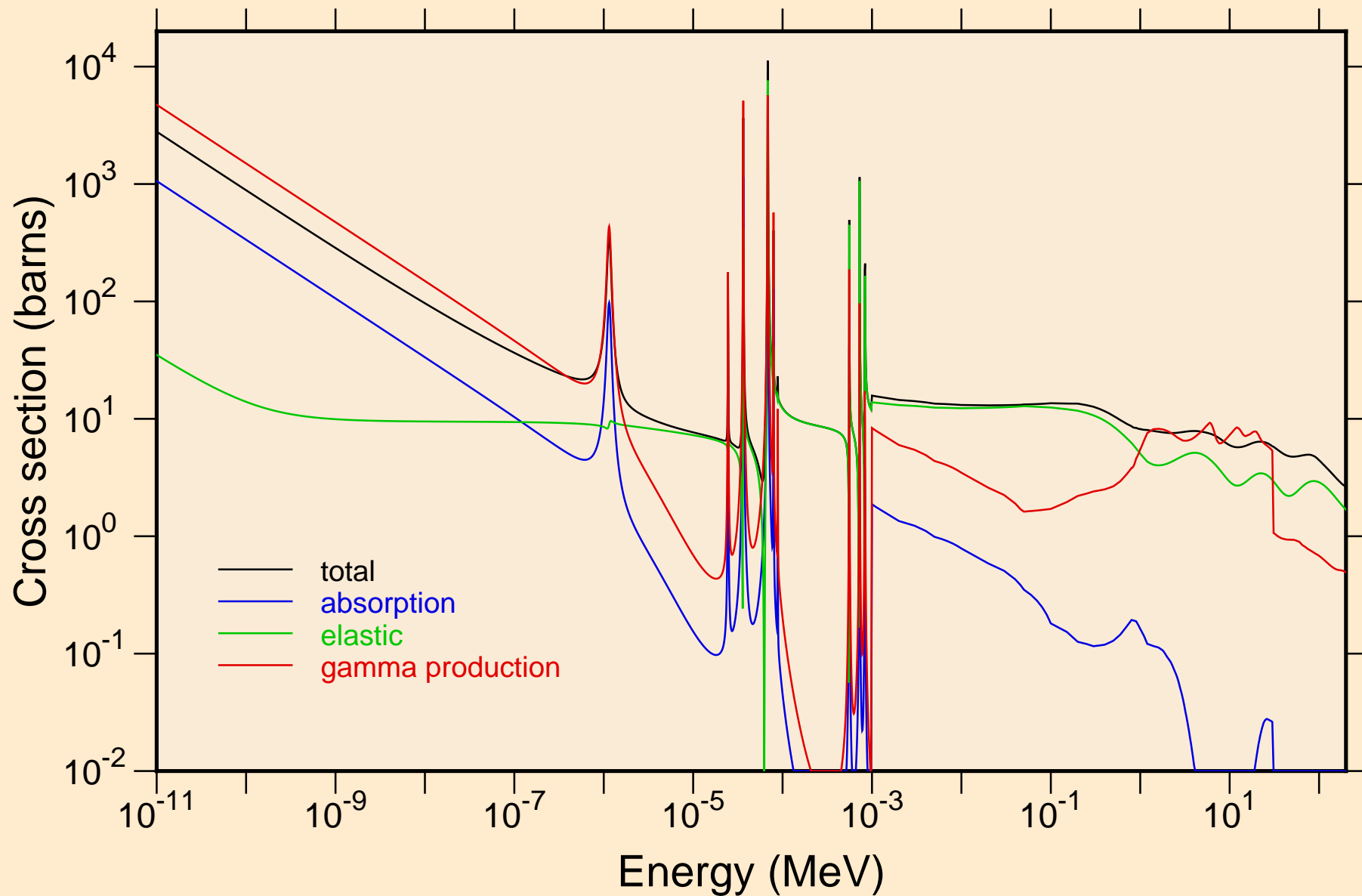
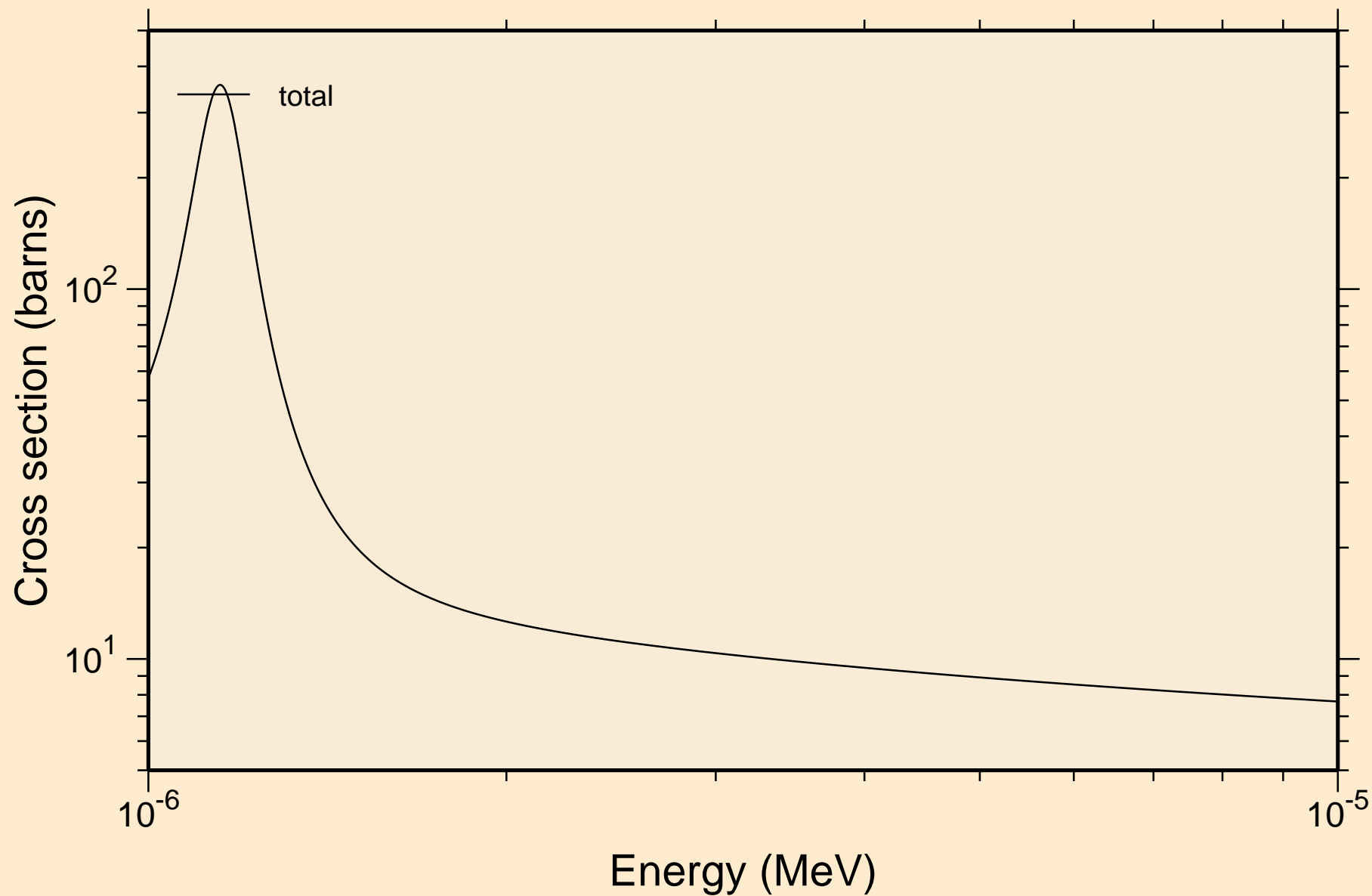


CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

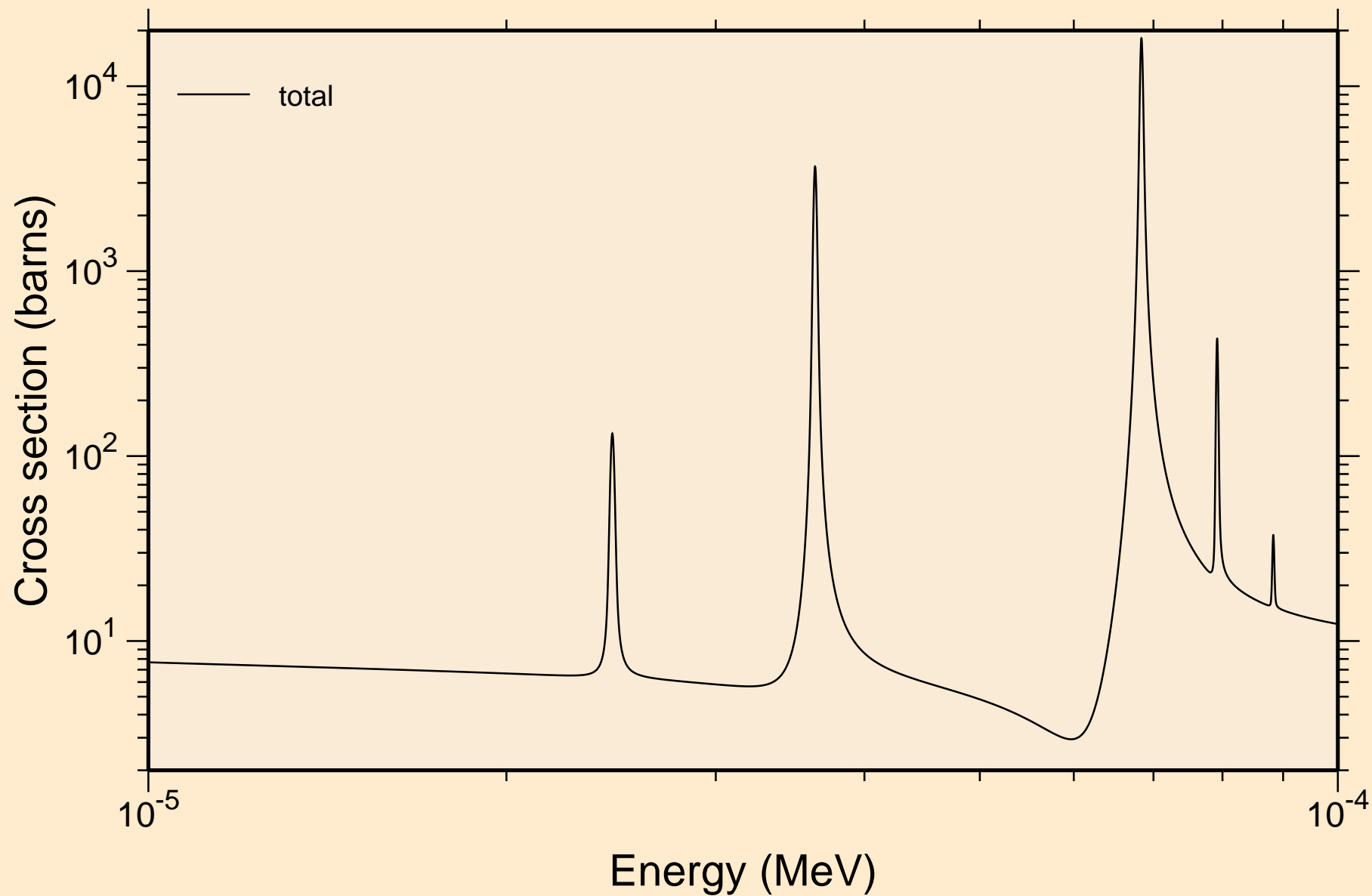
Principal cross sections



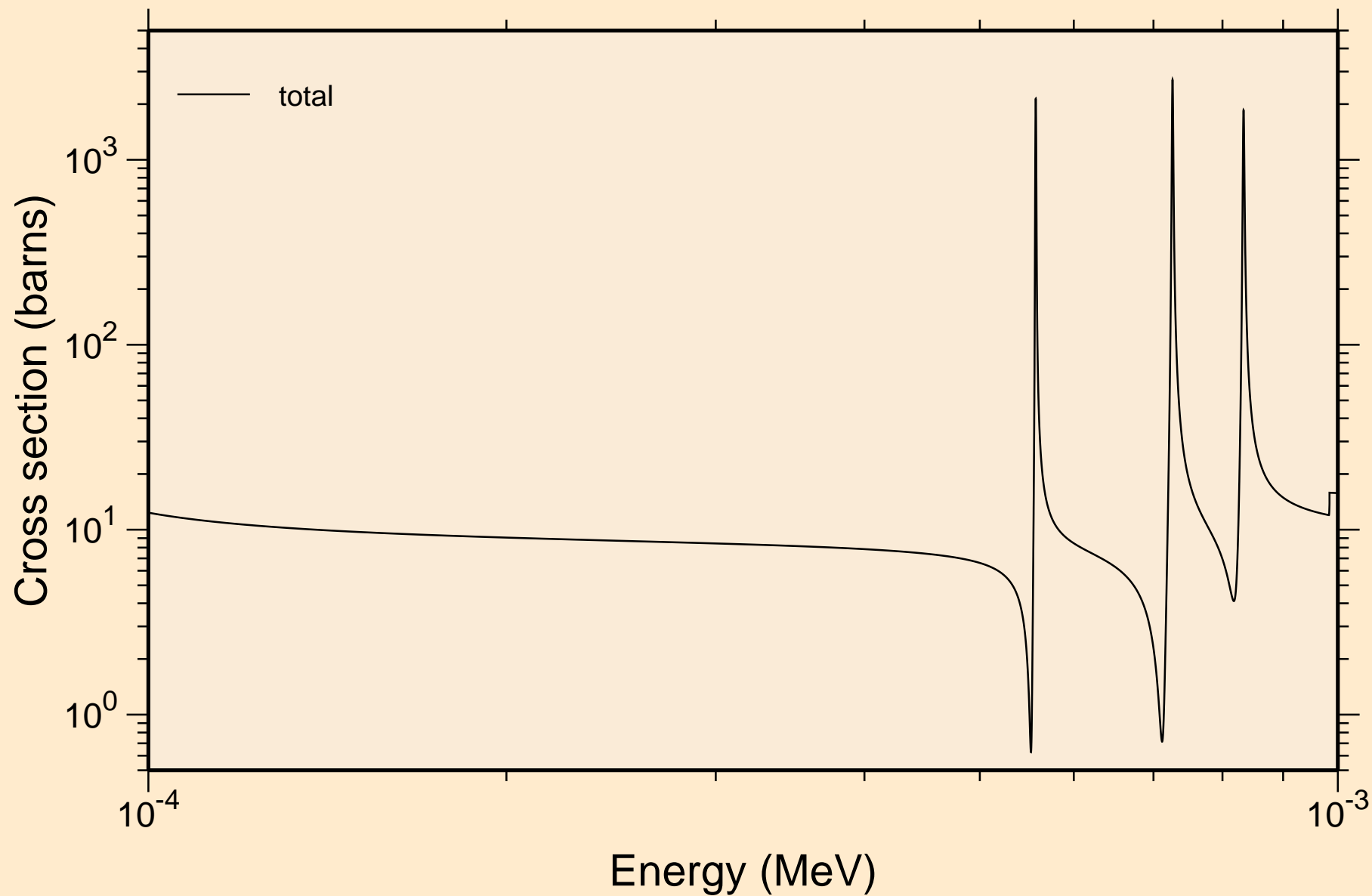
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resonance total cross section



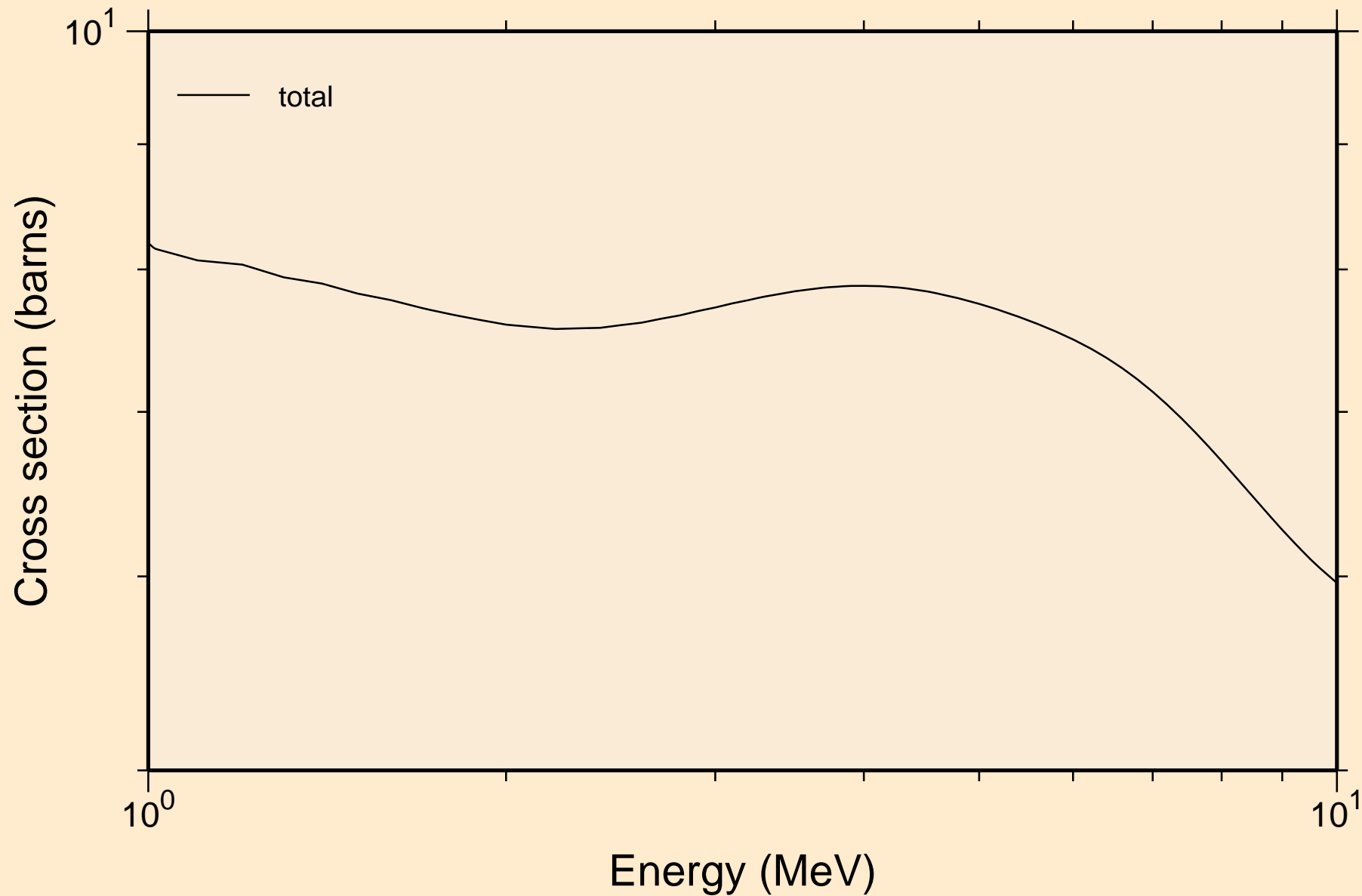
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



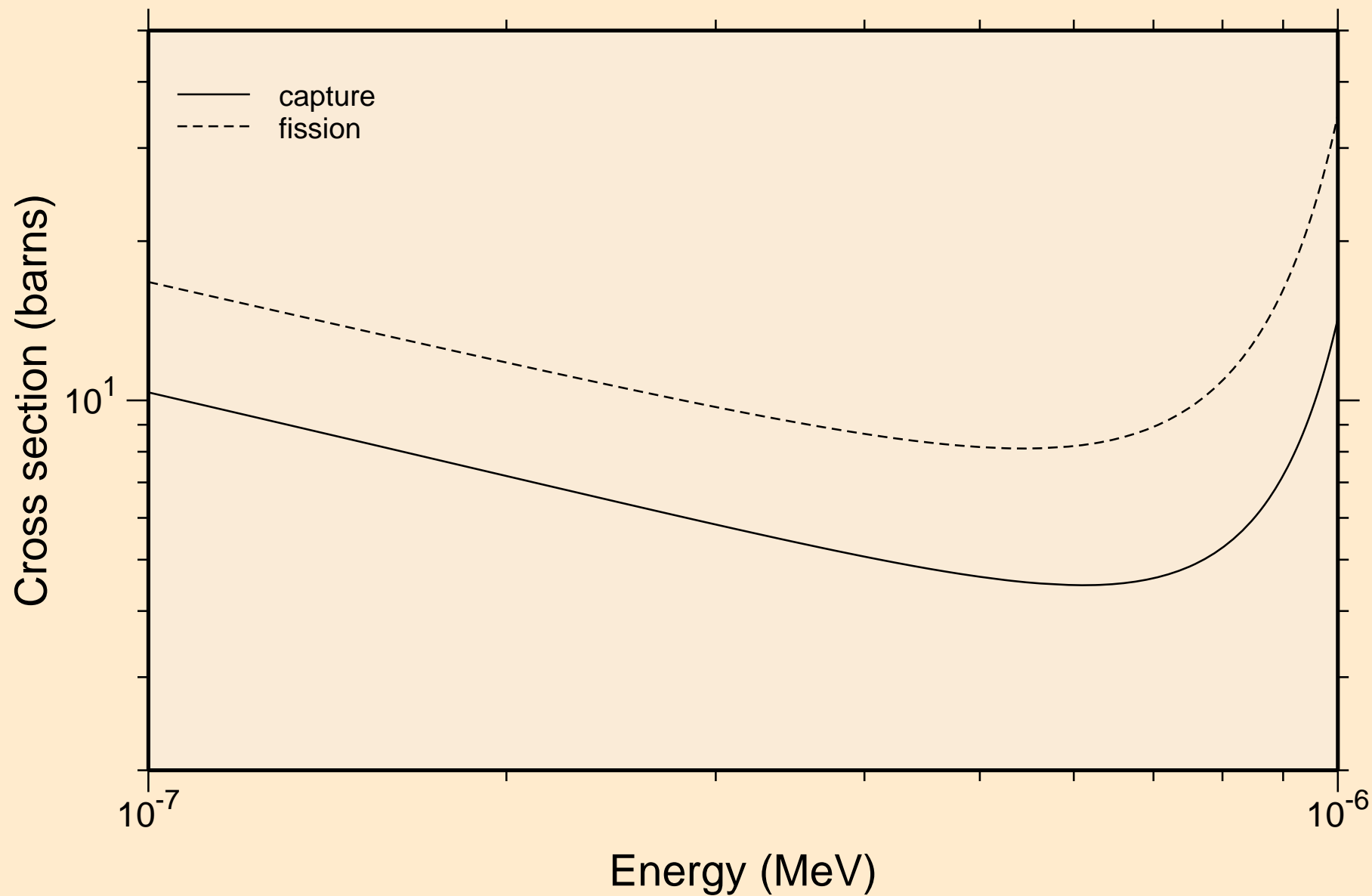
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resonance total cross section



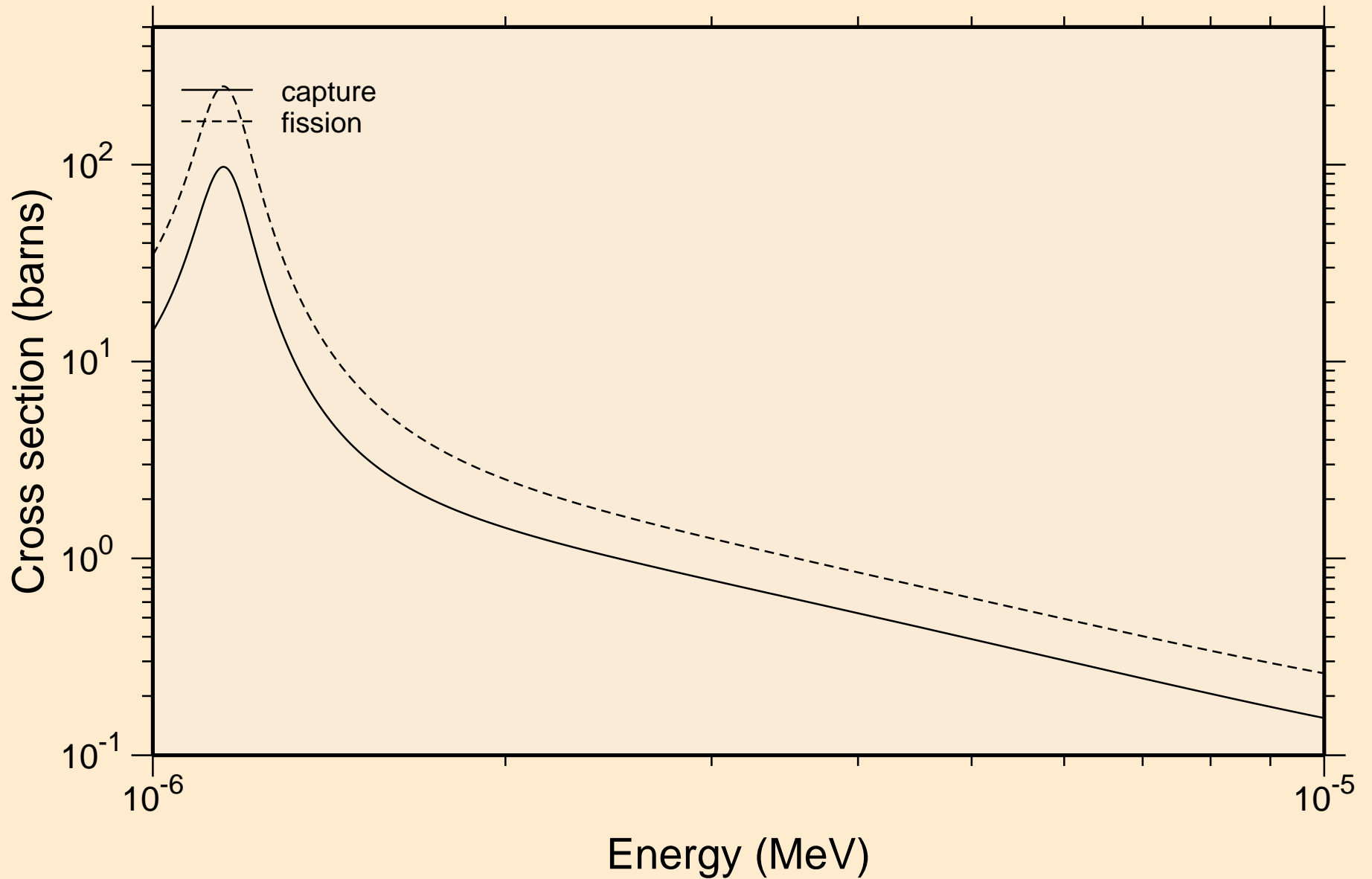
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



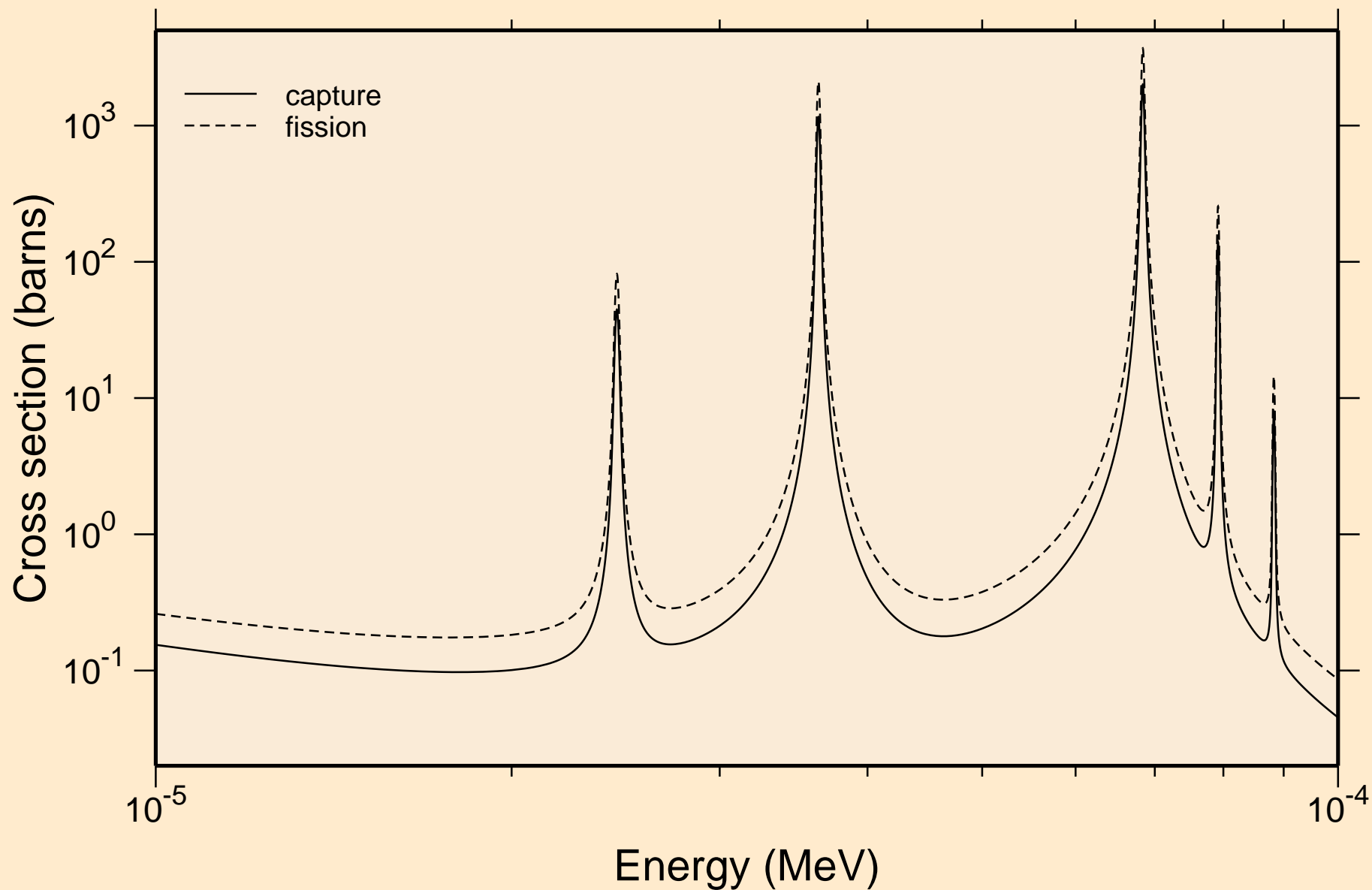
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



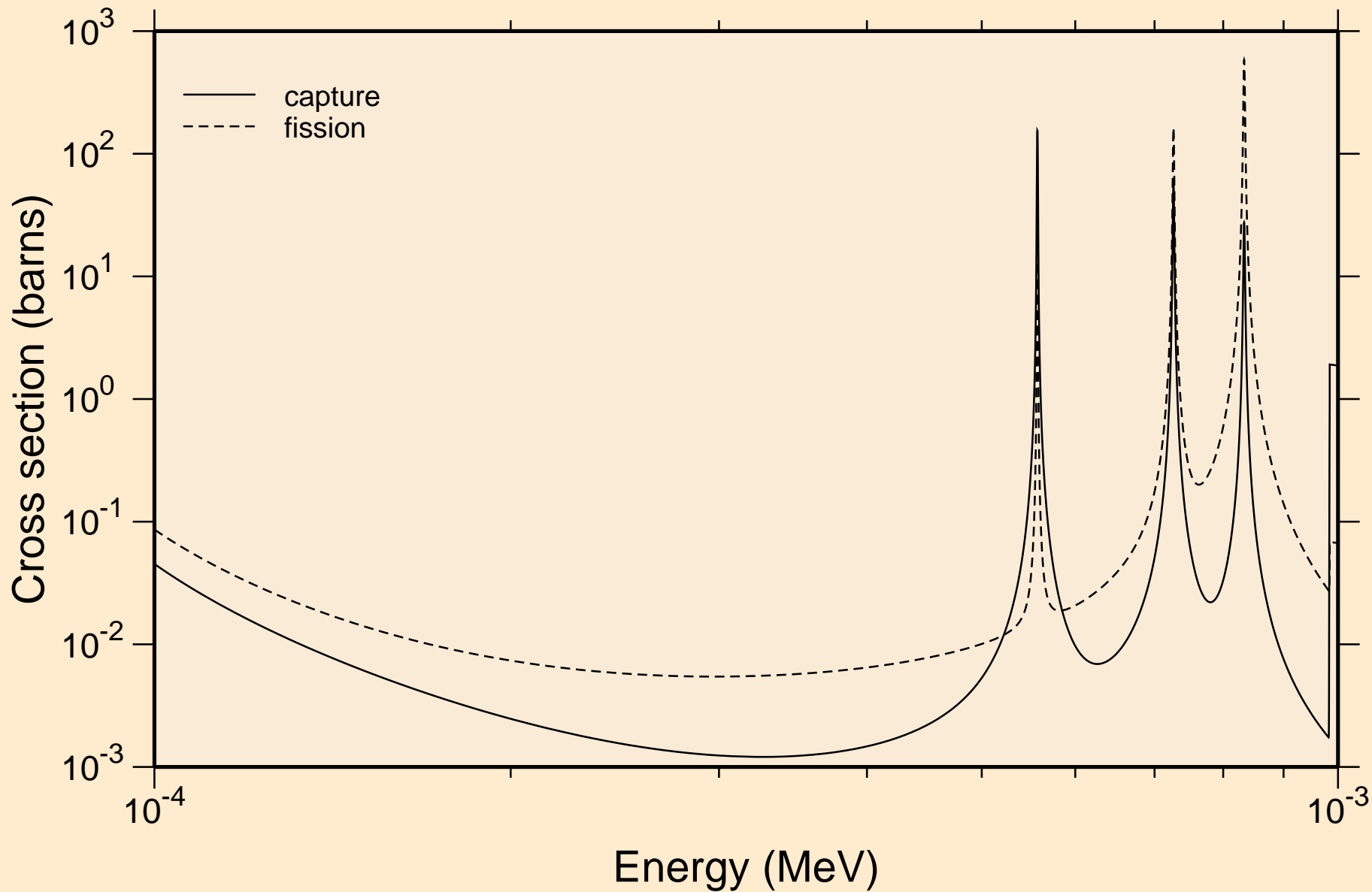
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resonance absorption cross sections



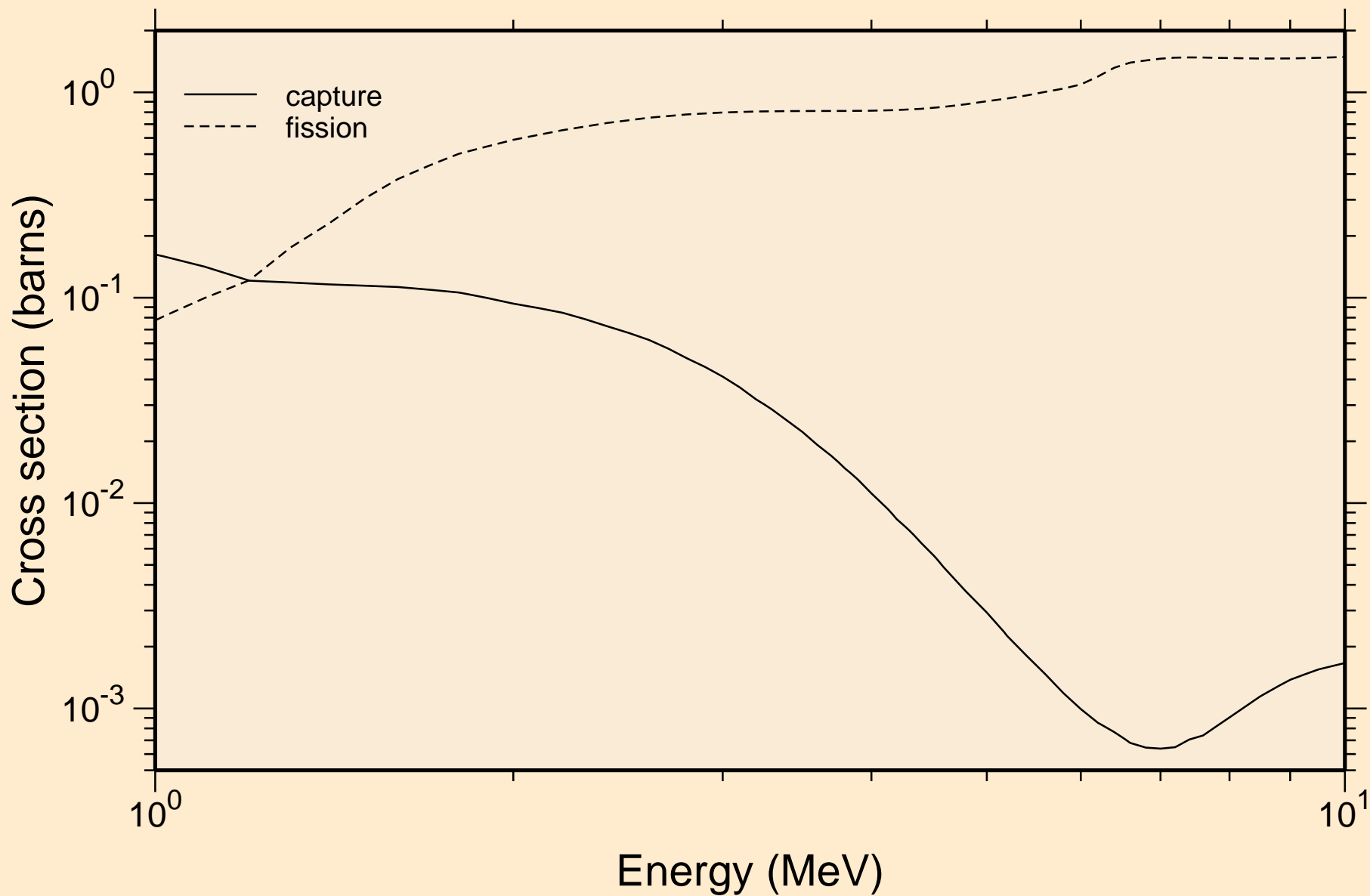
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



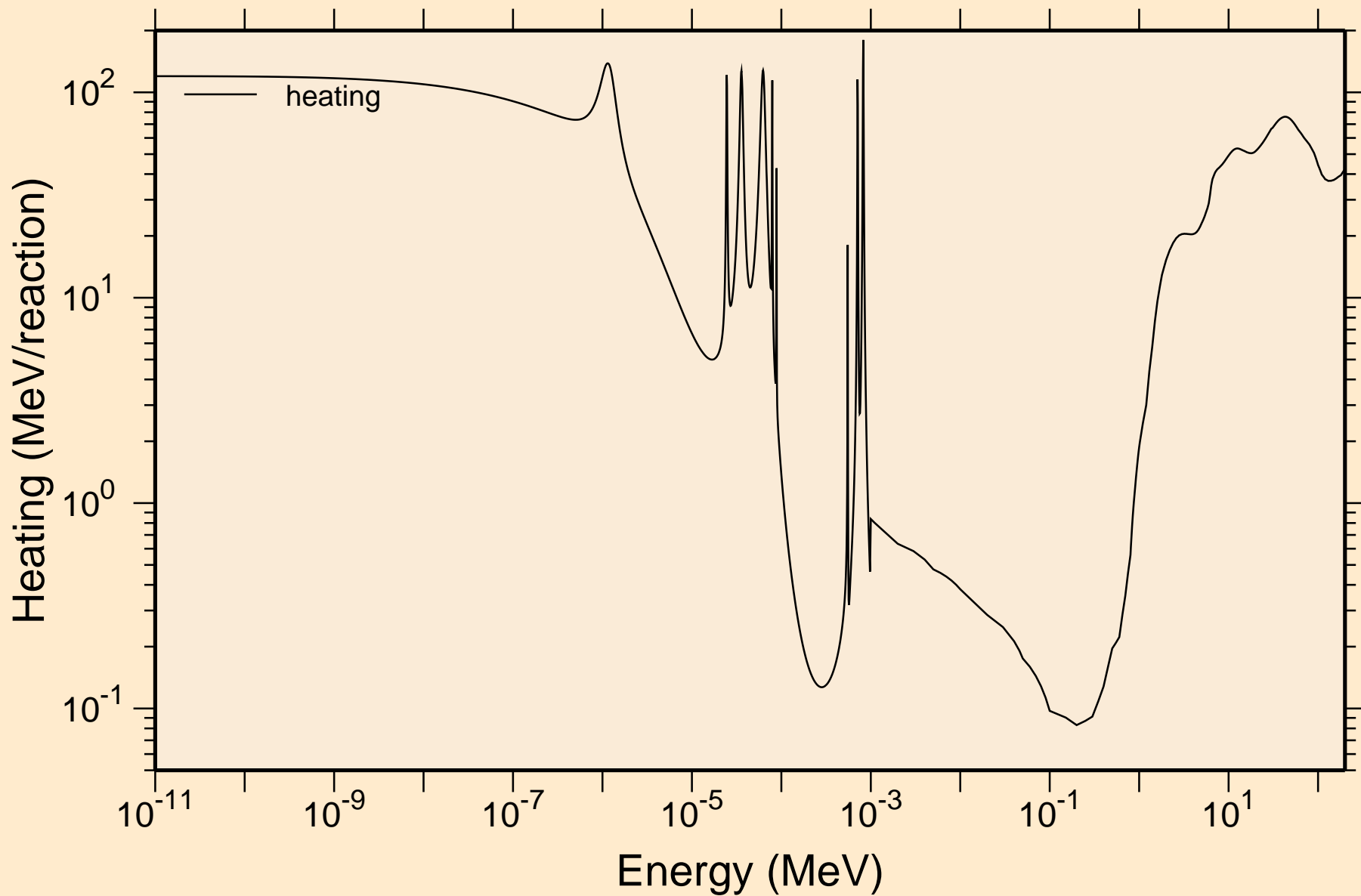
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resonance absorption cross sections



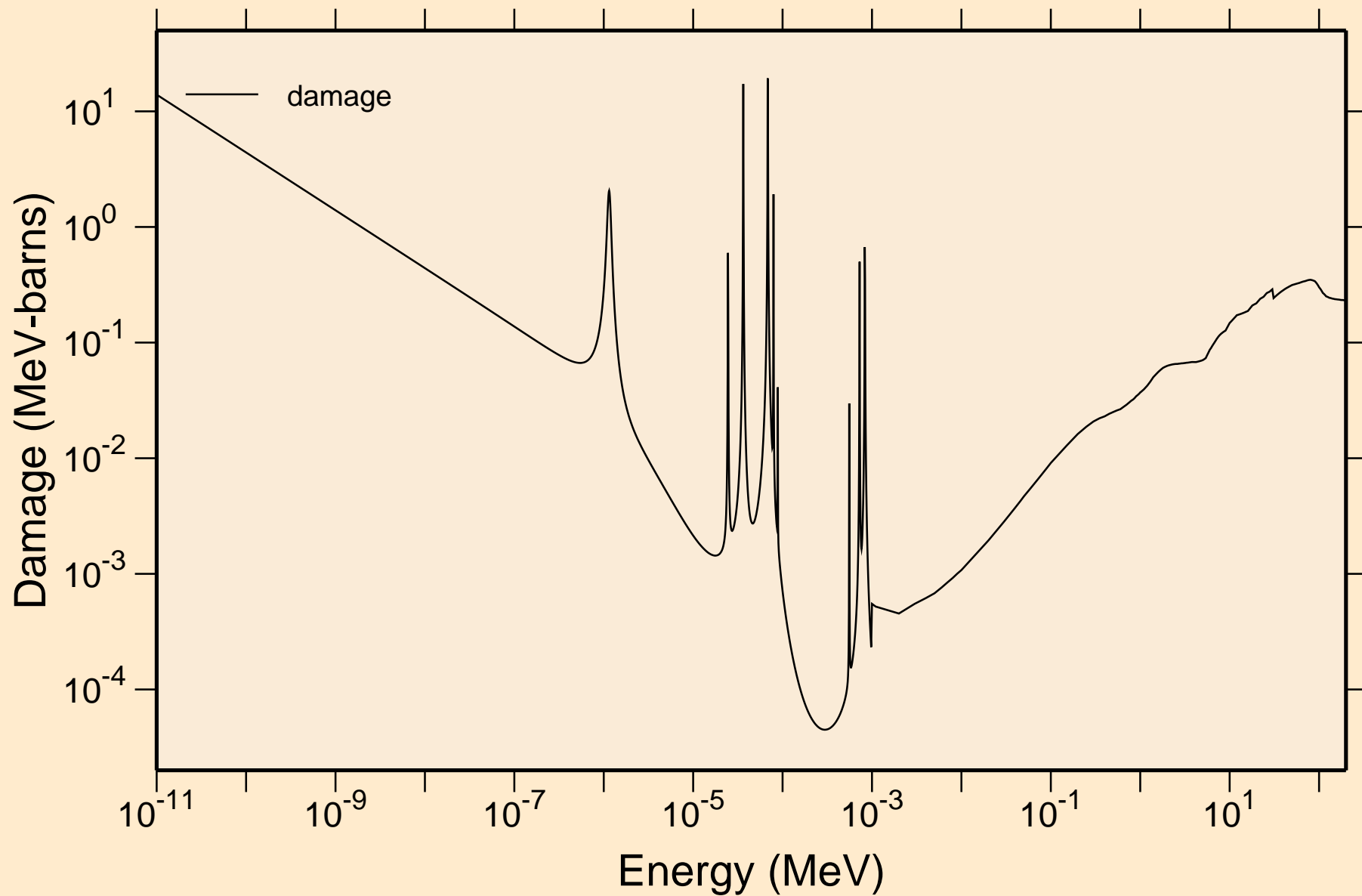
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



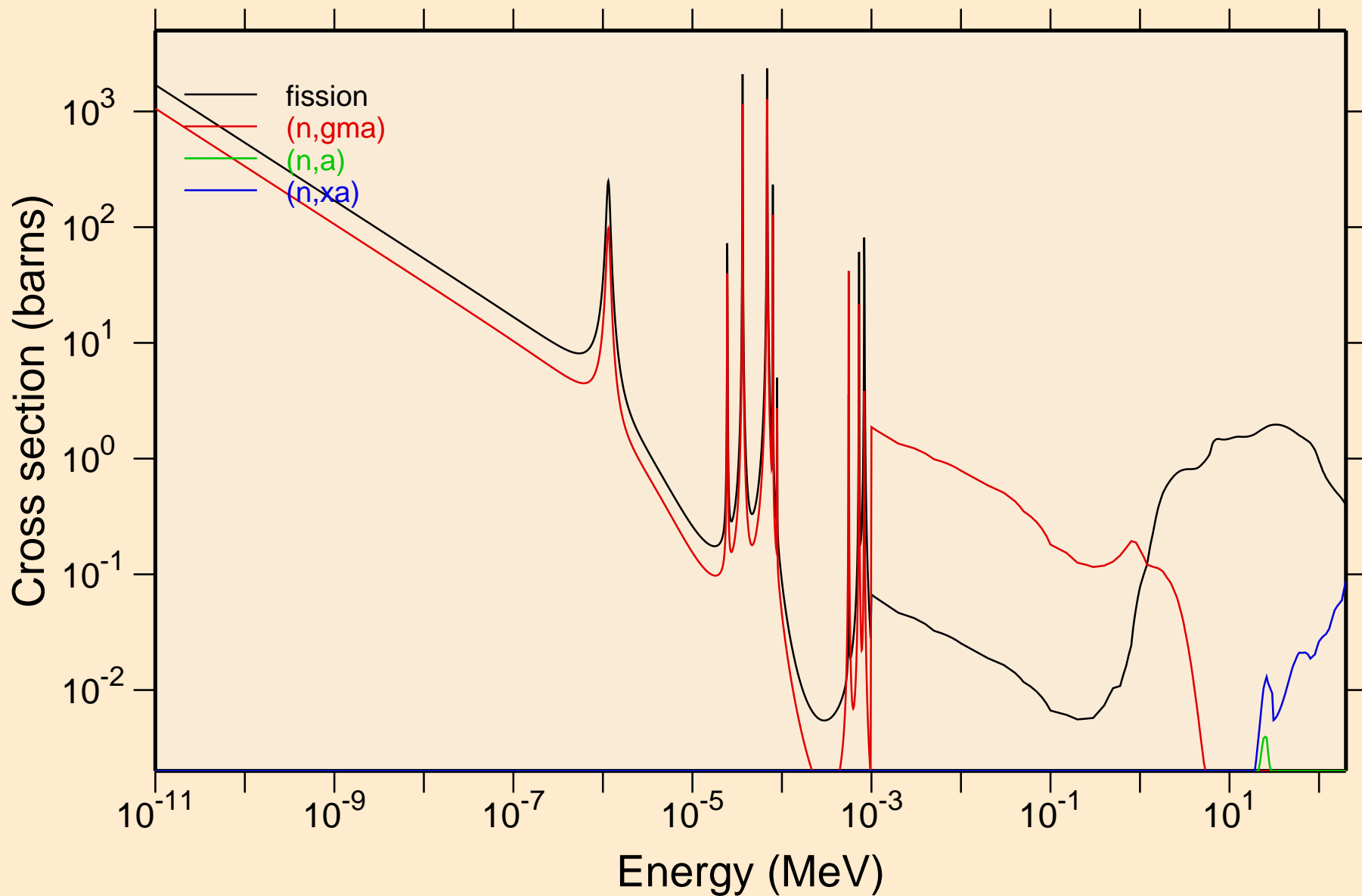
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage

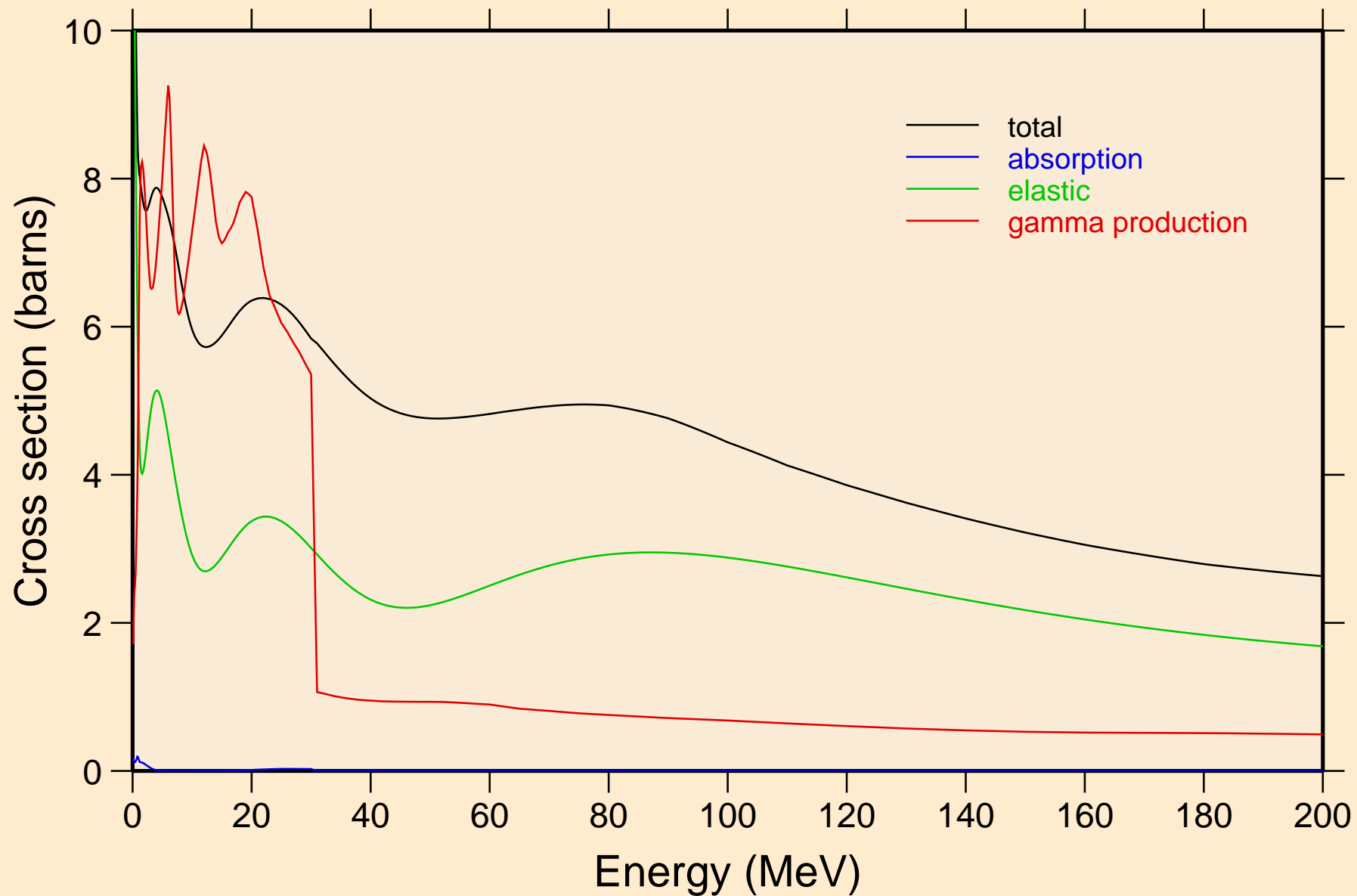


CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

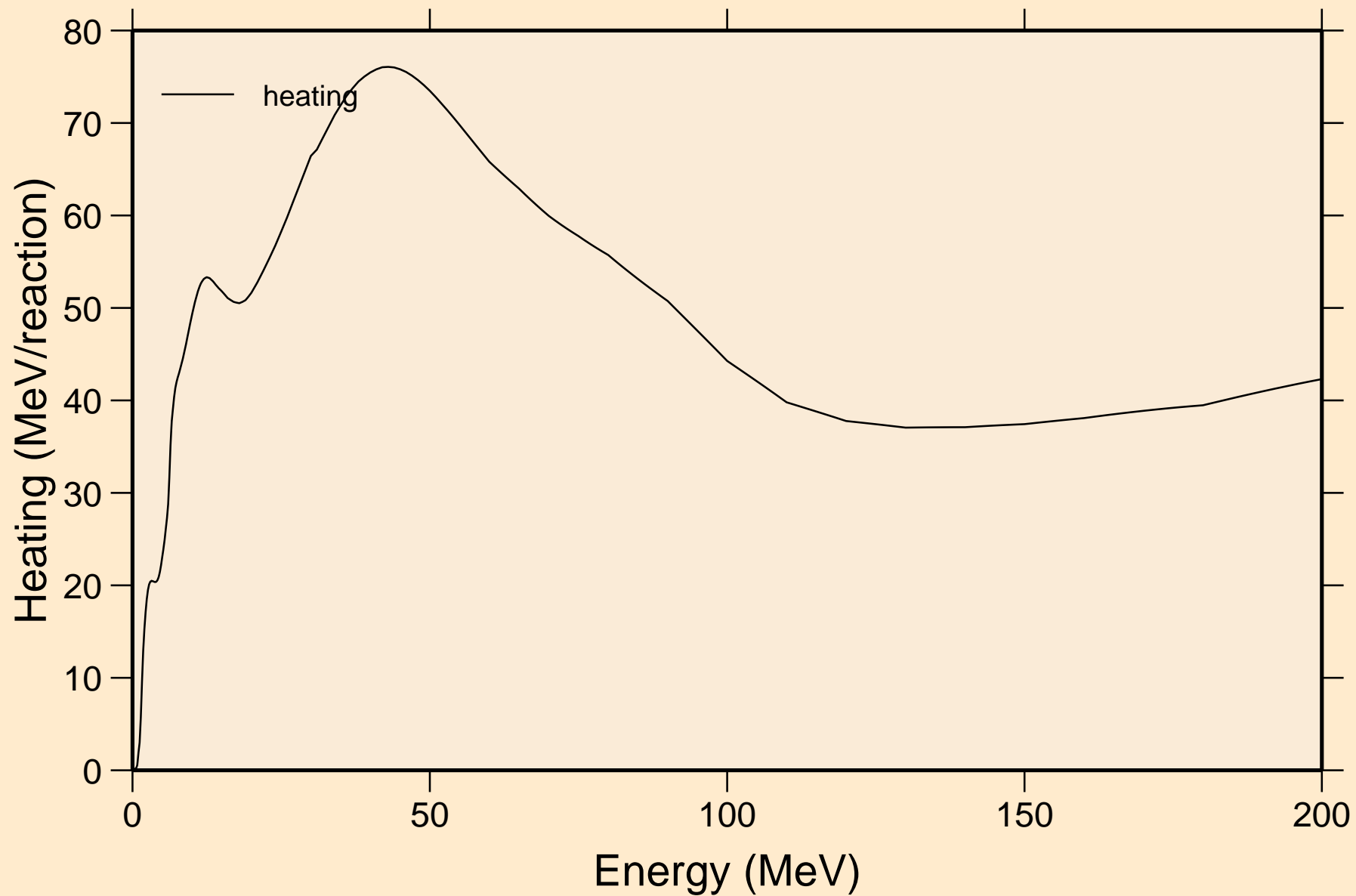


CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

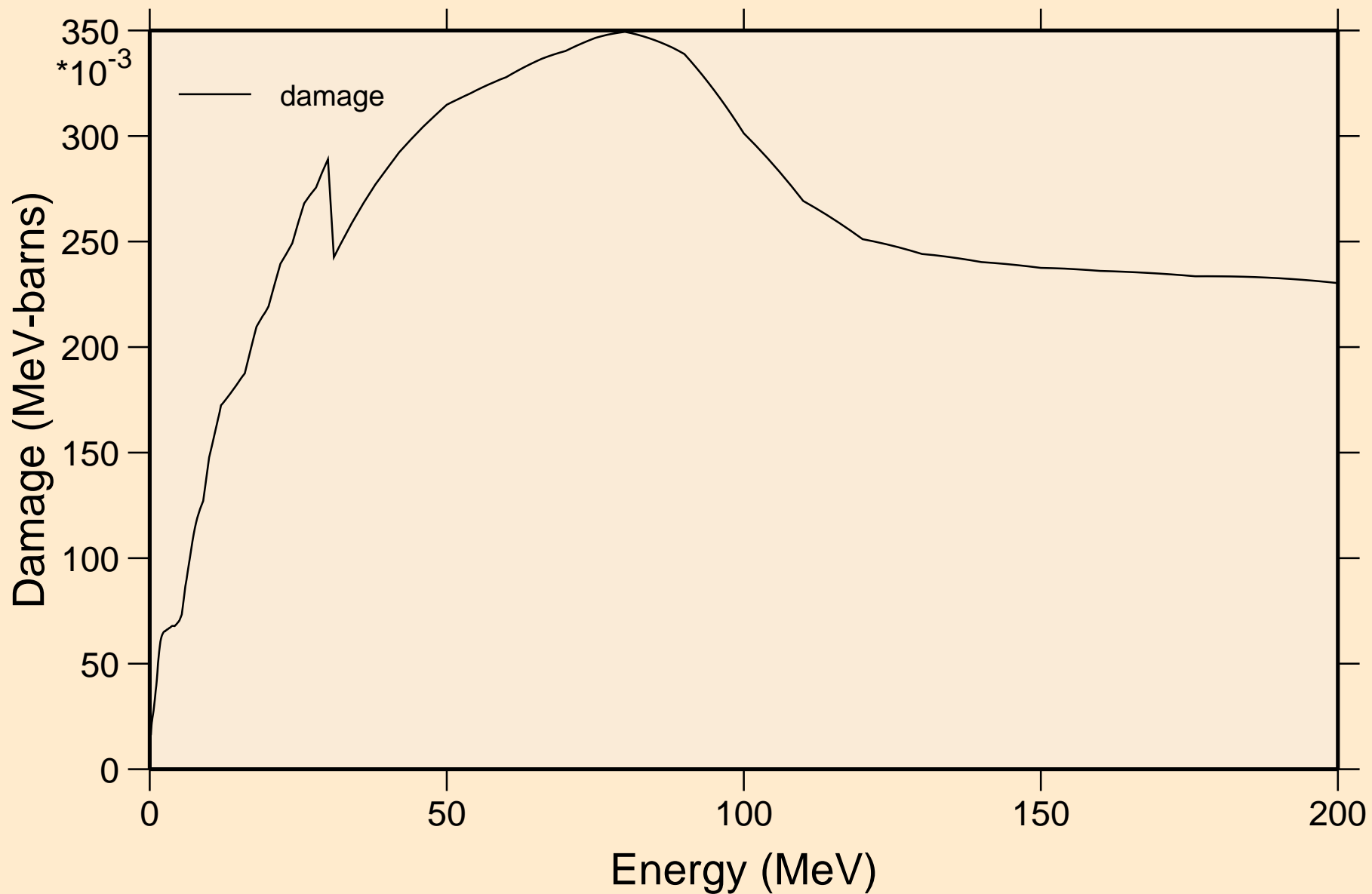
Principal cross sections



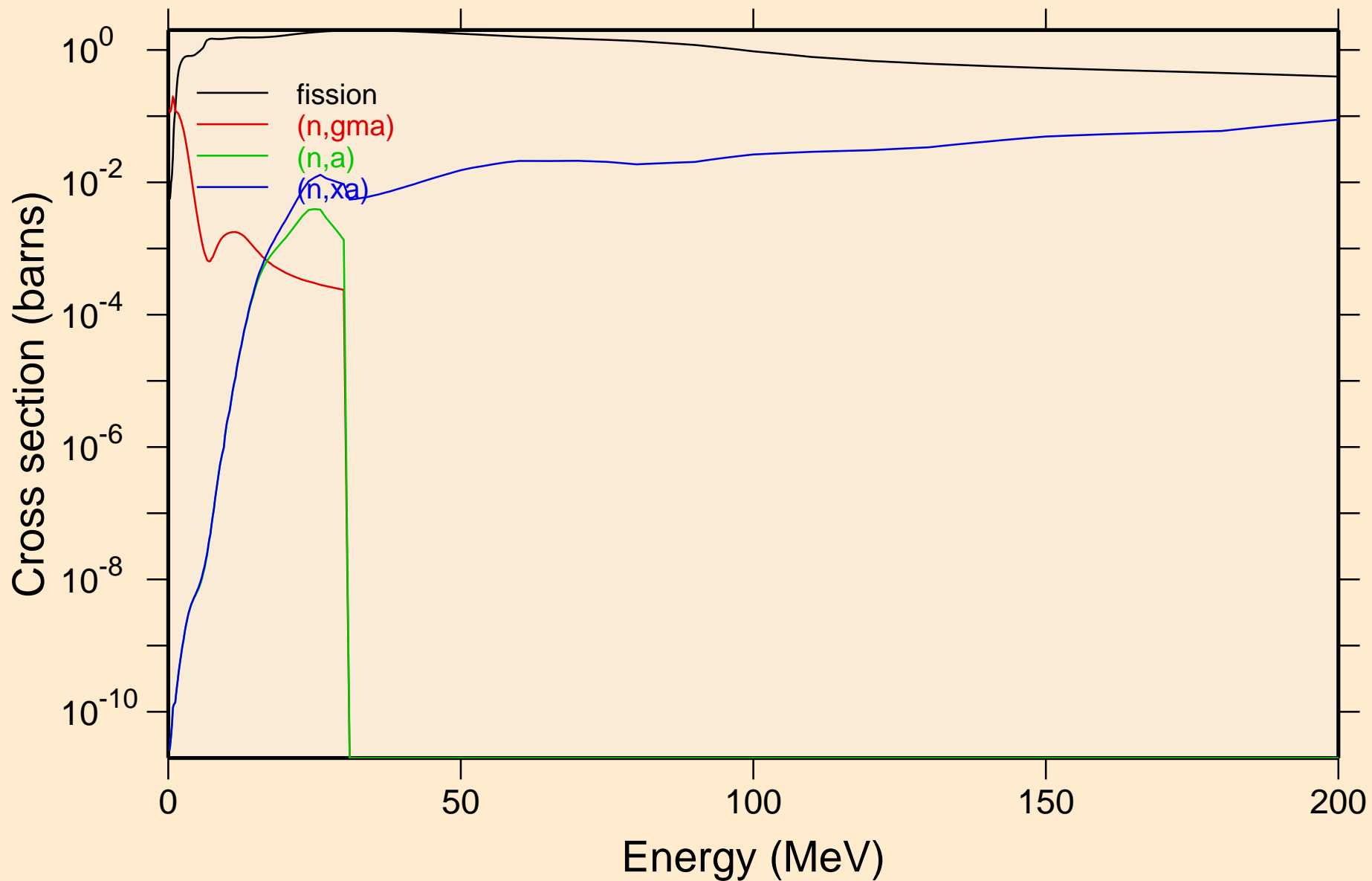
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



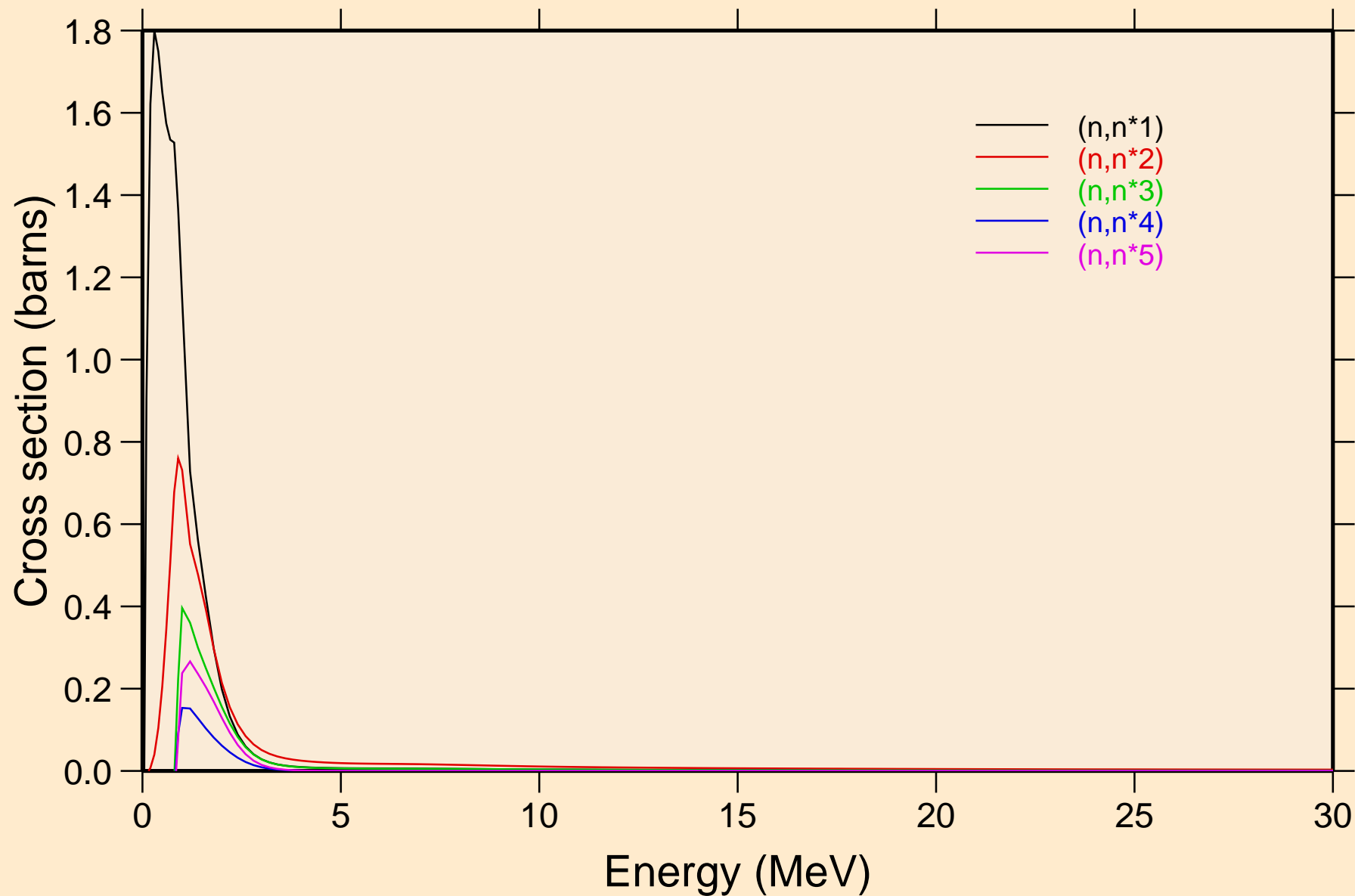
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Damage



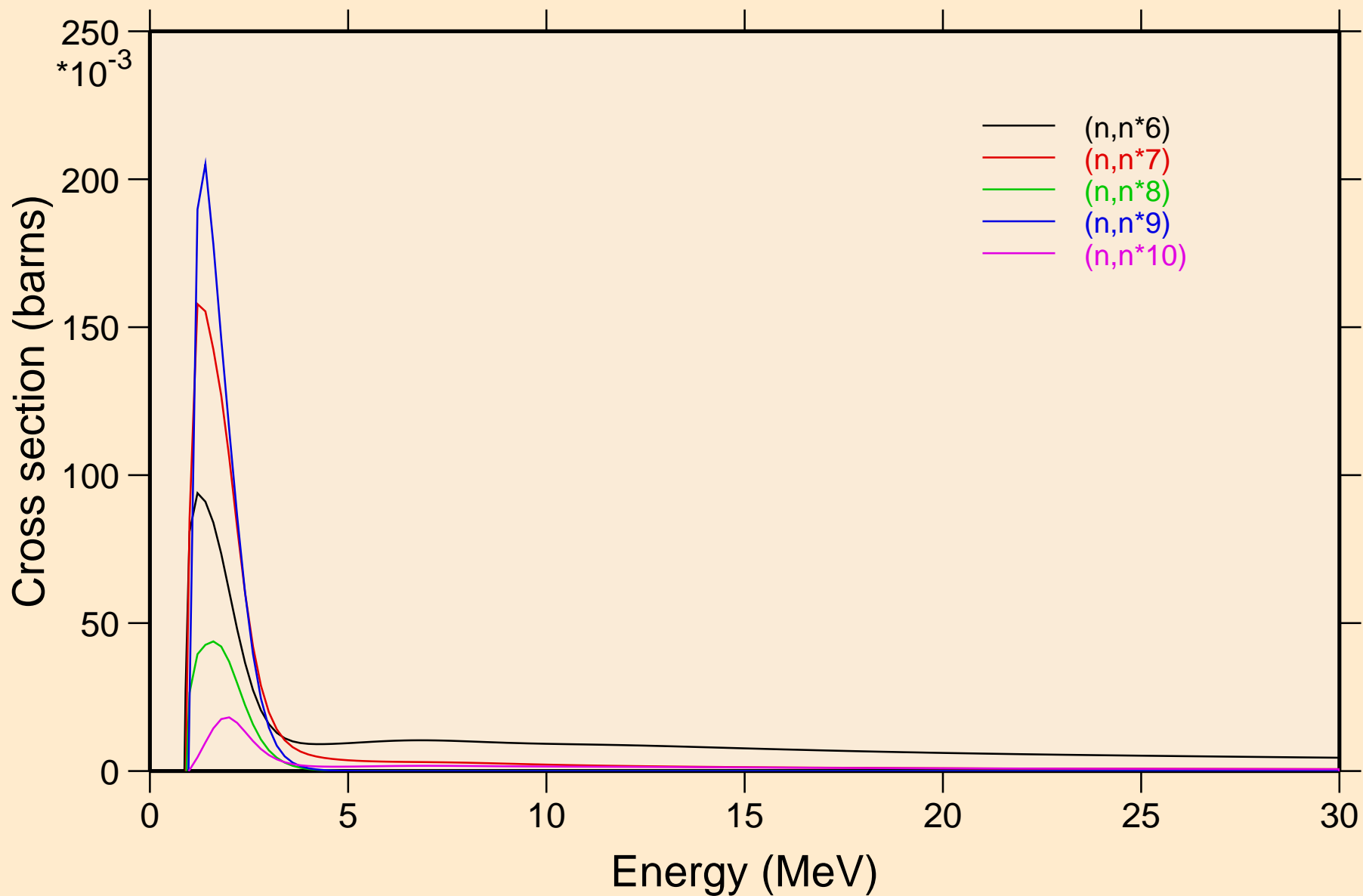
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



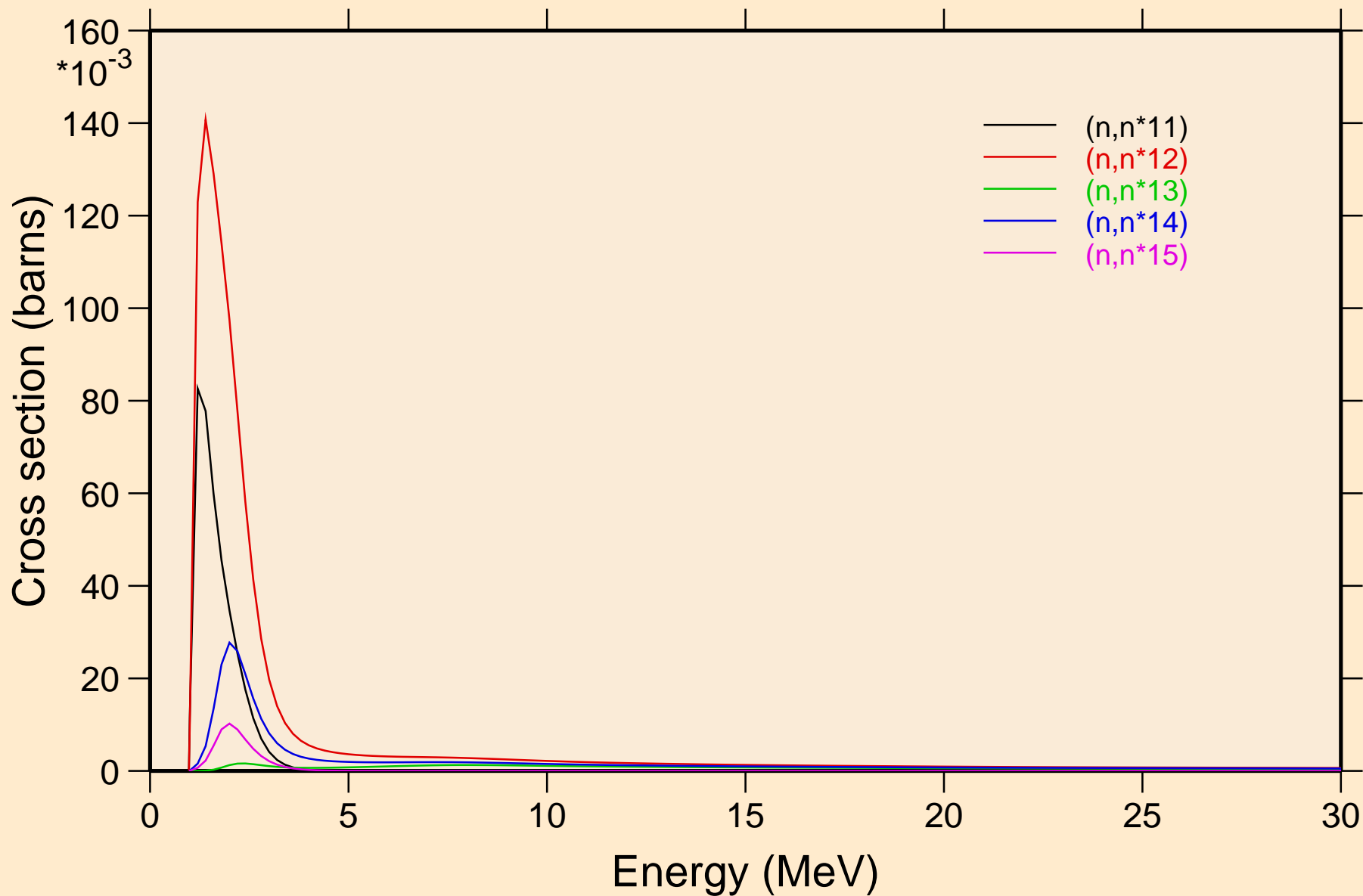
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



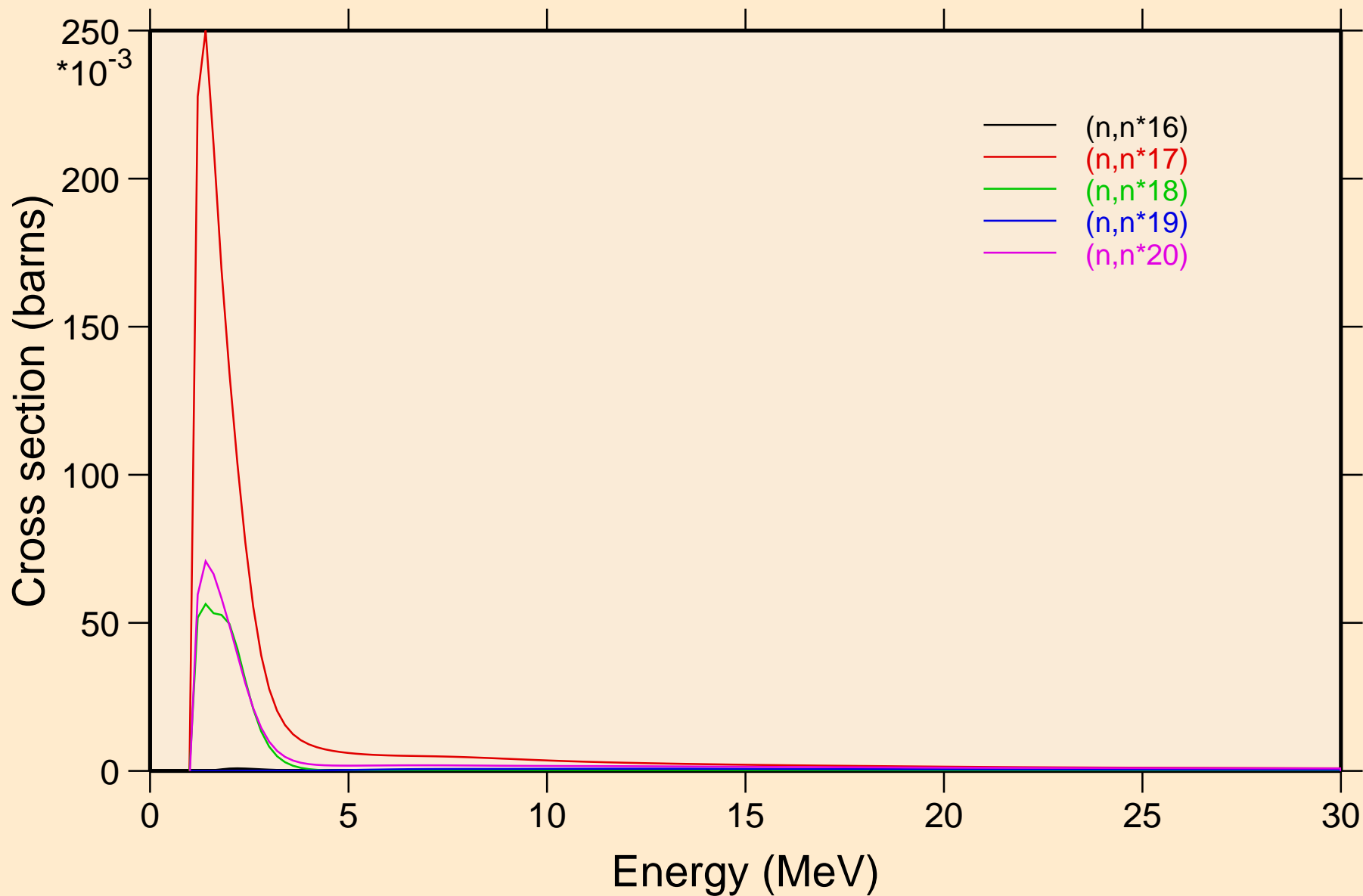
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

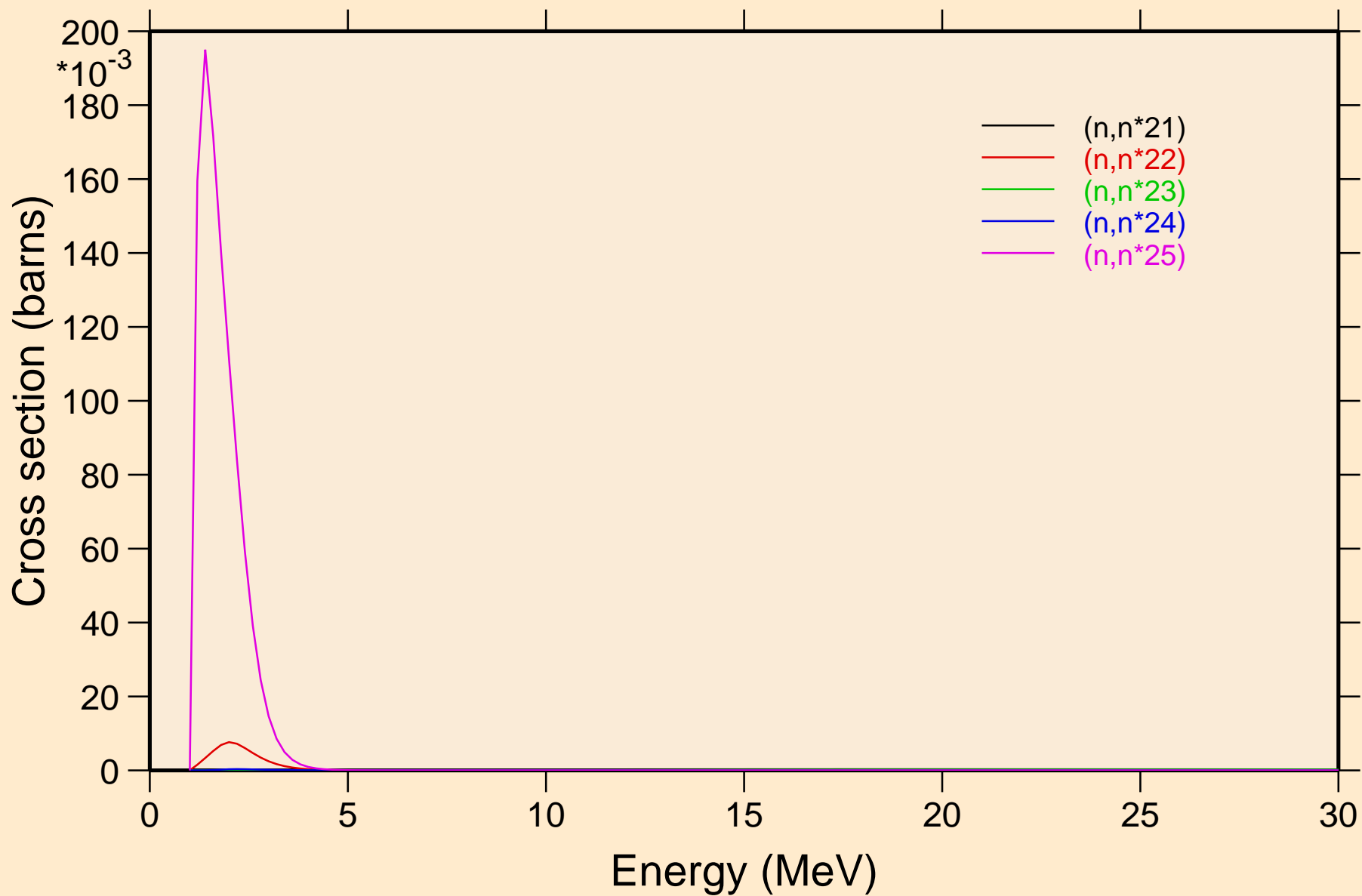


CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

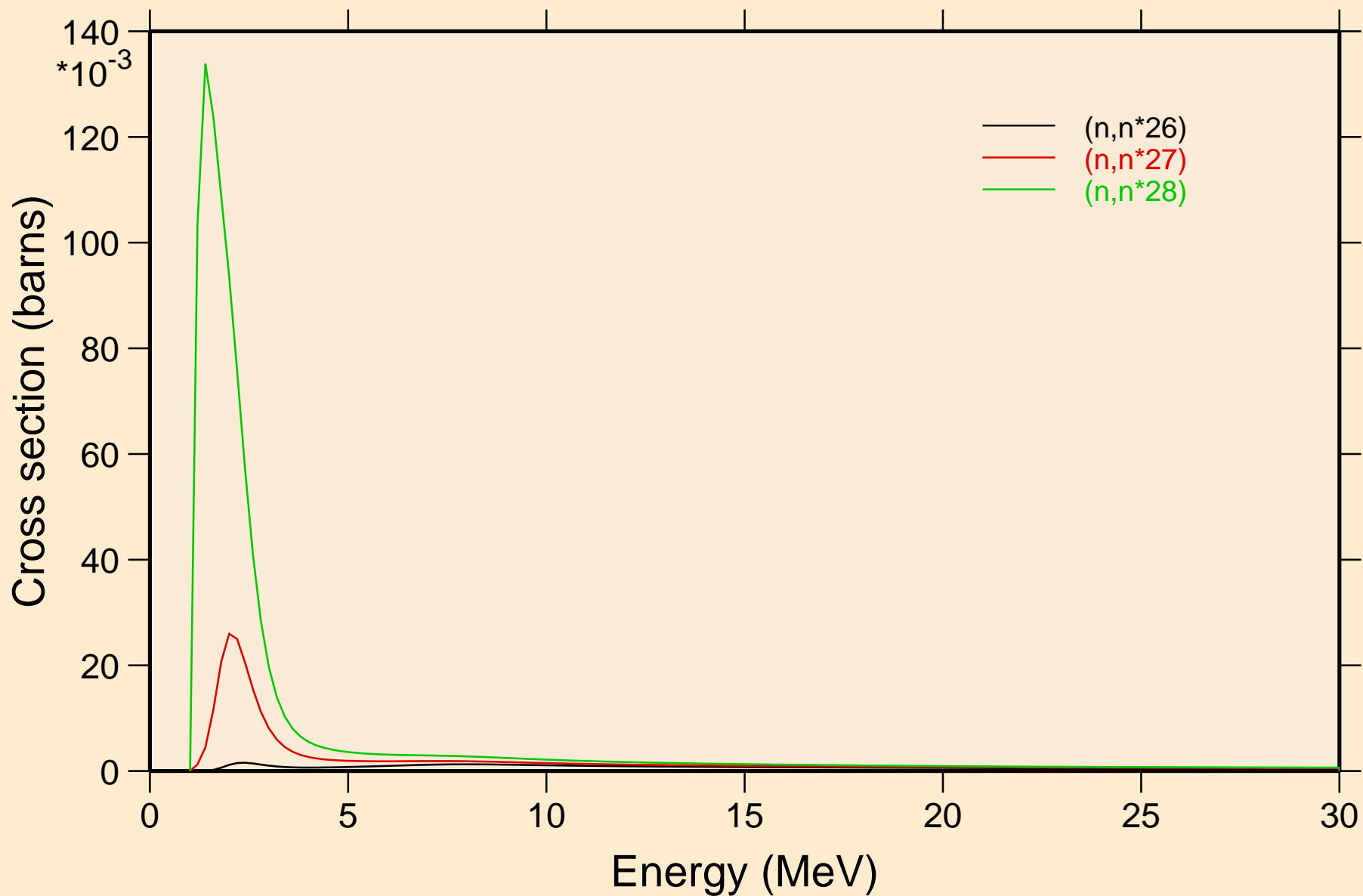


CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Inelastic levels

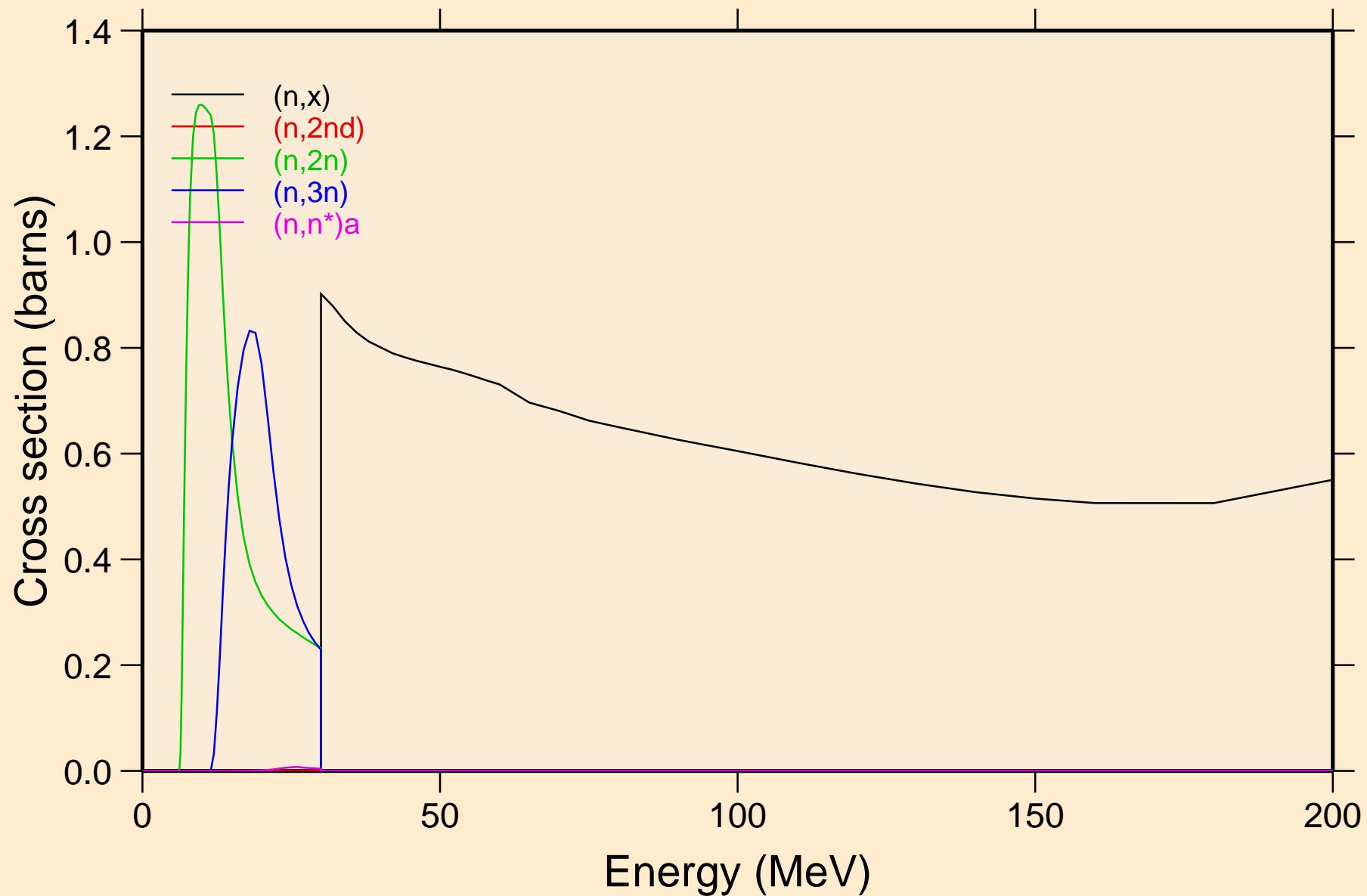


CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

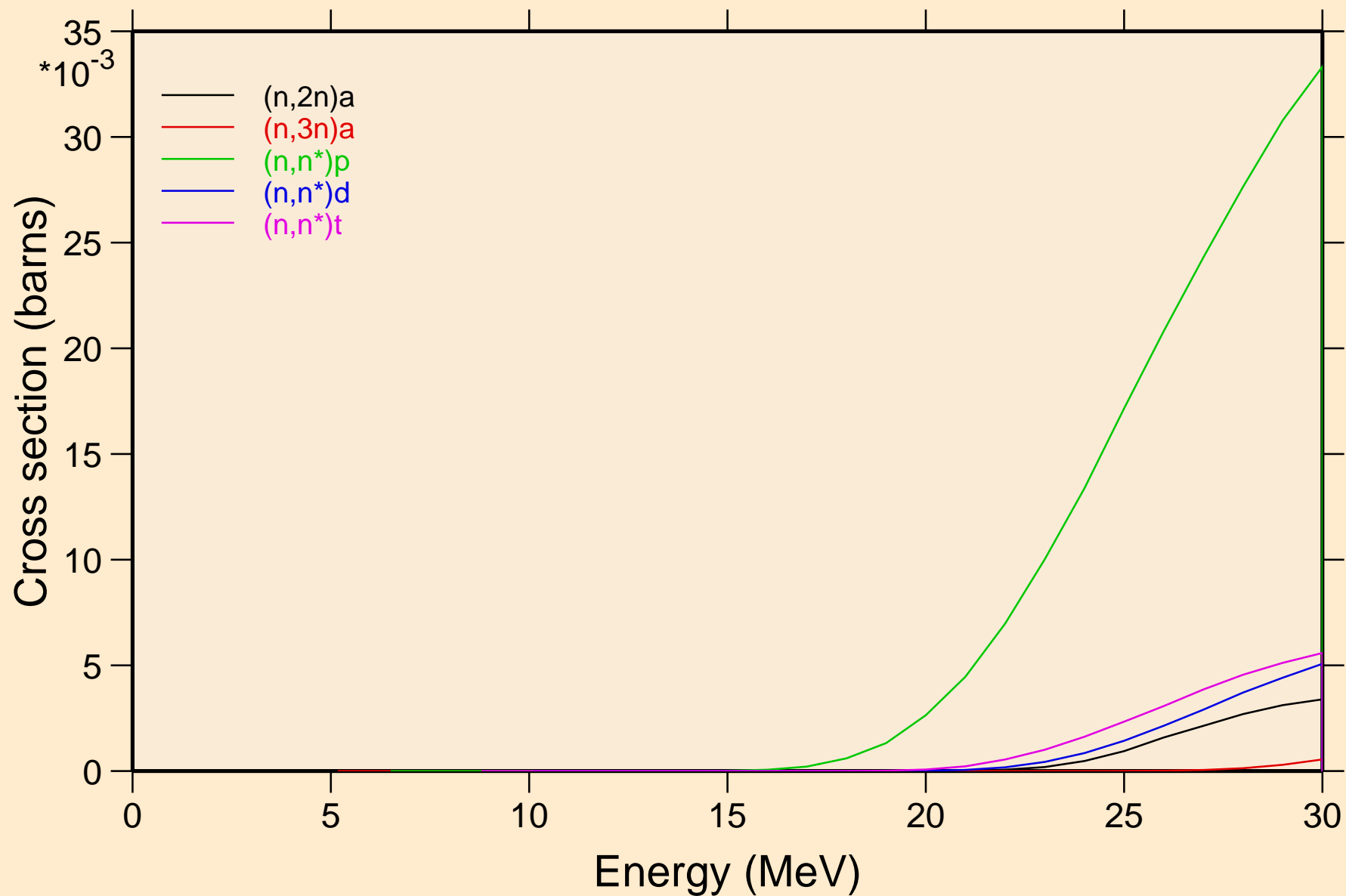


CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

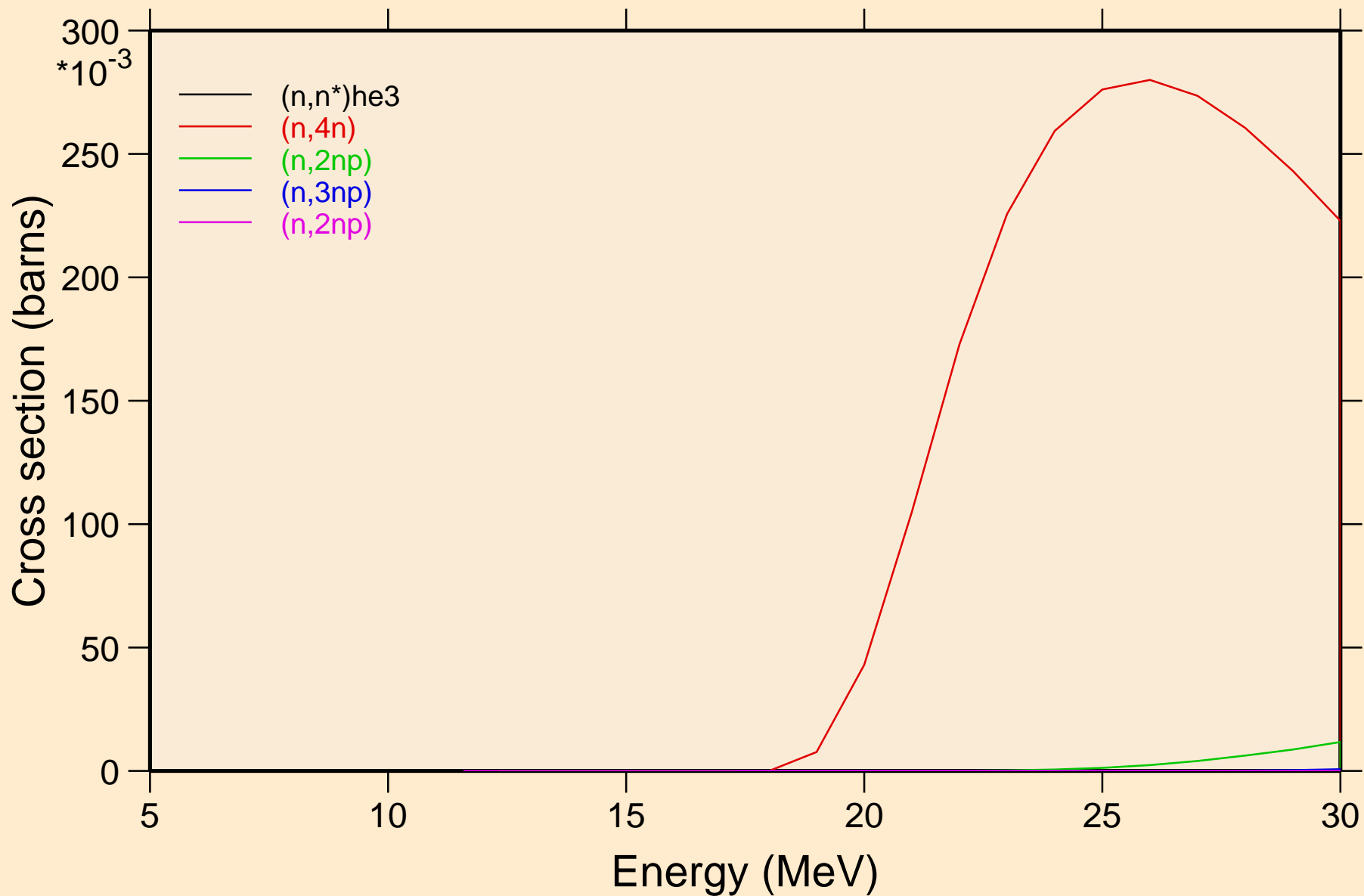
Threshold reactions



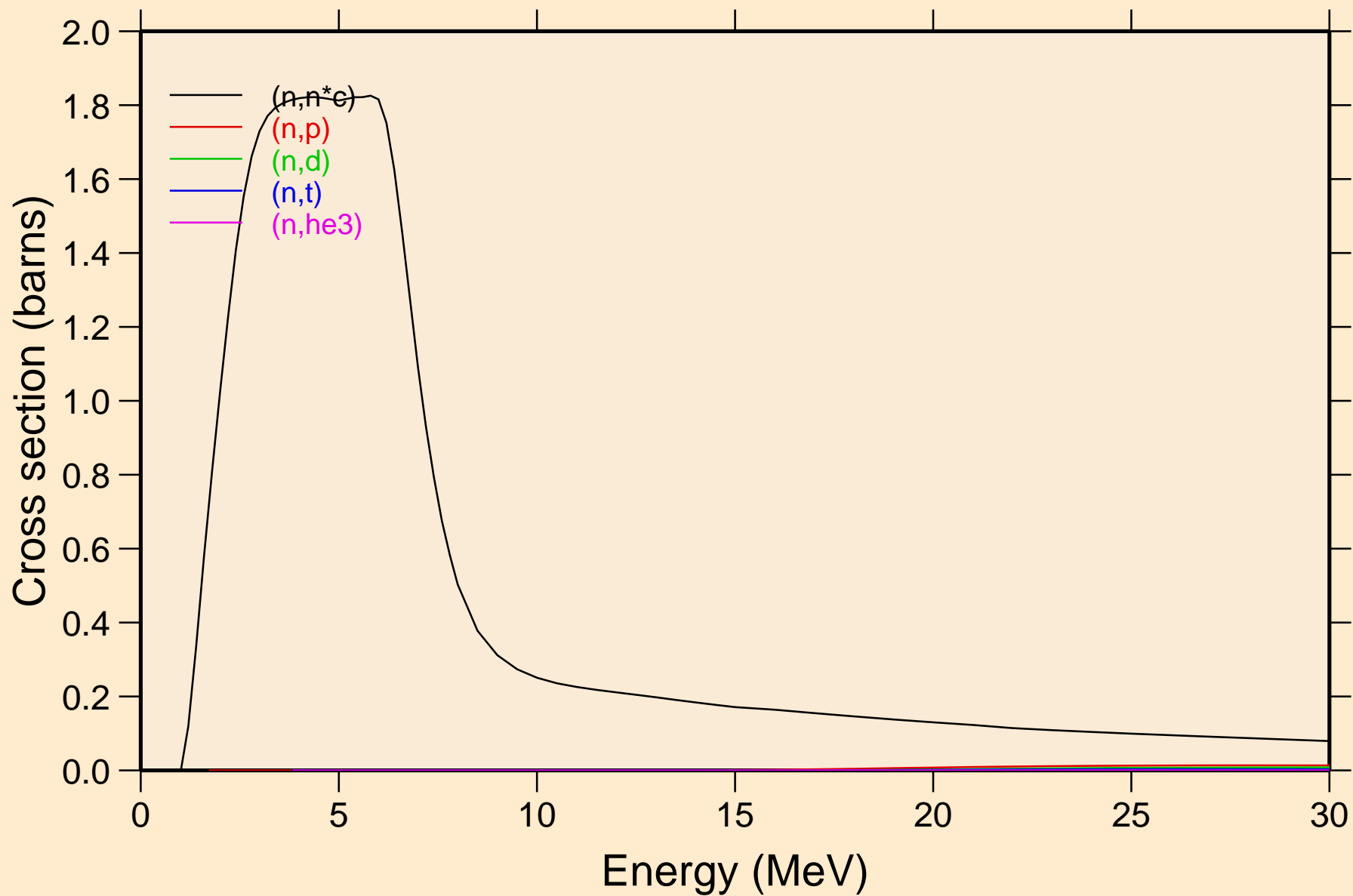
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



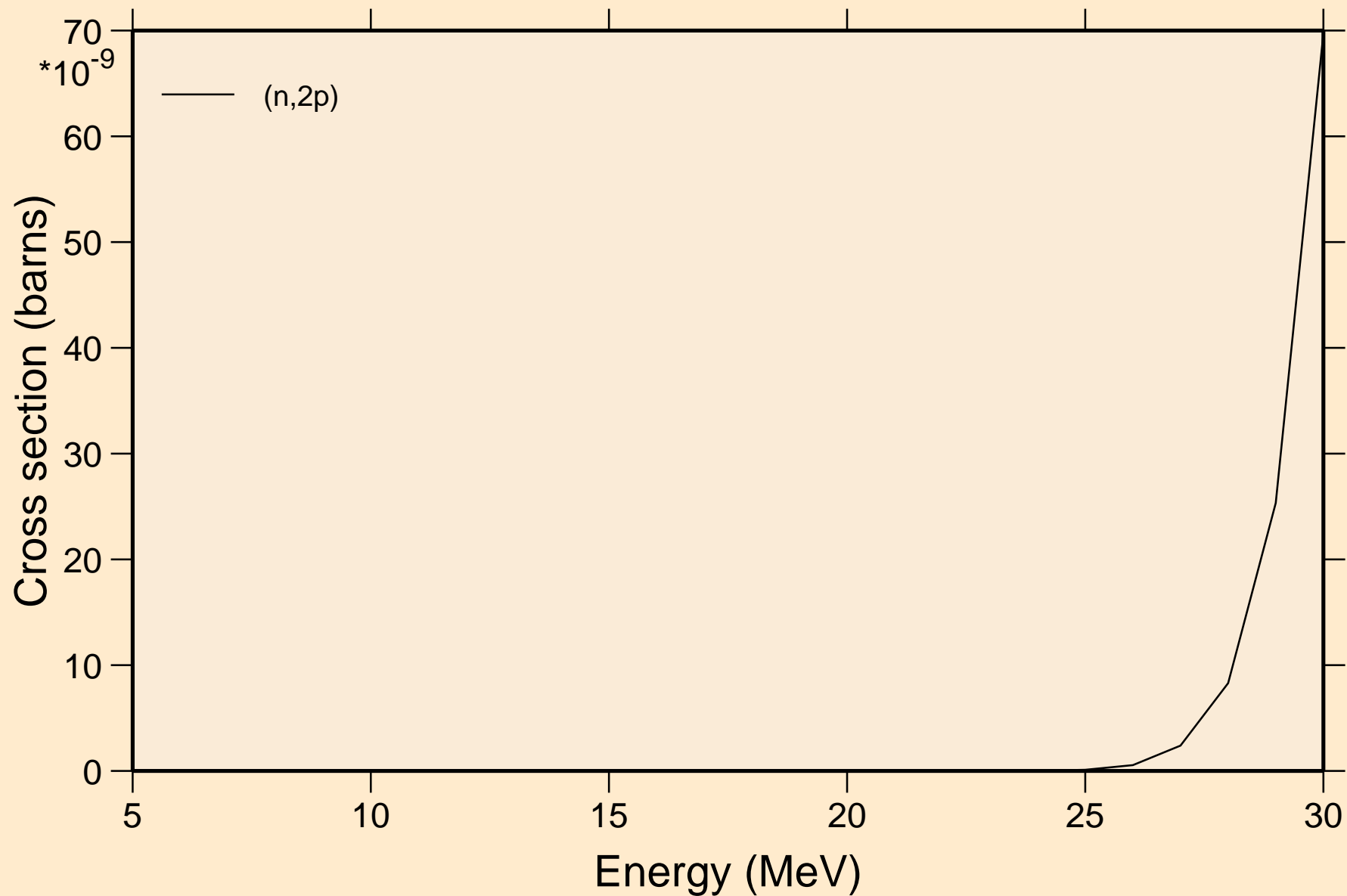
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



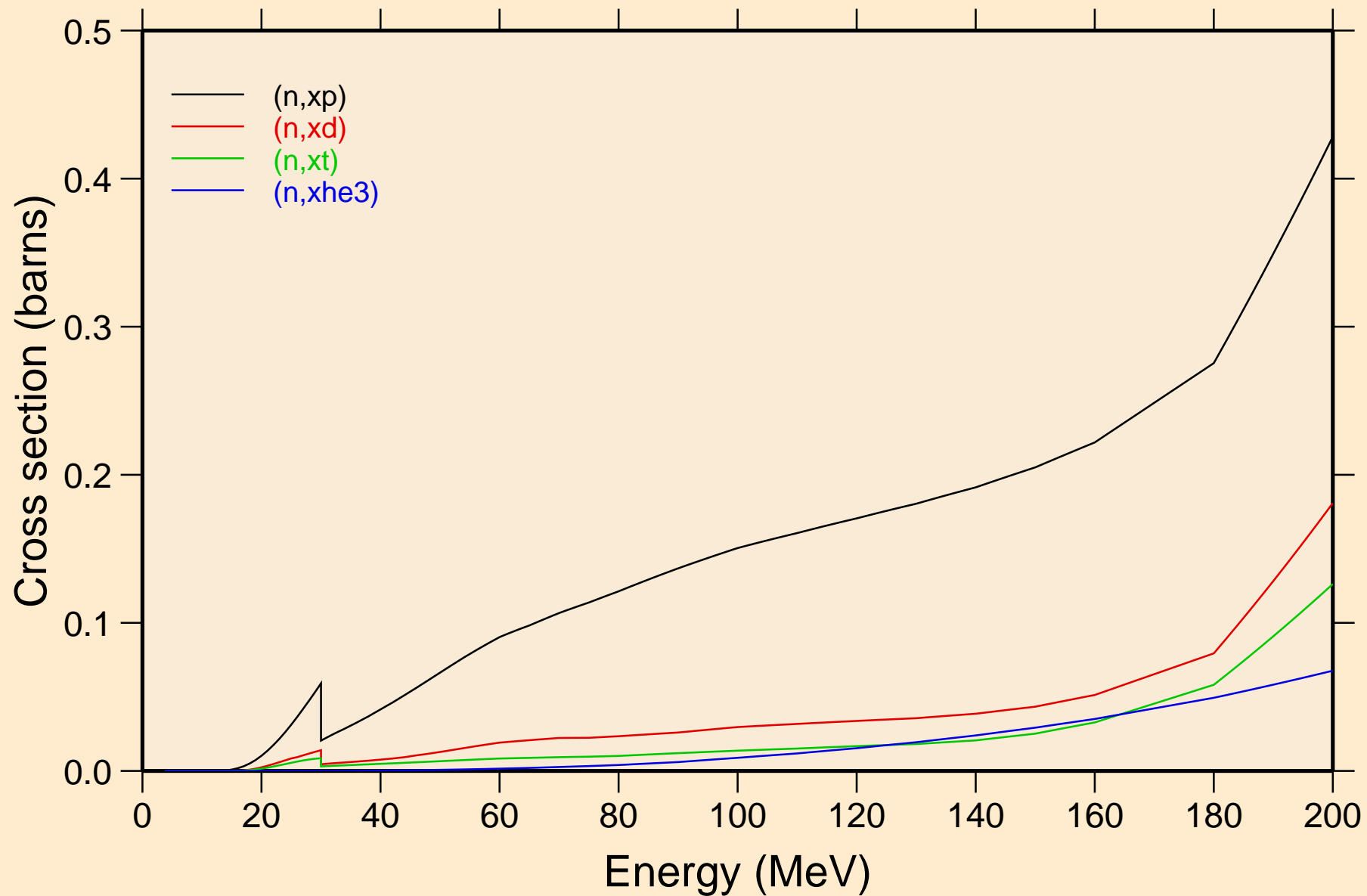
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



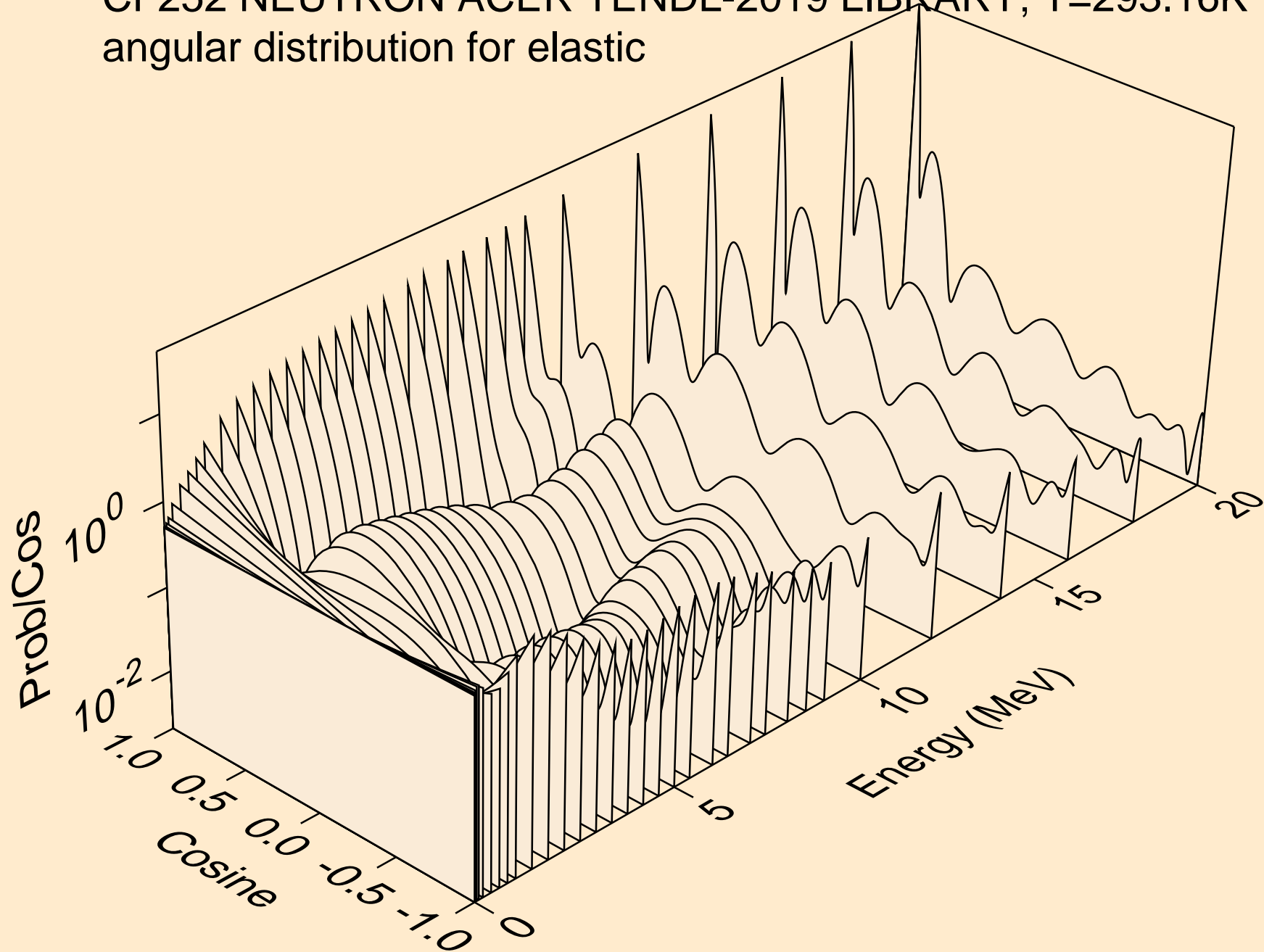
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Threshold reactions



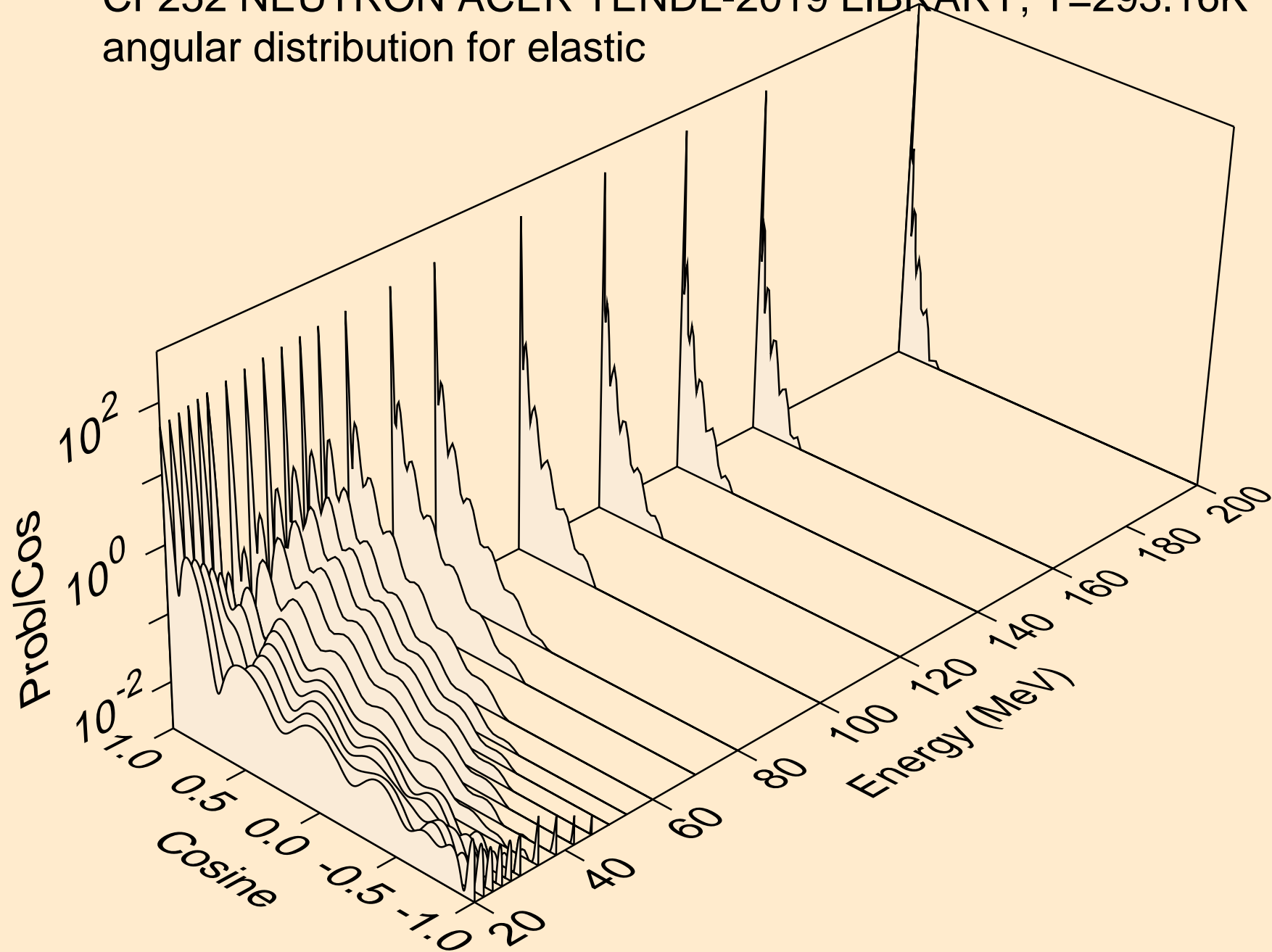
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



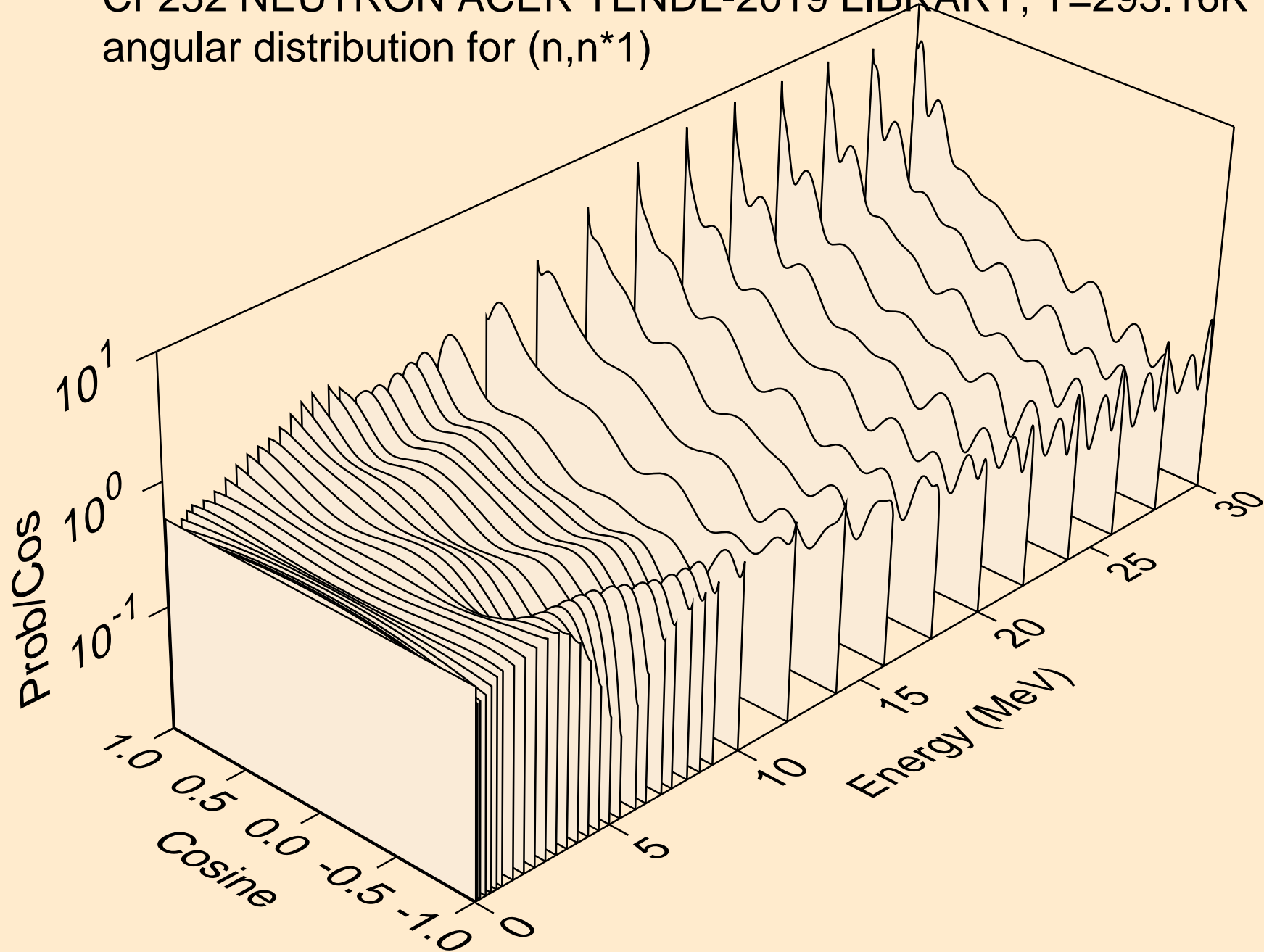
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



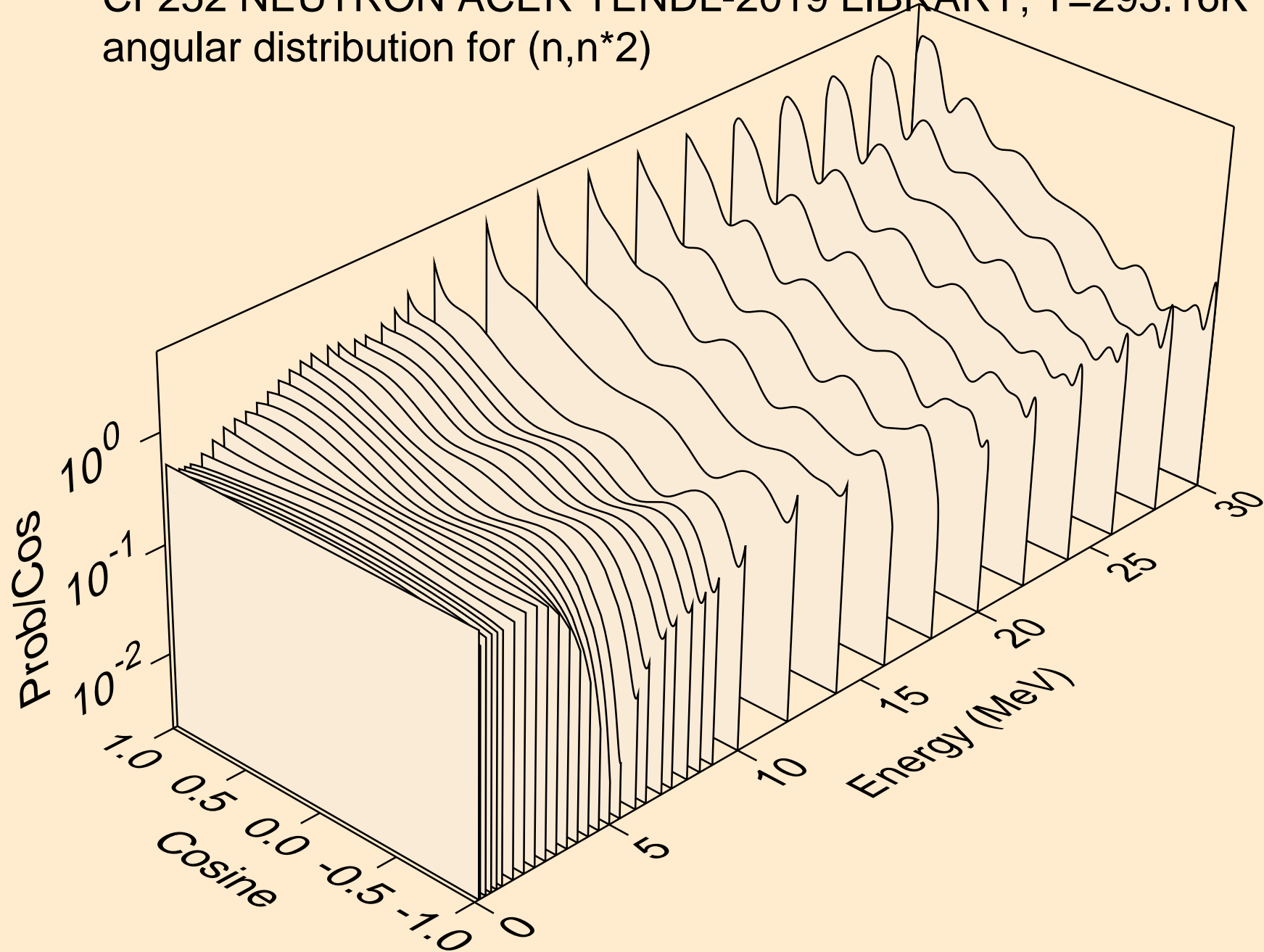
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angular distribution for elastic



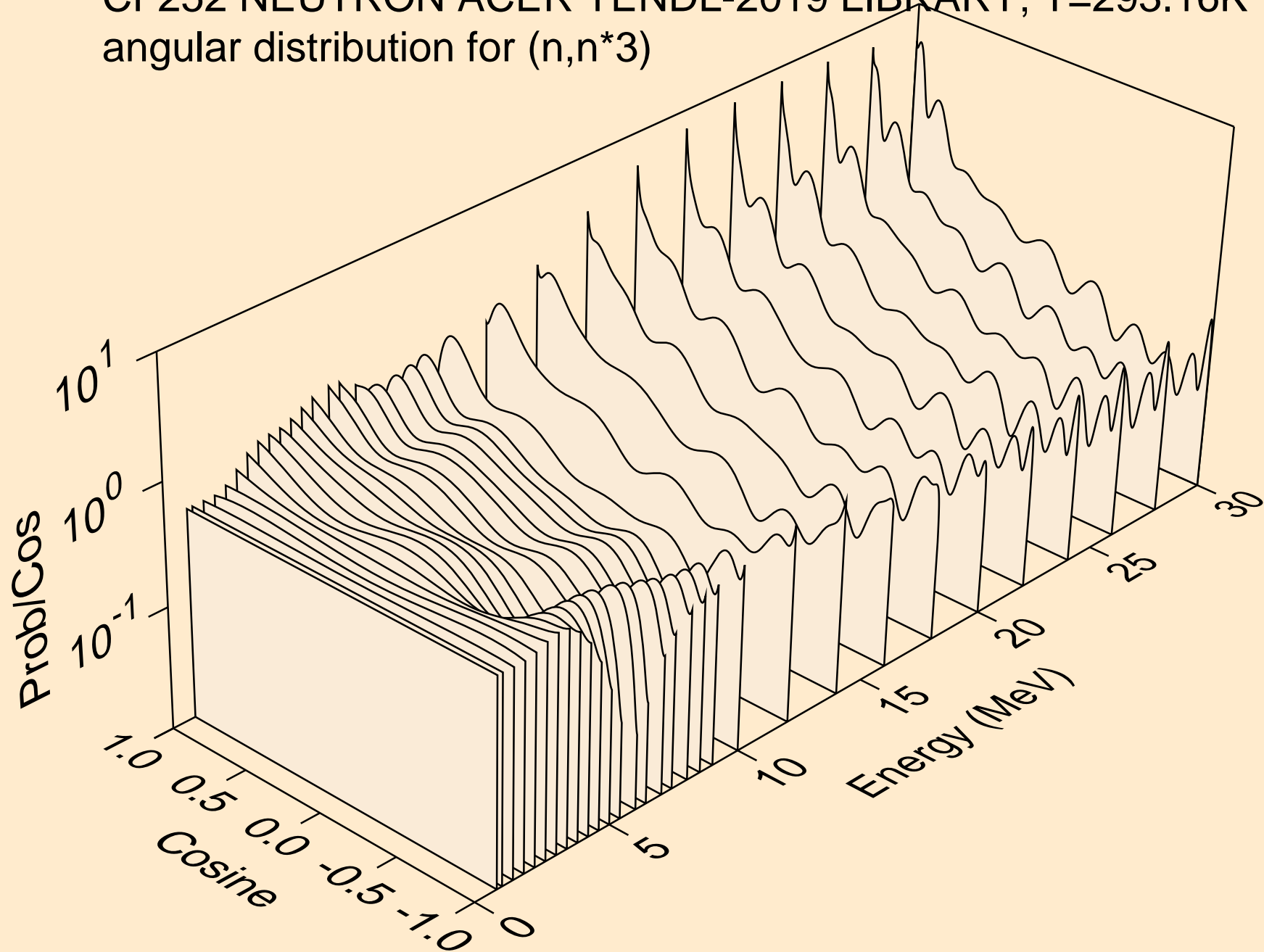
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angular distribution for (n,n*1)



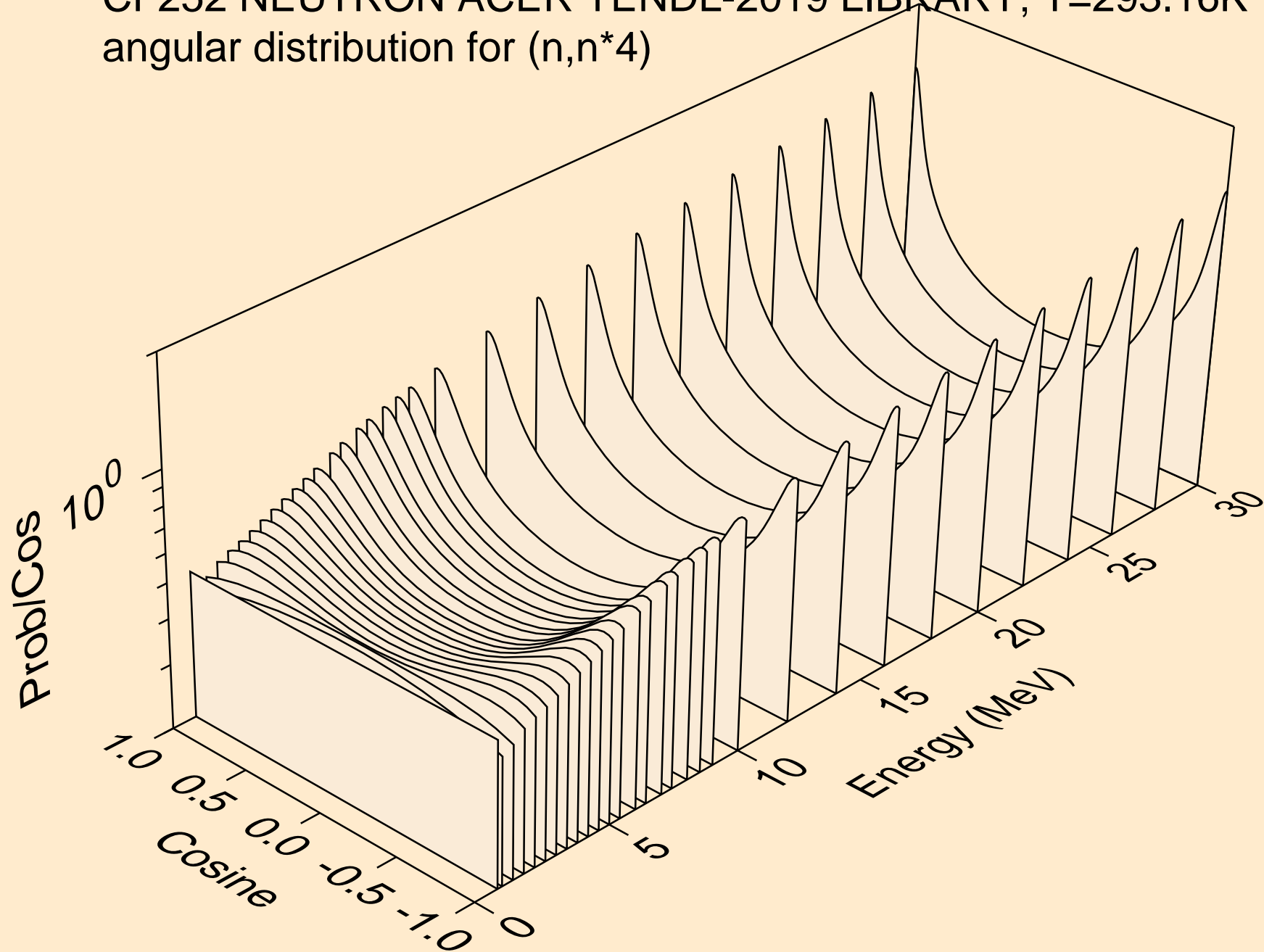
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angular distribution for (n,n*2)



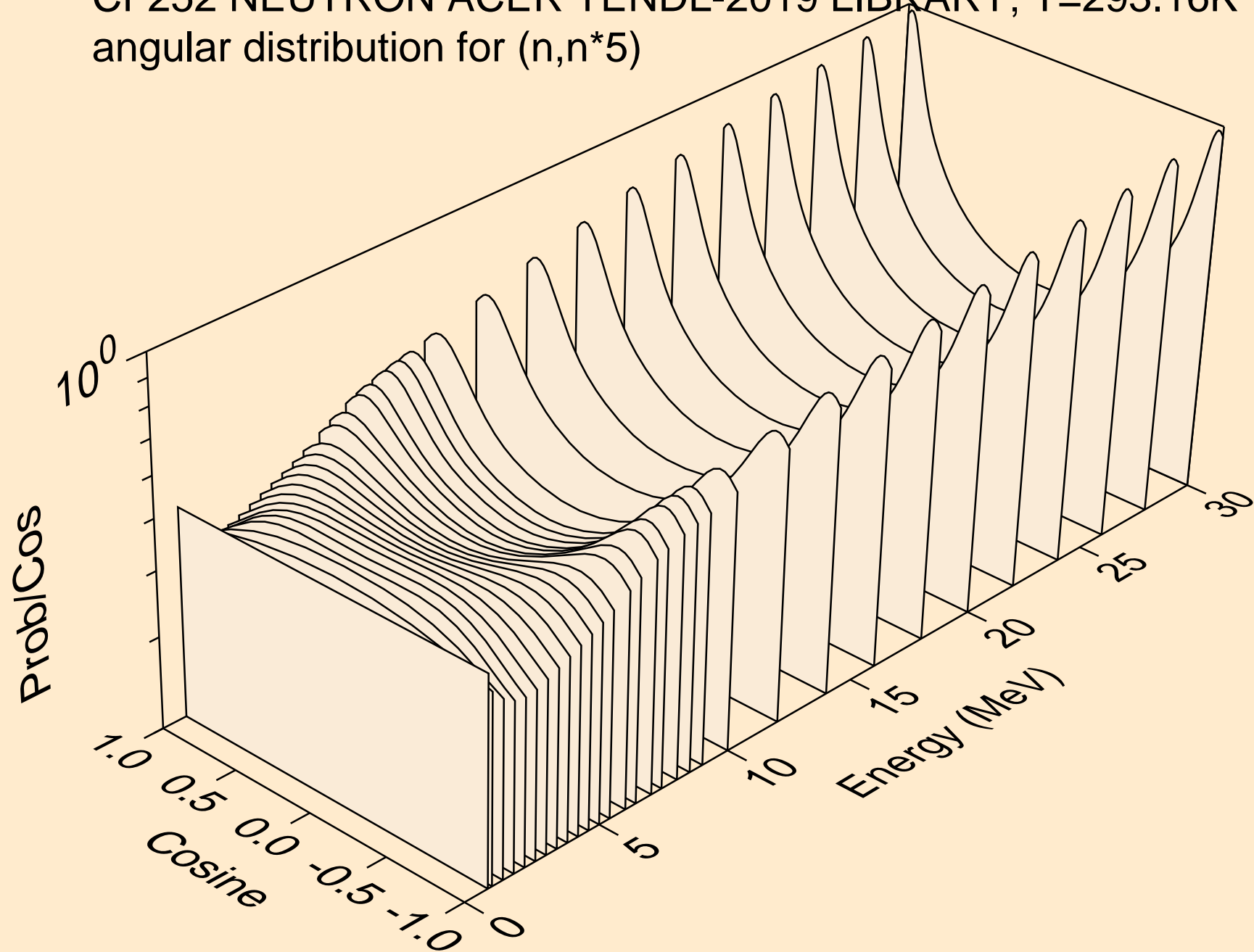
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angular distribution for (n,n*3)



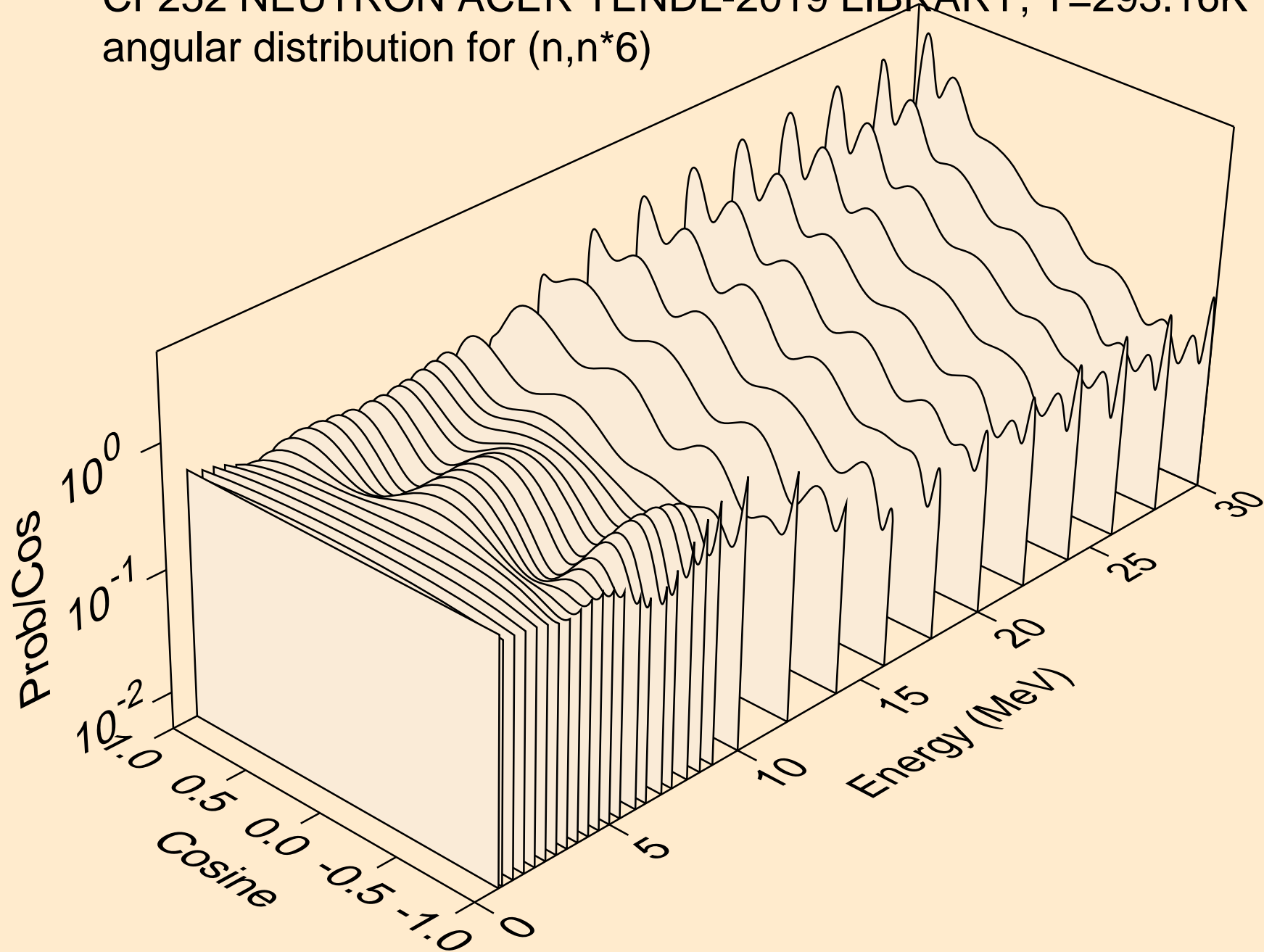
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angular distribution for (n,n*4)



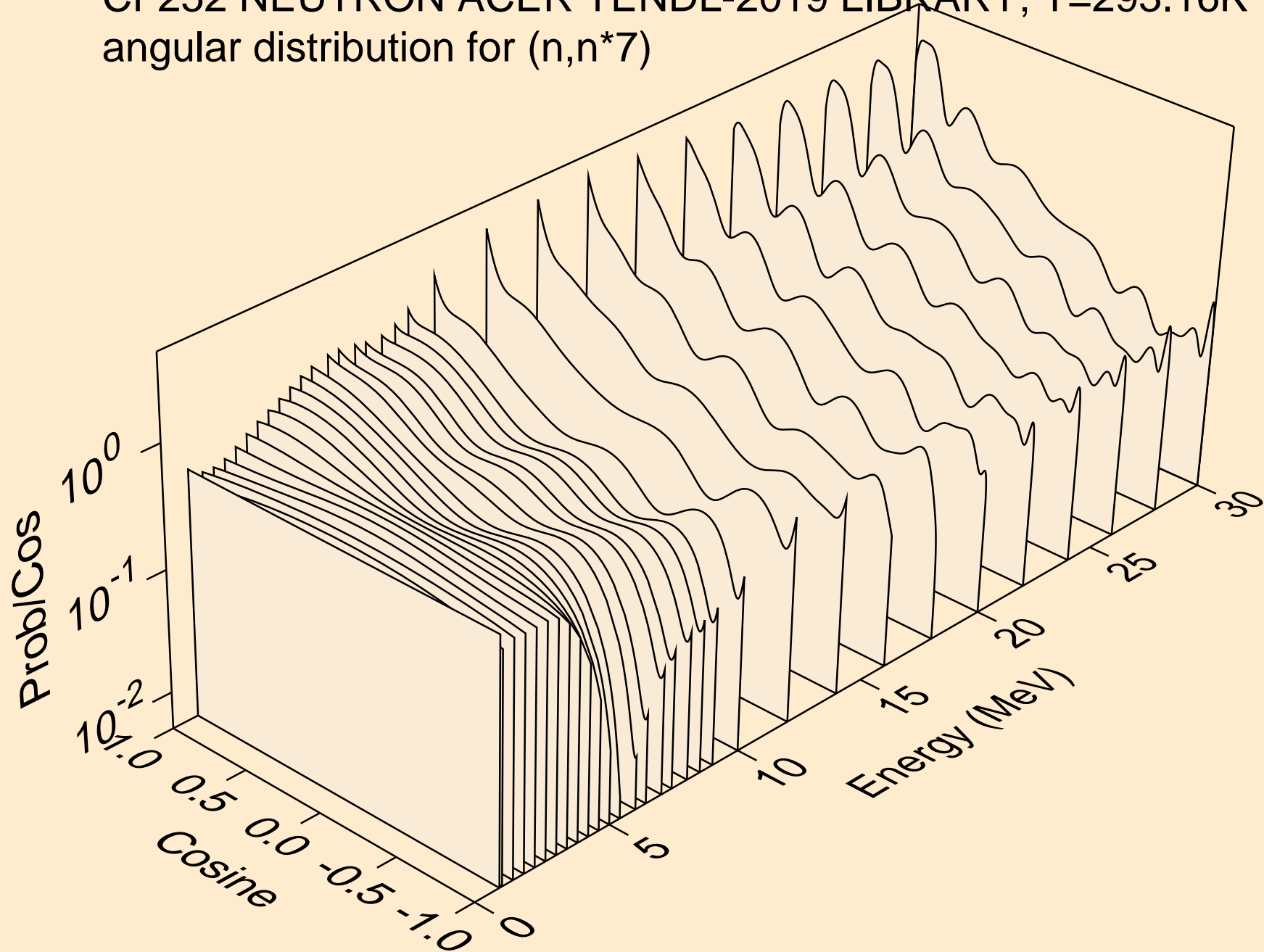
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angular distribution for (n,n*5)



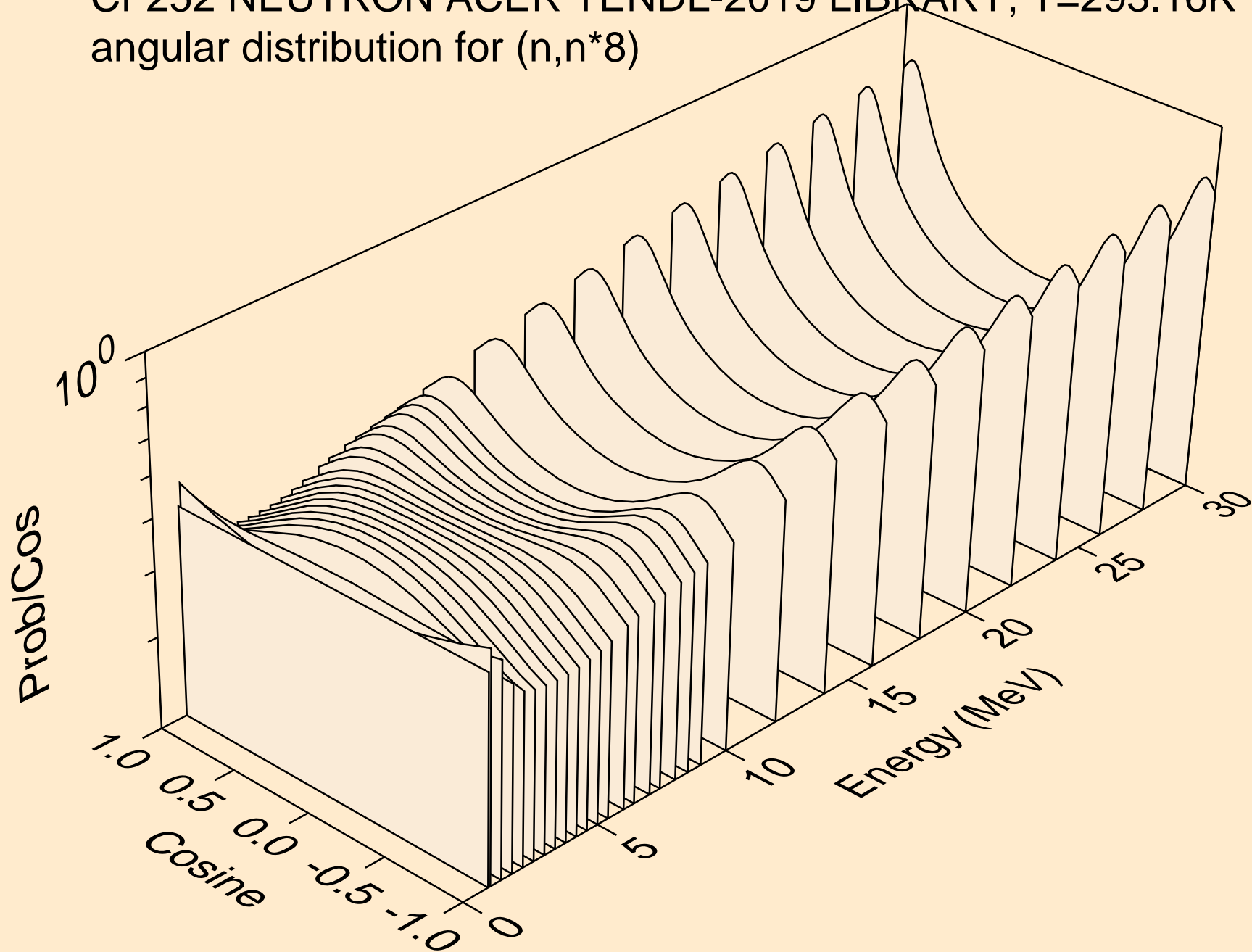
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angular distribution for (n,n*6)



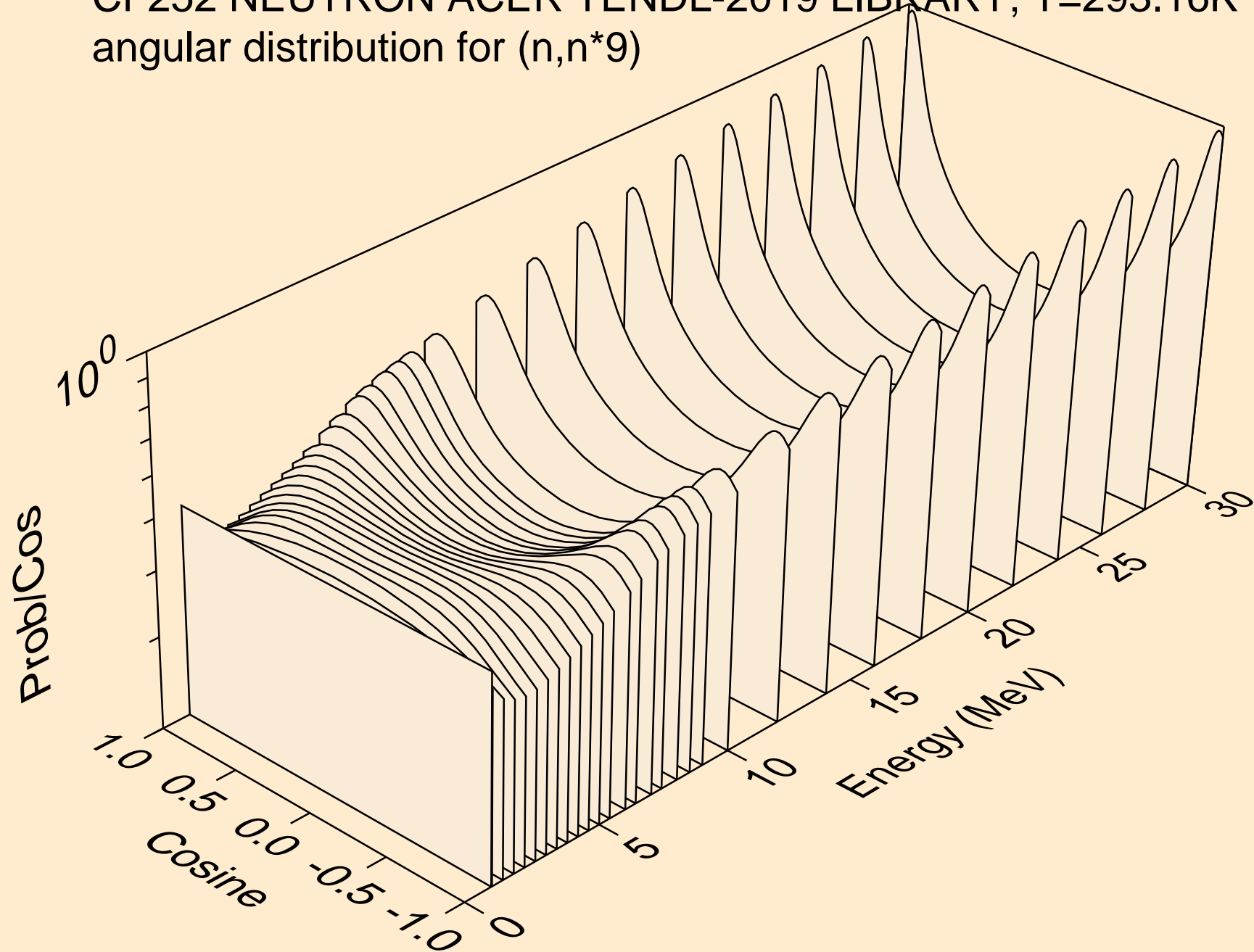
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angular distribution for (n,n*7)



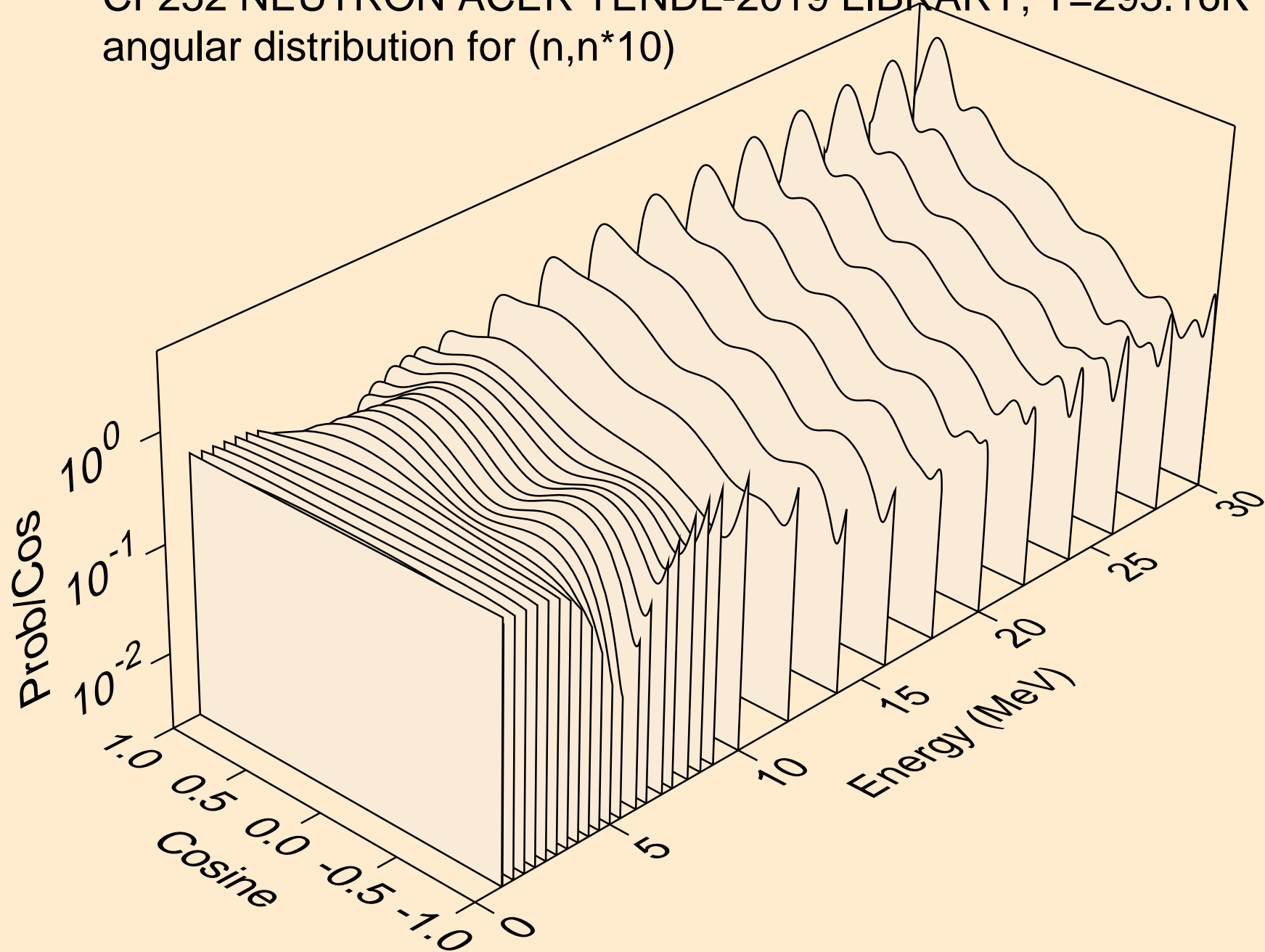
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angular distribution for (n,n*8)



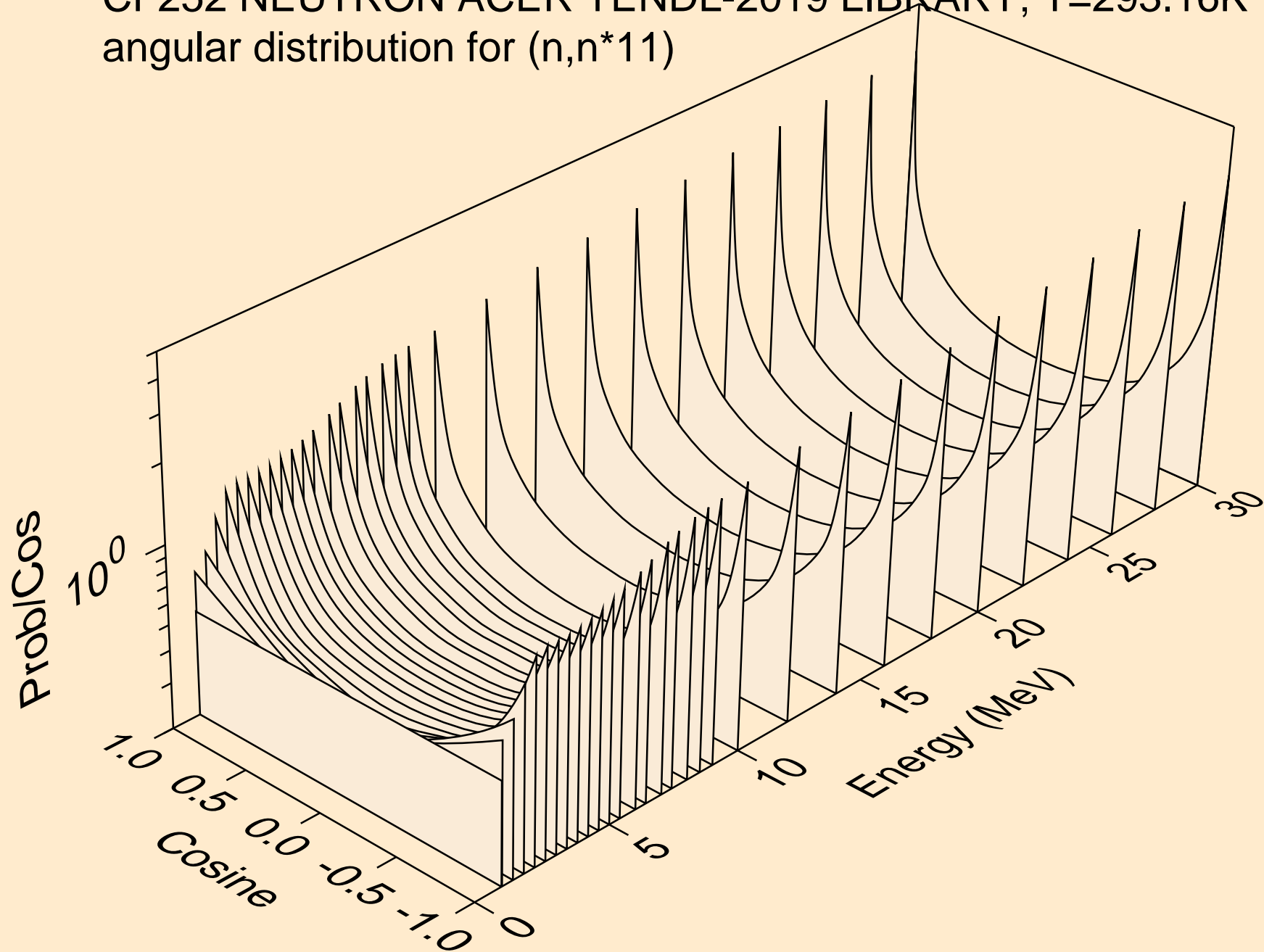
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angular distribution for (n,n*9)



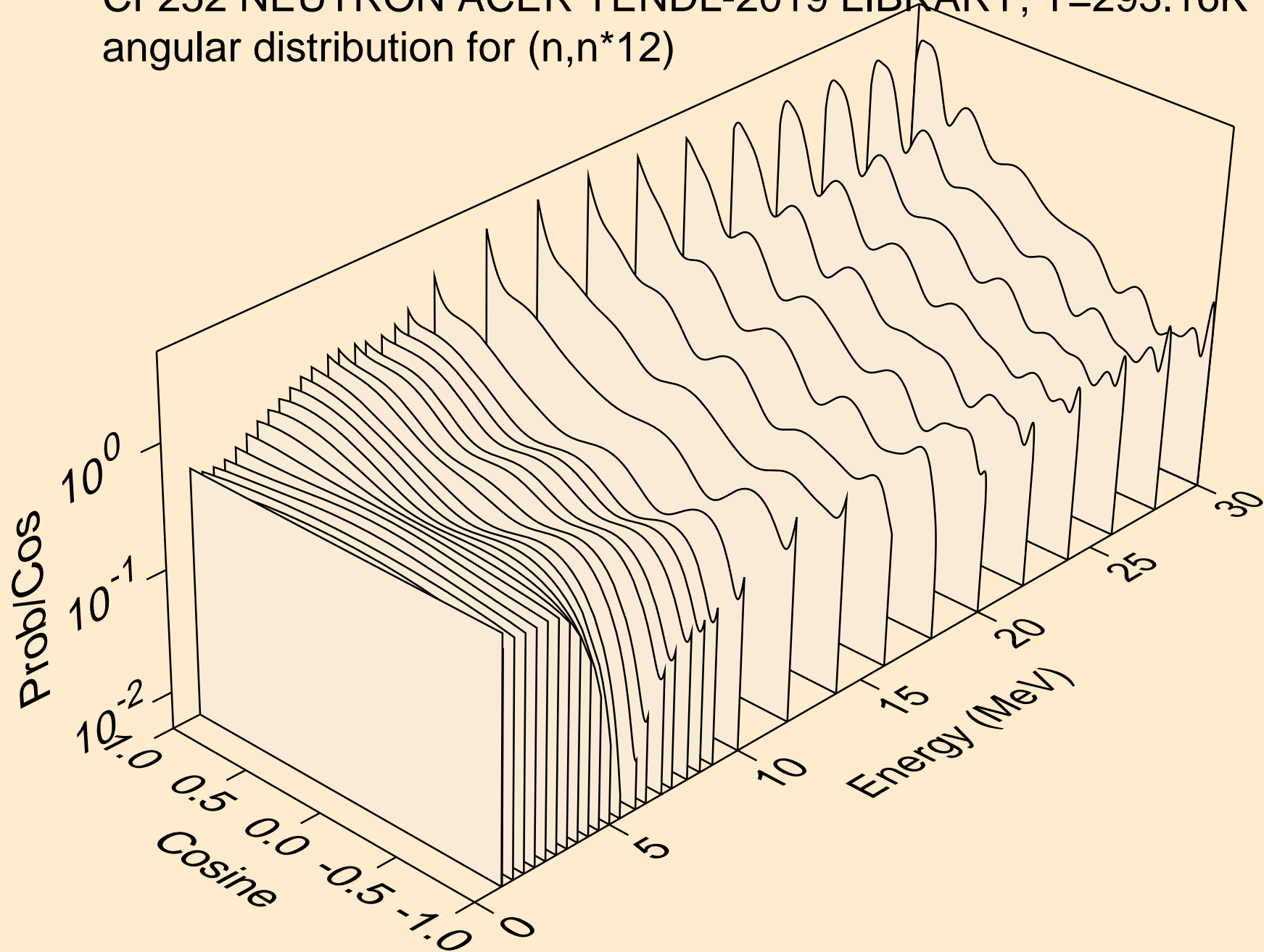
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angular distribution for (n,n*10)



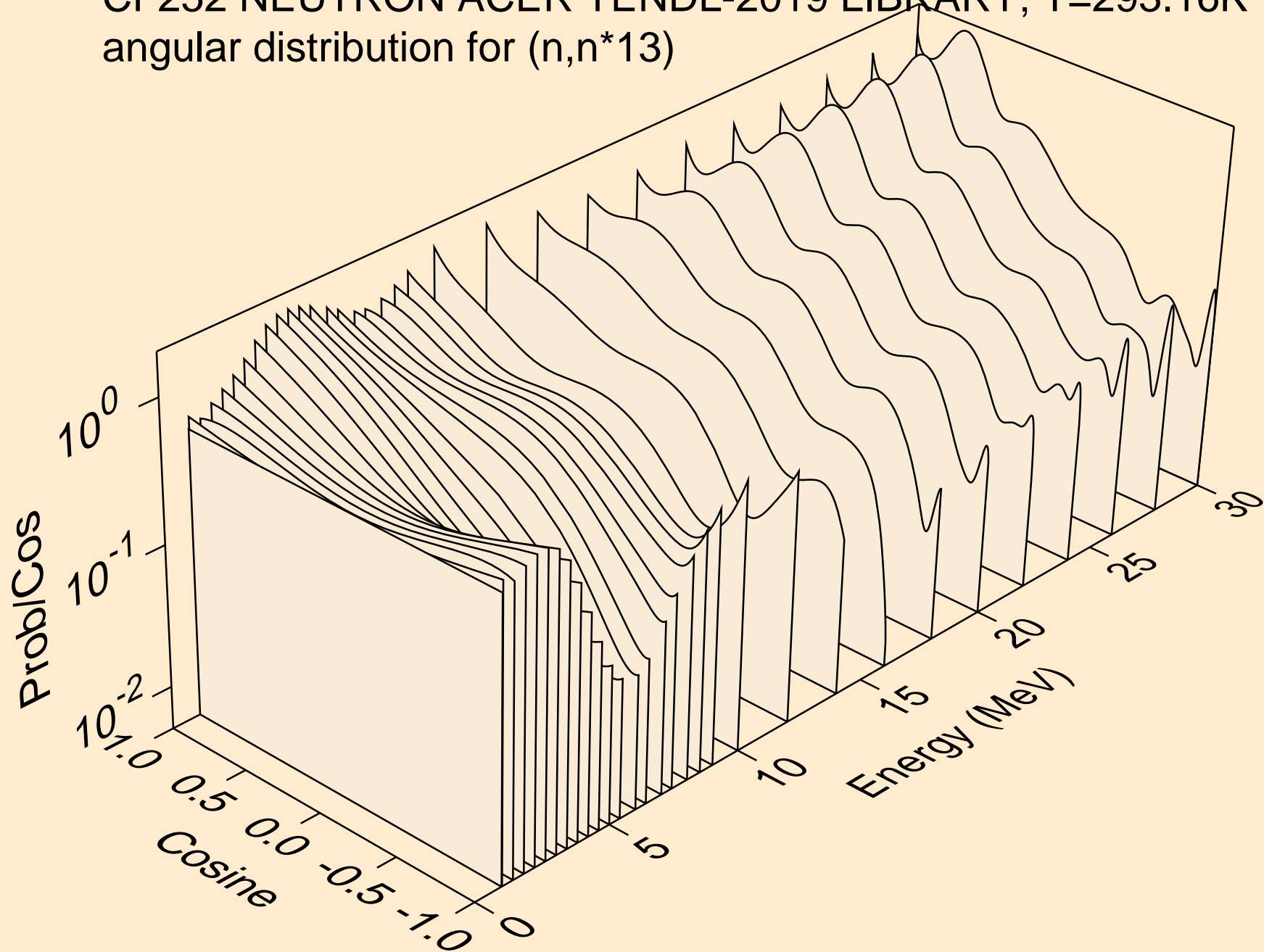
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angular distribution for (n,n*11)



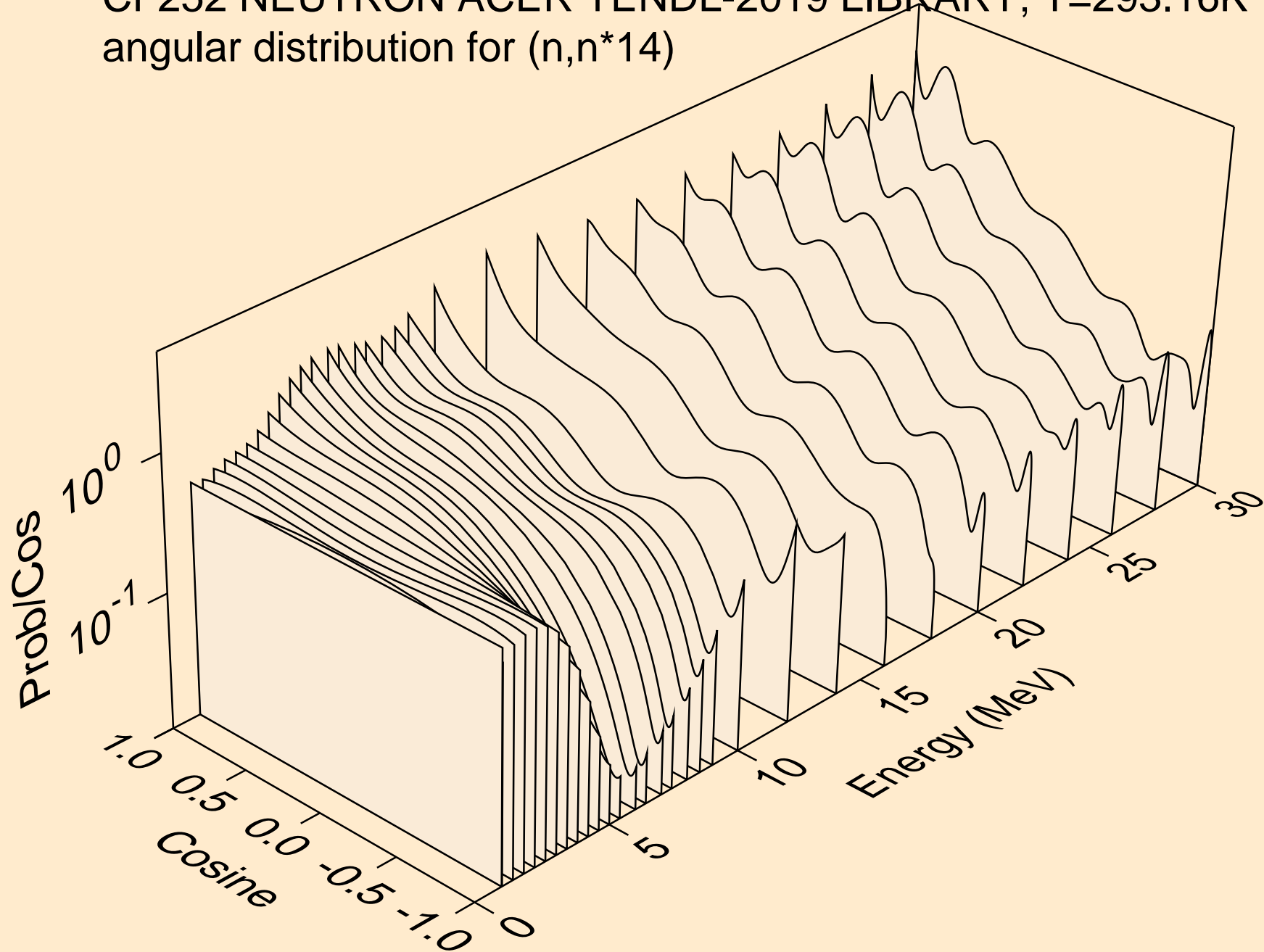
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angular distribution for (n,n*12)



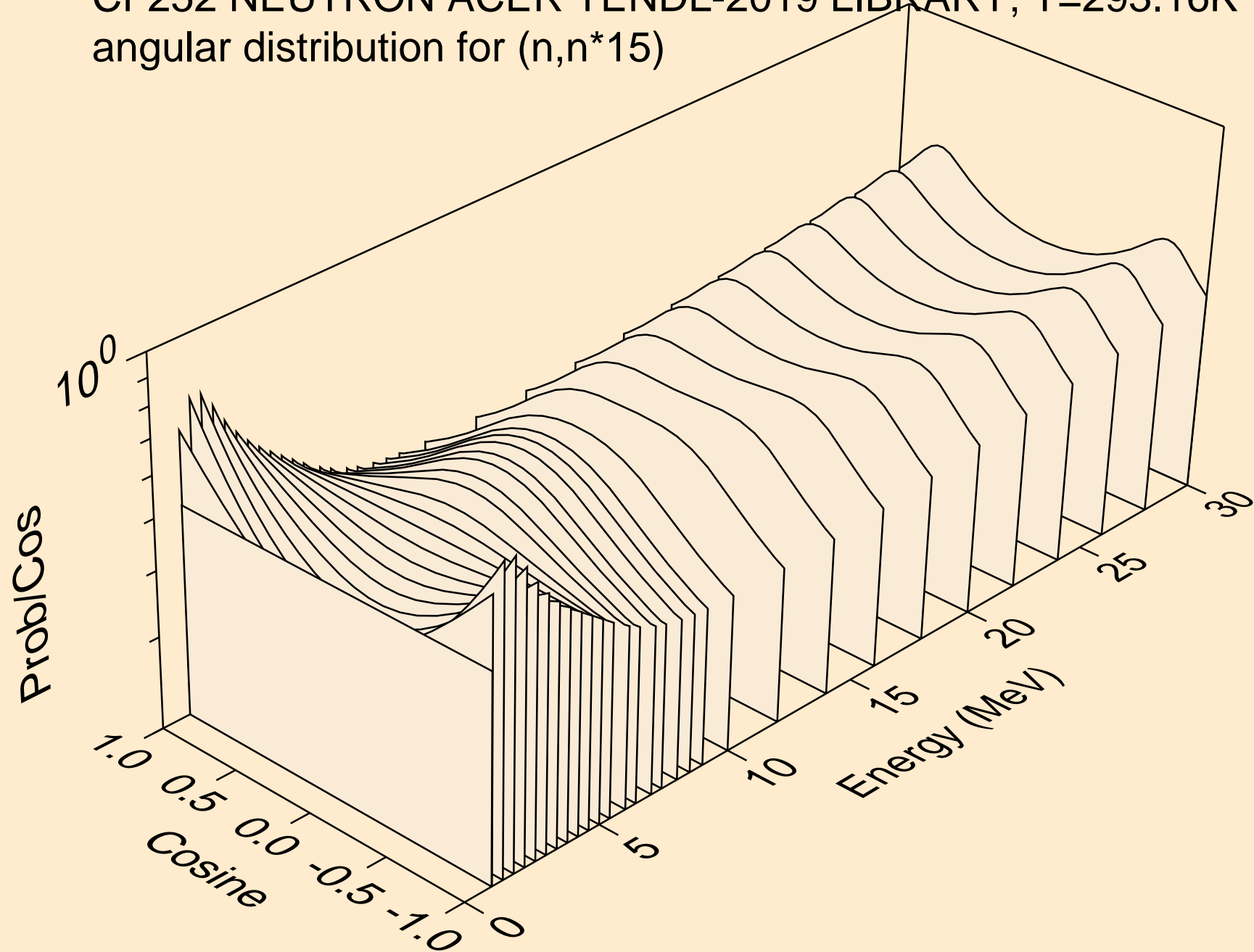
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angular distribution for (n,n*13)



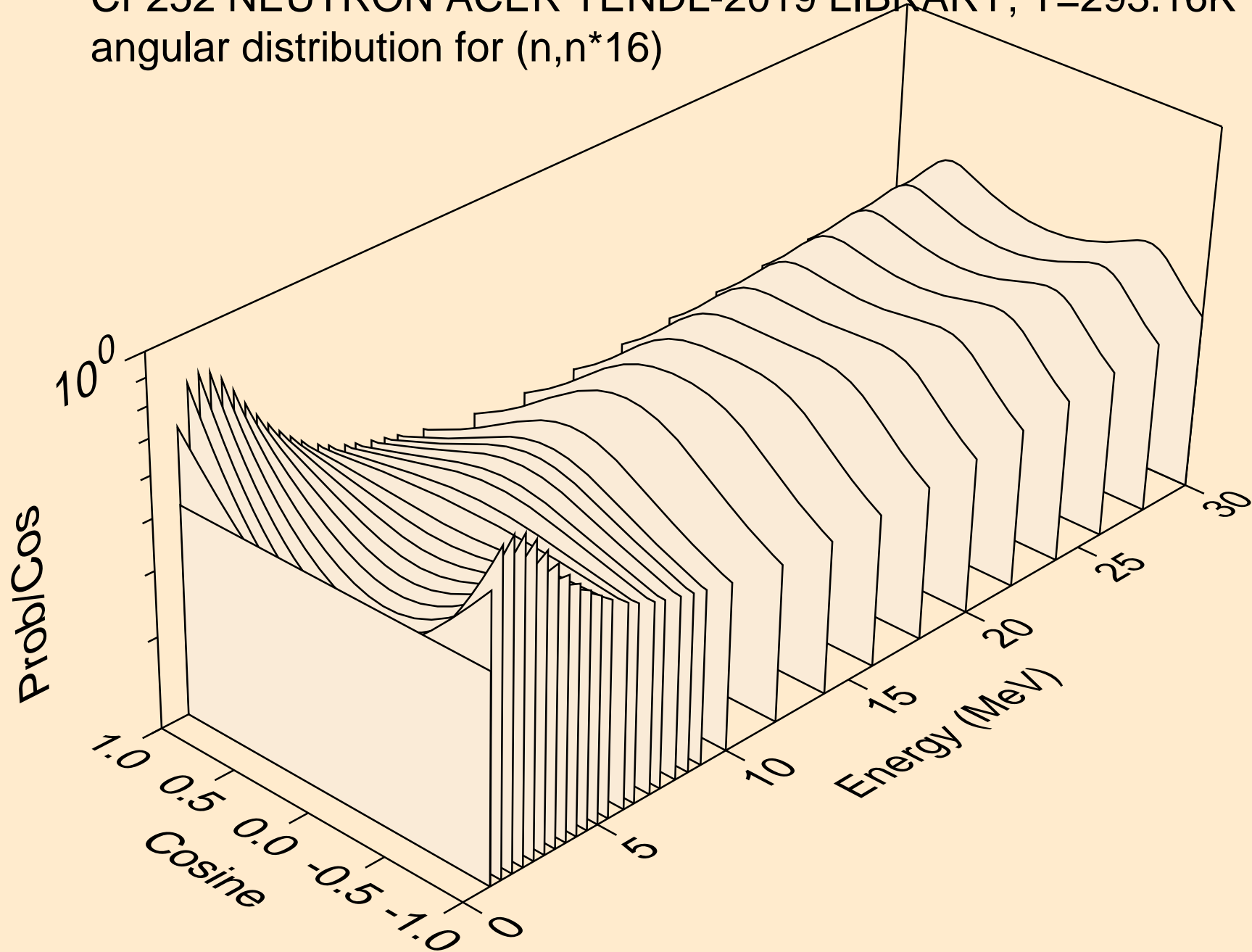
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angular distribution for (n,n*14)



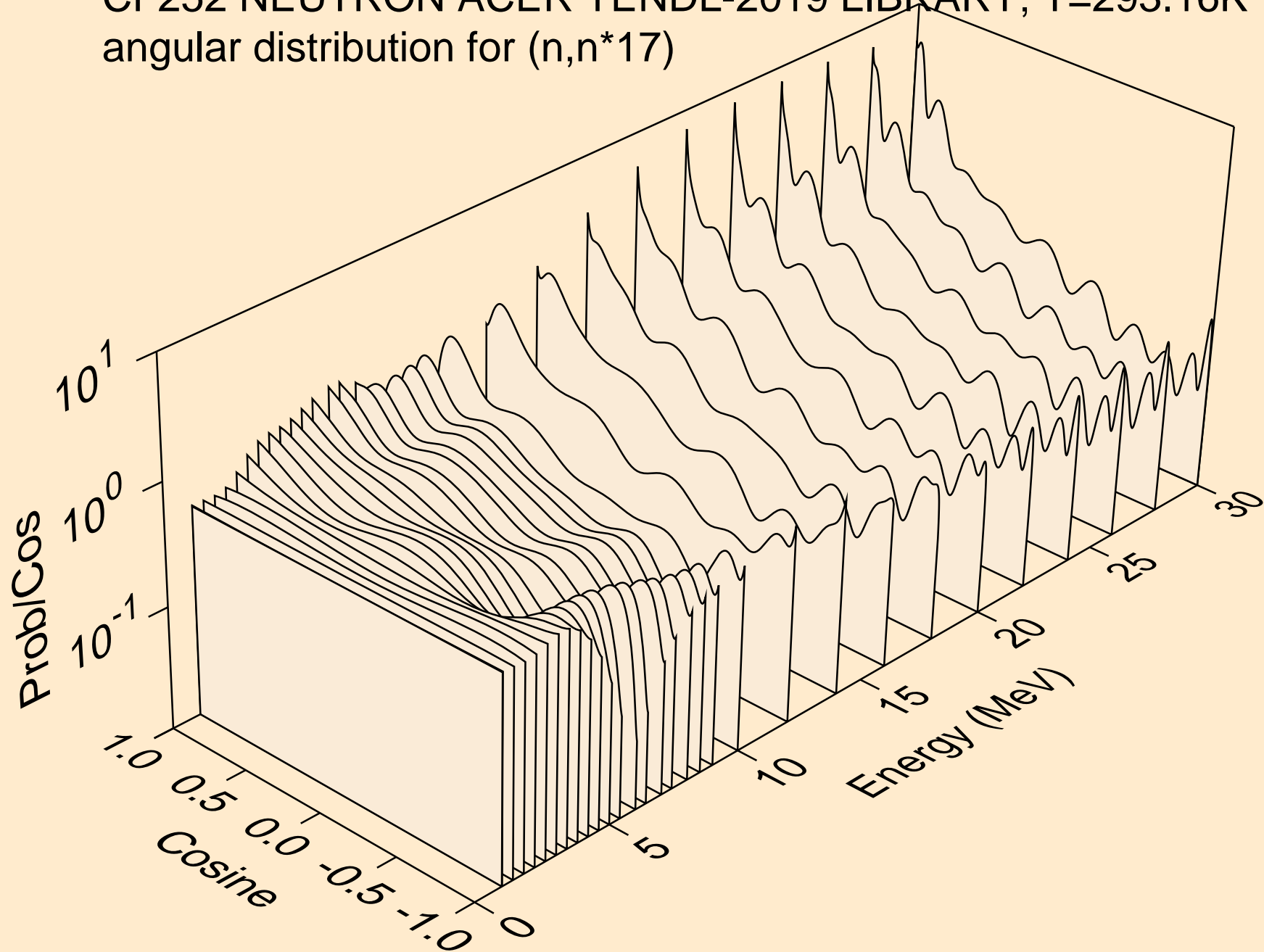
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angular distribution for (n,n*15)



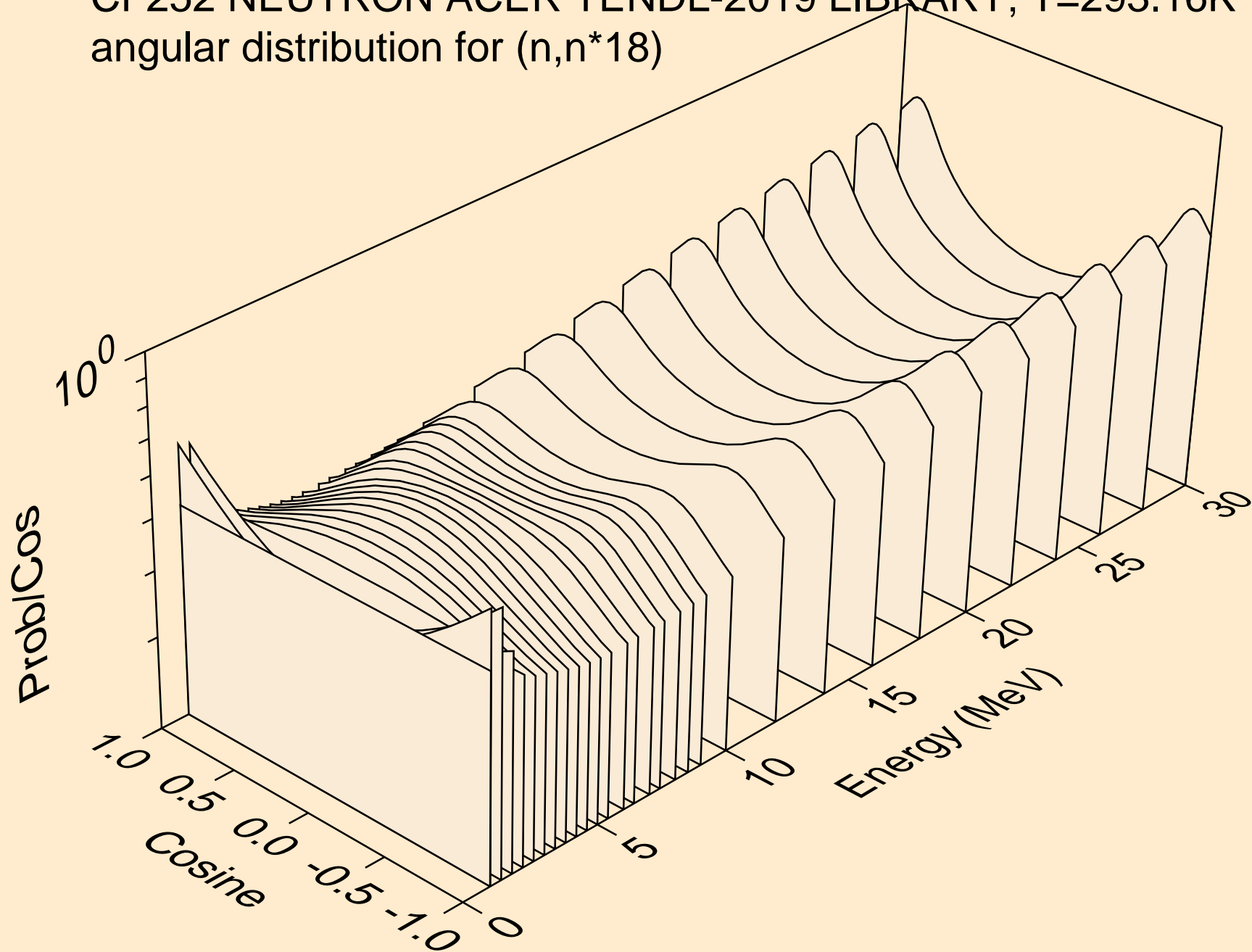
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angular distribution for (n,n*16)



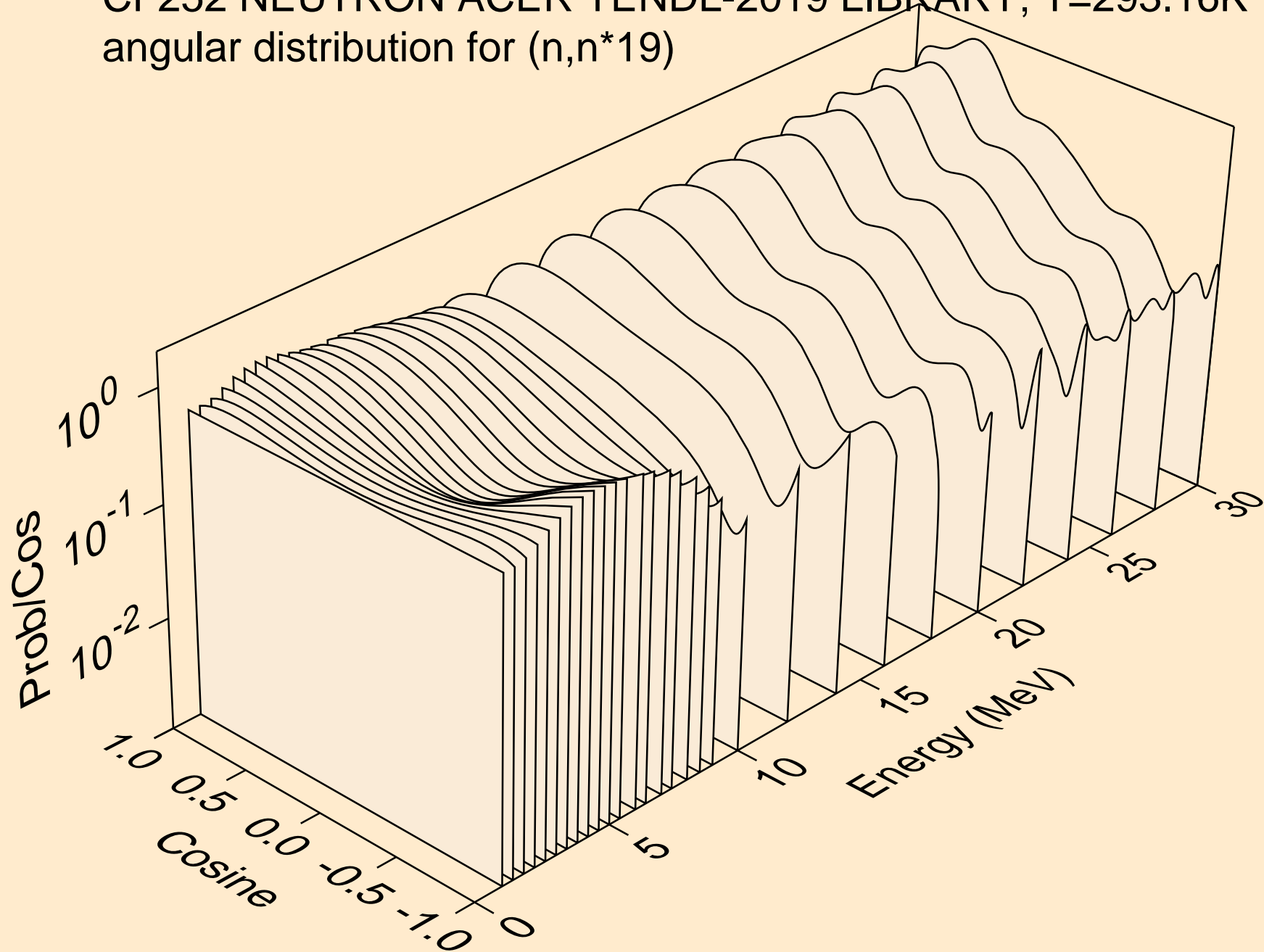
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angular distribution for (n,n*17)



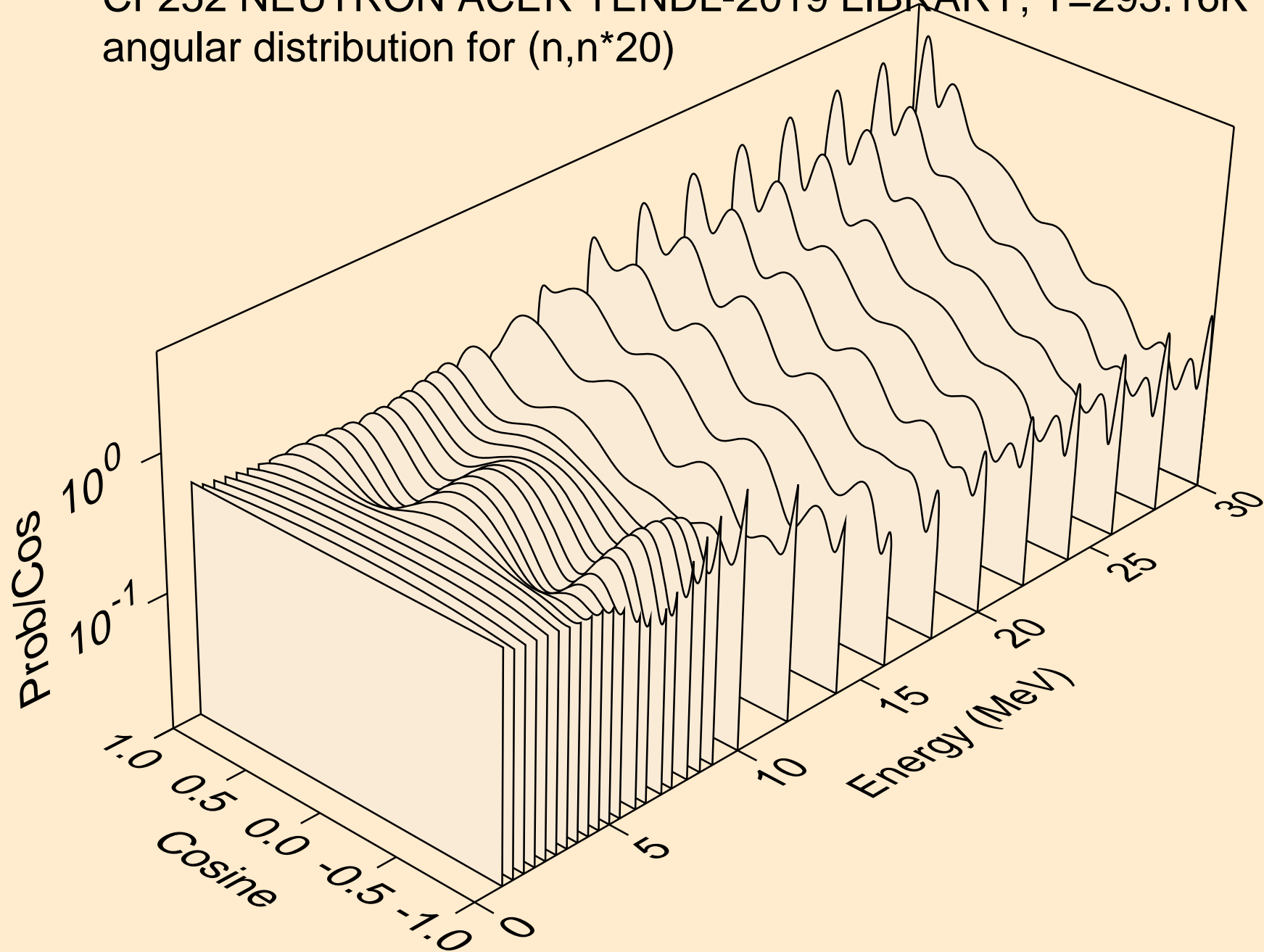
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angular distribution for (n,n*18)



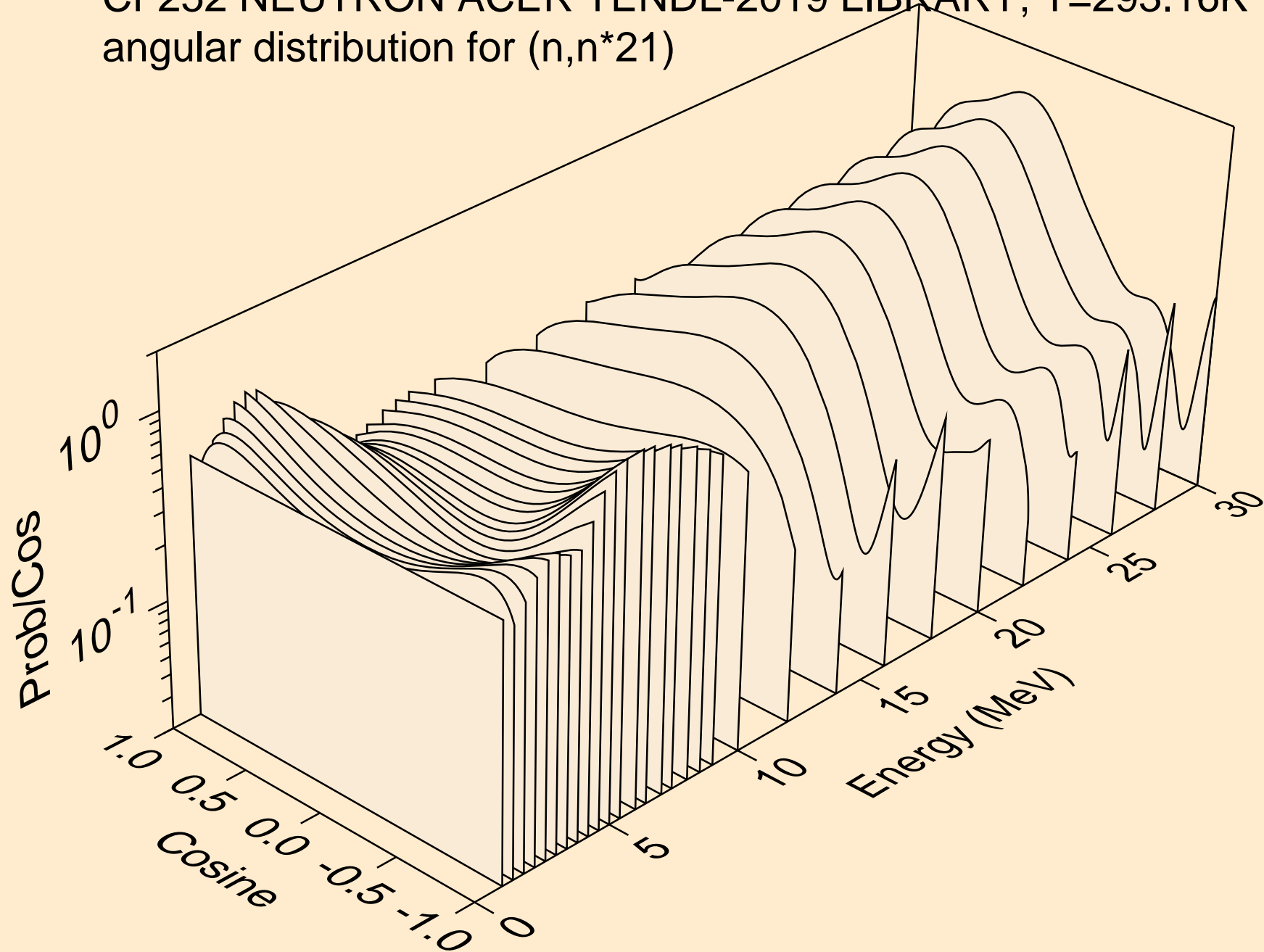
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angular distribution for (n,n*19)



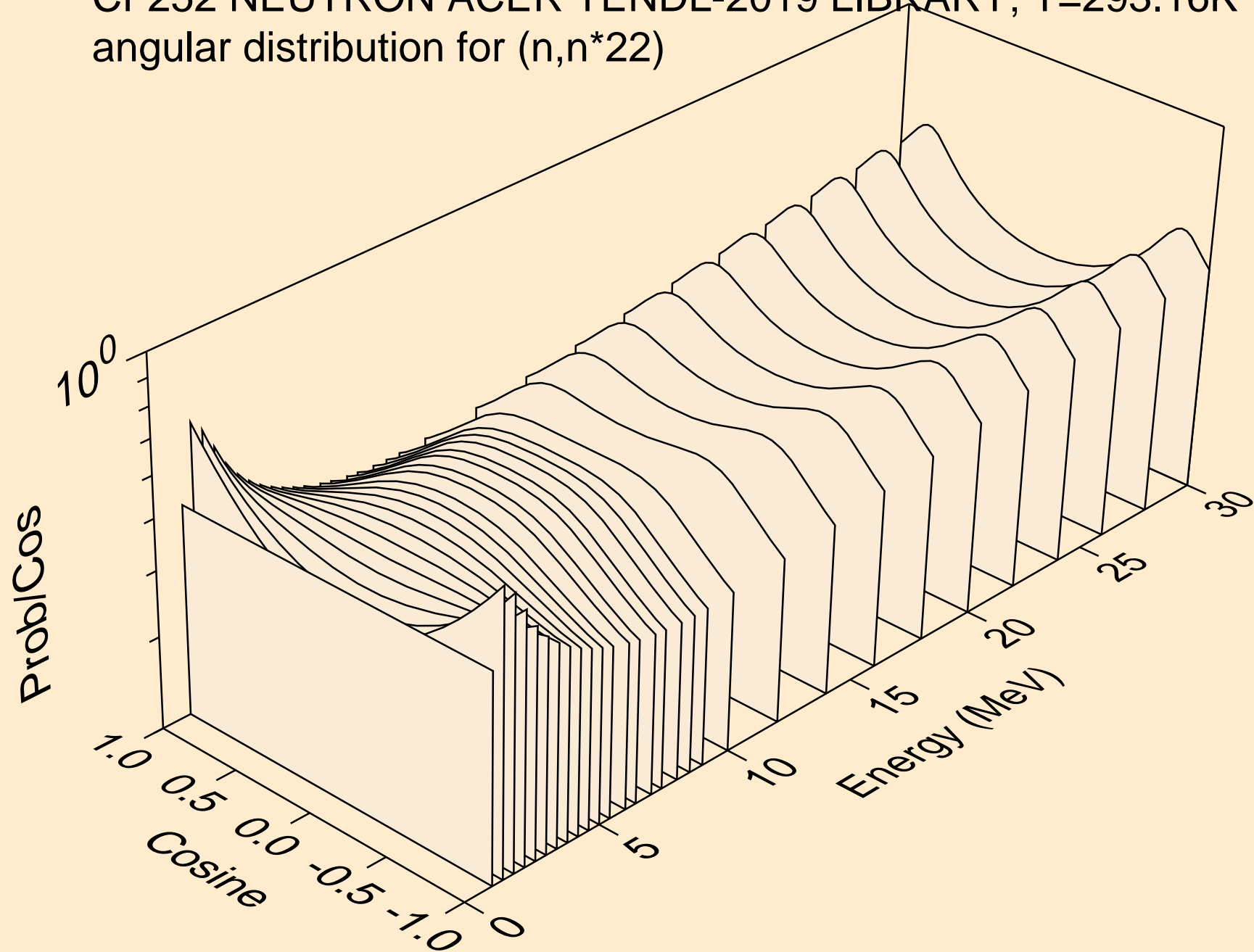
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angular distribution for (n,n*20)



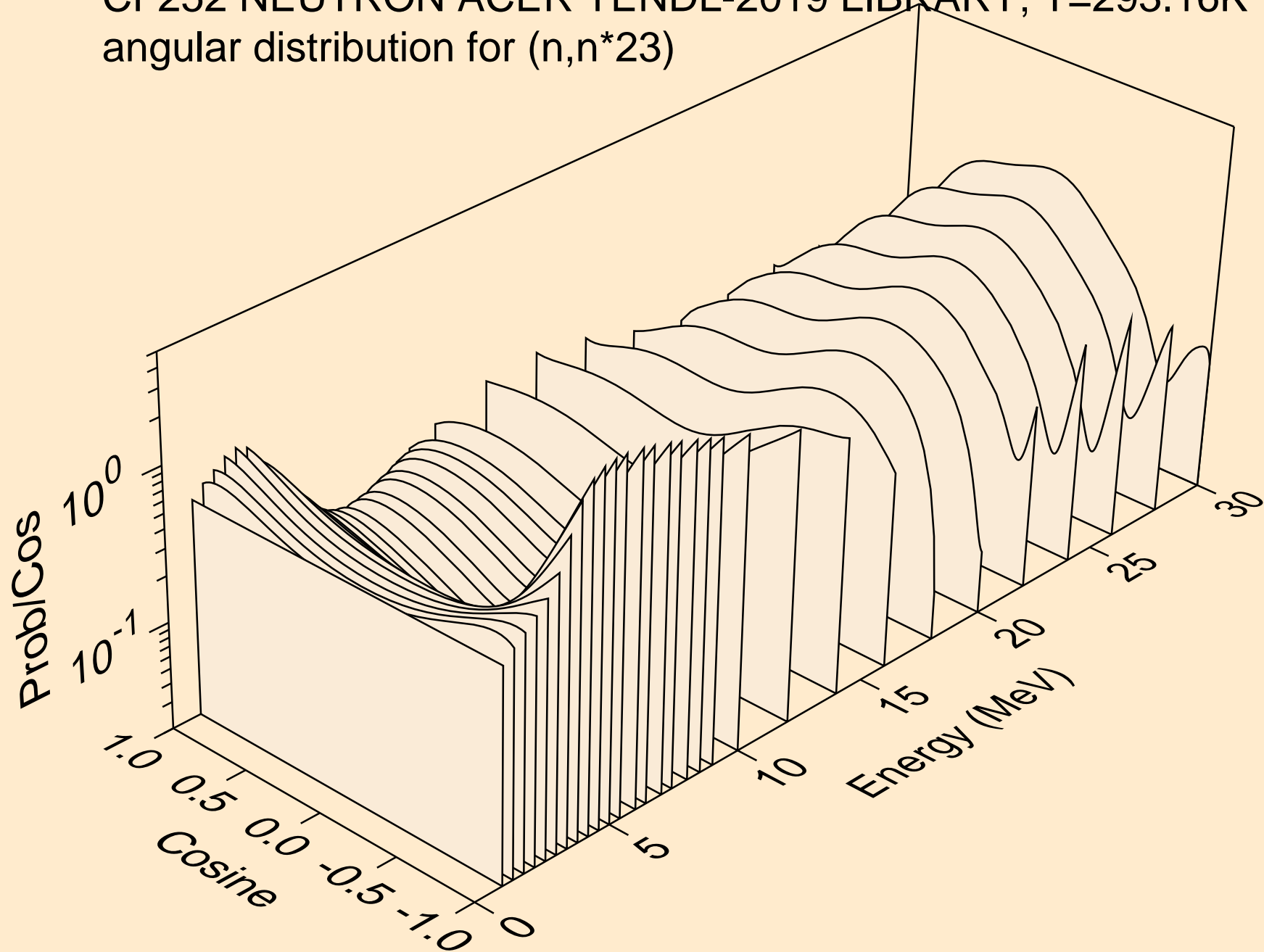
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angular distribution for (n,n*21)



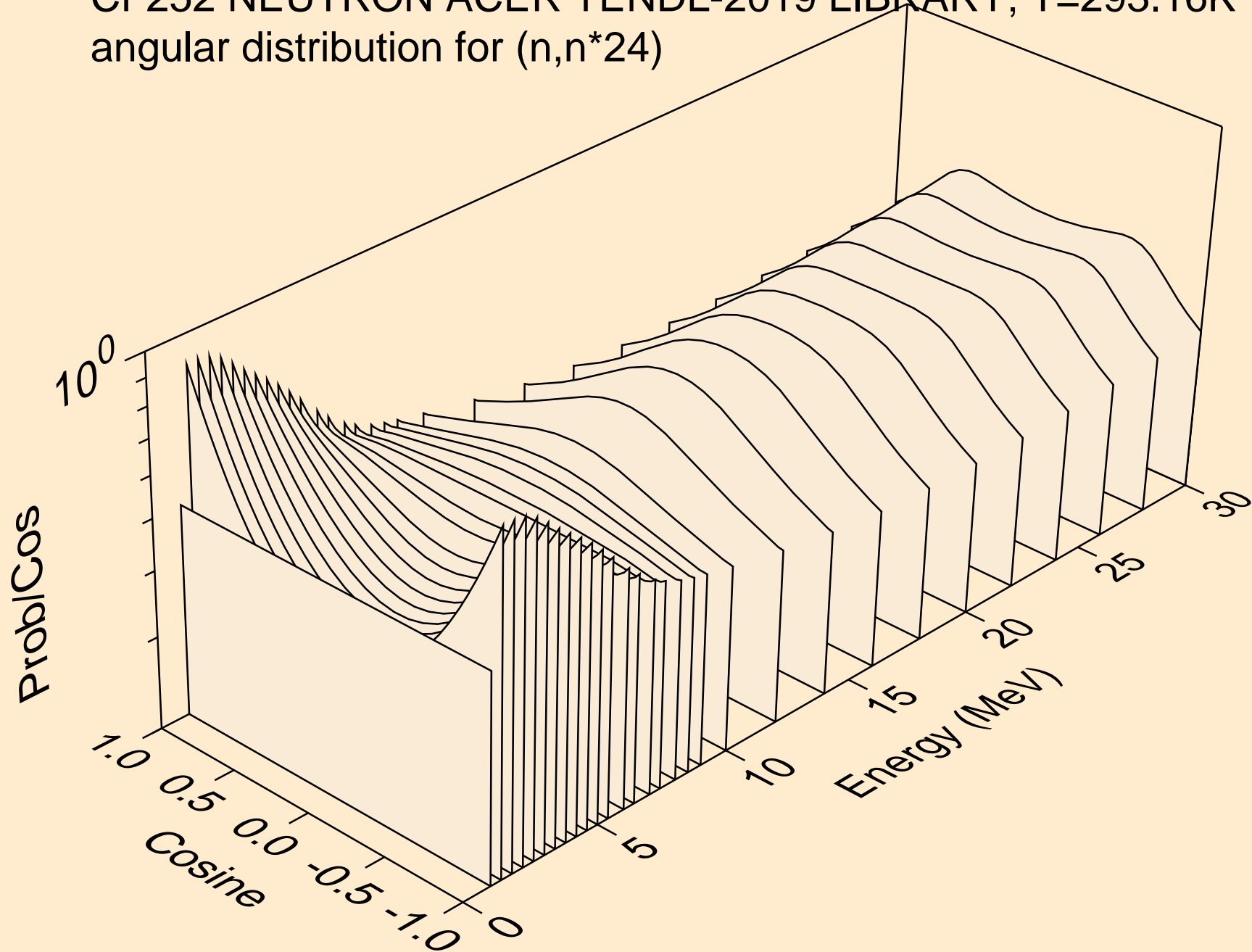
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angular distribution for (n,n*22)



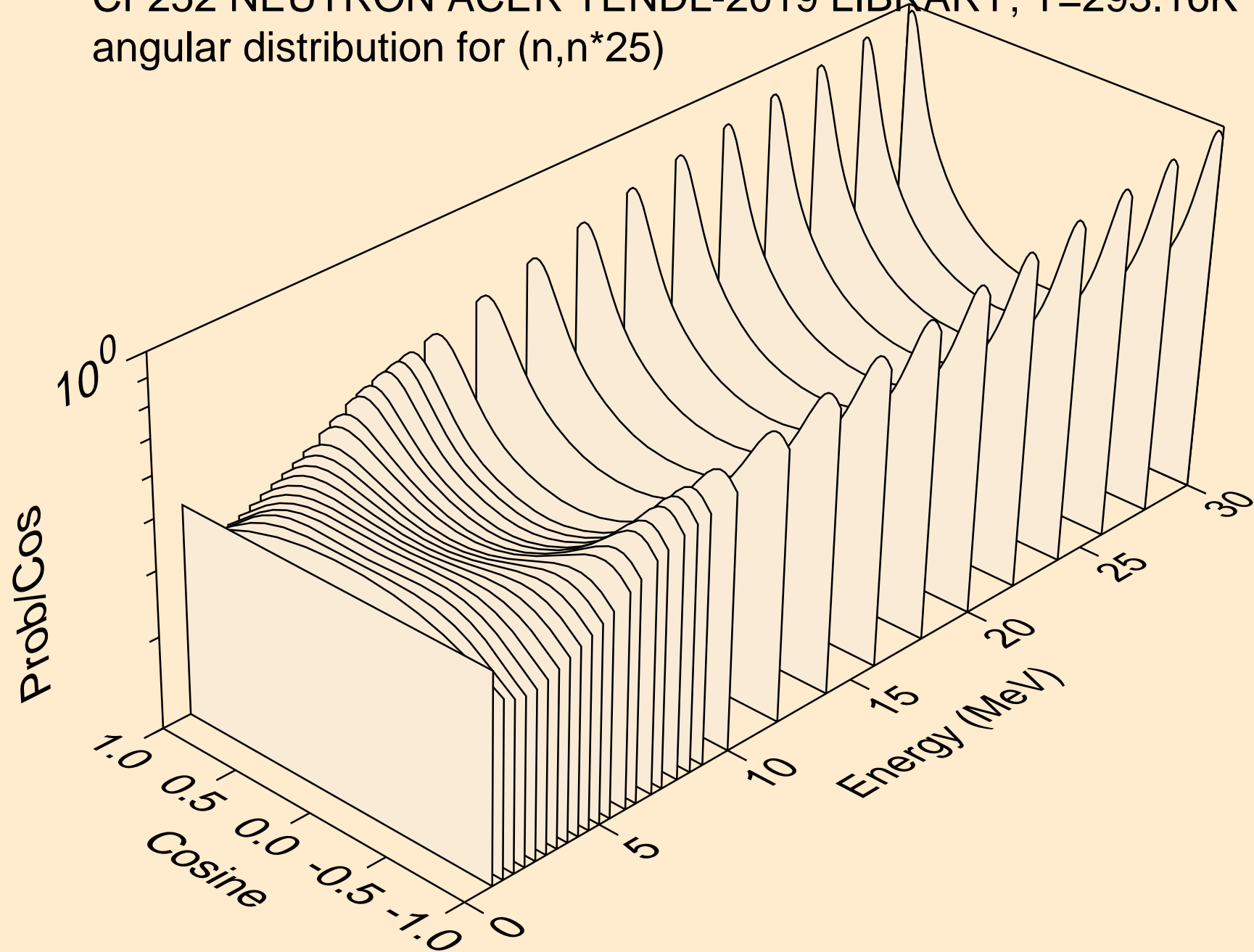
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angular distribution for (n,n*23)



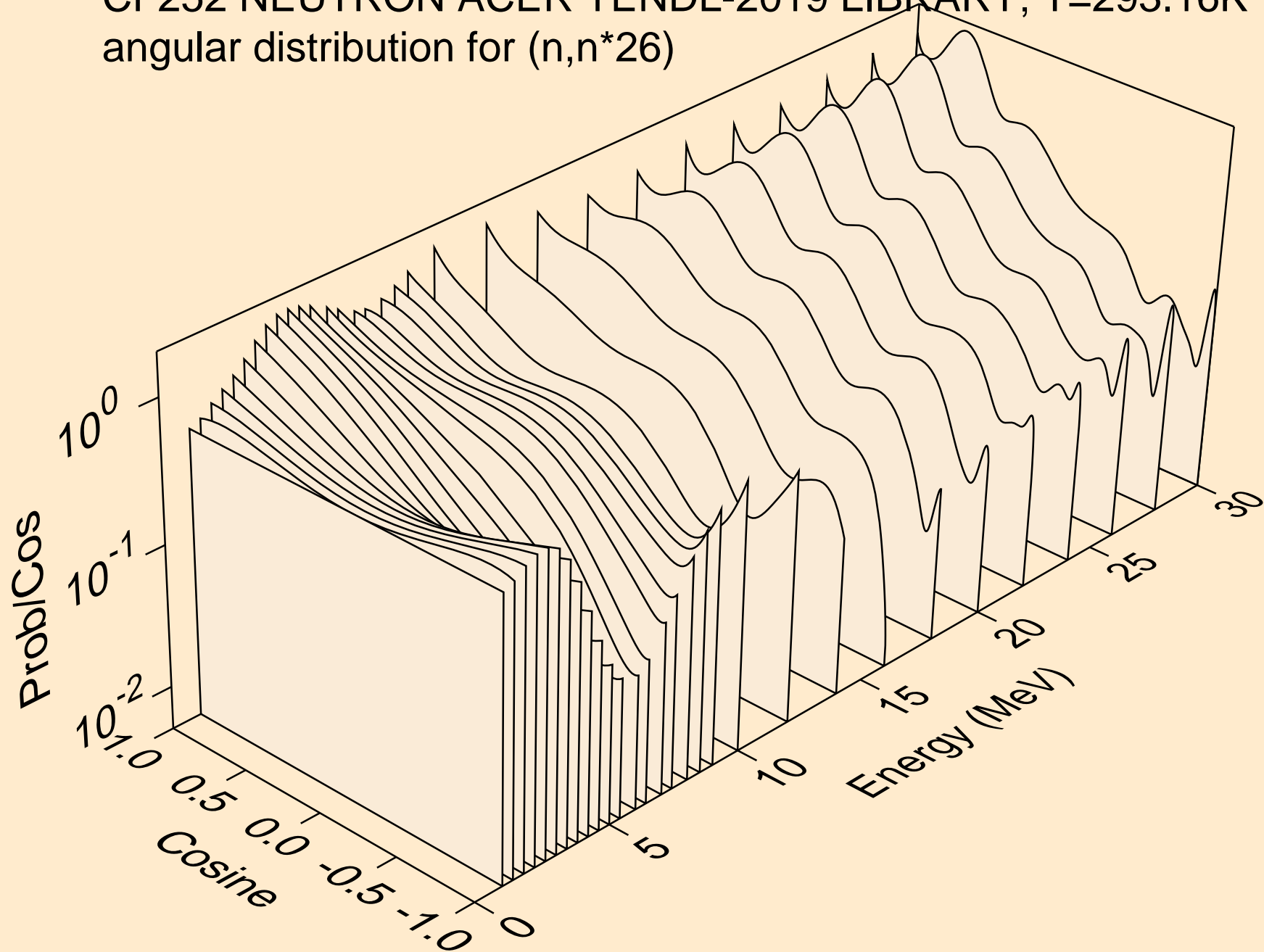
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angular distribution for (n,n*24)



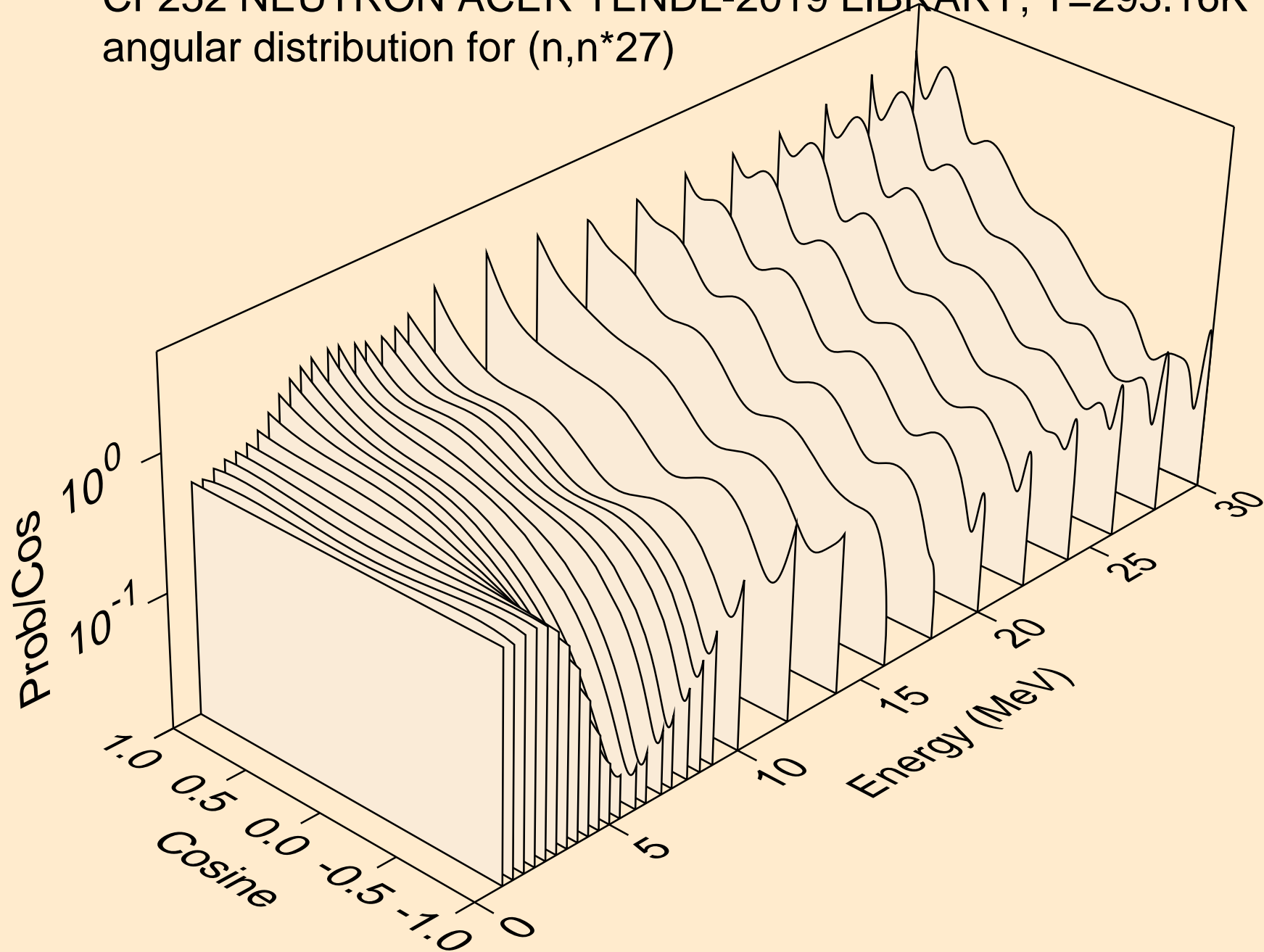
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angular distribution for (n,n*25)



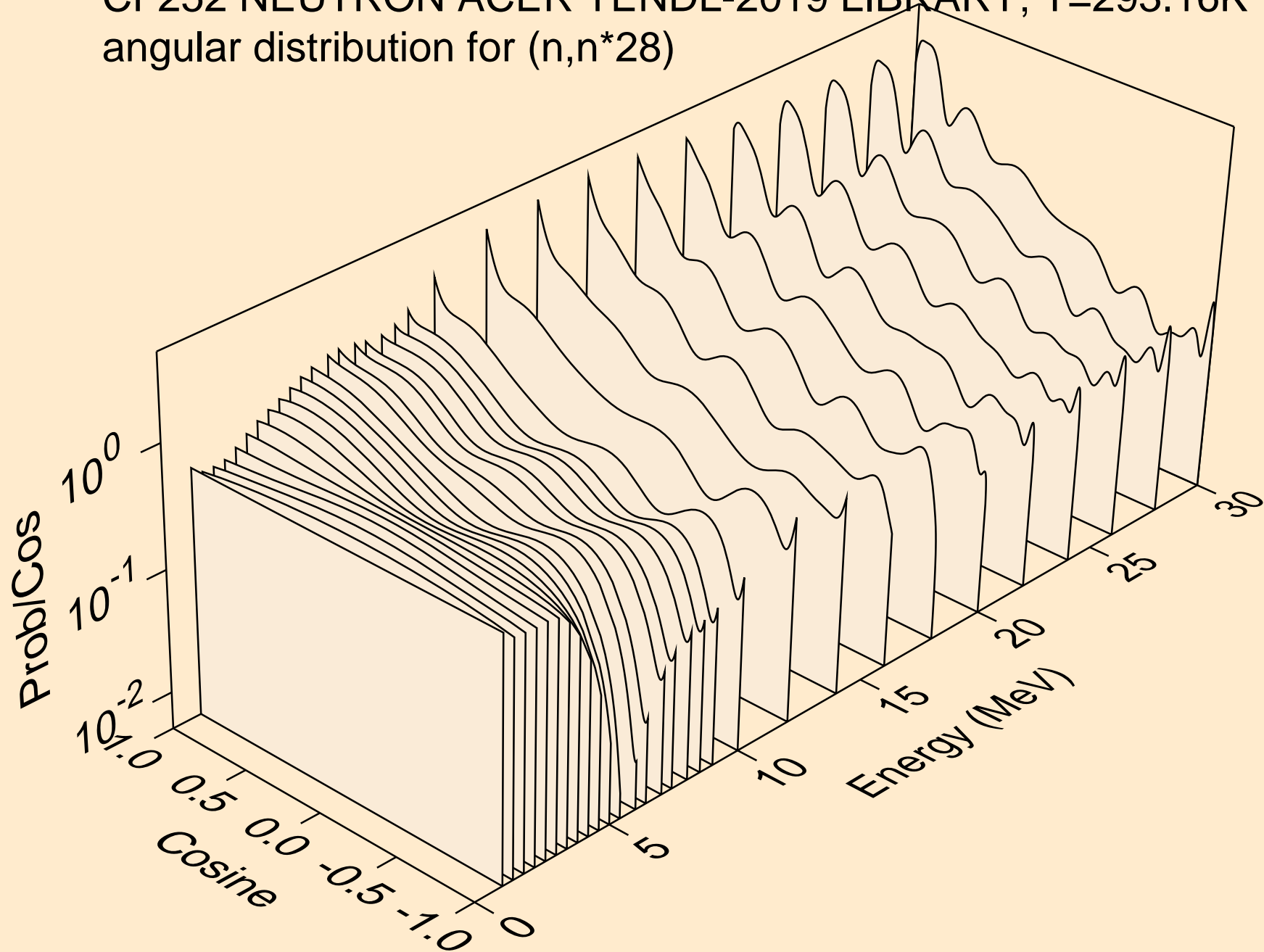
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



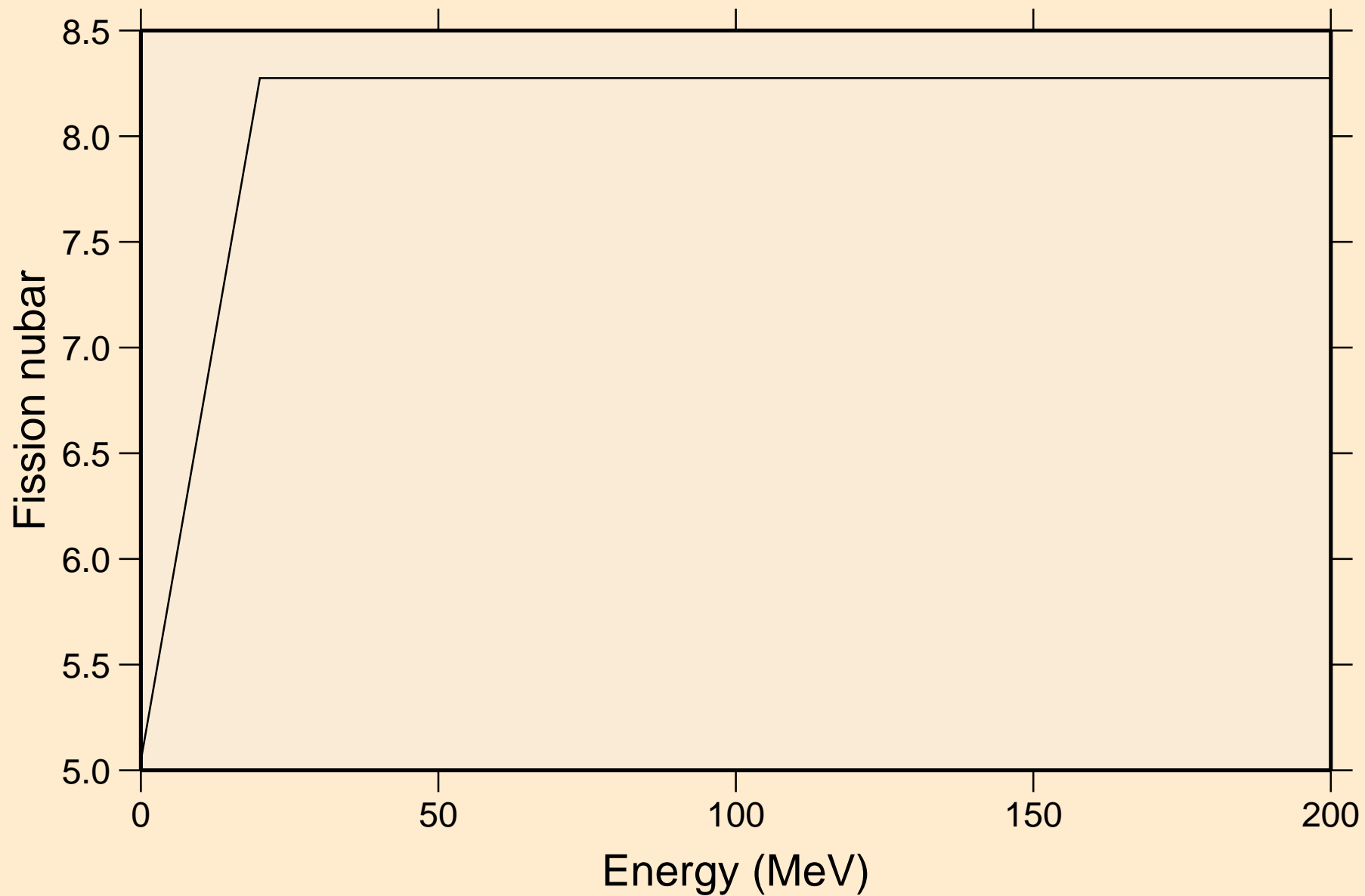
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angular distribution for (n,n*27)



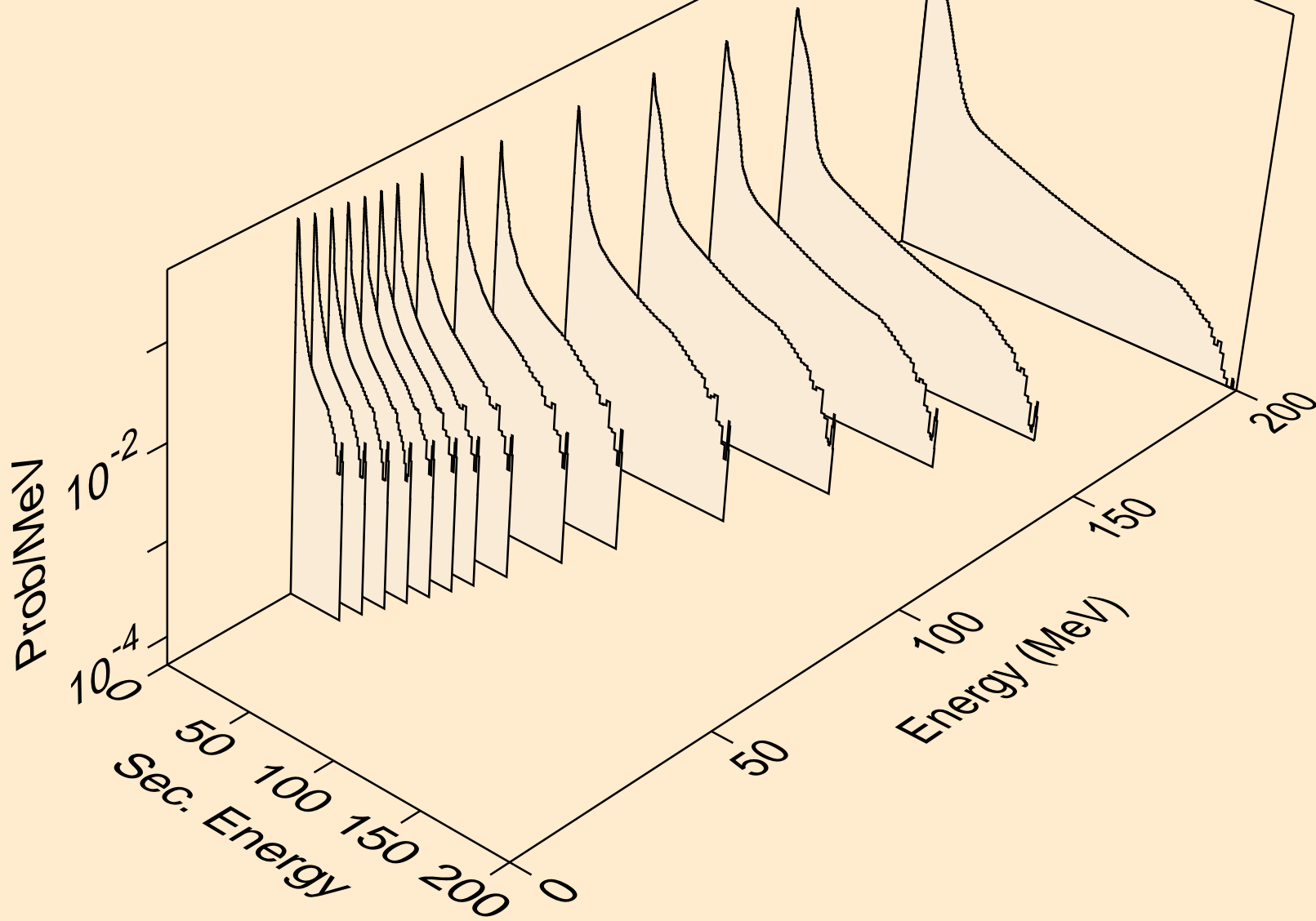
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



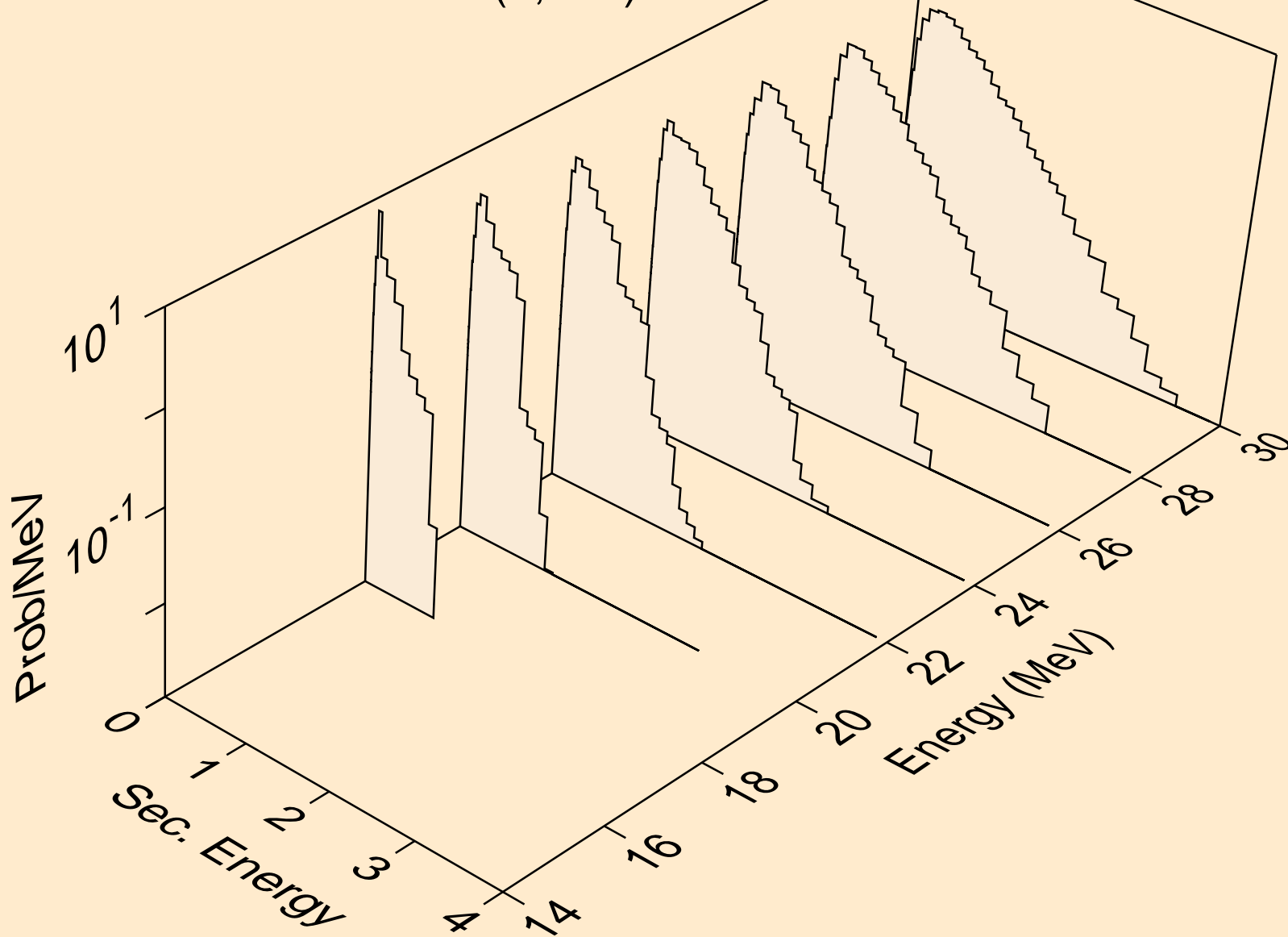
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Total fission nuabar



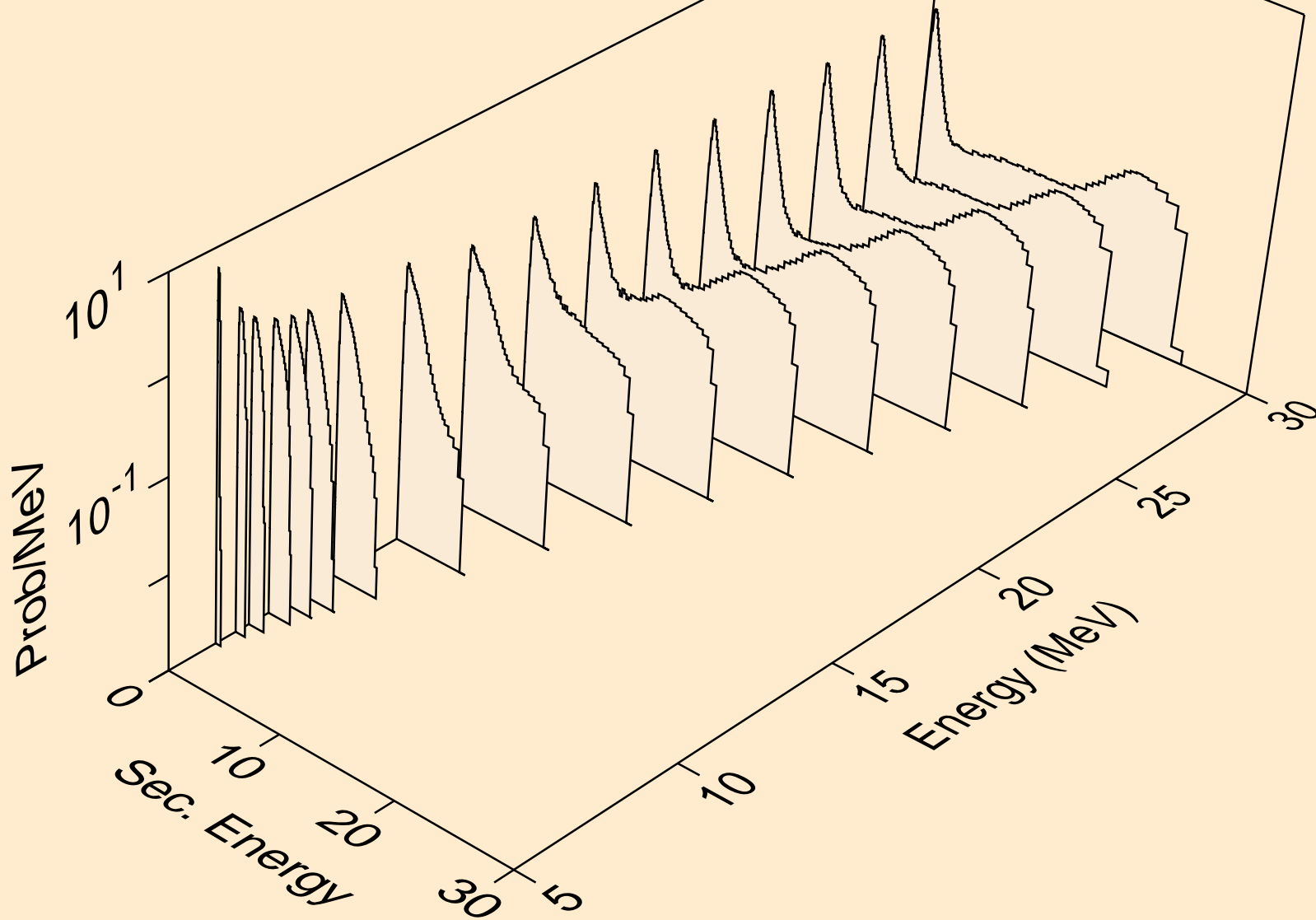
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



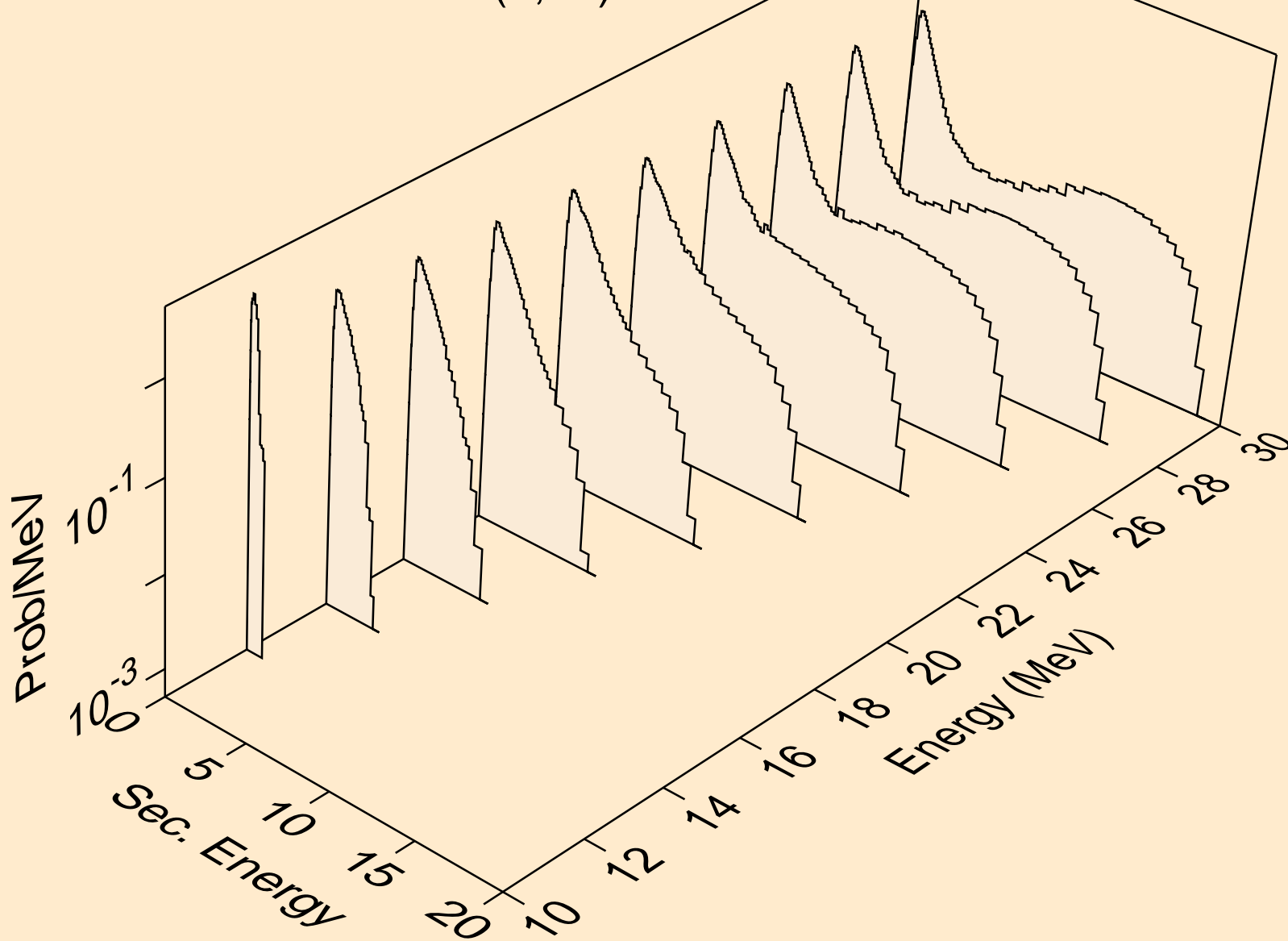
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



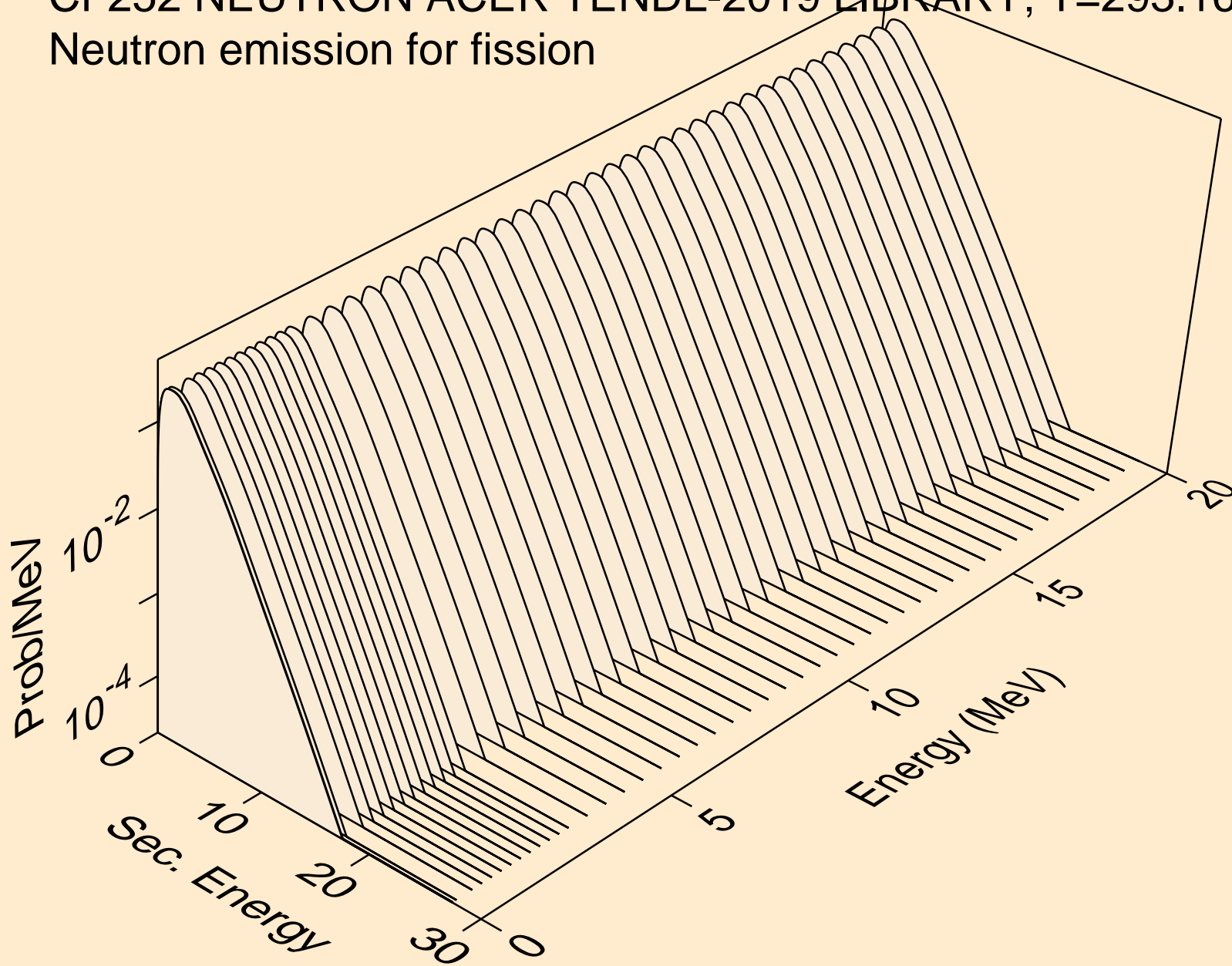
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



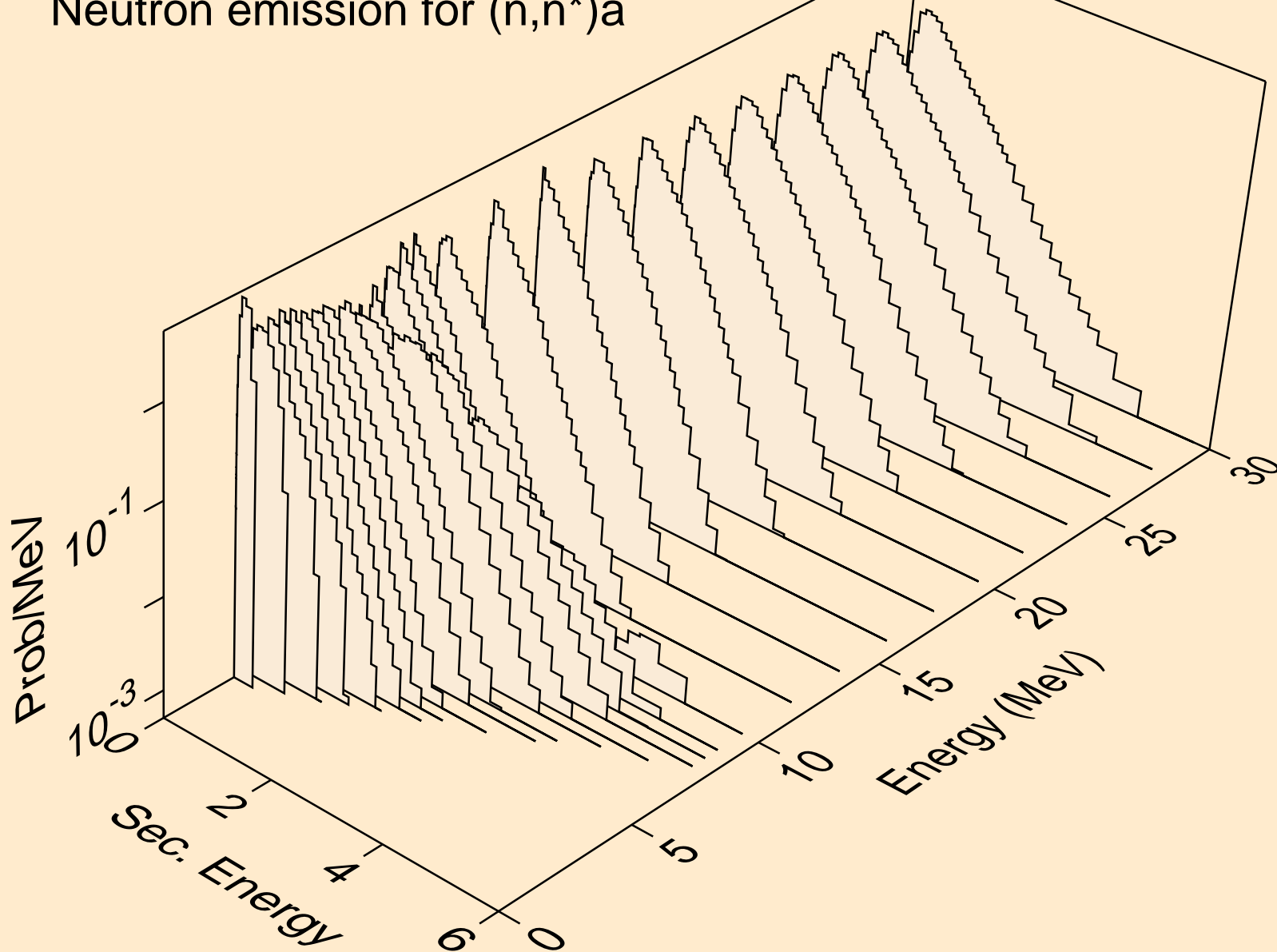
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



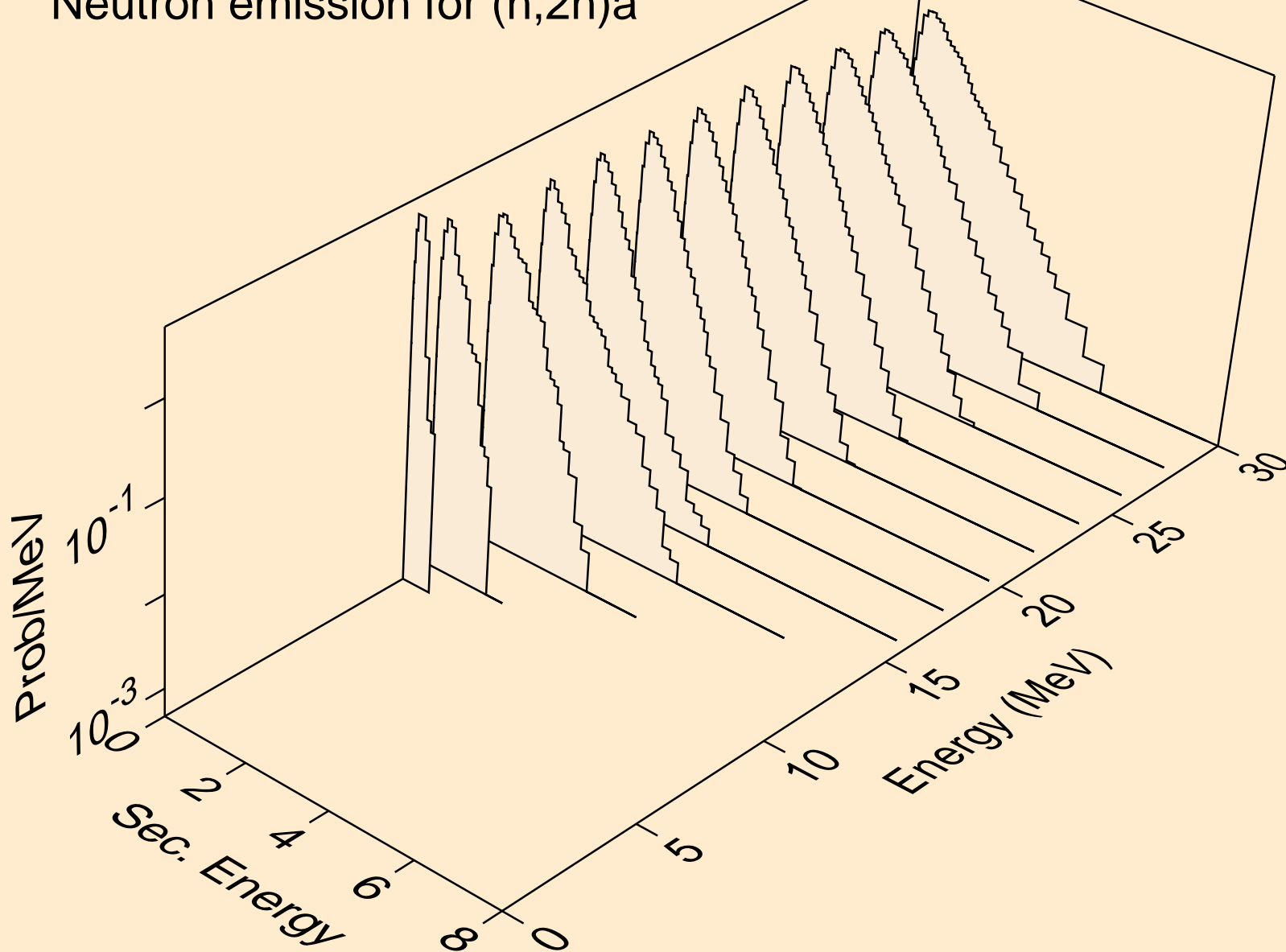
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for fission



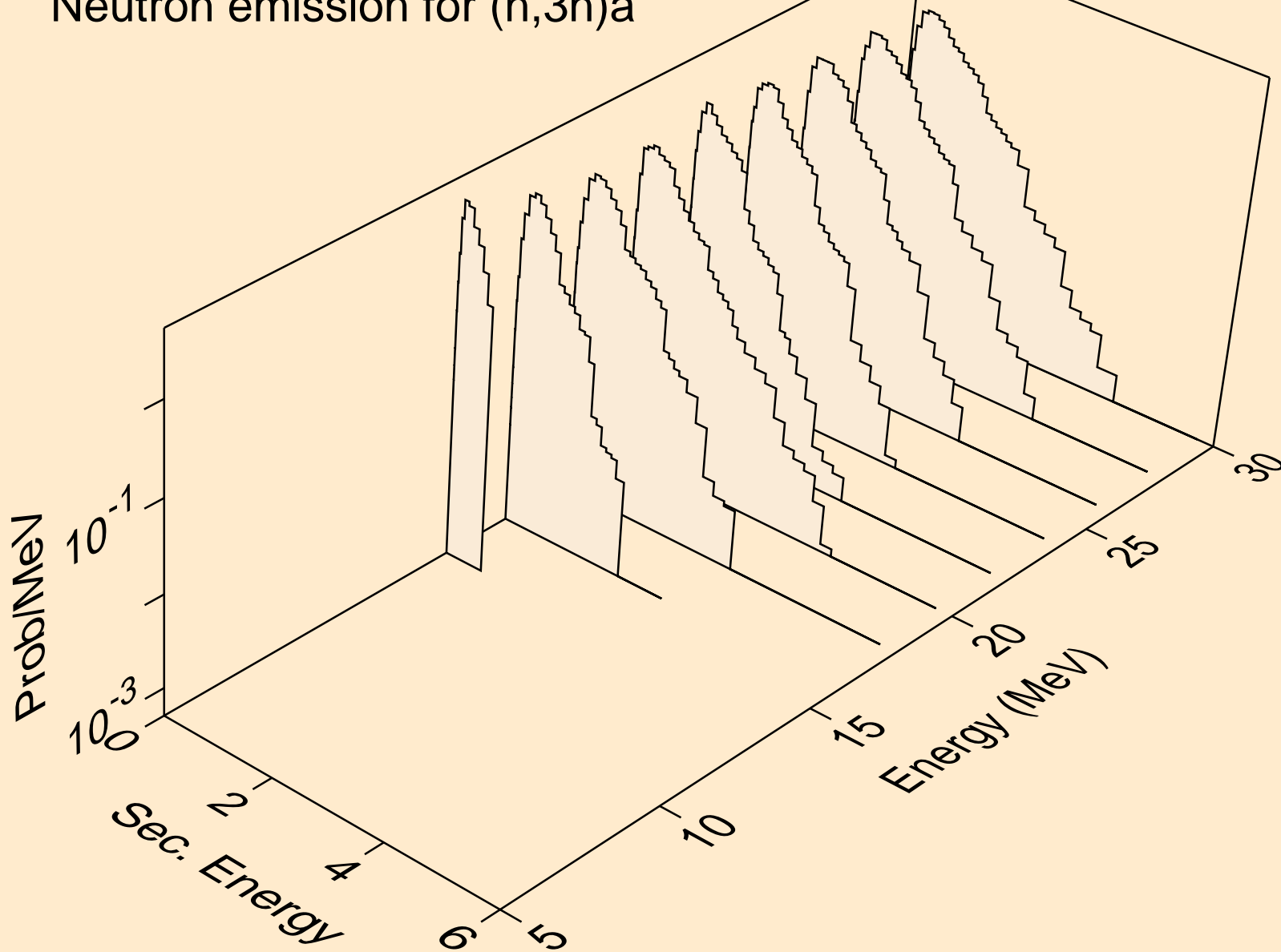
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



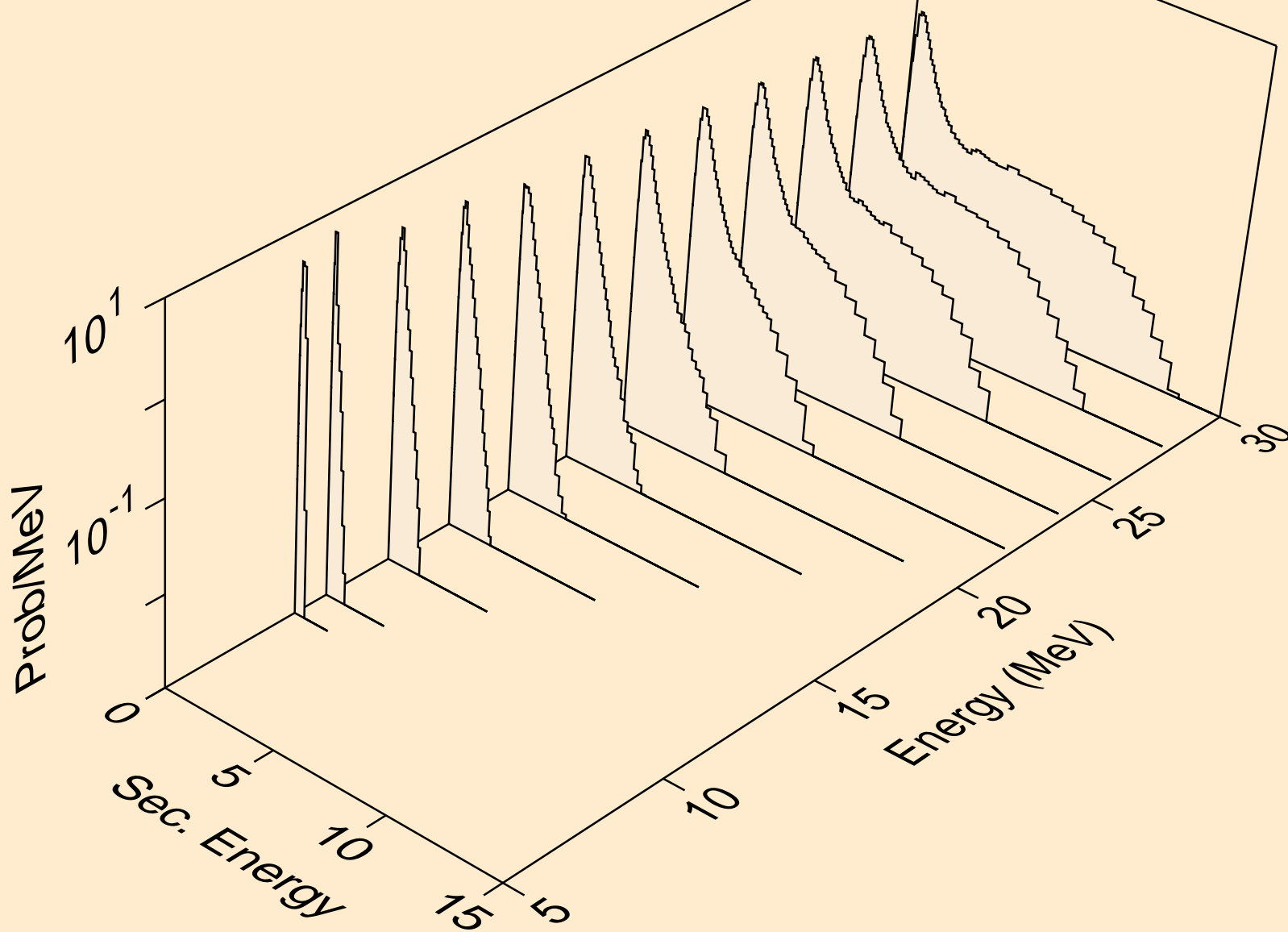
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



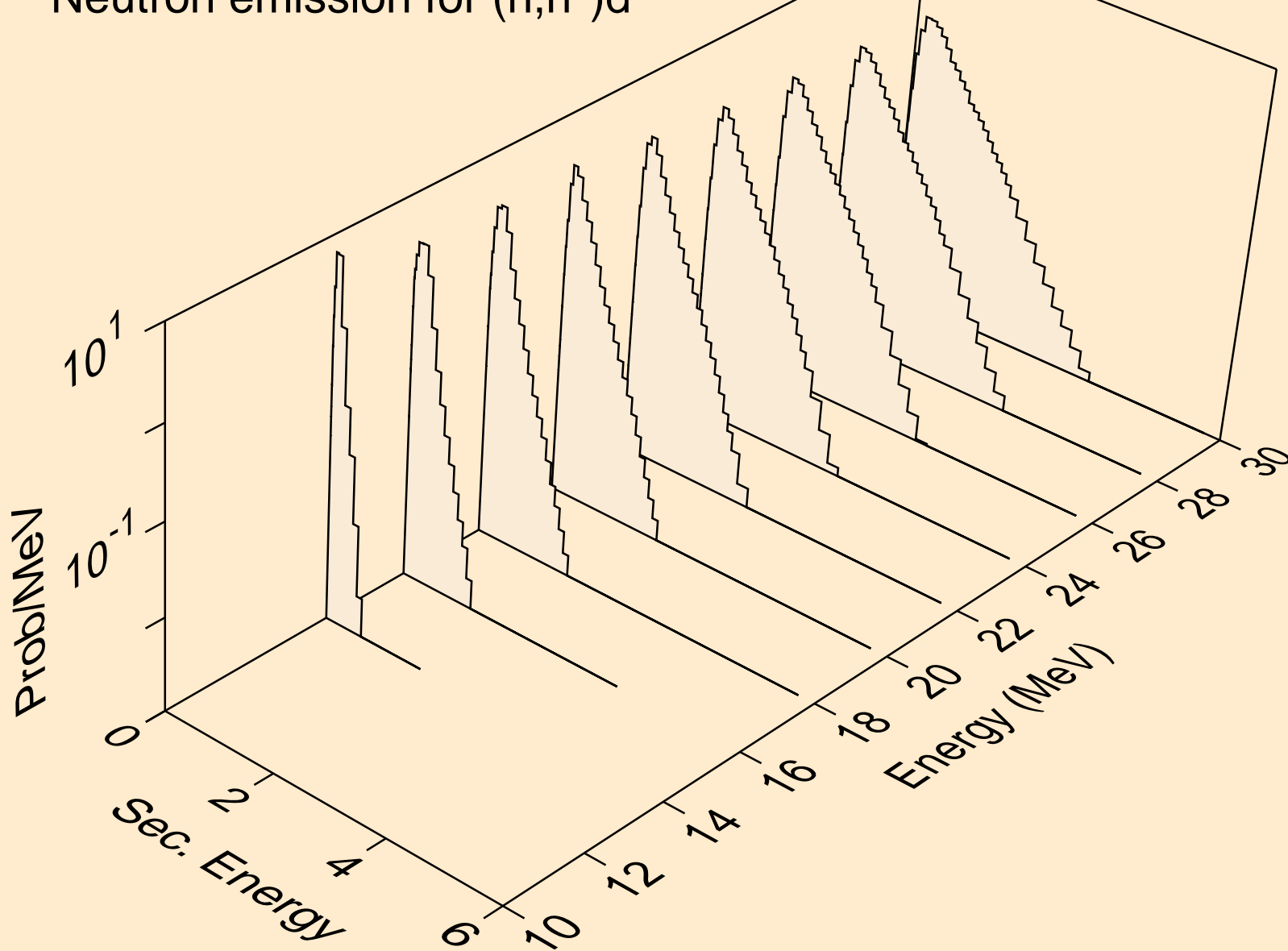
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



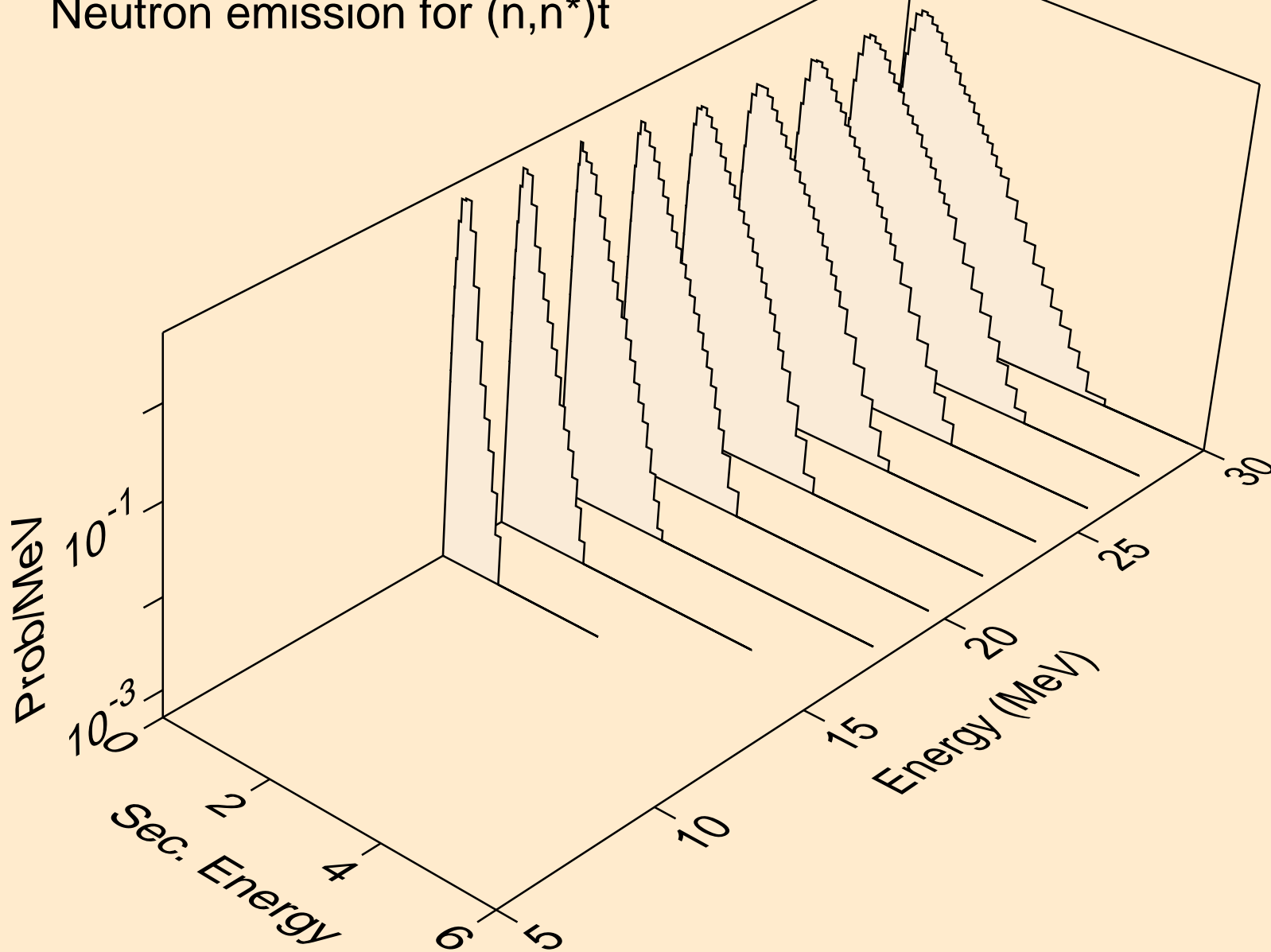
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



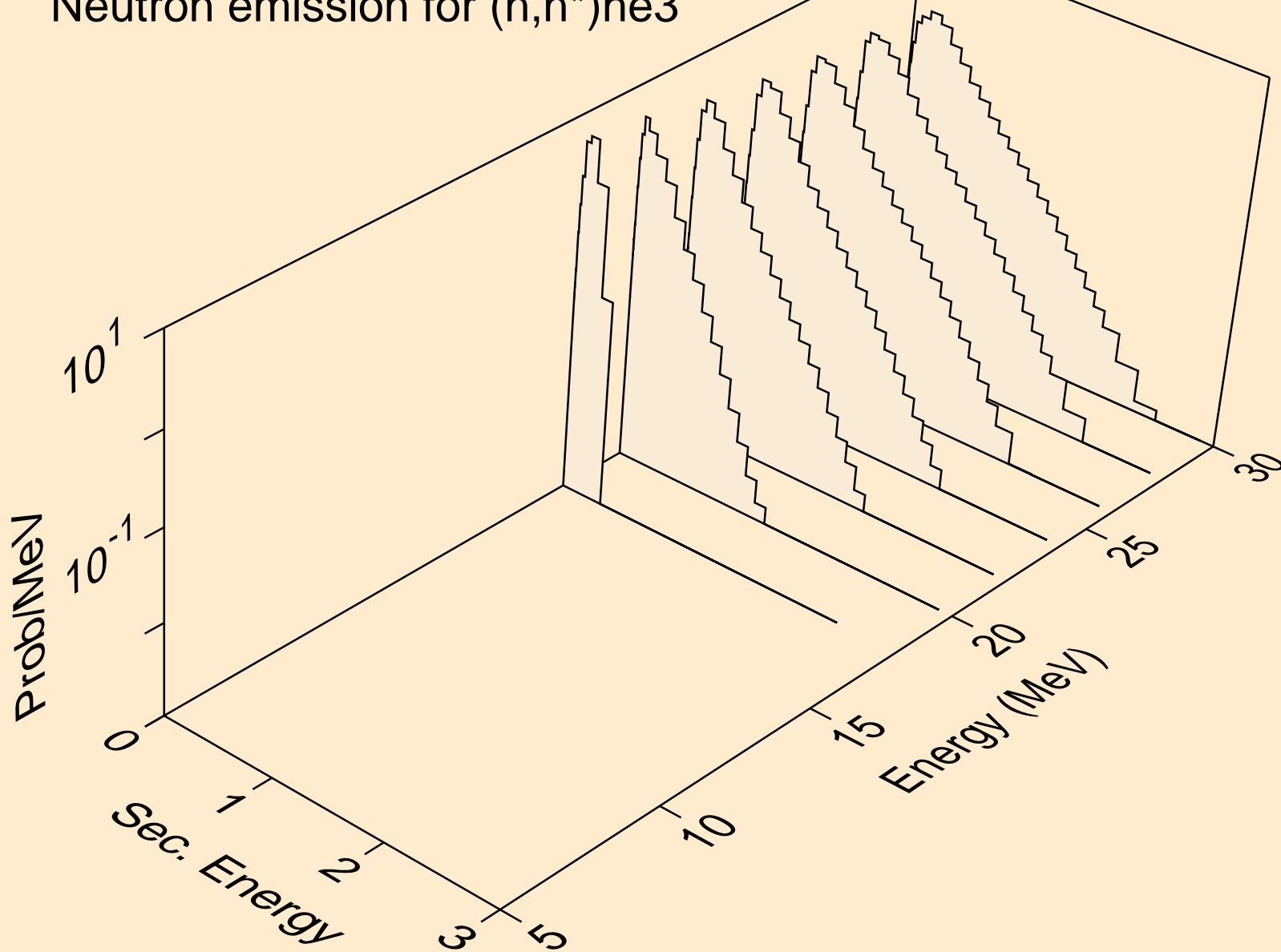
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



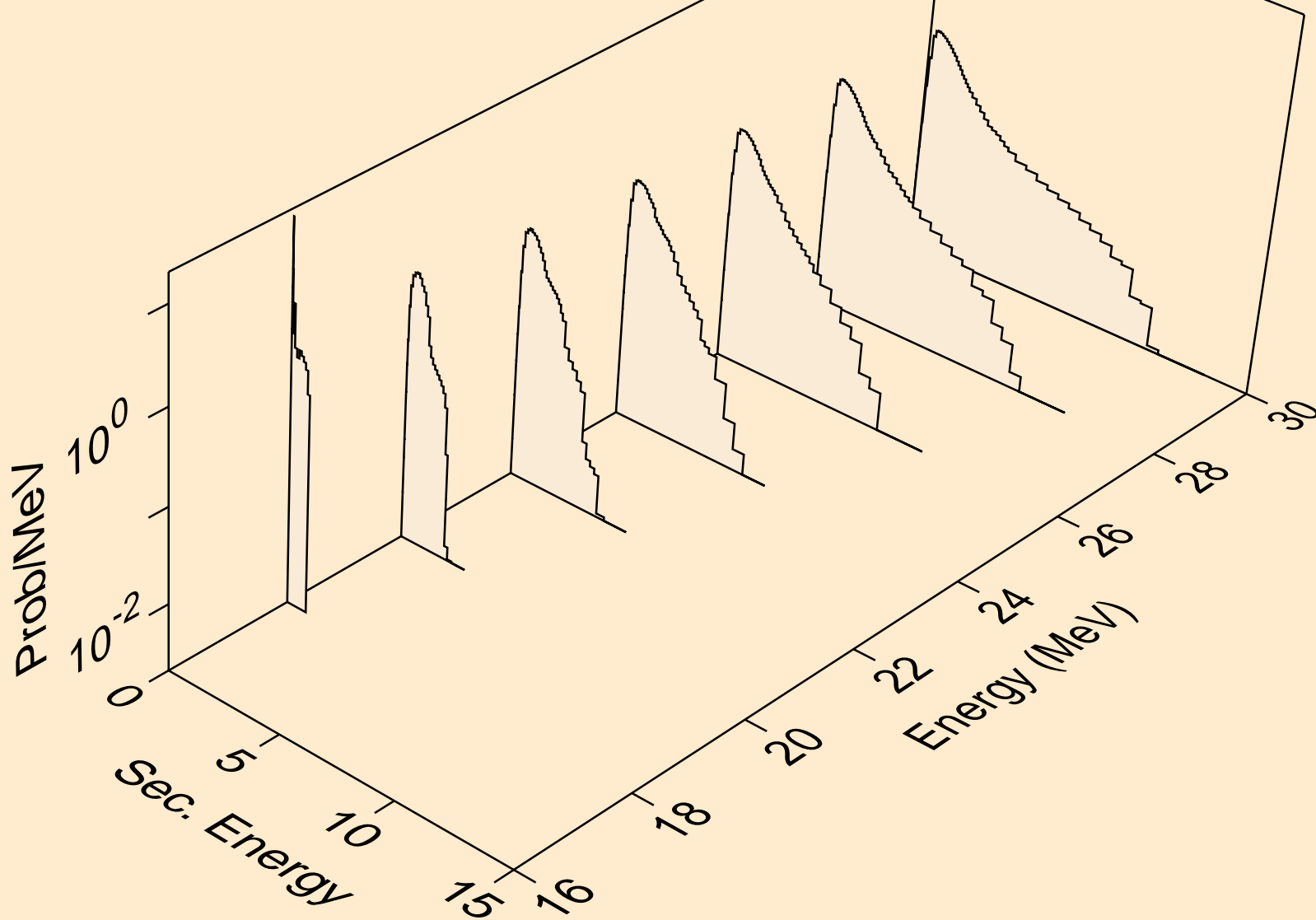
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



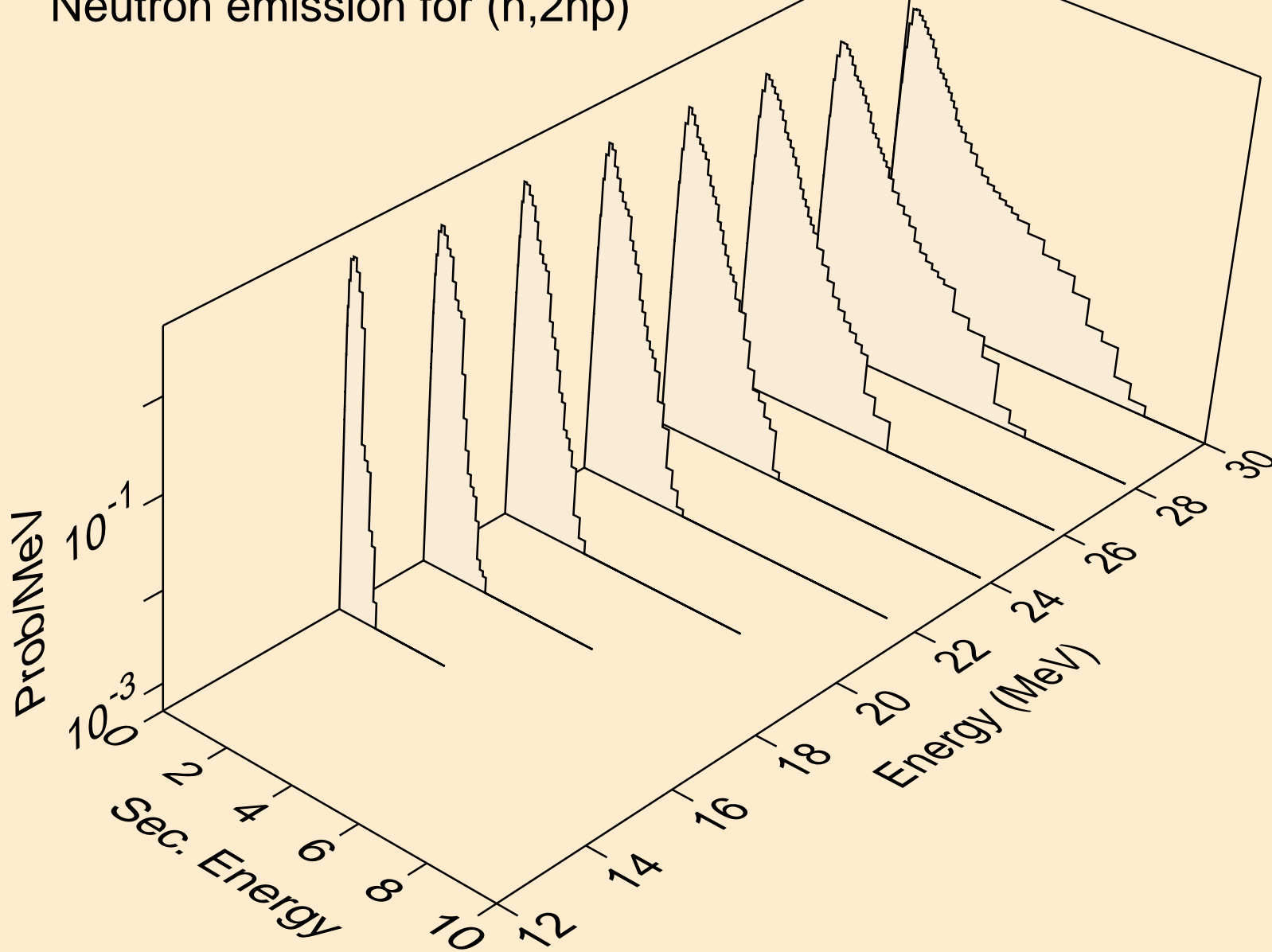
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



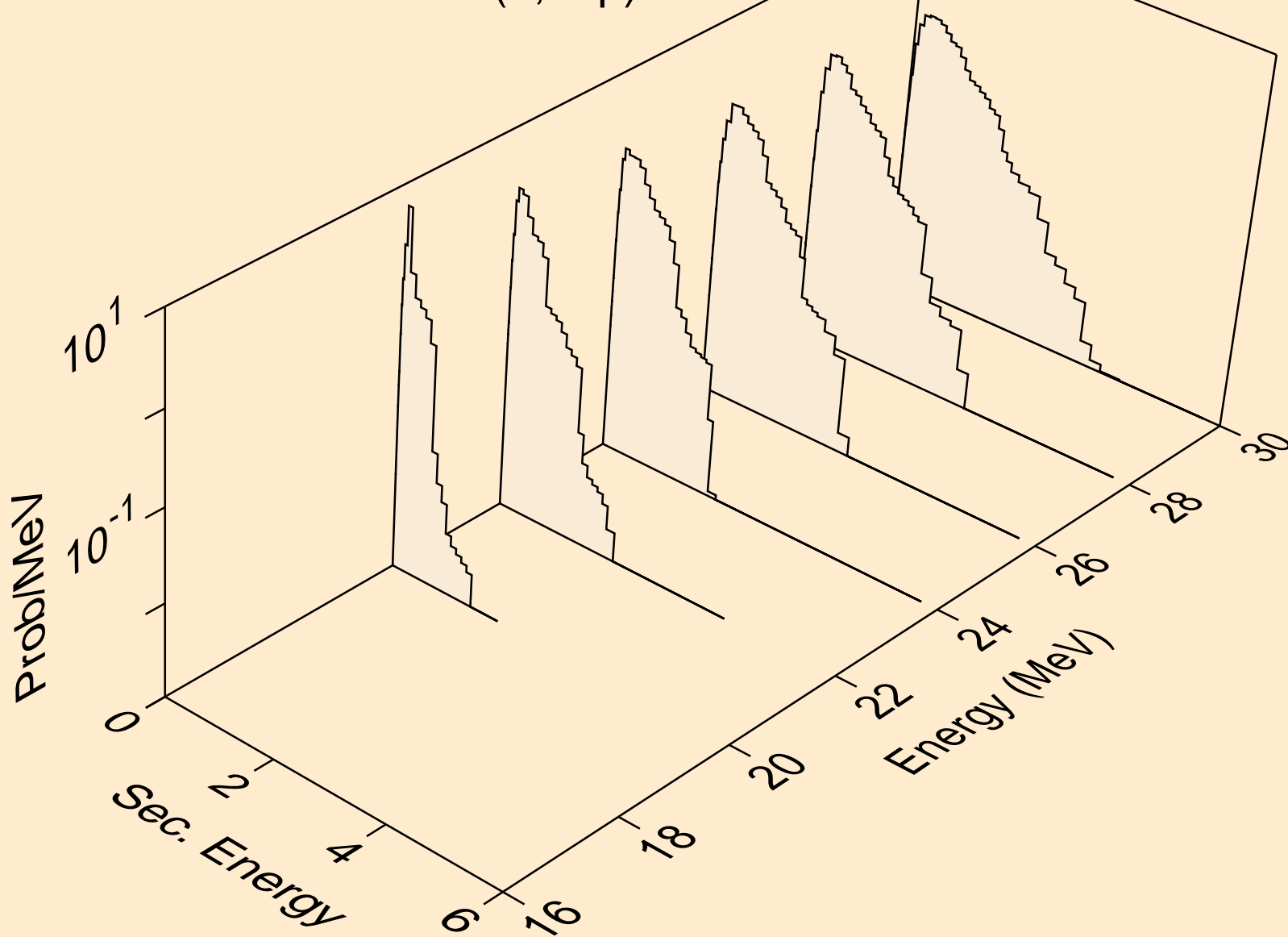
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



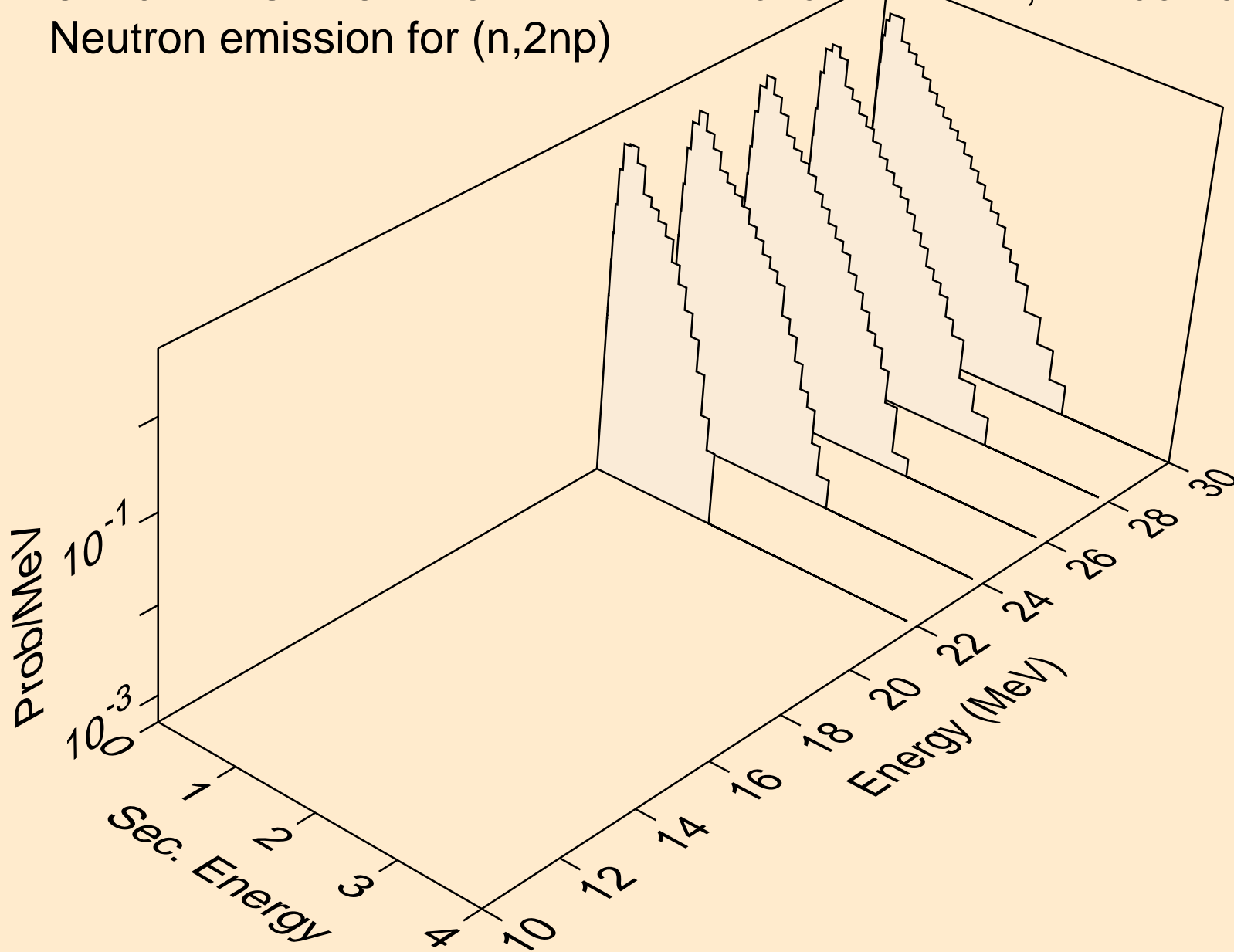
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



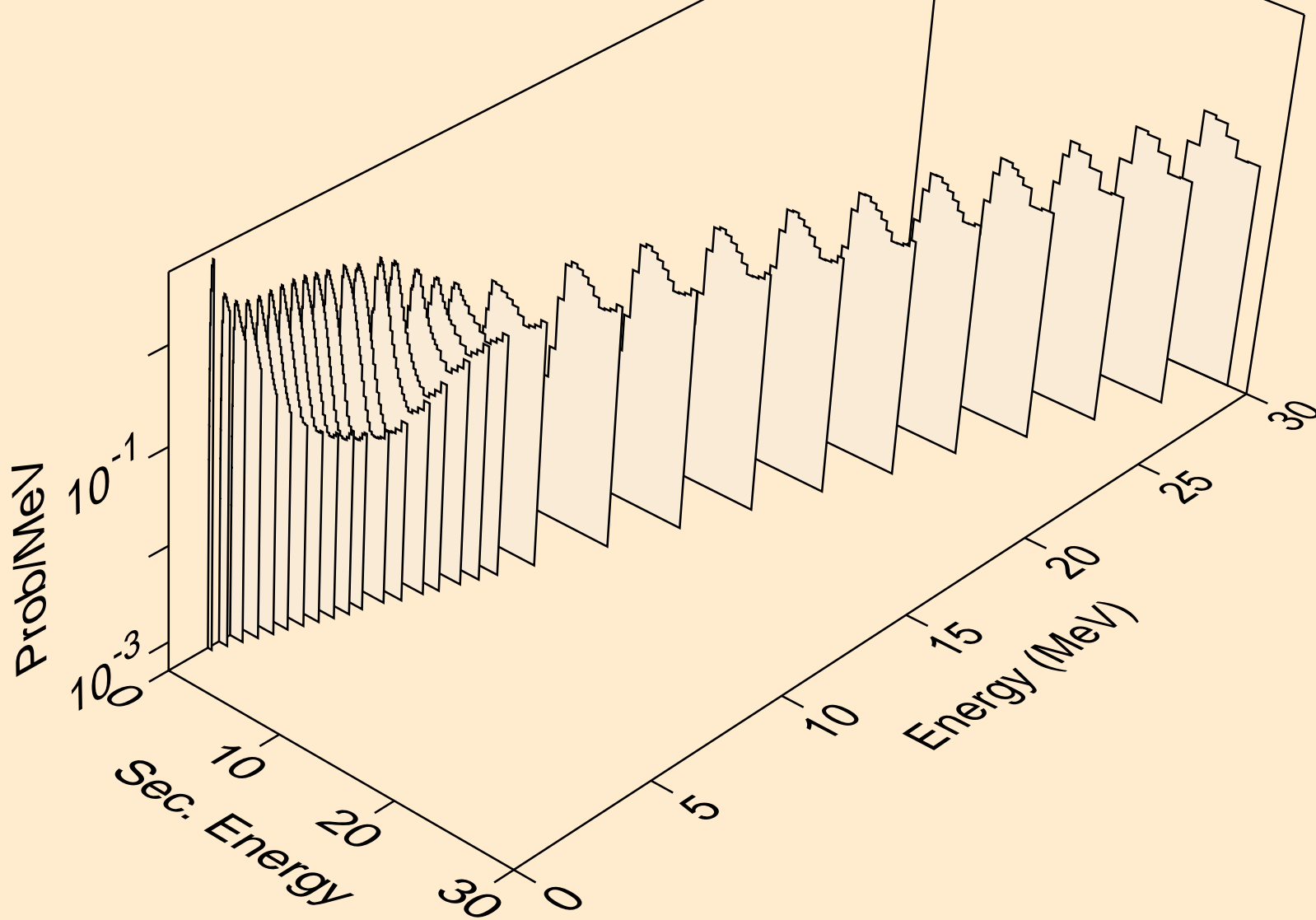
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



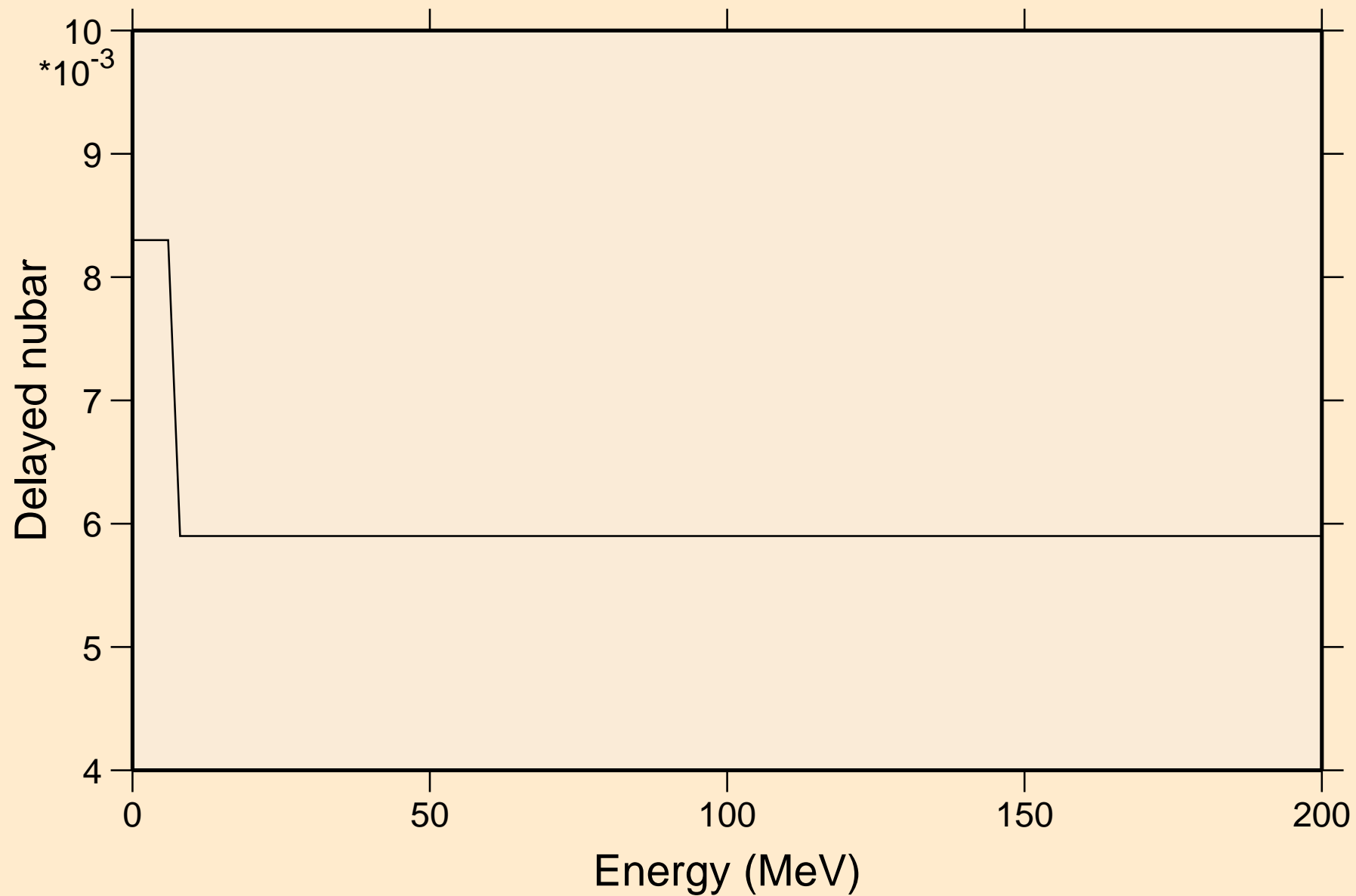
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)

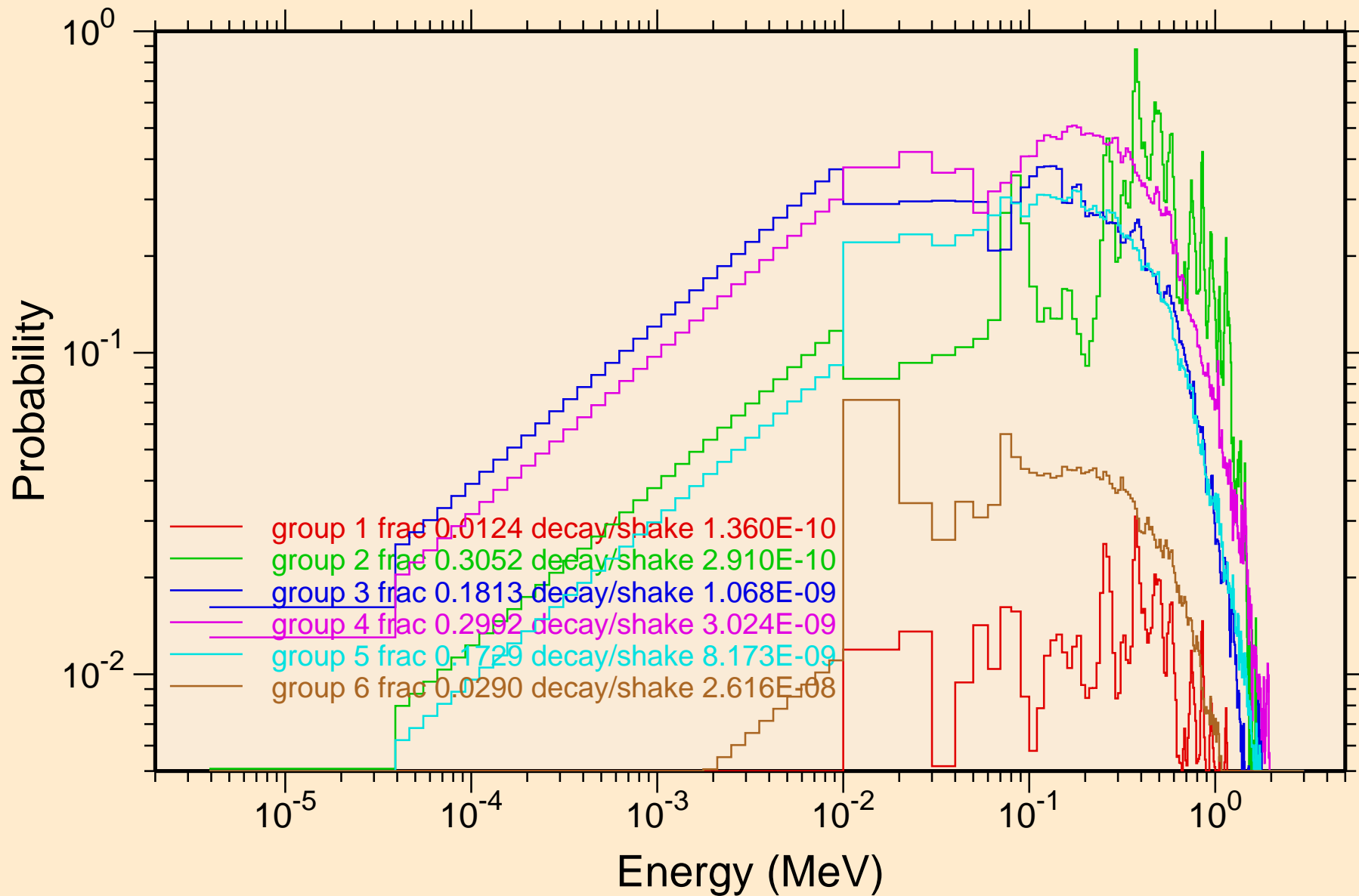


CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Delayed nubar

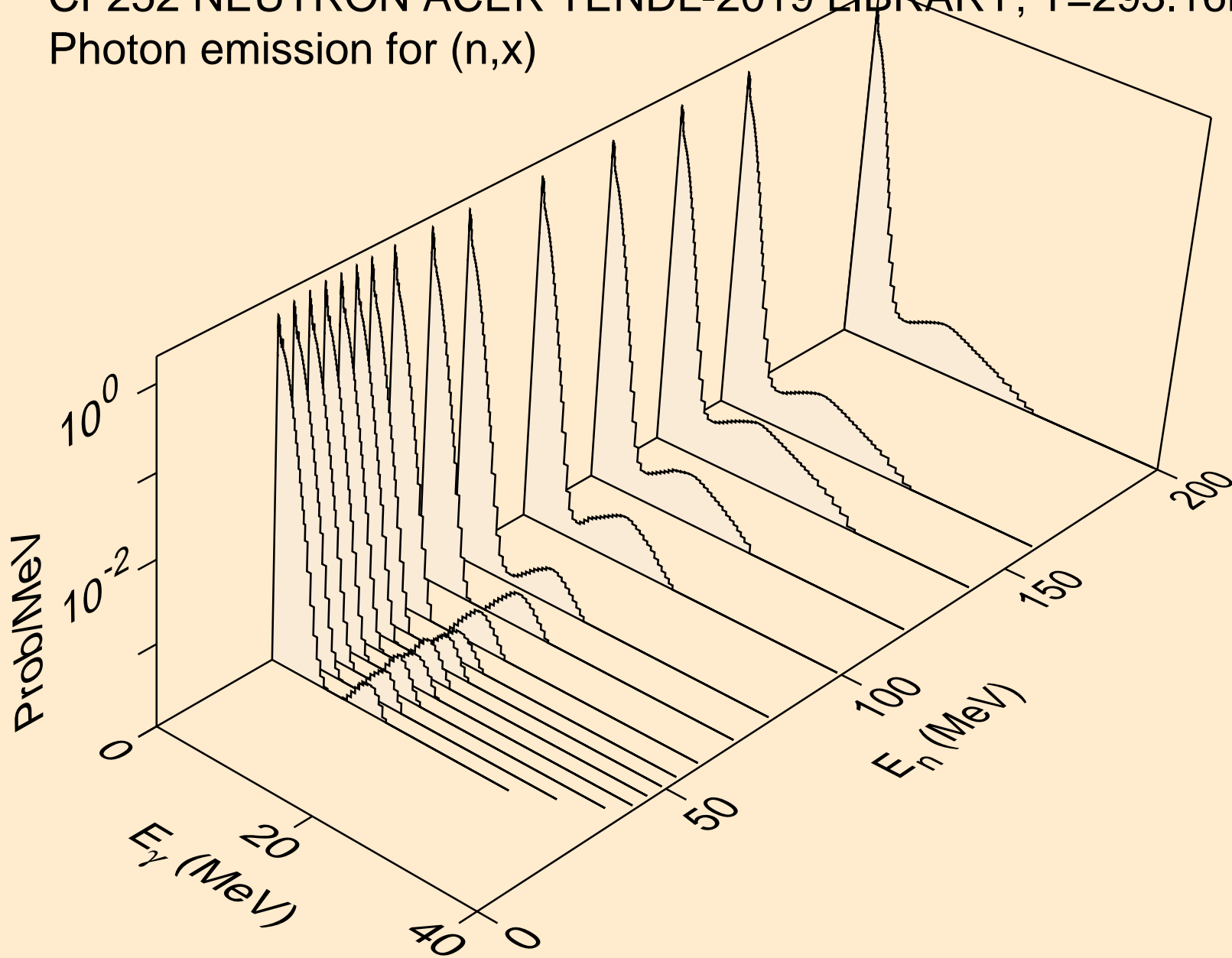


CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

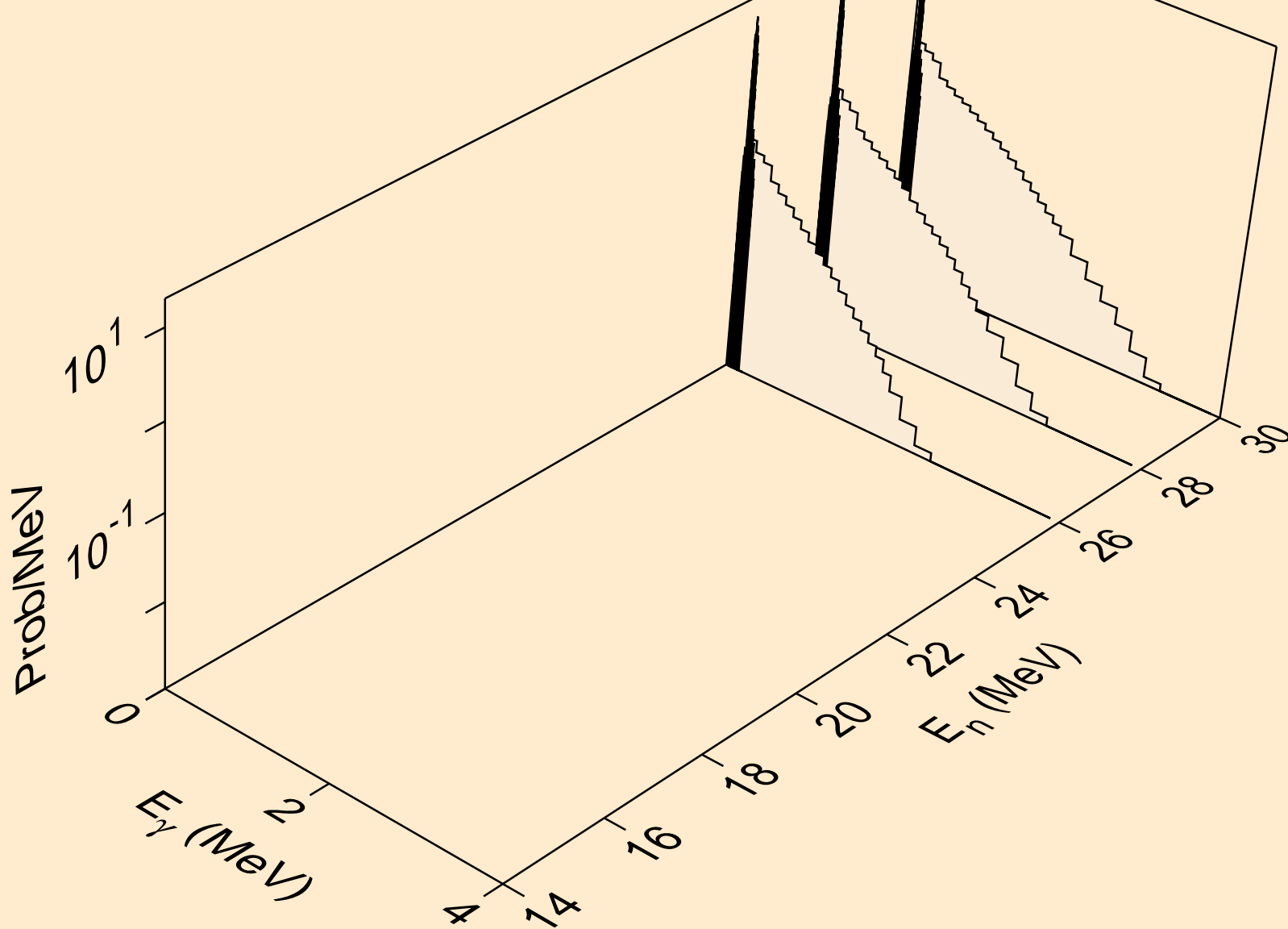
Delayed neutron spectra



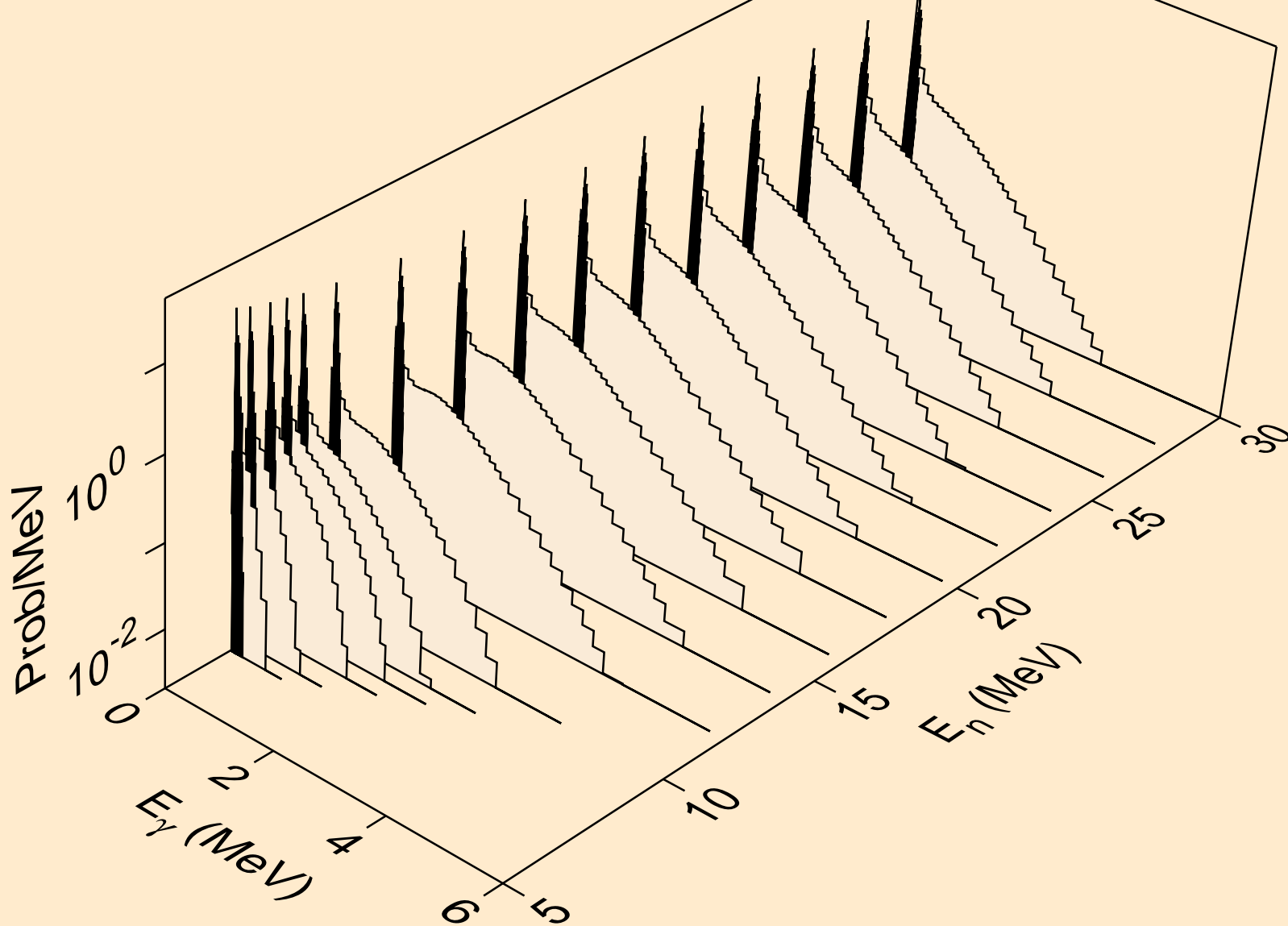
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



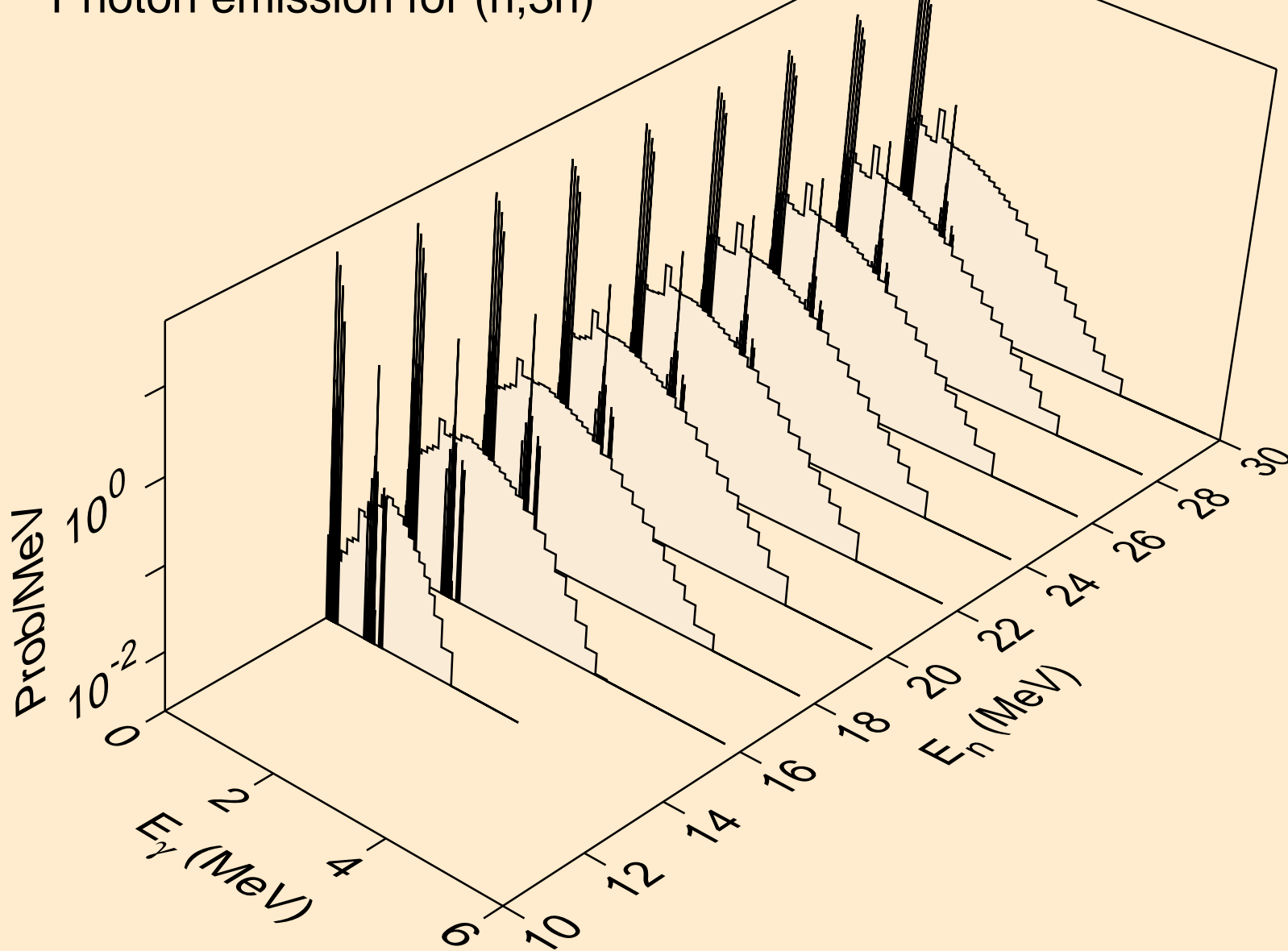
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



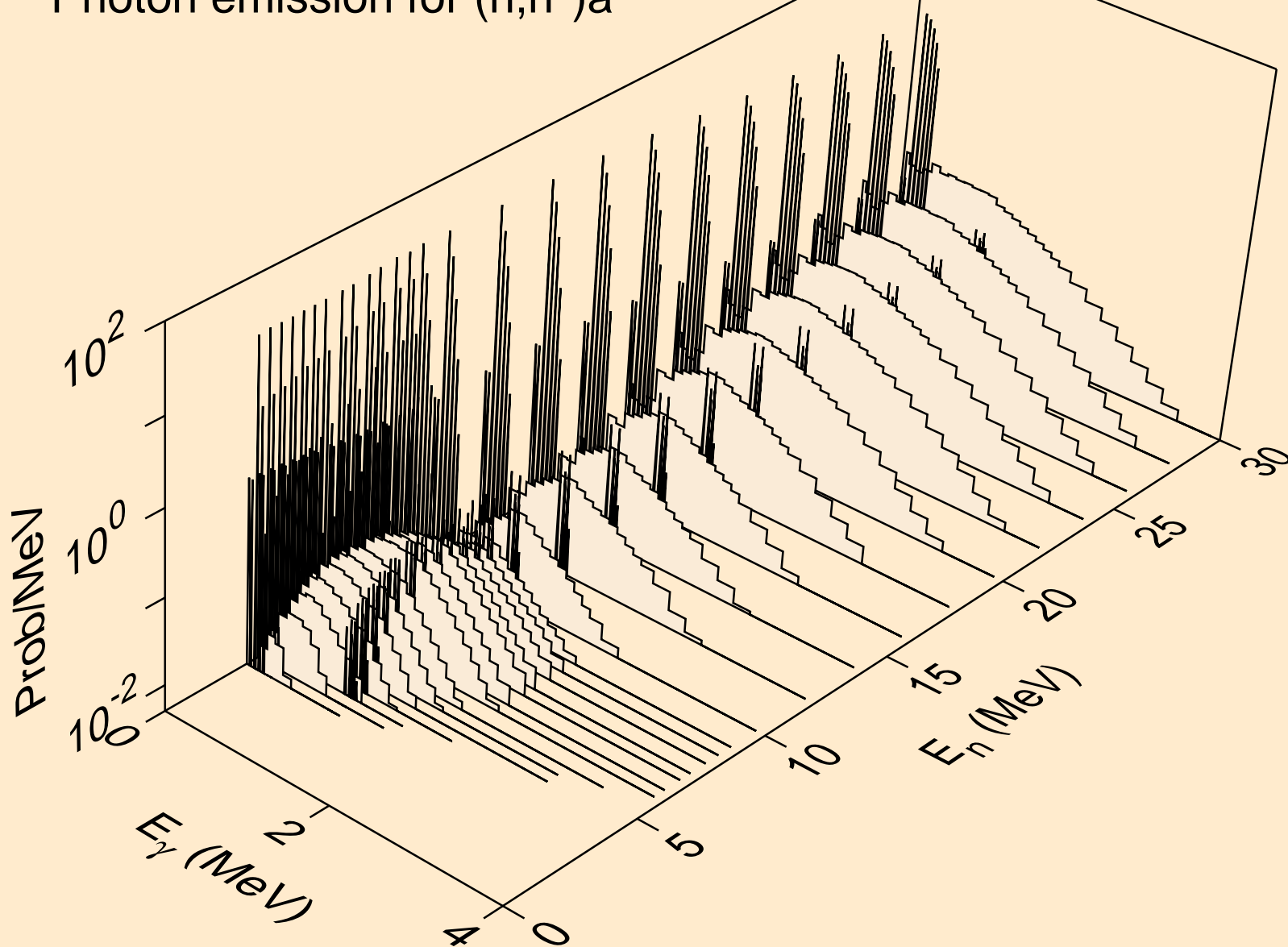
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



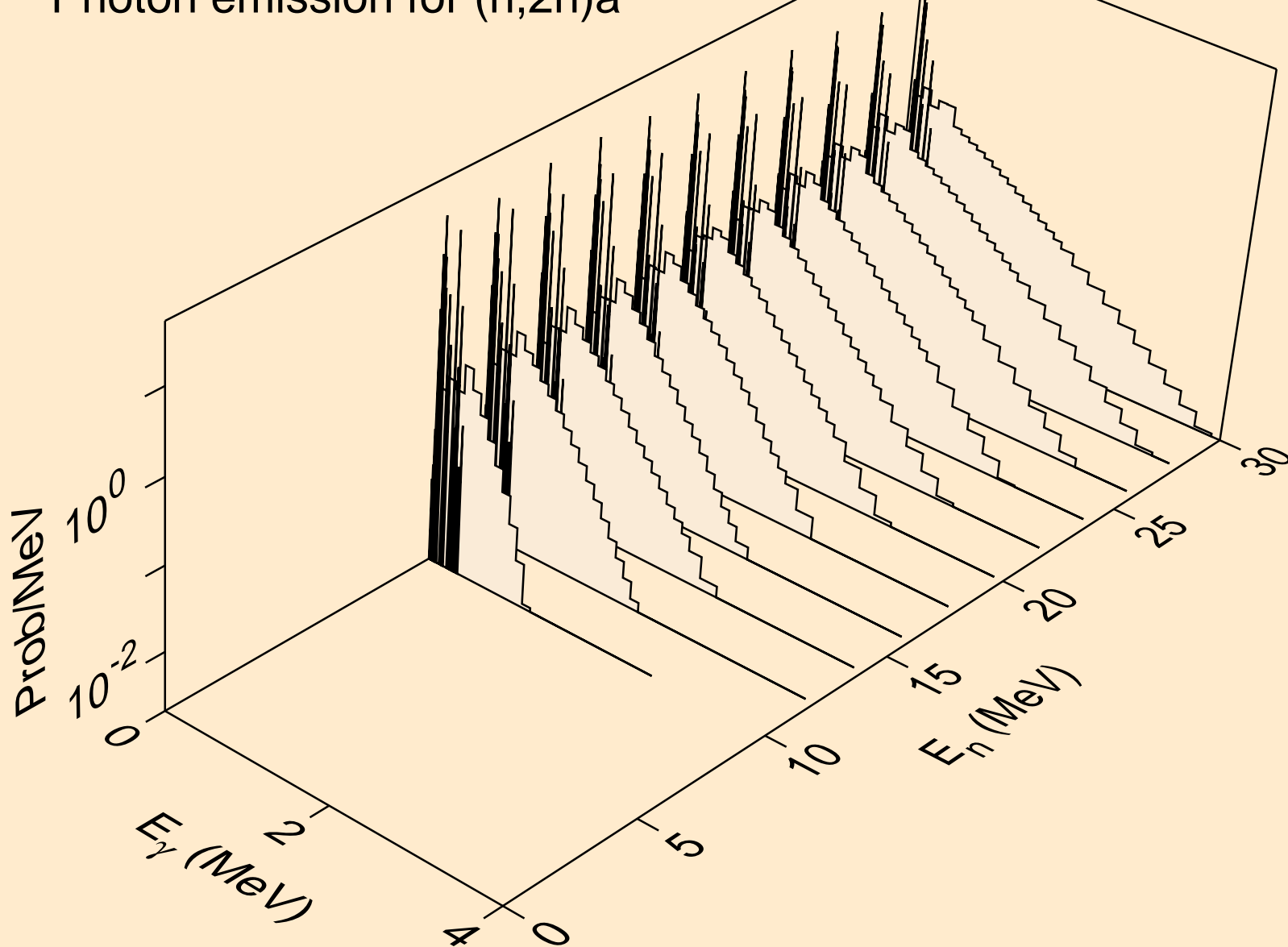
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



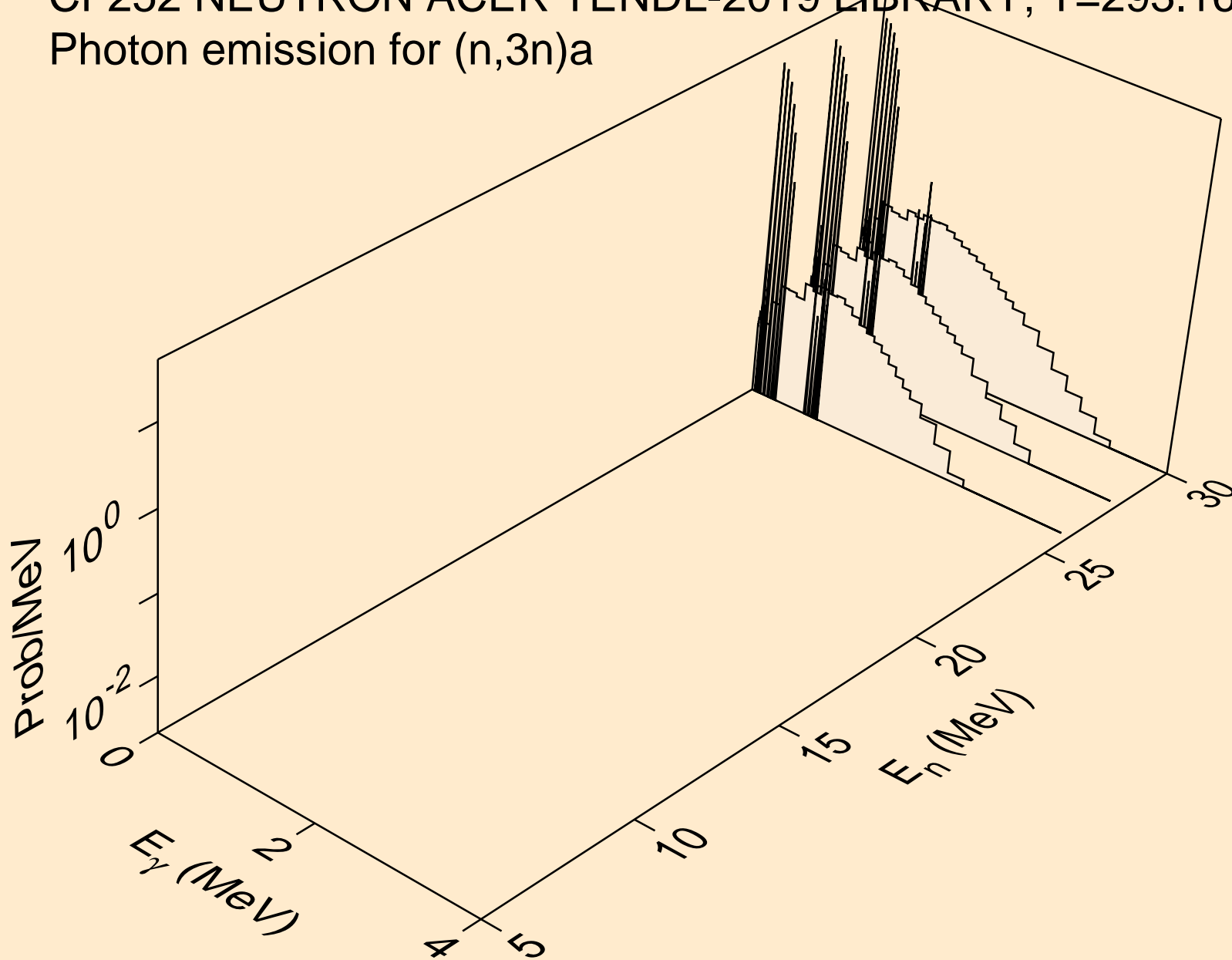
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



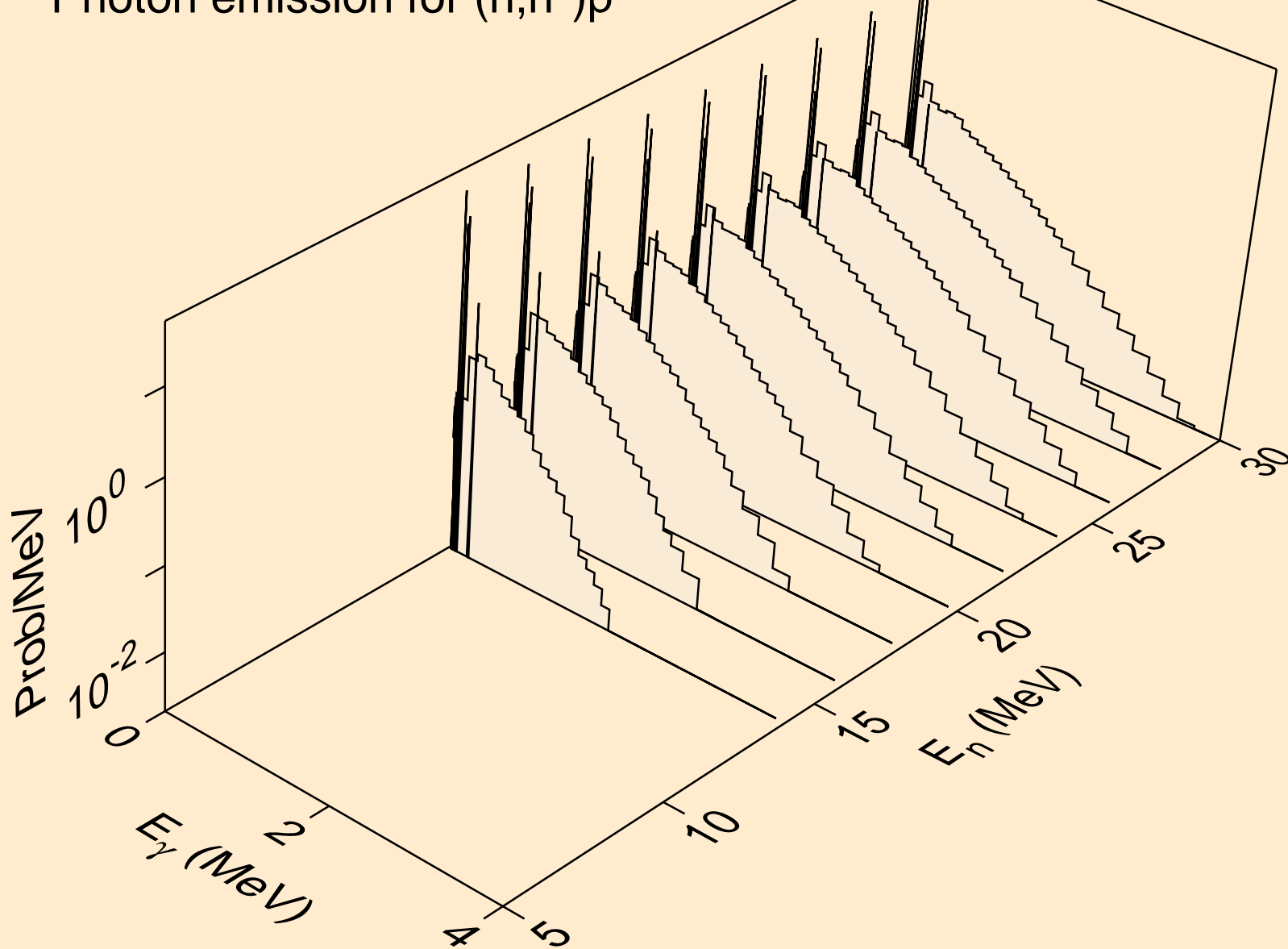
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



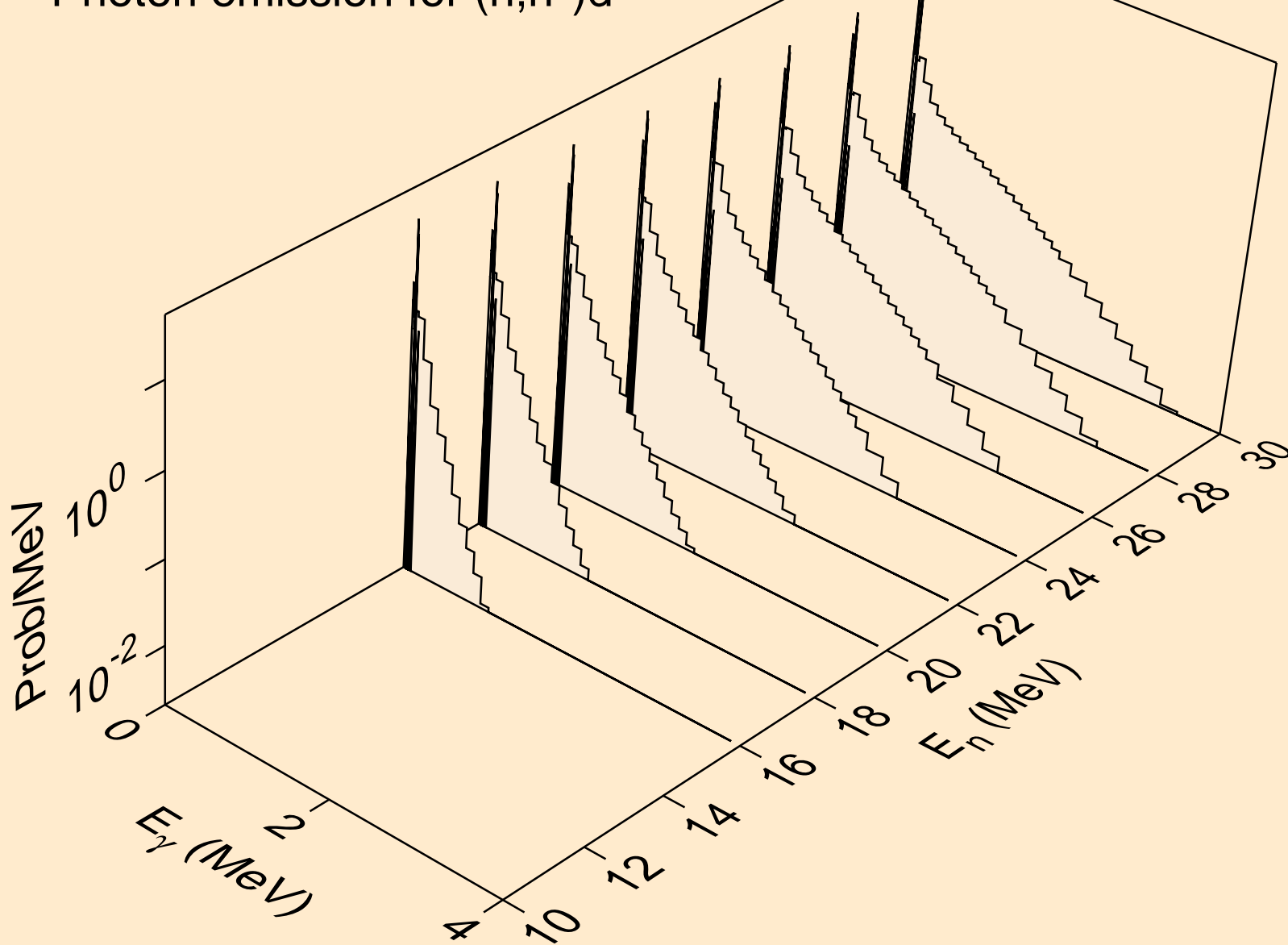
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



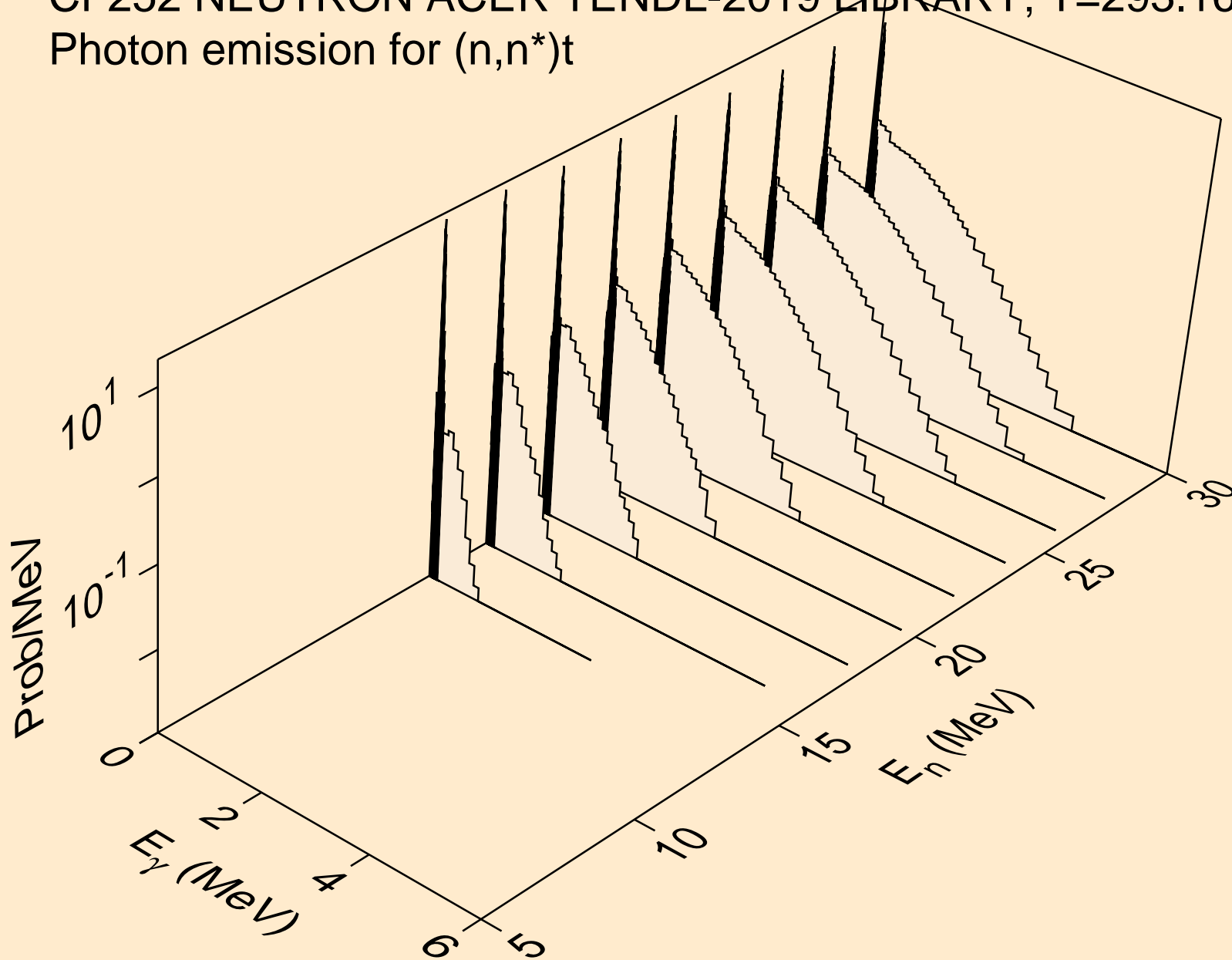
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



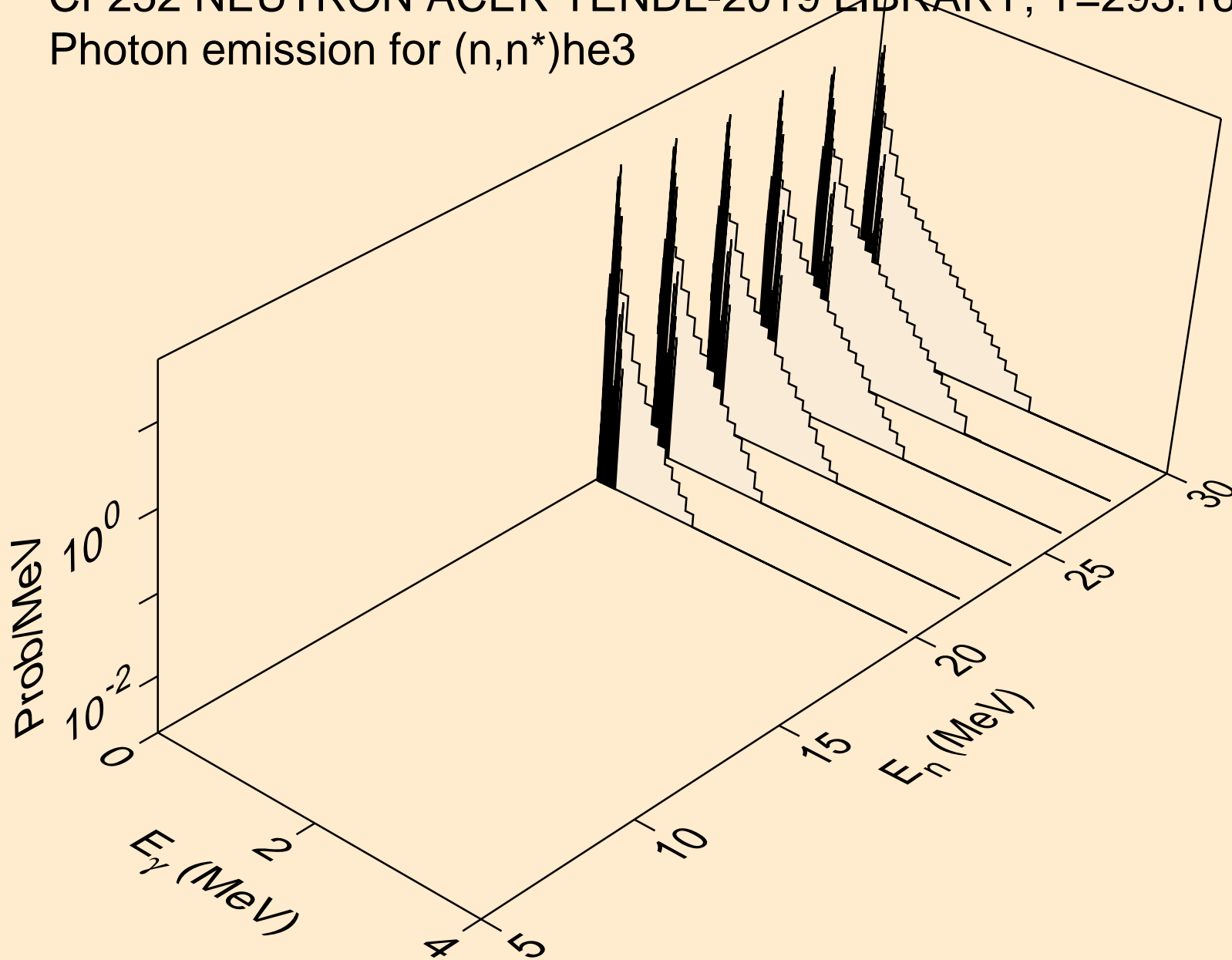
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



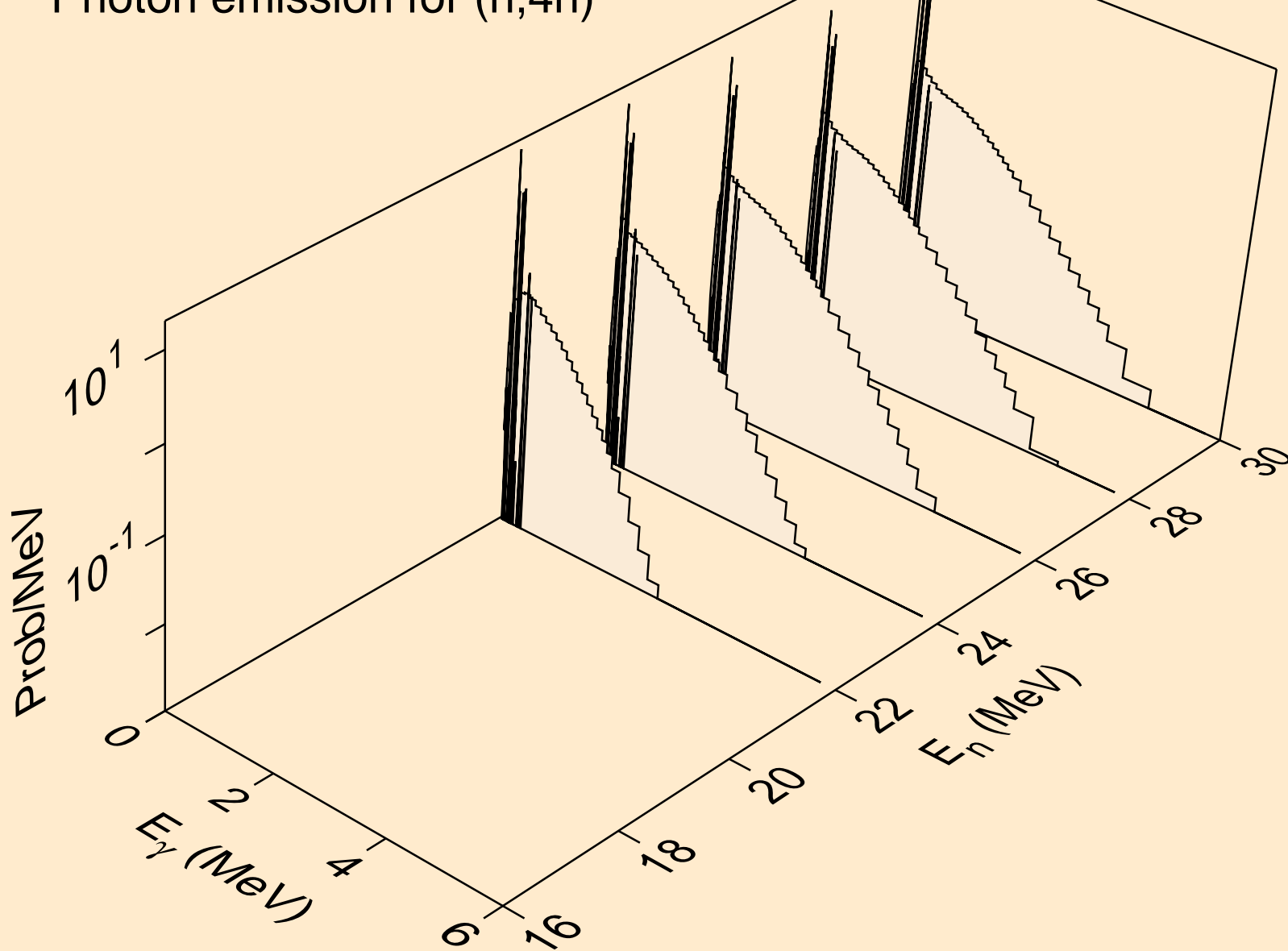
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



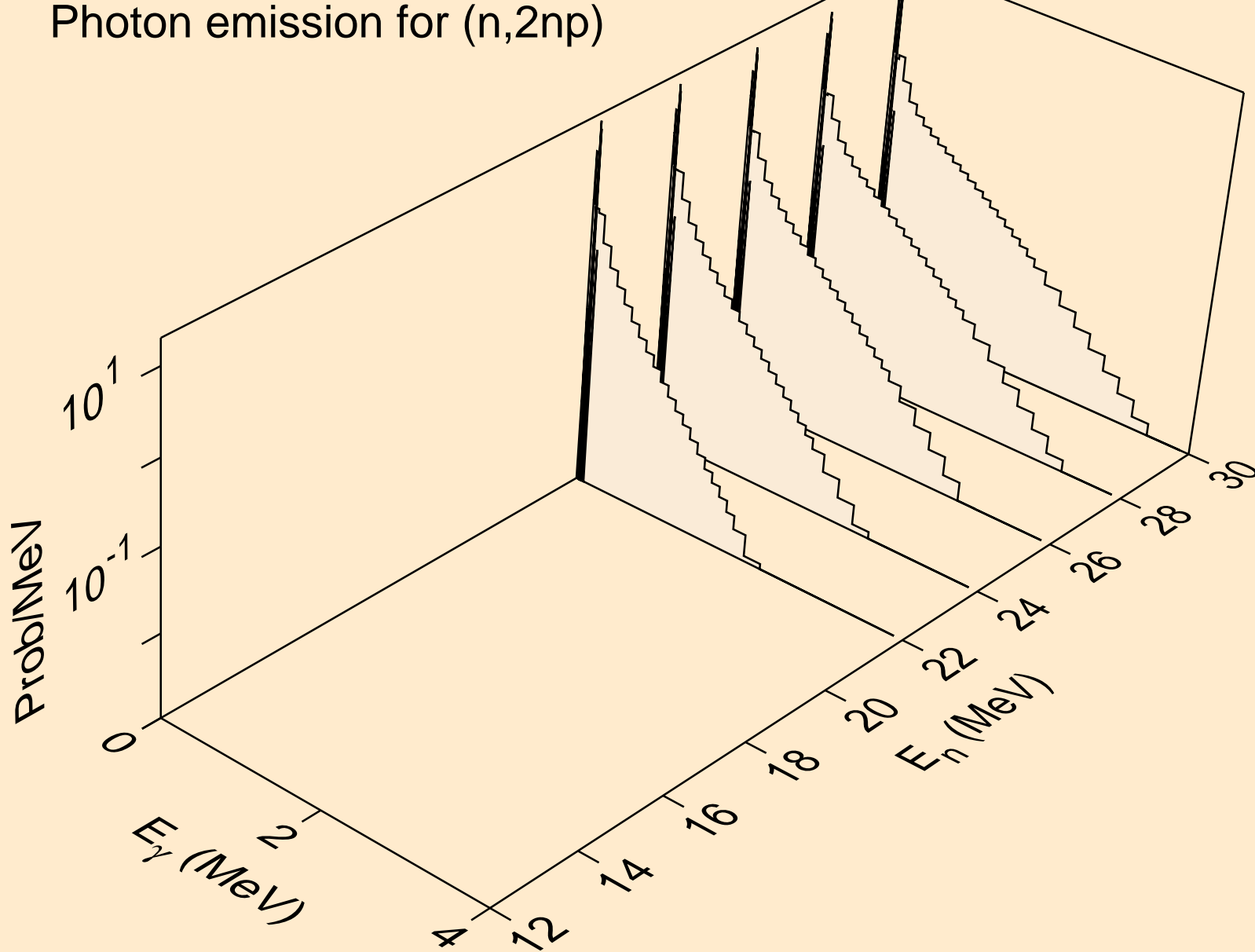
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



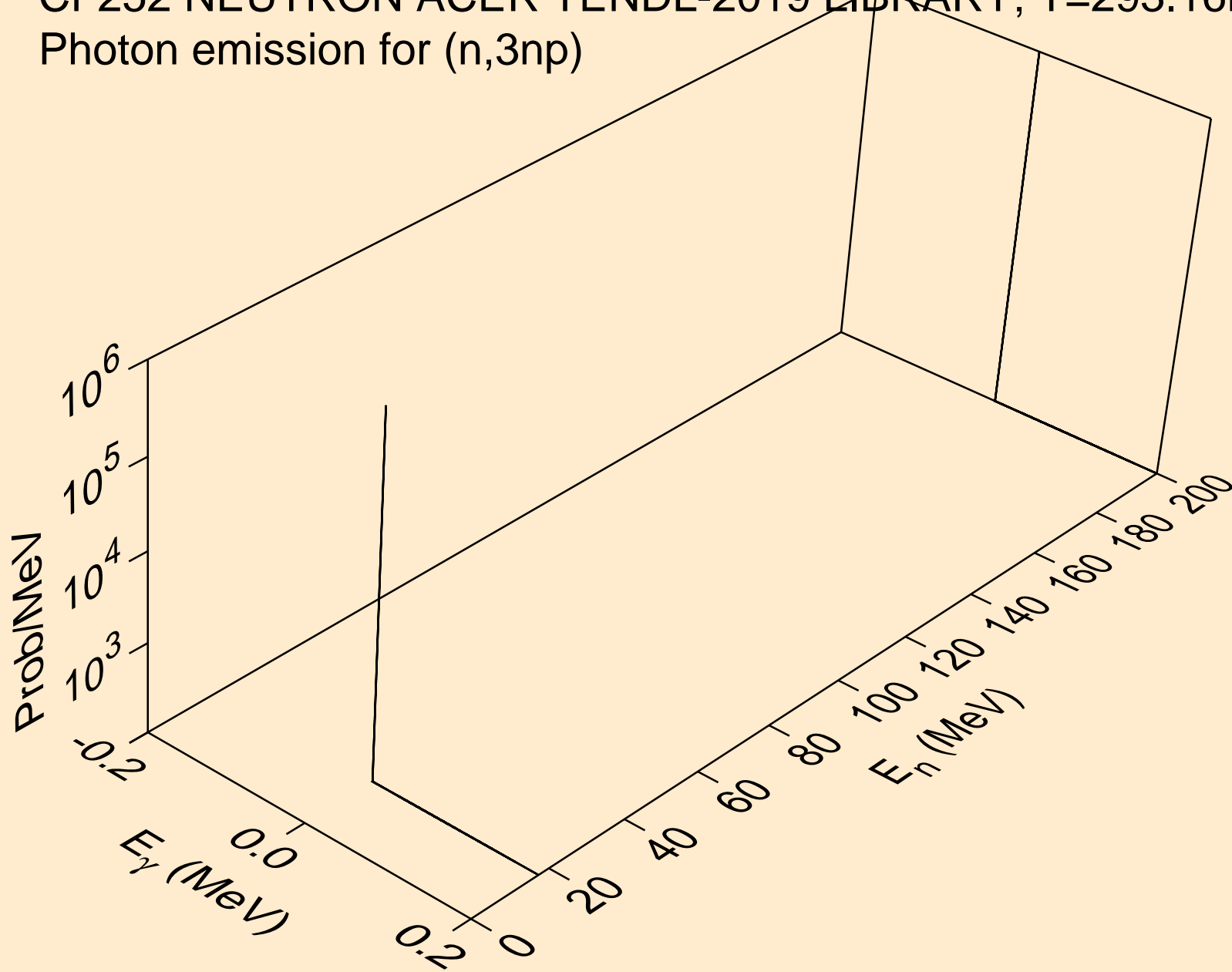
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



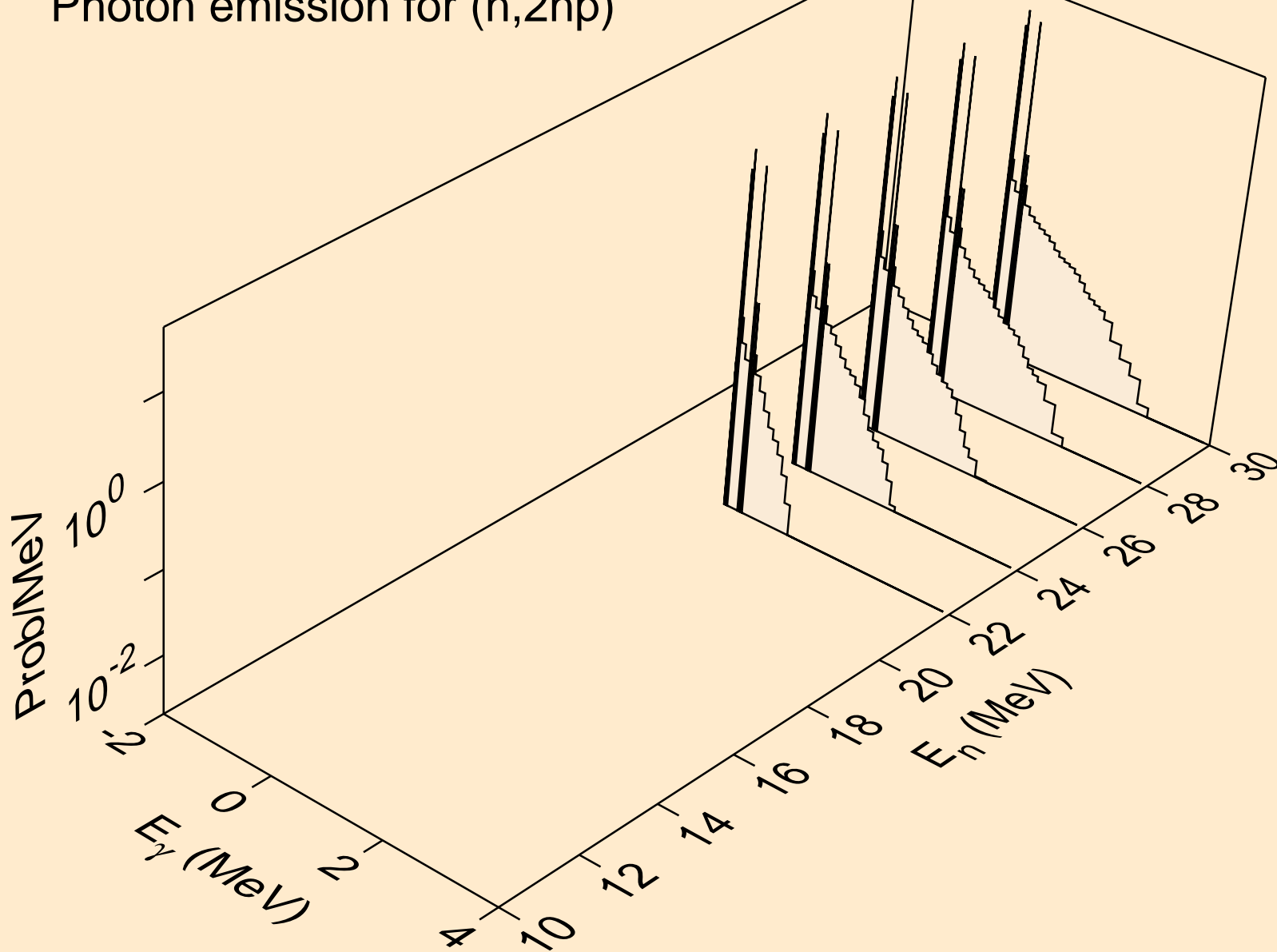
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



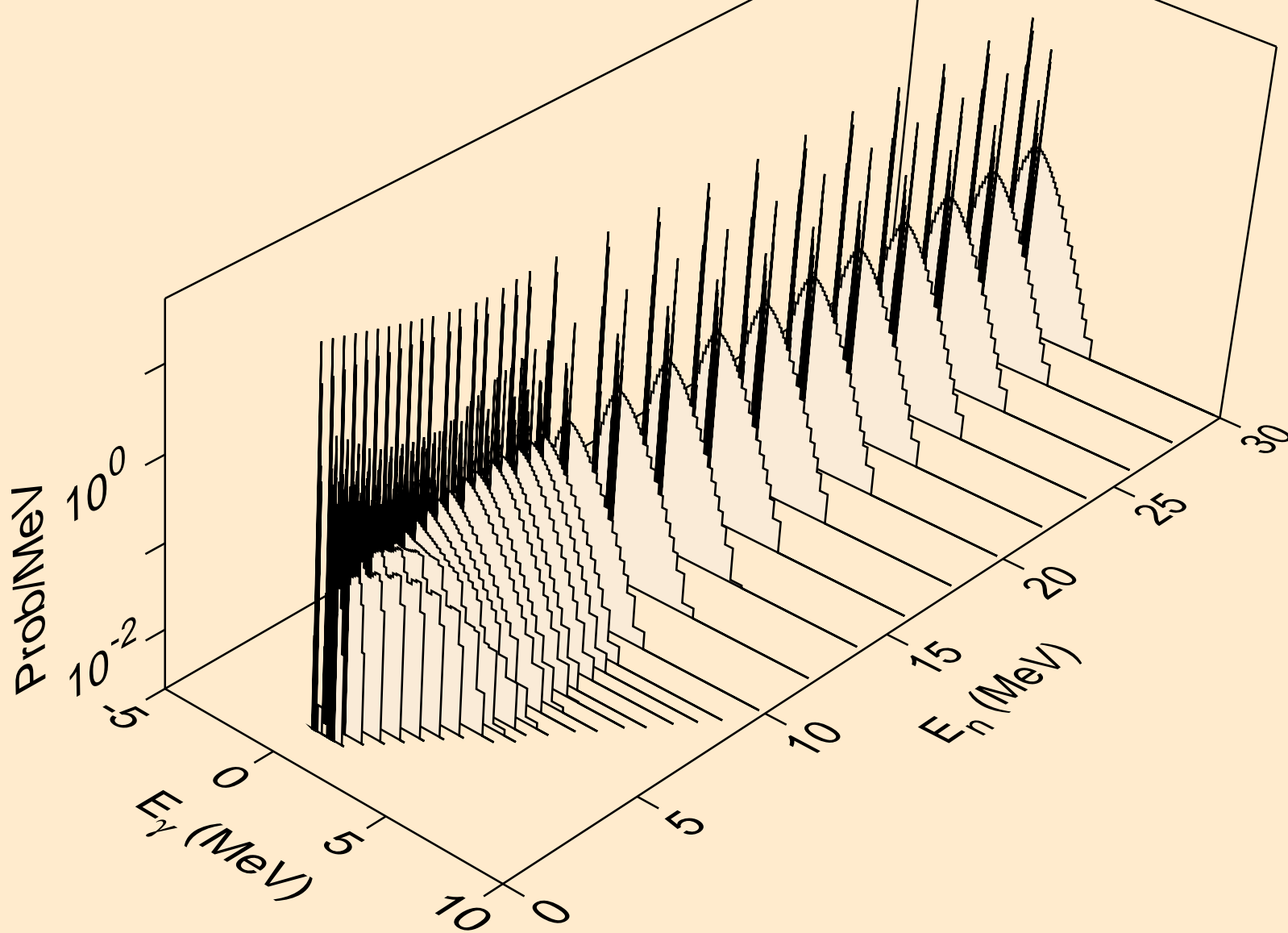
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



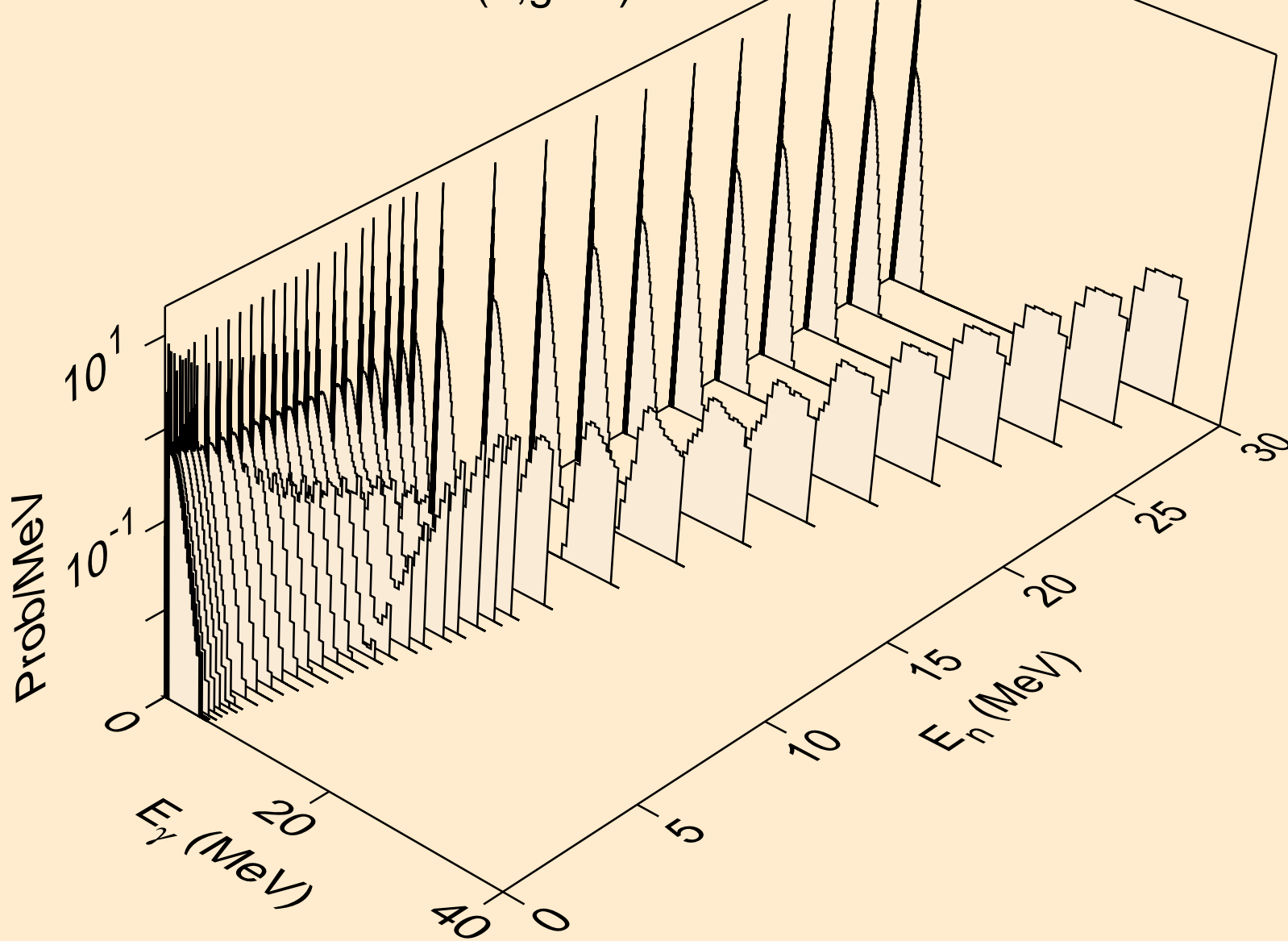
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



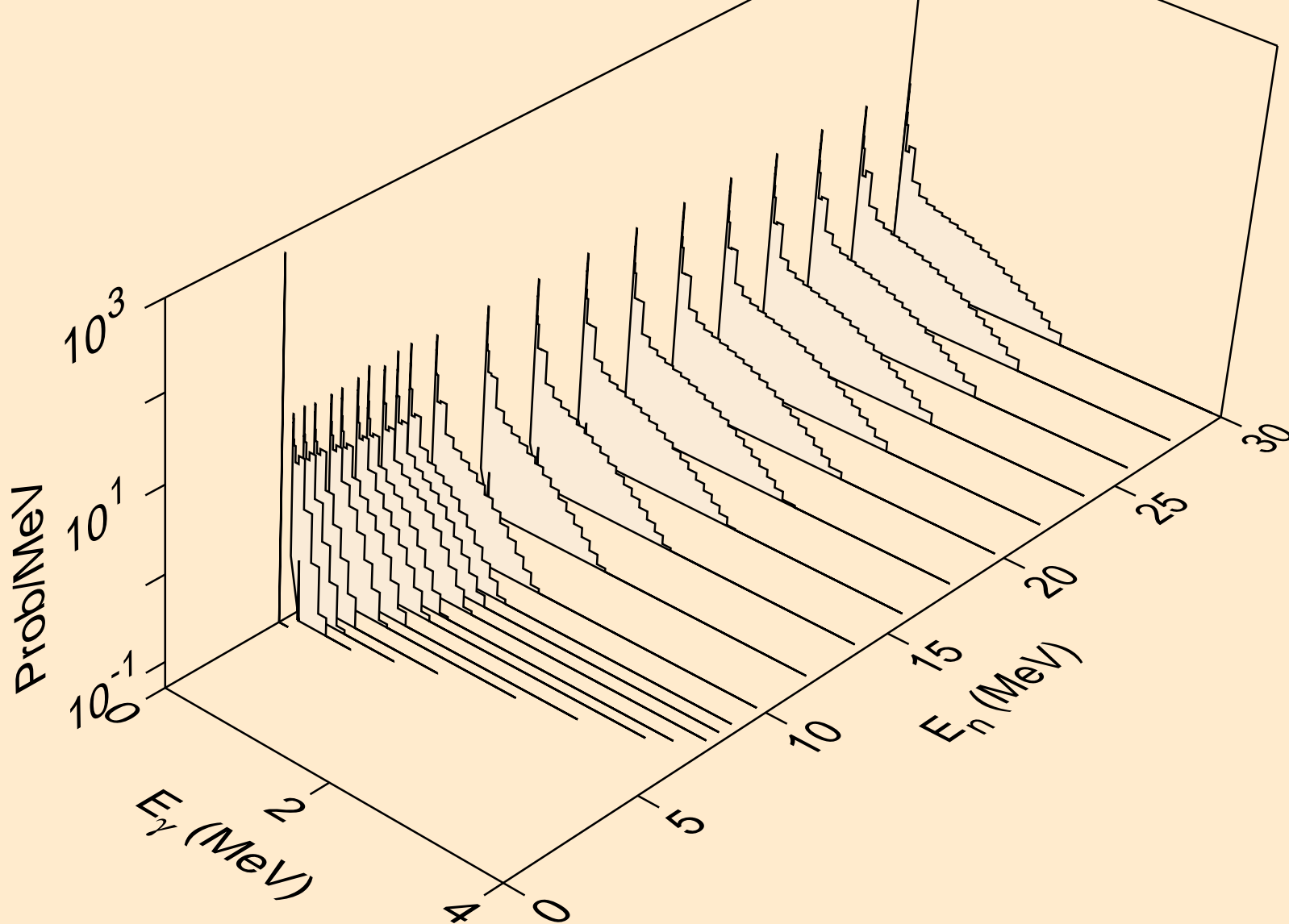
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



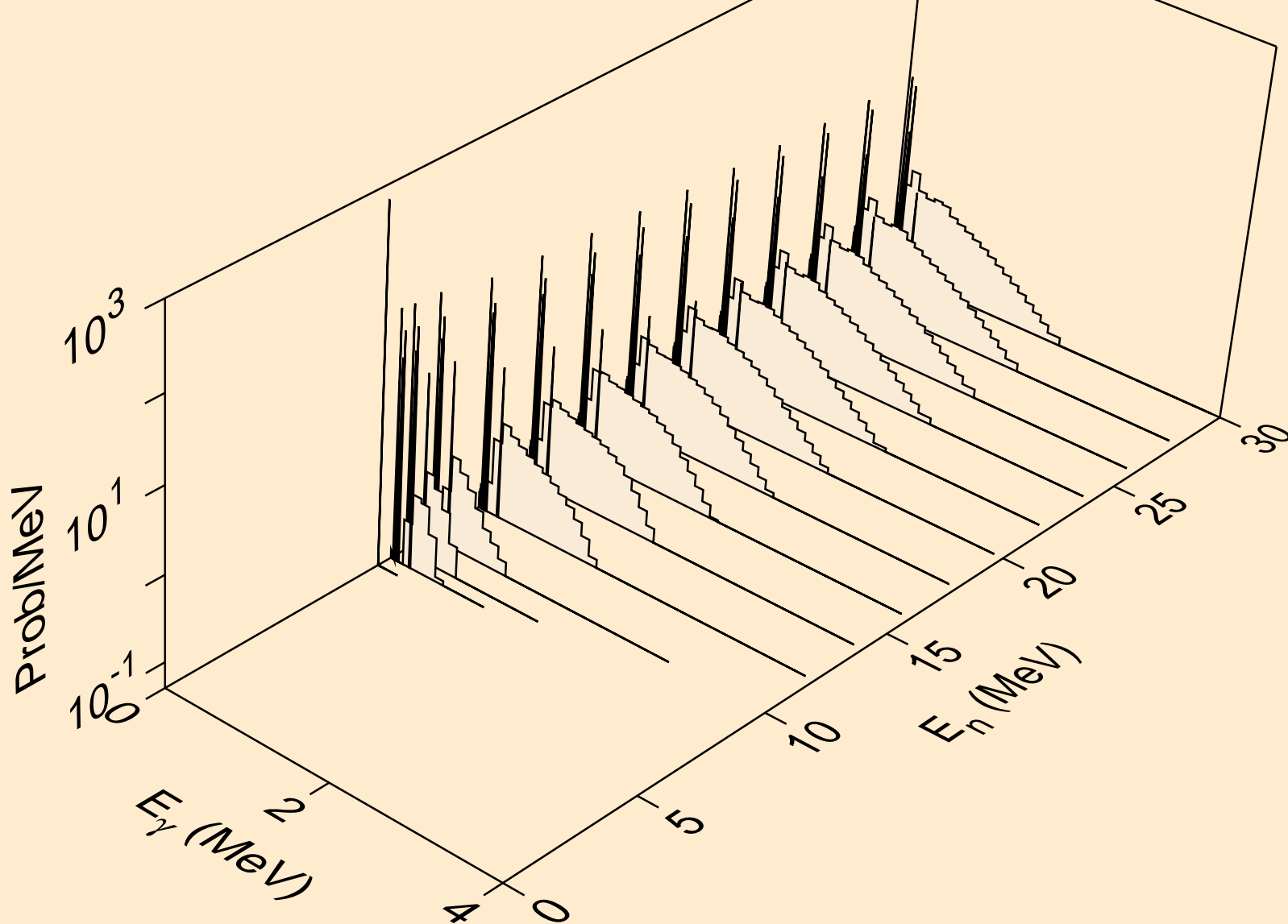
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



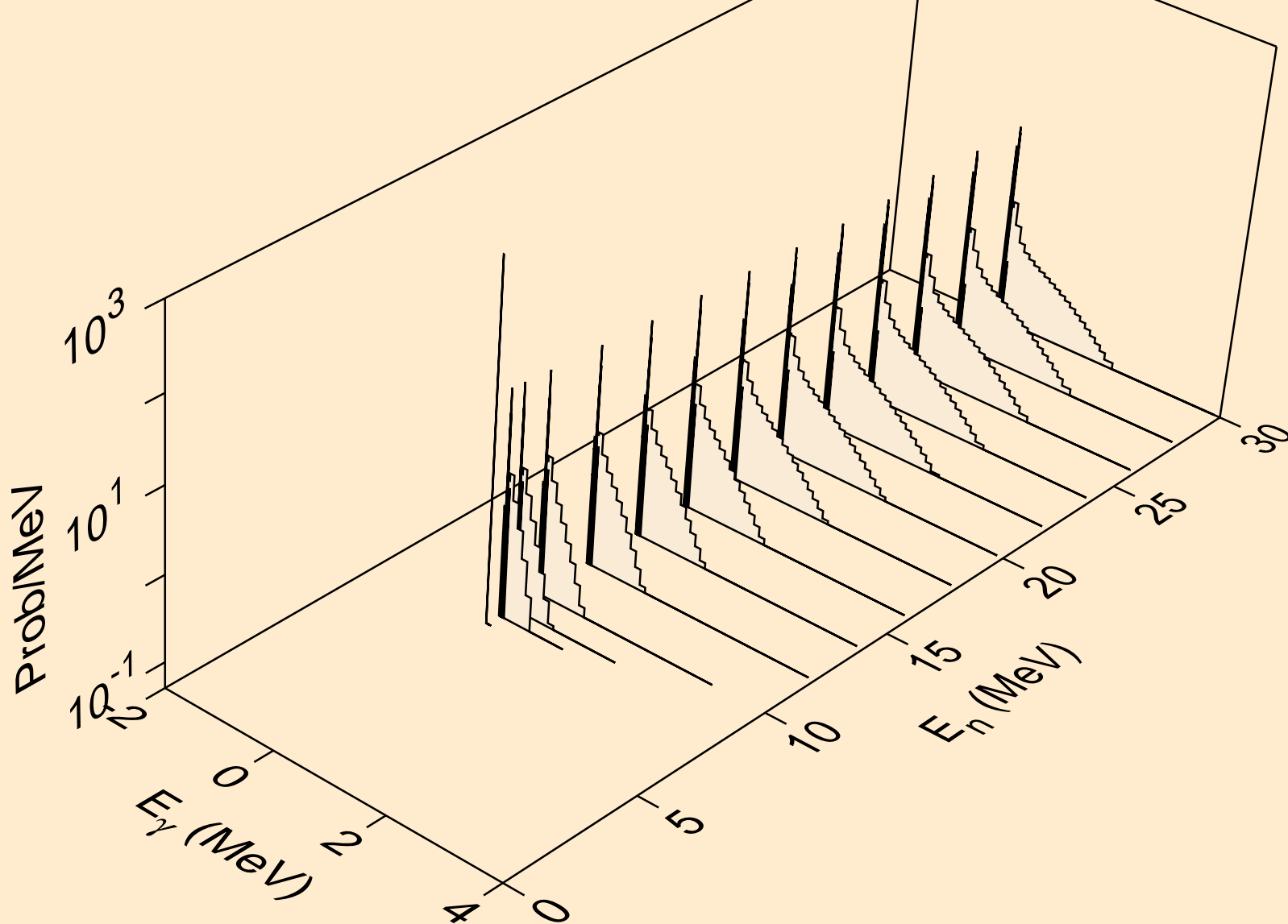
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Photon emission for (n,p)



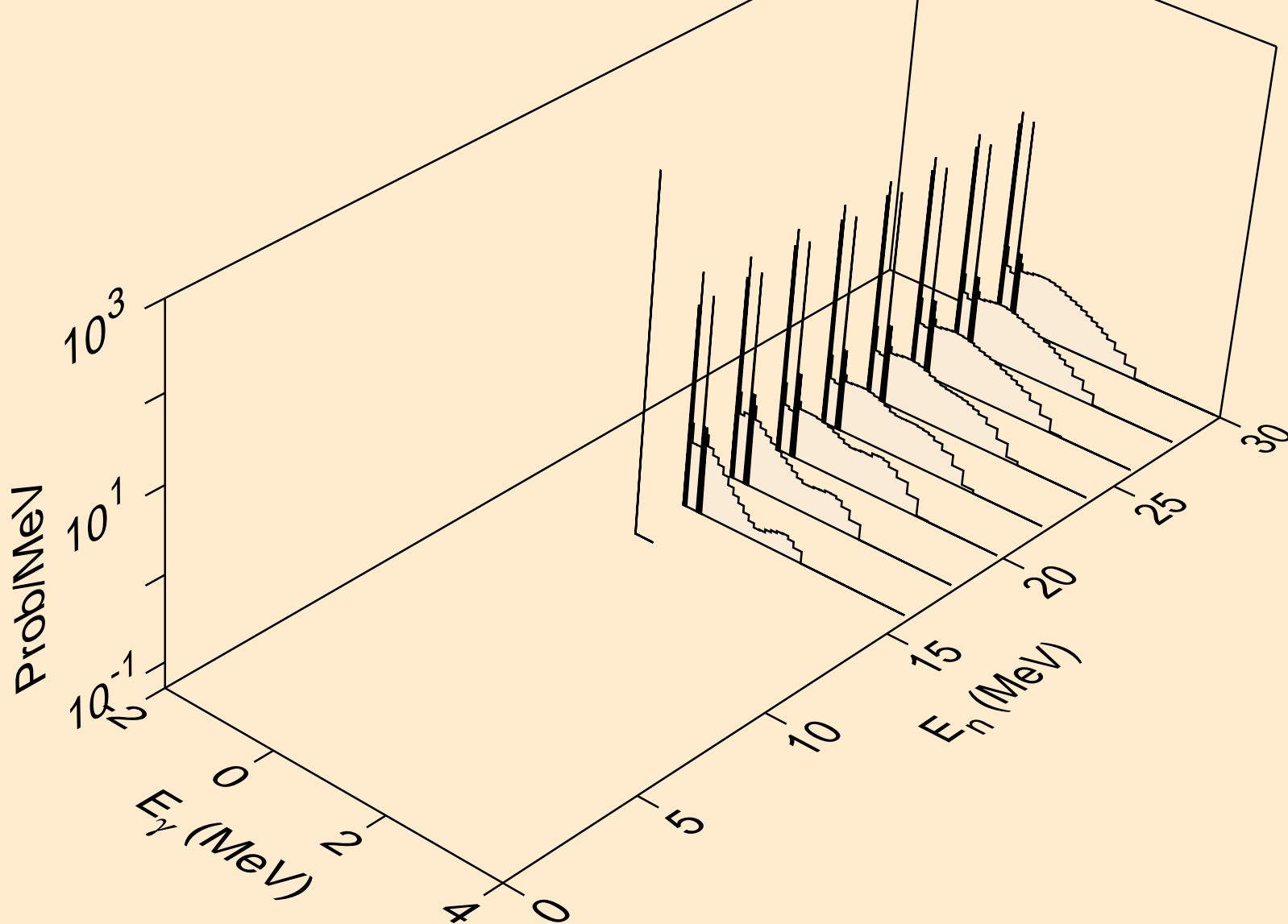
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Photon emission for (n,d)



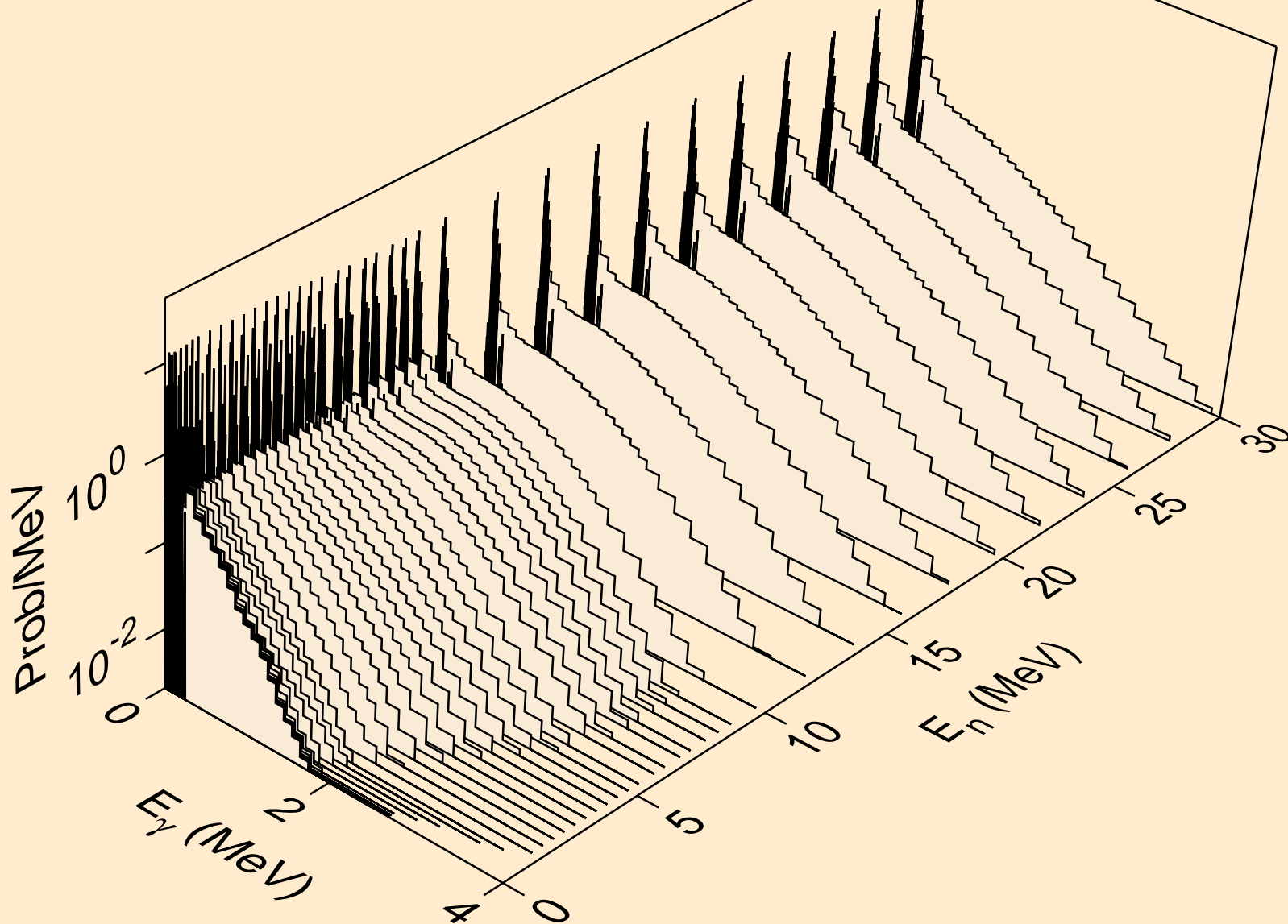
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Photon emission for (n,t)



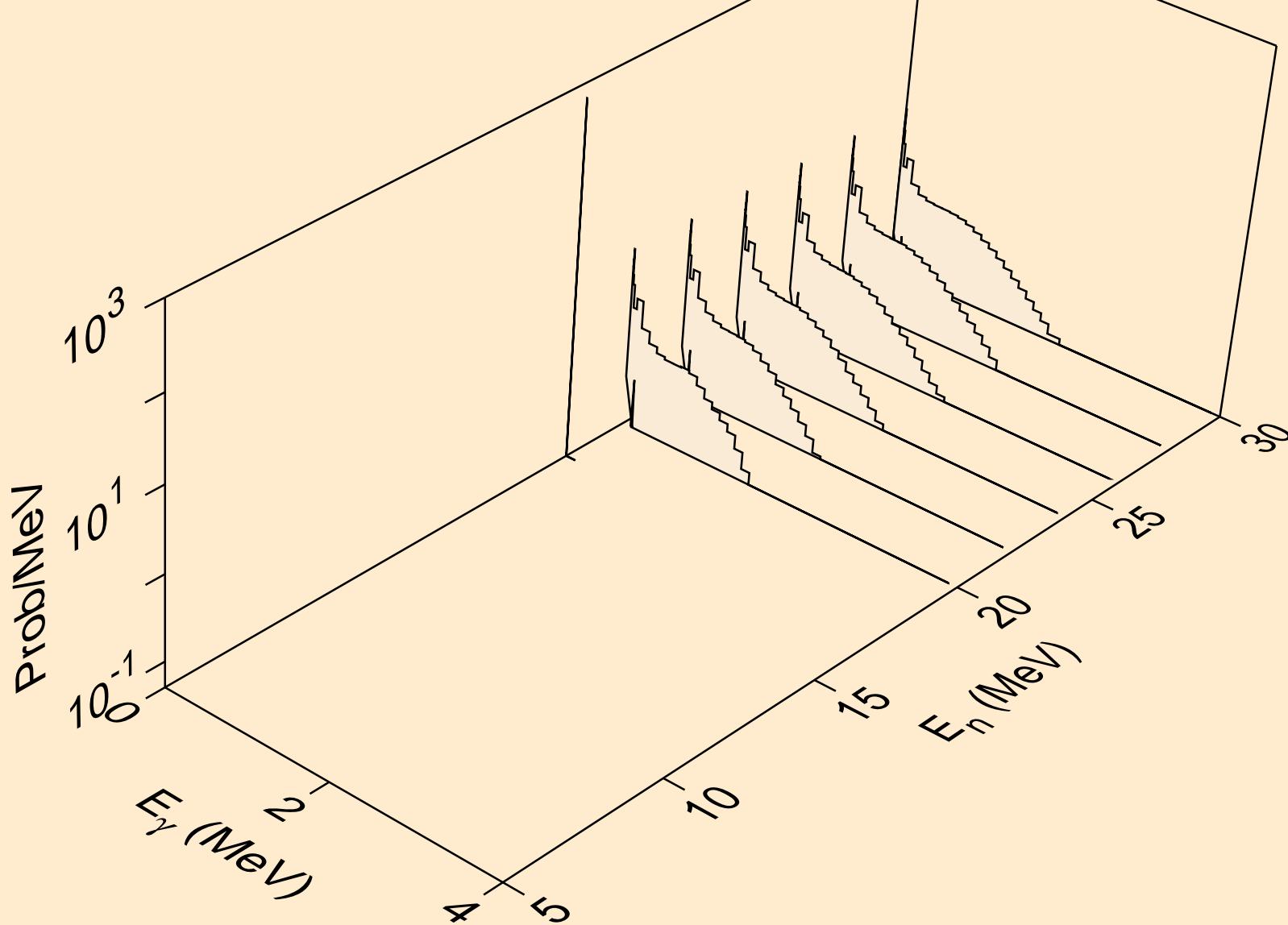
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Photon emission for (n,he3)



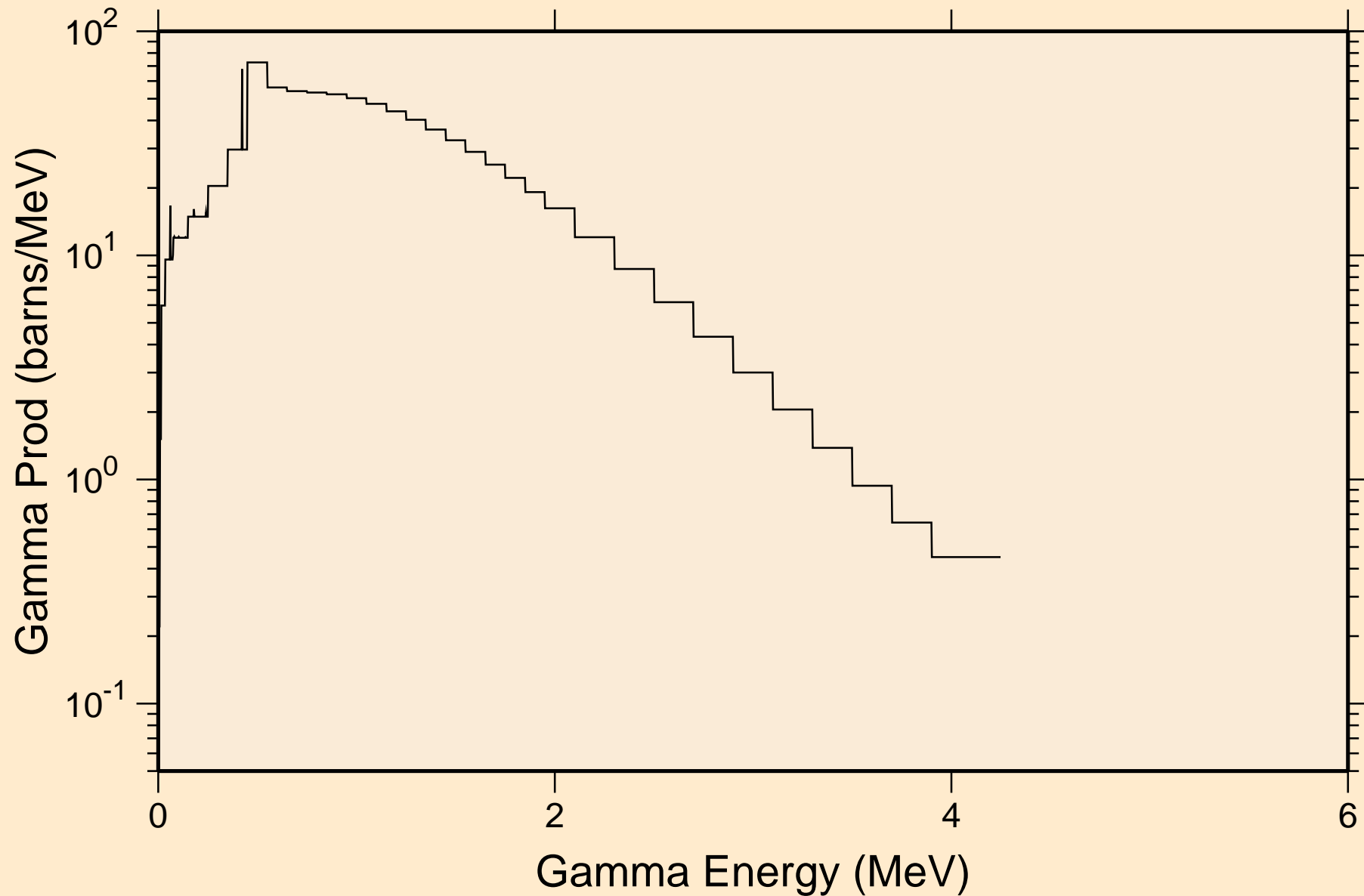
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Photon emission for (n,a)



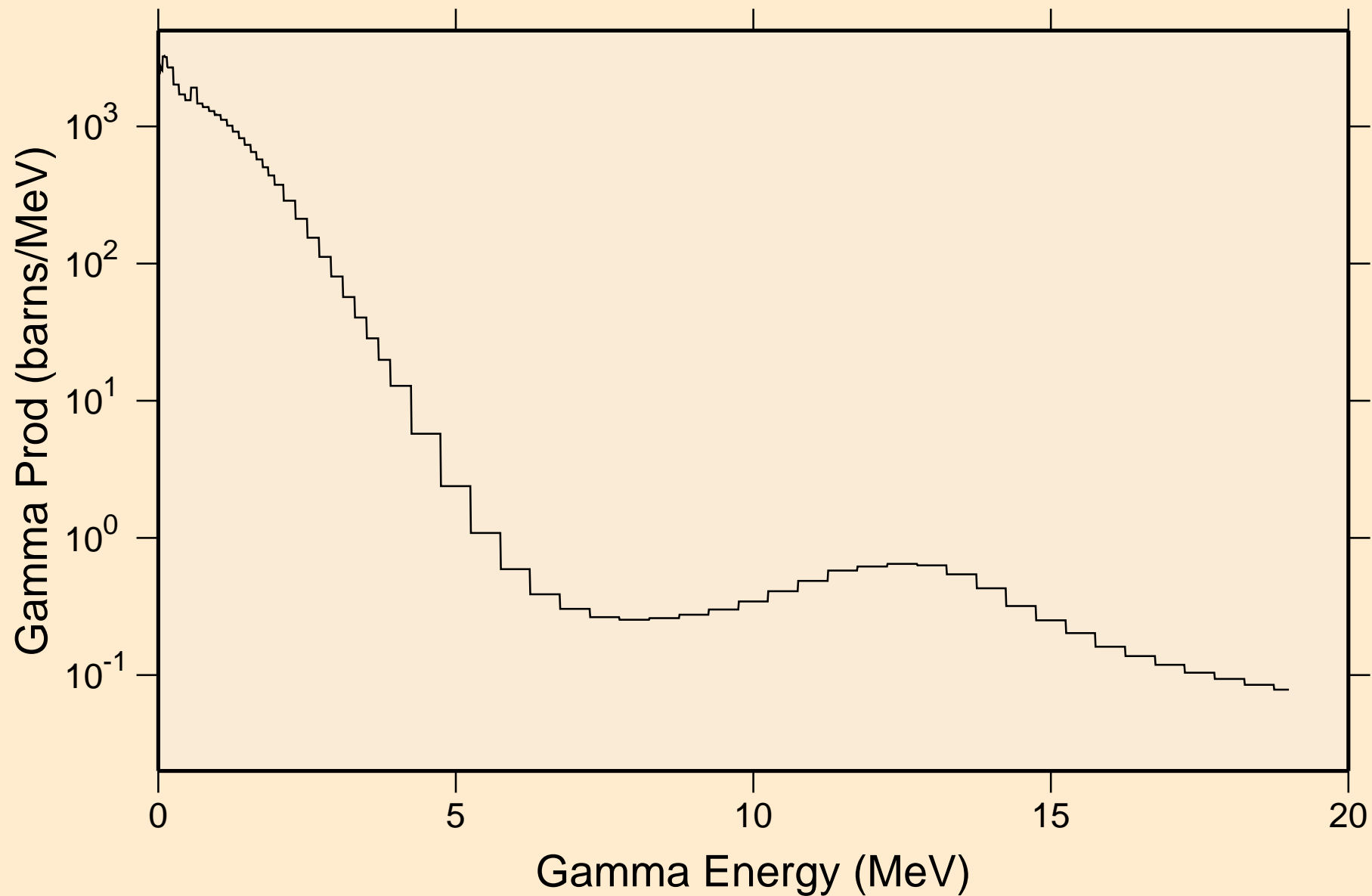
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

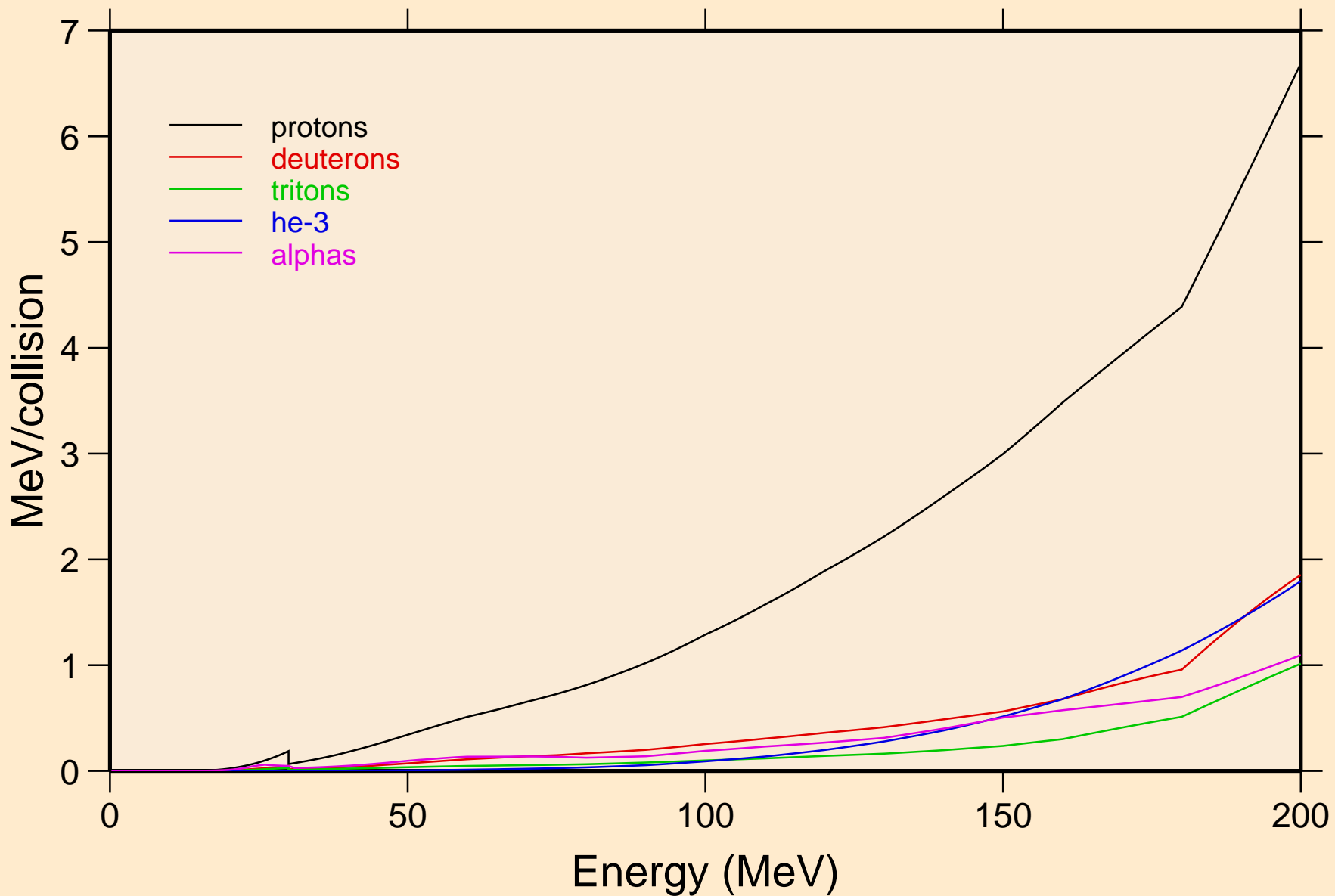


CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

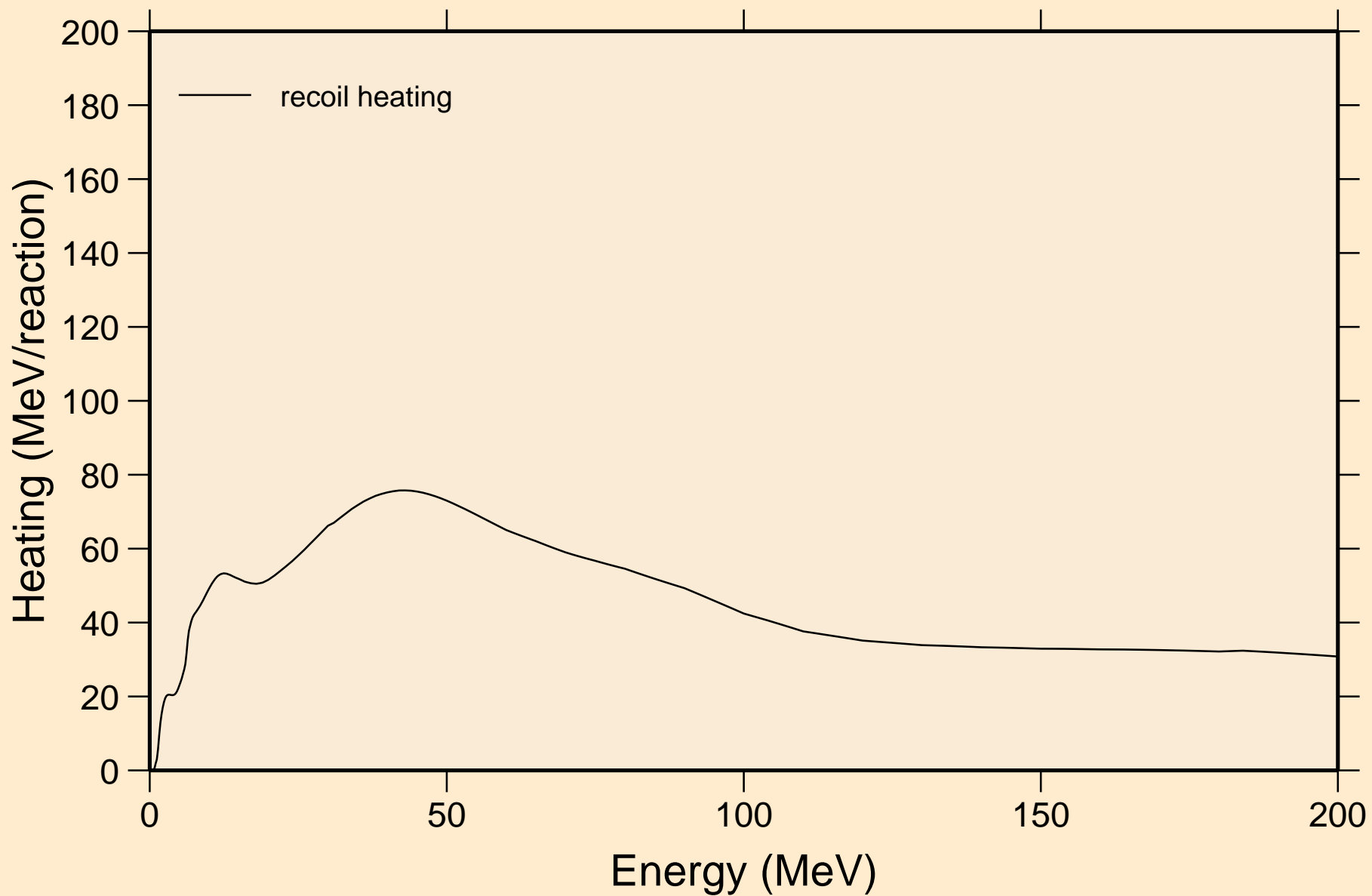


CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Particle heating contributions

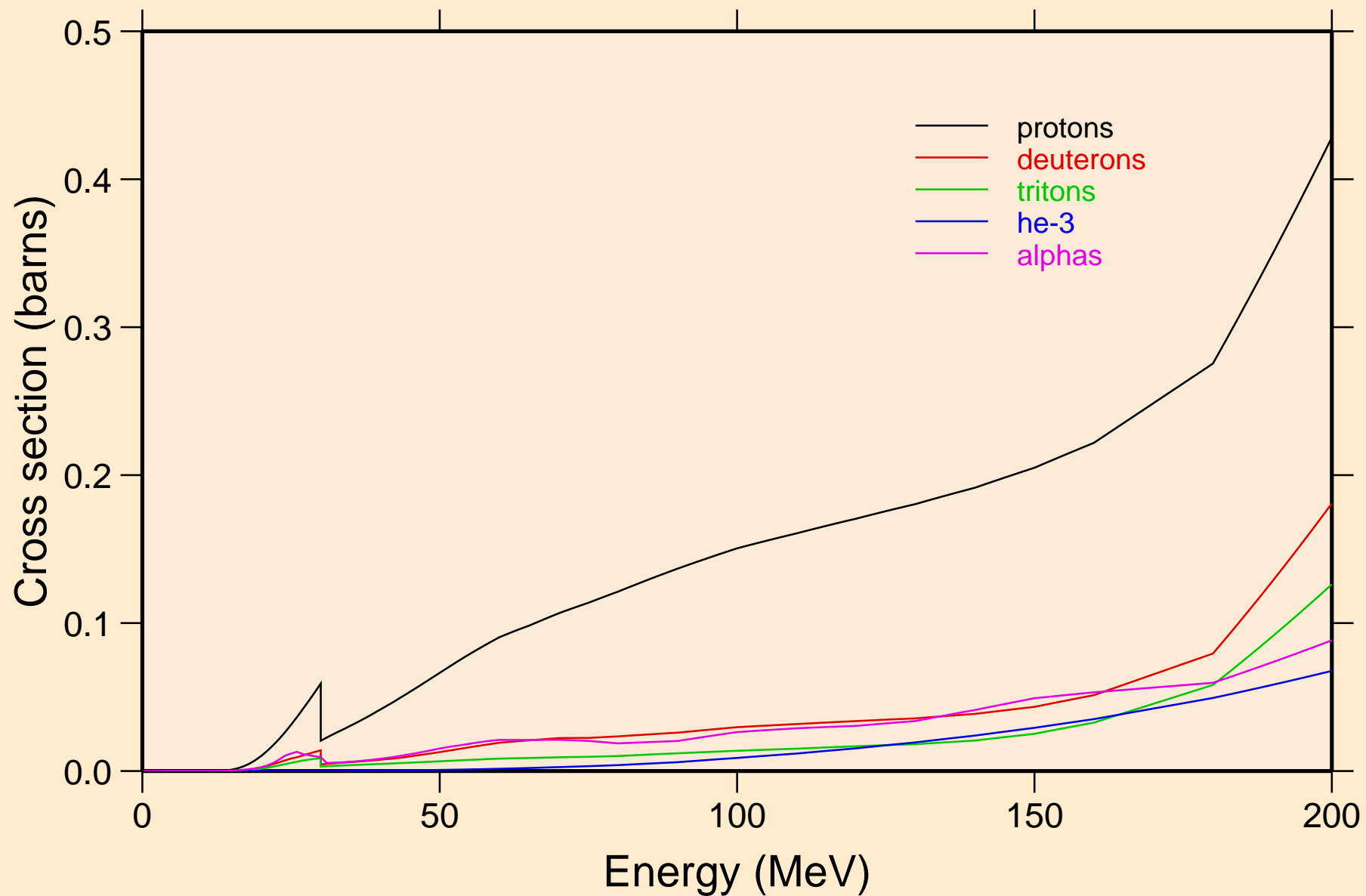


CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

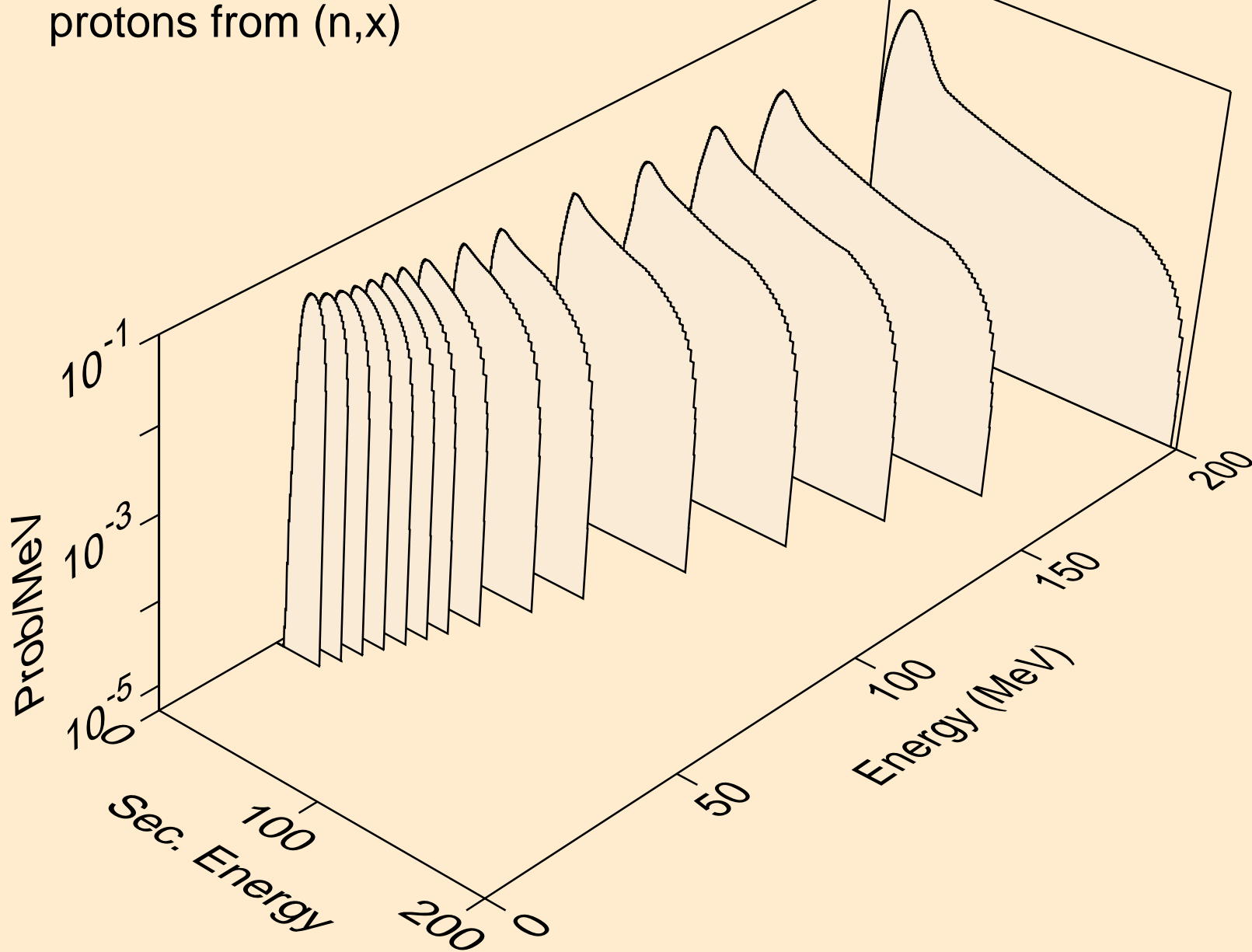


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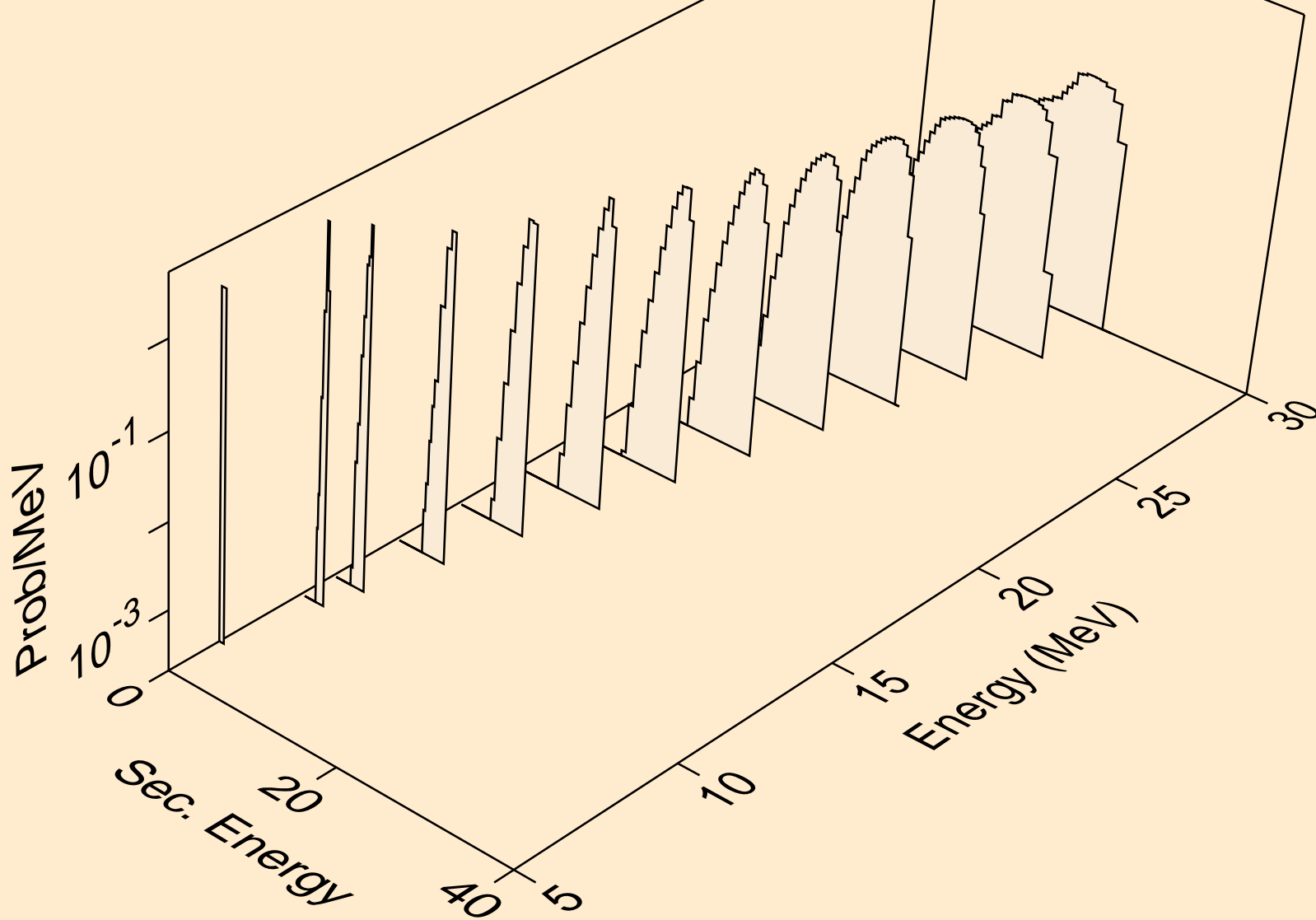
Particle production cross sections



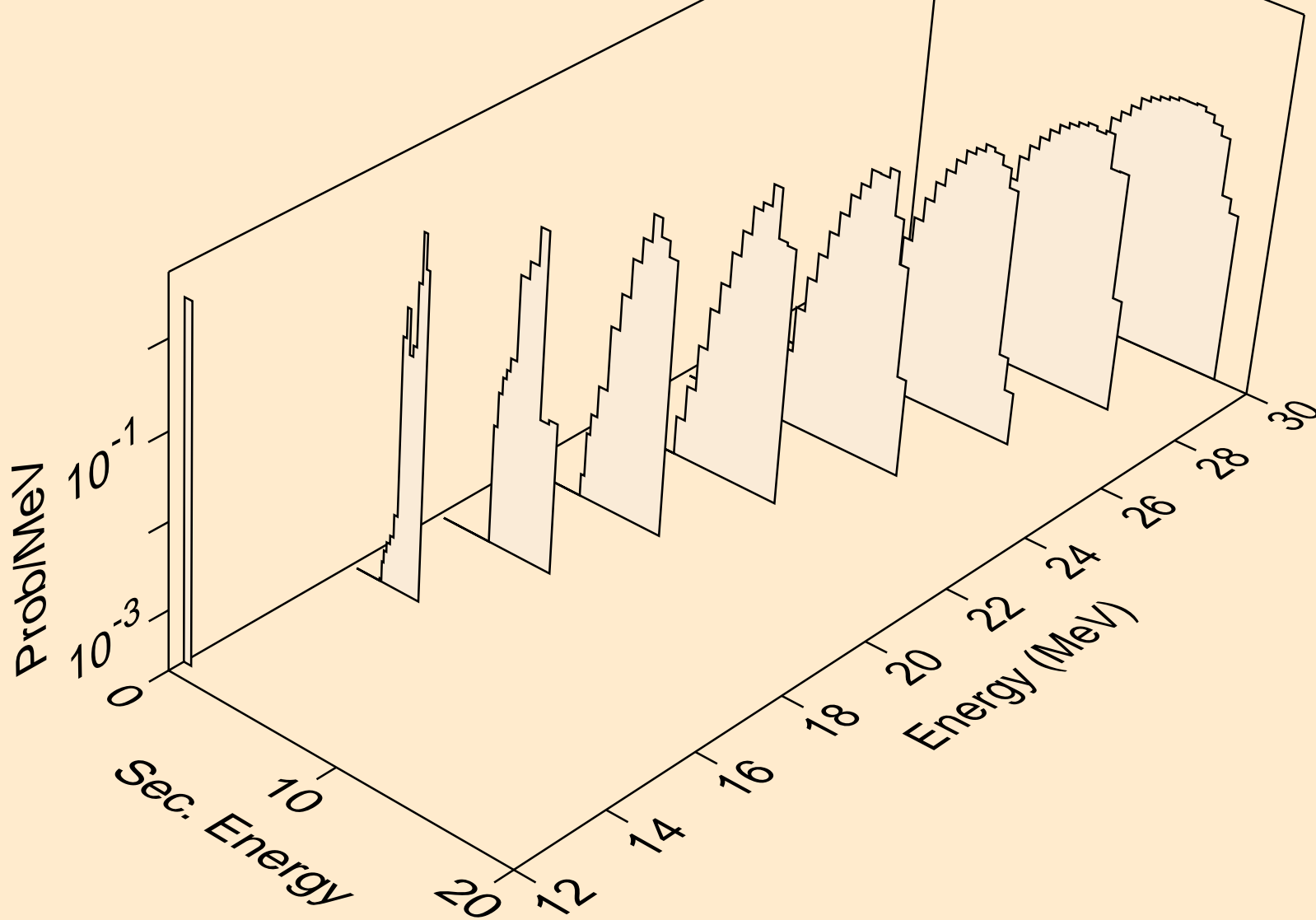
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protons from (n,x)



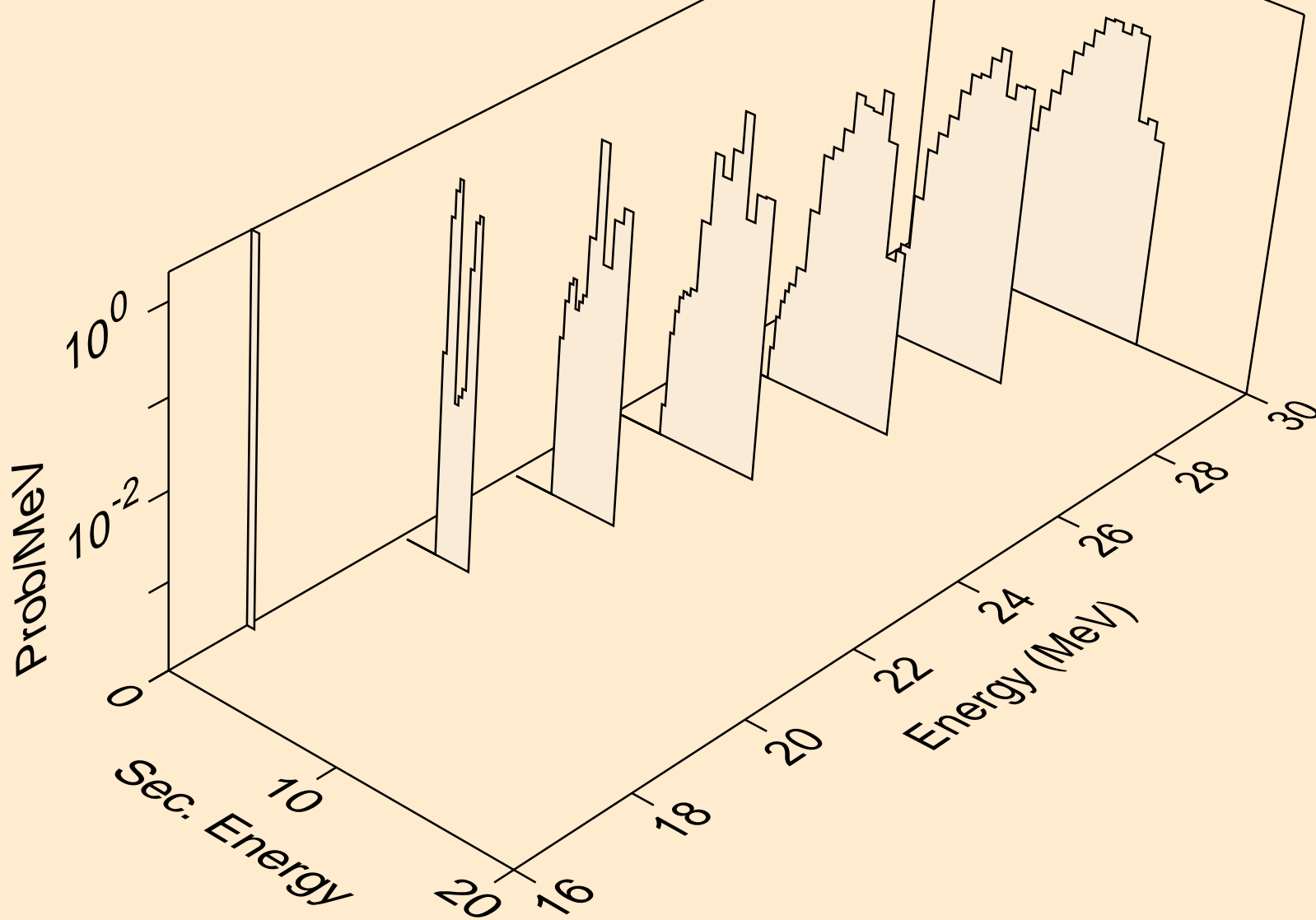
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protons from (n,n*)p



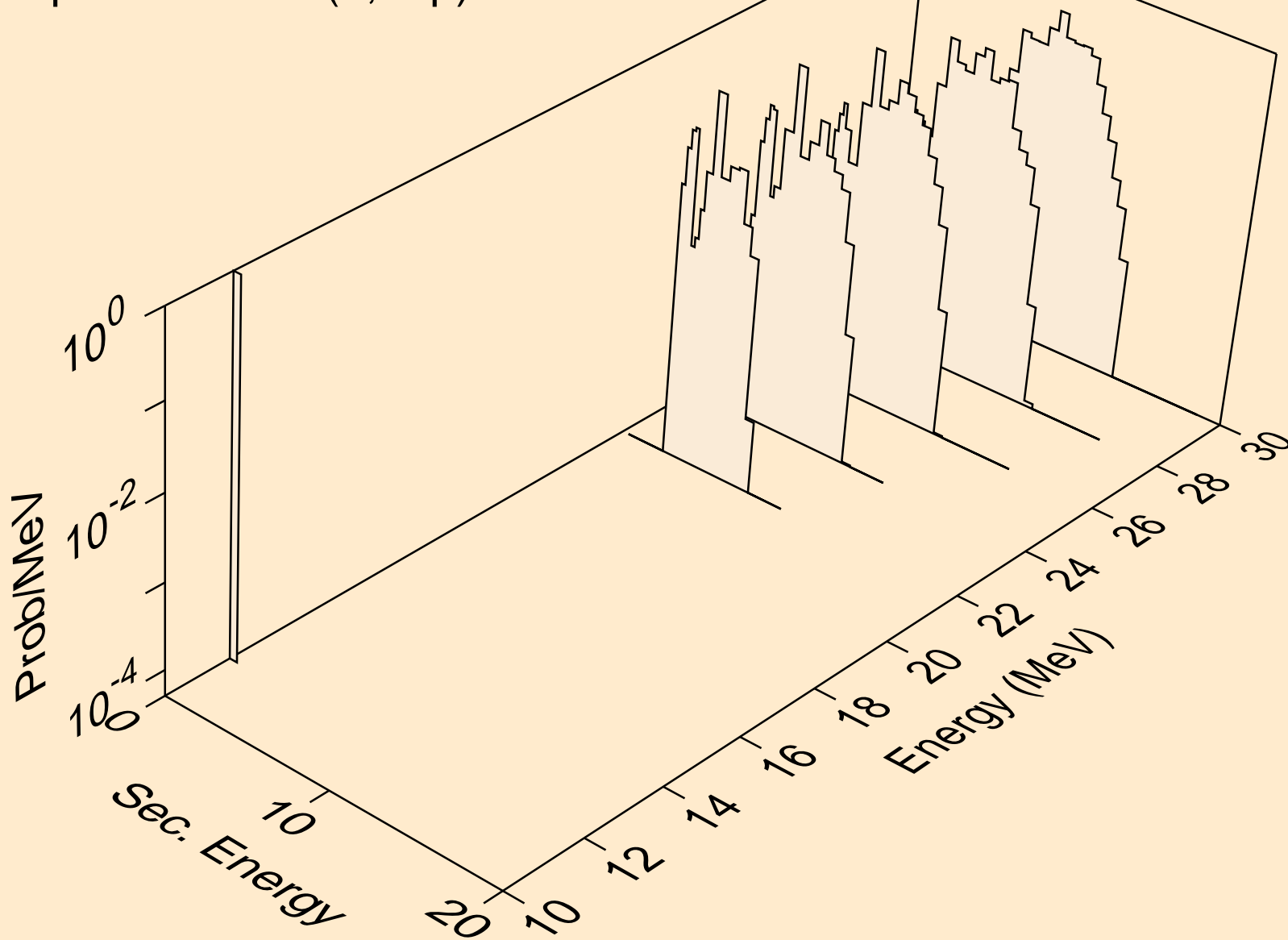
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protons from (n,2np)



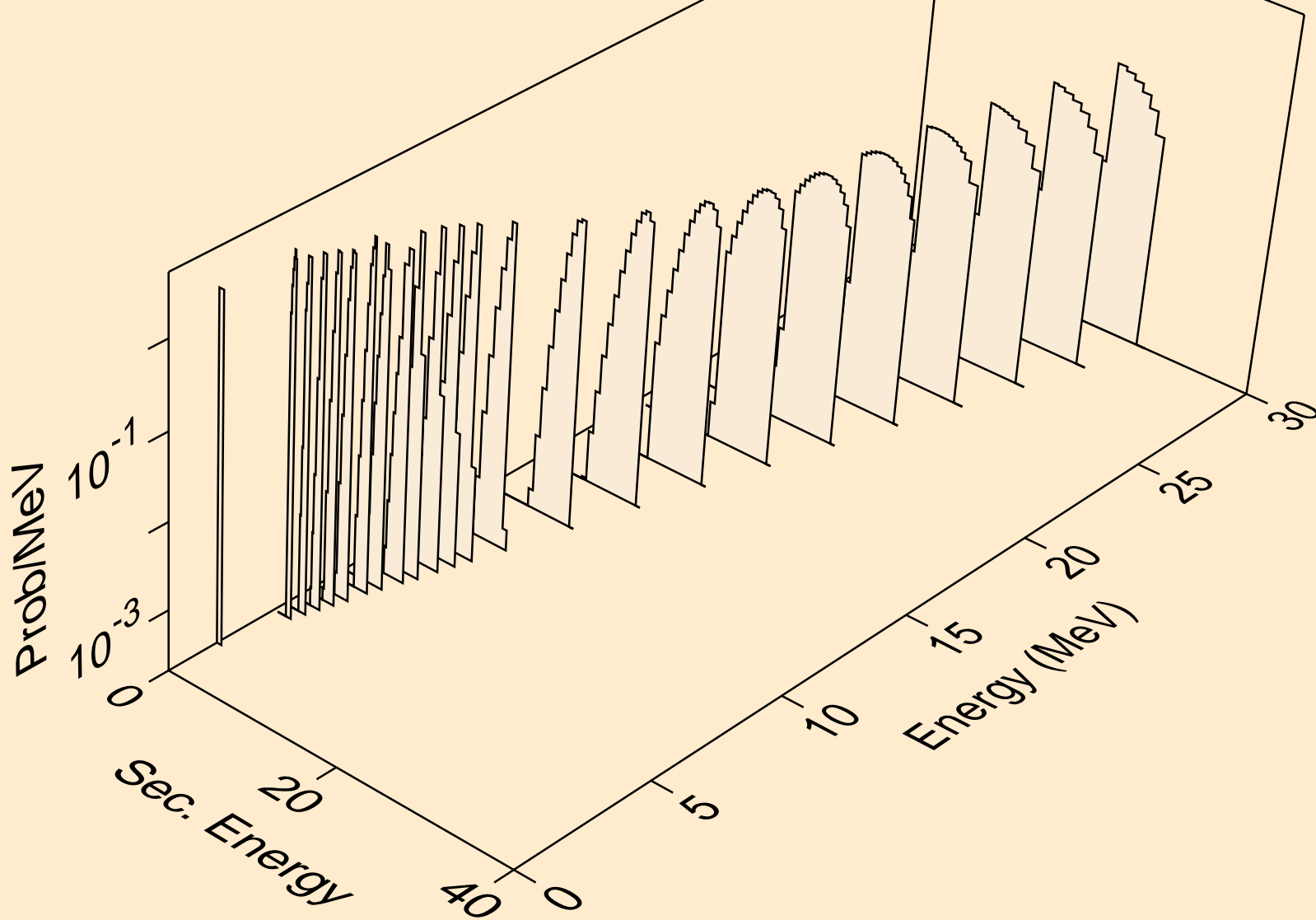
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protons from (n,3np)



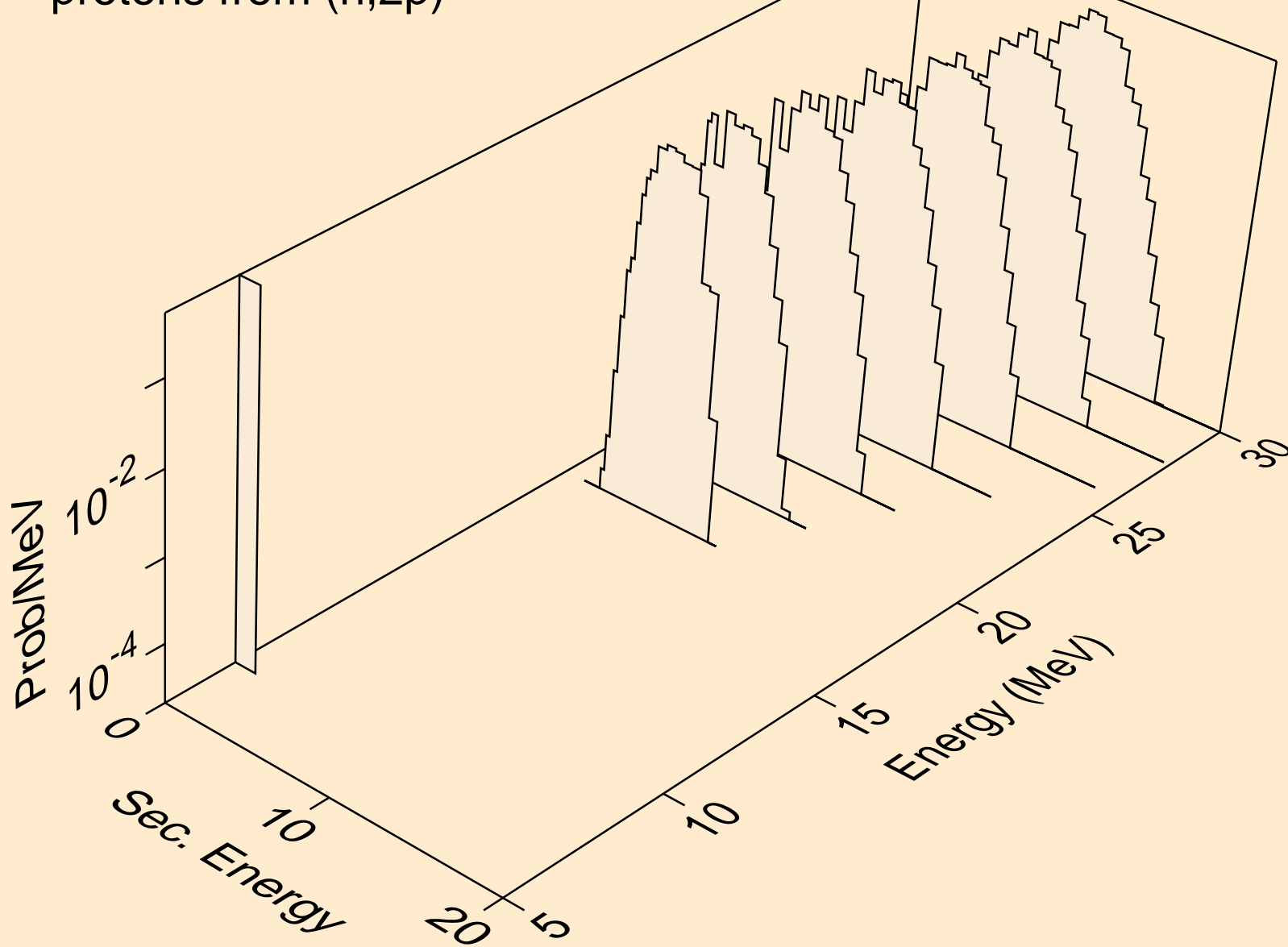
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protons from (n,2np)



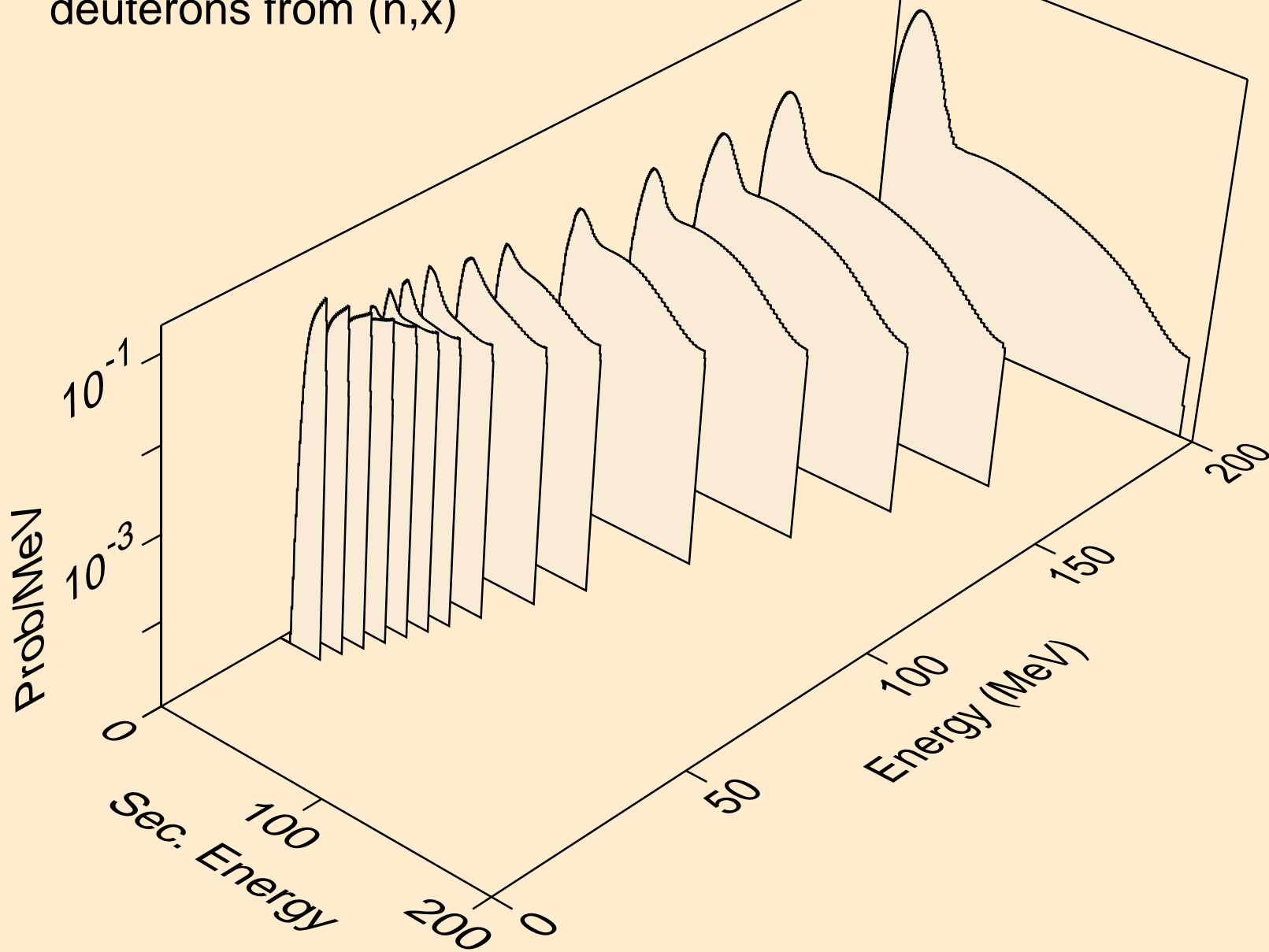
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protons from (n,p)



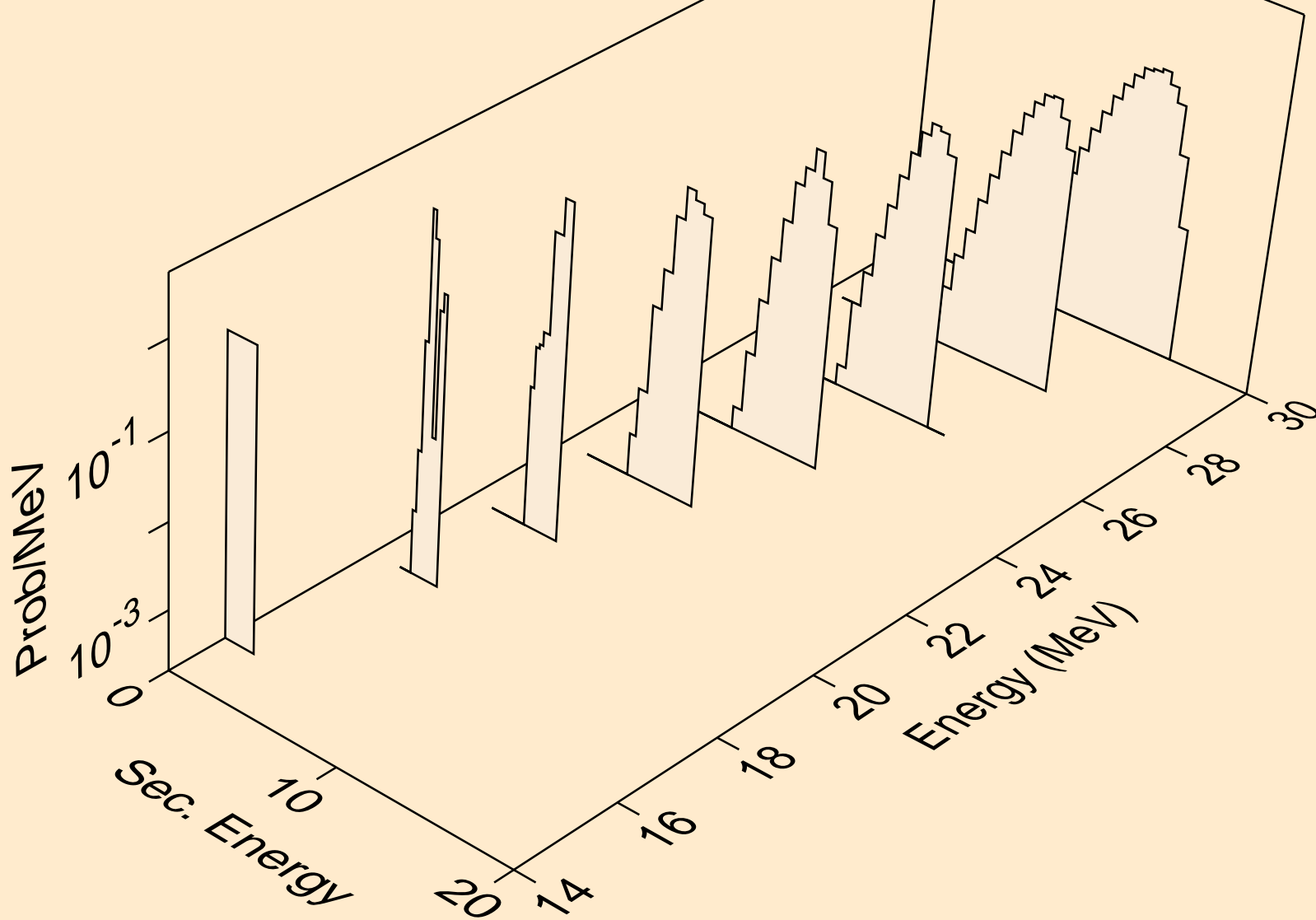
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protons from (n,2p)



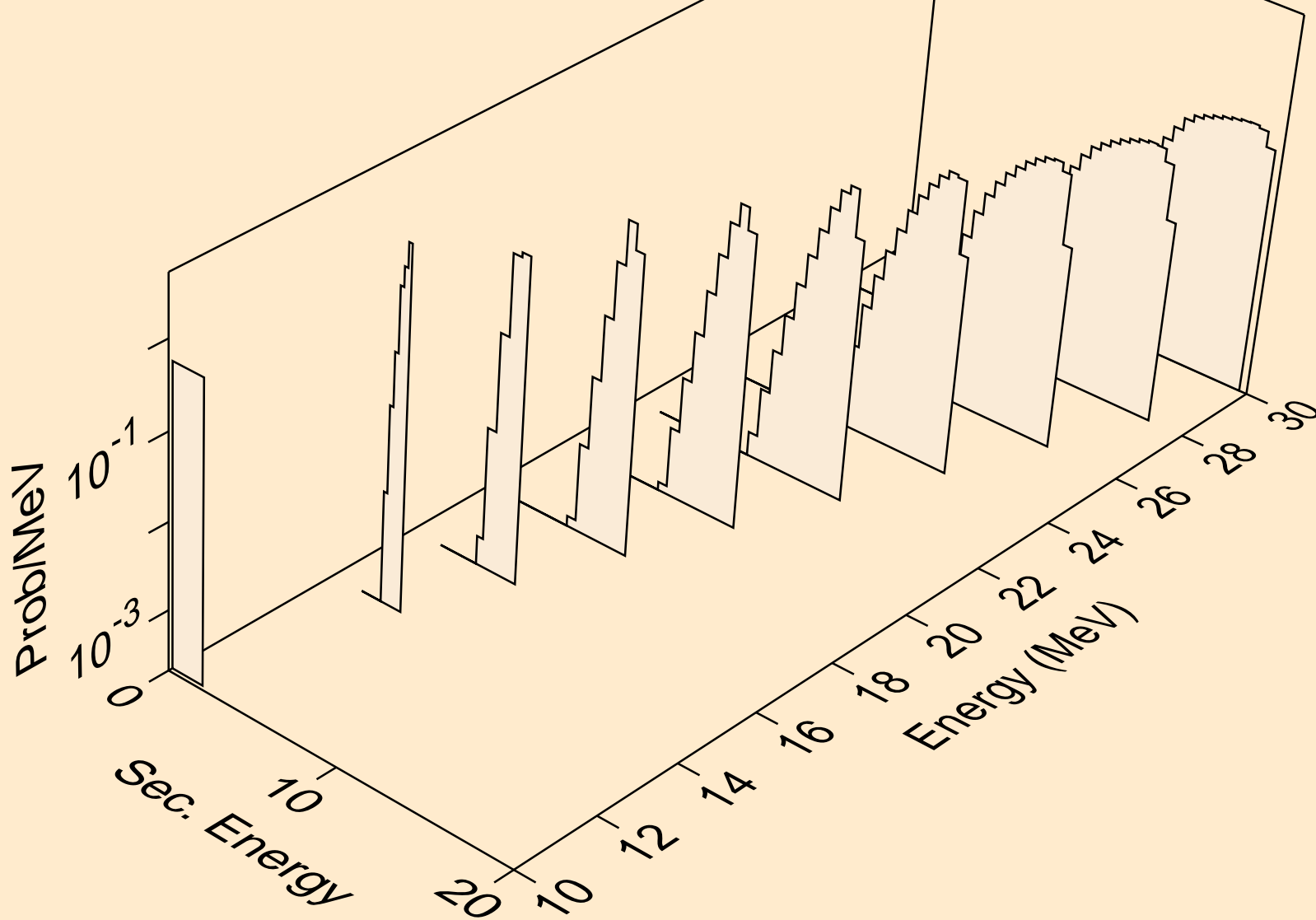
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deuterons from (n,x)



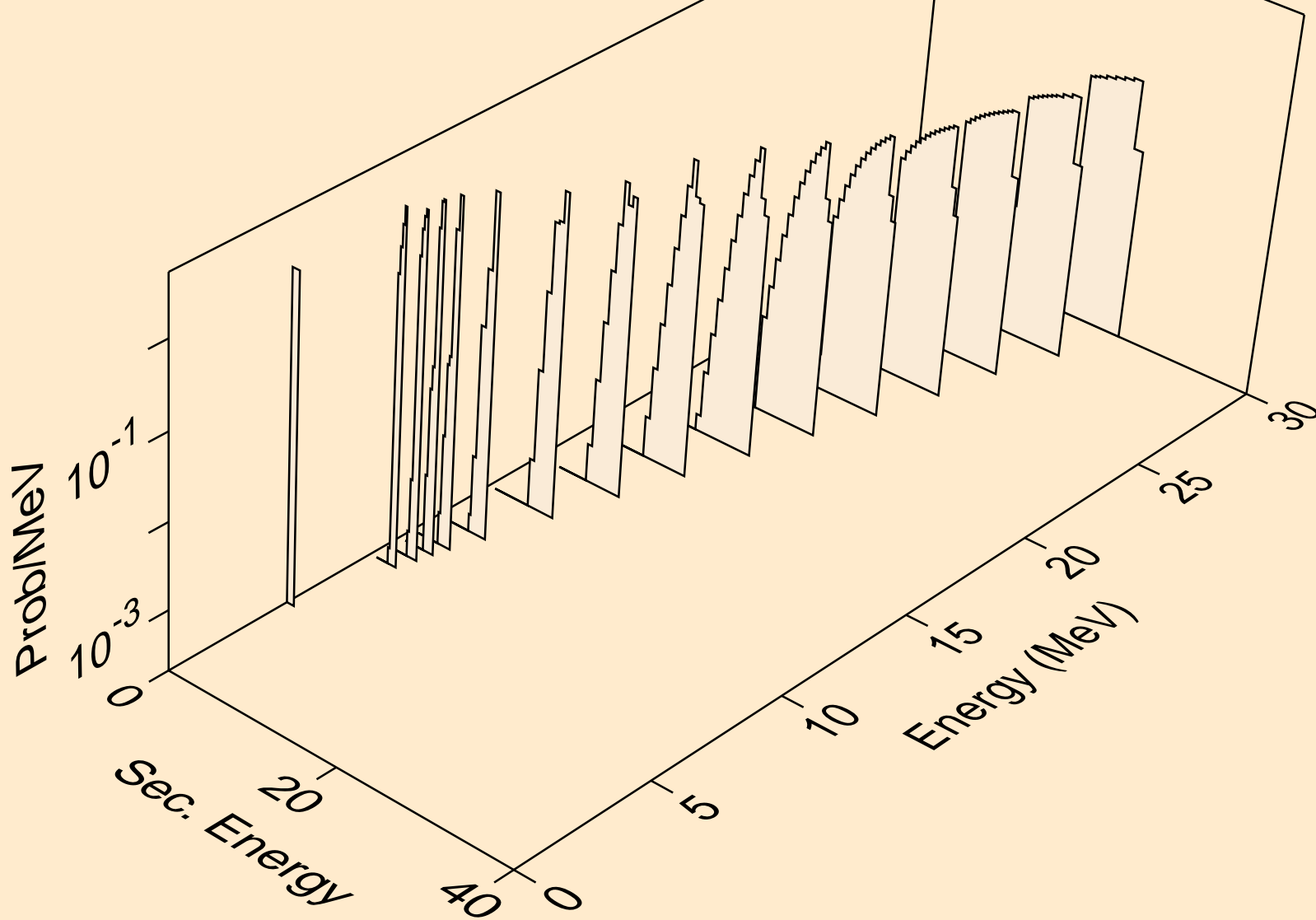
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deuterons from (n,2nd)



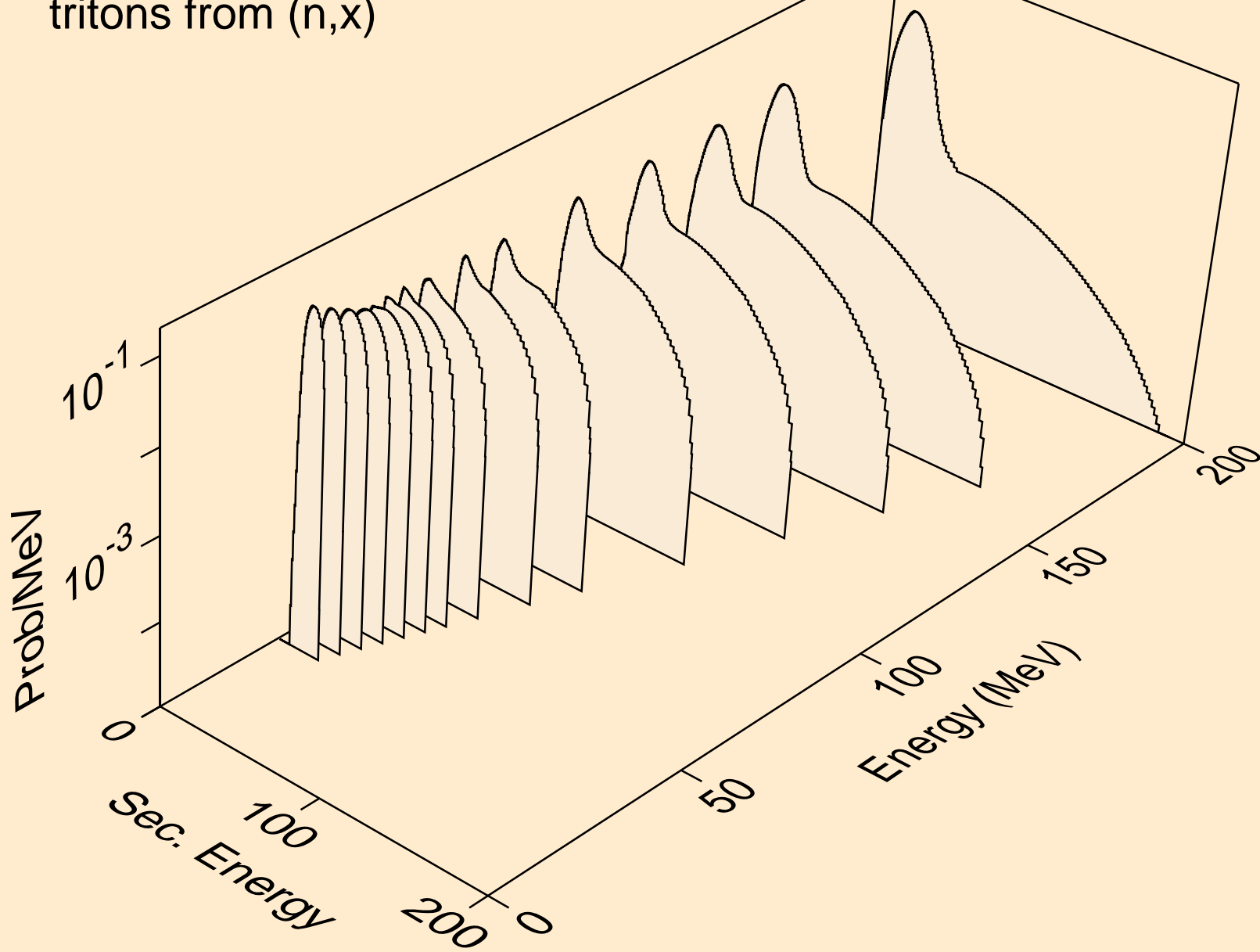
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deuterons from (n,n*)d



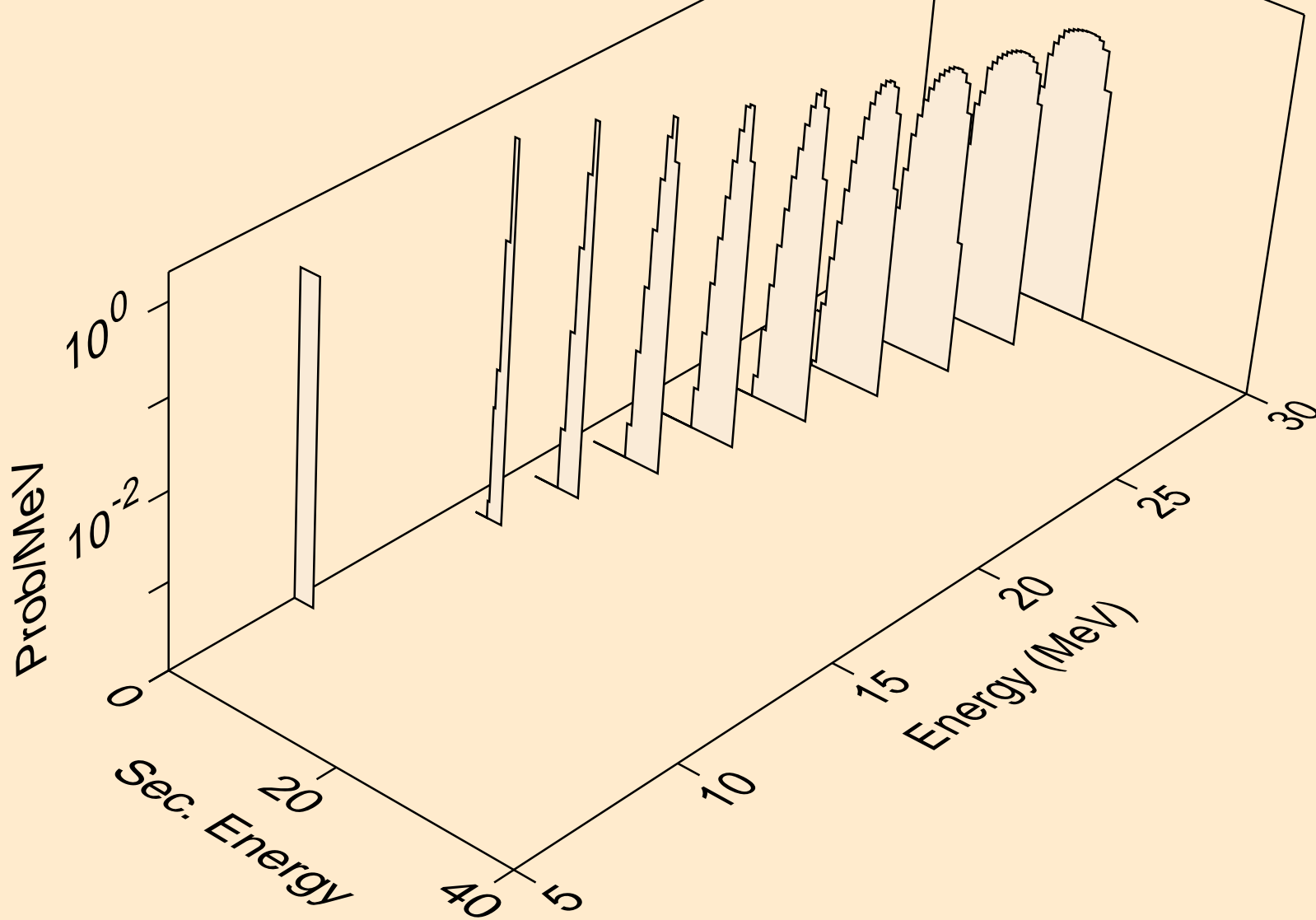
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



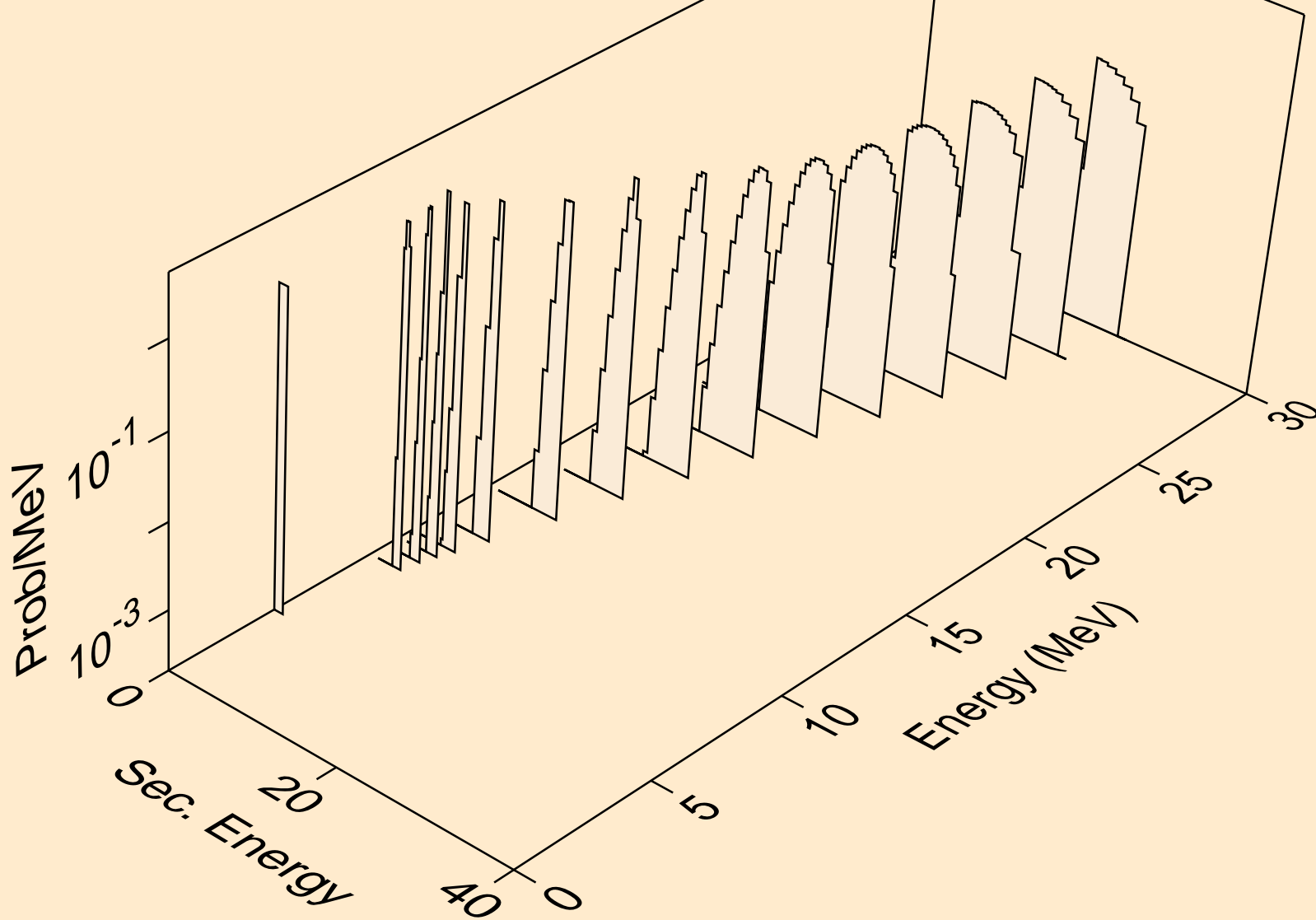
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



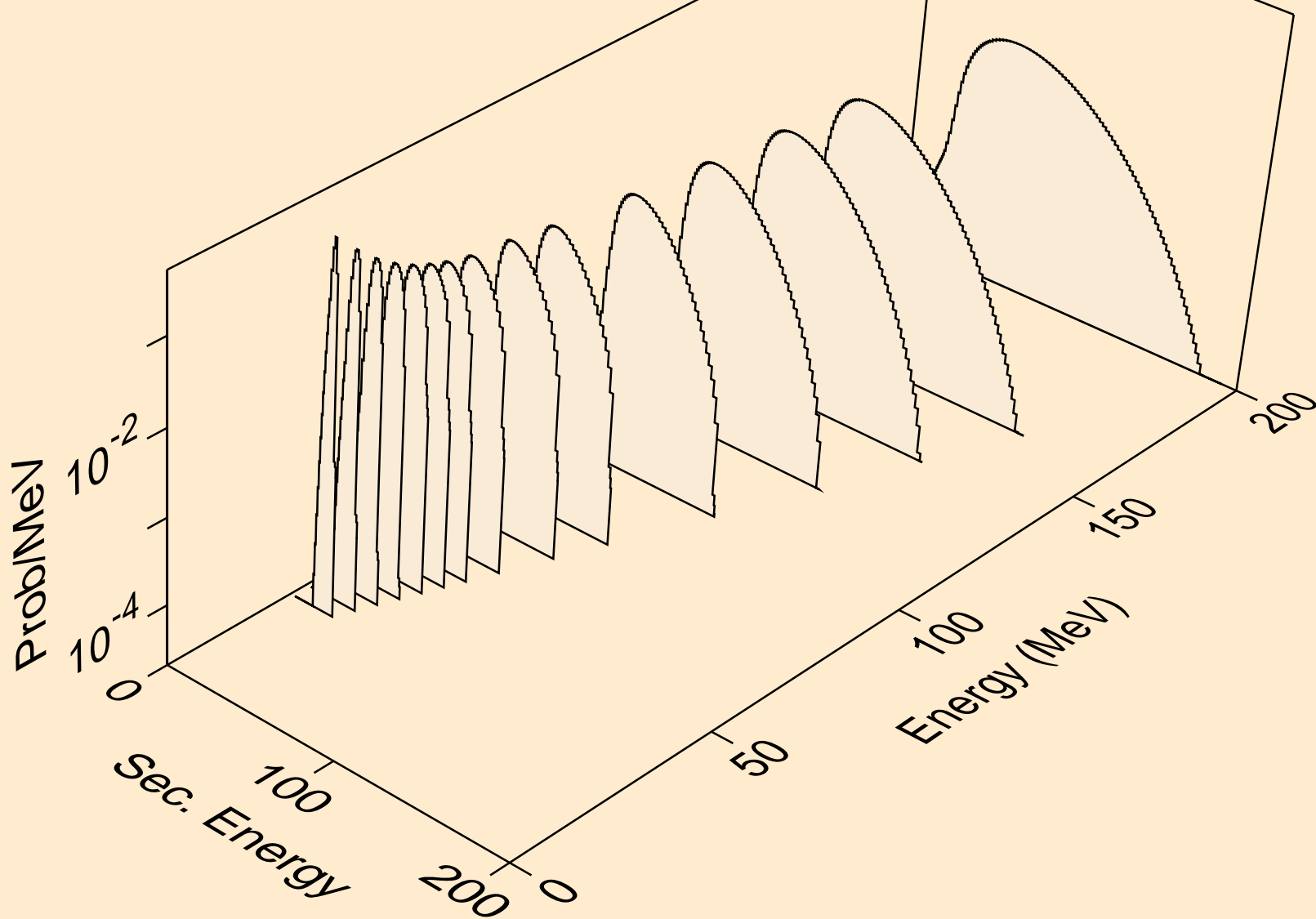
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



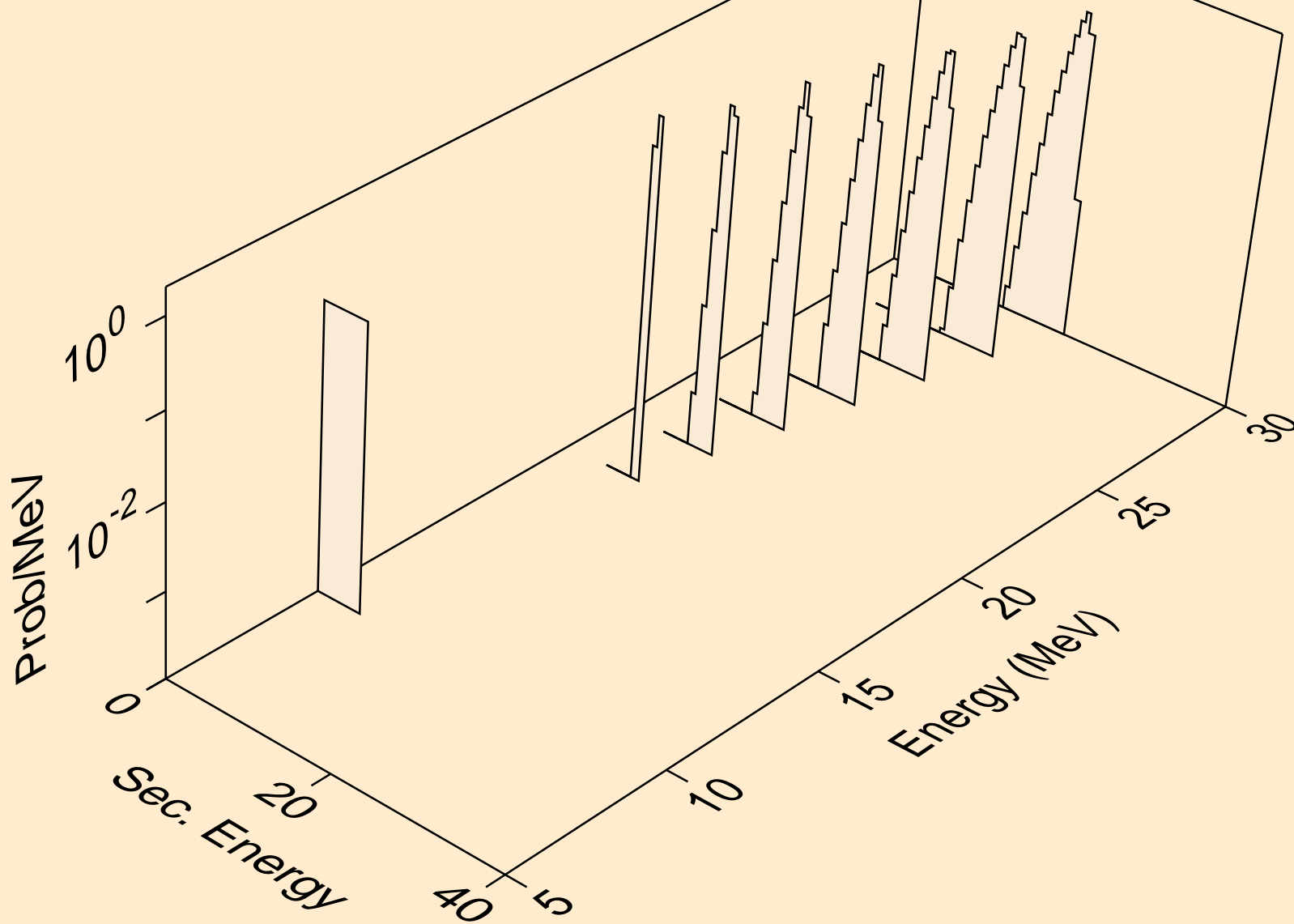
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tritons from (n,t)



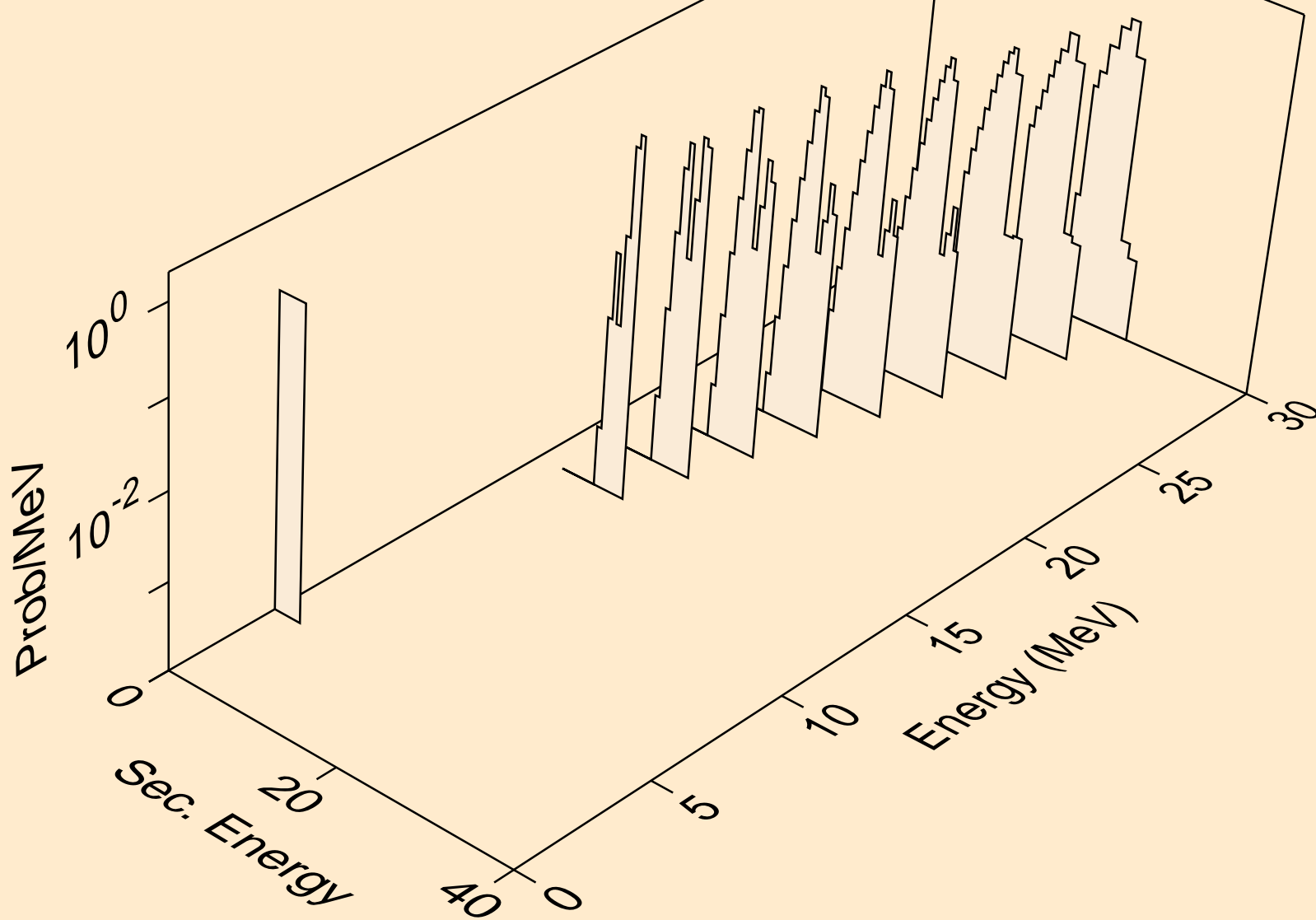
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



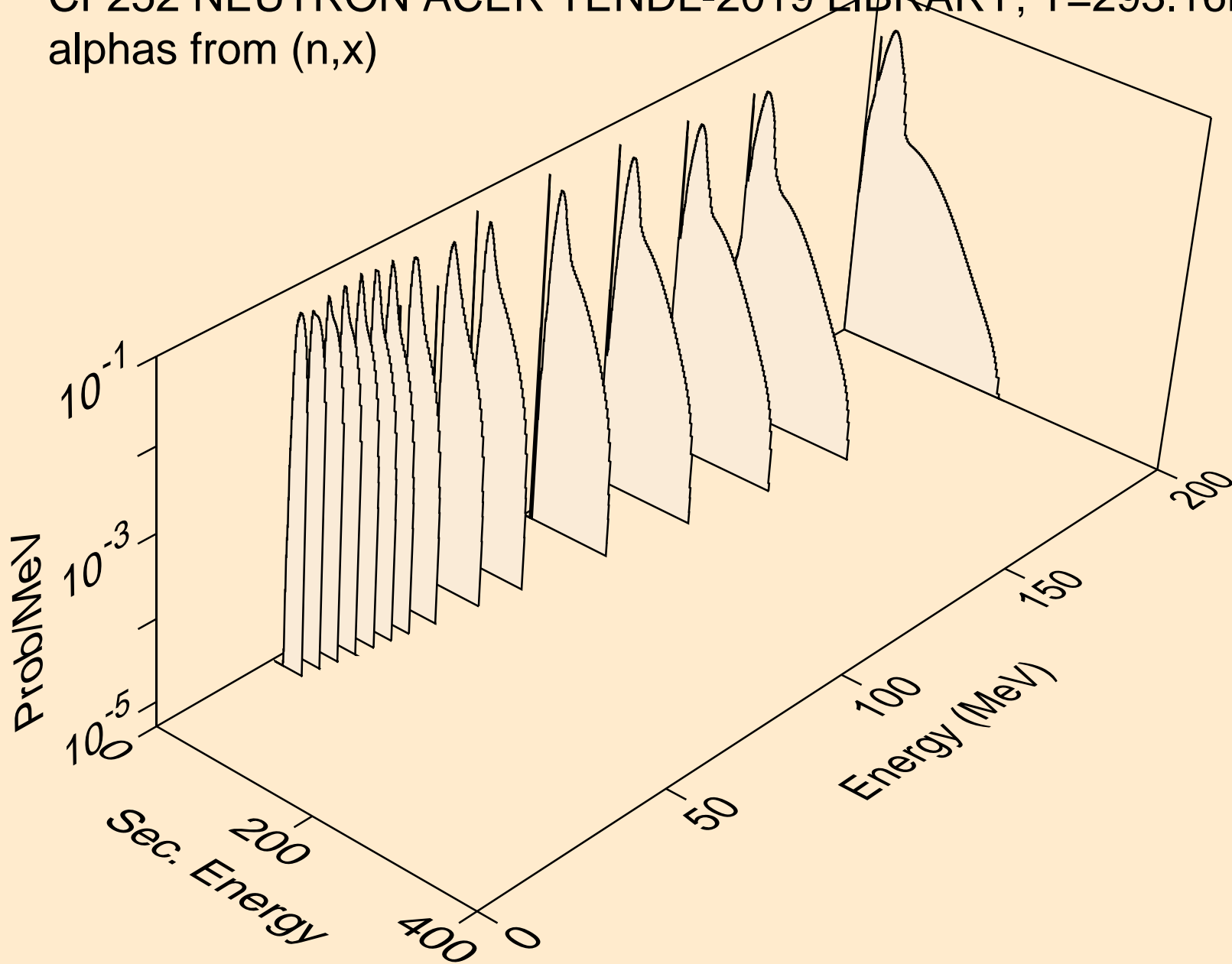
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he3s from (n,n*)he3



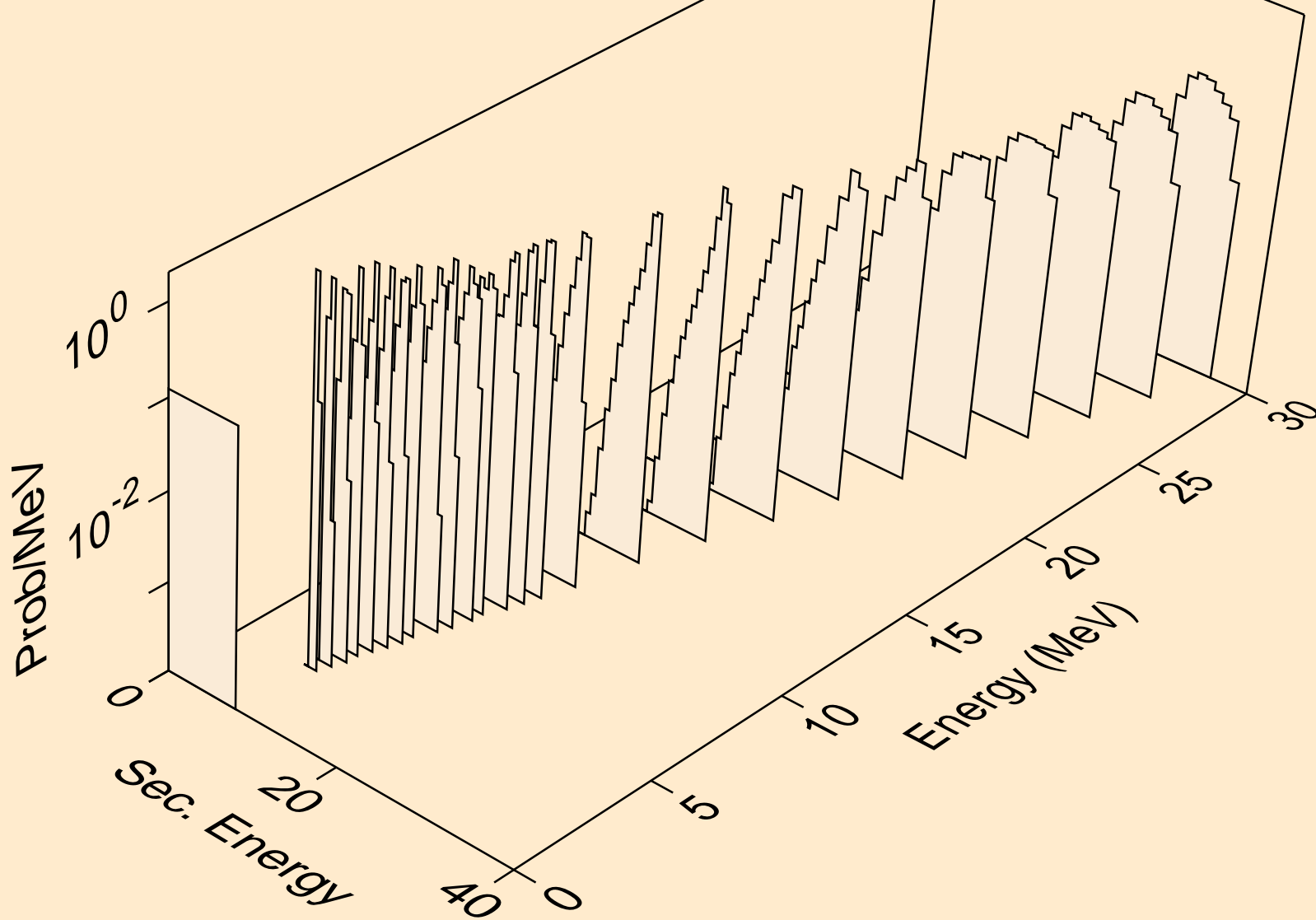
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he3s from (n,he3)



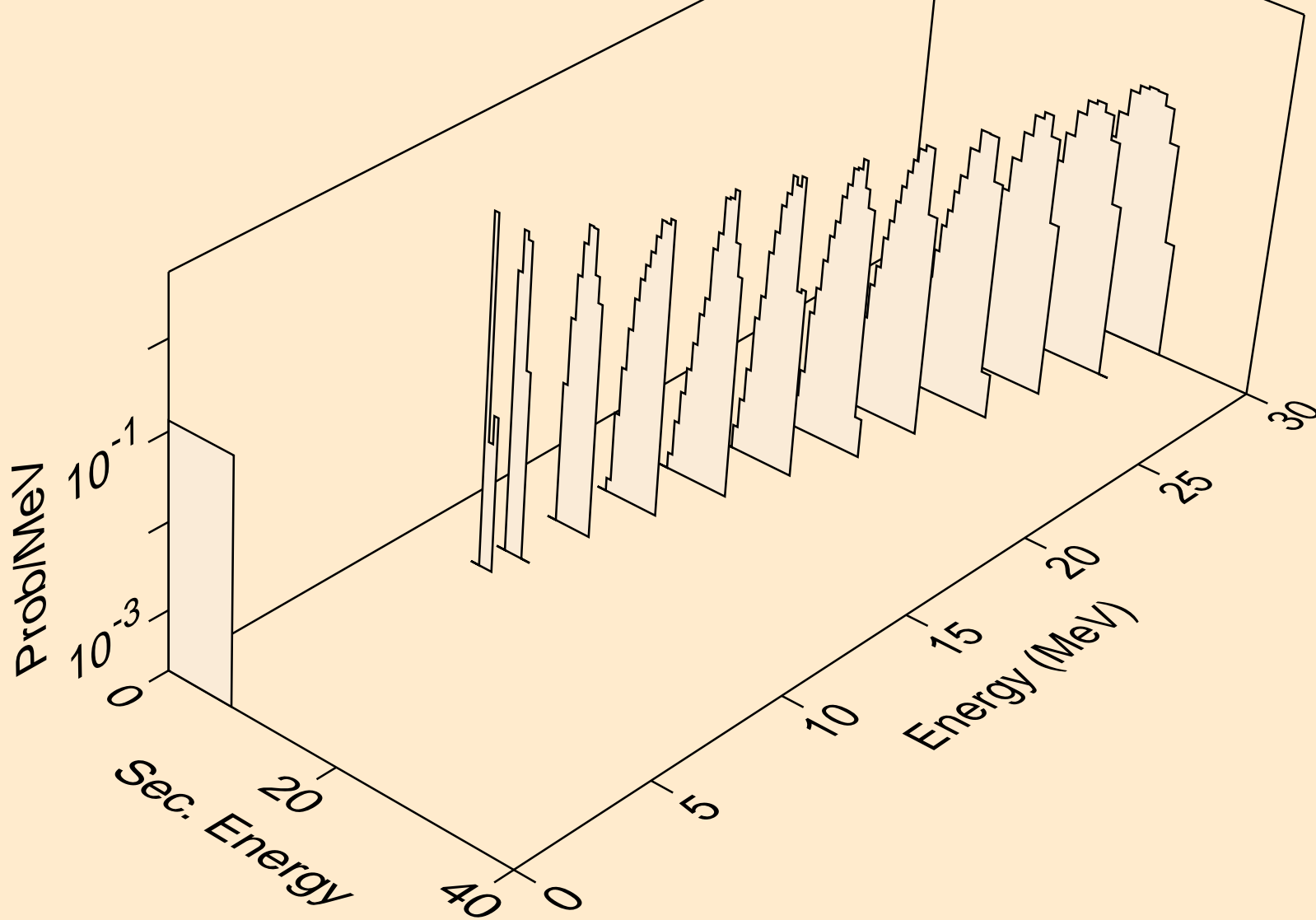
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



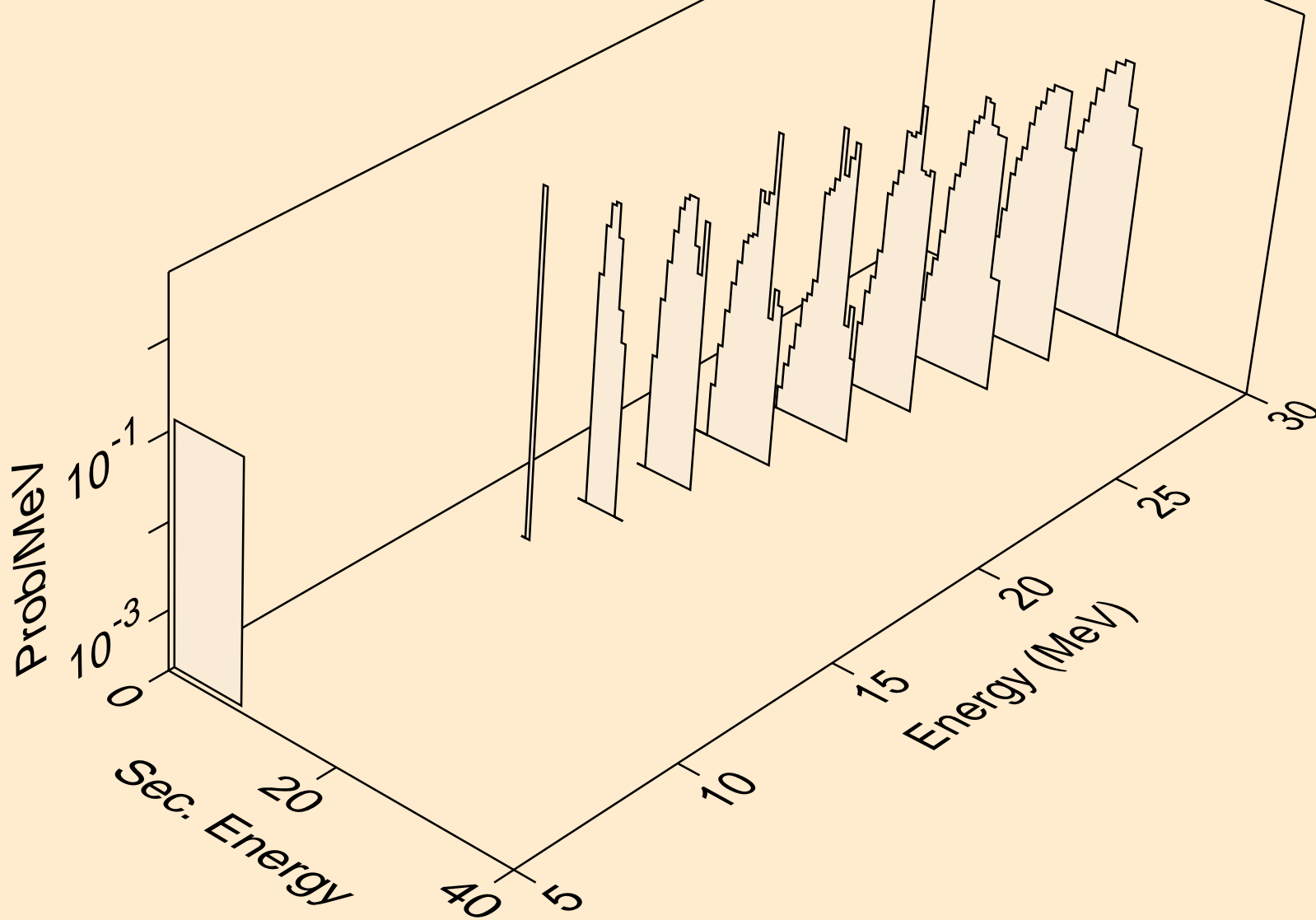
CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



CF252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)

