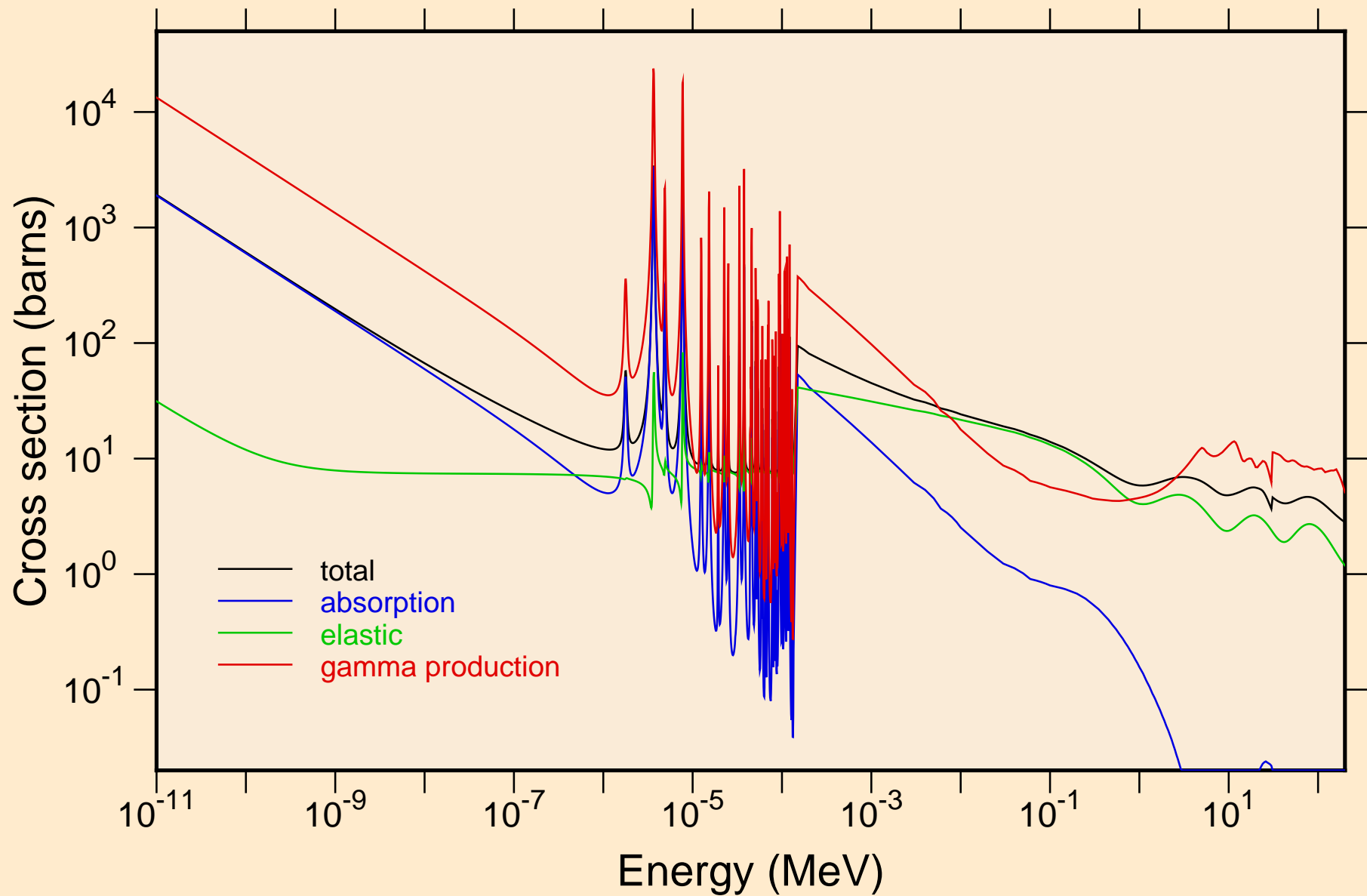
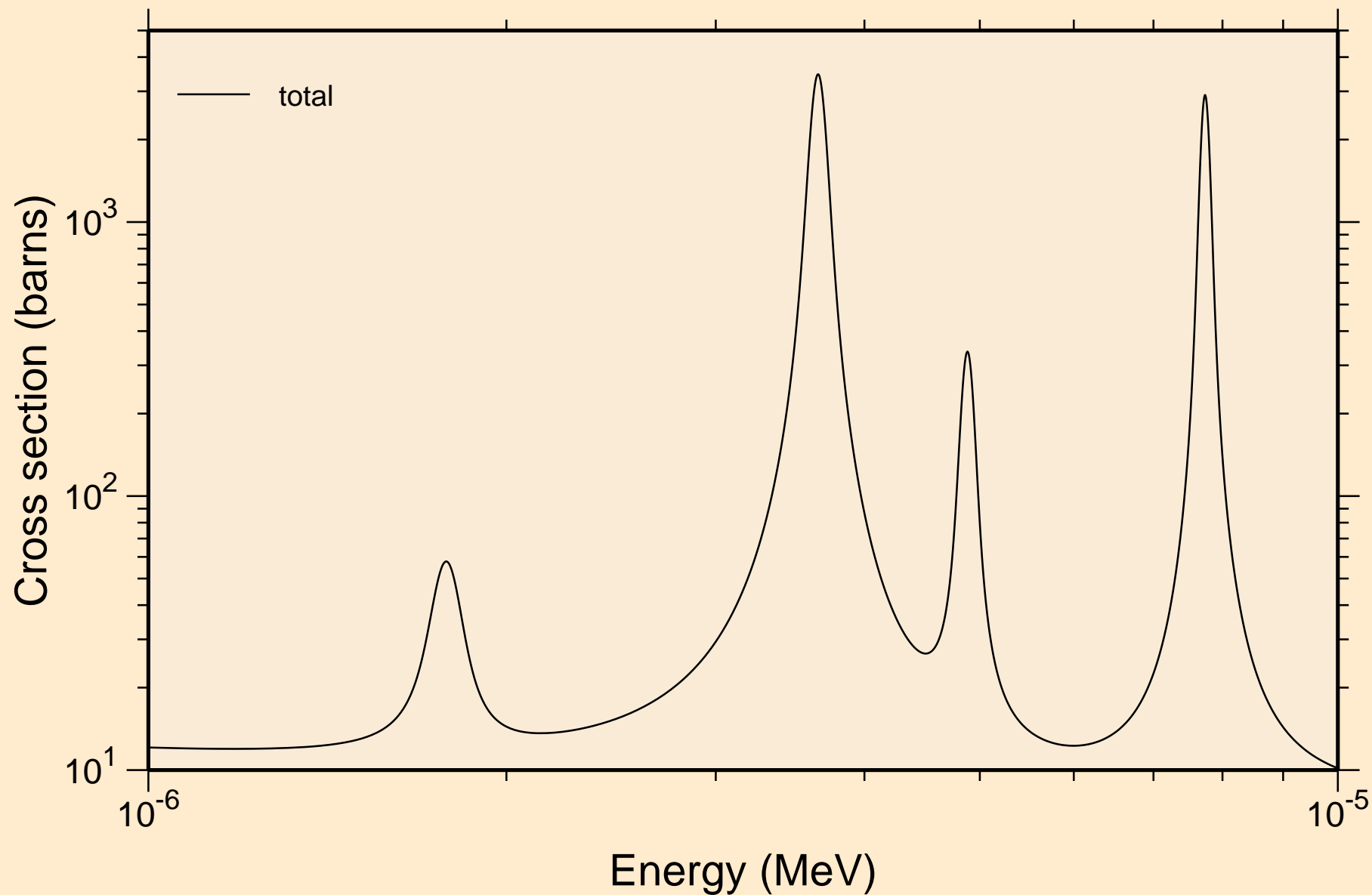


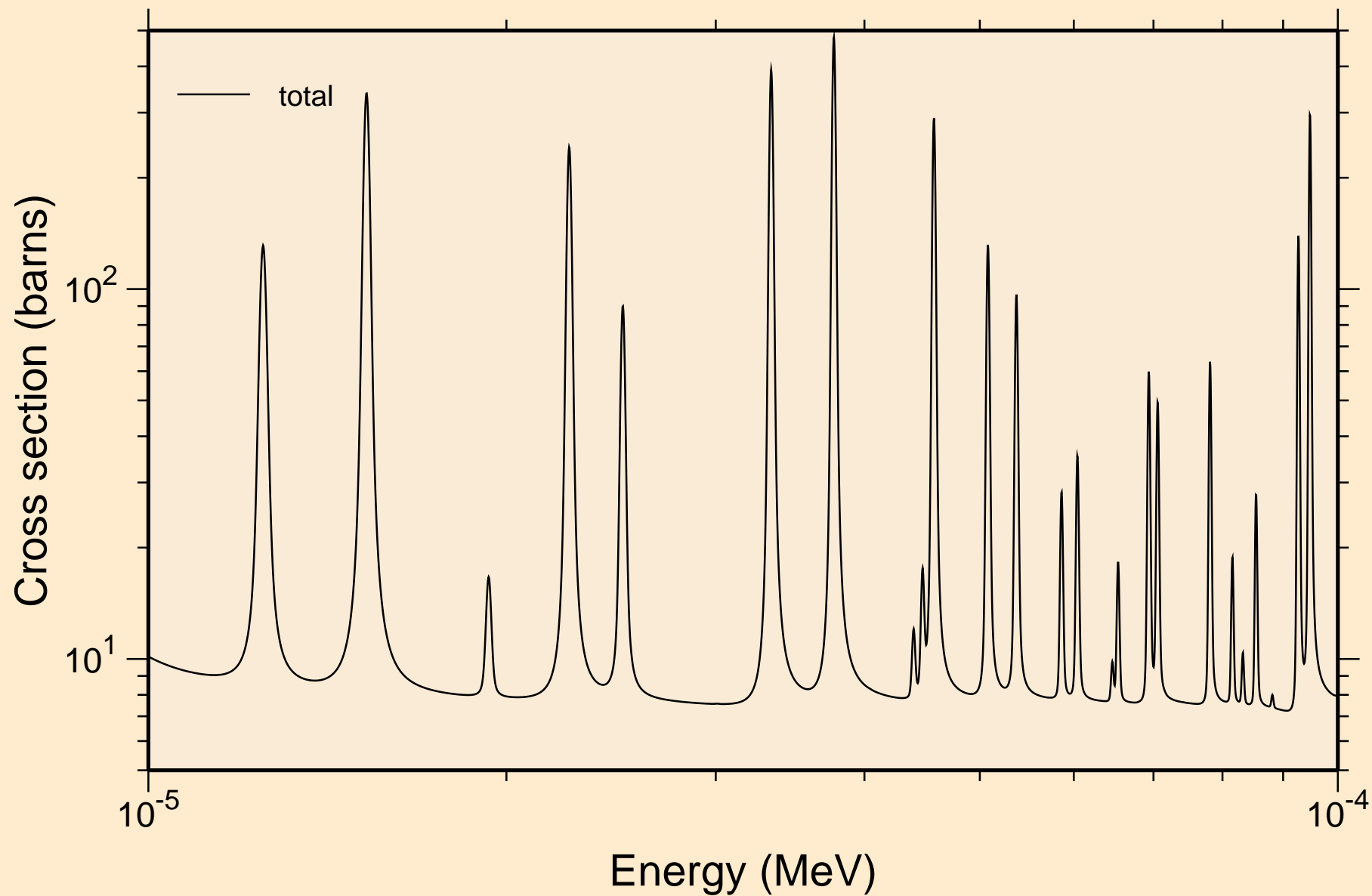
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



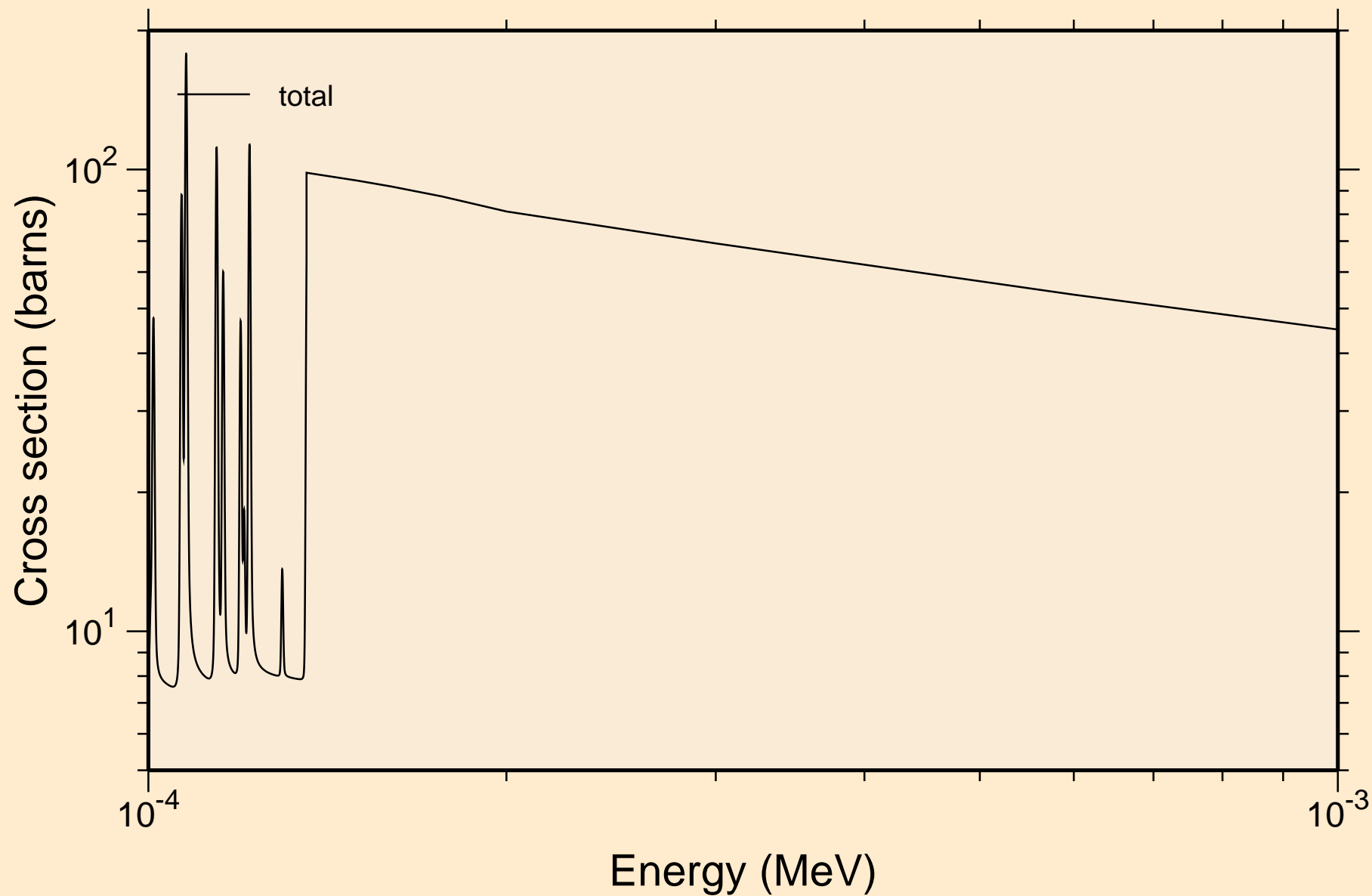
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



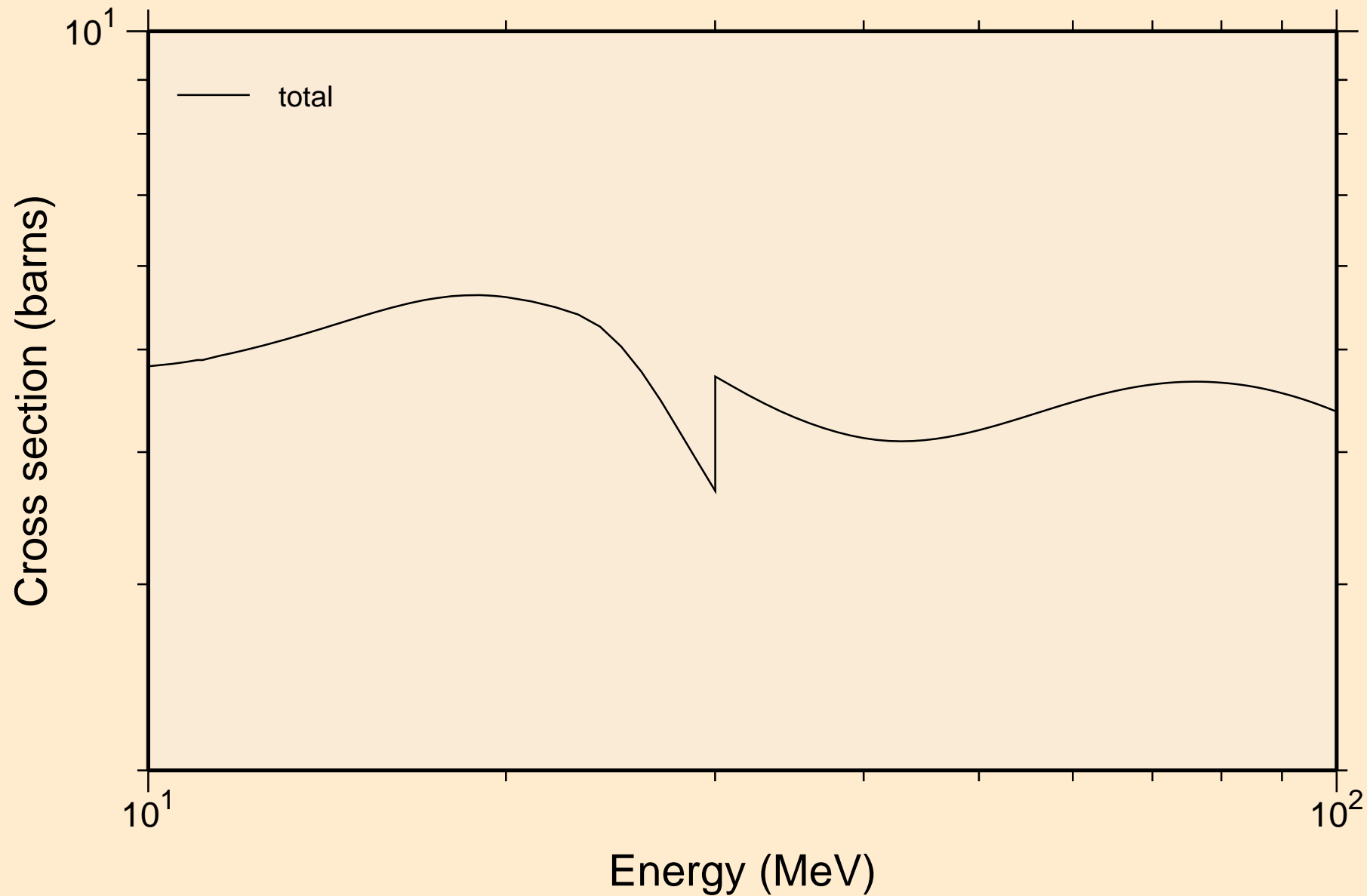
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resonance total cross section



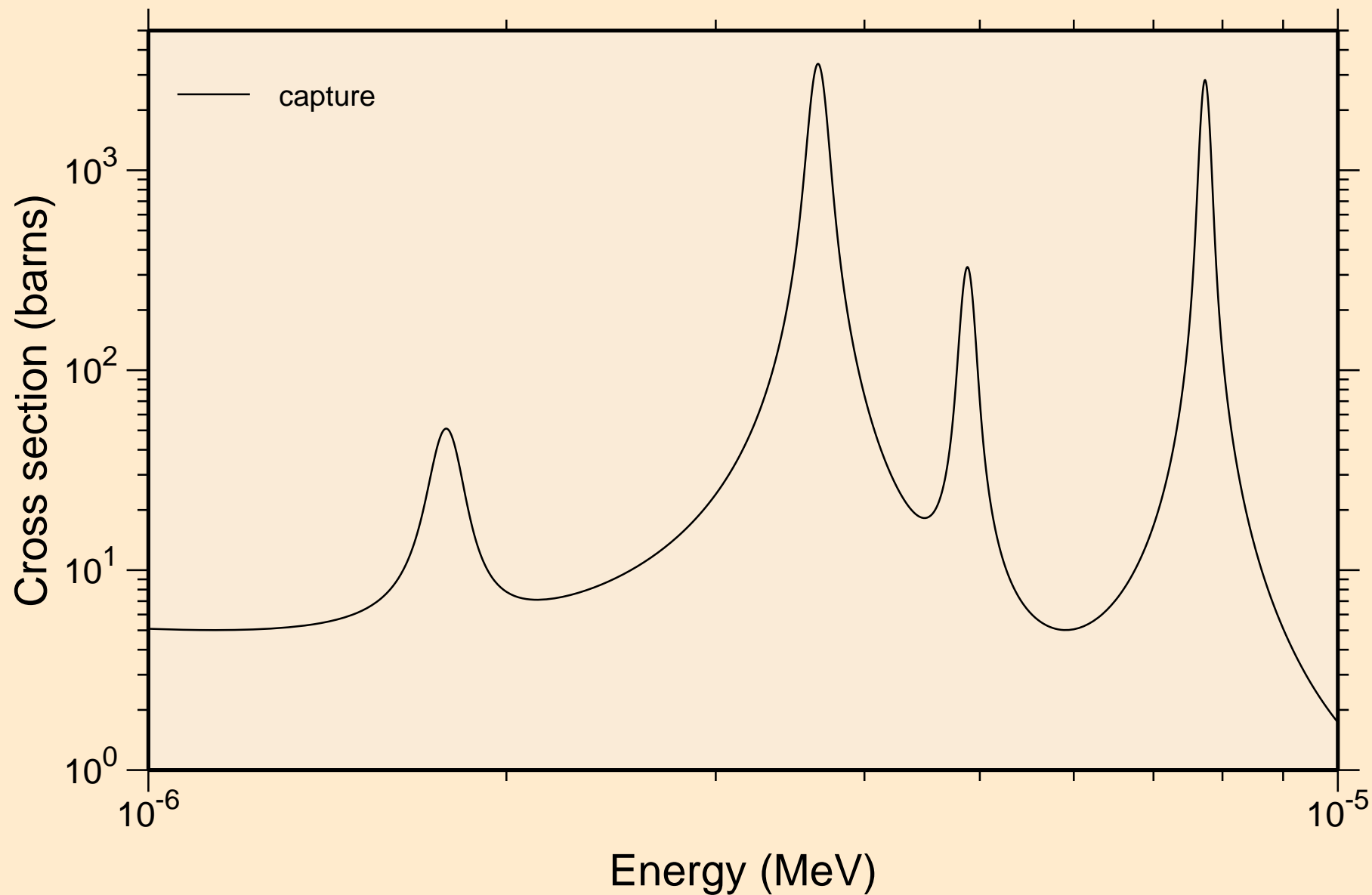
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resonance total cross section



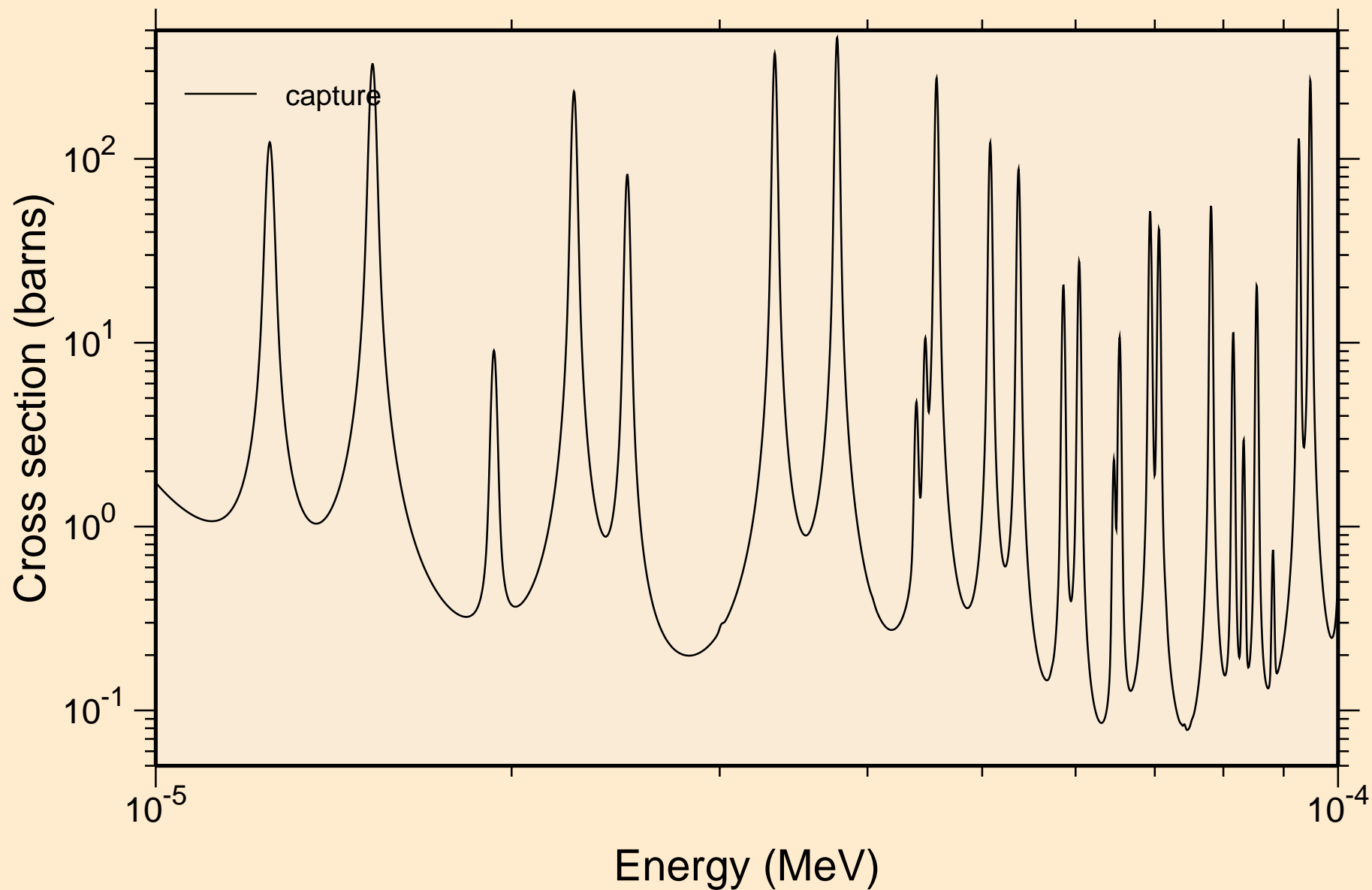
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



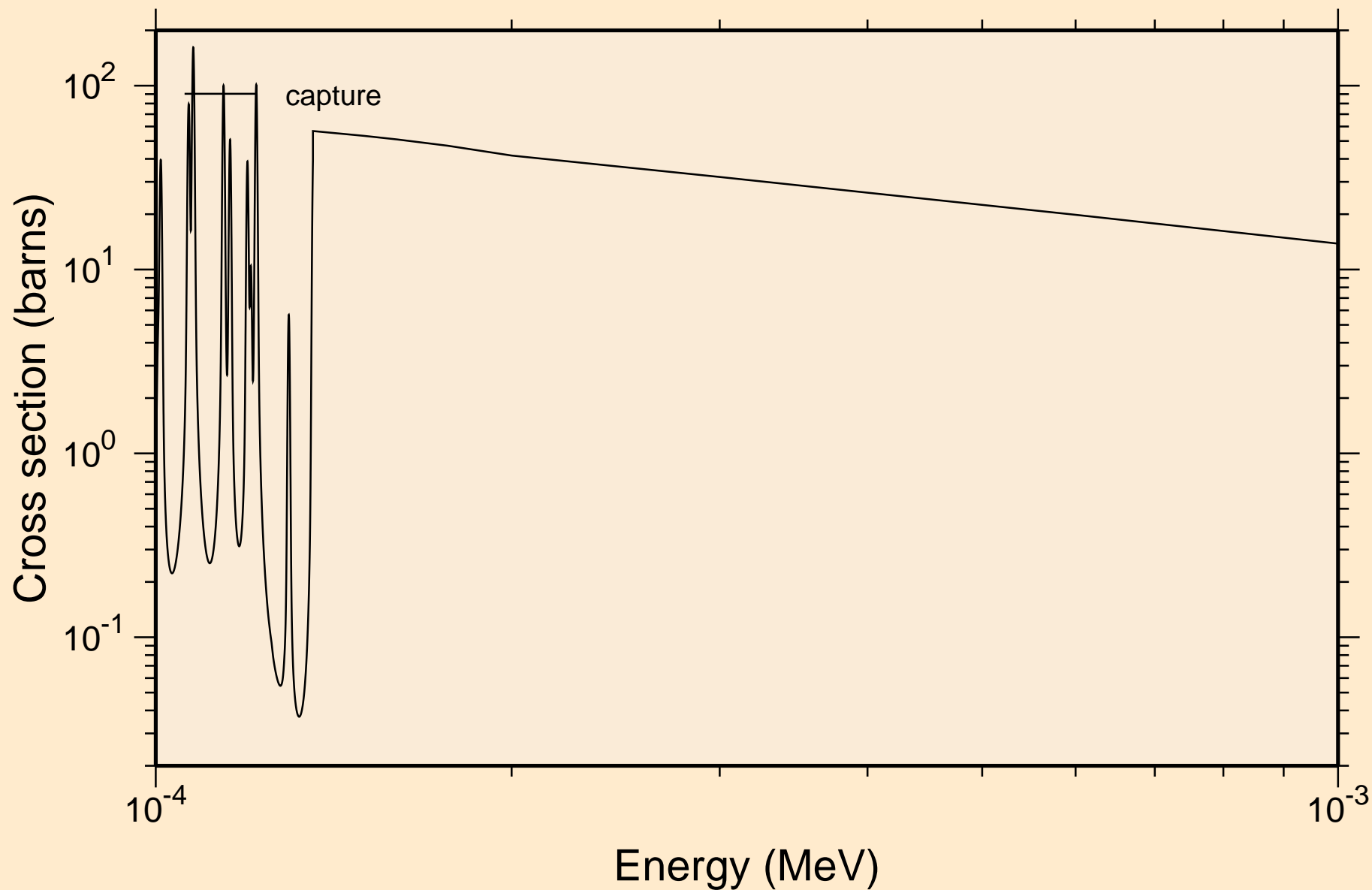
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resonance absorption cross sections



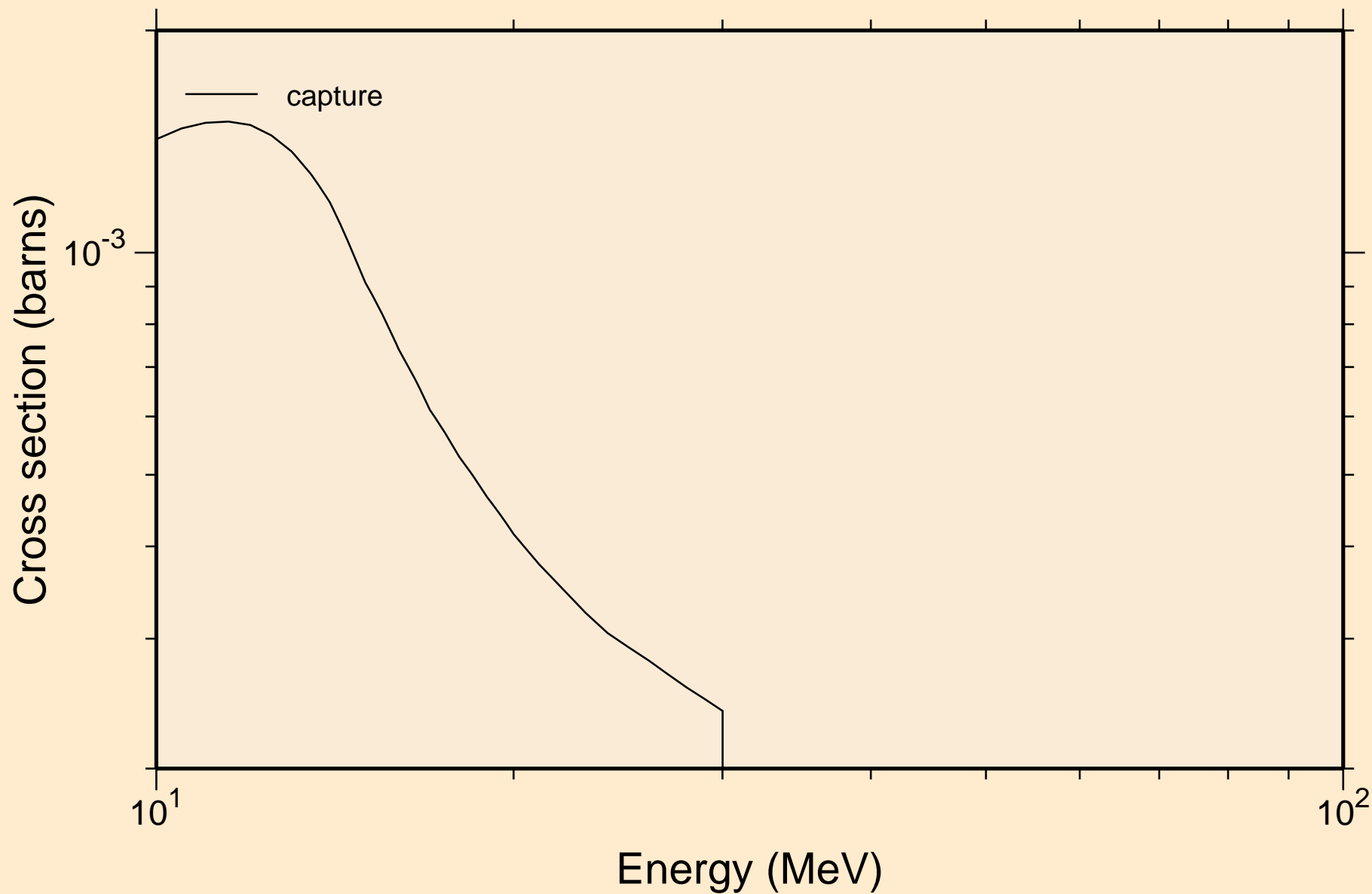
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resonance absorption cross sections



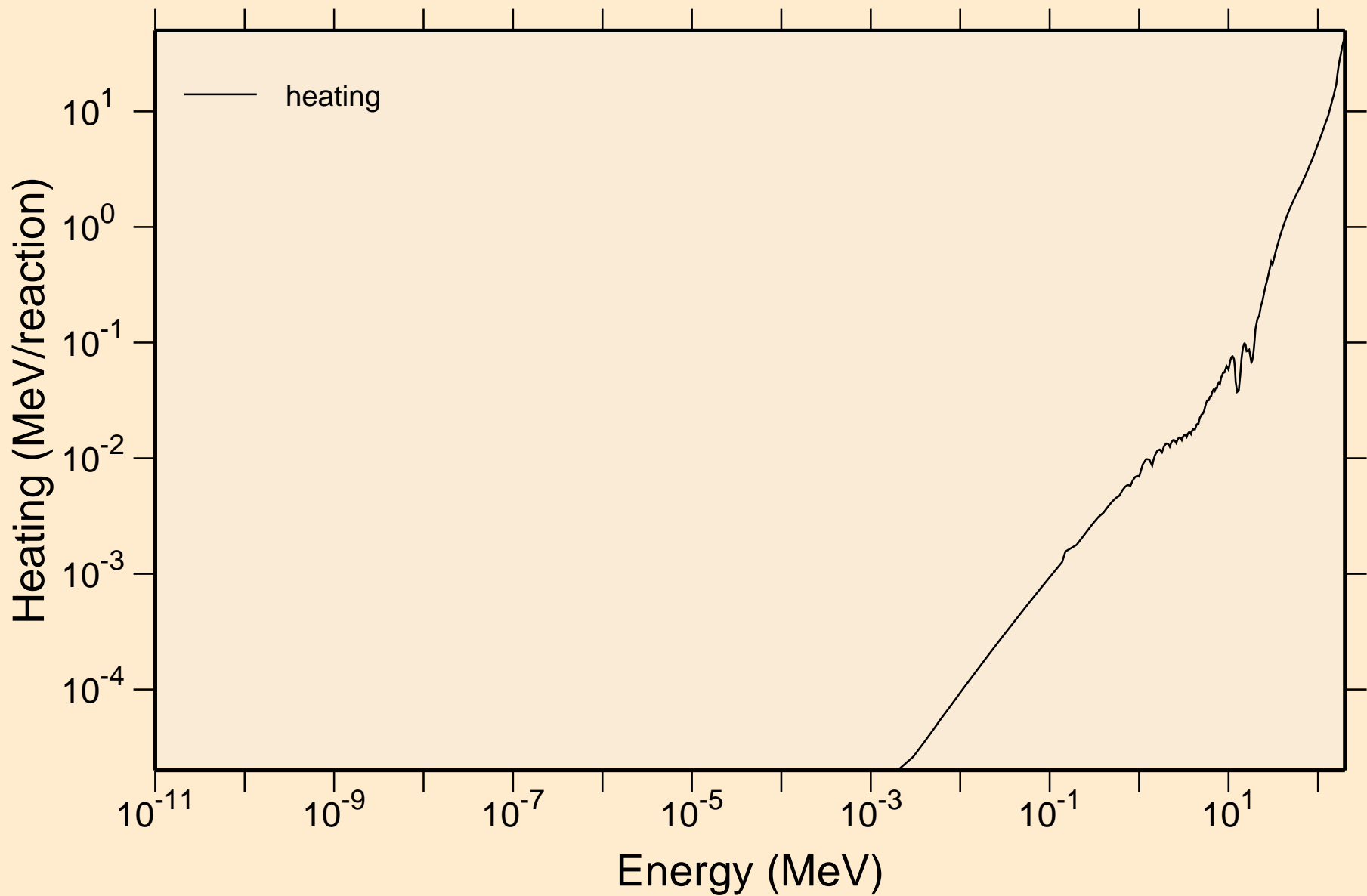
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resonance absorption cross sections



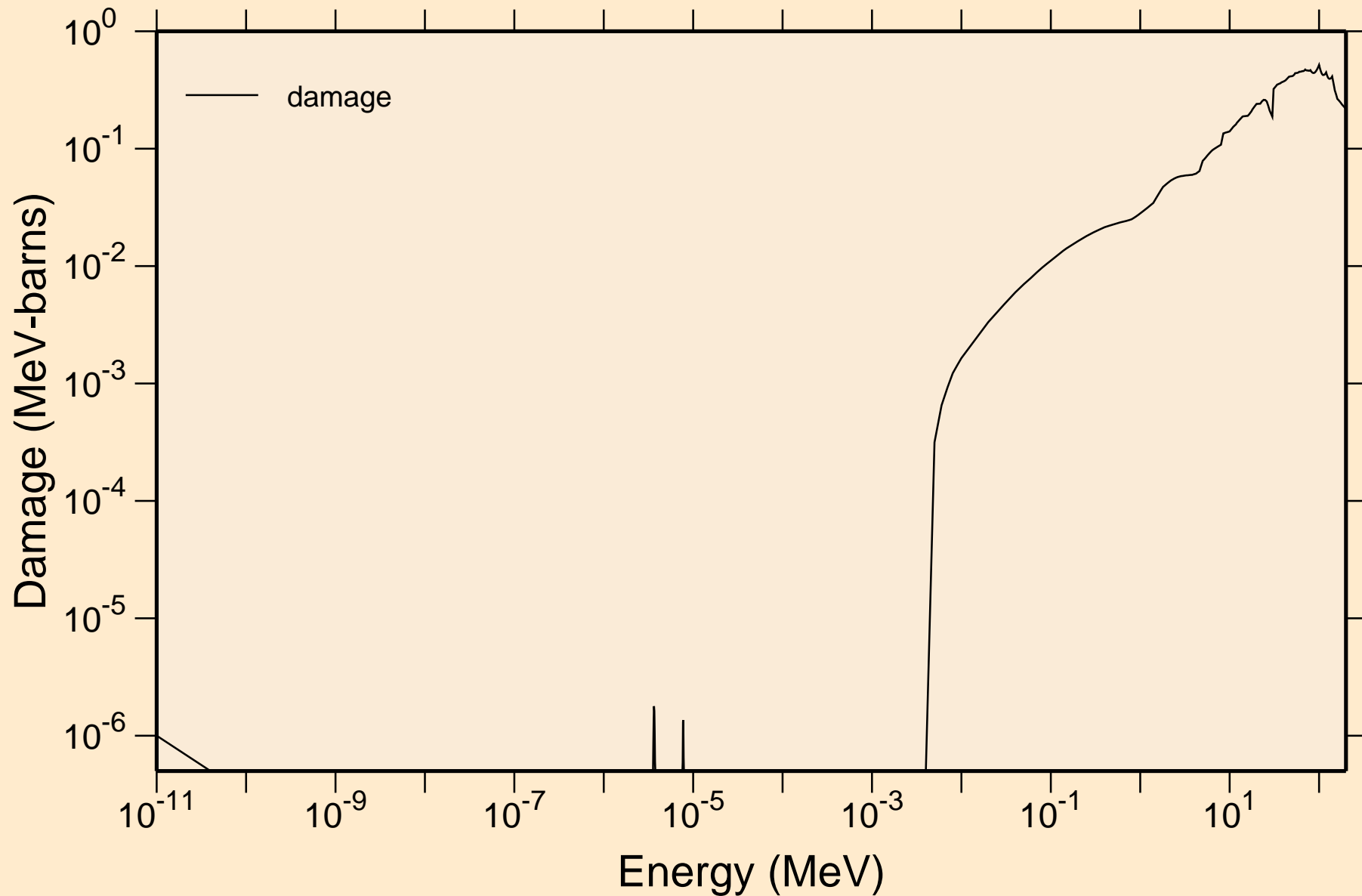
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resonance absorption cross sections



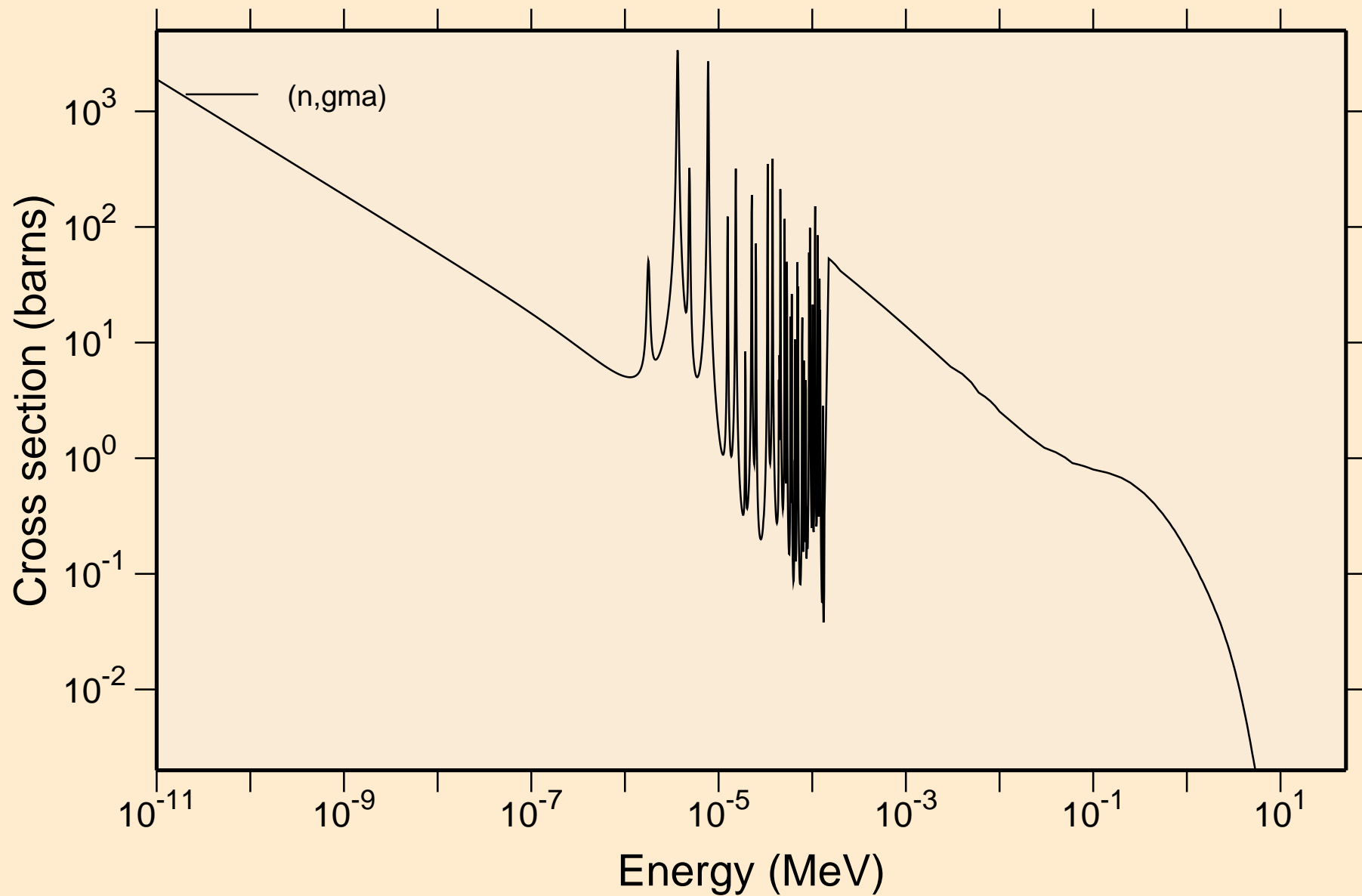
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



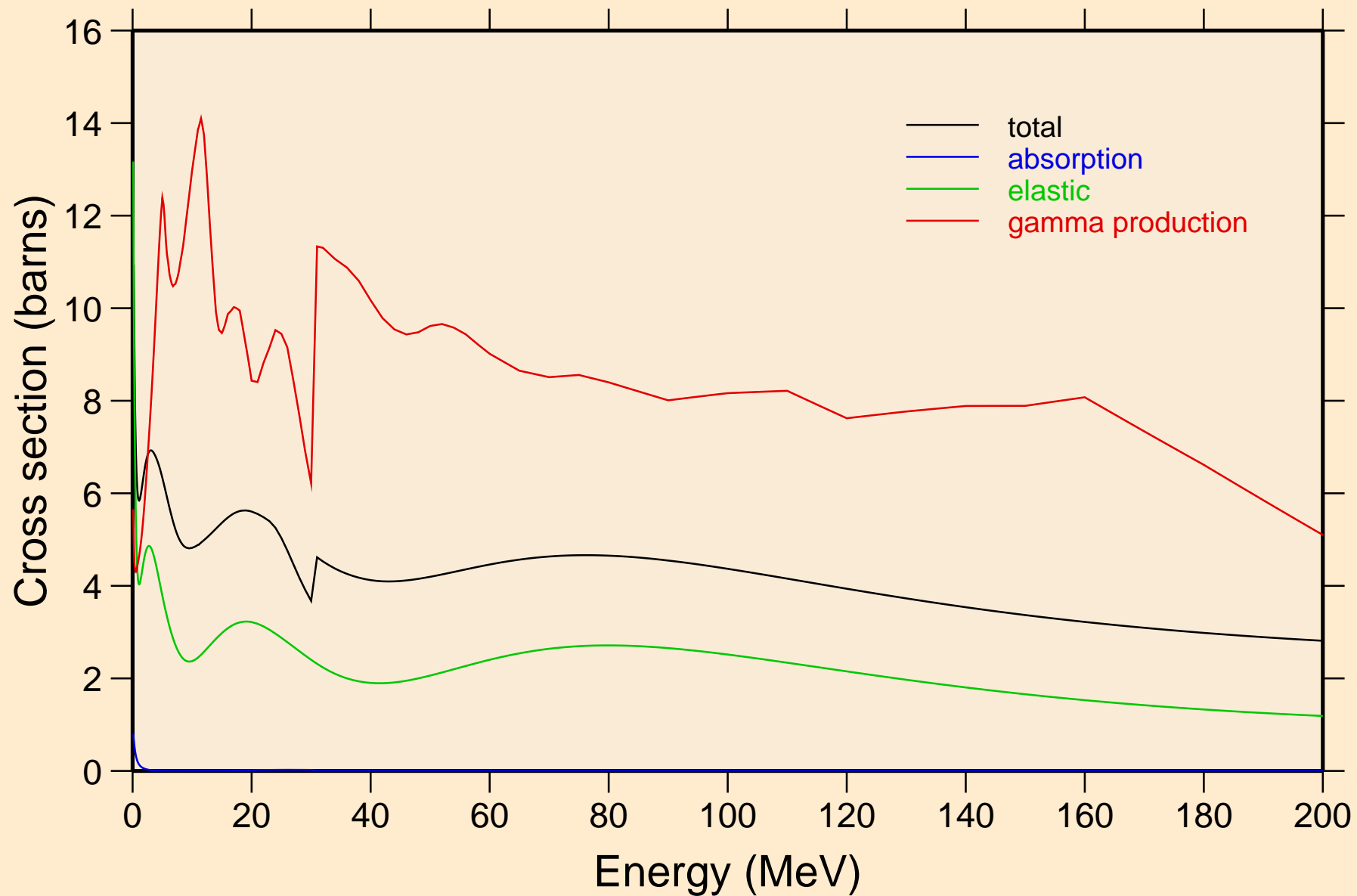
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Damage



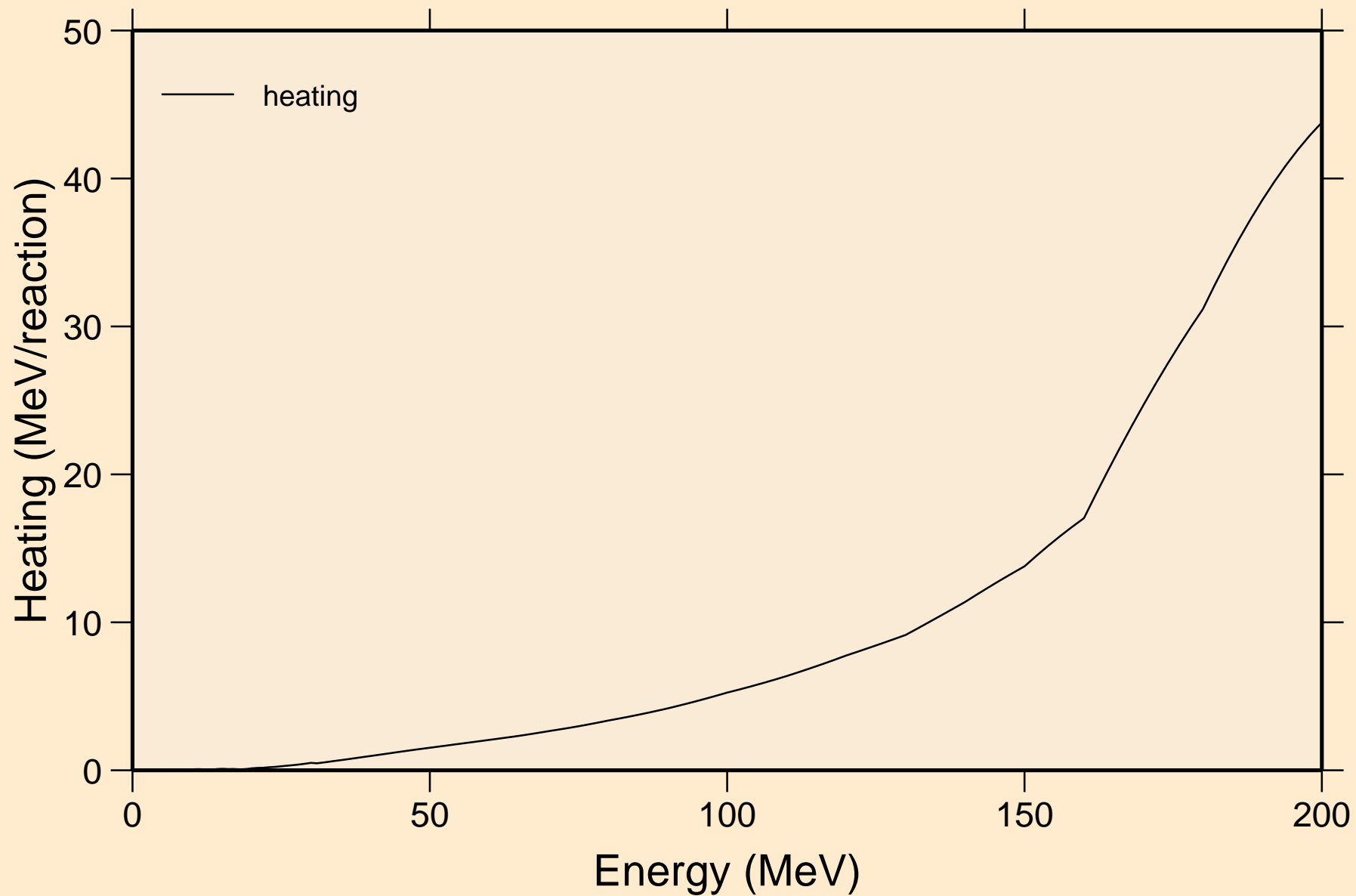
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



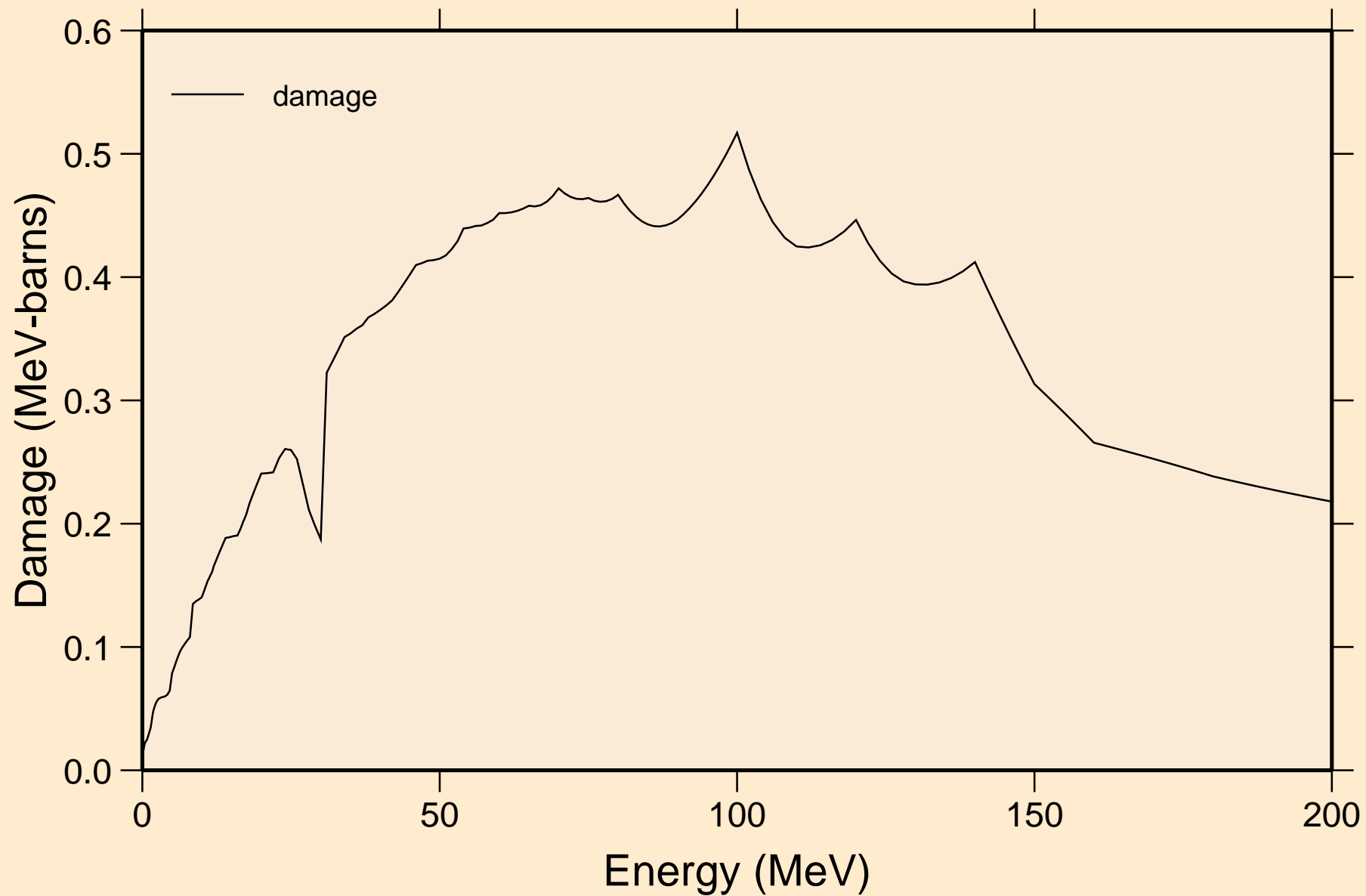
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Principal cross sections



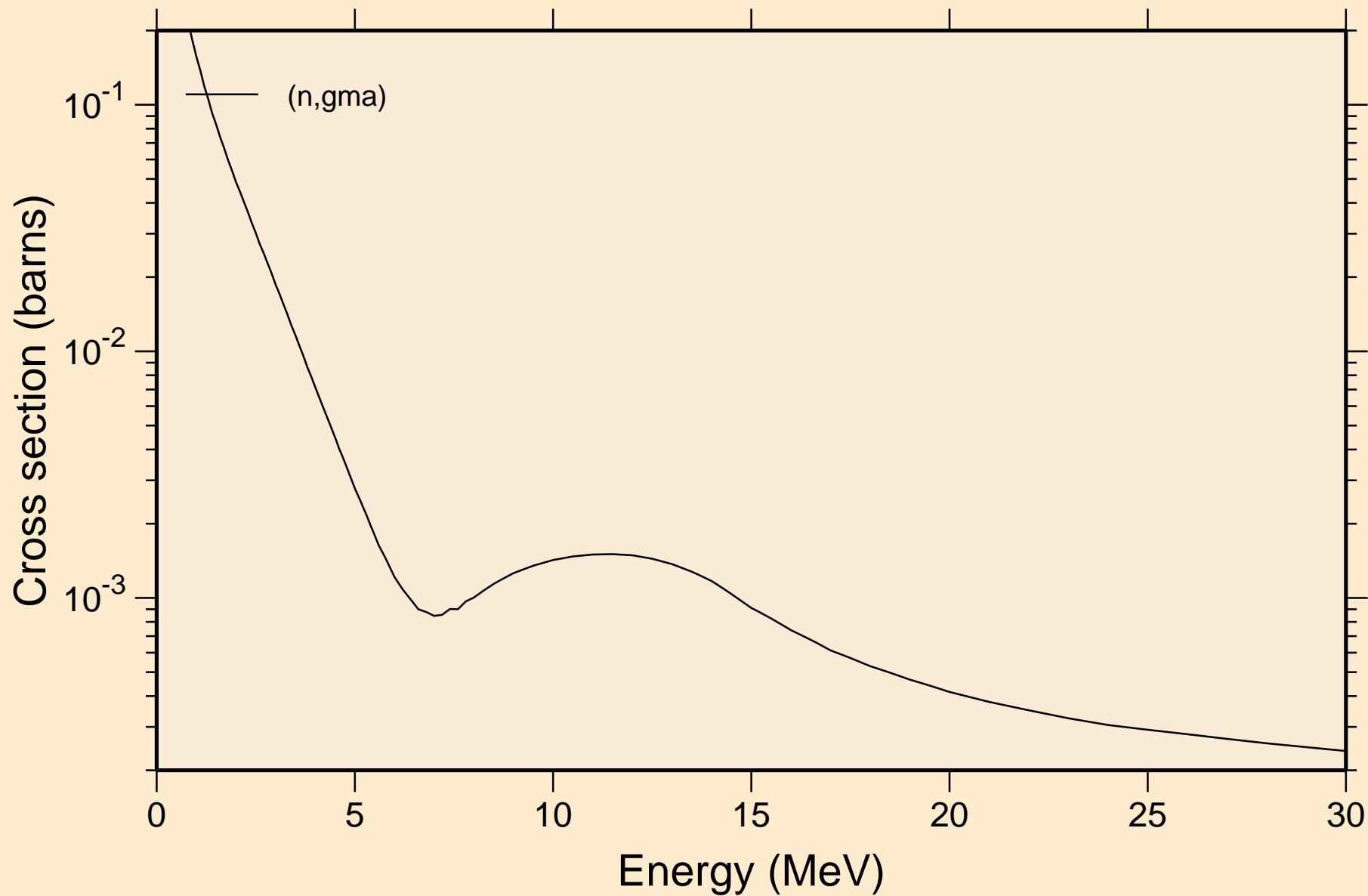
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



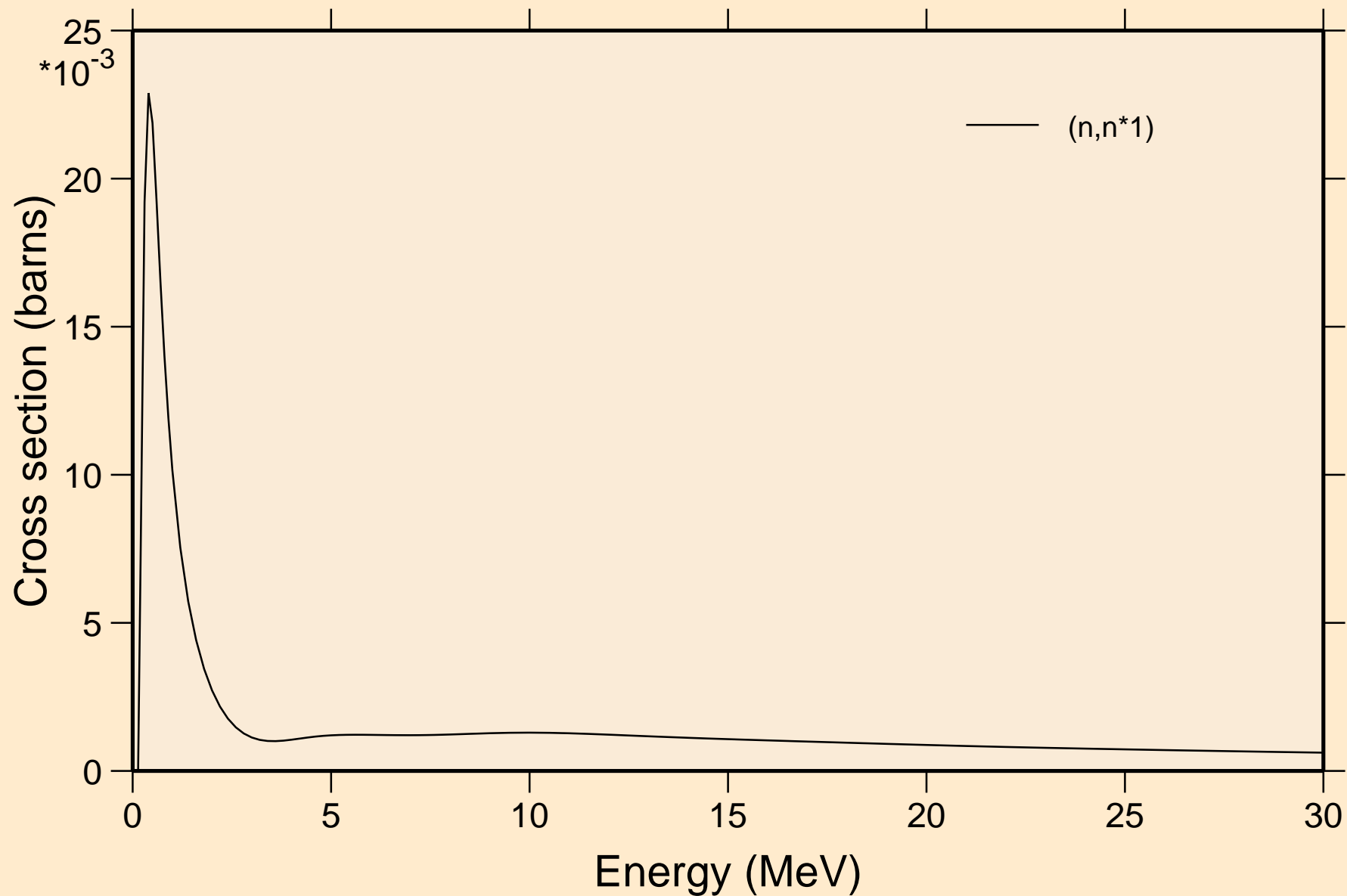
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Damage



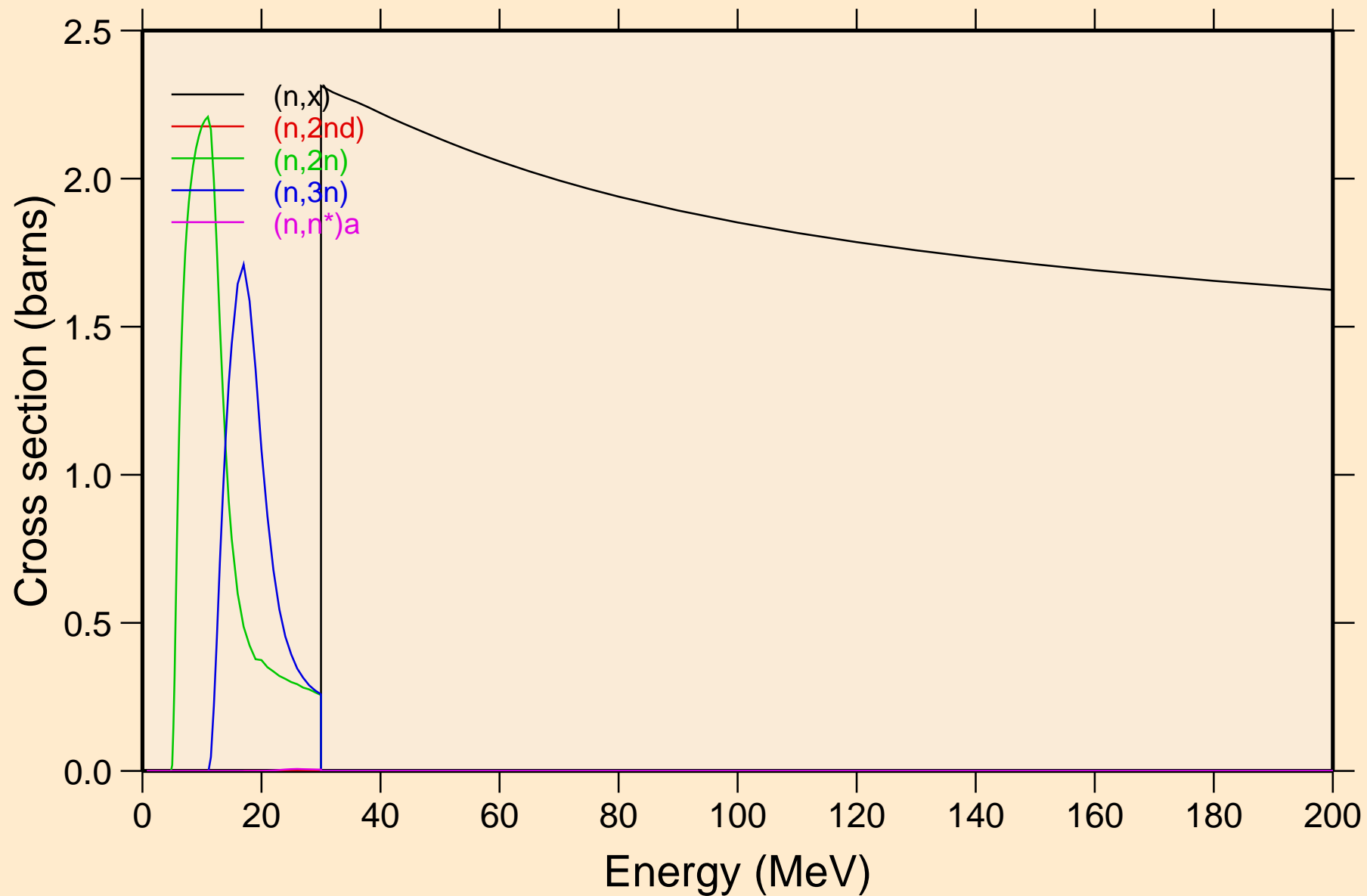
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



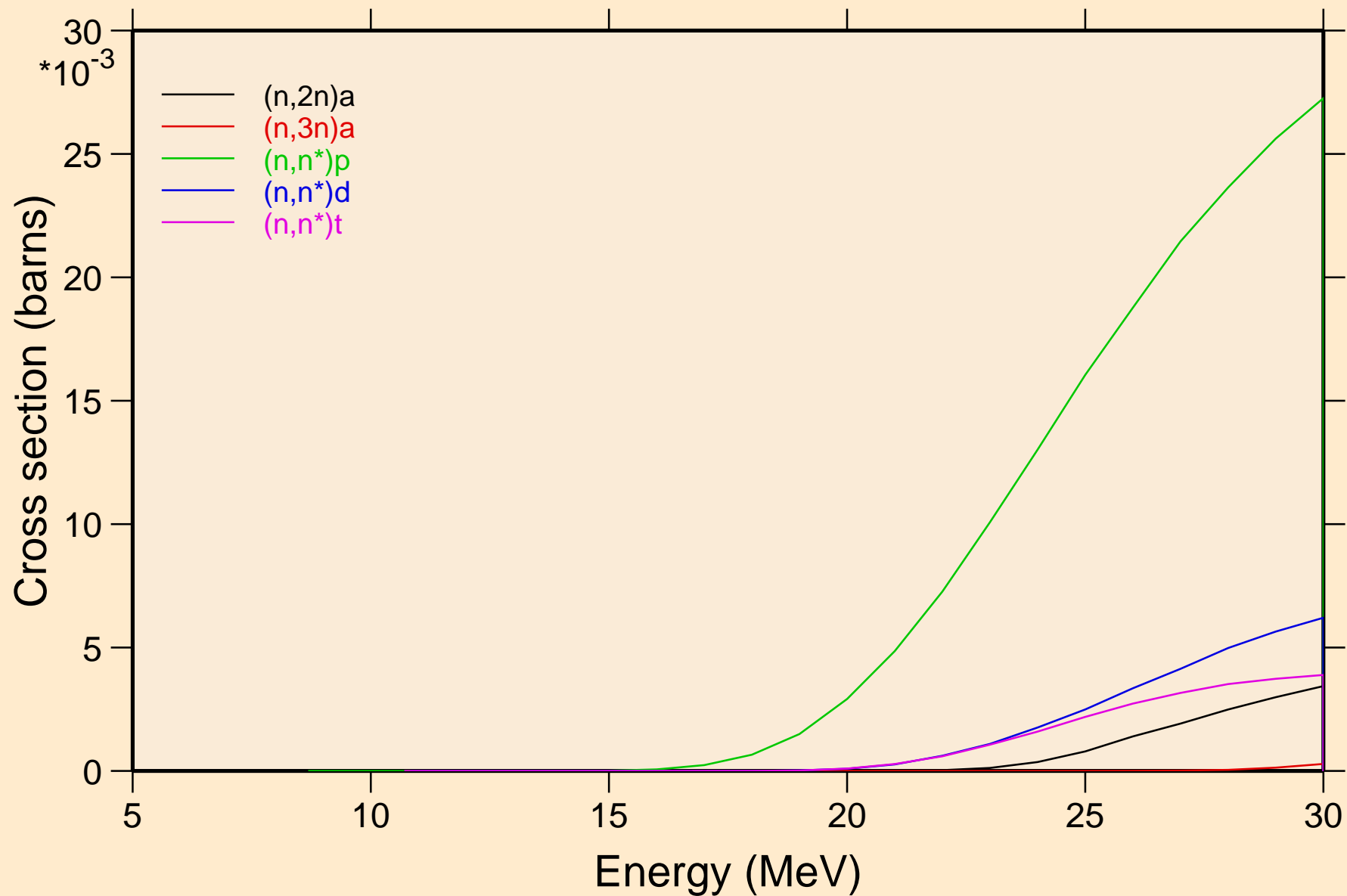
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



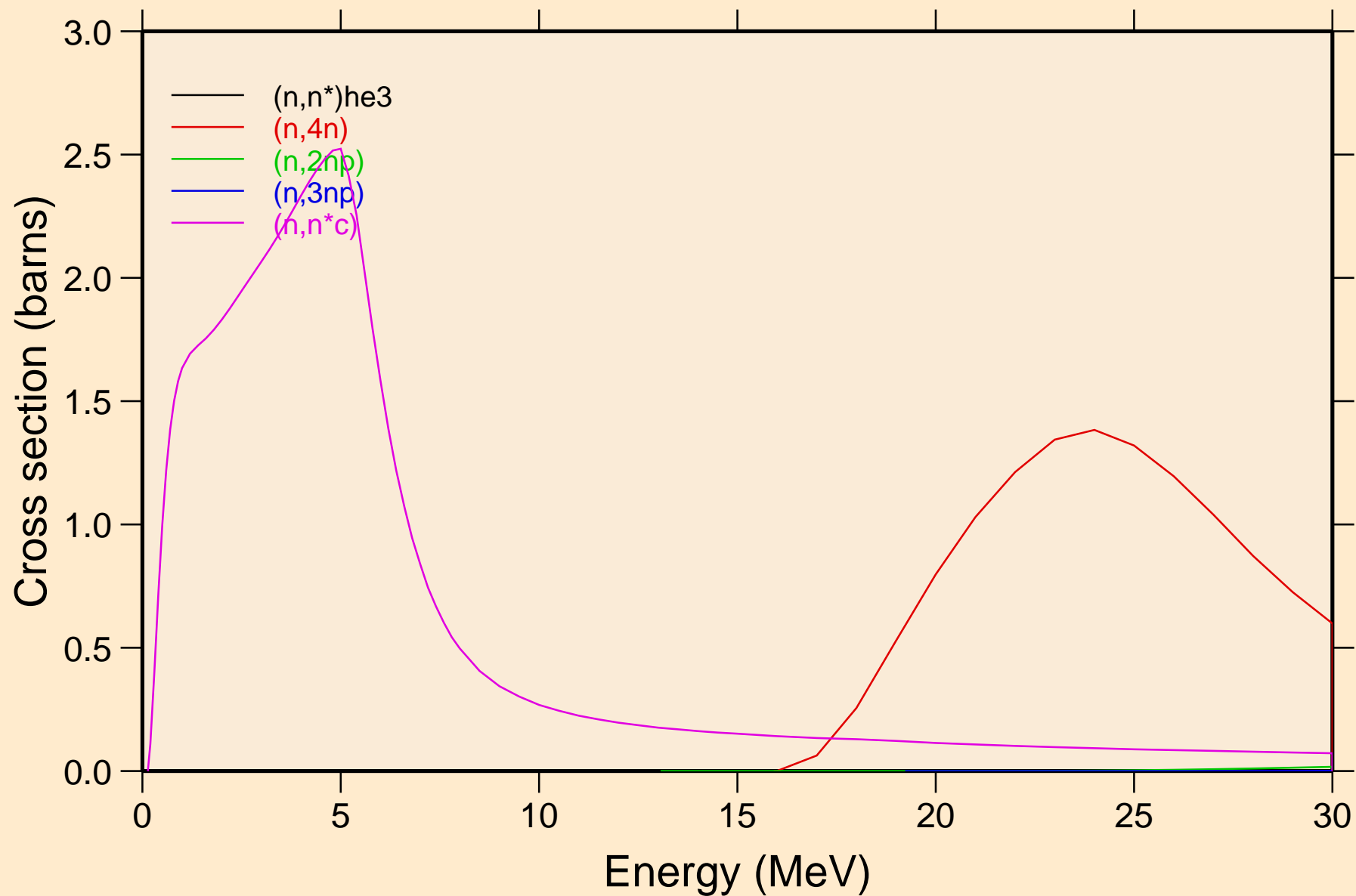
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



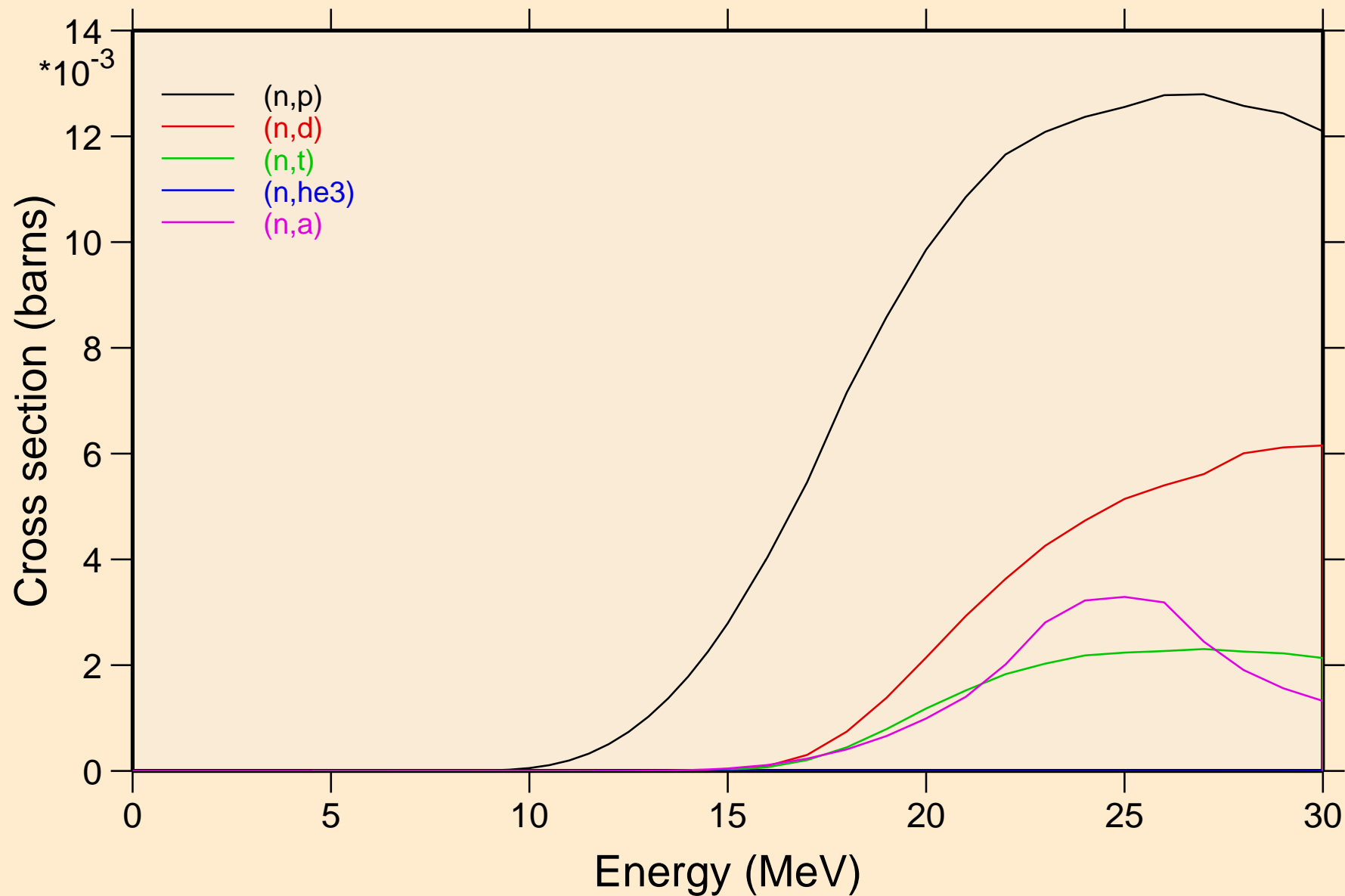
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



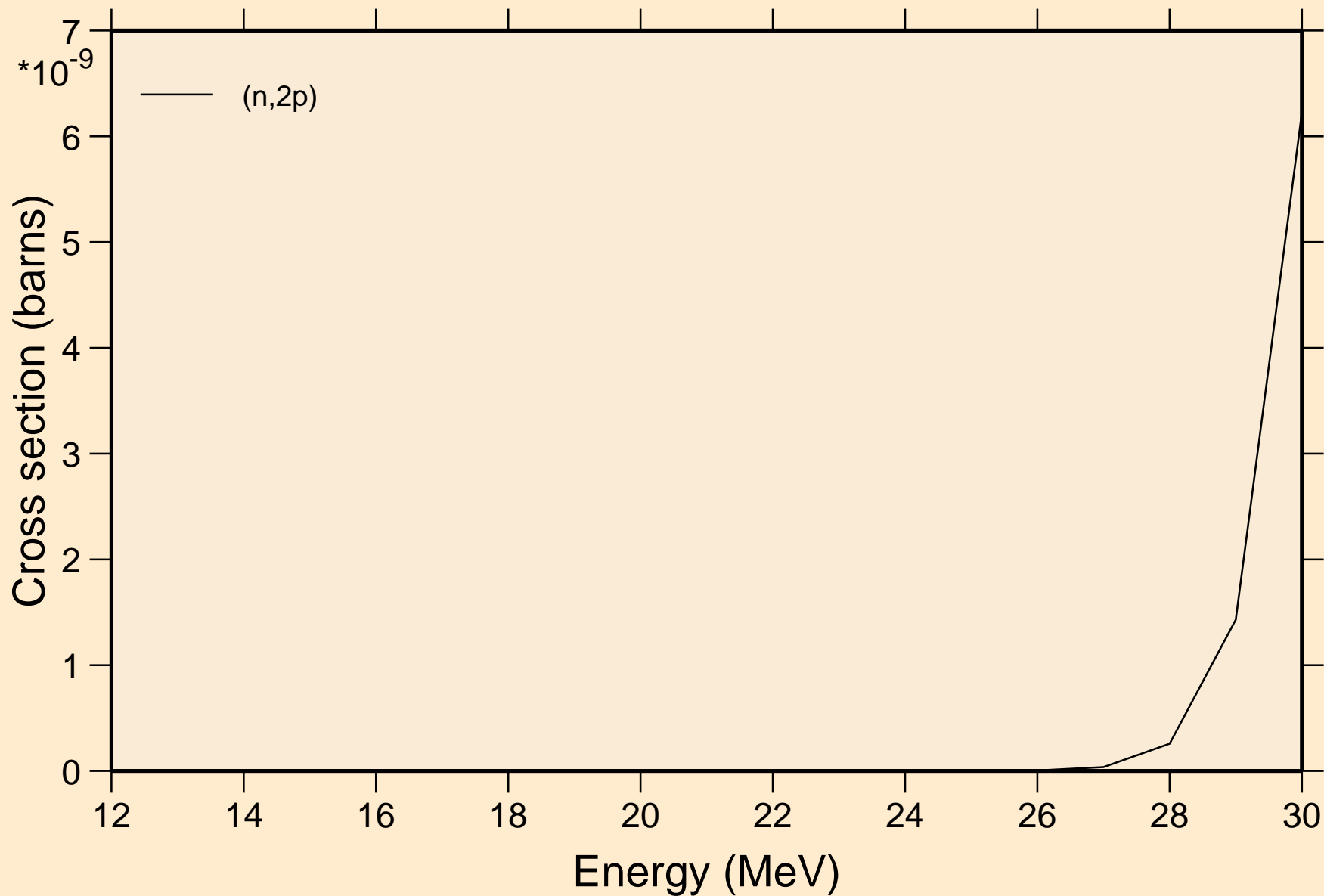
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



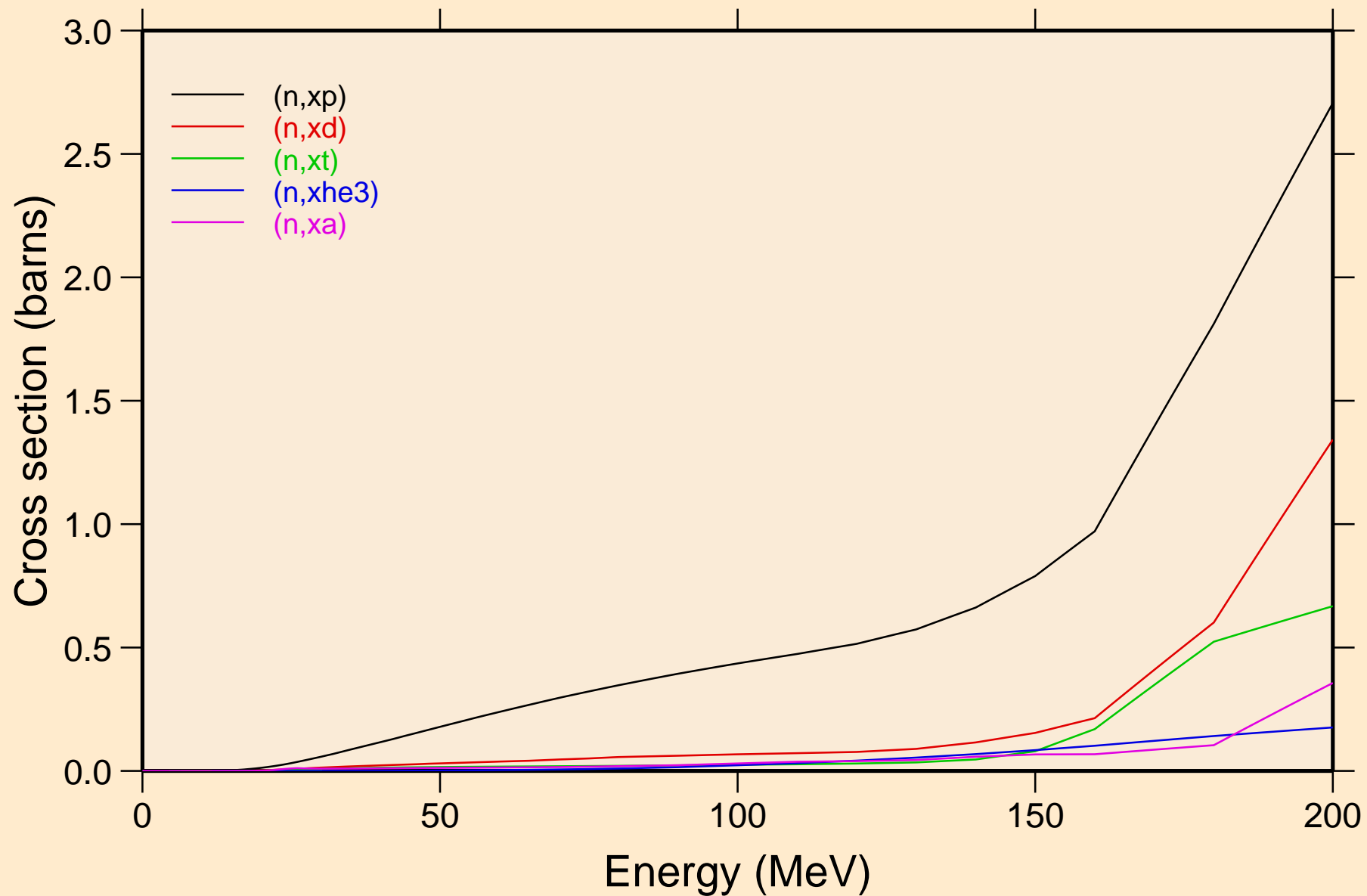
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



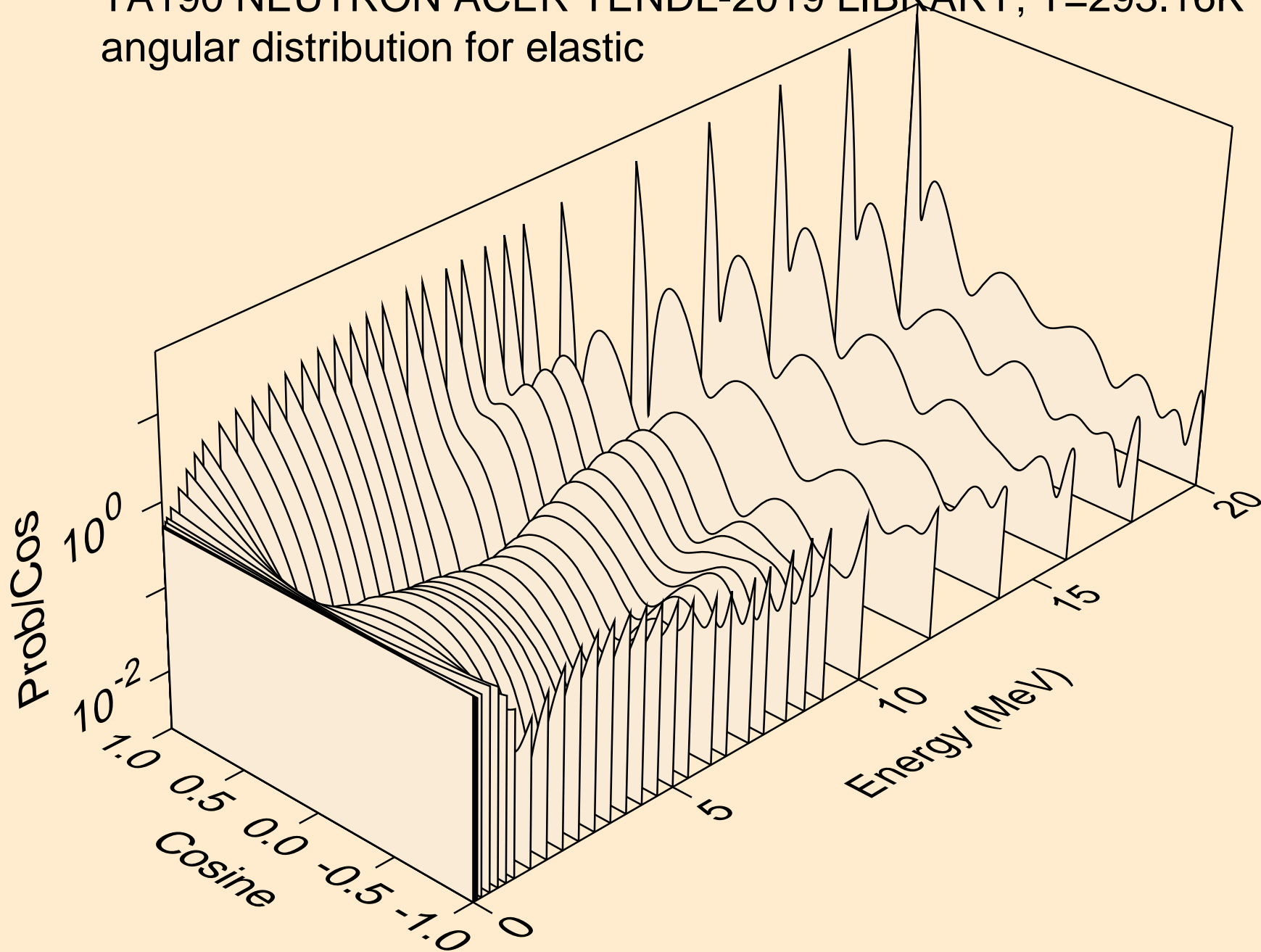
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



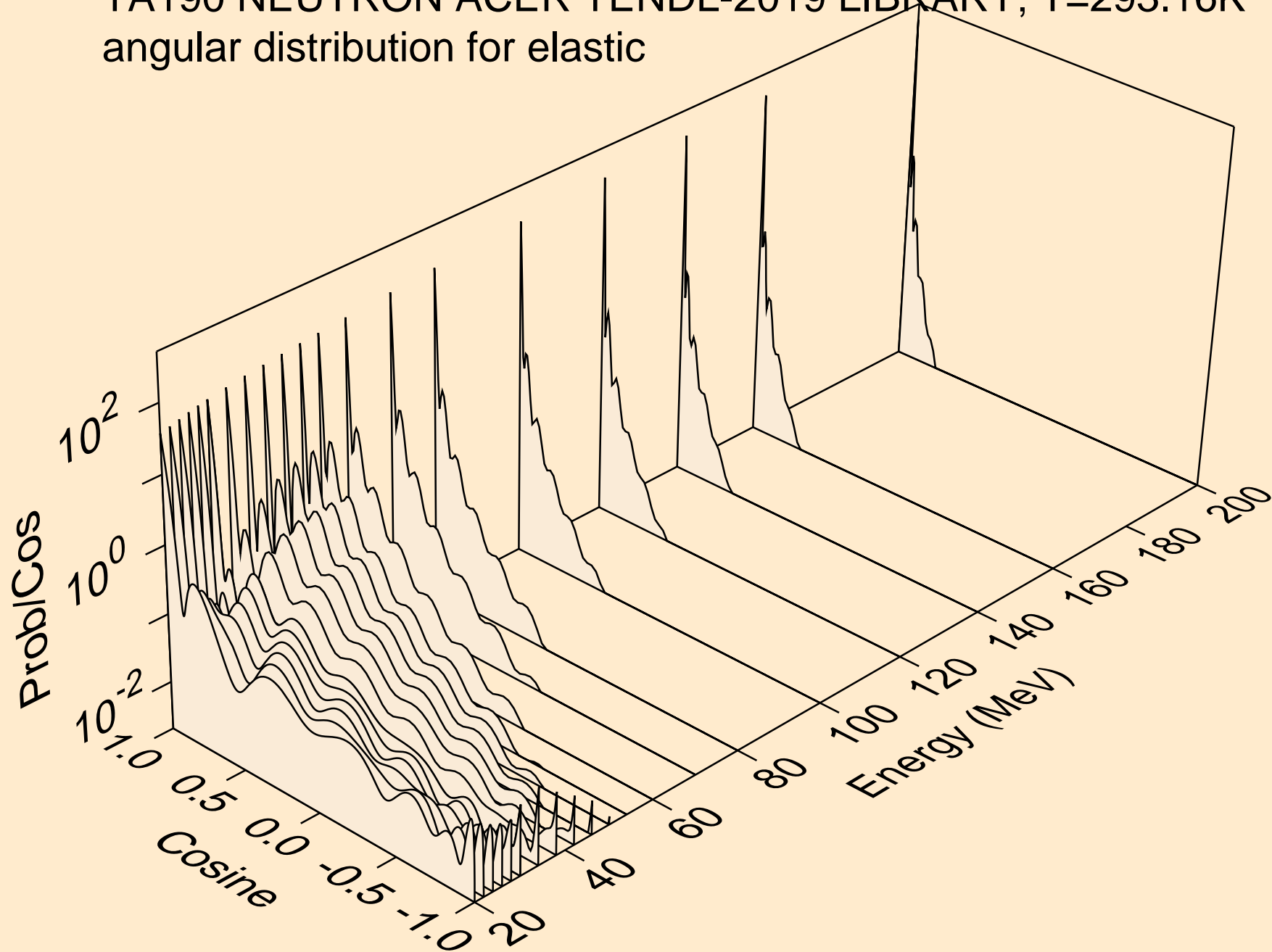
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



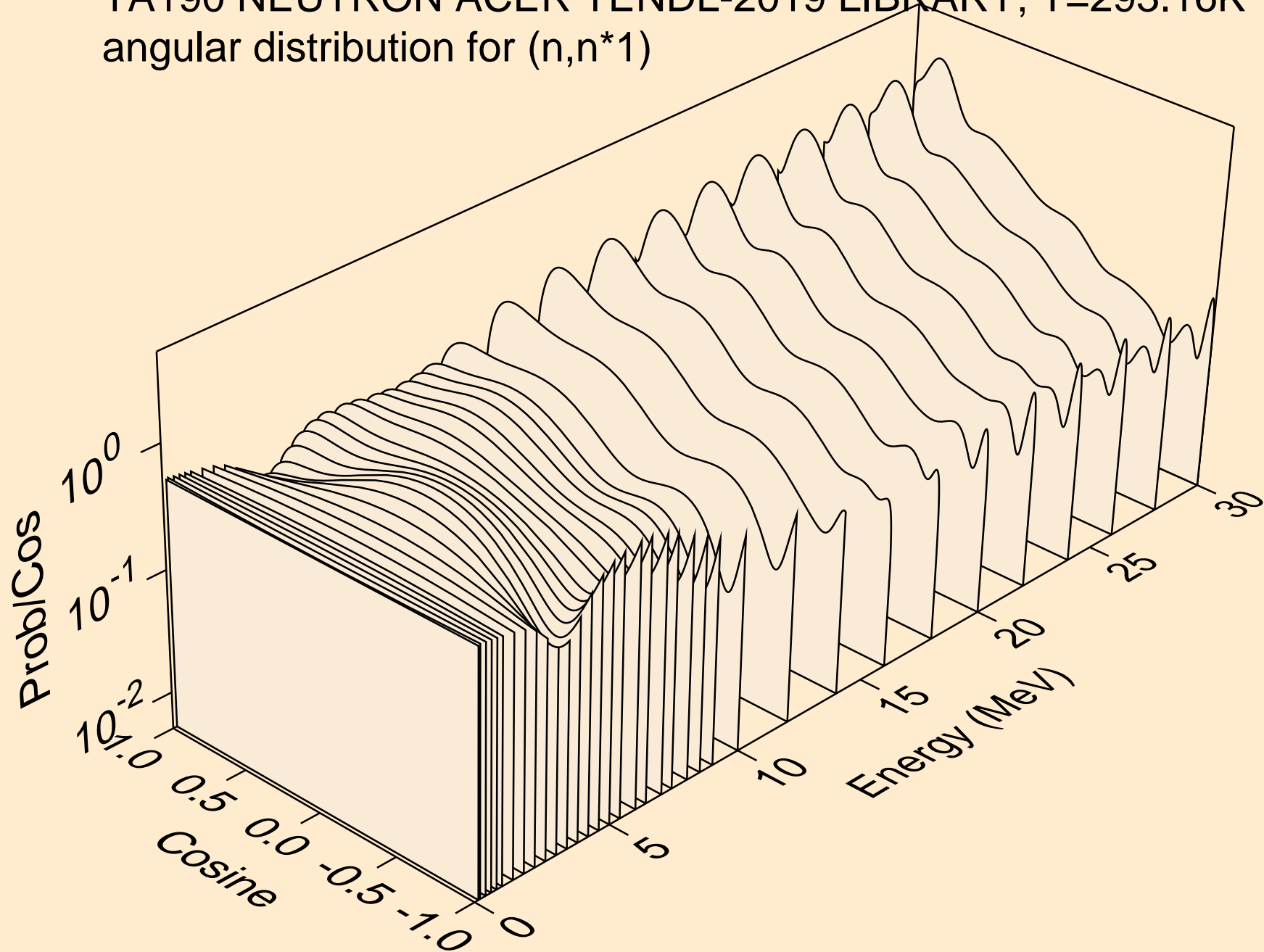
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



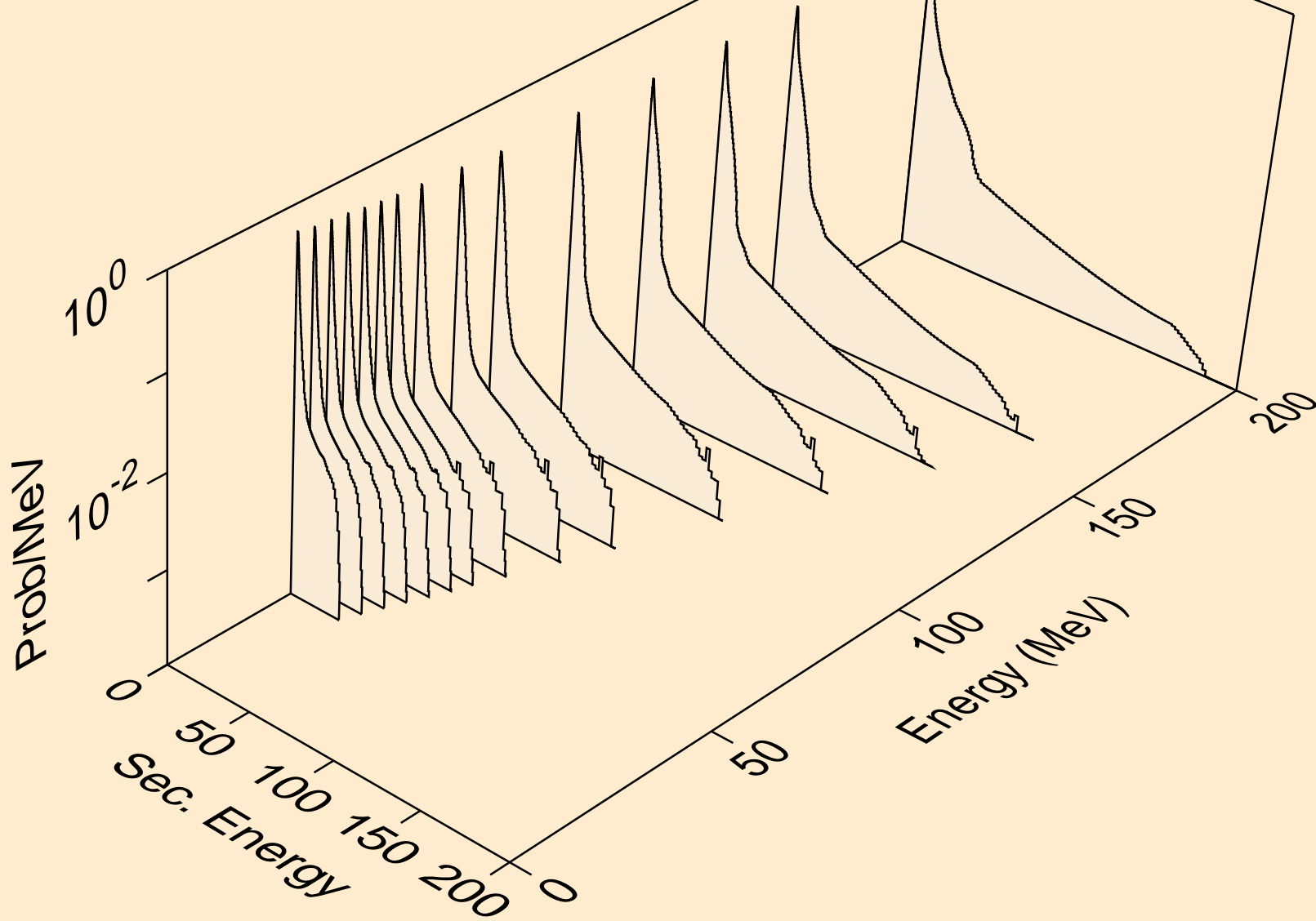
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



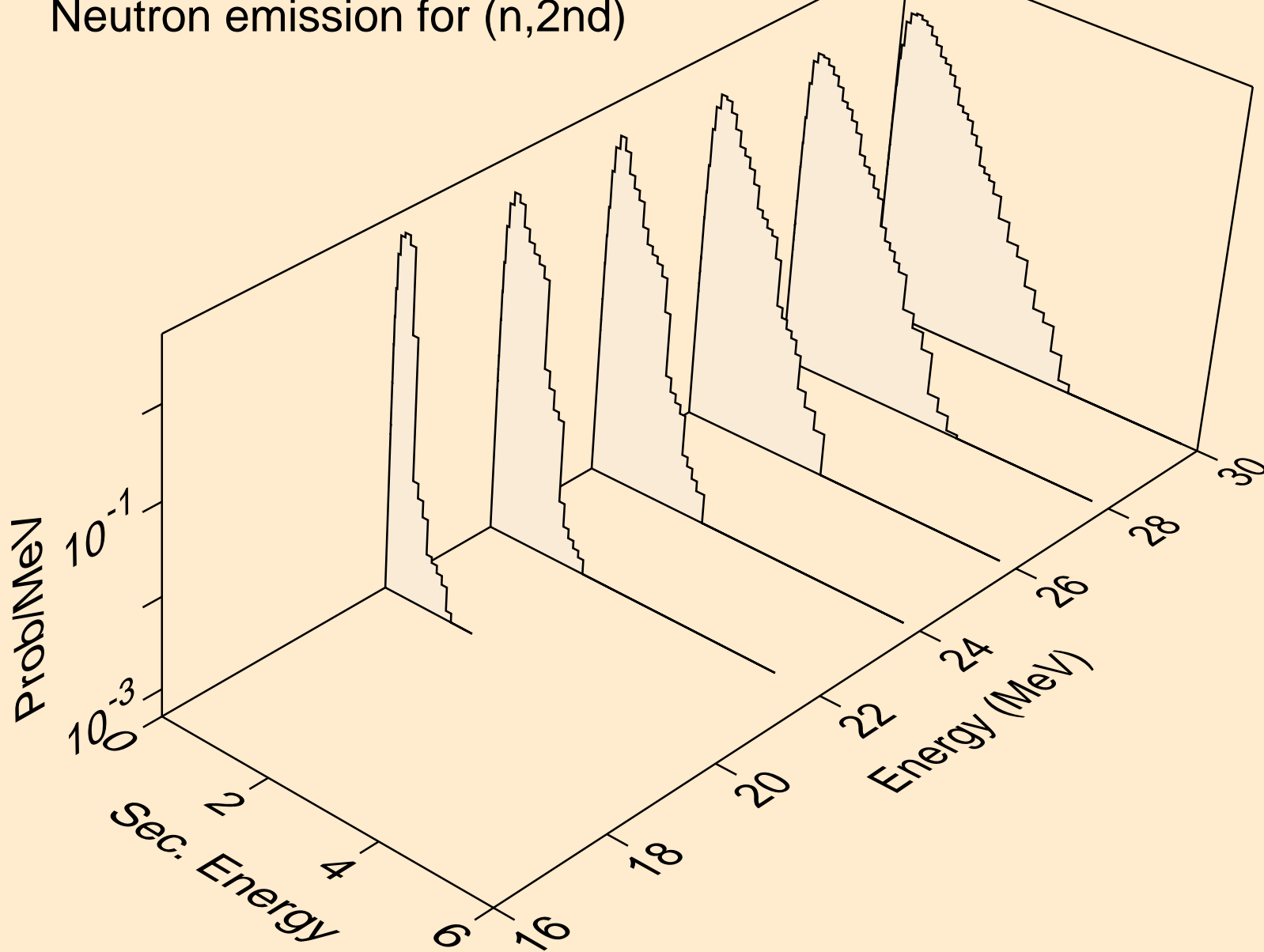
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



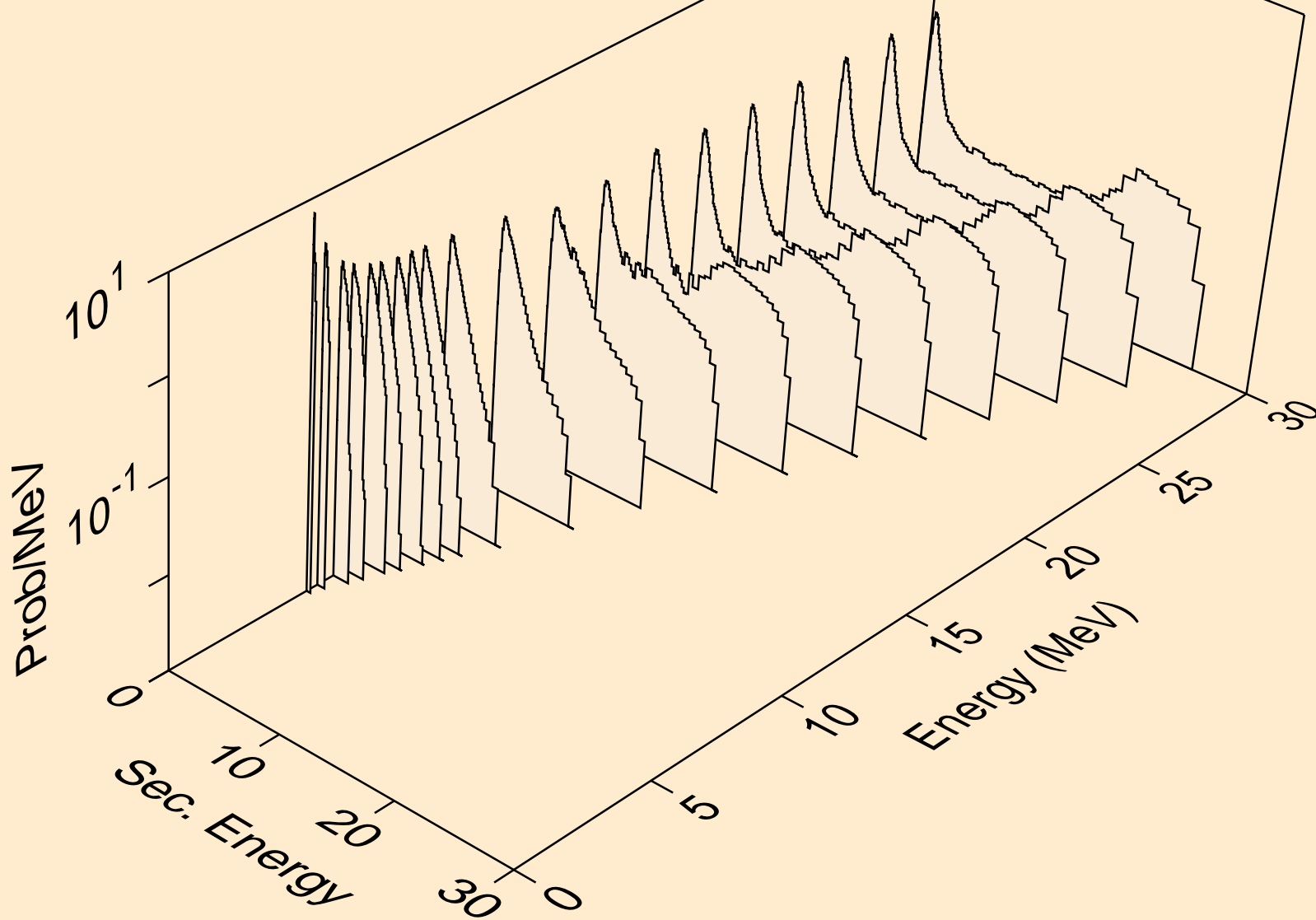
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



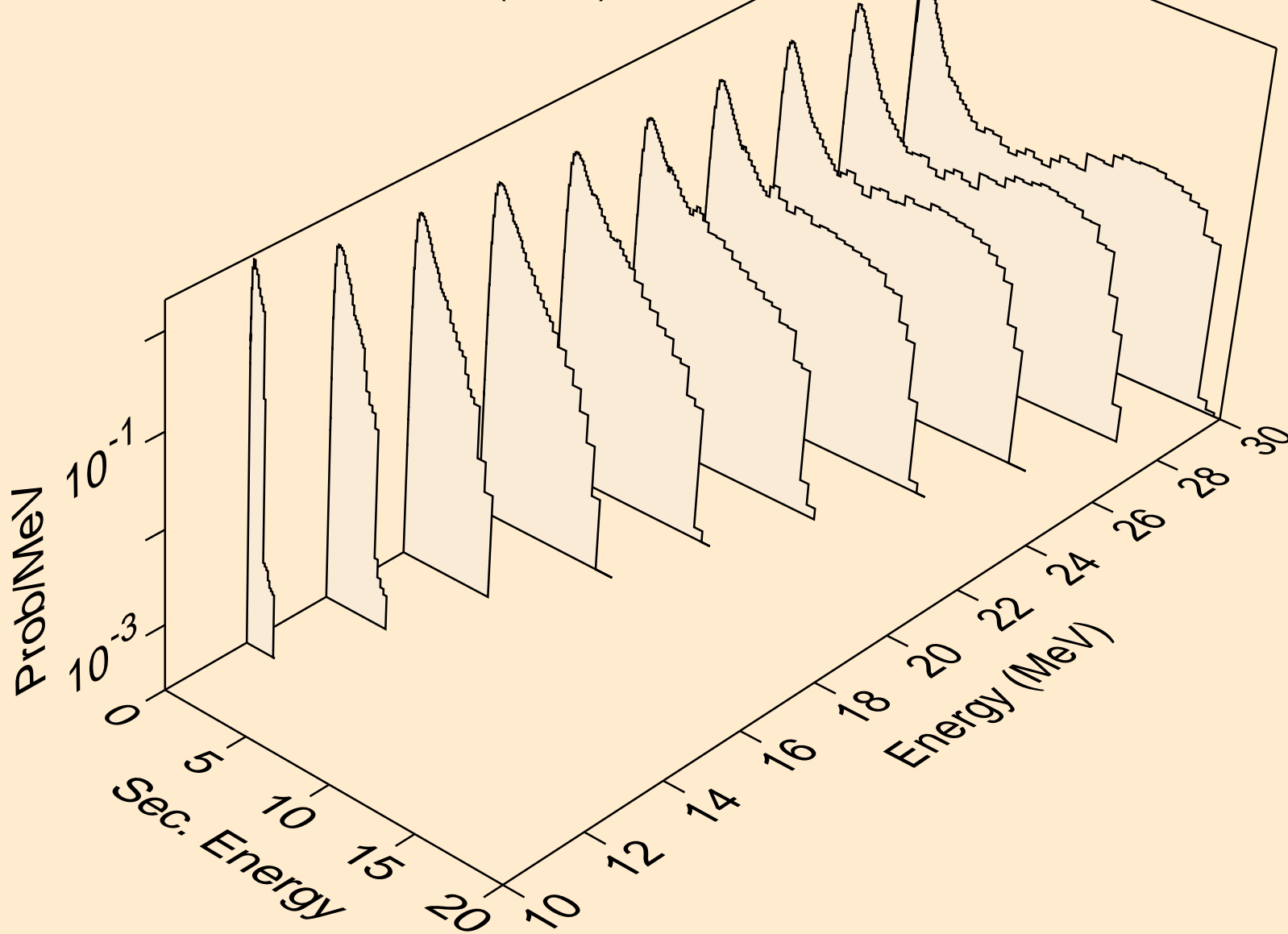
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



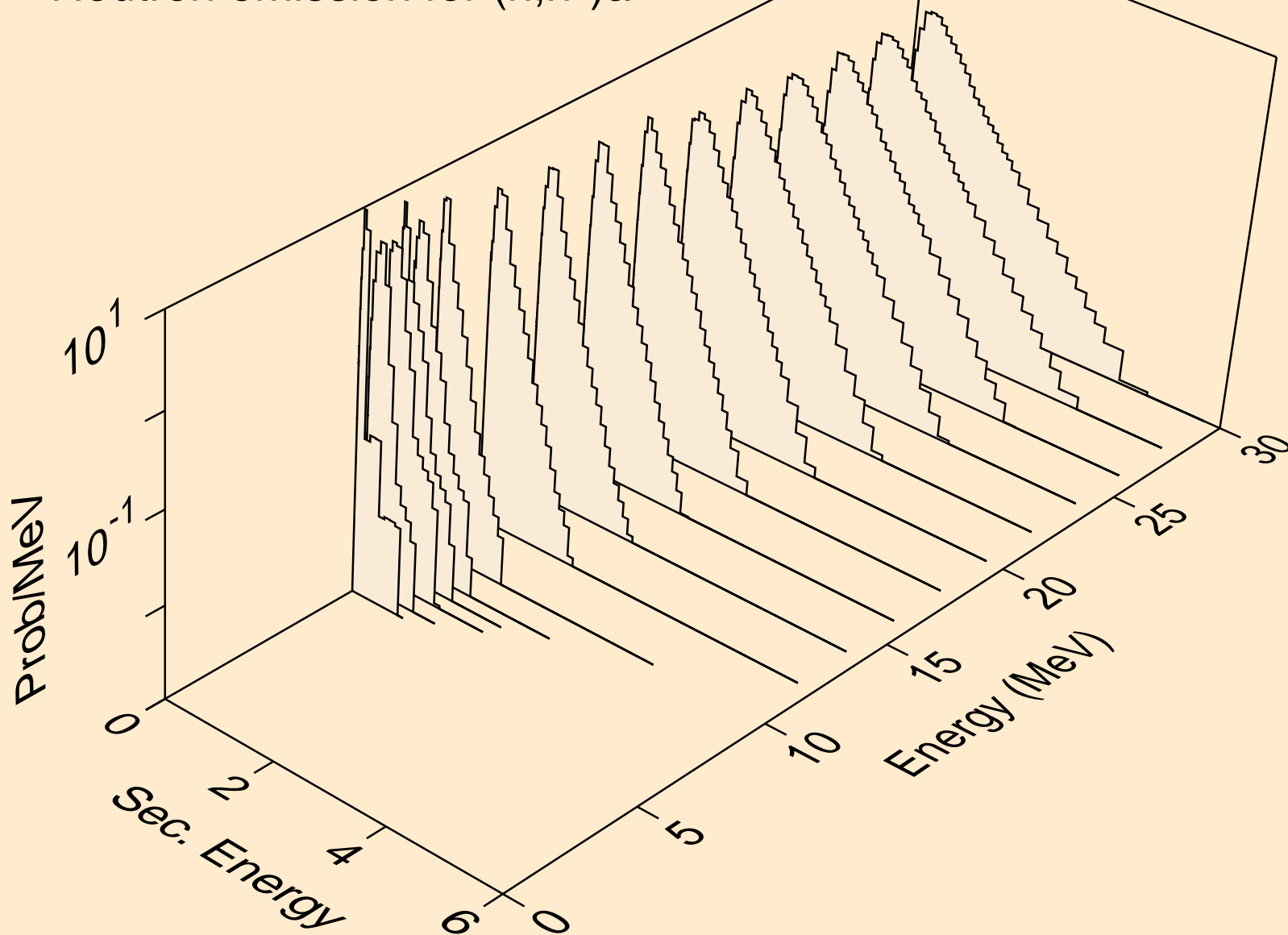
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



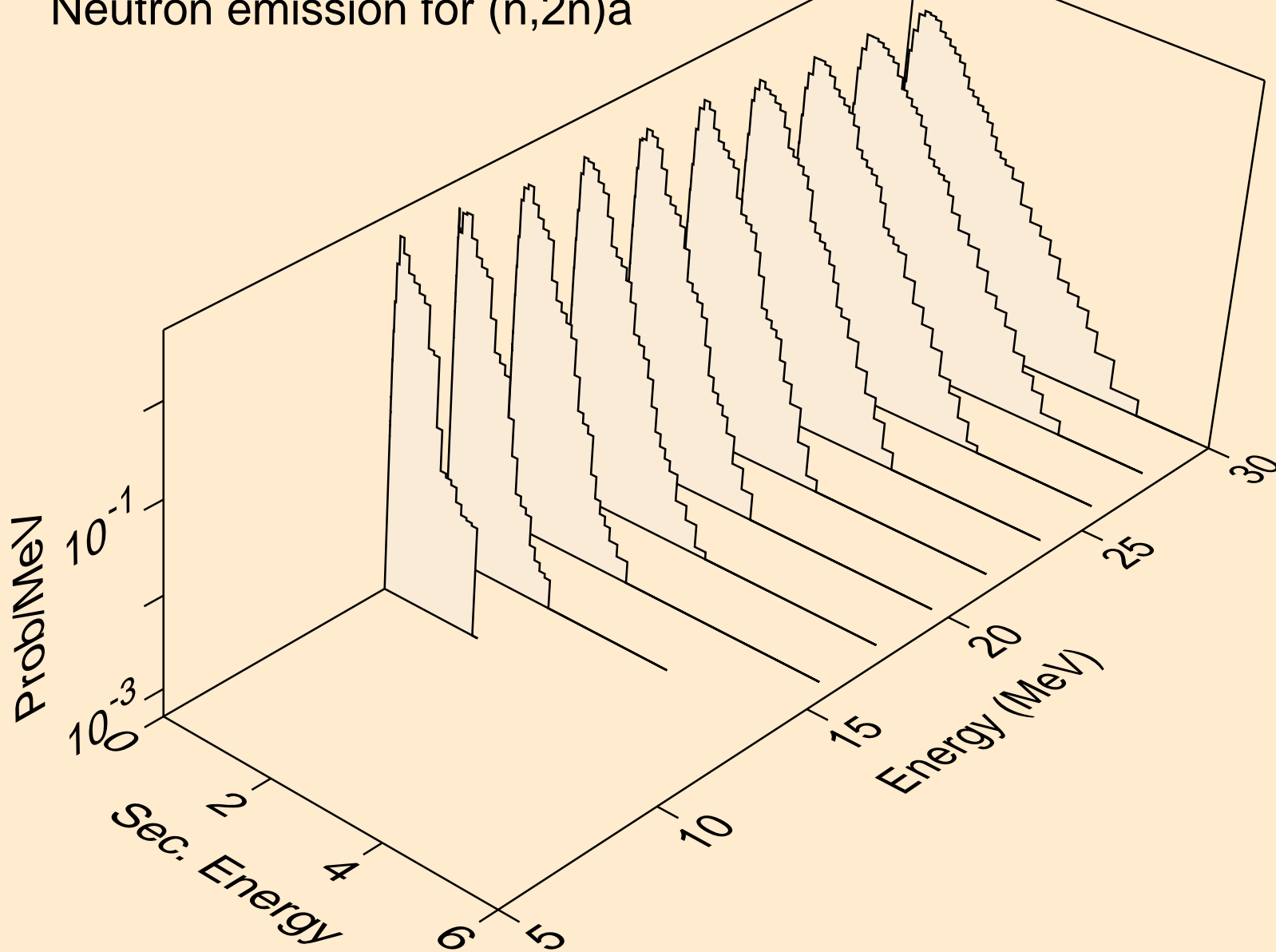
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



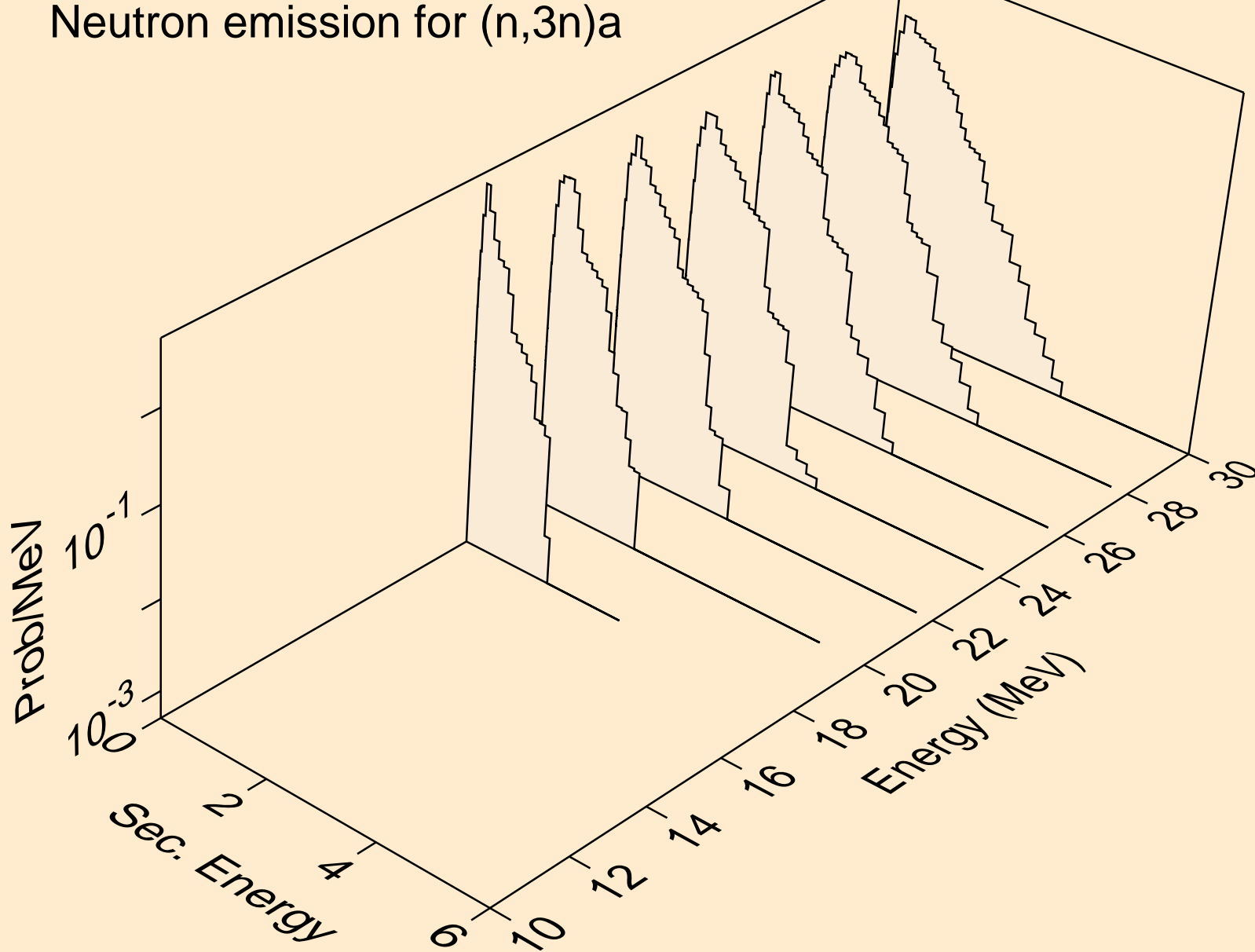
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



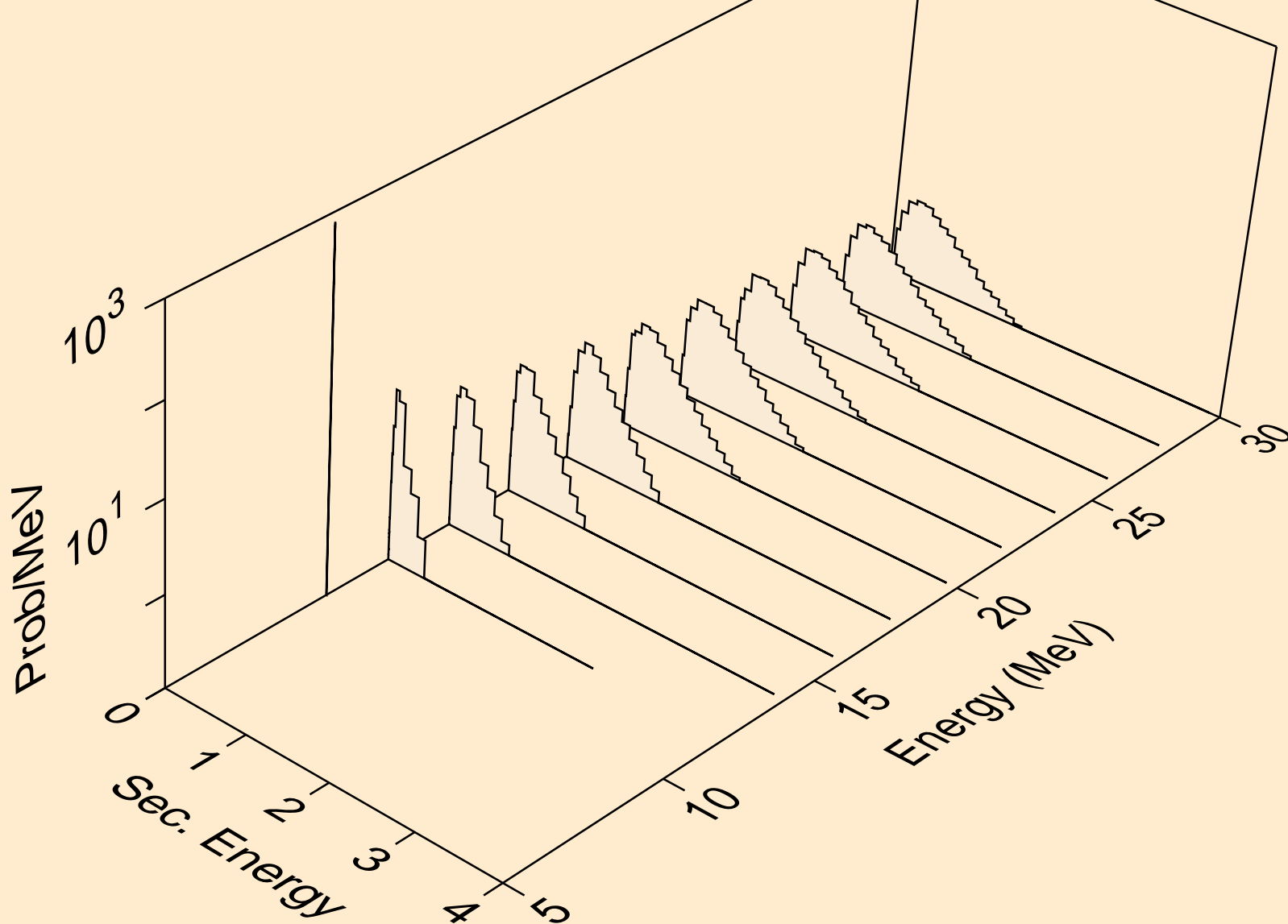
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



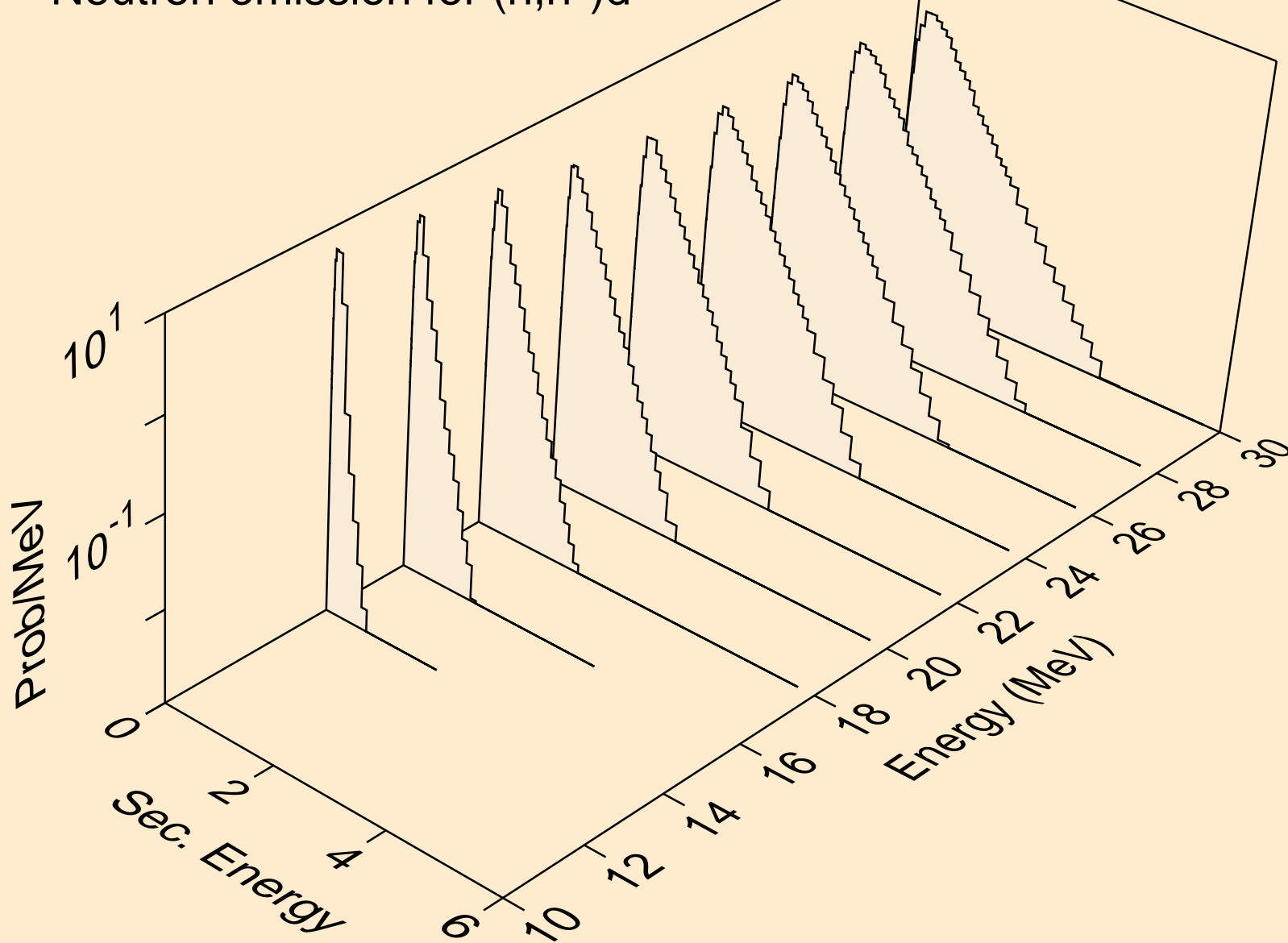
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



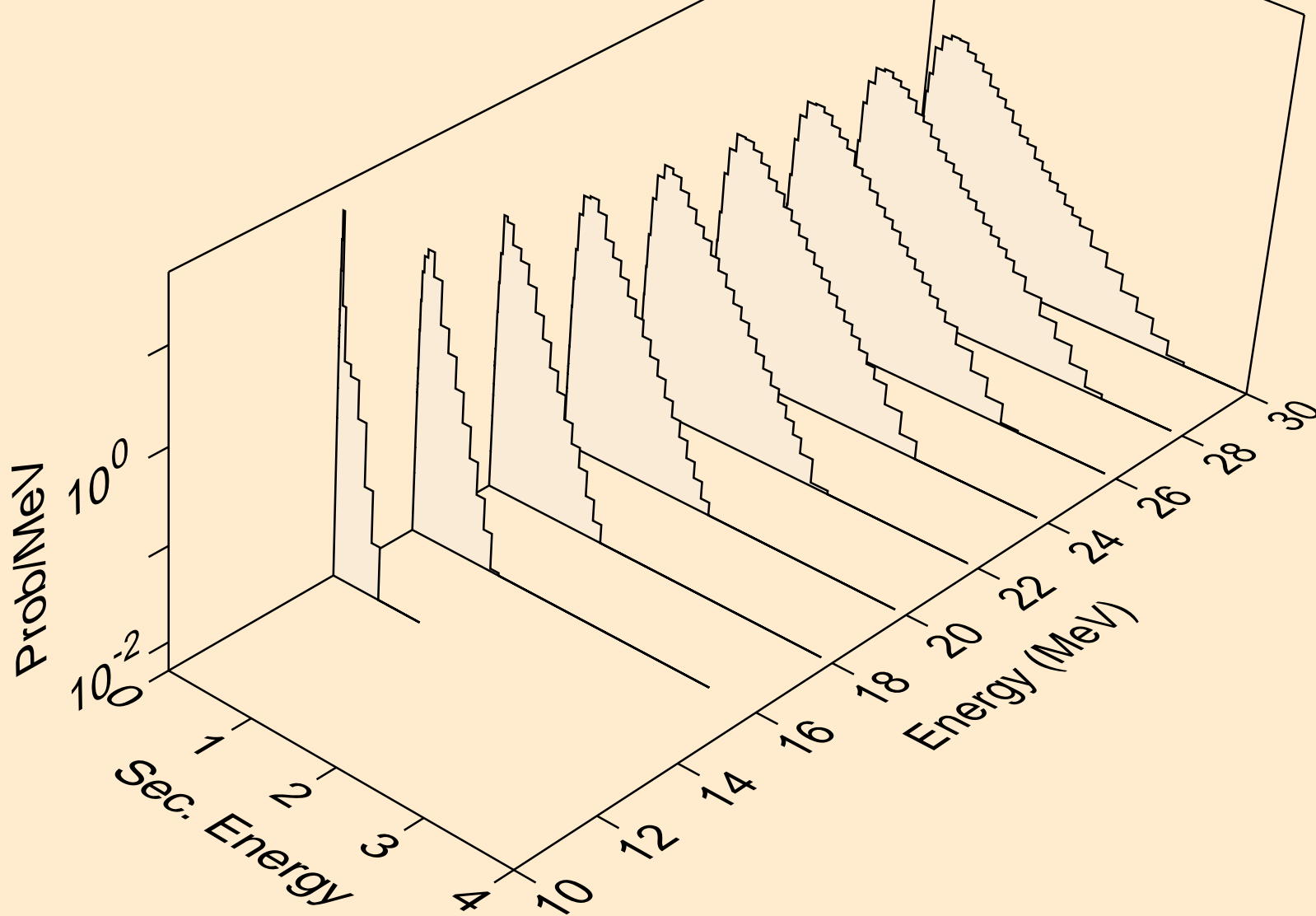
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



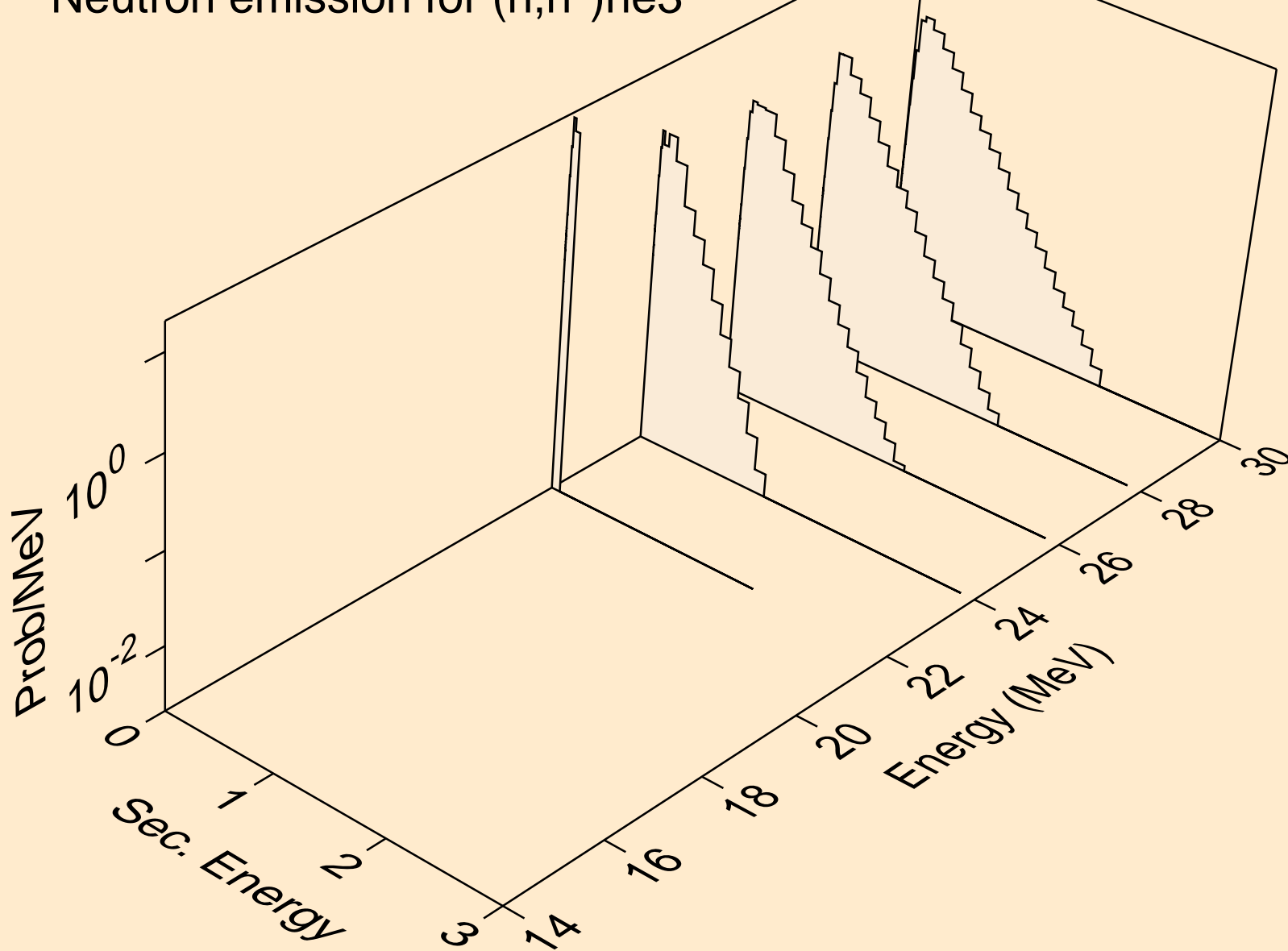
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



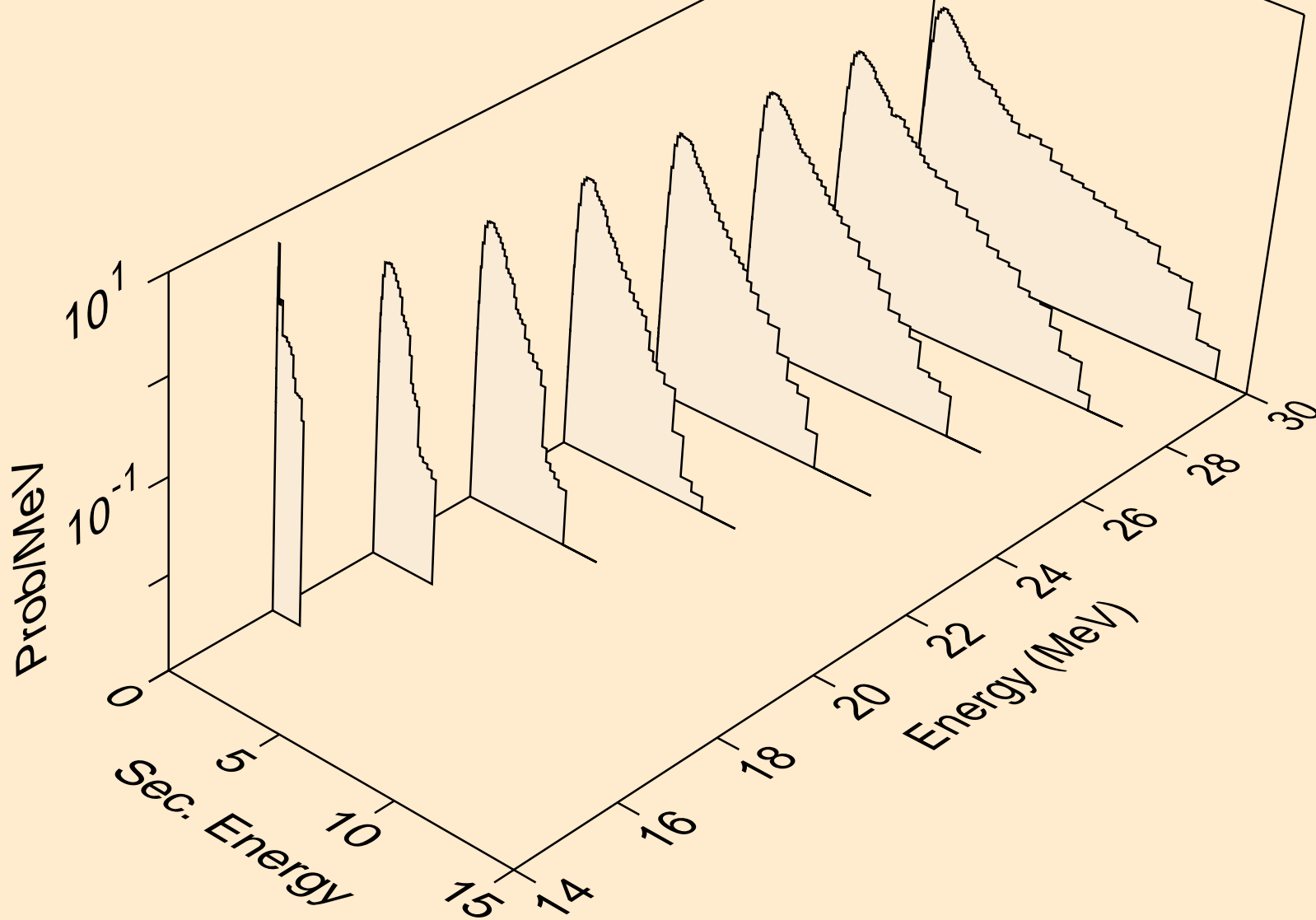
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



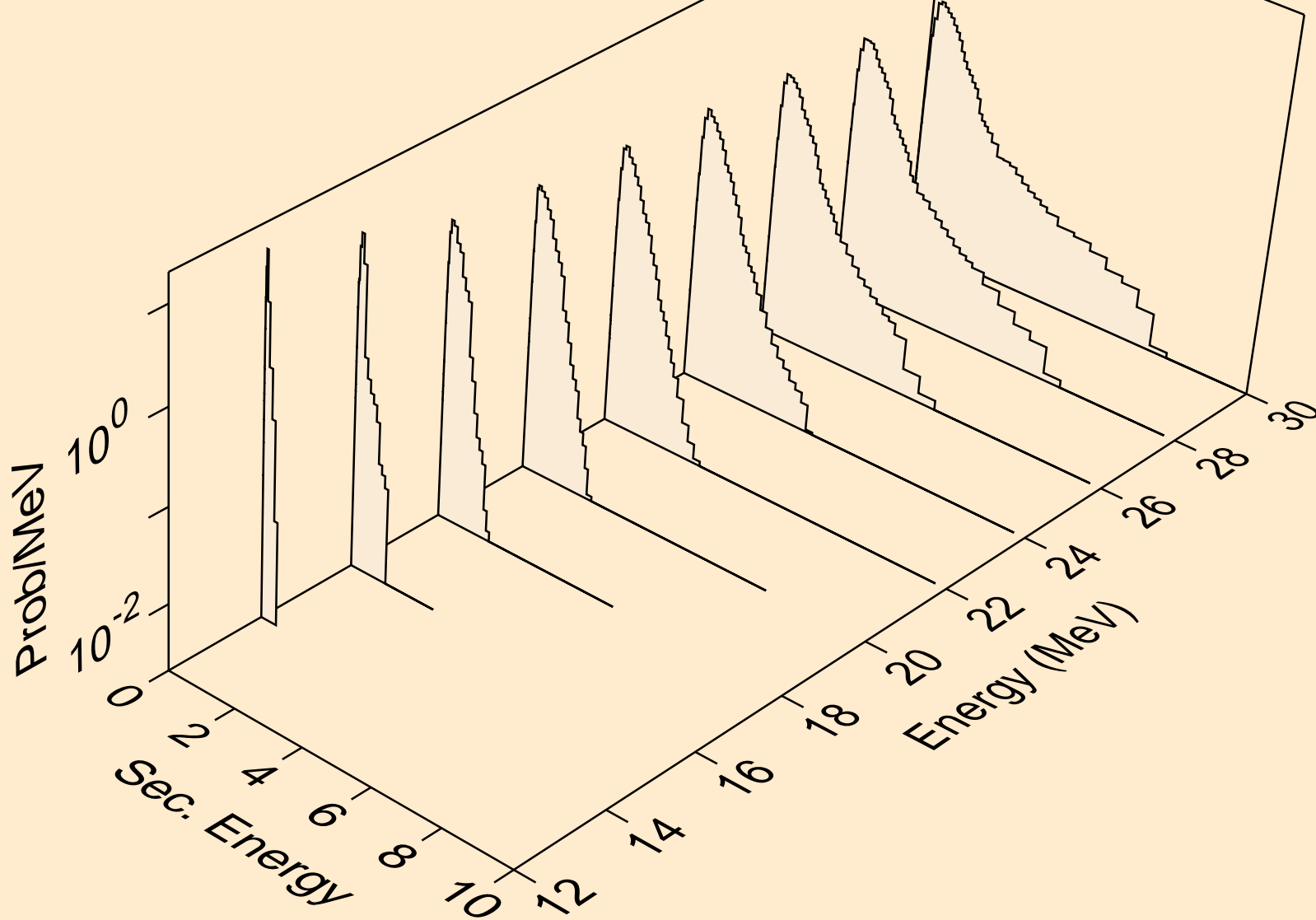
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



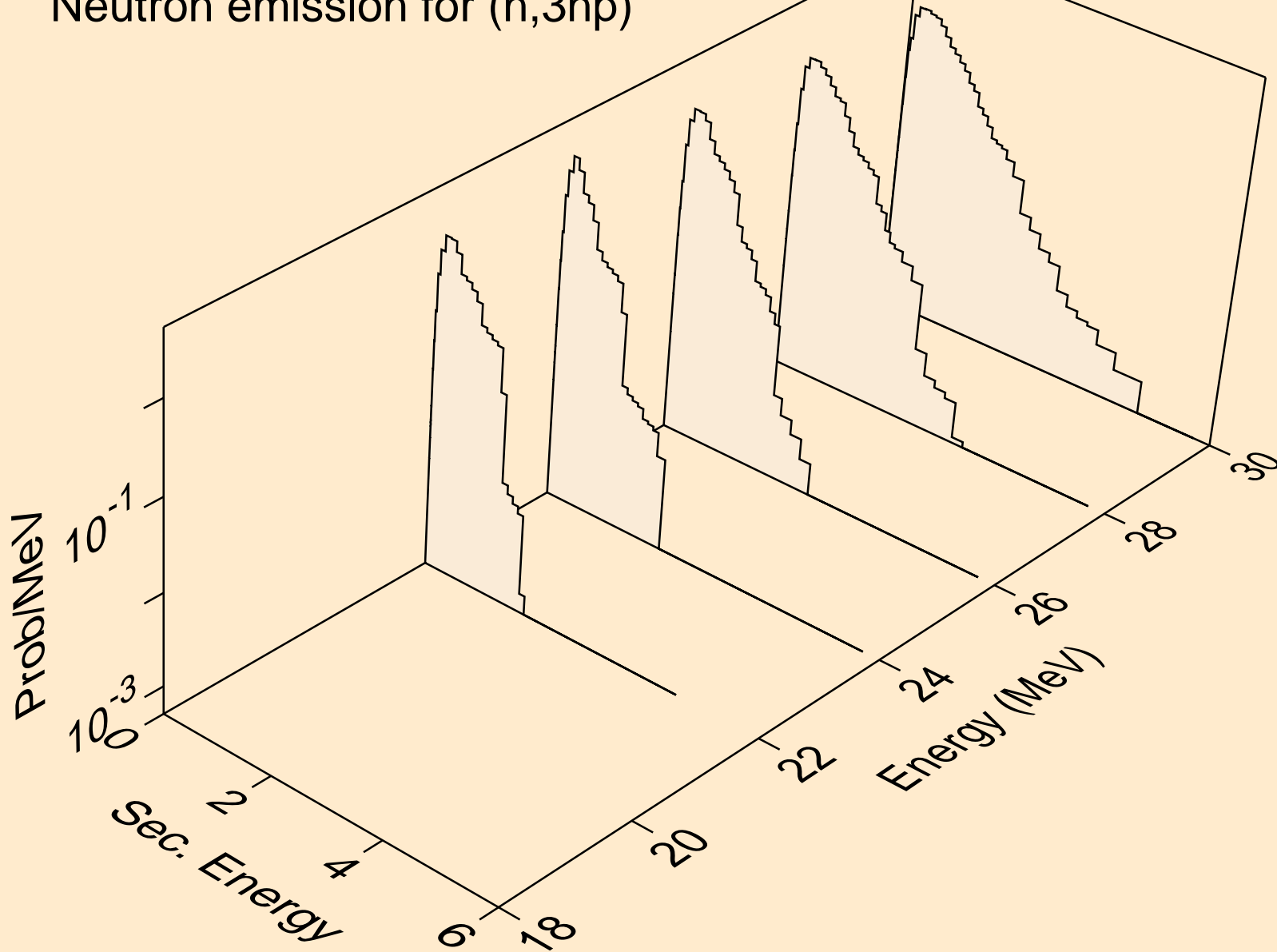
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



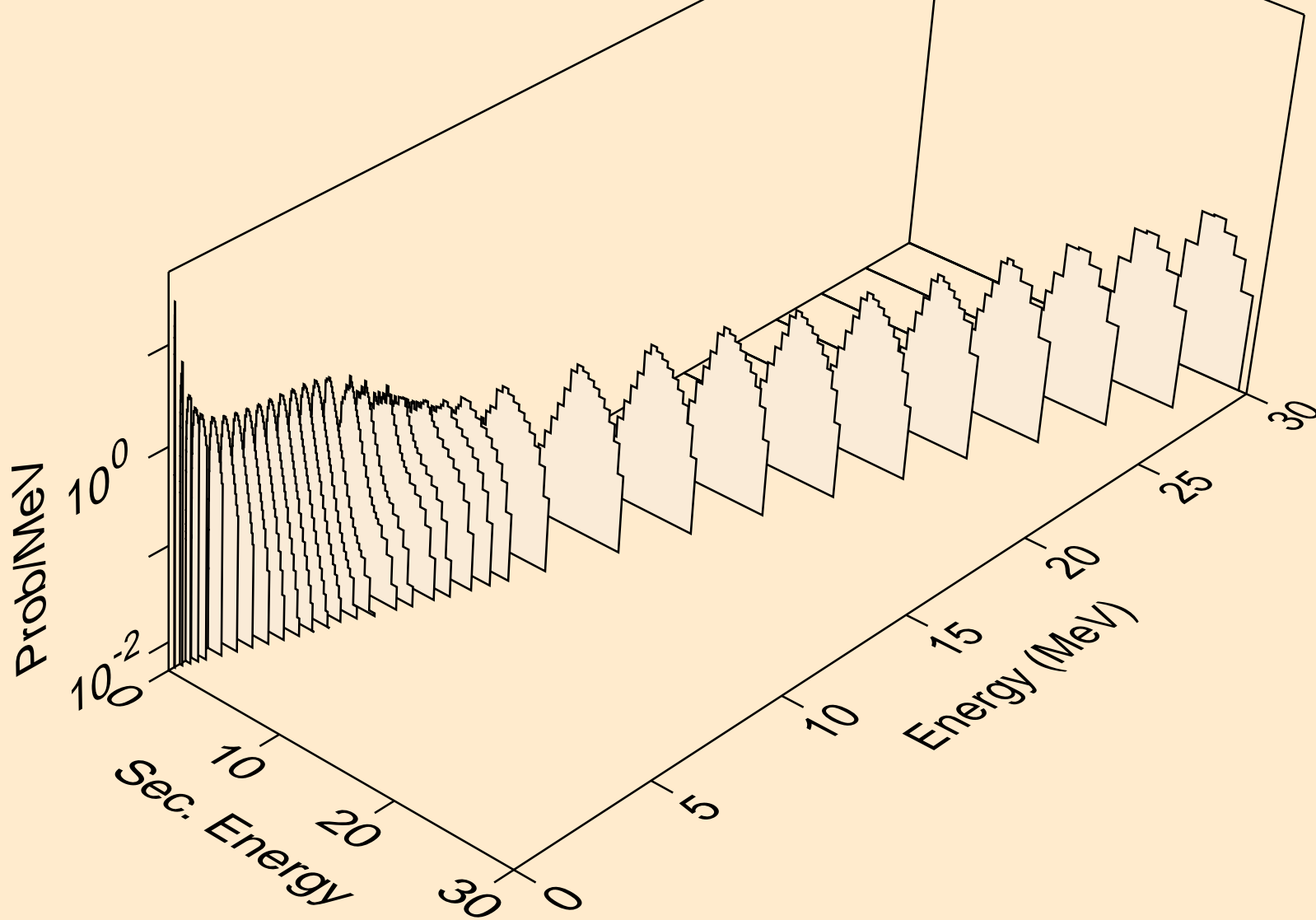
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



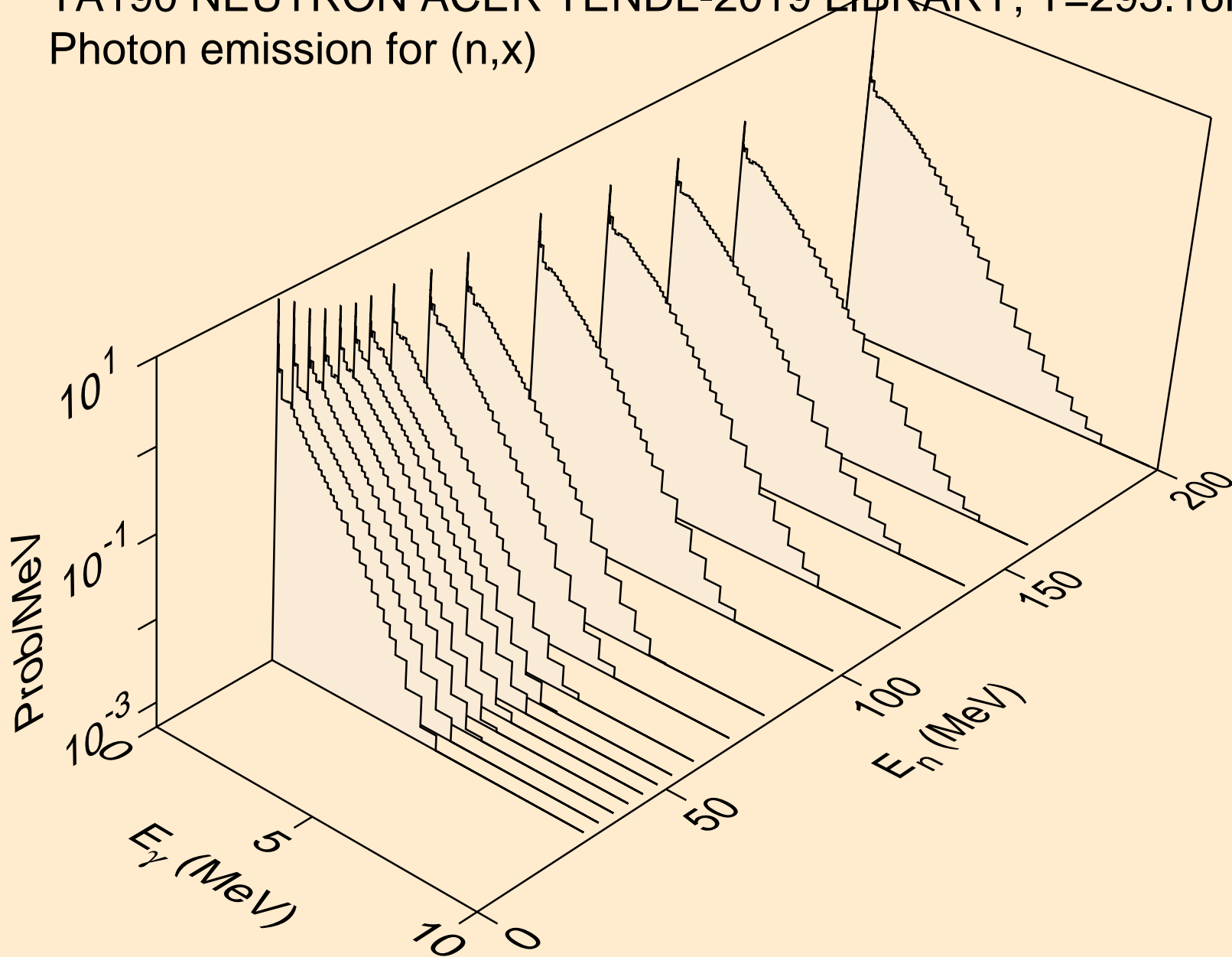
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



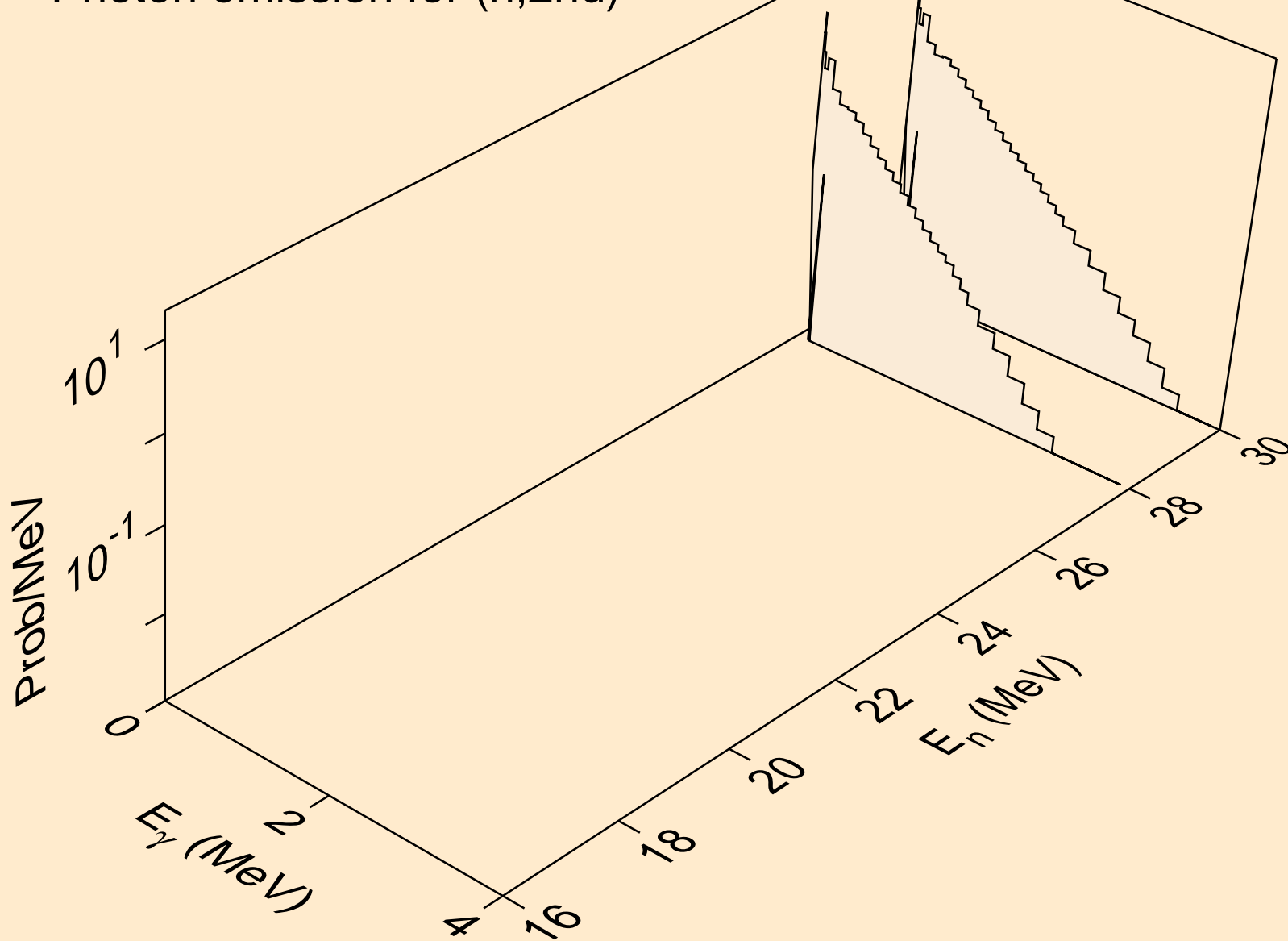
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



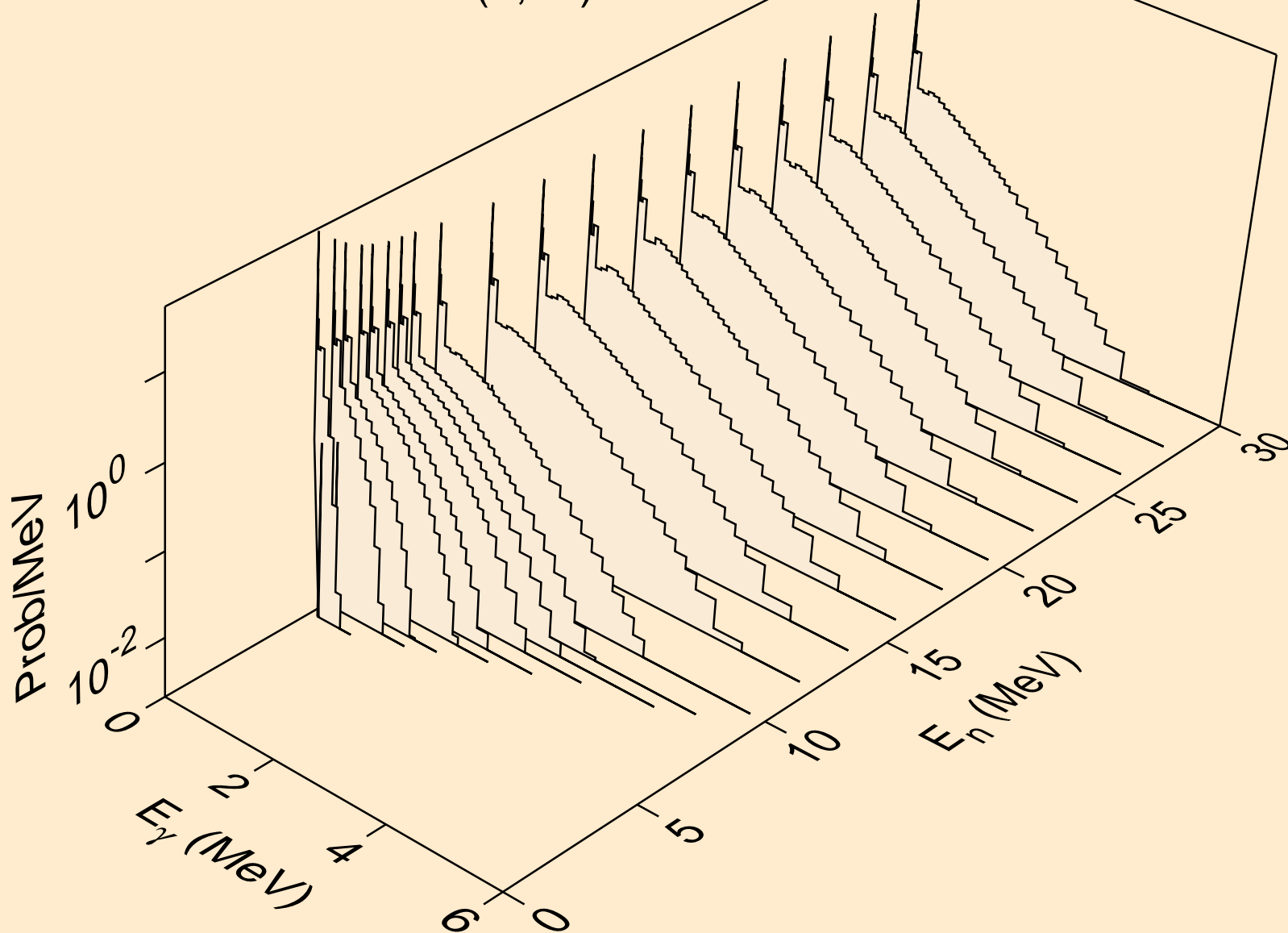
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



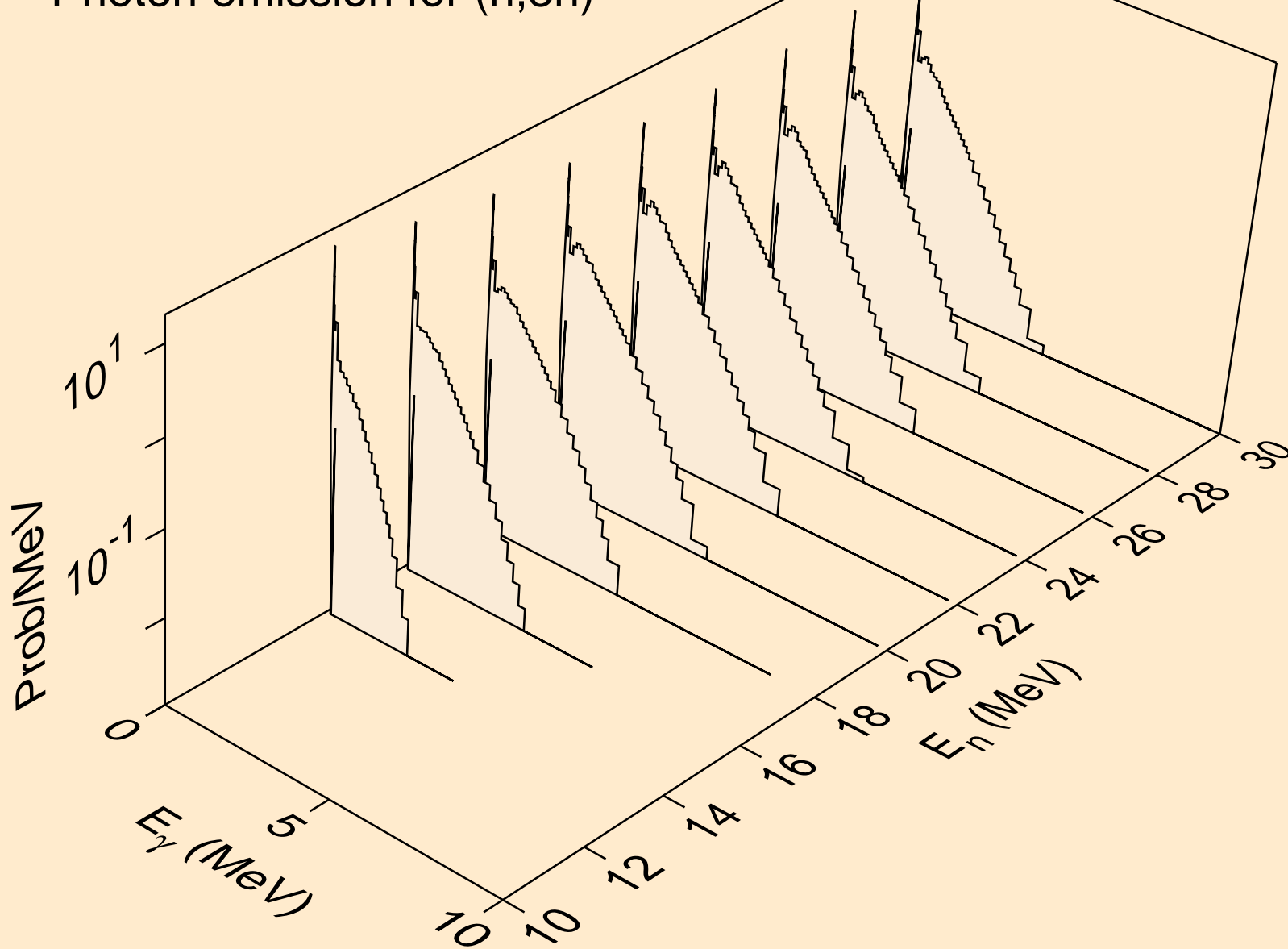
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



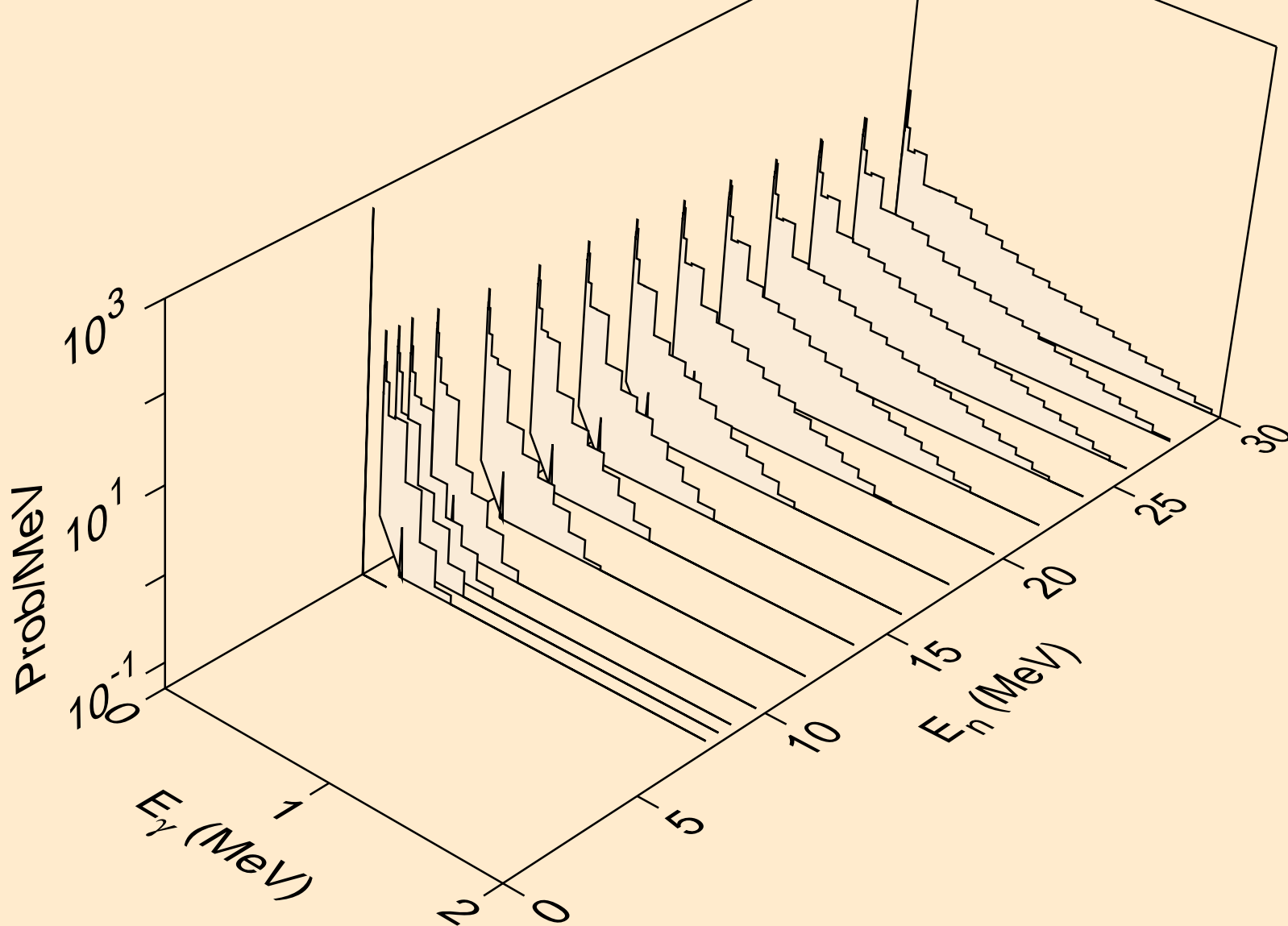
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



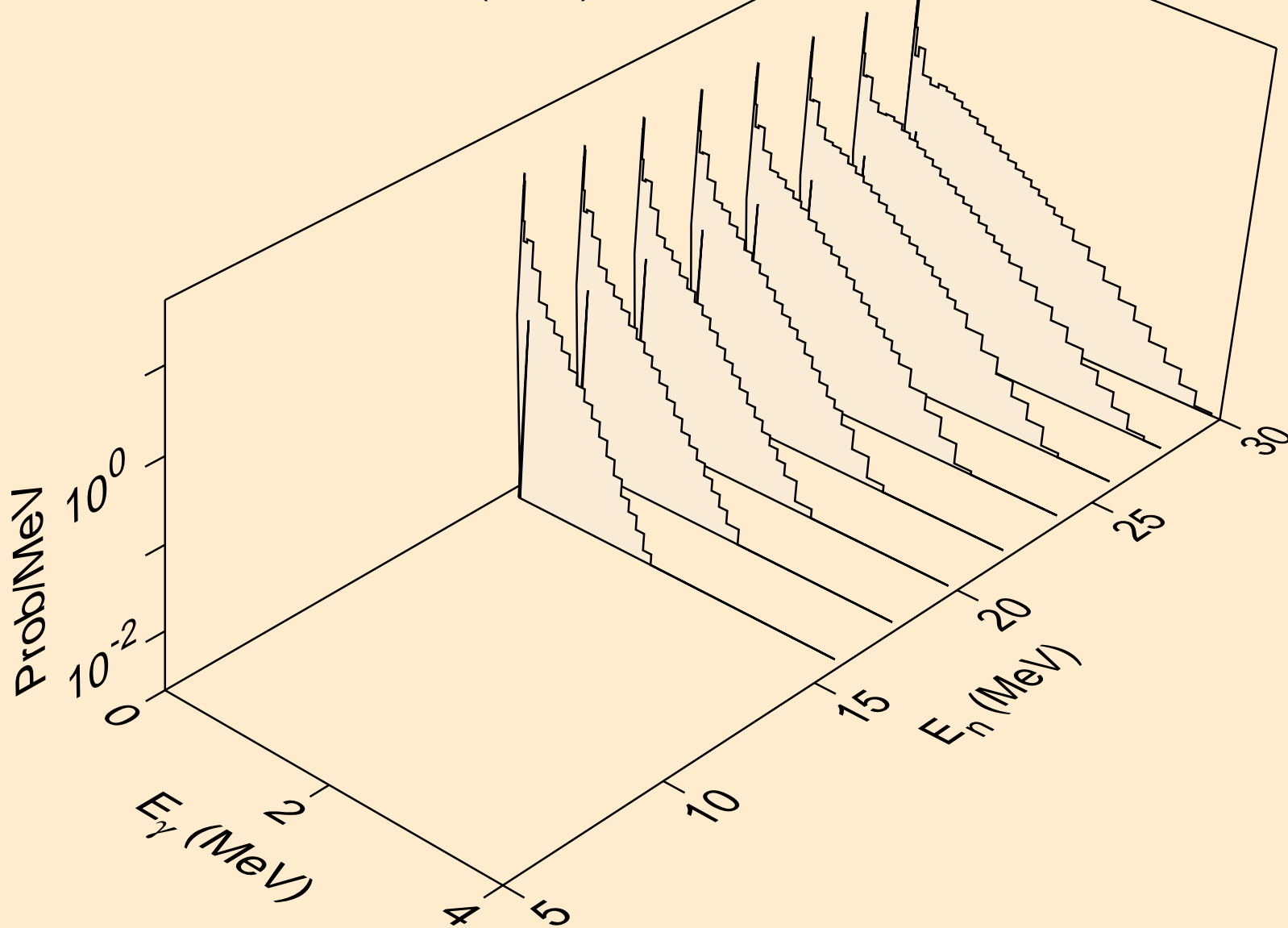
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Photon emission for (n,3n)



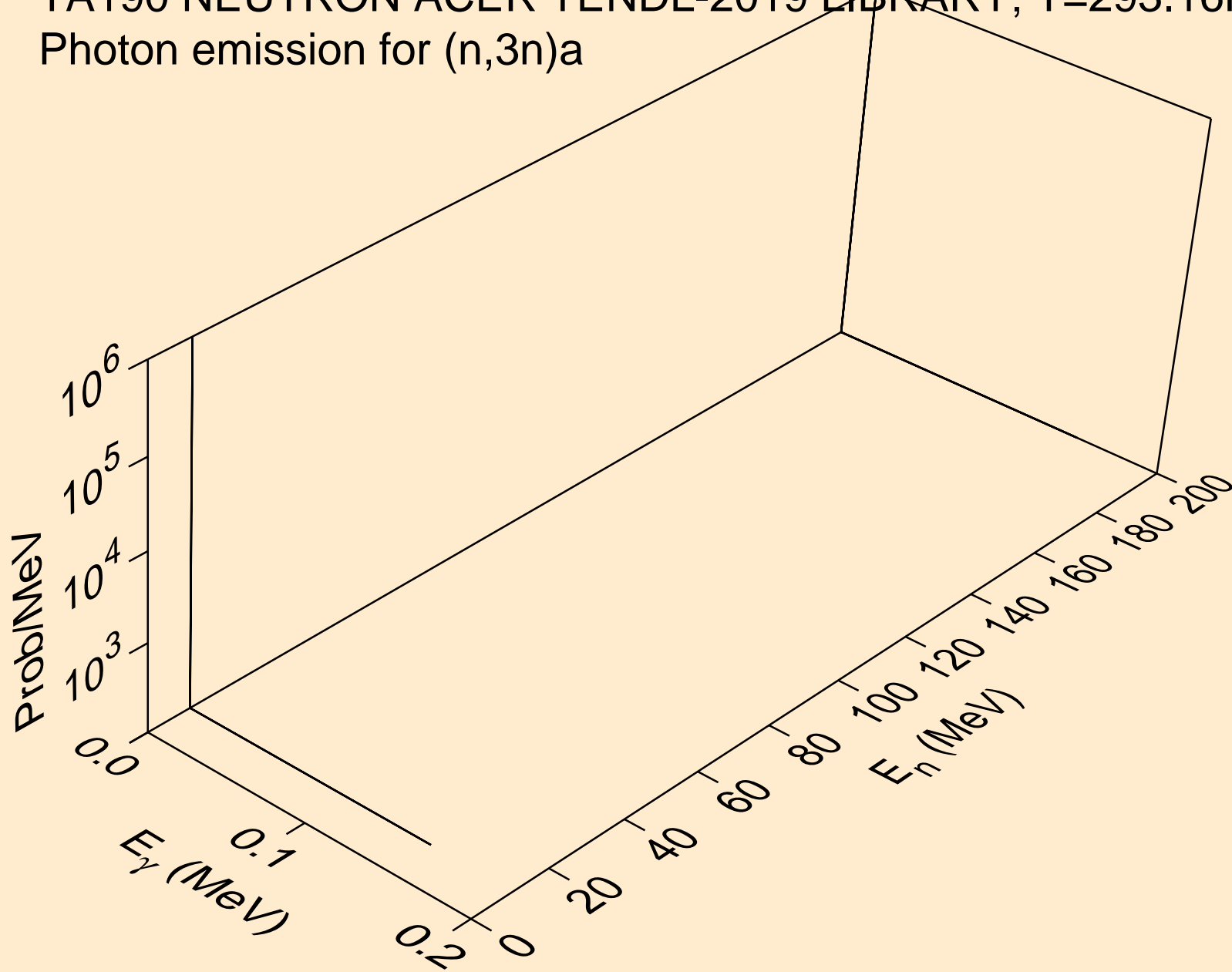
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



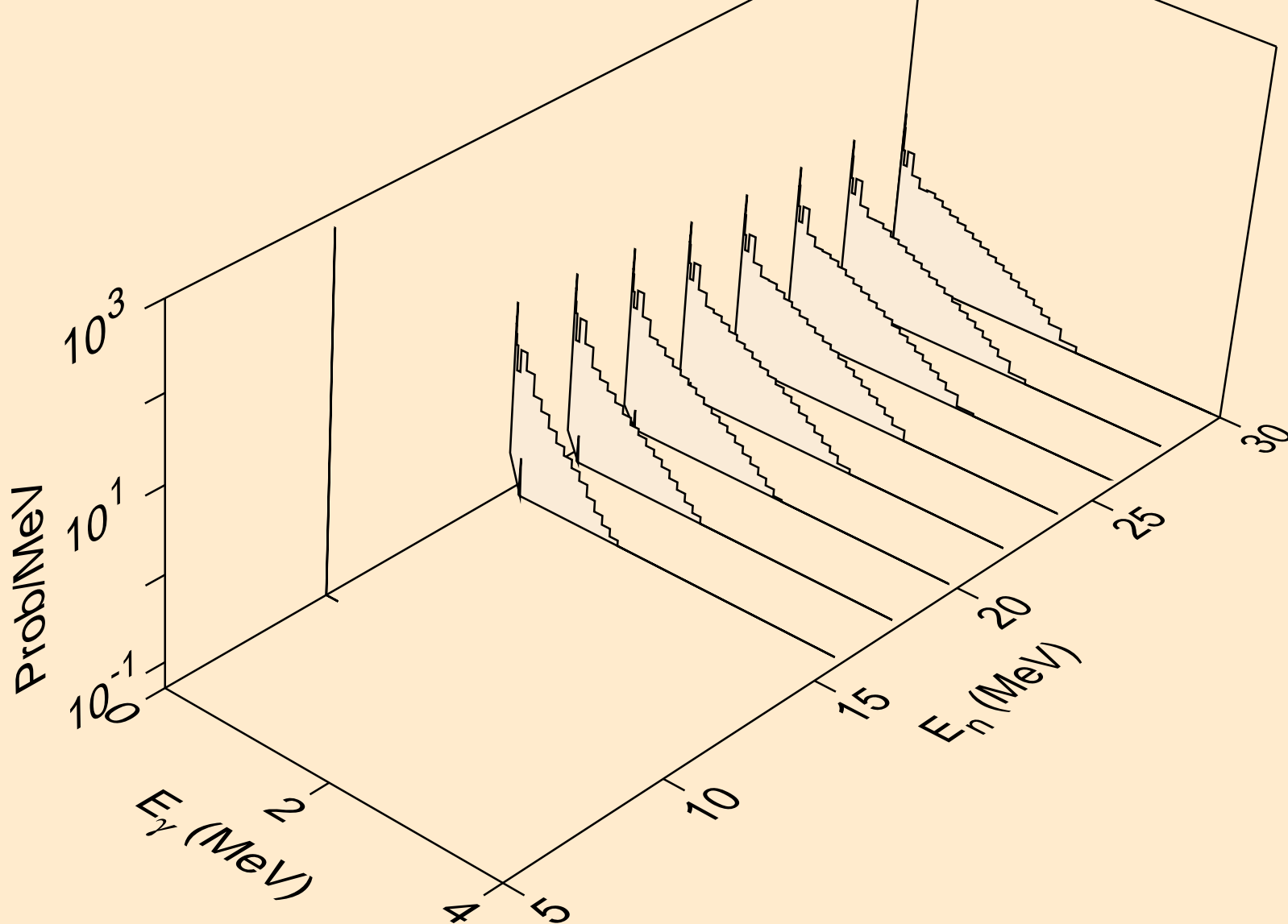
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



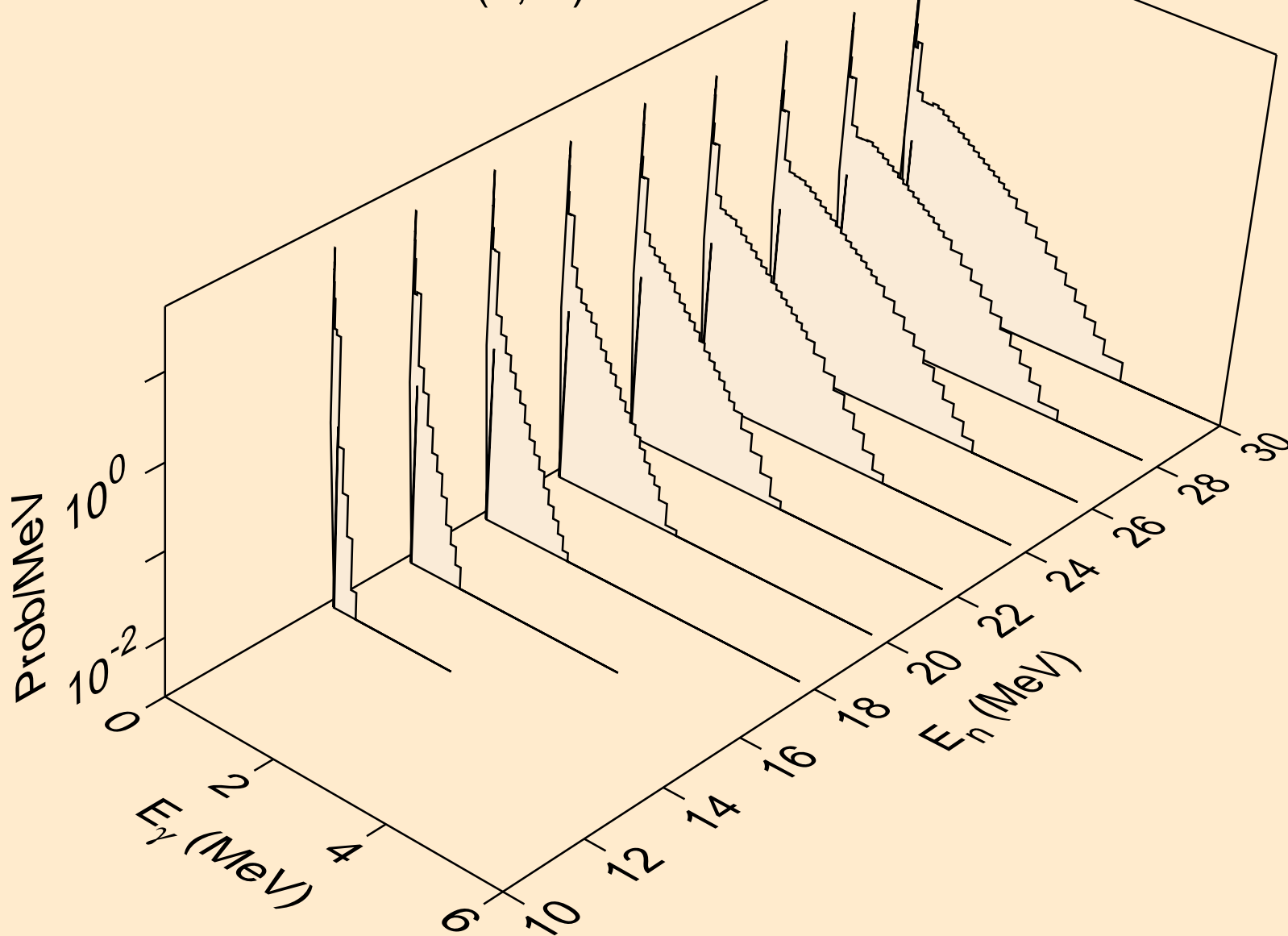
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



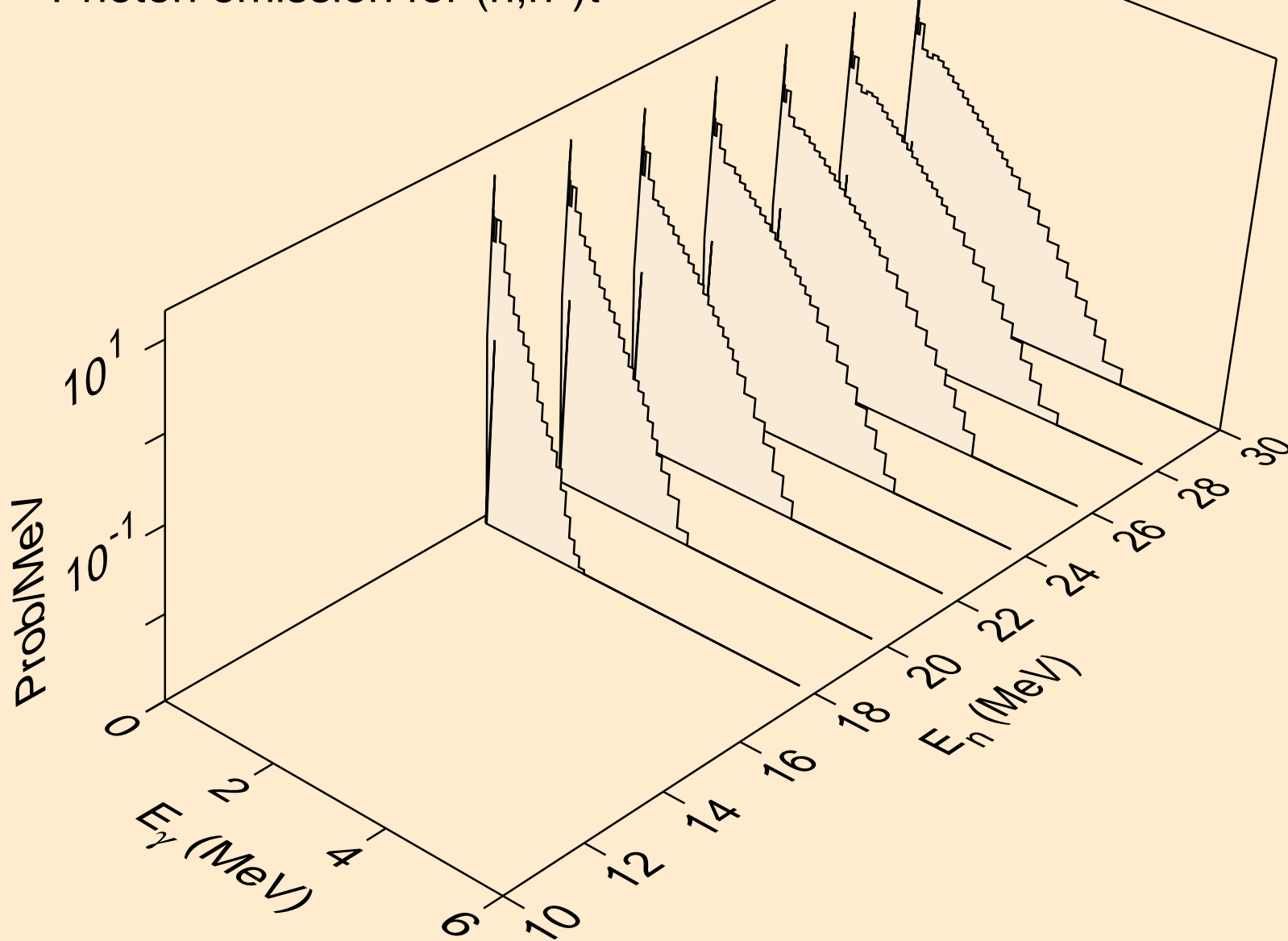
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



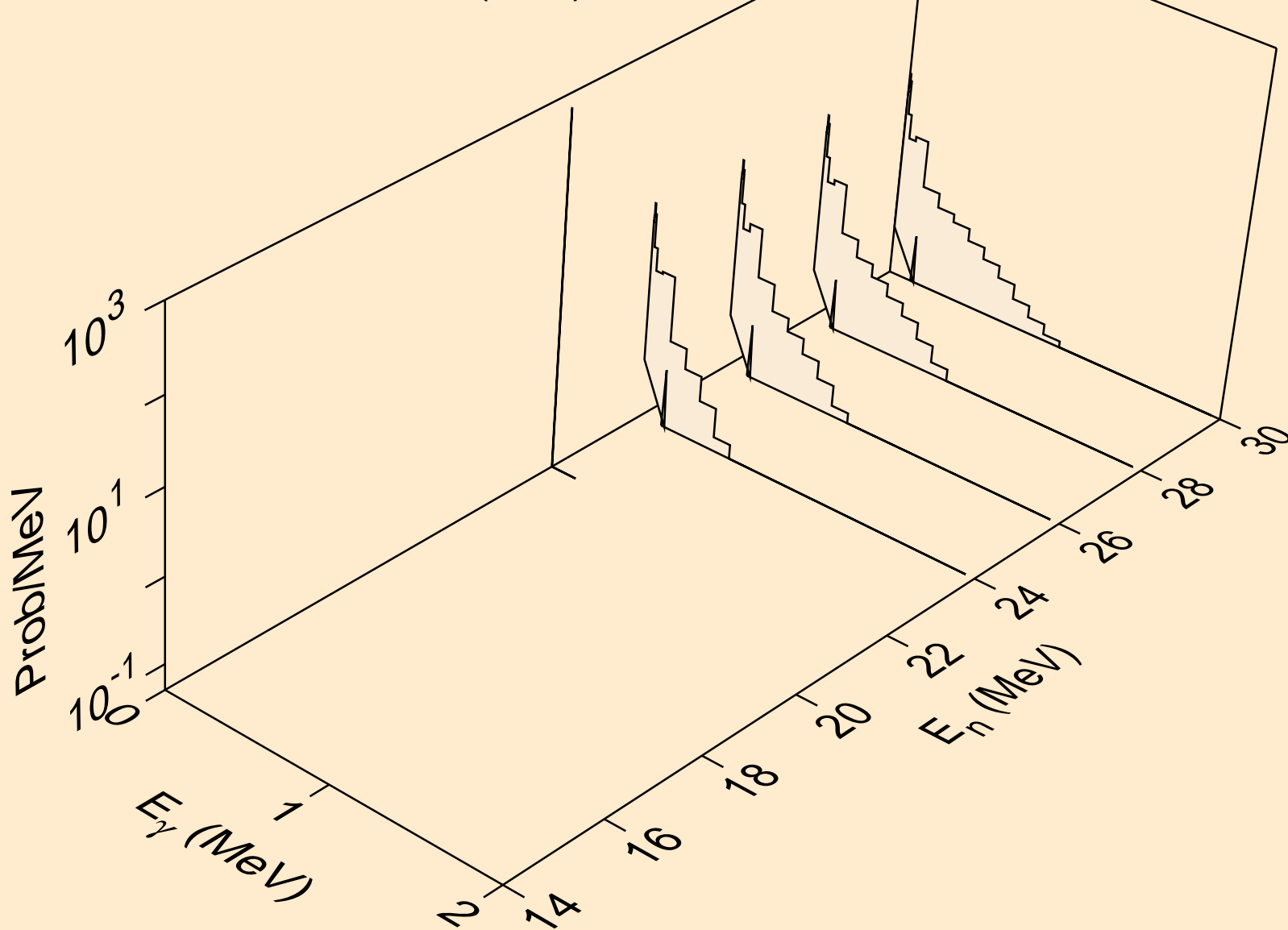
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



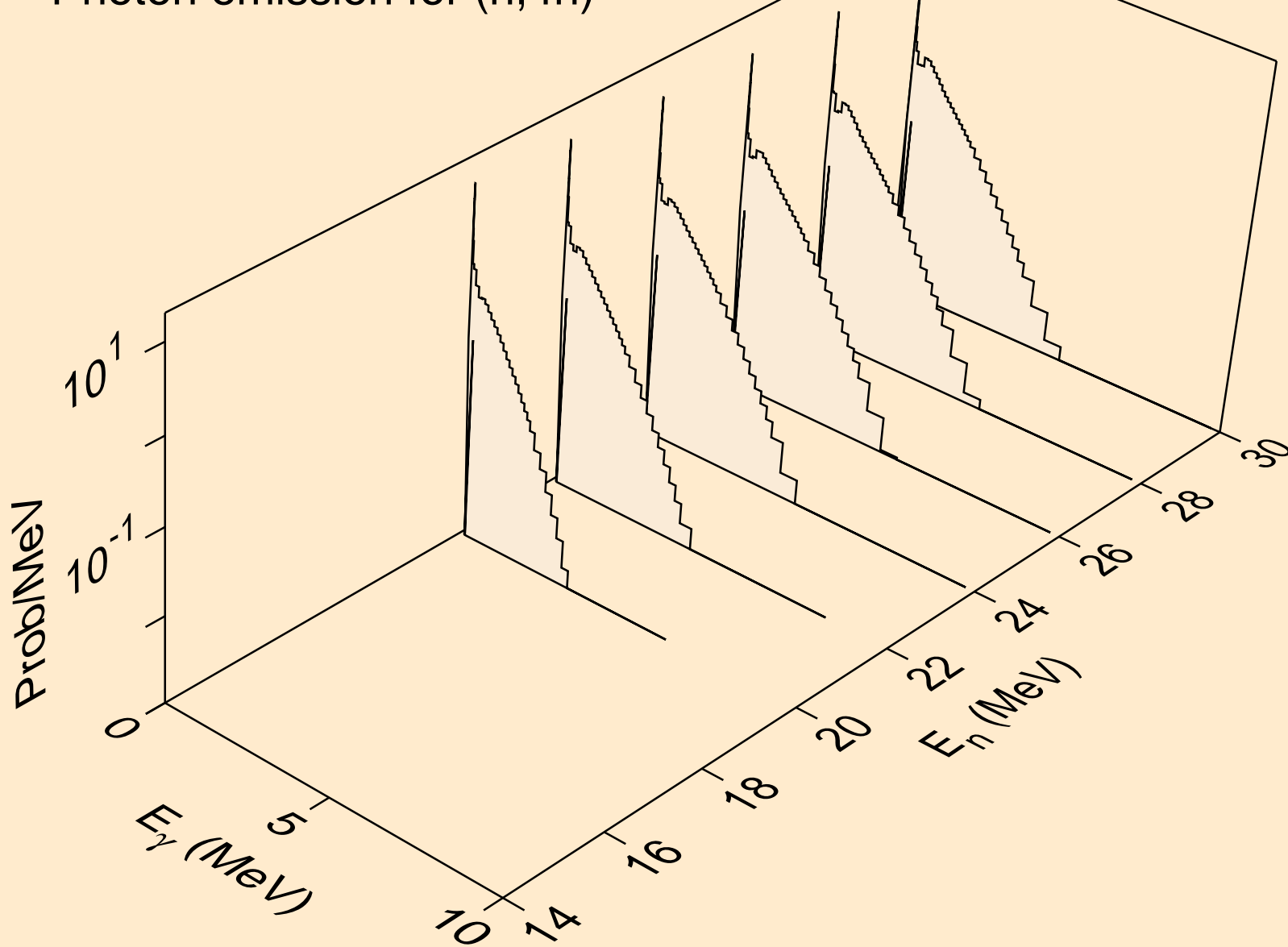
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



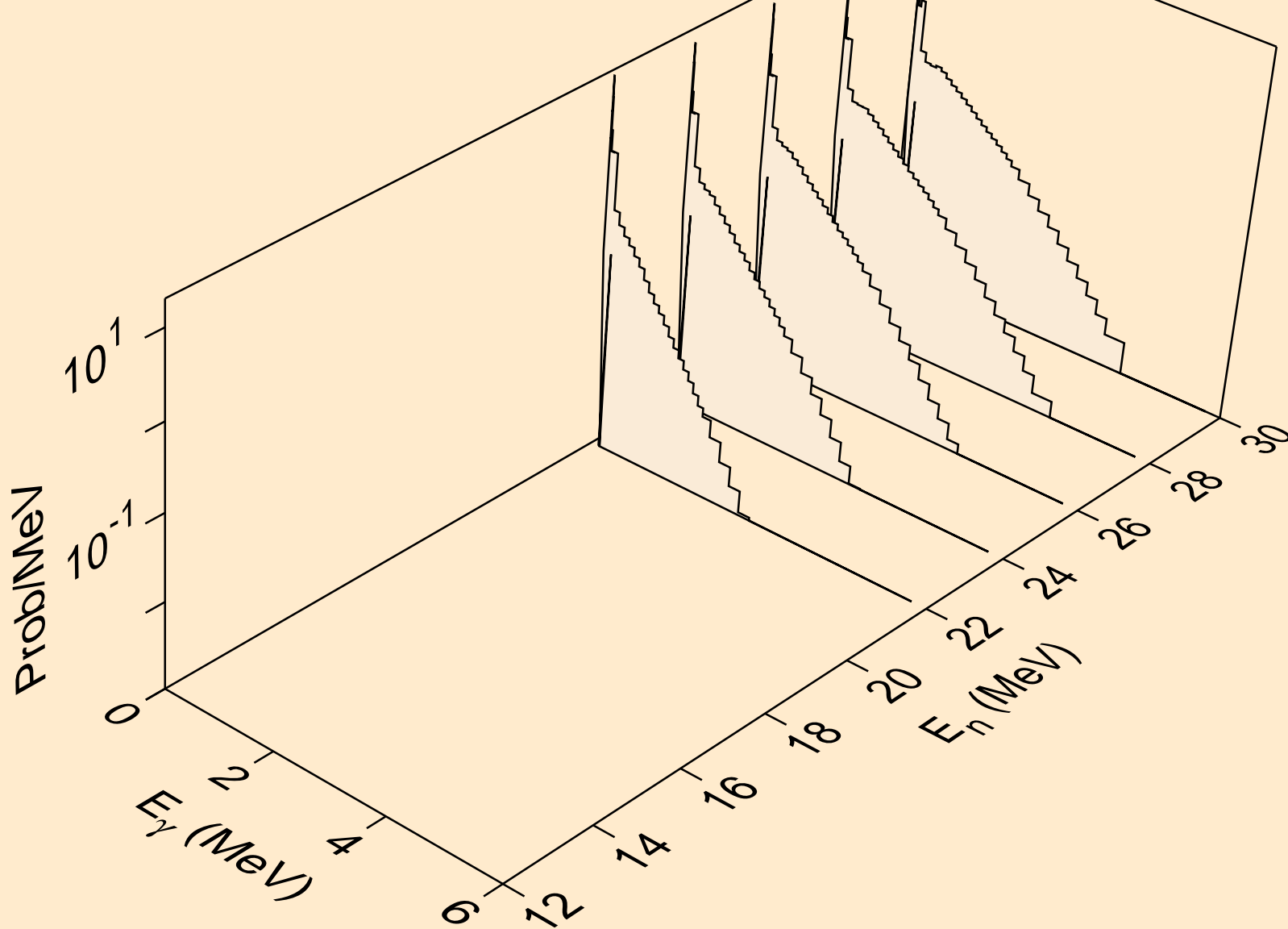
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



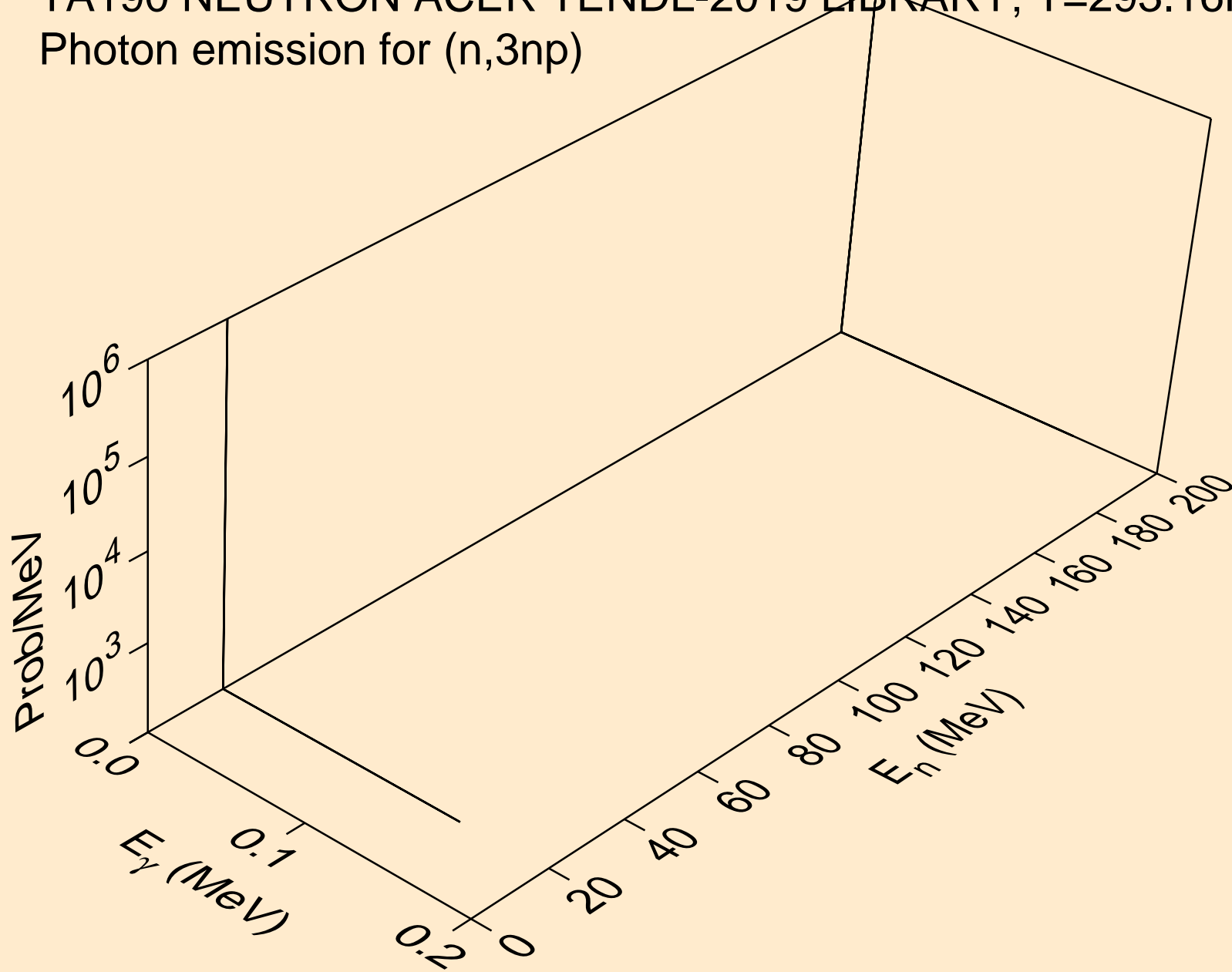
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



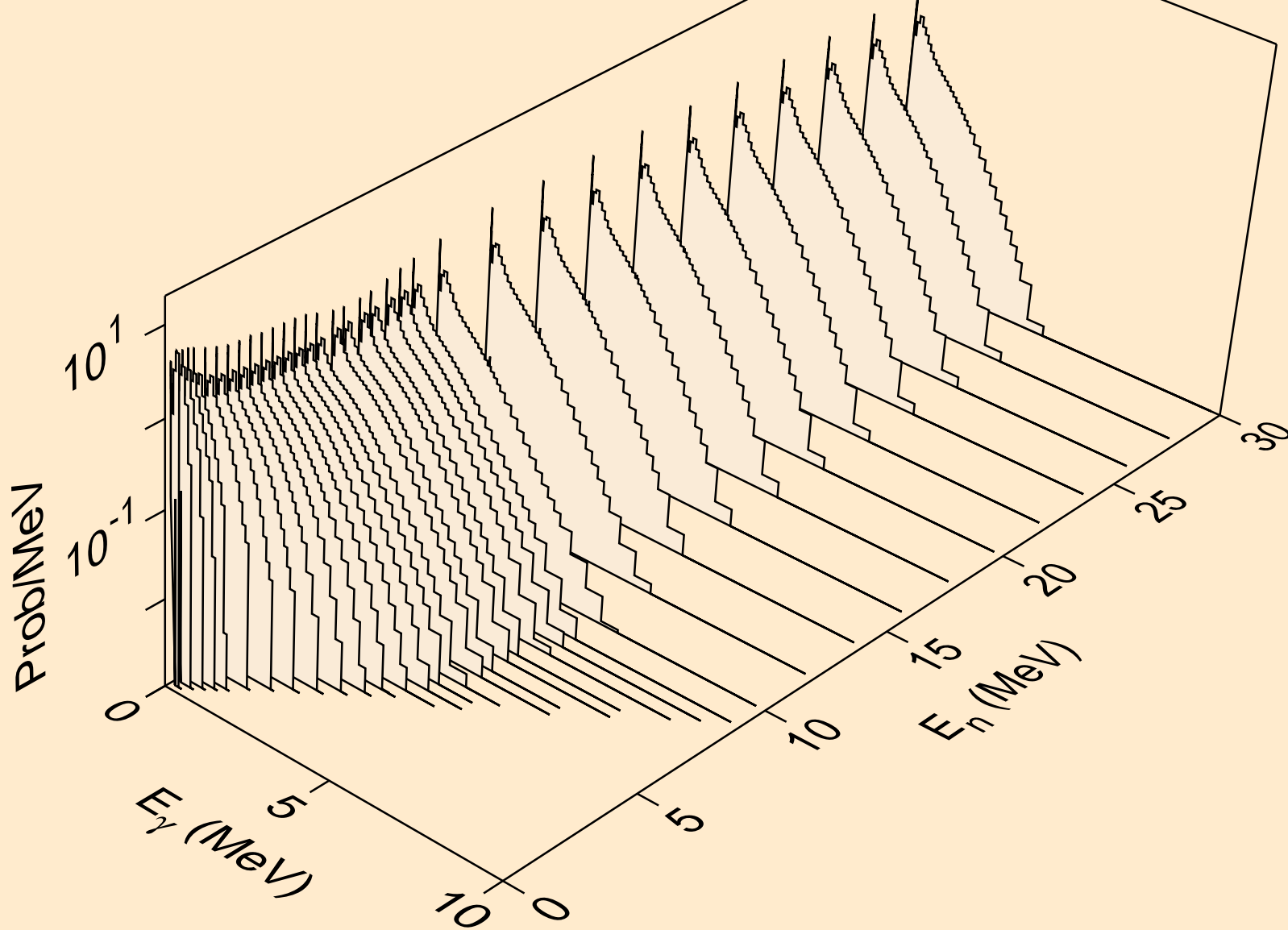
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



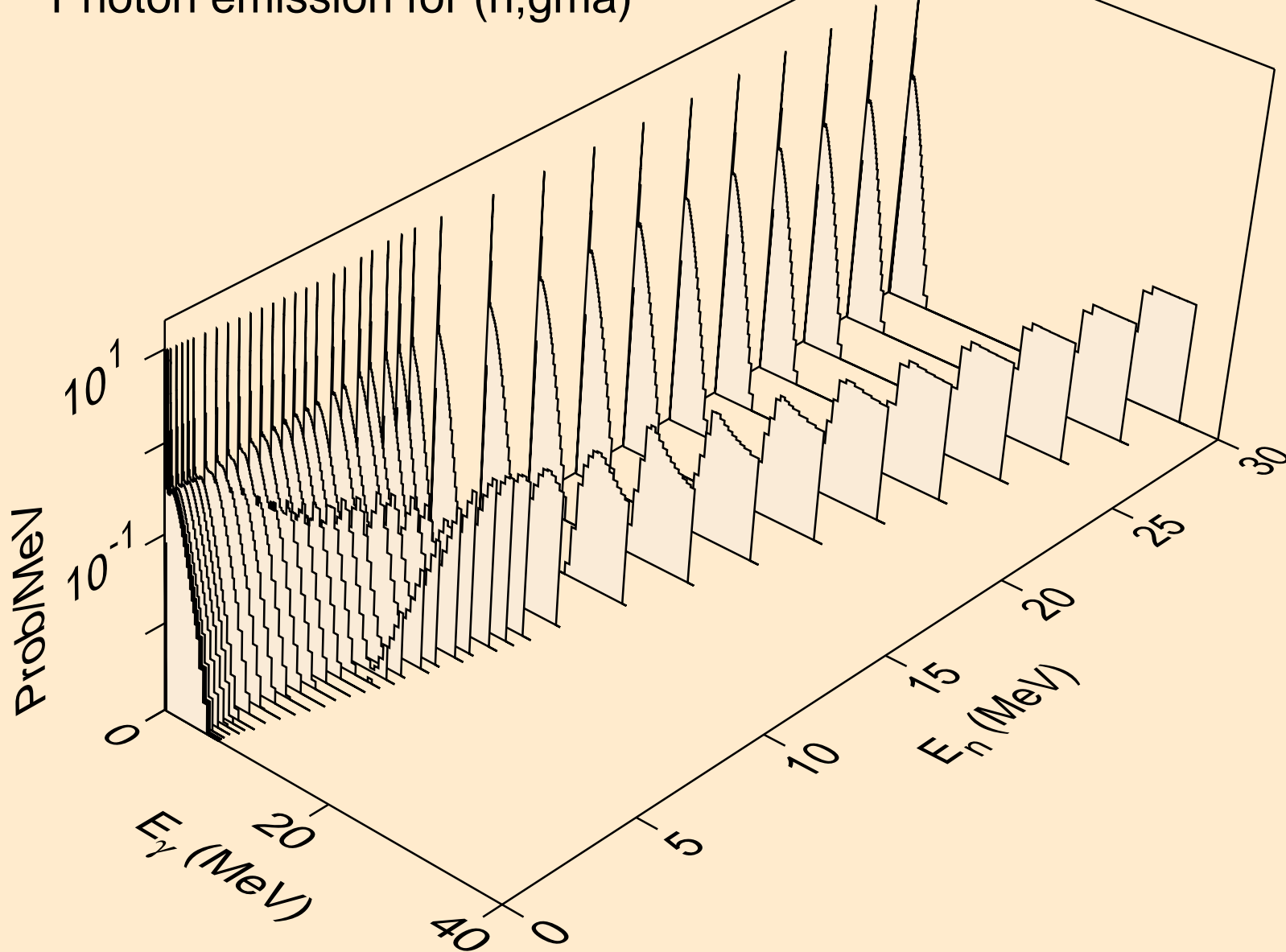
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Photon emission for (n,3np)



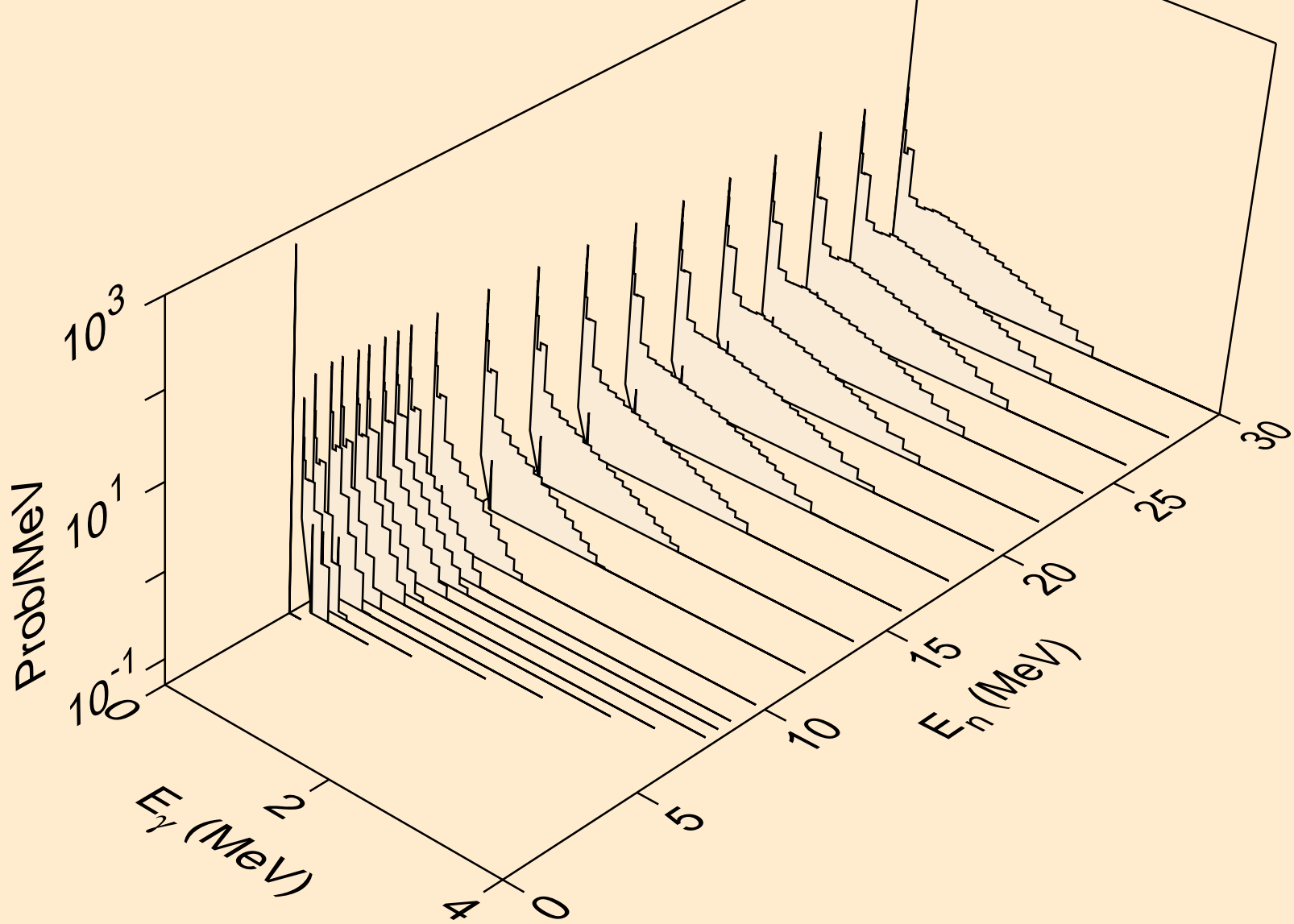
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



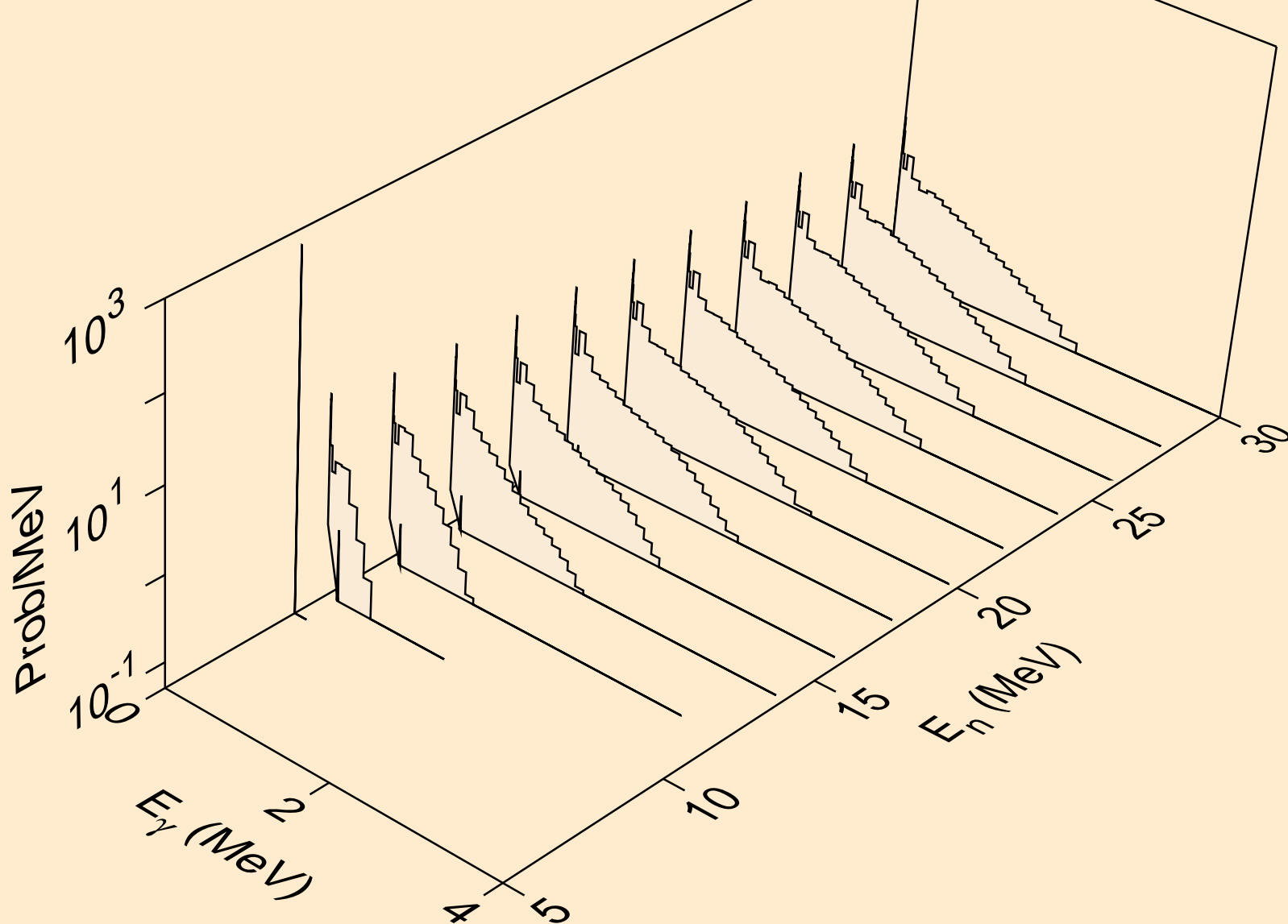
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



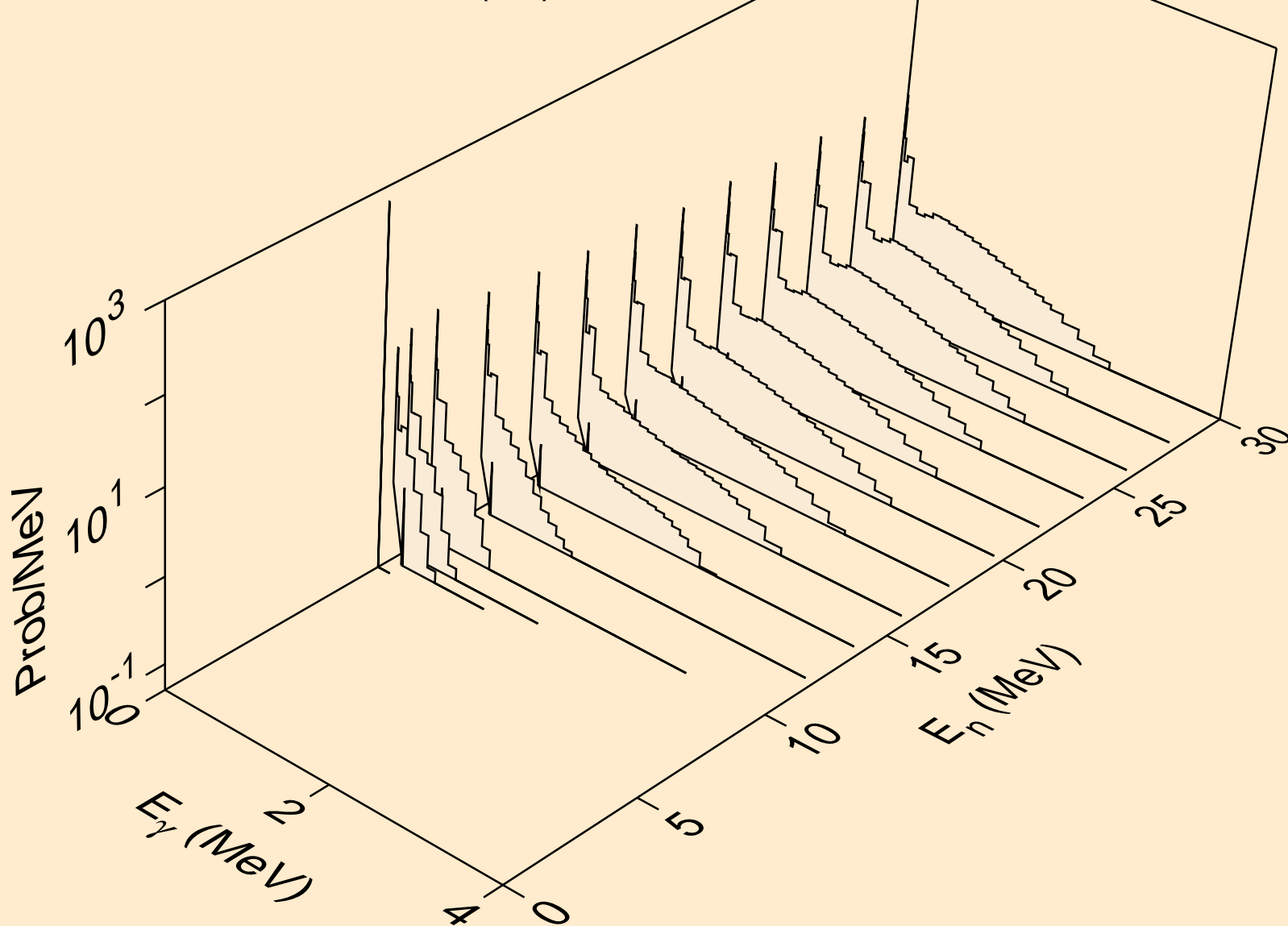
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



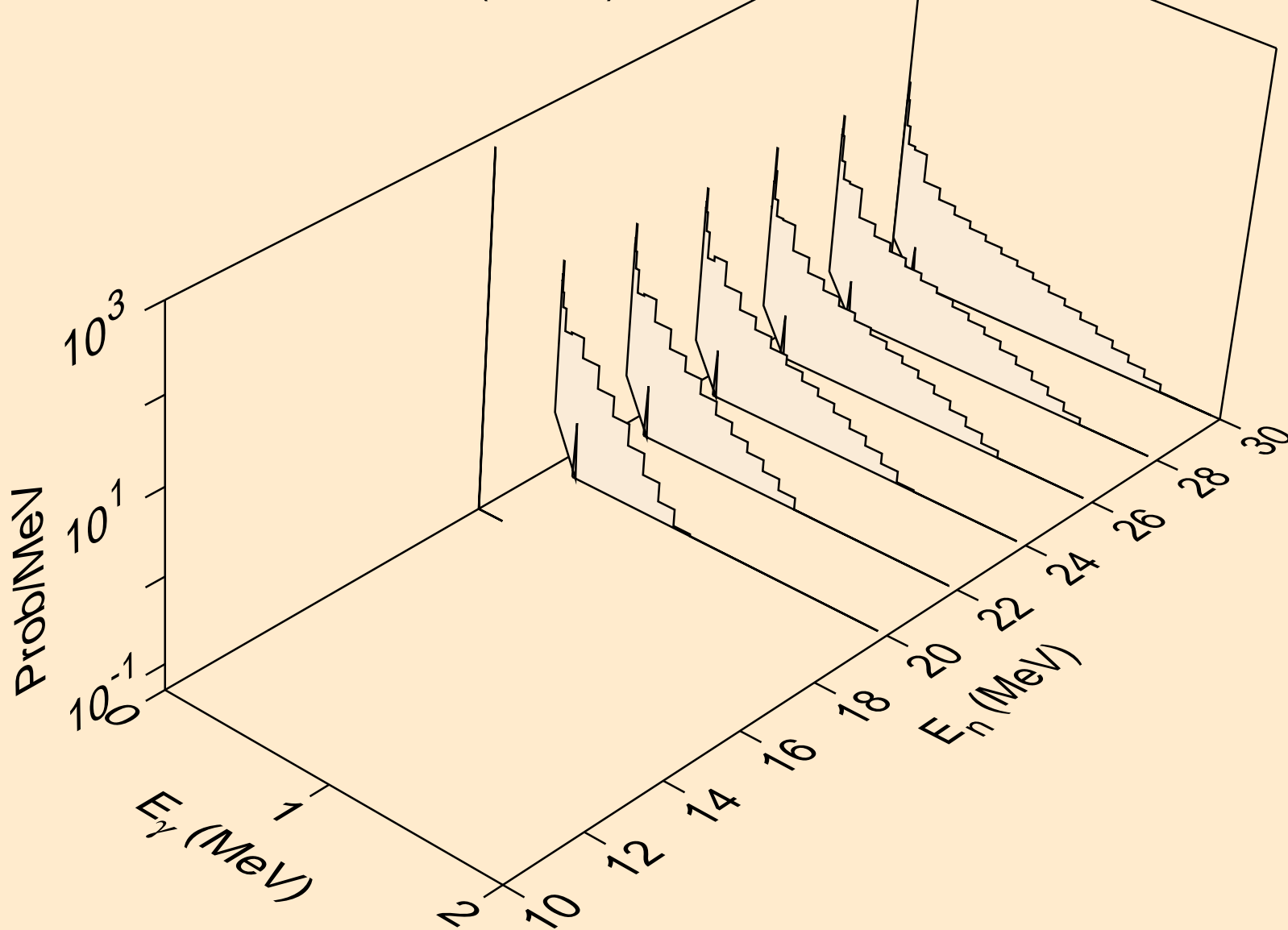
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Photon emission for (n,d)



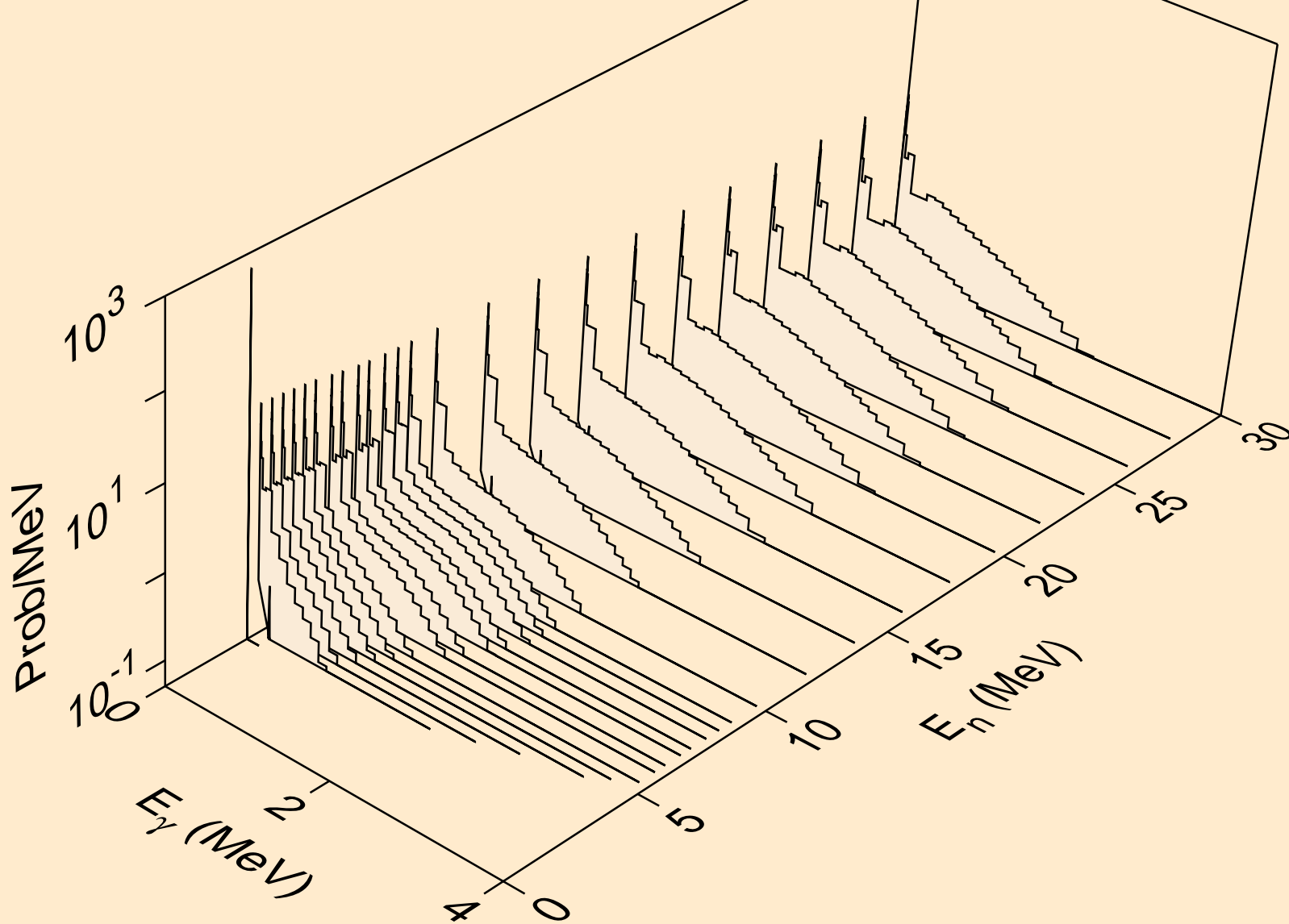
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



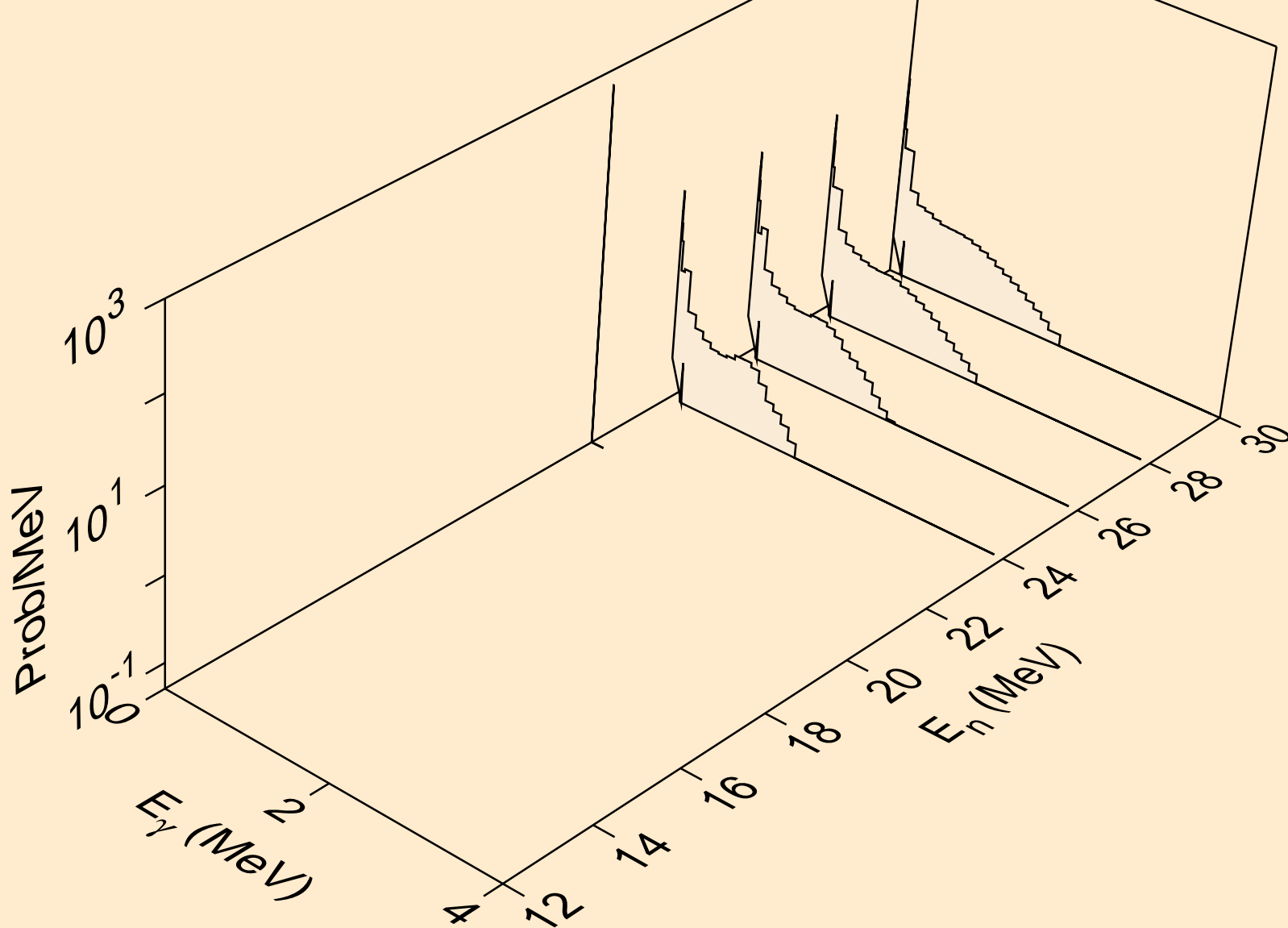
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



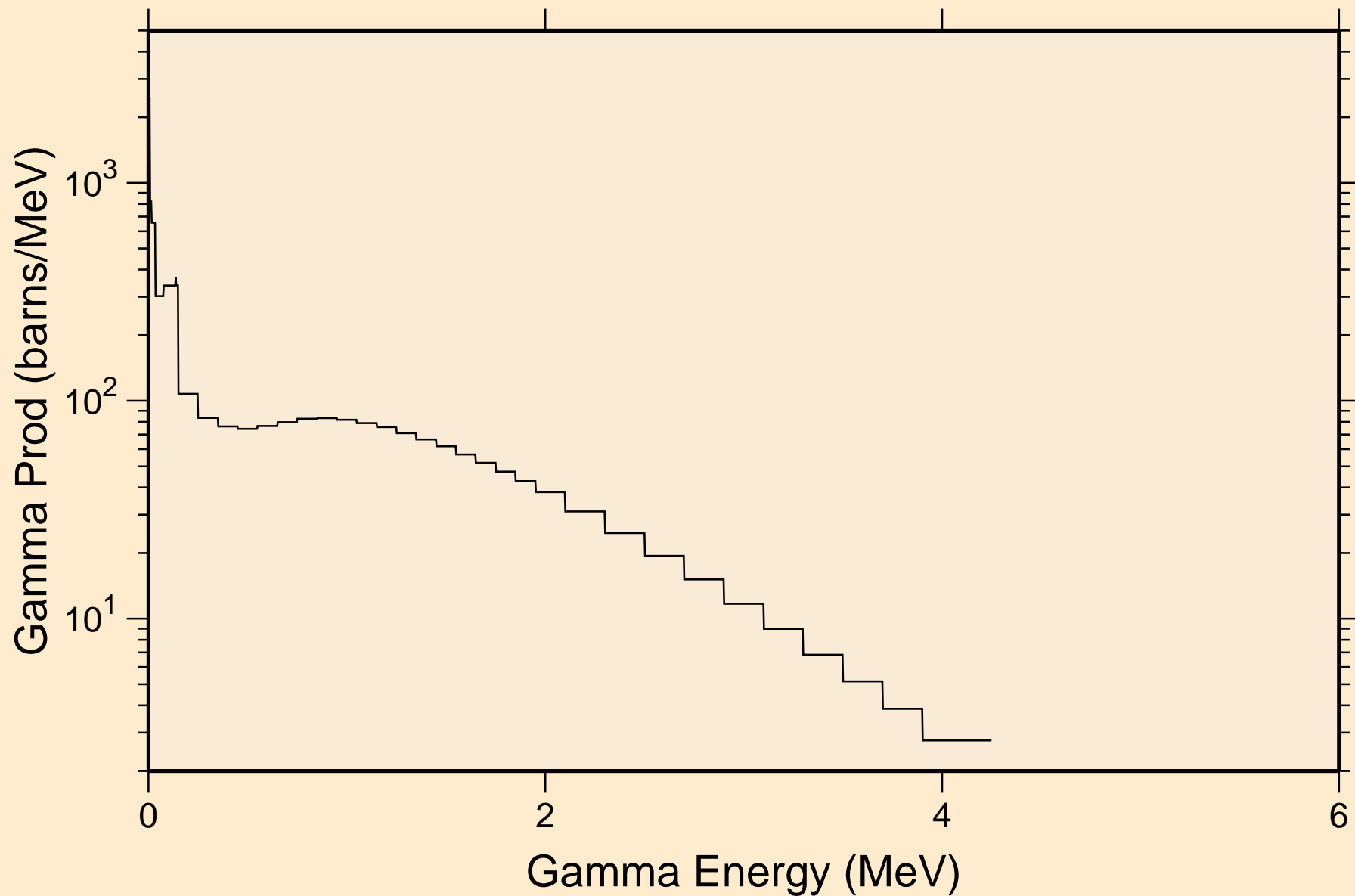
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



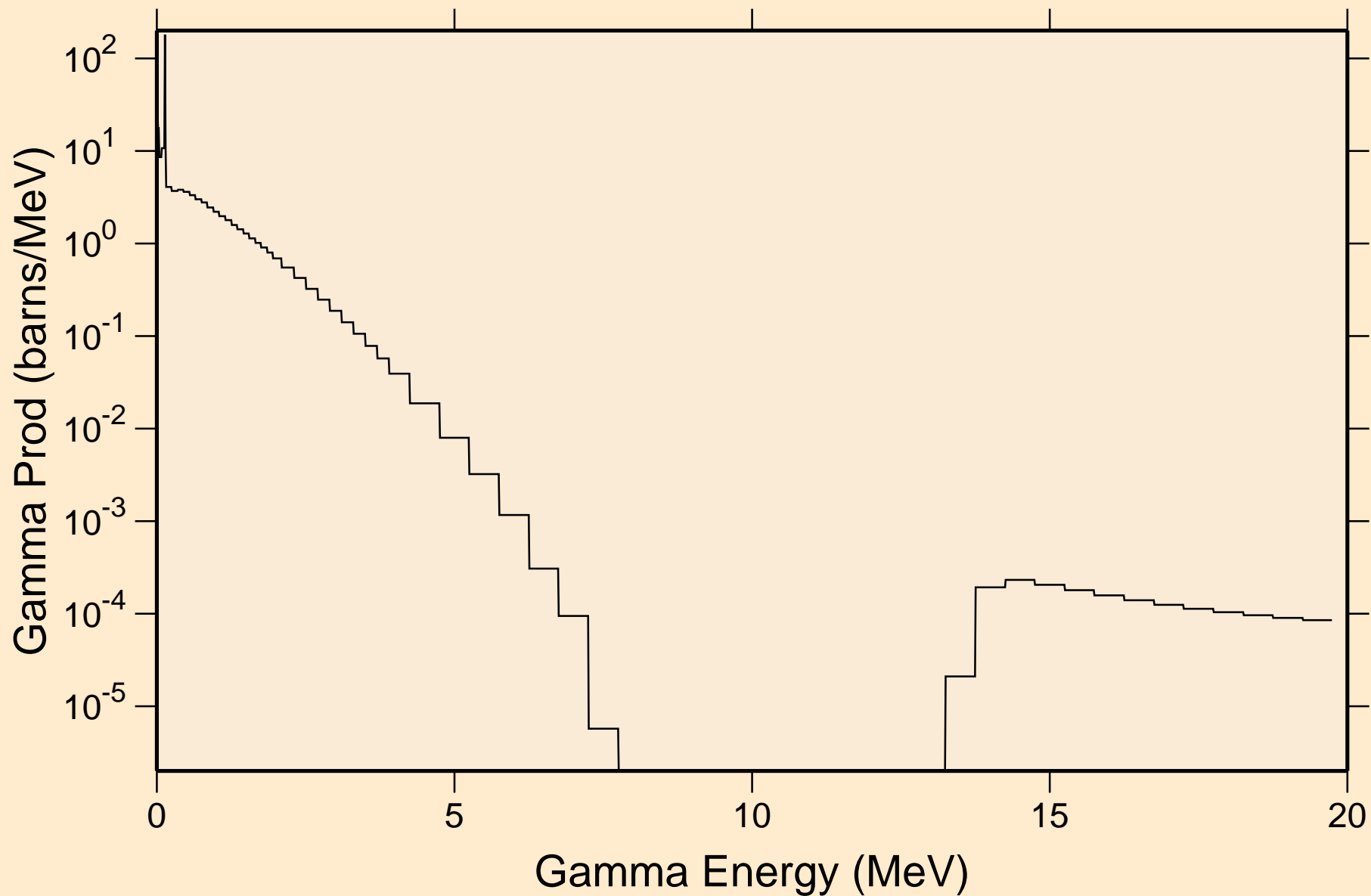
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

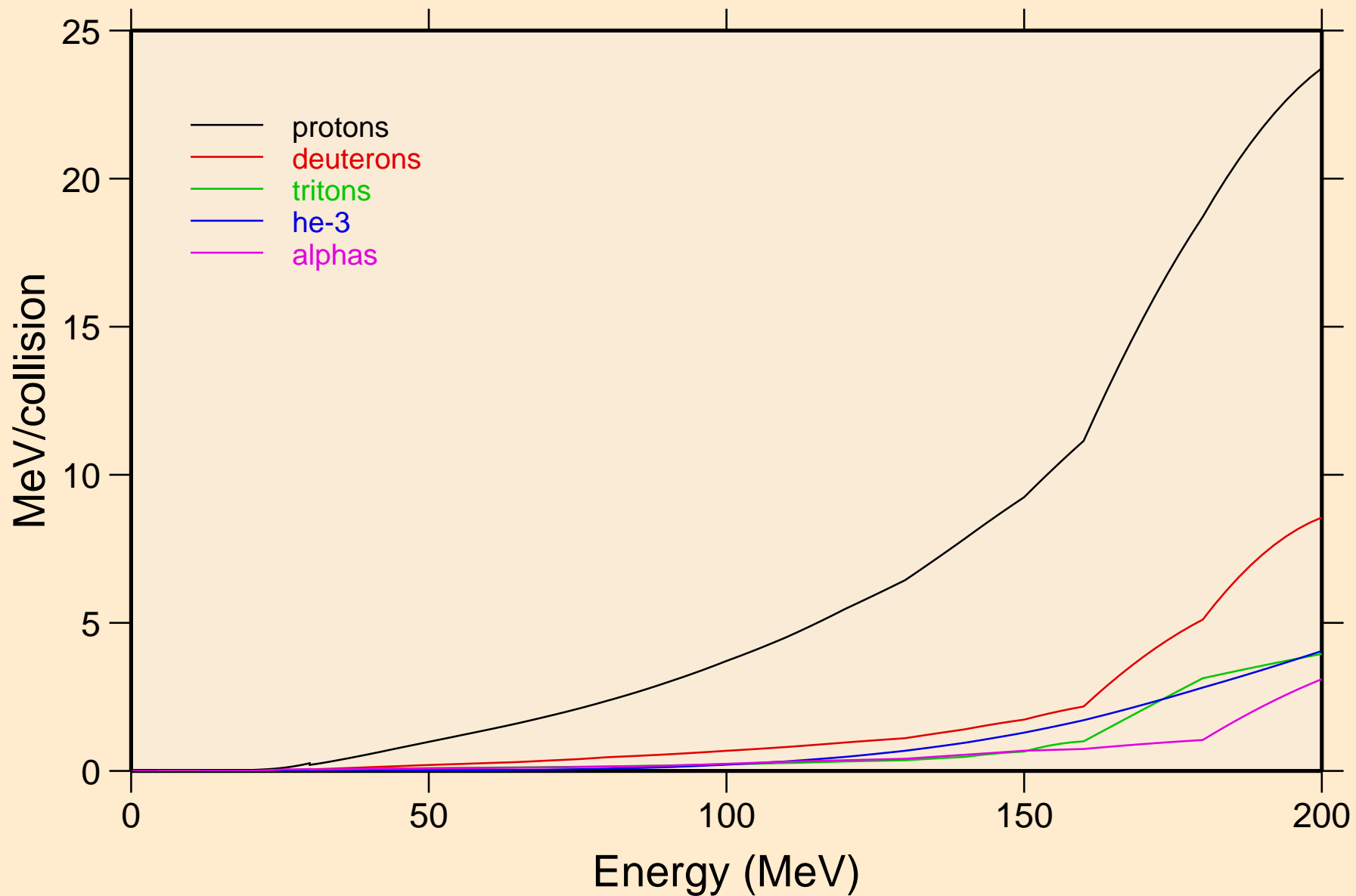


TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

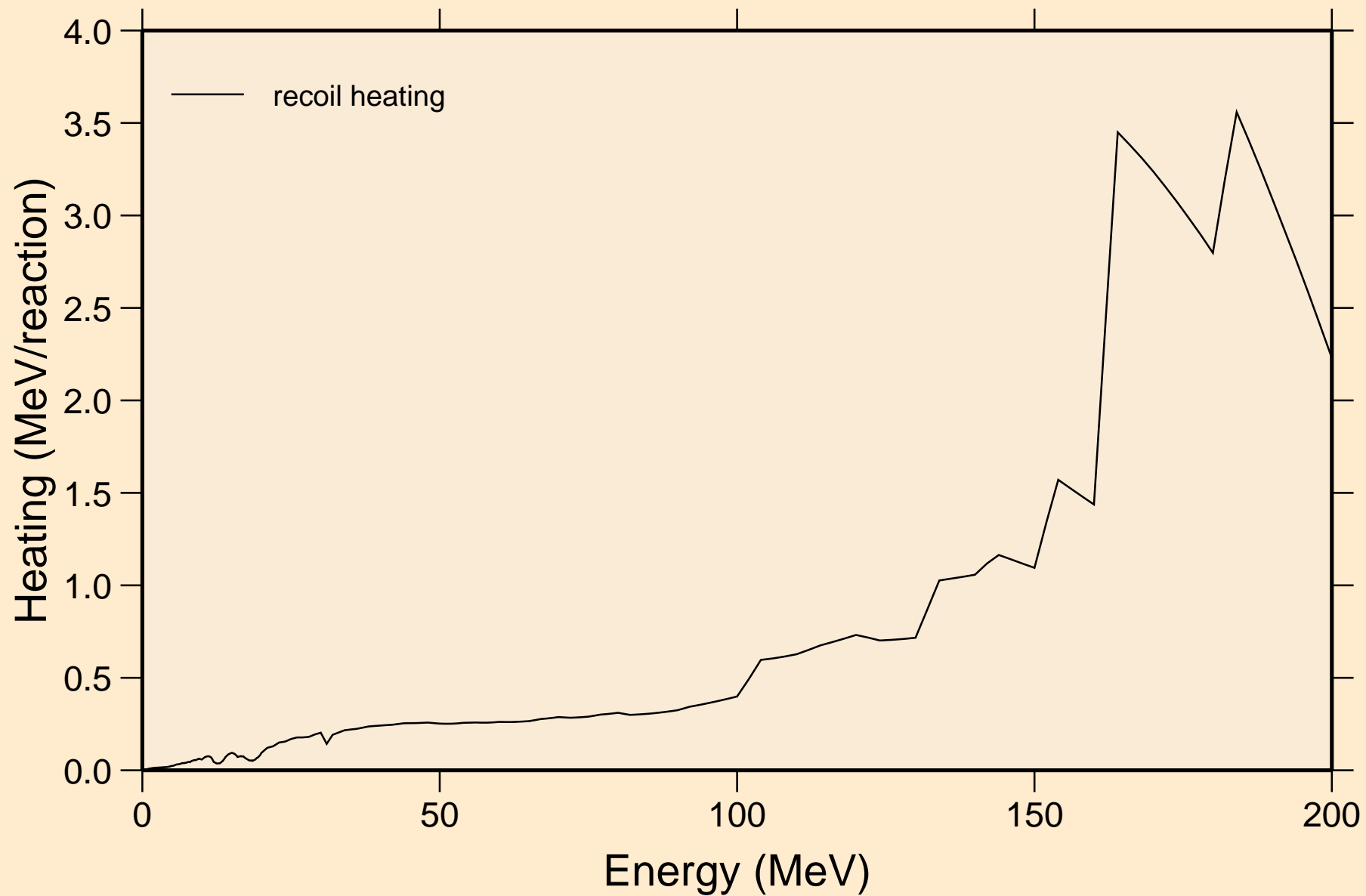


TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

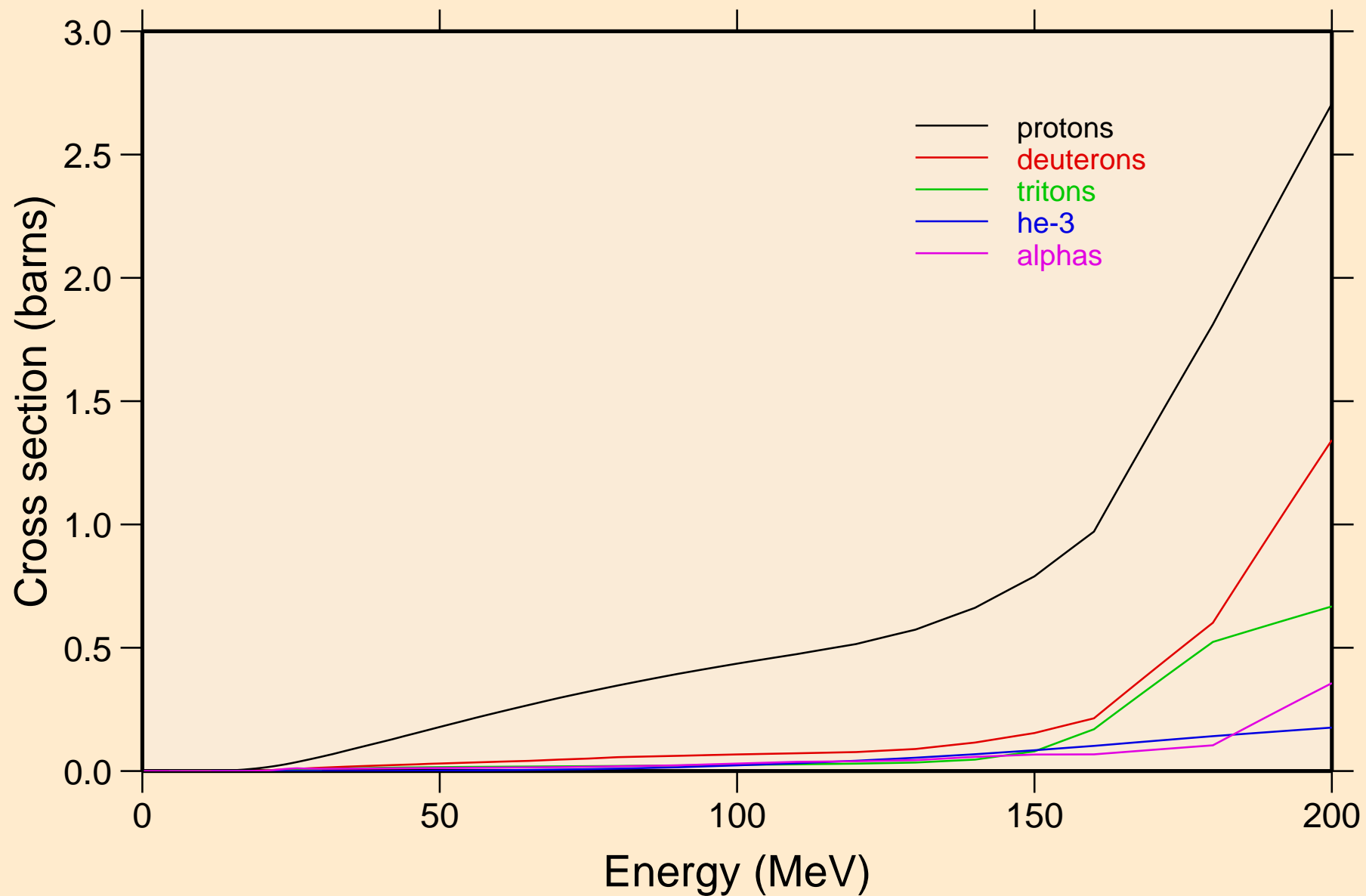
Particle heating contributions



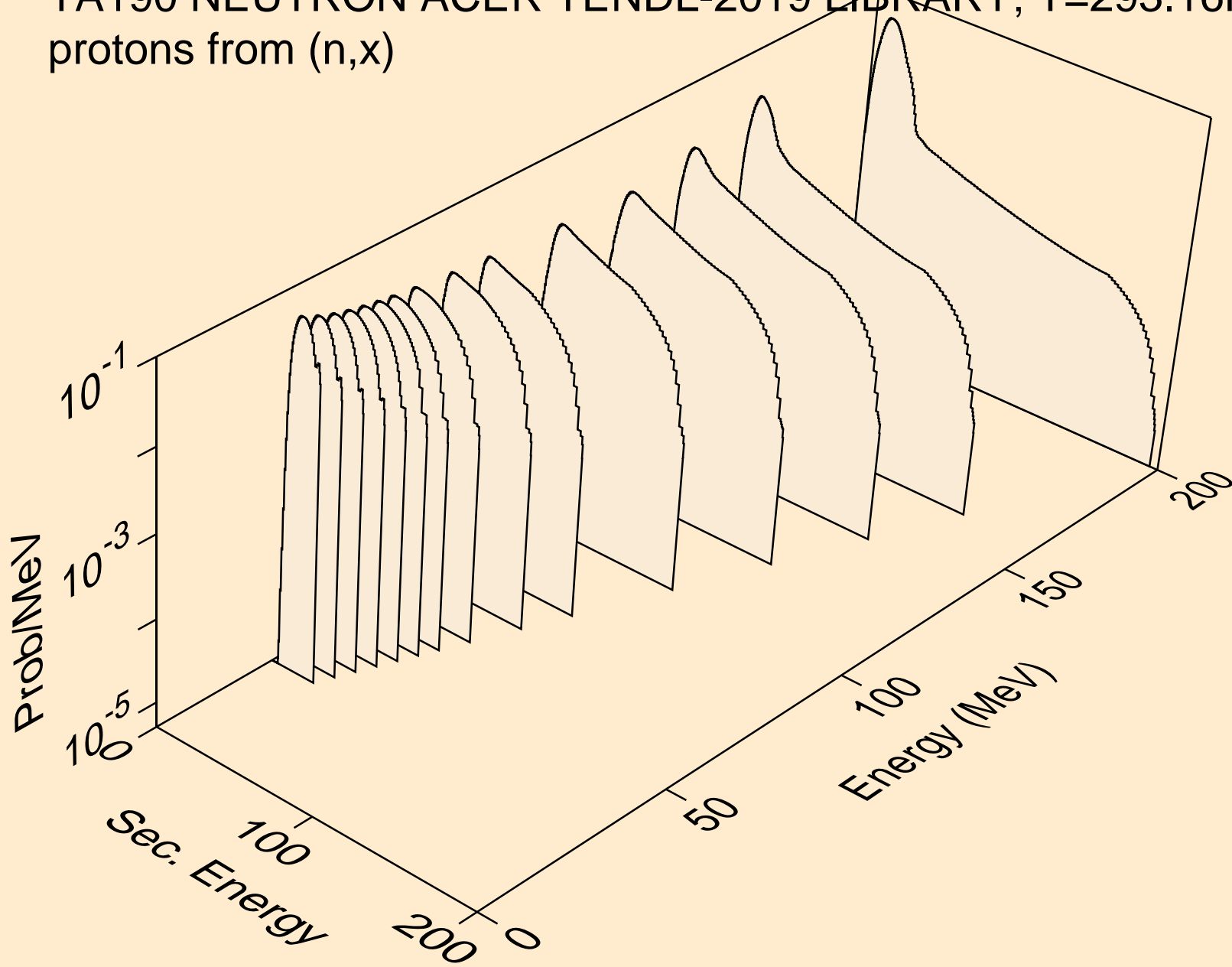
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



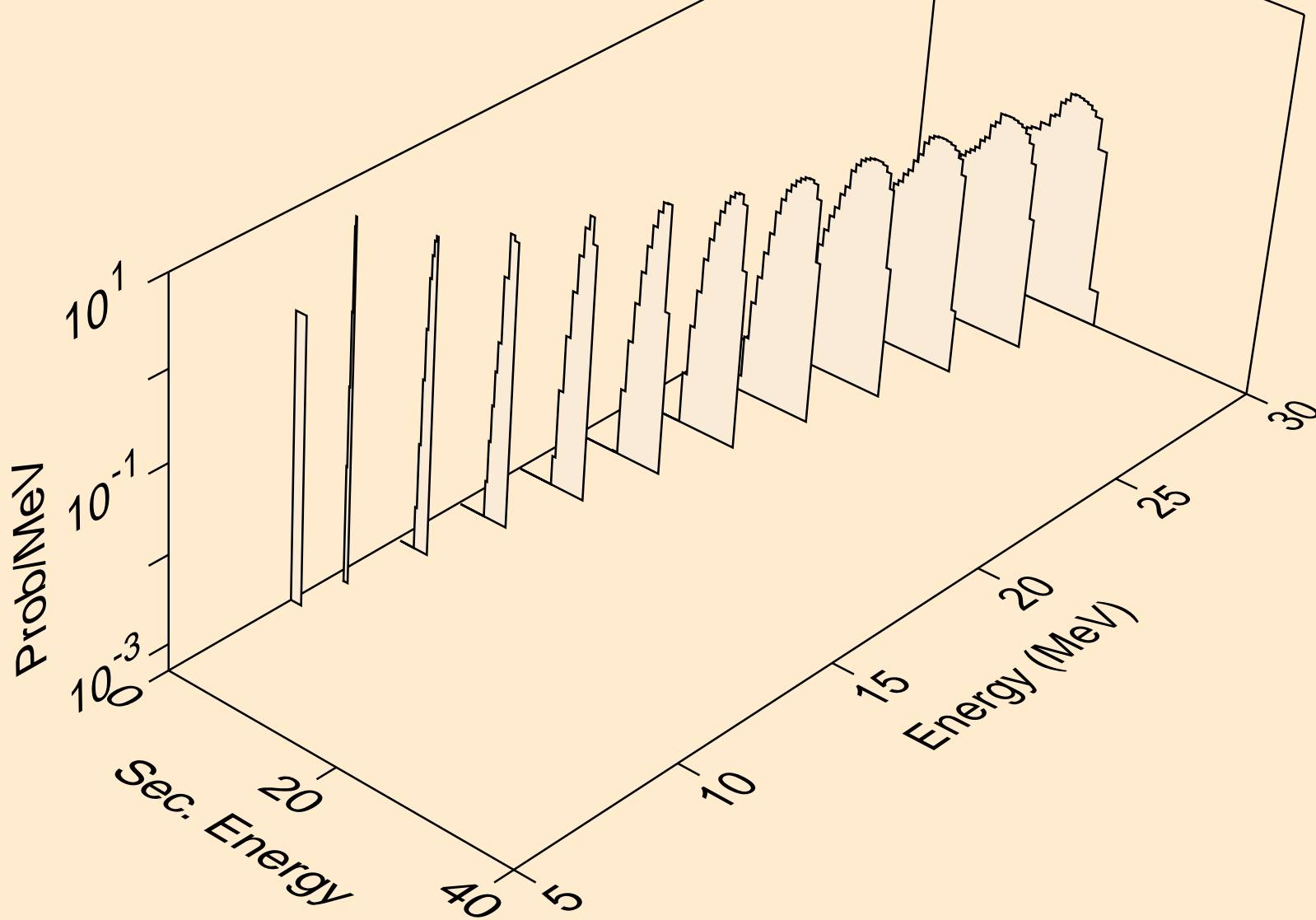
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



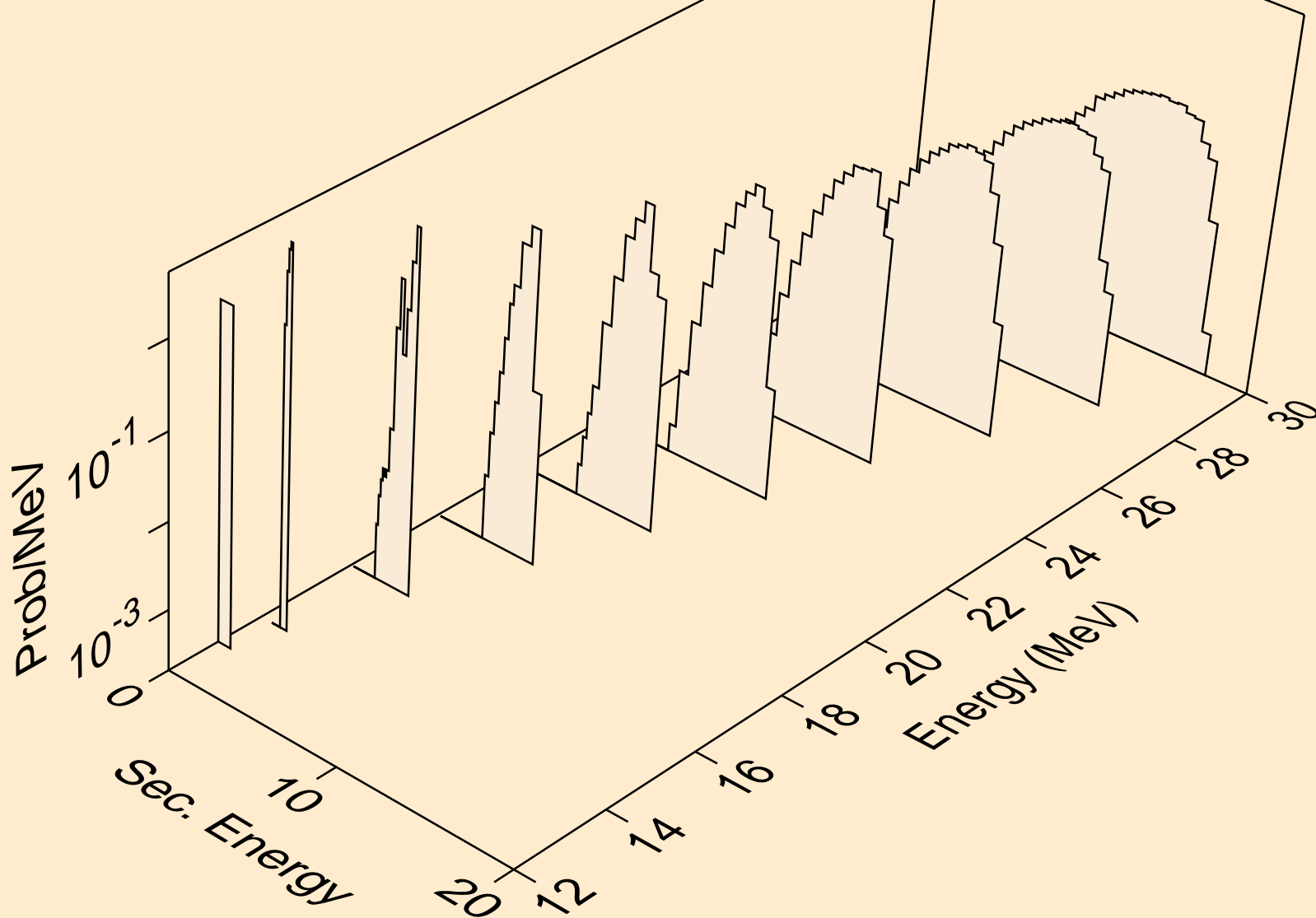
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



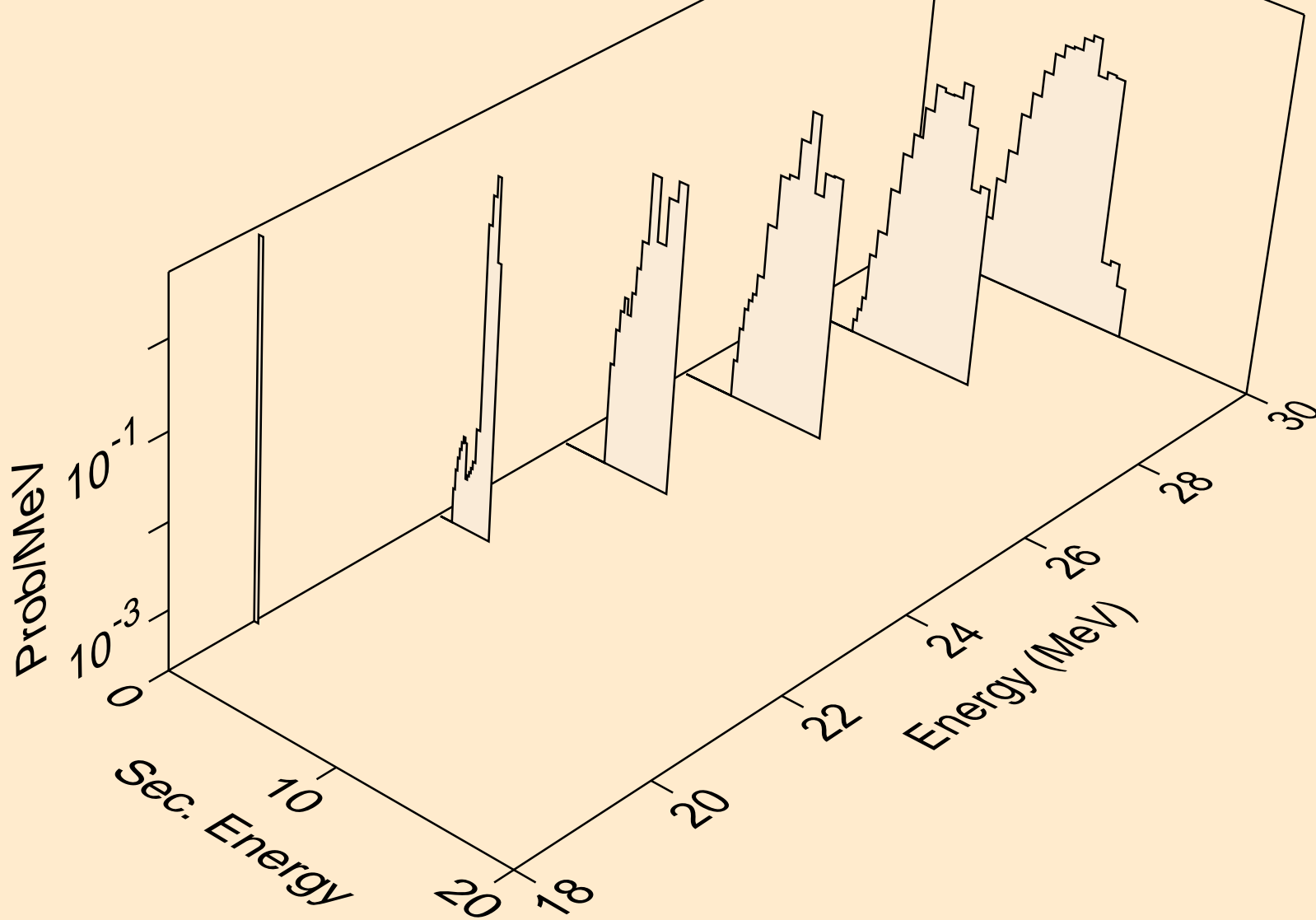
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



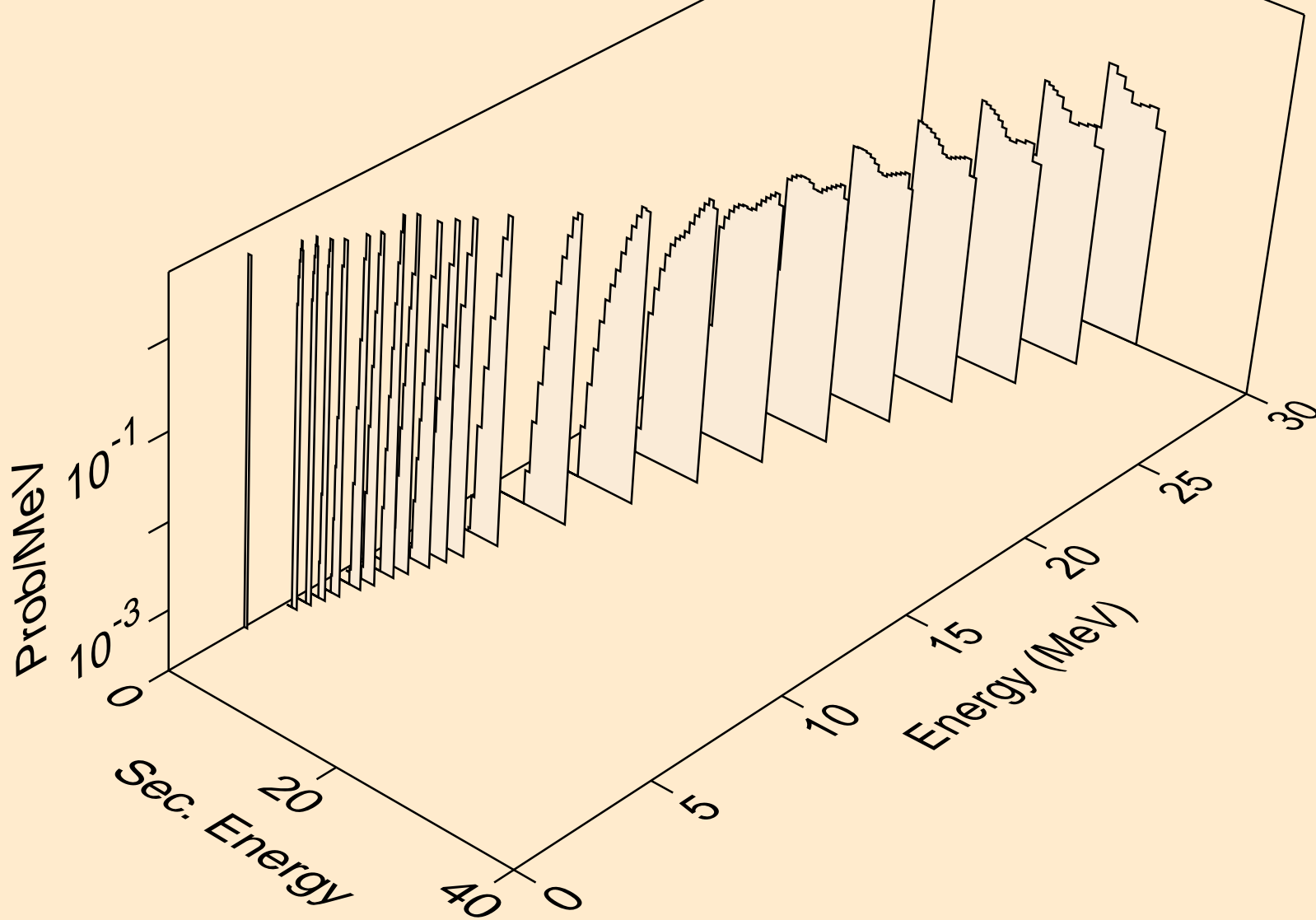
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protons from (n,2np)



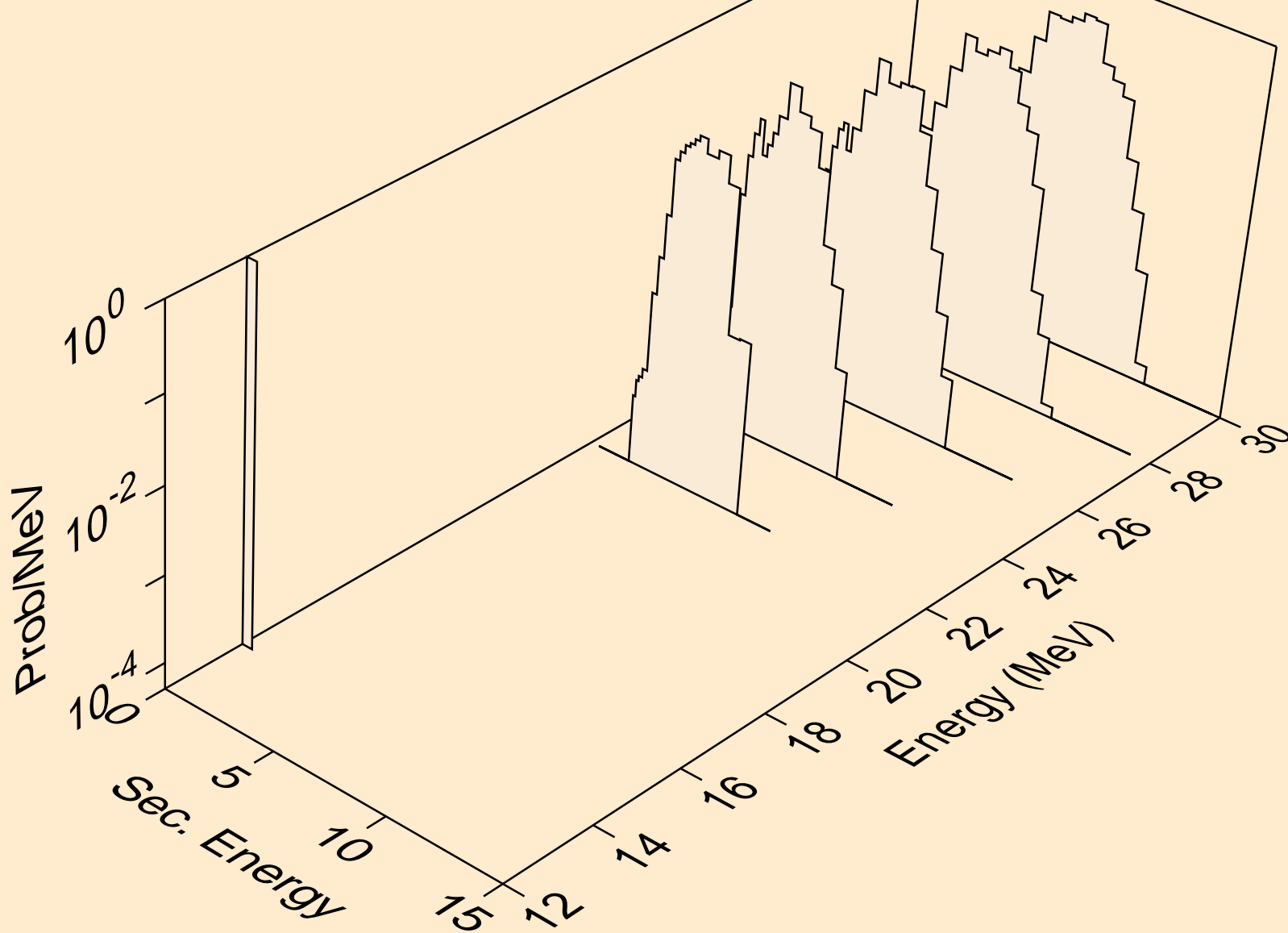
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



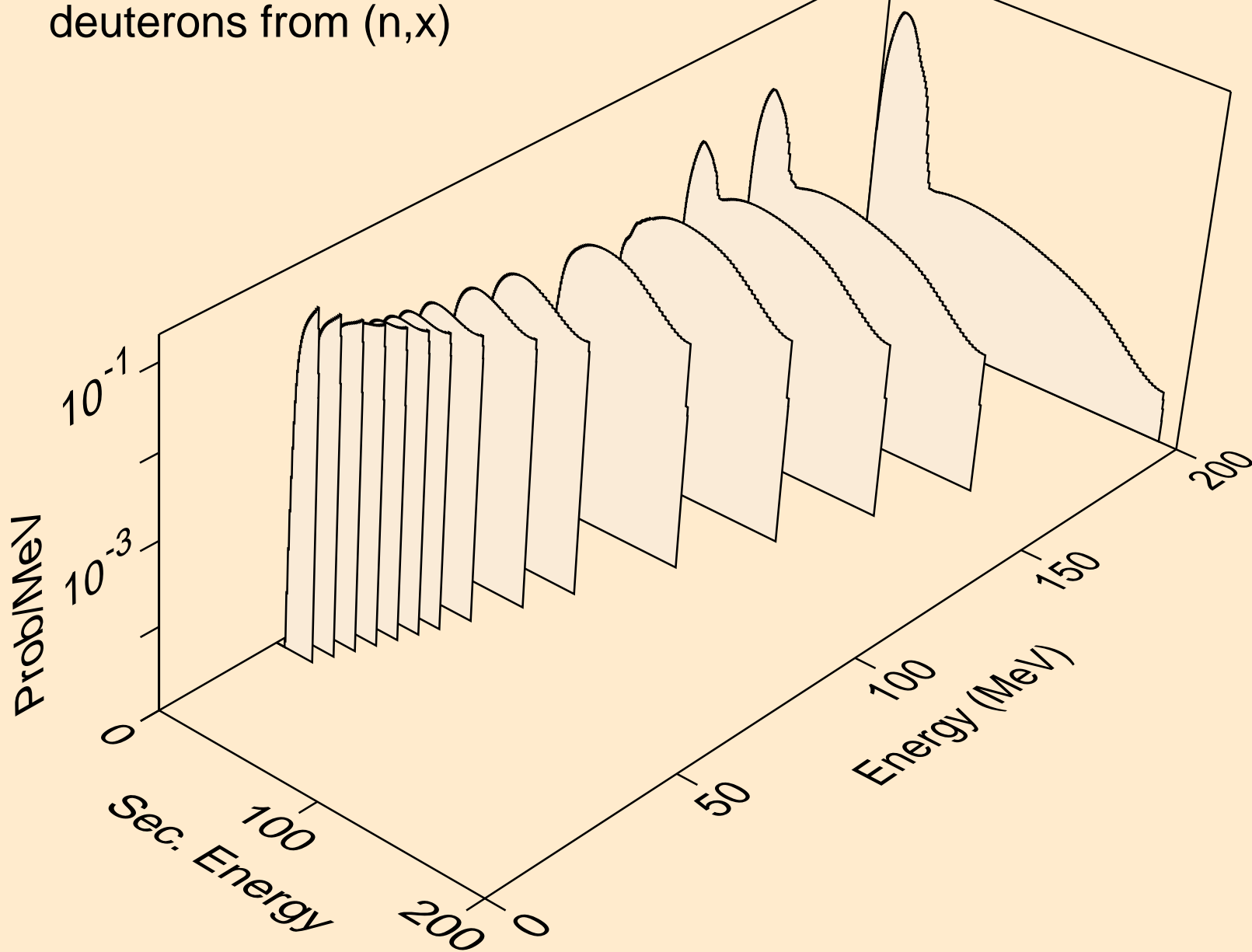
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



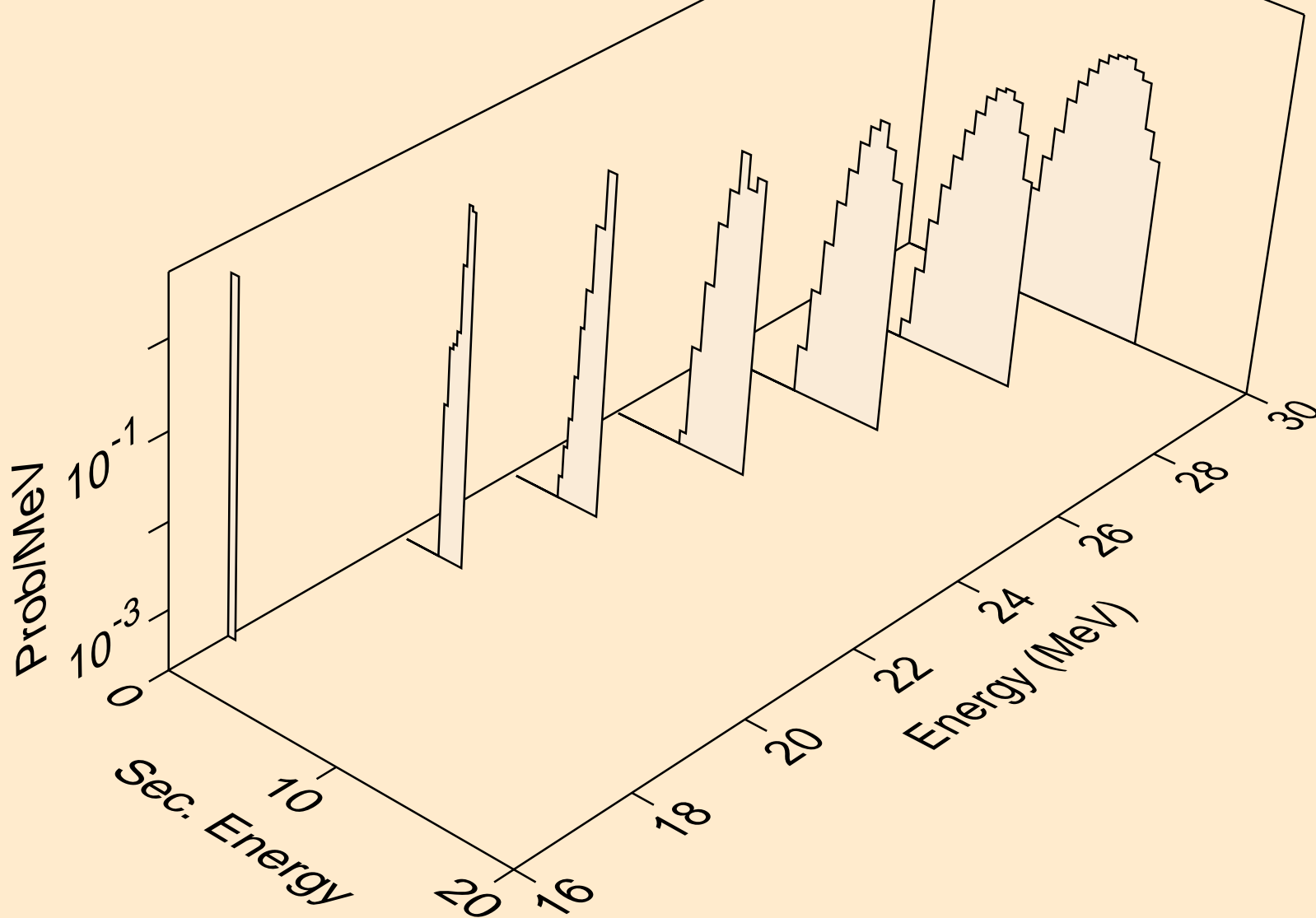
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



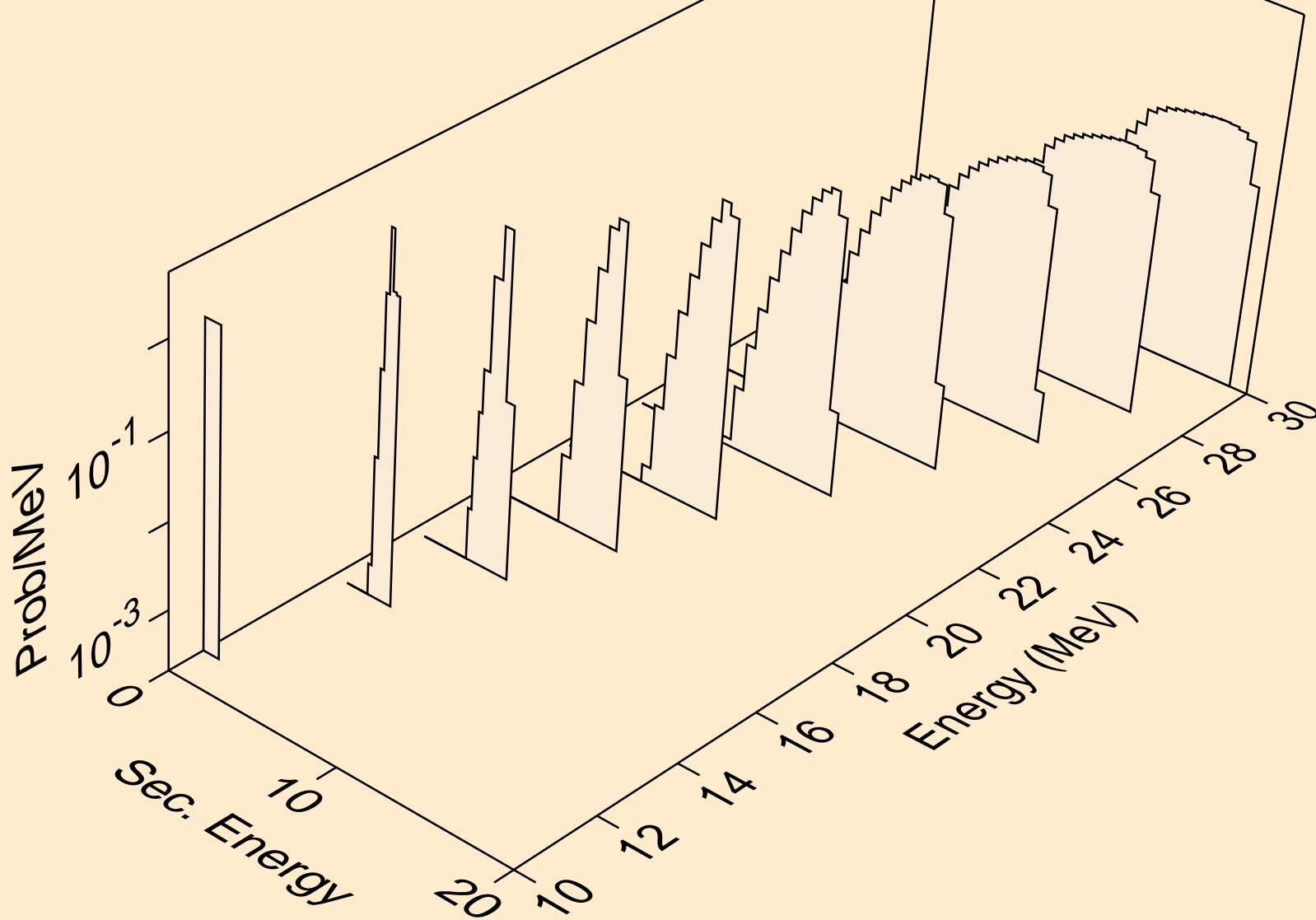
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



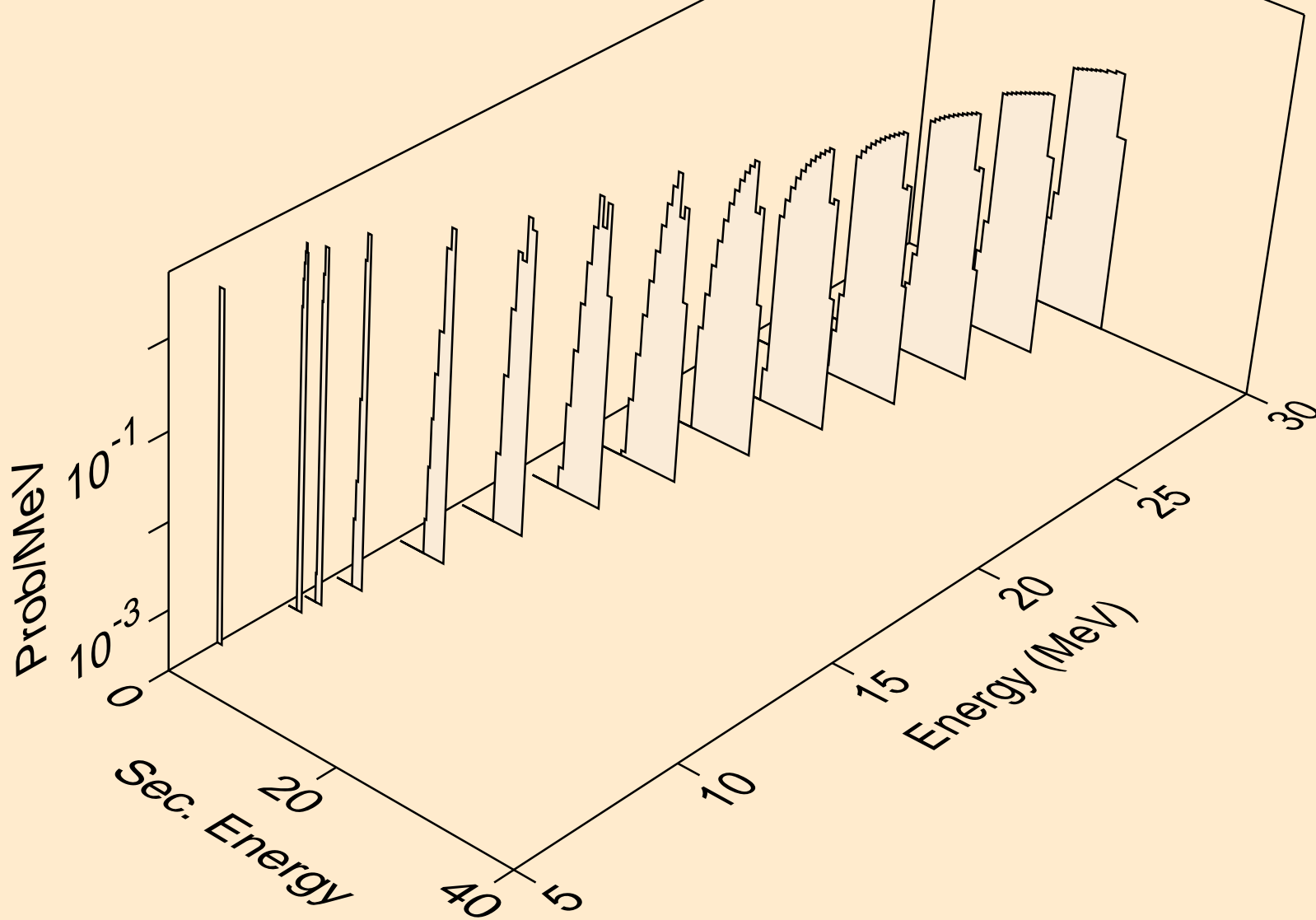
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deuterons from (n,2nd)



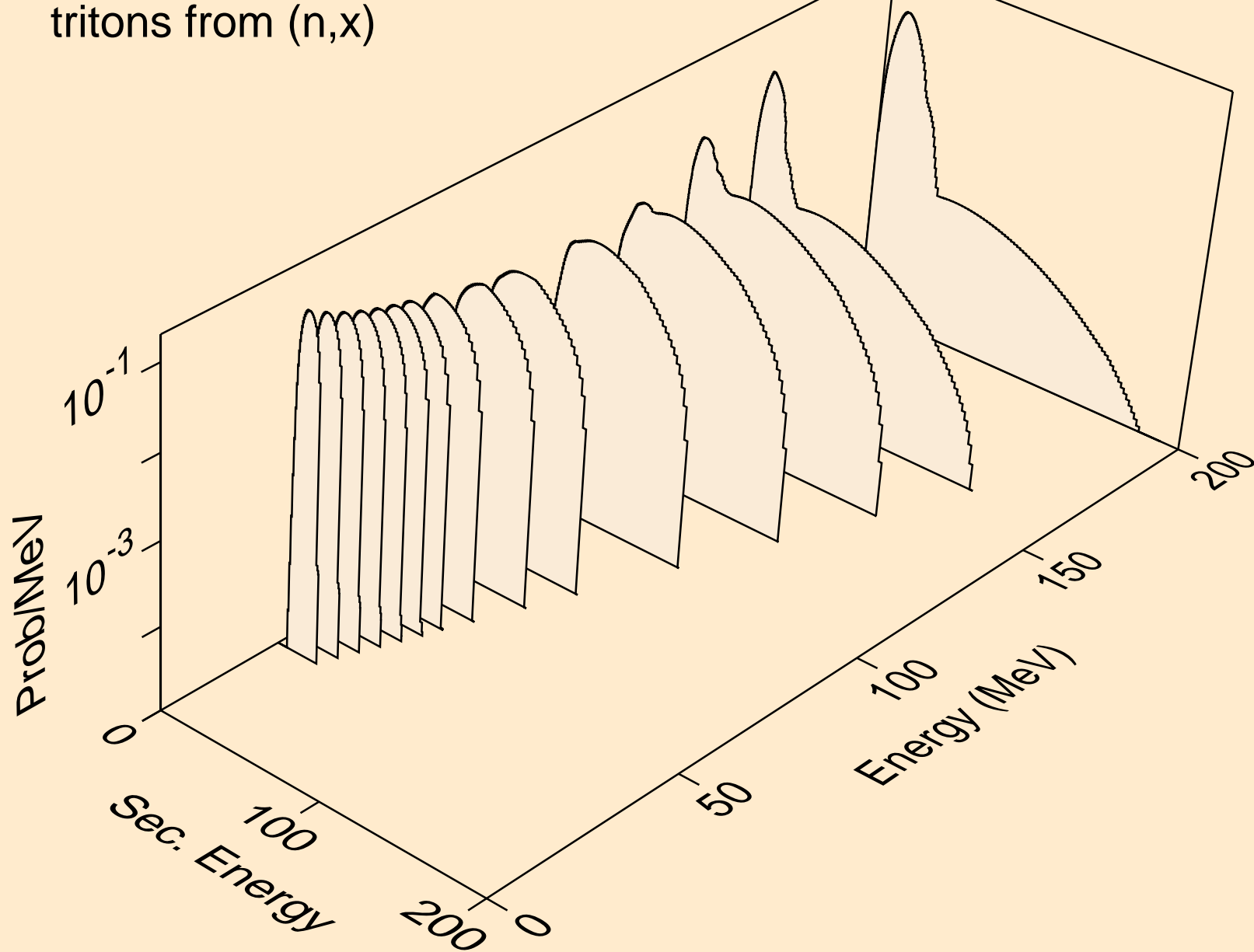
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



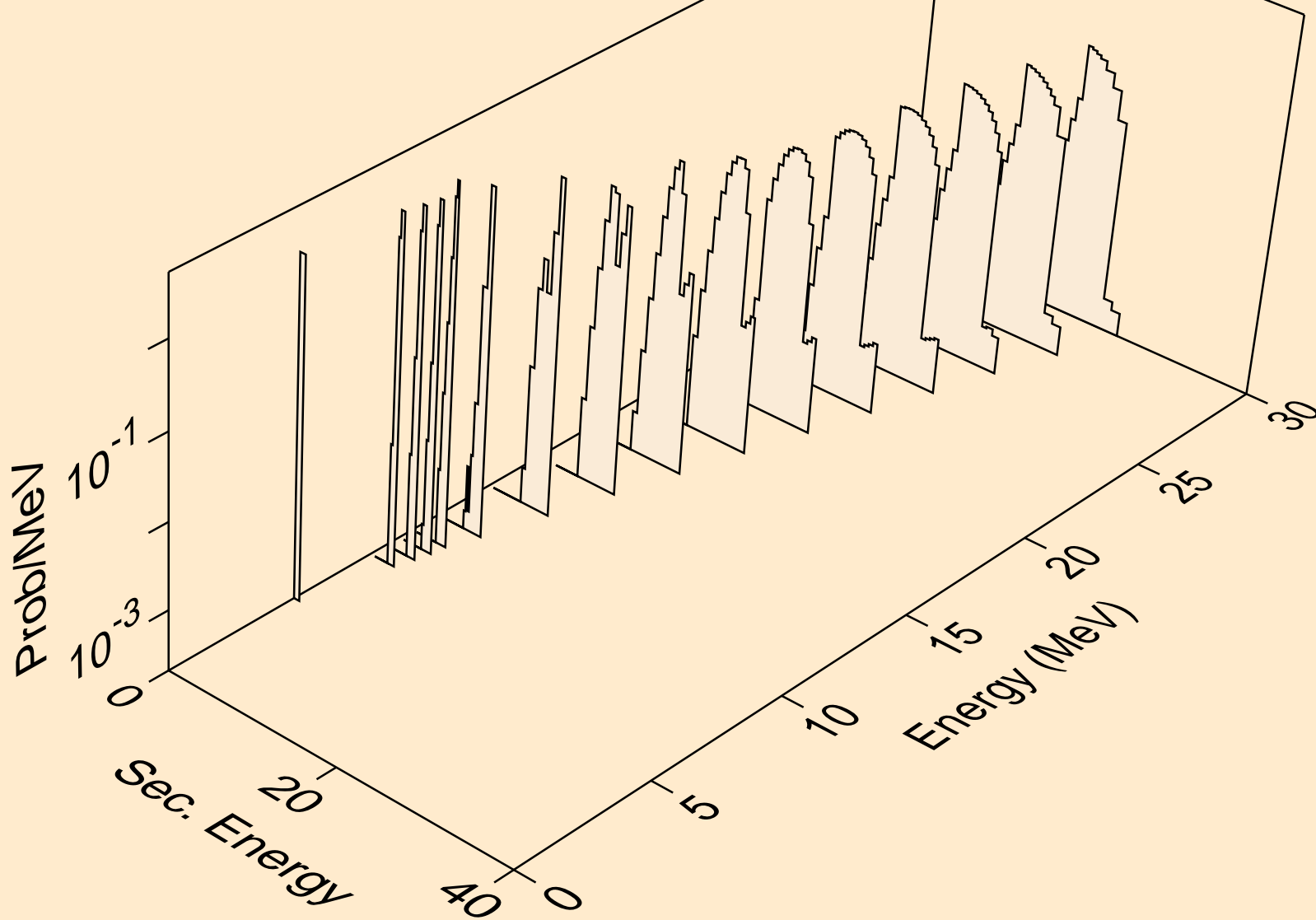
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deuterons from (n,d)



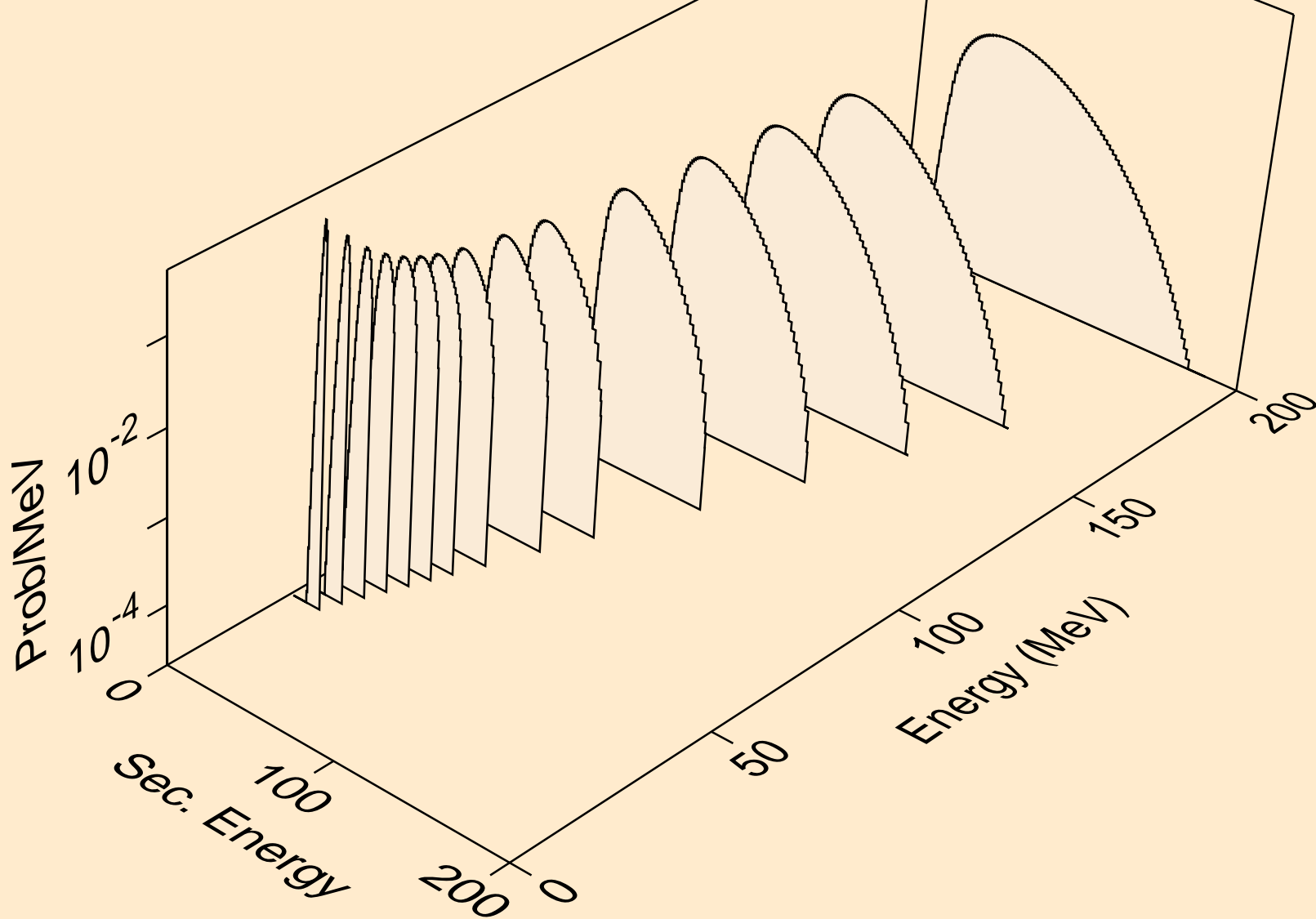
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



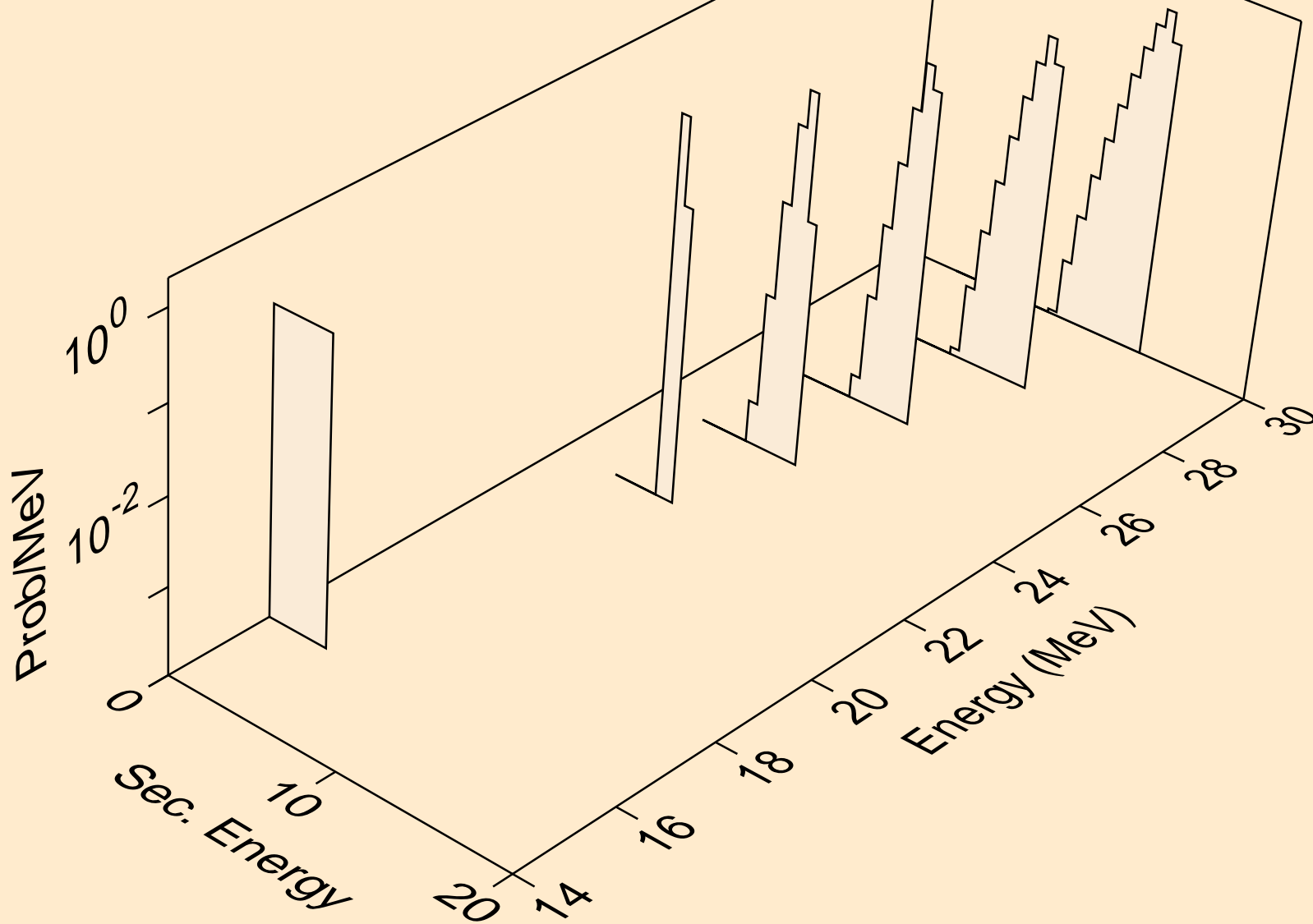
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



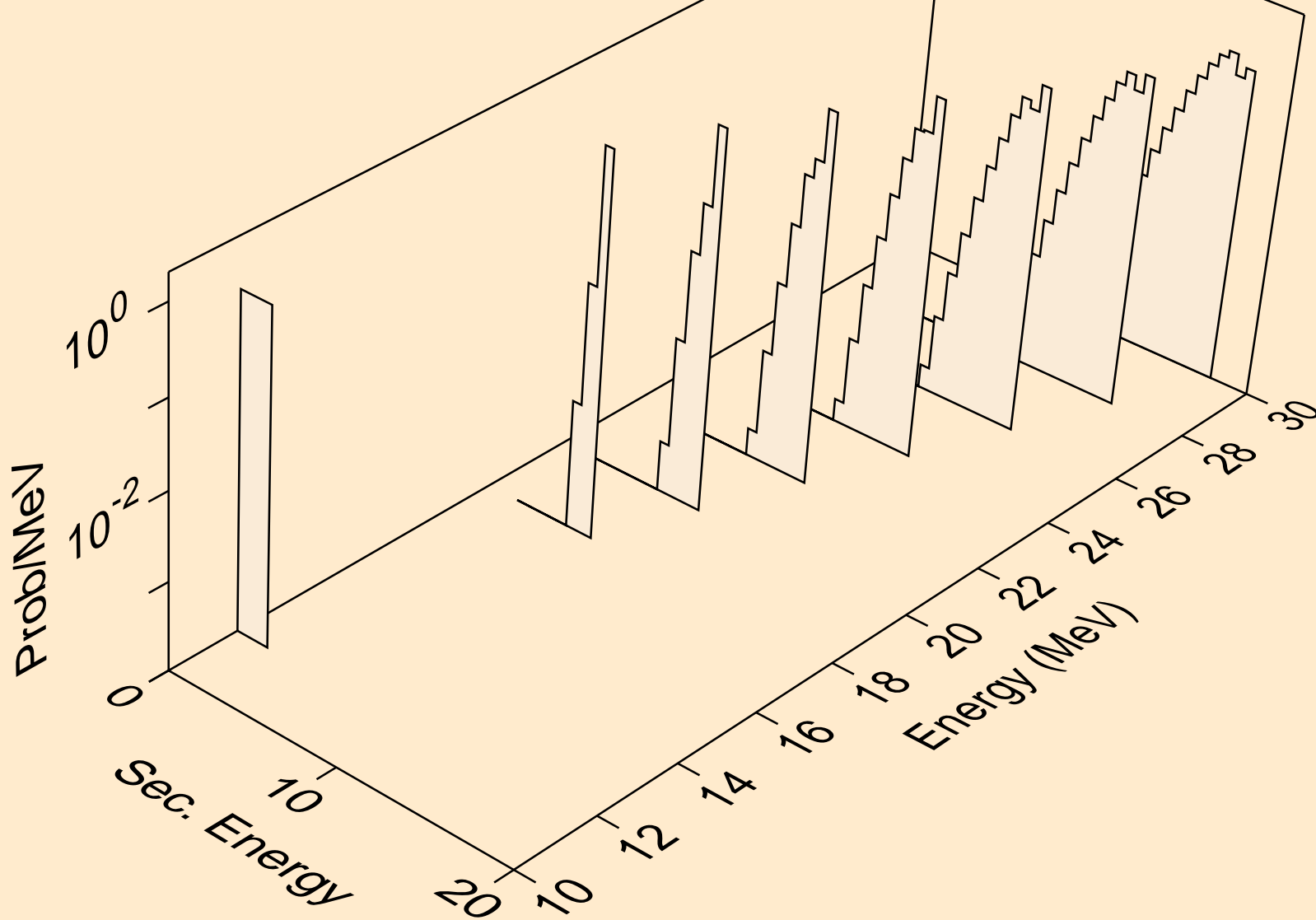
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



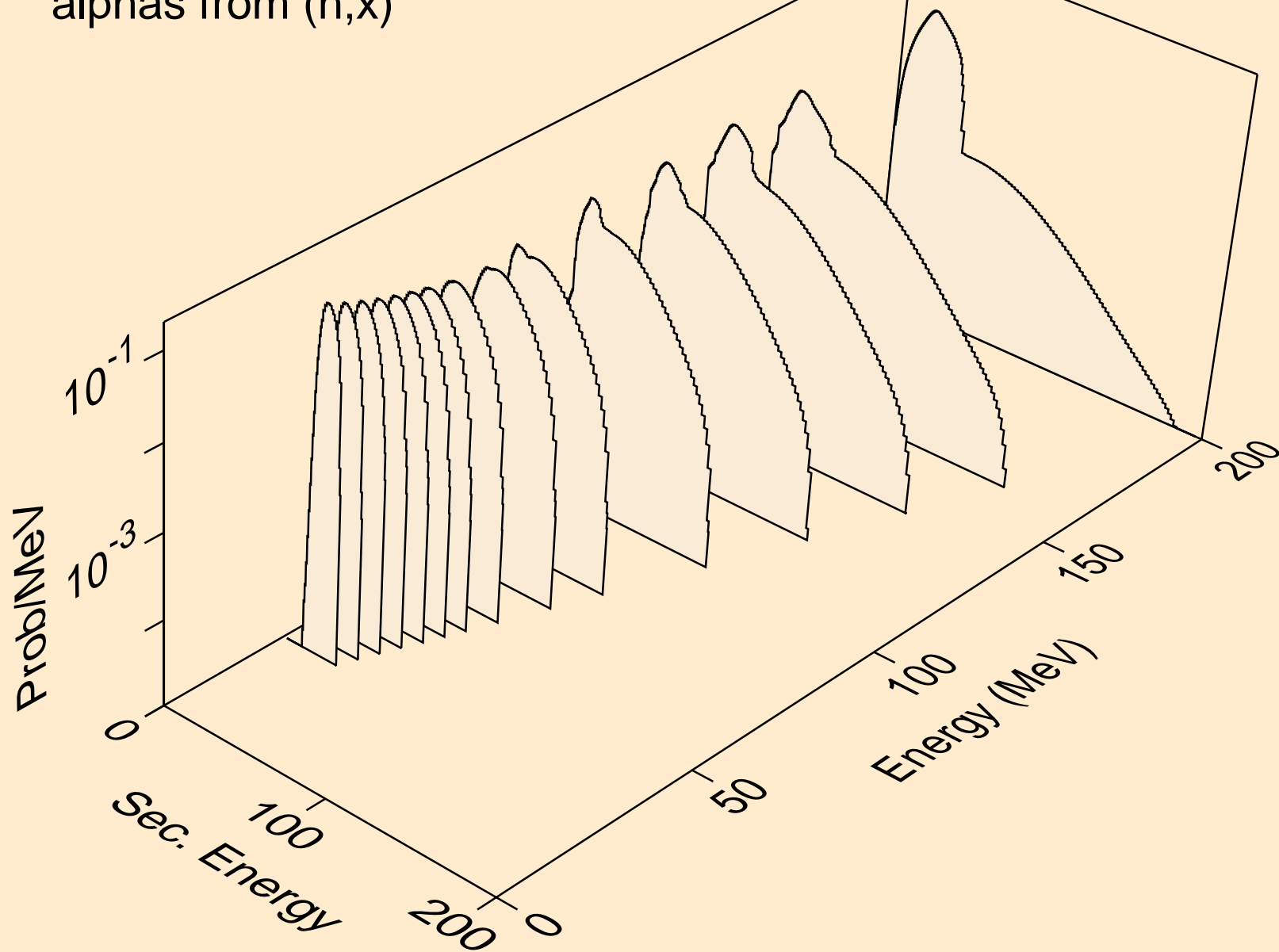
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he3s from (n,n*)he3



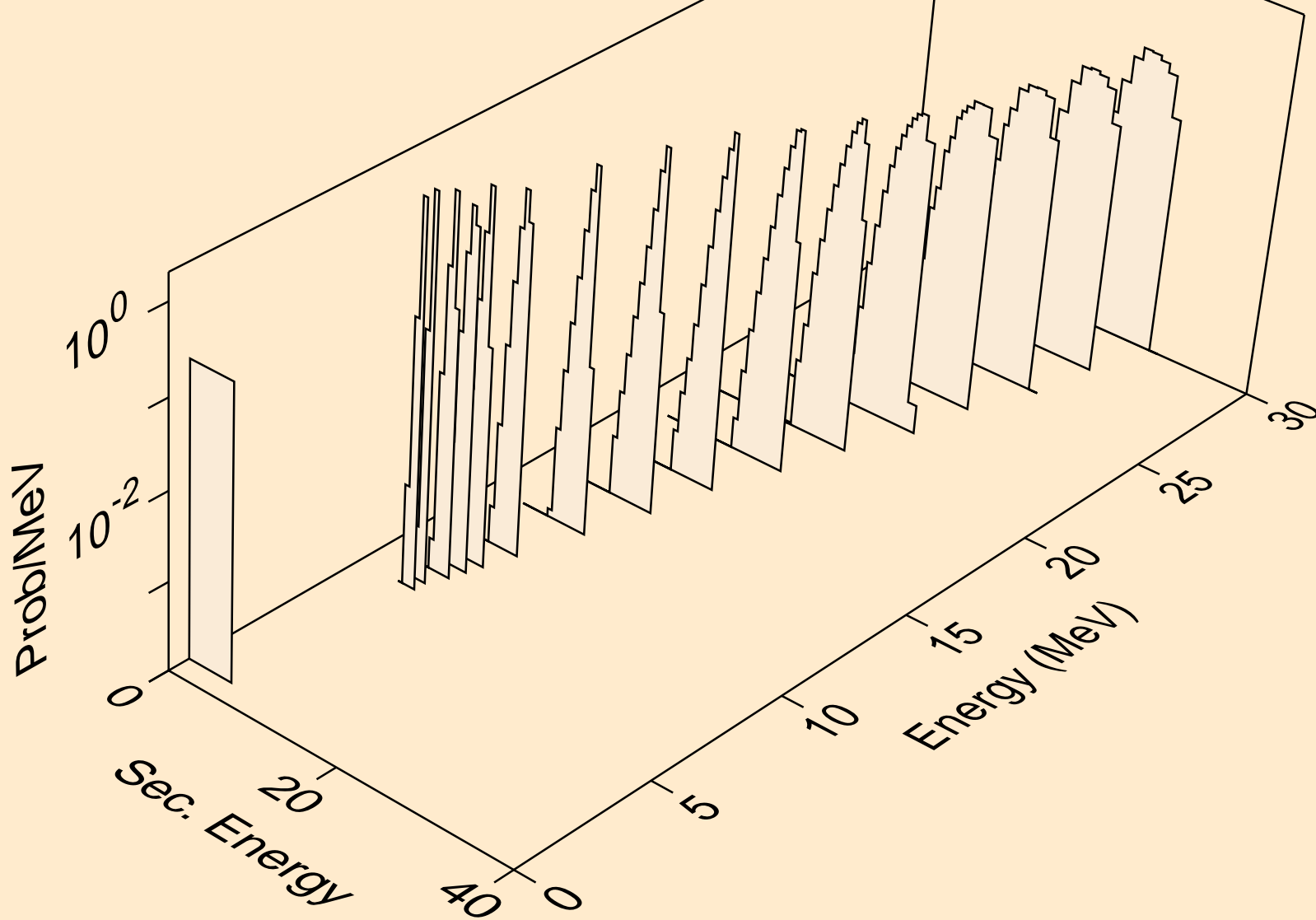
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he3s from (n,he3)



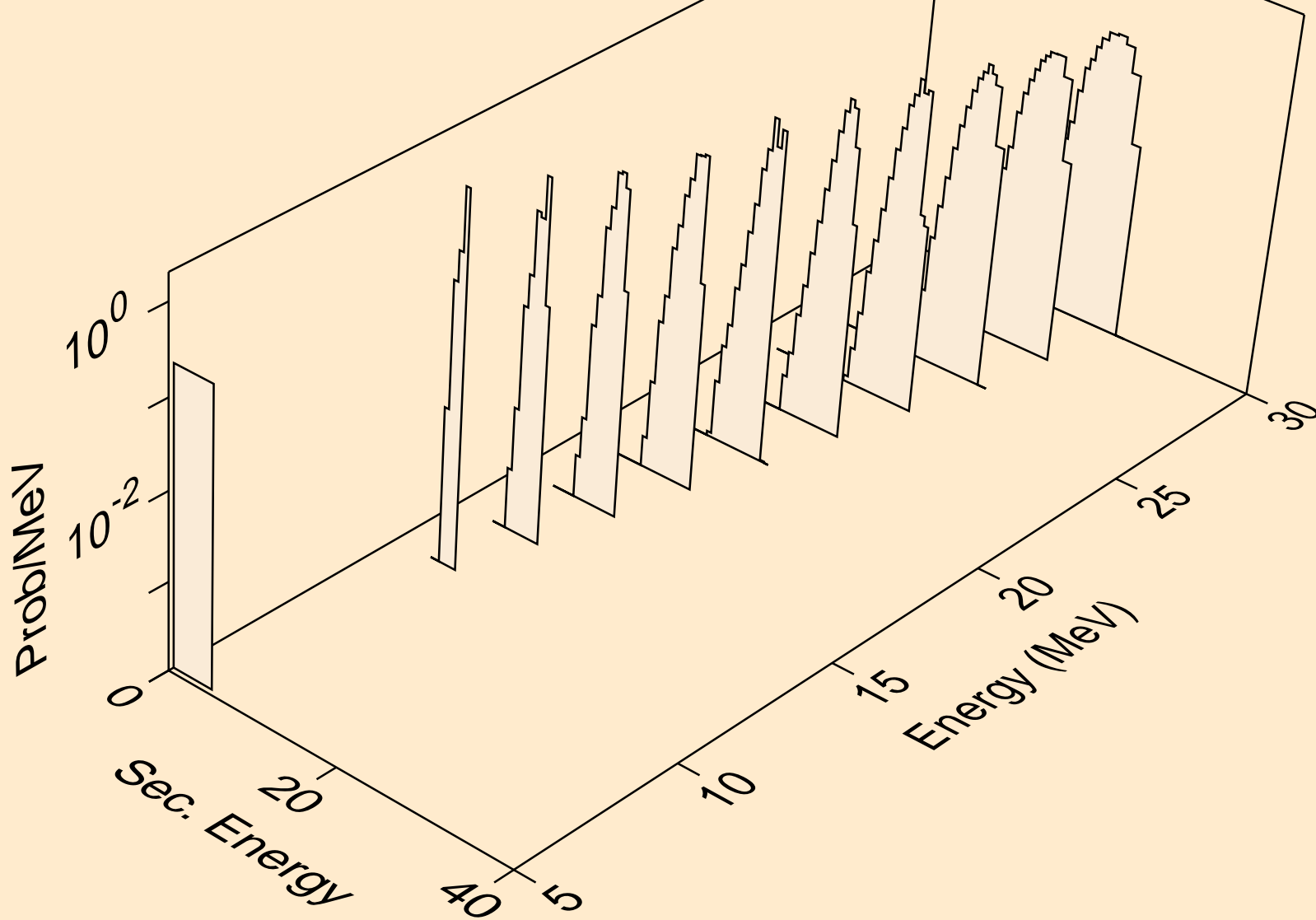
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



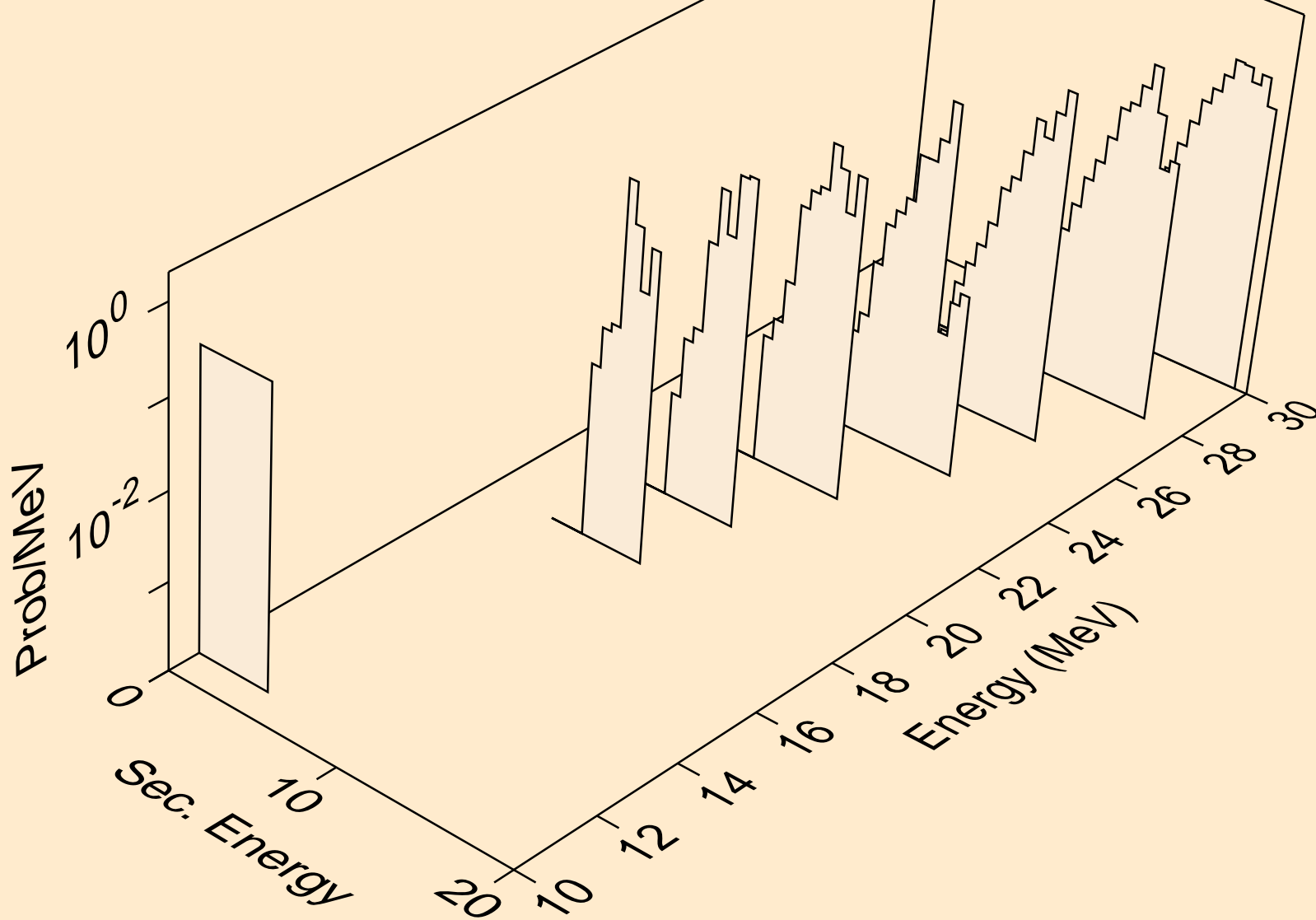
TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



TA190 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)

