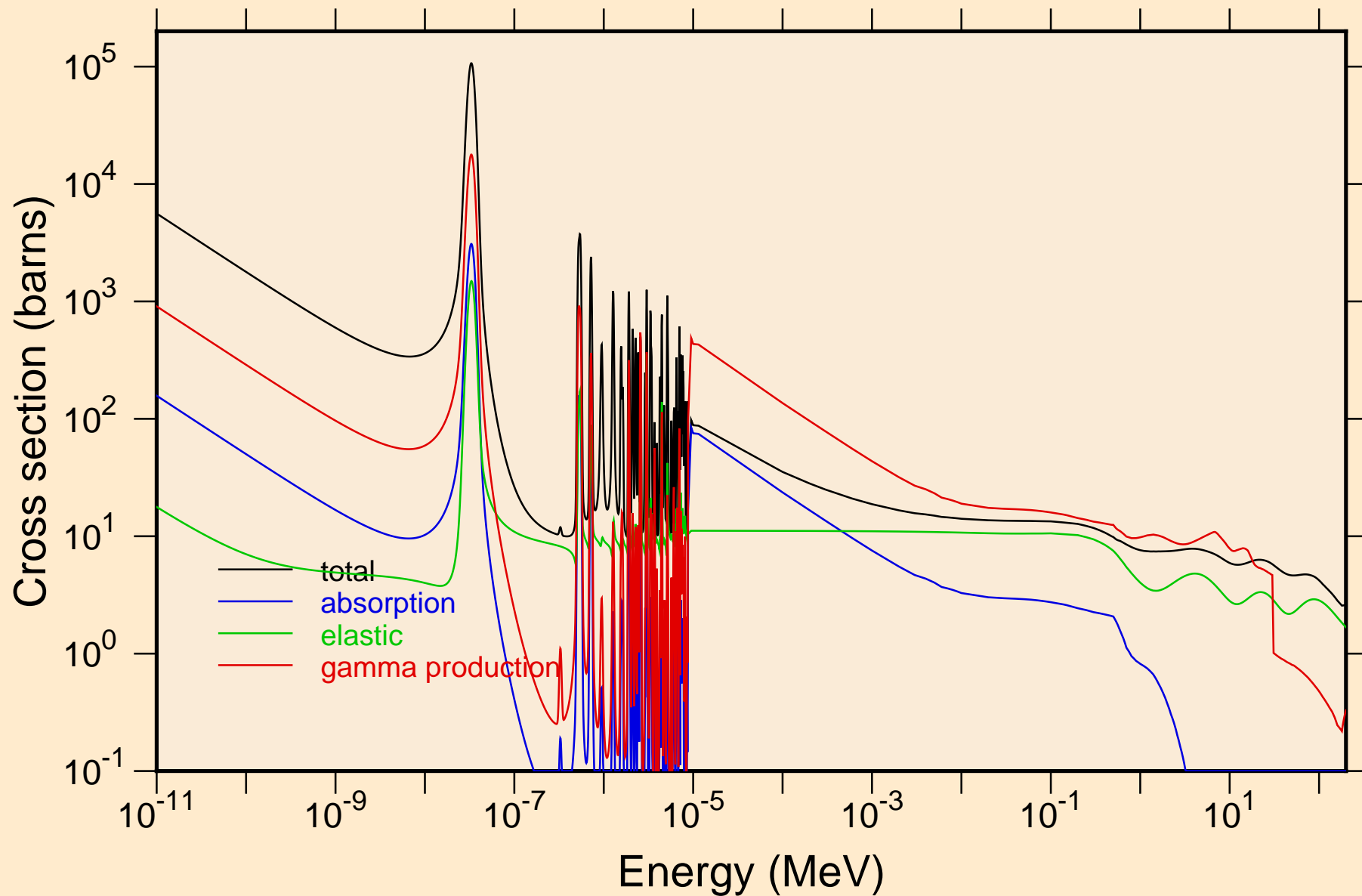
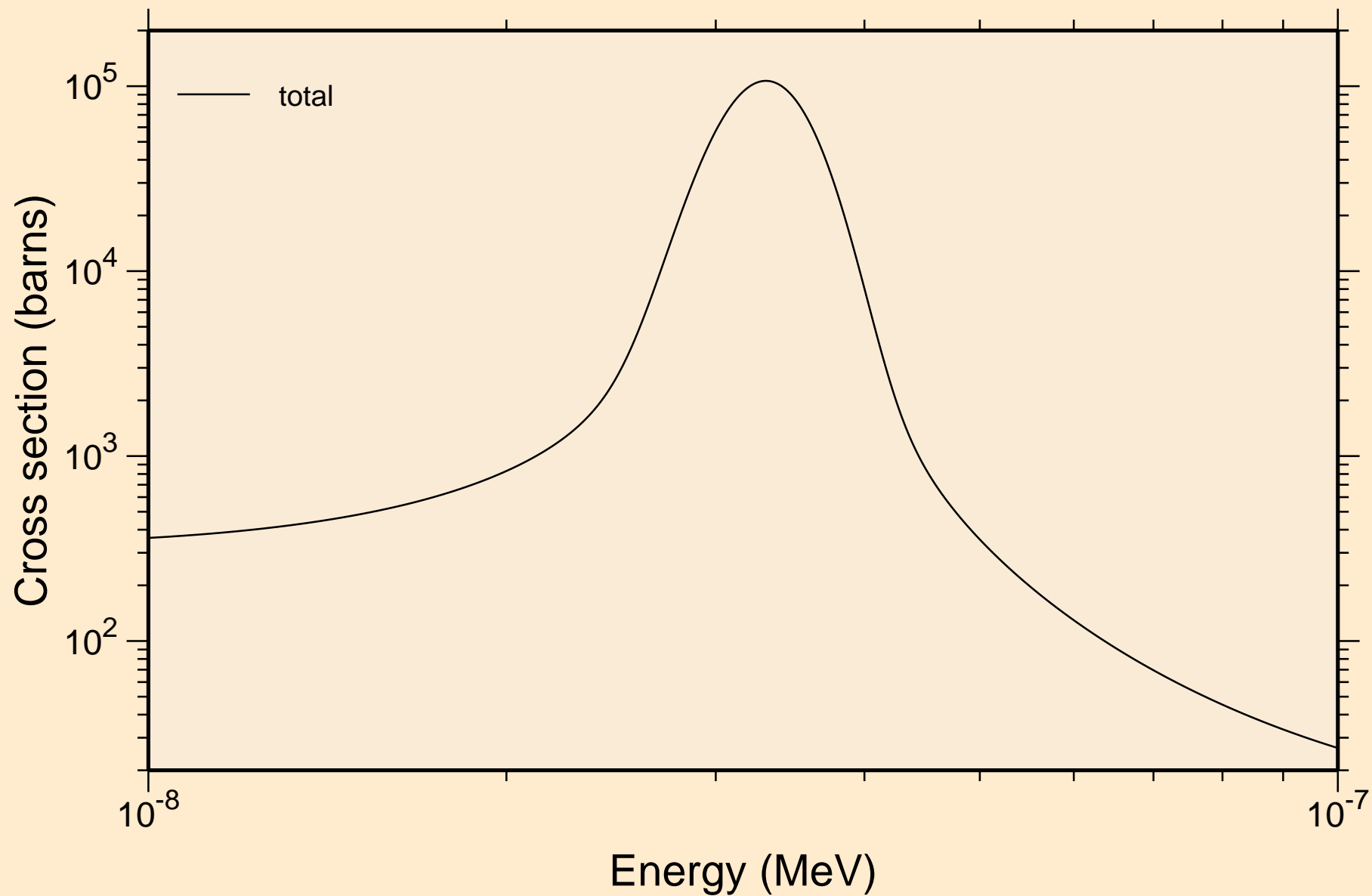


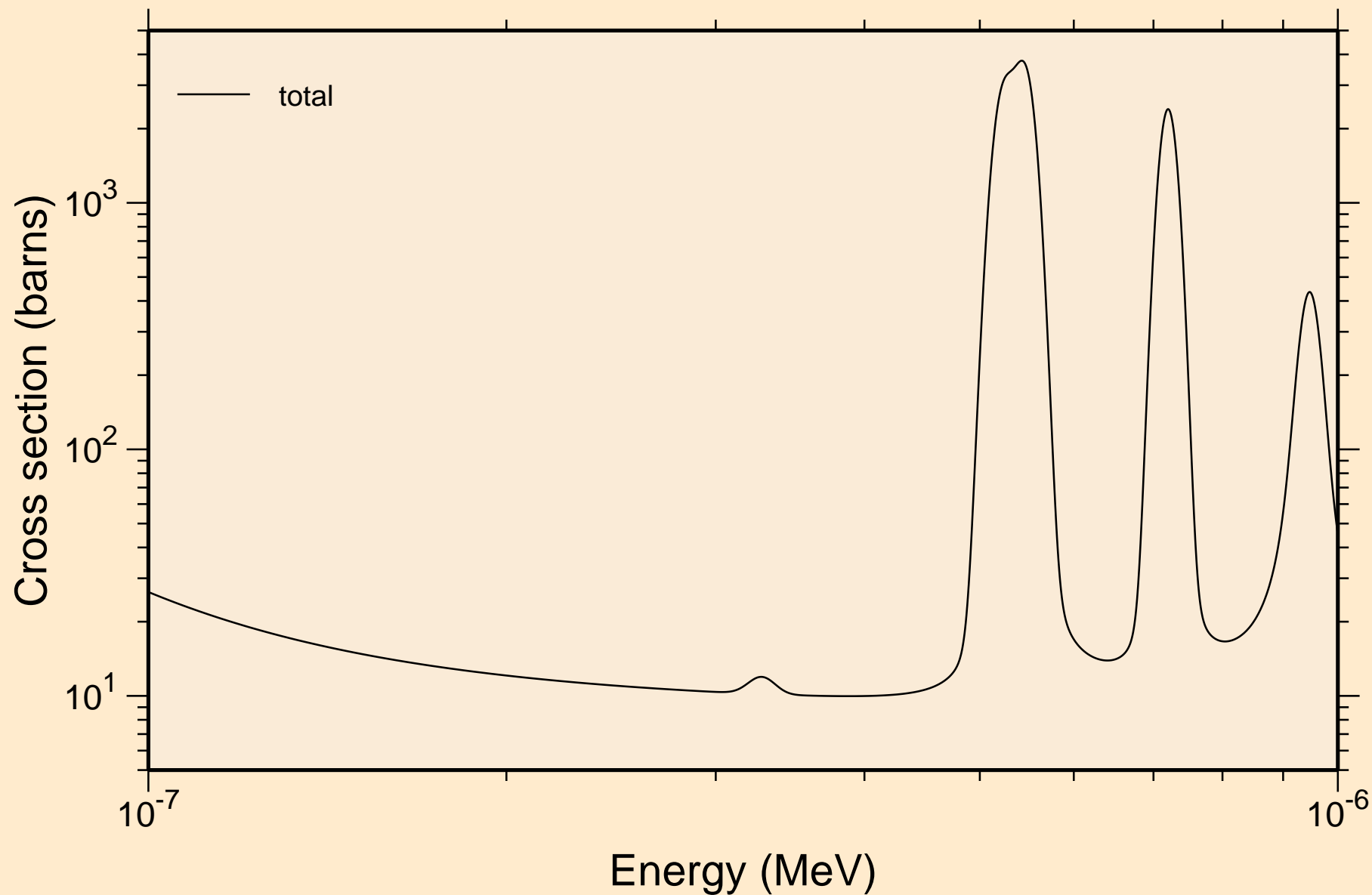
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



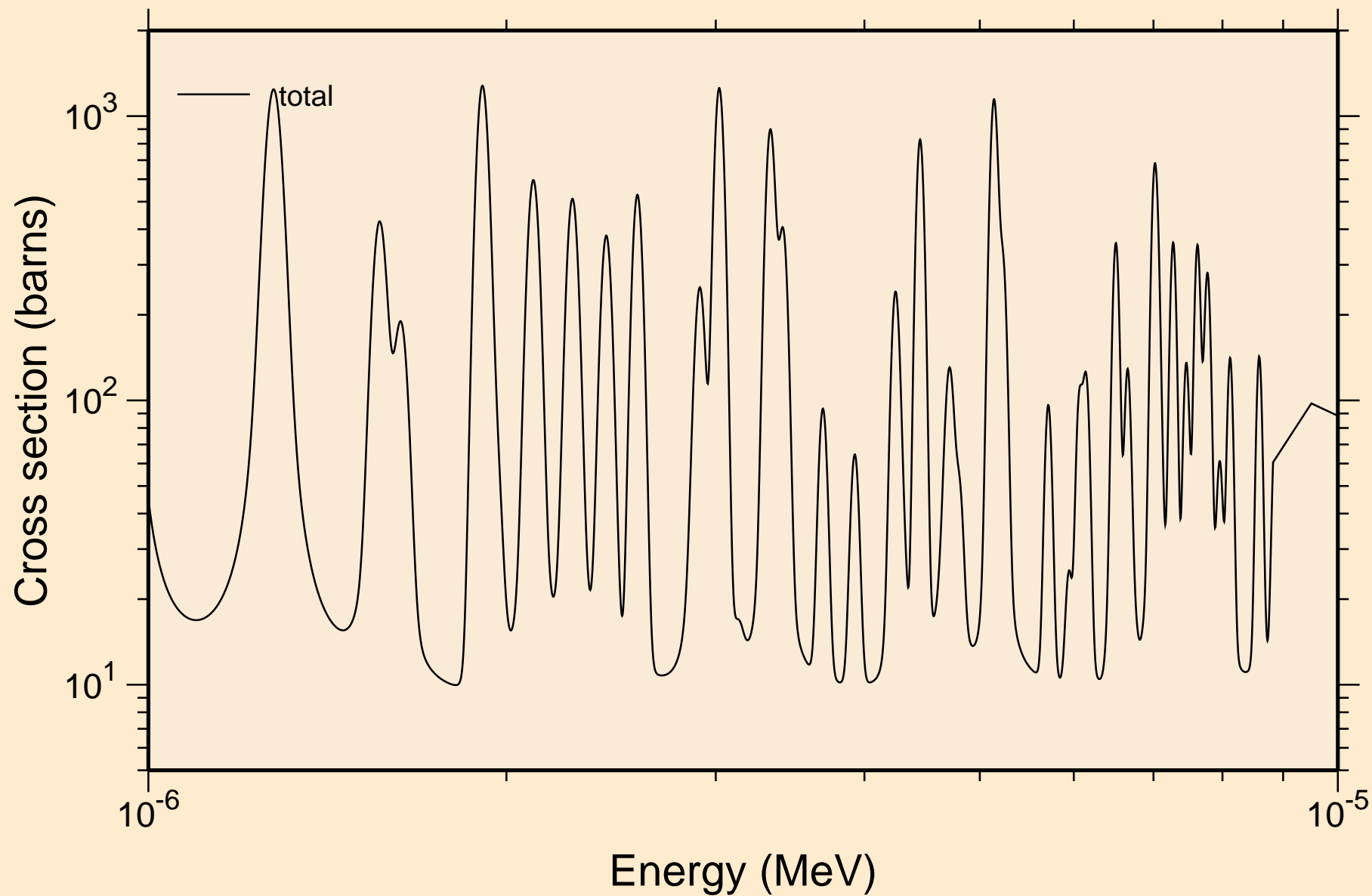
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



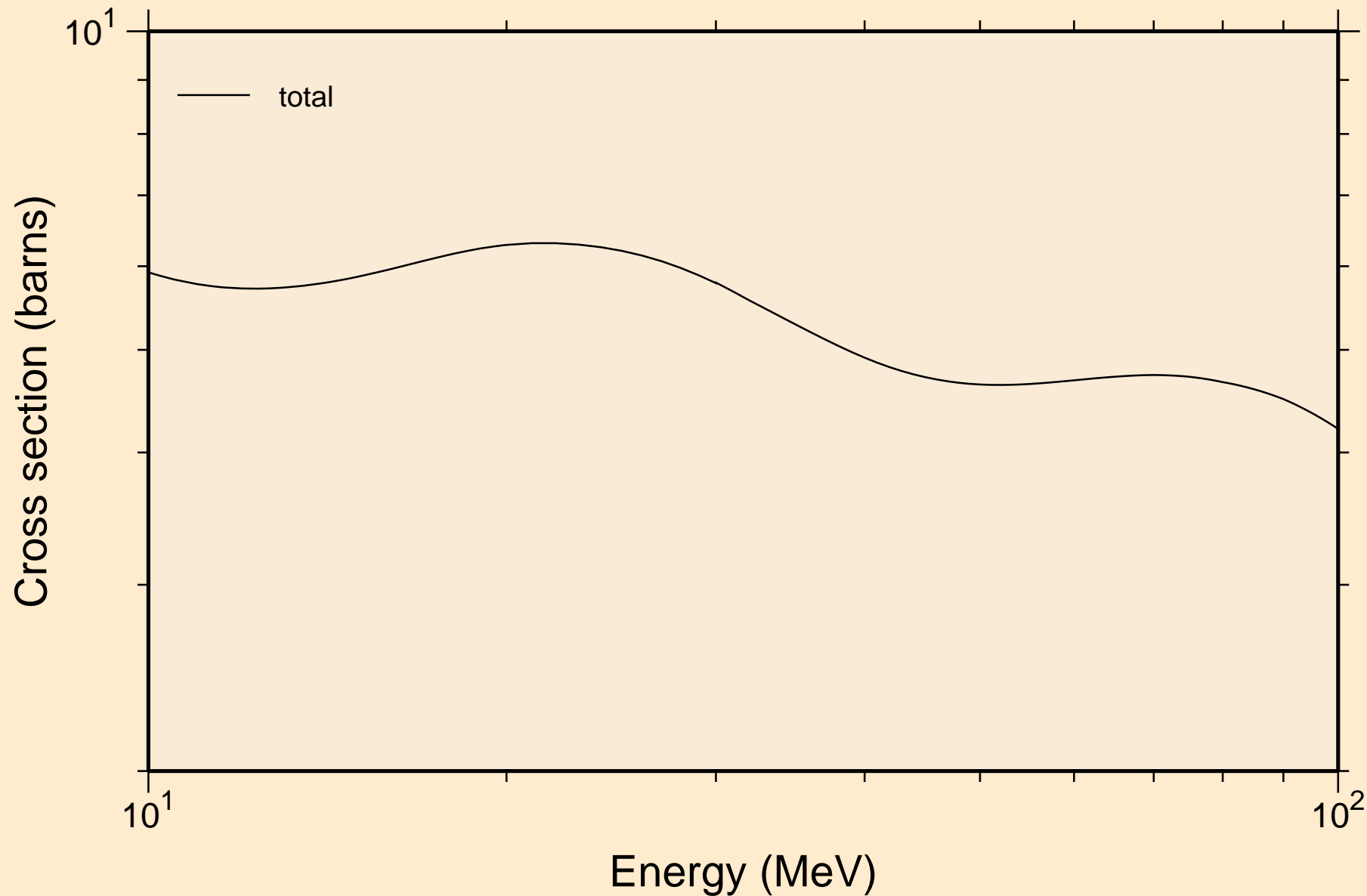
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



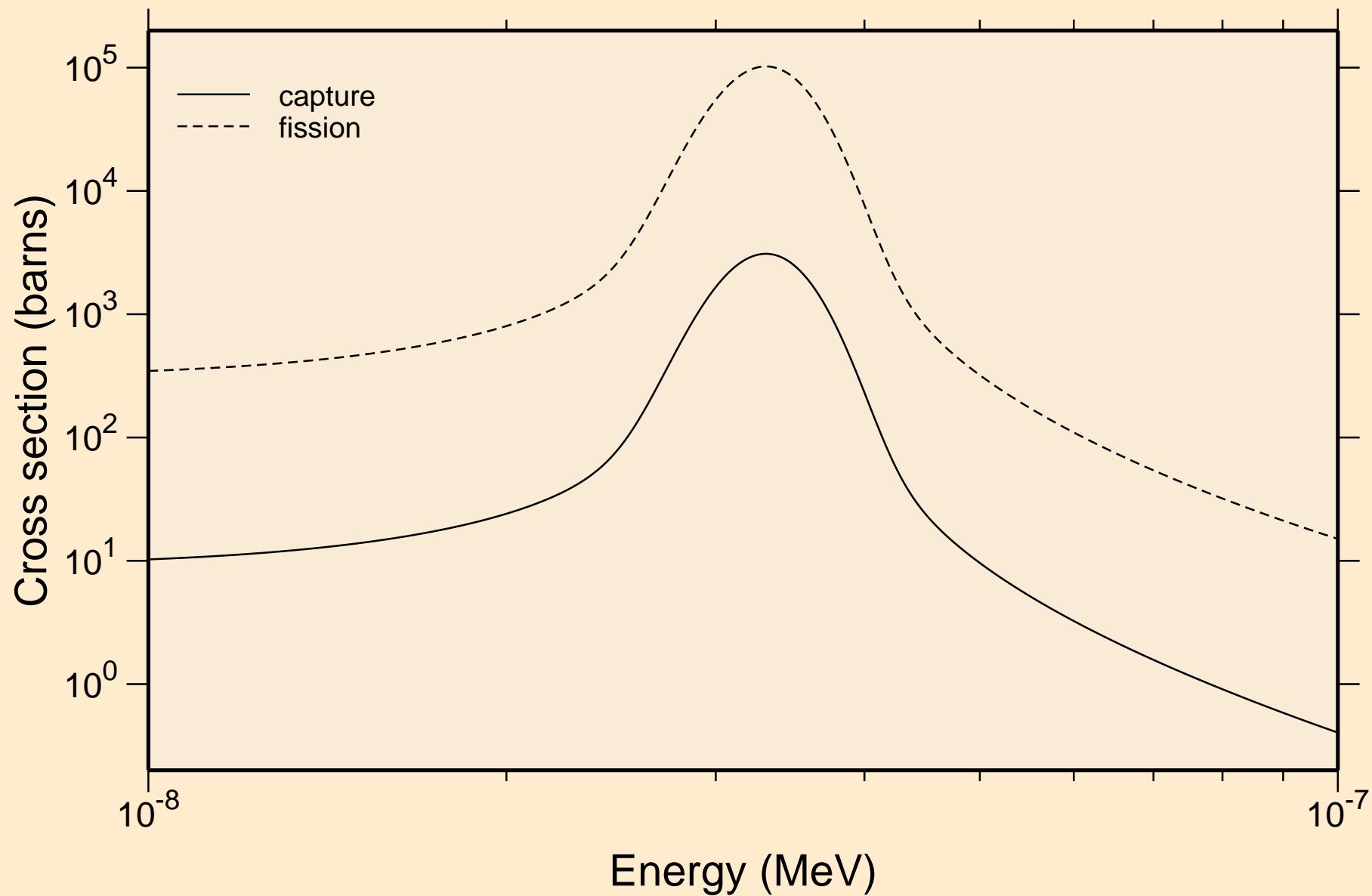
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



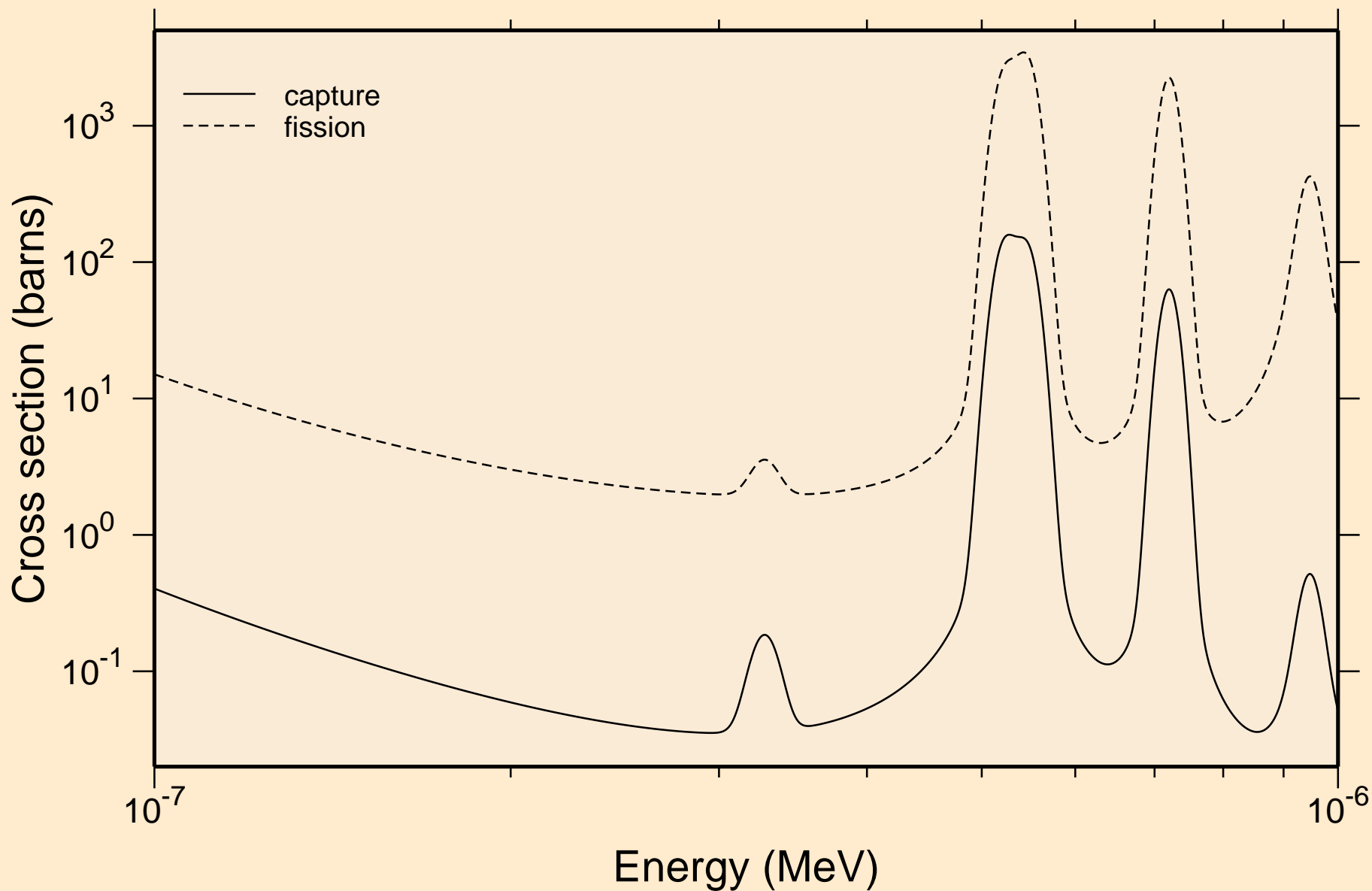
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



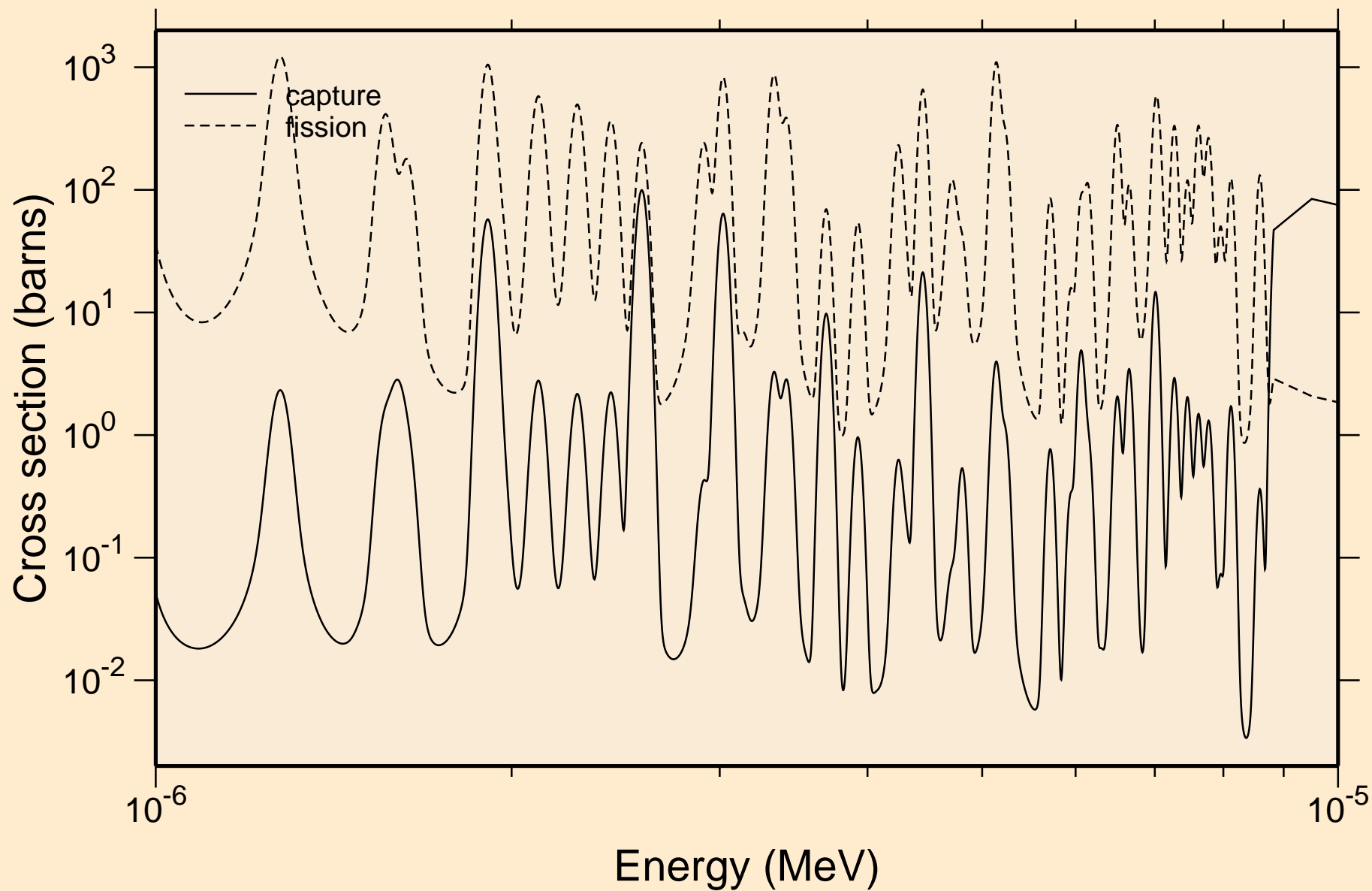
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



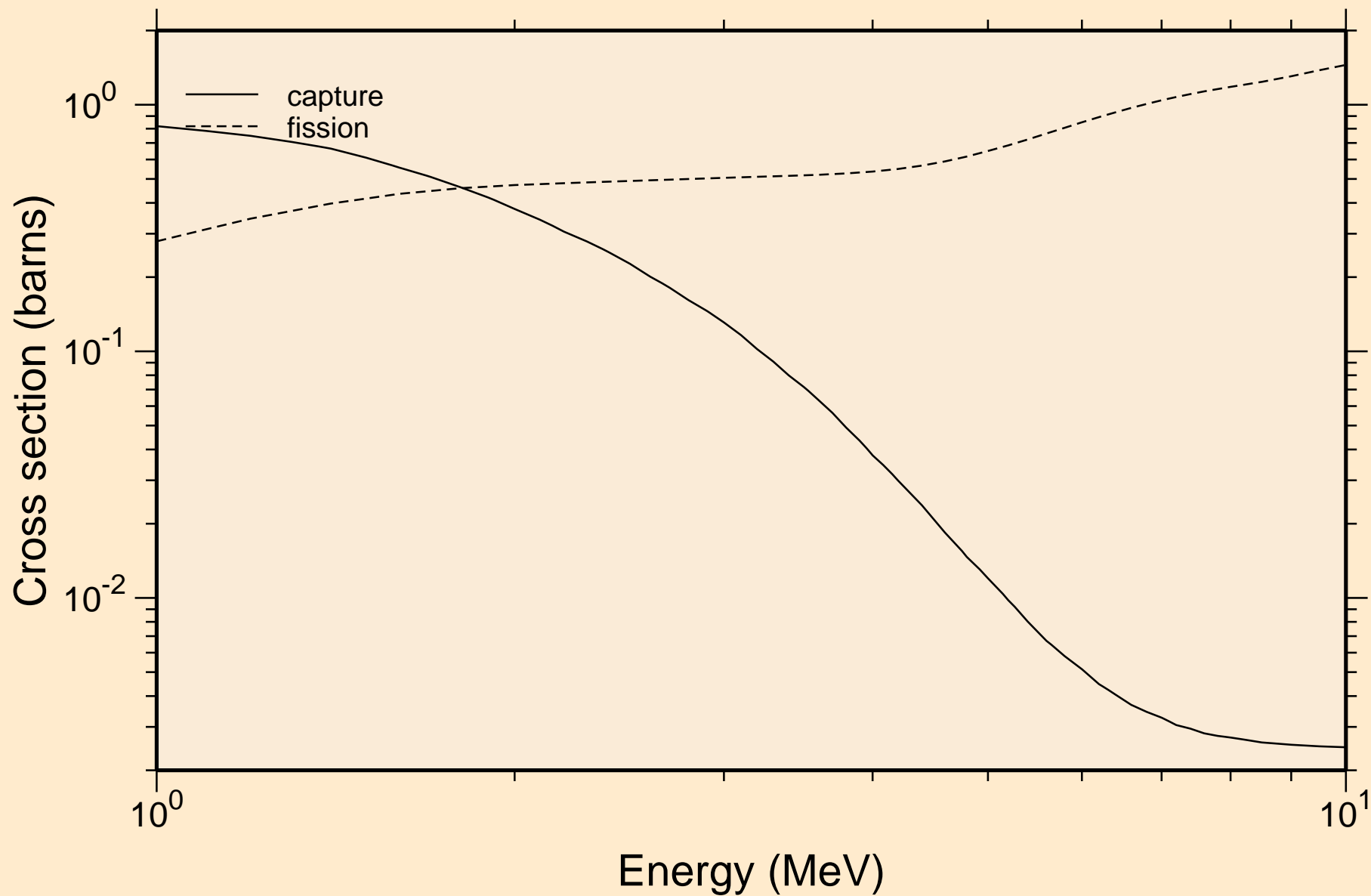
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



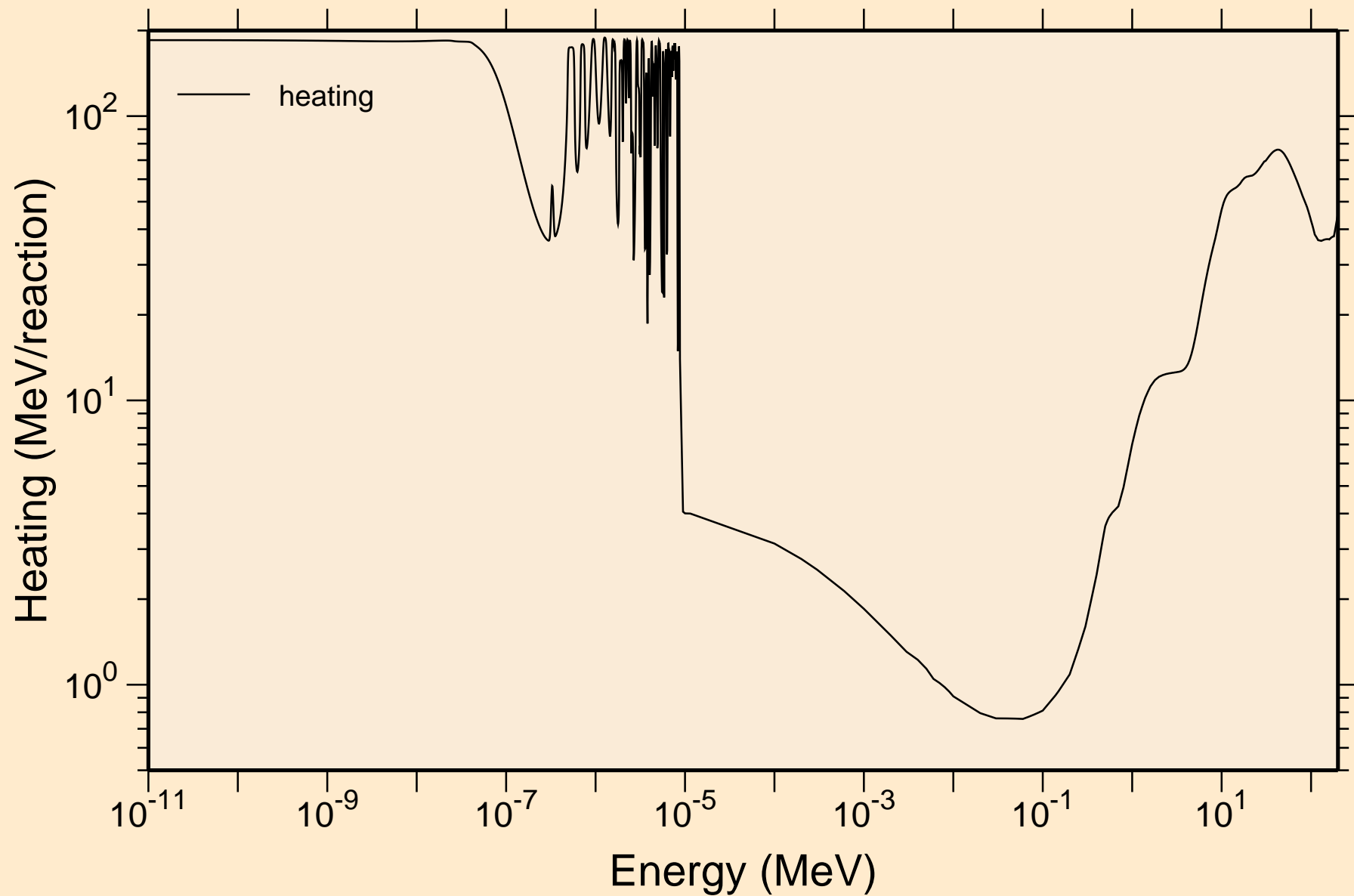
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



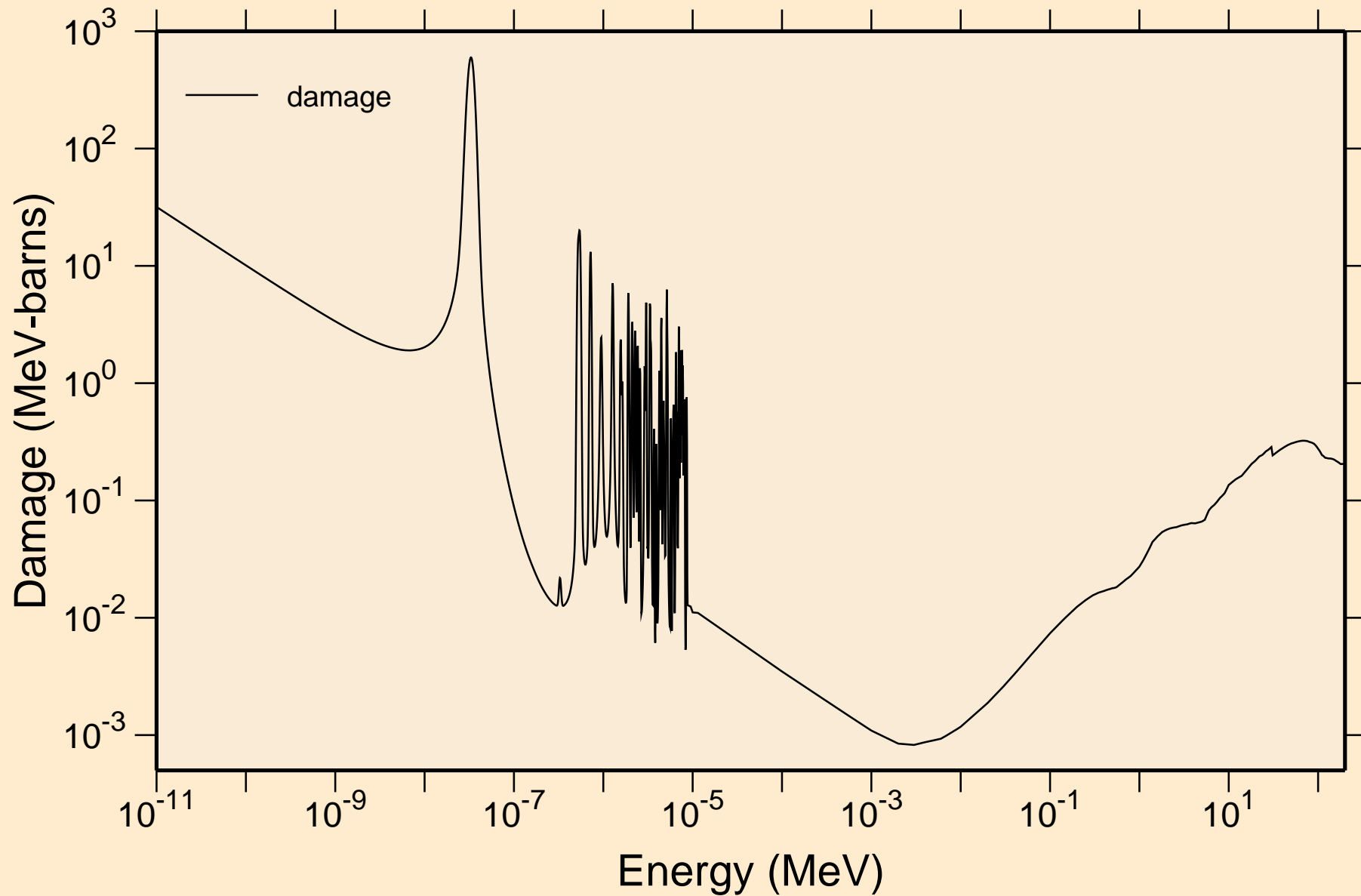
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



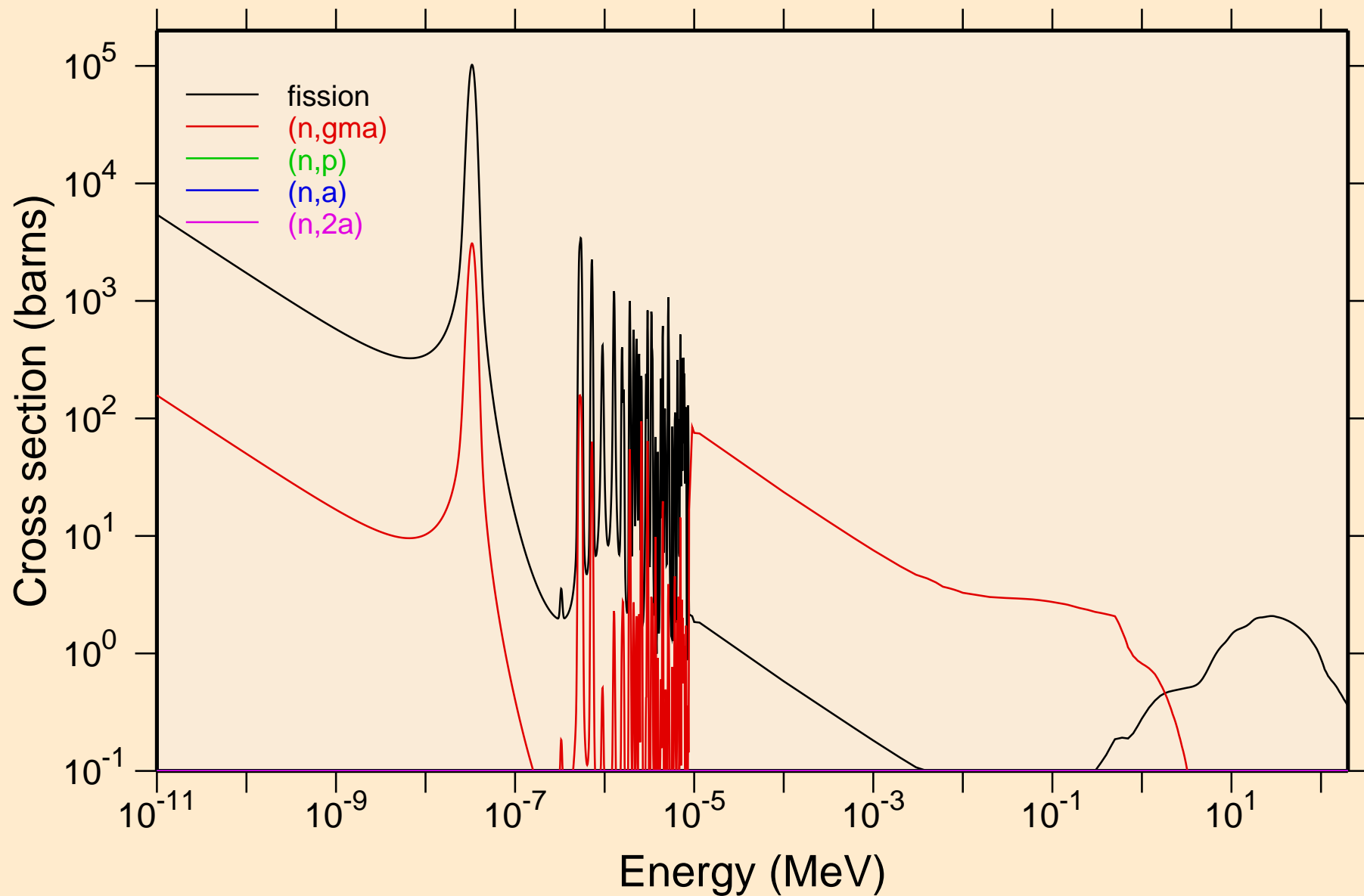
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



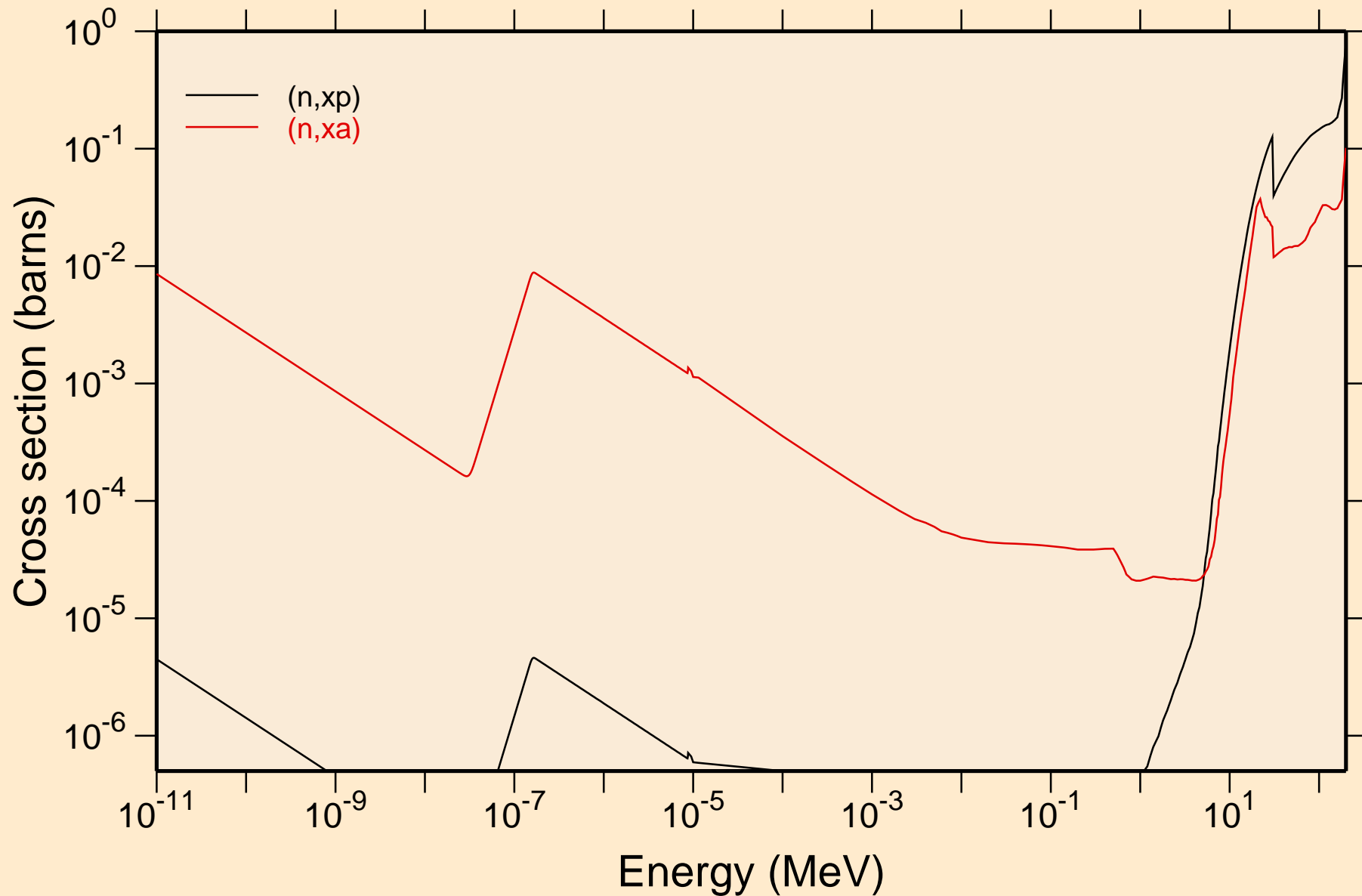
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



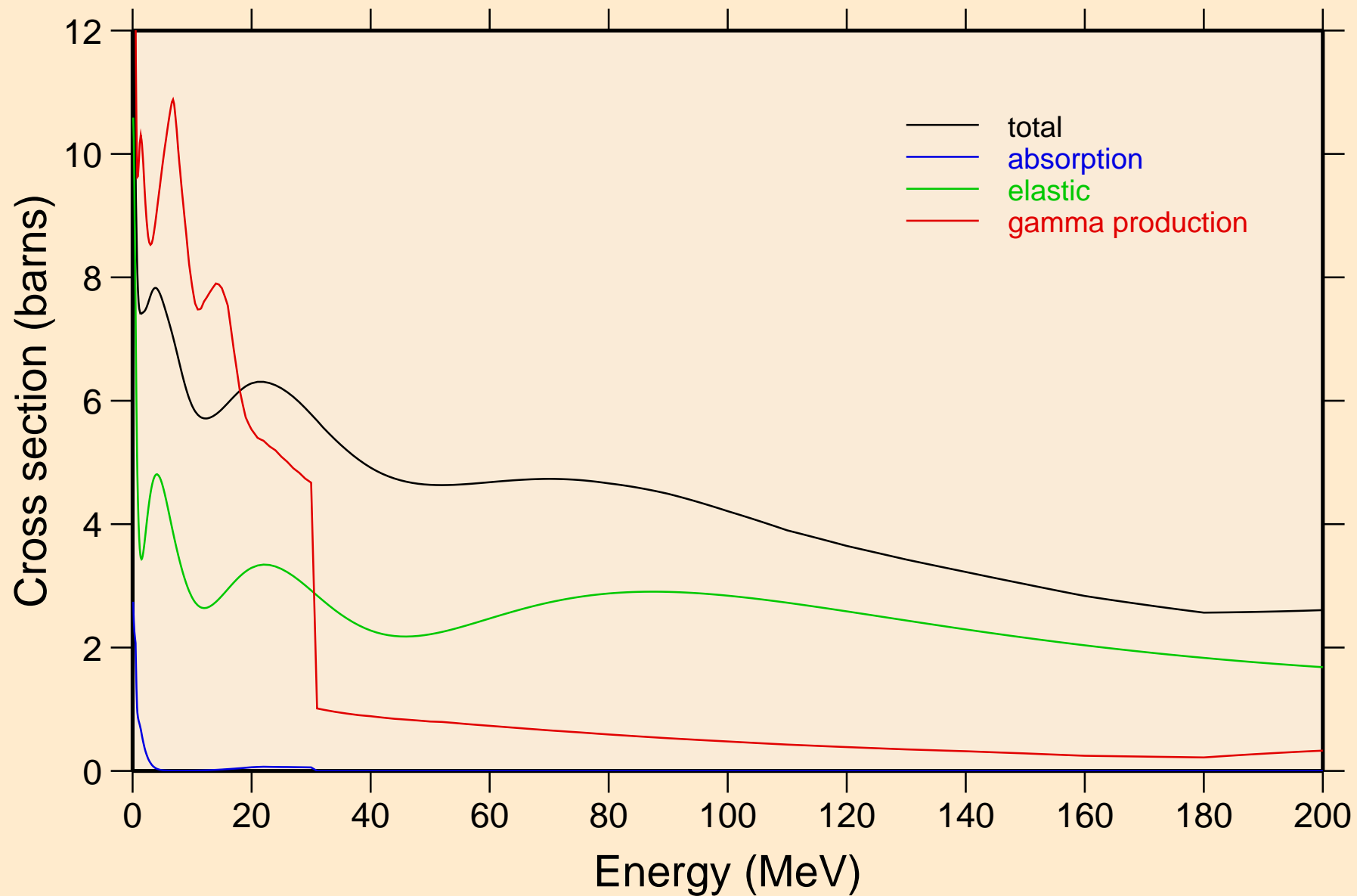
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



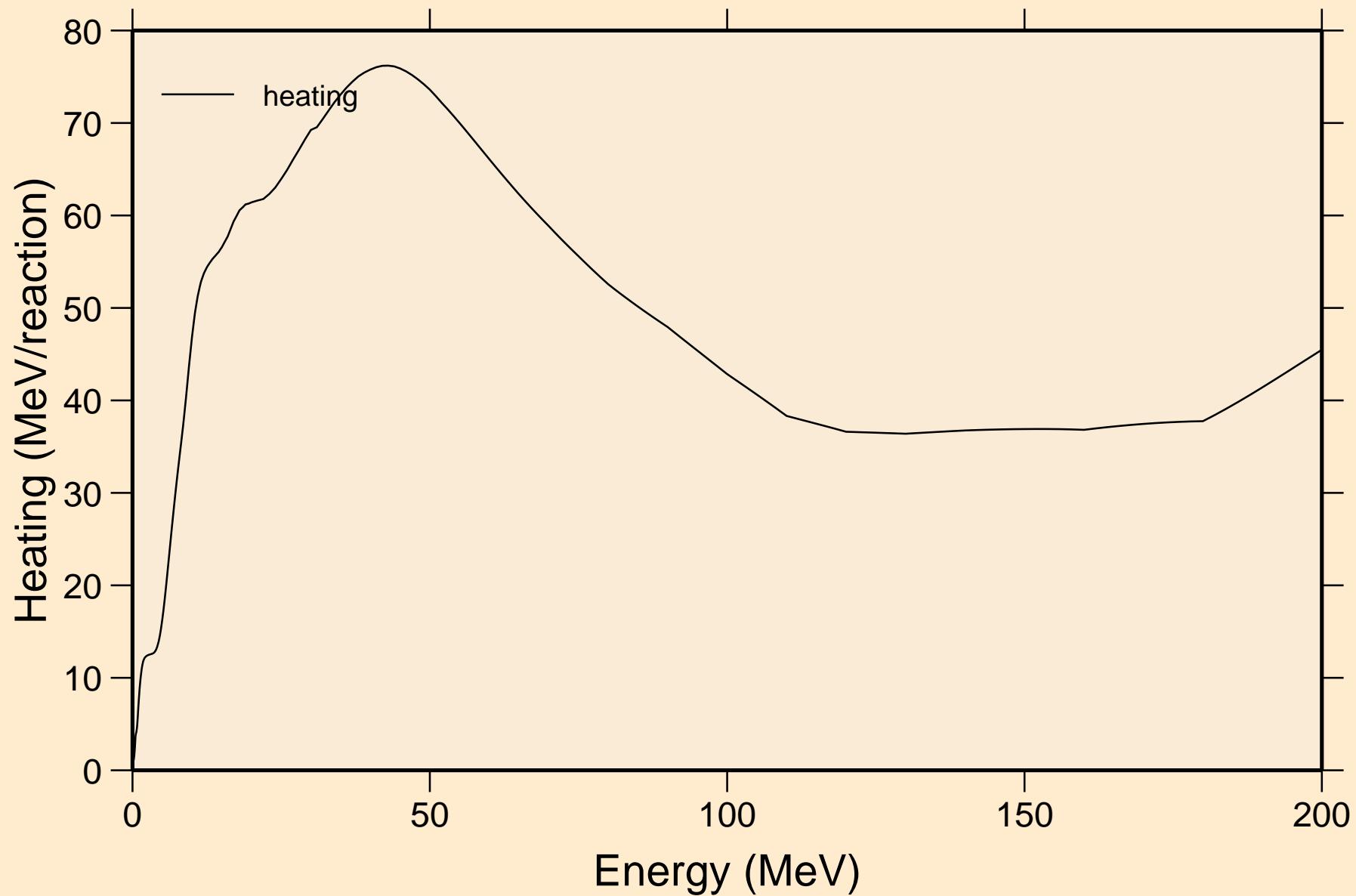
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



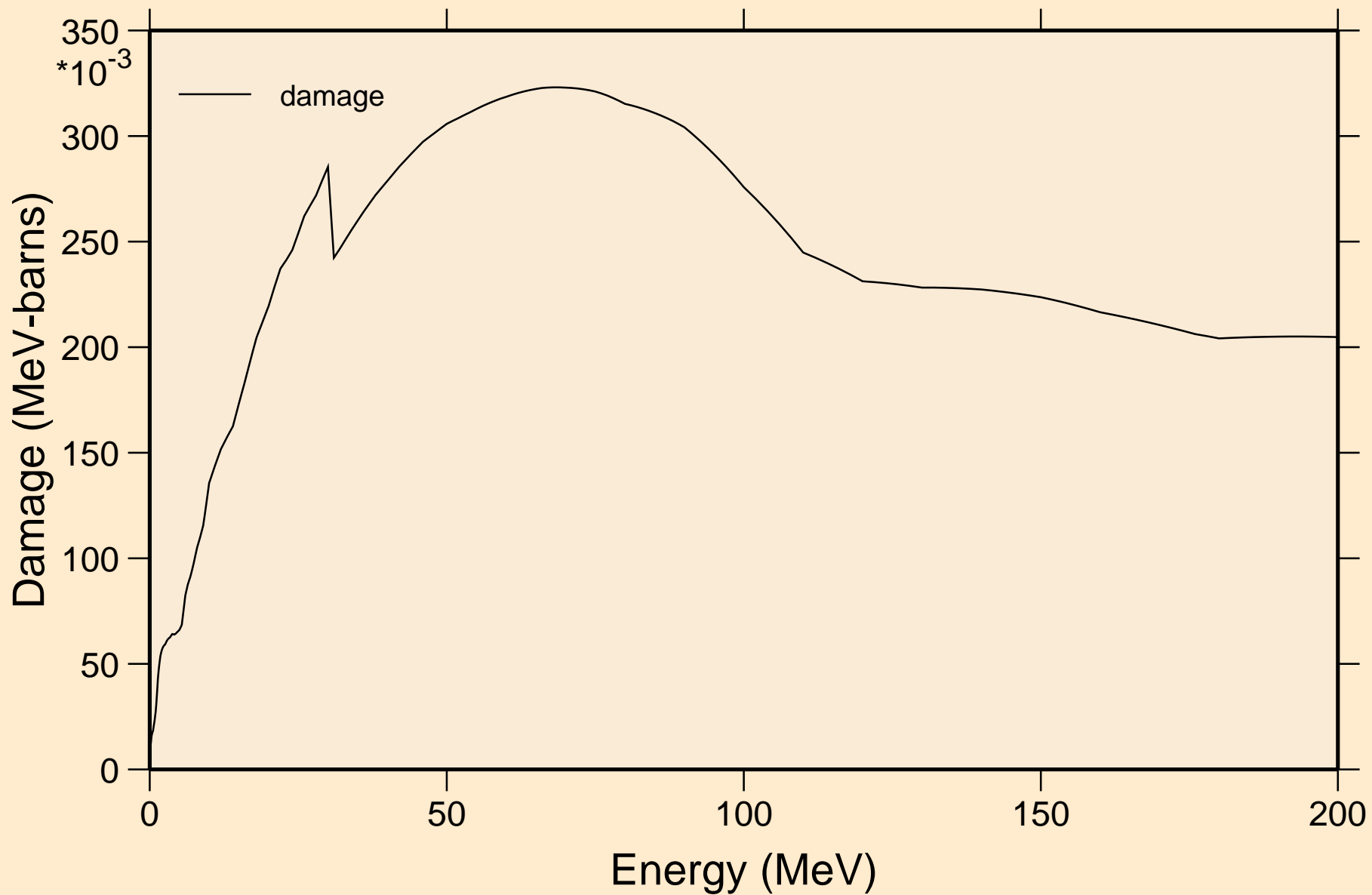
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



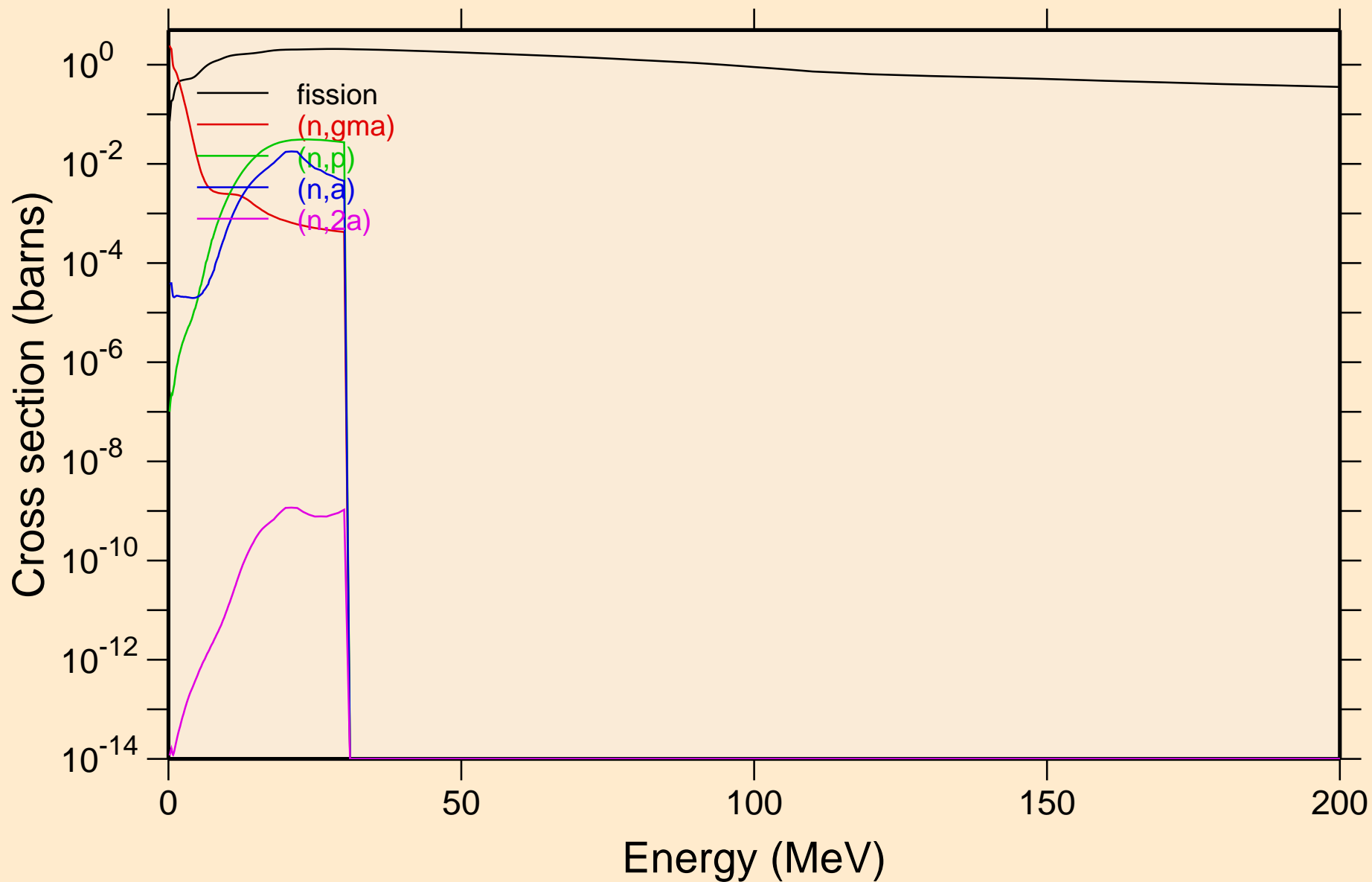
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



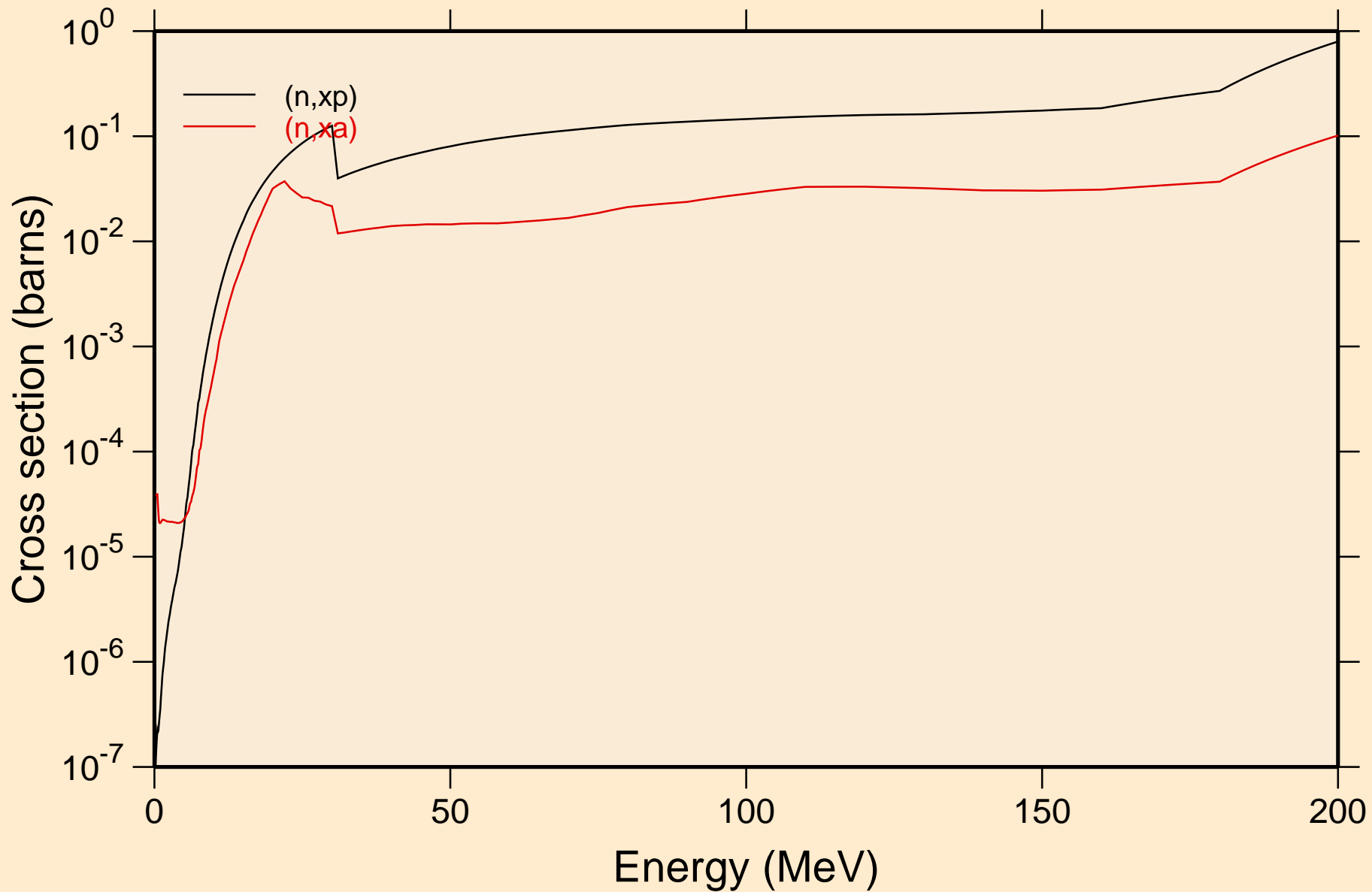
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



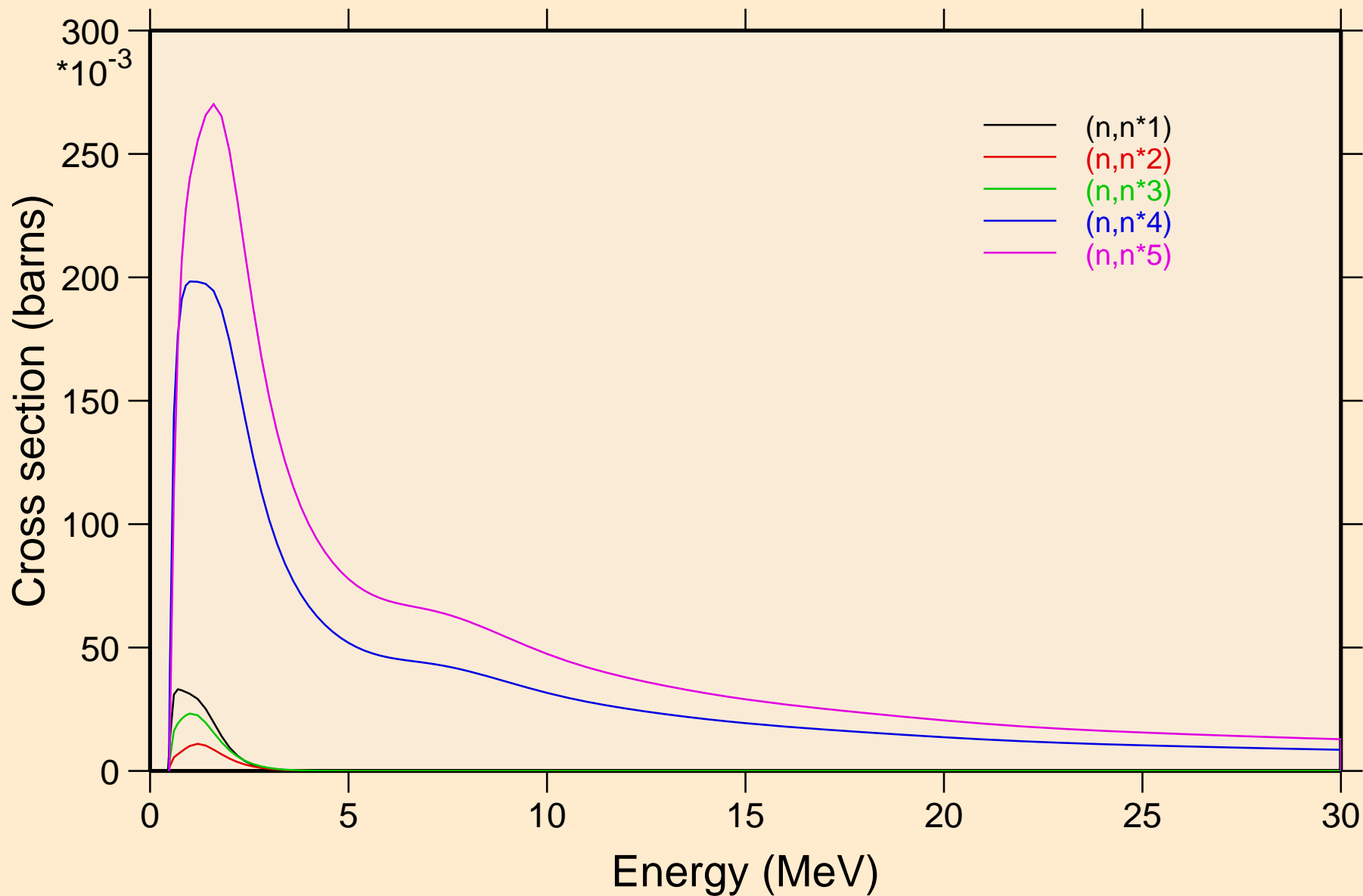
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



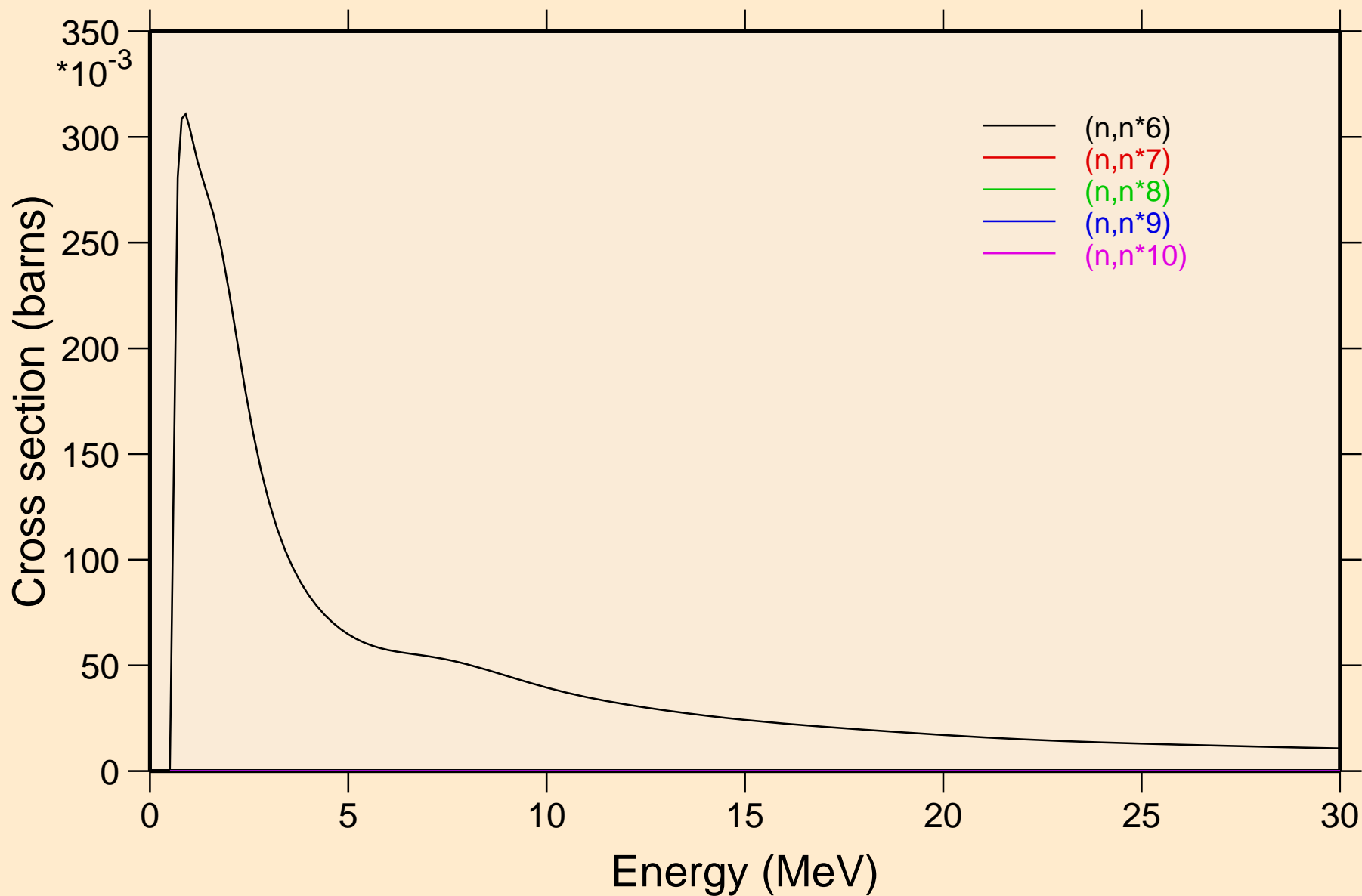
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



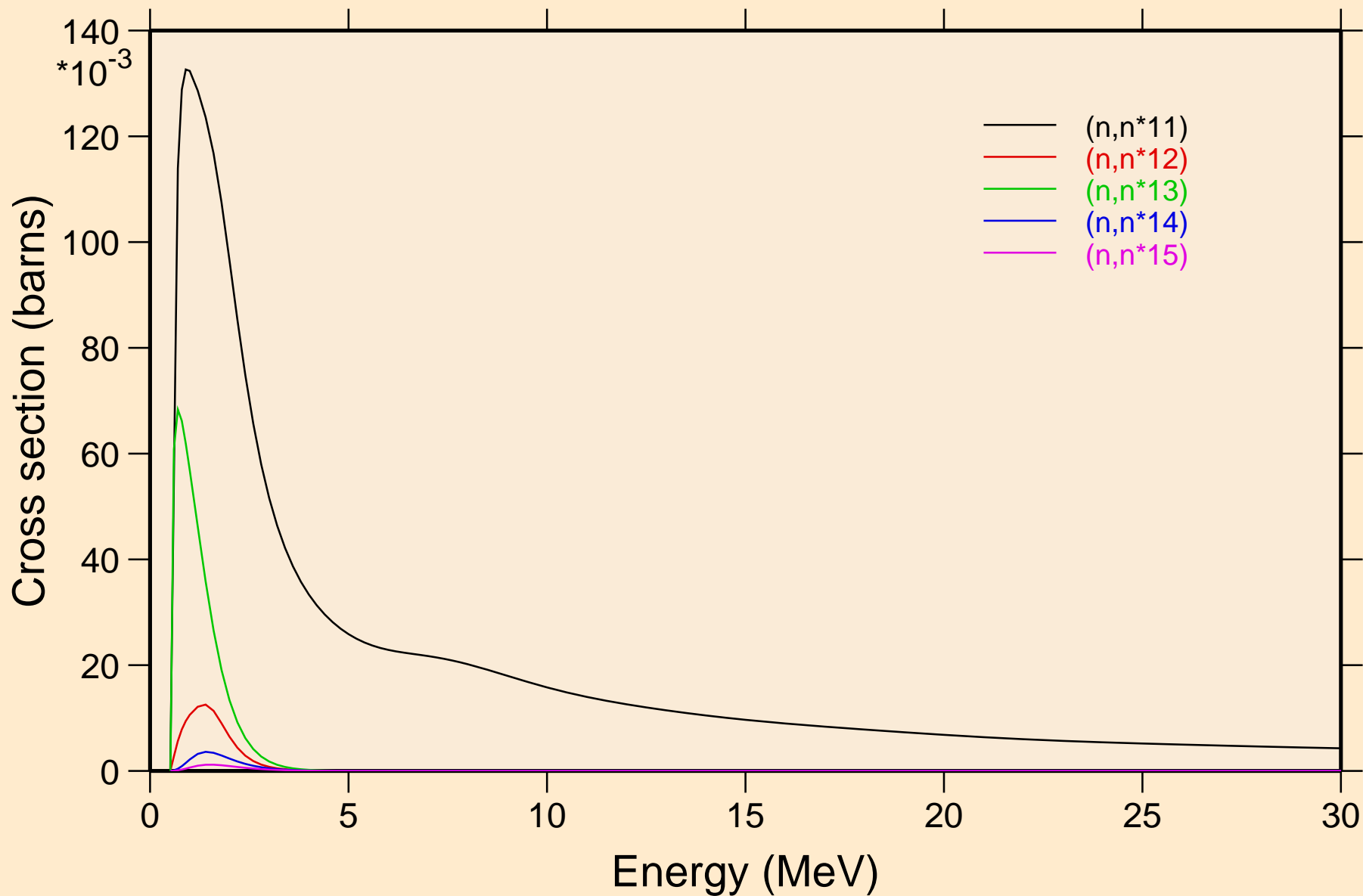
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



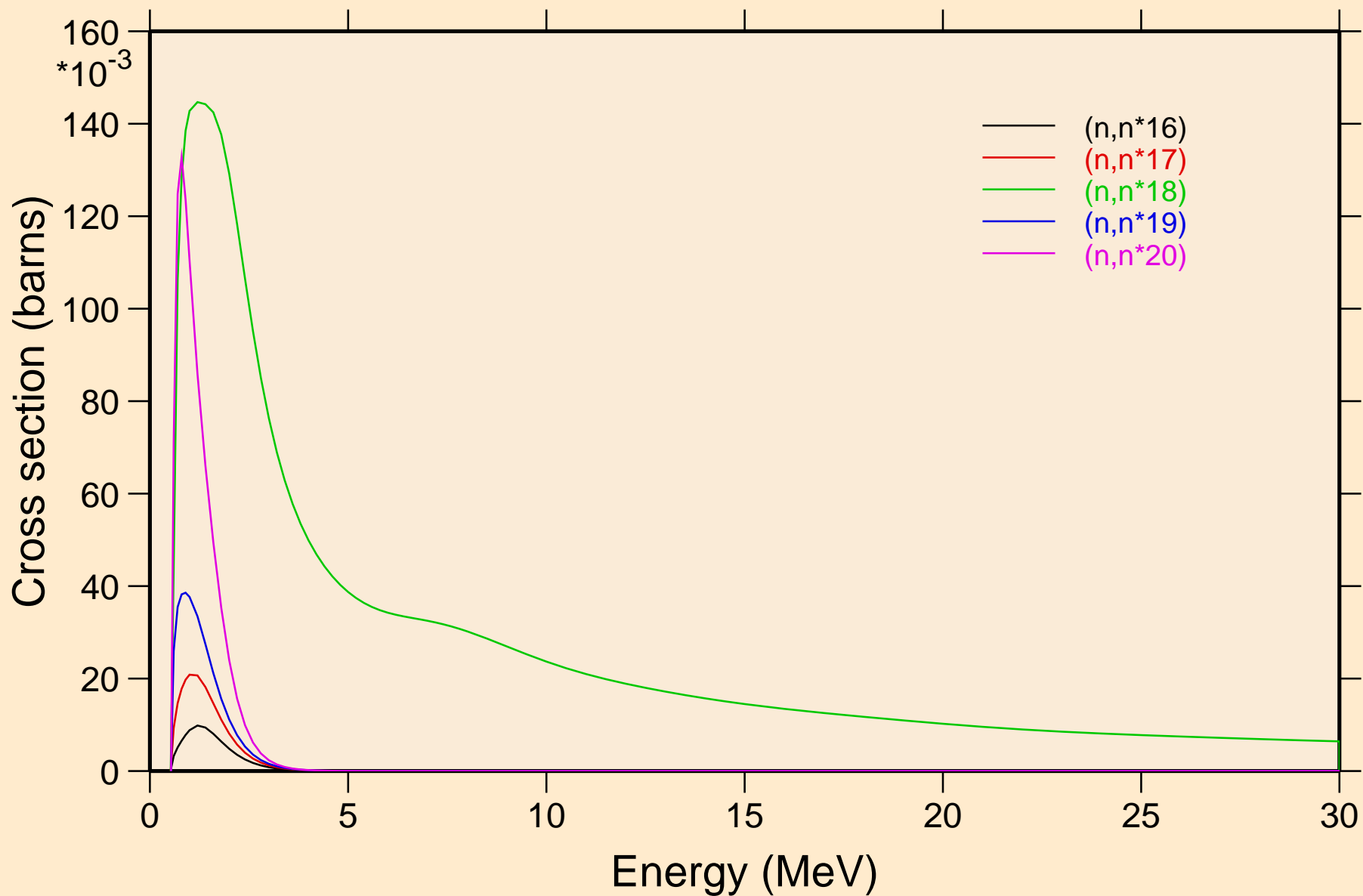
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



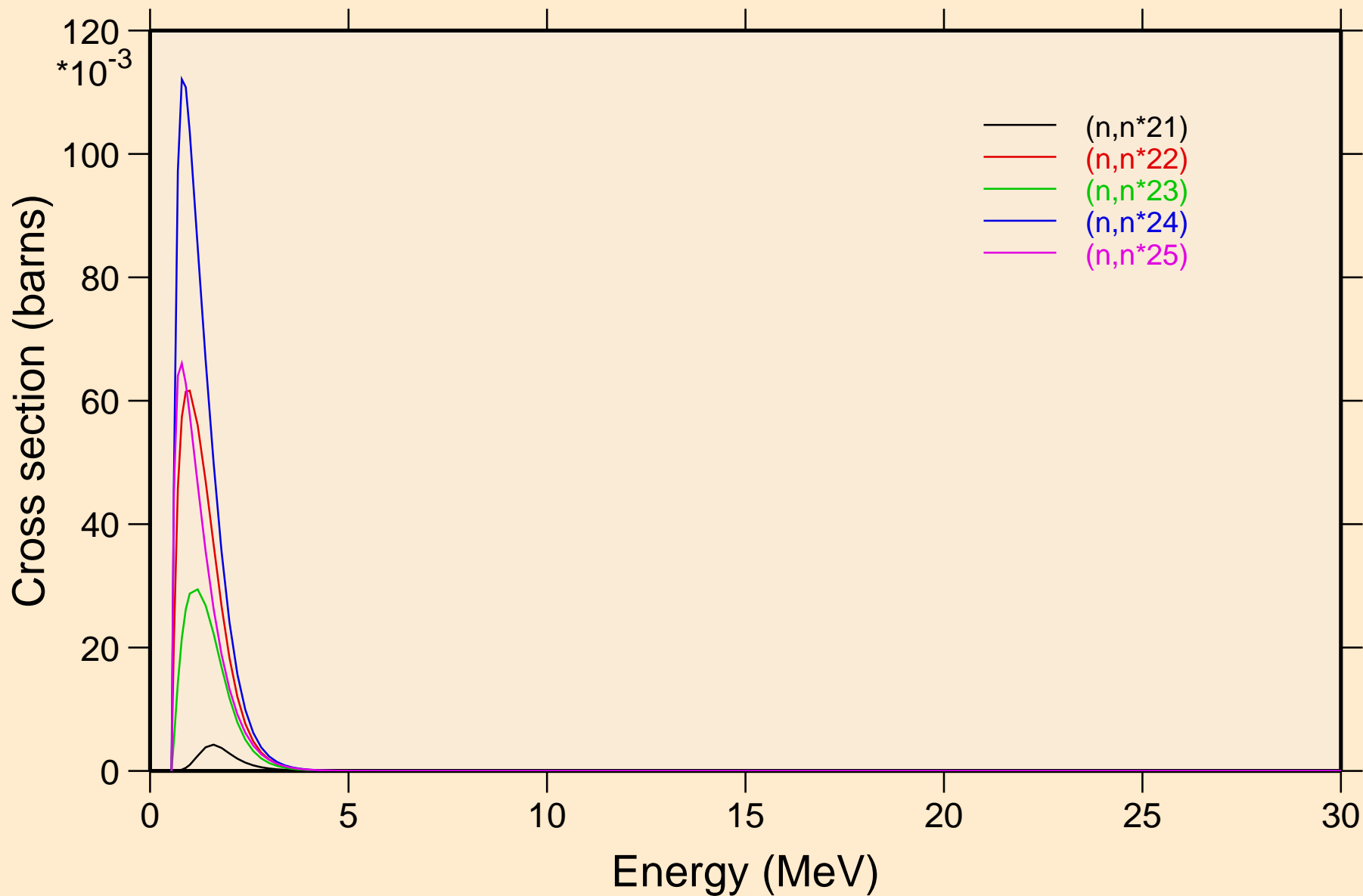
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



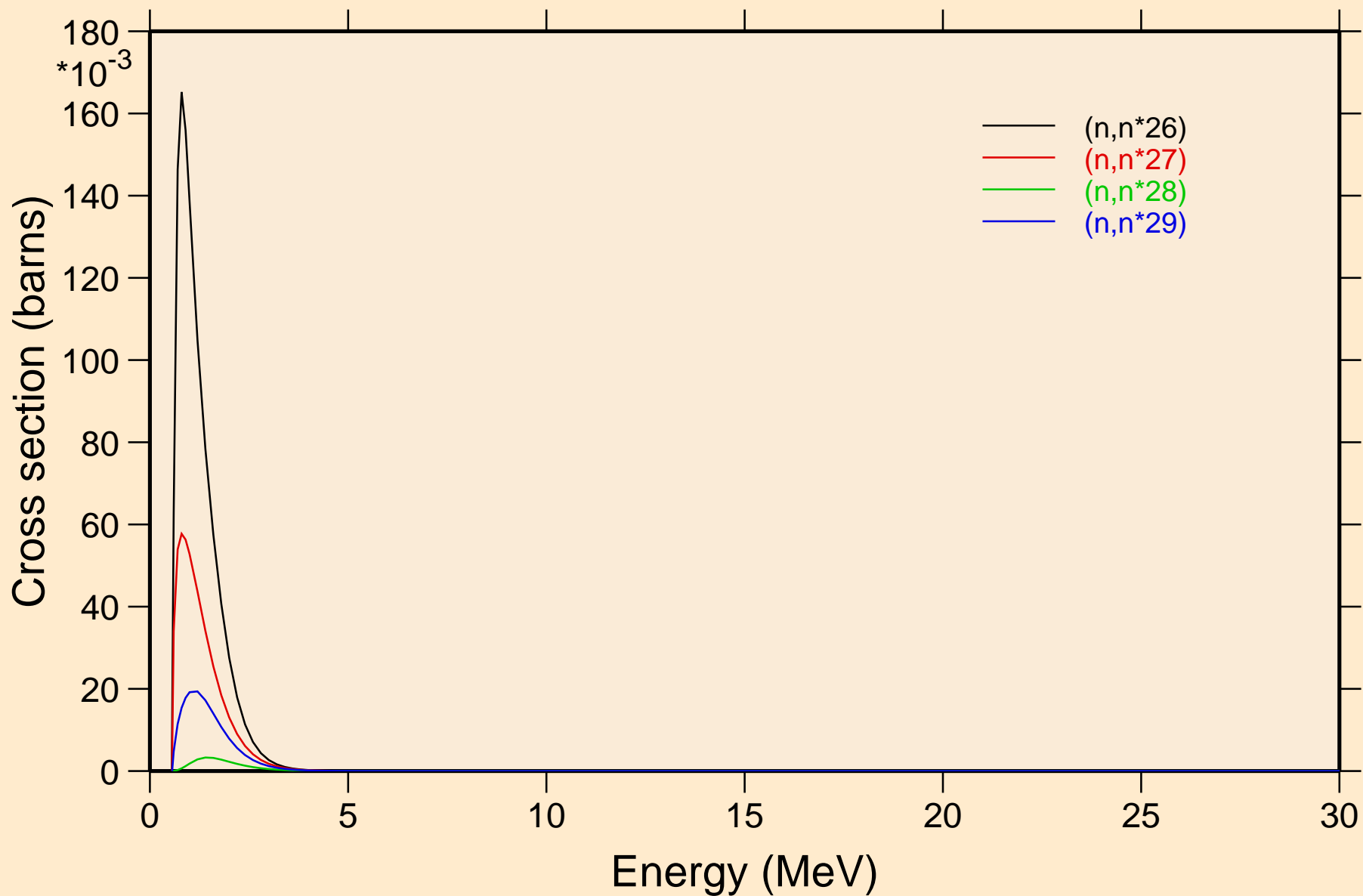
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



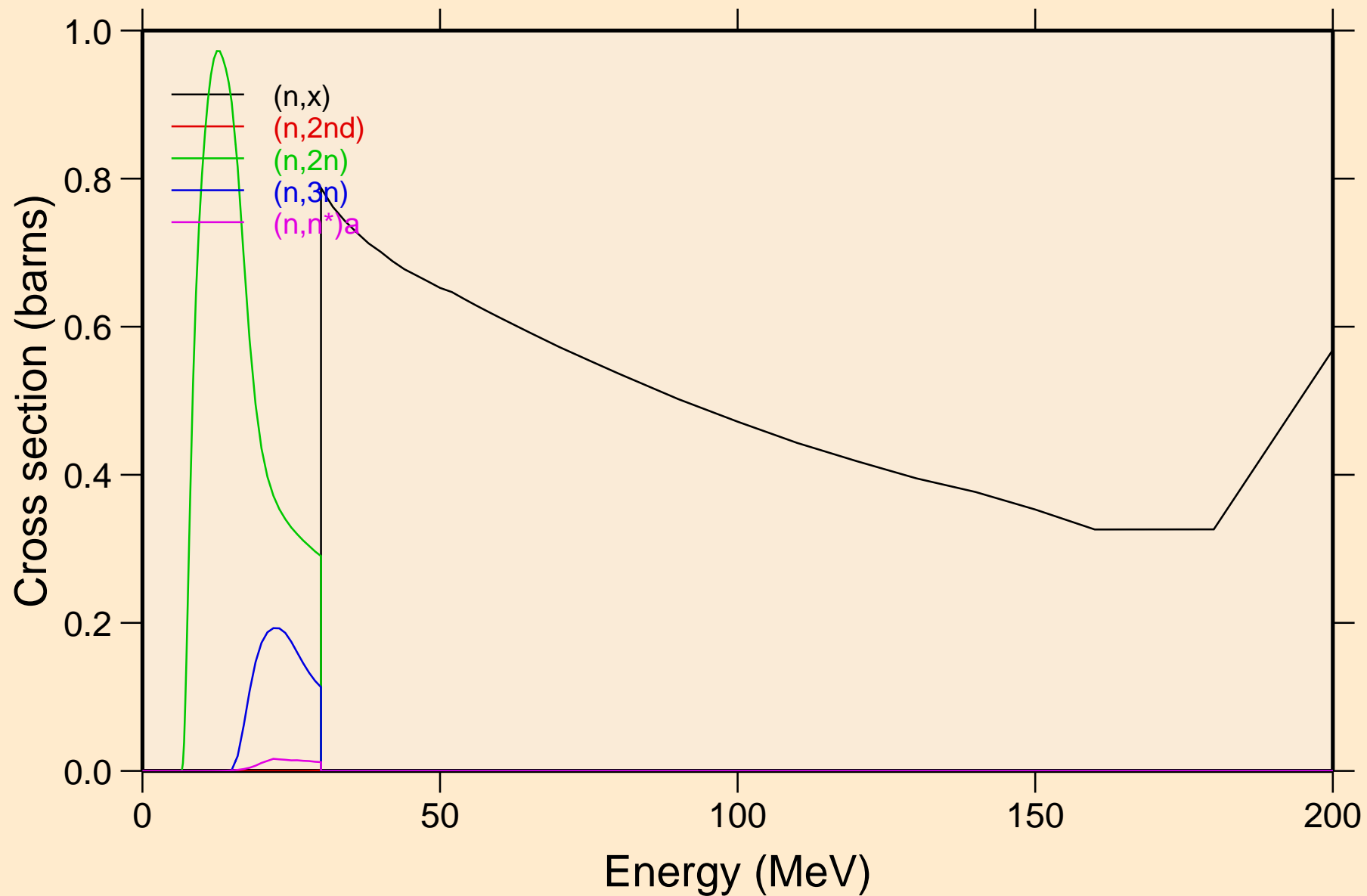
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



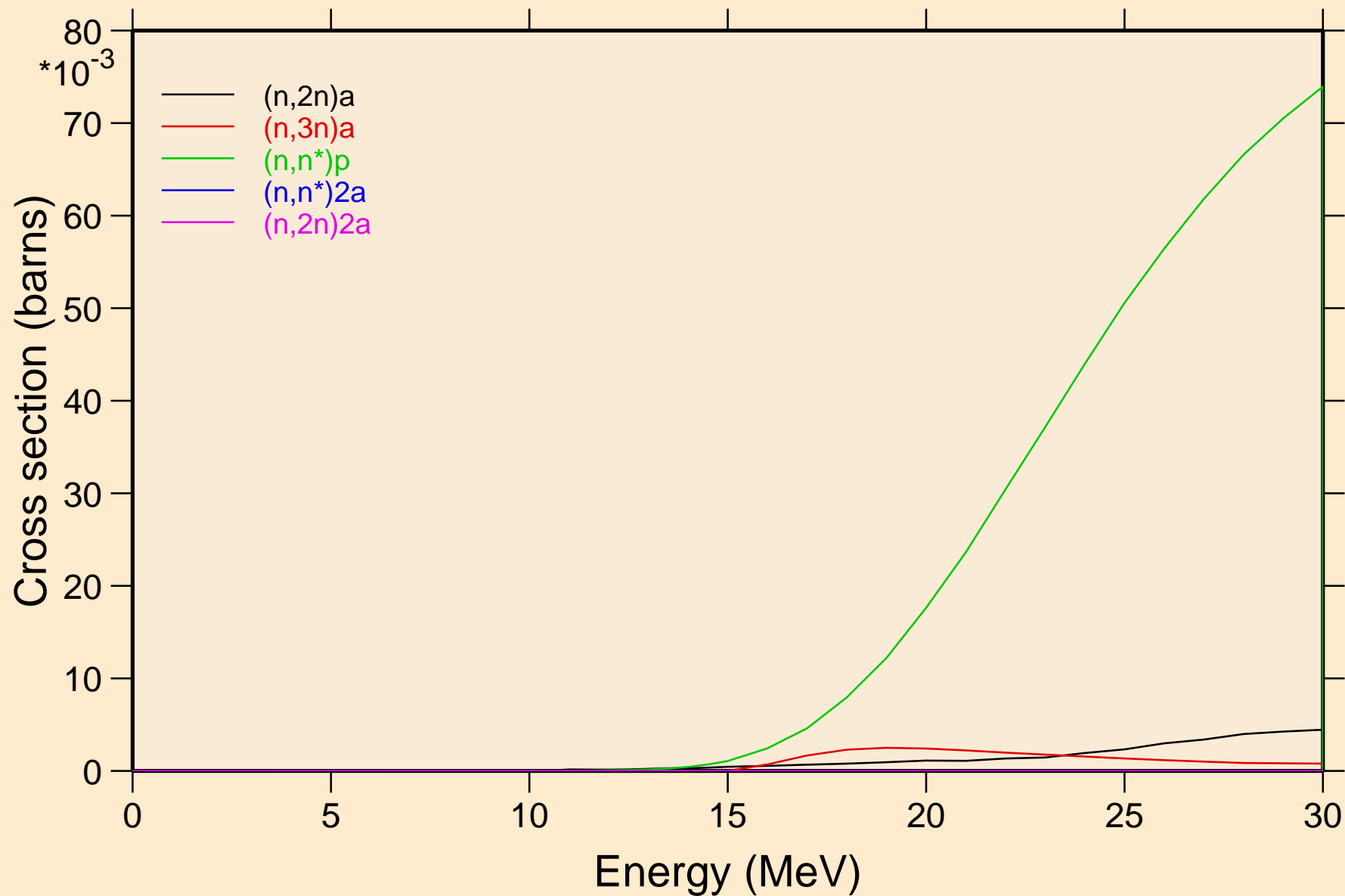
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

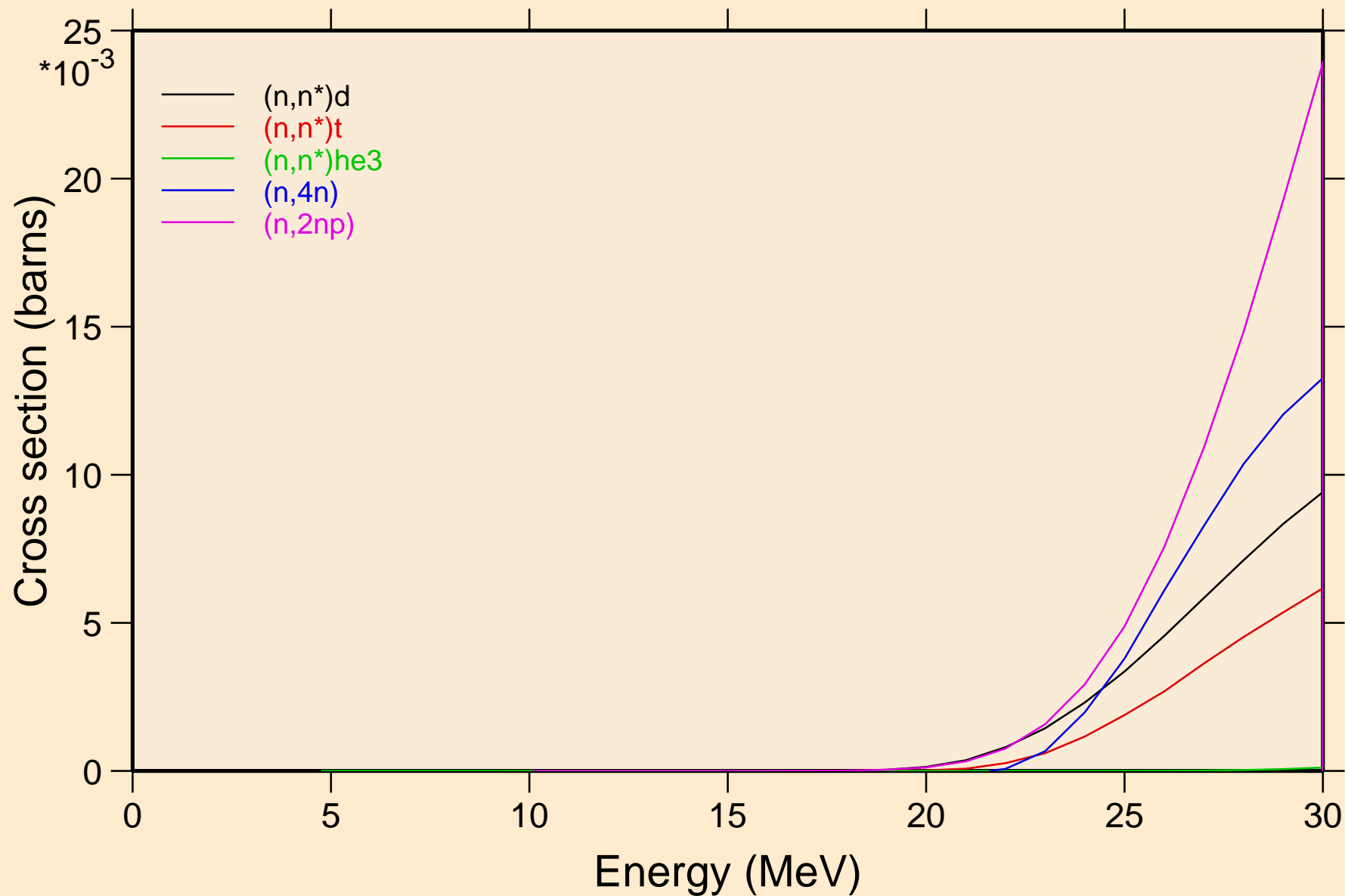


FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

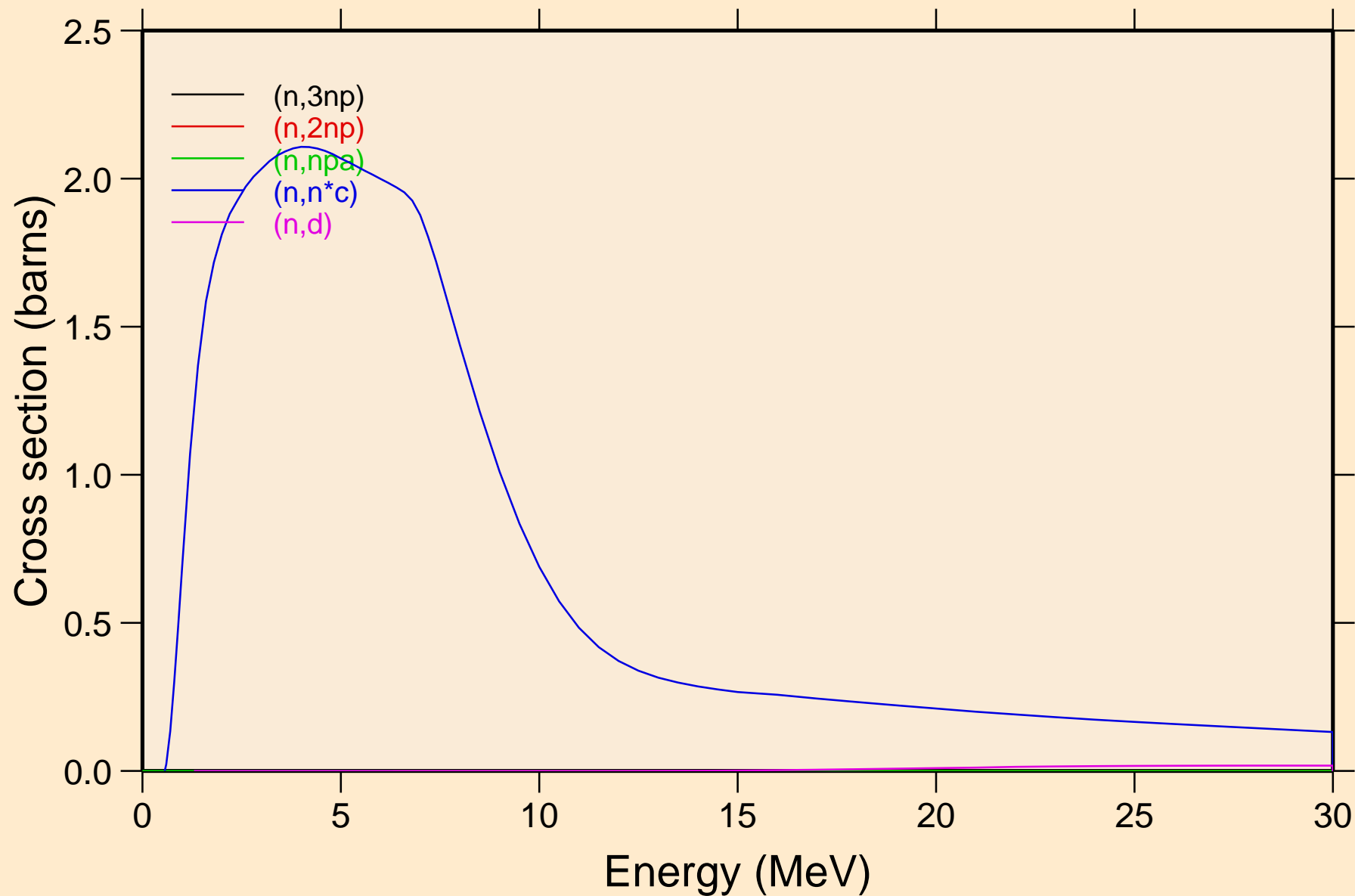


FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

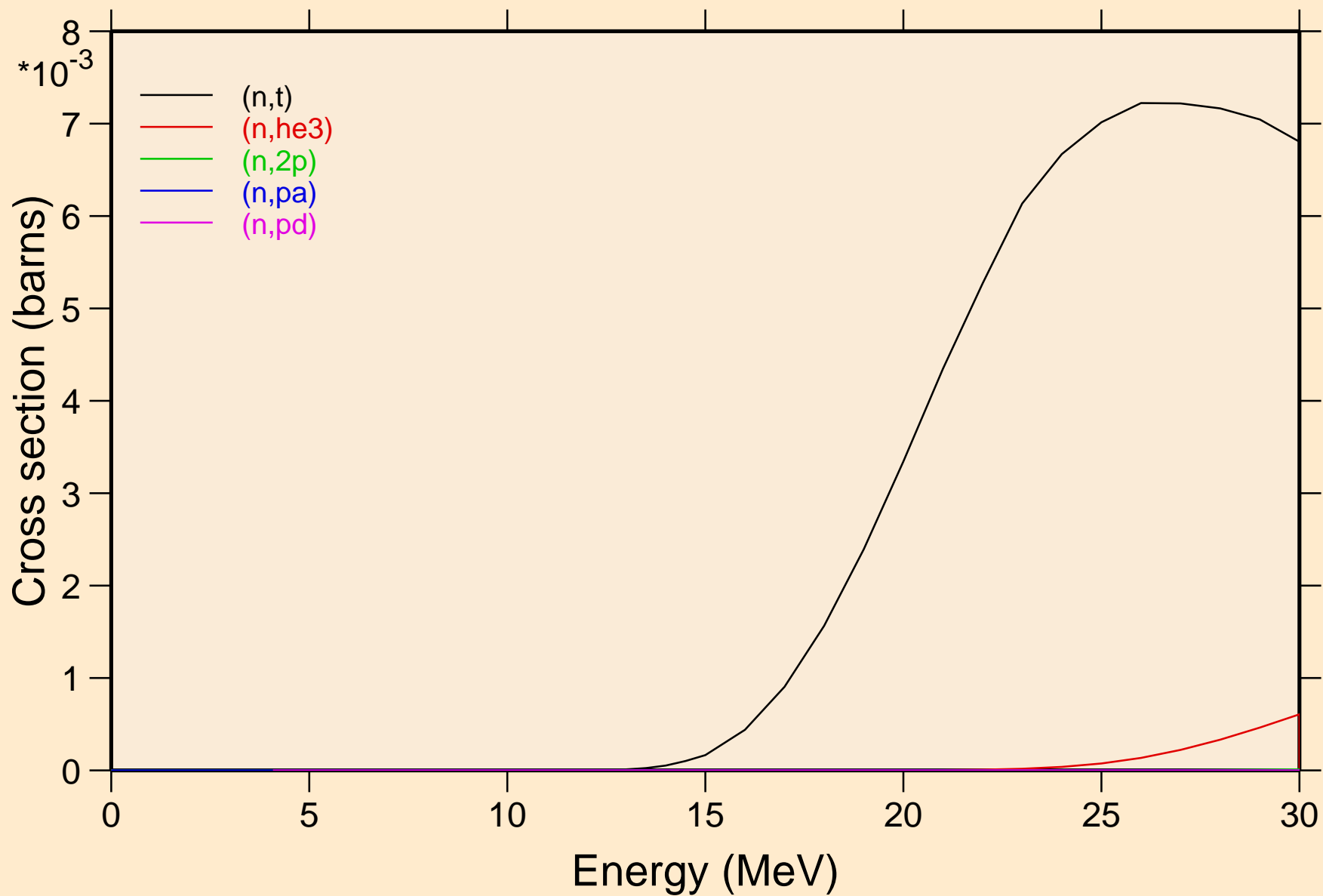
Threshold reactions



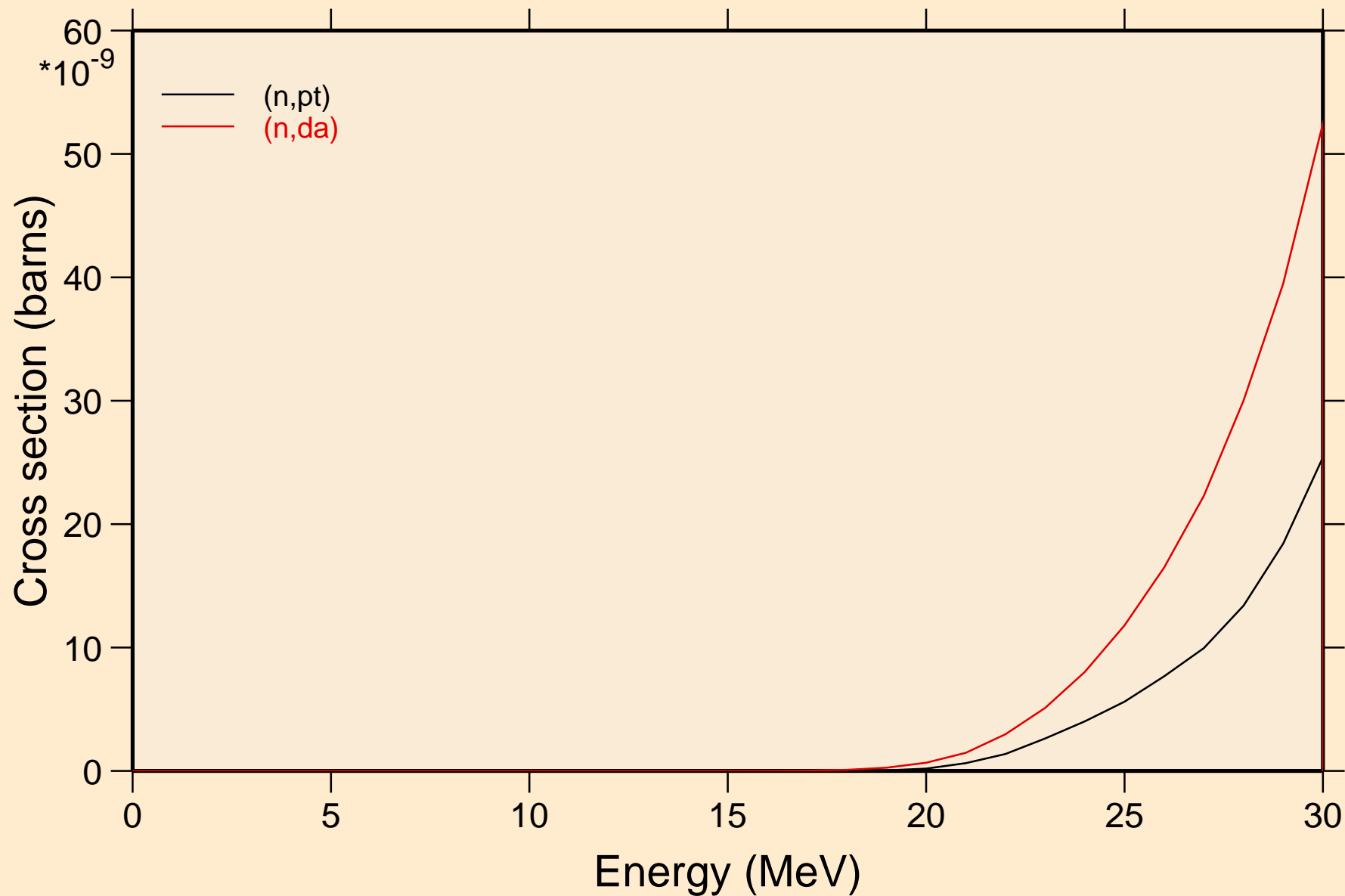
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



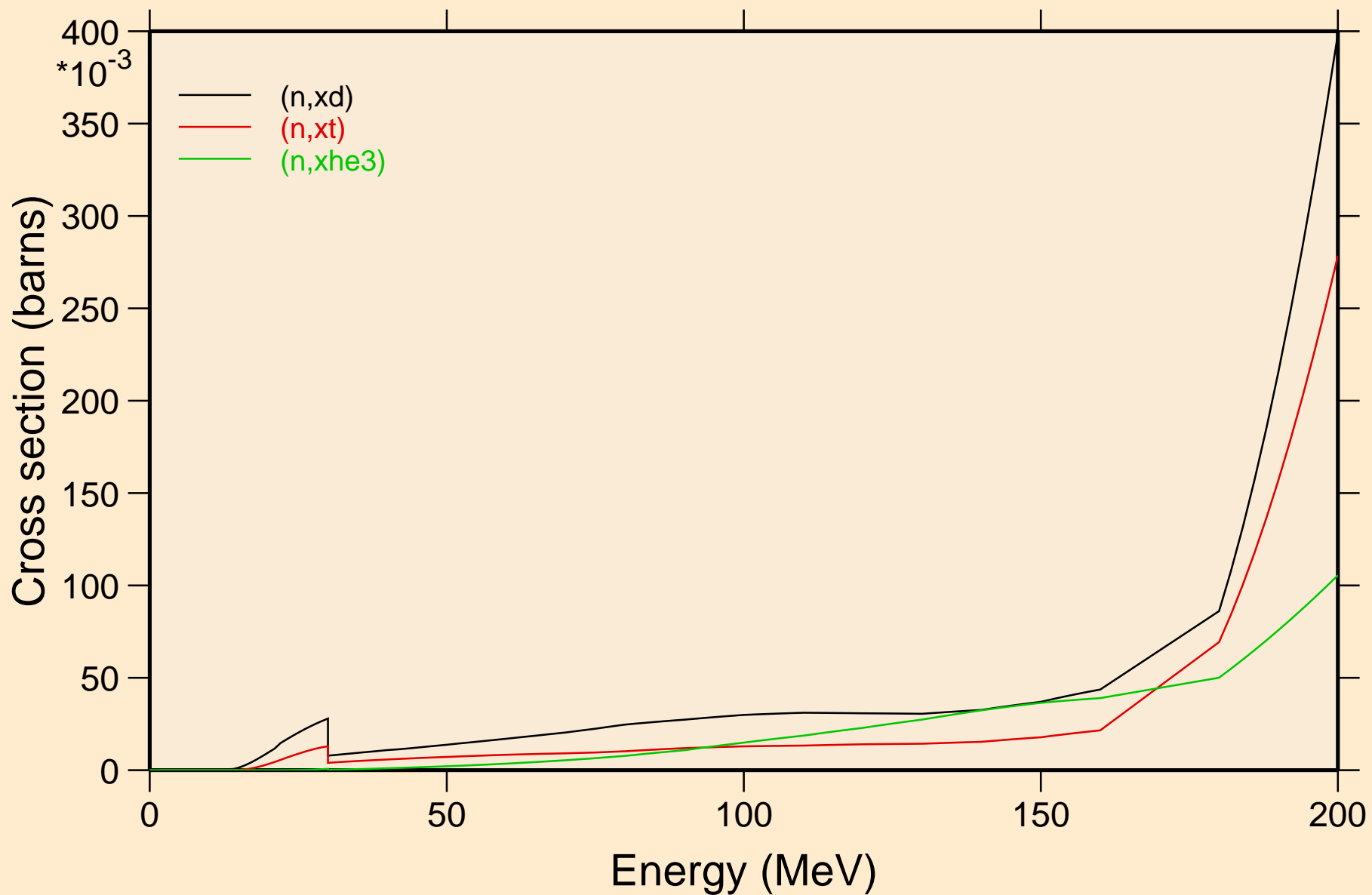
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



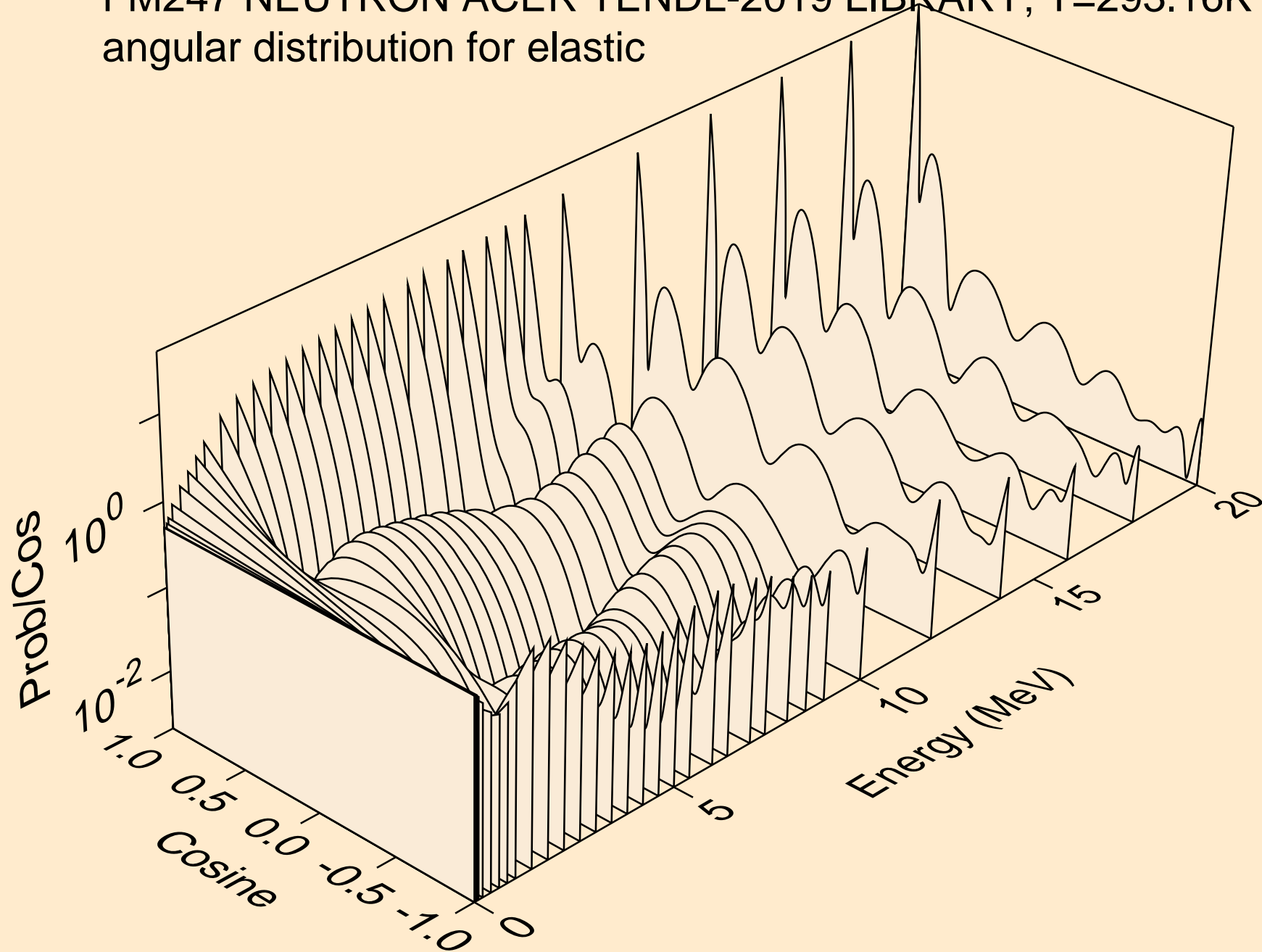
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



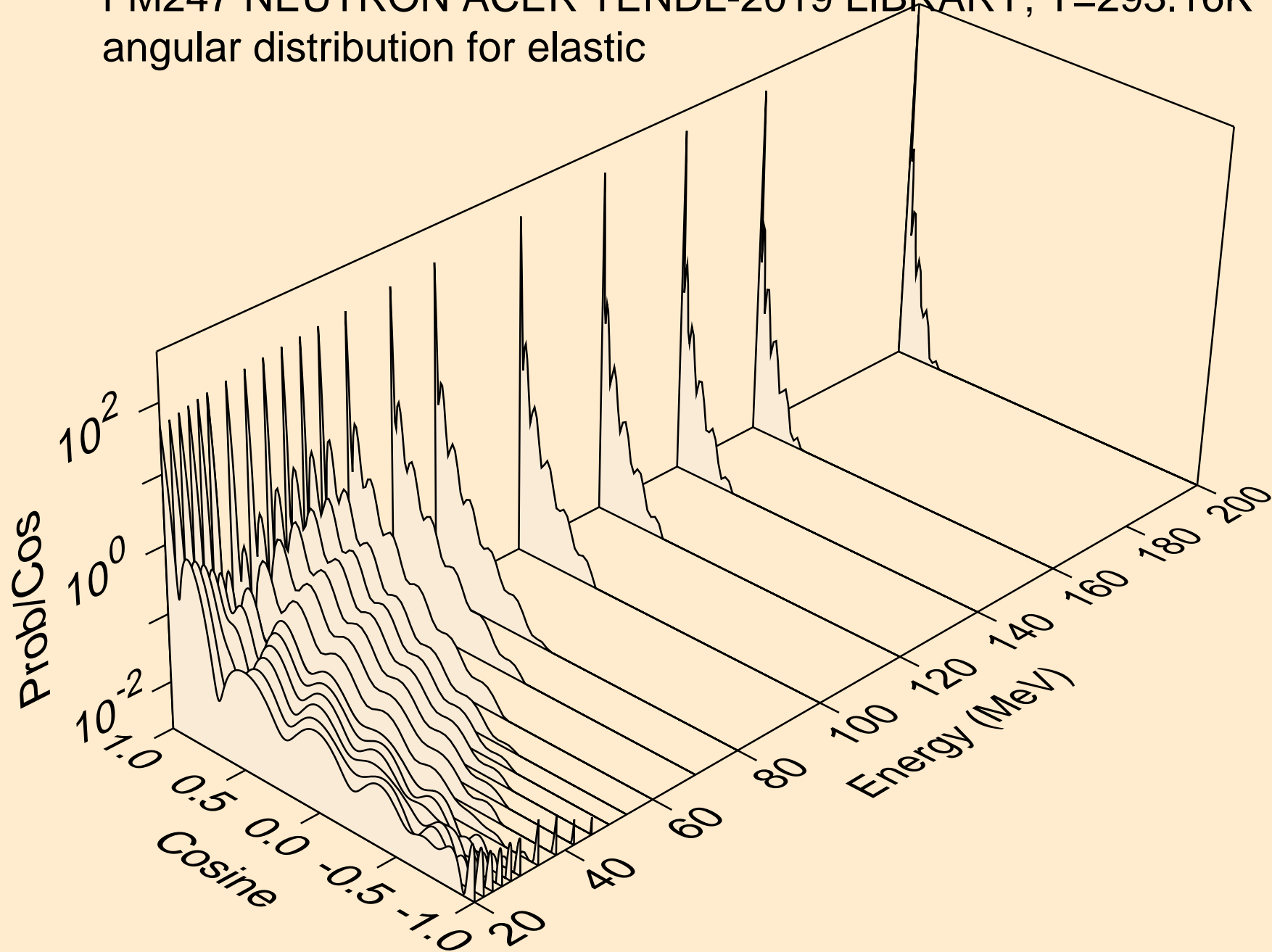
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



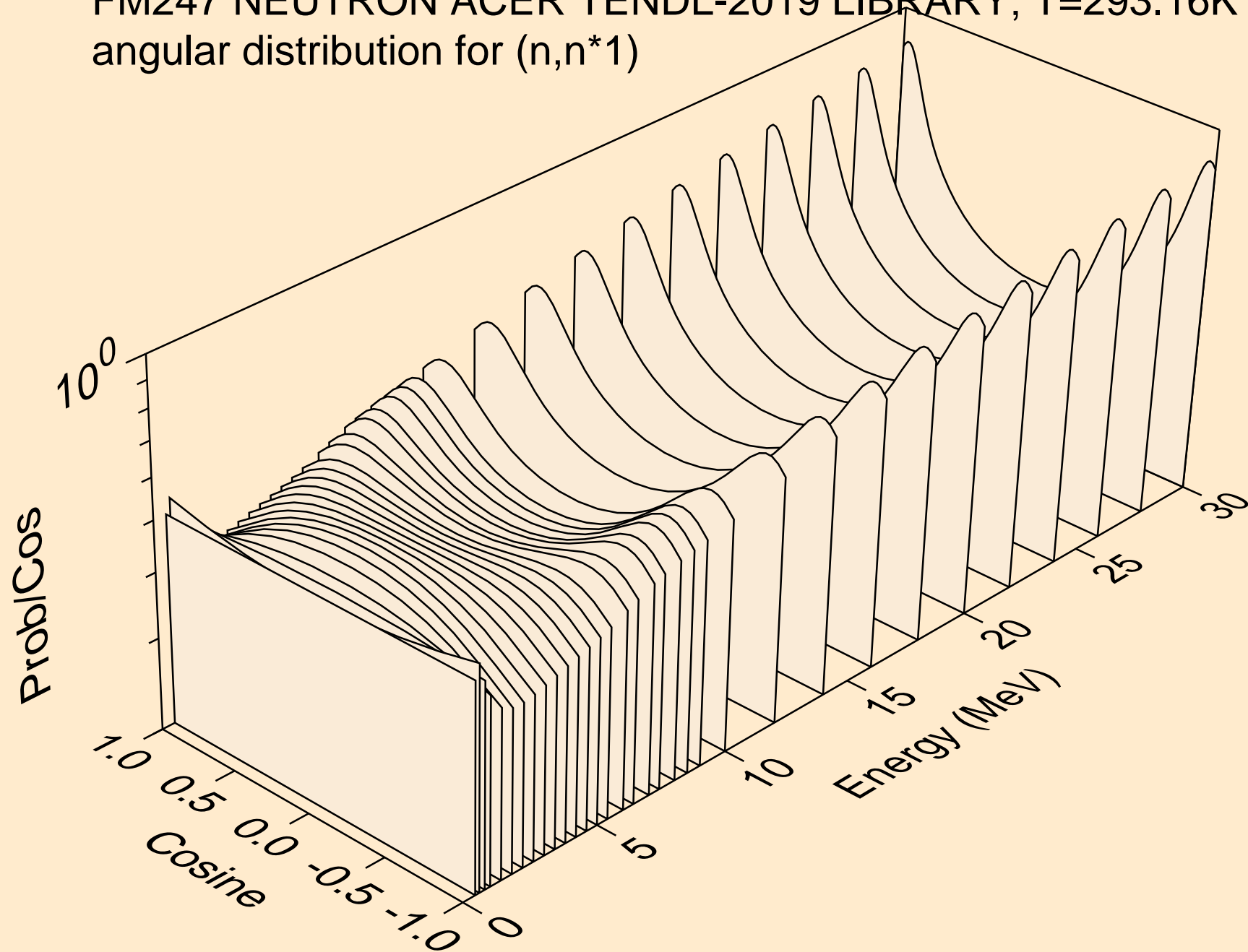
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



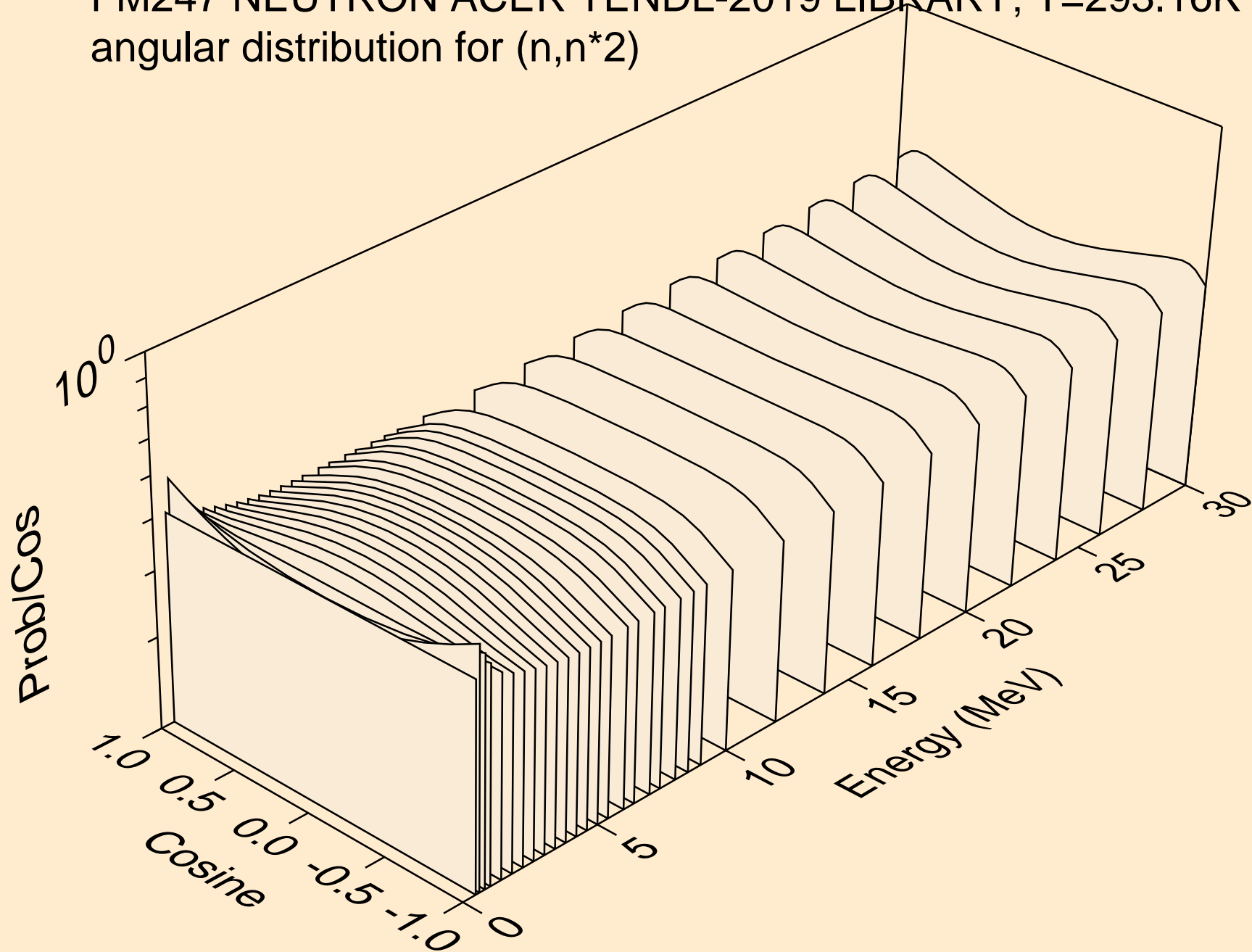
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



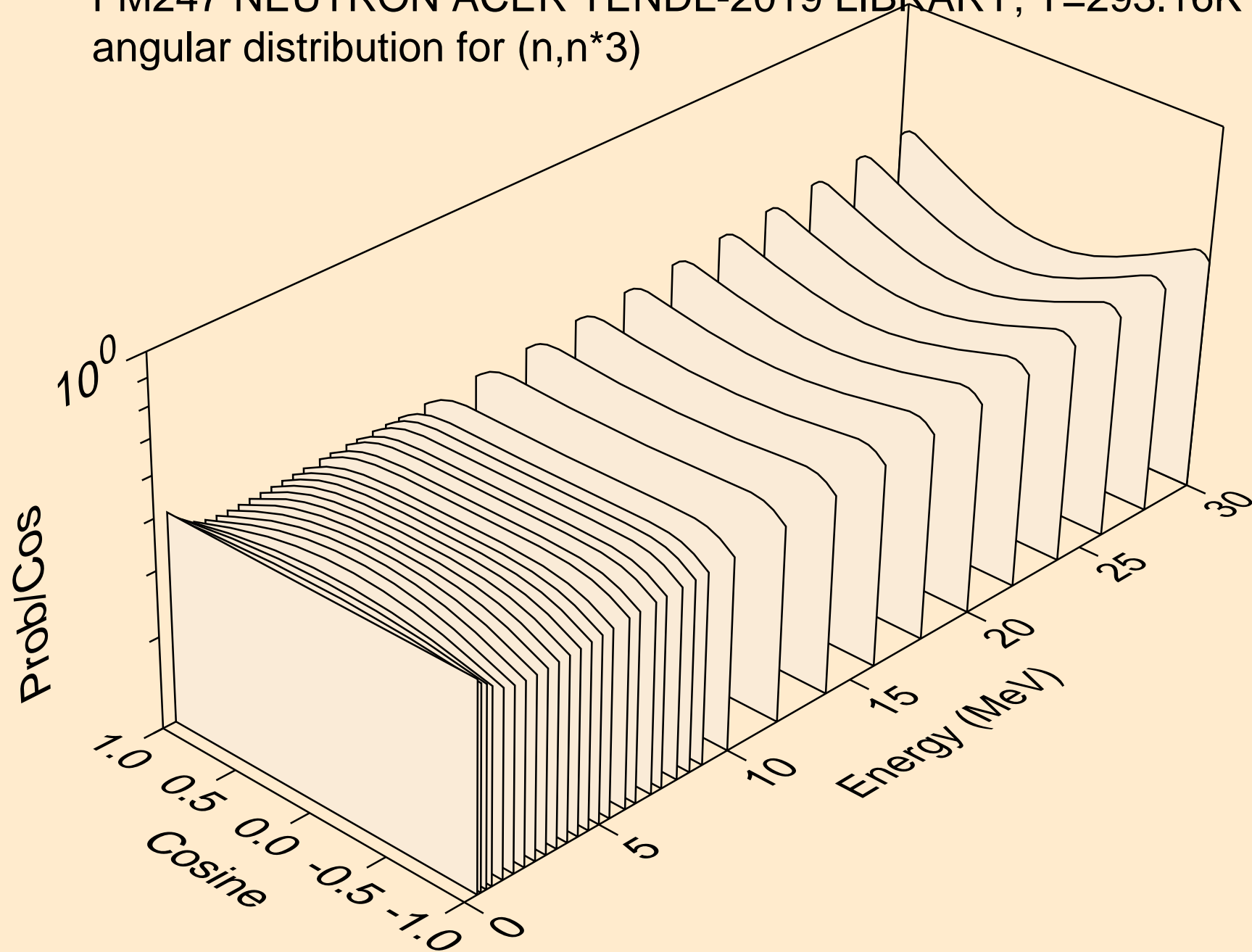
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



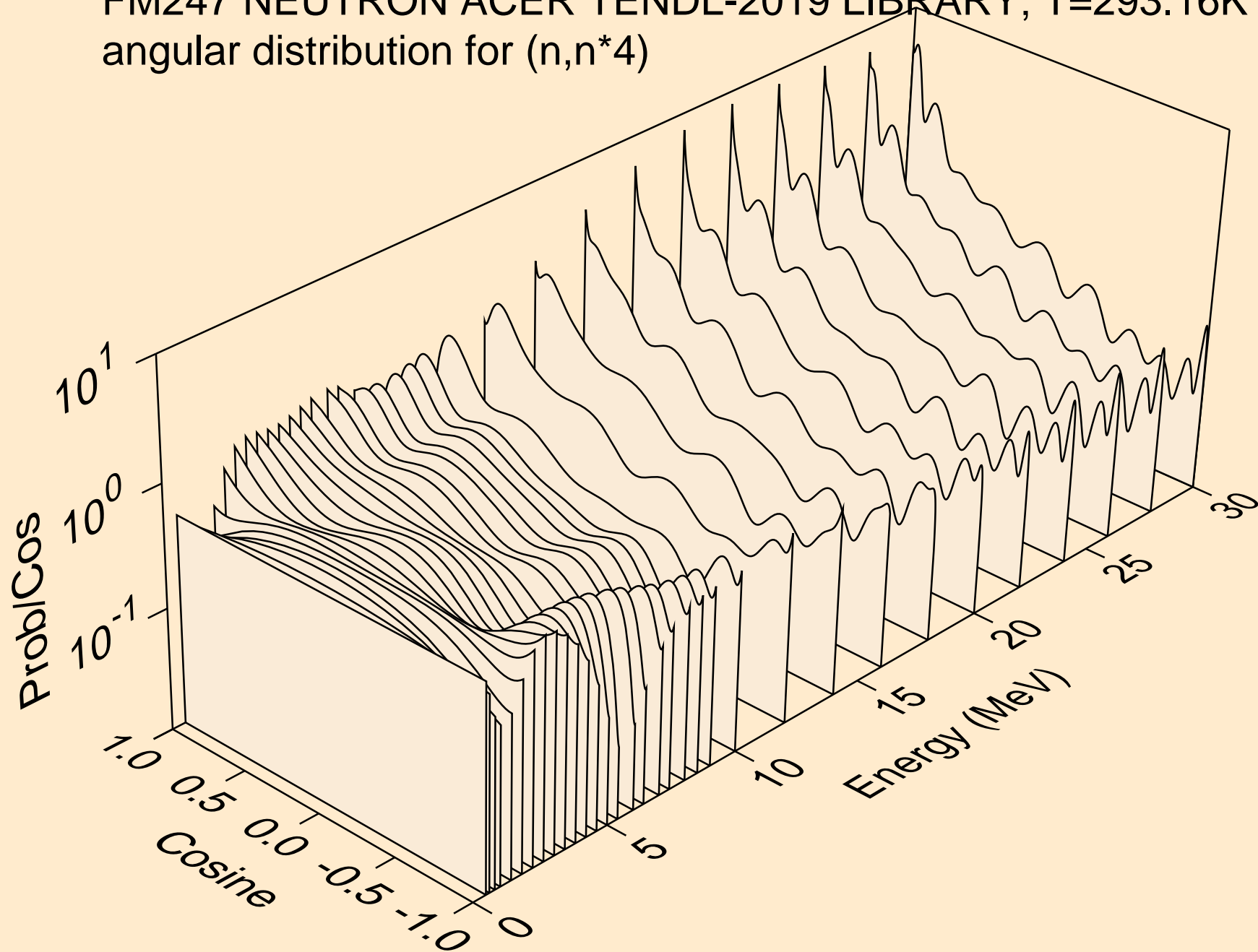
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



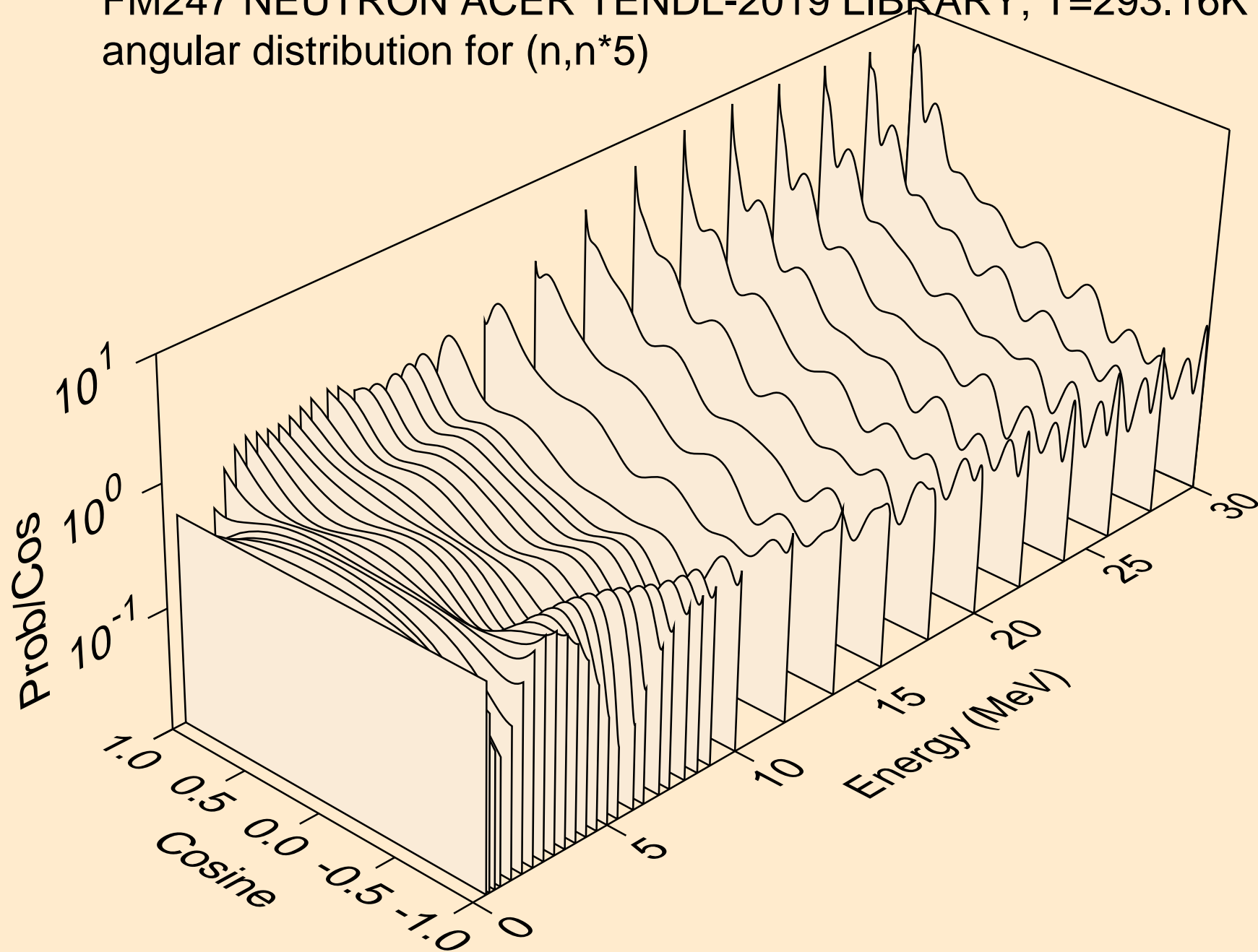
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



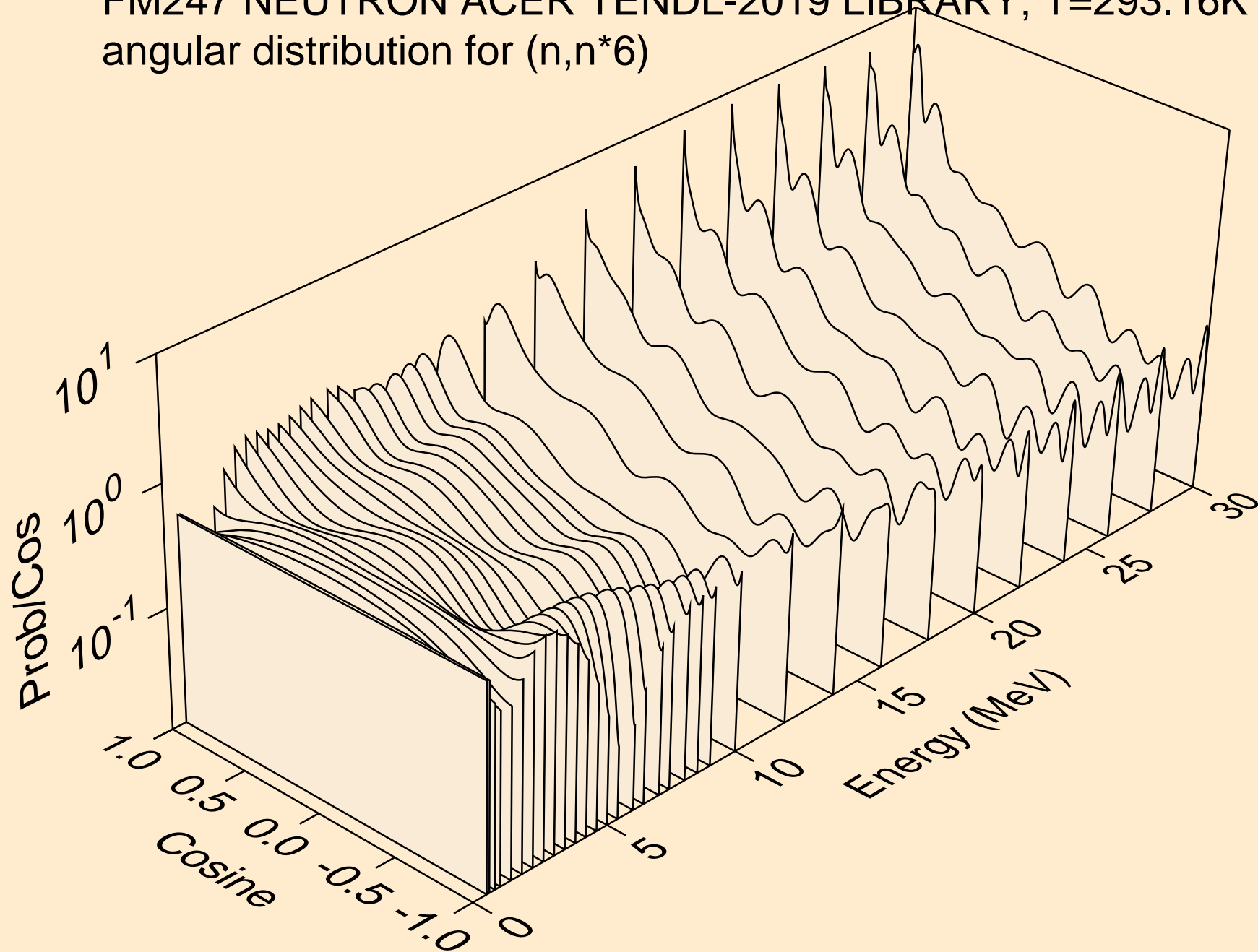
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



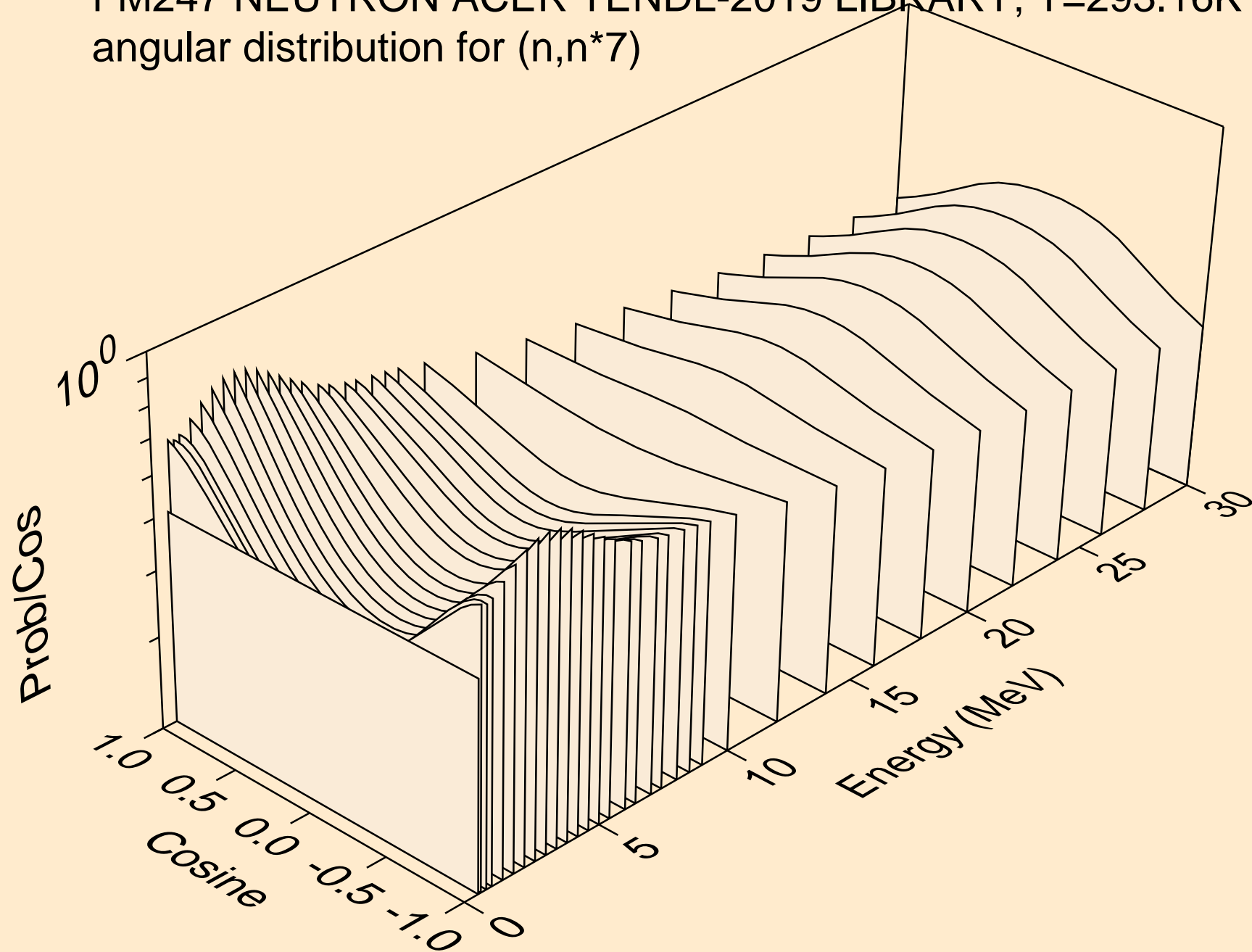
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



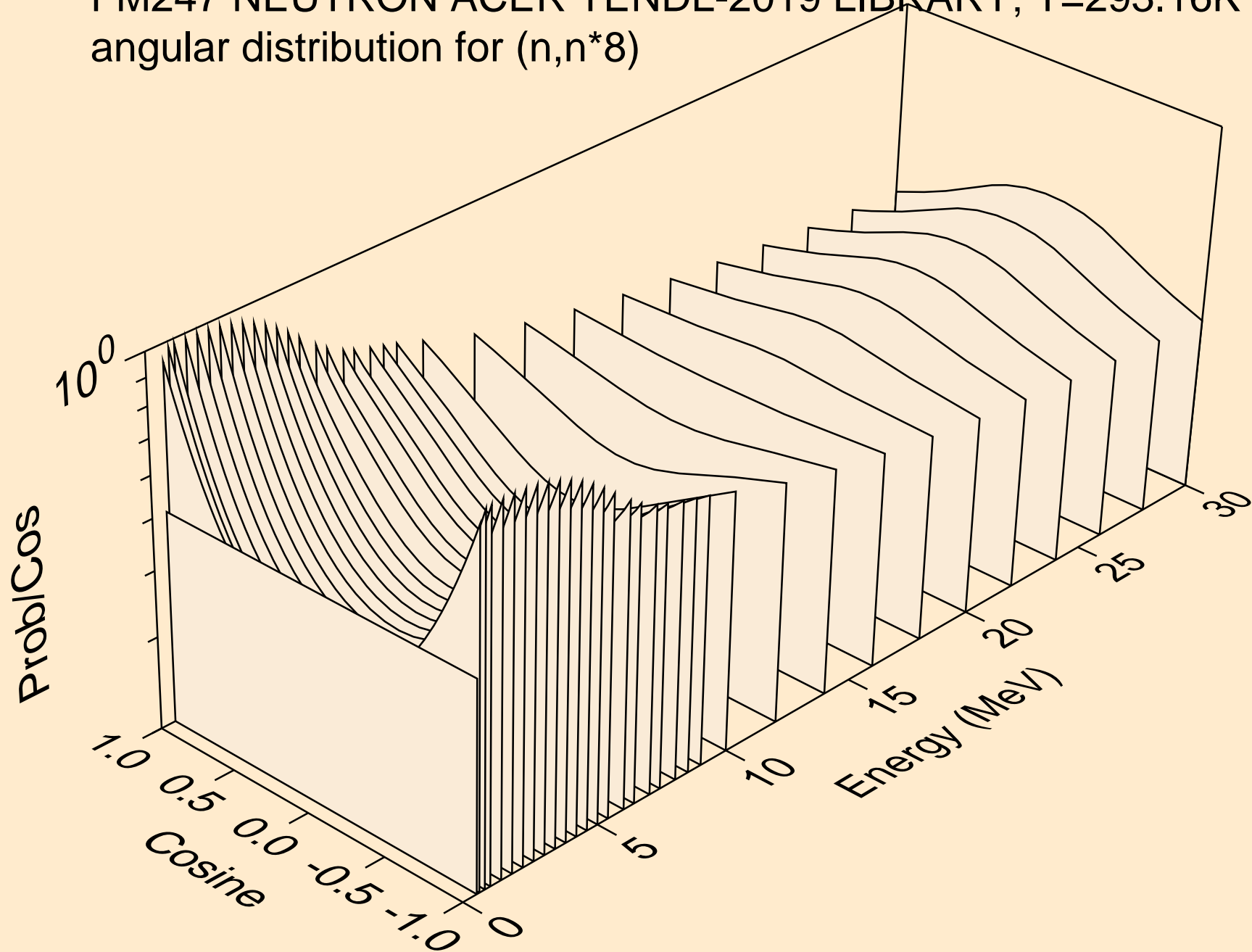
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



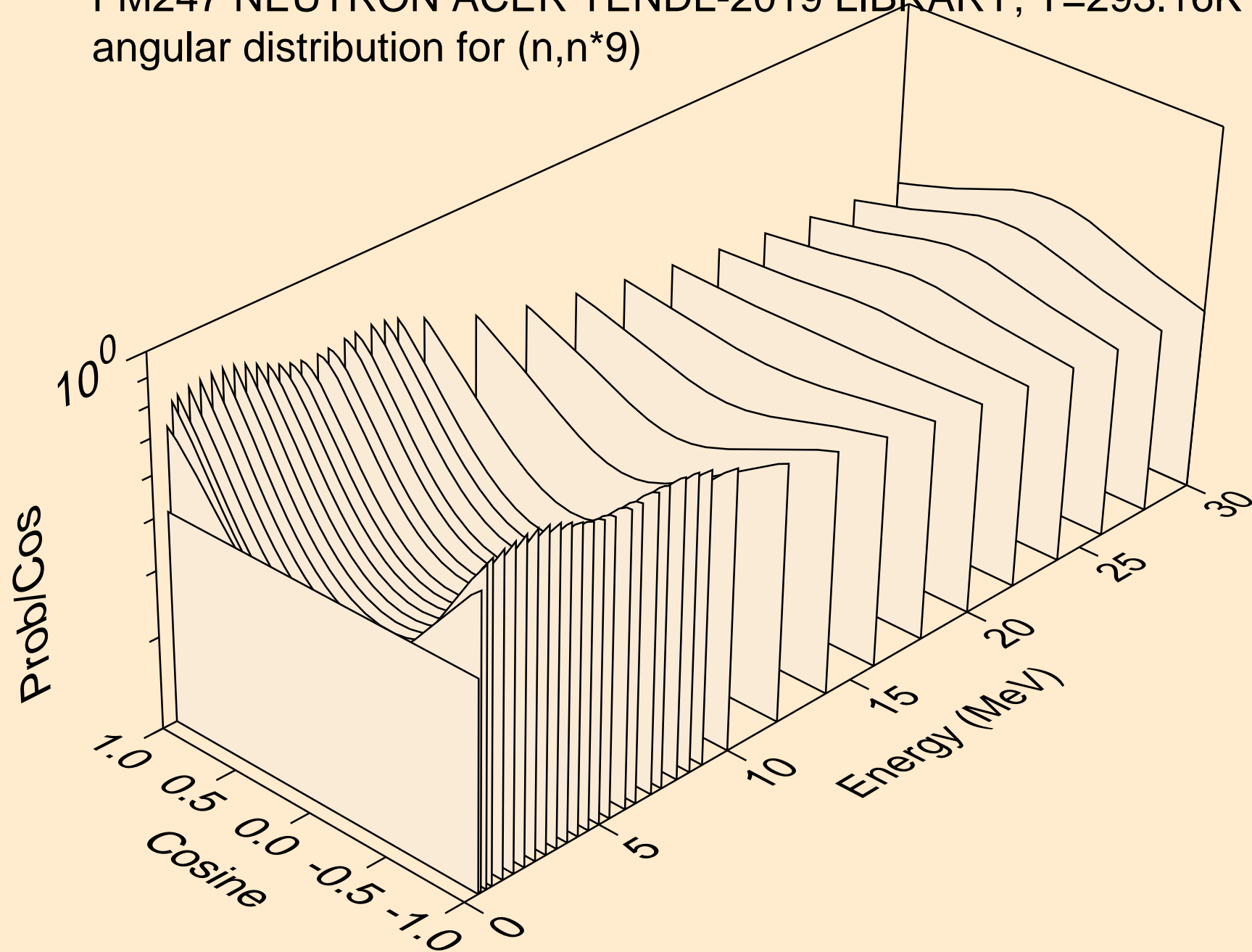
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



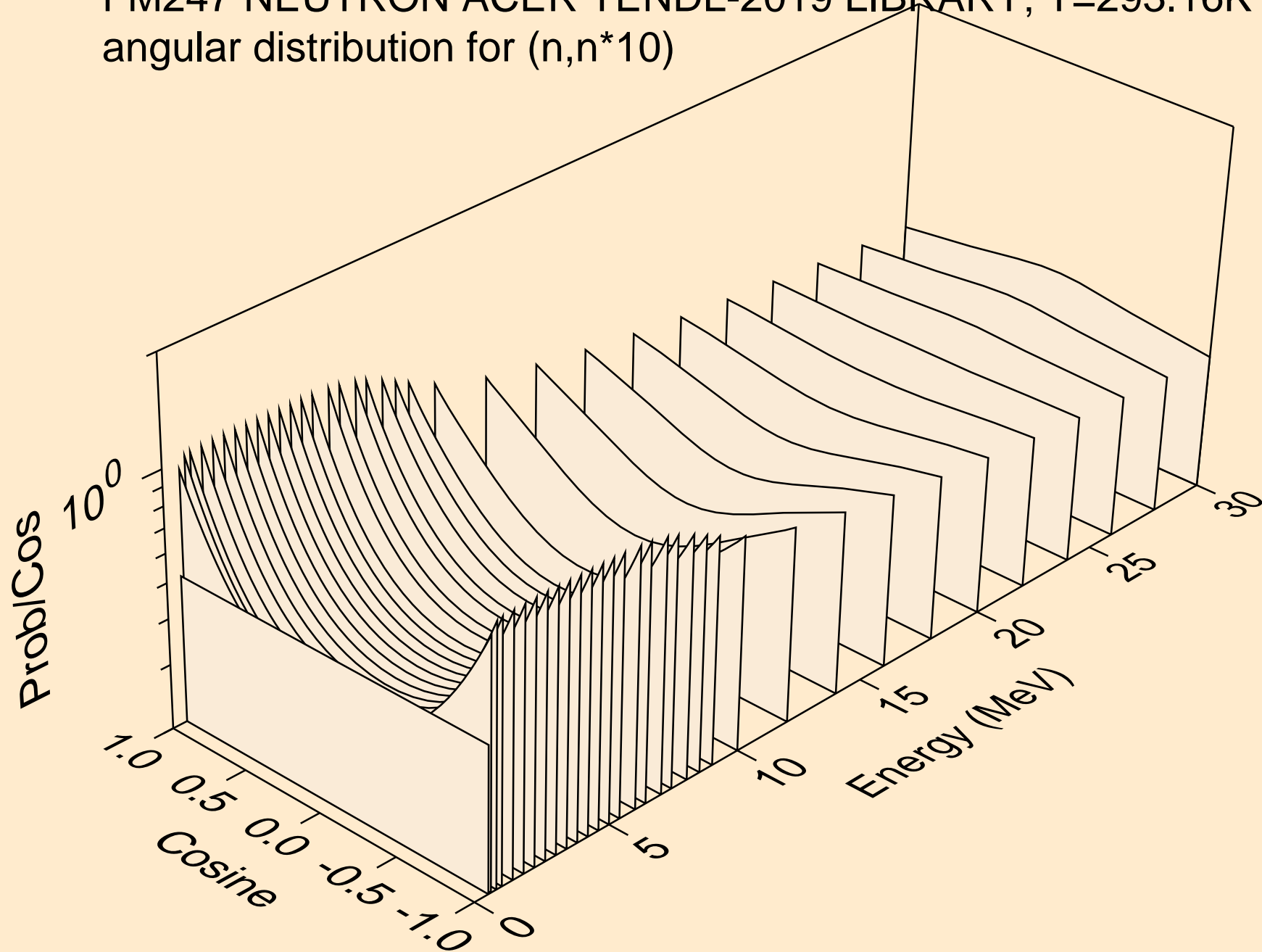
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



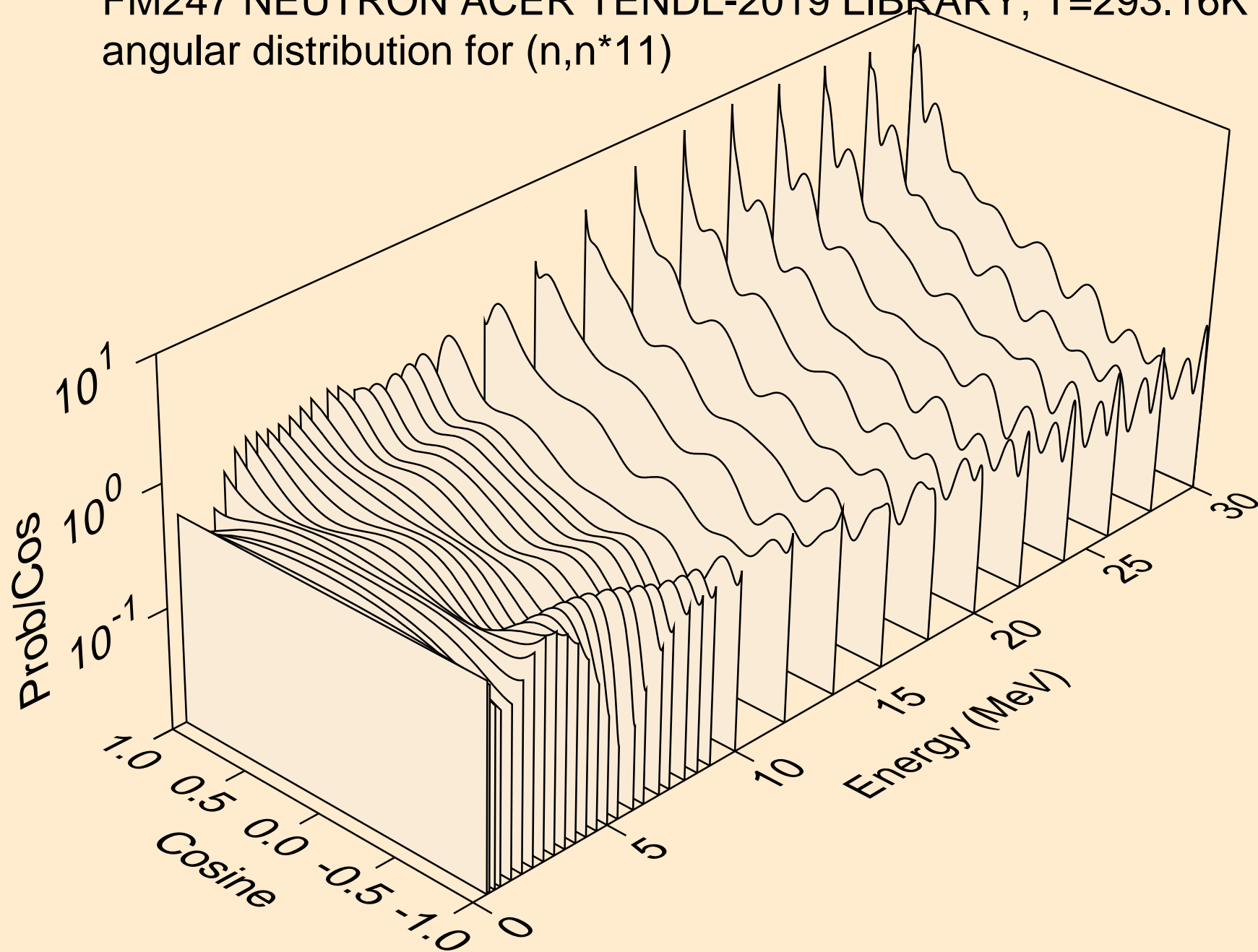
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



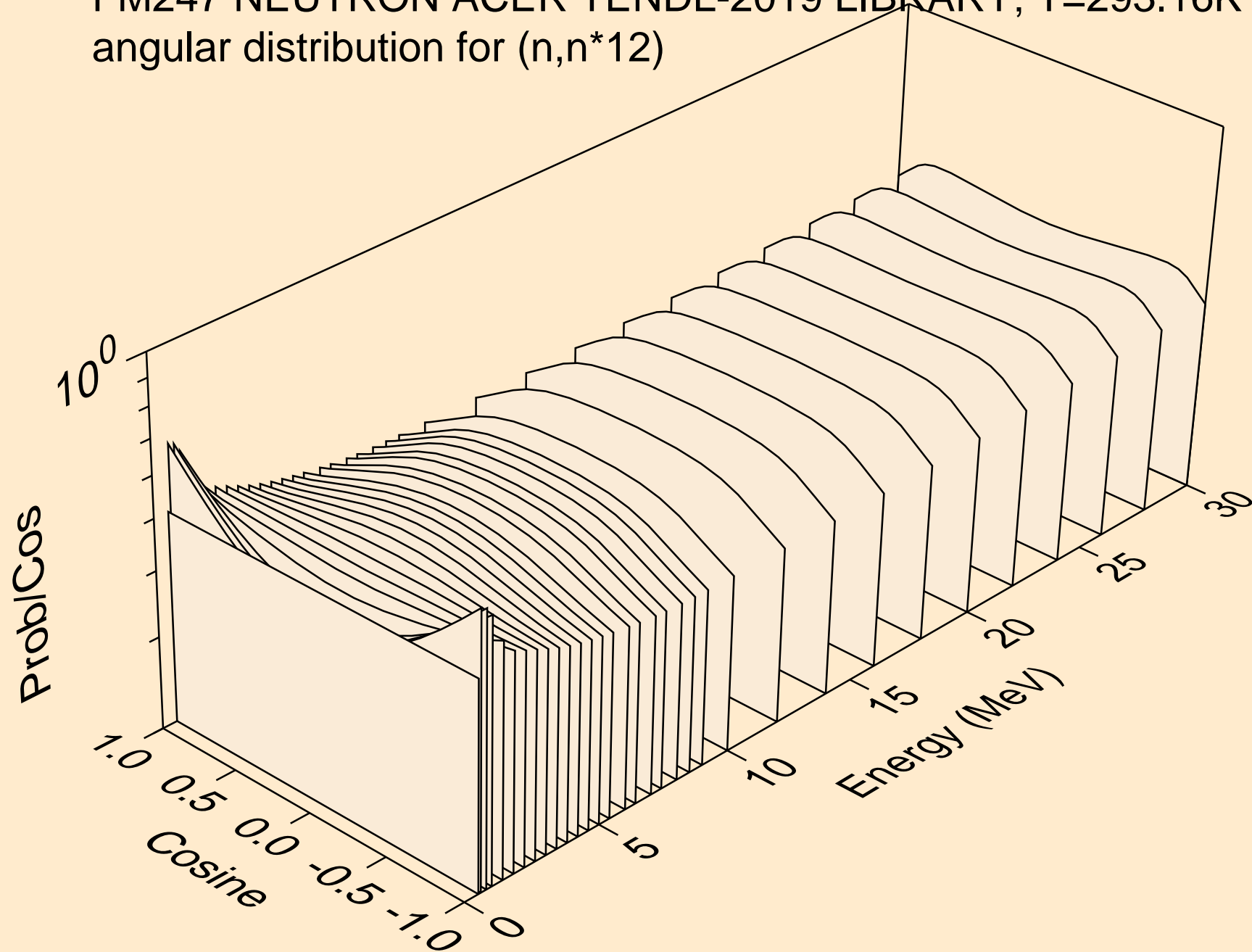
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



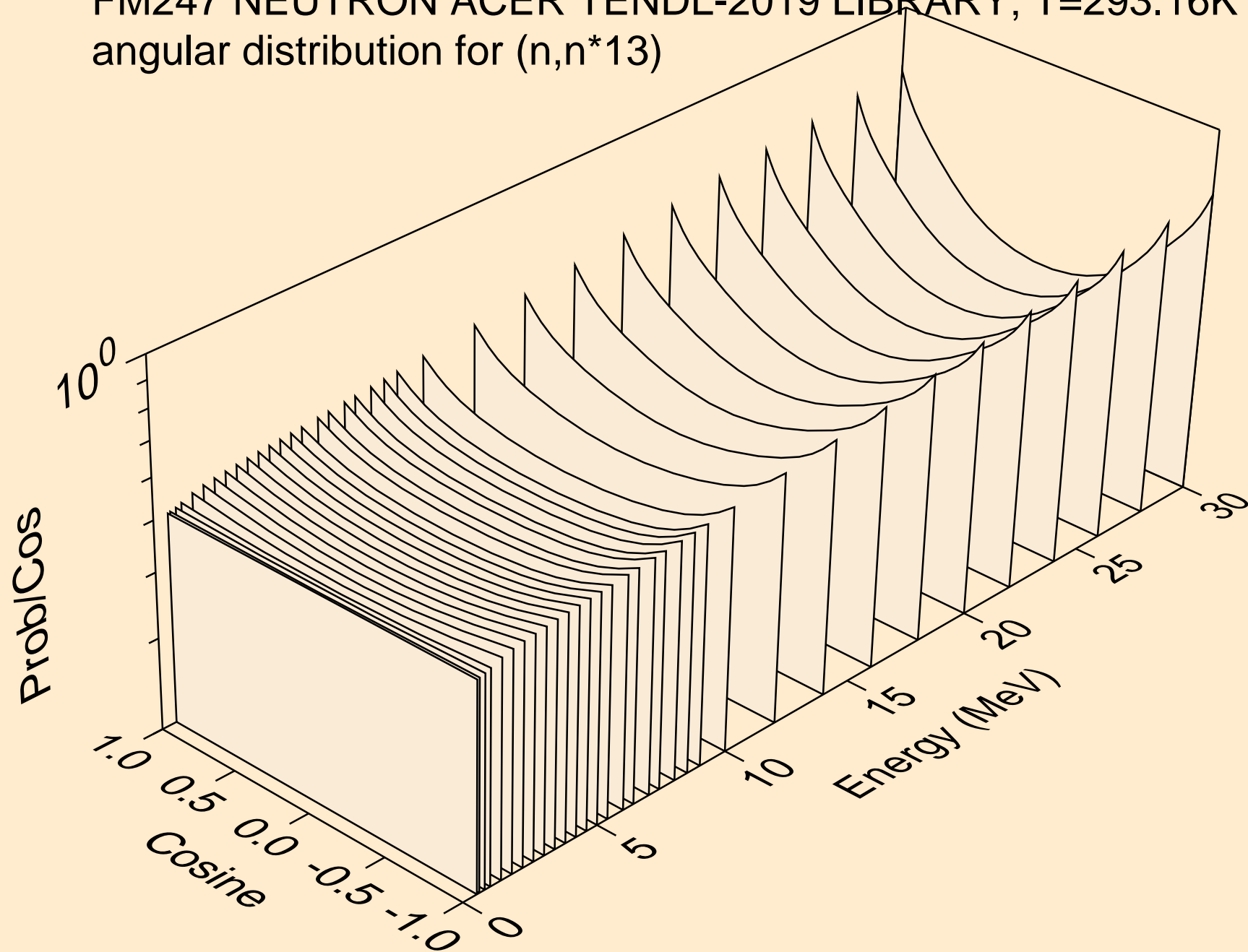
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



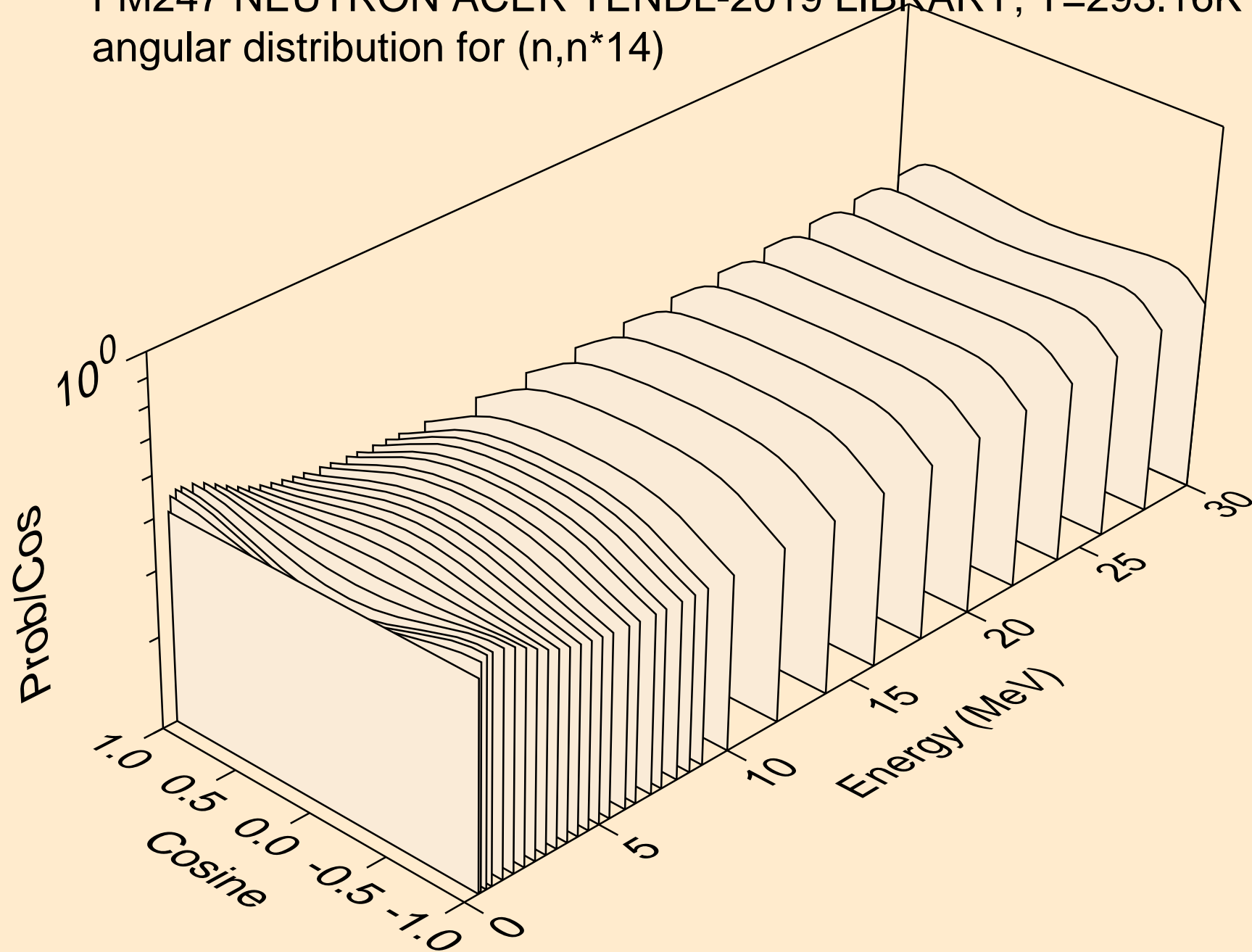
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



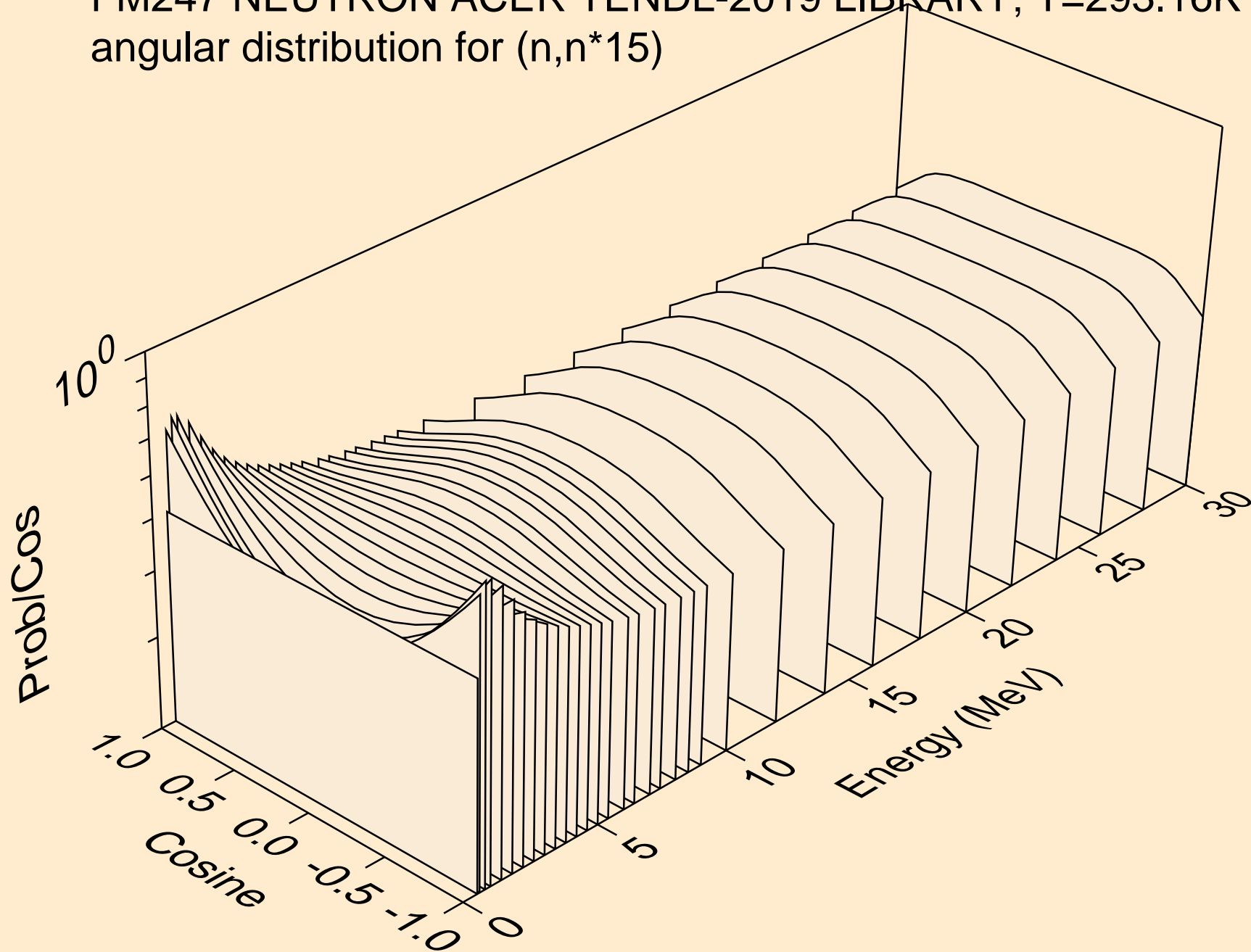
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



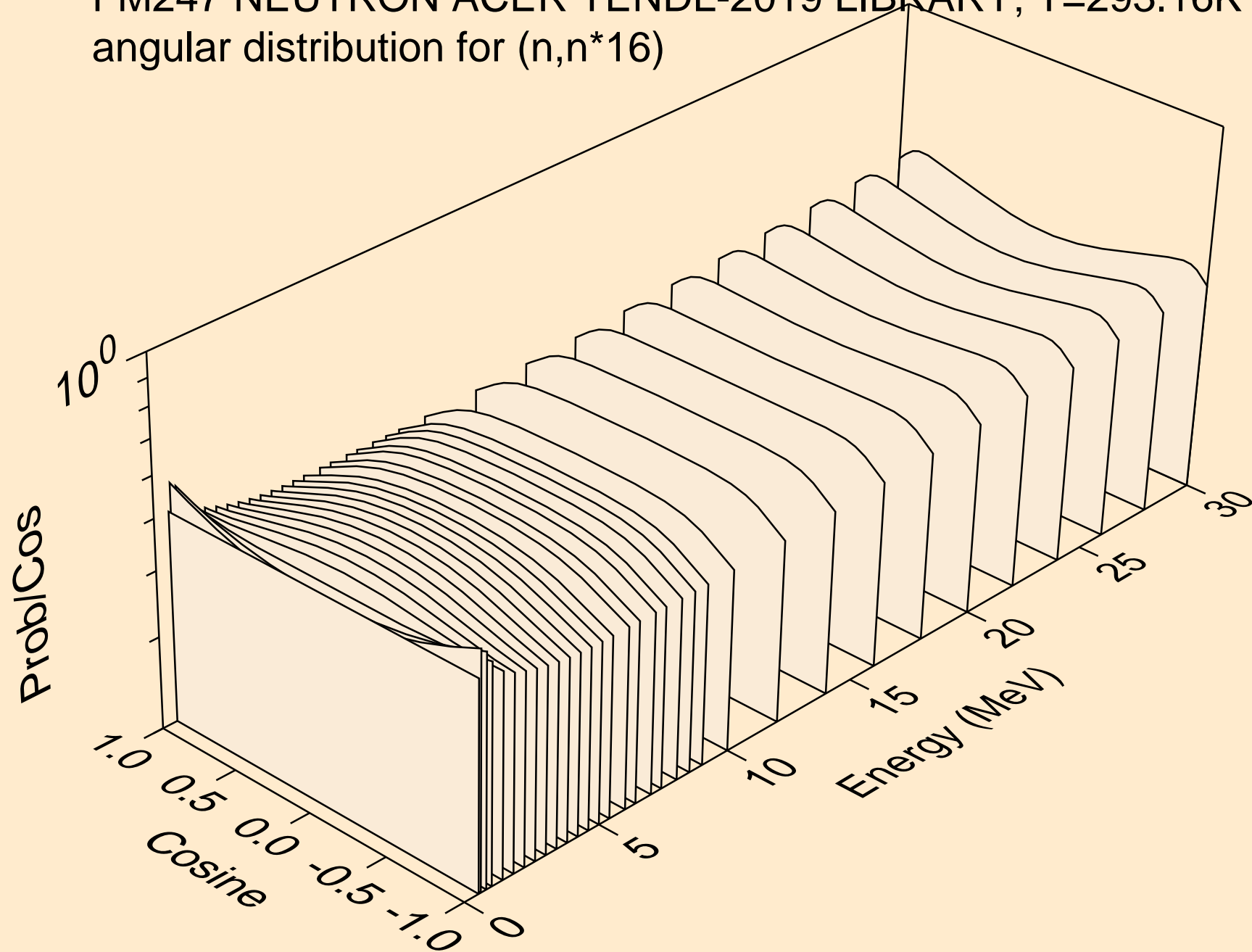
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



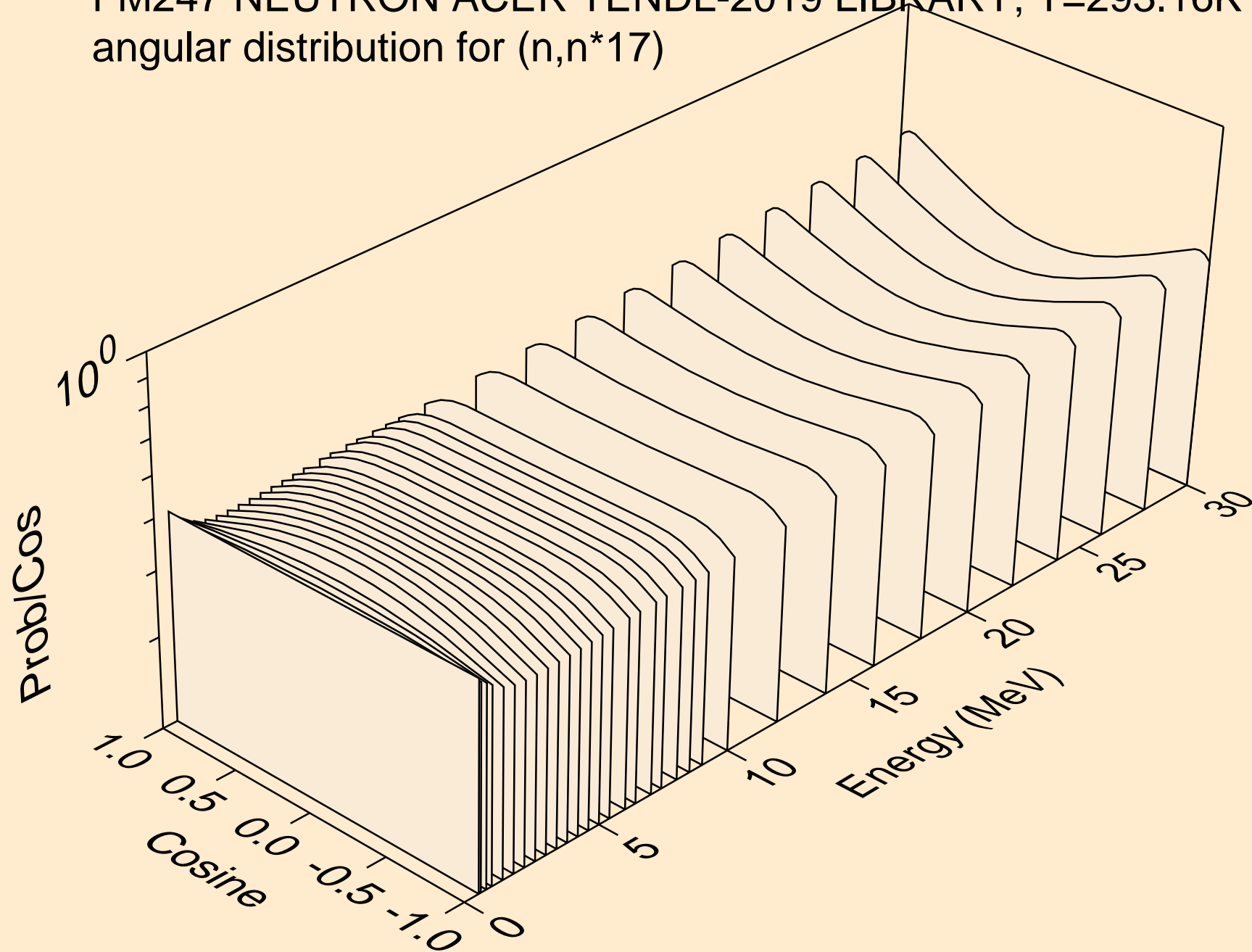
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



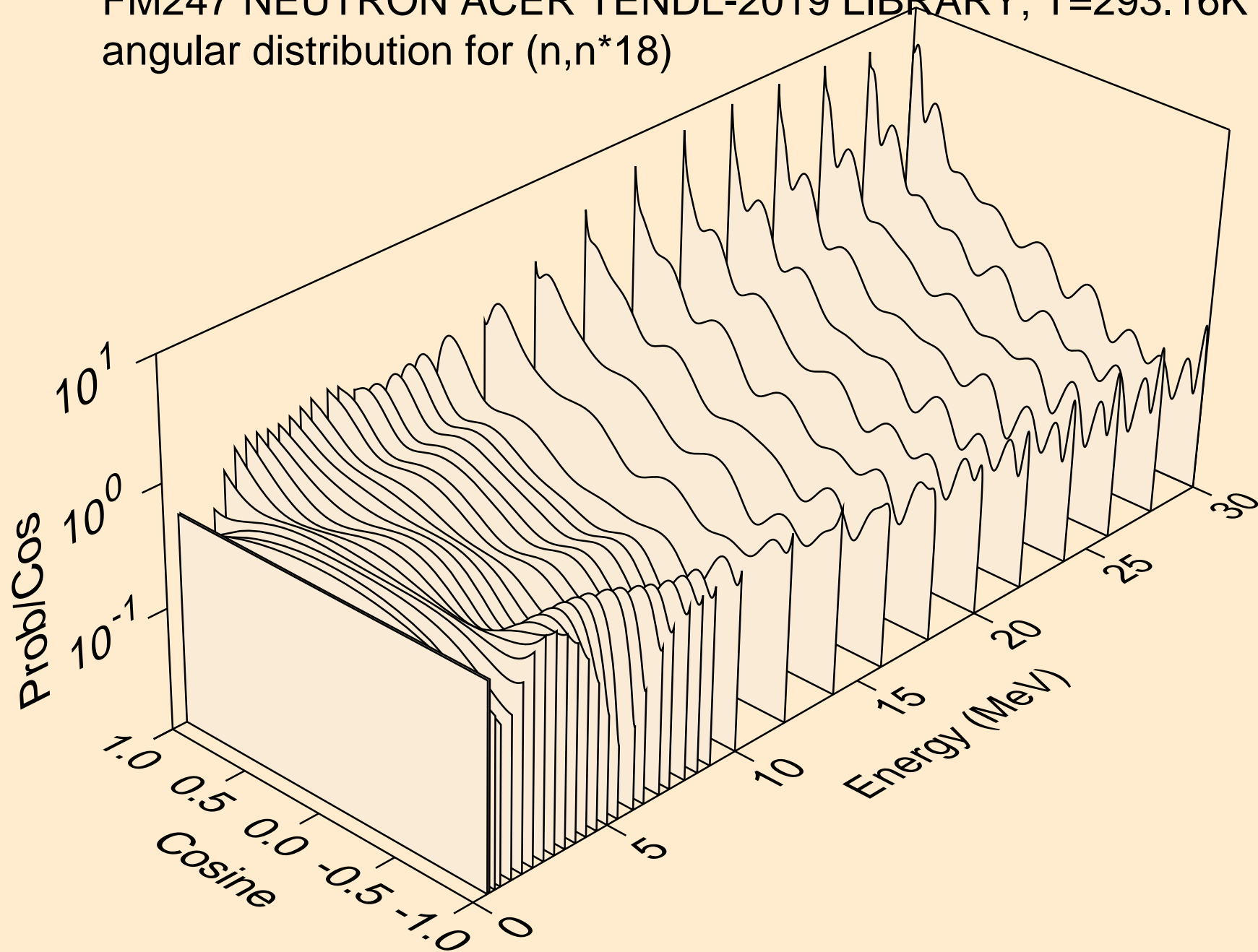
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



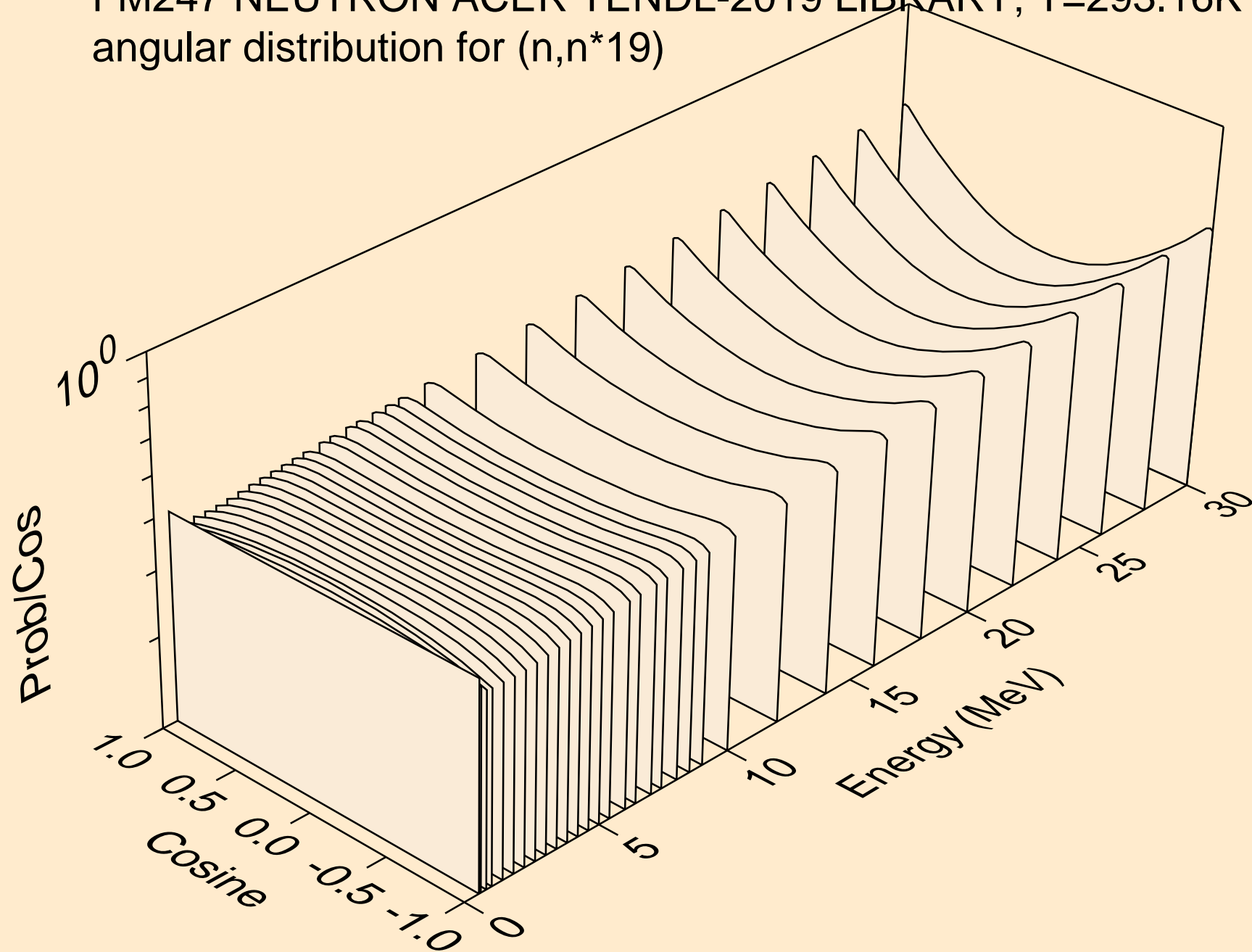
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



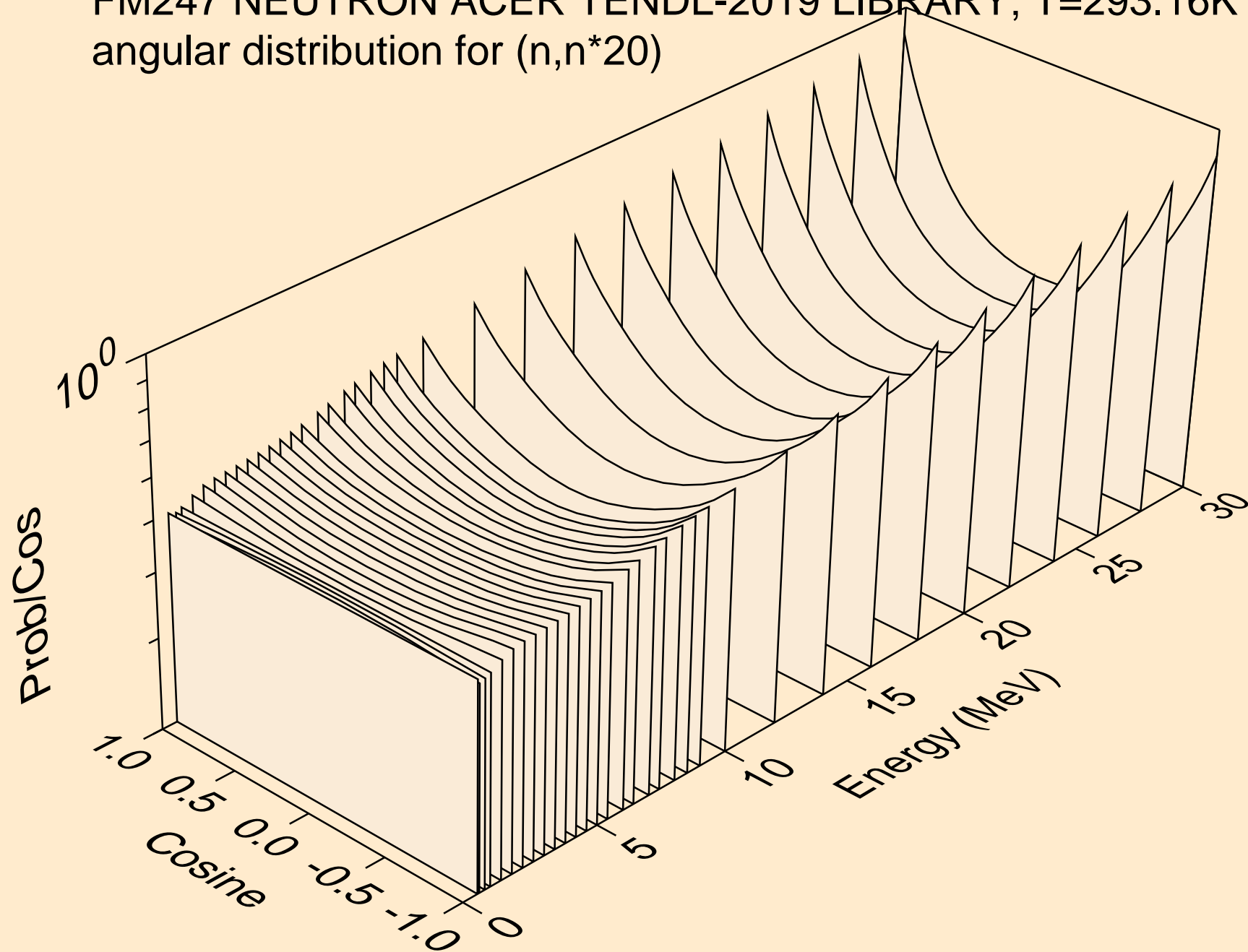
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



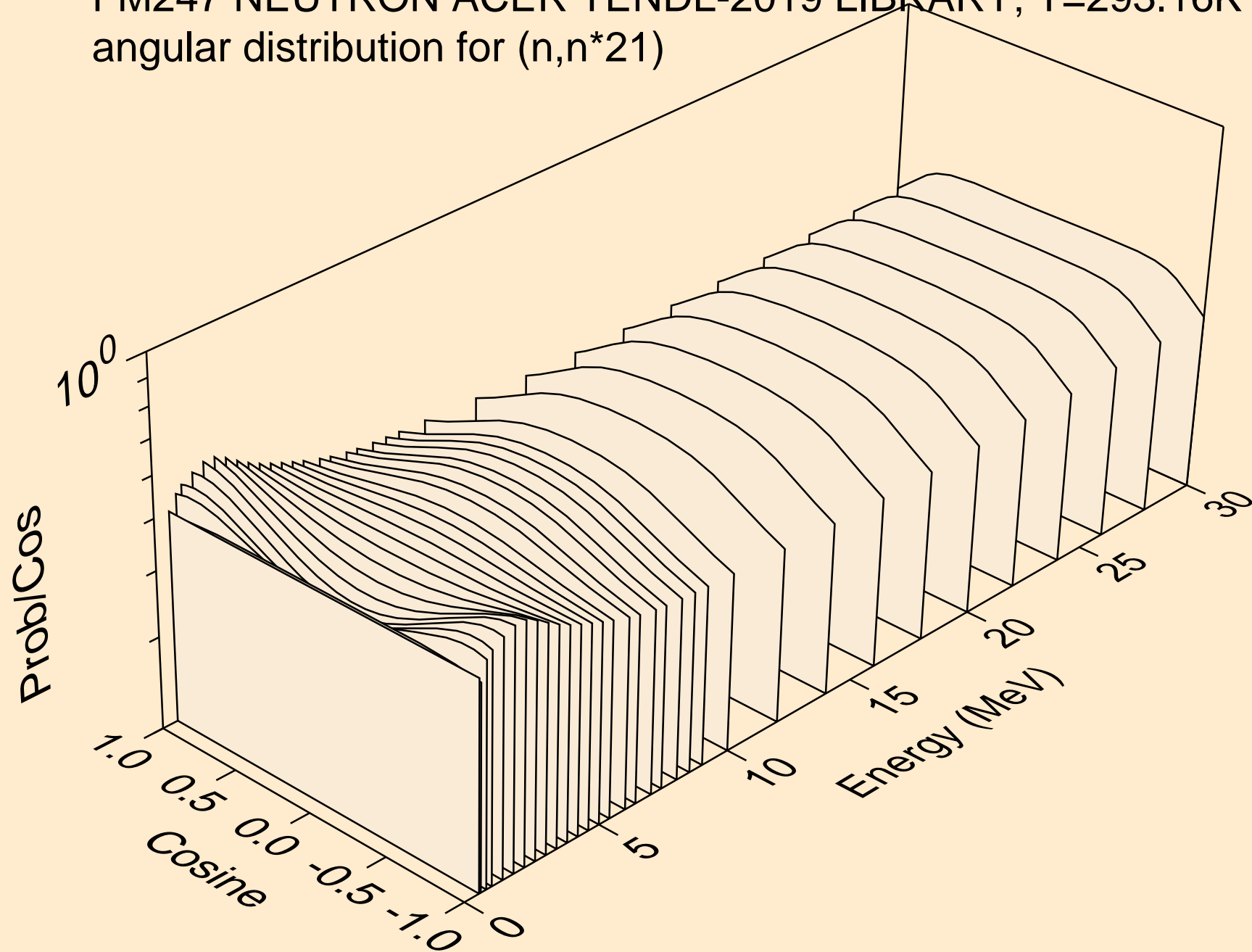
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



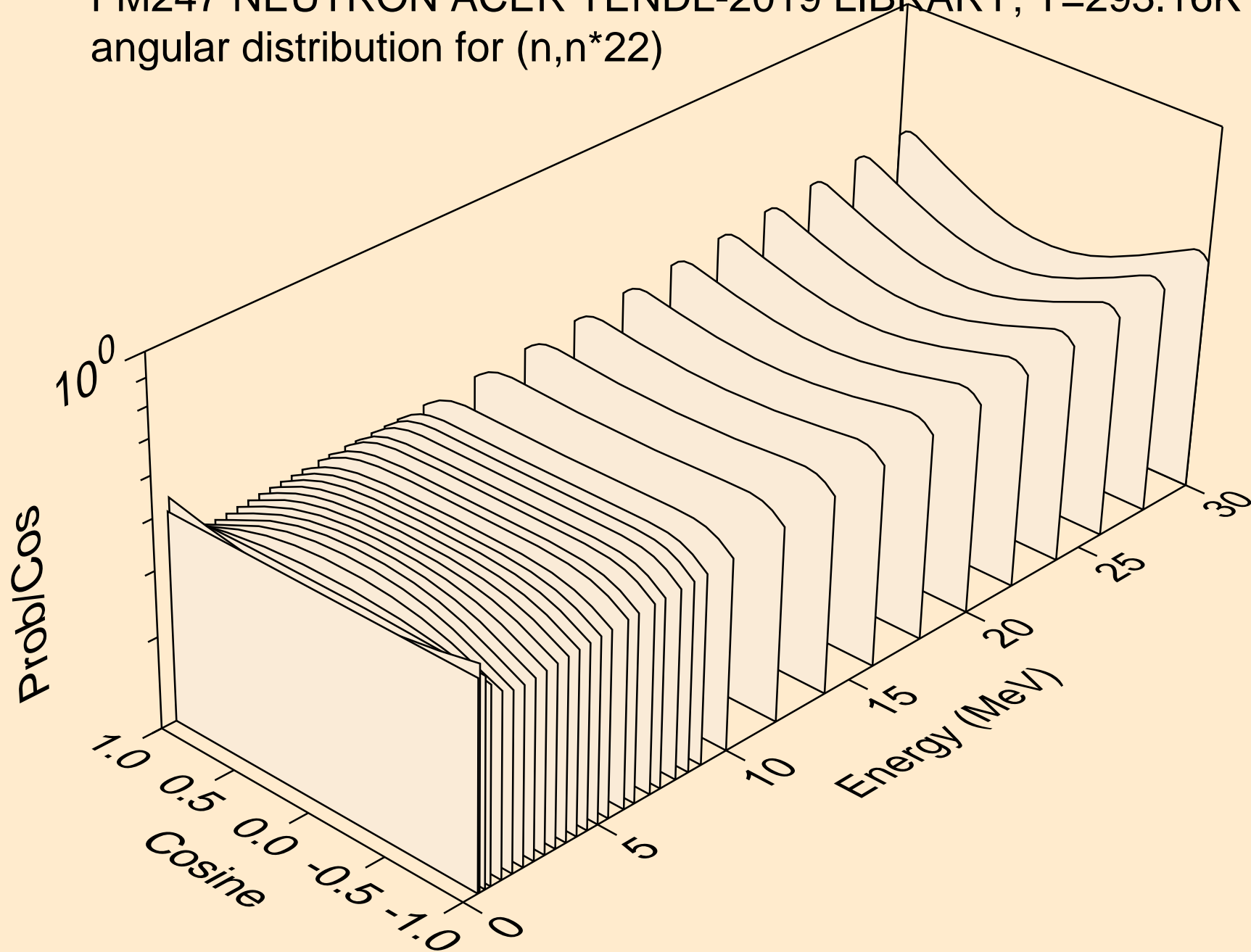
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



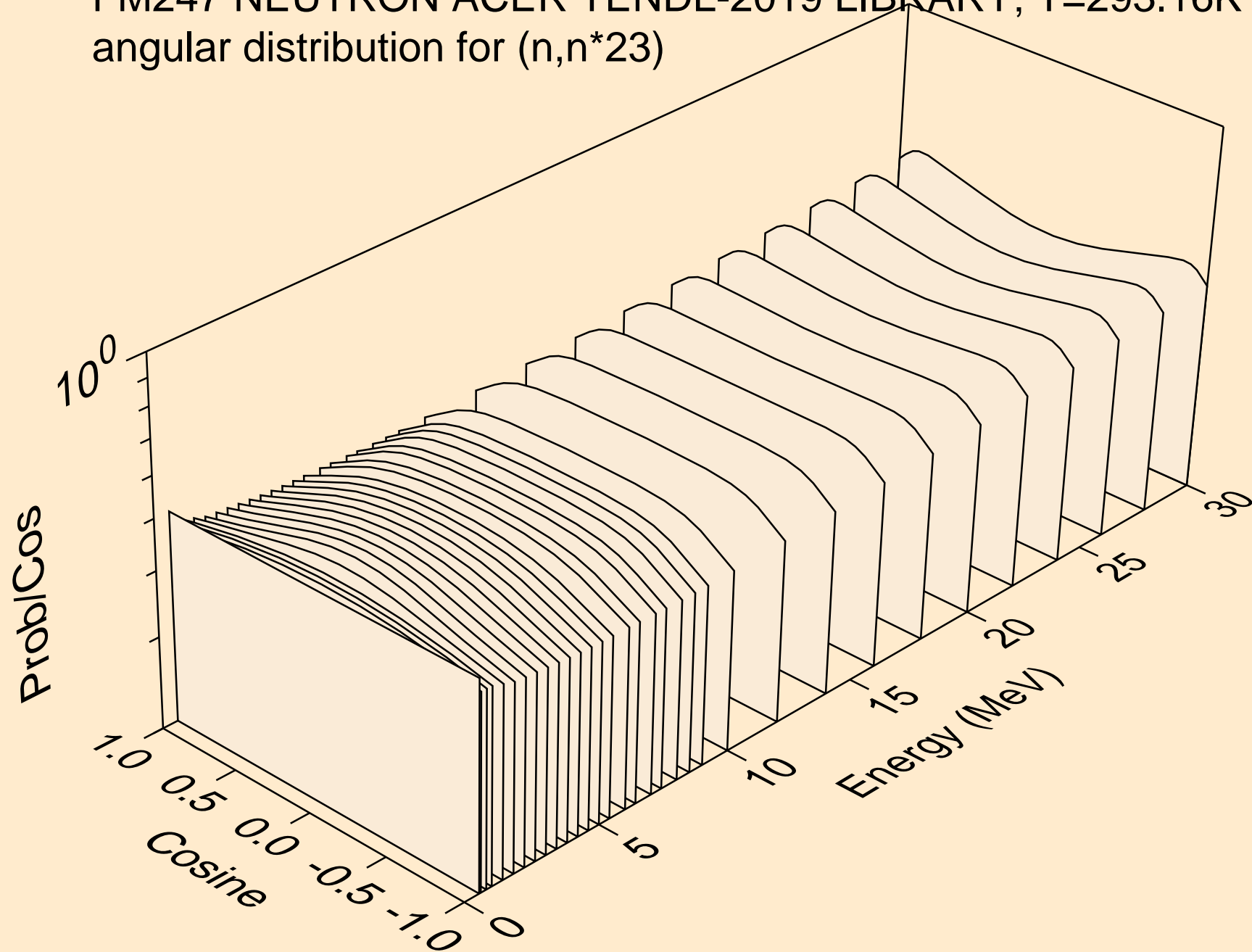
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



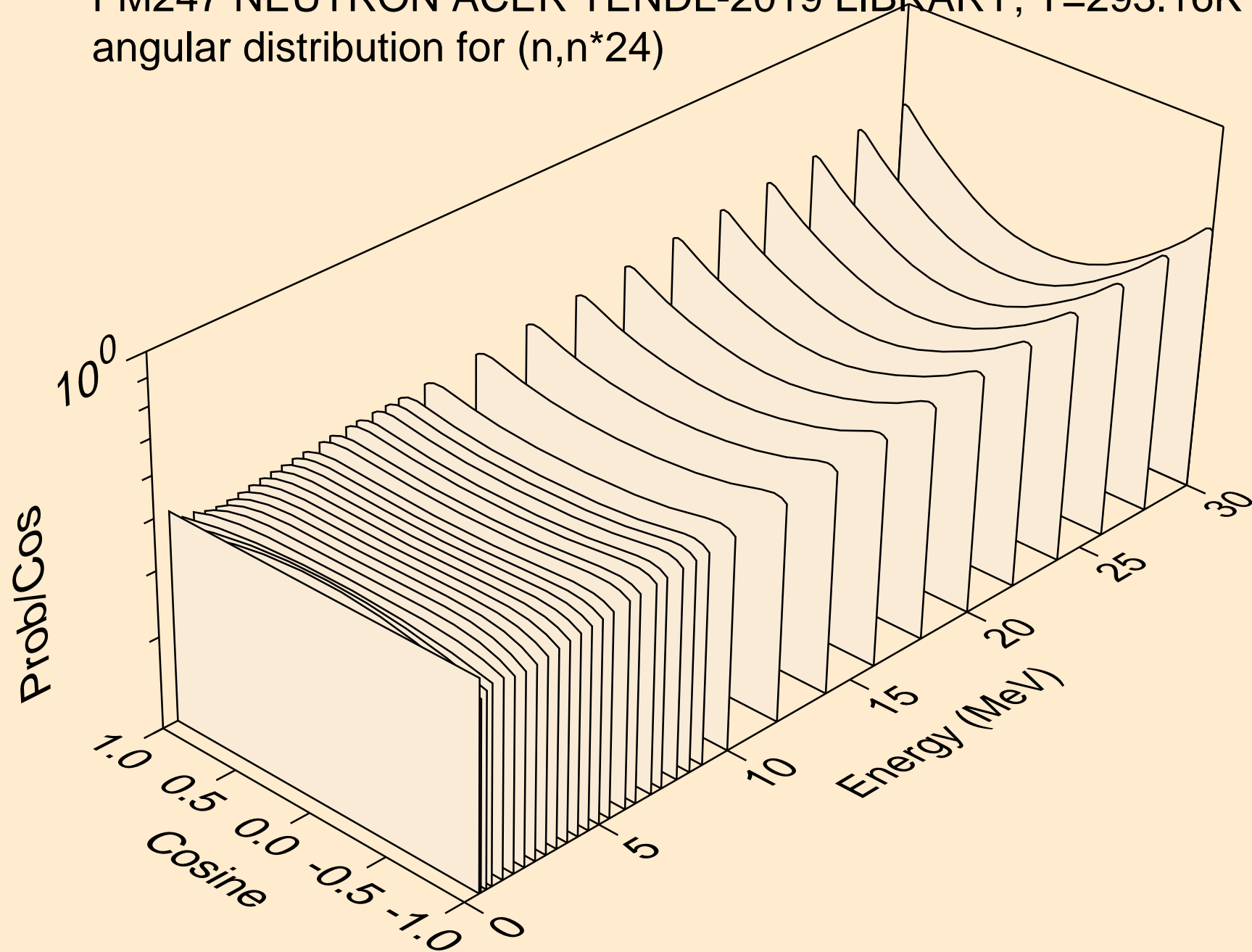
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



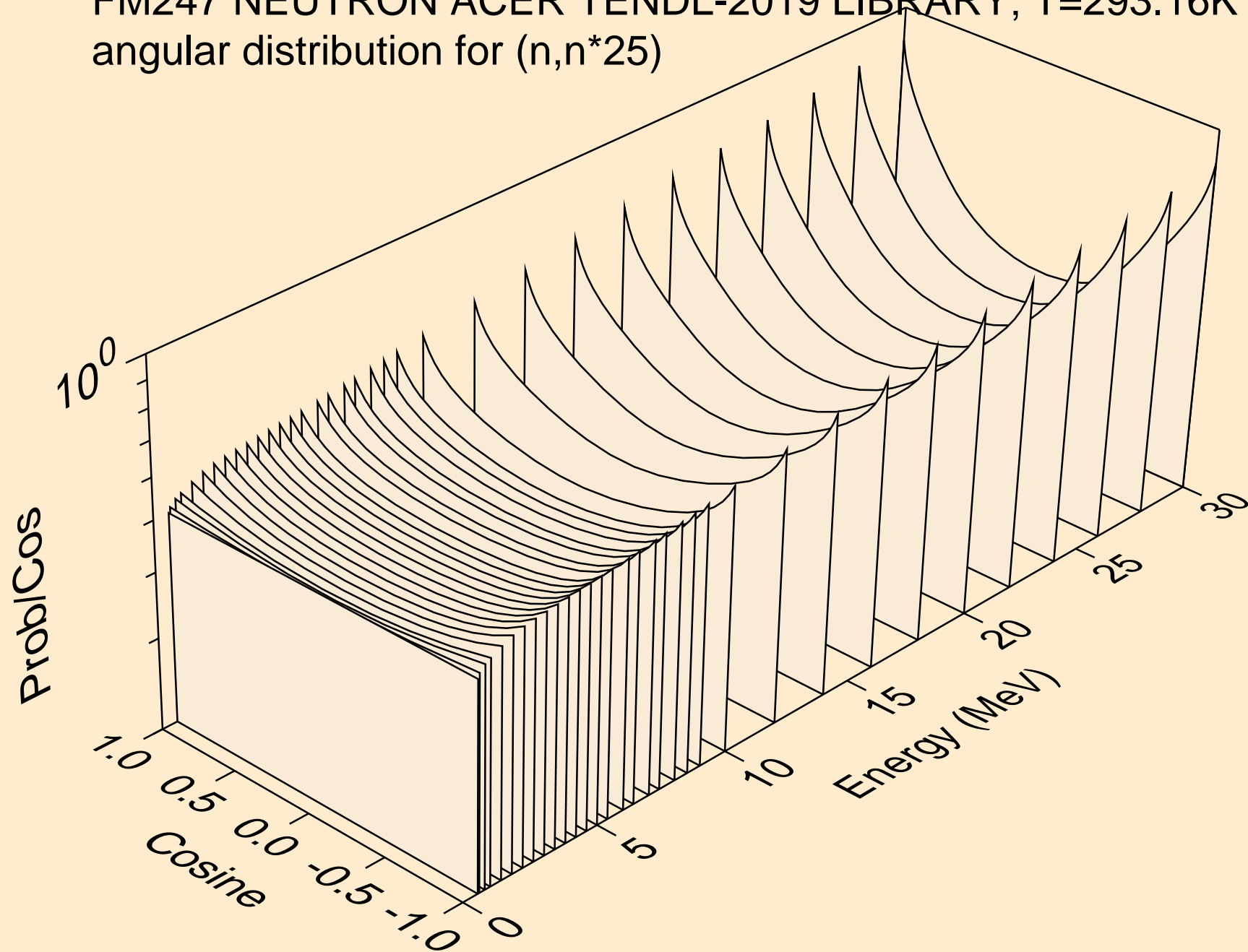
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



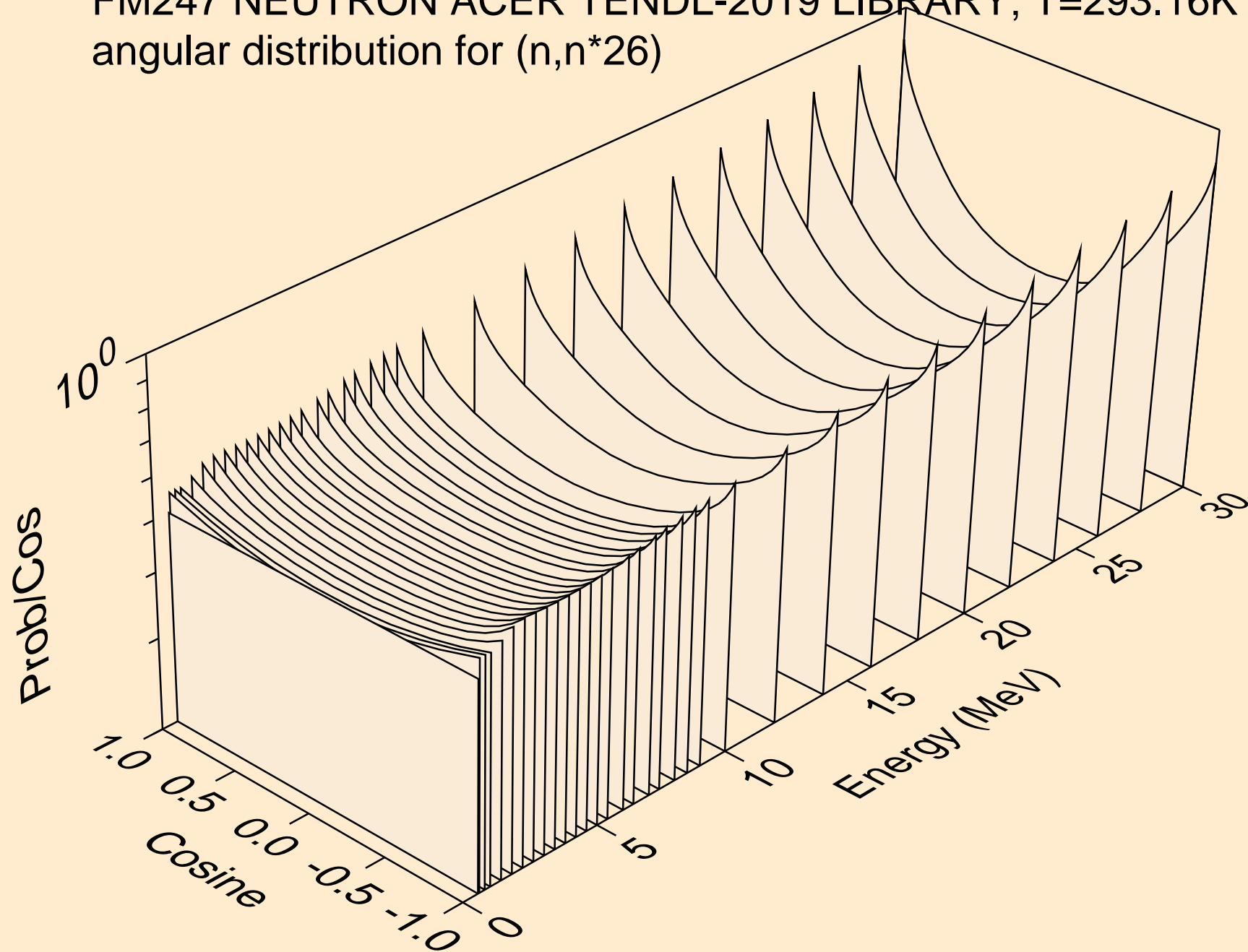
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



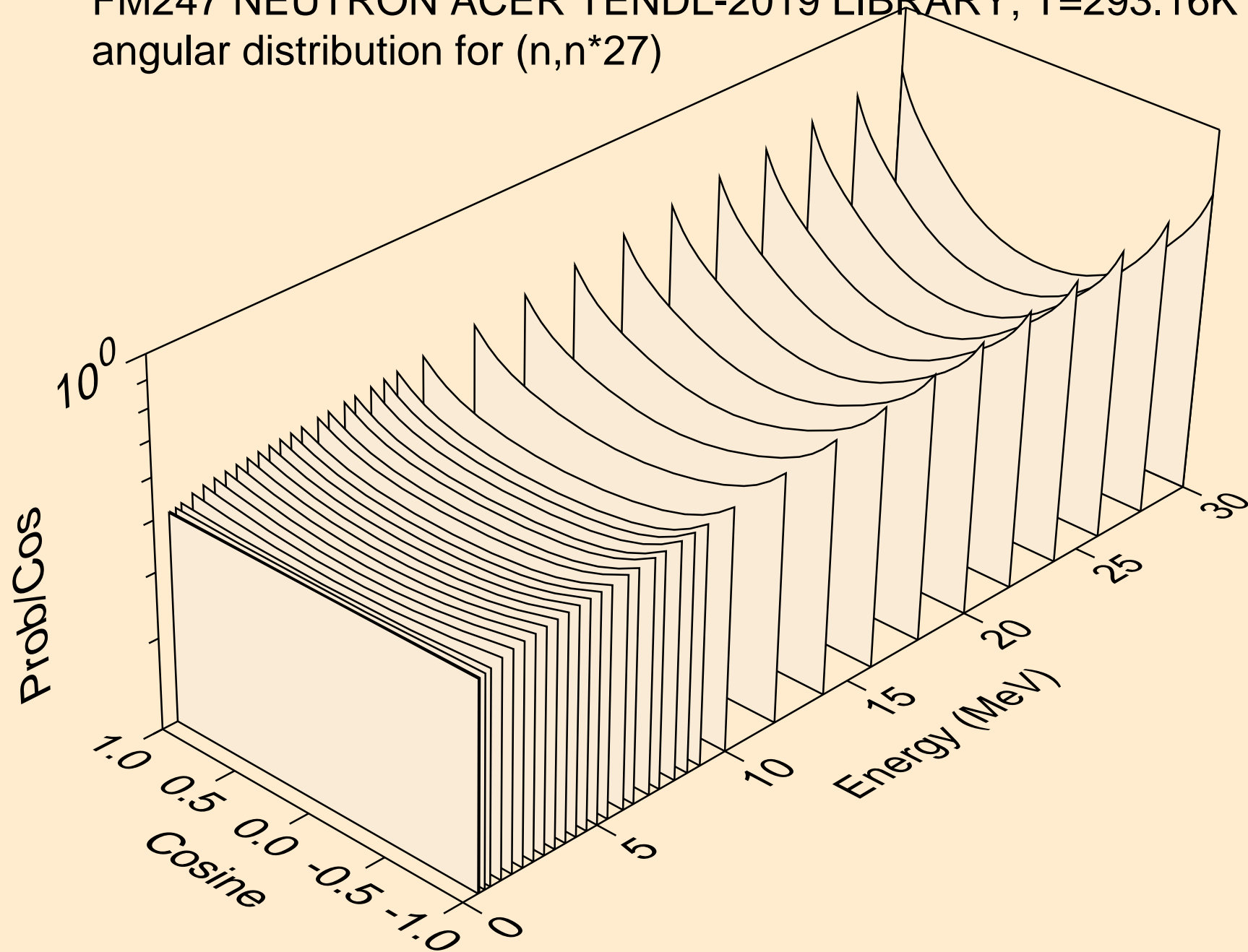
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



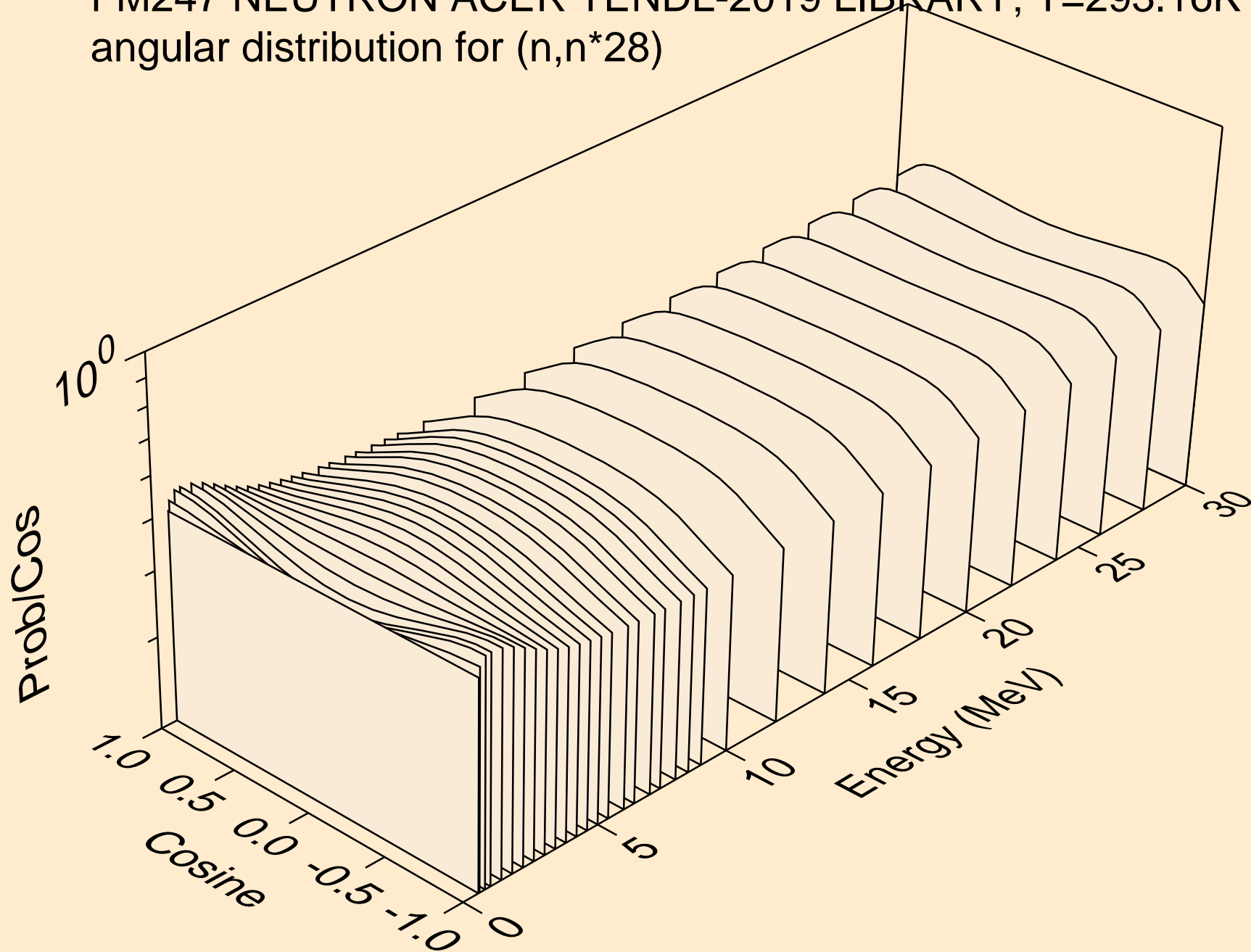
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



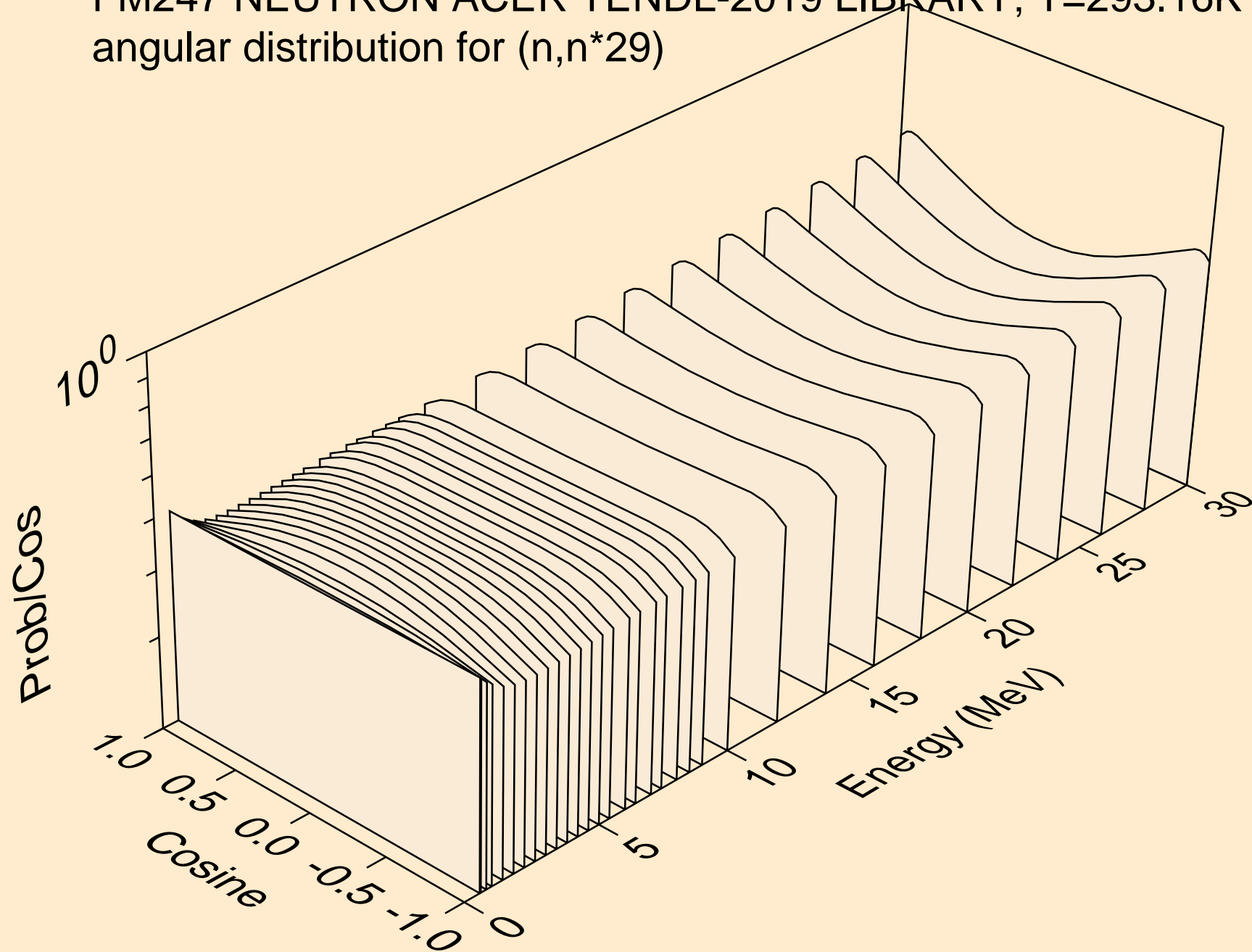
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



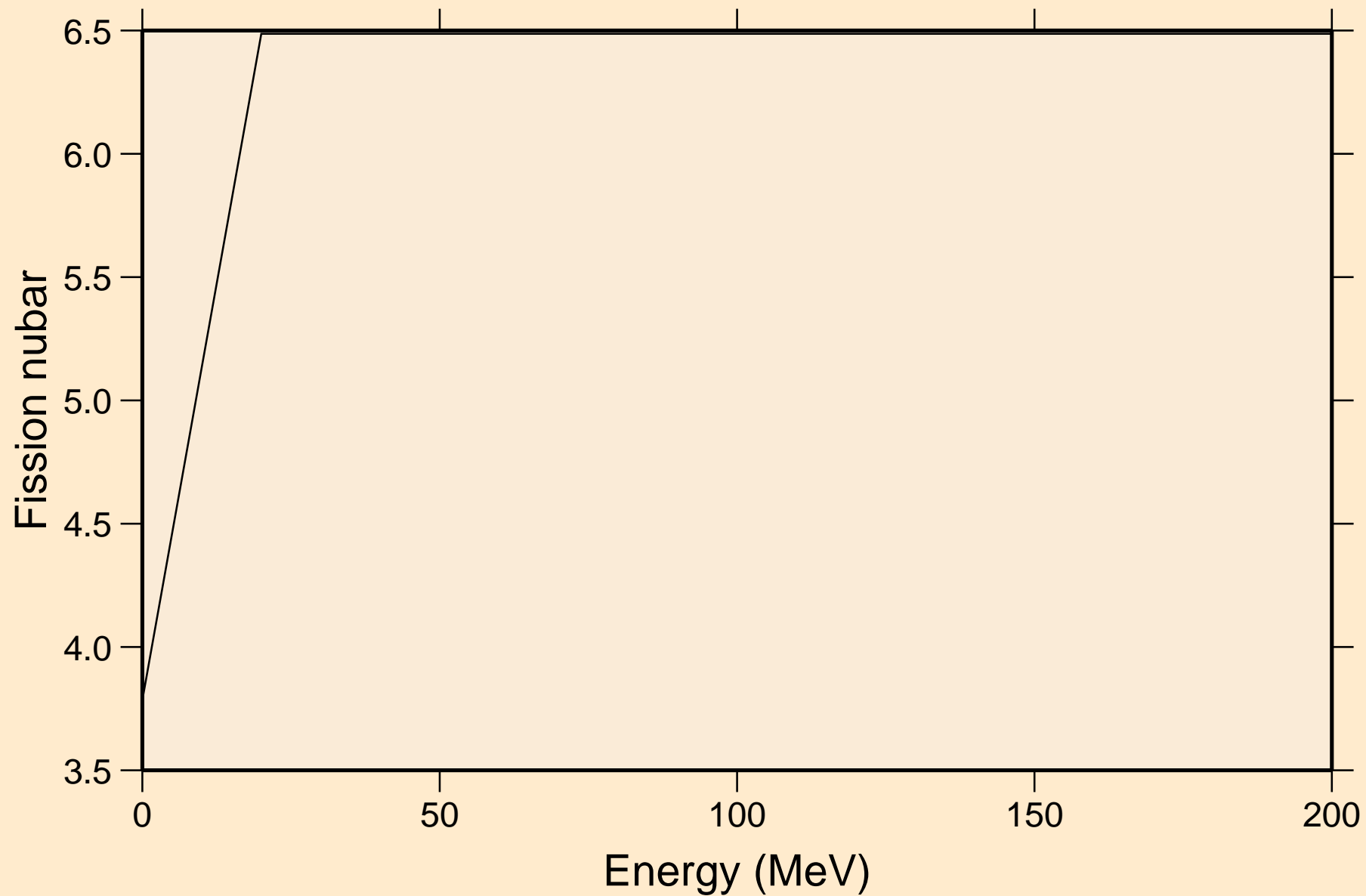
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



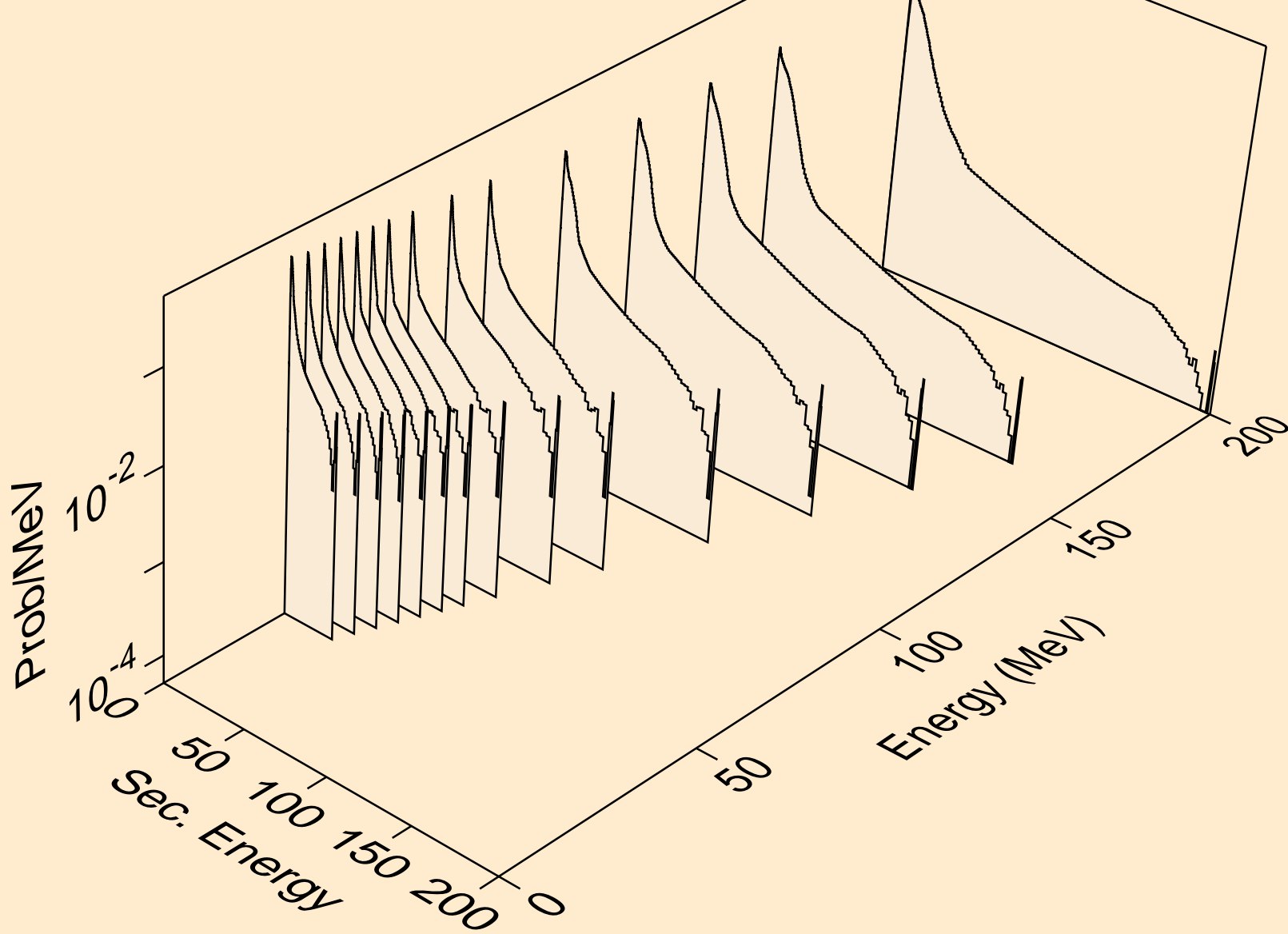
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



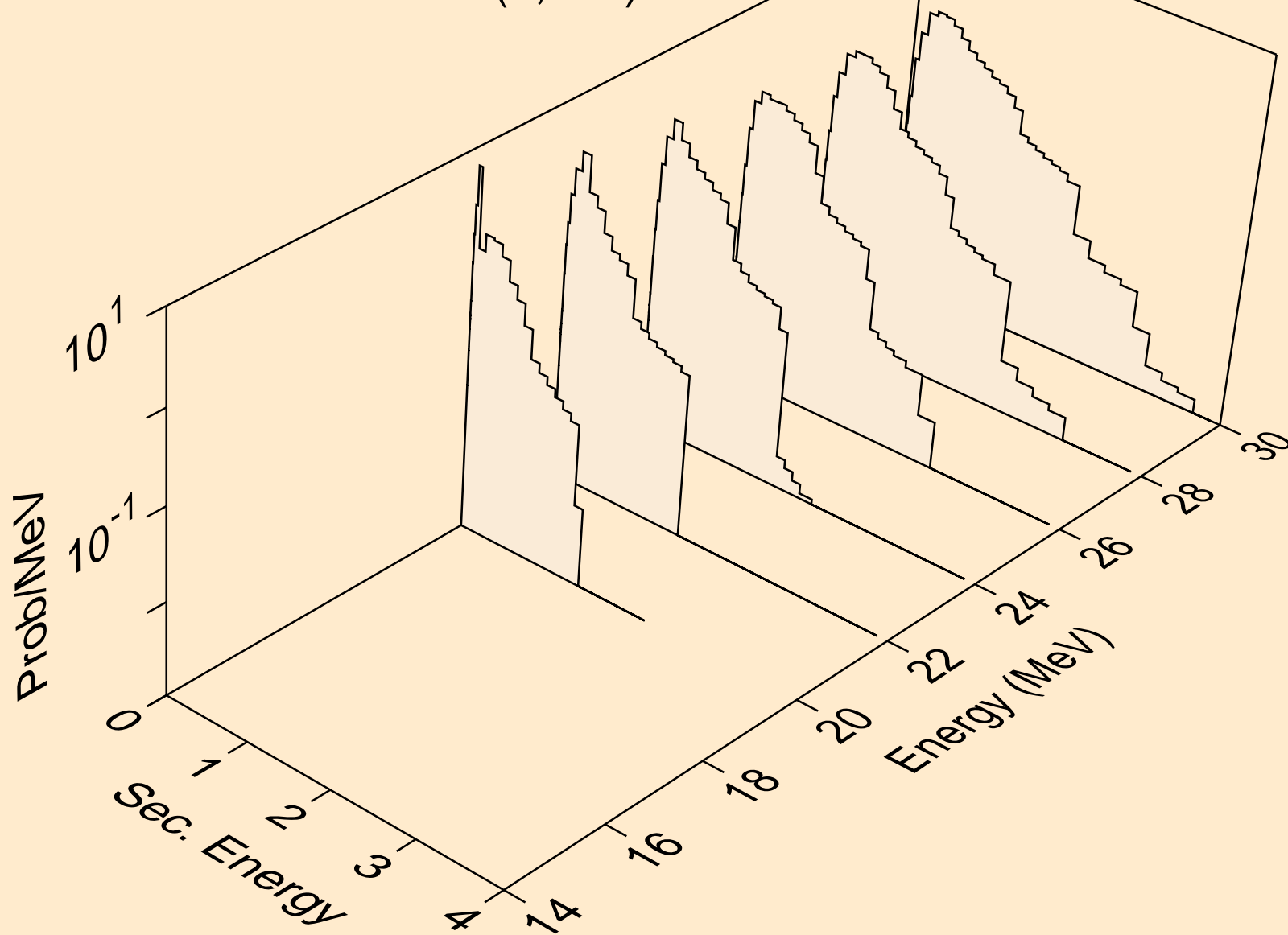
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Total fission nubar



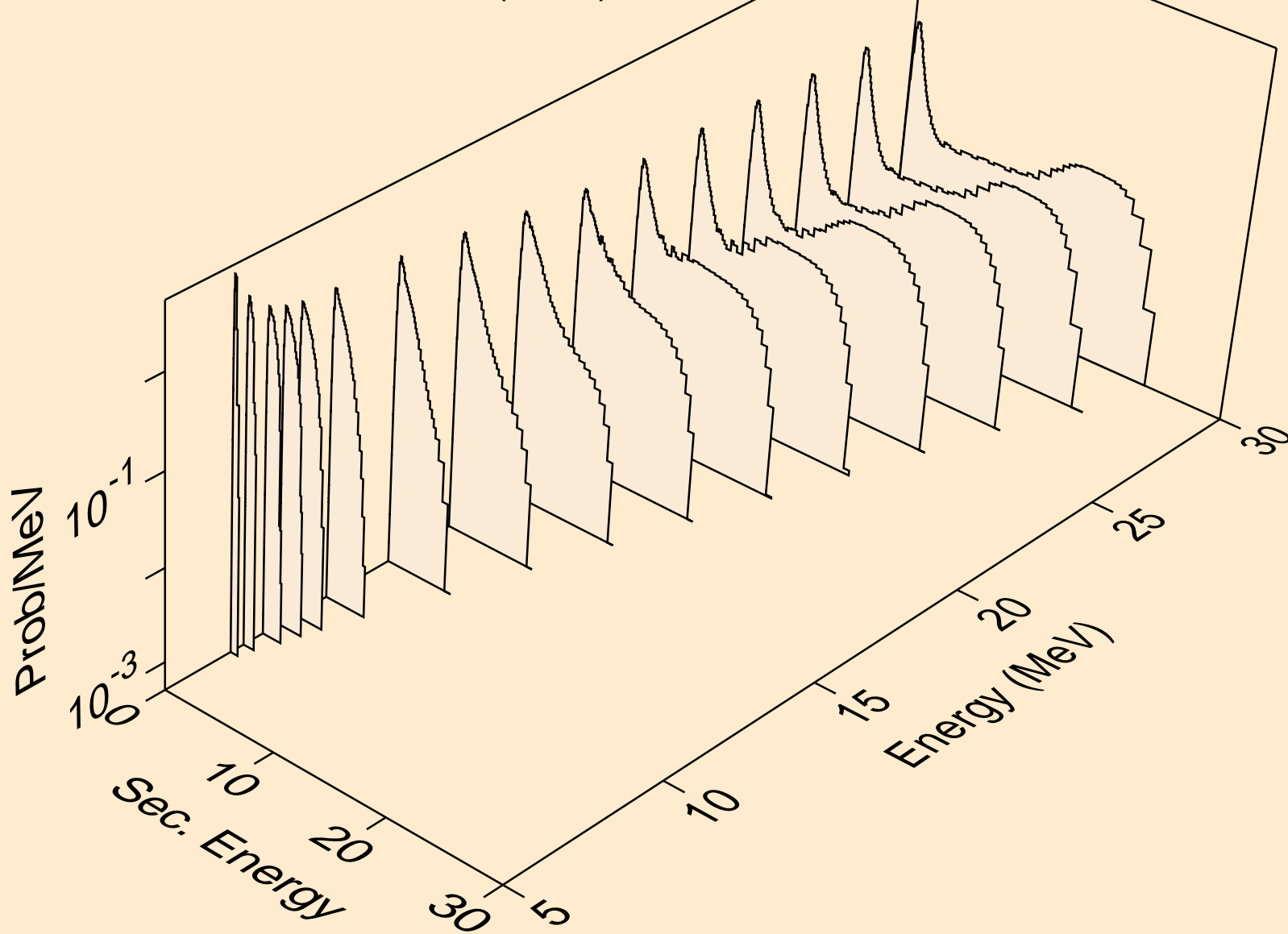
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



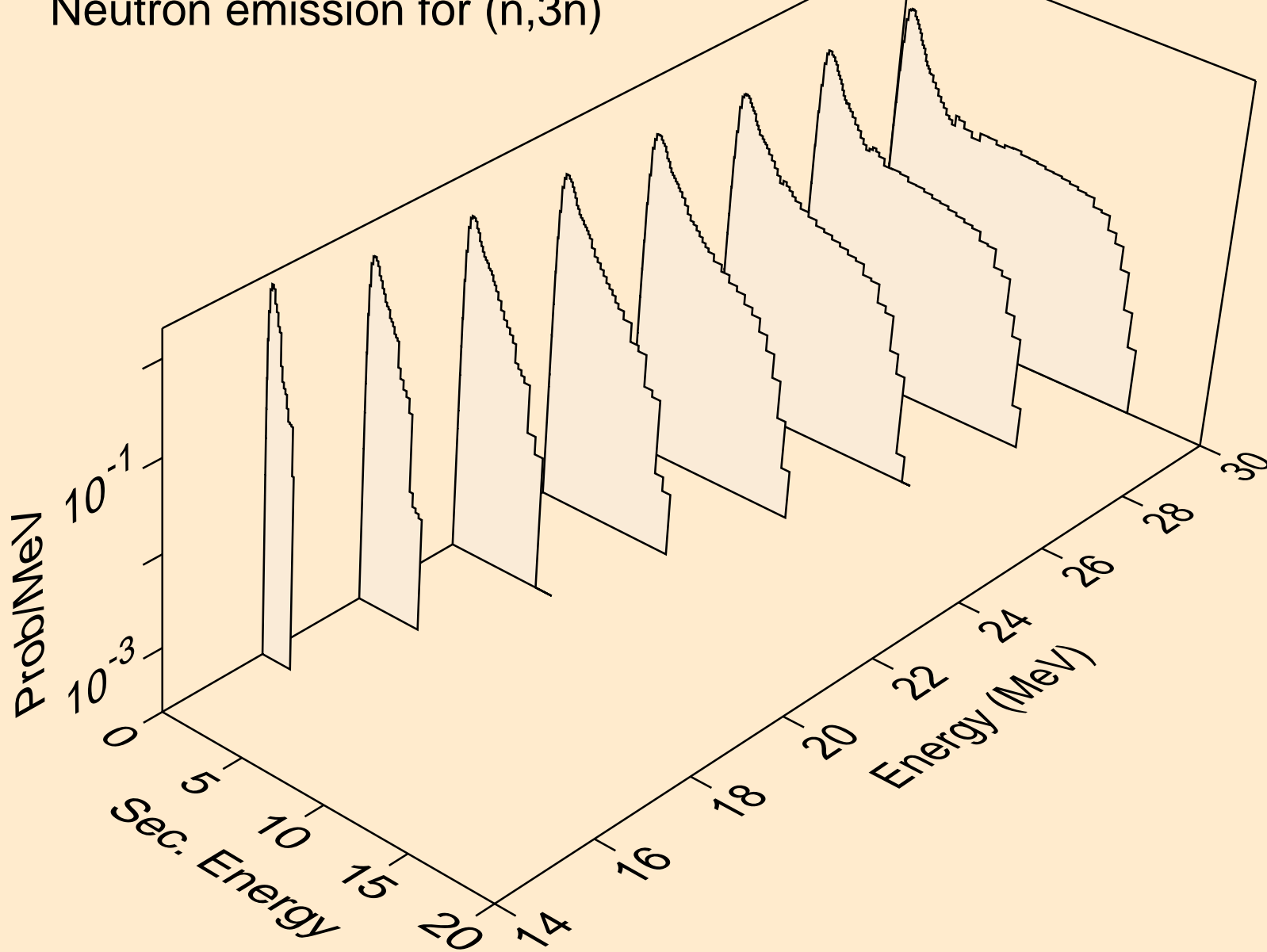
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



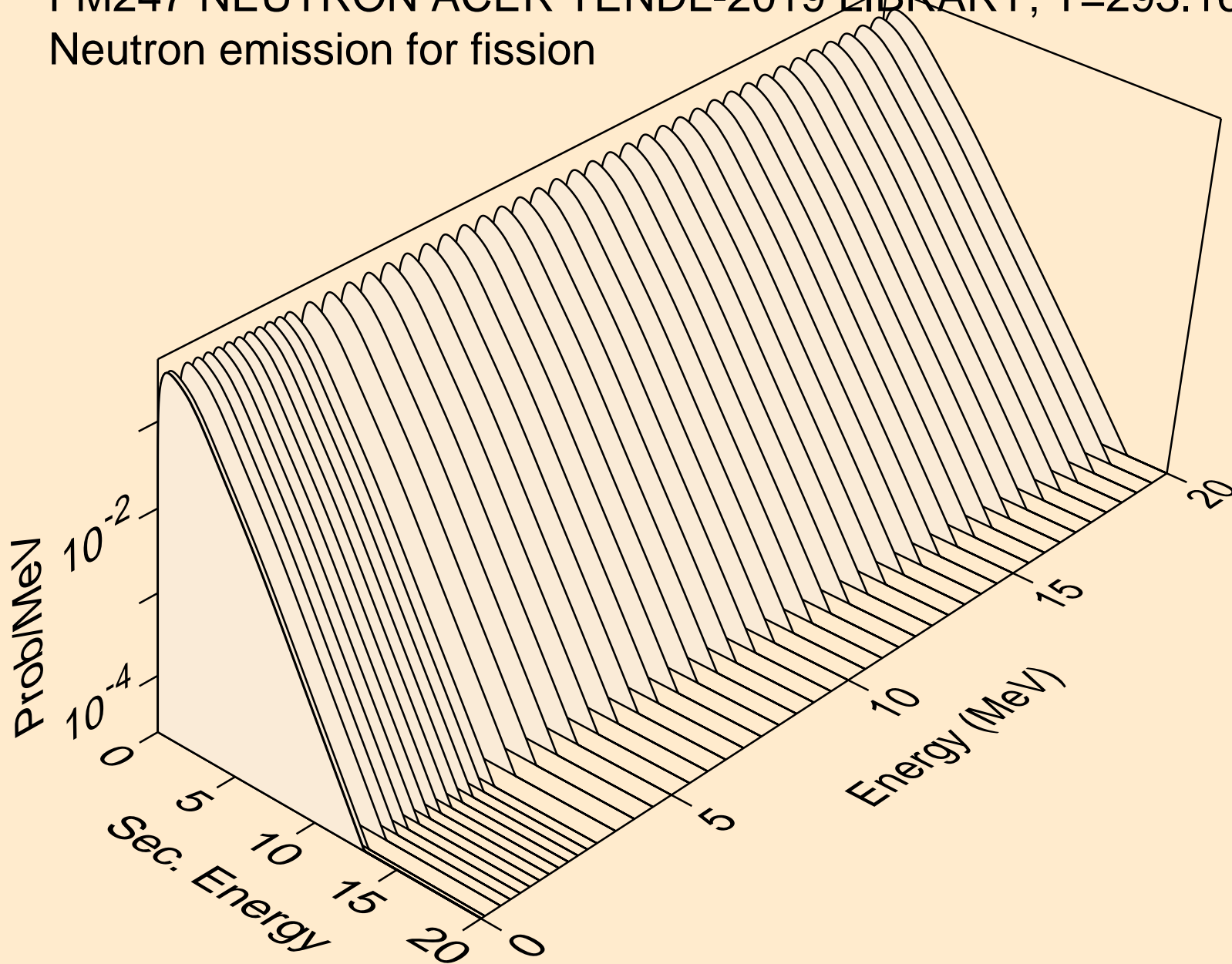
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



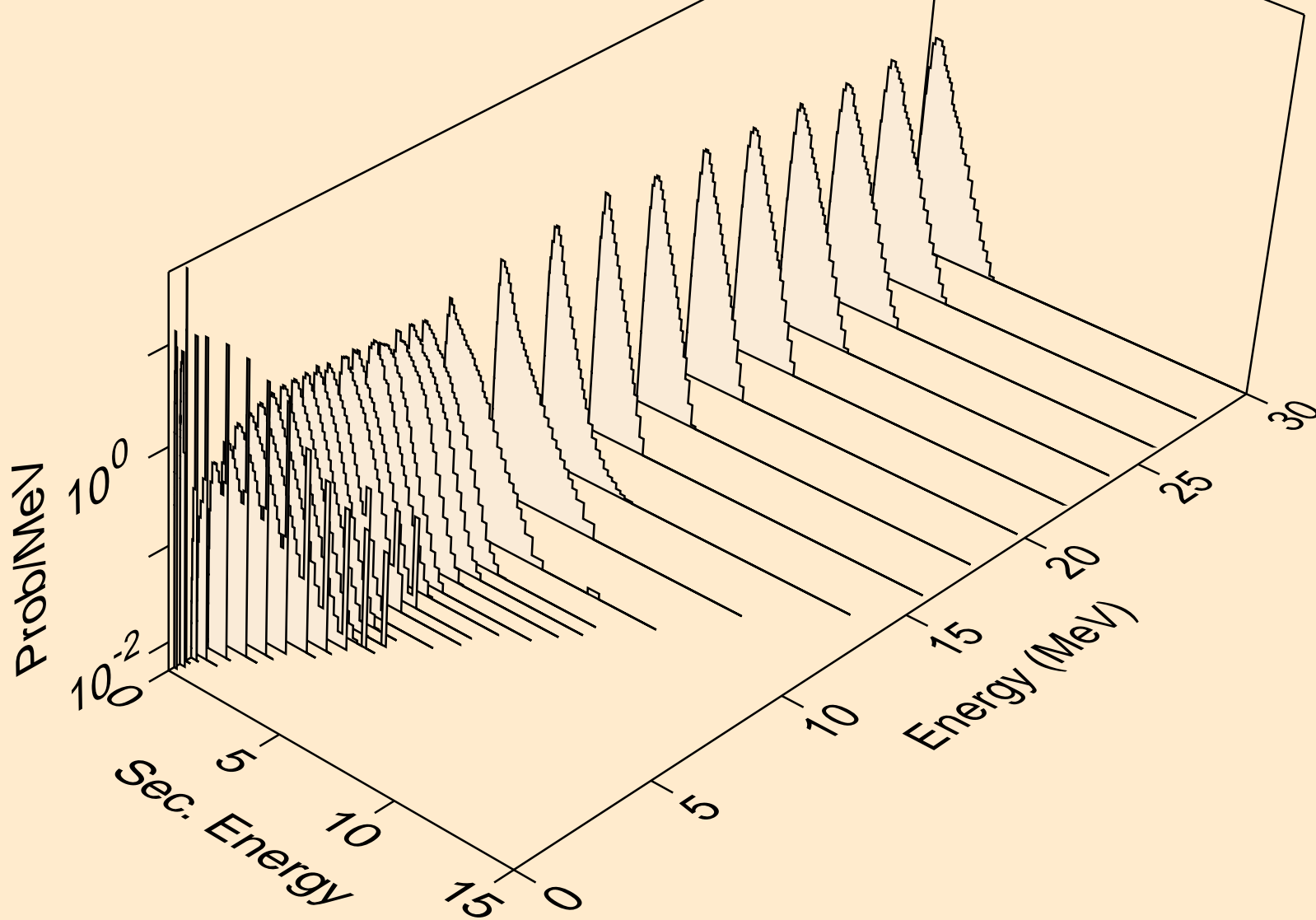
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



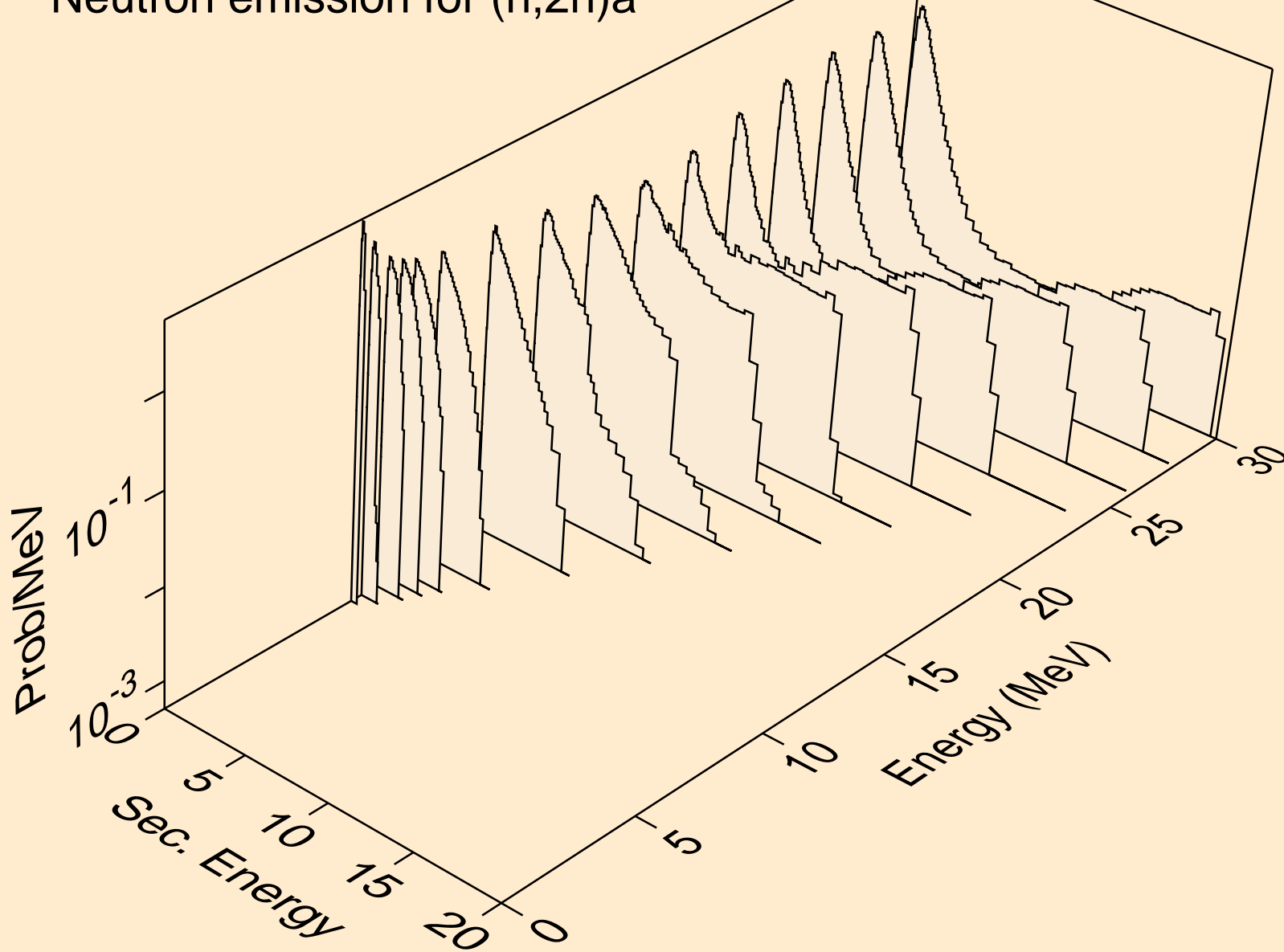
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for fission



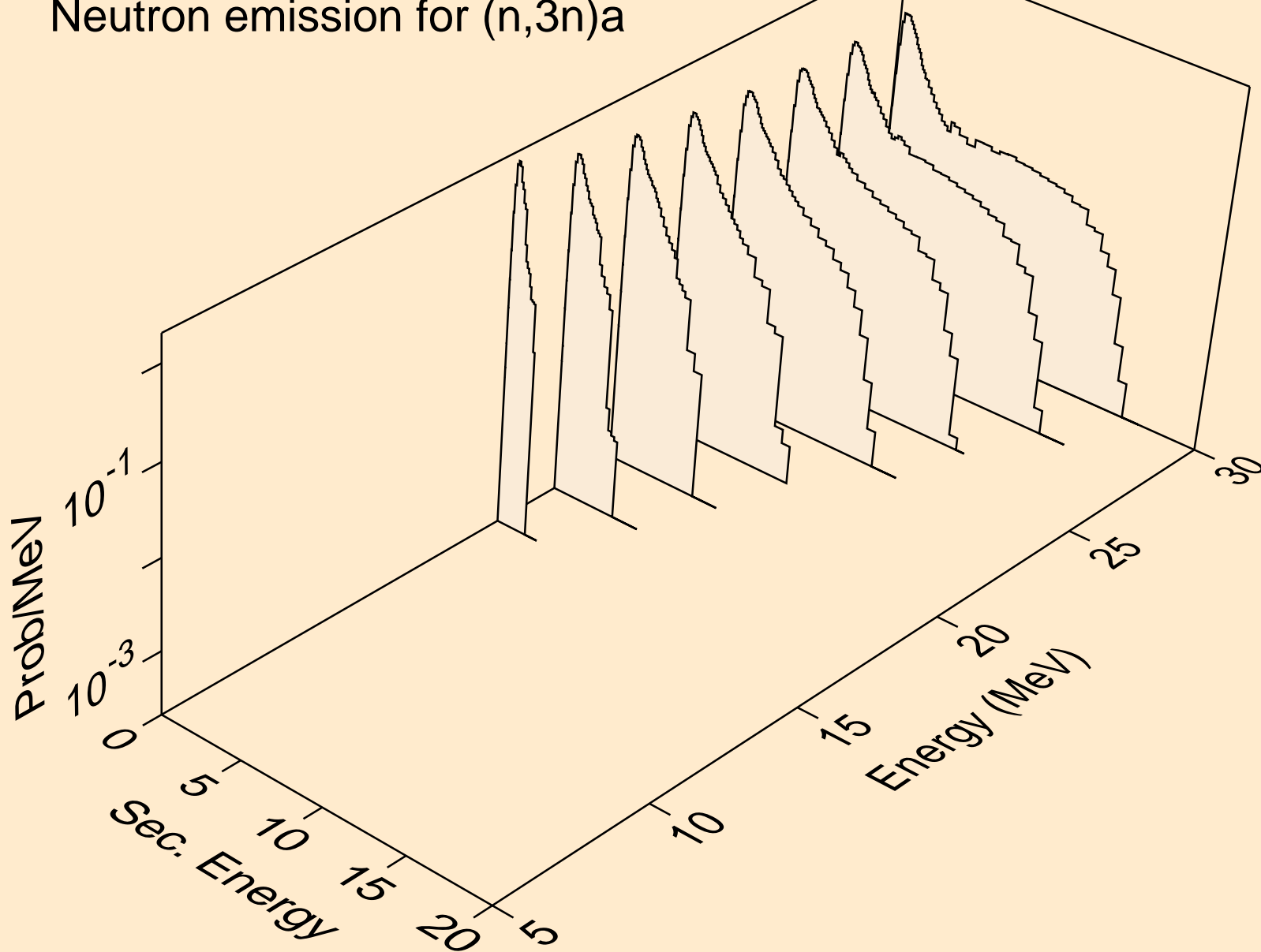
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



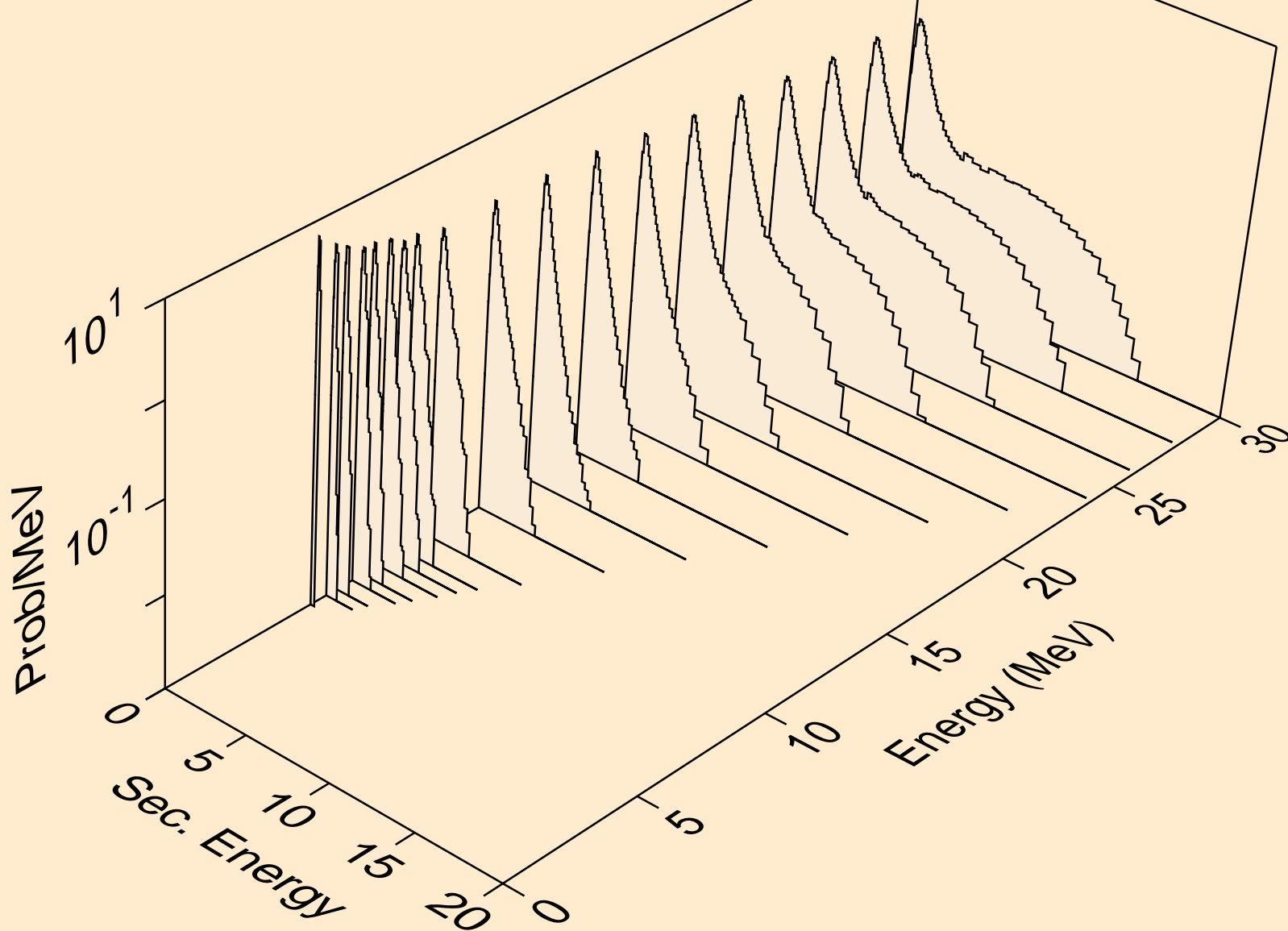
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



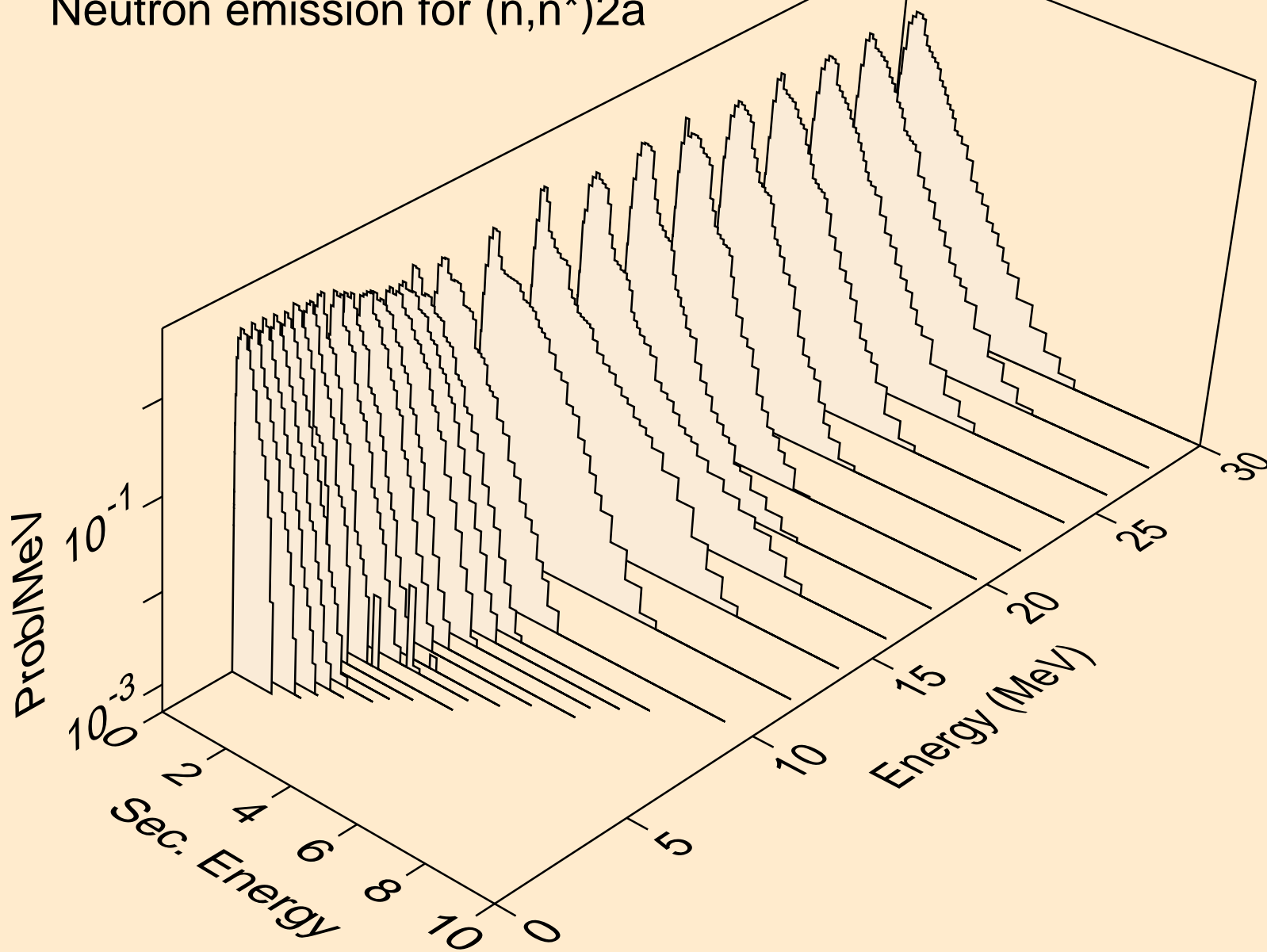
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



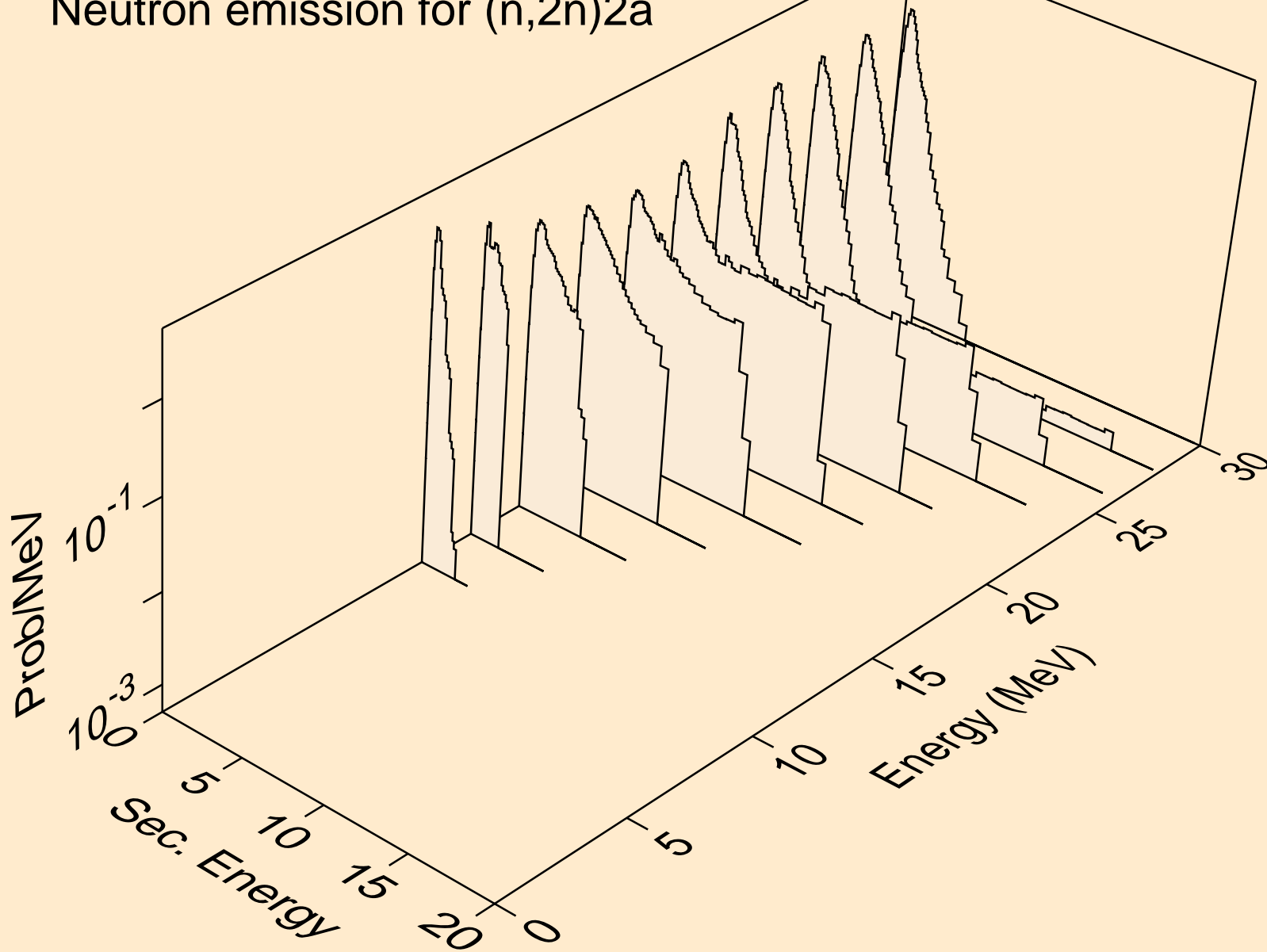
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



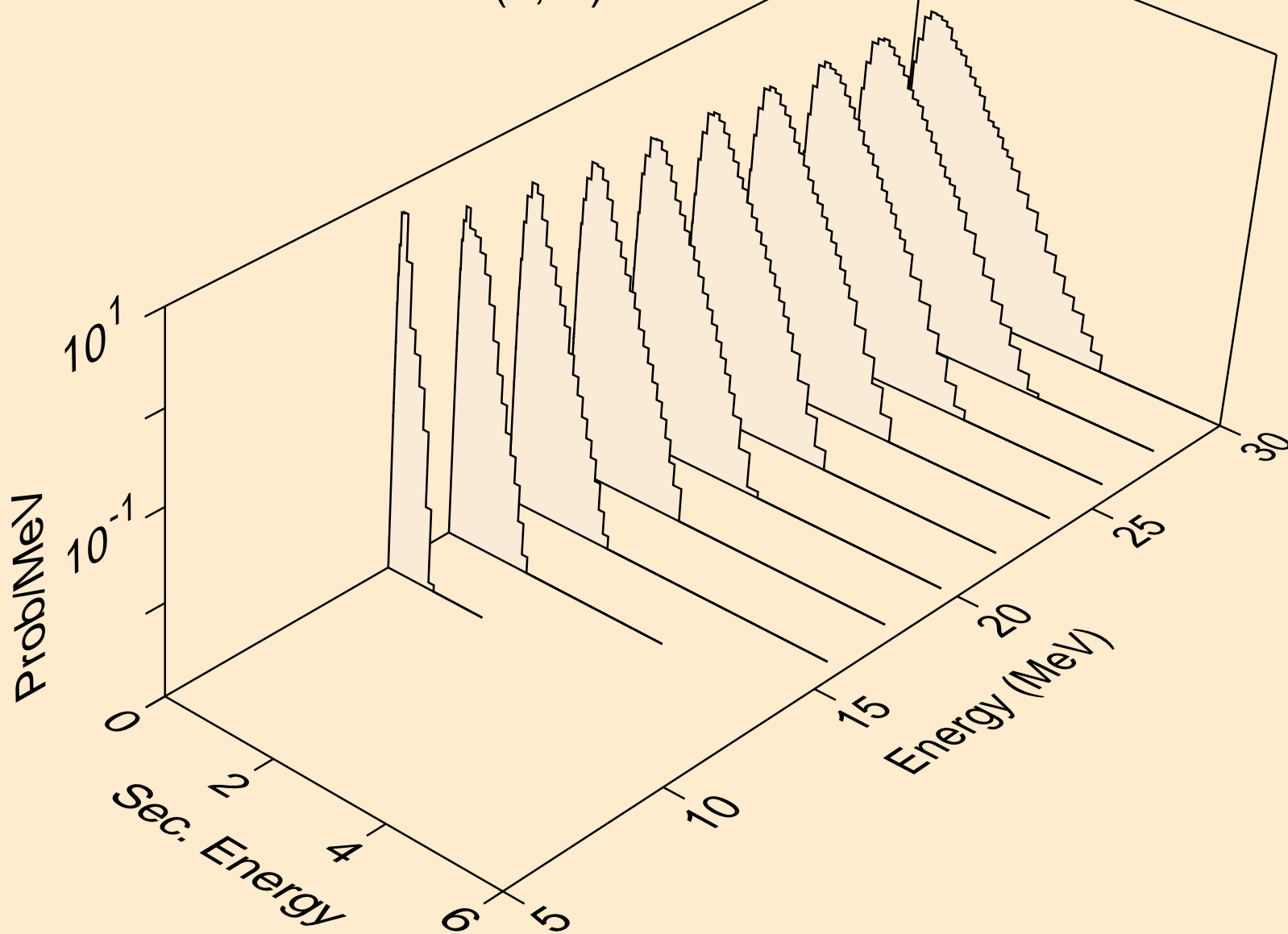
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



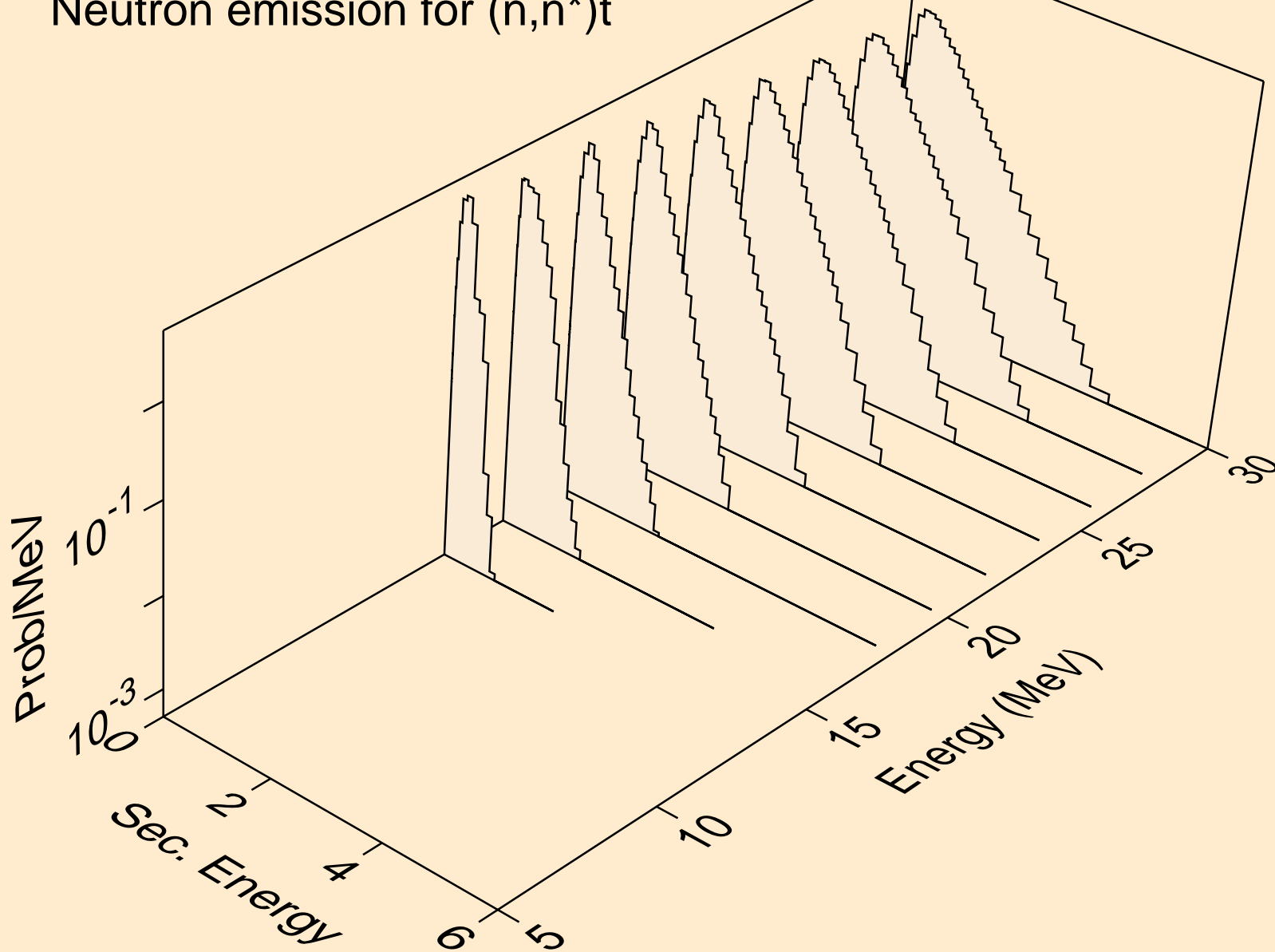
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



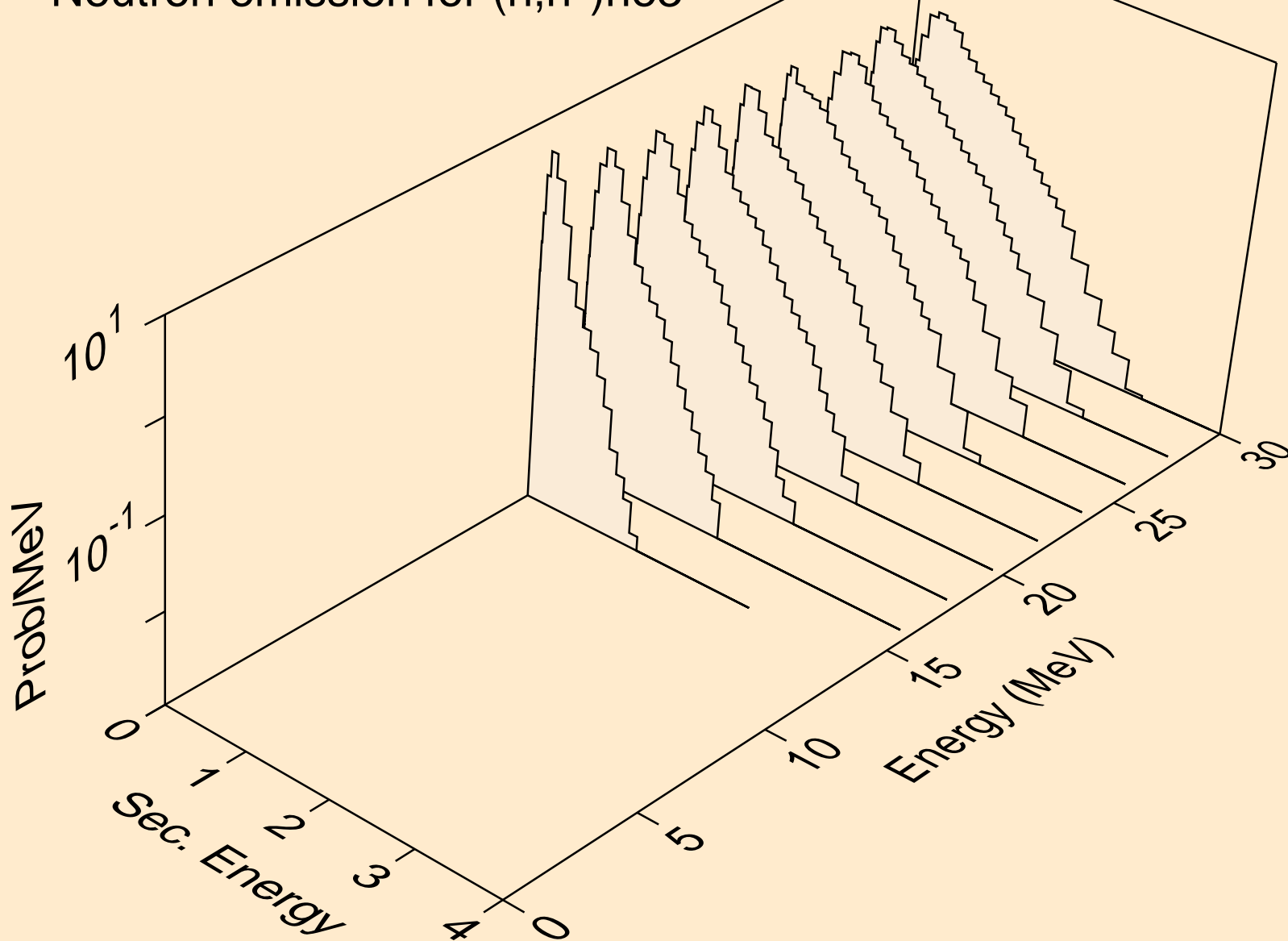
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



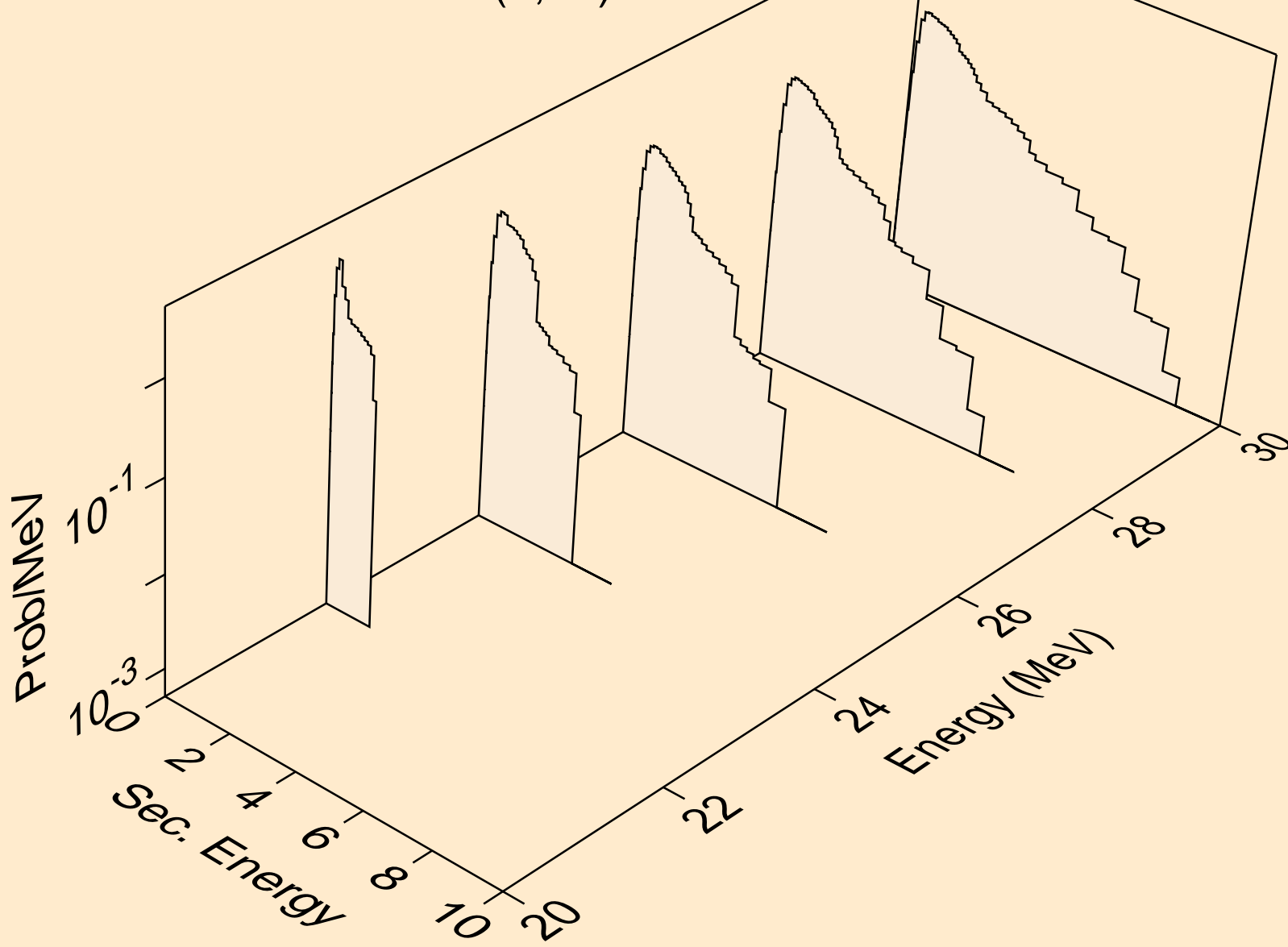
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



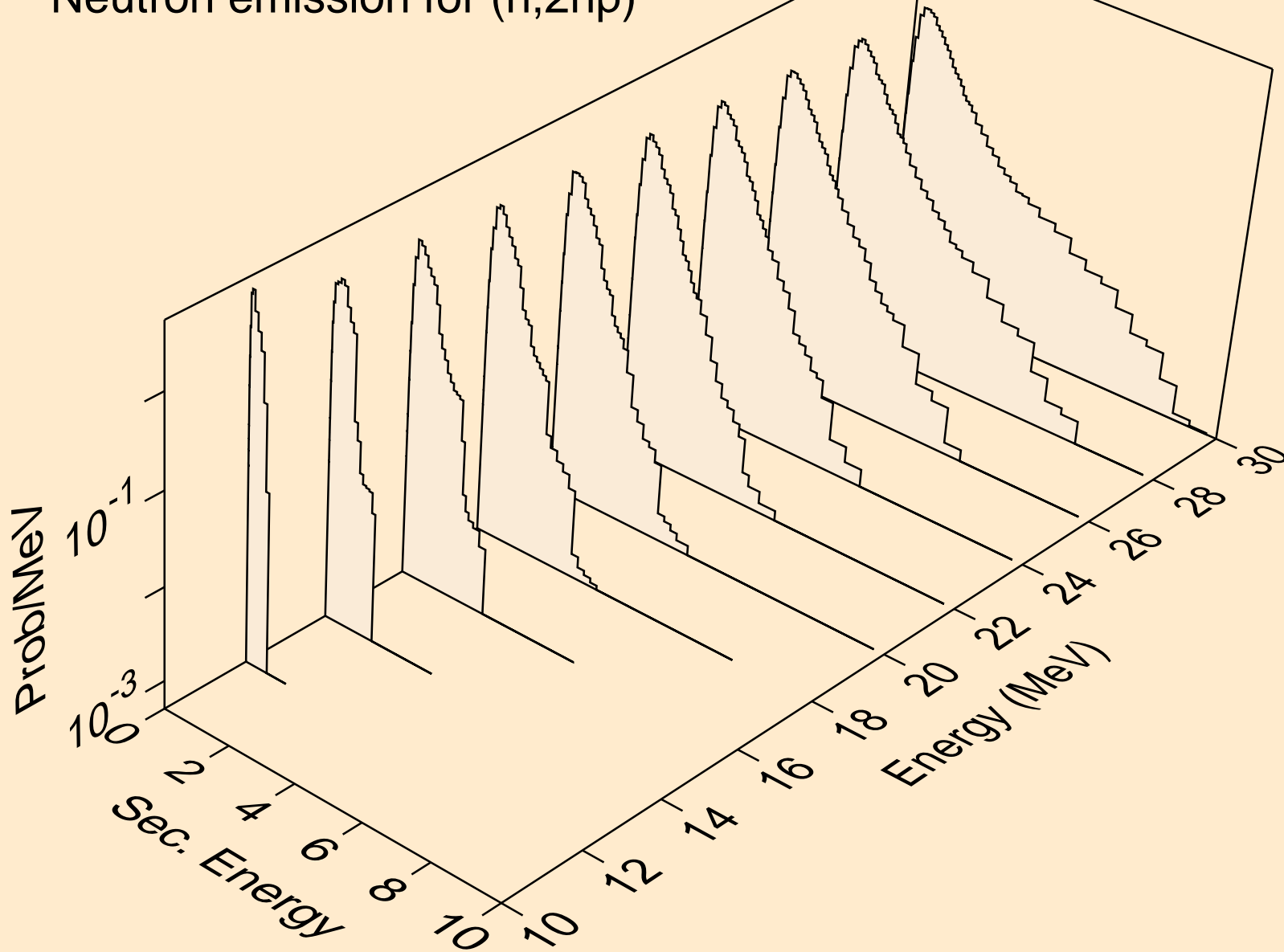
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



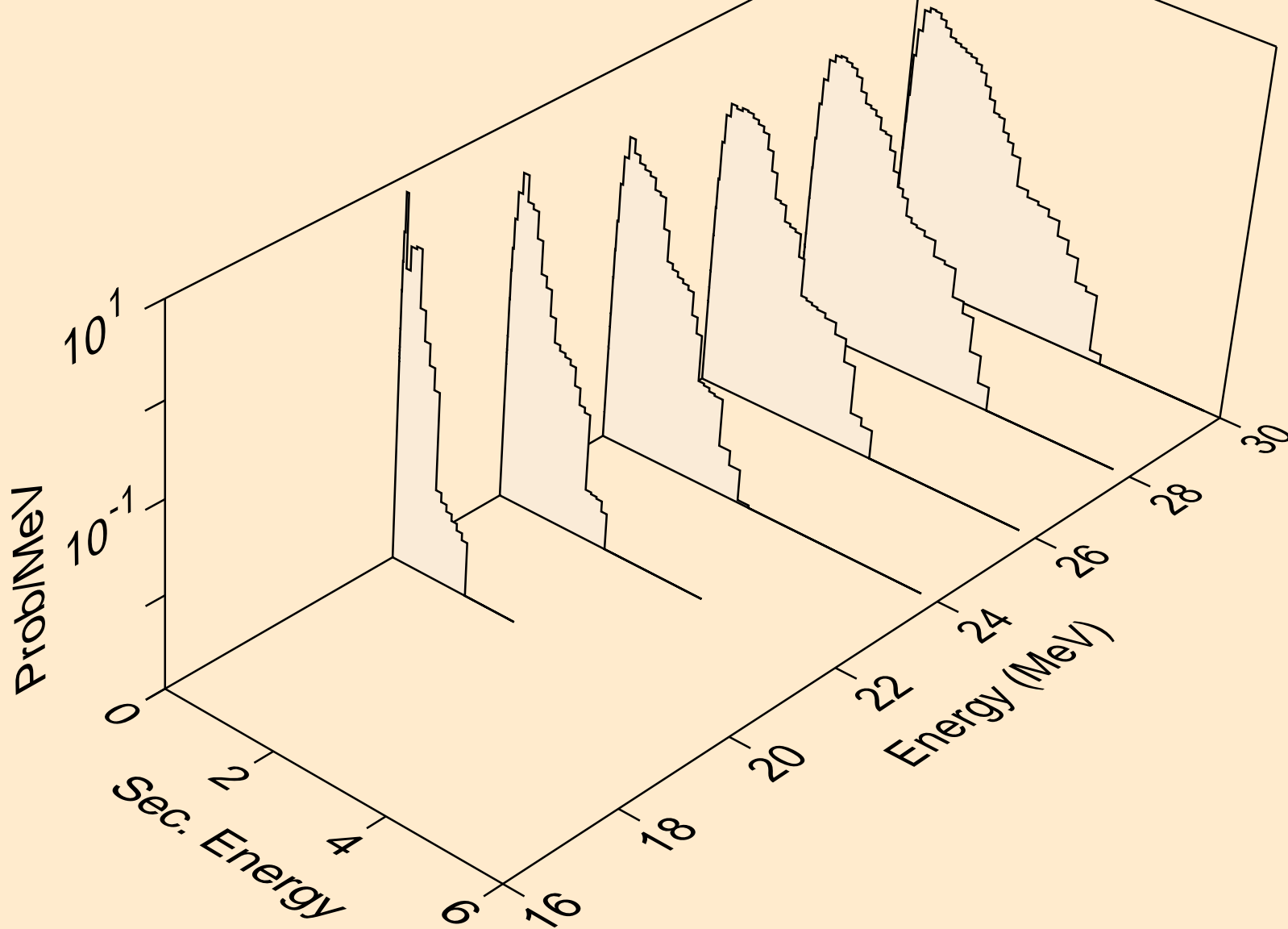
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



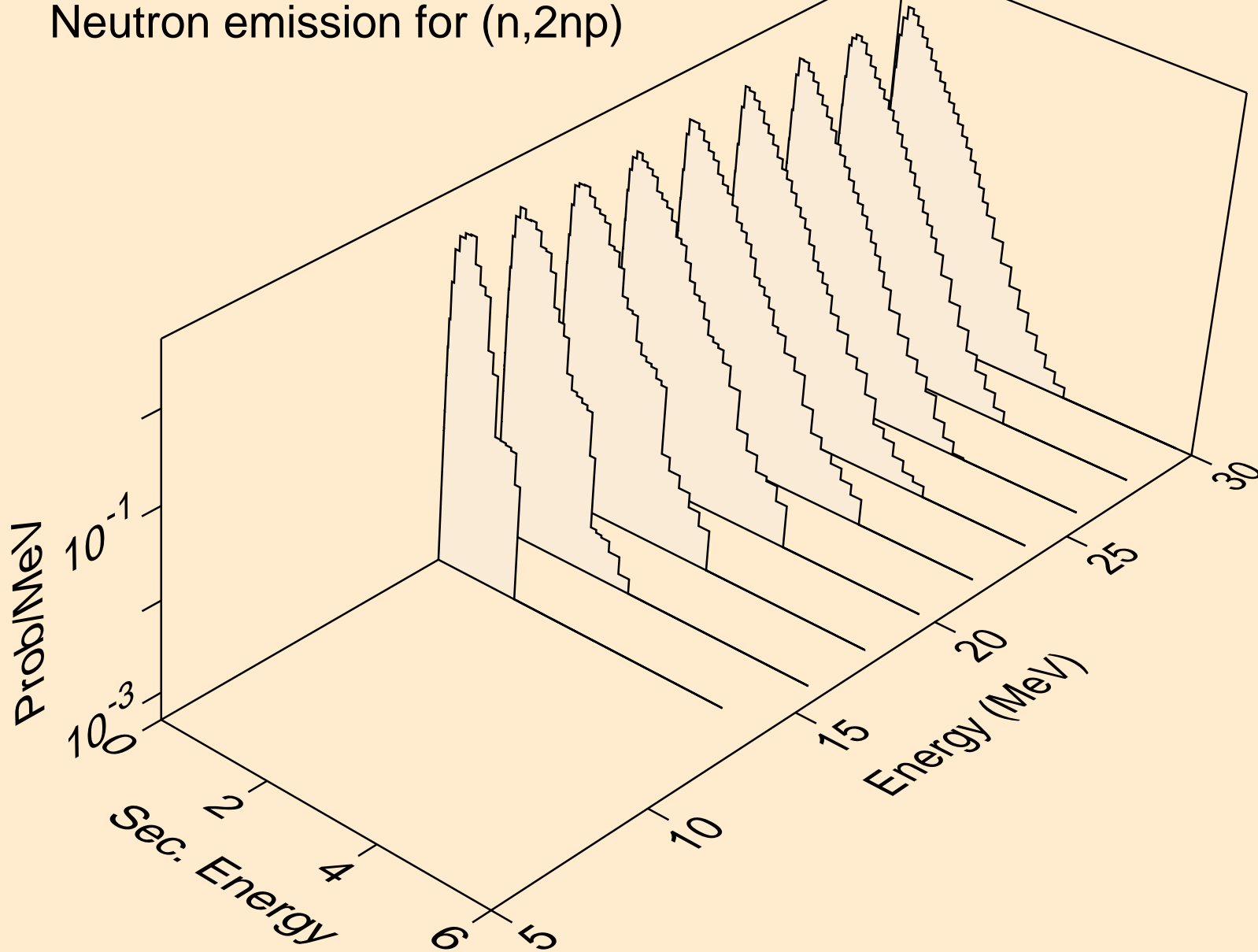
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



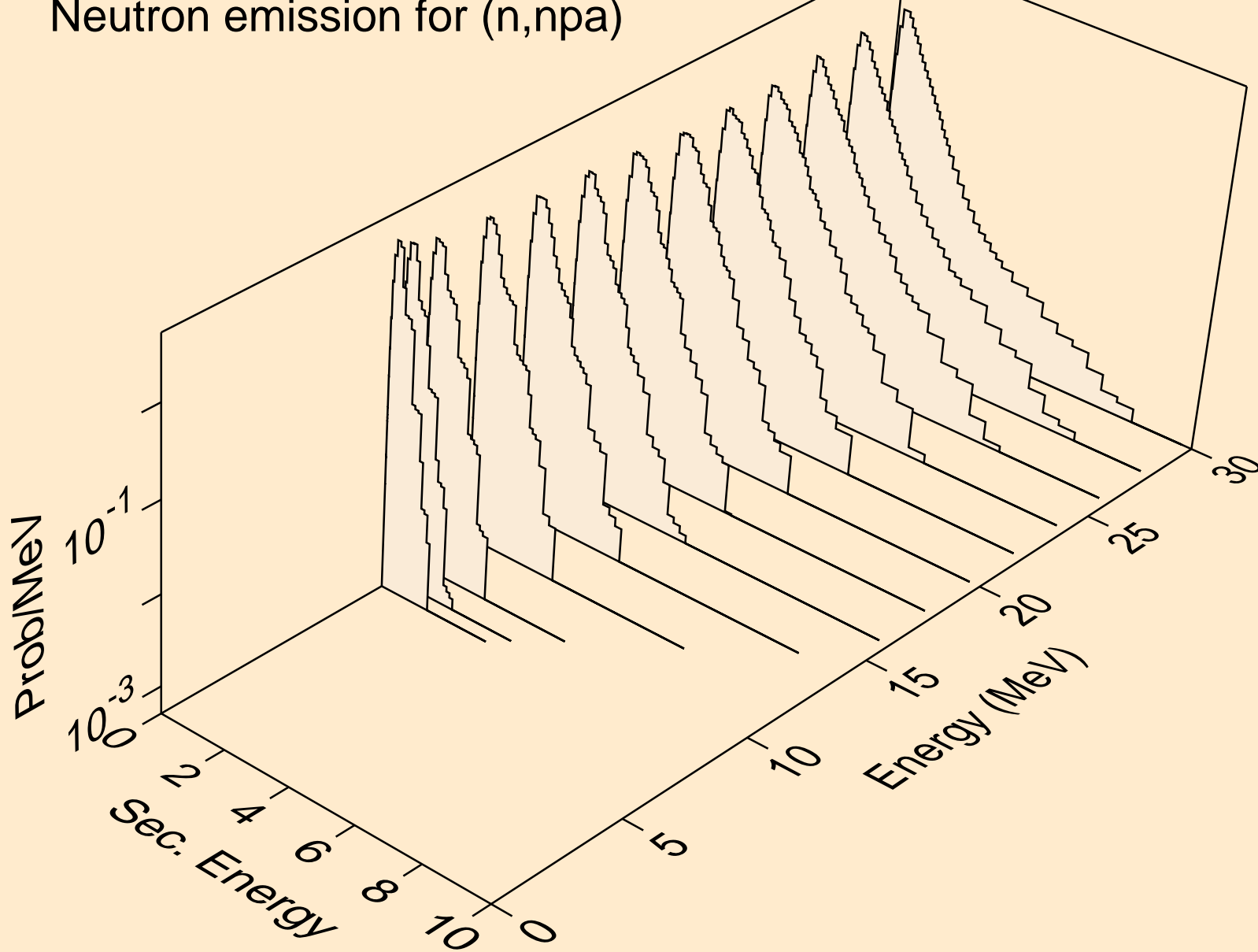
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



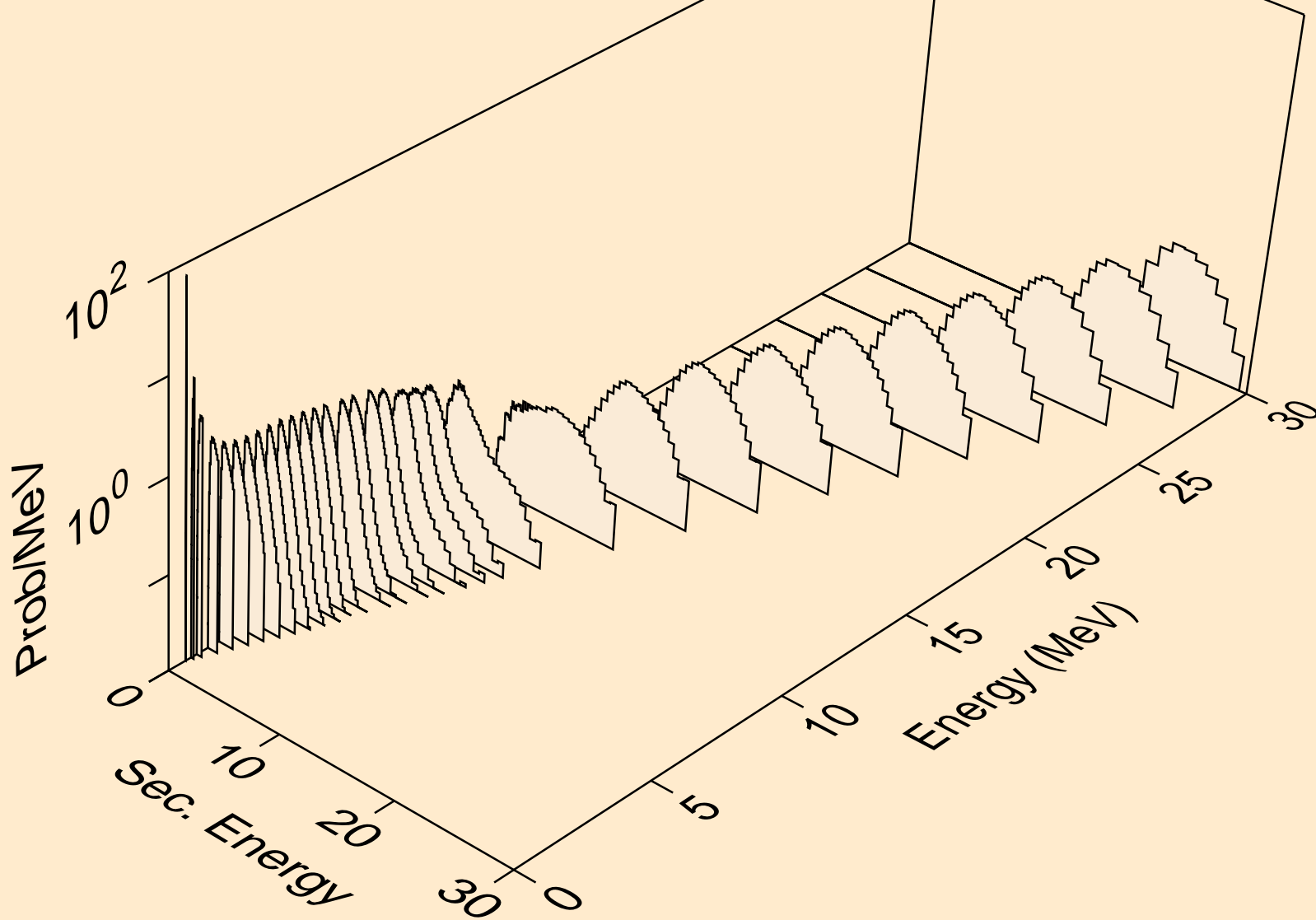
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)

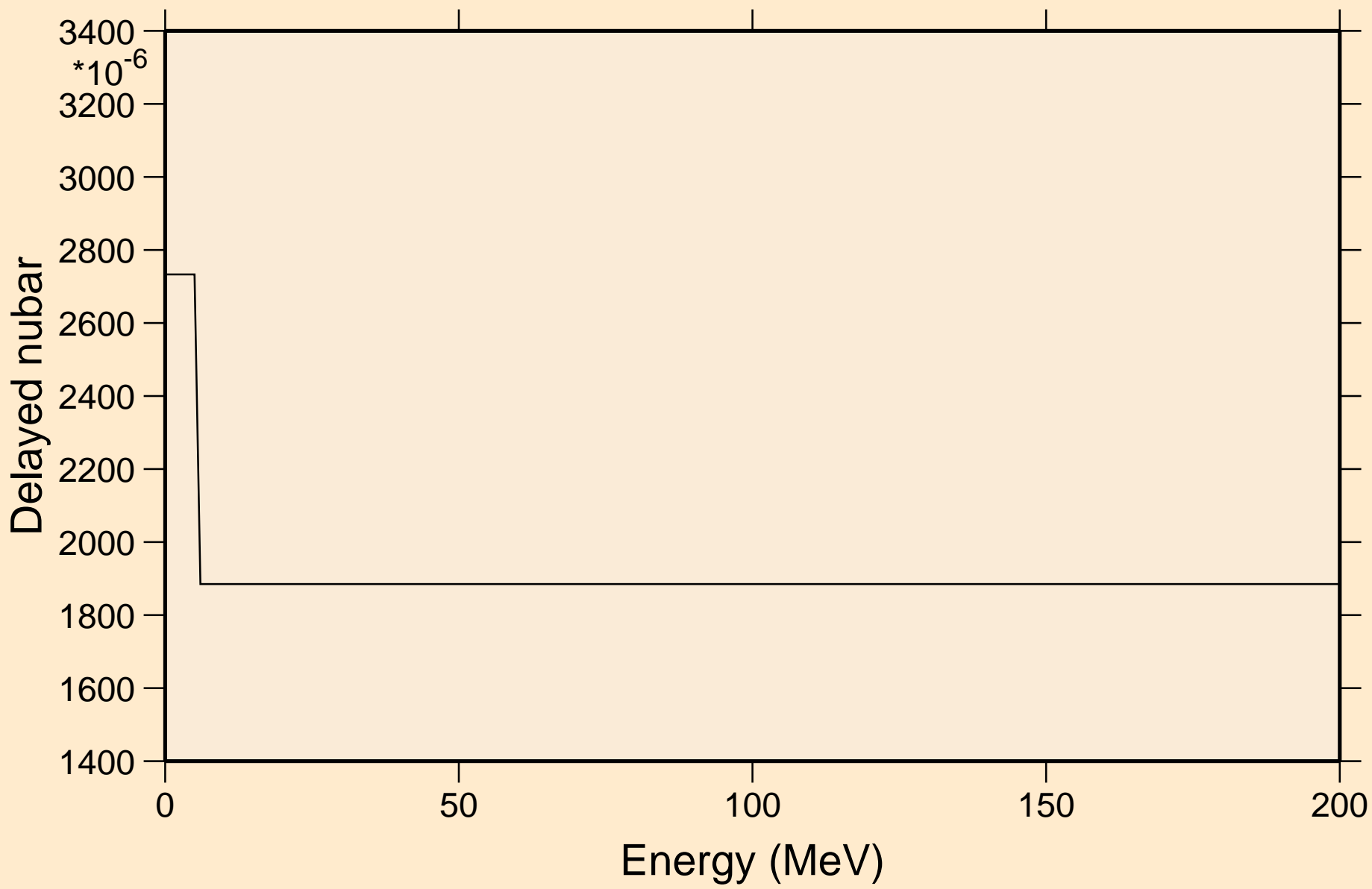


FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



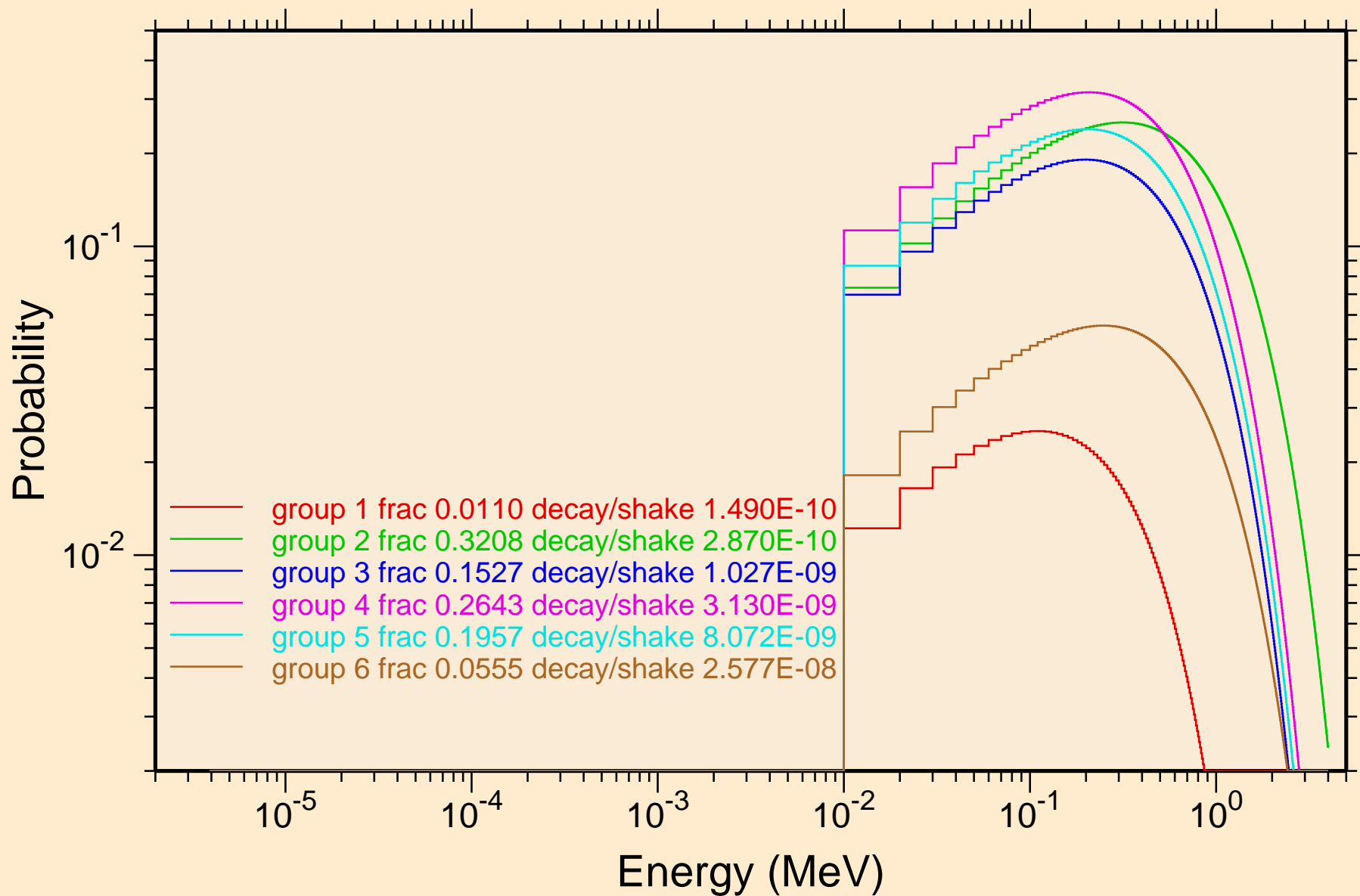
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Delayed nubar

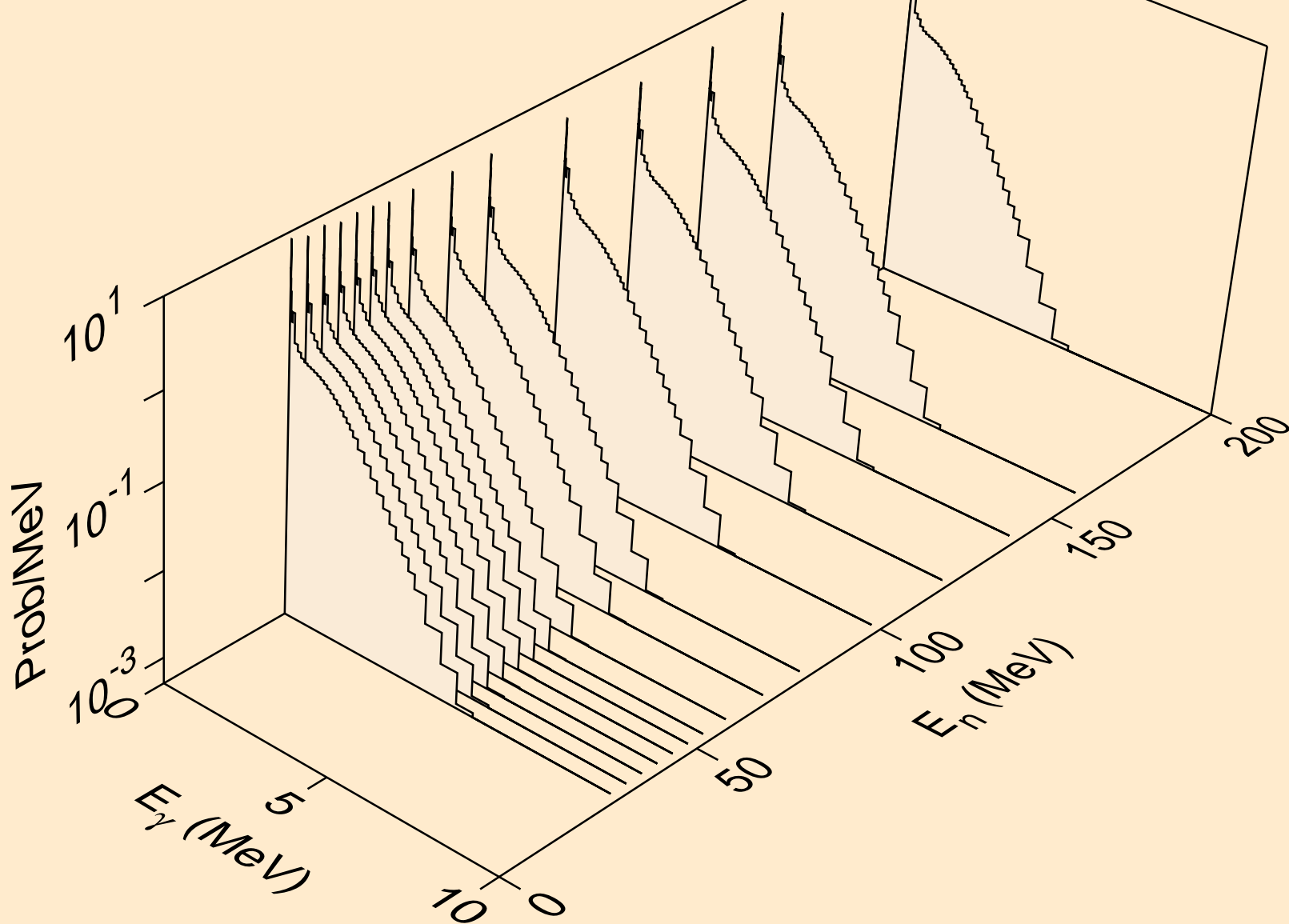


FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

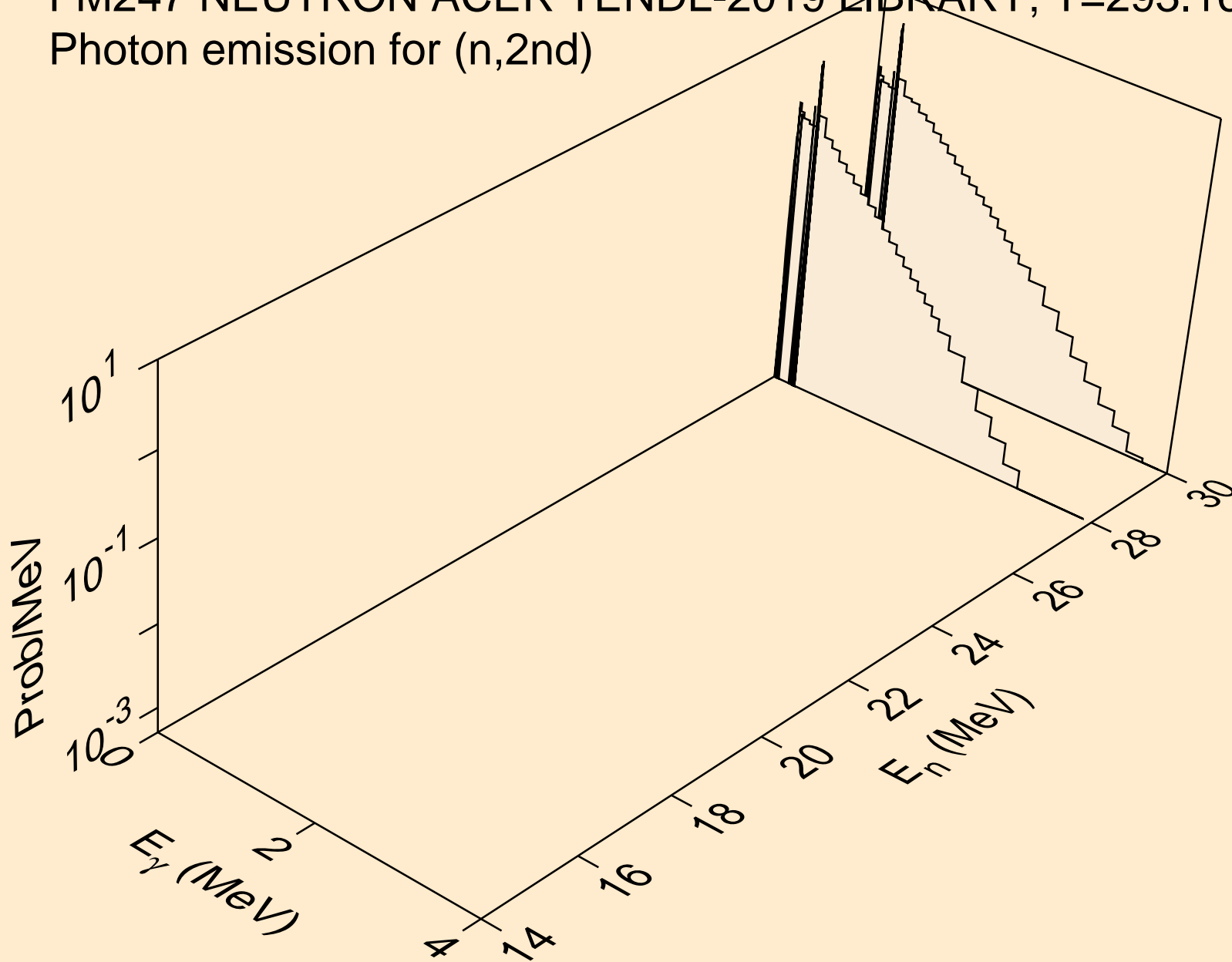
Delayed neutron spectra



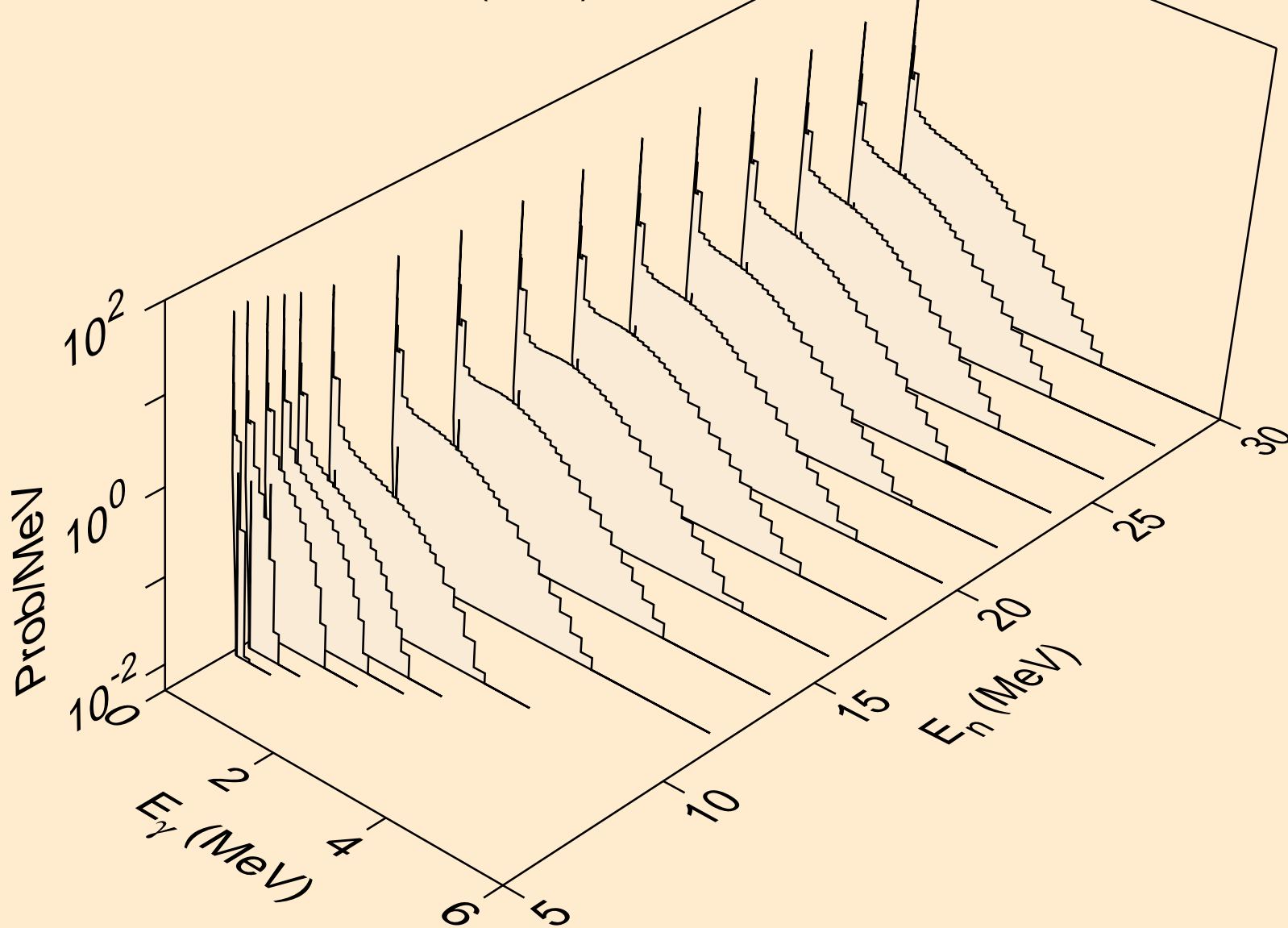
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



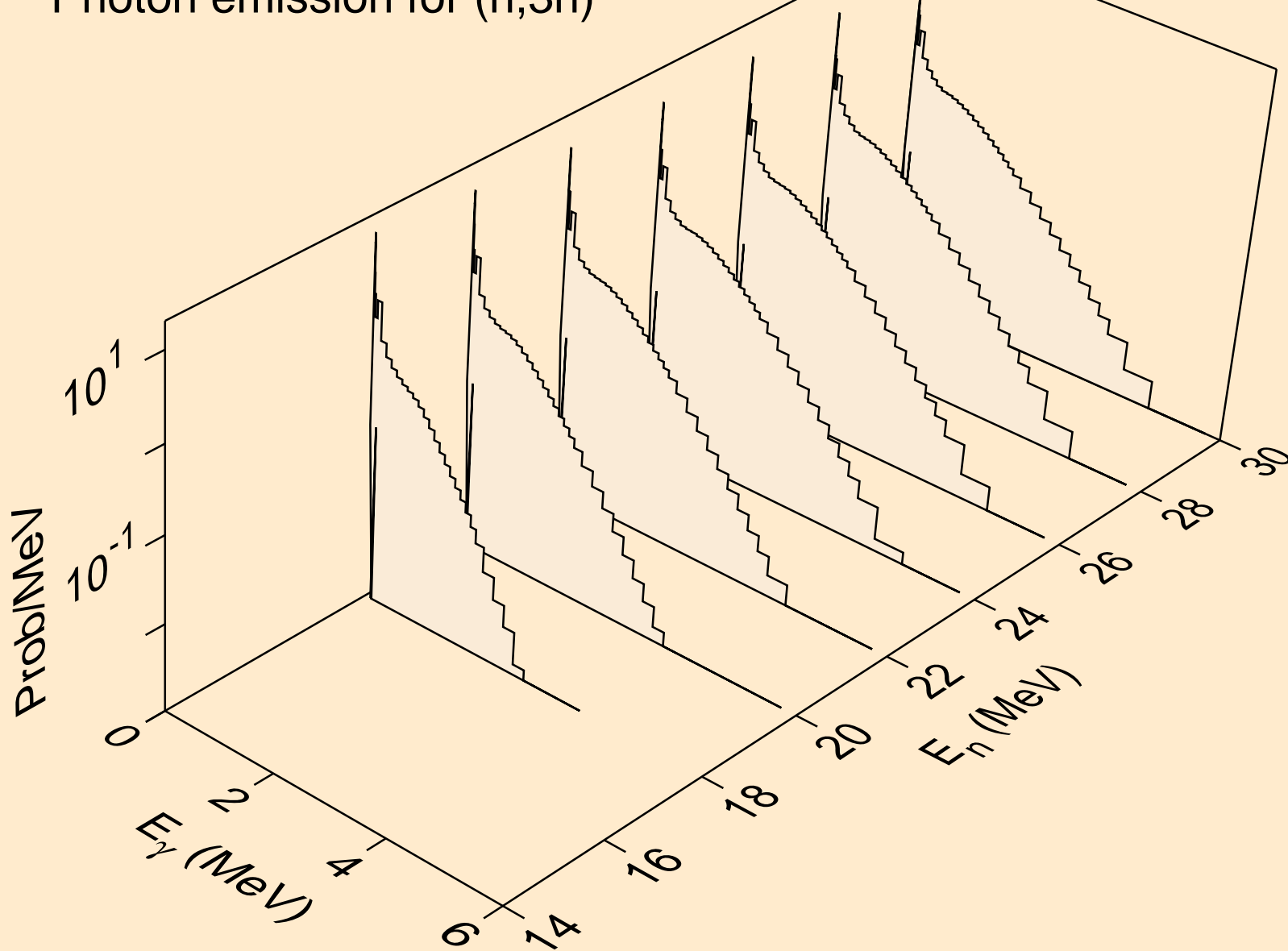
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



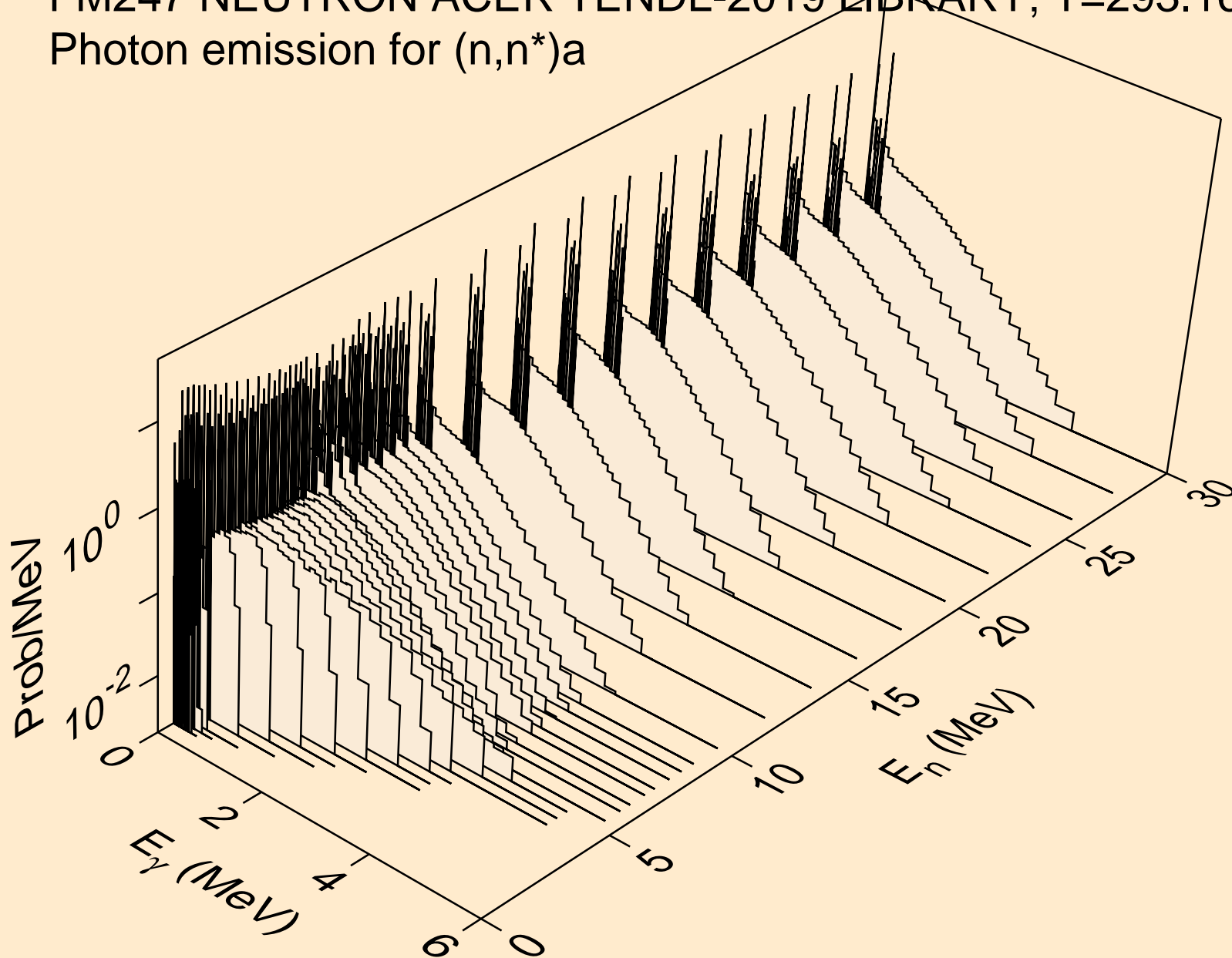
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



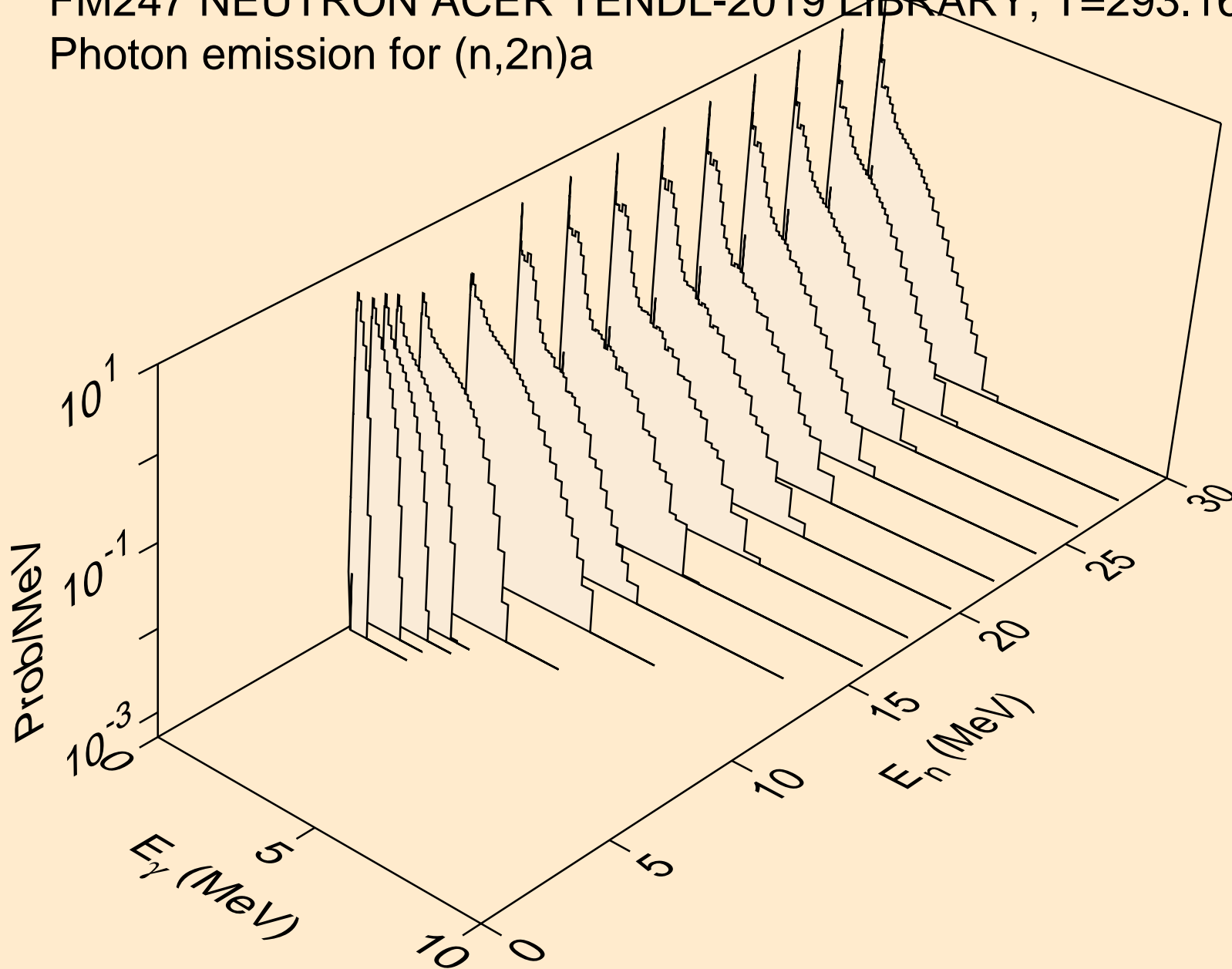
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



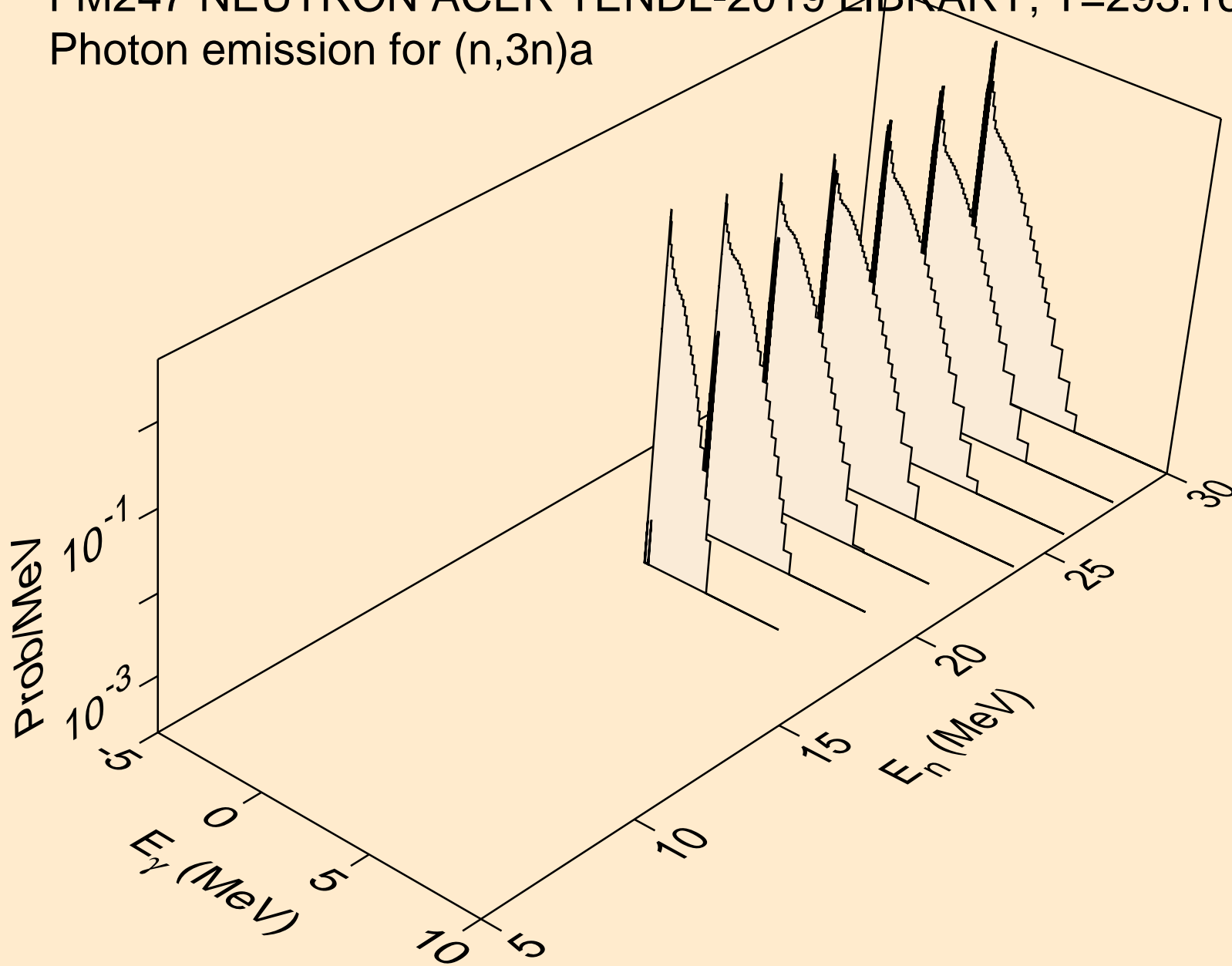
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



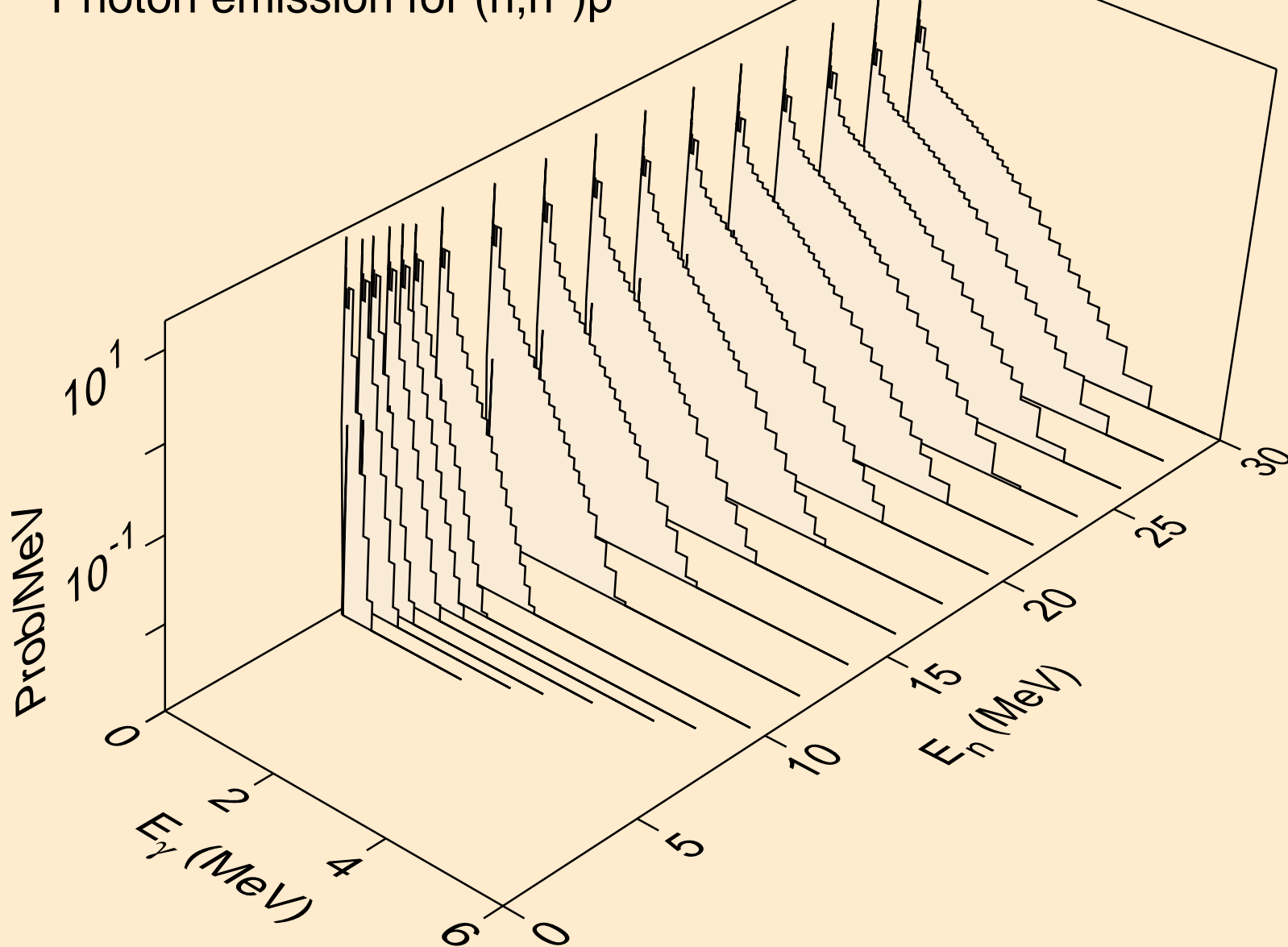
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



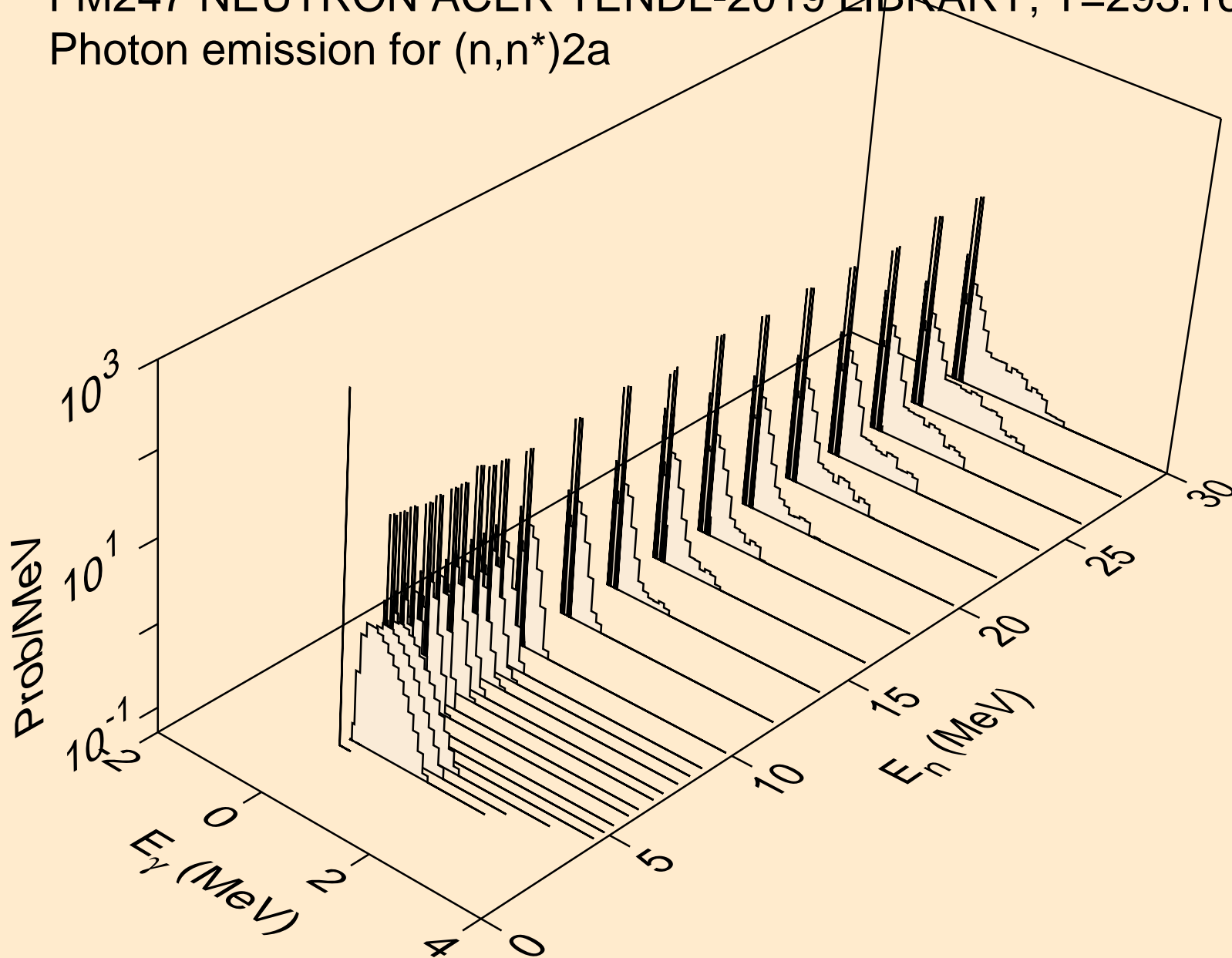
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



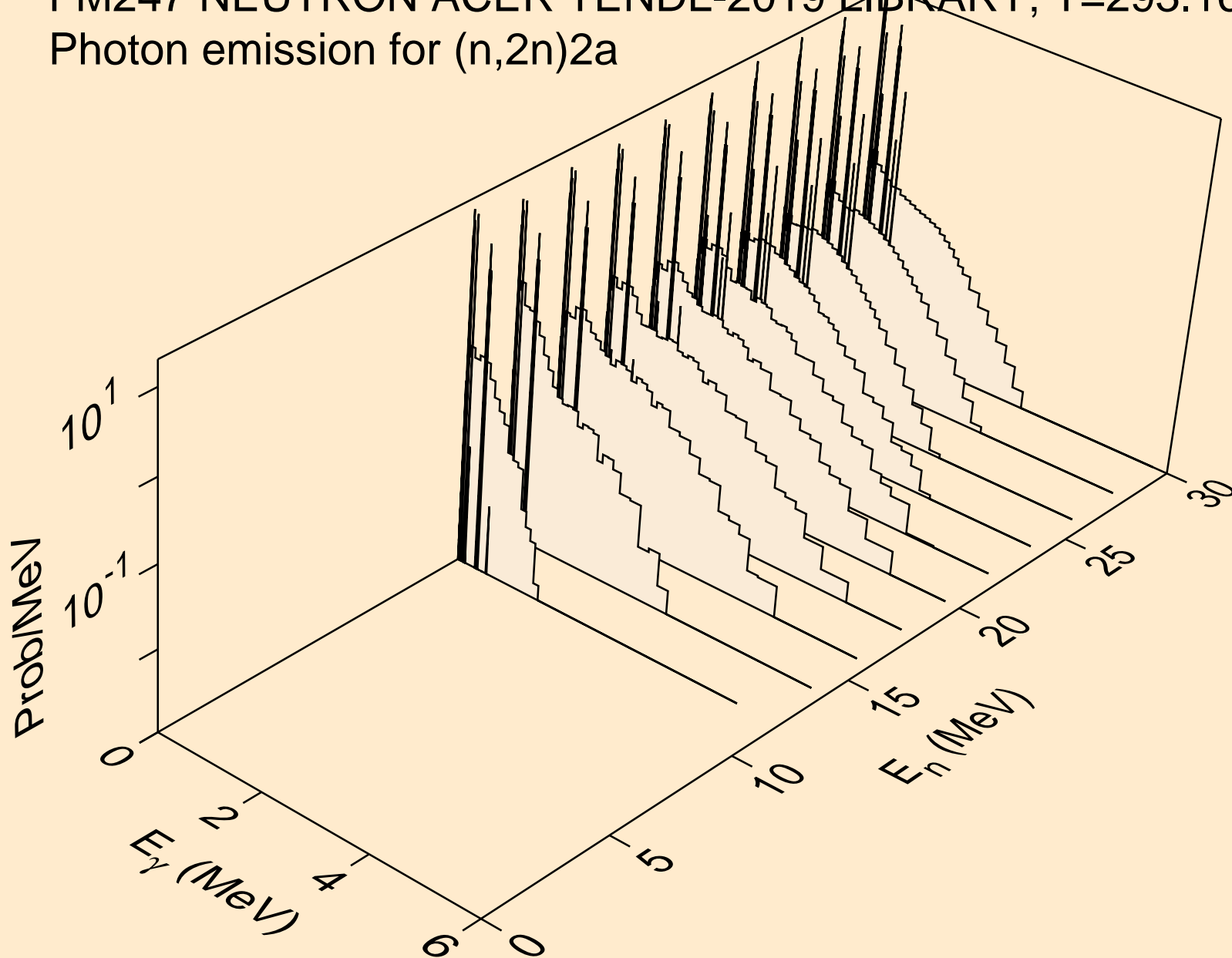
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



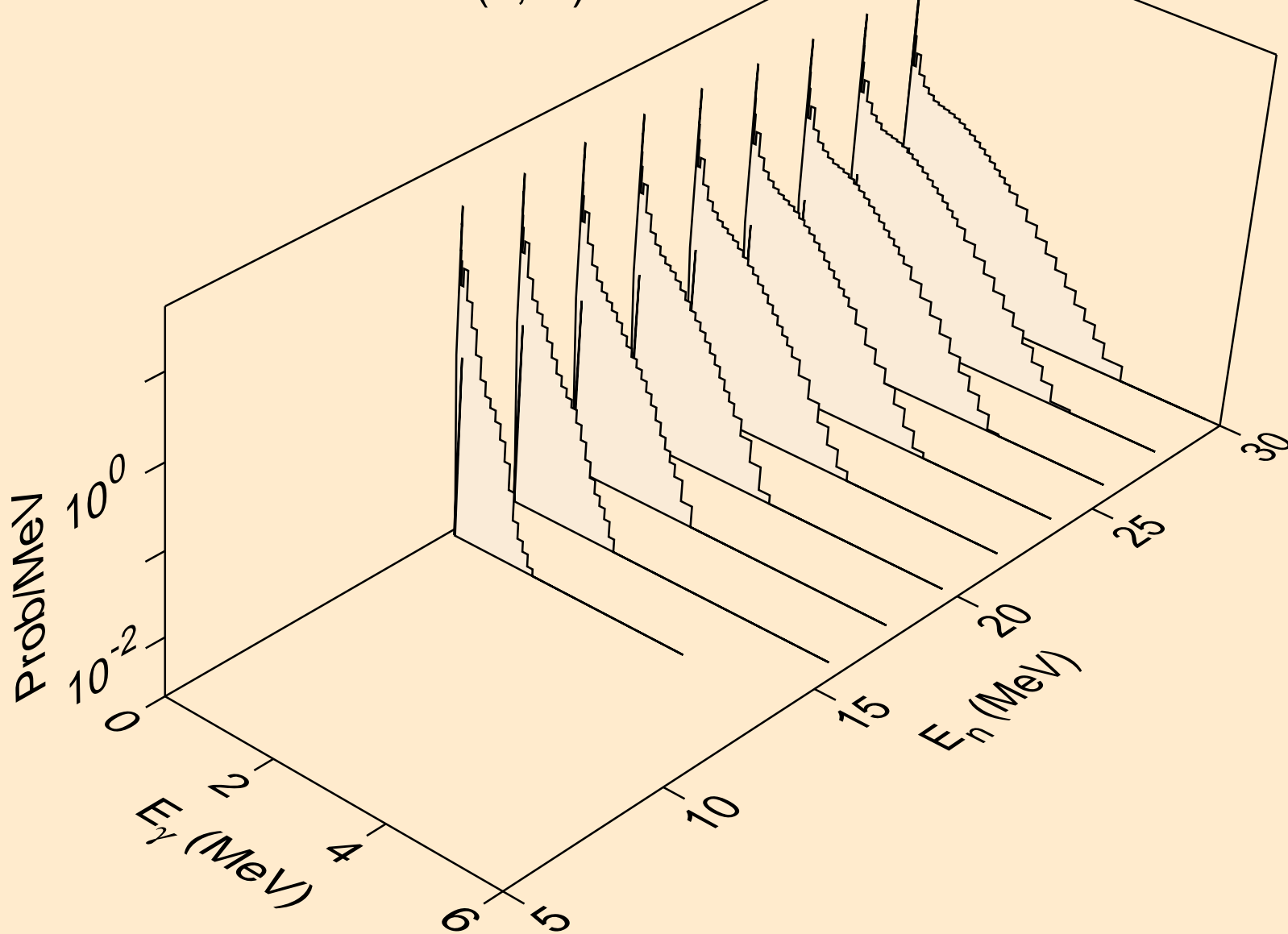
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



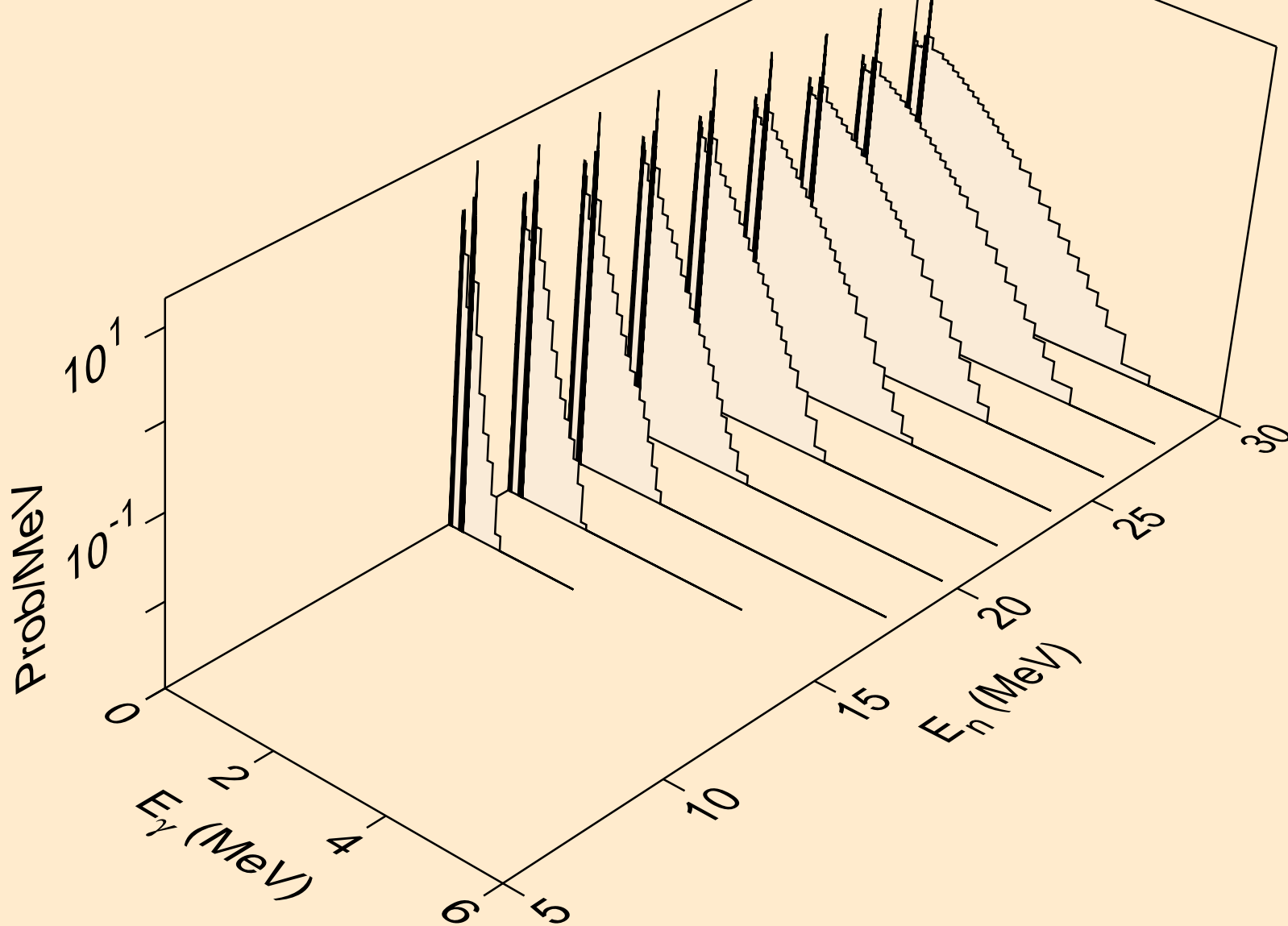
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



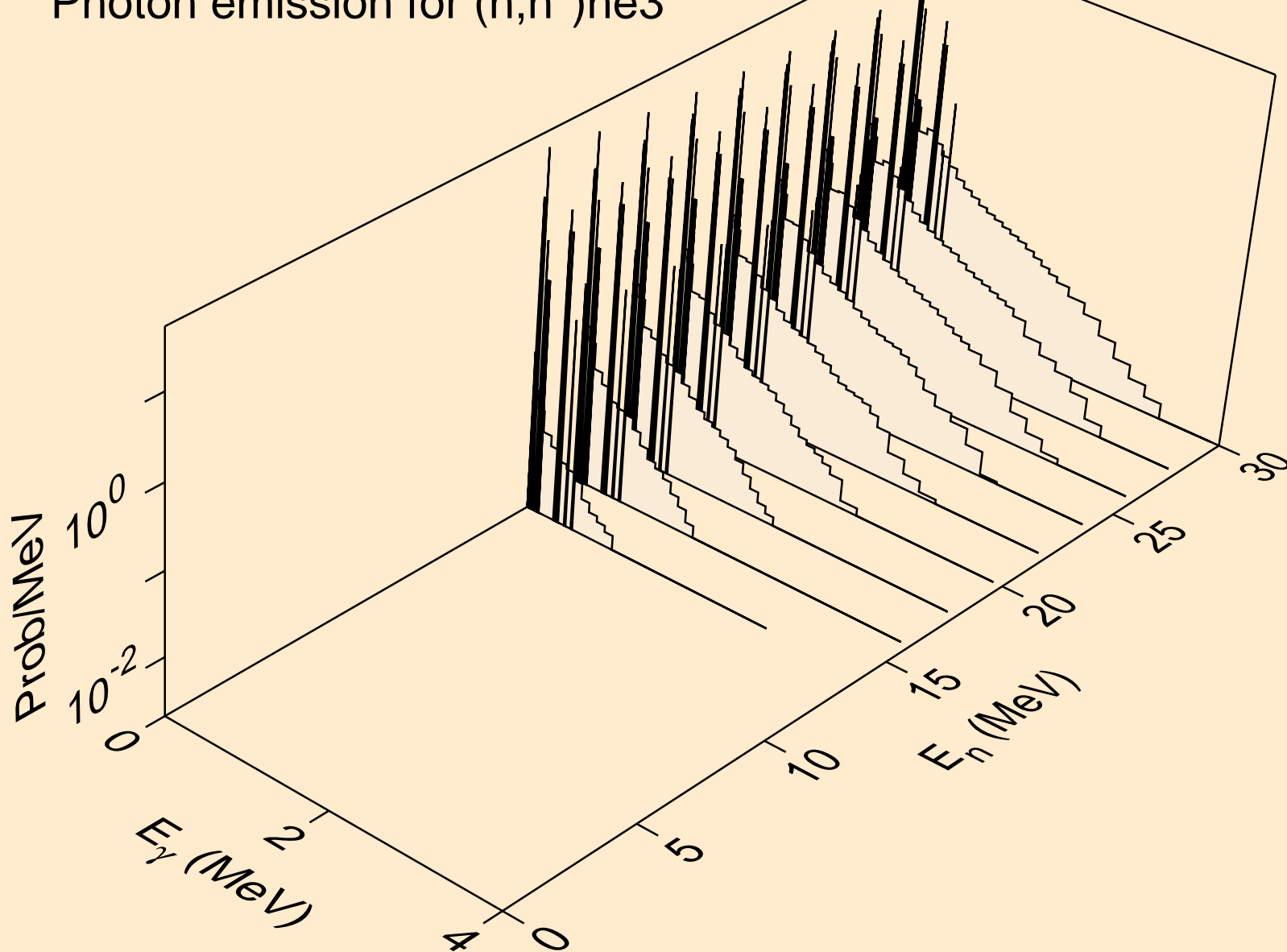
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



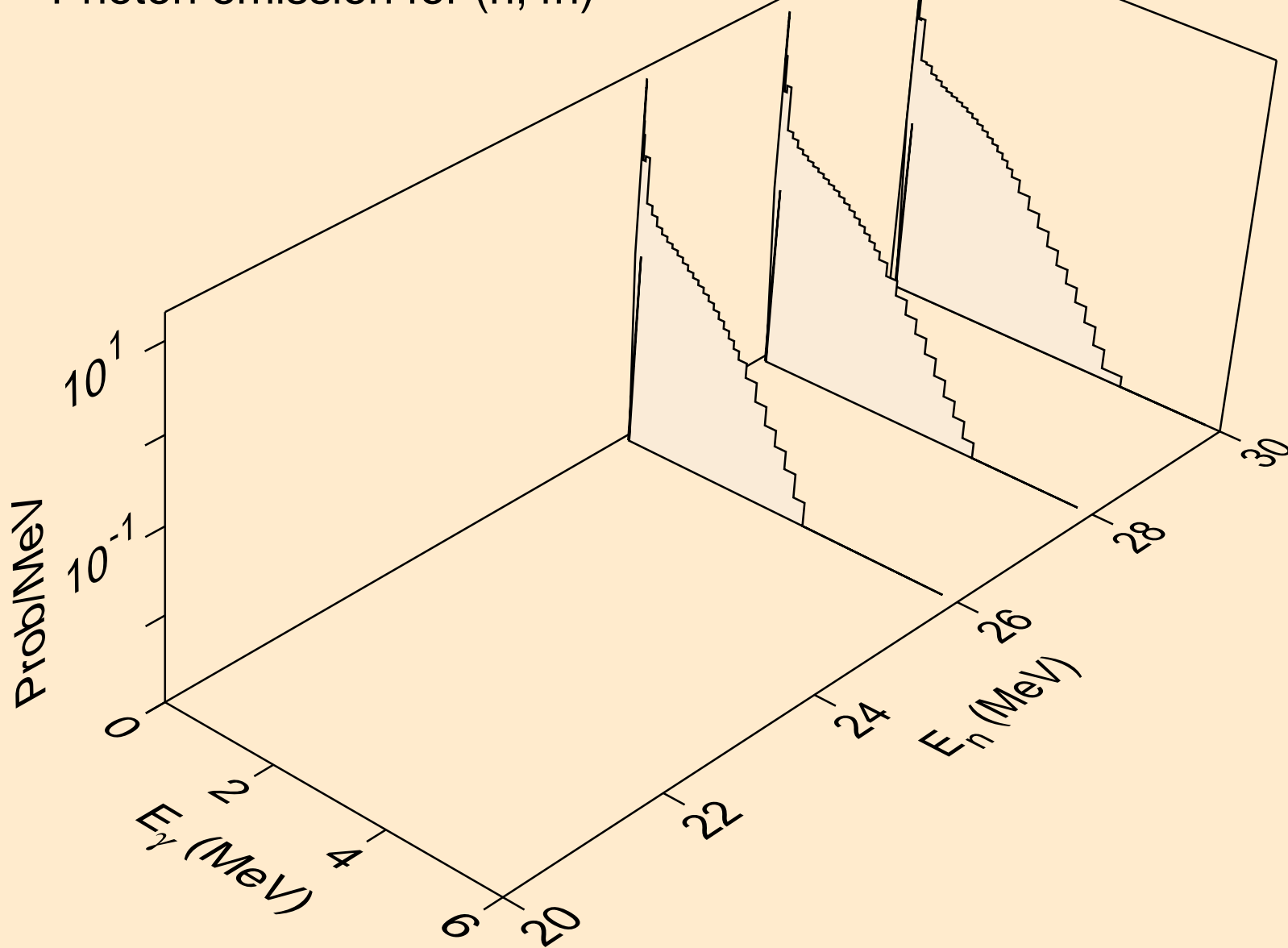
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



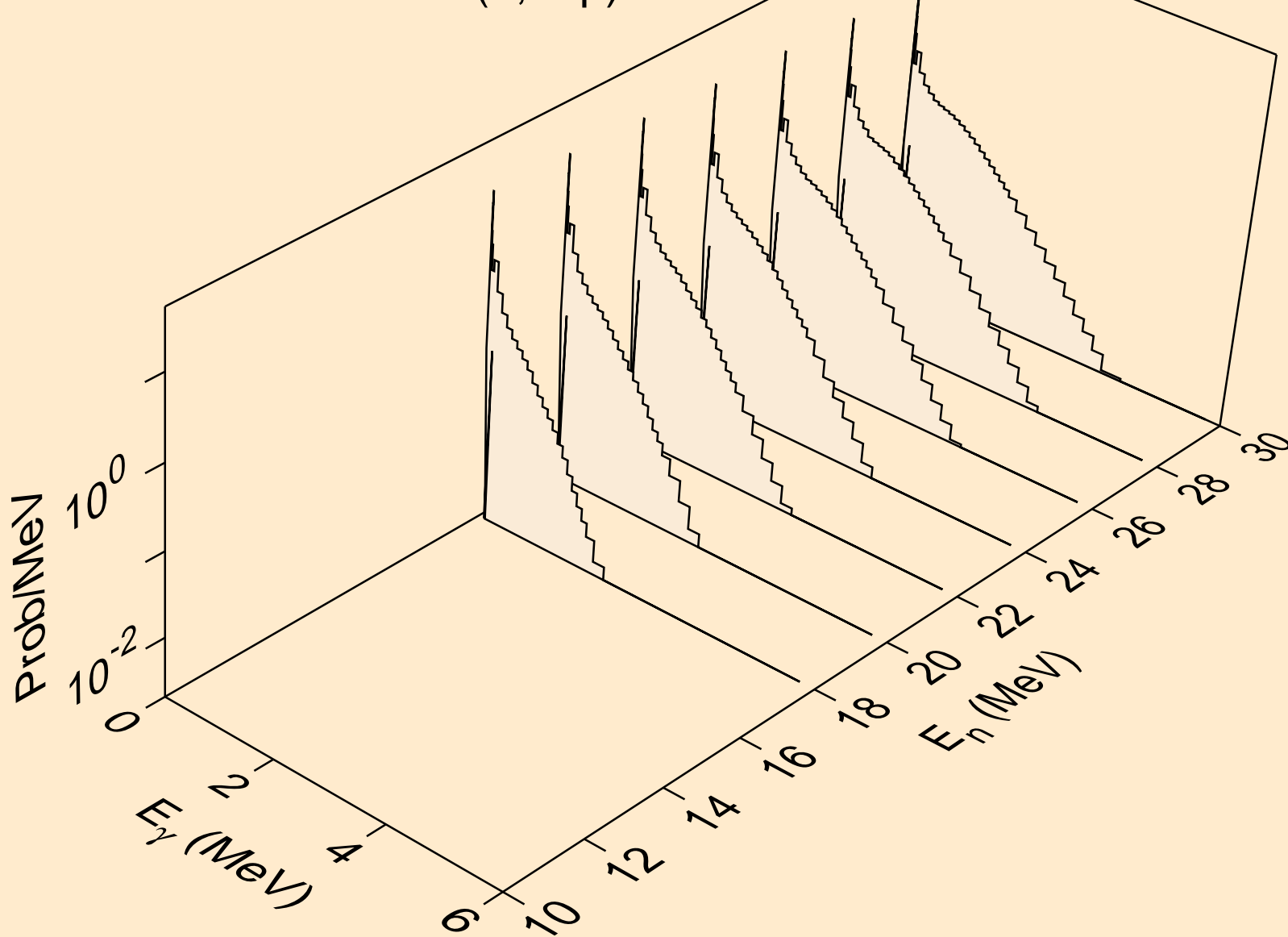
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



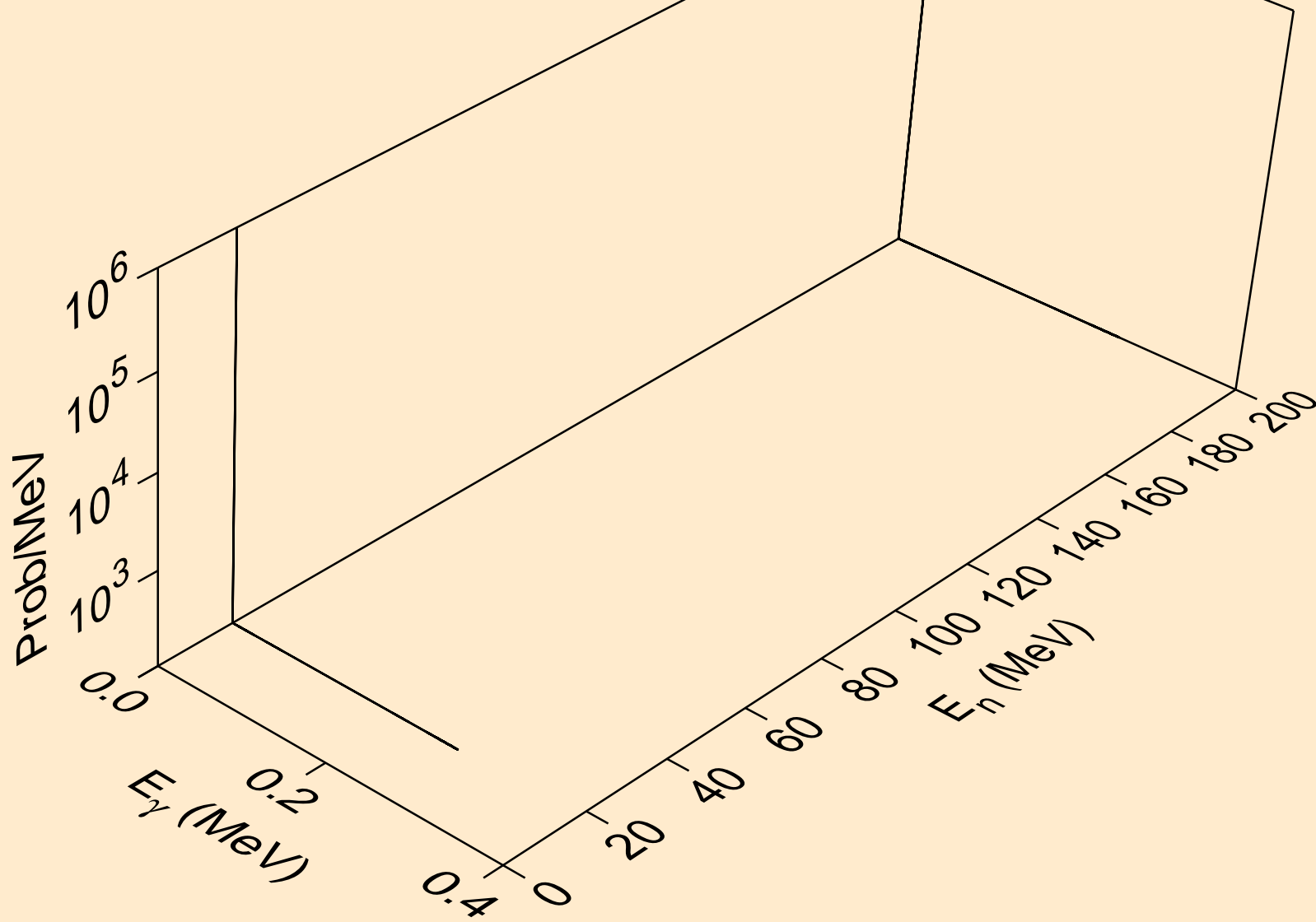
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



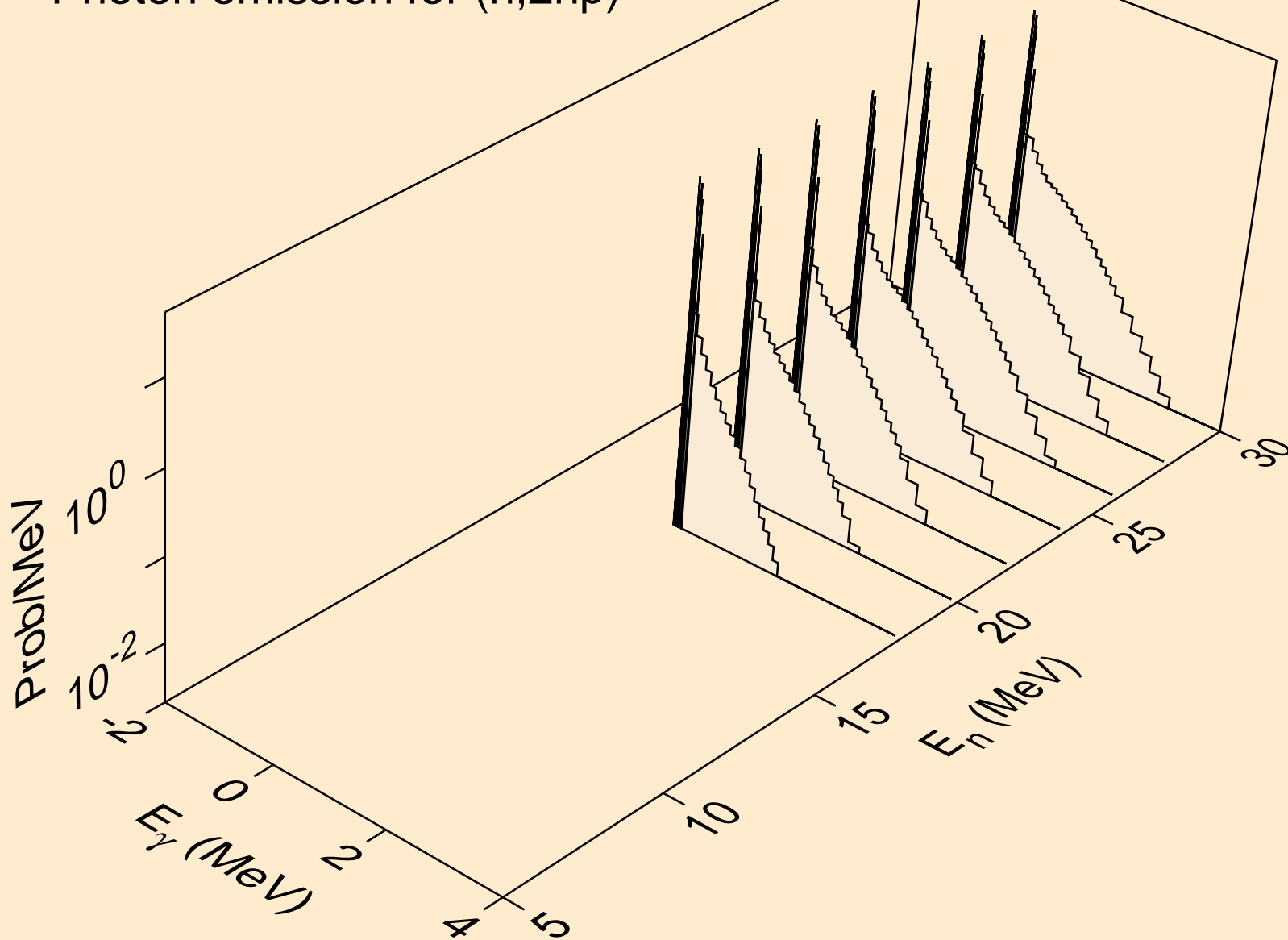
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



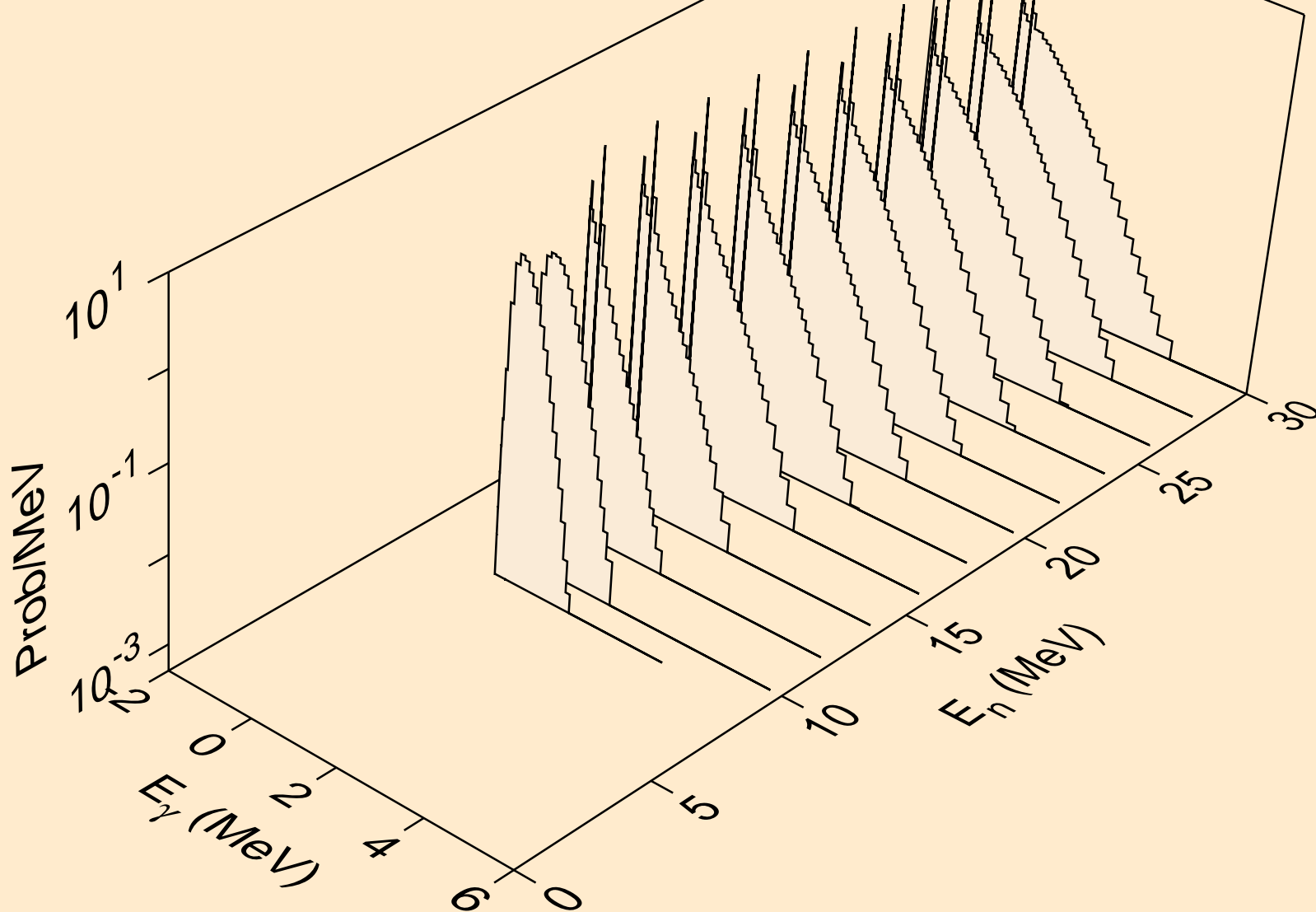
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



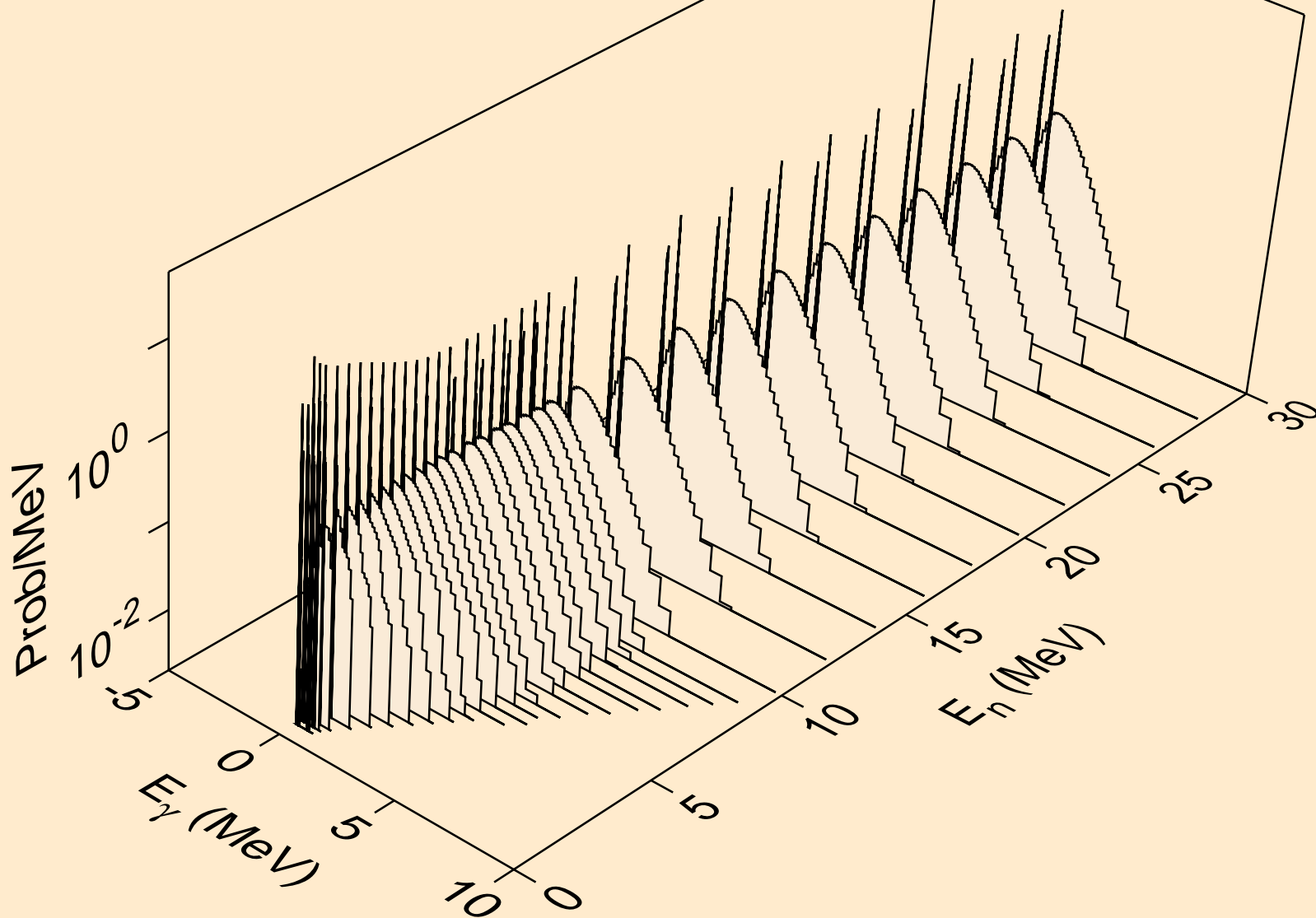
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



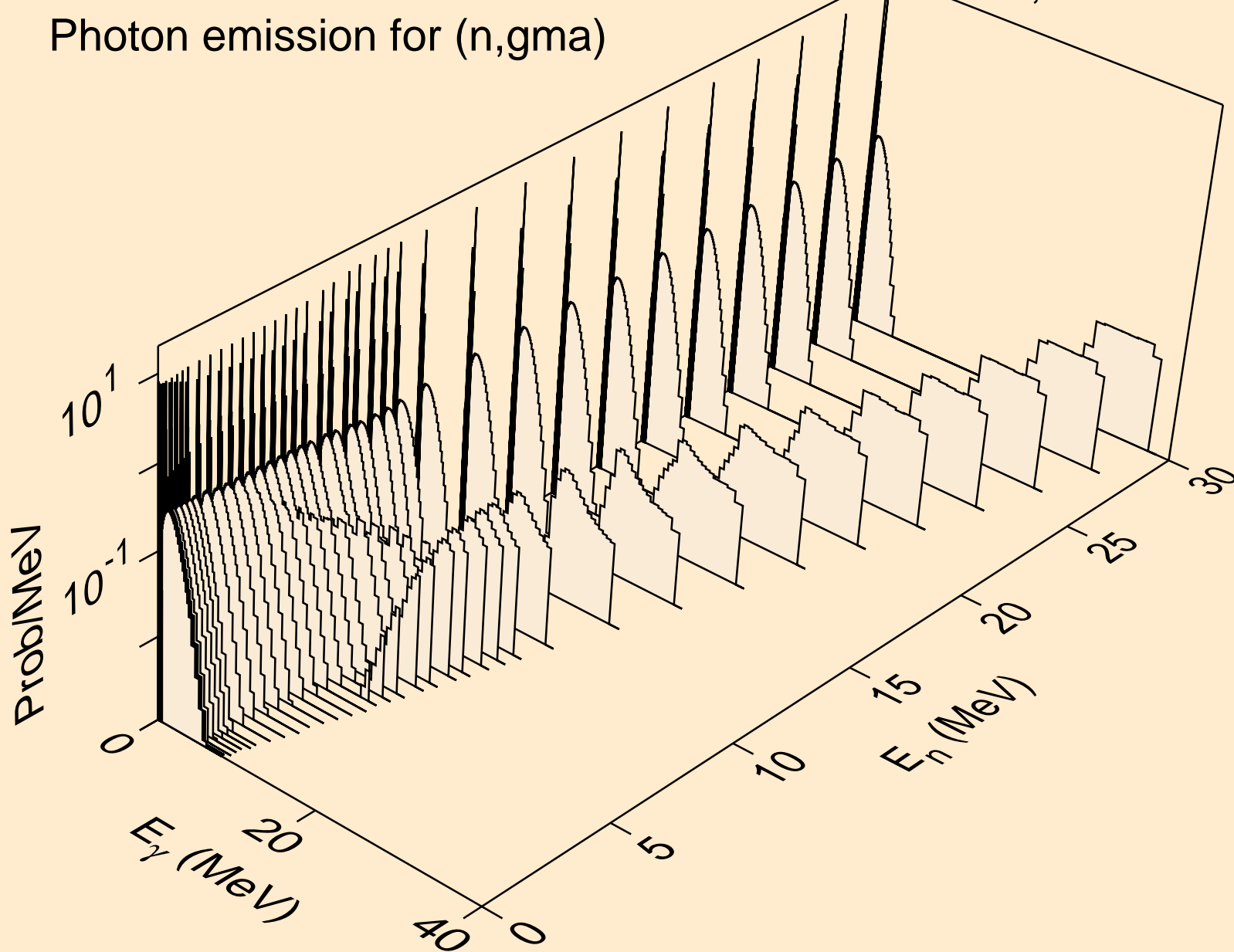
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



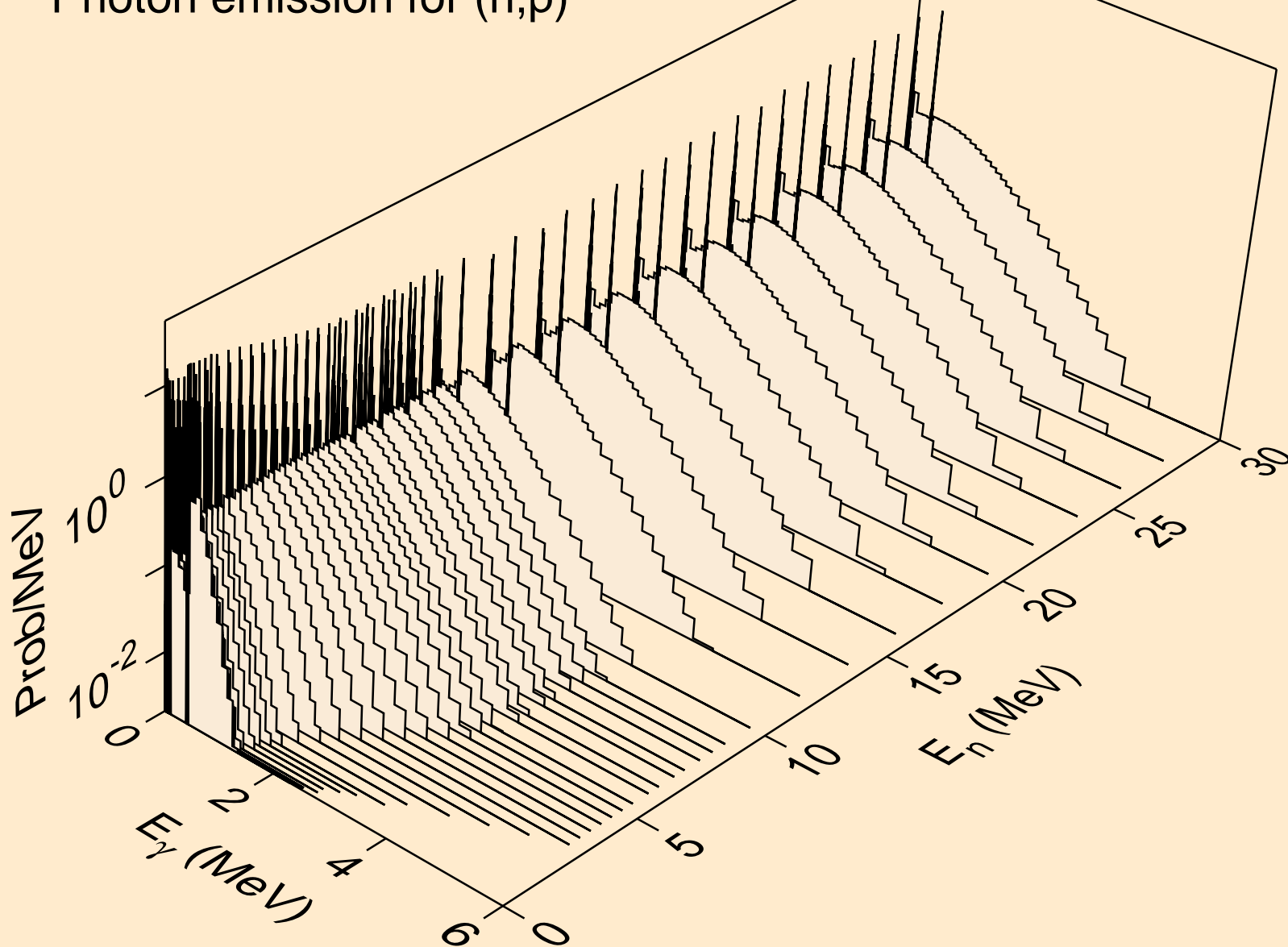
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



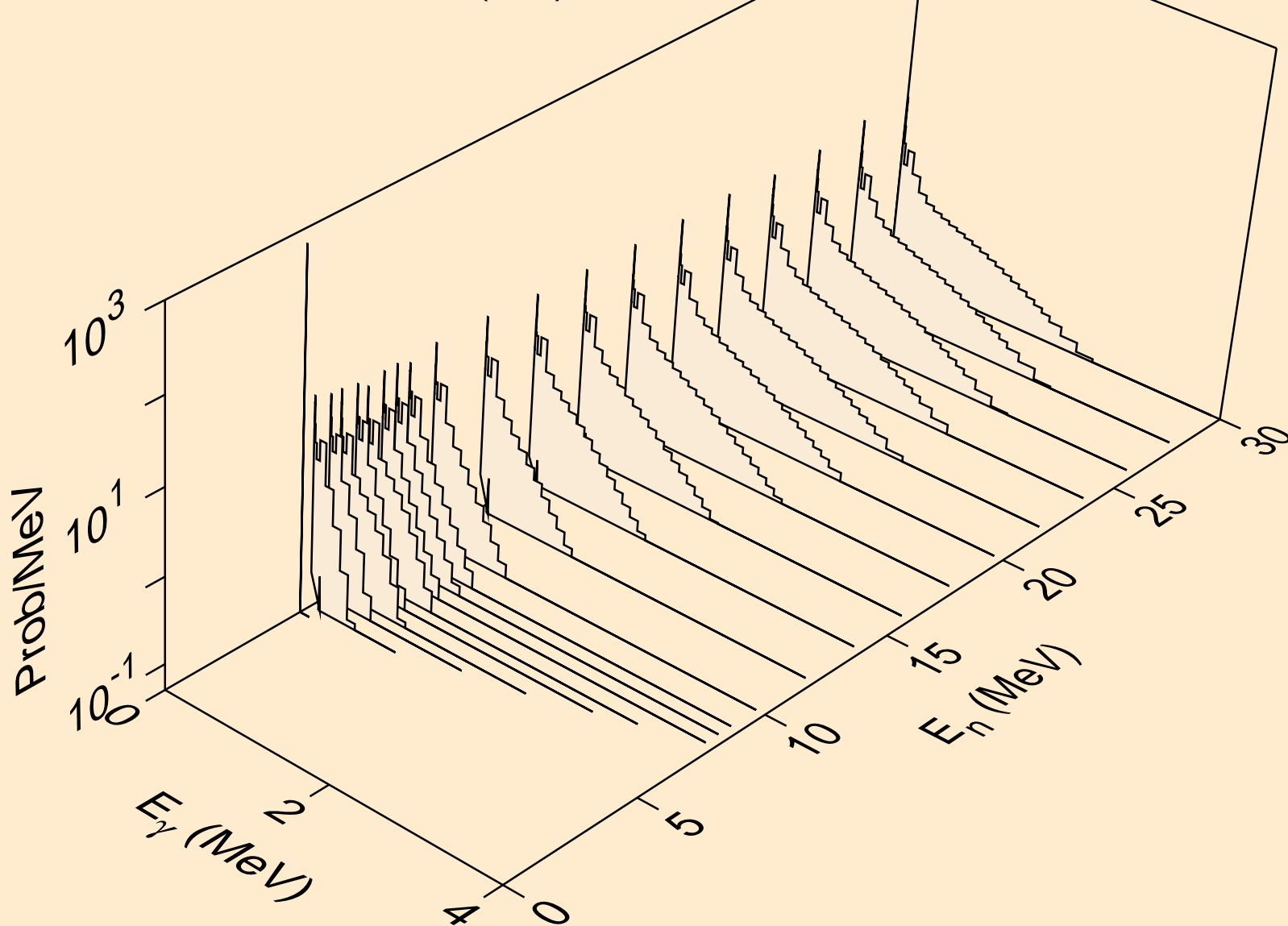
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



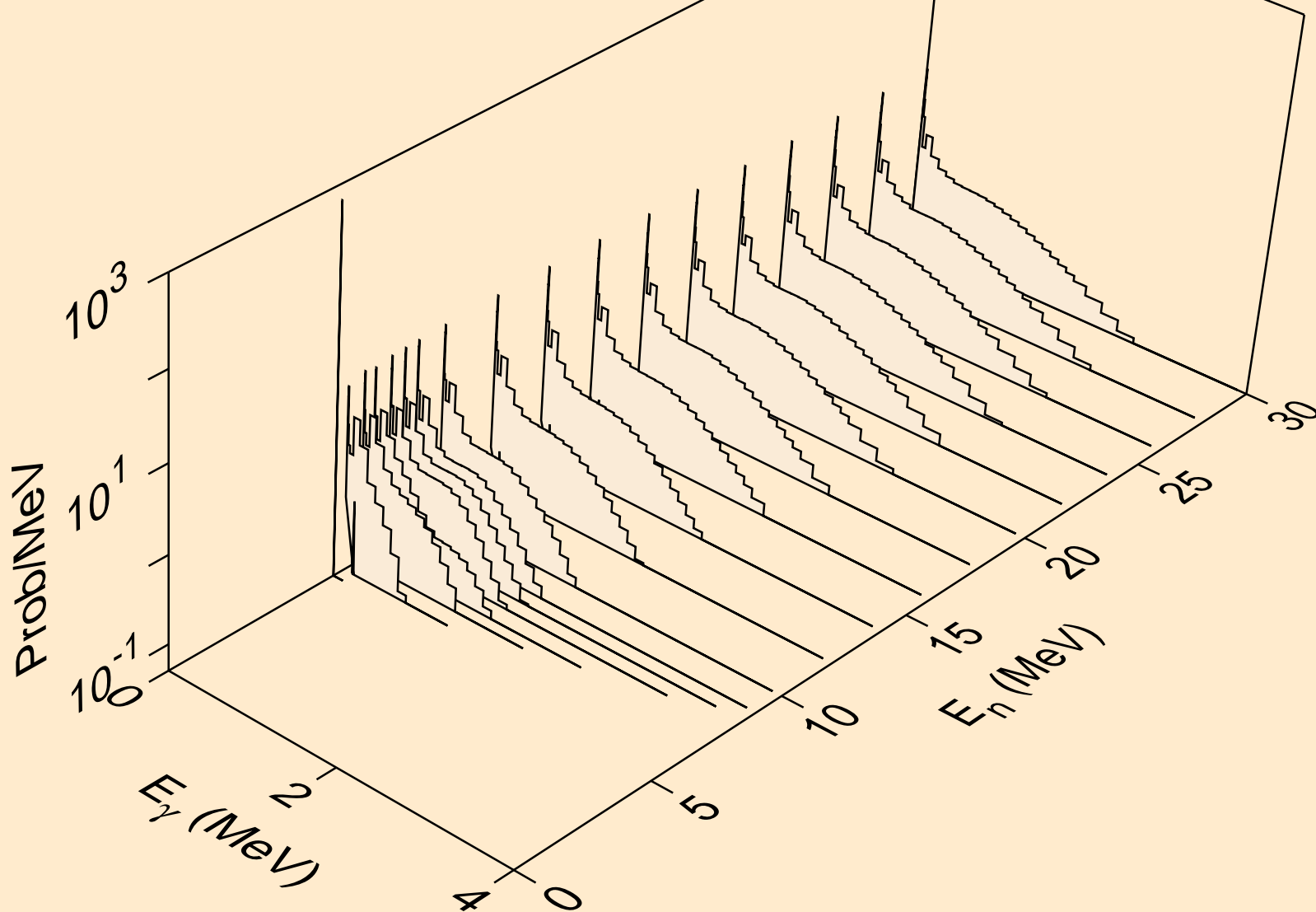
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



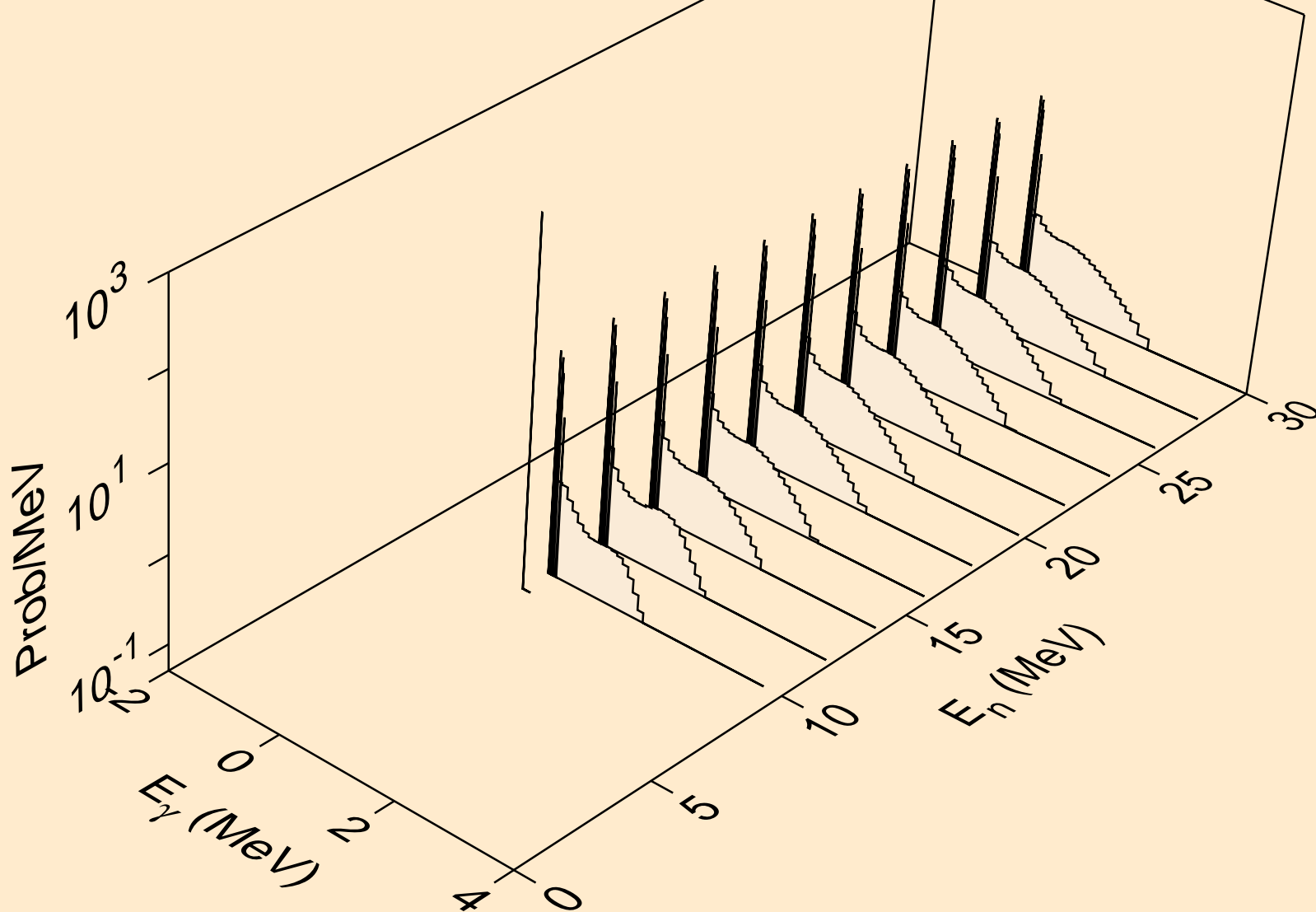
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



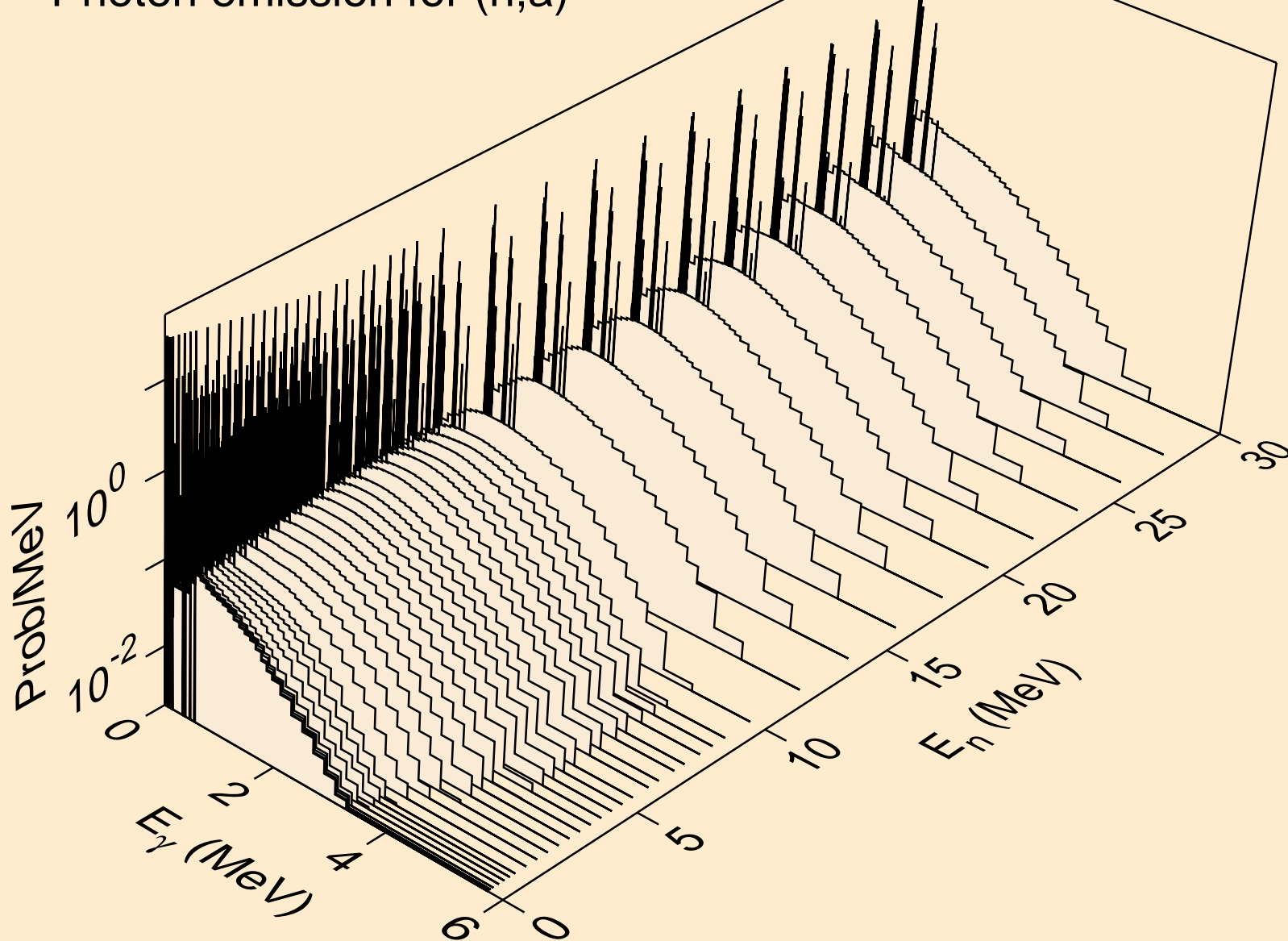
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



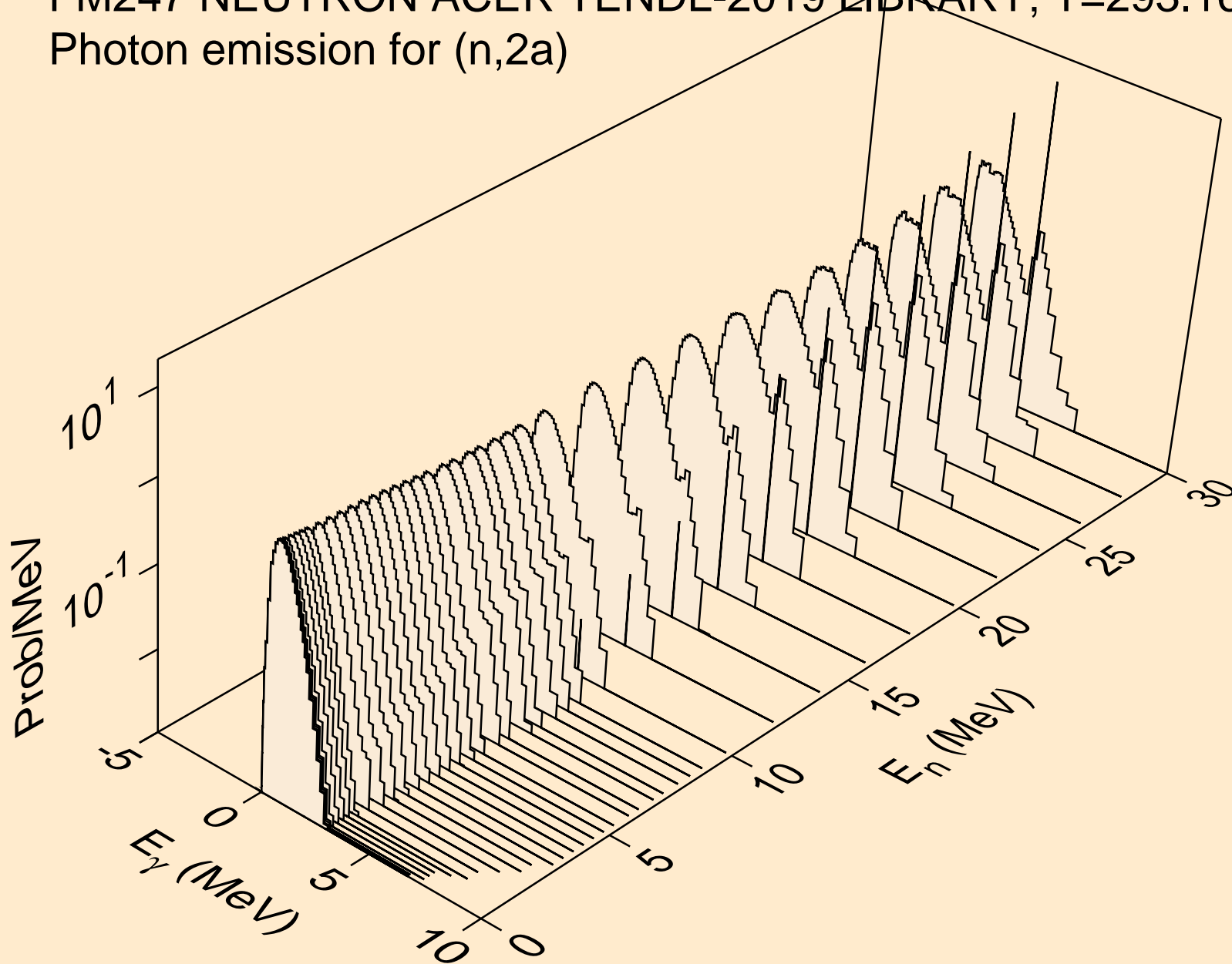
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



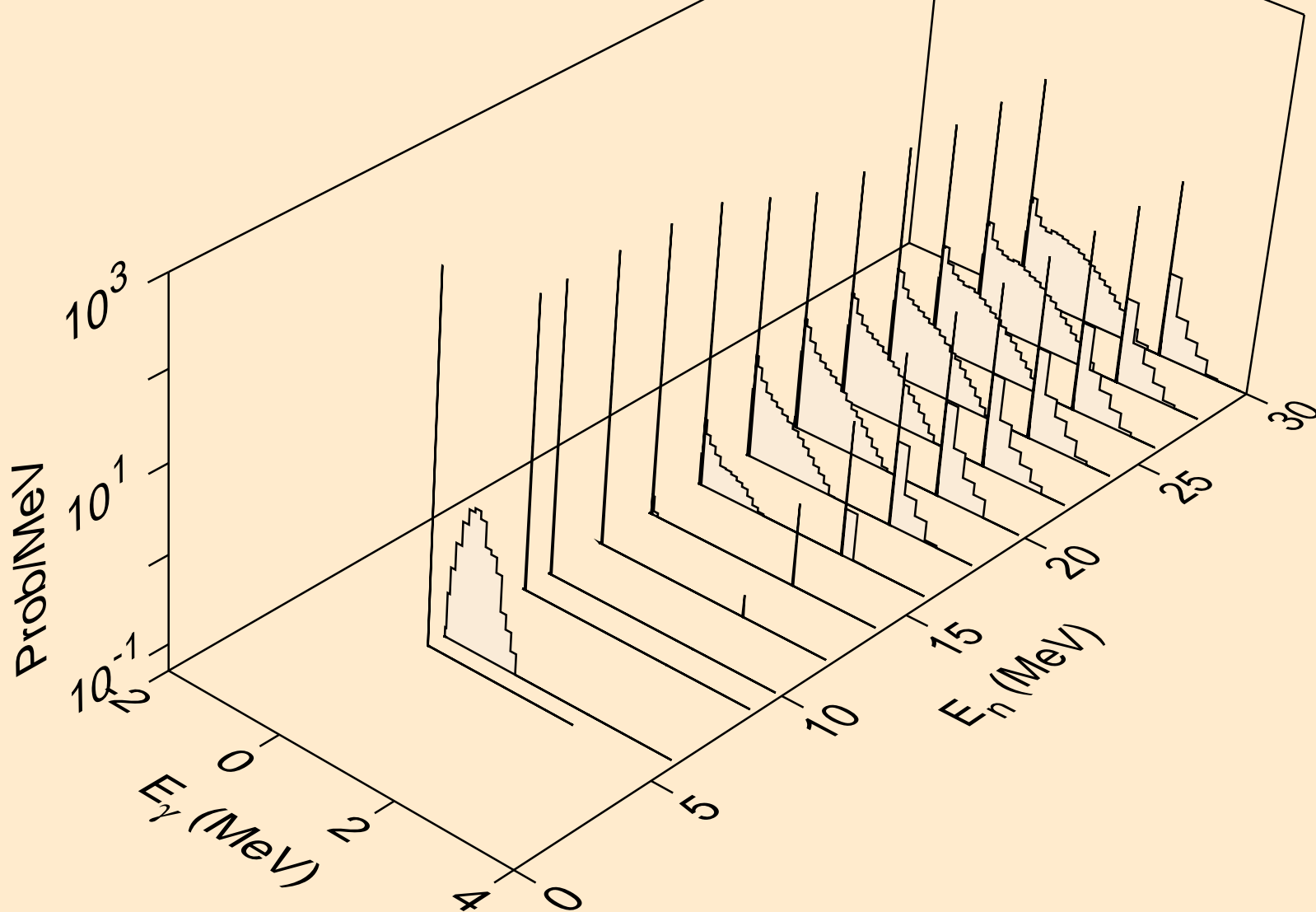
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



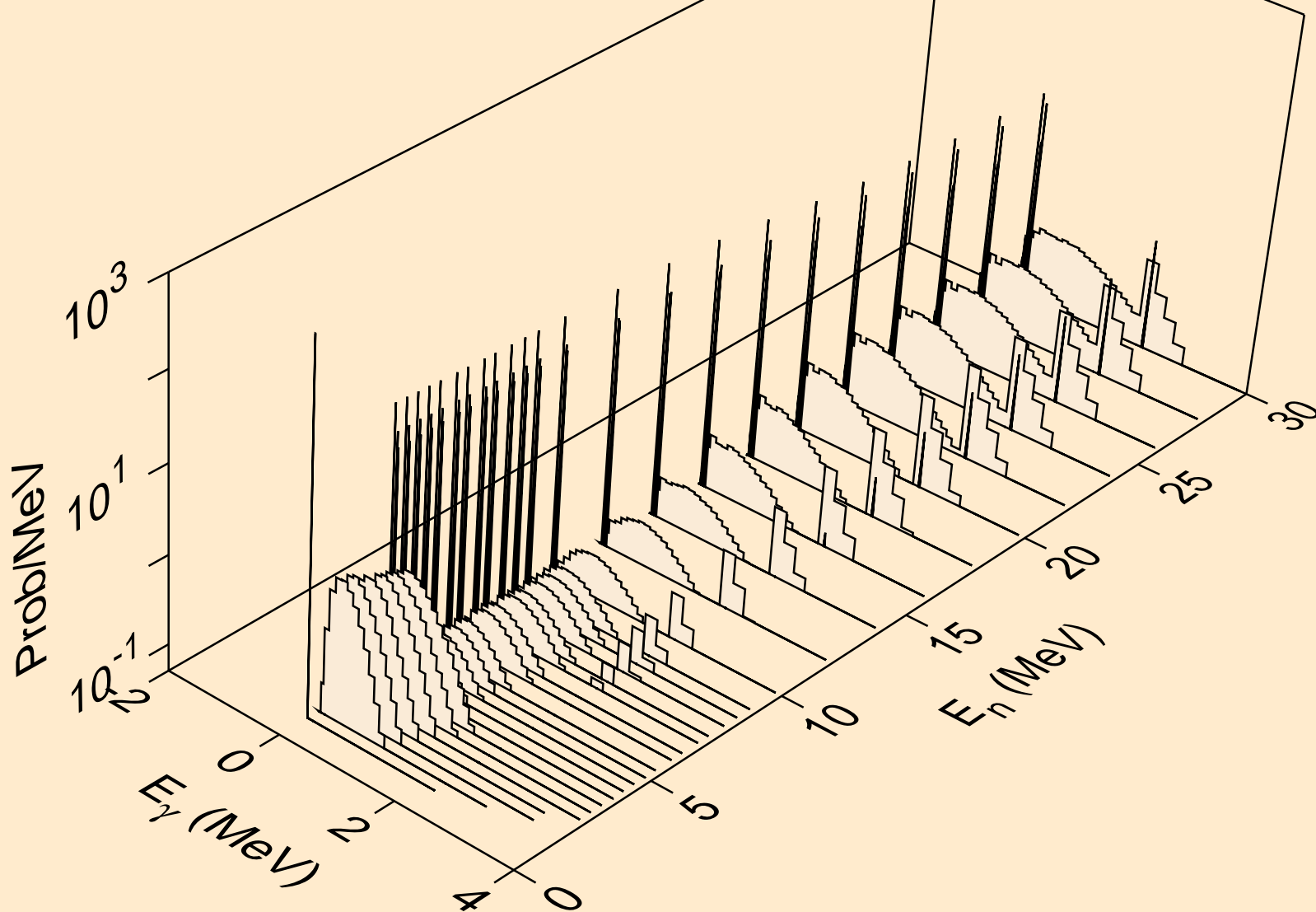
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



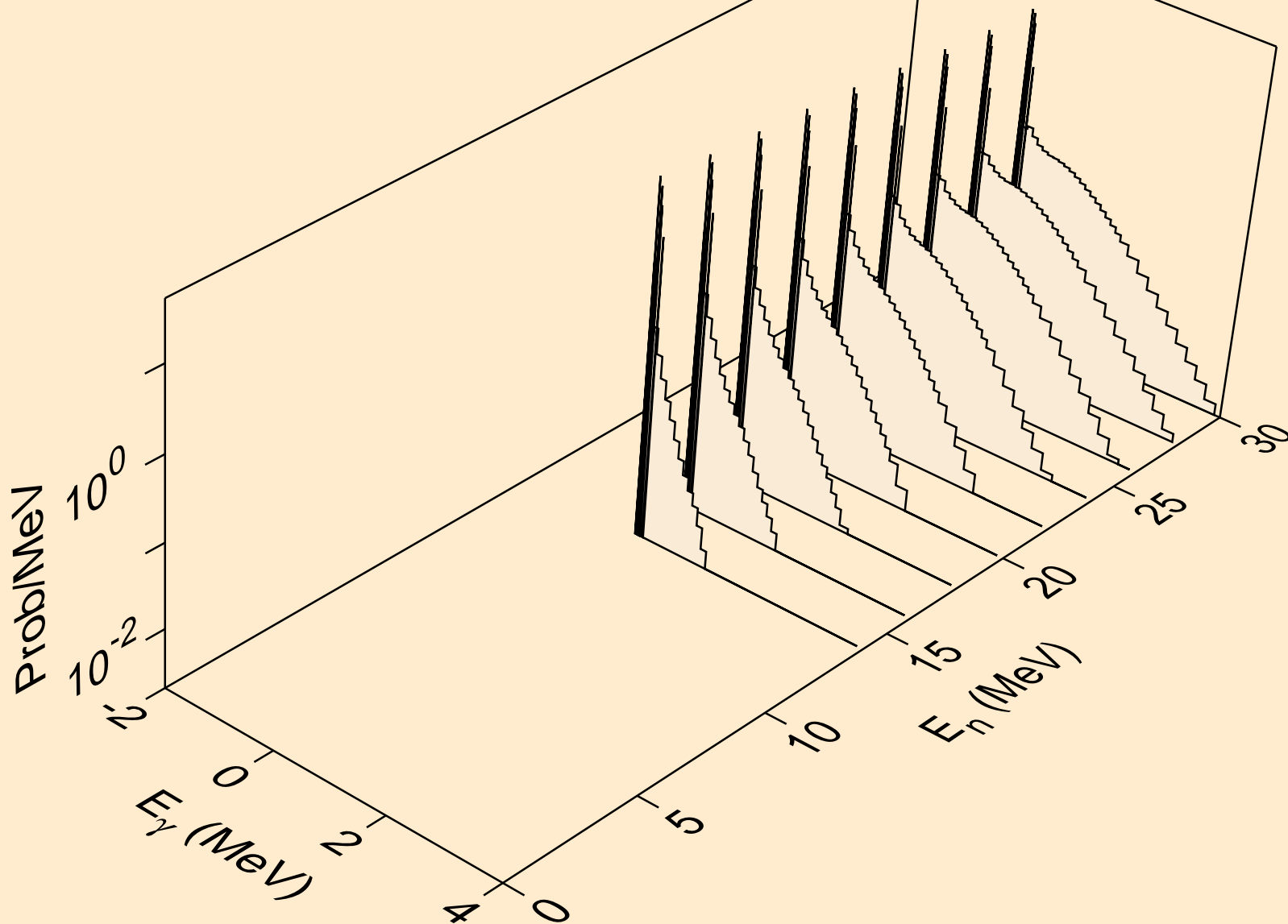
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



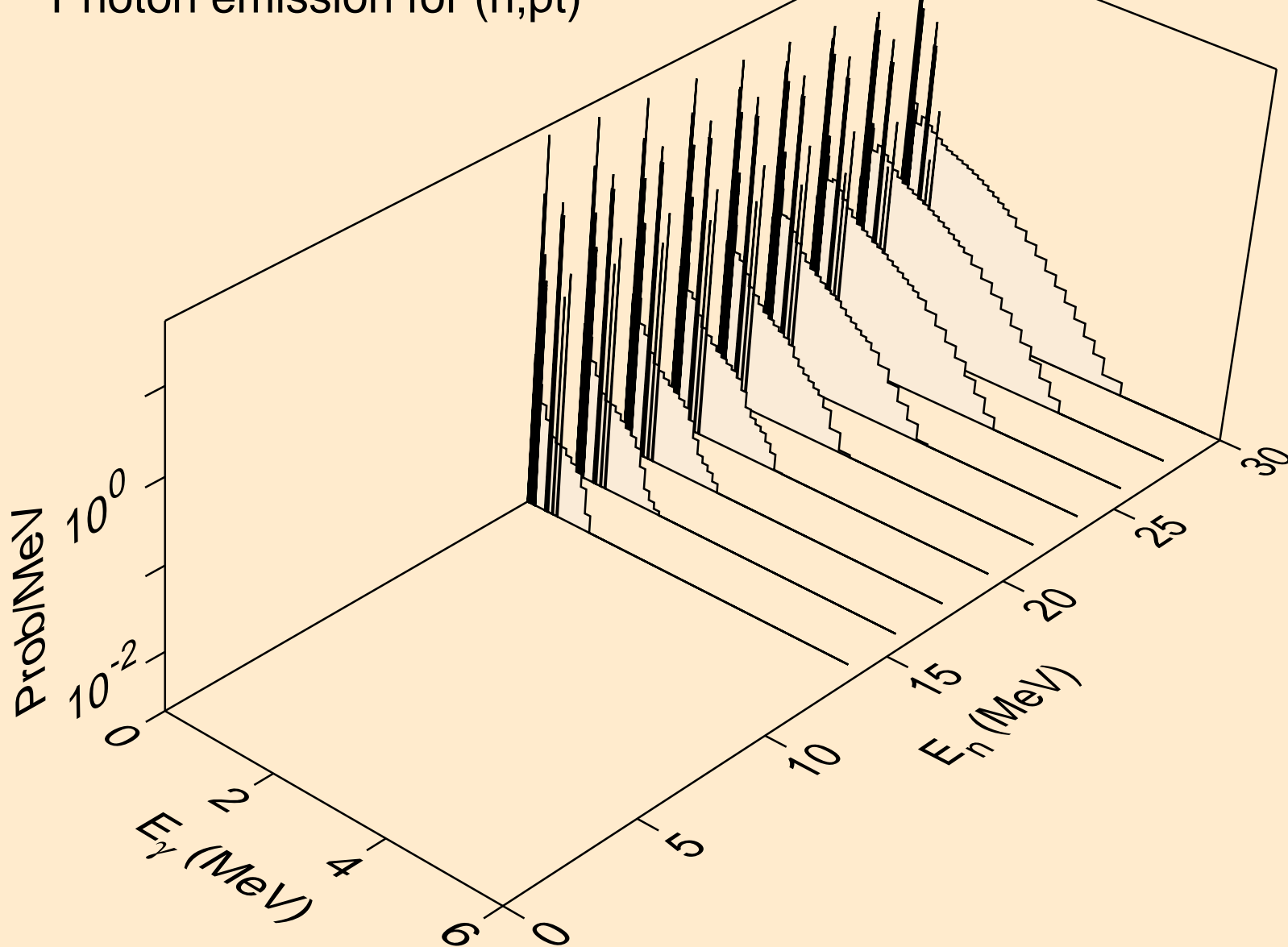
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



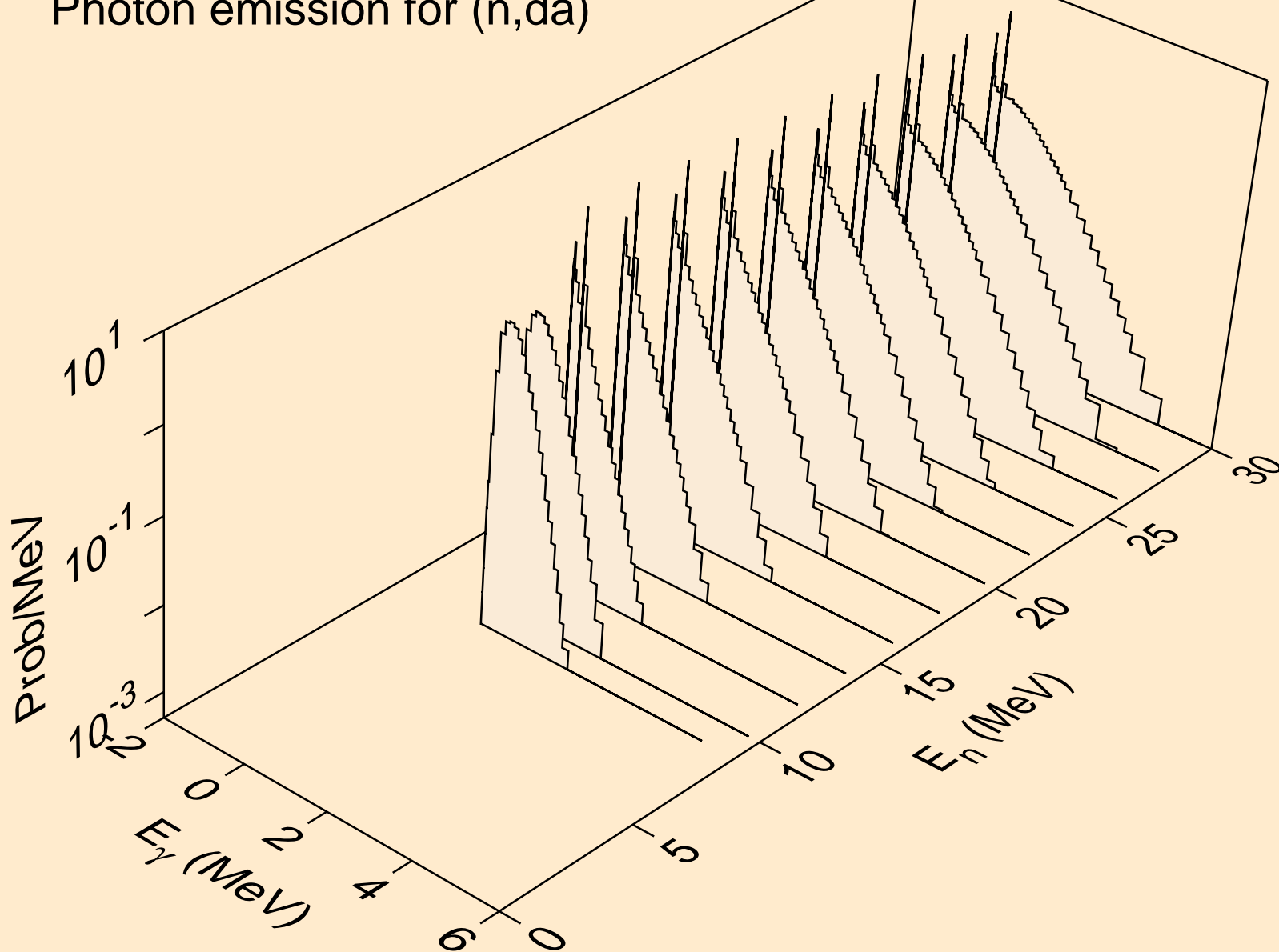
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



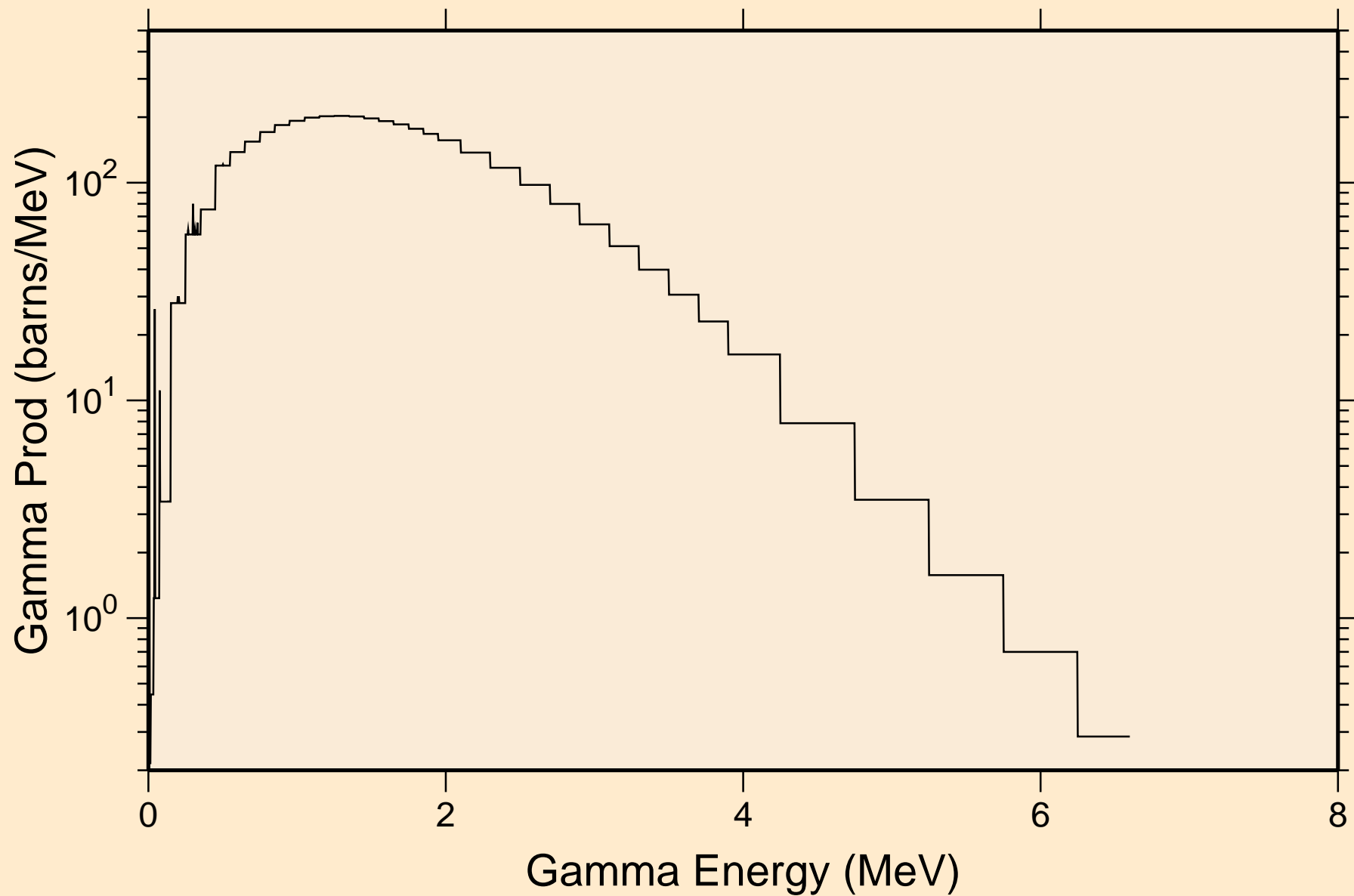
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



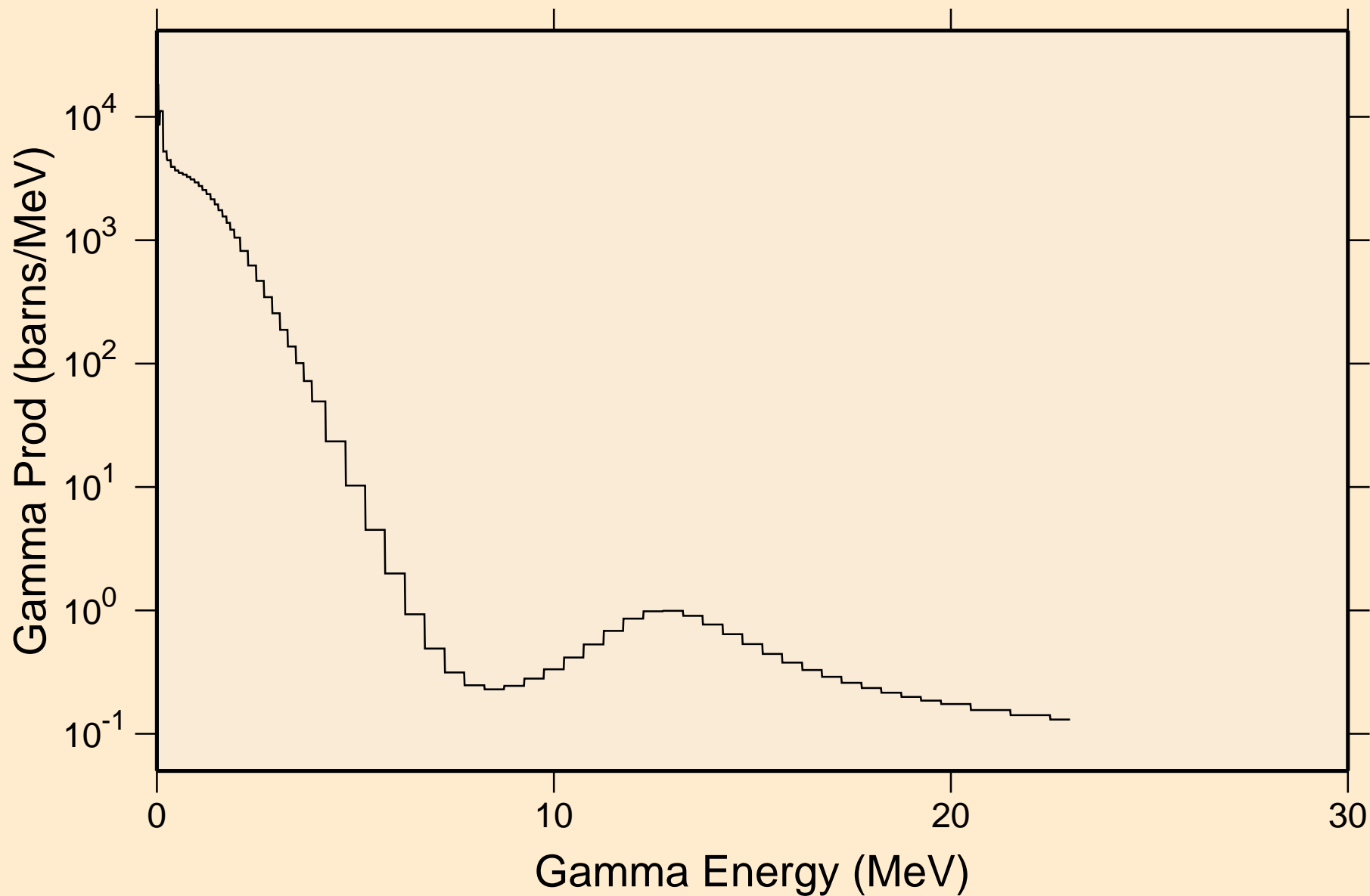
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



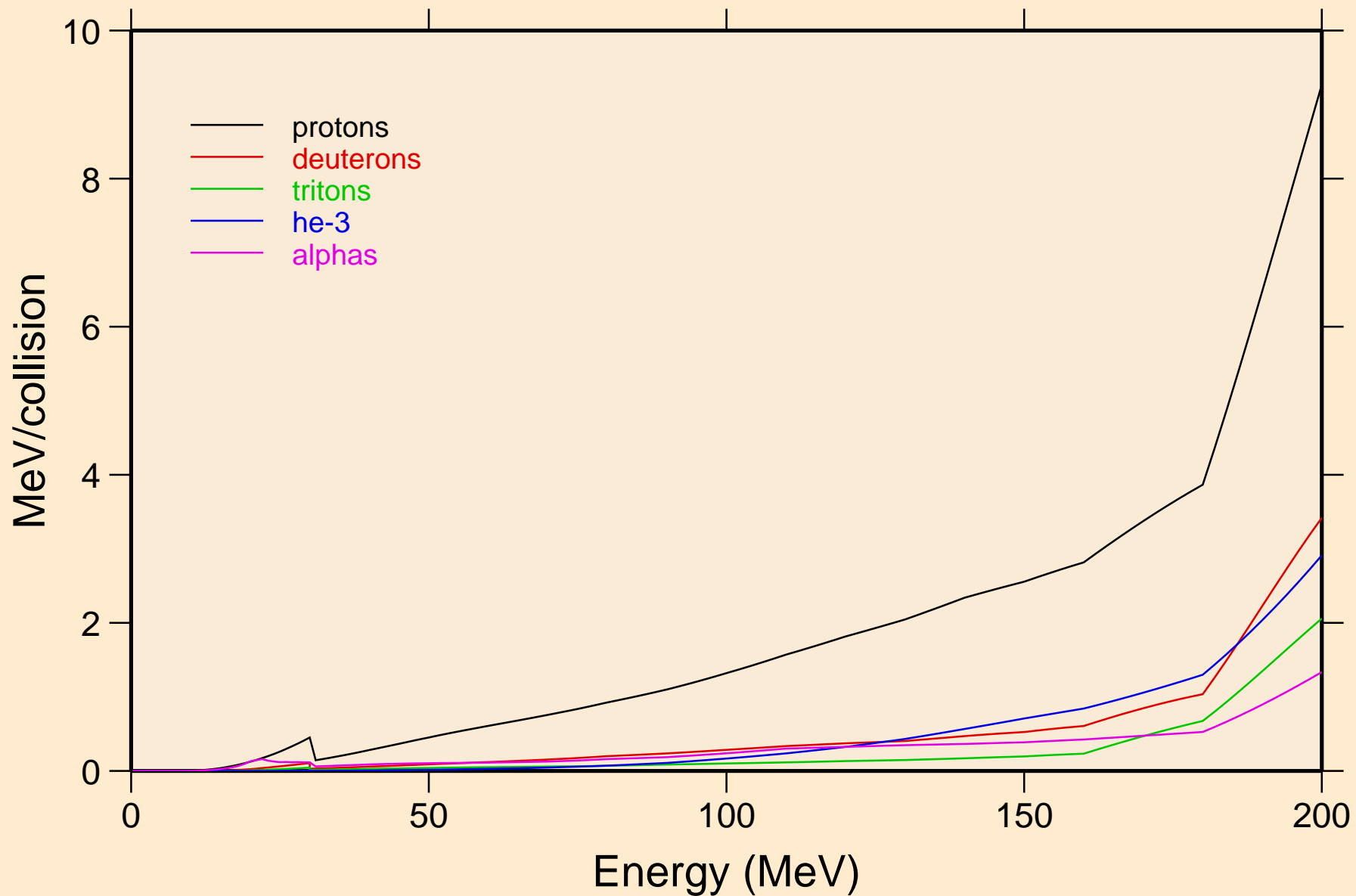
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



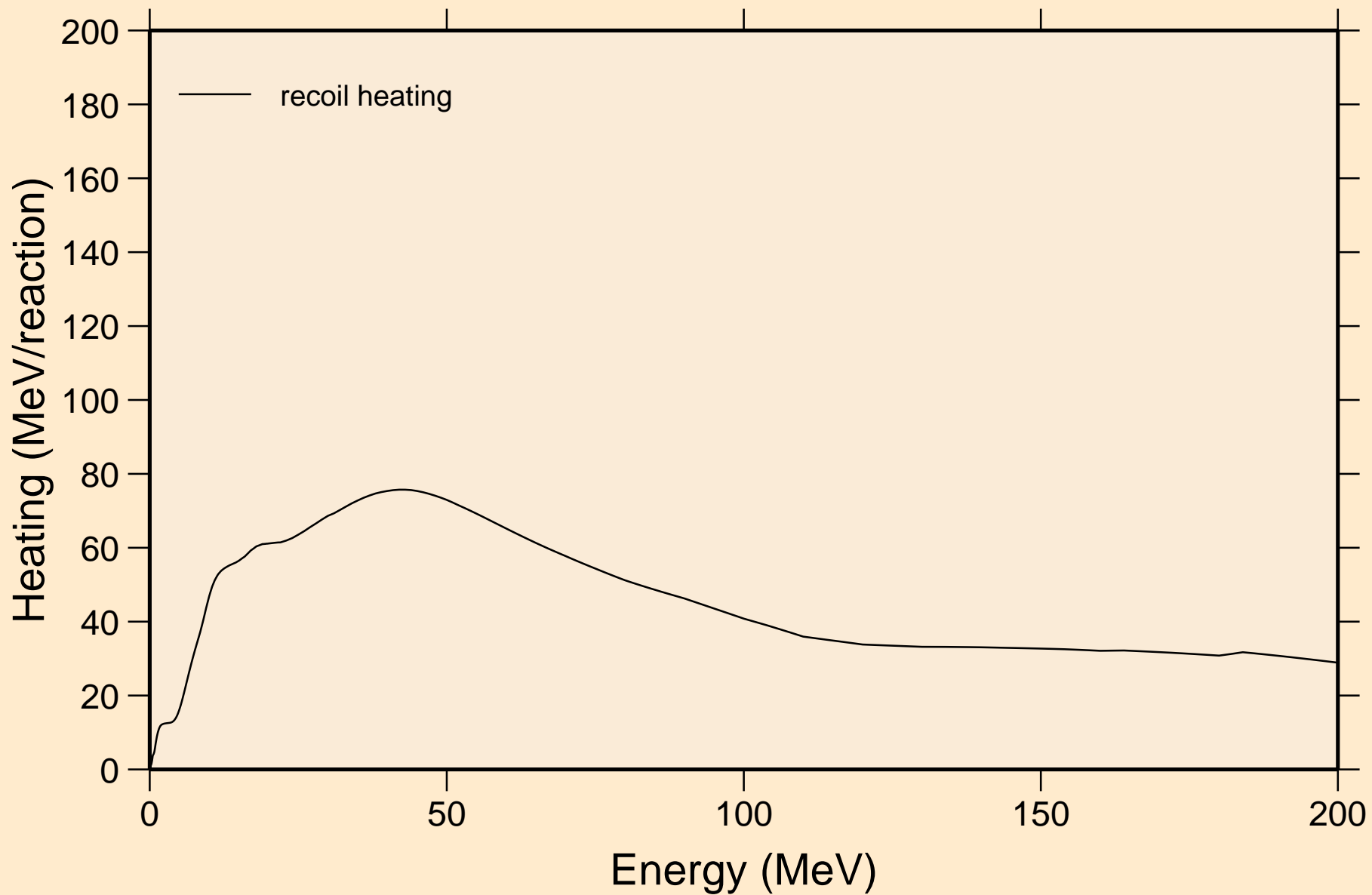
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



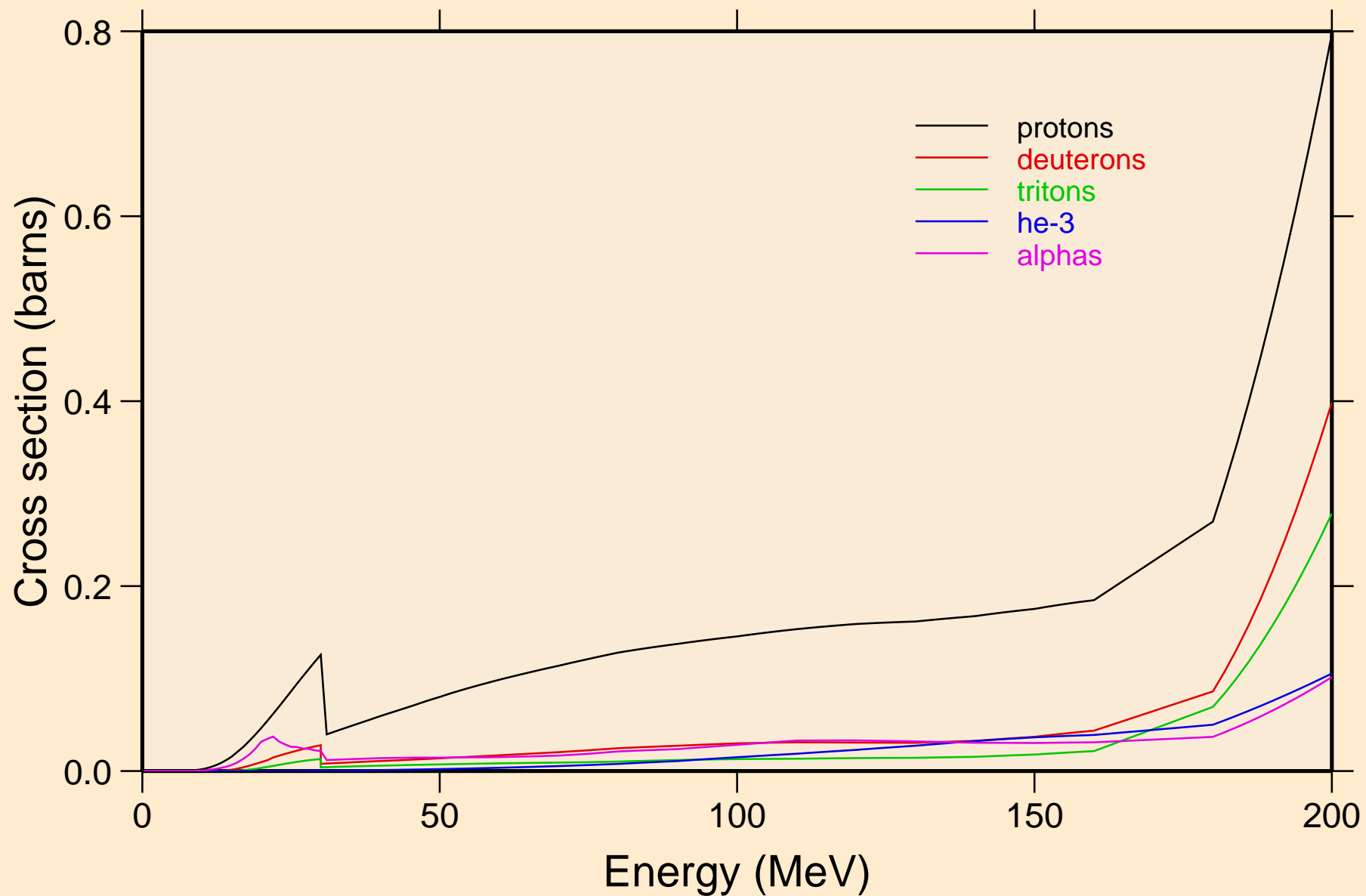
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions



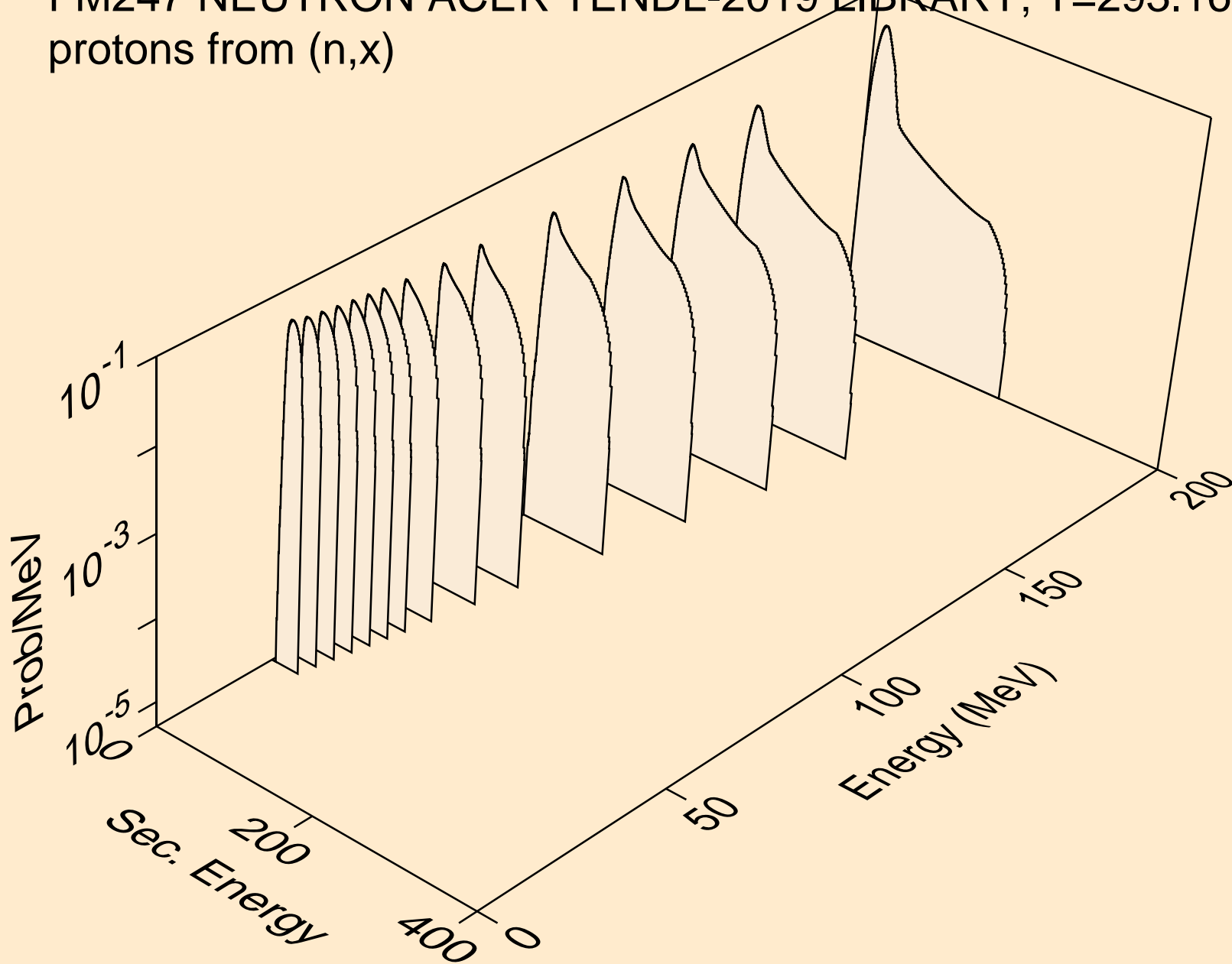
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



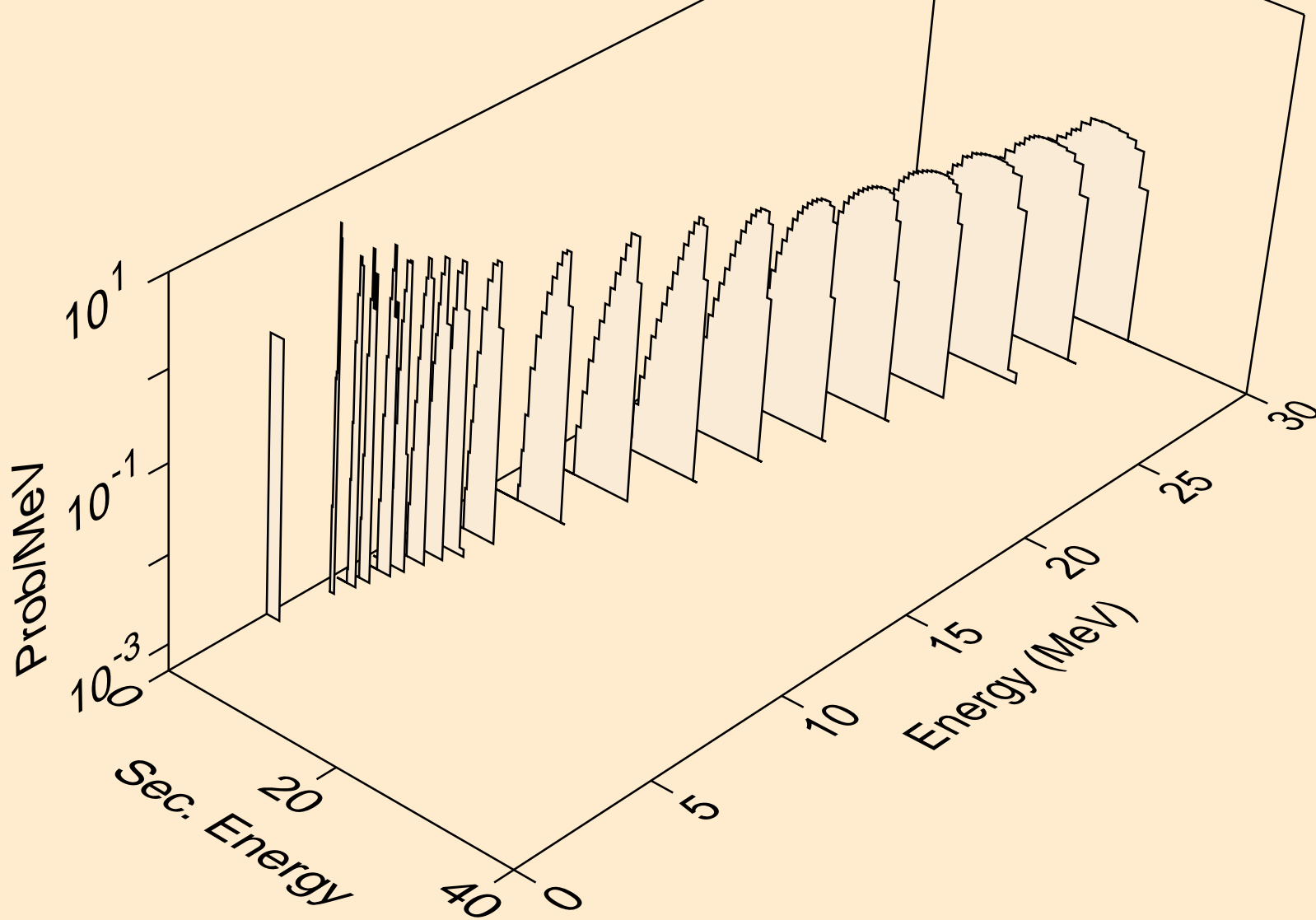
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



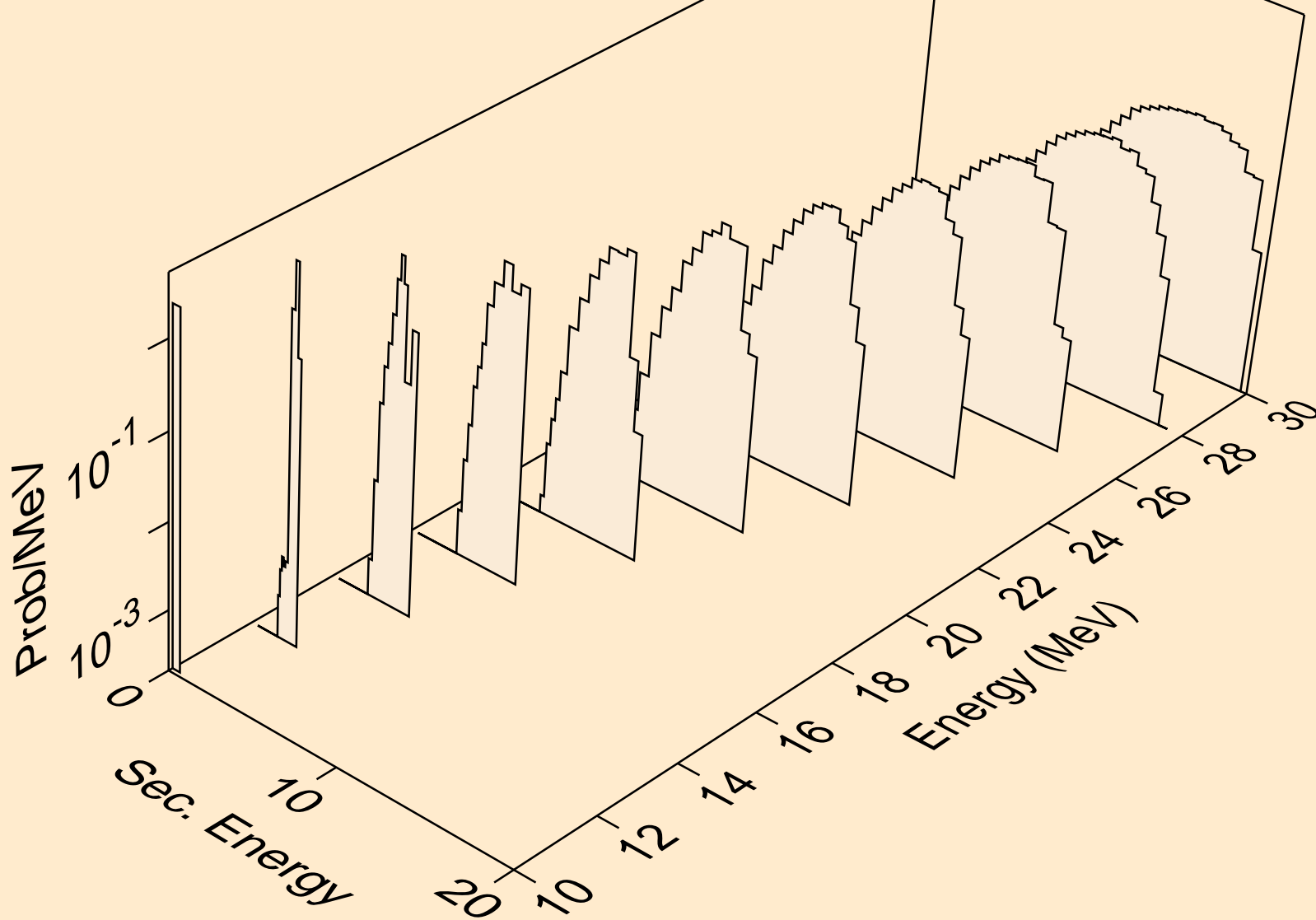
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



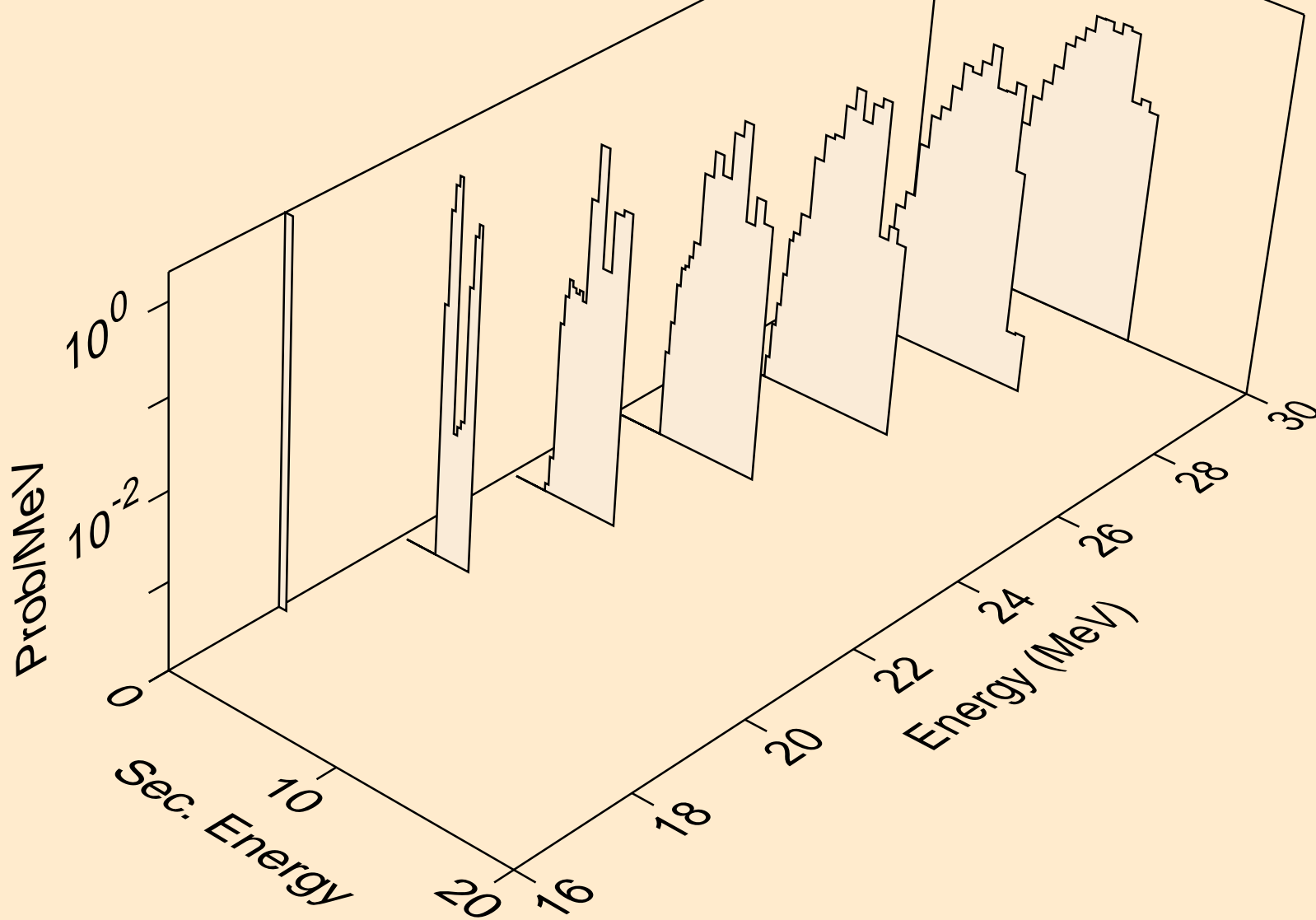
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



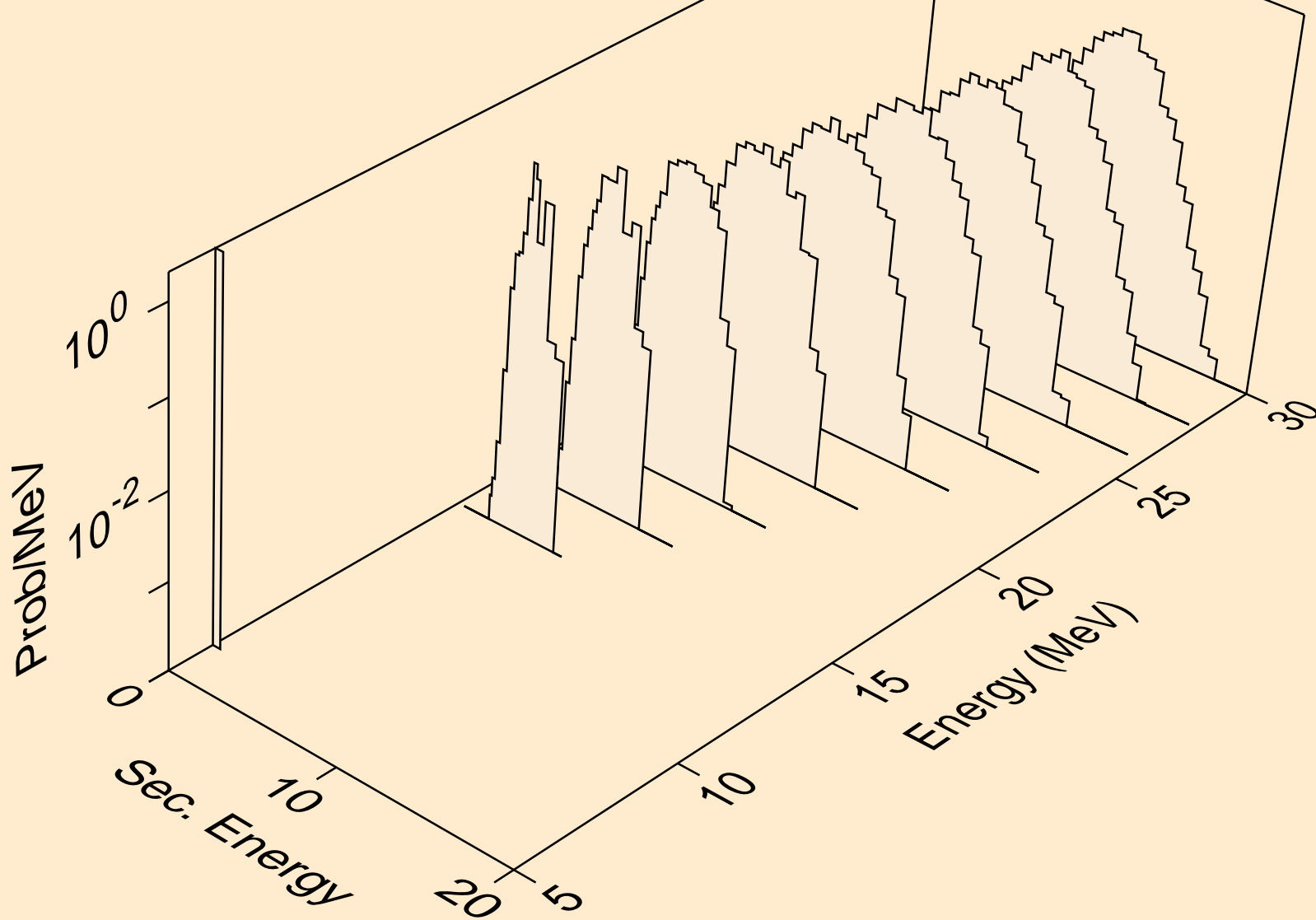
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



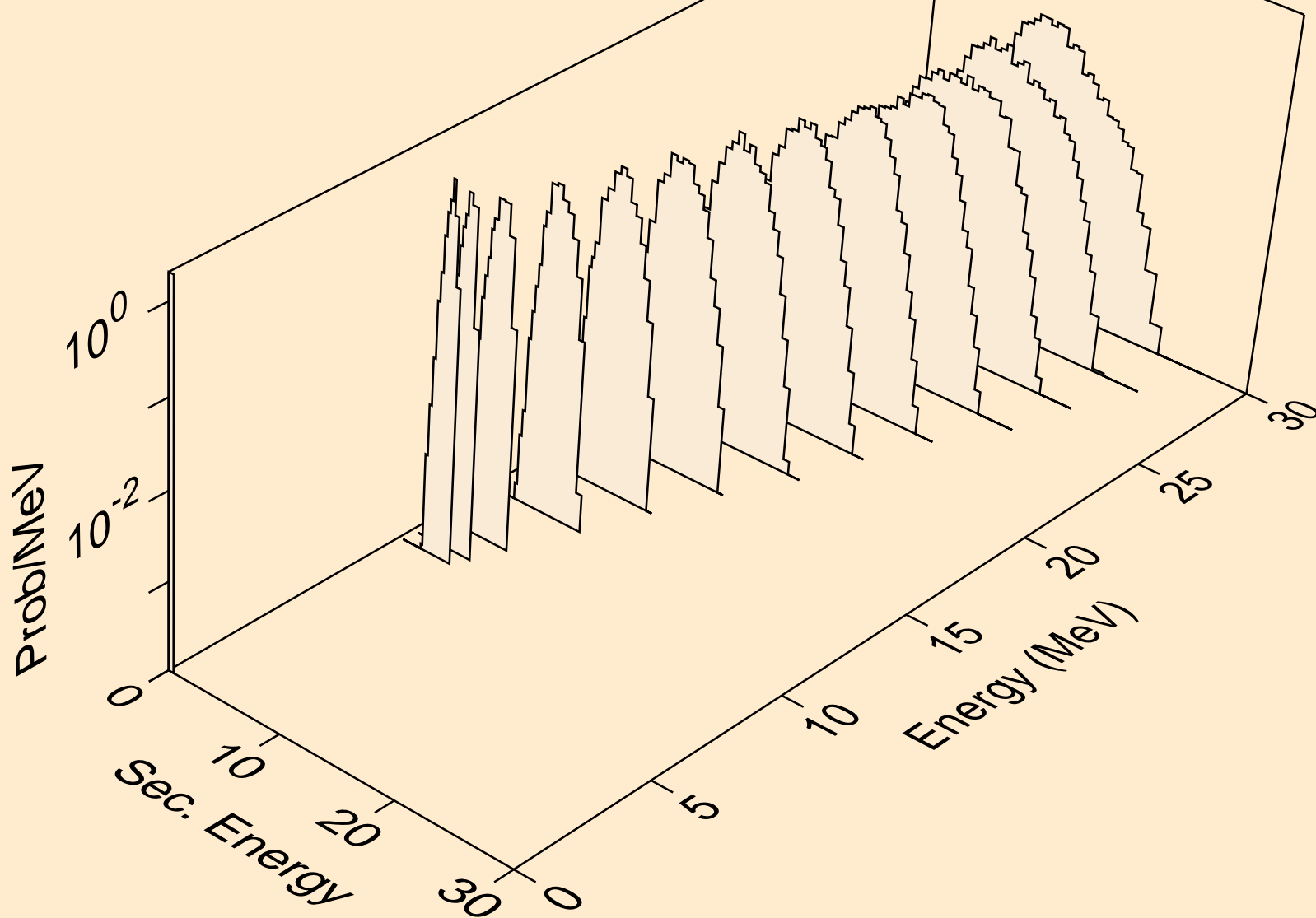
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



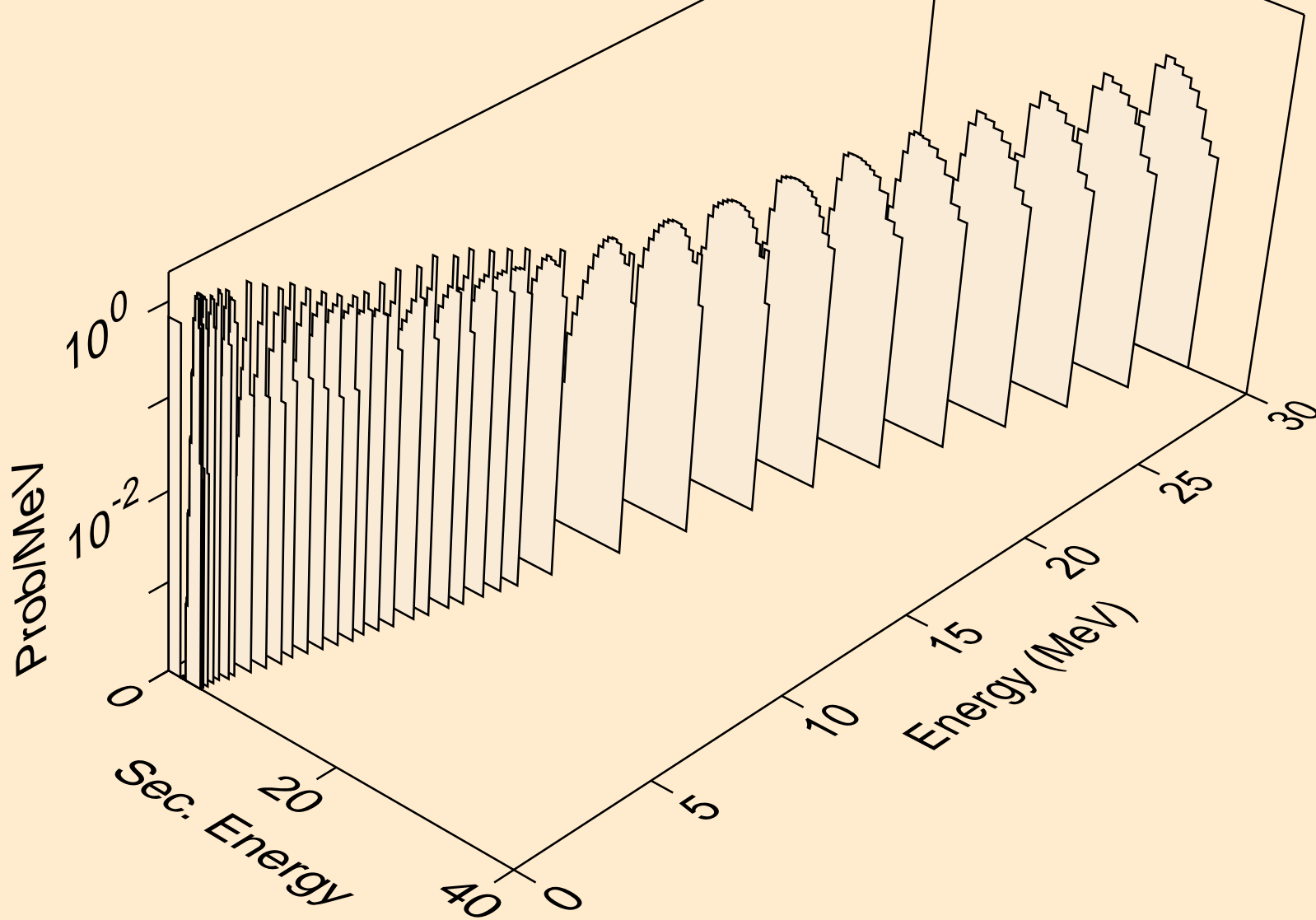
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



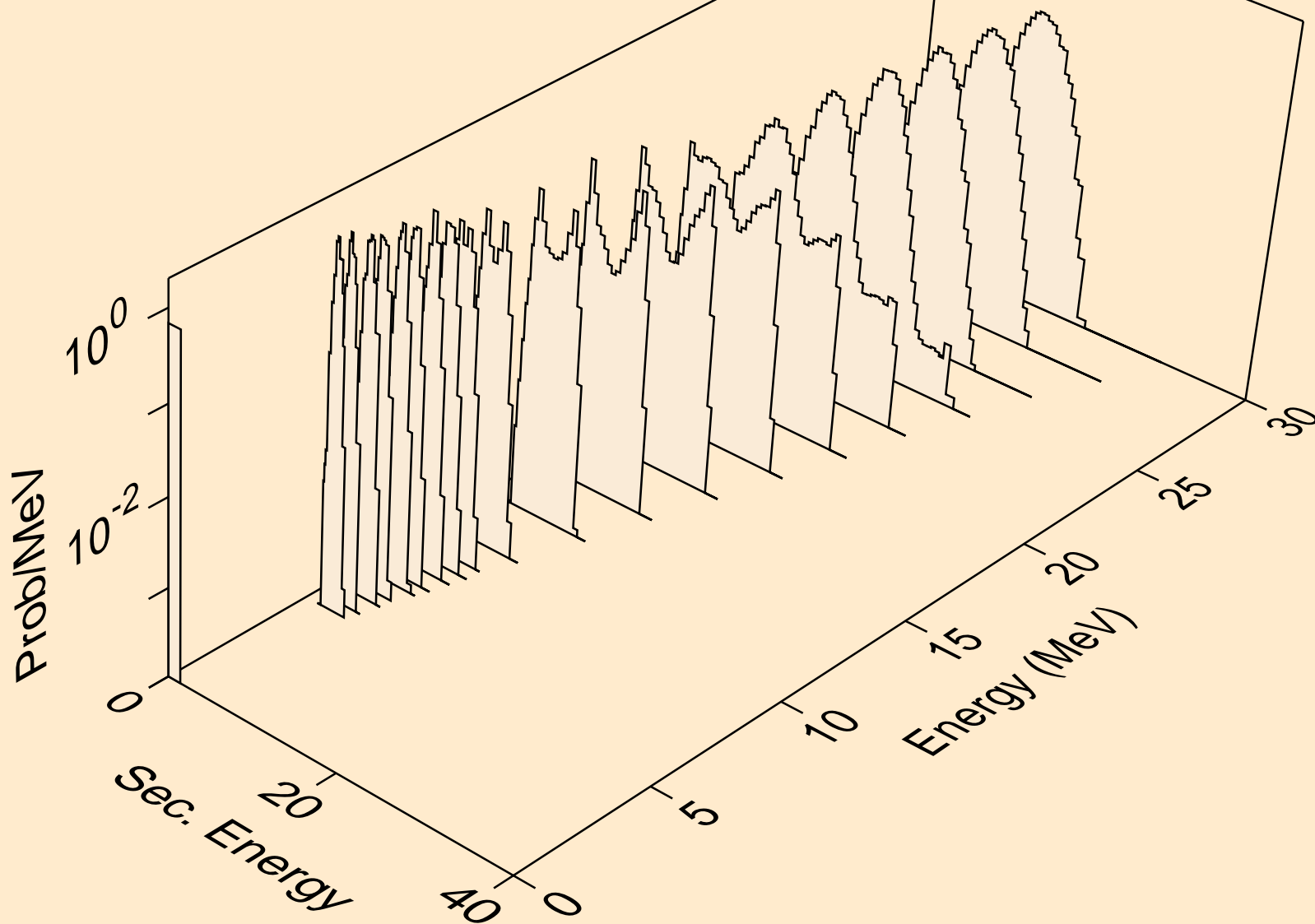
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



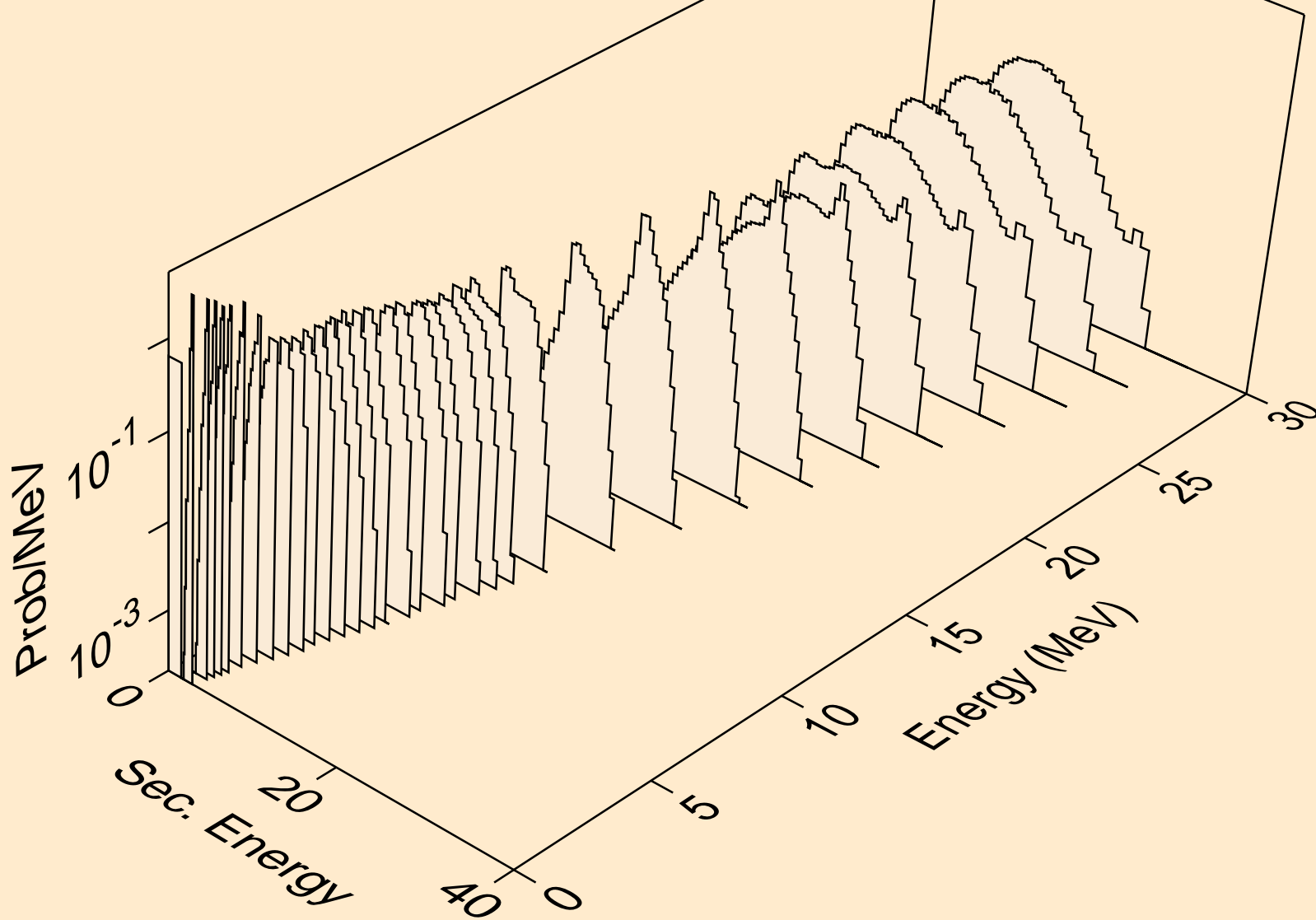
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



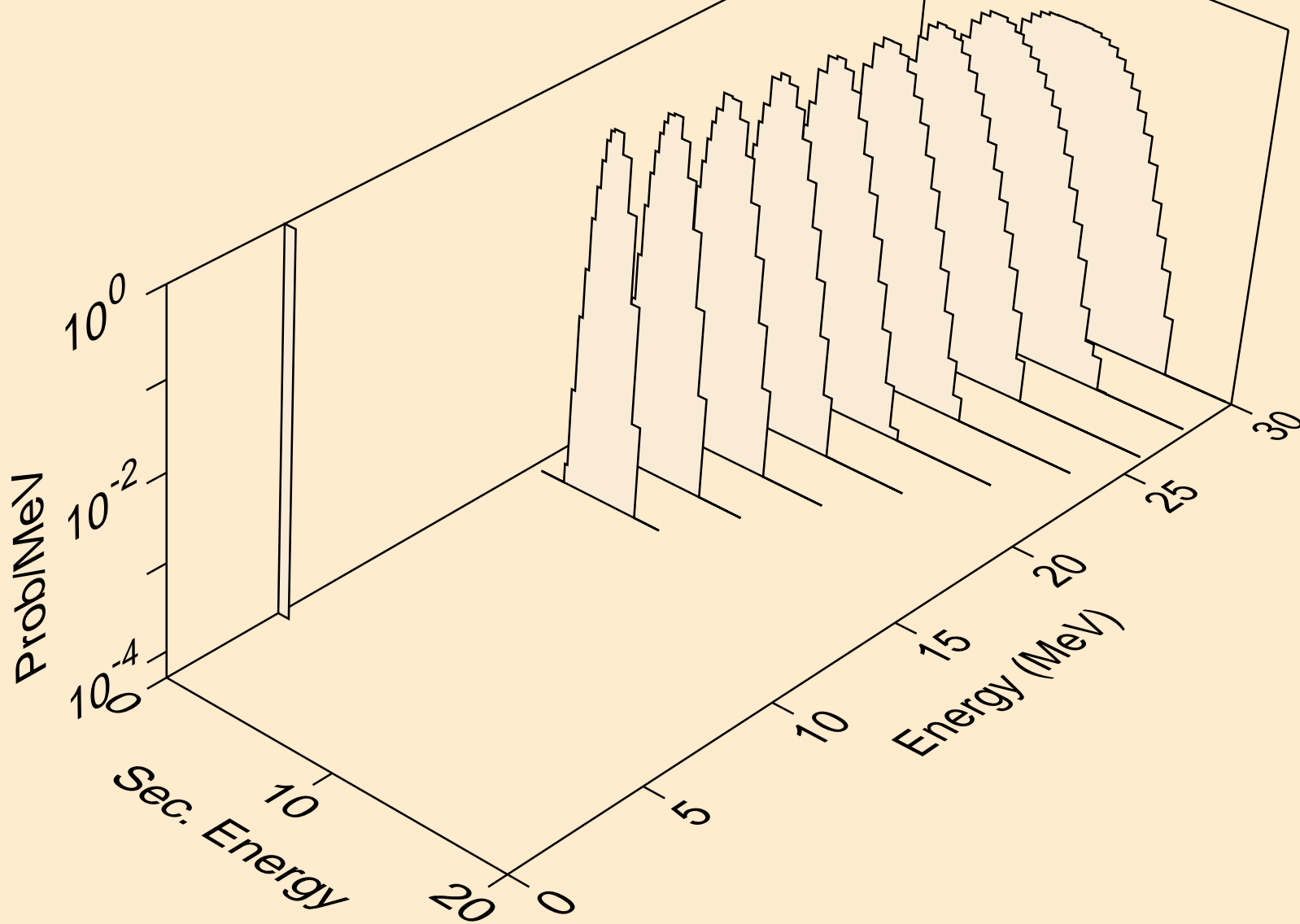
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



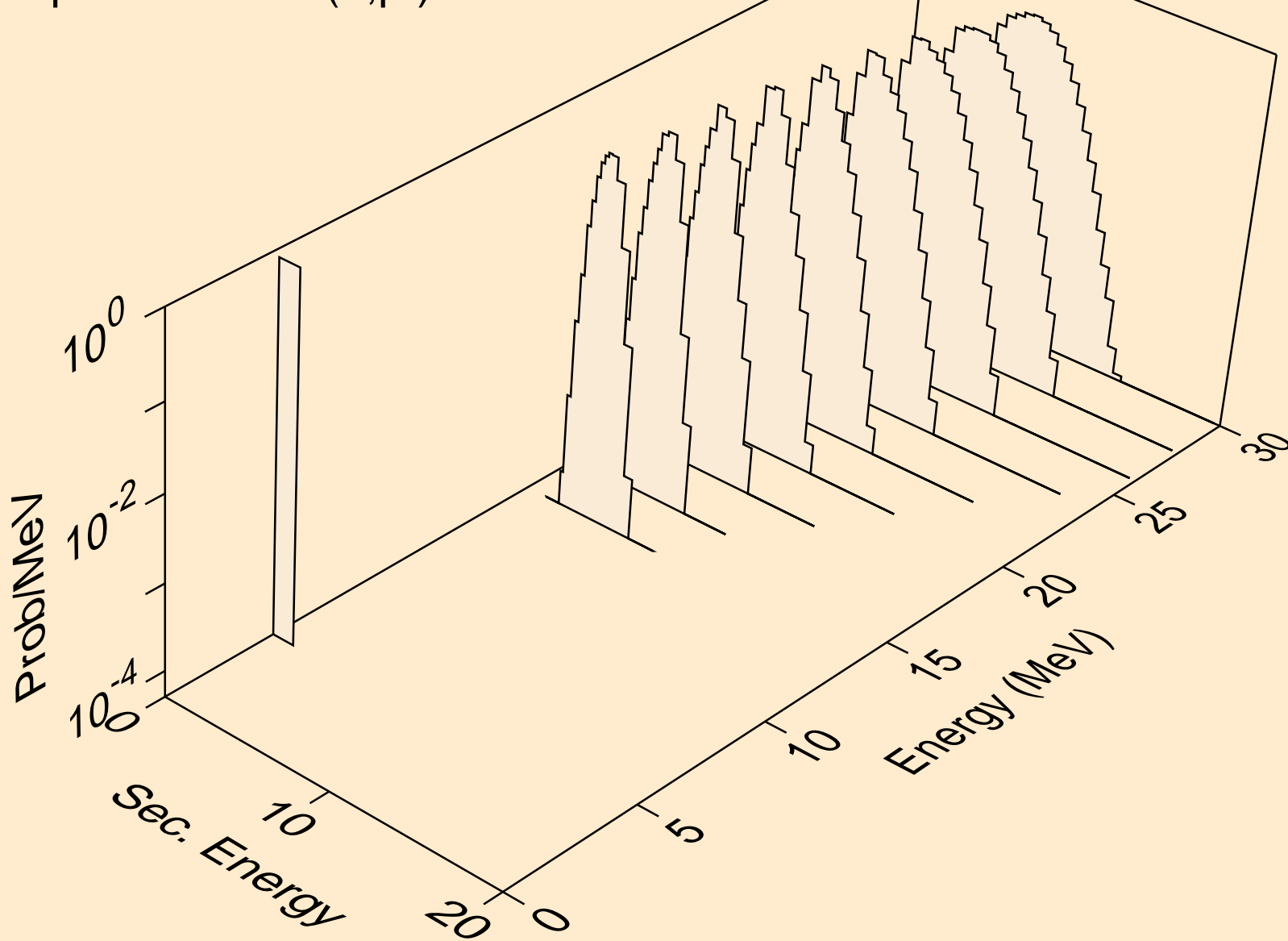
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



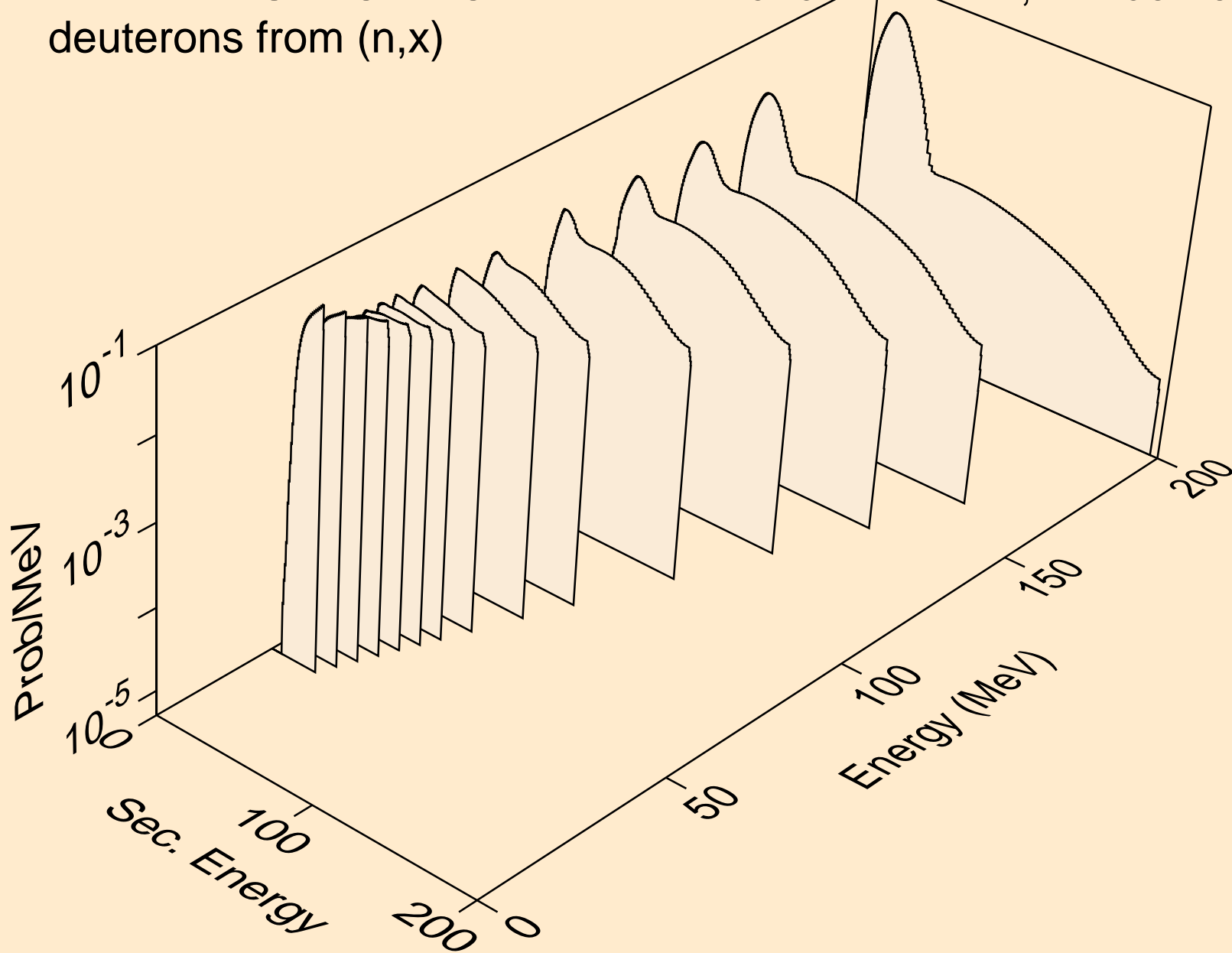
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



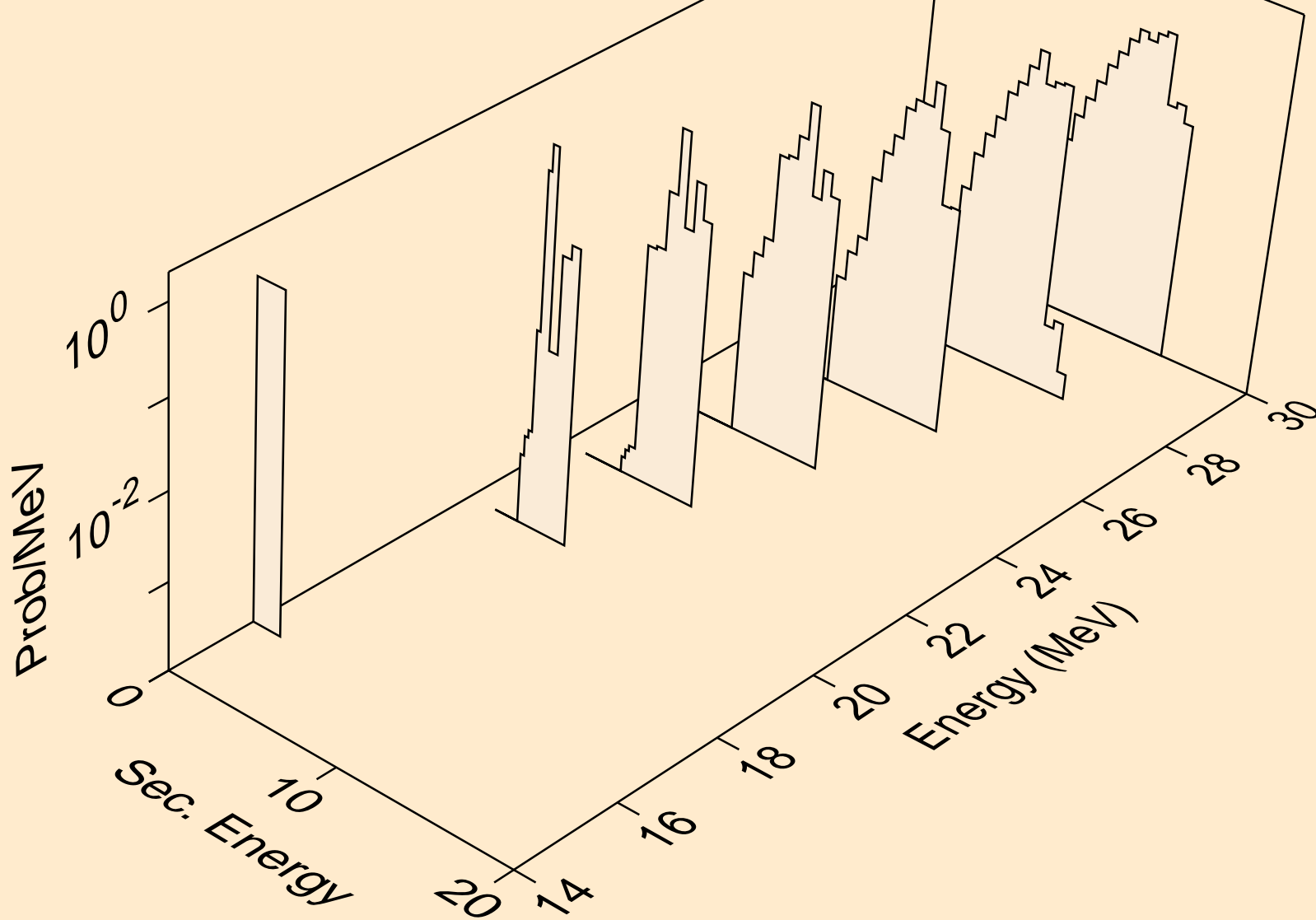
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



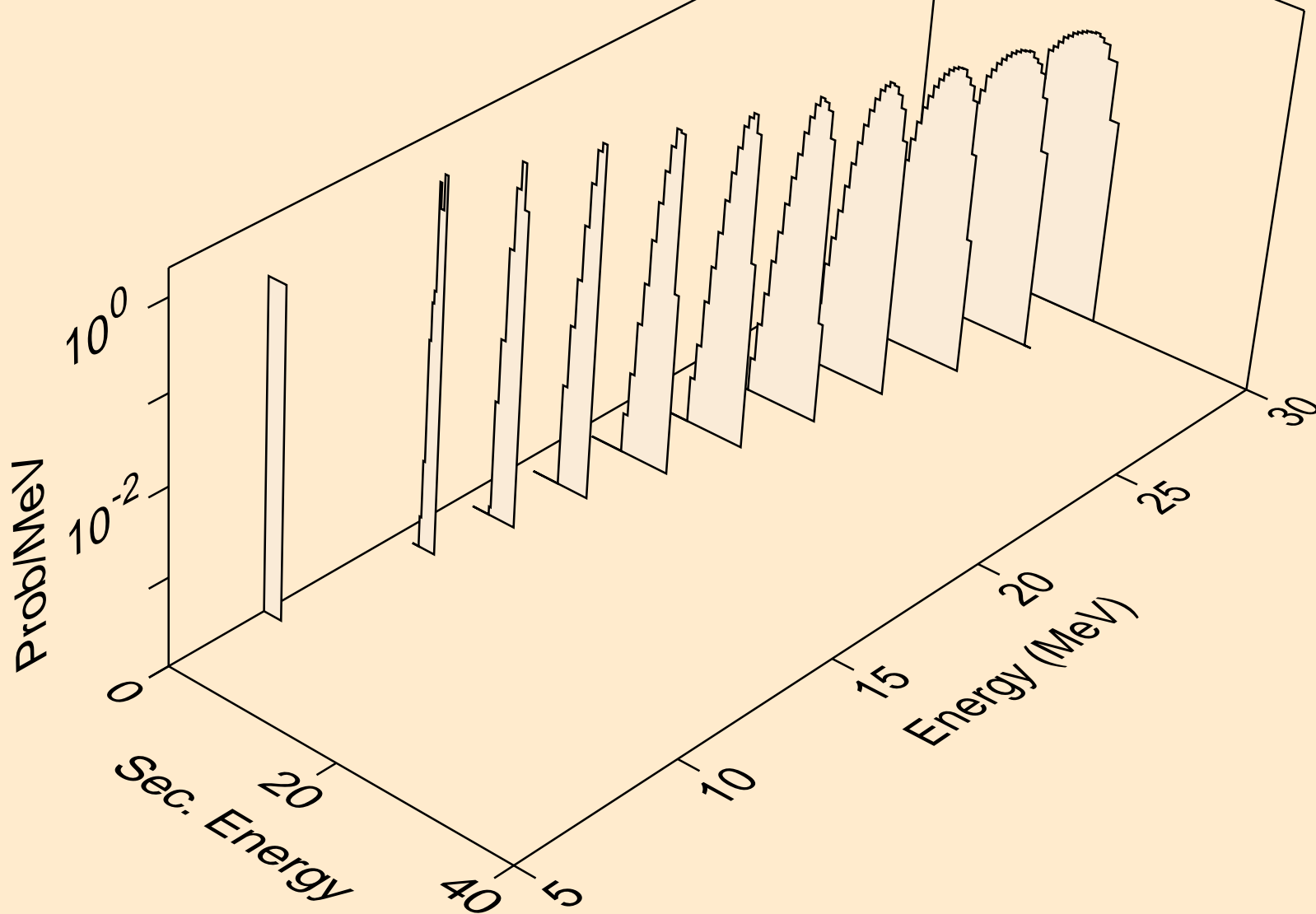
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



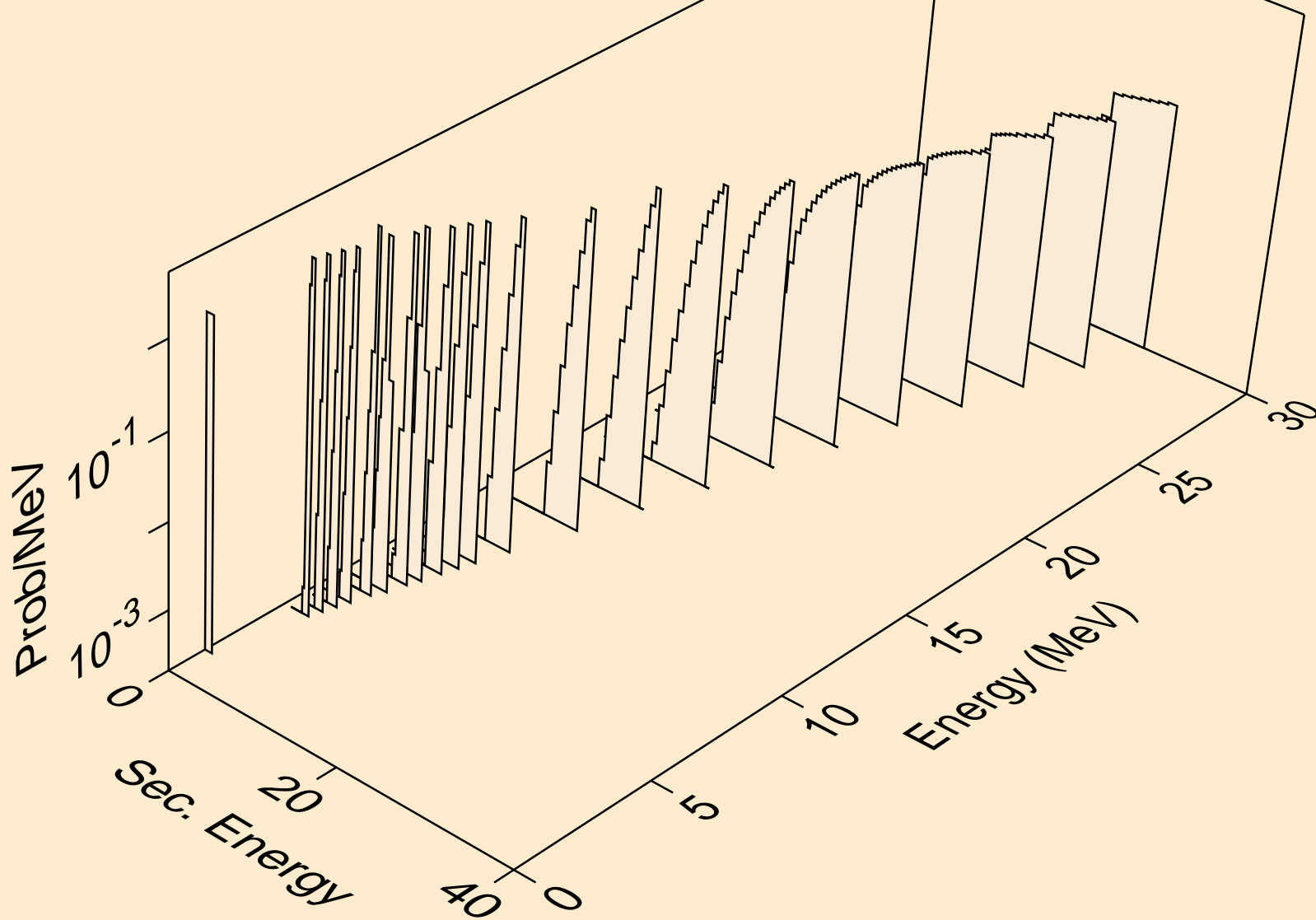
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



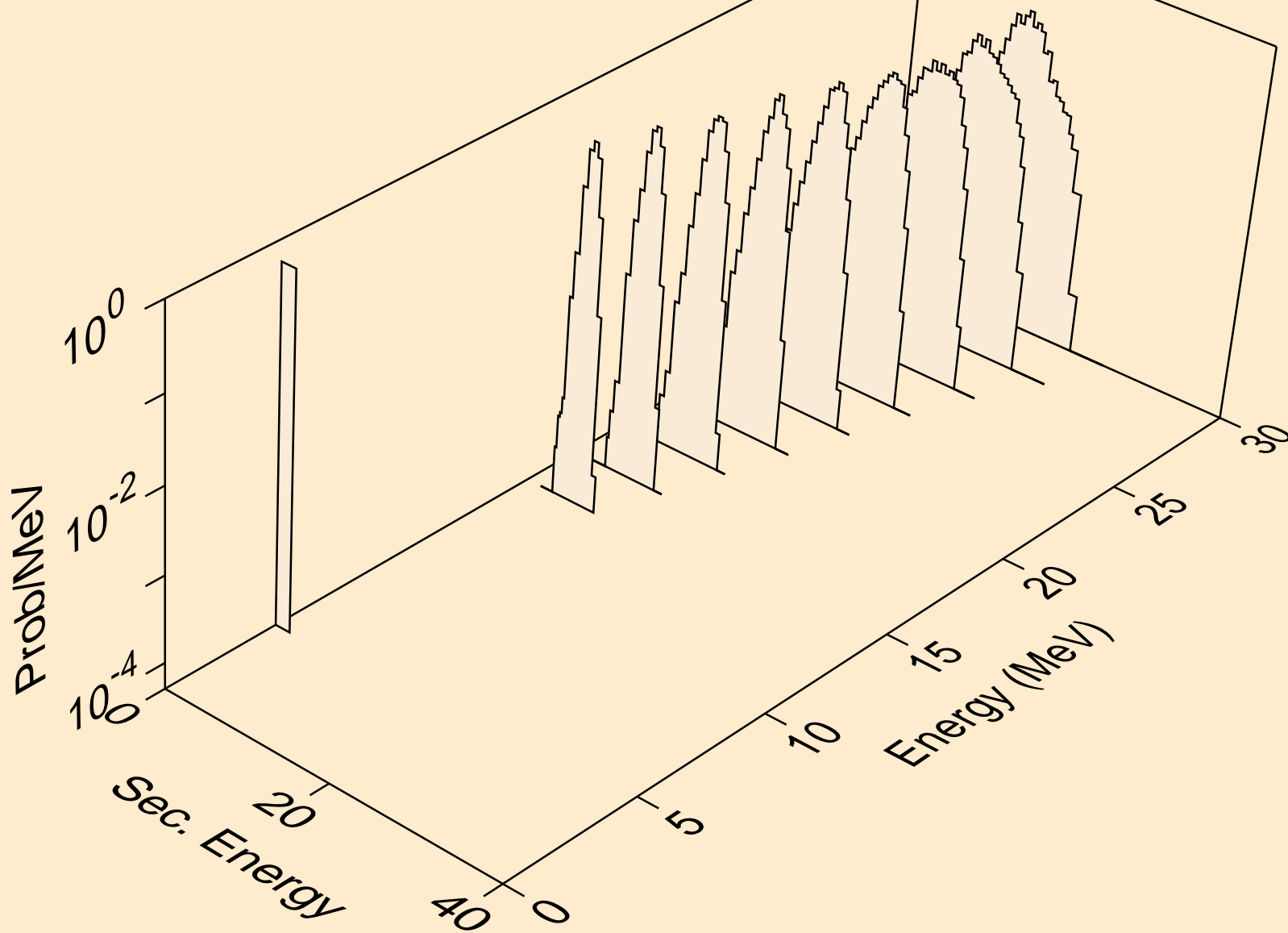
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



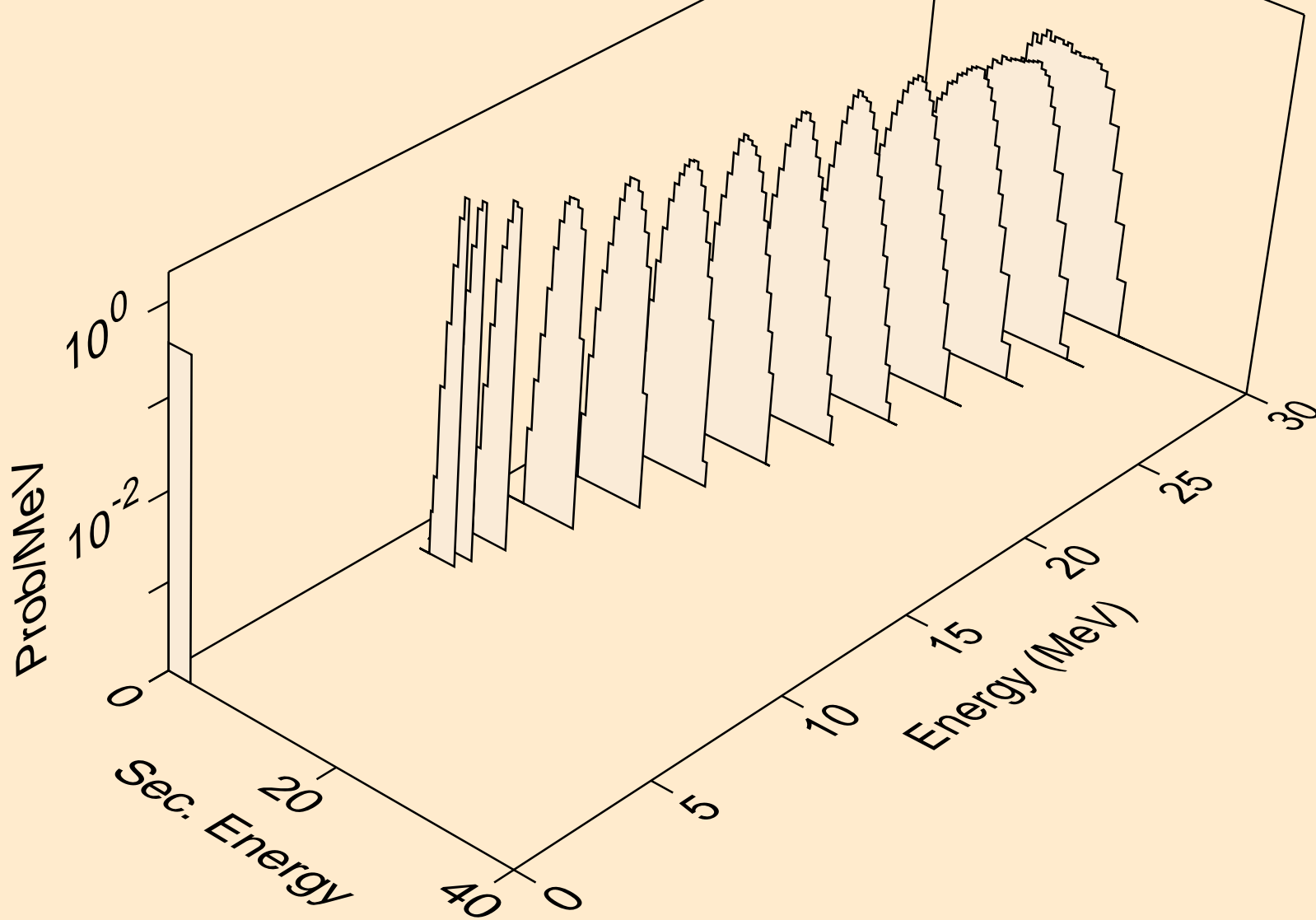
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



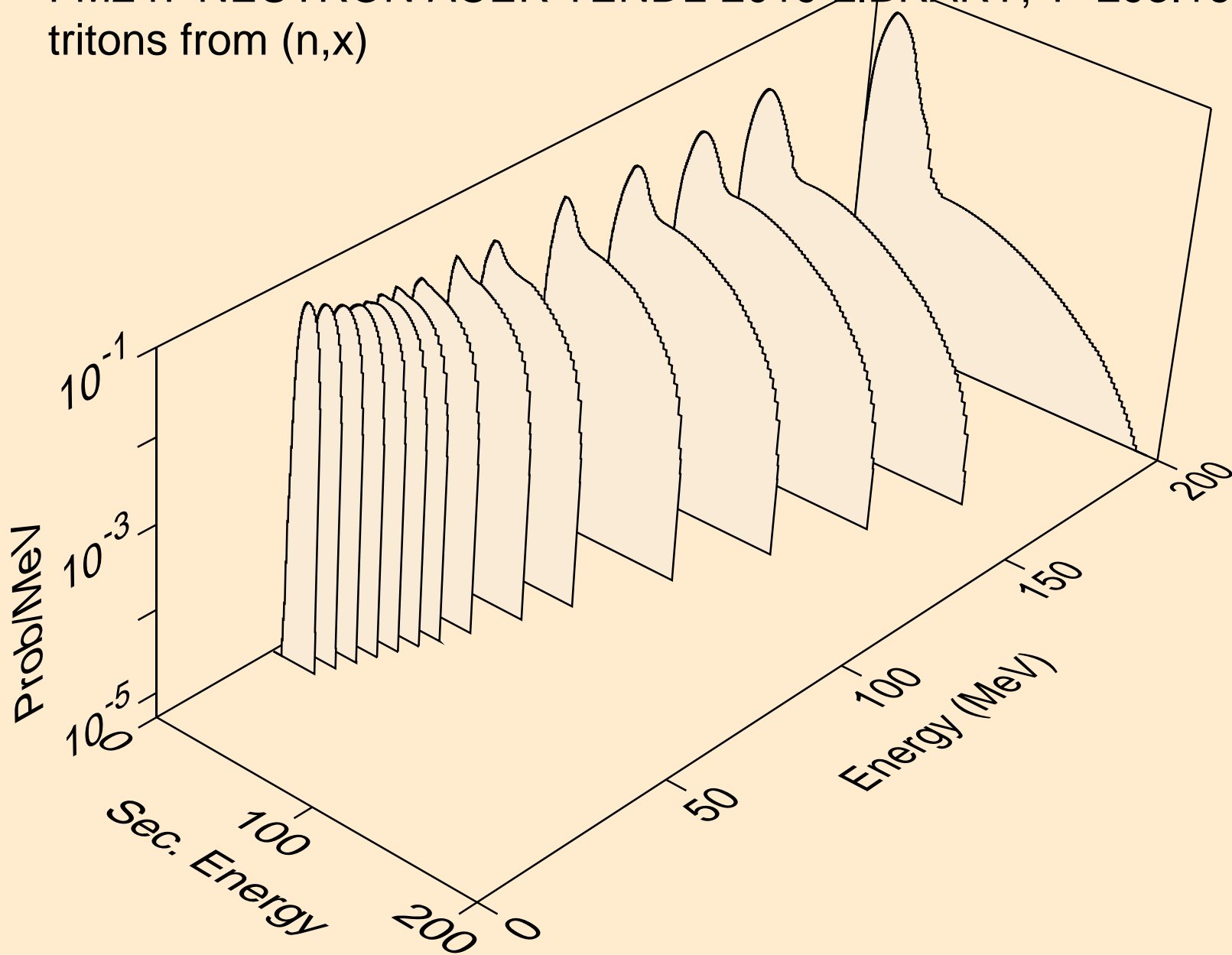
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



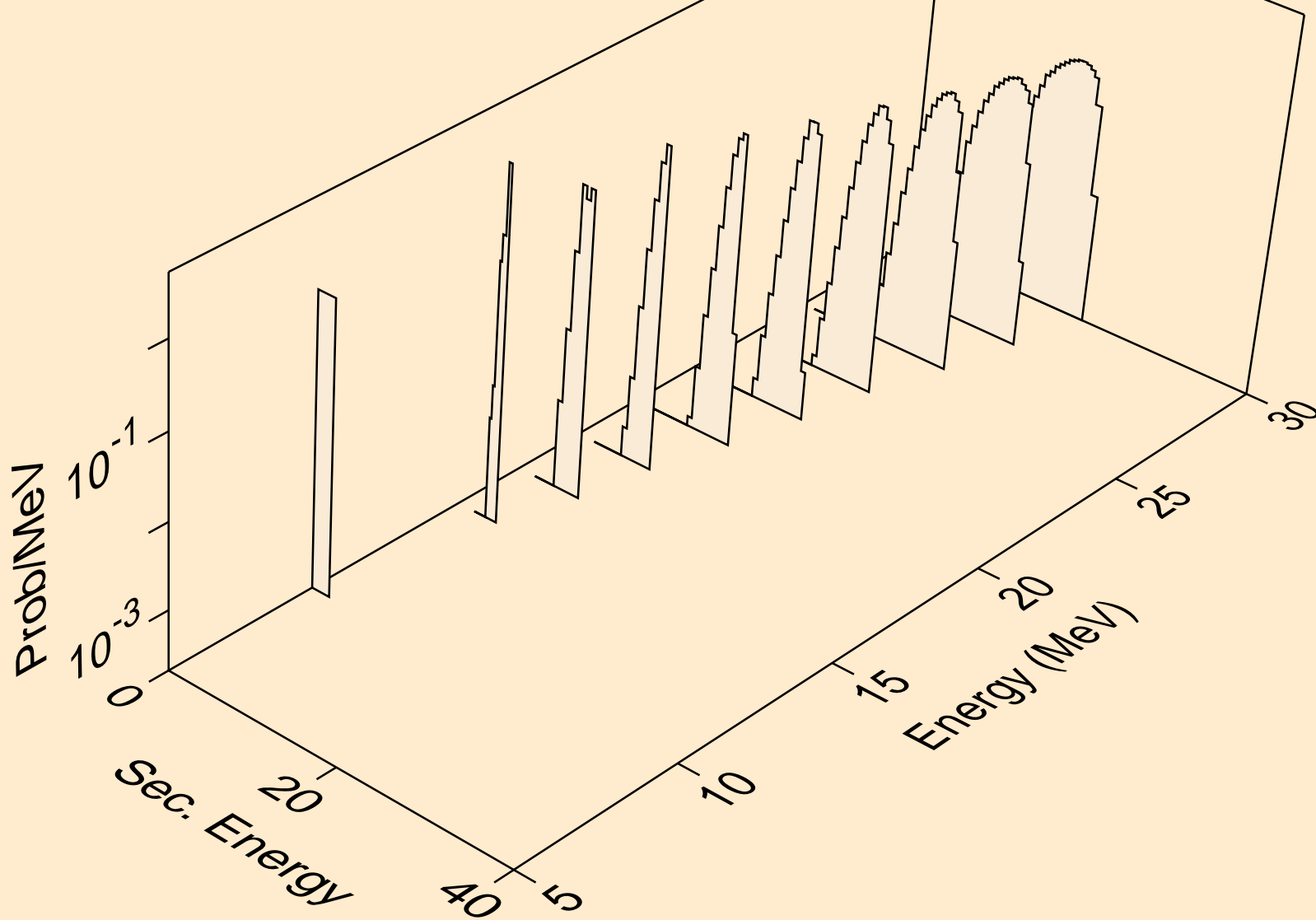
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



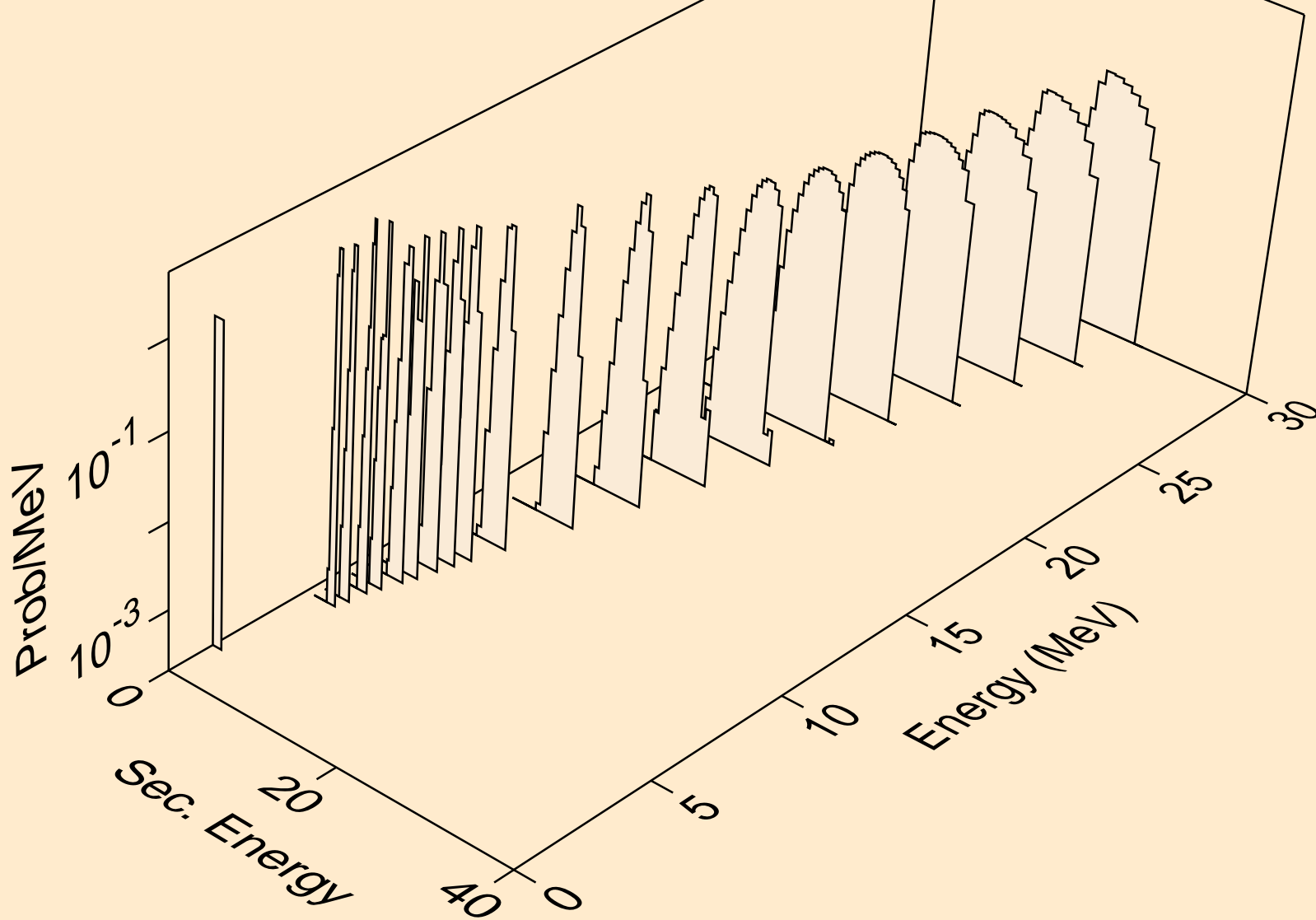
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



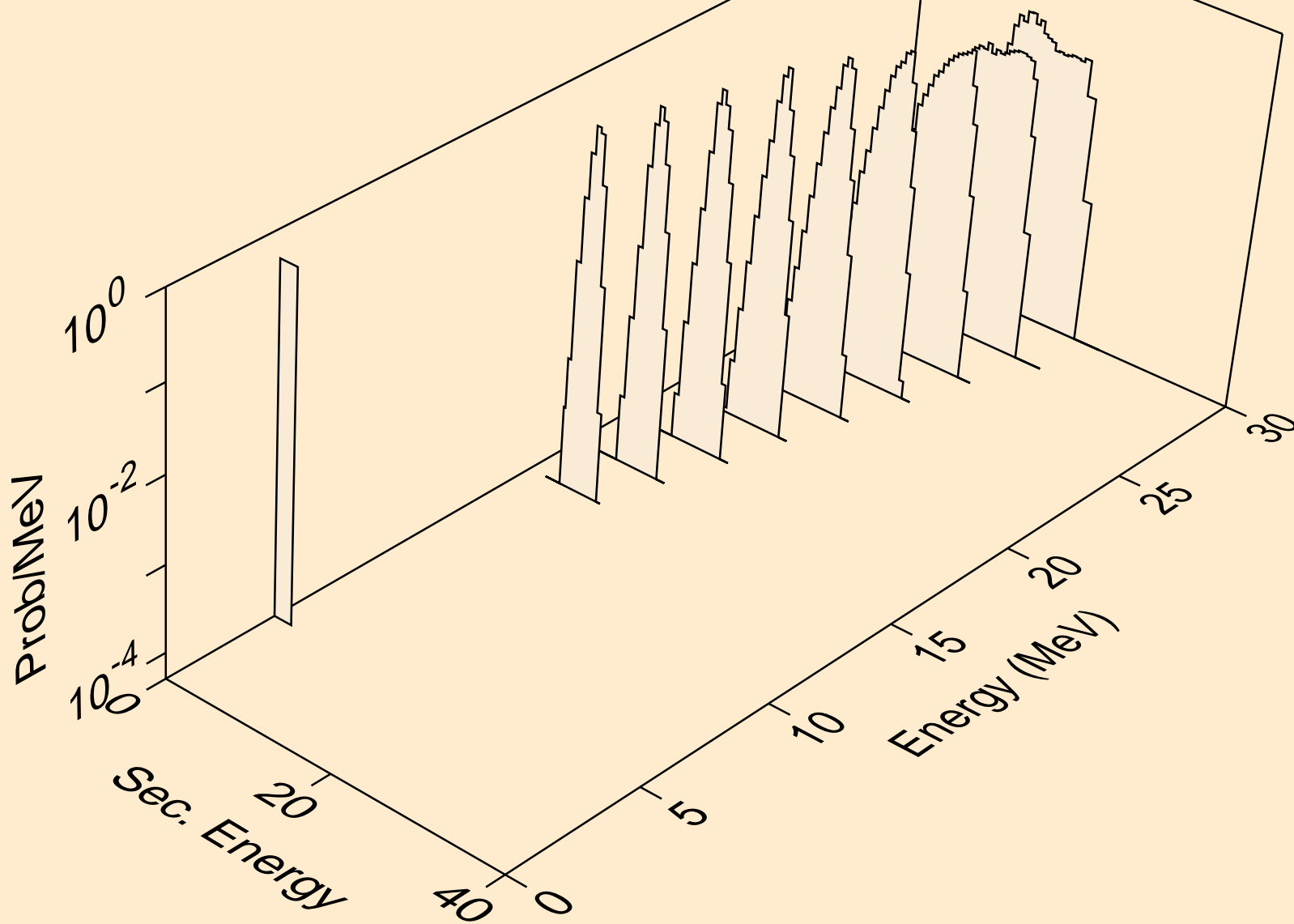
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



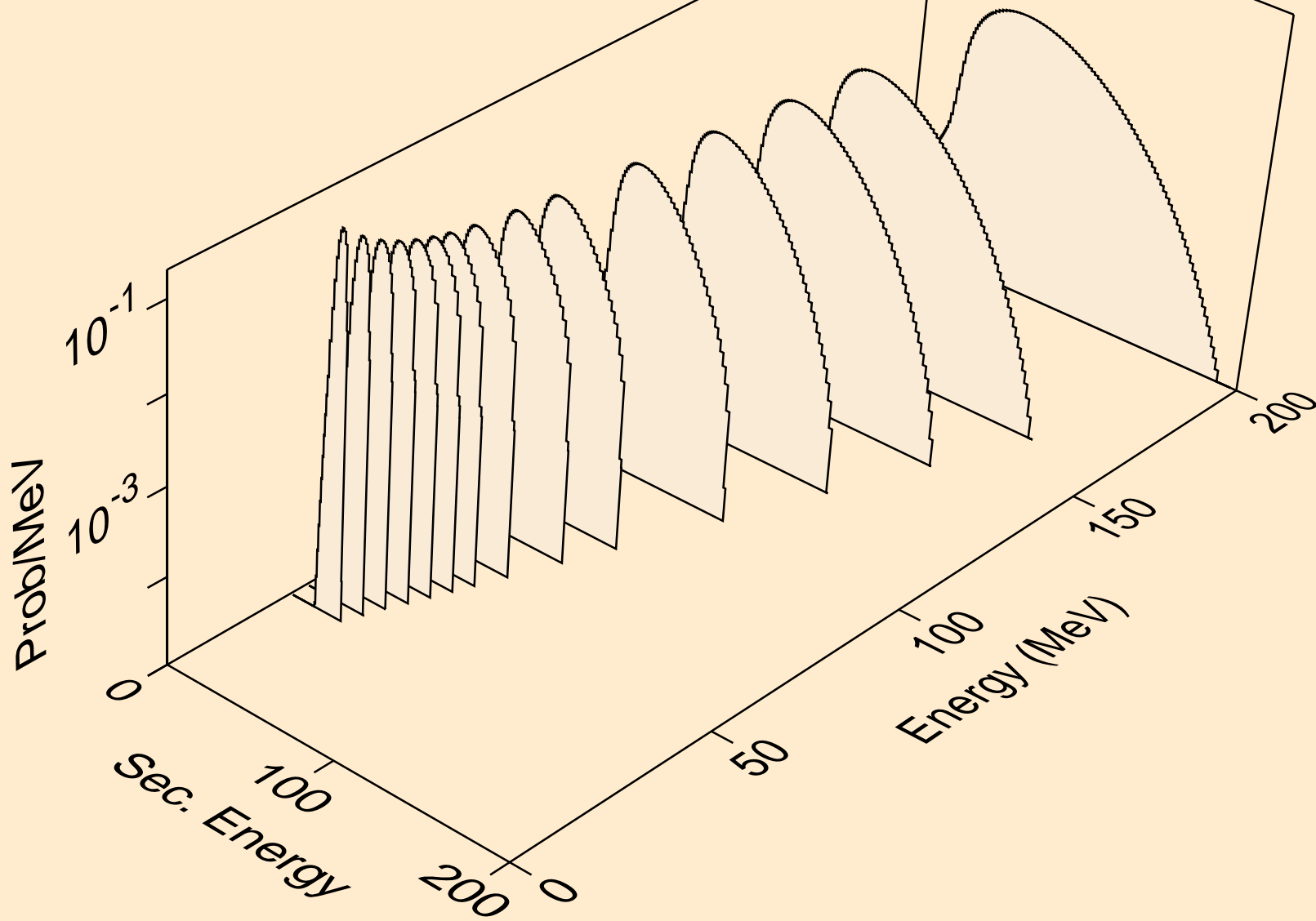
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



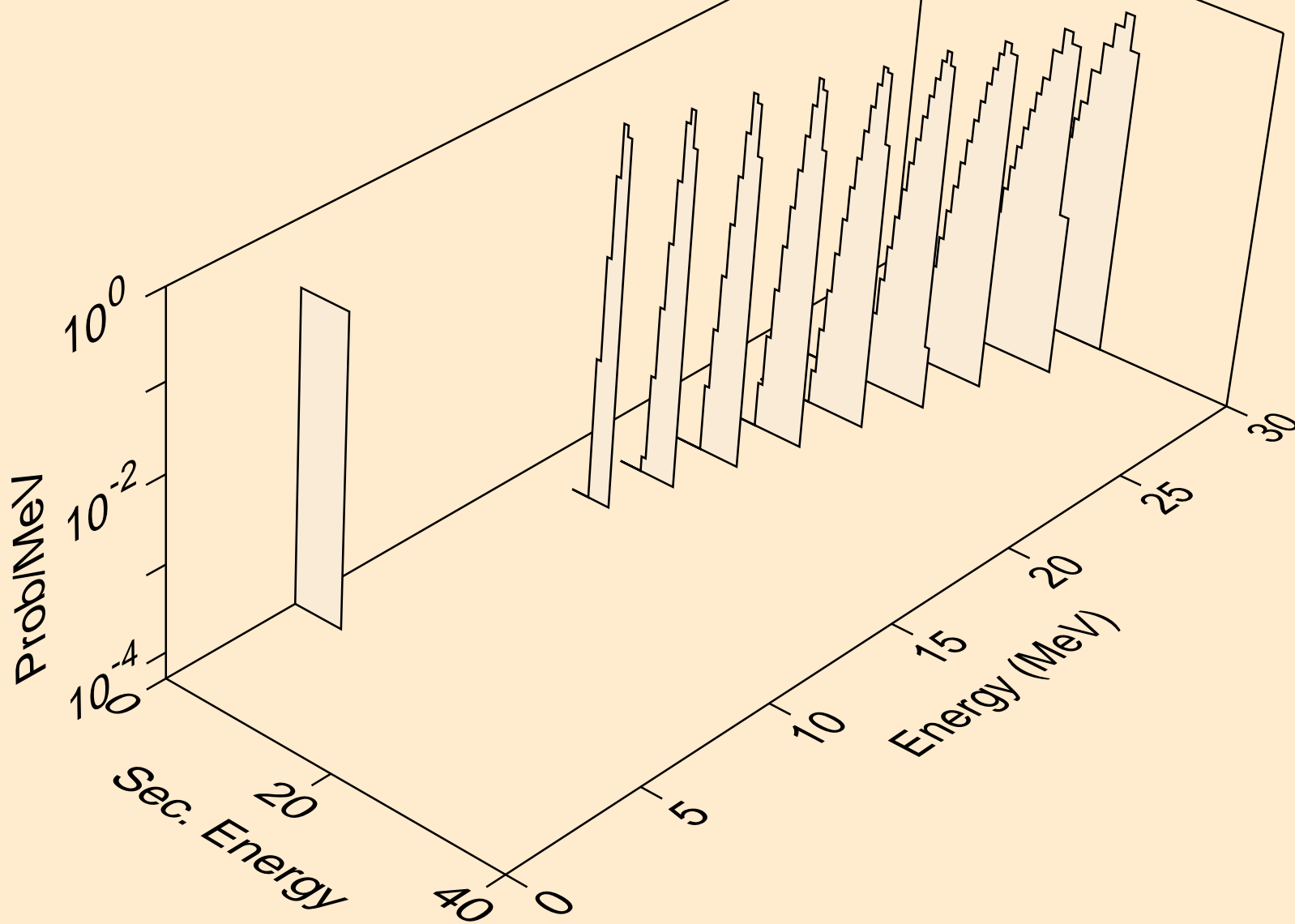
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



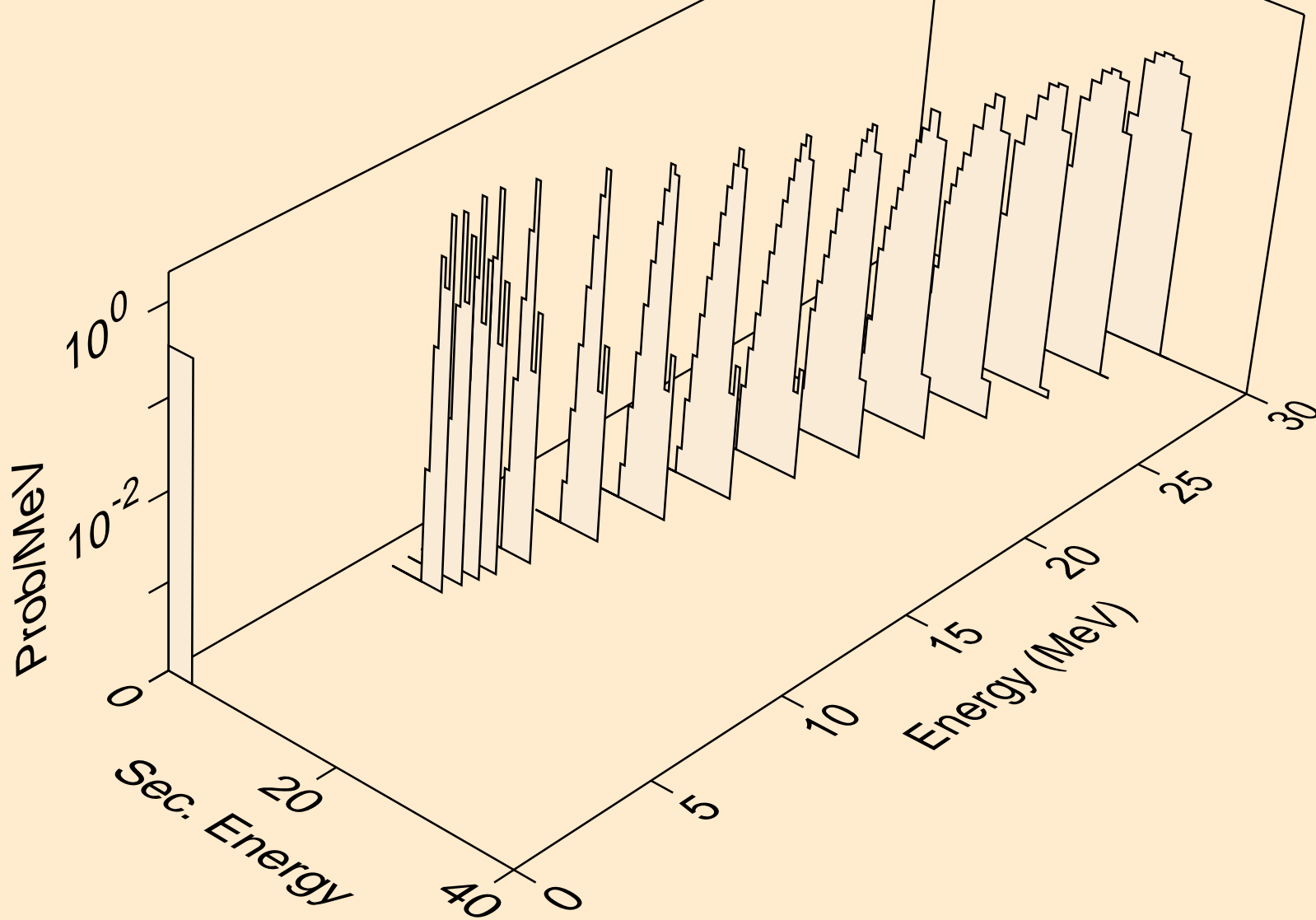
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



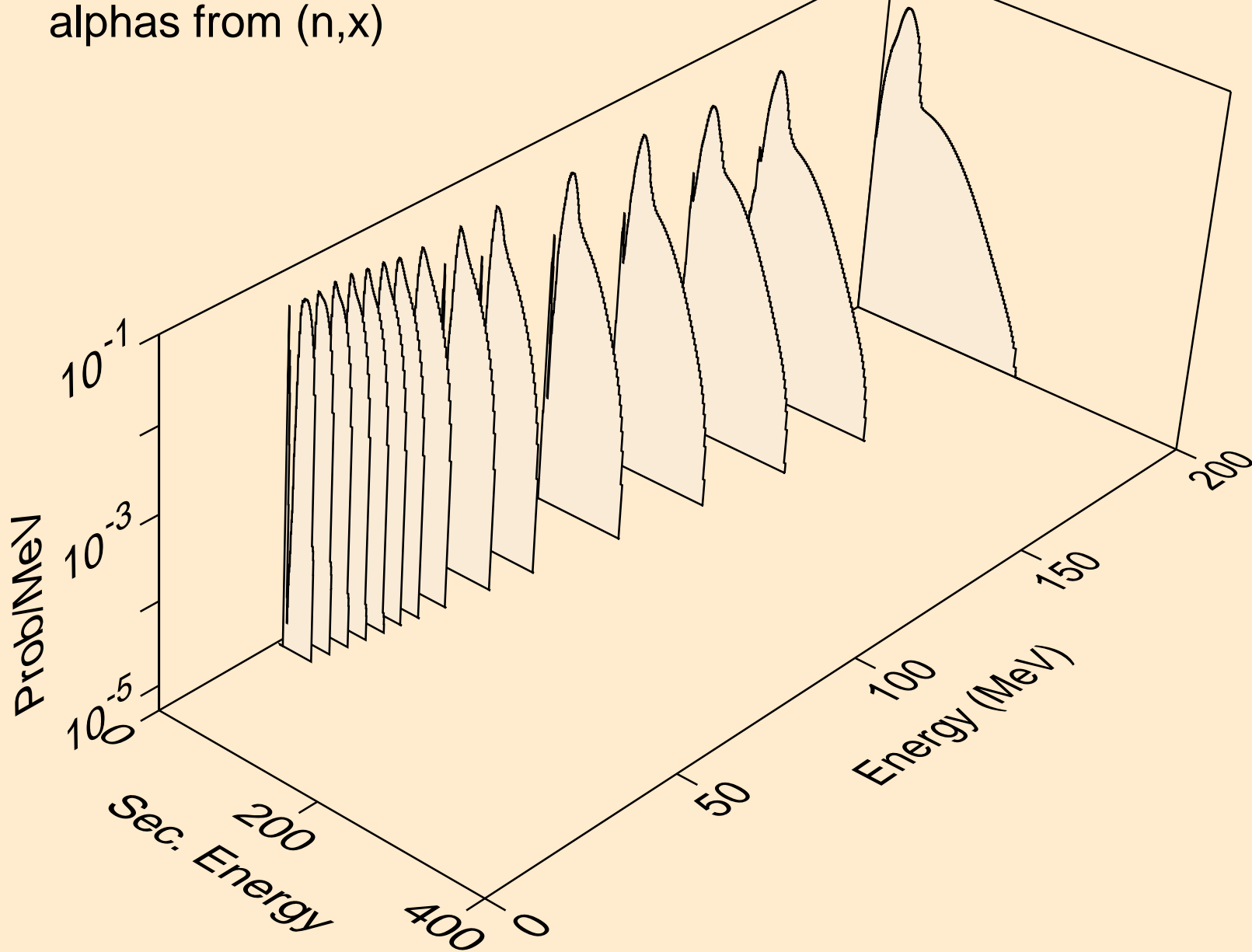
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



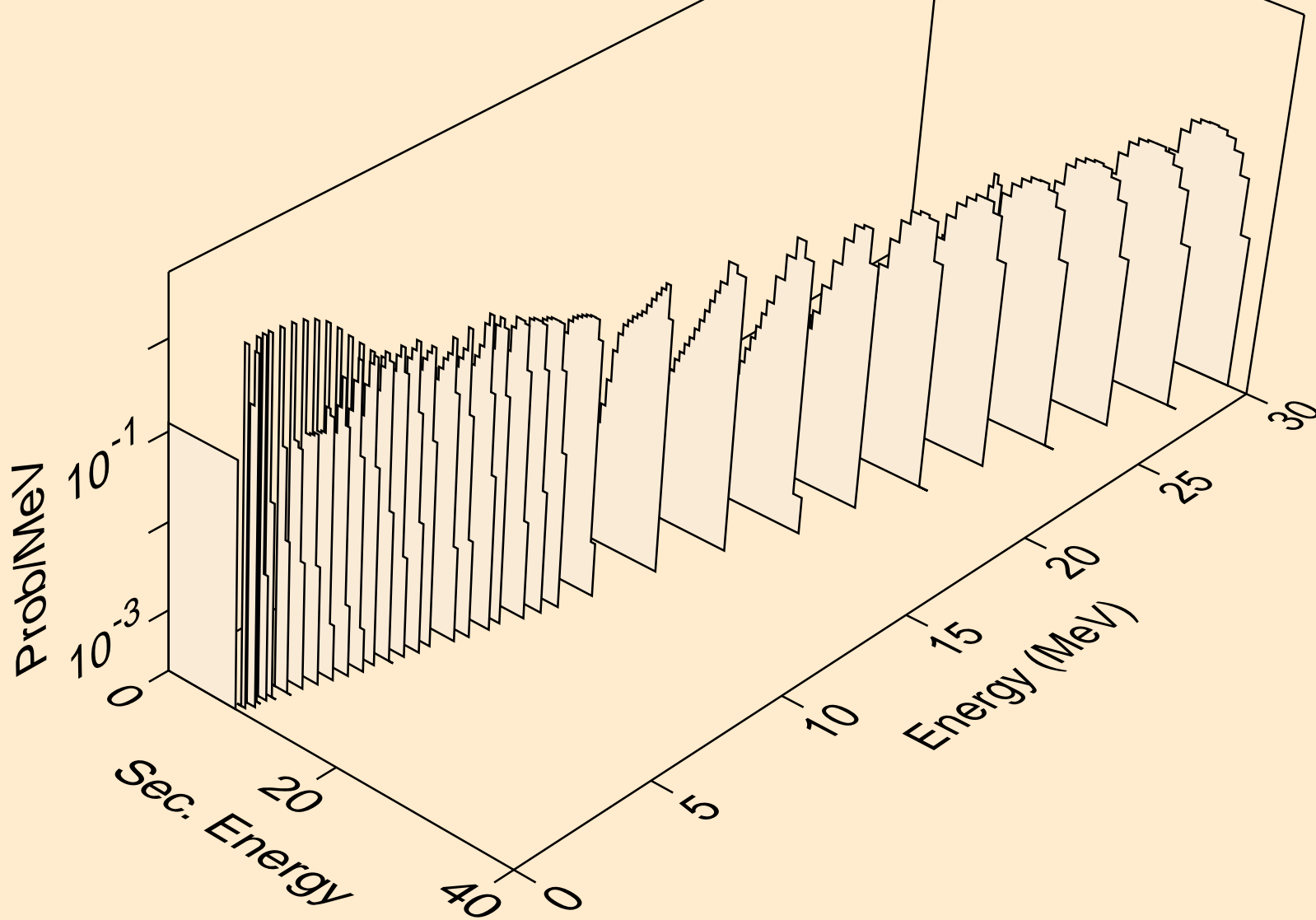
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



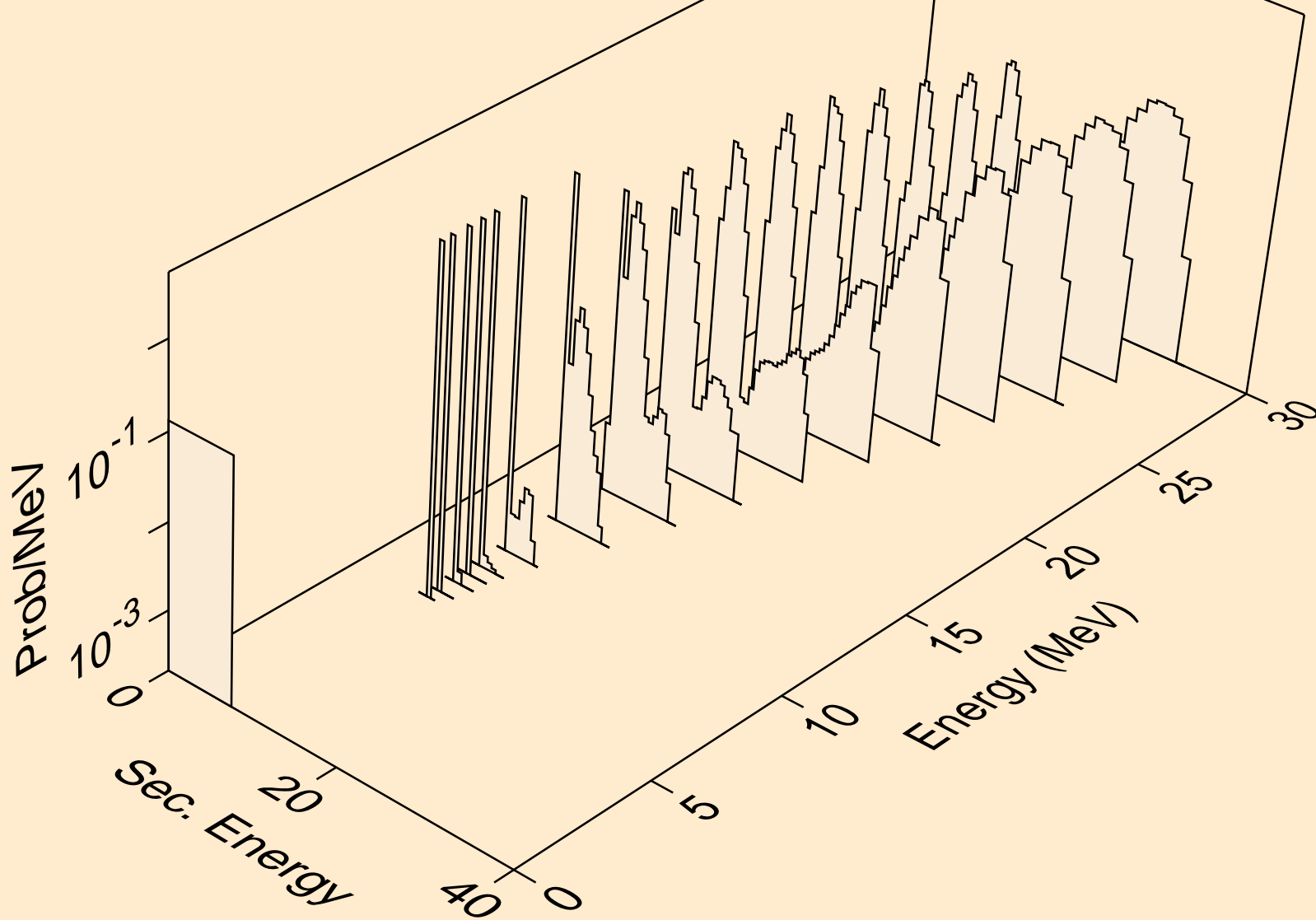
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



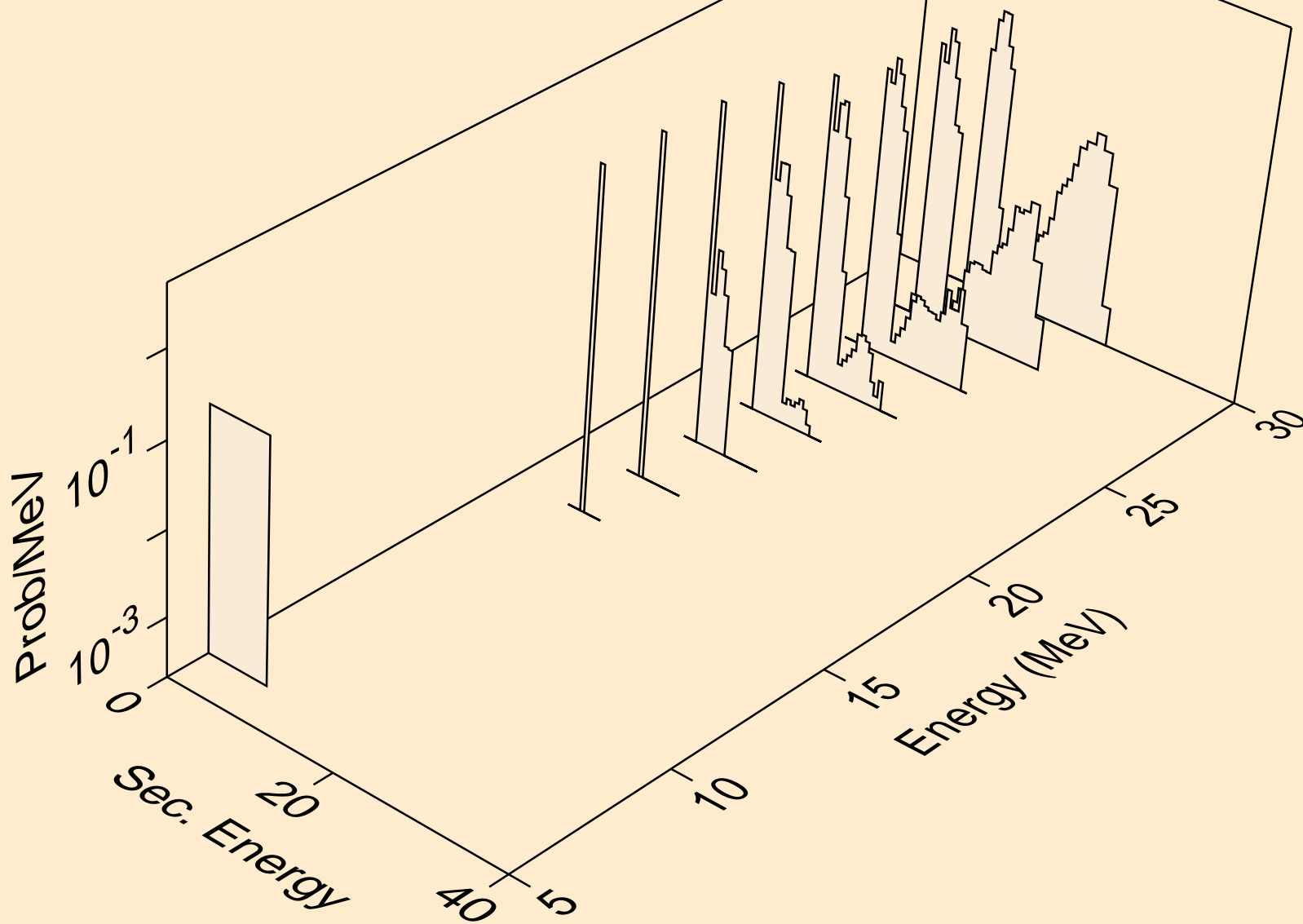
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



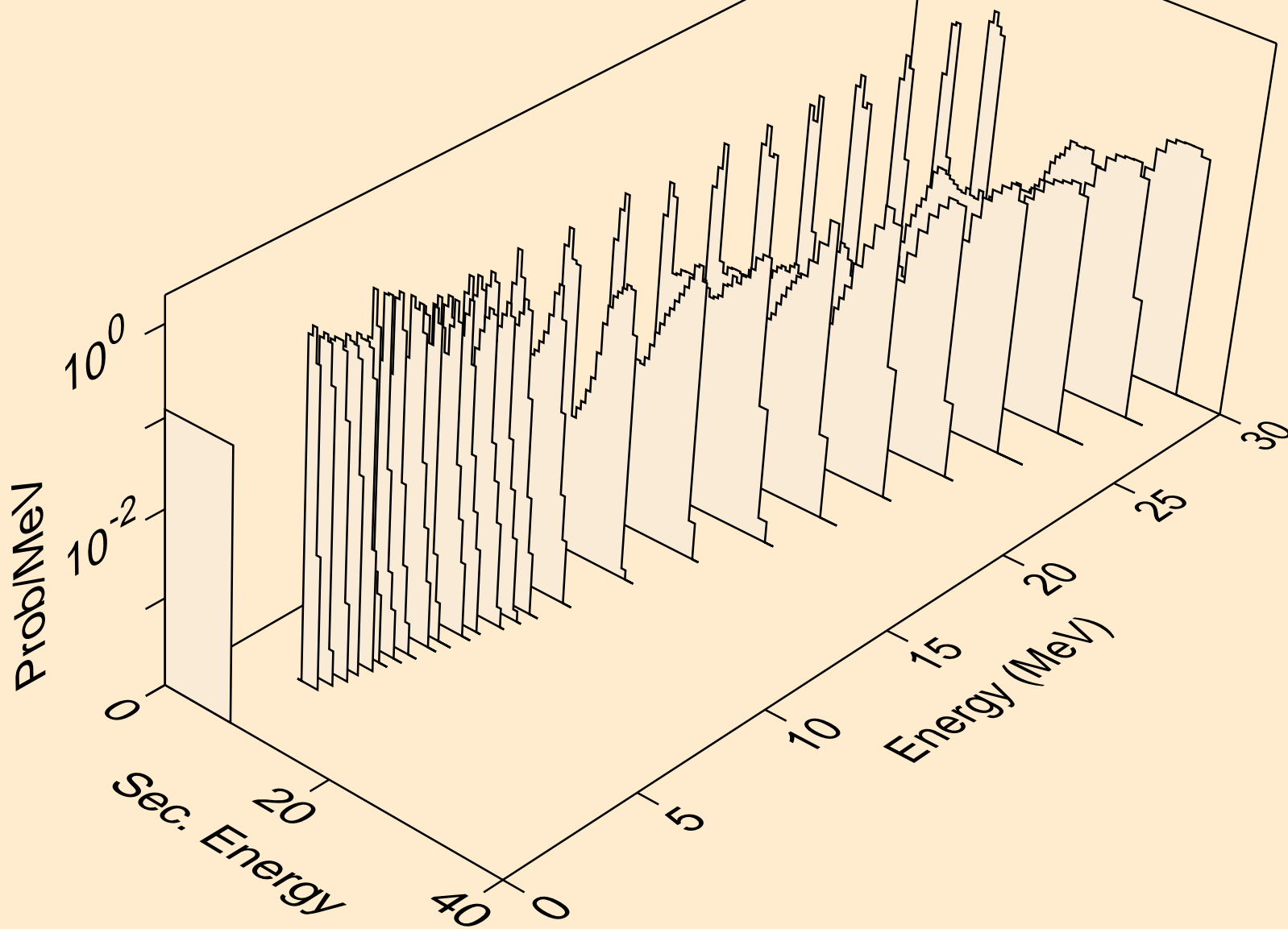
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



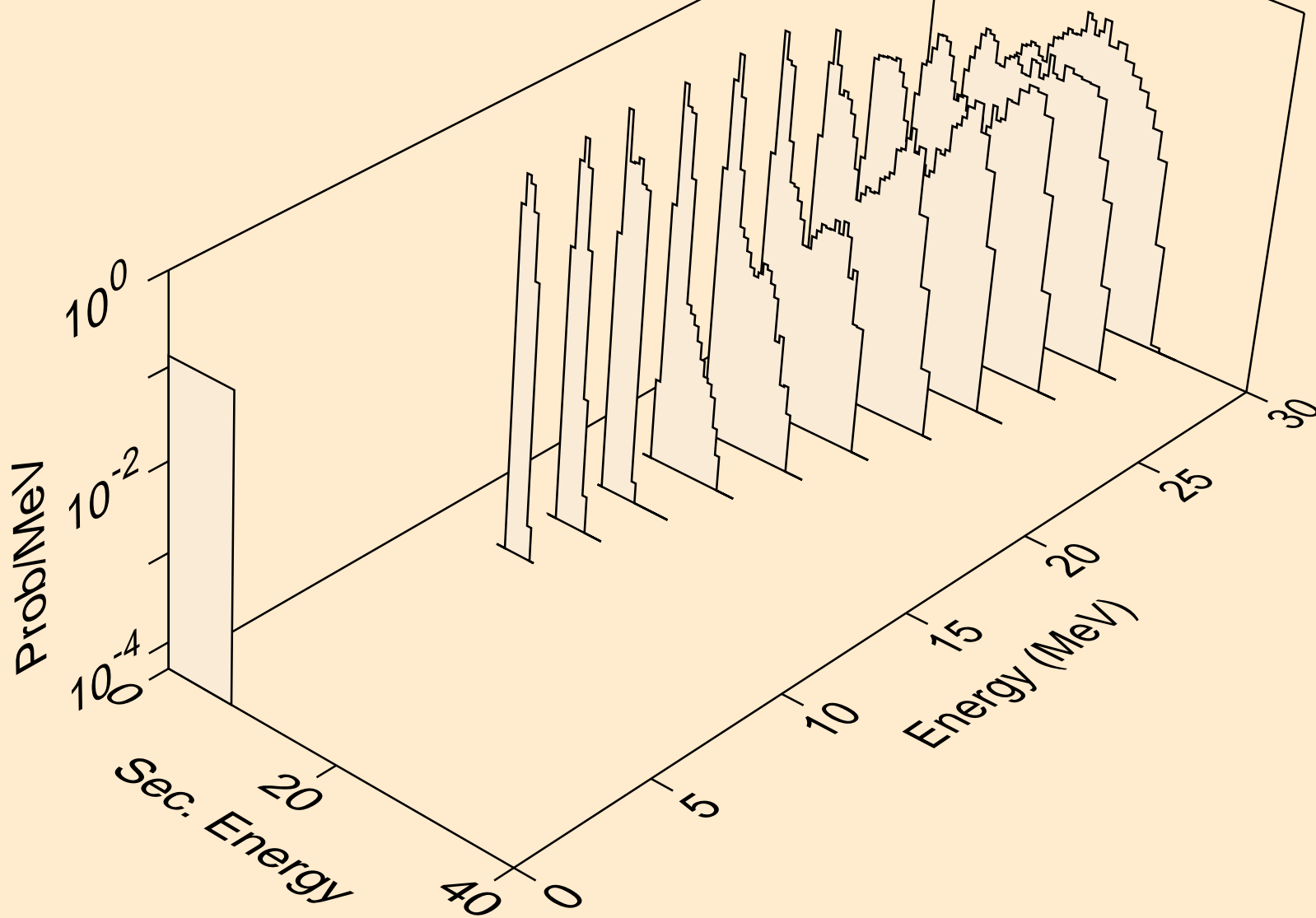
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



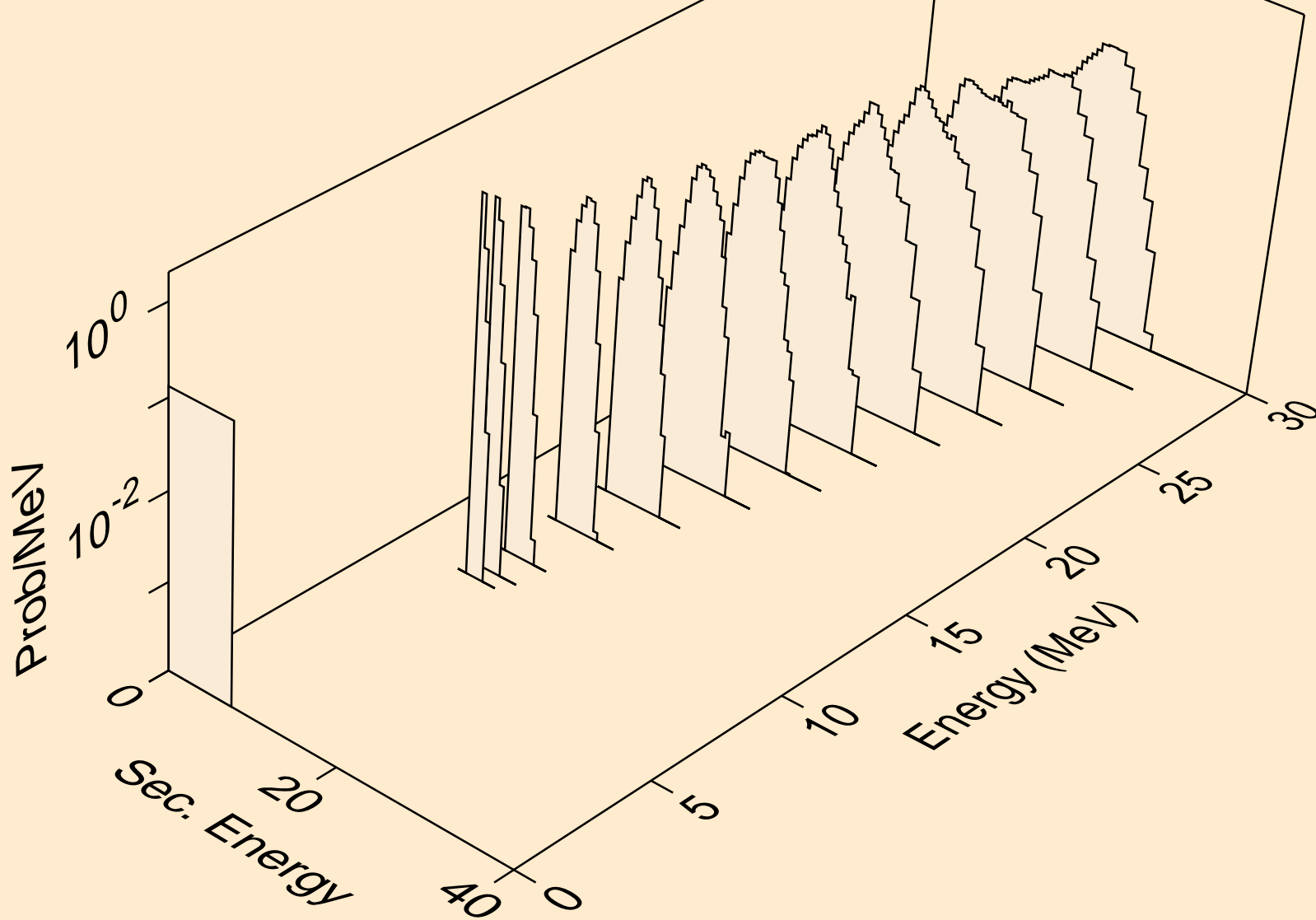
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



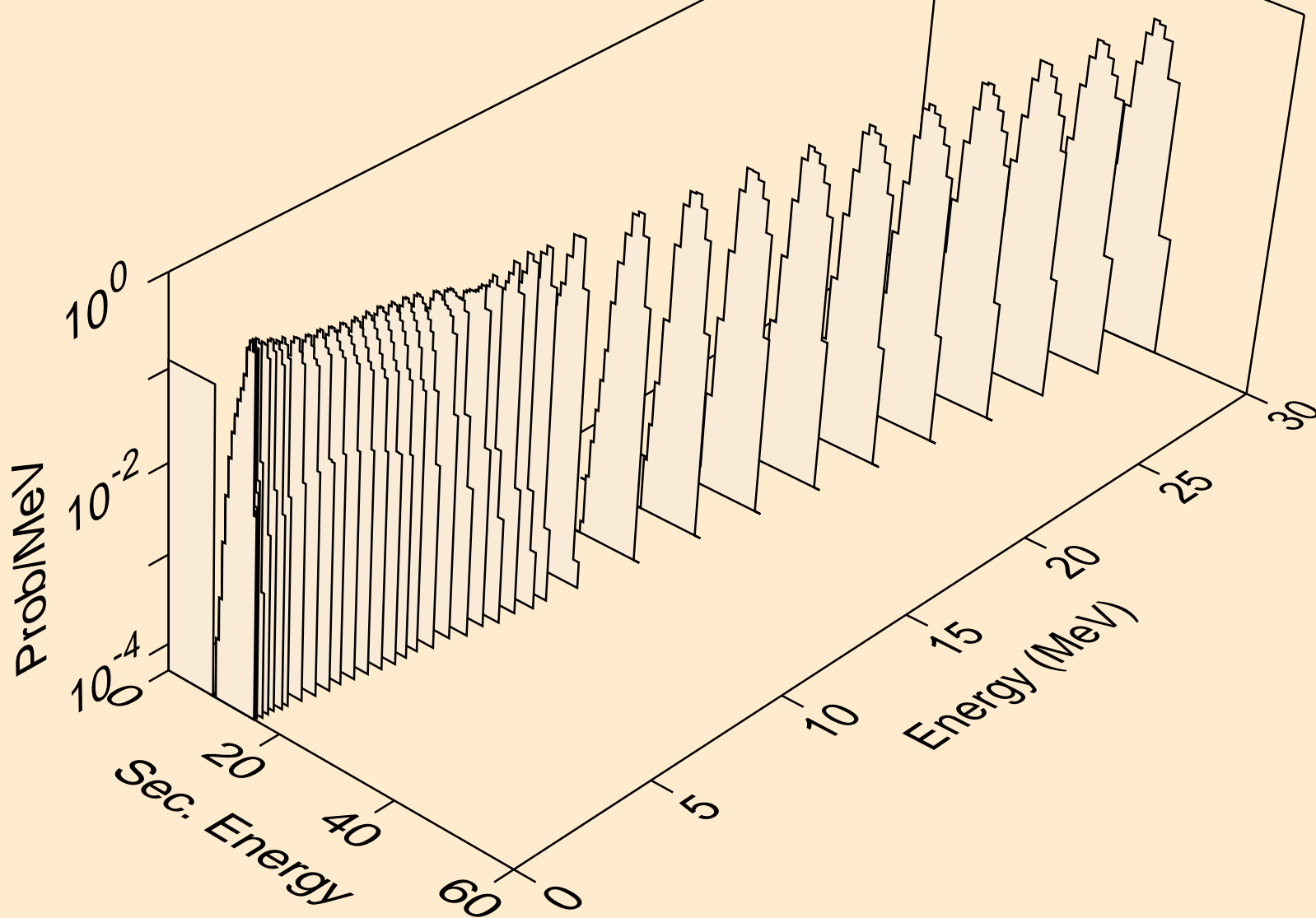
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



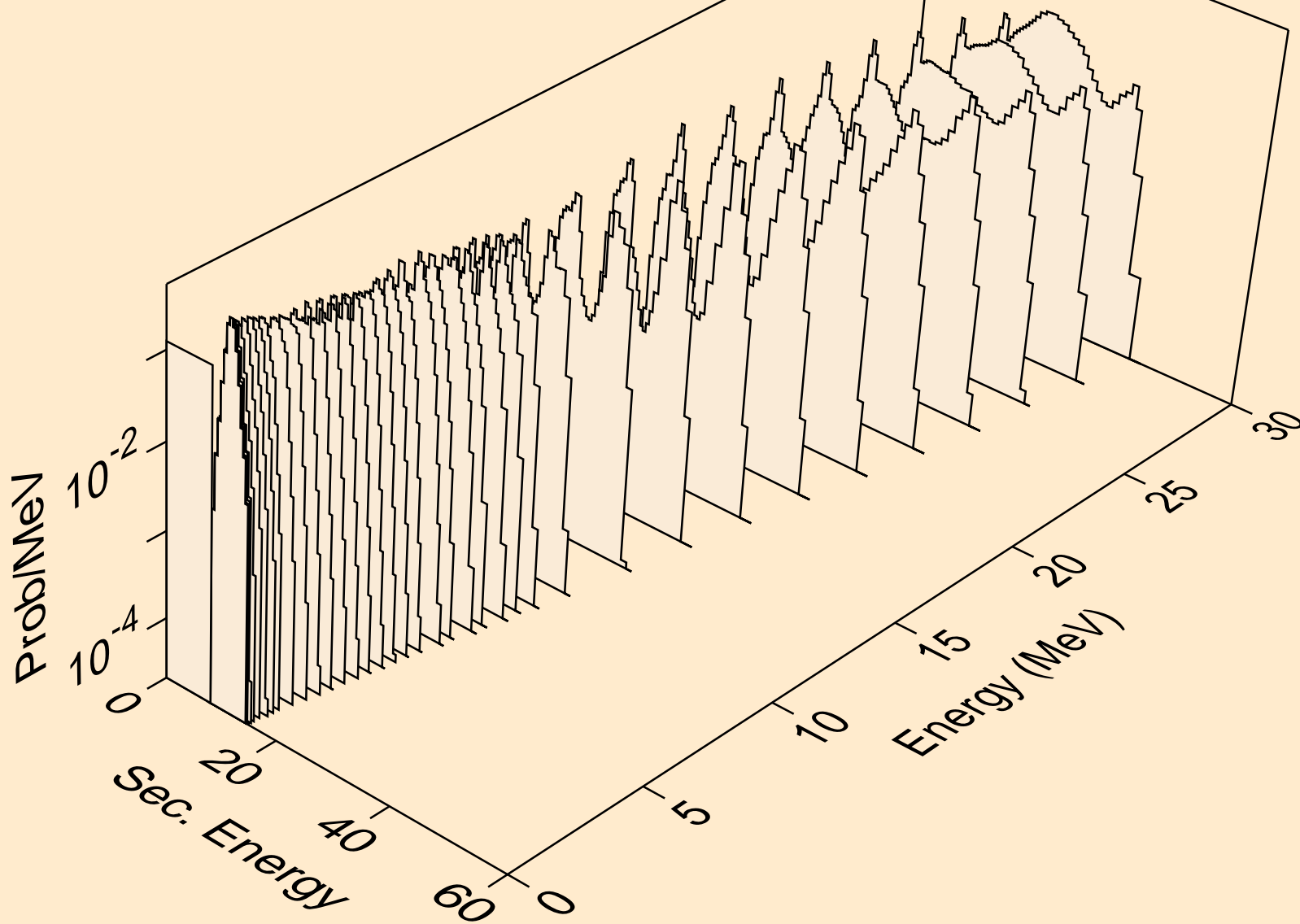
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



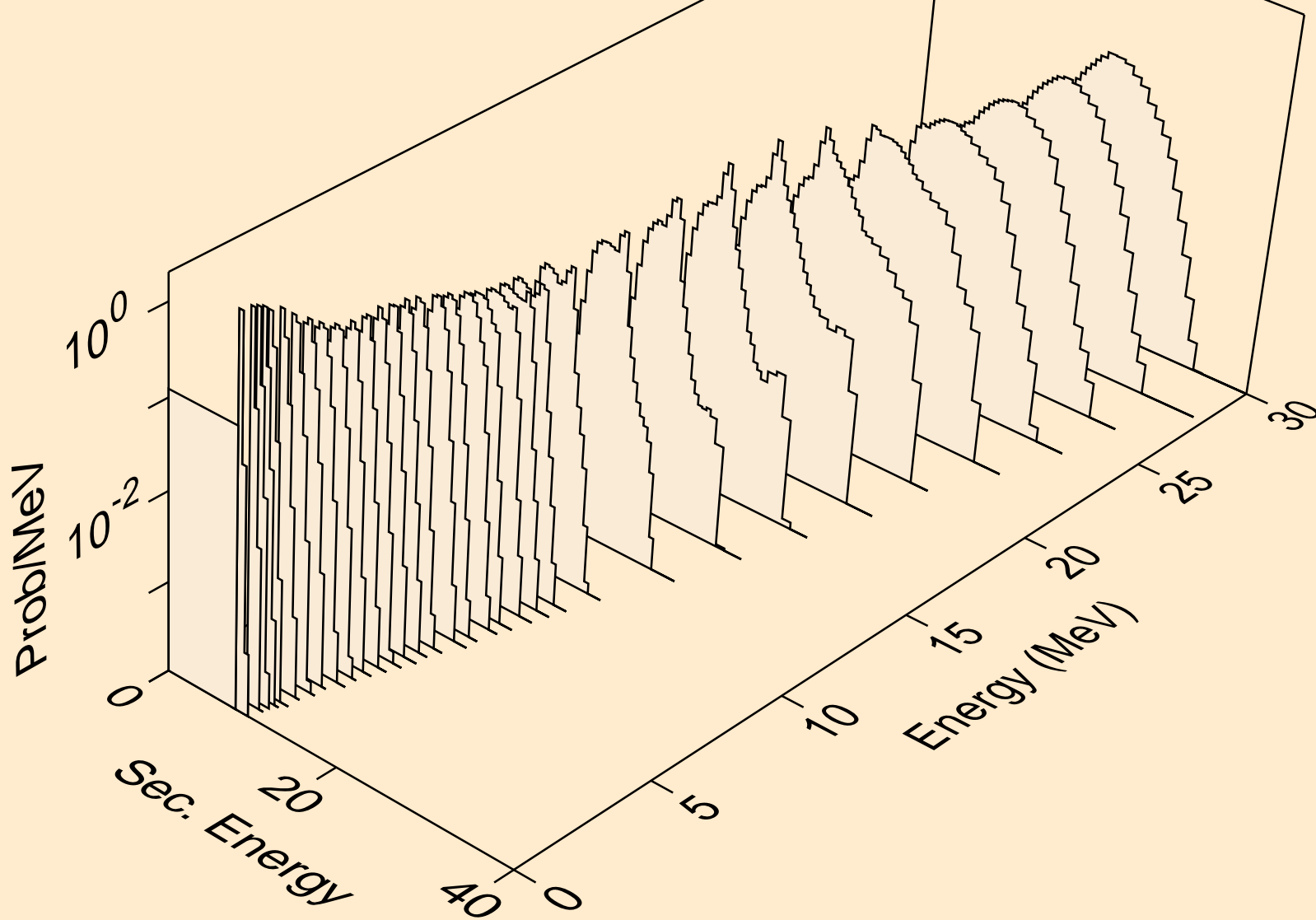
FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



FM247 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

