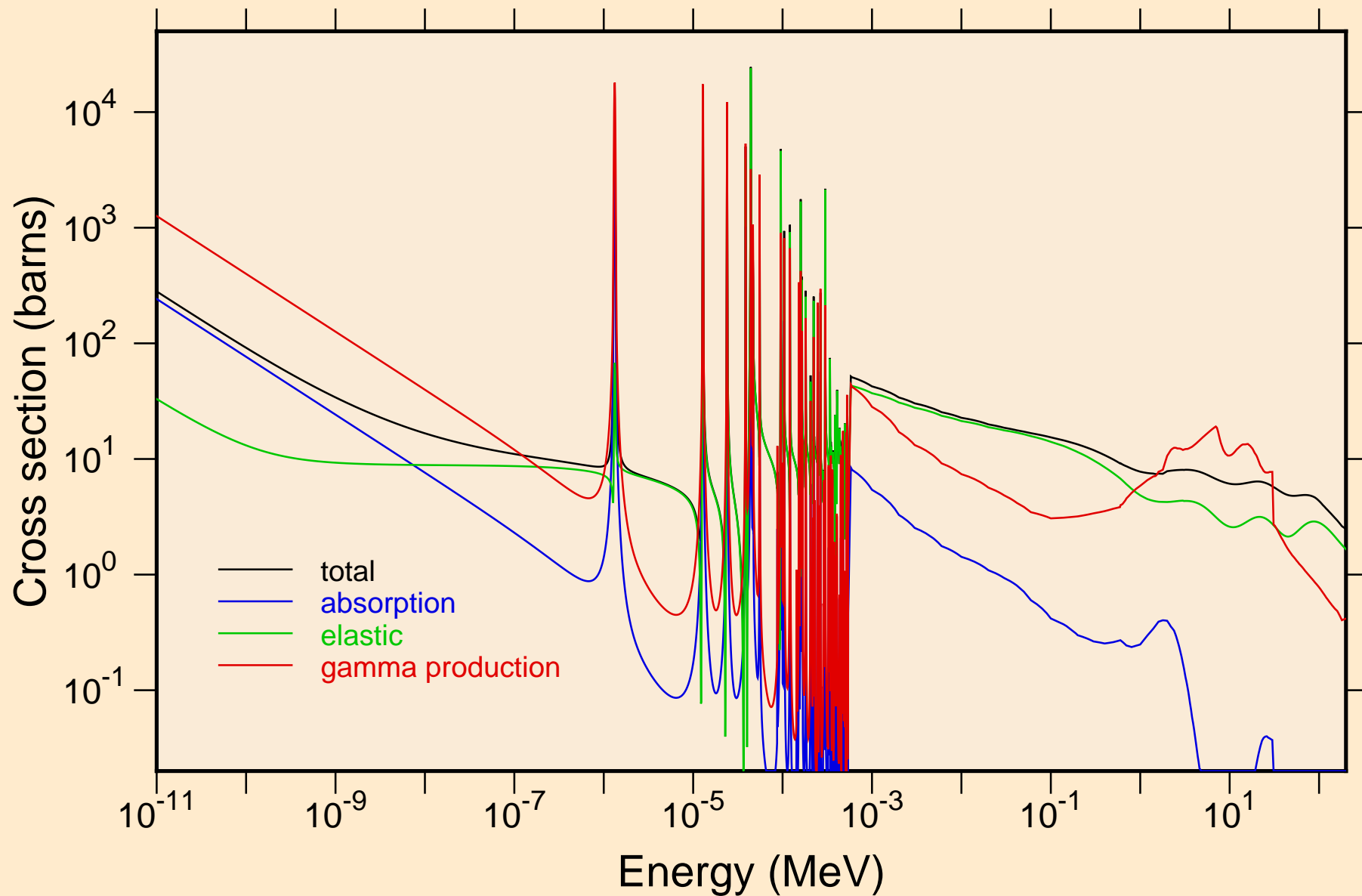
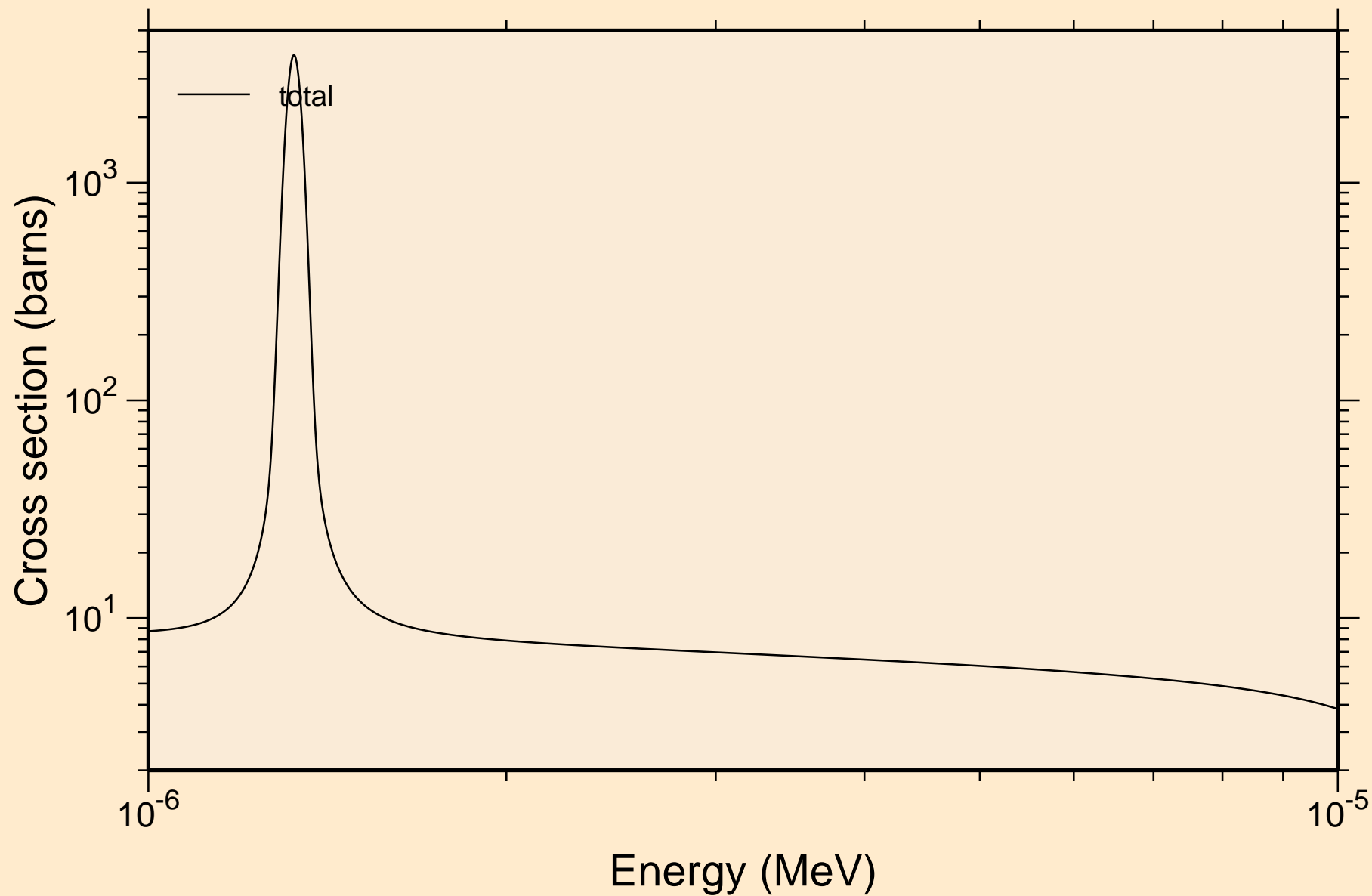


CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

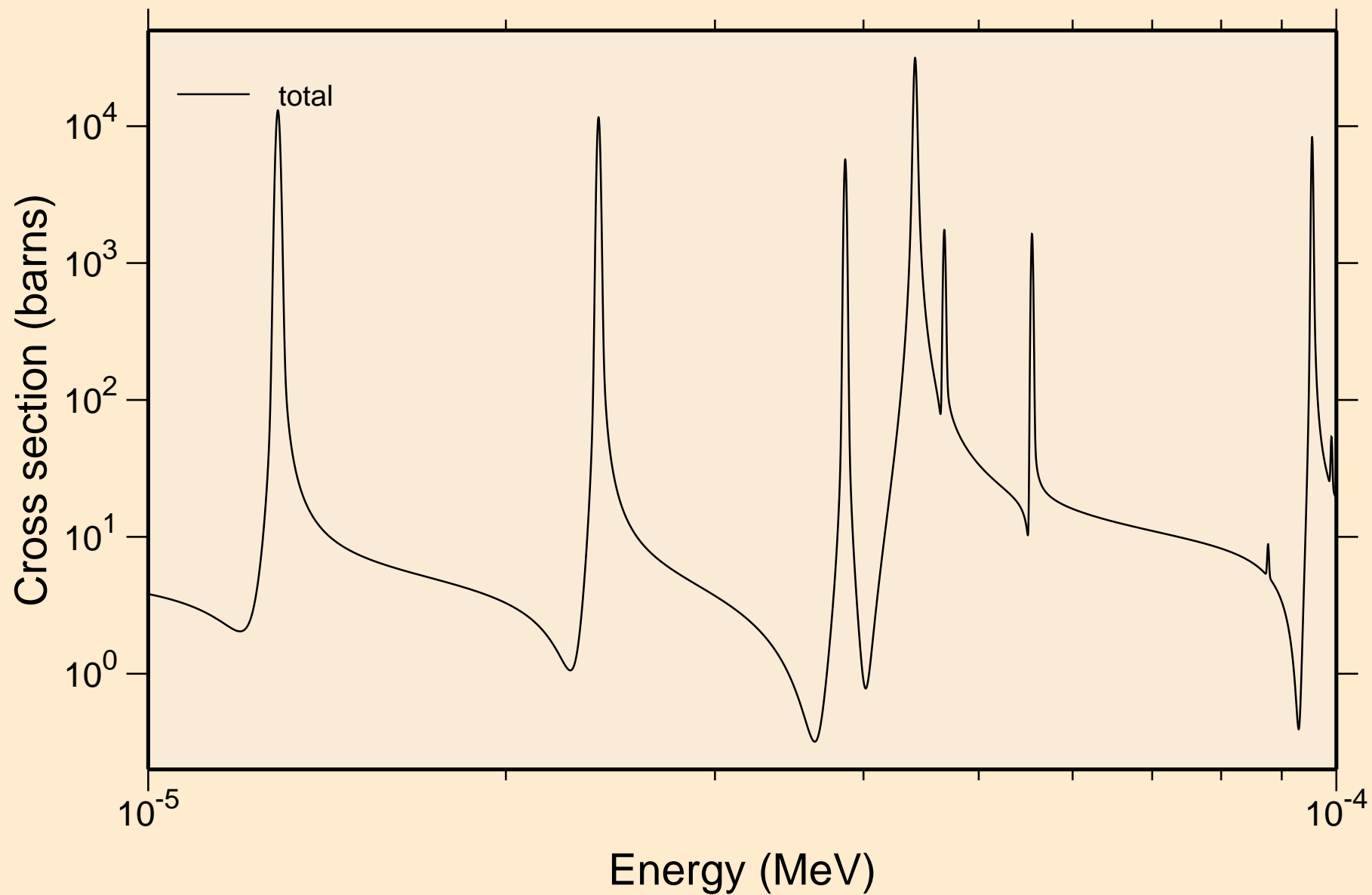
Principal cross sections



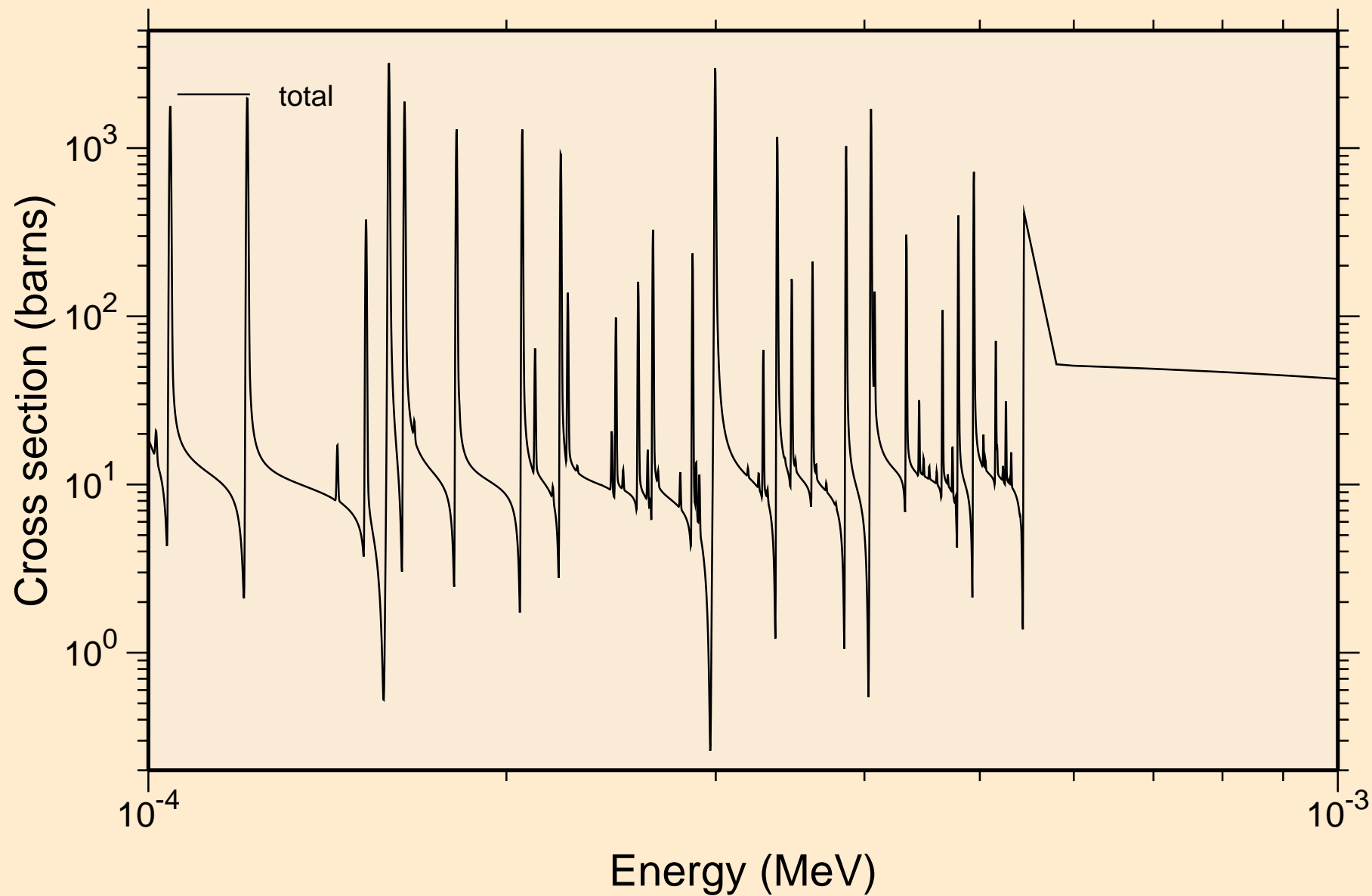
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



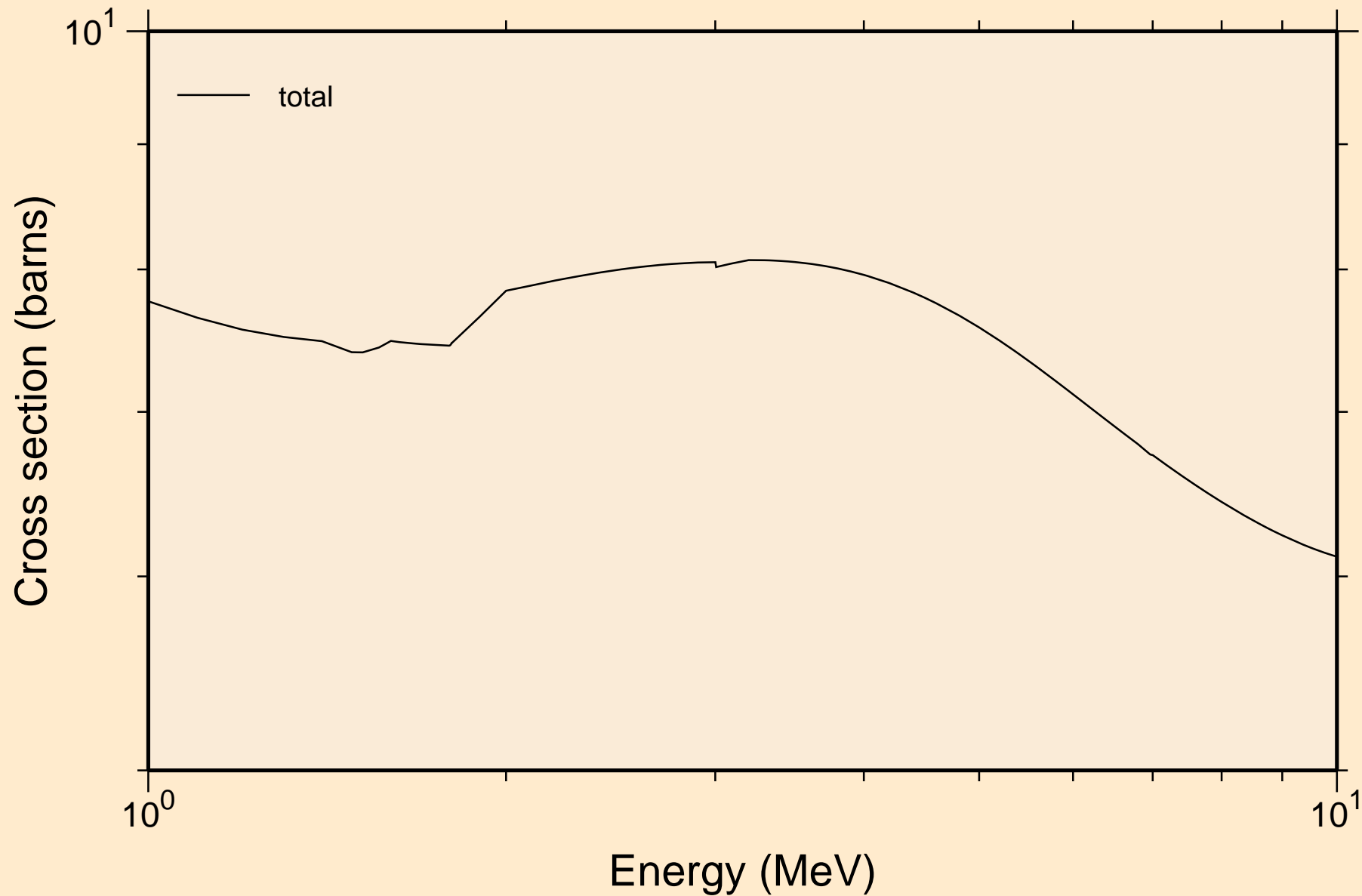
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



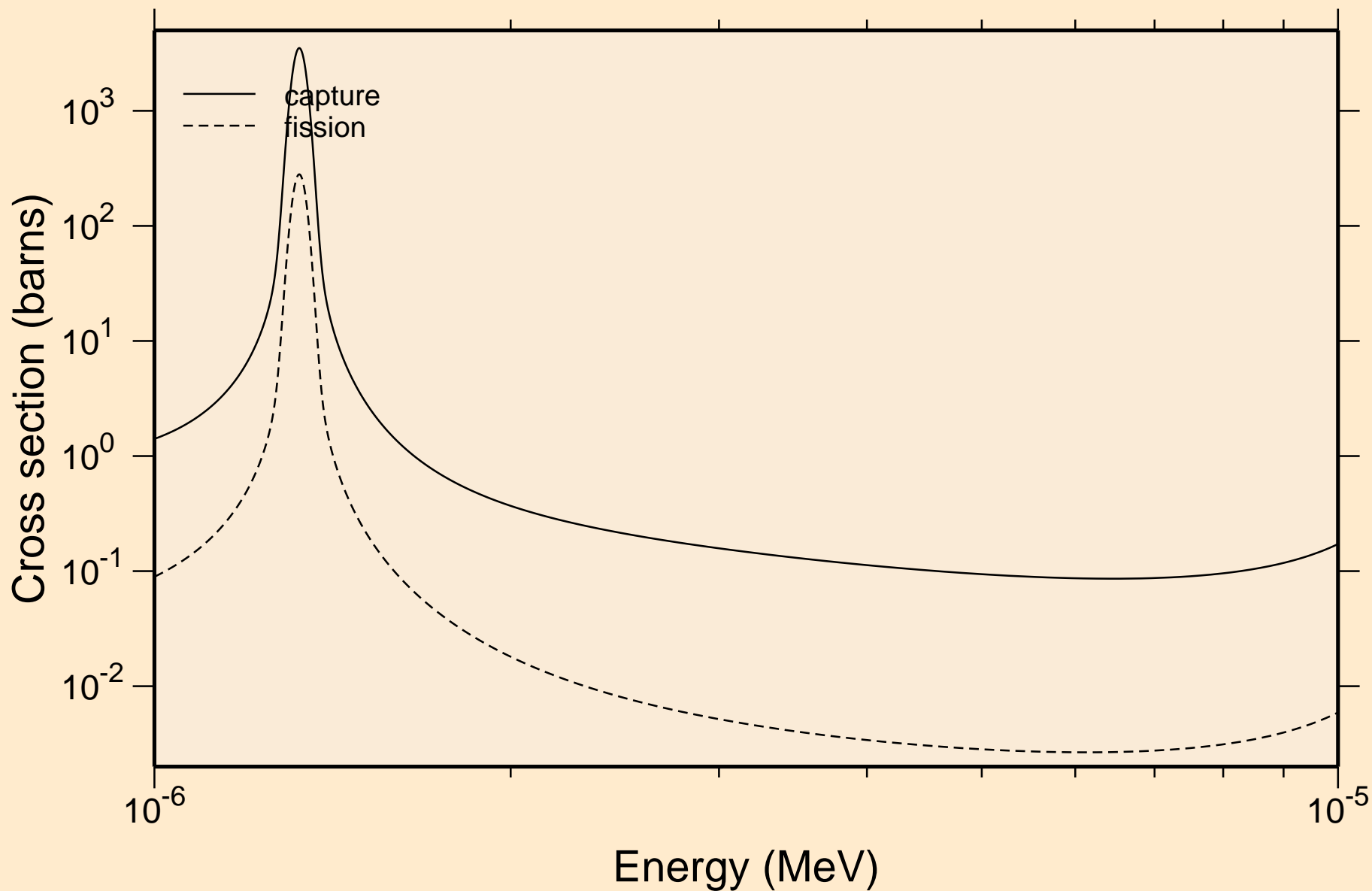
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



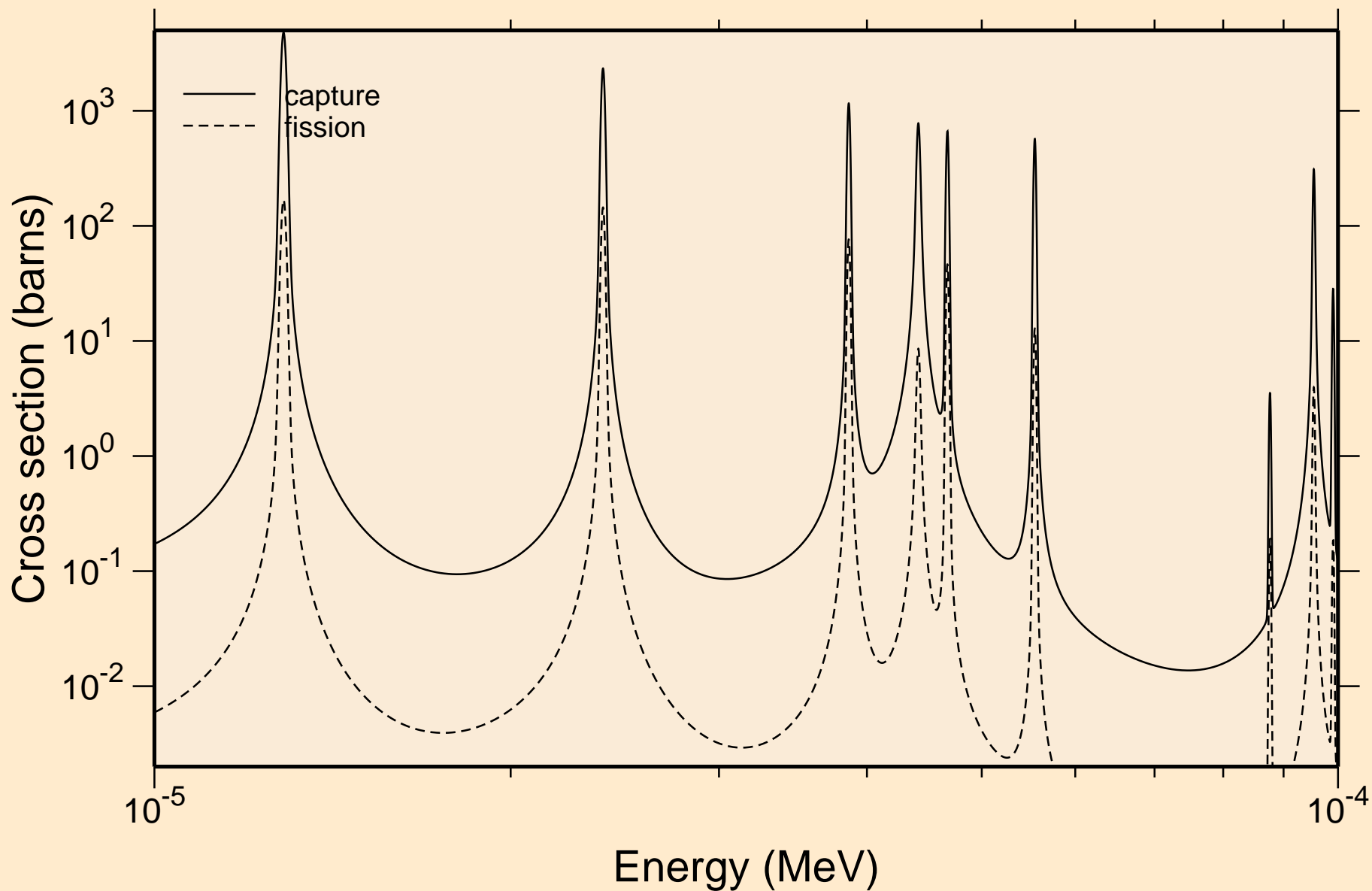
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



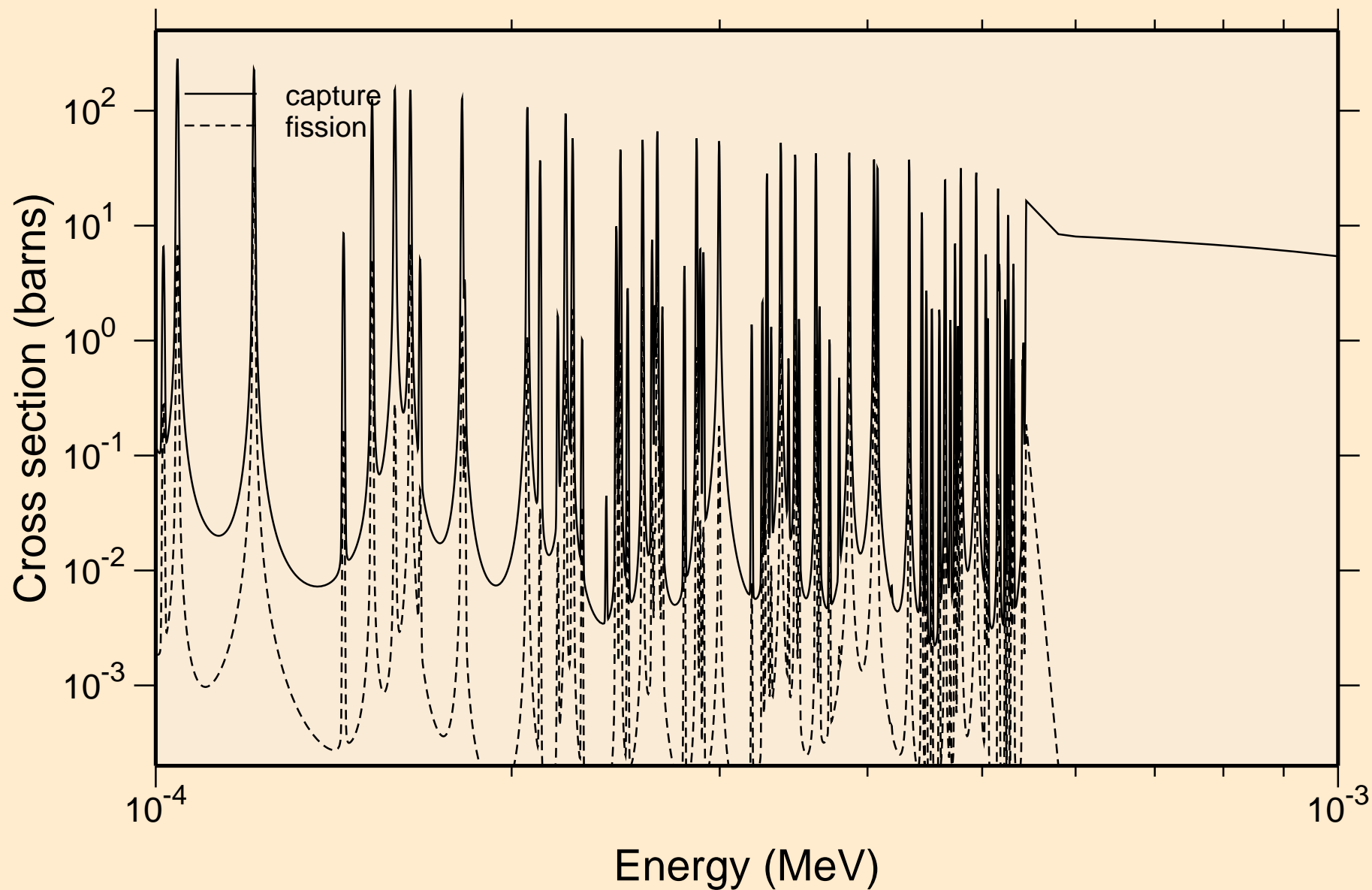
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



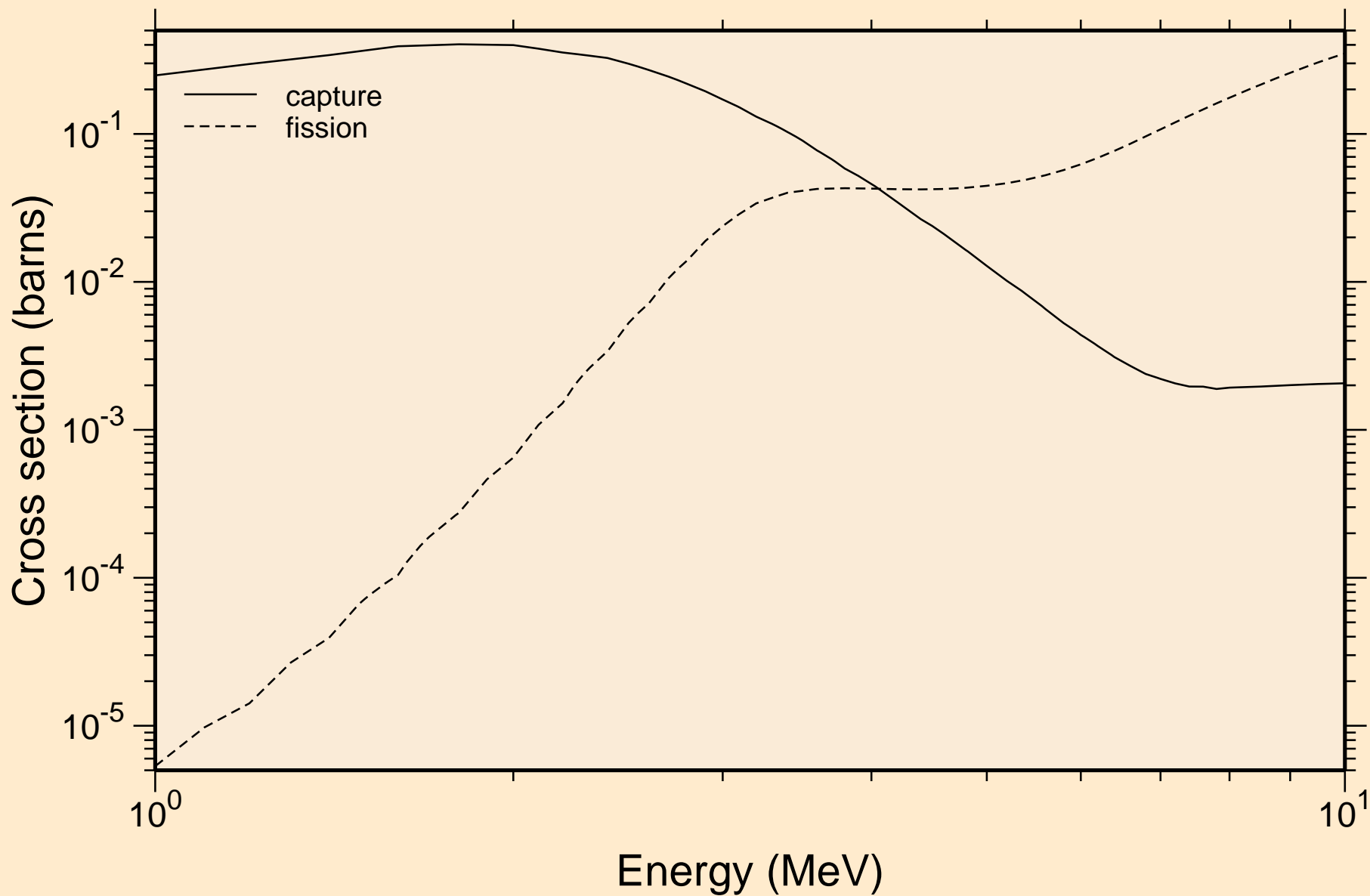
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



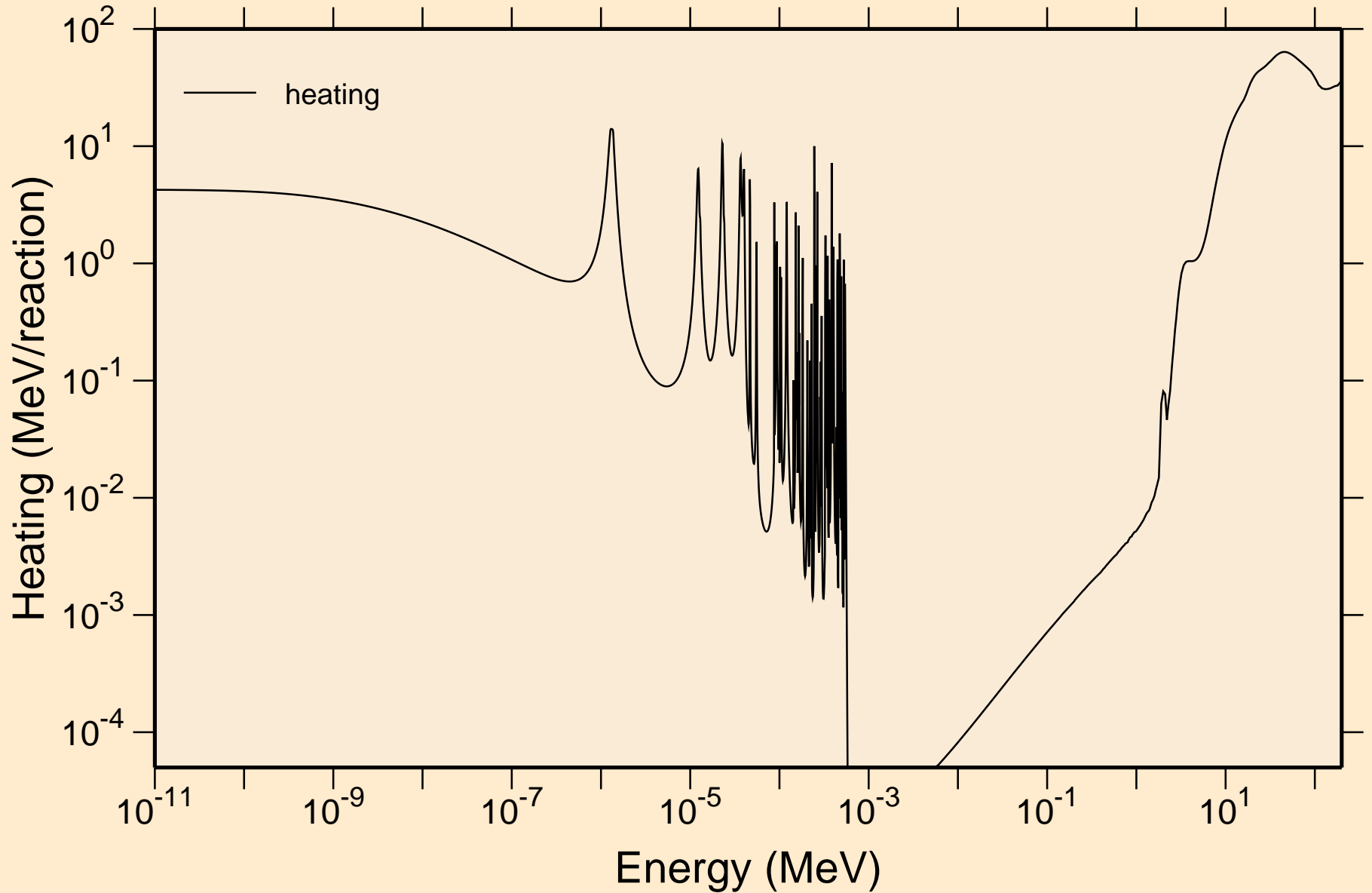
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



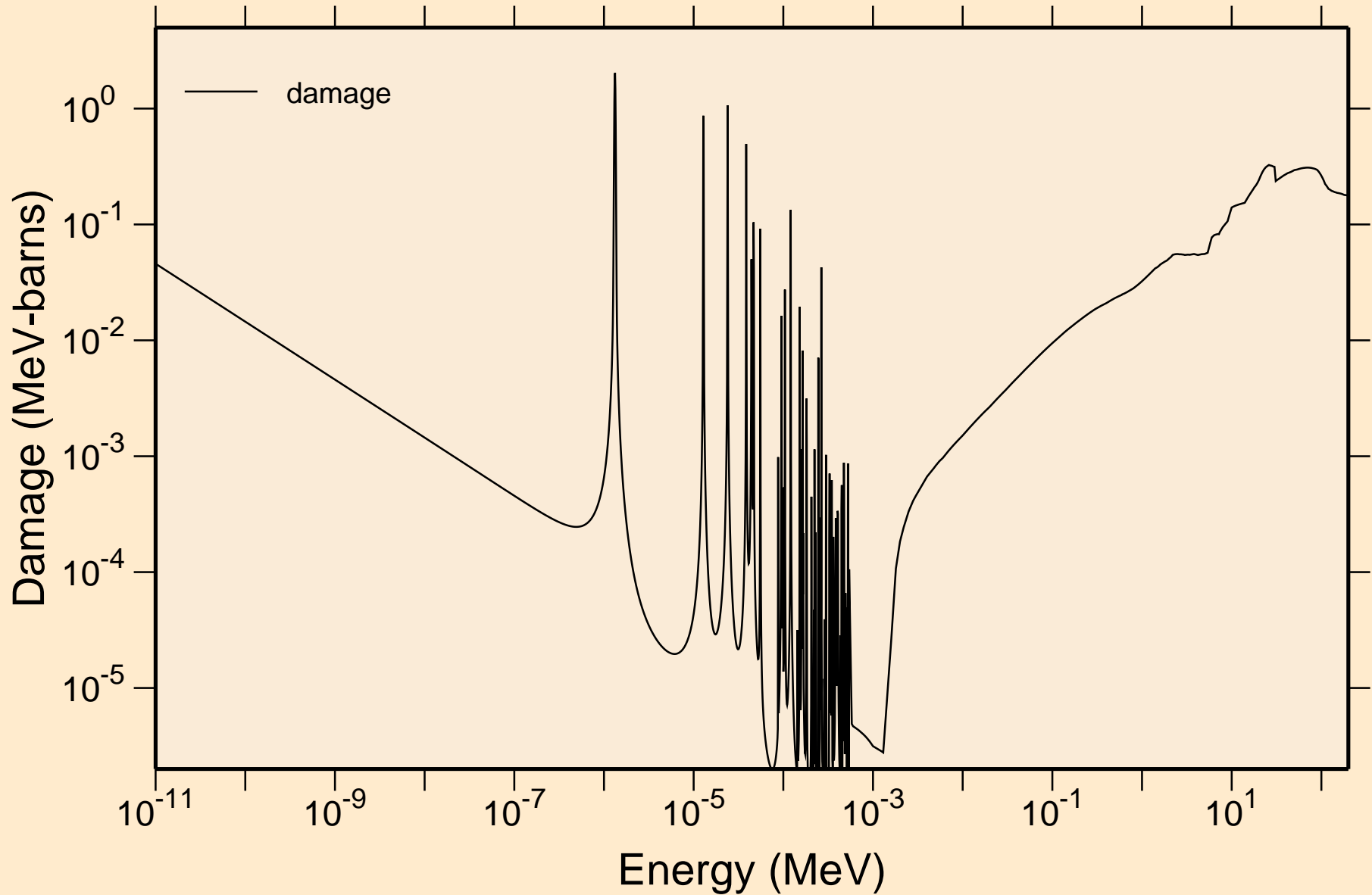
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



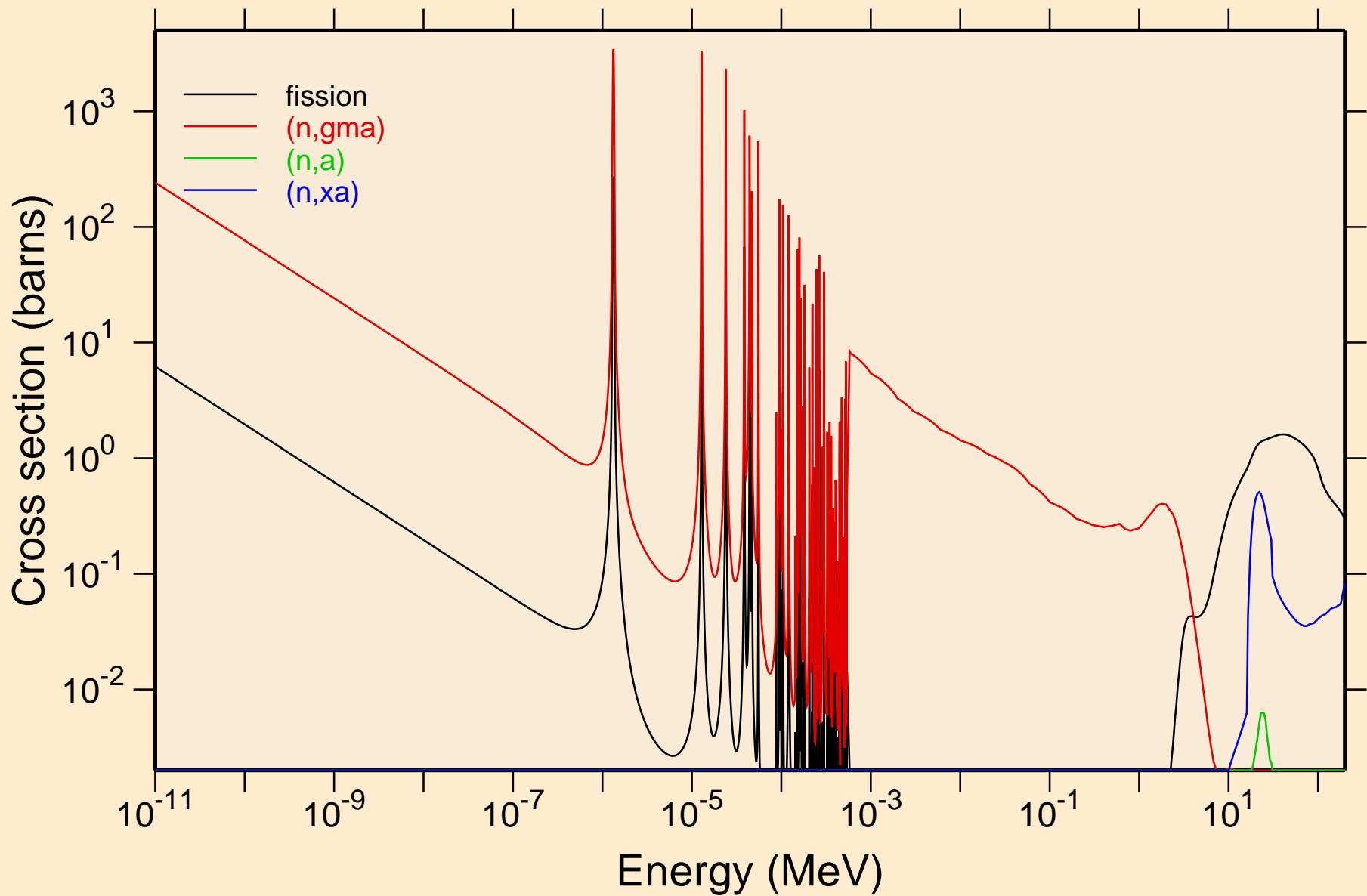
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage

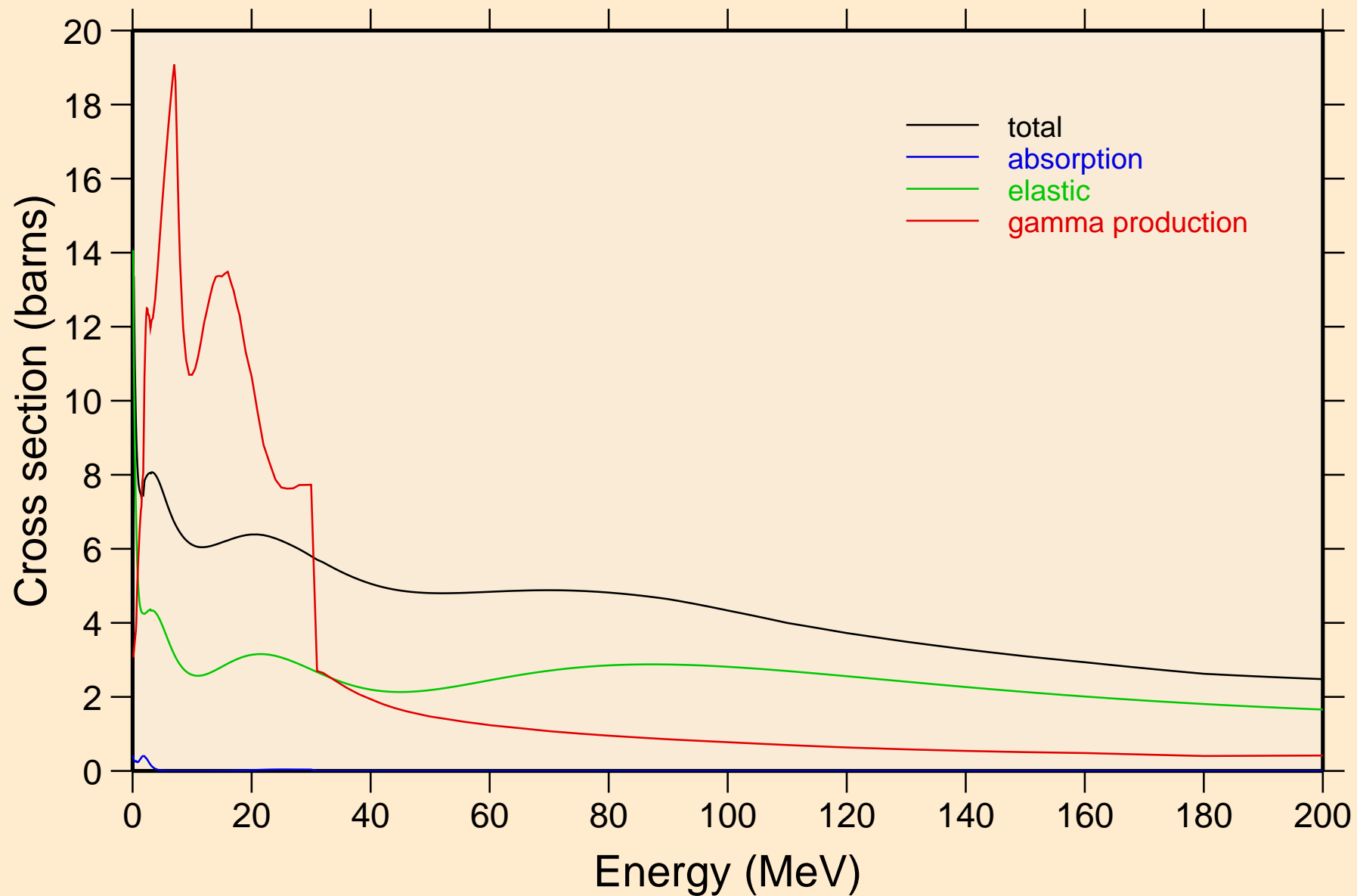


CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

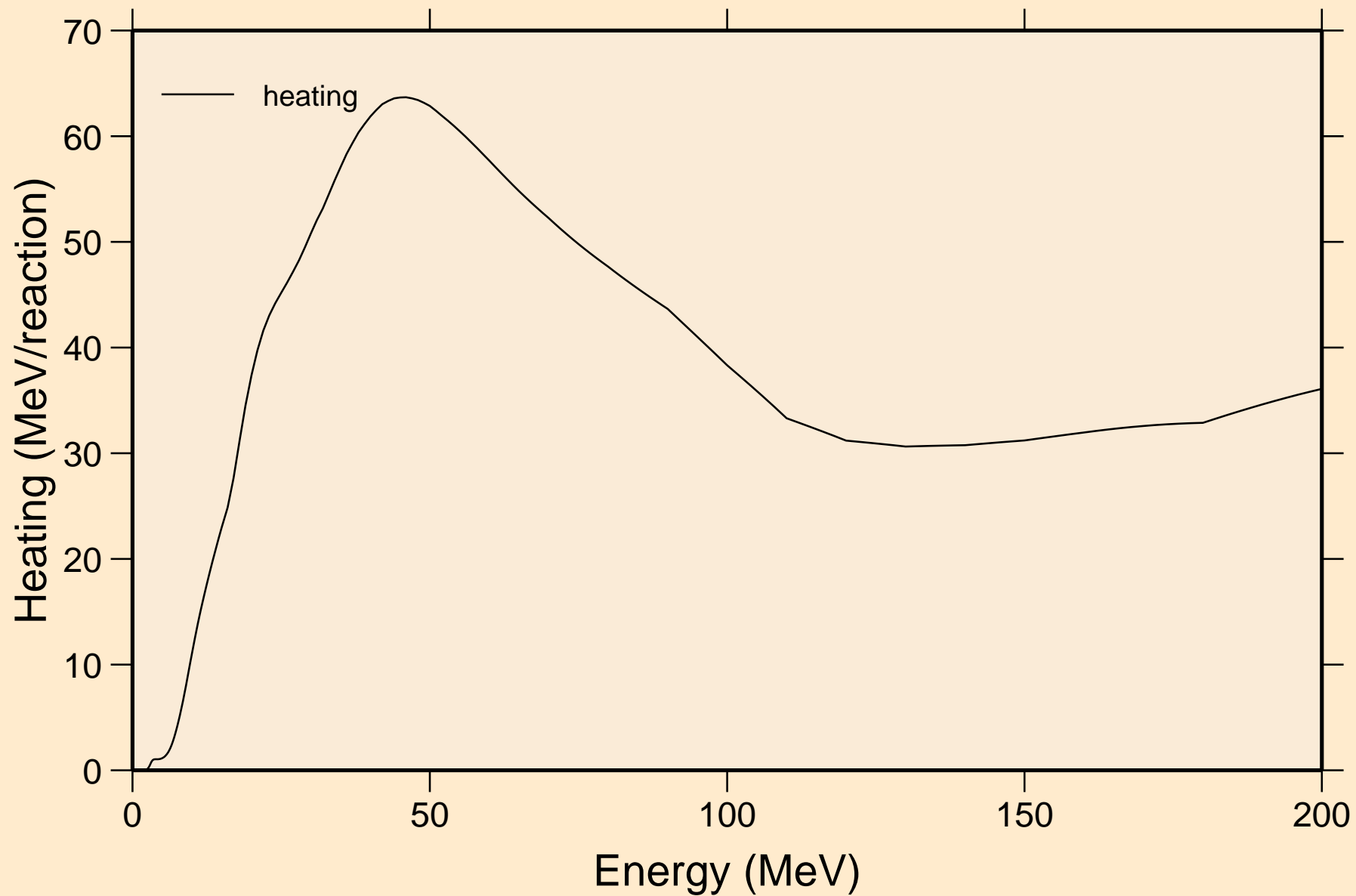


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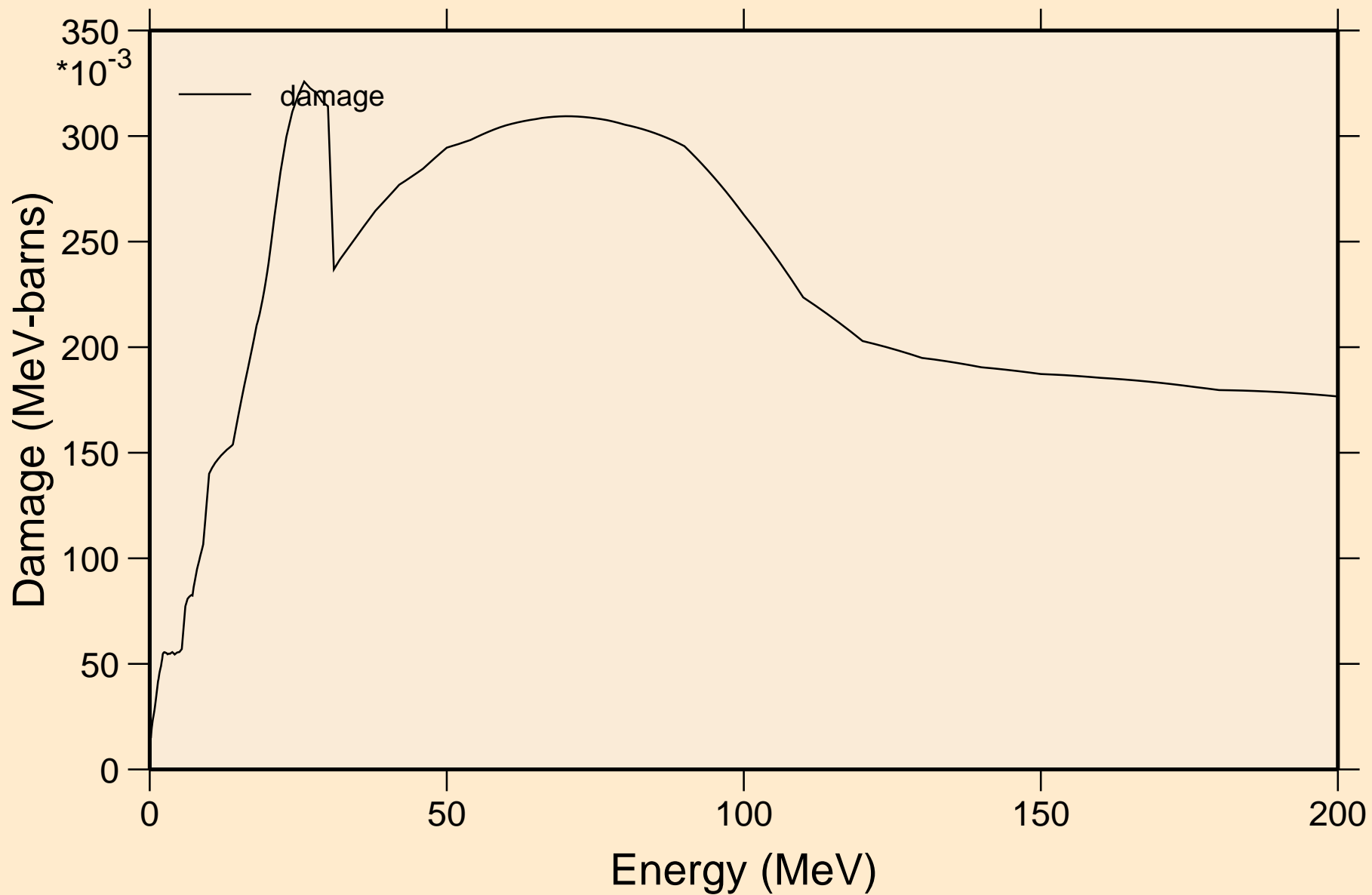
Principal cross sections



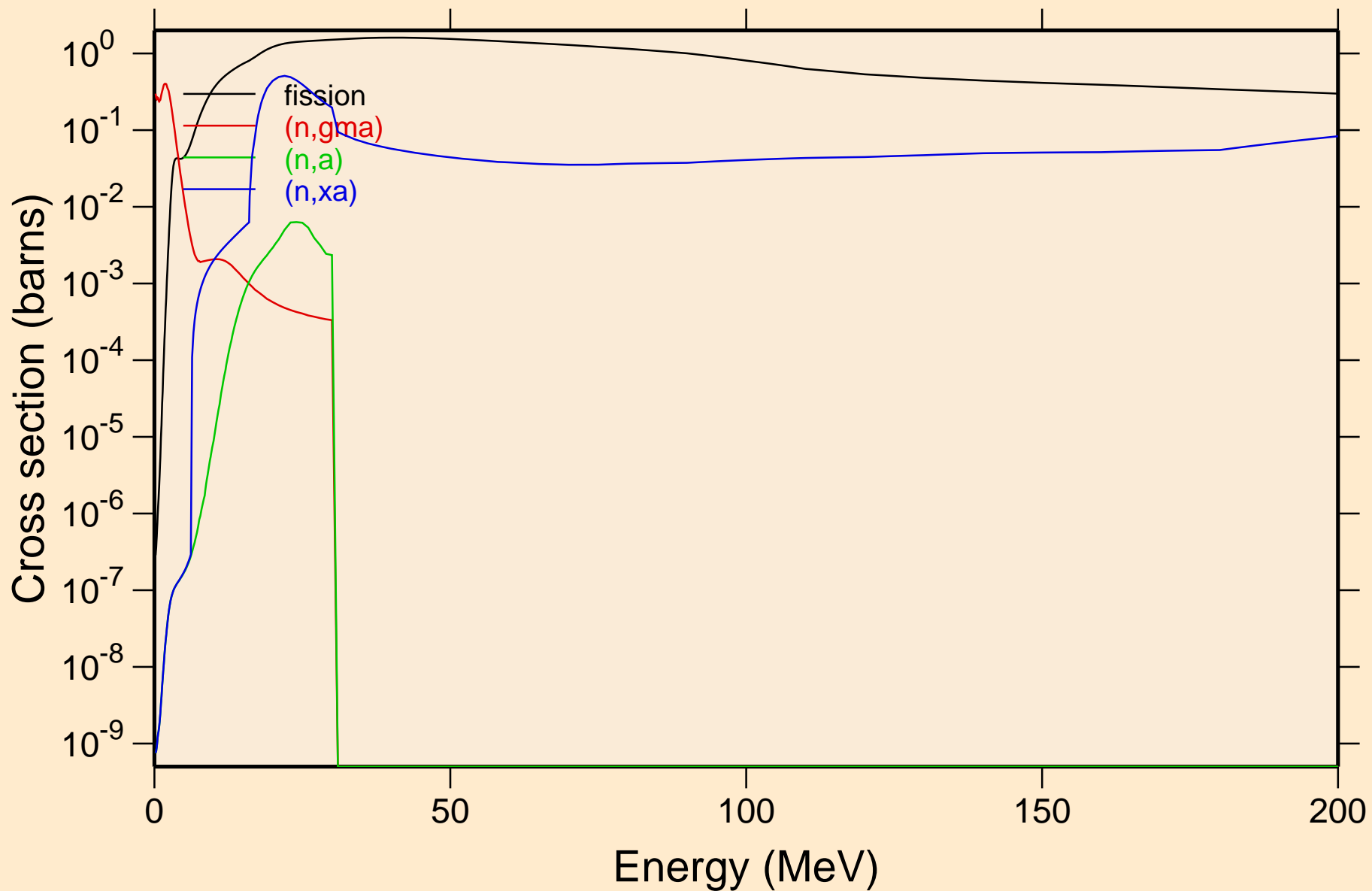
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



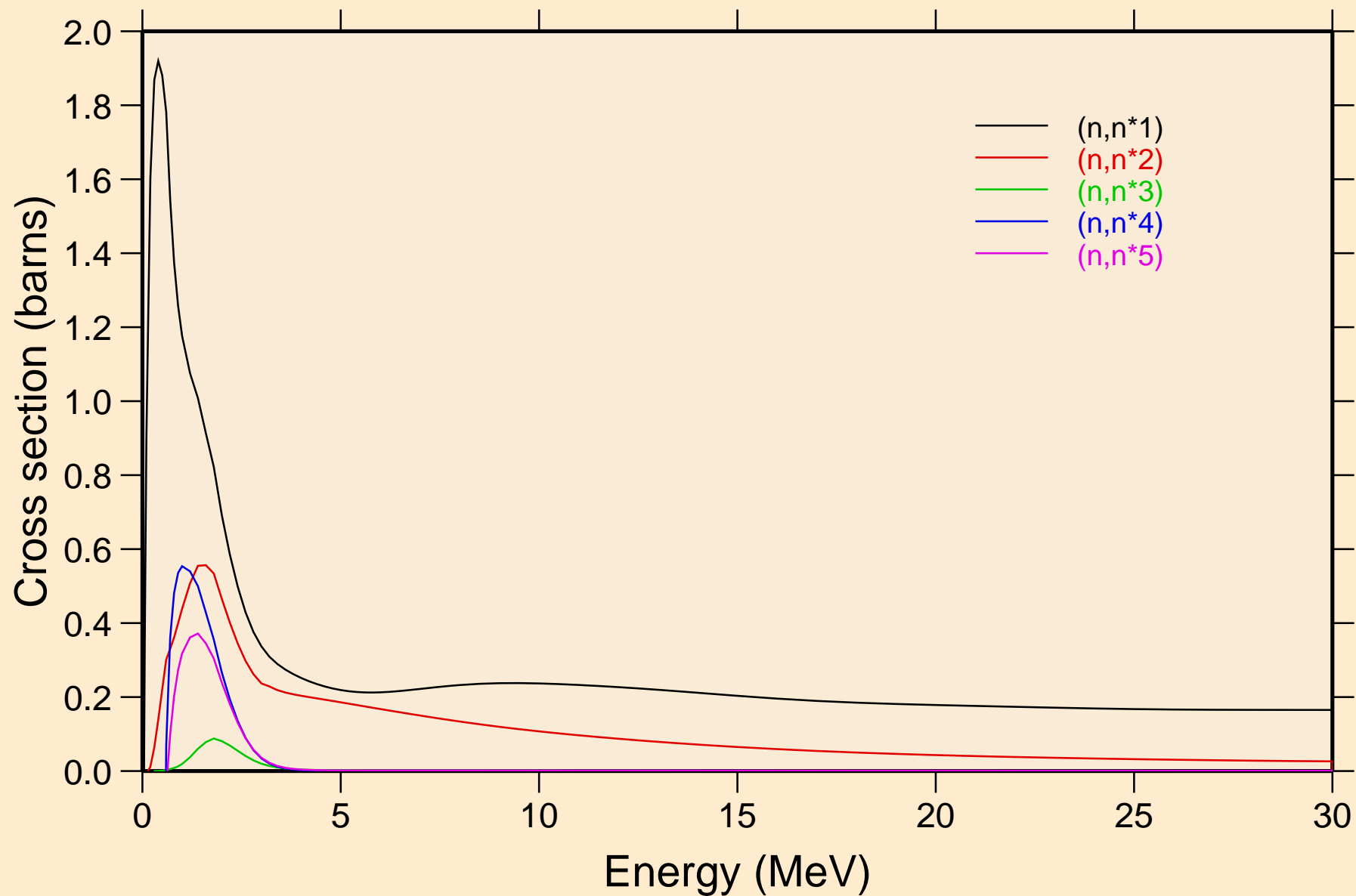
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



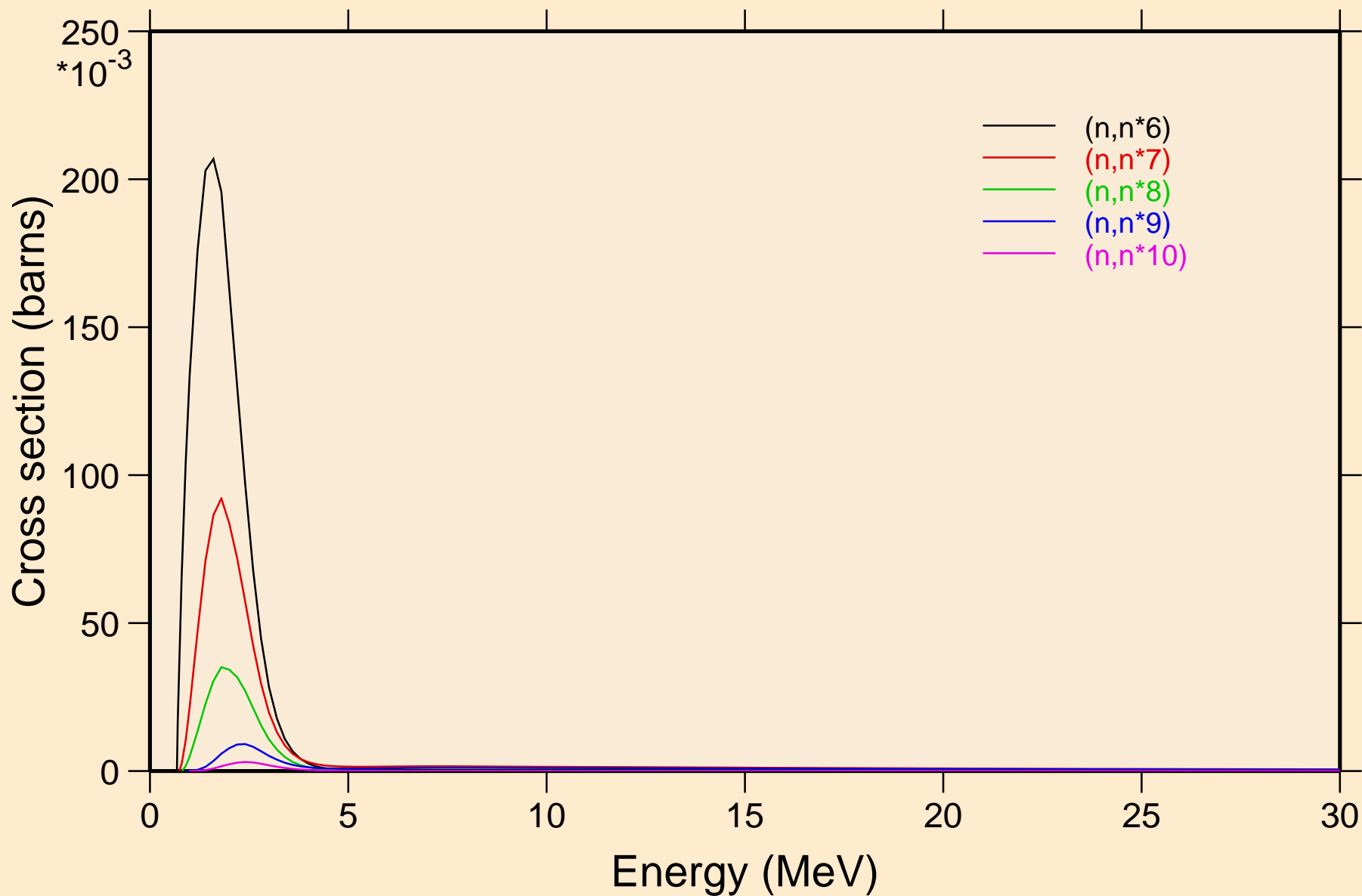
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



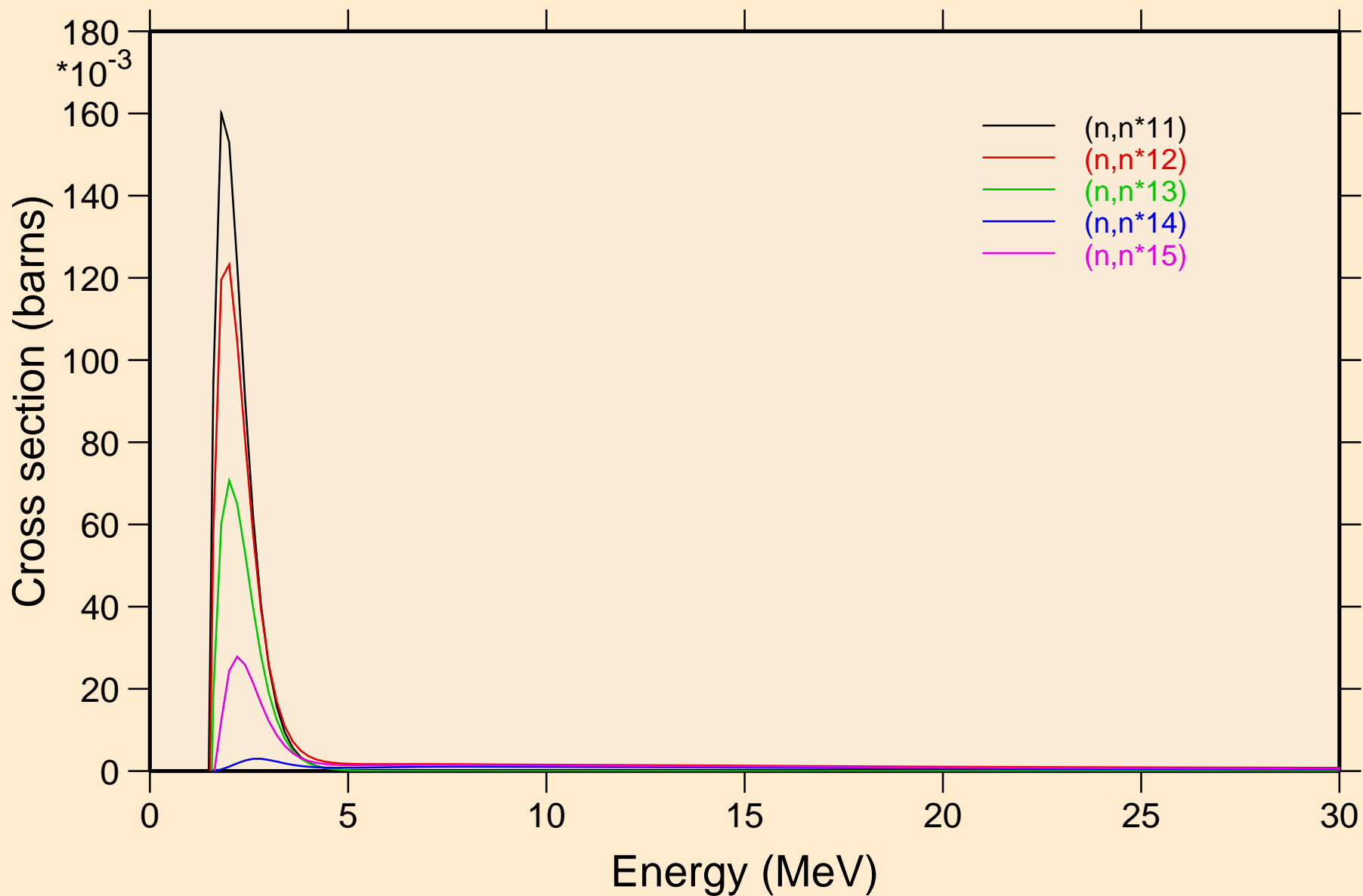
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Inelastic levels



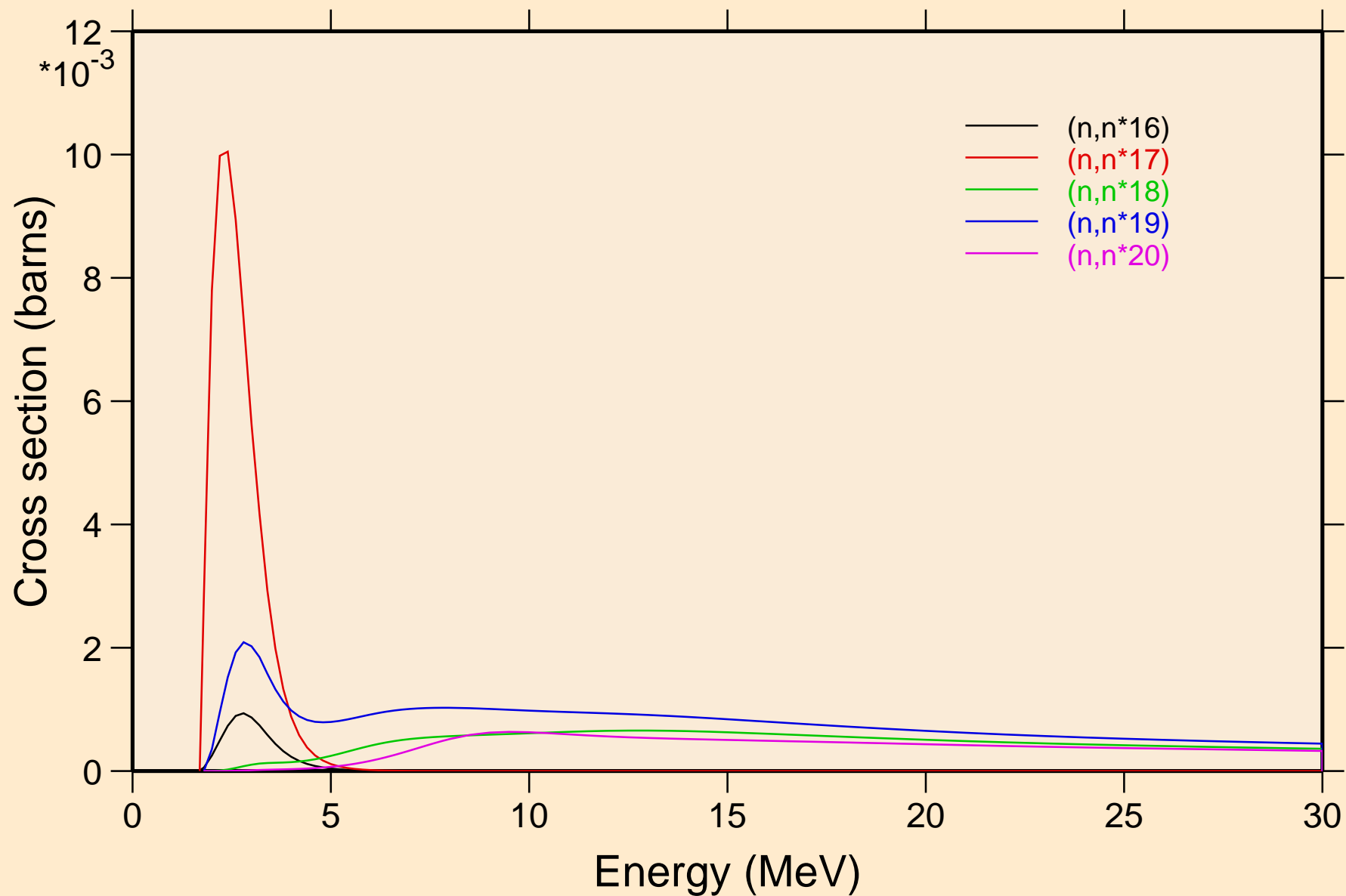
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



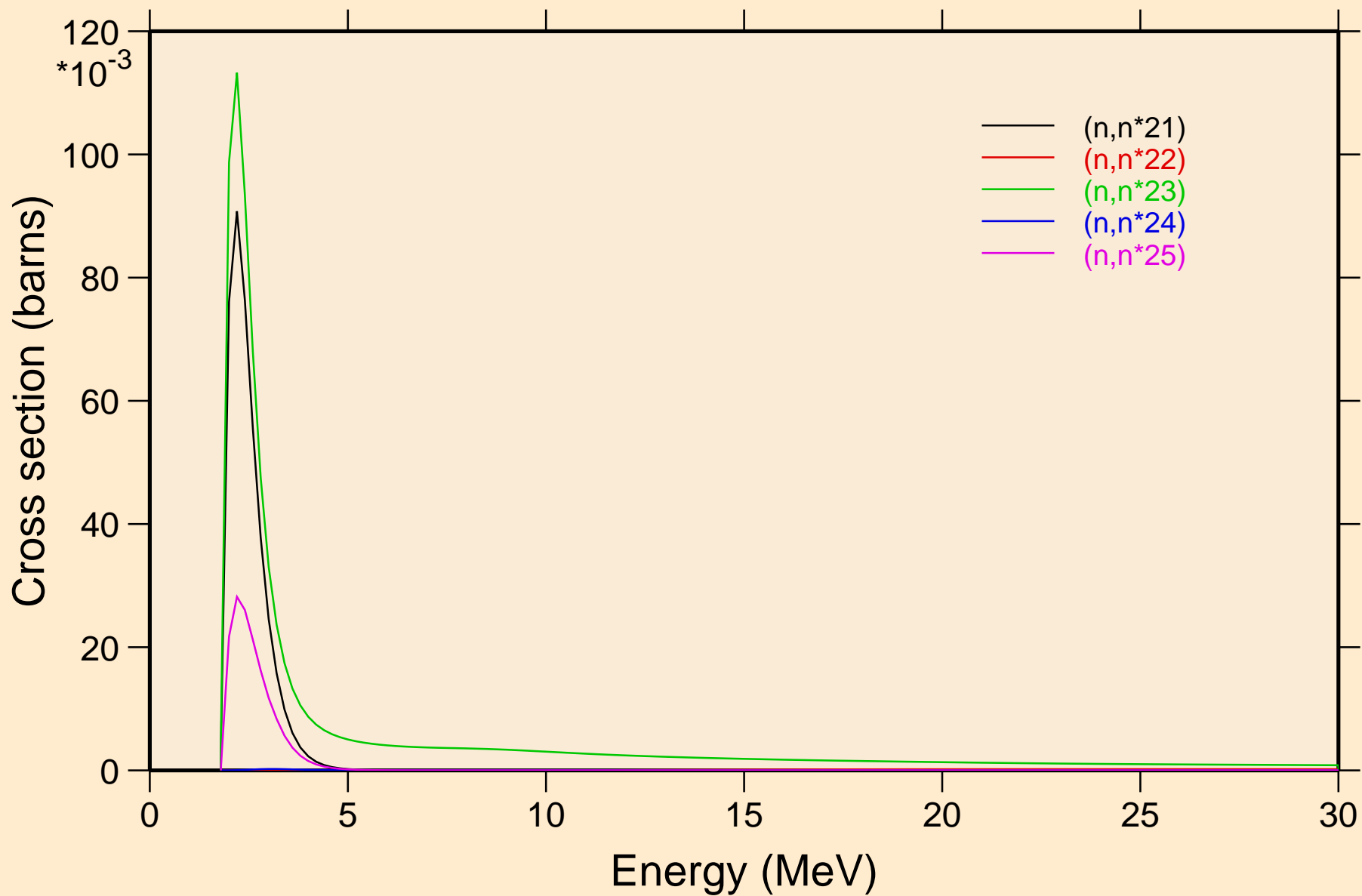
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



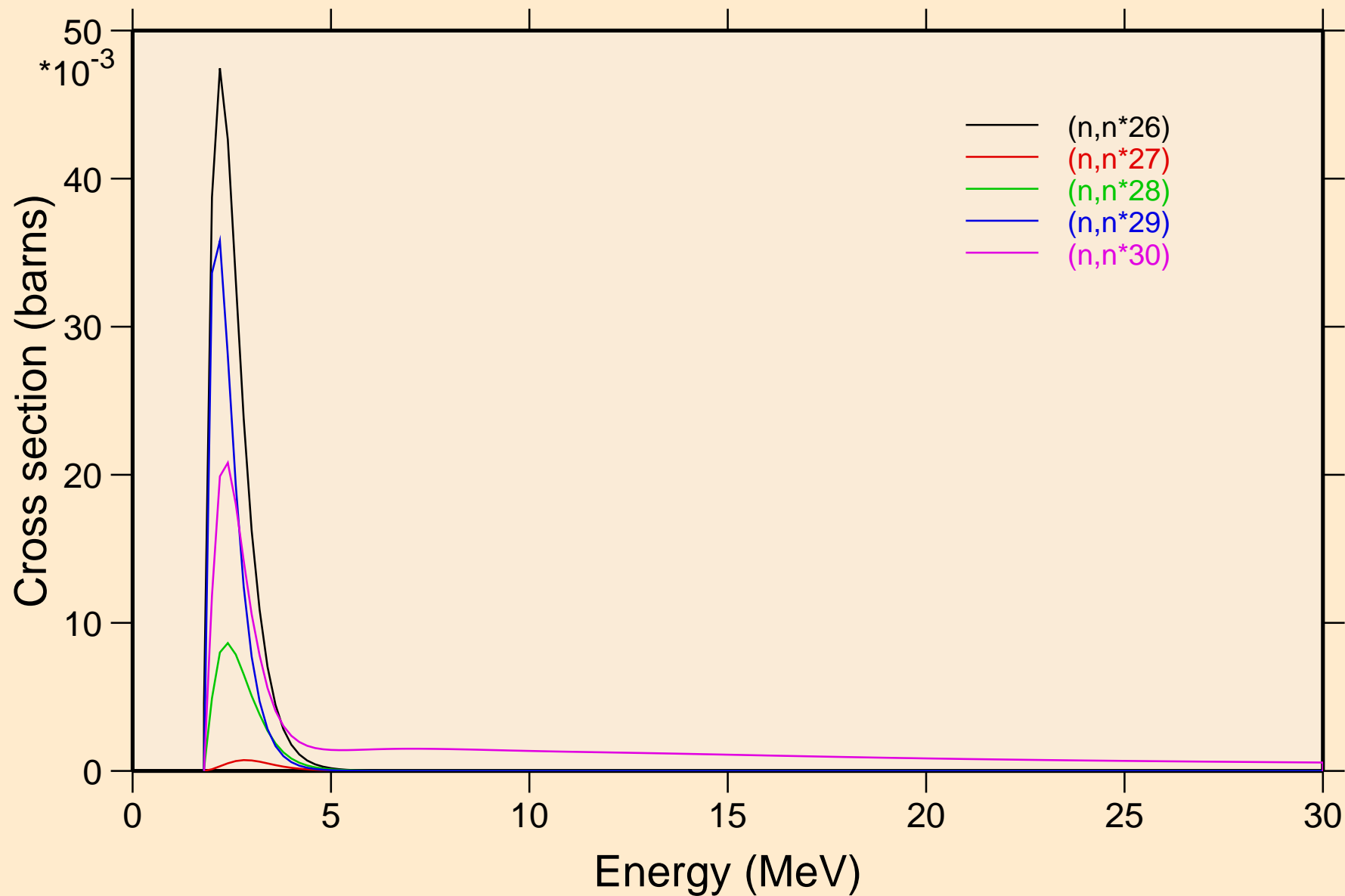
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

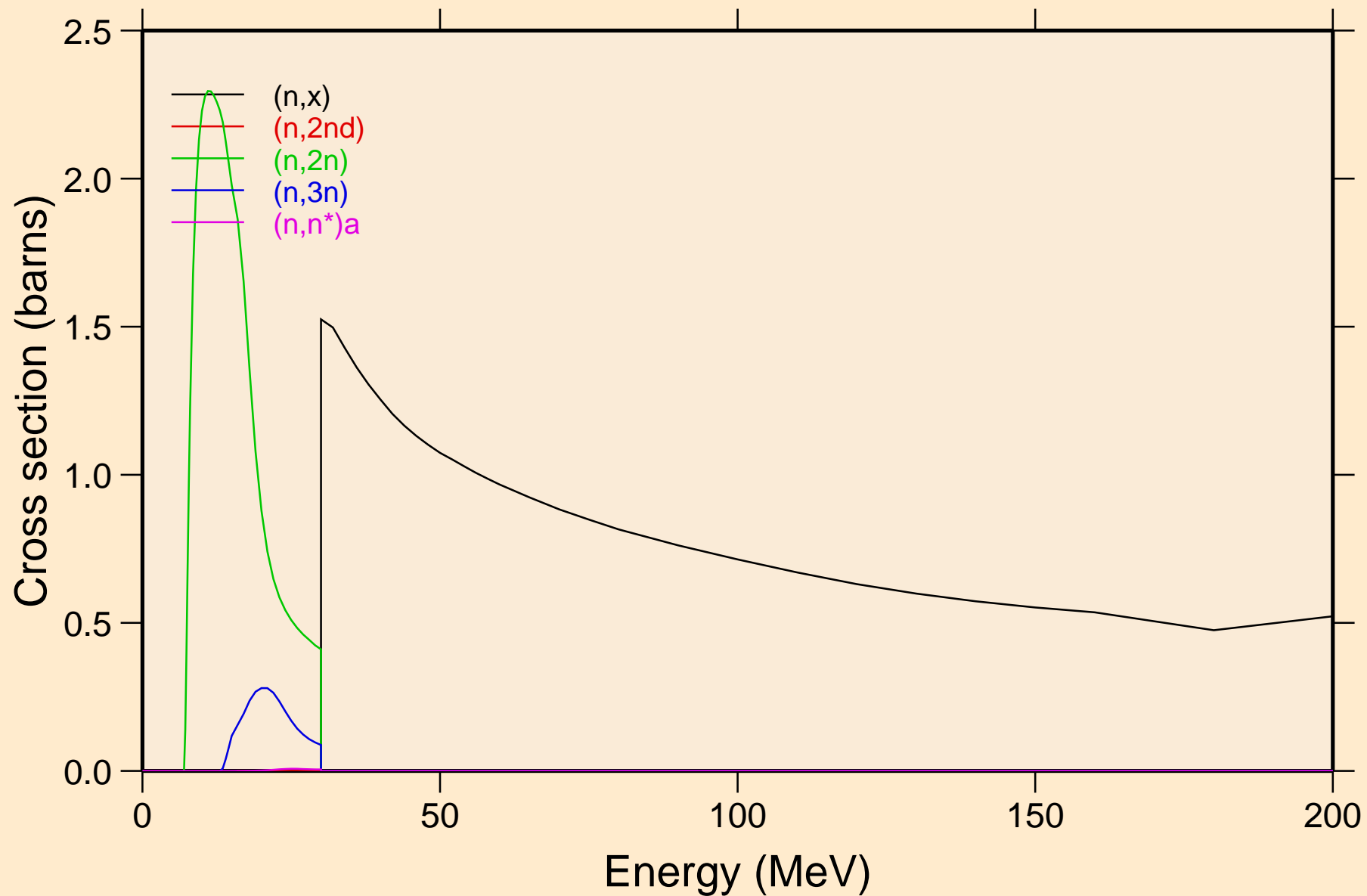


CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

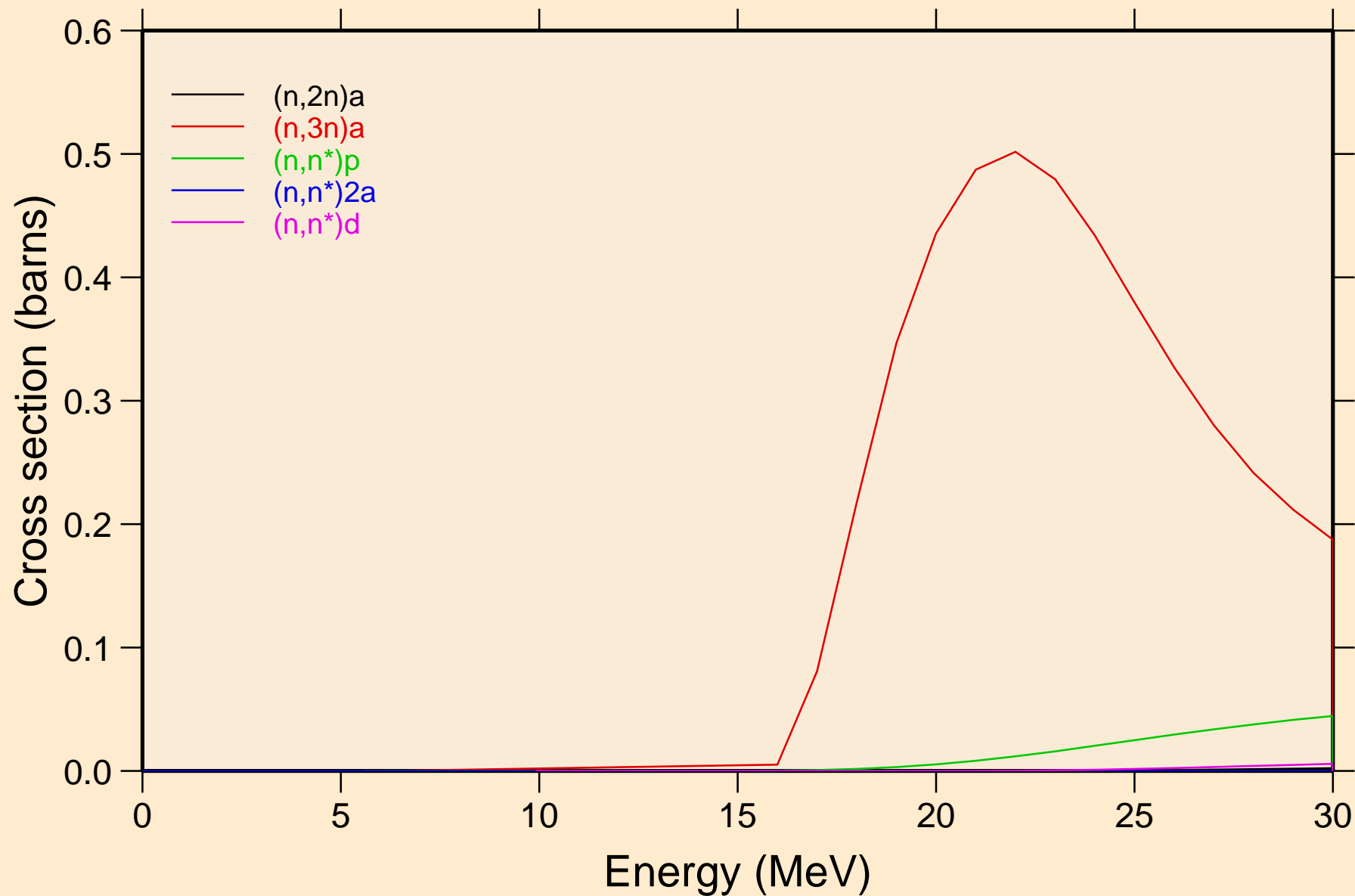


CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

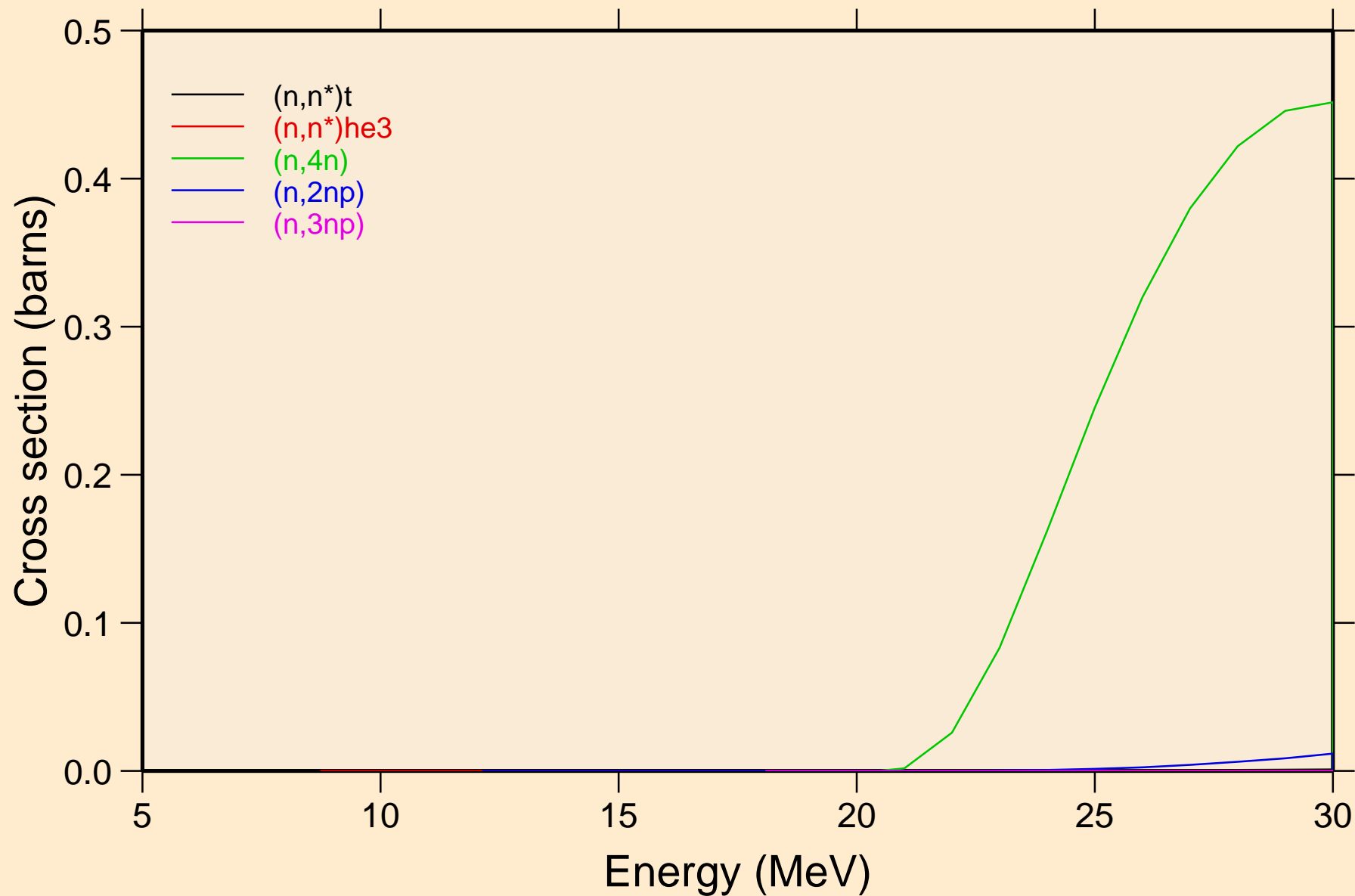
Threshold reactions



CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

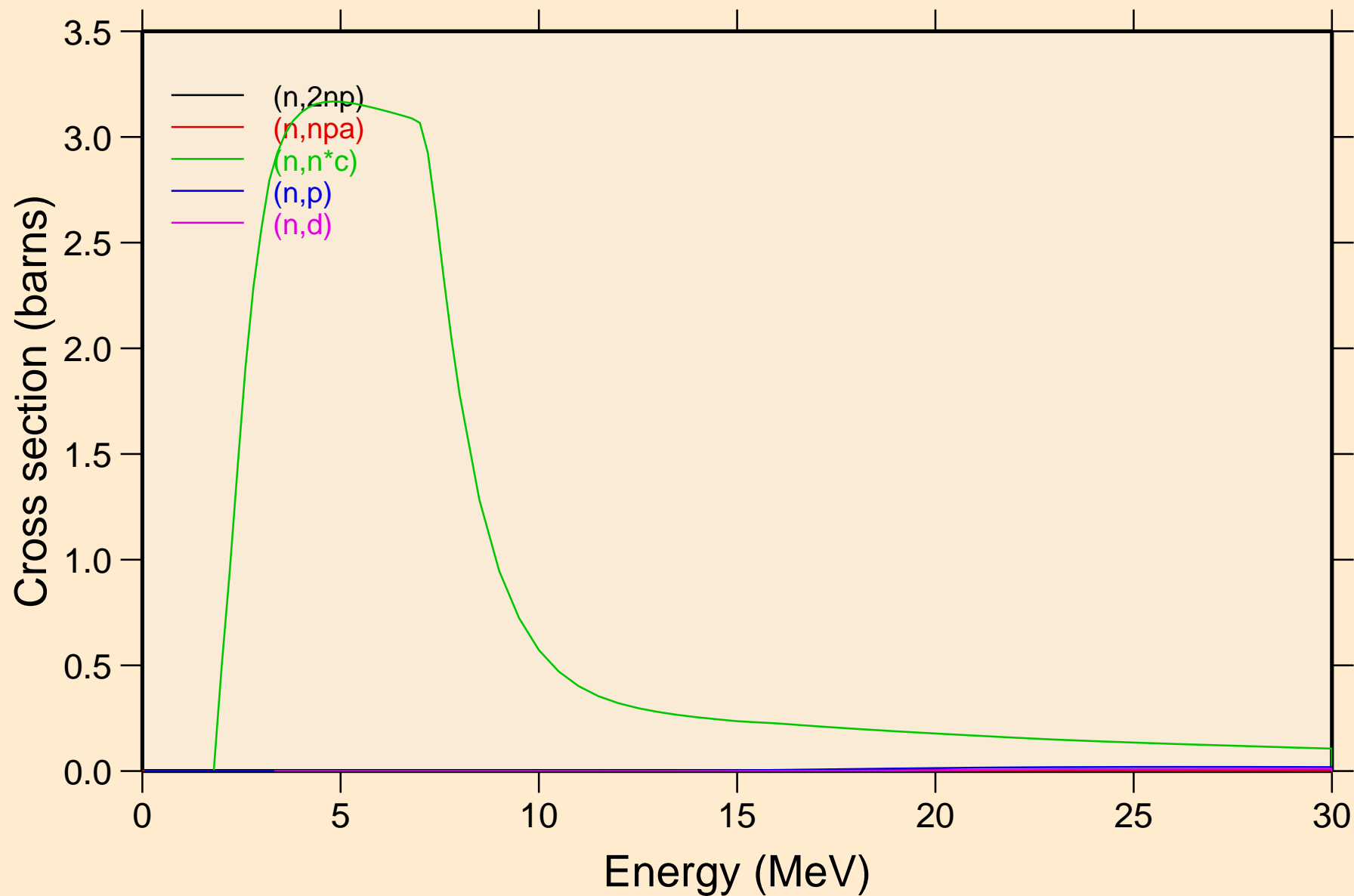


CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

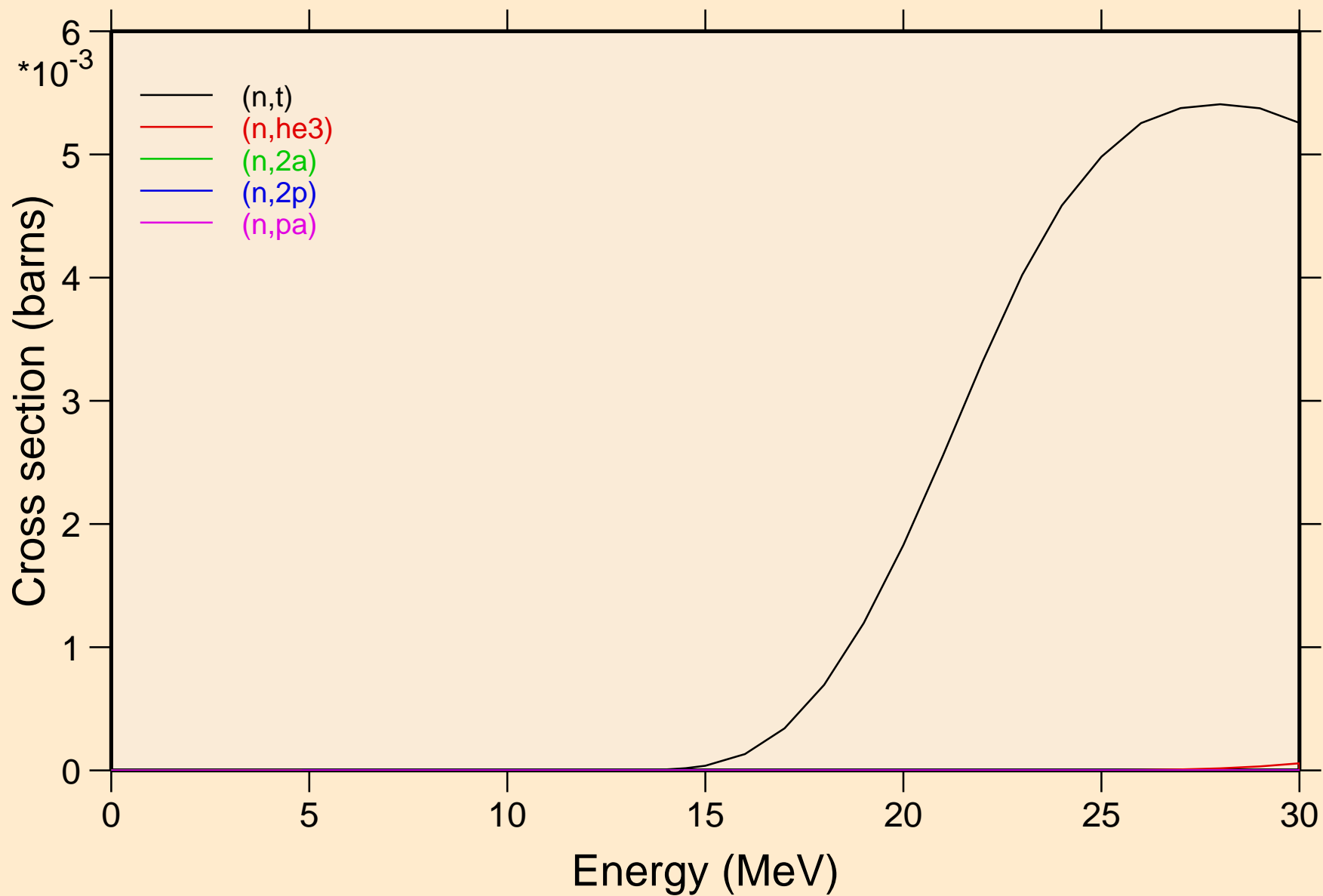


CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

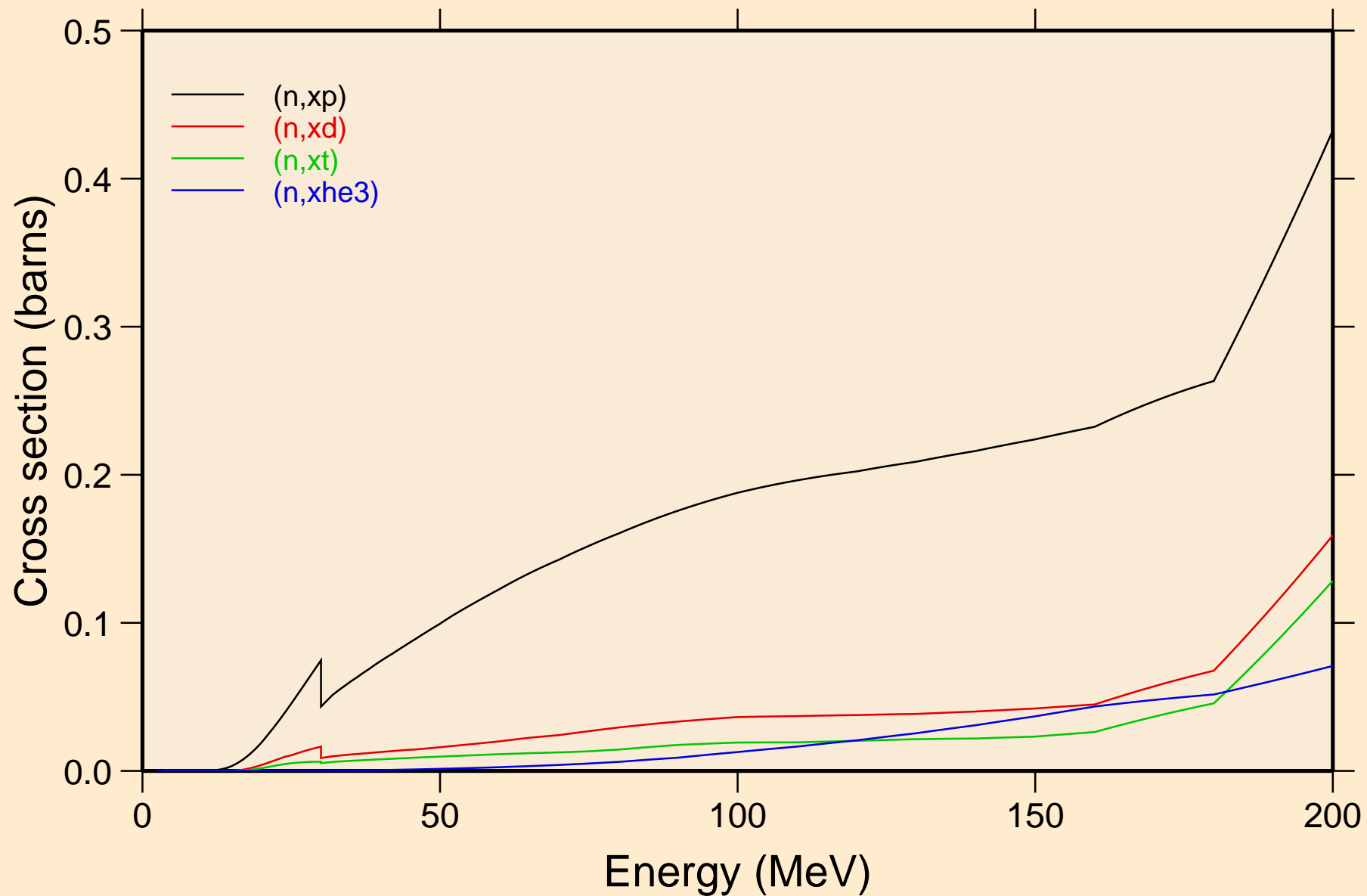
Threshold reactions



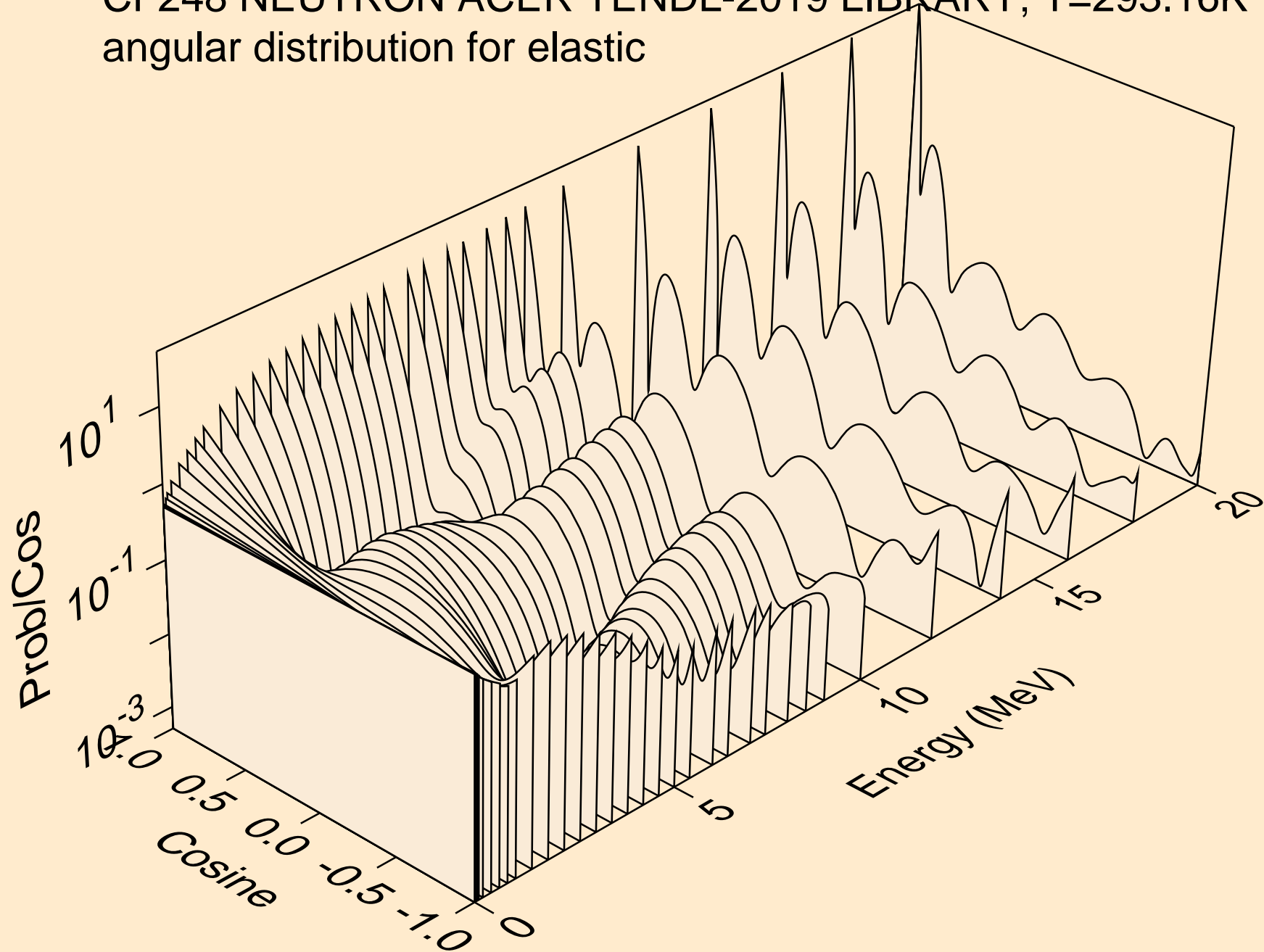
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



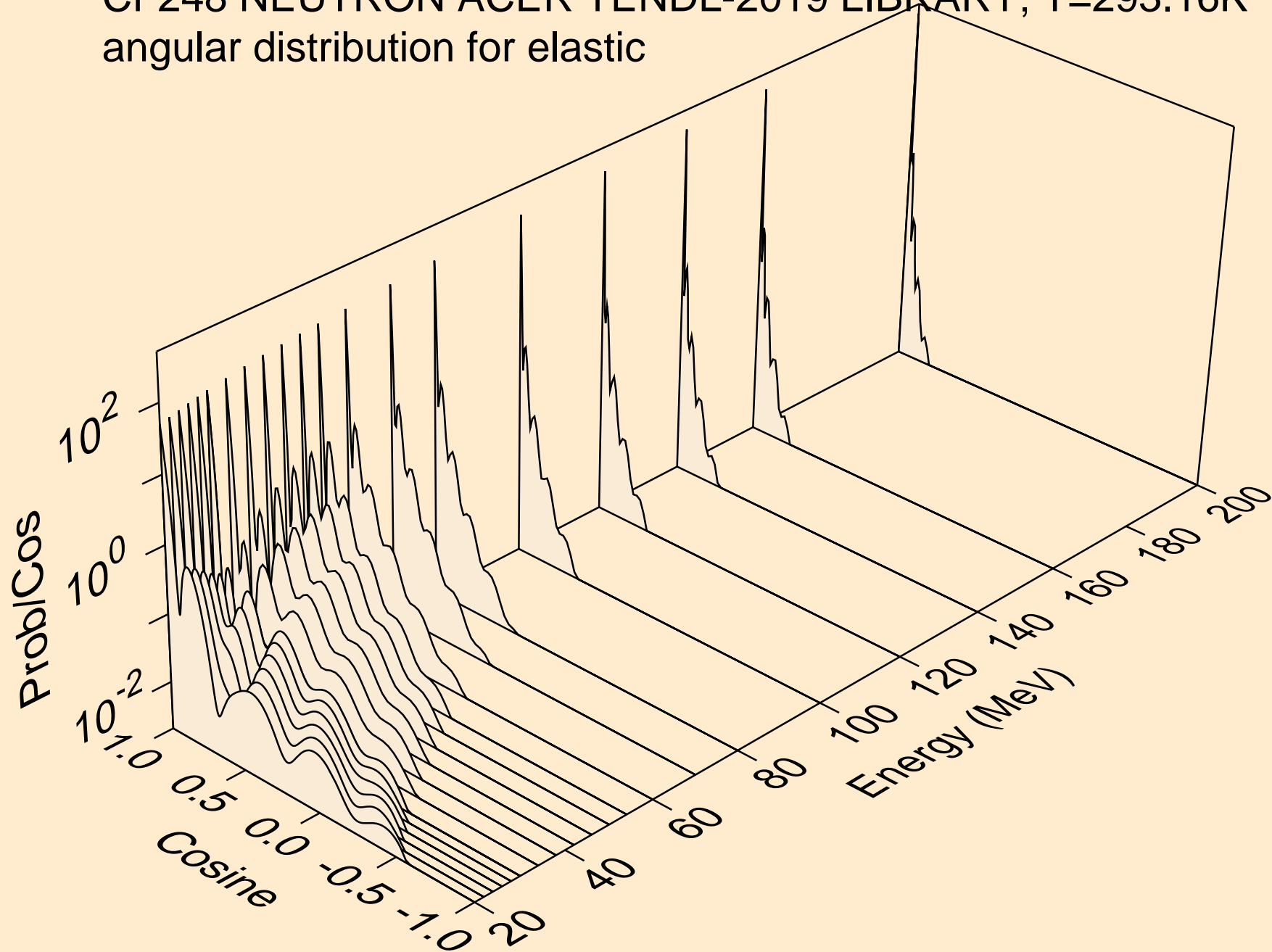
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



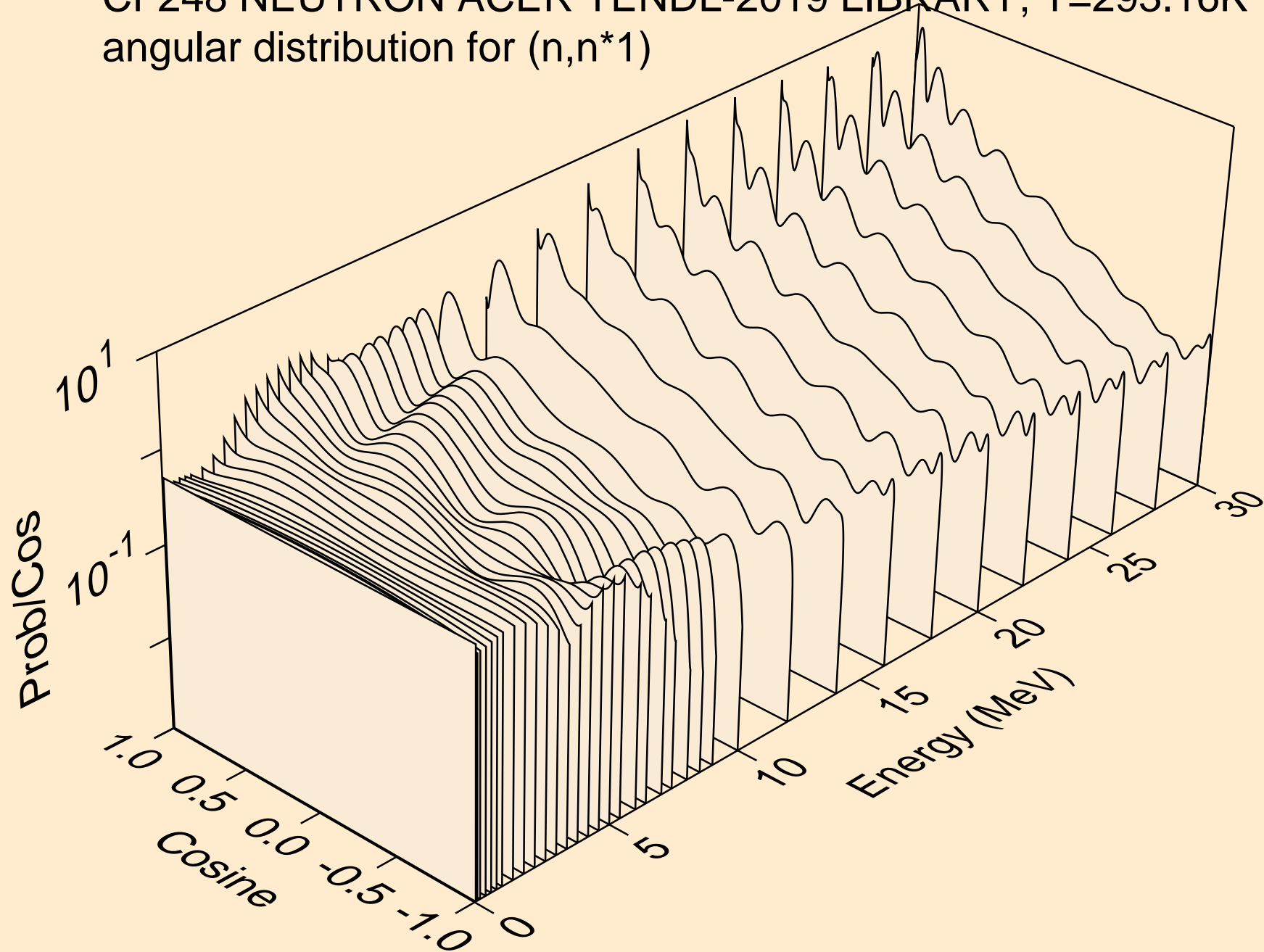
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



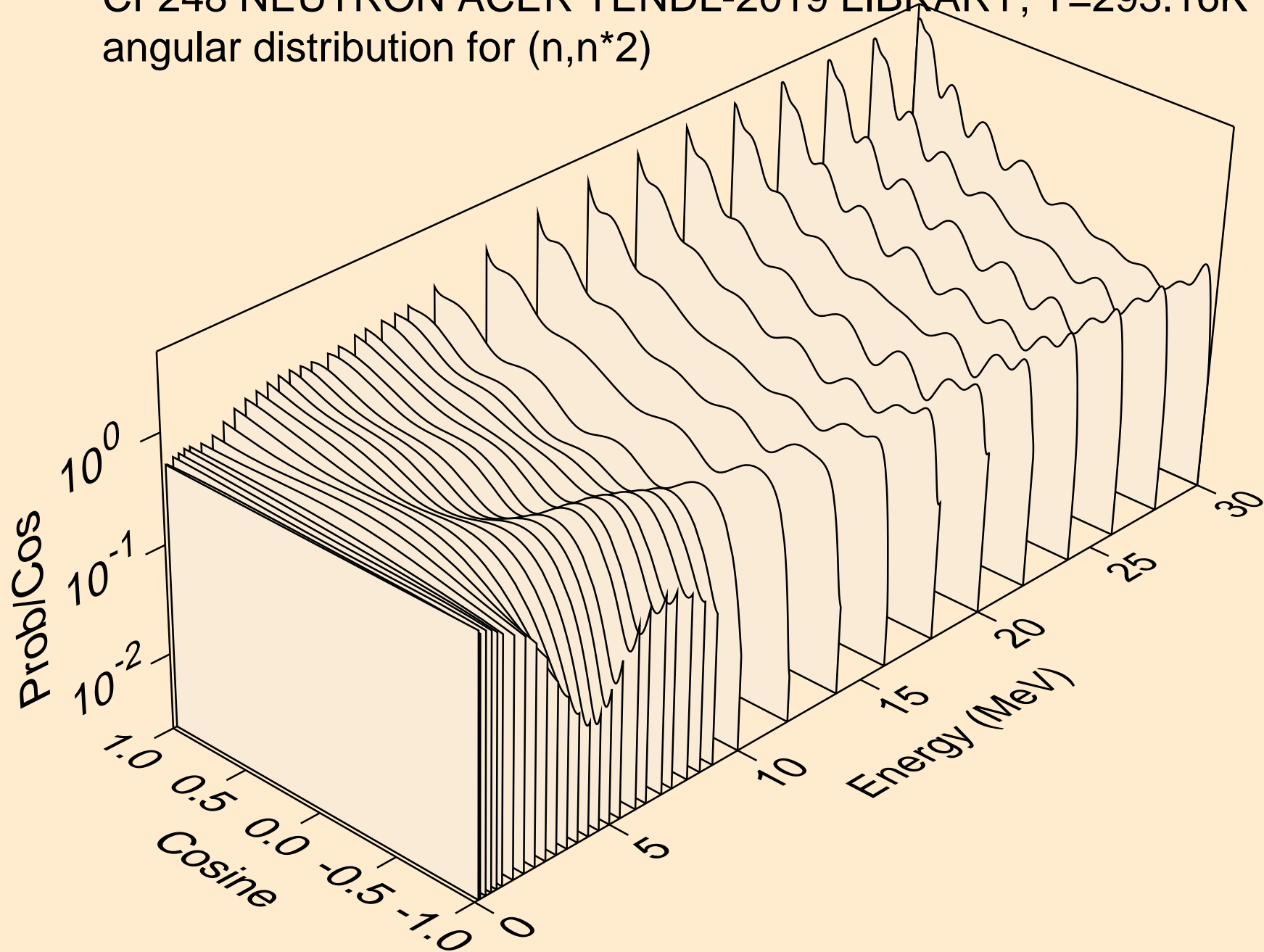
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



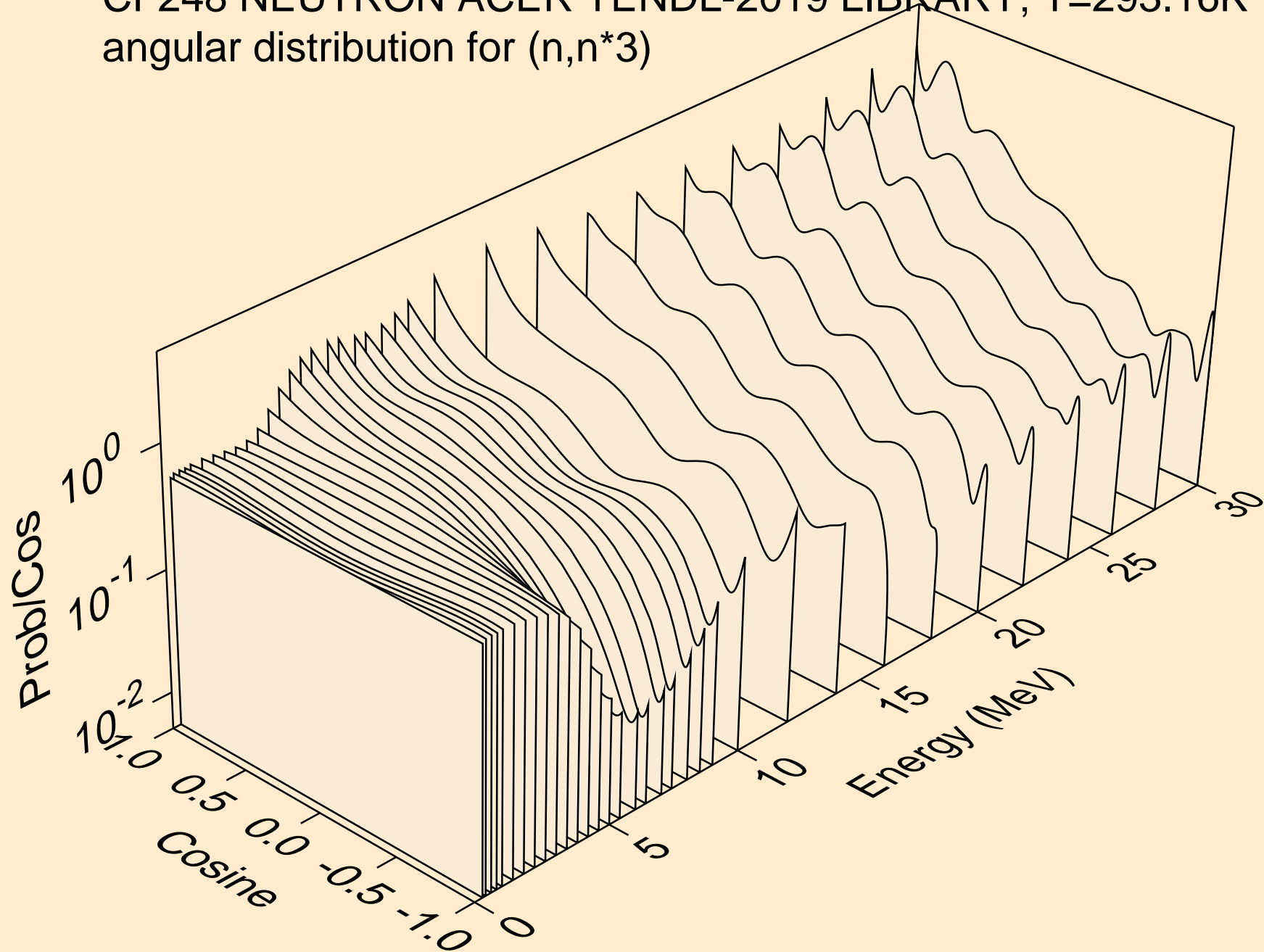
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



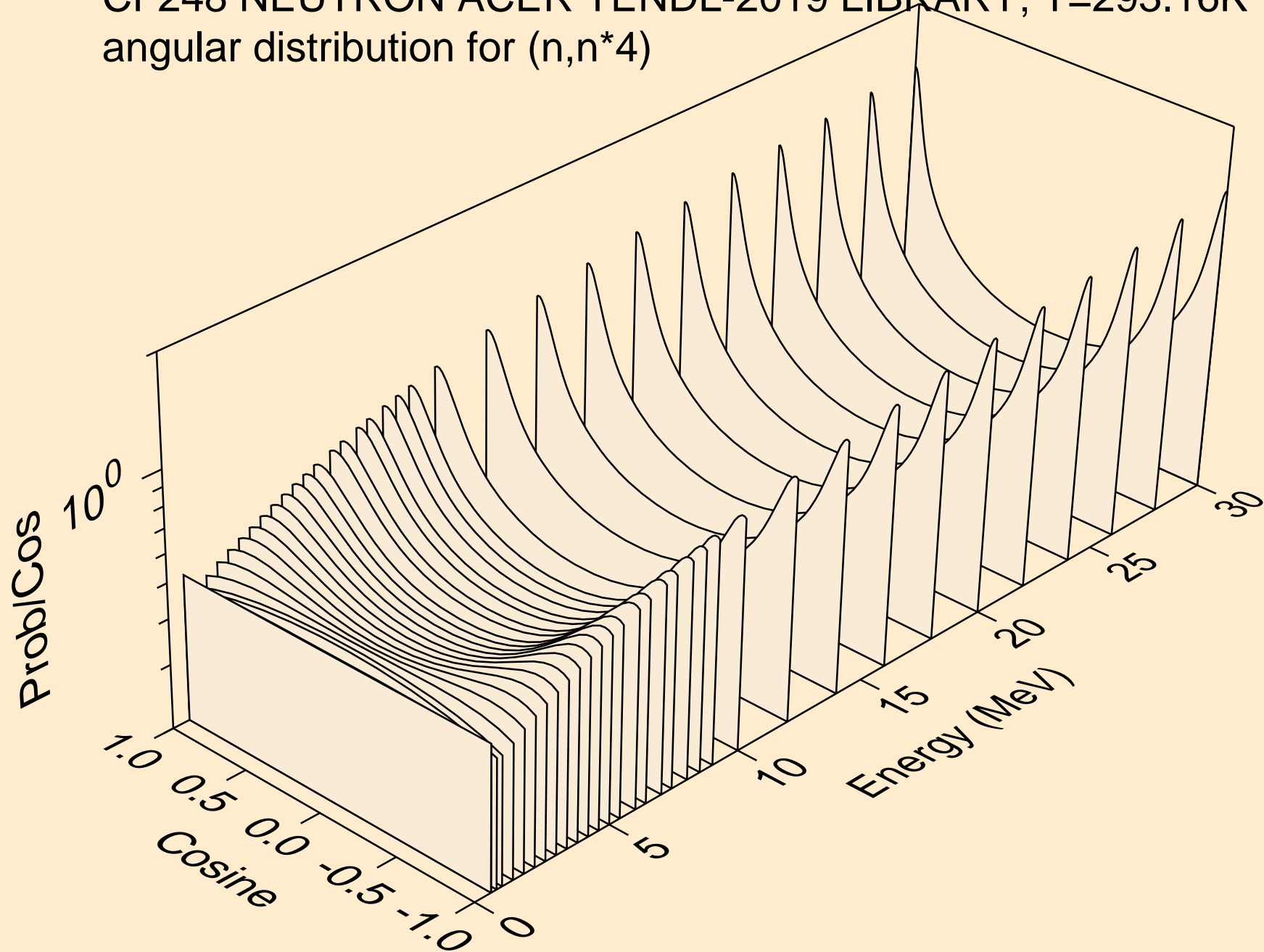
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



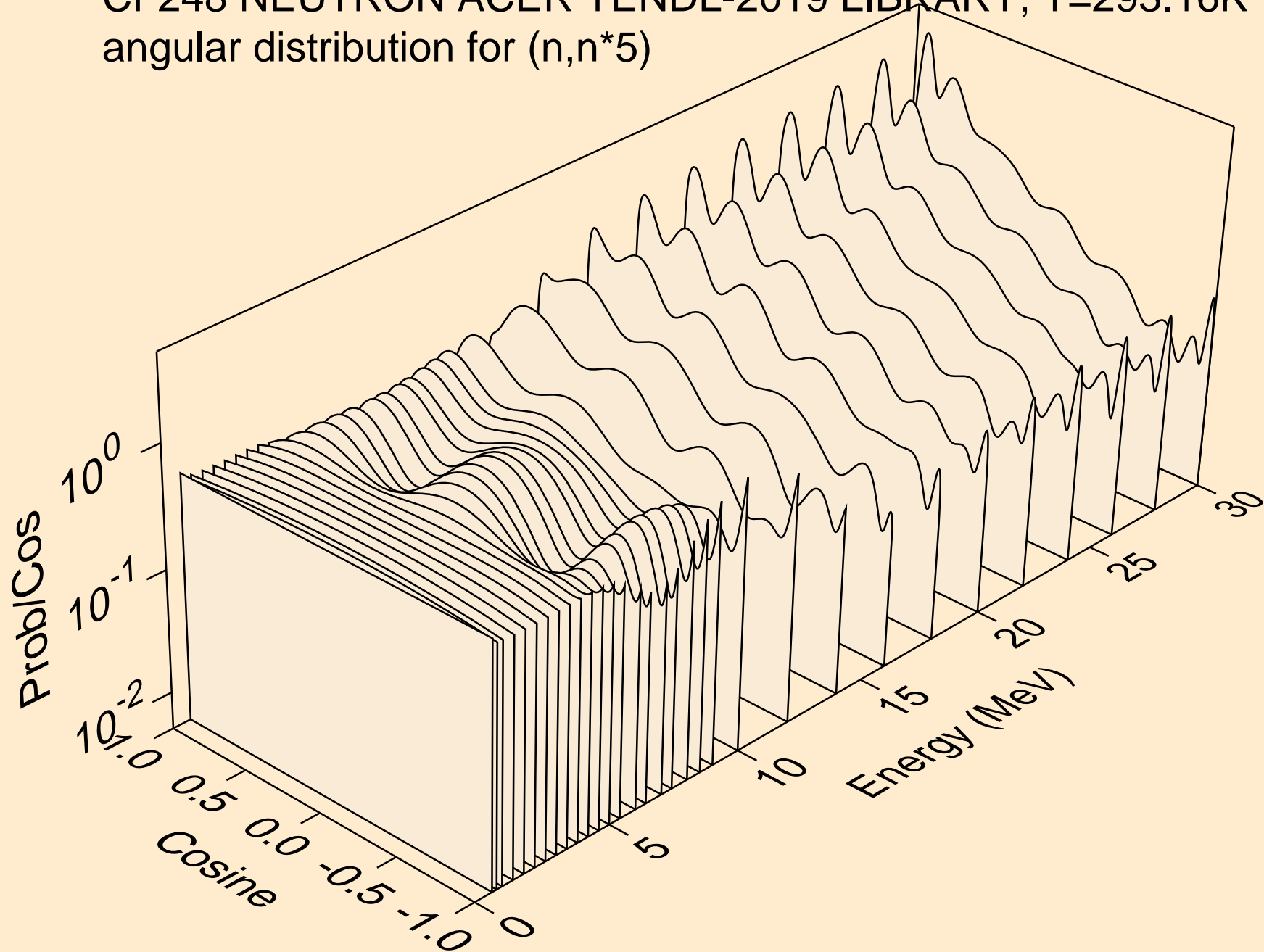
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



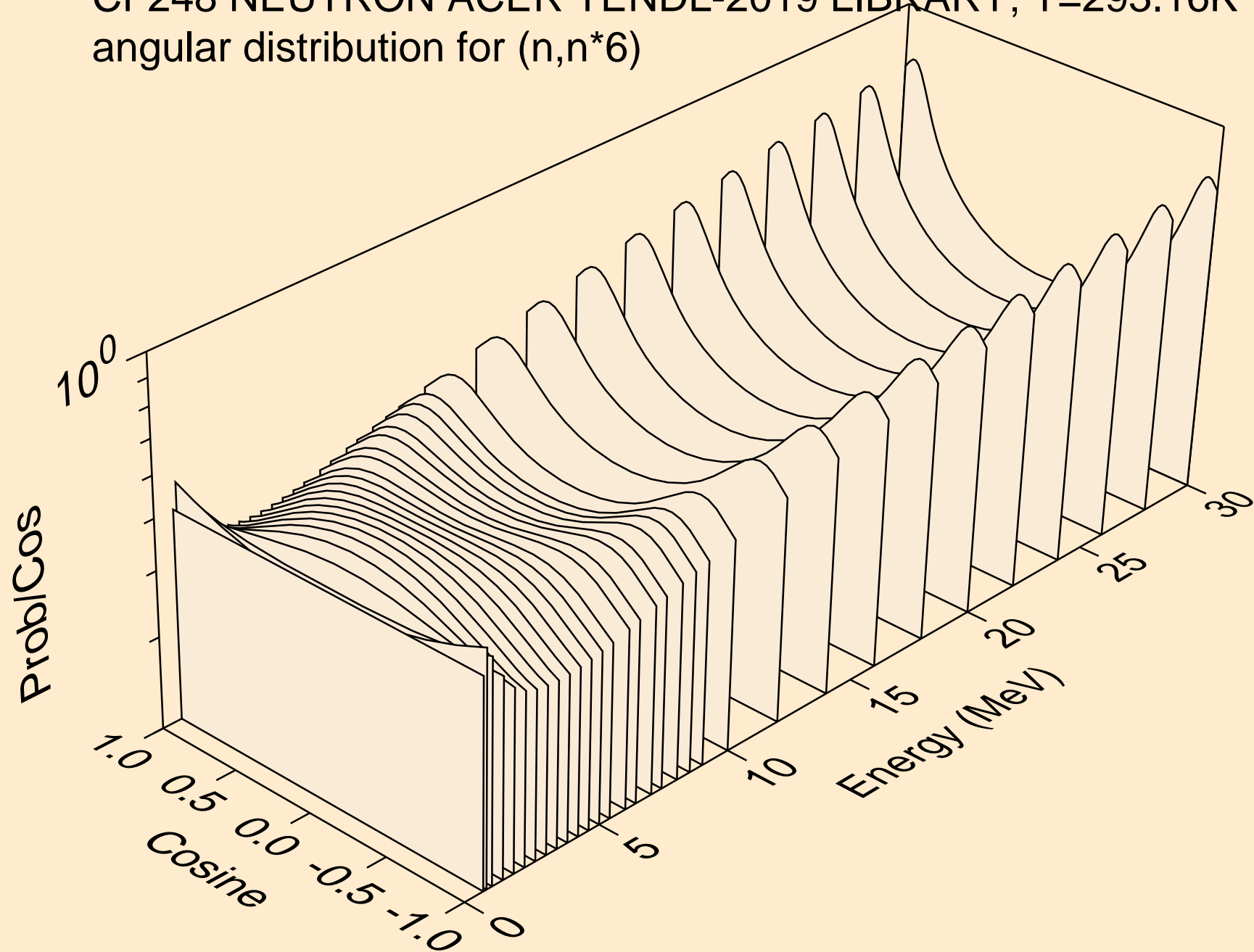
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



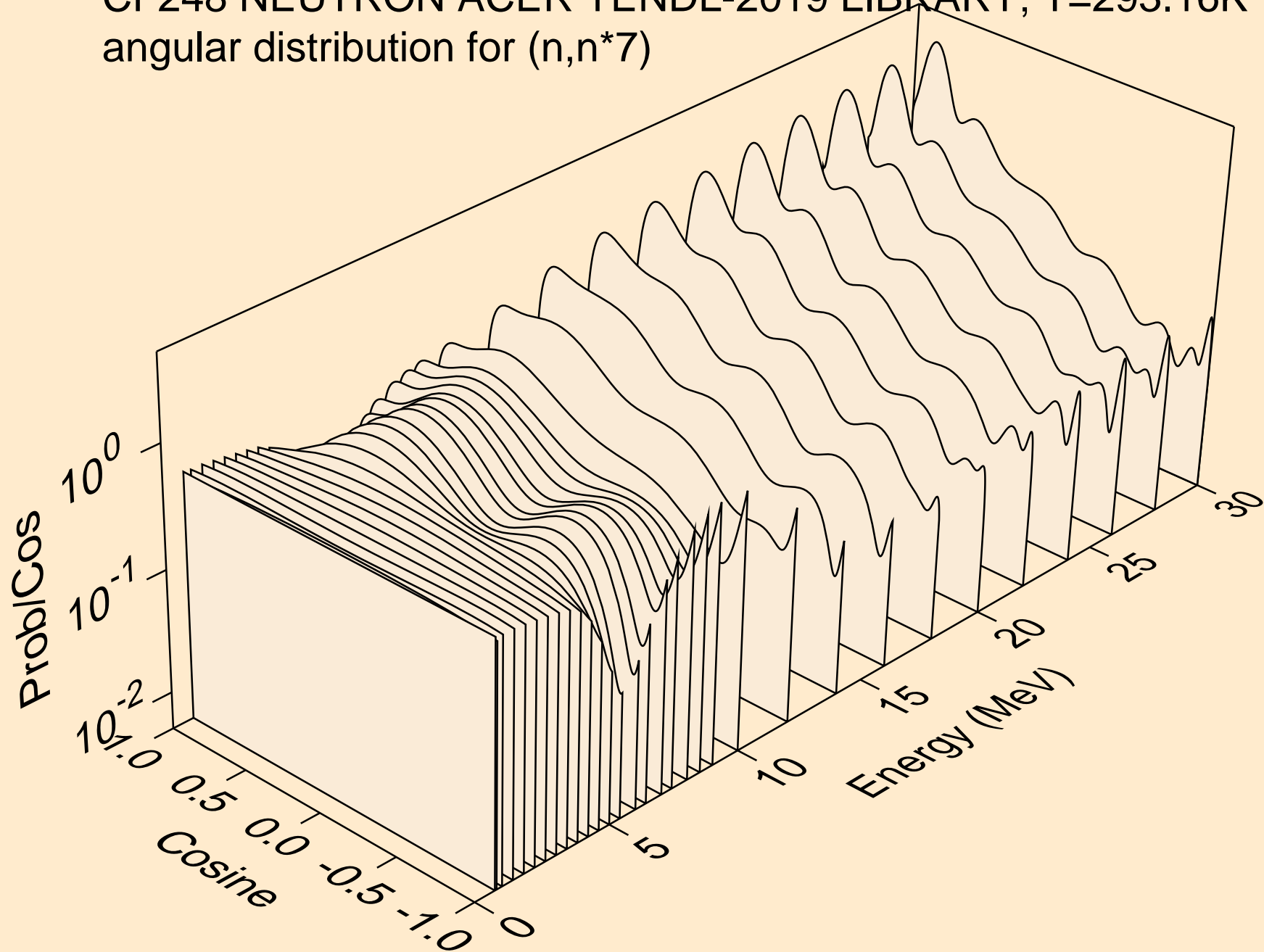
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



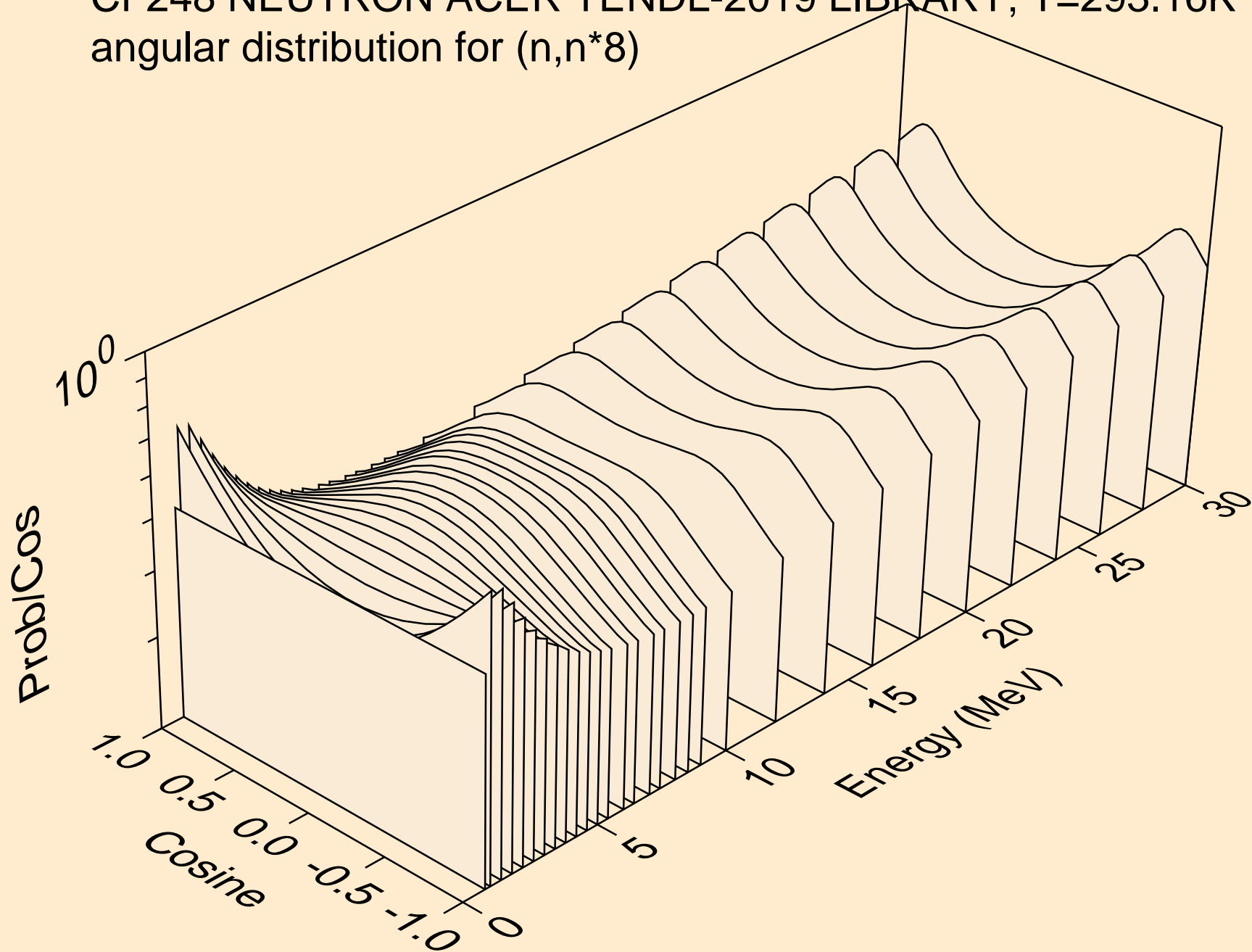
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



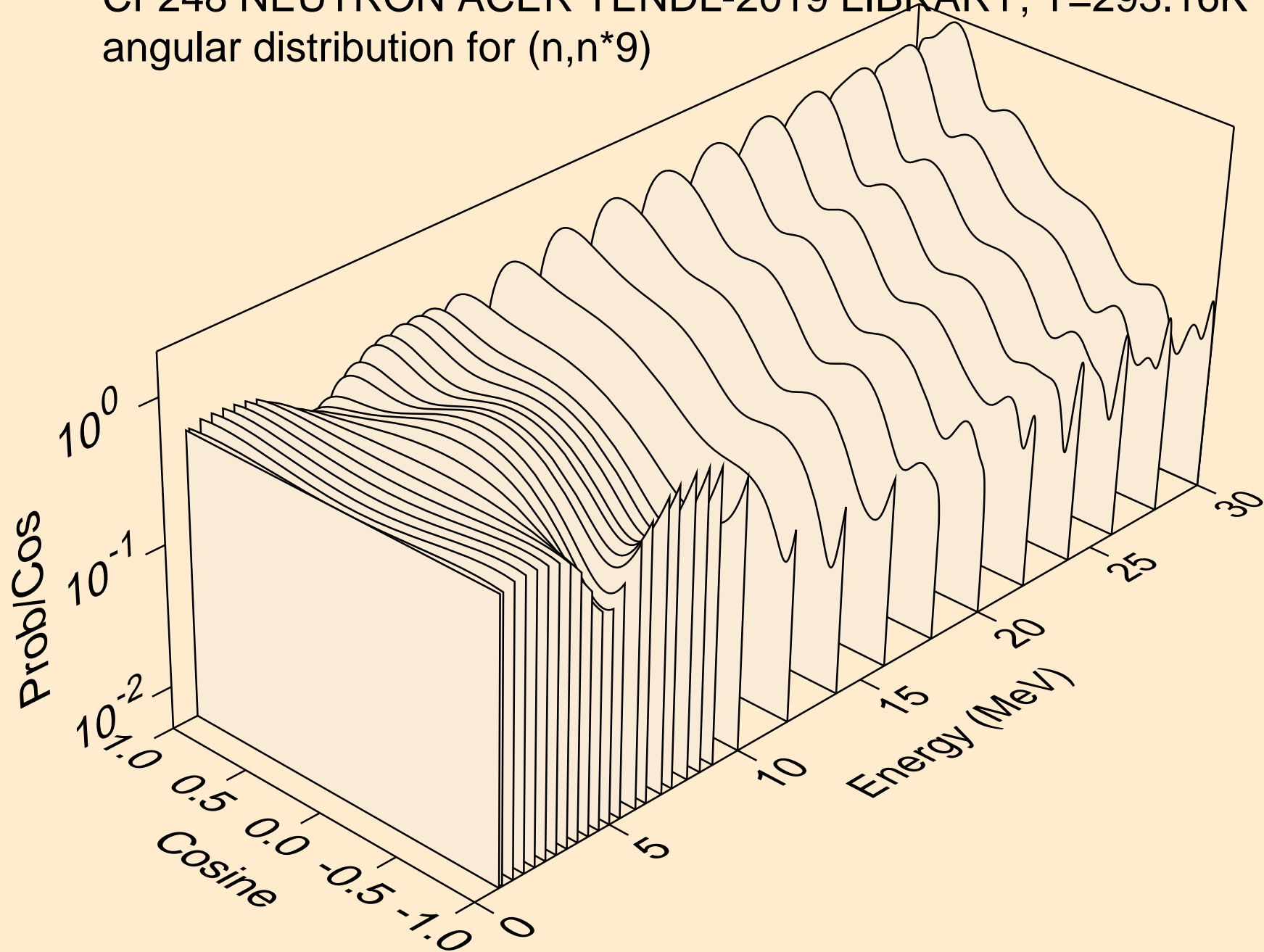
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



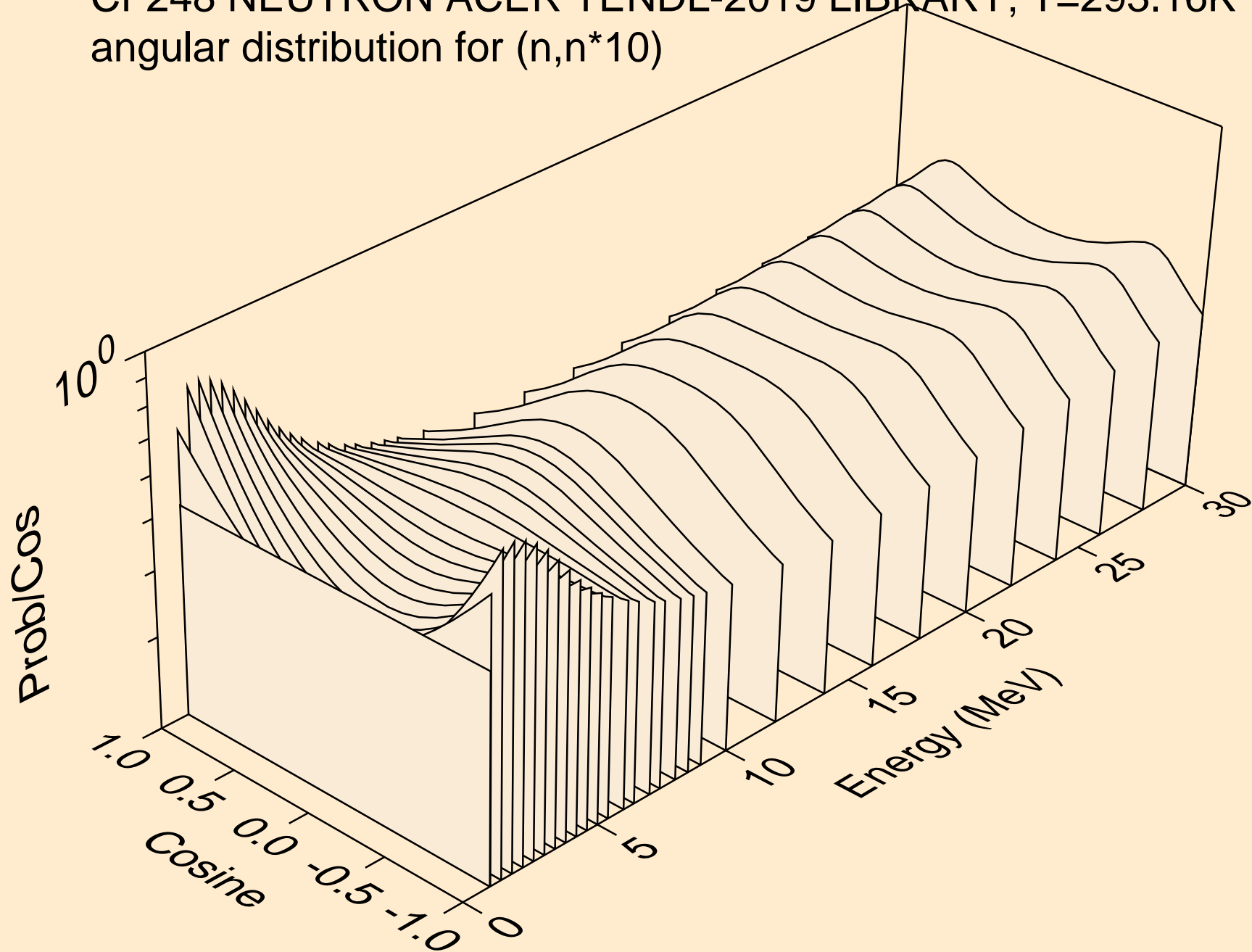
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



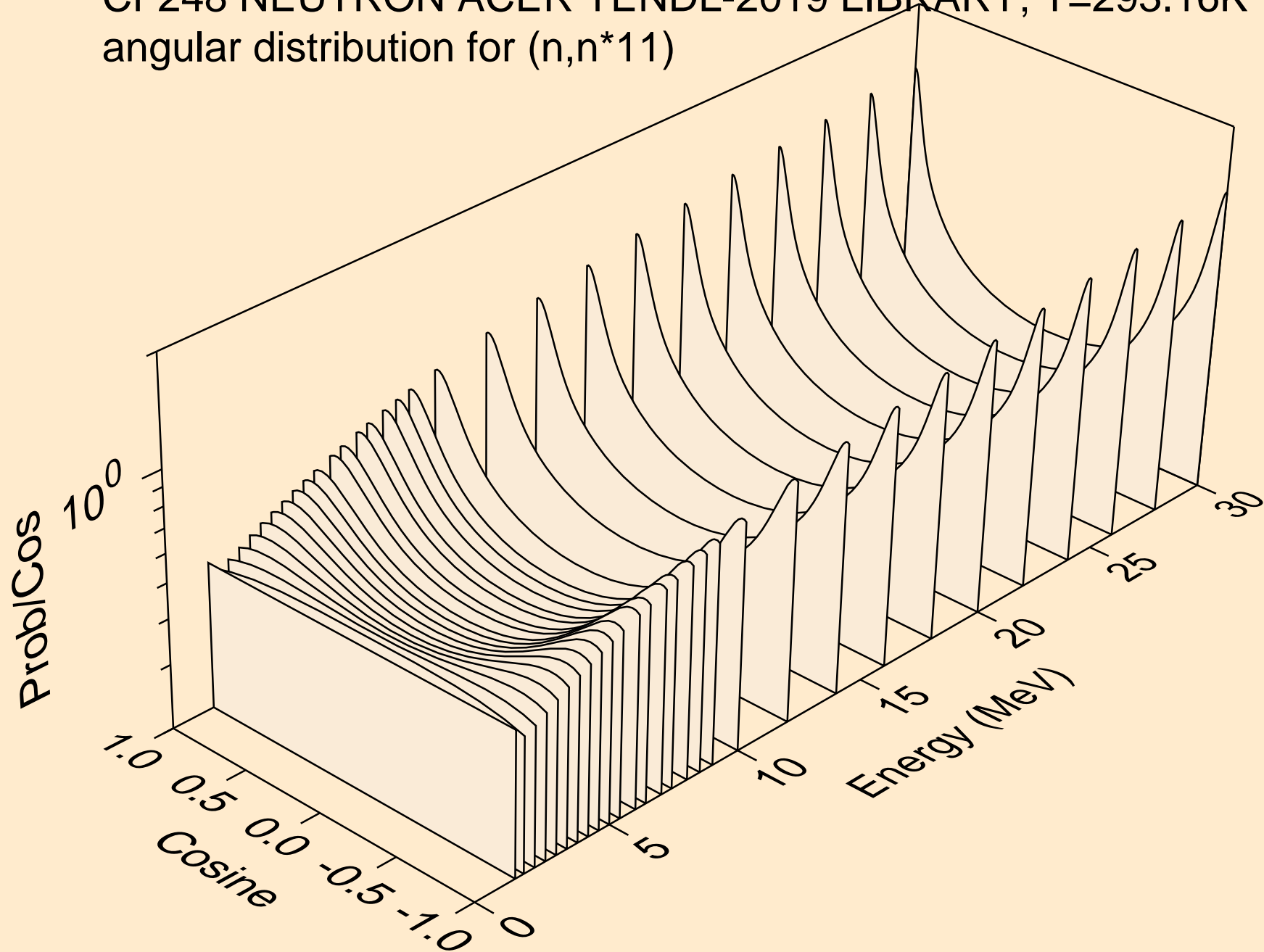
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



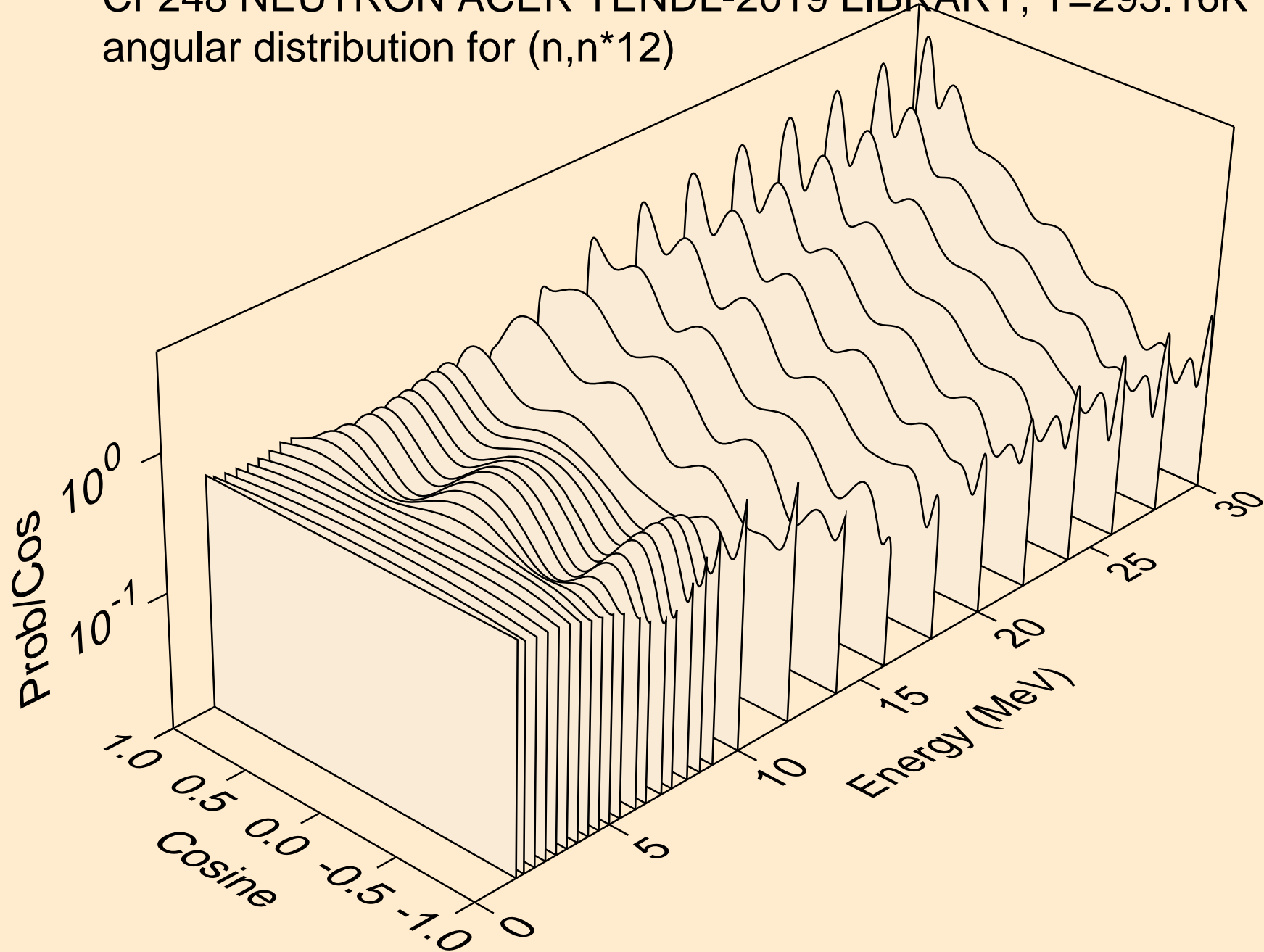
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



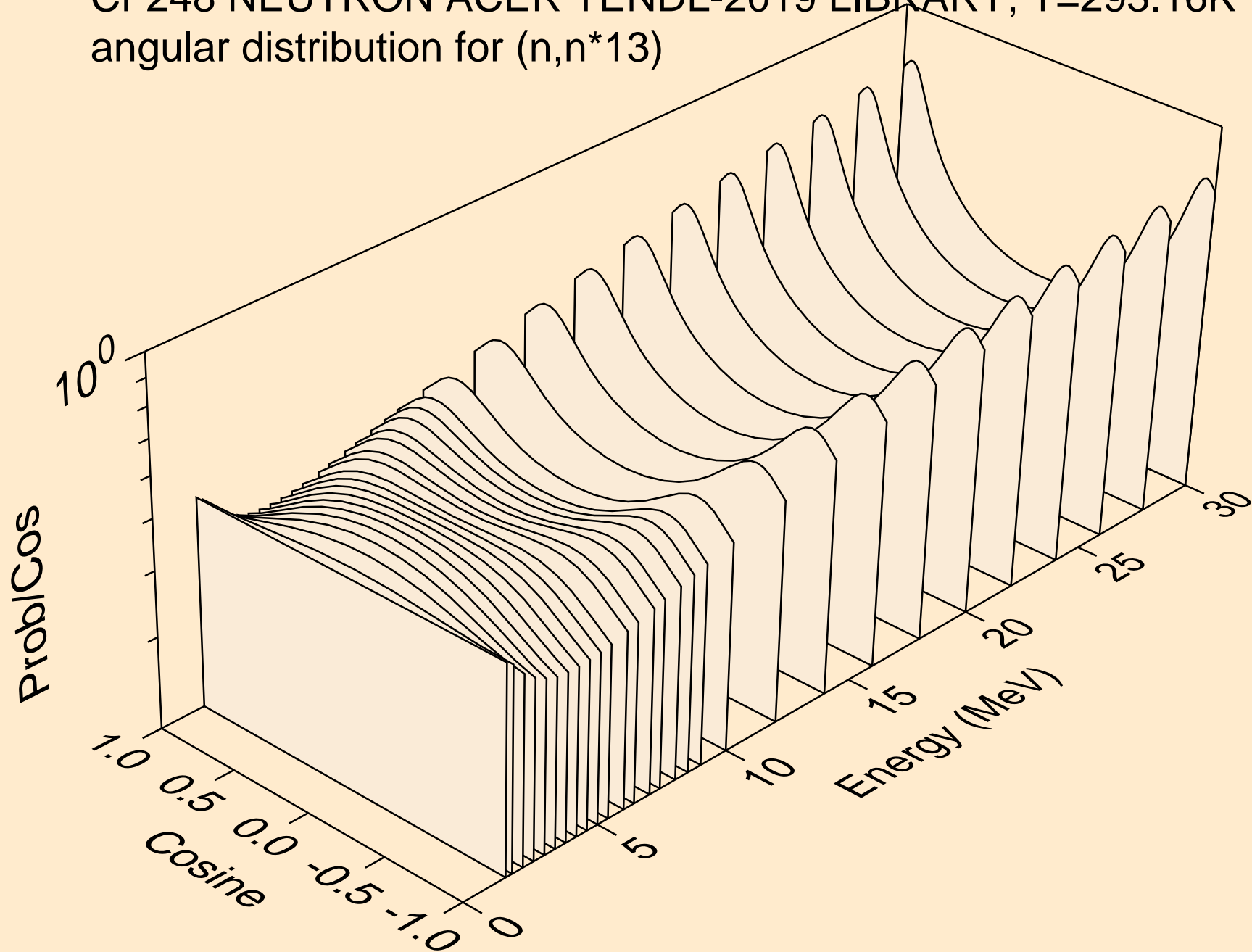
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



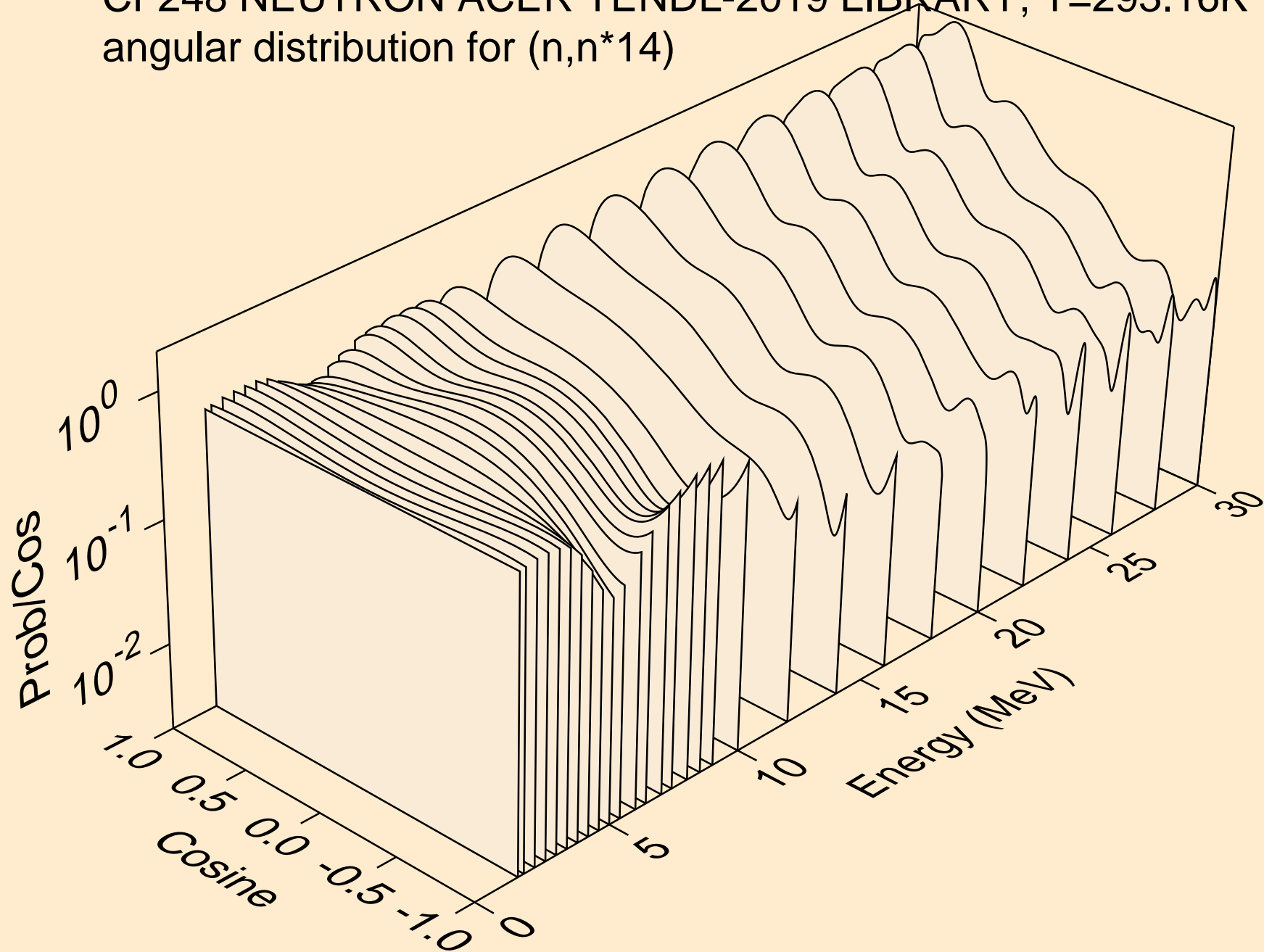
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



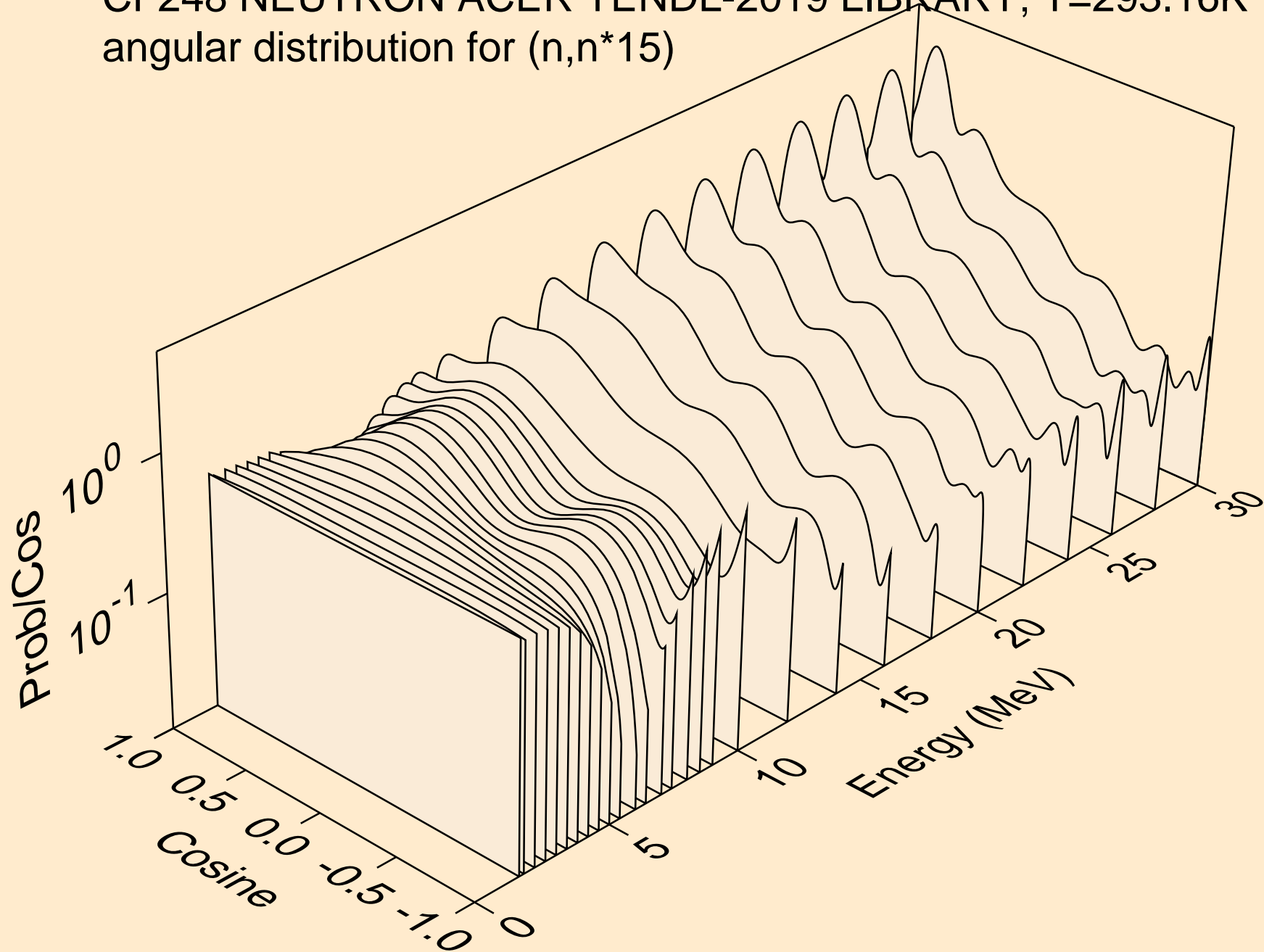
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



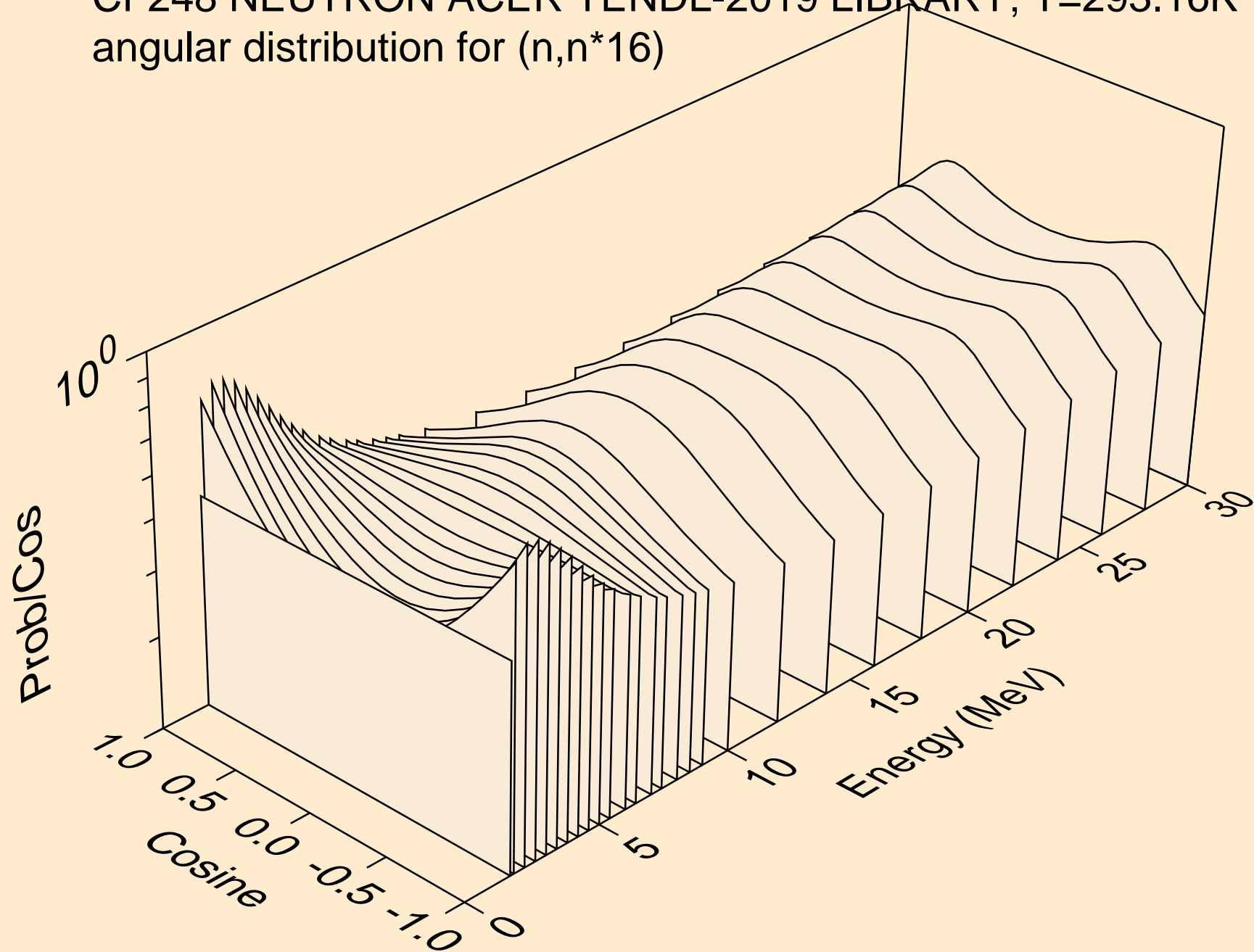
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



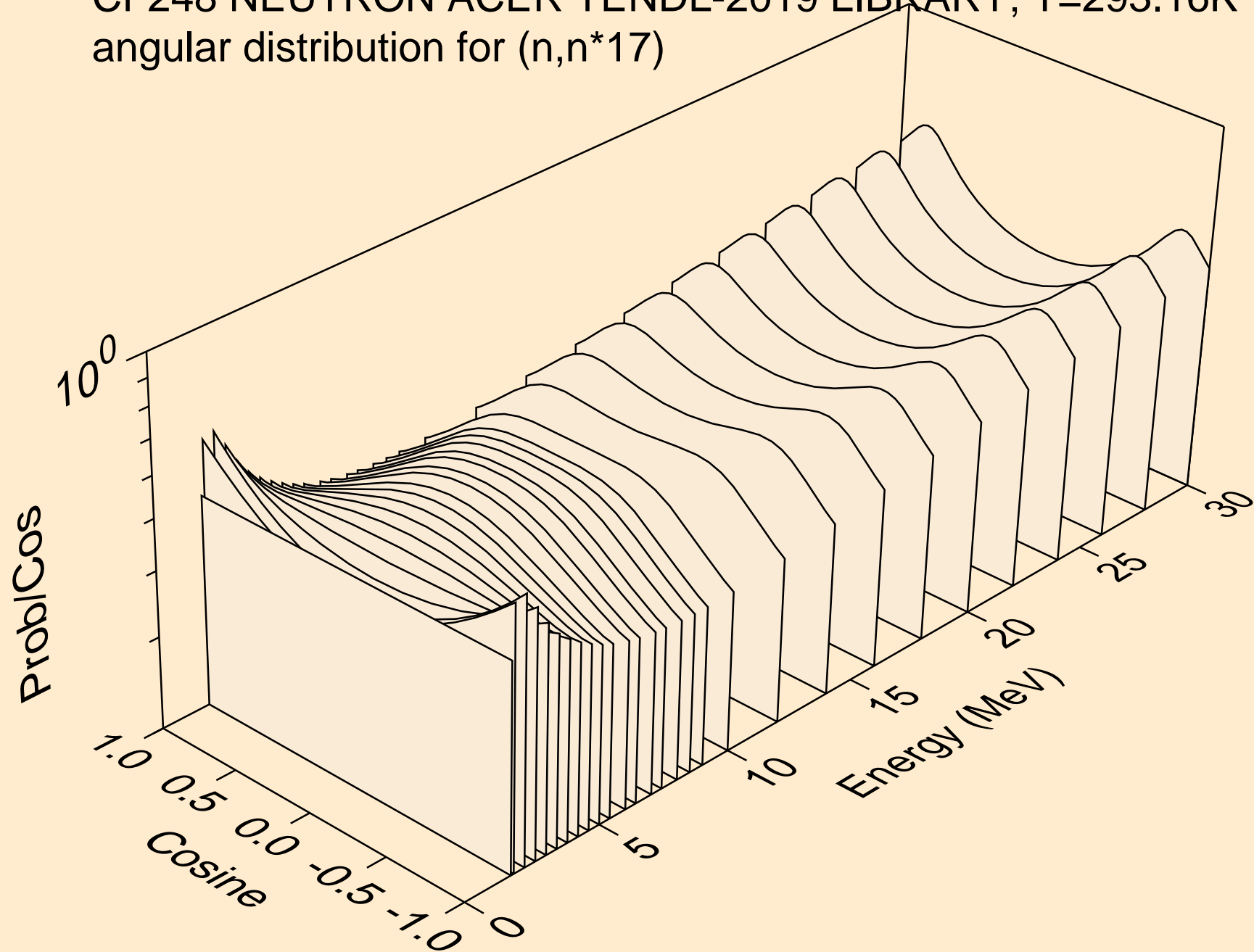
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



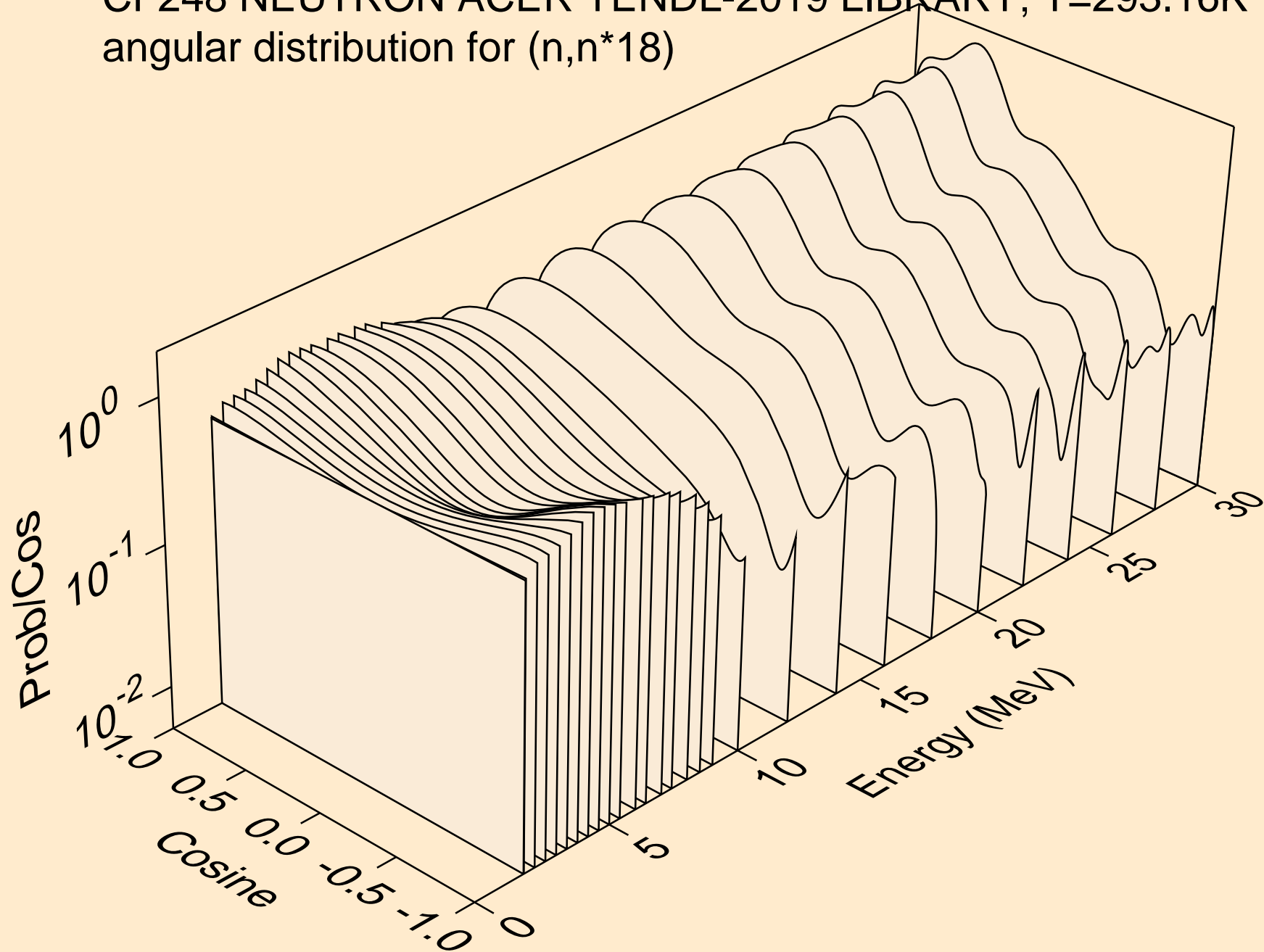
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angular distribution for (n,n*16)



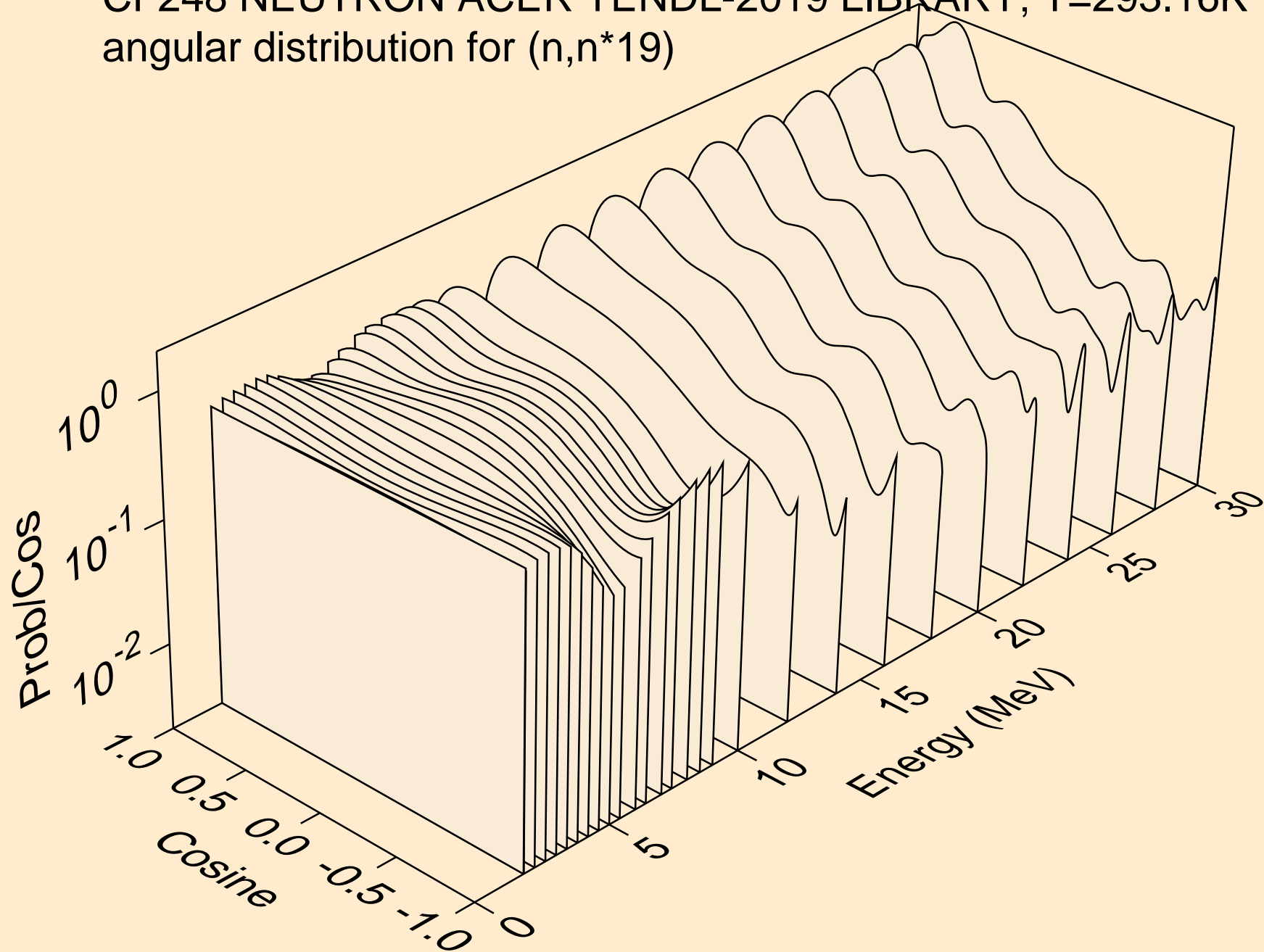
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



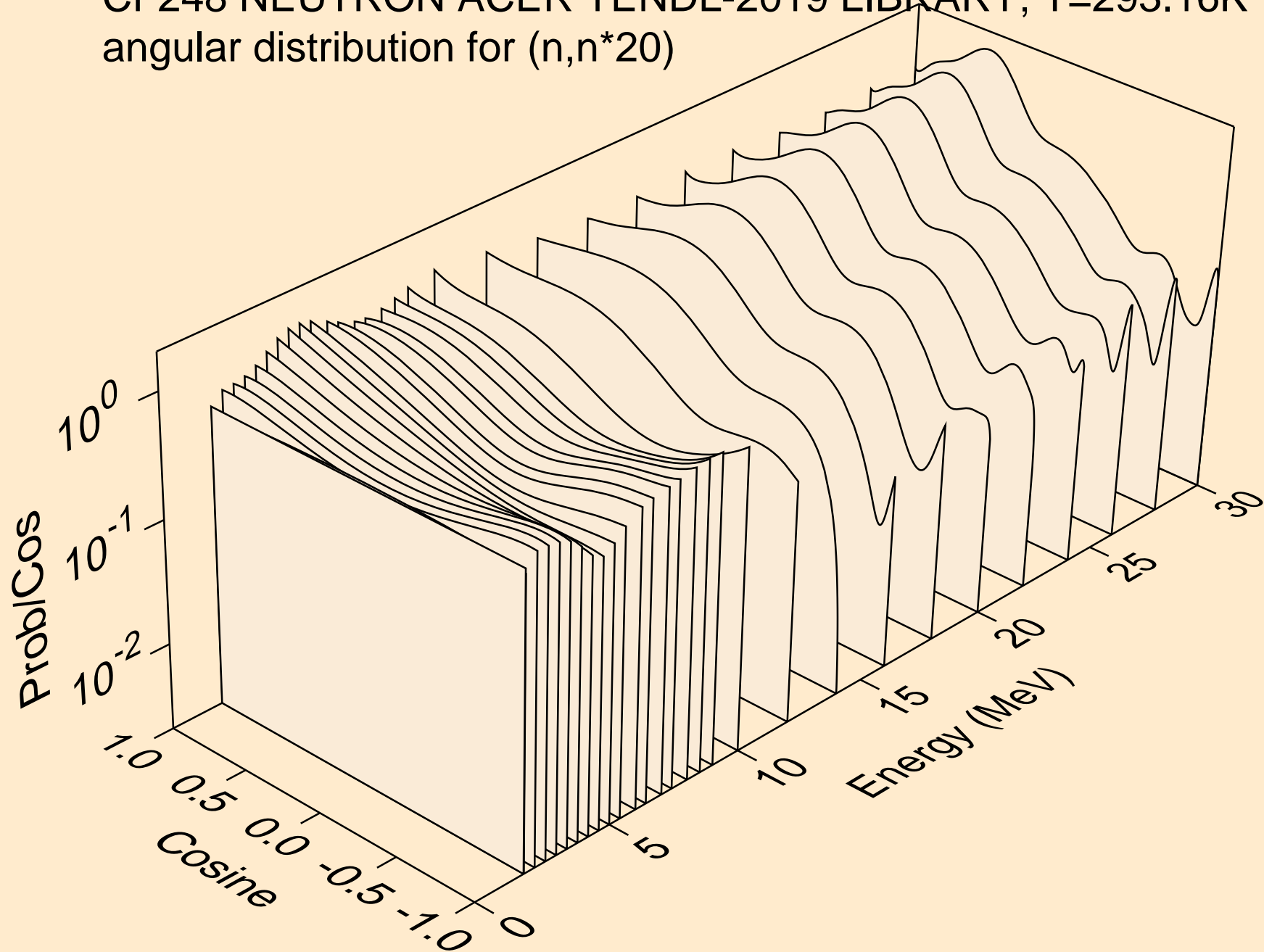
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angular distribution for (n,n*18)



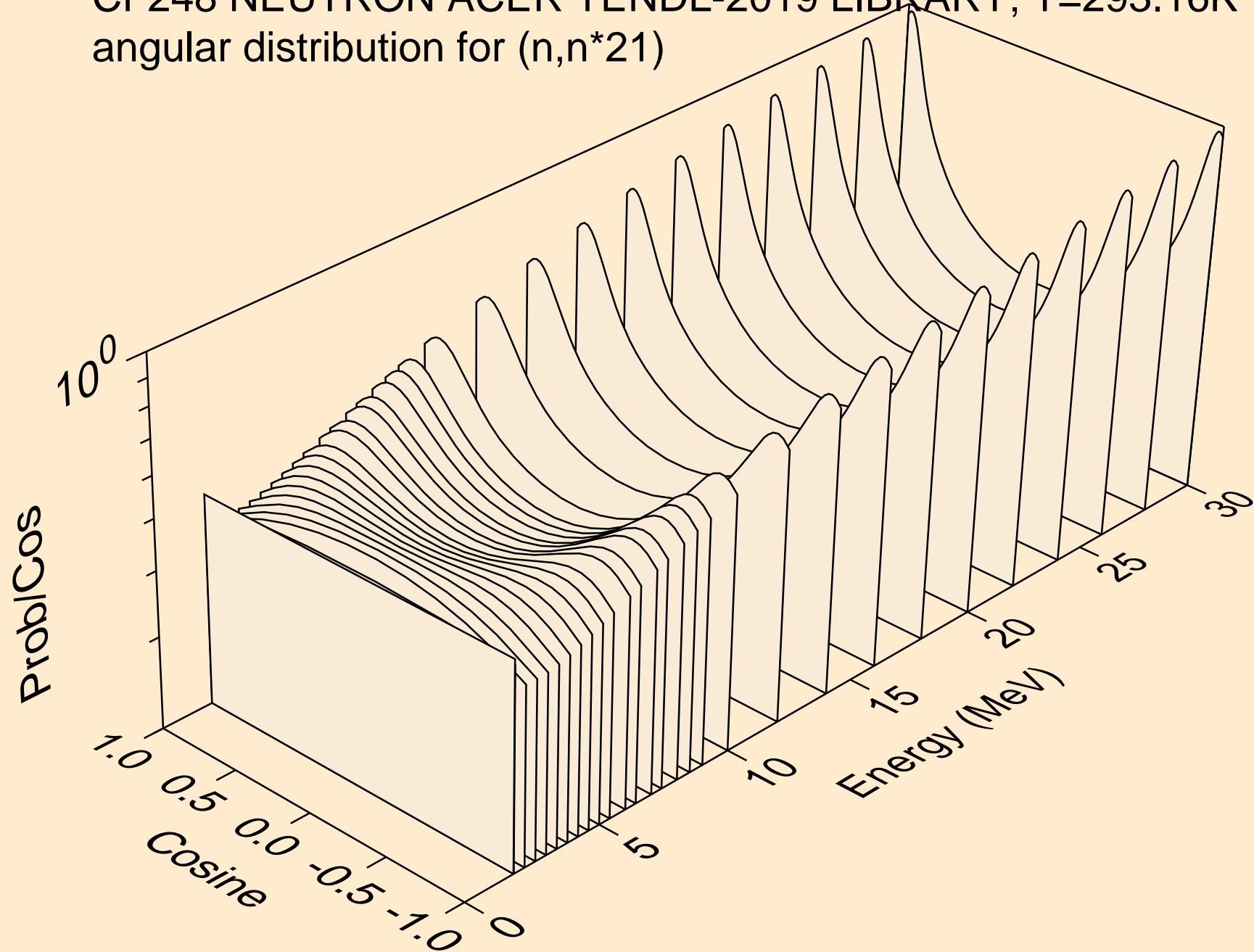
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angular distribution for (n,n*19)



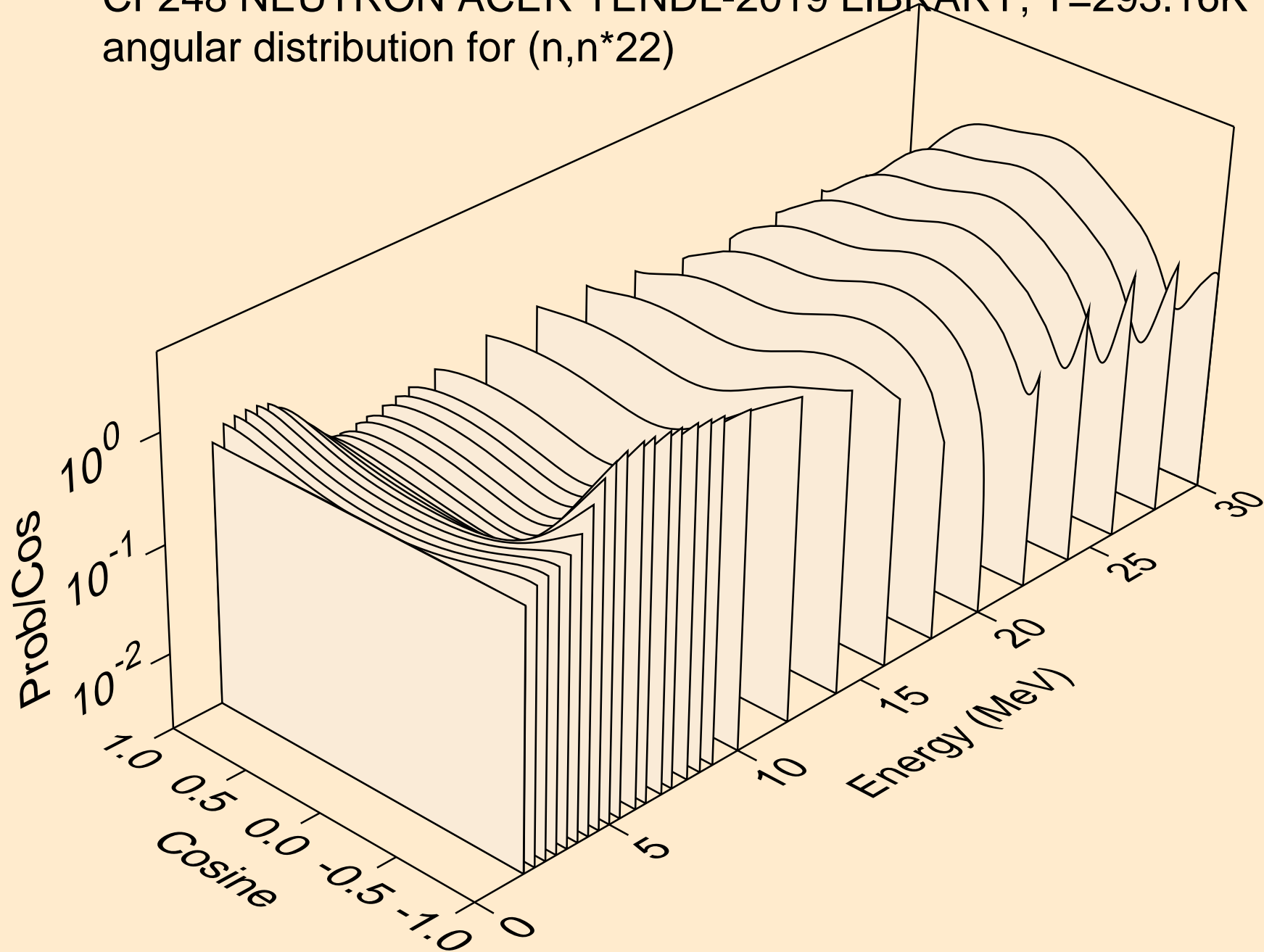
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



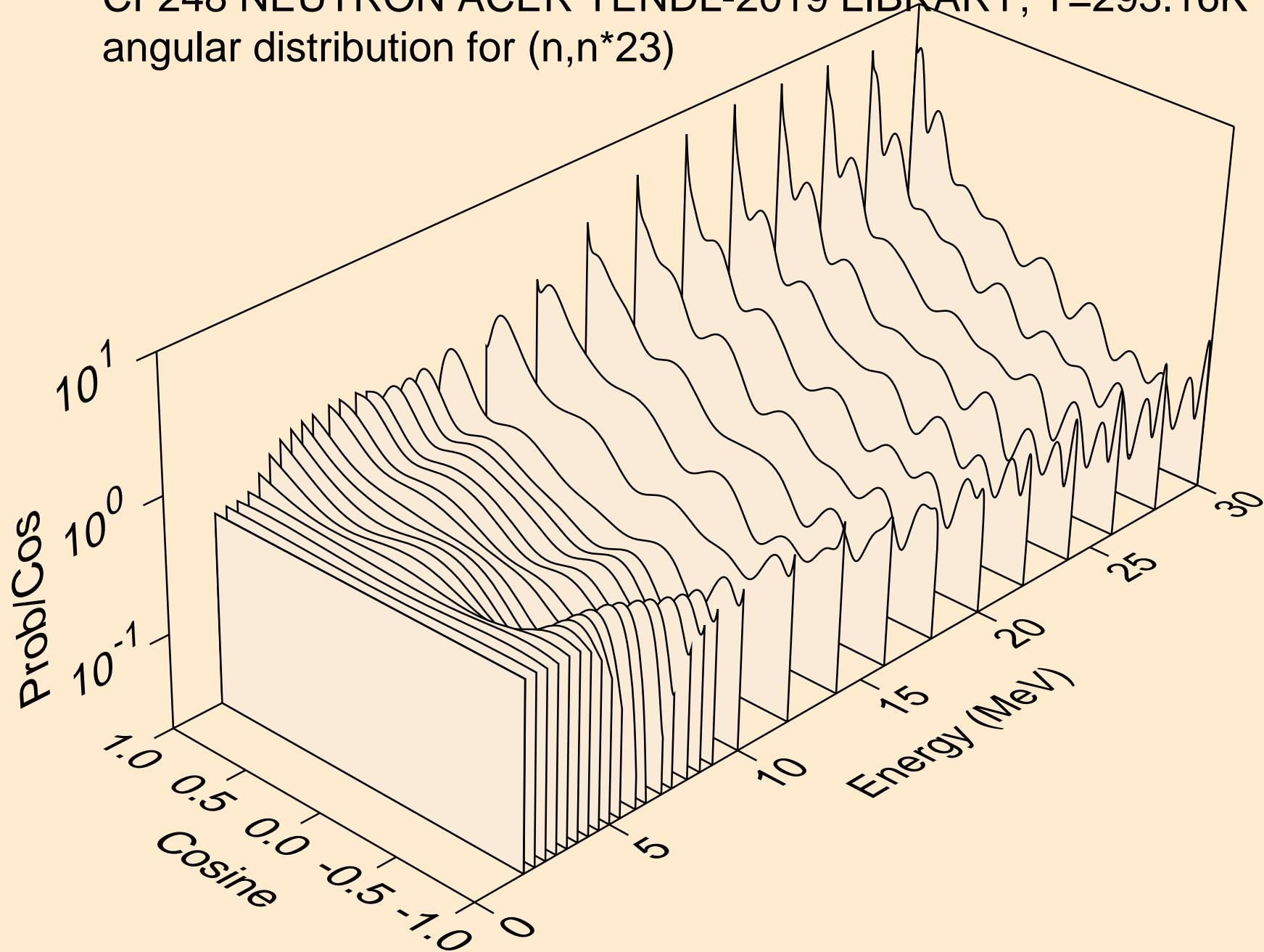
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



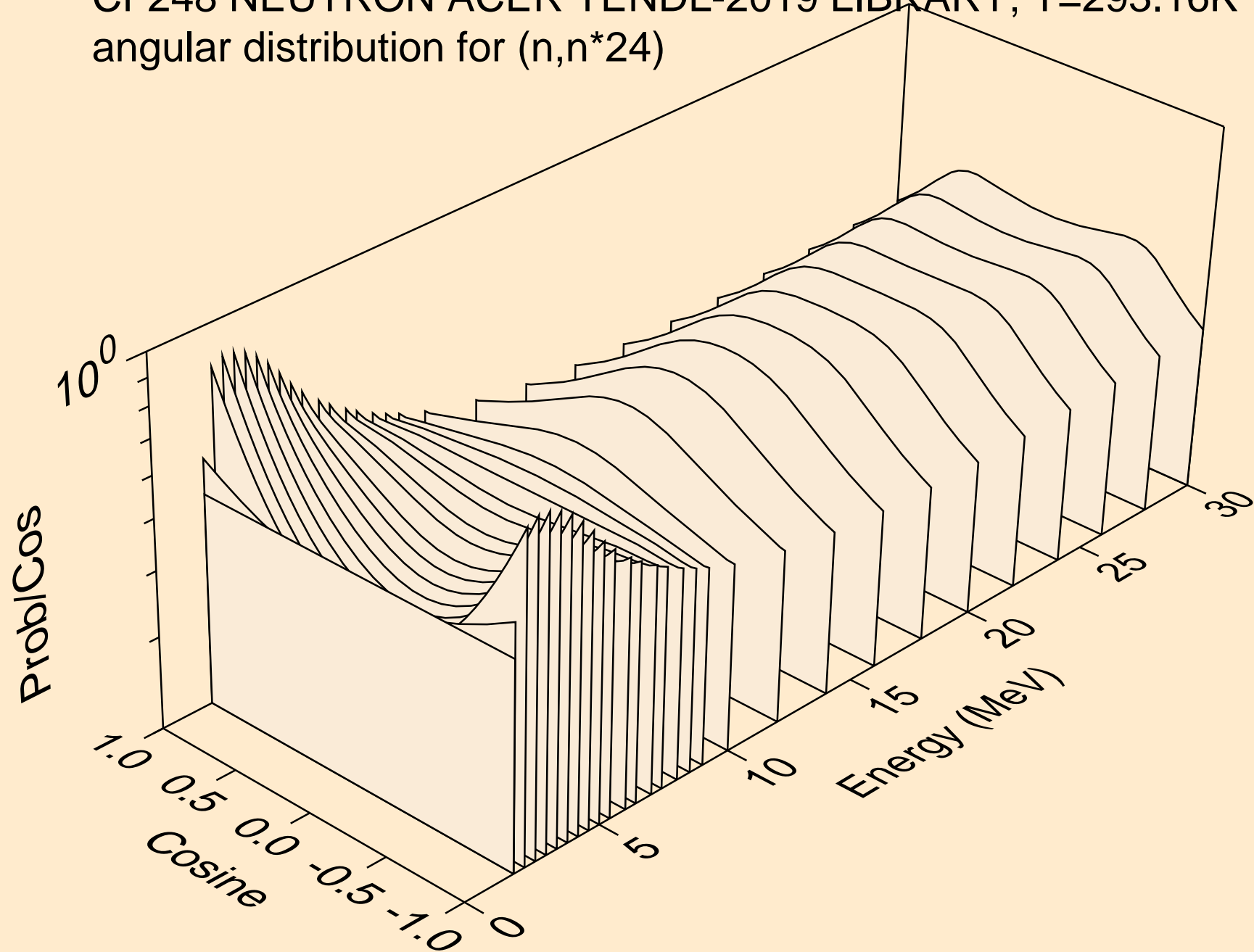
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



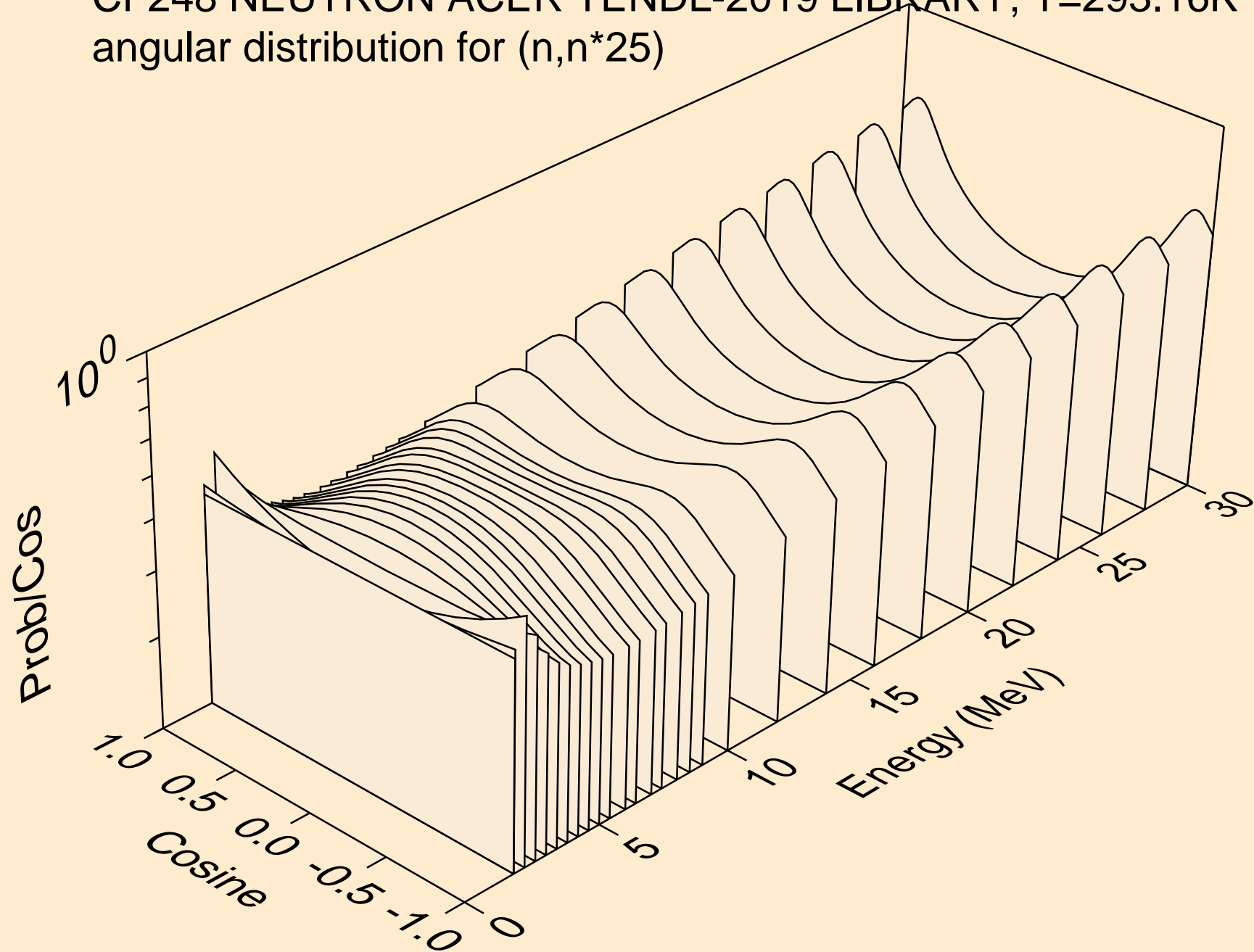
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angular distribution for (n,n*23)



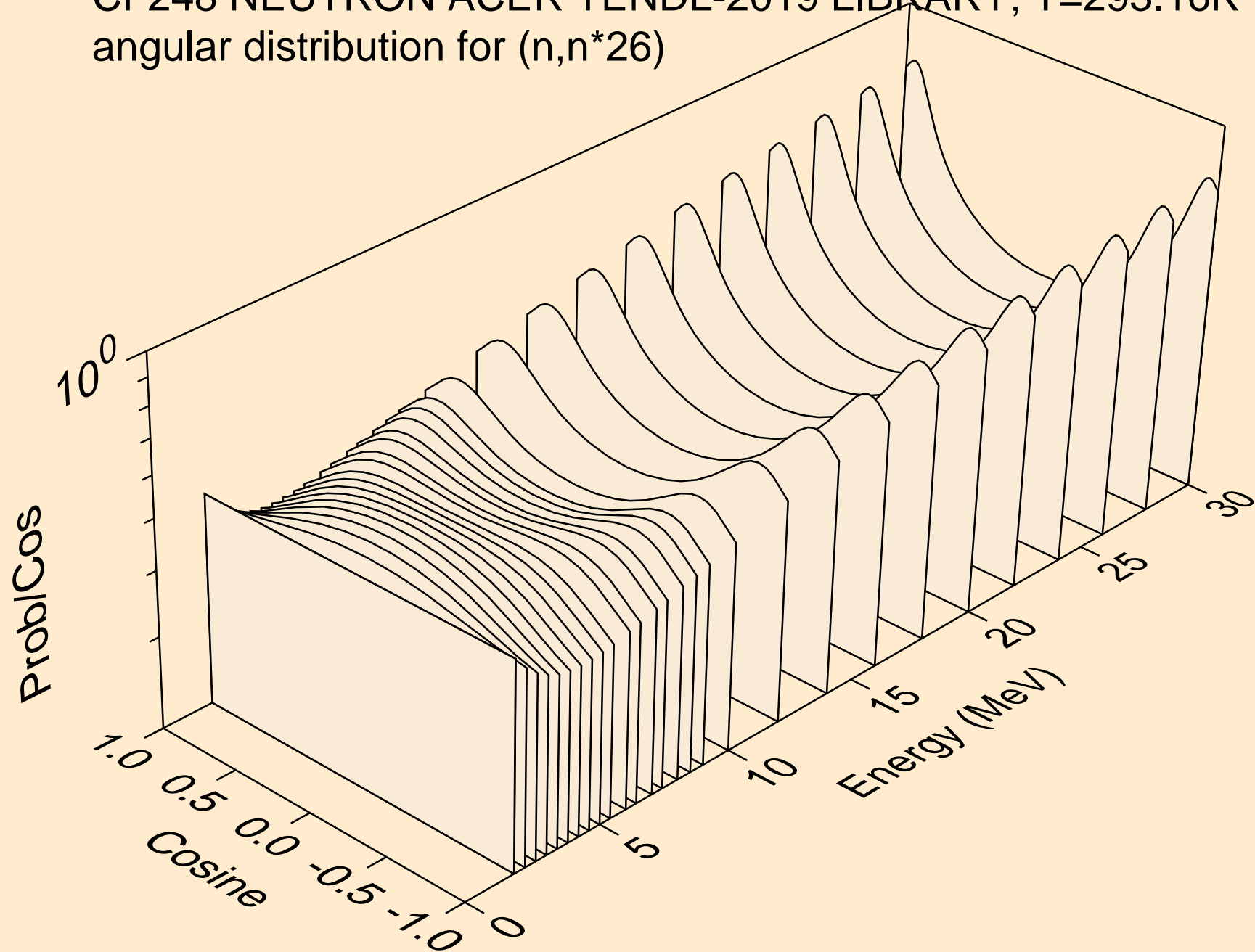
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



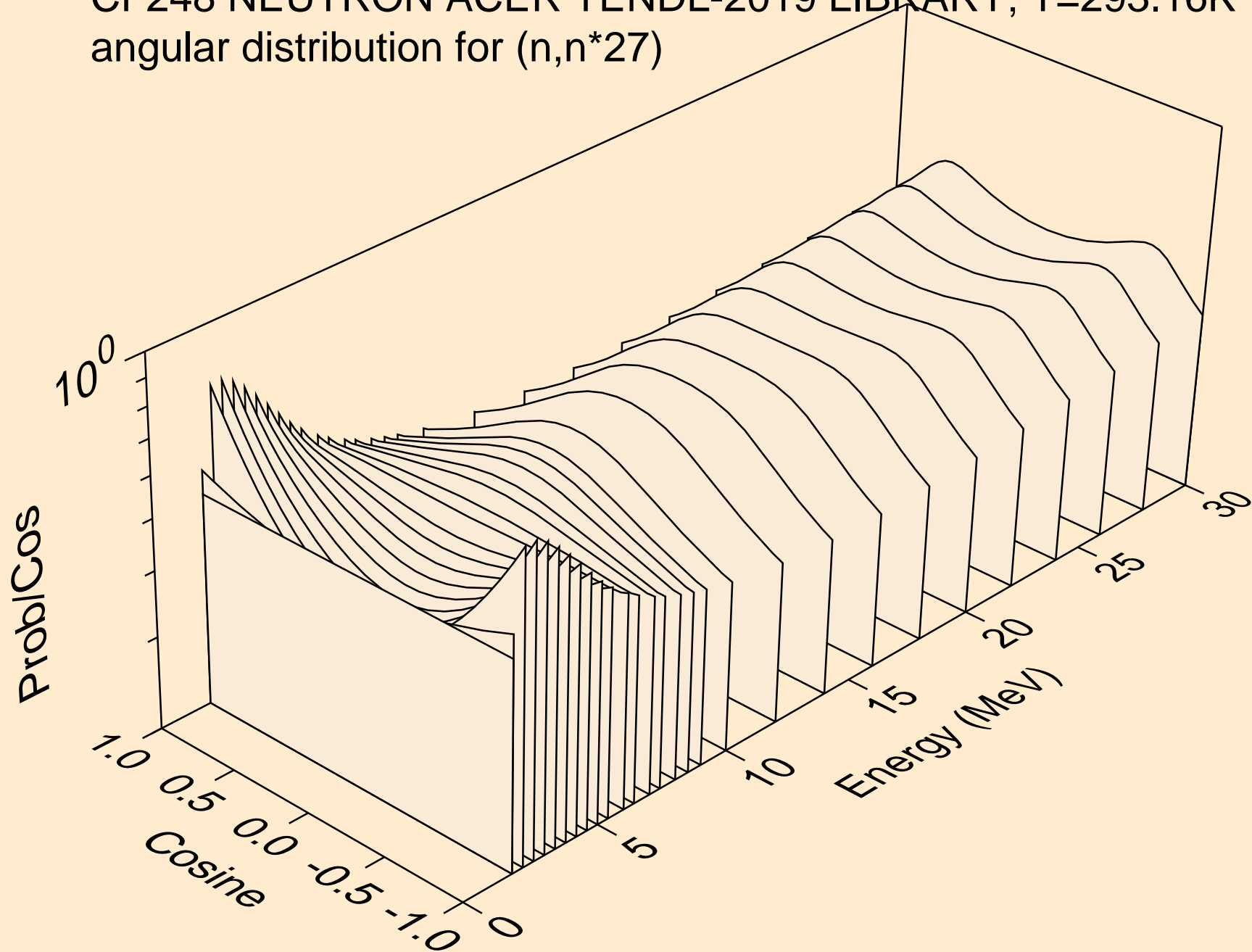
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



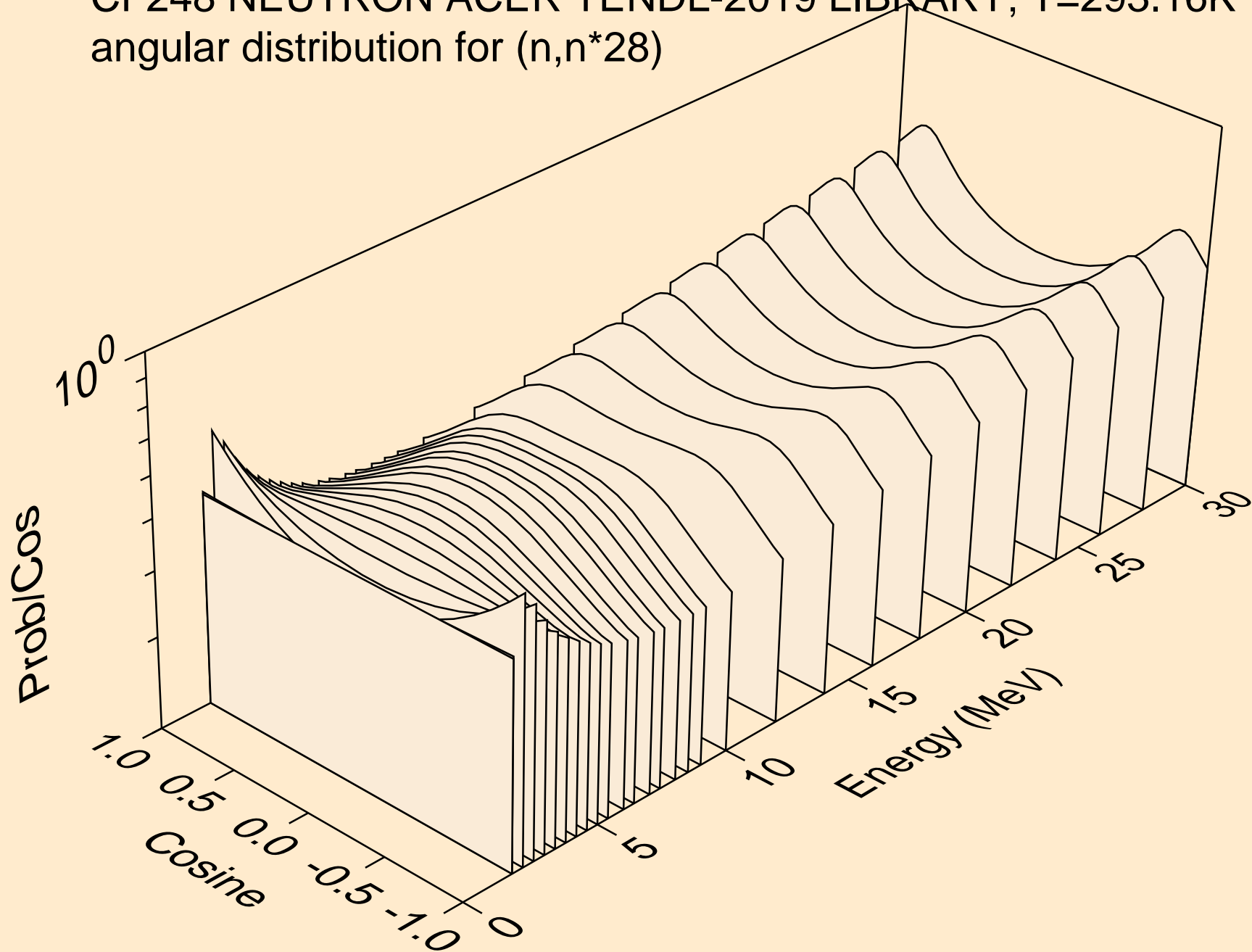
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



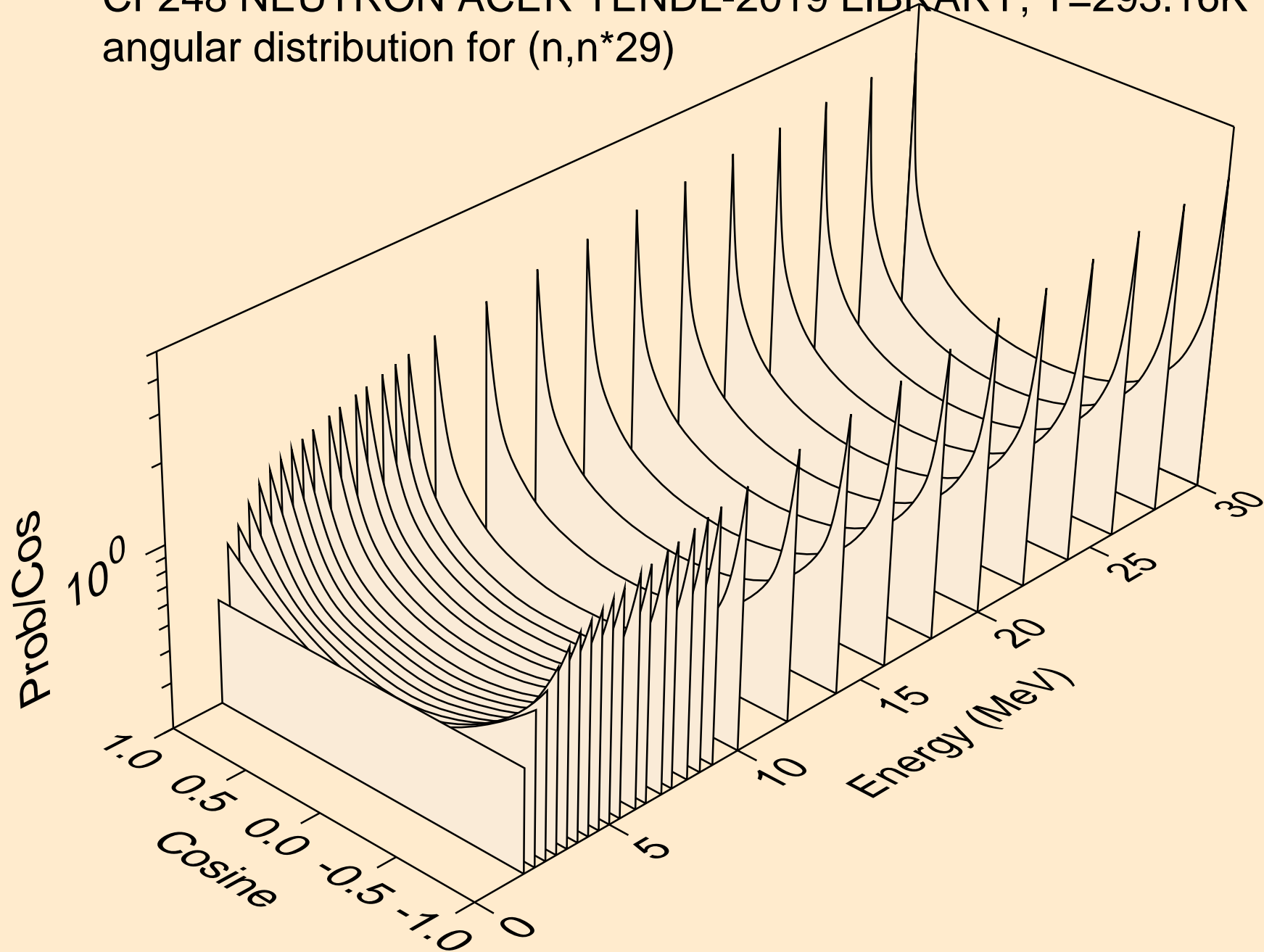
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



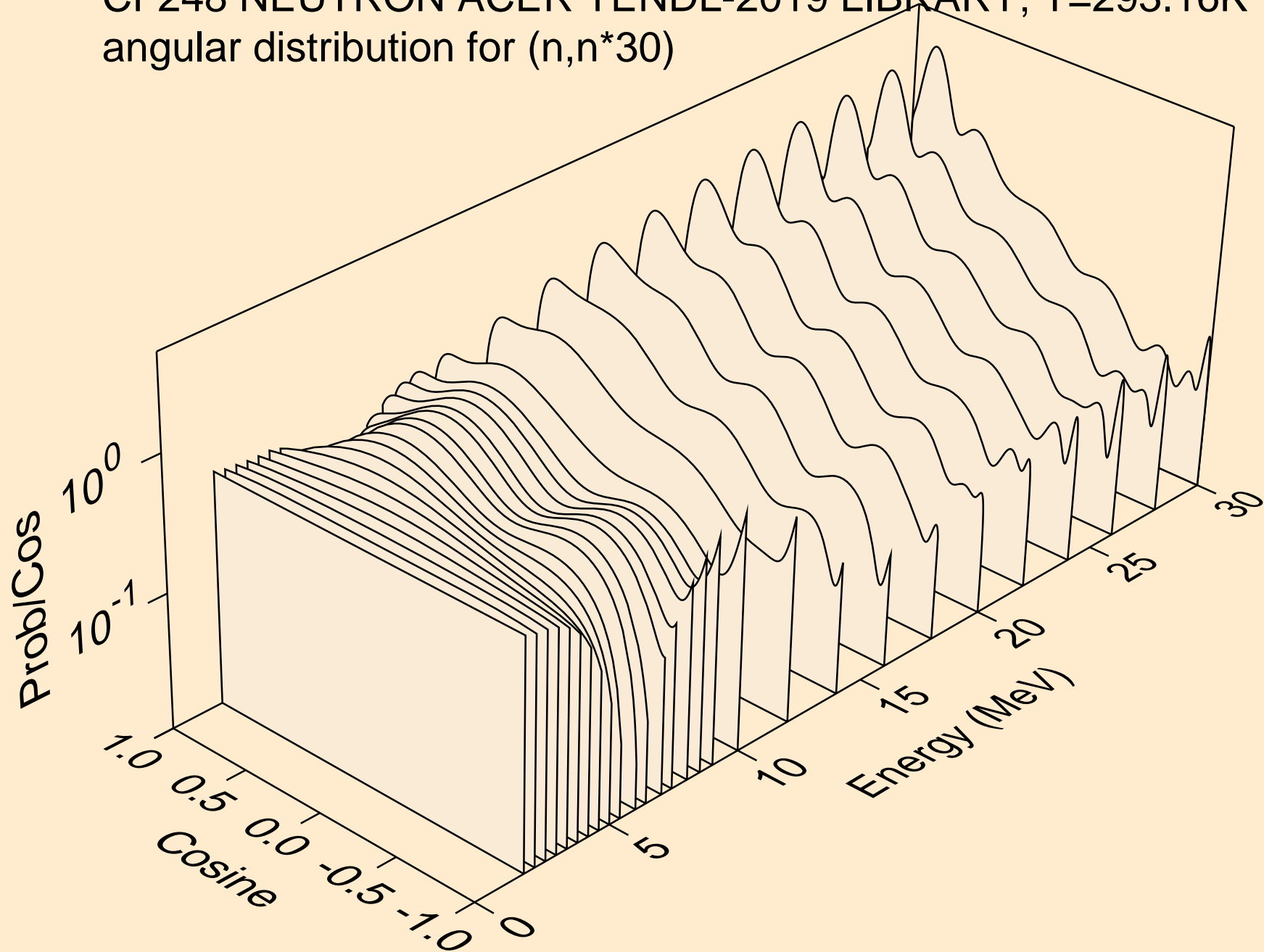
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



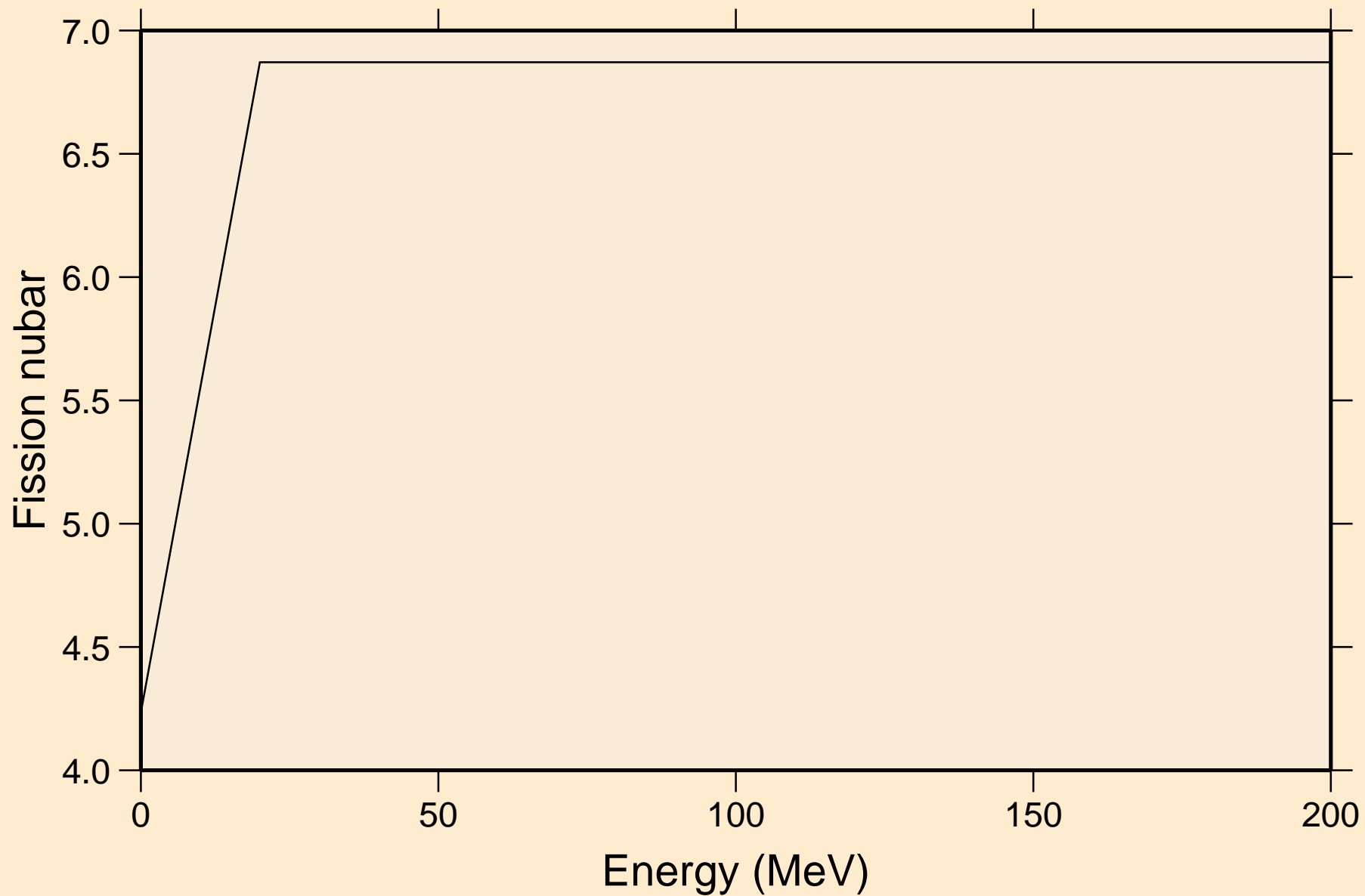
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



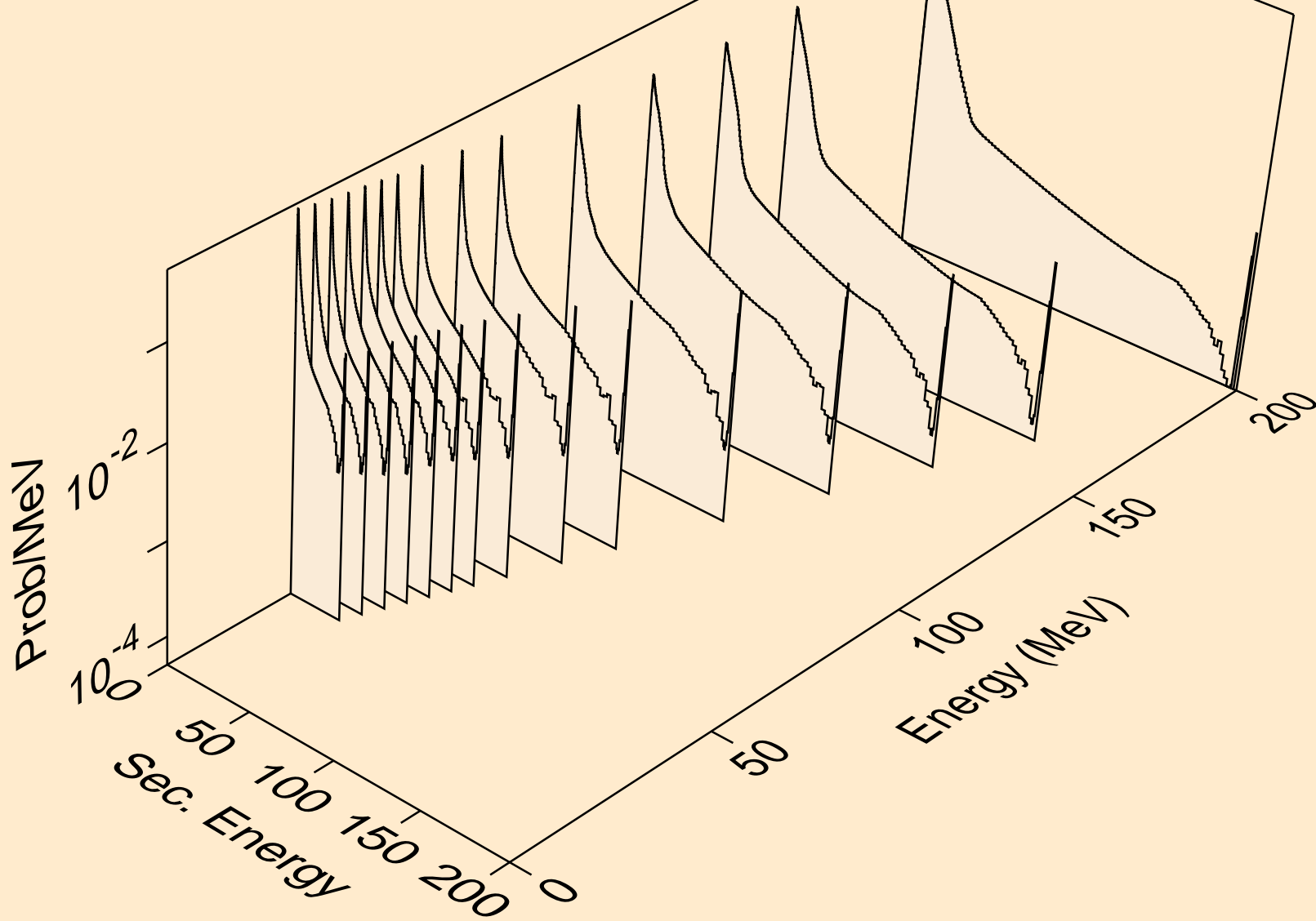
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*30)



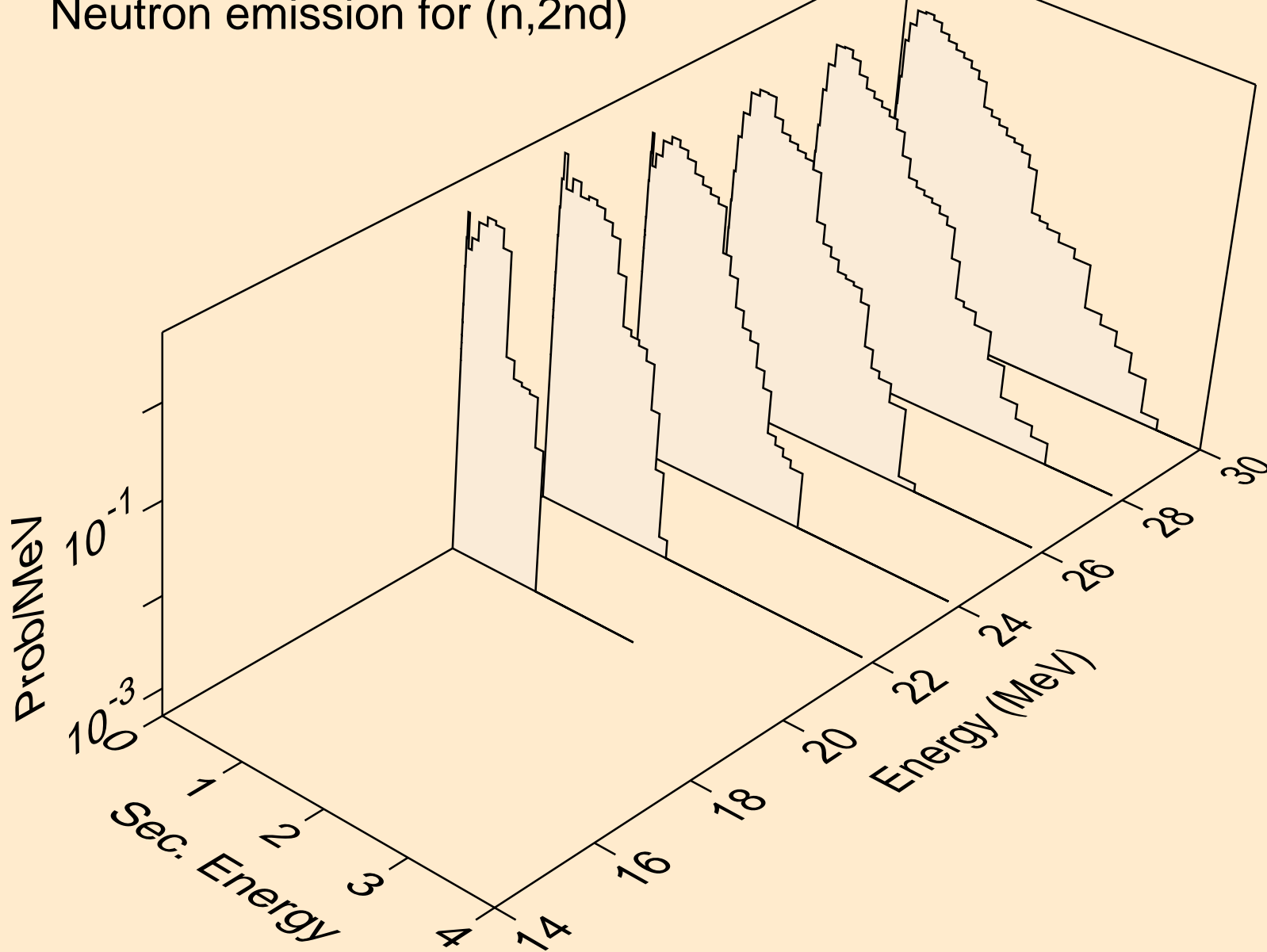
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Total fission nubar



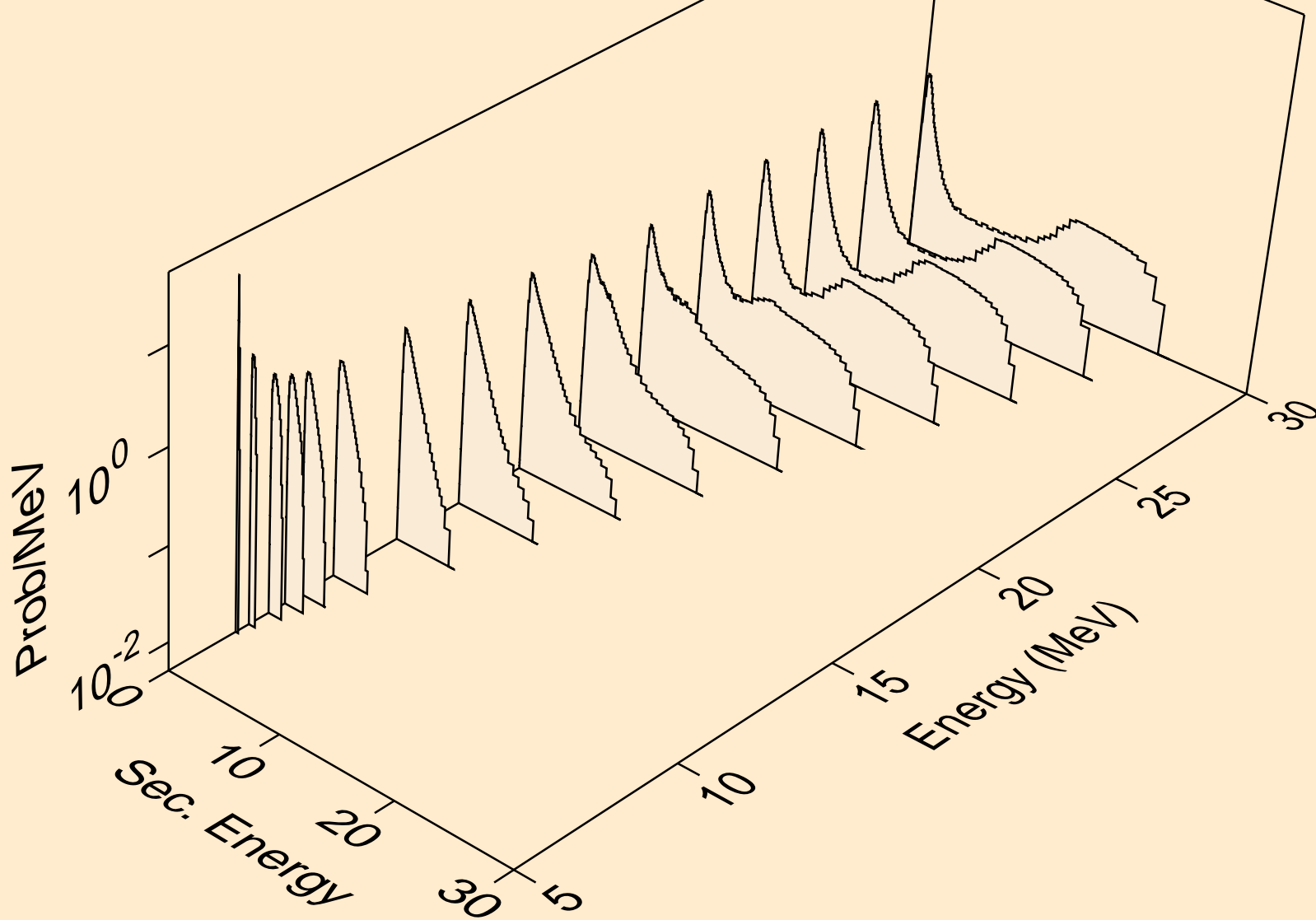
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



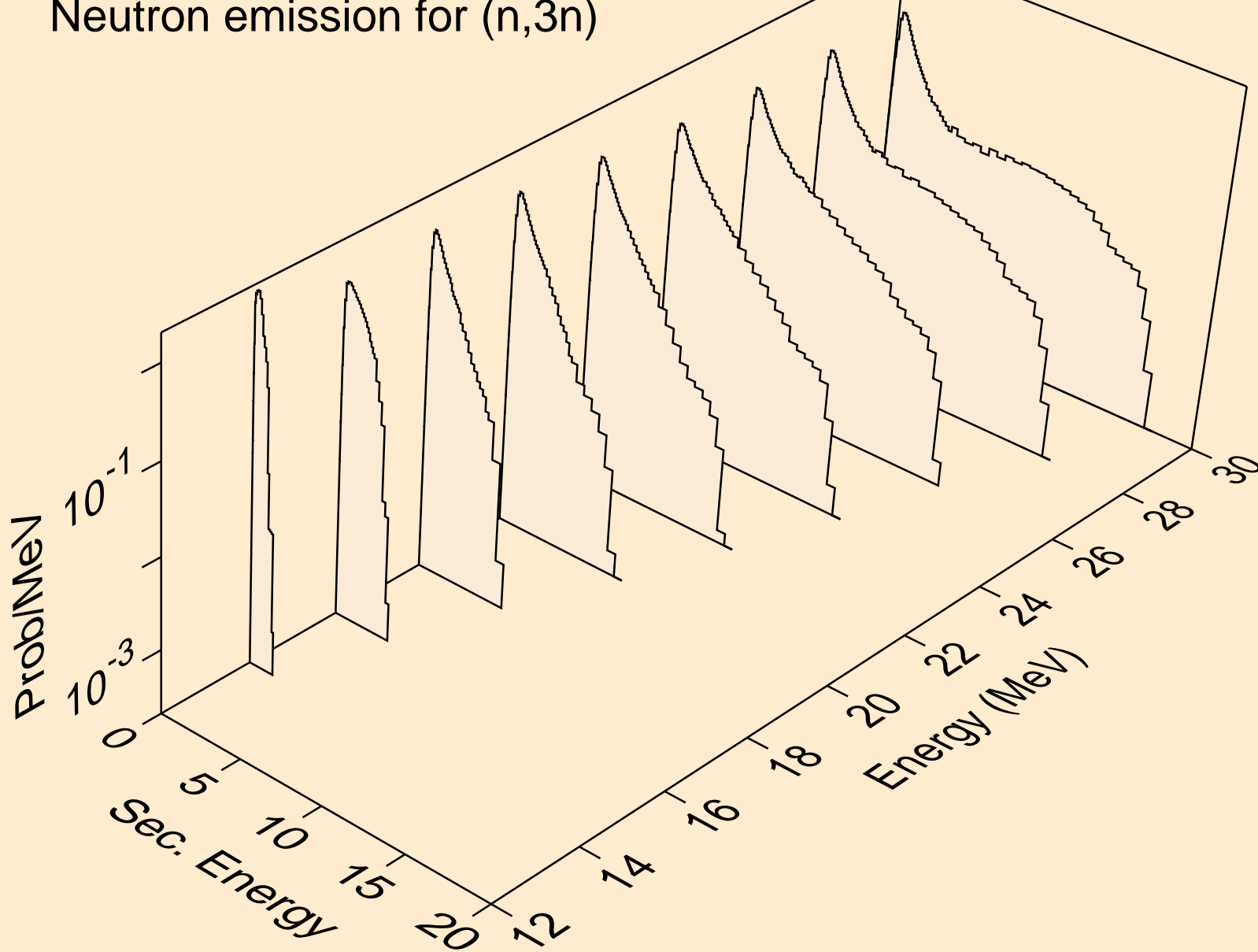
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



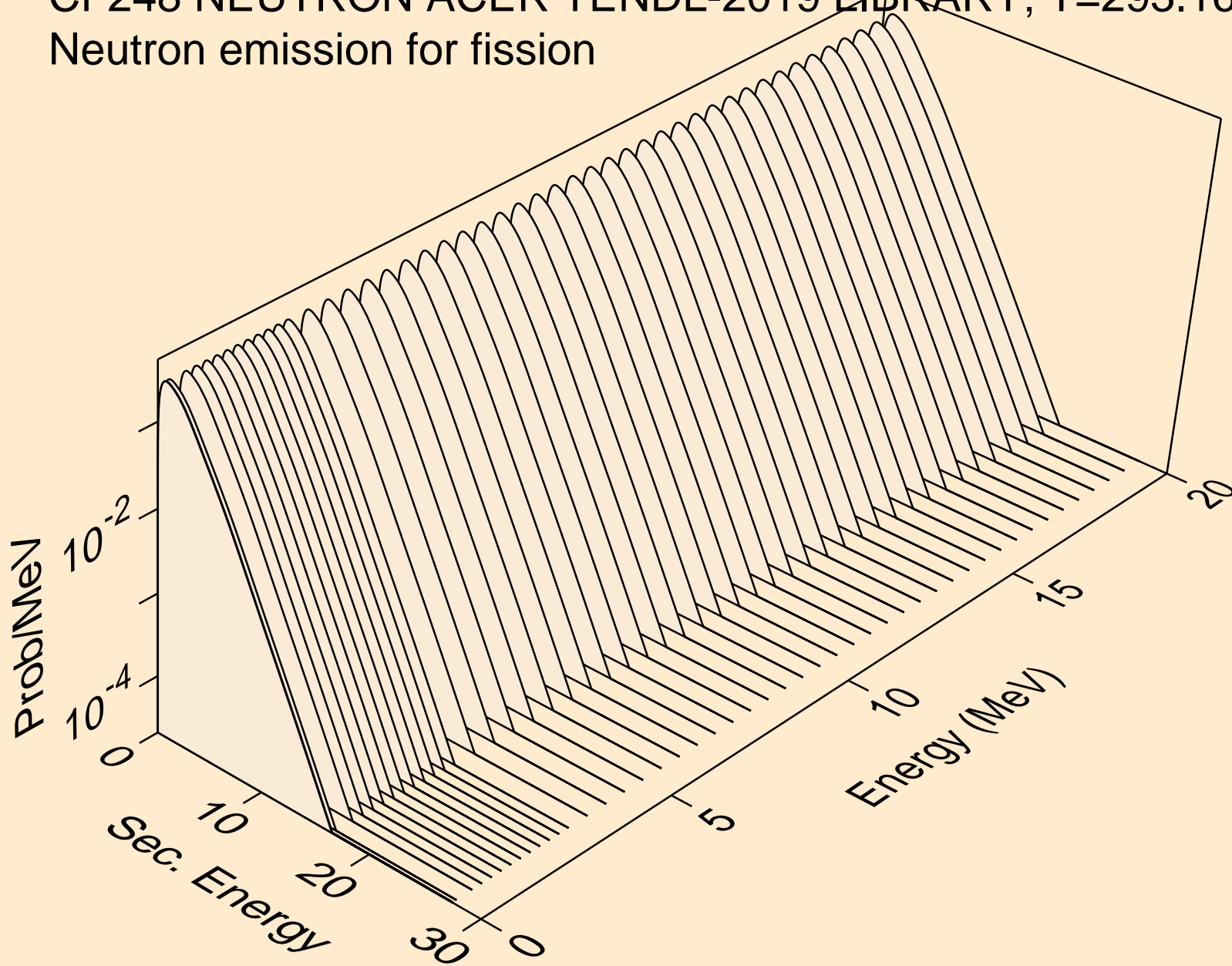
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



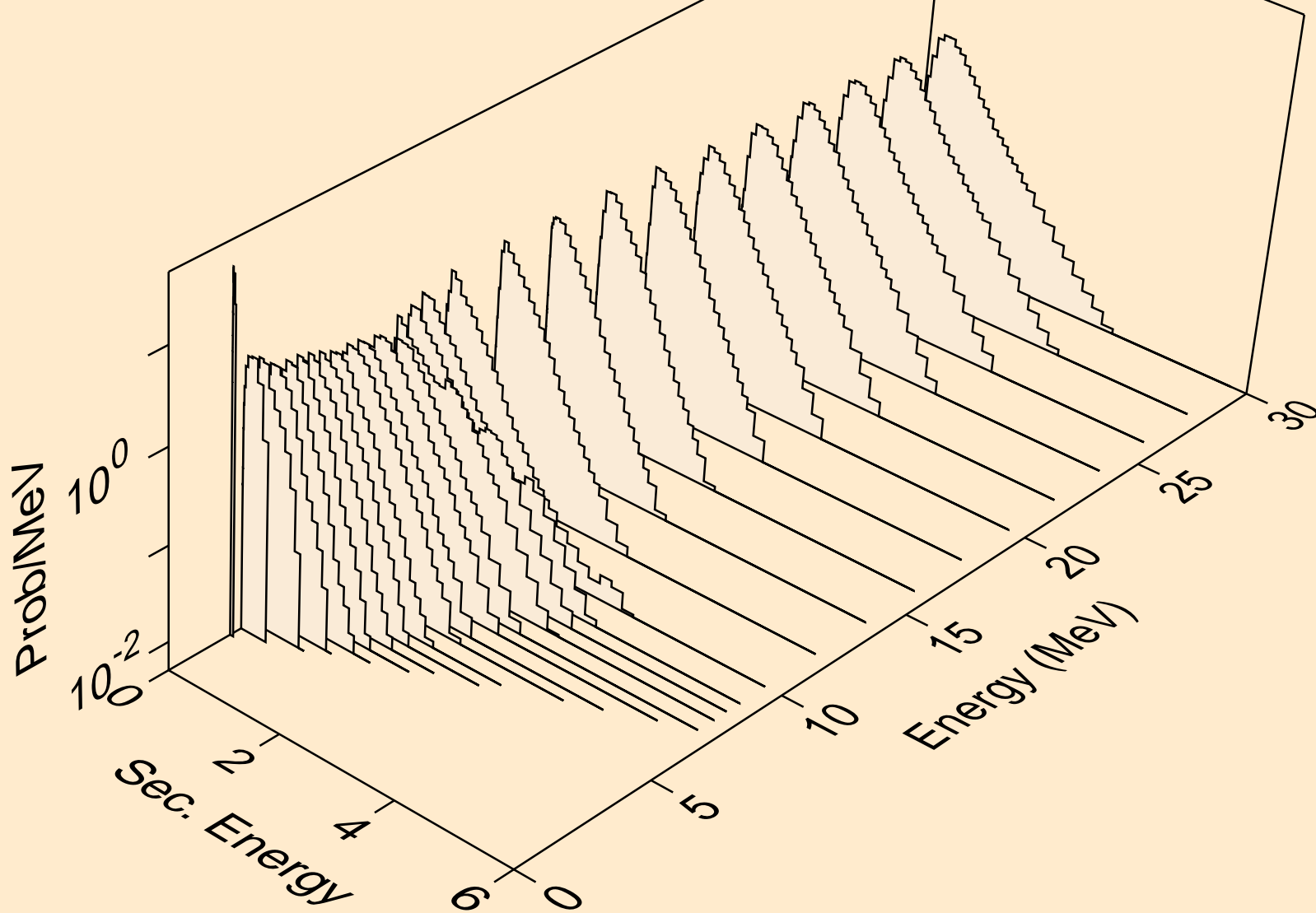
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



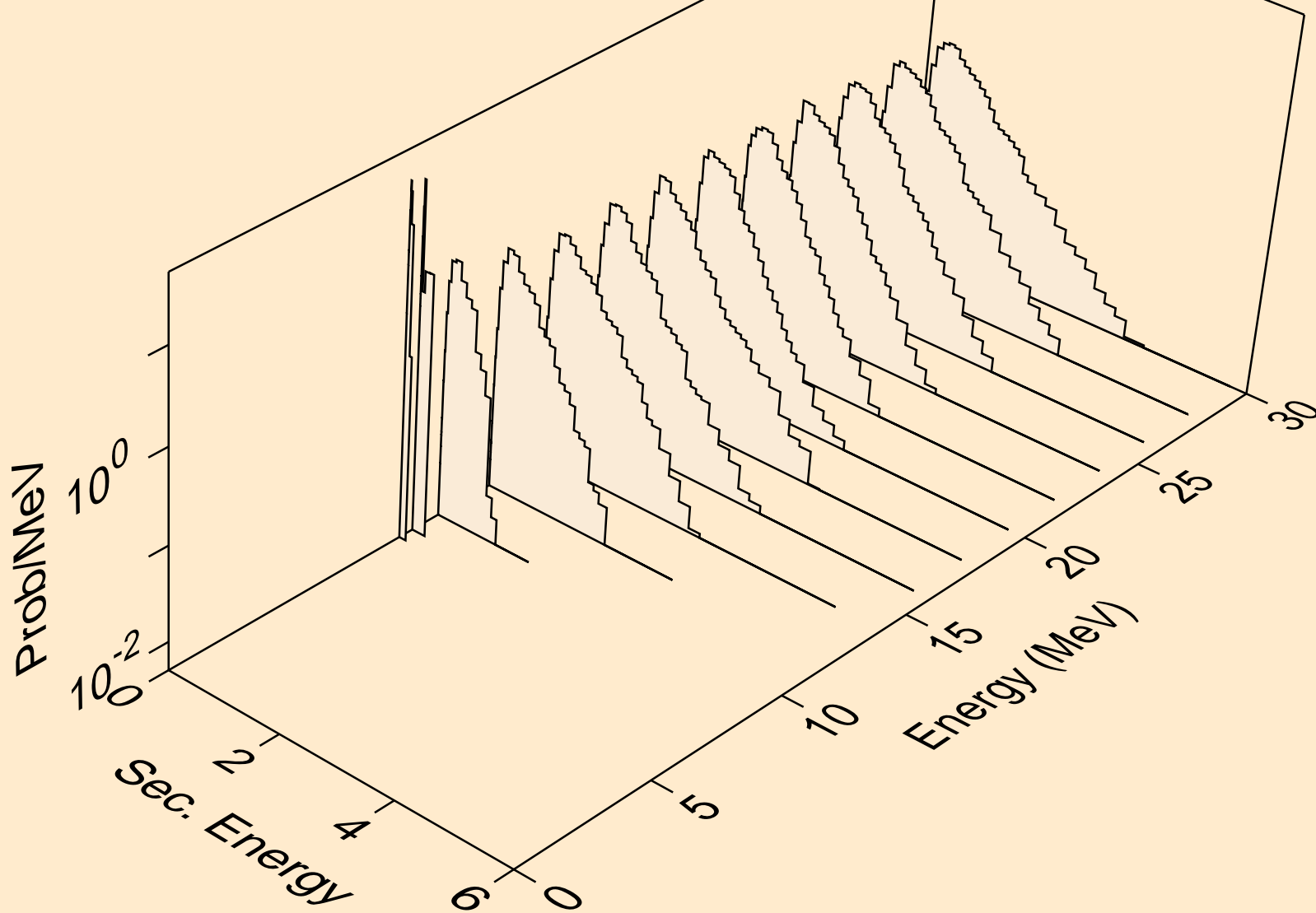
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for fission



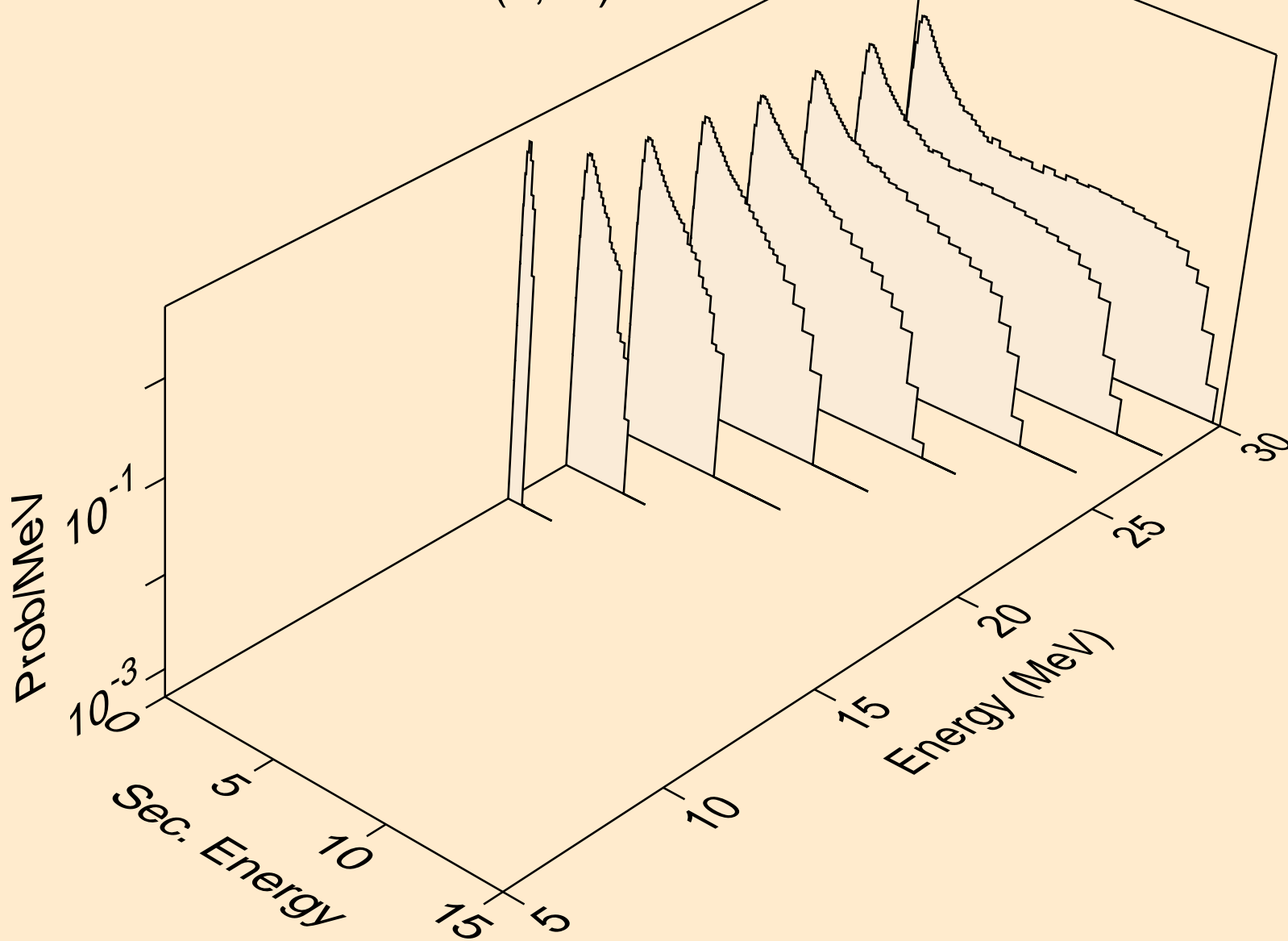
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



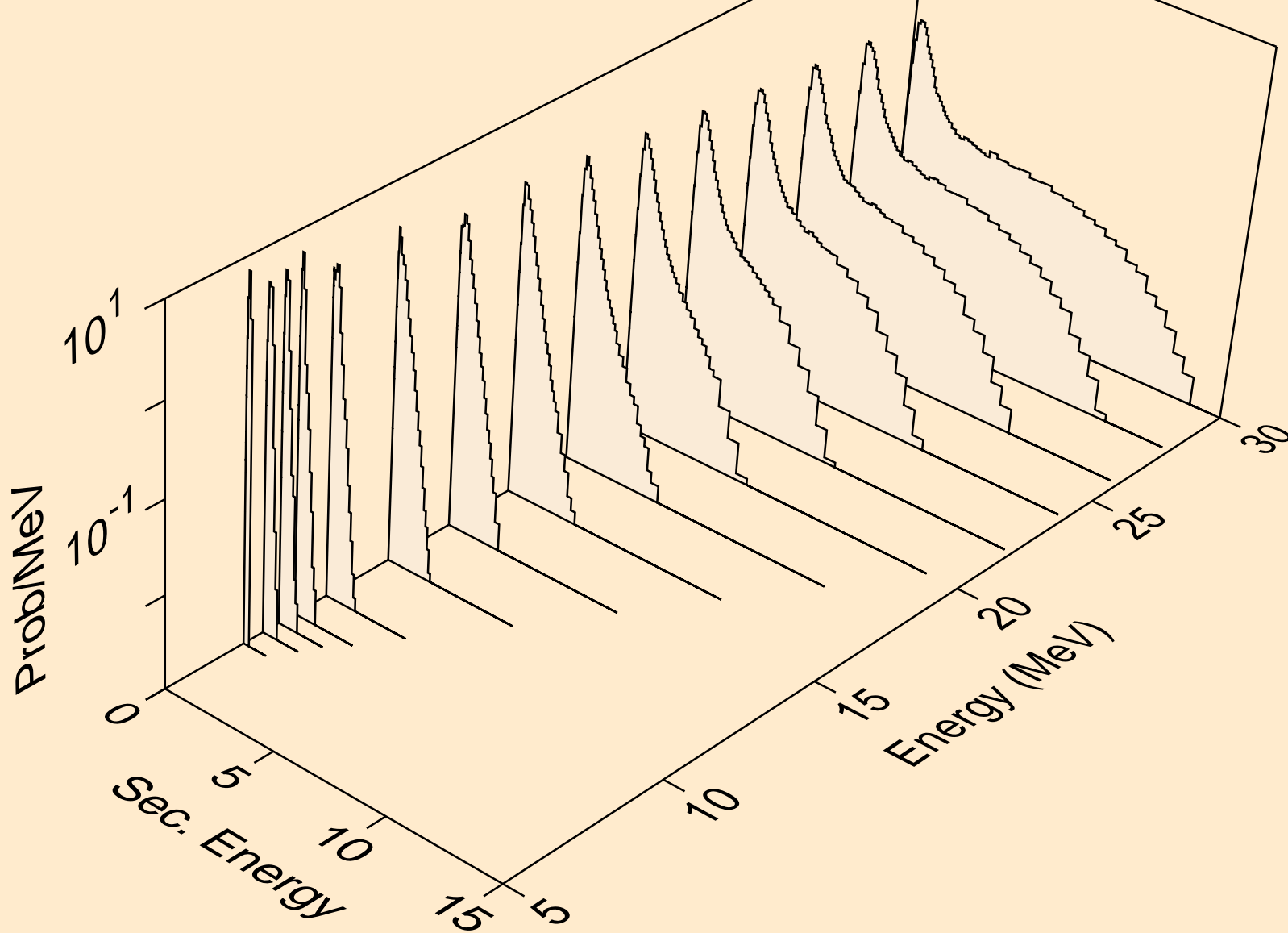
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



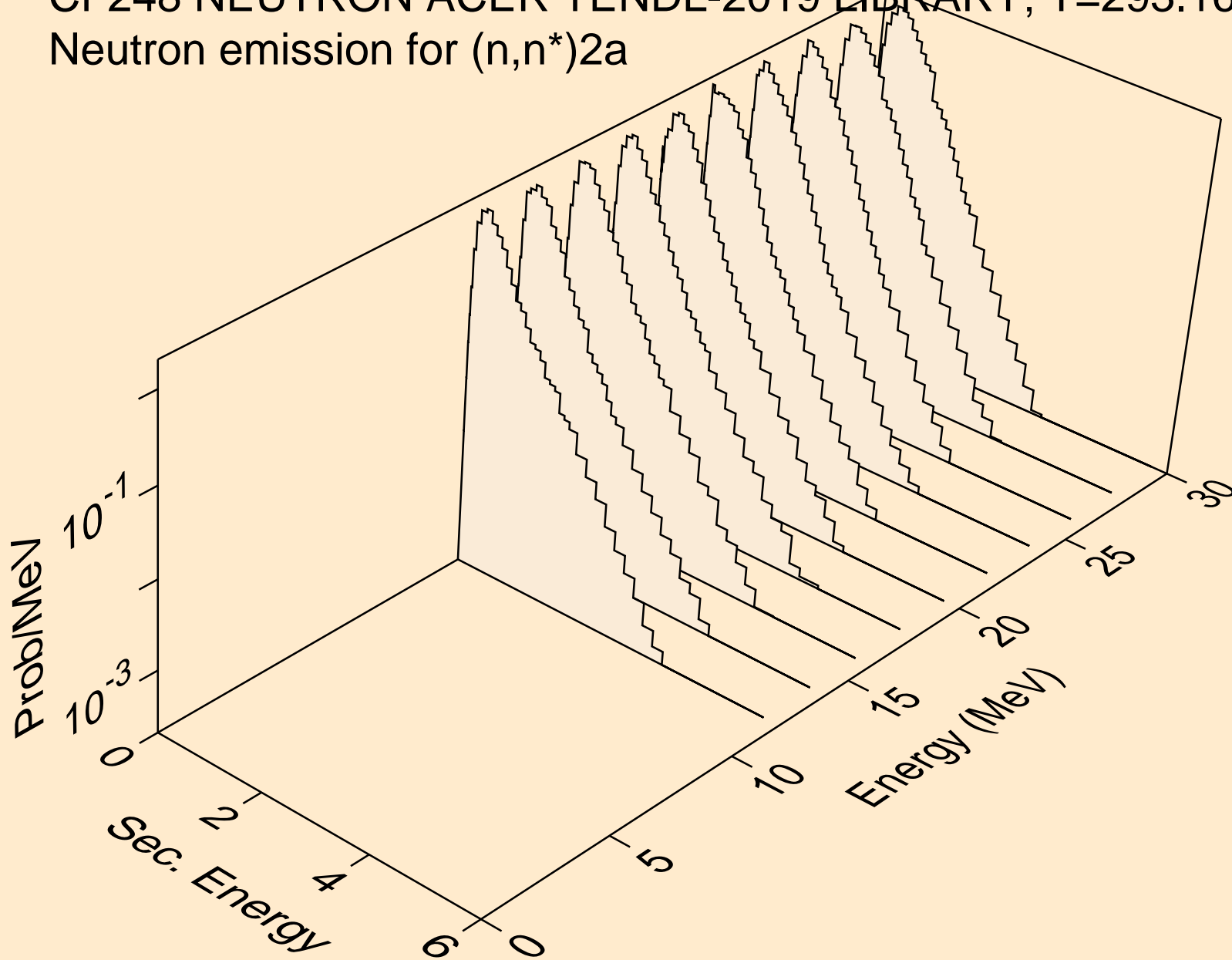
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



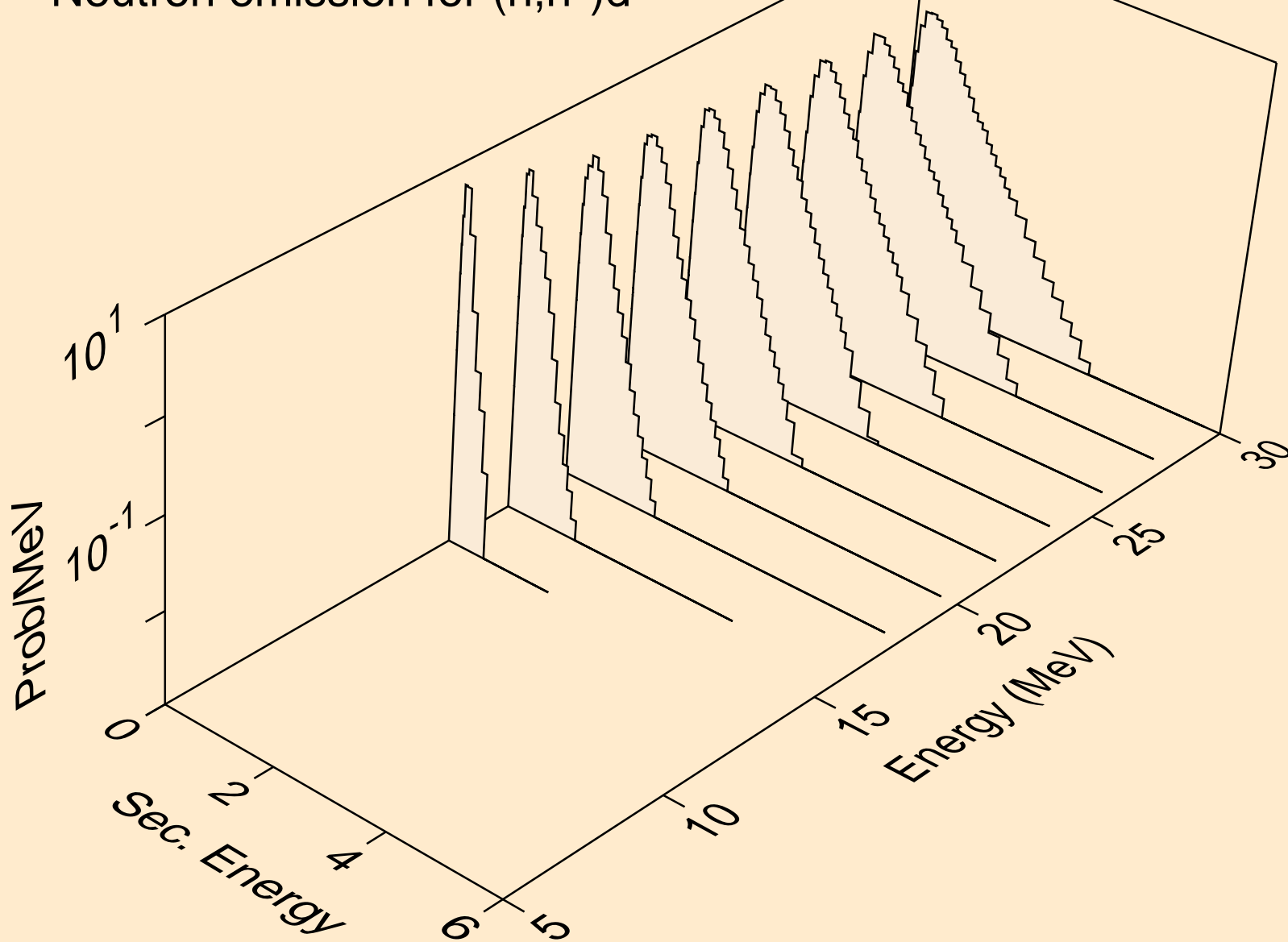
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



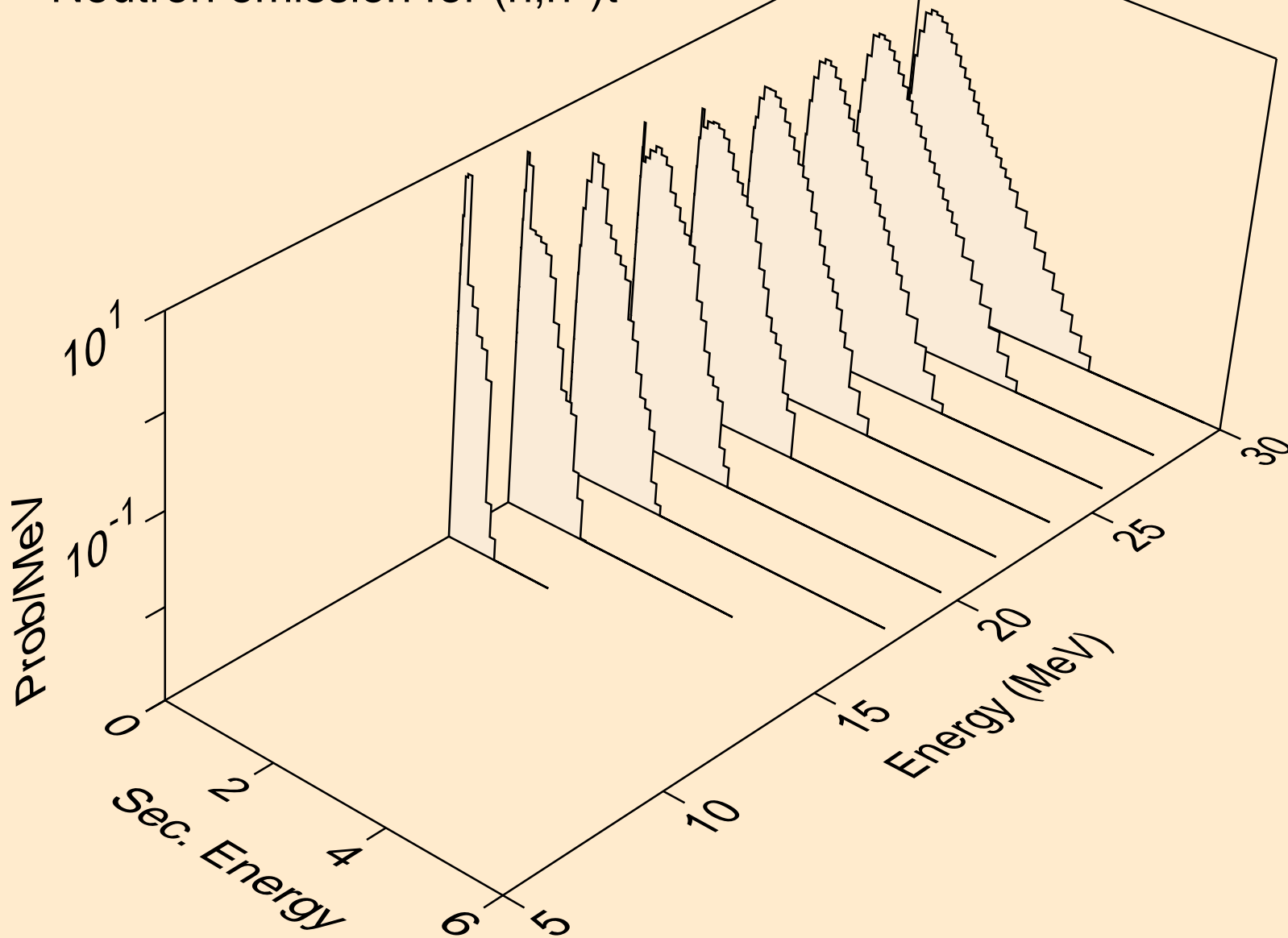
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



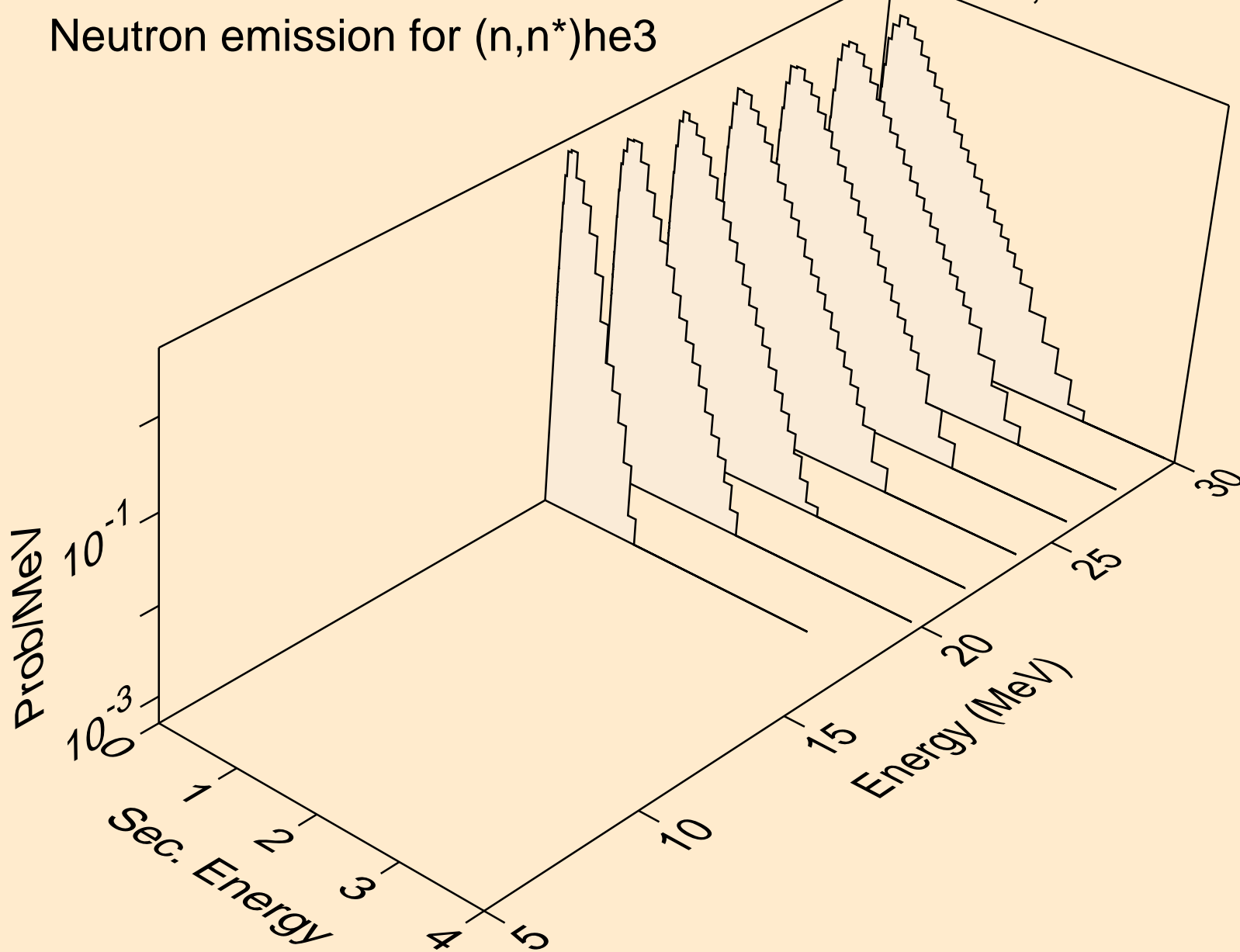
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



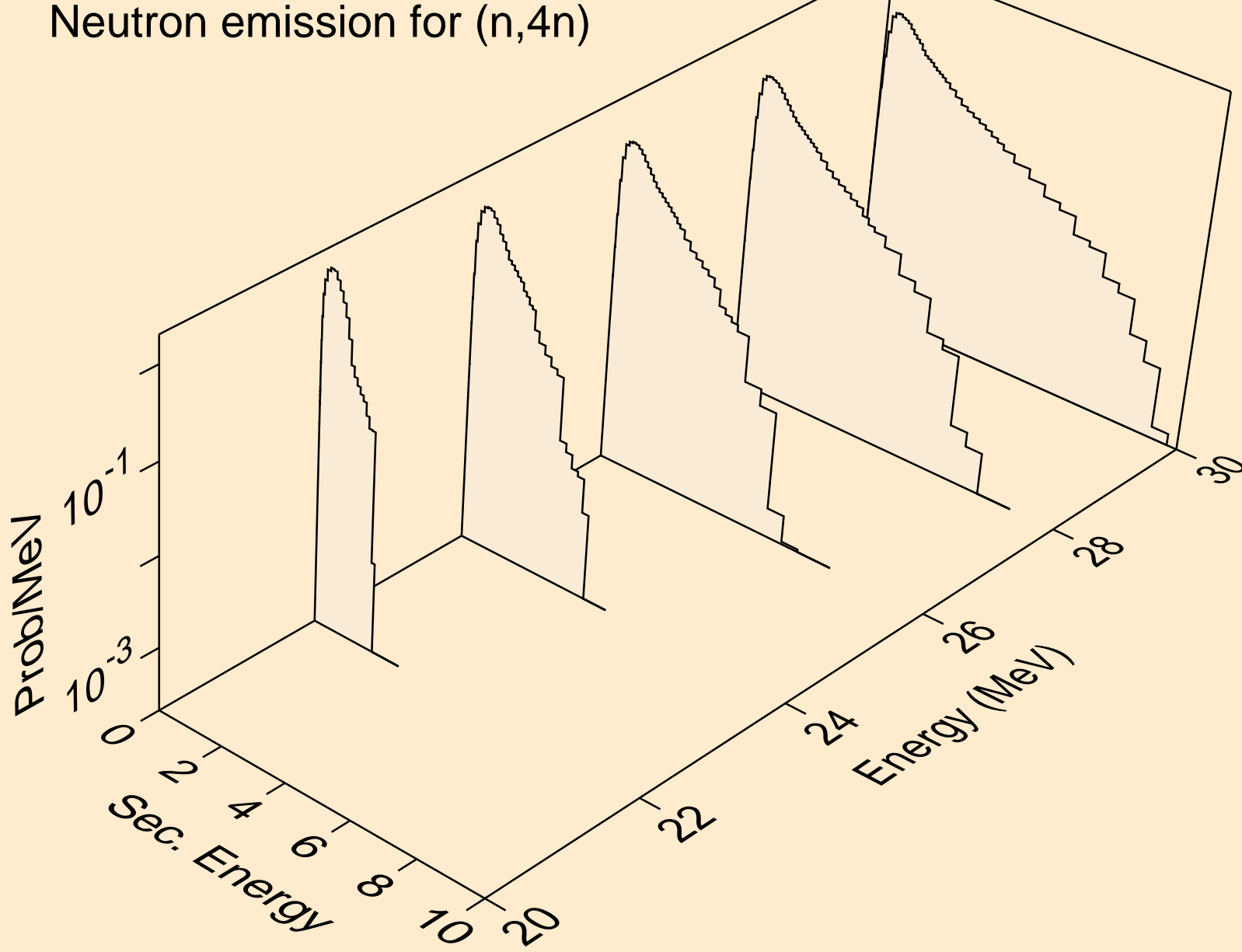
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



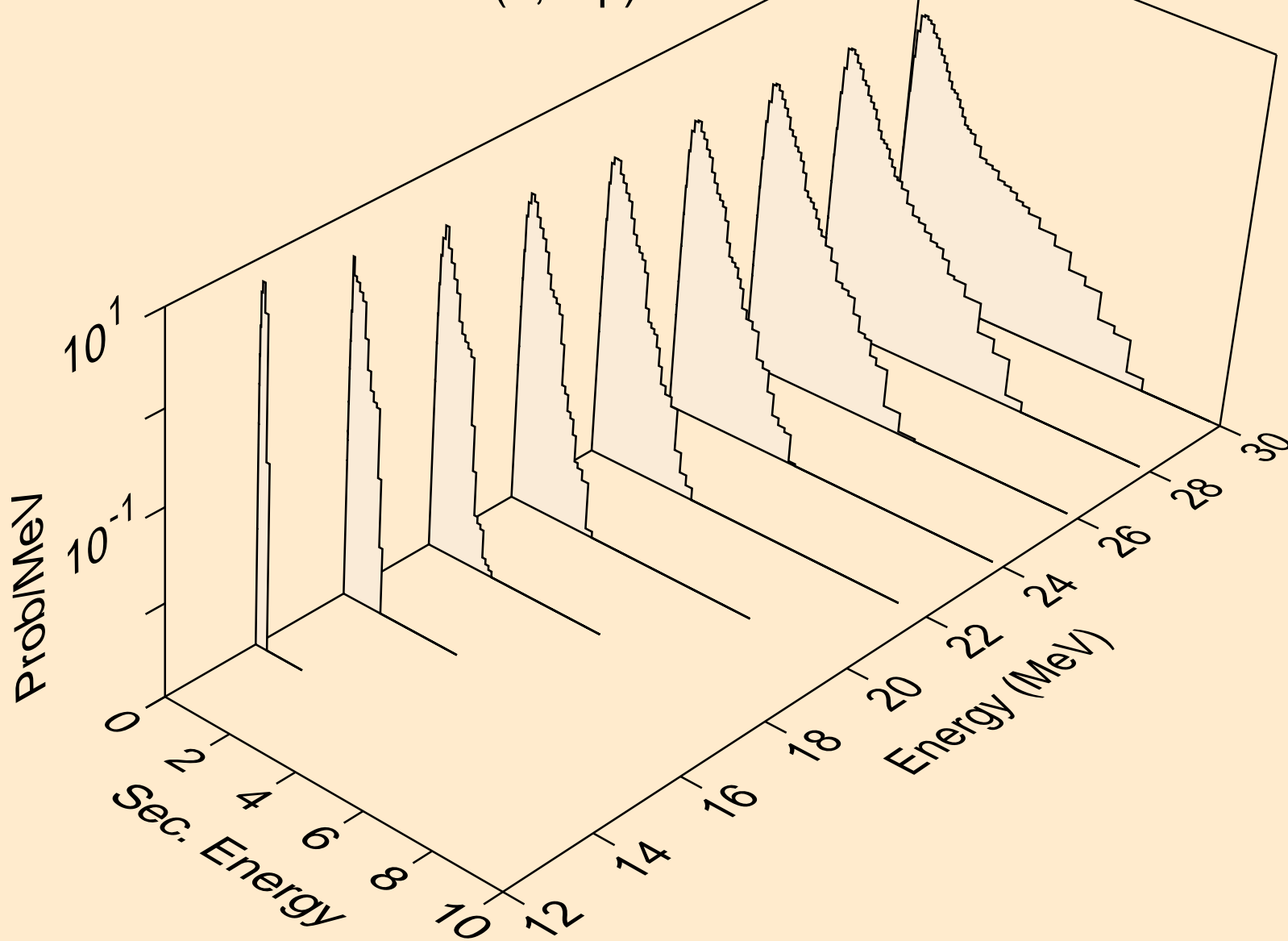
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



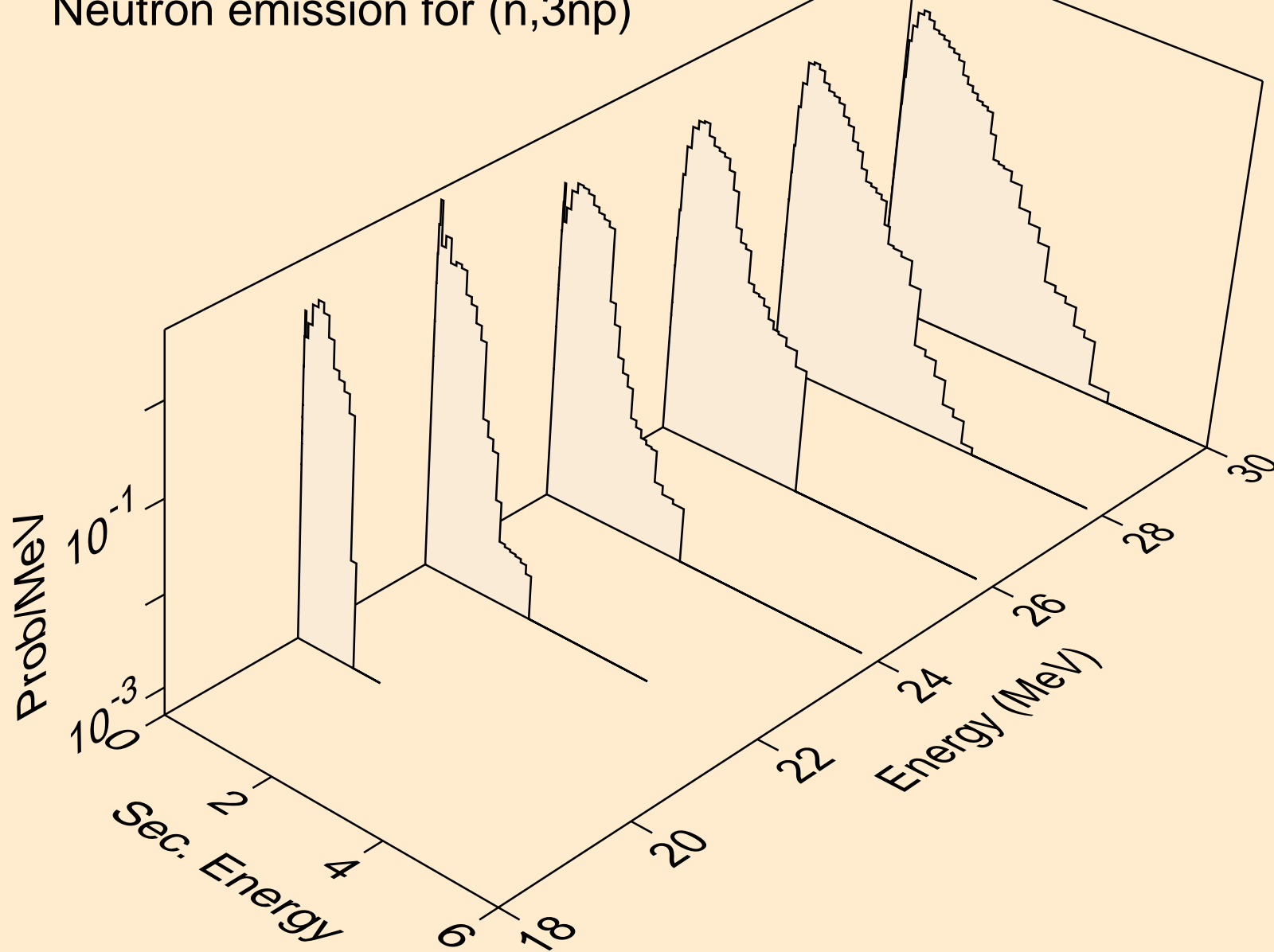
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



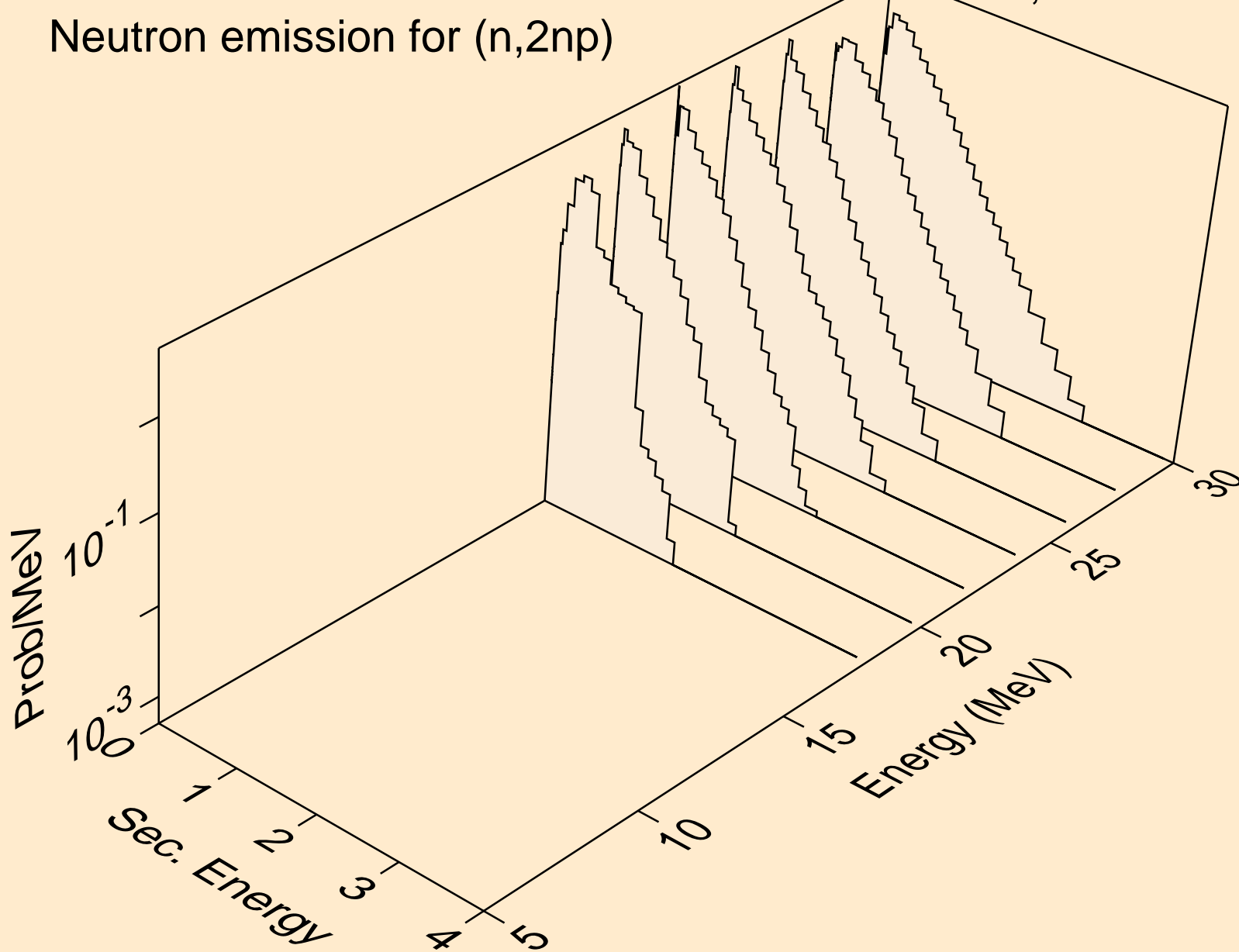
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



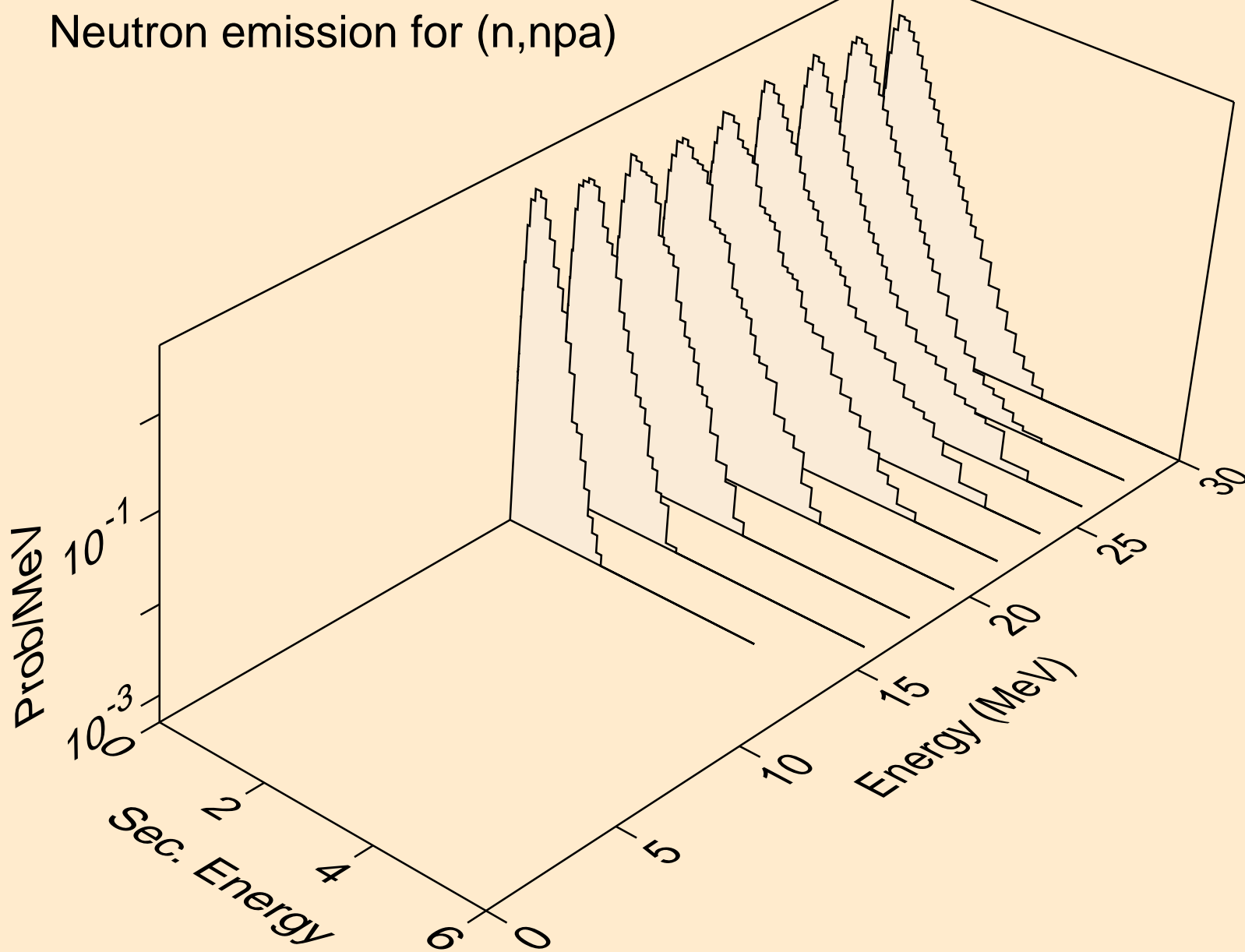
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



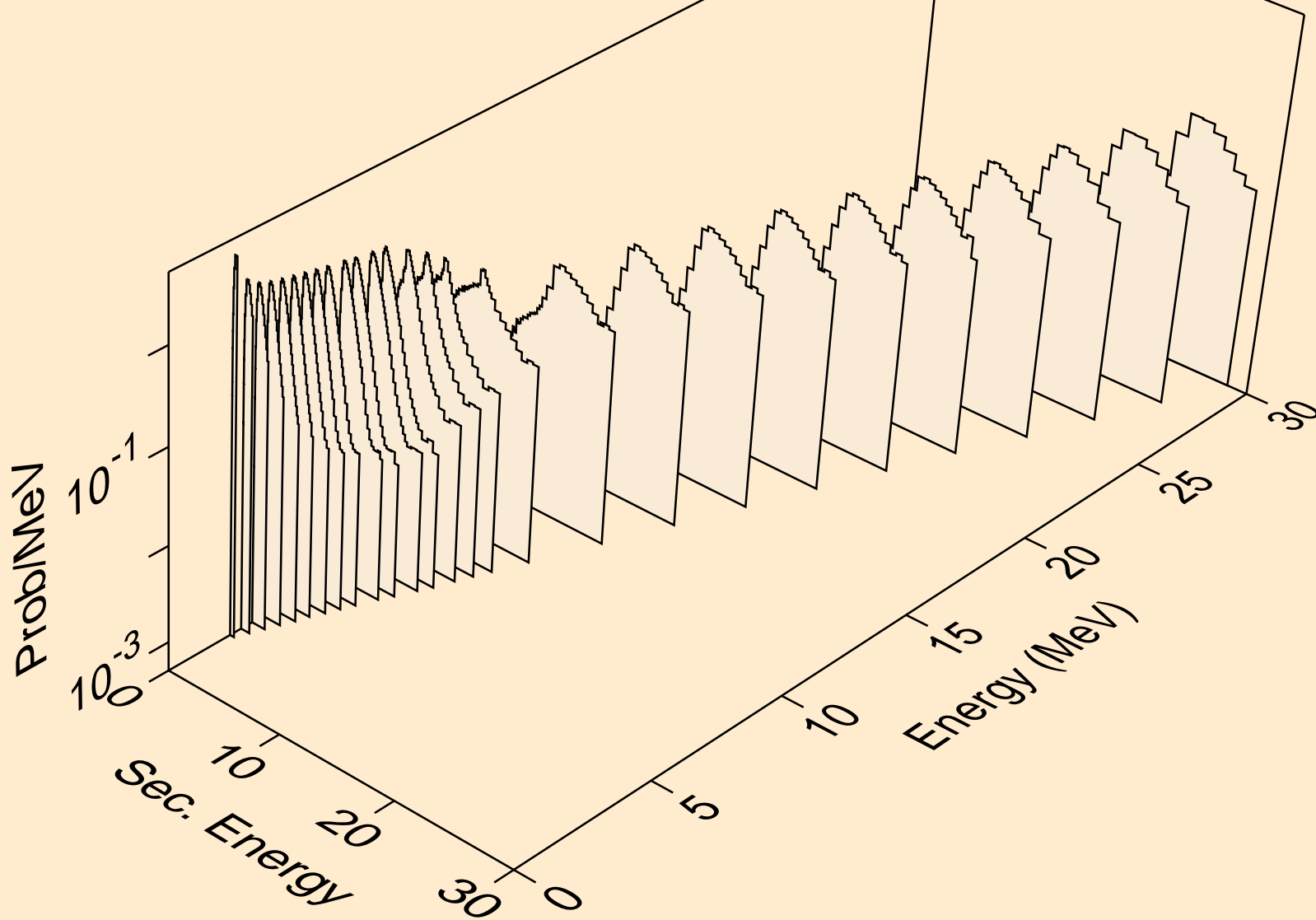
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



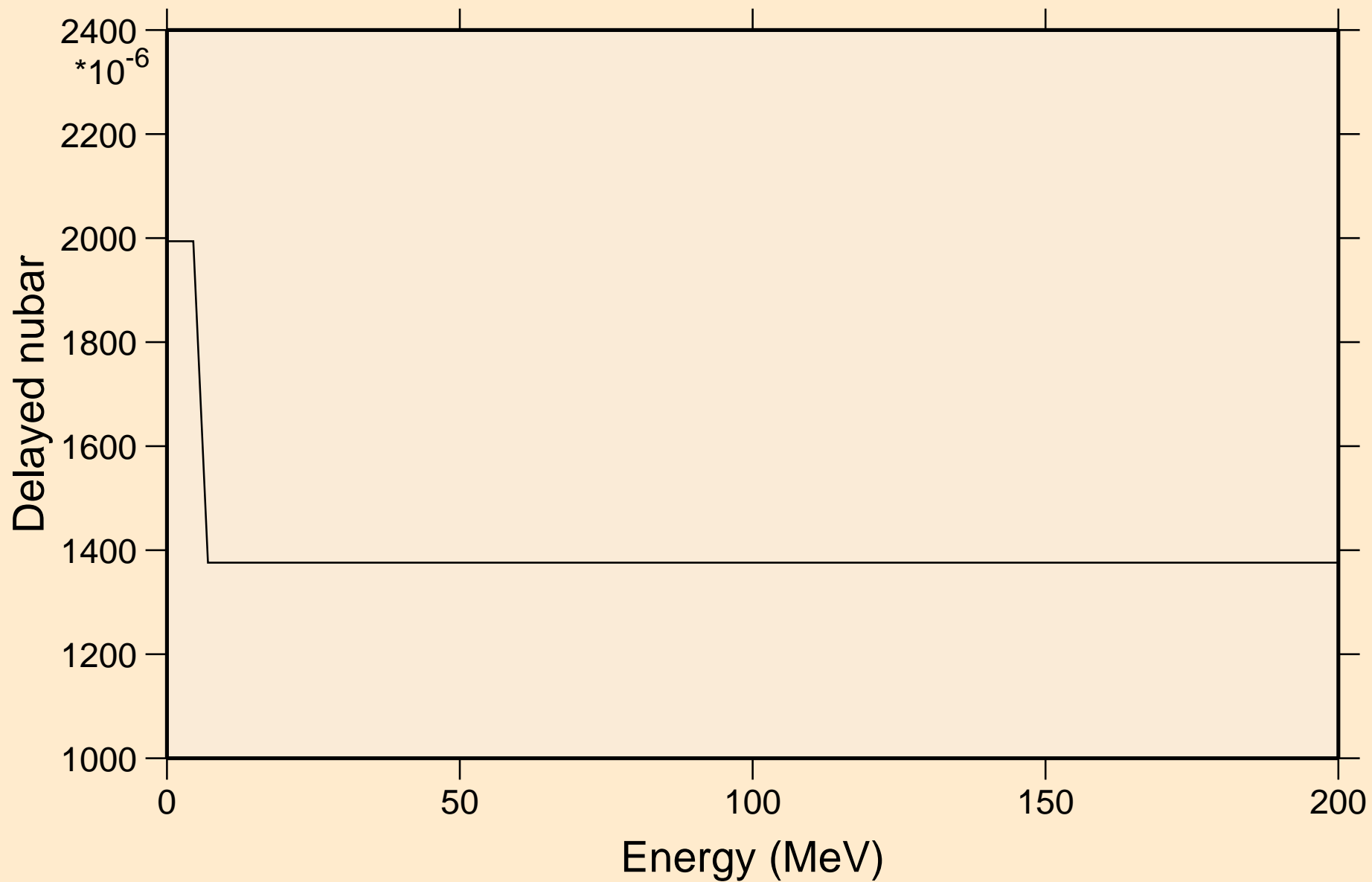
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)

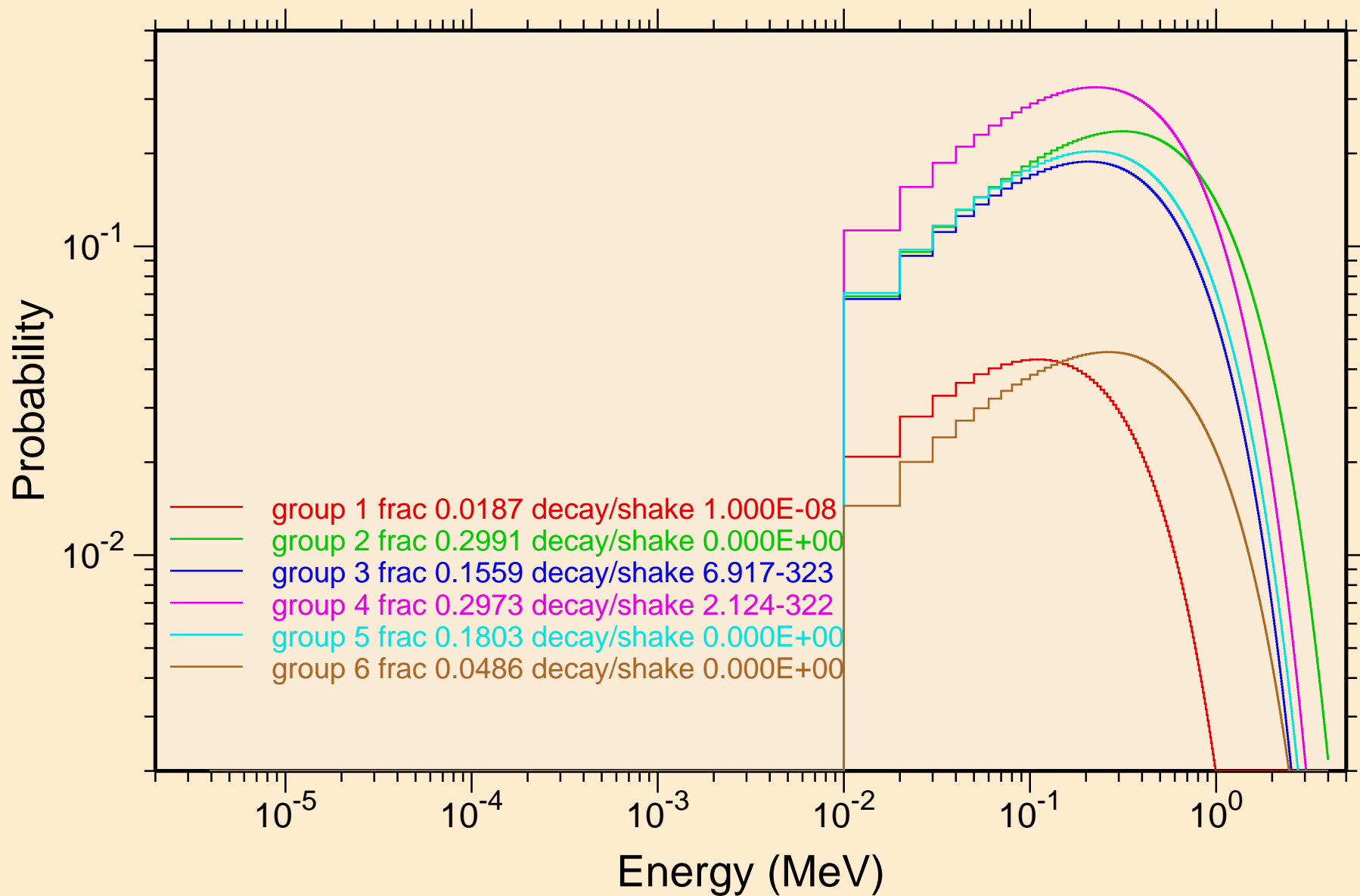


CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Delayed nubar

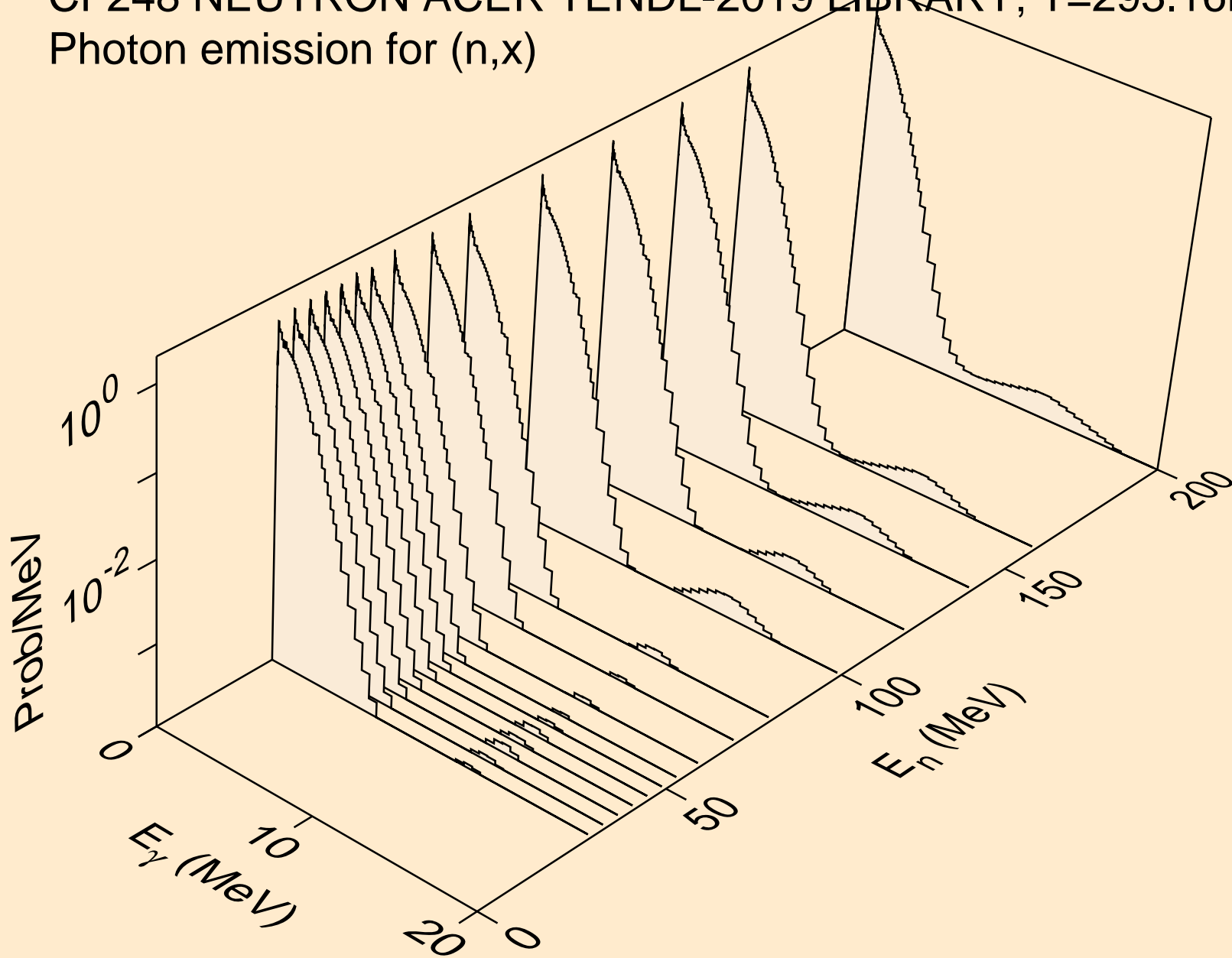


CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

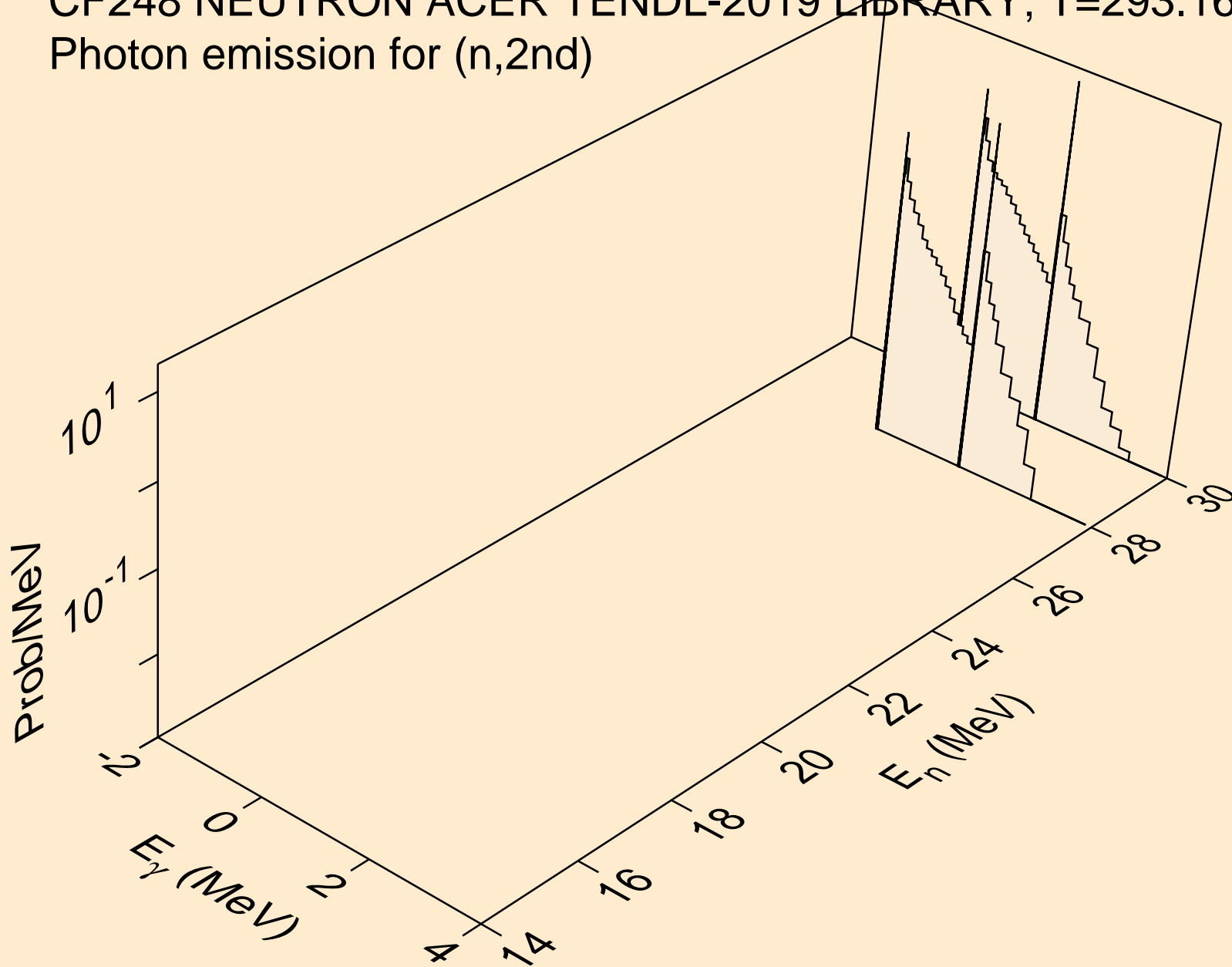
Delayed neutron spectra



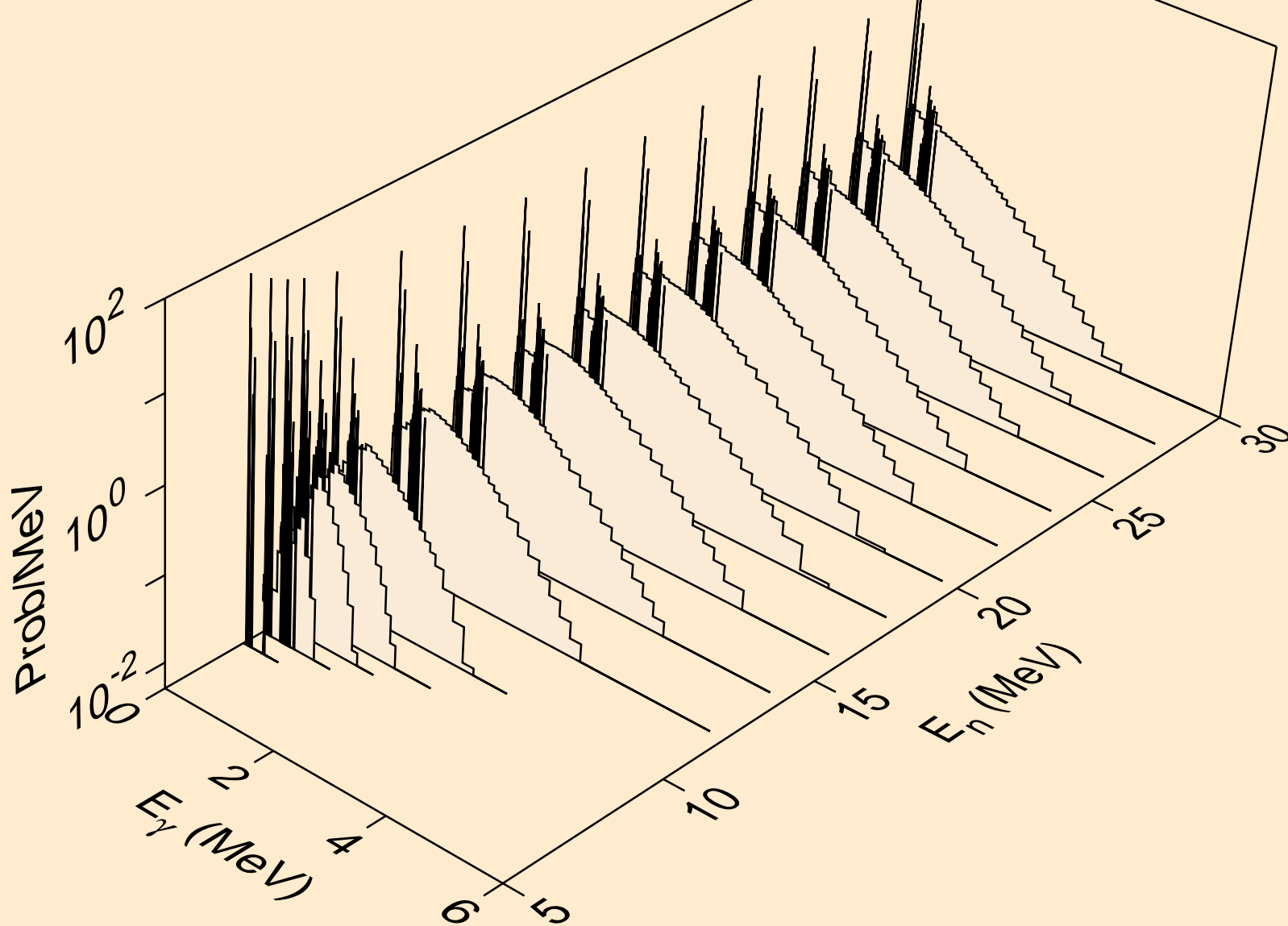
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



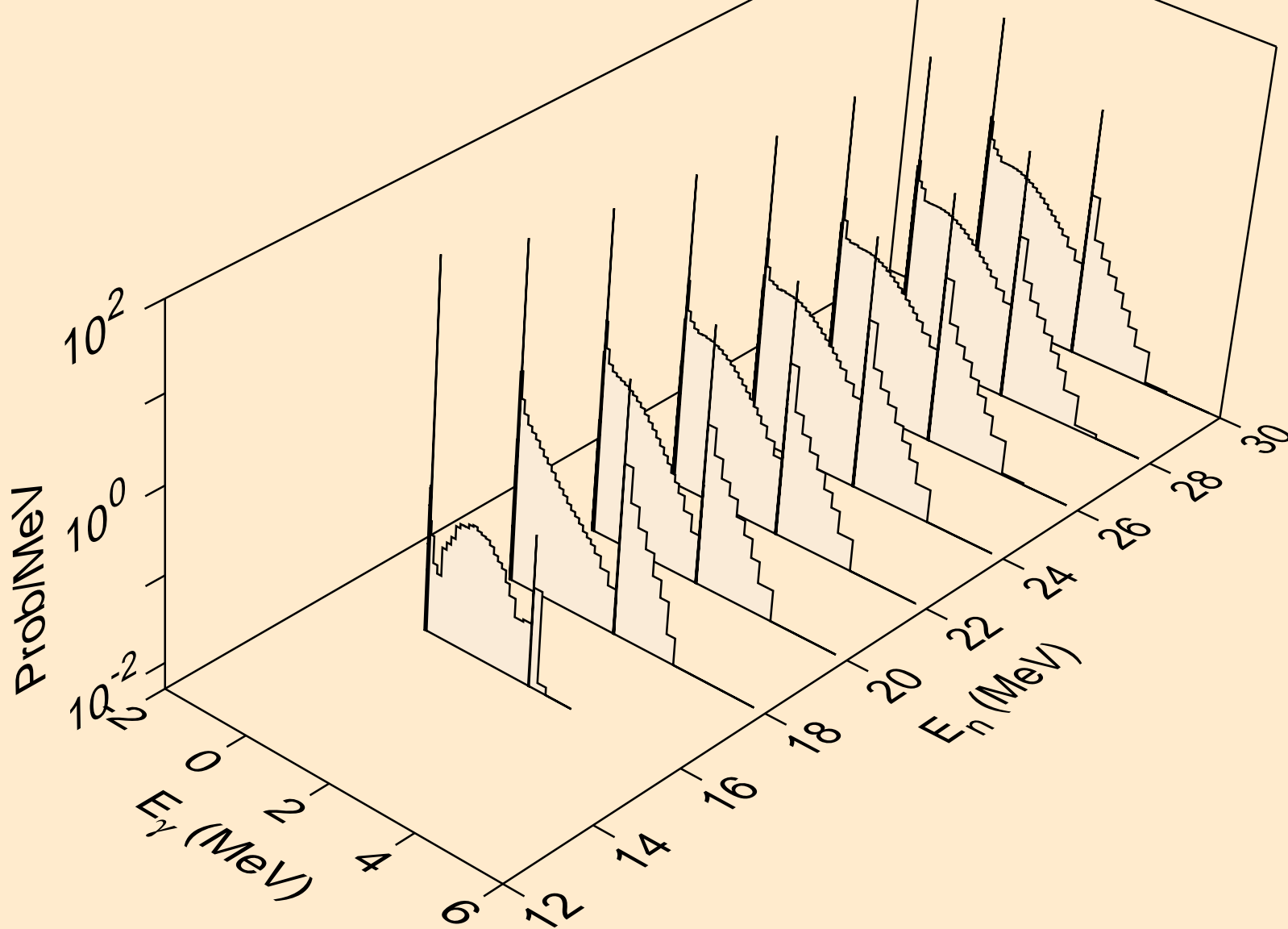
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



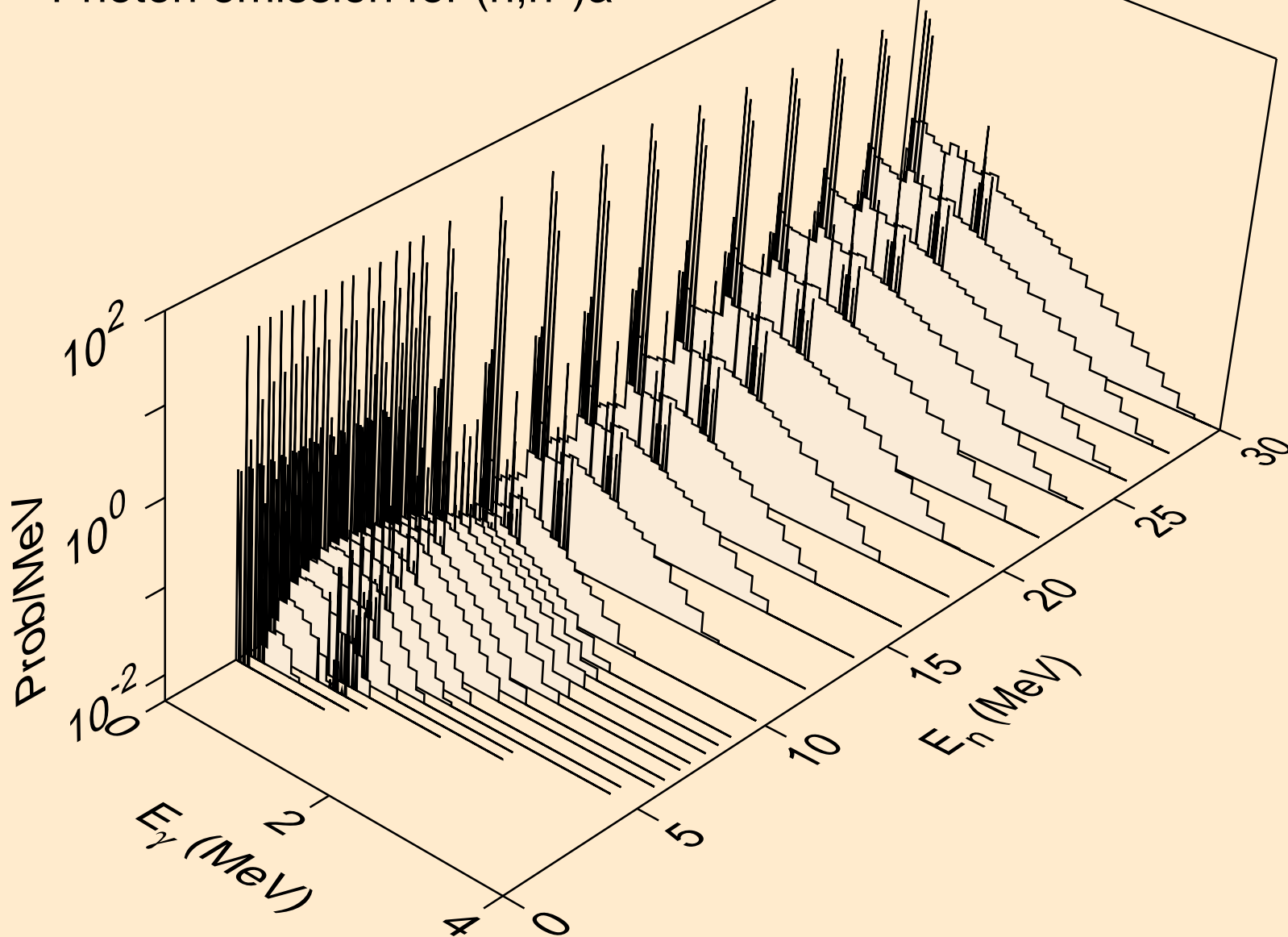
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



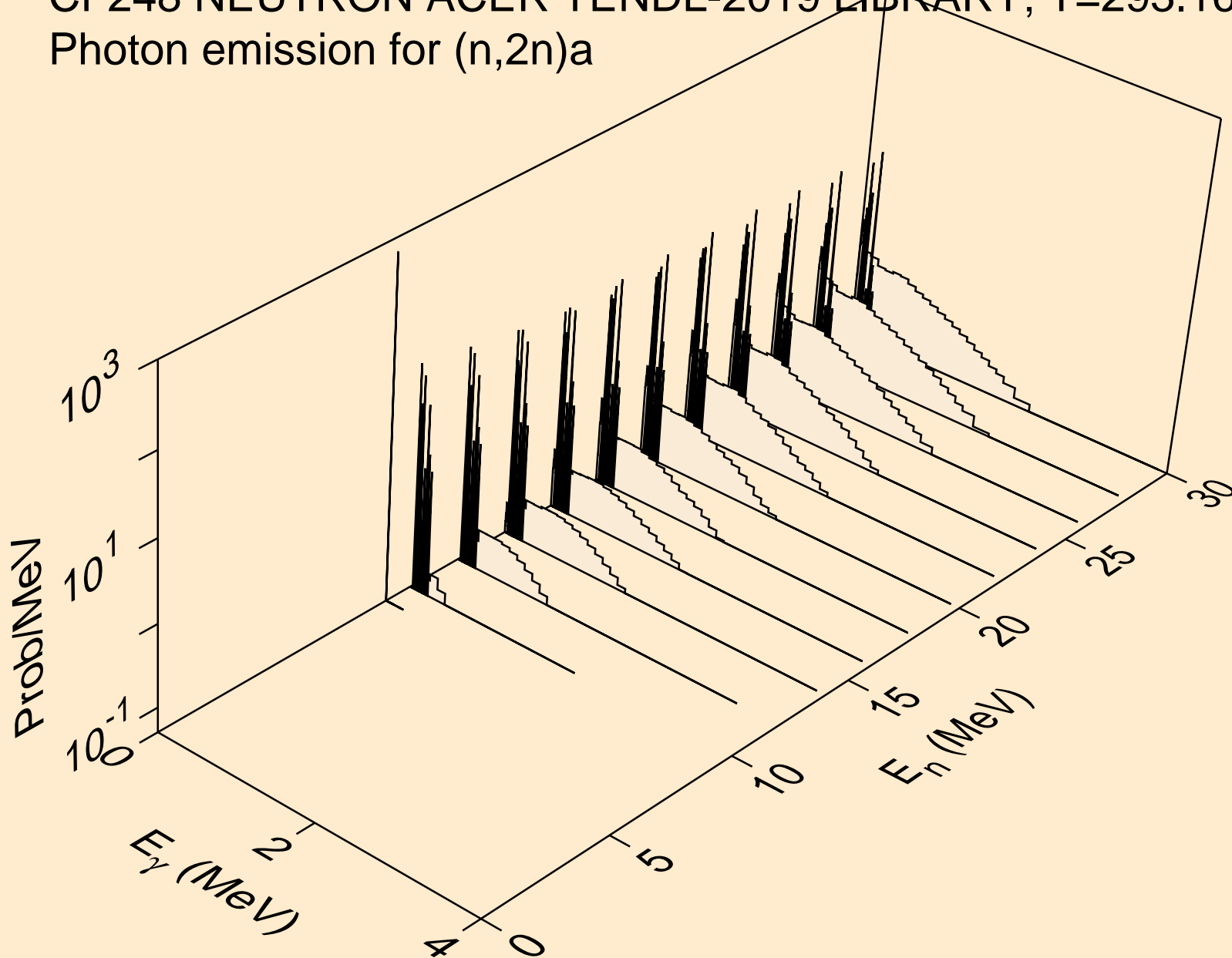
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



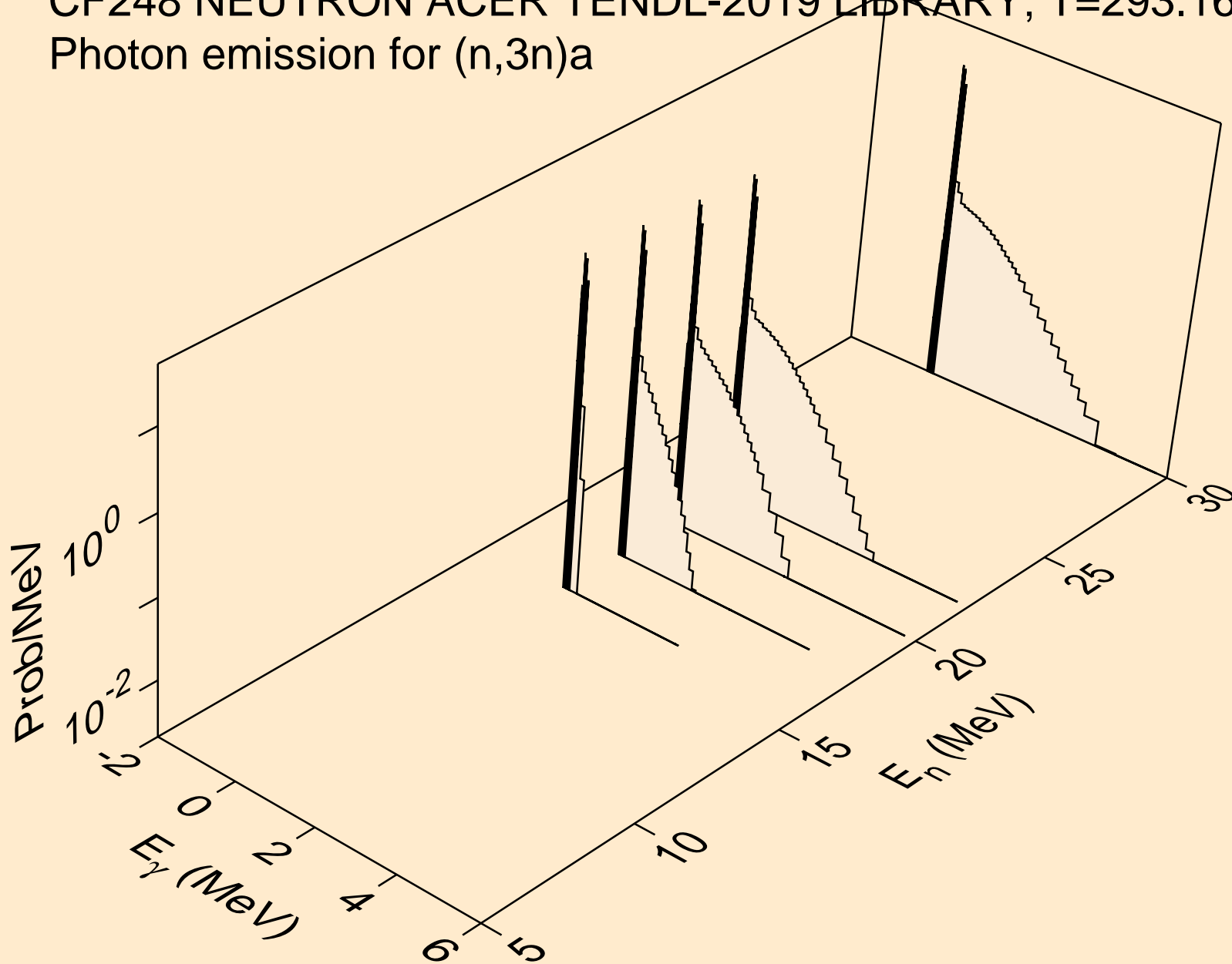
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



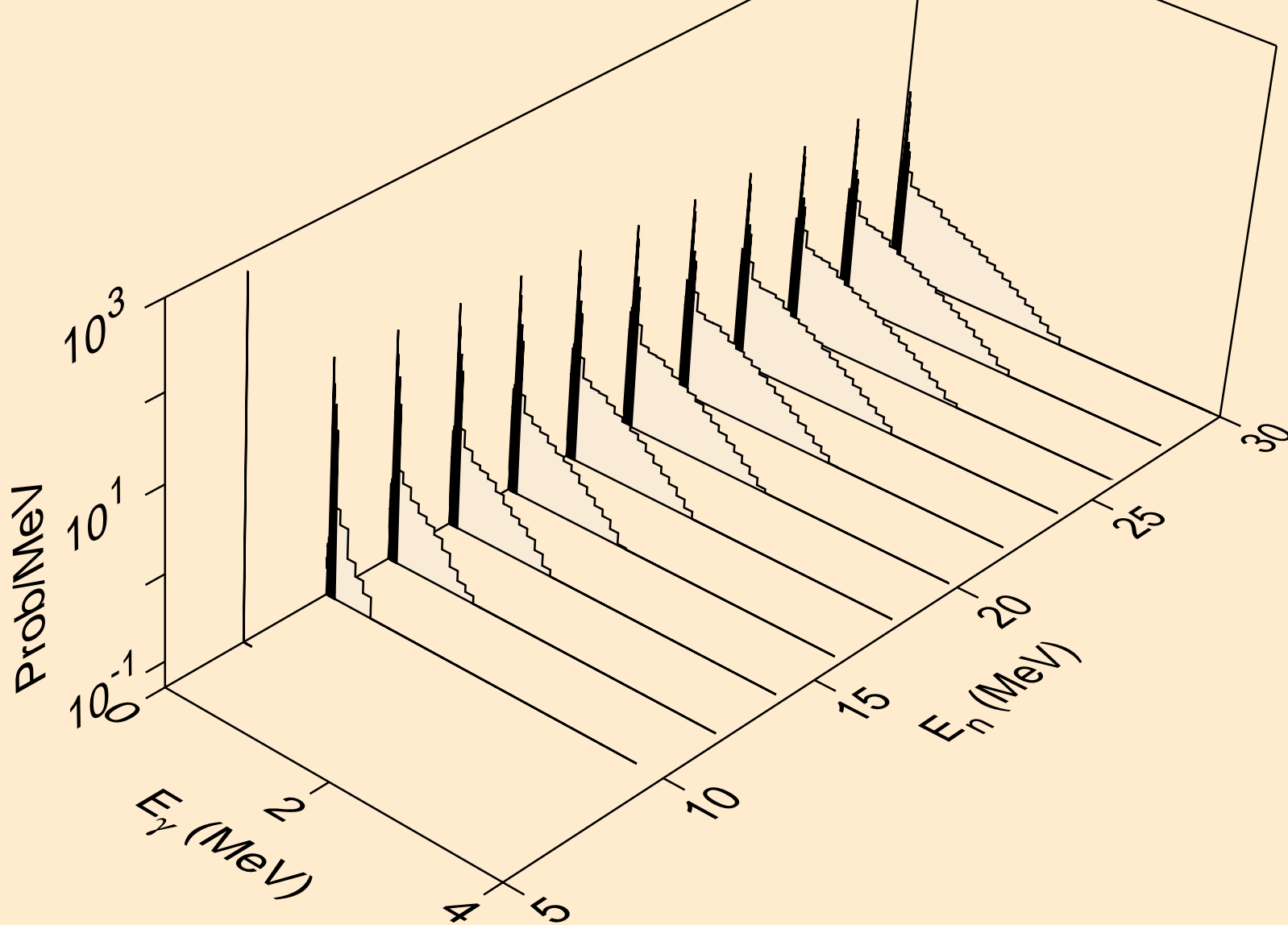
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



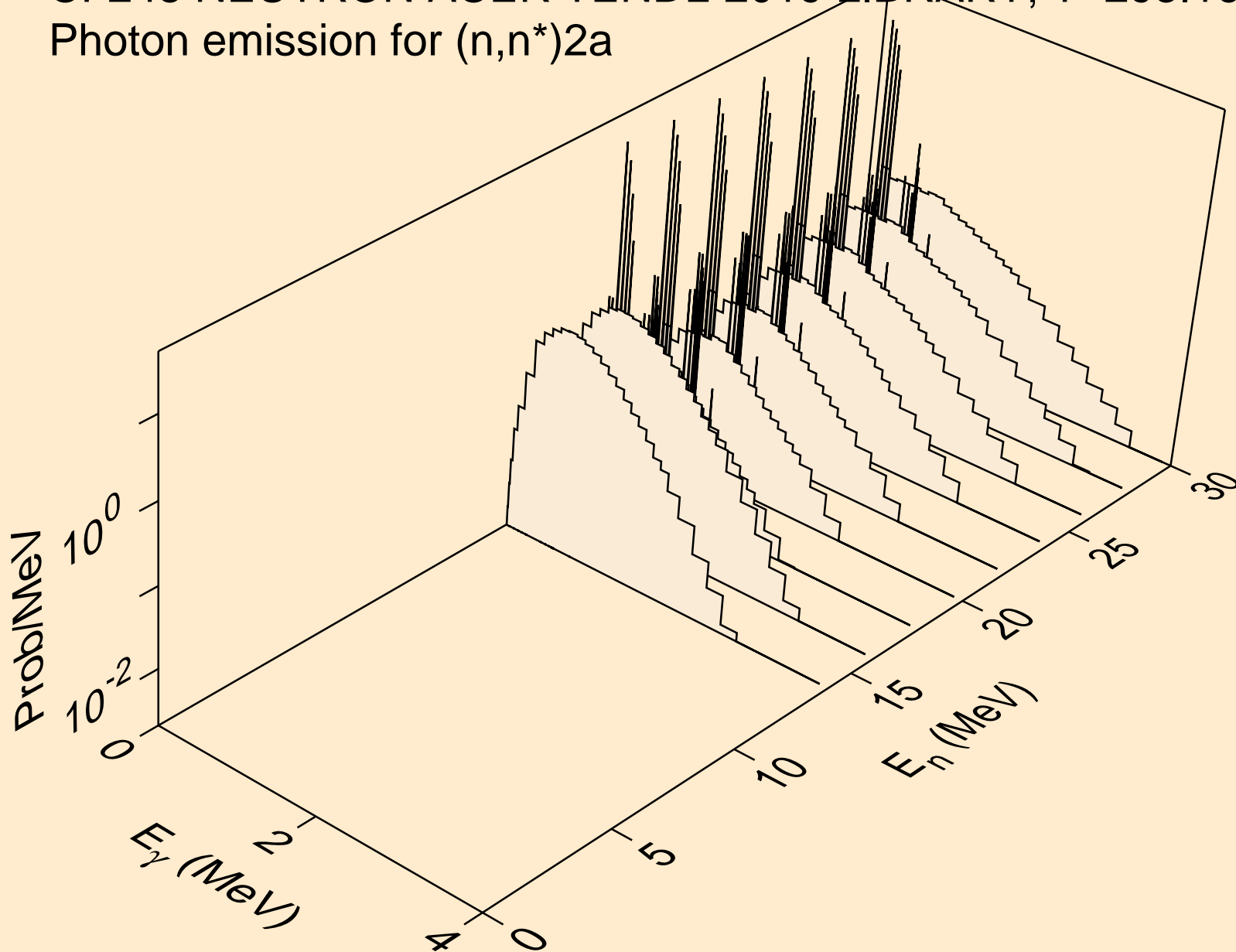
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



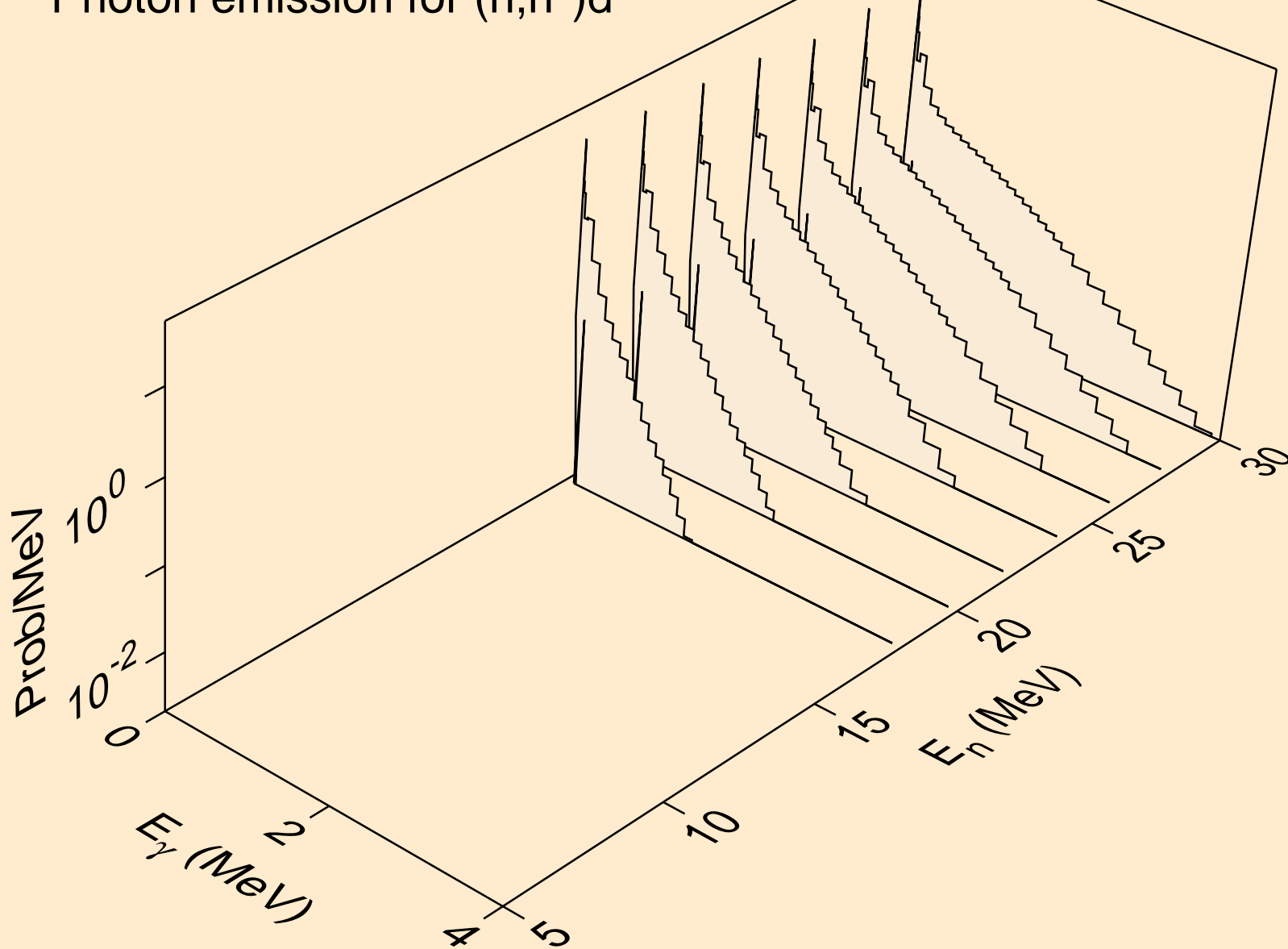
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



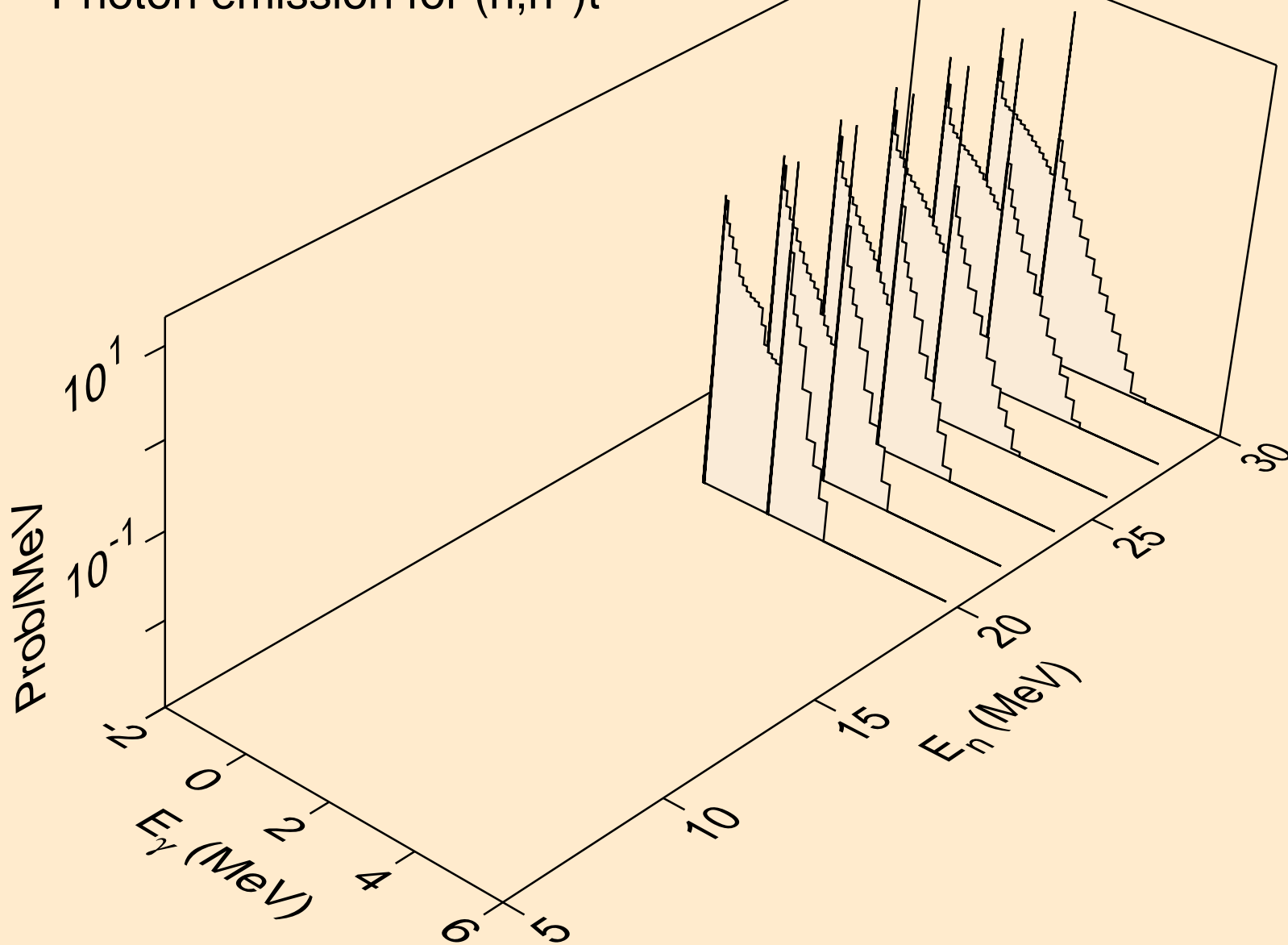
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



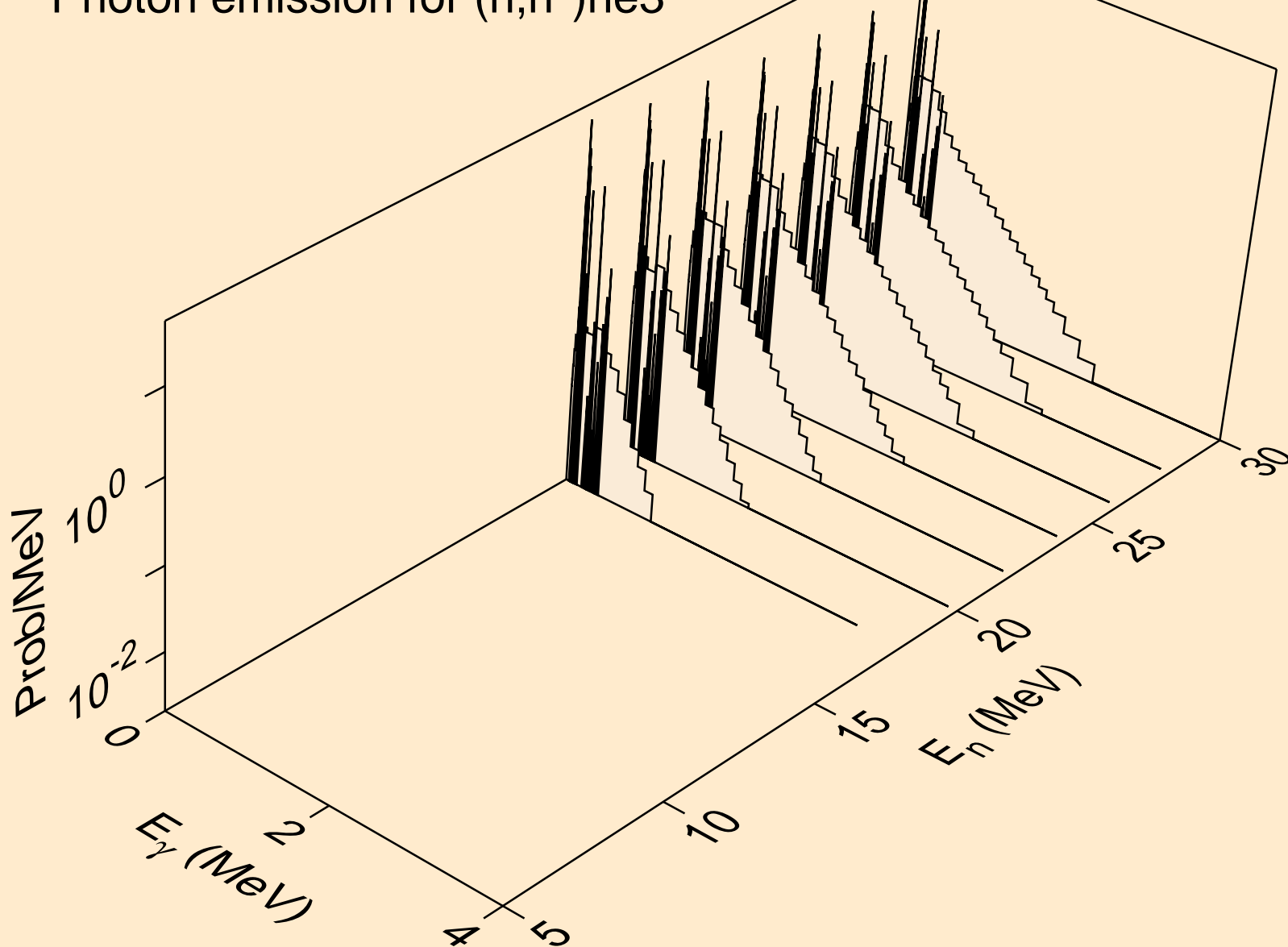
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



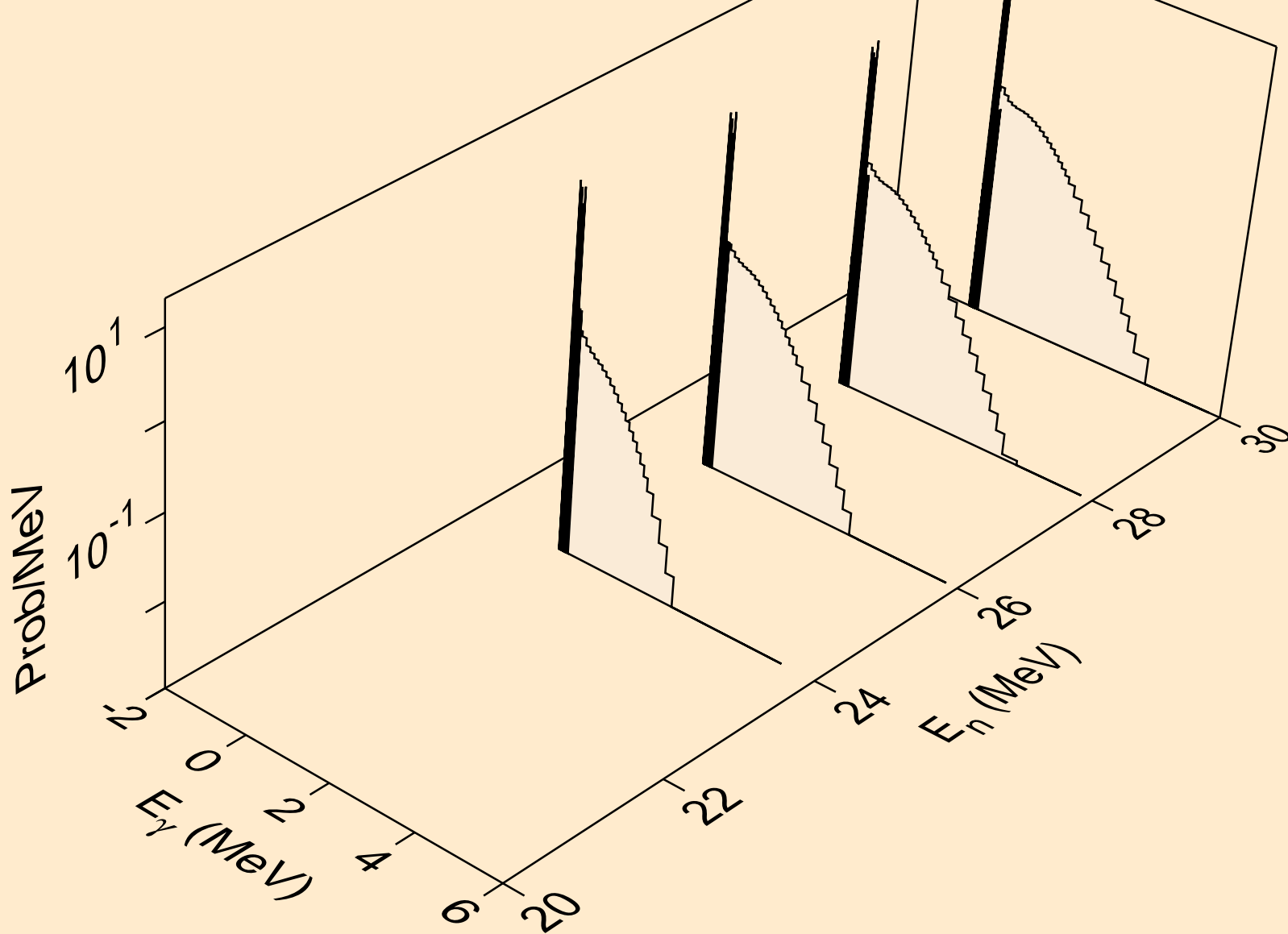
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



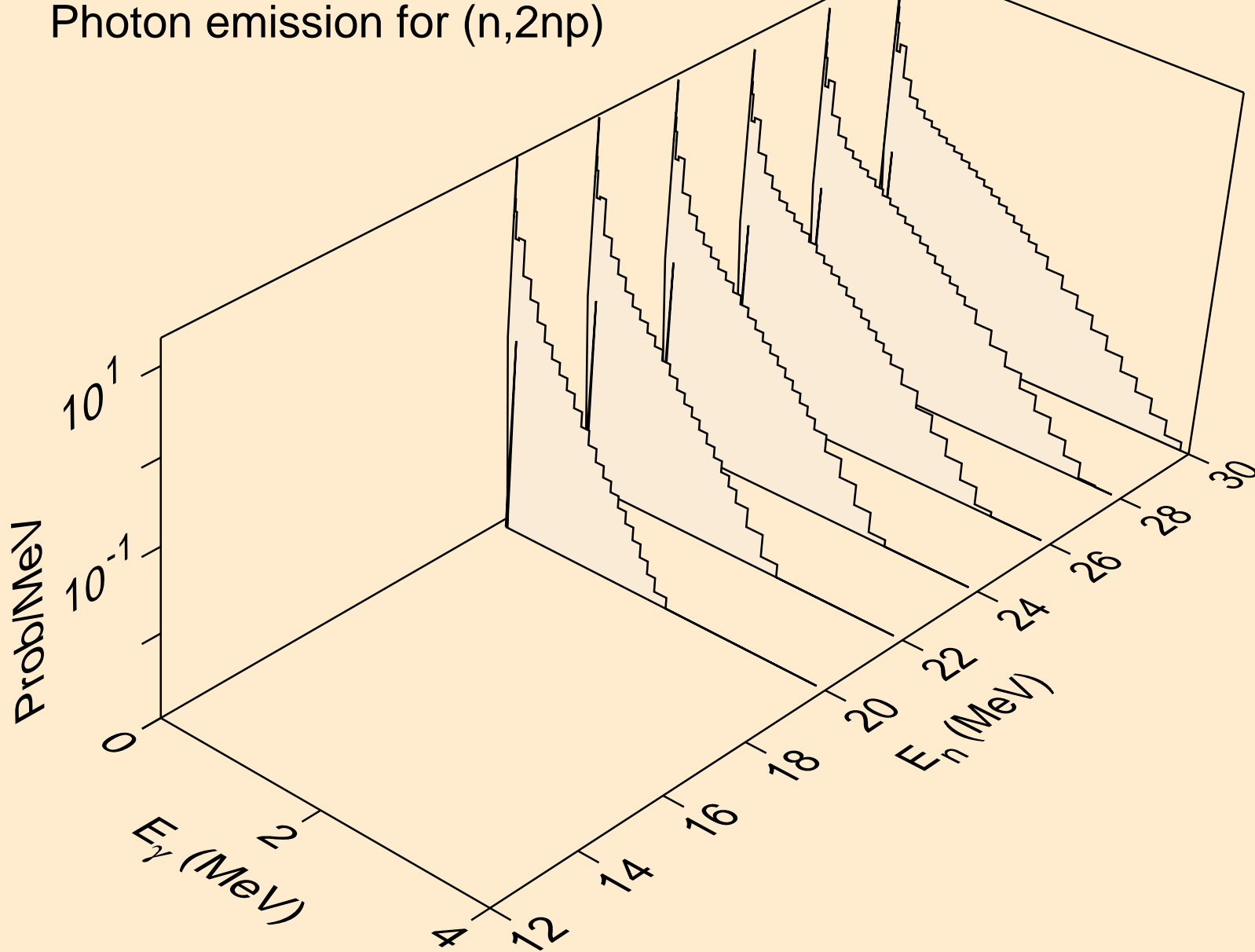
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



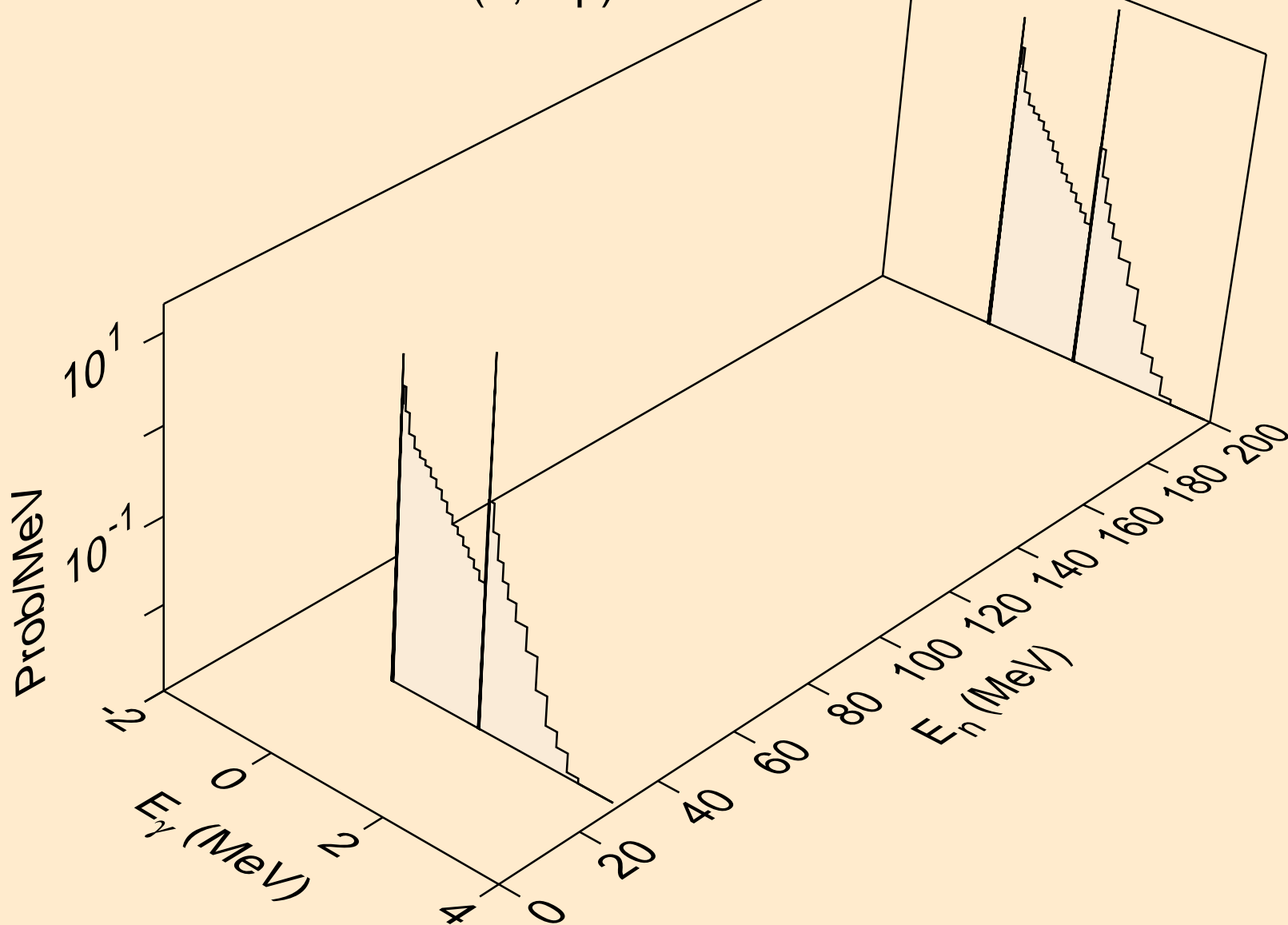
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



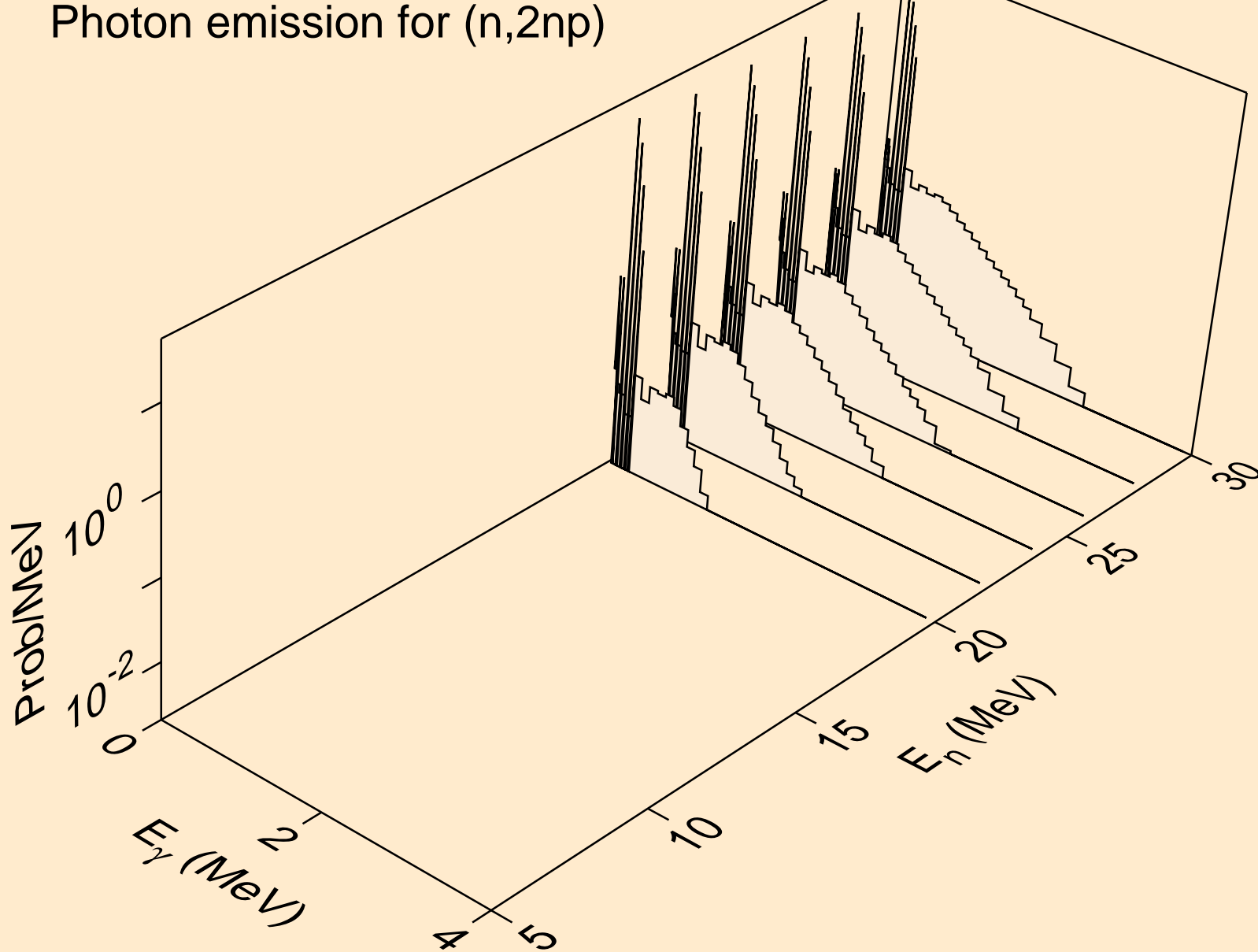
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



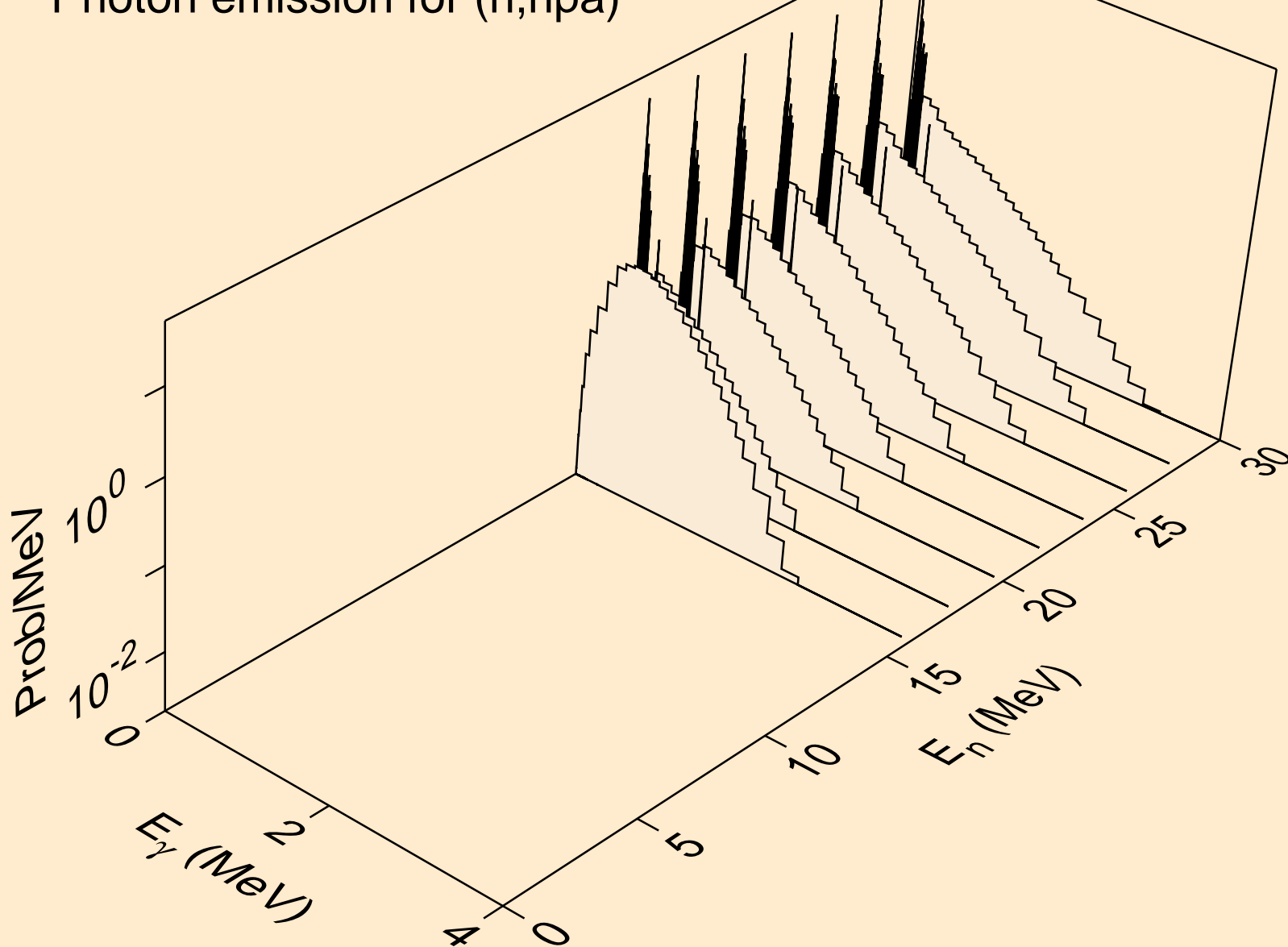
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



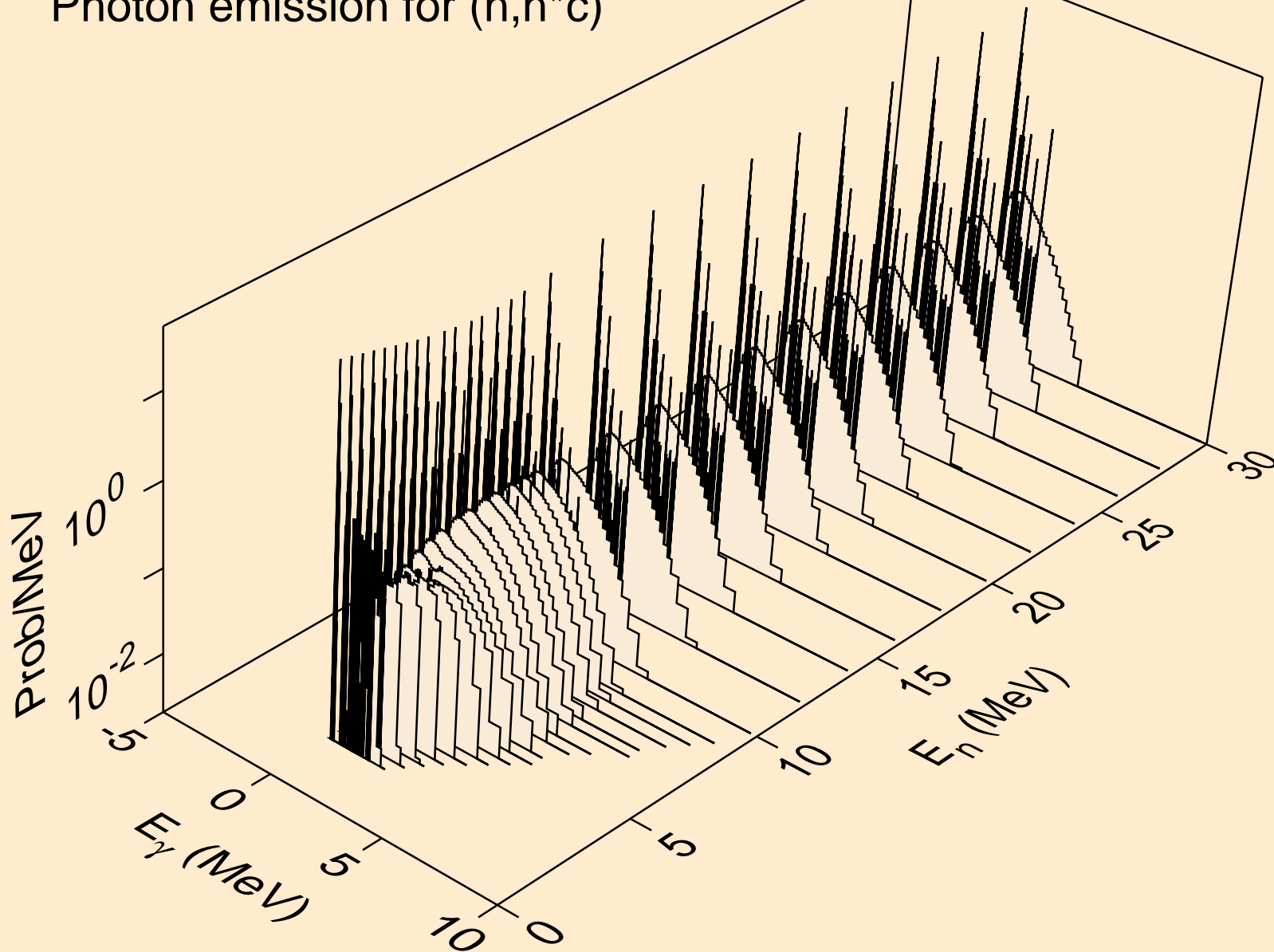
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



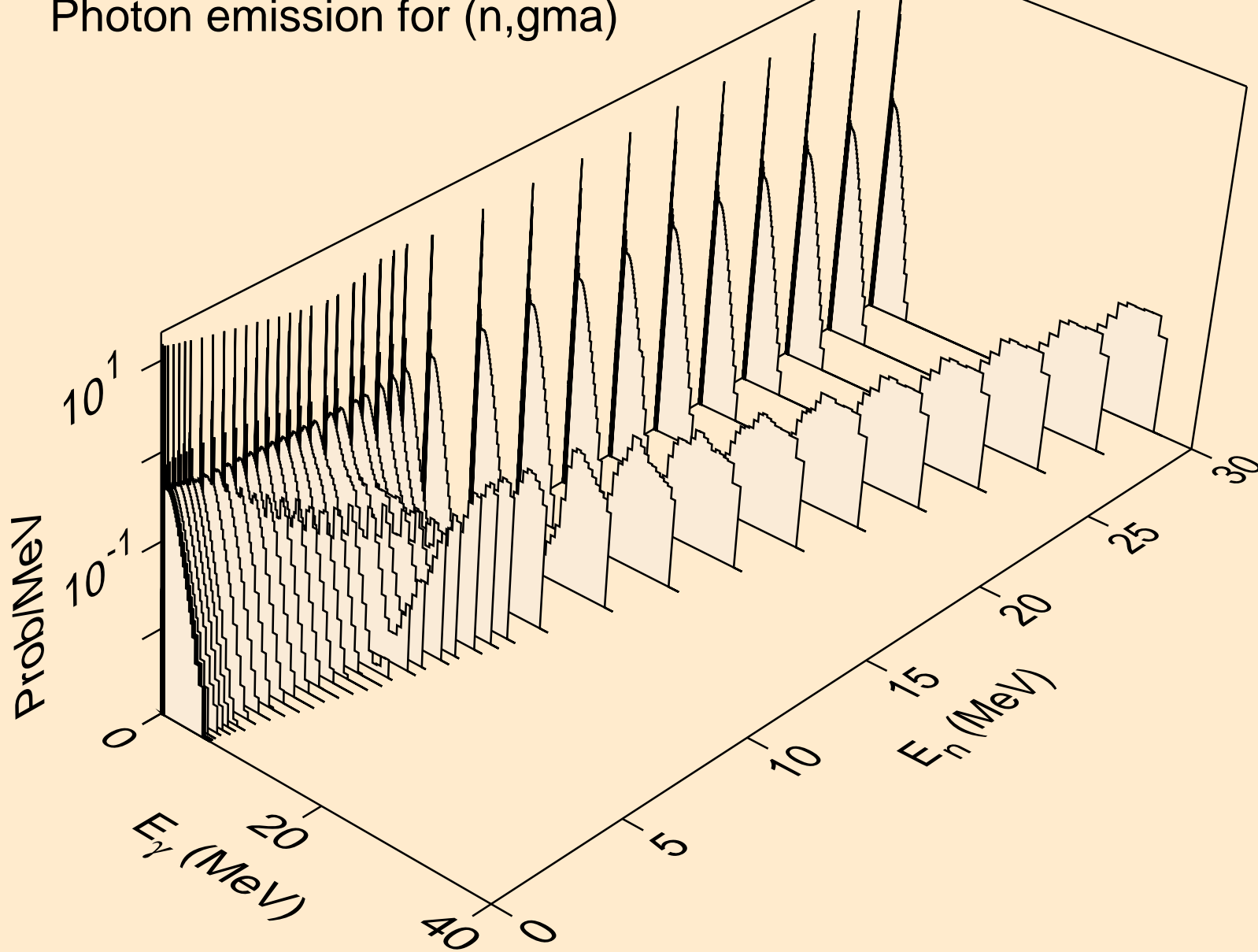
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



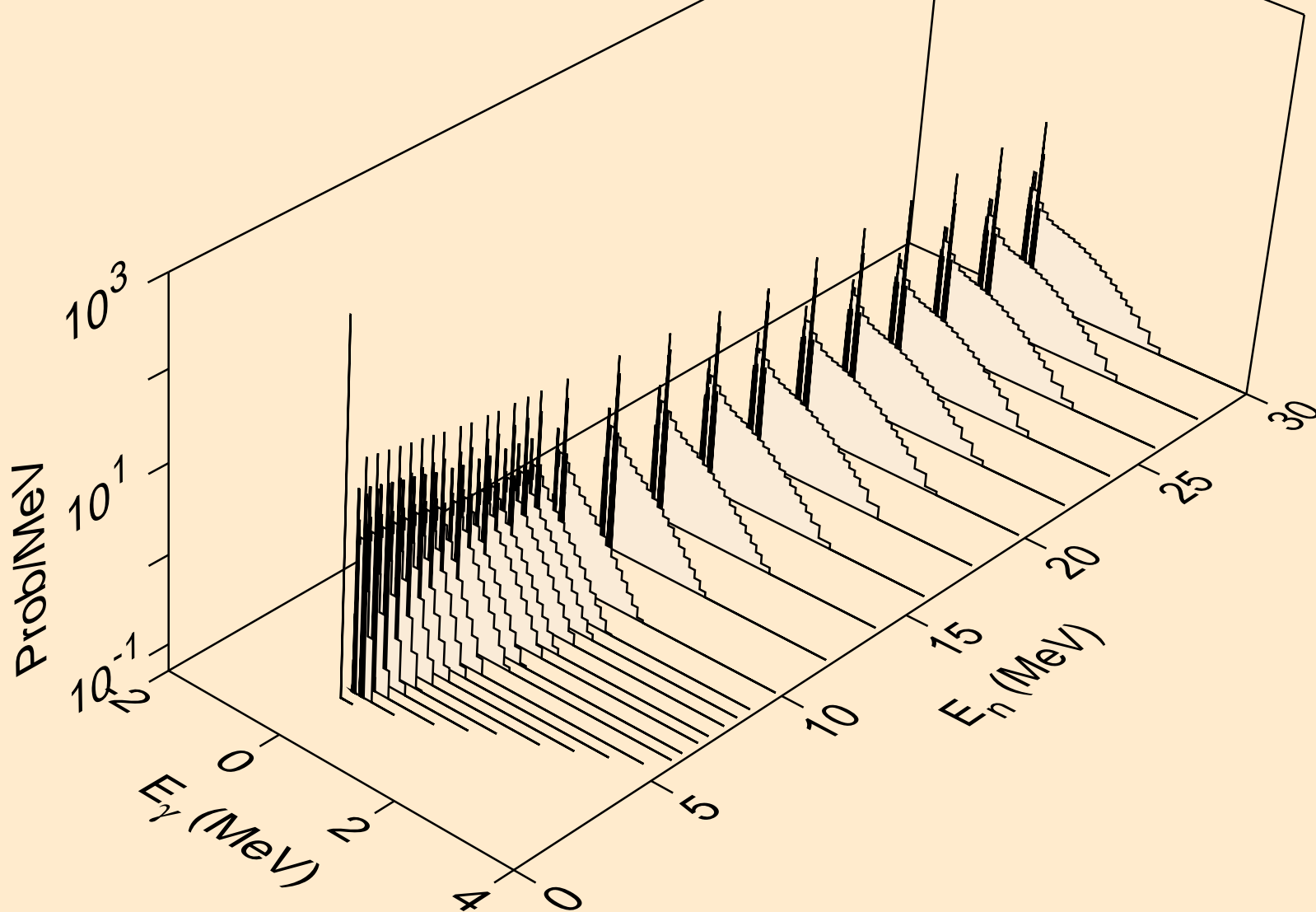
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



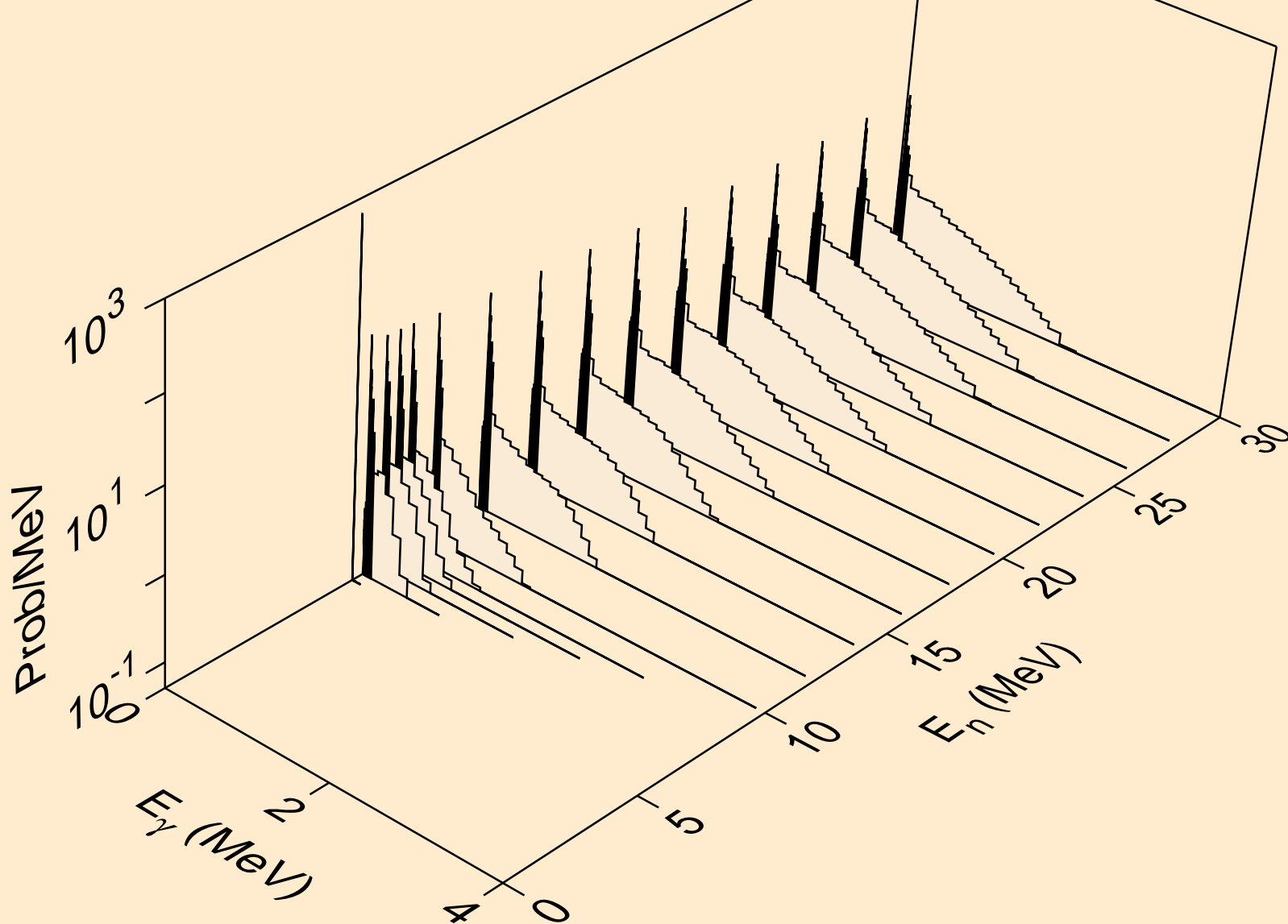
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



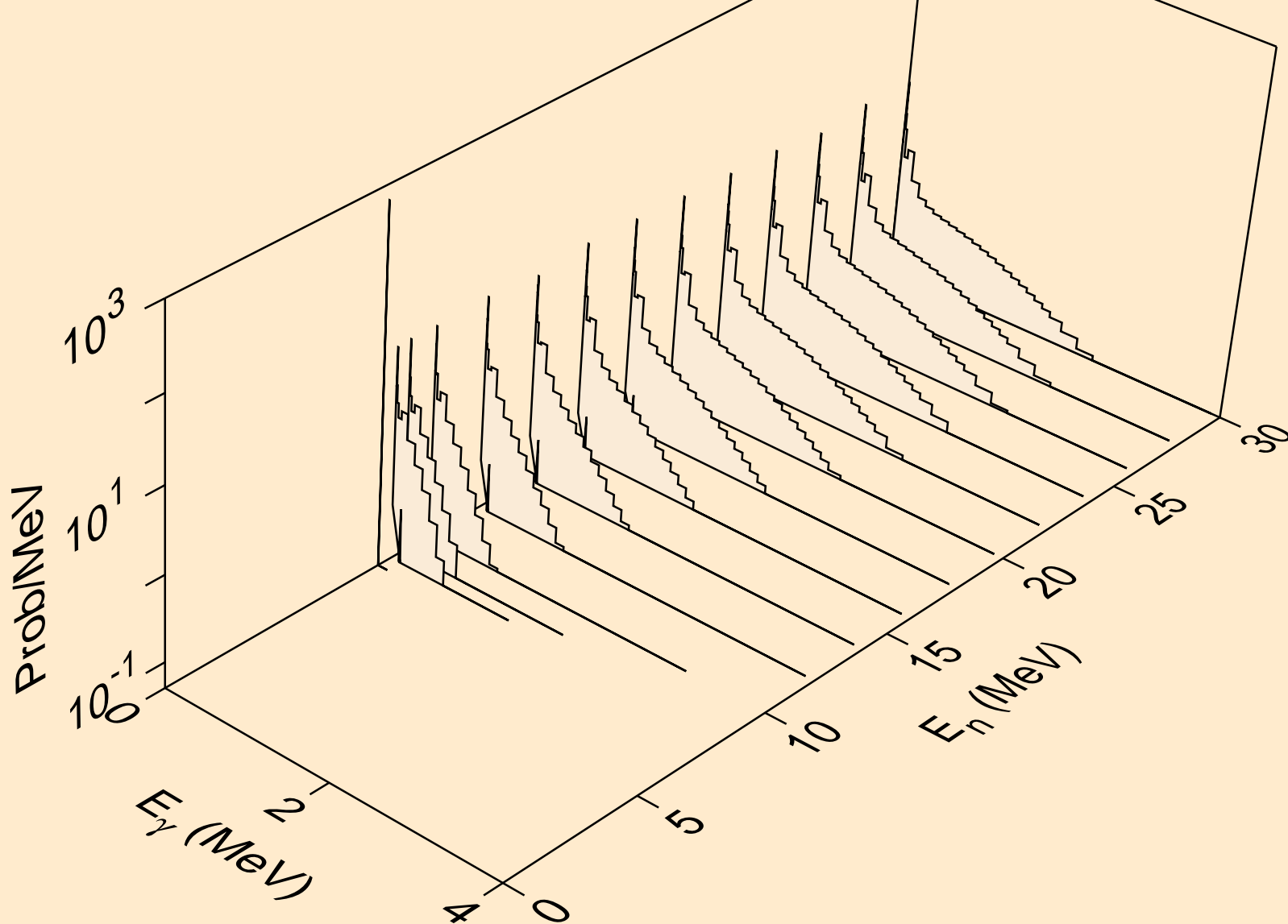
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



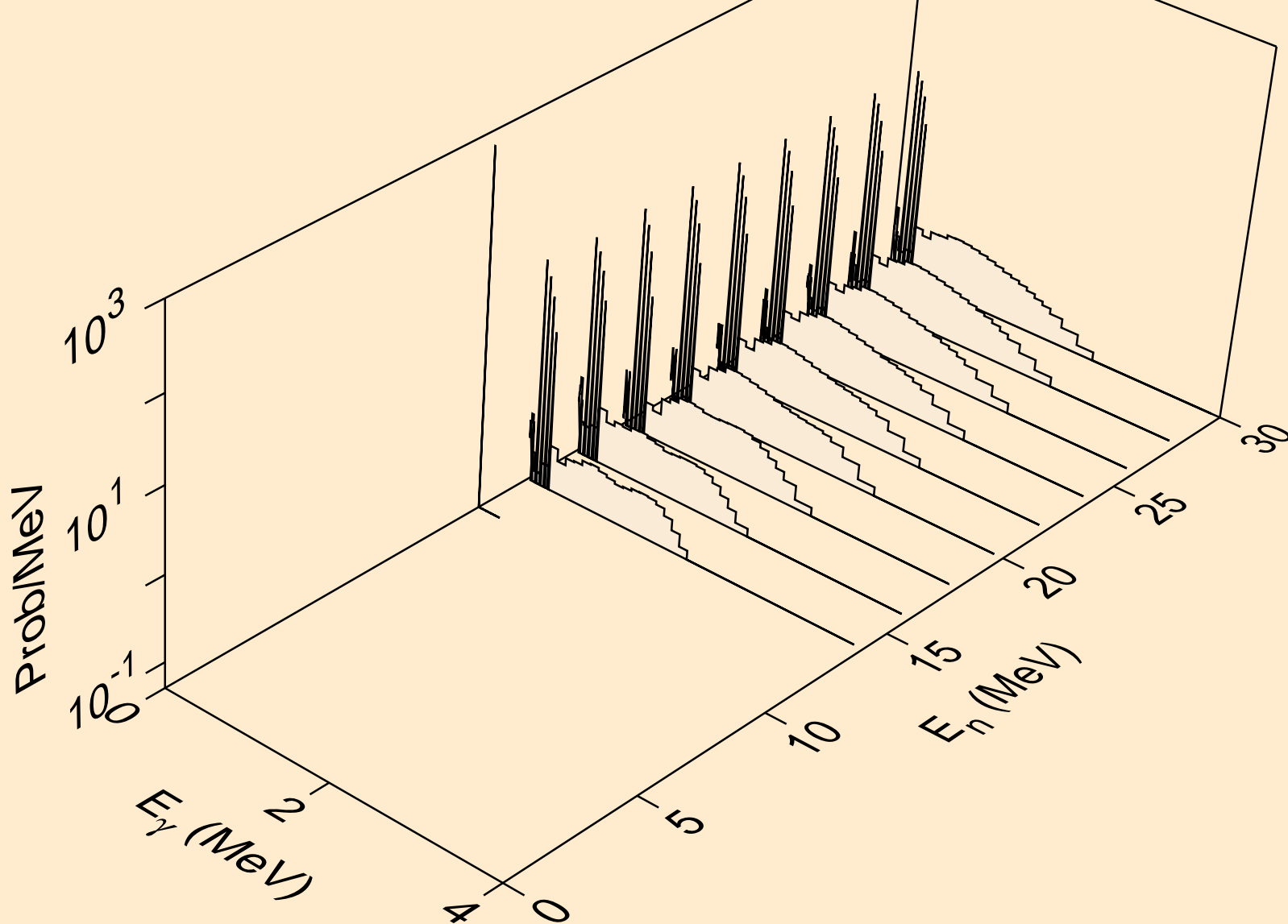
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



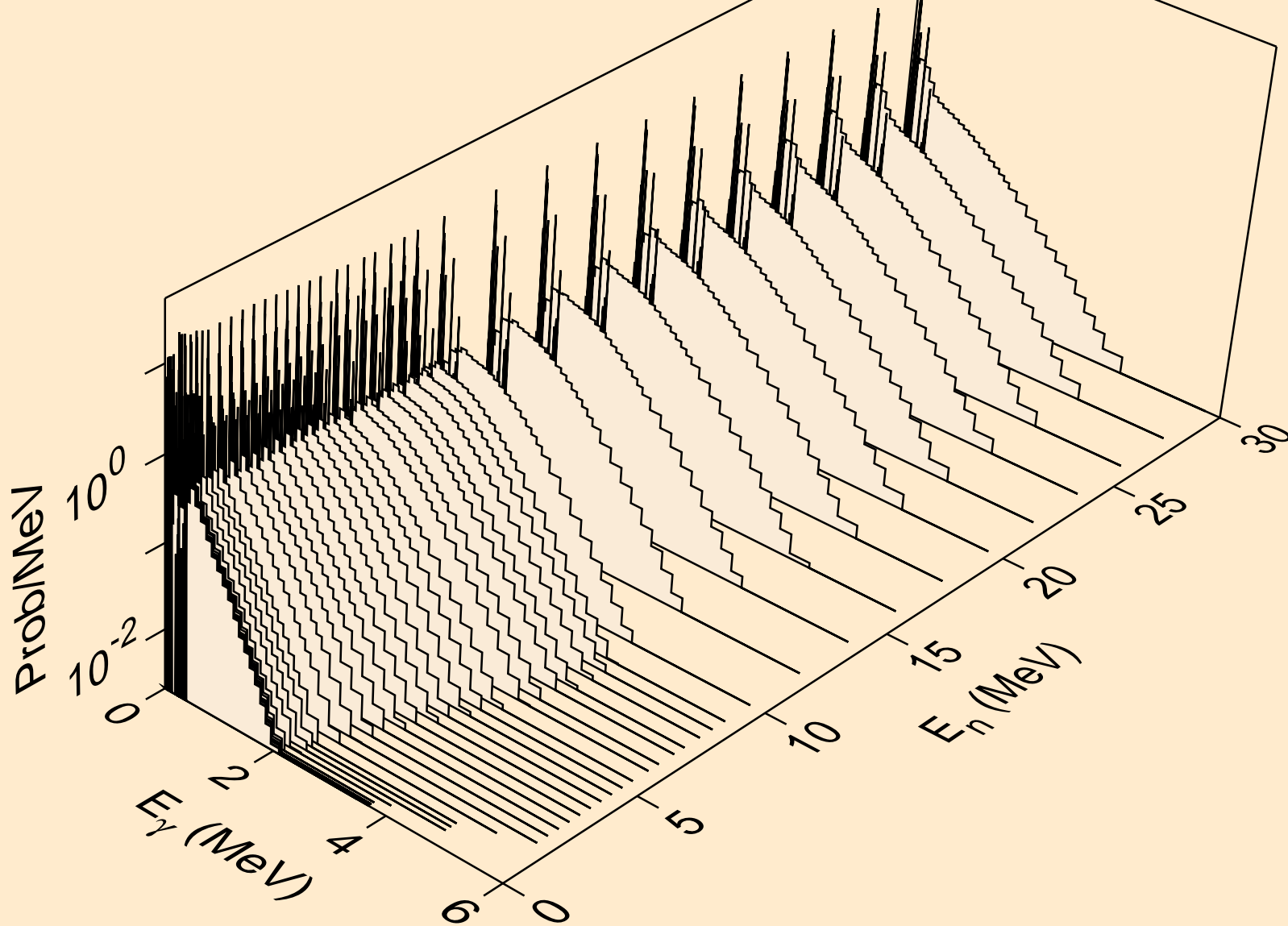
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



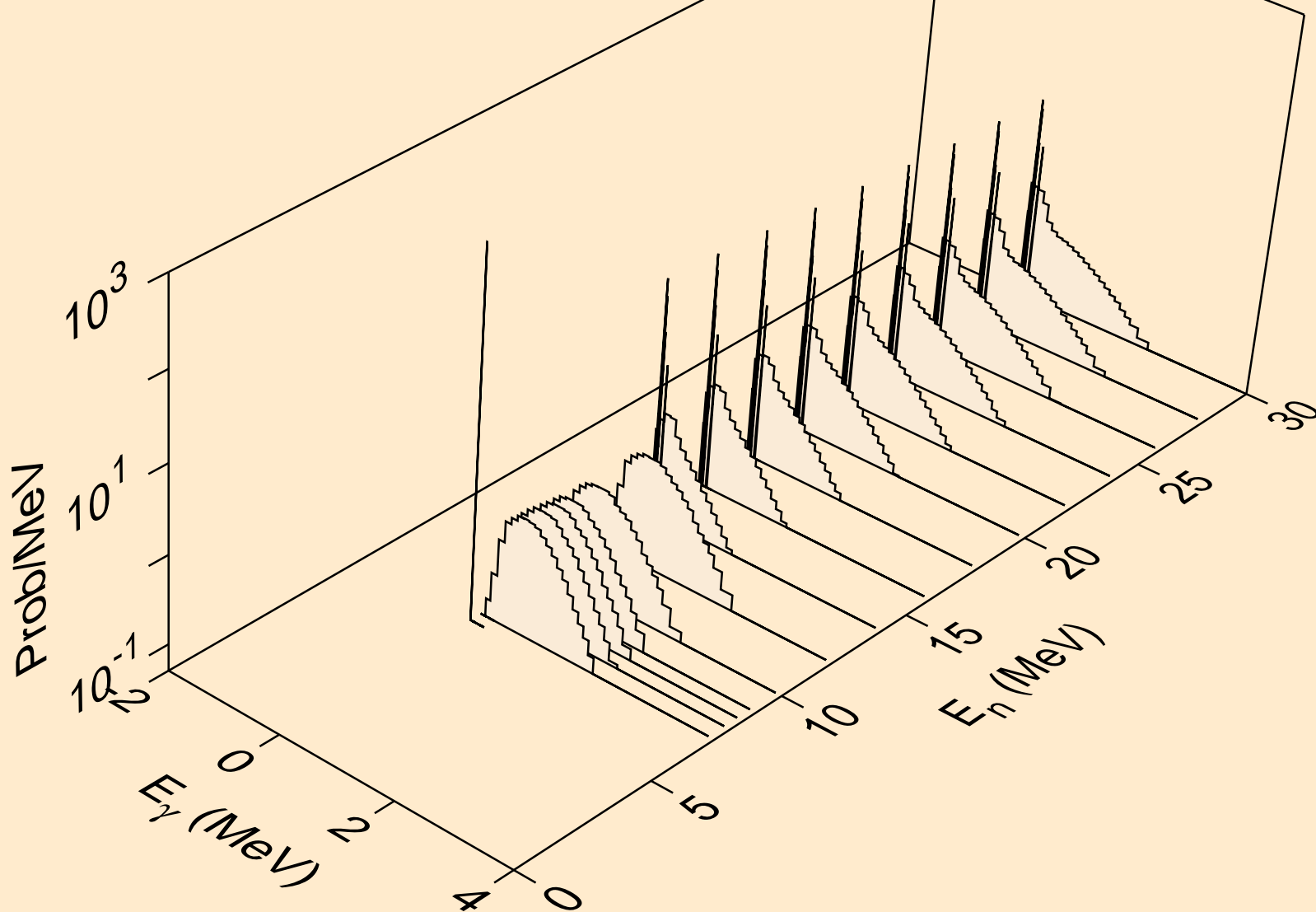
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



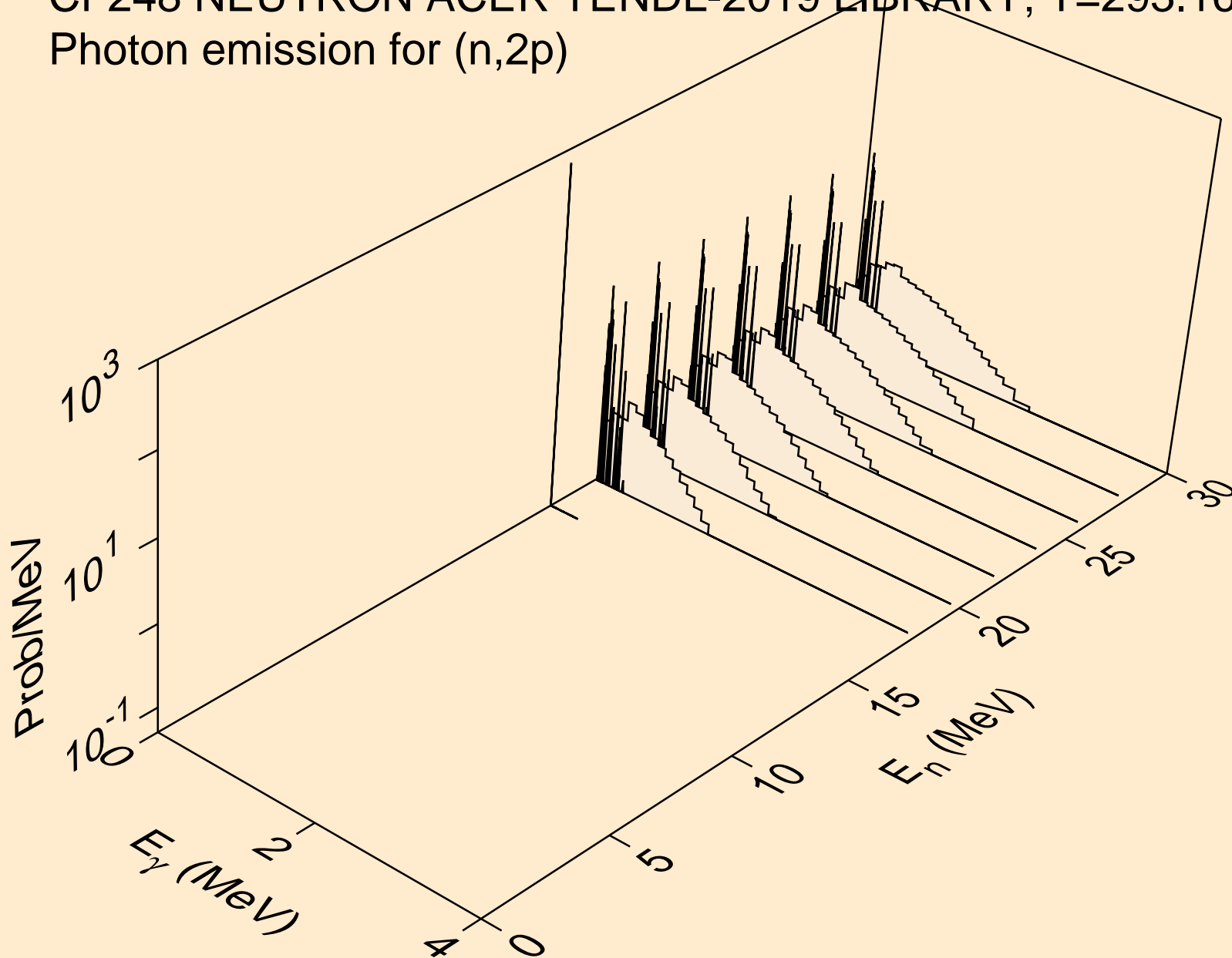
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



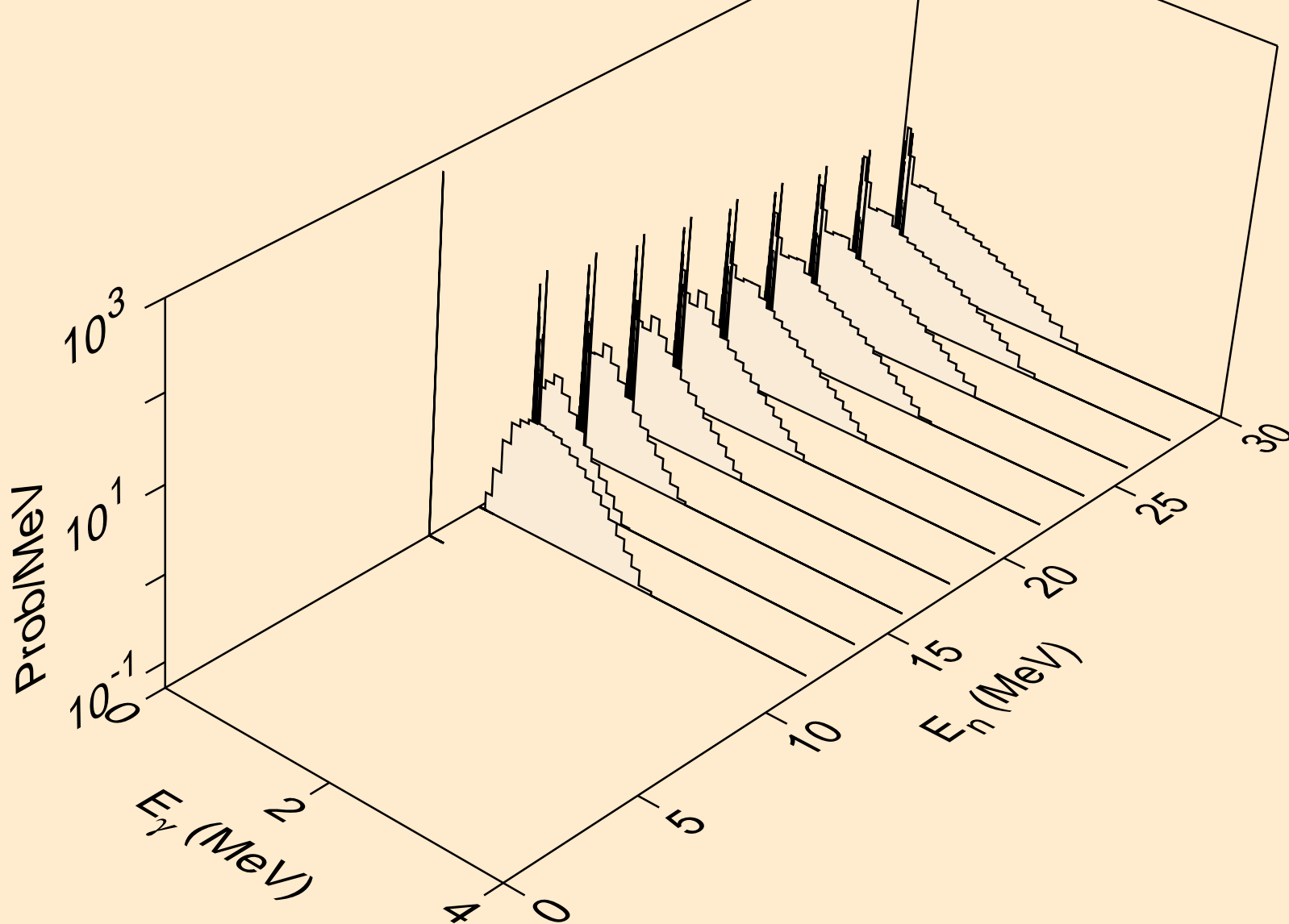
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



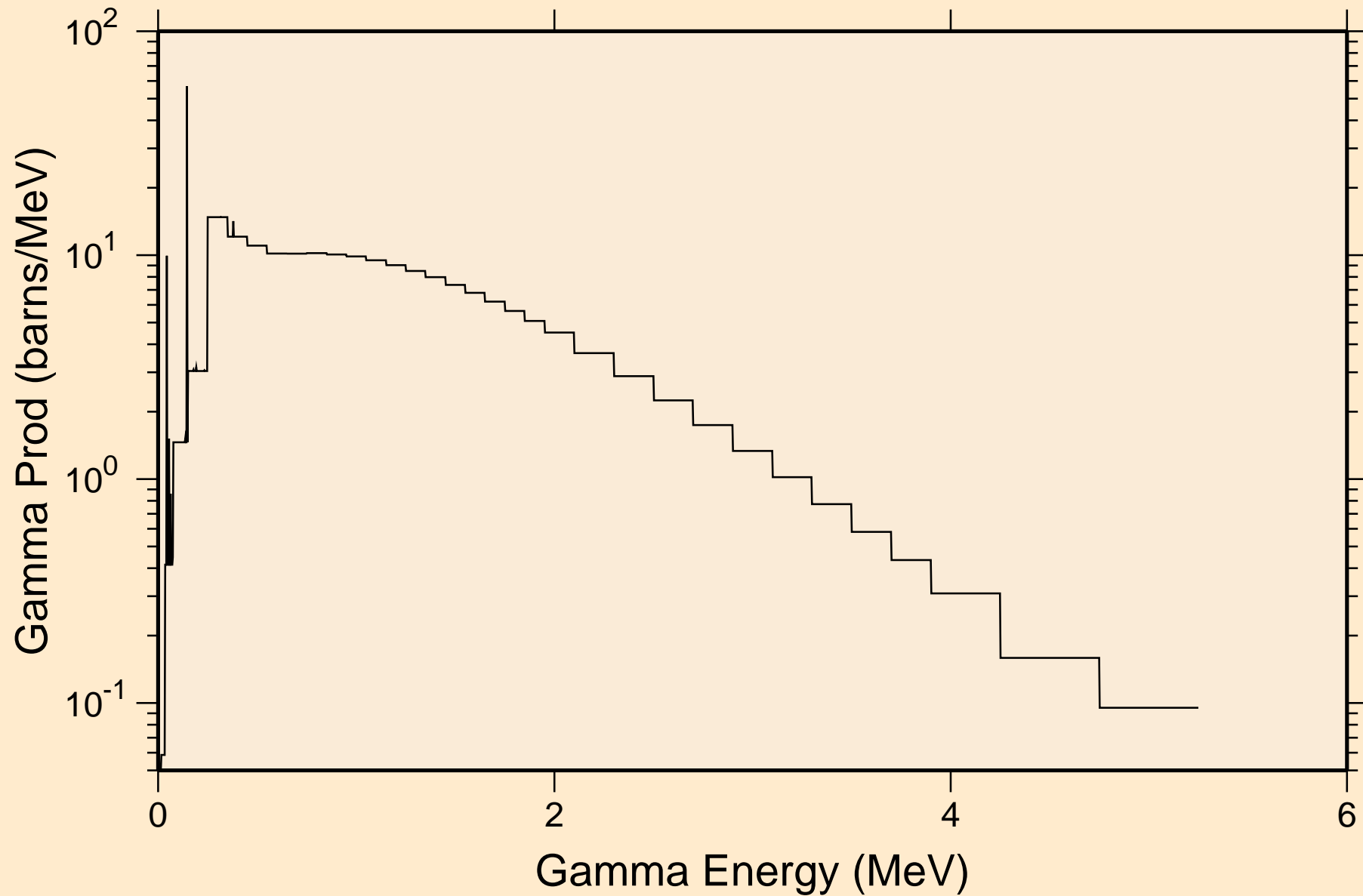
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



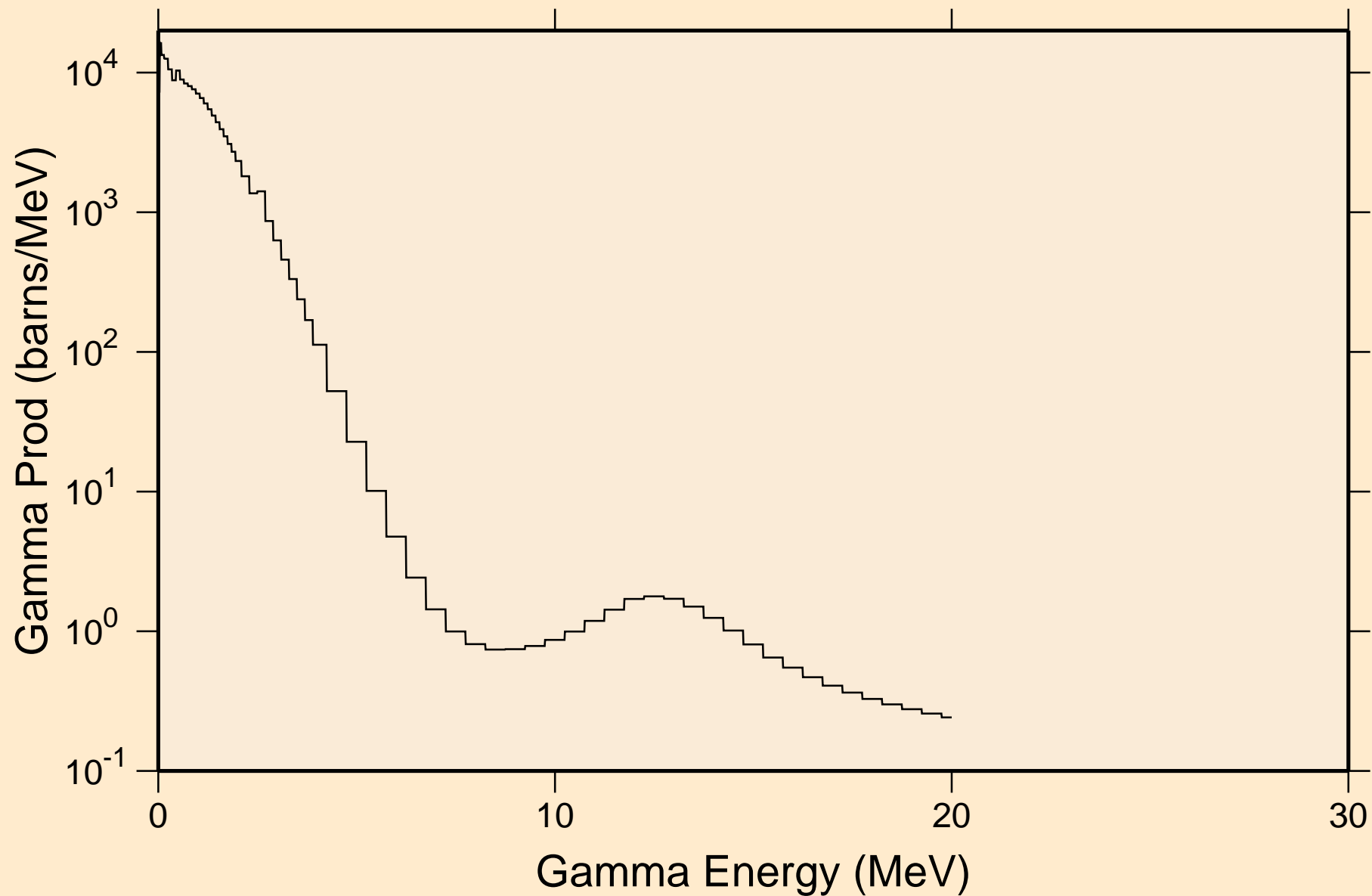
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

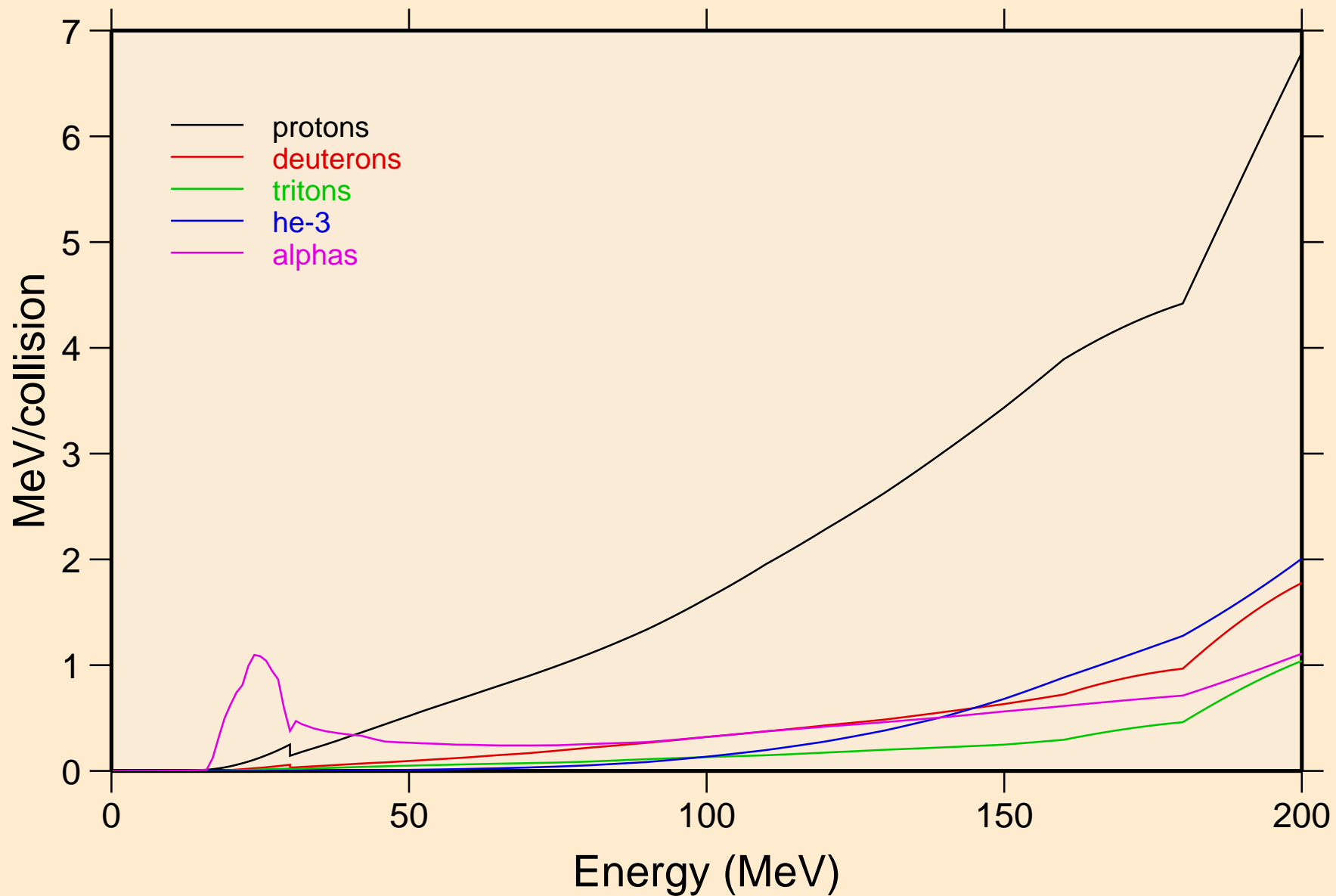


CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

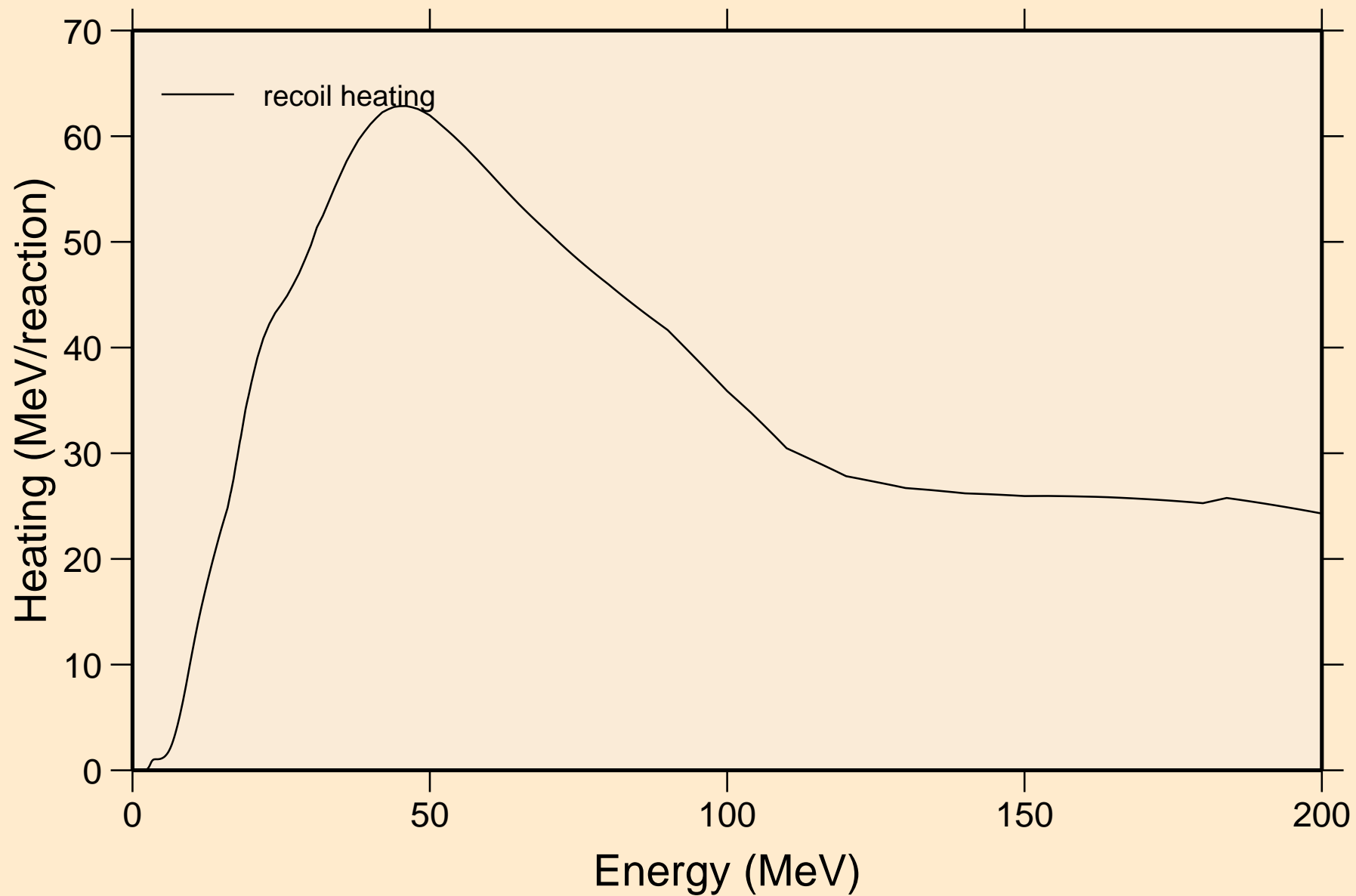


CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Particle heating contributions

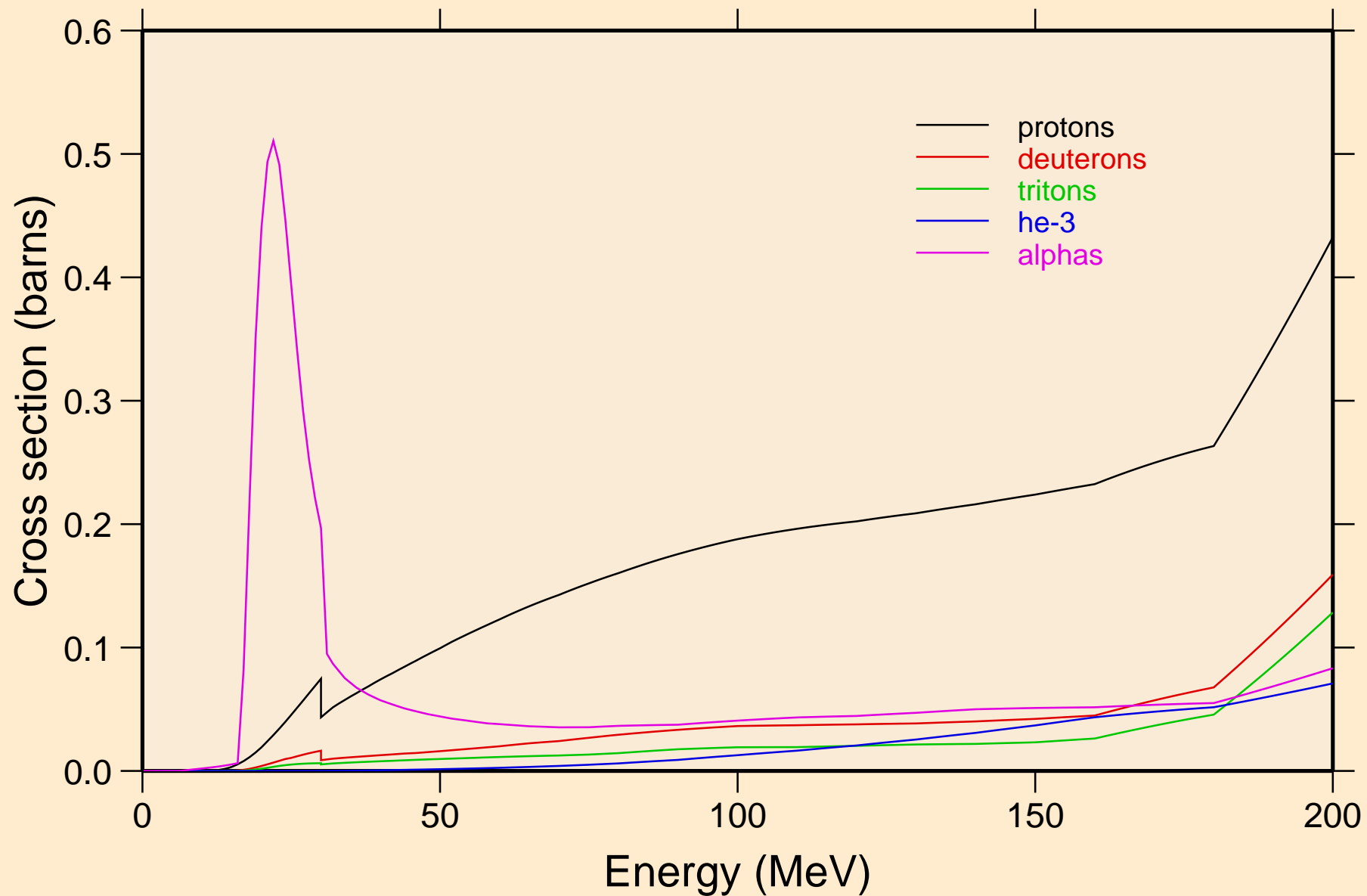


CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

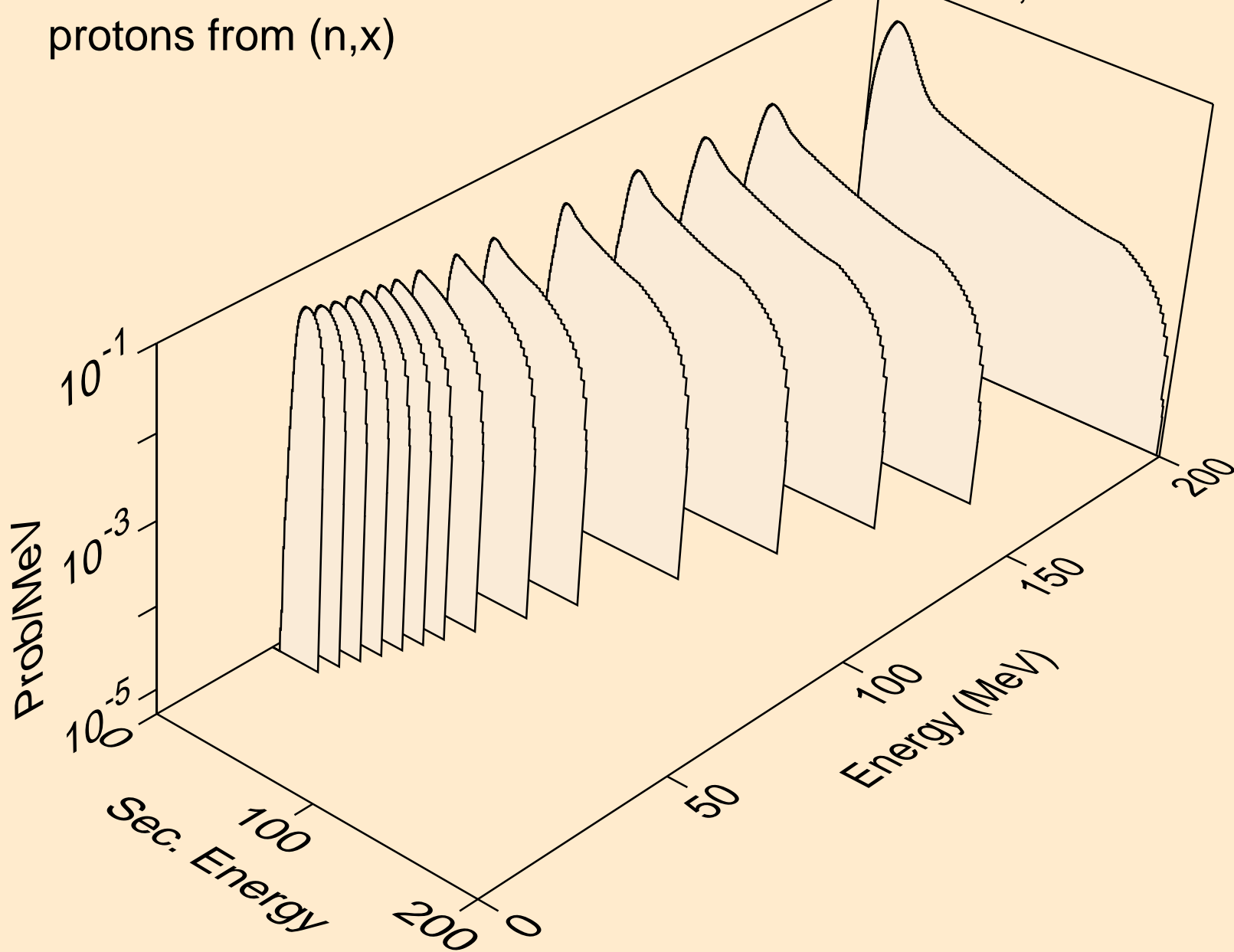


CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

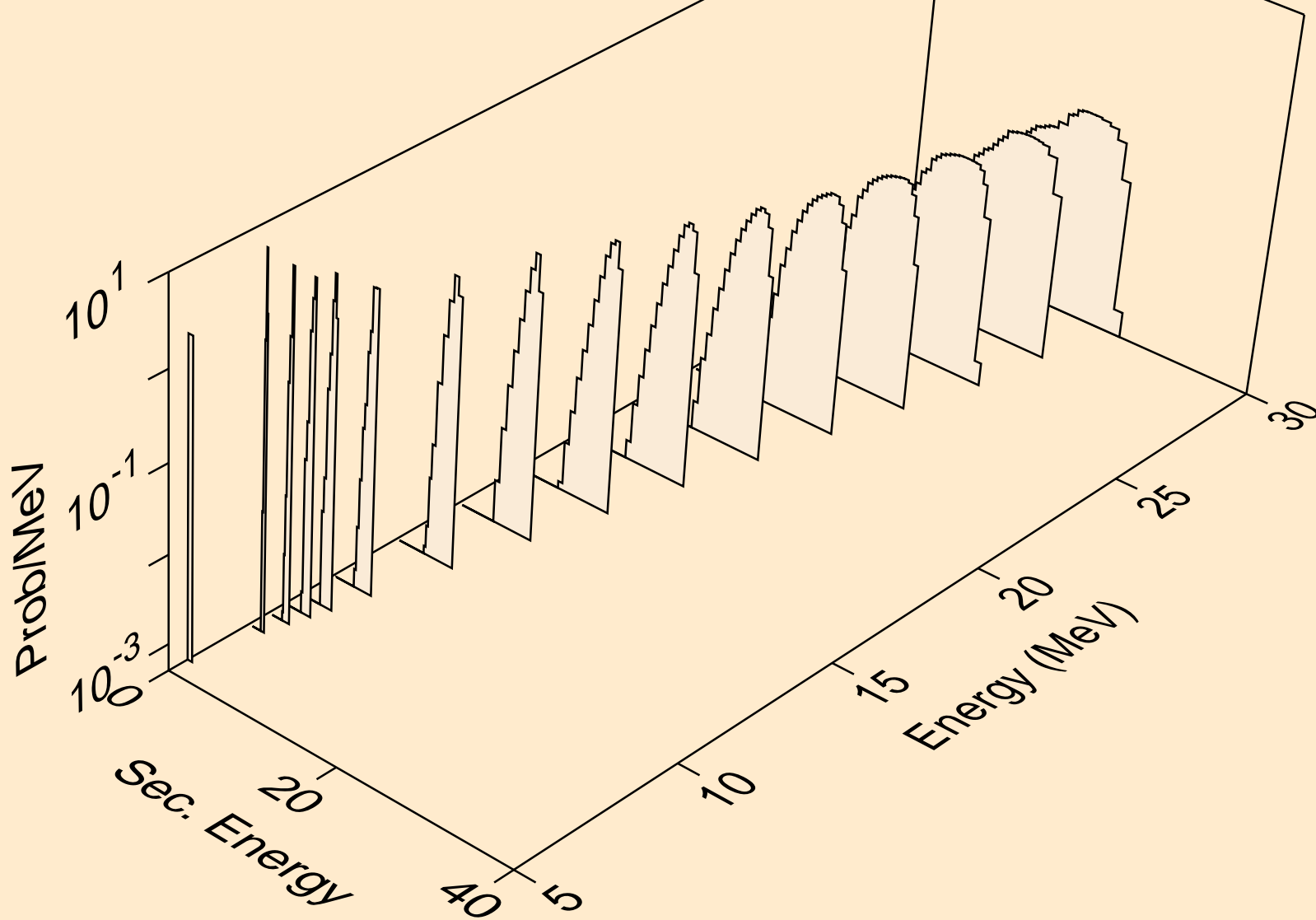
Particle production cross sections



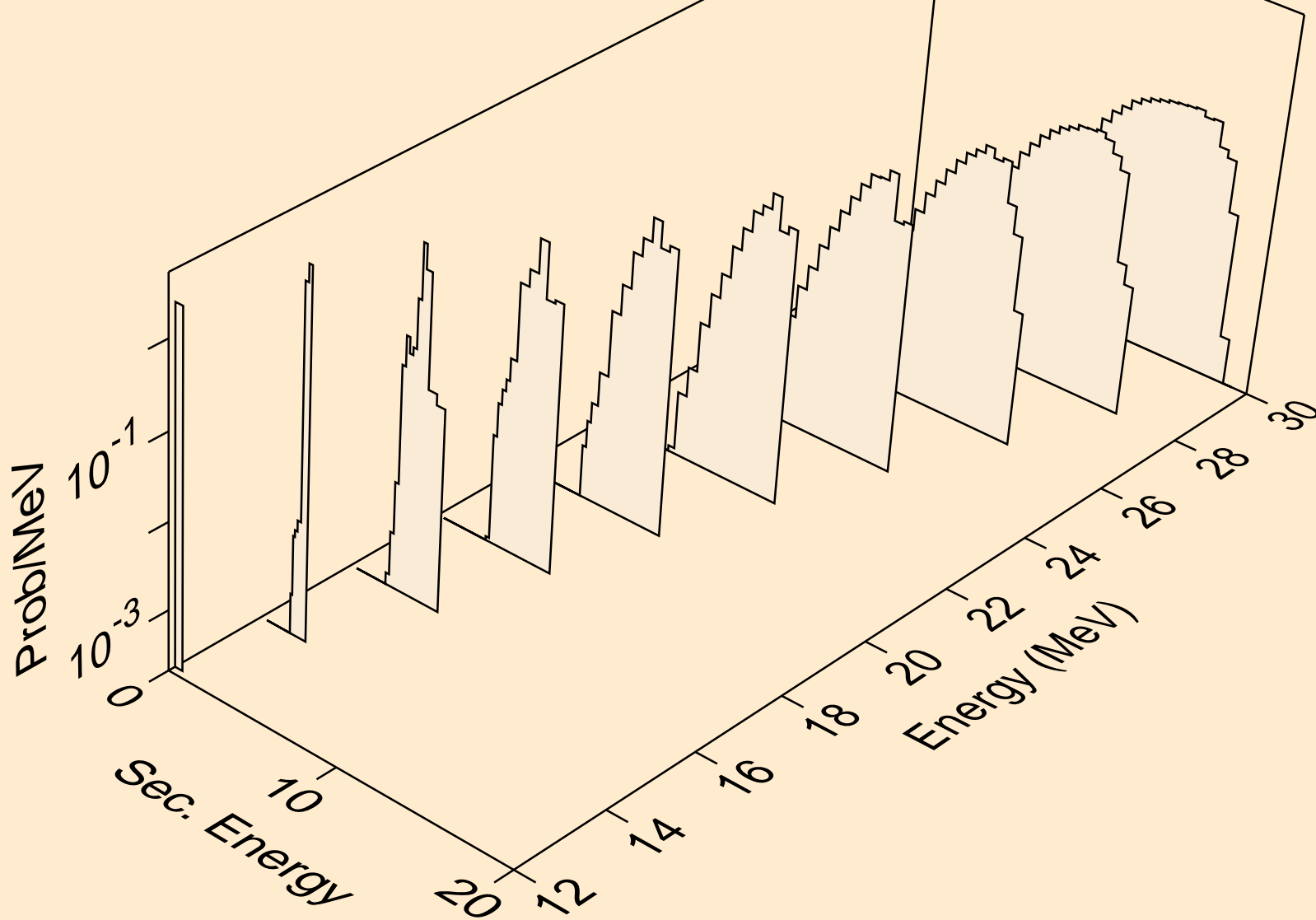
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



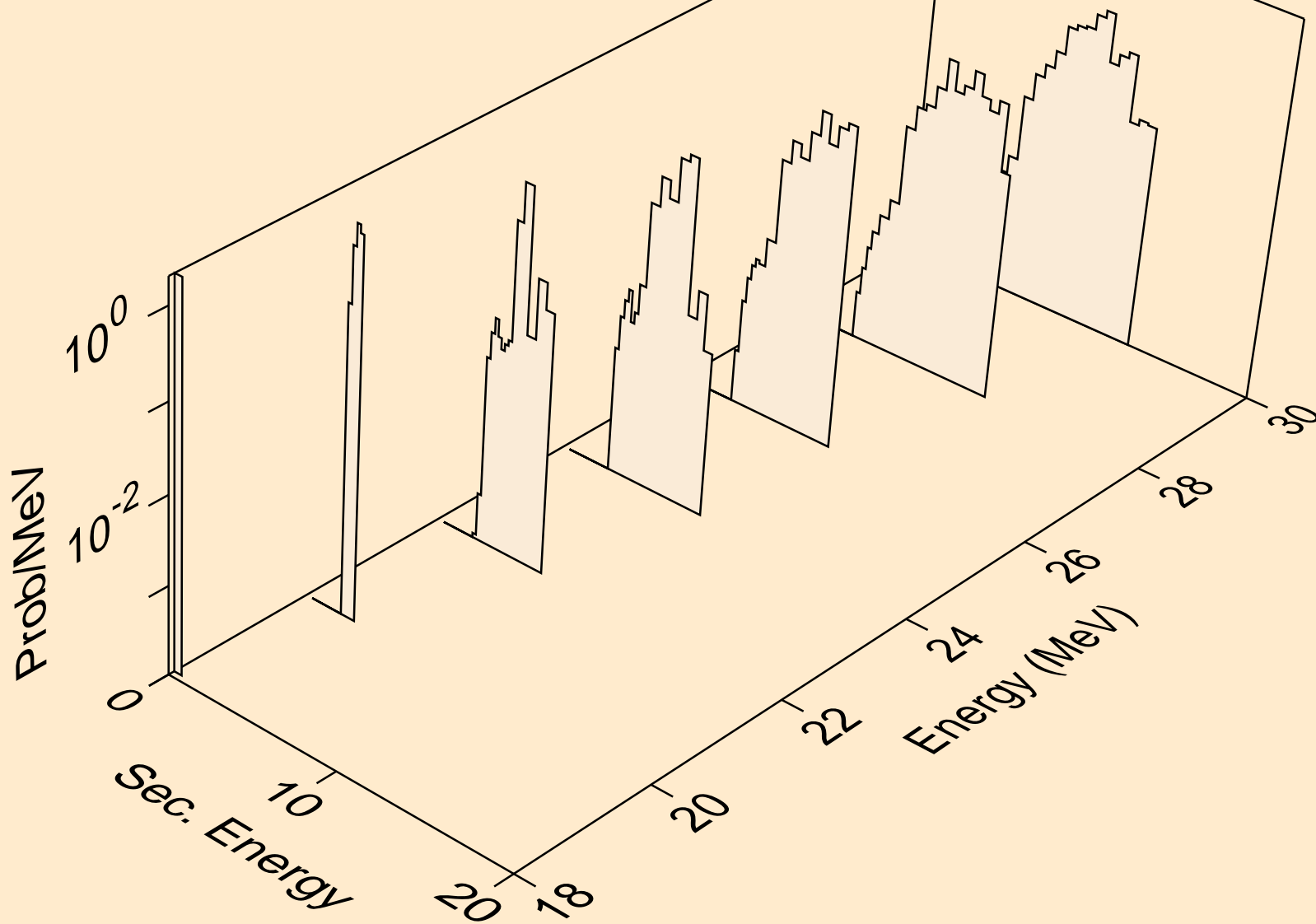
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



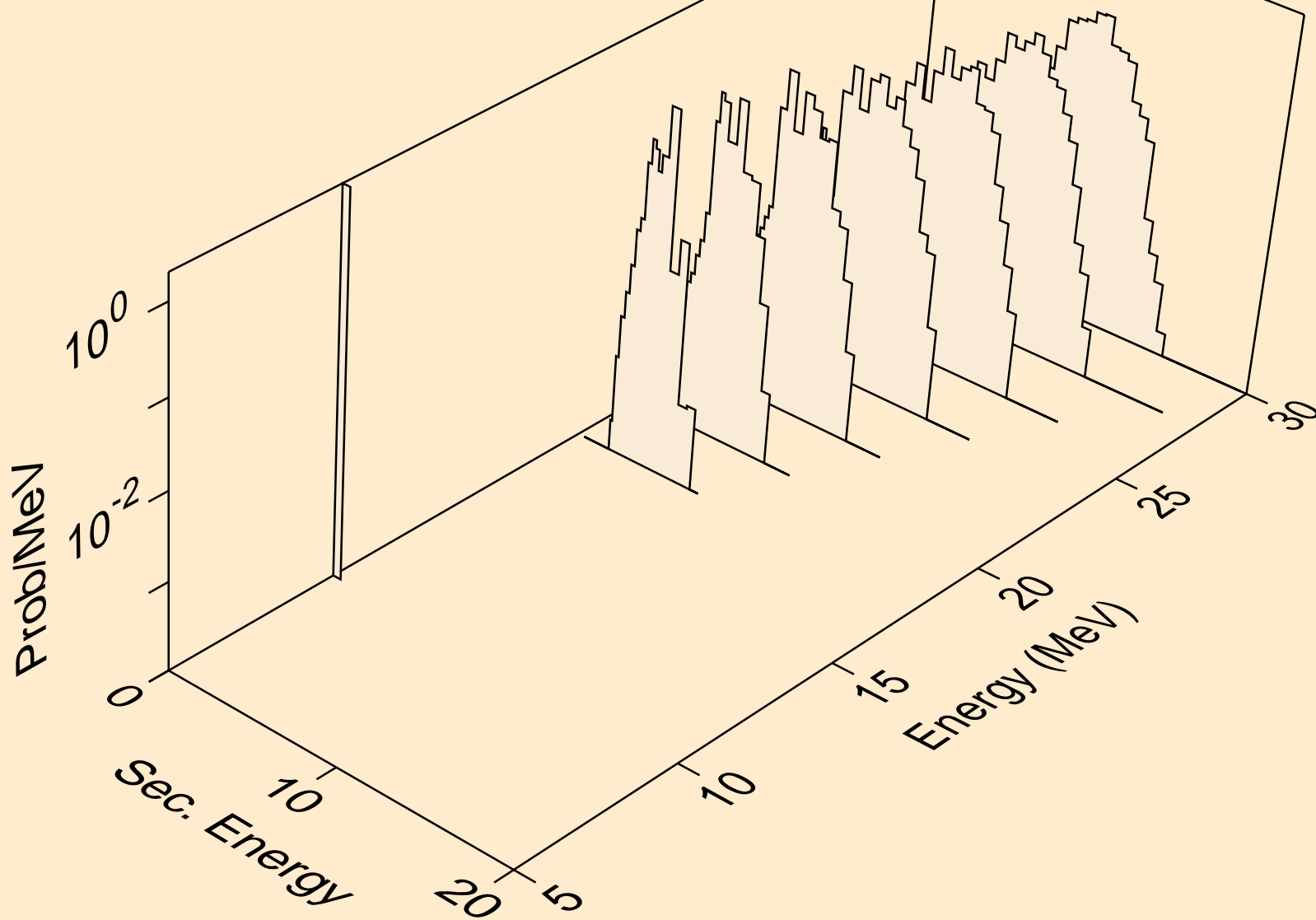
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



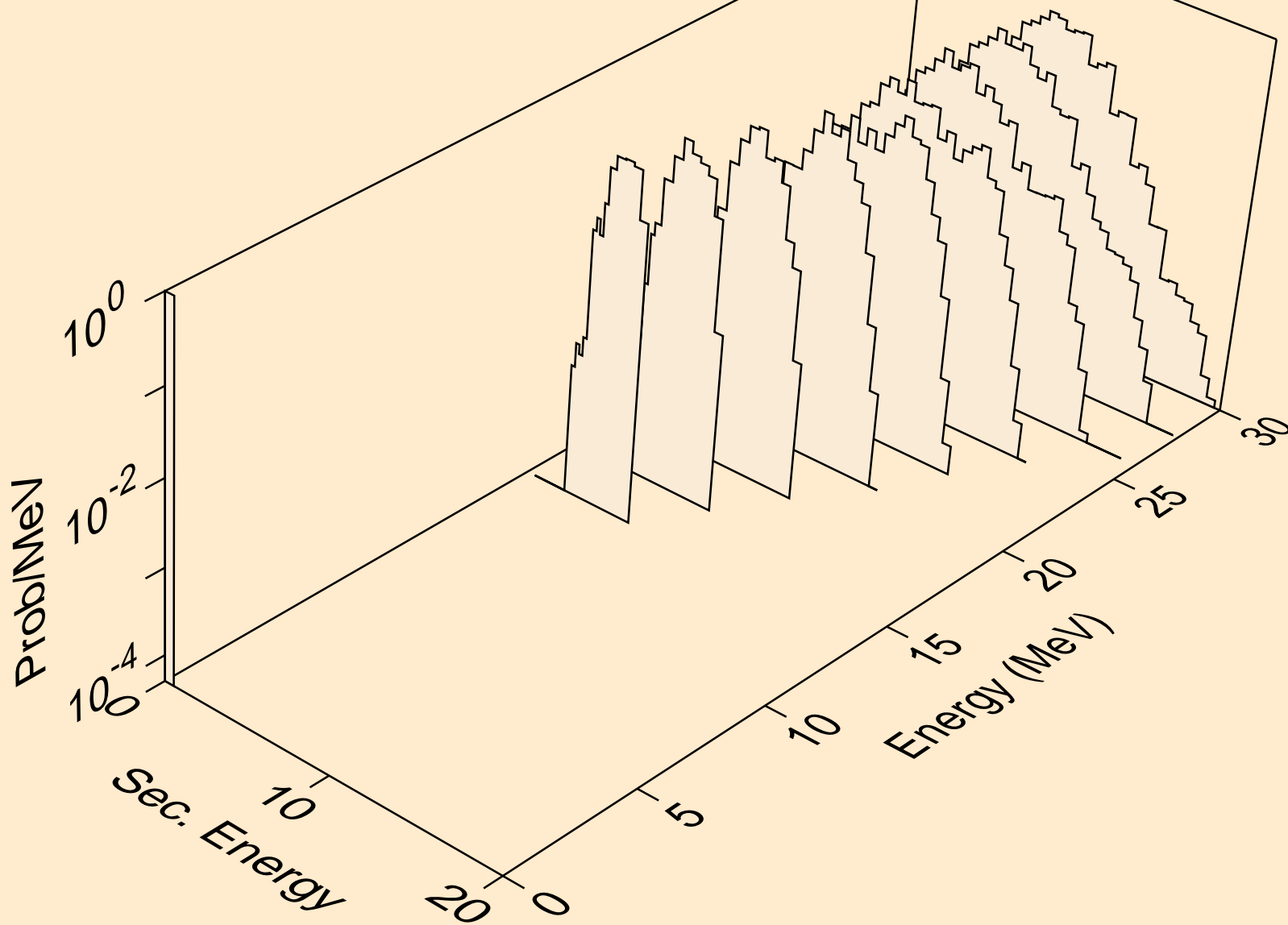
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



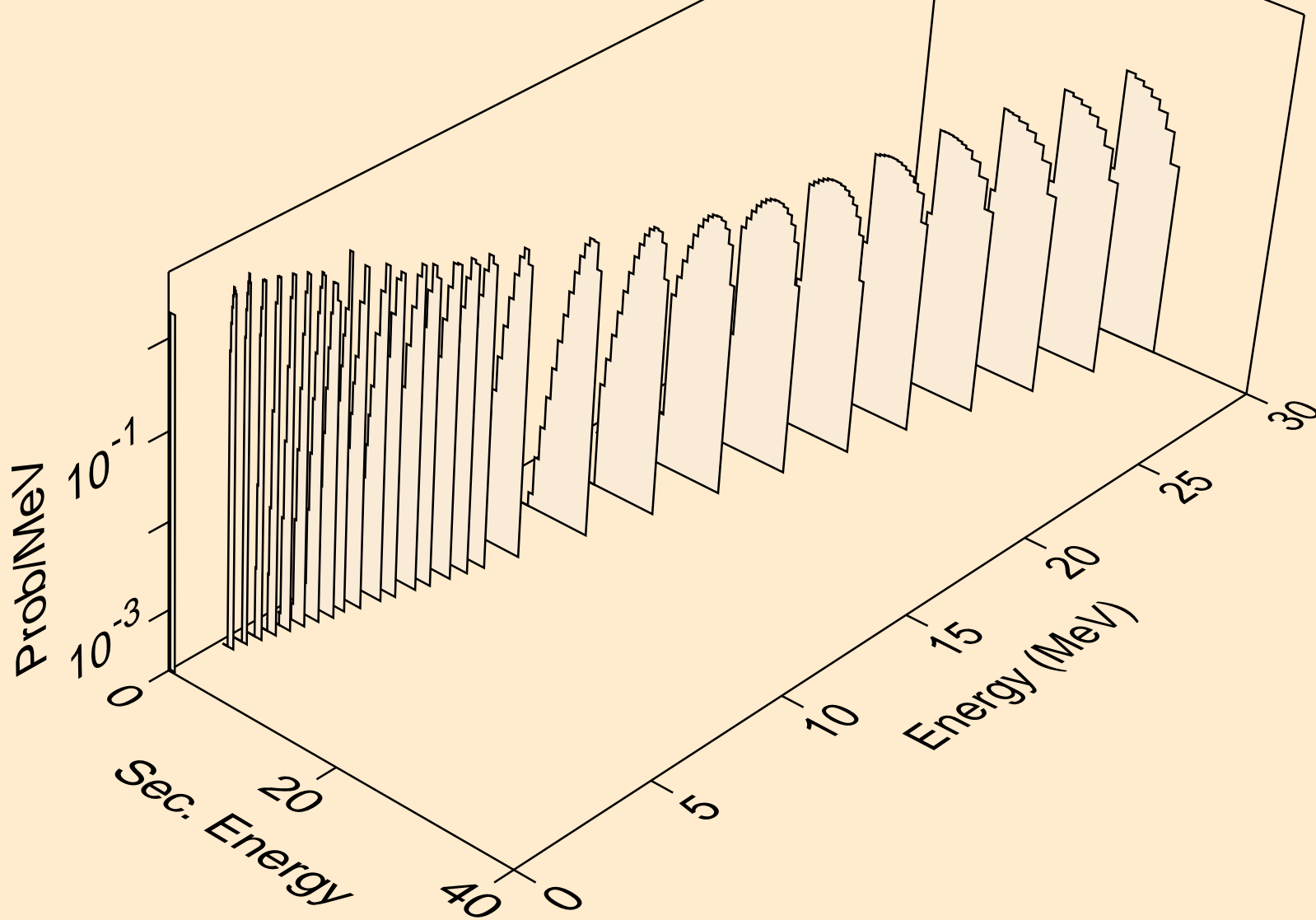
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



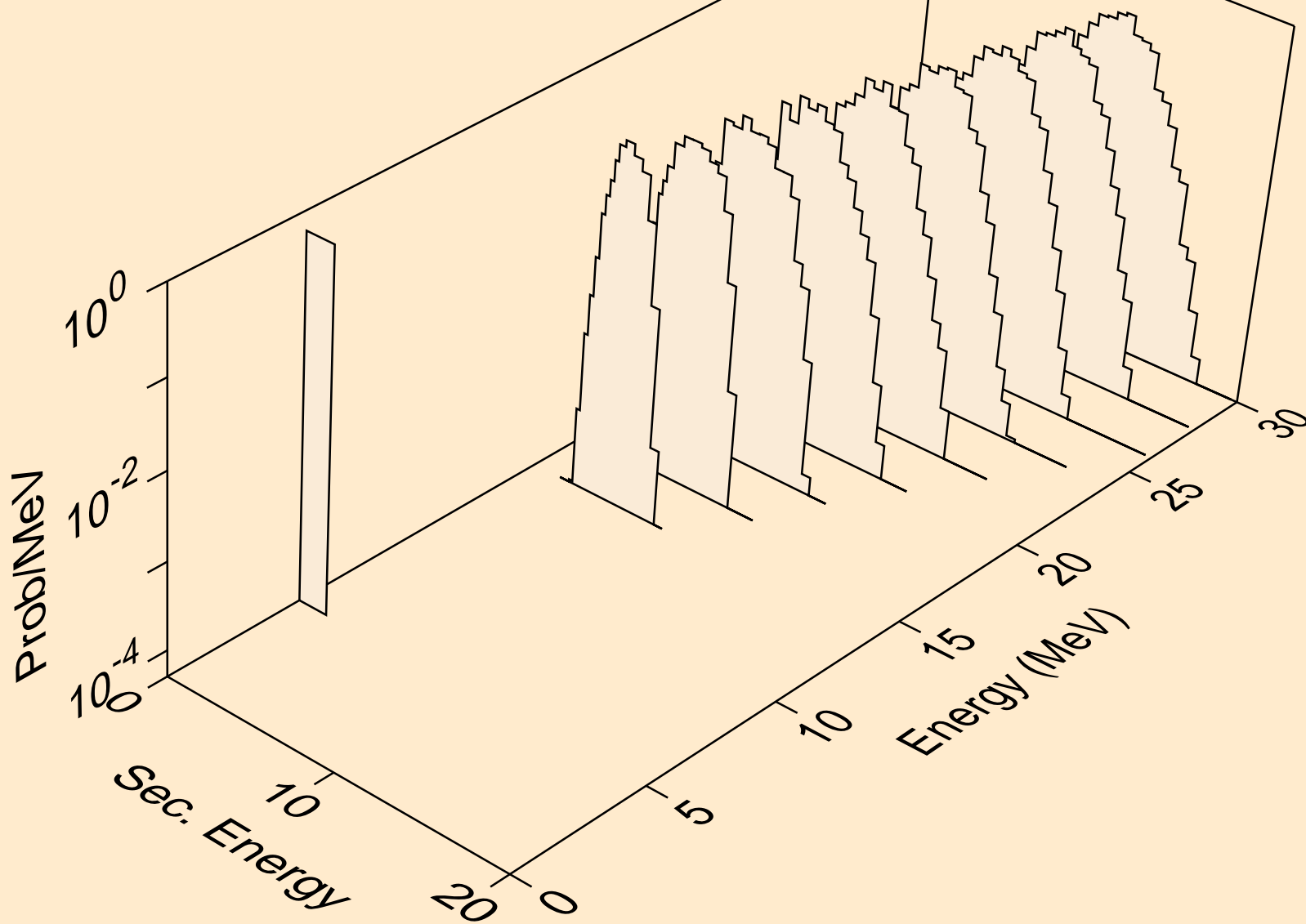
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



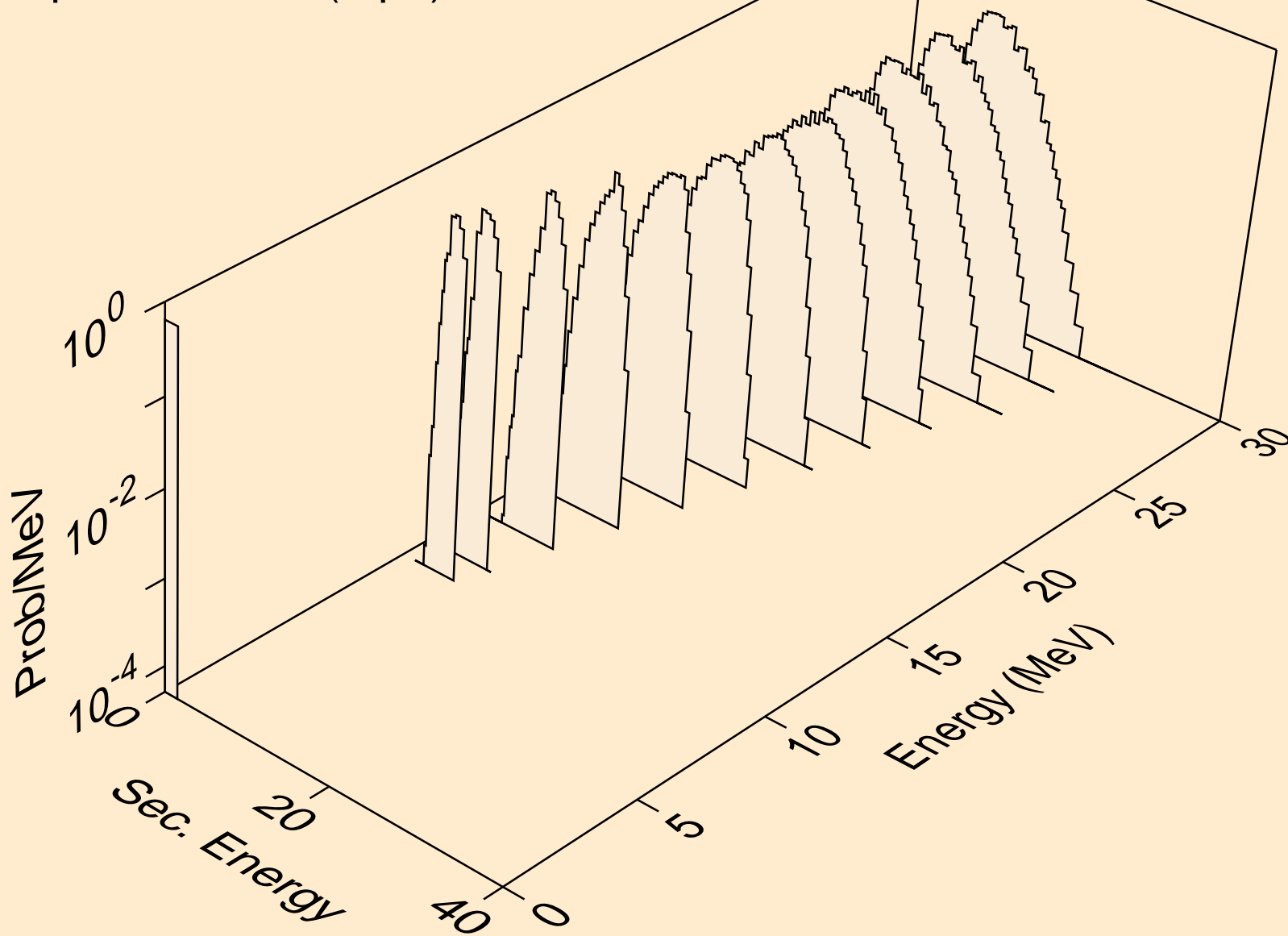
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



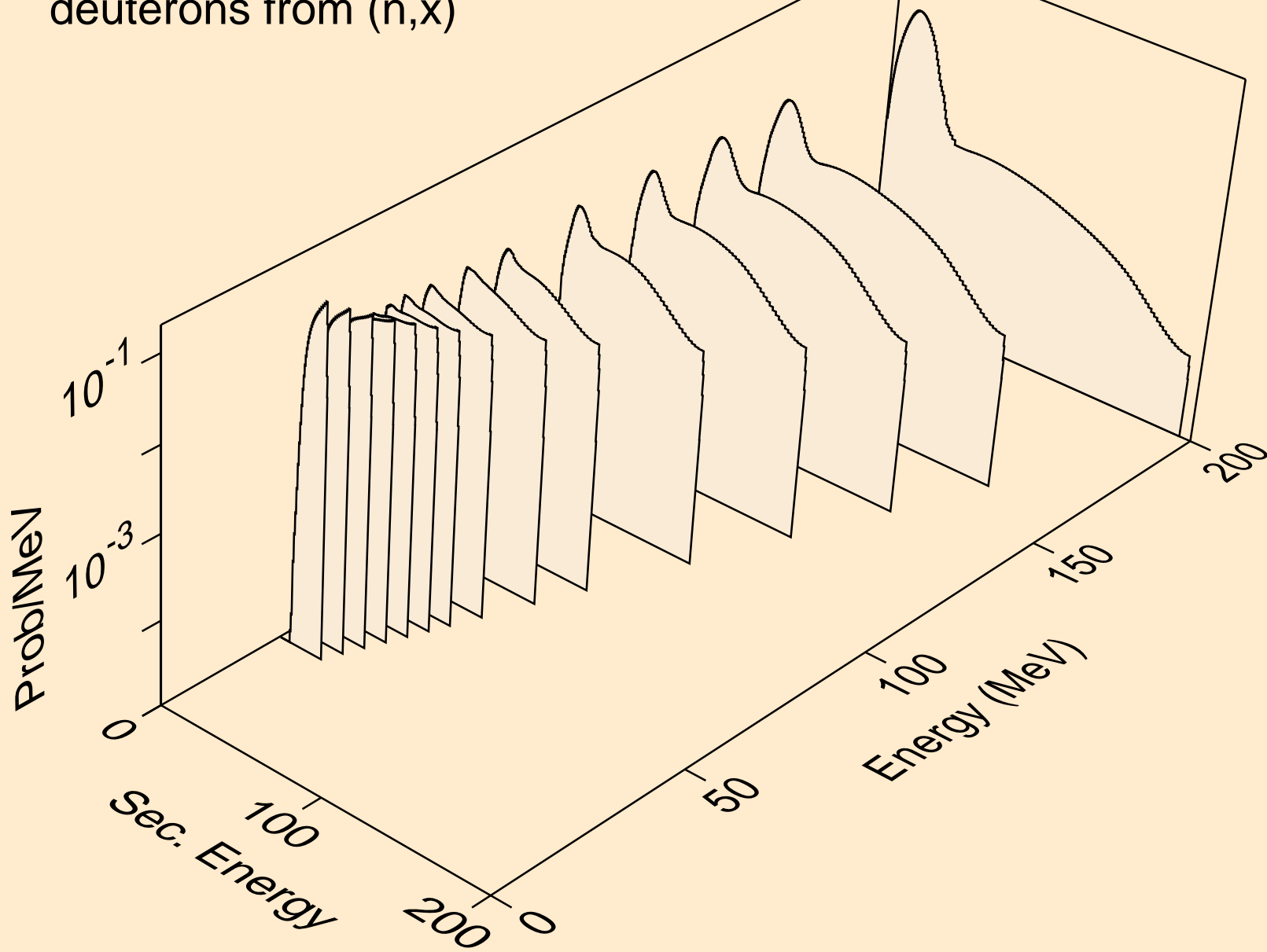
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



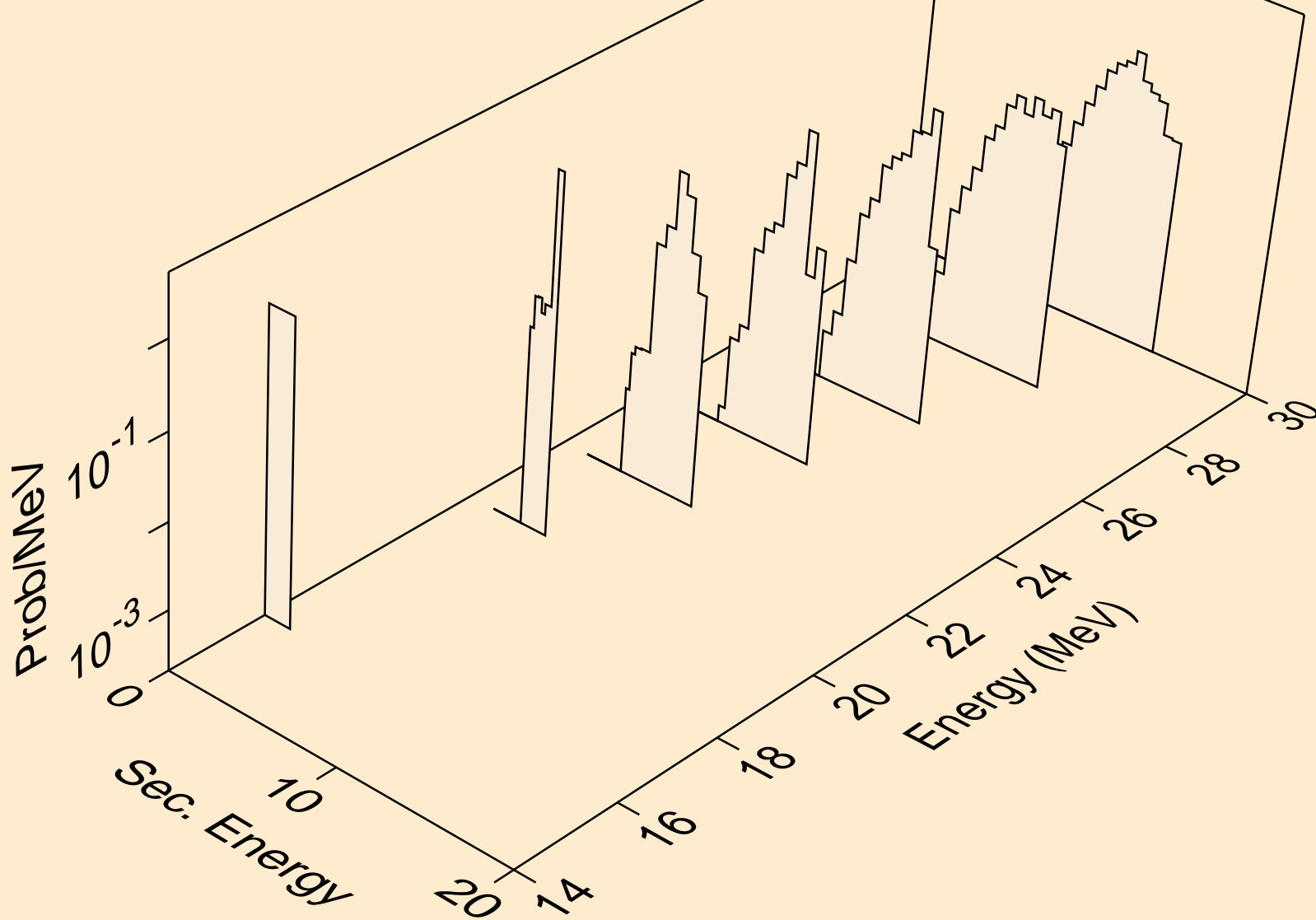
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



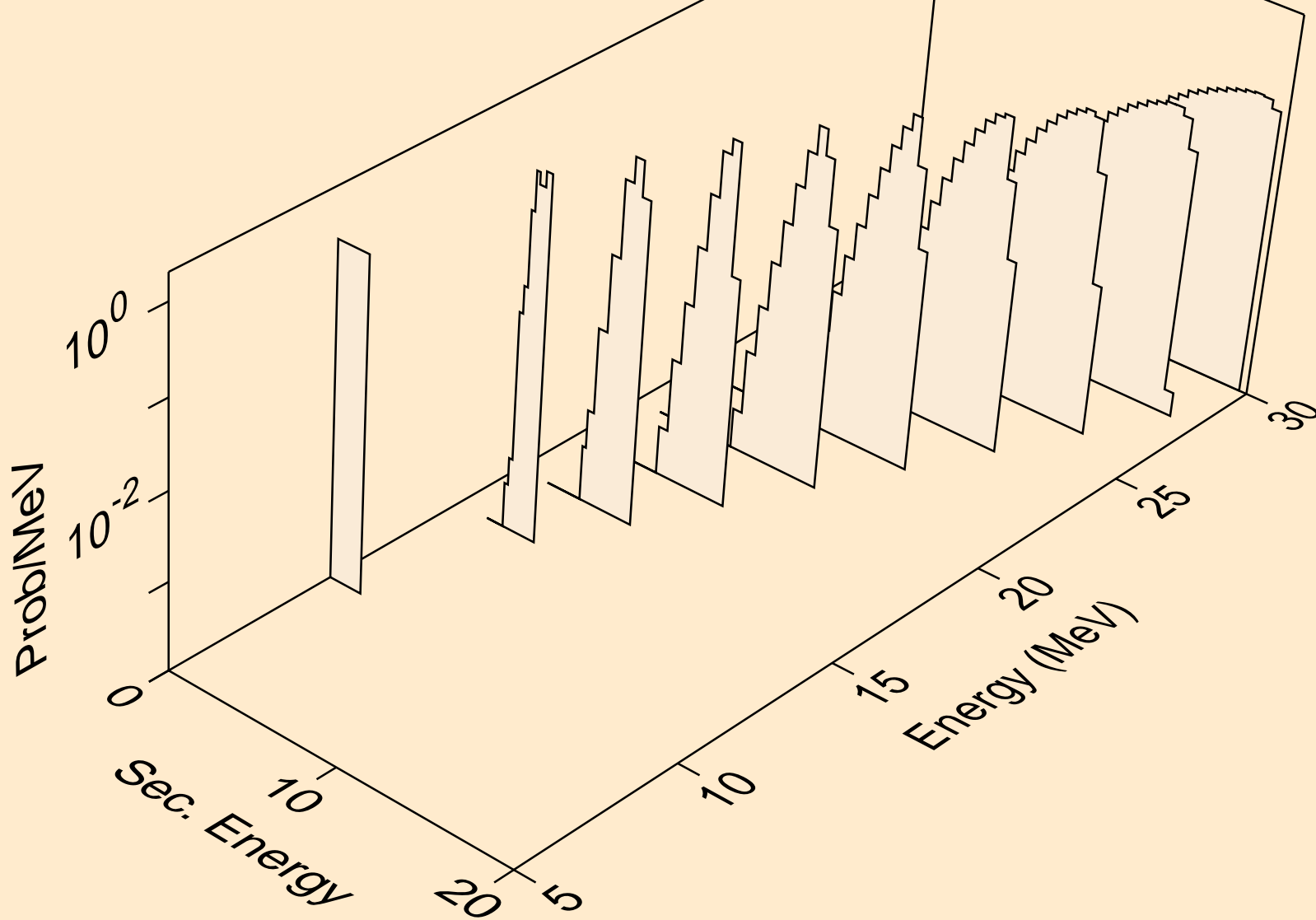
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



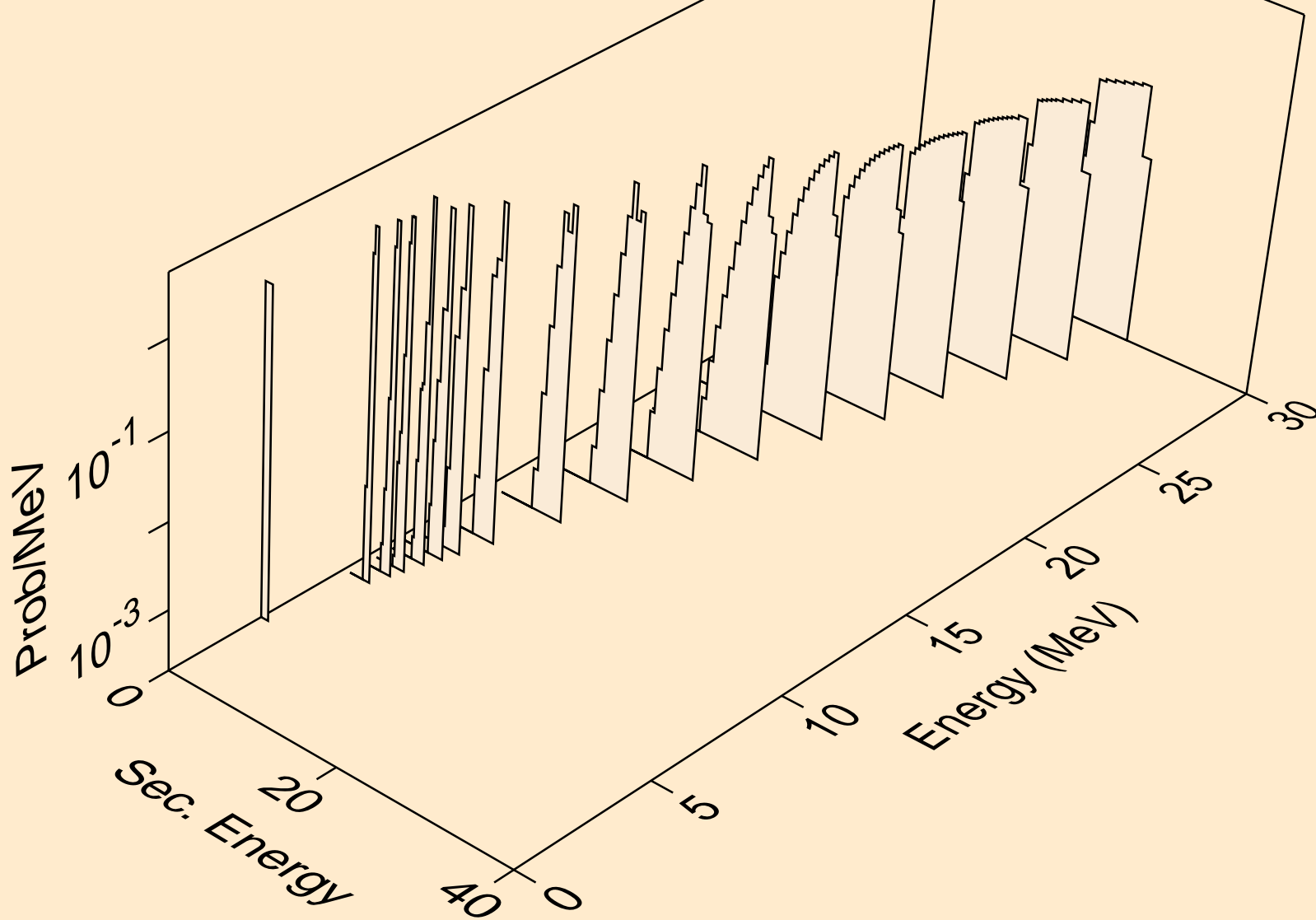
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



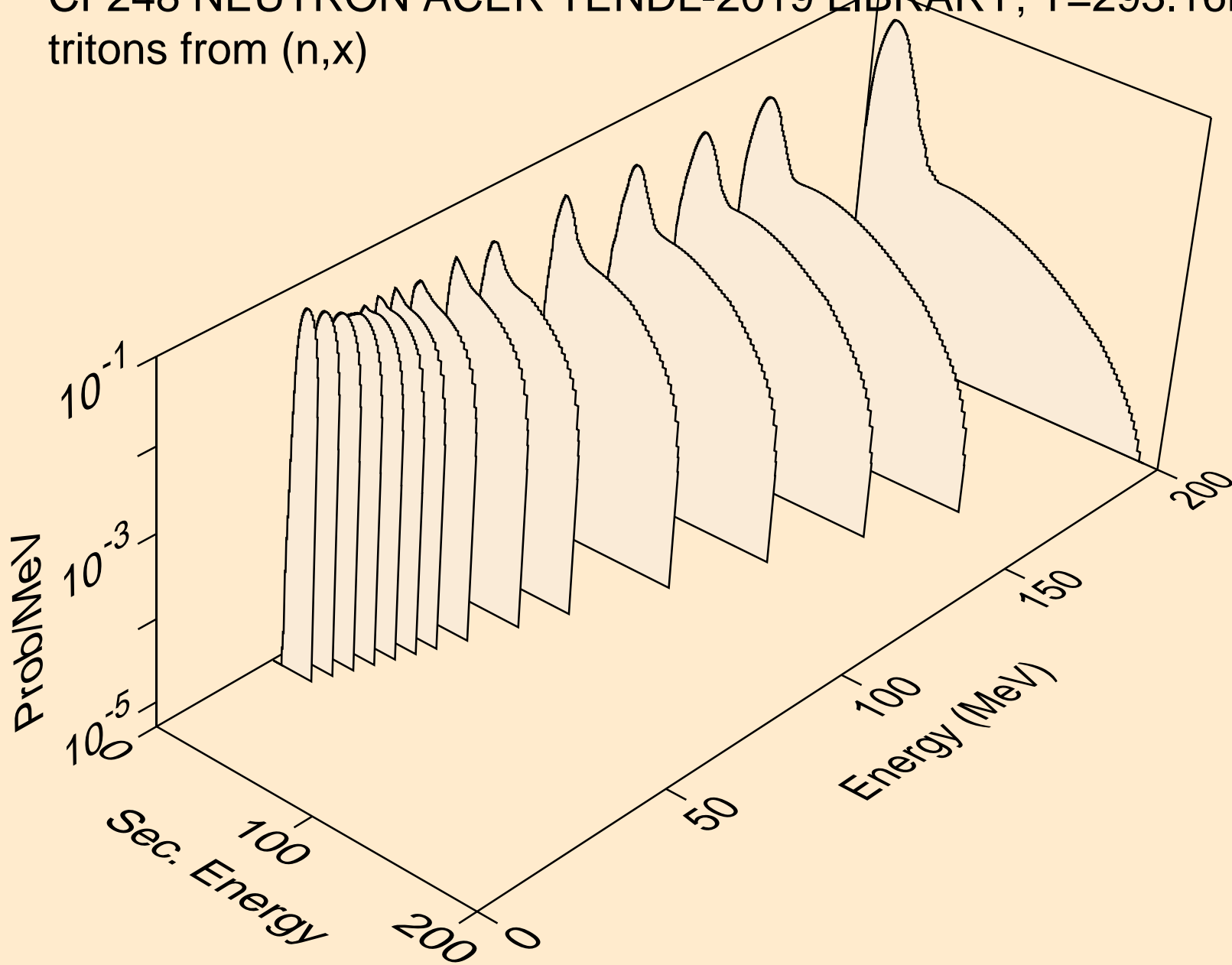
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



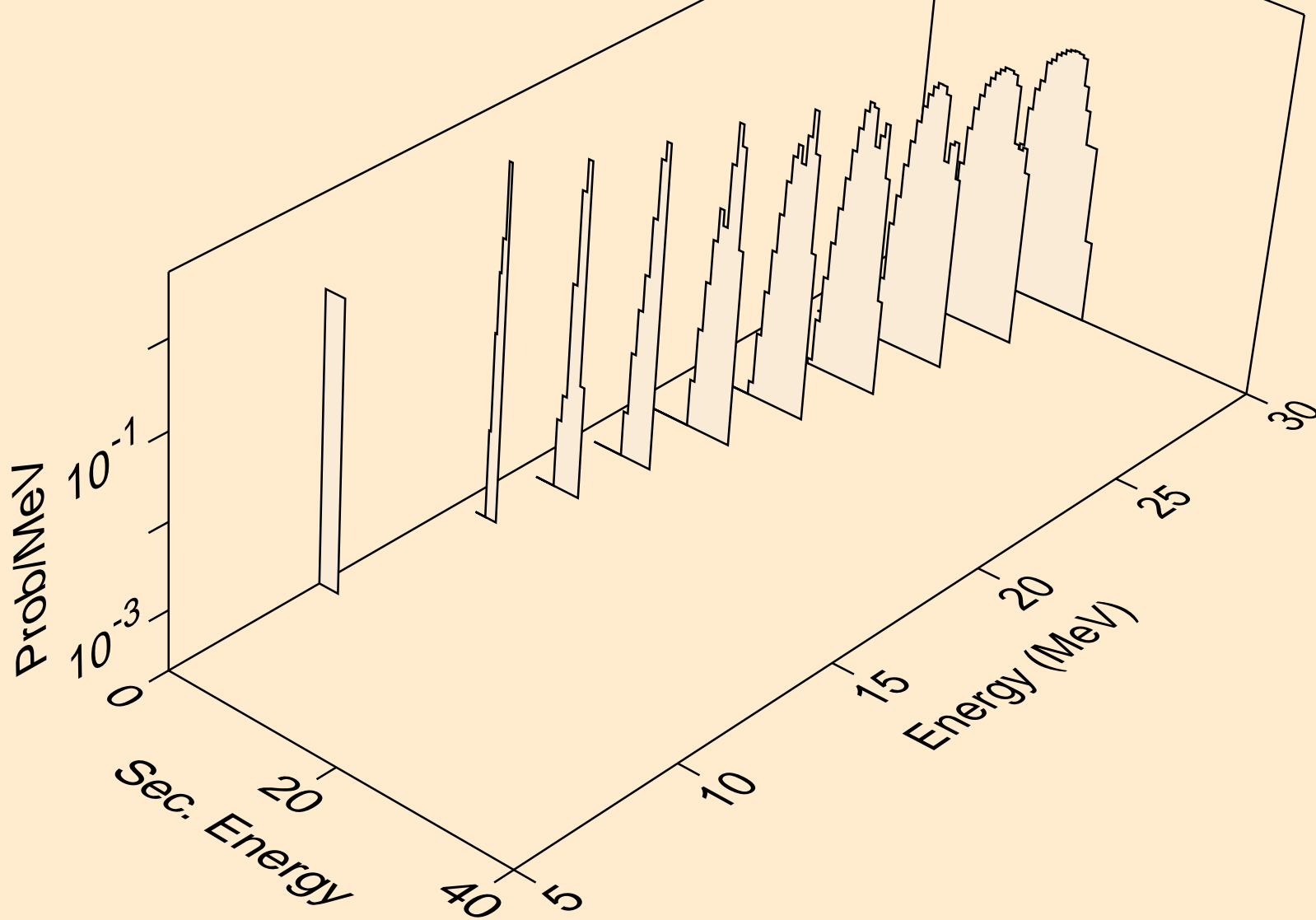
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



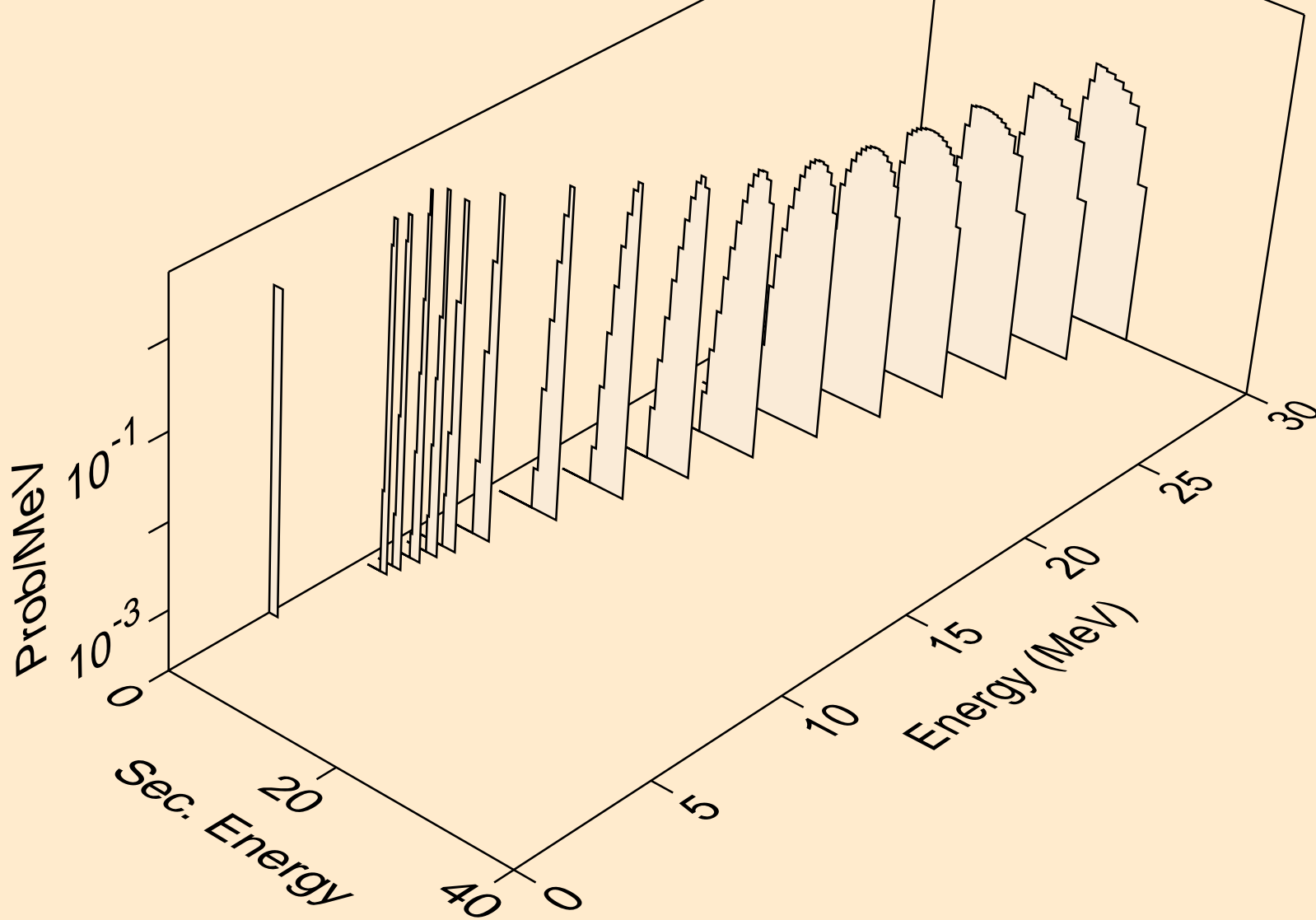
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



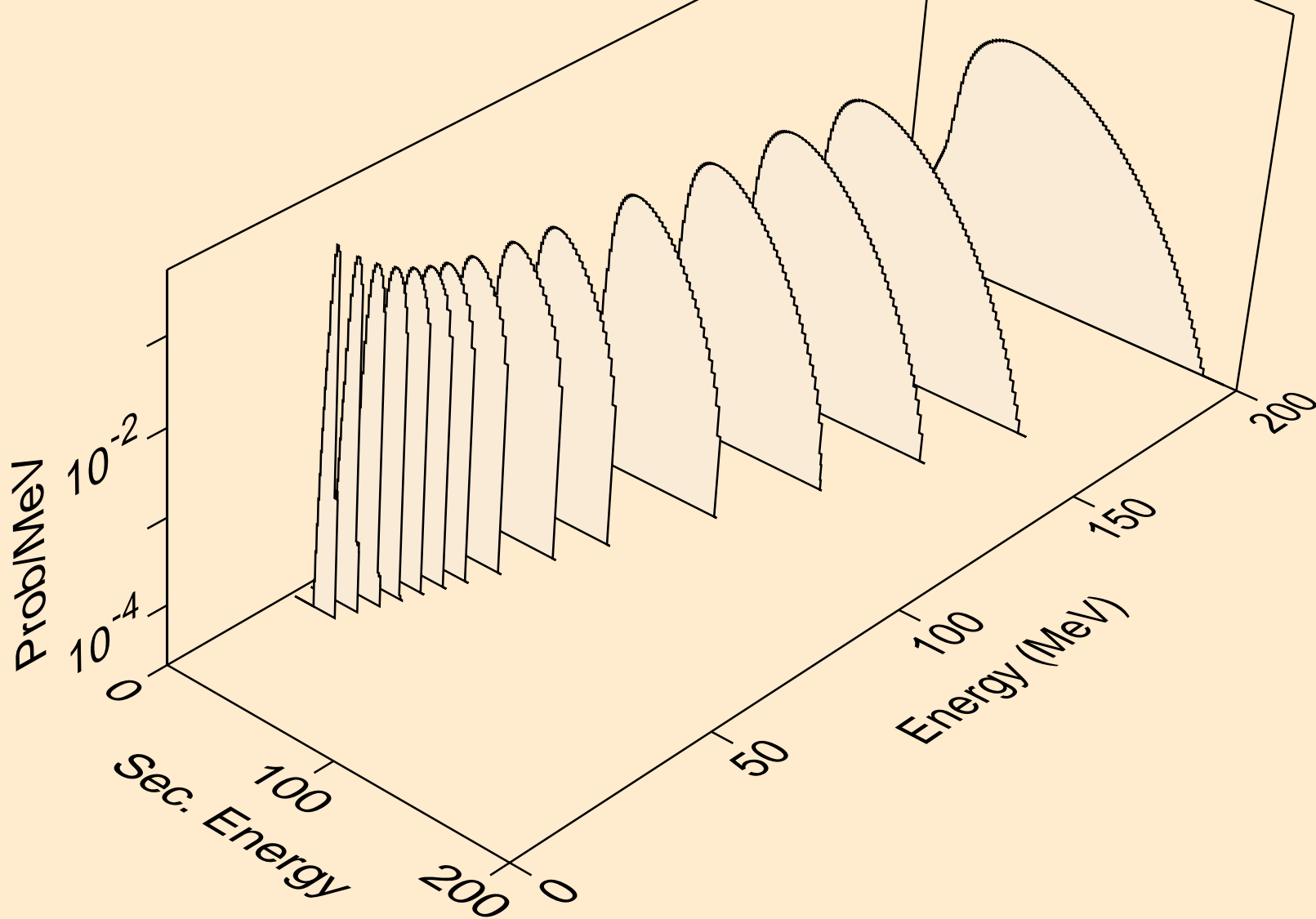
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



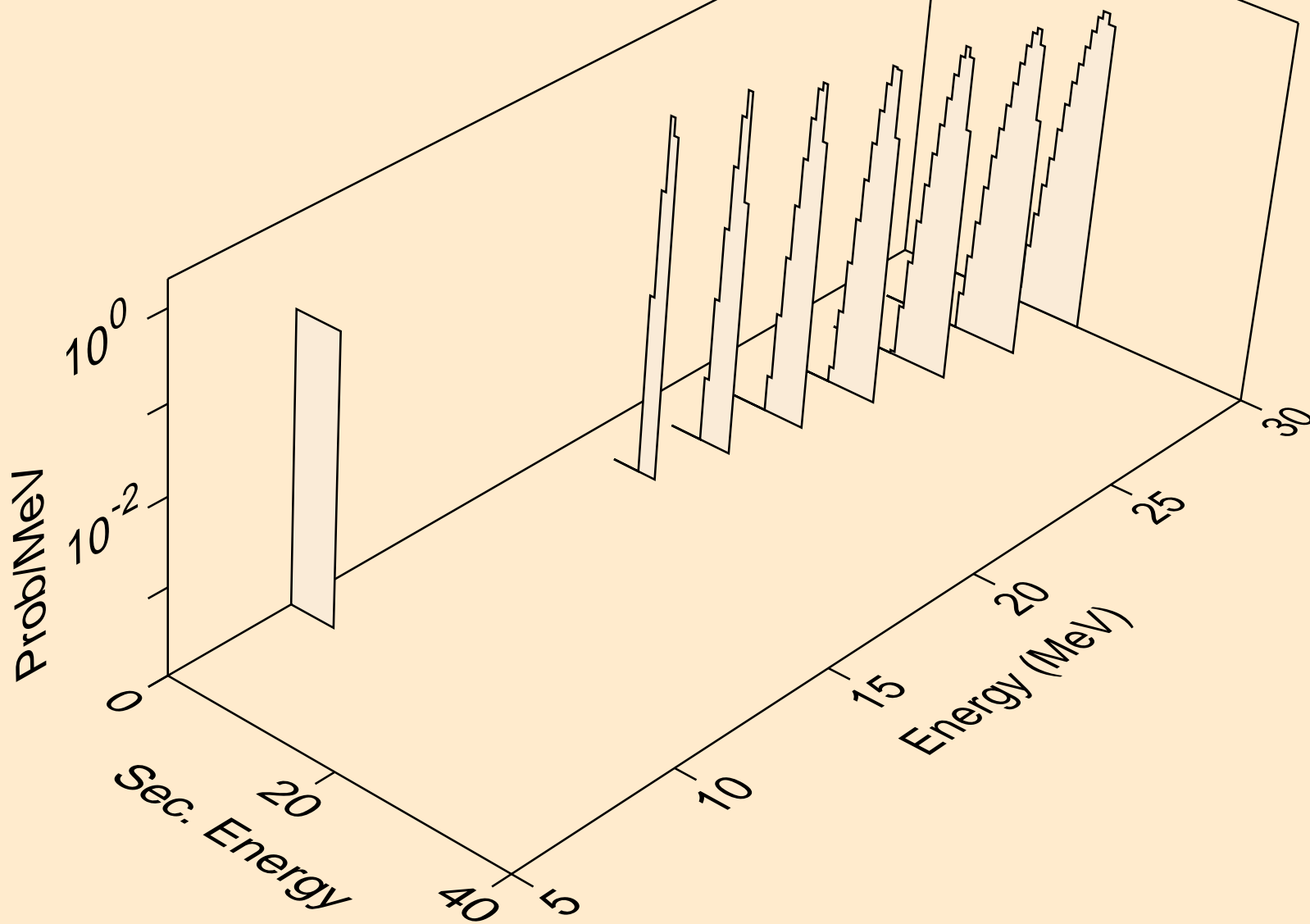
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



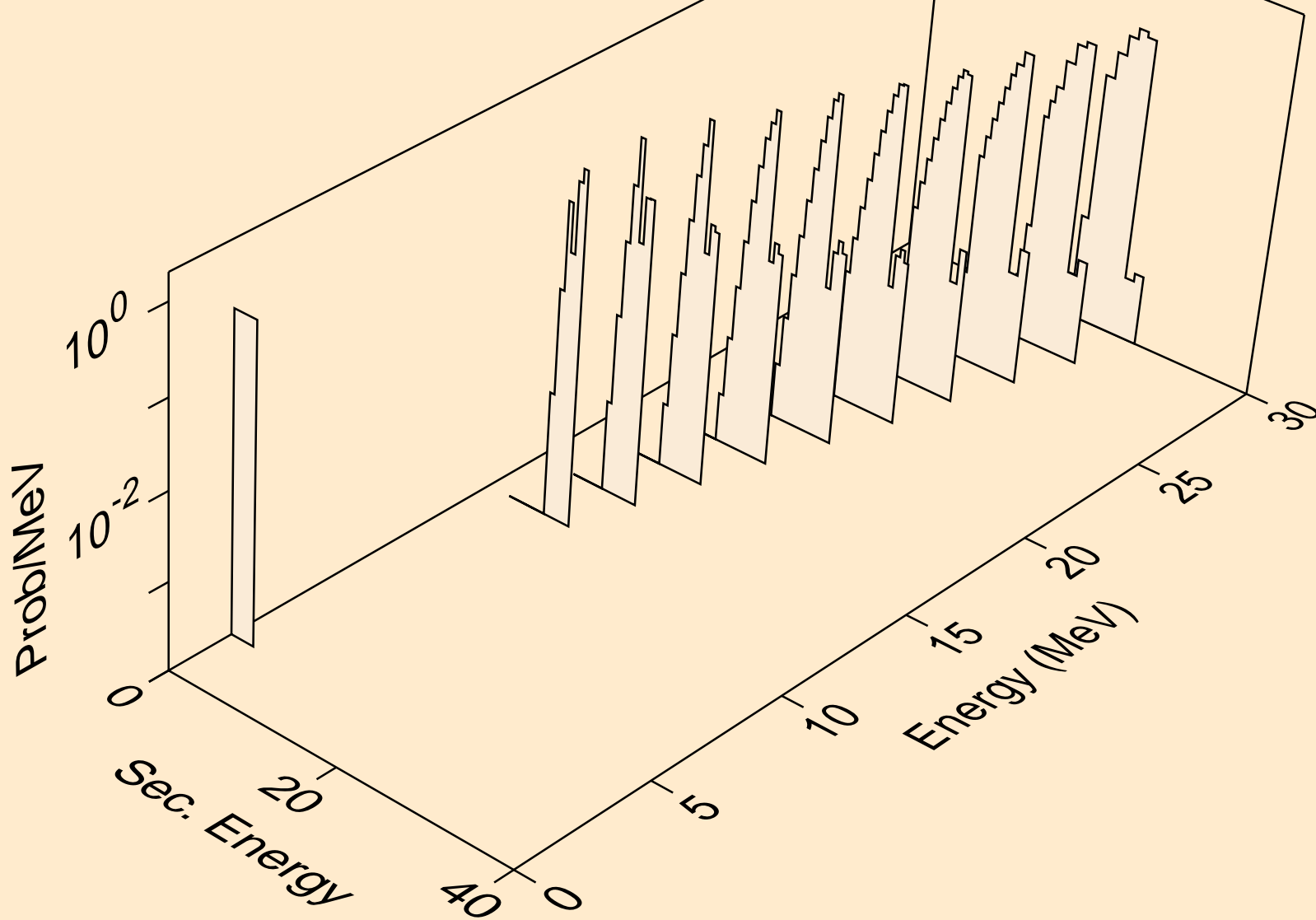
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



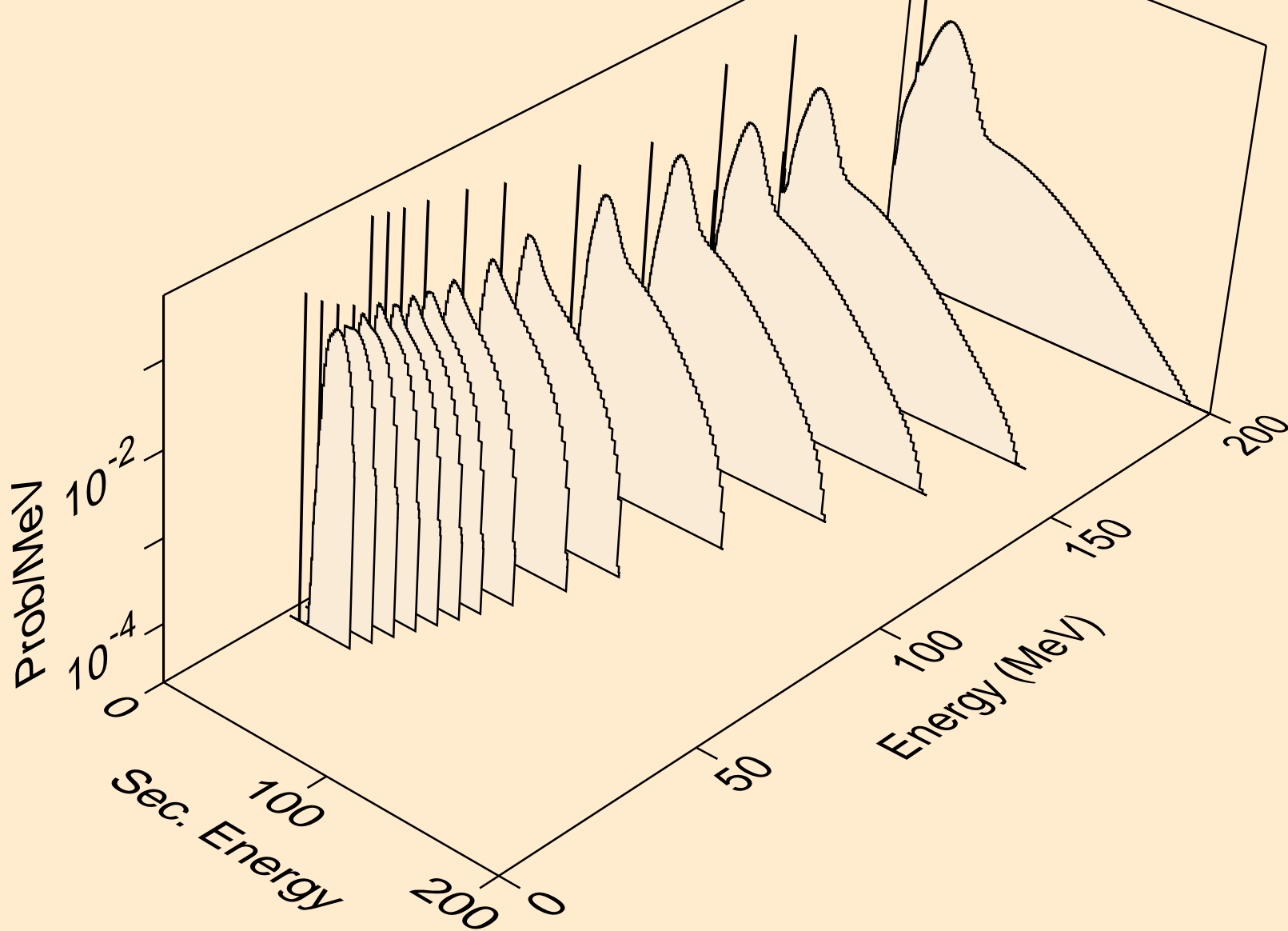
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



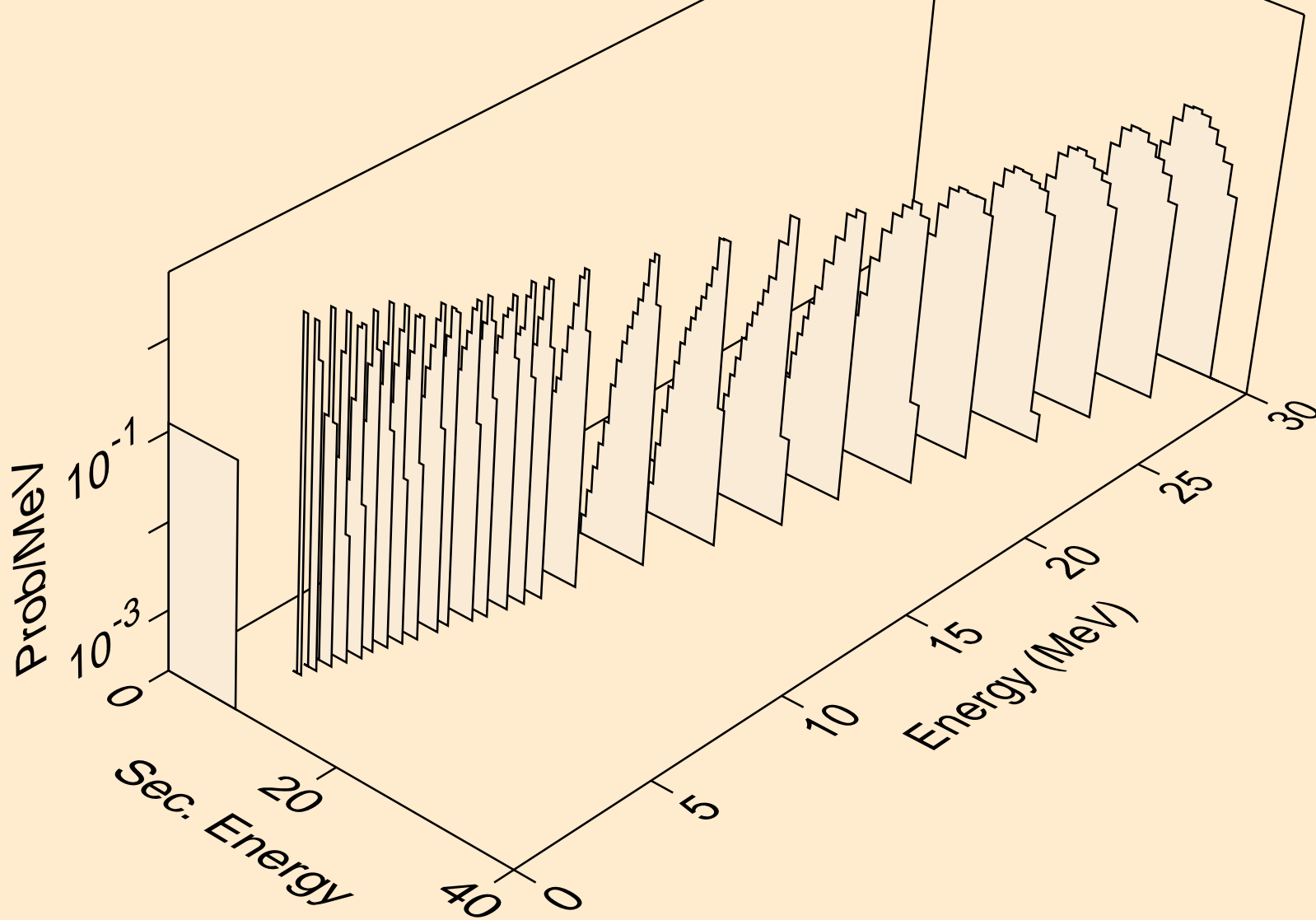
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



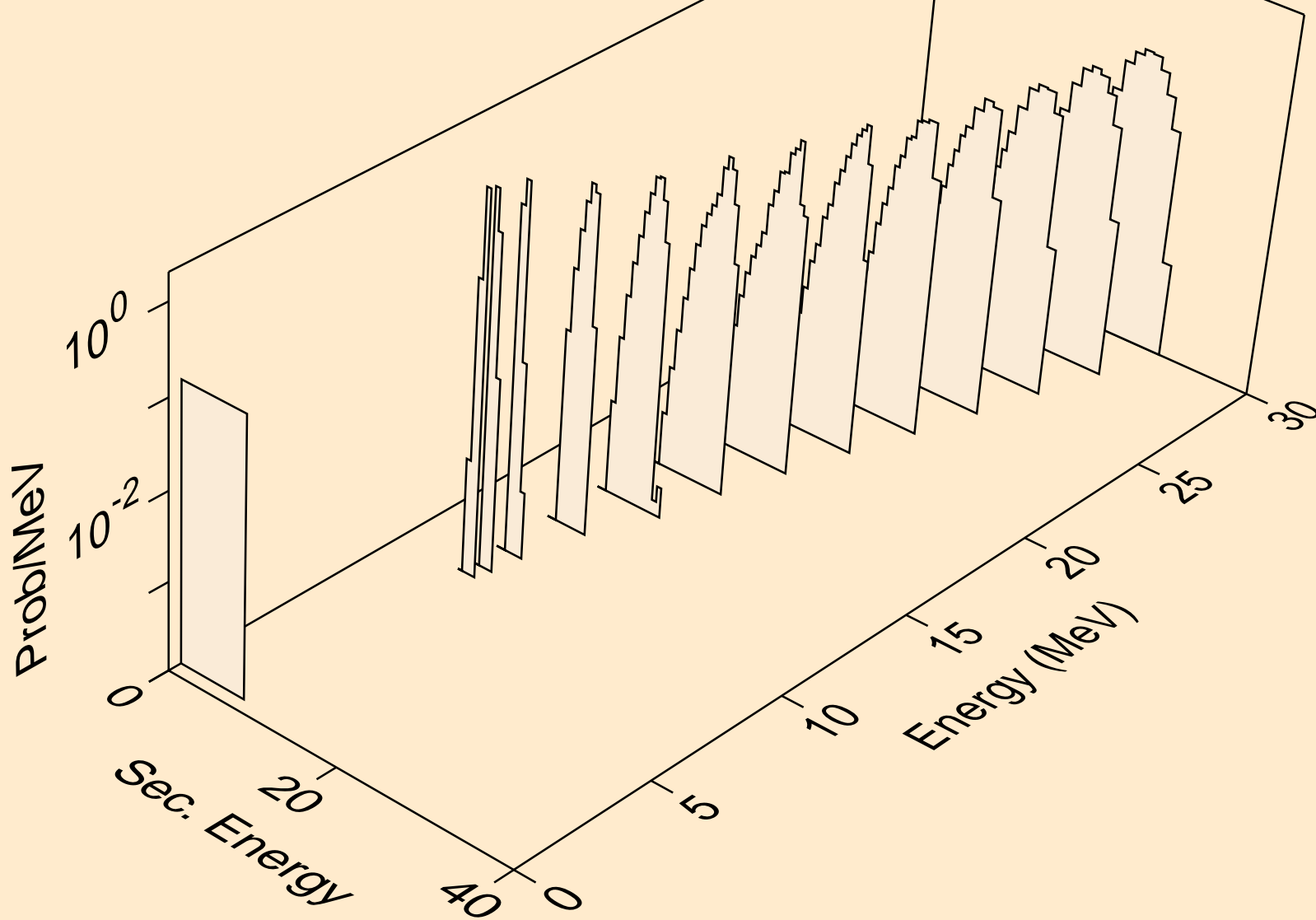
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



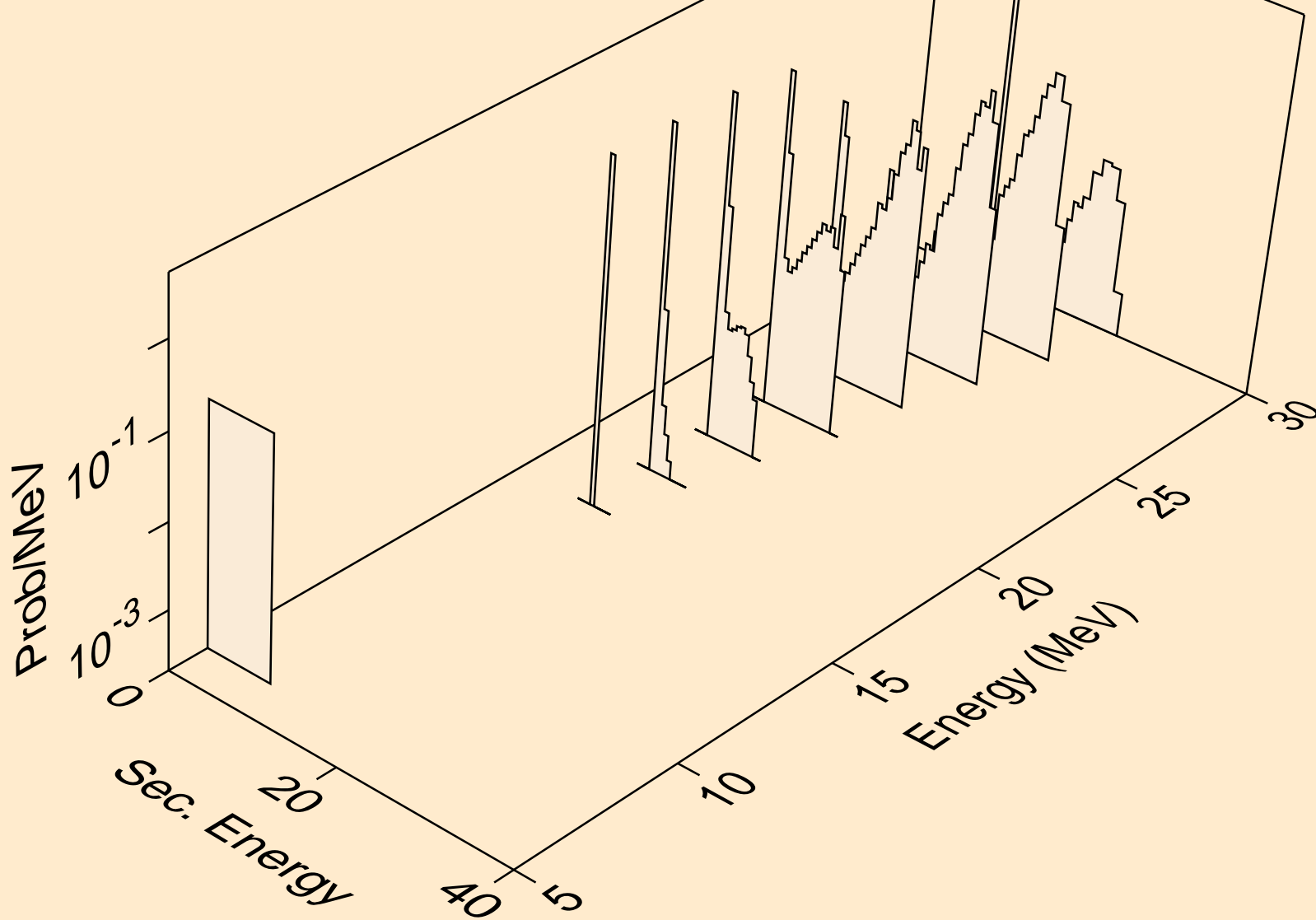
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



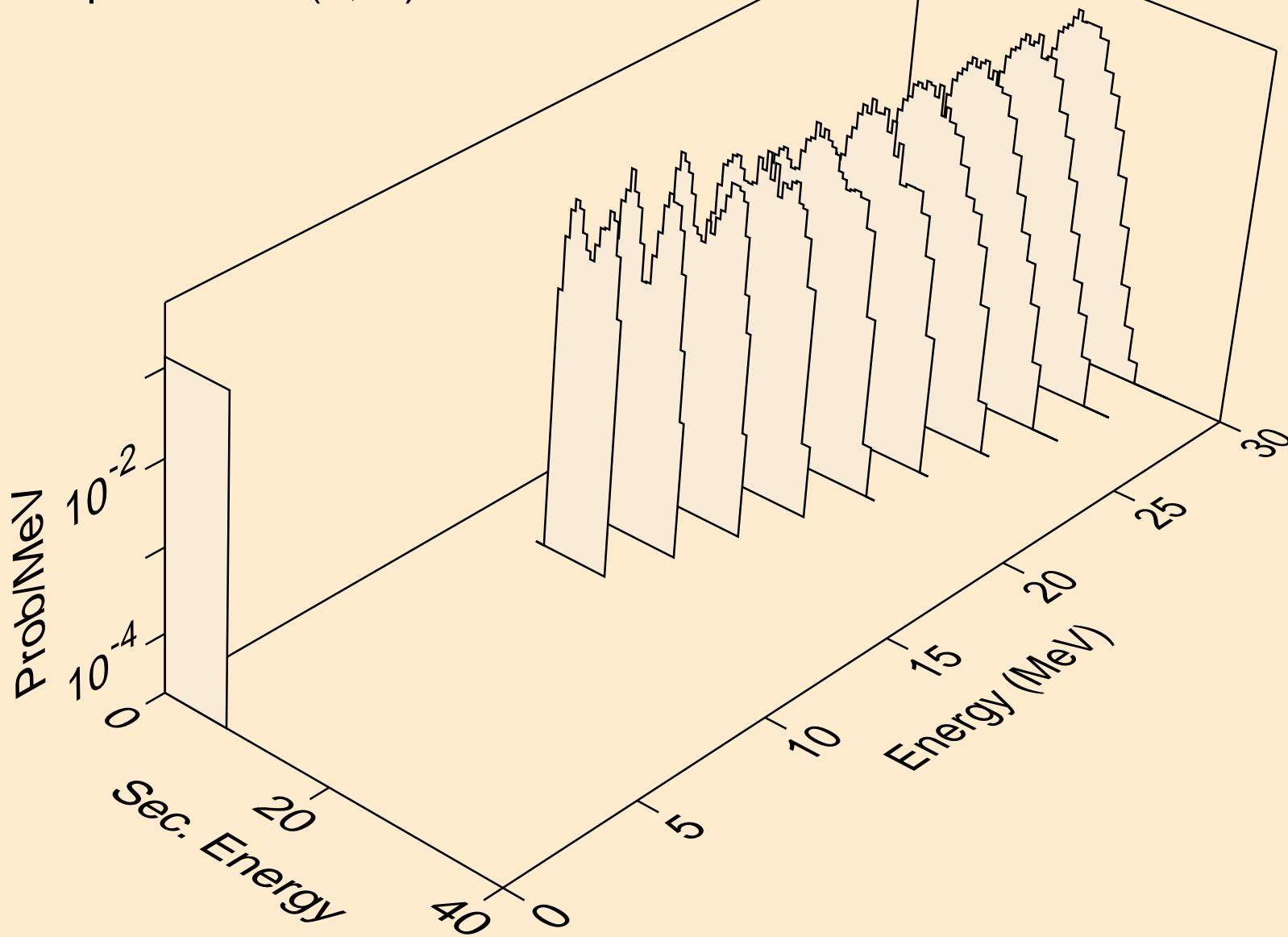
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



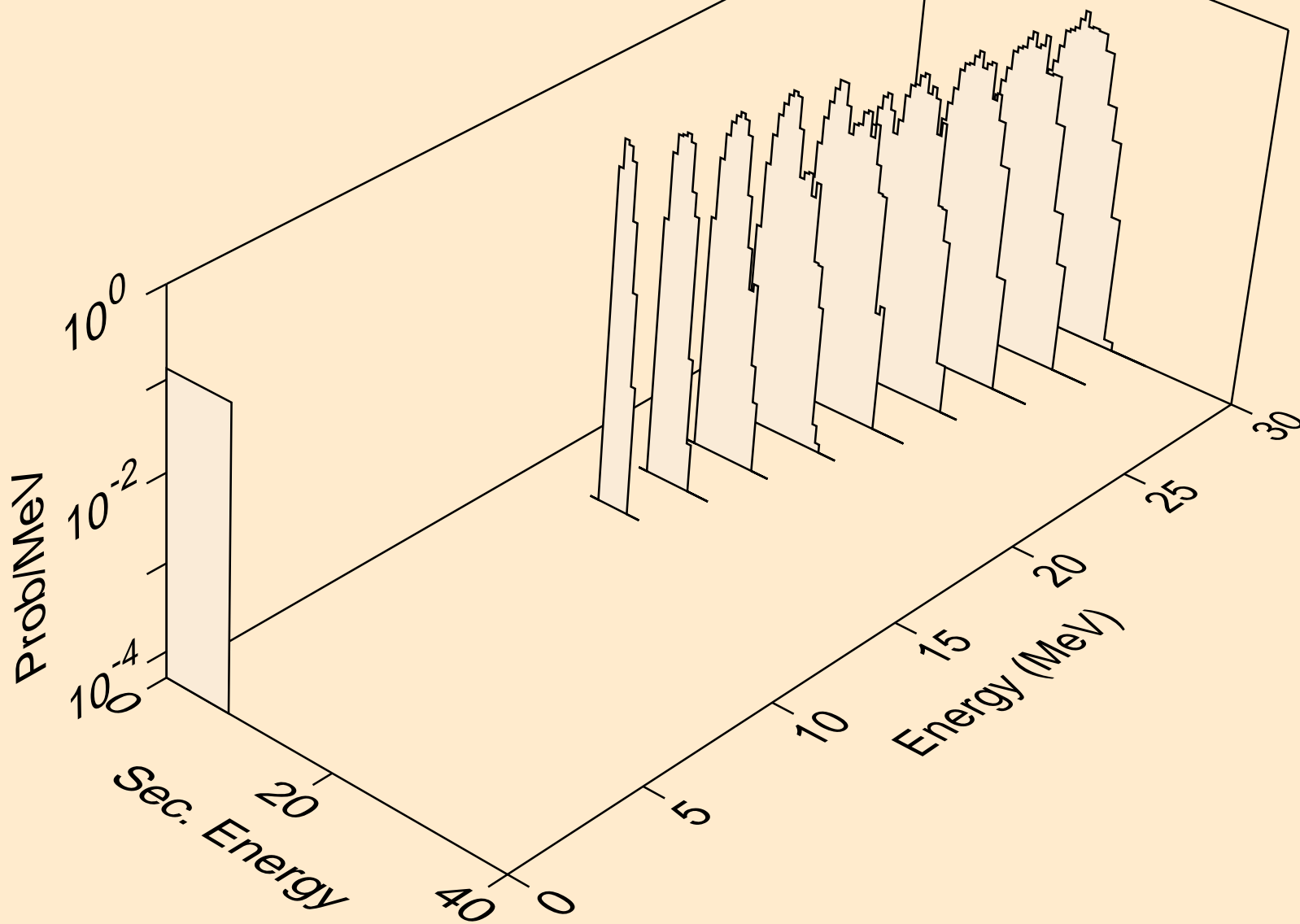
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



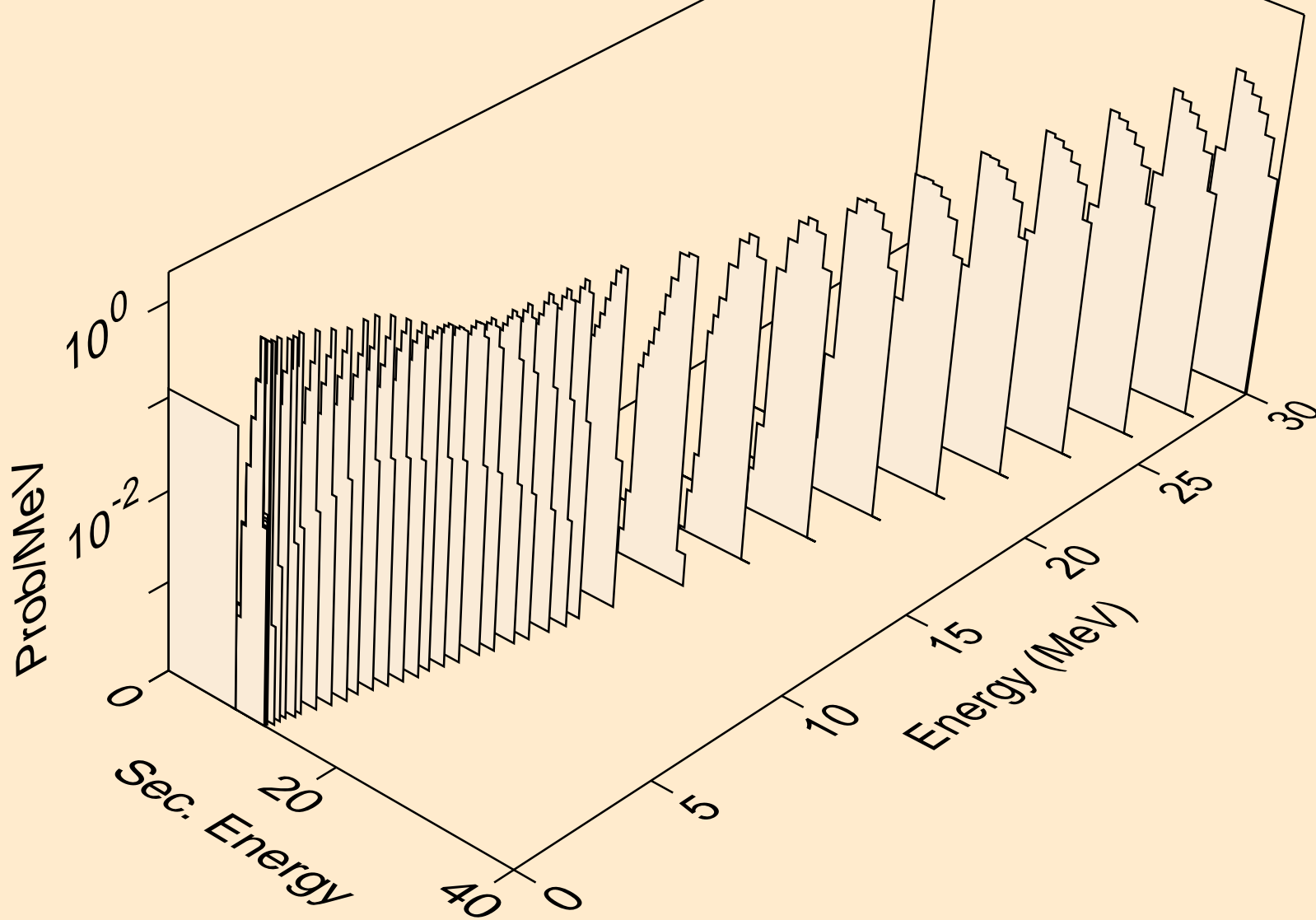
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



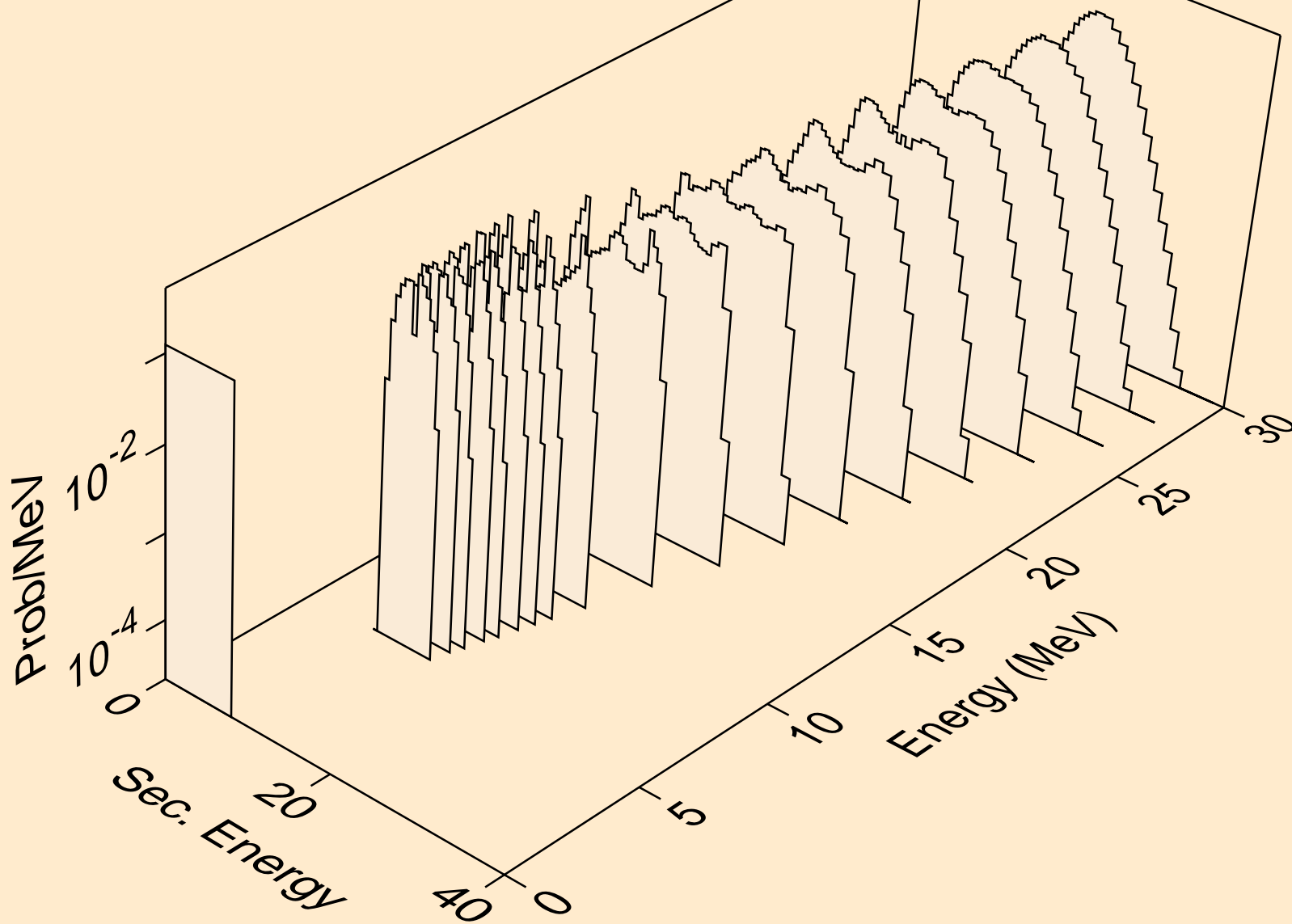
CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



CF248 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)

