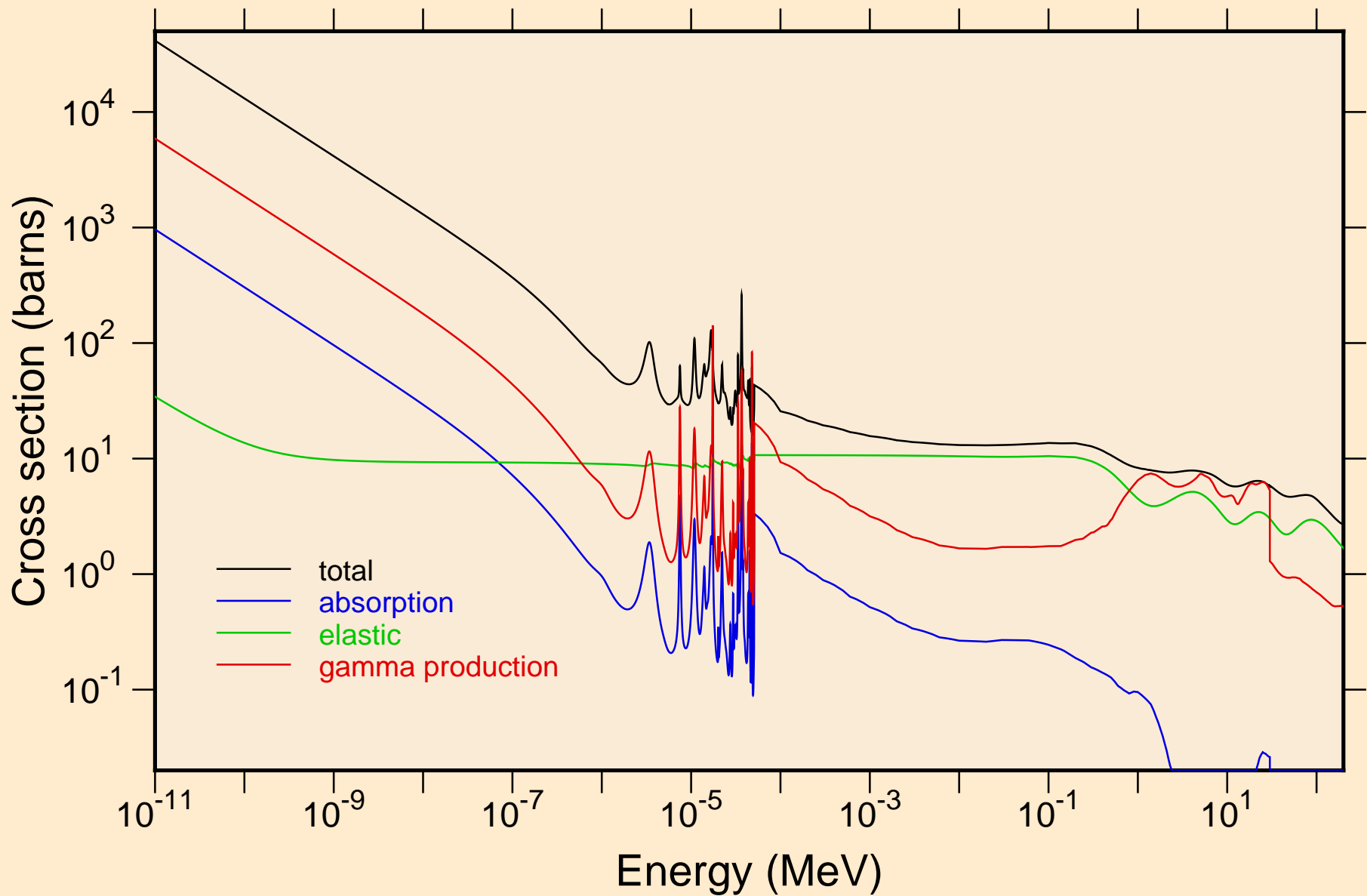
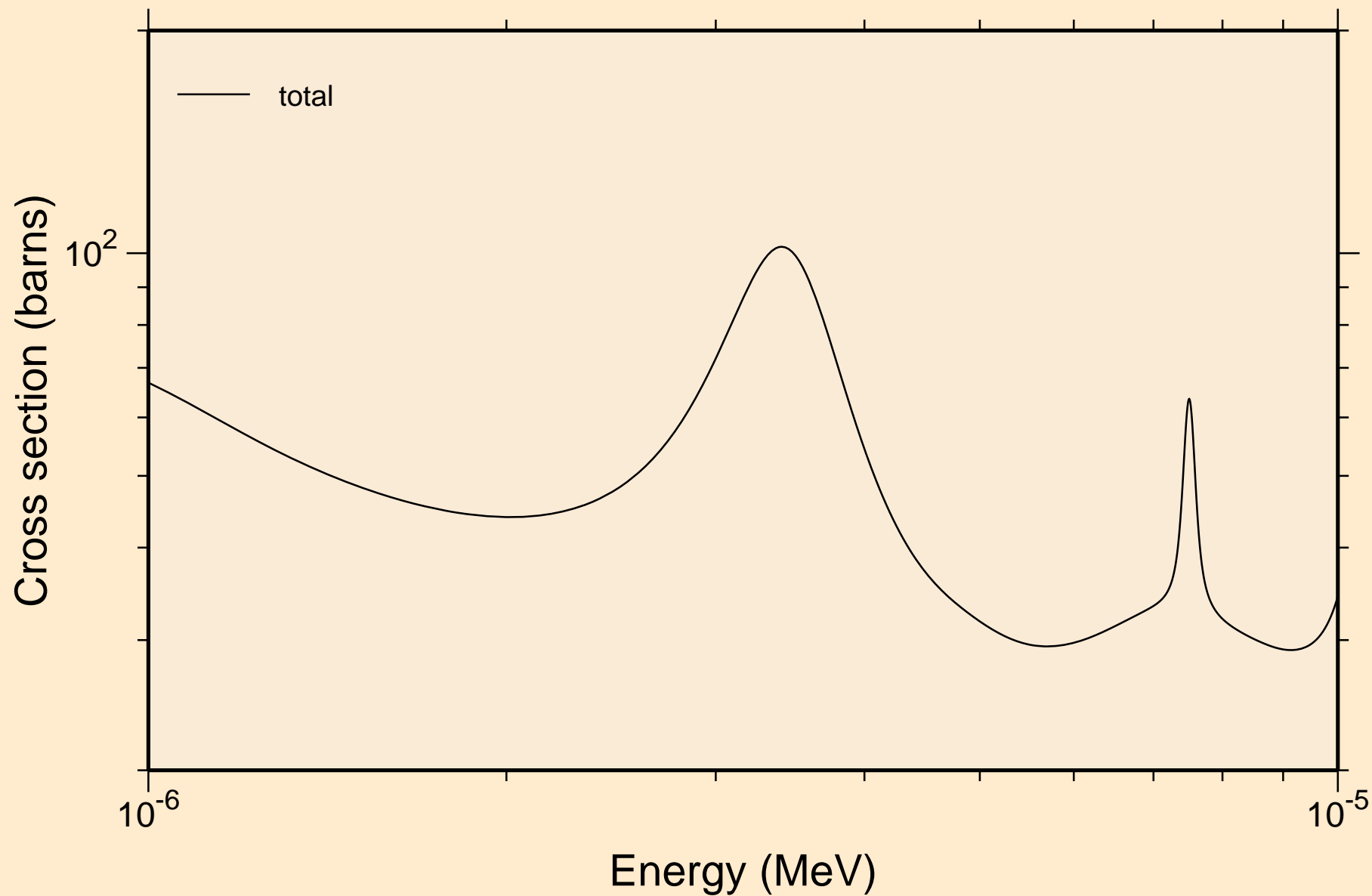


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

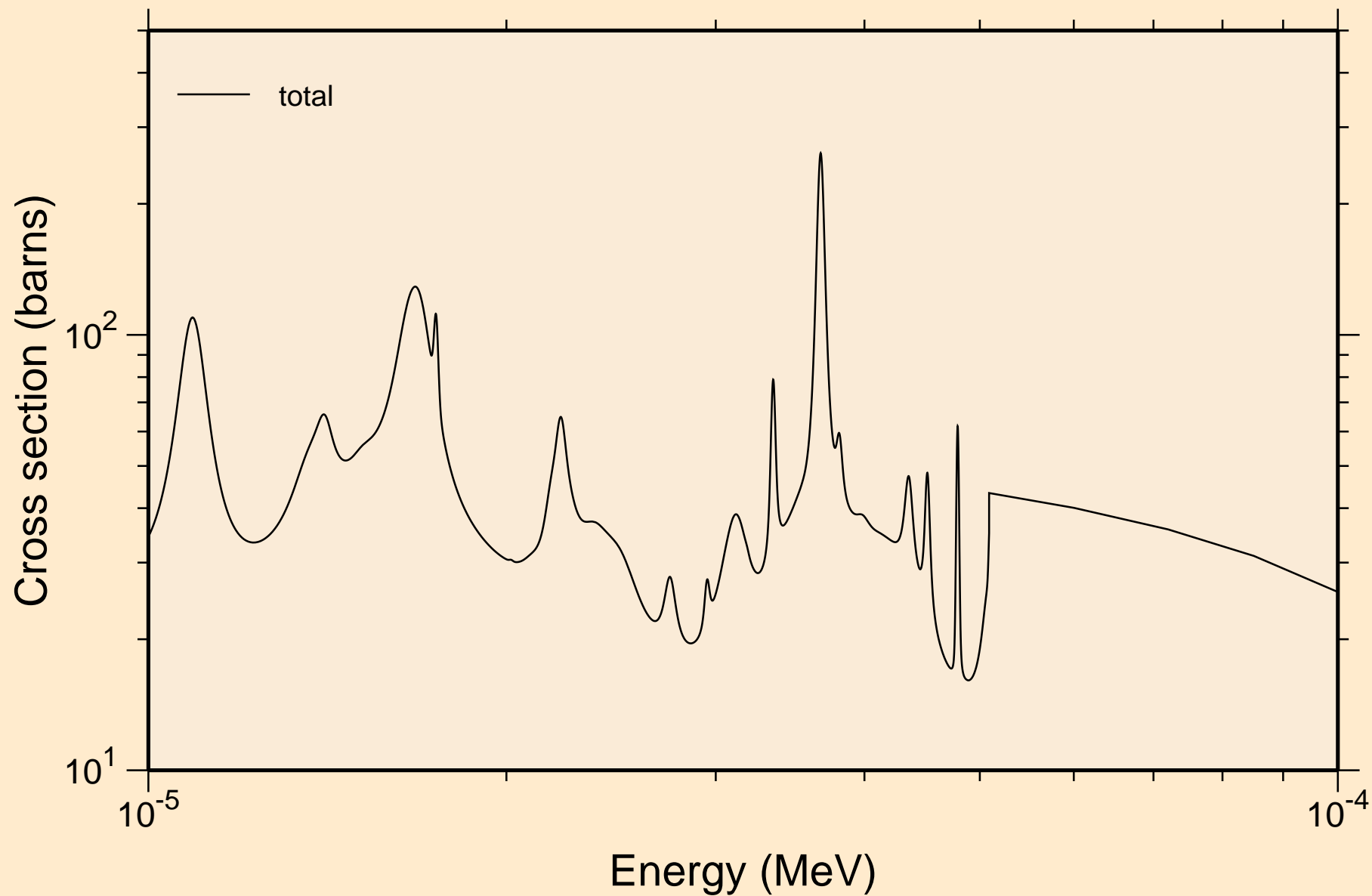
Principal cross sections



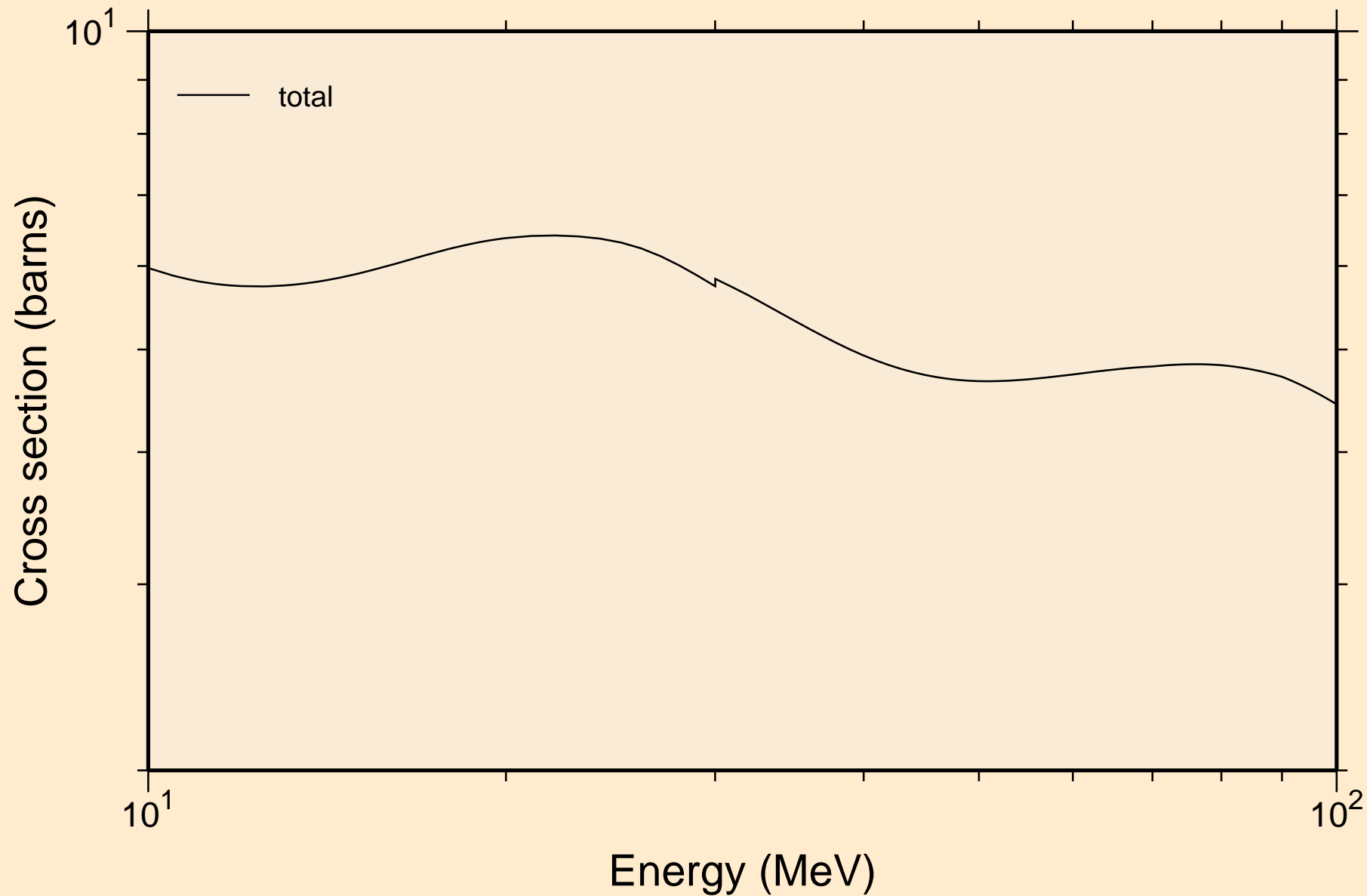
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



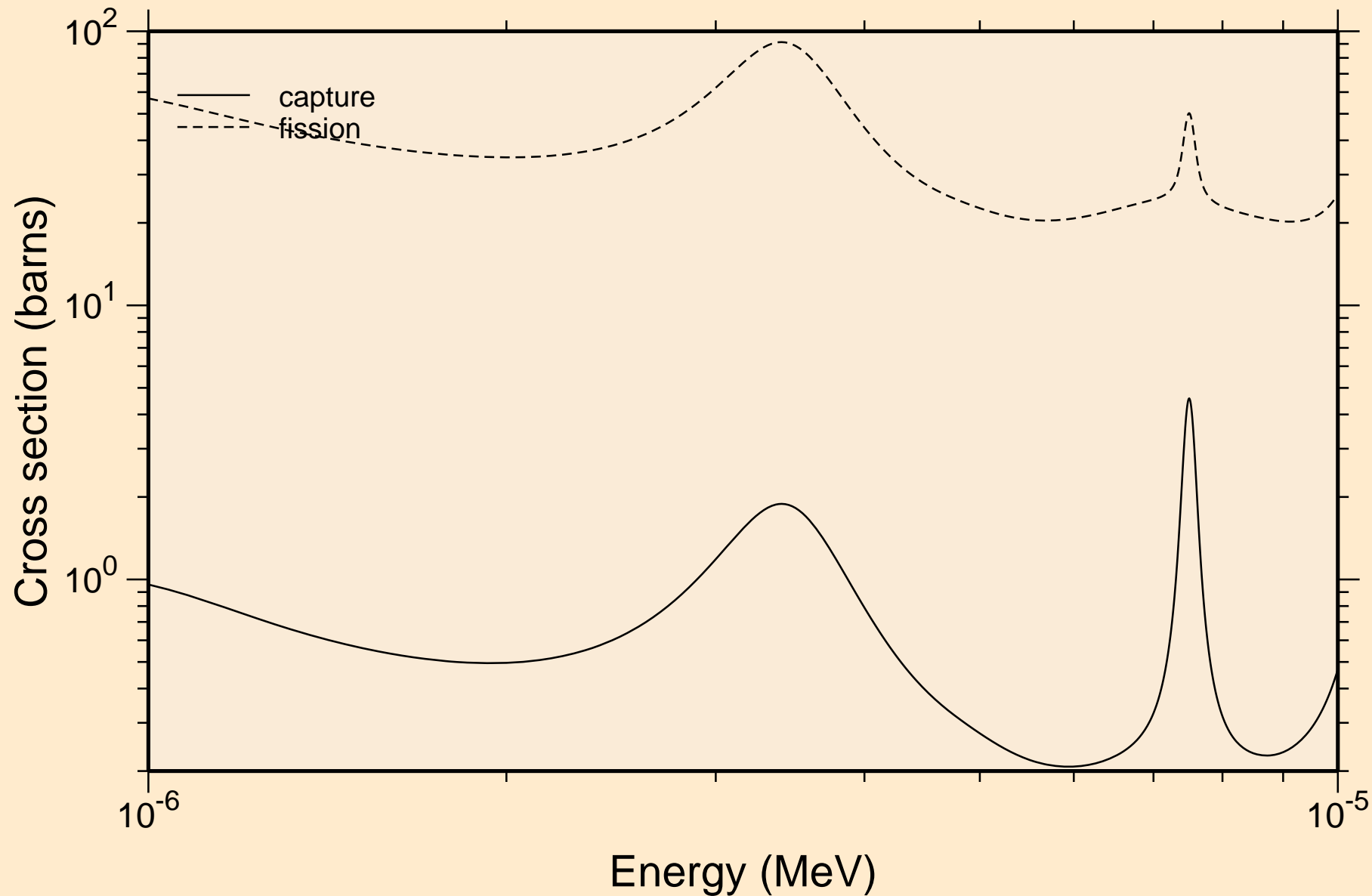
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



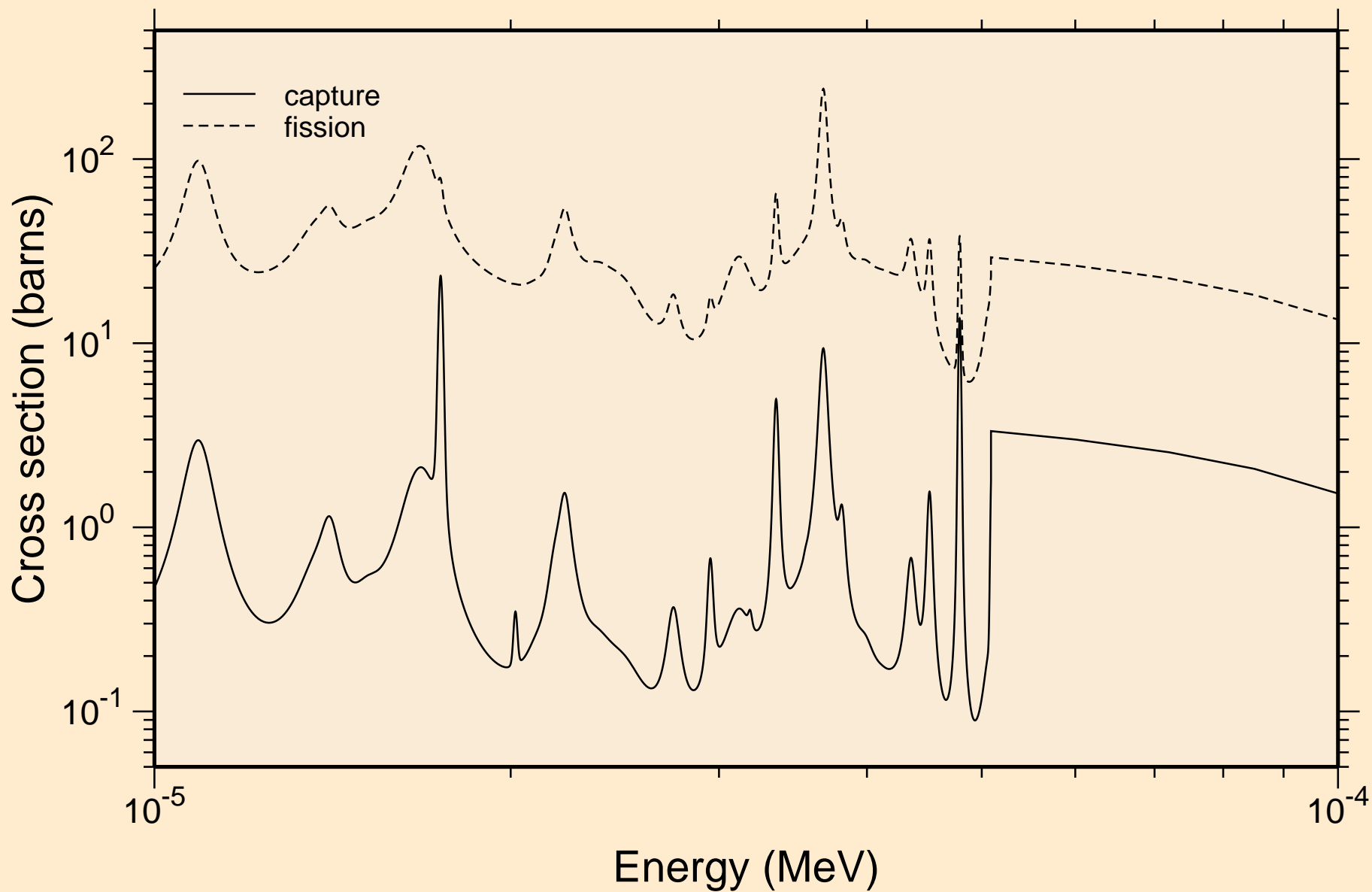
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



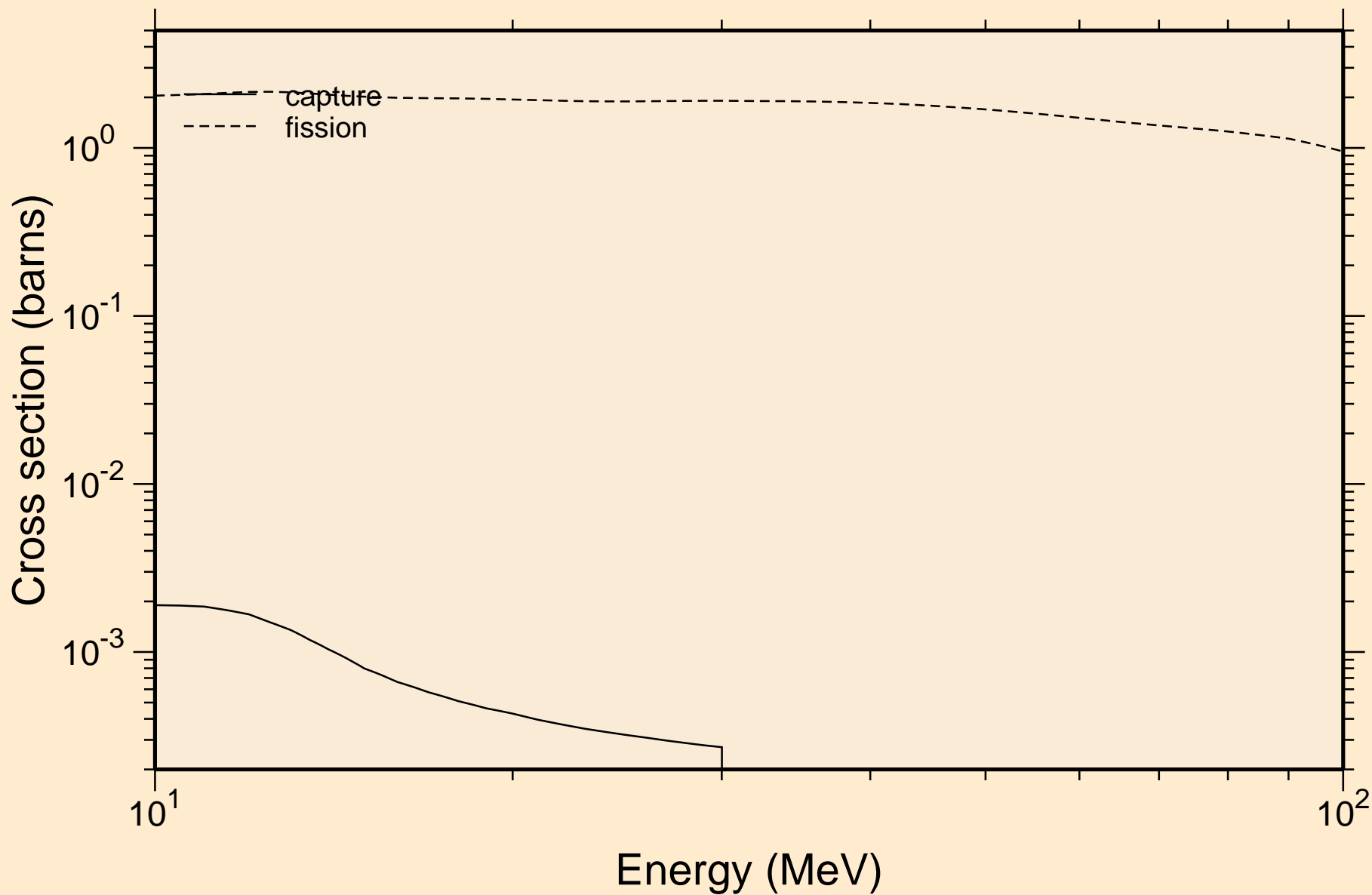
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



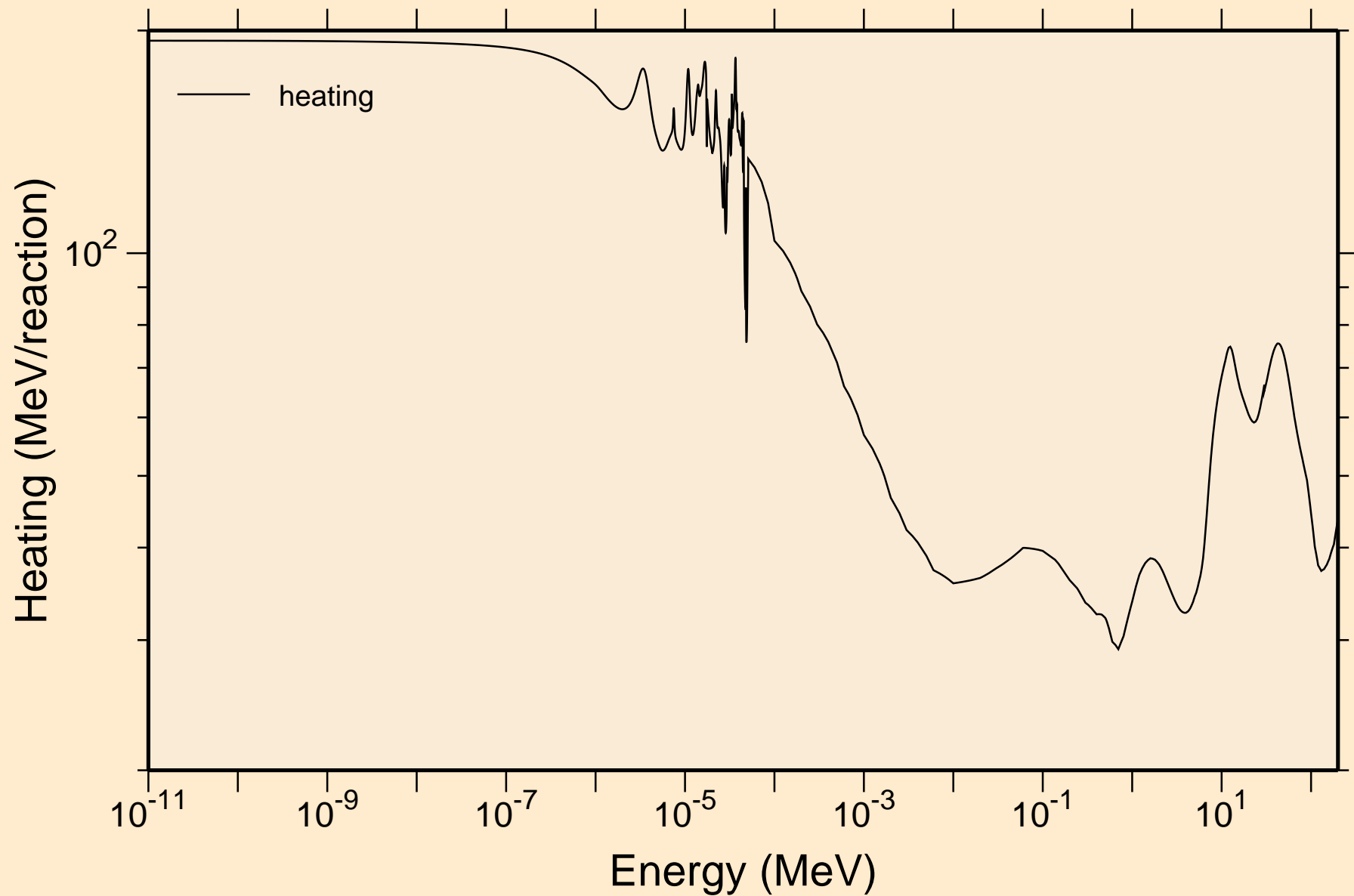
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K resonance absorption cross sections



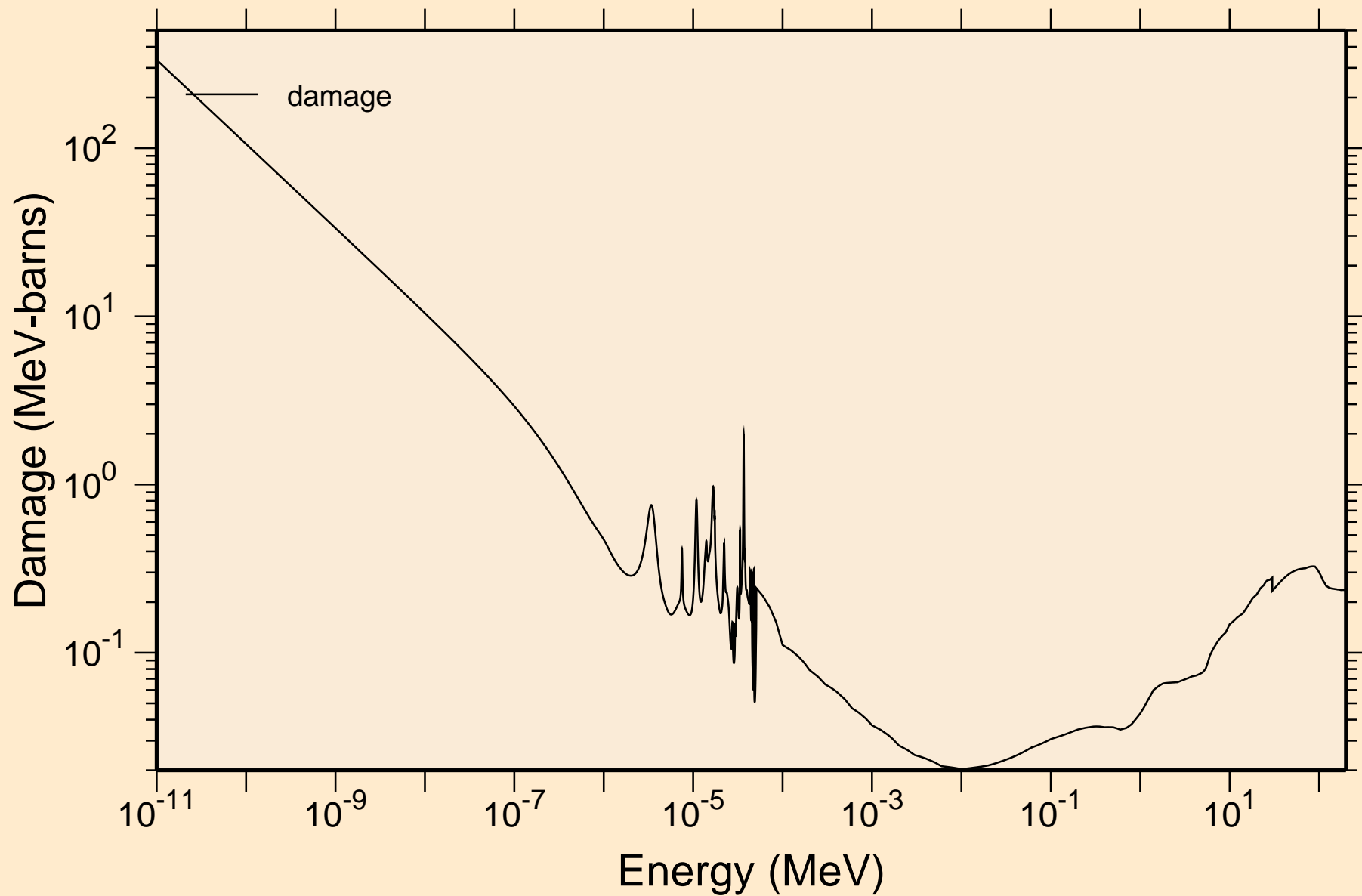
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating

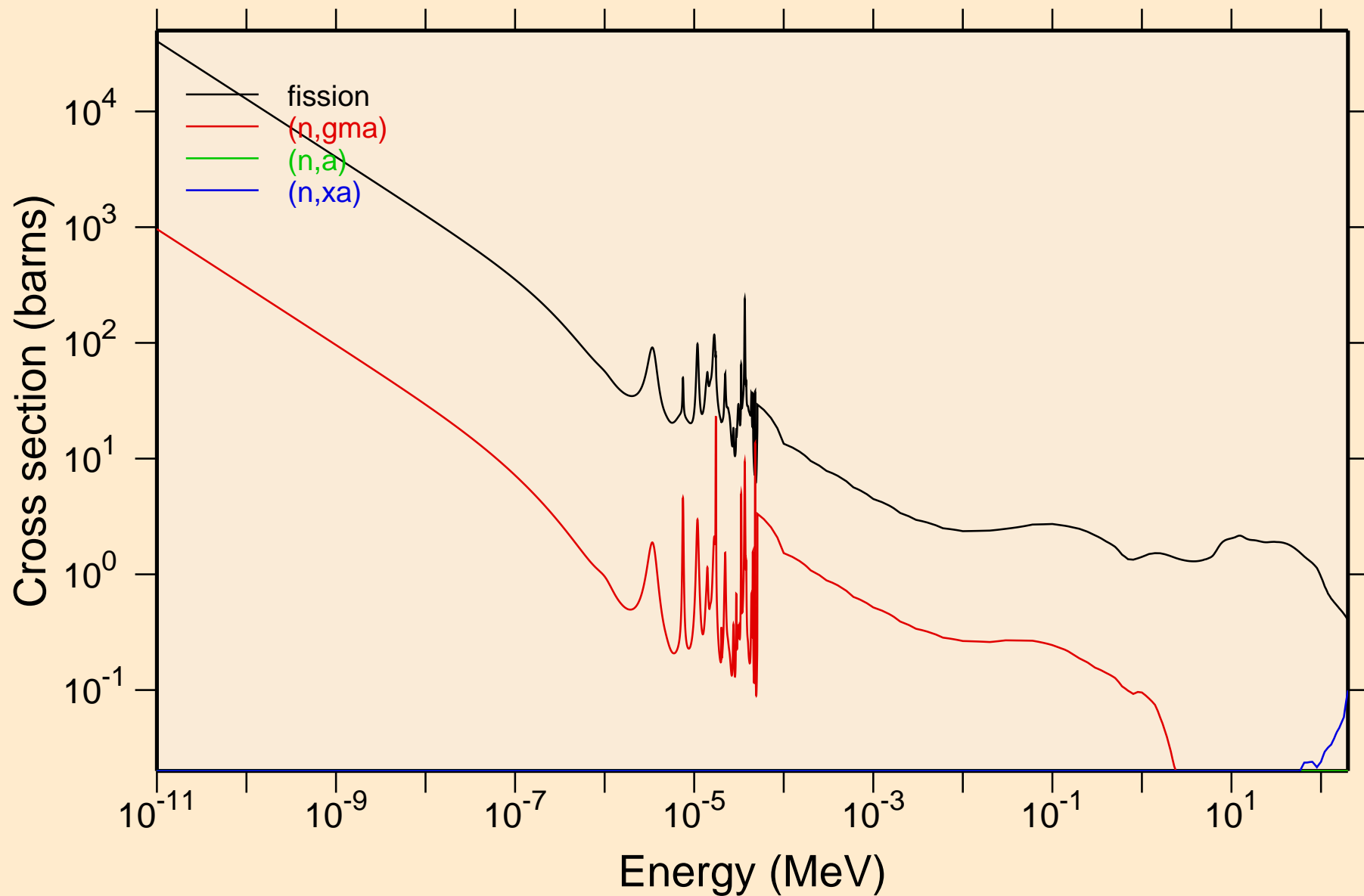


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



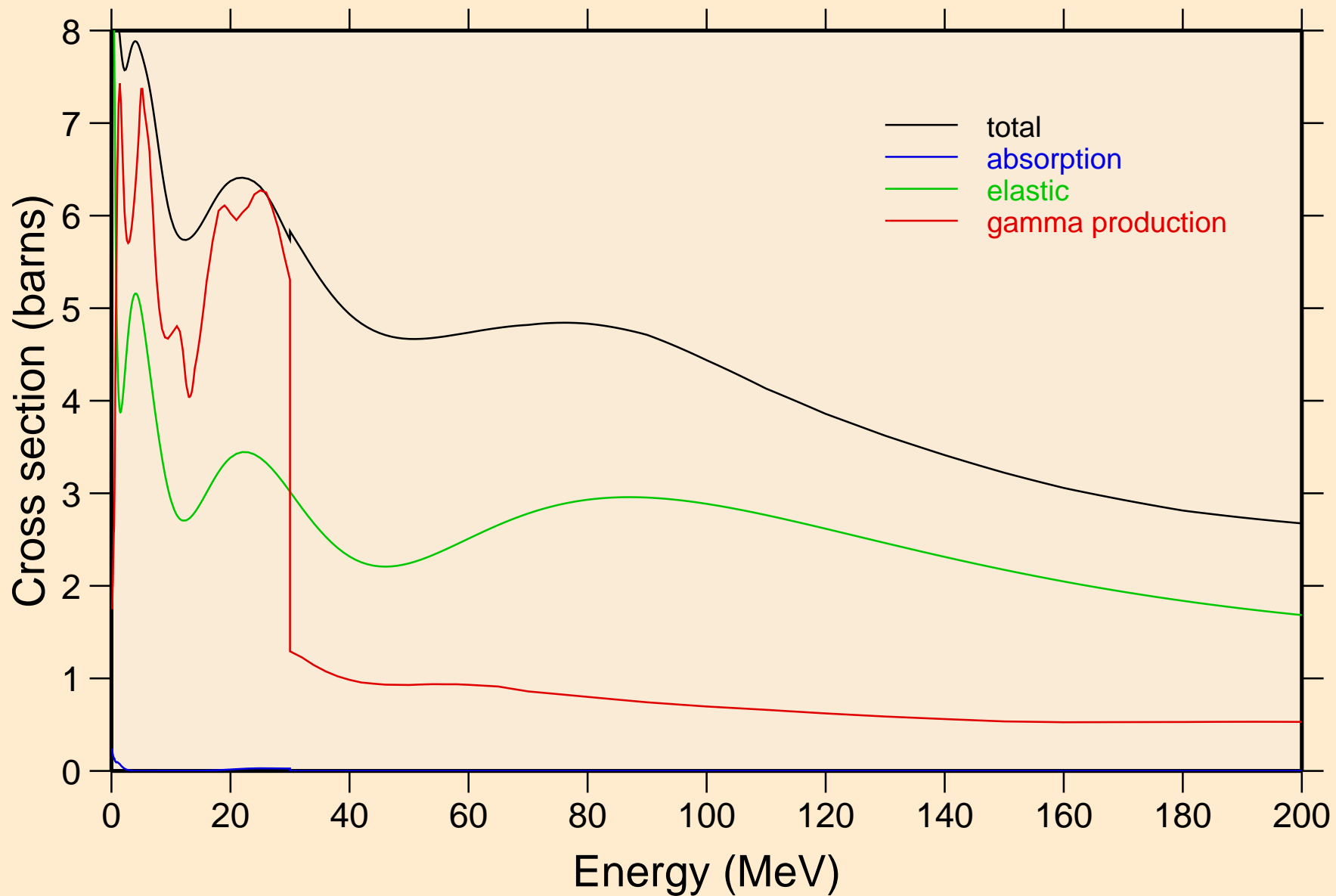
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Non-threshold reactions

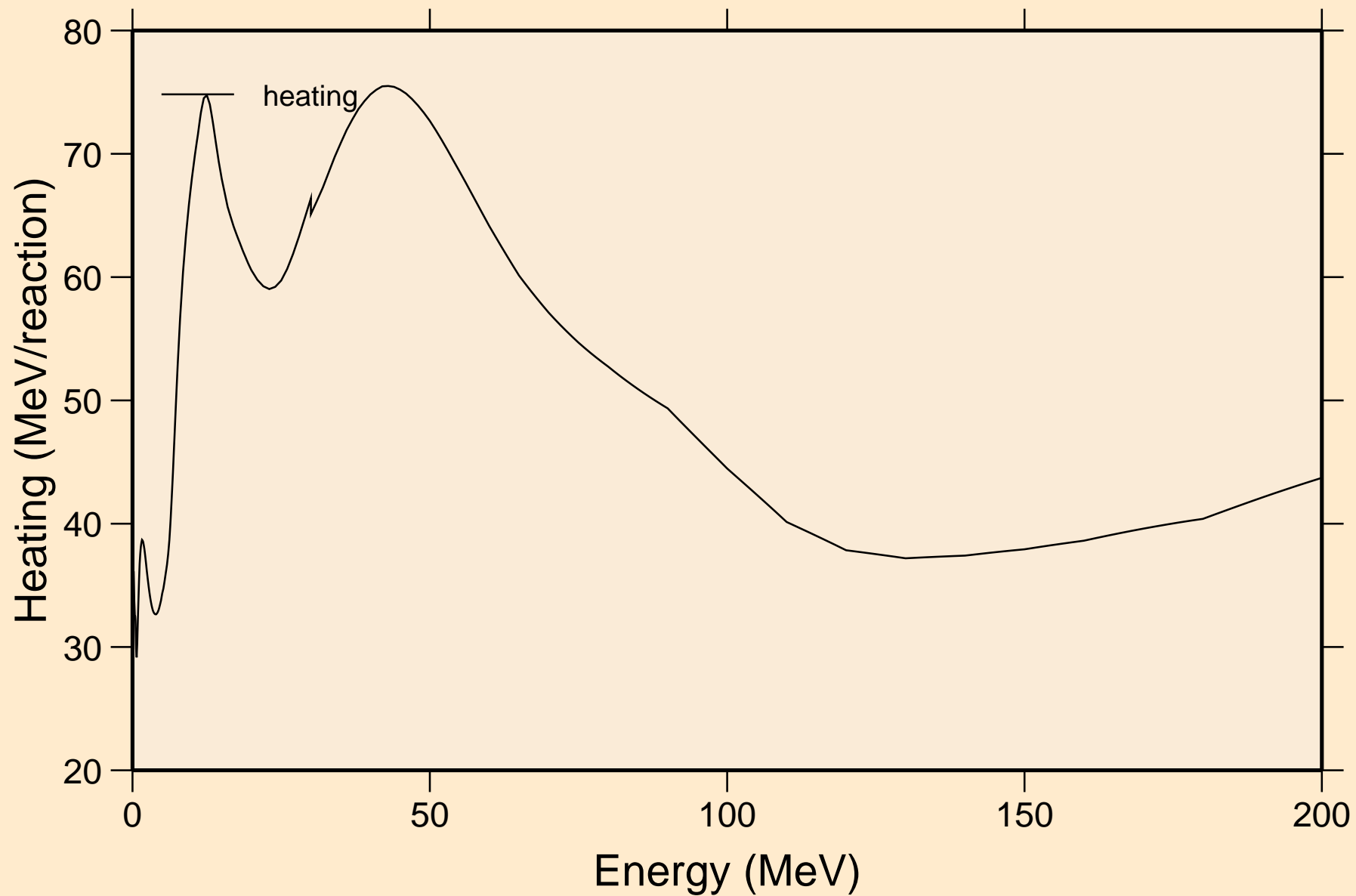


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

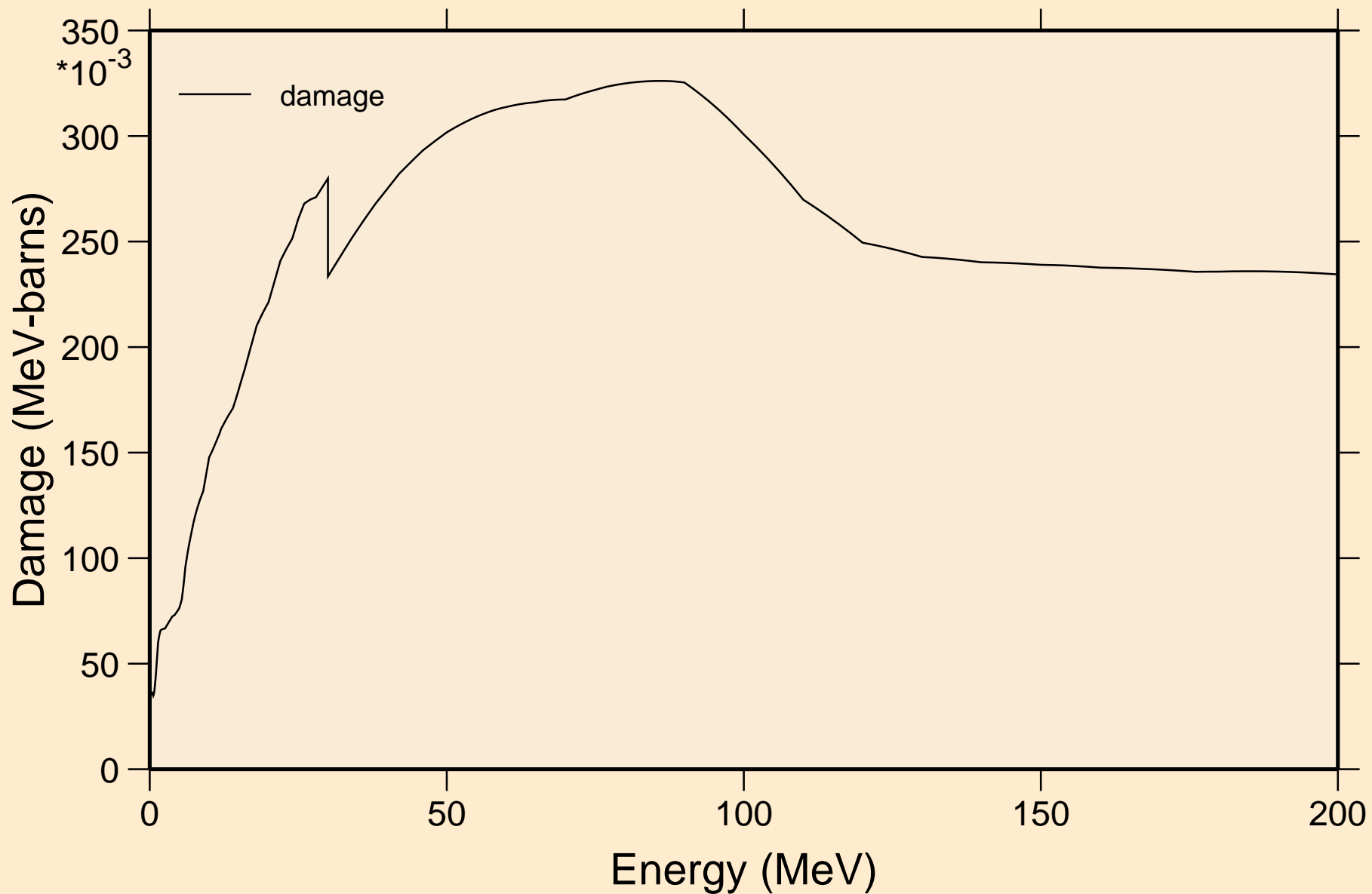
Principal cross sections



CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating

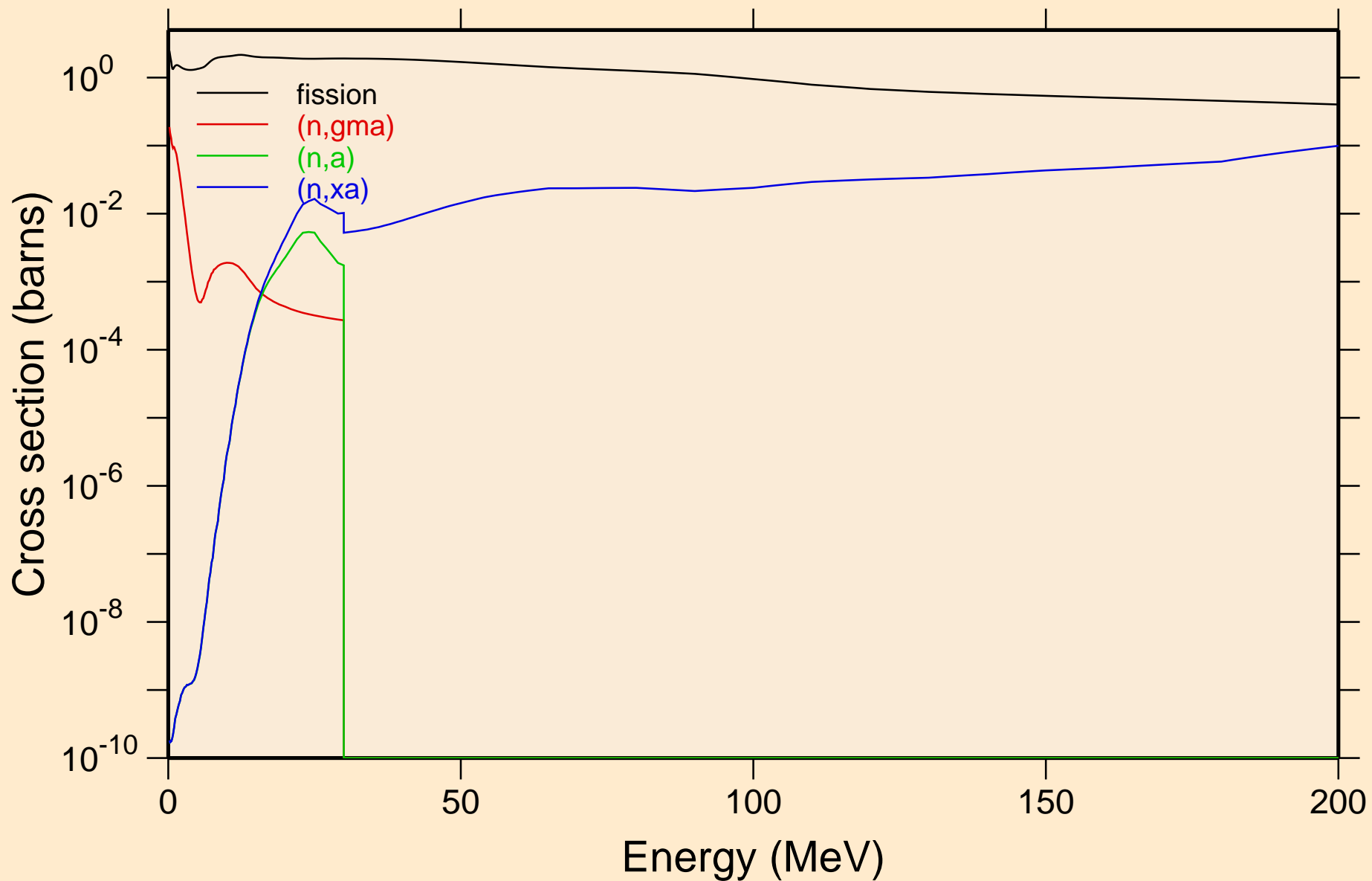


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage

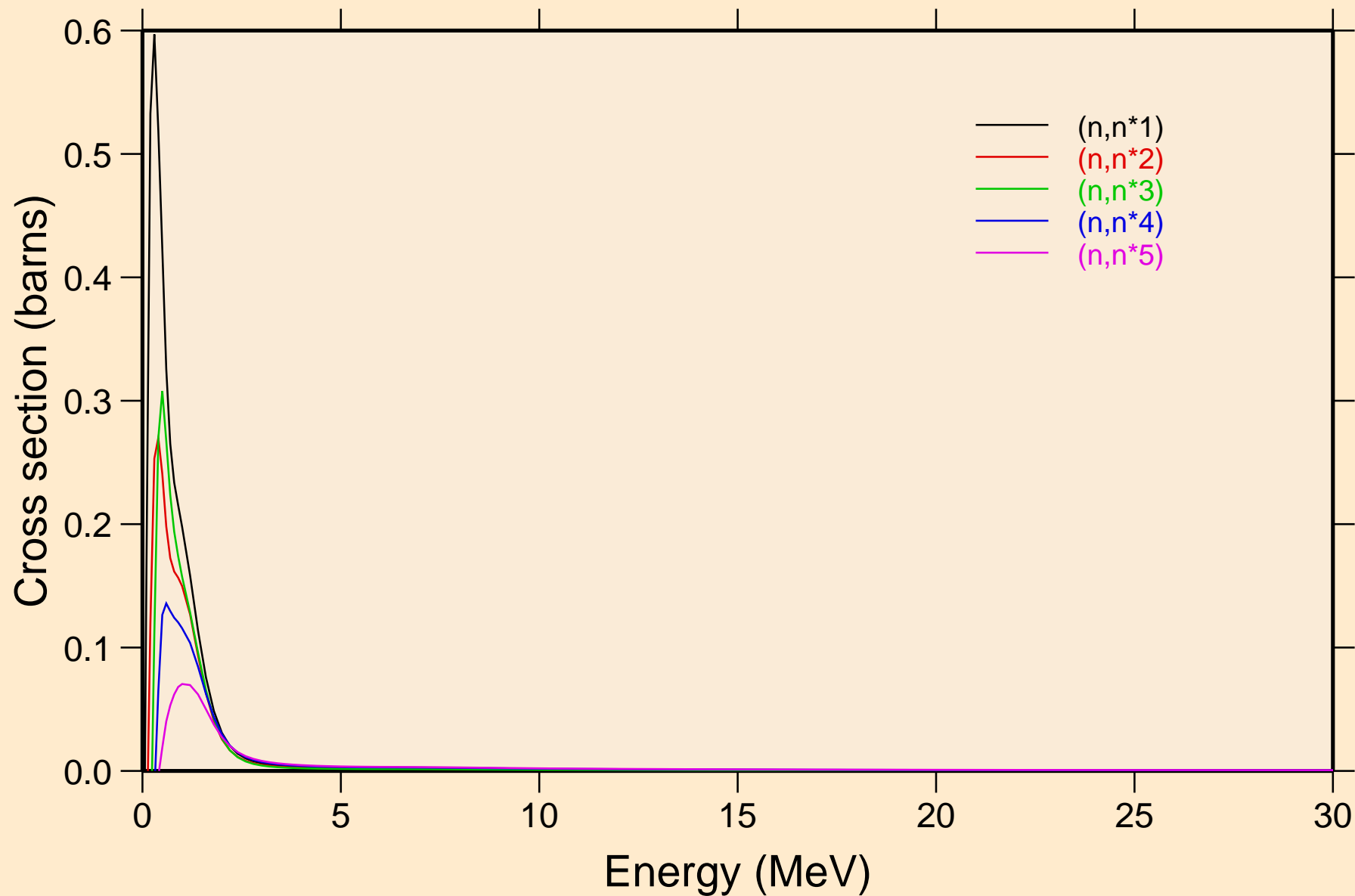


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

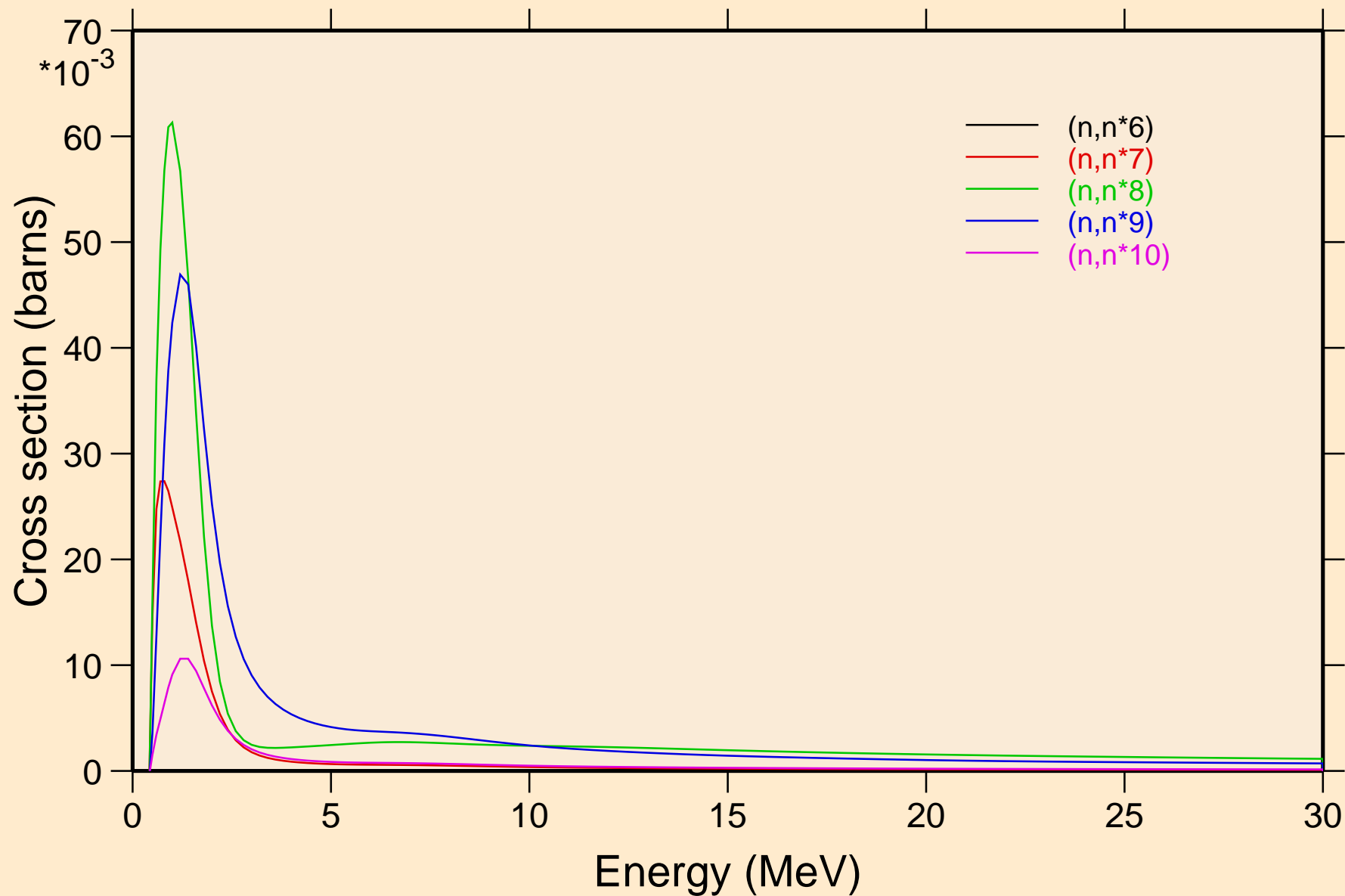
Non-threshold reactions



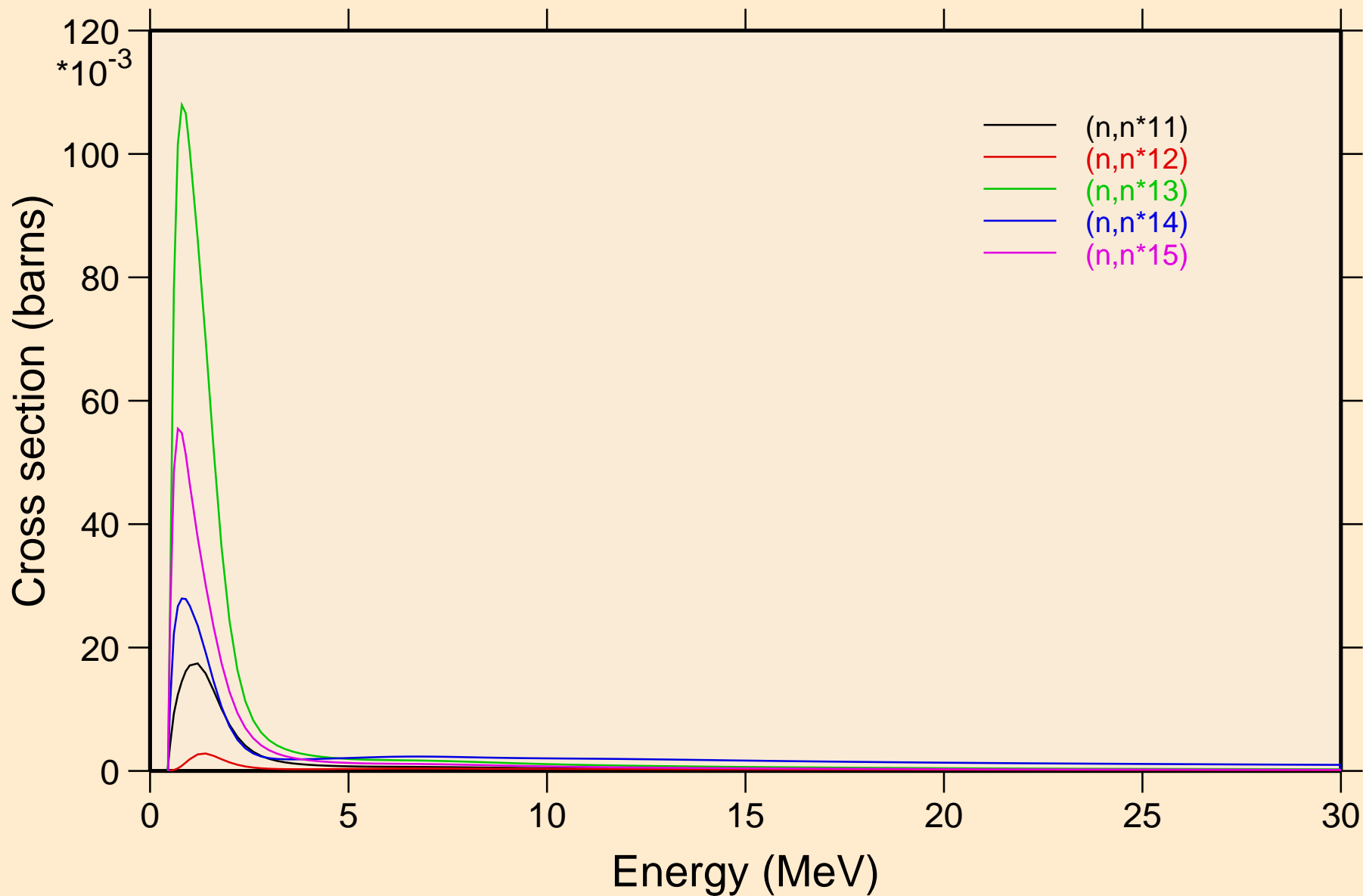
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



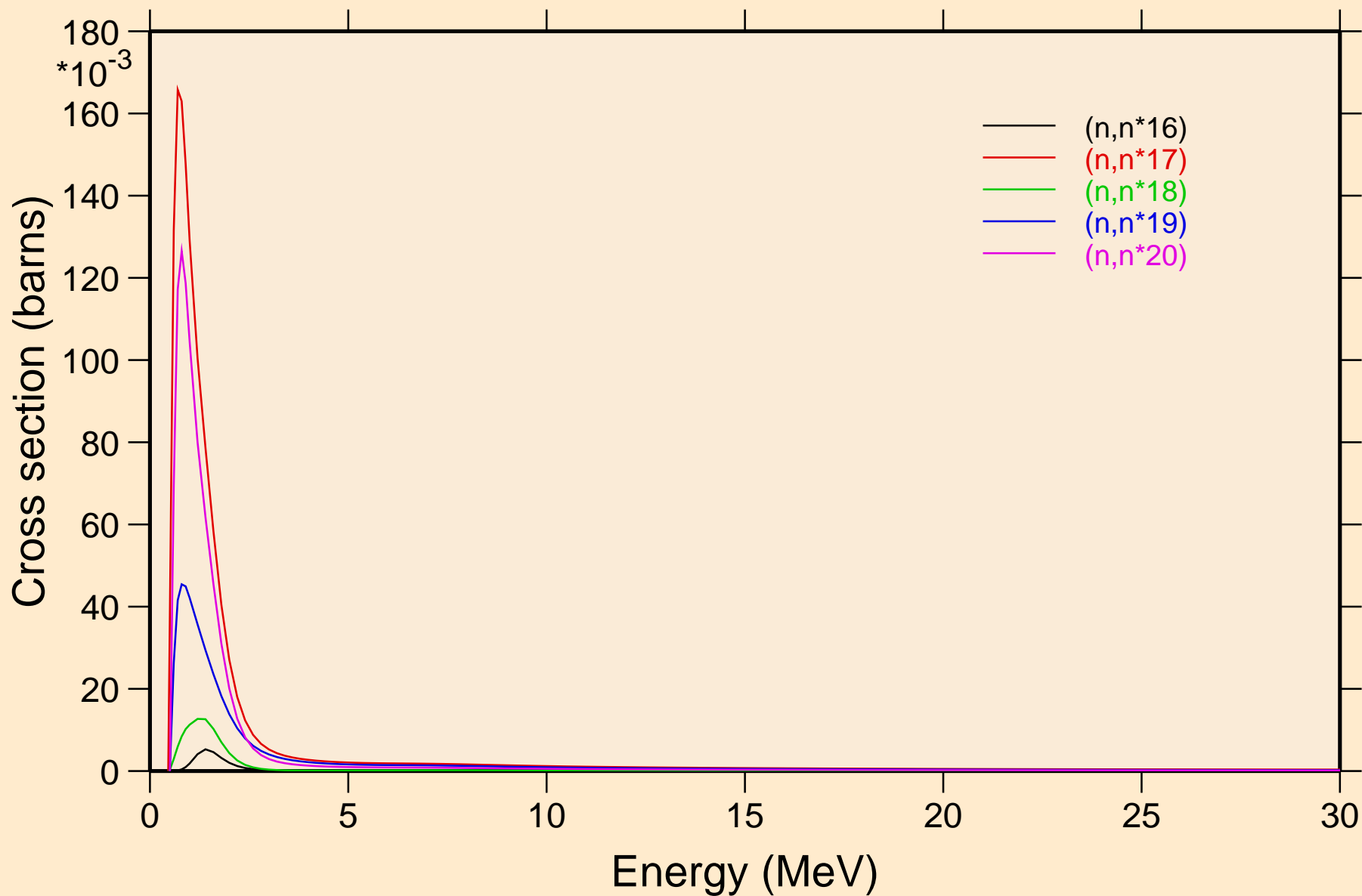
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



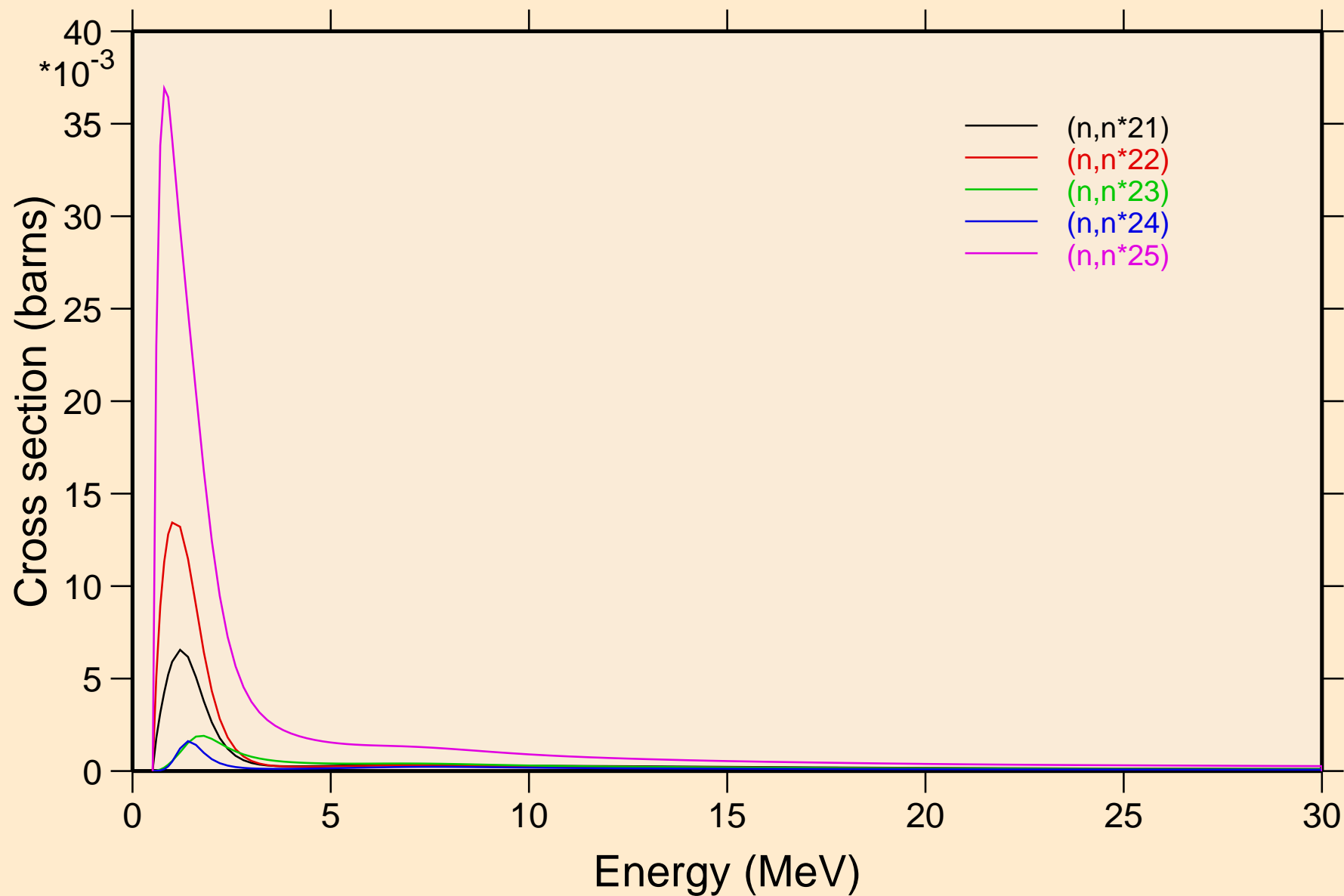
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



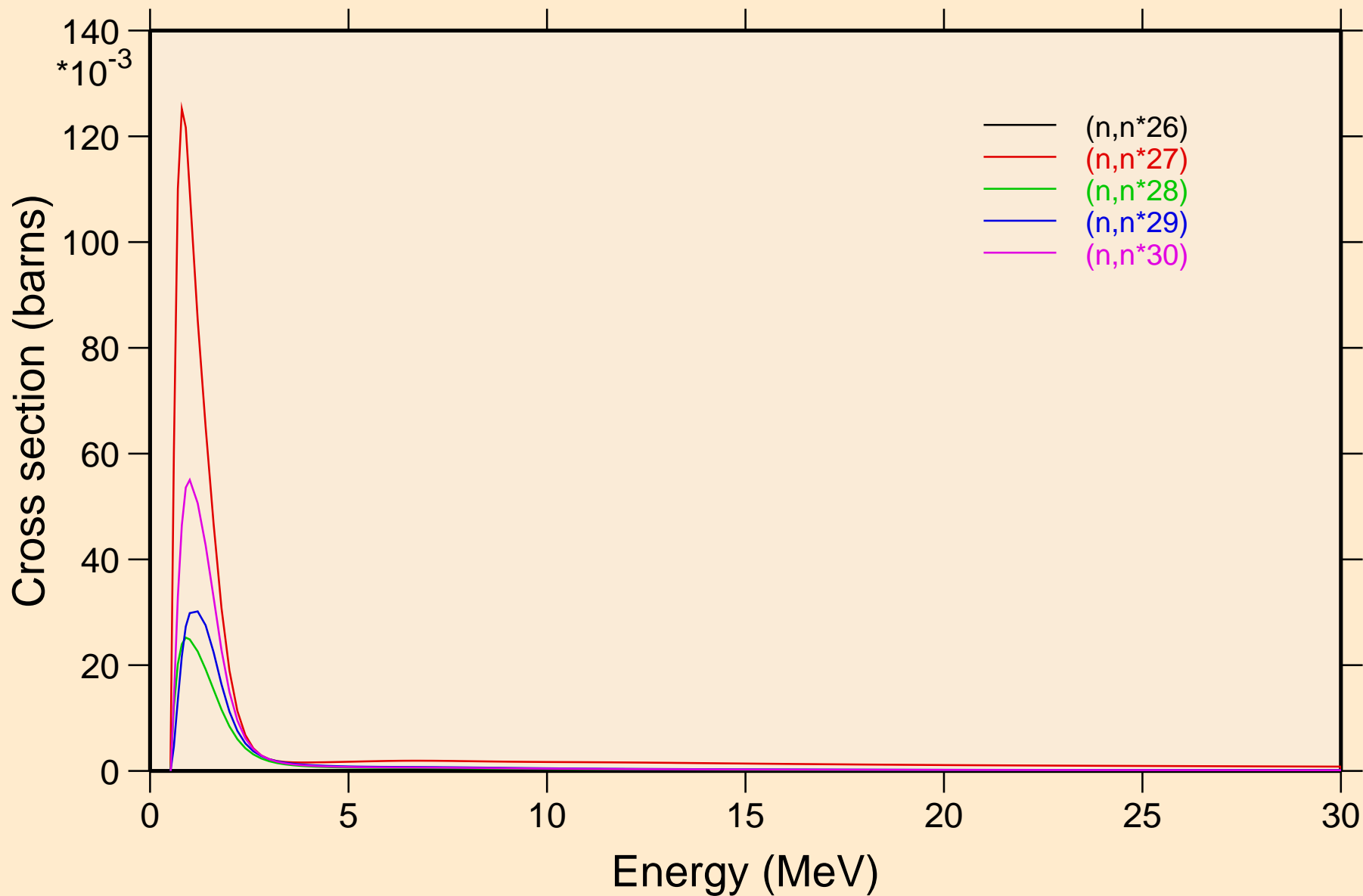
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

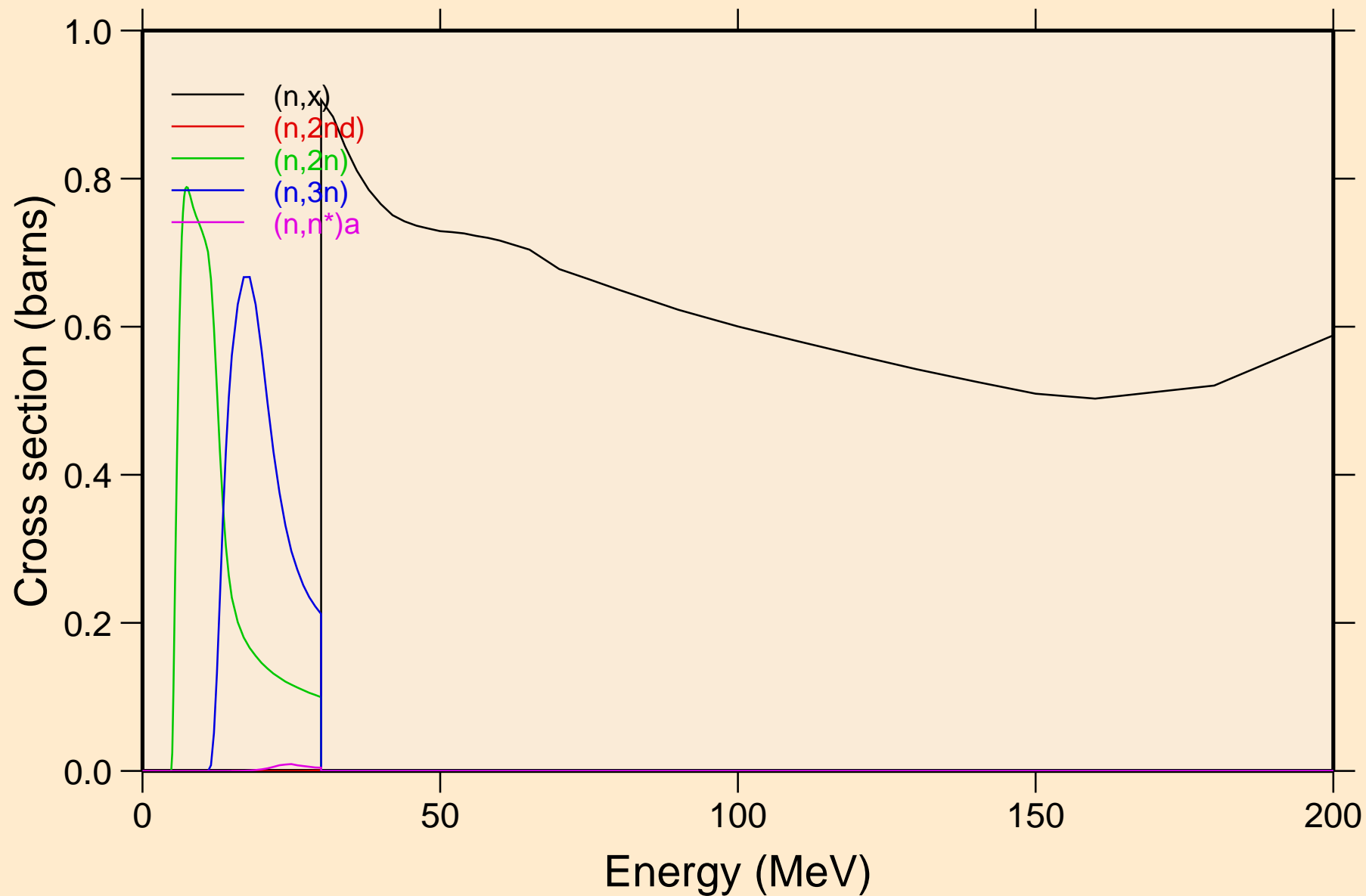


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



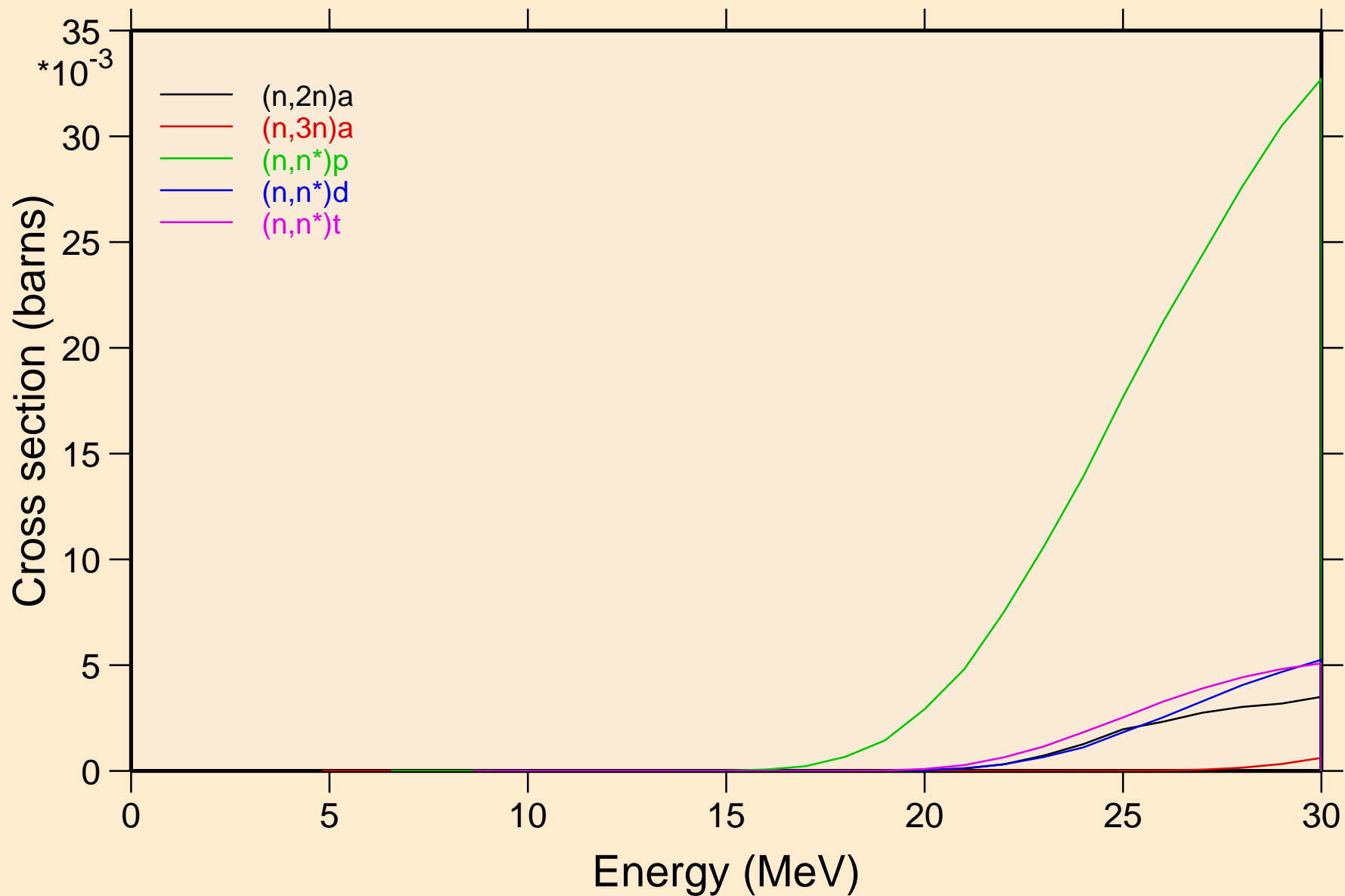
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

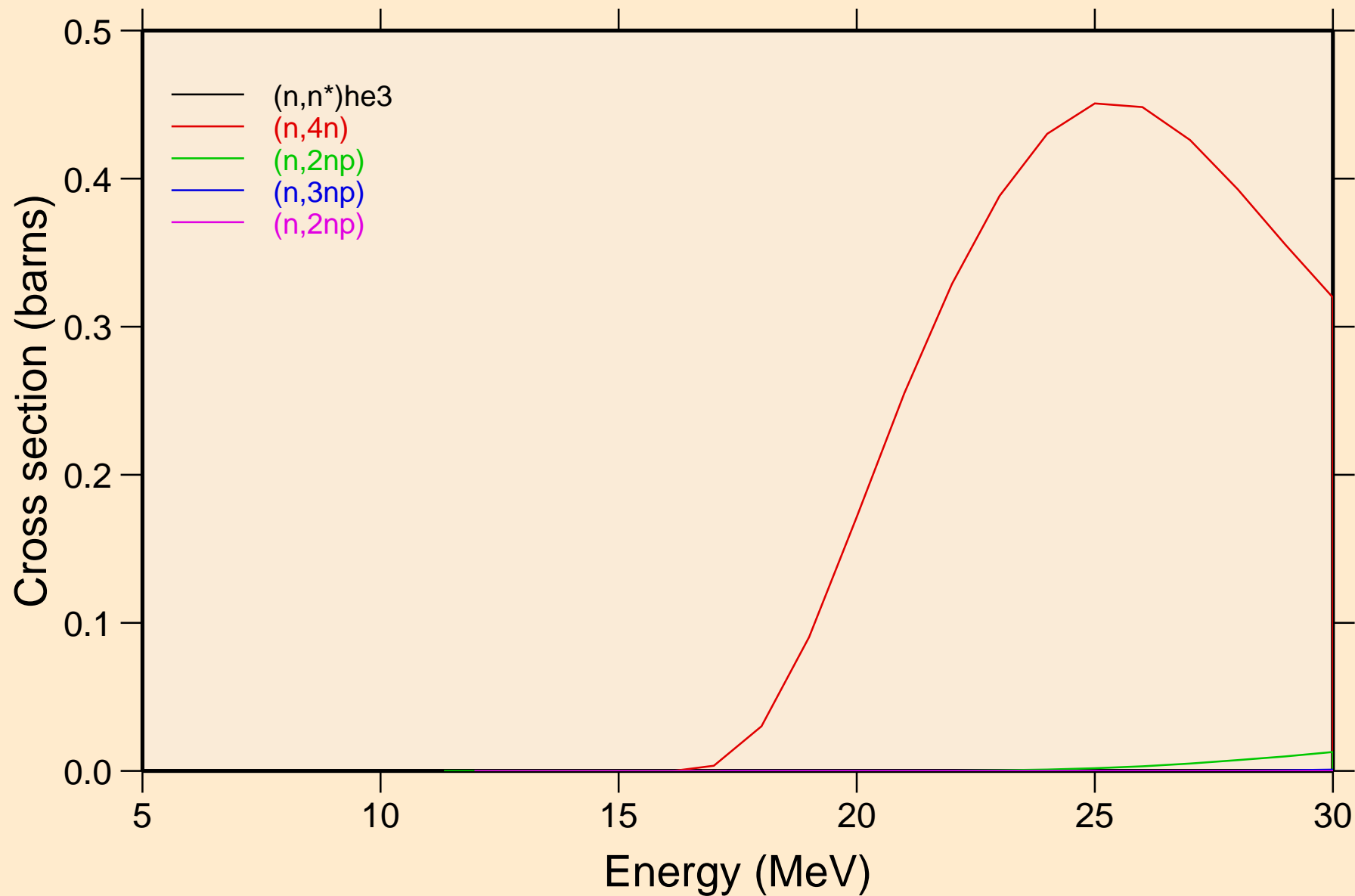


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

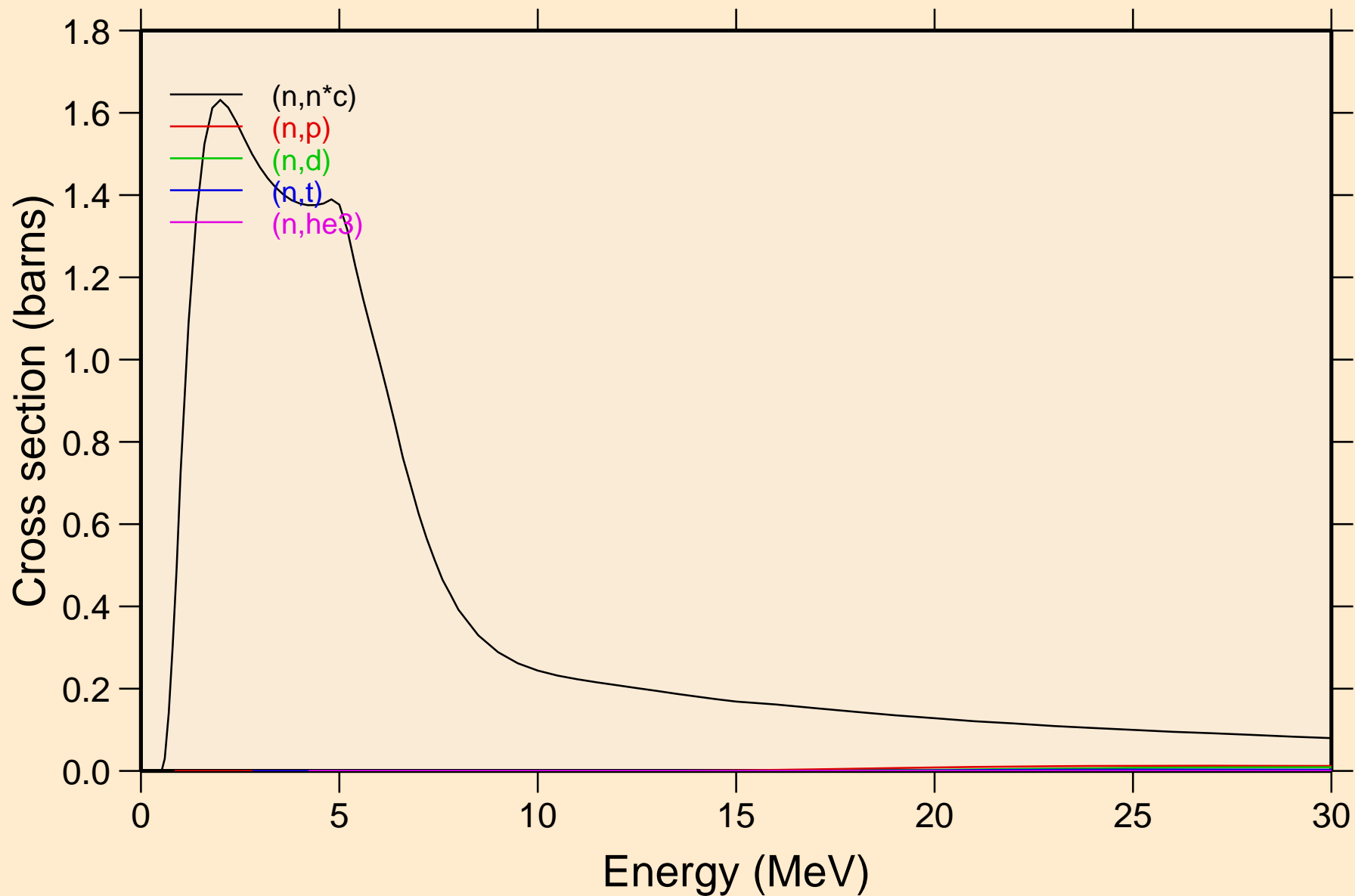


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

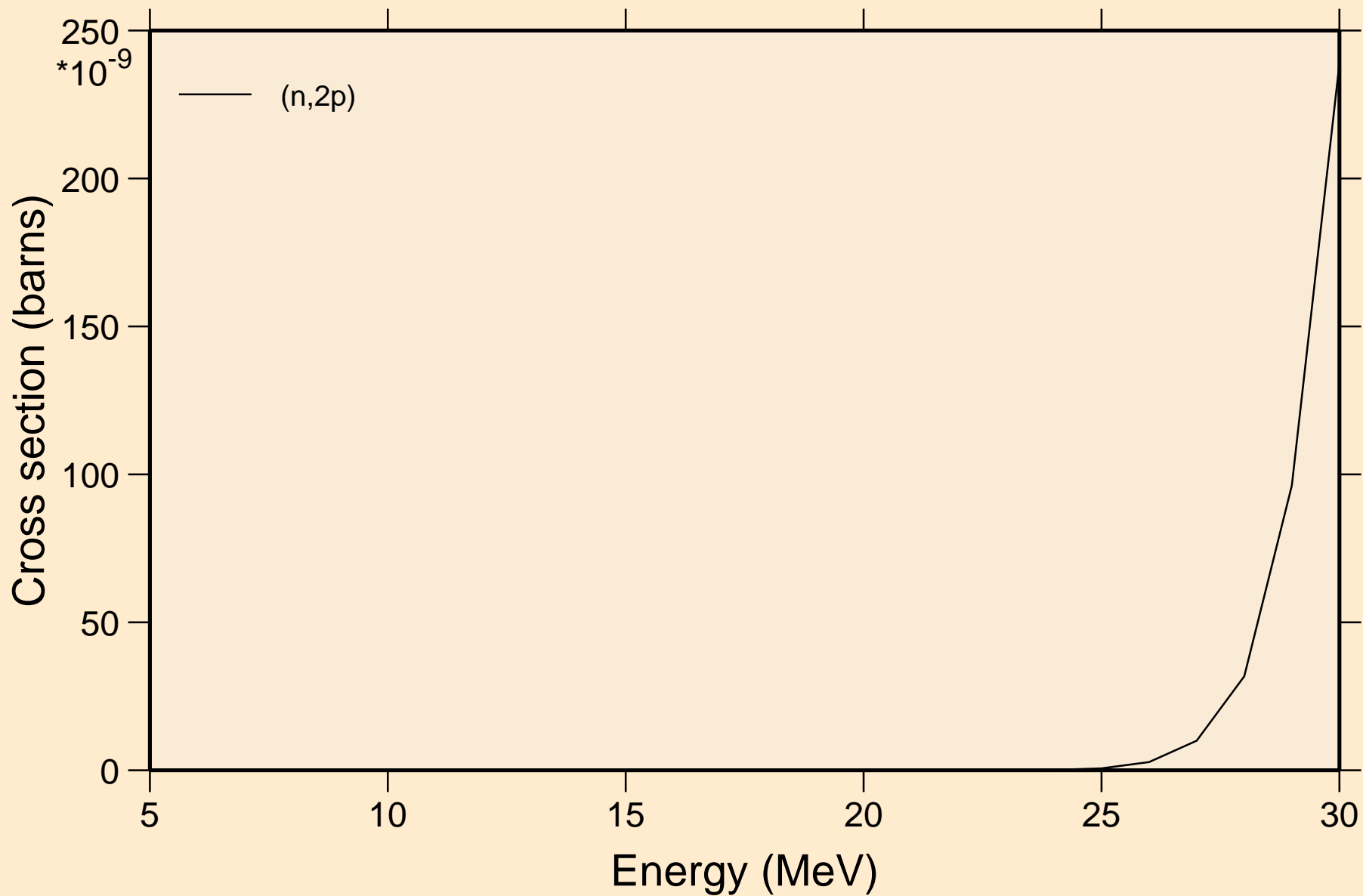


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

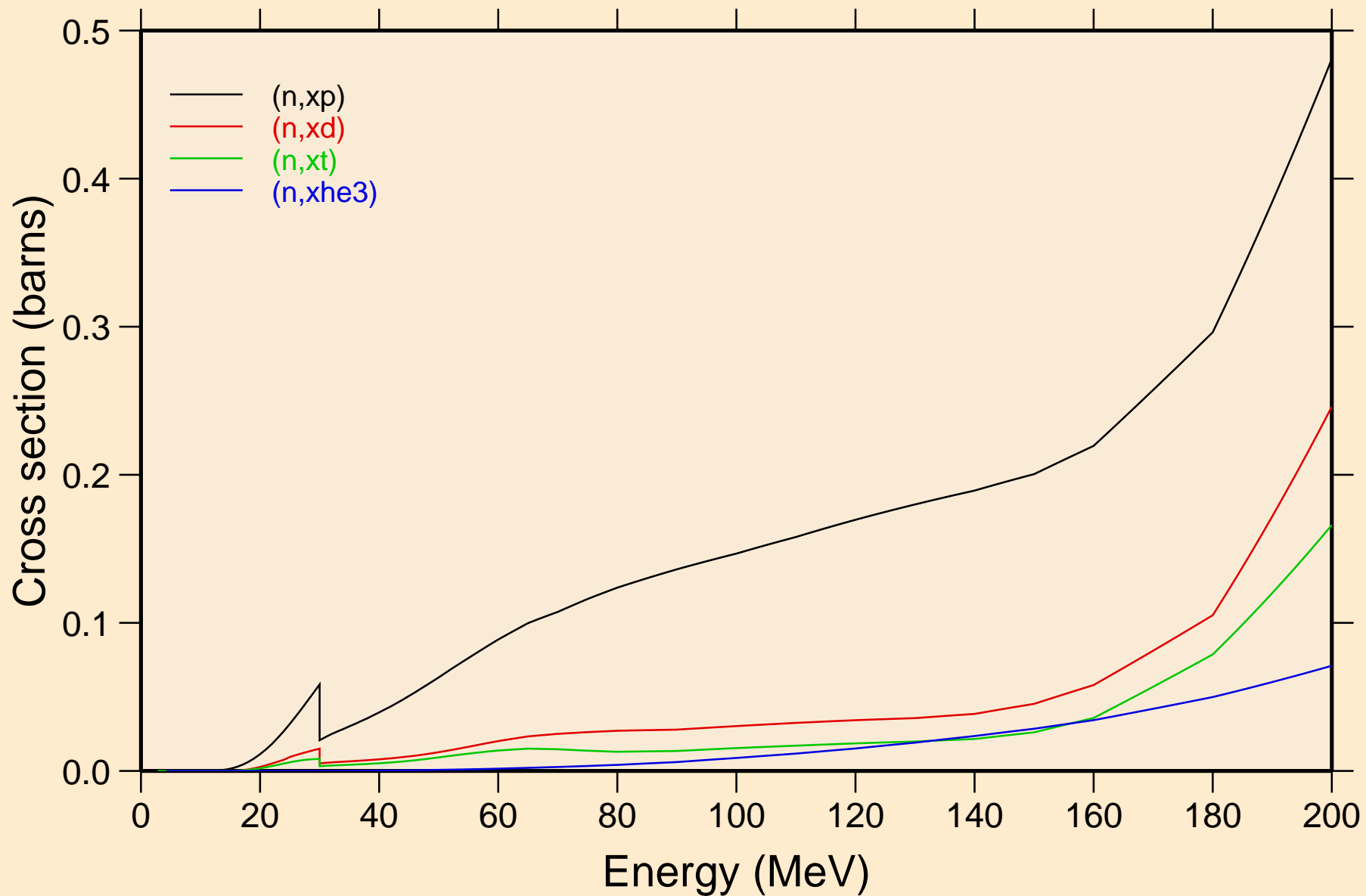


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

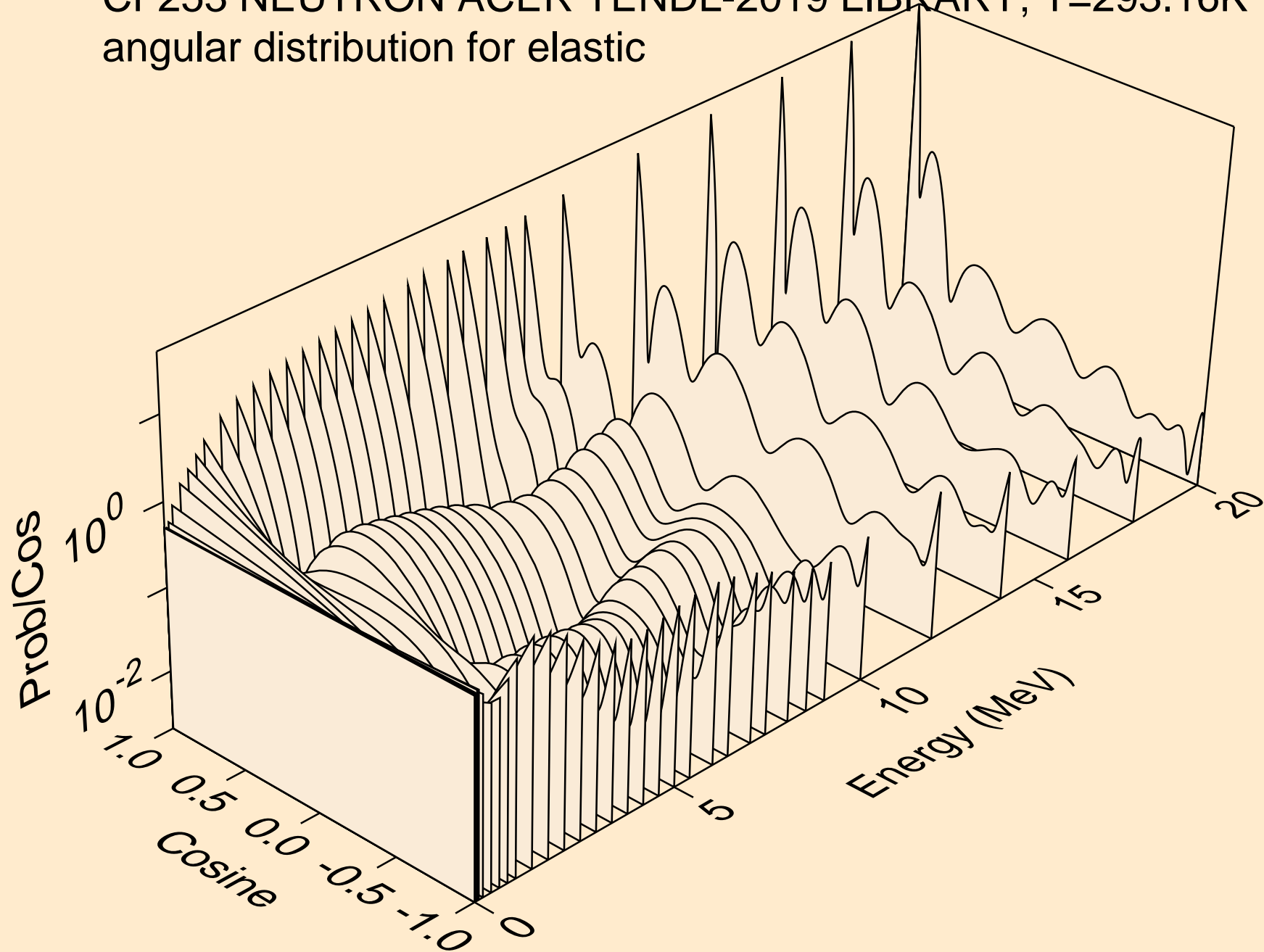


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

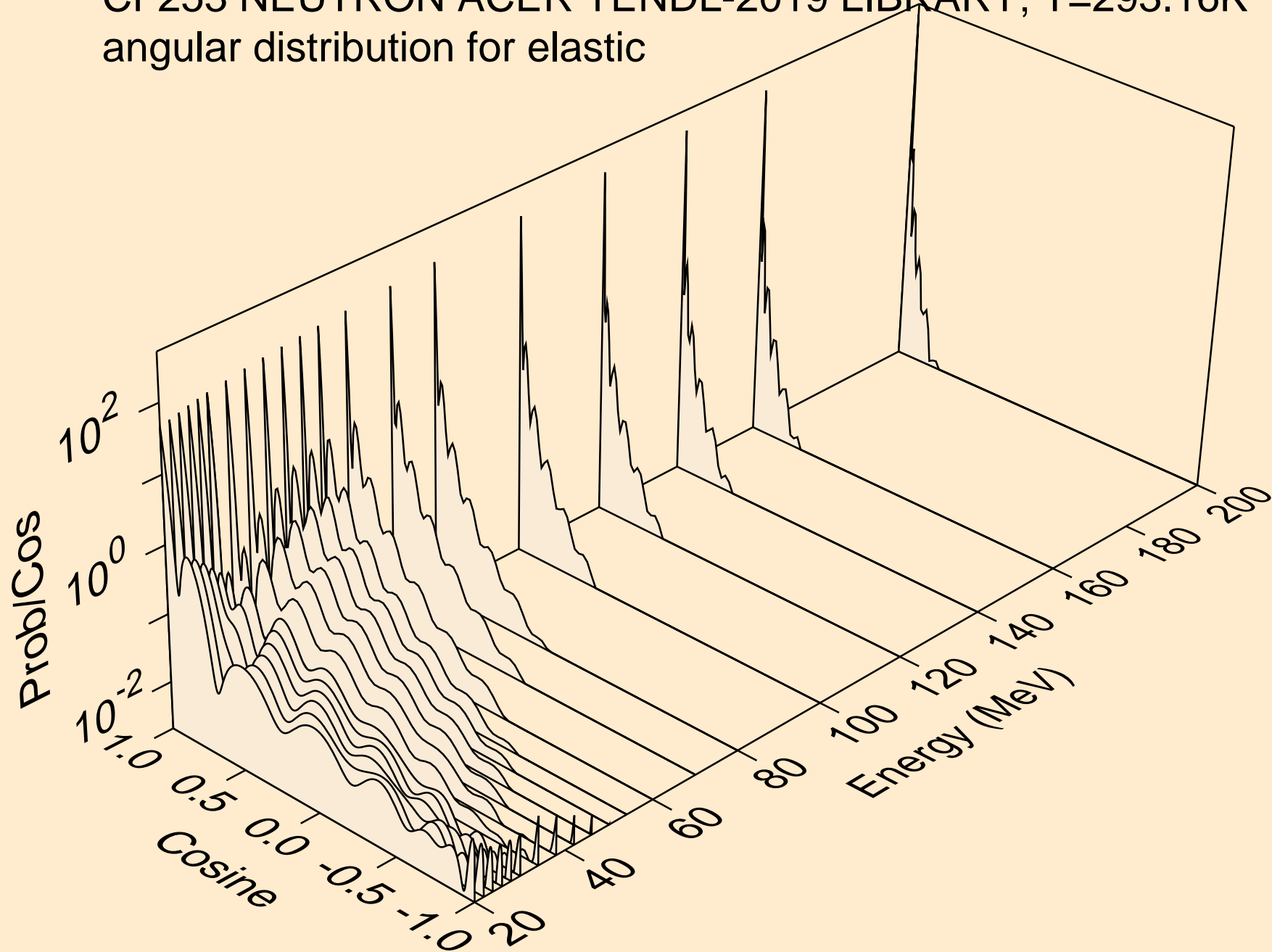
Threshold reactions



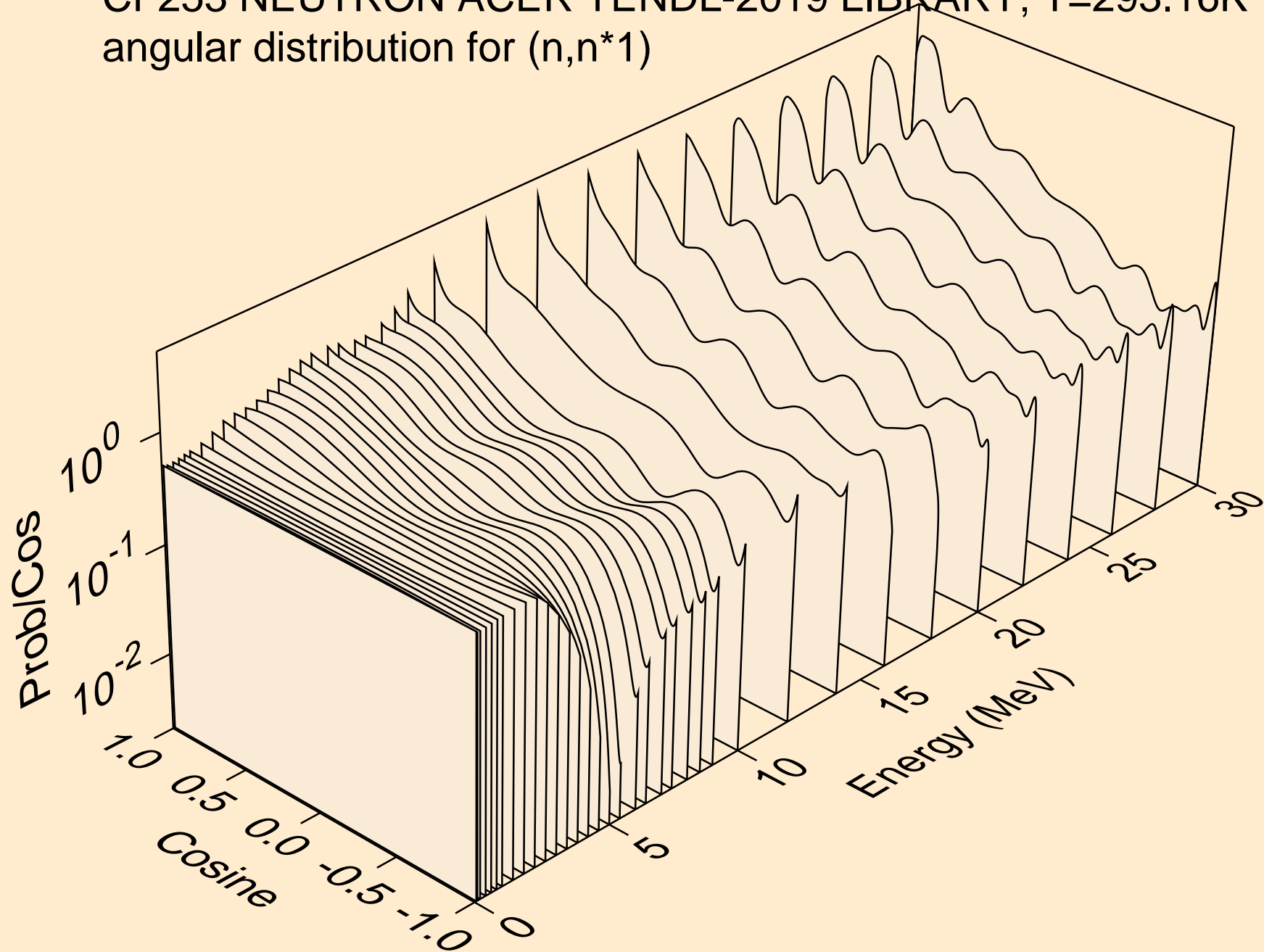
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



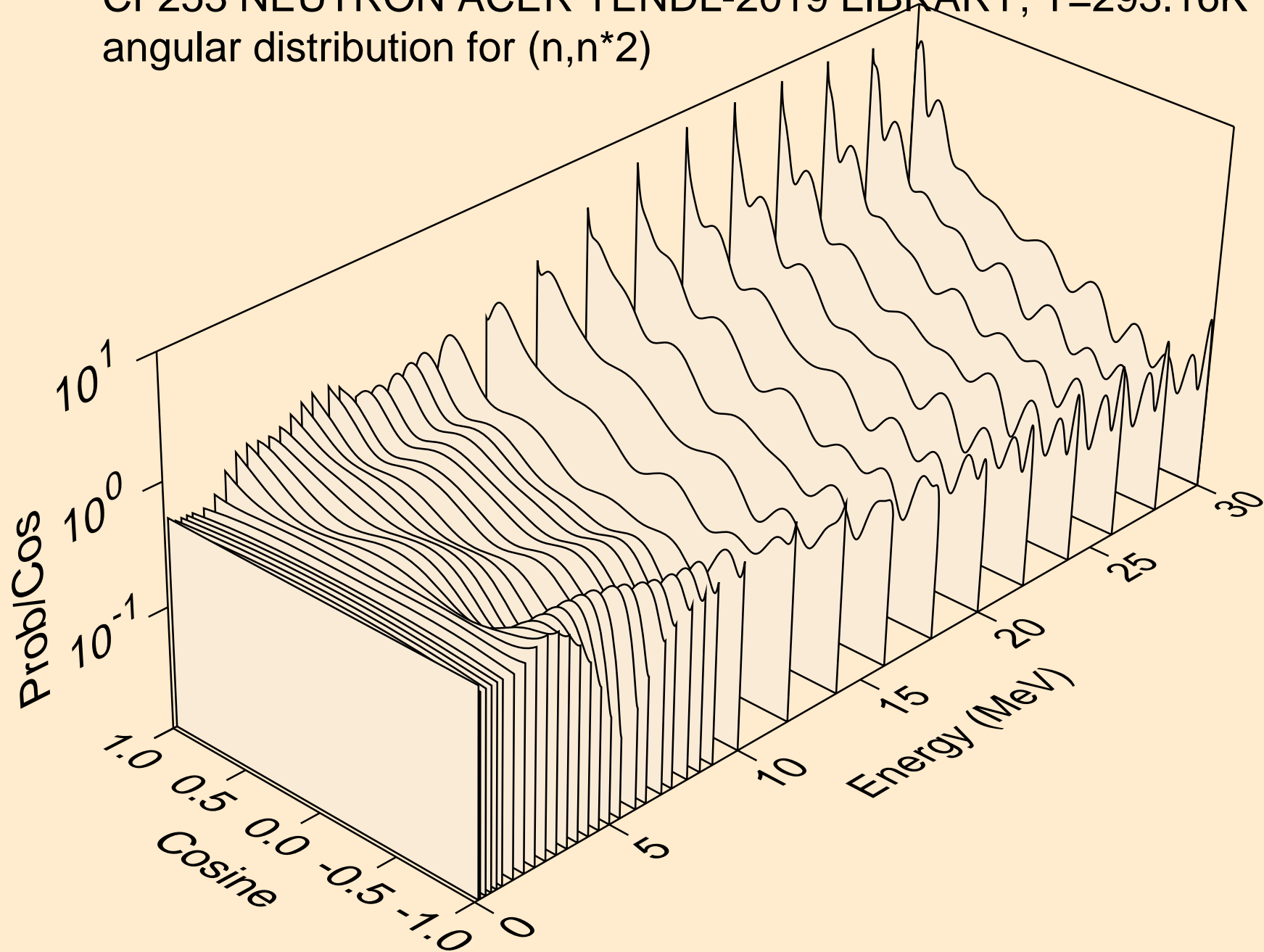
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



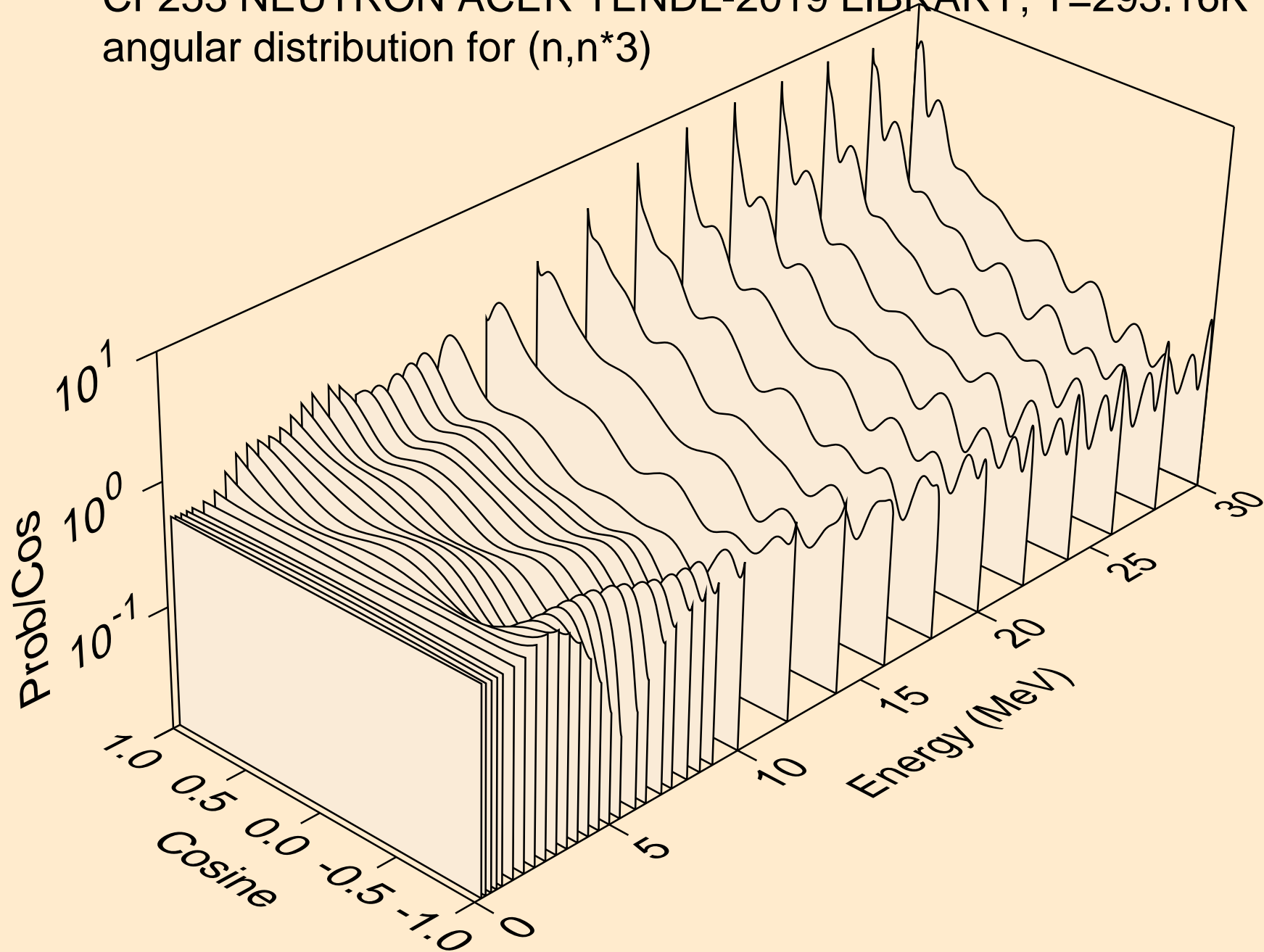
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



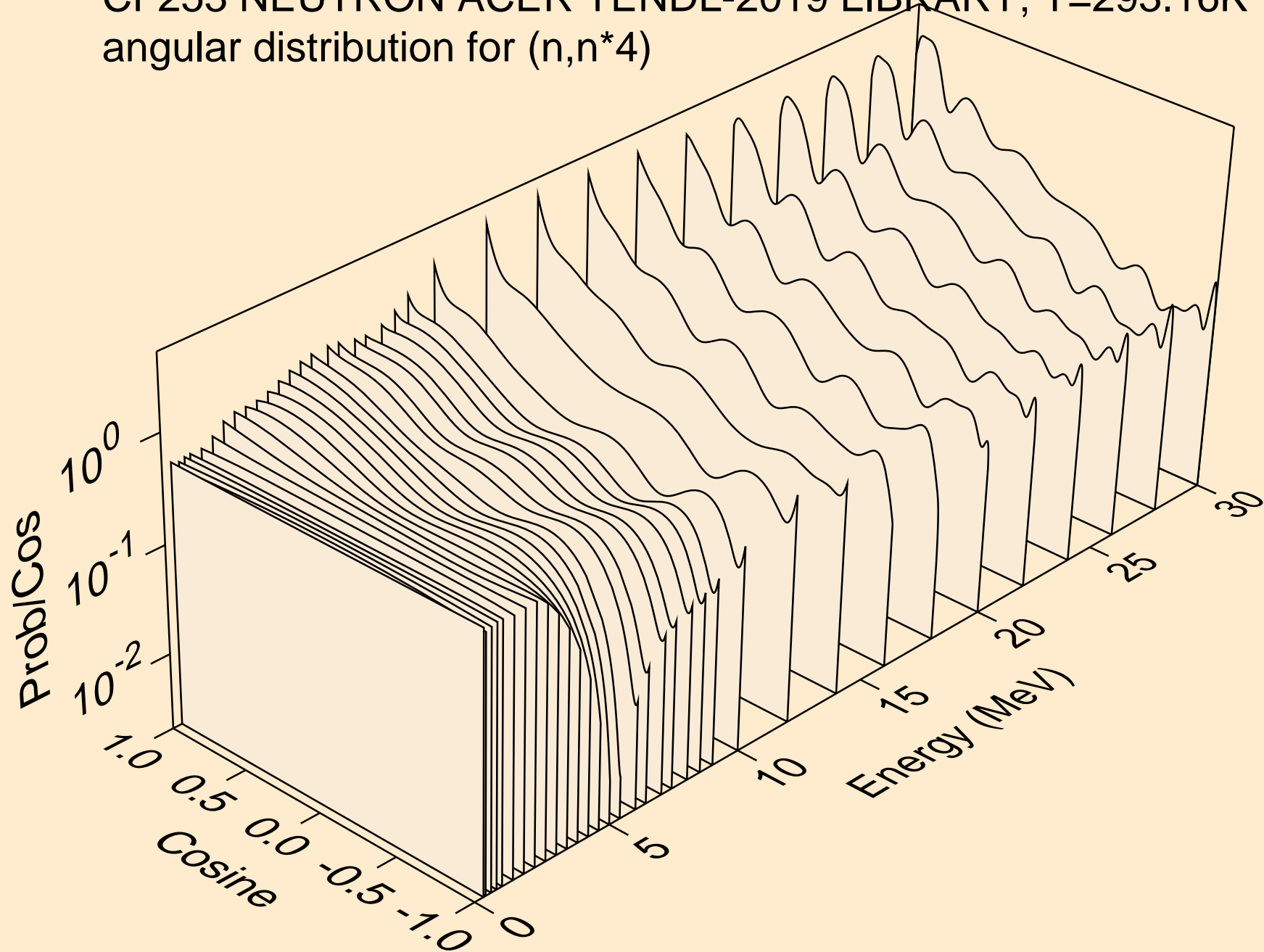
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



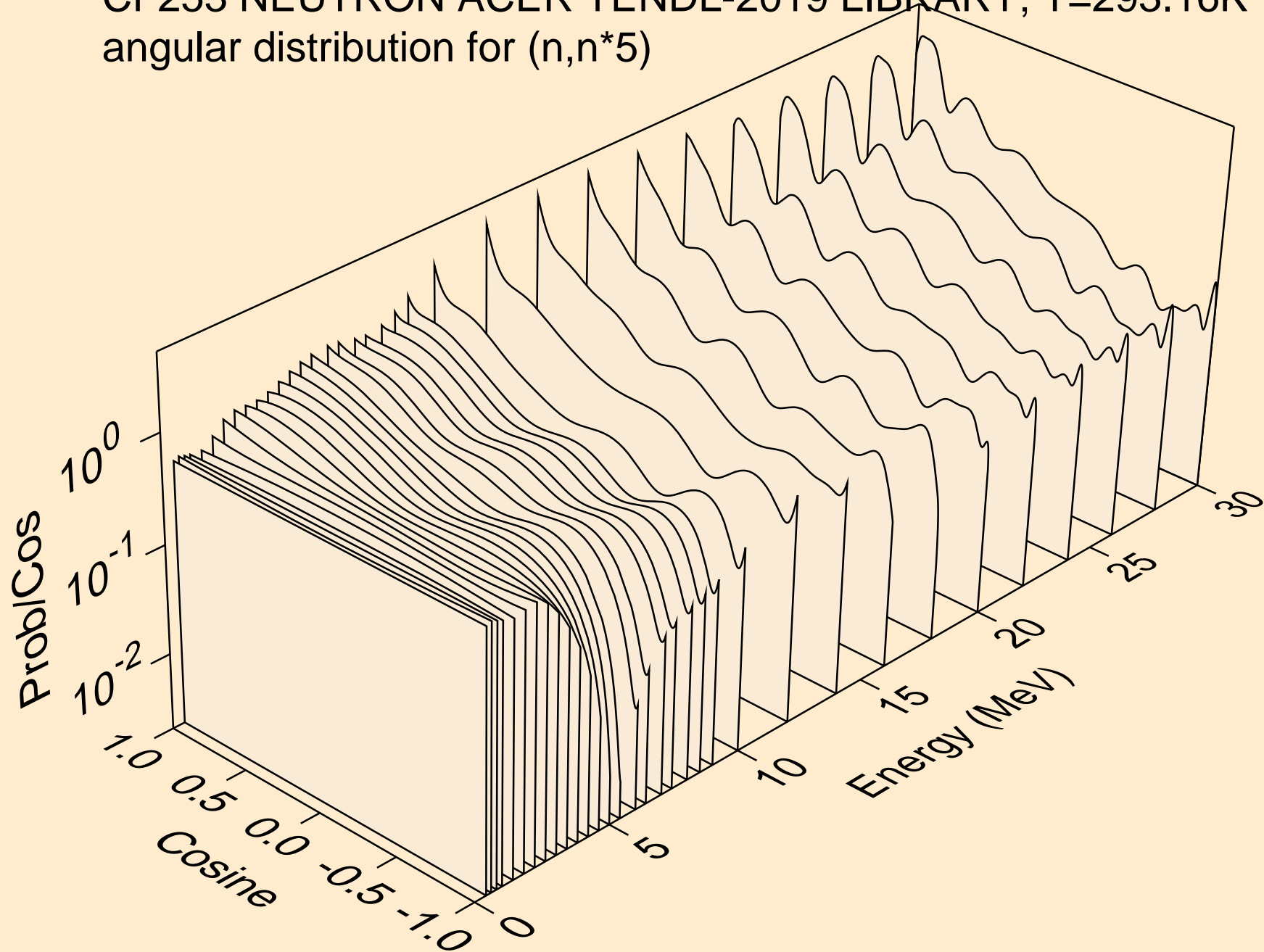
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



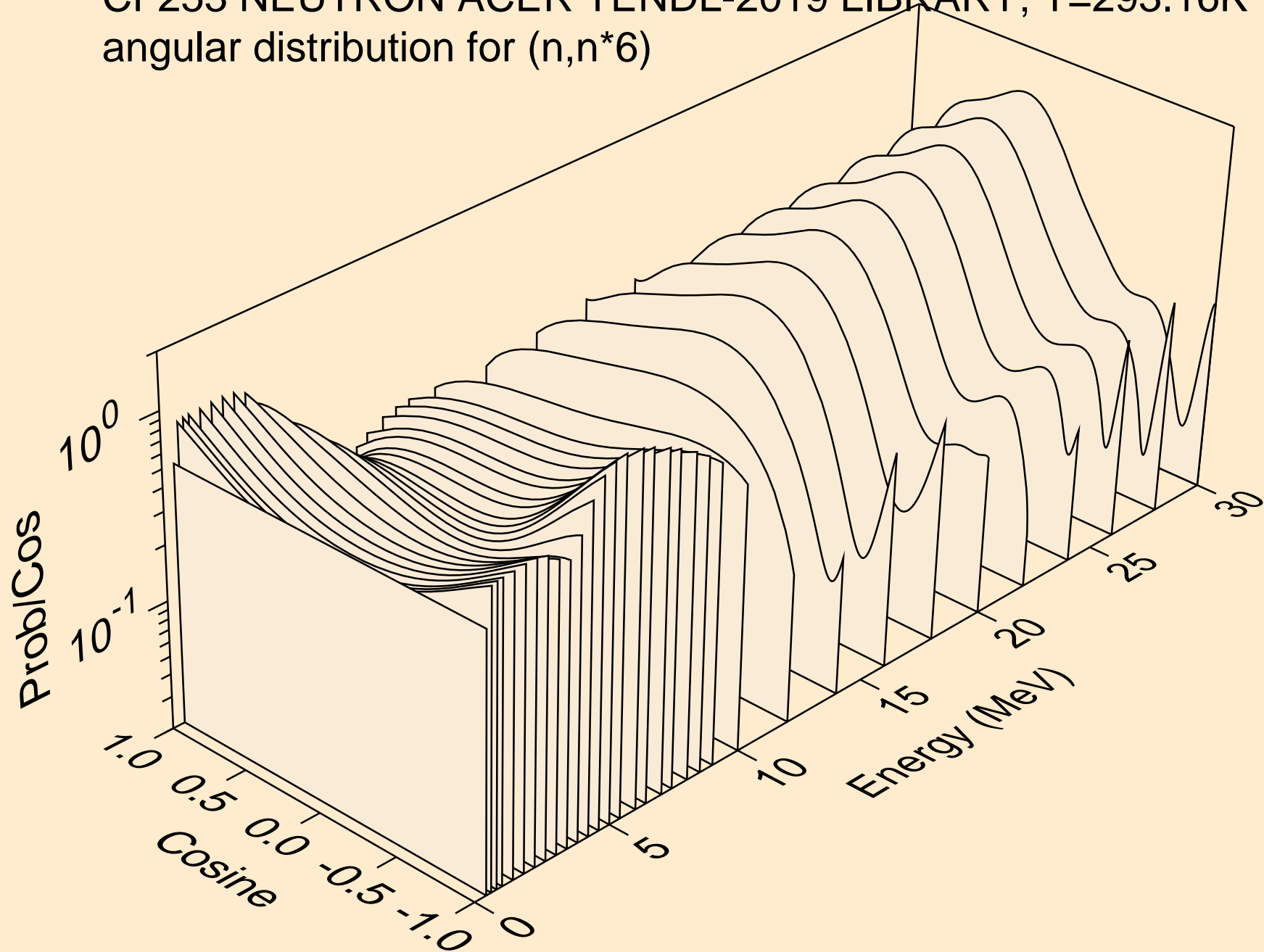
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



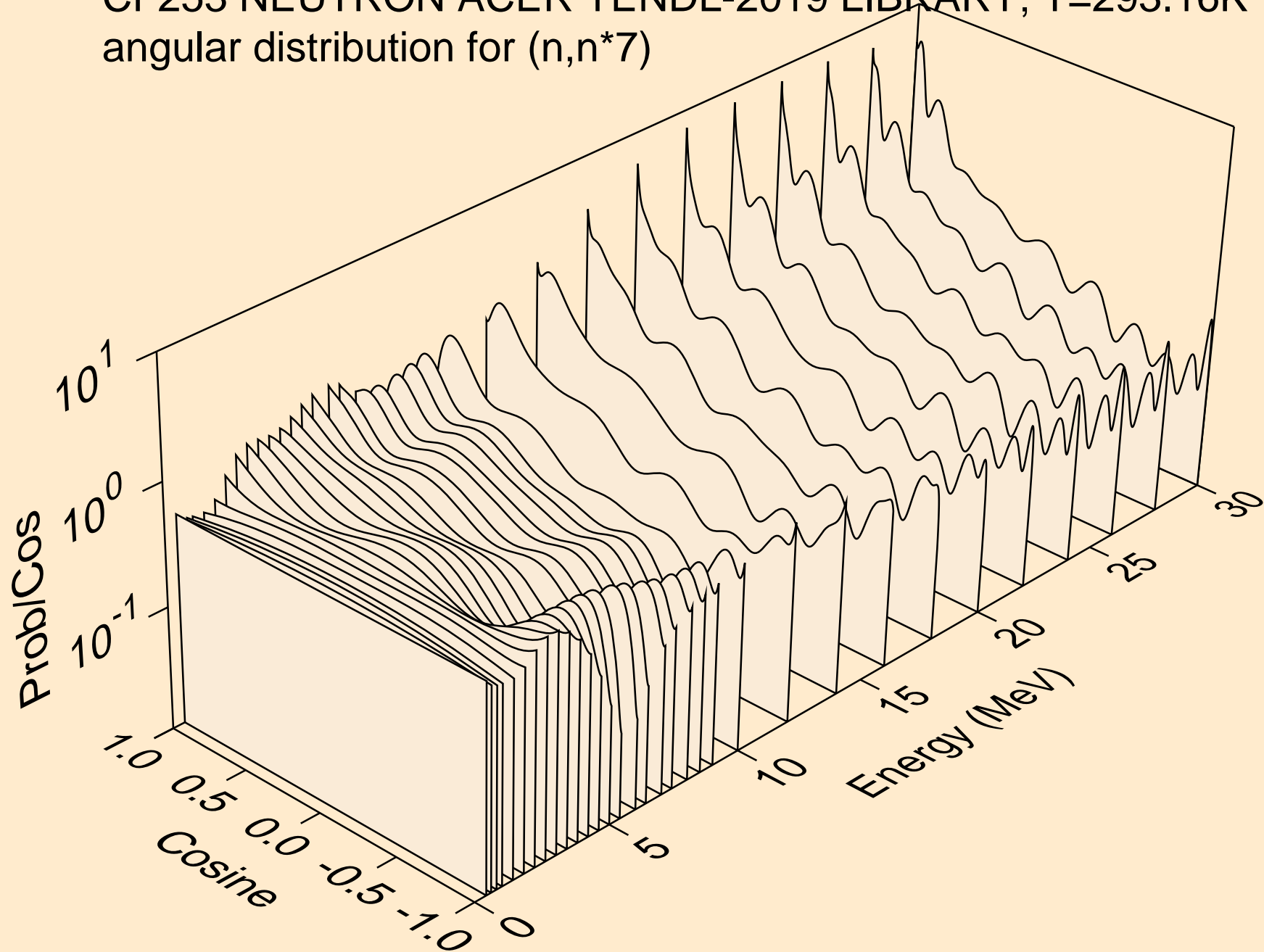
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



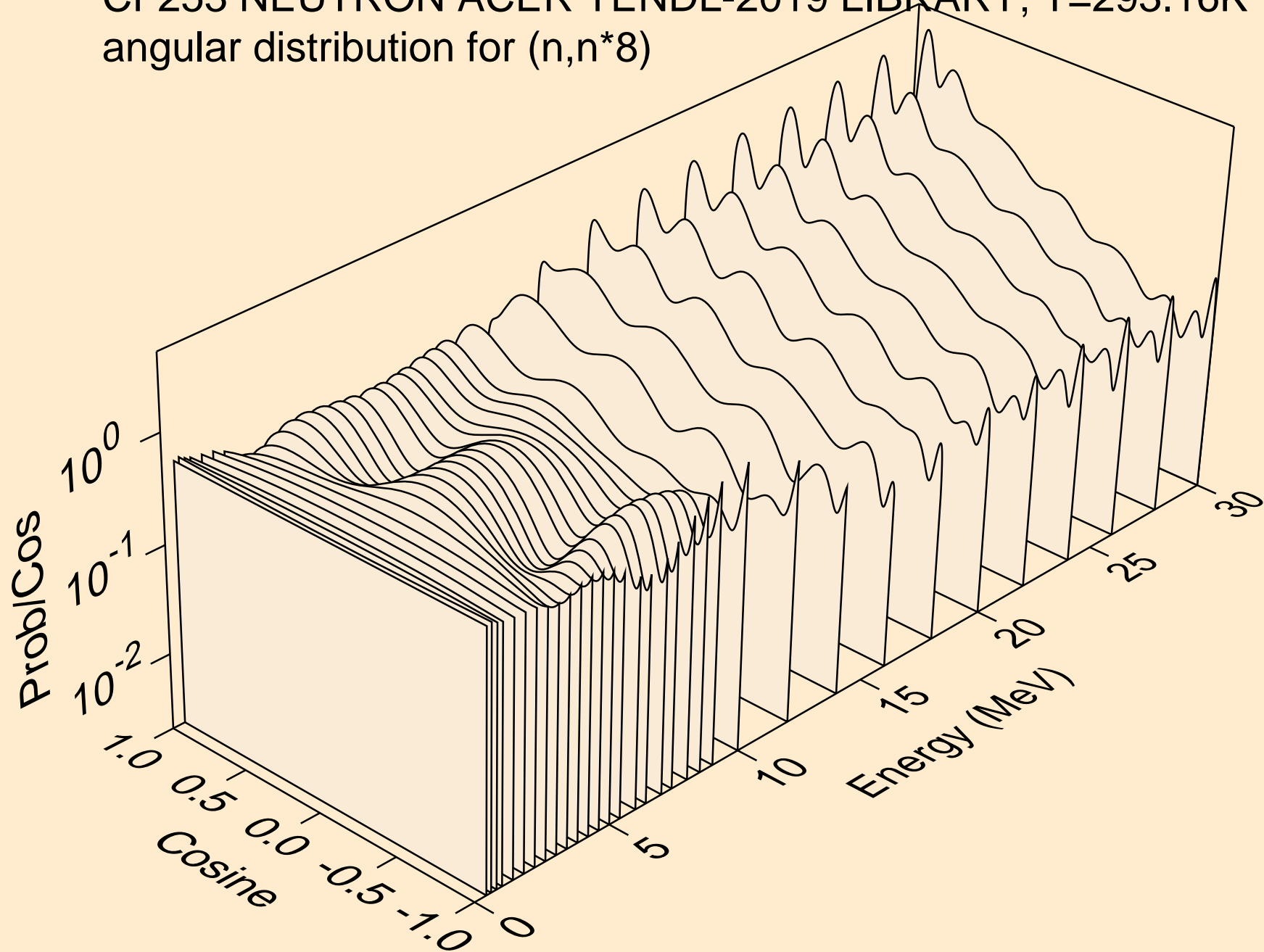
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



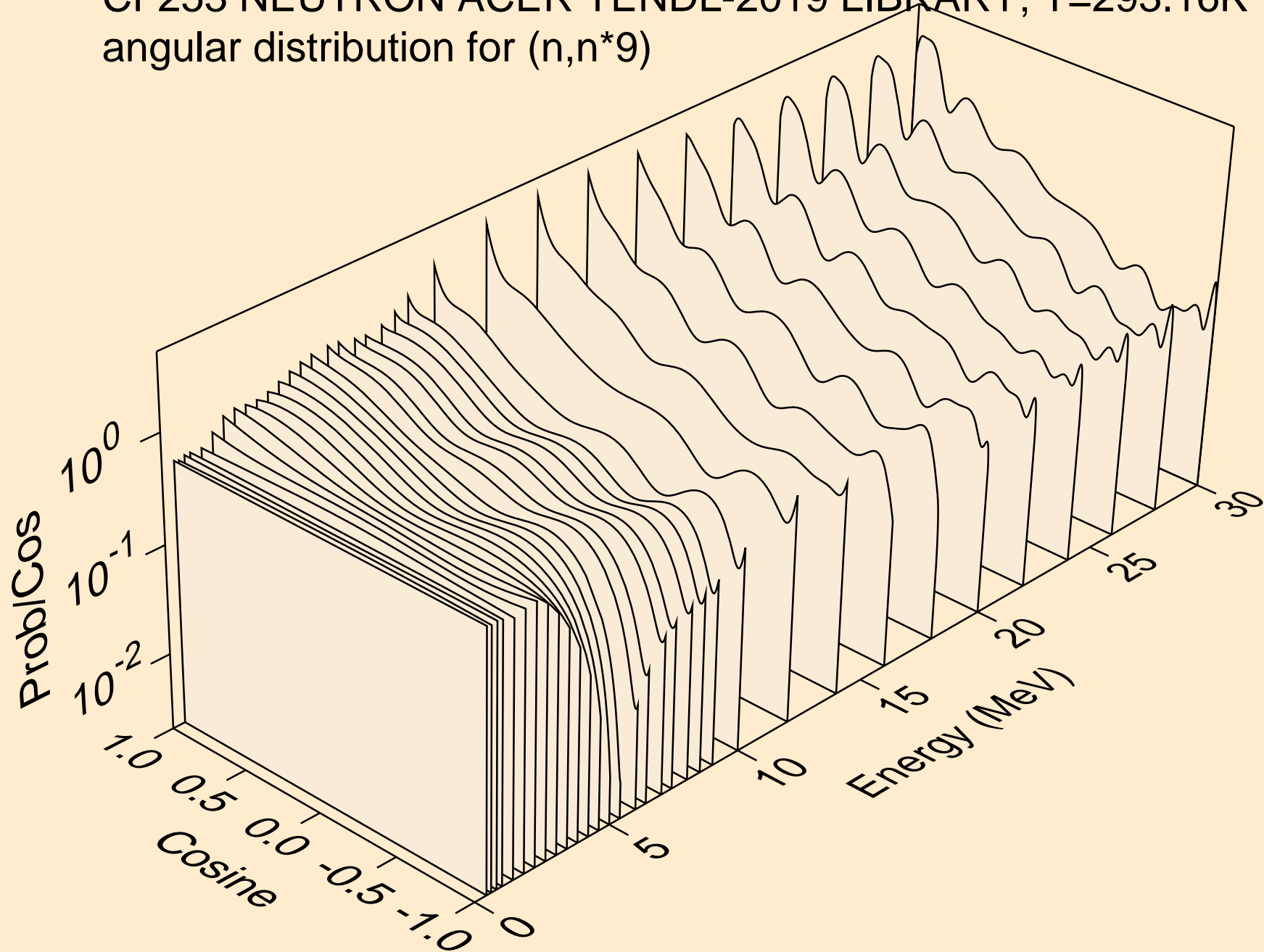
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



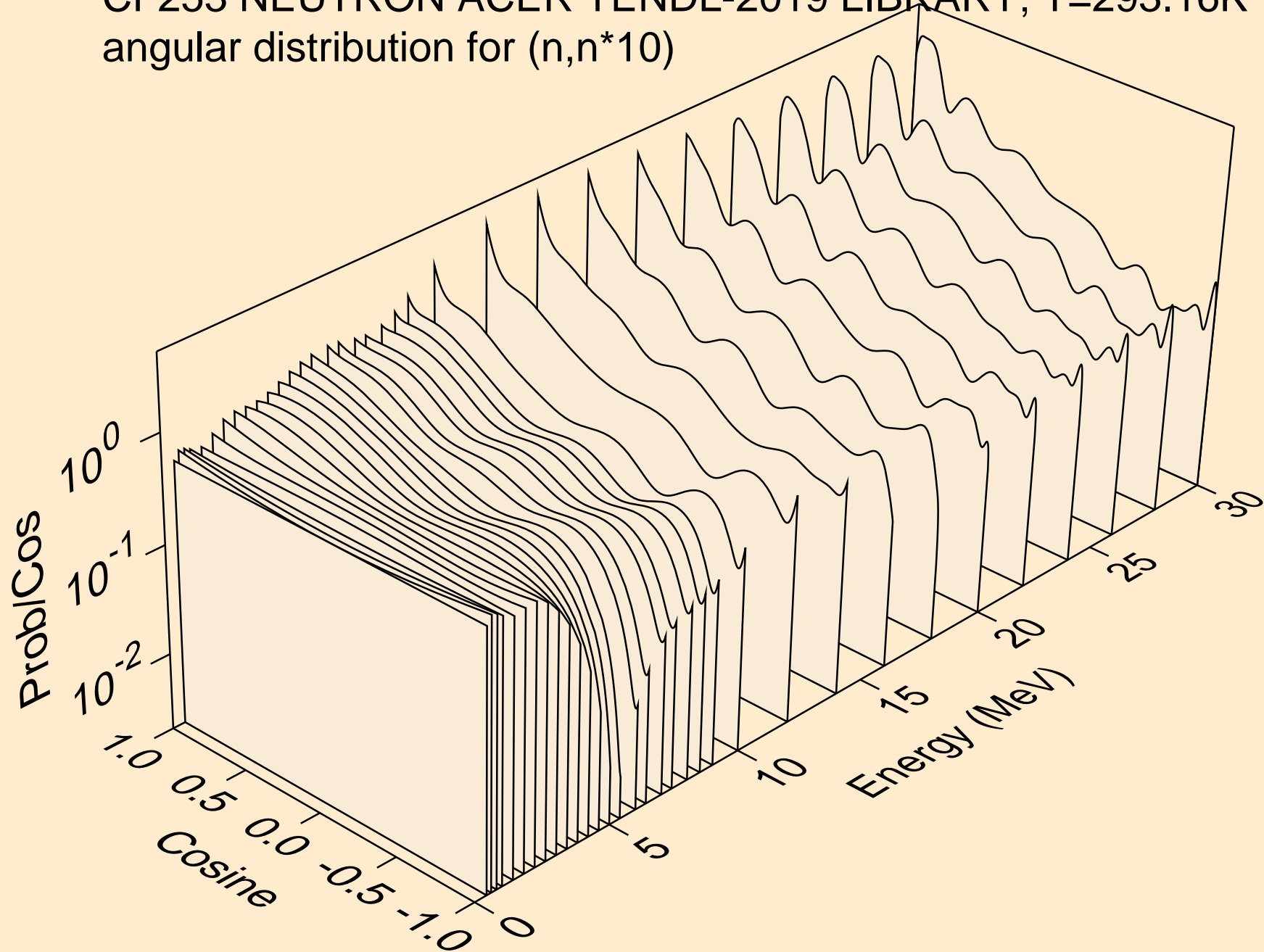
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



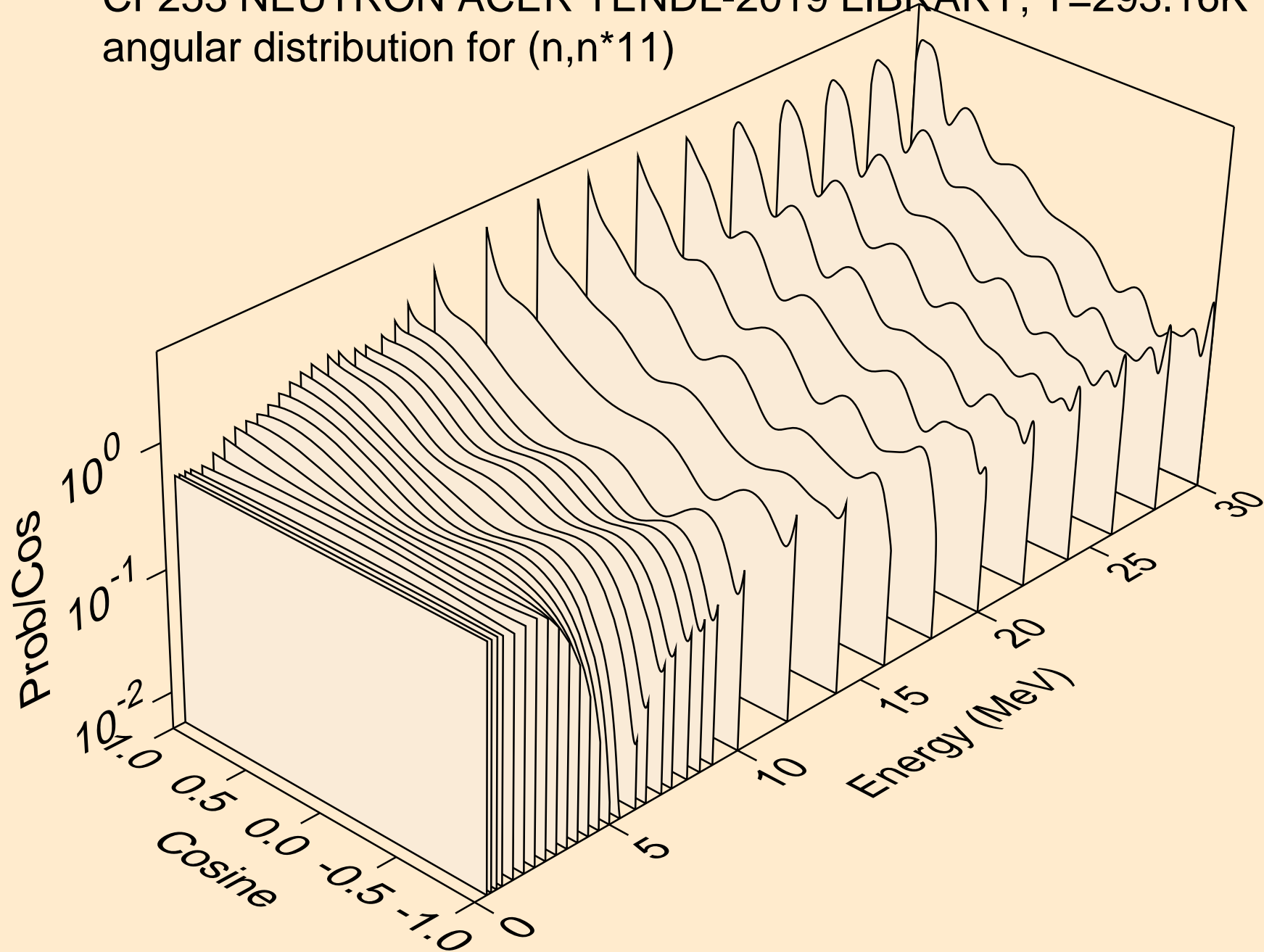
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



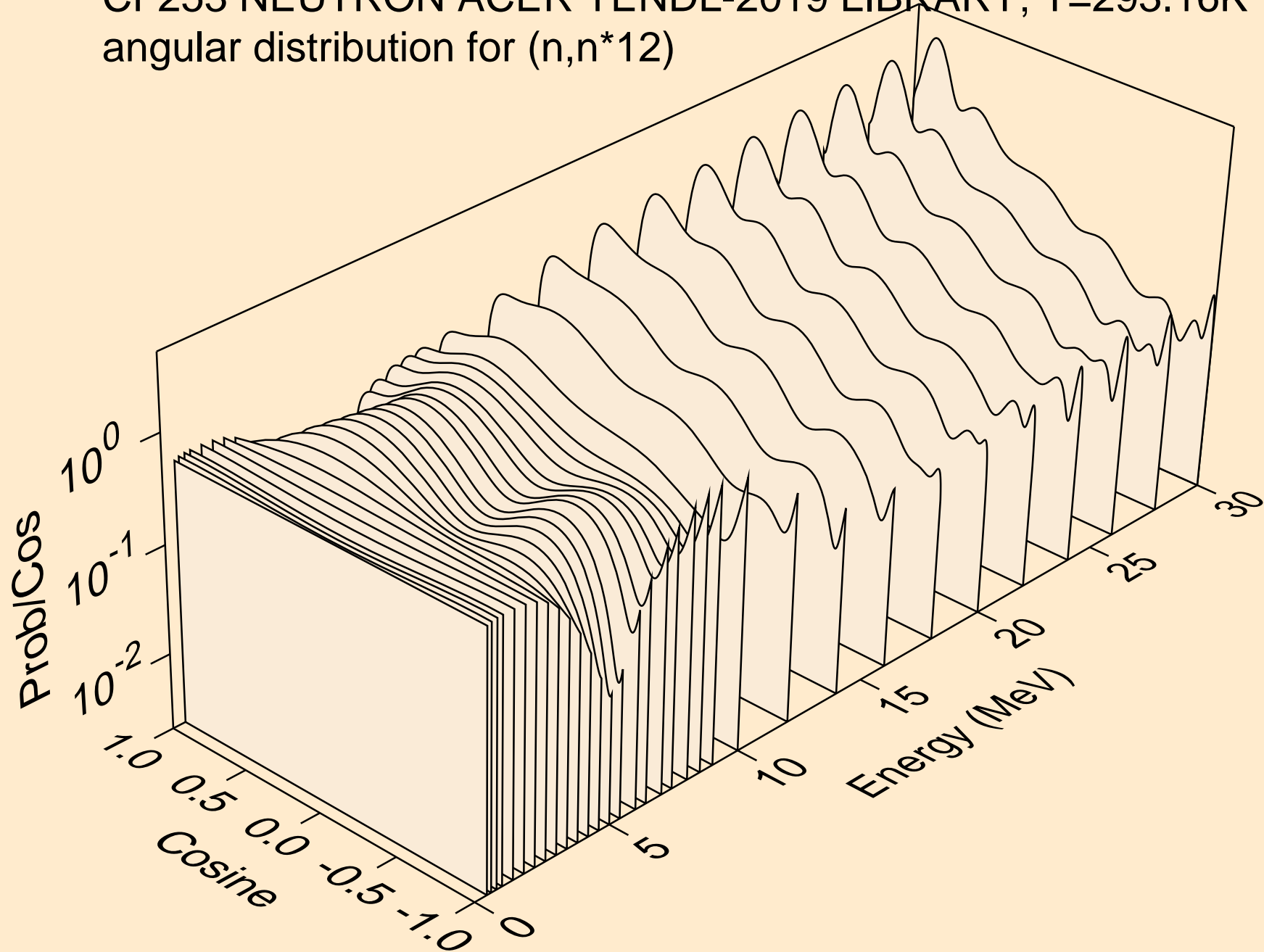
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



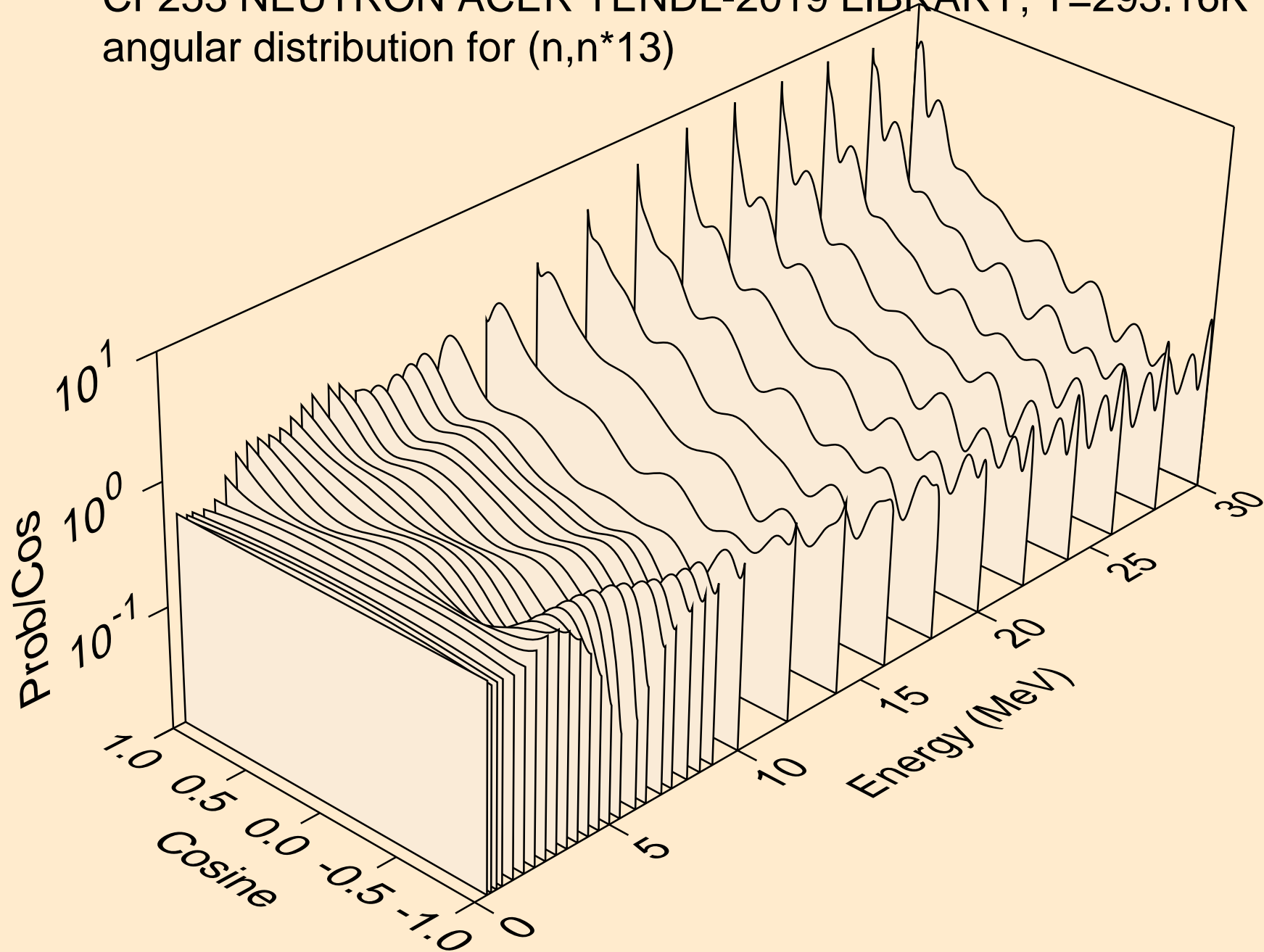
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



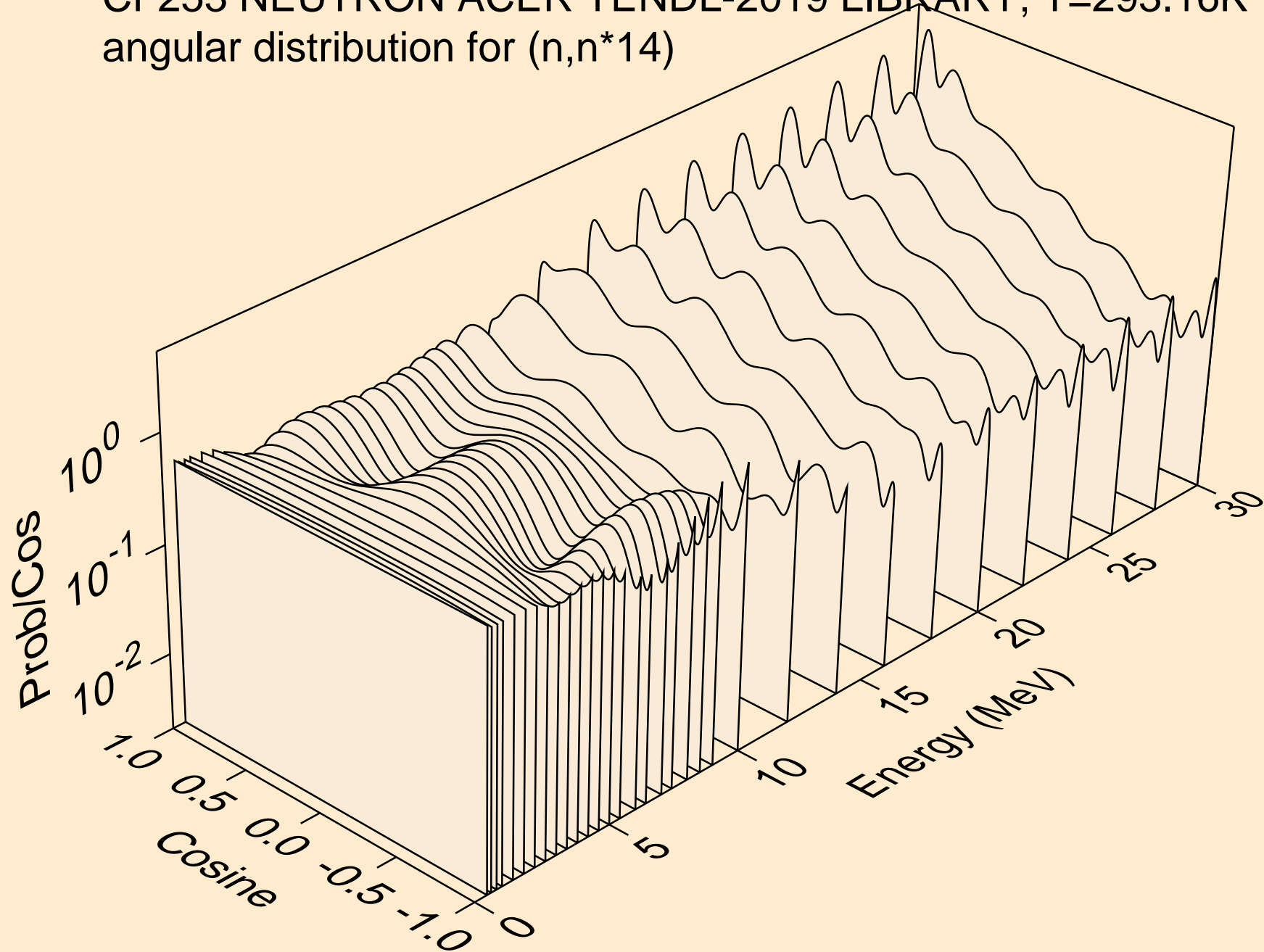
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



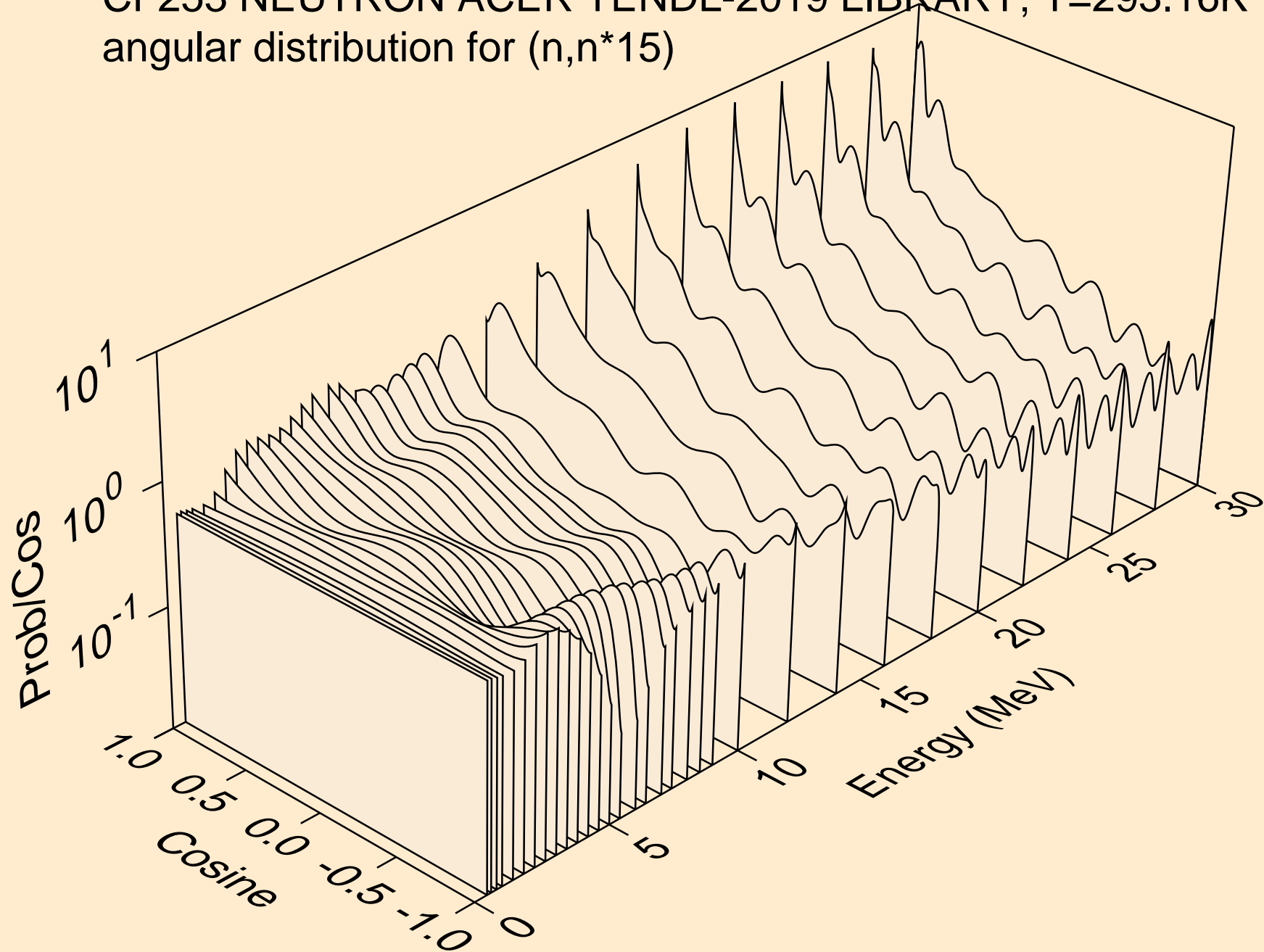
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angular distribution for (n,n*13)



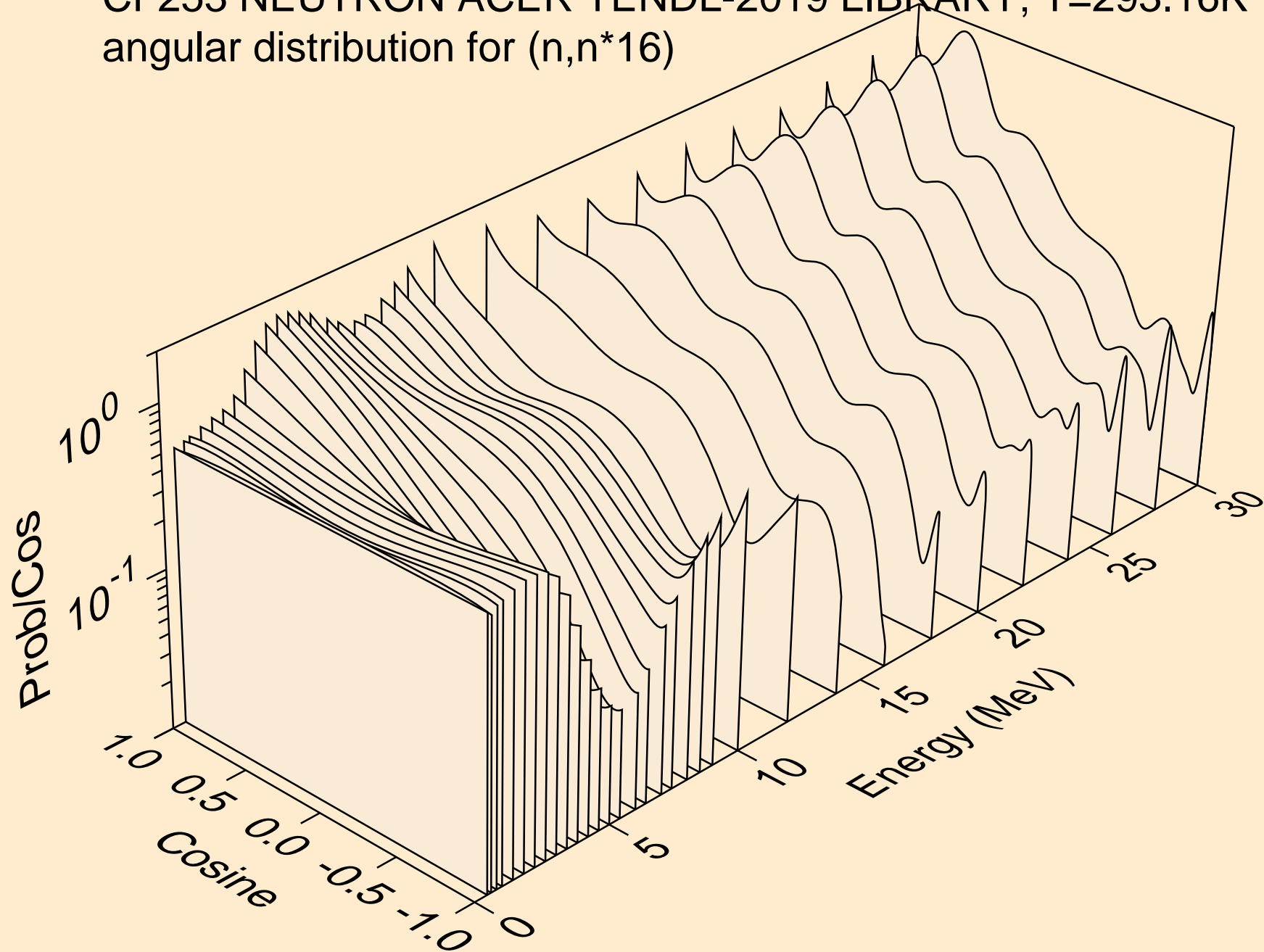
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angular distribution for (n,n*14)



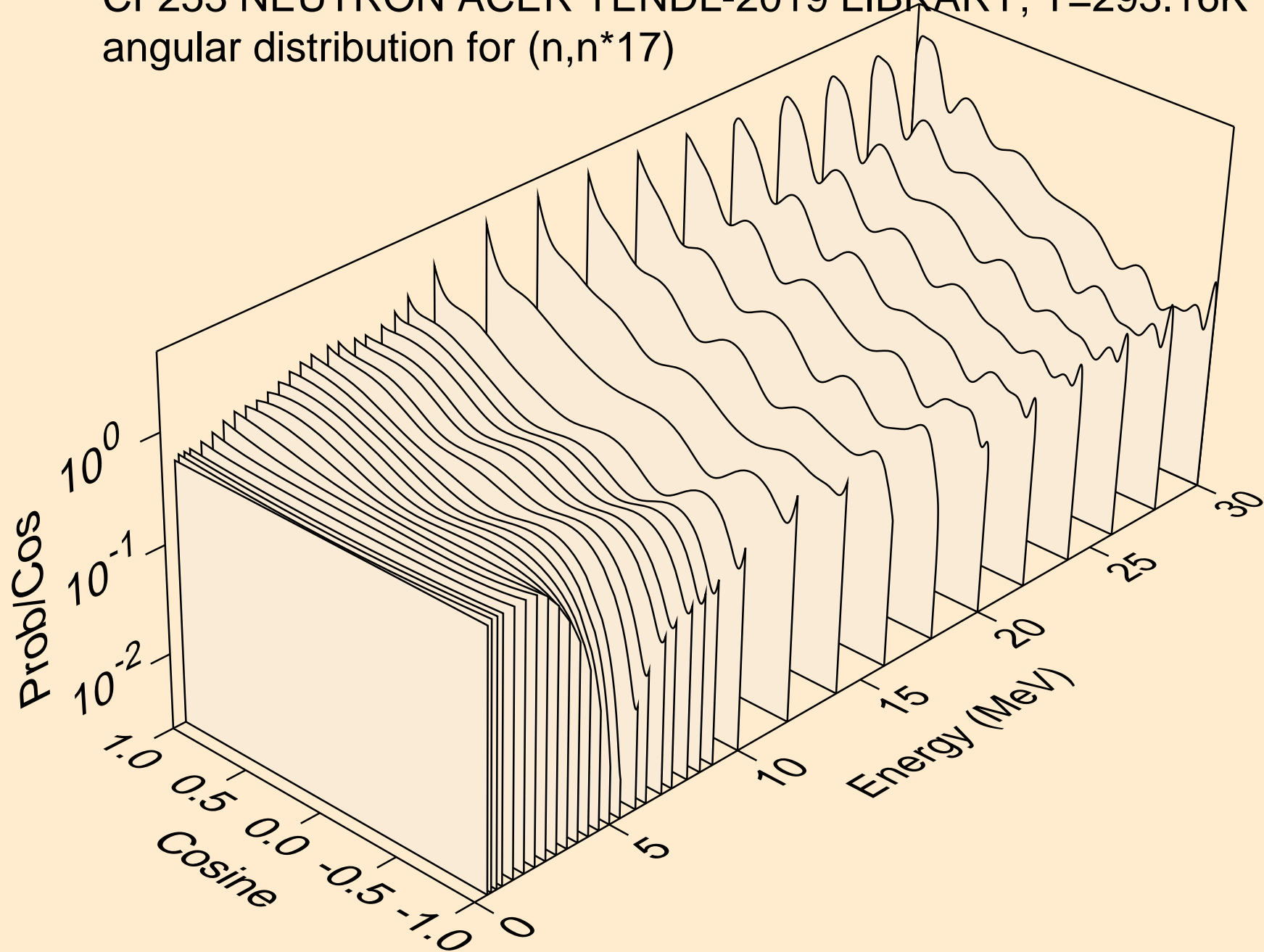
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



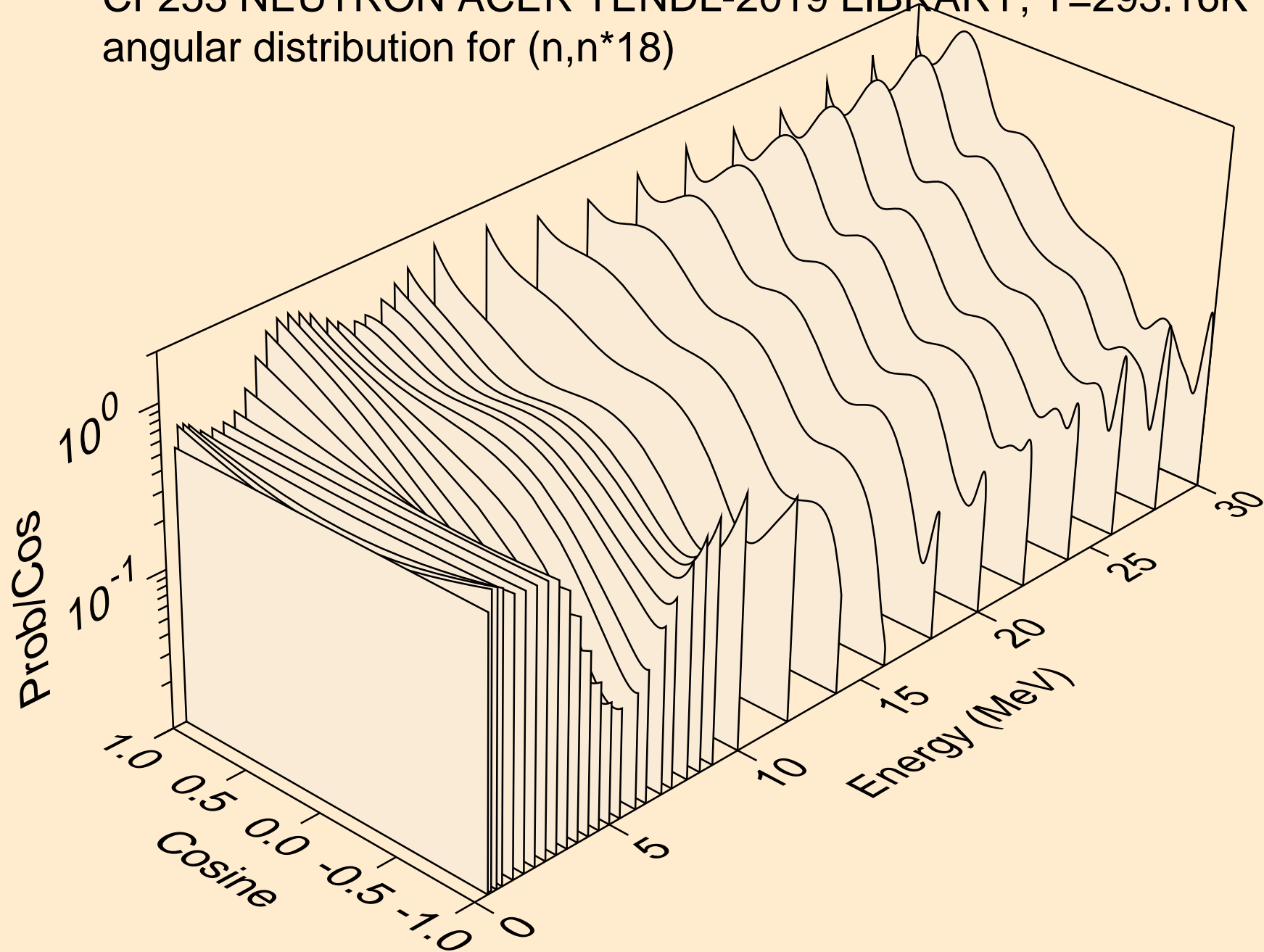
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angular distribution for (n,n*16)



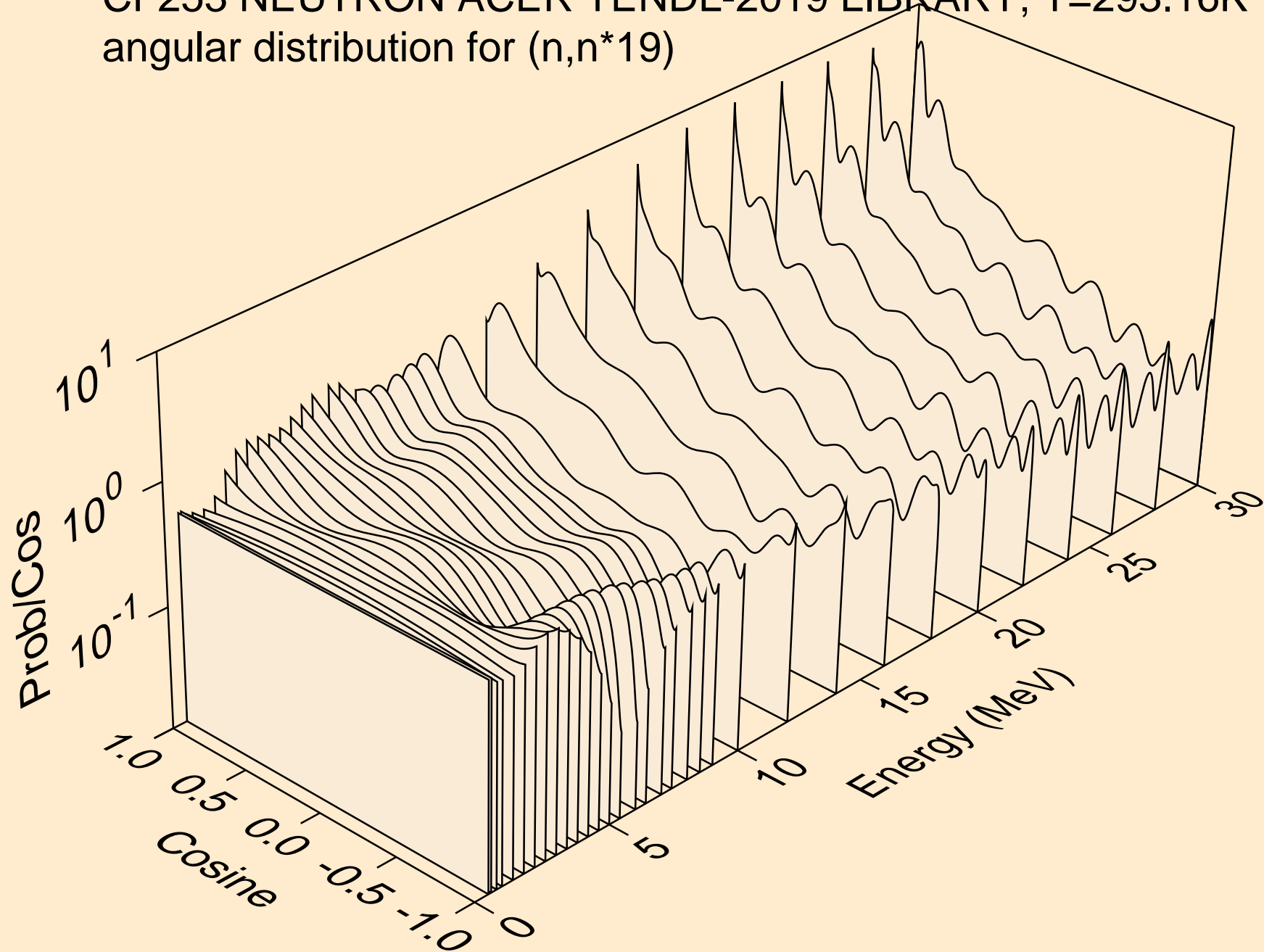
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



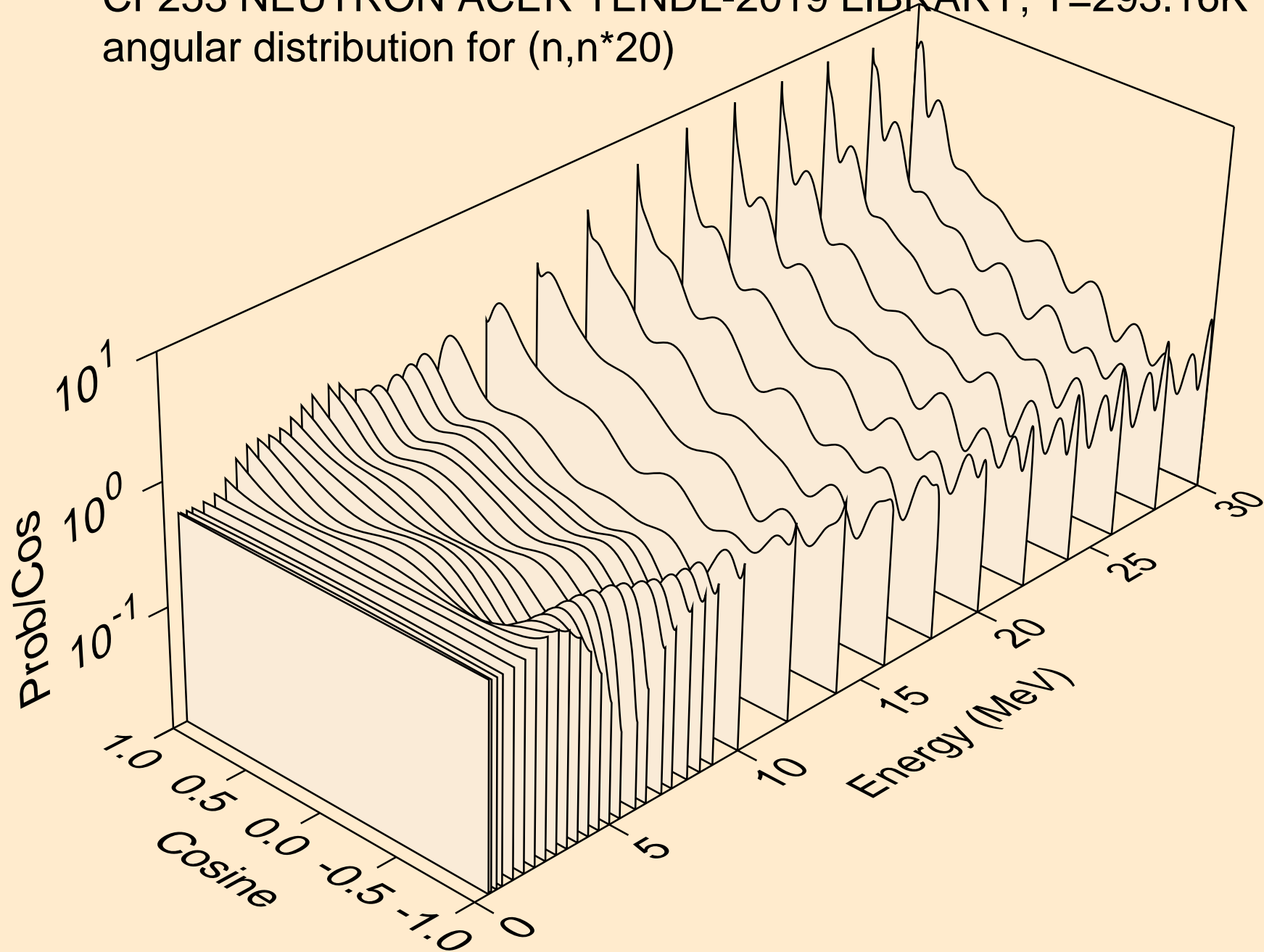
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angular distribution for (n,n*18)



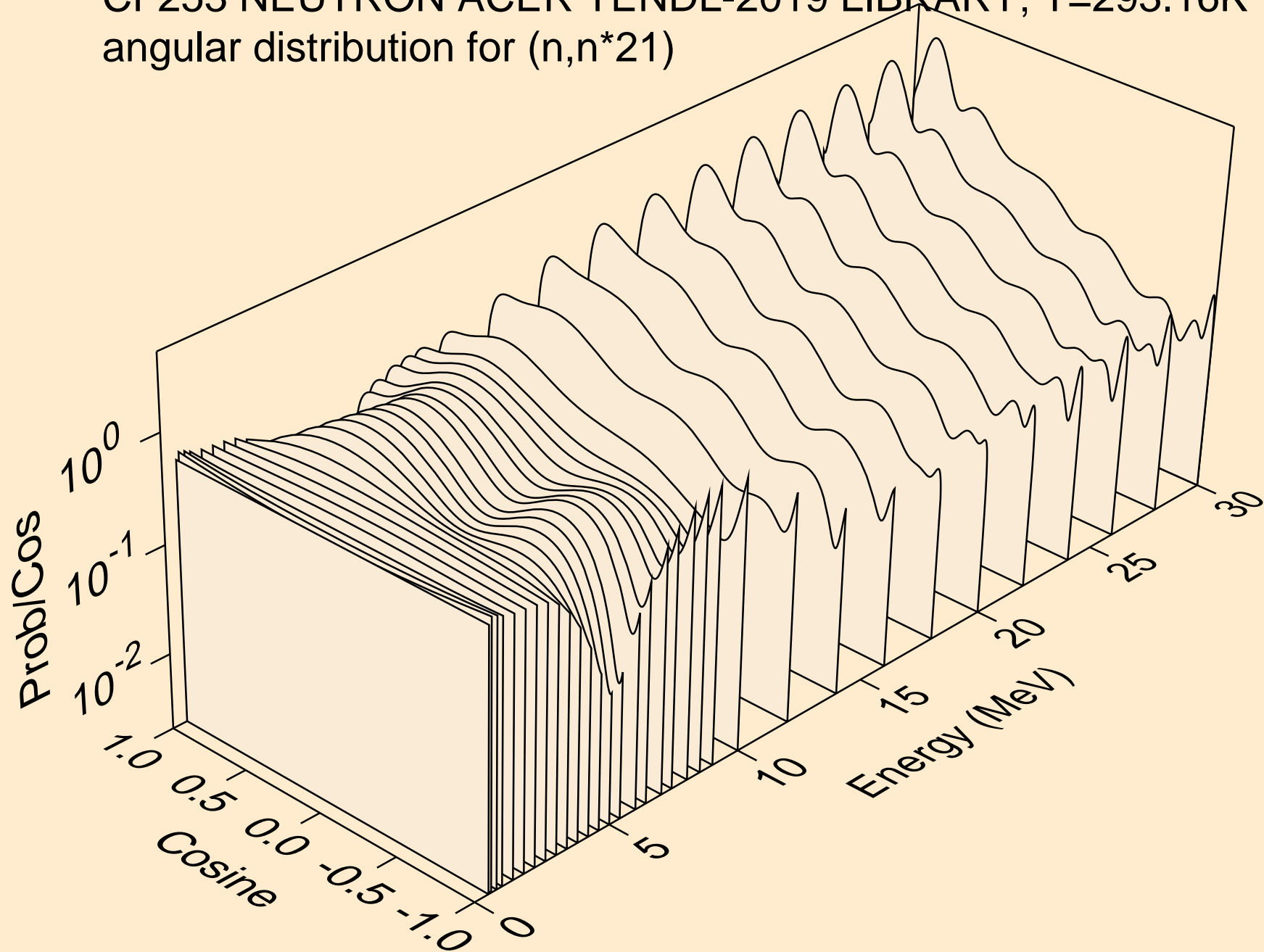
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



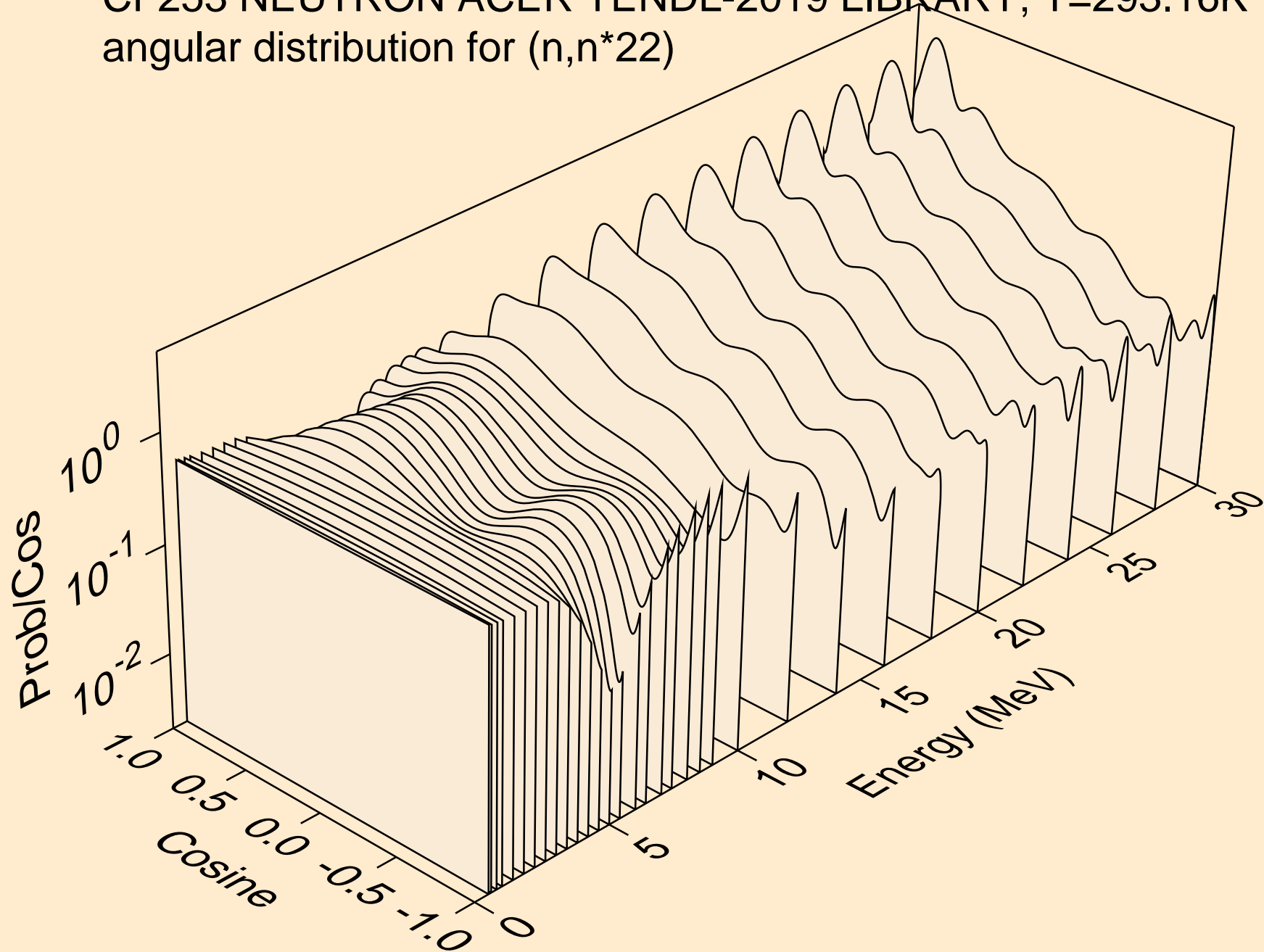
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



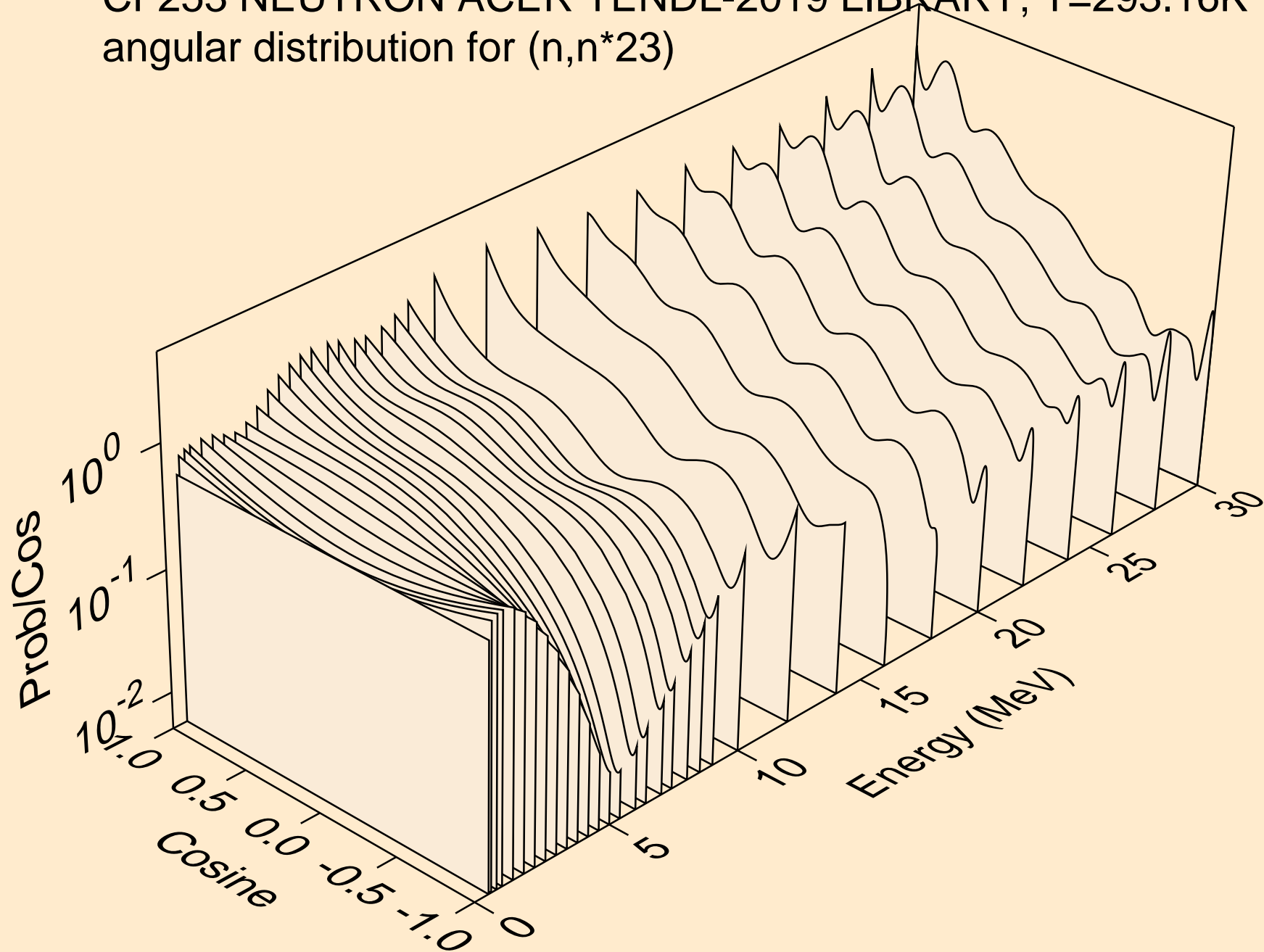
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



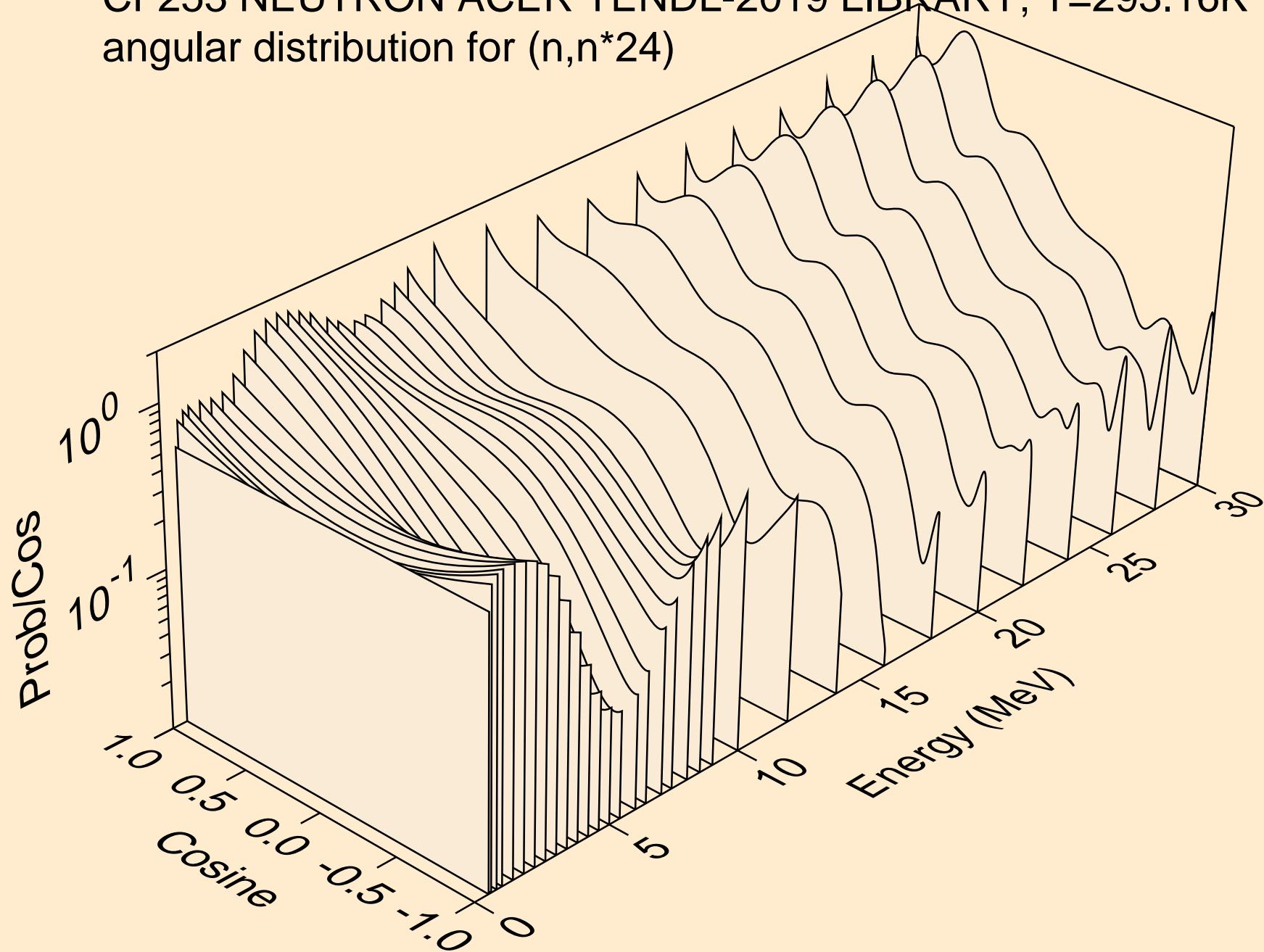
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



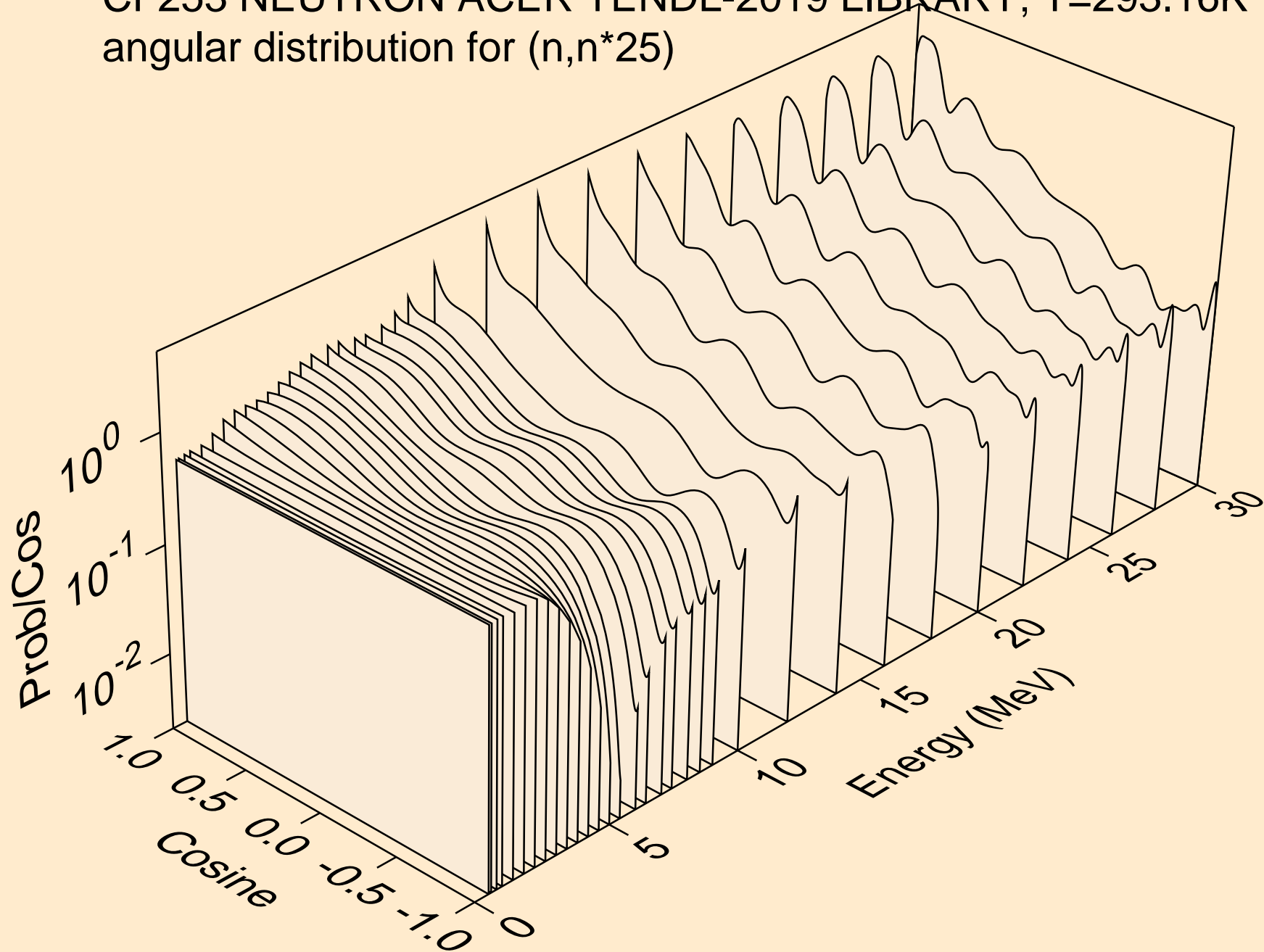
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



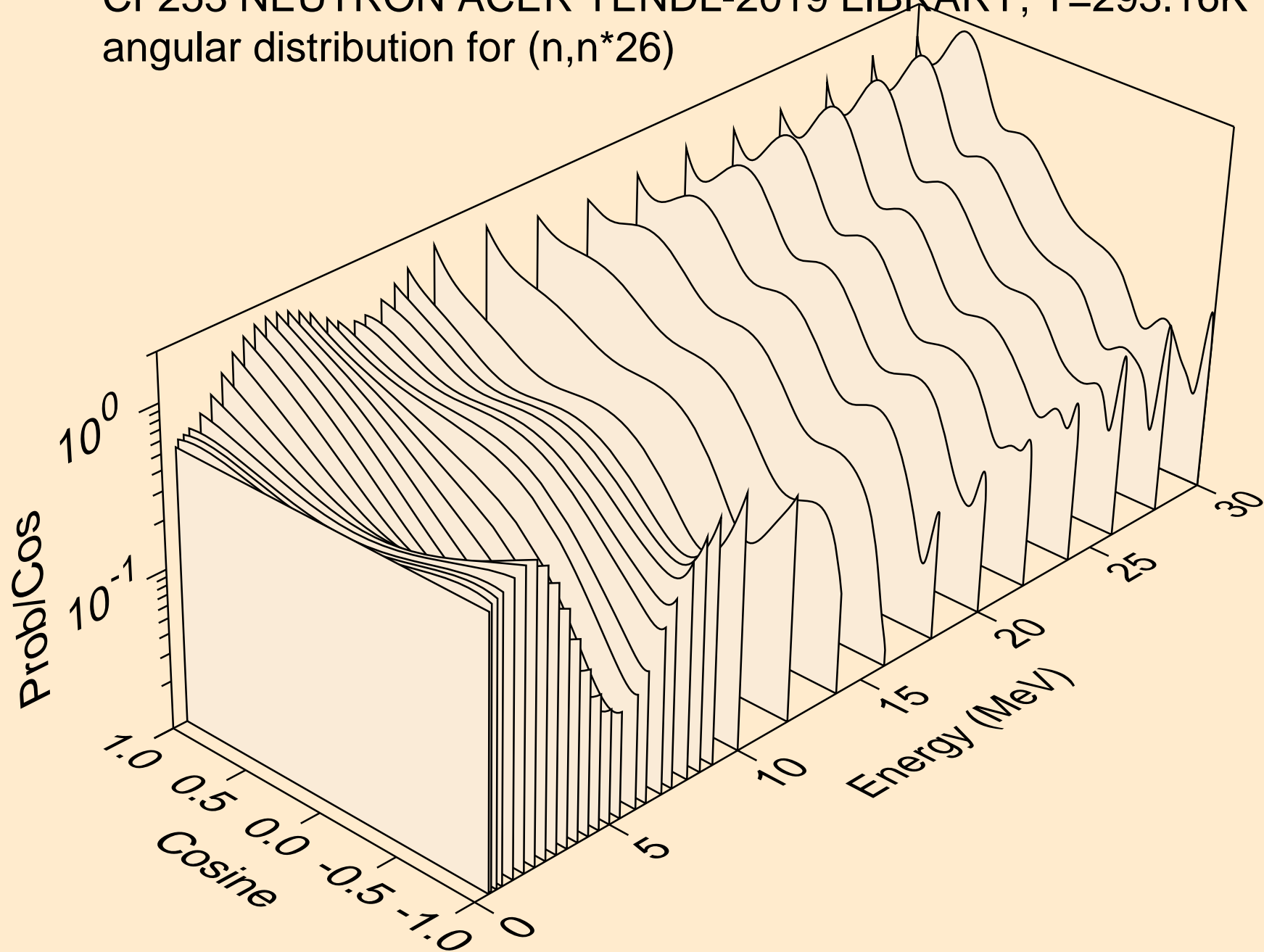
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



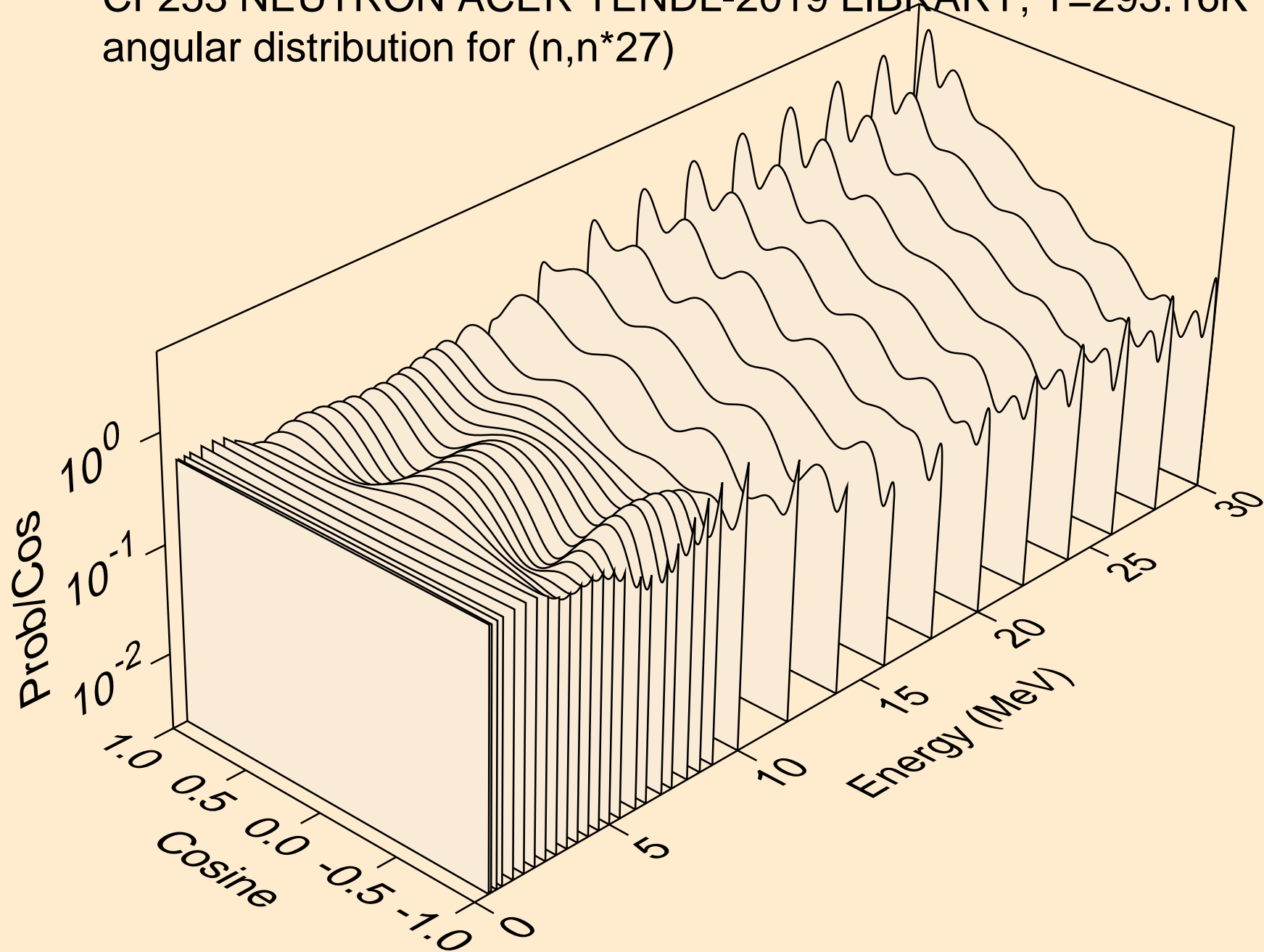
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angular distribution for (n,n*25)



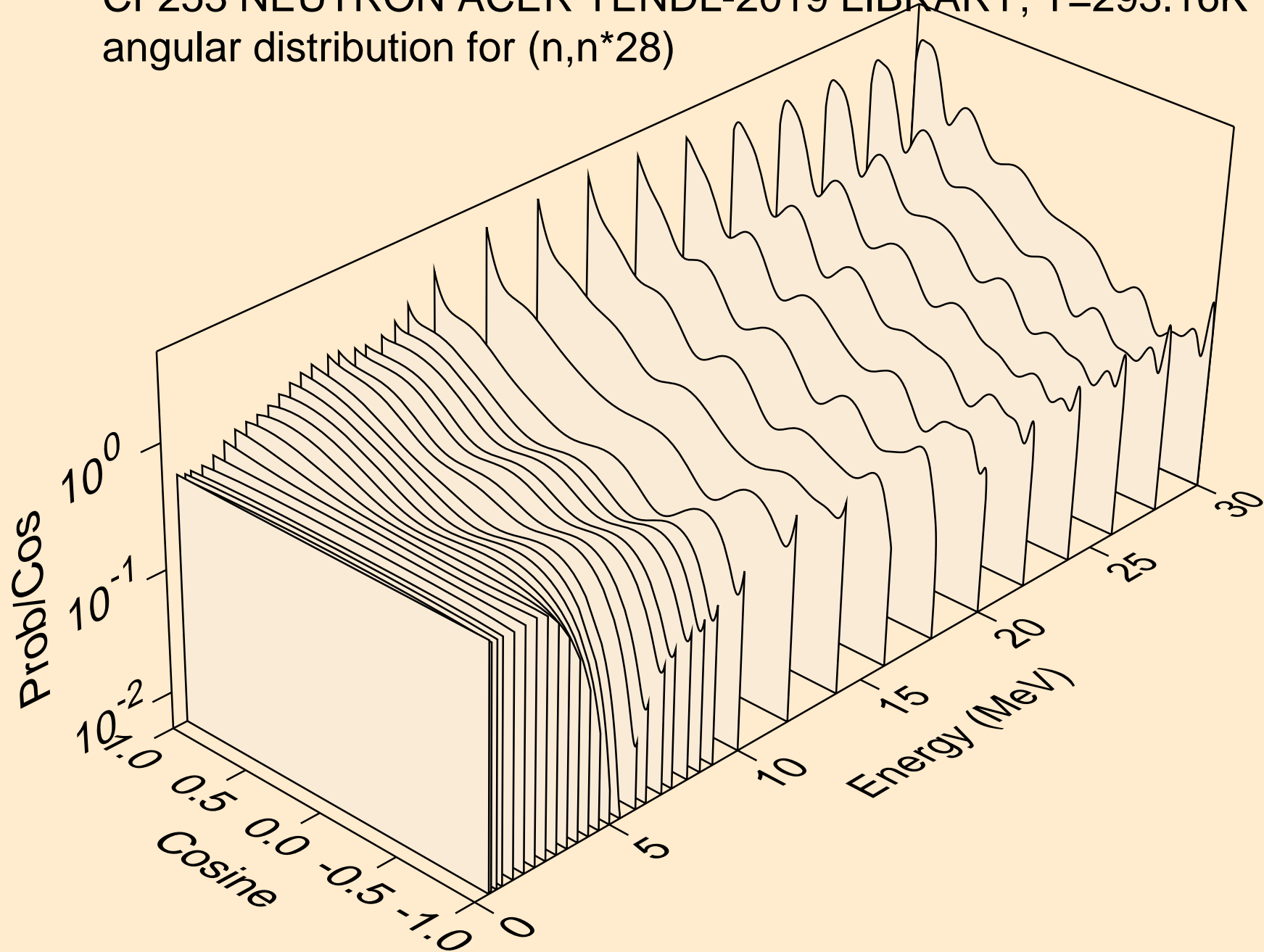
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



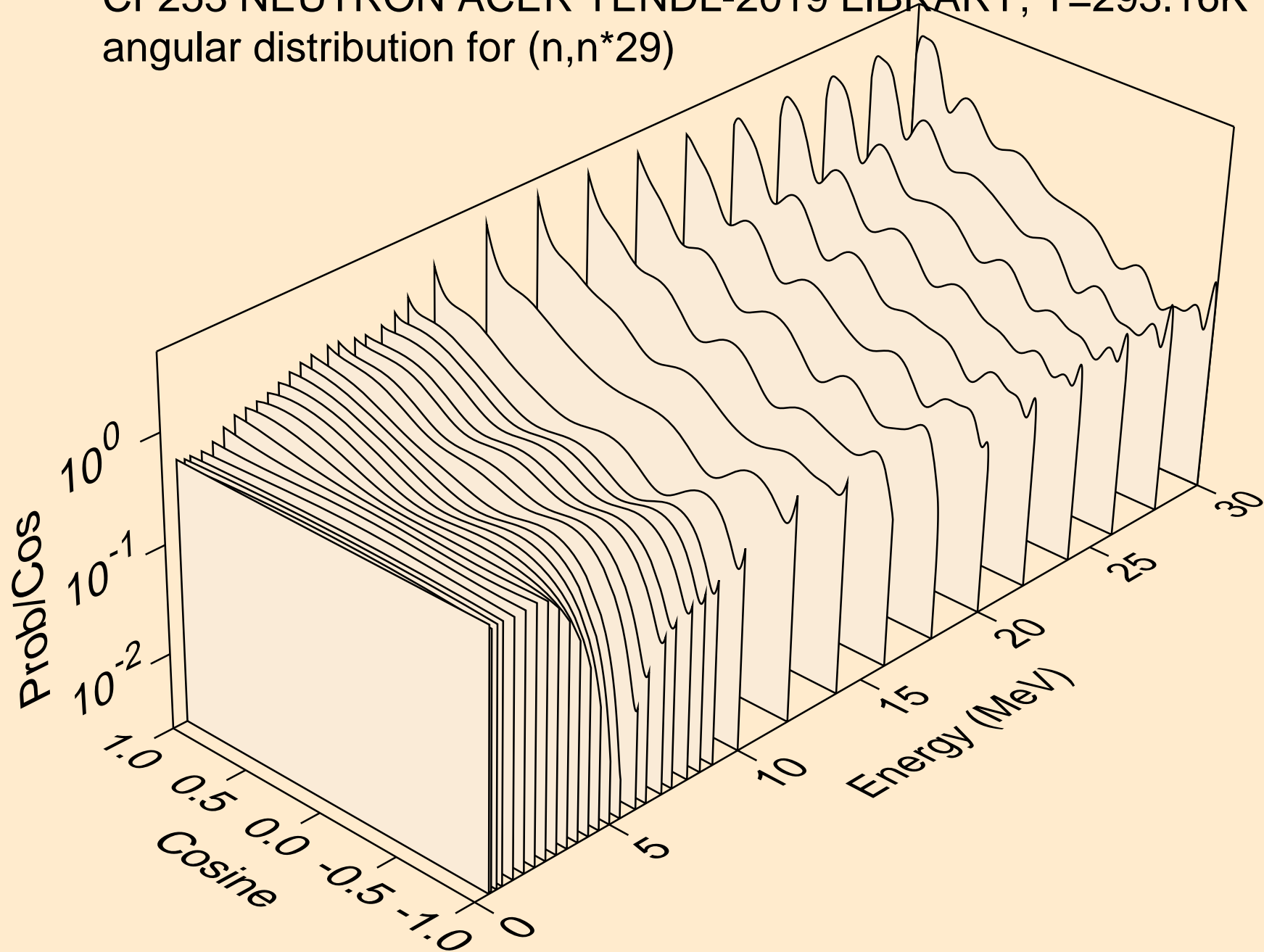
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



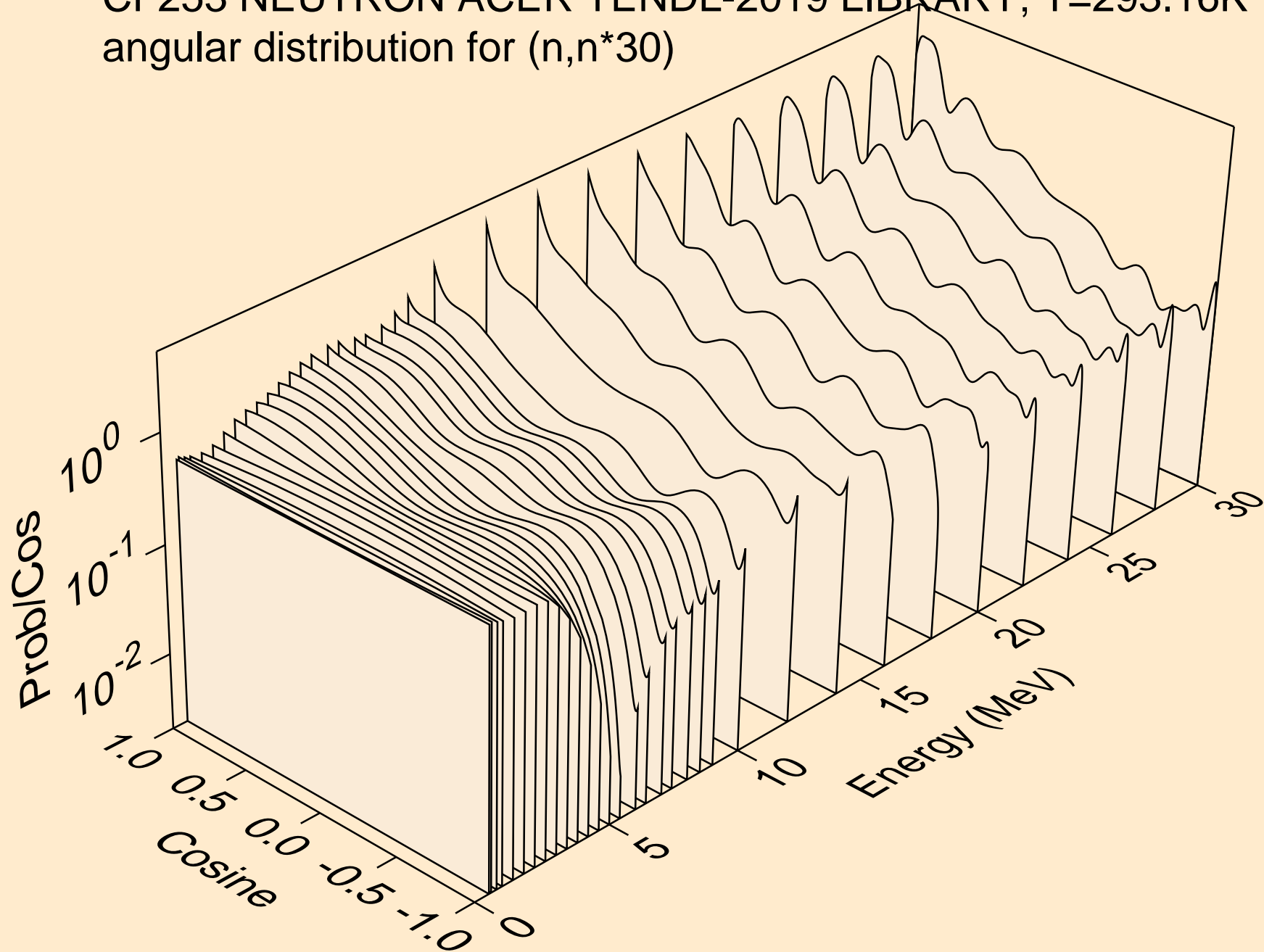
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



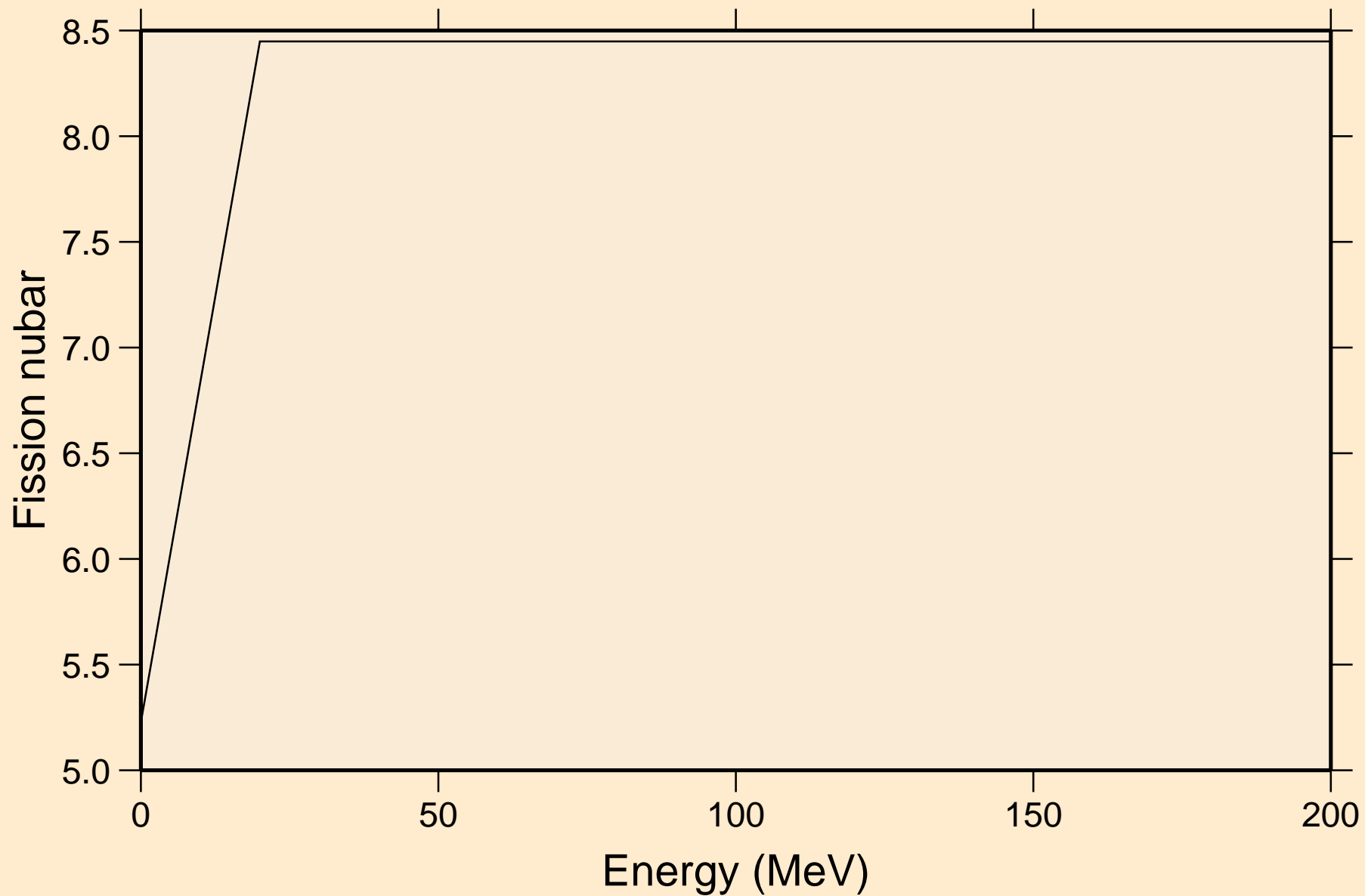
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



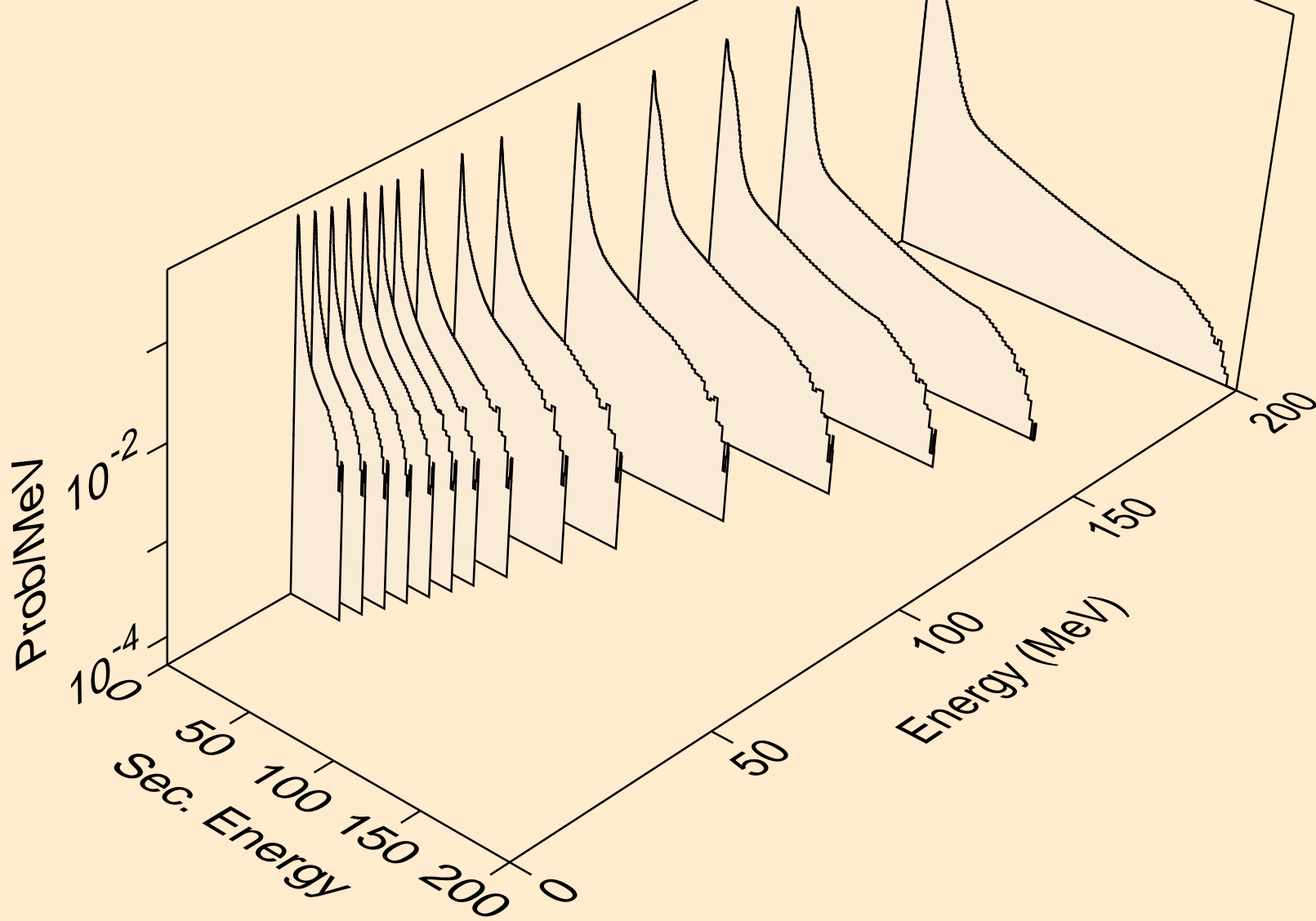
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*30)



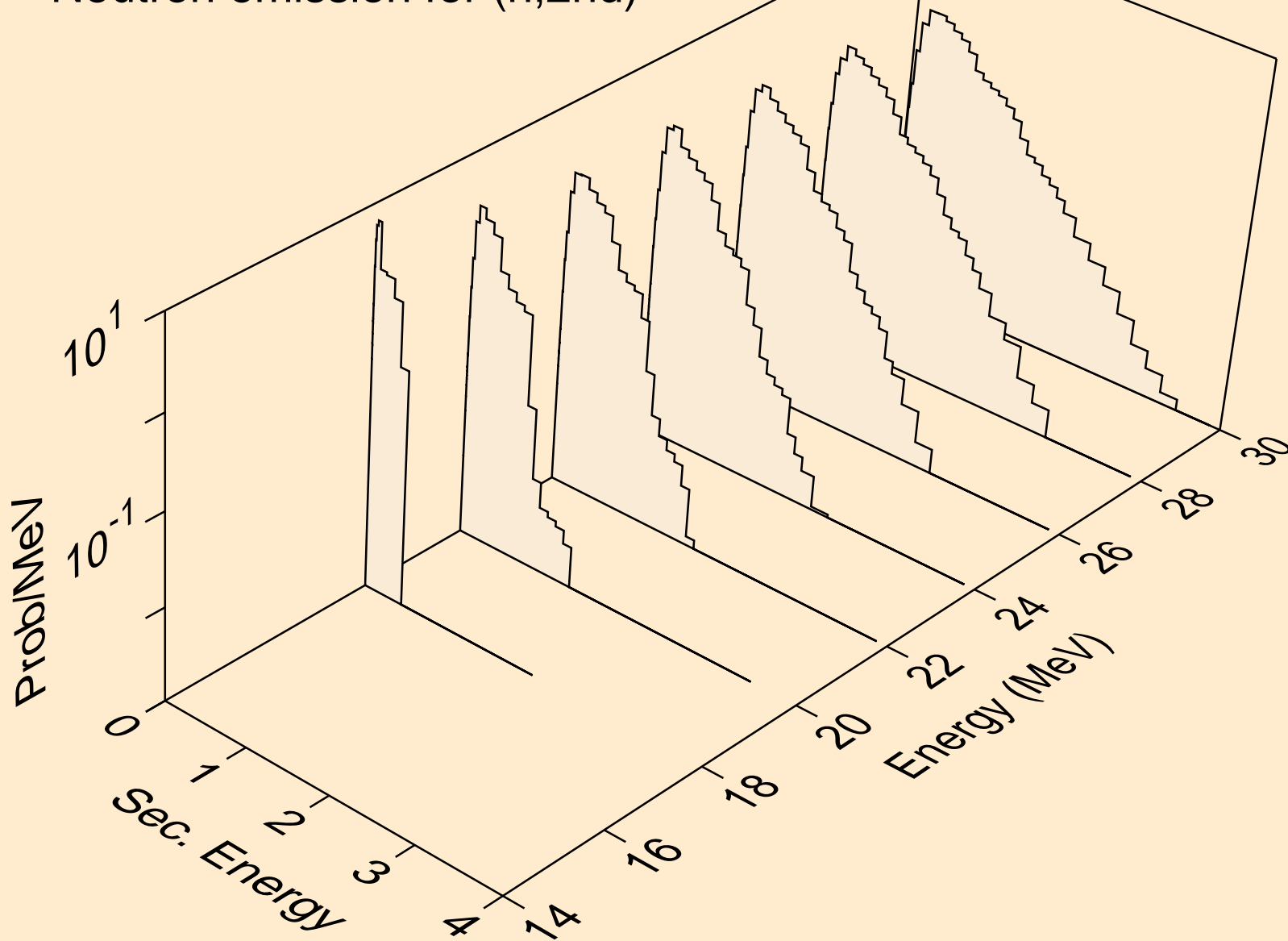
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Total fission nubar



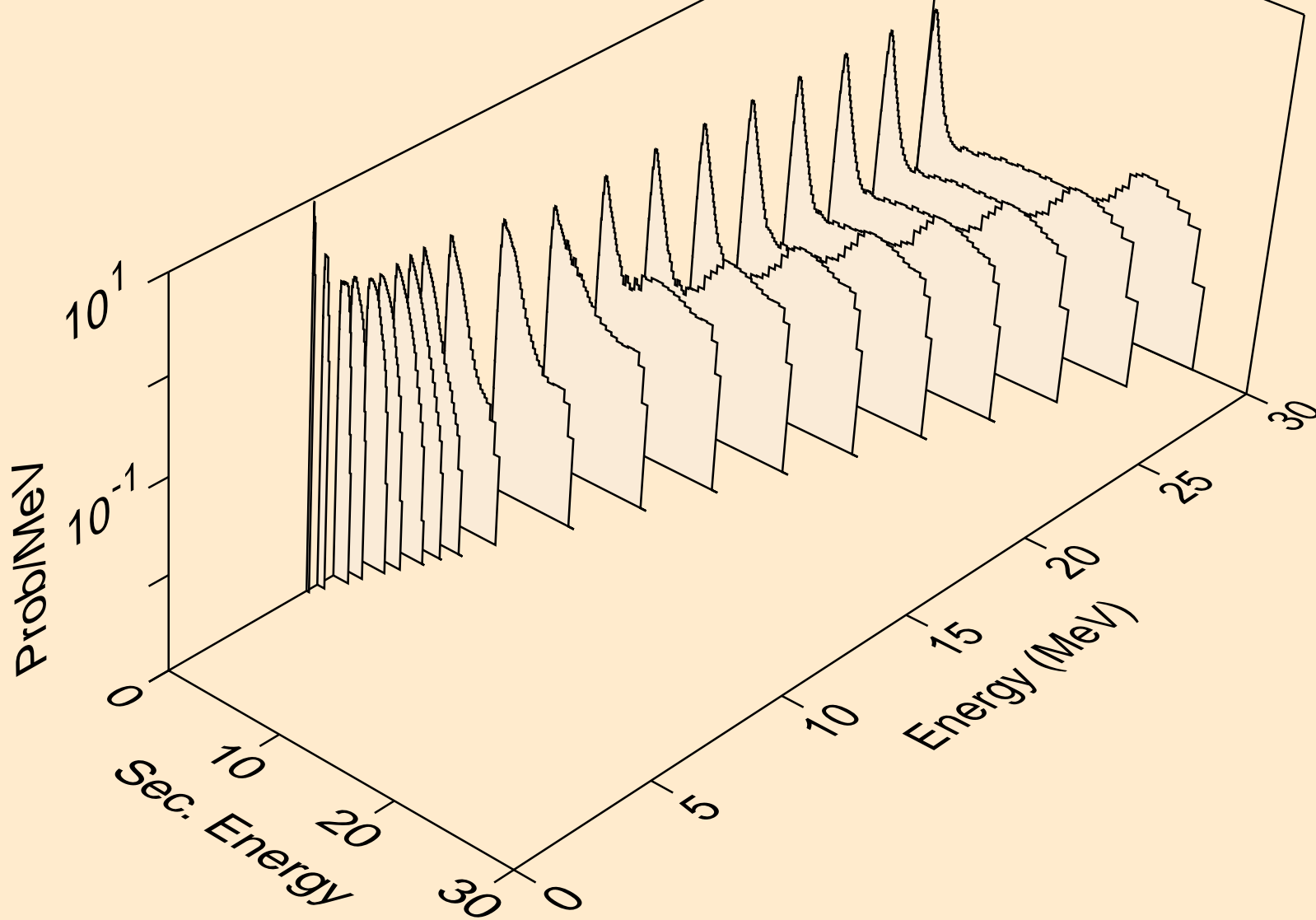
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



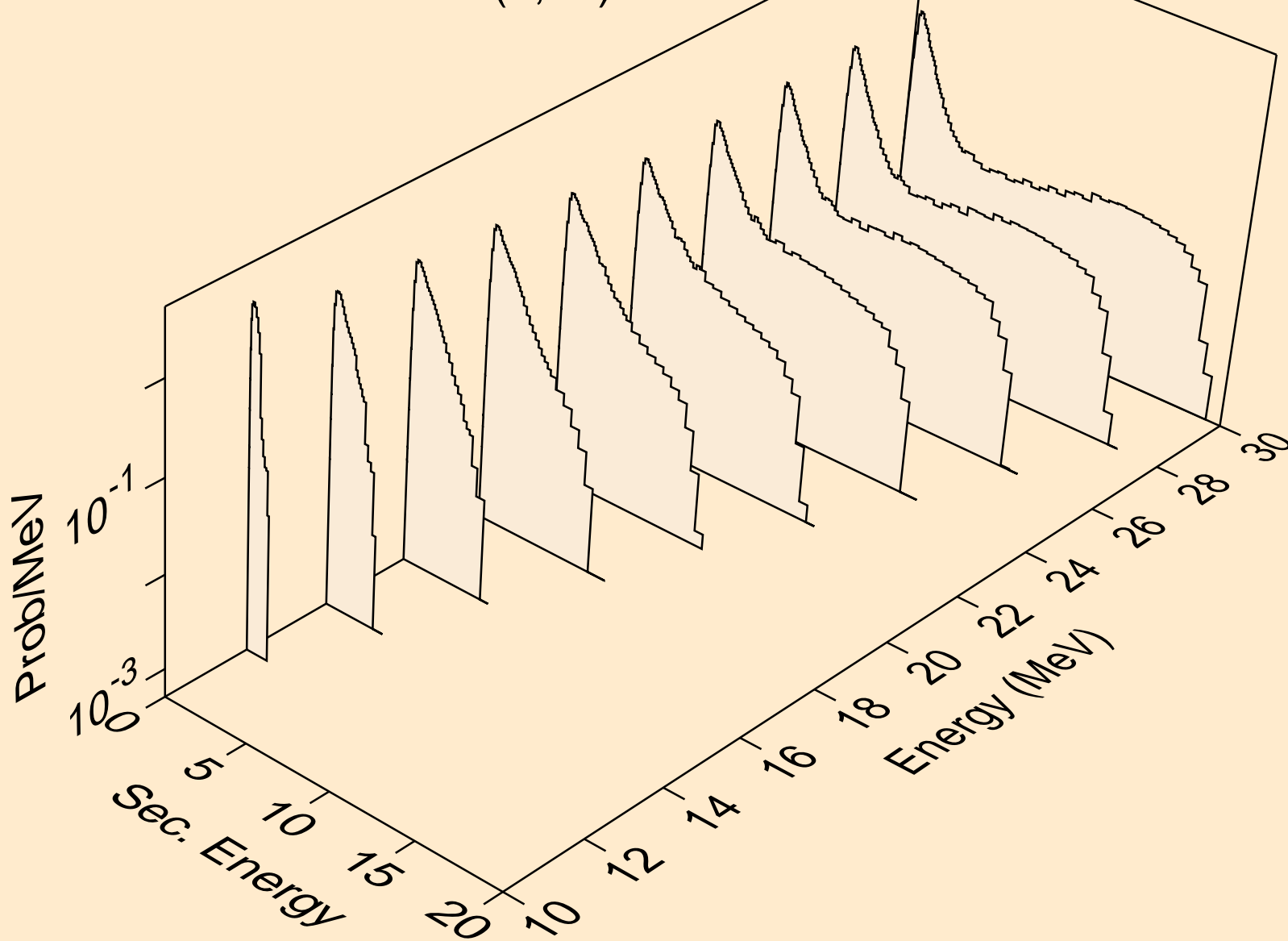
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



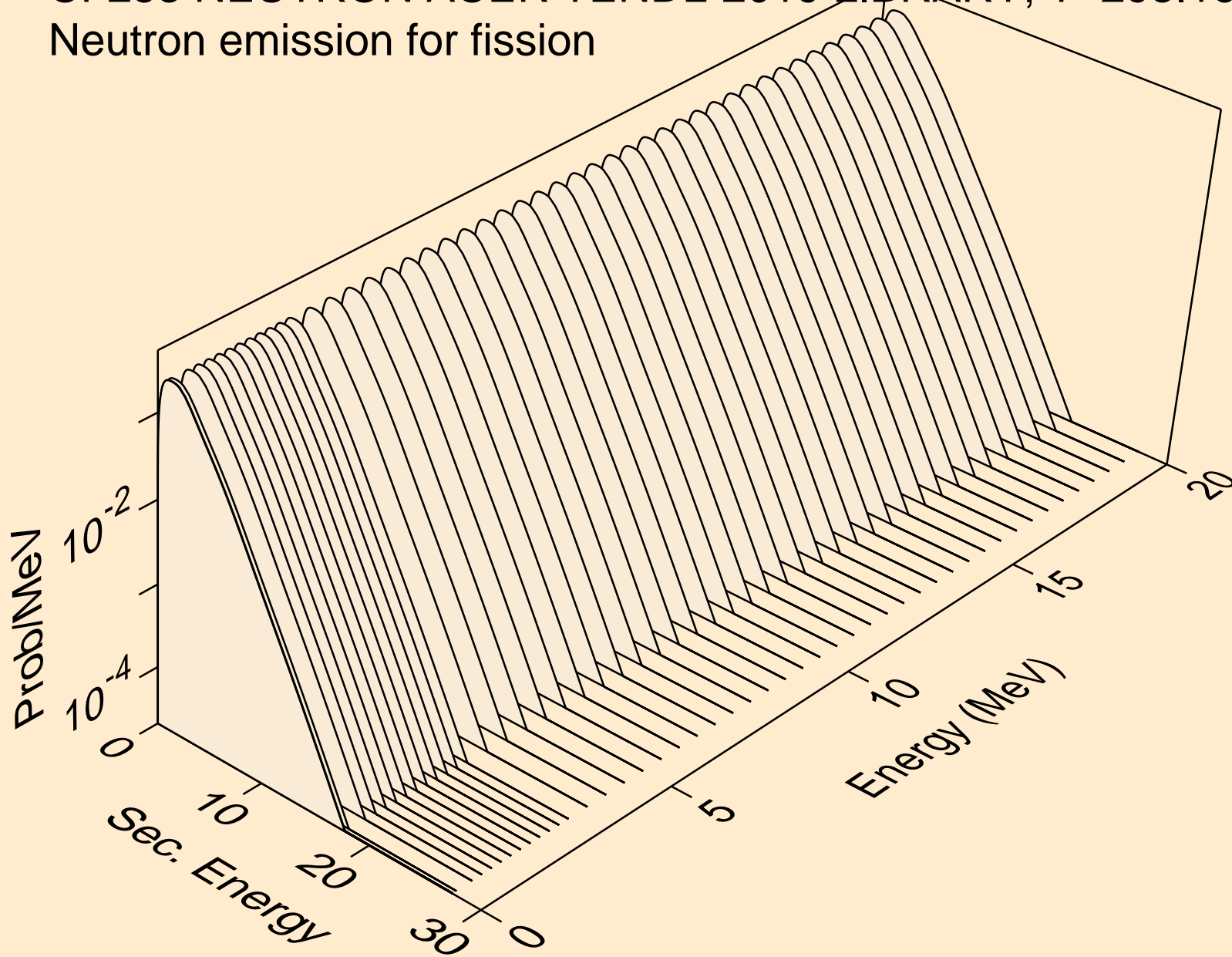
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



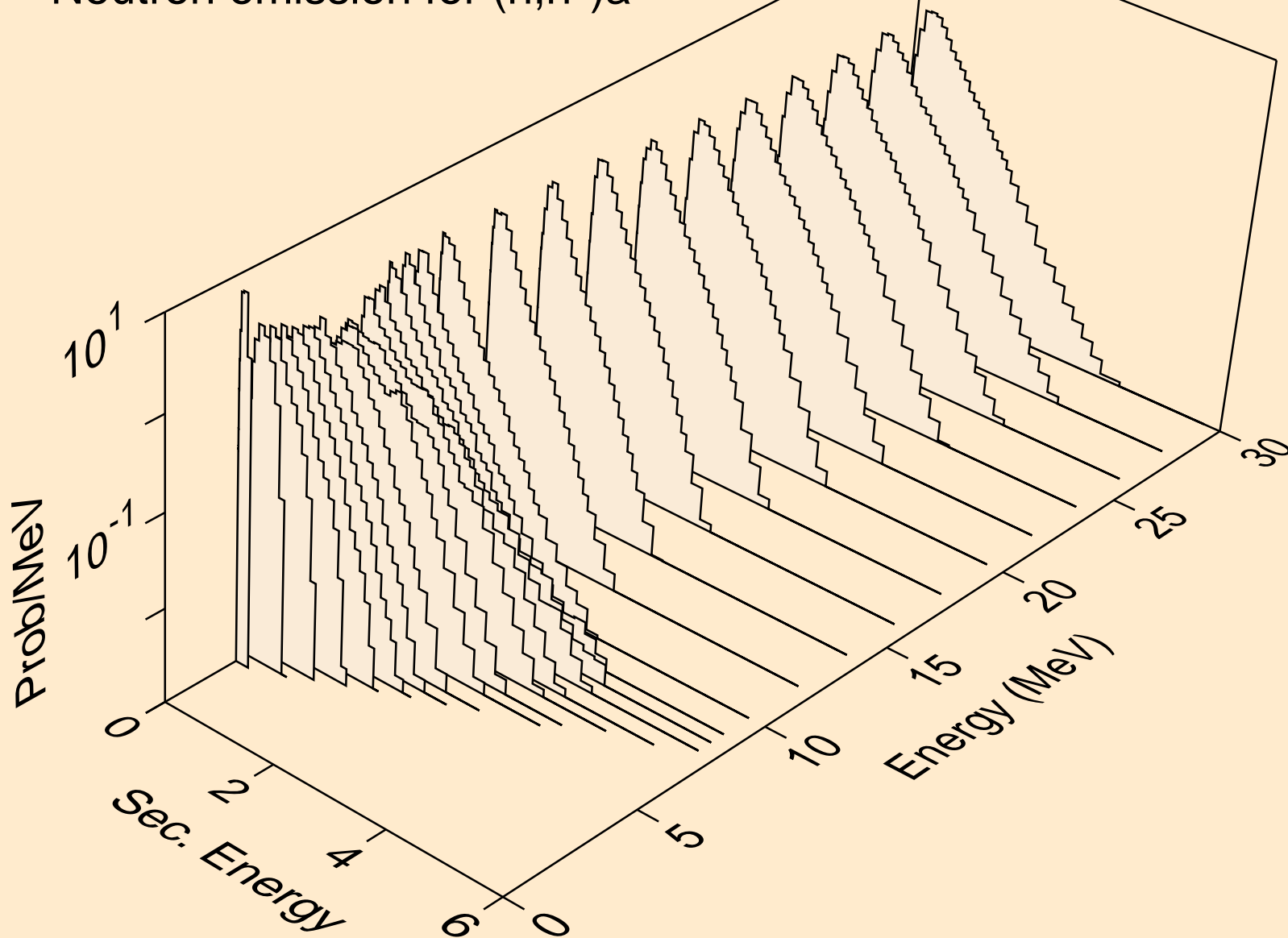
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



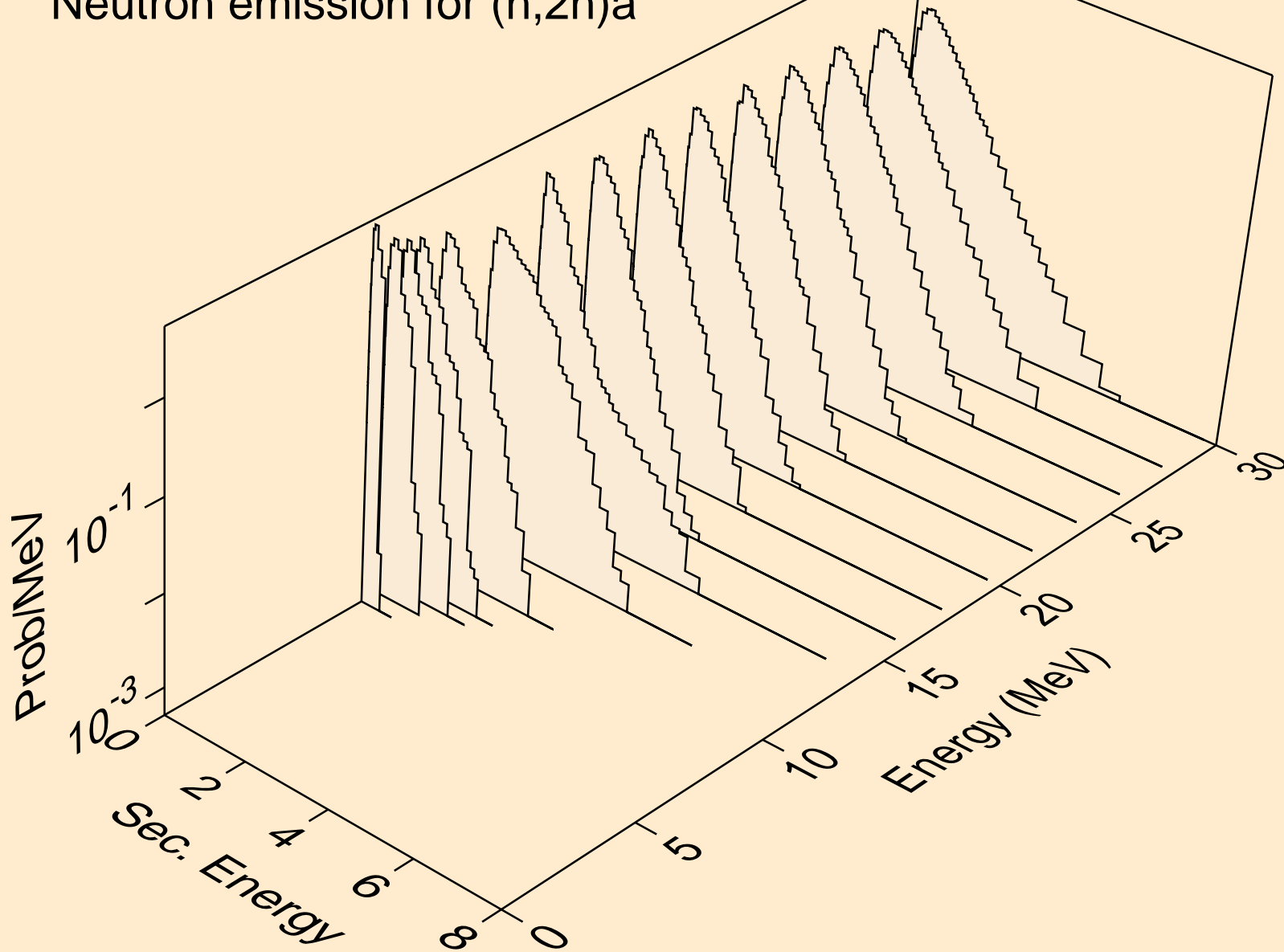
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for fission



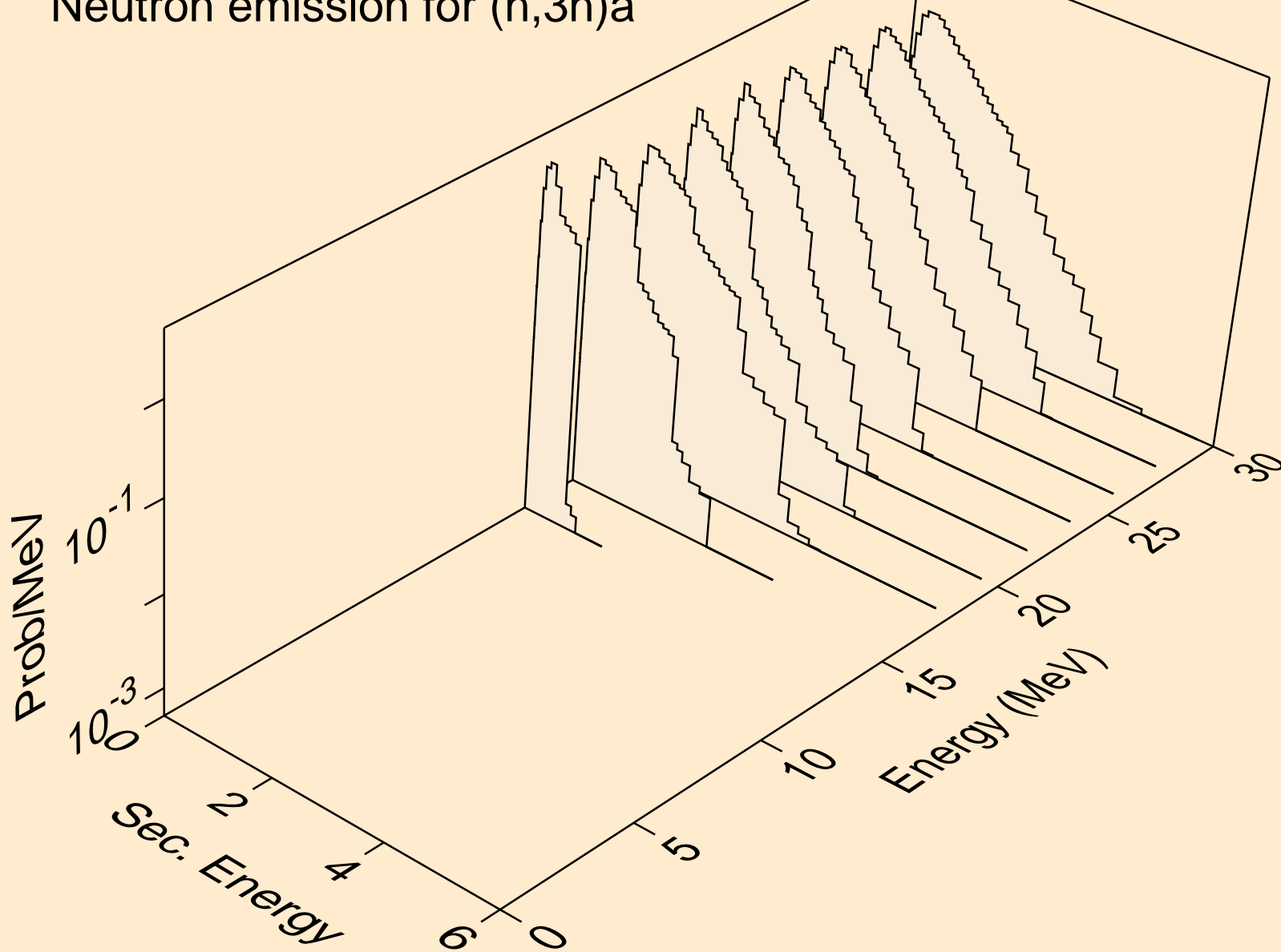
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



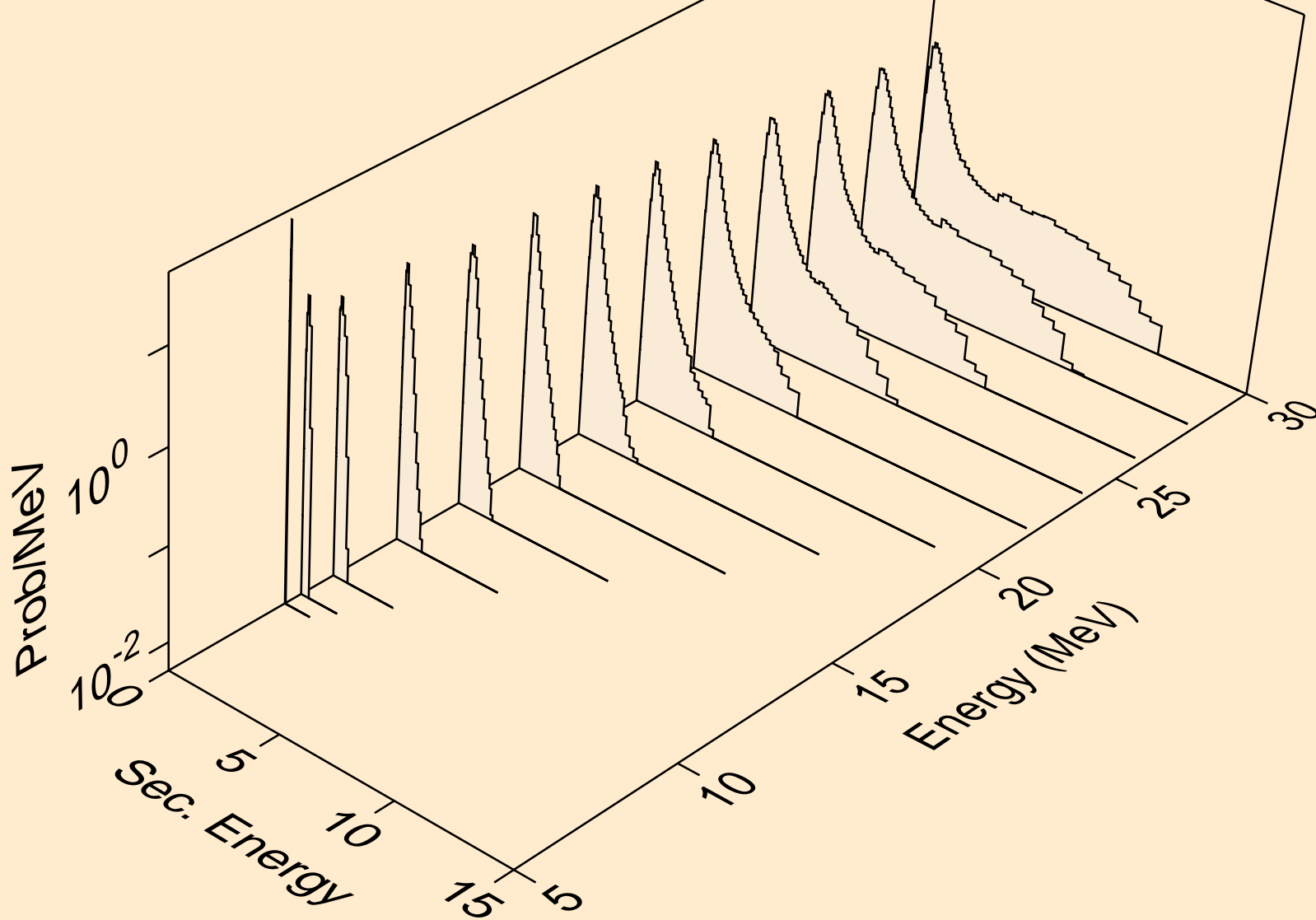
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



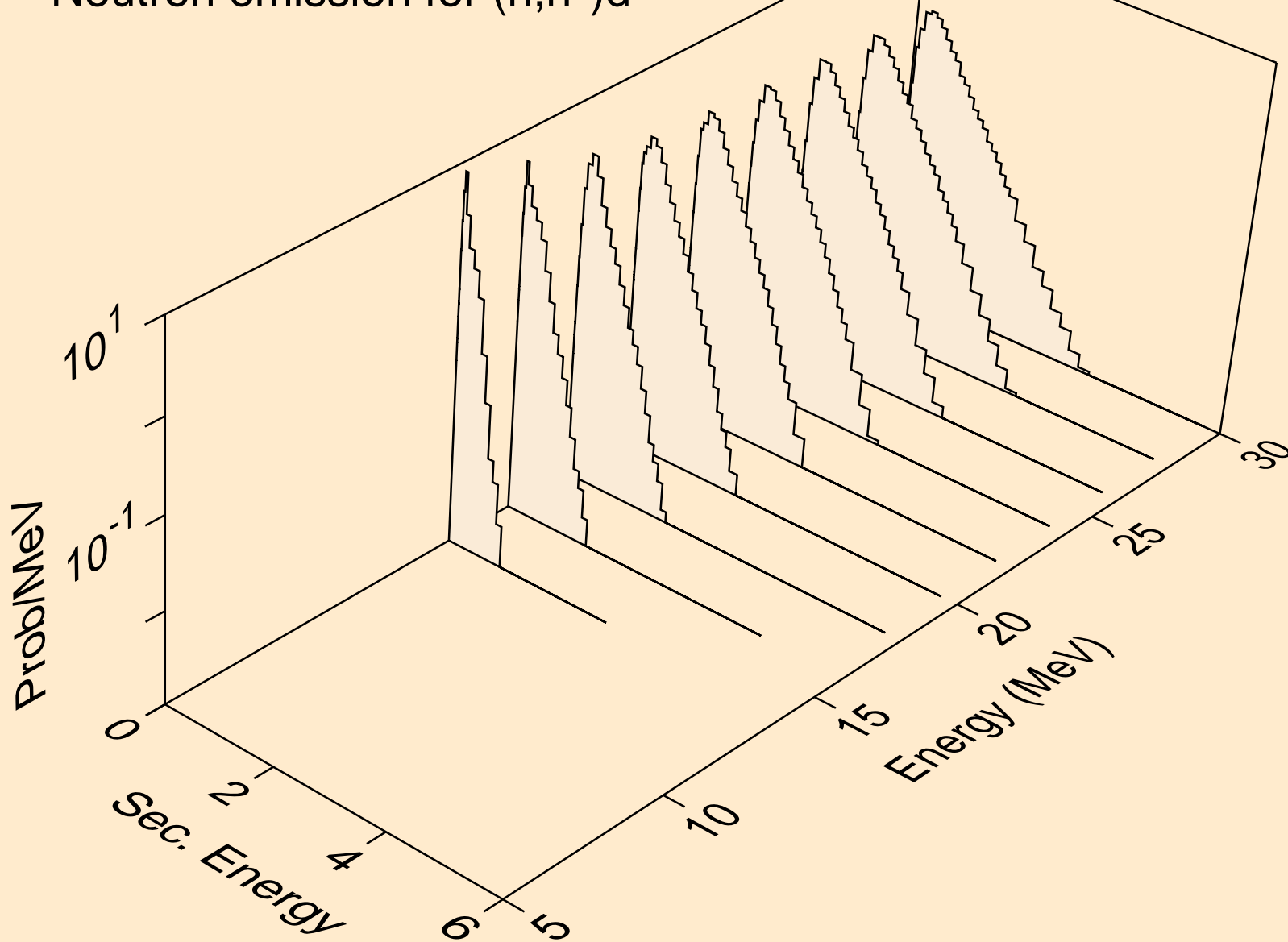
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



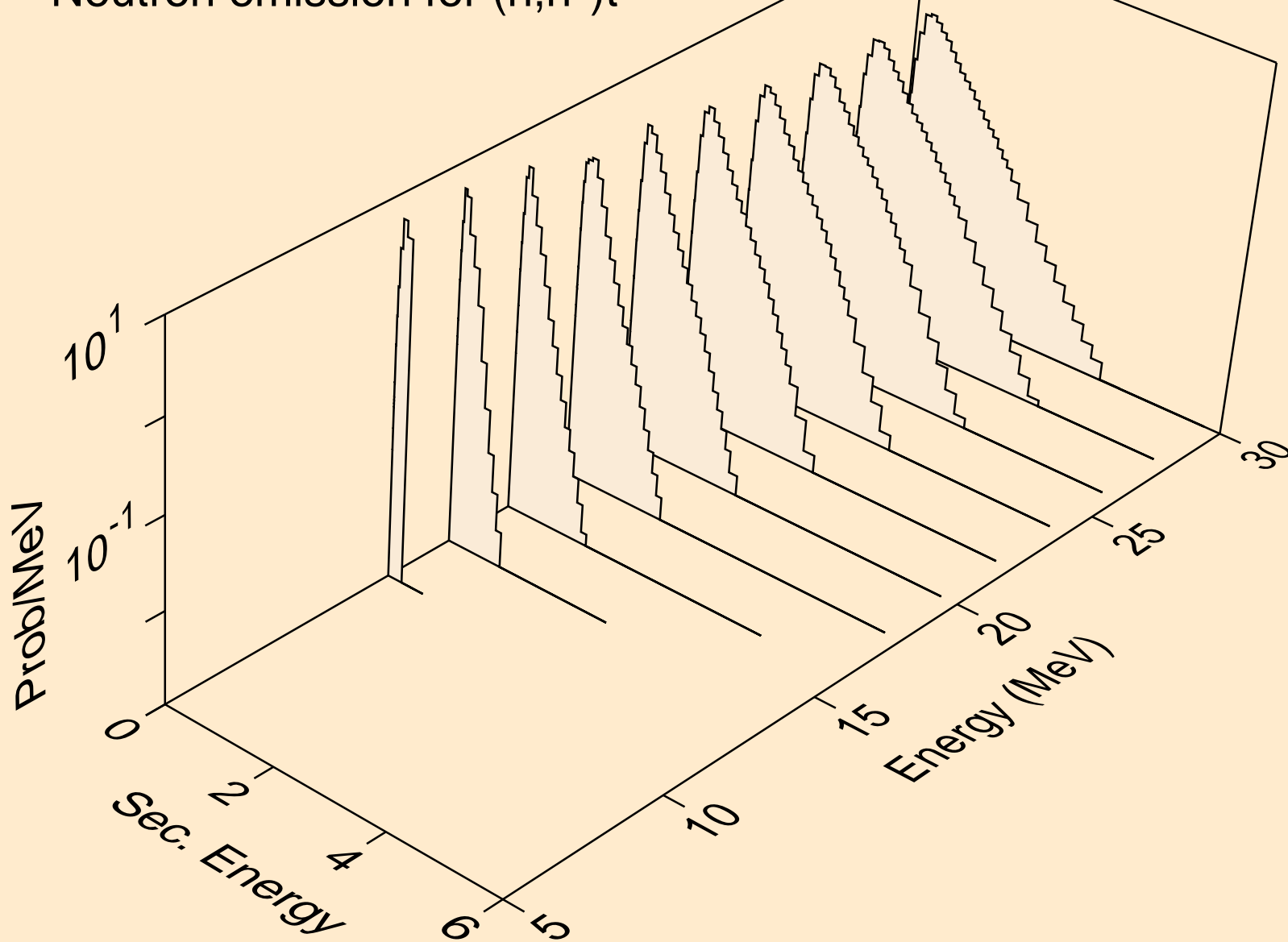
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



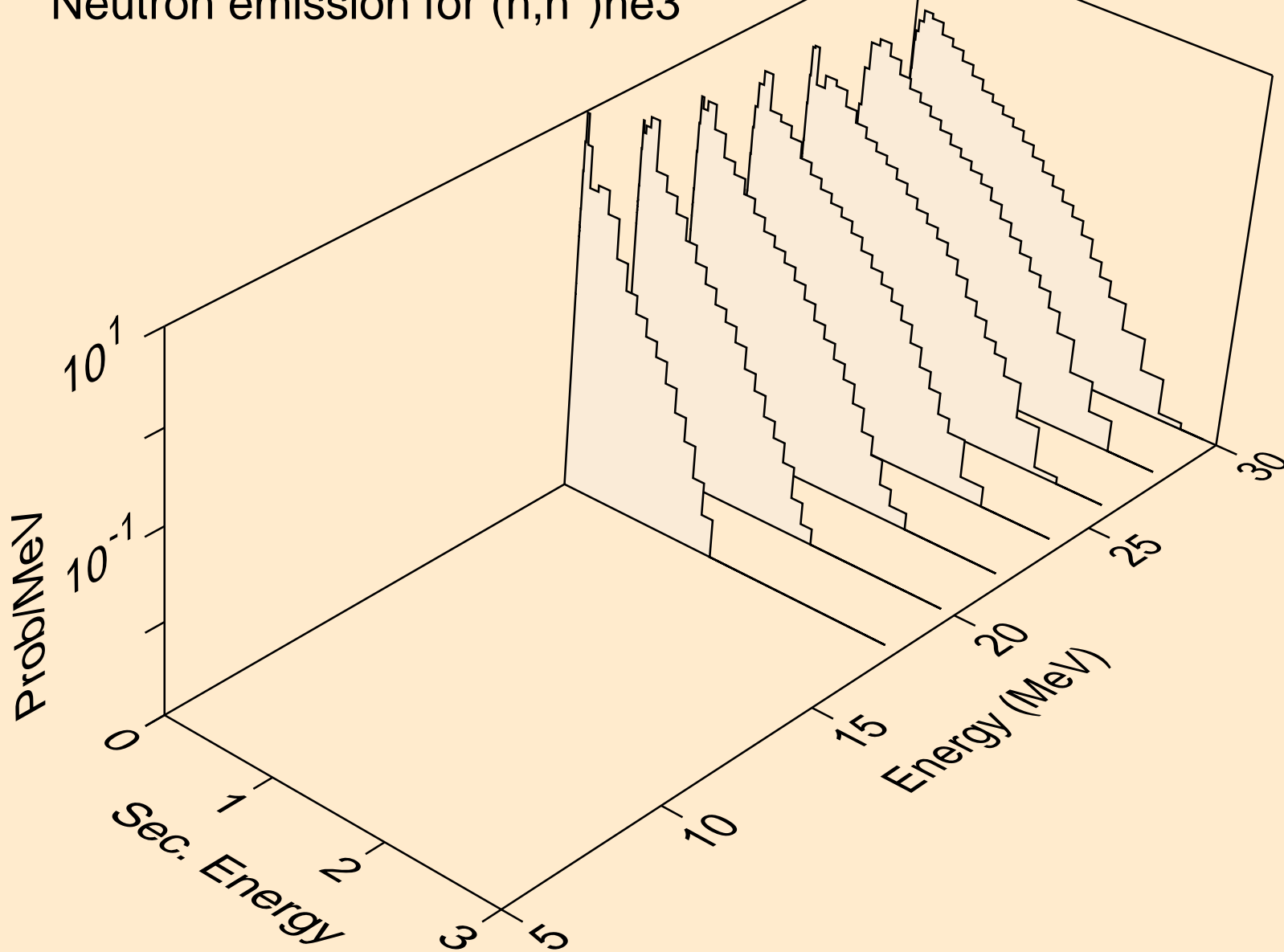
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



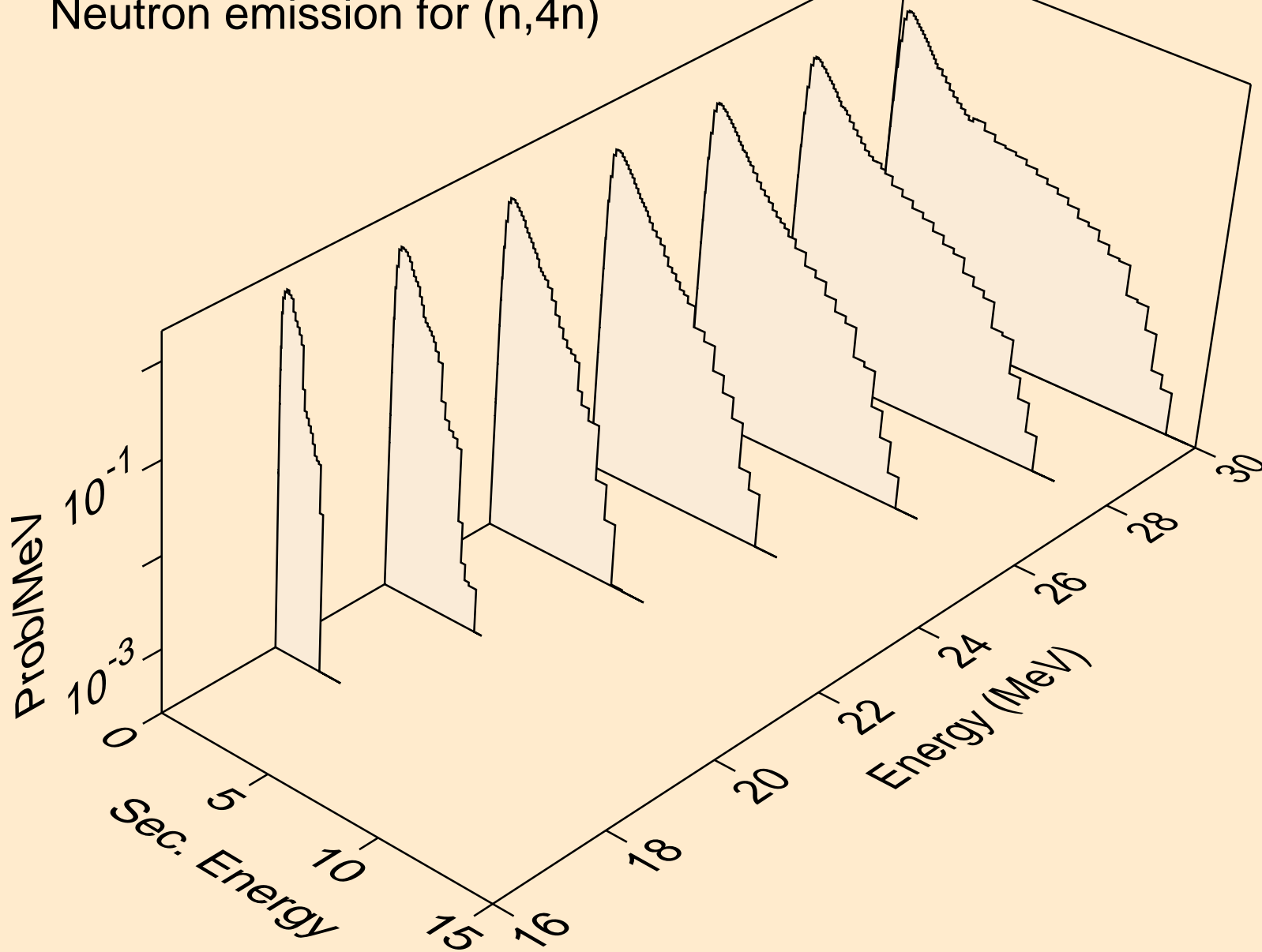
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



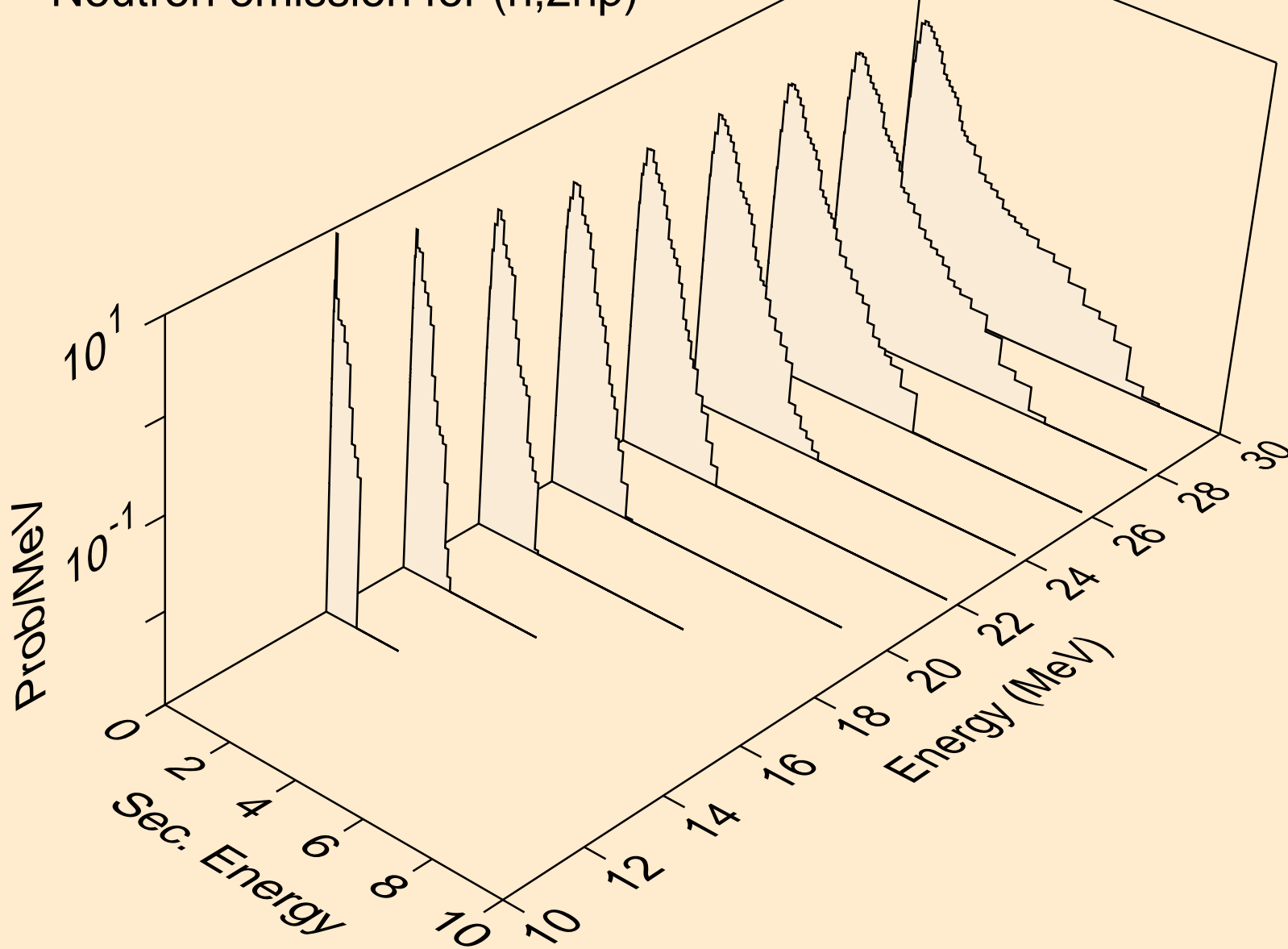
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



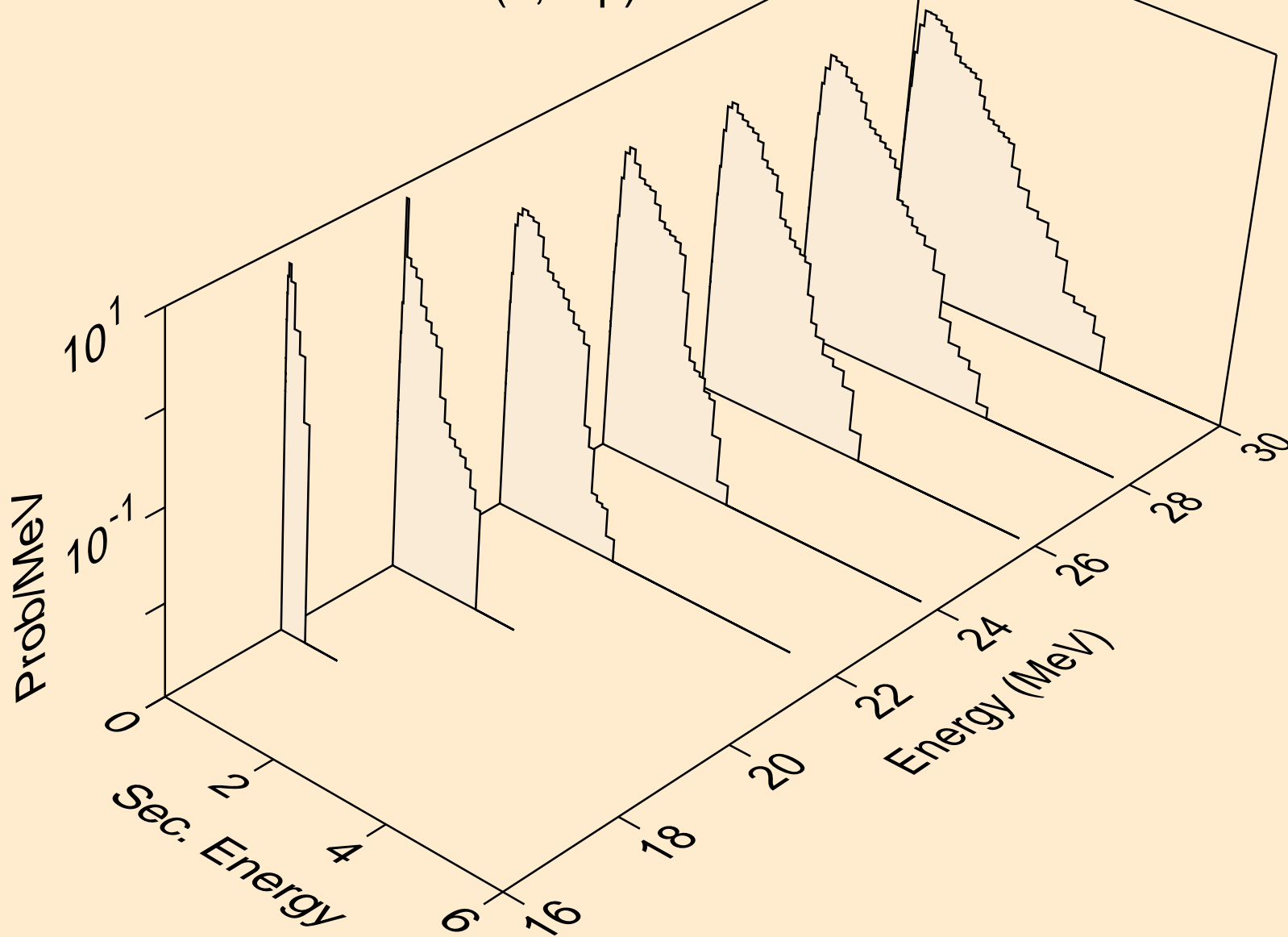
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



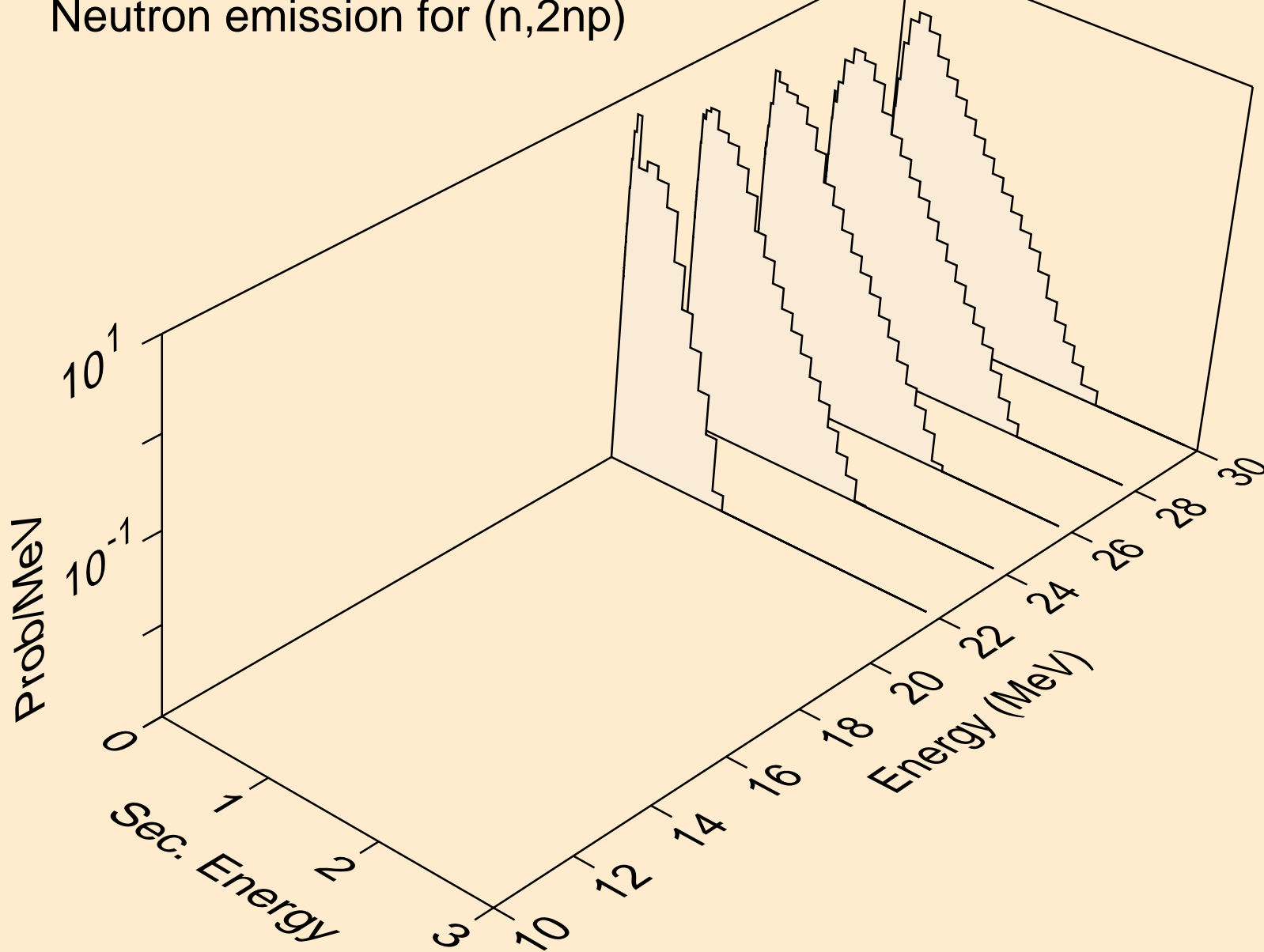
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



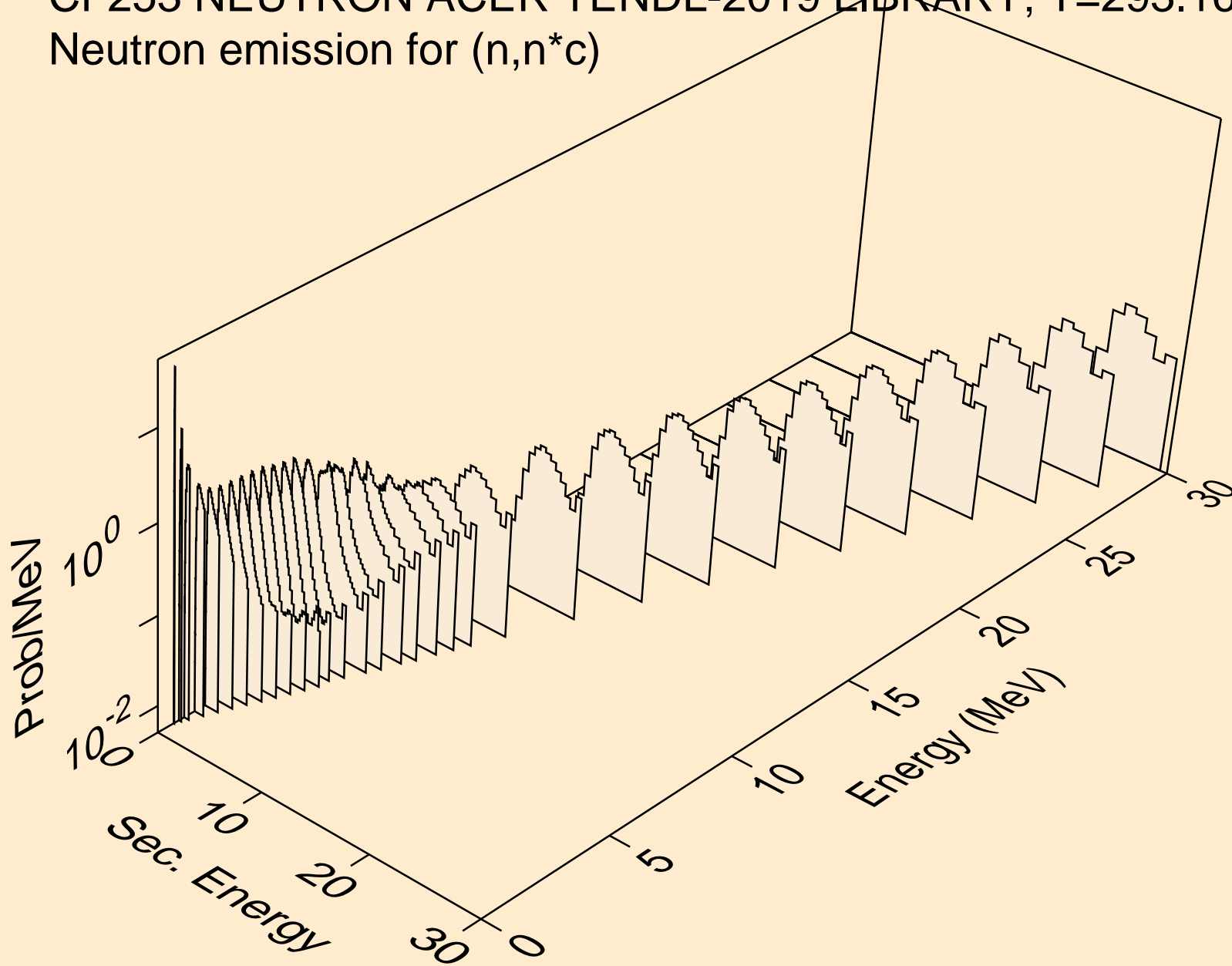
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



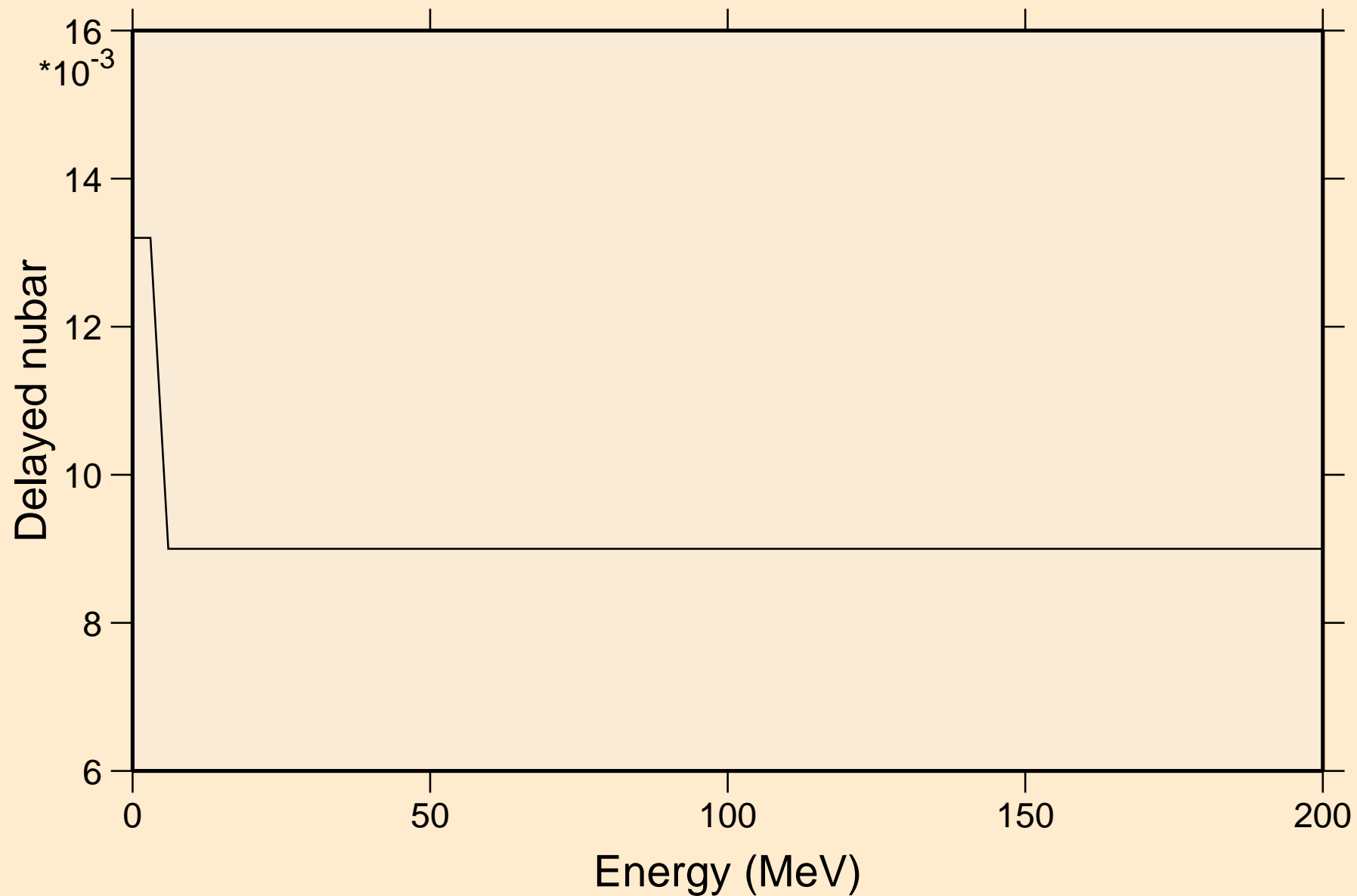
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)

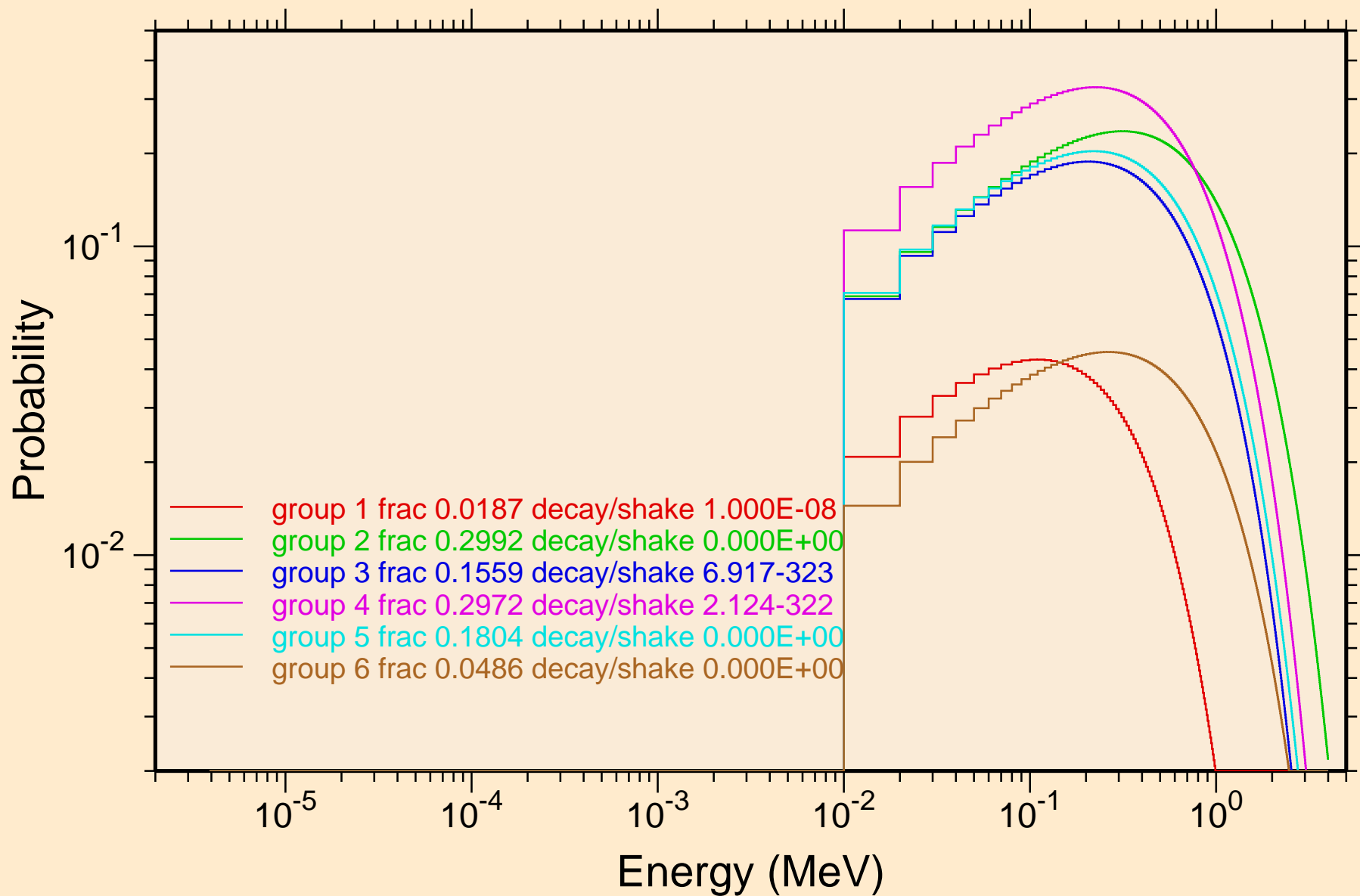


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Delayed nubar

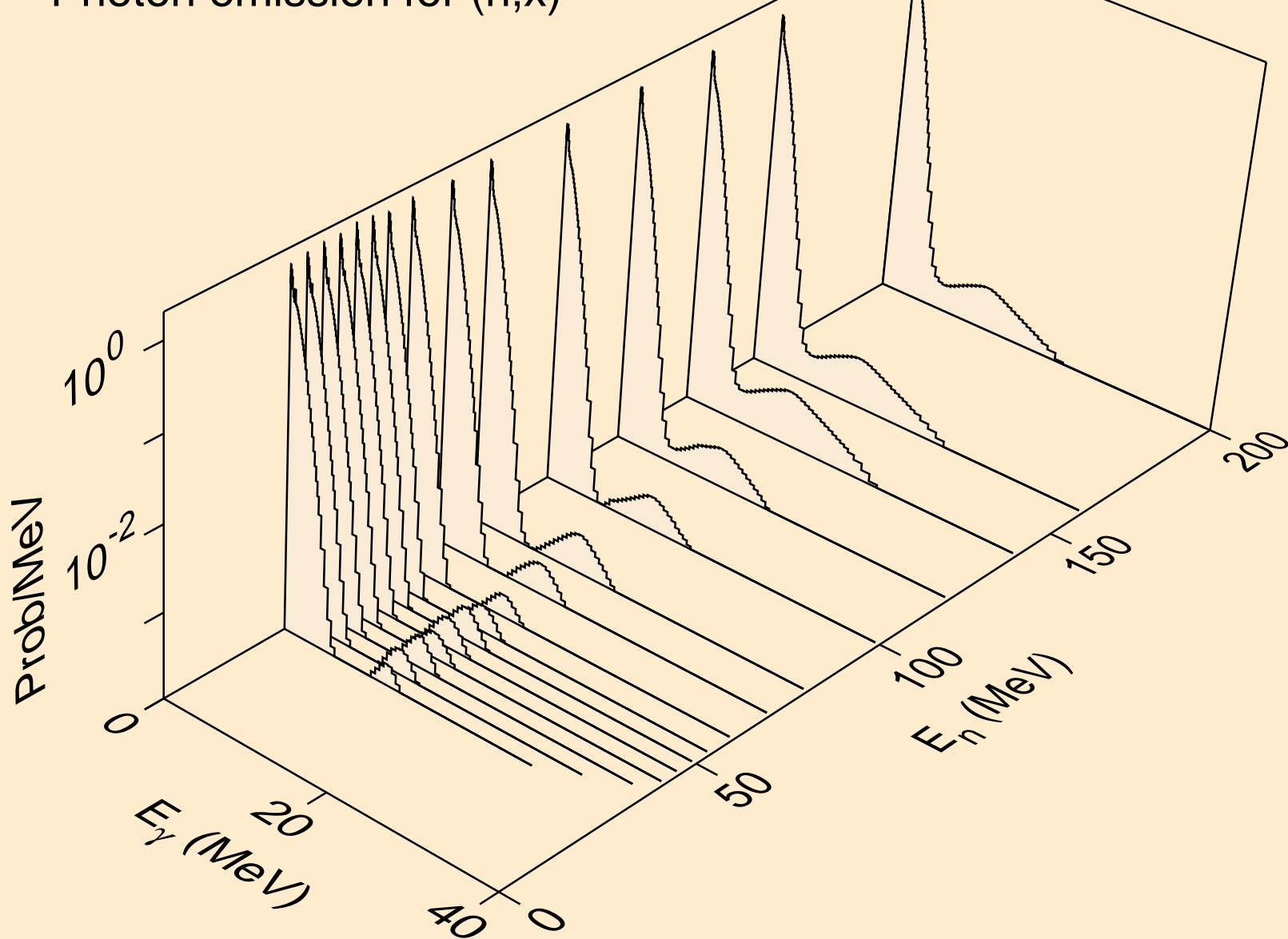


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

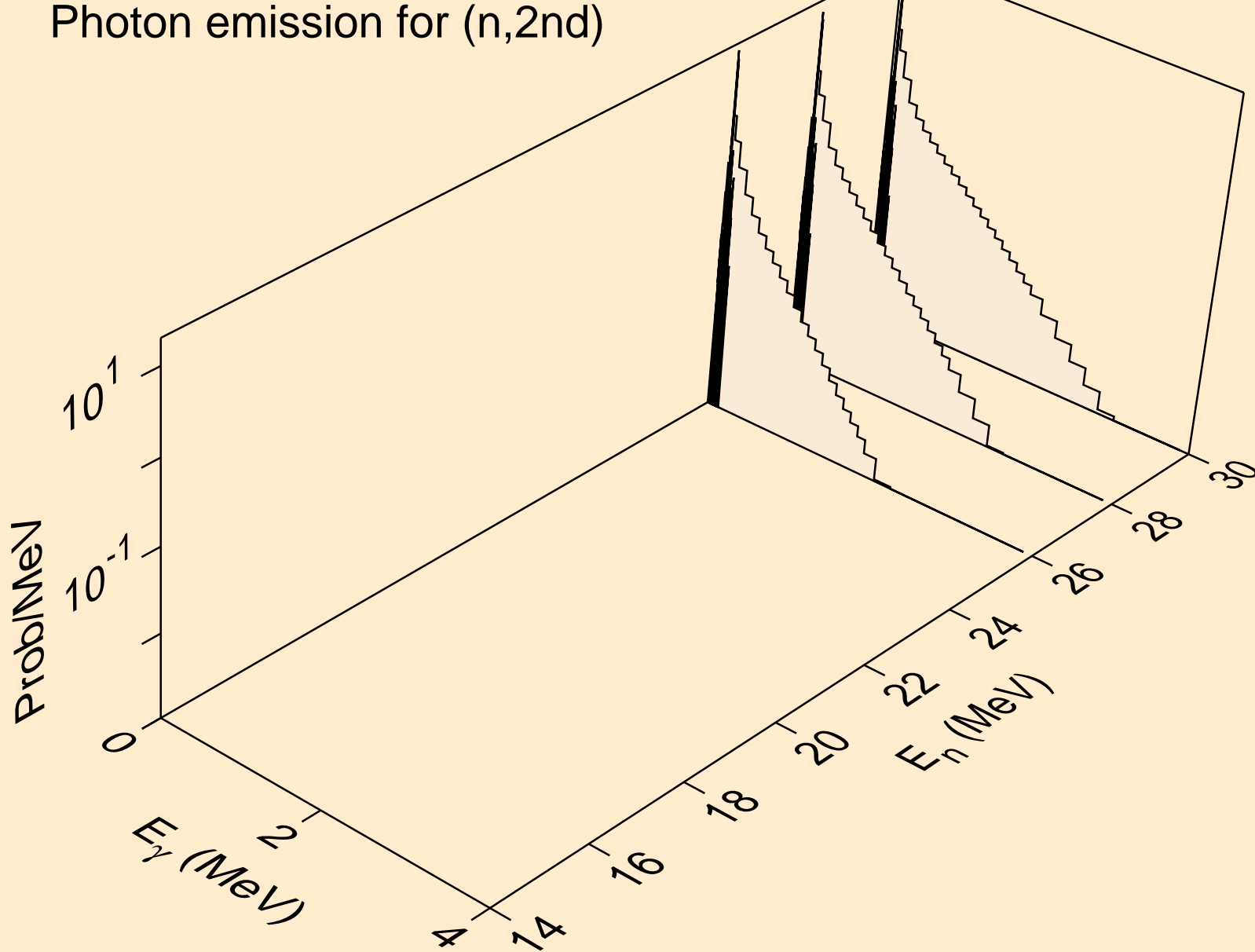
Delayed neutron spectra



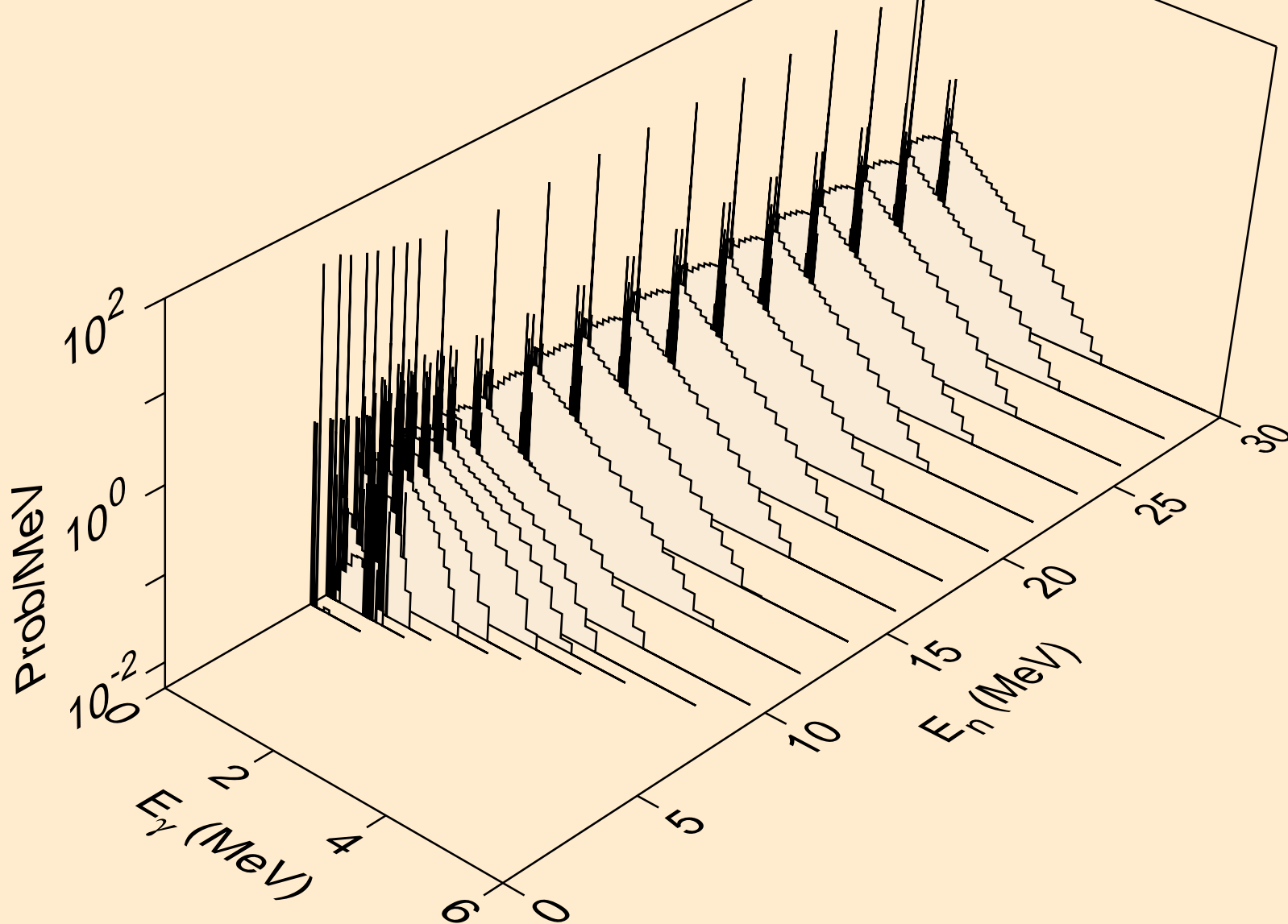
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



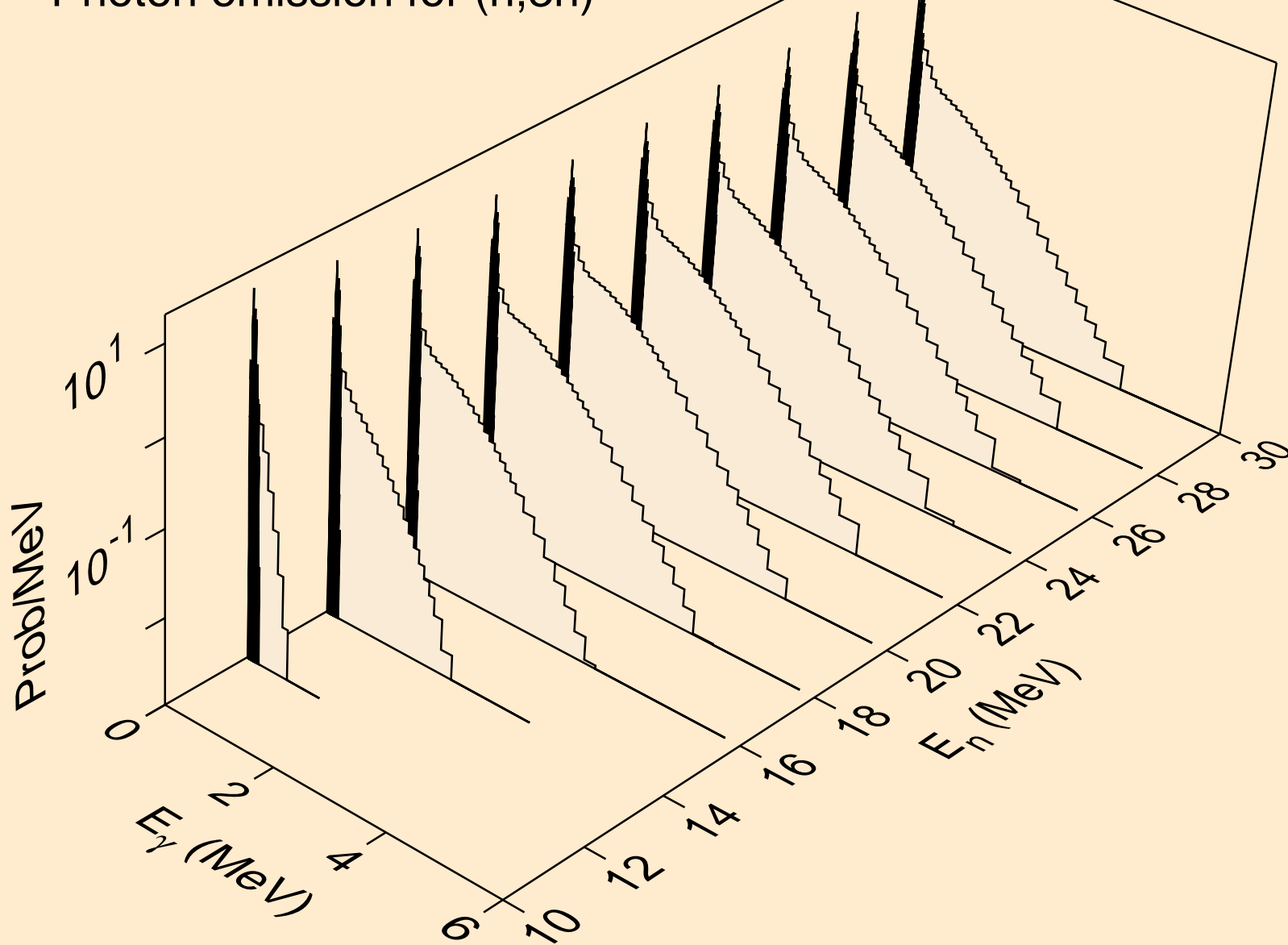
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



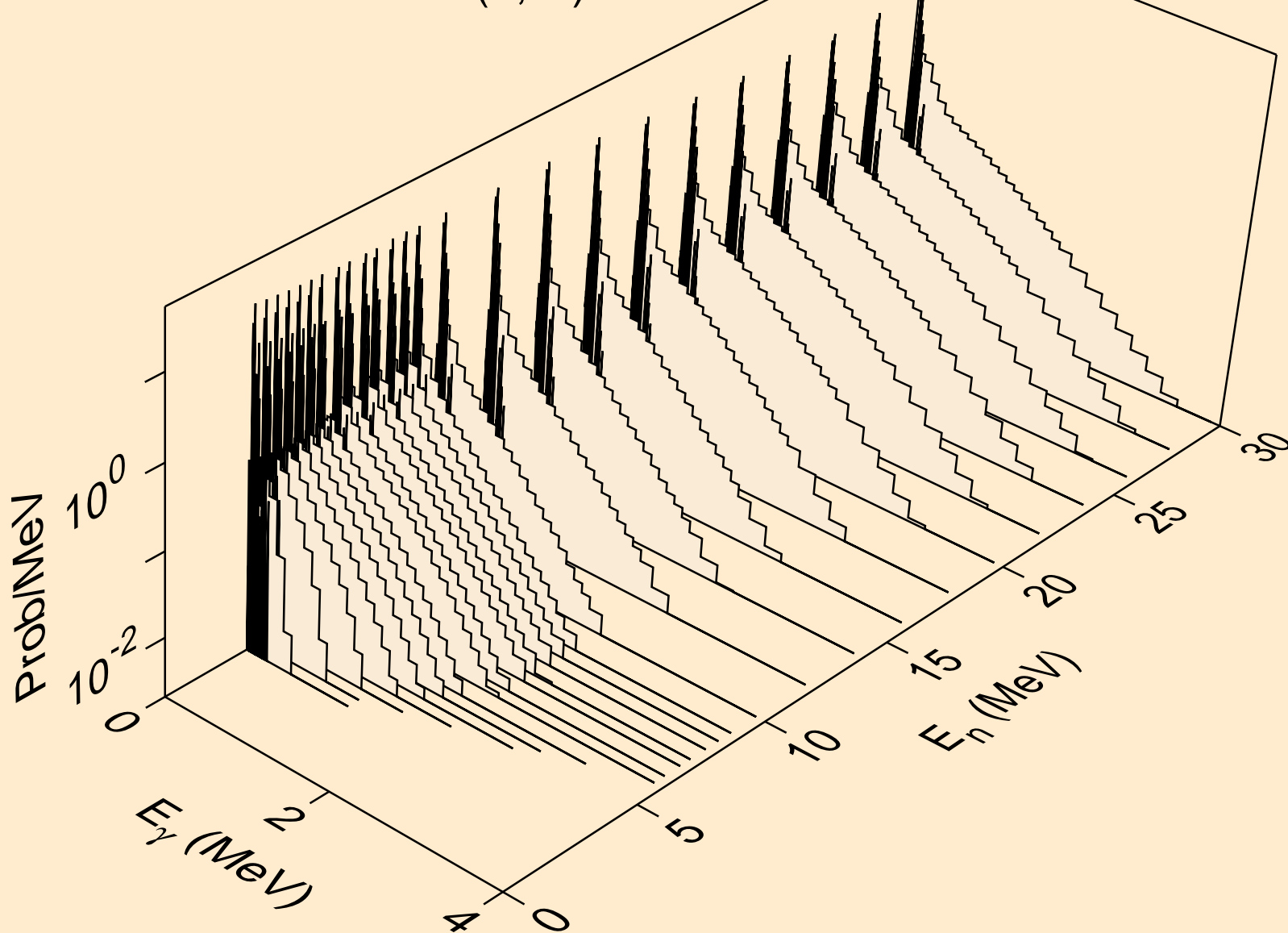
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



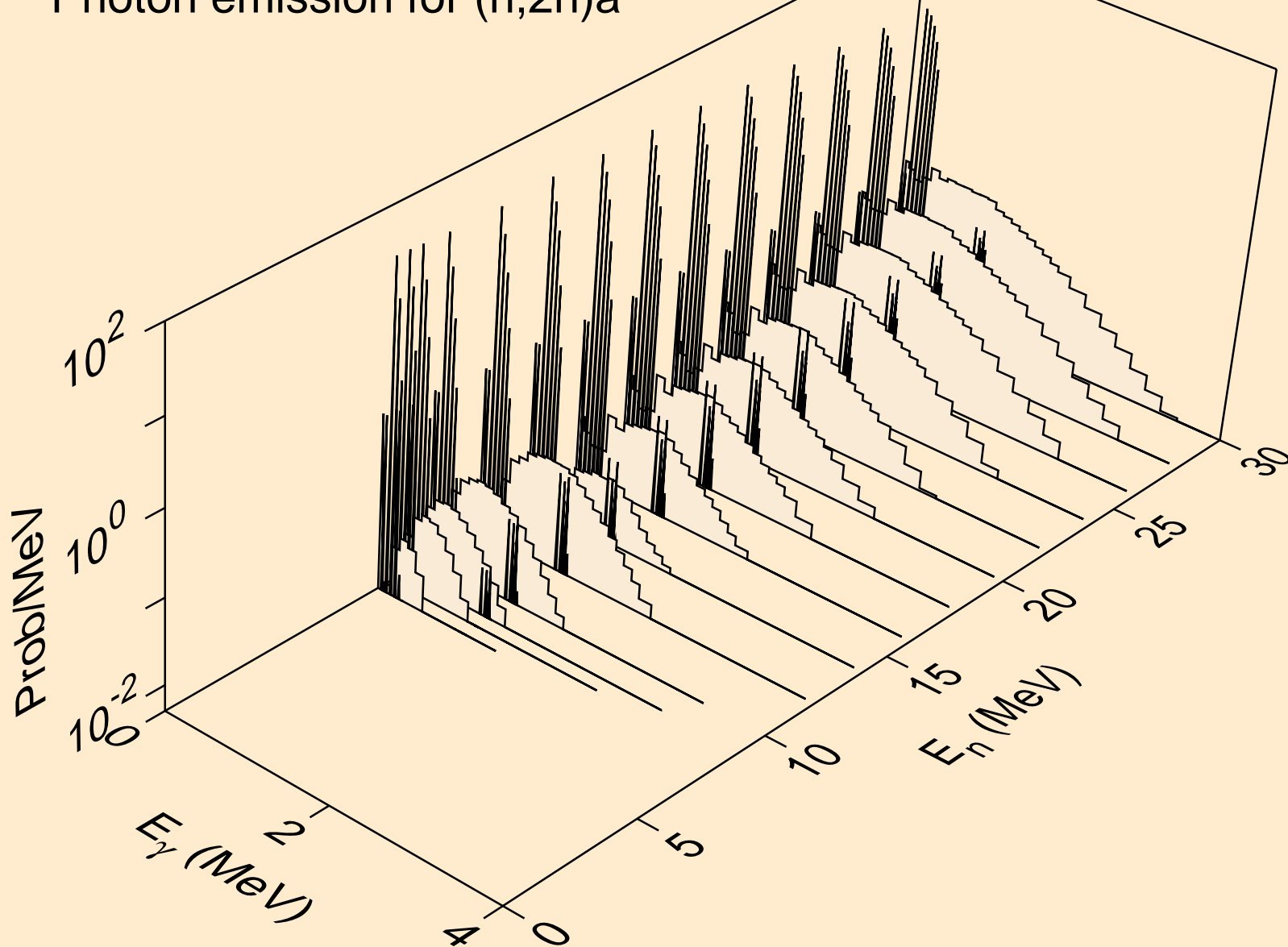
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



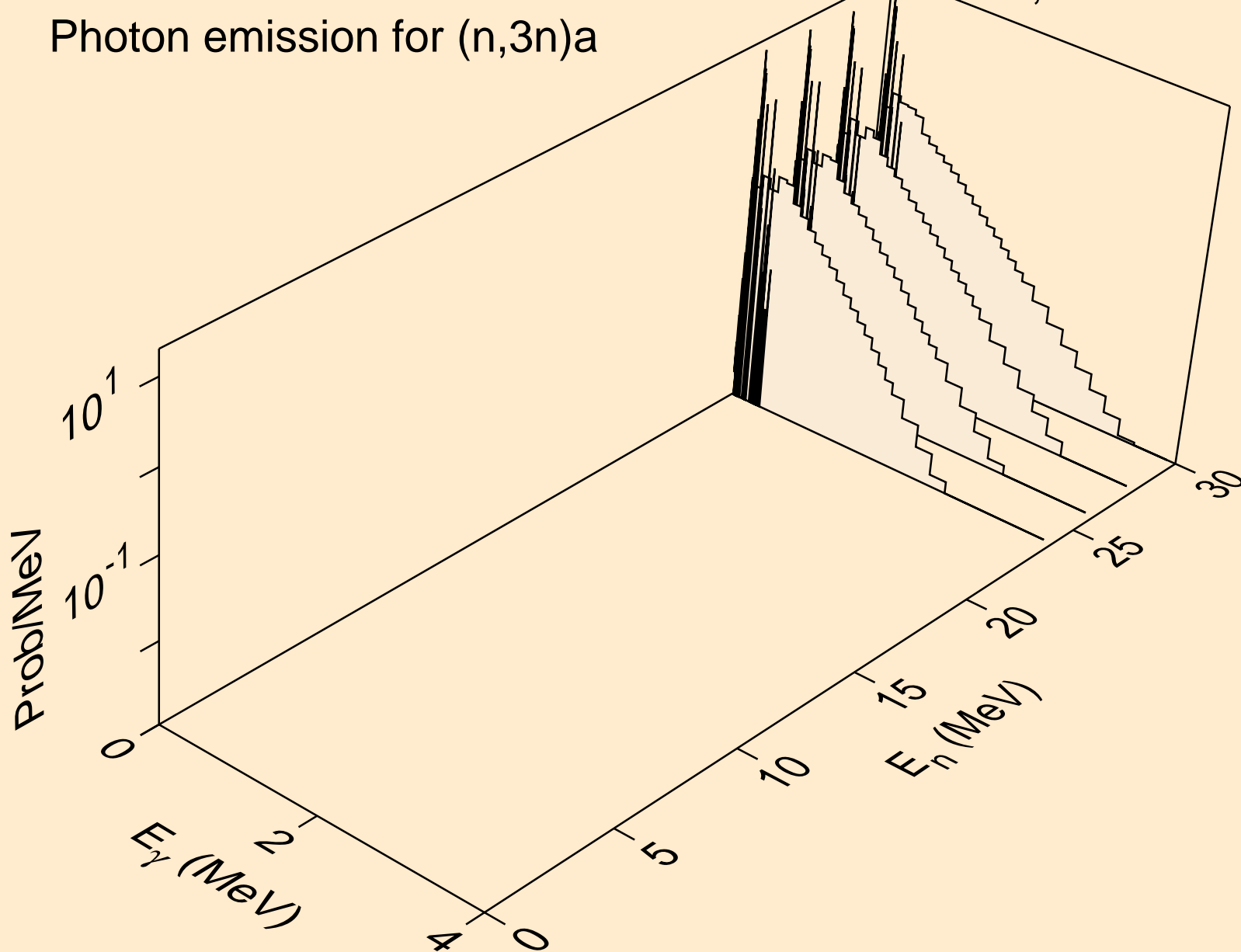
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



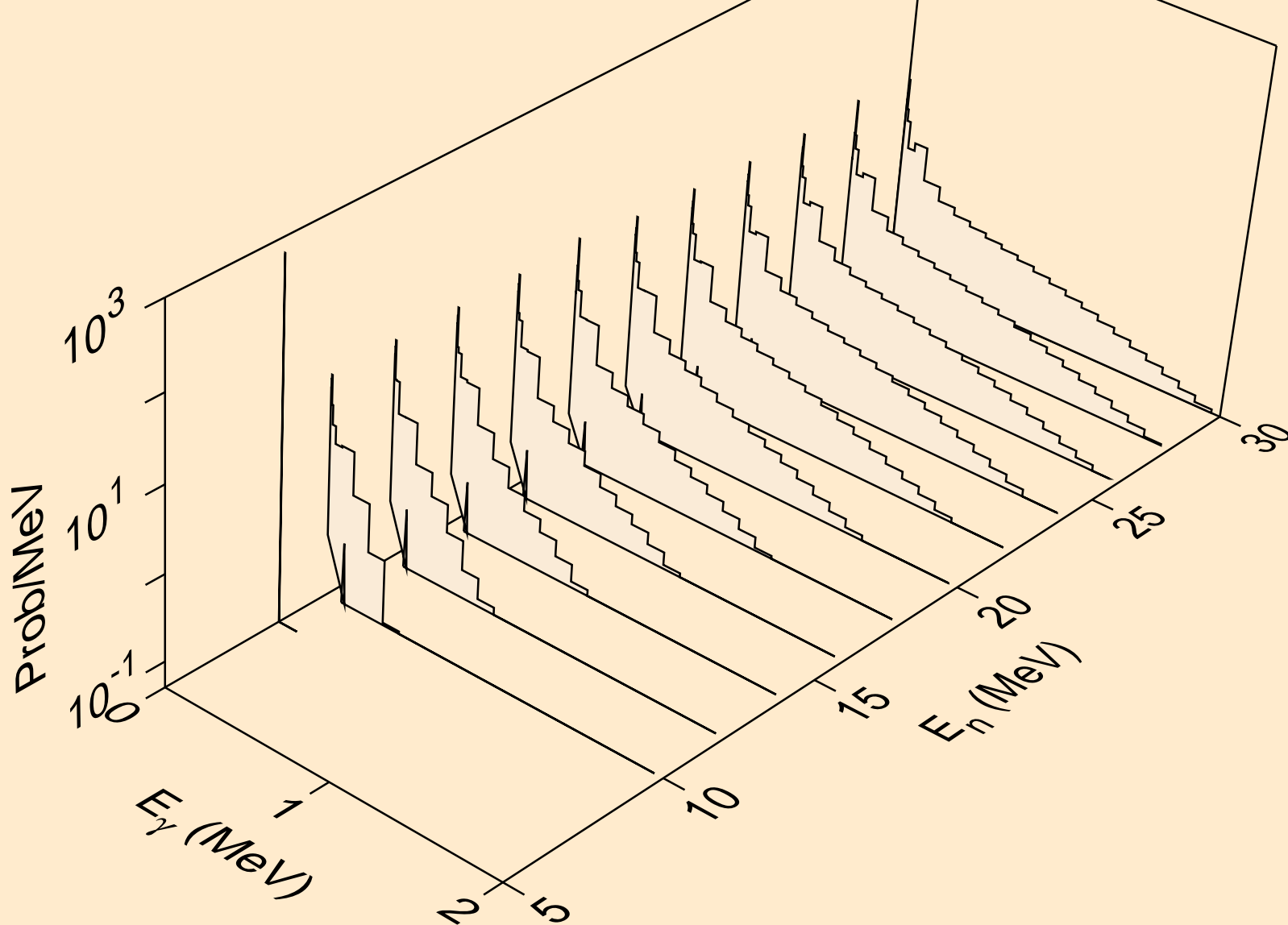
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



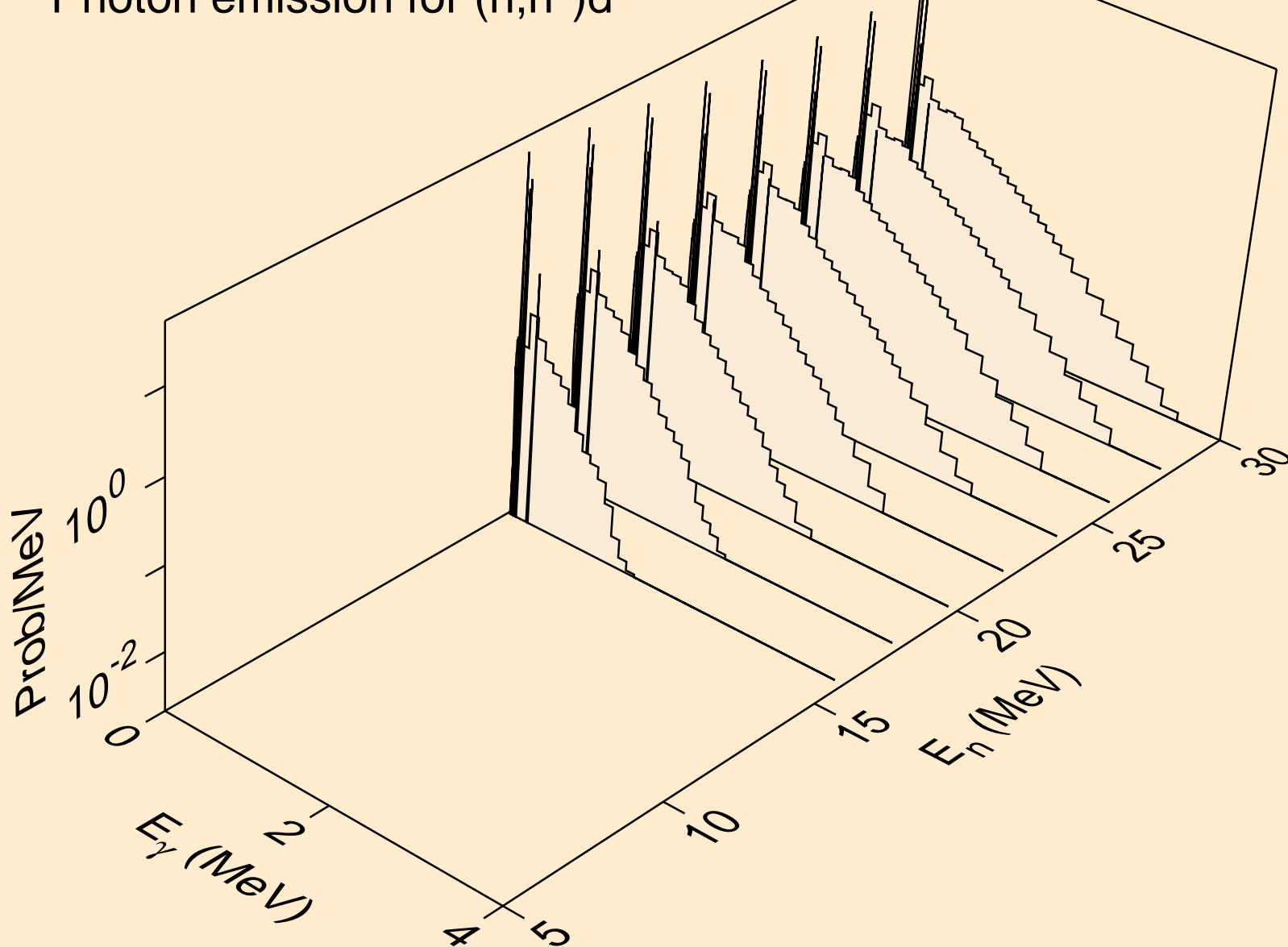
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



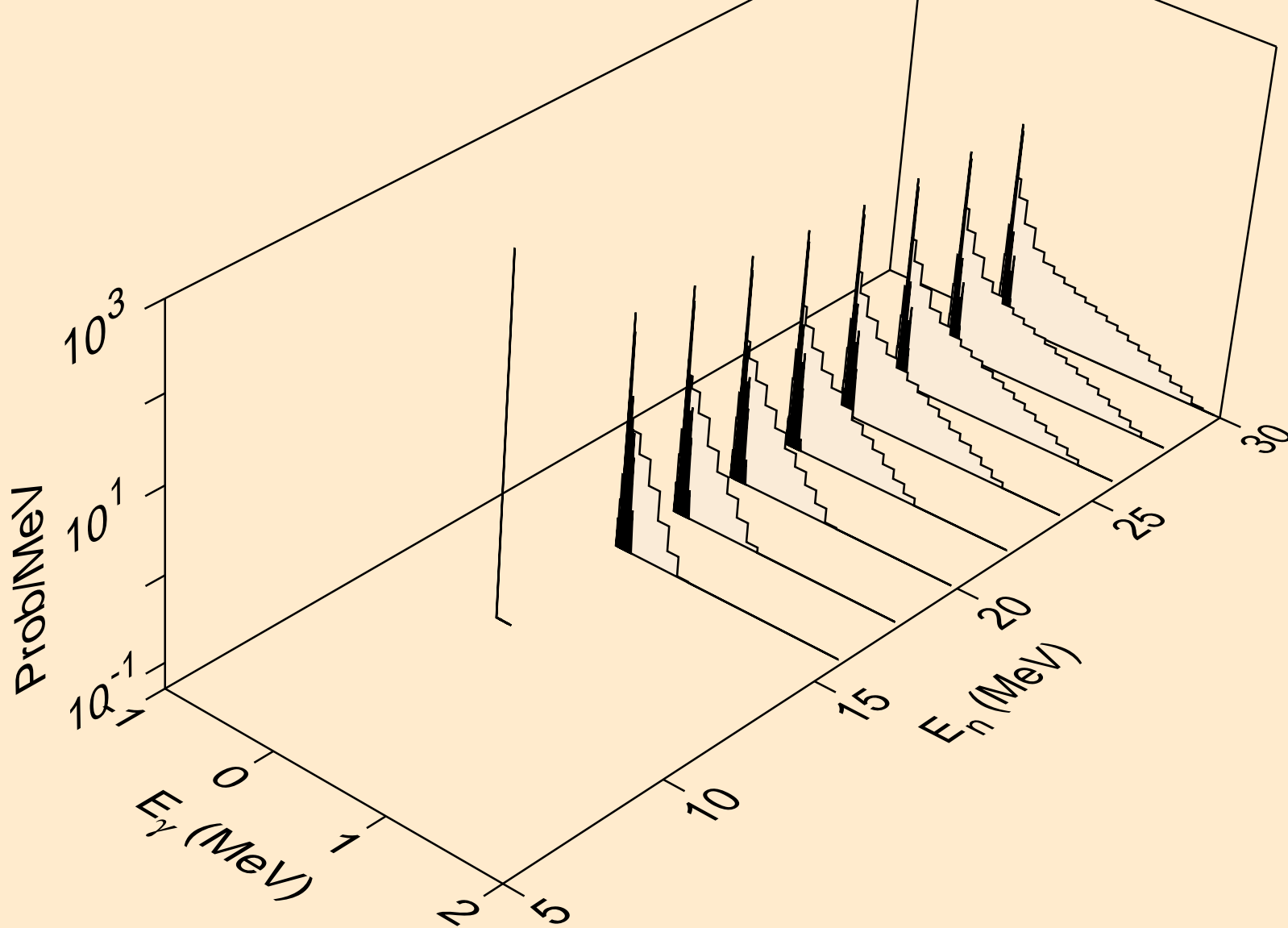
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



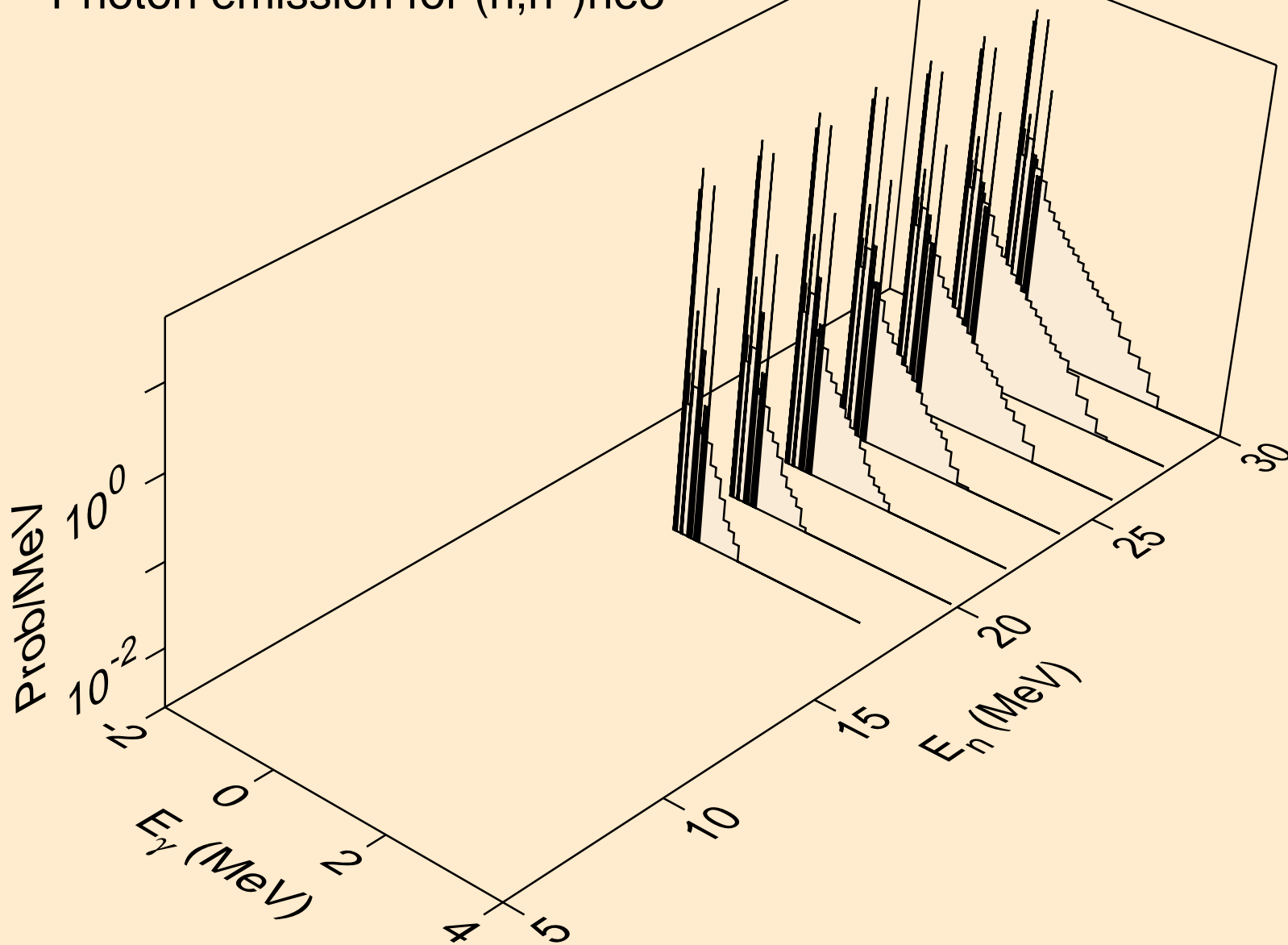
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



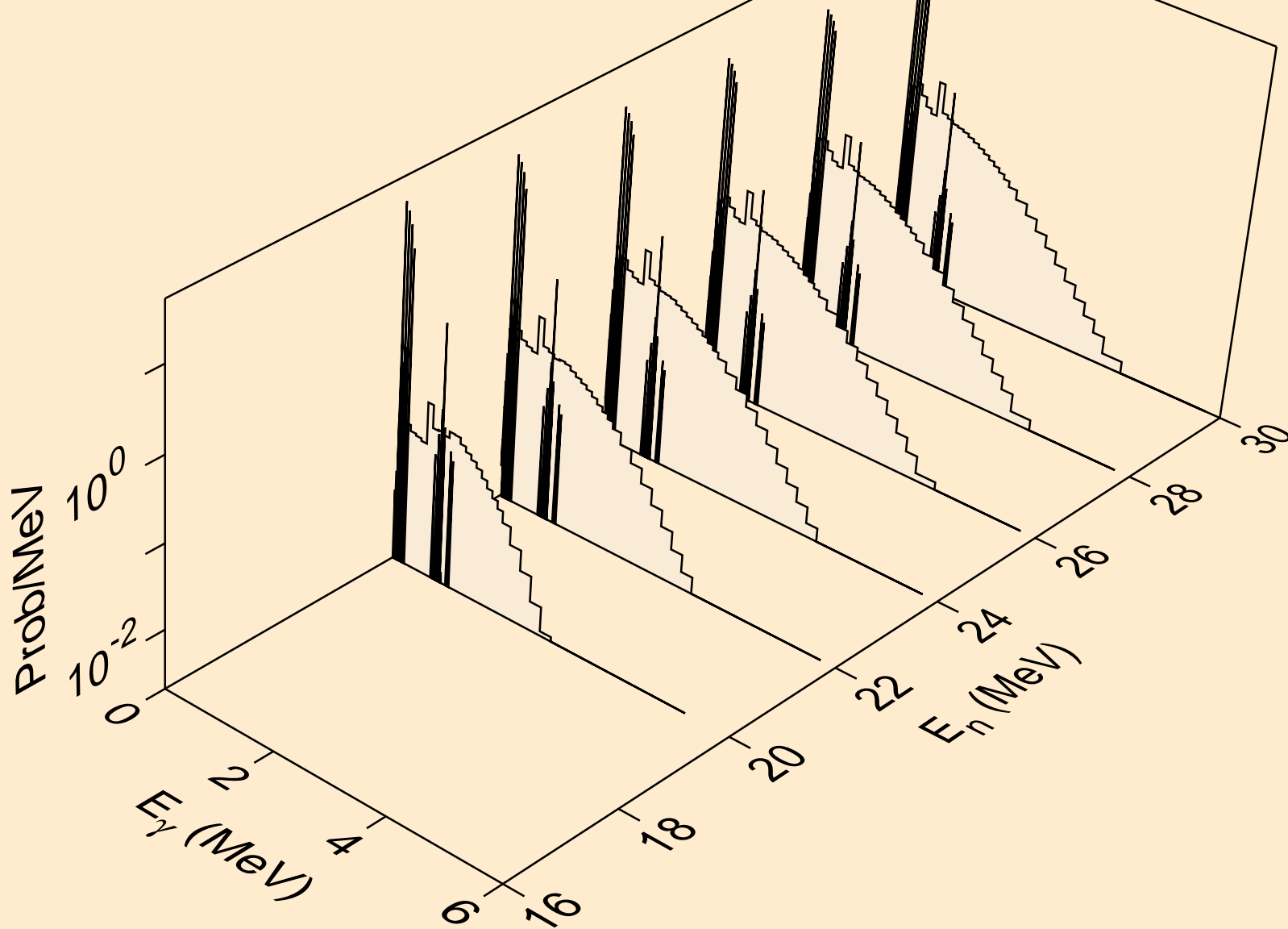
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



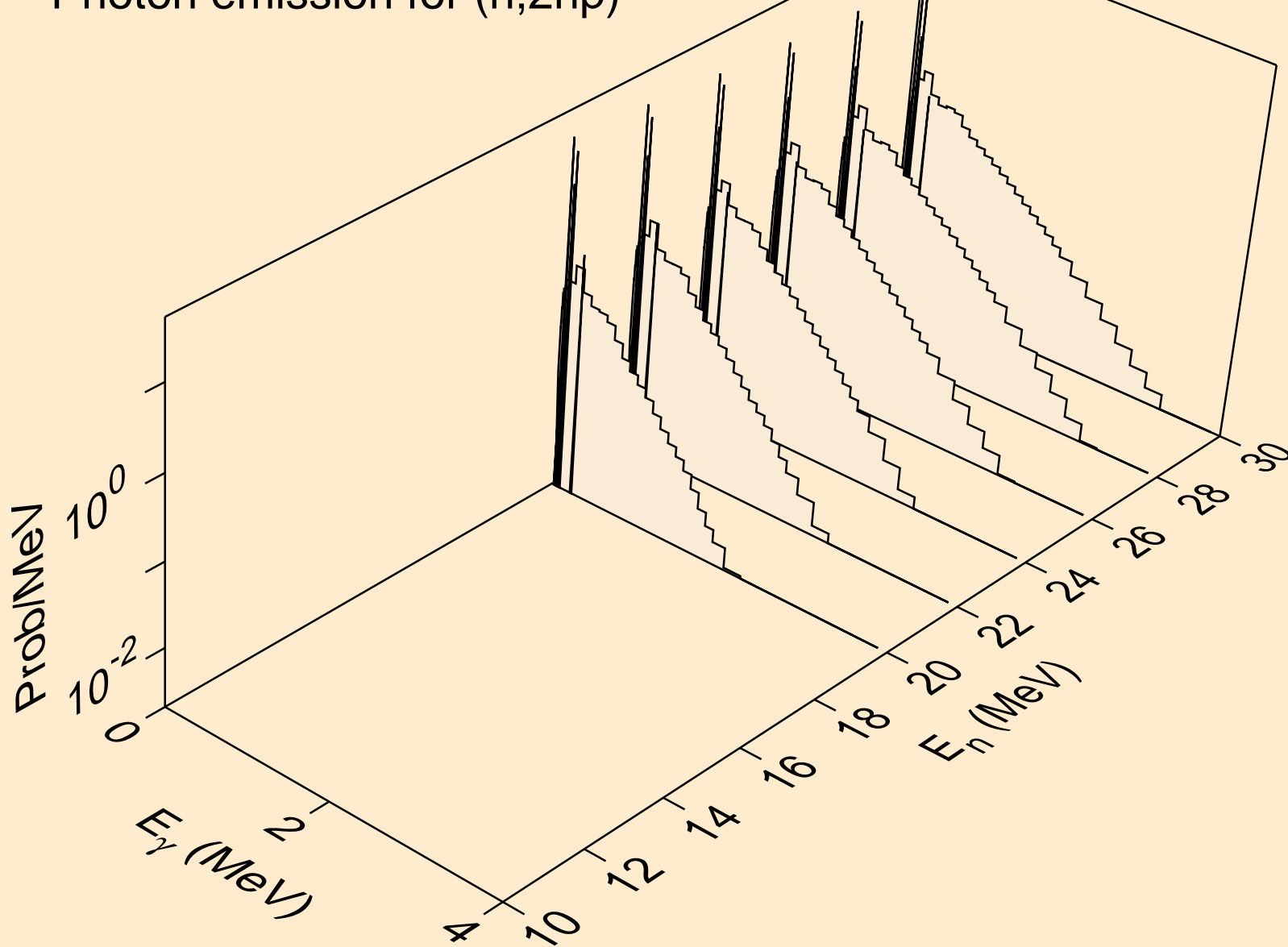
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



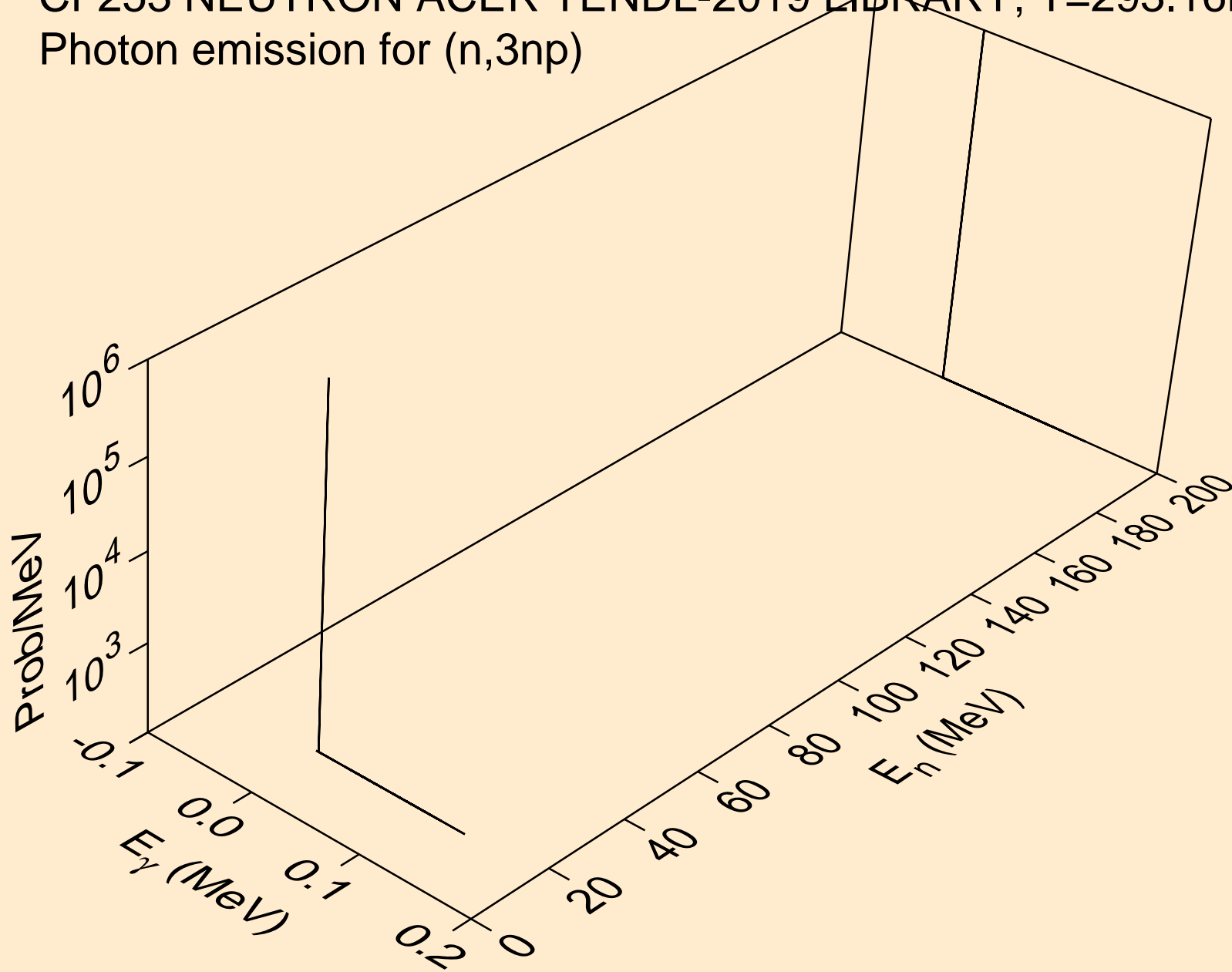
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



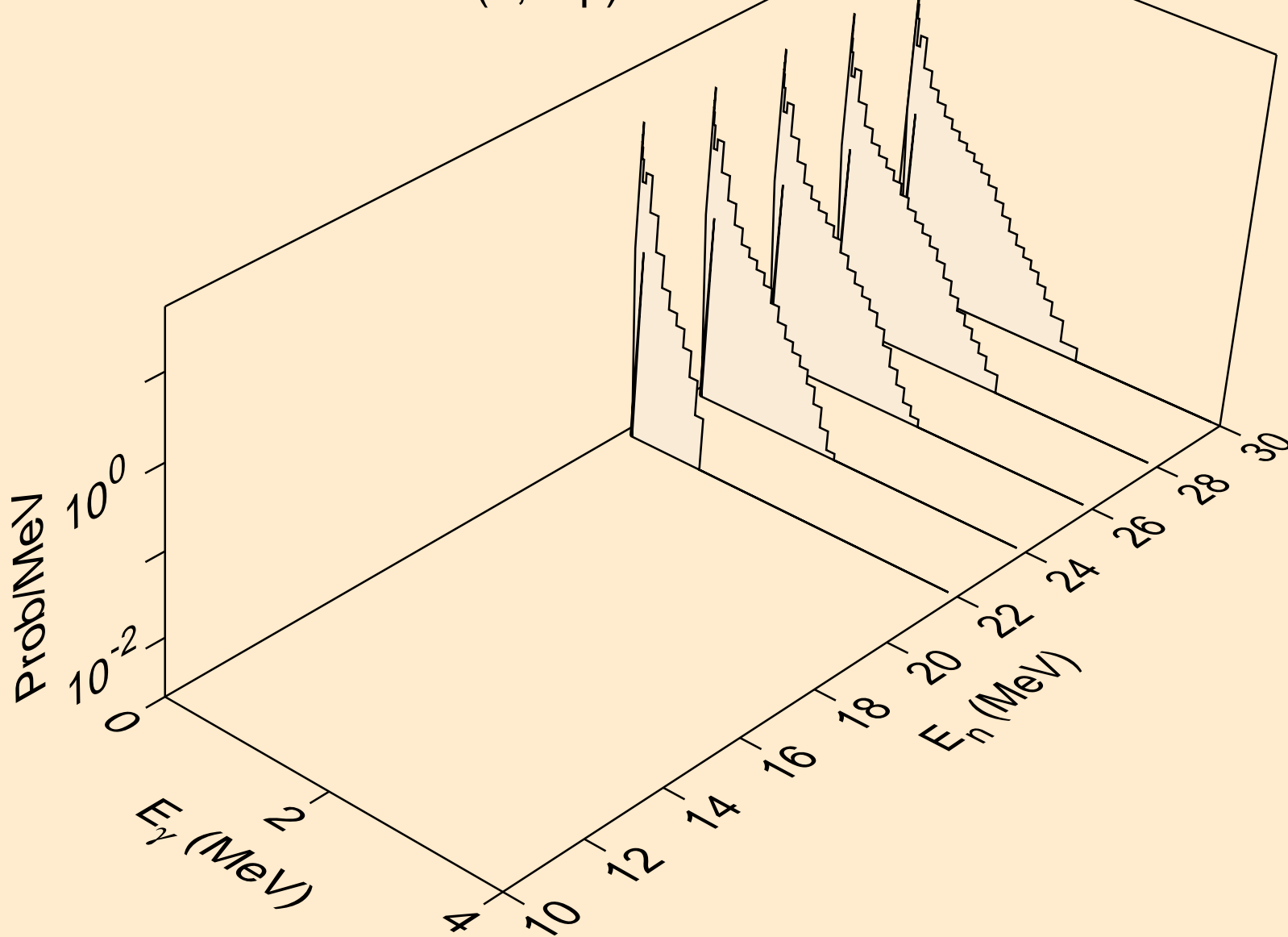
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



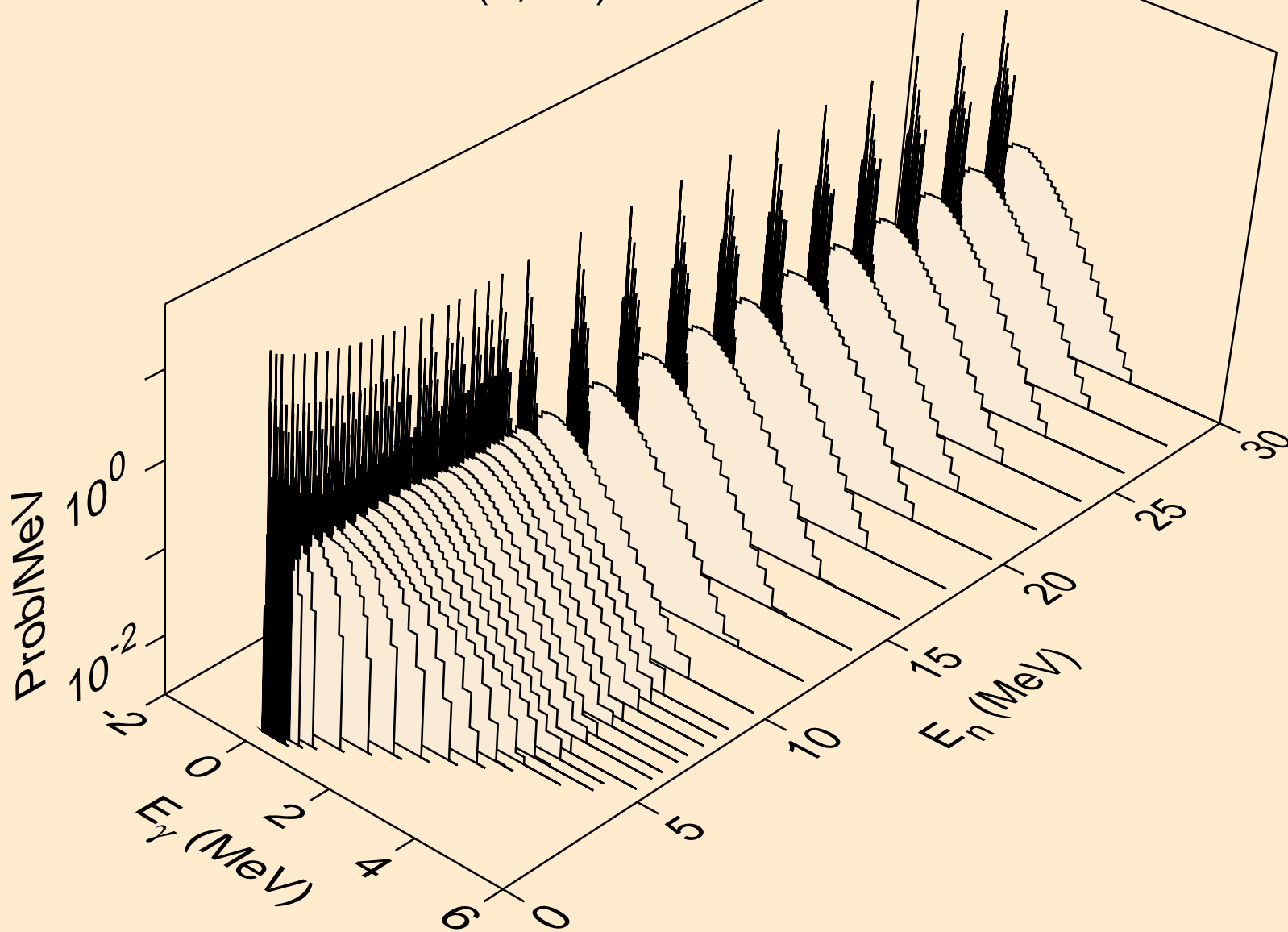
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



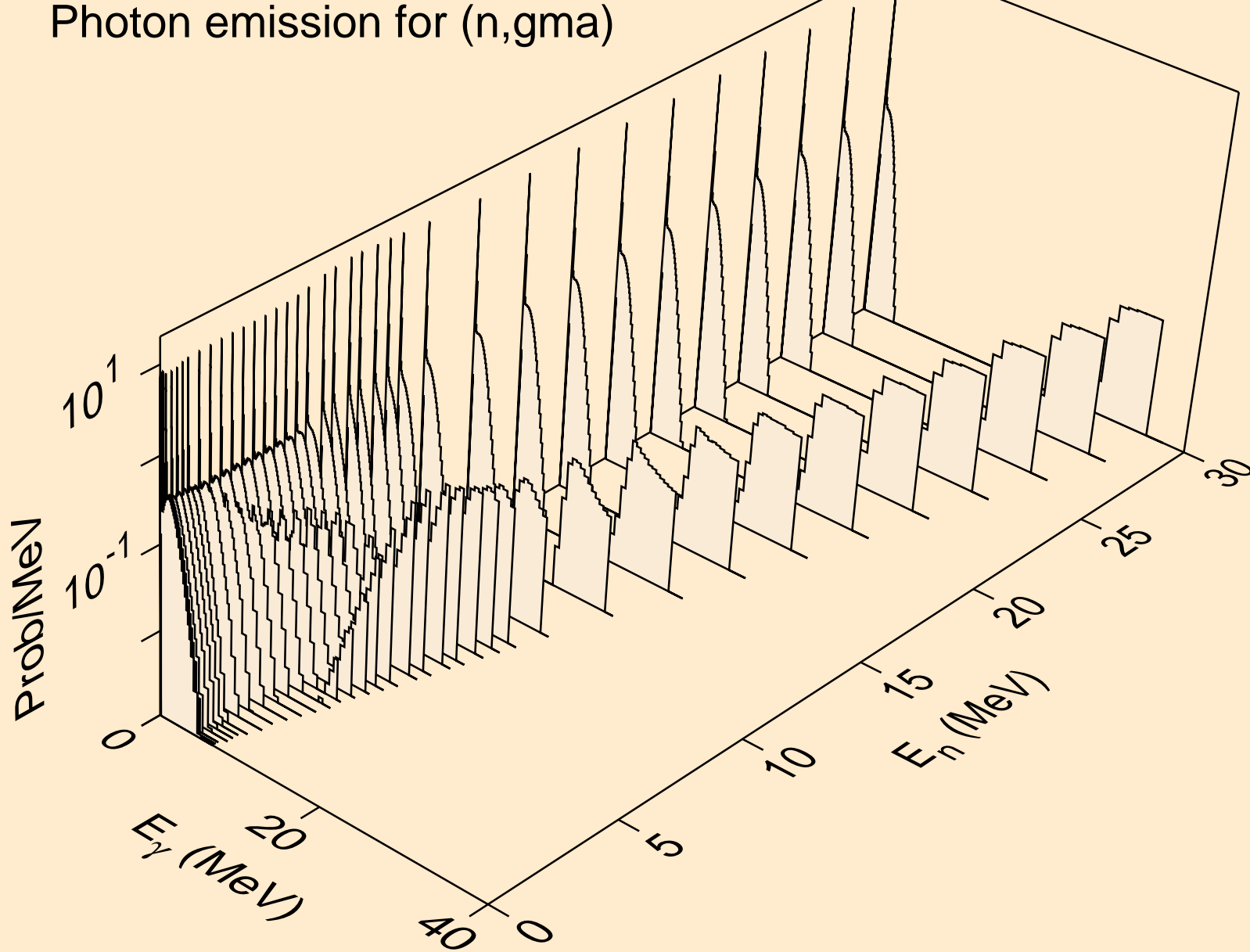
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



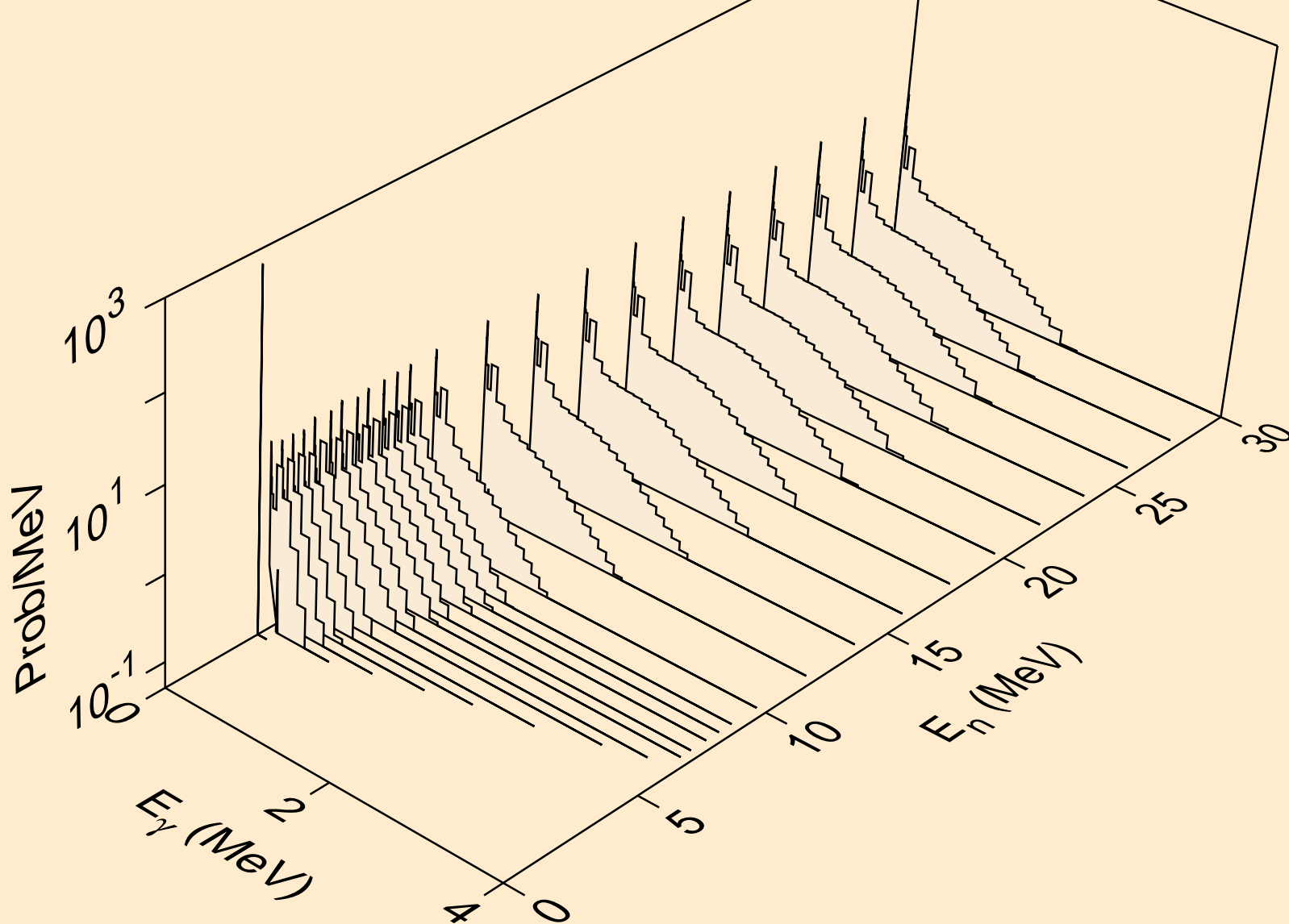
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



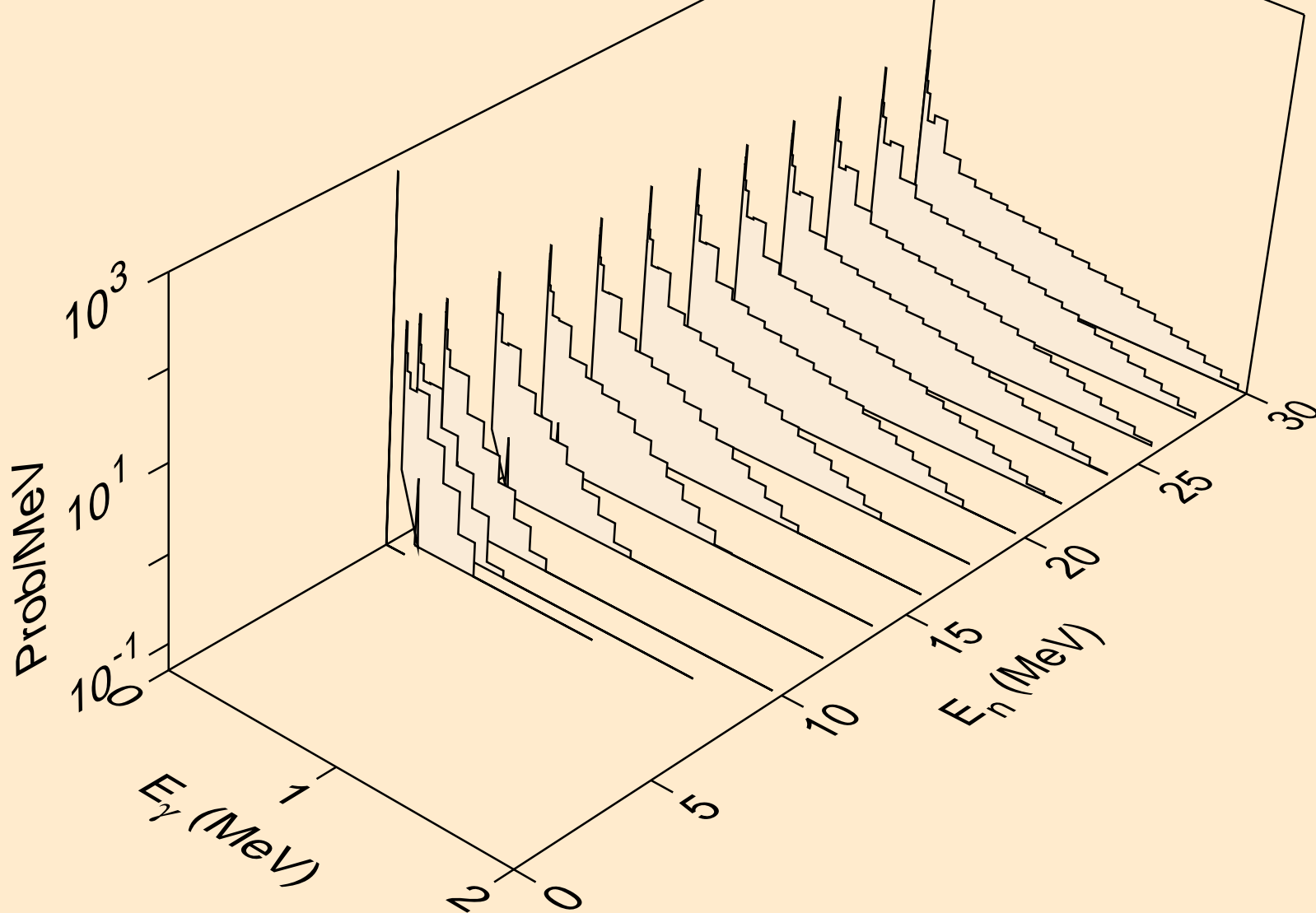
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



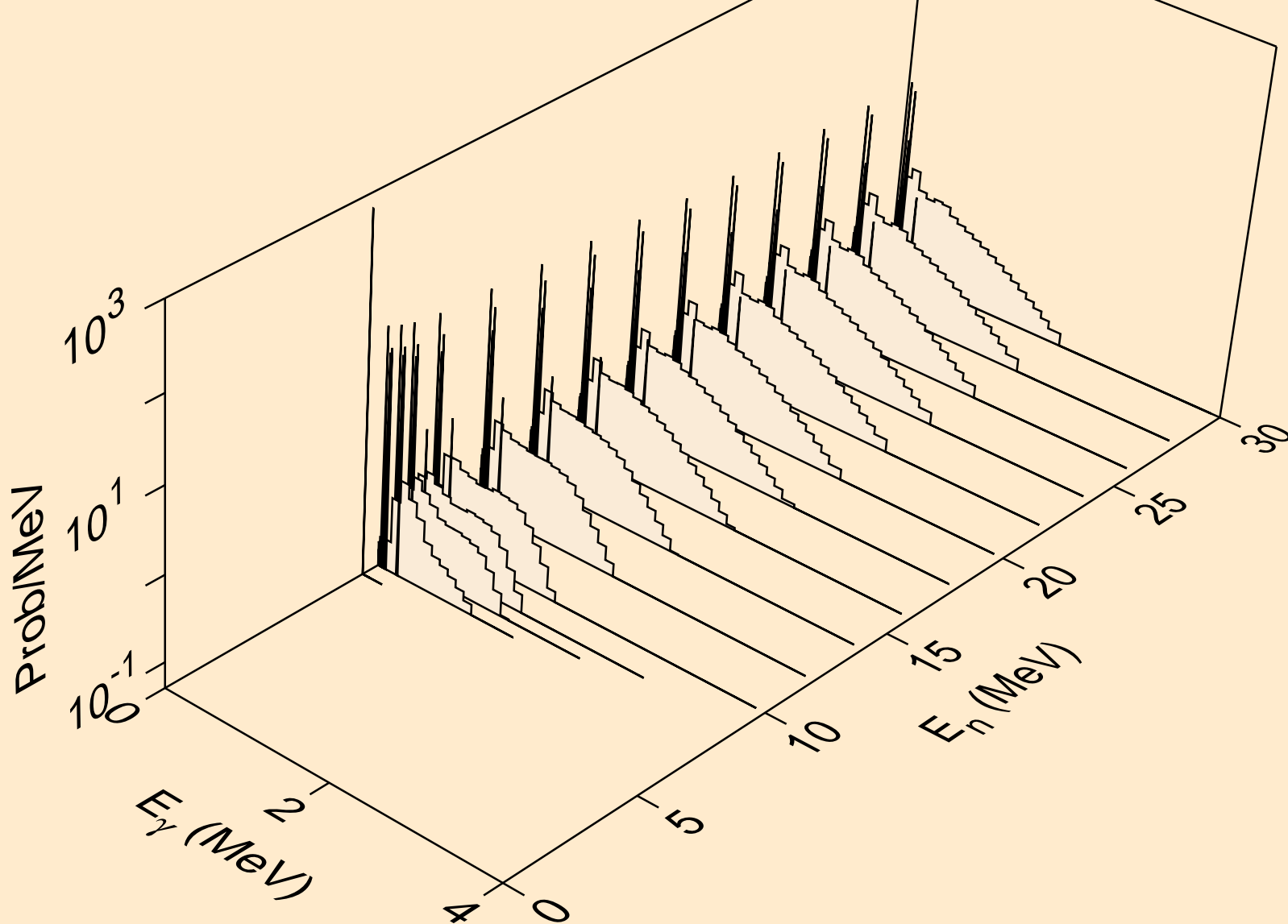
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



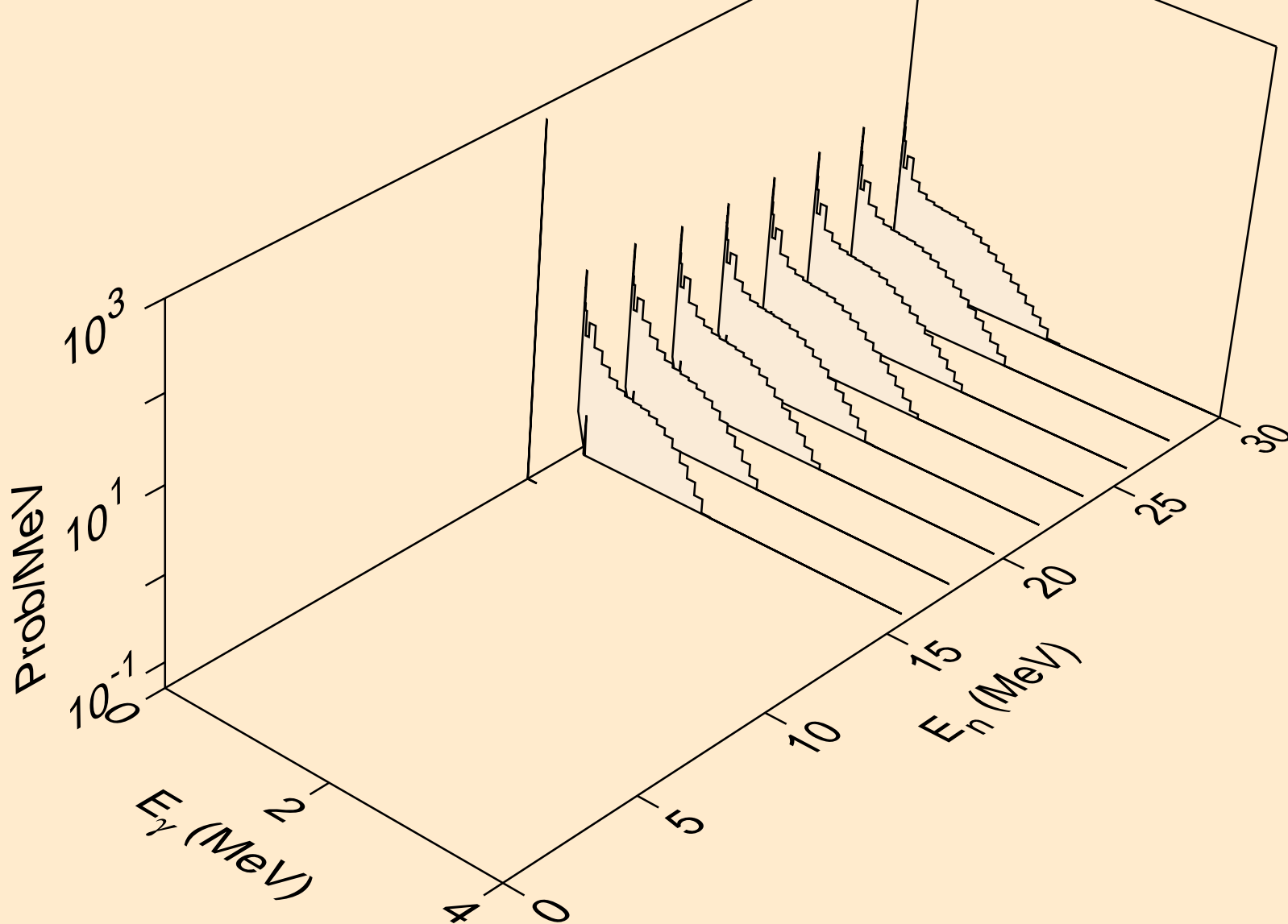
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



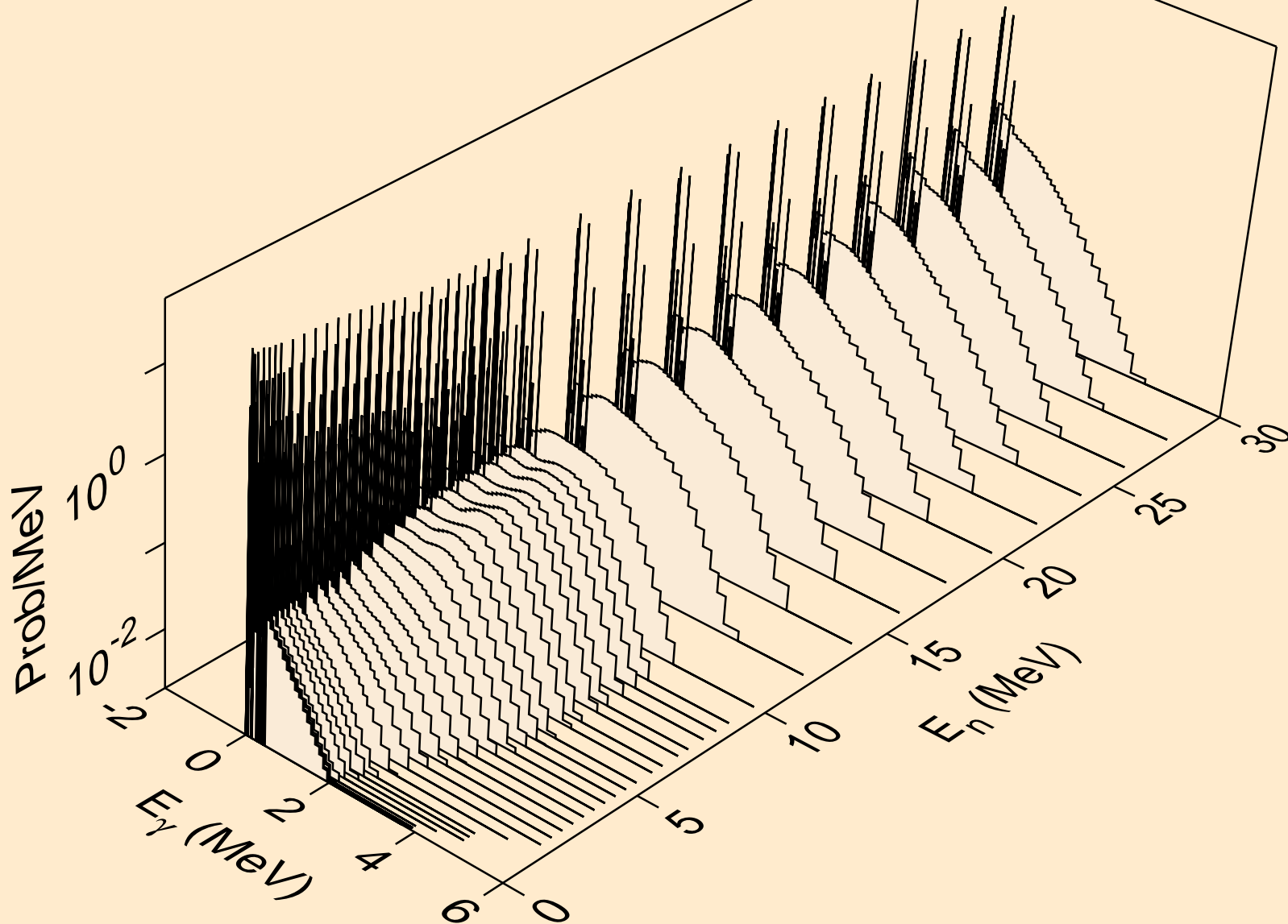
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



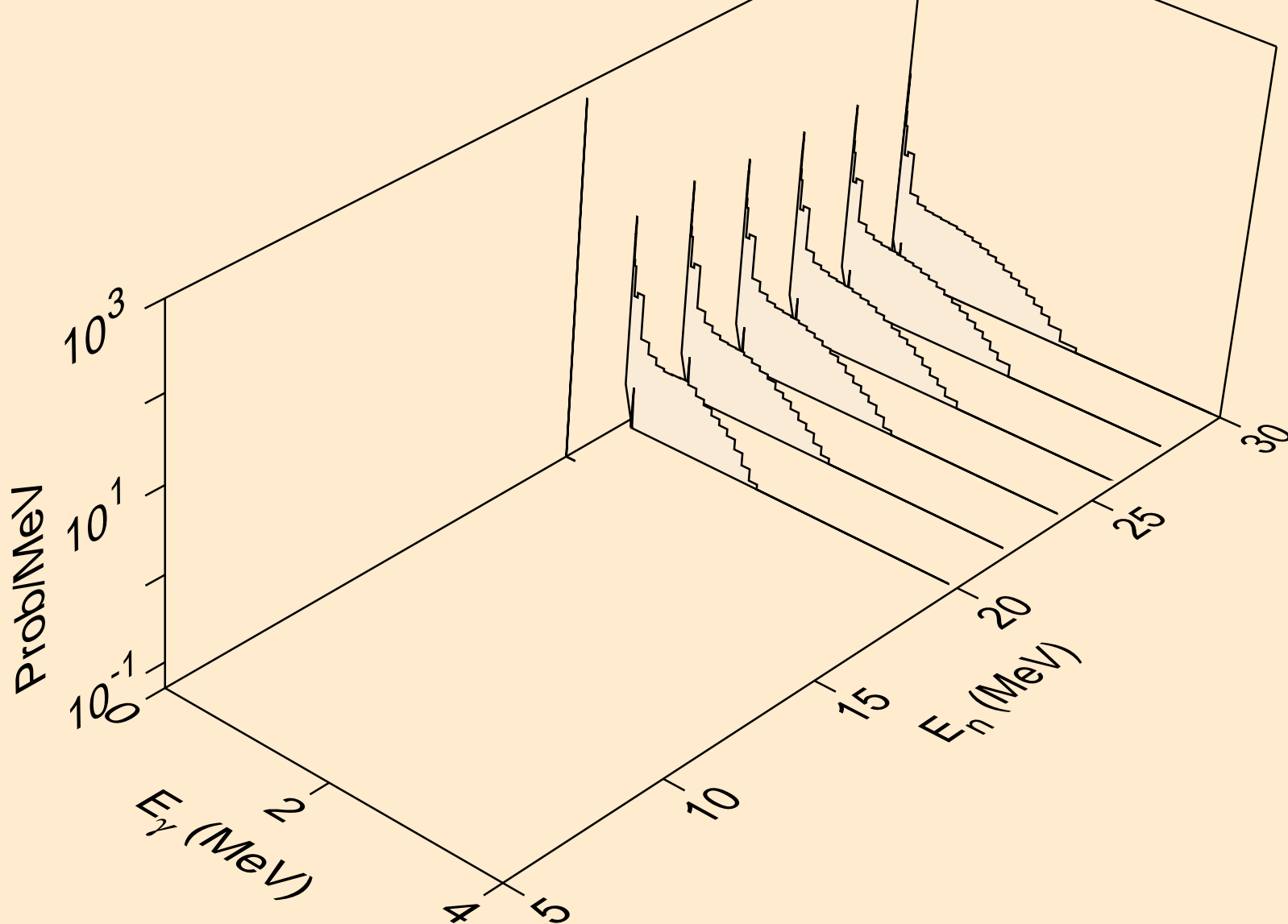
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



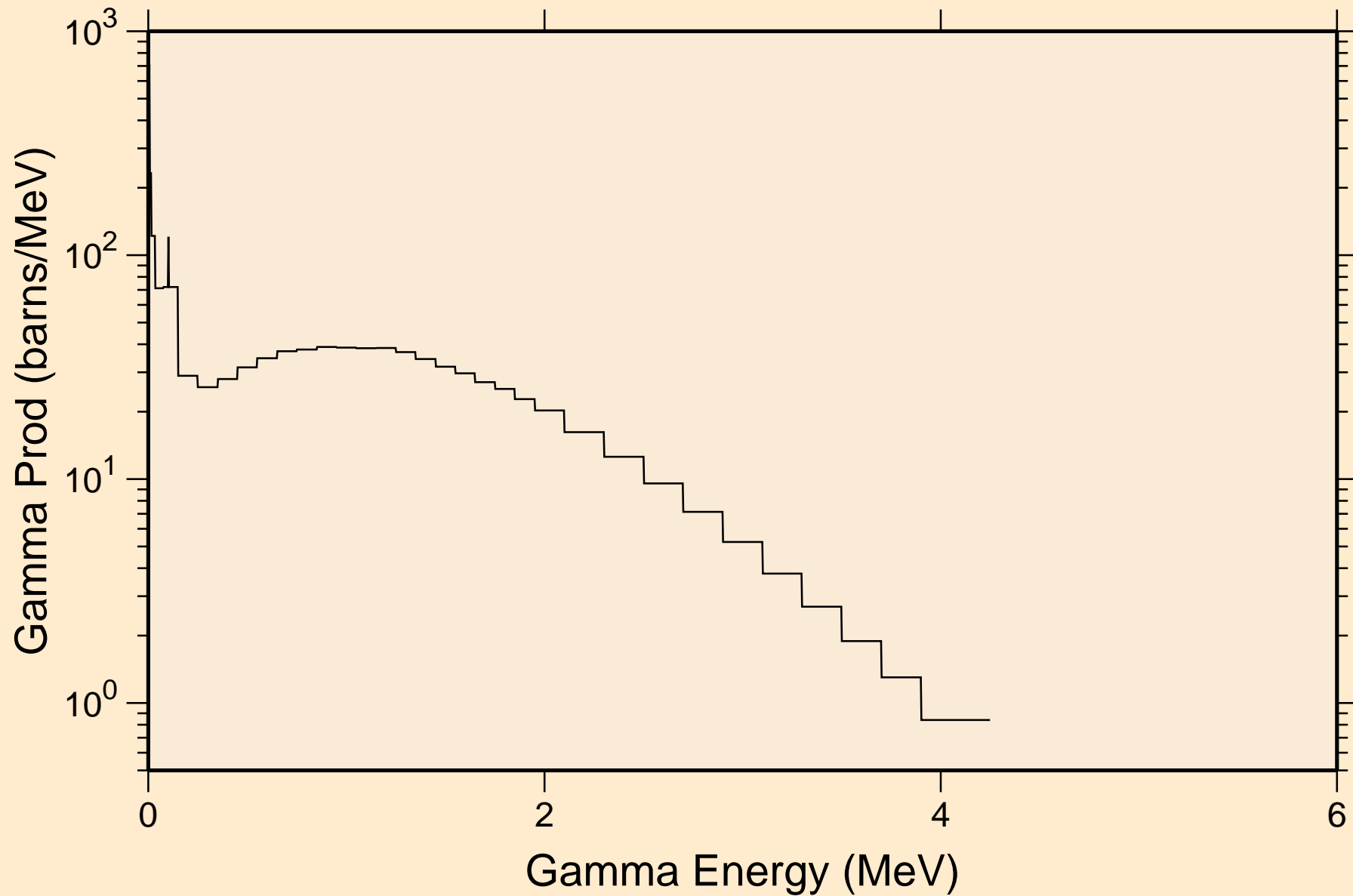
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



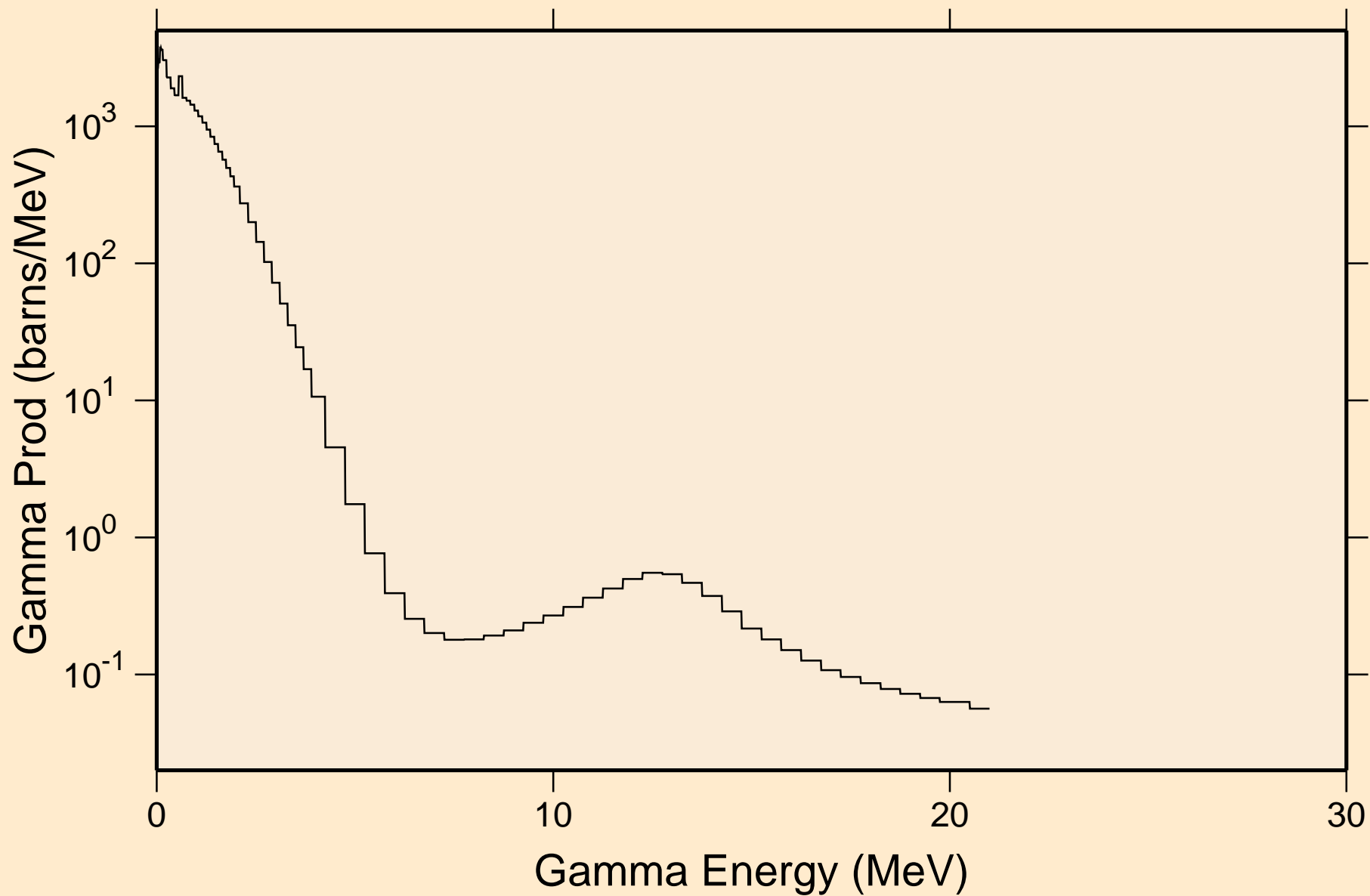
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

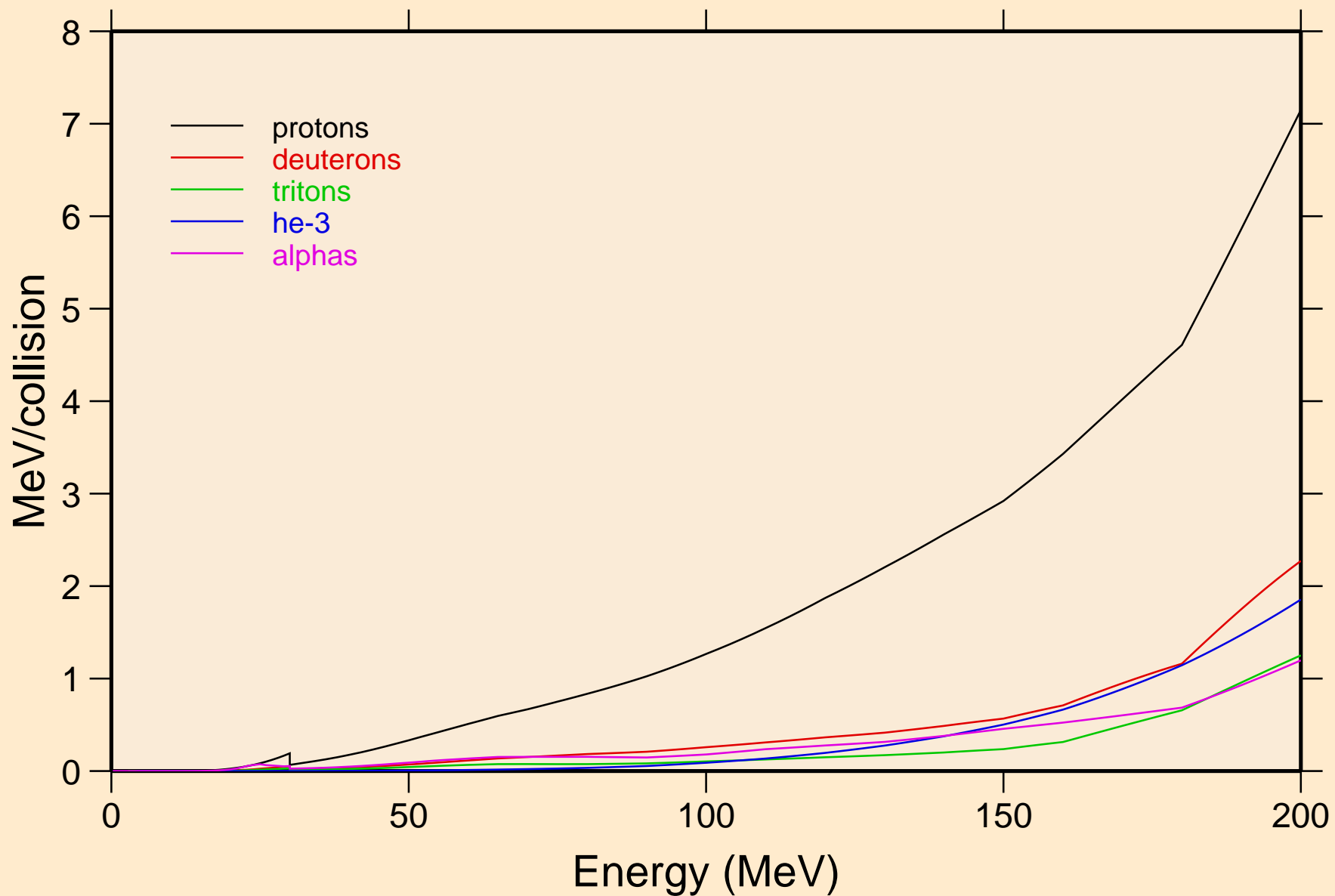


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

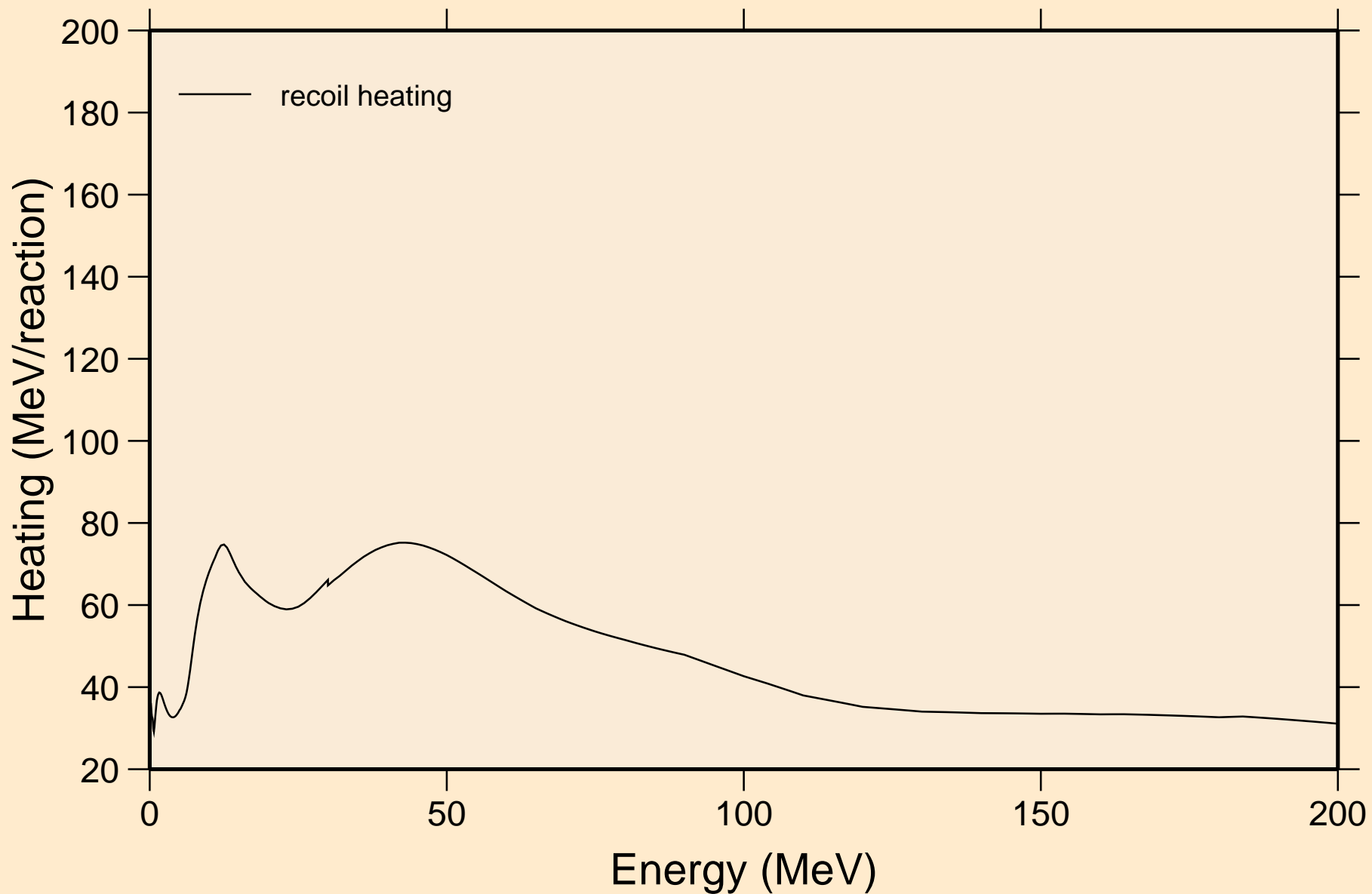


CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

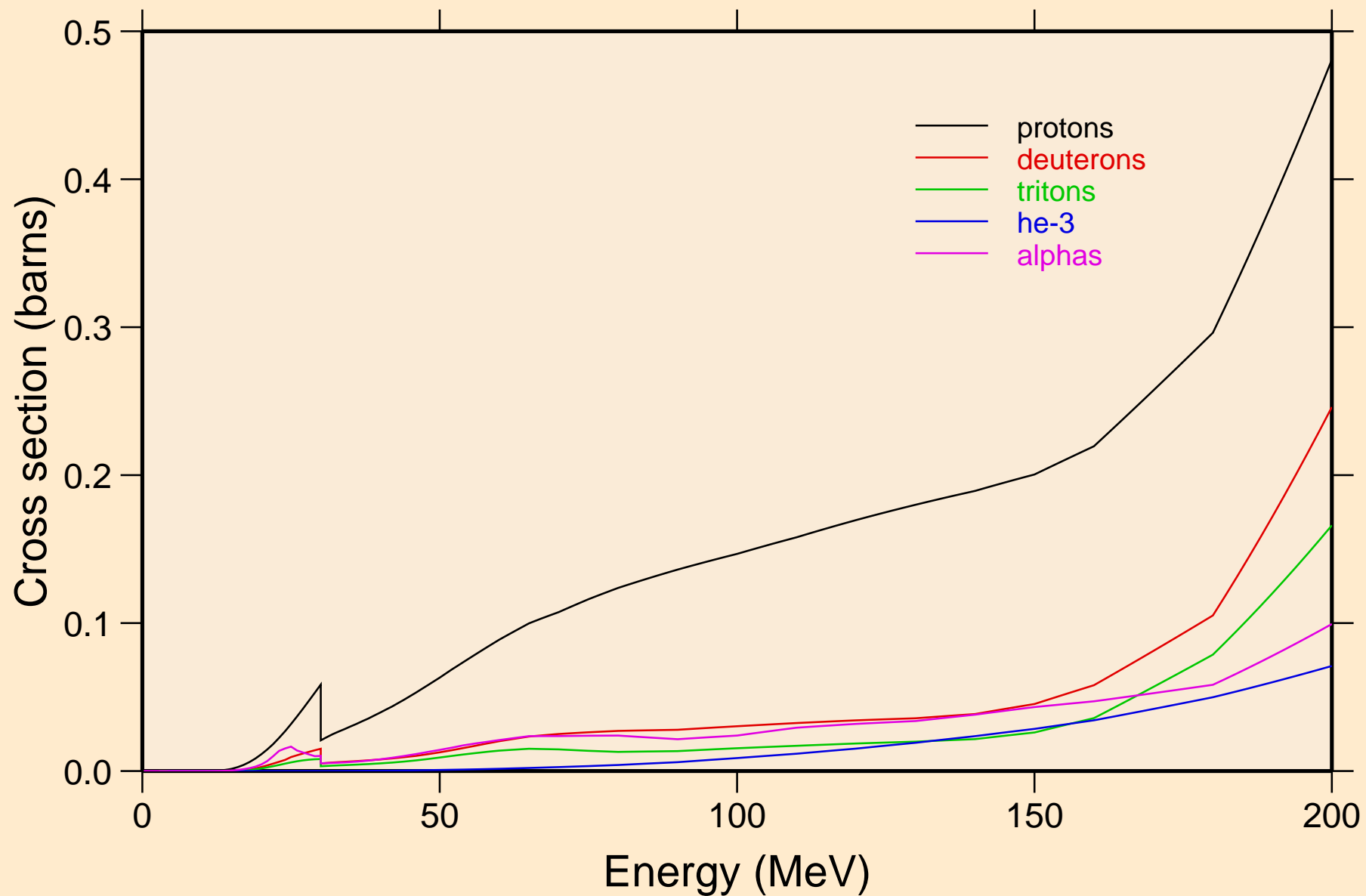
Particle heating contributions



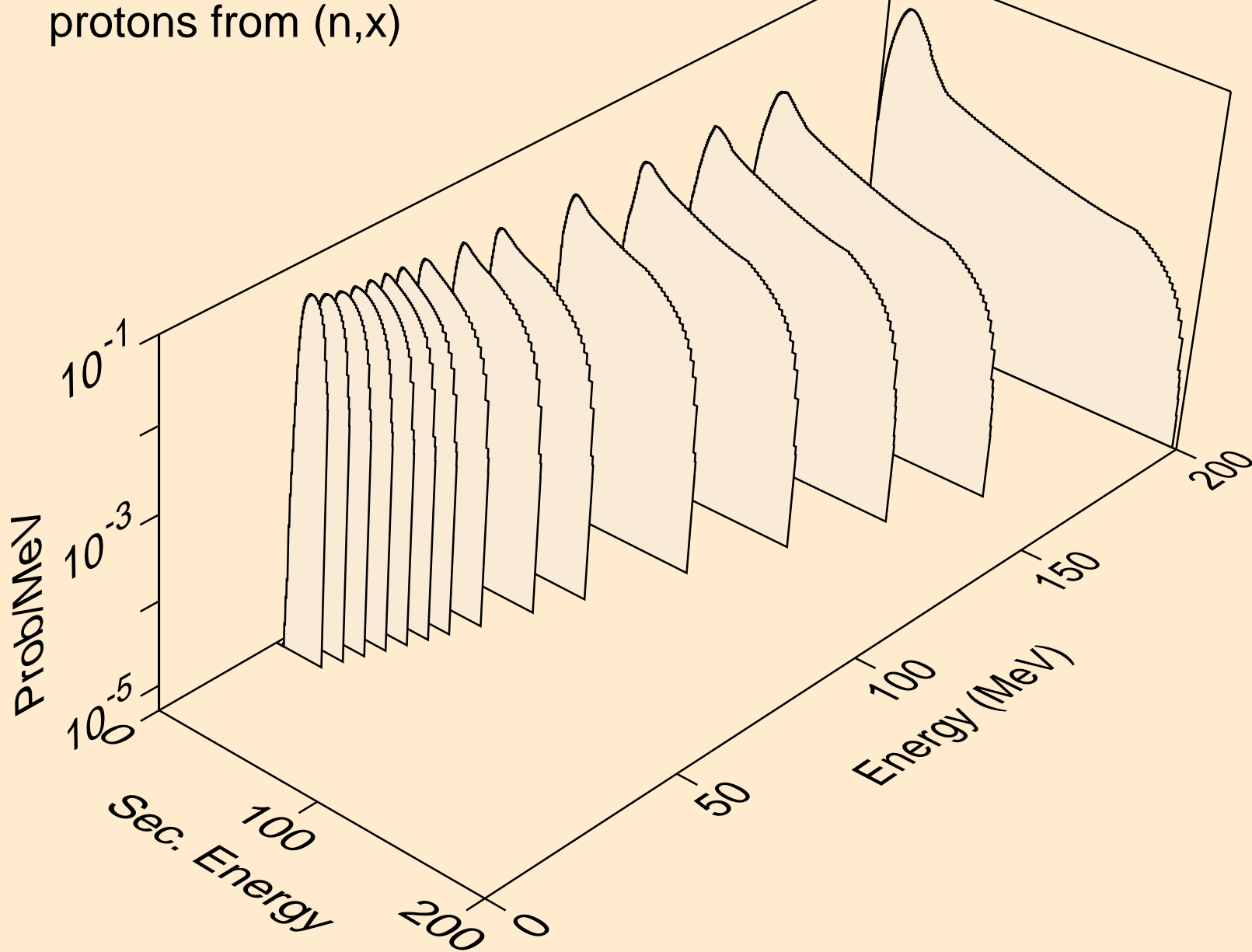
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



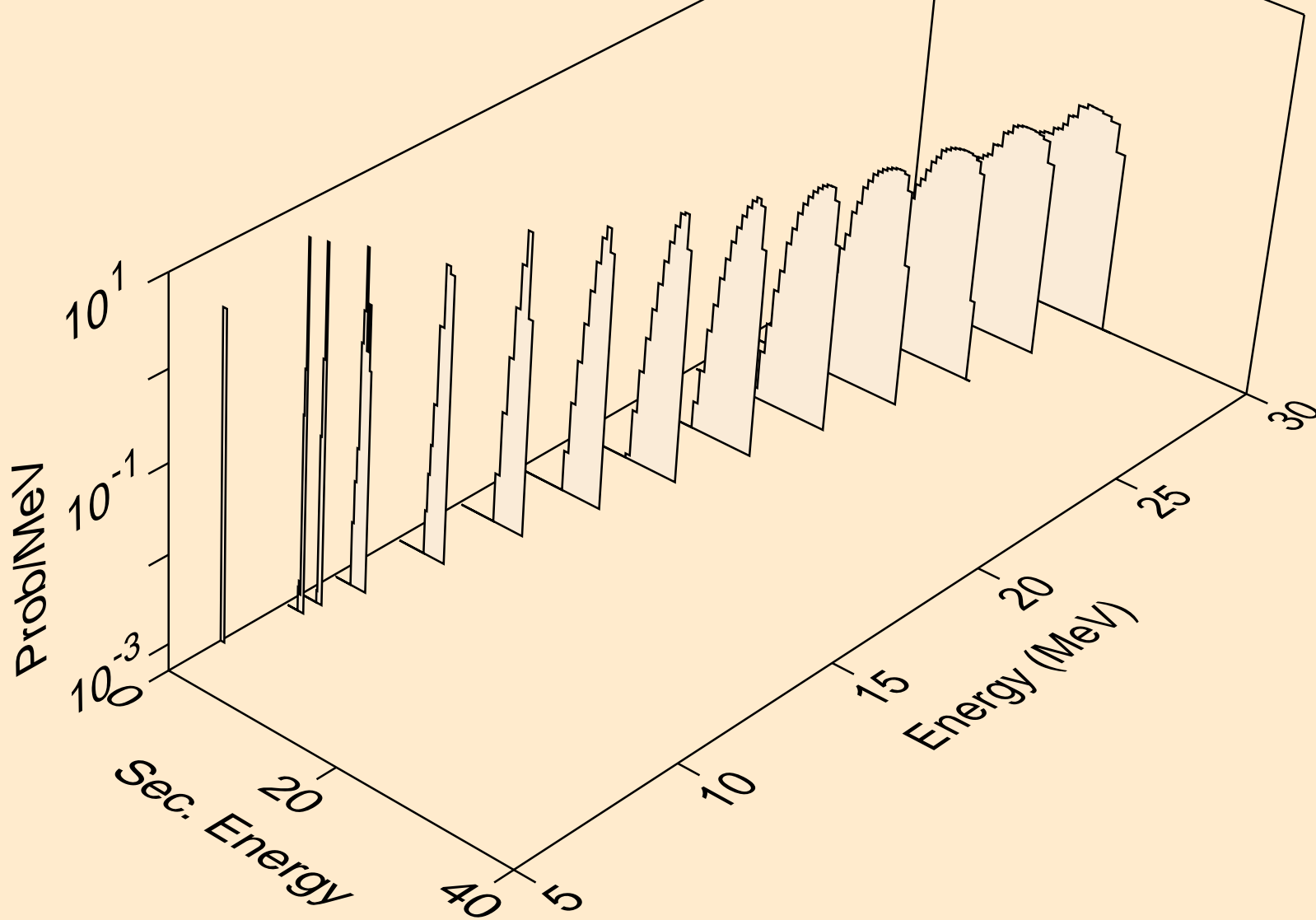
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



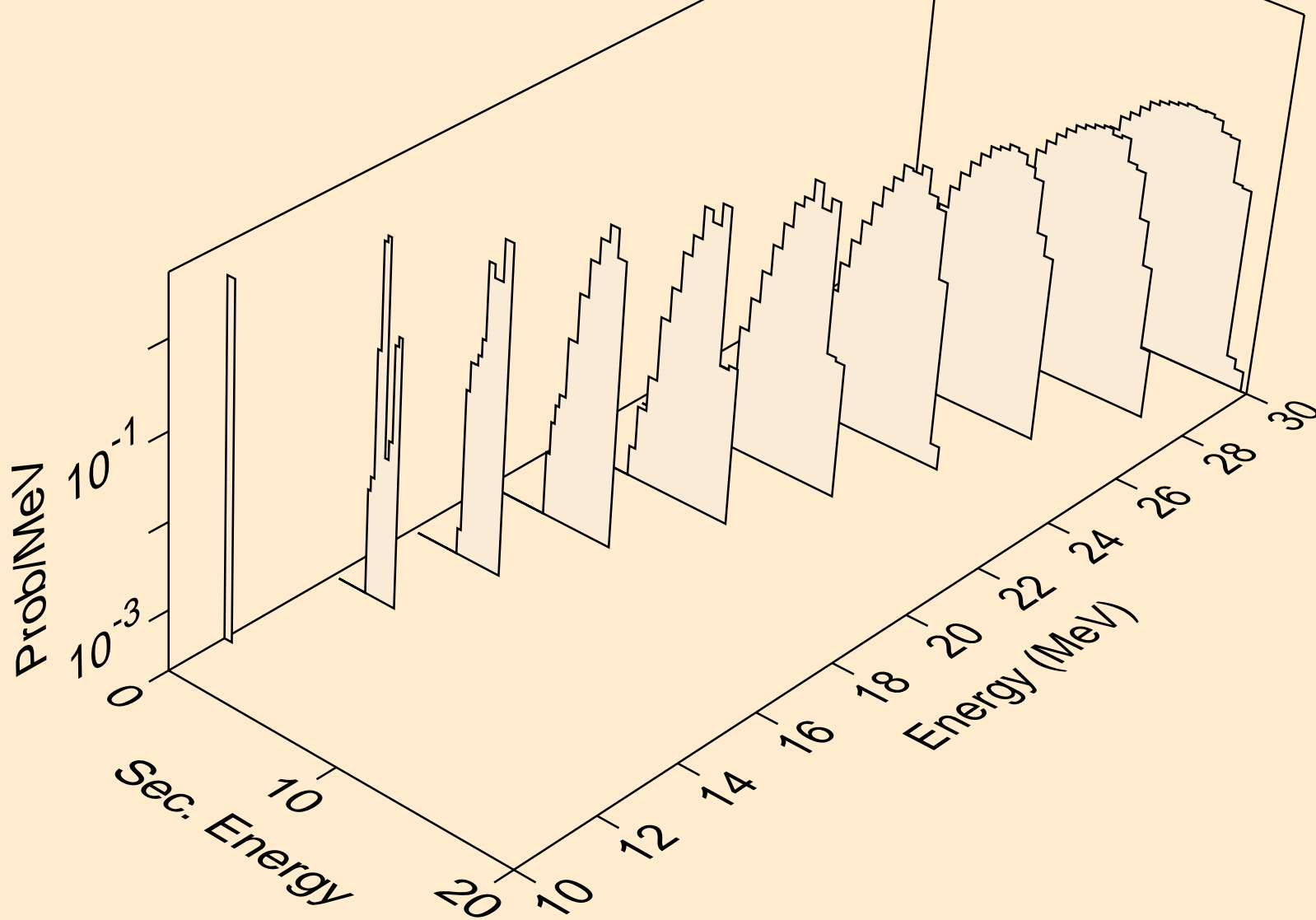
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



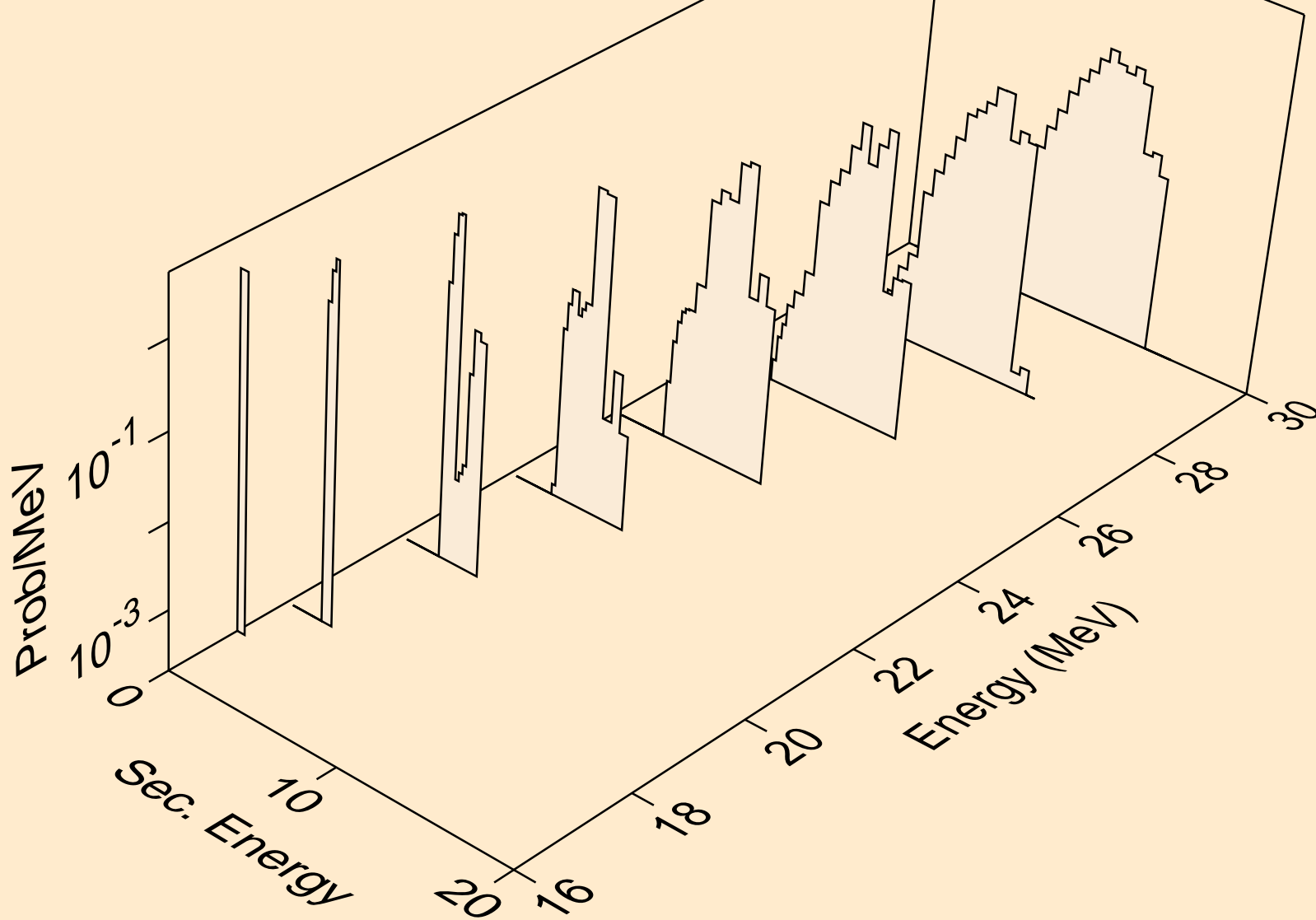
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



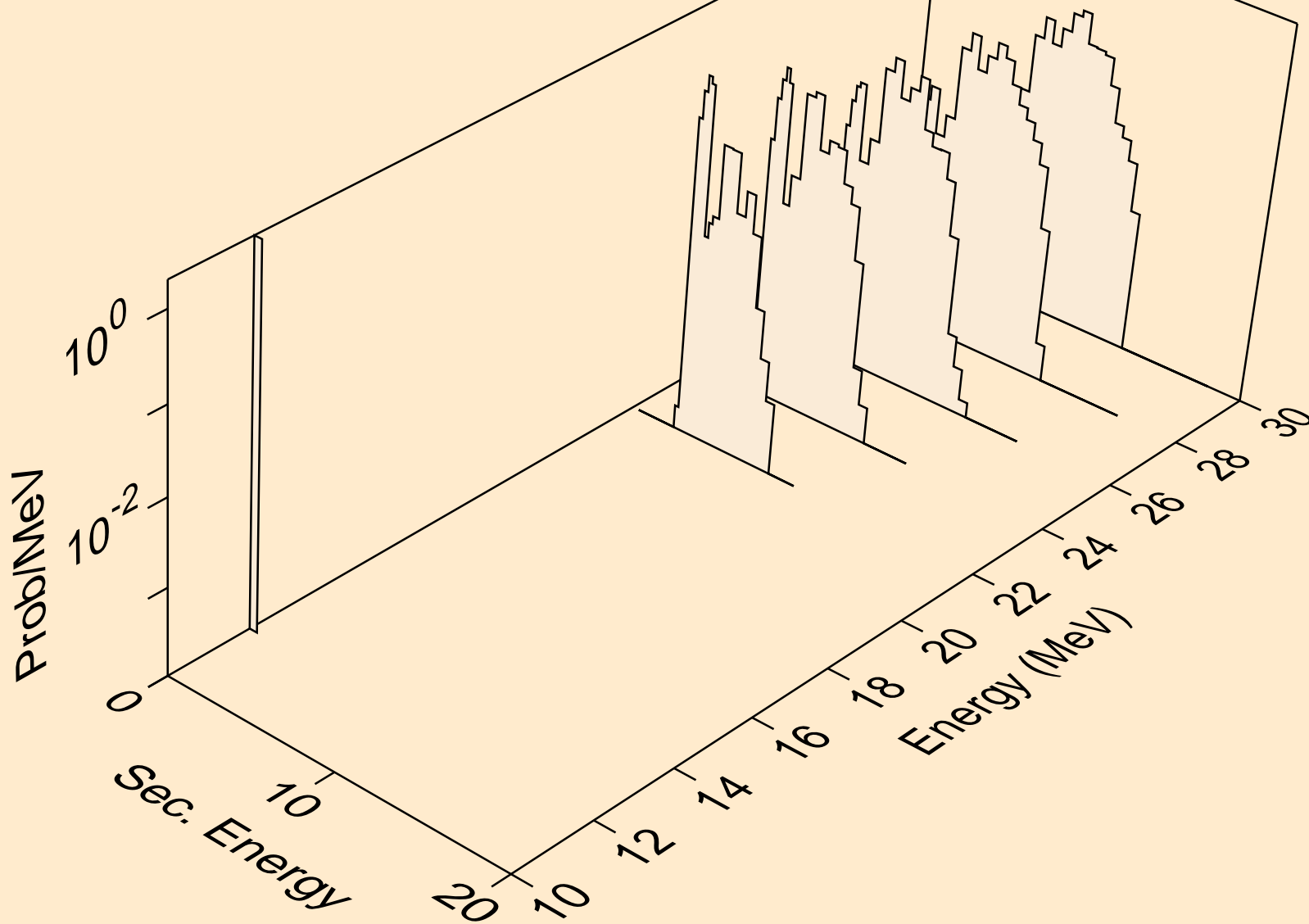
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



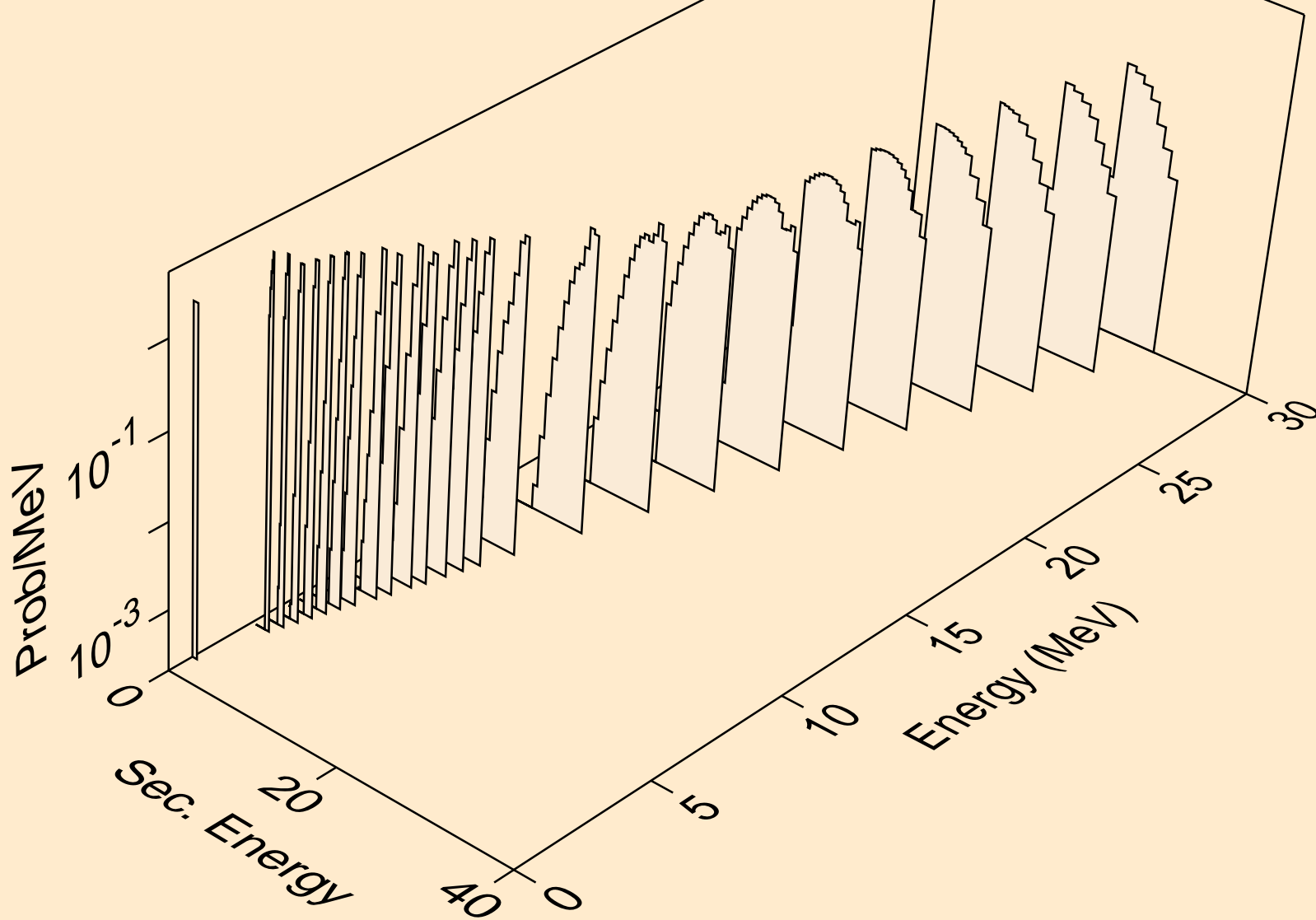
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



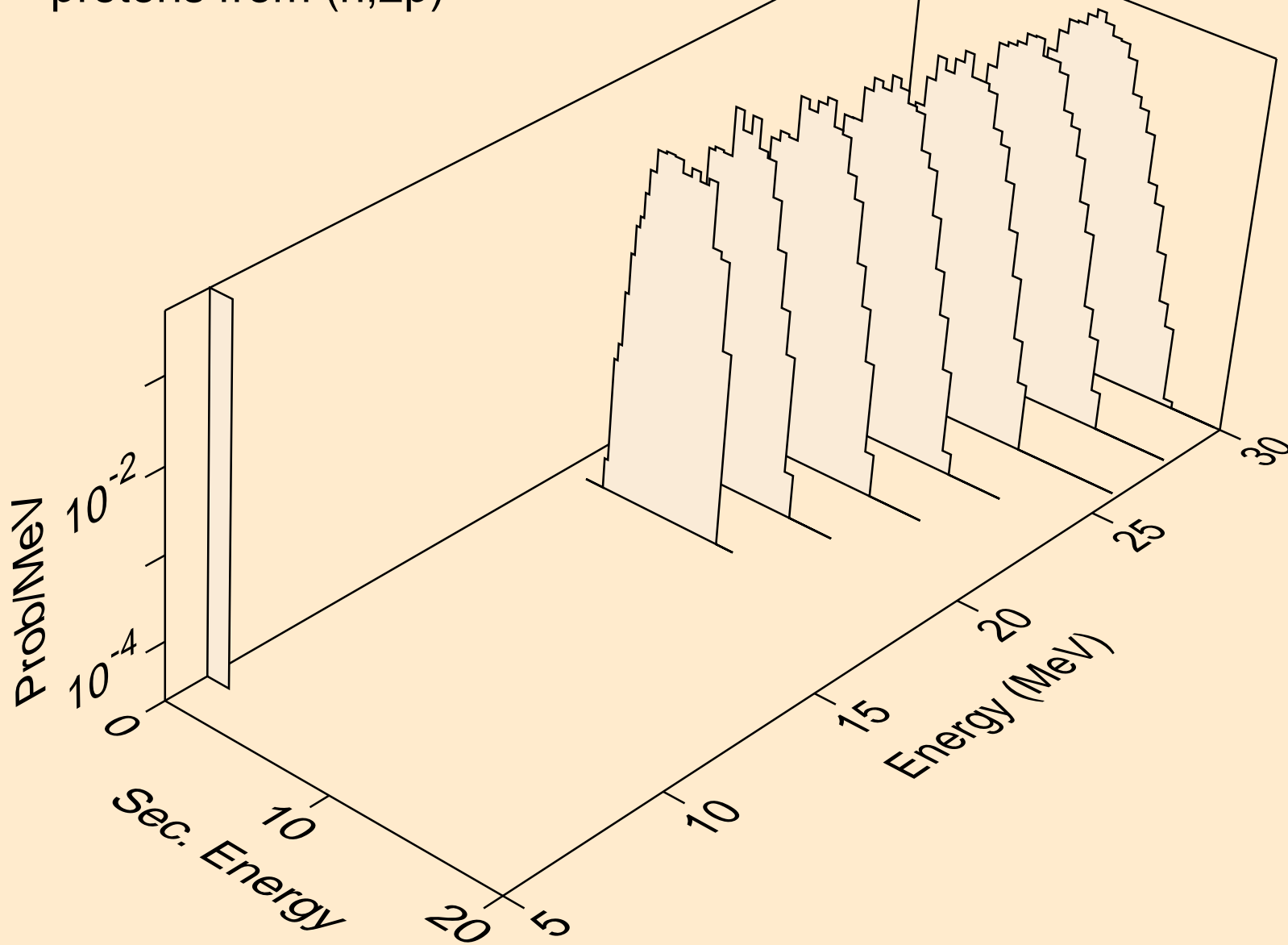
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



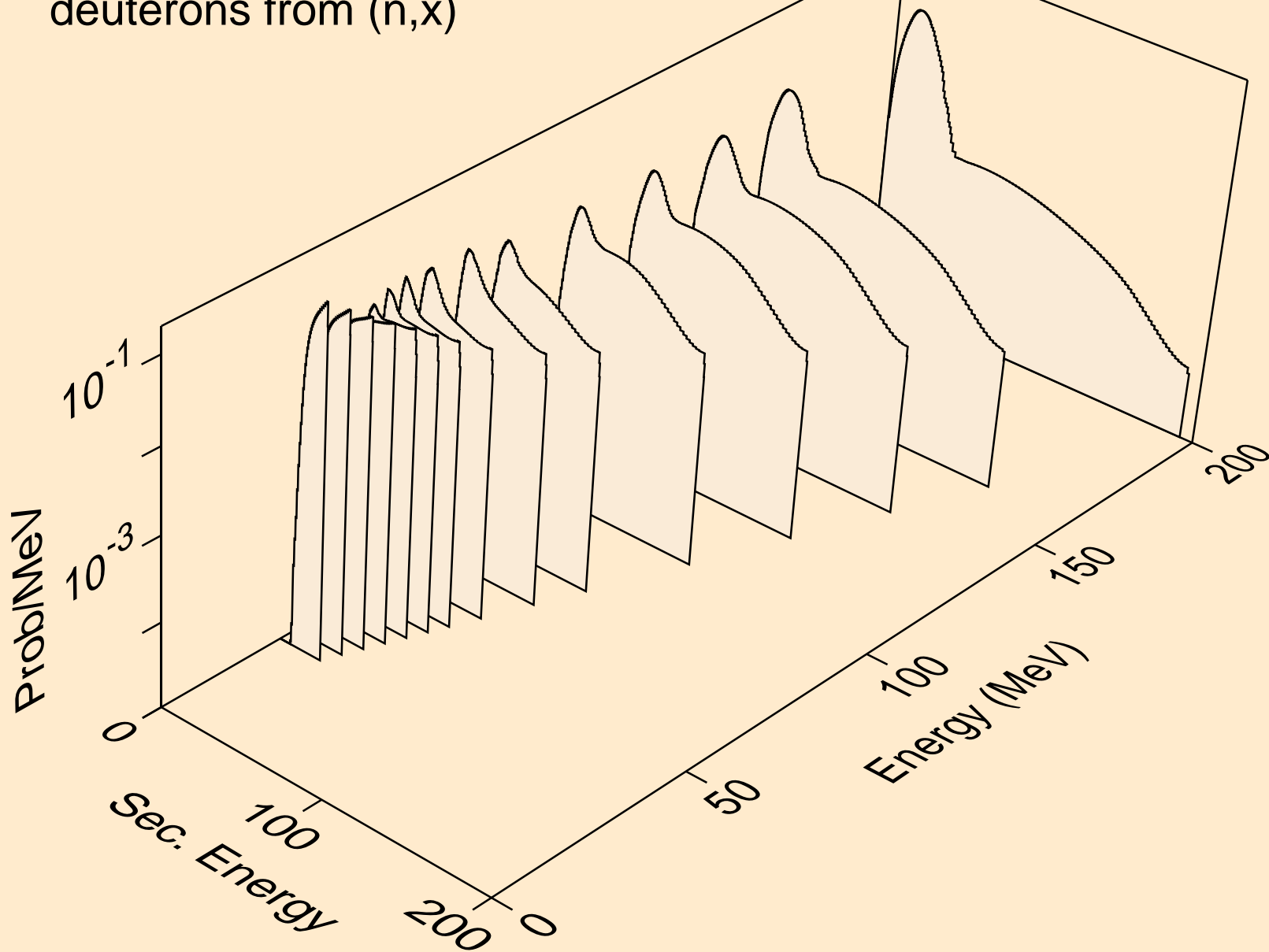
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



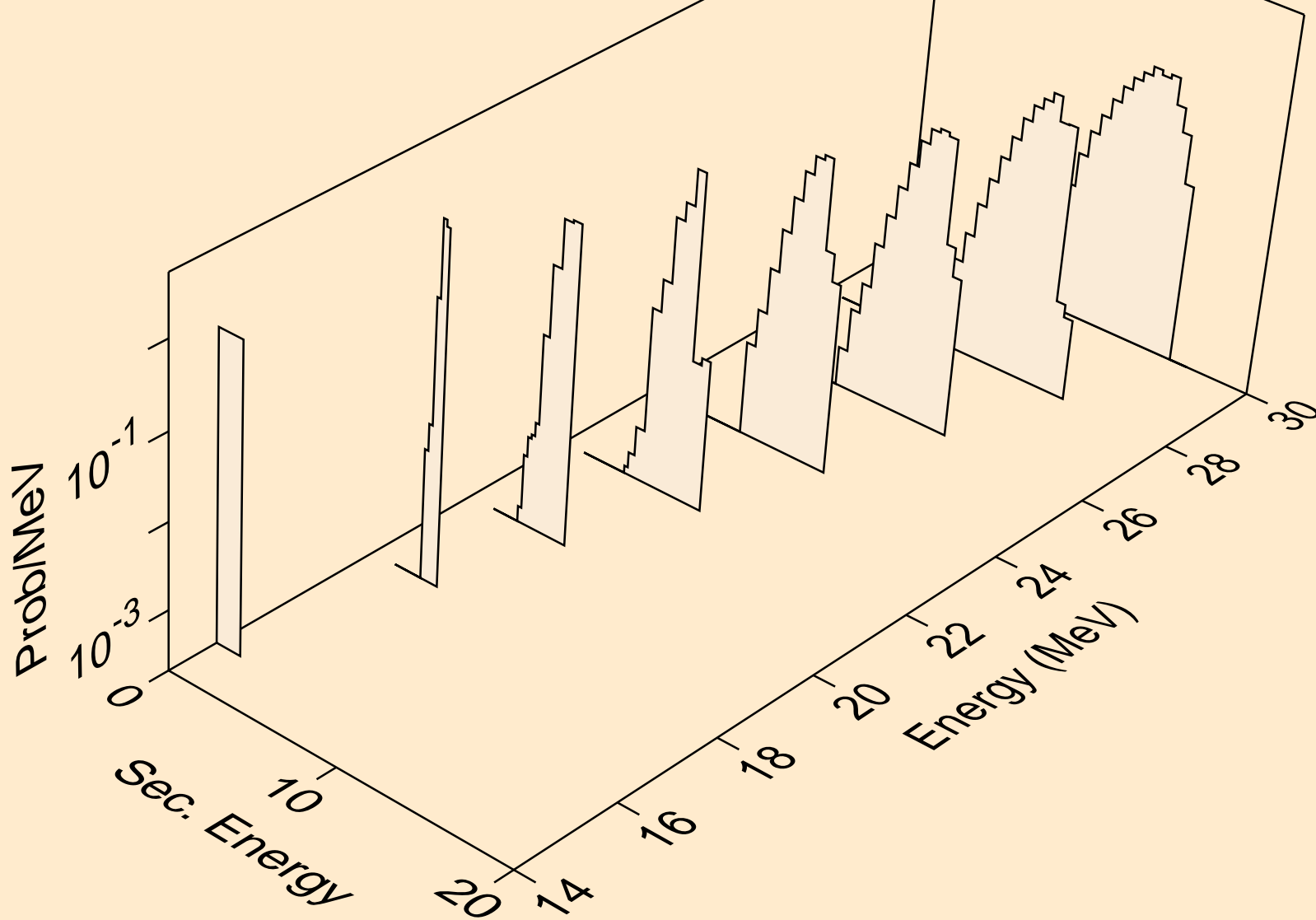
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



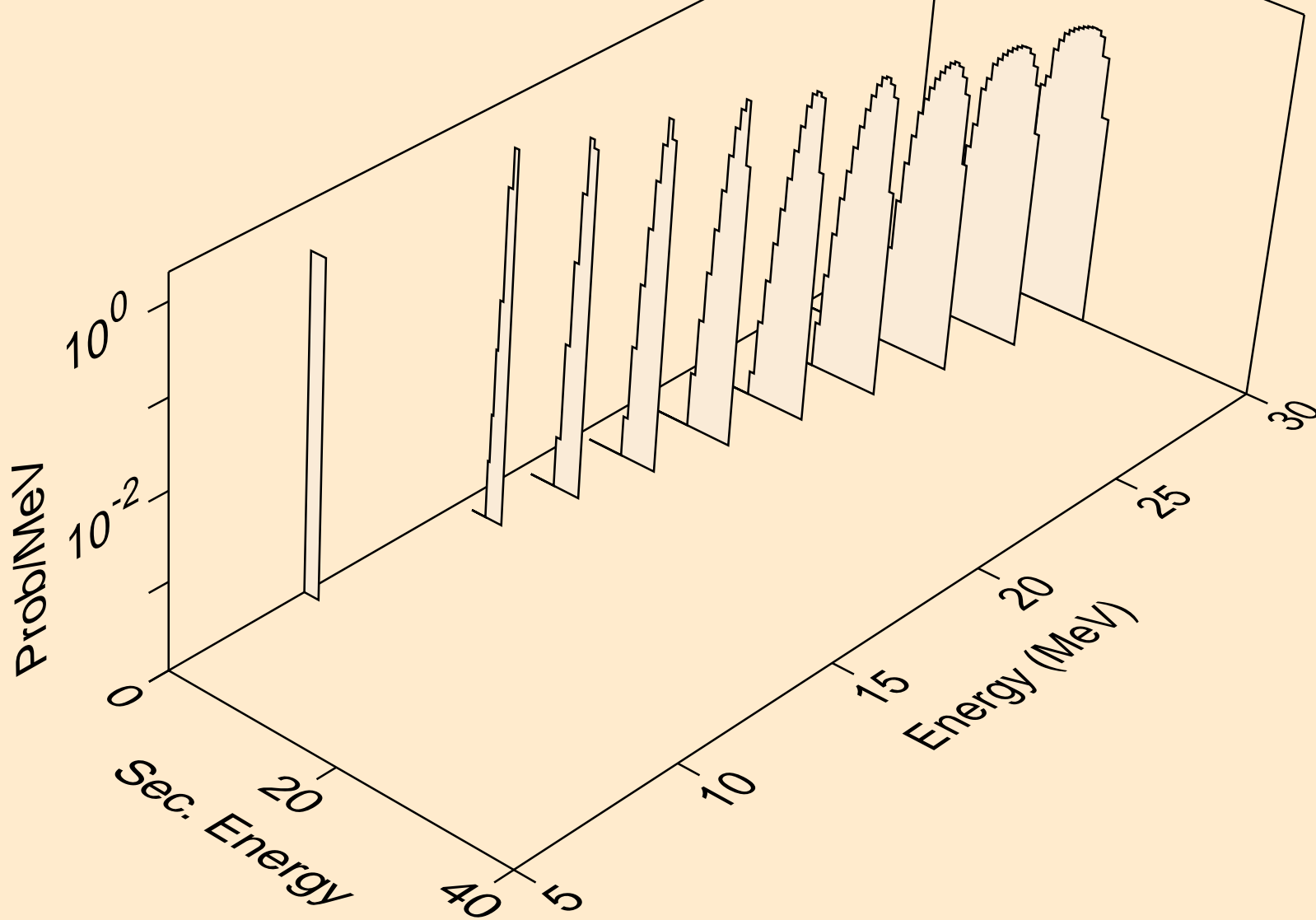
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



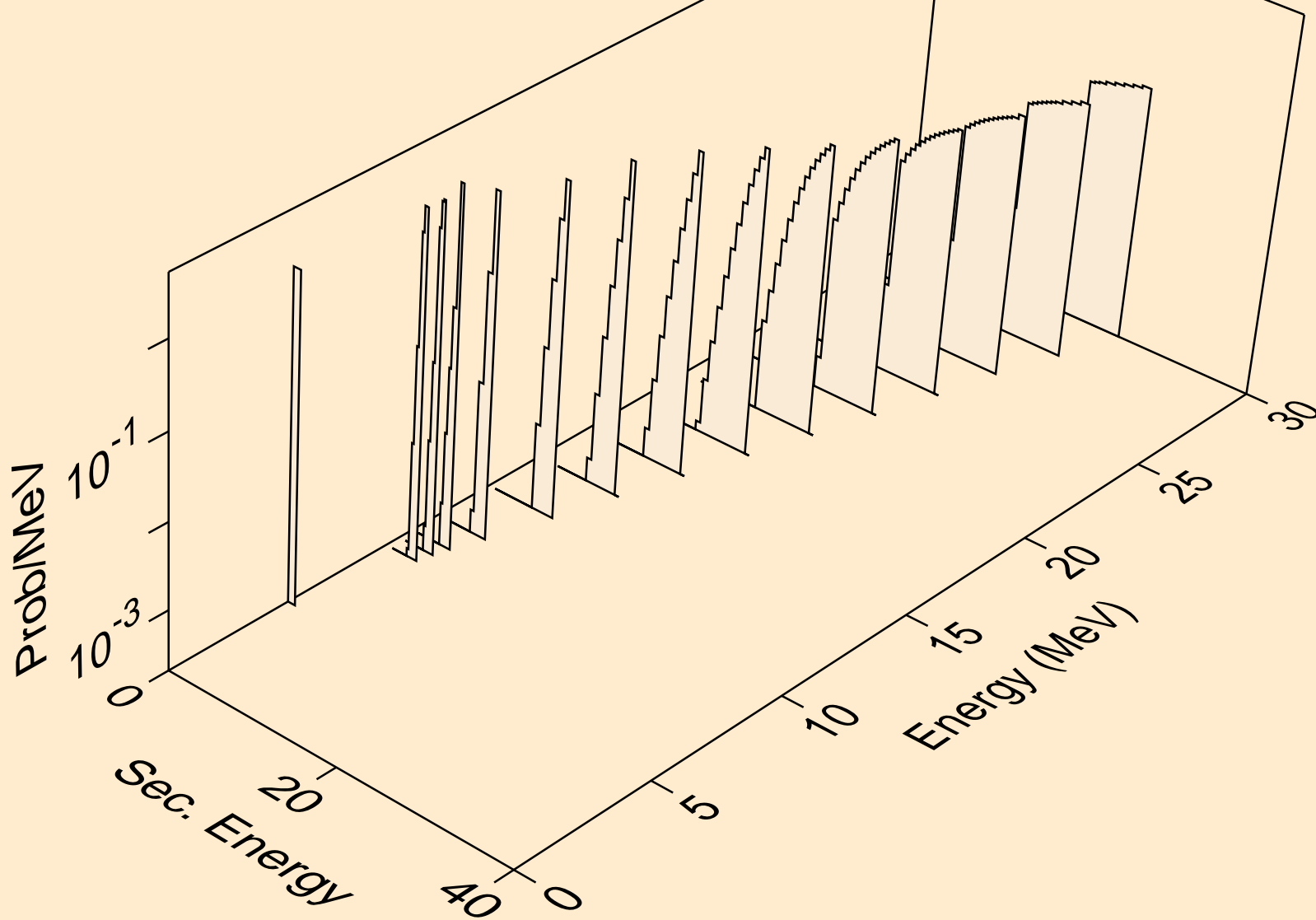
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



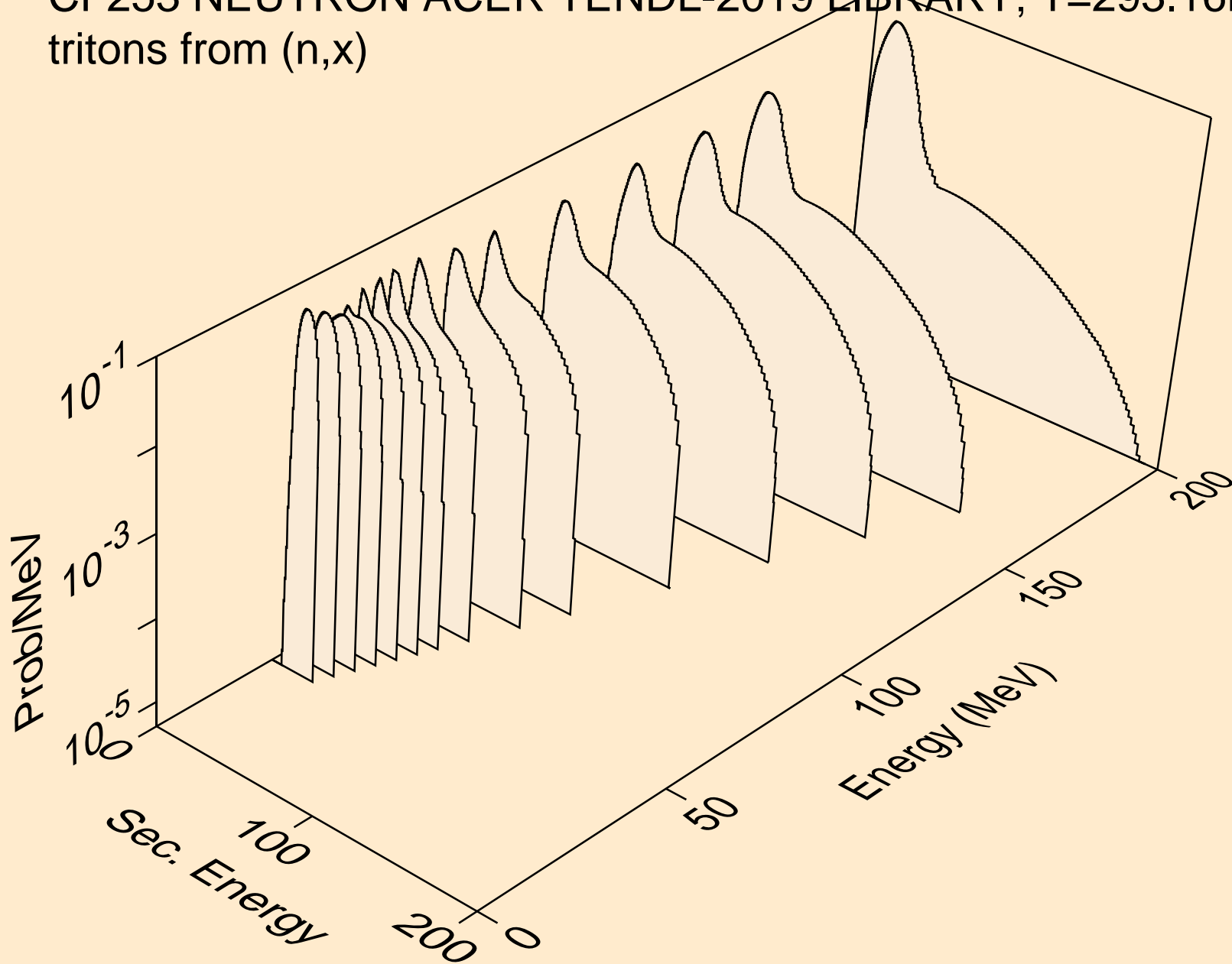
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



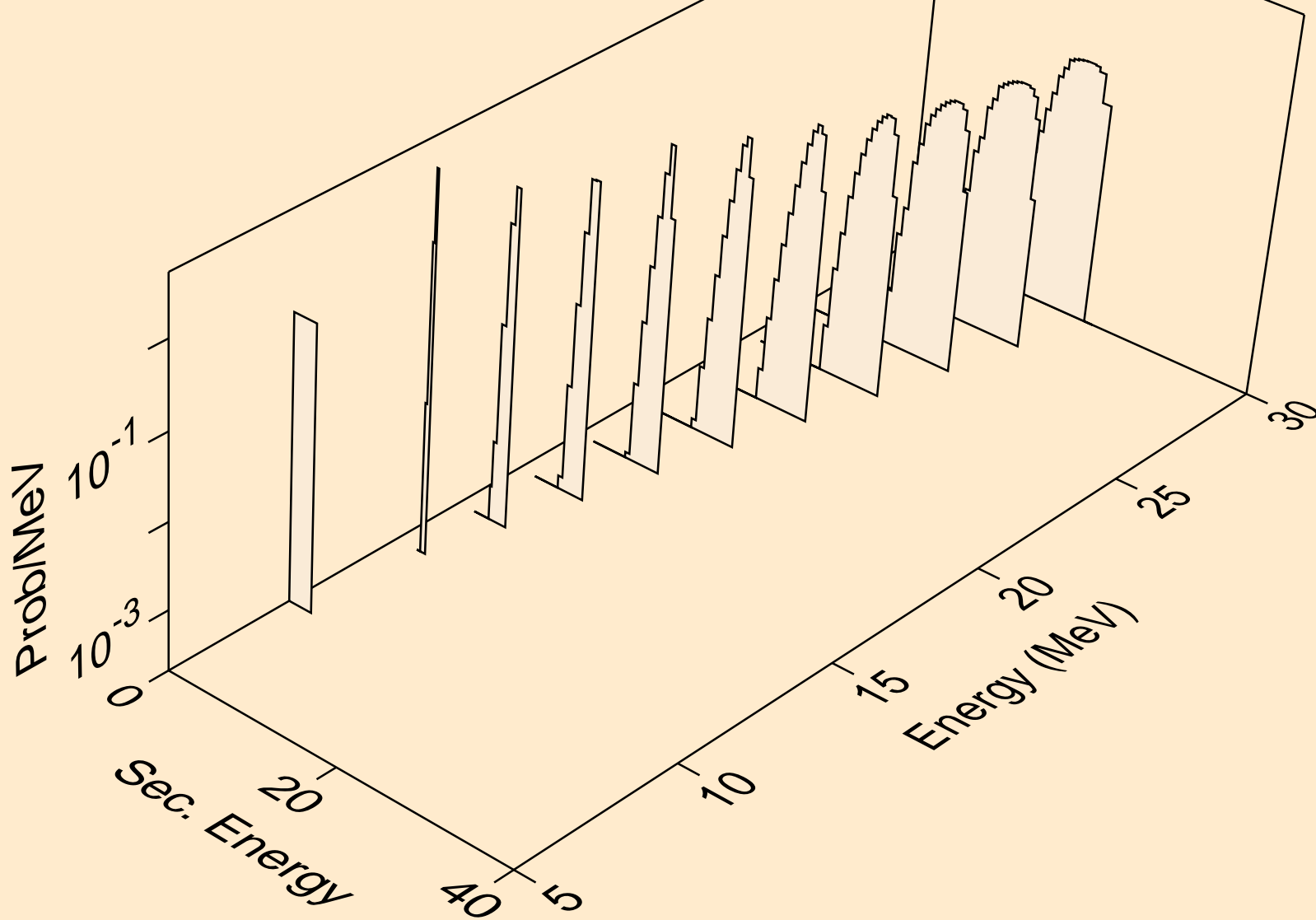
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



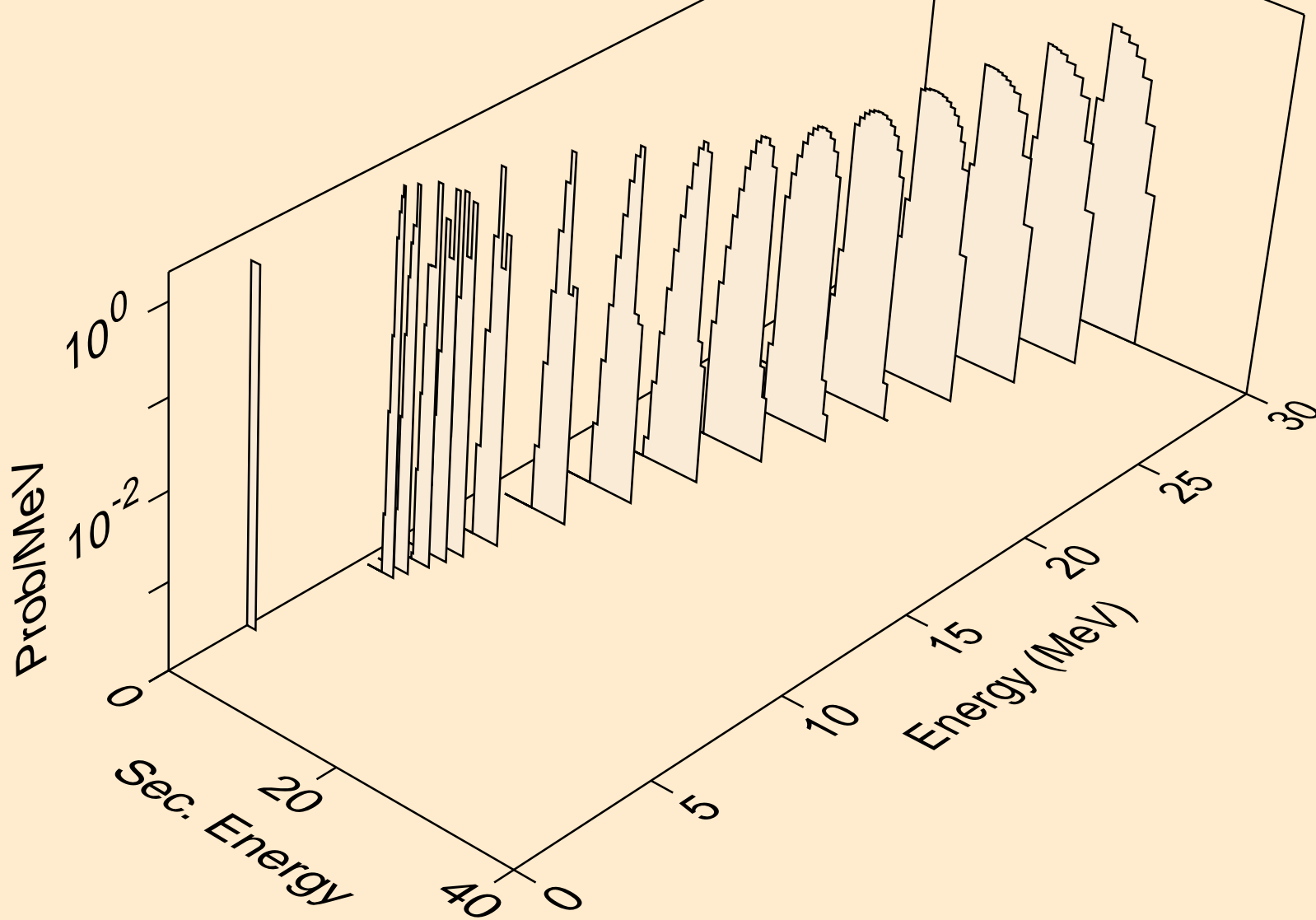
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



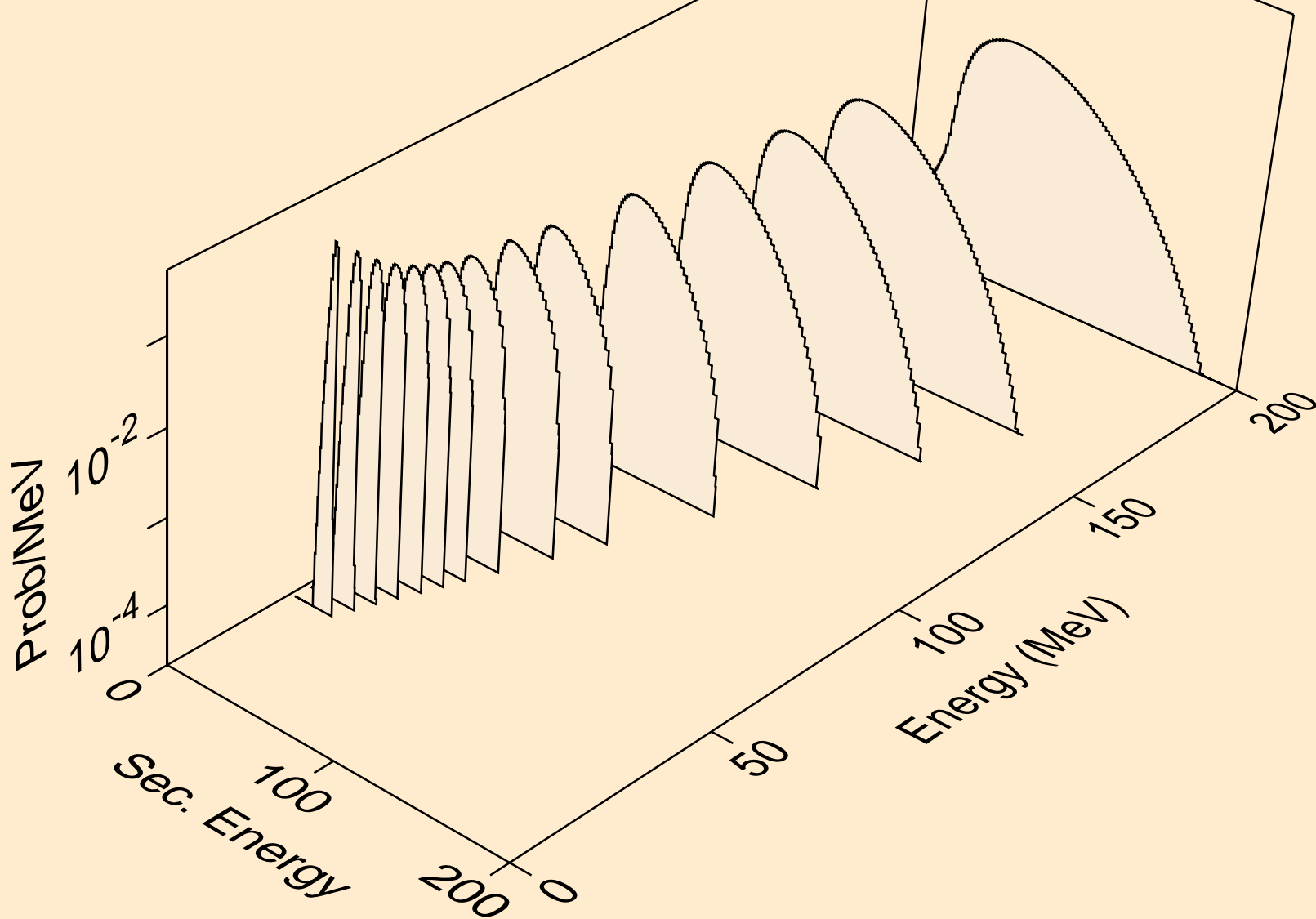
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



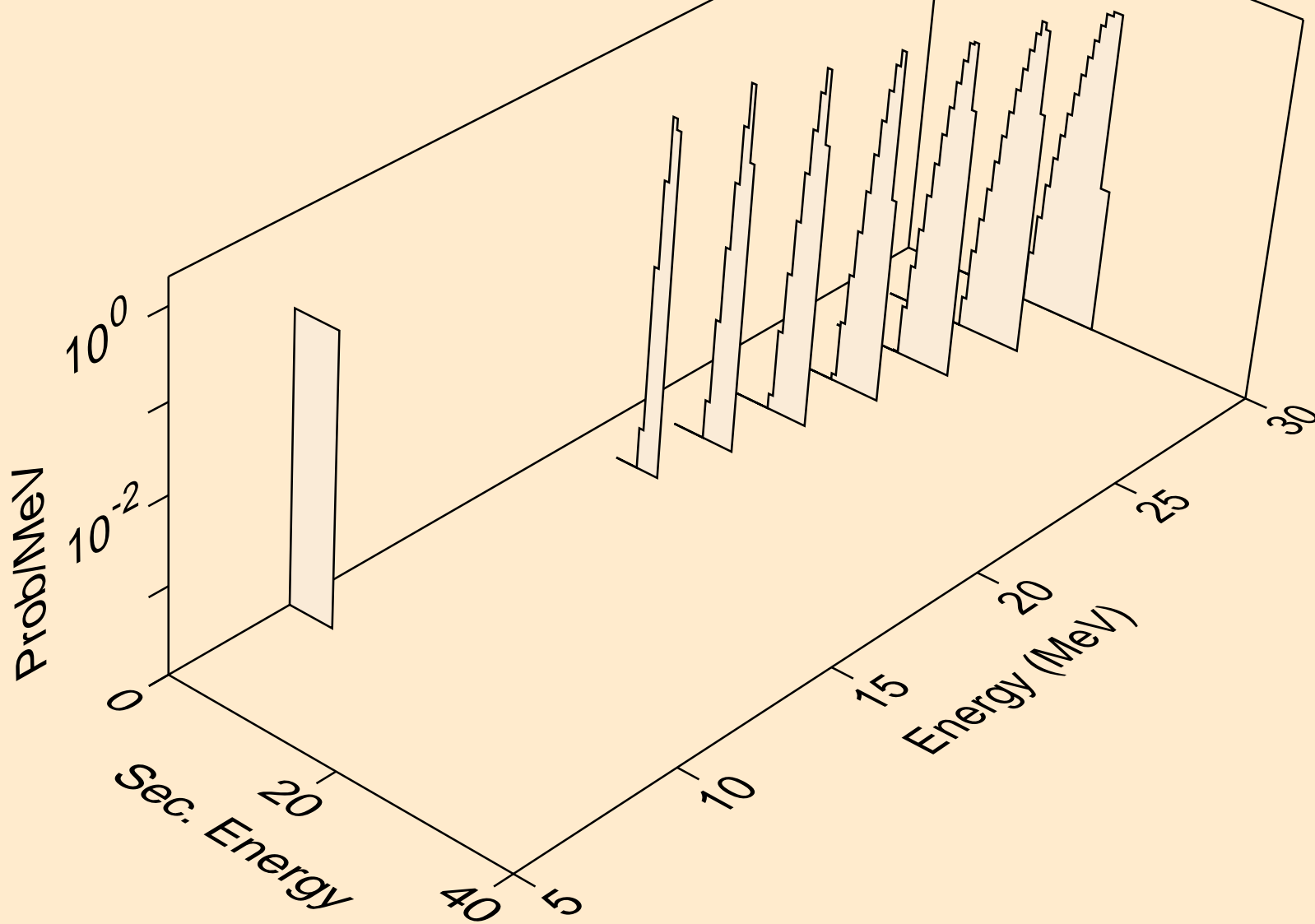
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



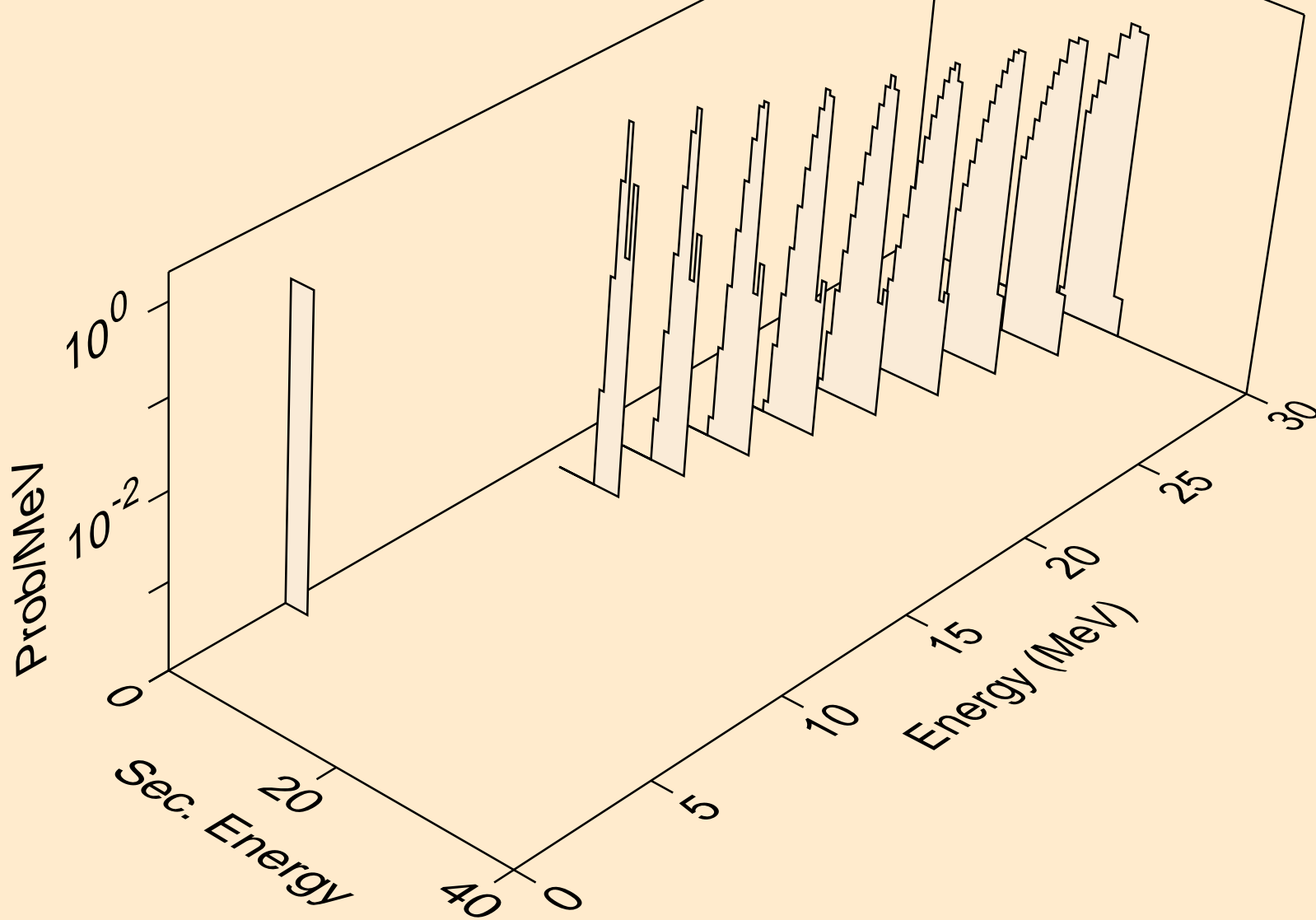
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



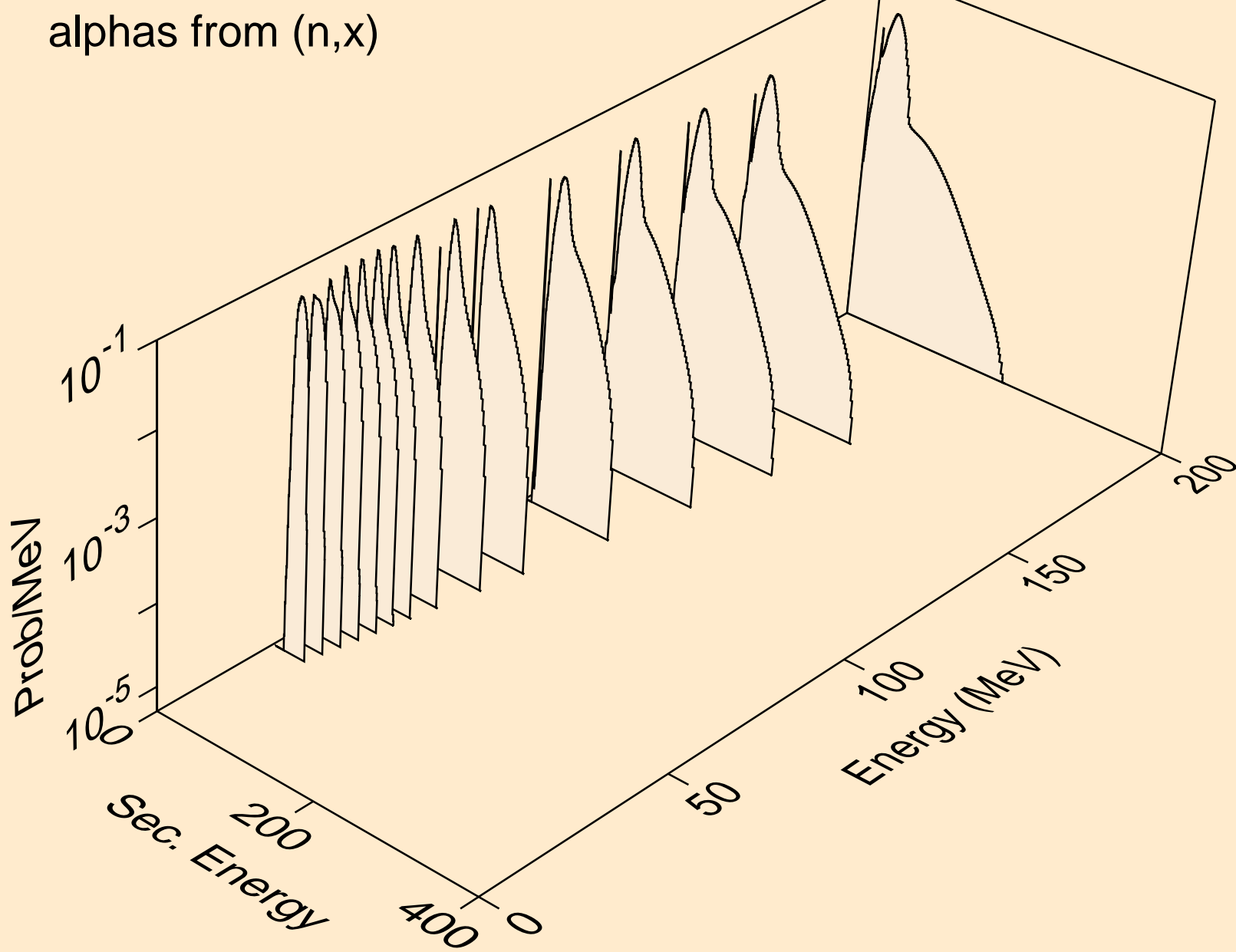
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



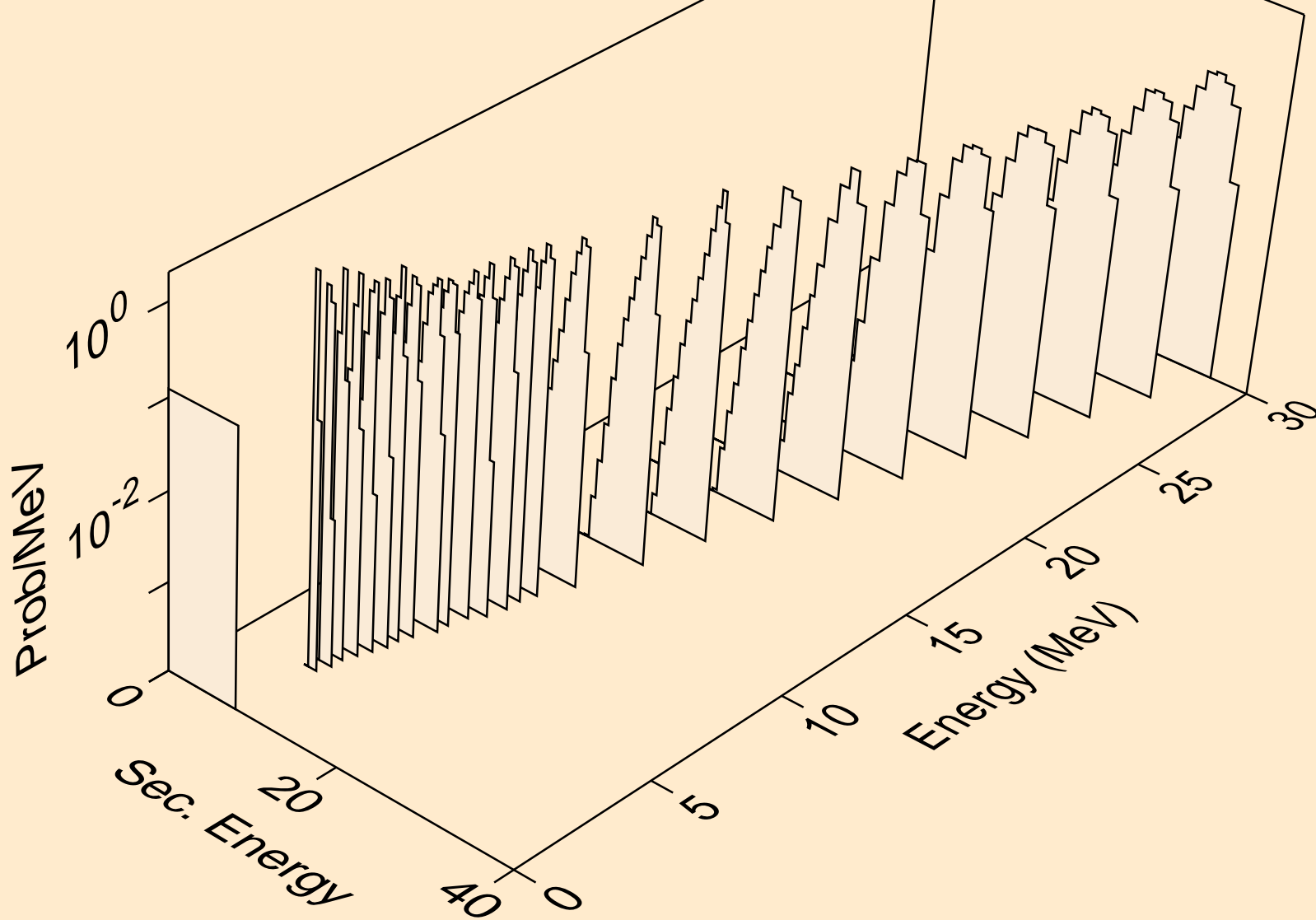
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



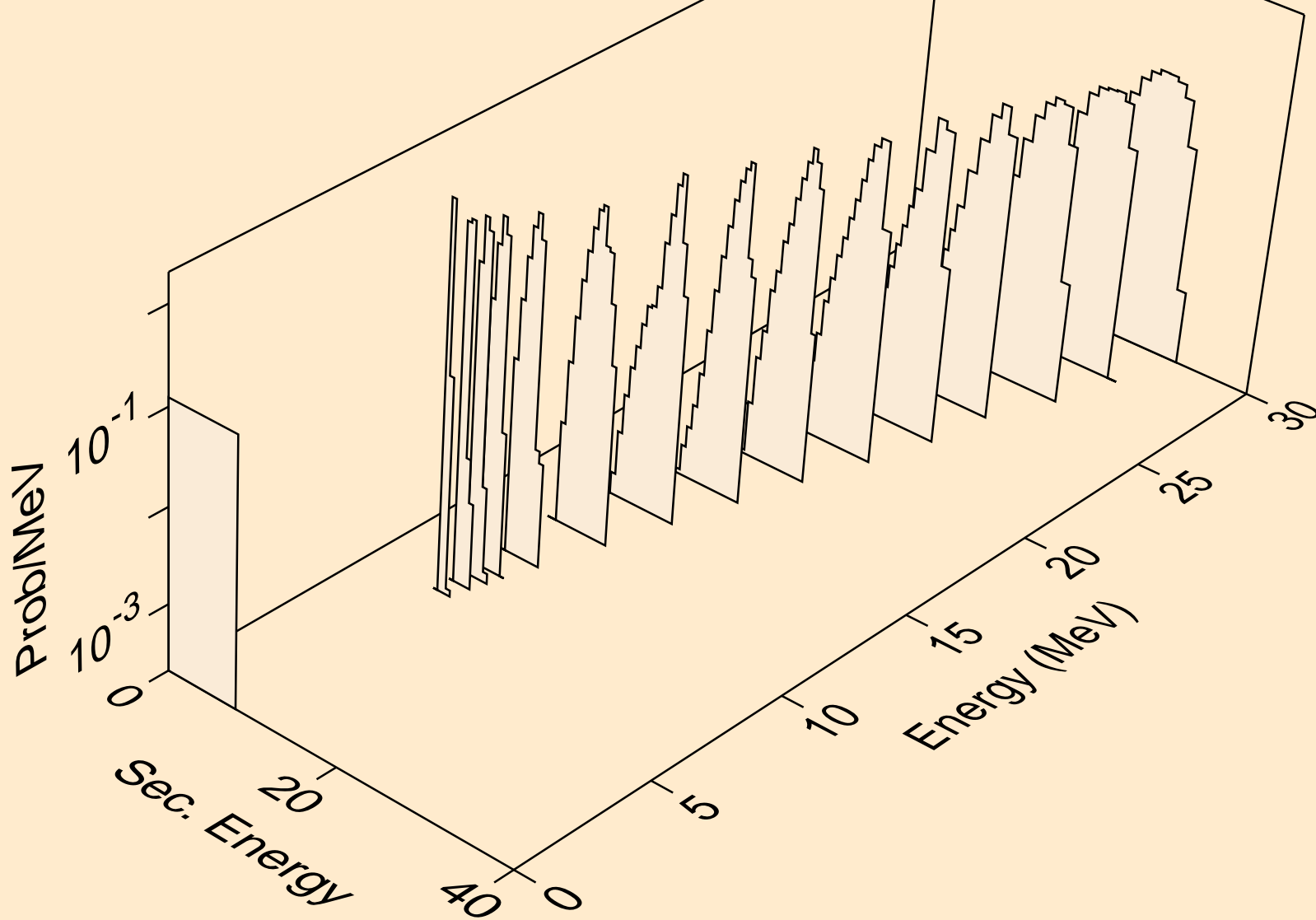
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



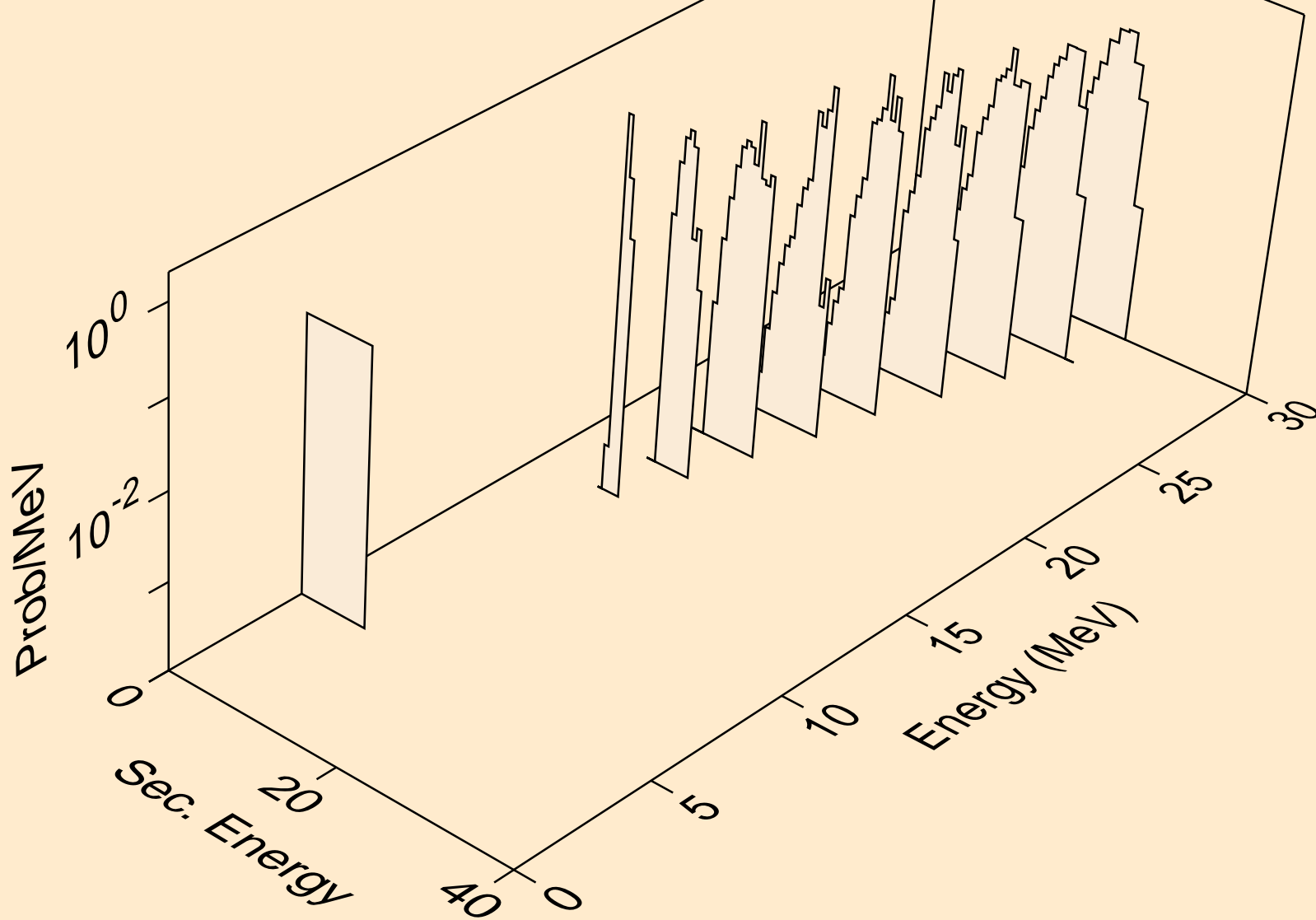
CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



CF253 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)

