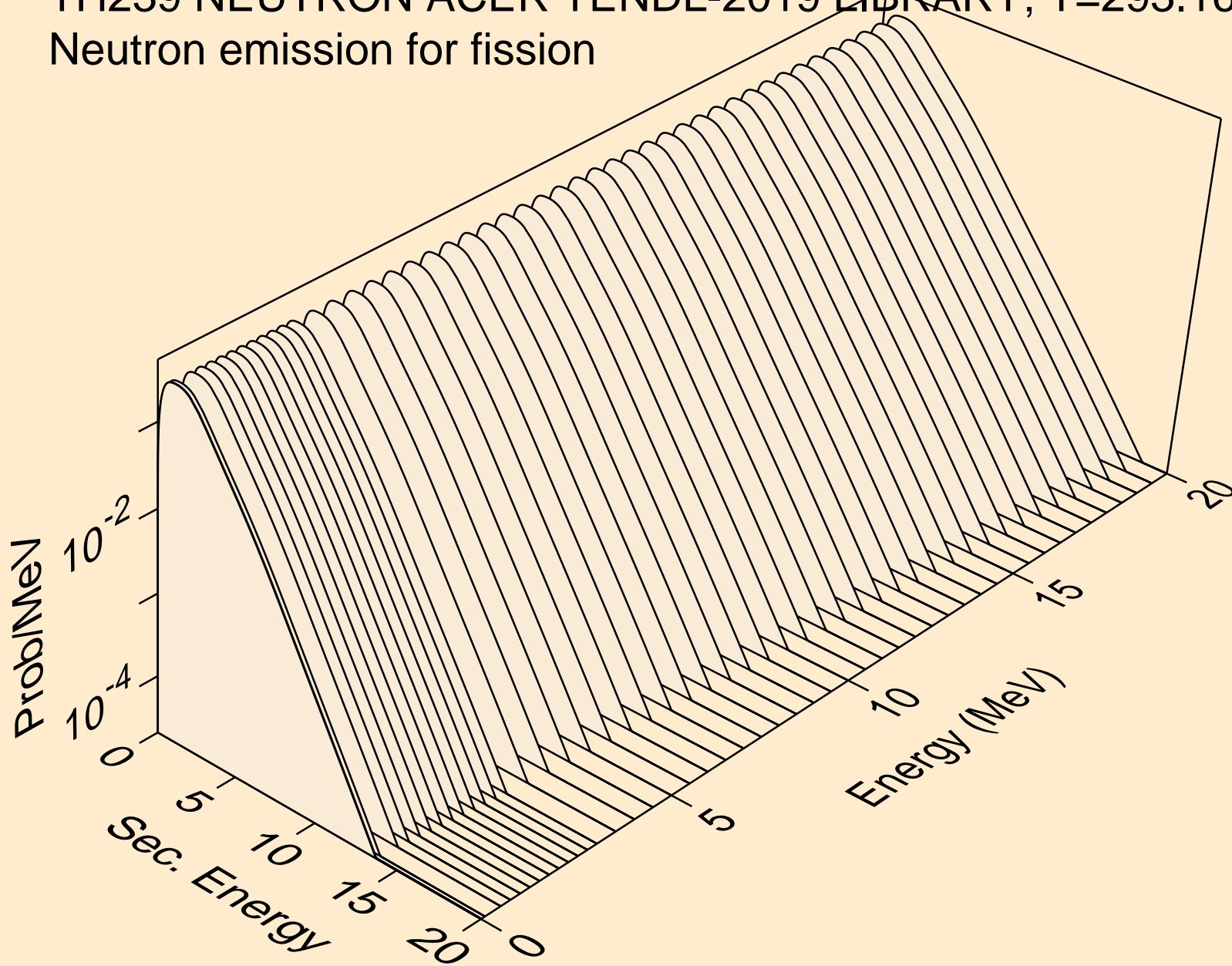
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



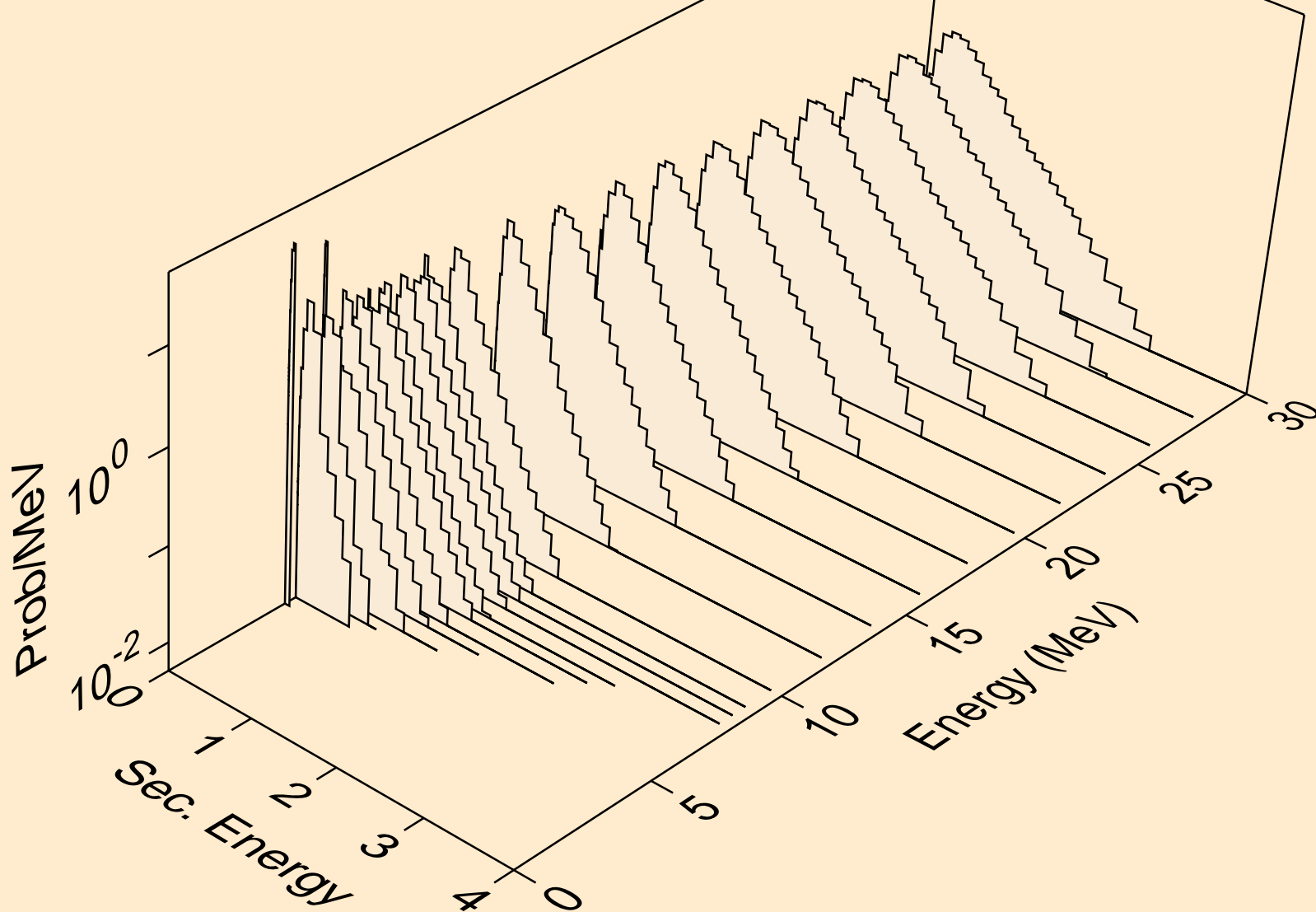
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



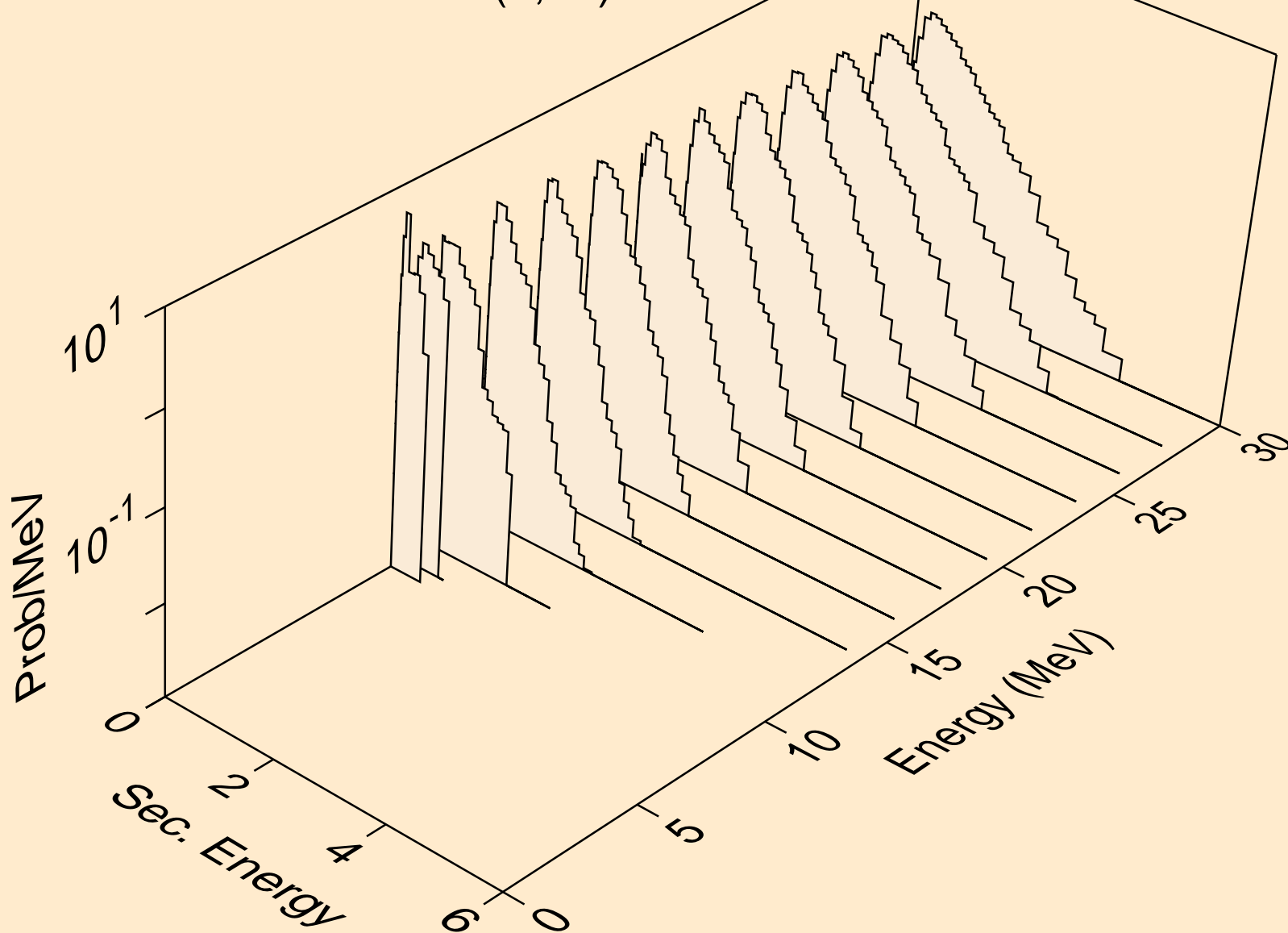
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for fission



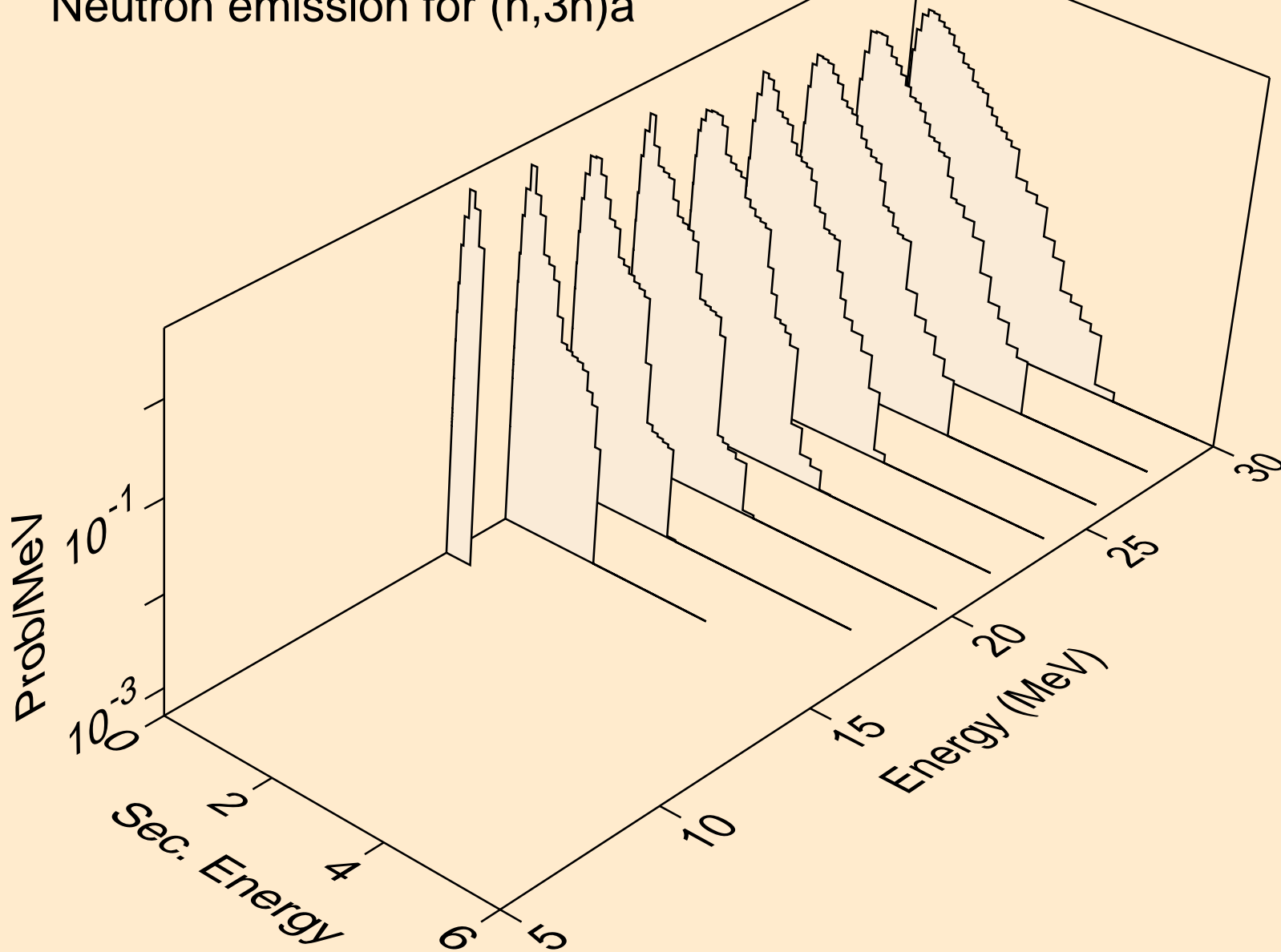
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



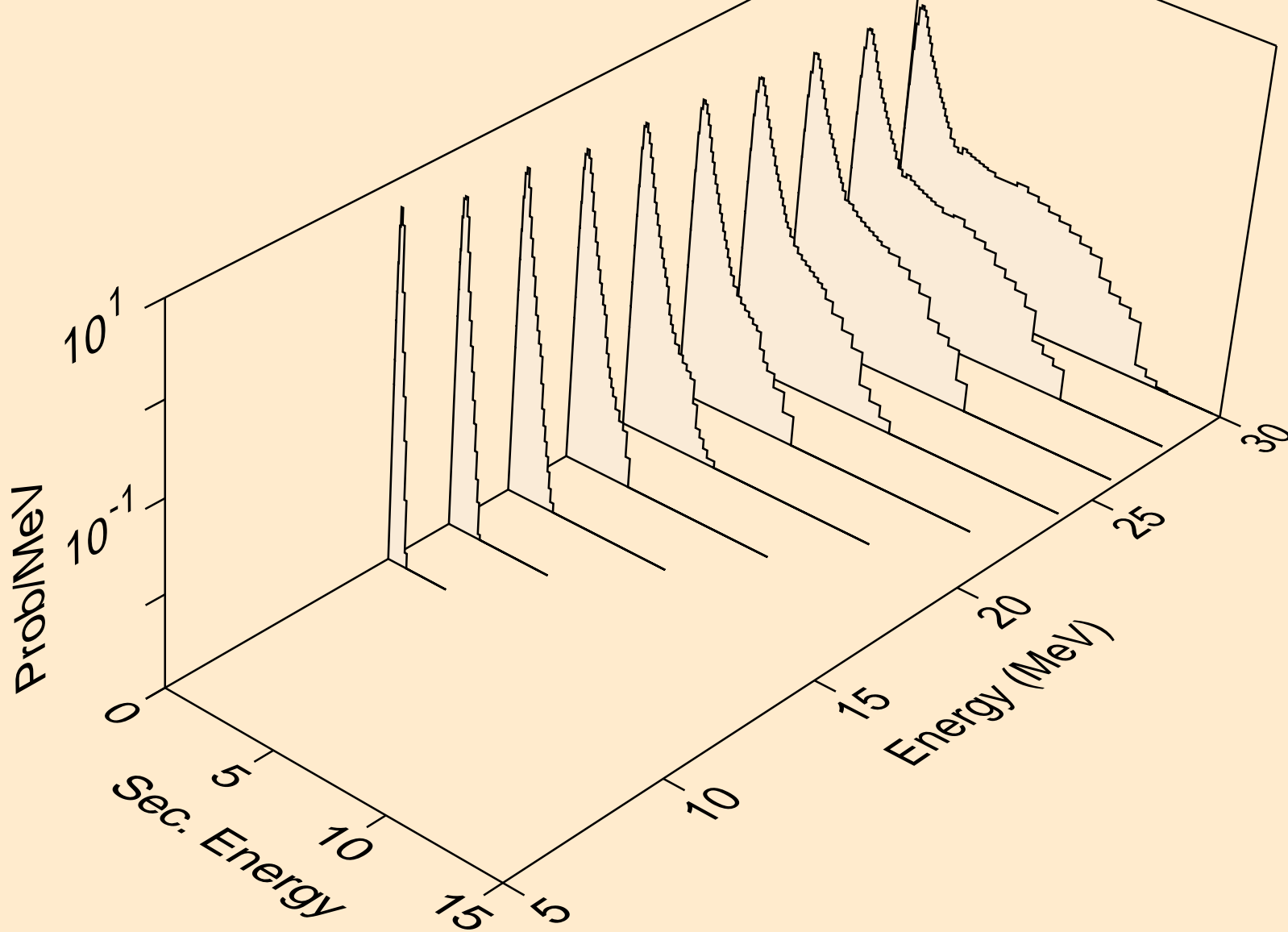
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



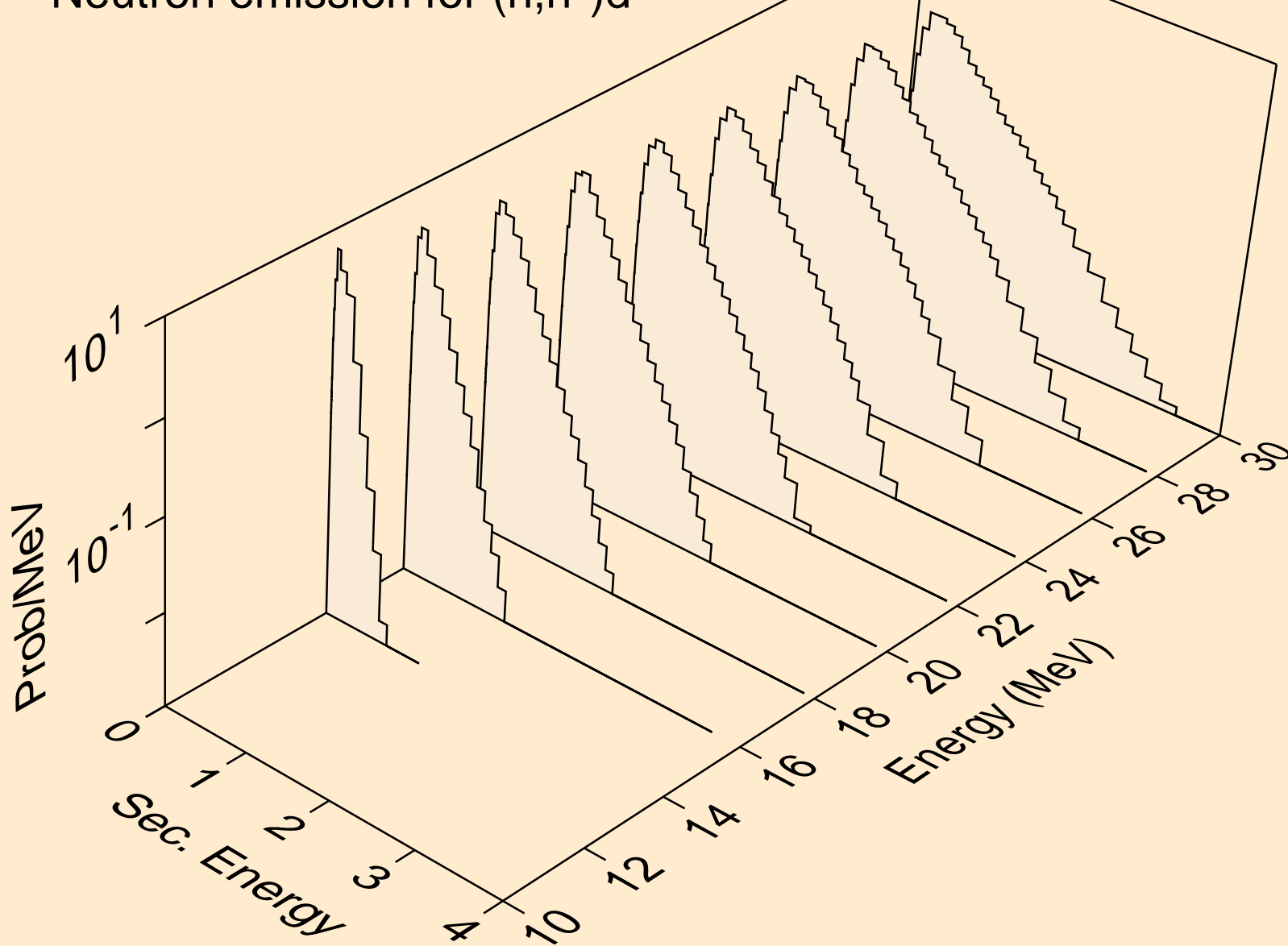
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Neutron emission for (n,3n)a



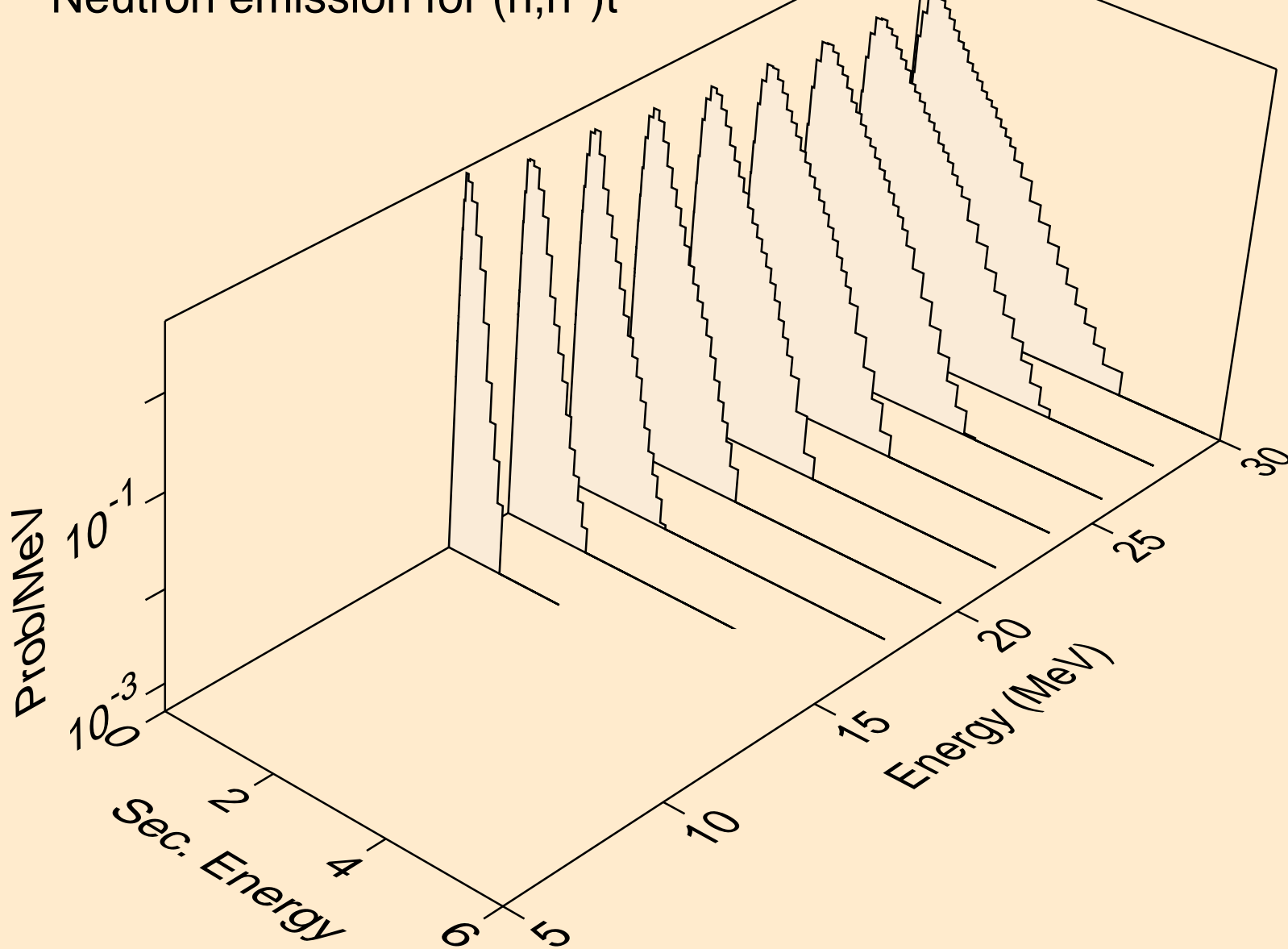
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



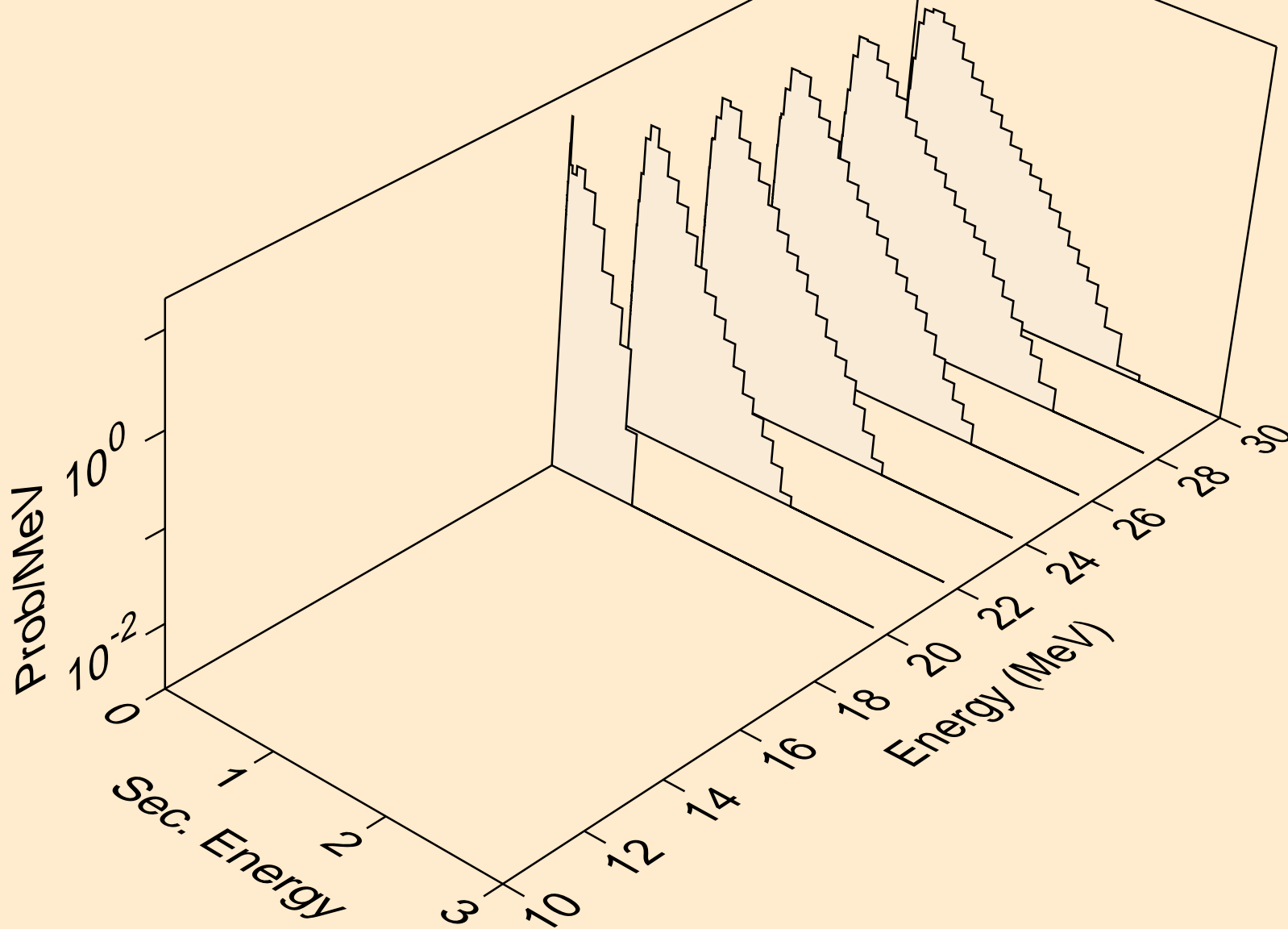
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



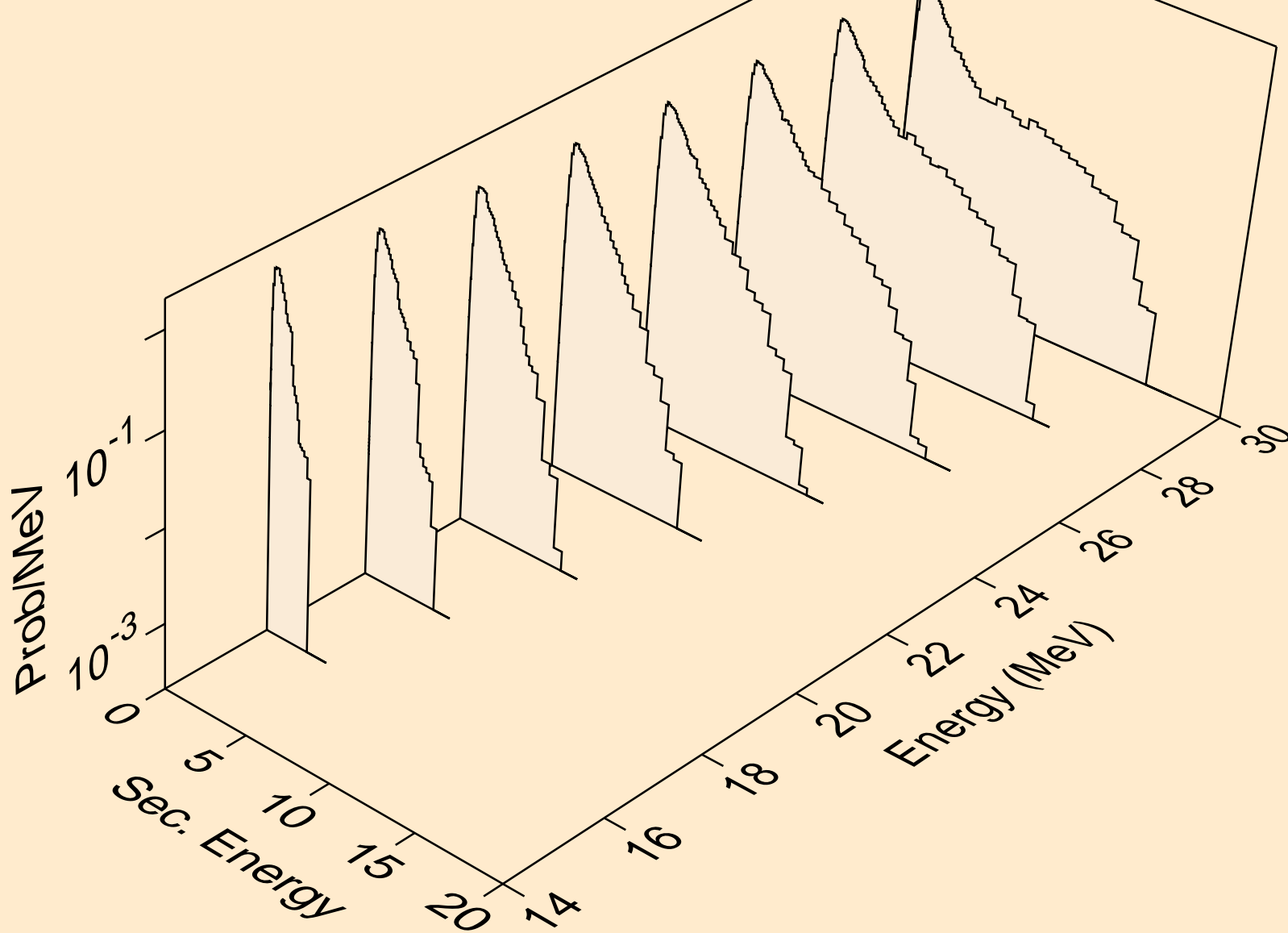
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



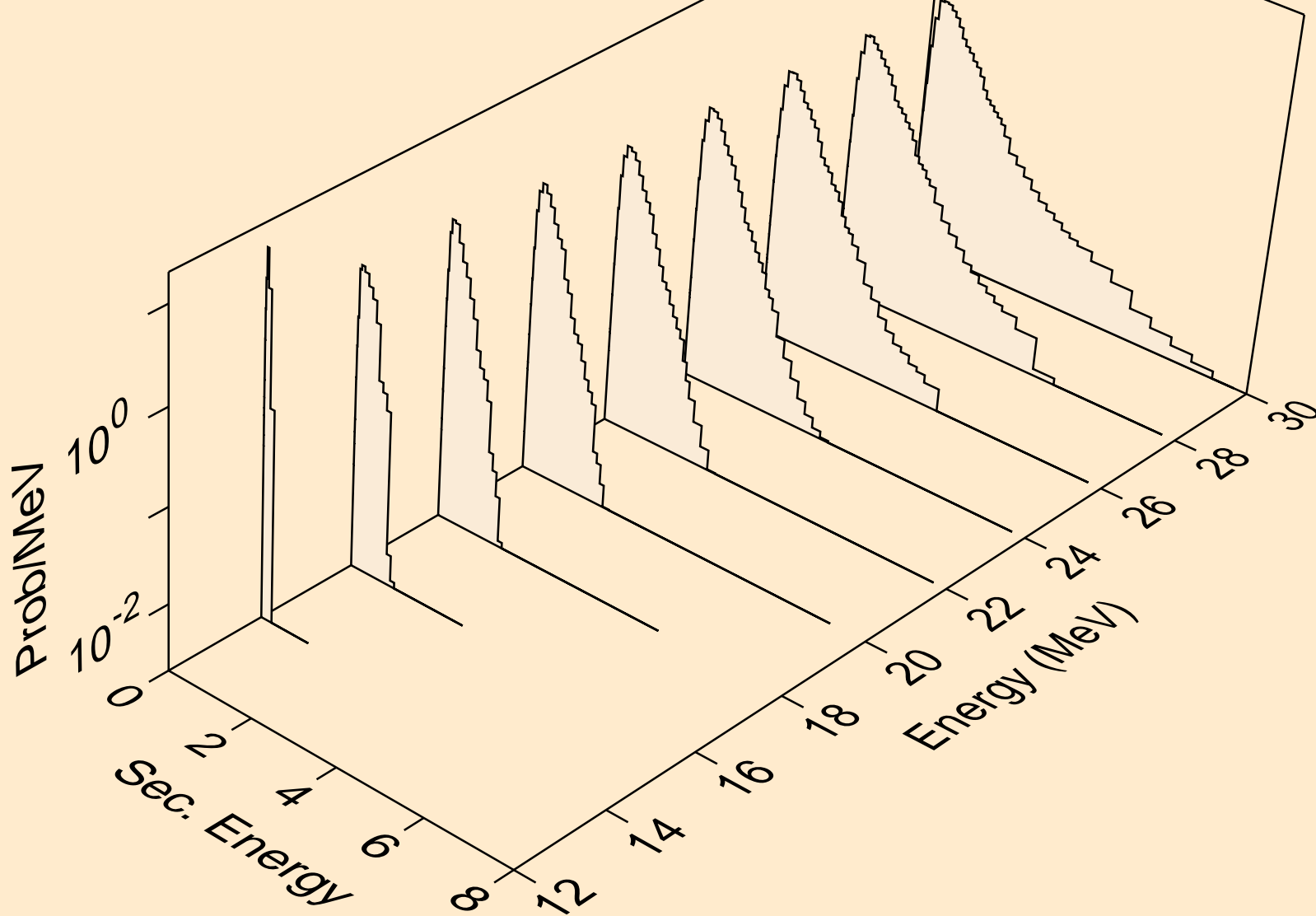
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



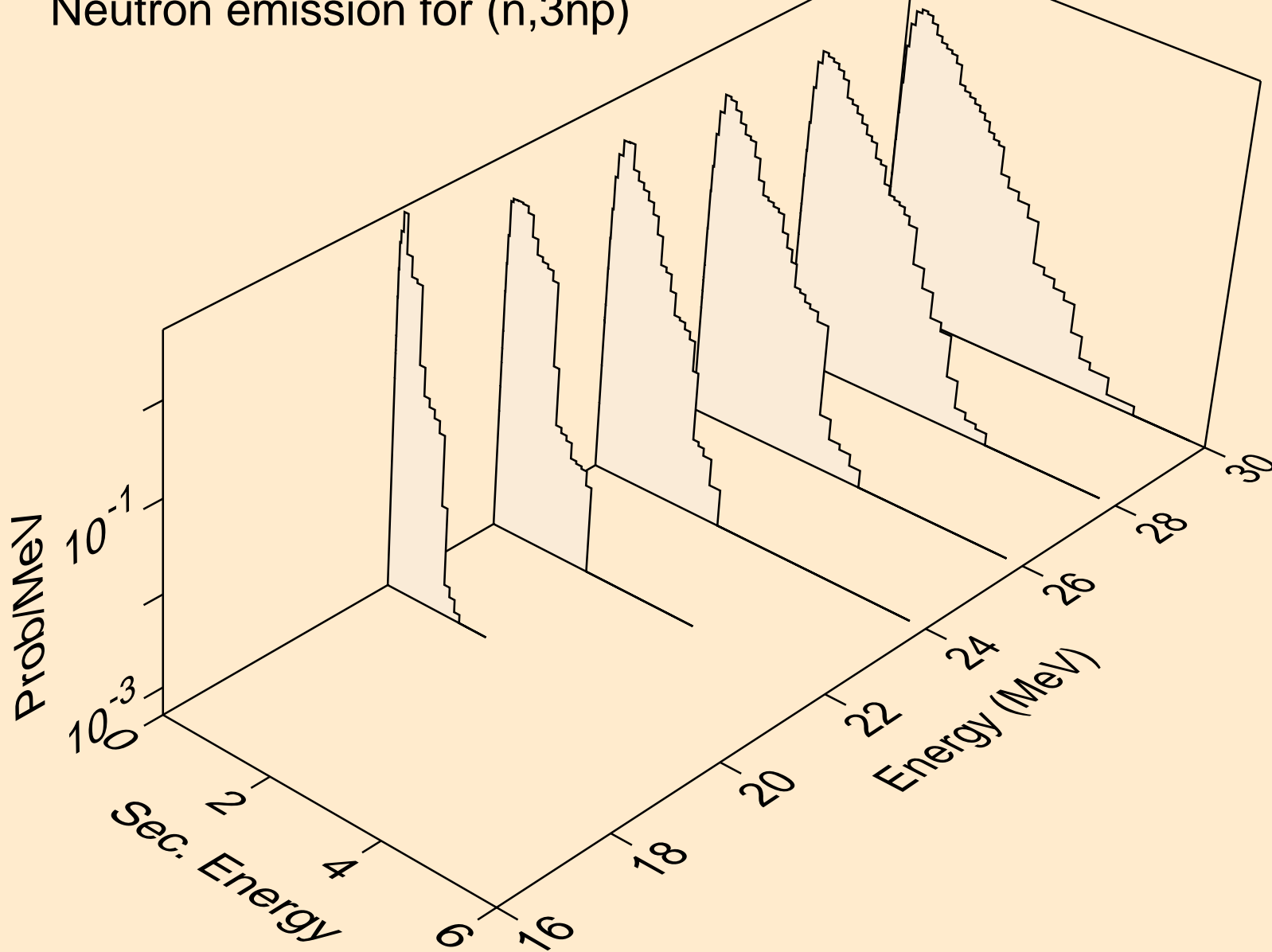
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Neutron emission for (n,4n)



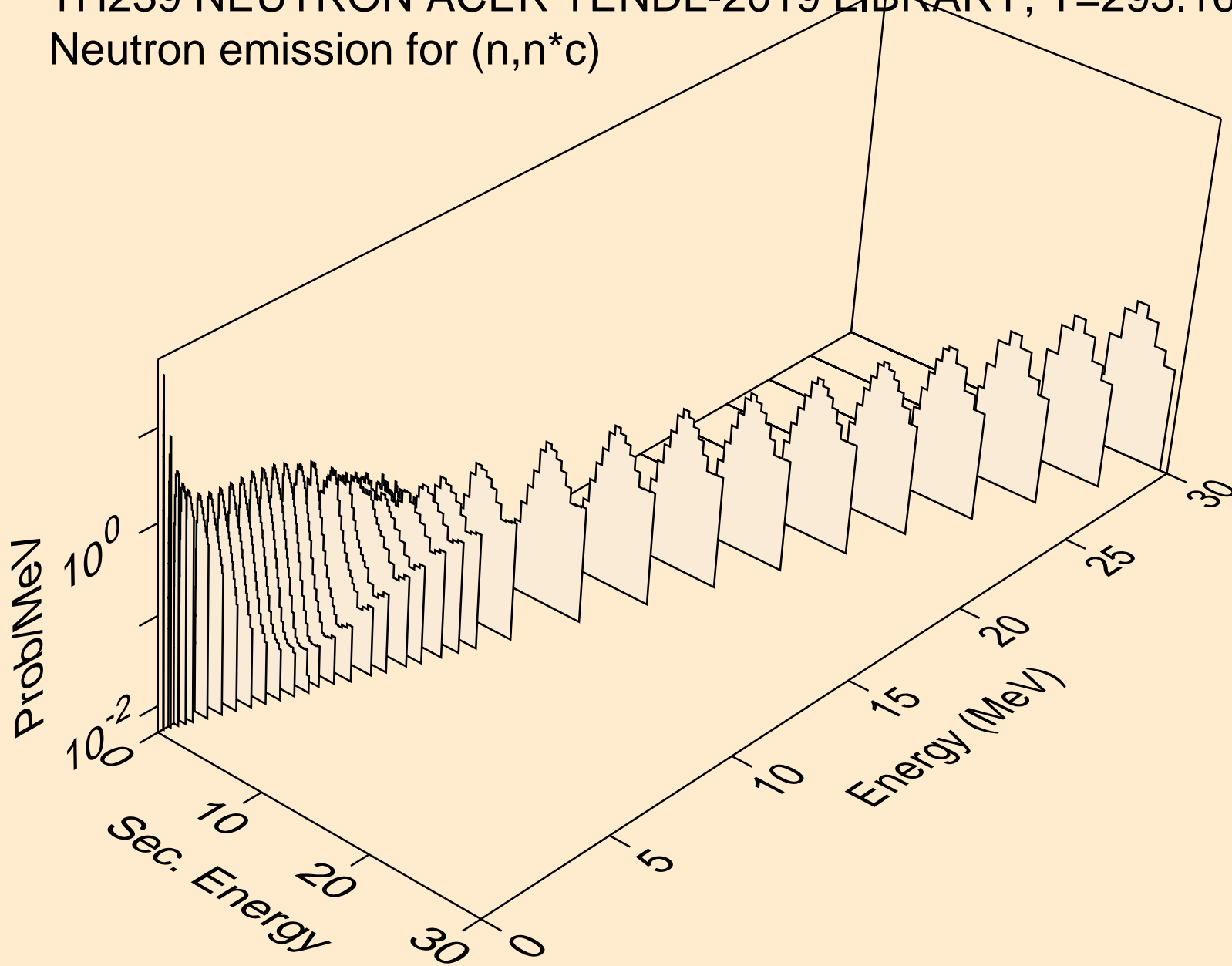
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Neutron emission for (n,2np)



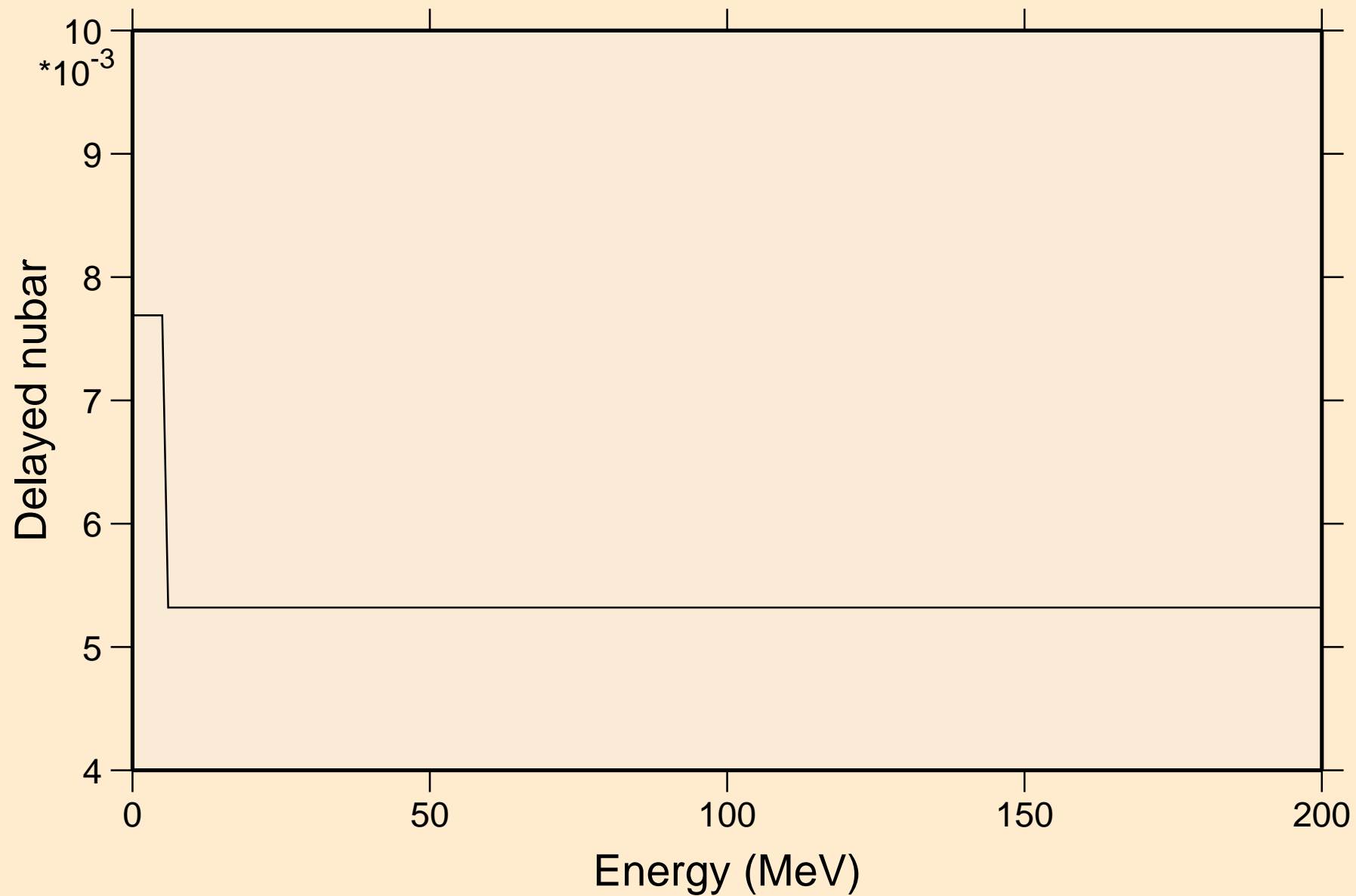
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)

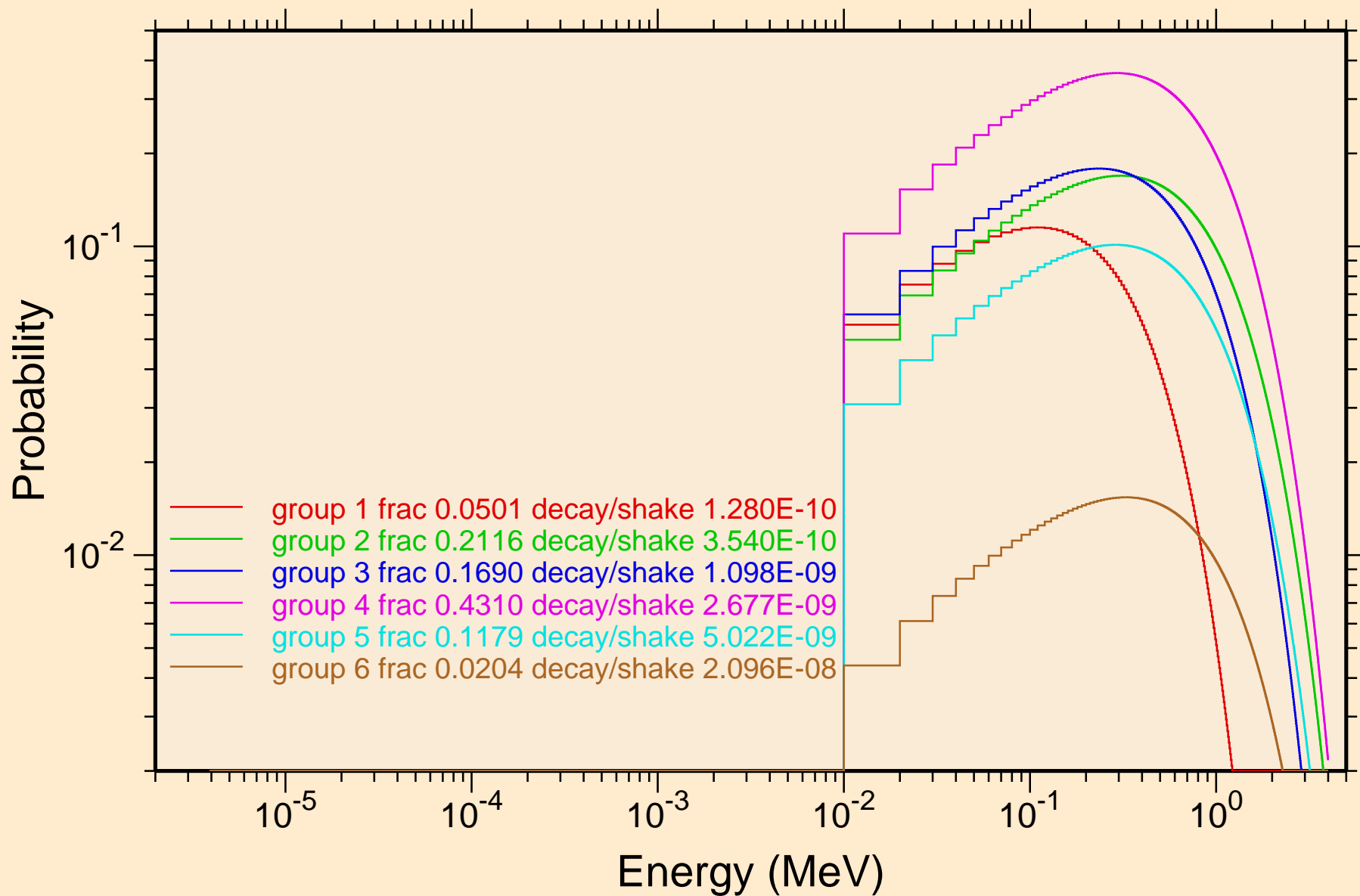


TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Delayed nubar

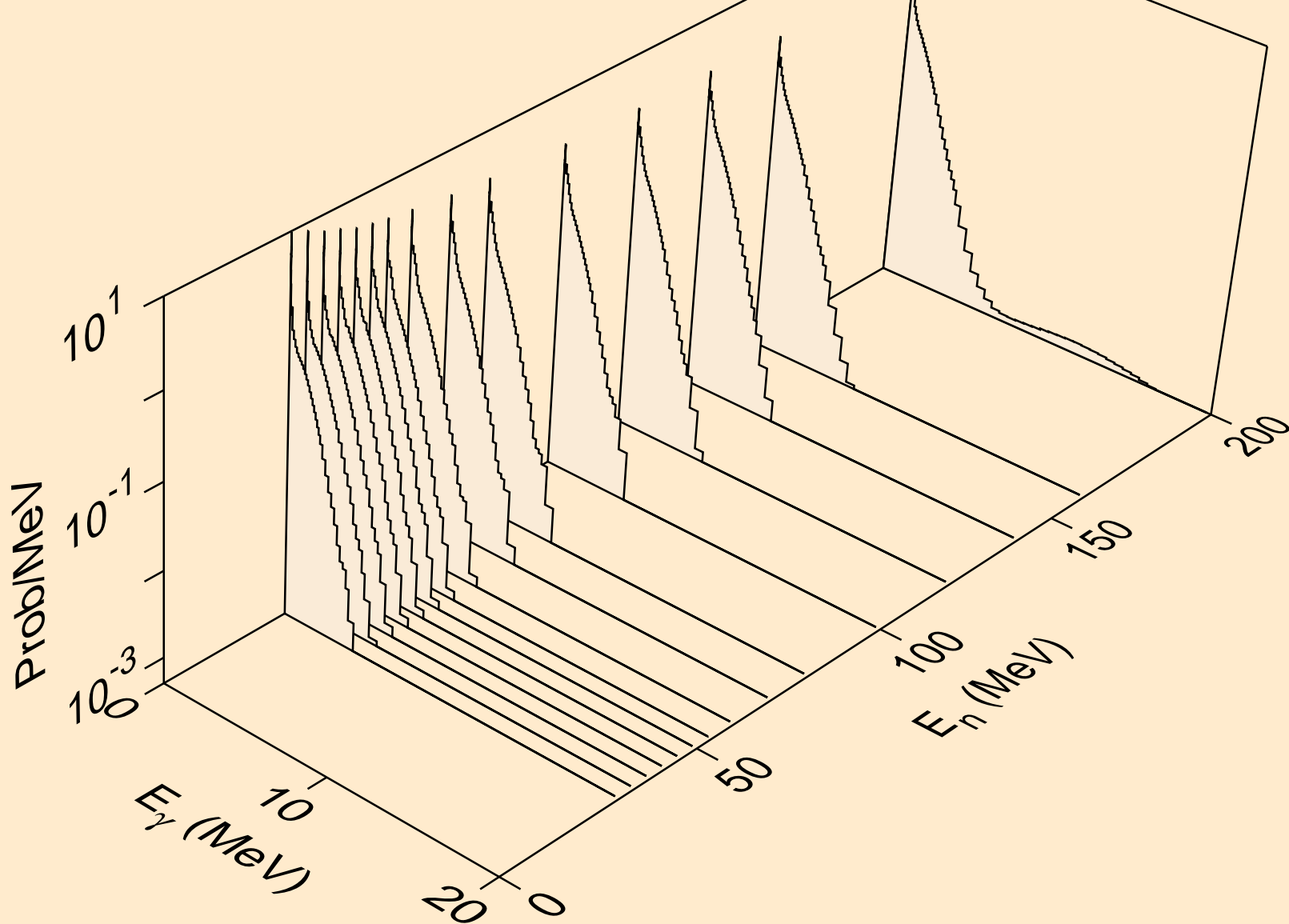


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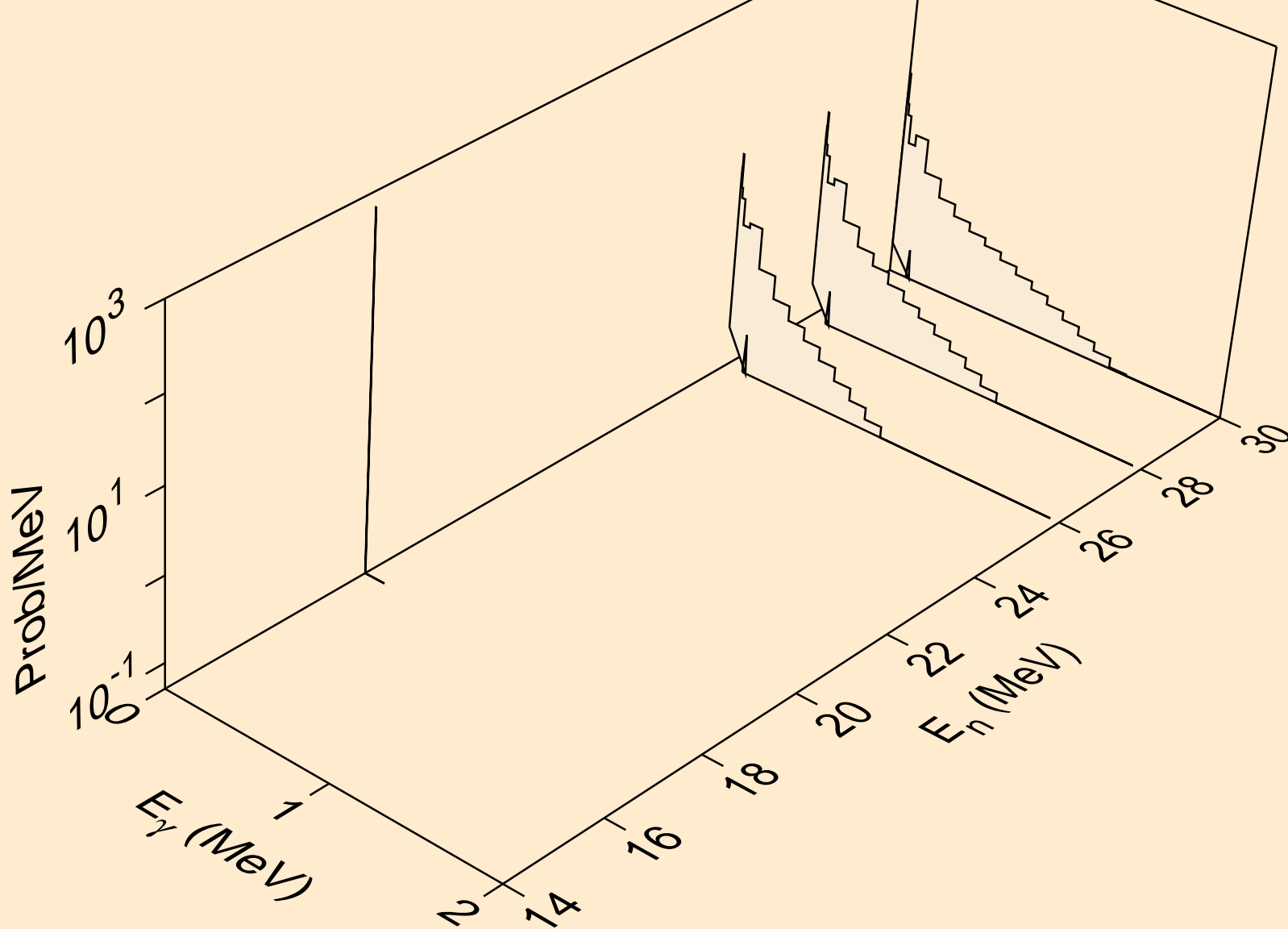
Delayed neutron spectra



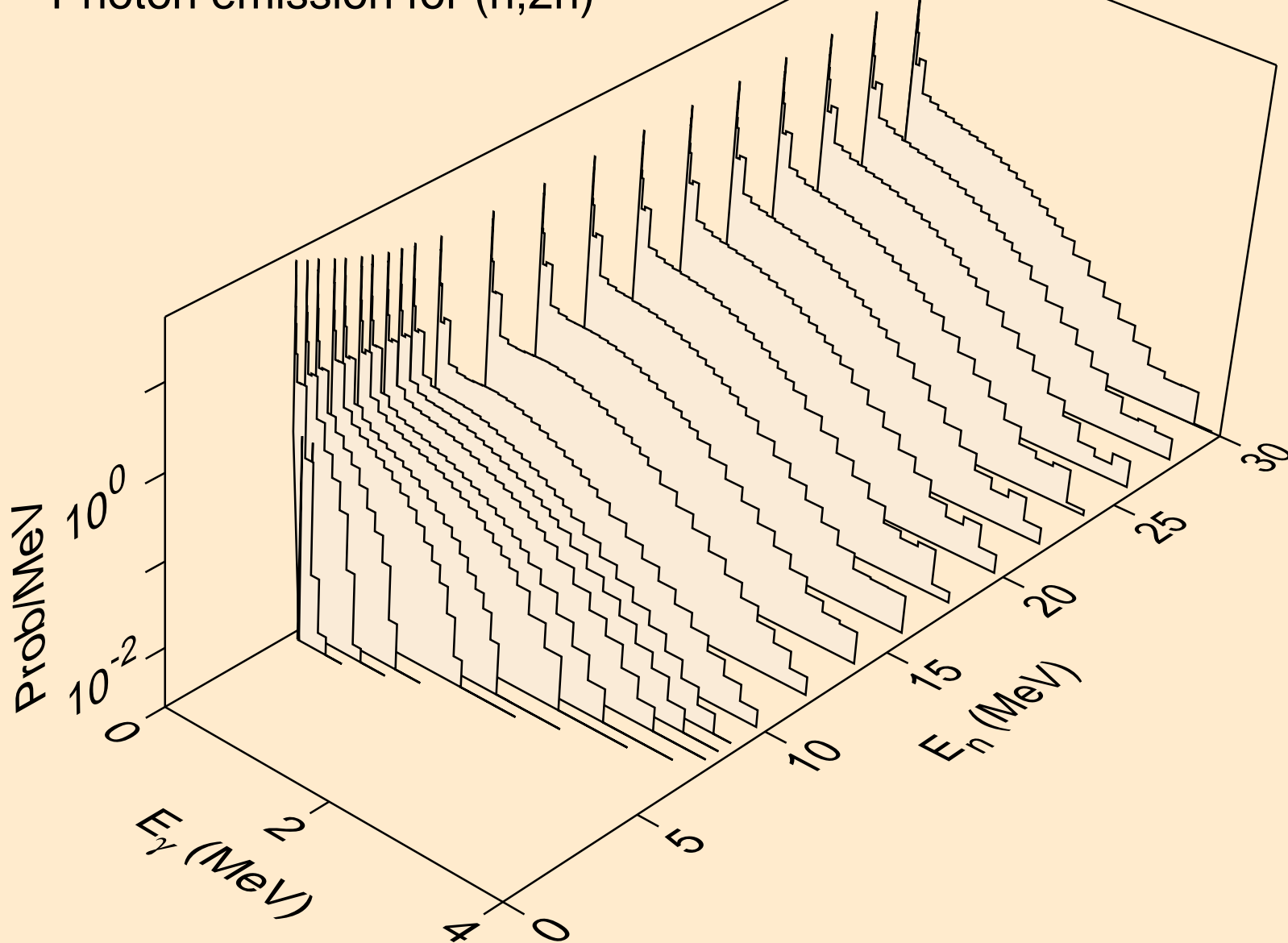
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



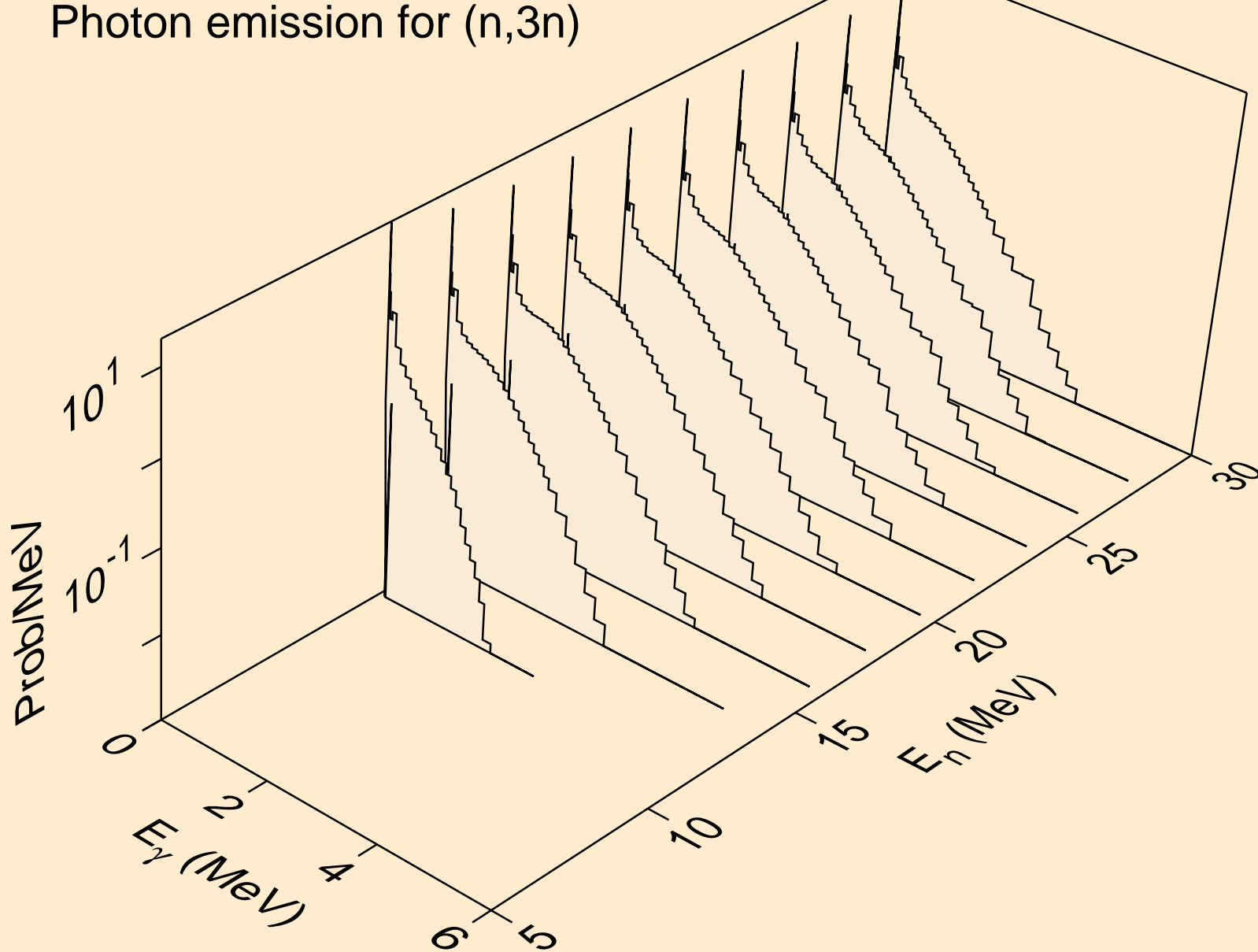
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



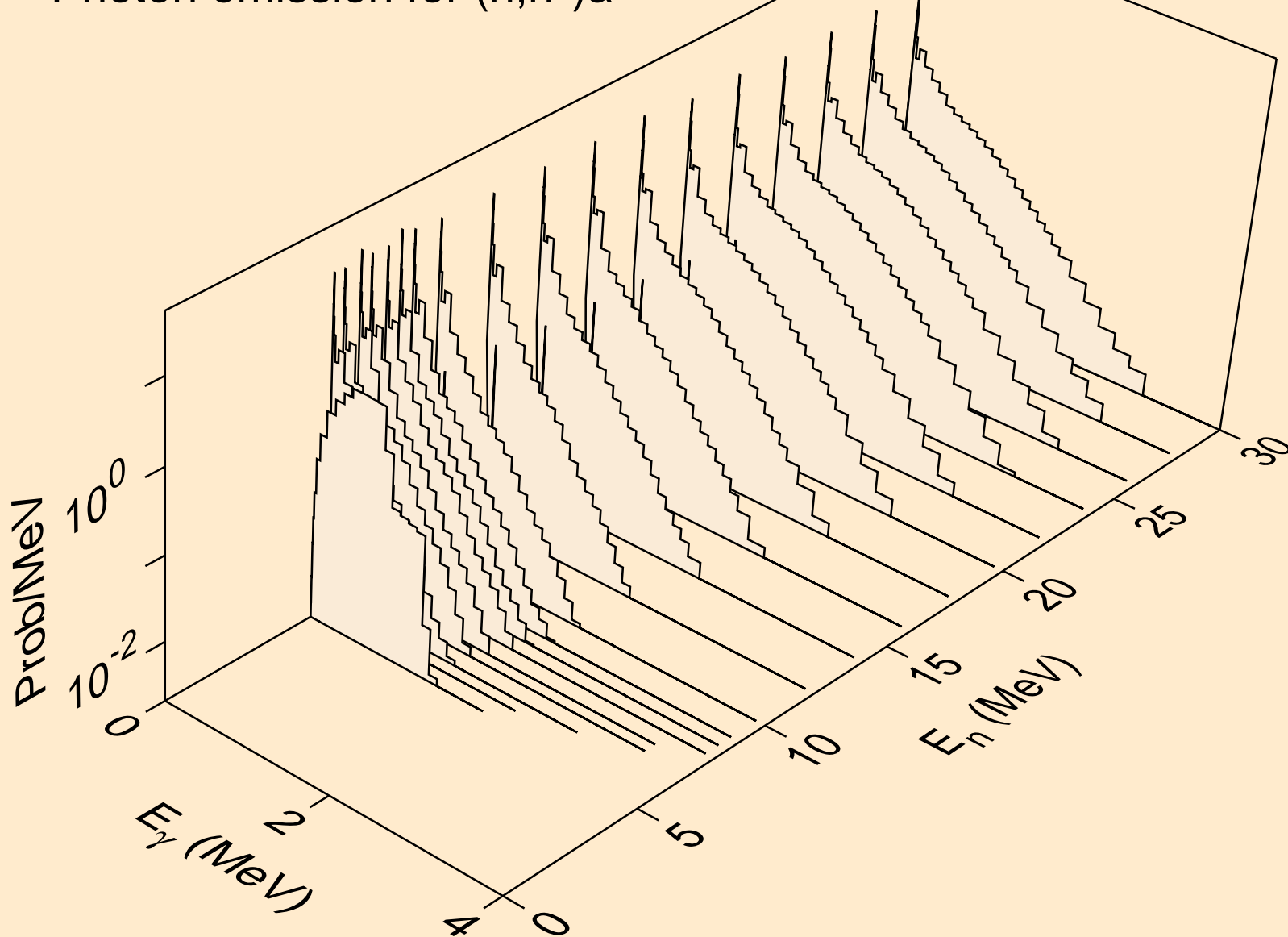
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



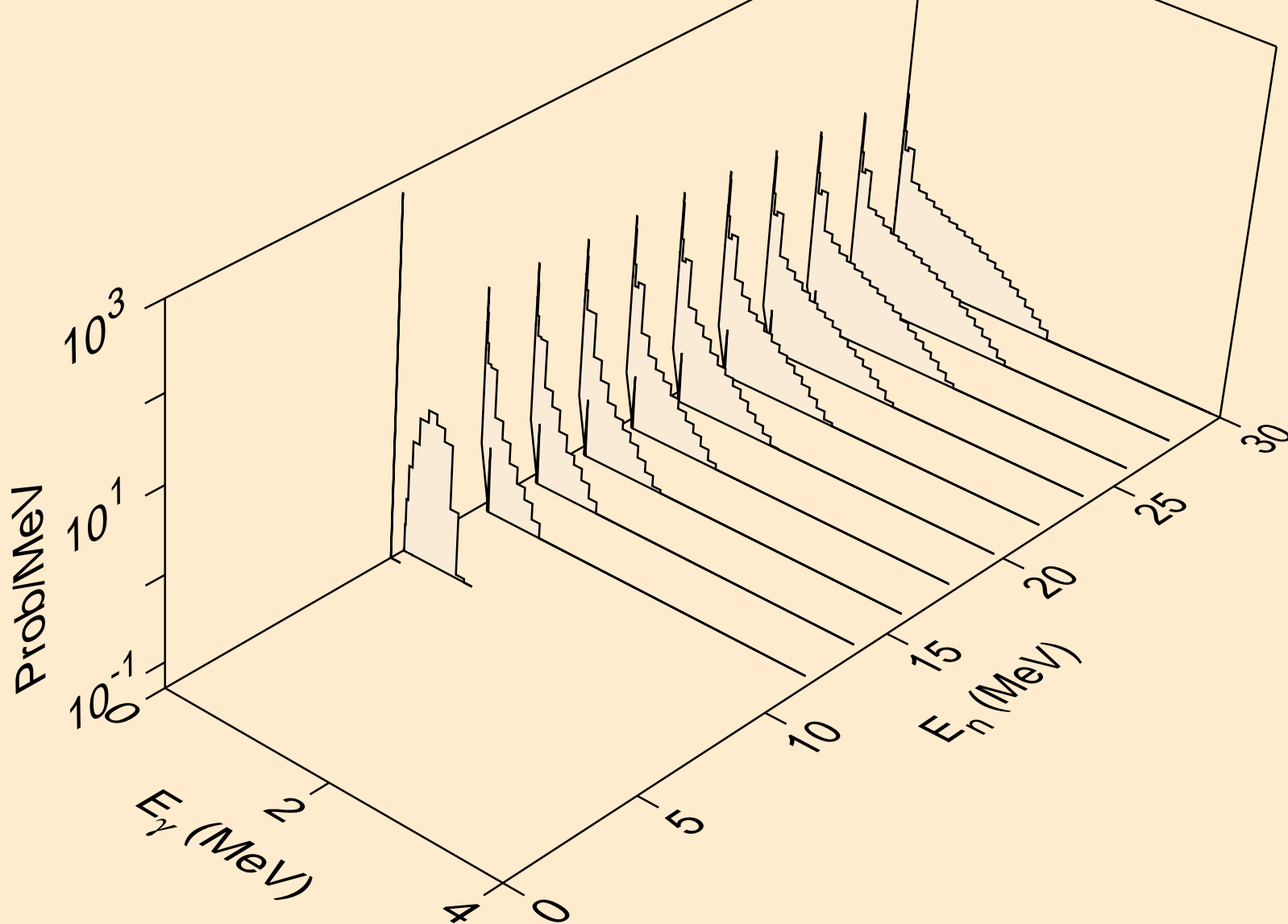
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Photon emission for (n,3n)



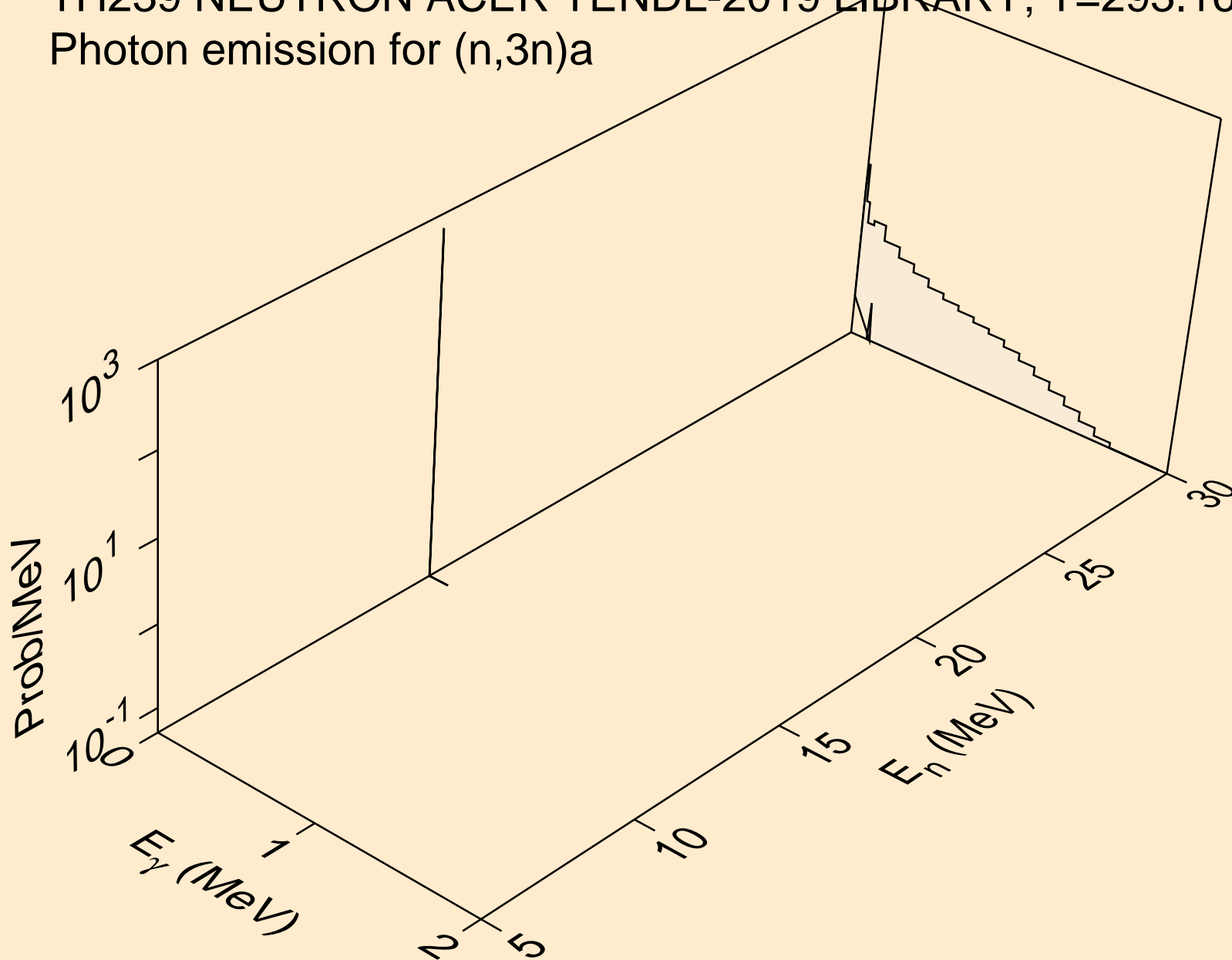
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



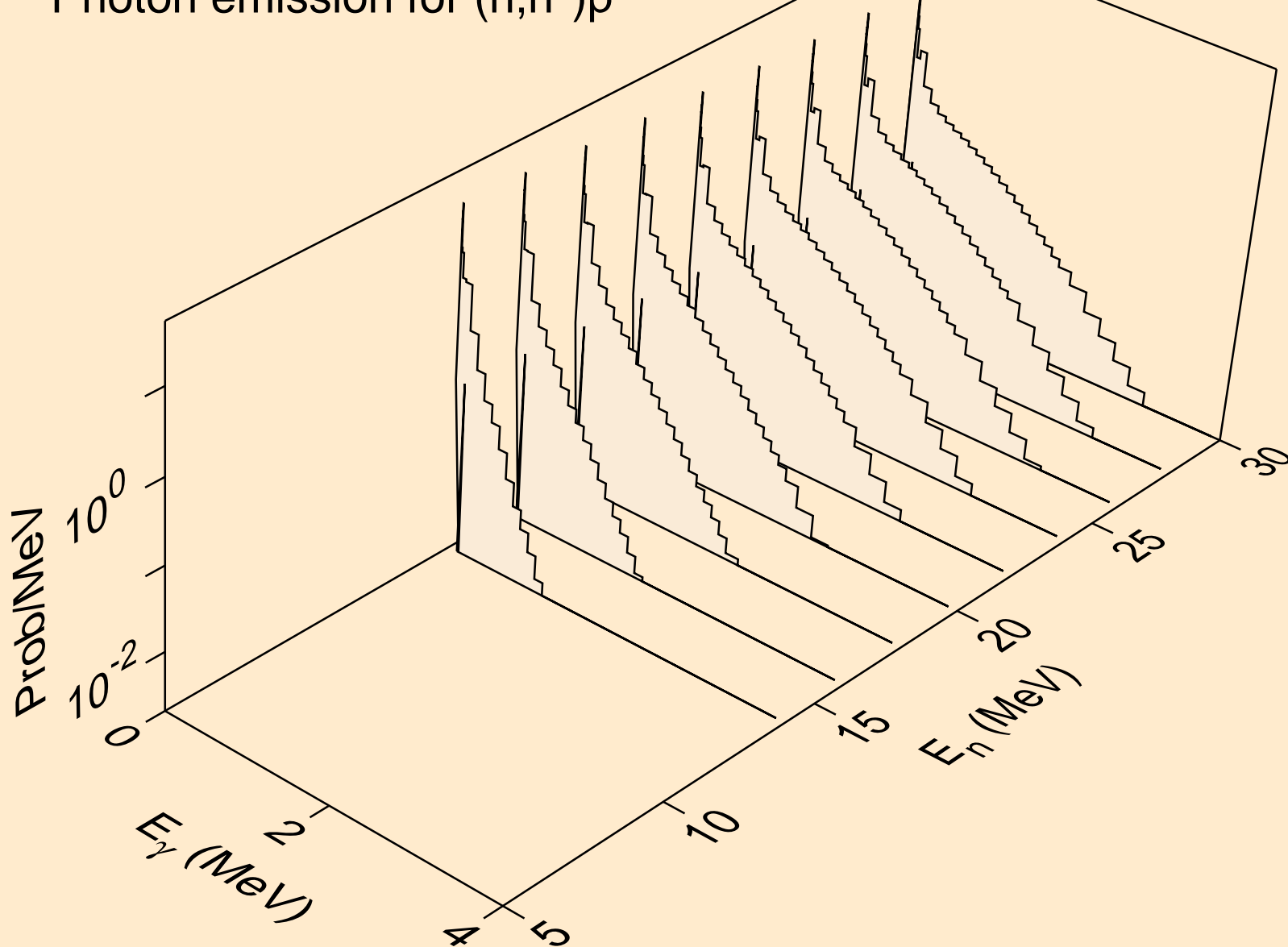
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



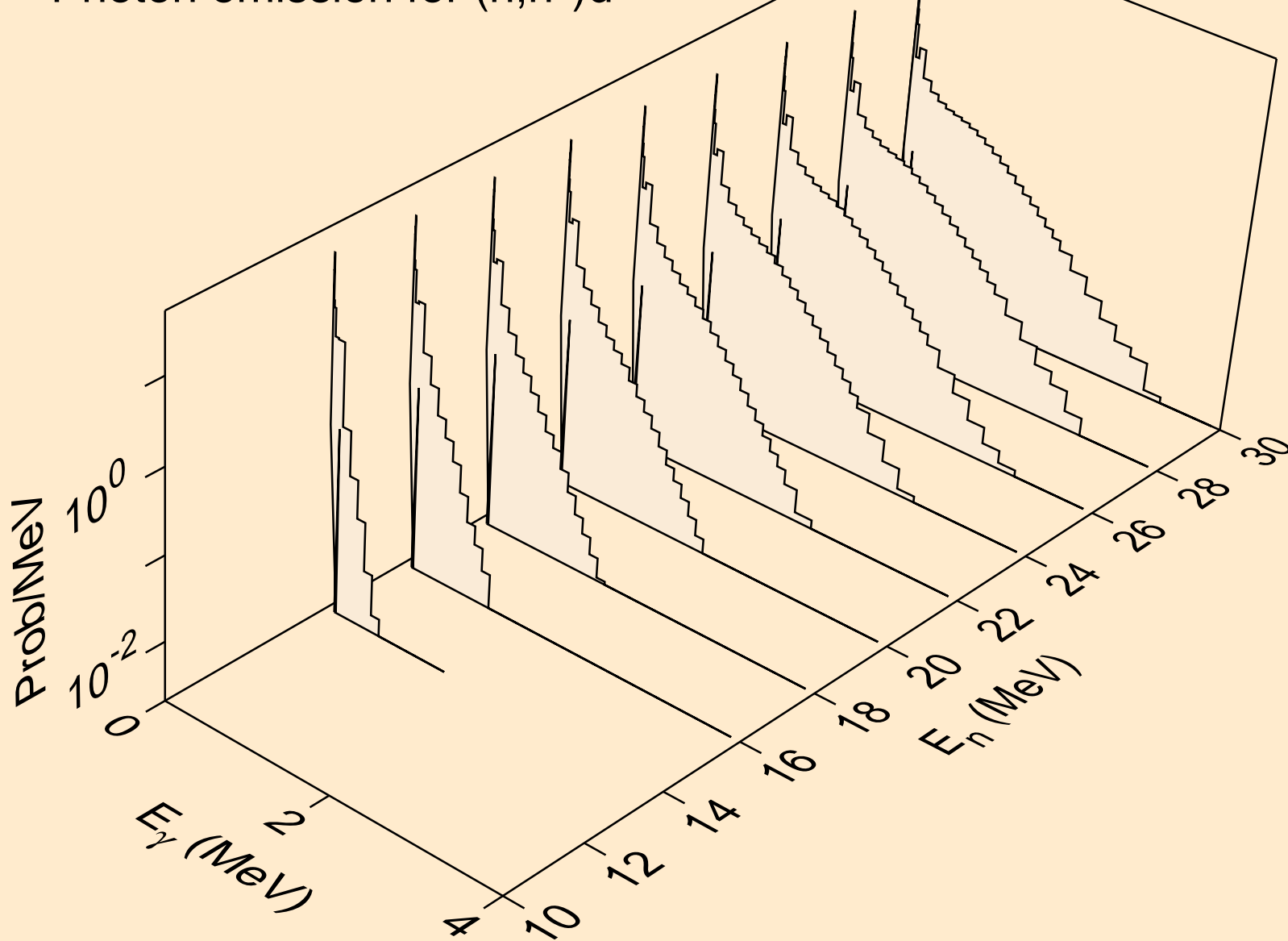
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



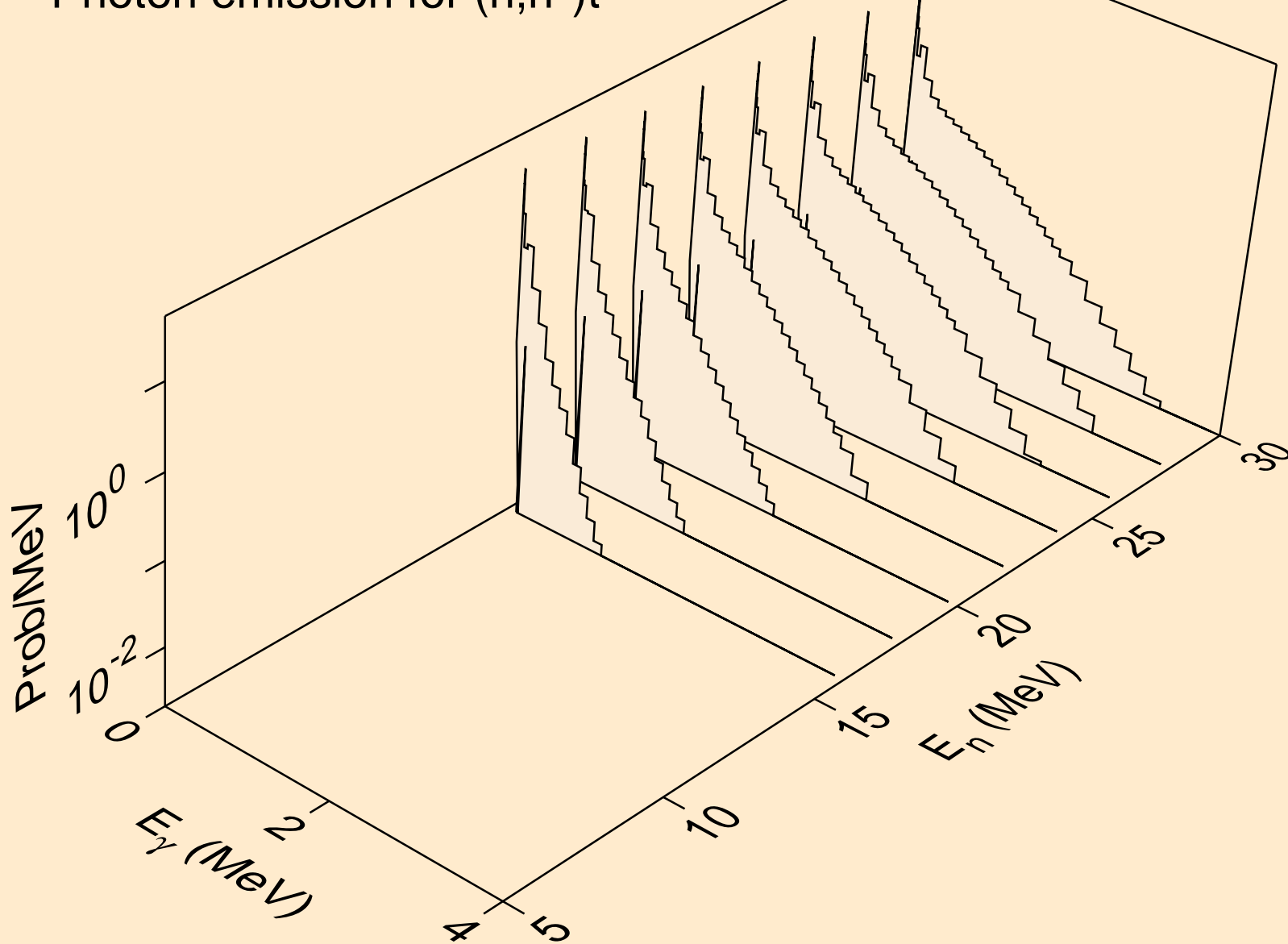
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



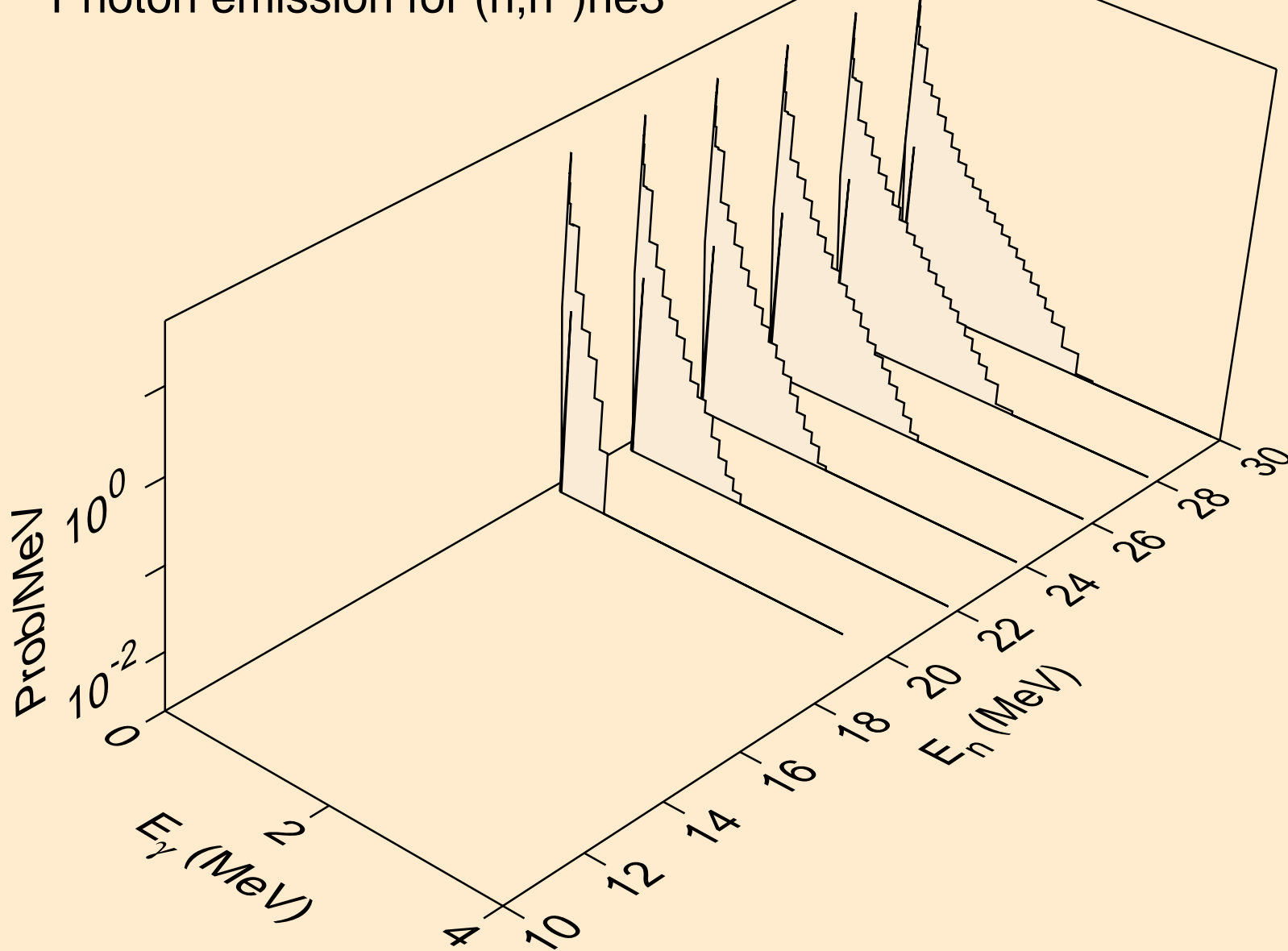
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



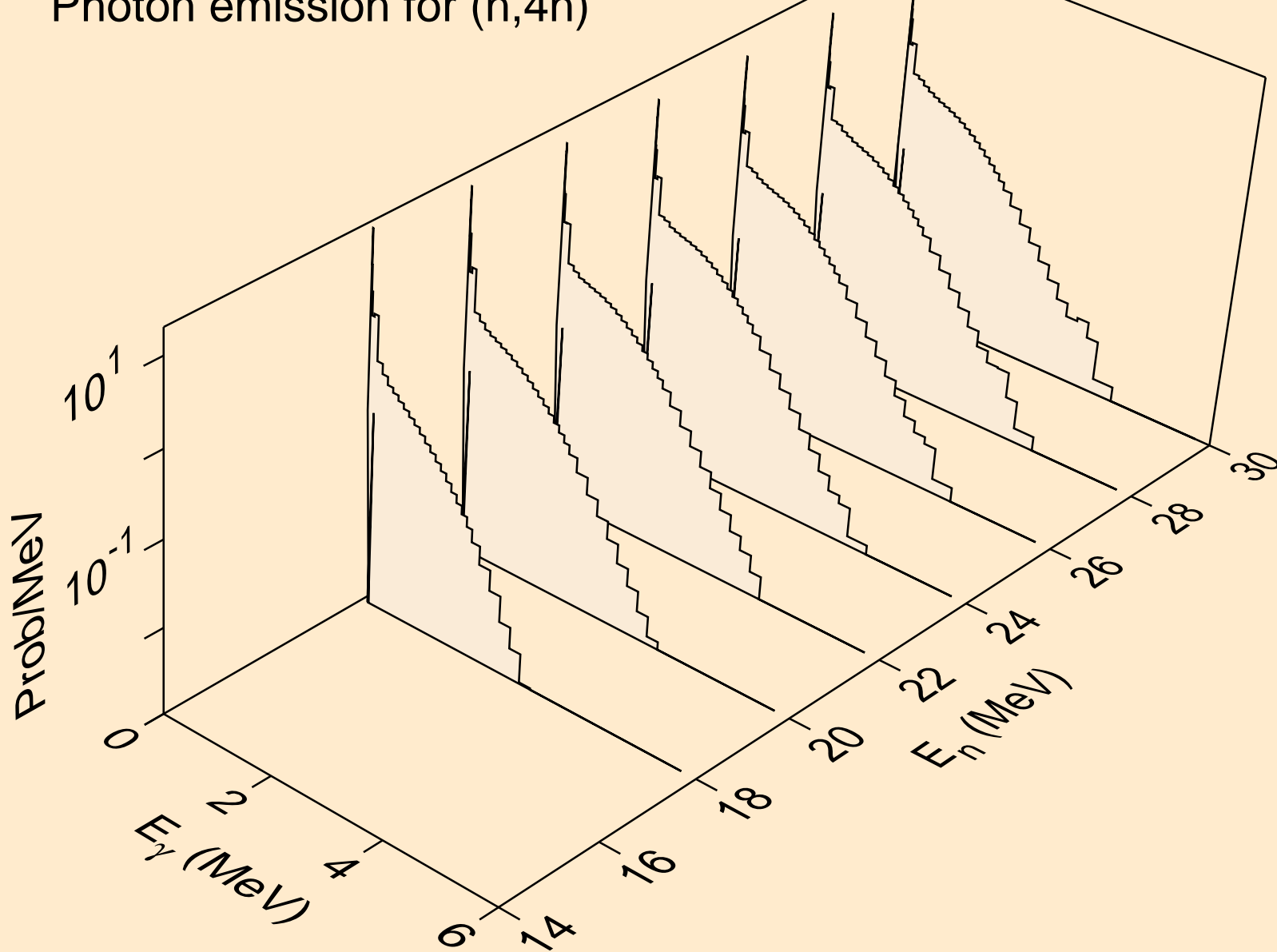
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



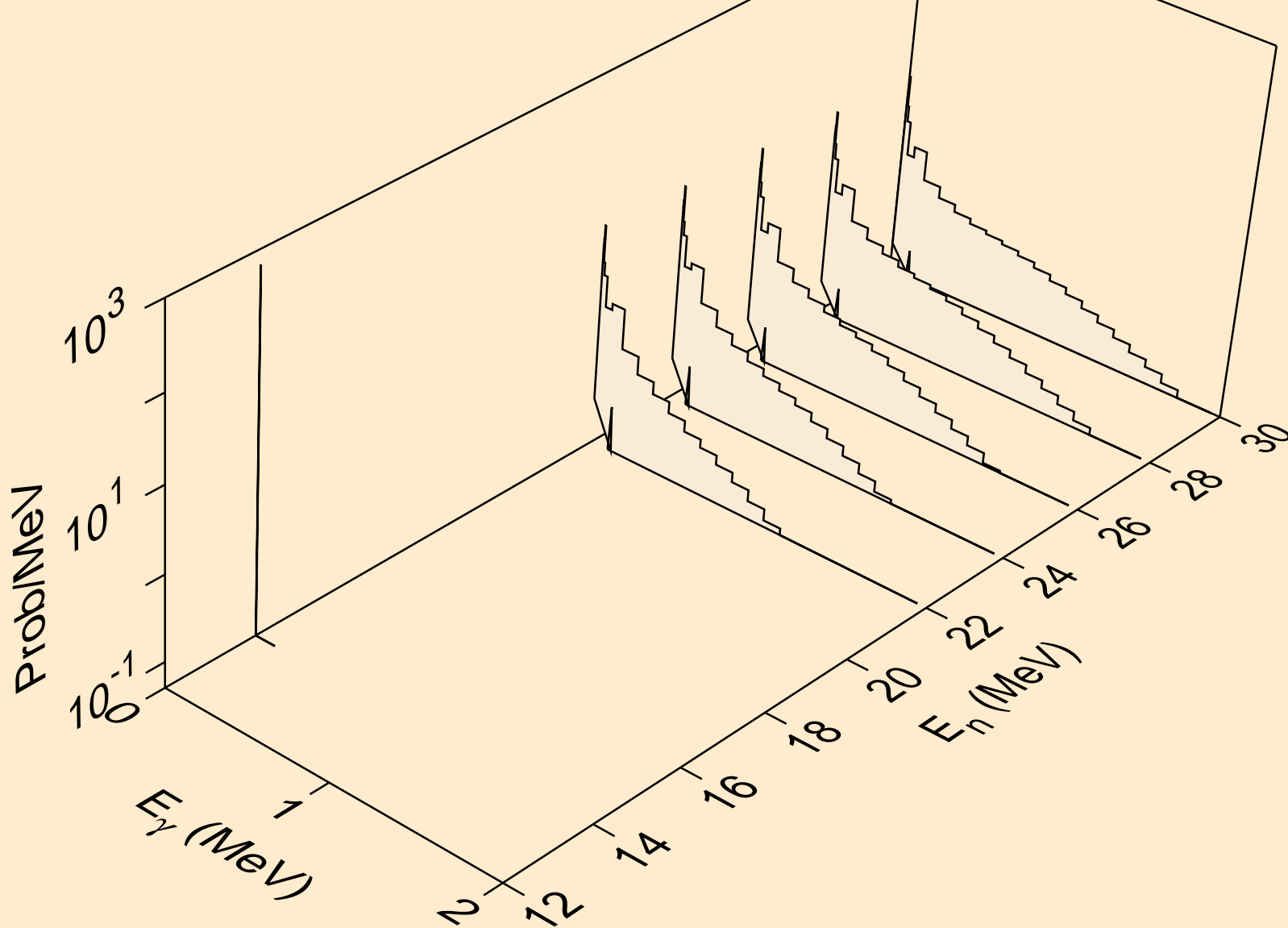
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Photon emission for (n,n*)he3



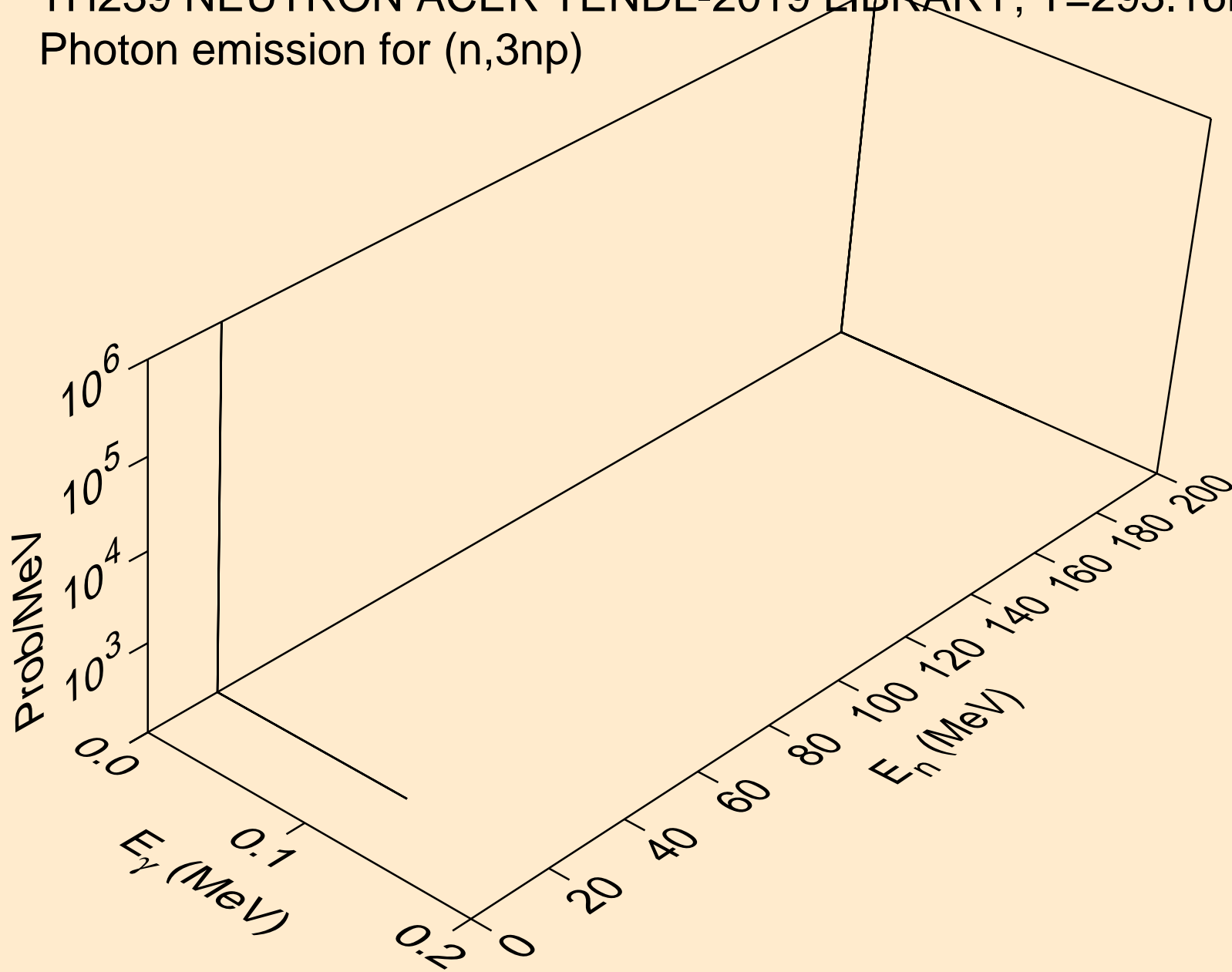
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



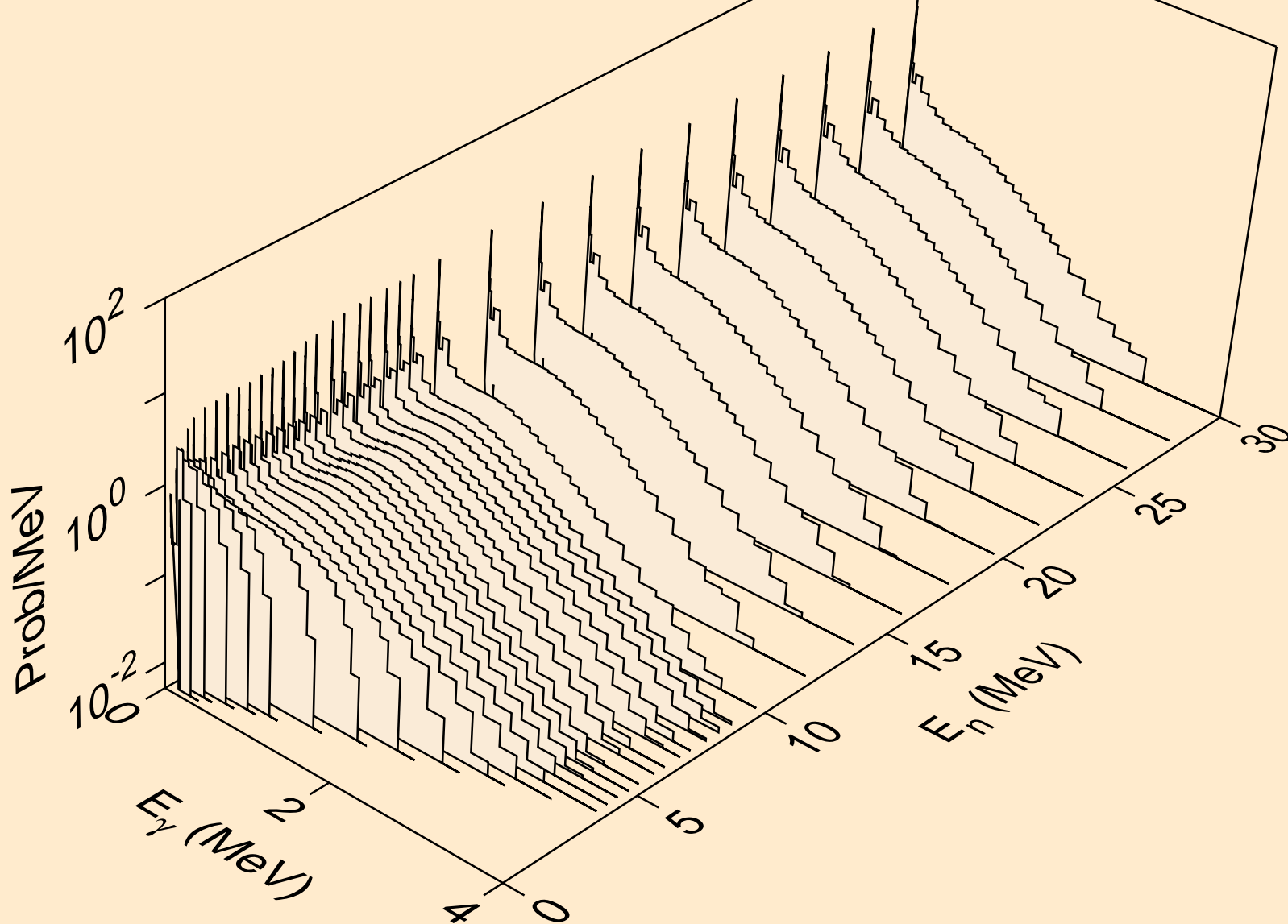
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



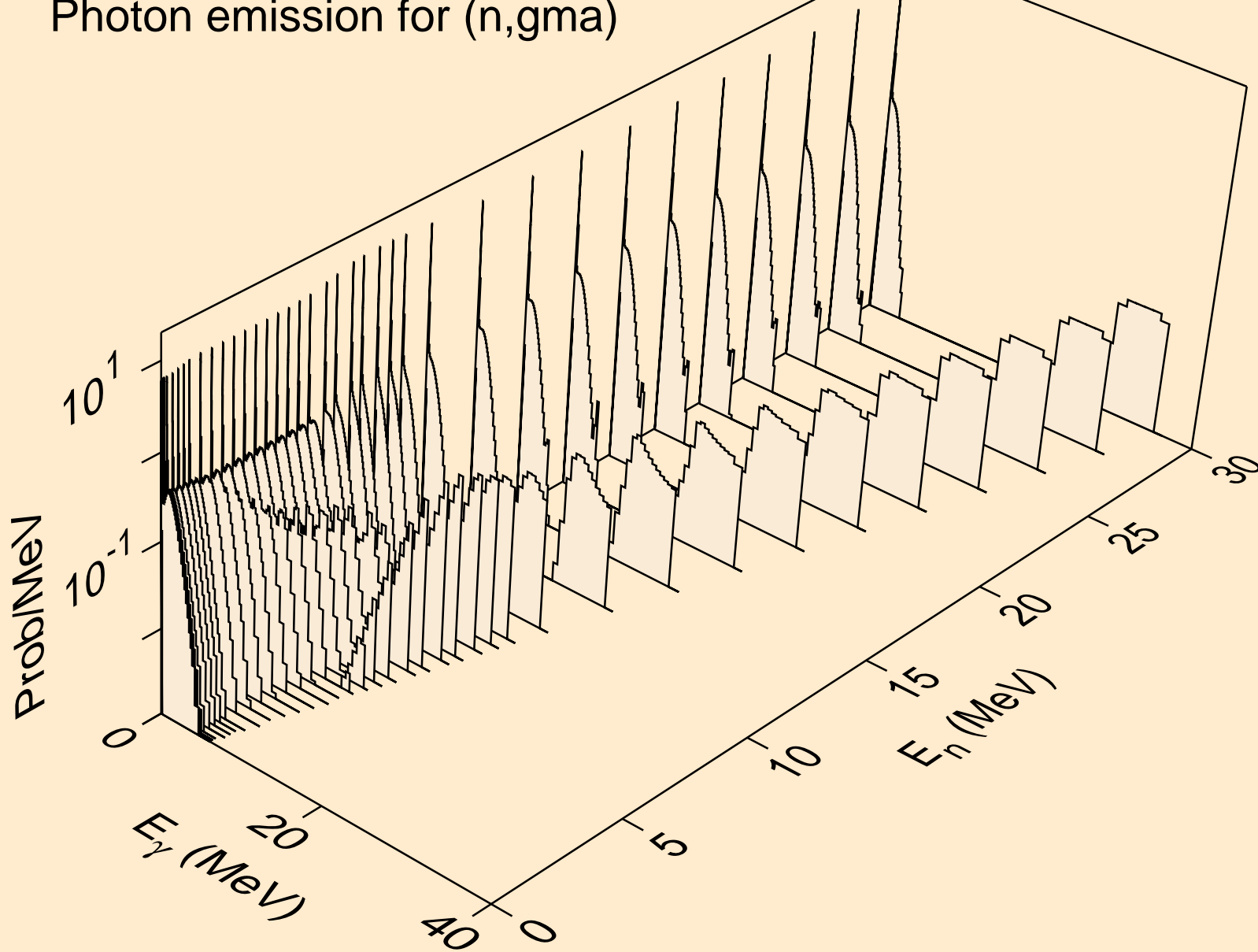
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



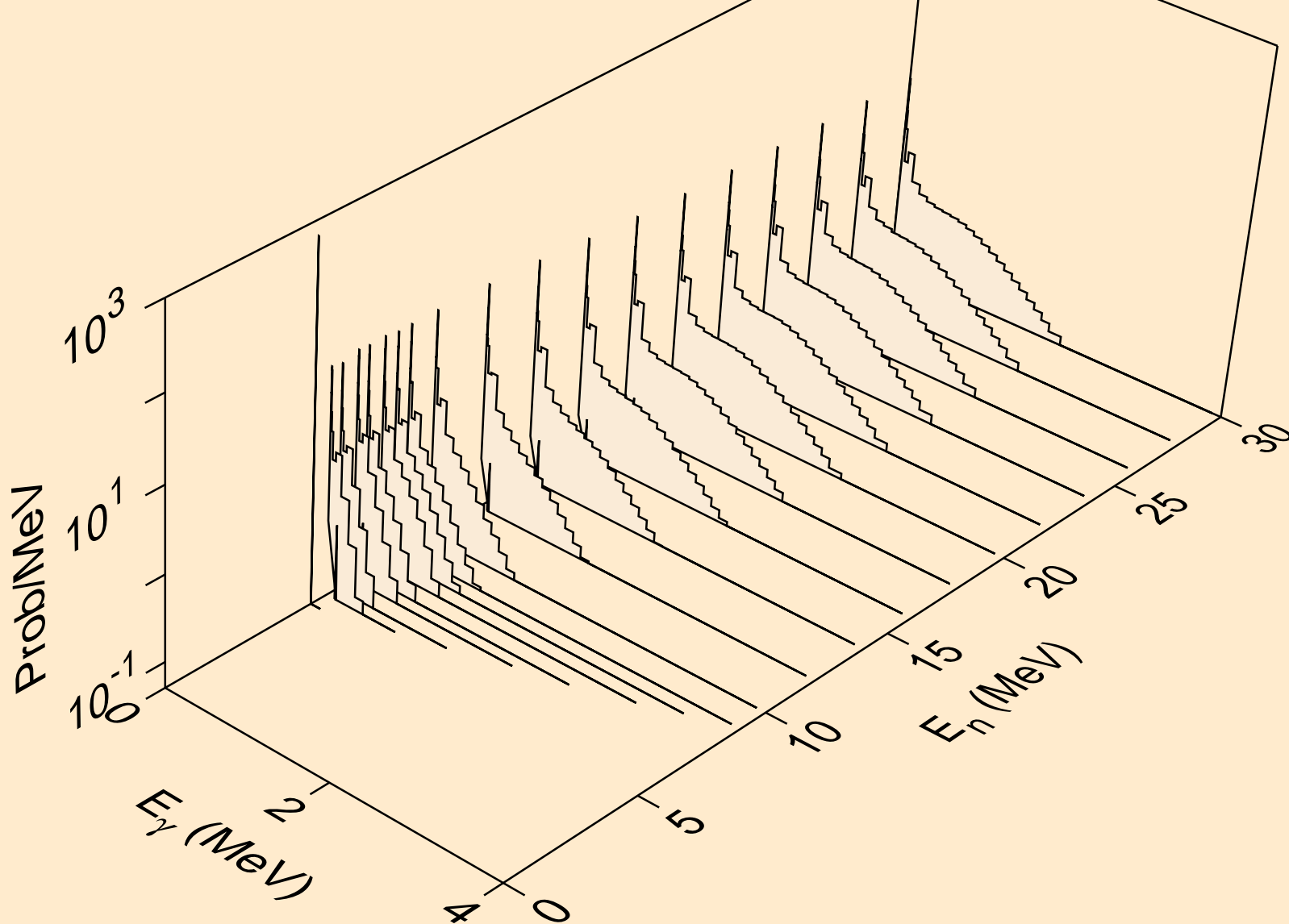
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



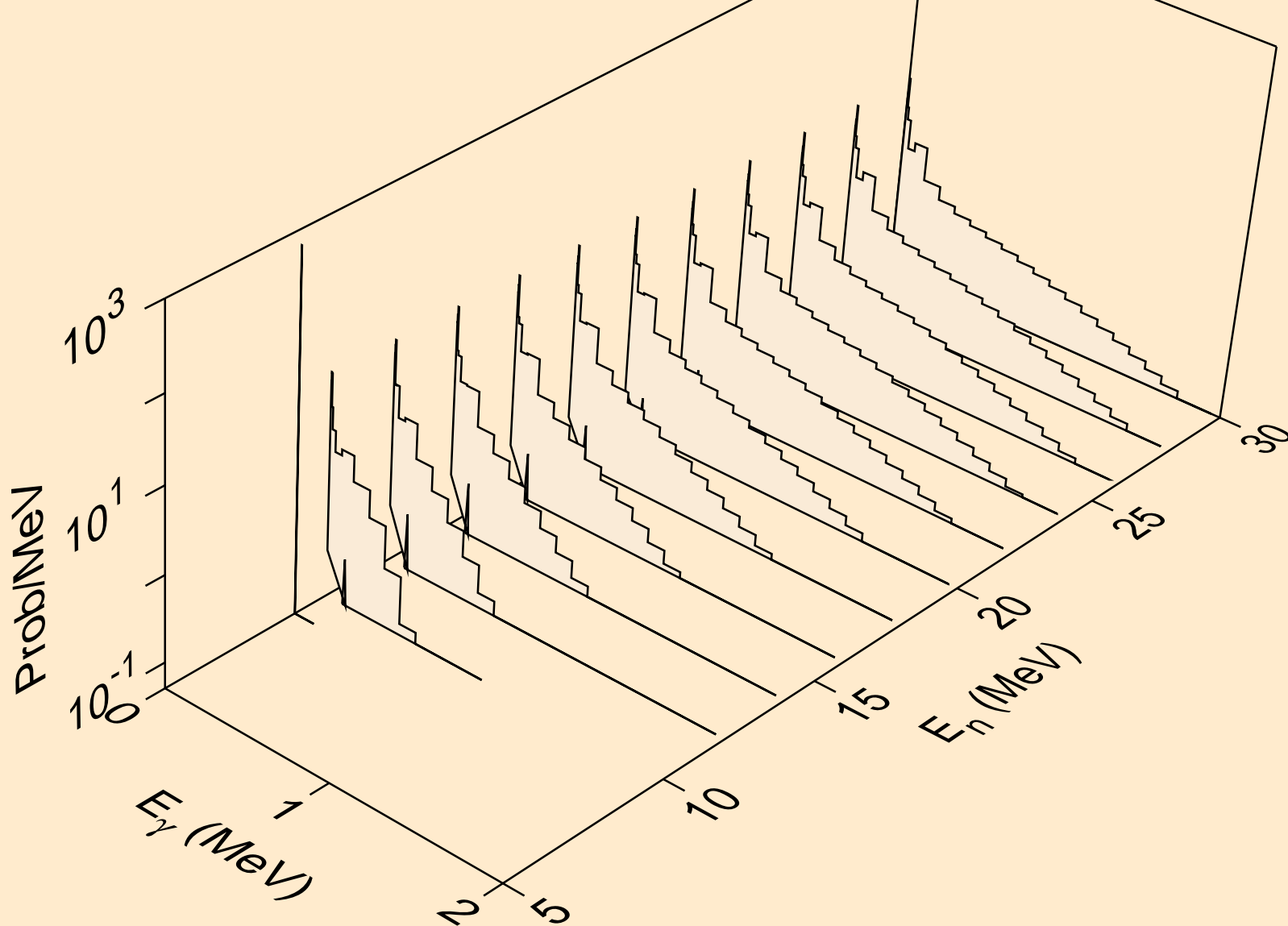
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



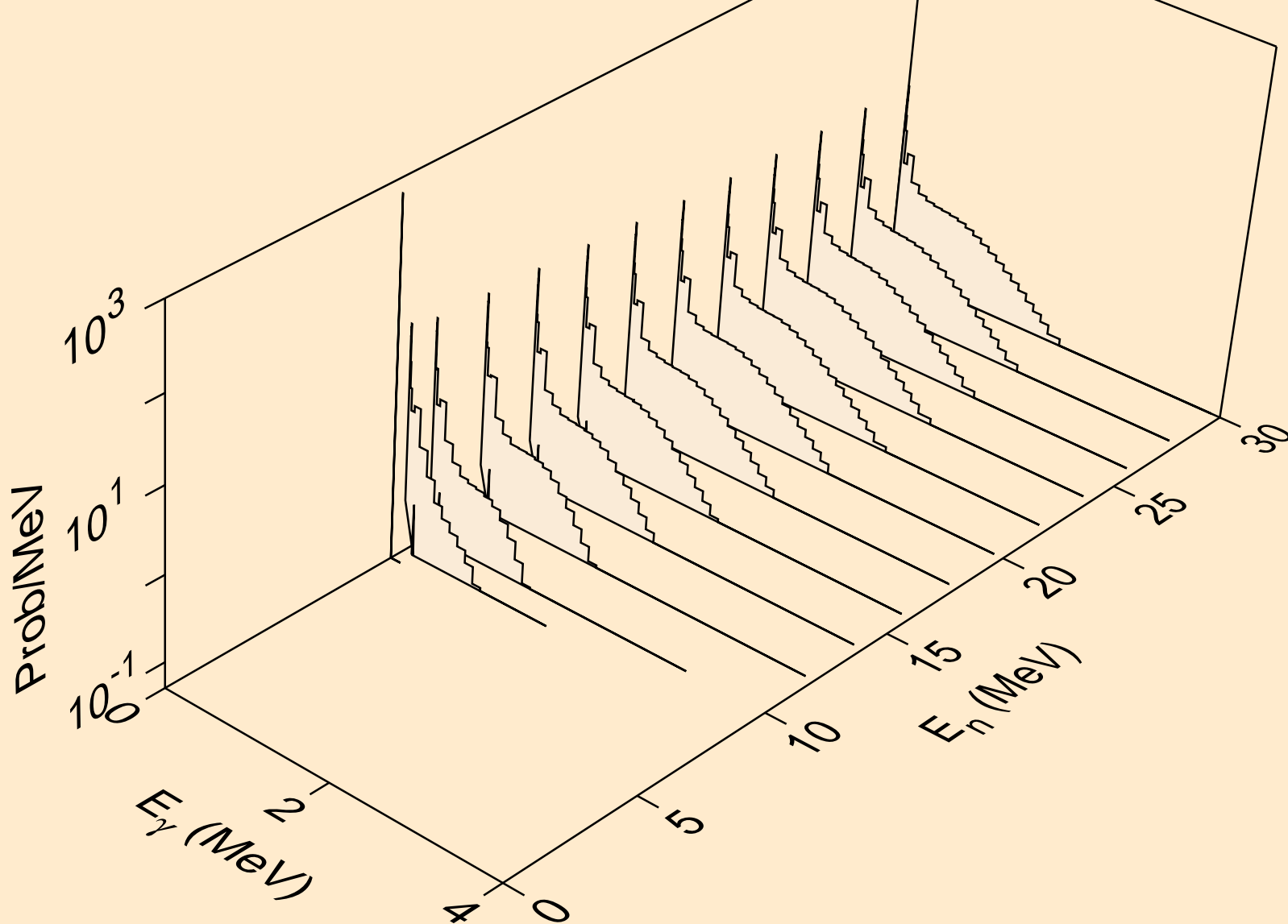
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



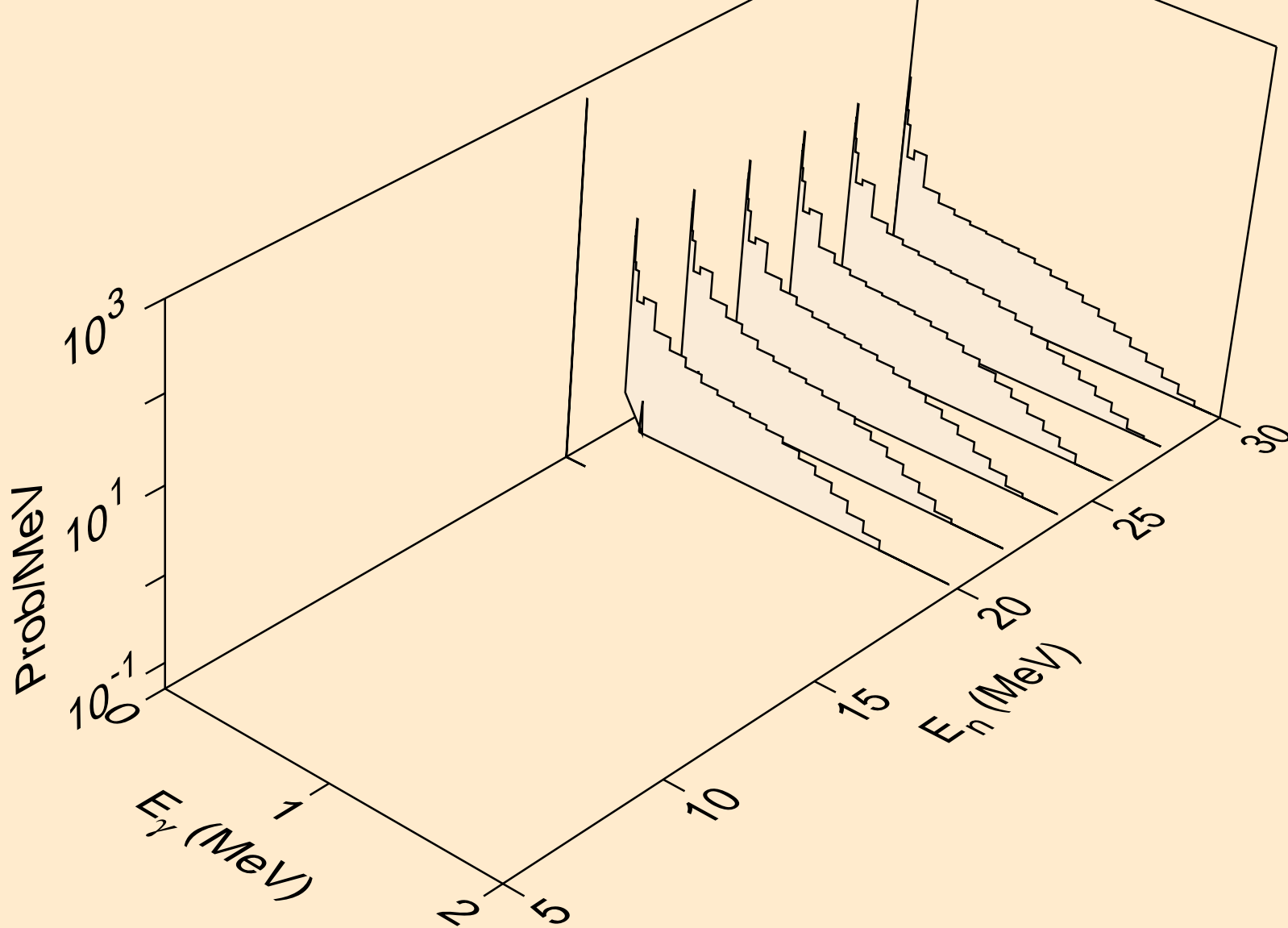
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



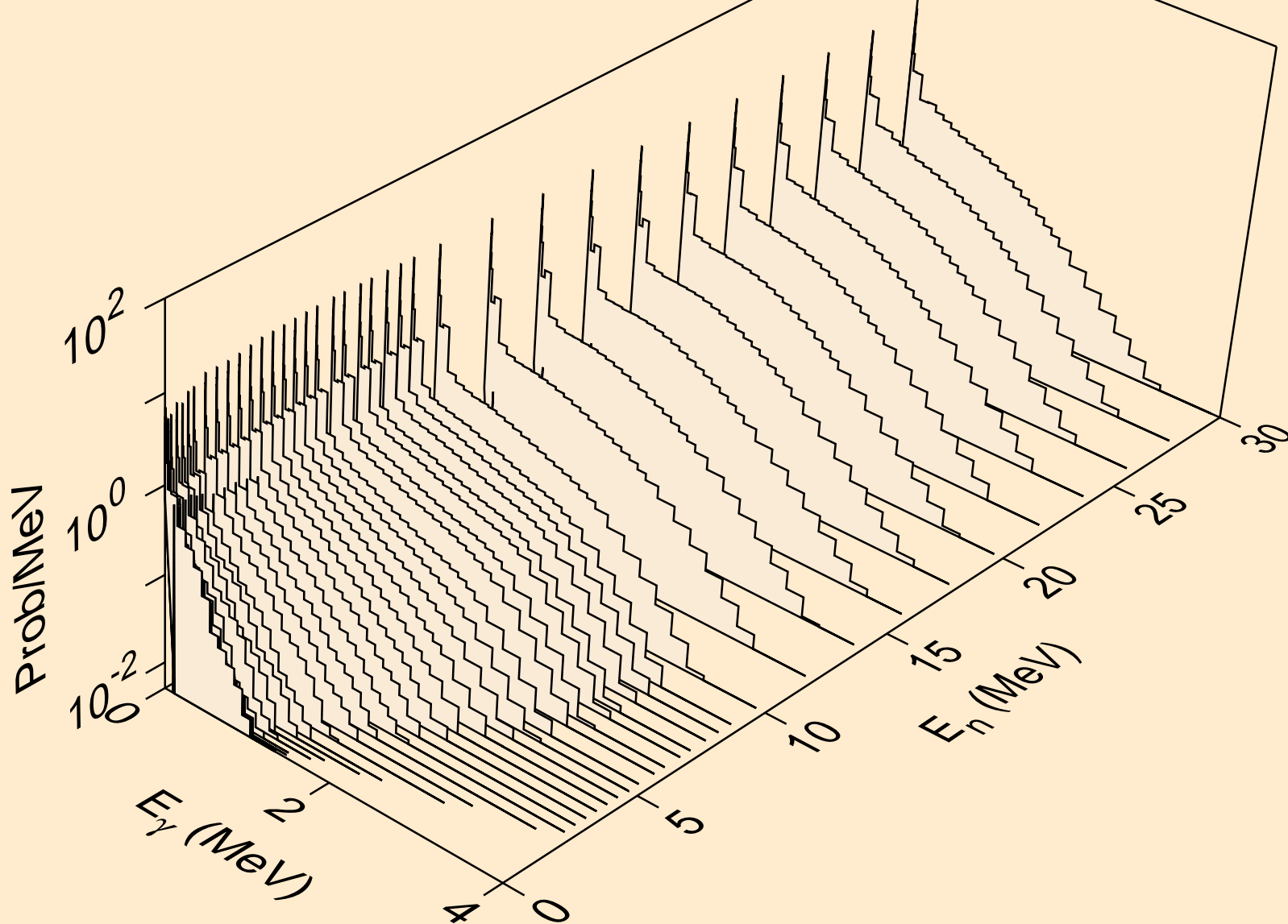
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



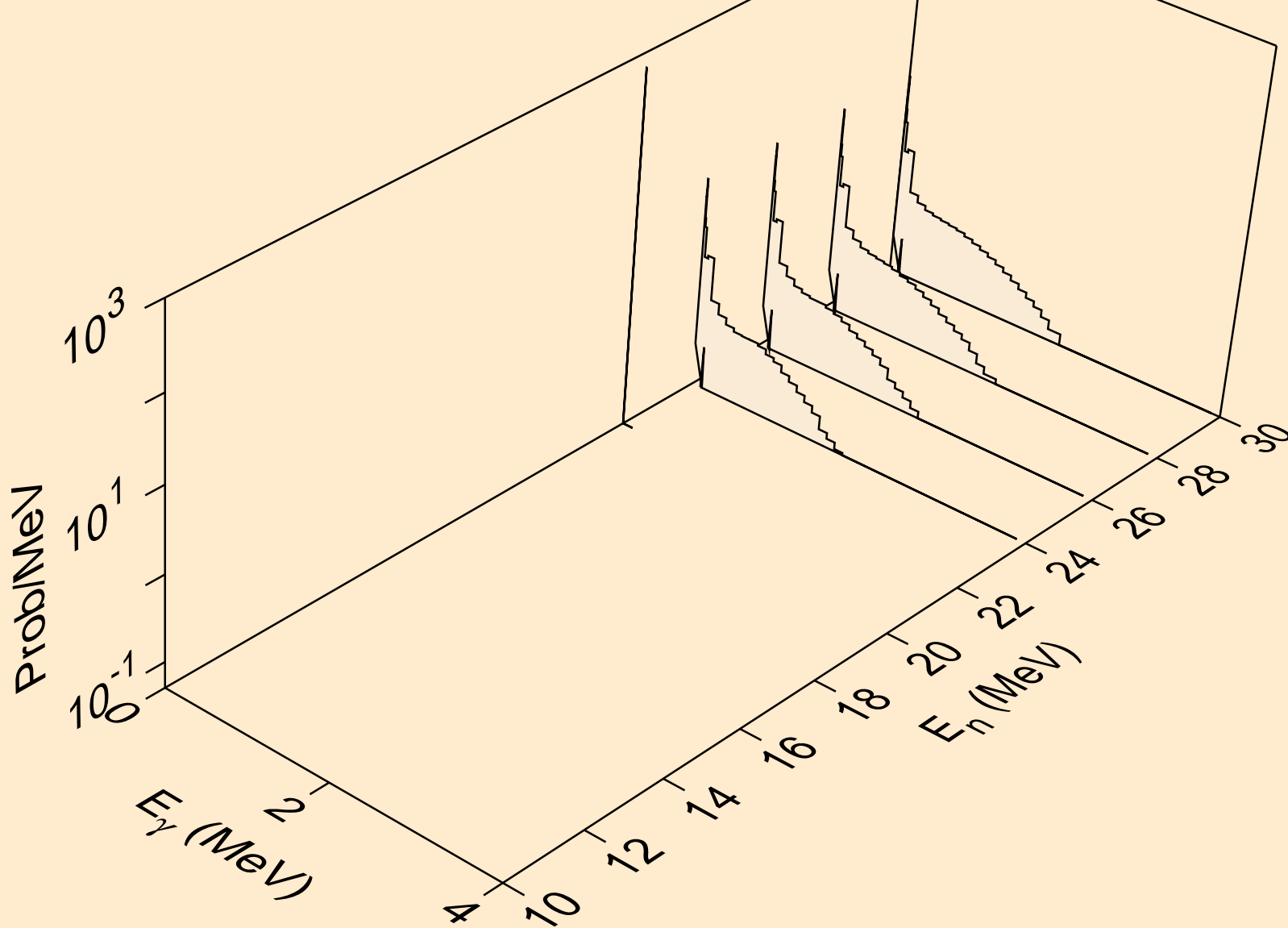
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



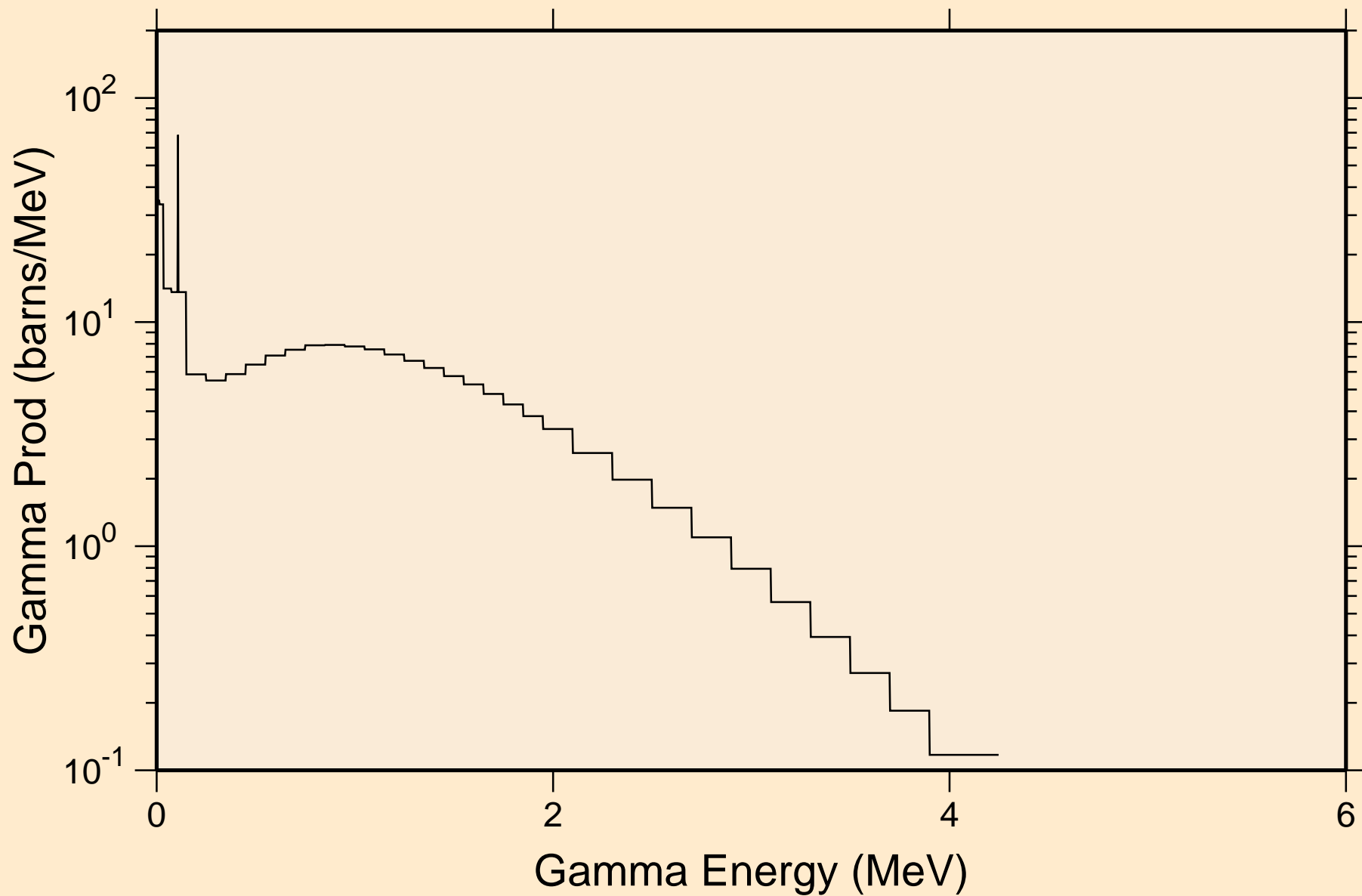
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



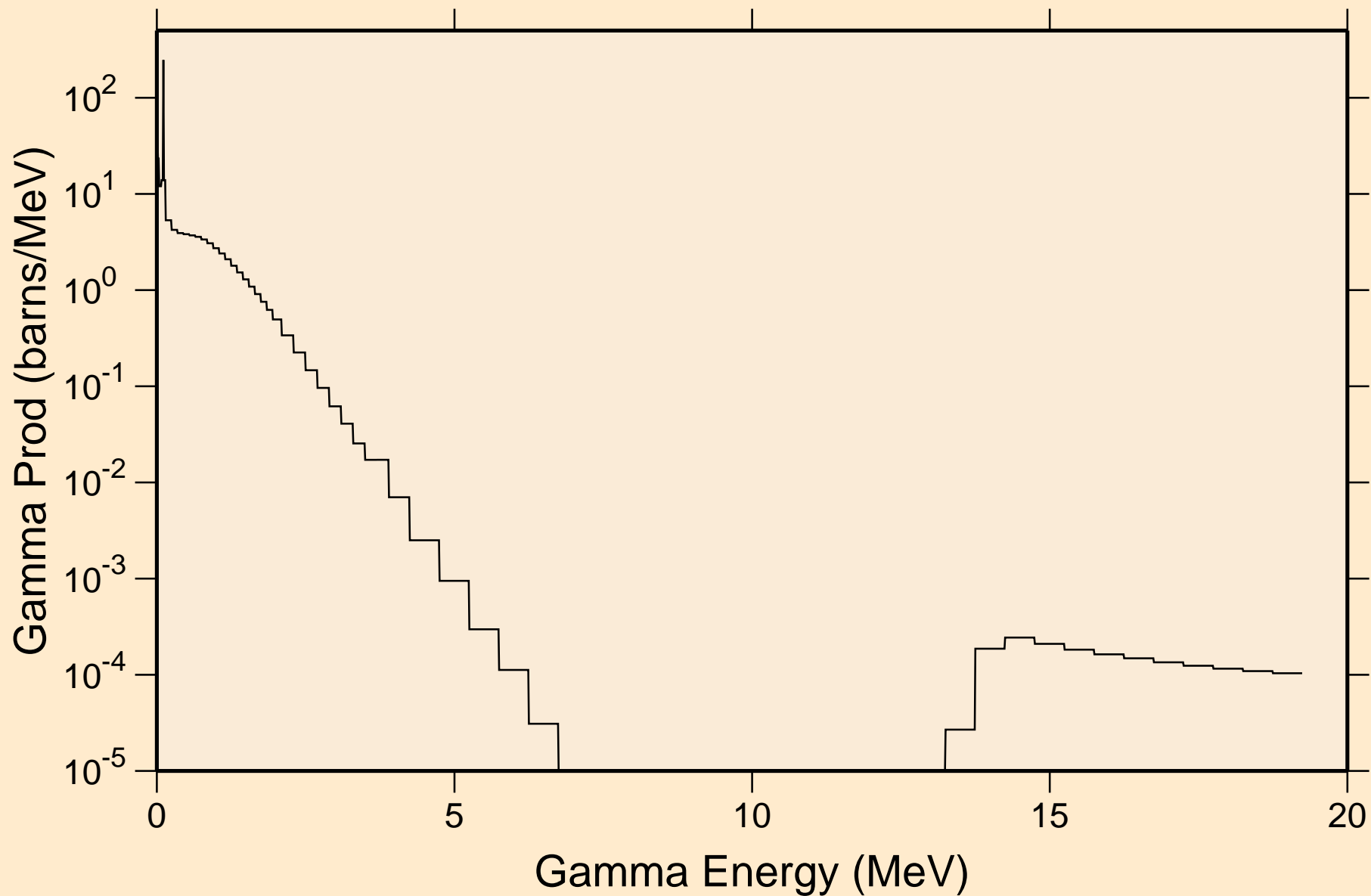
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



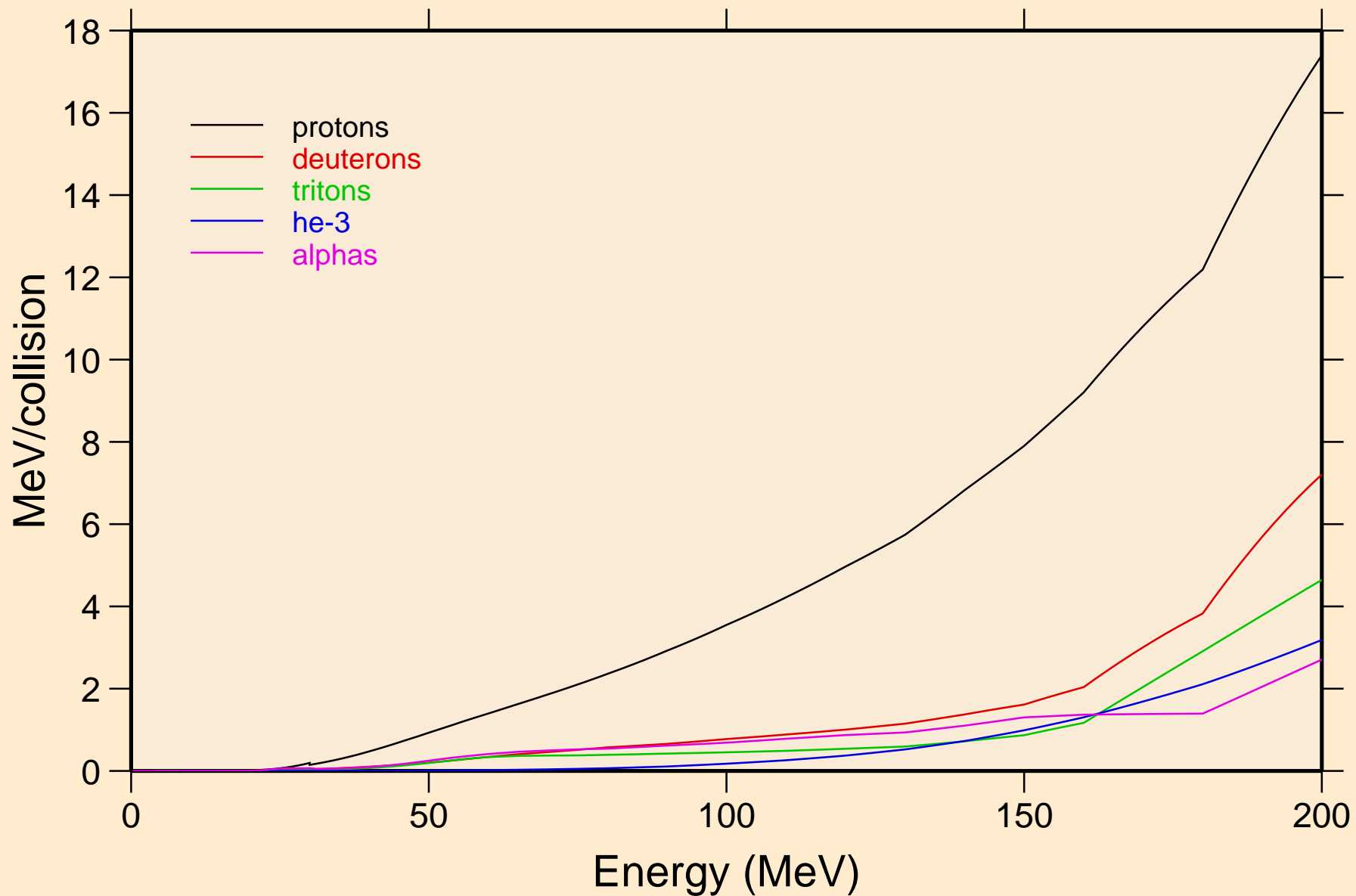
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



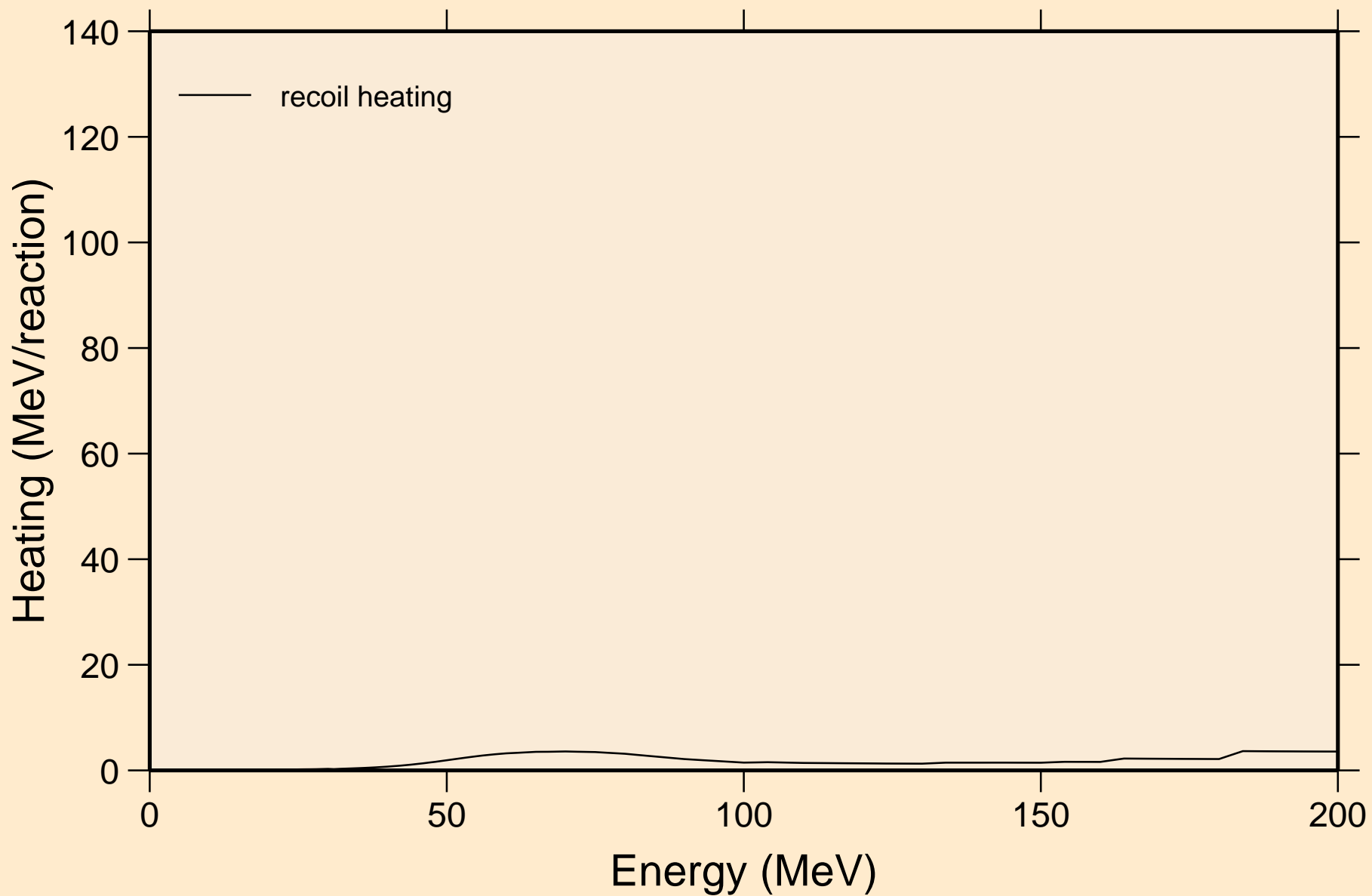
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



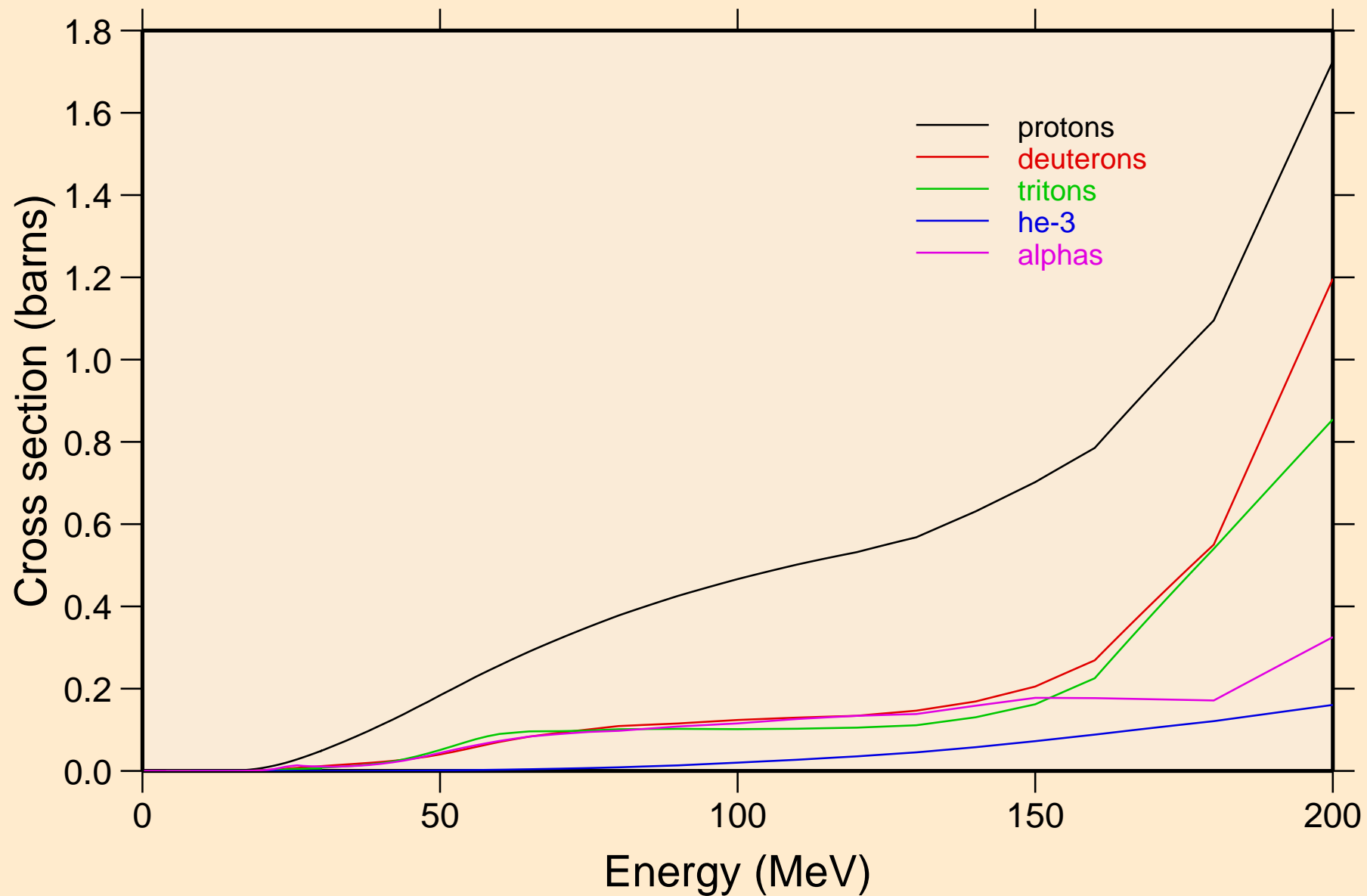
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions



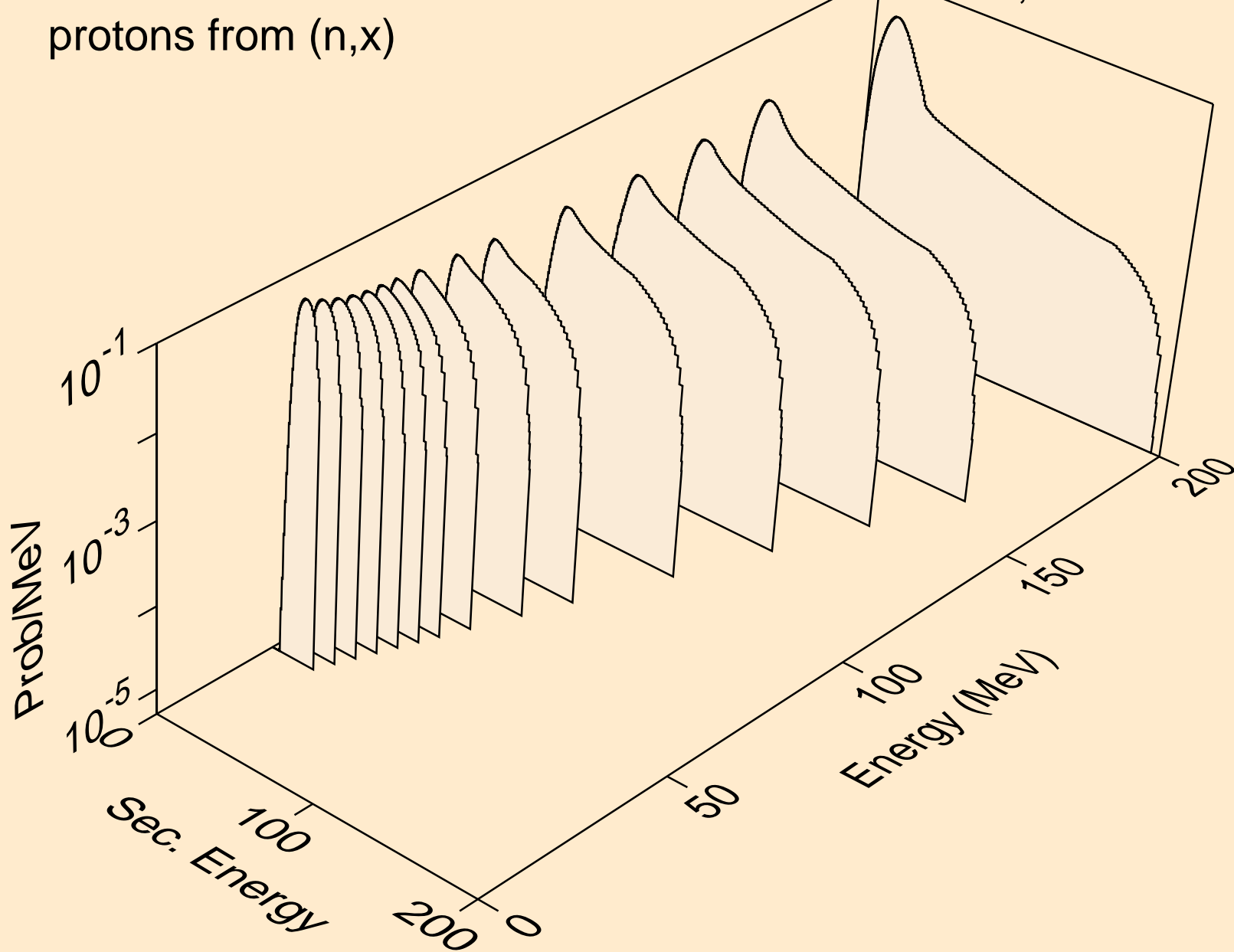
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Recoil Heating



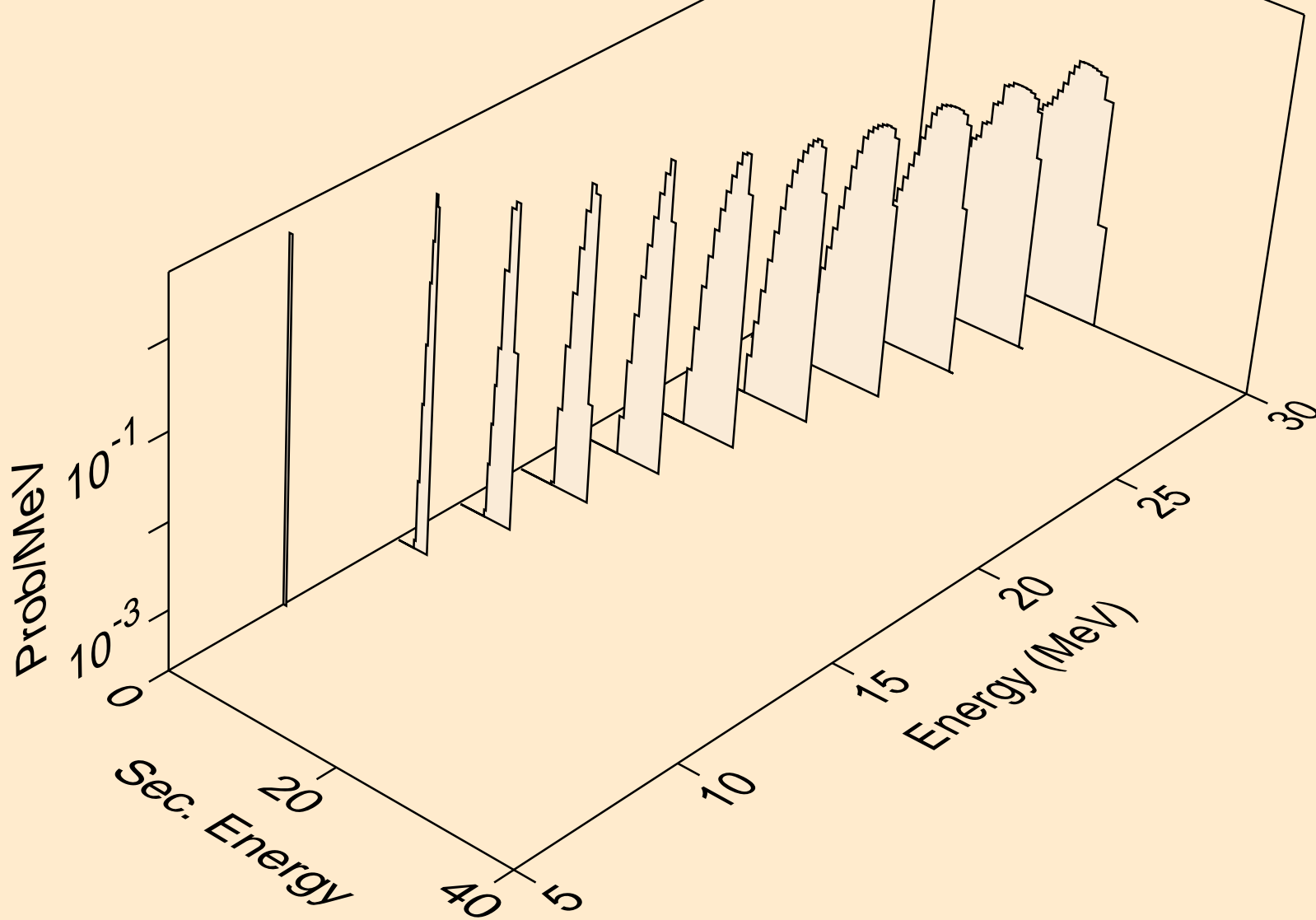
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Particle production cross sections



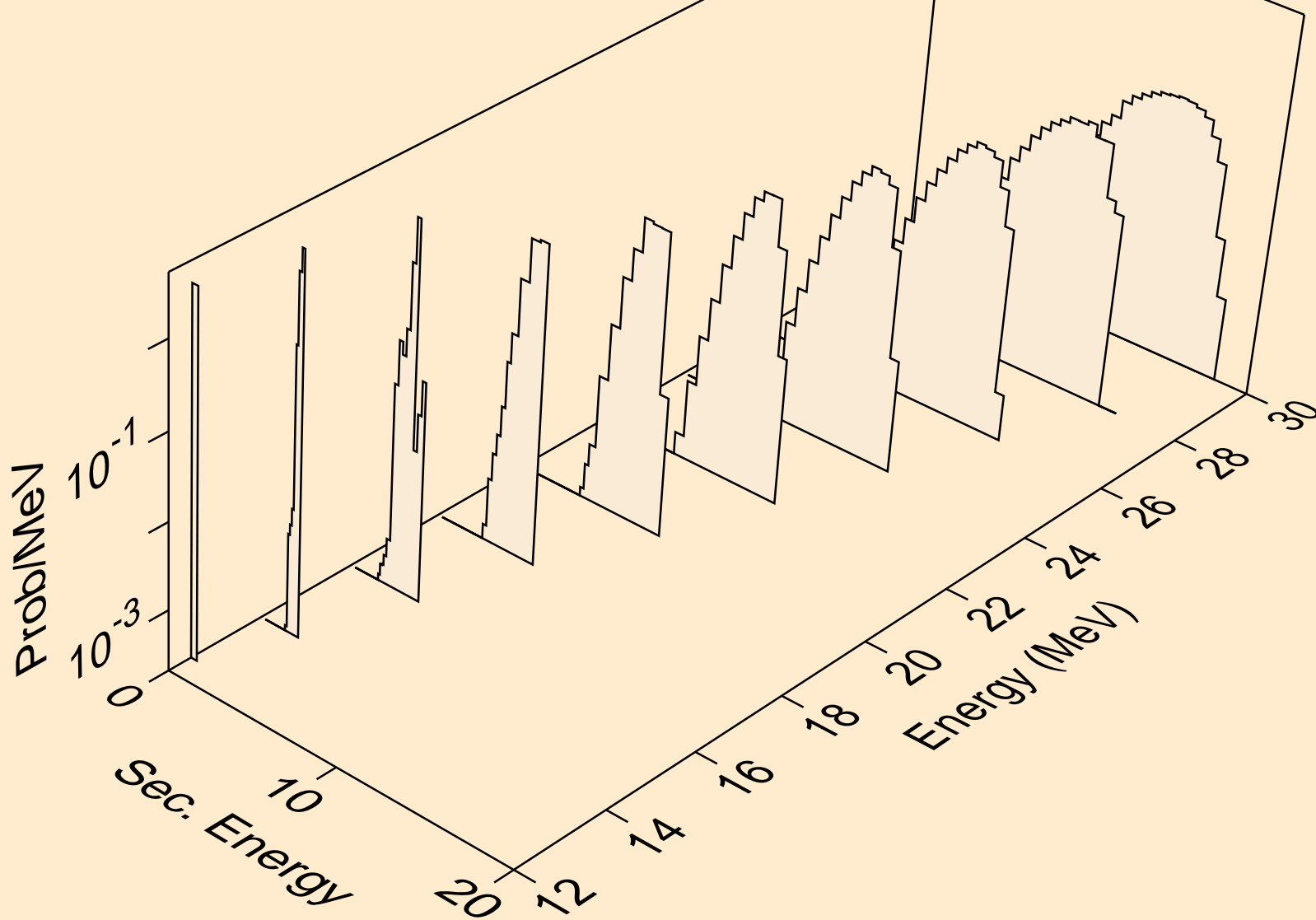
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



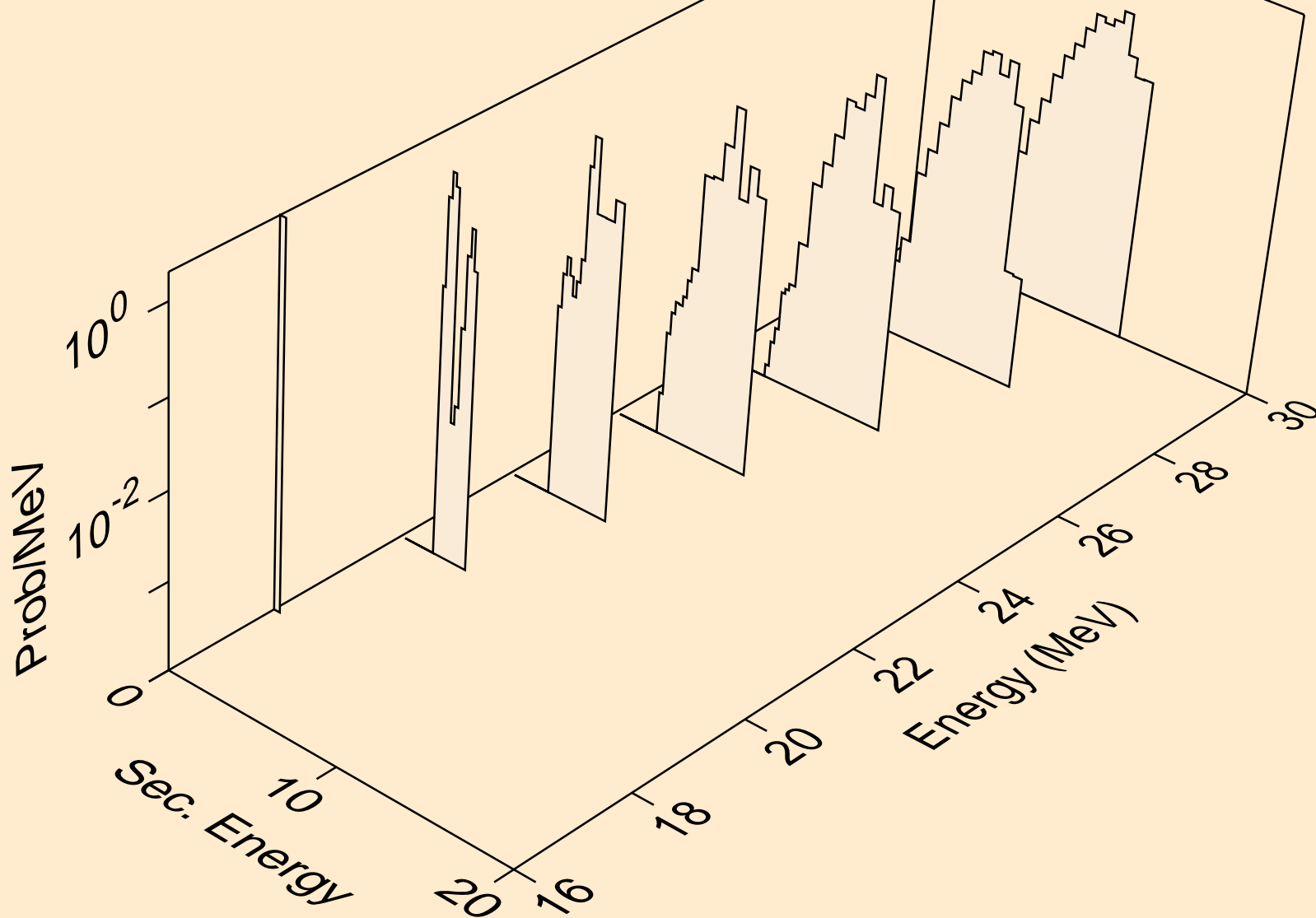
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



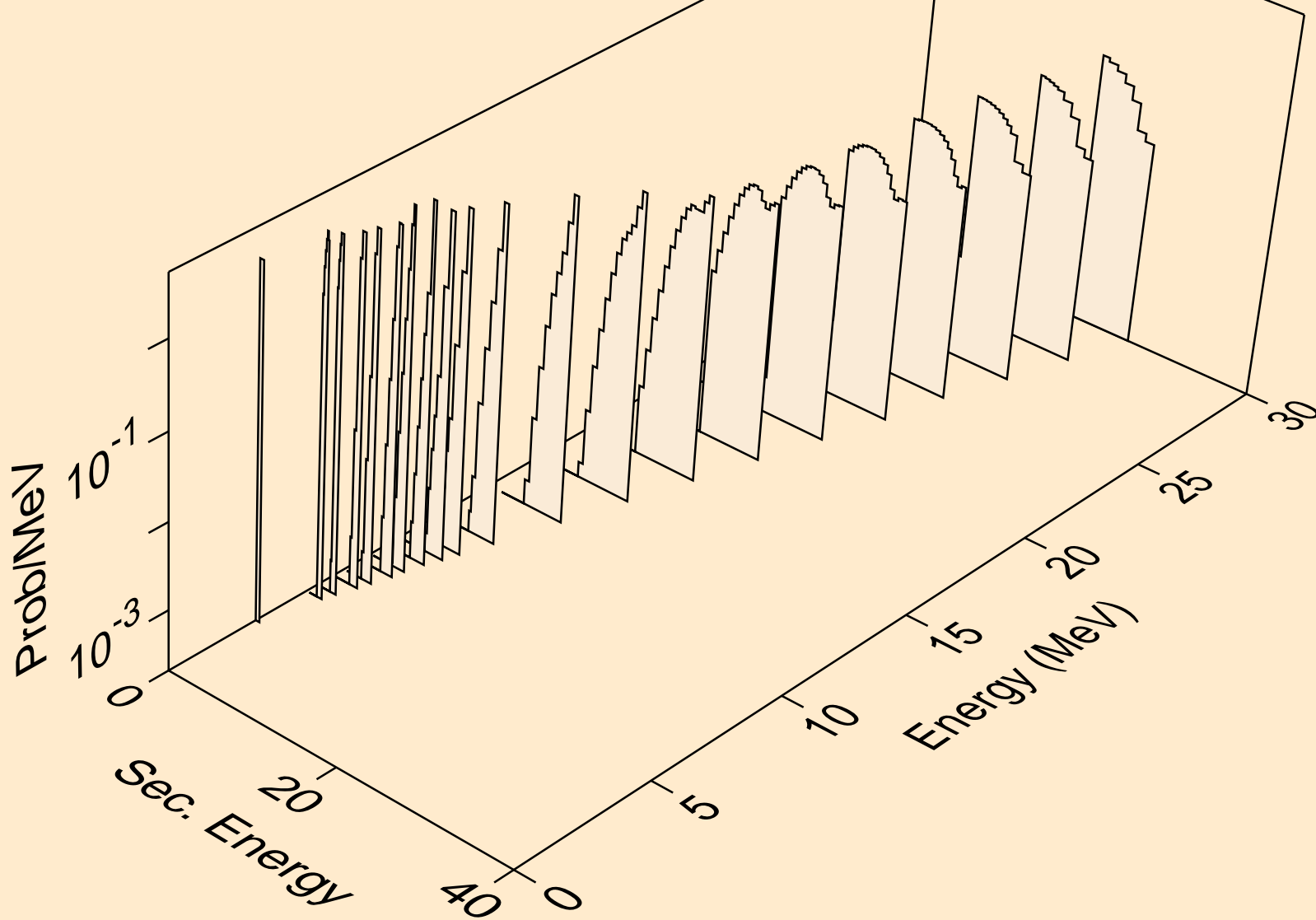
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protons from (n,2np)



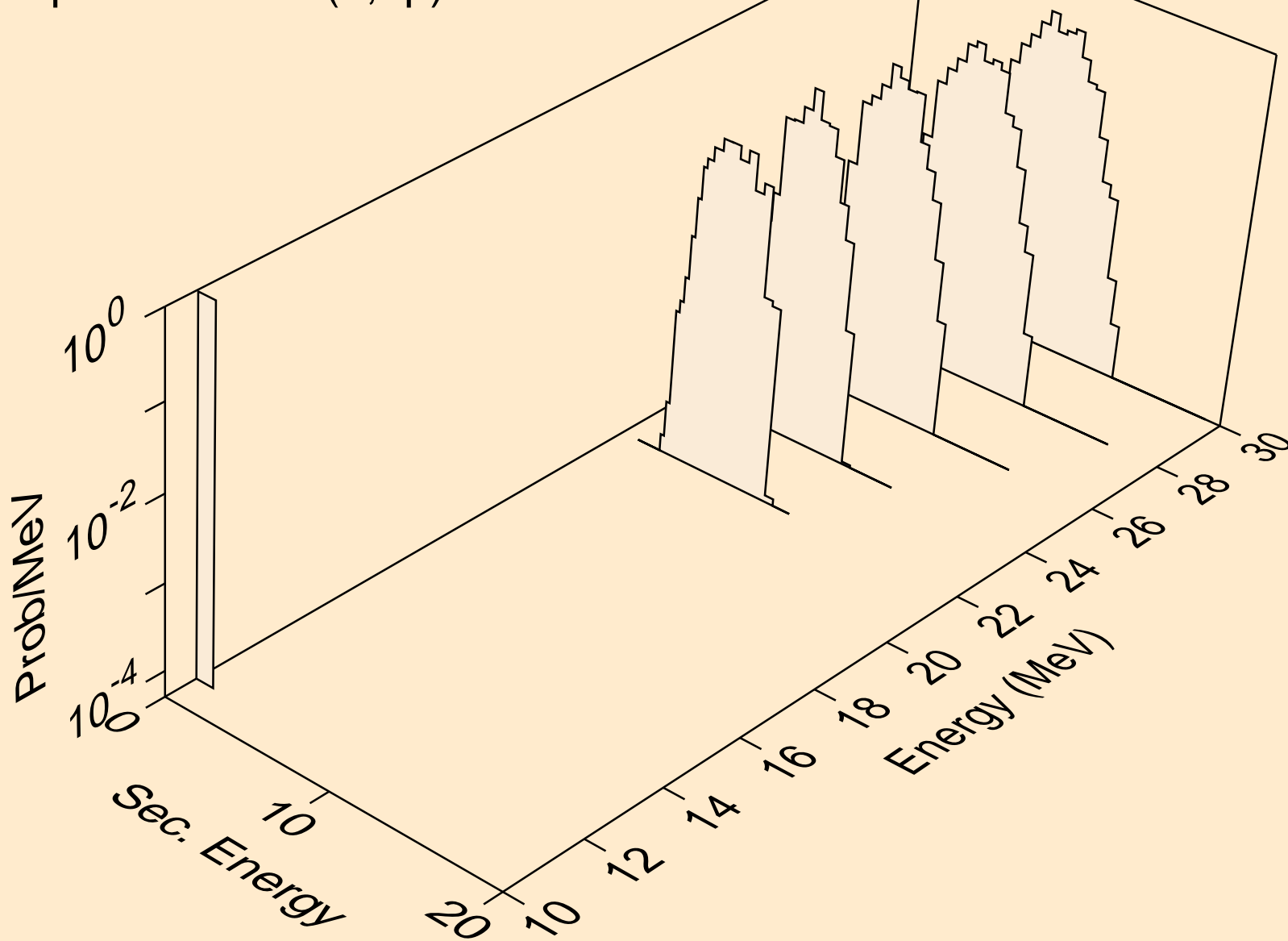
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protons from (n,3np)



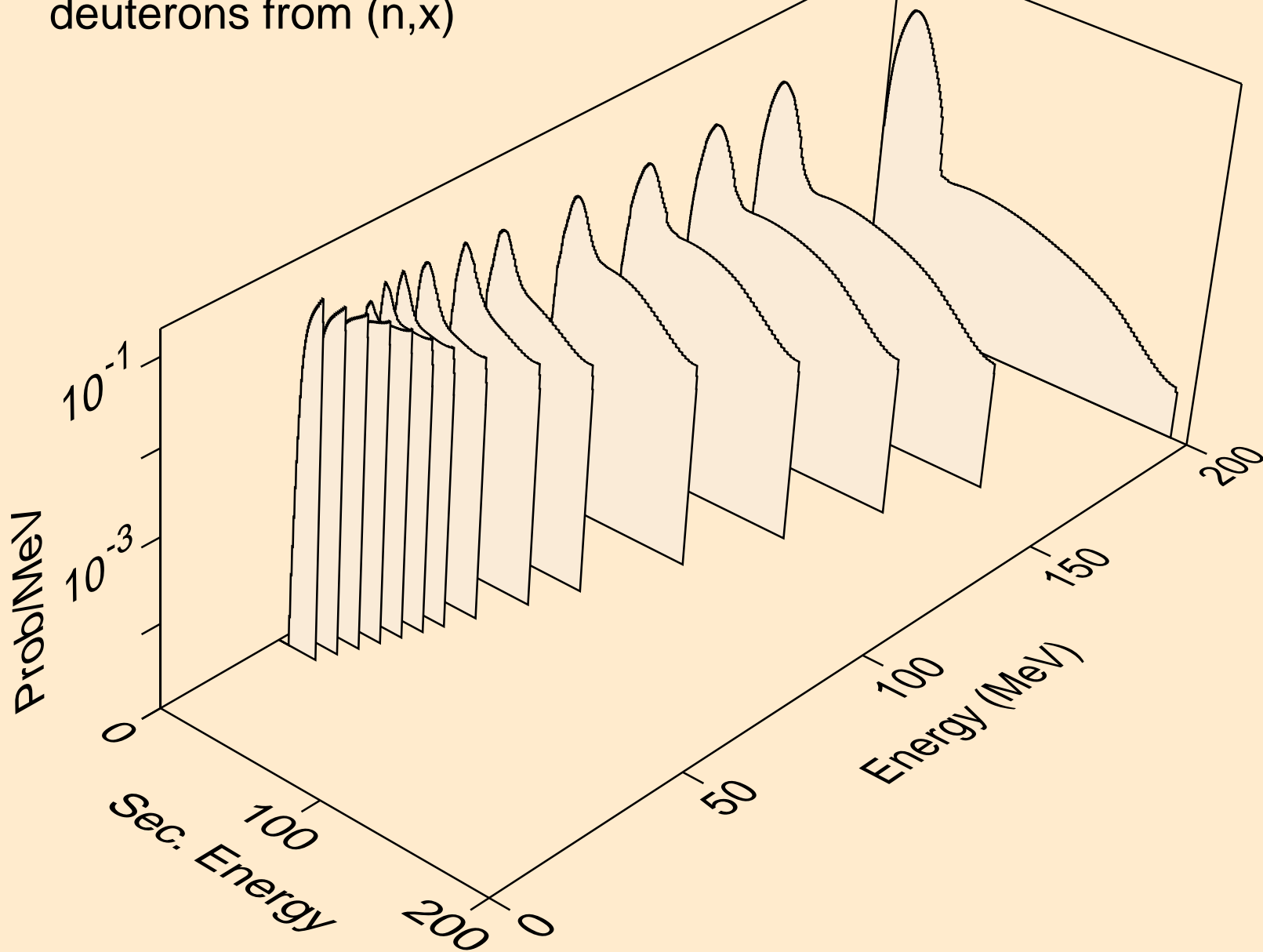
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protons from (n,p)



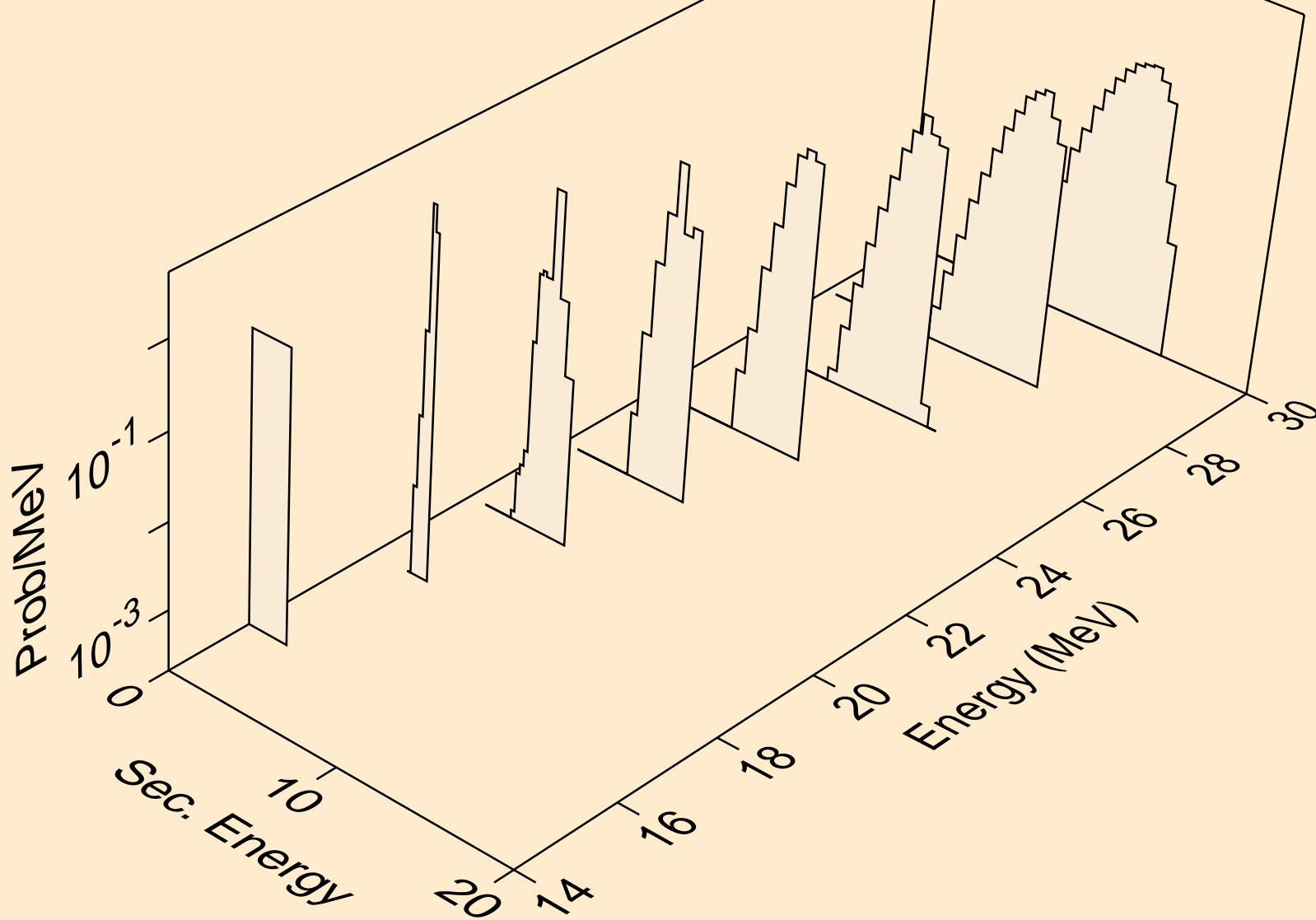
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protons from (n,2p)



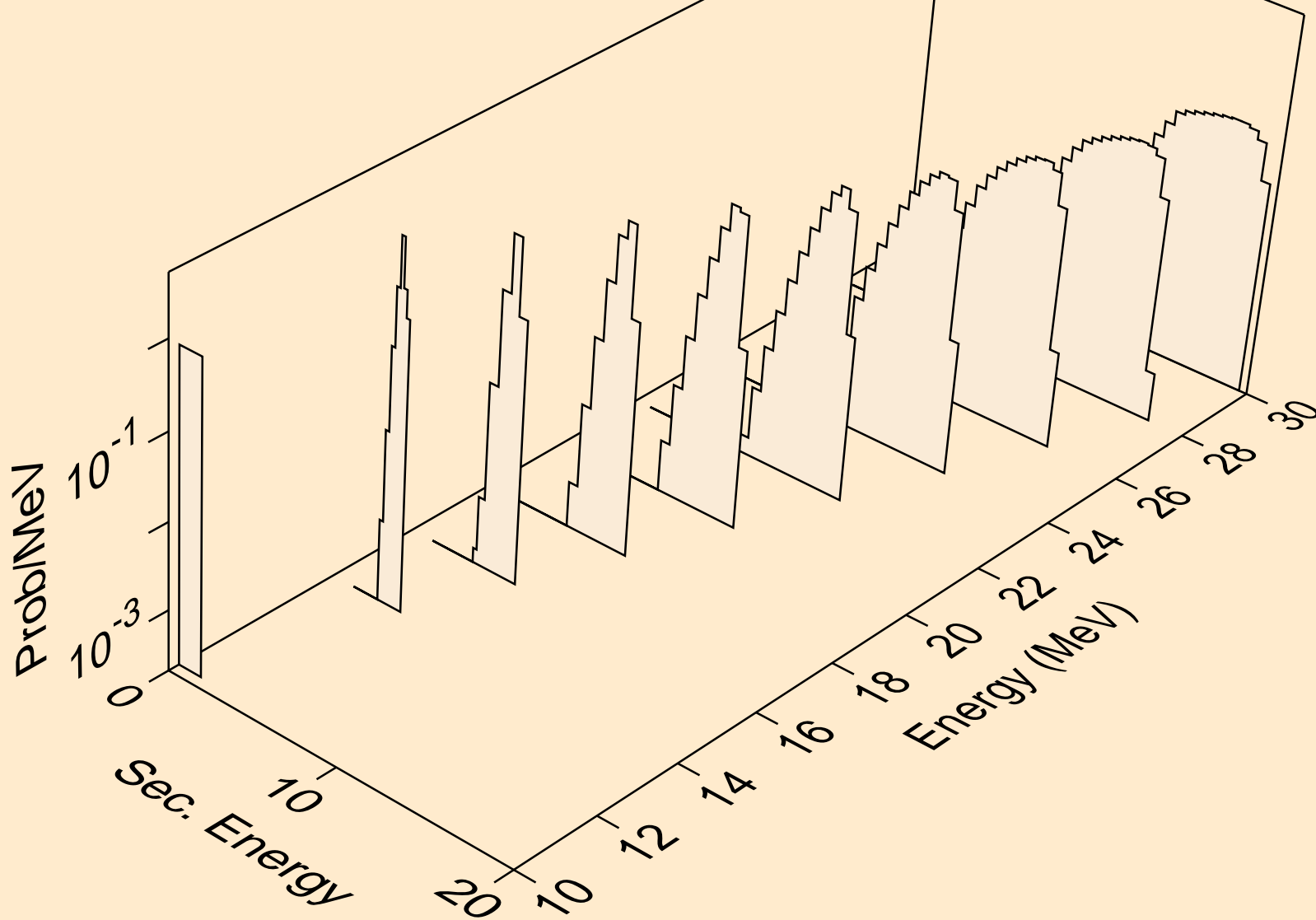
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deuterons from (n,x)



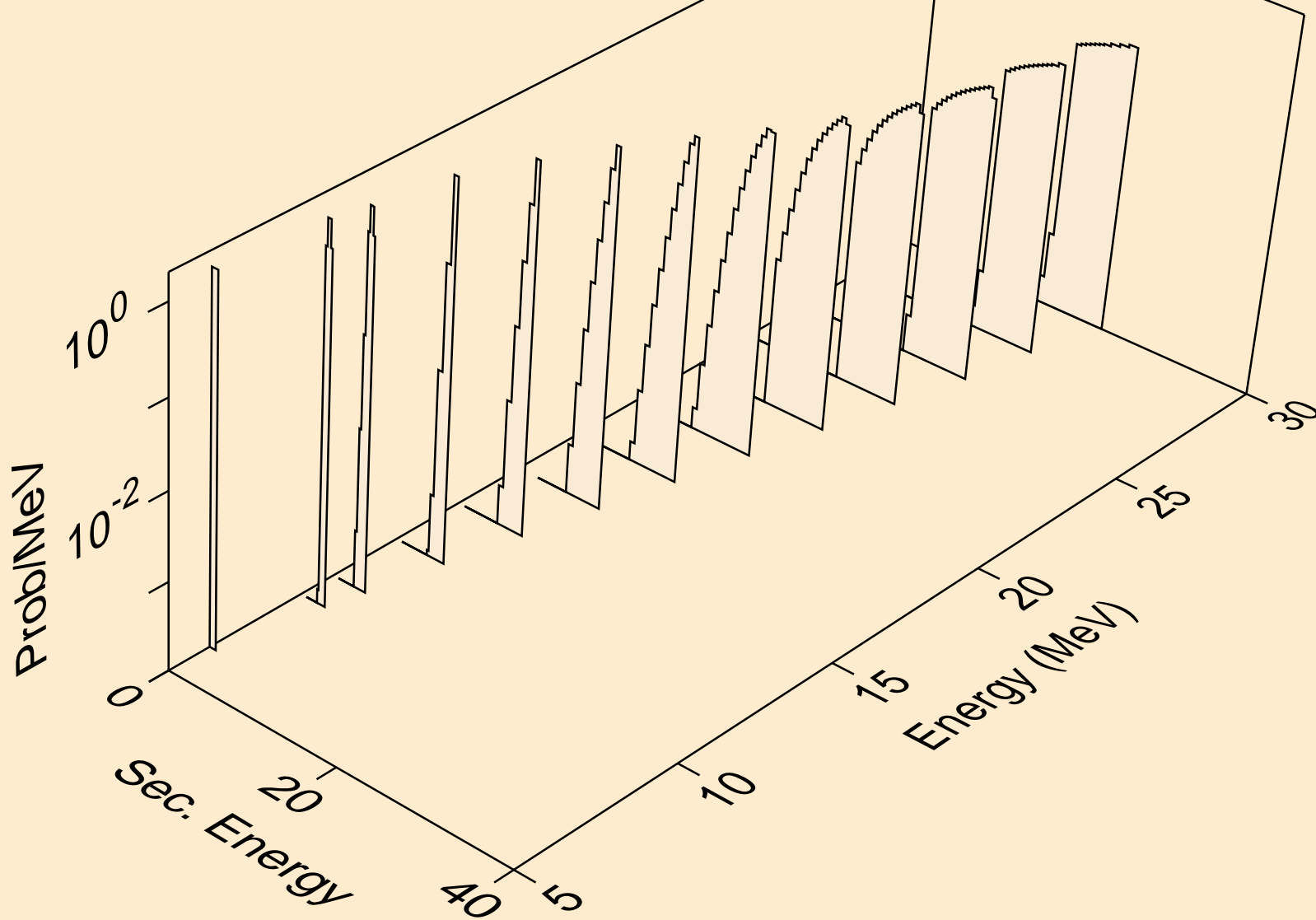
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deuterons from (n,2nd)



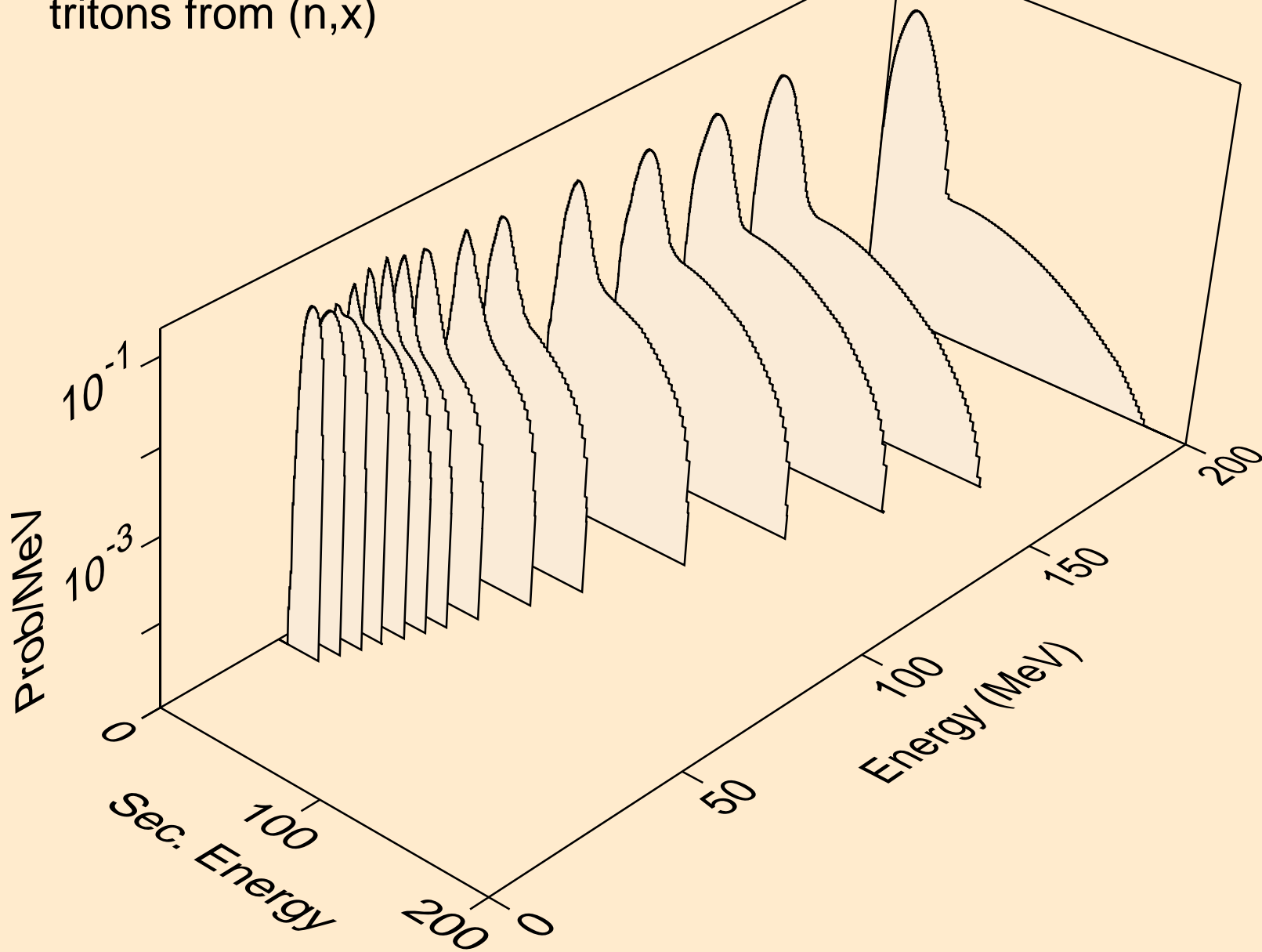
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deuterons from (n,n*)d



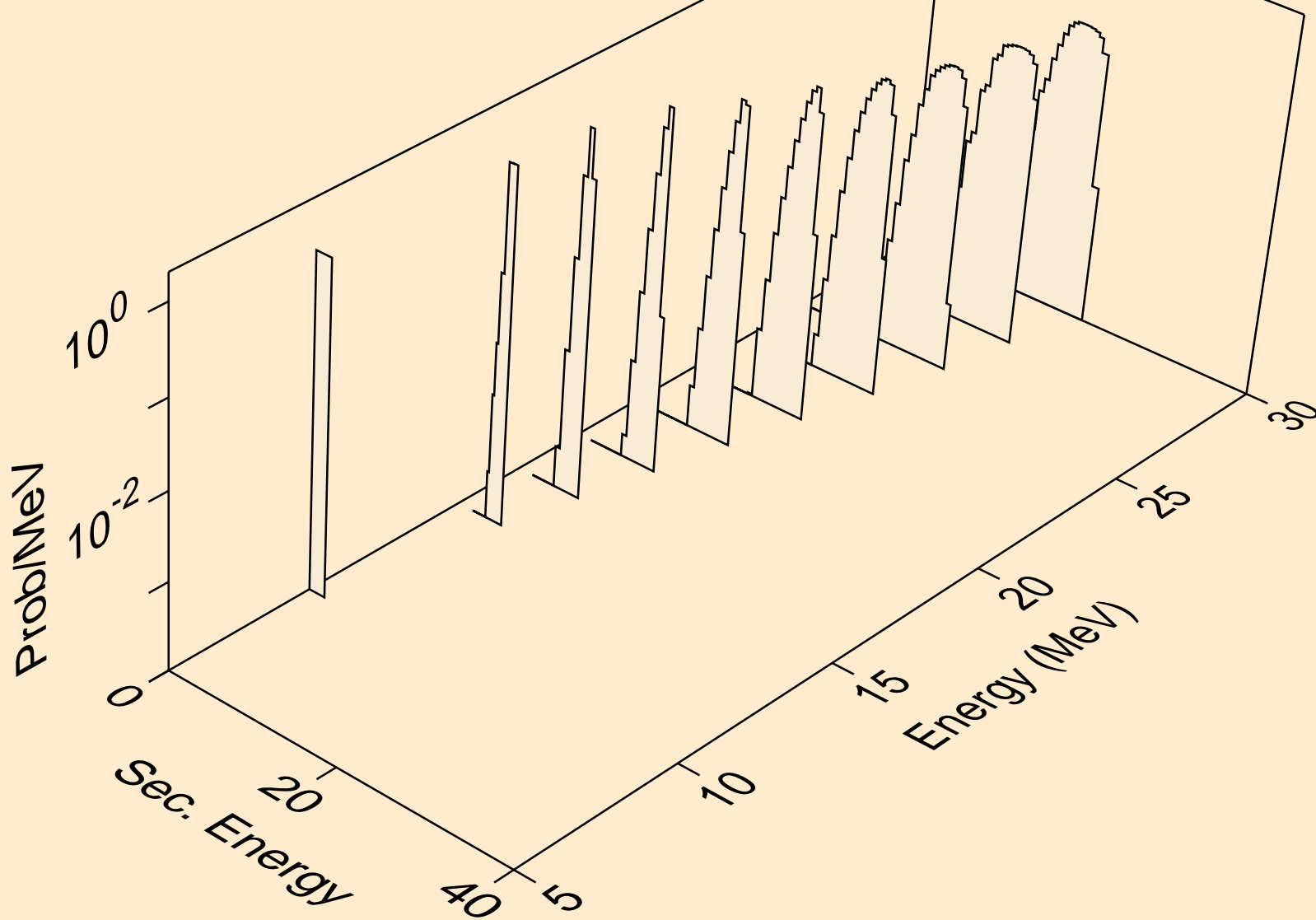
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deuterons from (n,d)



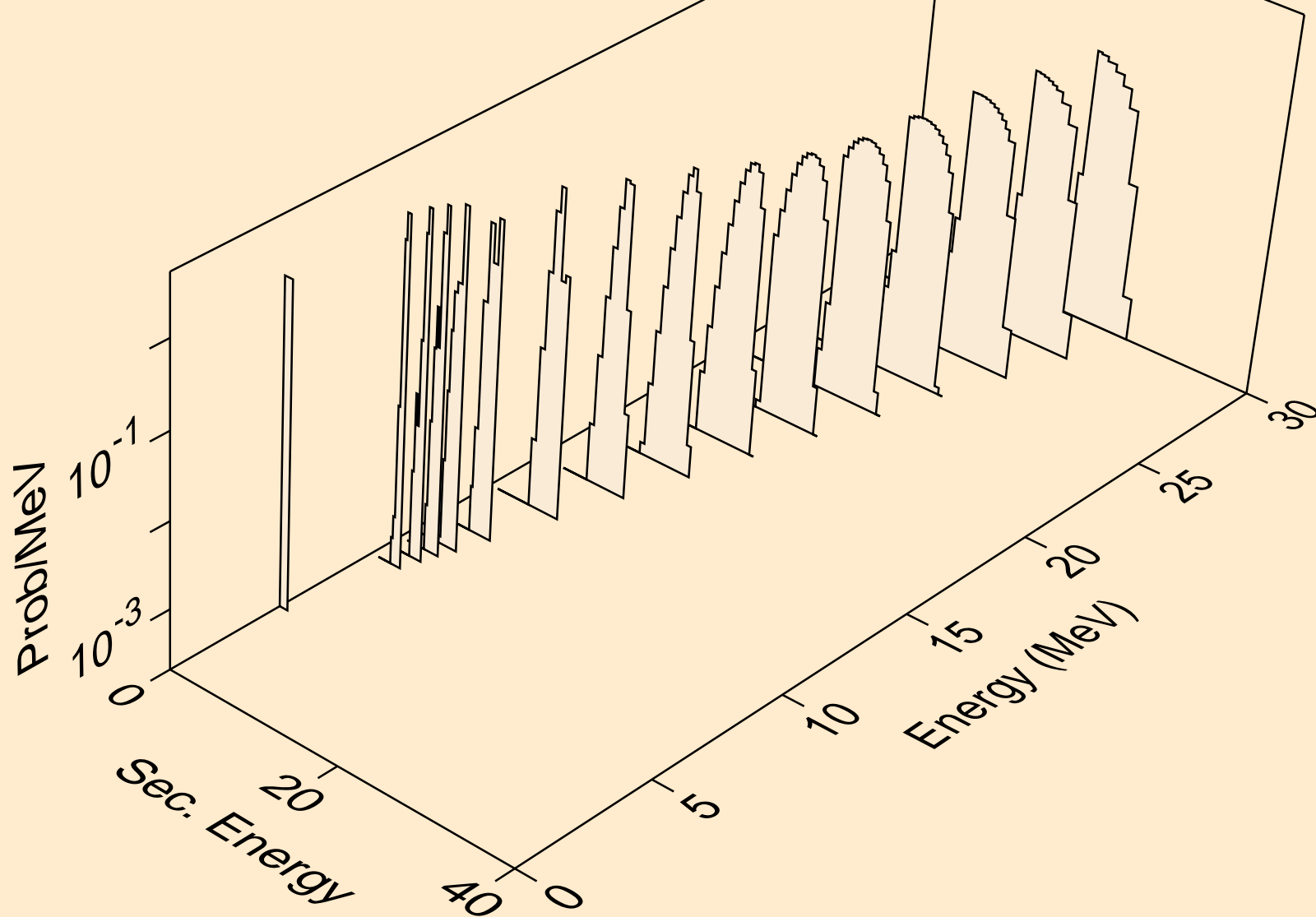
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tritons from (n,x)



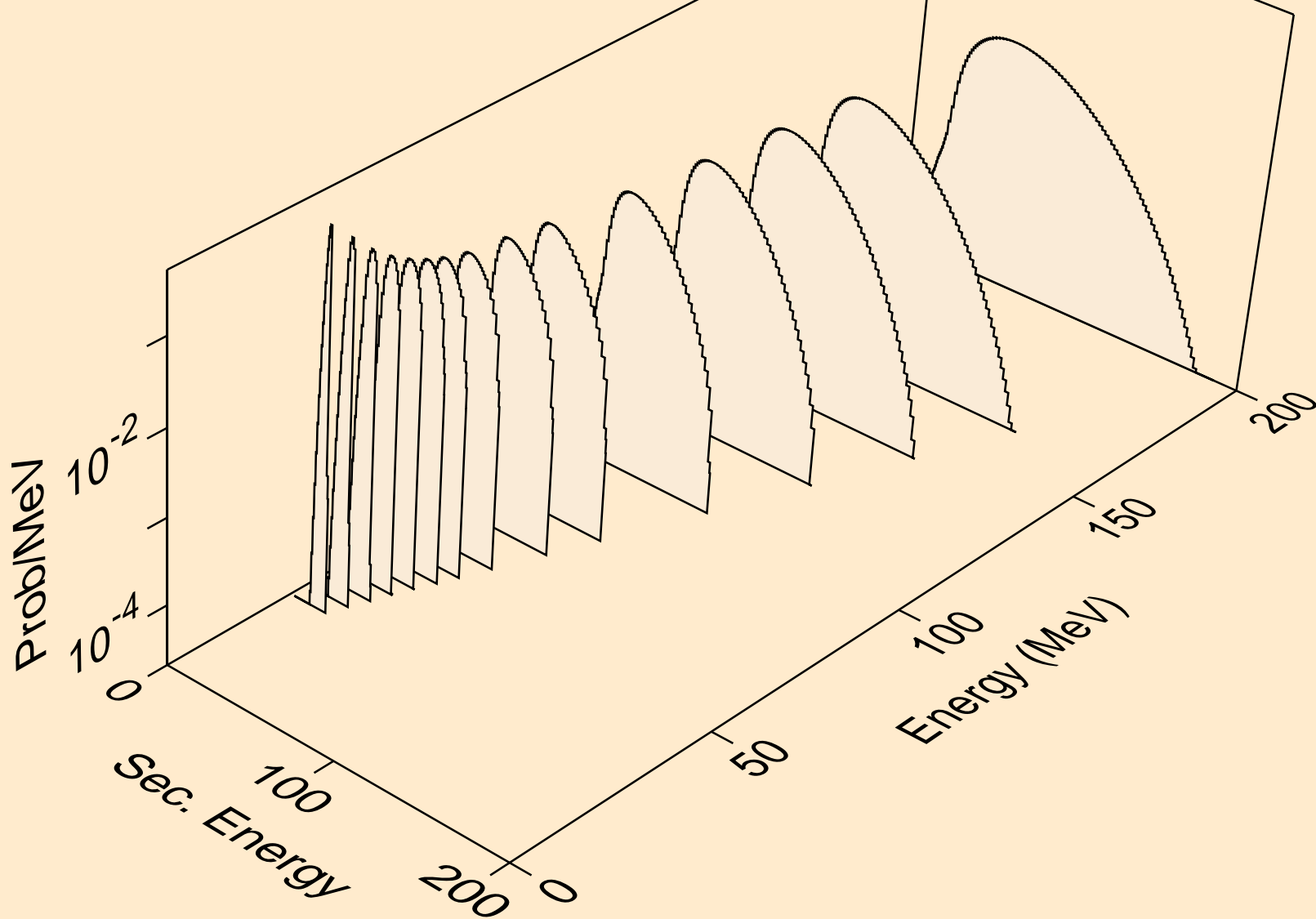
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



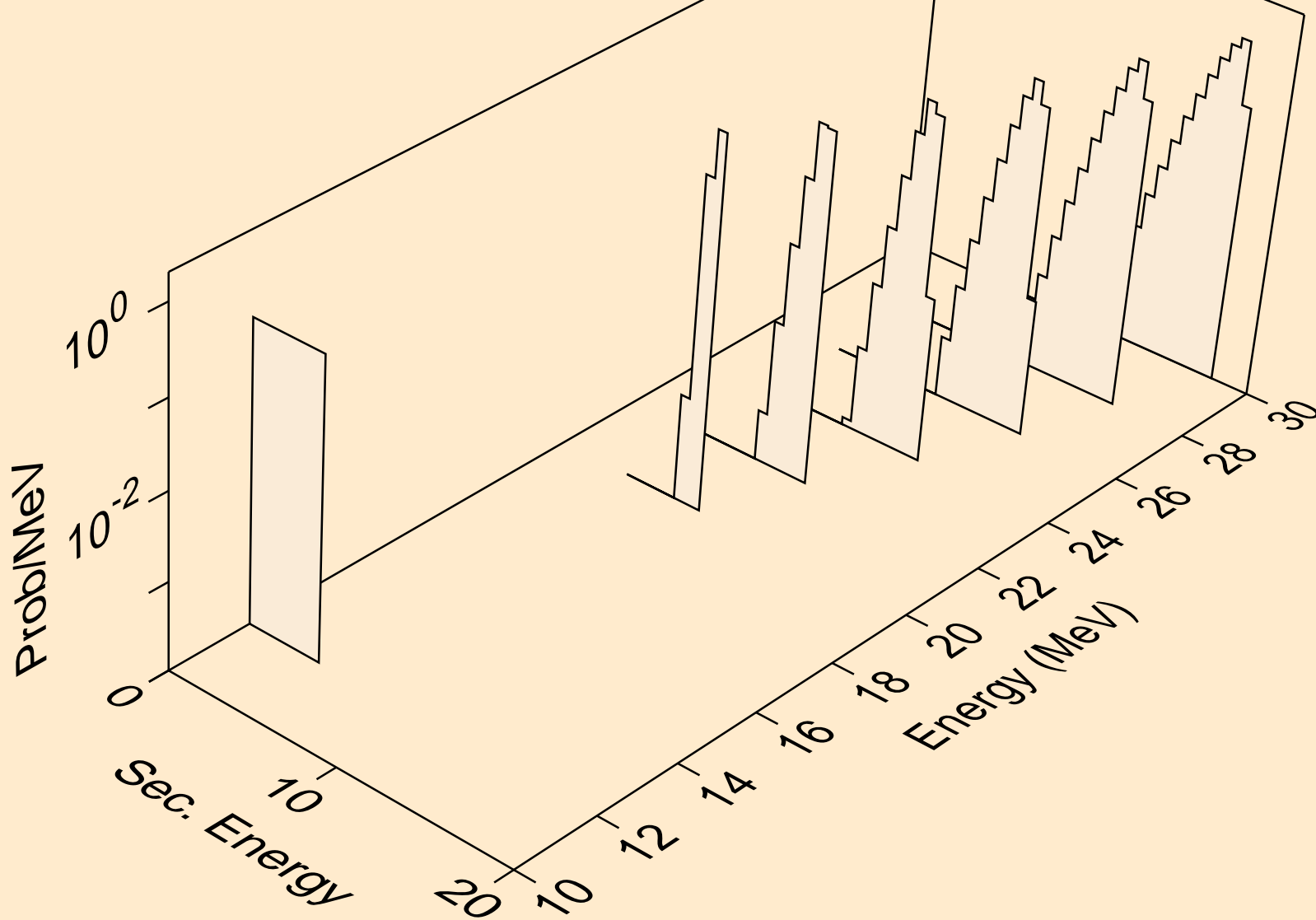
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tritons from (n,t)



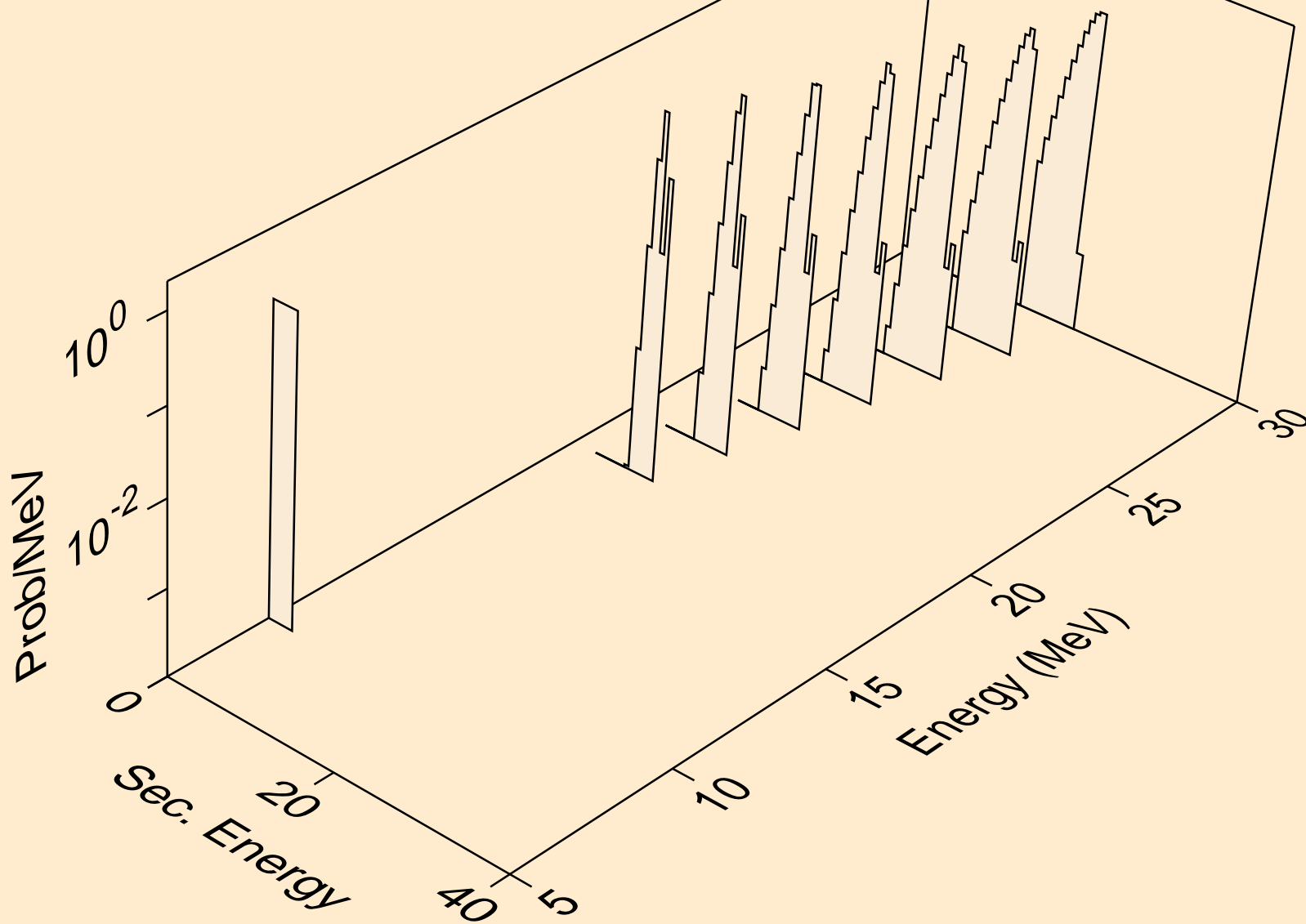
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he3s from (n,x)



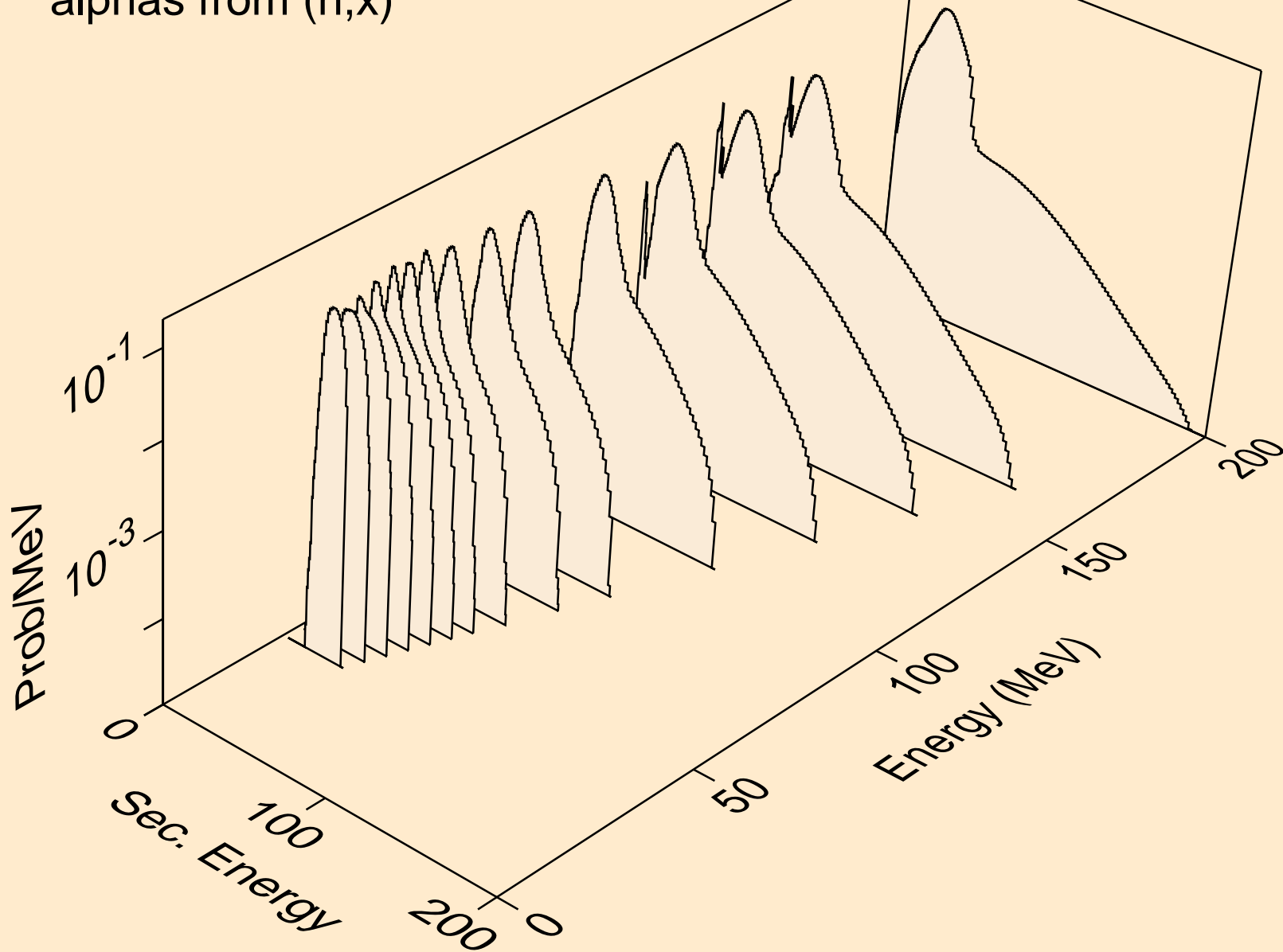
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he3s from (n,n*)he3



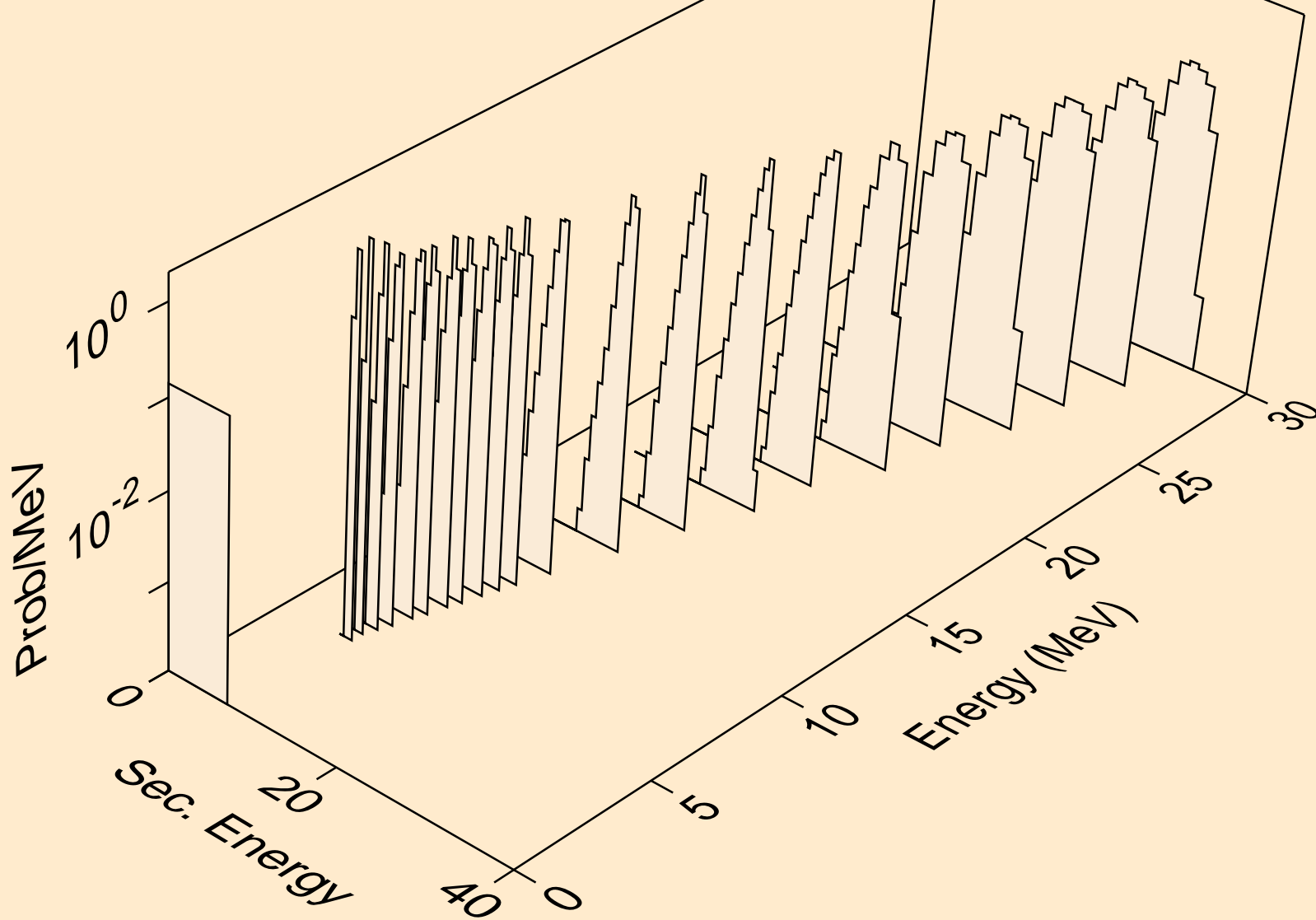
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he3s from (n,he3)



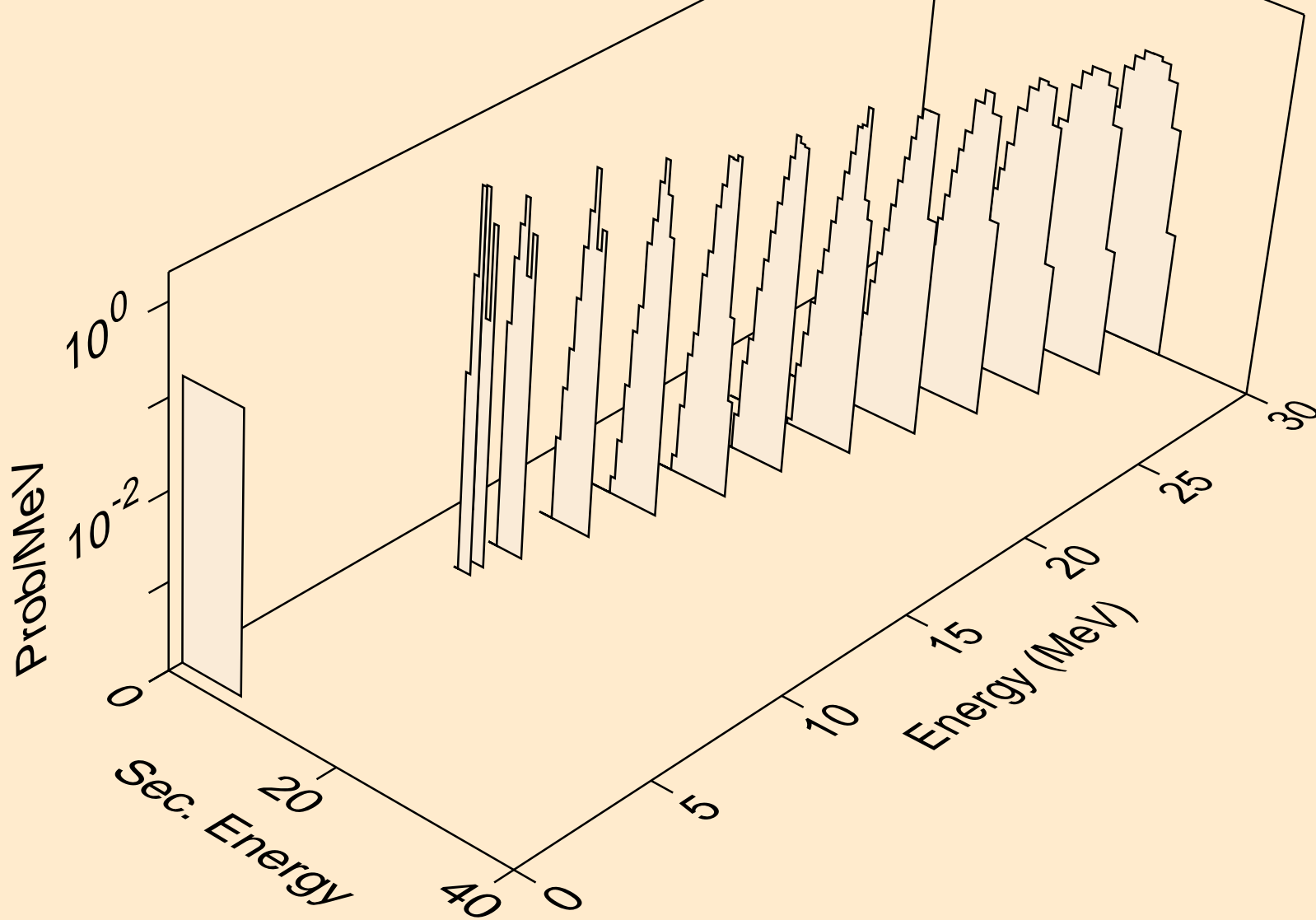
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



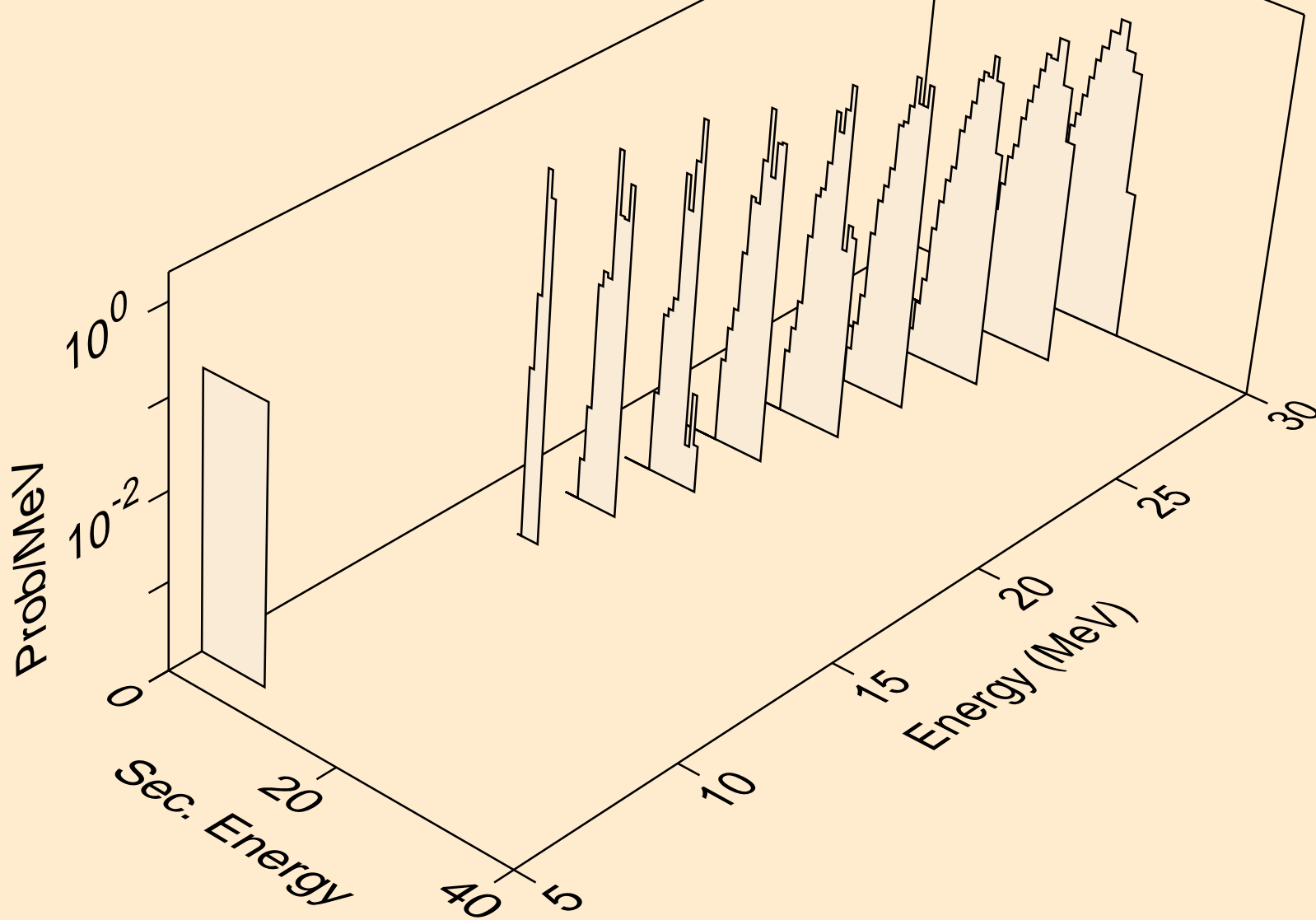
TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



TH239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)

