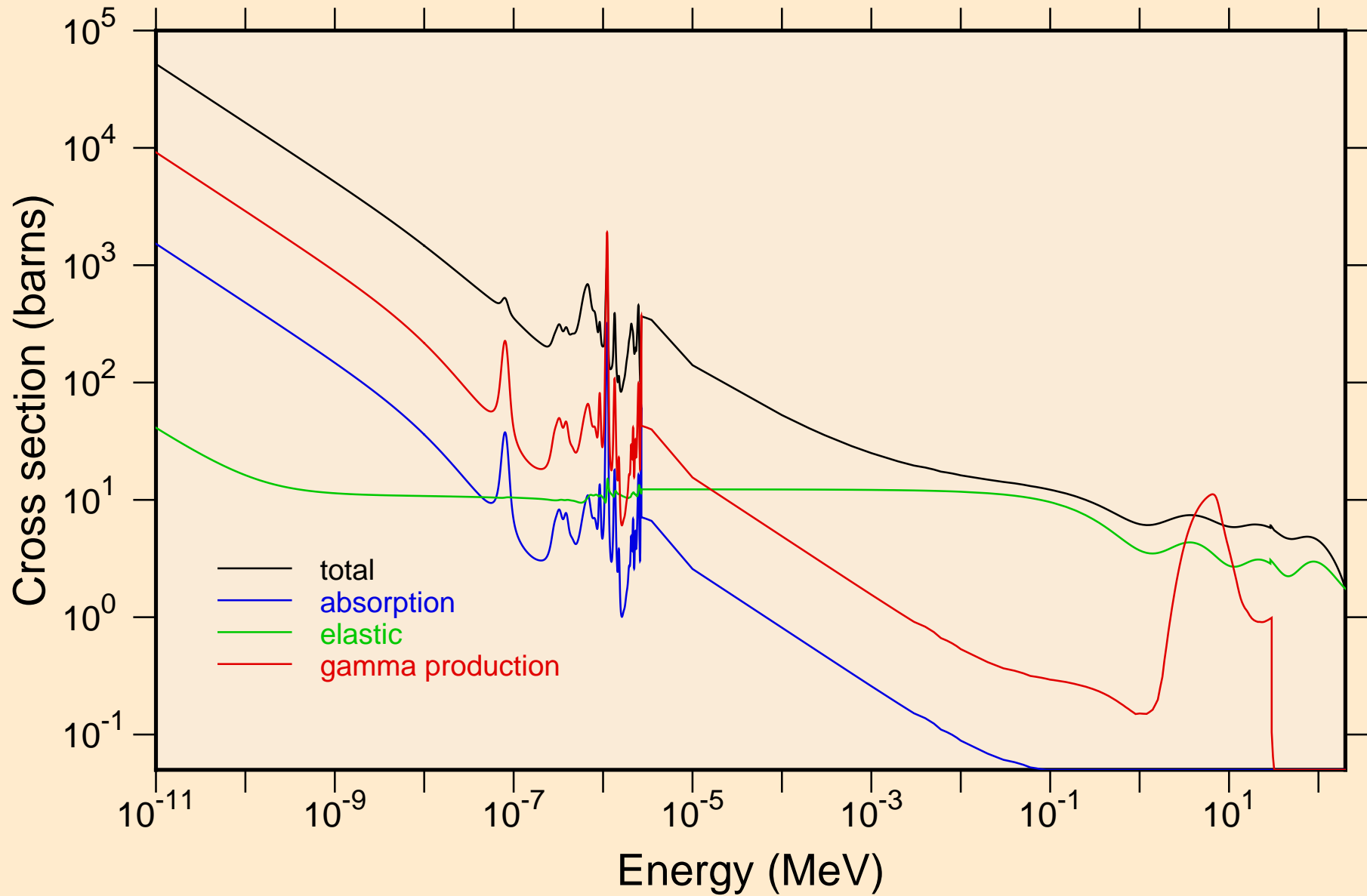
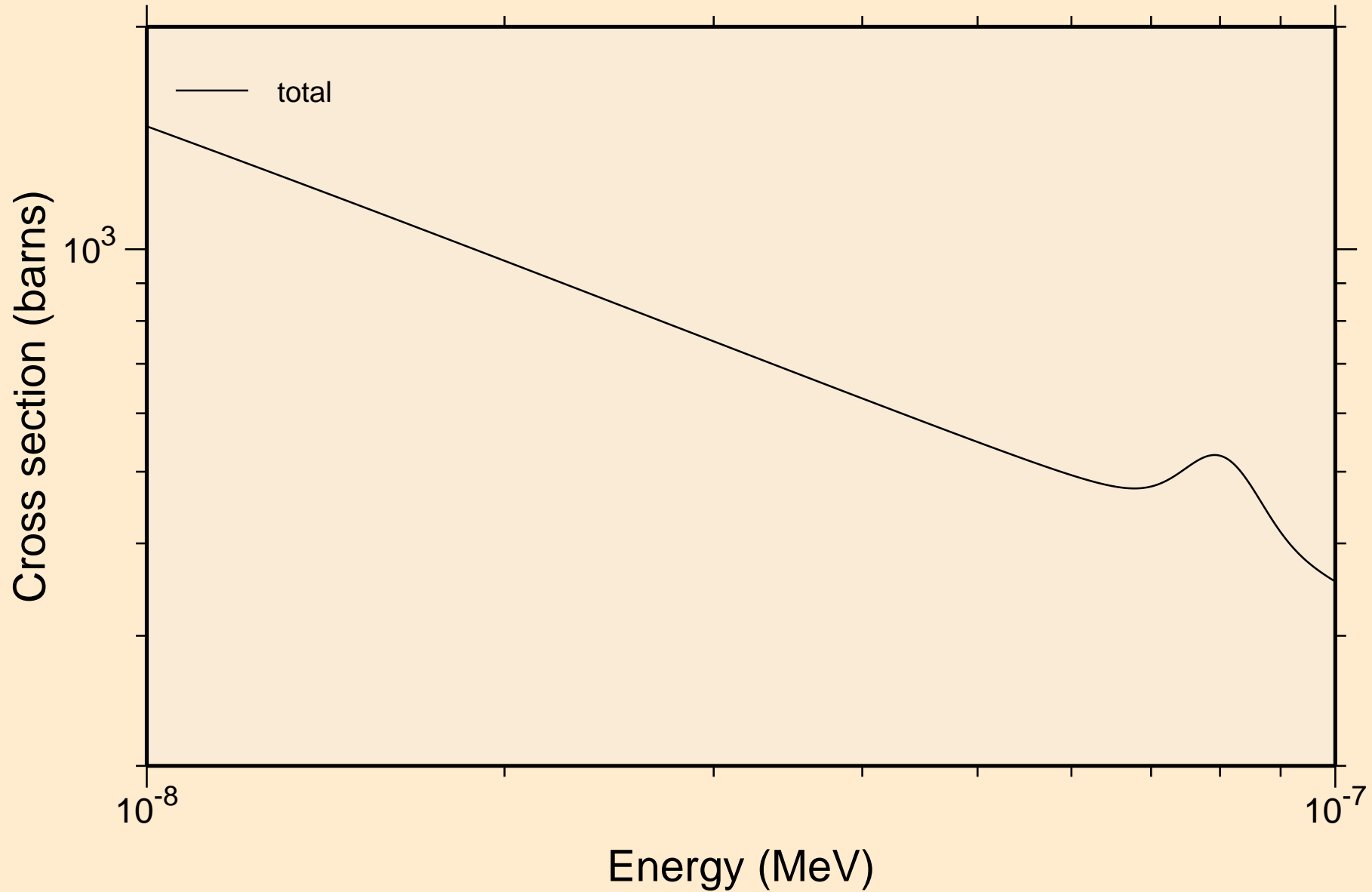


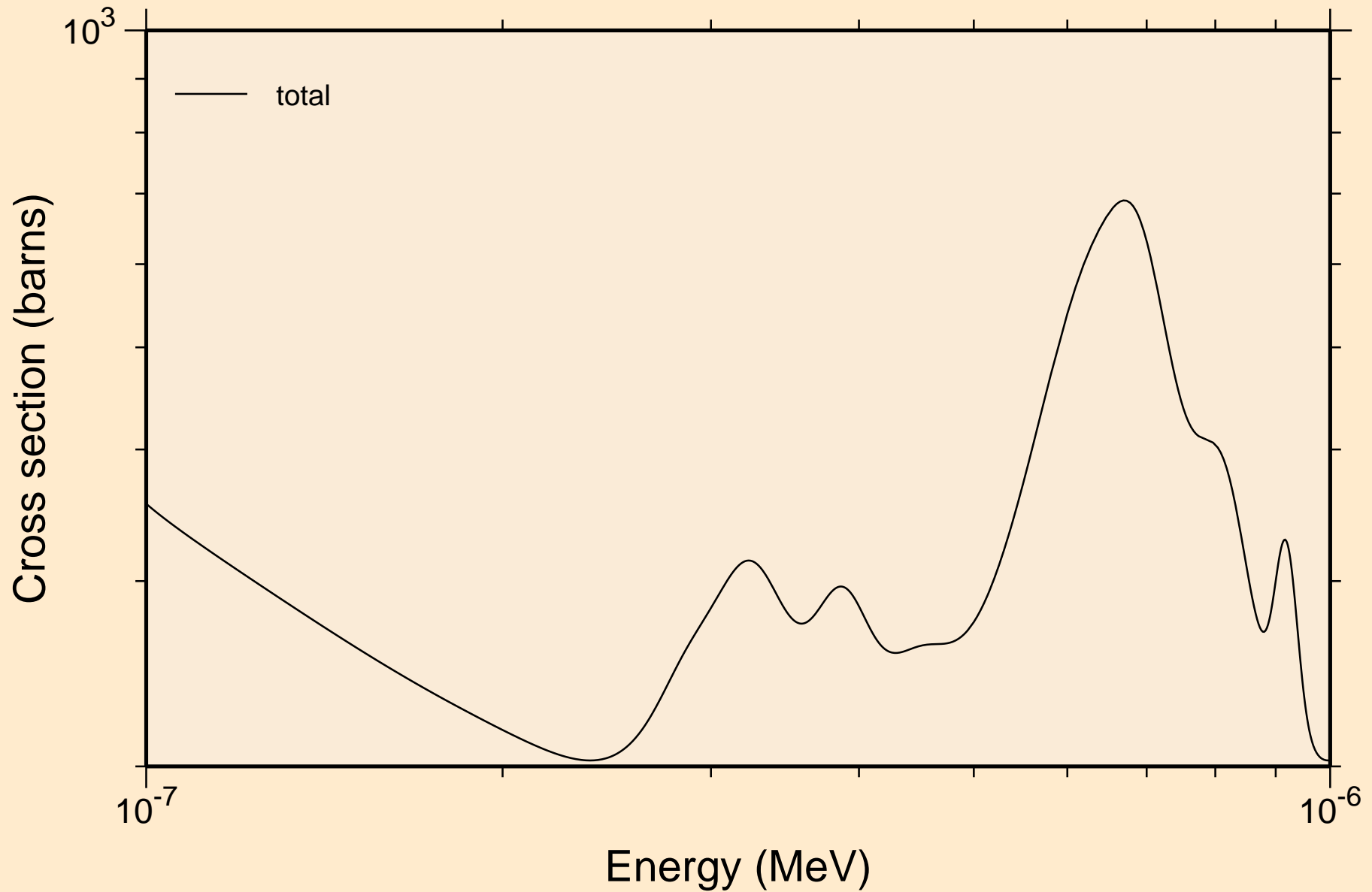
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Principal cross sections



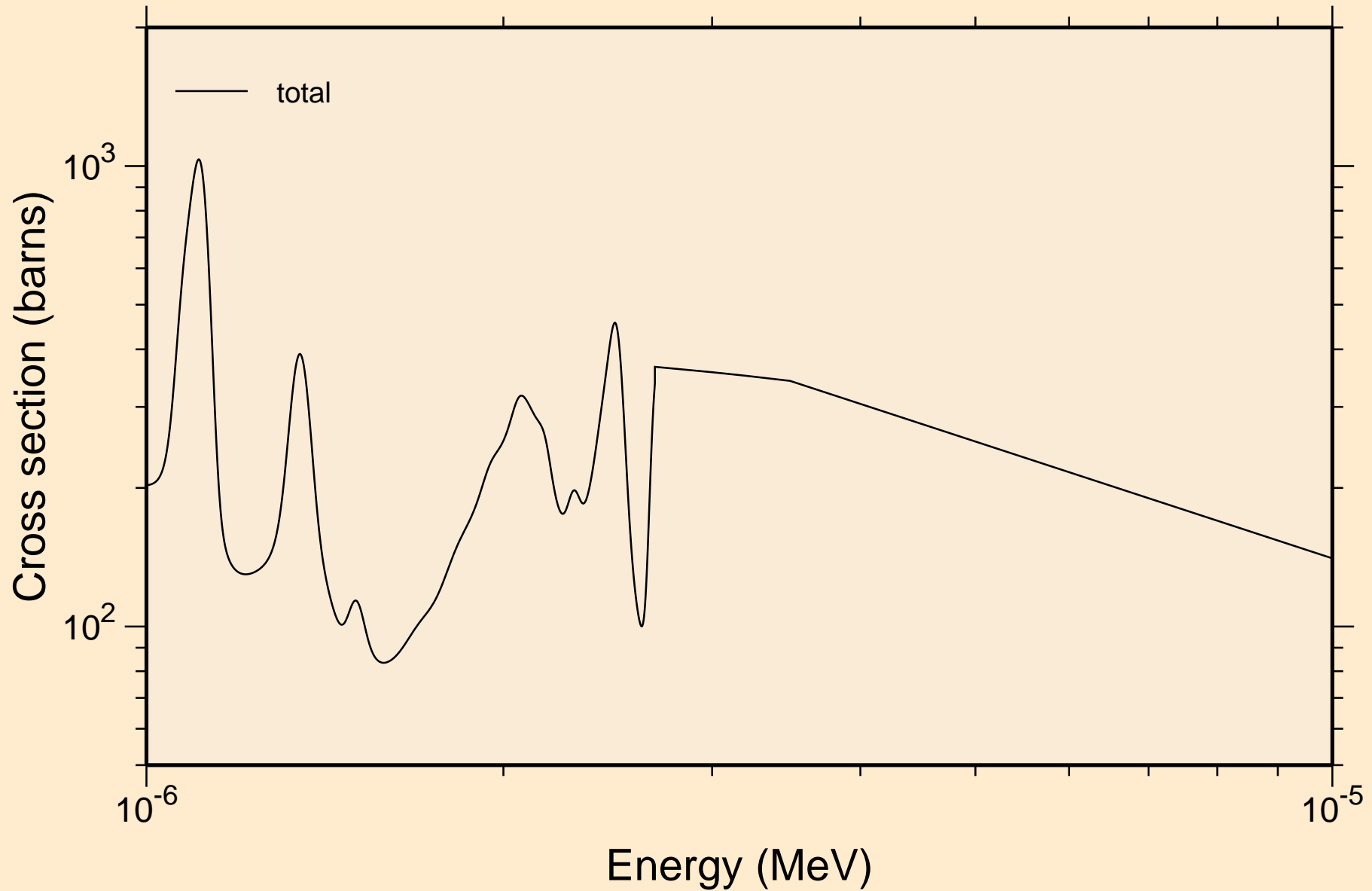
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resonance total cross section



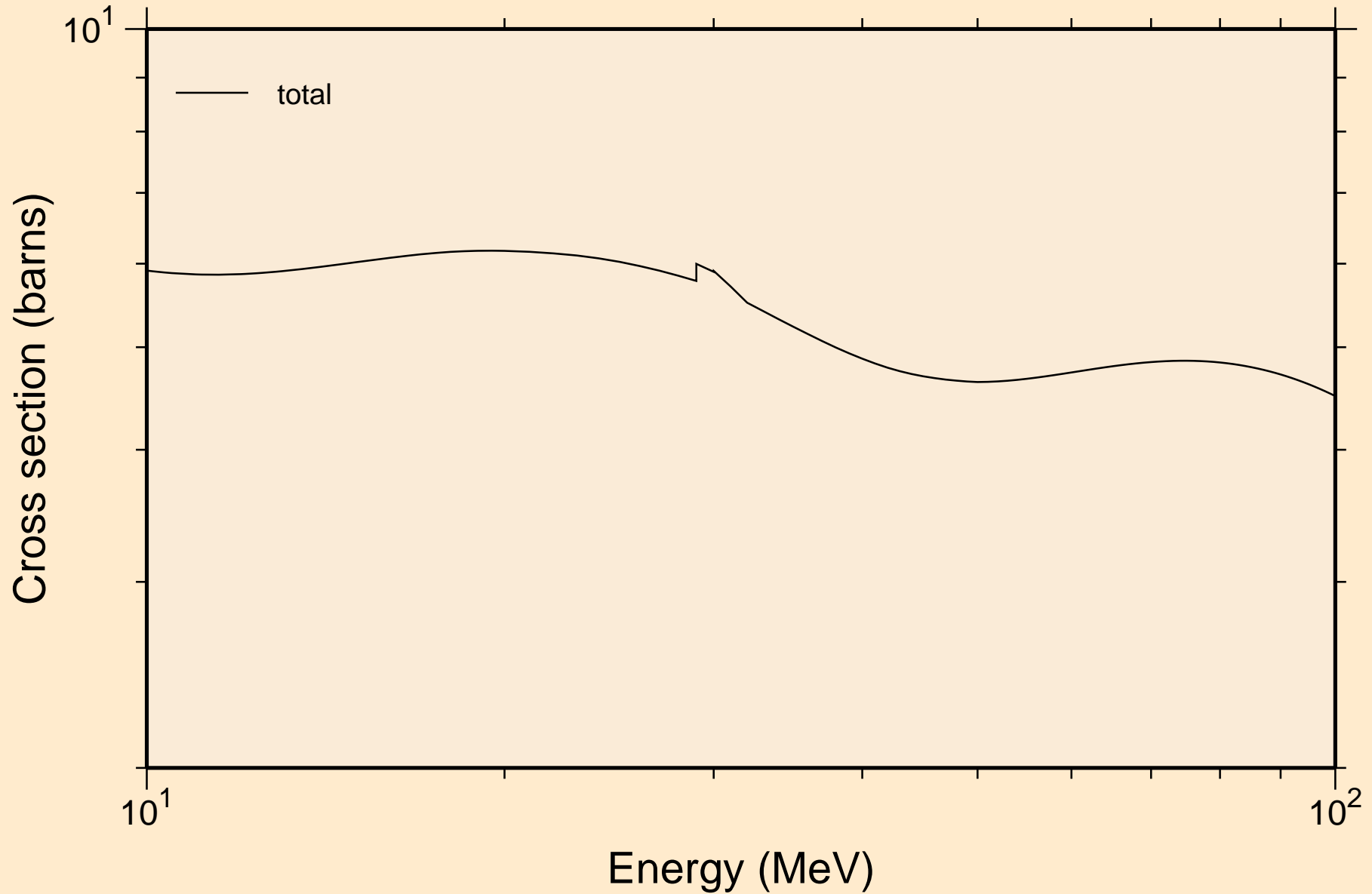
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resonance total cross section



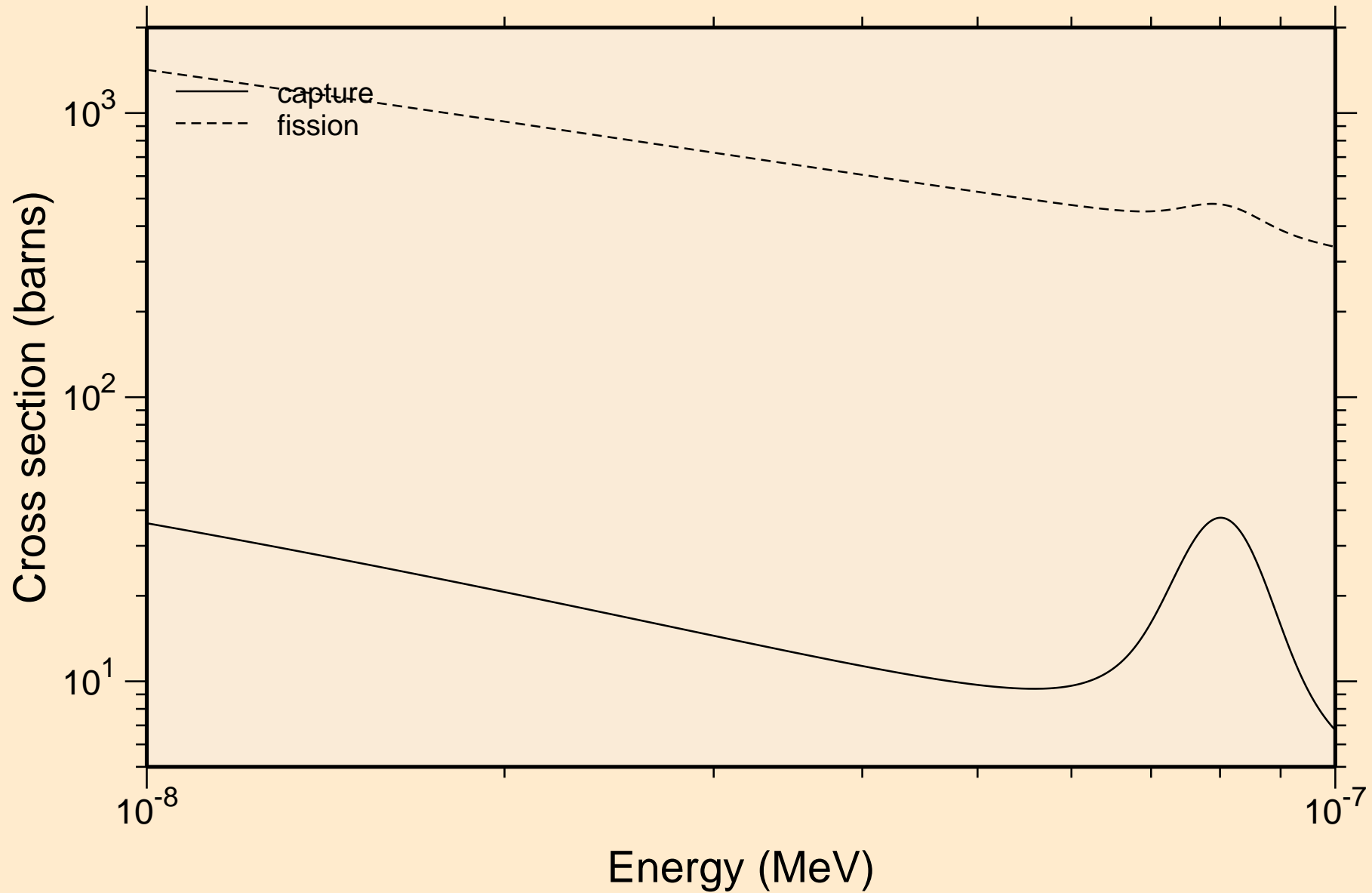
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resonance total cross section



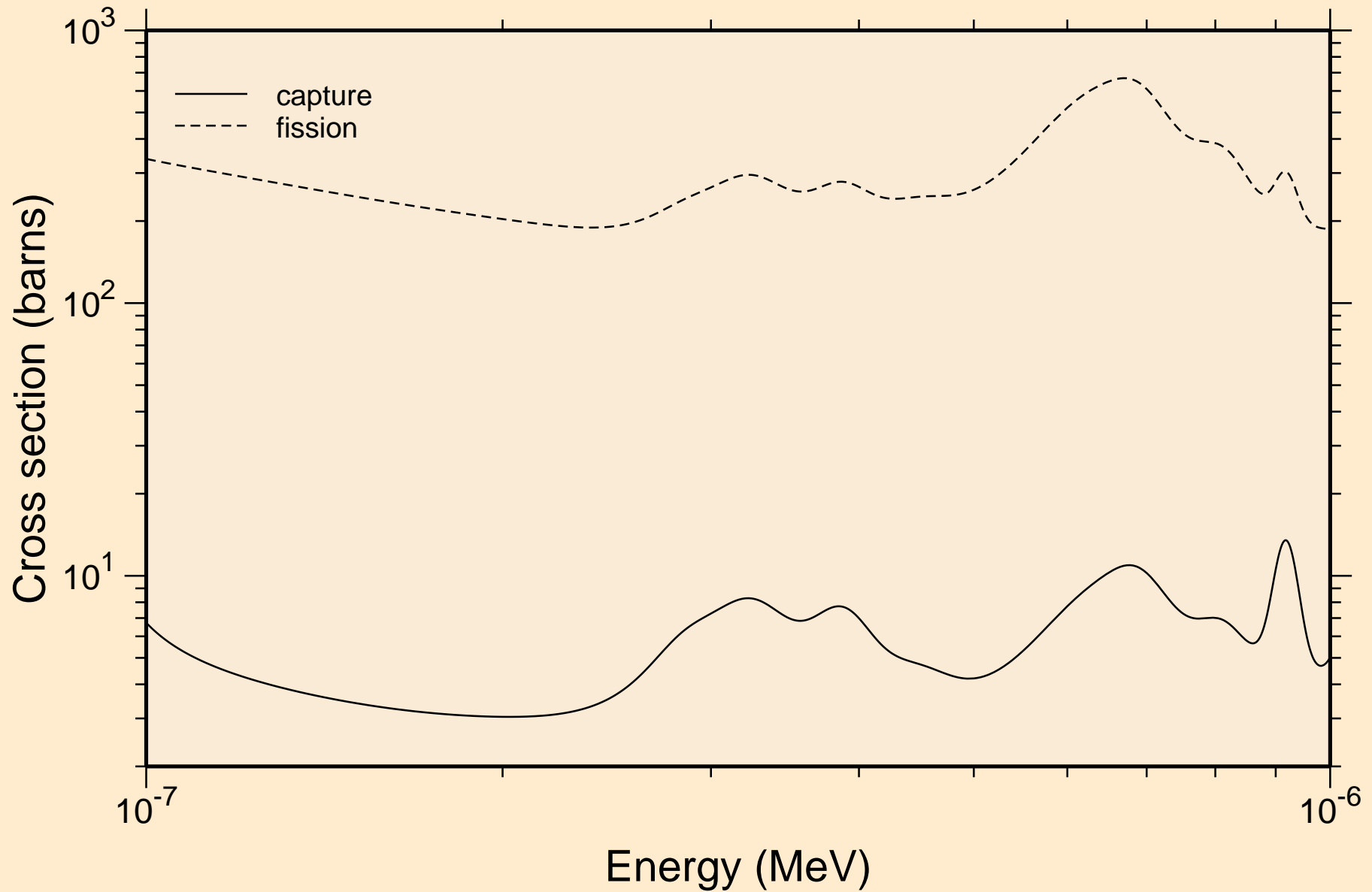
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resonance total cross section



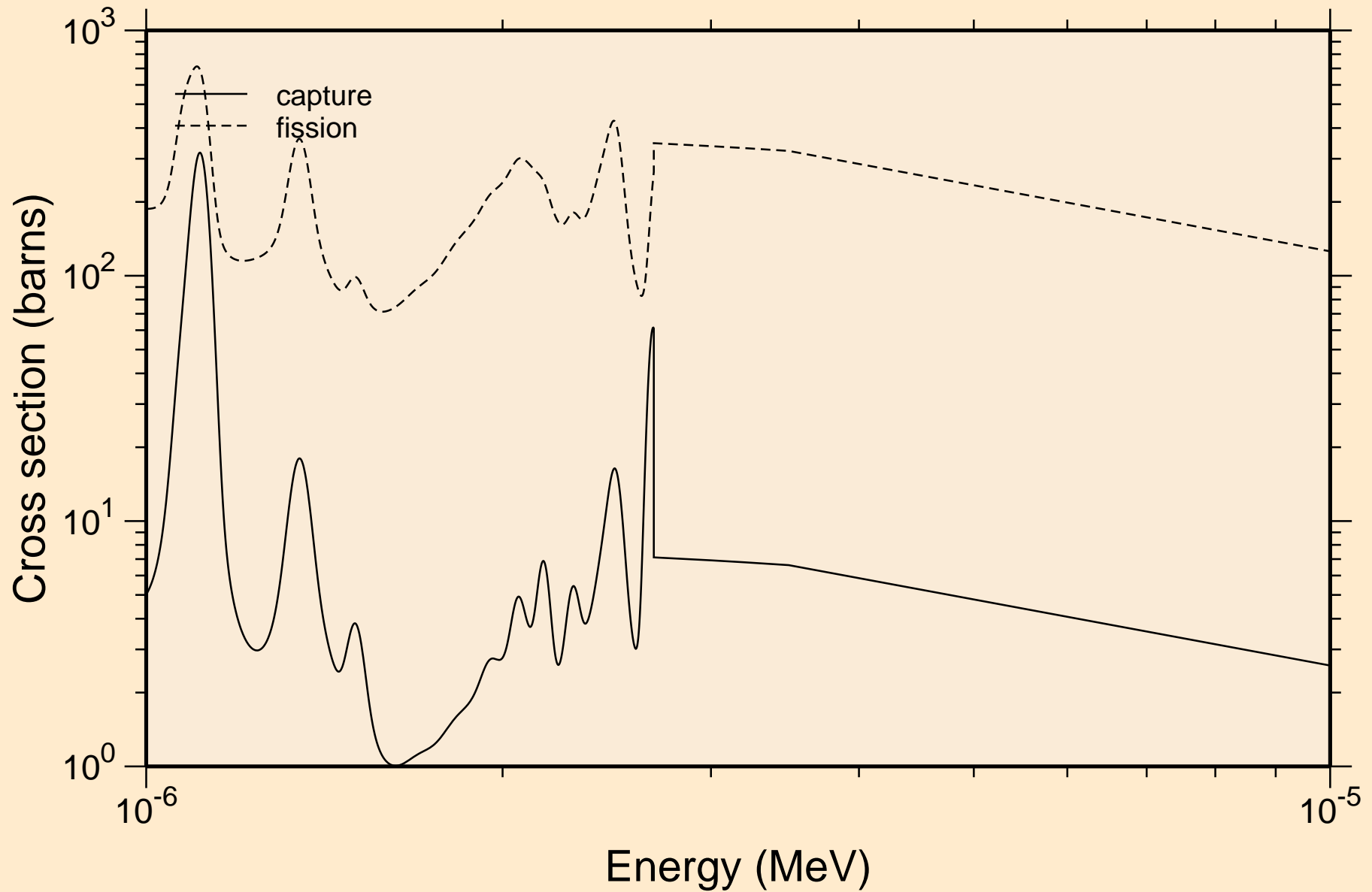
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resonance absorption cross sections



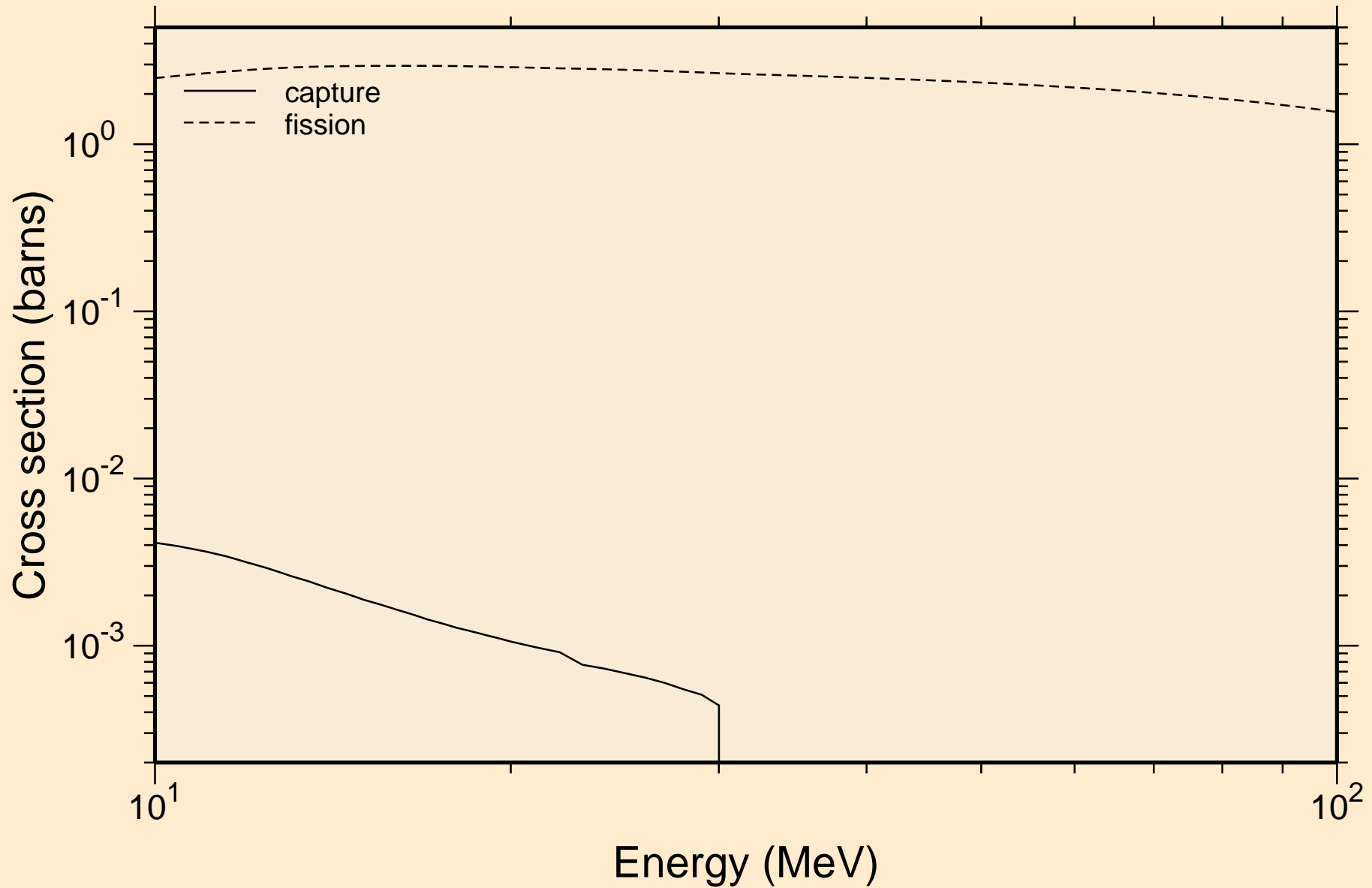
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



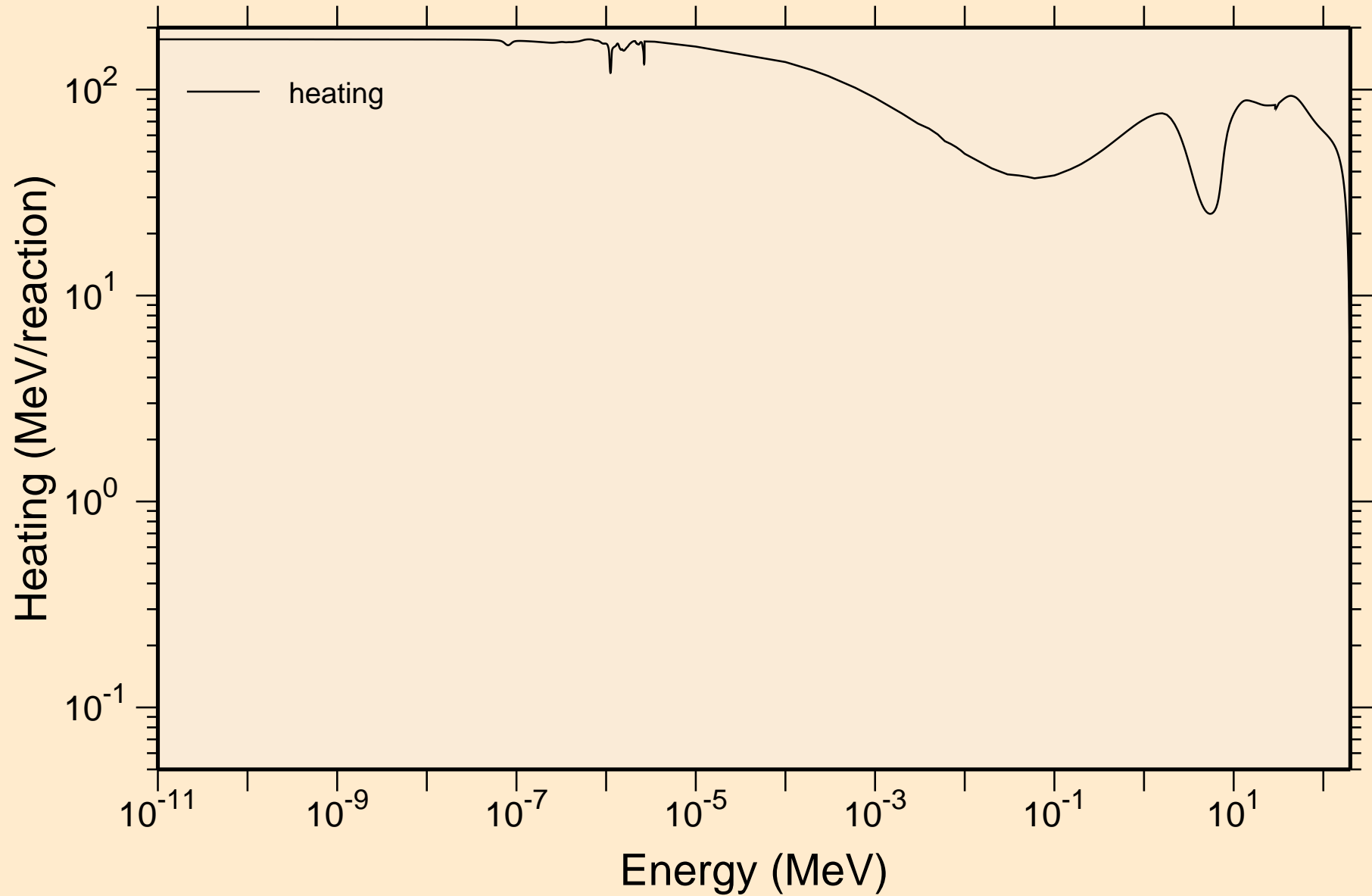
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resonance absorption cross sections



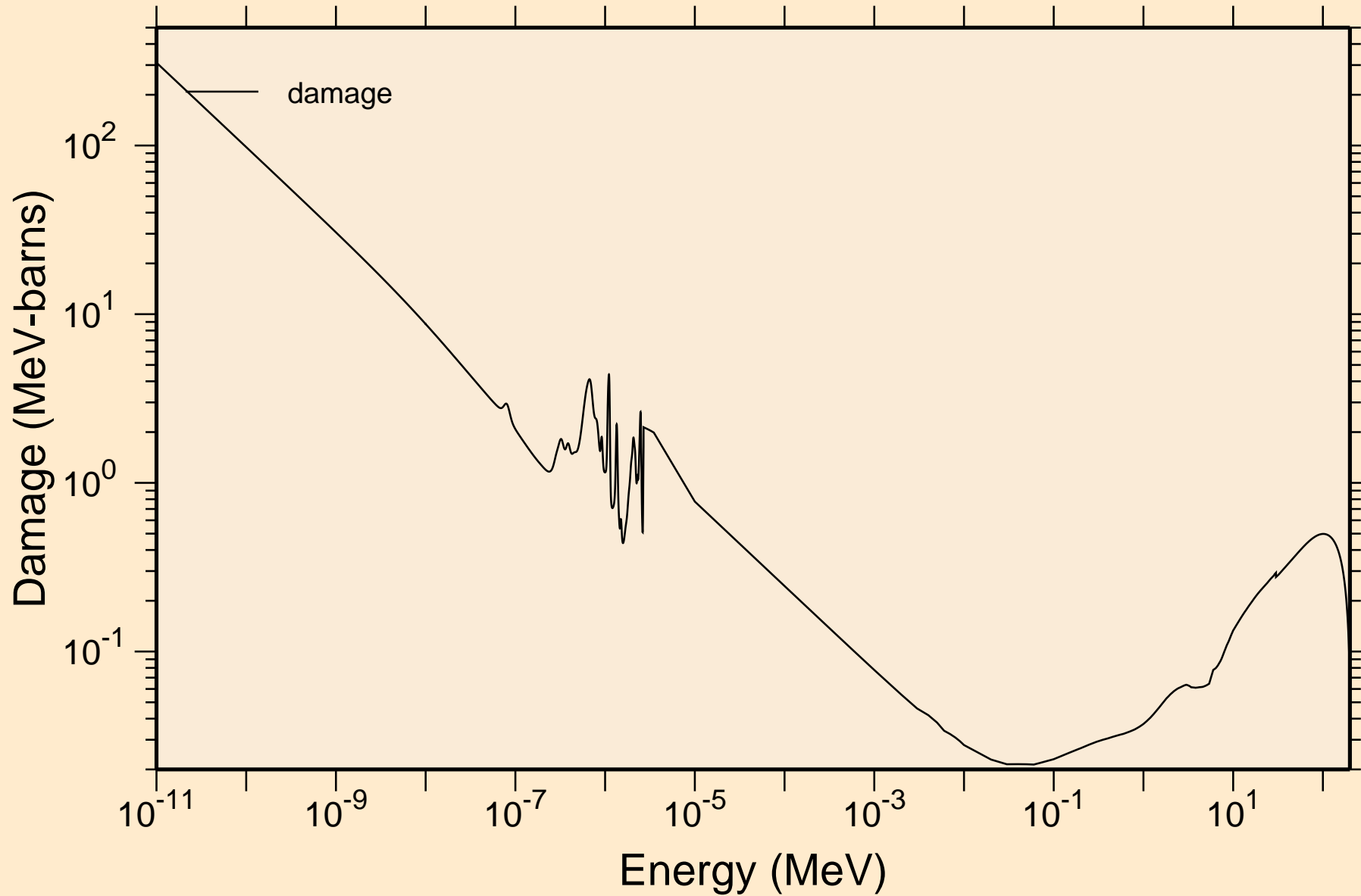
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Heating

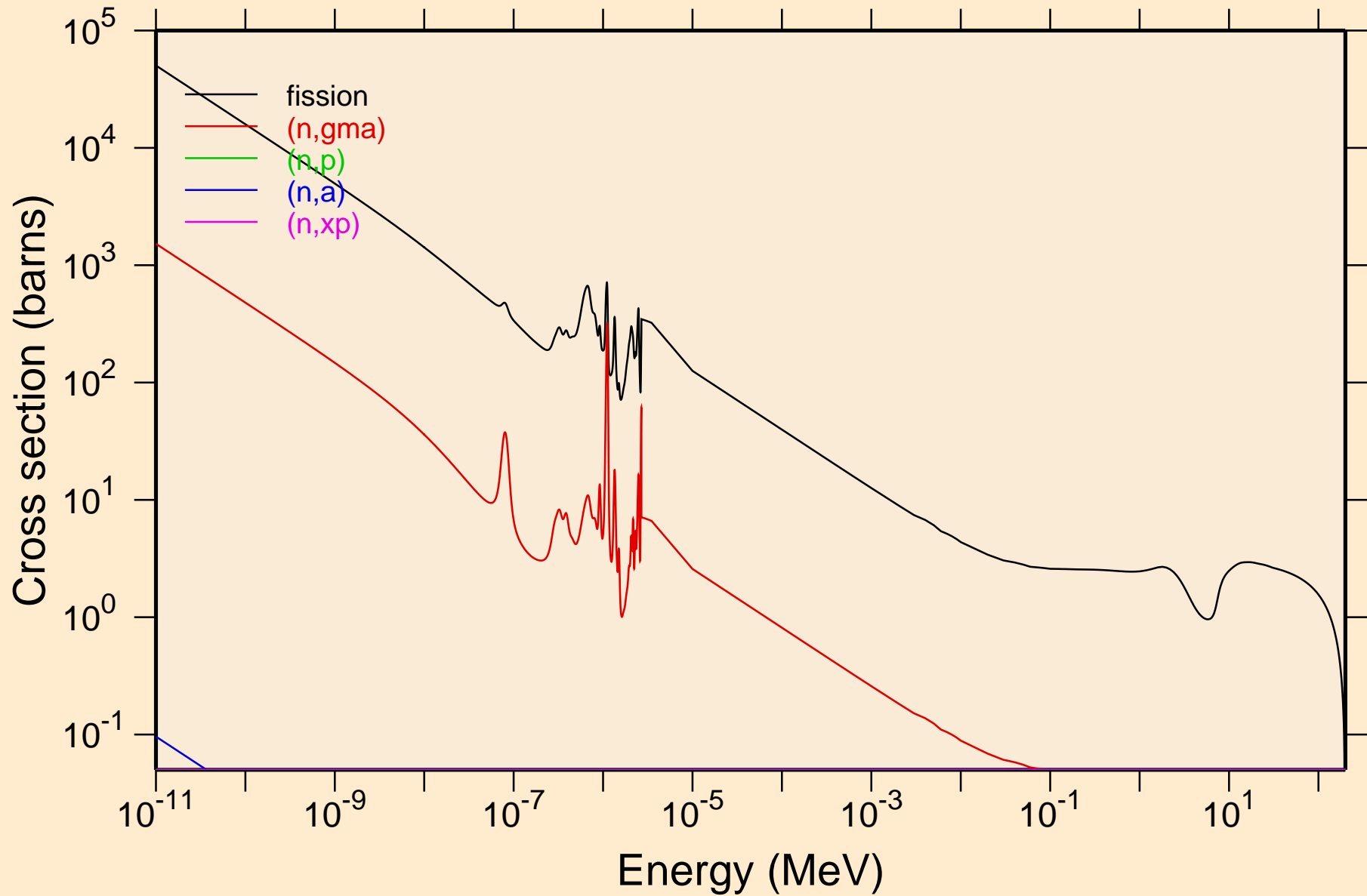


CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Damage

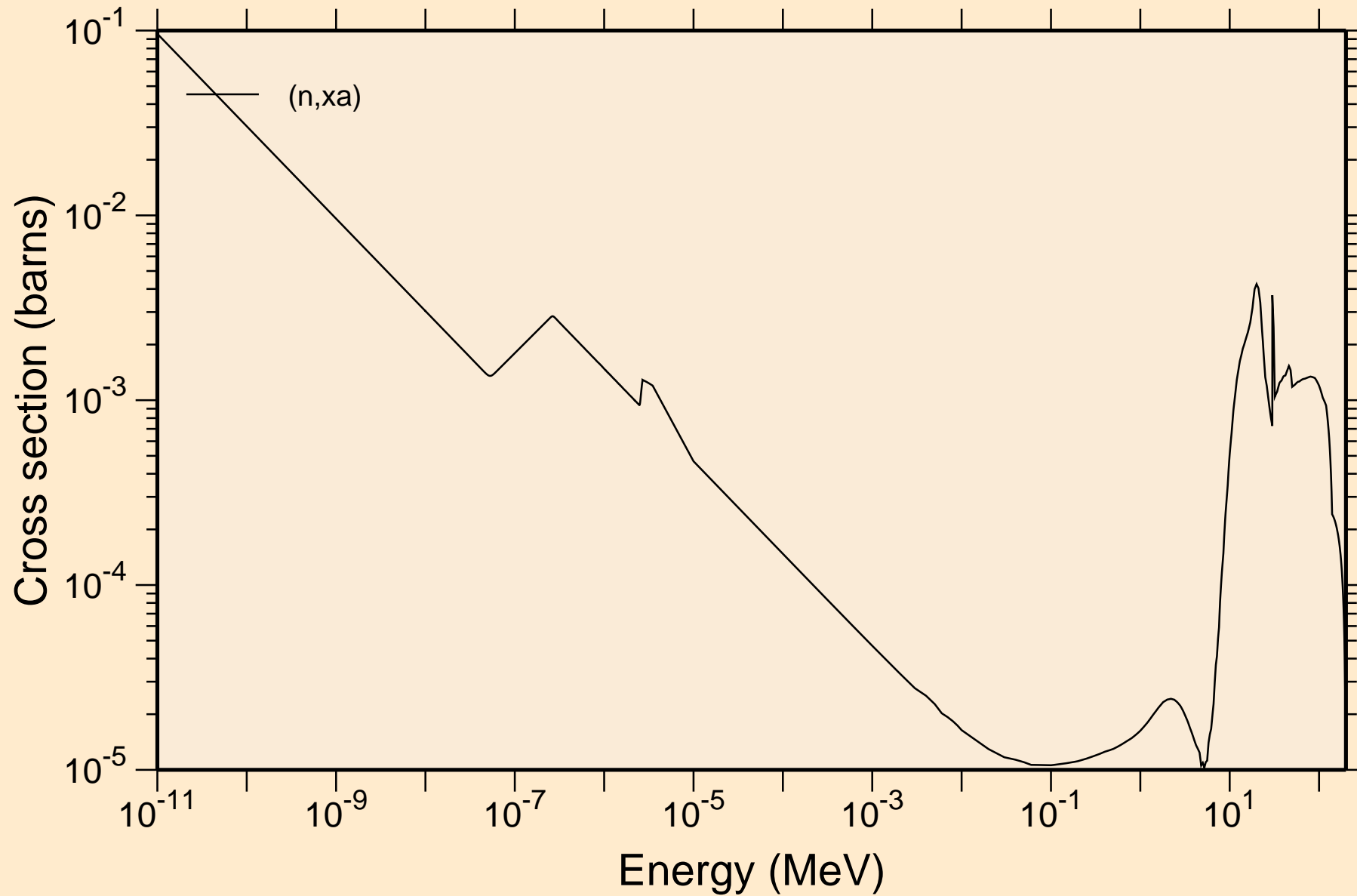


CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Non-threshold reactions

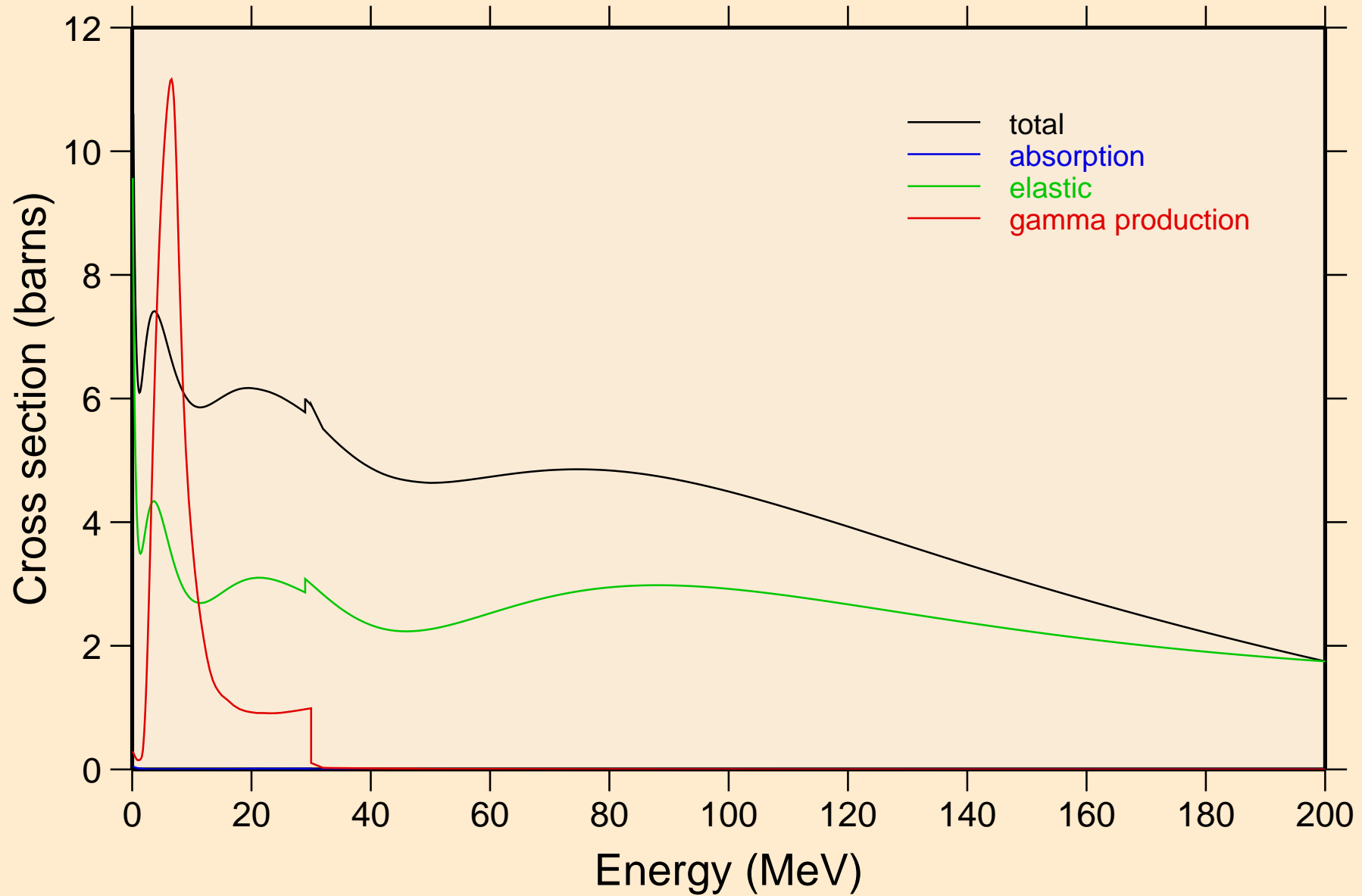


CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Non-threshold reactions

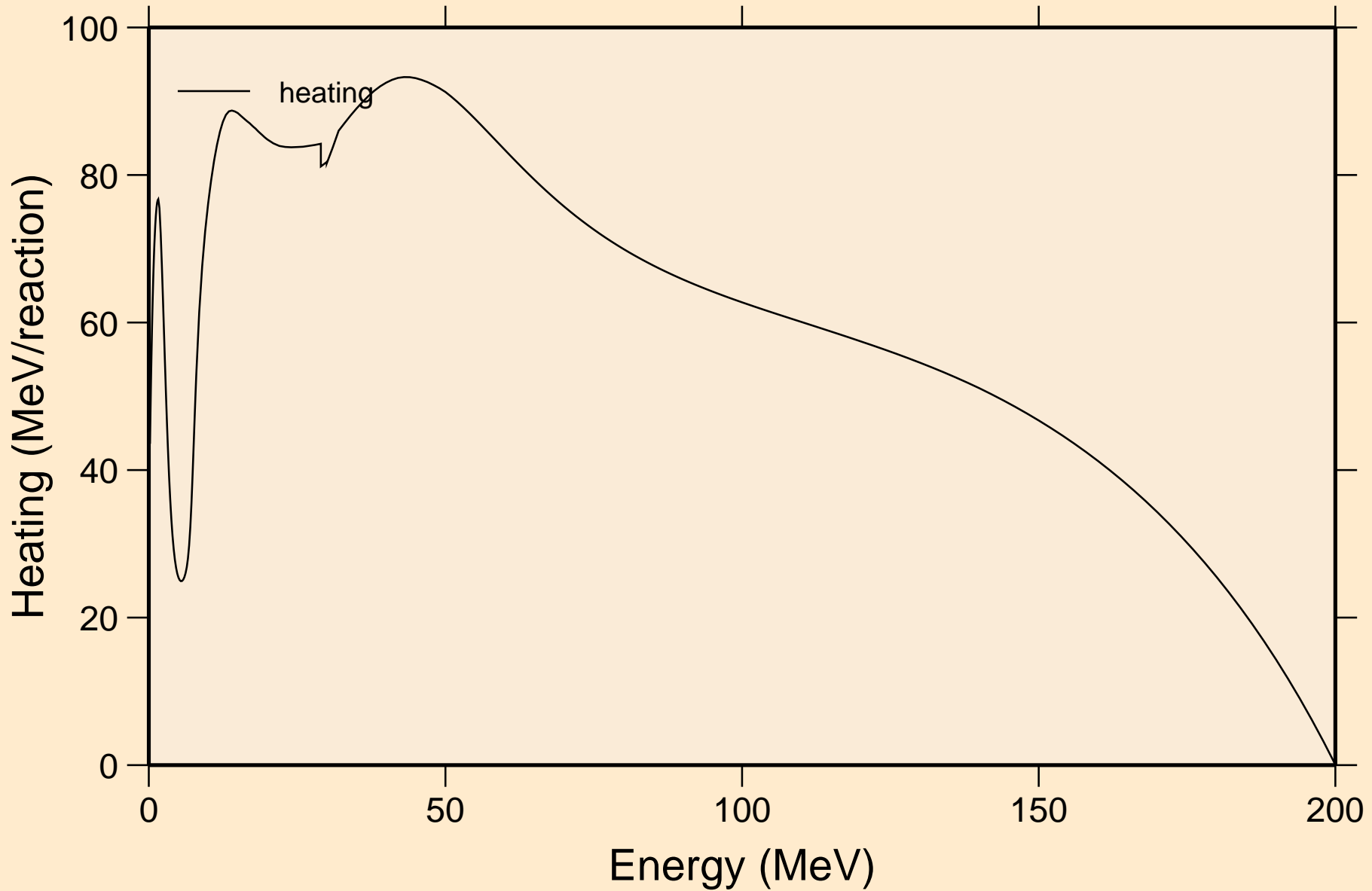


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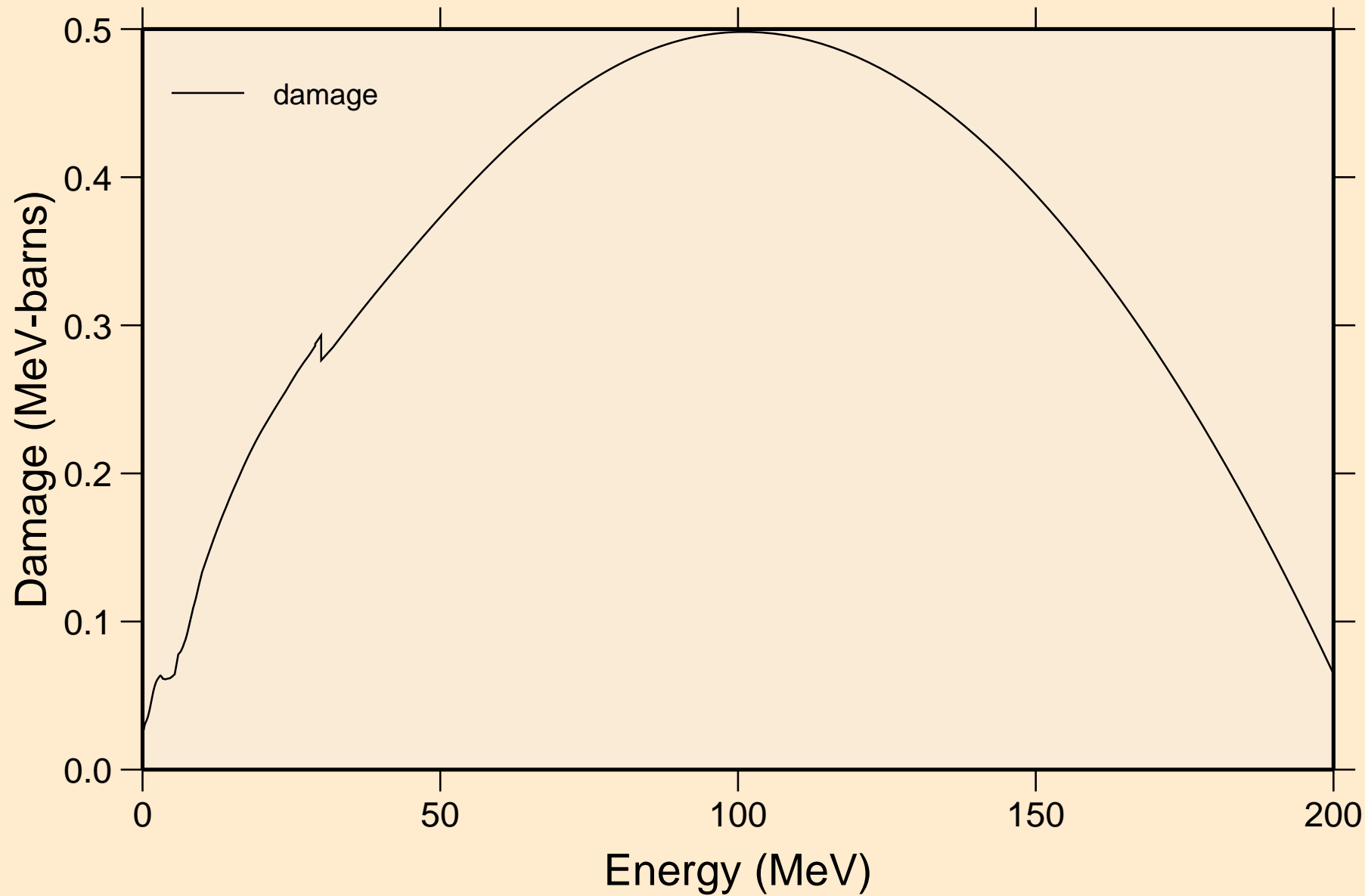
Principal cross sections



CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Heating

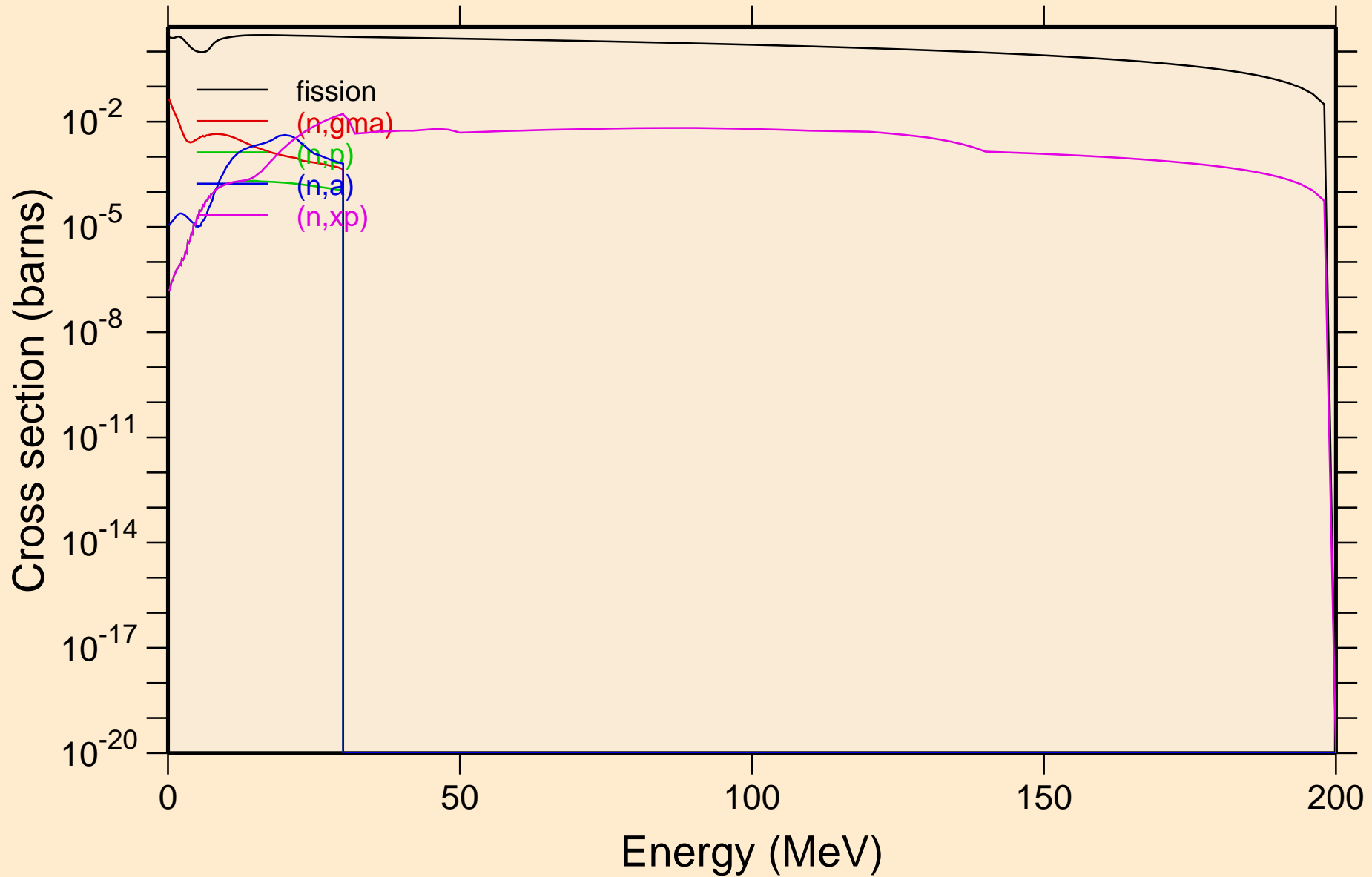


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Damage

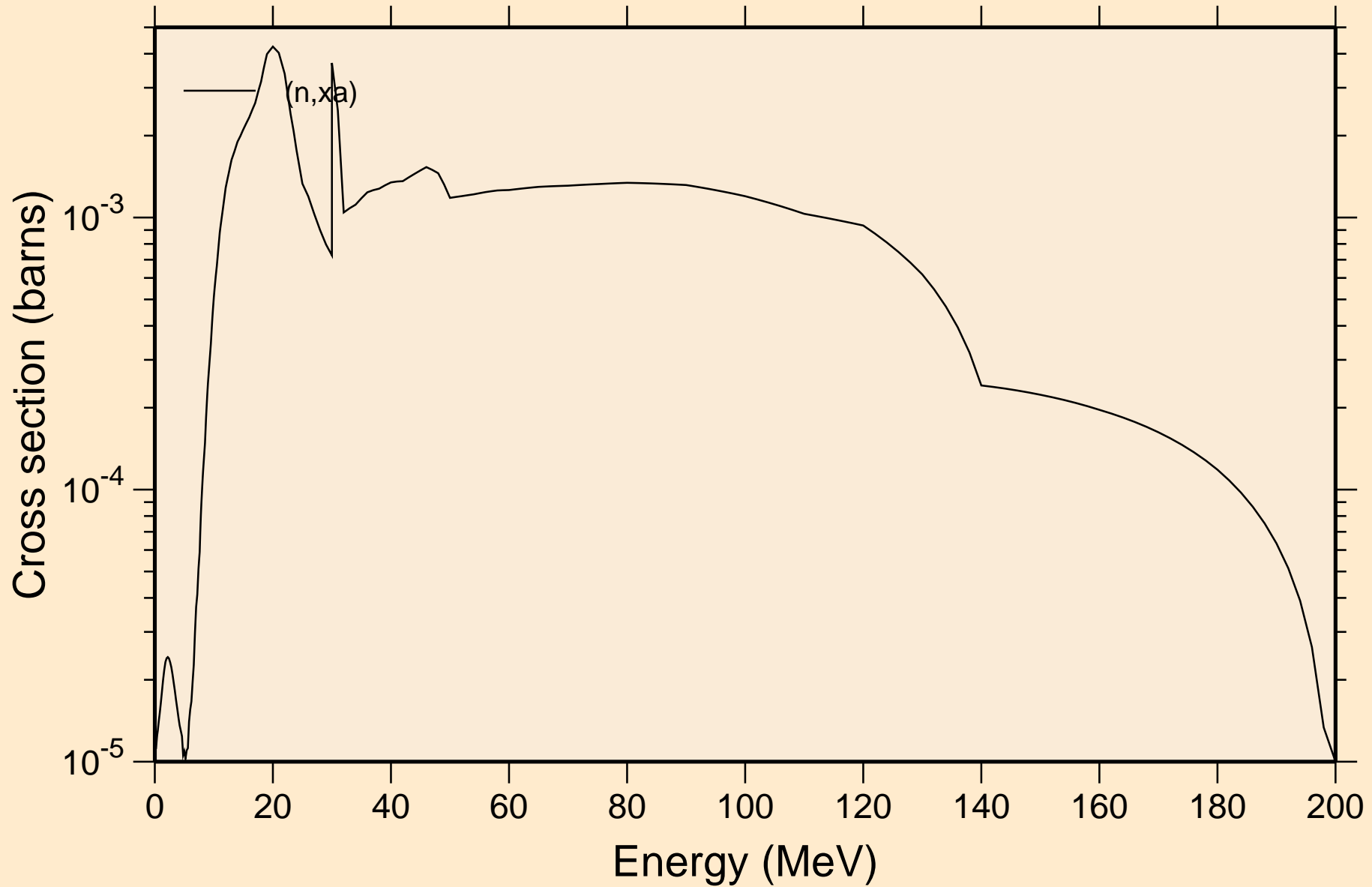


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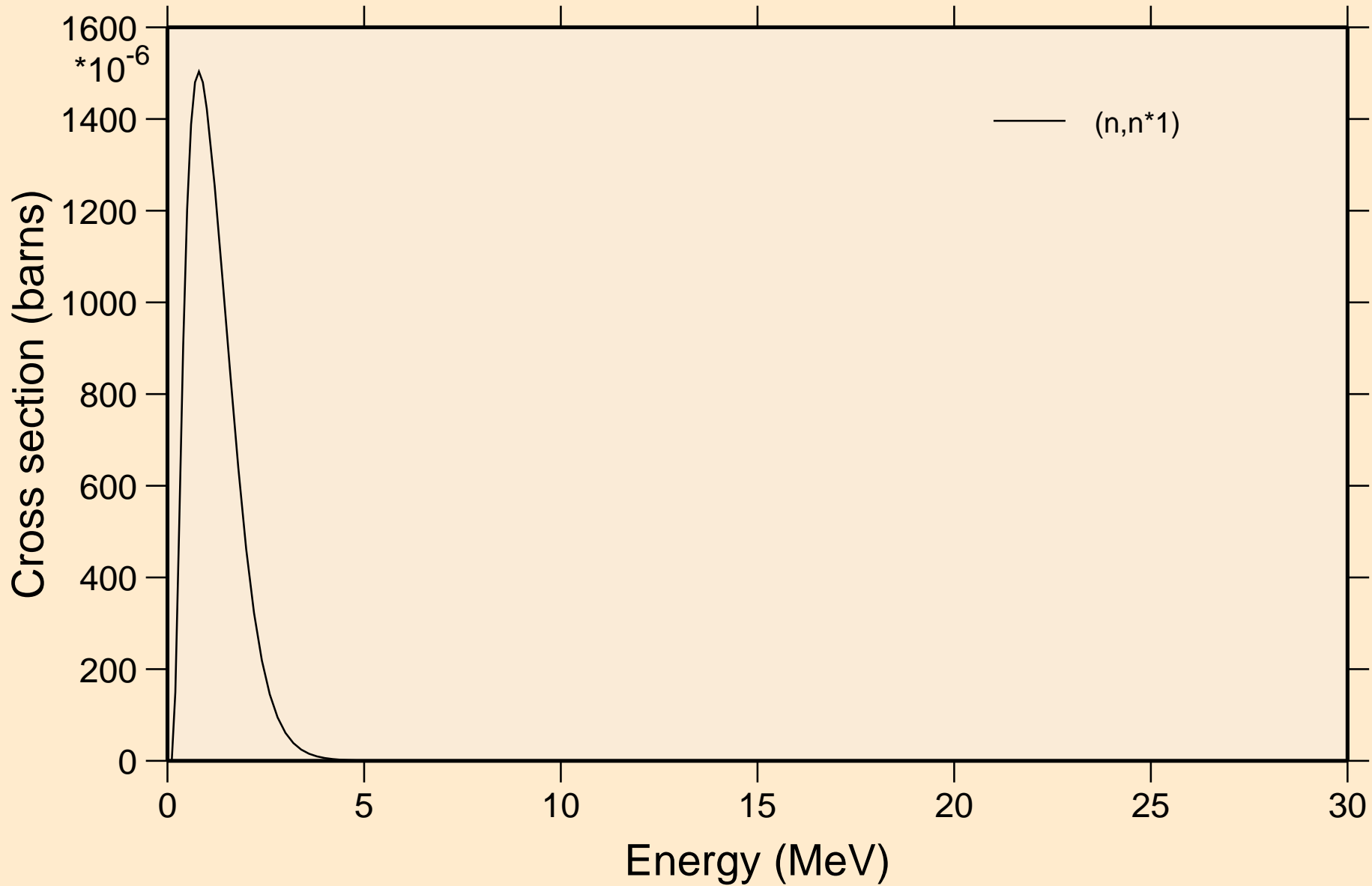
Non-threshold reactions



CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Non-threshold reactions

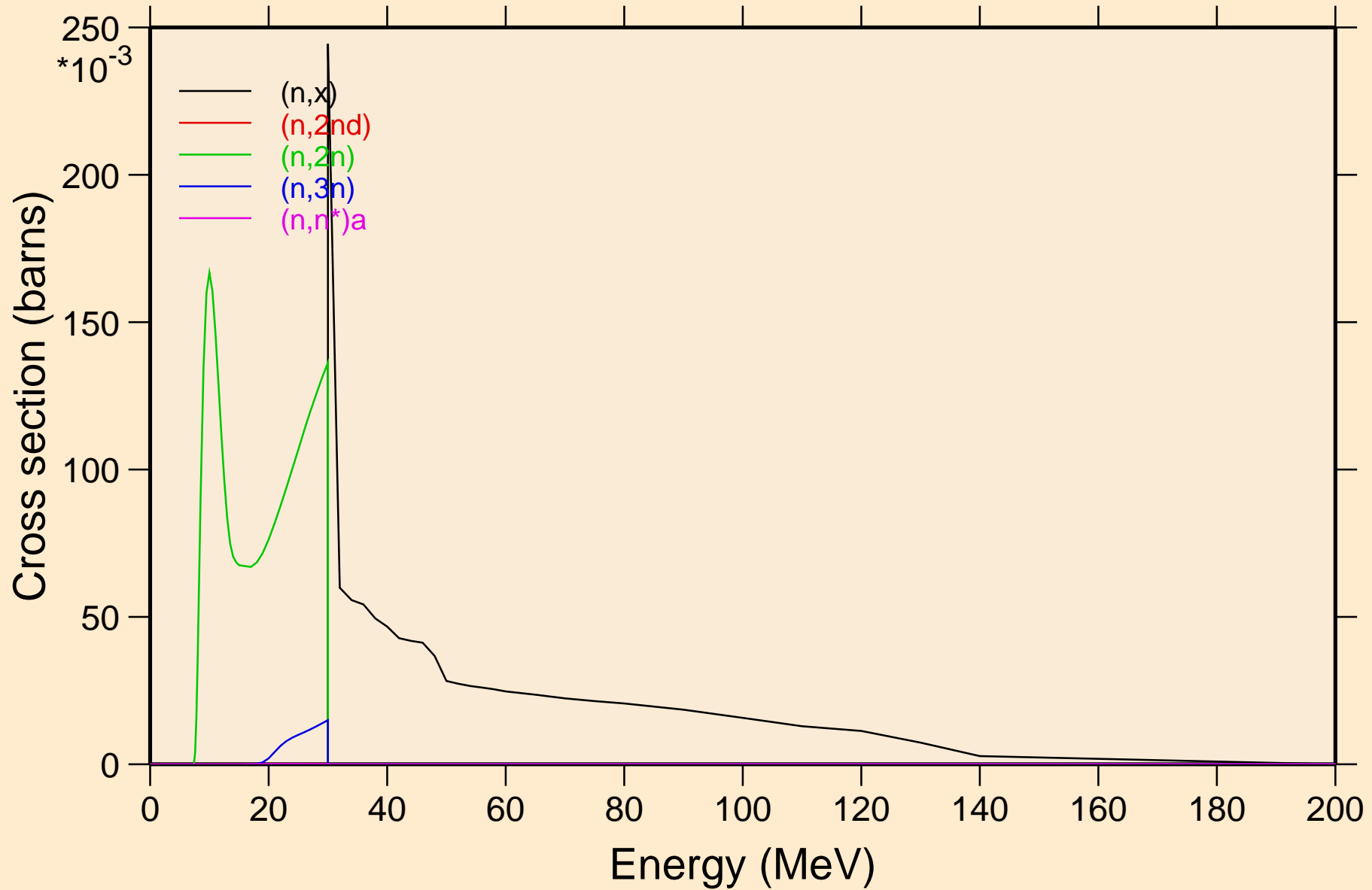


CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels

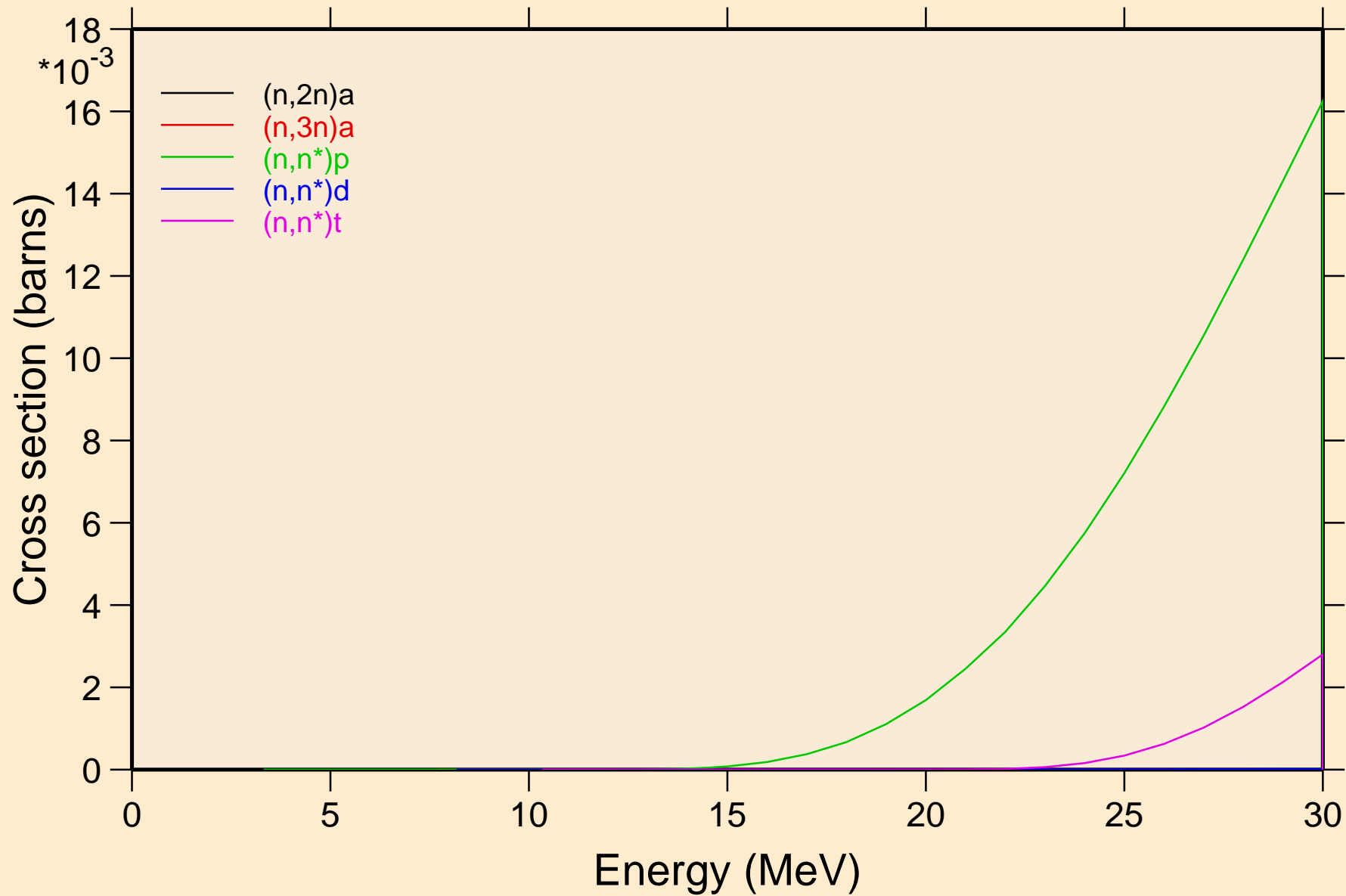


CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Threshold reactions

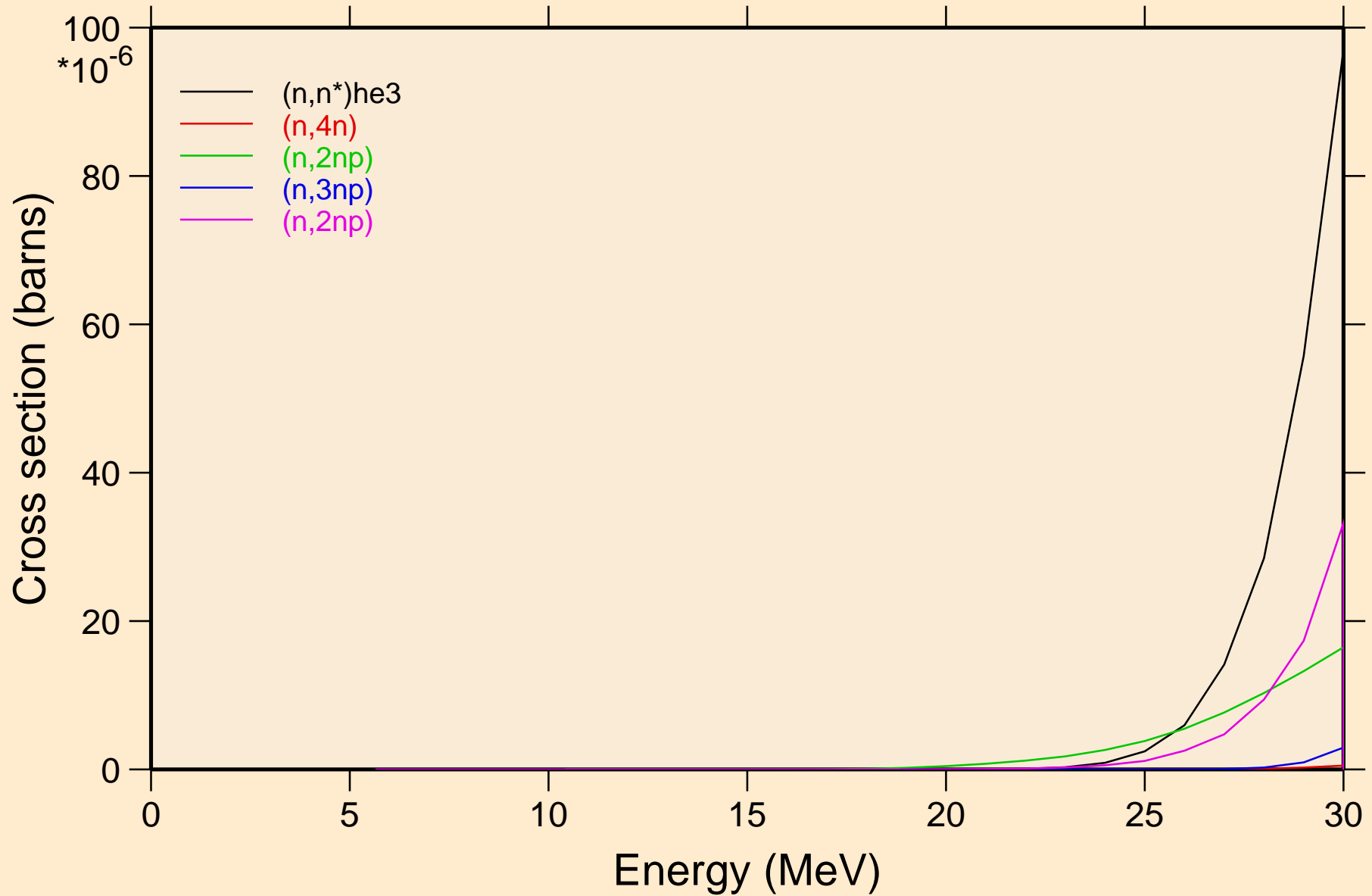


CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

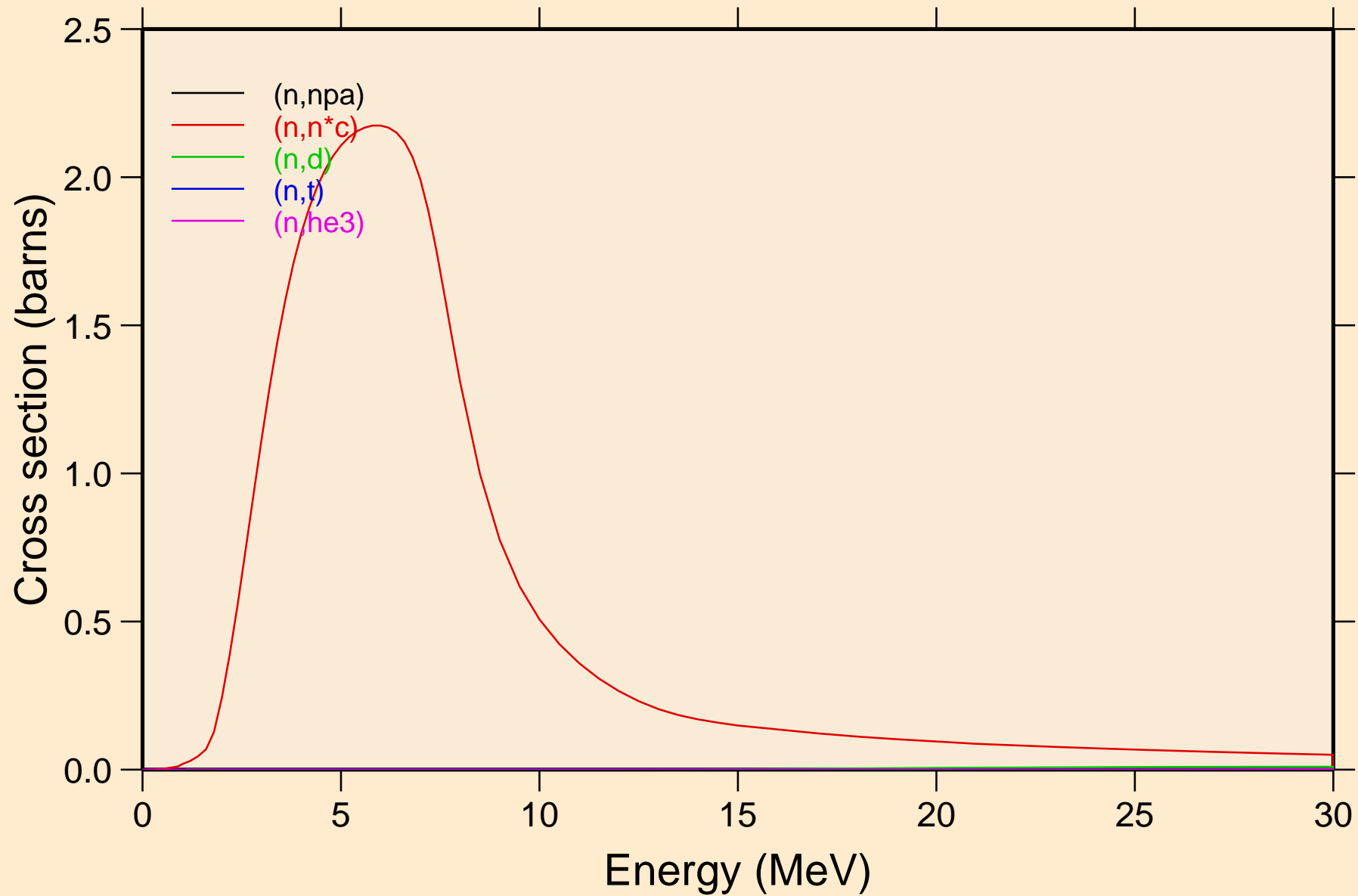


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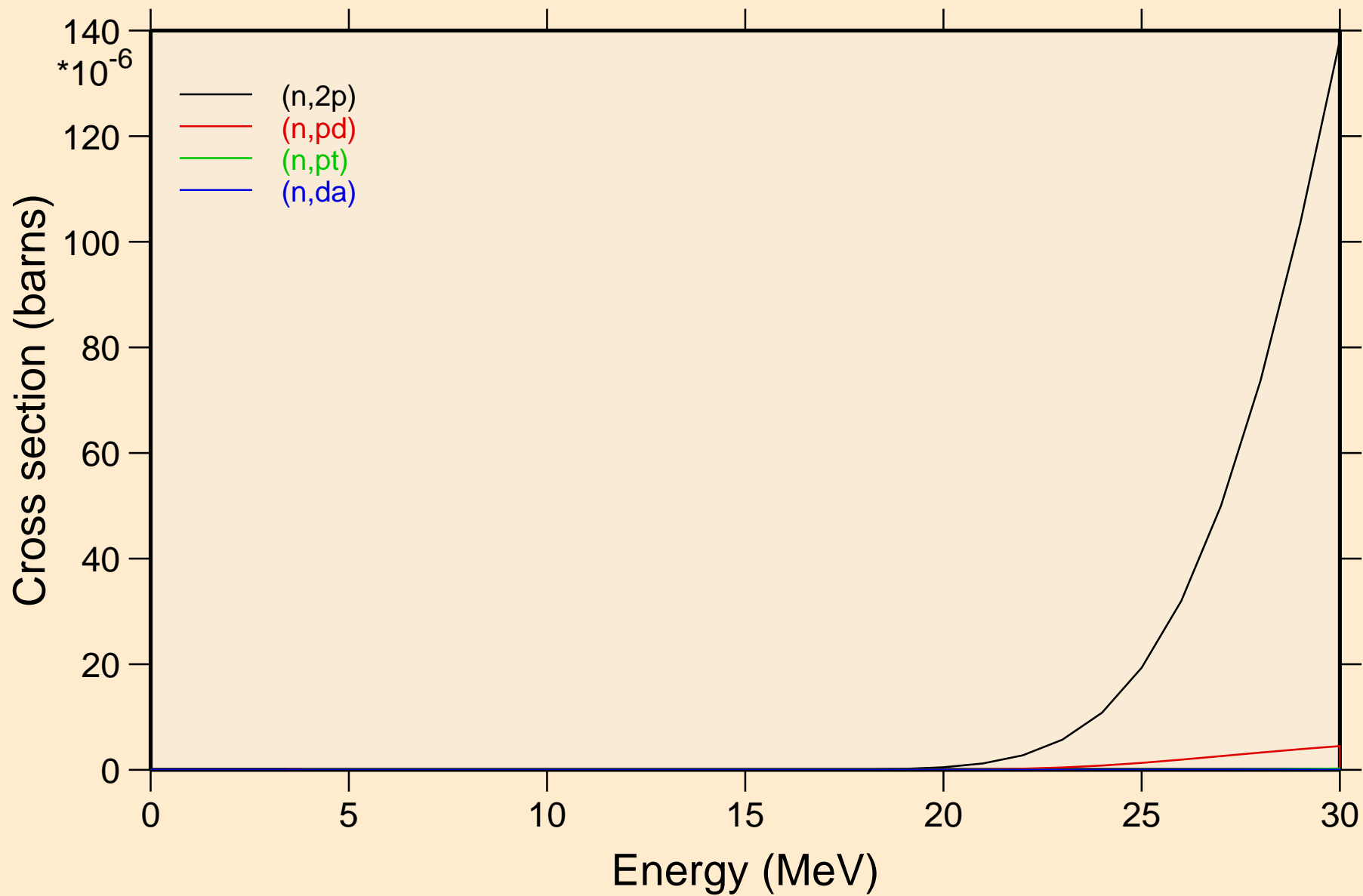
Threshold reactions



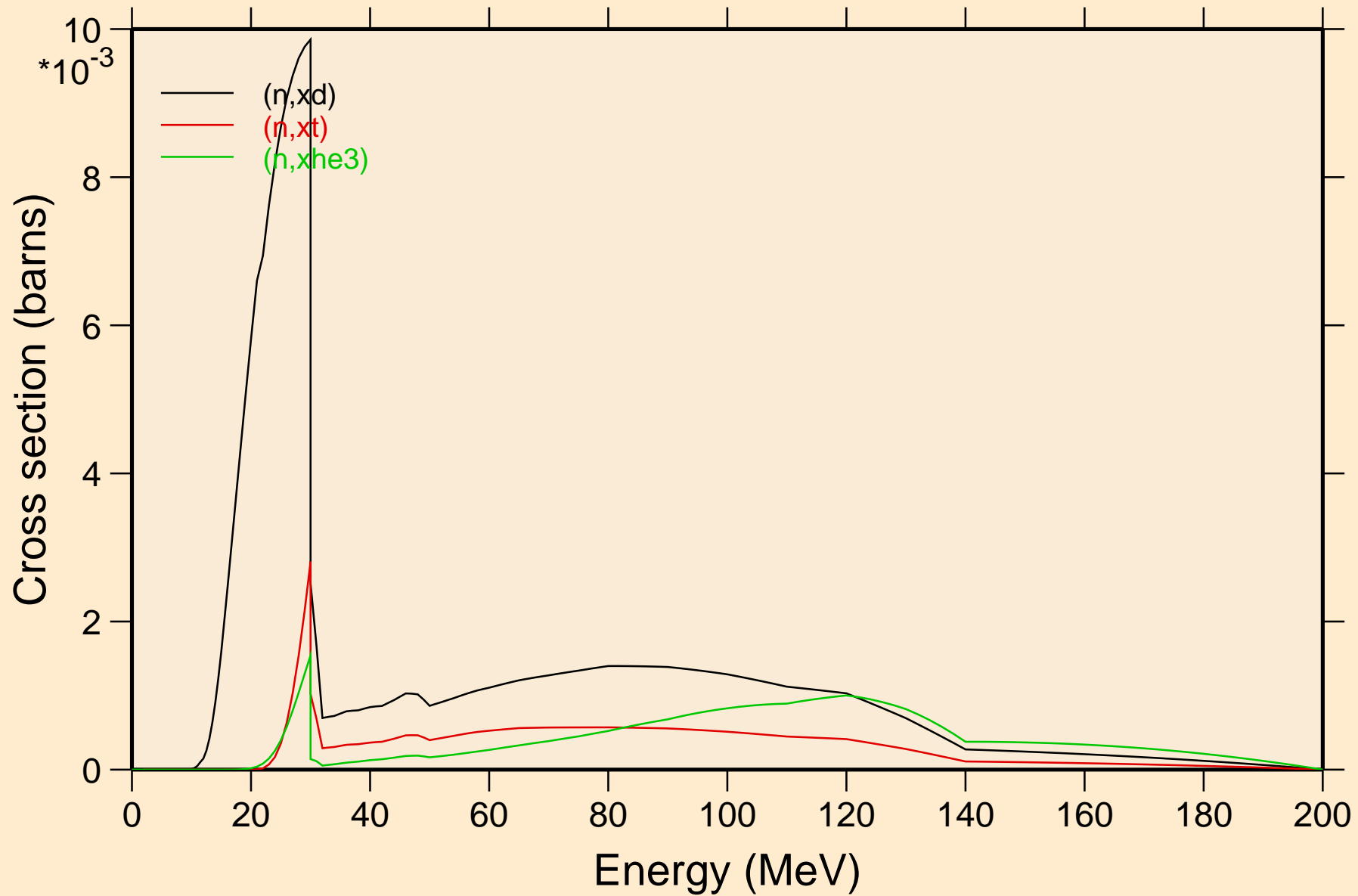
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



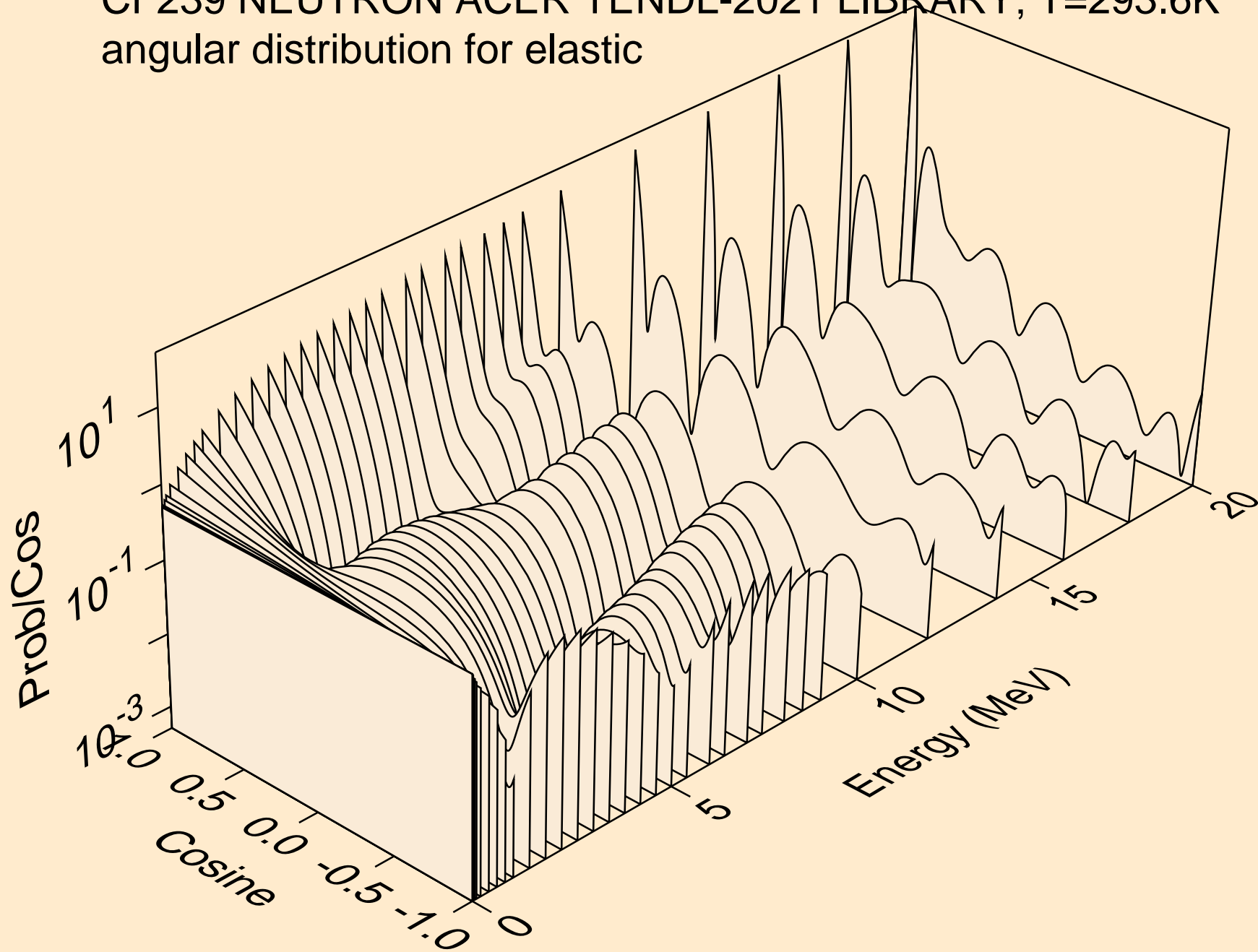
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Threshold reactions



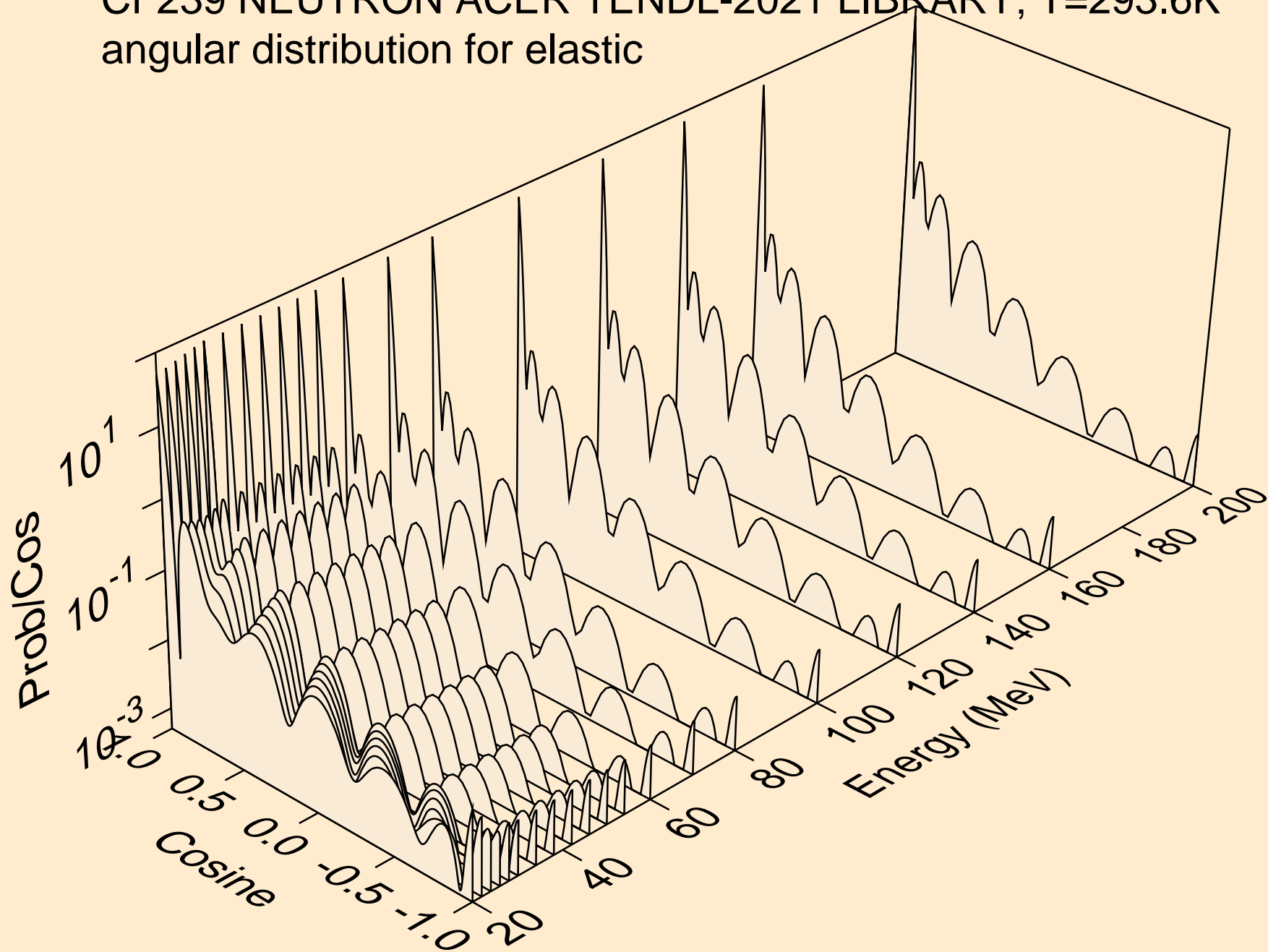
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Threshold reactions



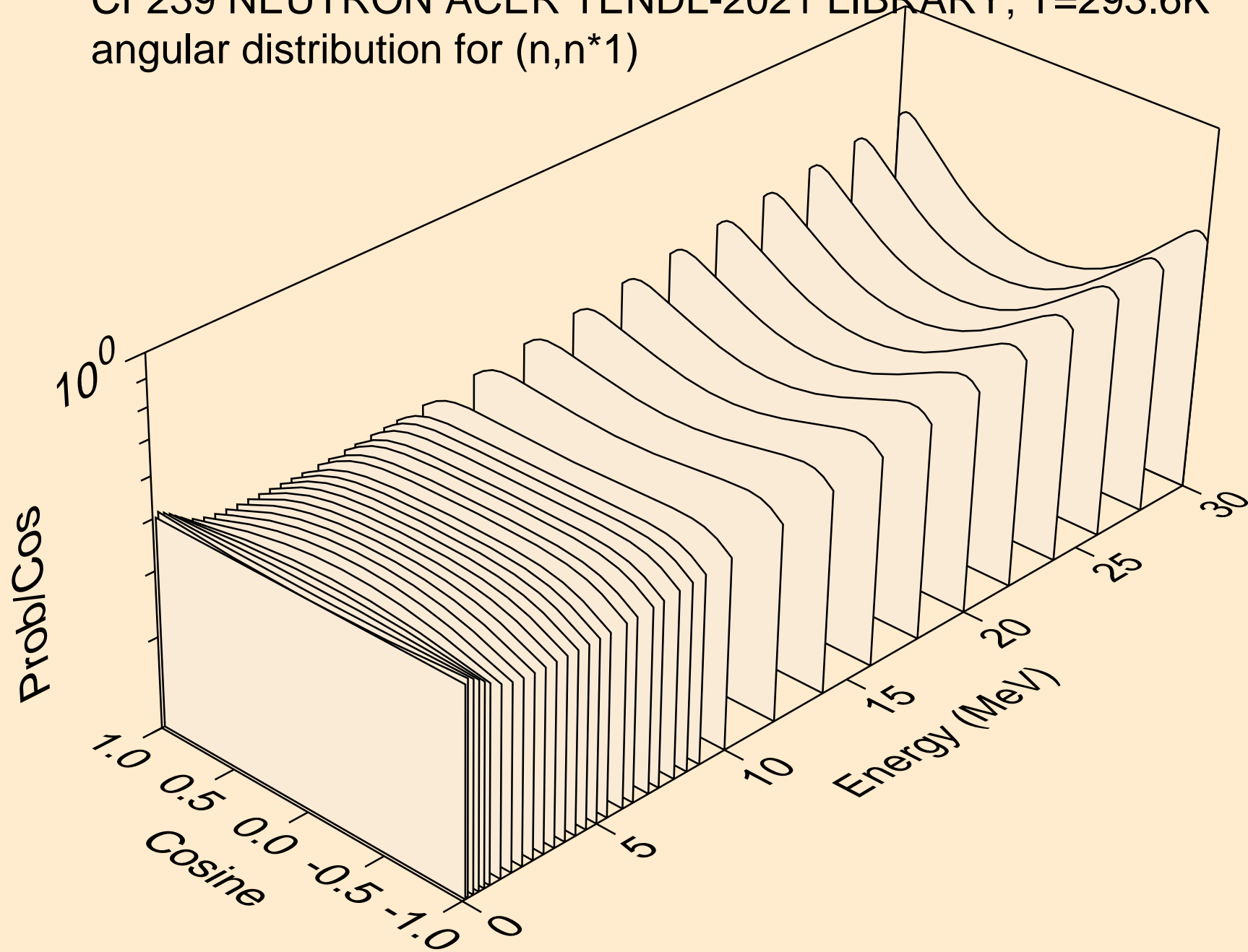
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angular distribution for elastic



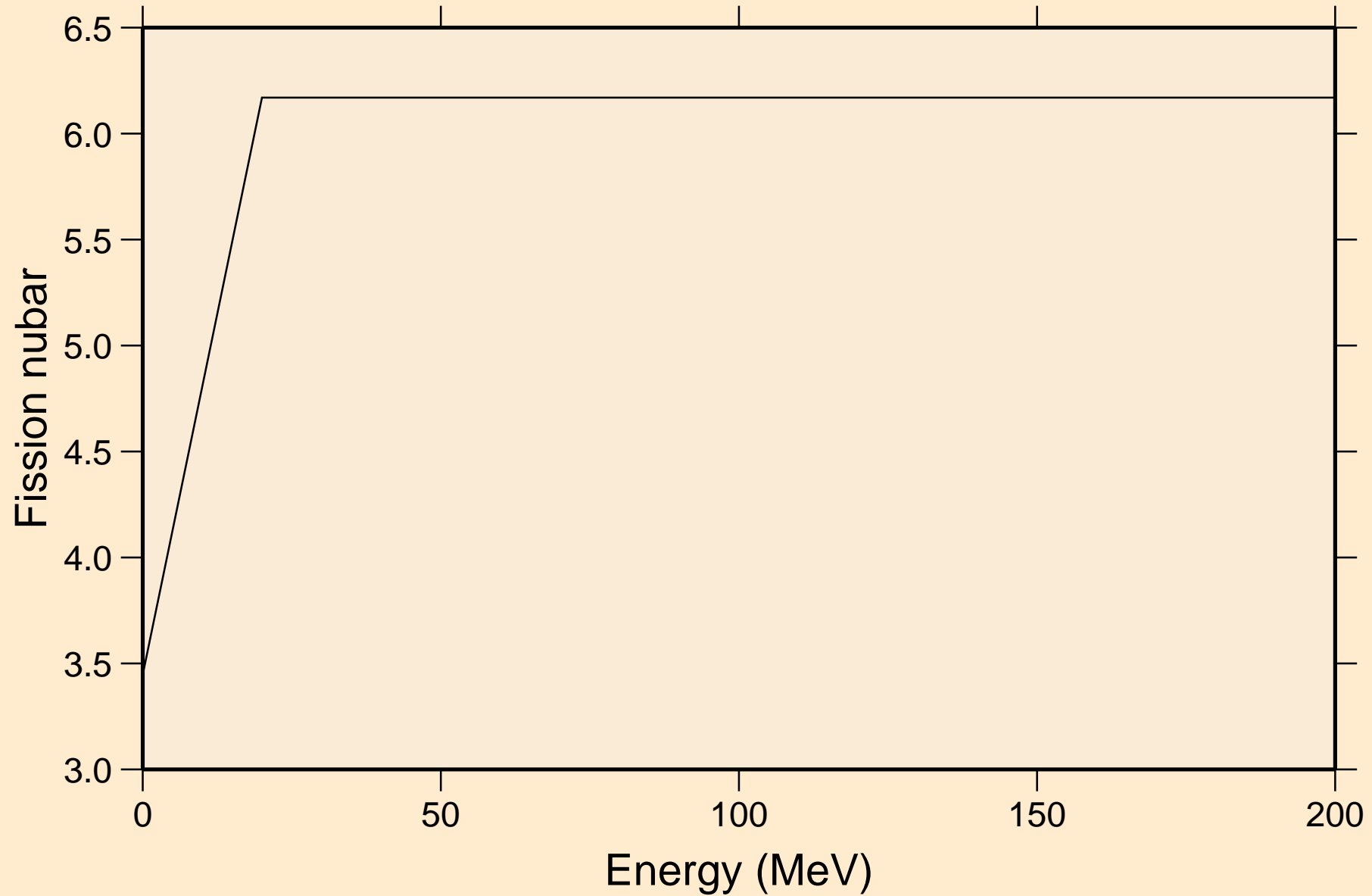
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angular distribution for elastic



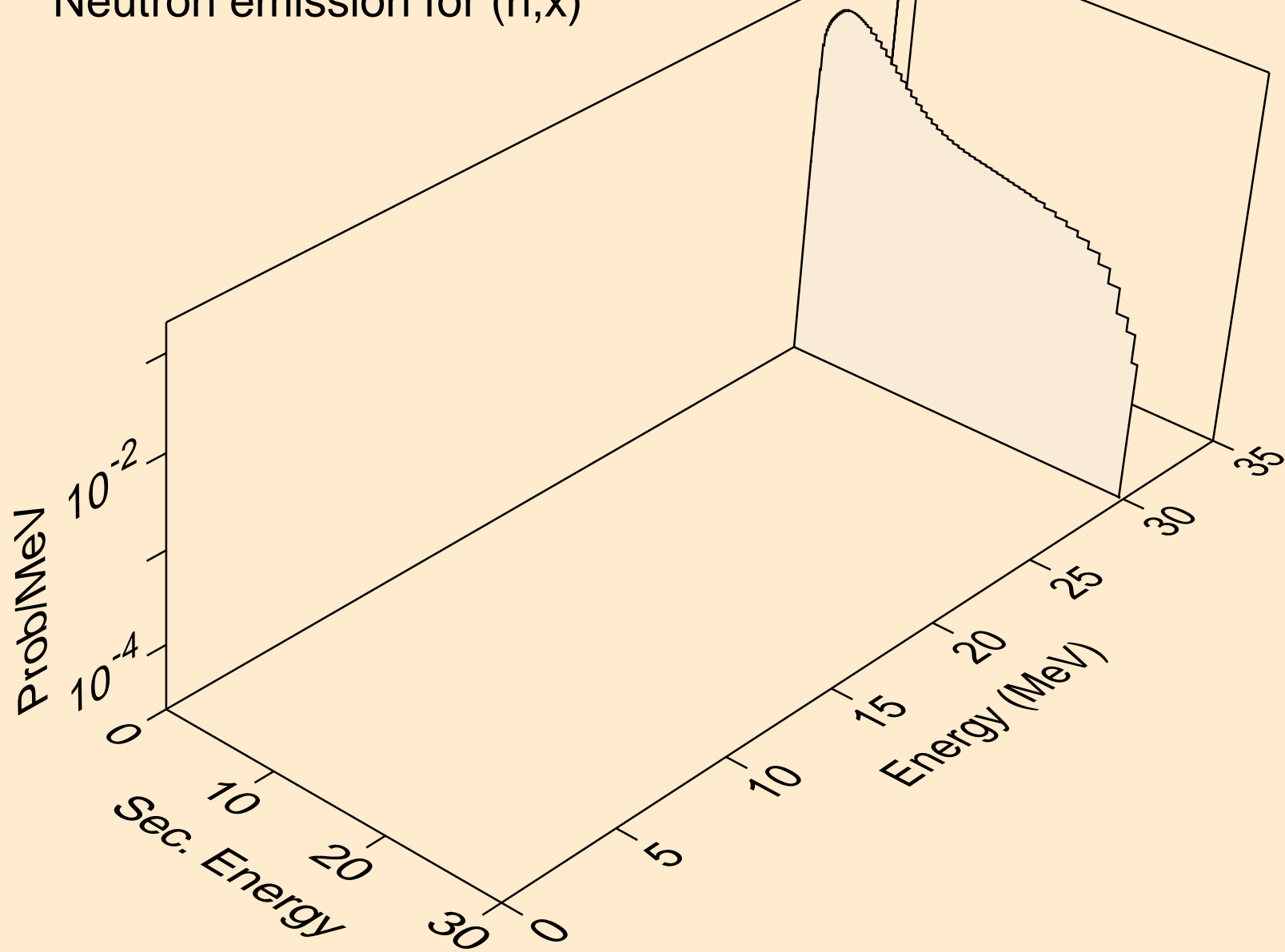
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angular distribution for (n,n*1)



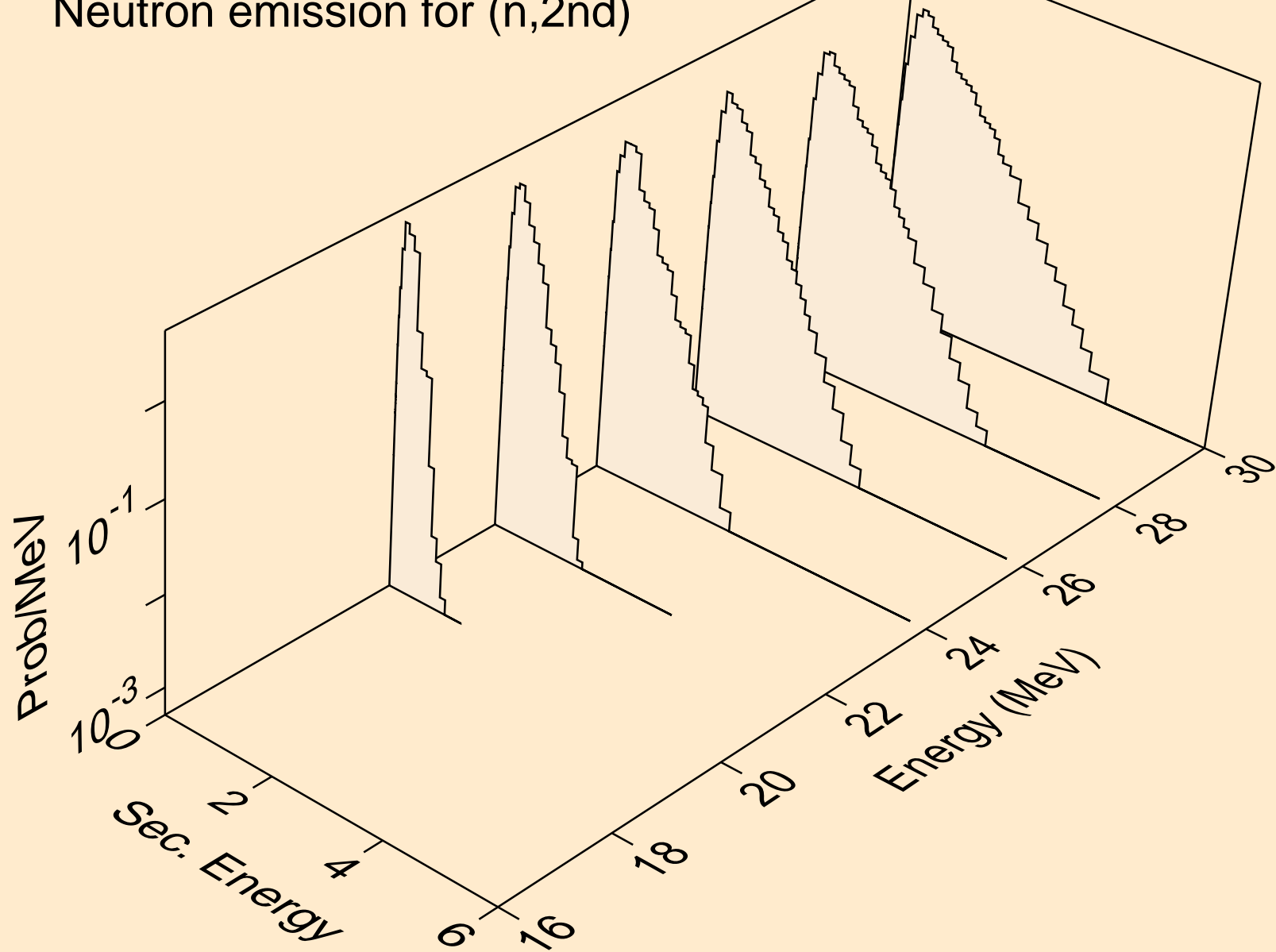
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Total fission nubar



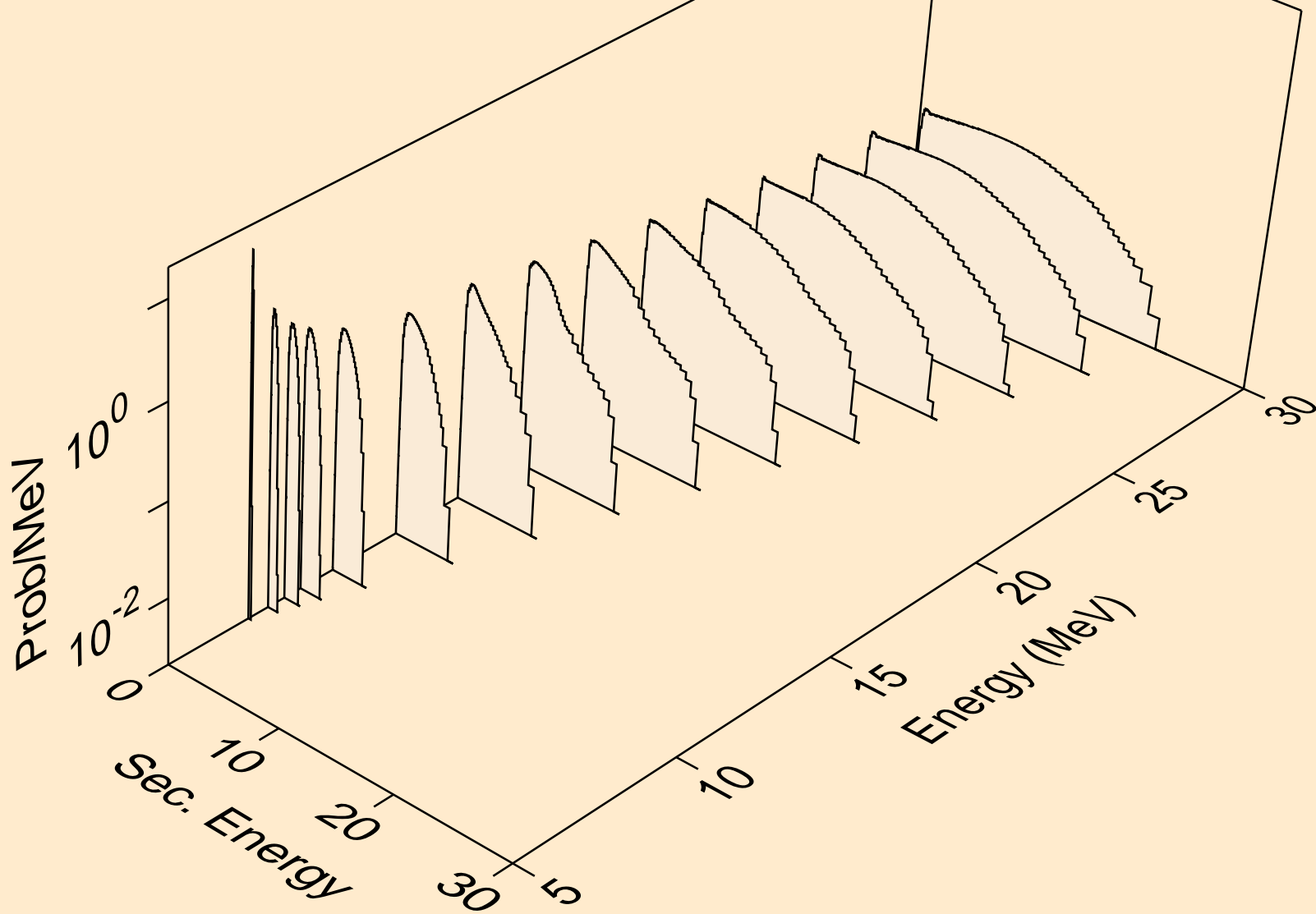
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,x)



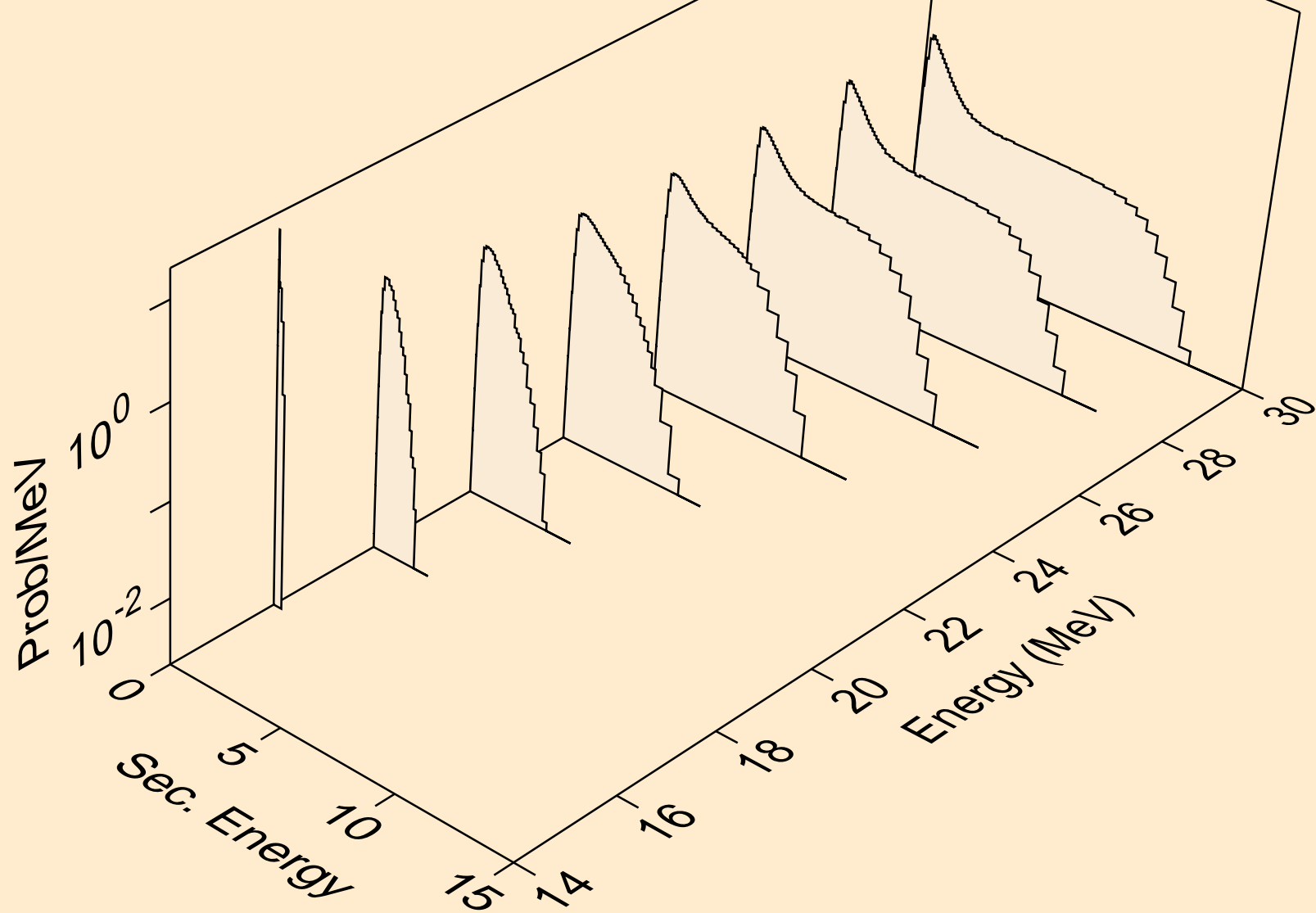
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



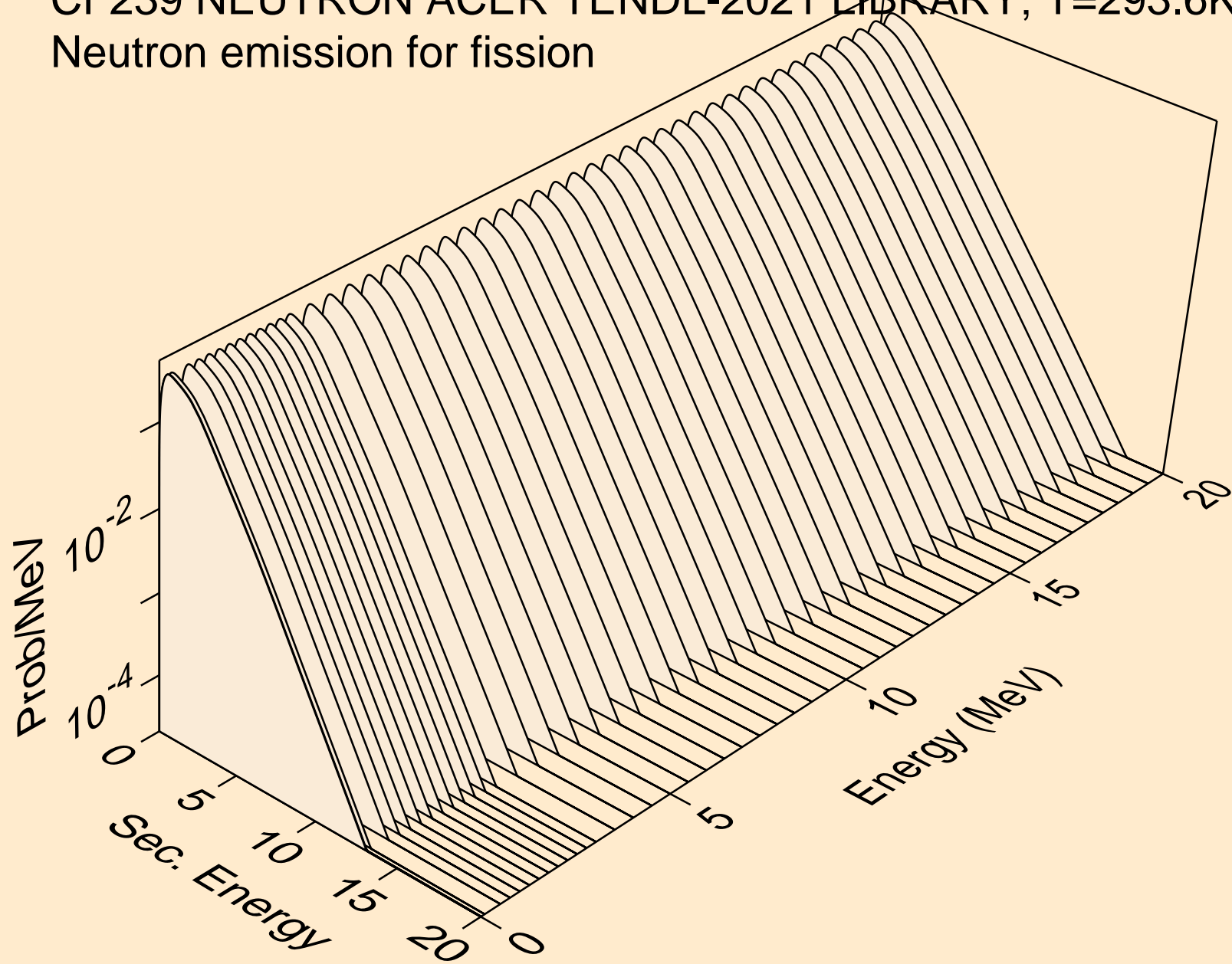
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)



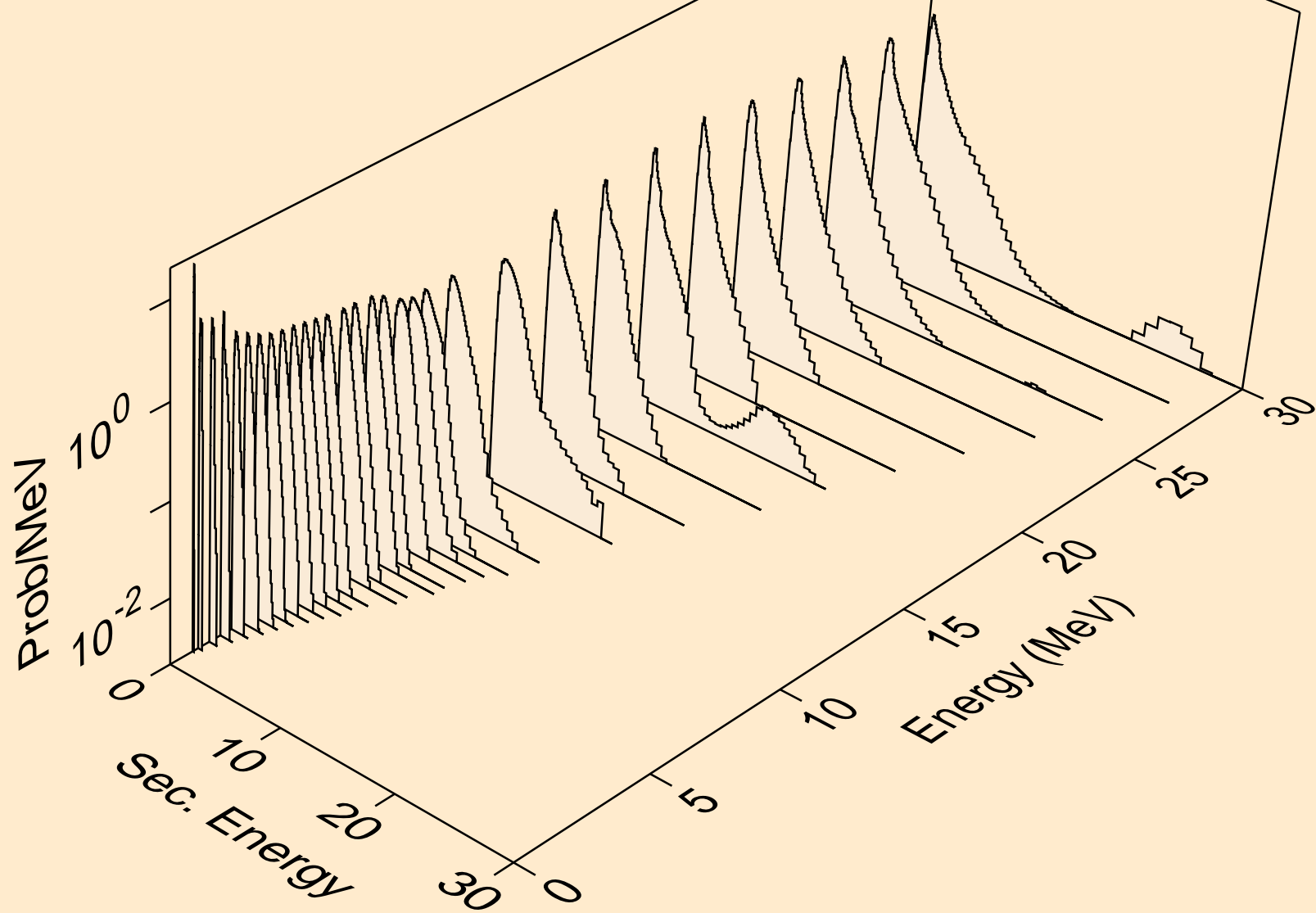
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Neutron emission for (n,3n)



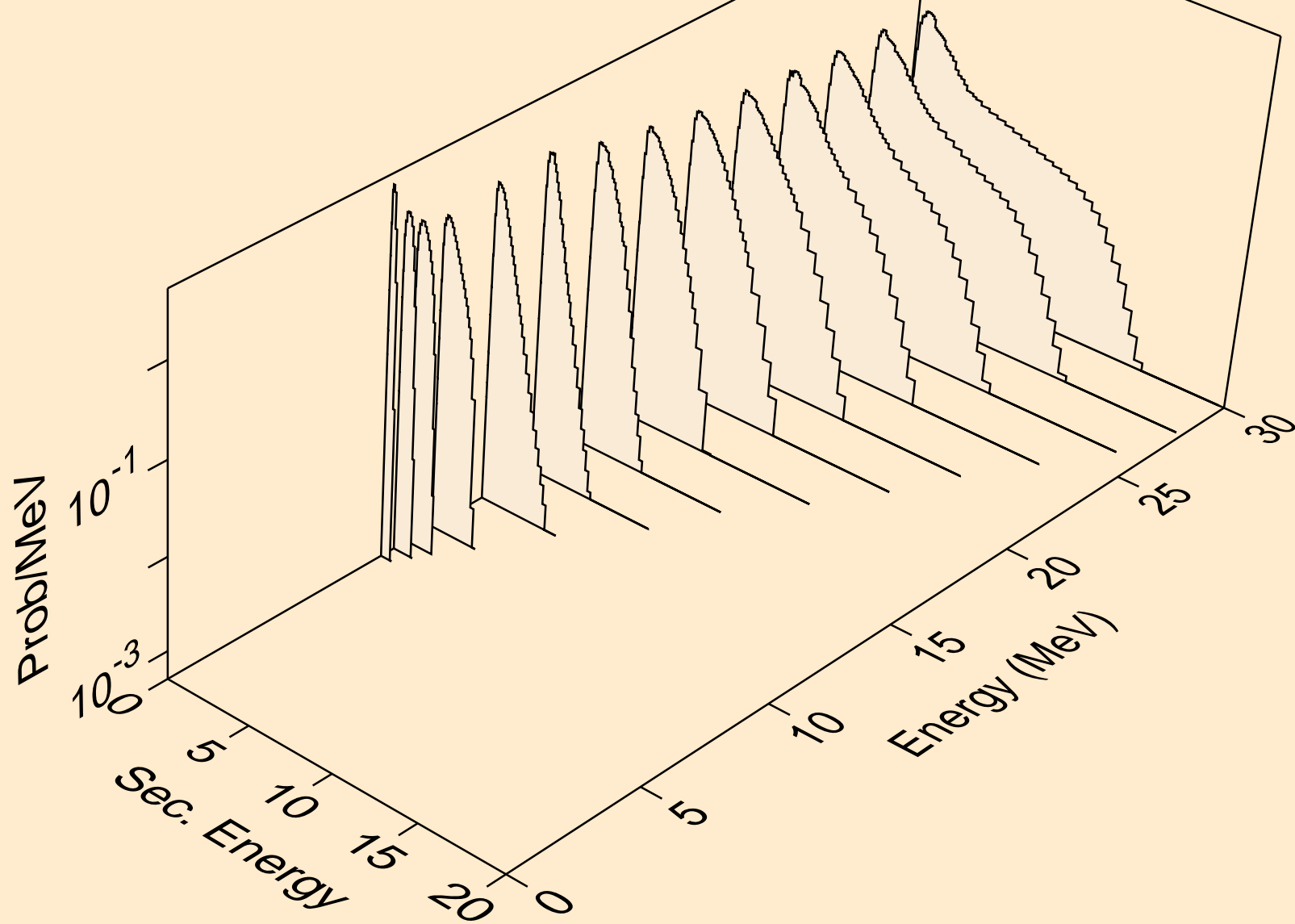
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Neutron emission for fission



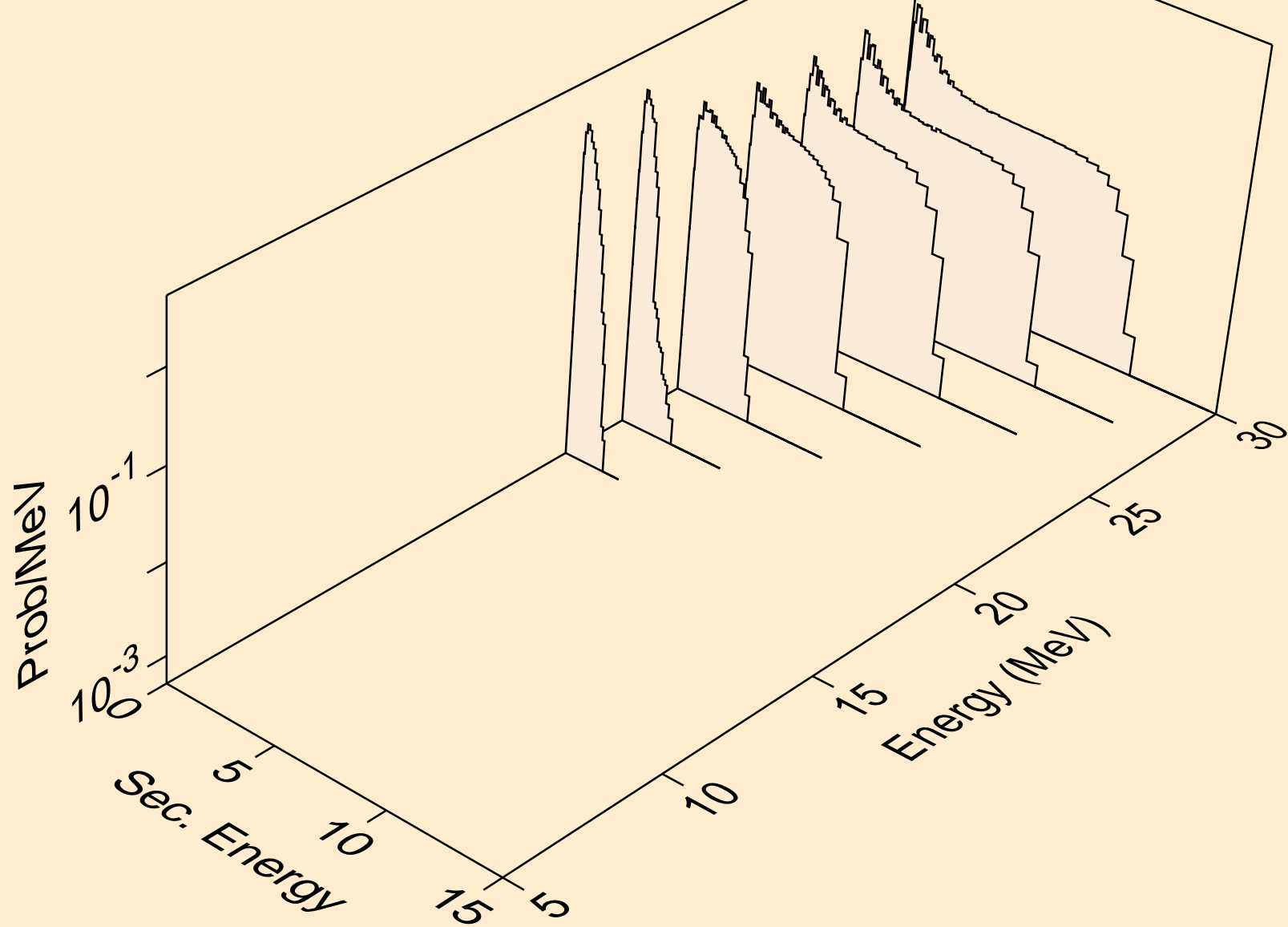
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



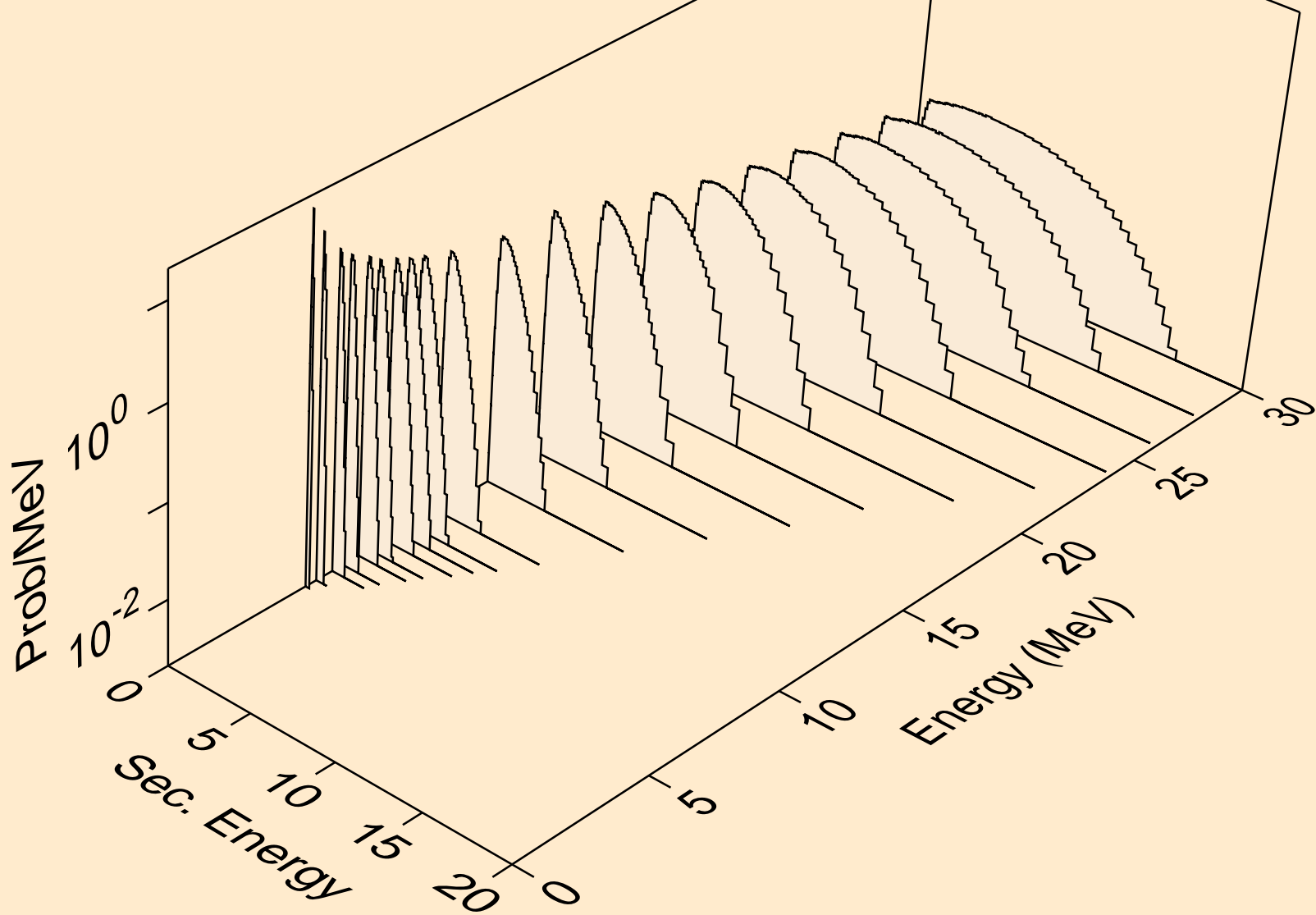
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)a



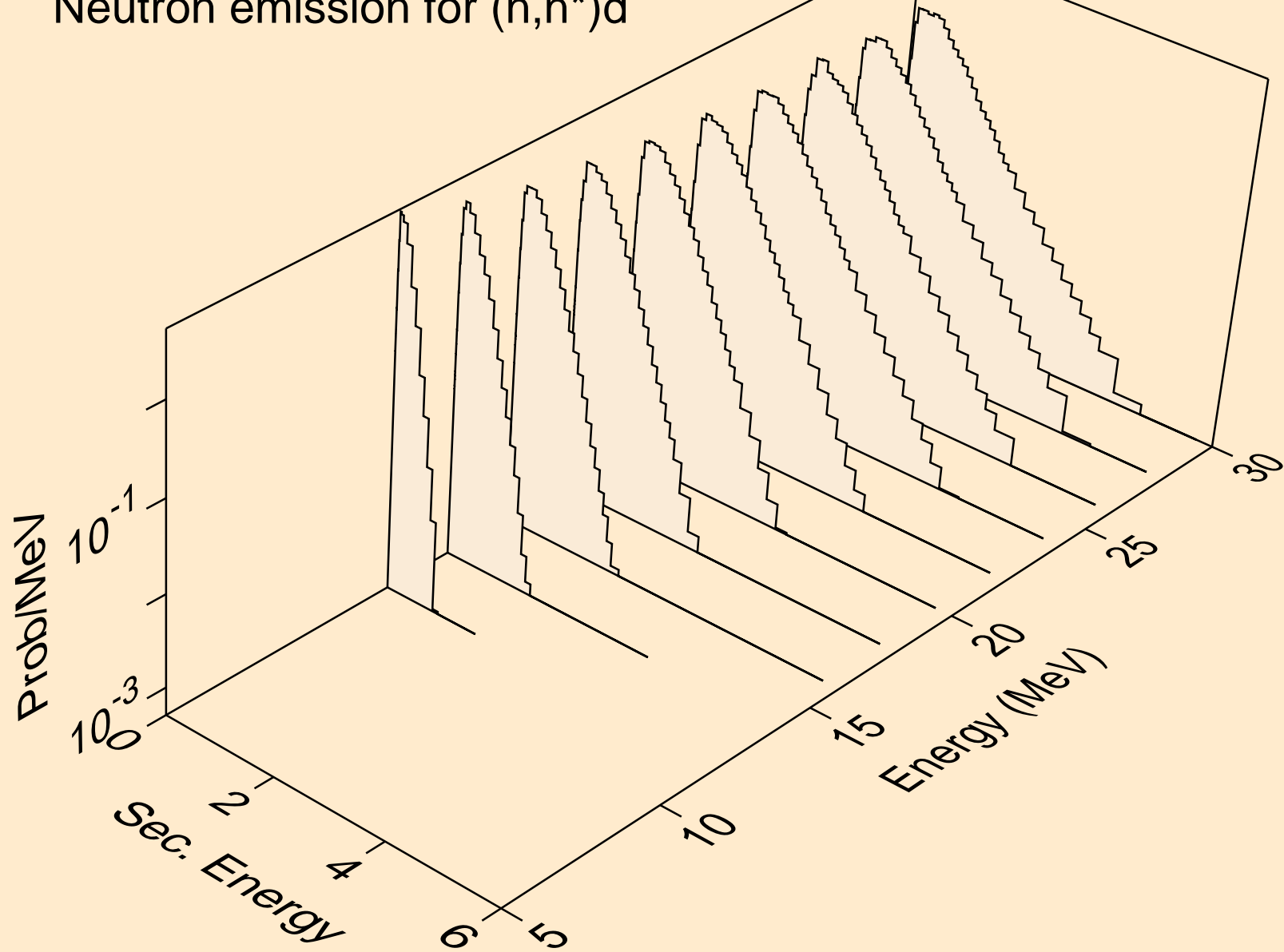
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



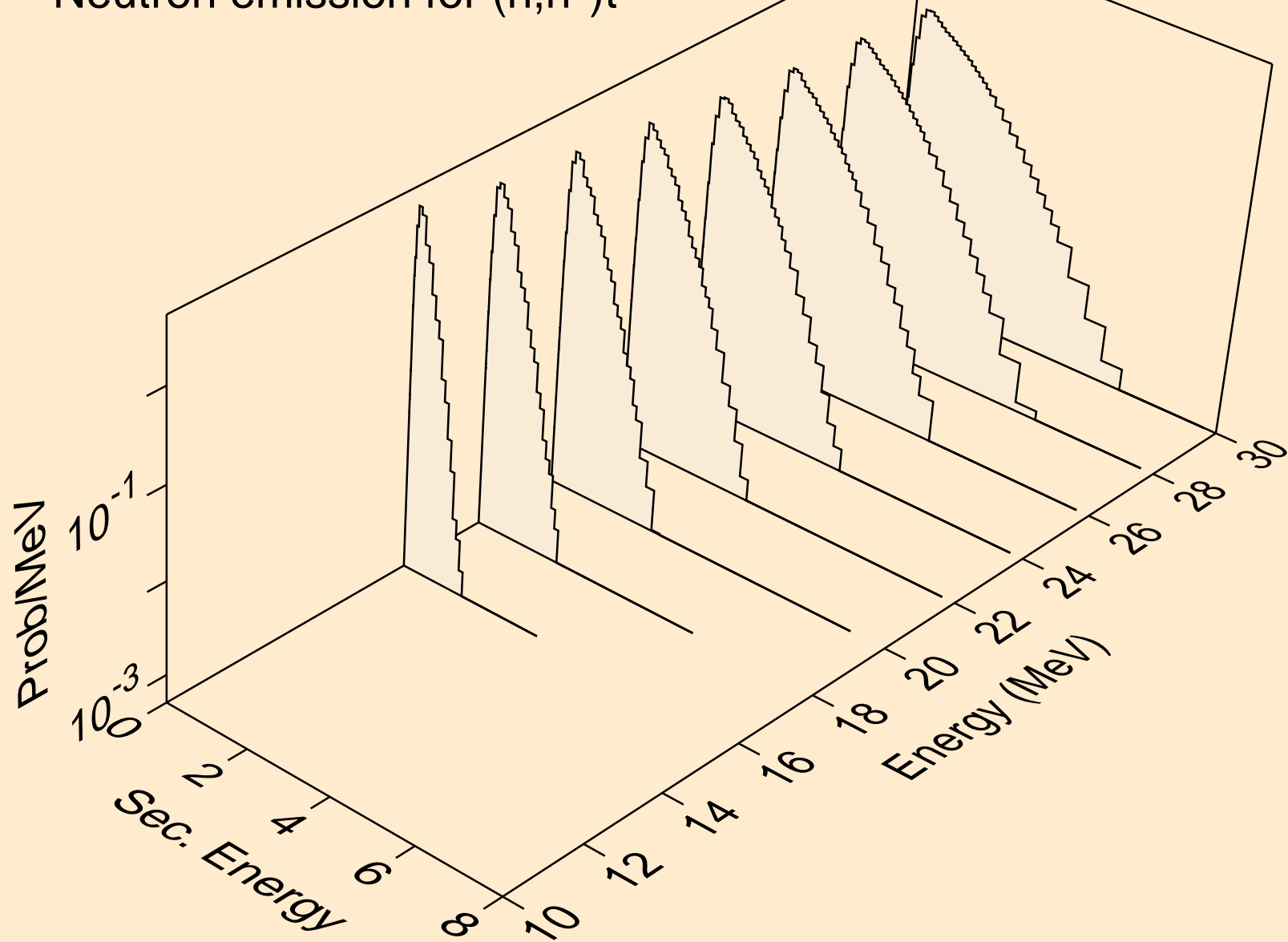
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



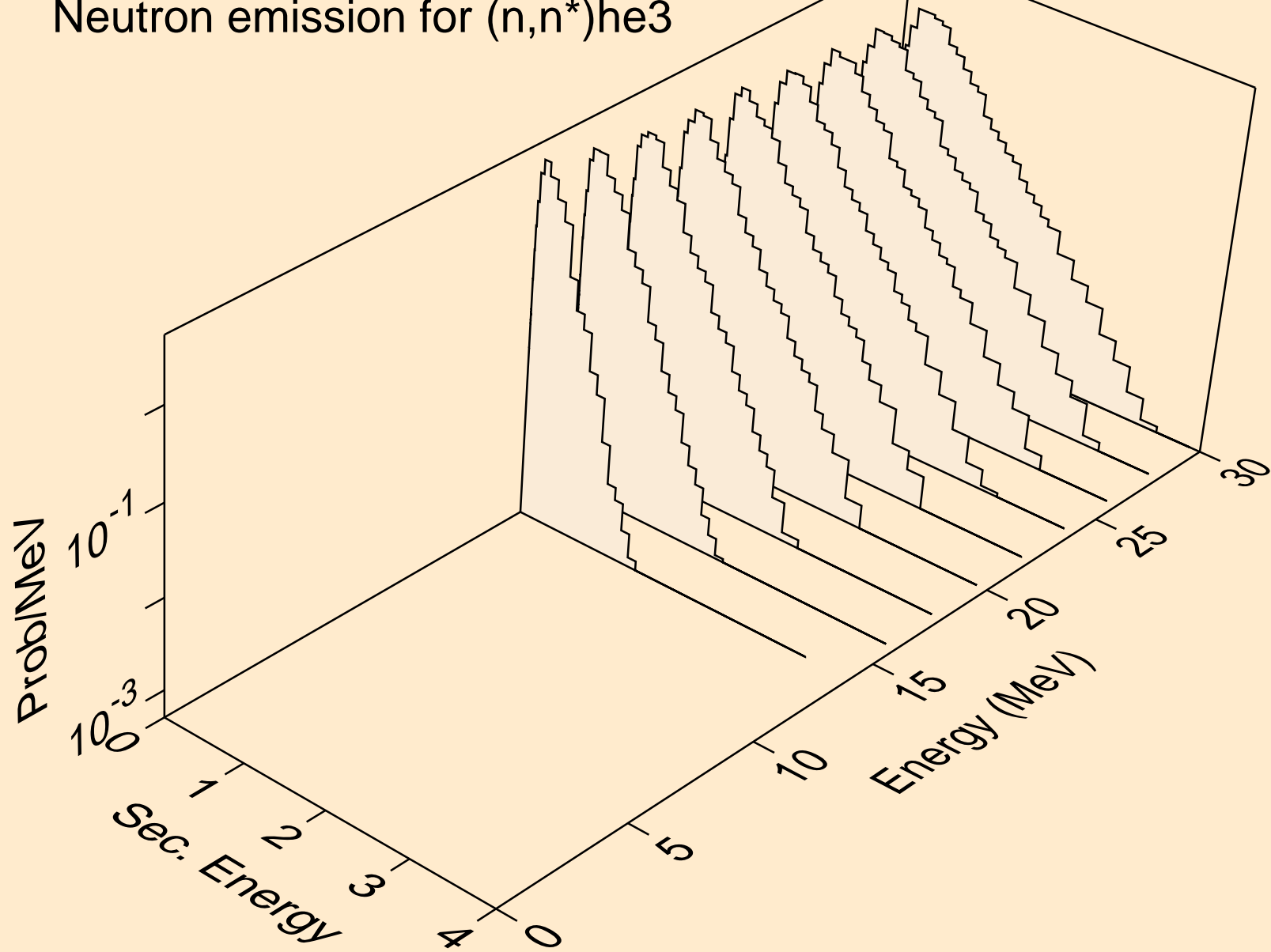
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



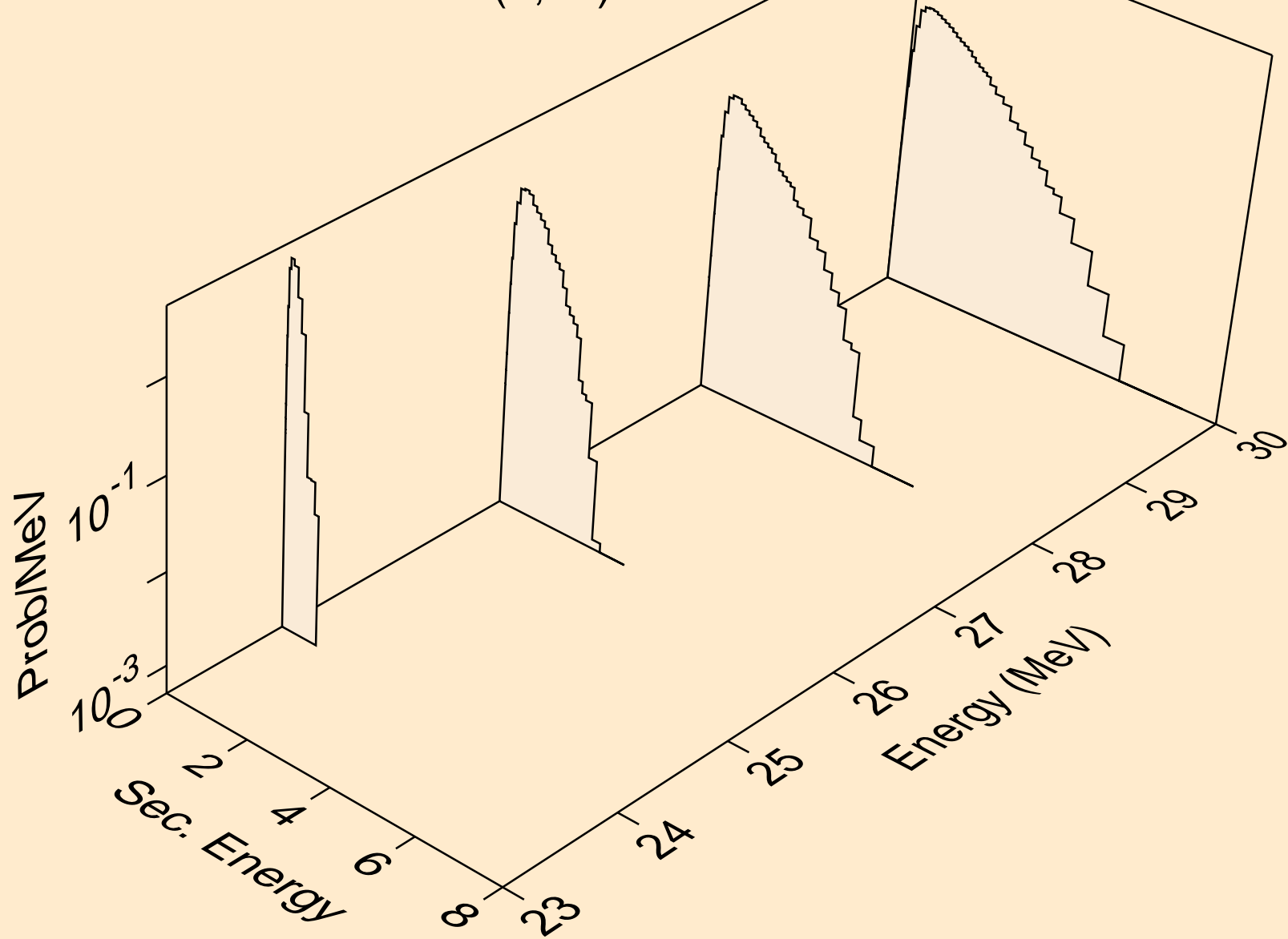
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



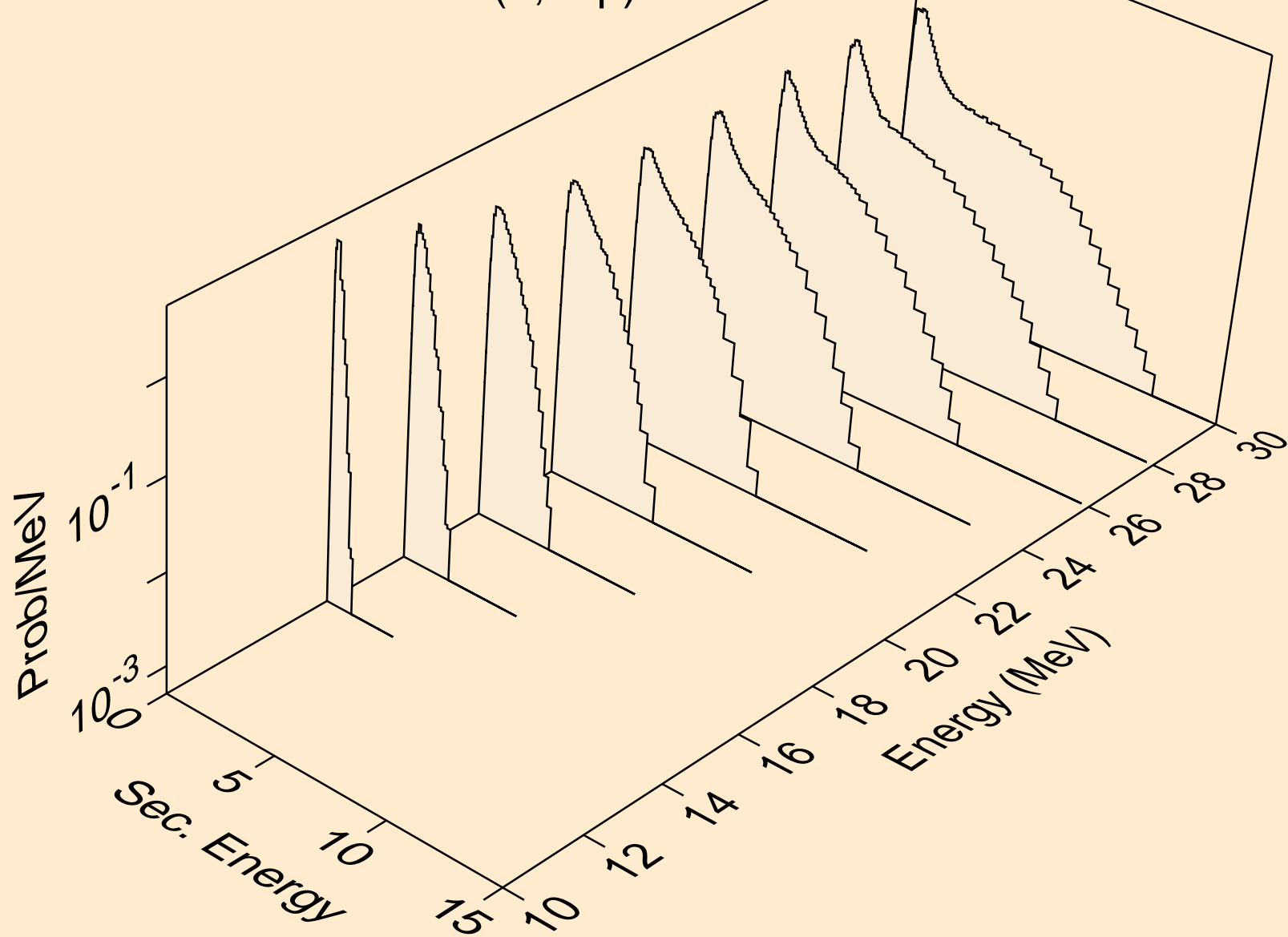
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



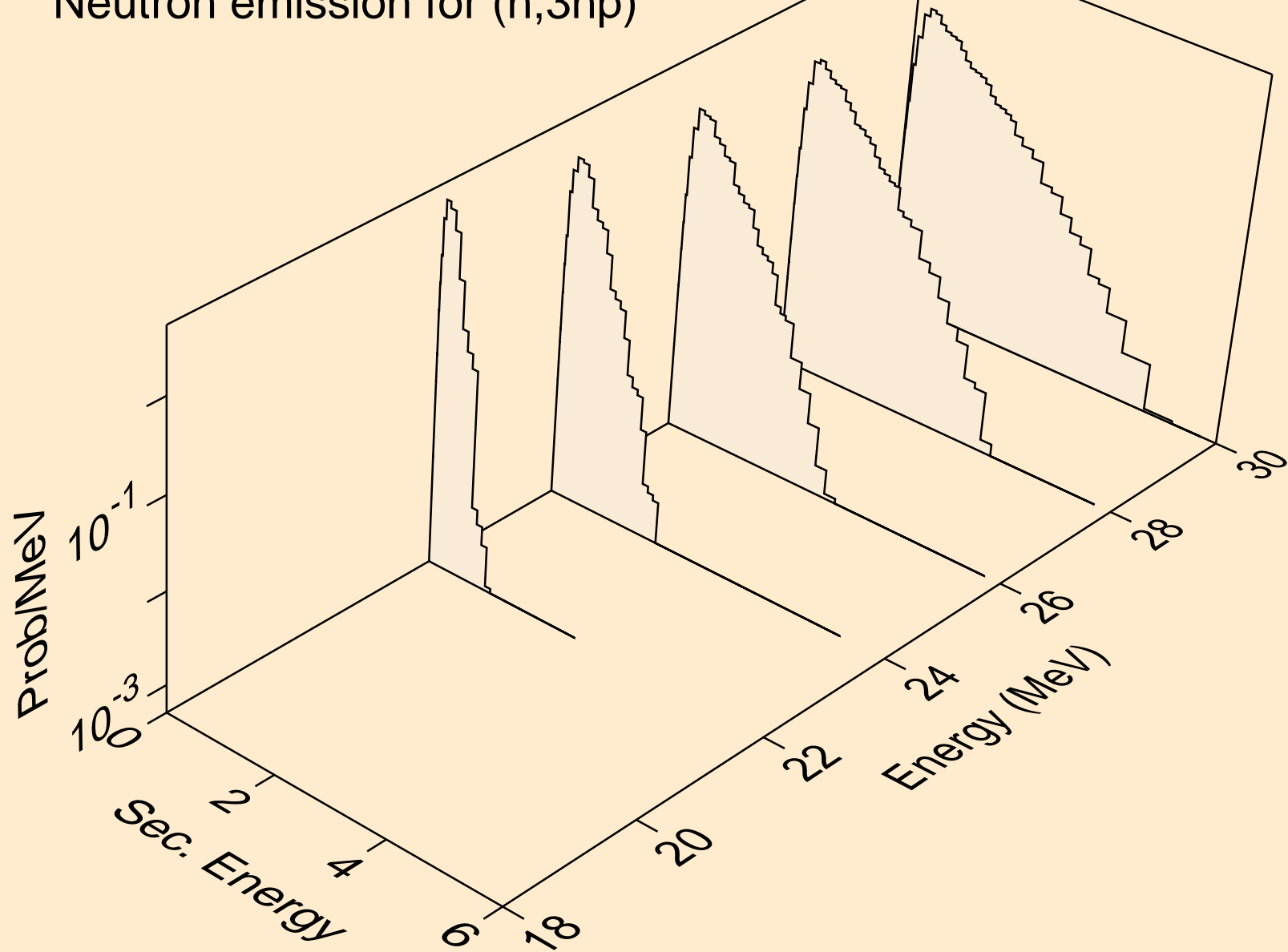
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,4n)



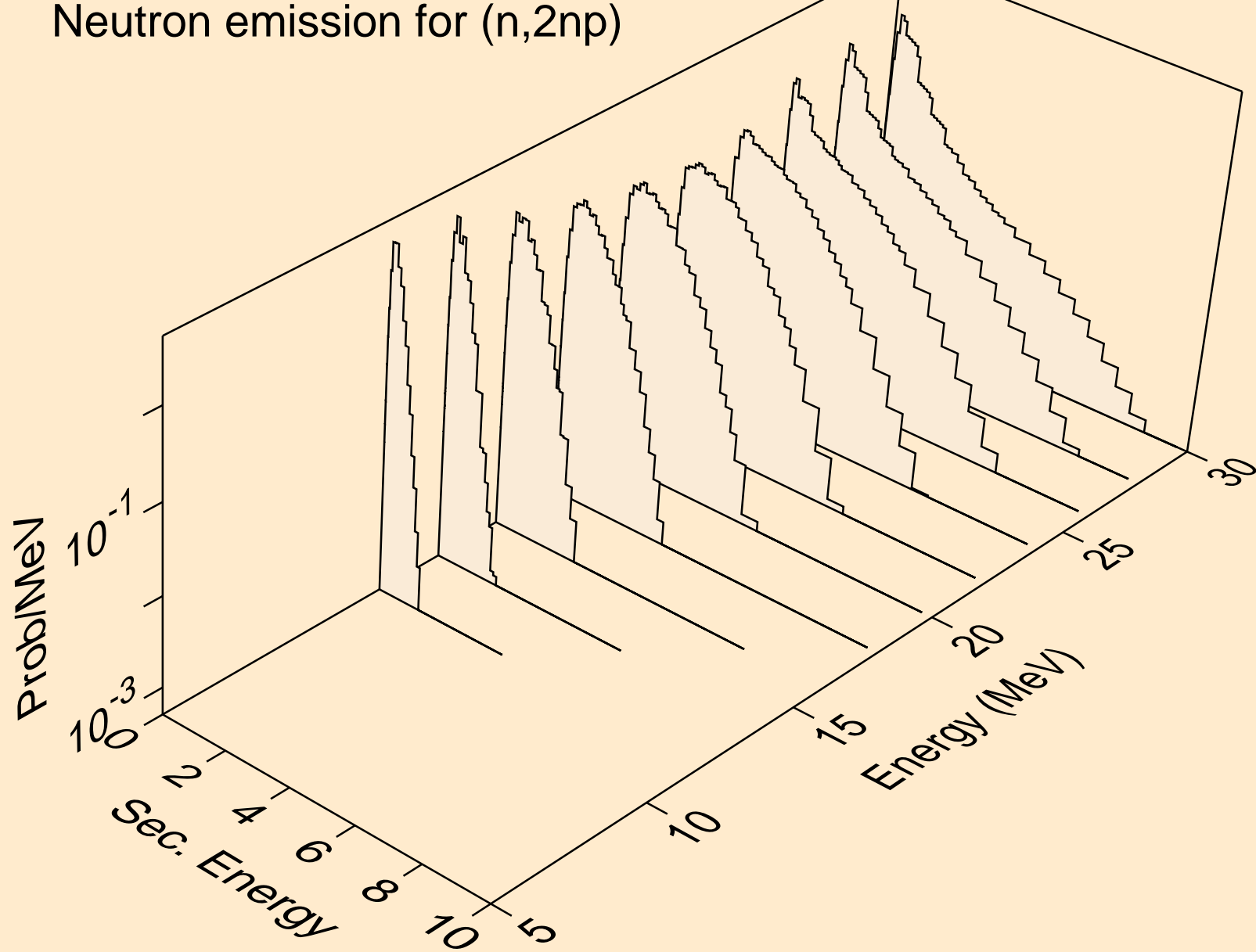
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



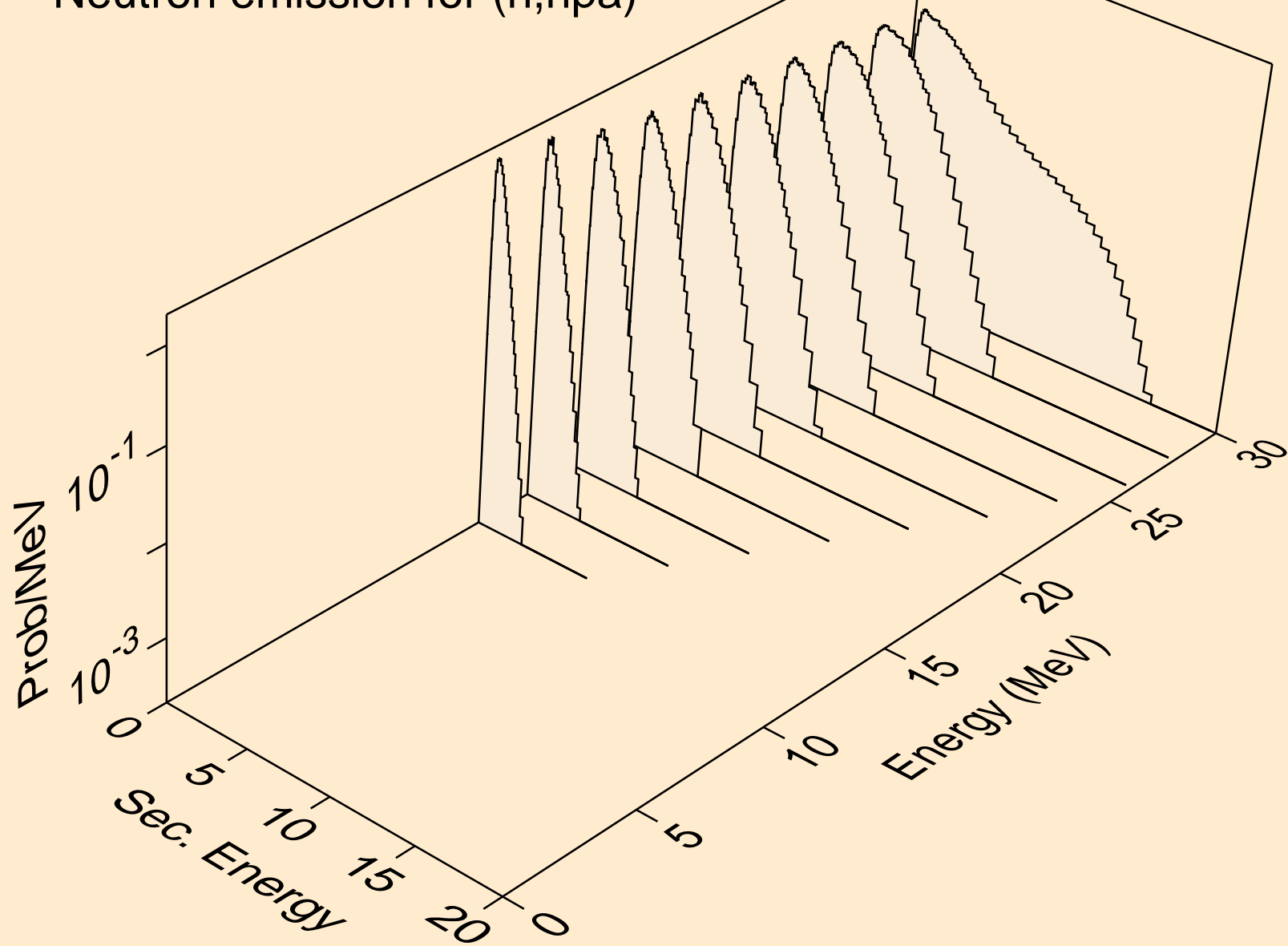
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3np)



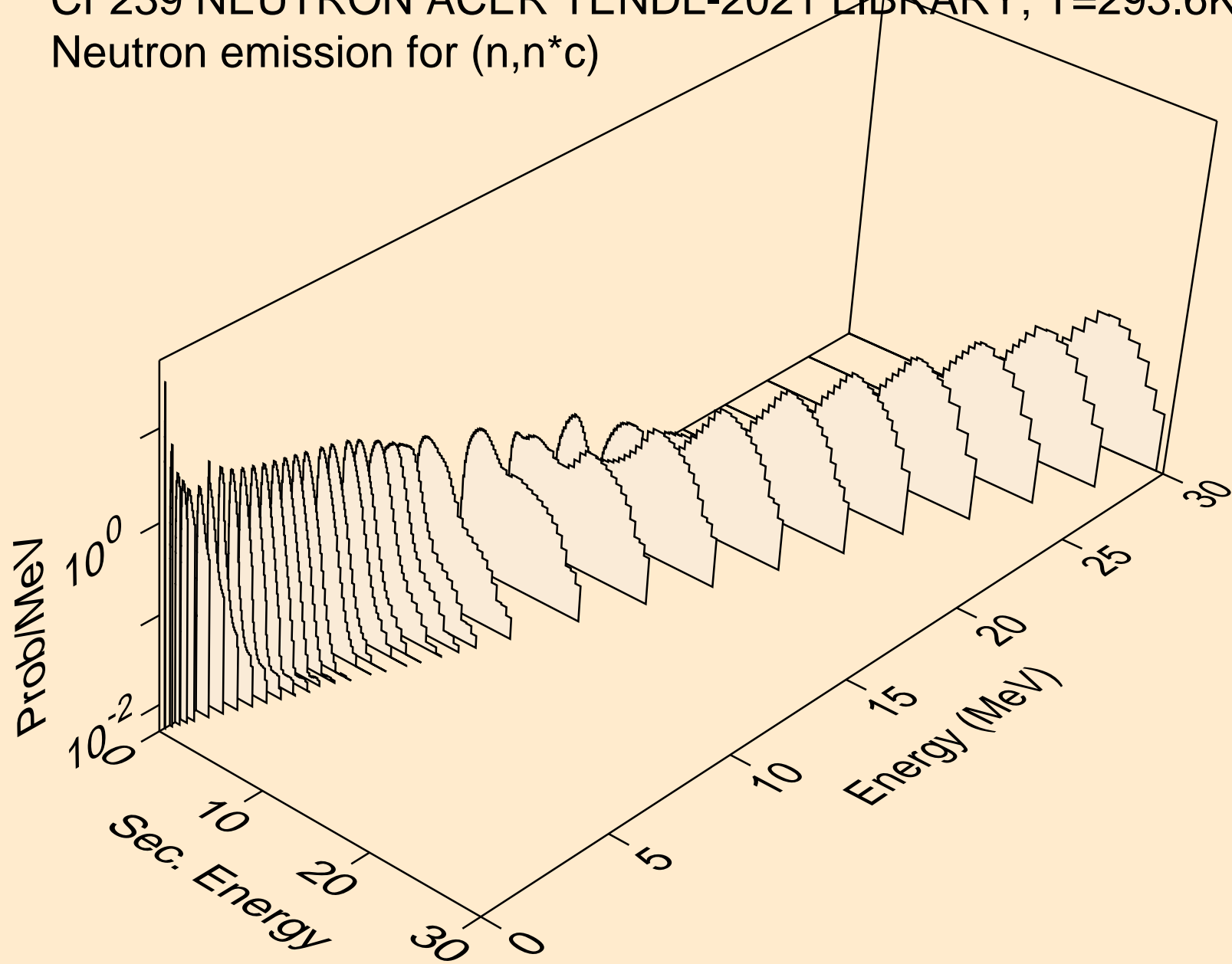
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,npa)

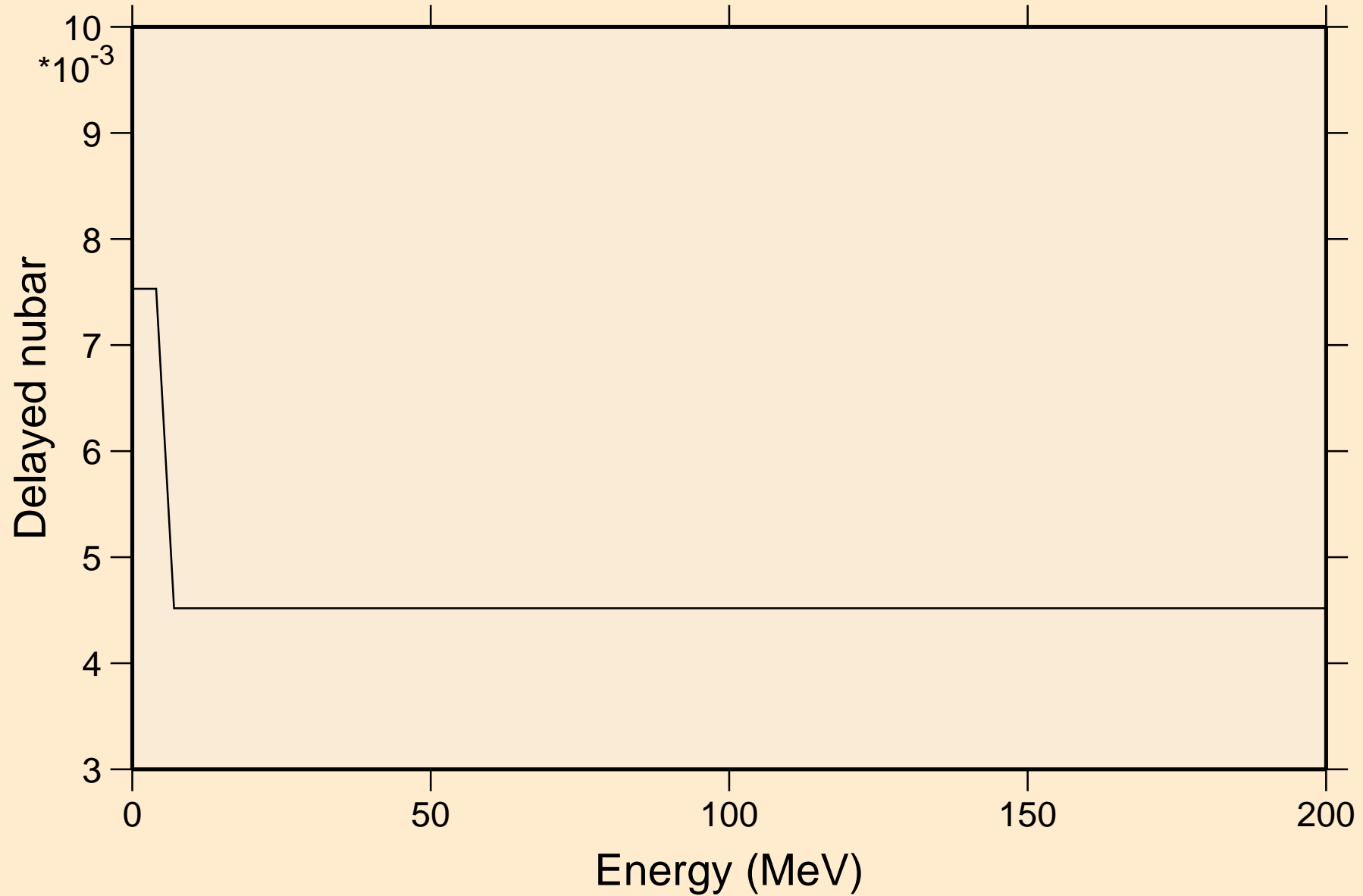


CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



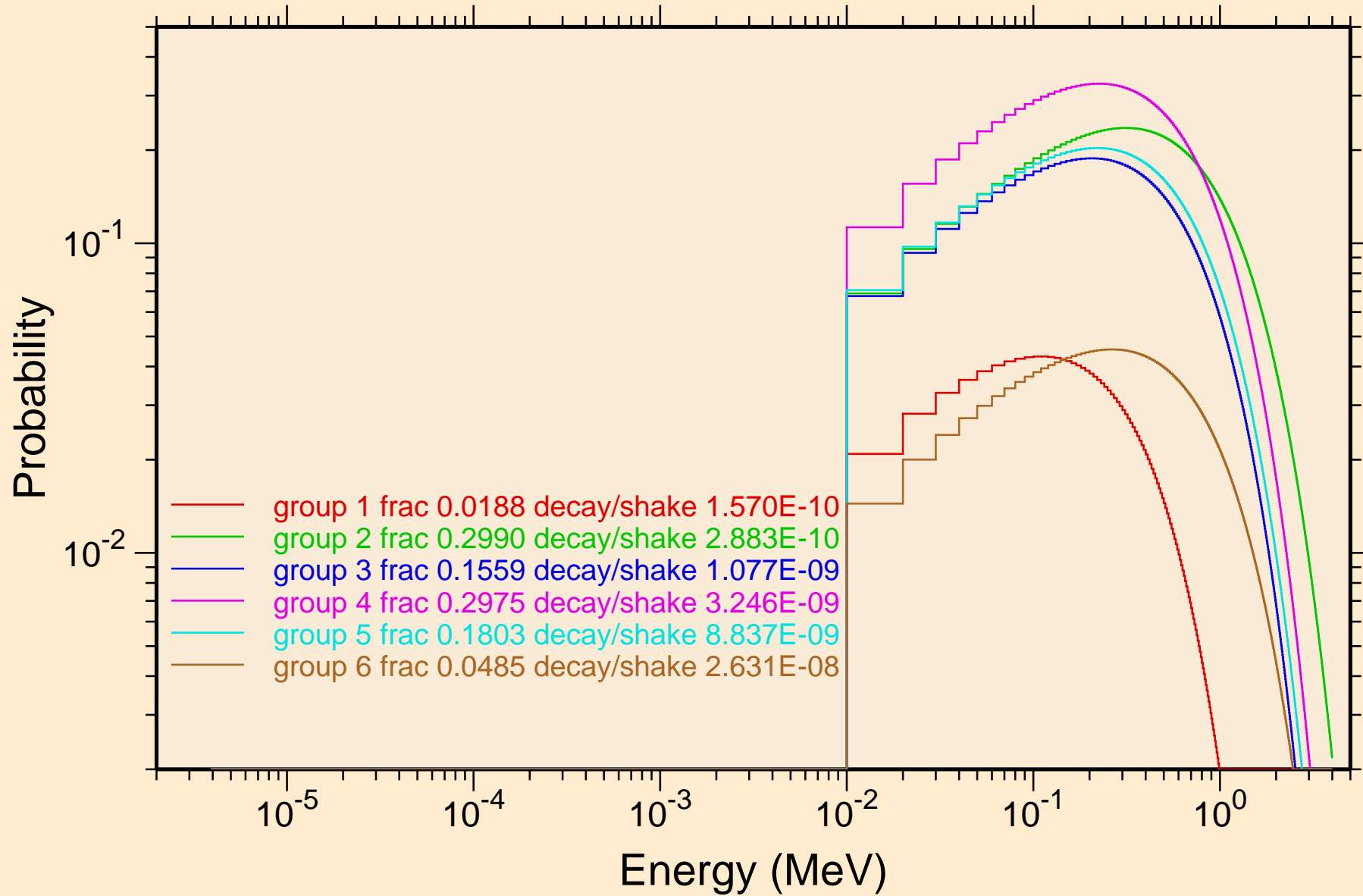
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Delayed nubar

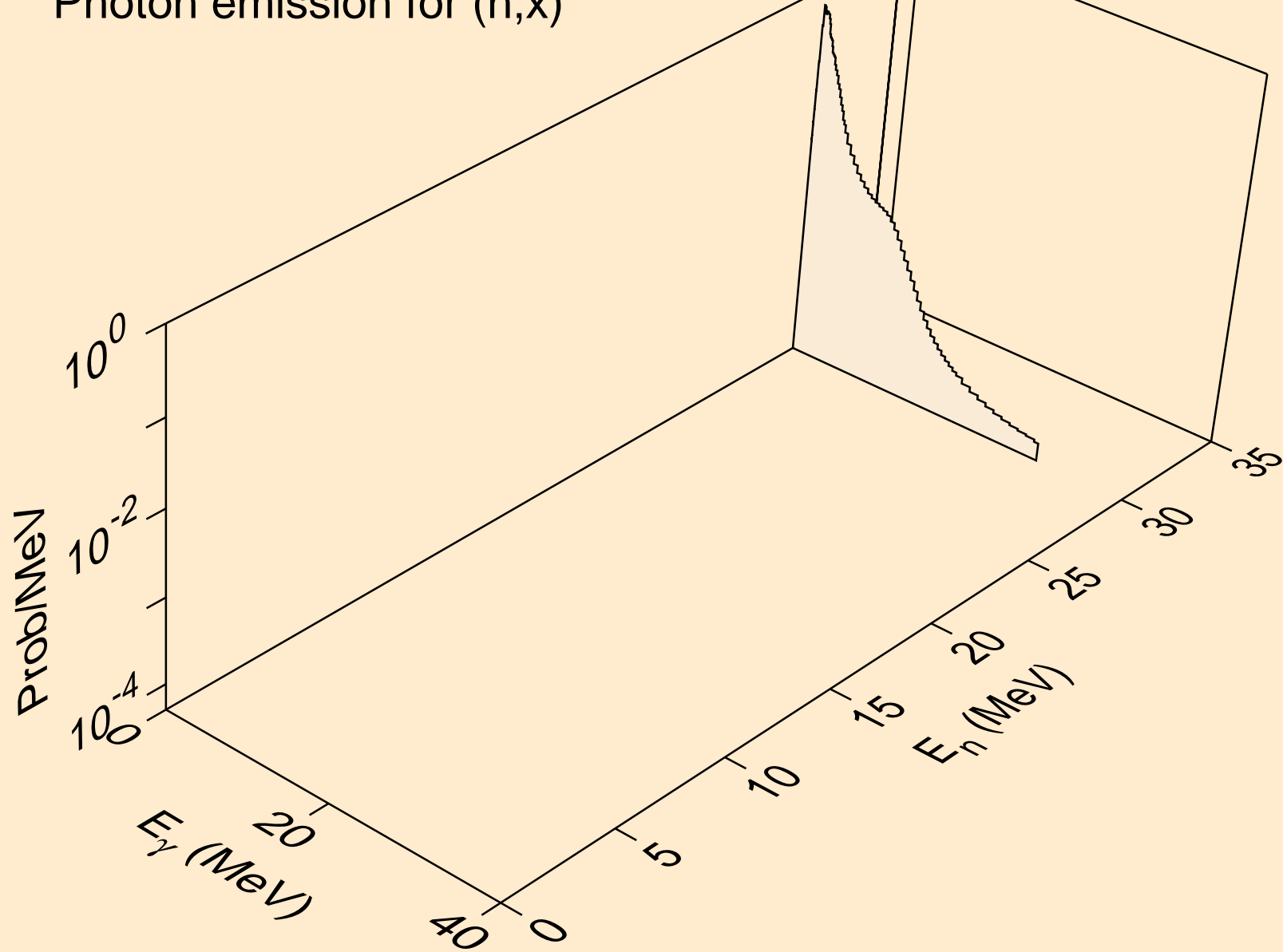


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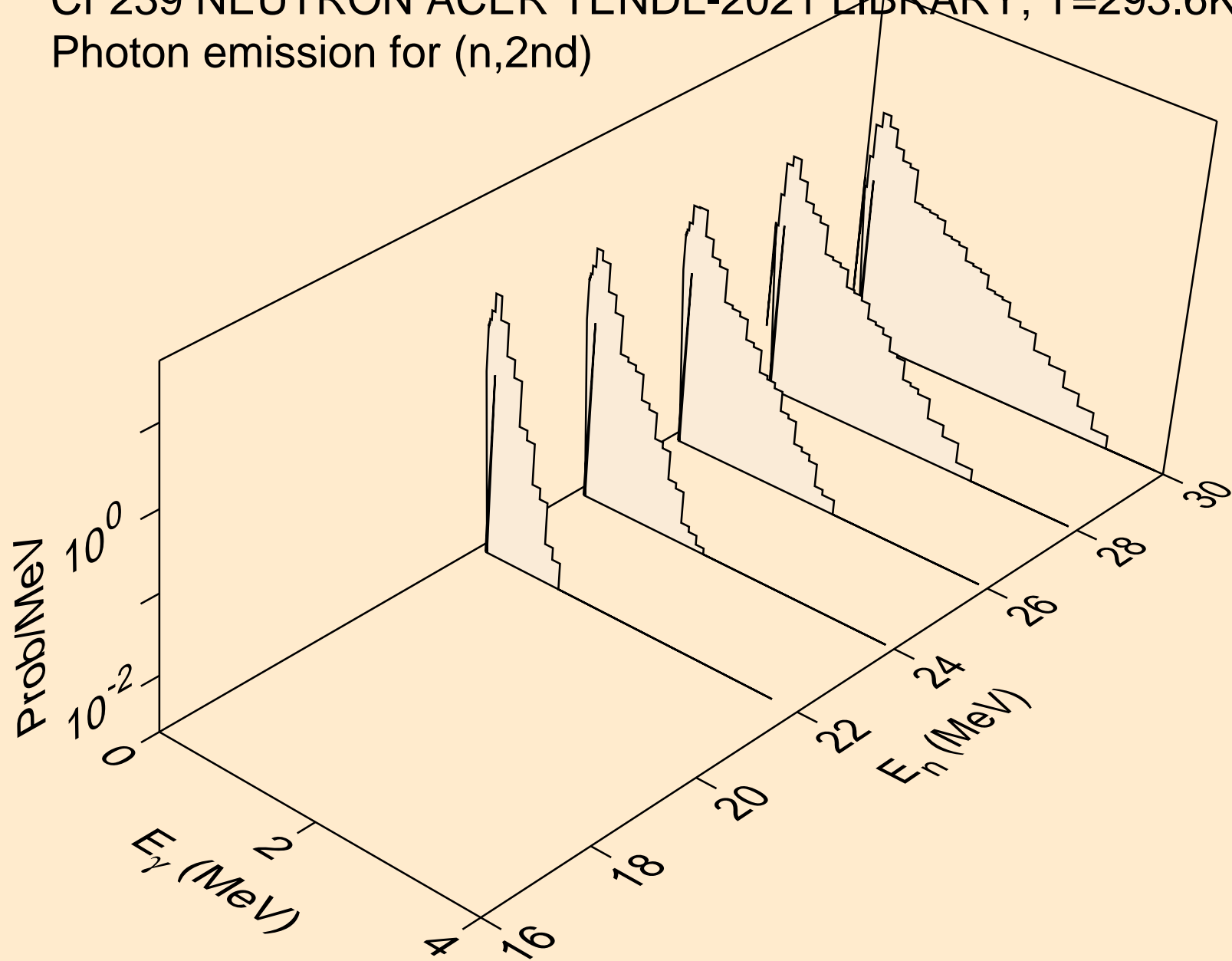
Delayed neutron spectra



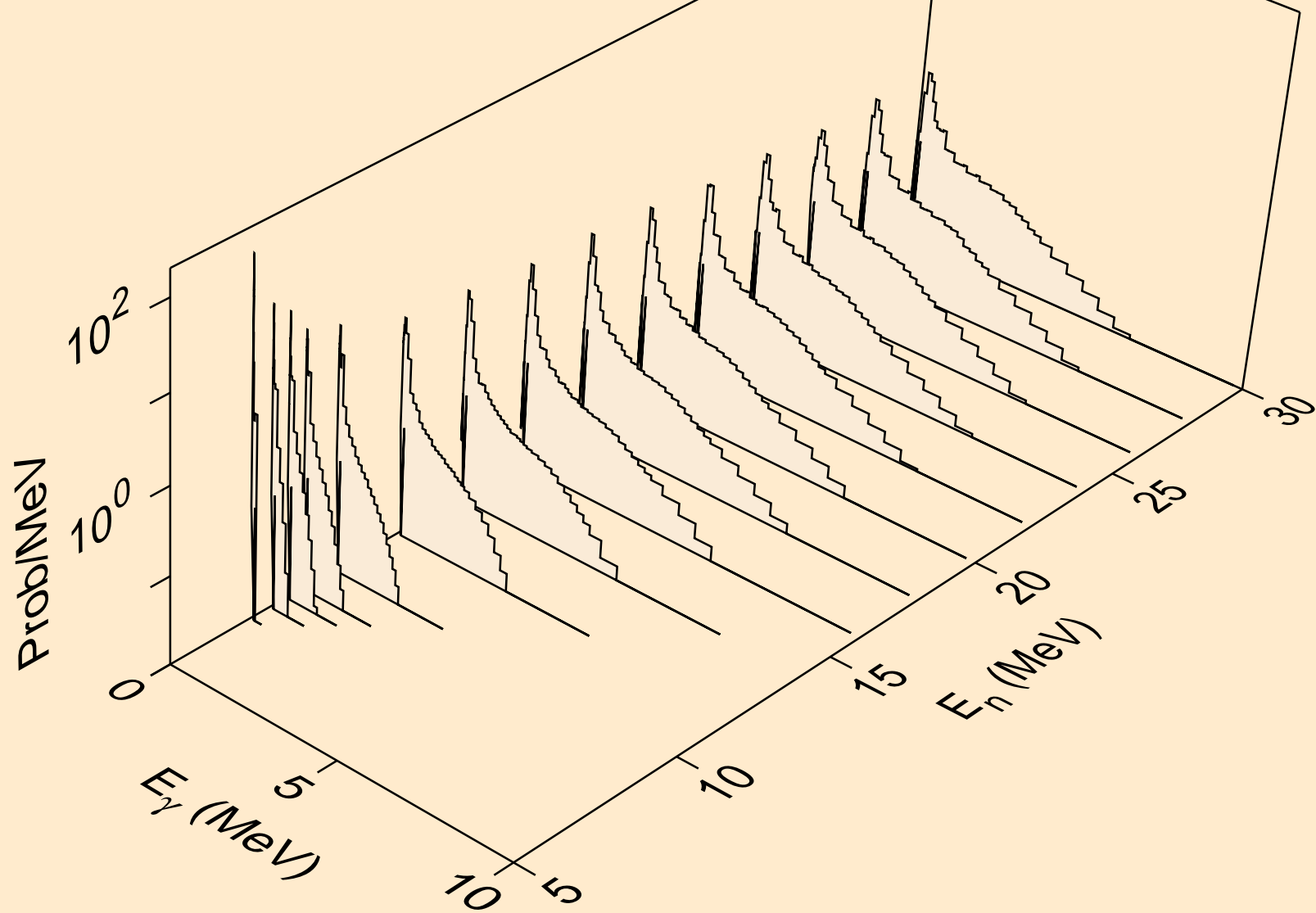
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,x)



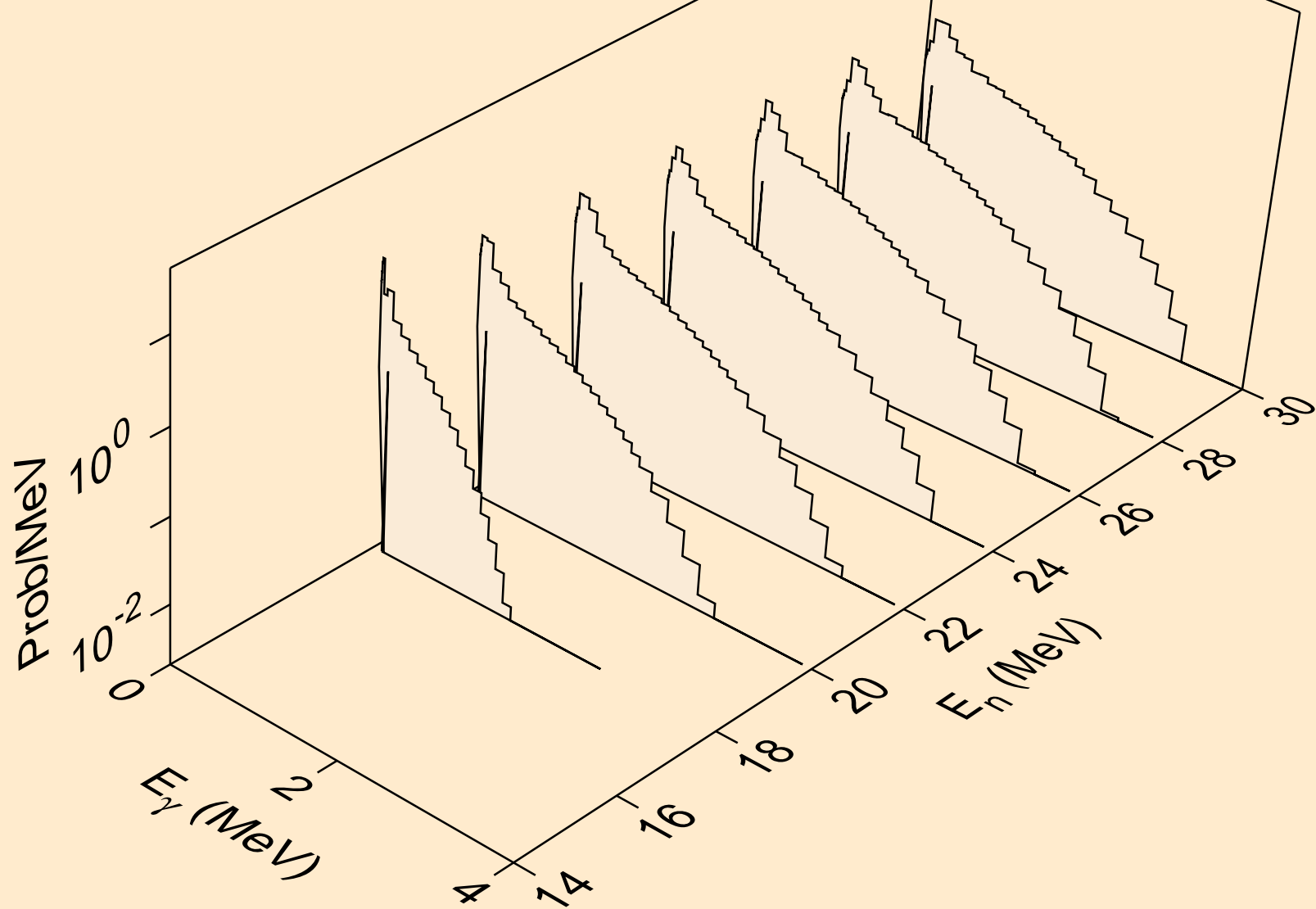
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Photon emission for (n,2nd)



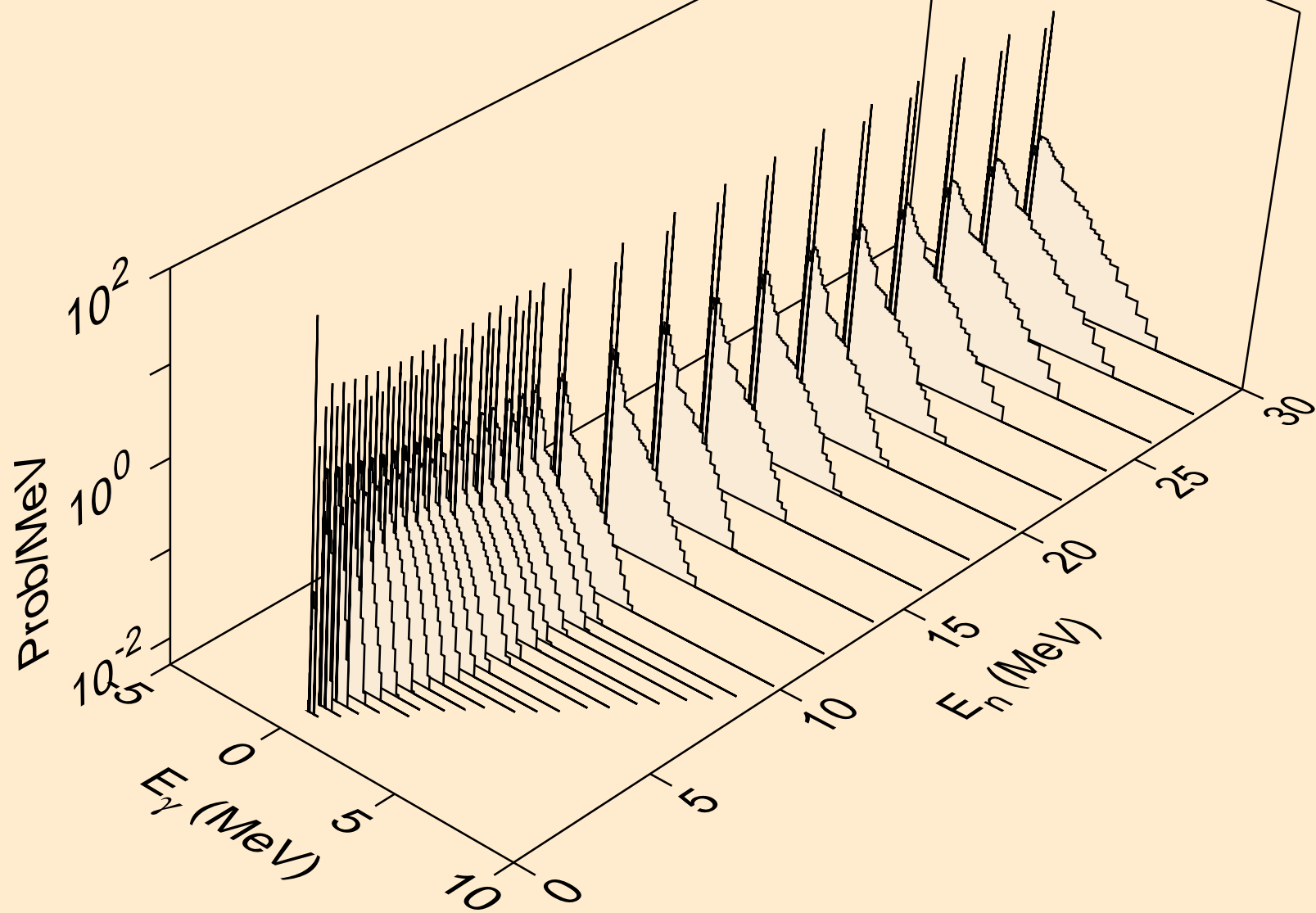
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Photon emission for (n,2n)



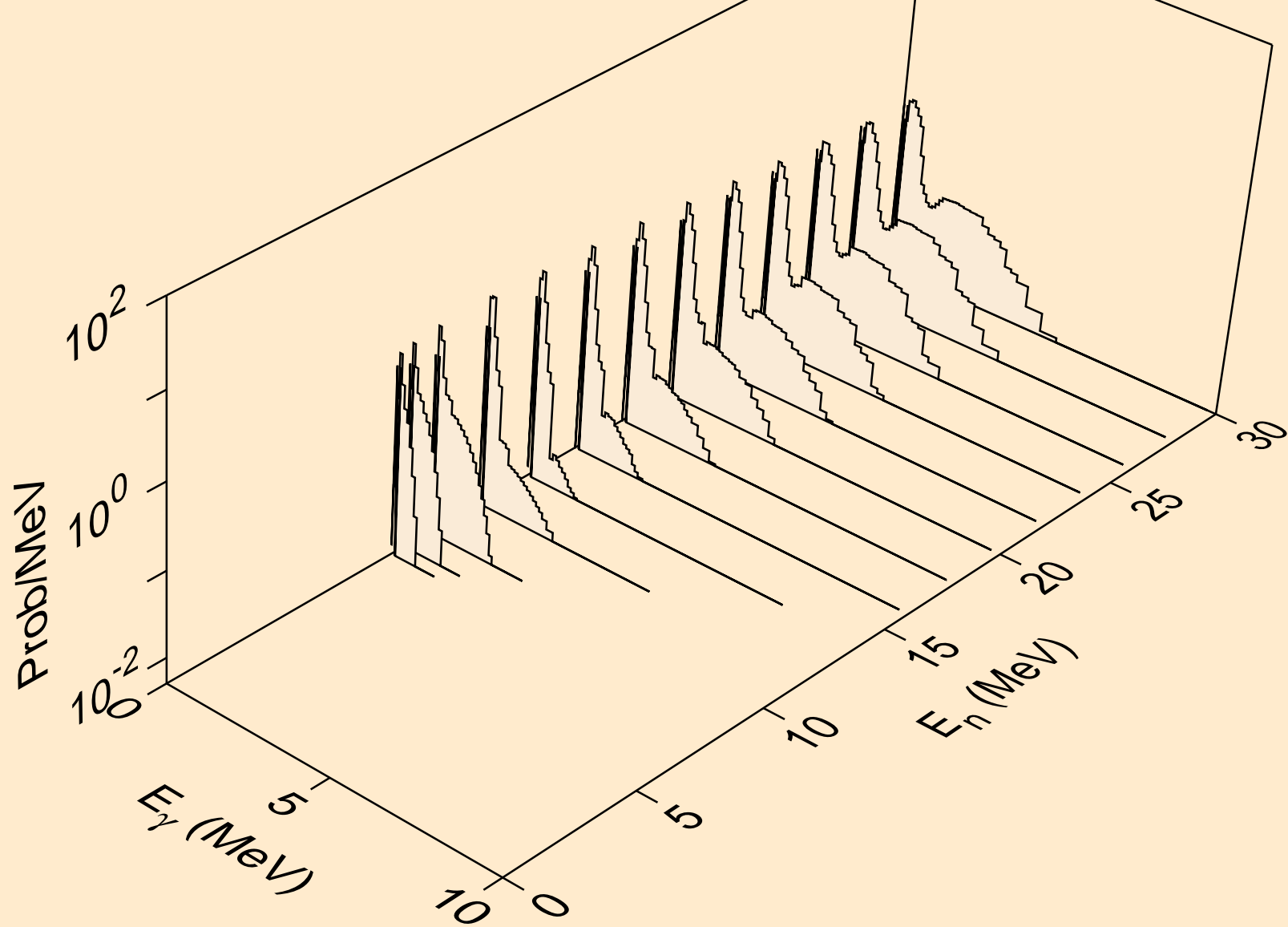
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Photon emission for (n,3n)



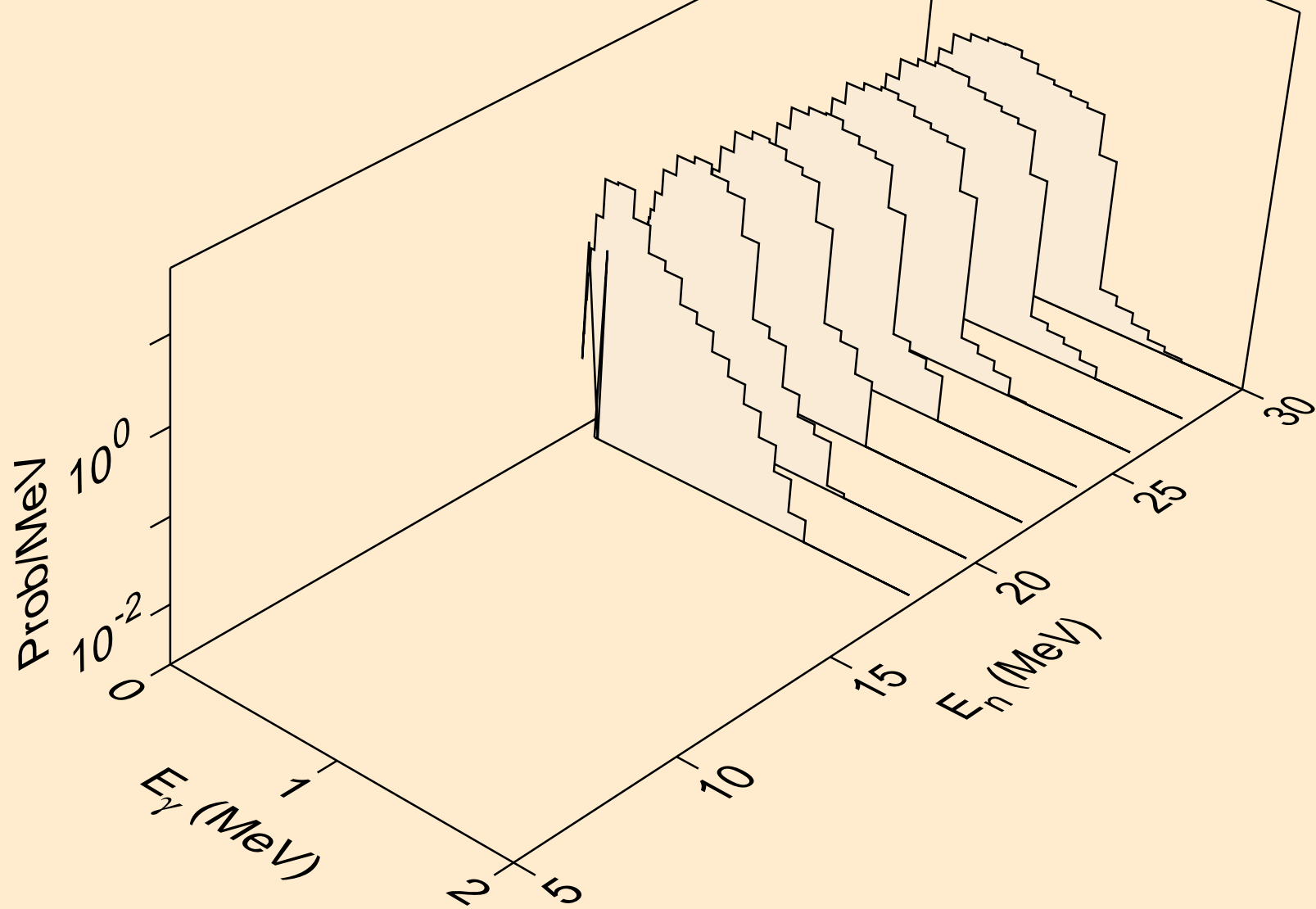
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)a



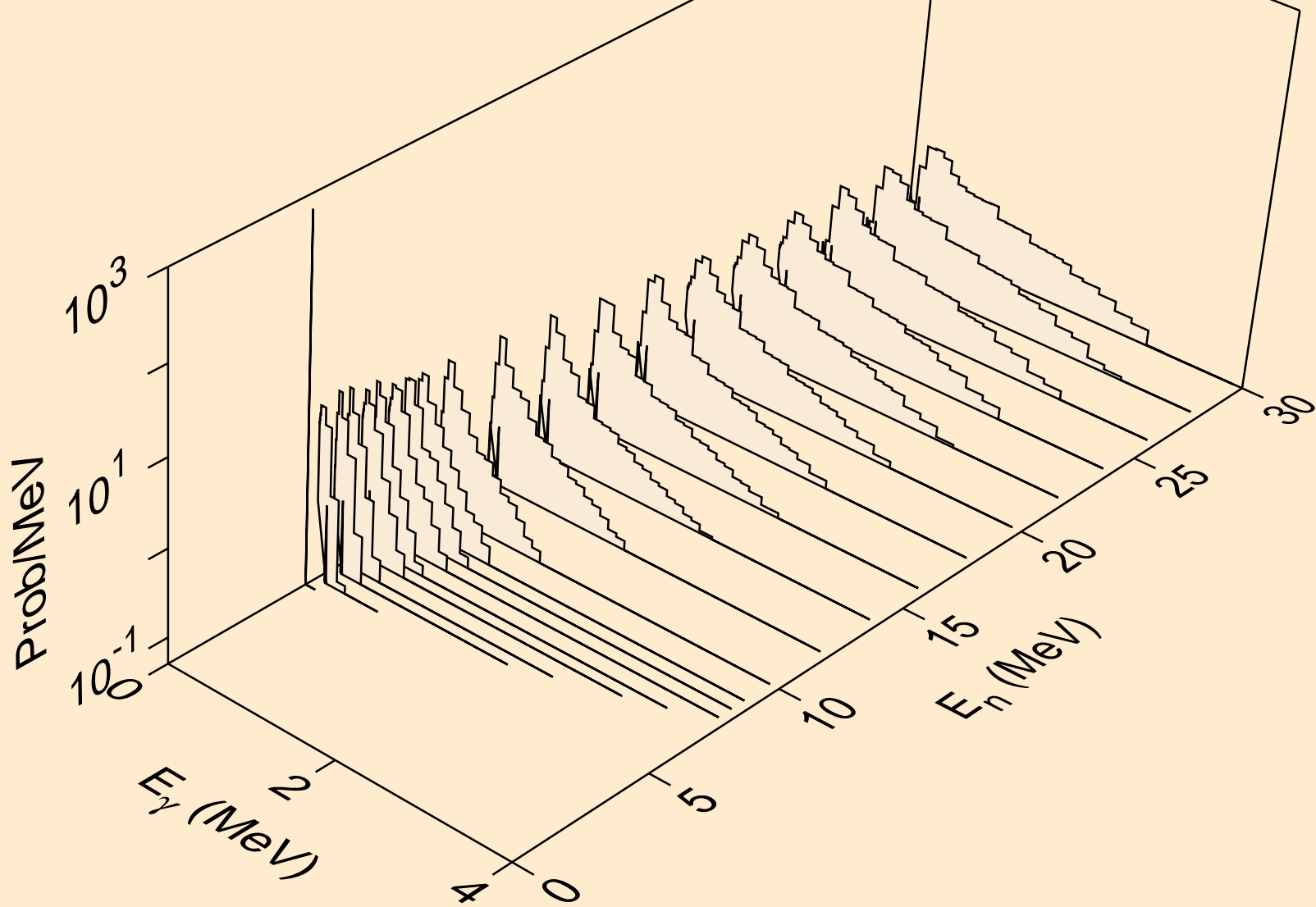
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Photon emission for (n,2n)a



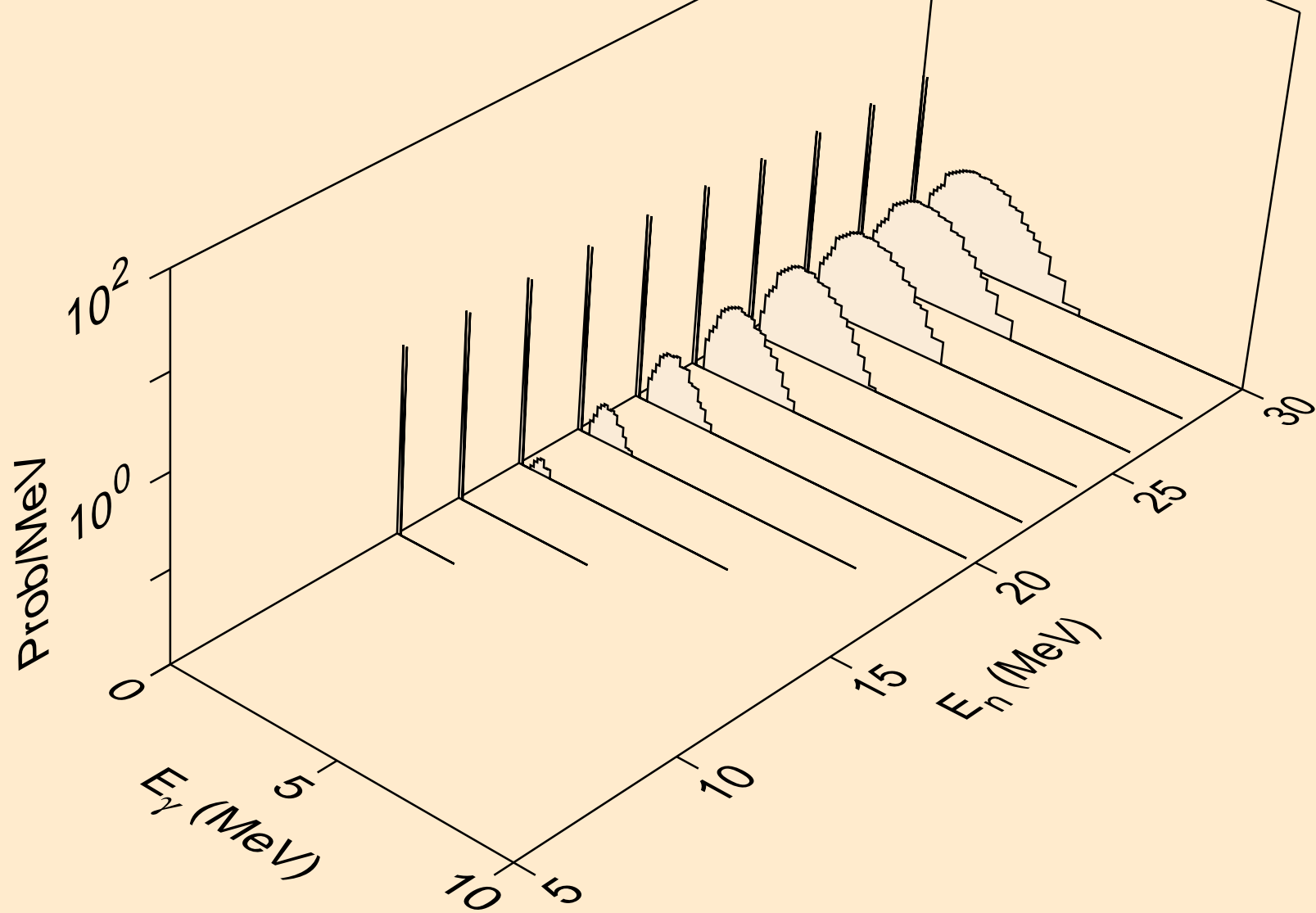
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Photon emission for (n,3n)a



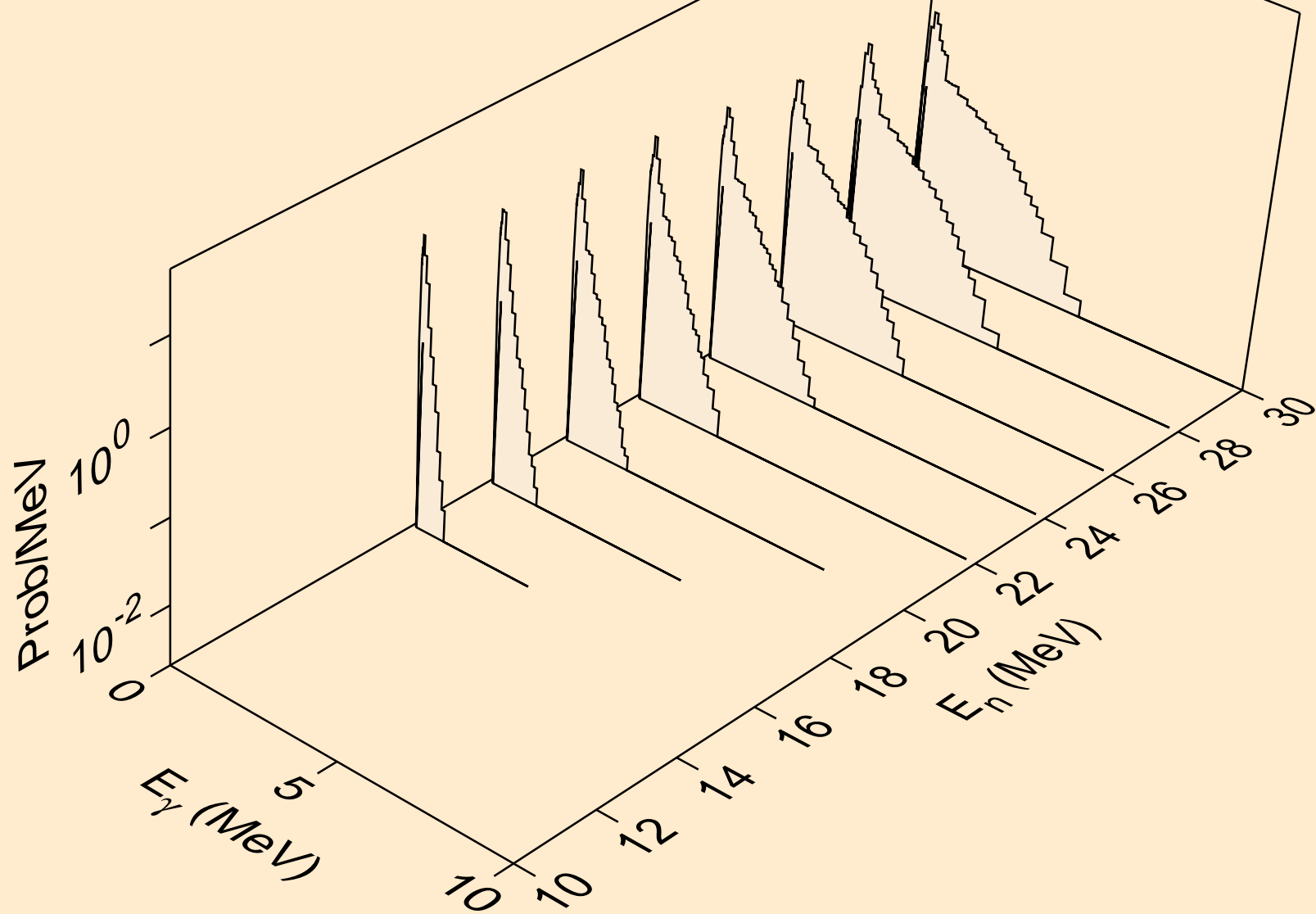
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)p



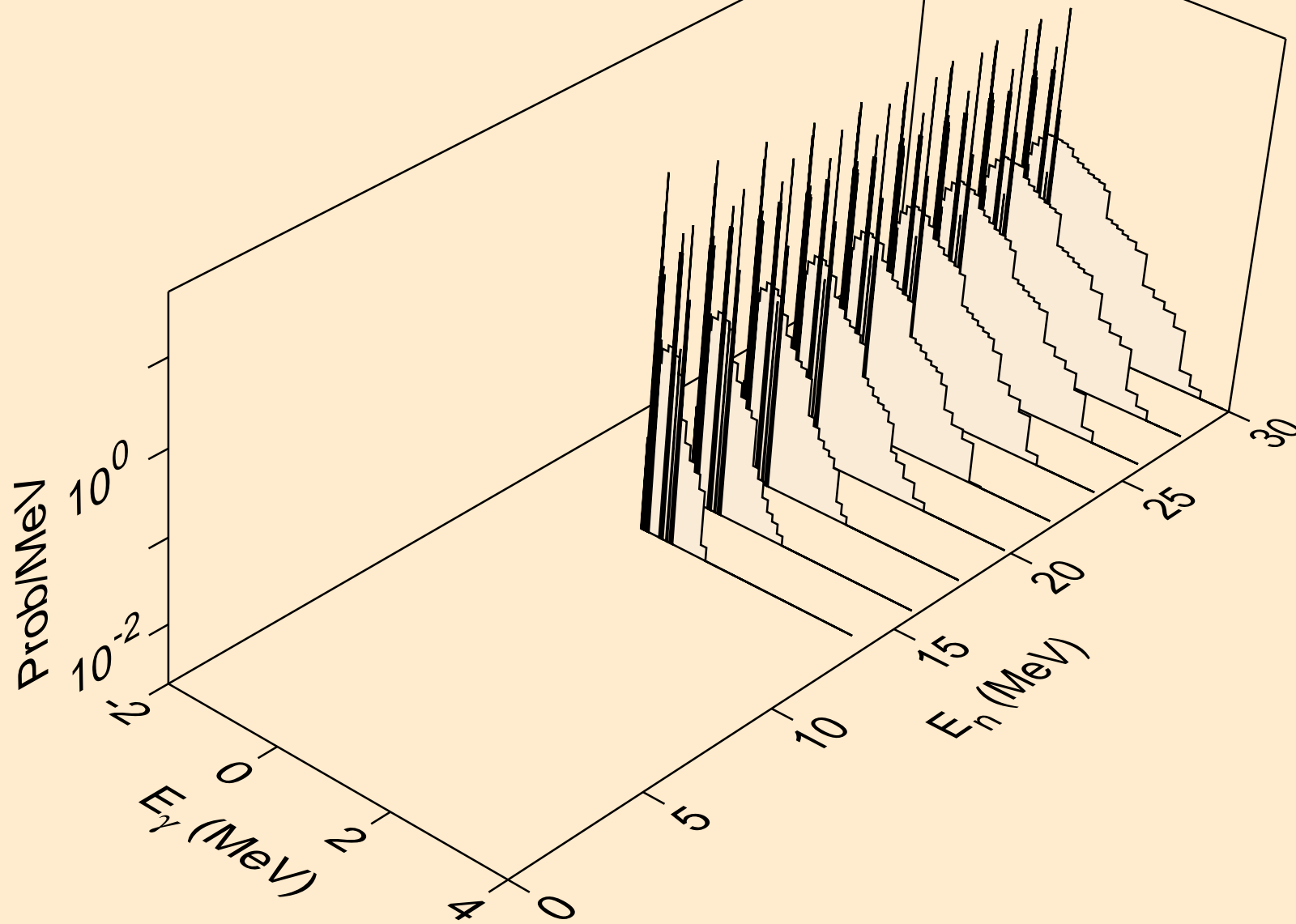
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)d



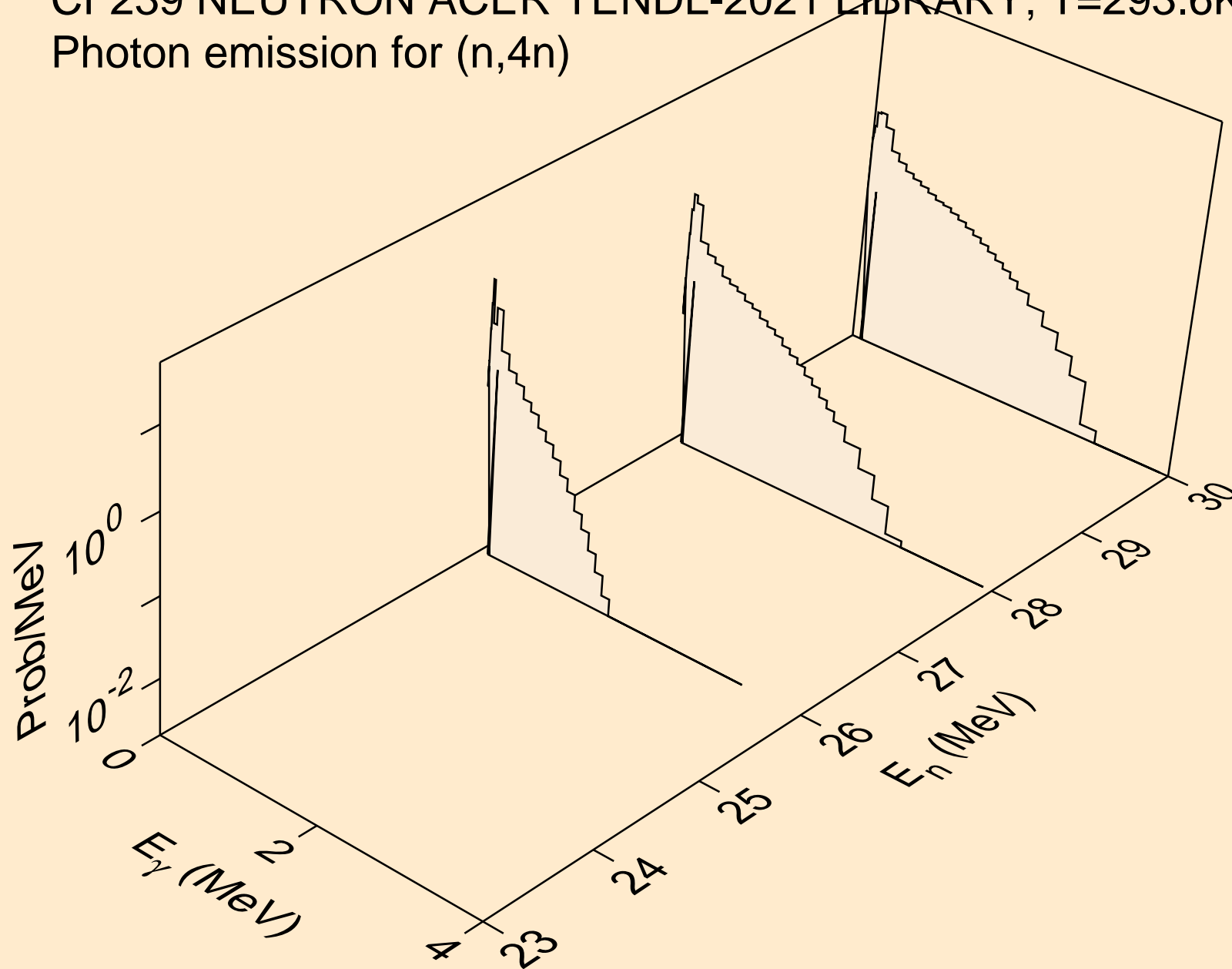
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)t



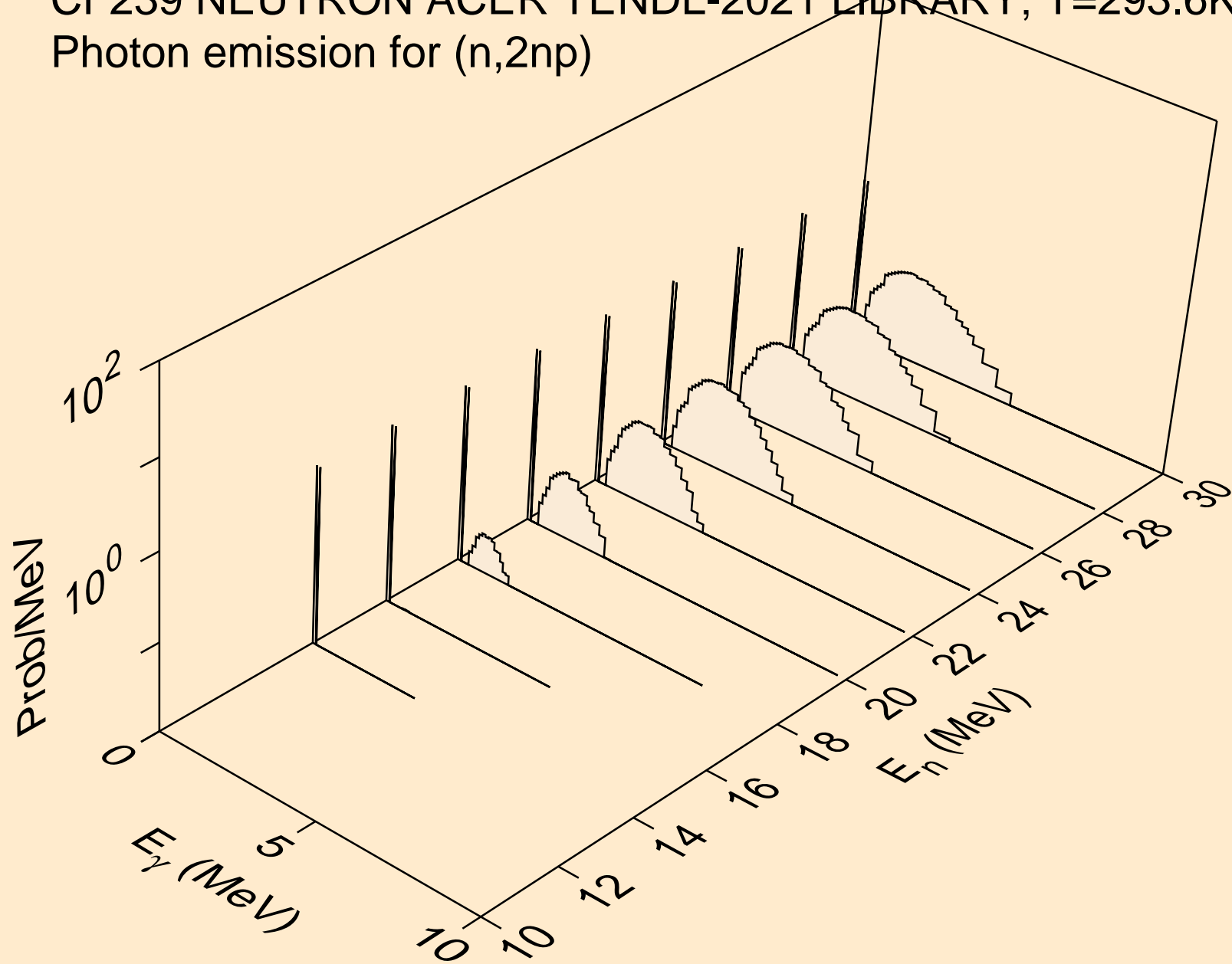
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



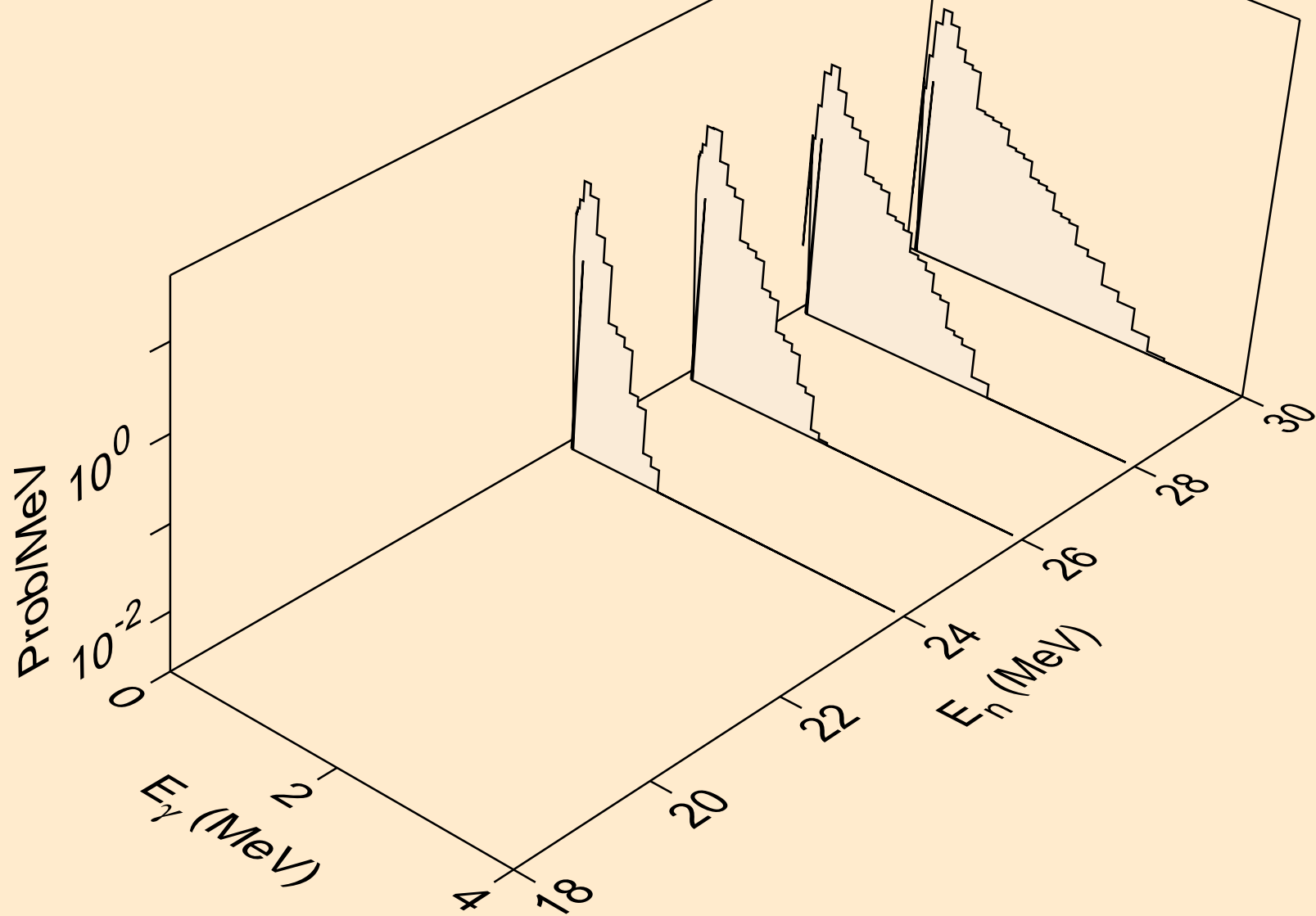
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,4n)



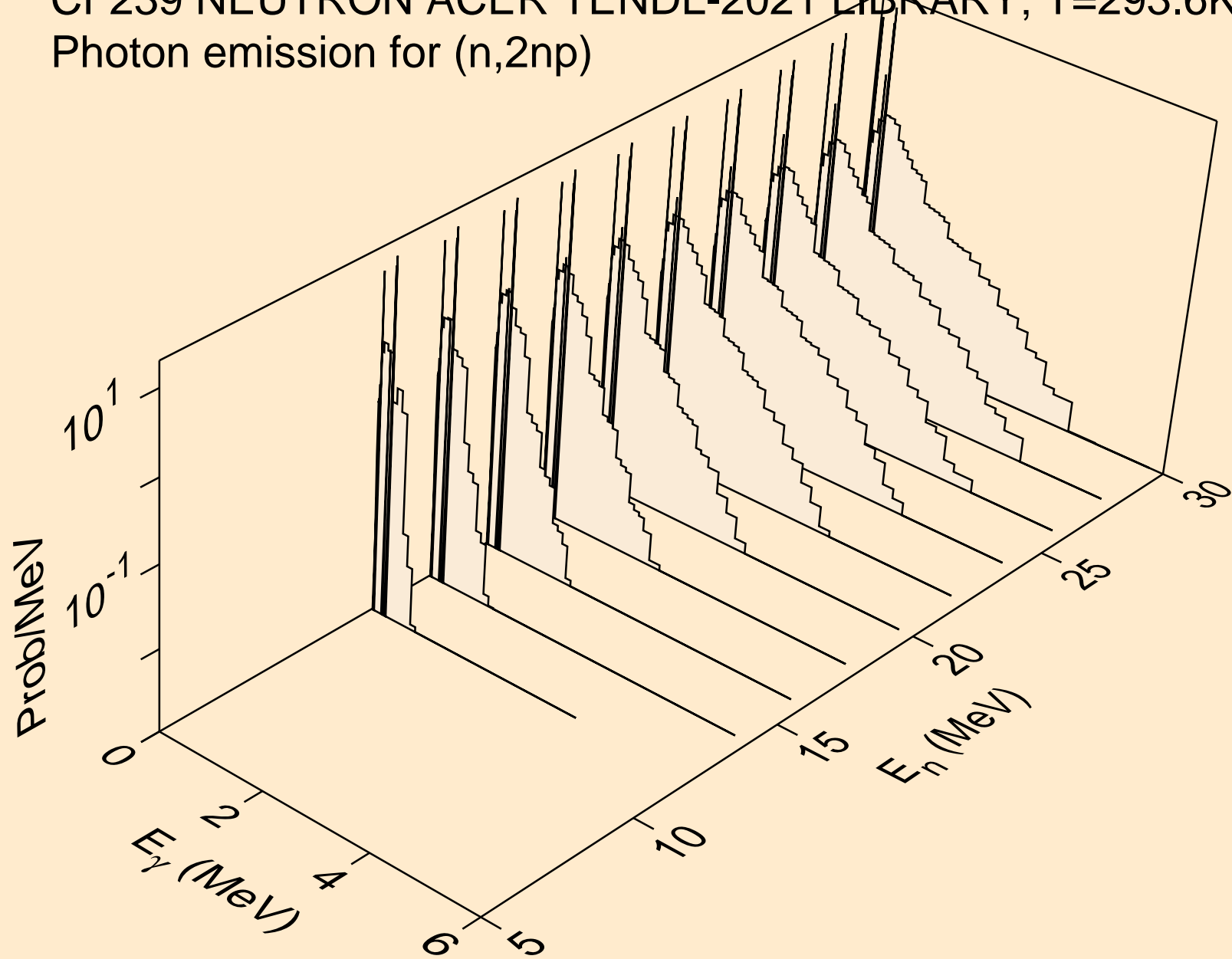
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Photon emission for (n,2np)



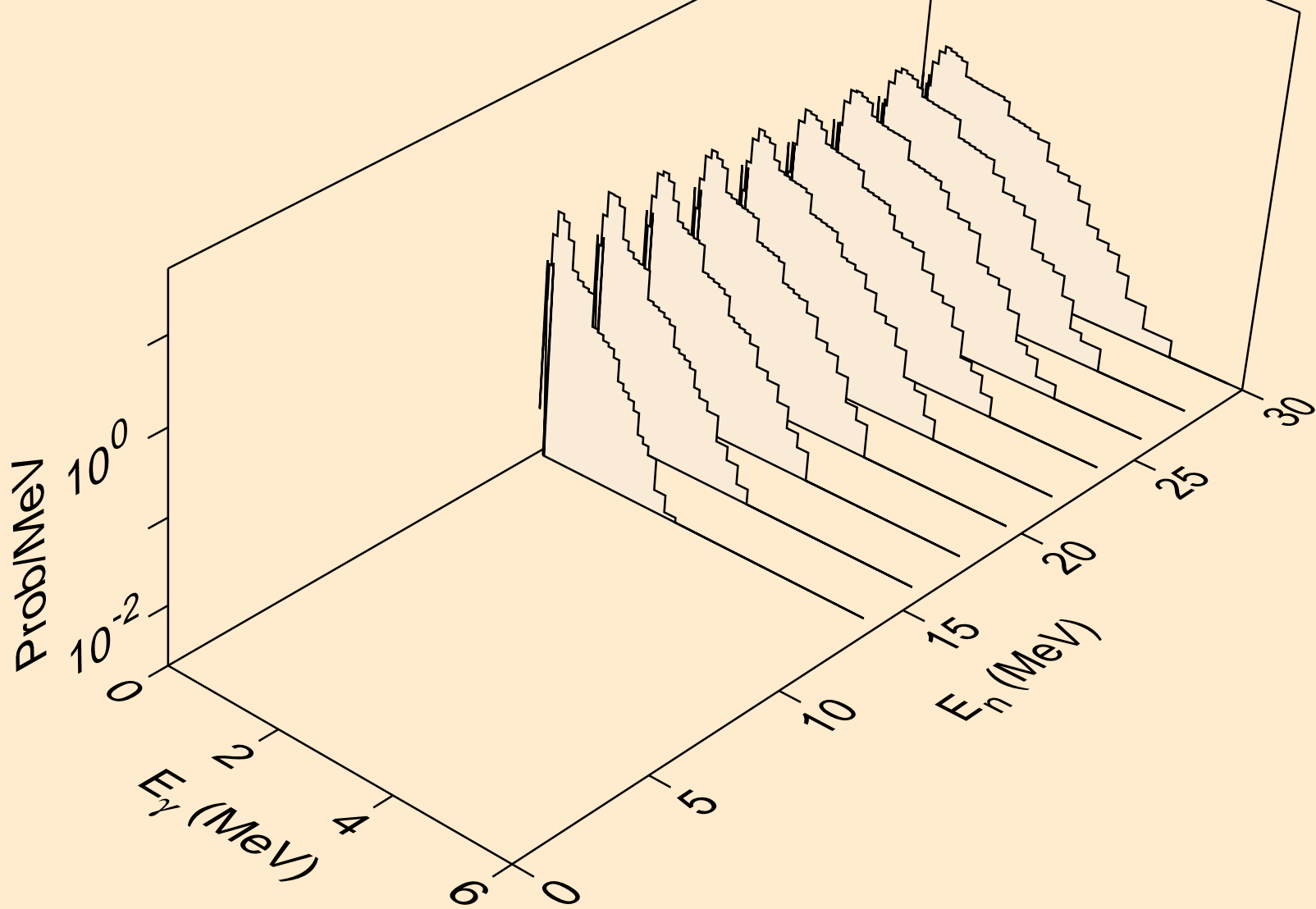
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Photon emission for (n,3np)



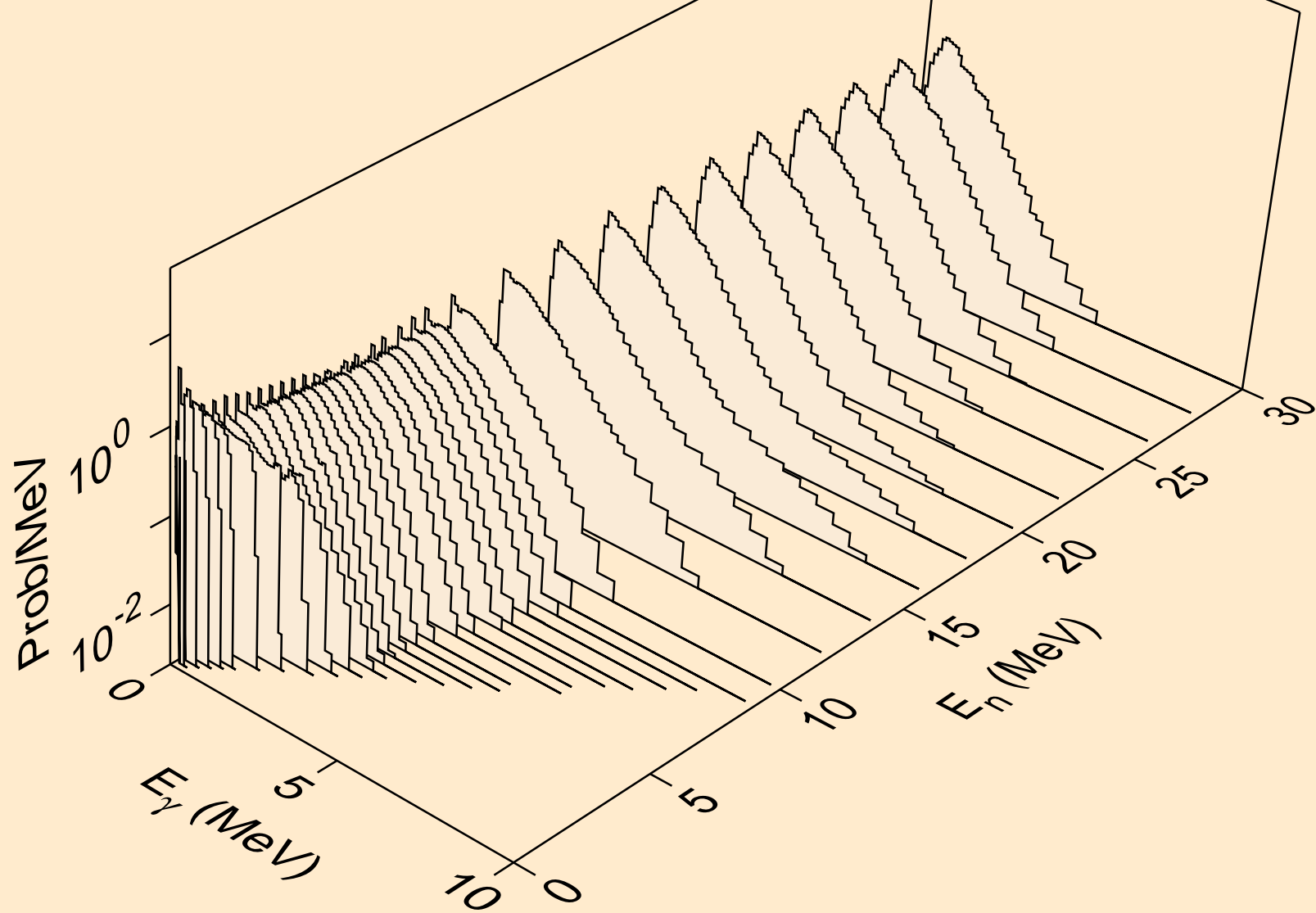
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Photon emission for (n,2np)



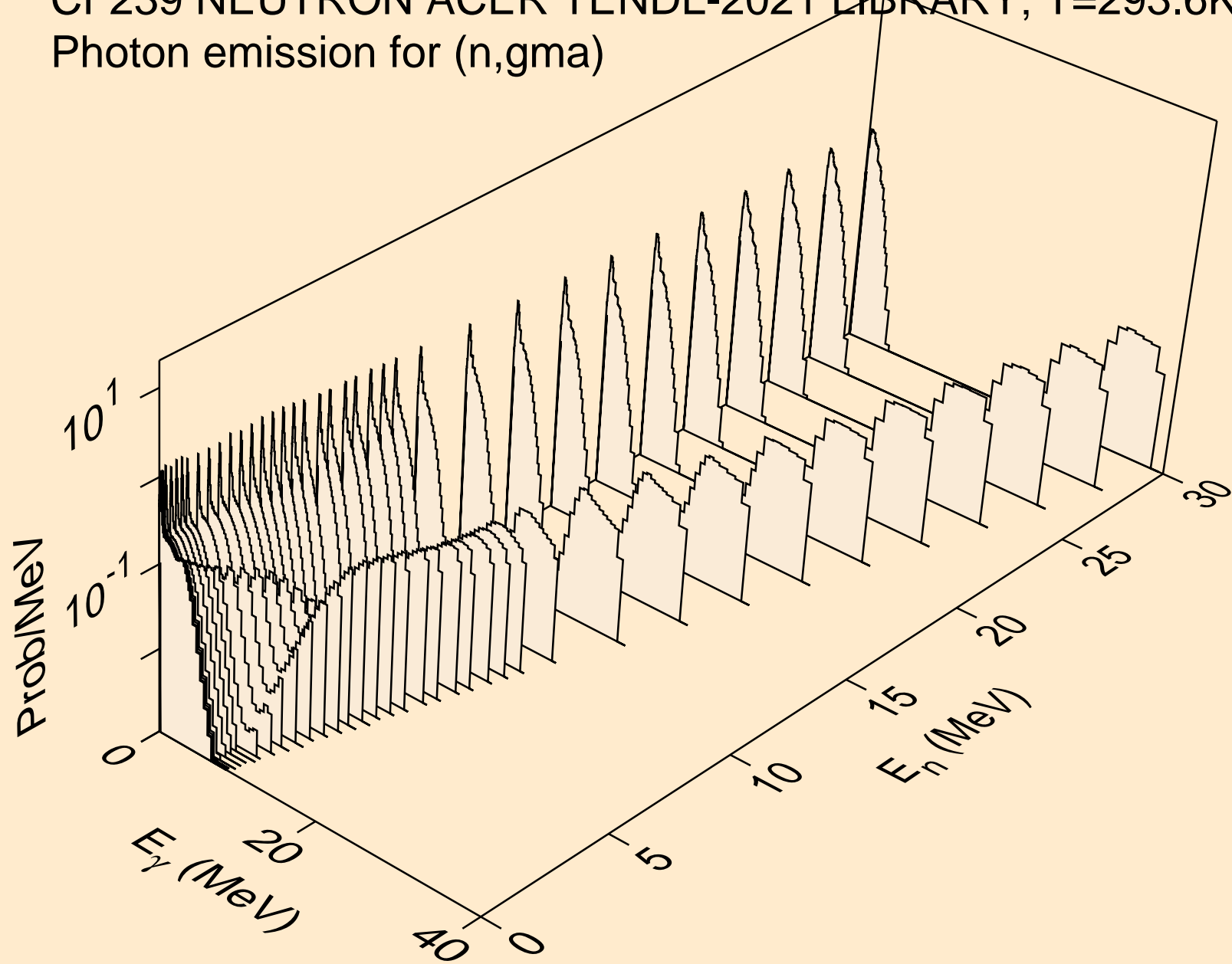
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,npa)



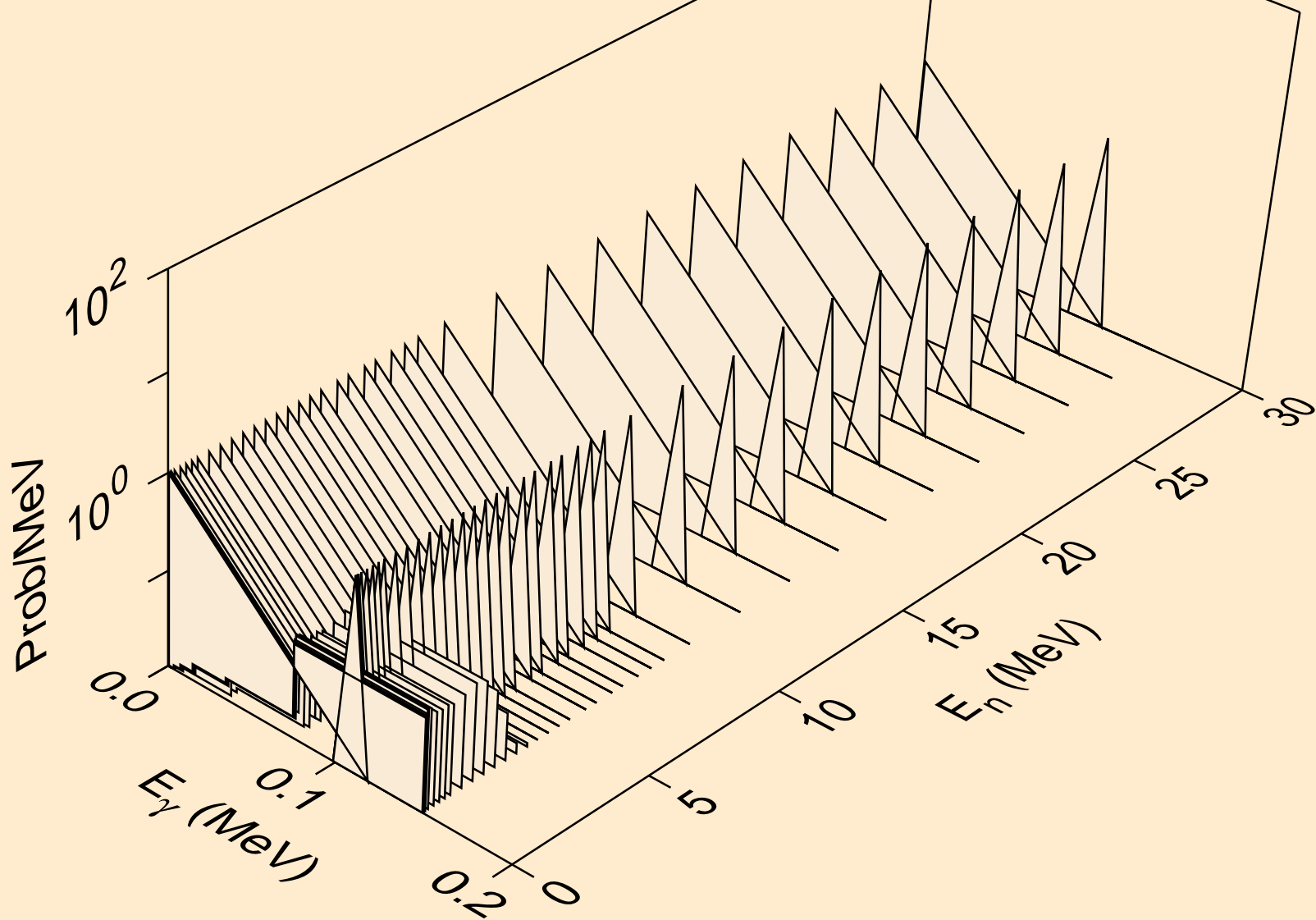
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*c)



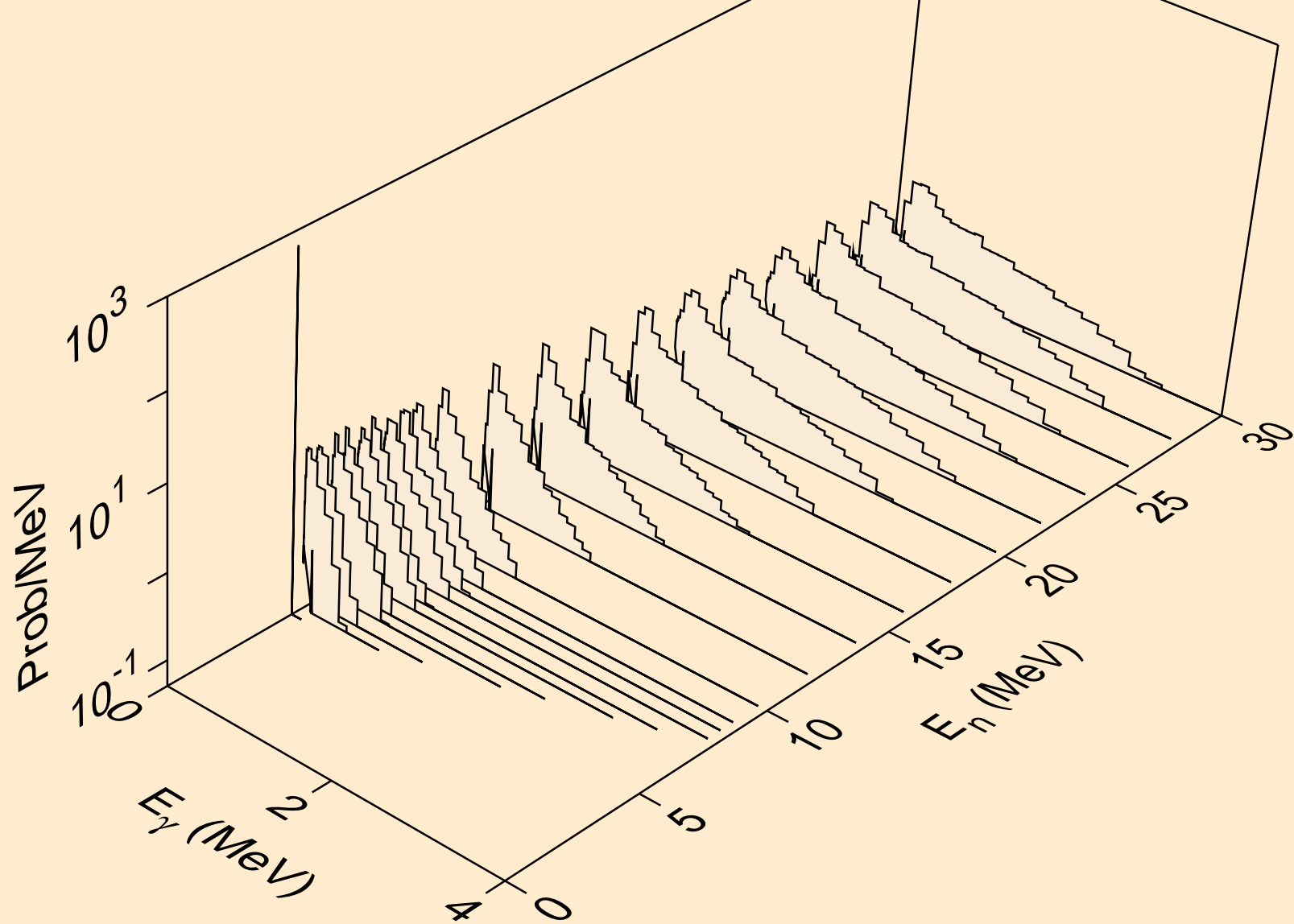
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,gma)



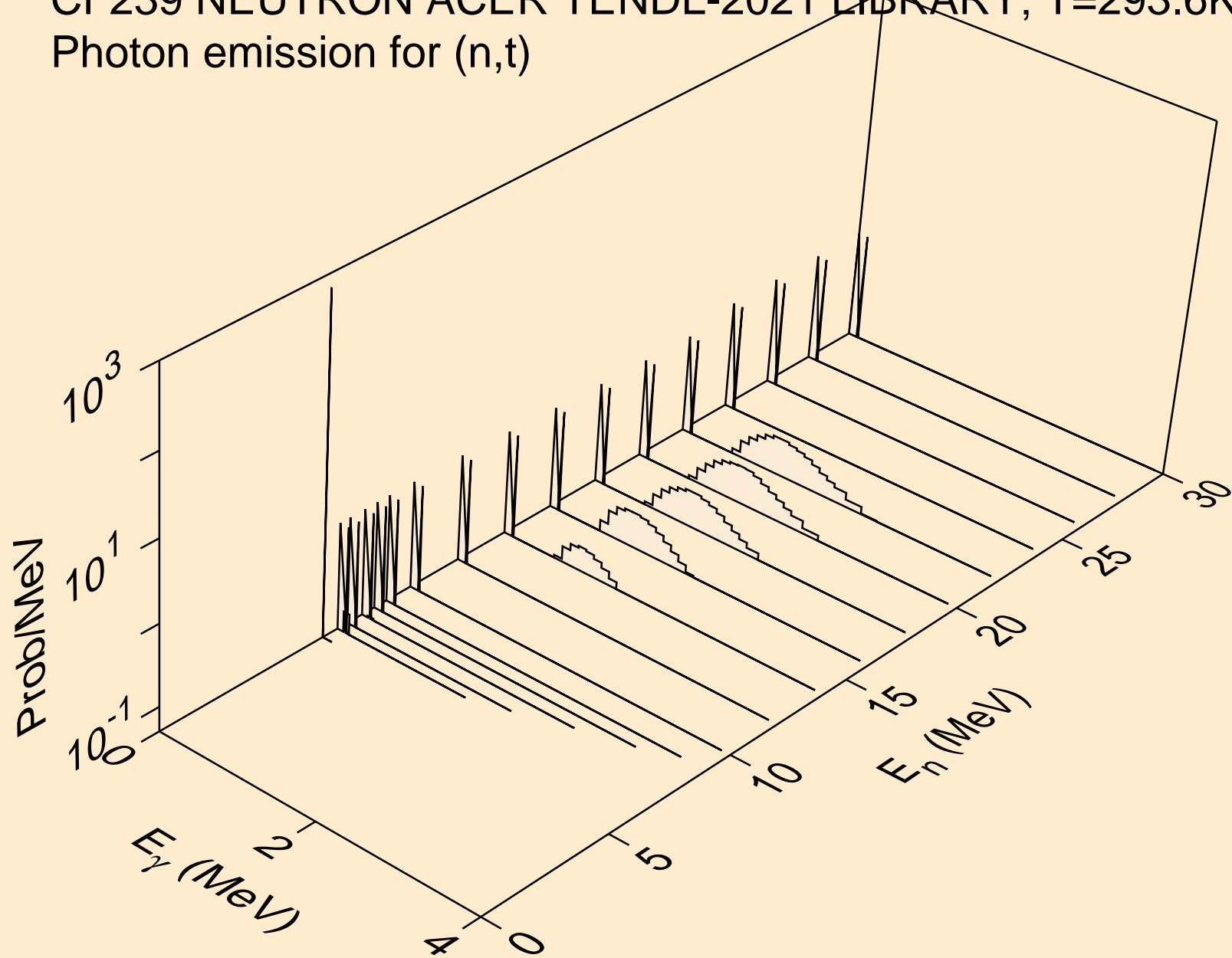
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p)



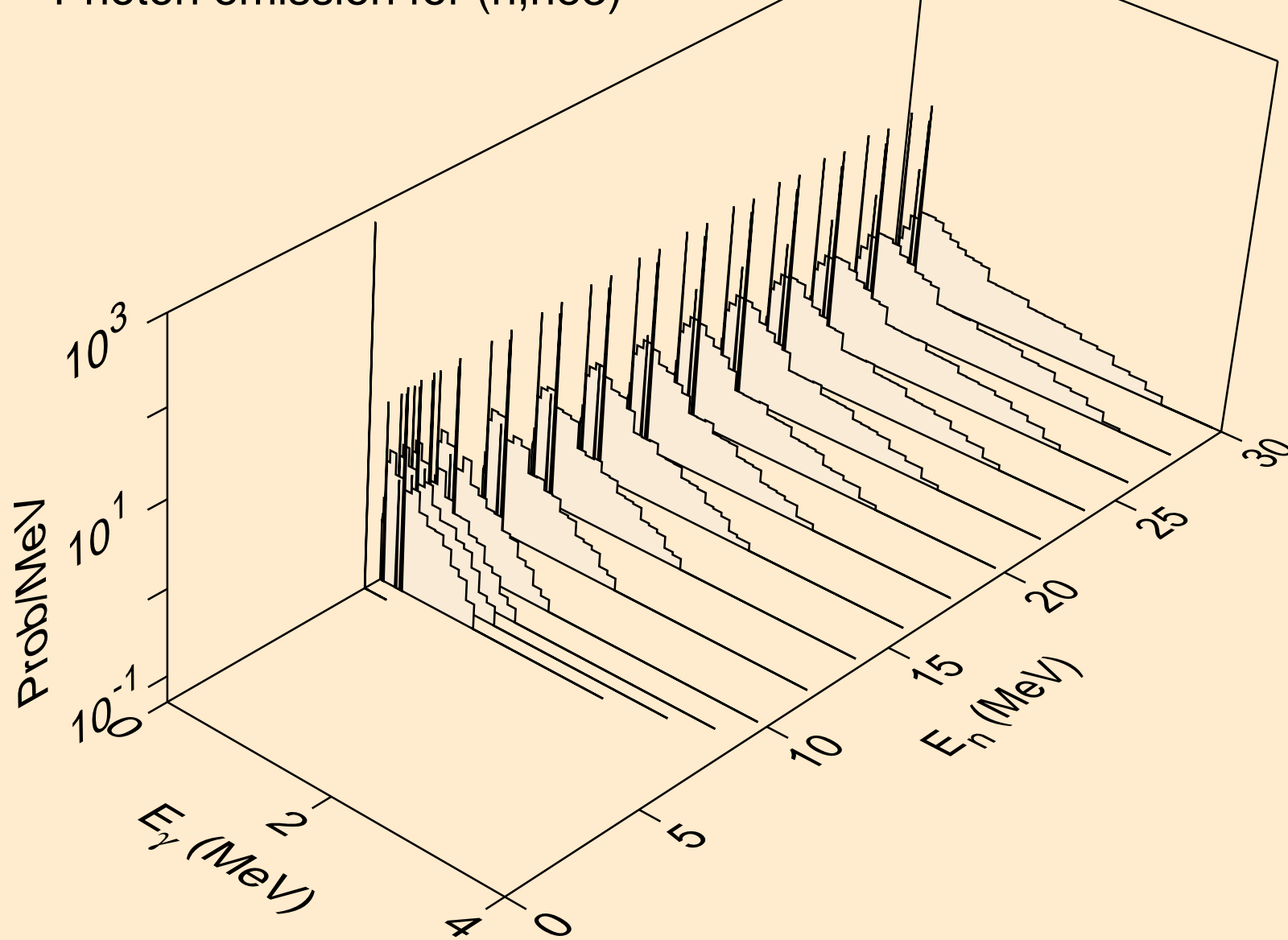
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,d)



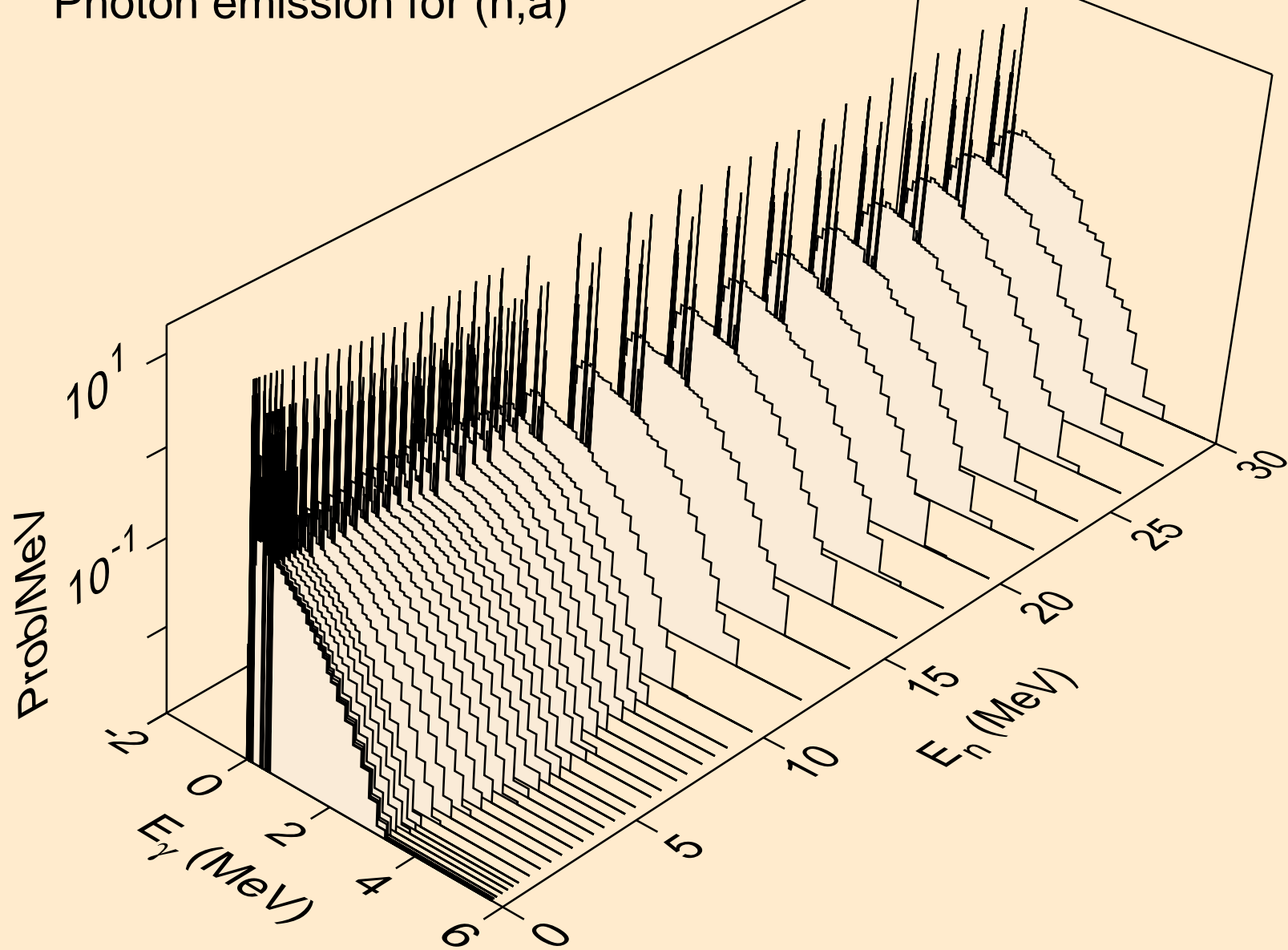
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,t)



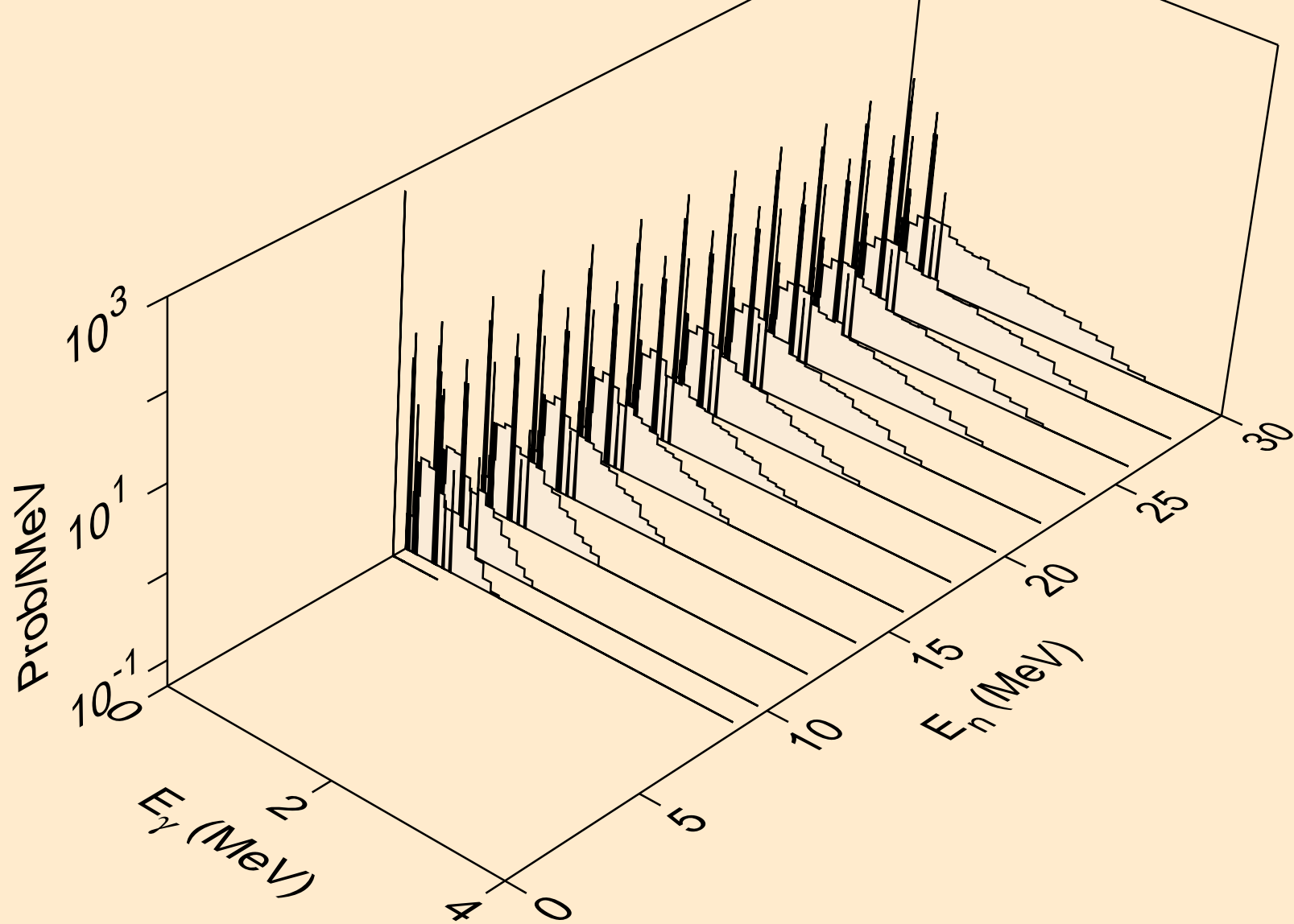
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,he3)



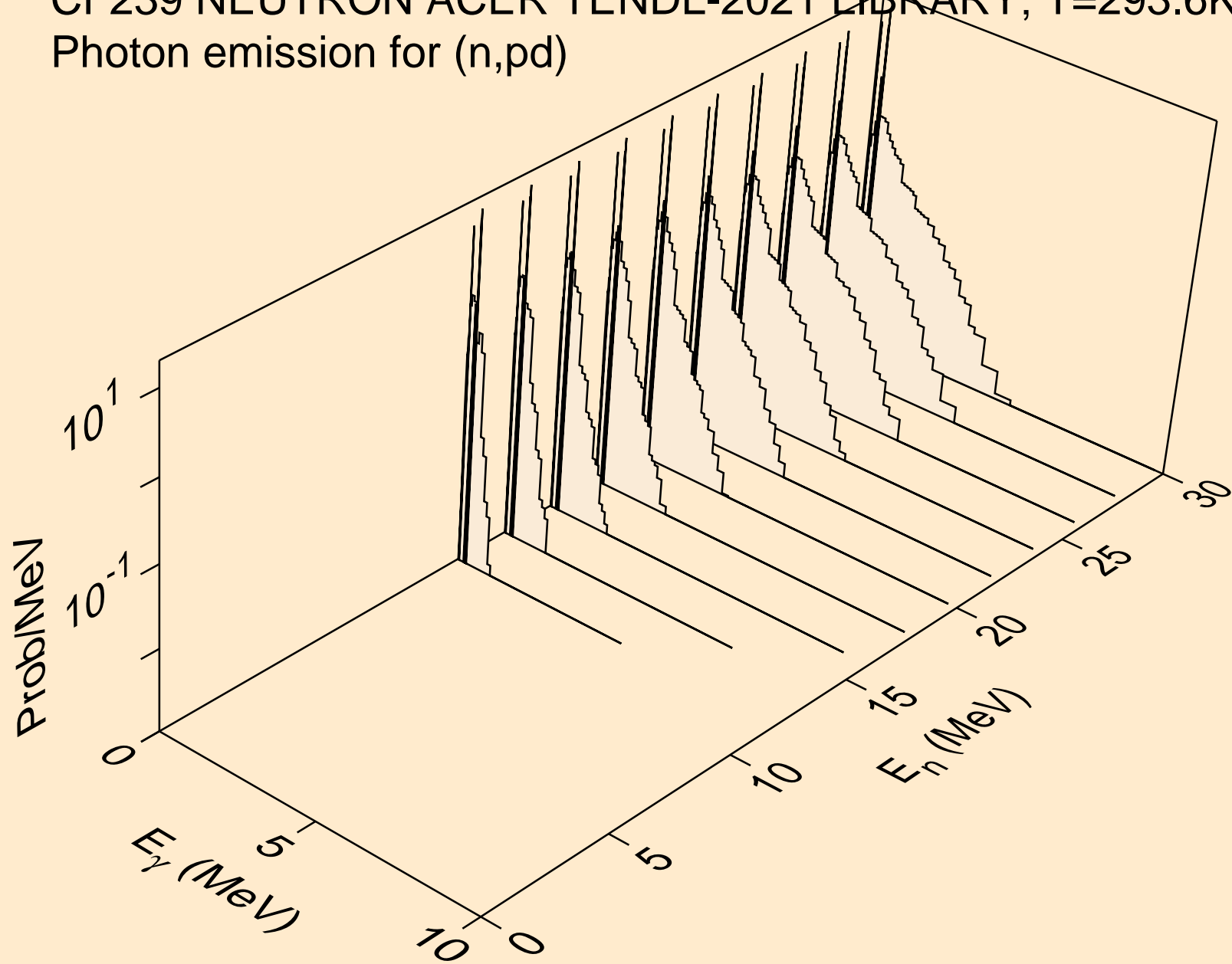
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,a)



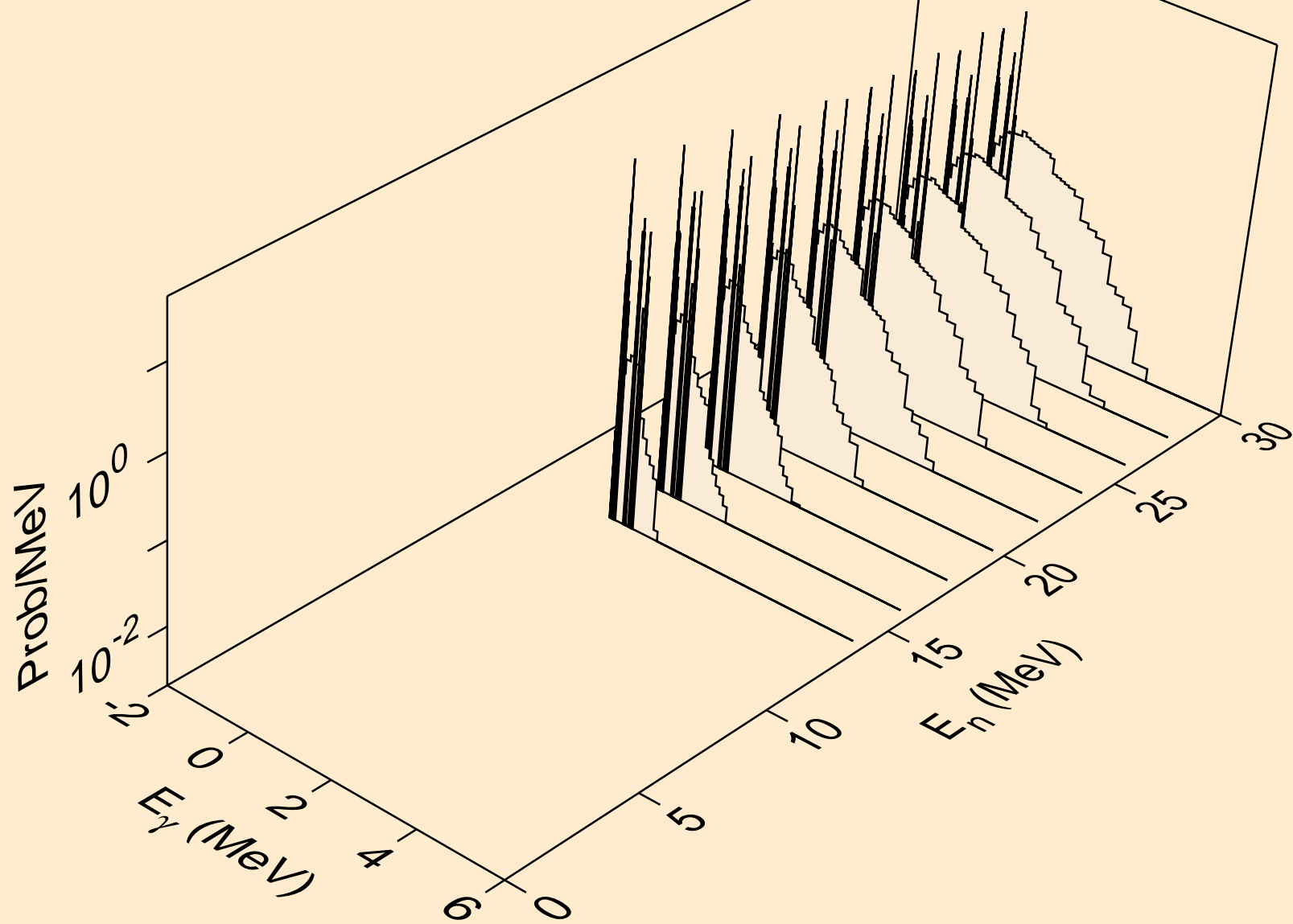
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2p)



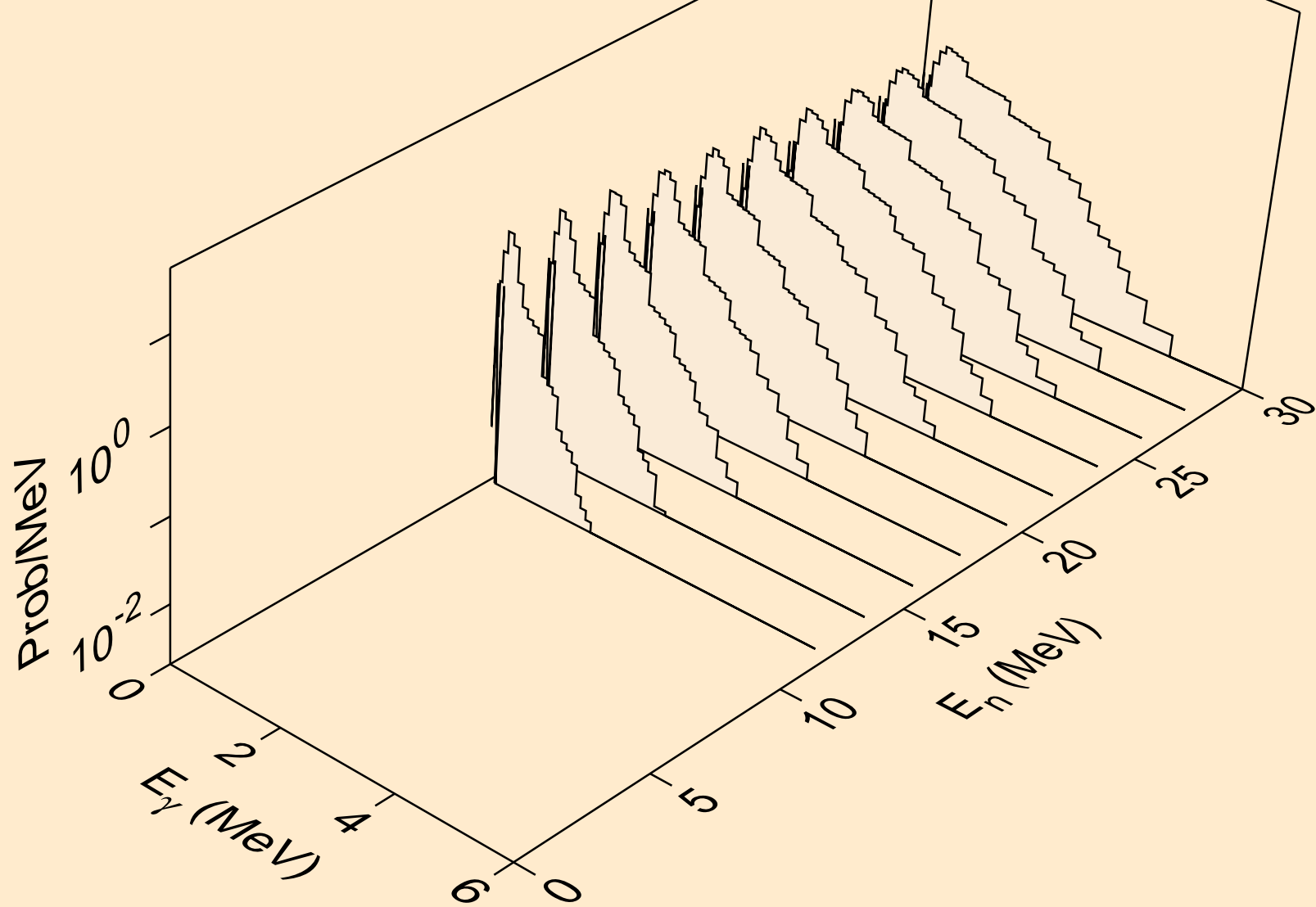
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pd)



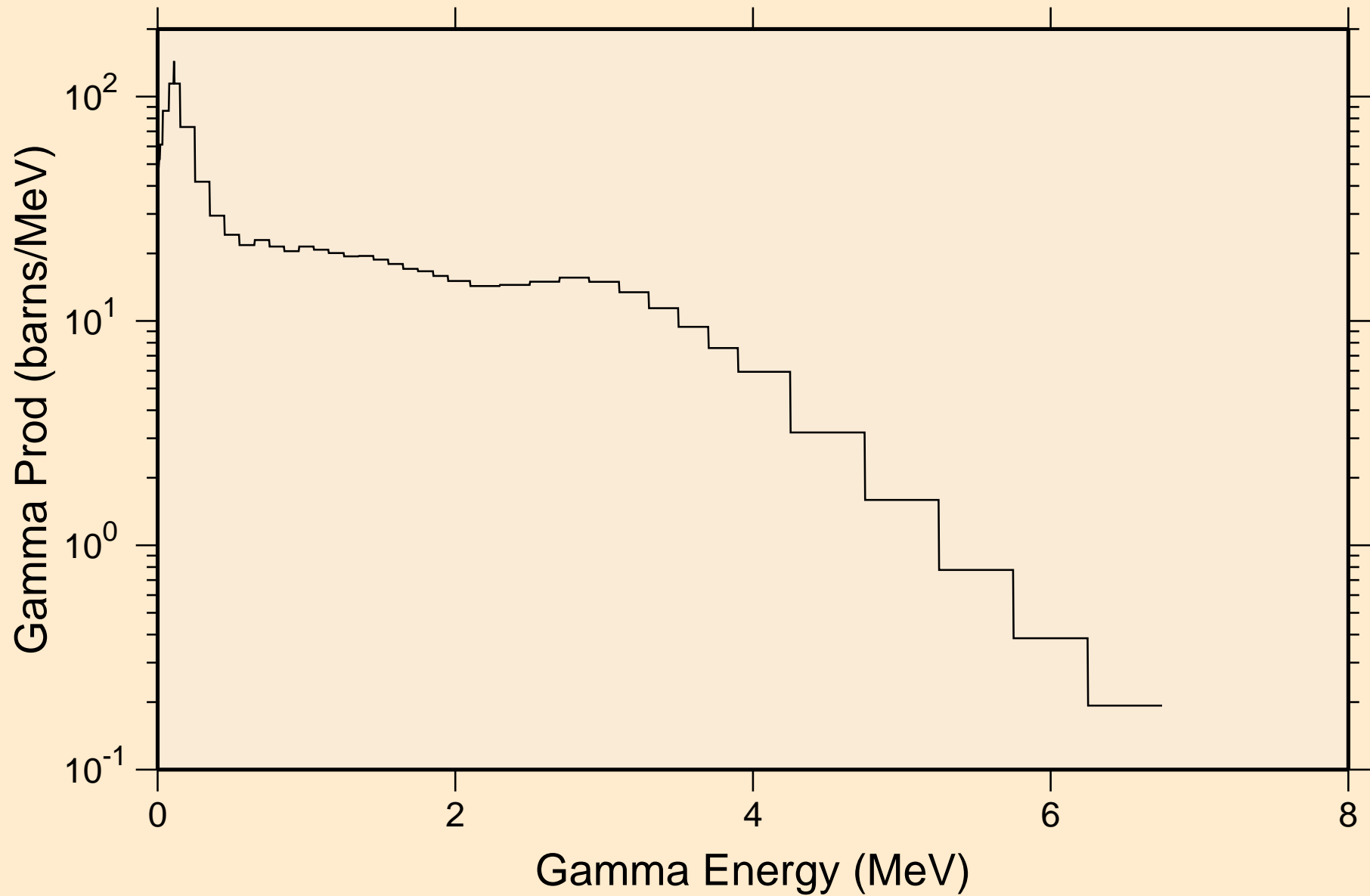
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pt)



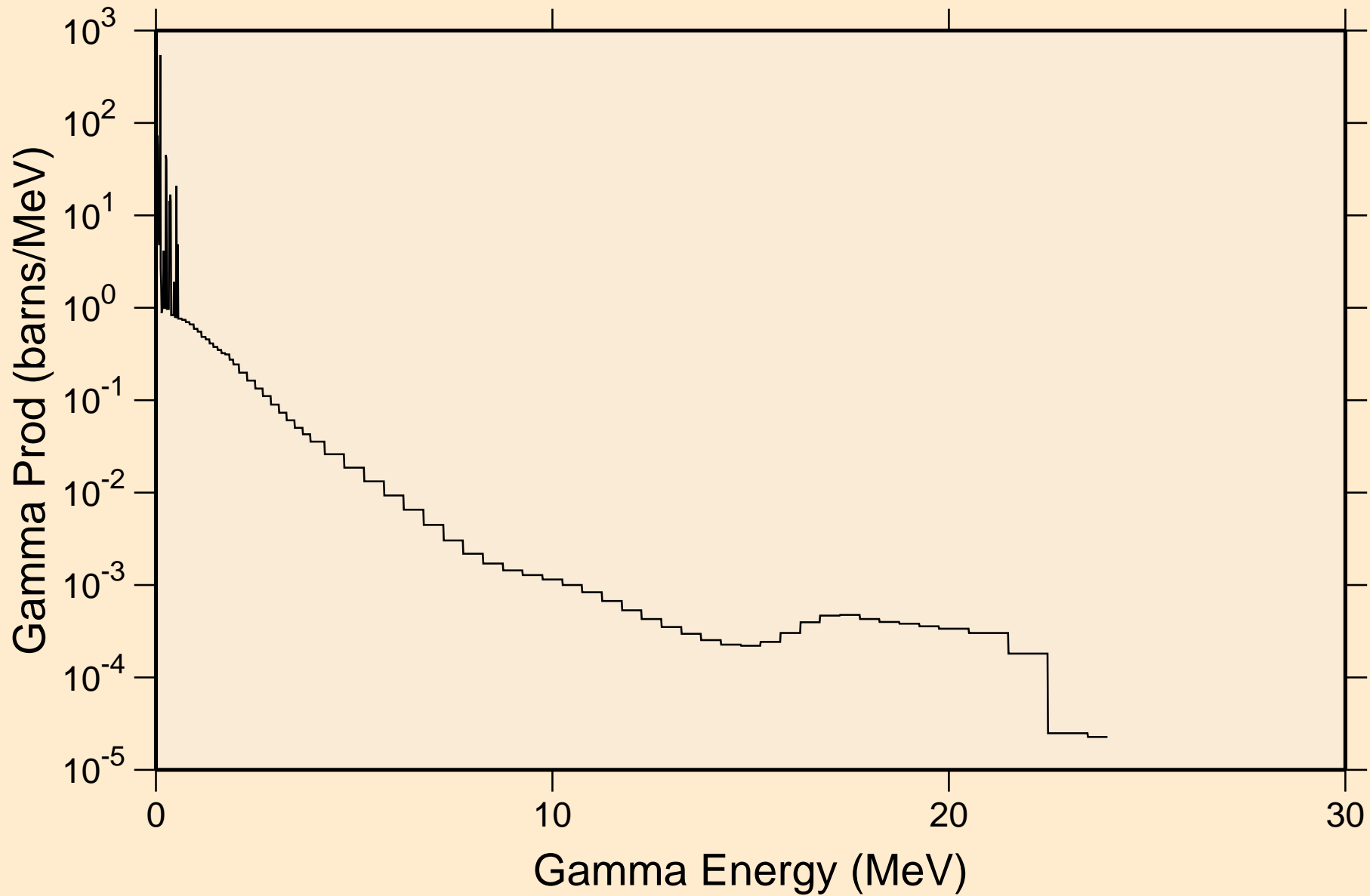
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,da)



CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
thermal capture photon spectrum

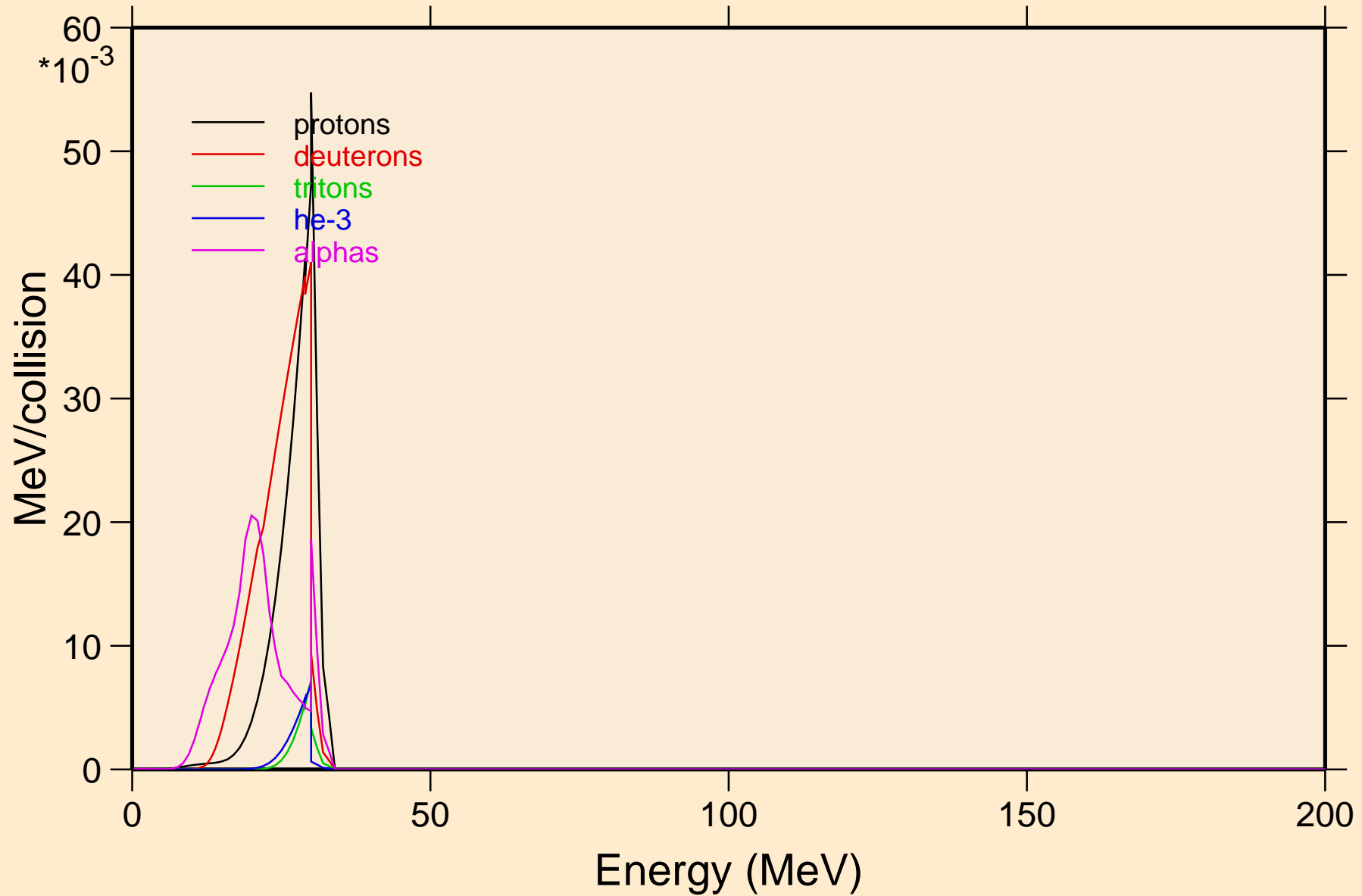


CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
14 MeV photon spectrum

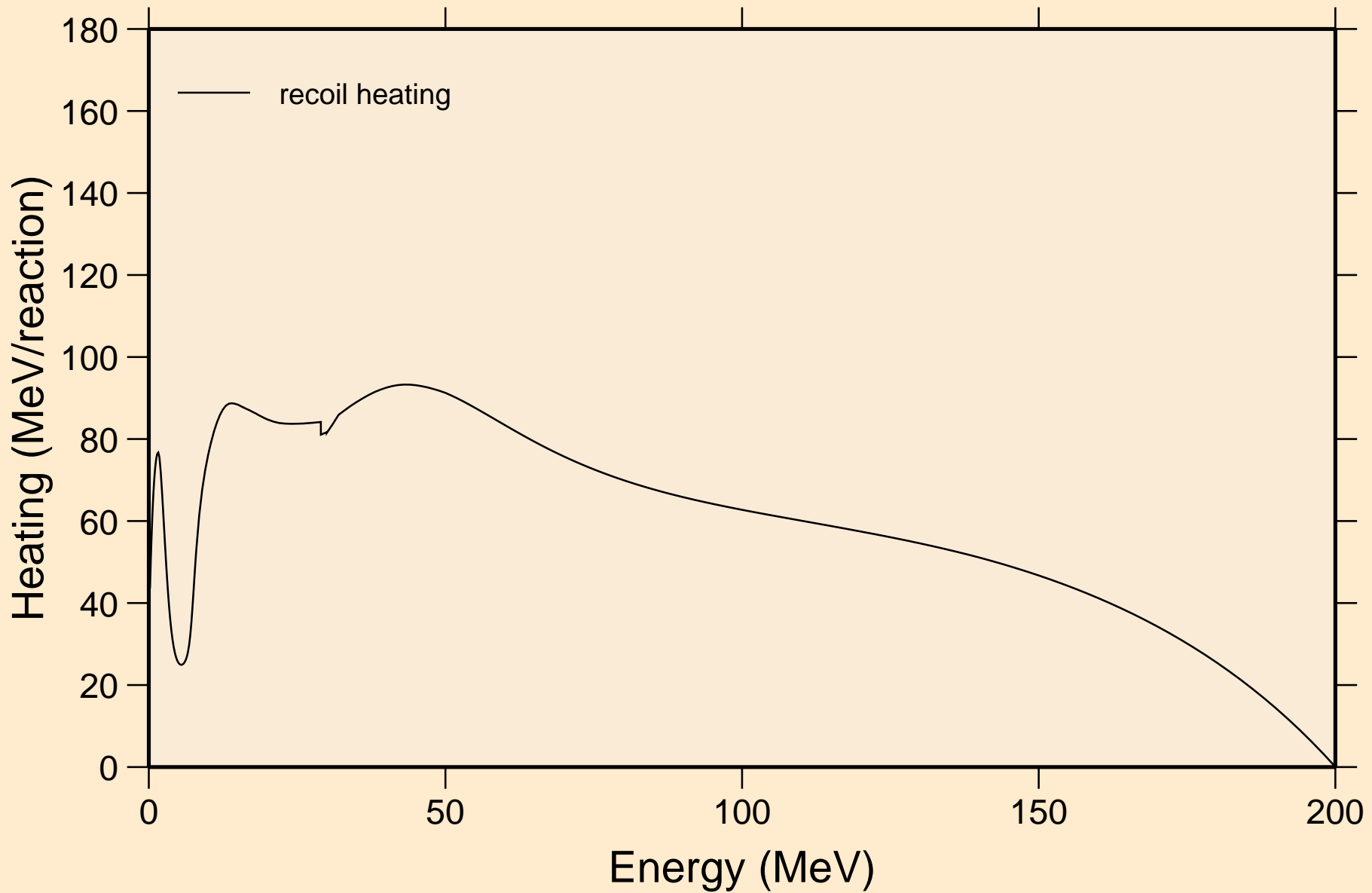


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Particle heating contributions

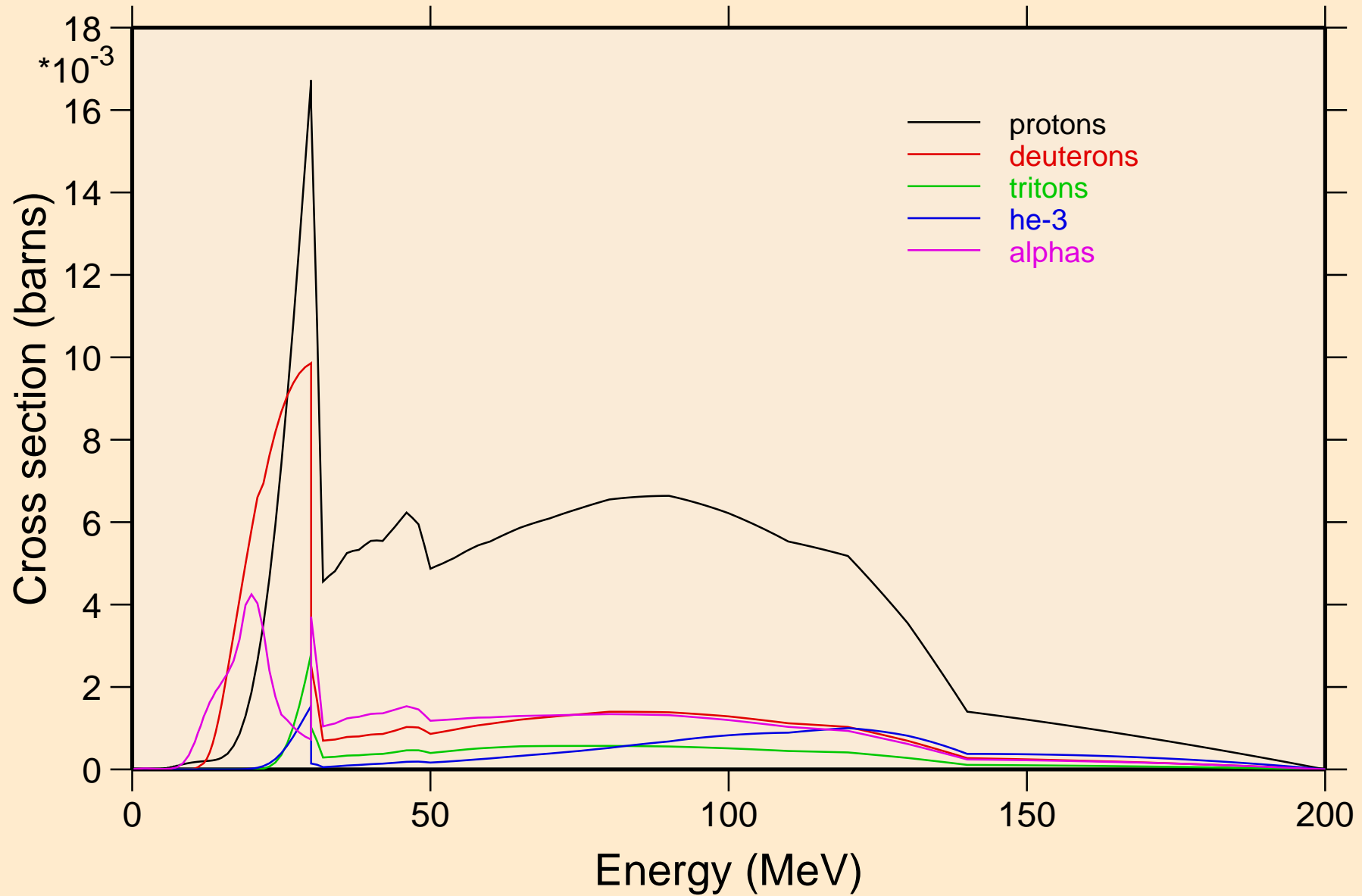


CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Recoil Heating

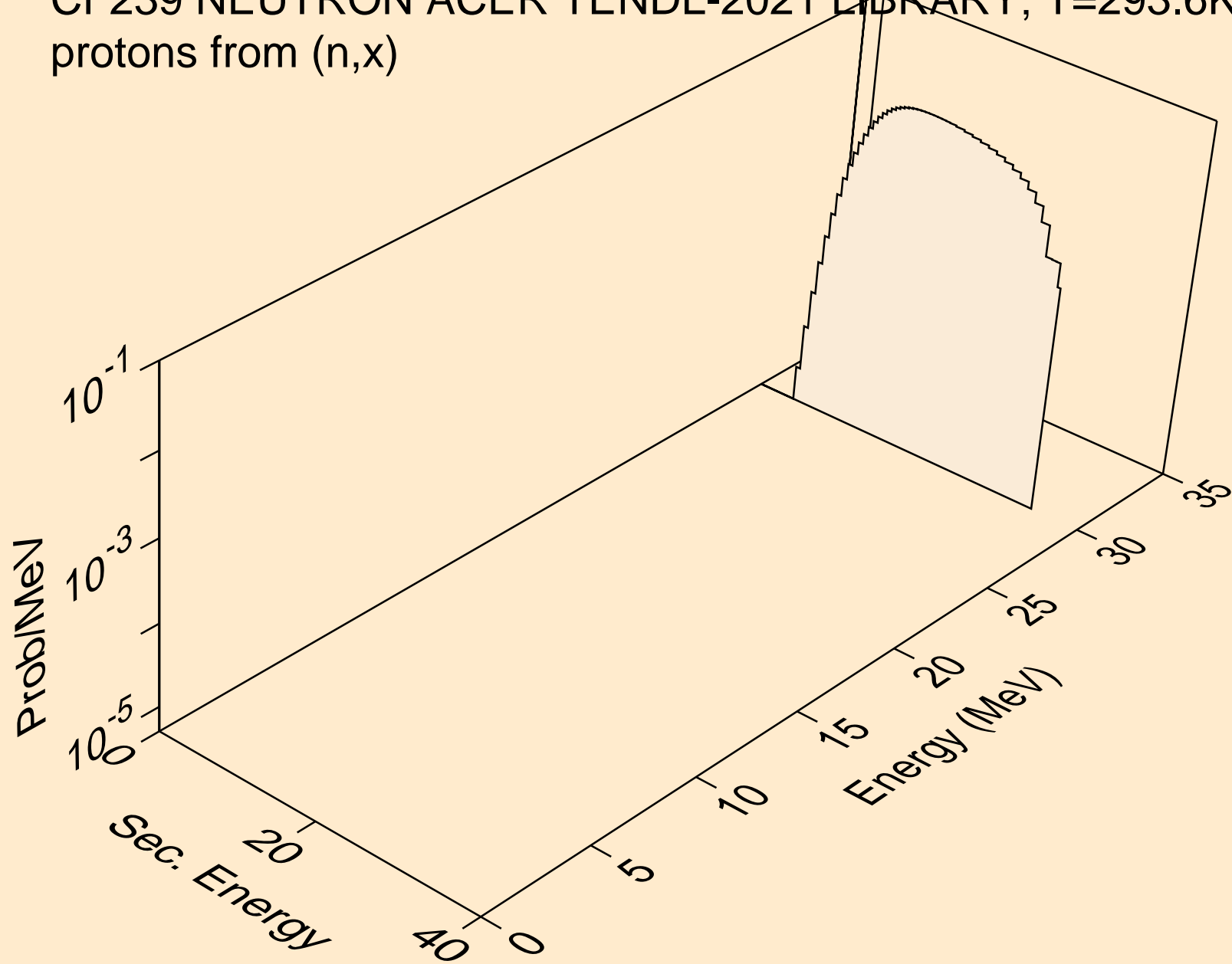


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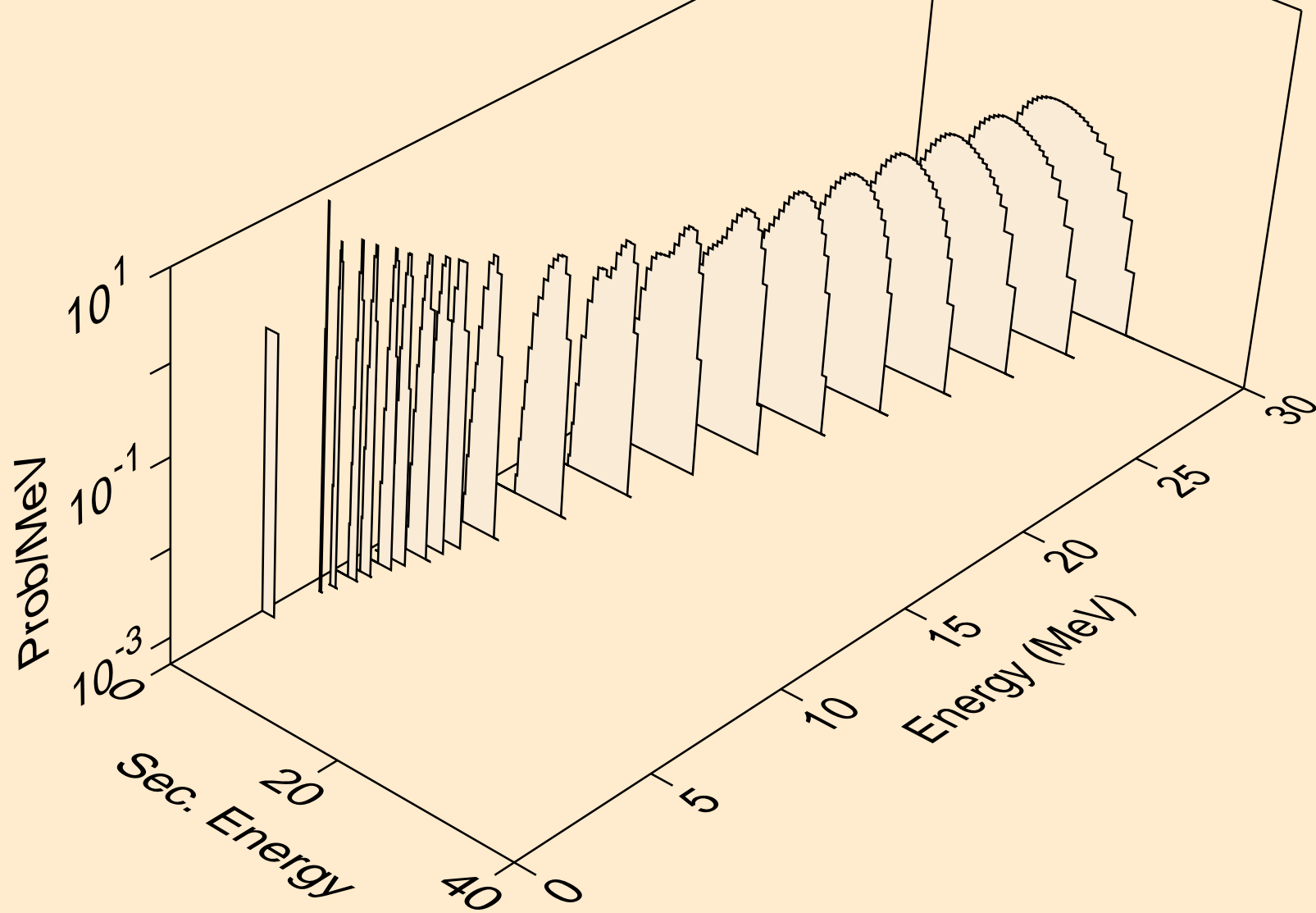
Particle production cross sections



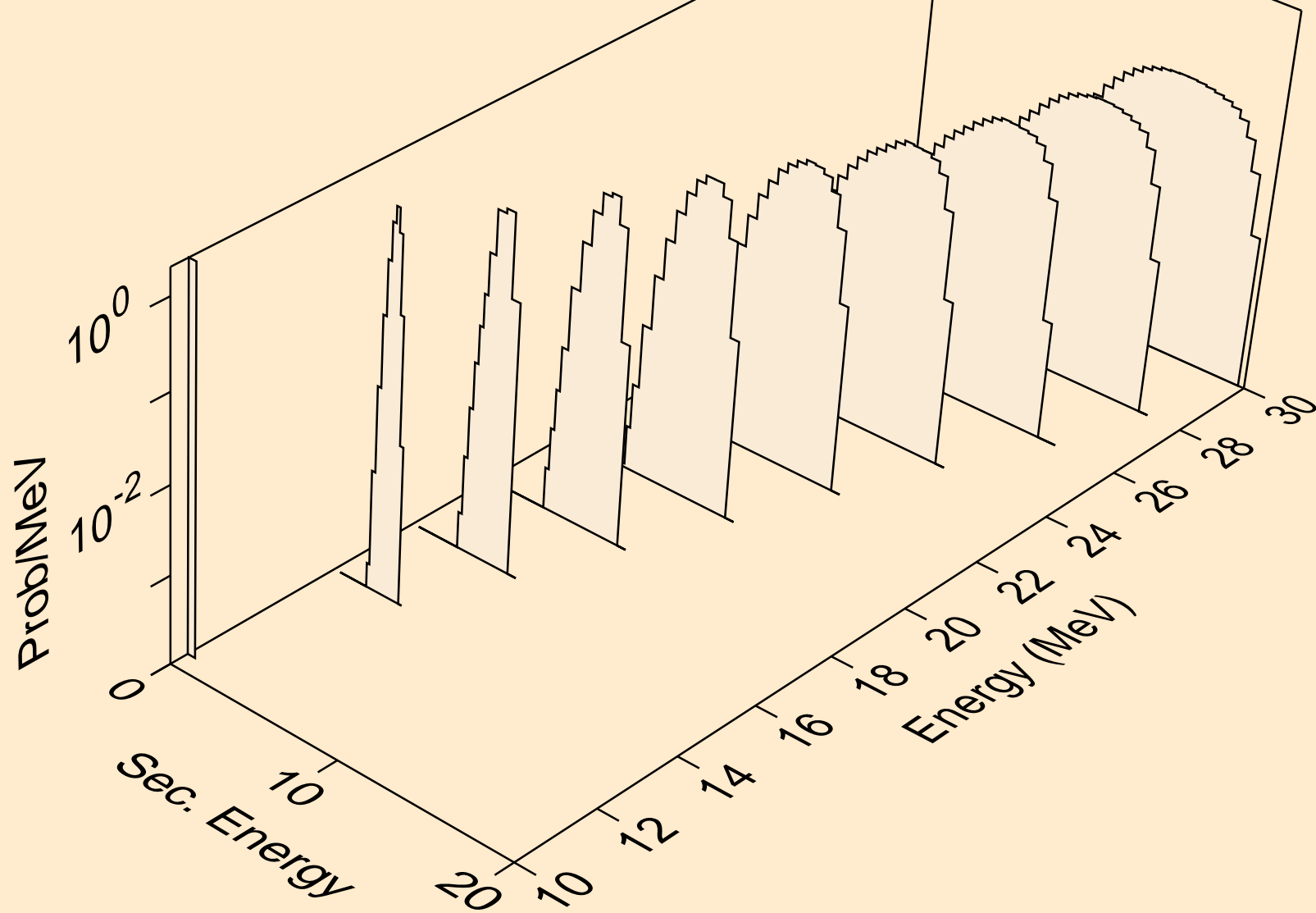
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,x)



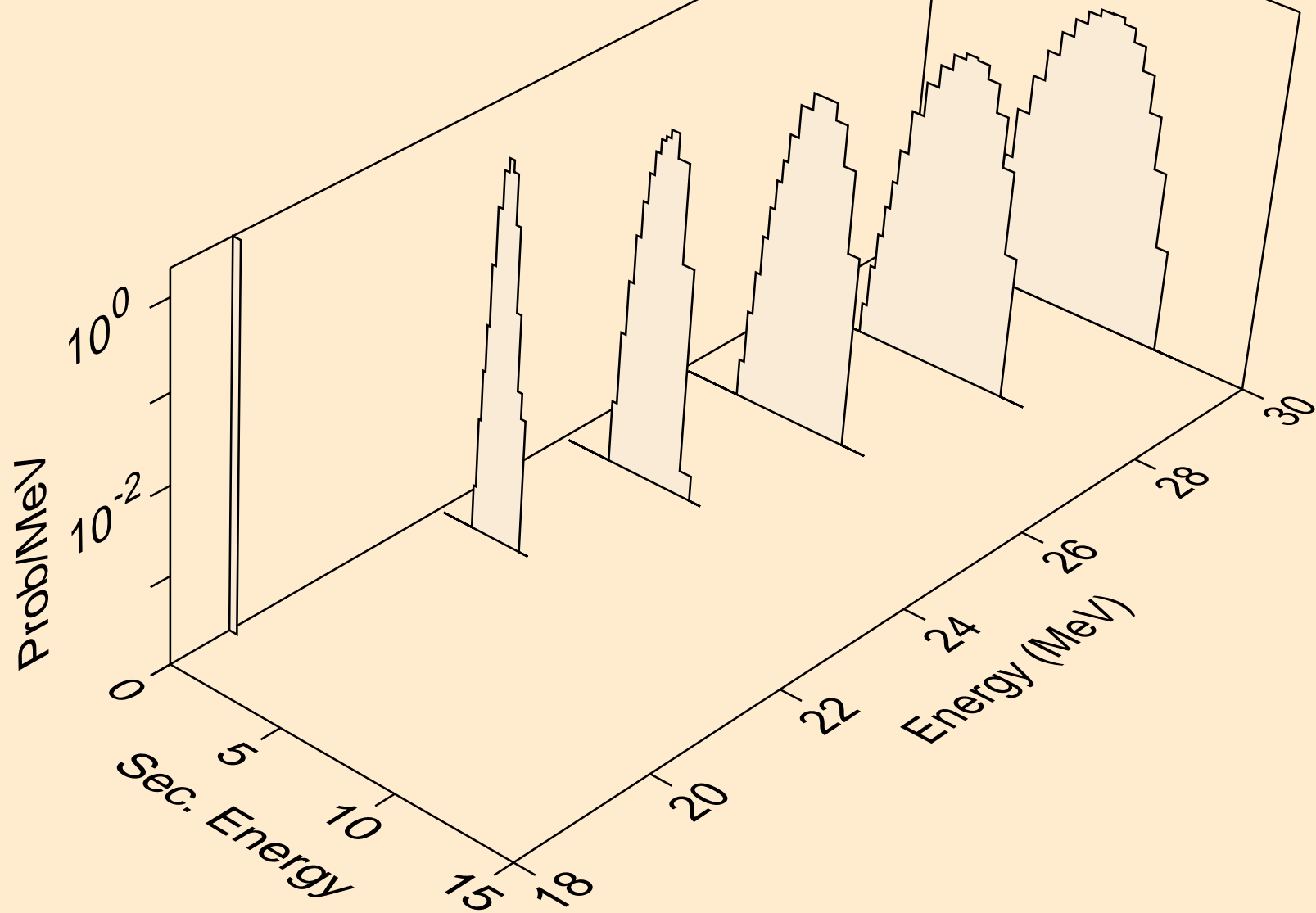
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,n*)p



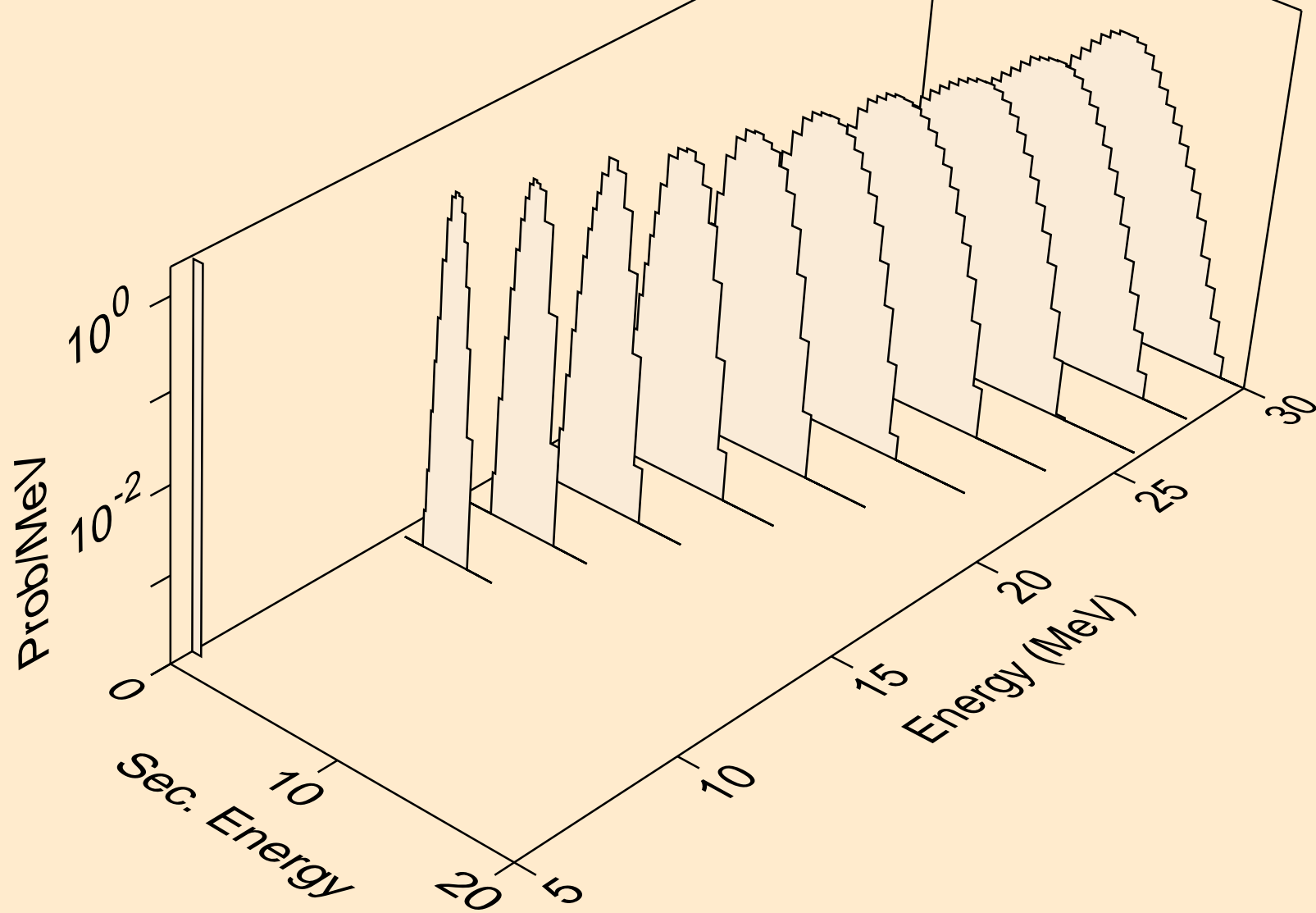
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,2np)



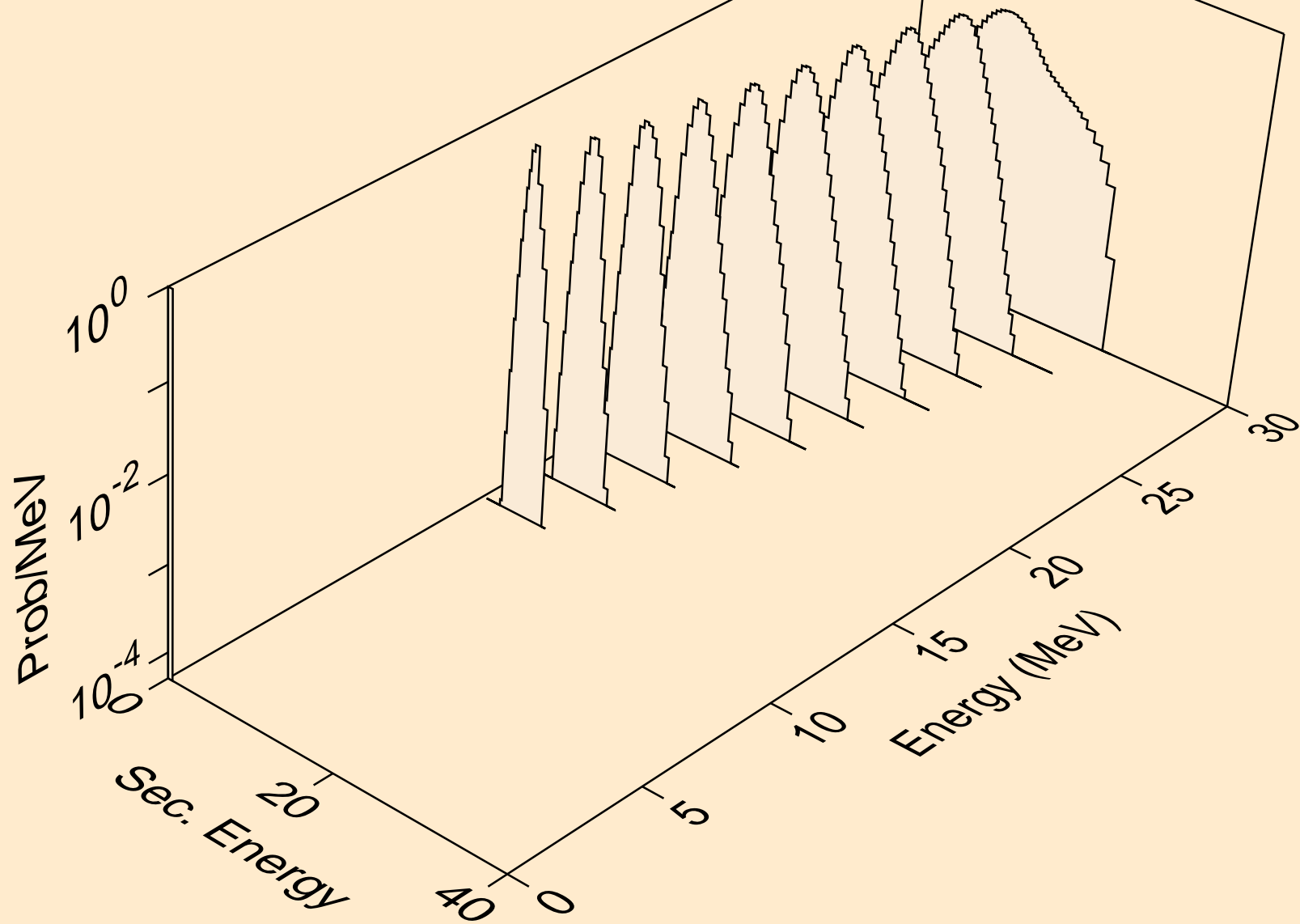
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,3np)



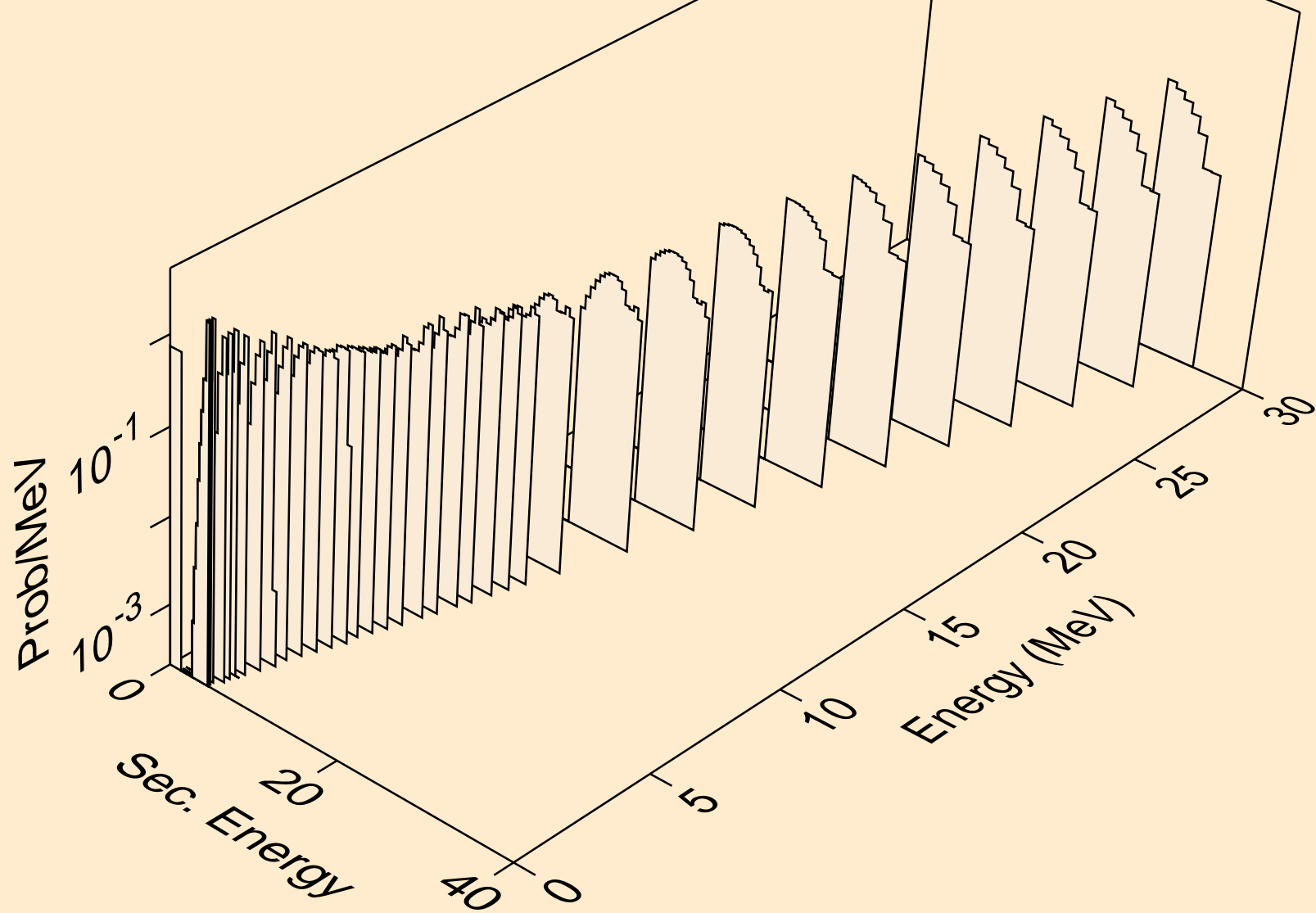
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protons from (n,2np)



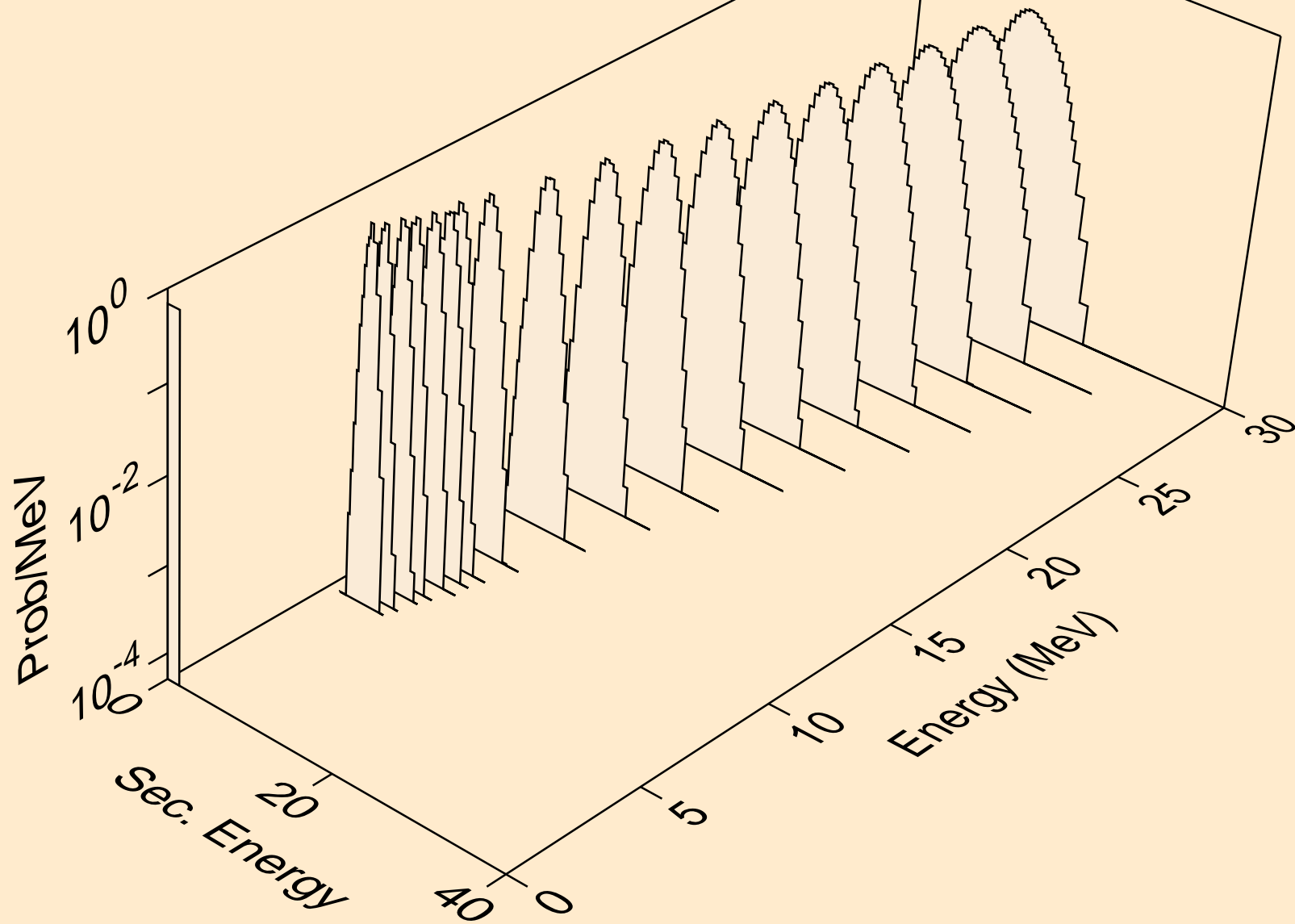
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,npa)



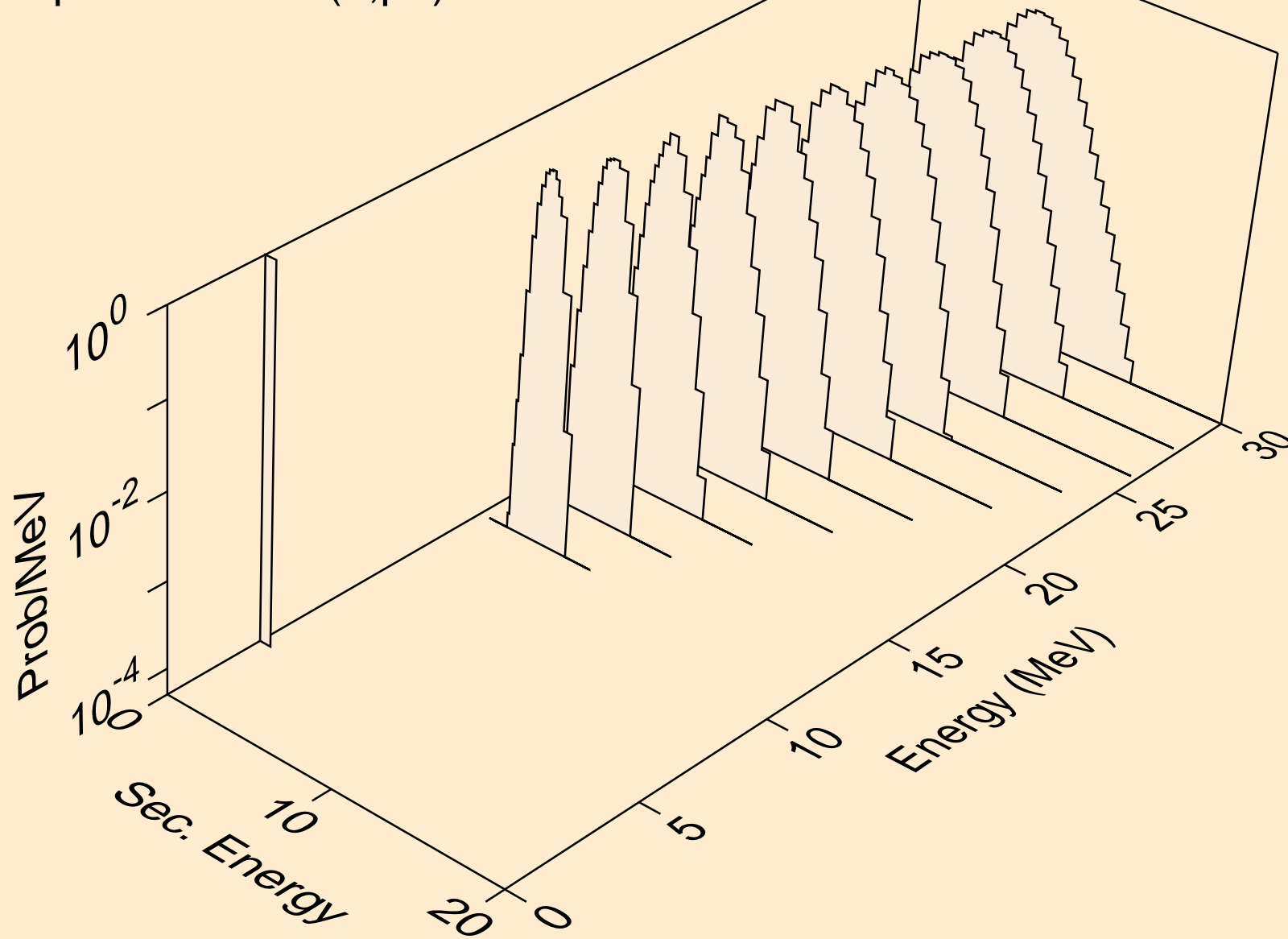
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protons from (n,p)



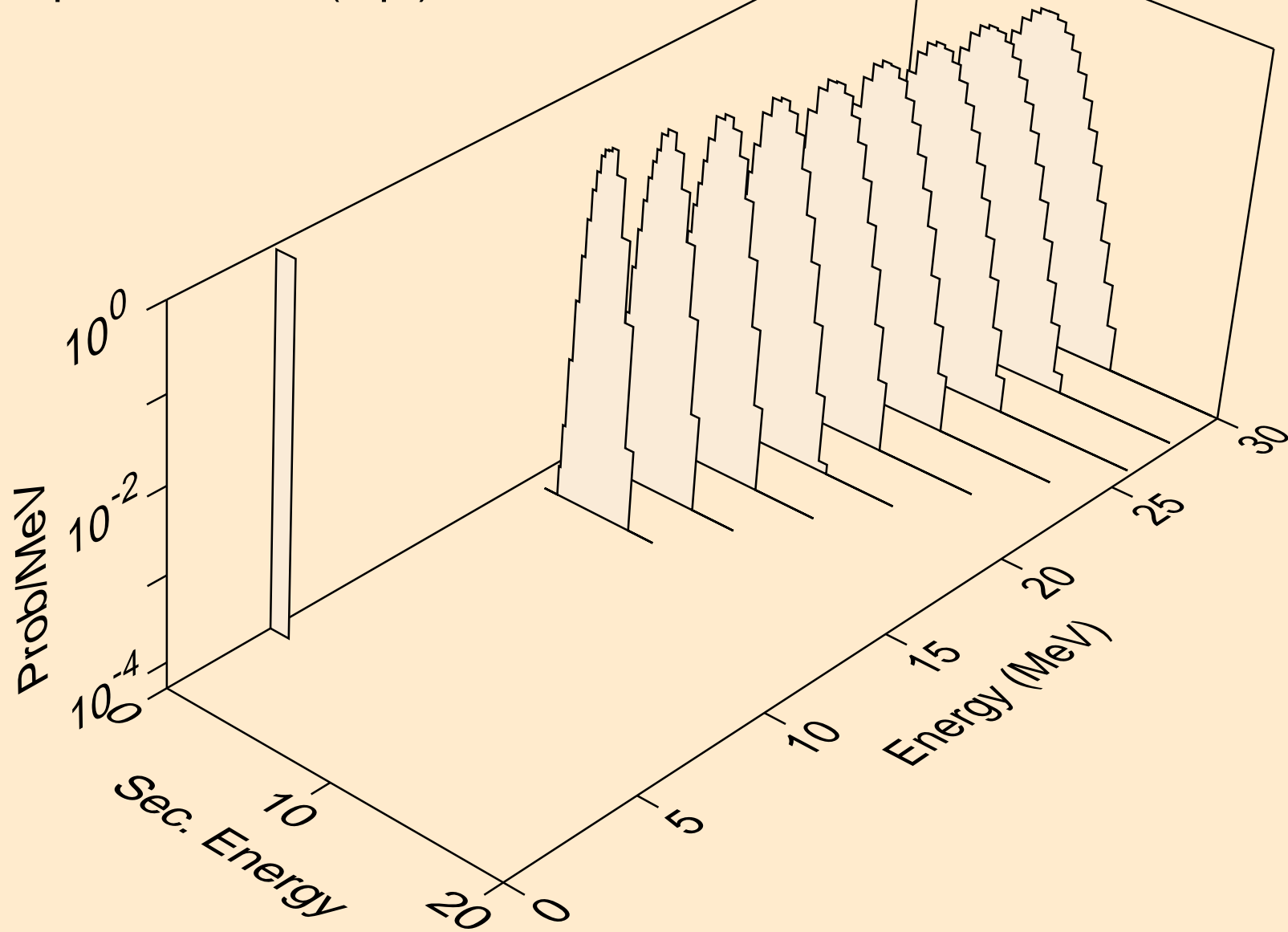
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protons from (n,2p)



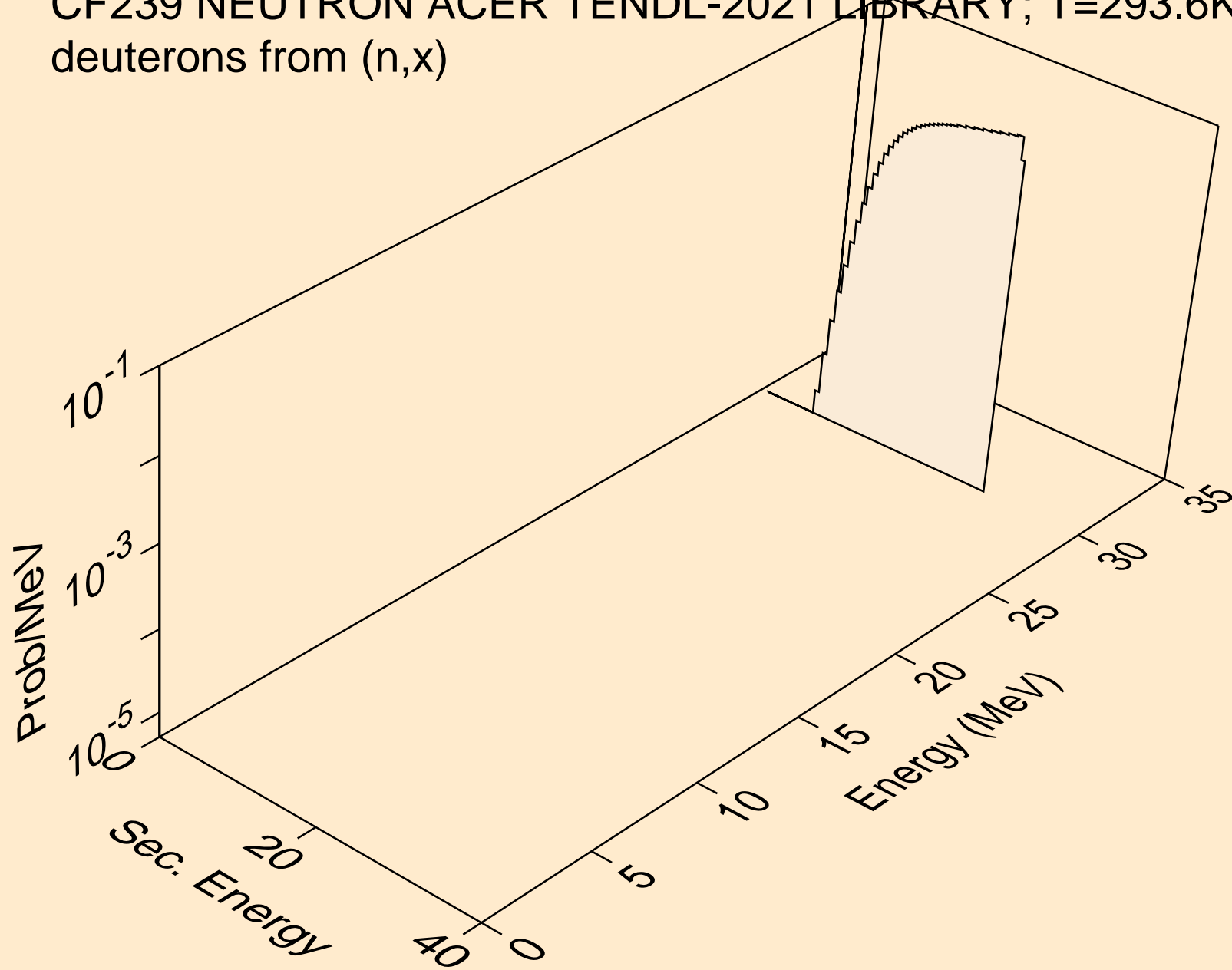
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,pd)



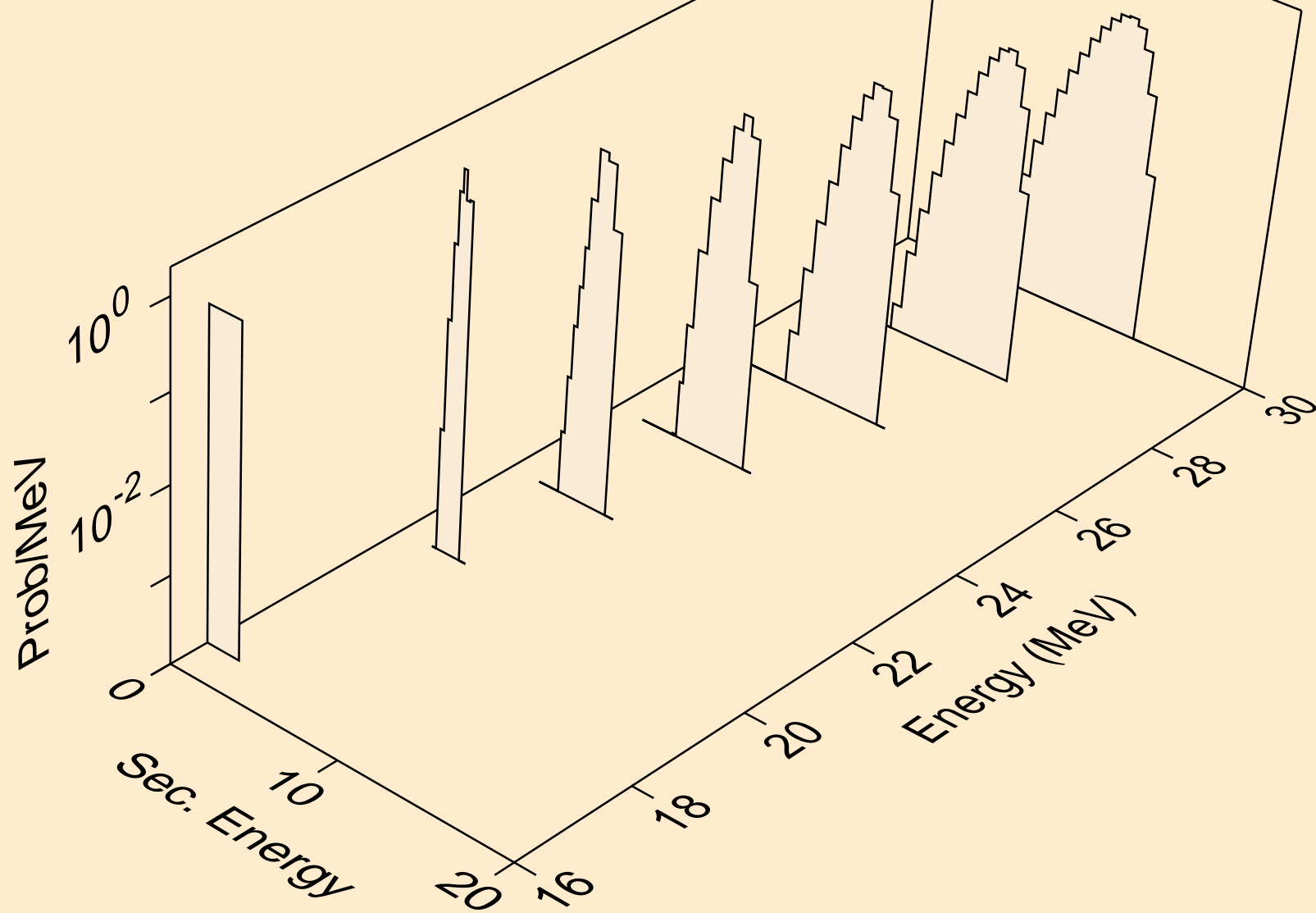
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,pt)



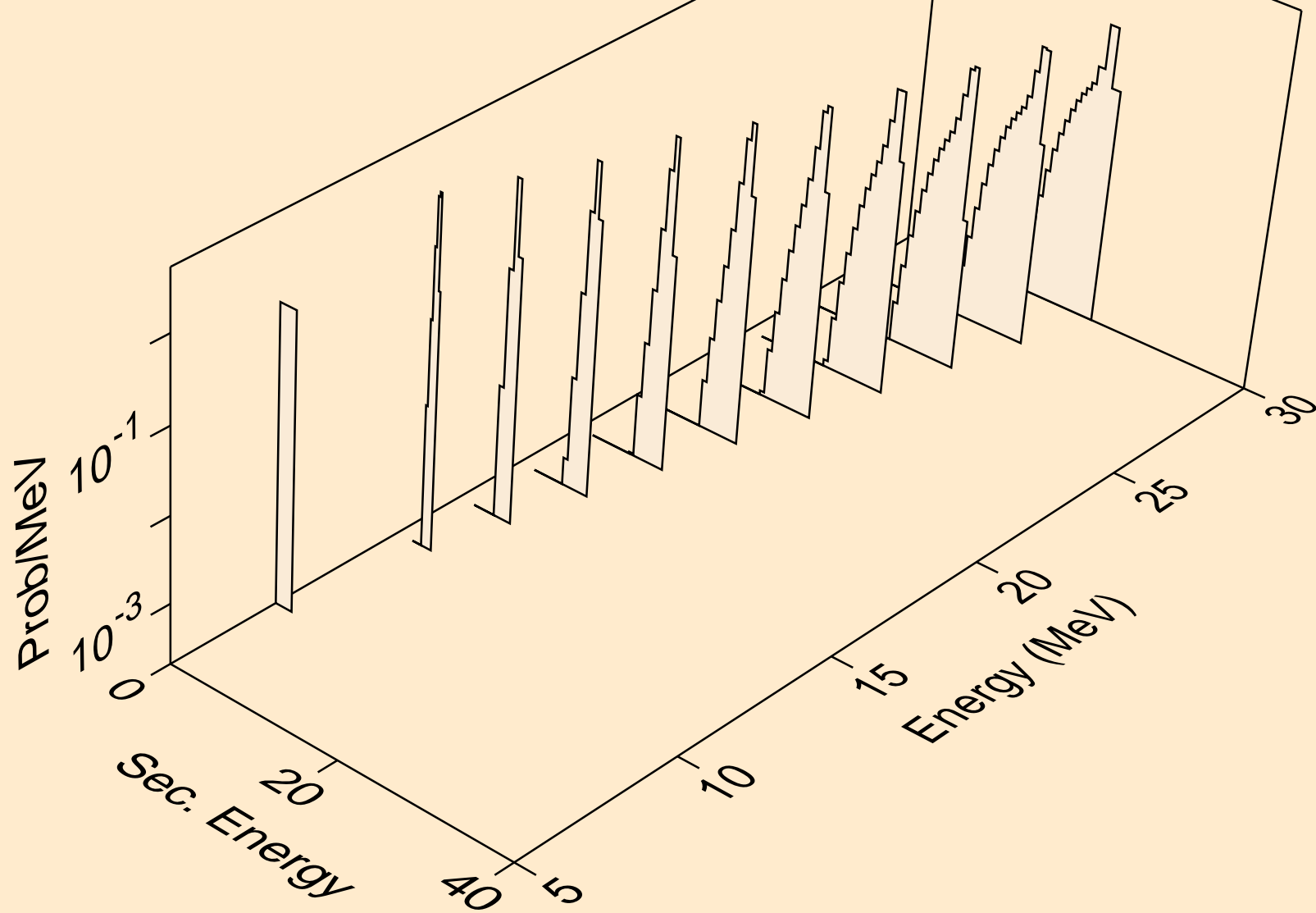
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deuterons from (n,x)



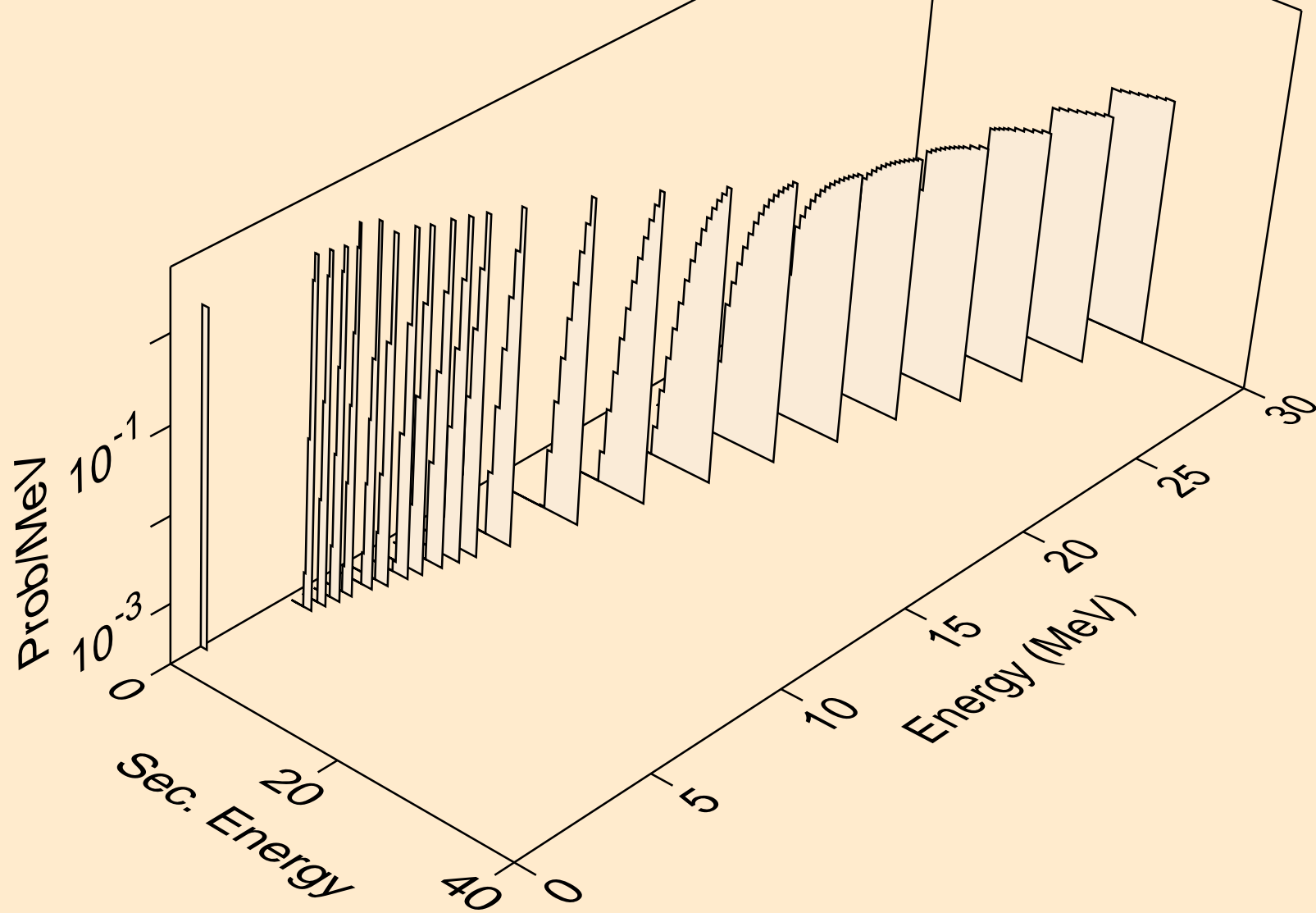
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deuterons from (n,2nd)



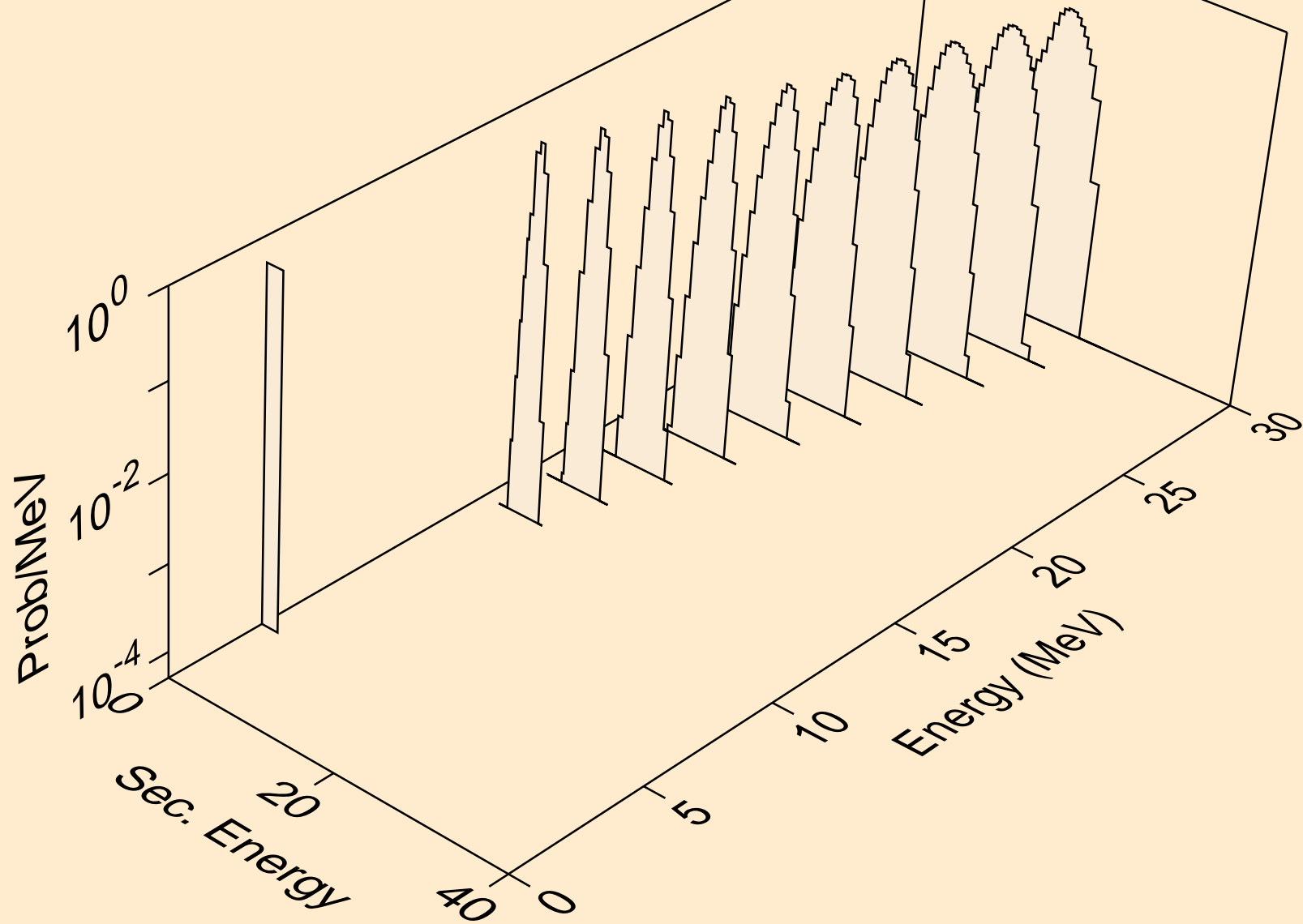
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,n*)d



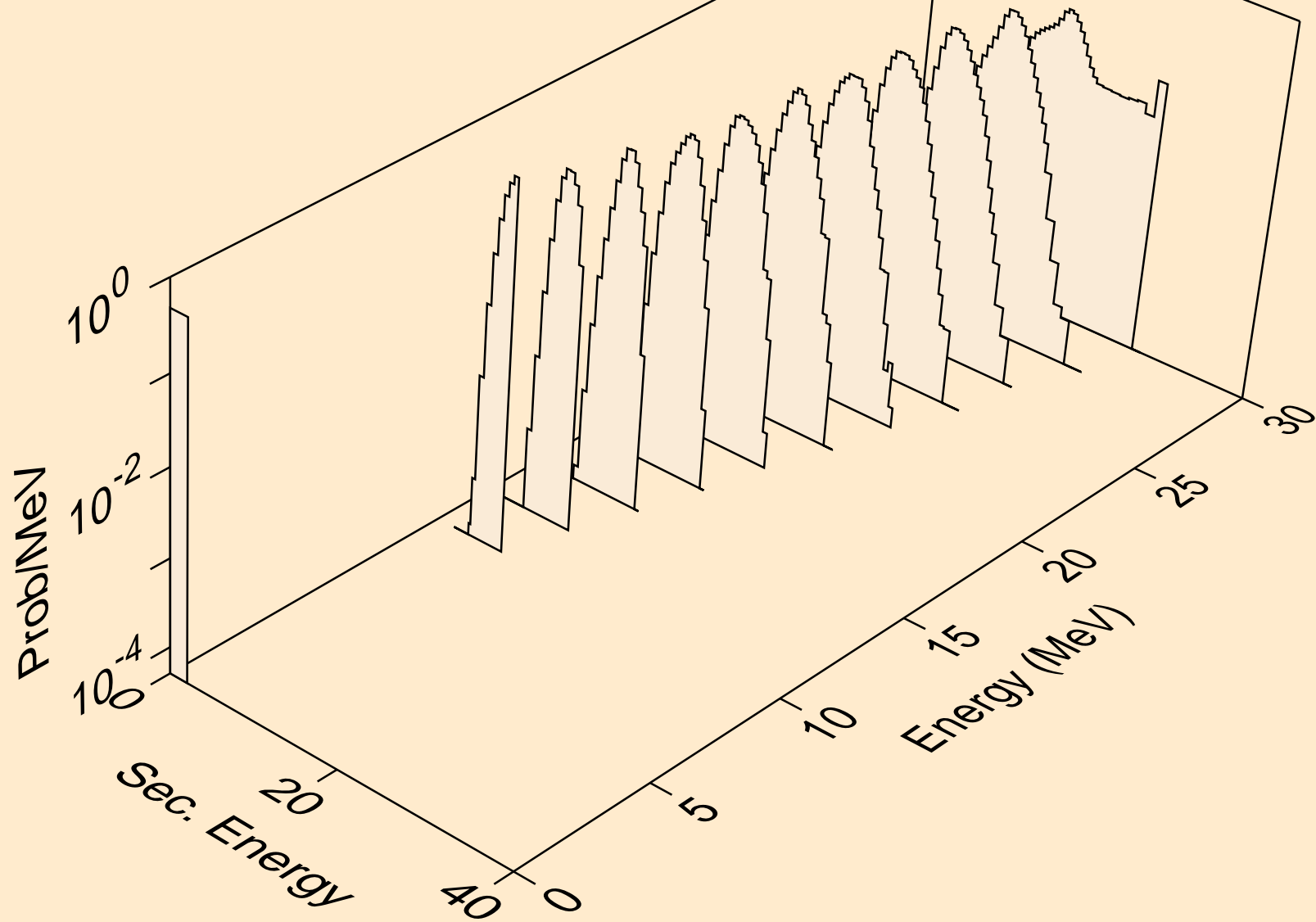
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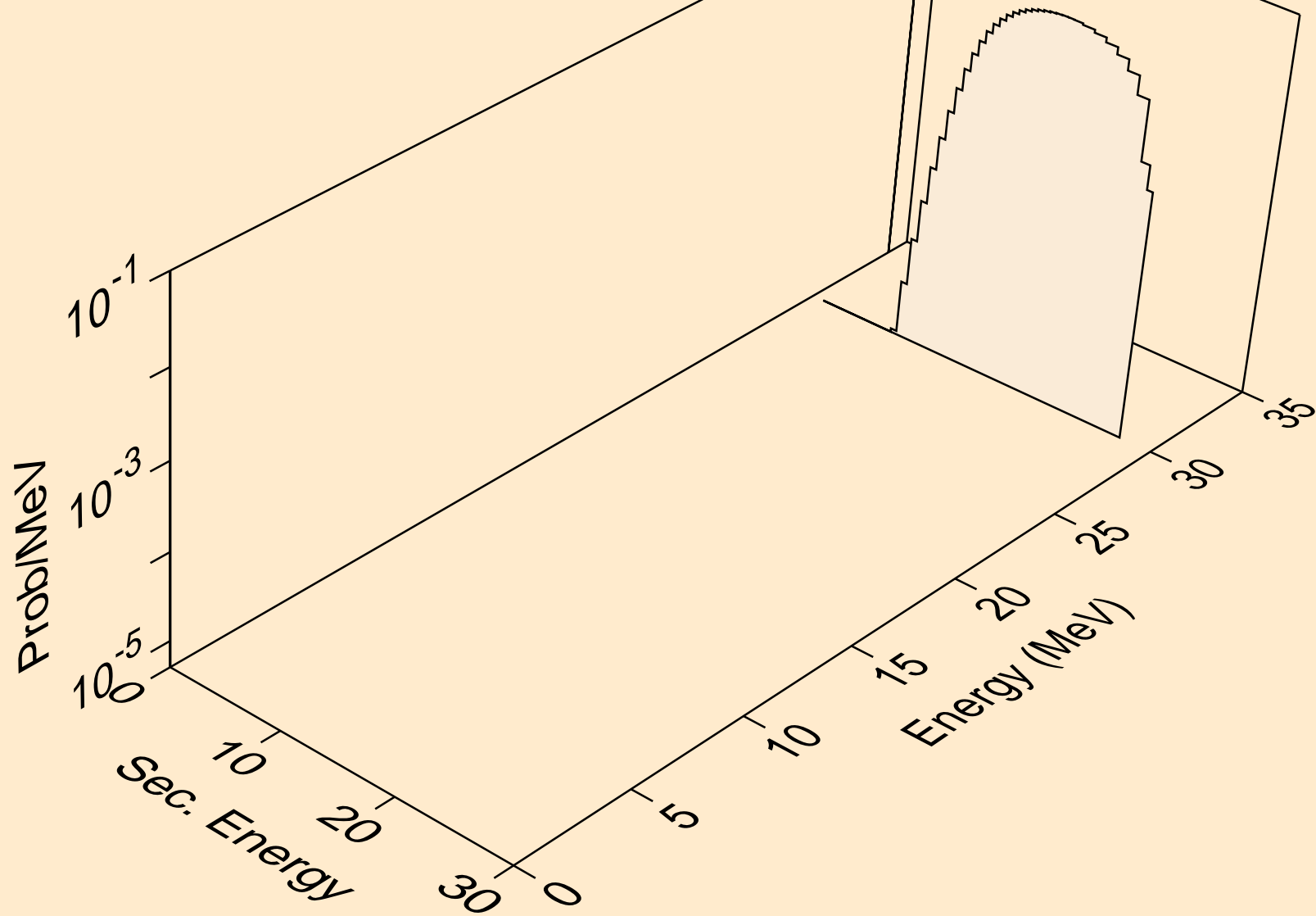
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deuterons from (n,pd)



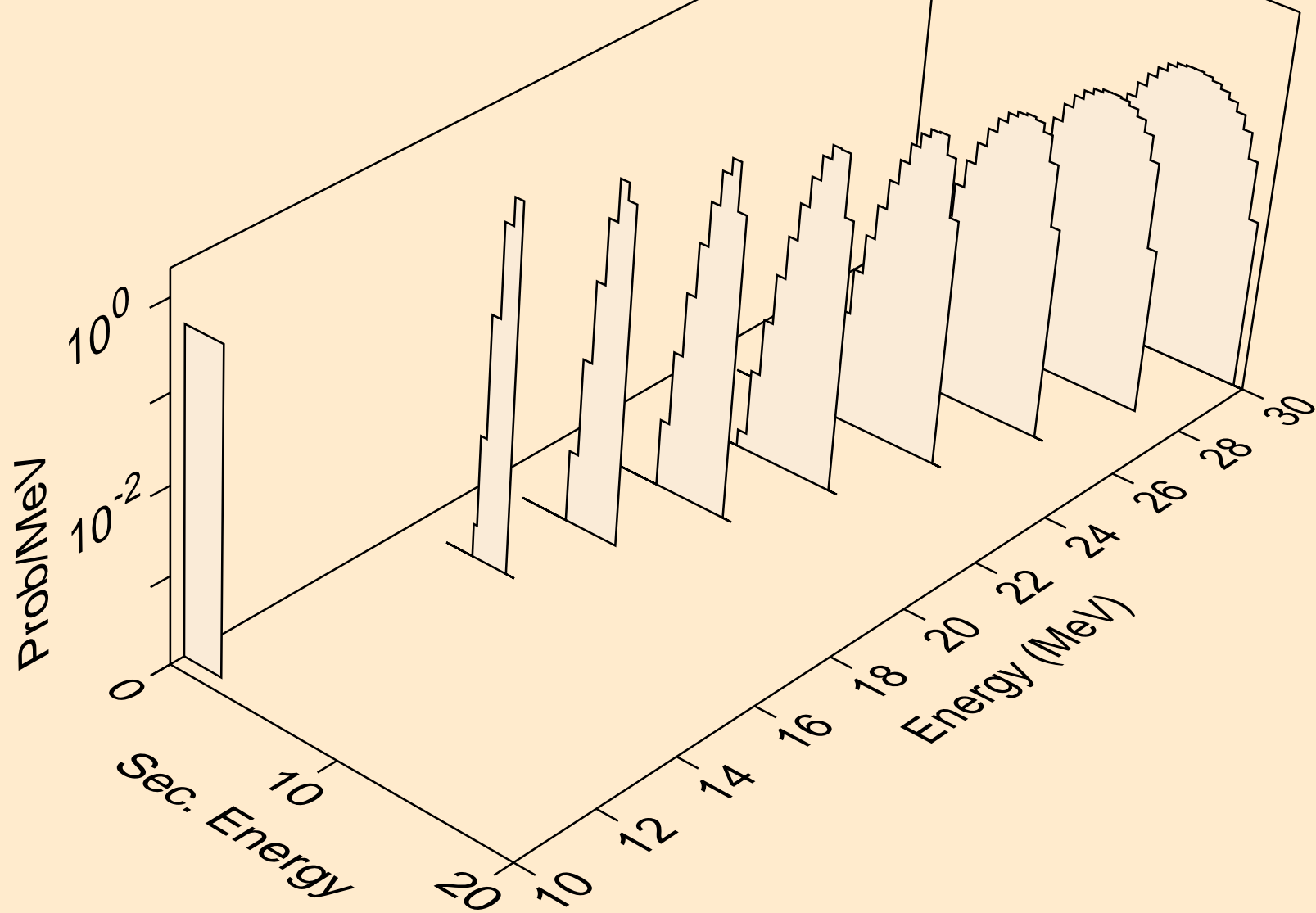
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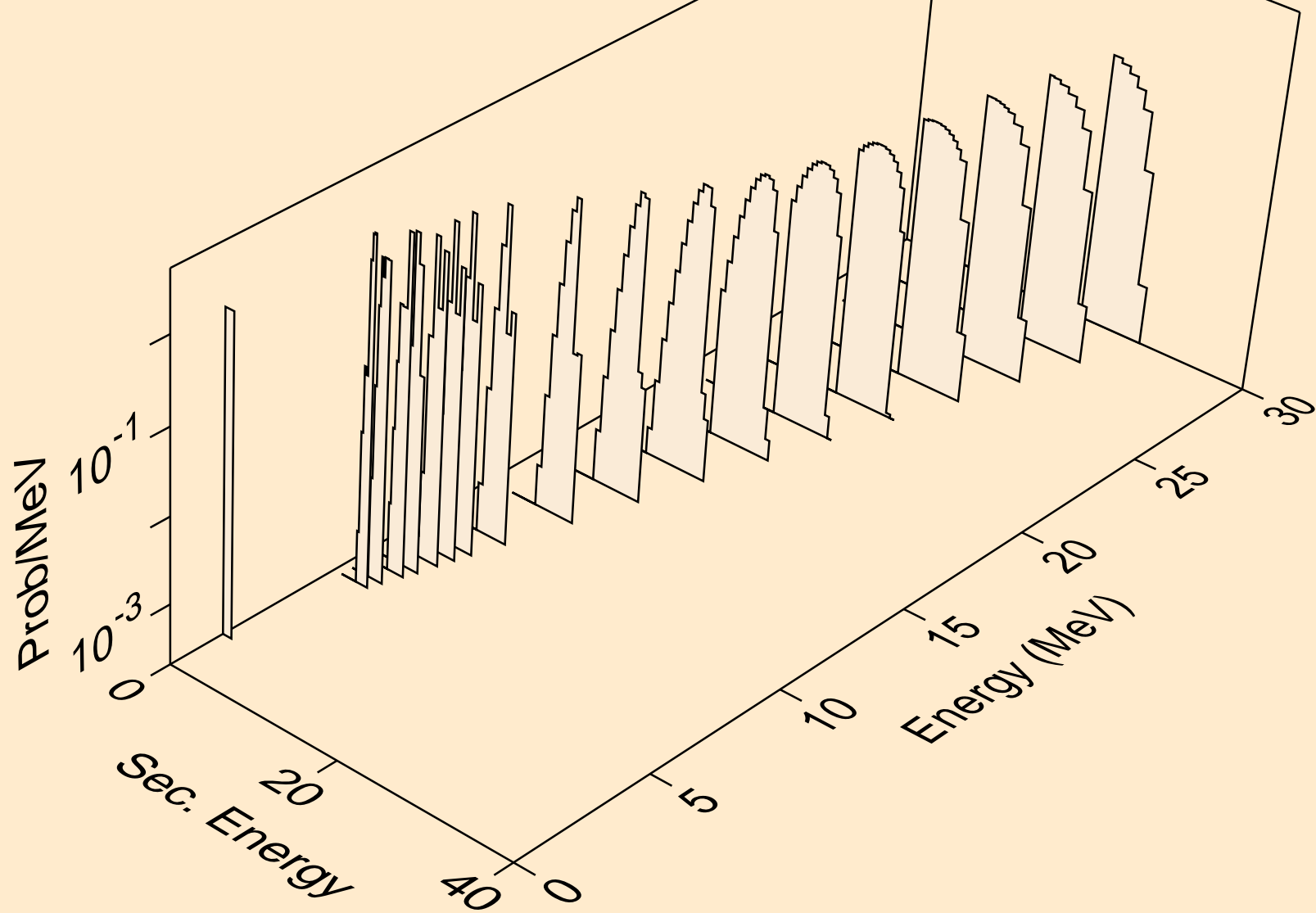
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tritons from (n,x)



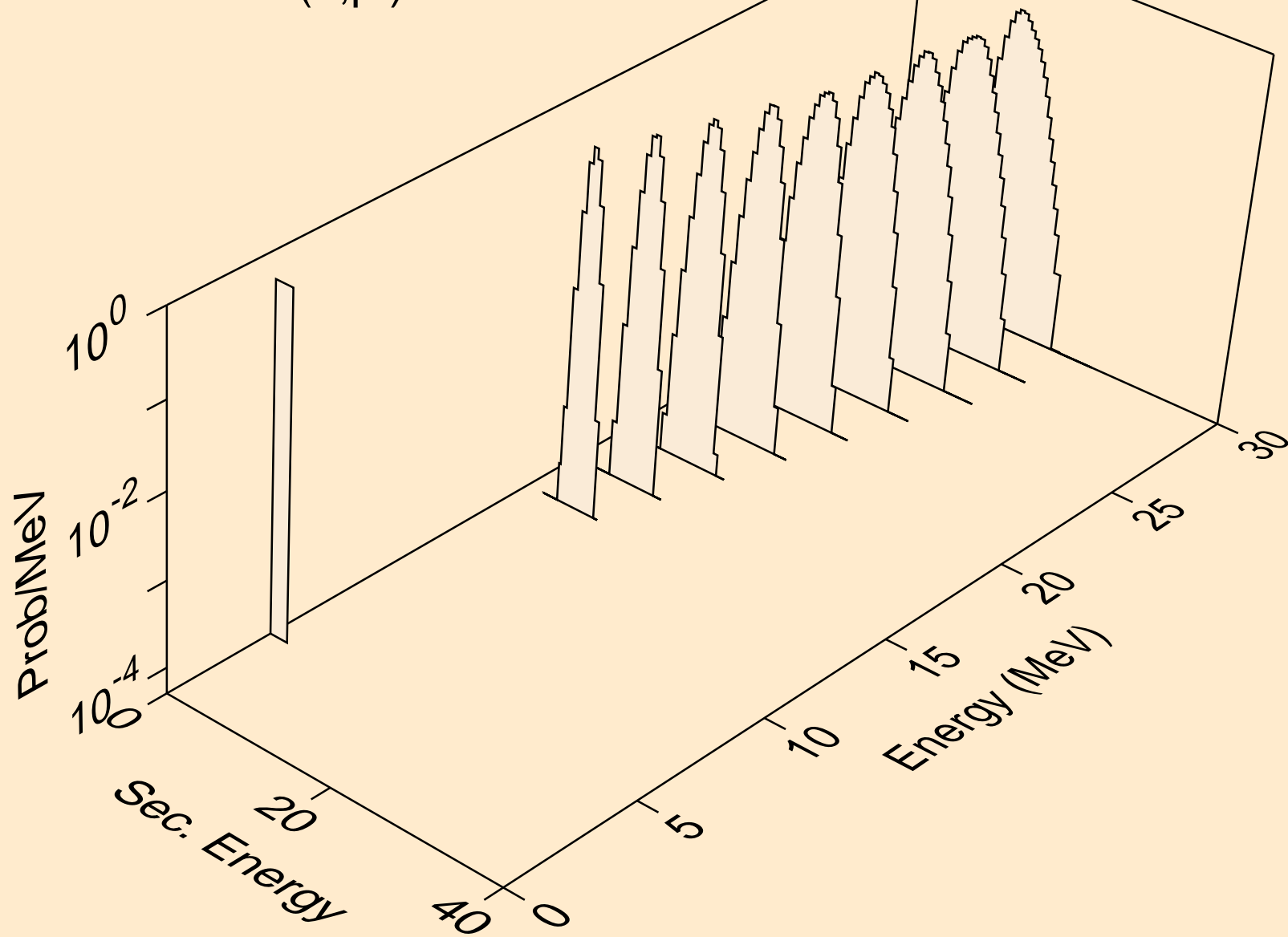
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,n*)t



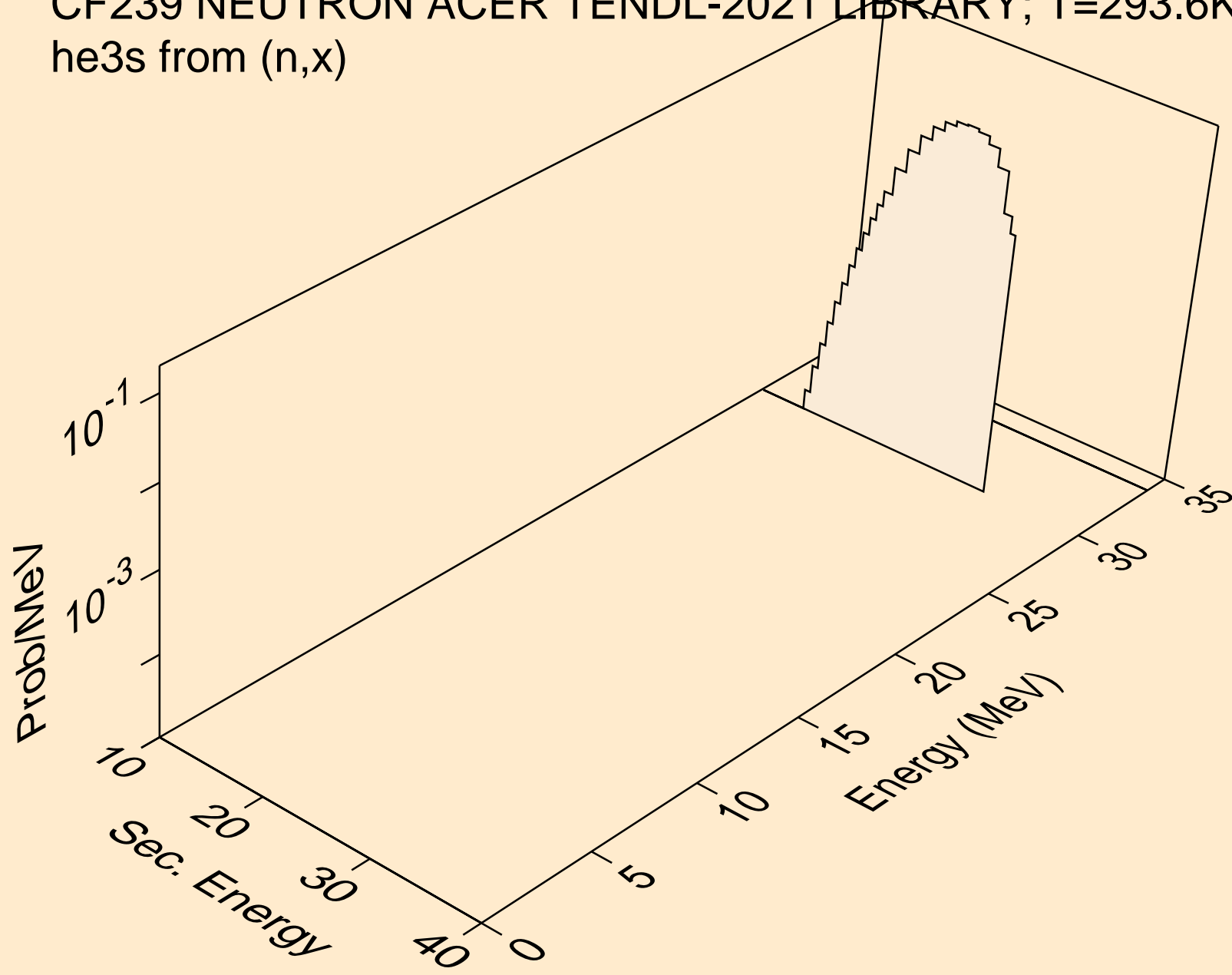
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tritons from (n,t)



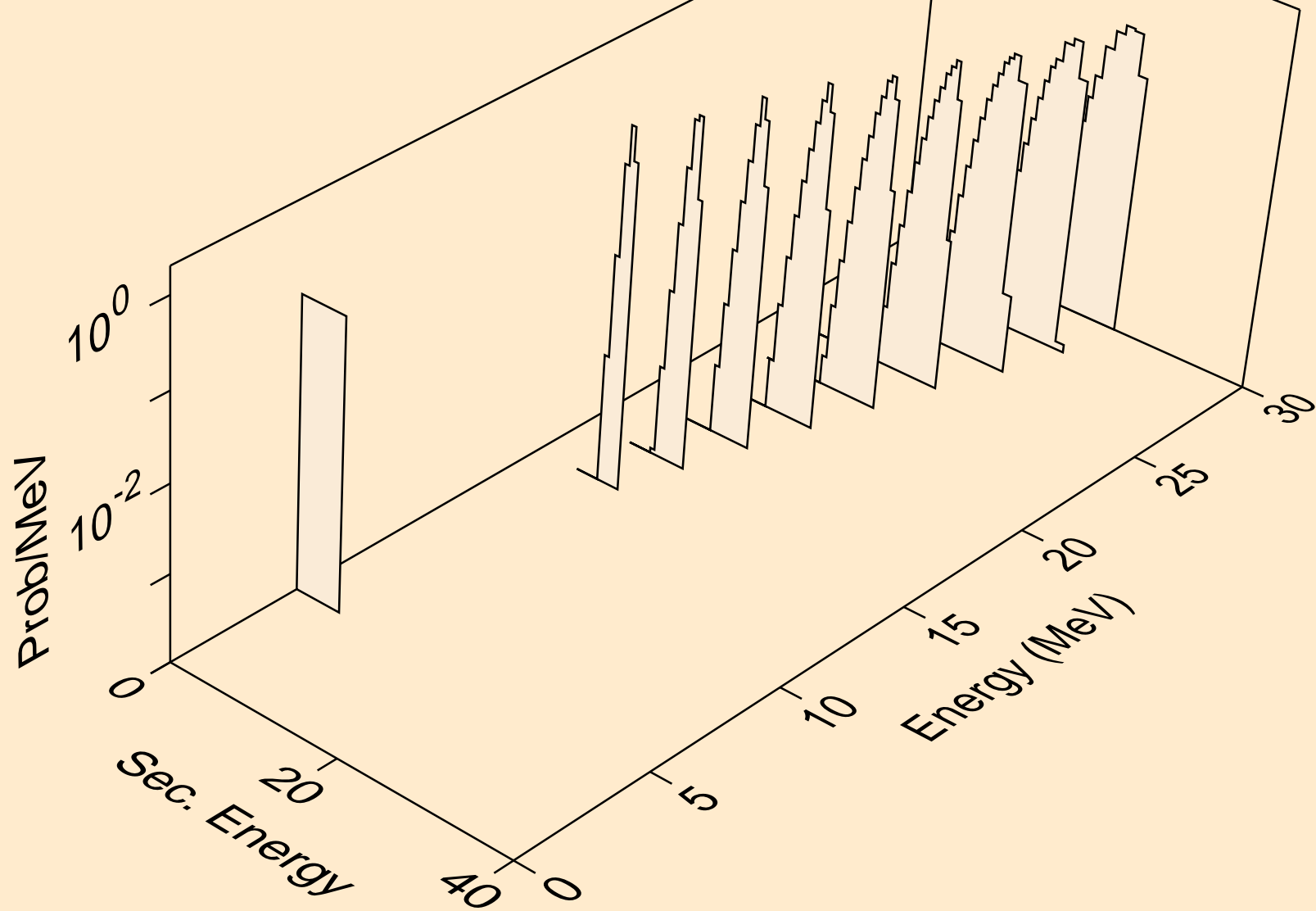
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tritons from (n,pt)



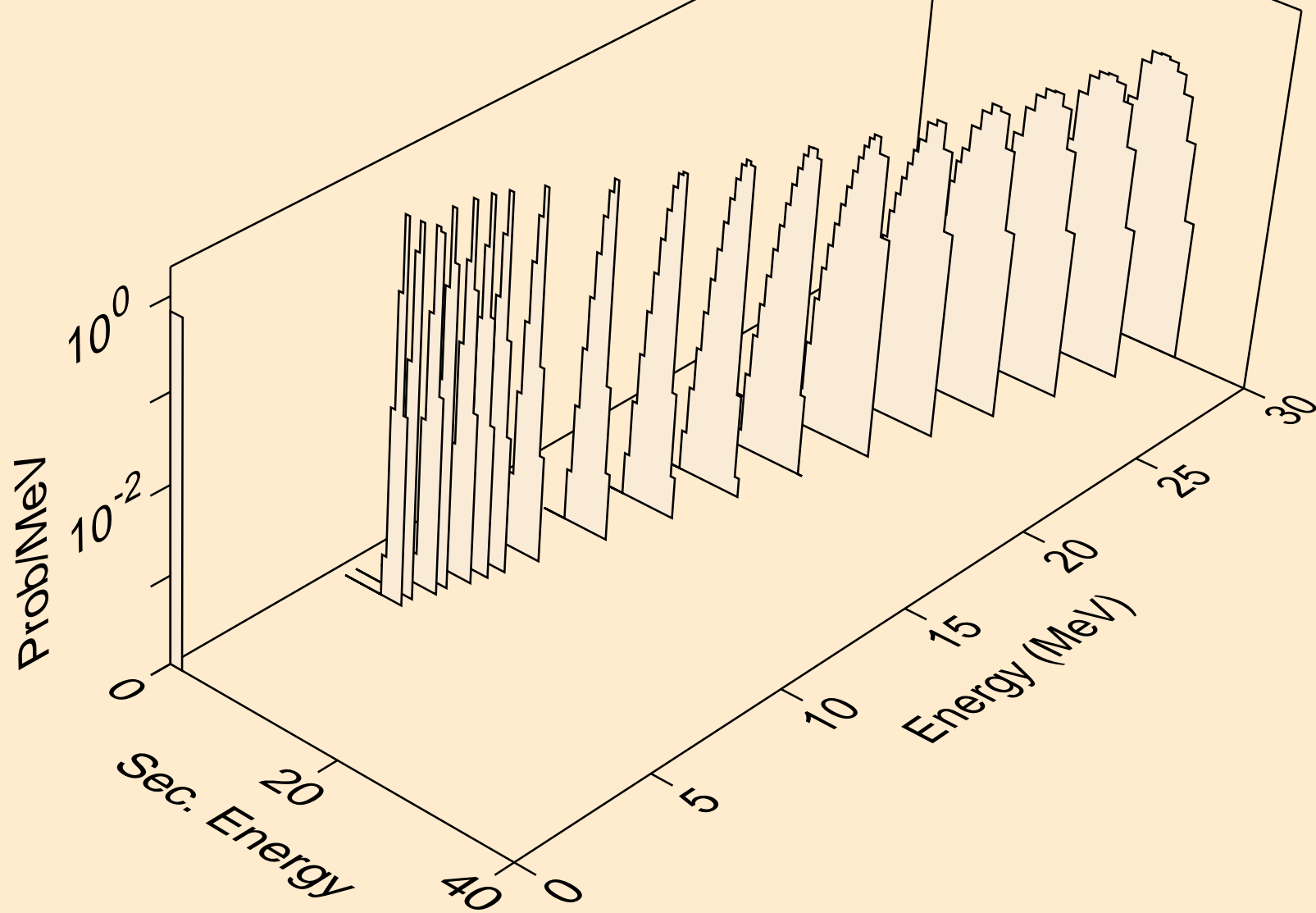
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he3s from (n,x)



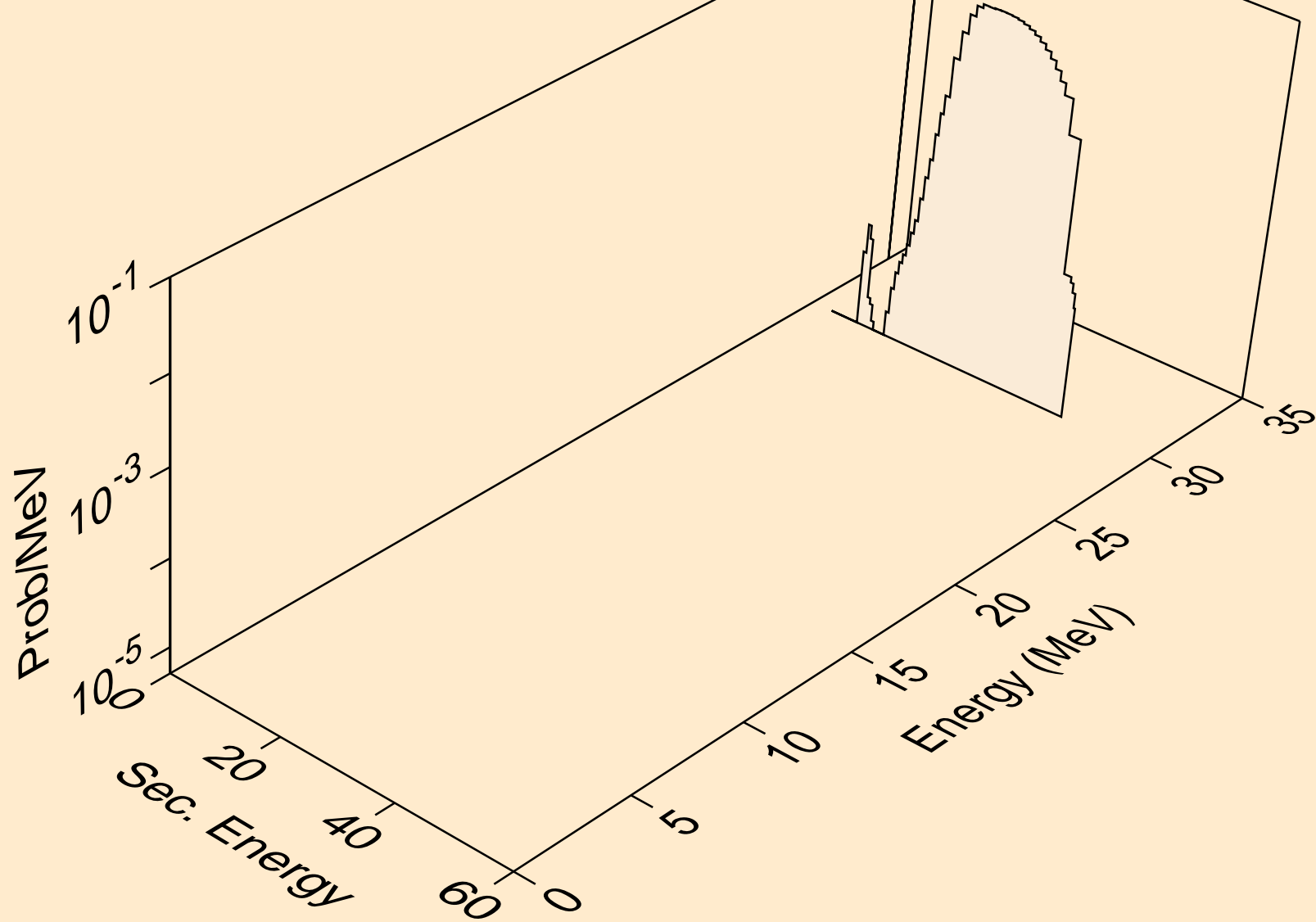
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he3s from (n,n*)he3



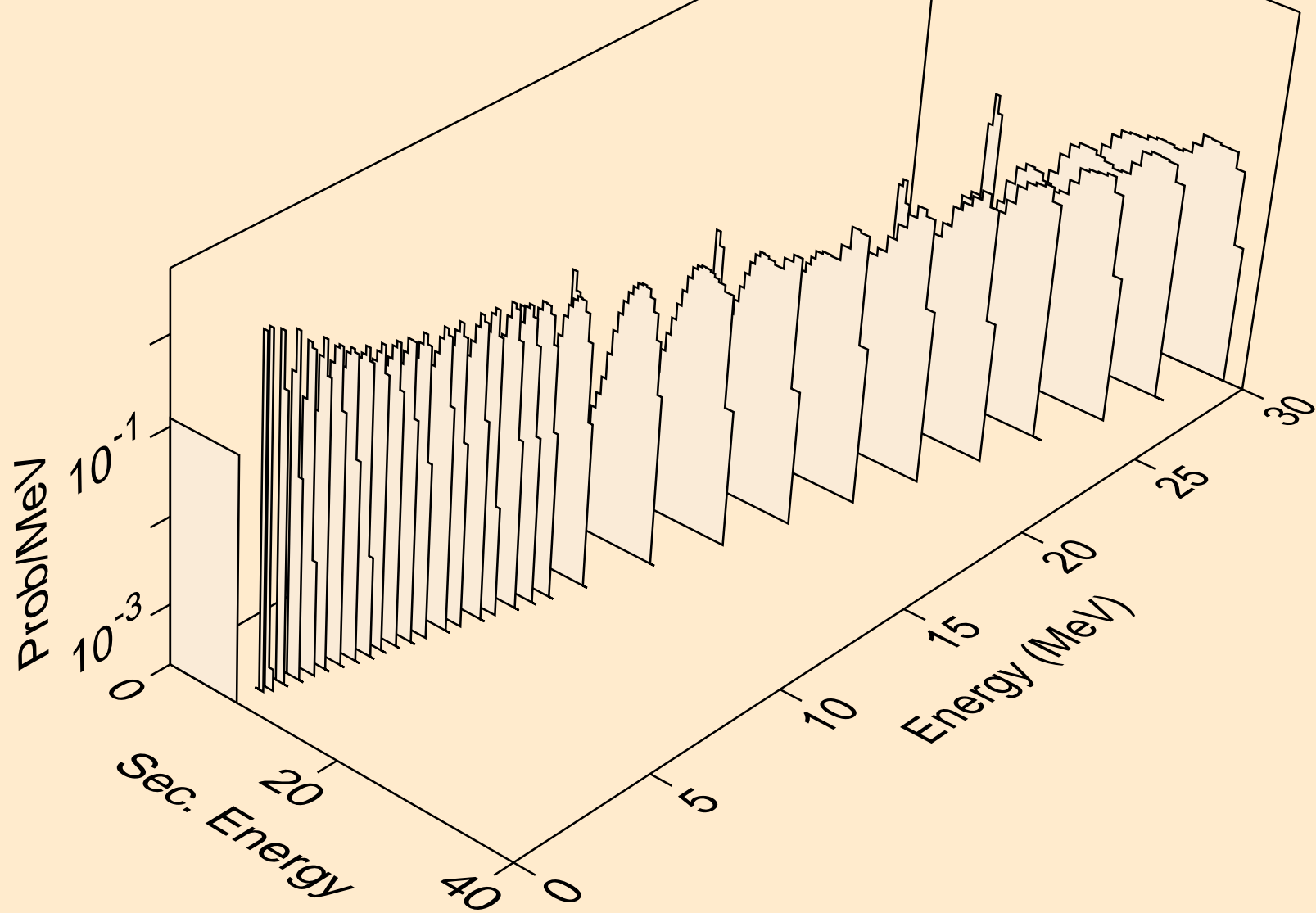
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he3s from (n,he3)



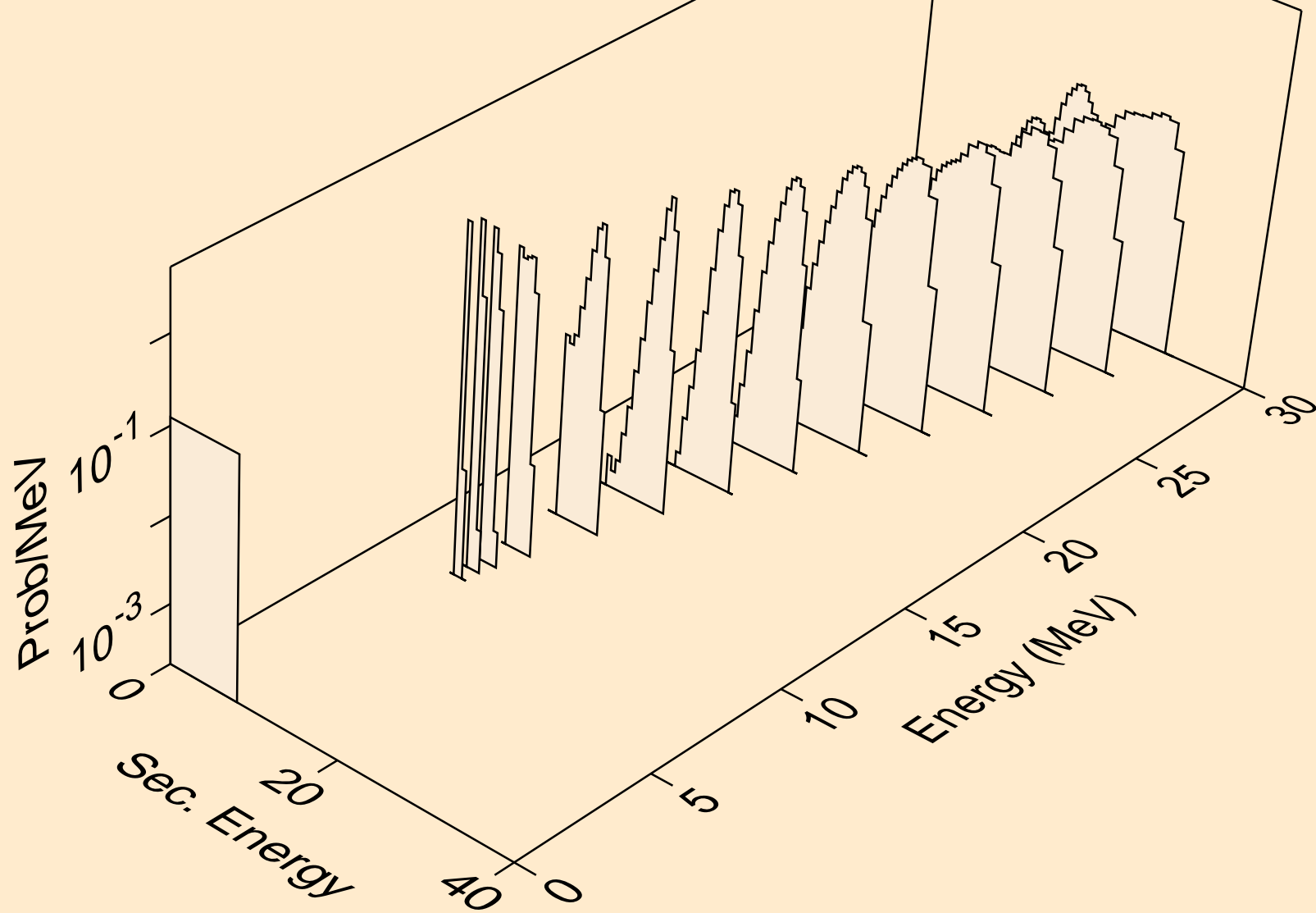
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,x)



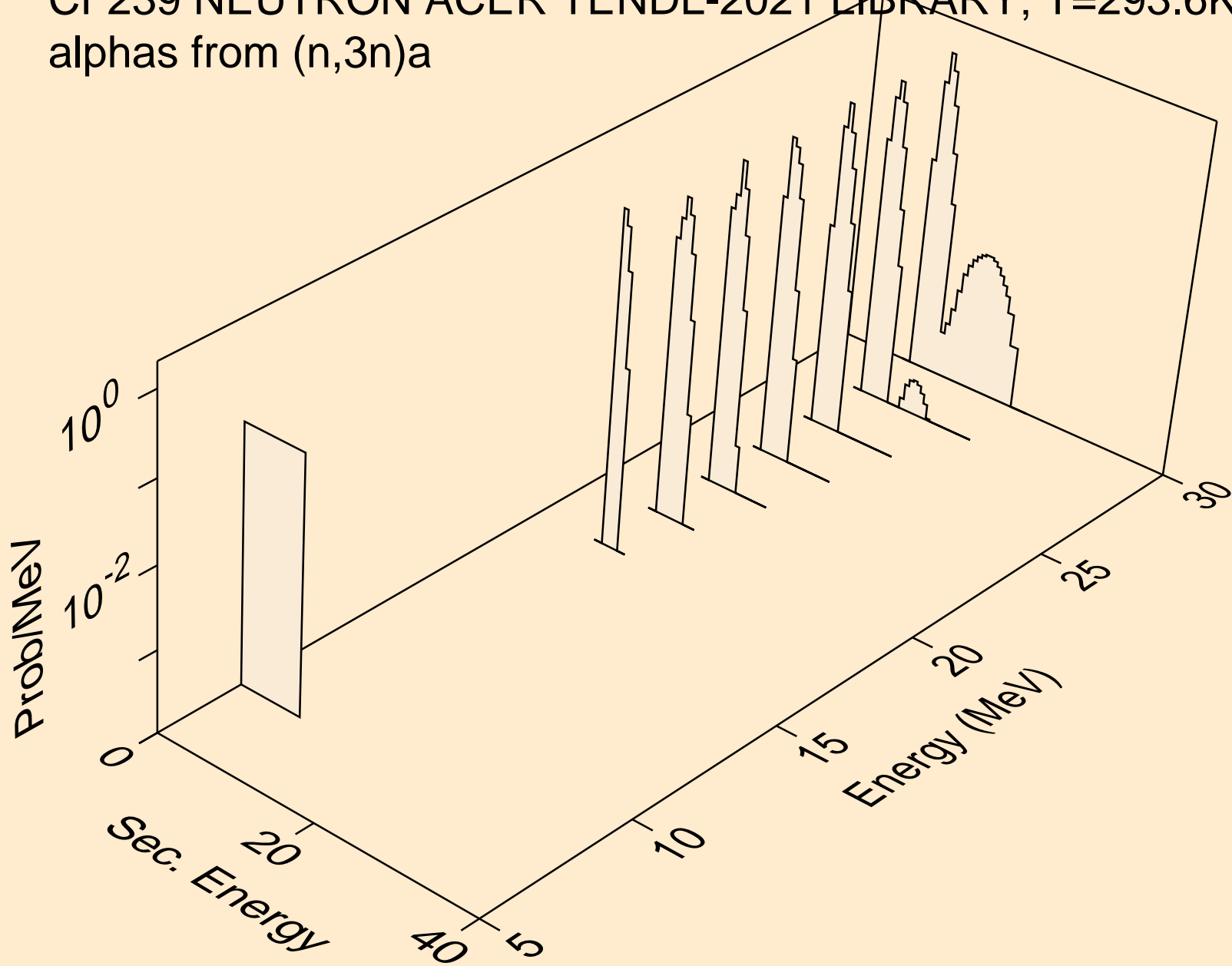
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,n*)a



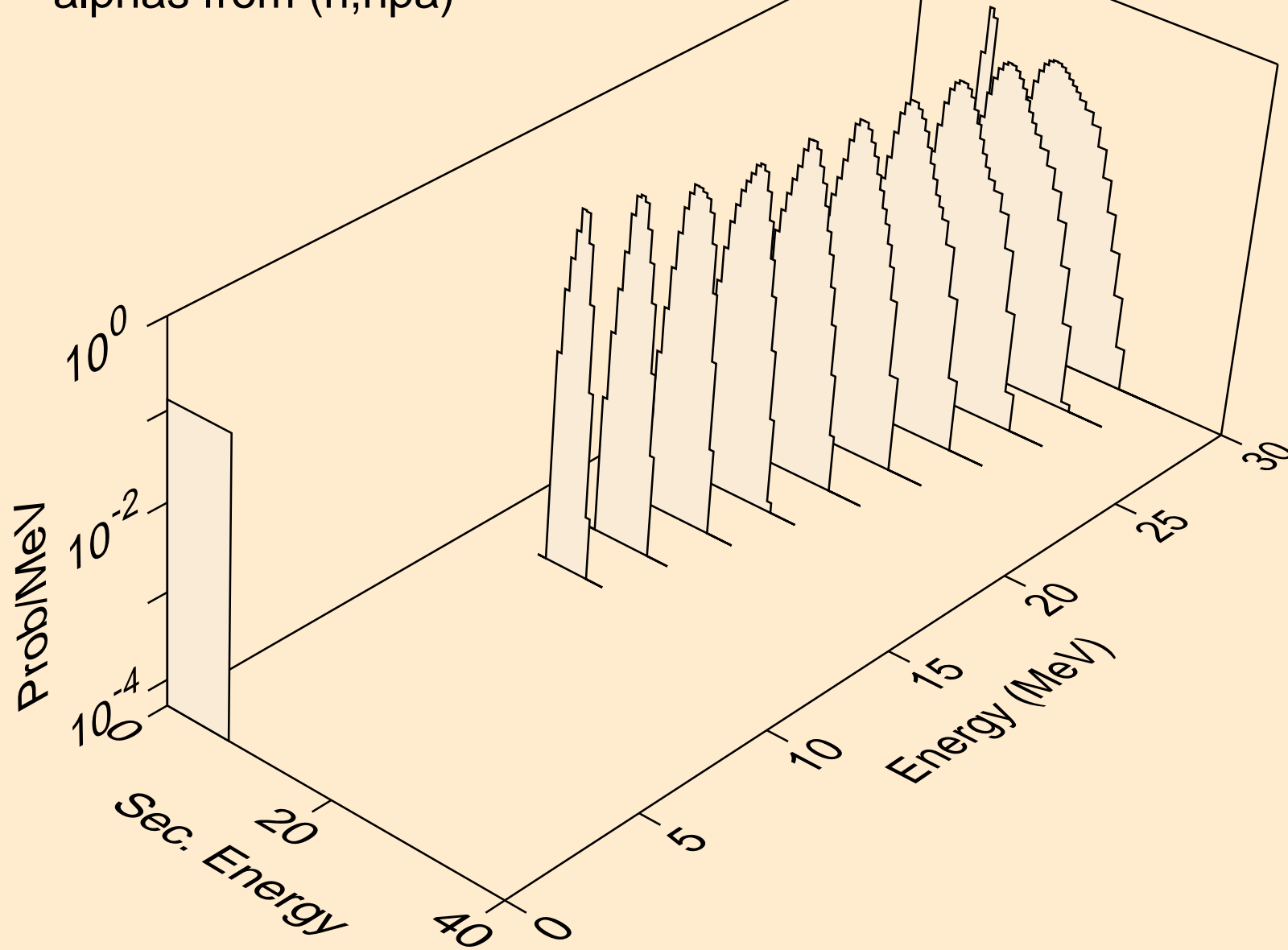
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2n)a



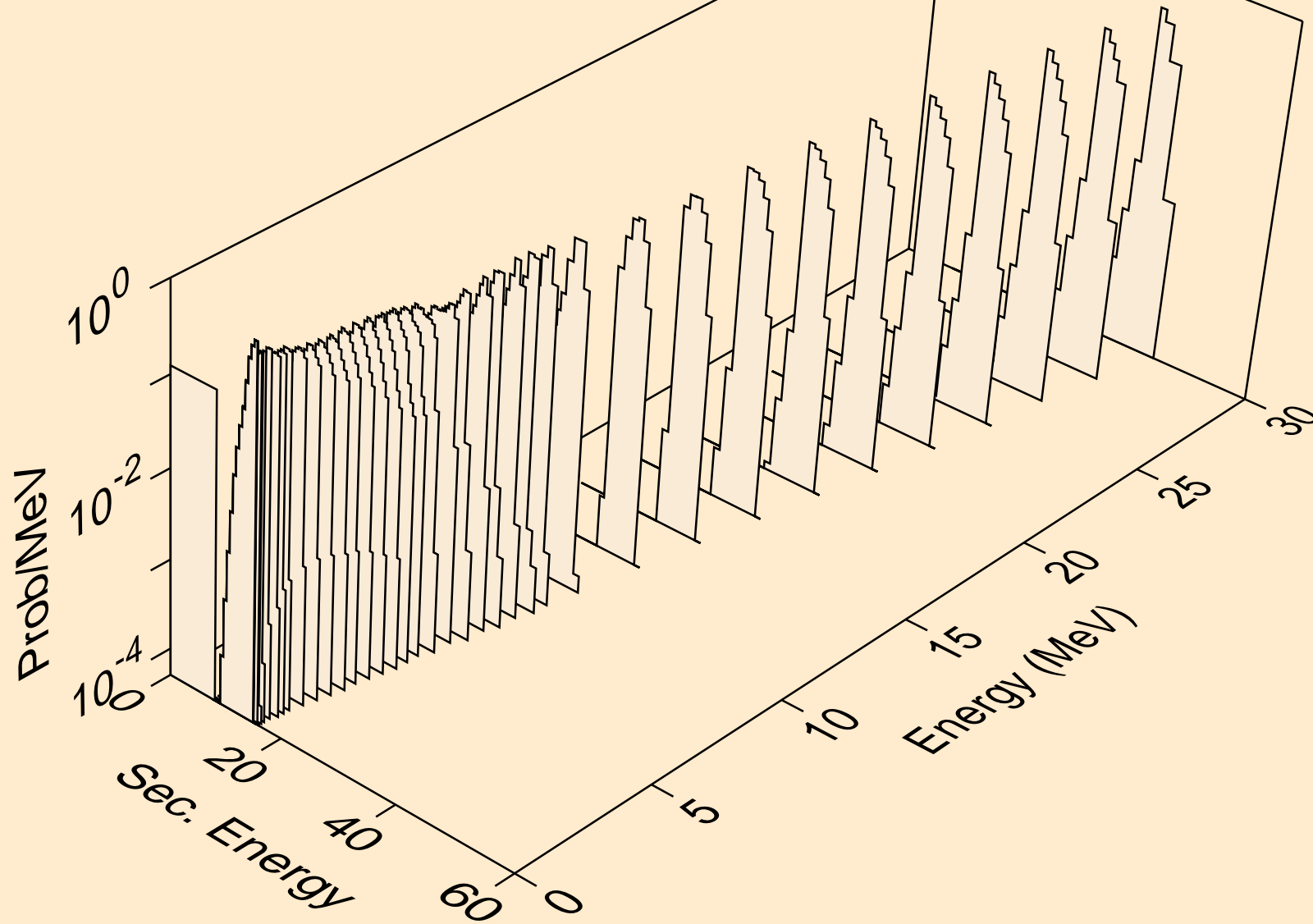
CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,3n)a



CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,npa)



CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,a)



CF239 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,da)

