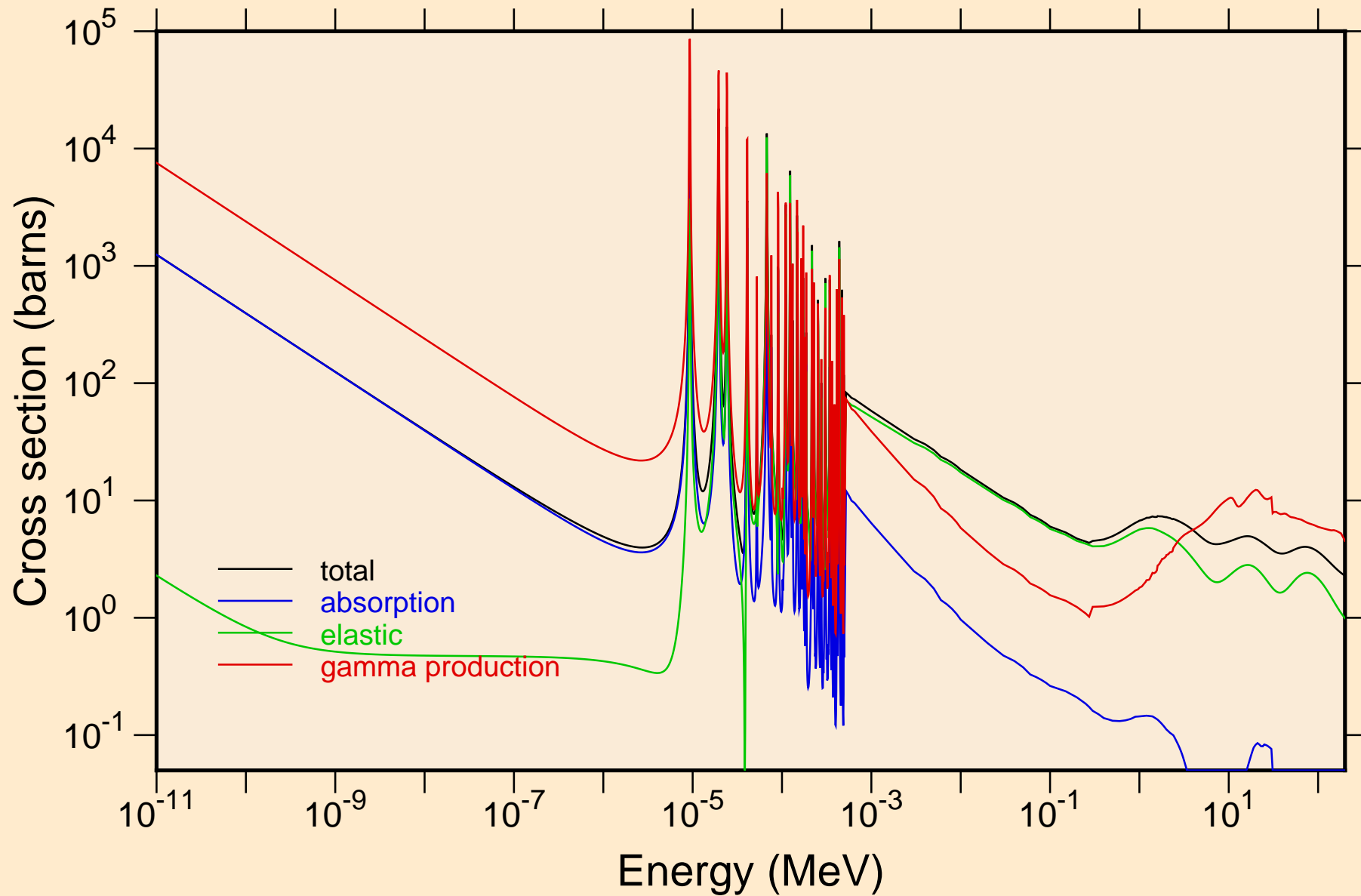
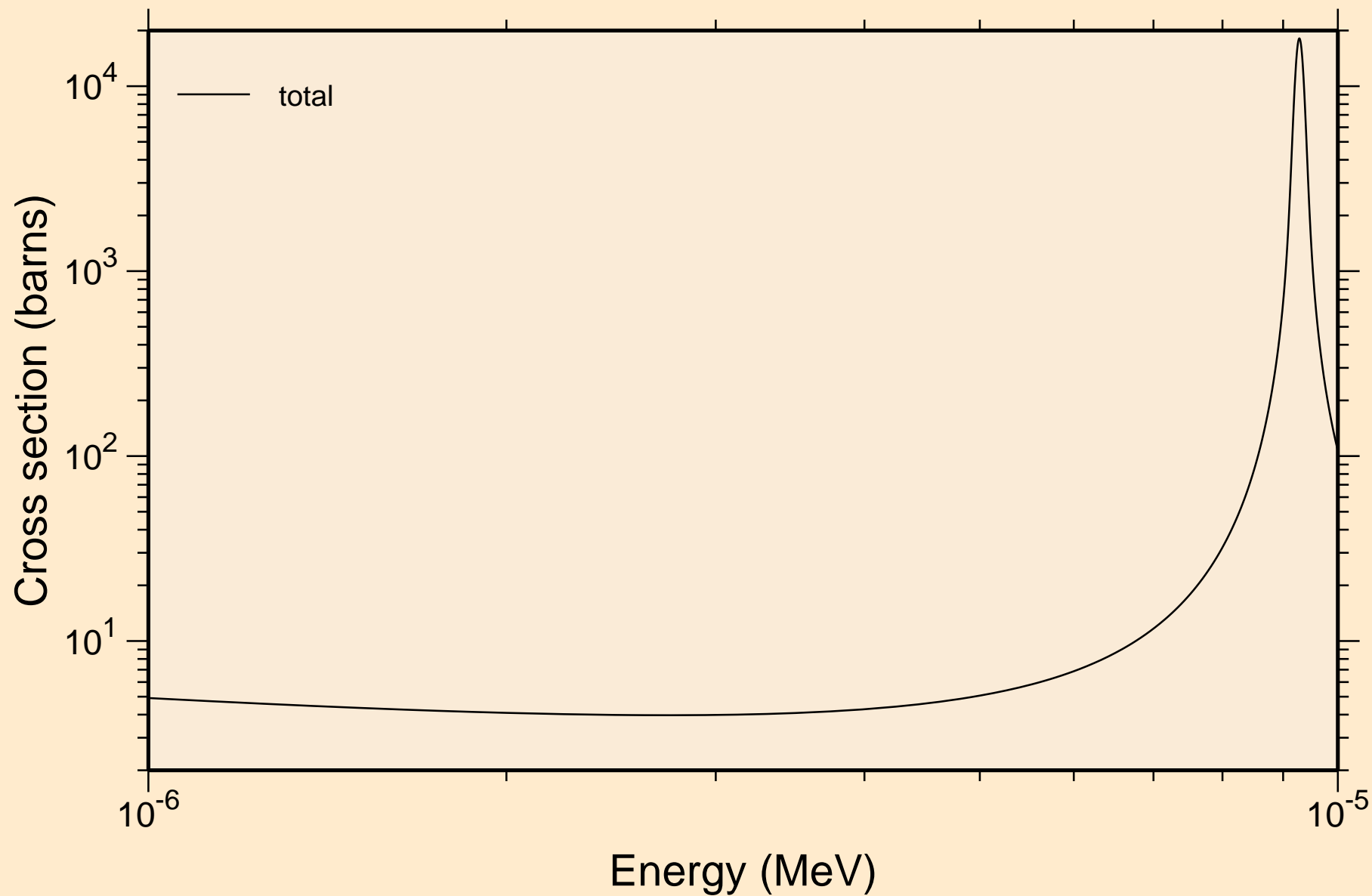


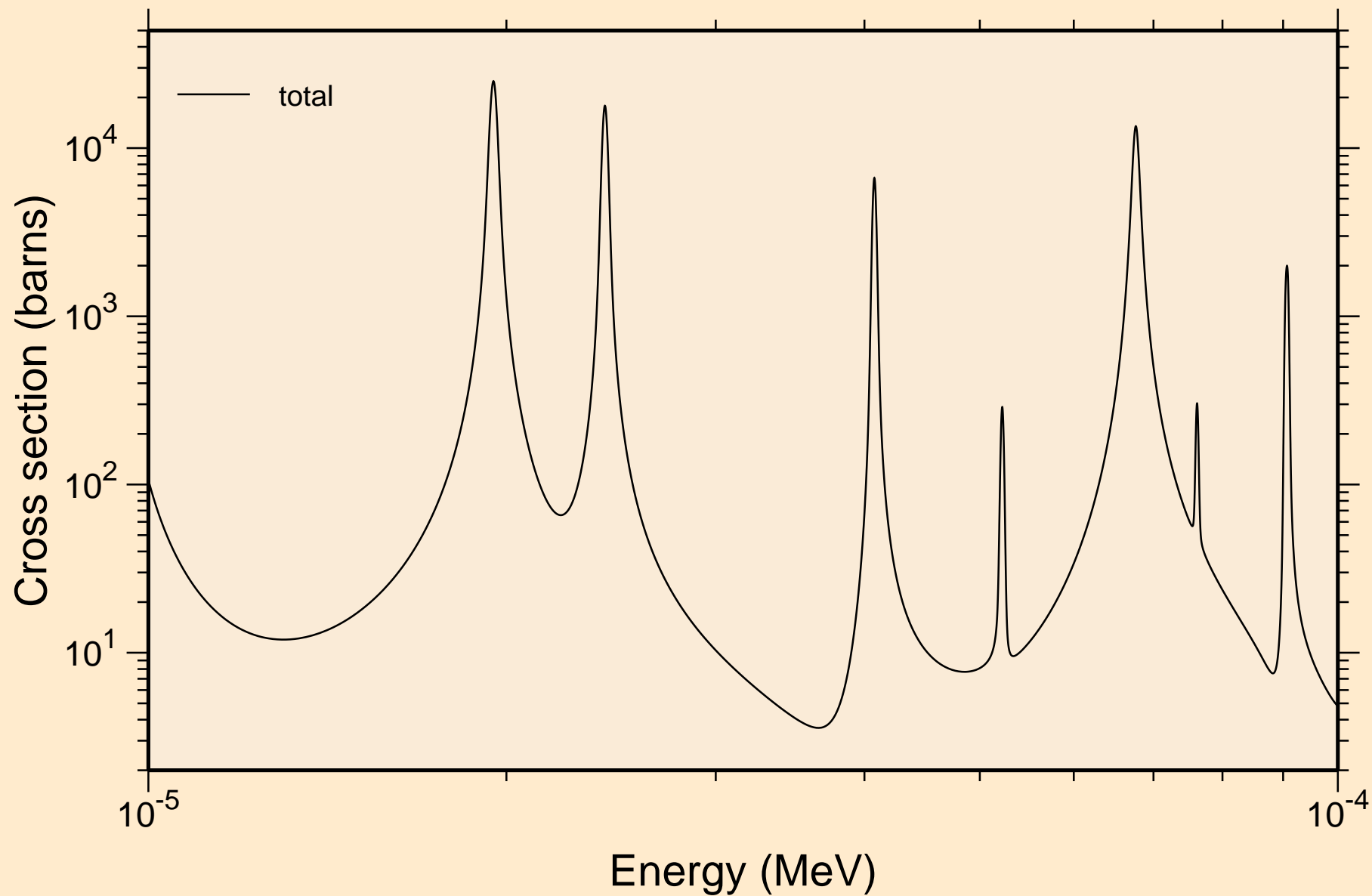
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



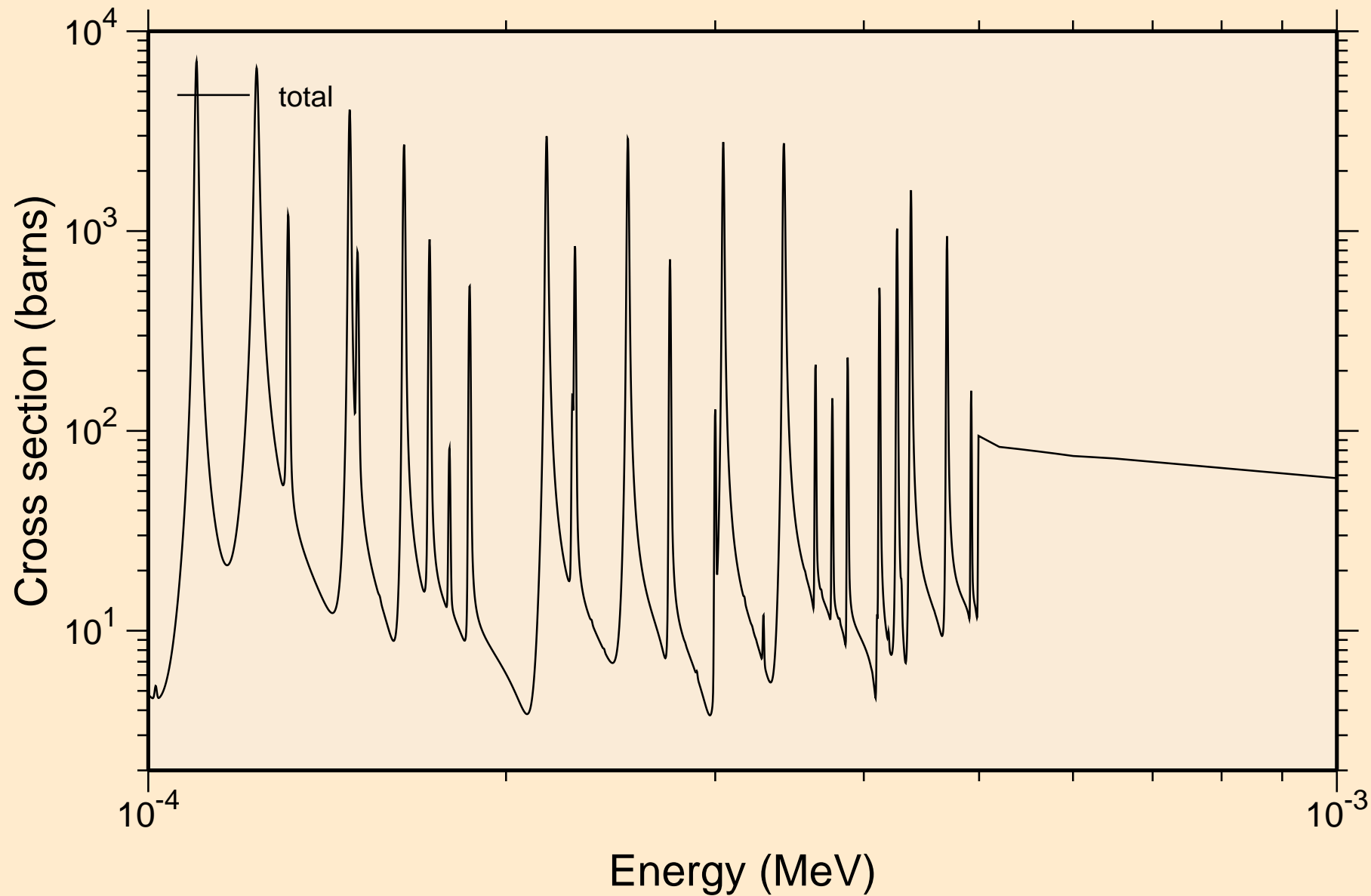
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



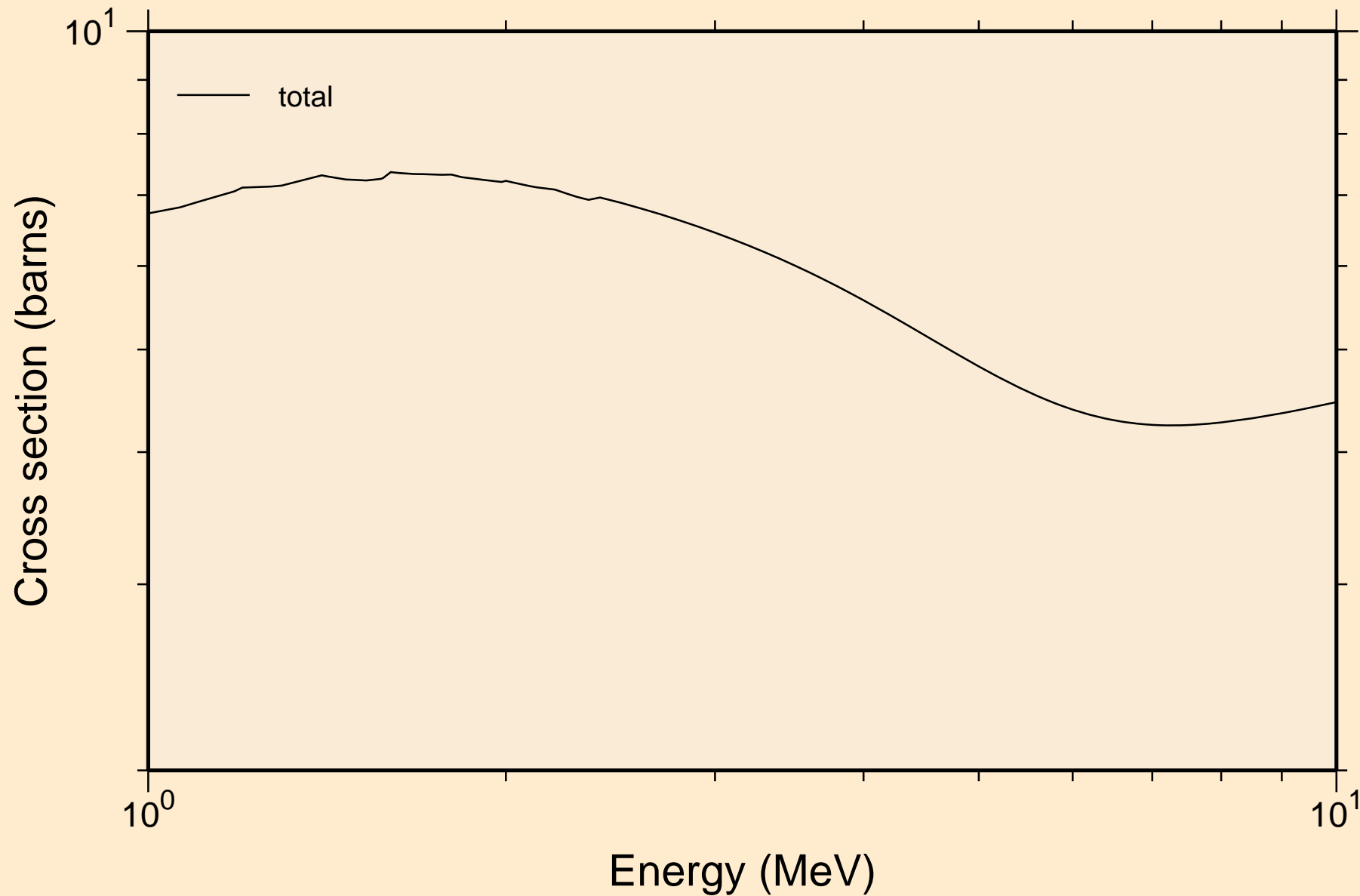
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



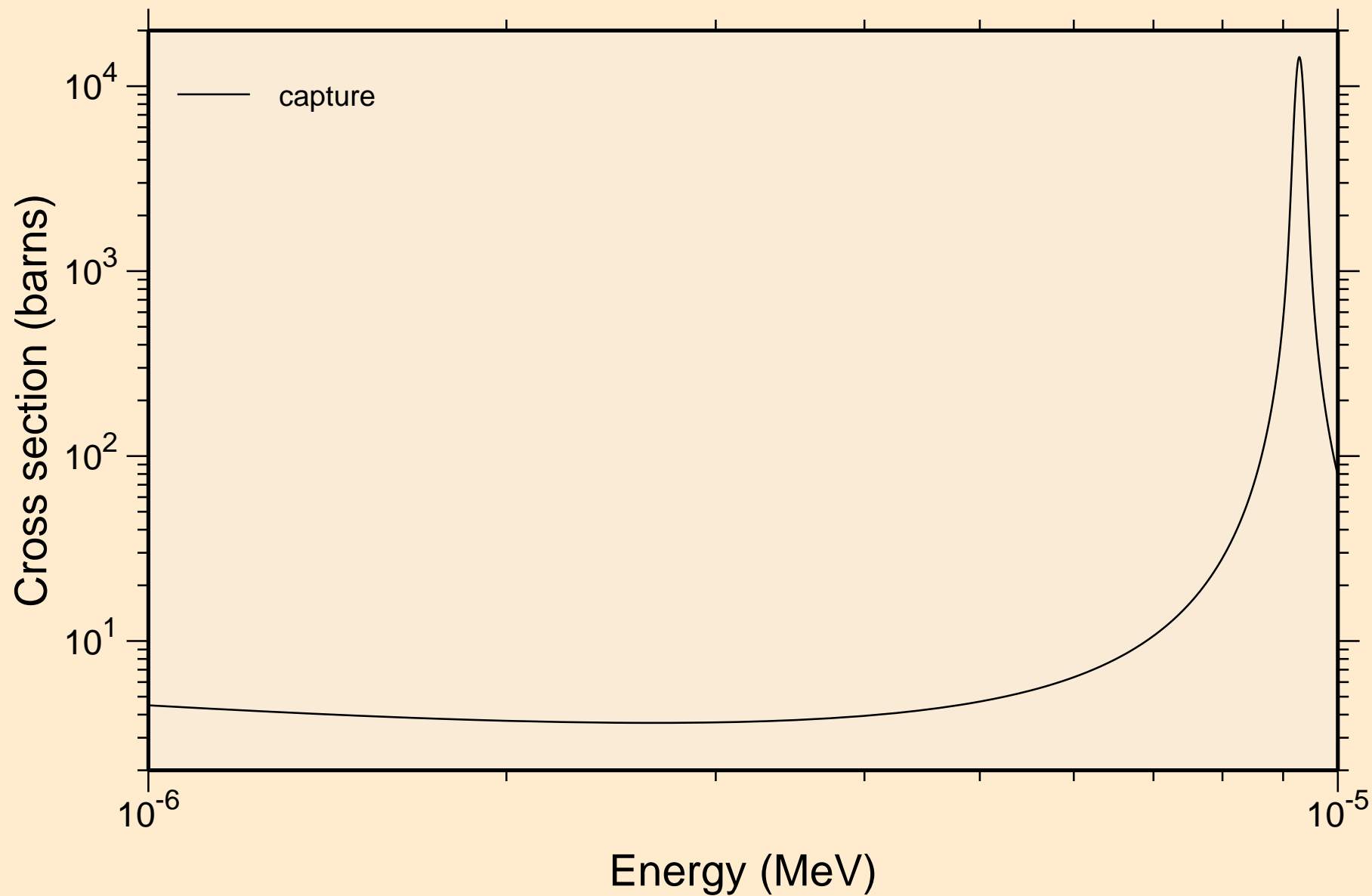
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



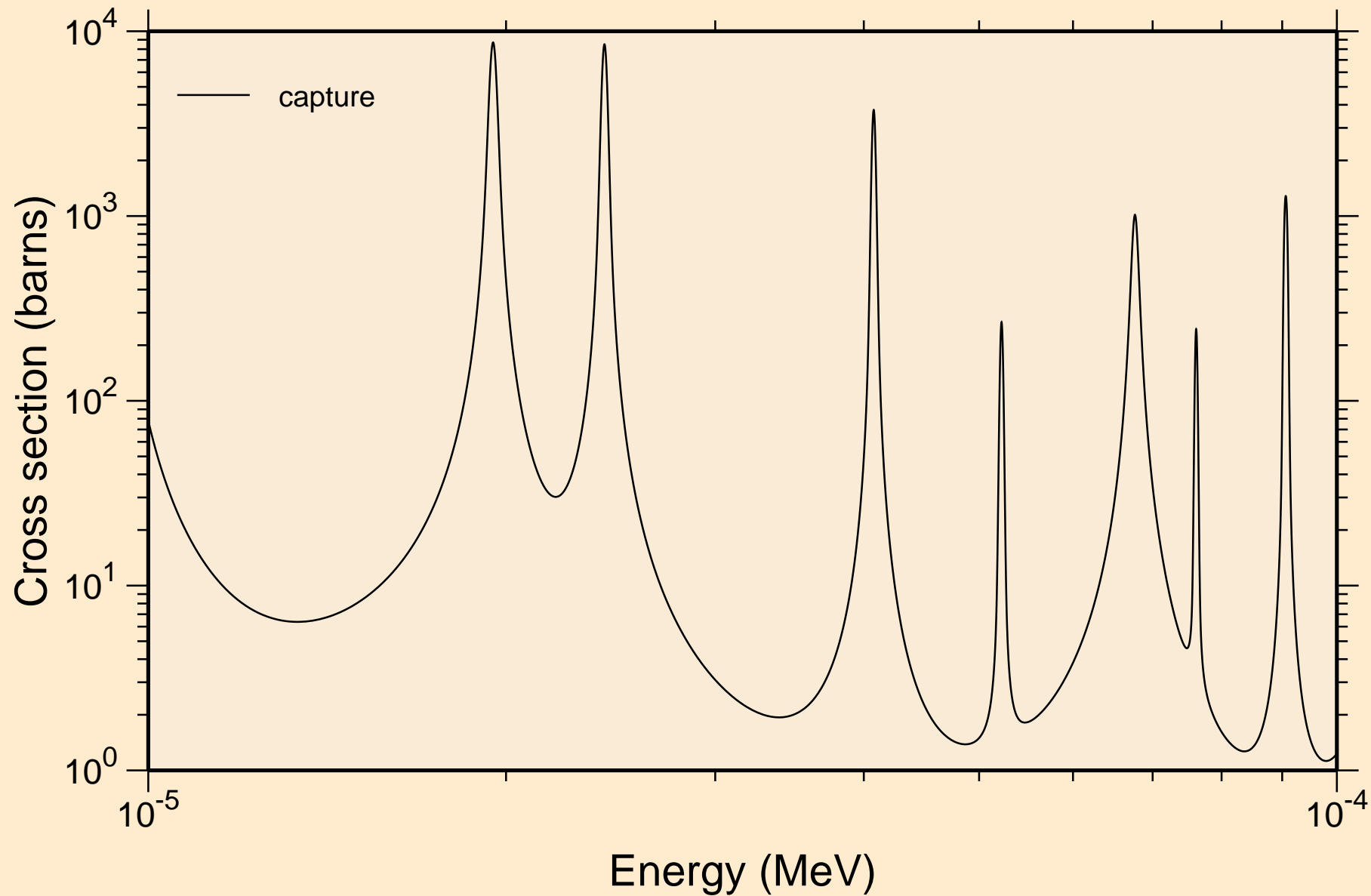
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



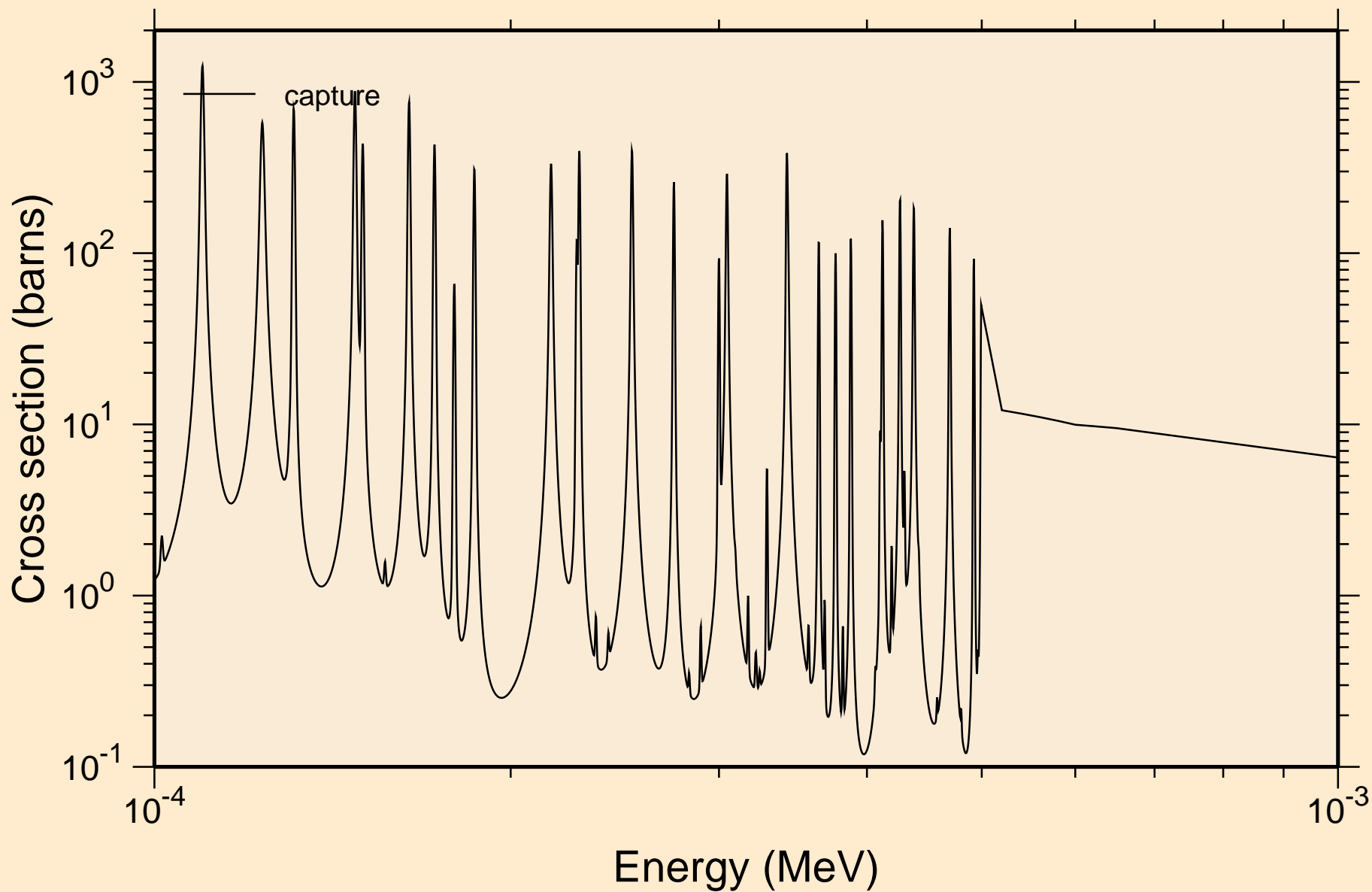
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



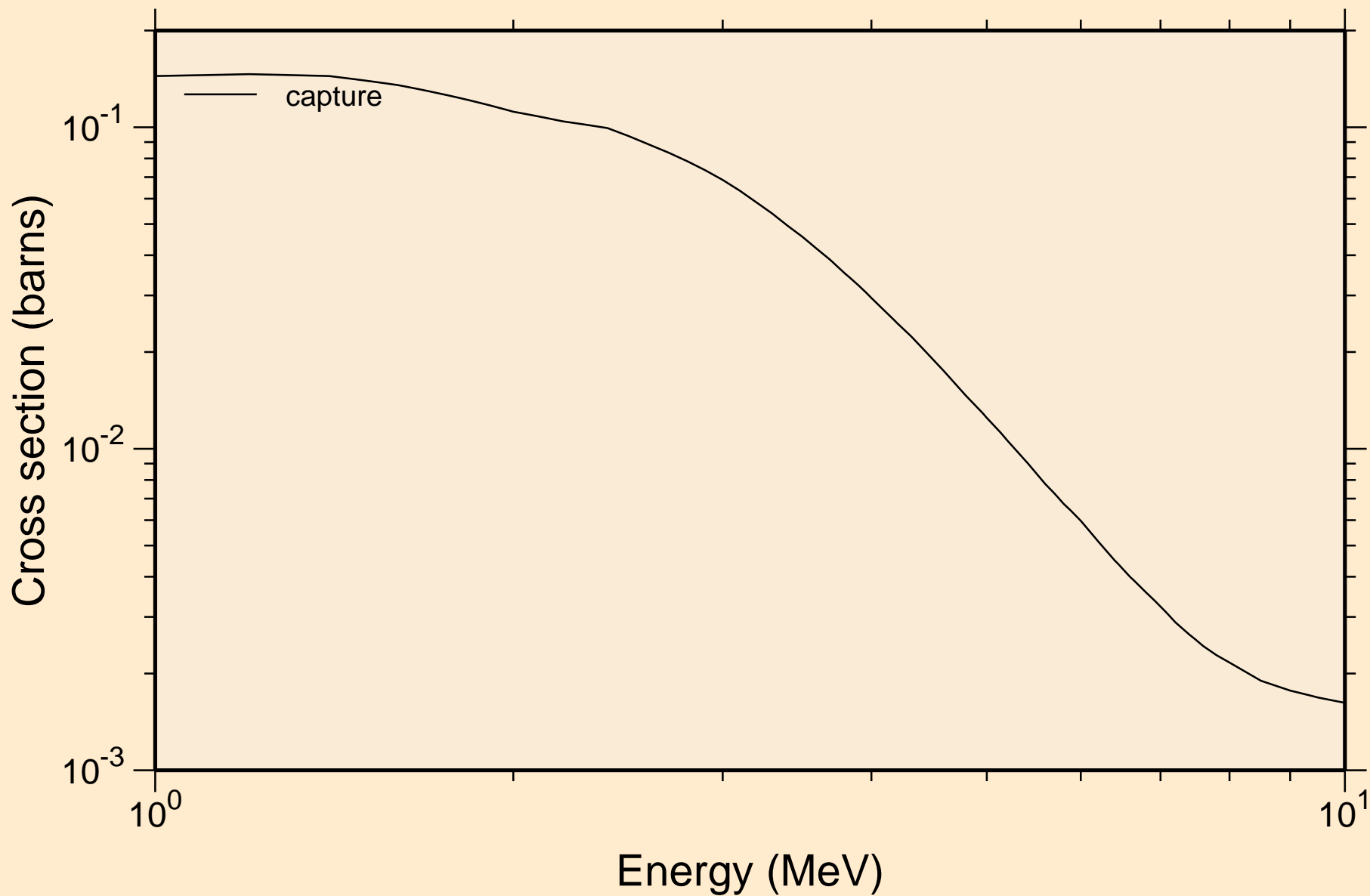
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



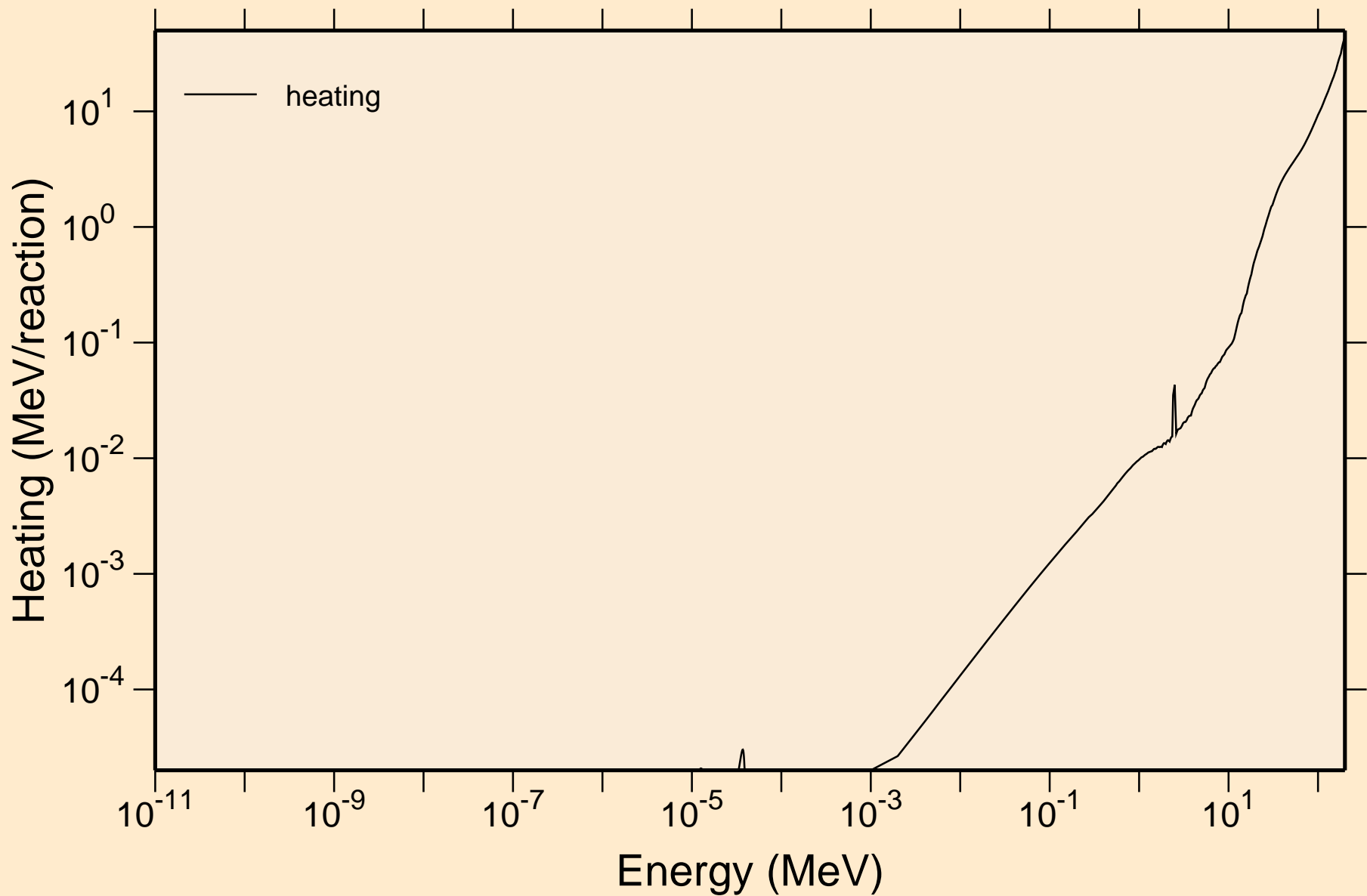
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



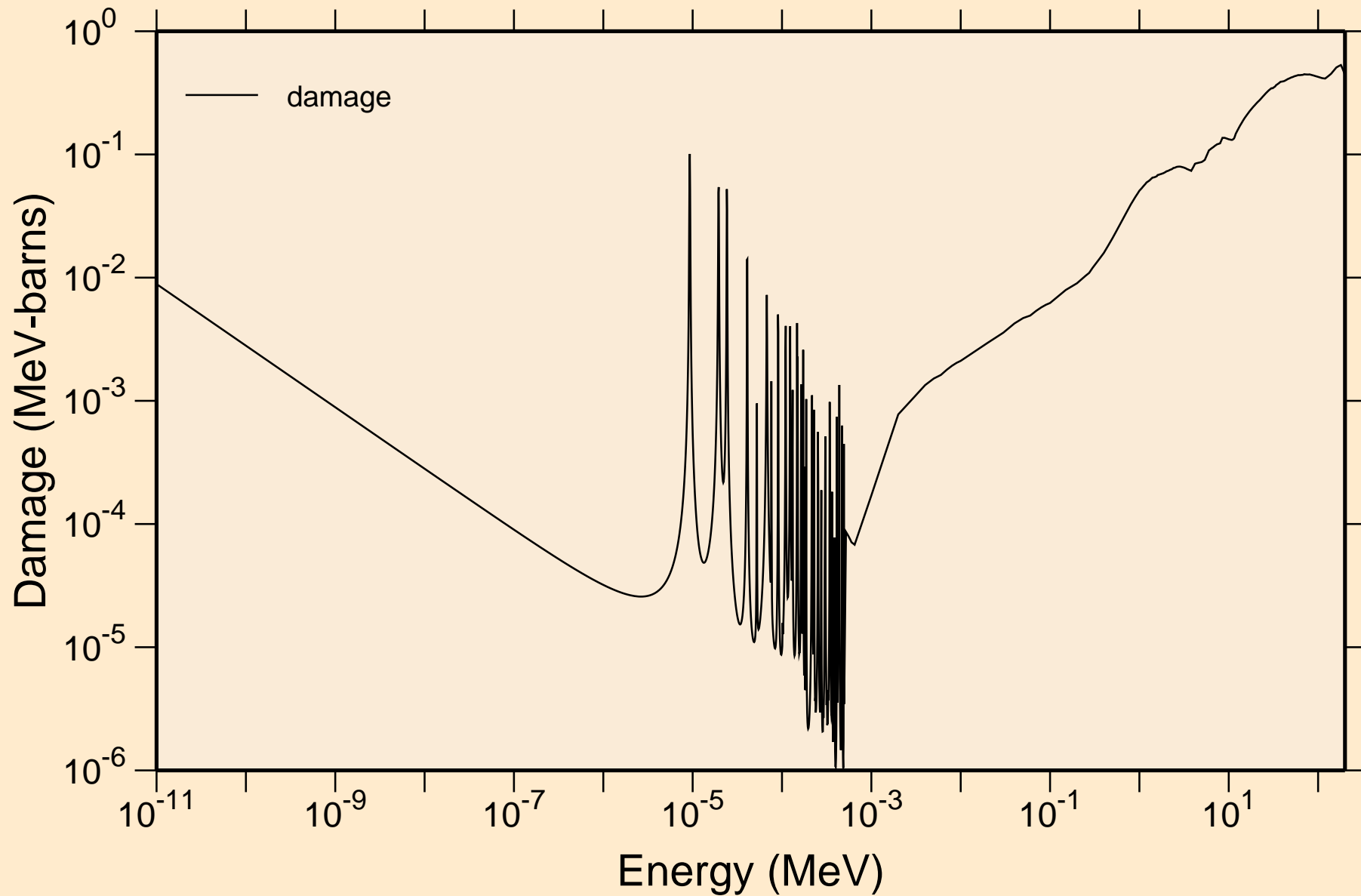
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



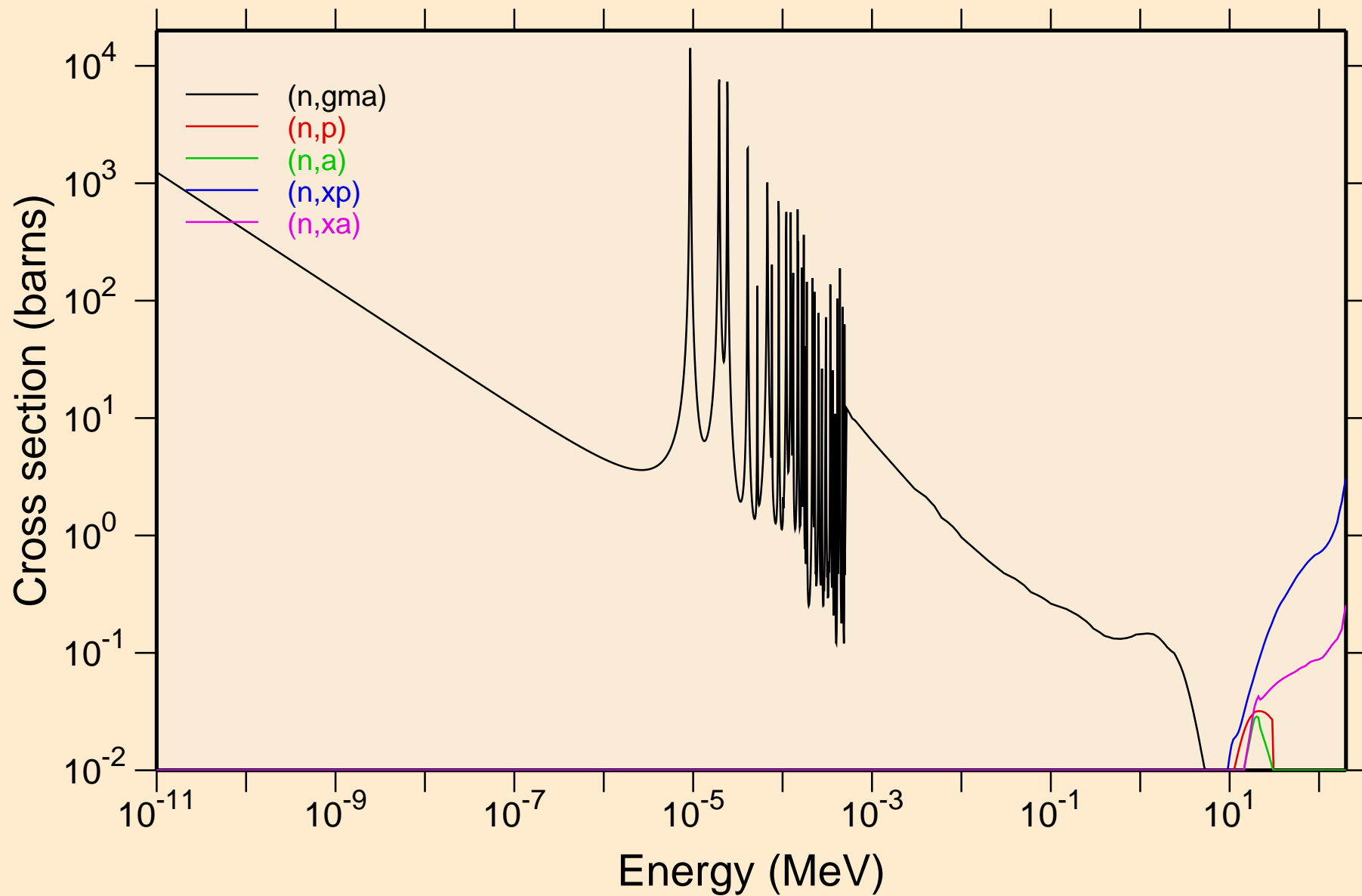
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



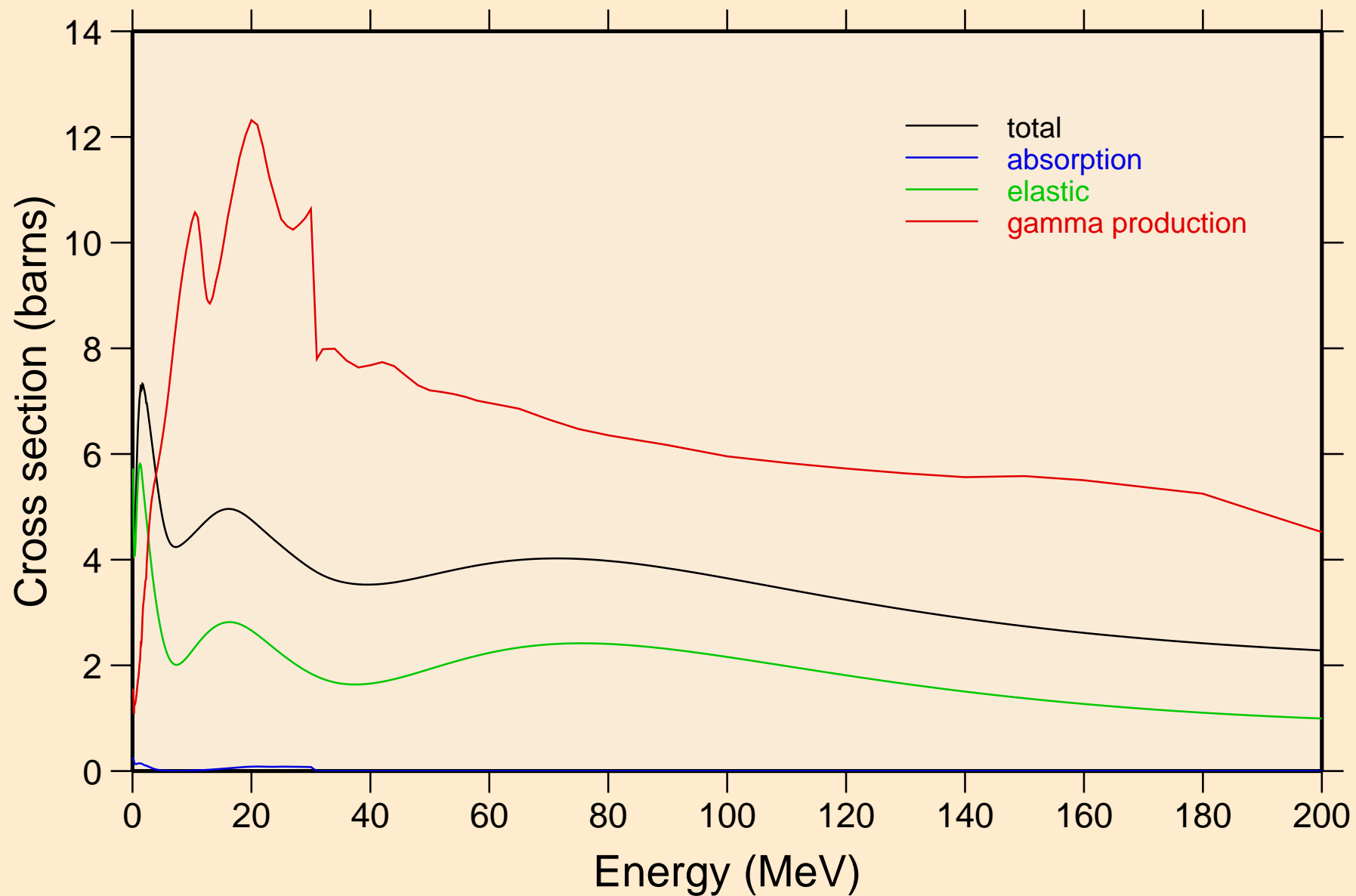
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



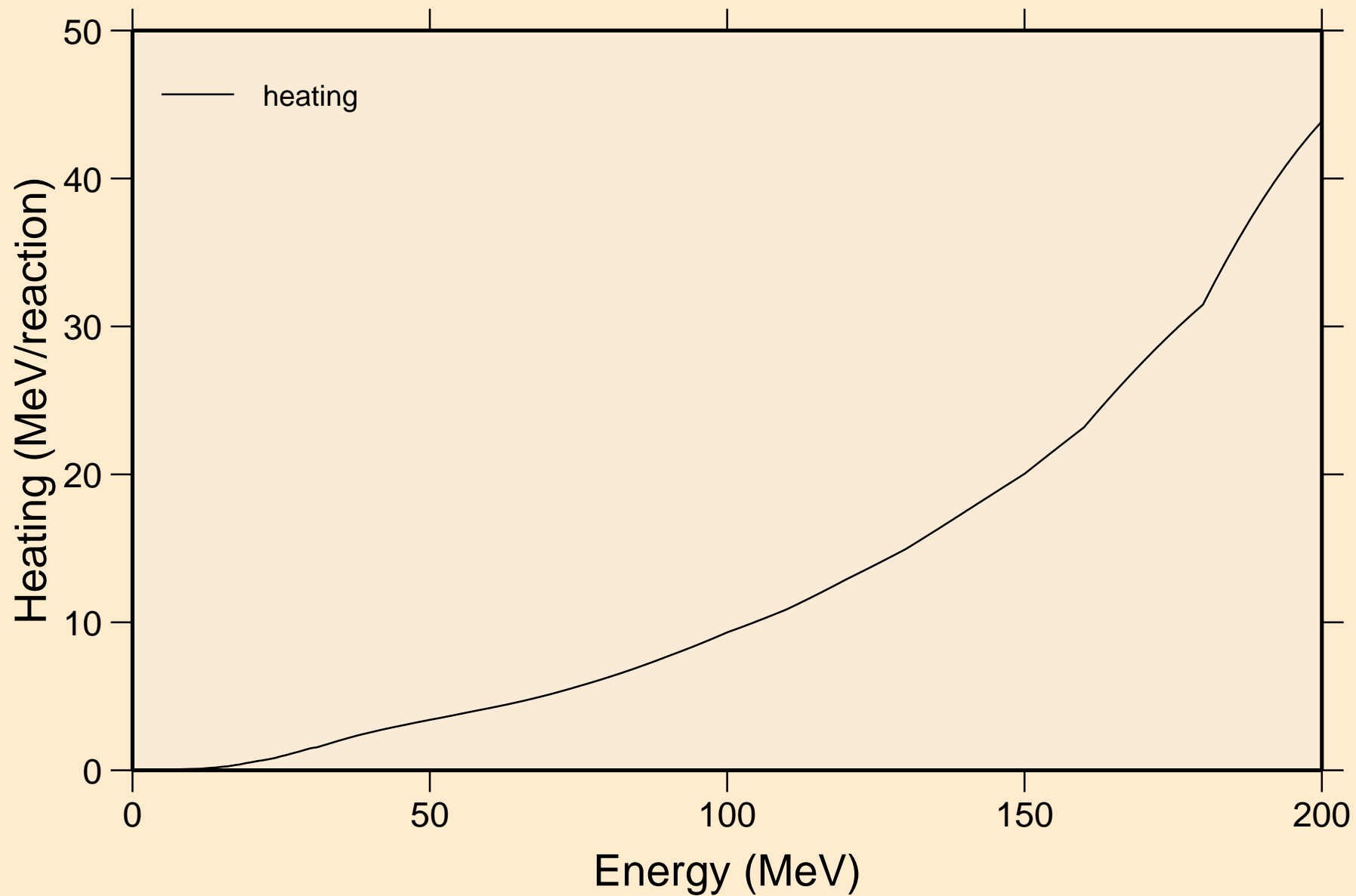
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



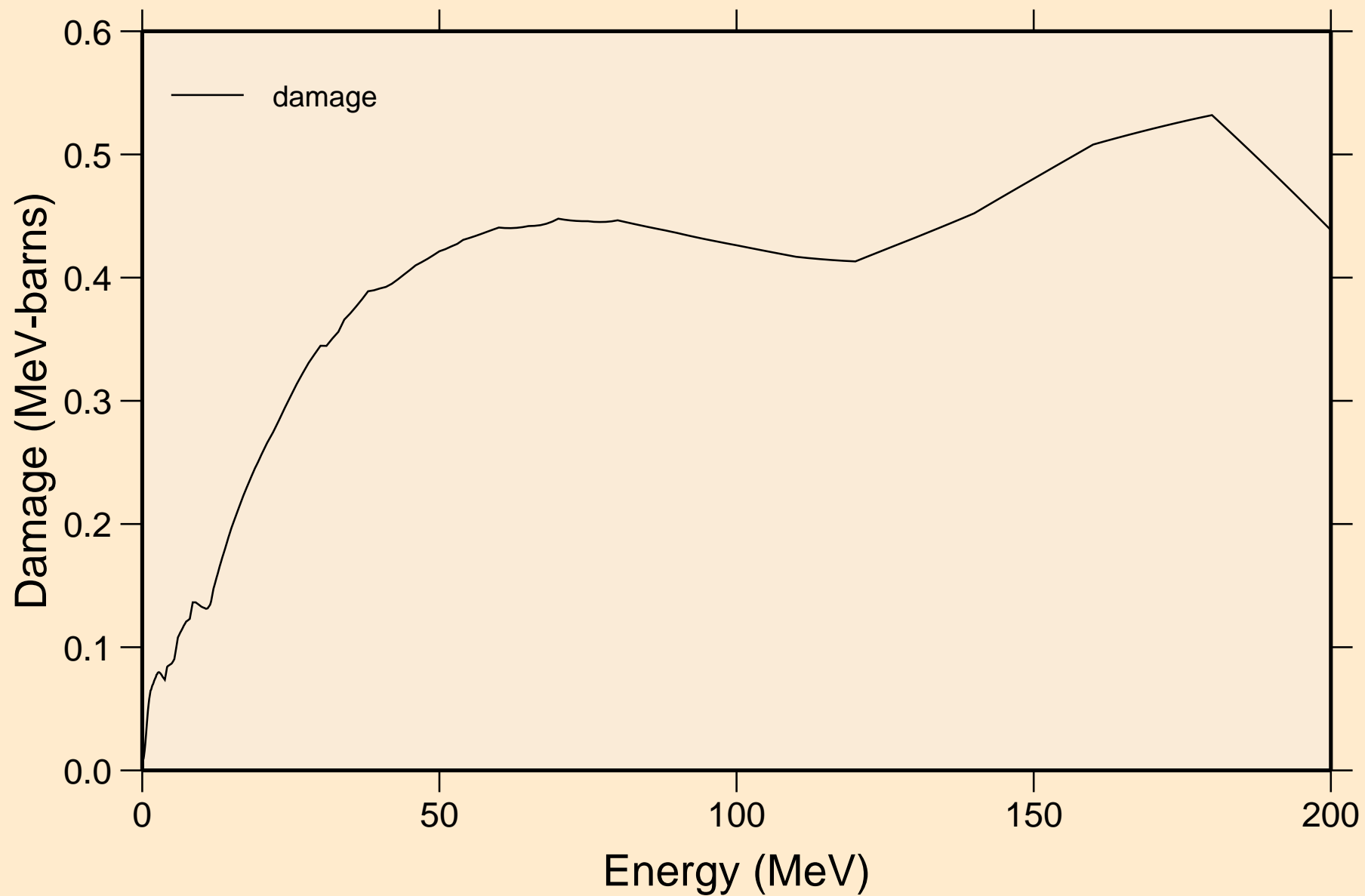
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



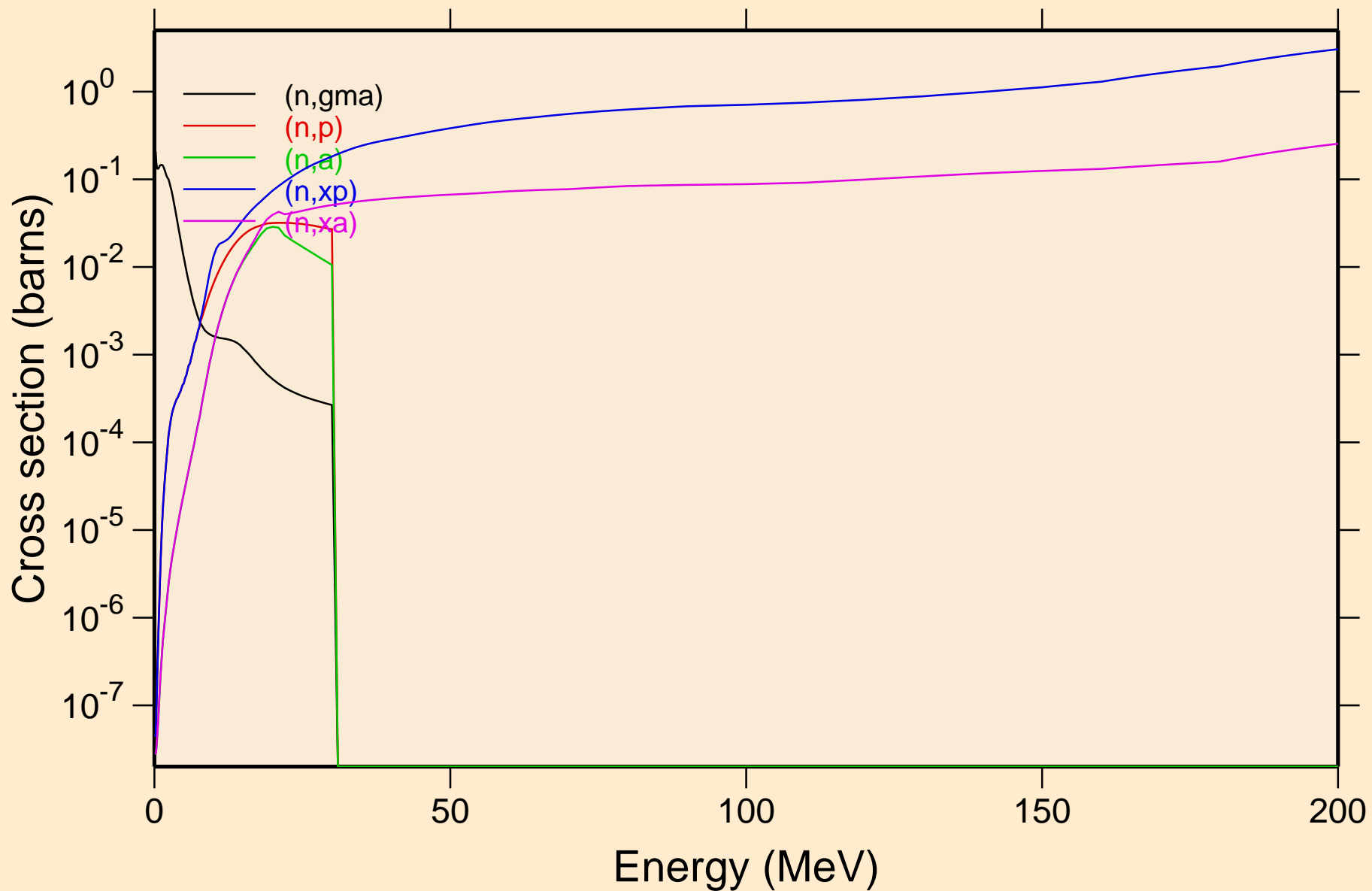
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



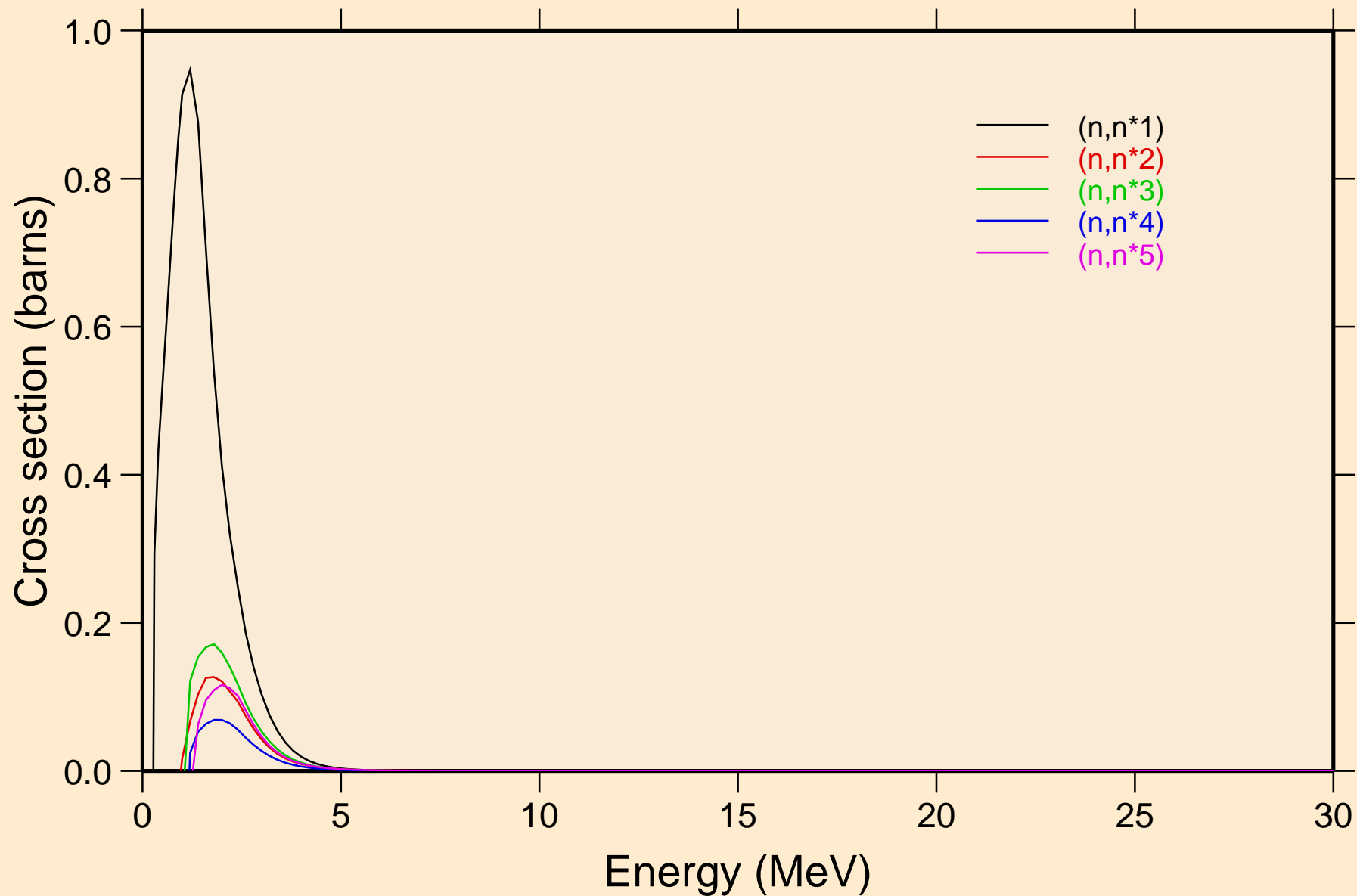
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



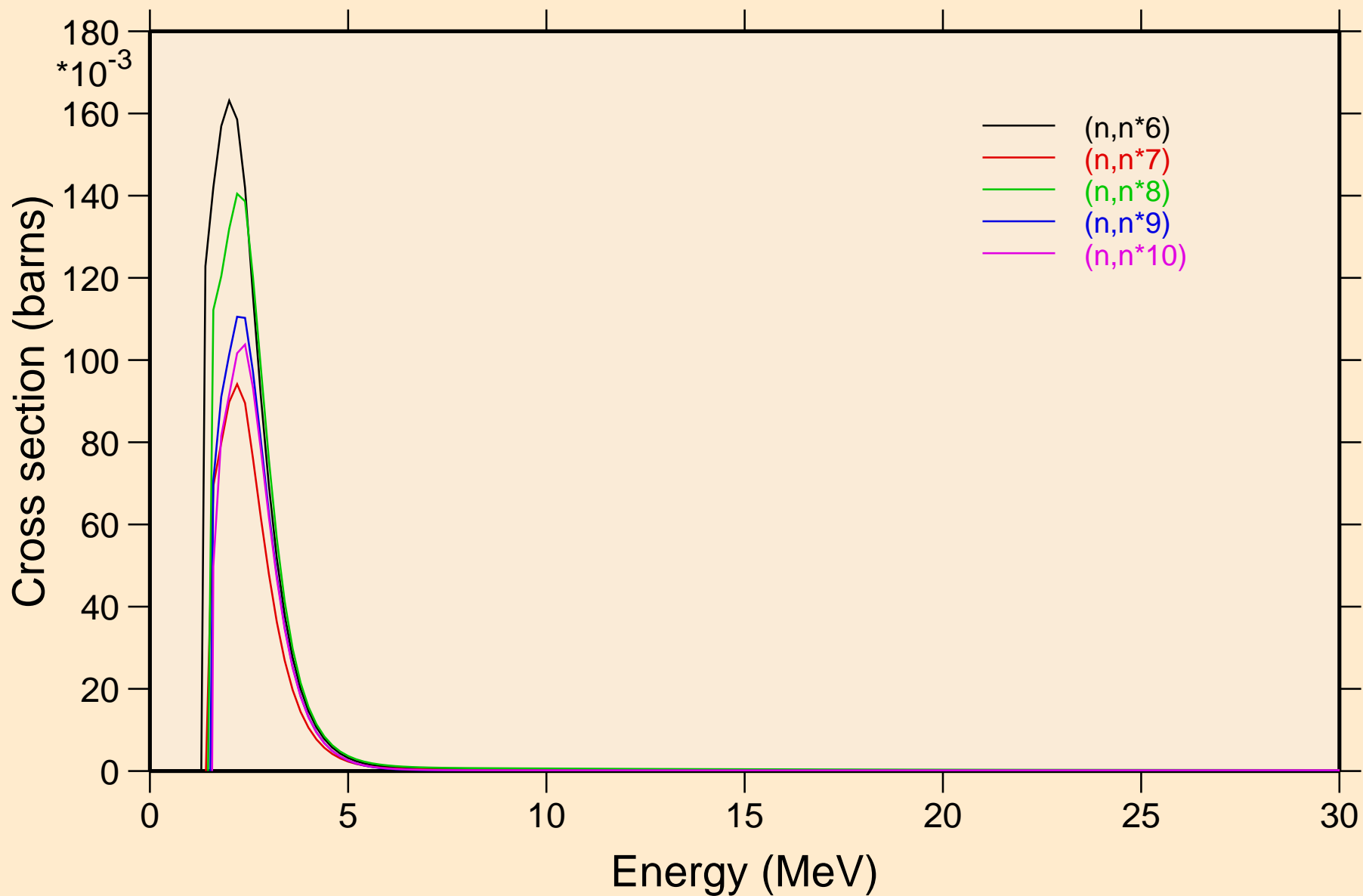
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



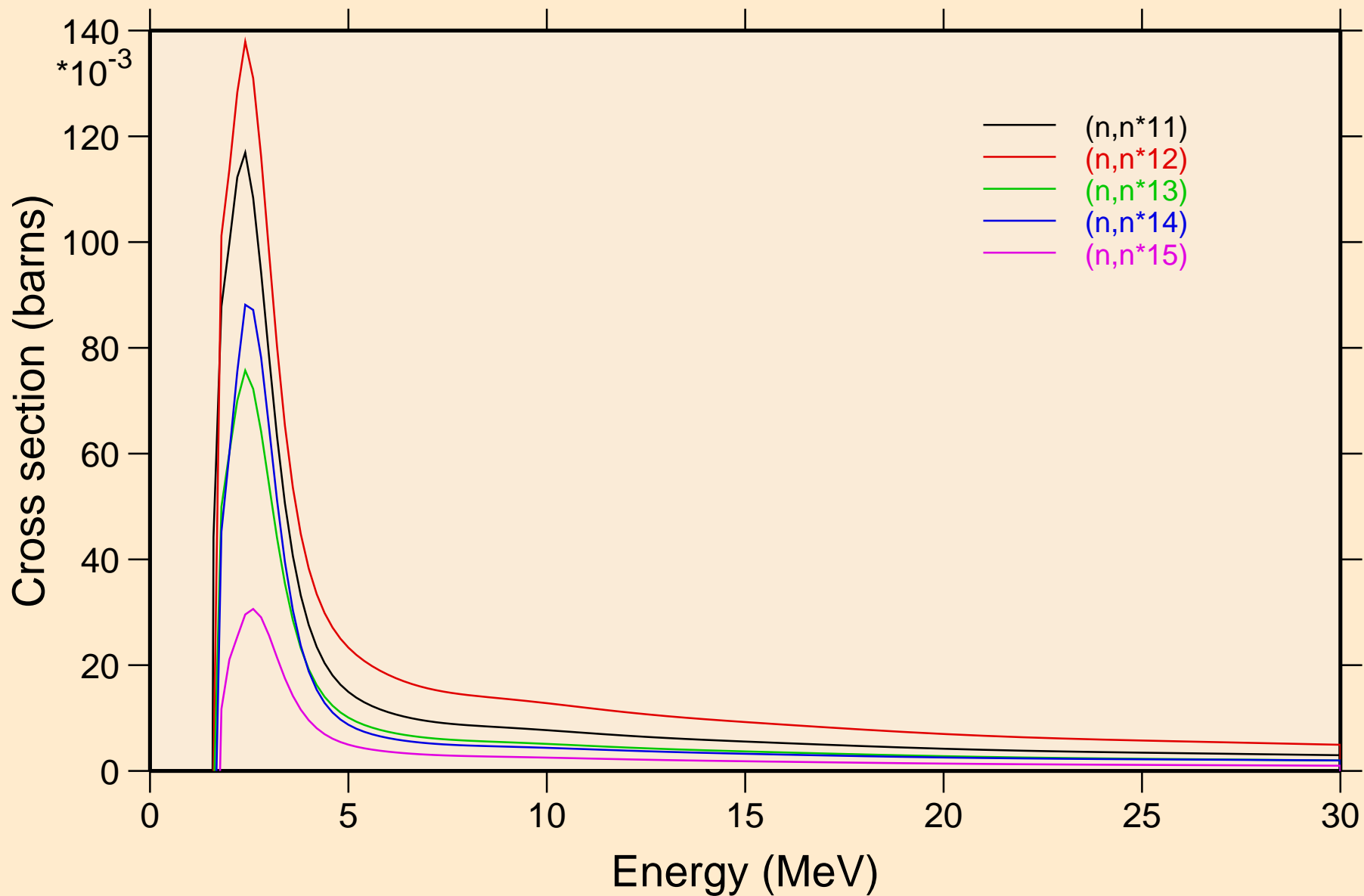
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



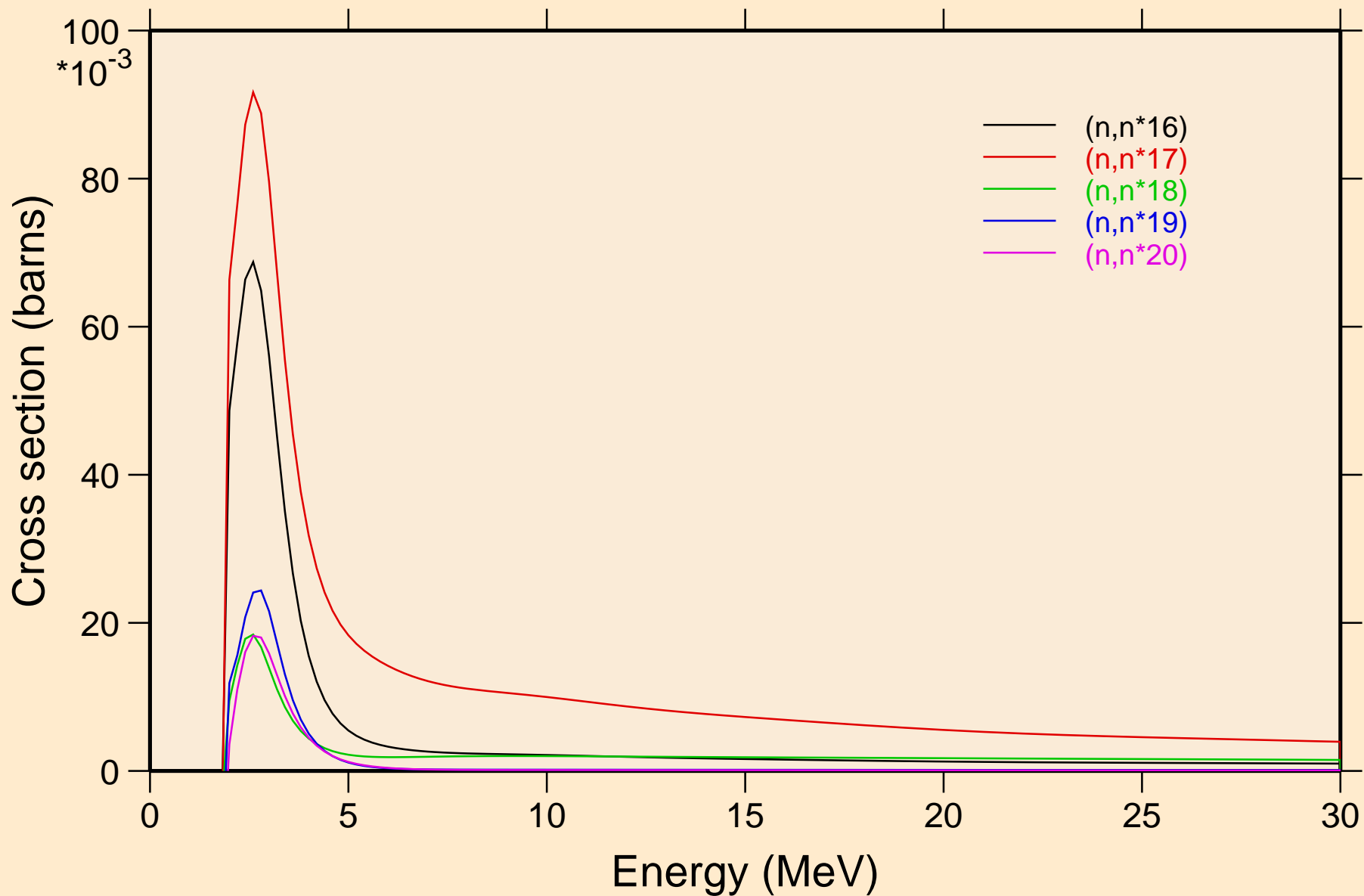
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



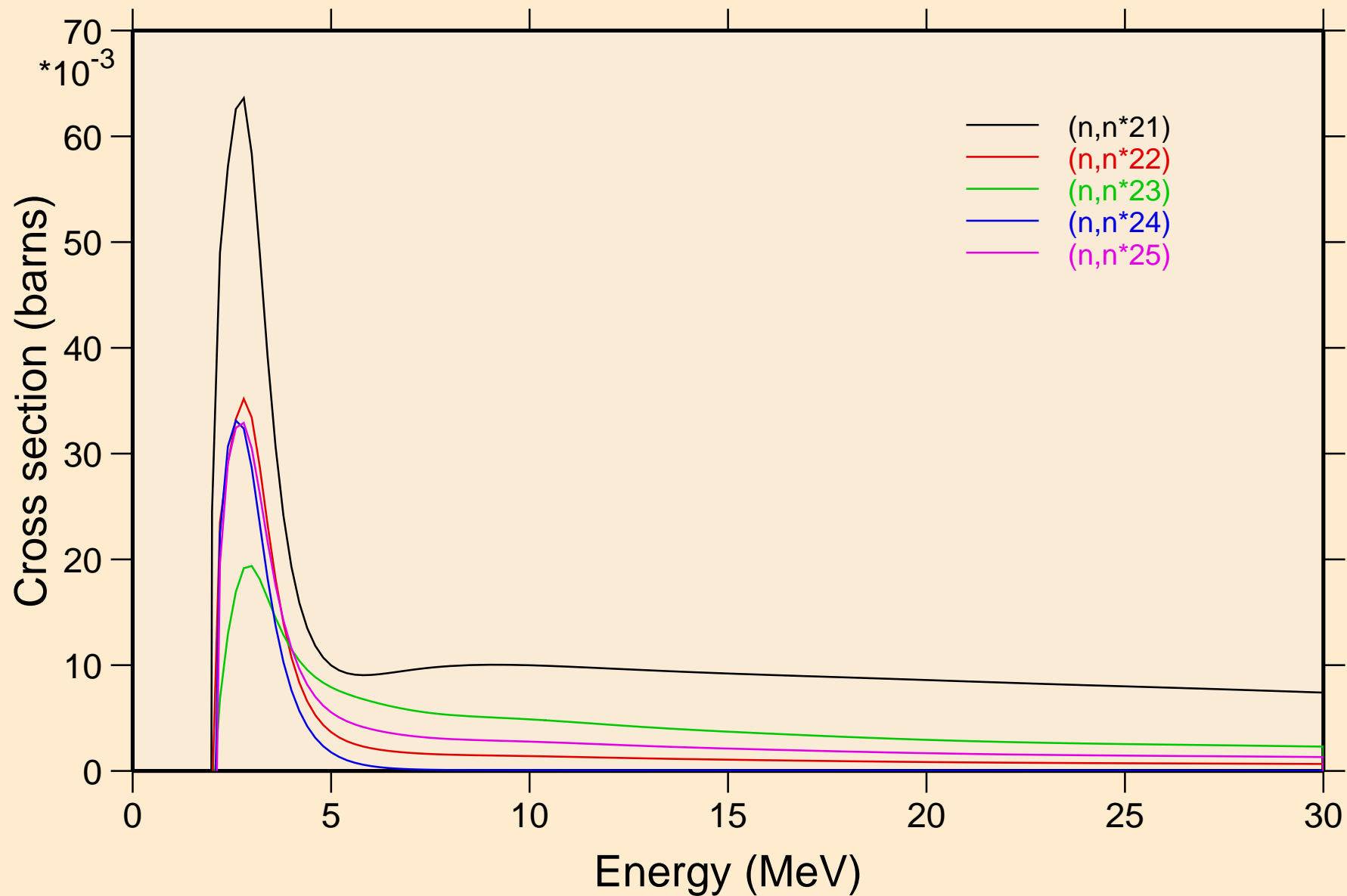
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



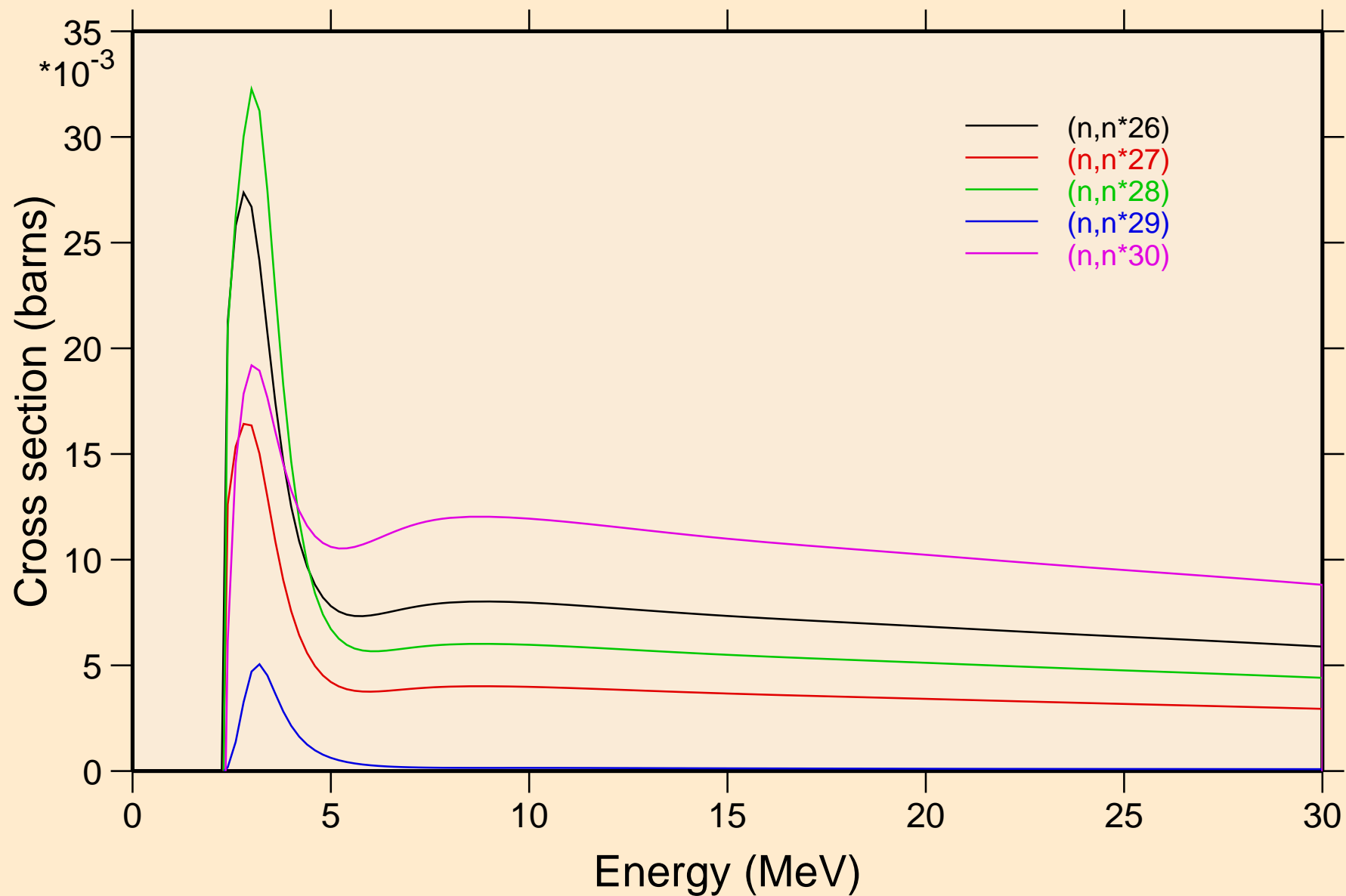
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



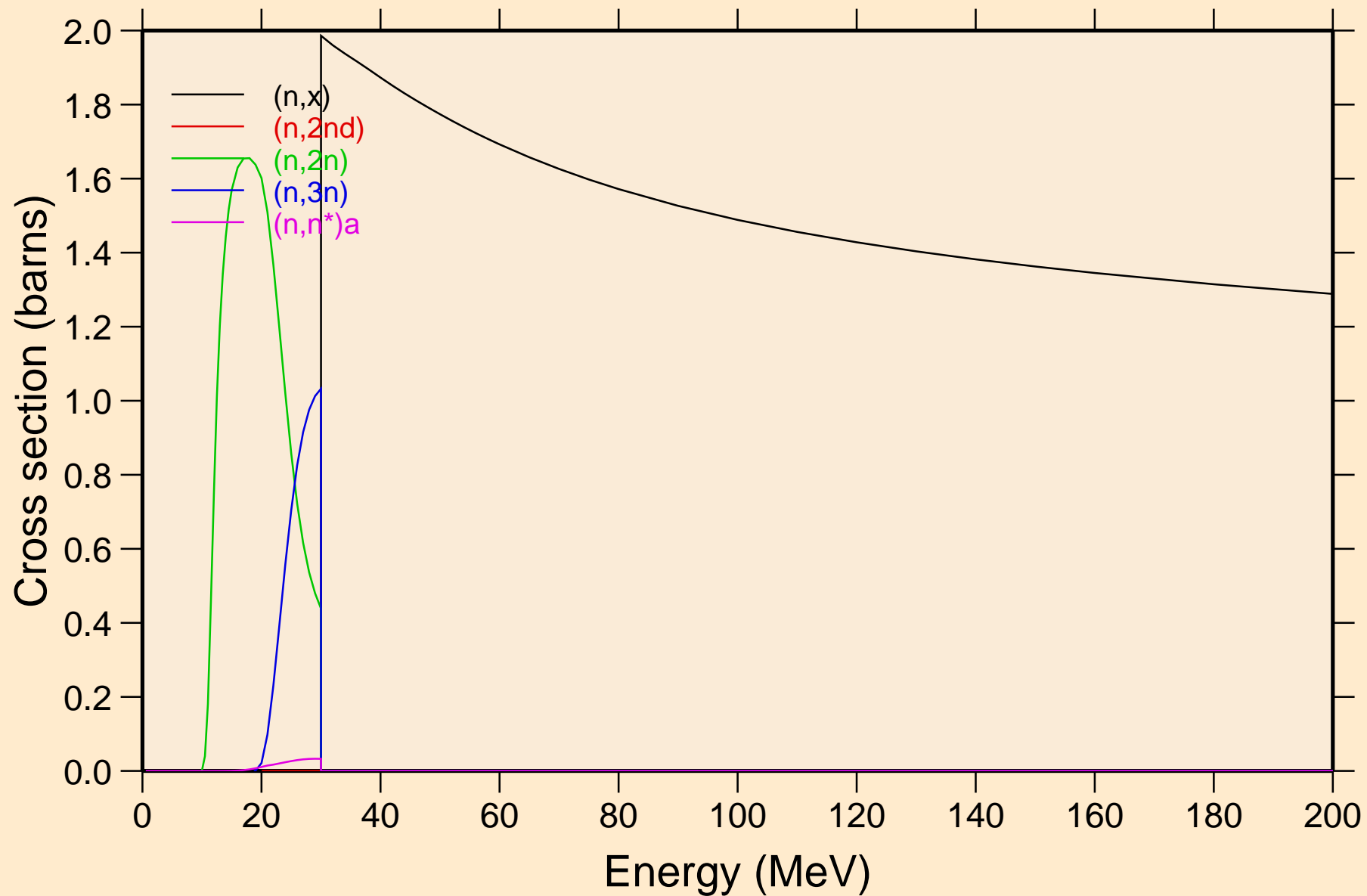
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



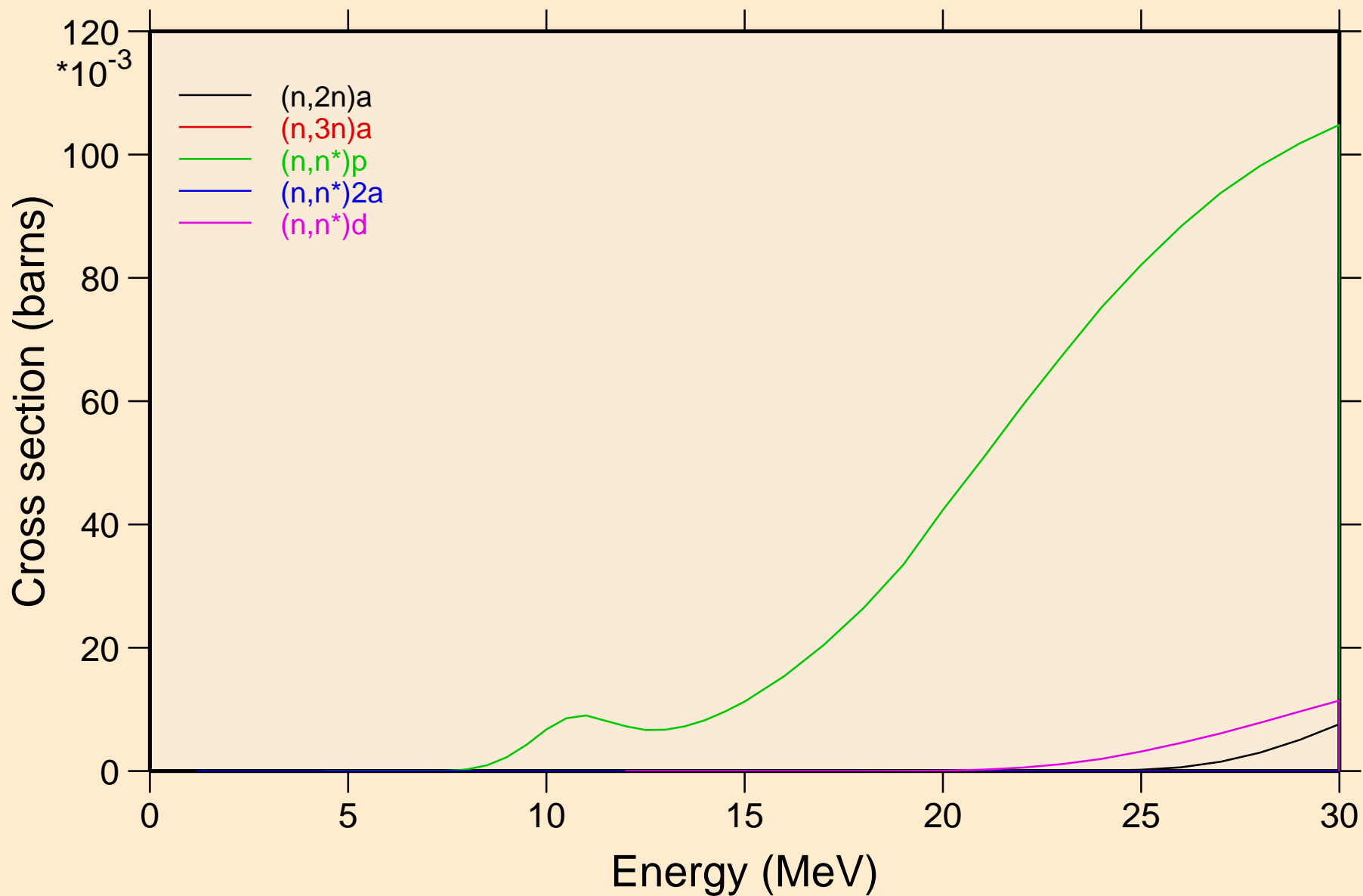
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



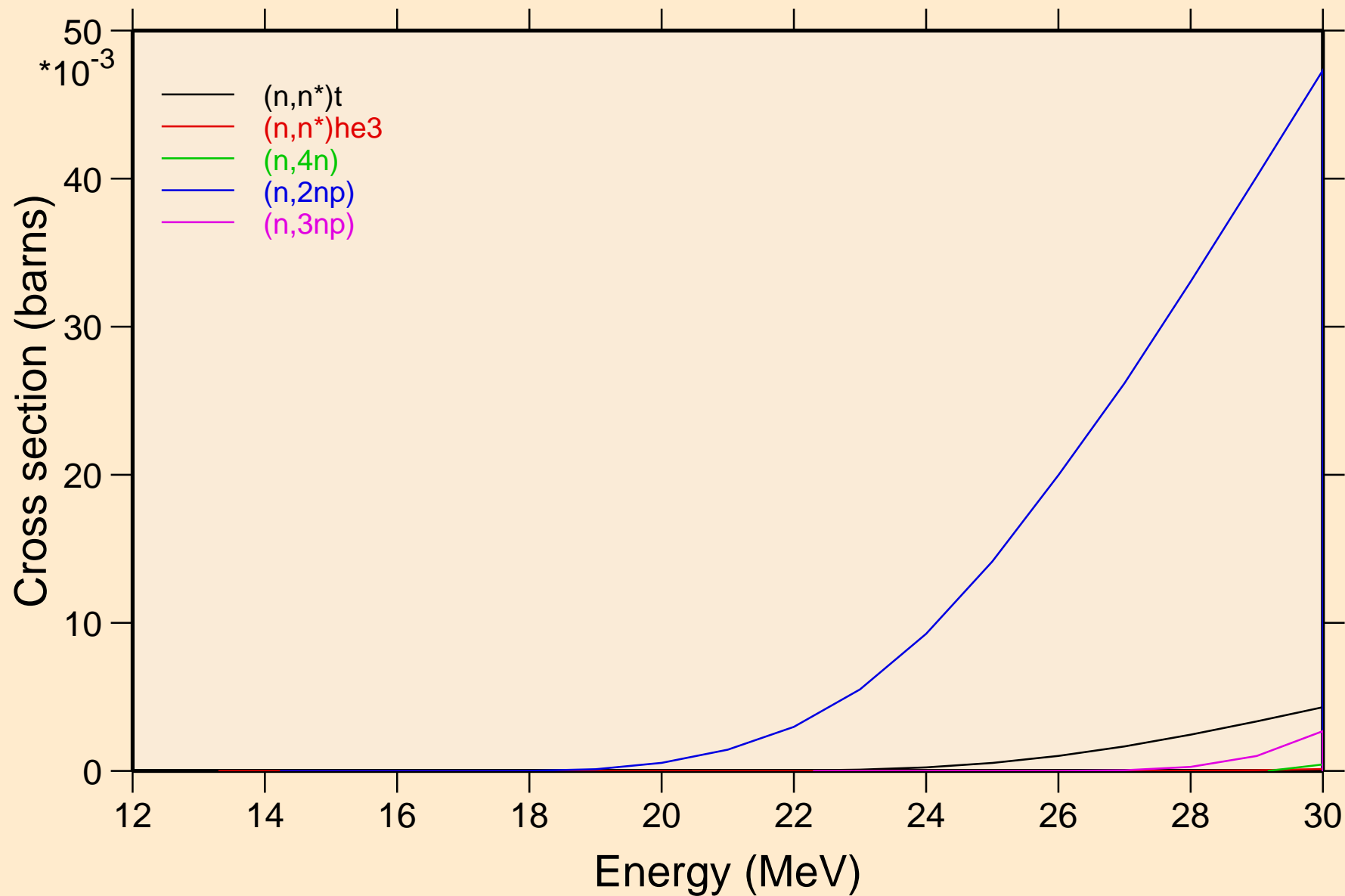
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



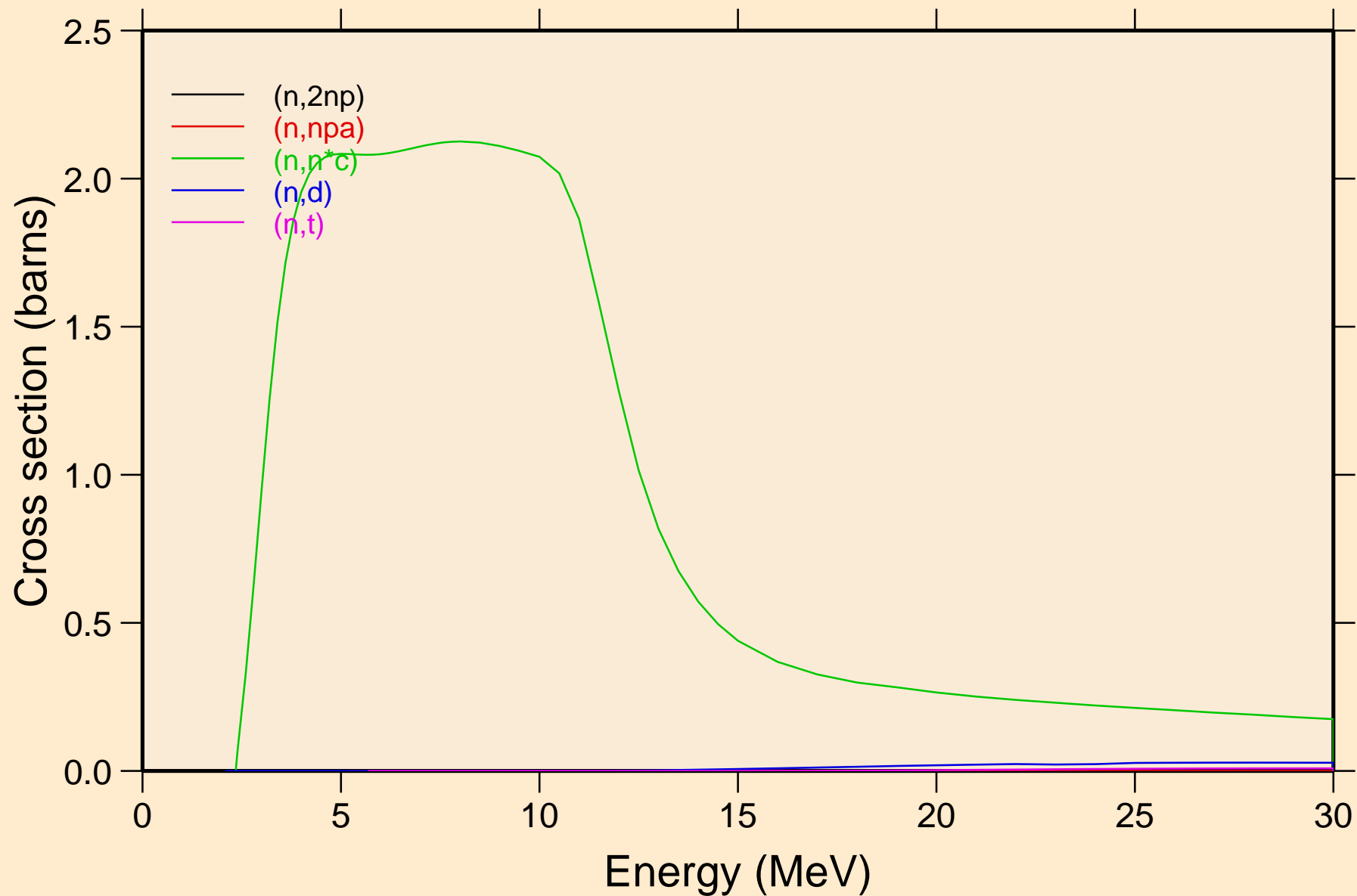
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



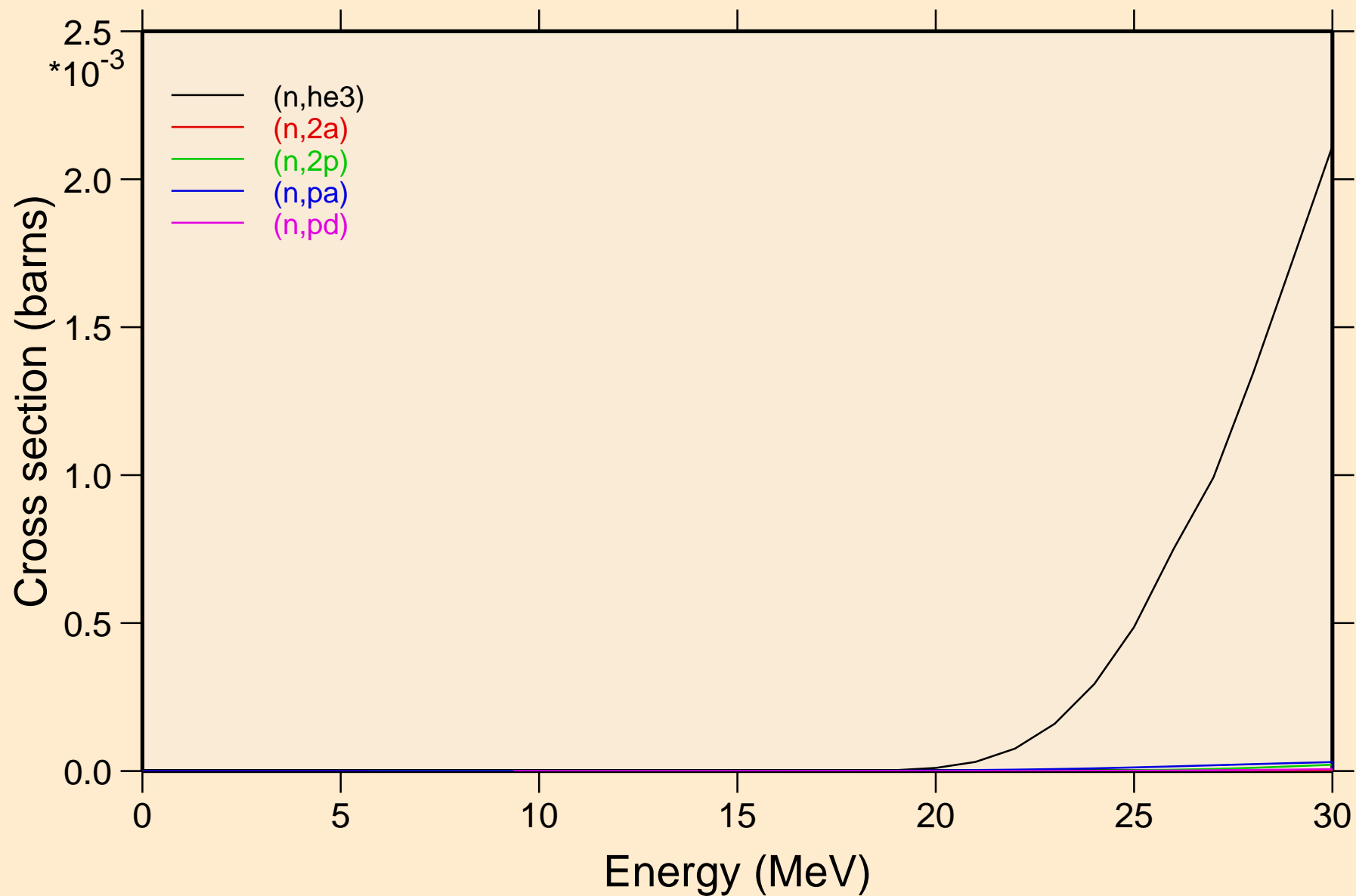
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



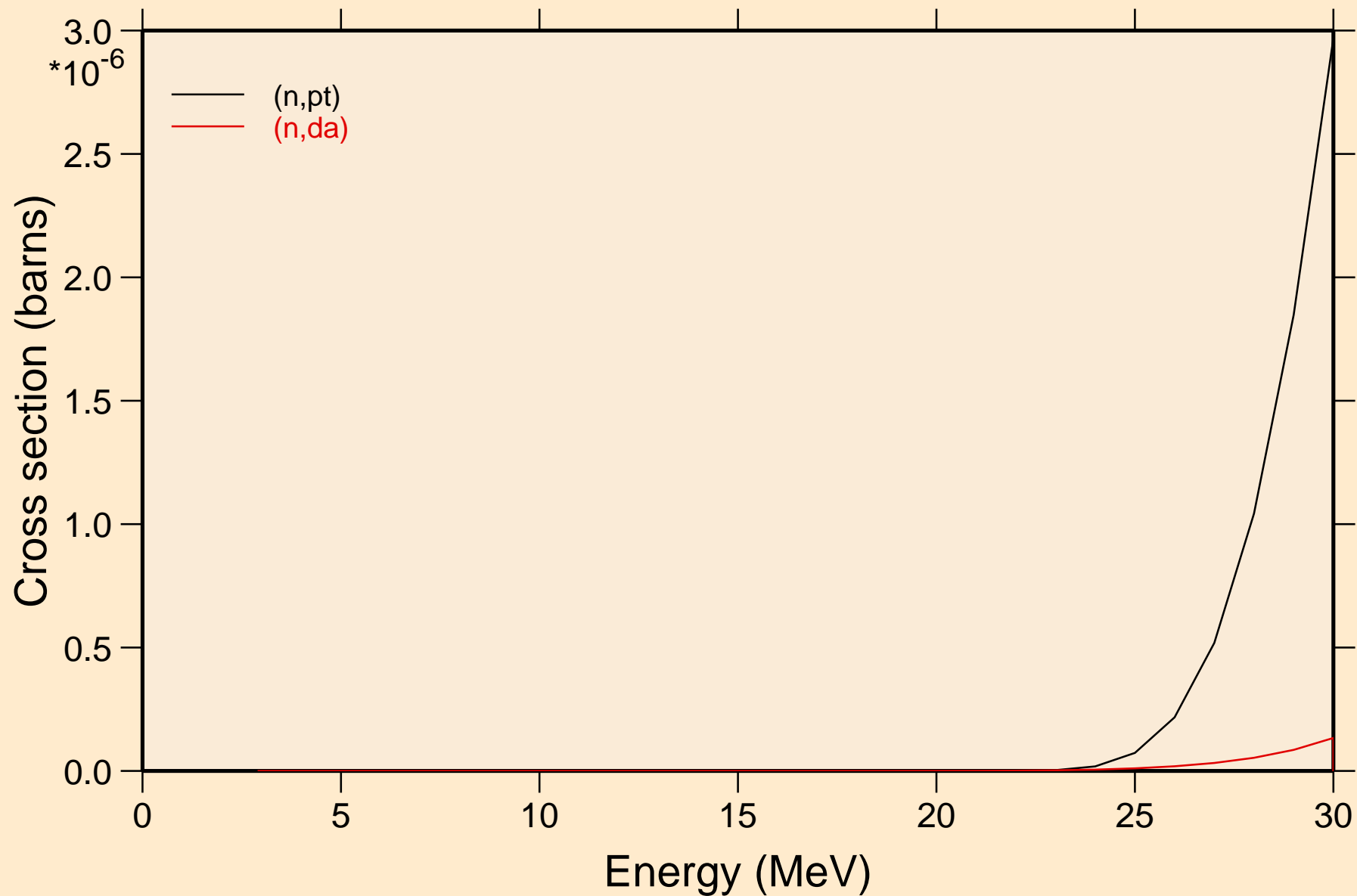
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



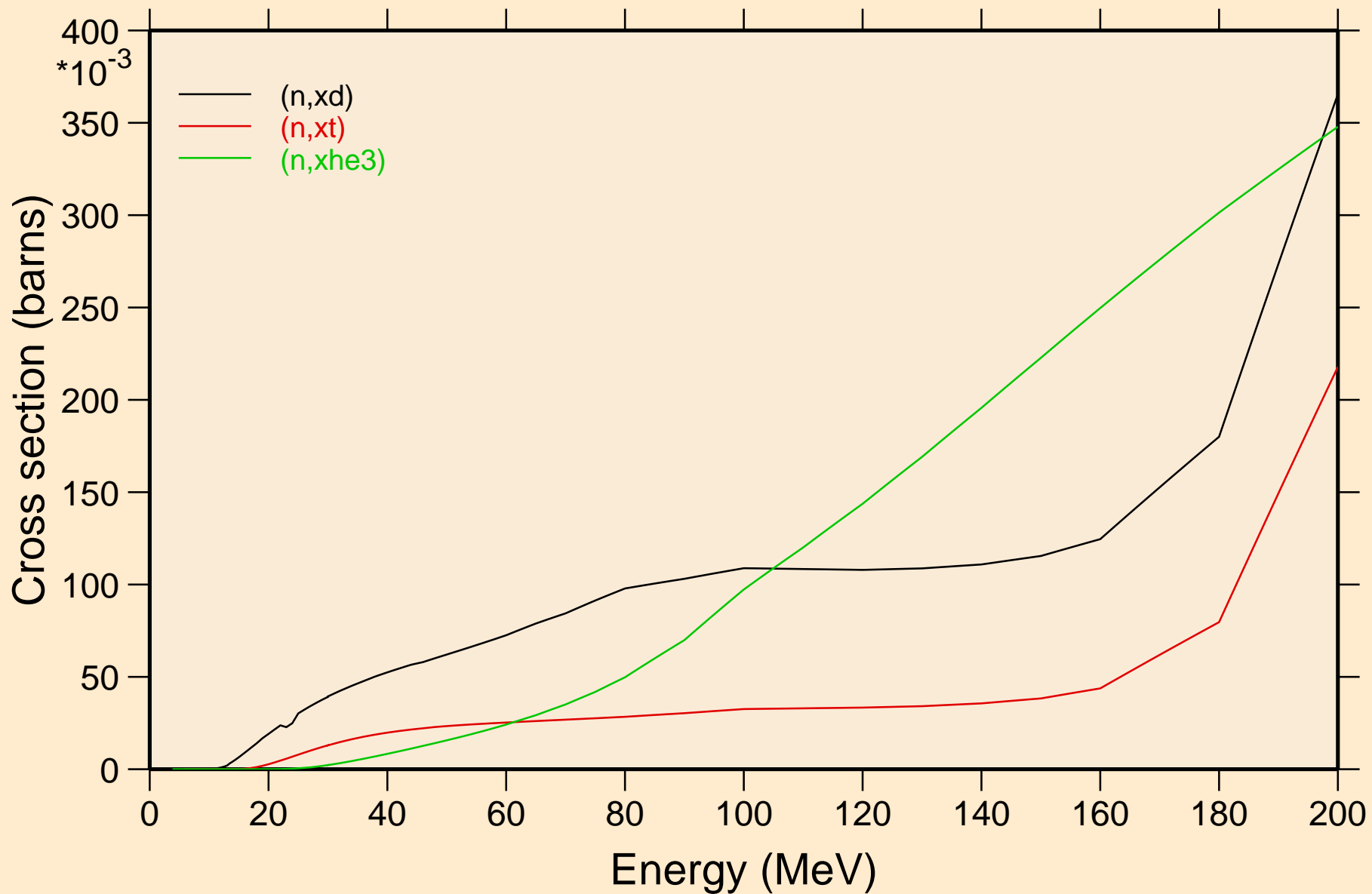
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



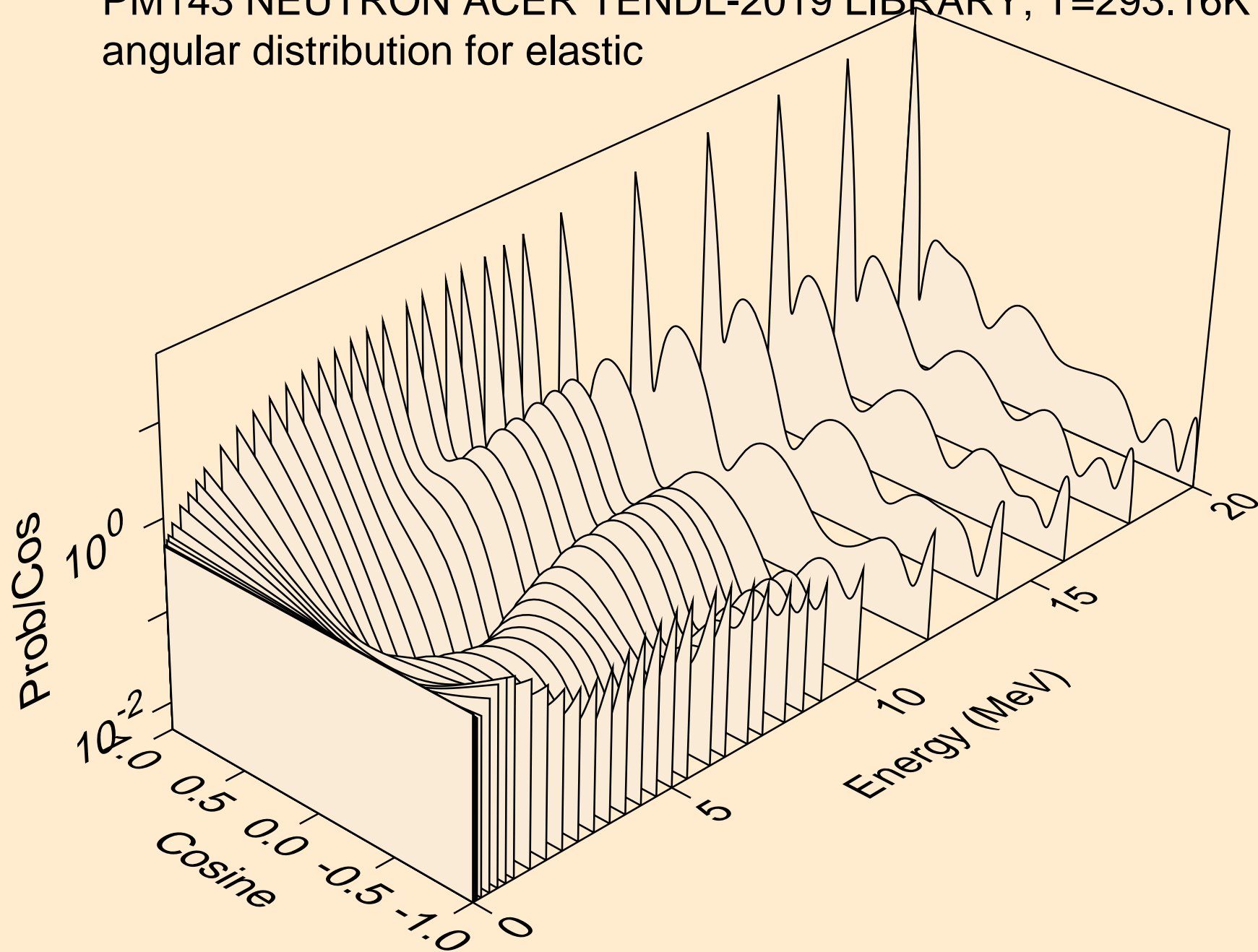
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



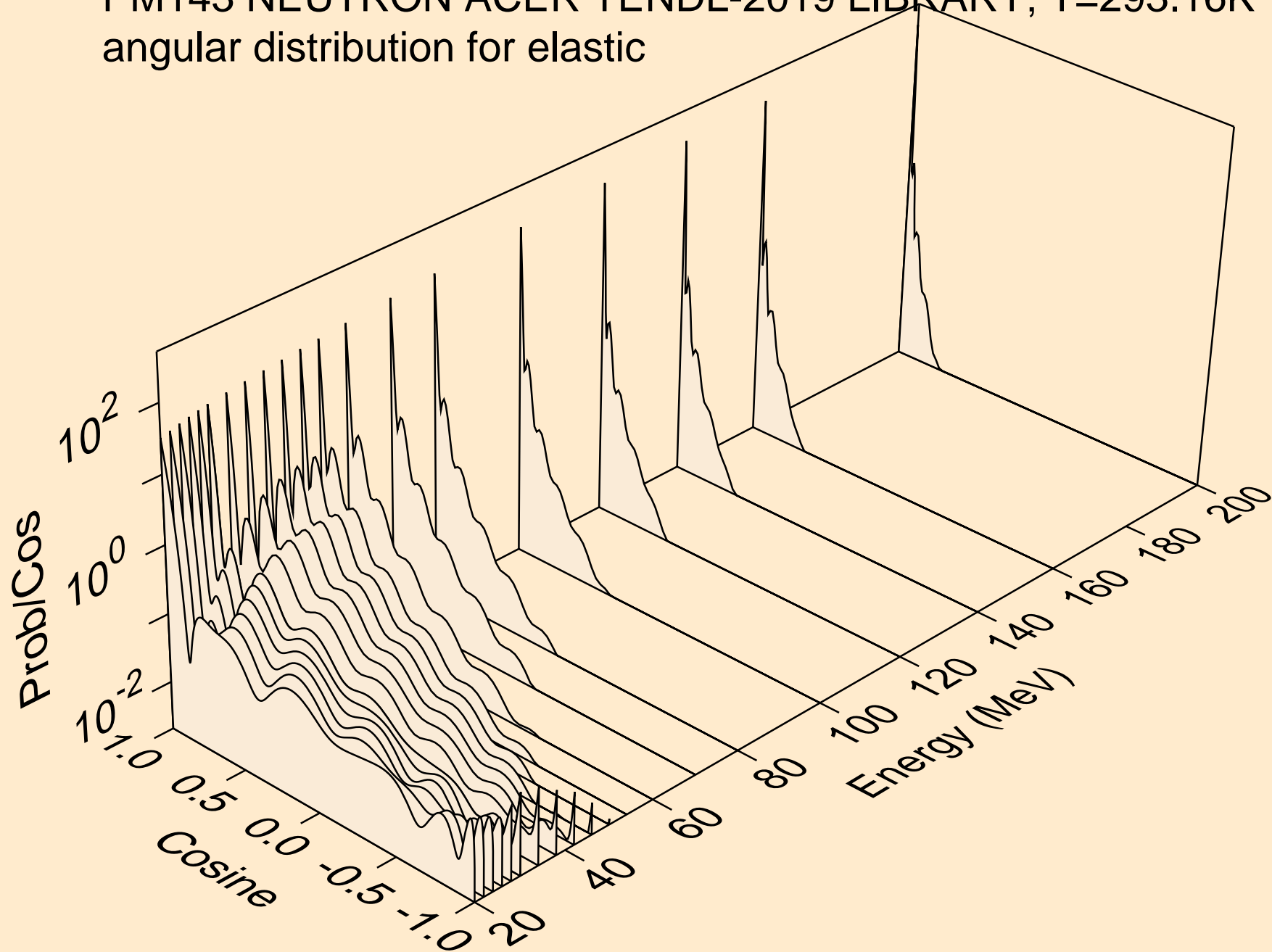
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



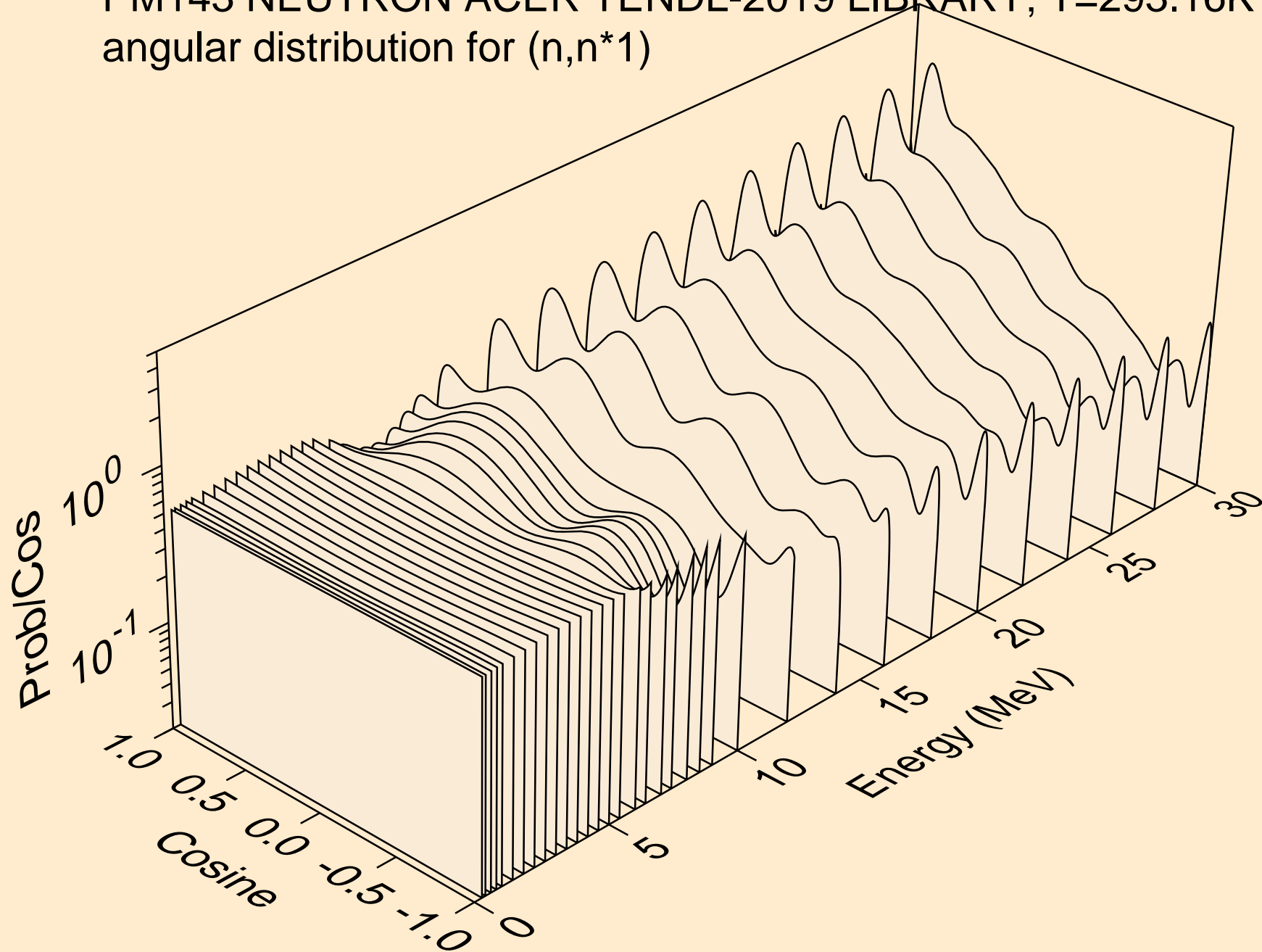
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



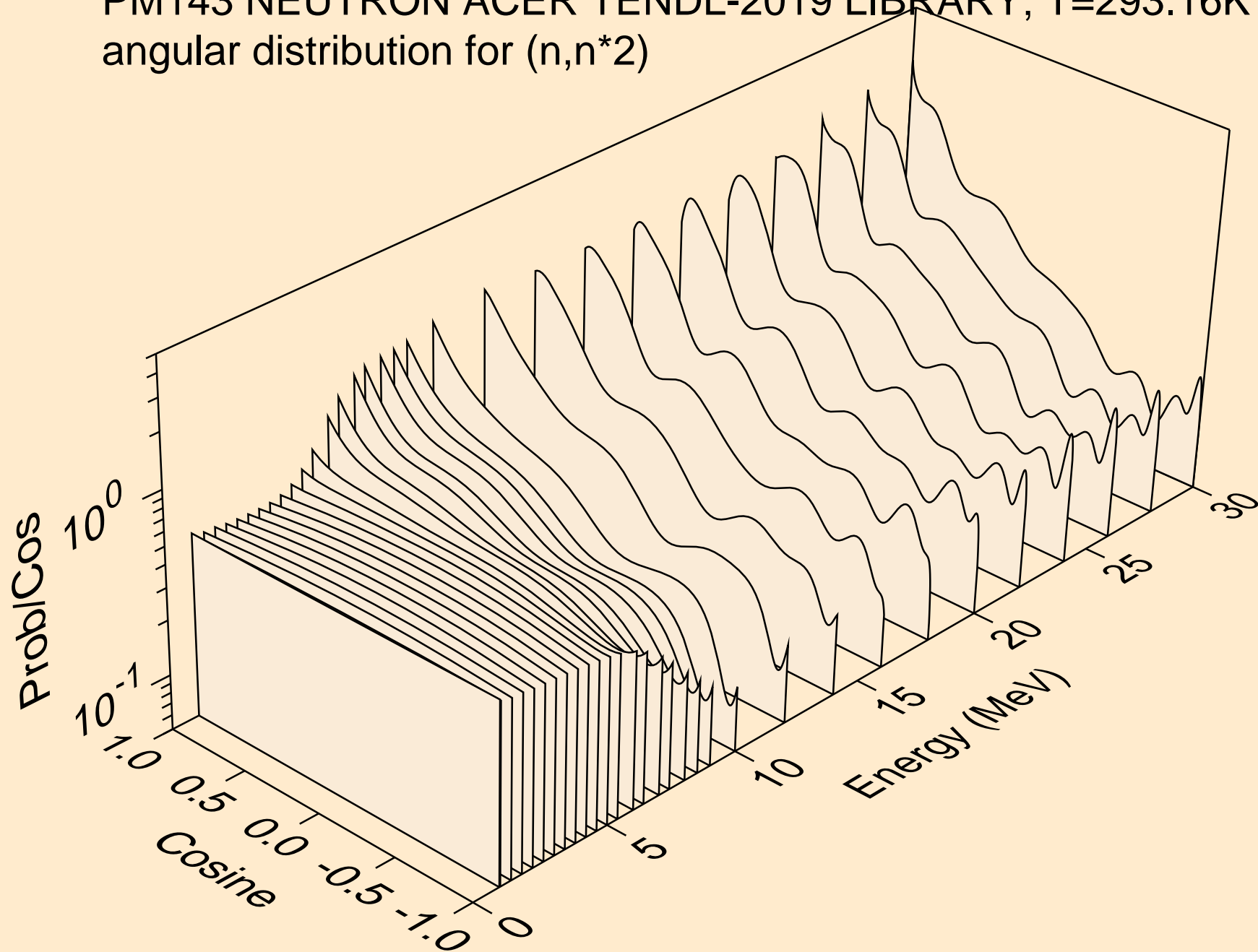
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



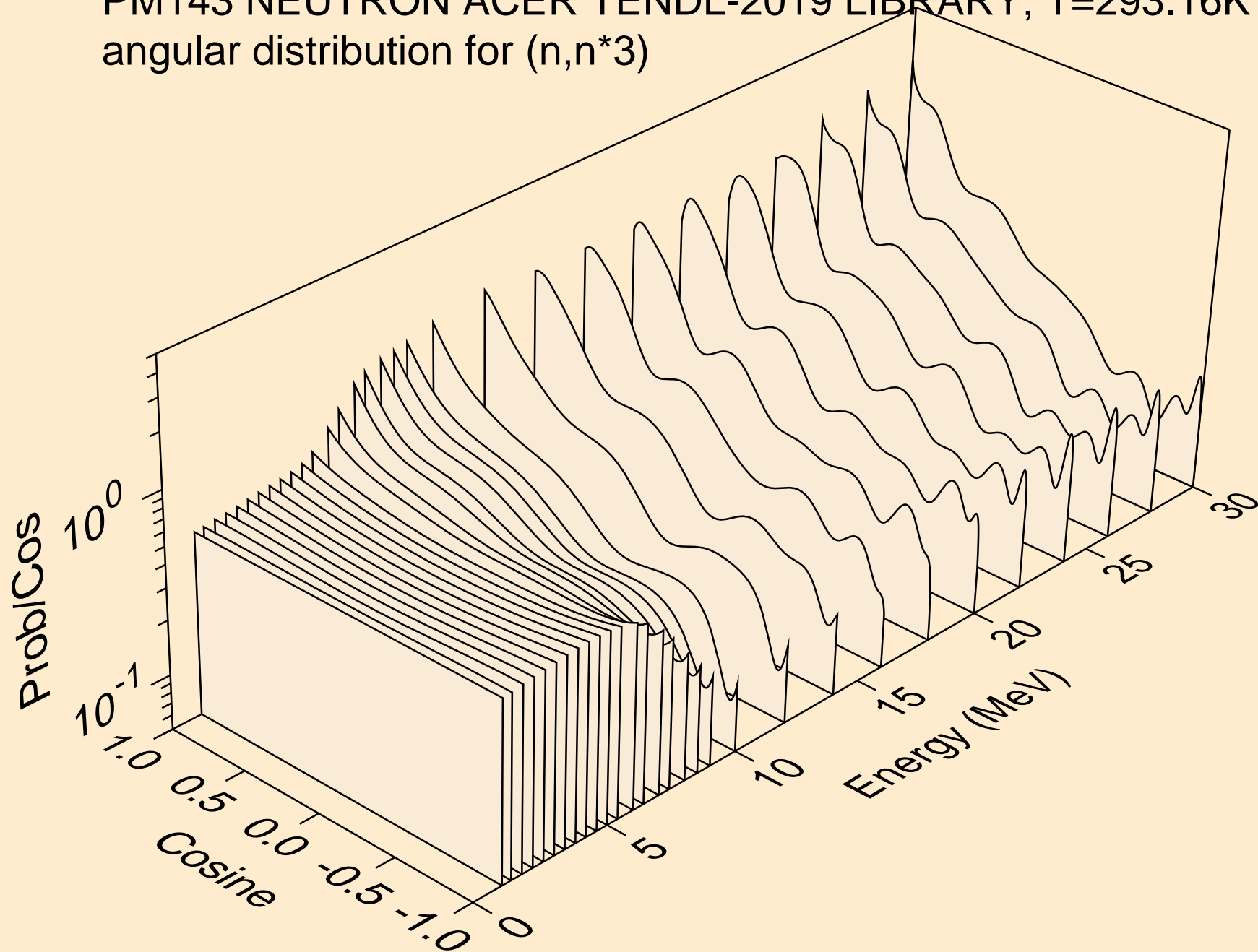
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



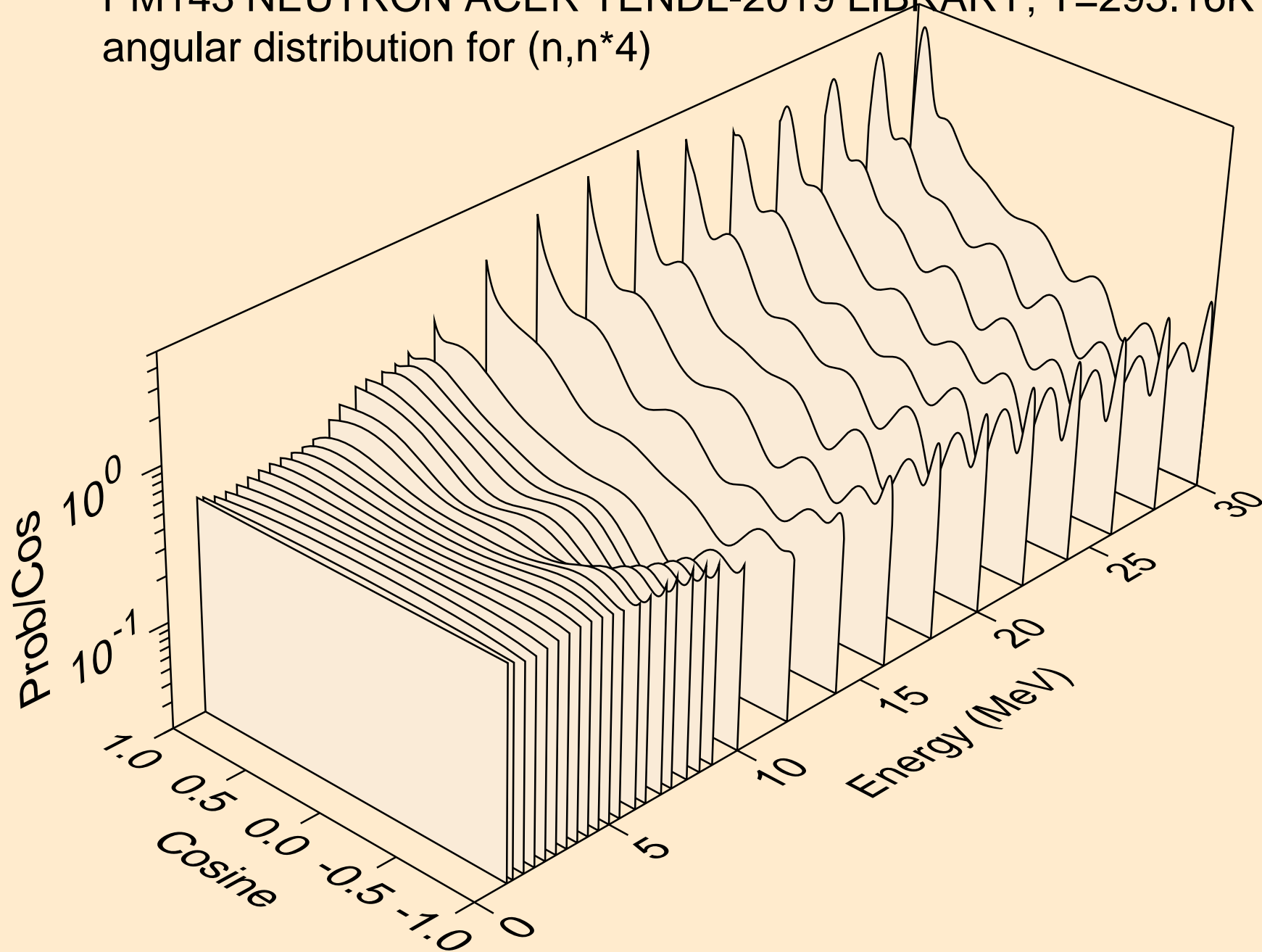
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



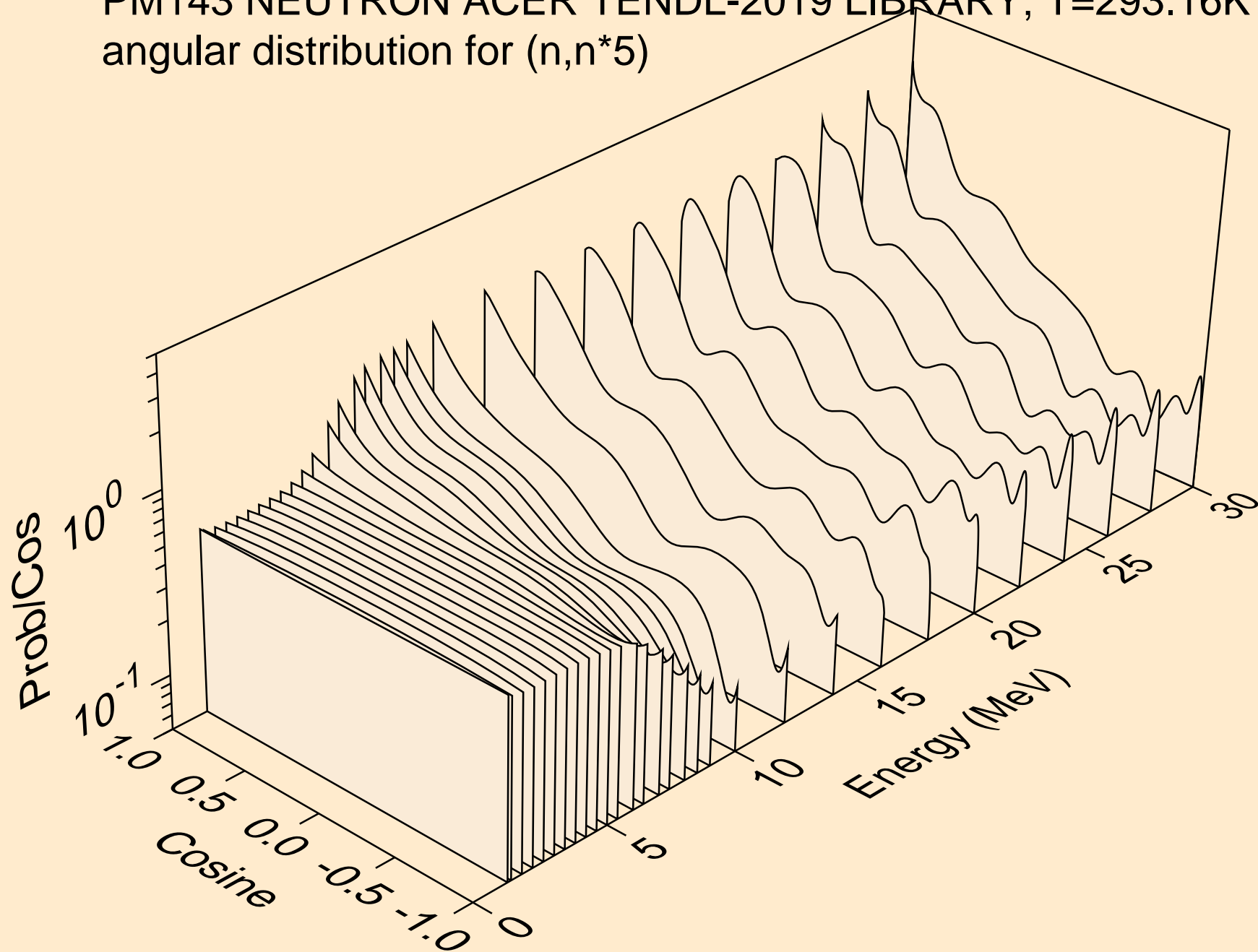
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



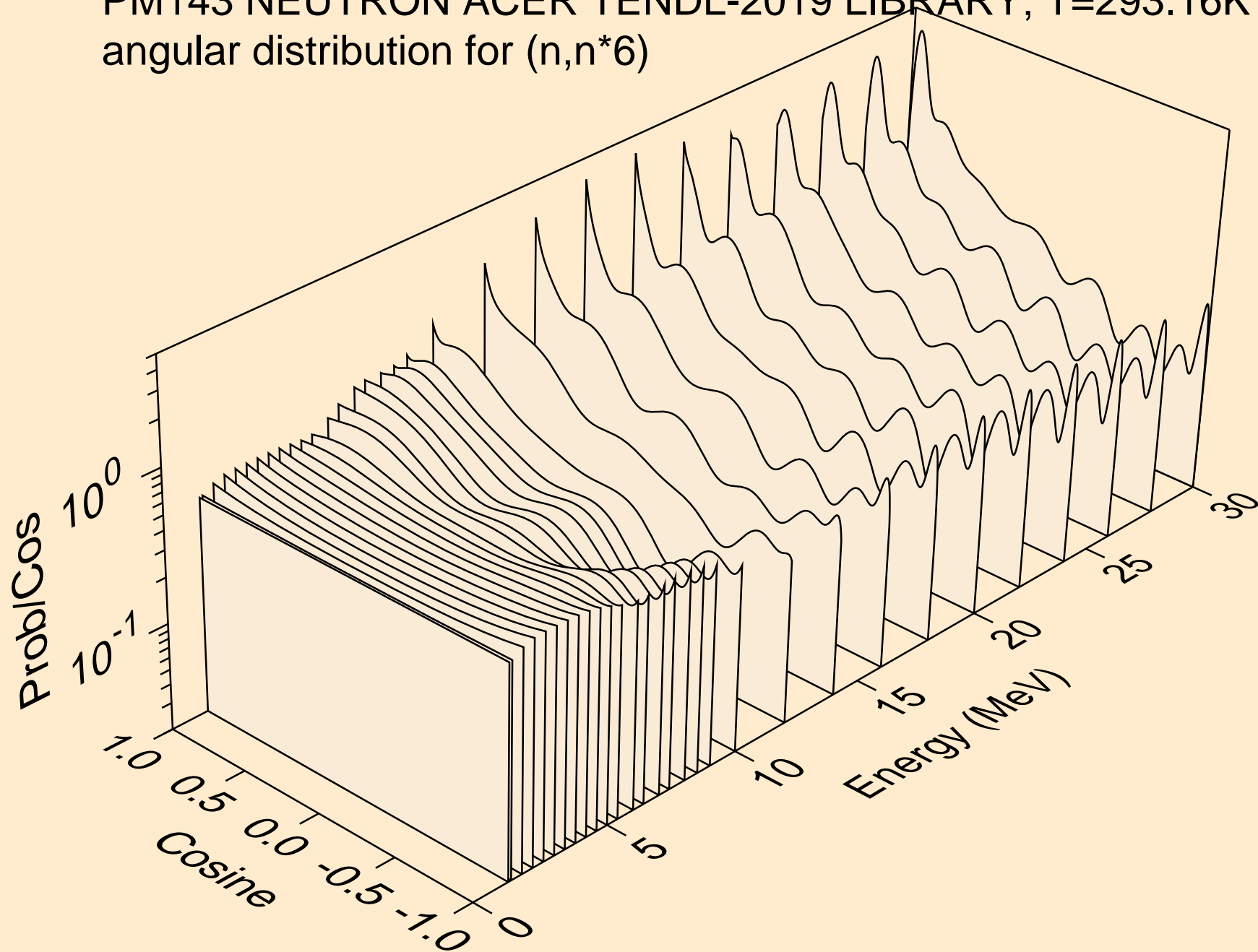
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



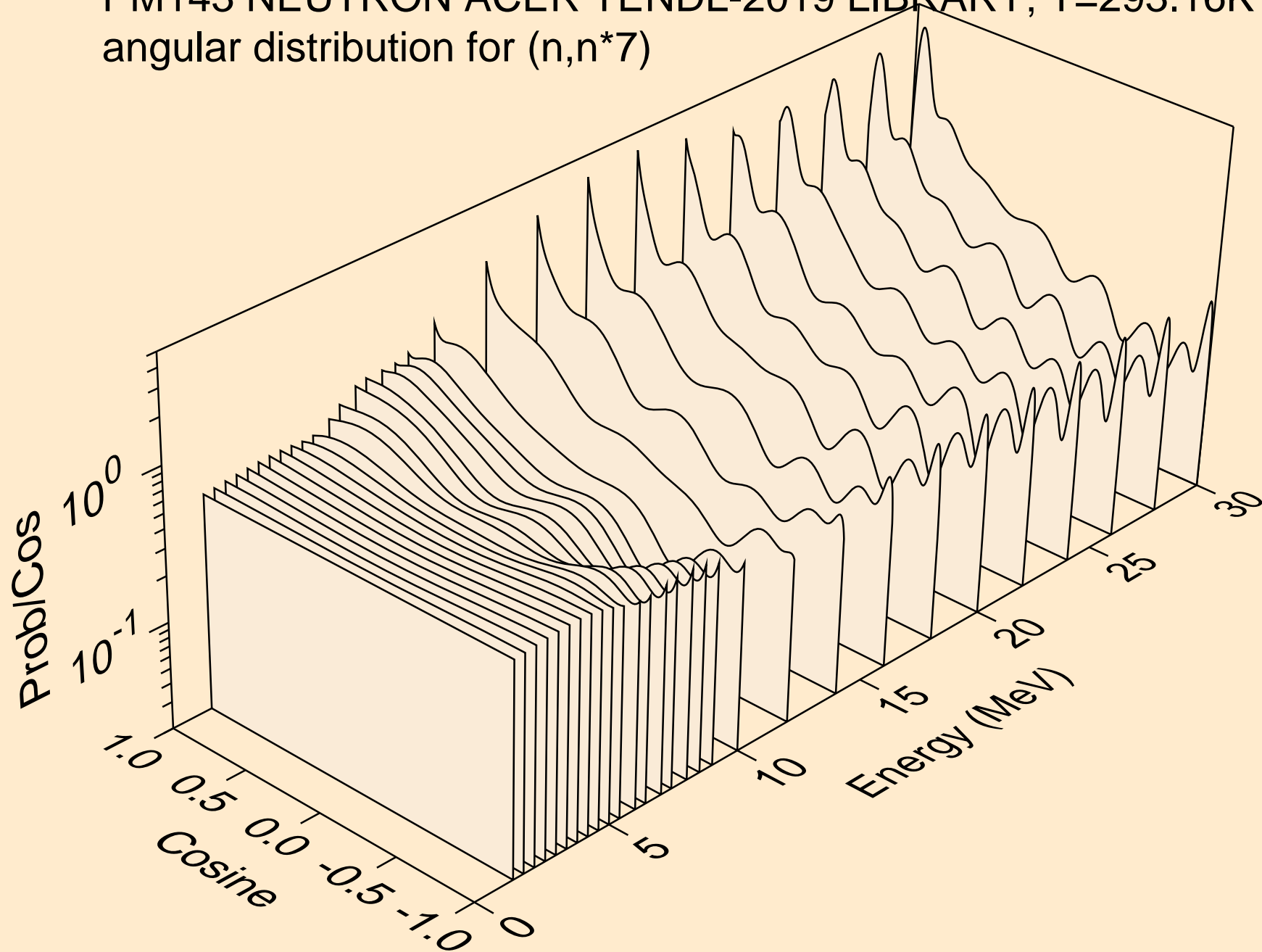
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



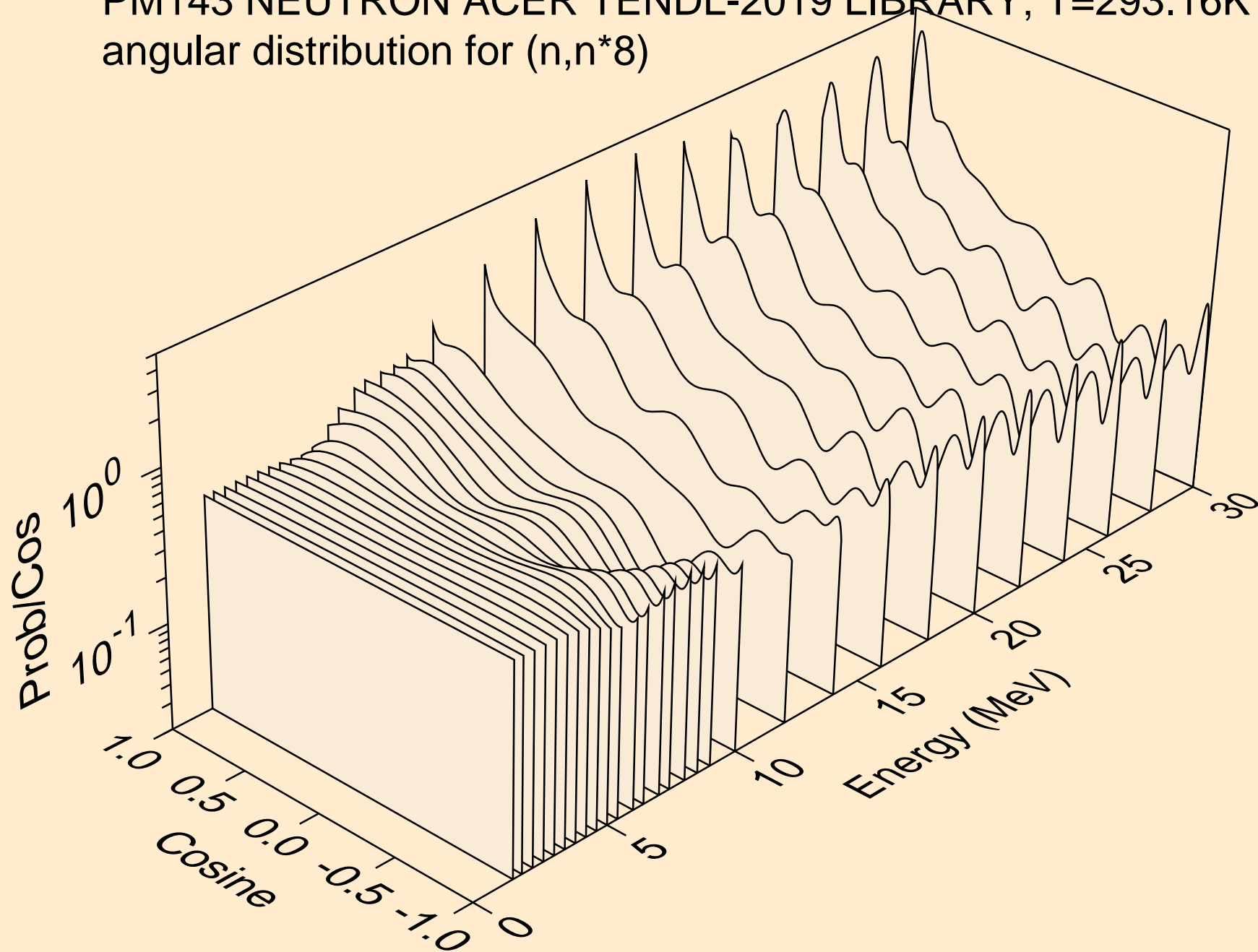
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



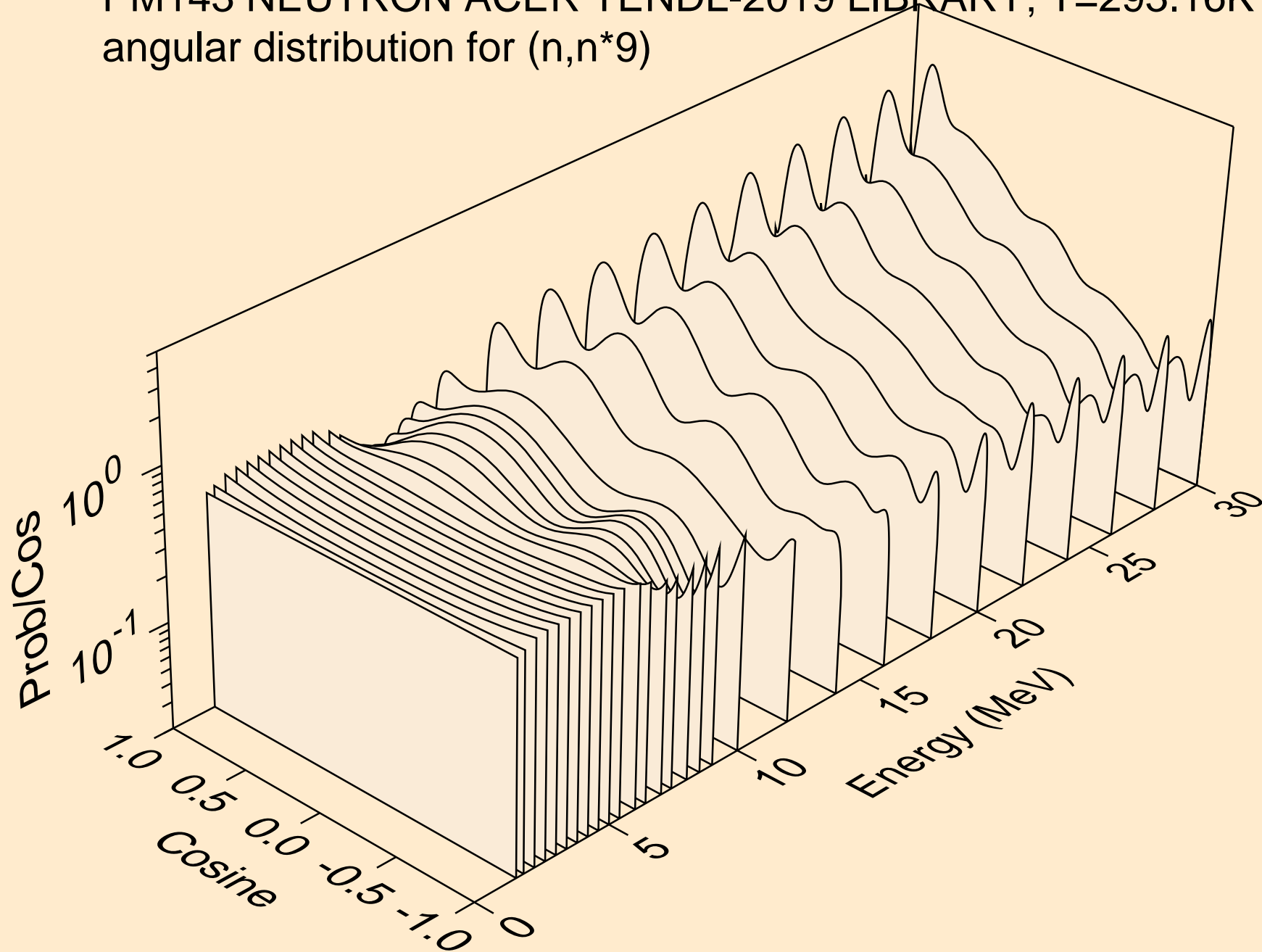
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



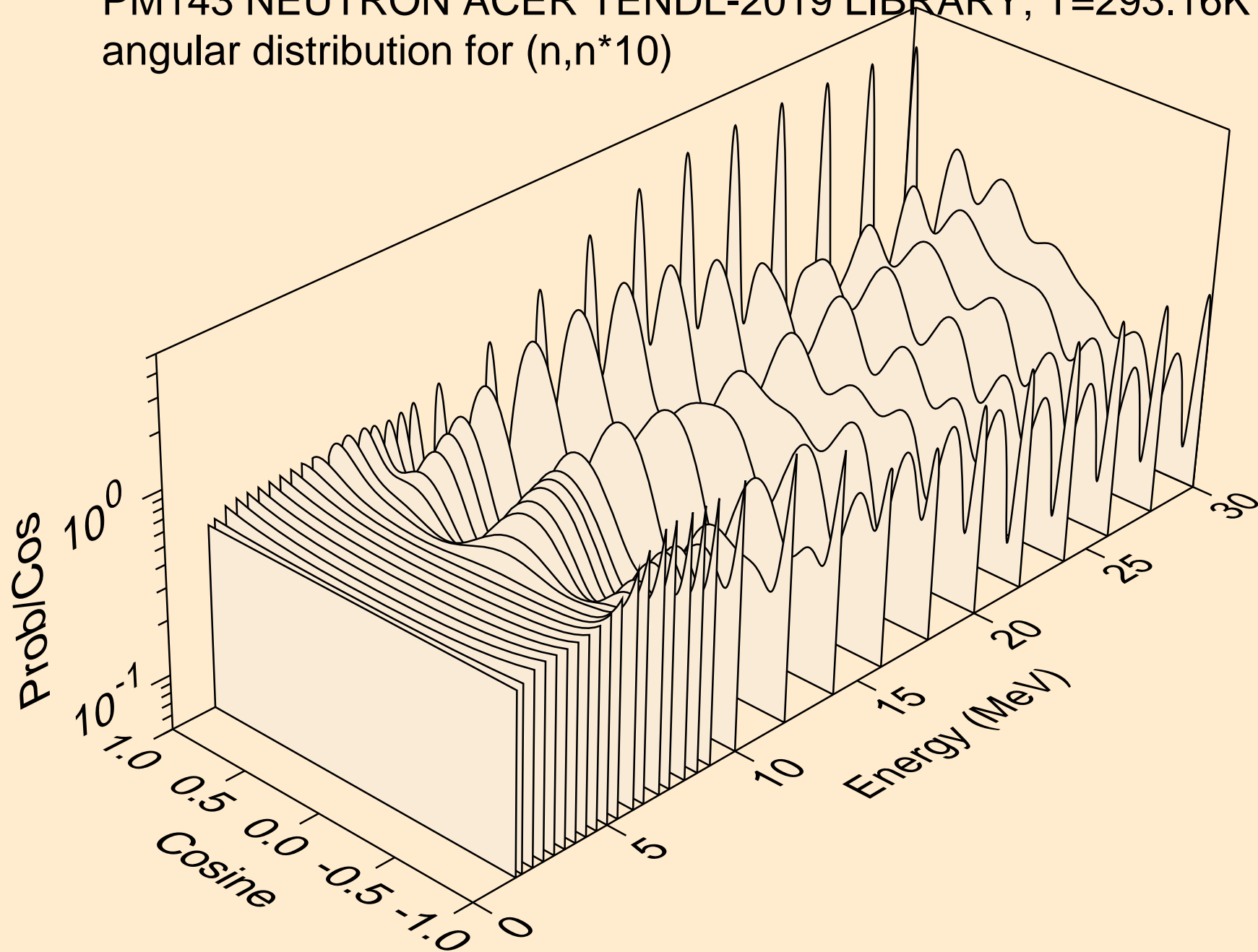
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



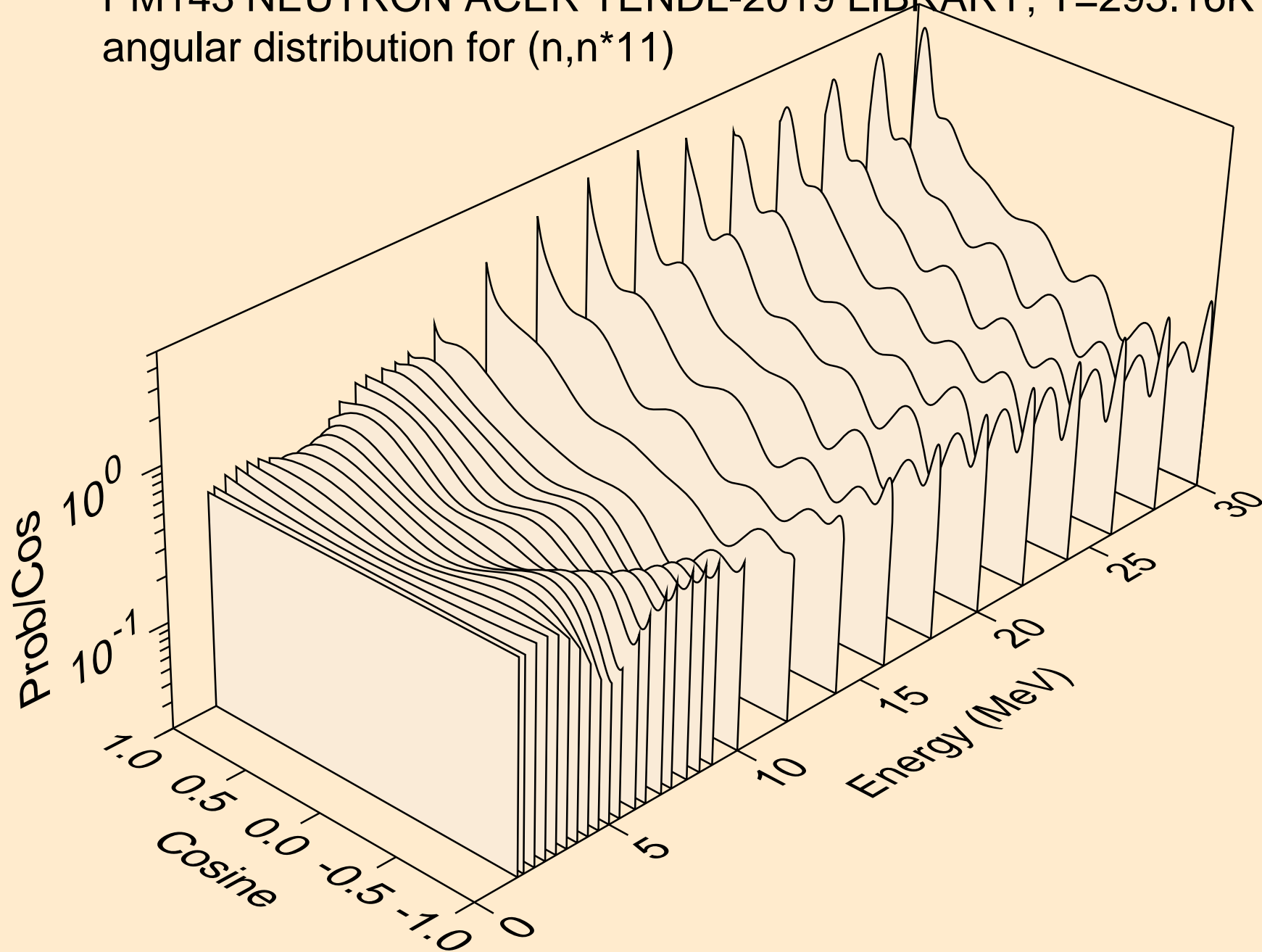
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



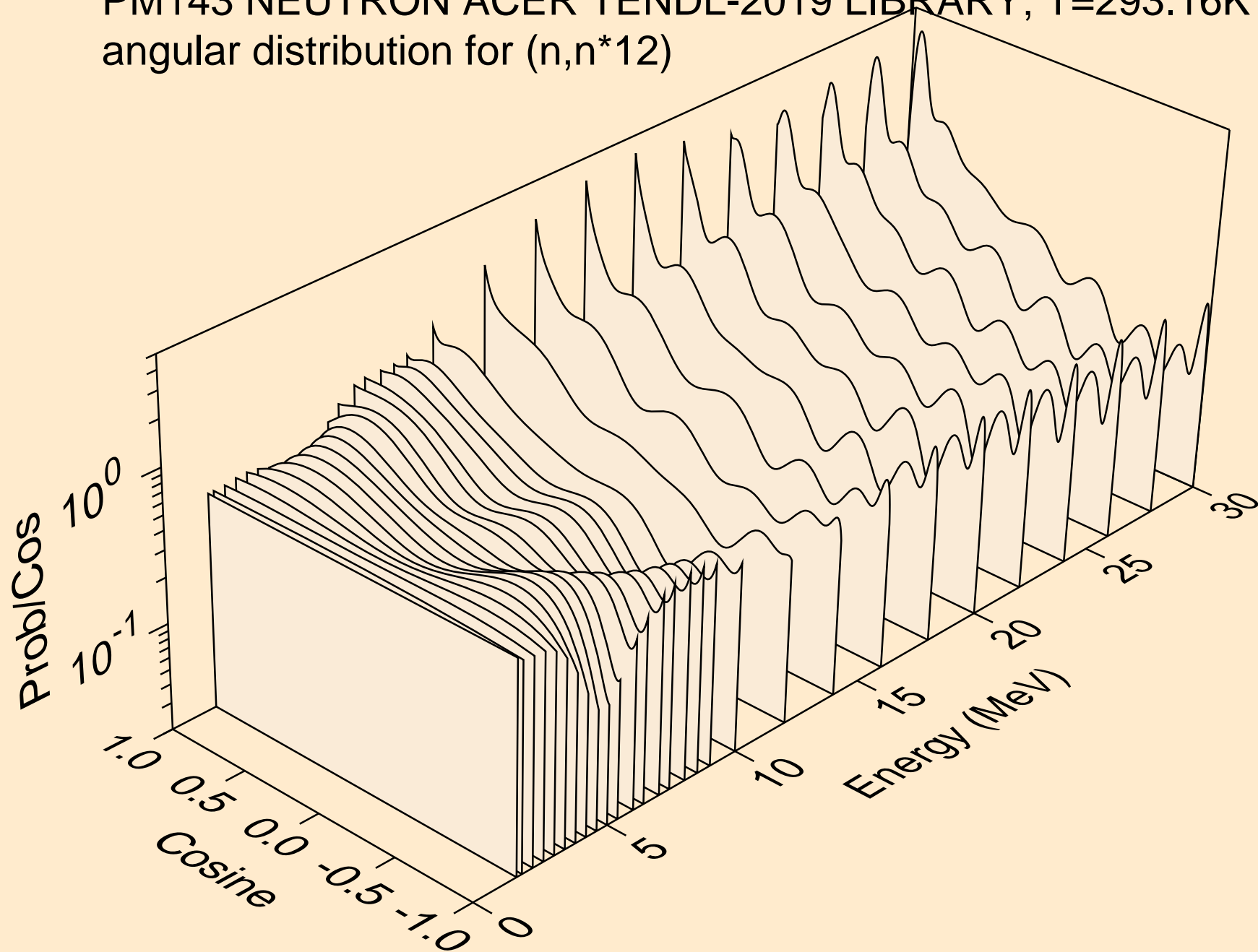
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



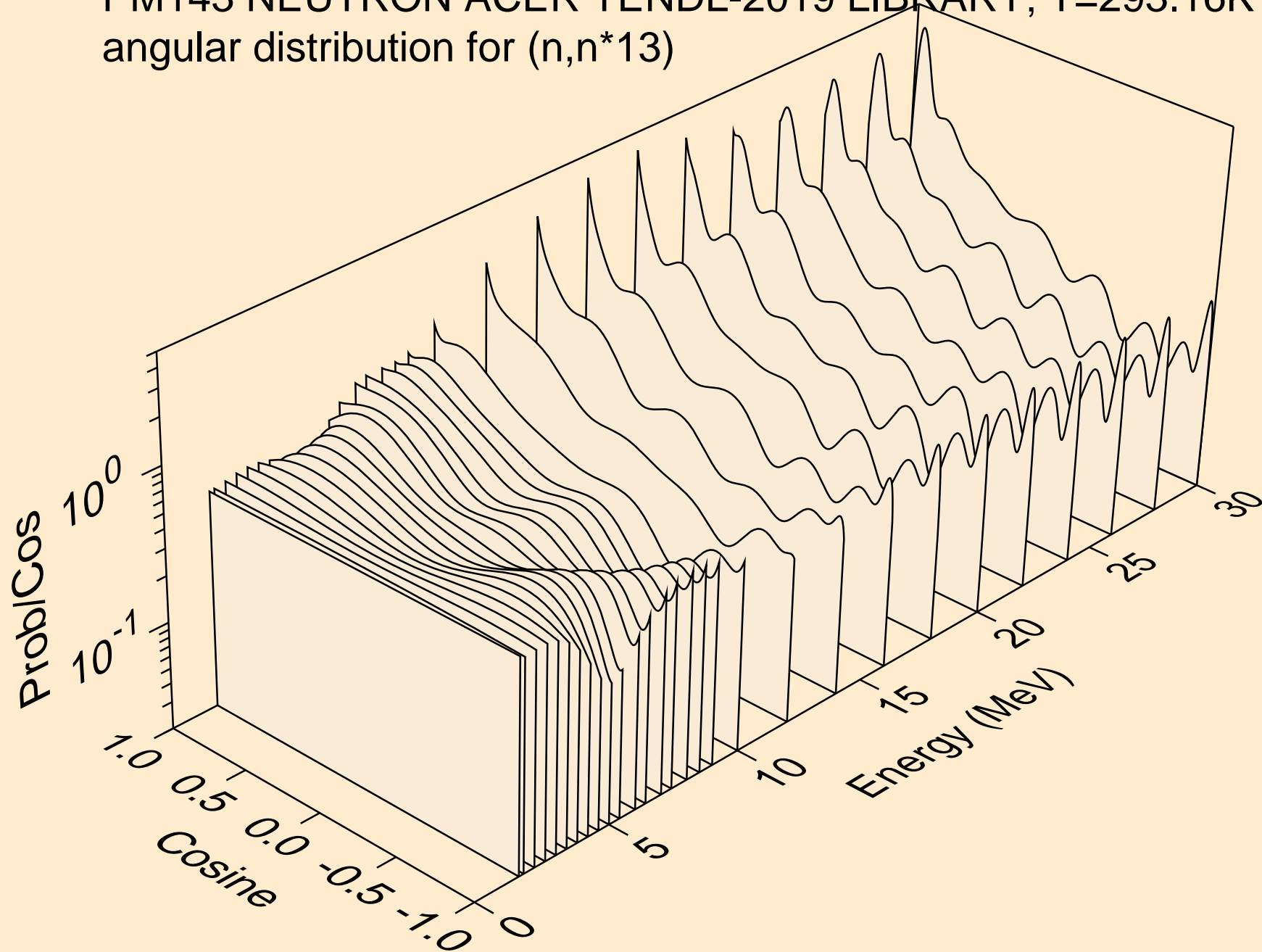
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



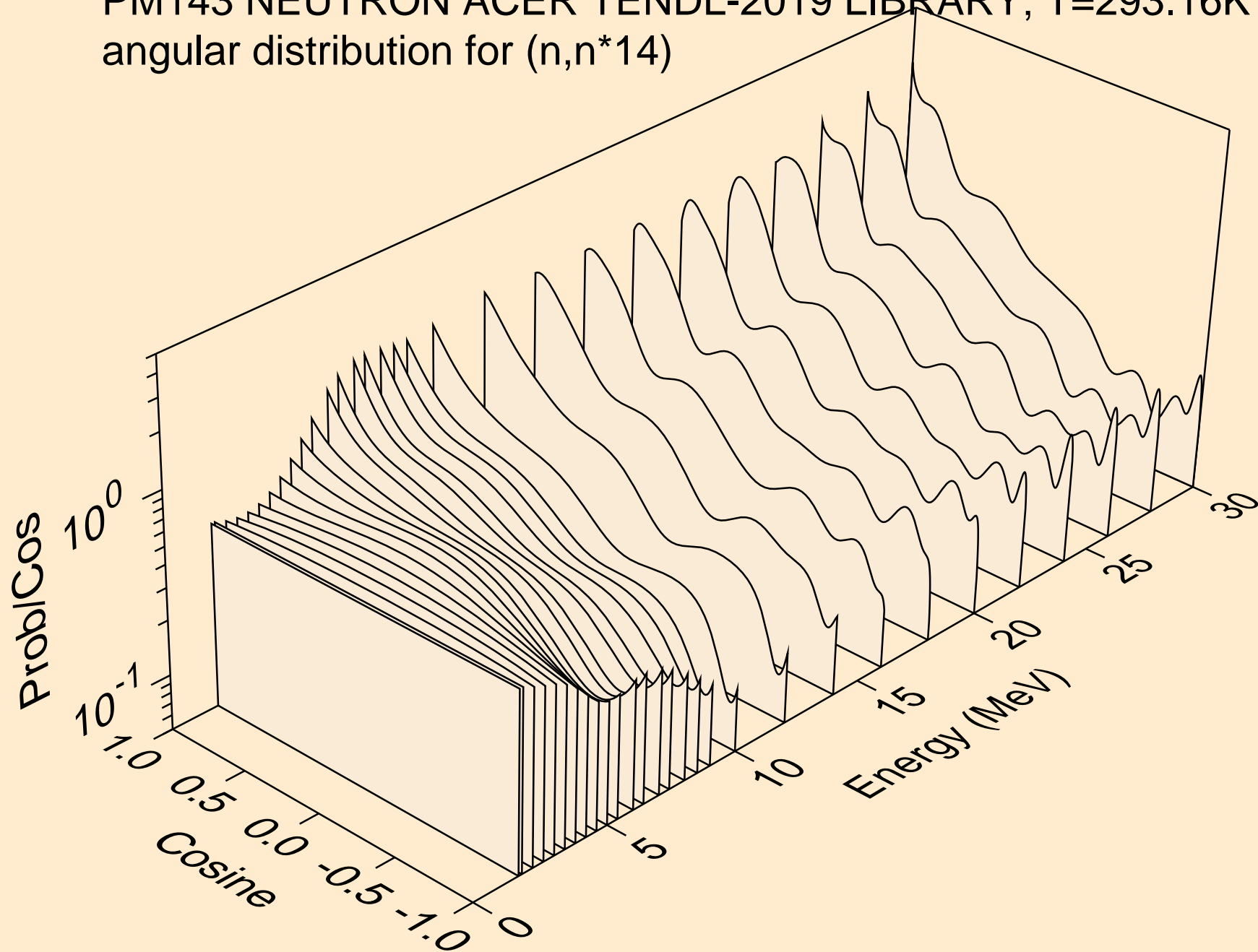
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



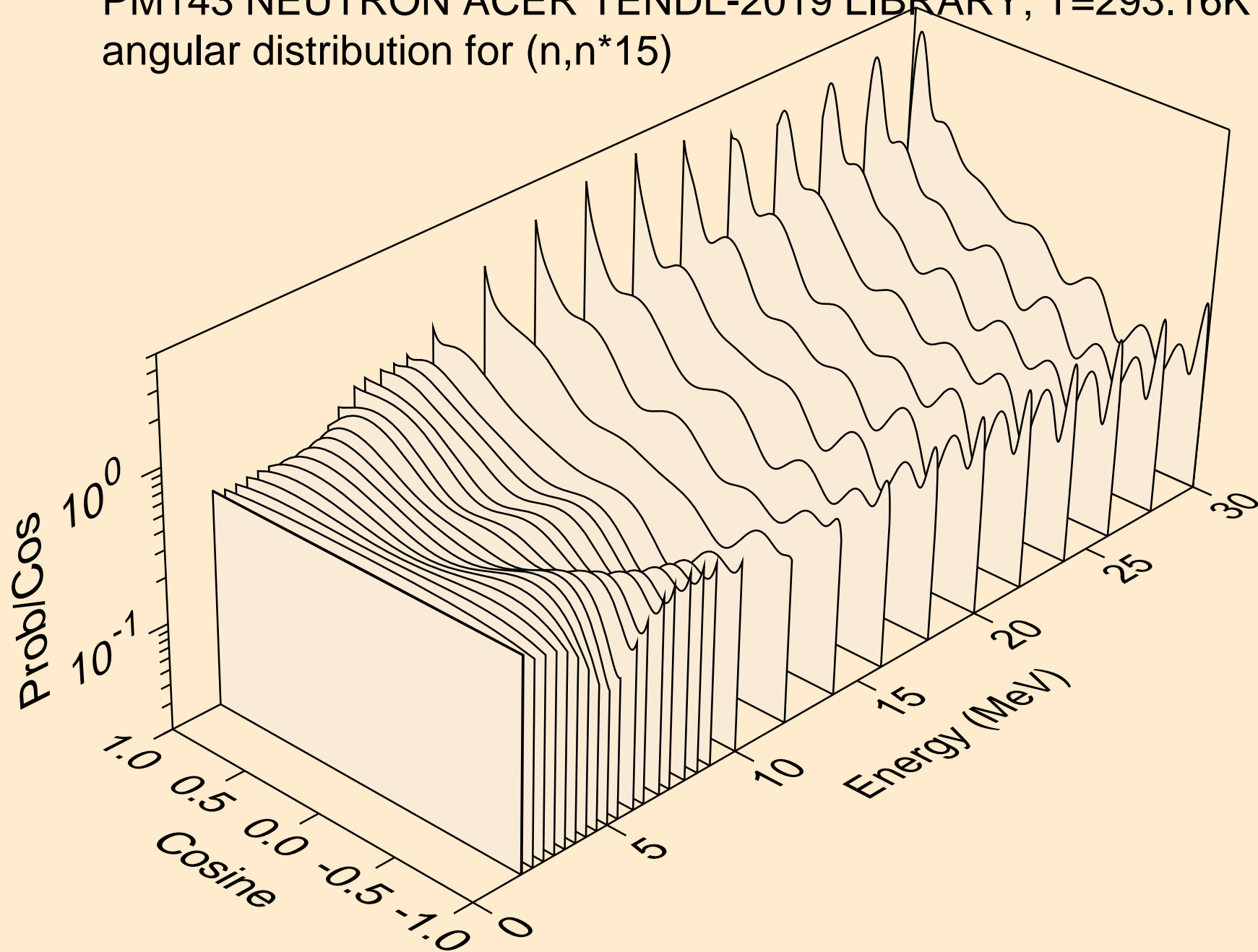
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



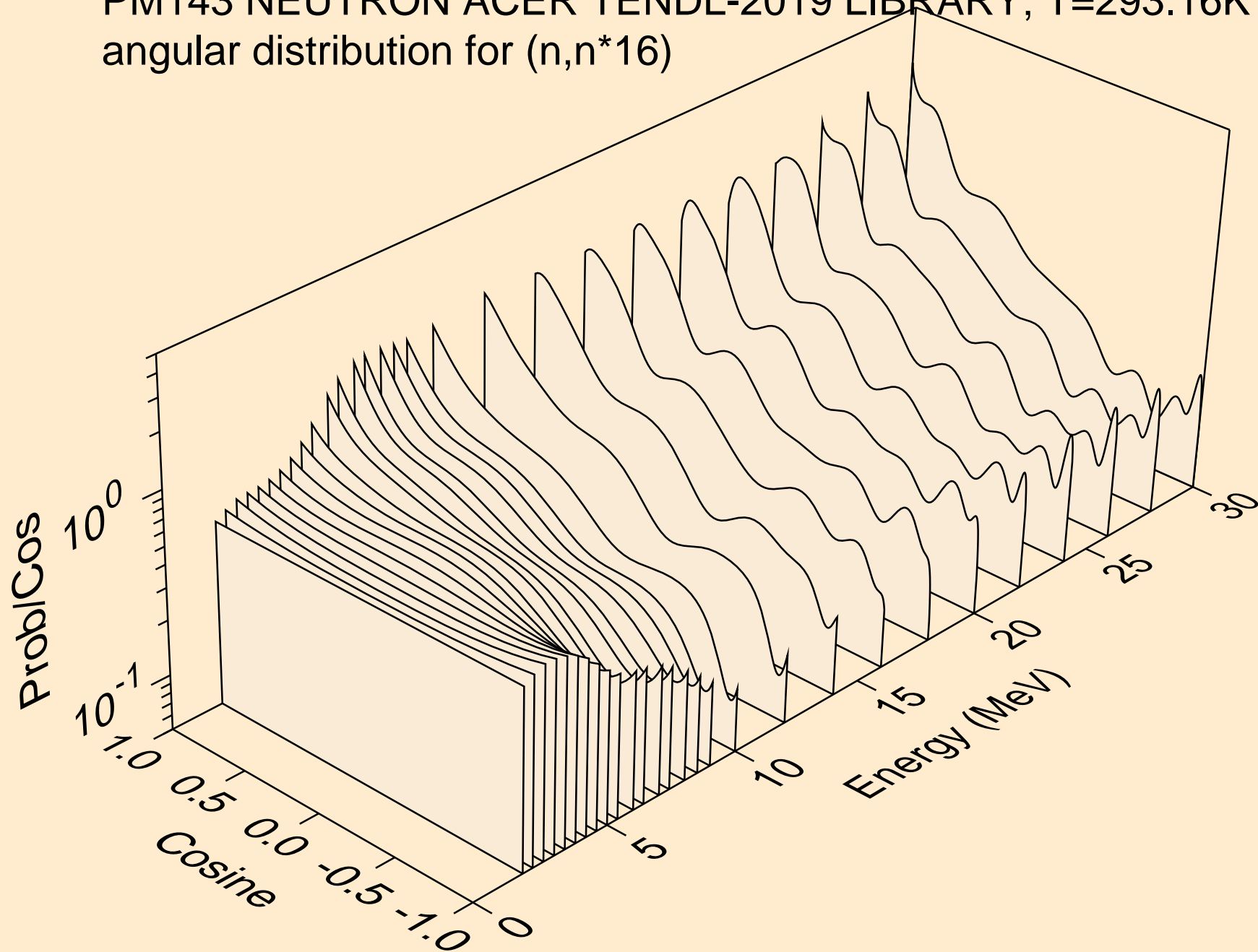
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



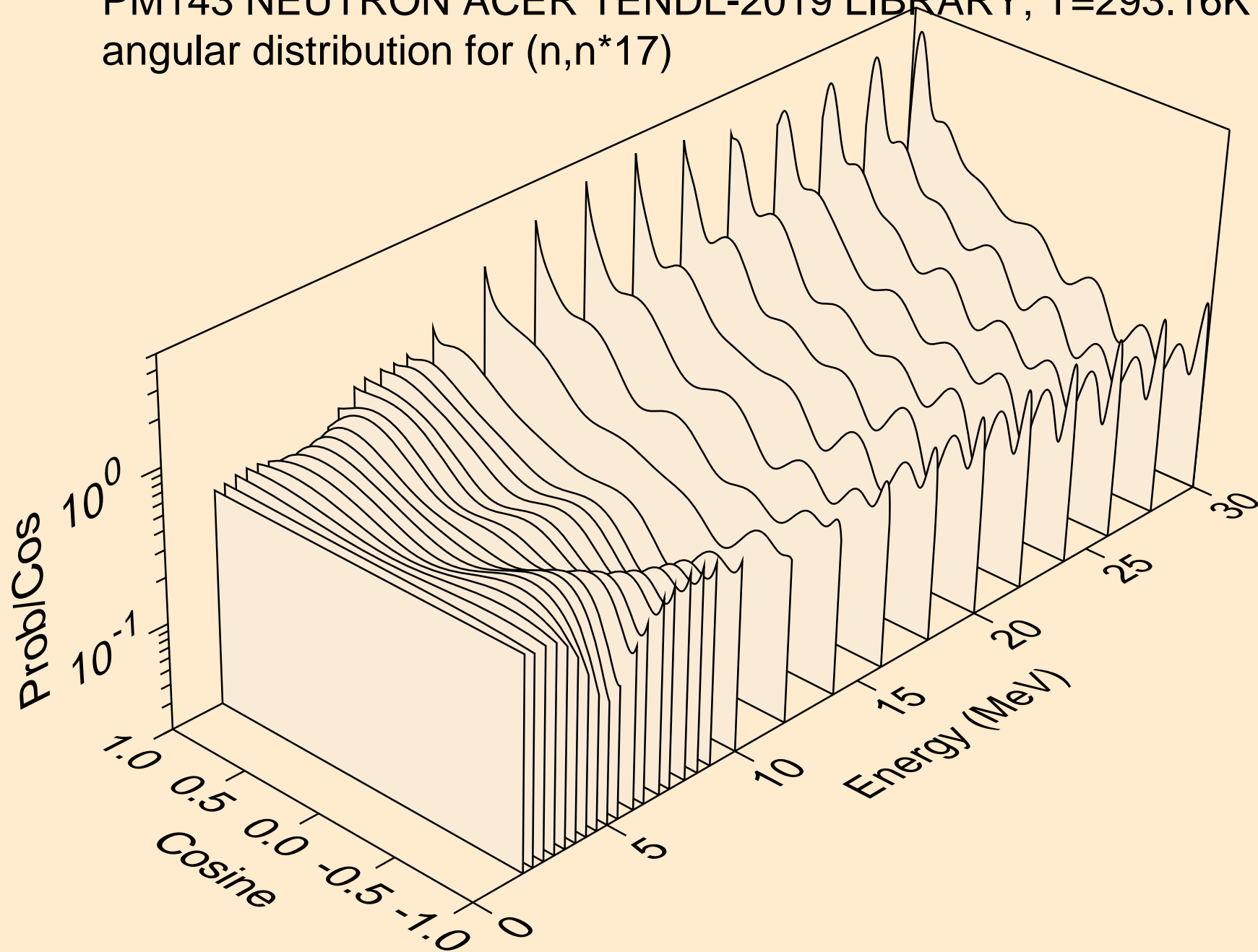
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



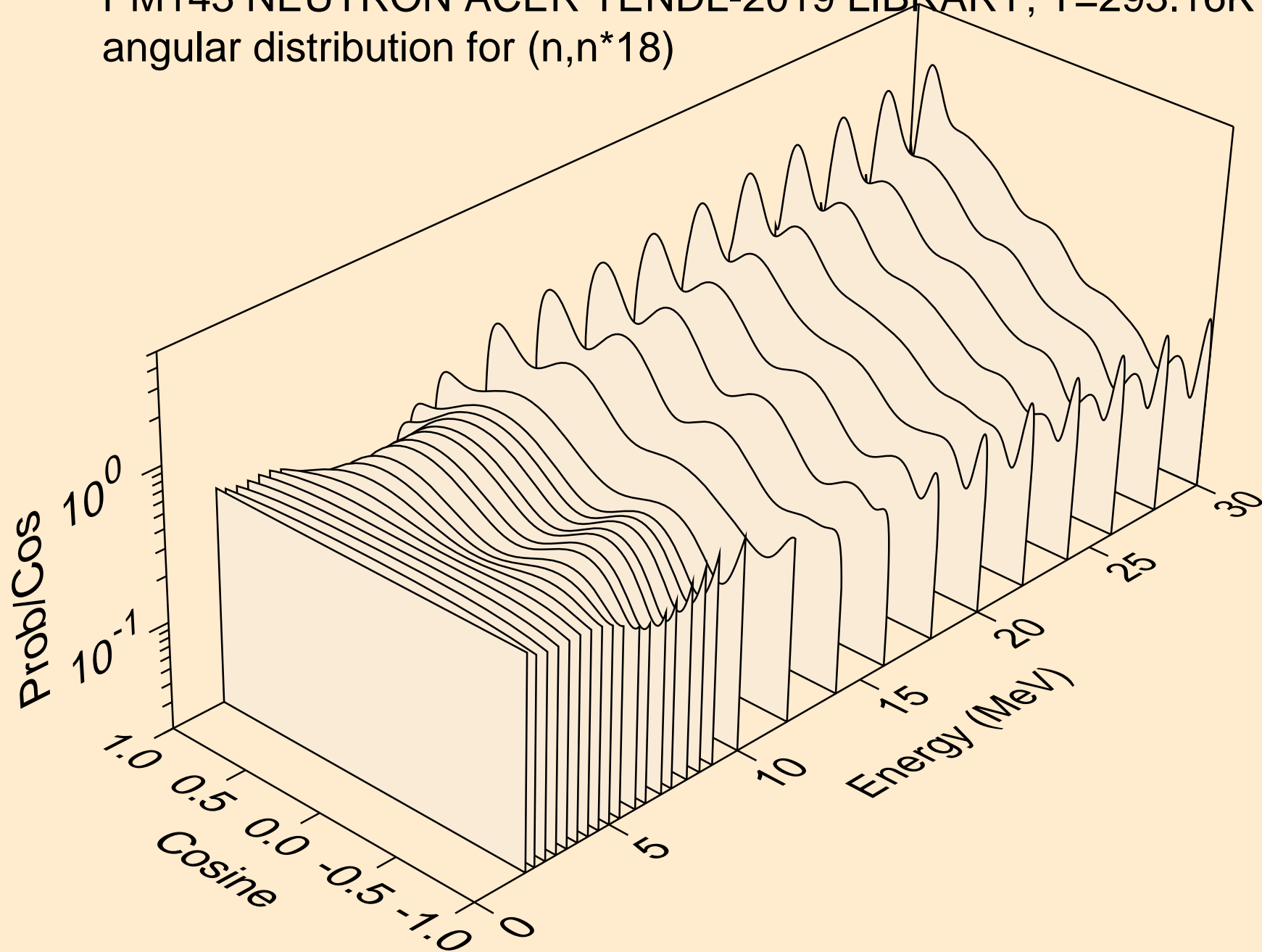
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



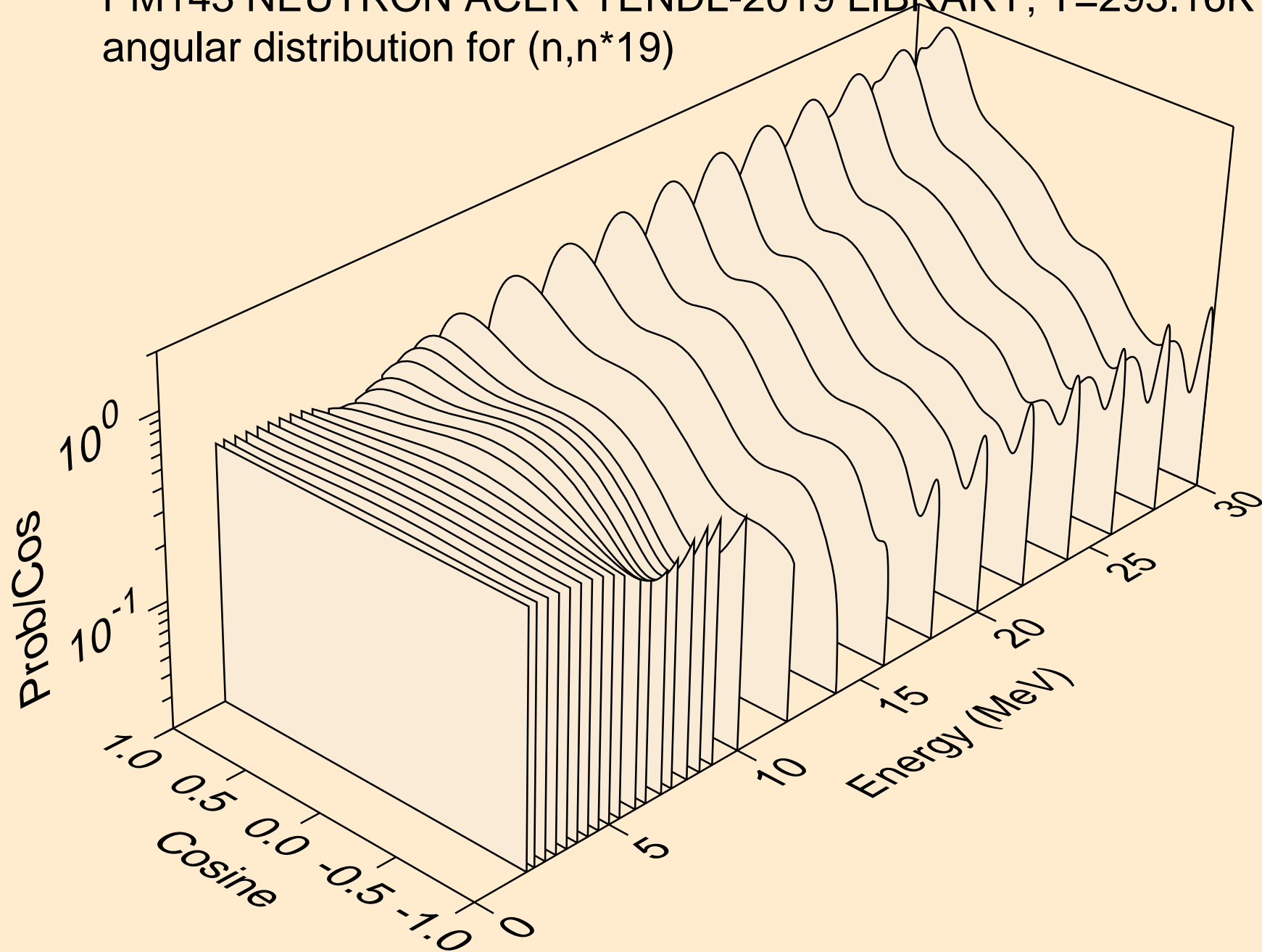
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



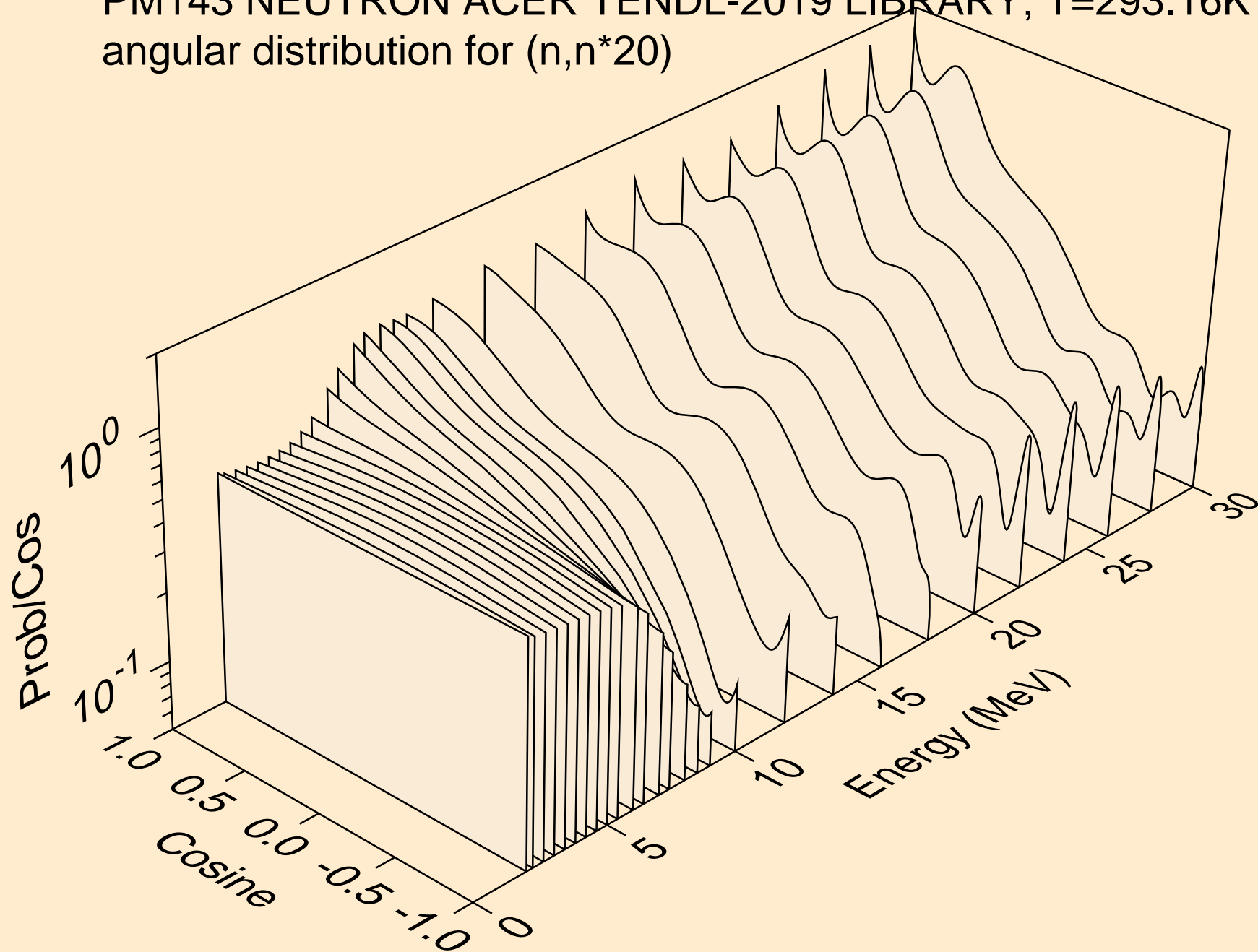
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



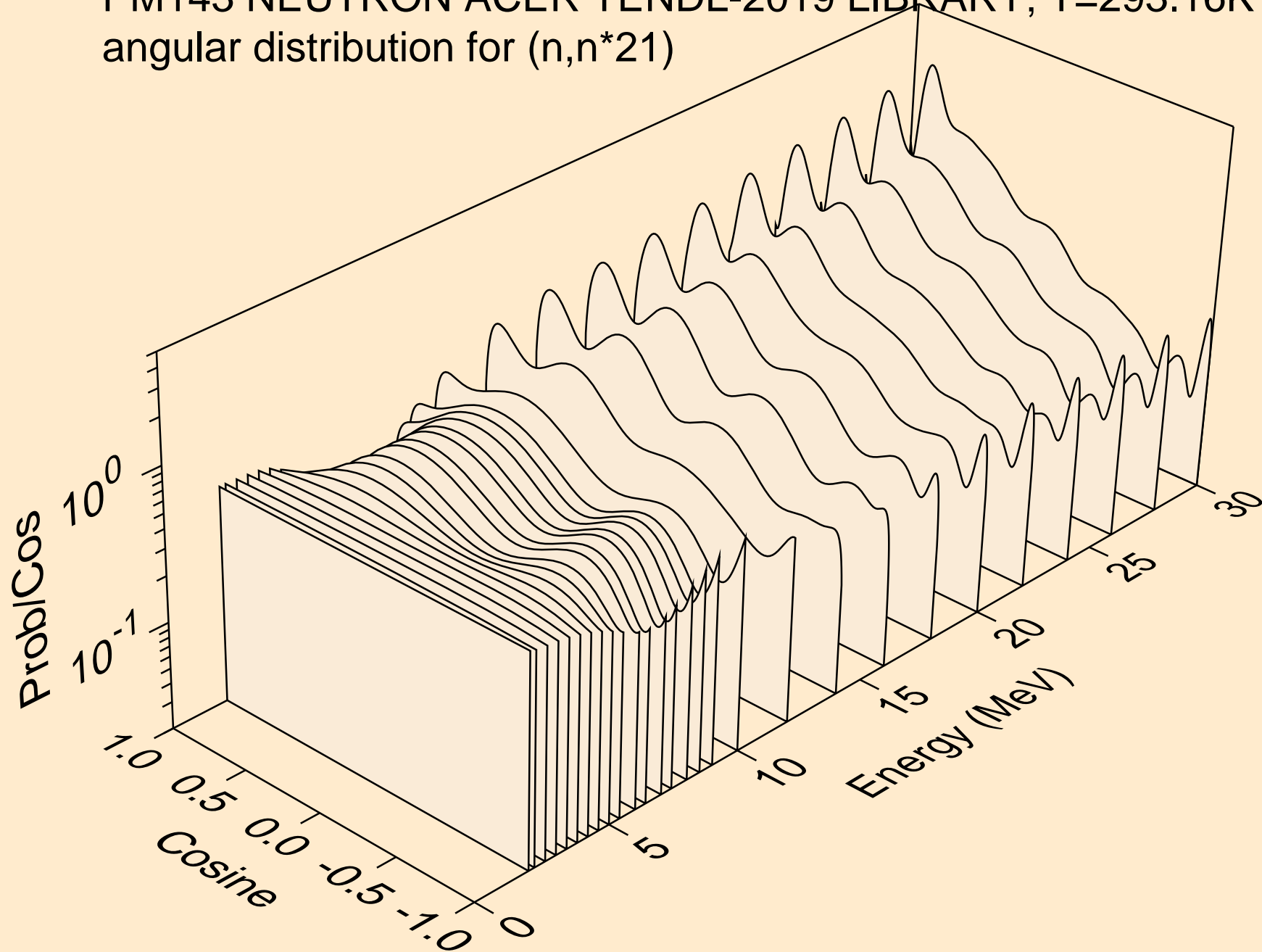
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



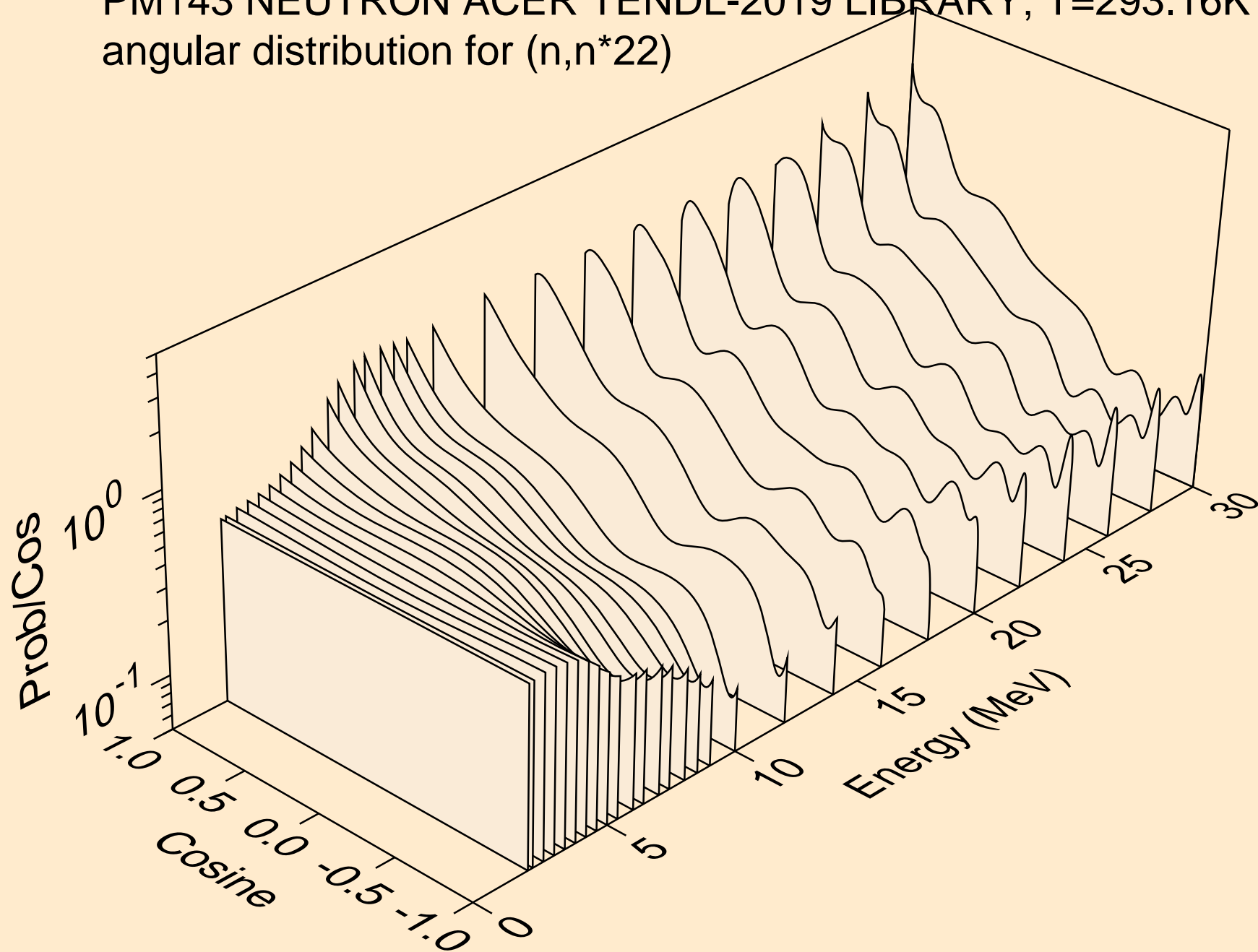
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



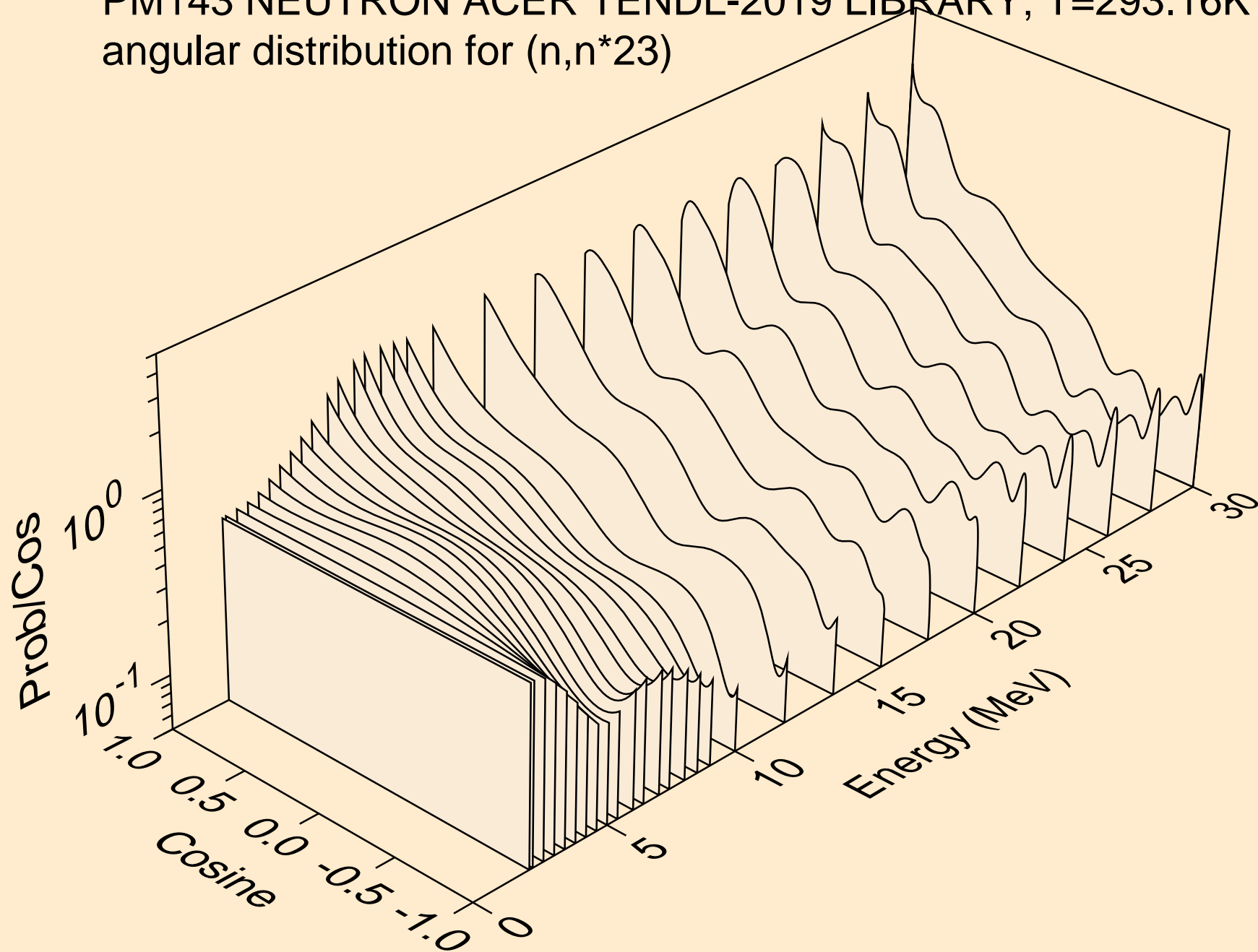
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



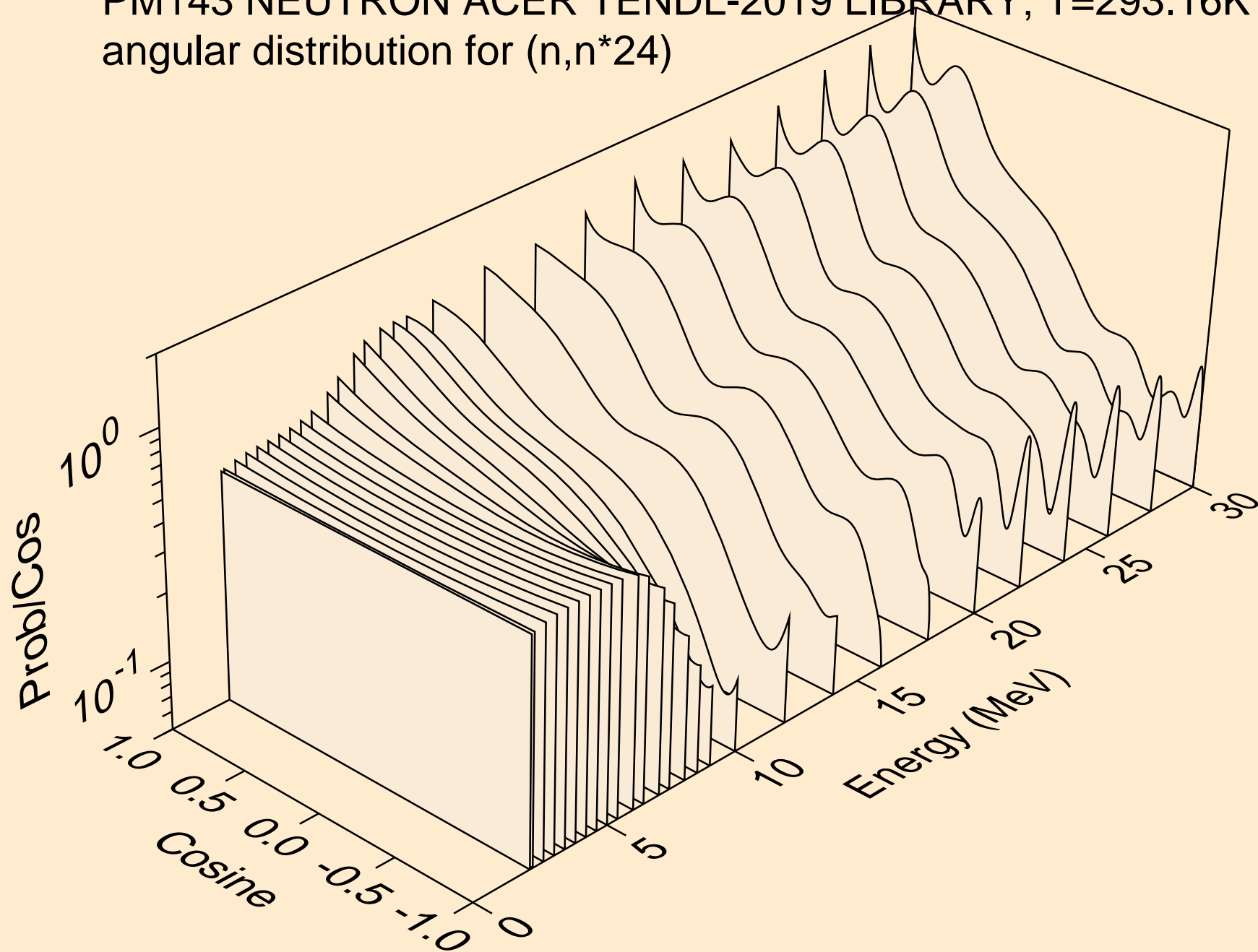
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



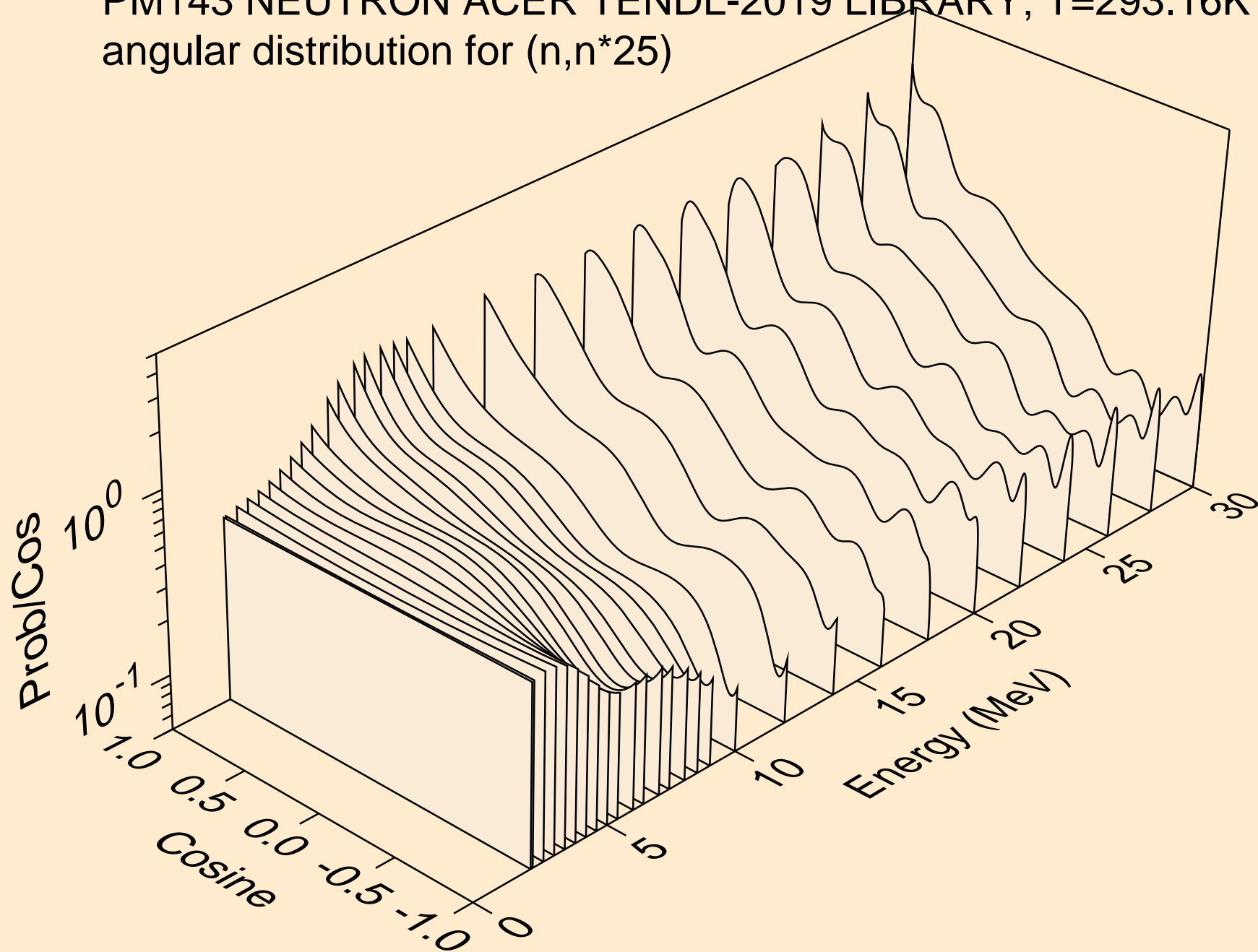
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



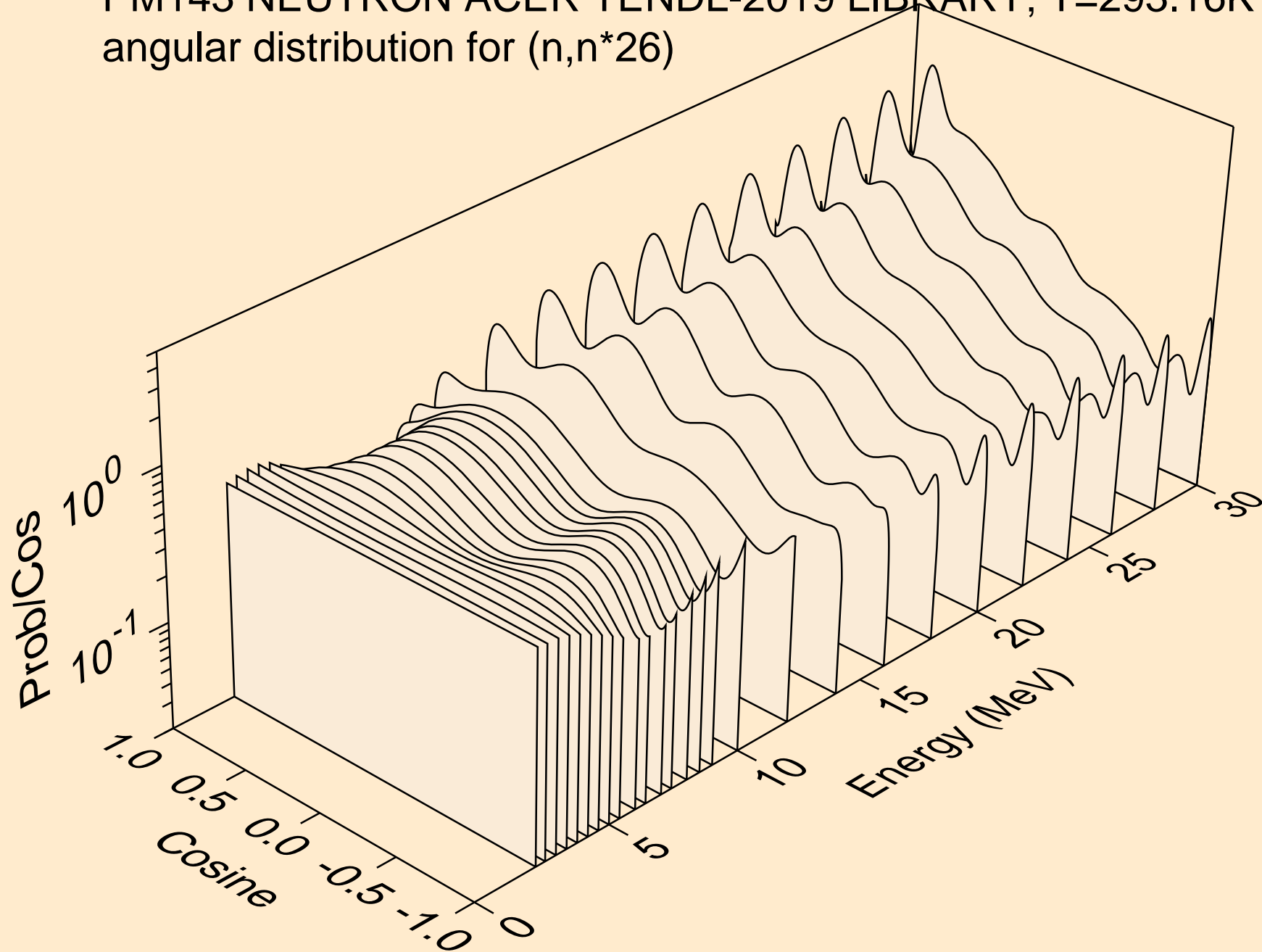
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



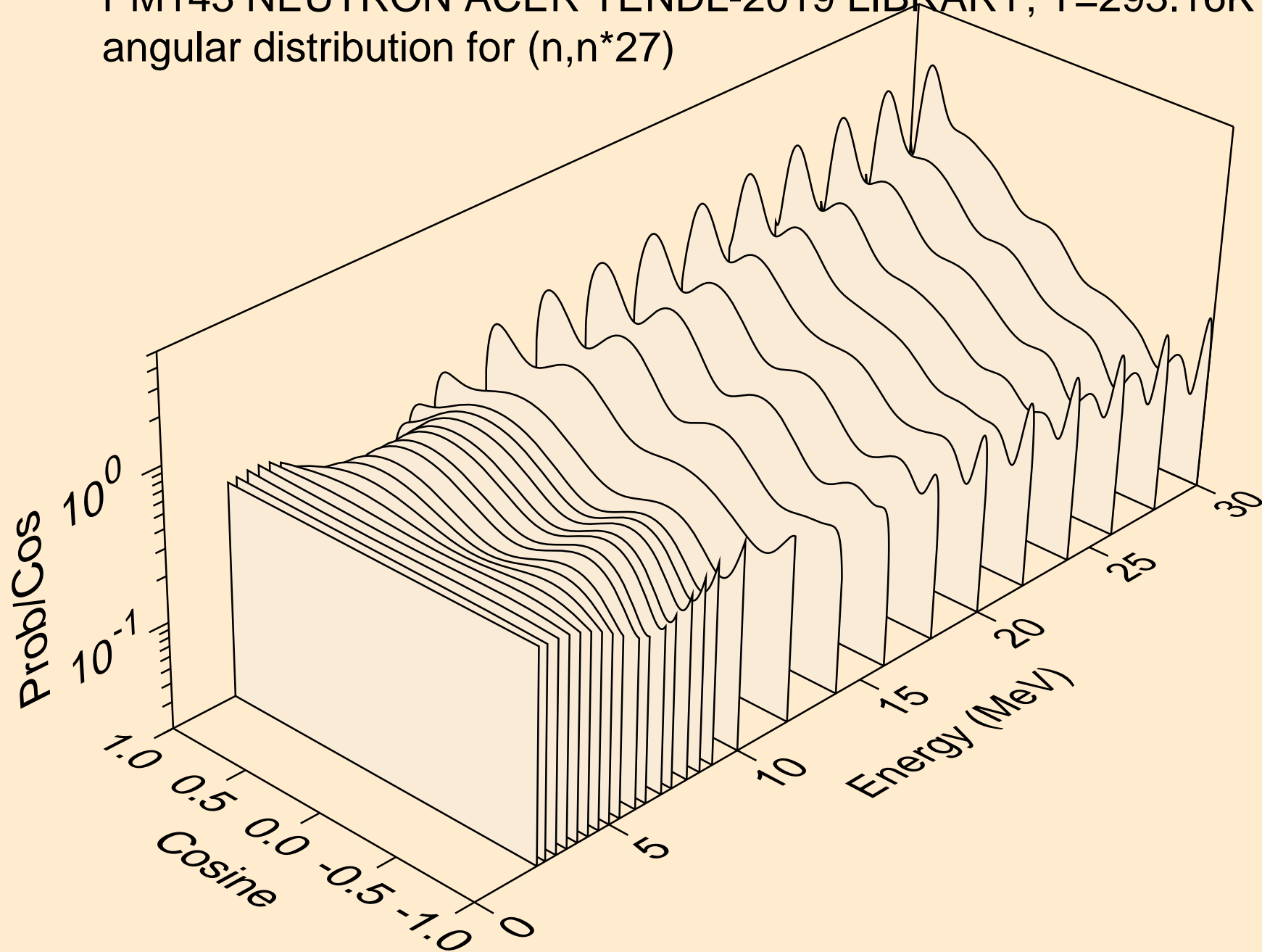
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



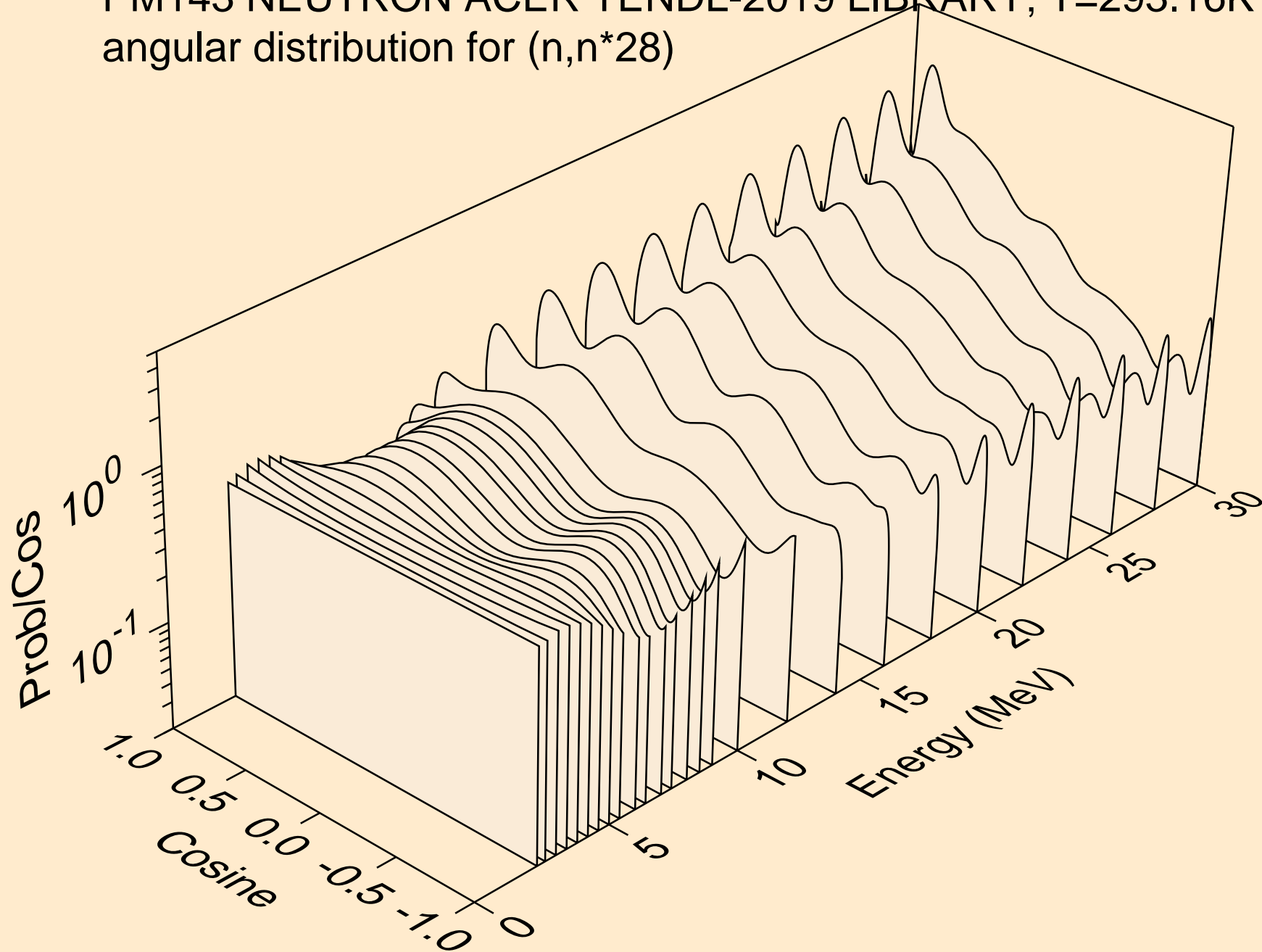
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



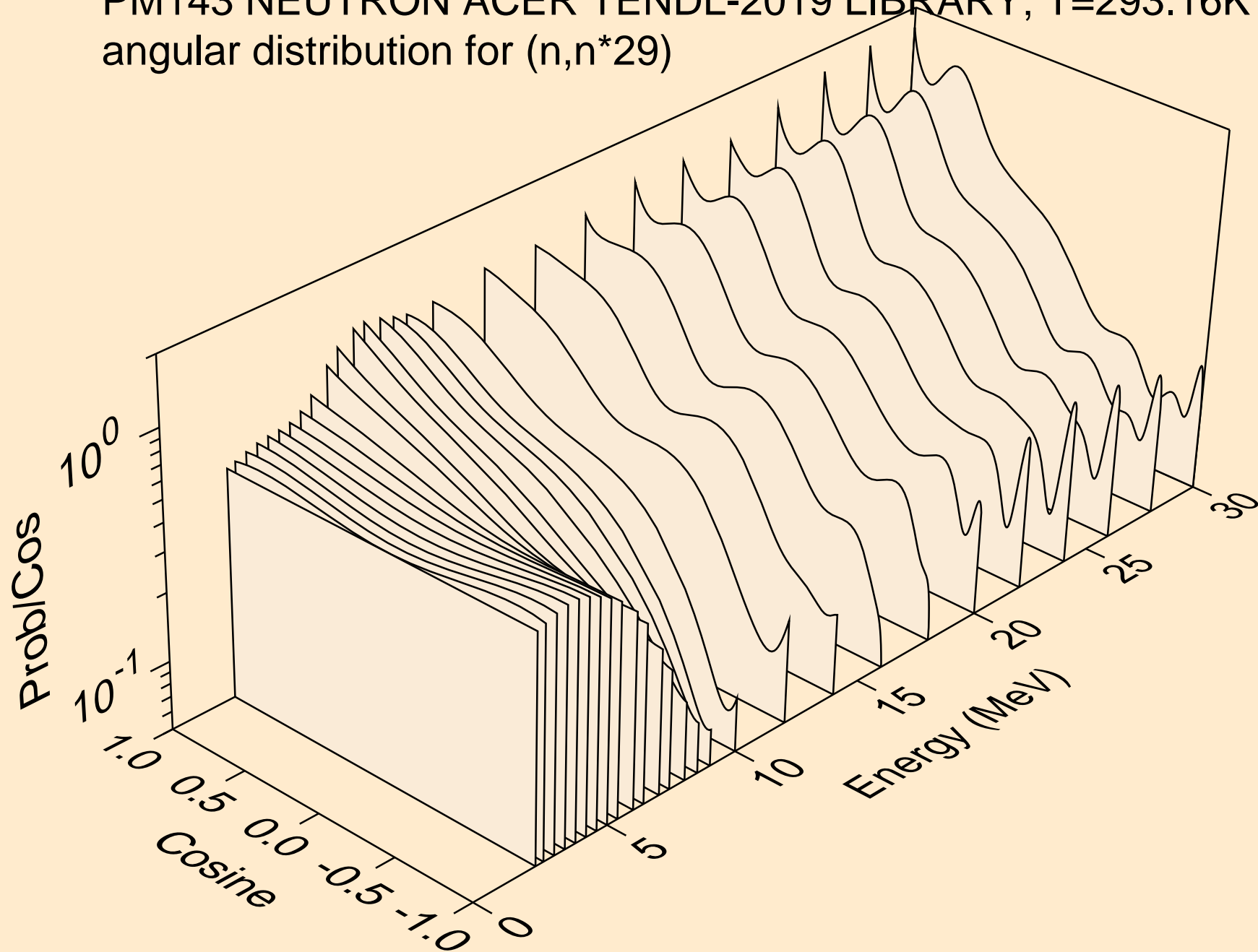
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



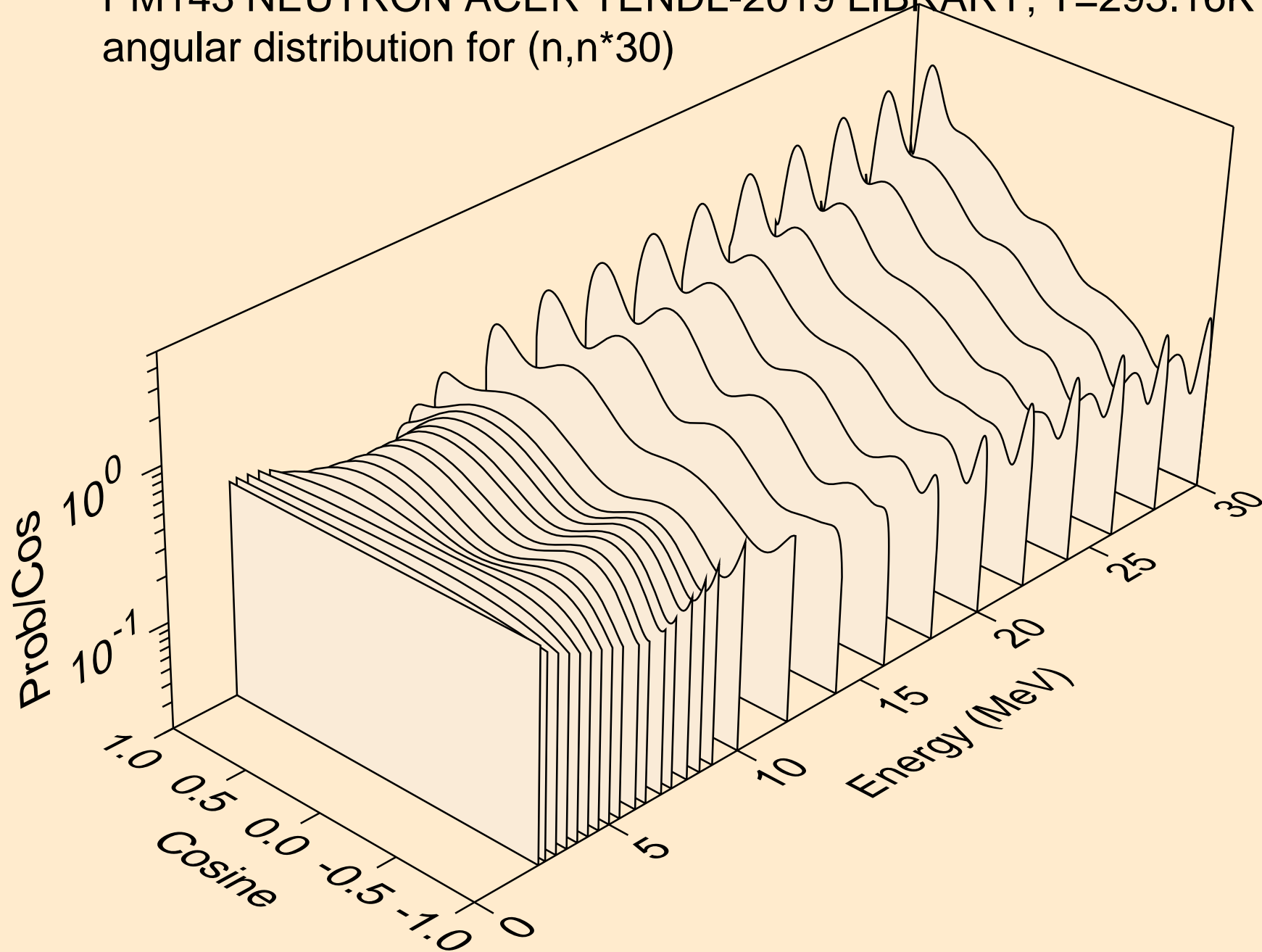
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



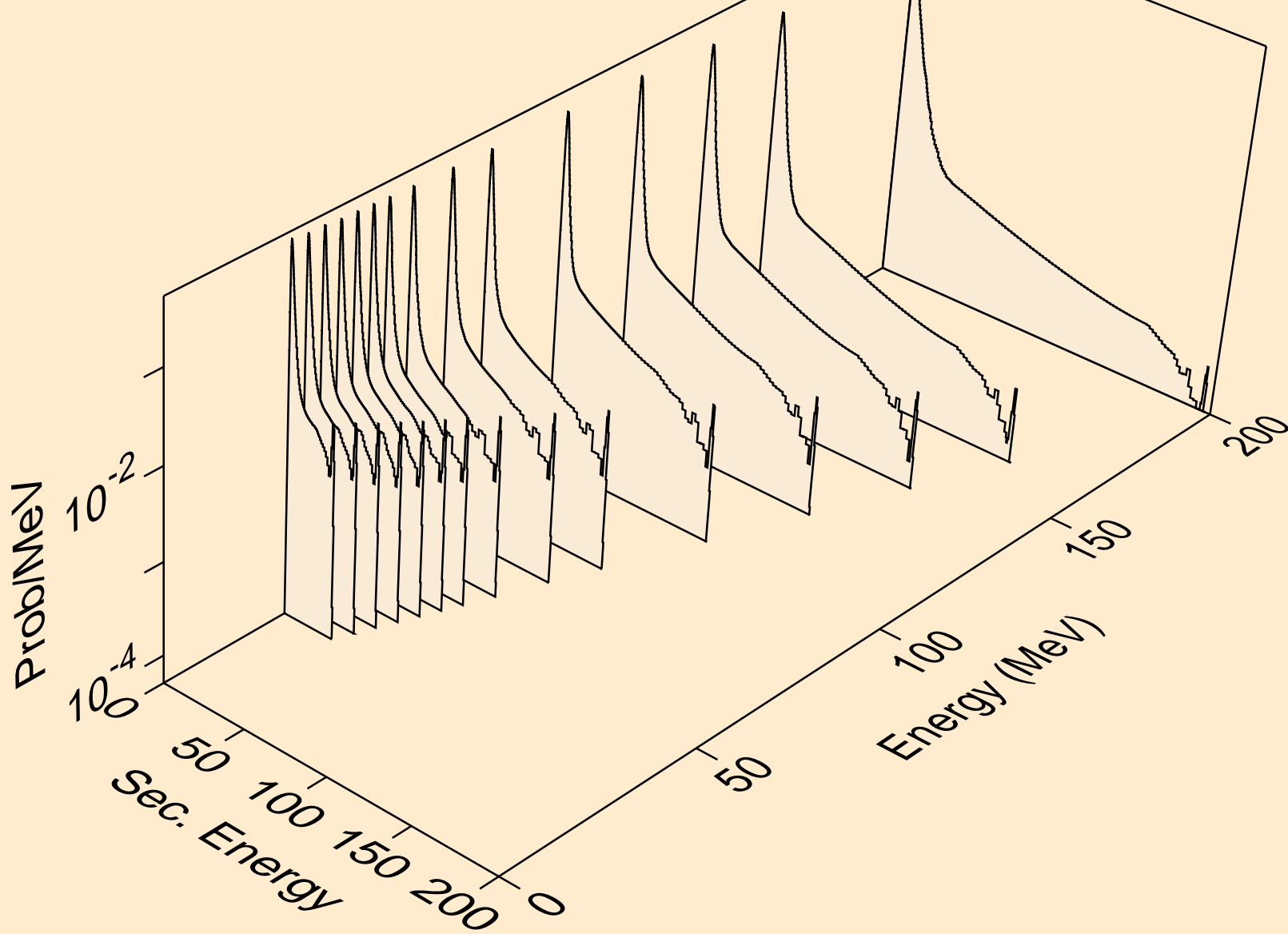
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



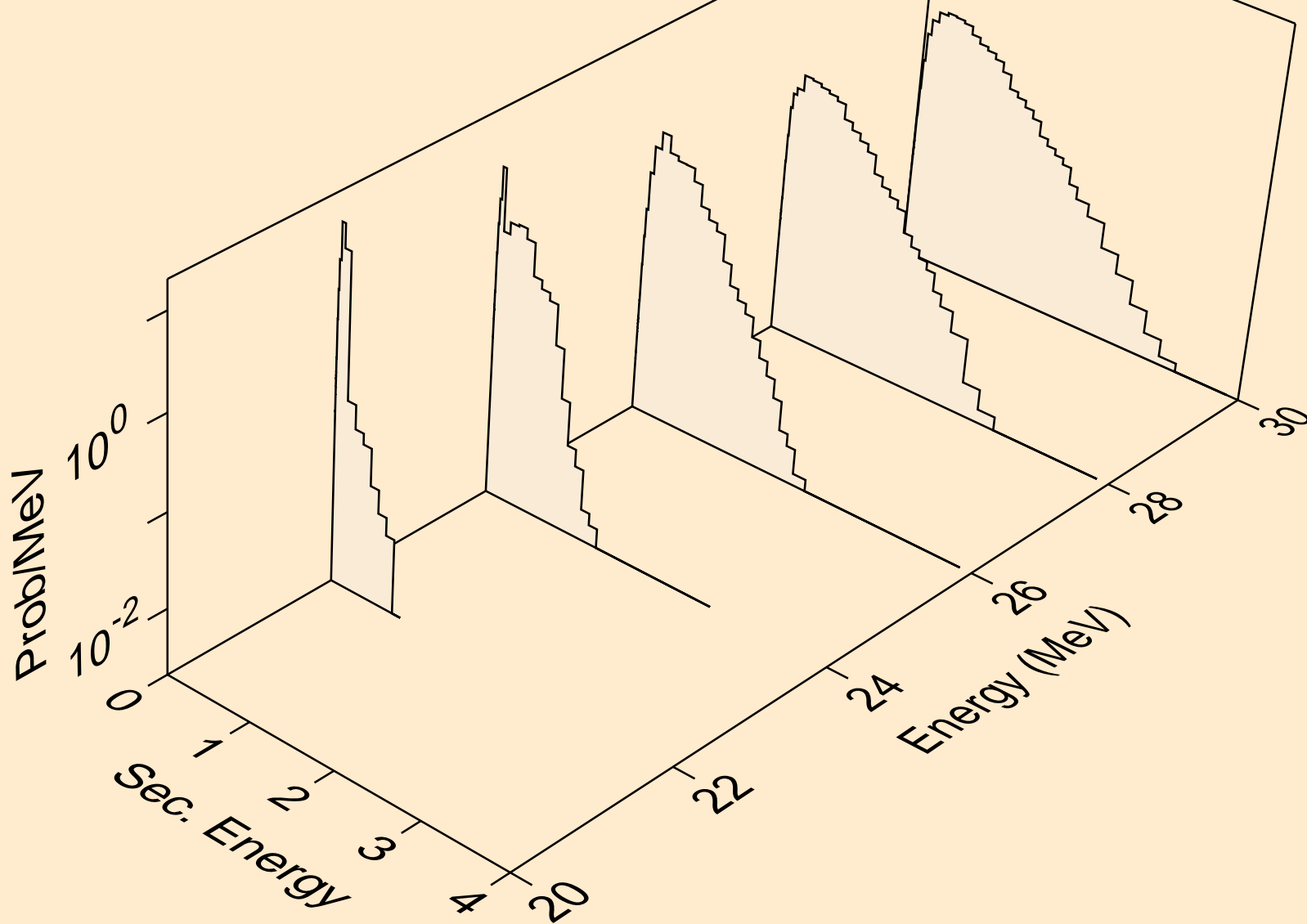
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*30)



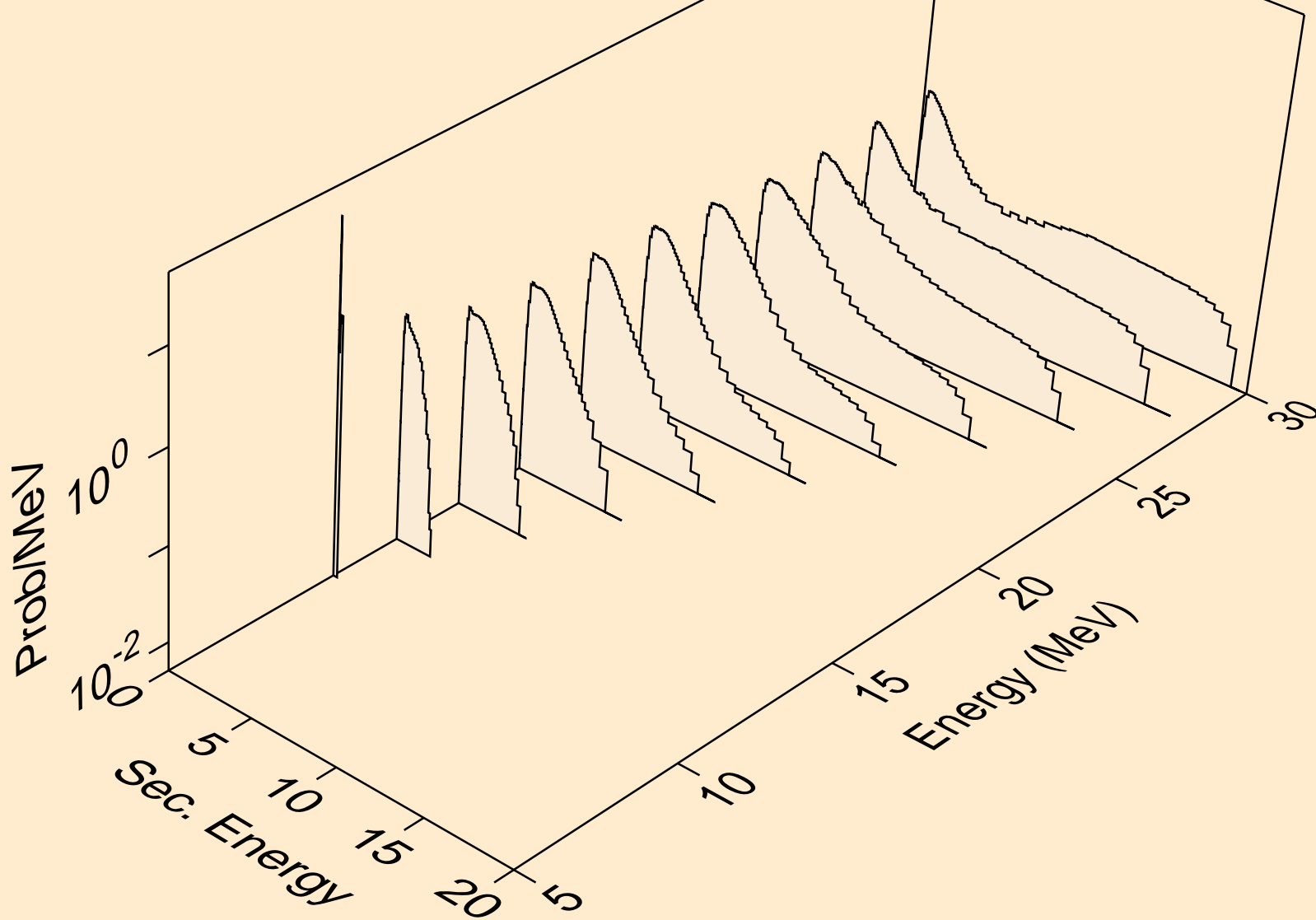
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



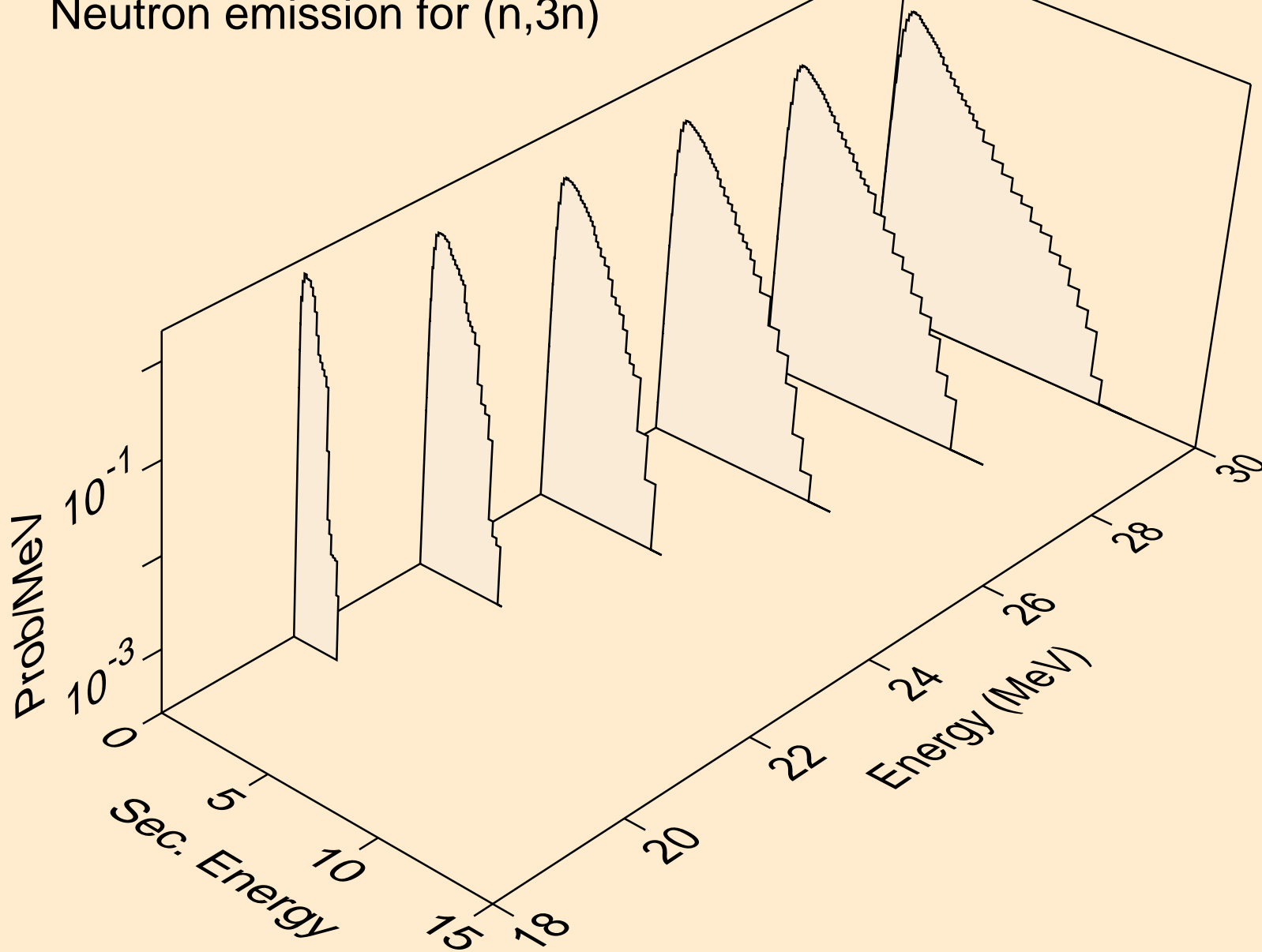
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



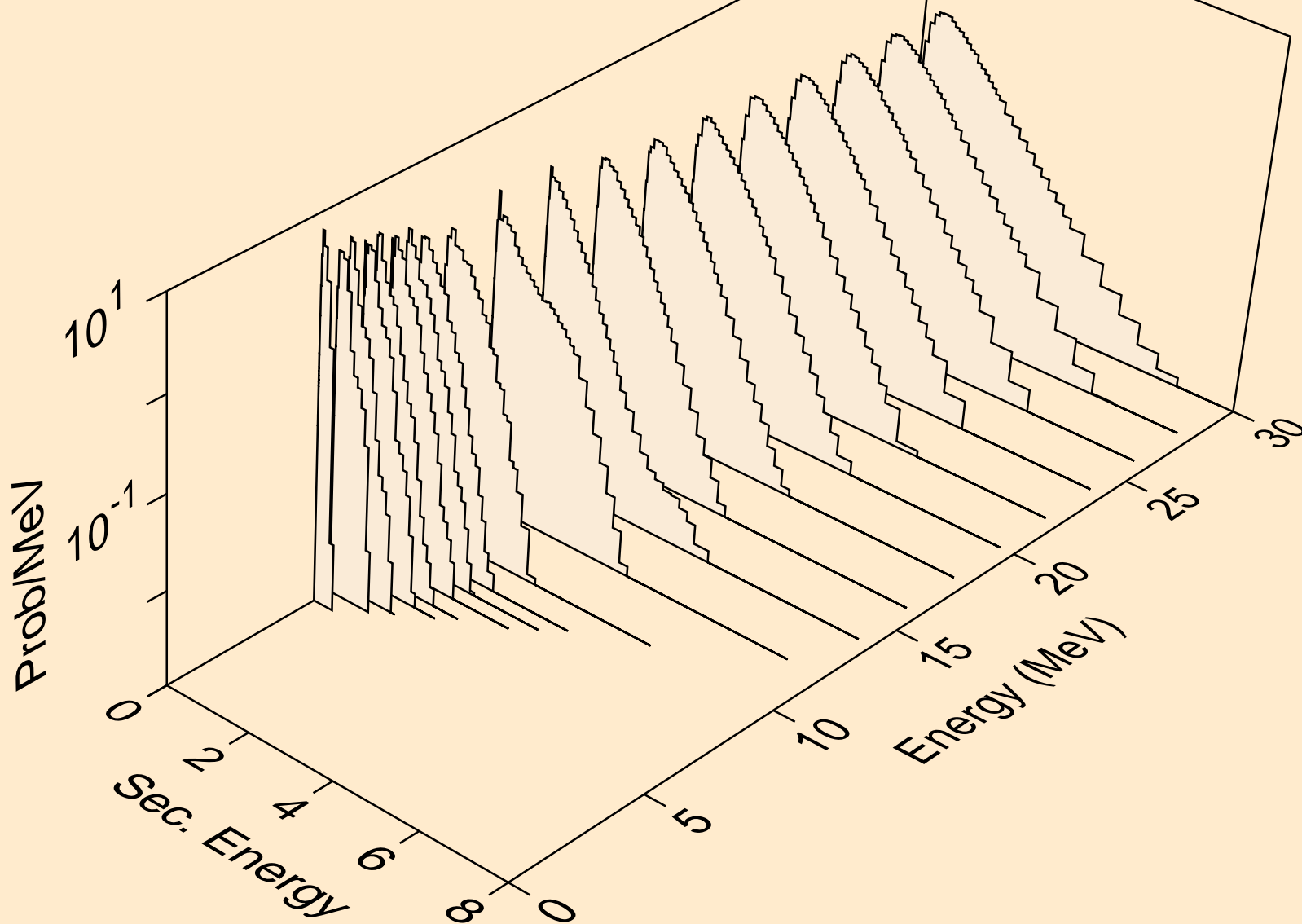
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



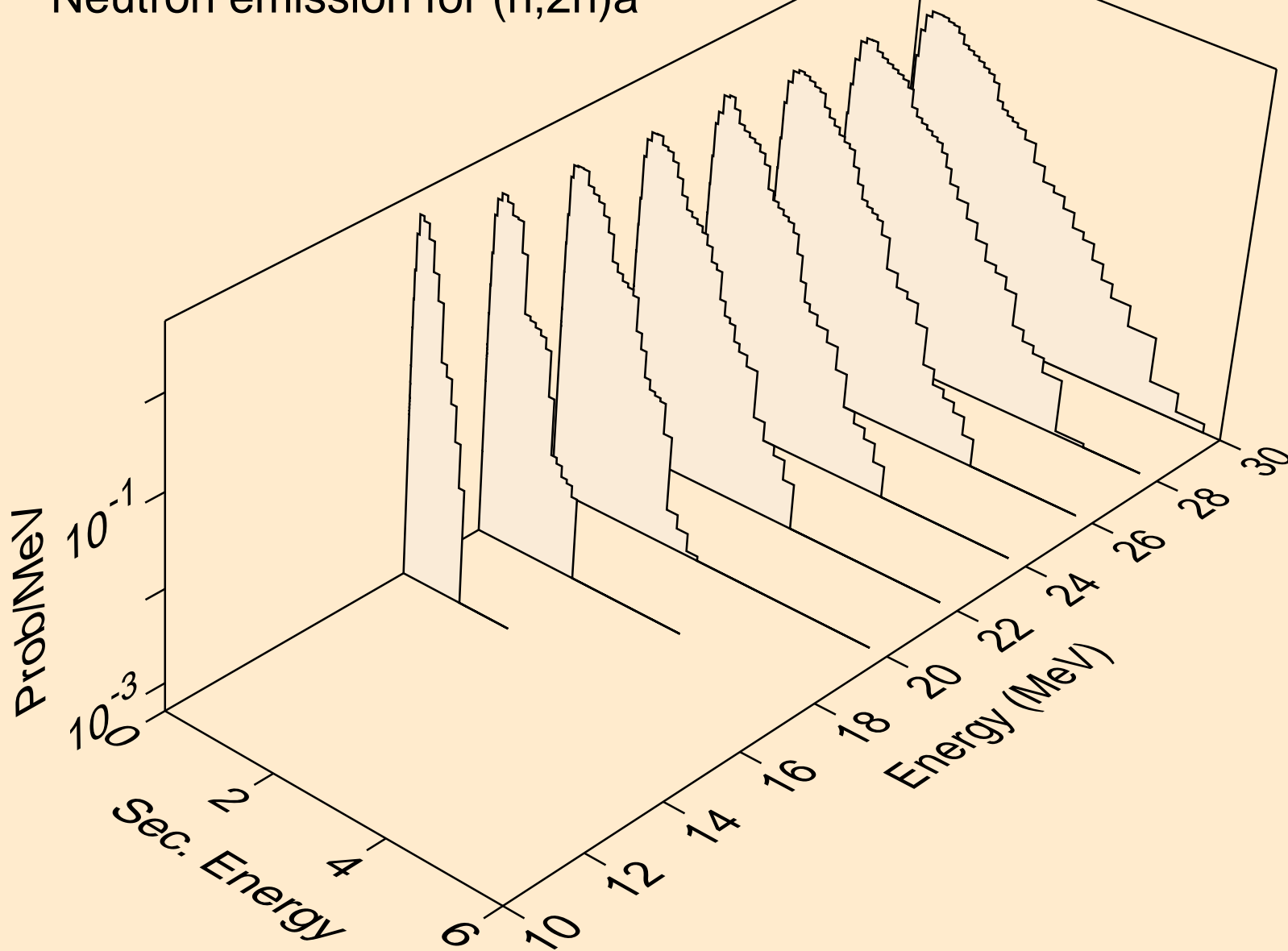
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



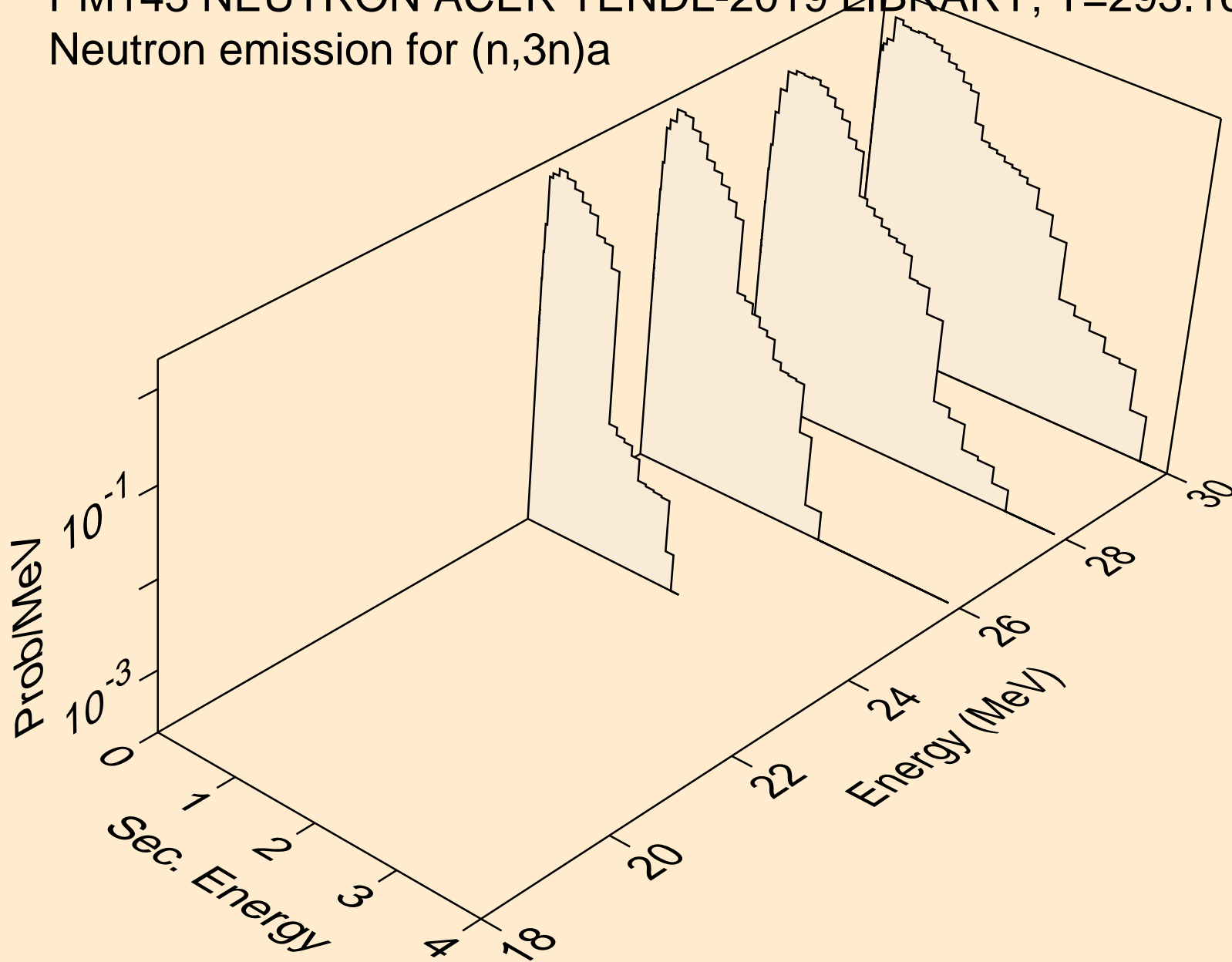
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



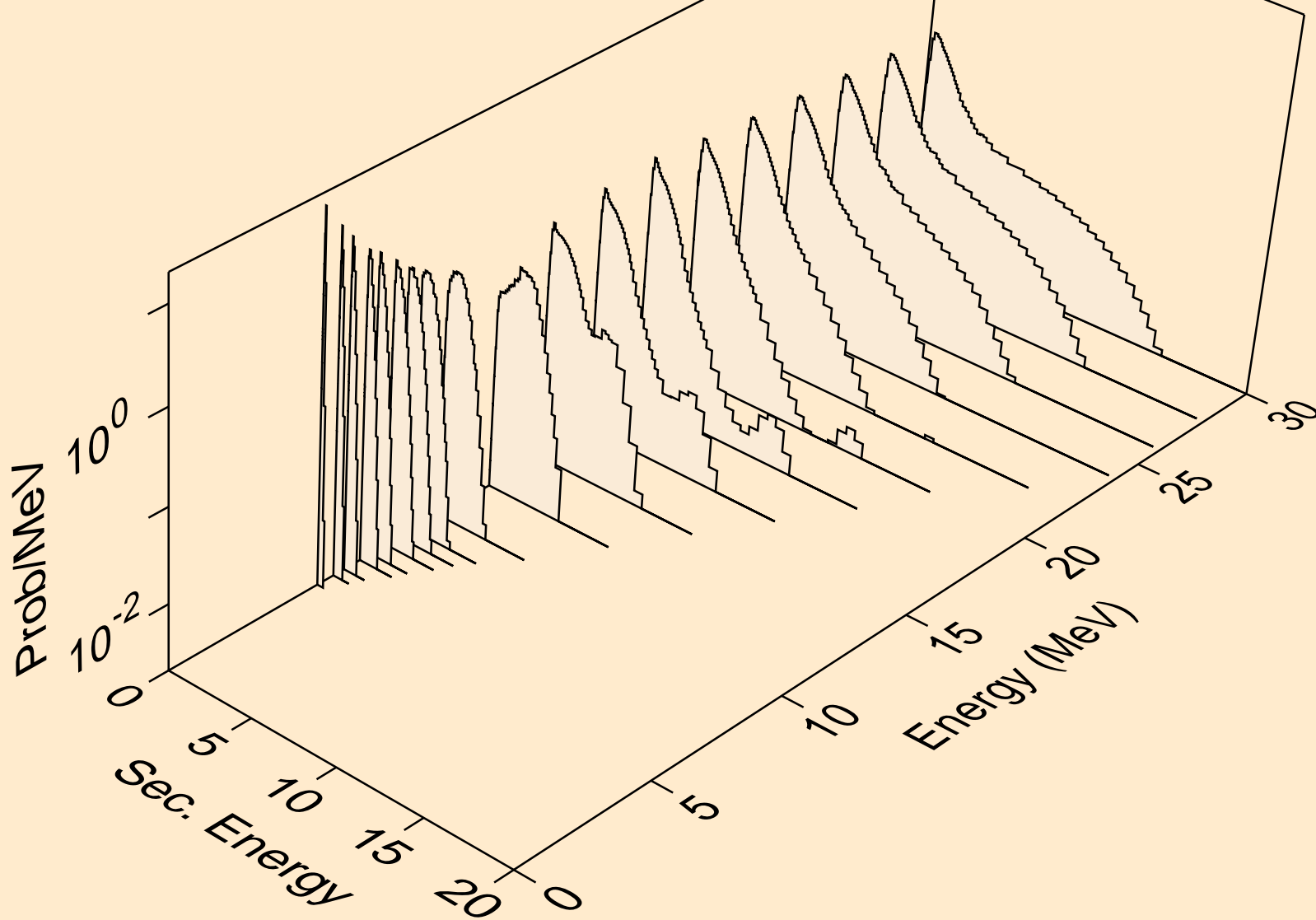
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



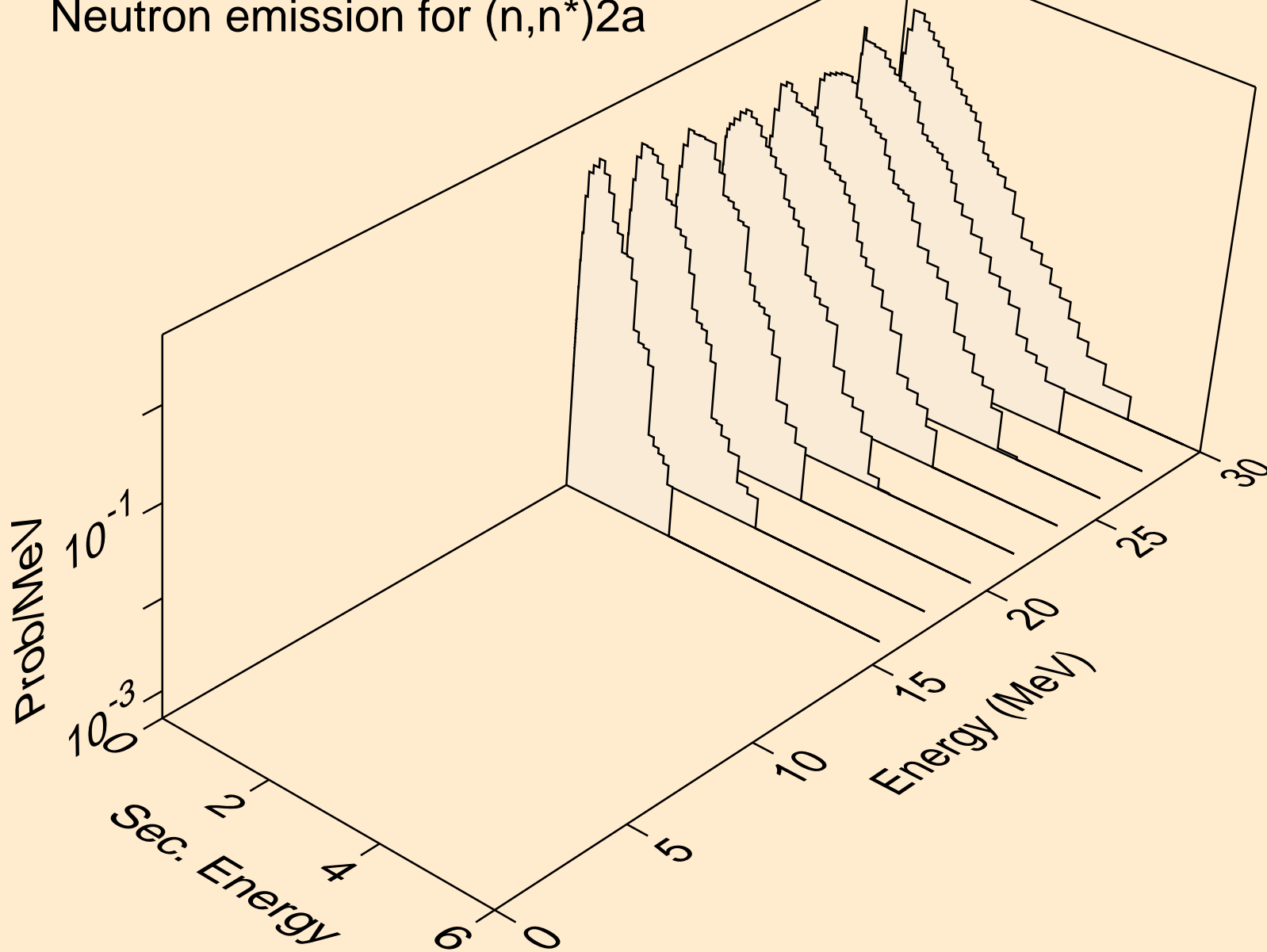
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



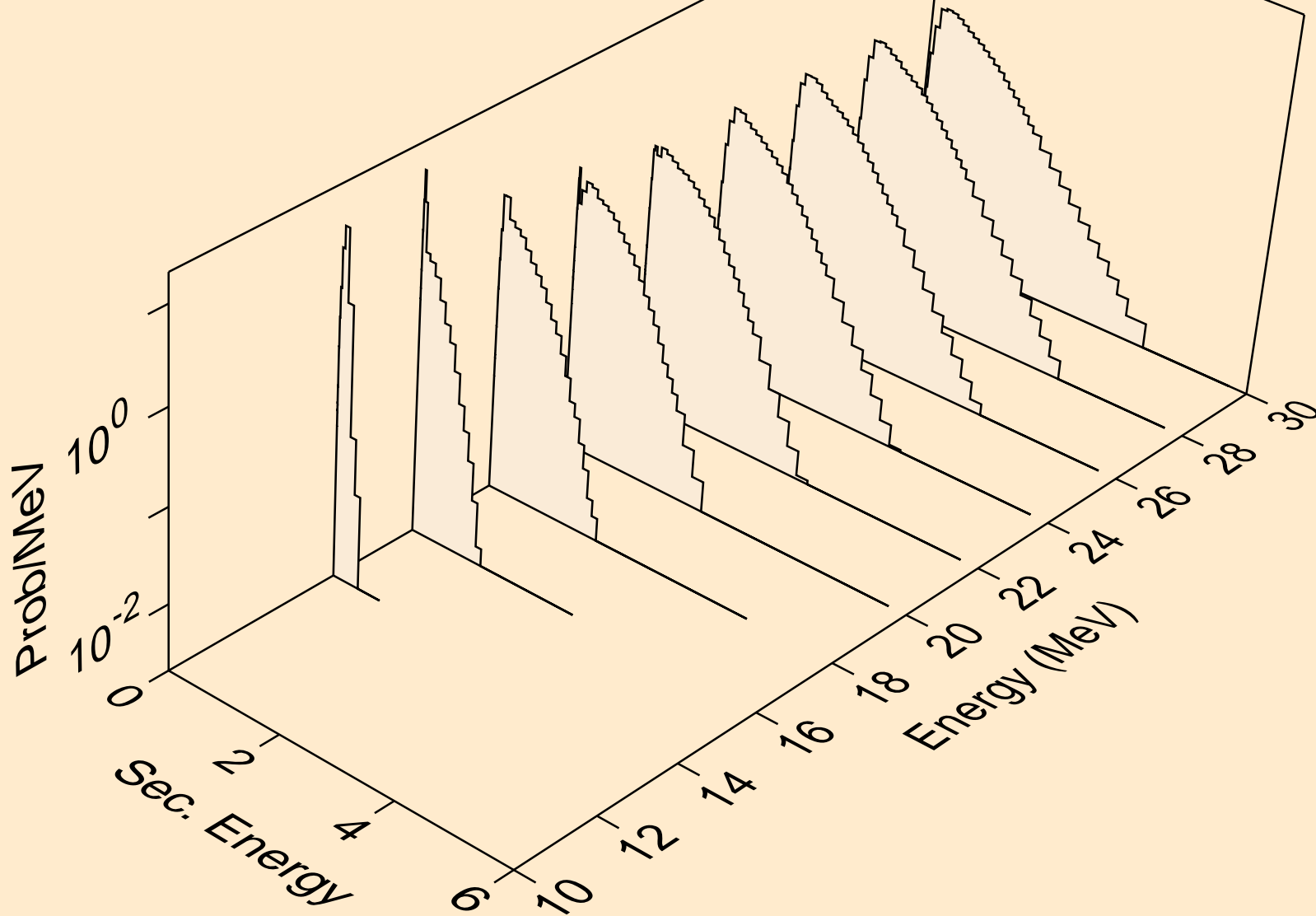
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



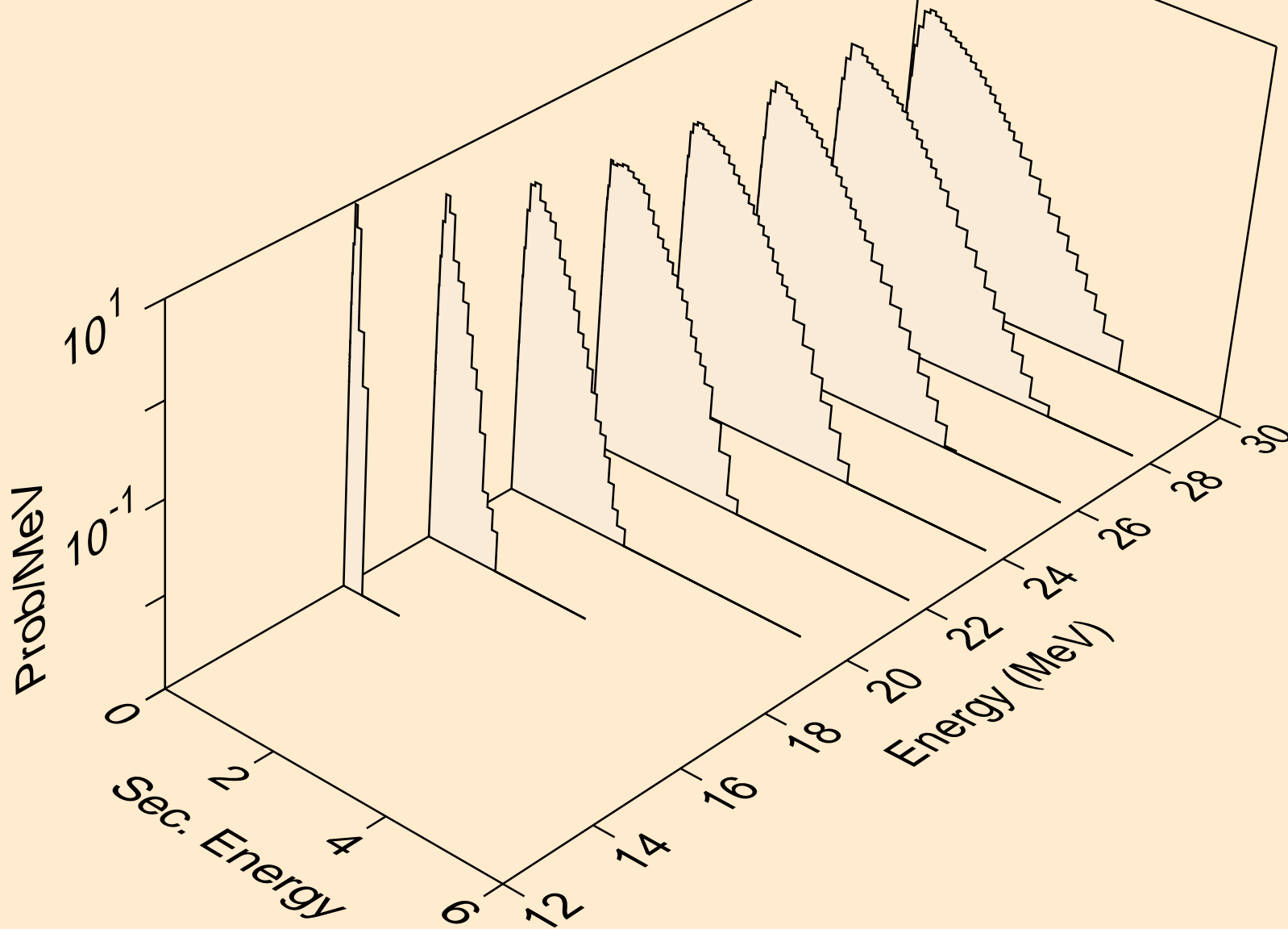
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



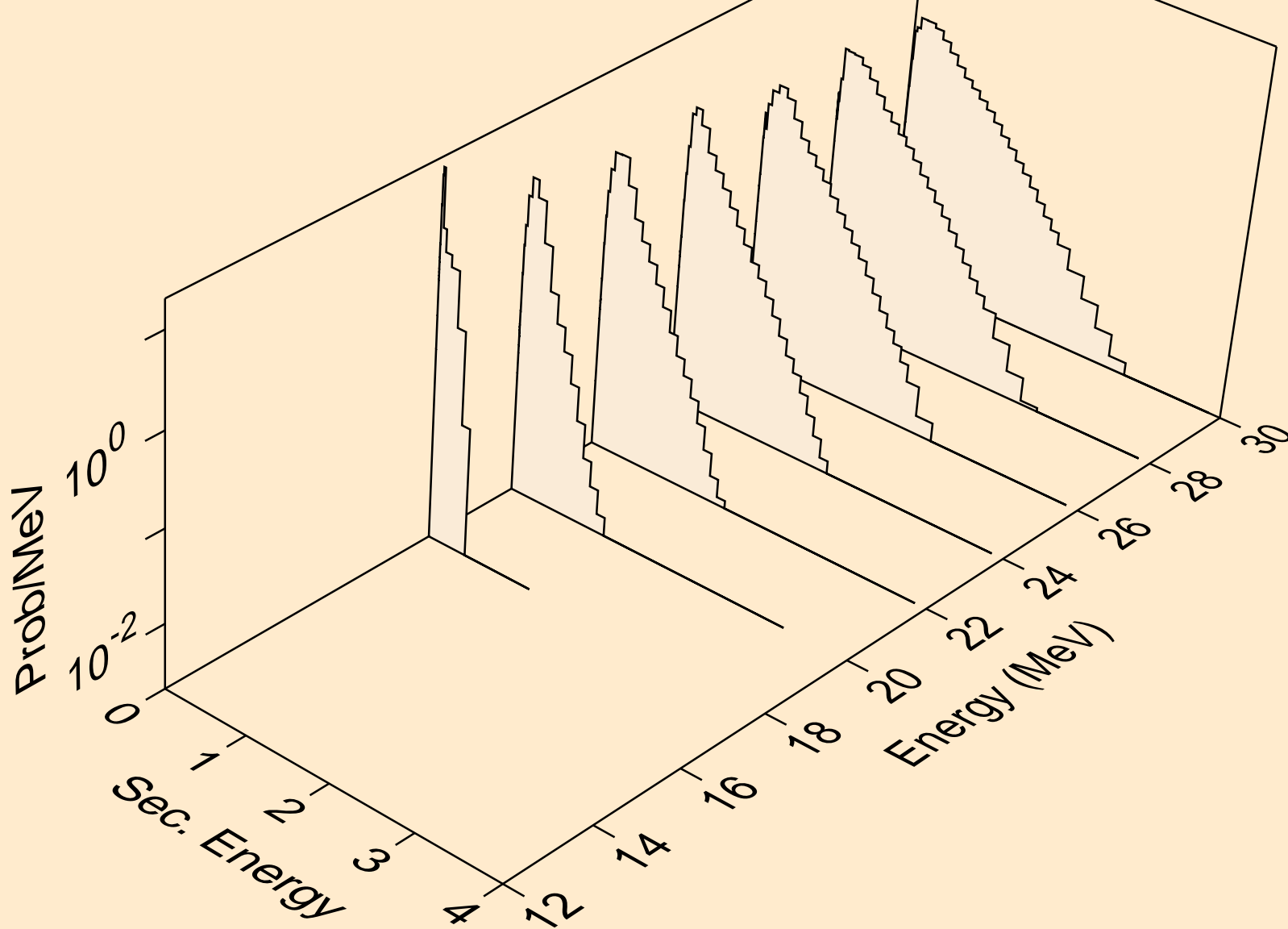
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



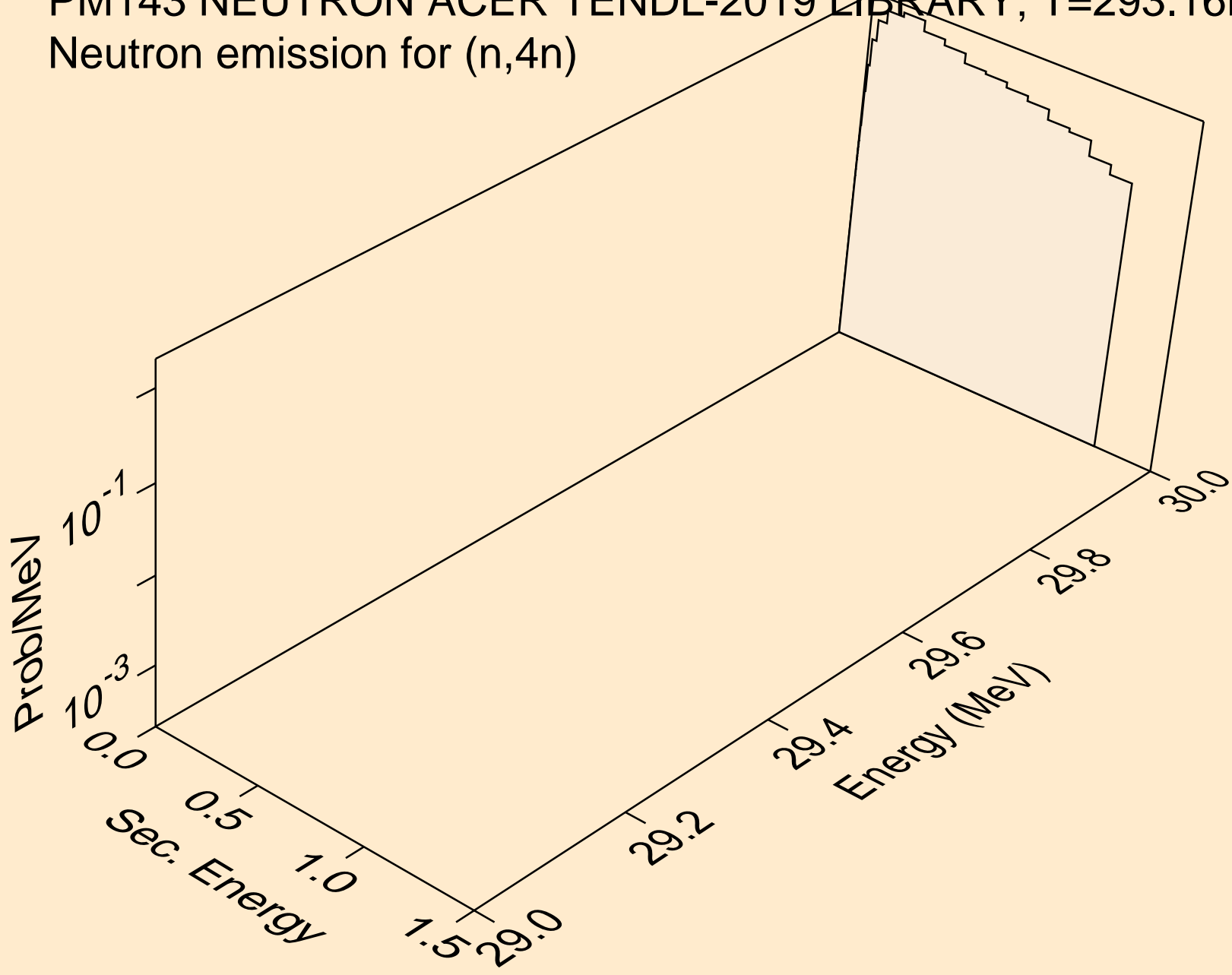
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



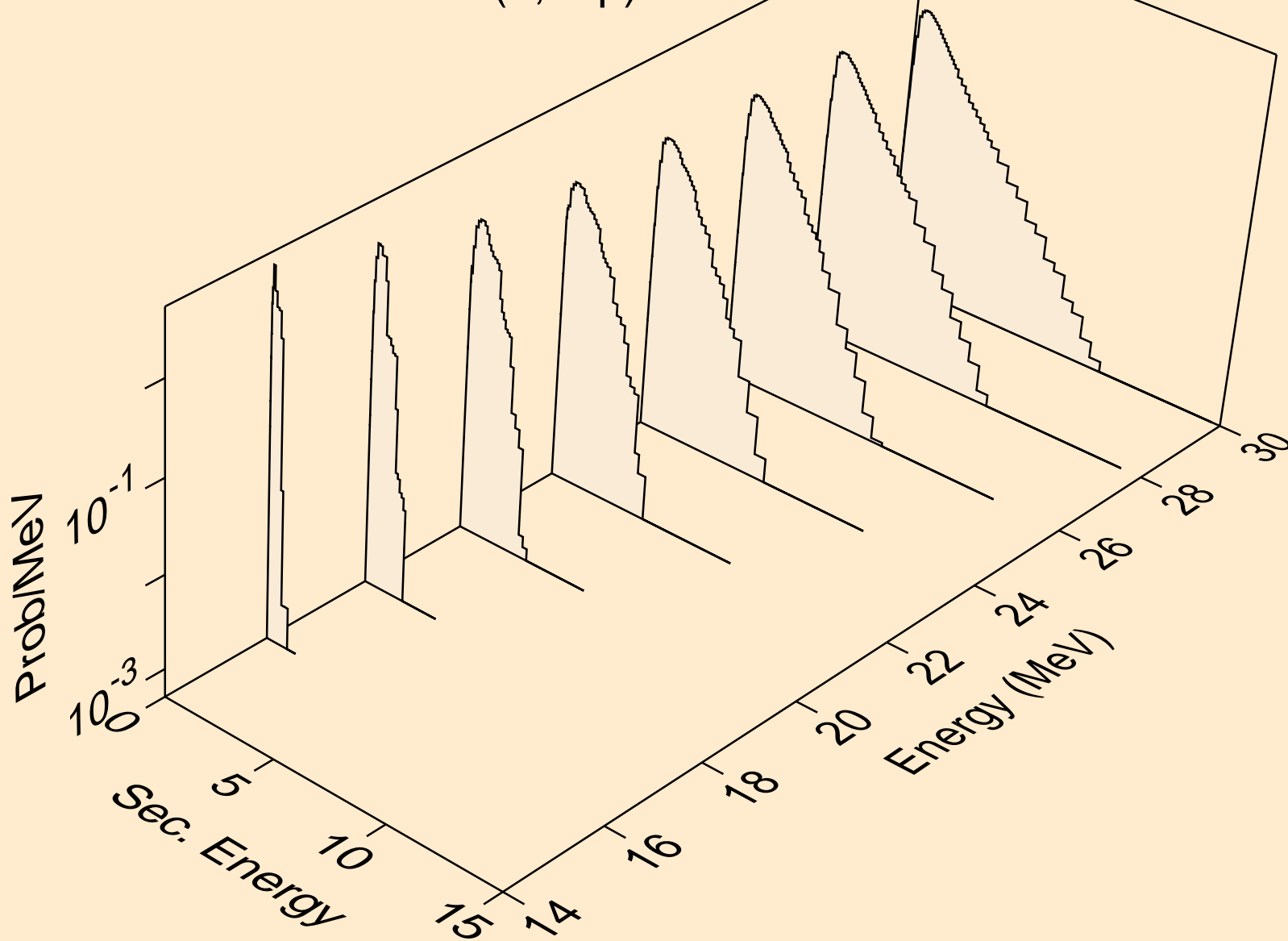
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



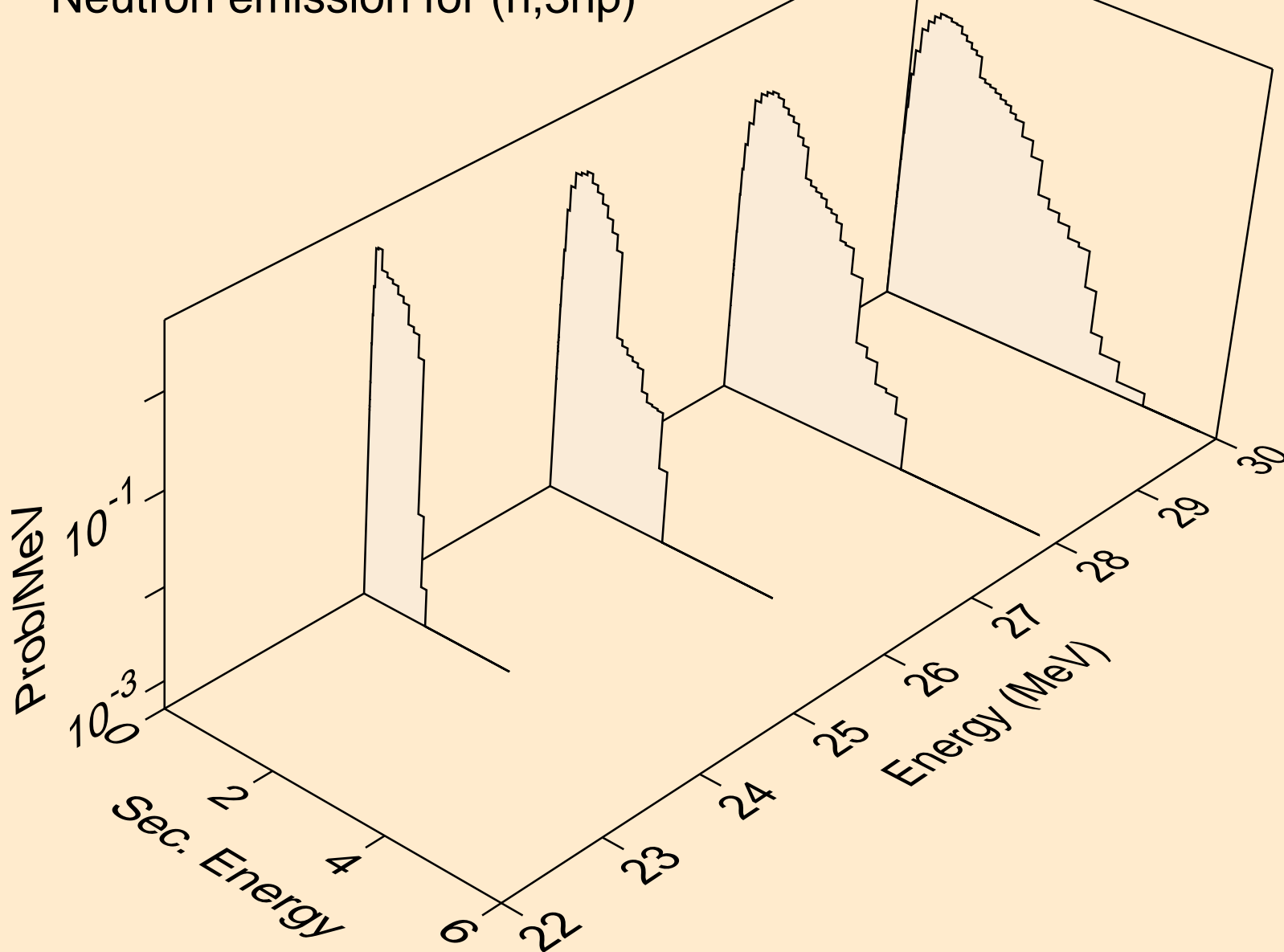
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



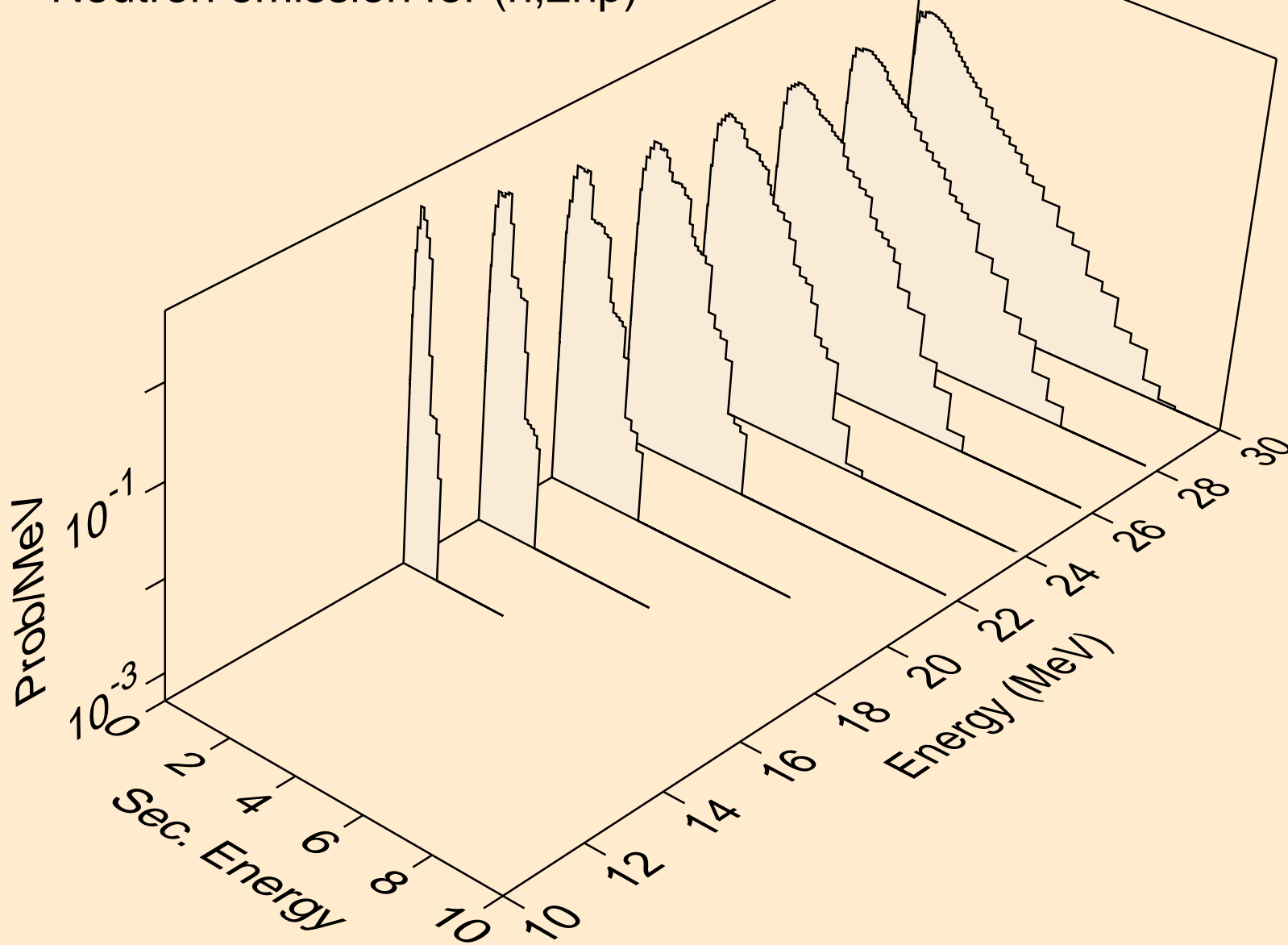
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



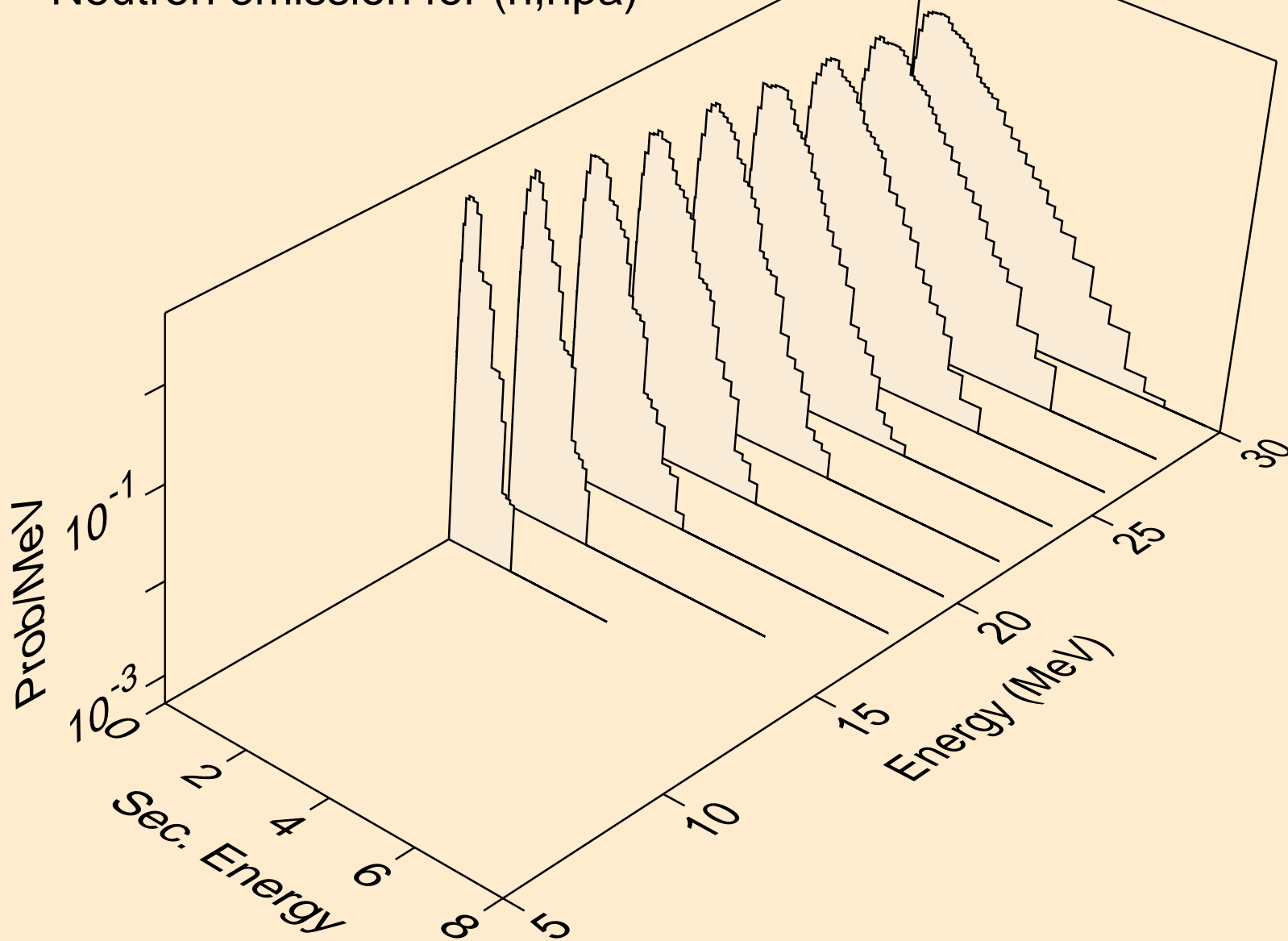
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



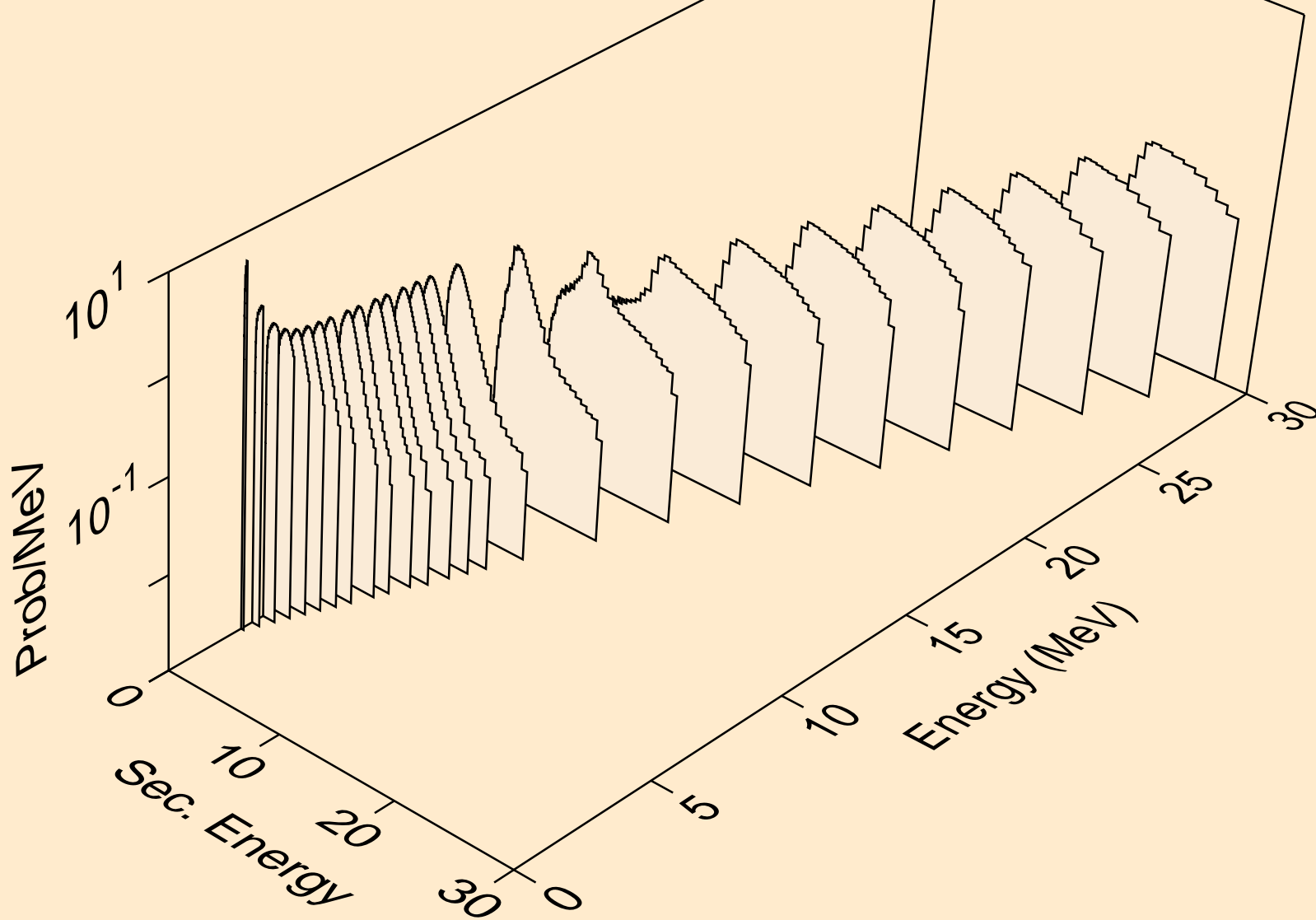
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



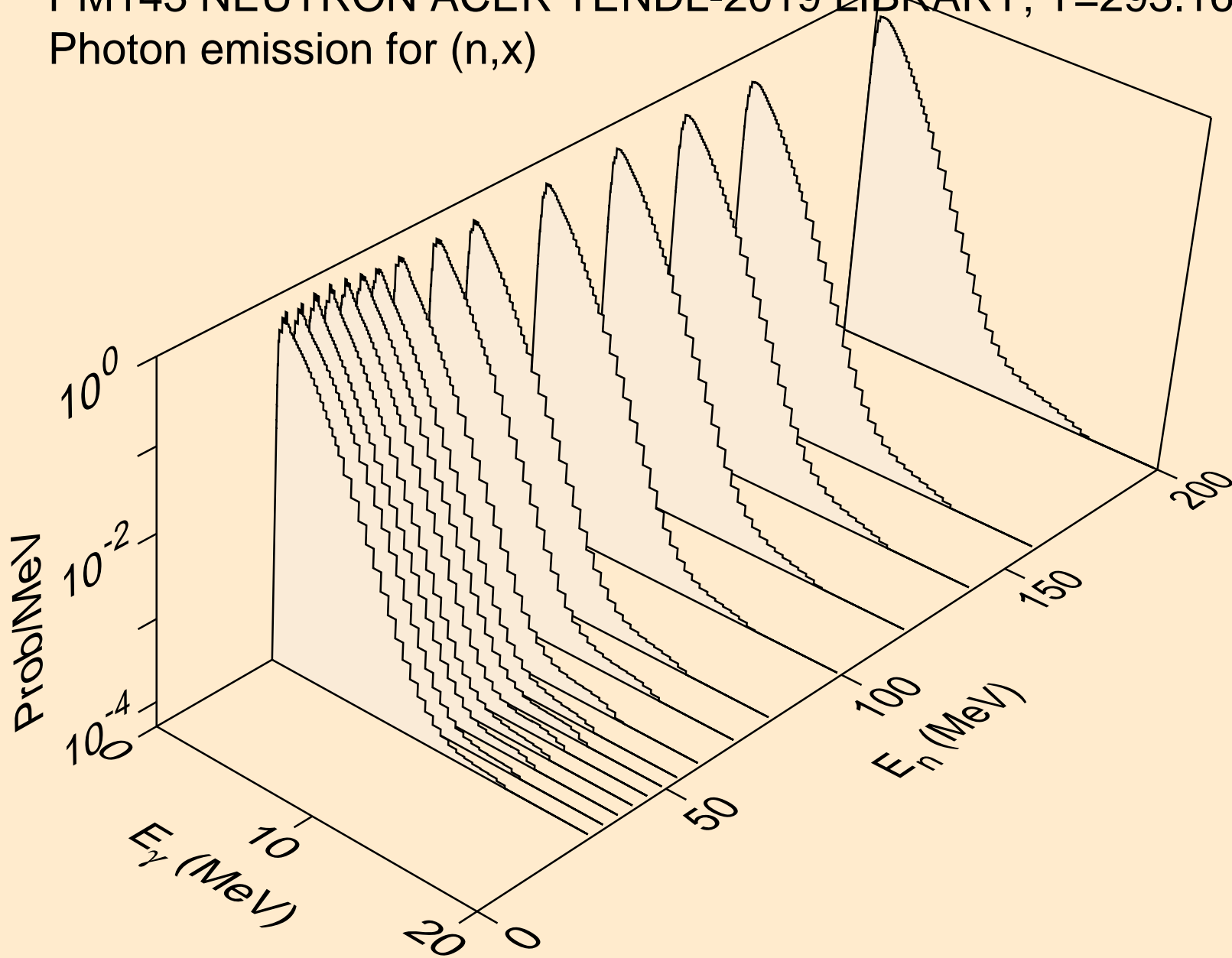
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



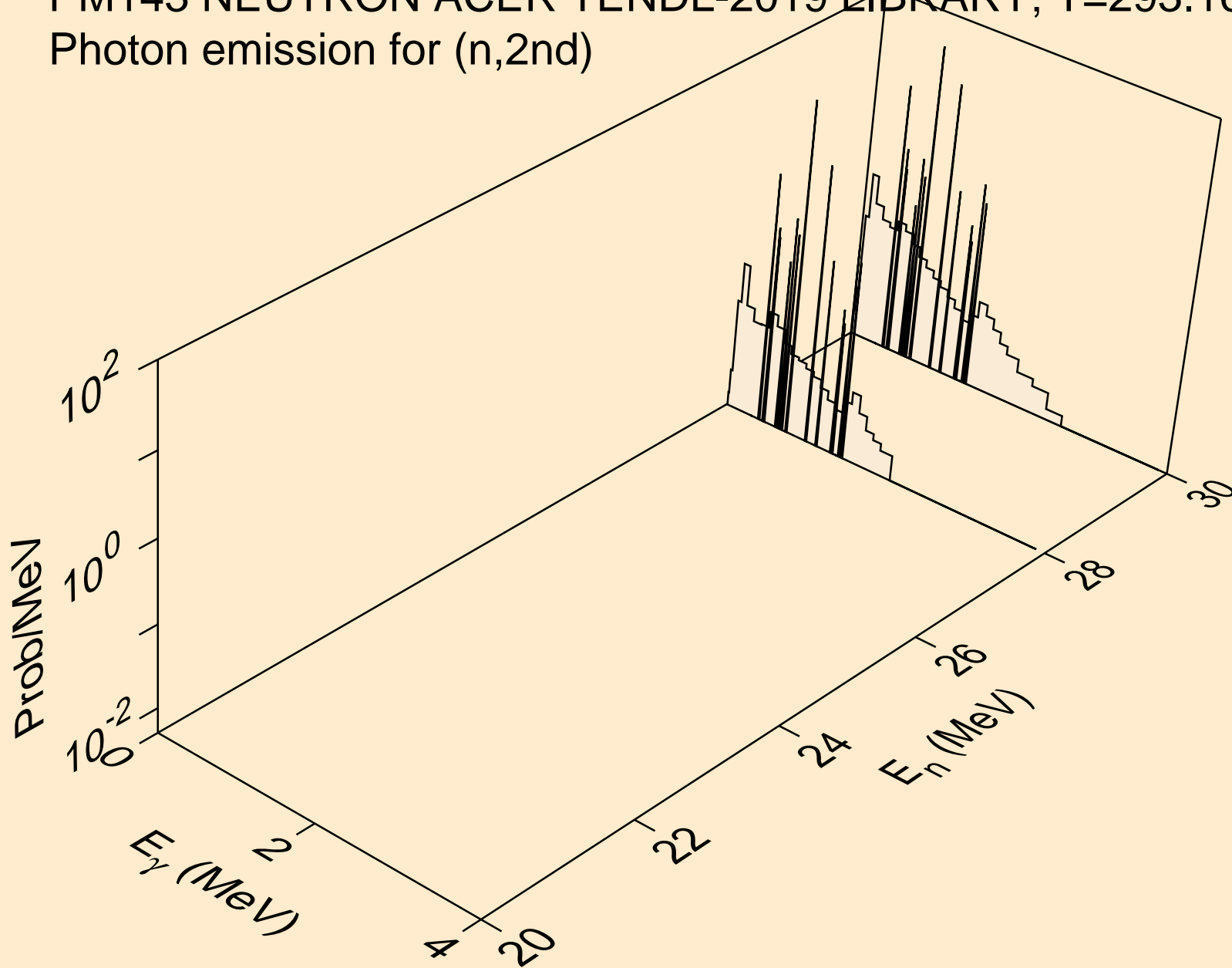
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



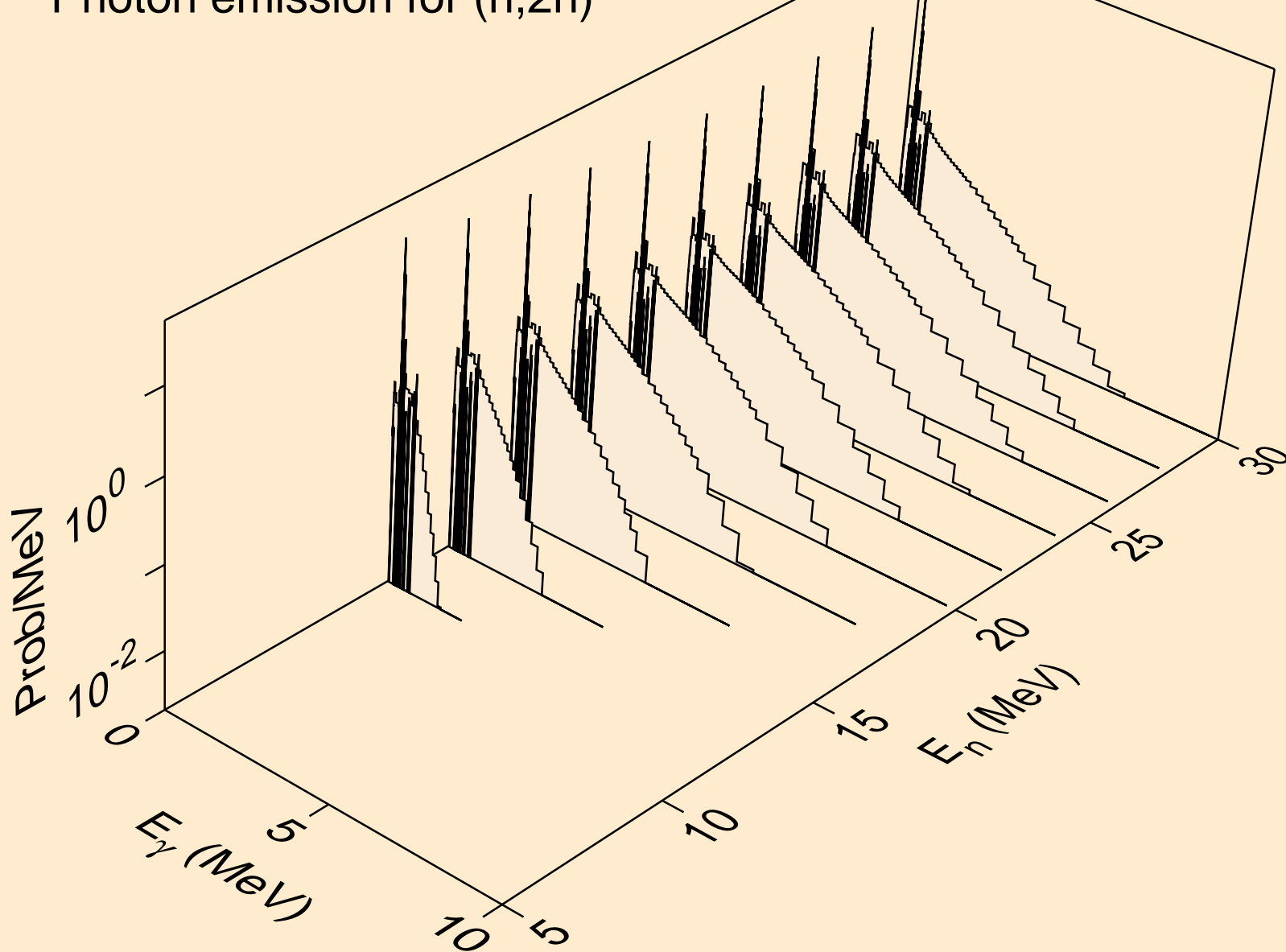
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



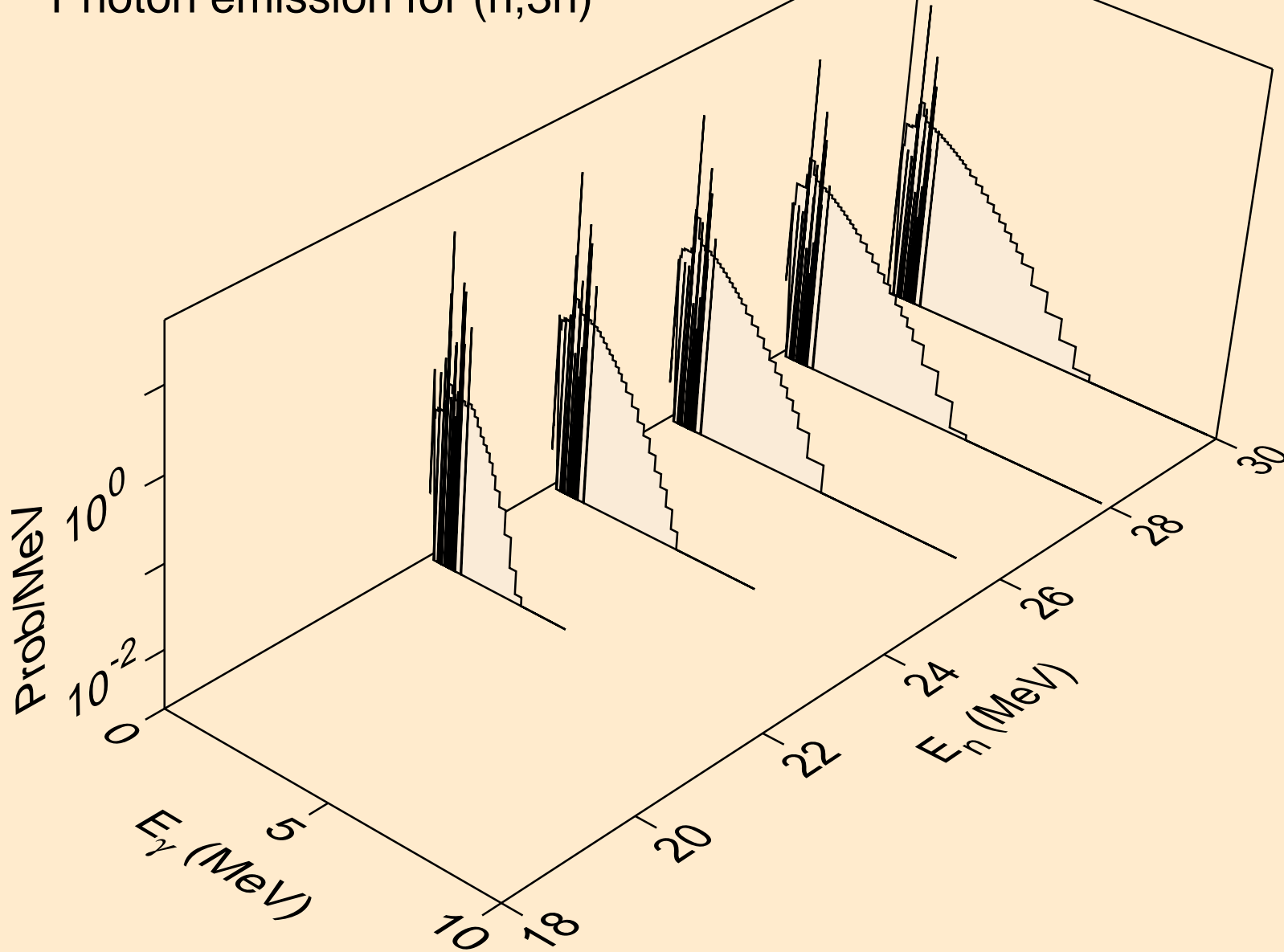
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



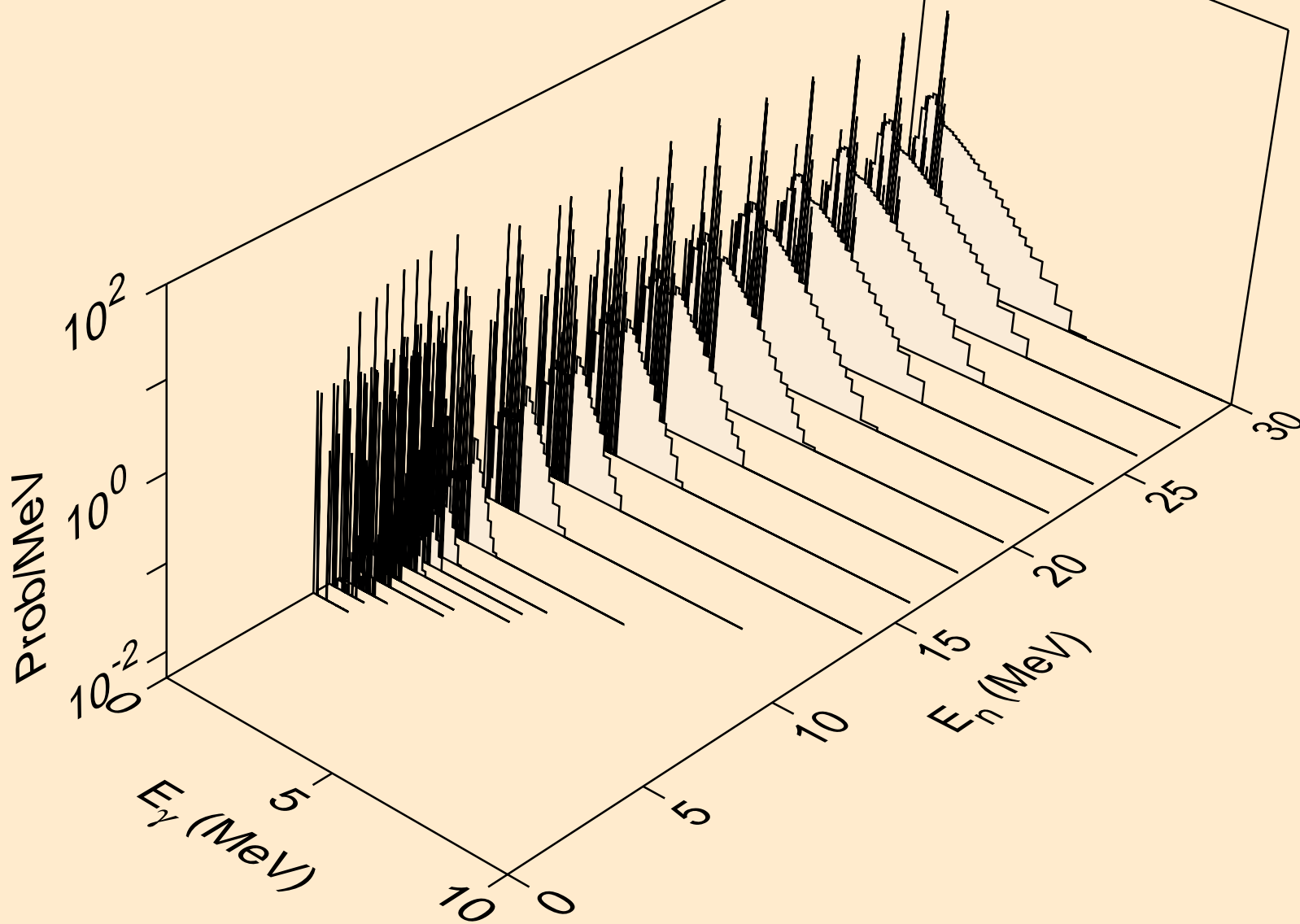
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



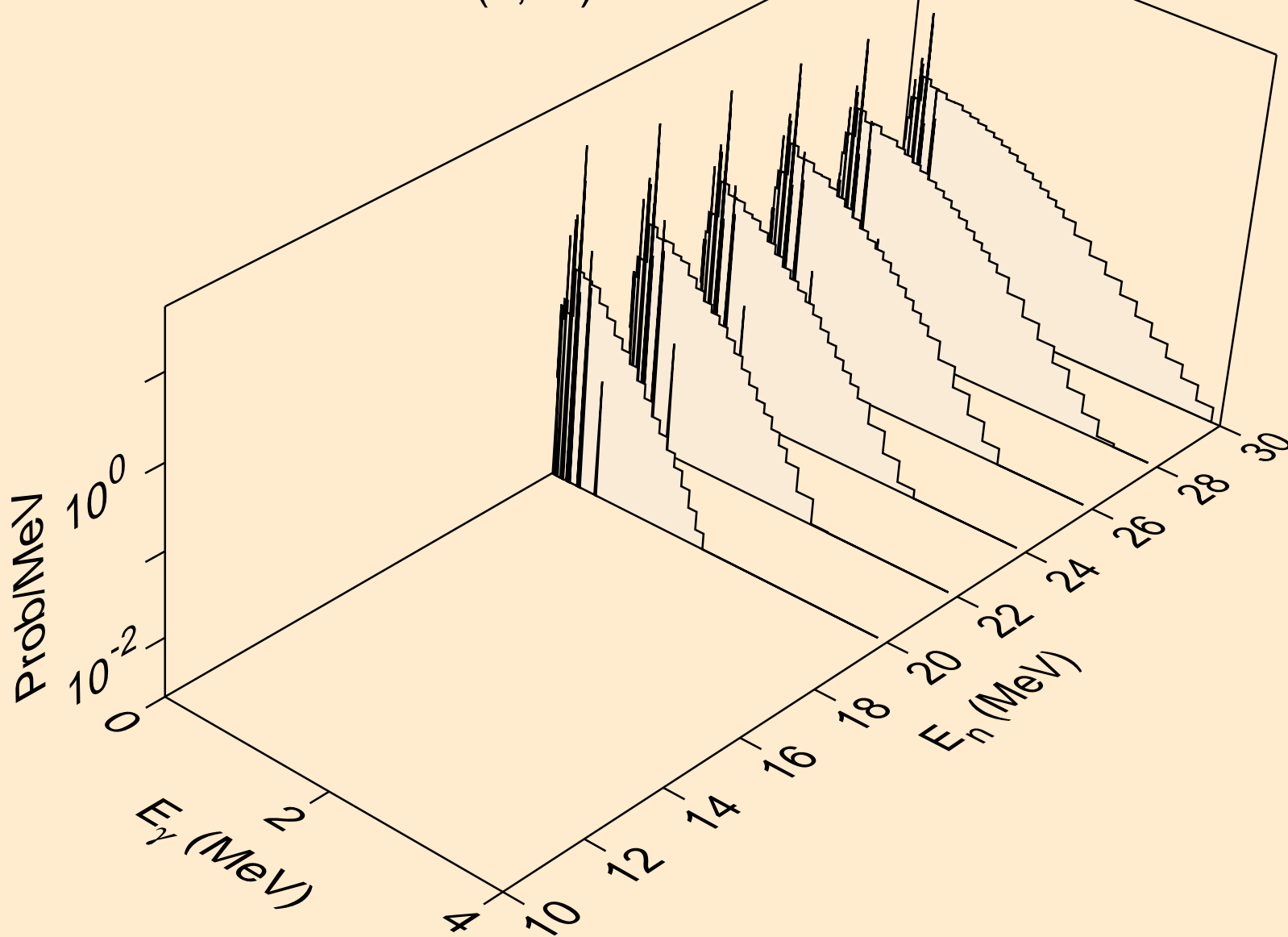
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



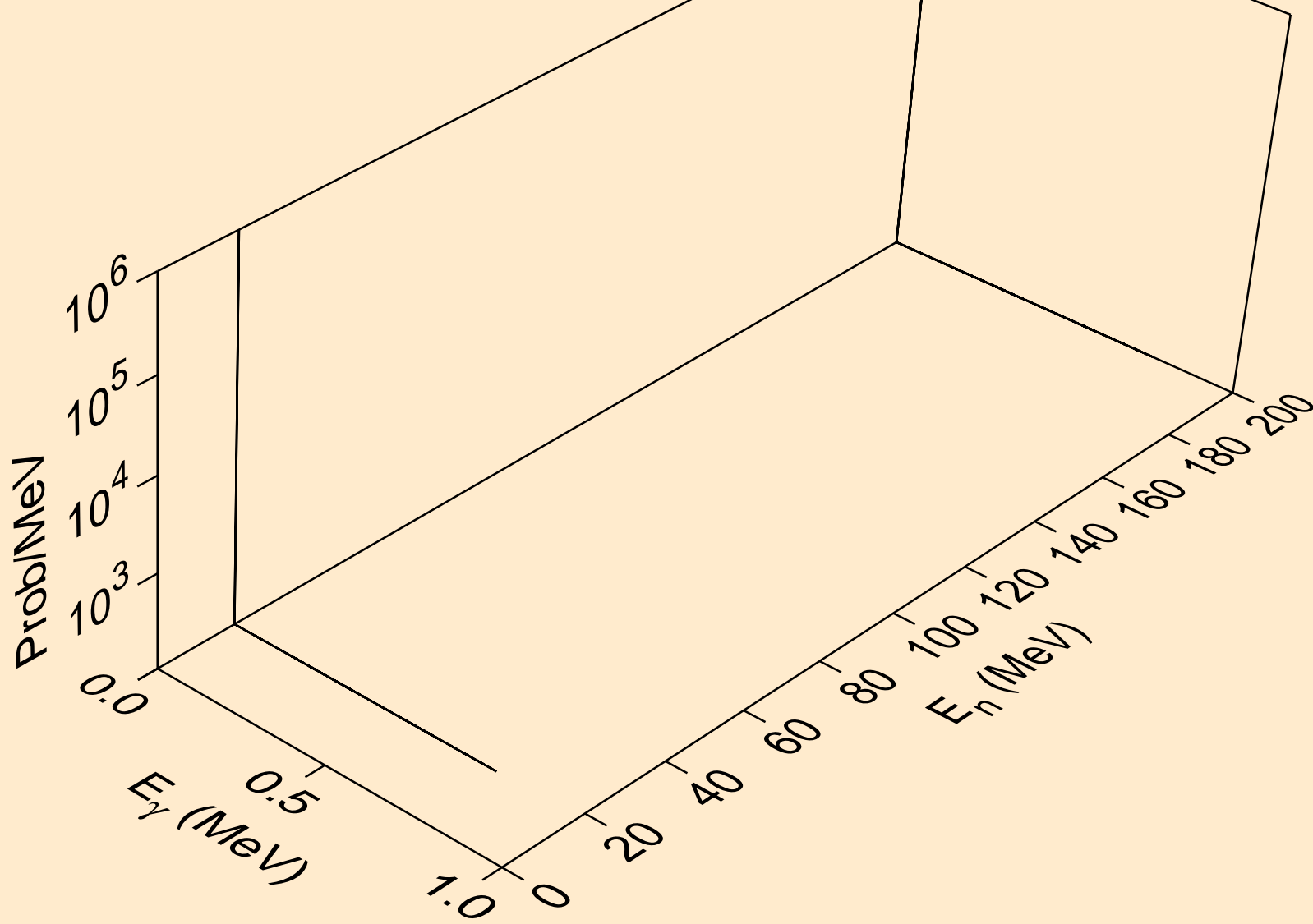
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



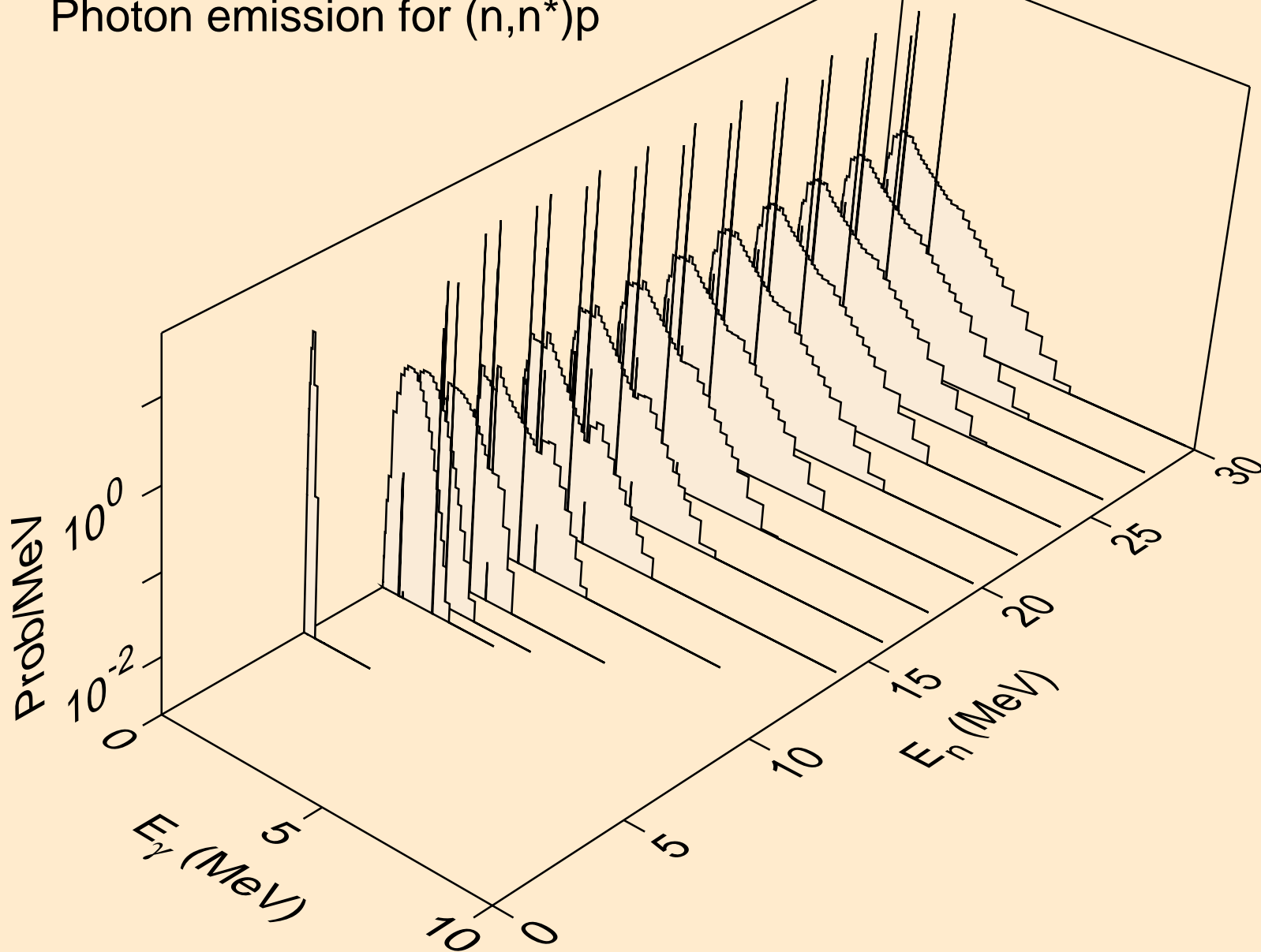
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



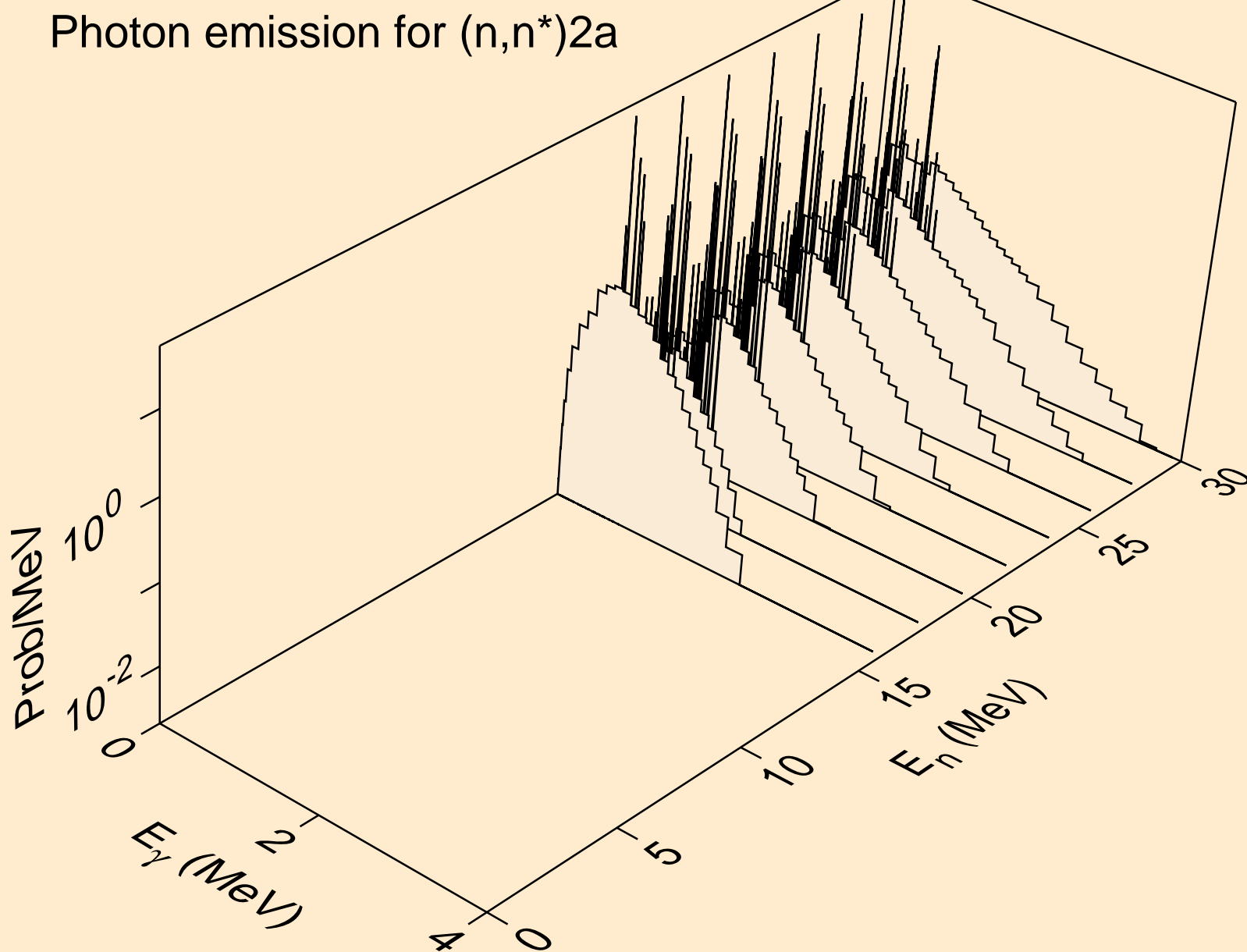
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



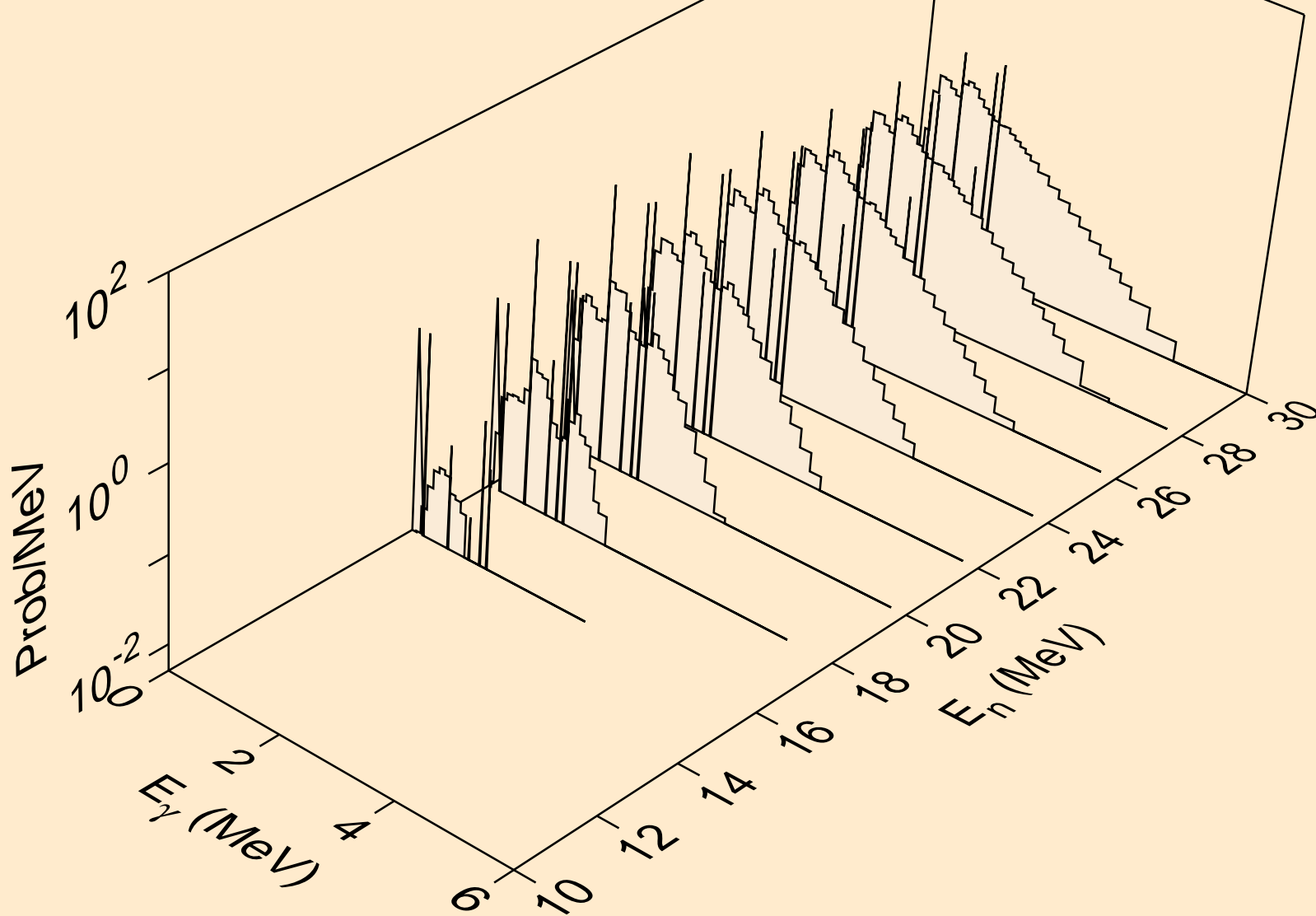
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



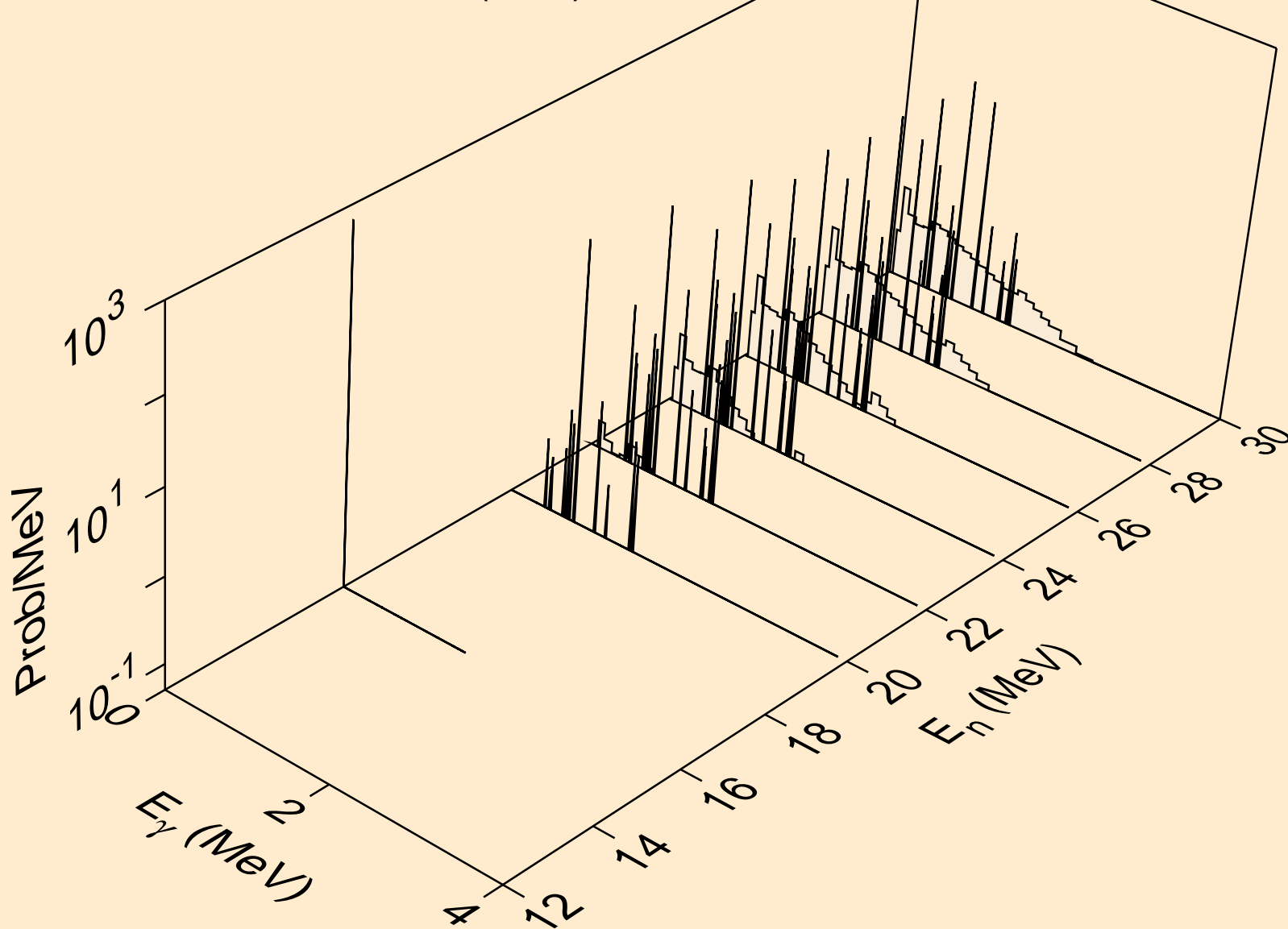
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



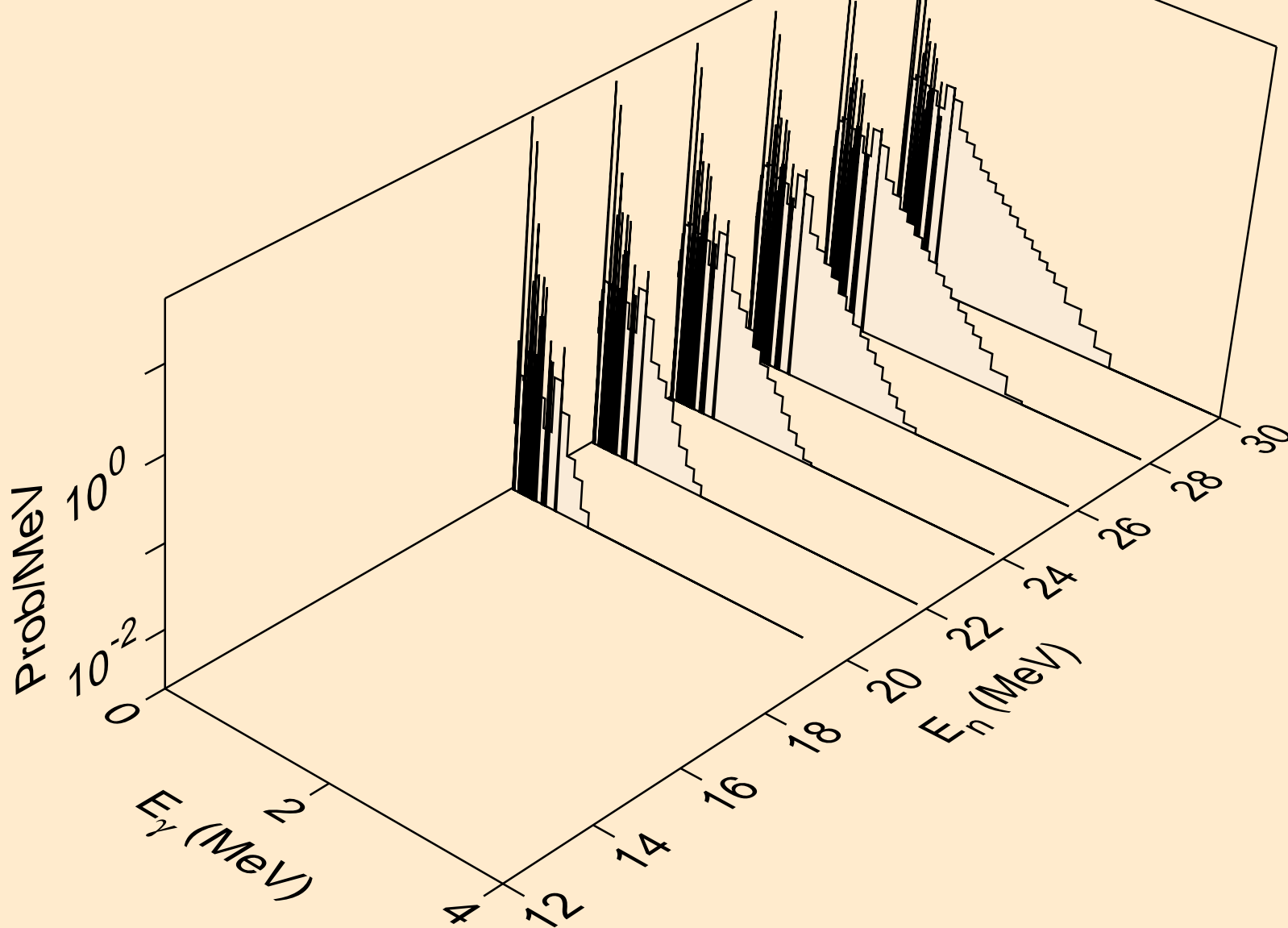
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



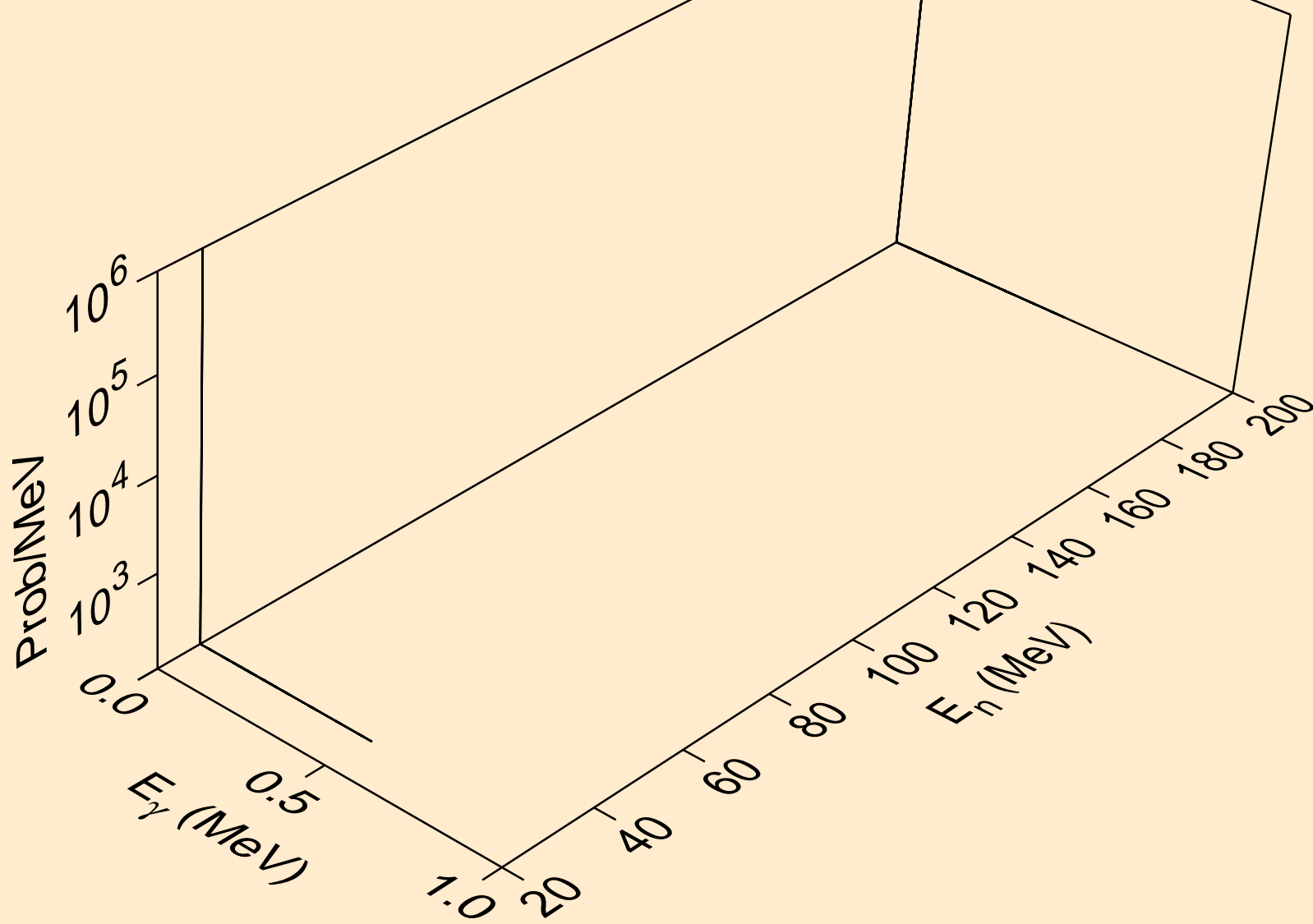
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



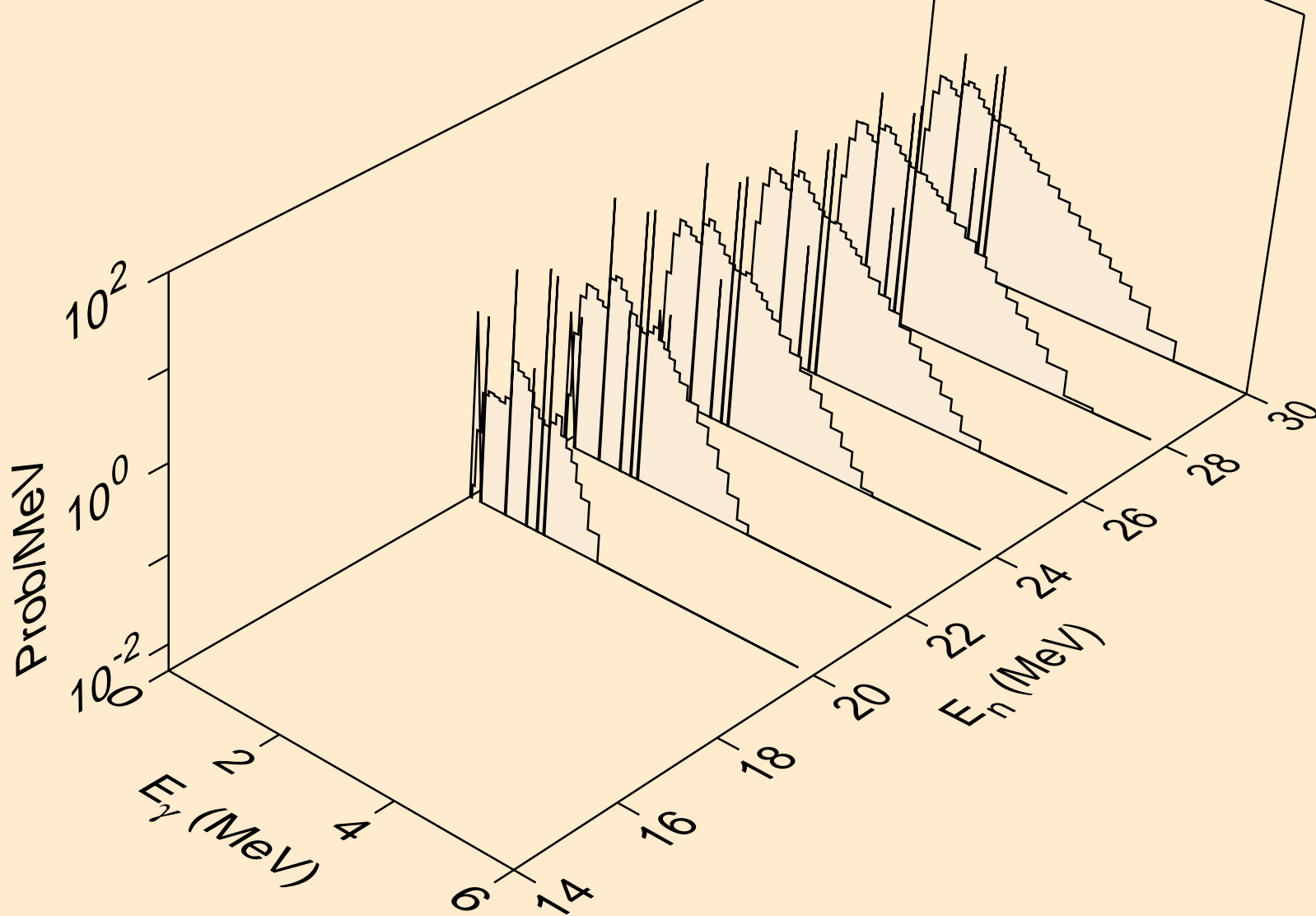
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



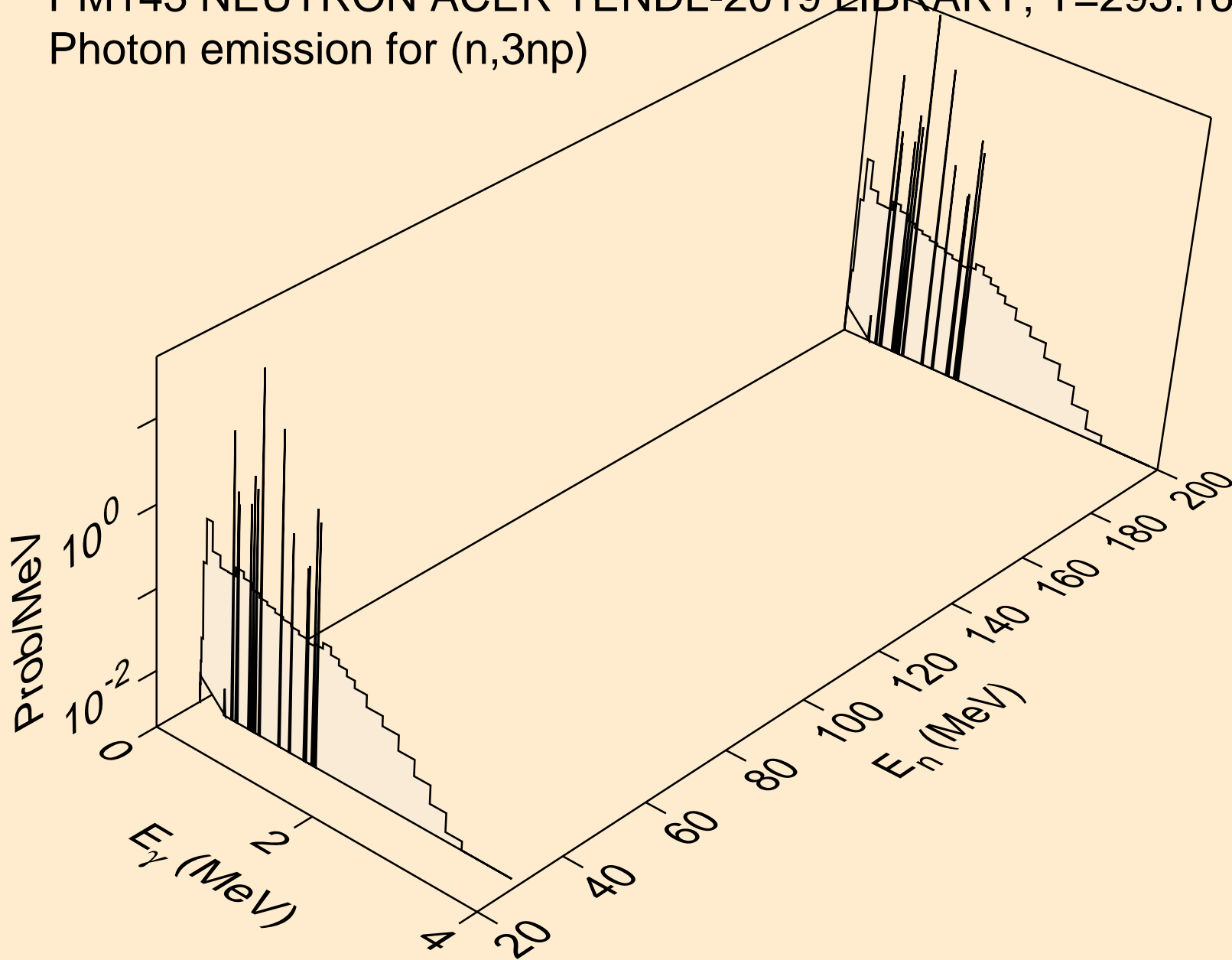
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



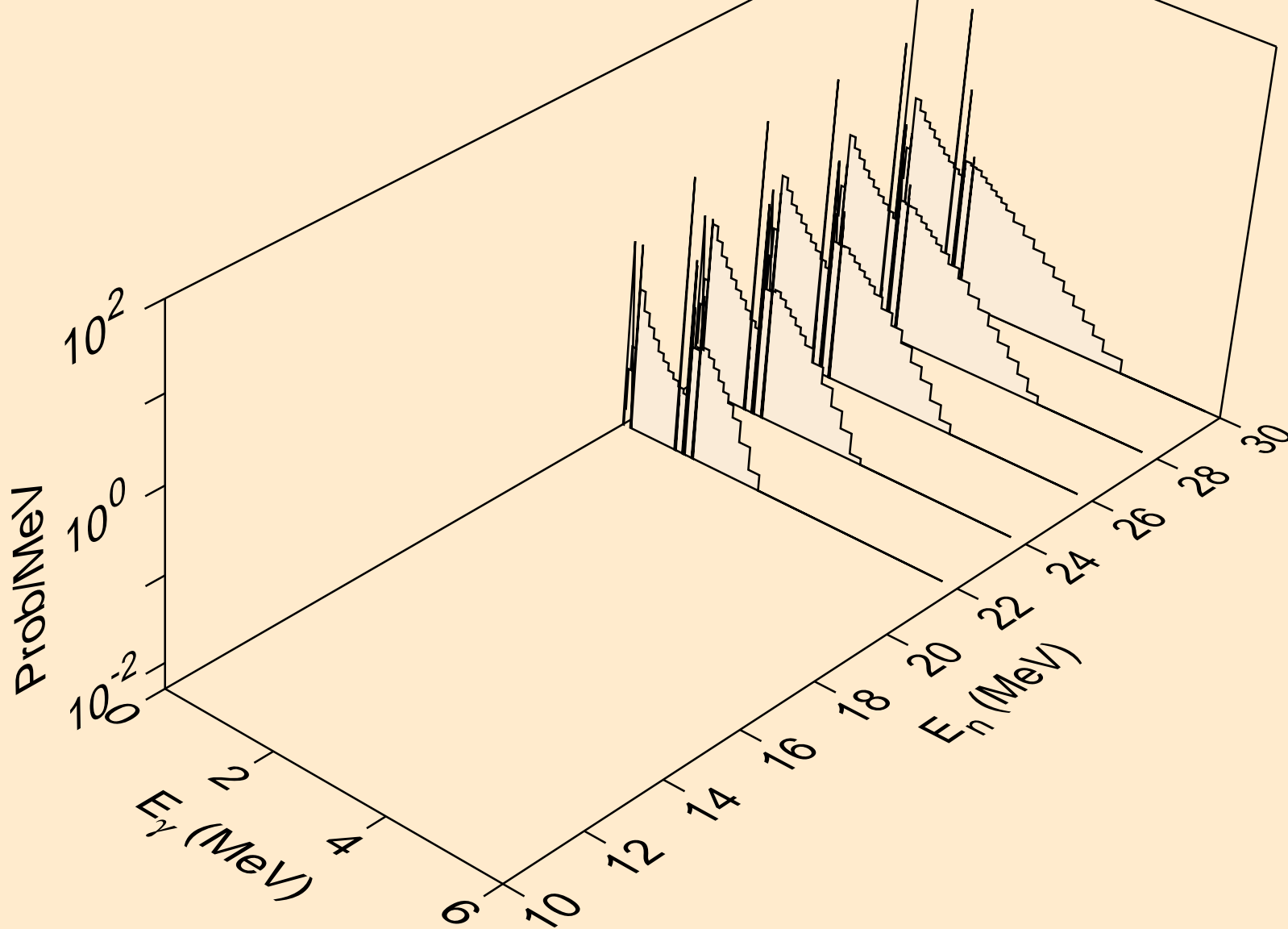
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



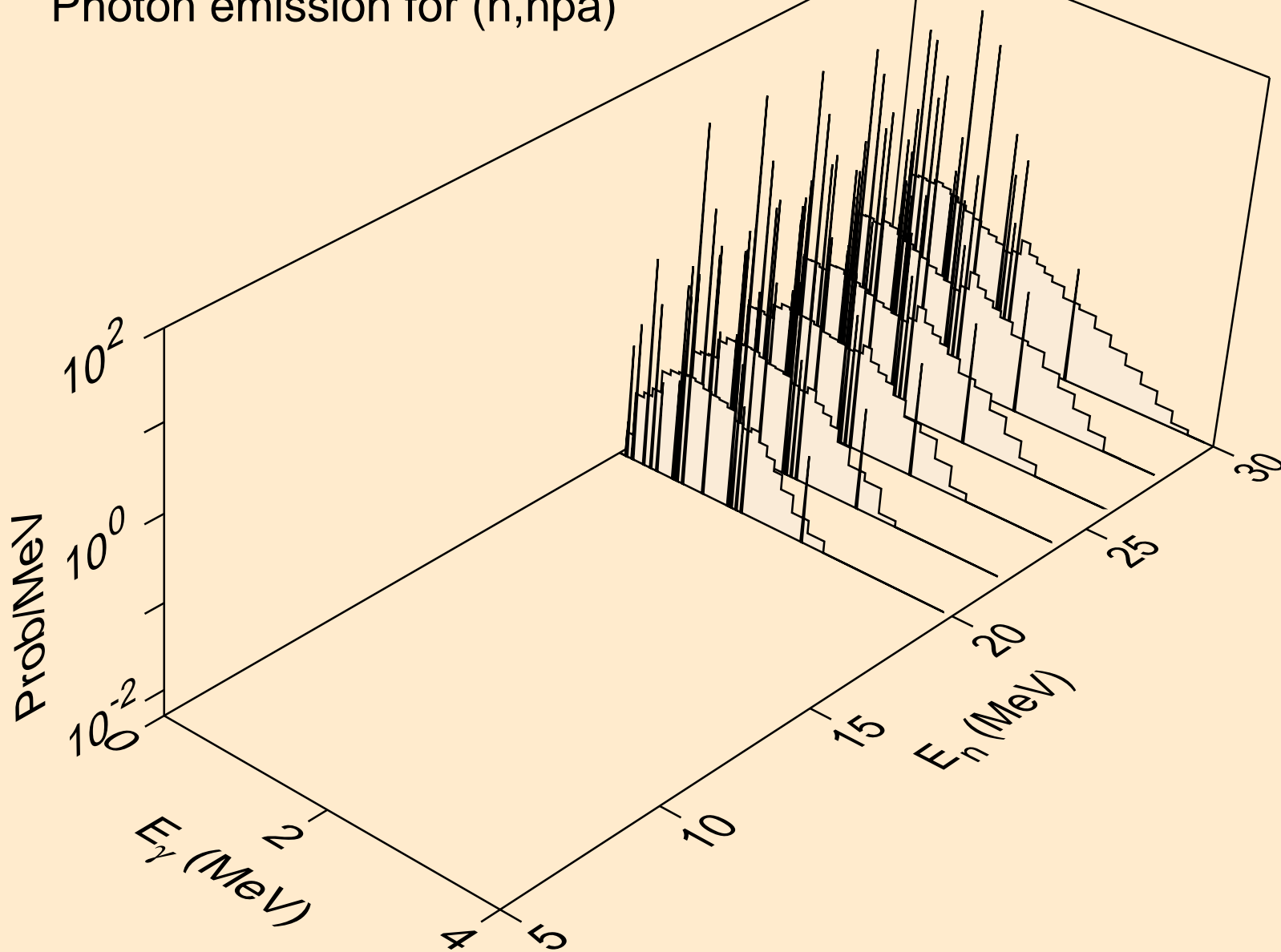
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



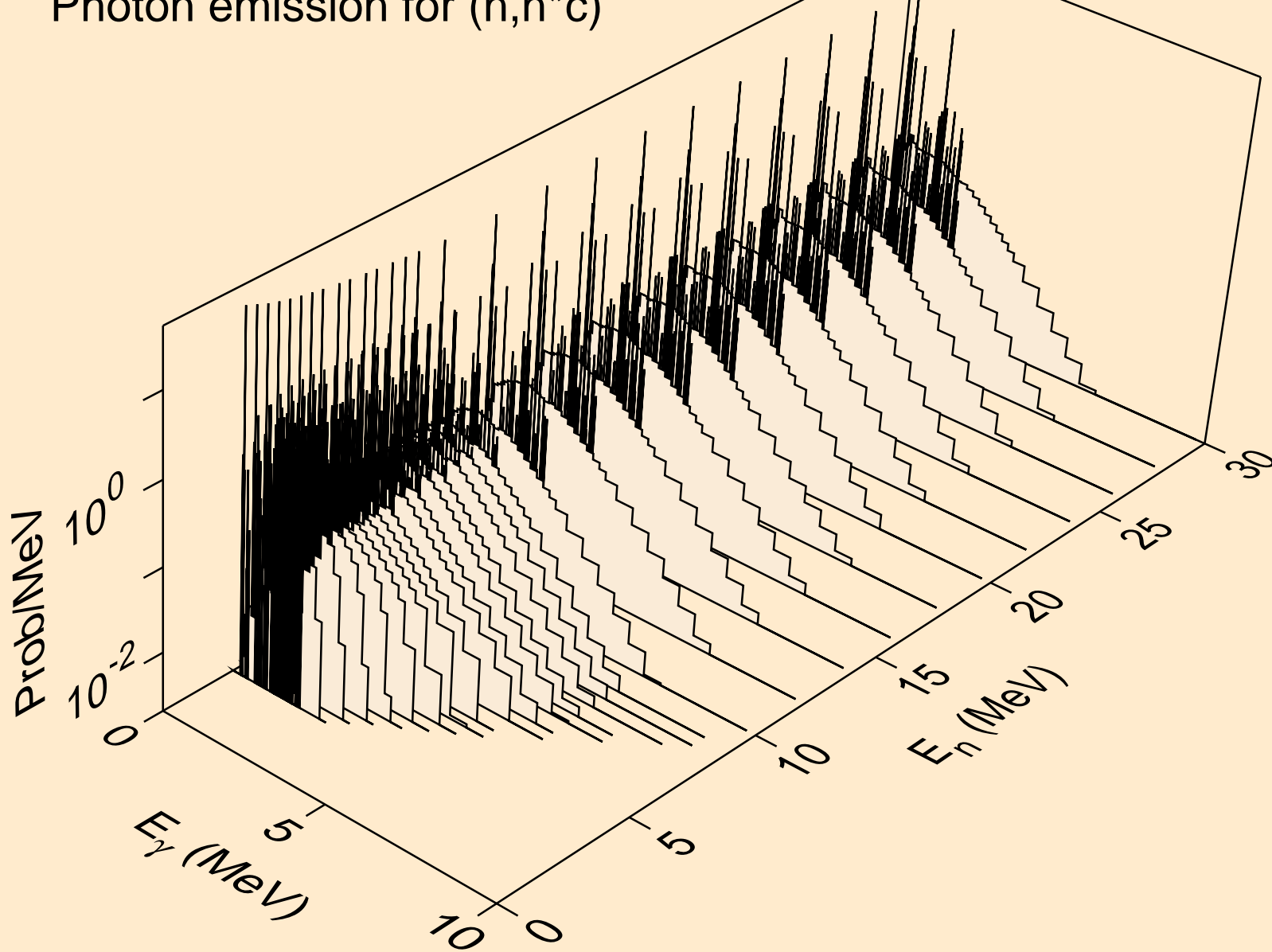
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



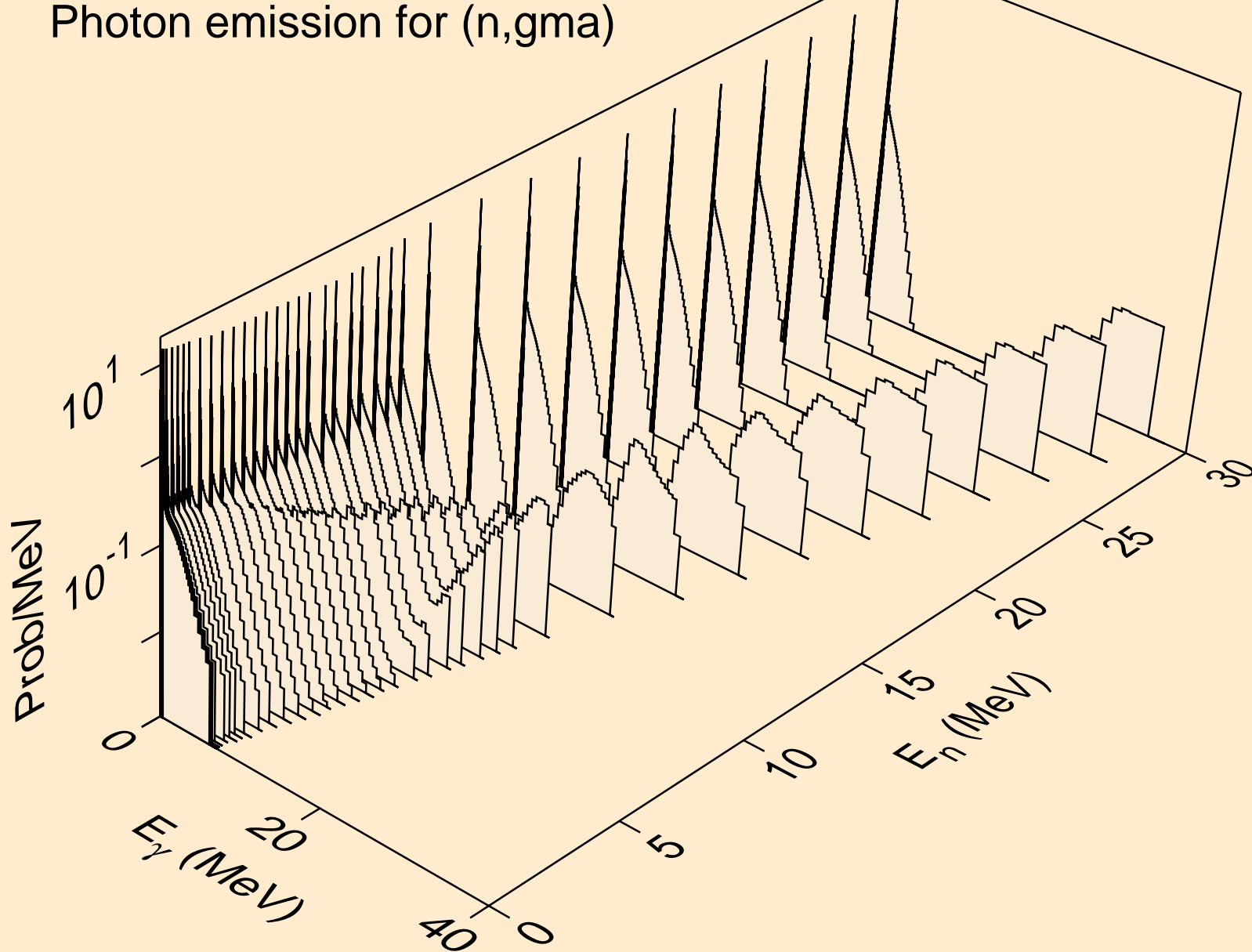
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



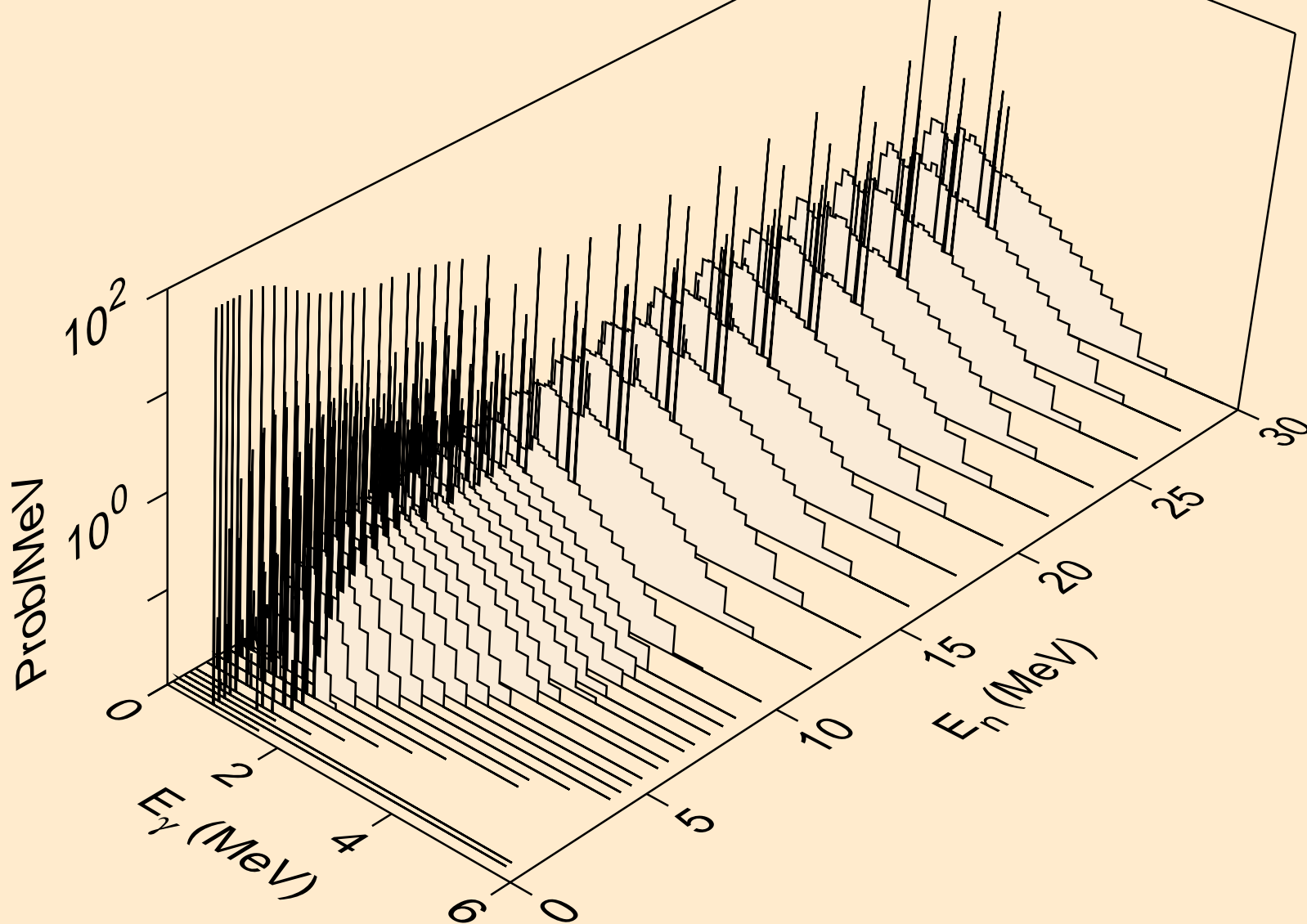
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



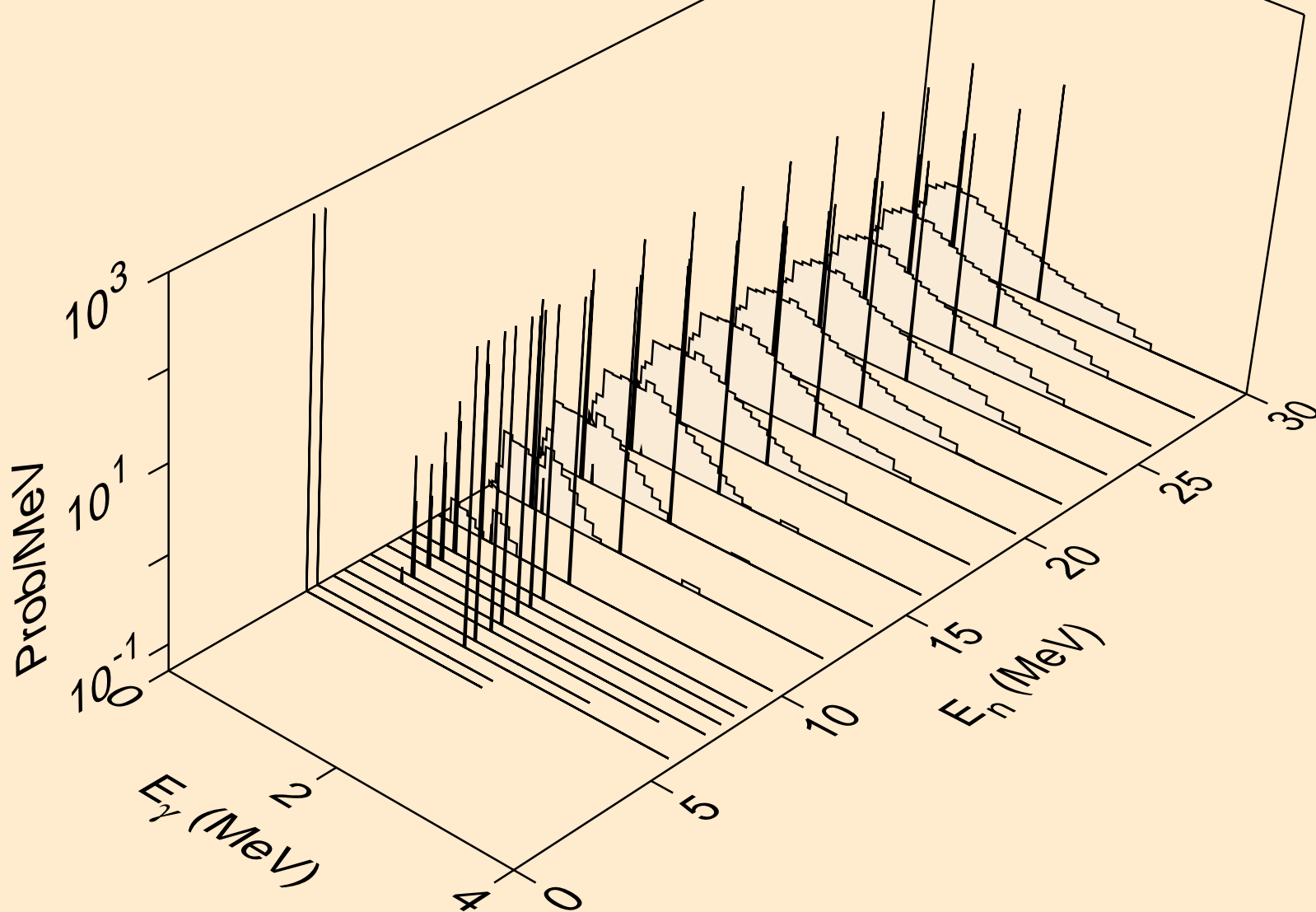
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



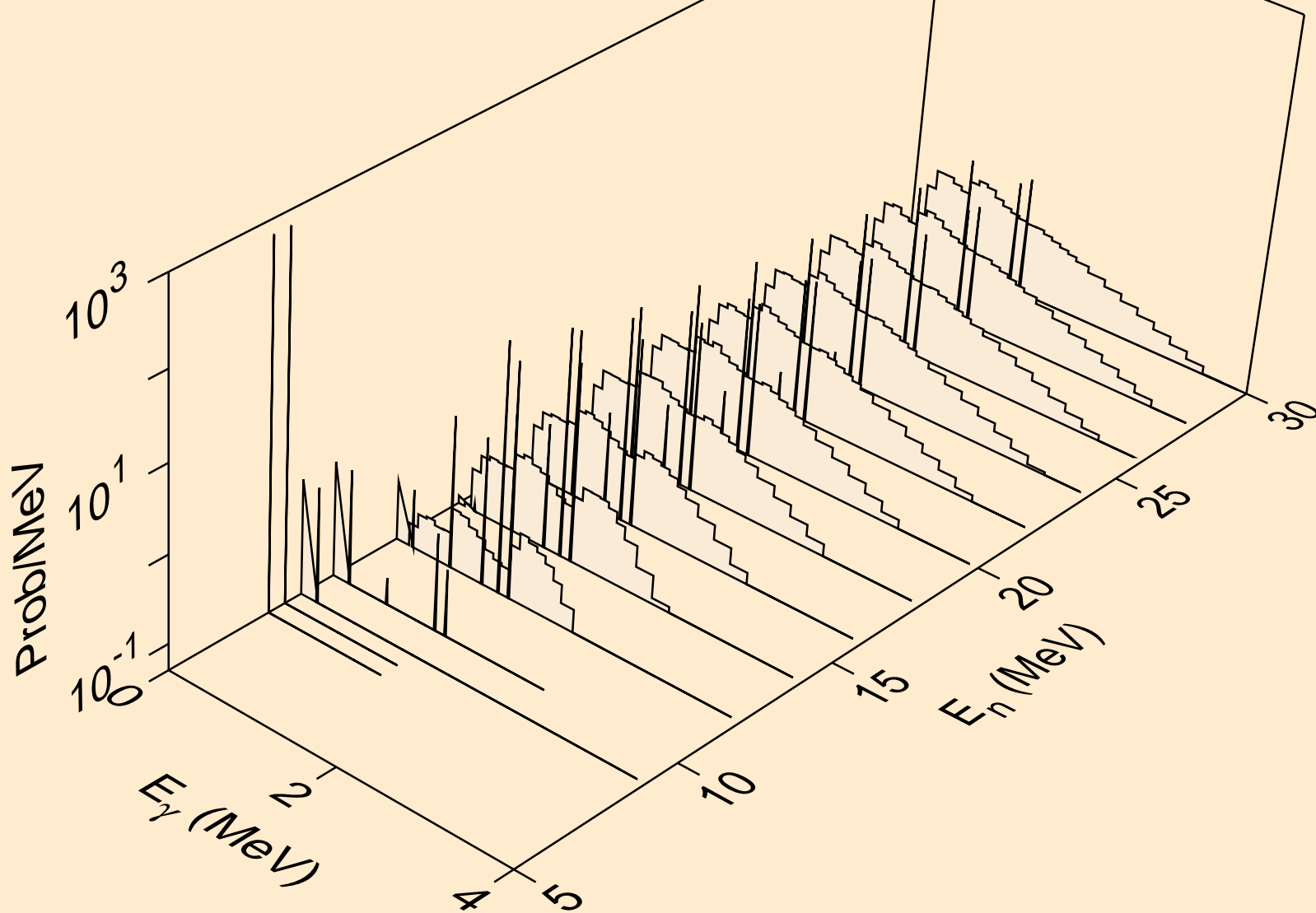
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



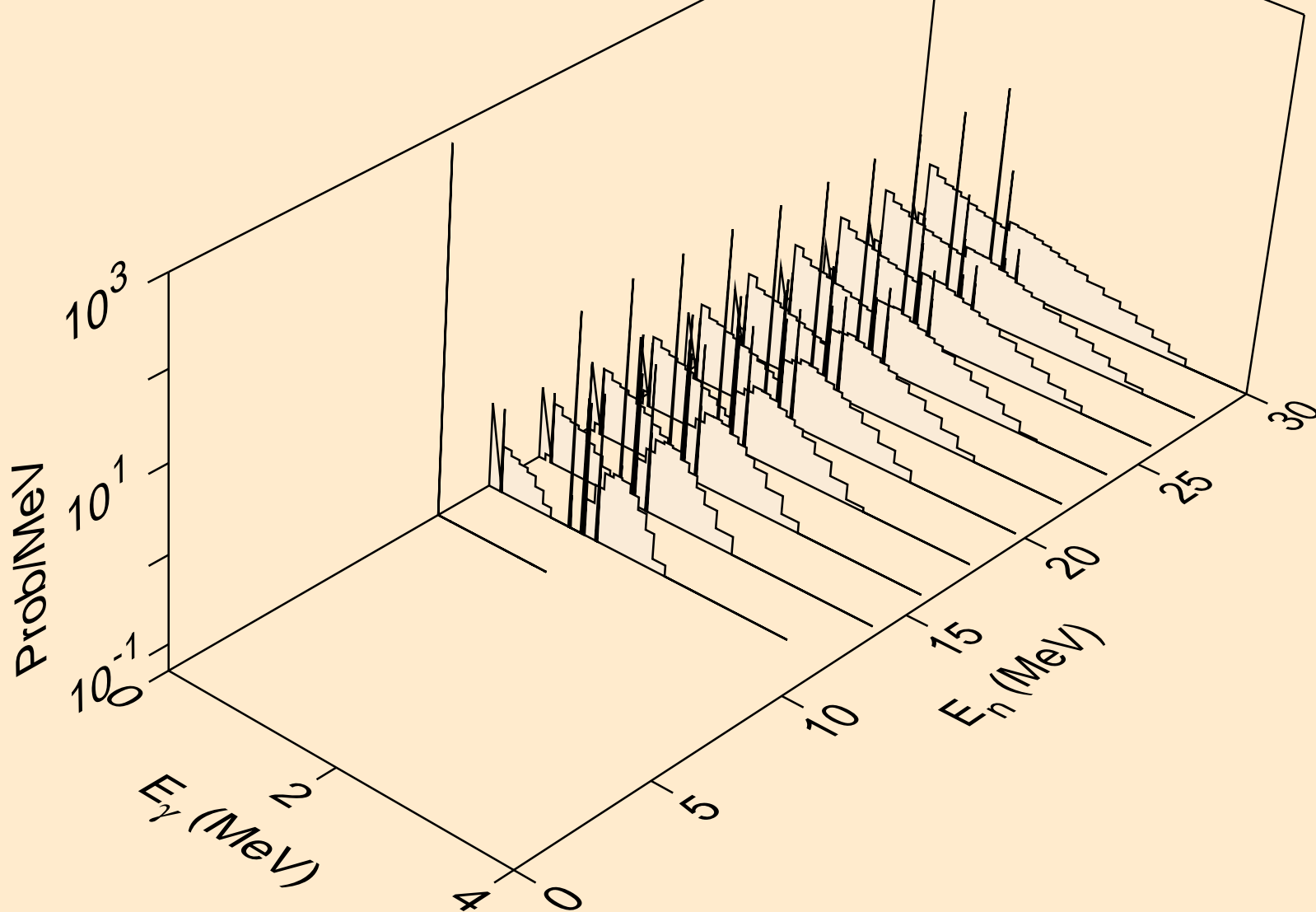
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



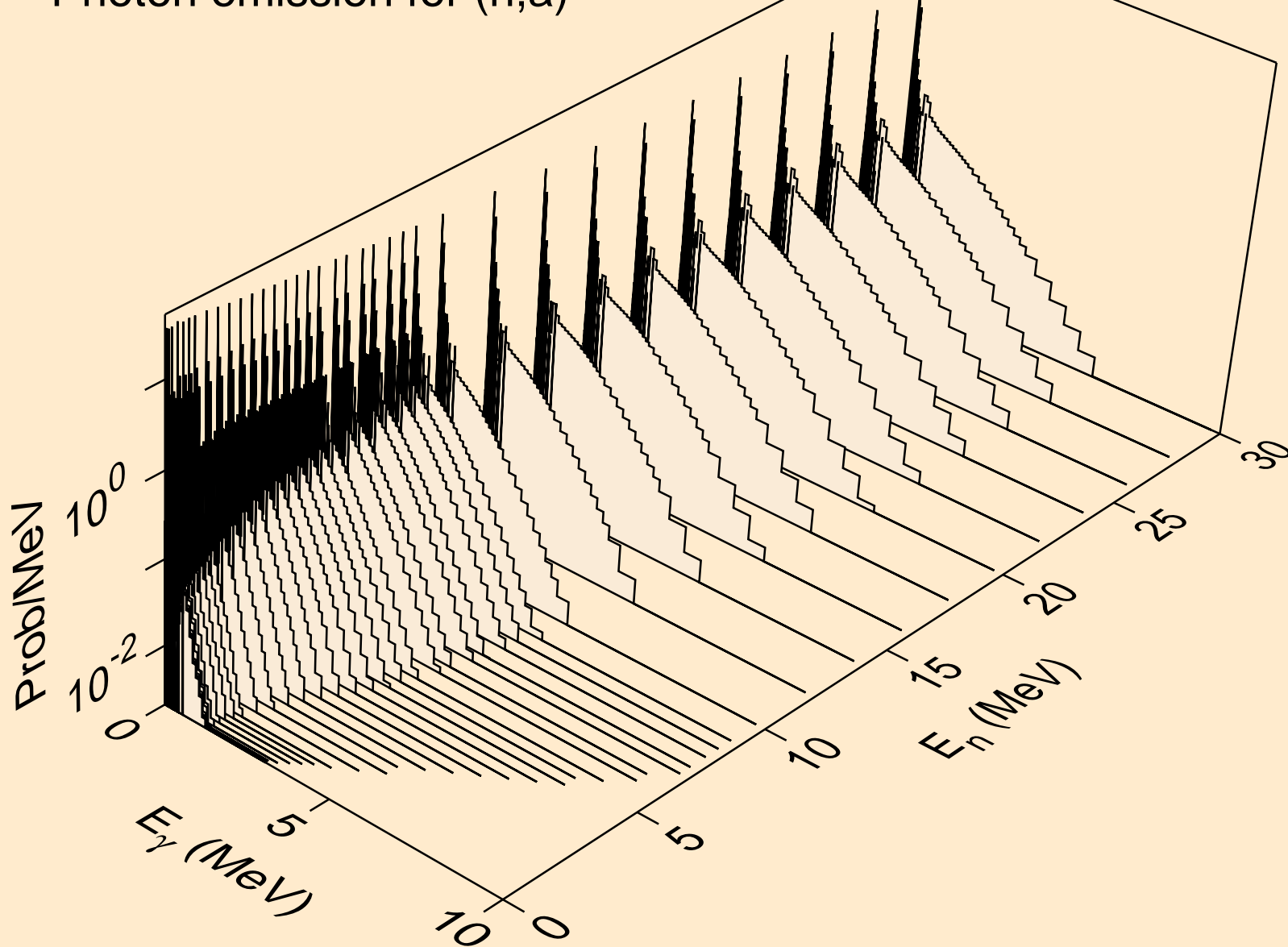
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



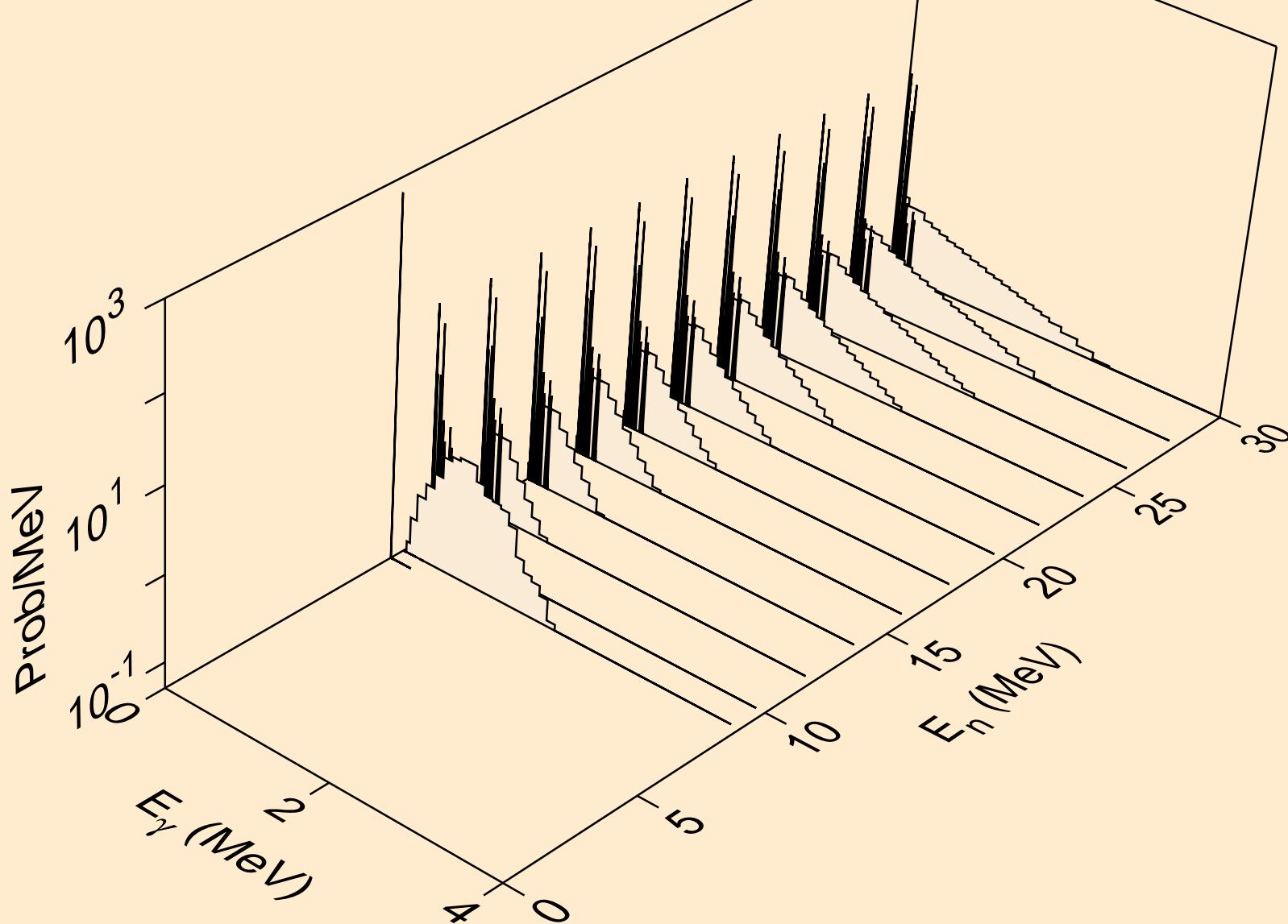
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



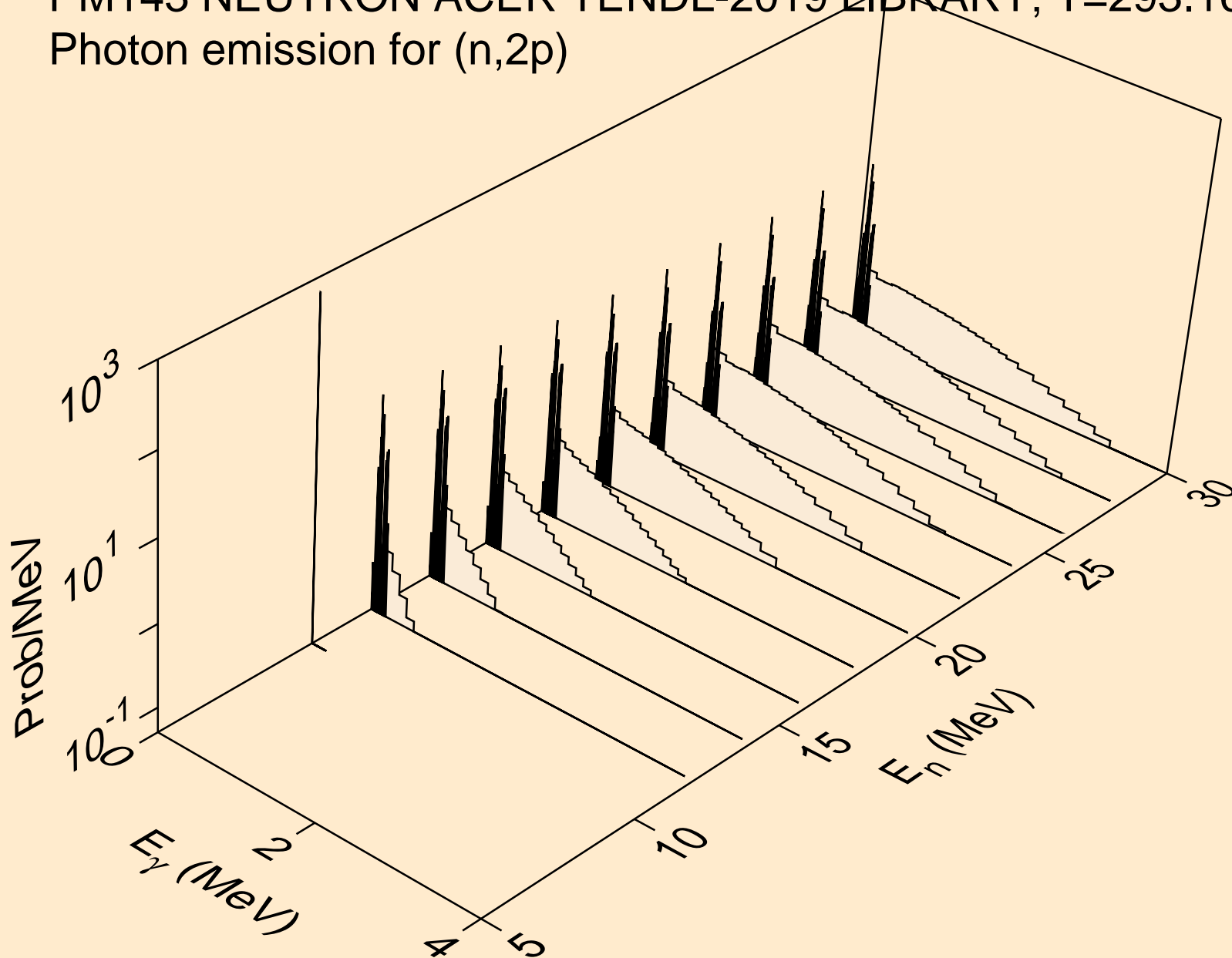
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



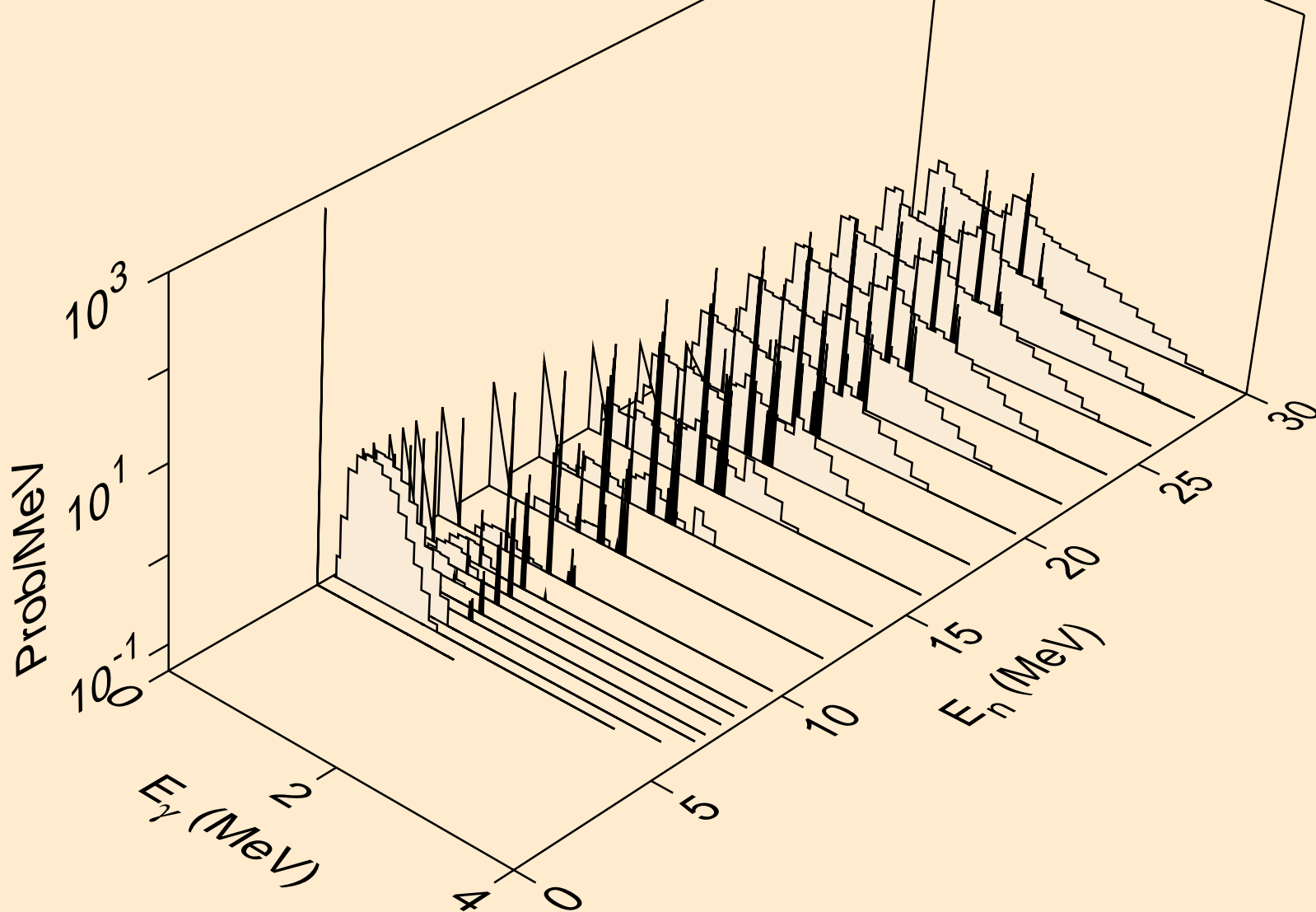
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



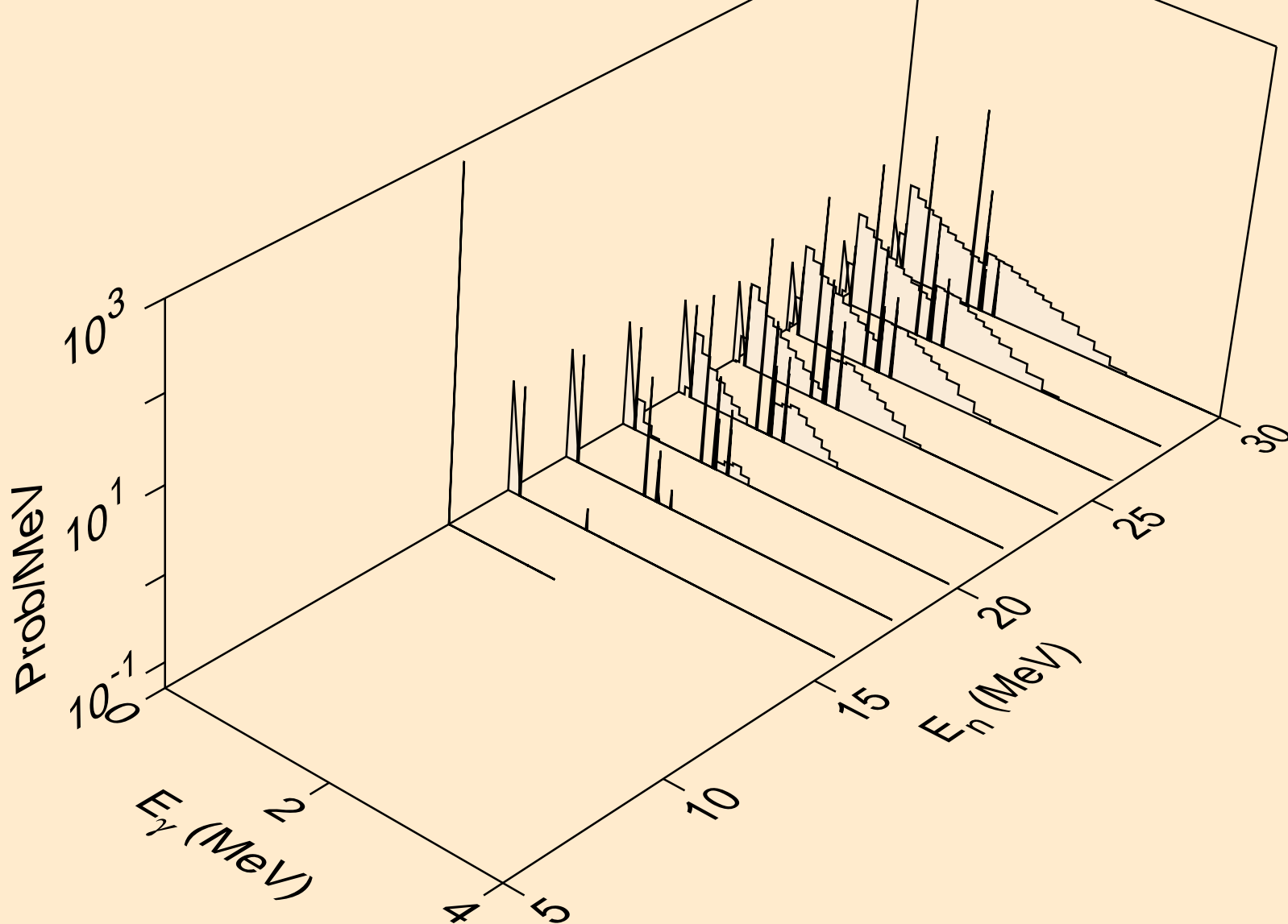
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



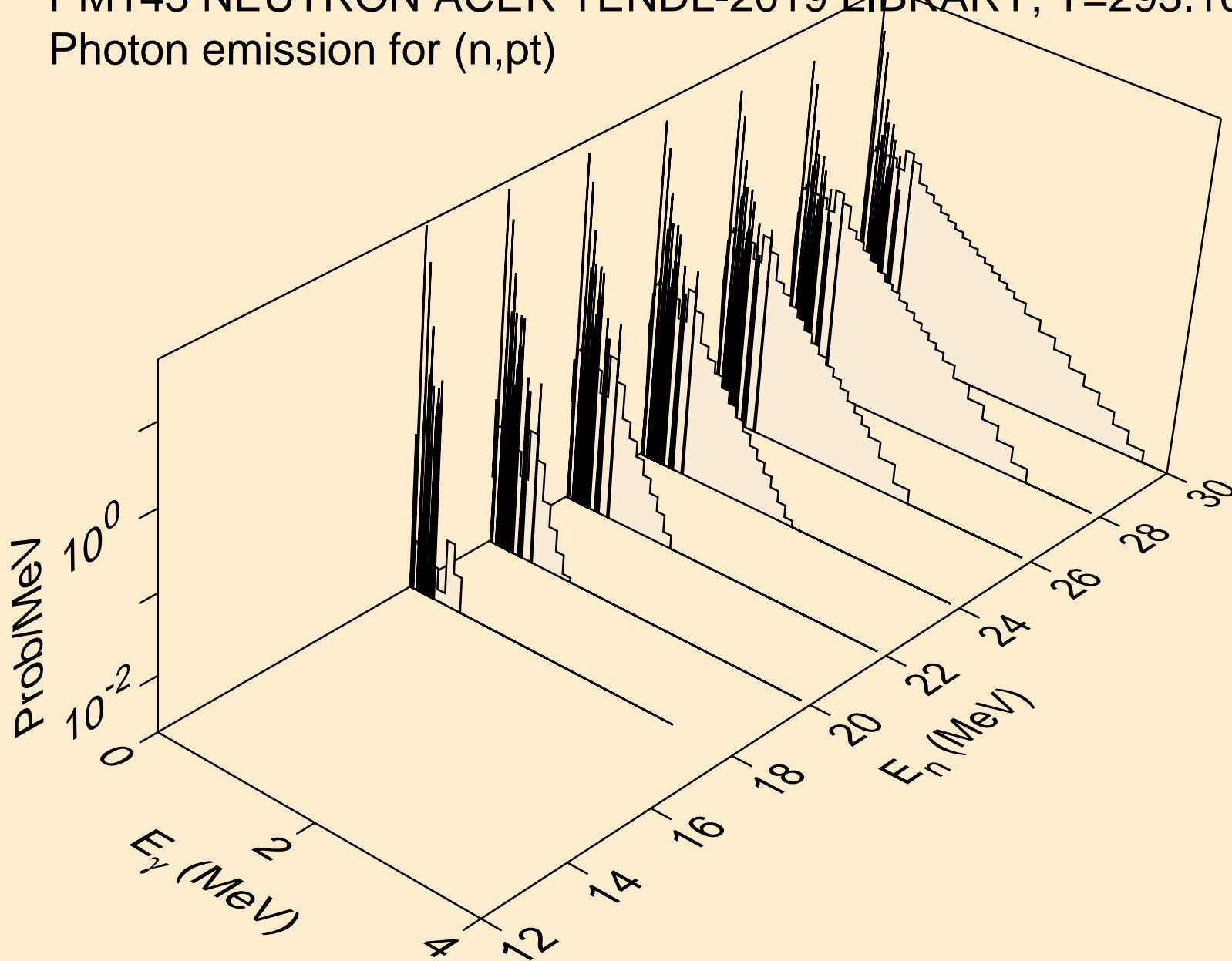
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



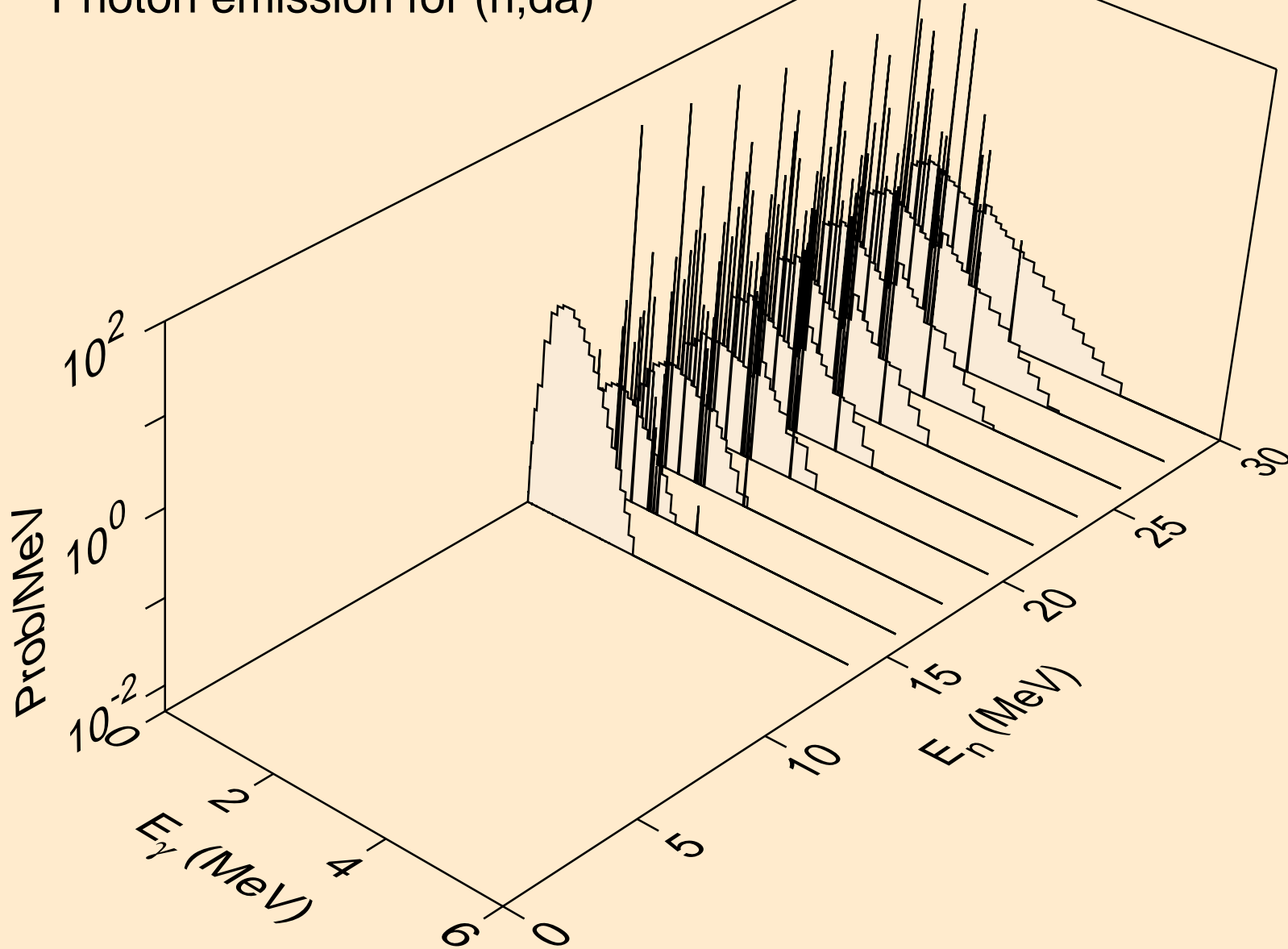
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



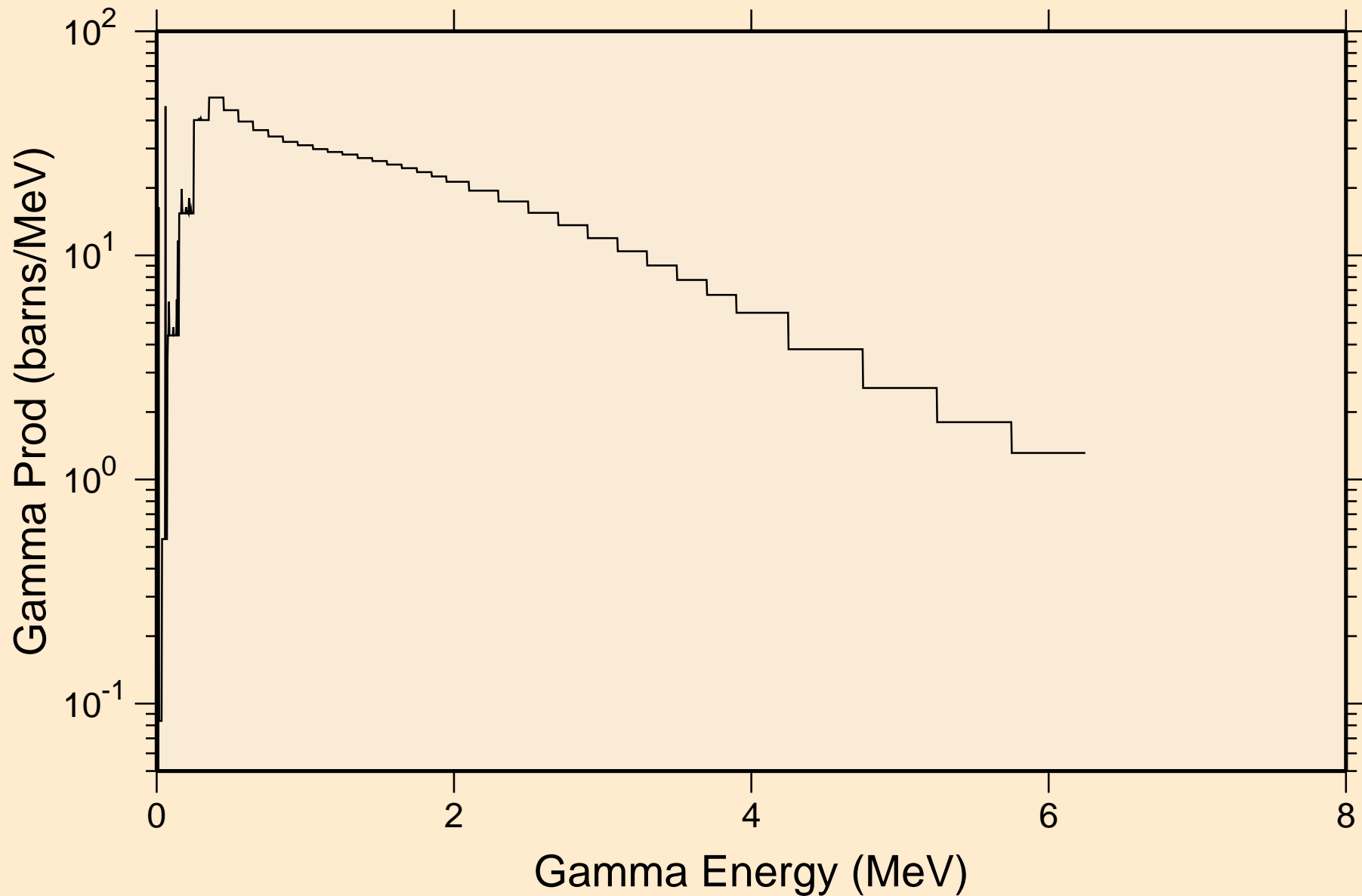
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



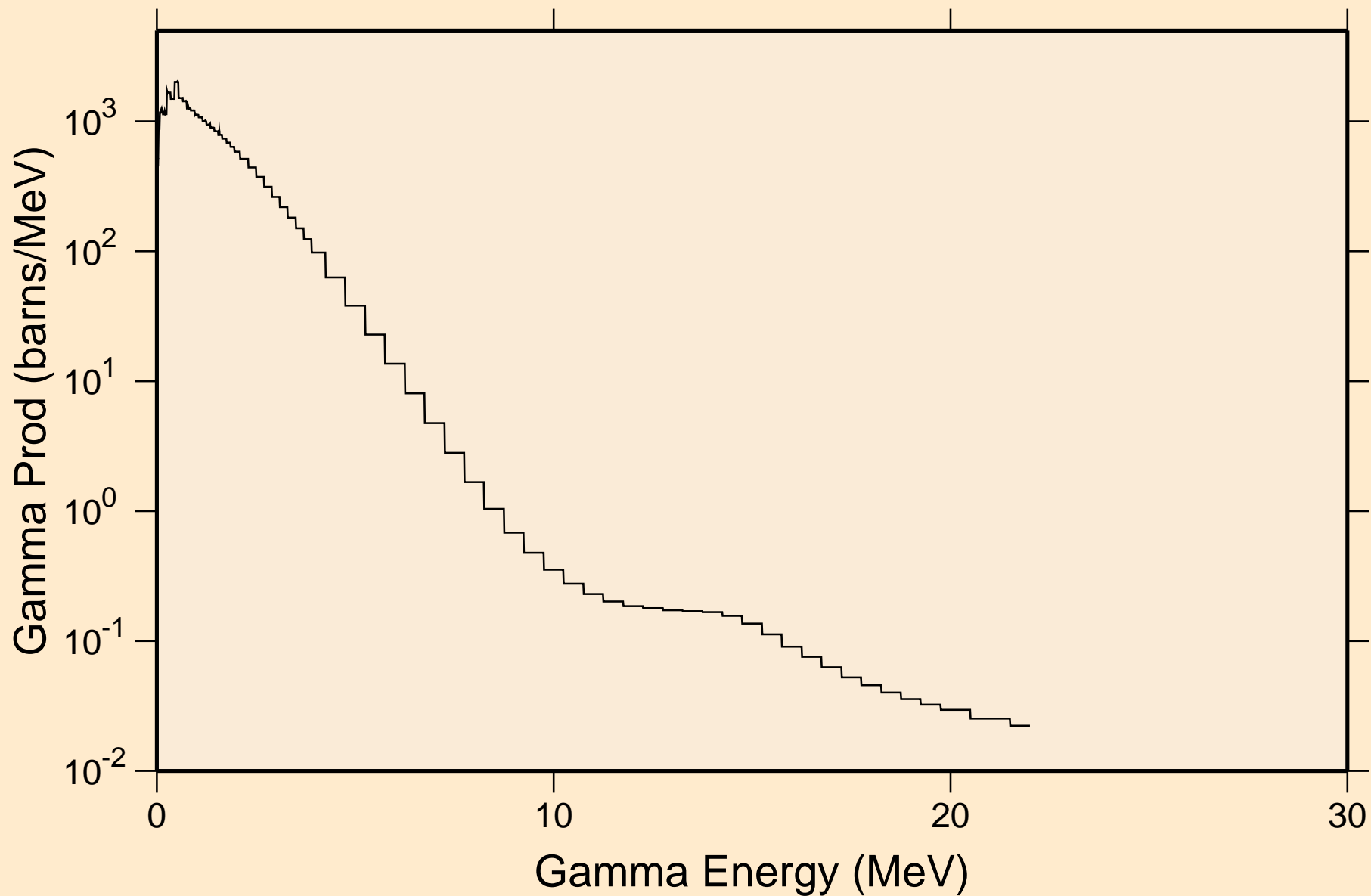
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



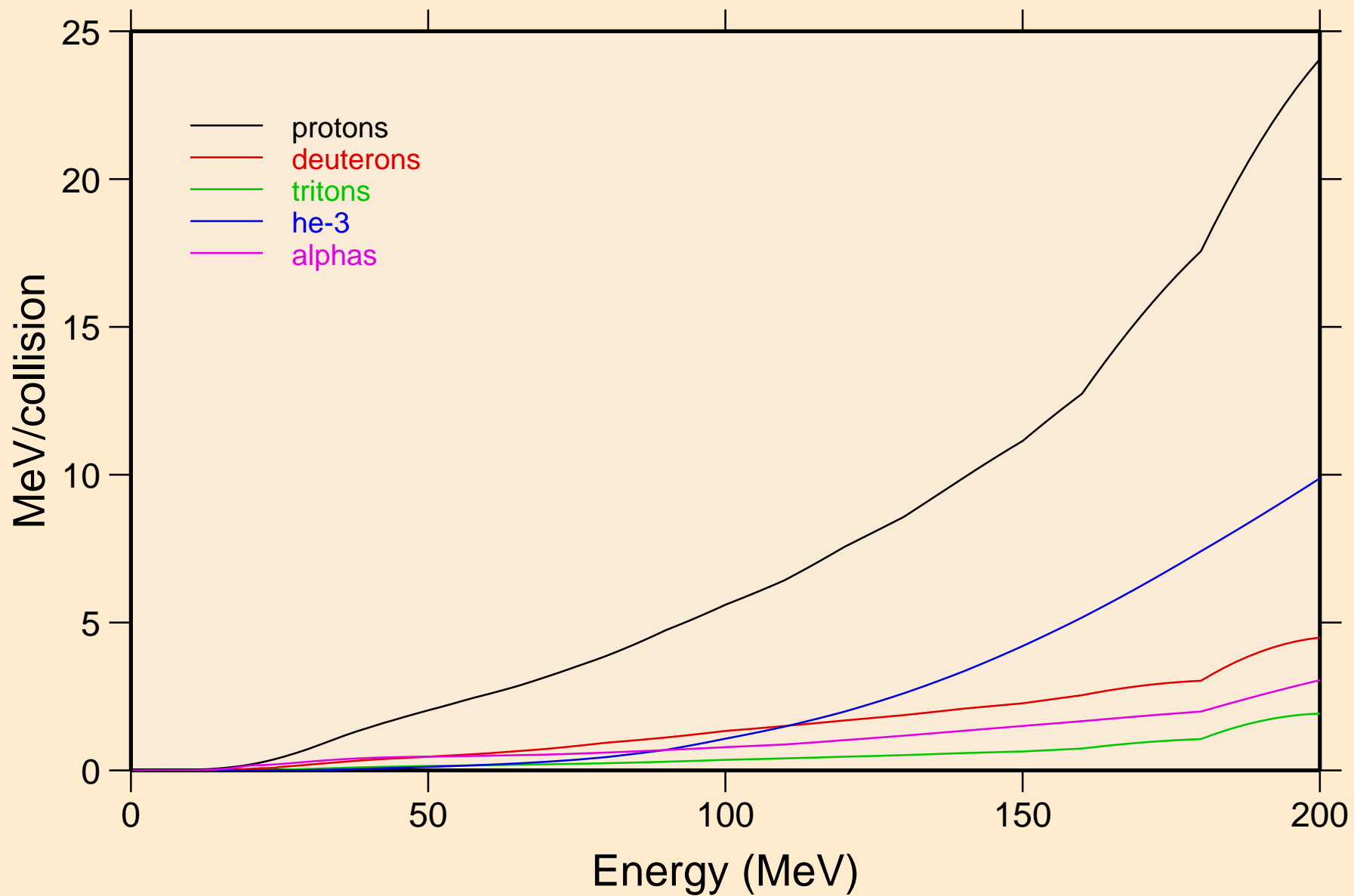
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



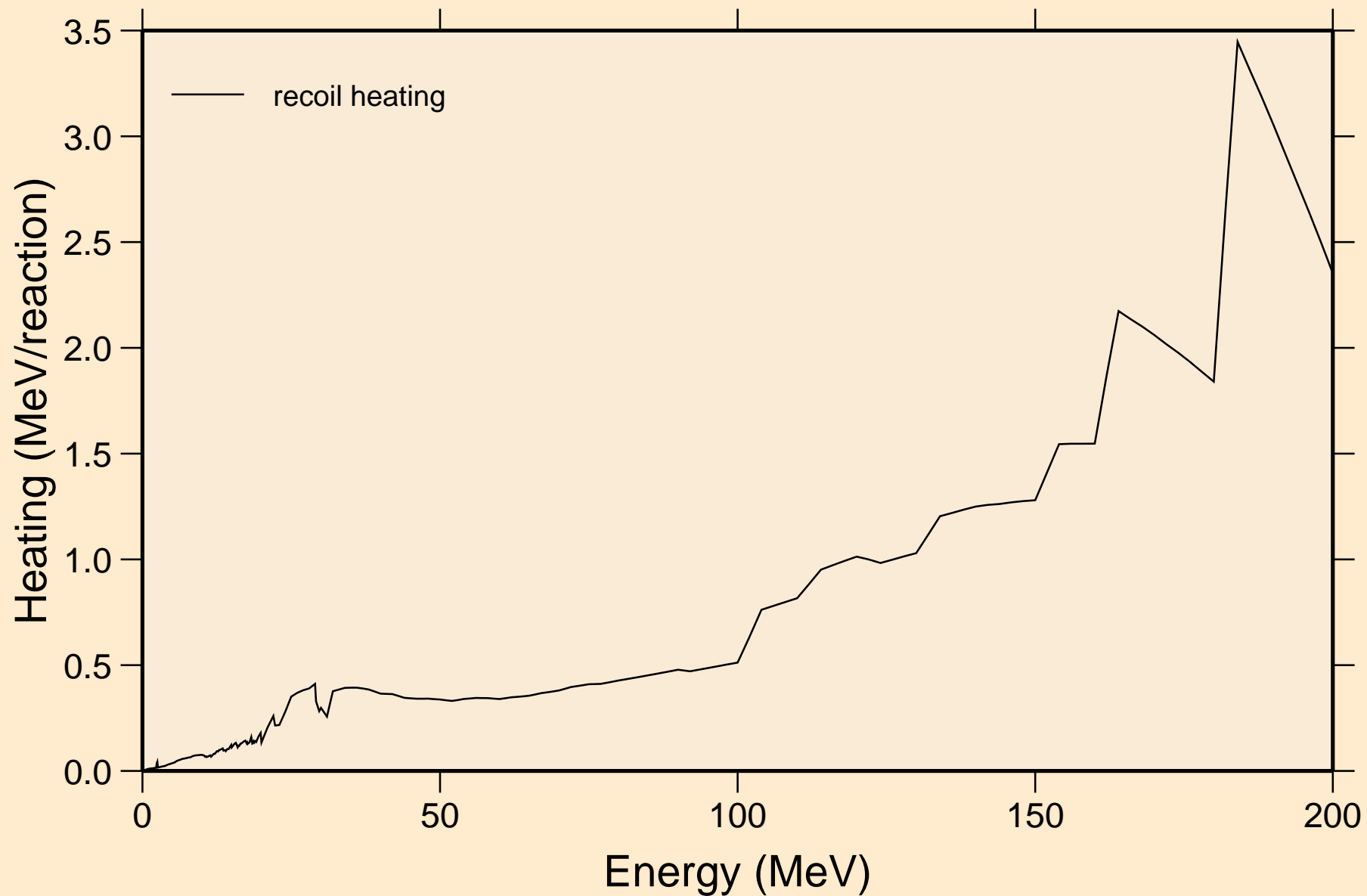
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



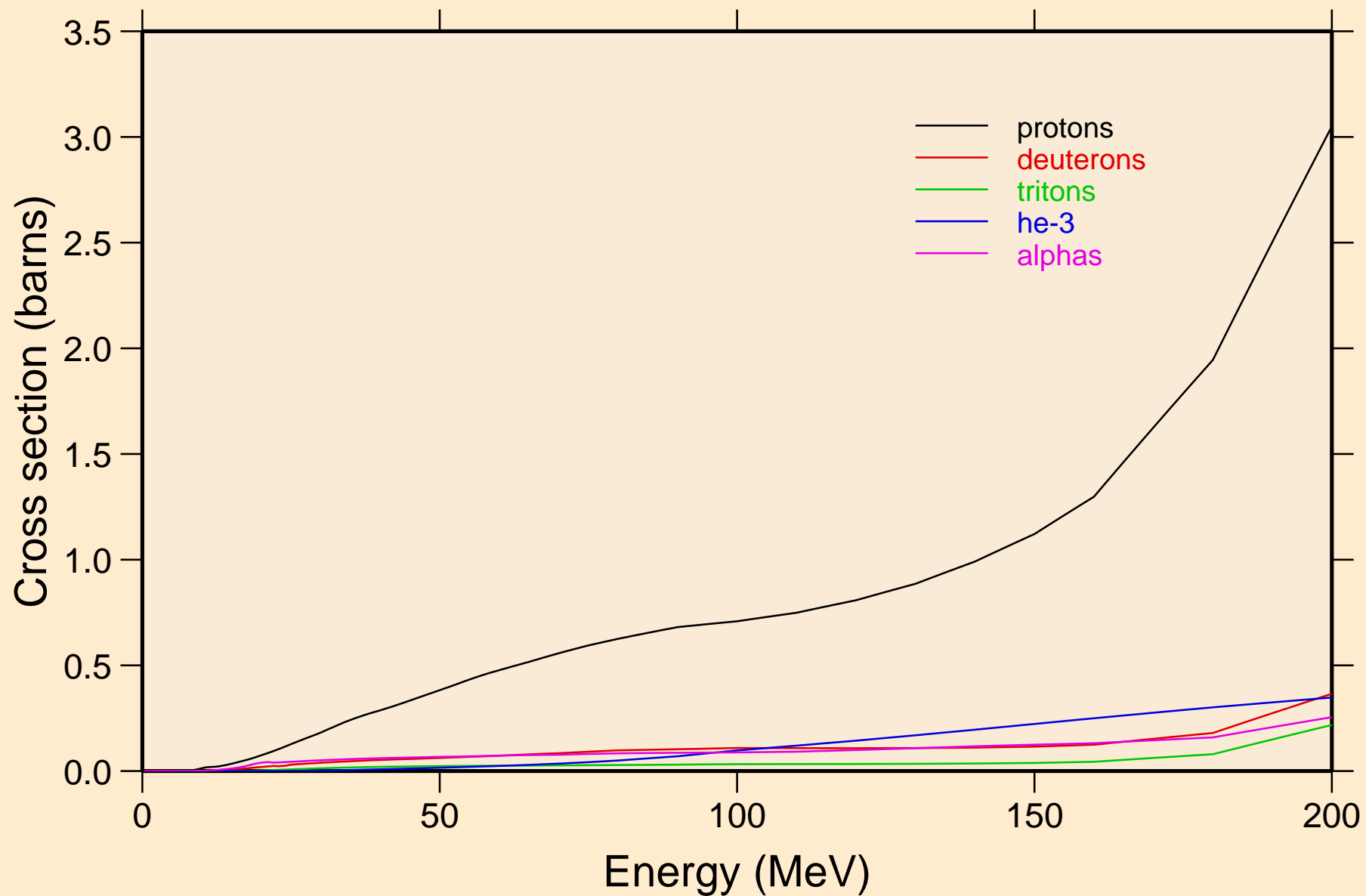
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions



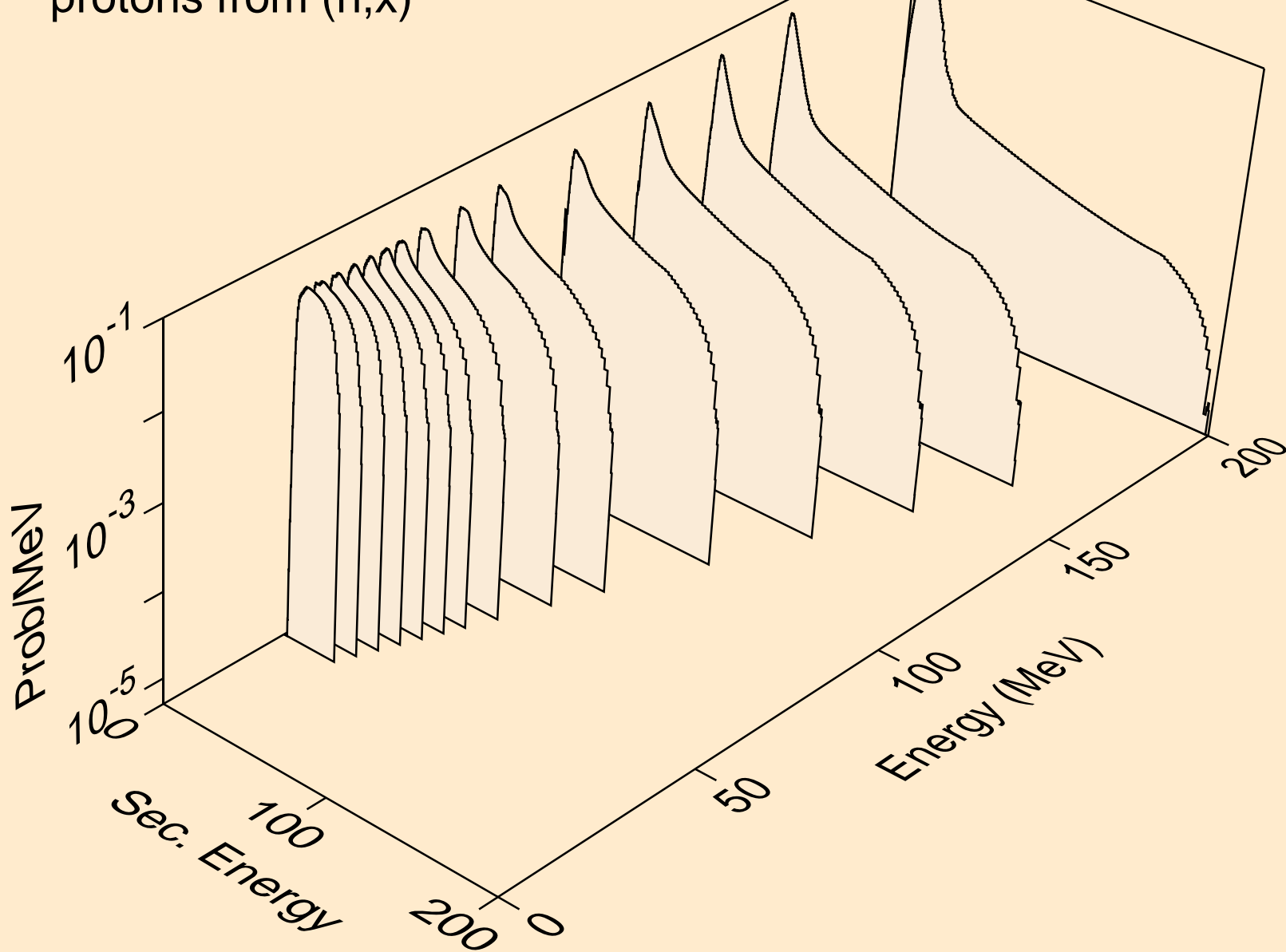
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



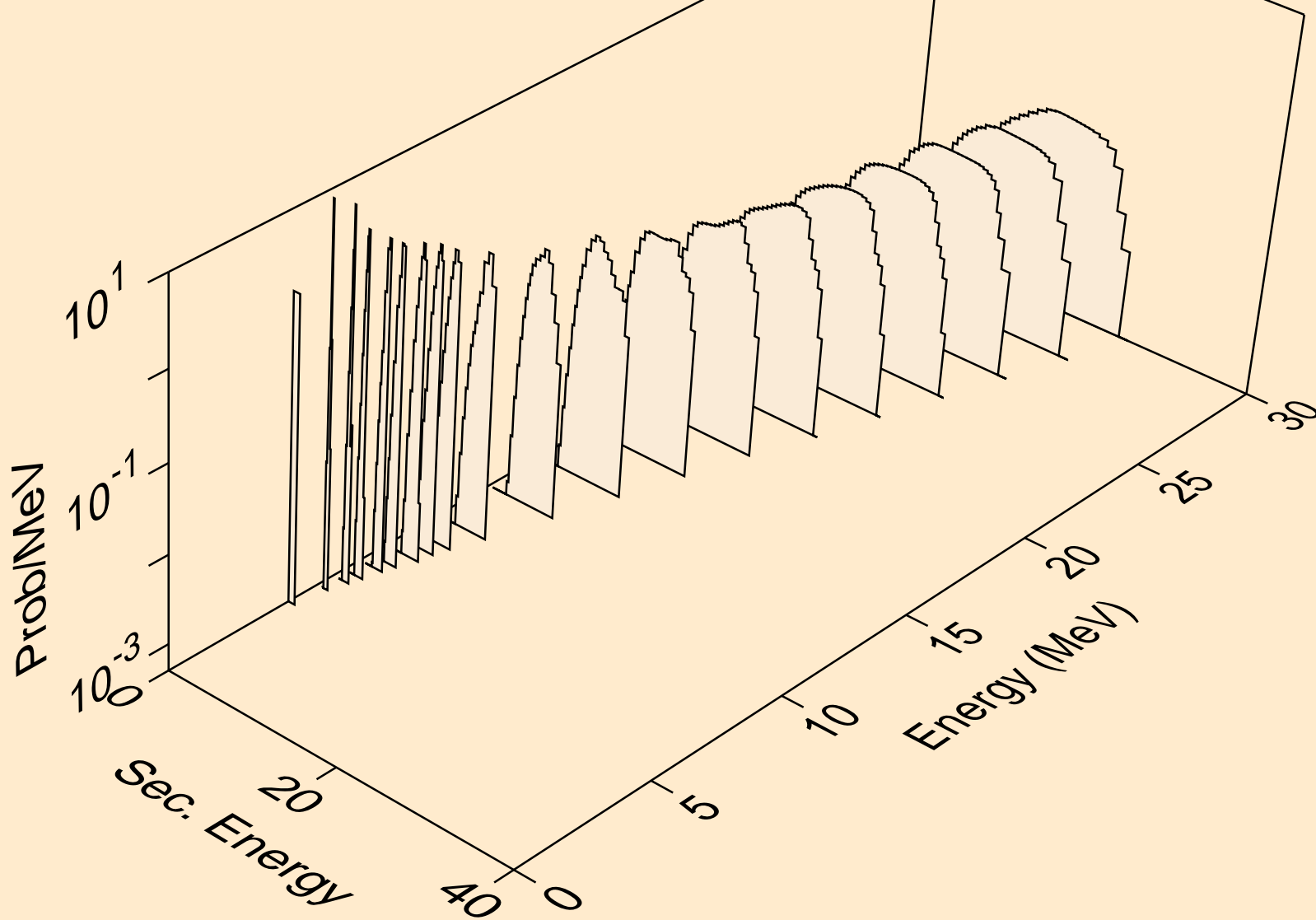
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



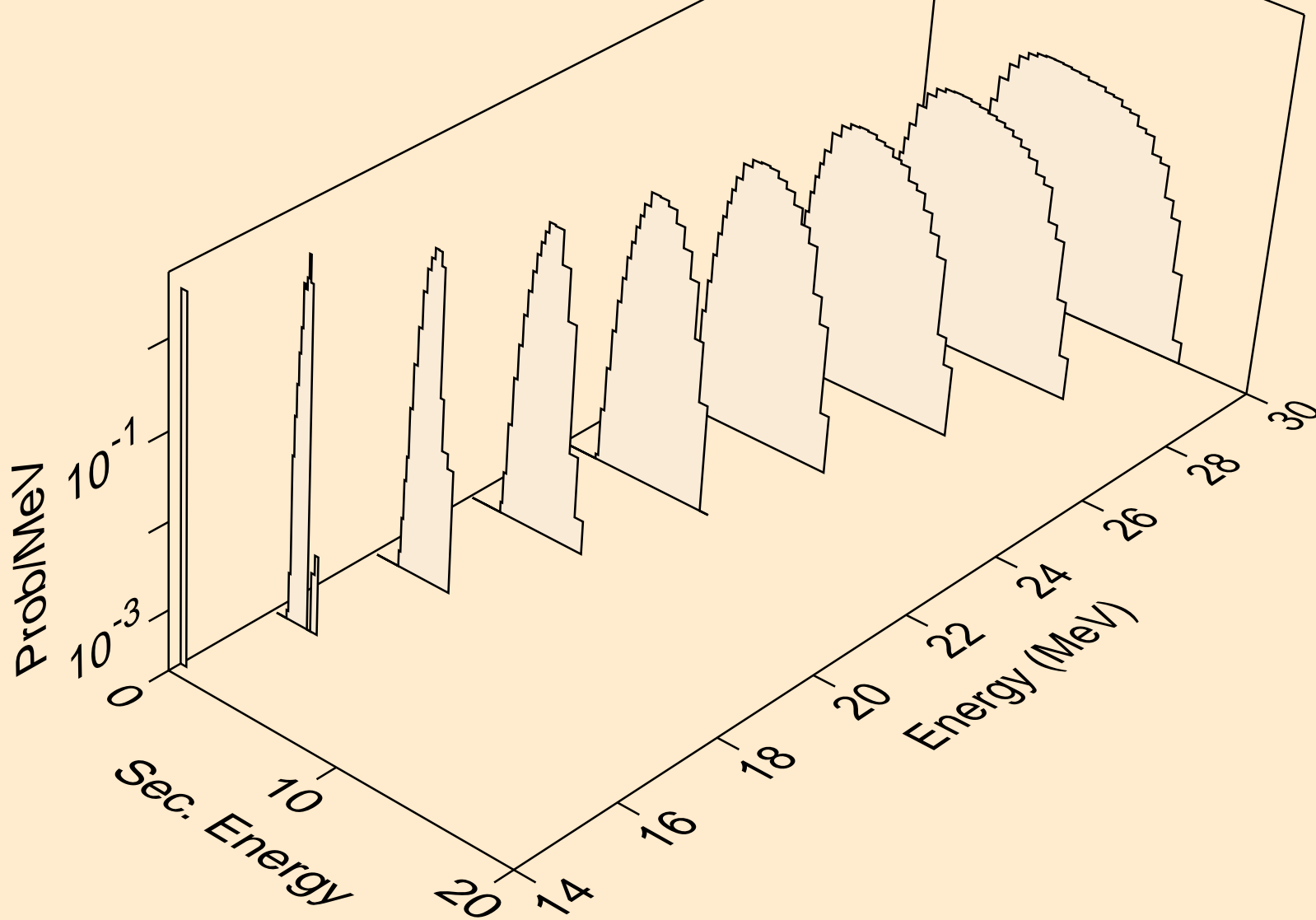
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



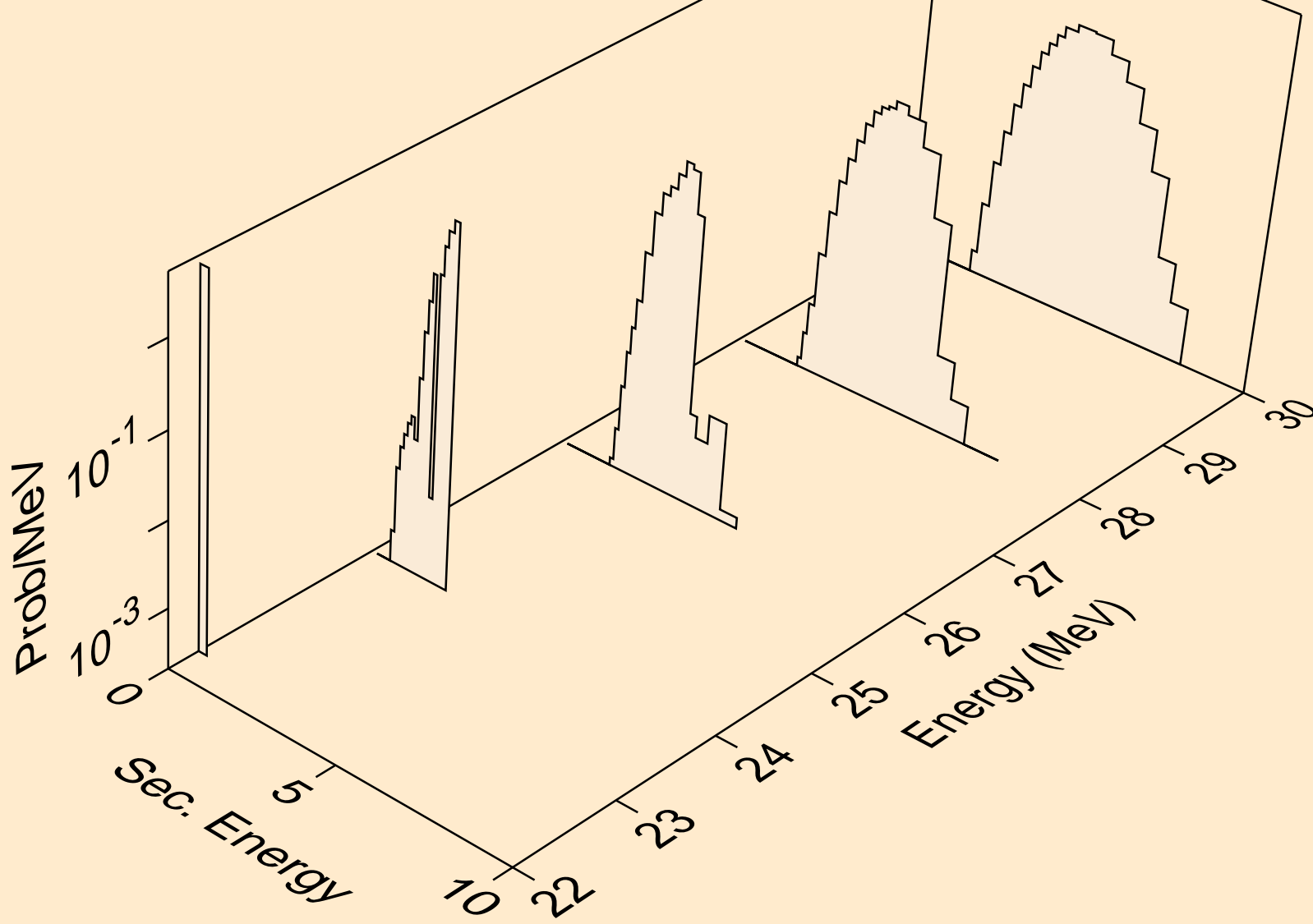
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



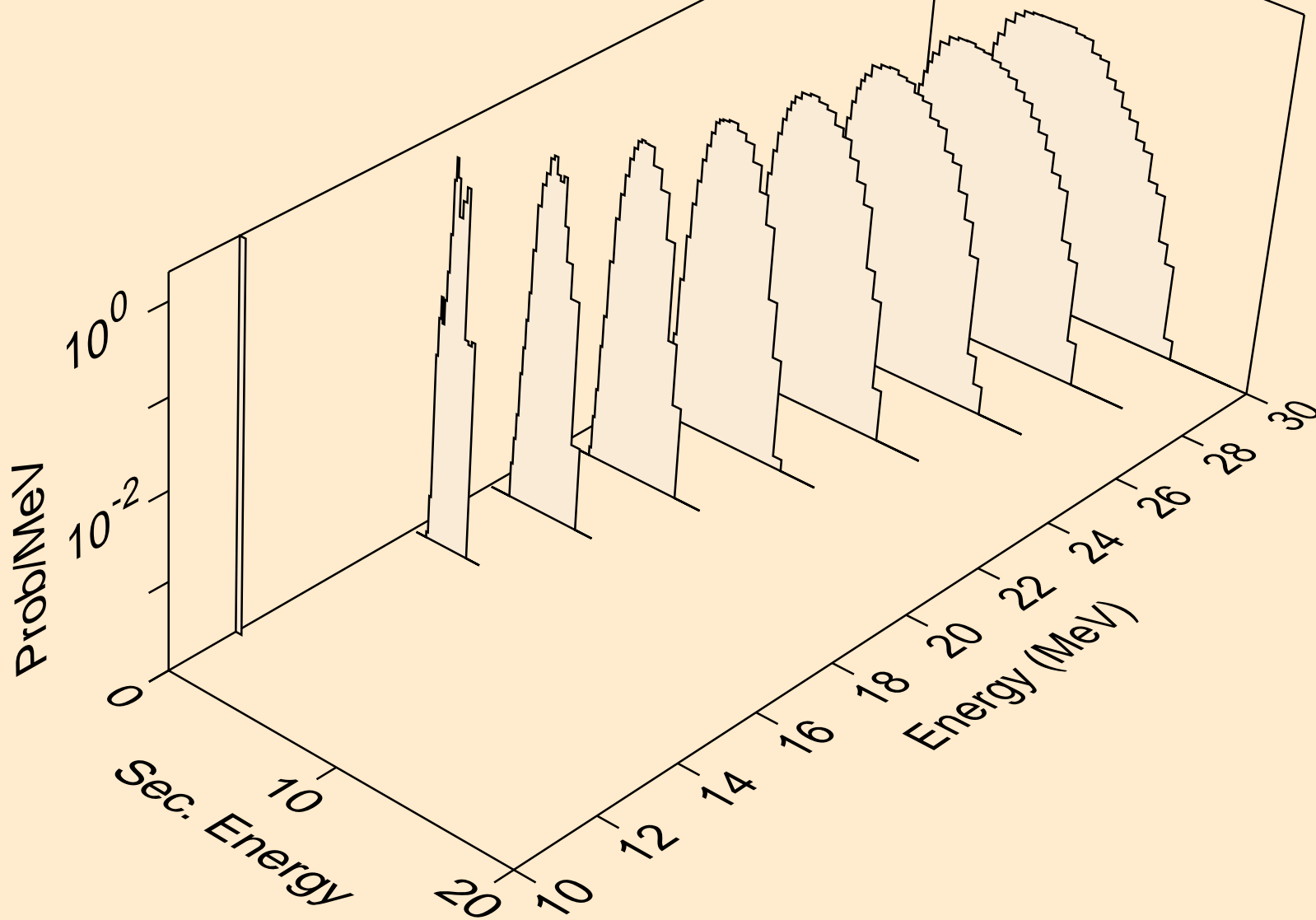
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



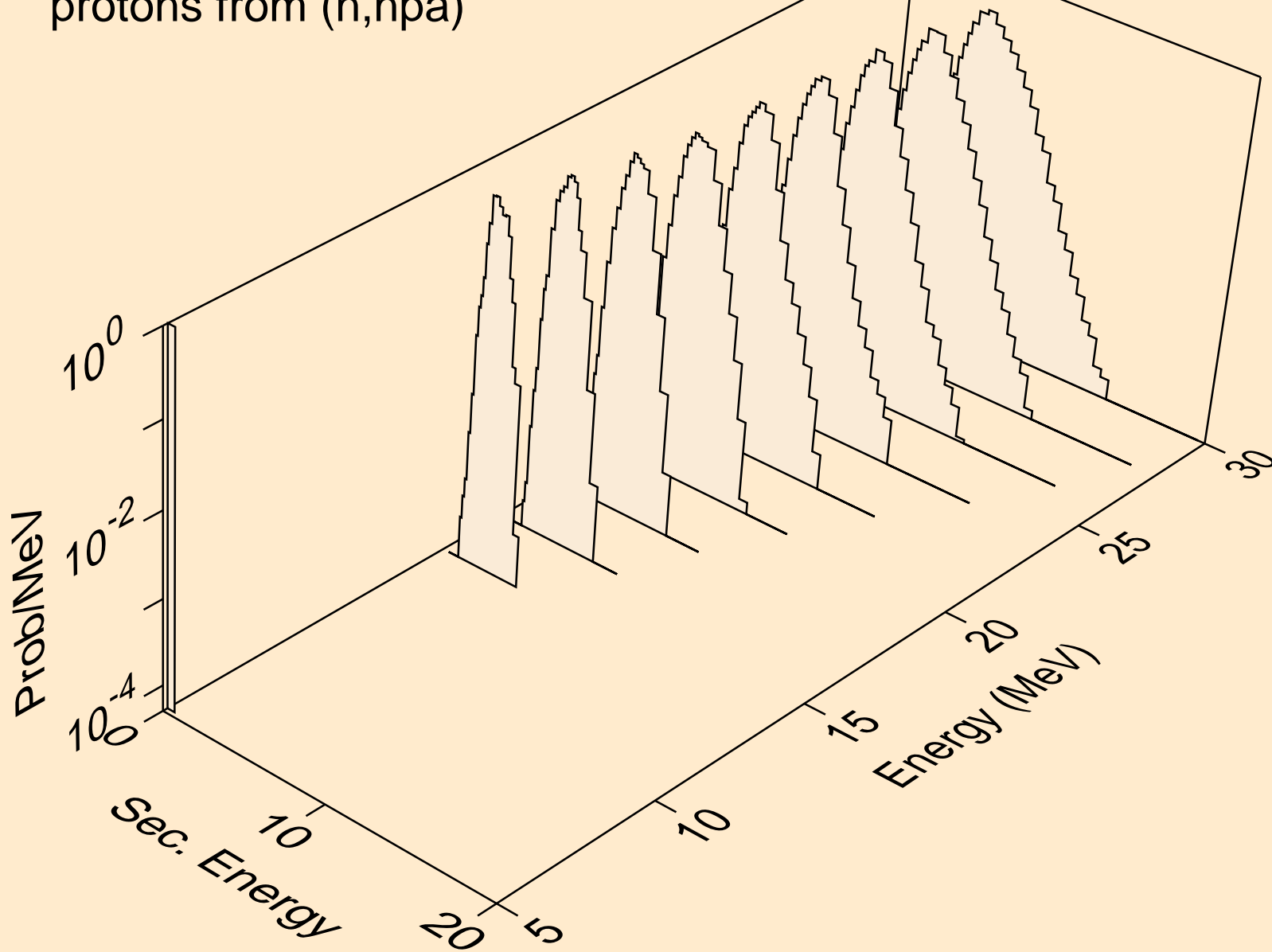
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



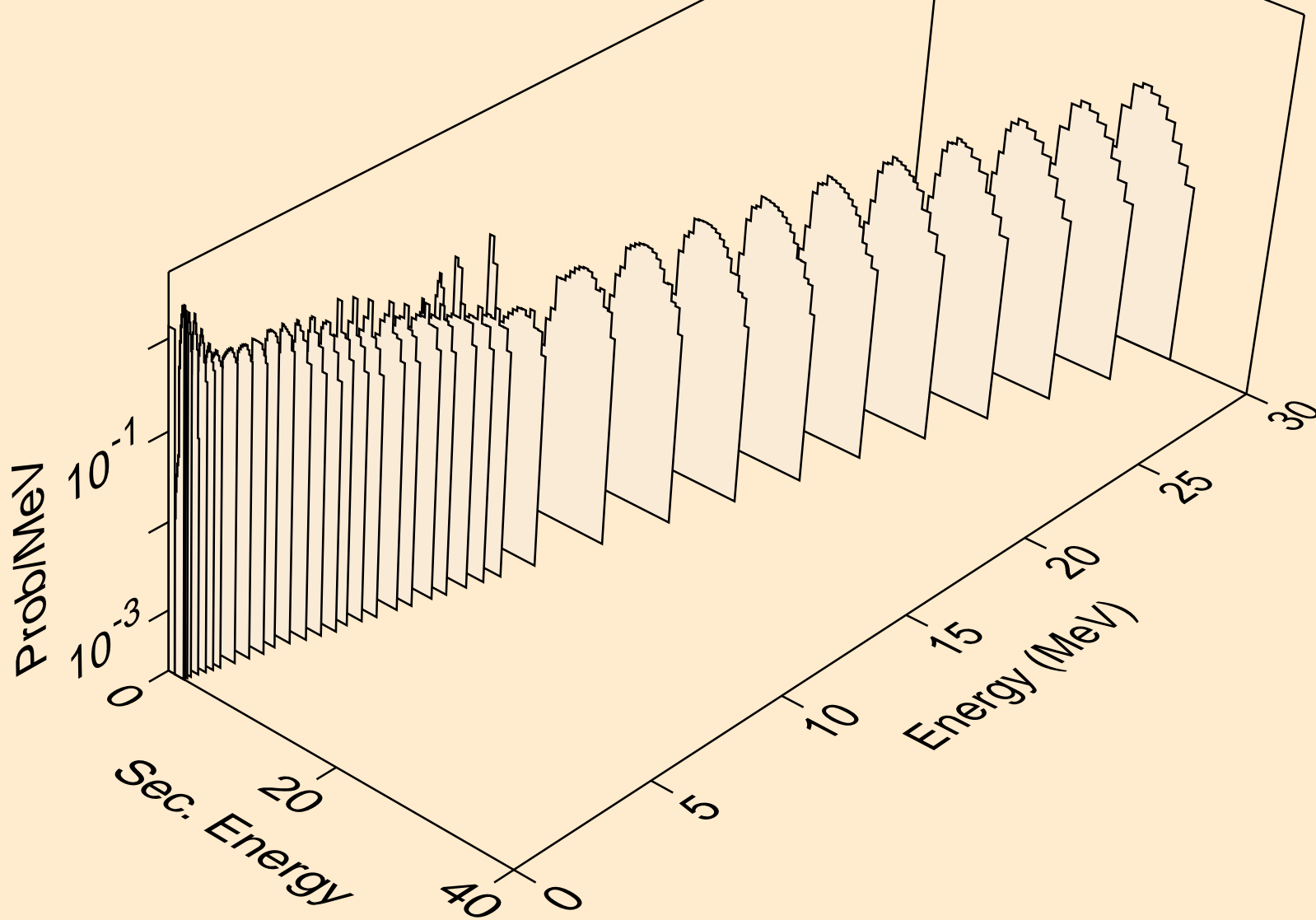
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



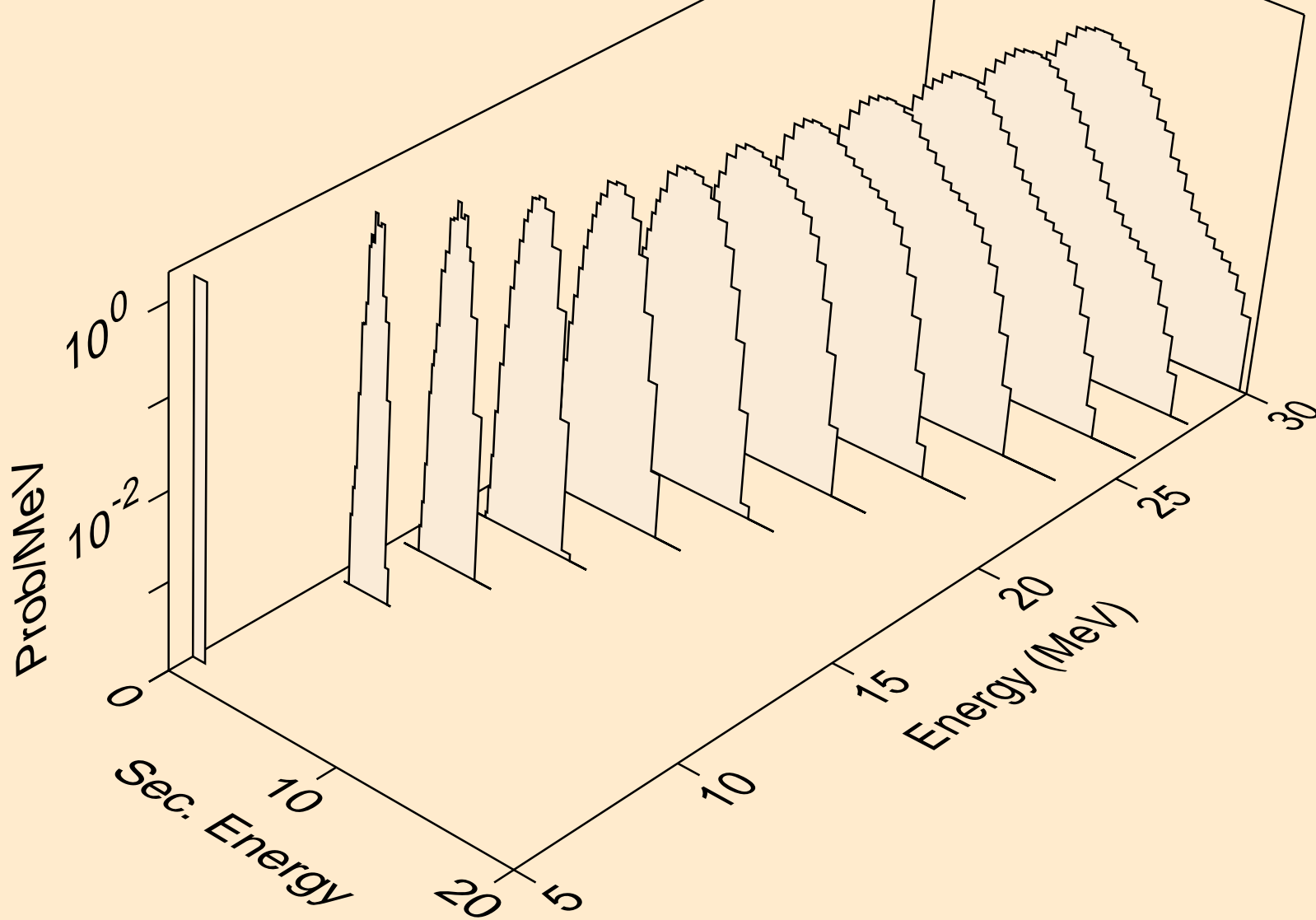
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



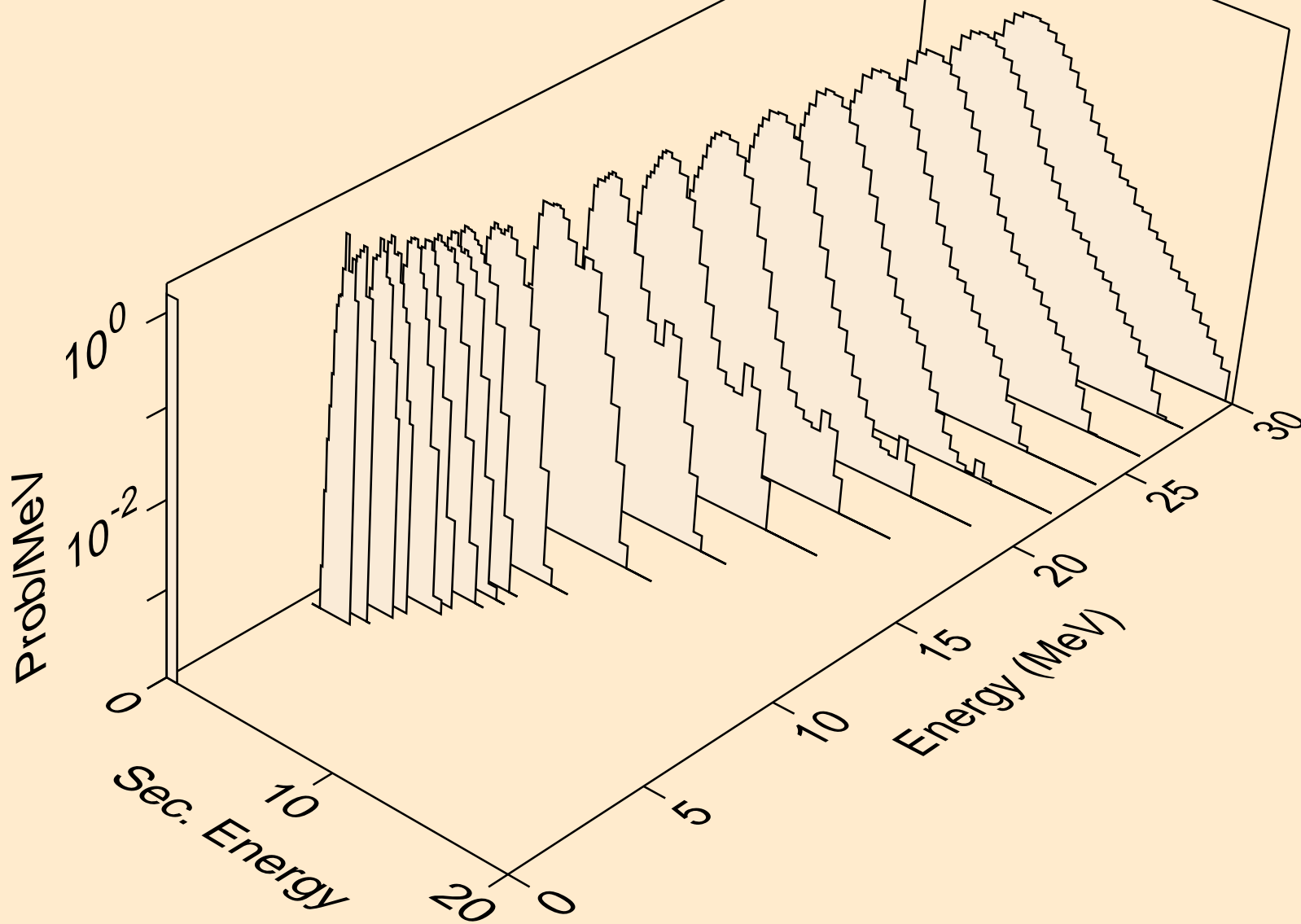
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



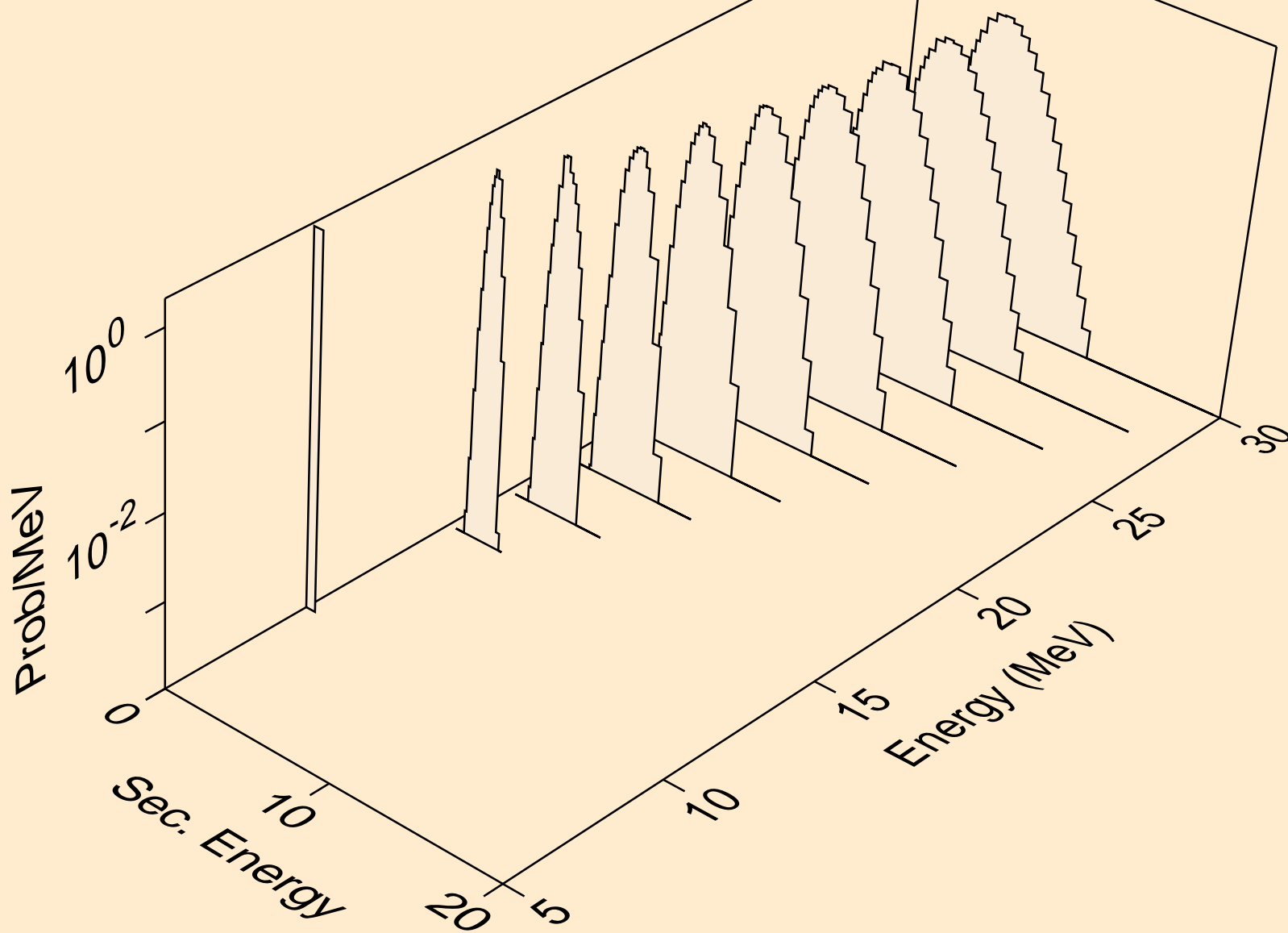
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



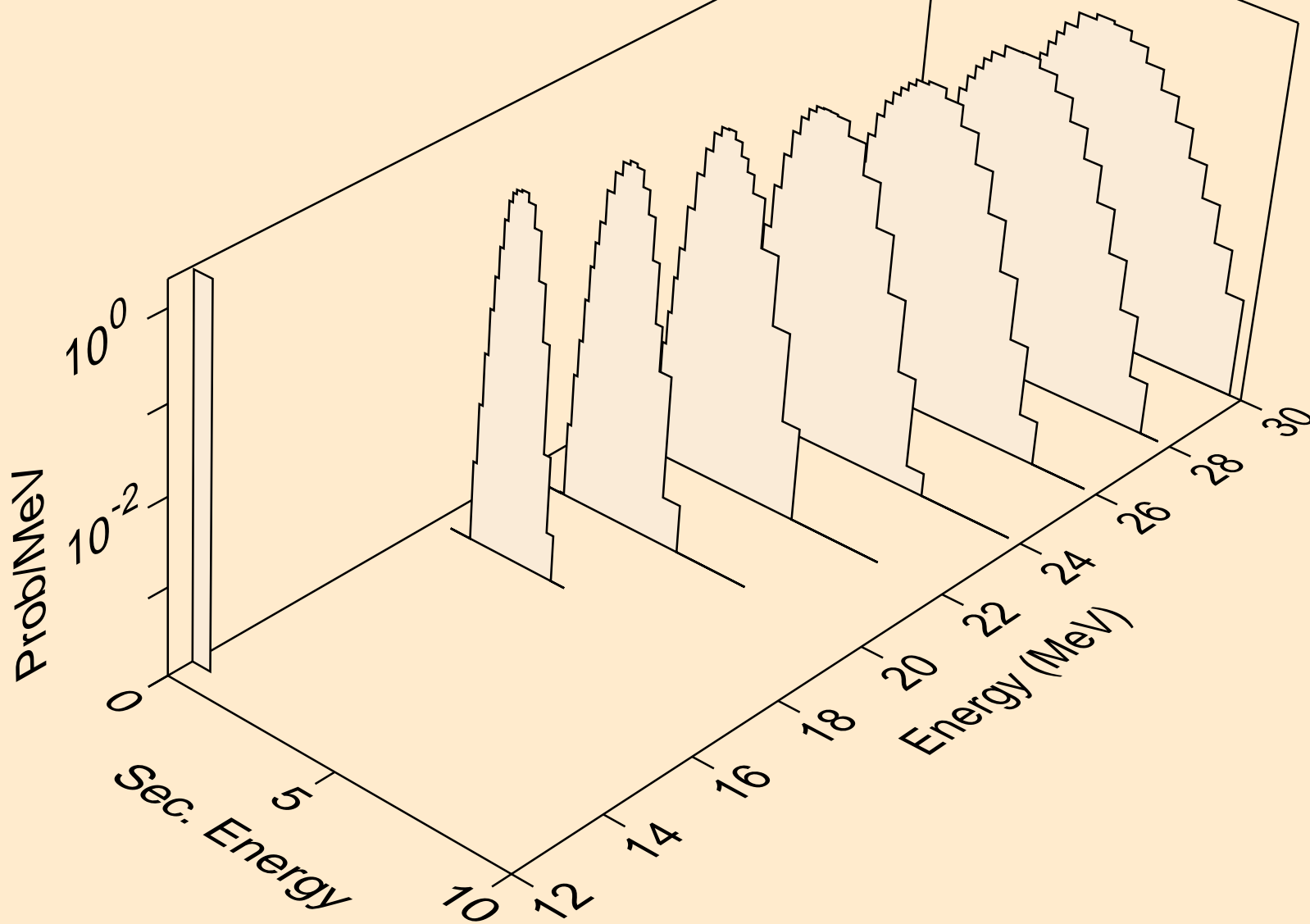
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



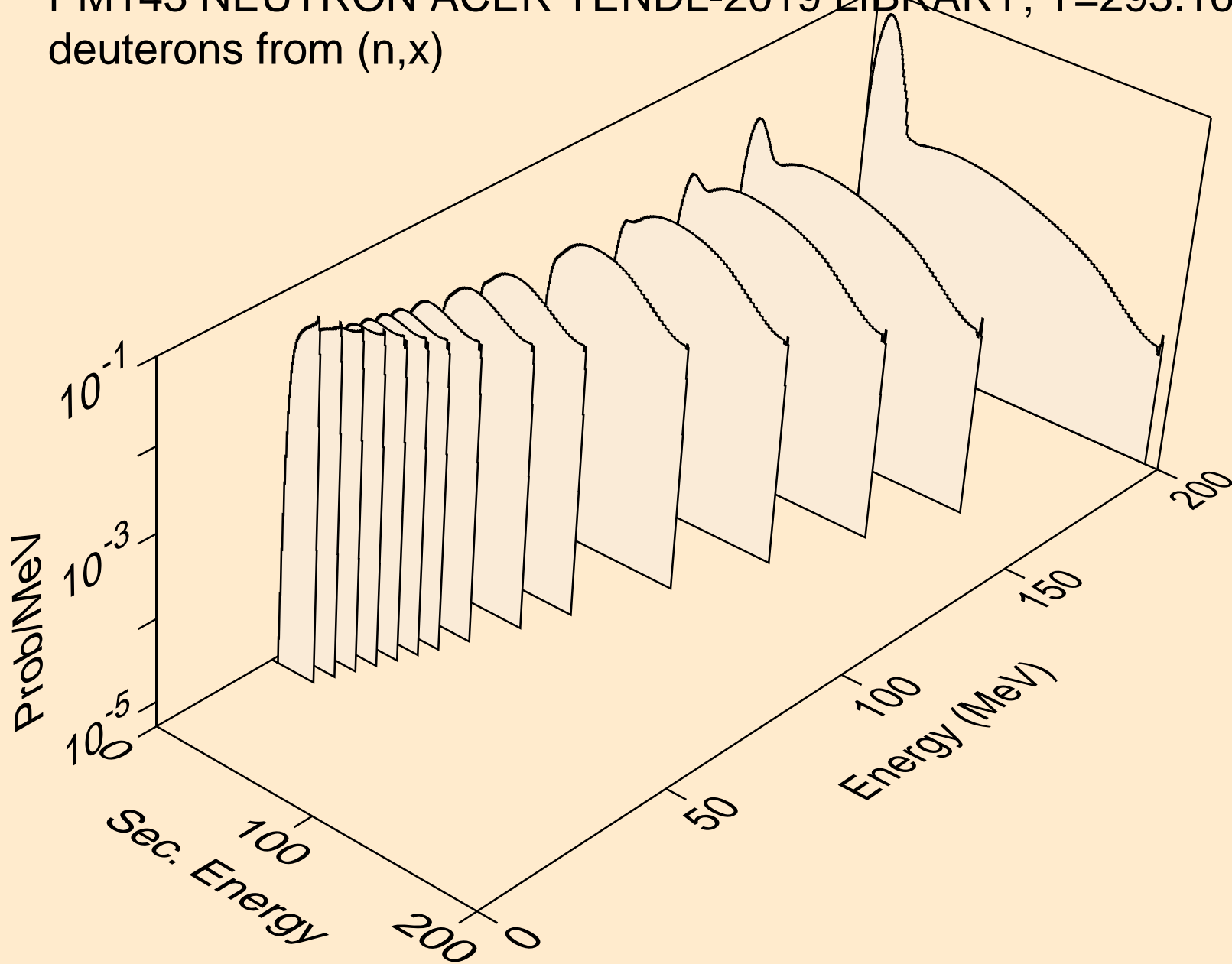
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



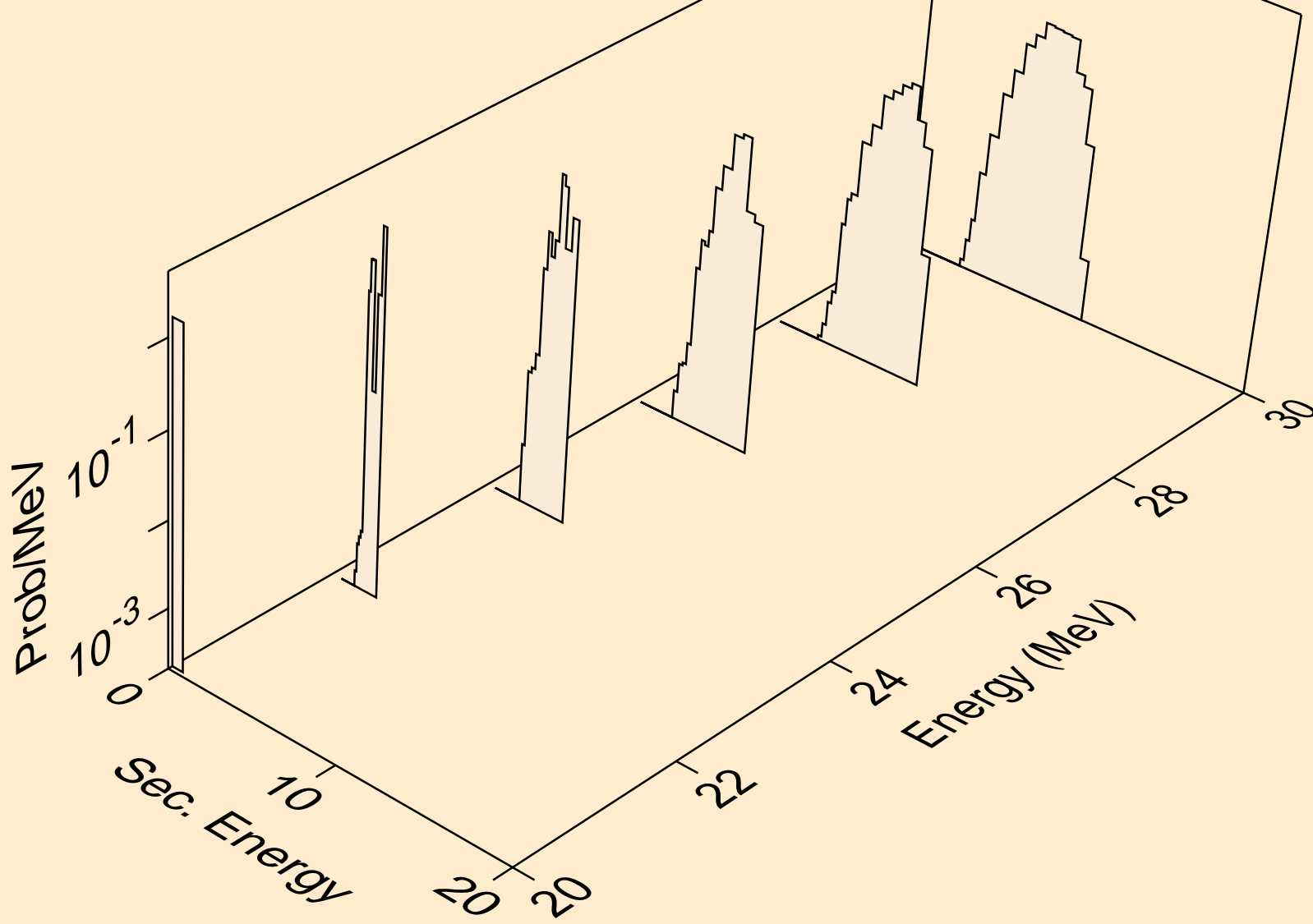
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



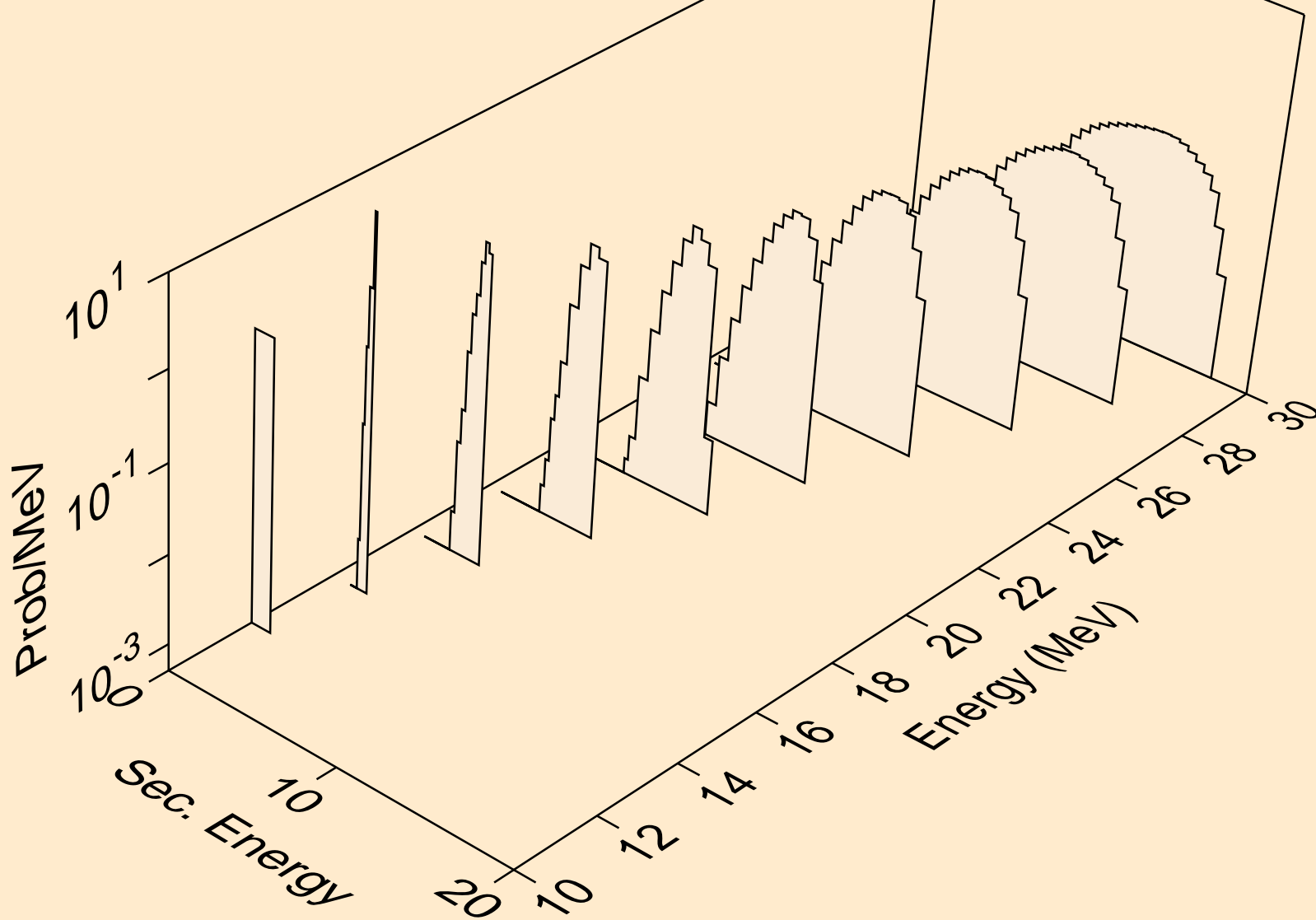
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



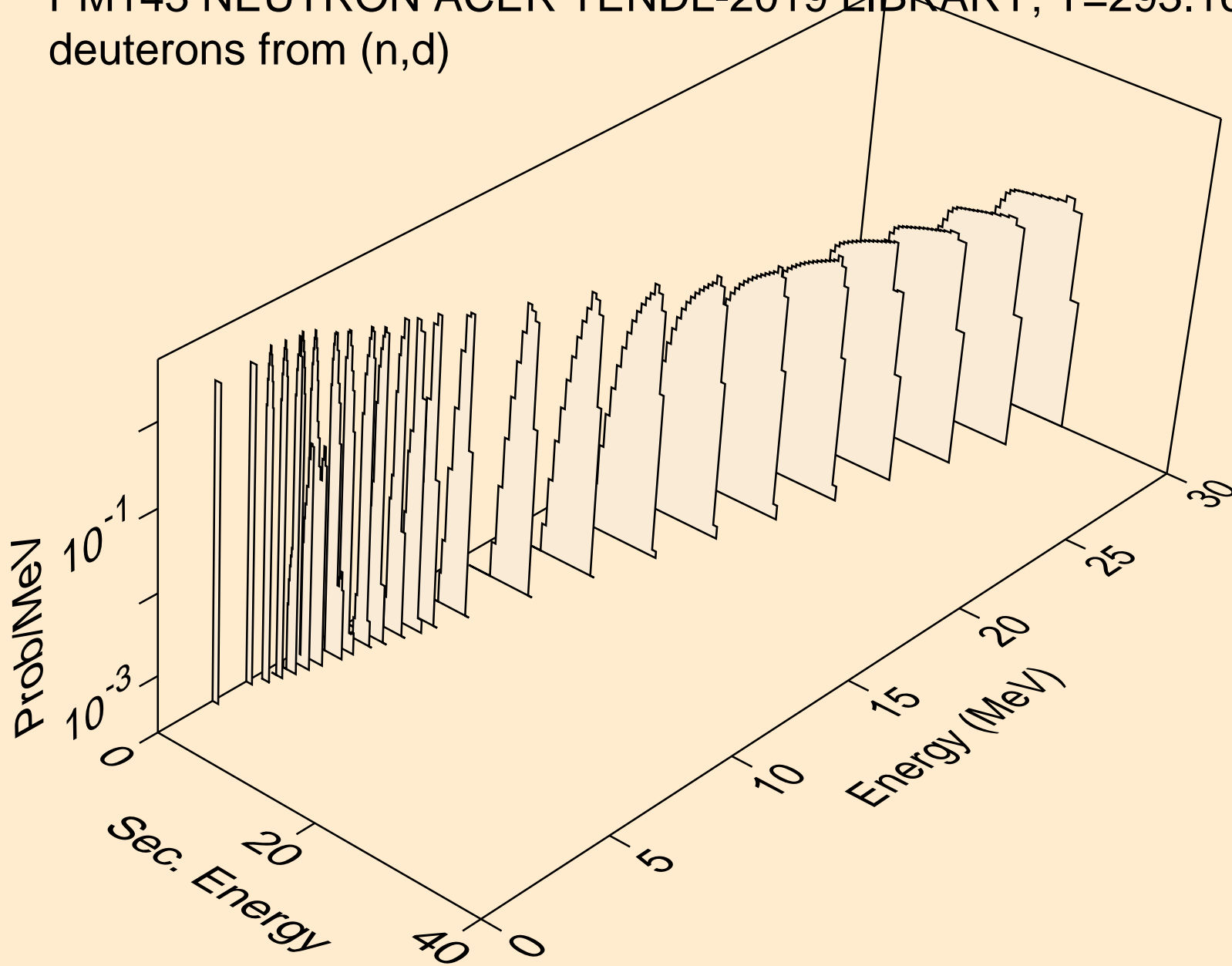
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



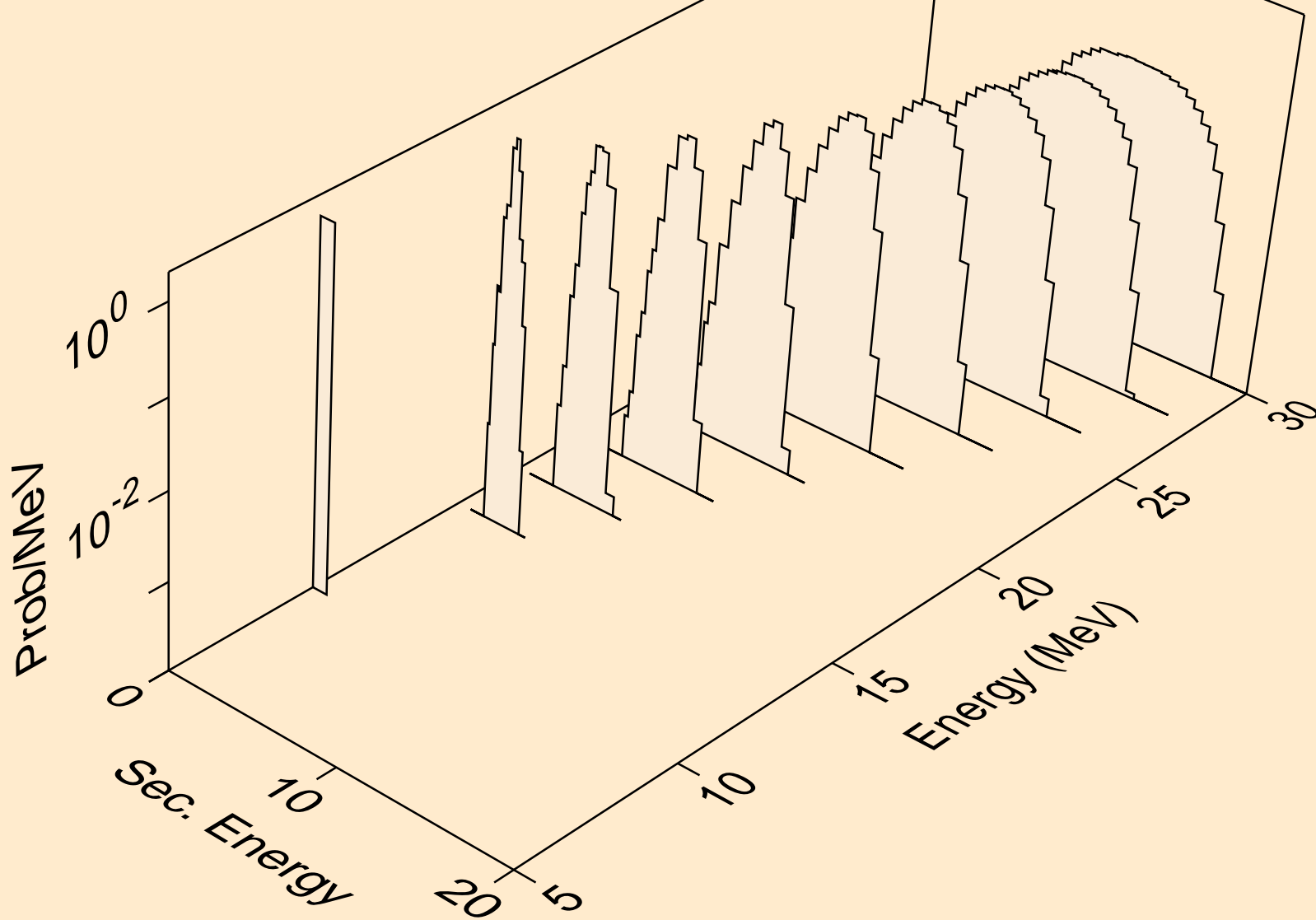
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



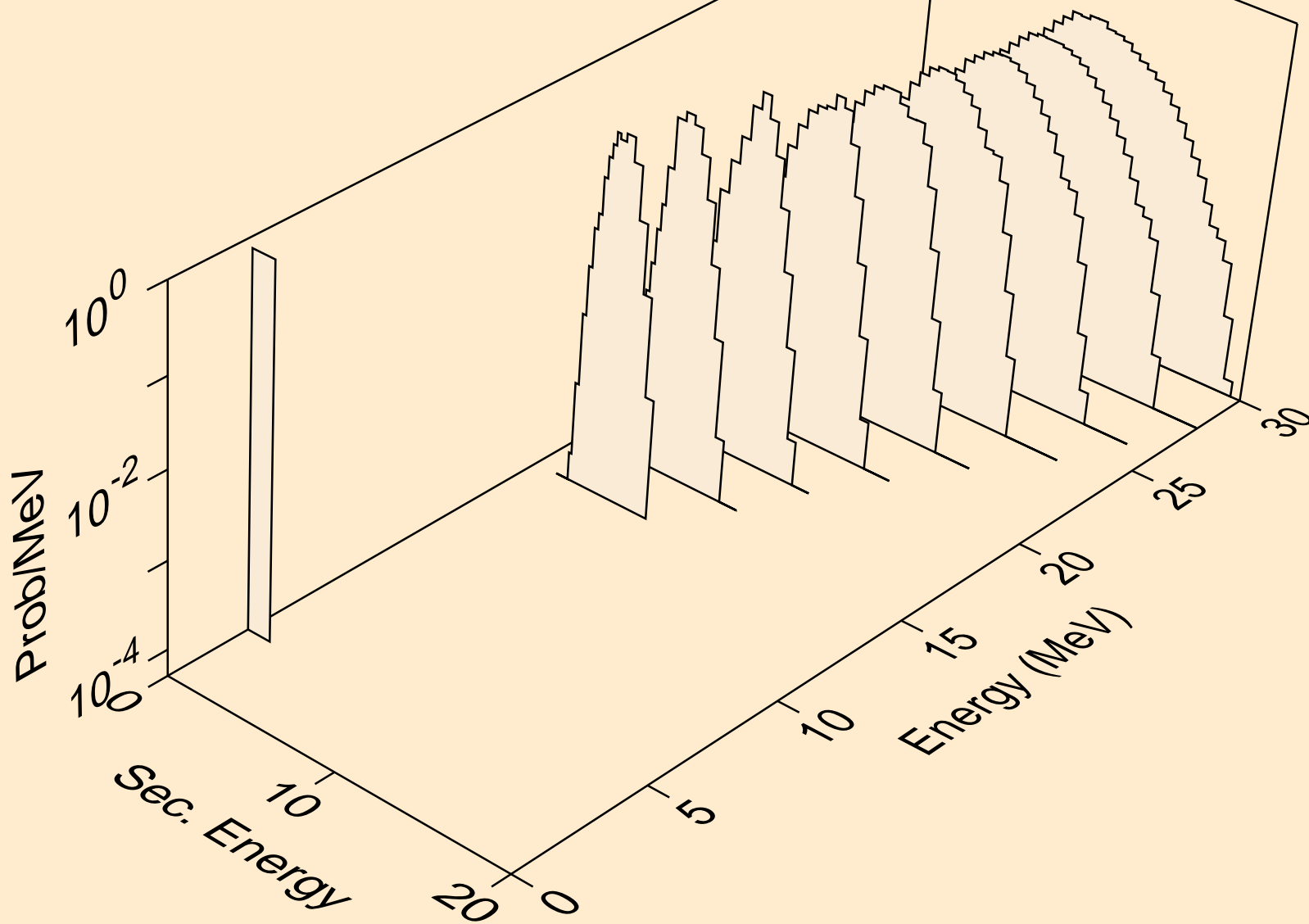
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



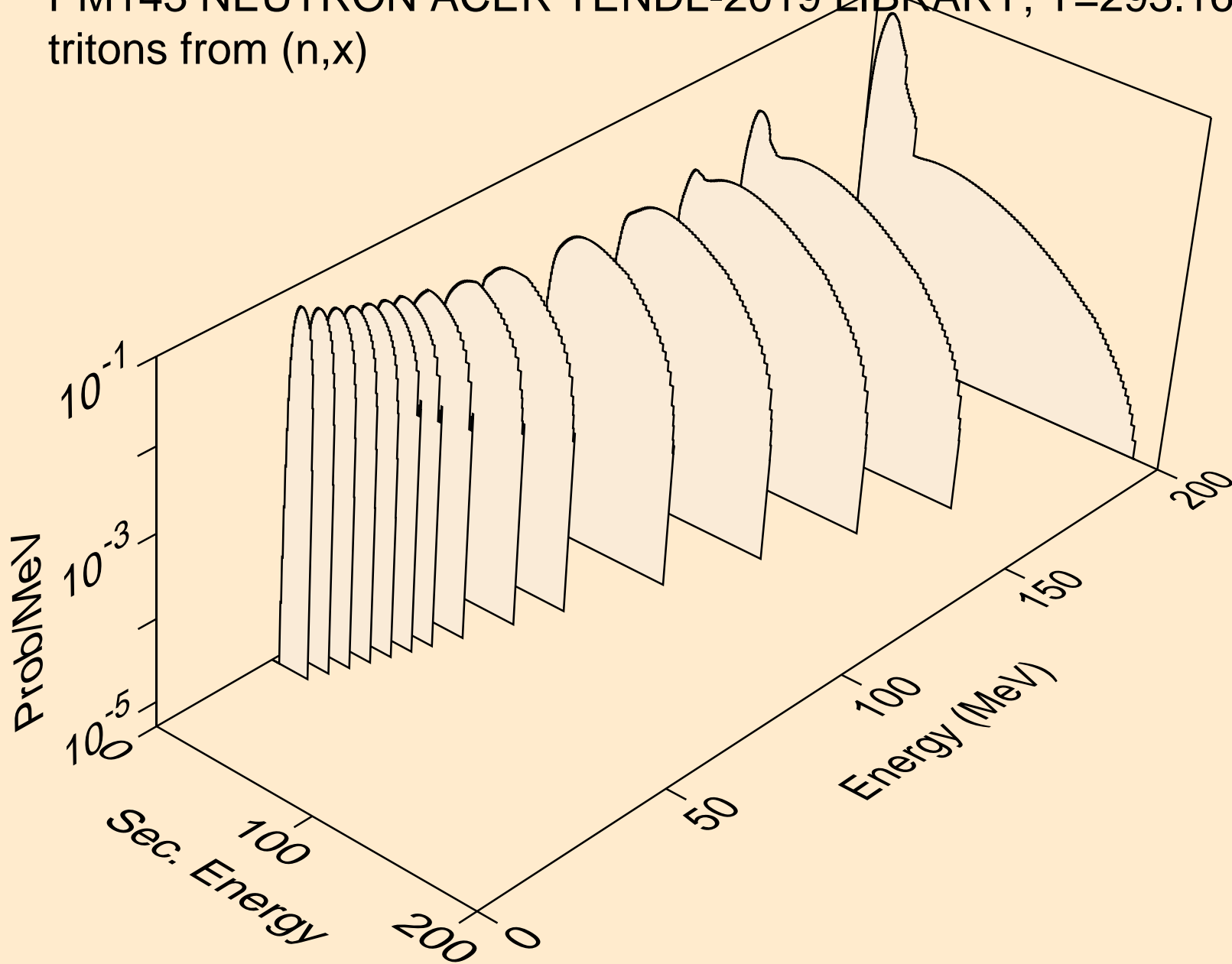
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



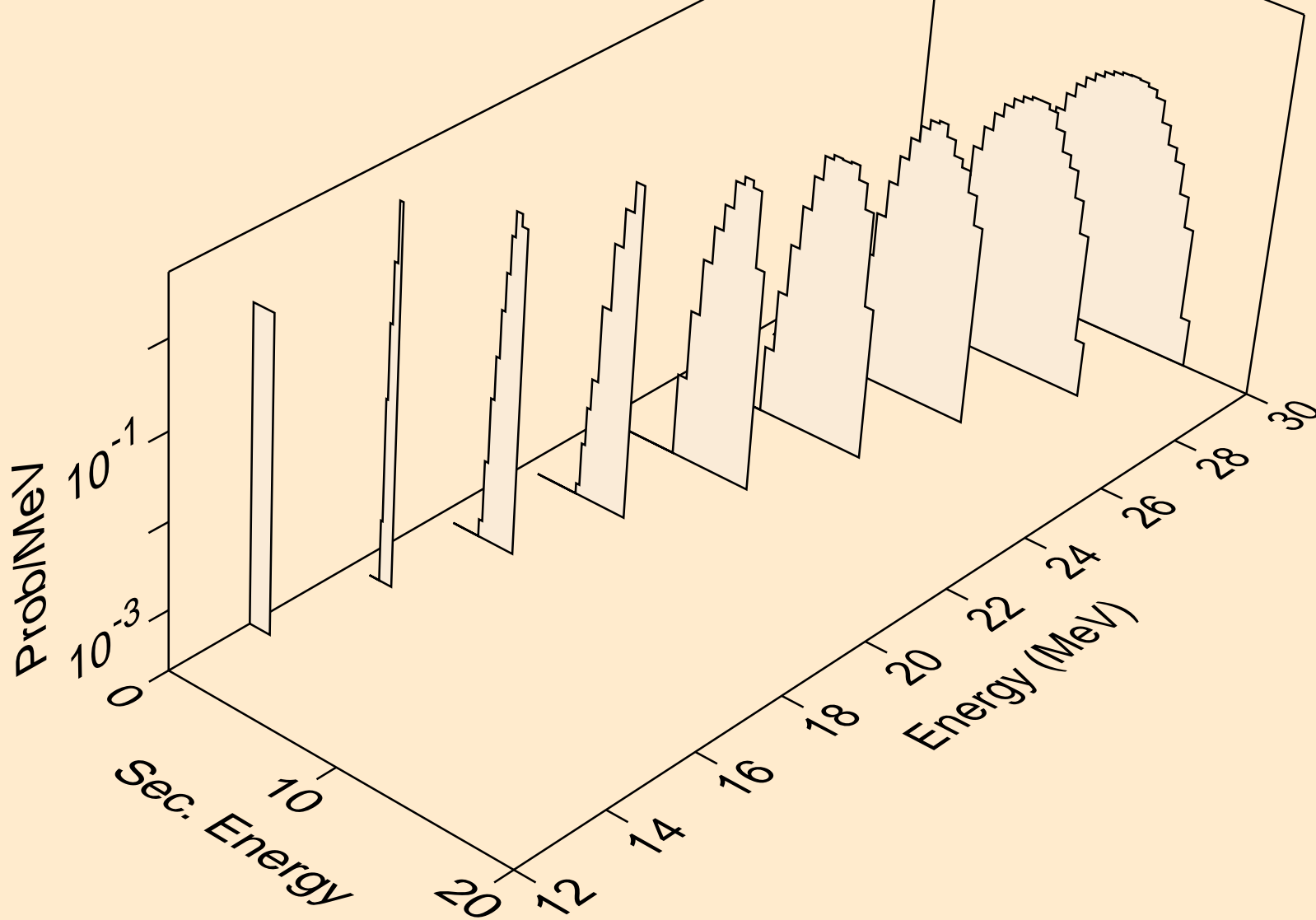
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



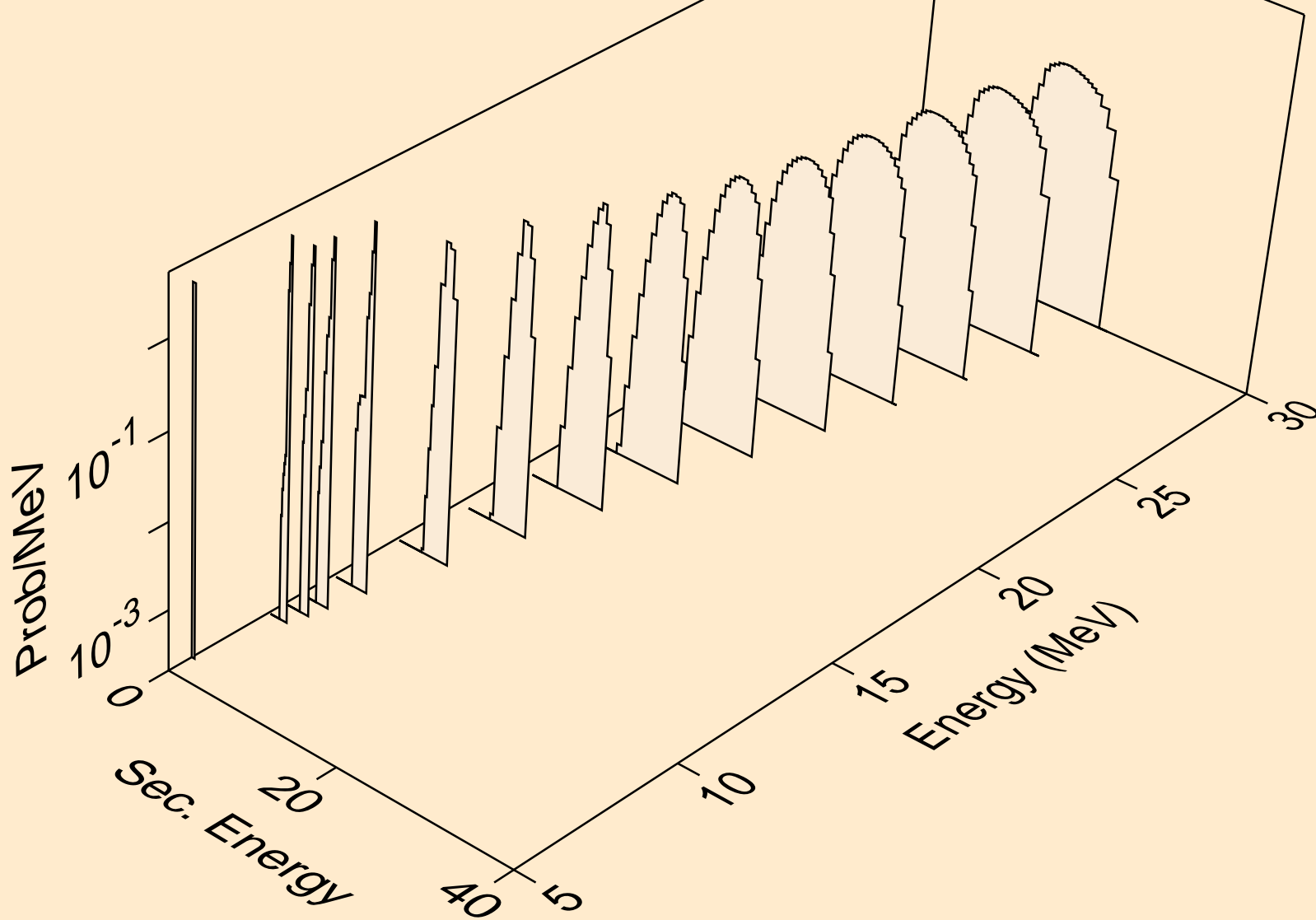
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



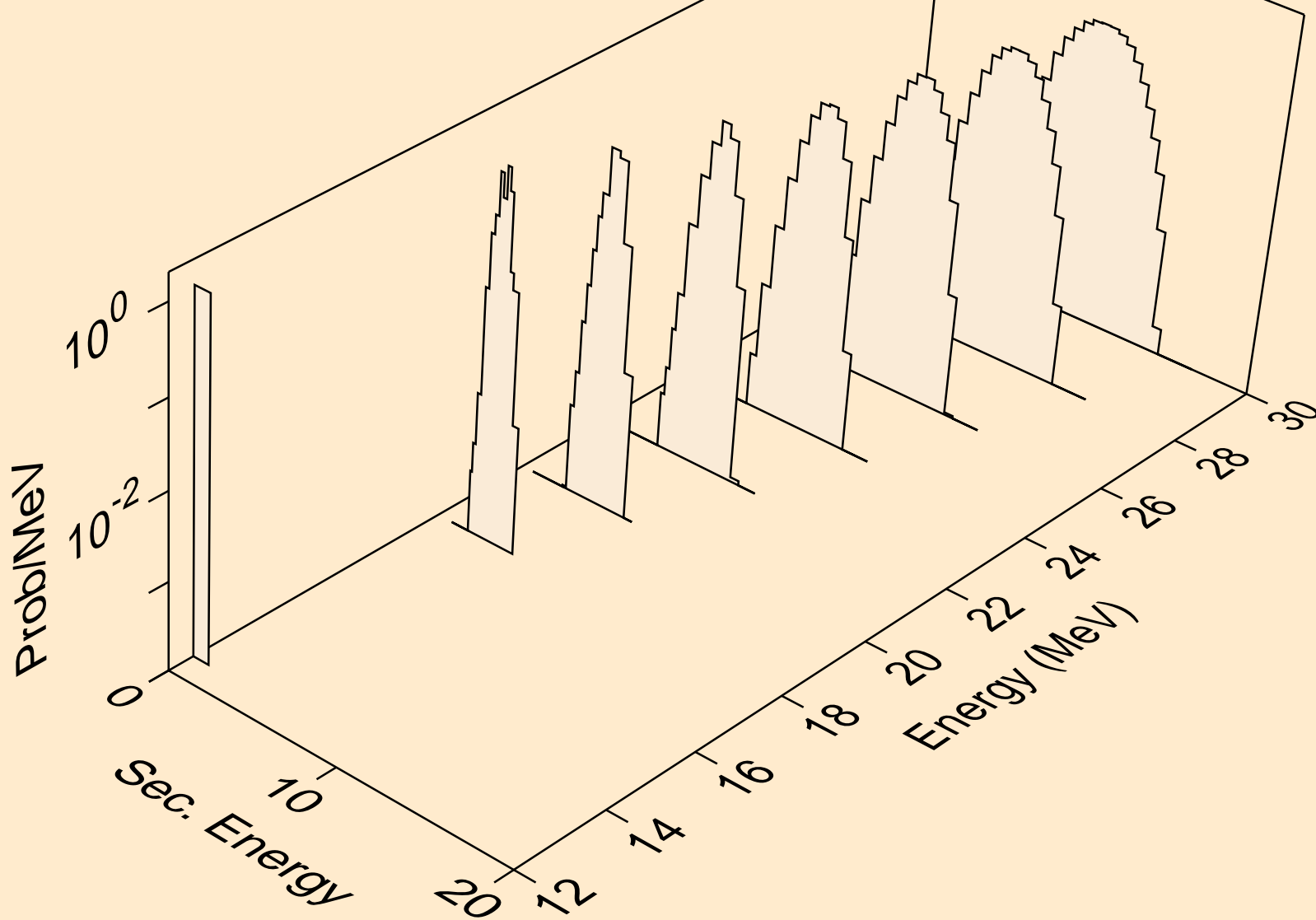
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



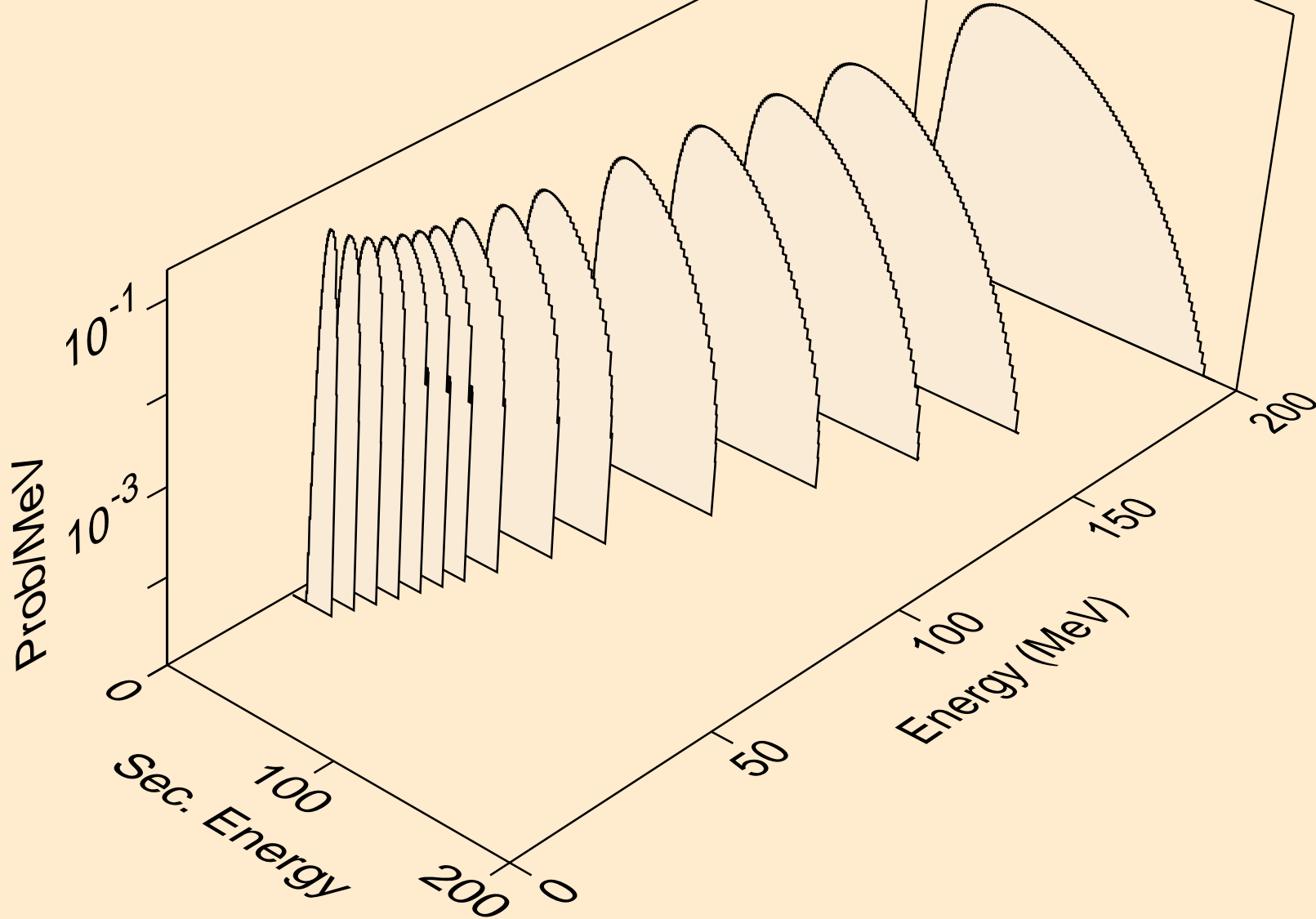
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



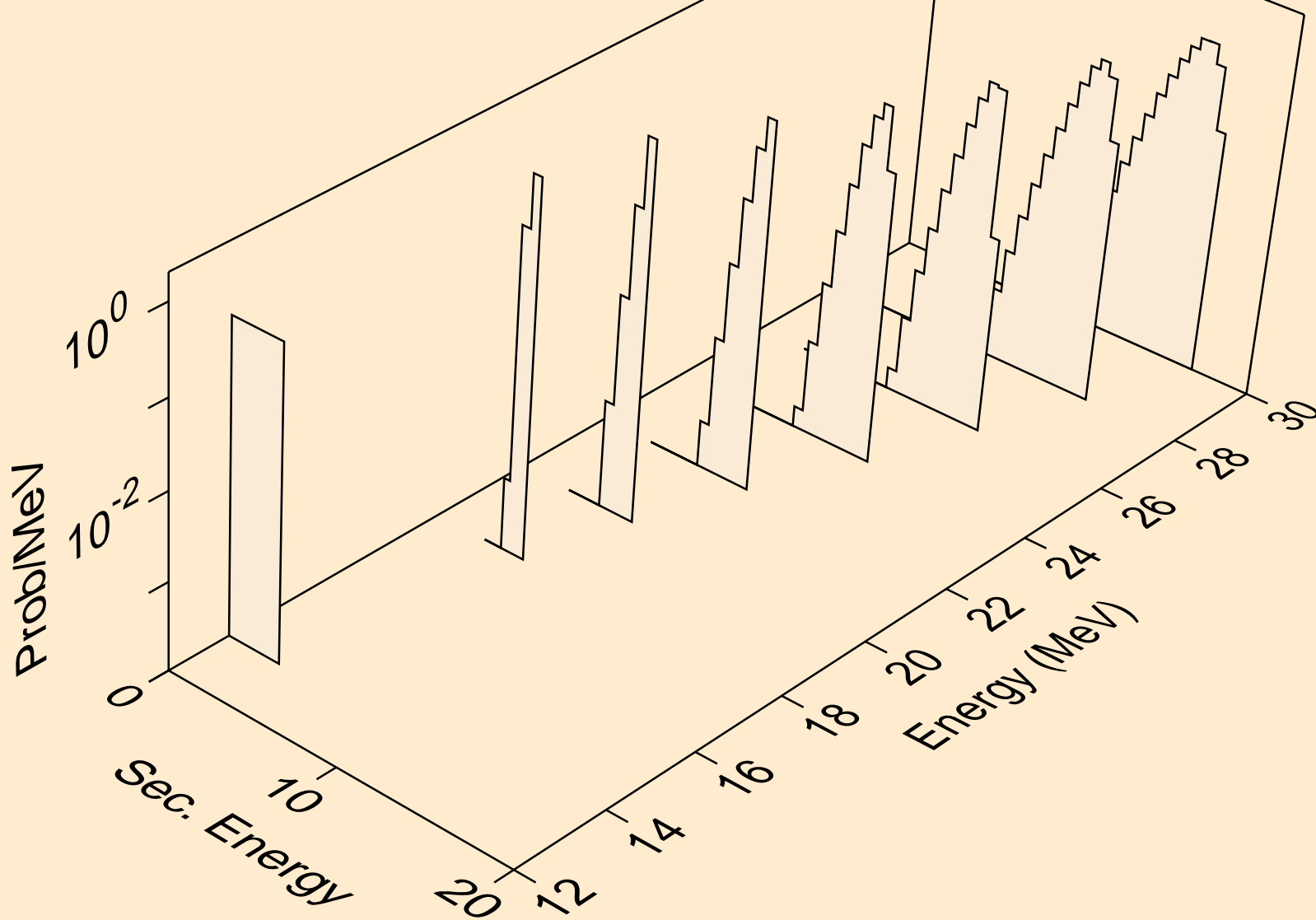
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



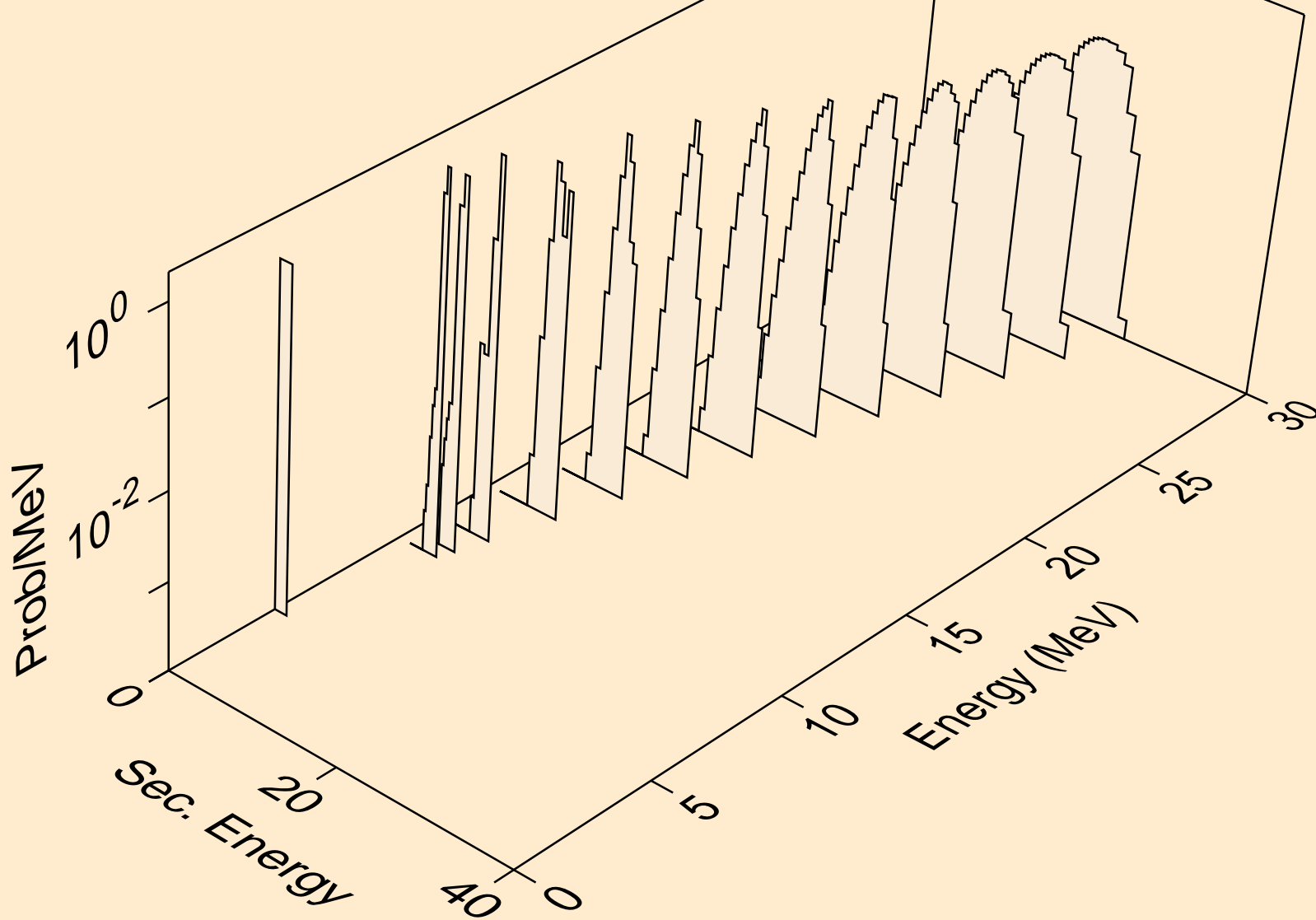
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



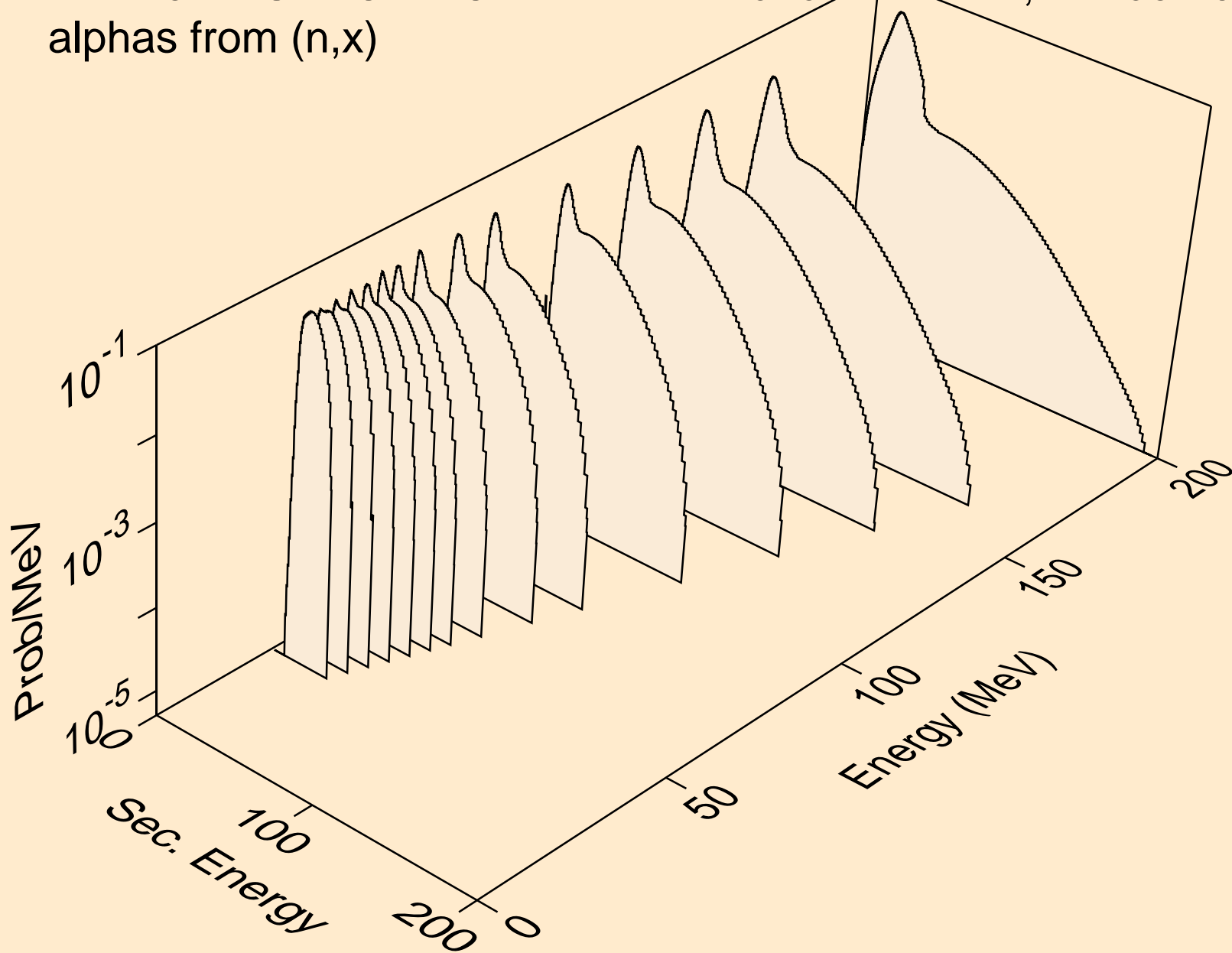
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



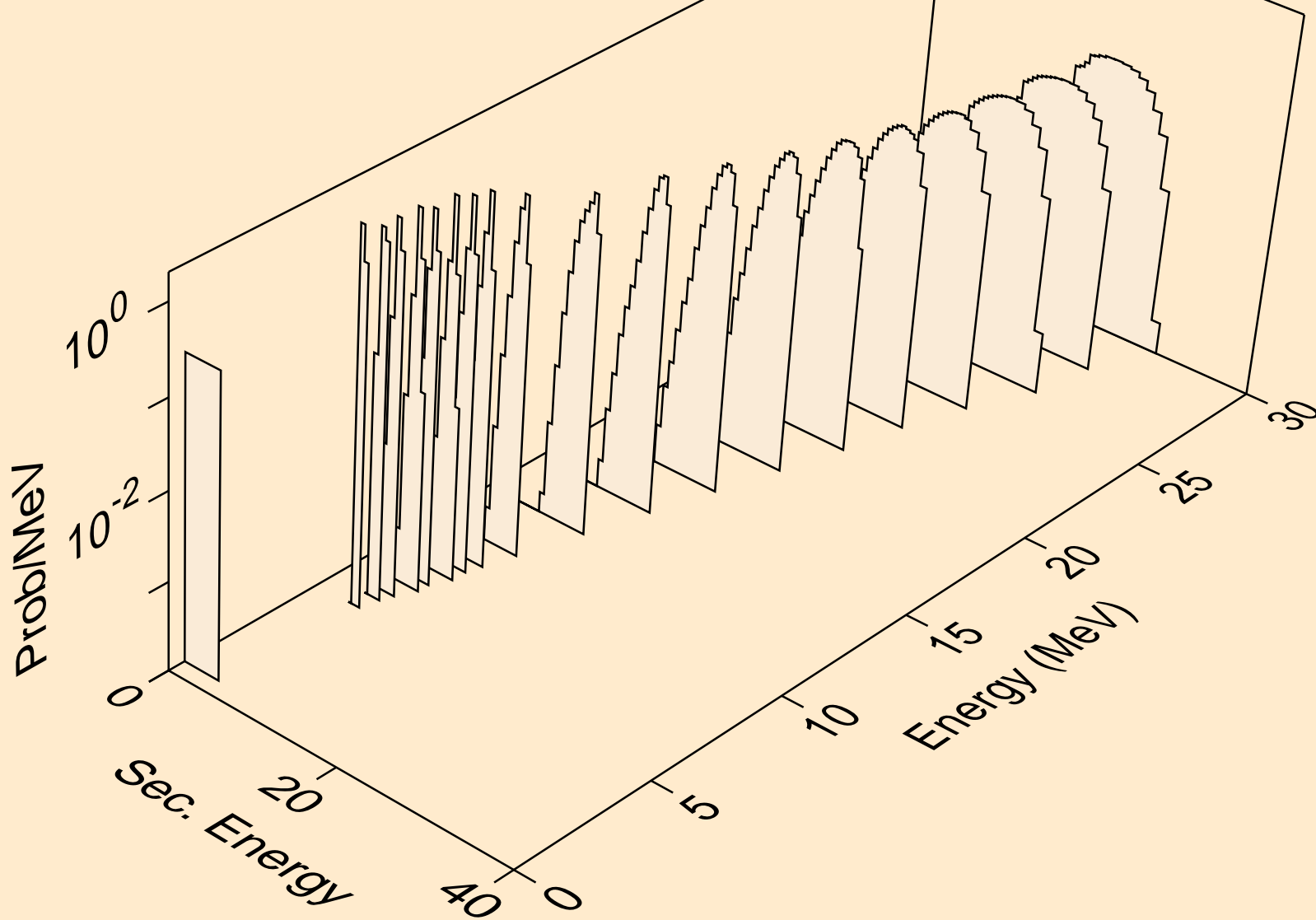
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



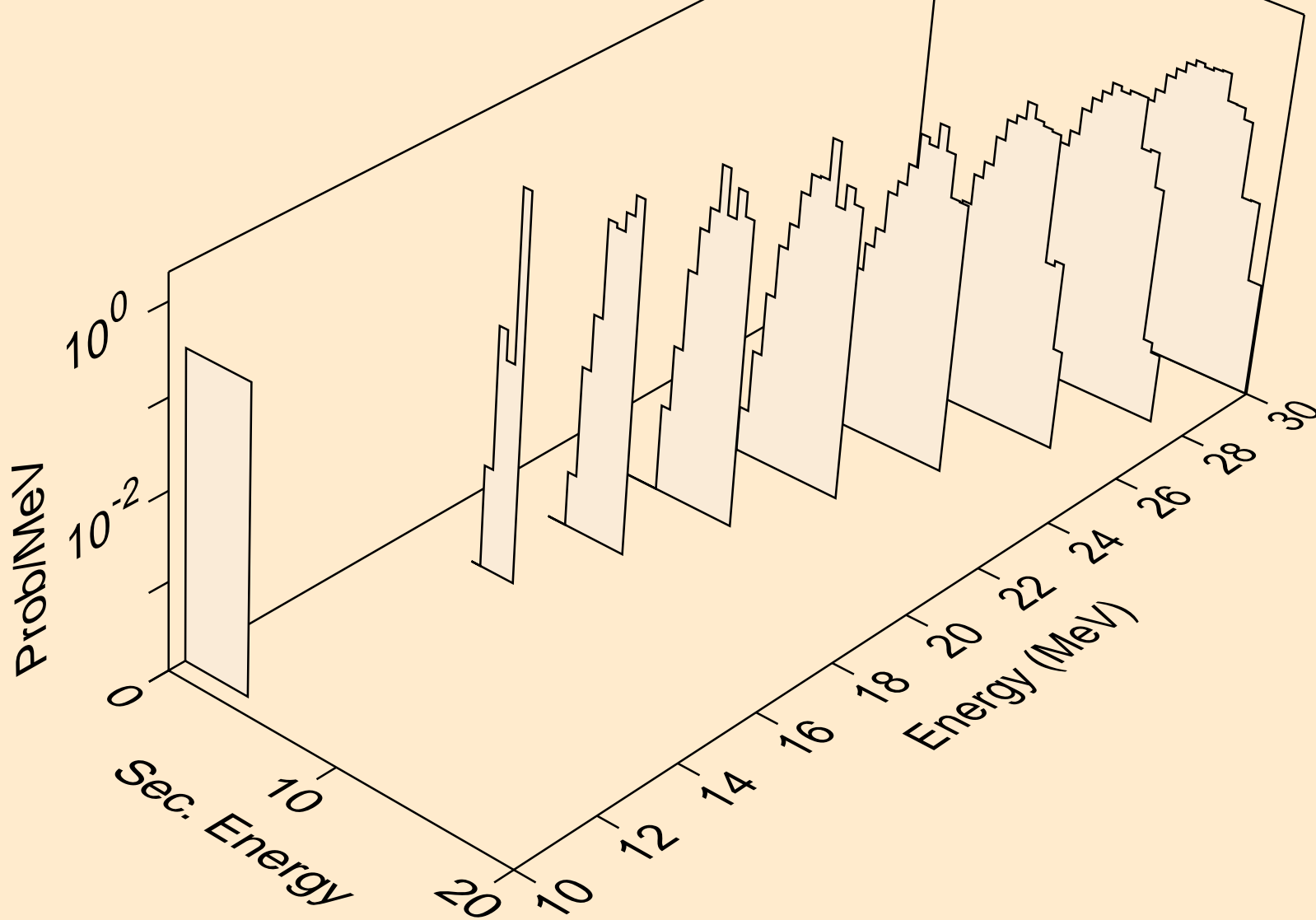
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



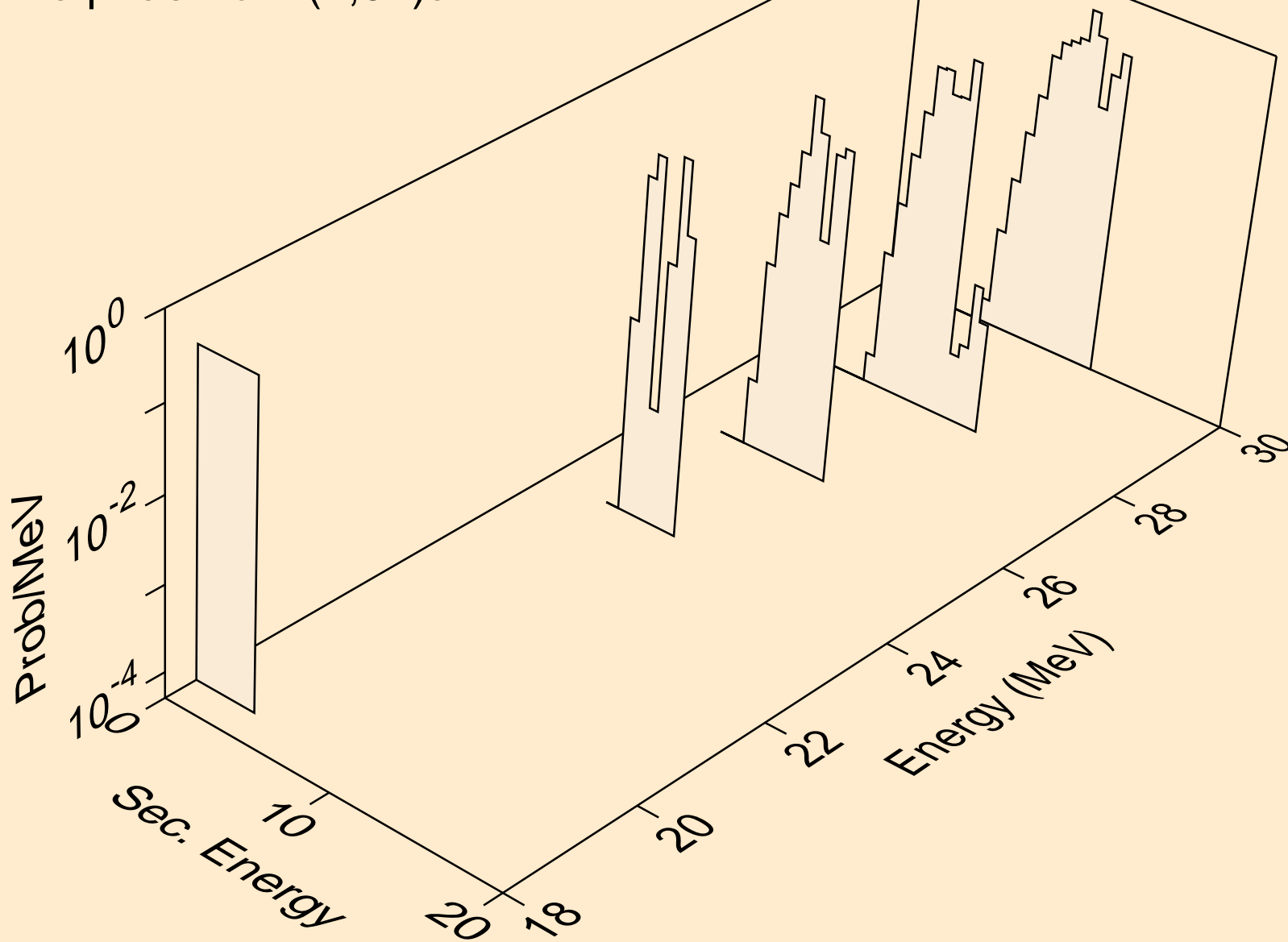
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



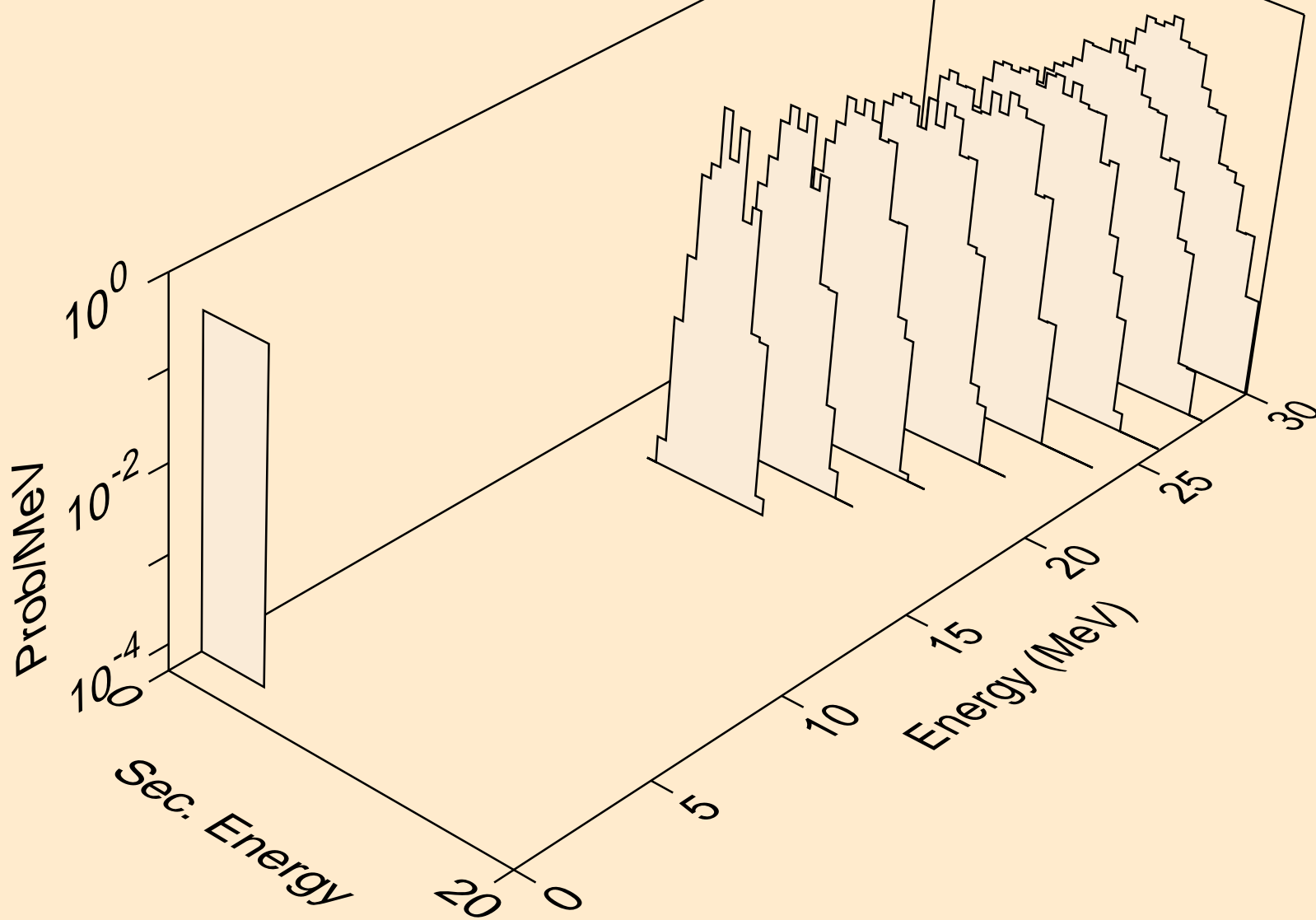
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



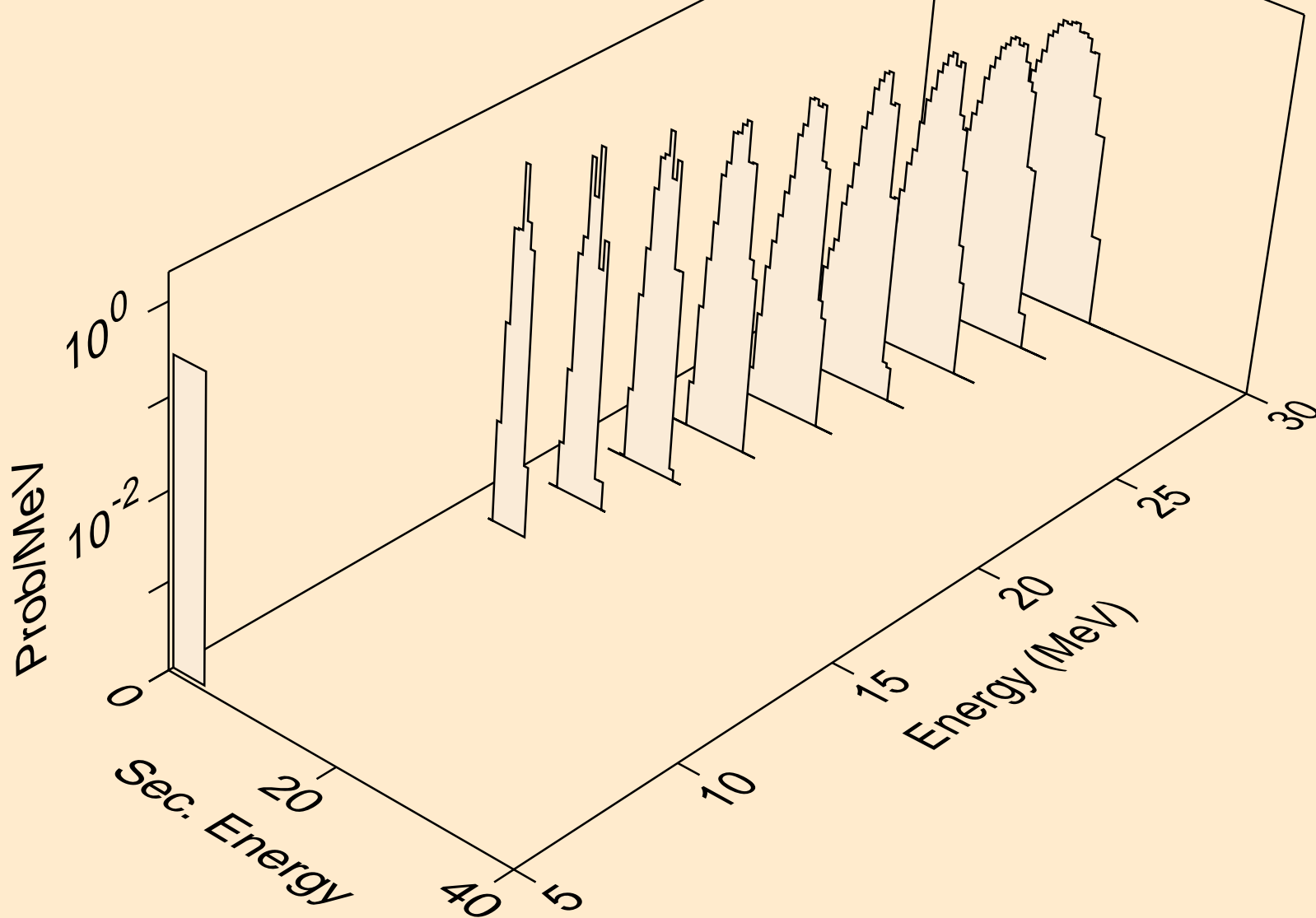
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



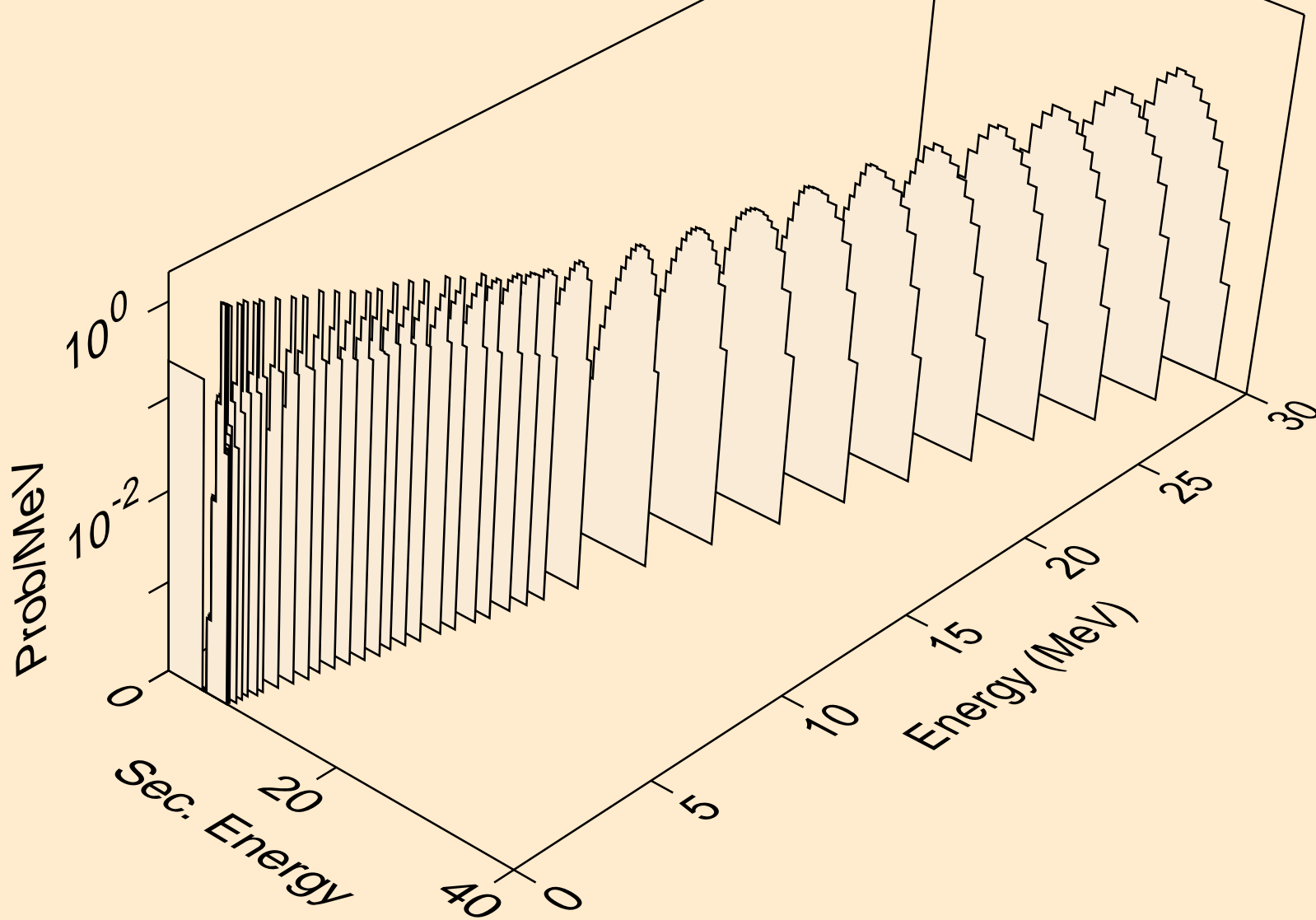
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



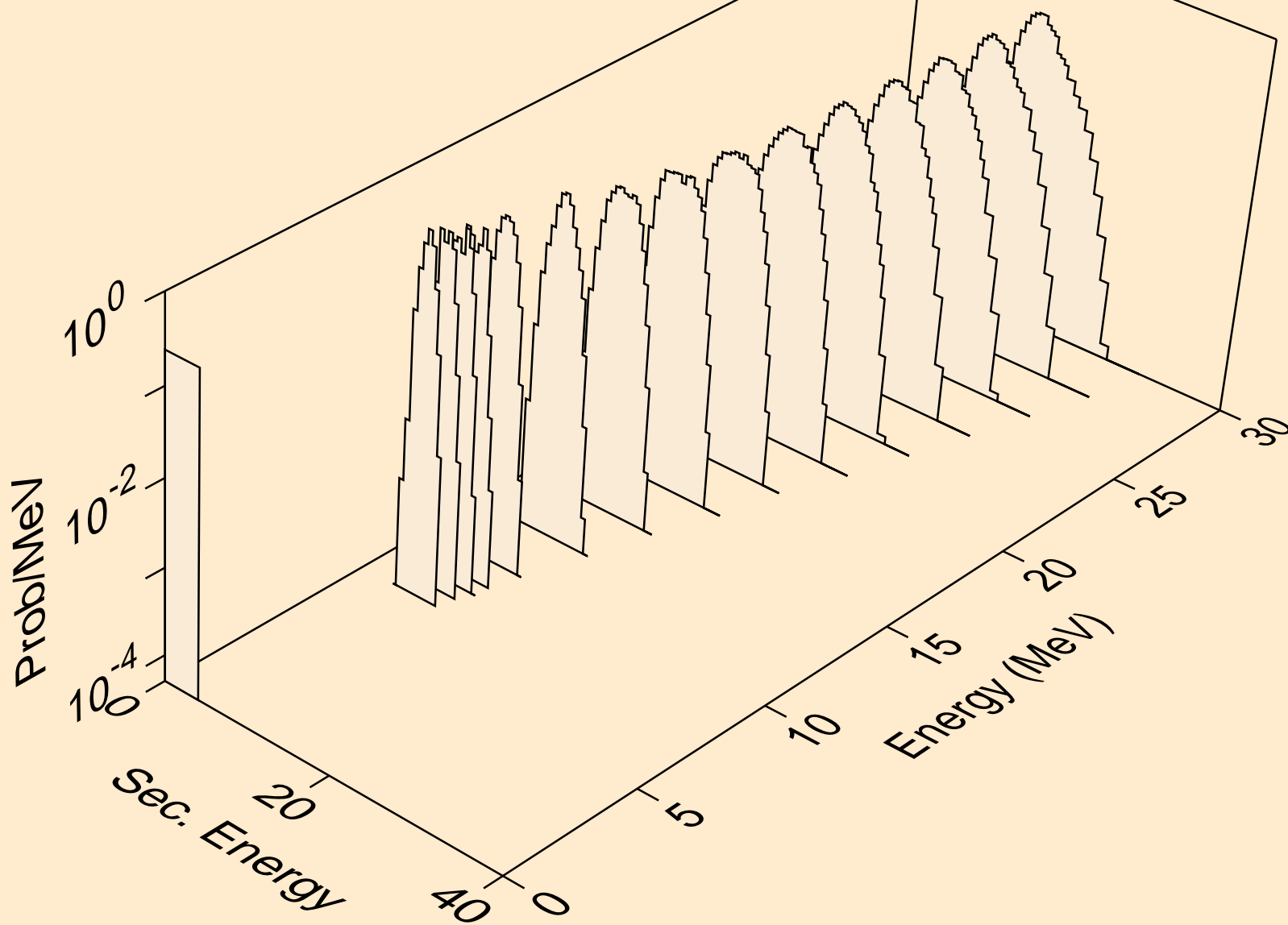
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



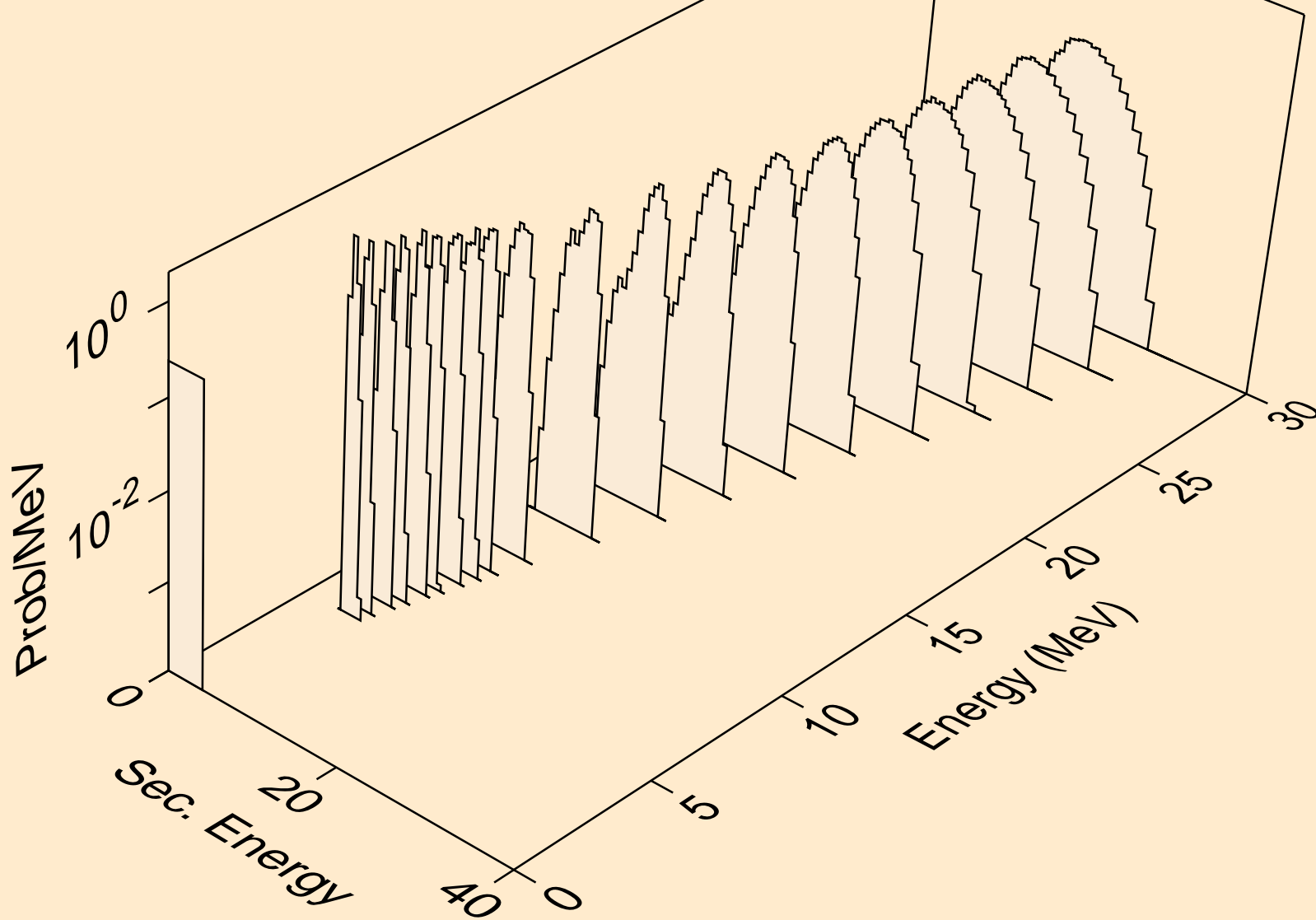
PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



PM143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

