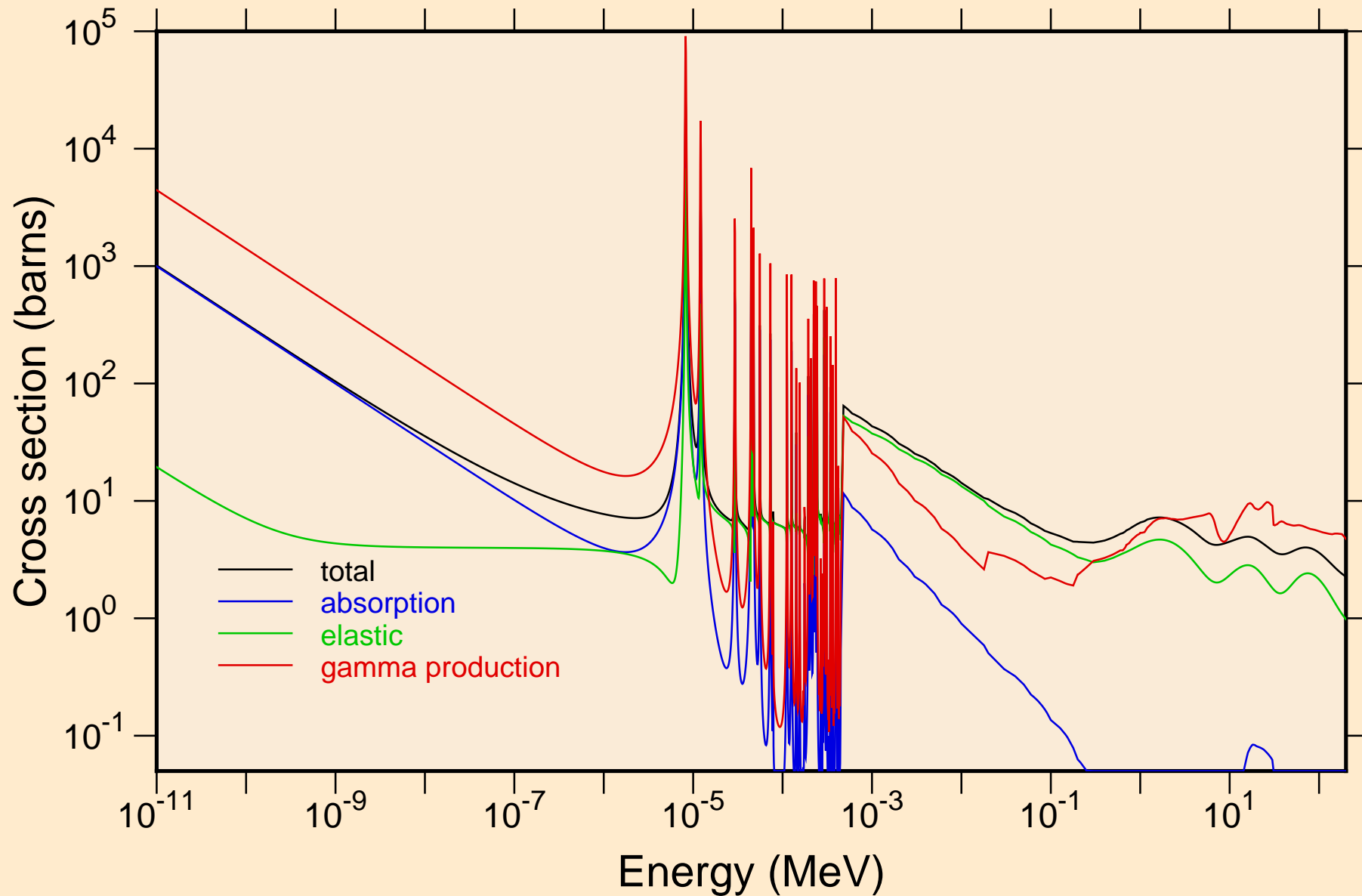
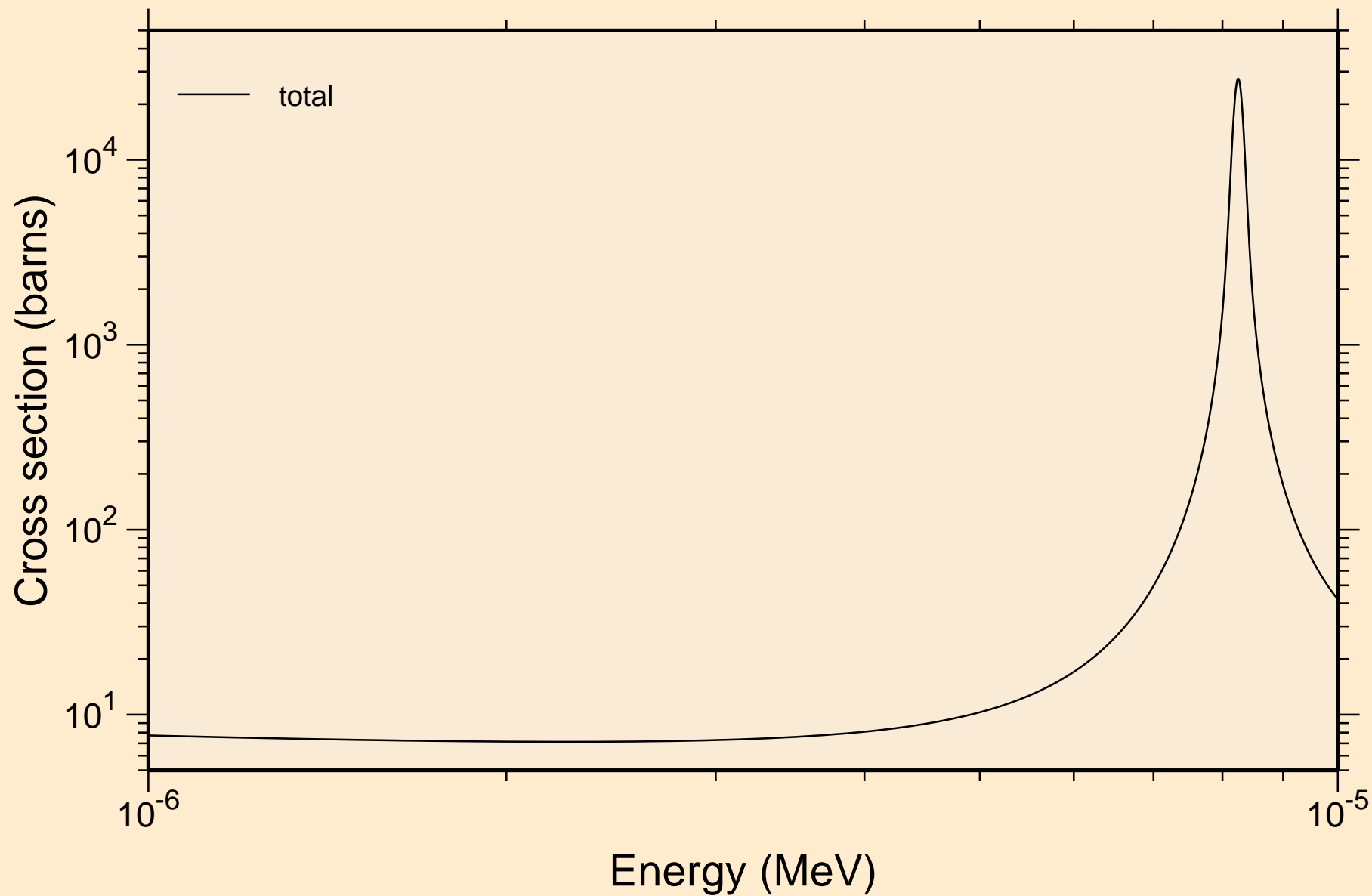


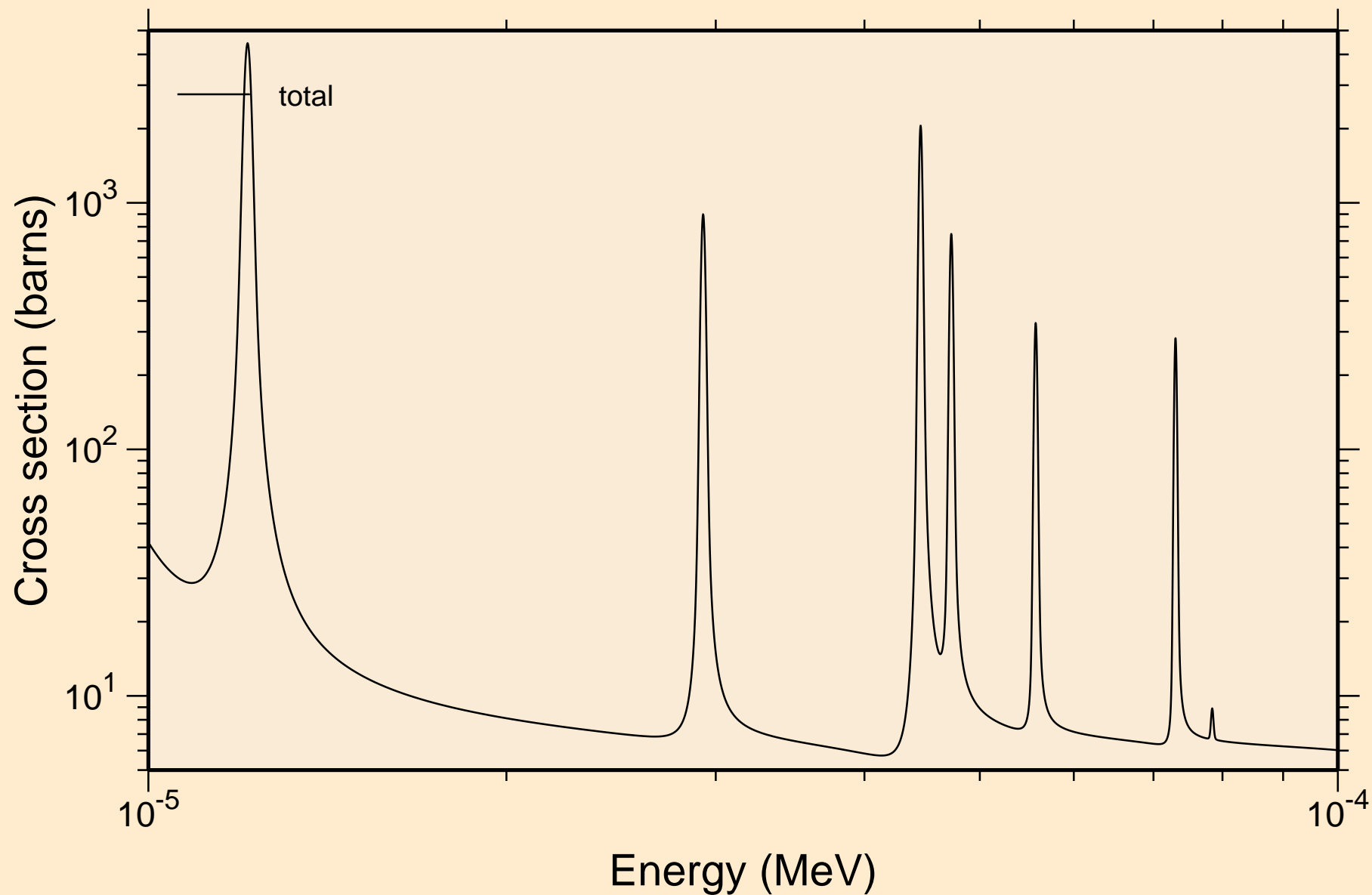
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



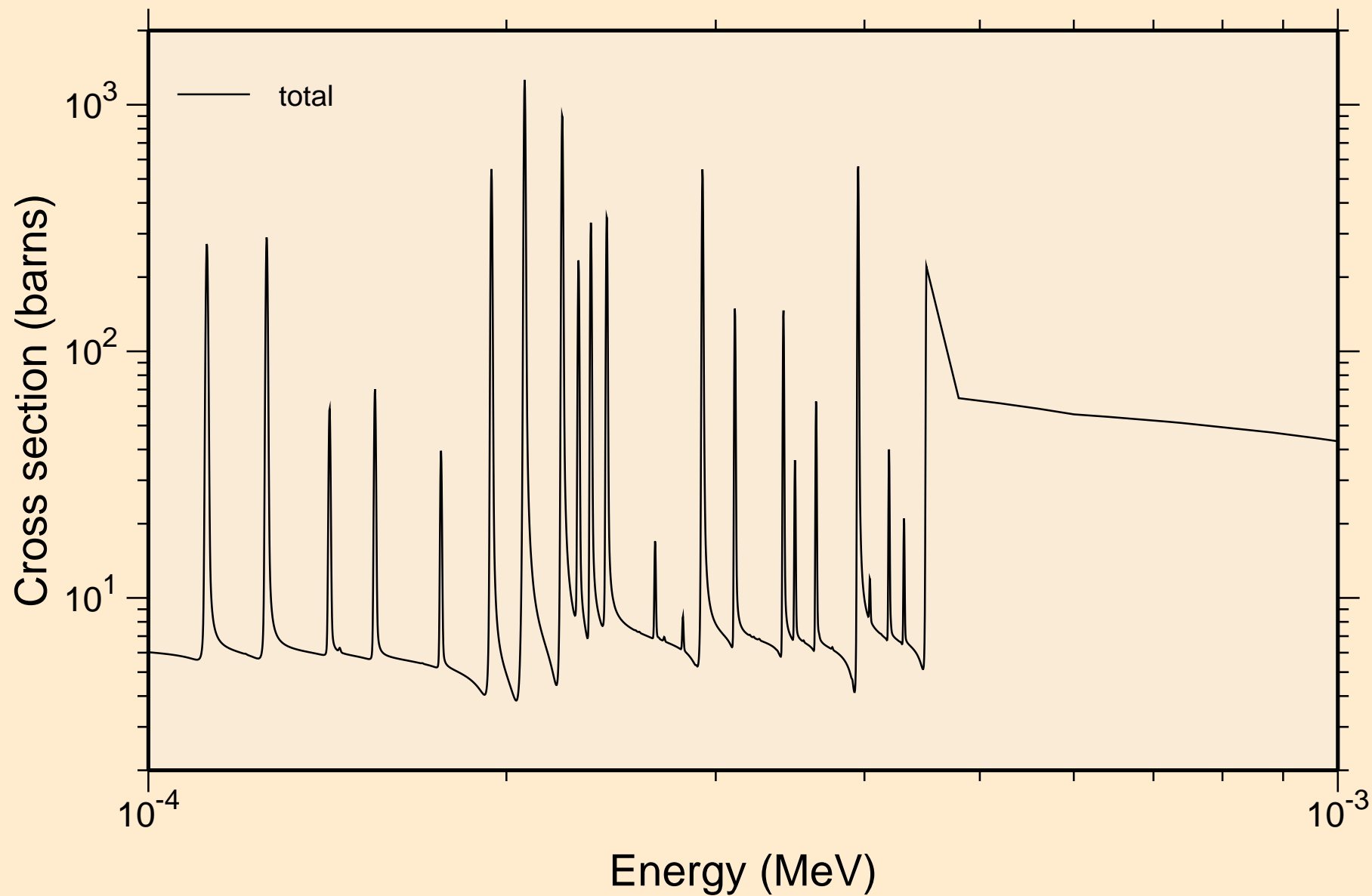
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



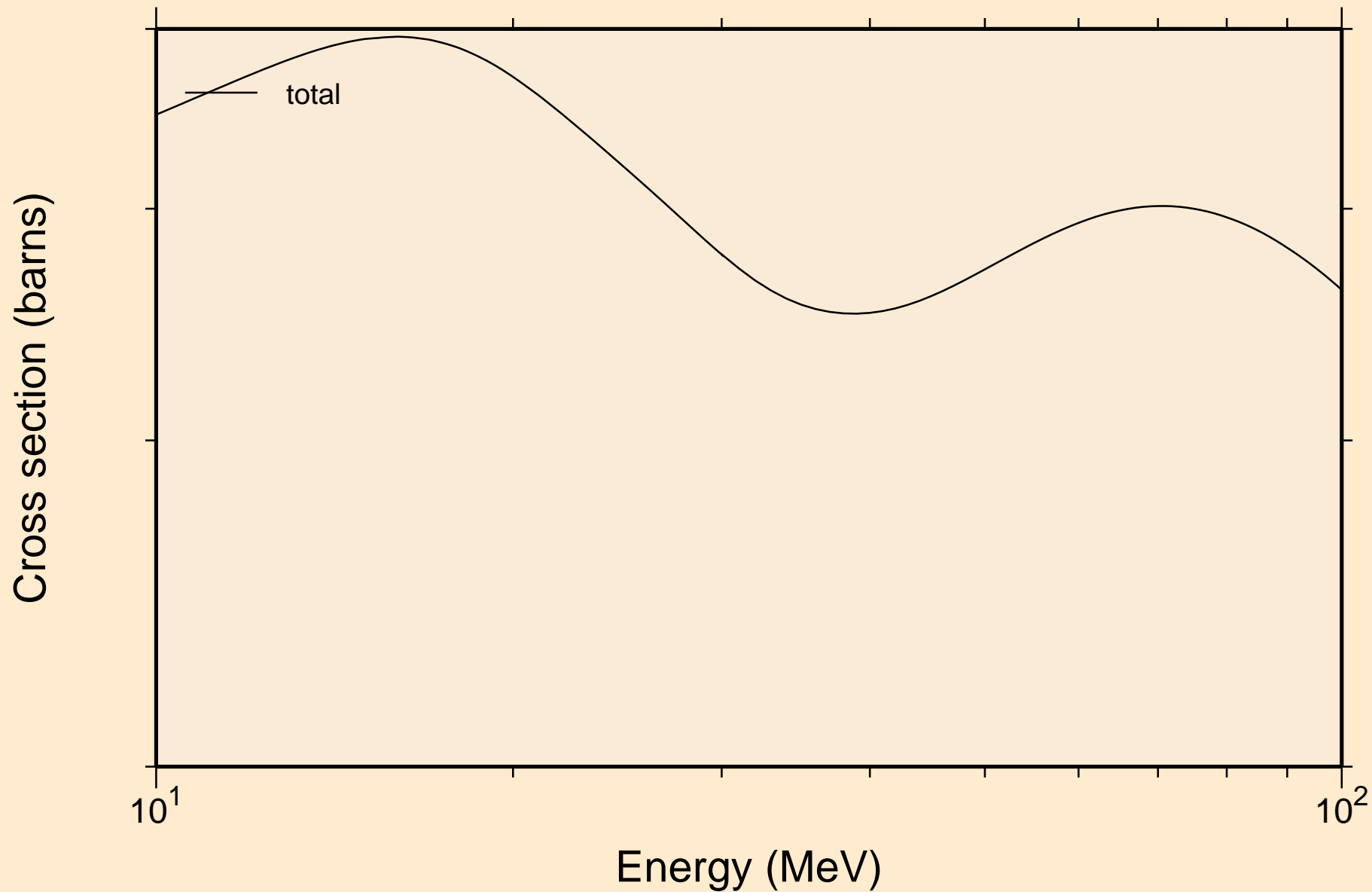
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



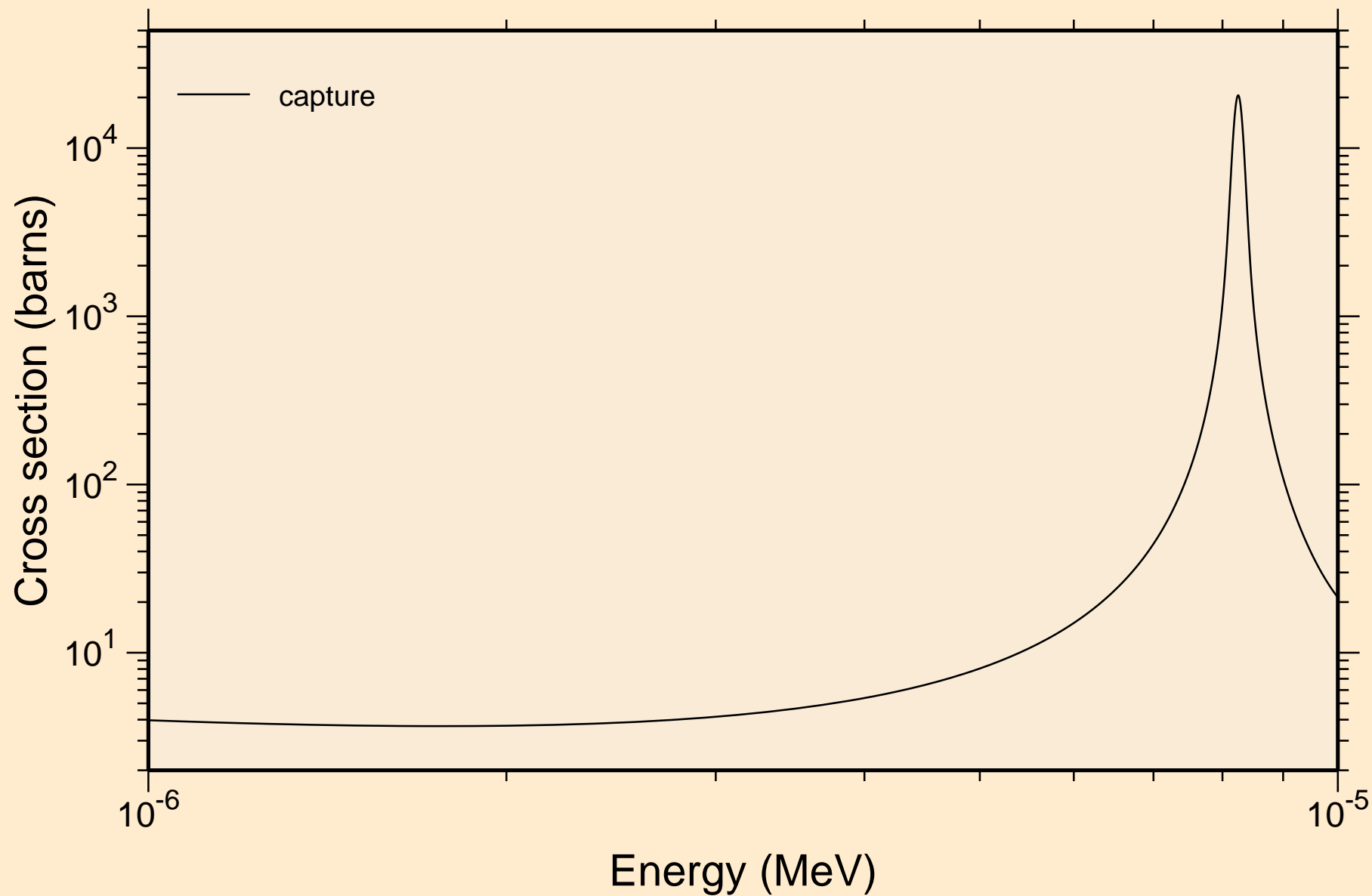
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



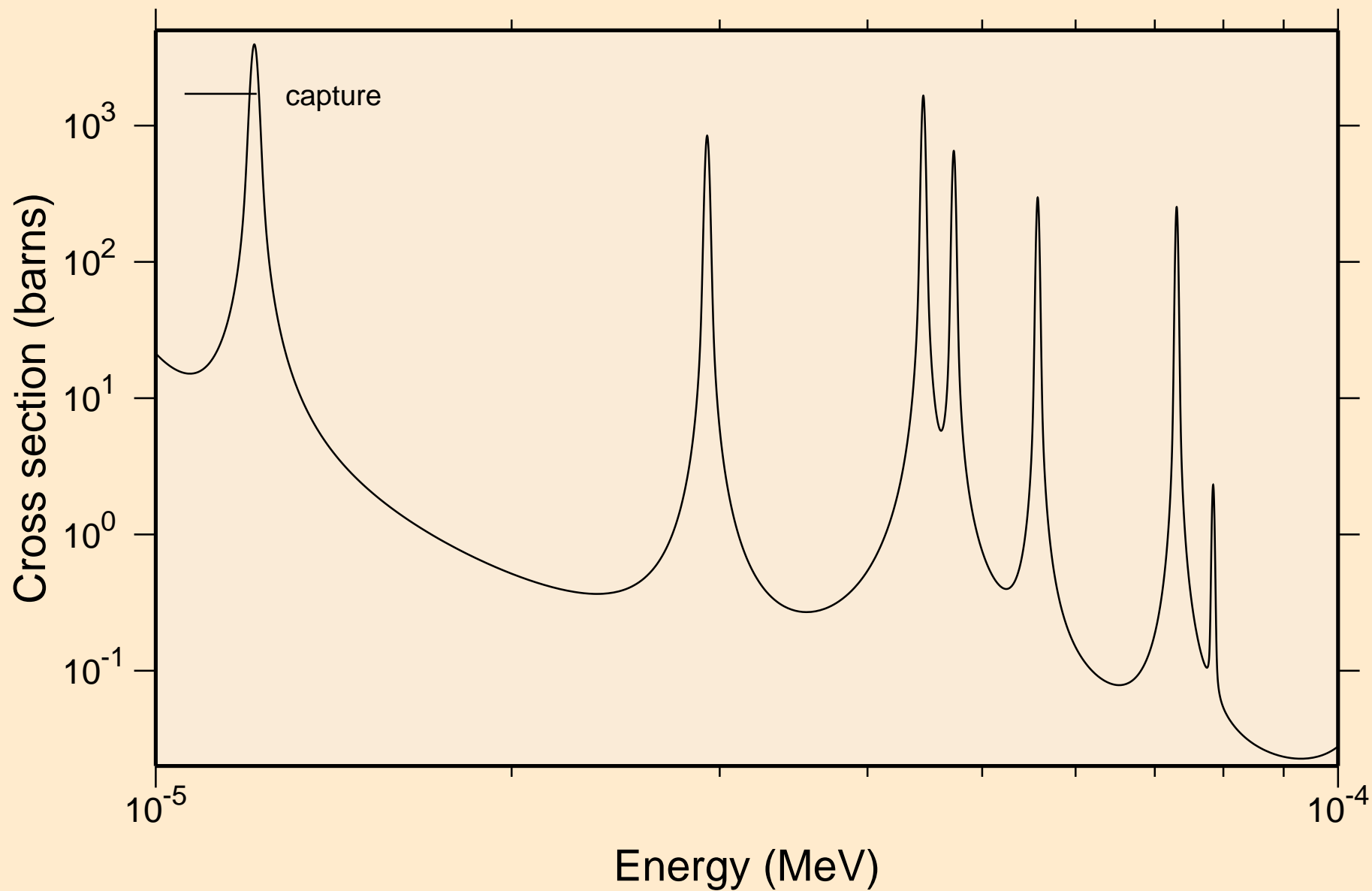
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



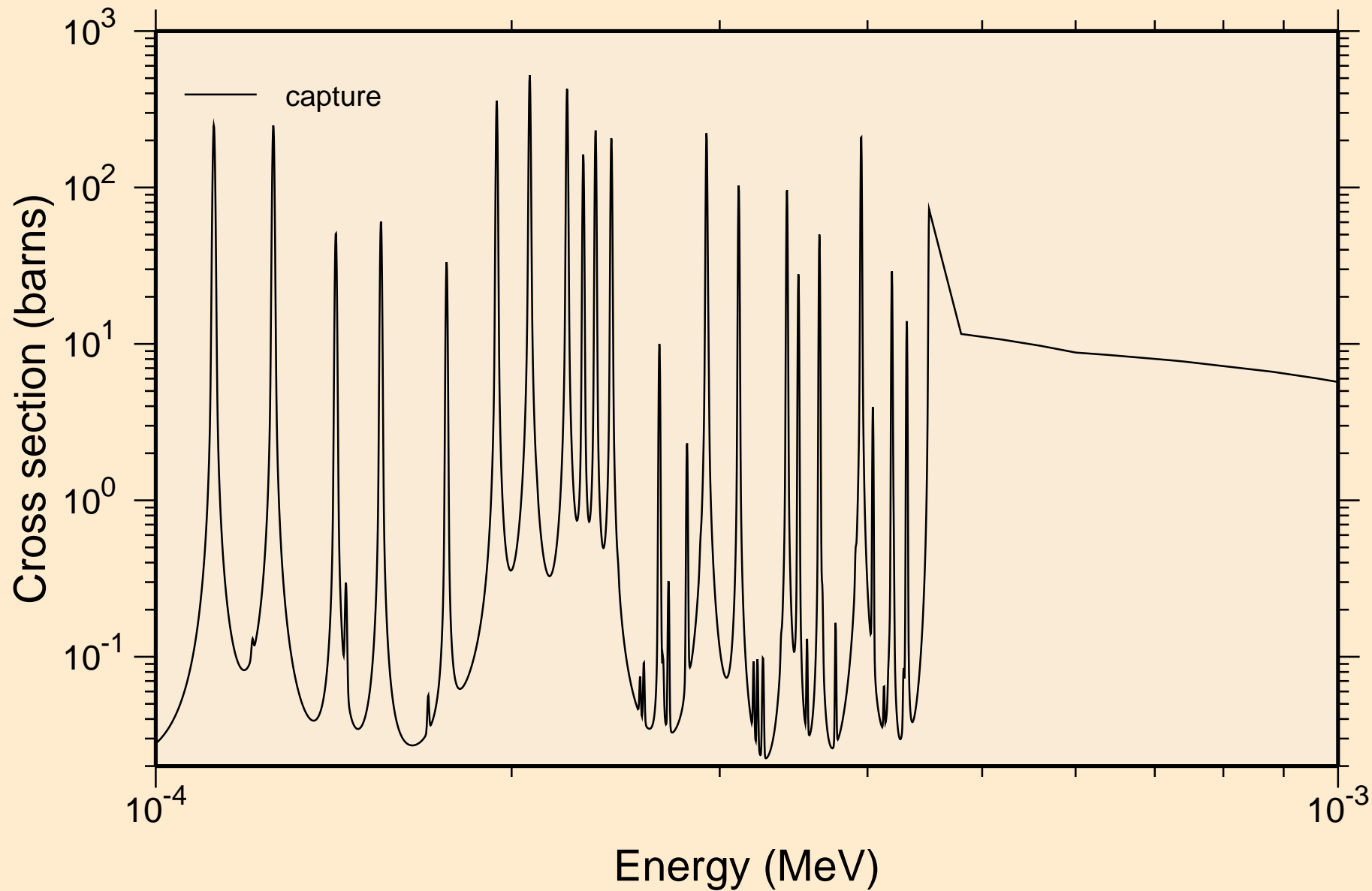
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



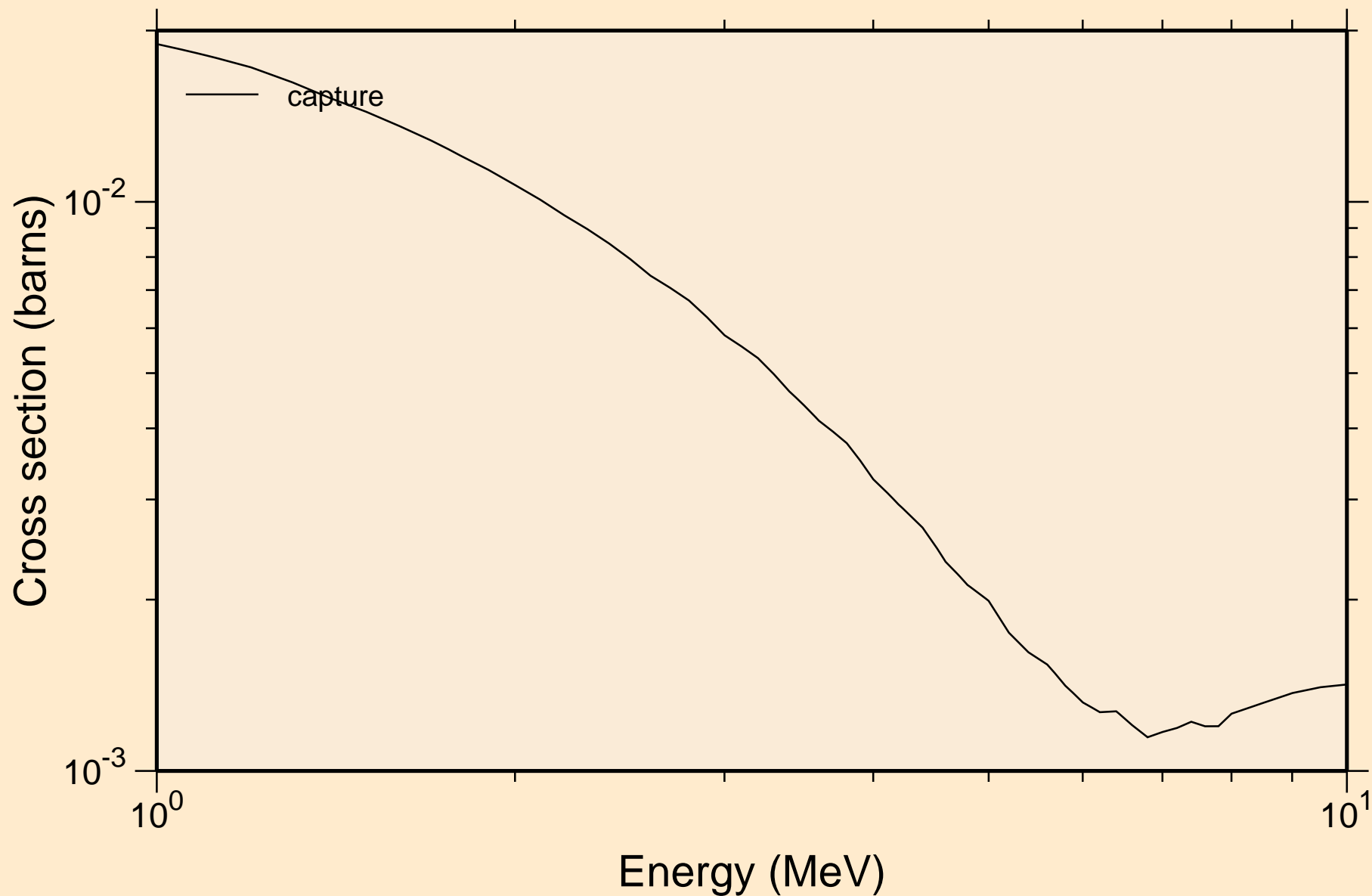
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



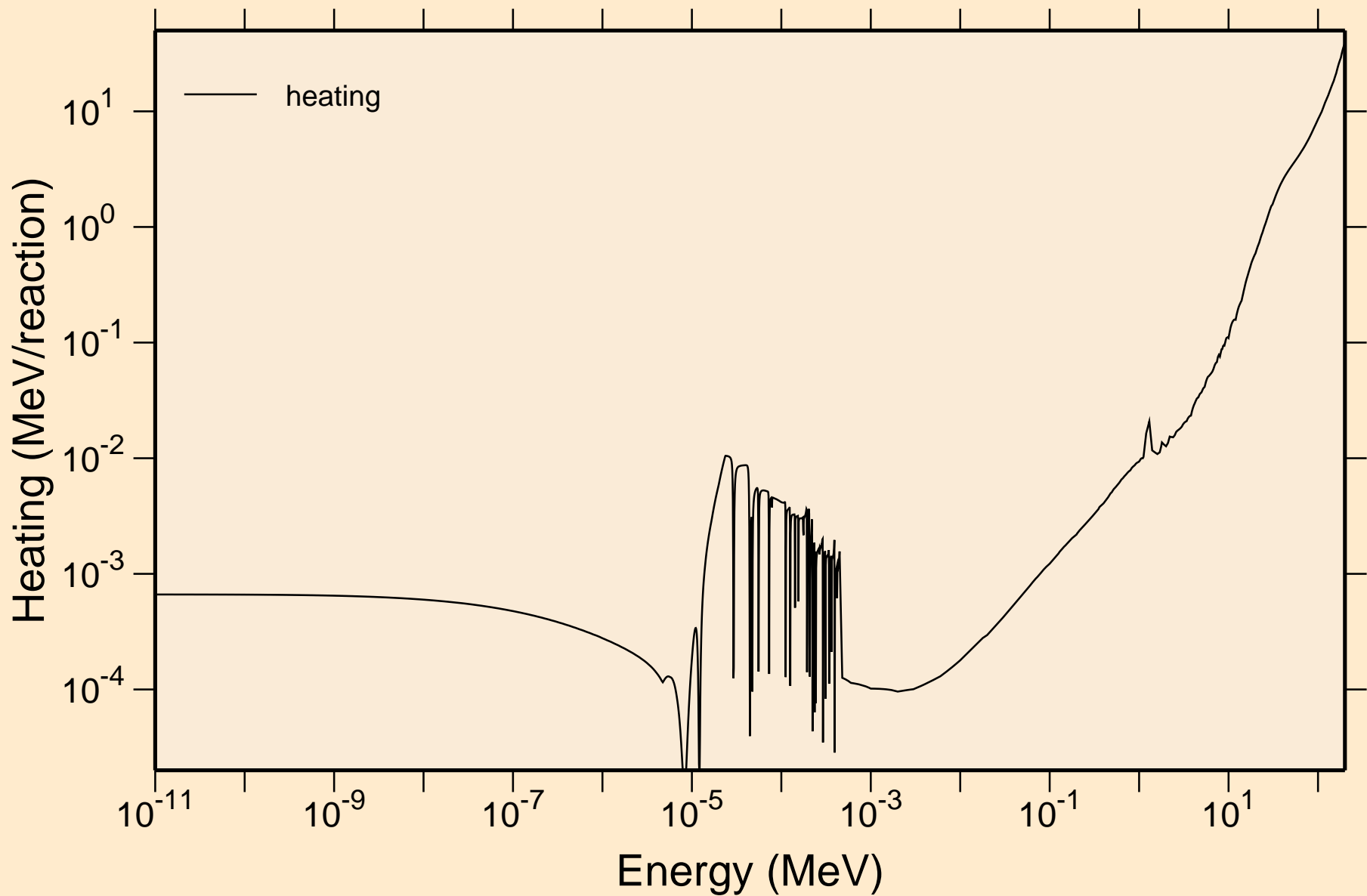
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



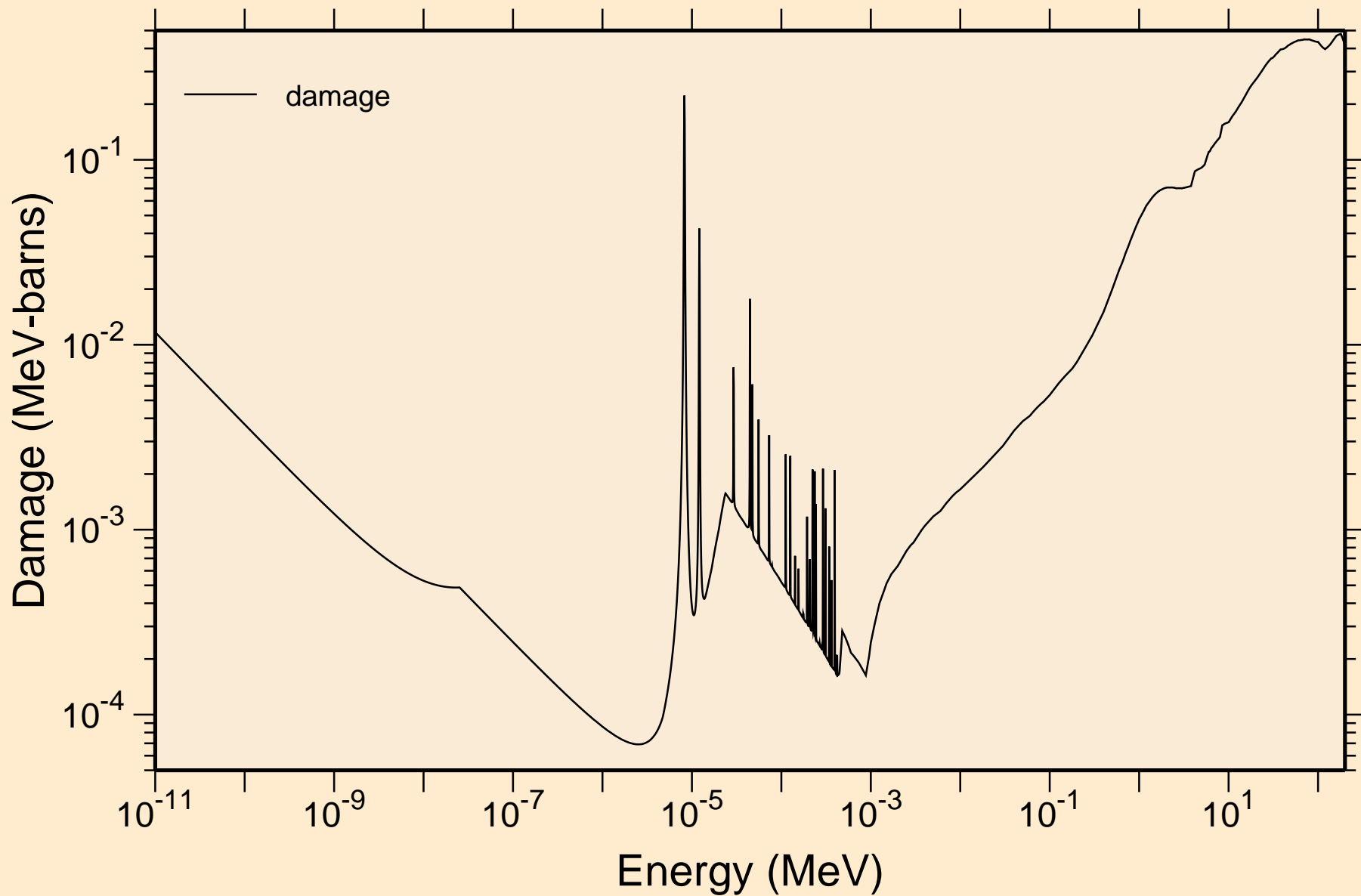
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



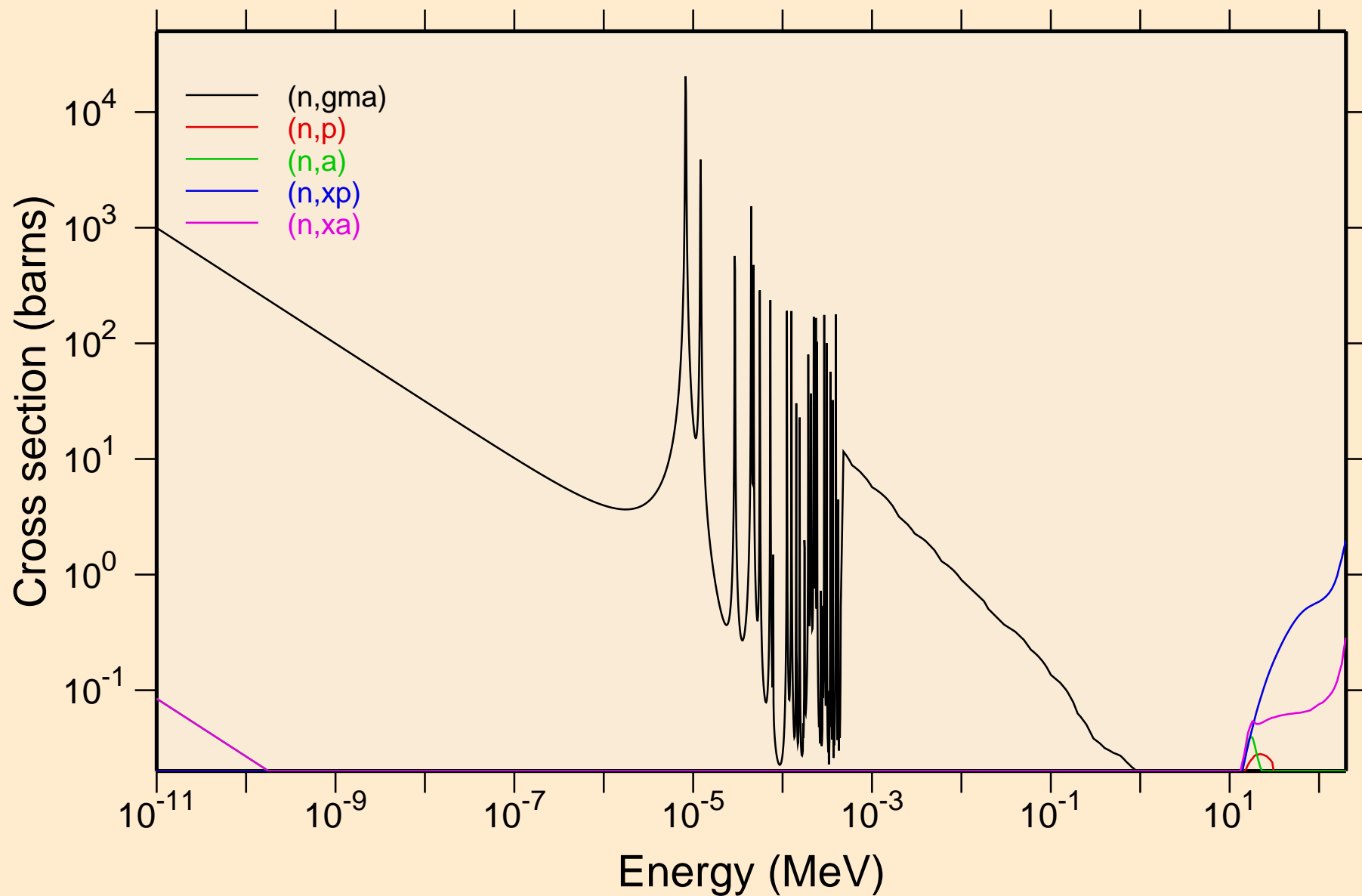
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



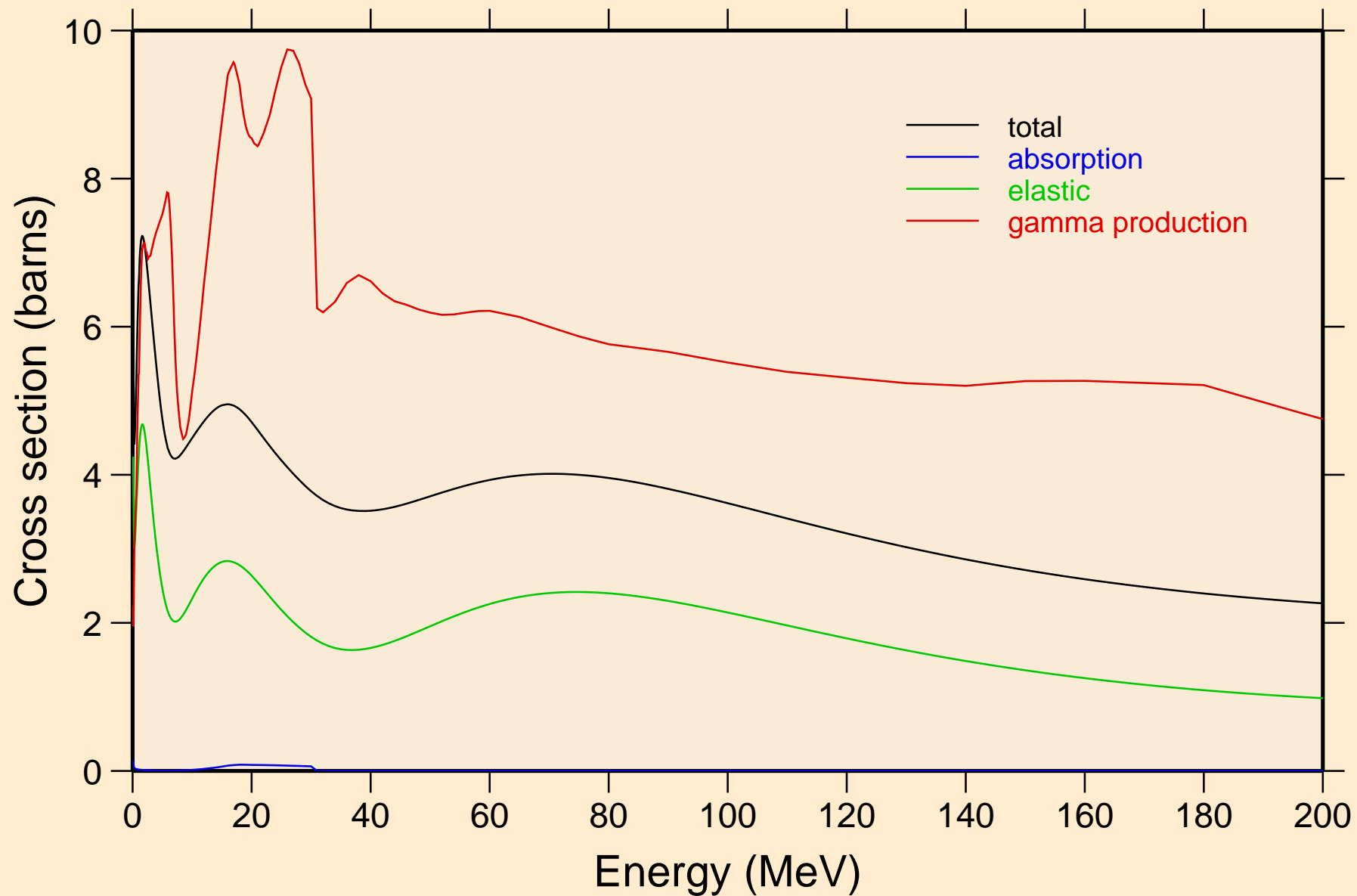
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



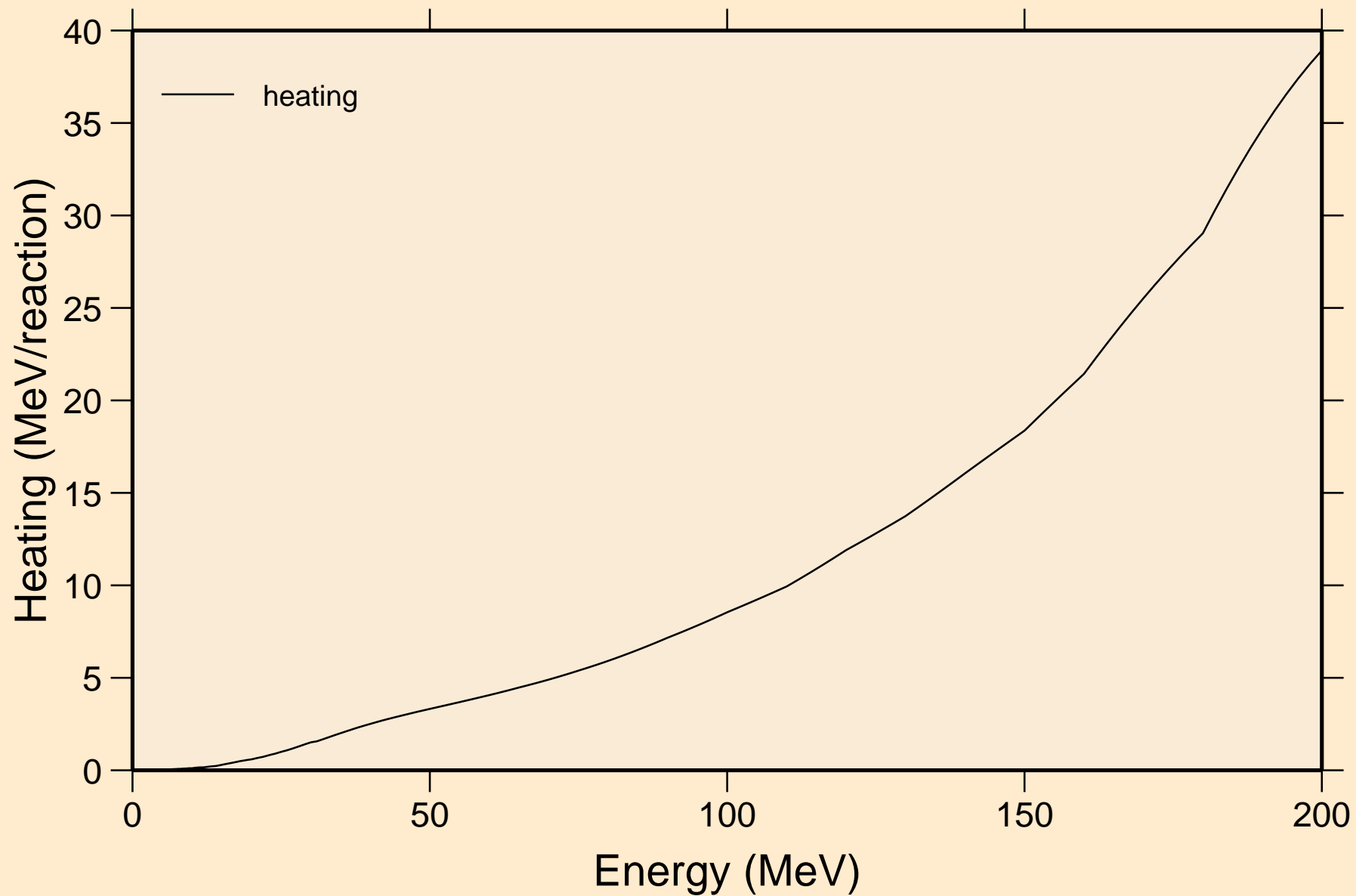
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



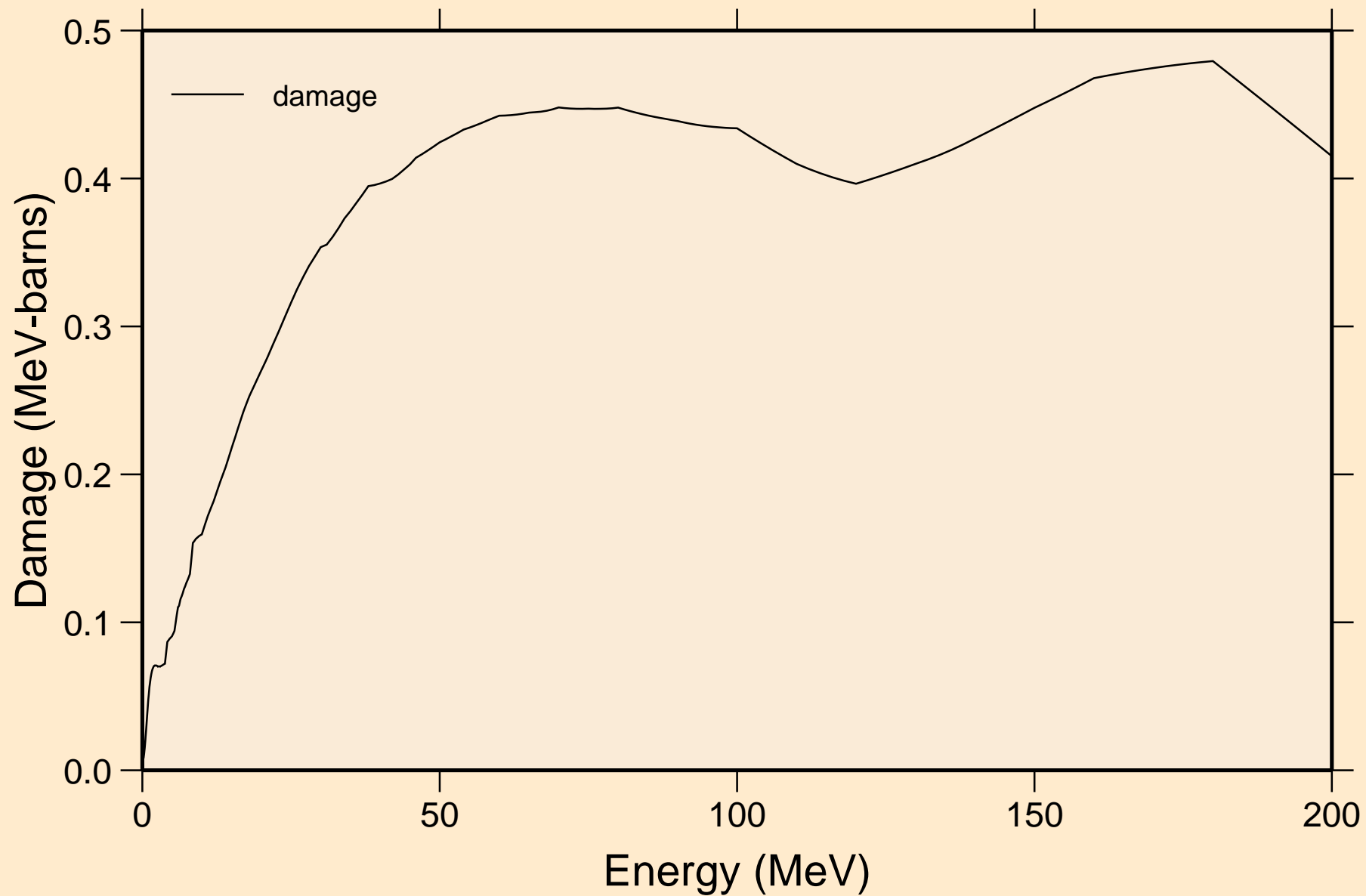
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



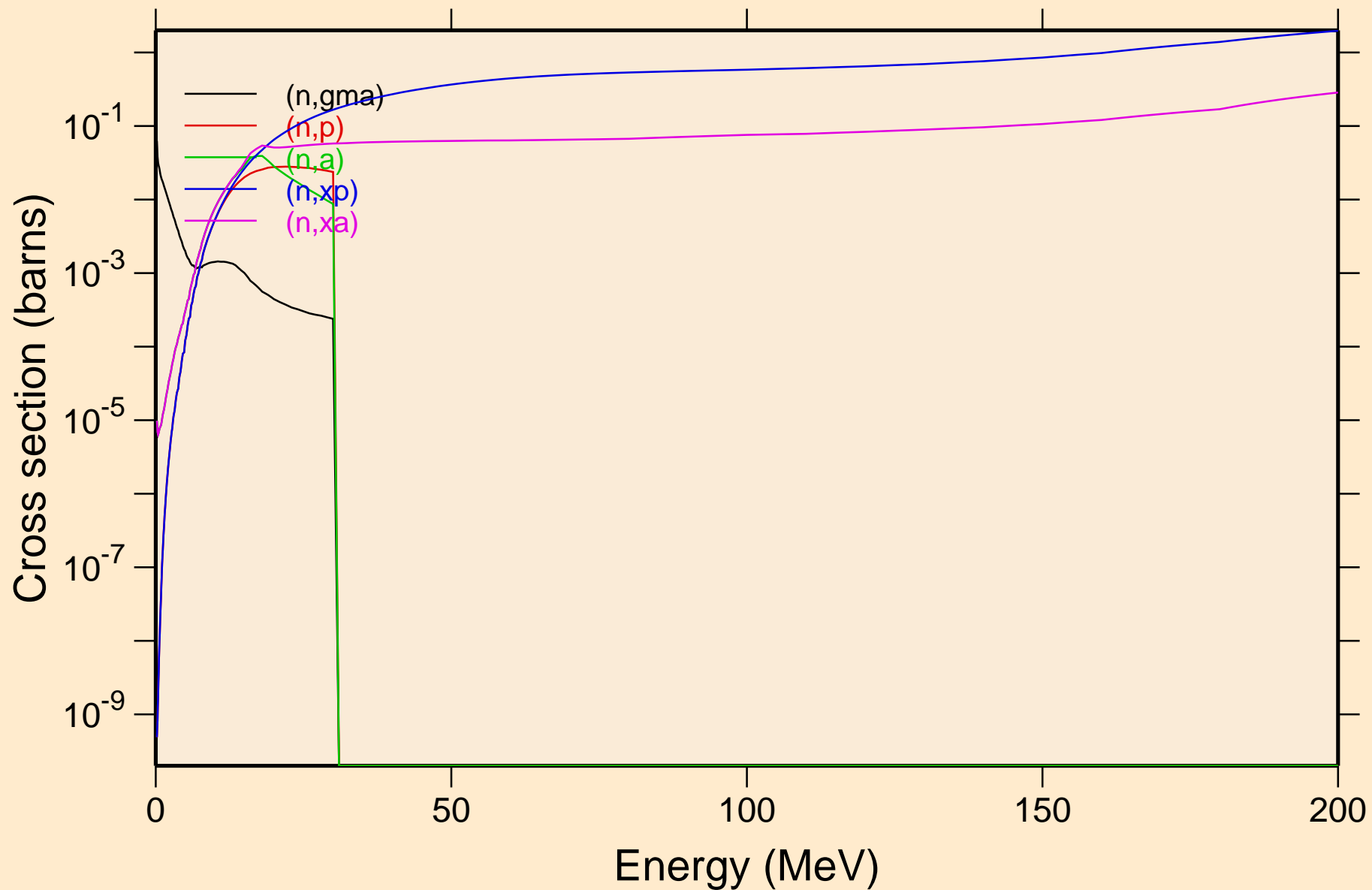
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



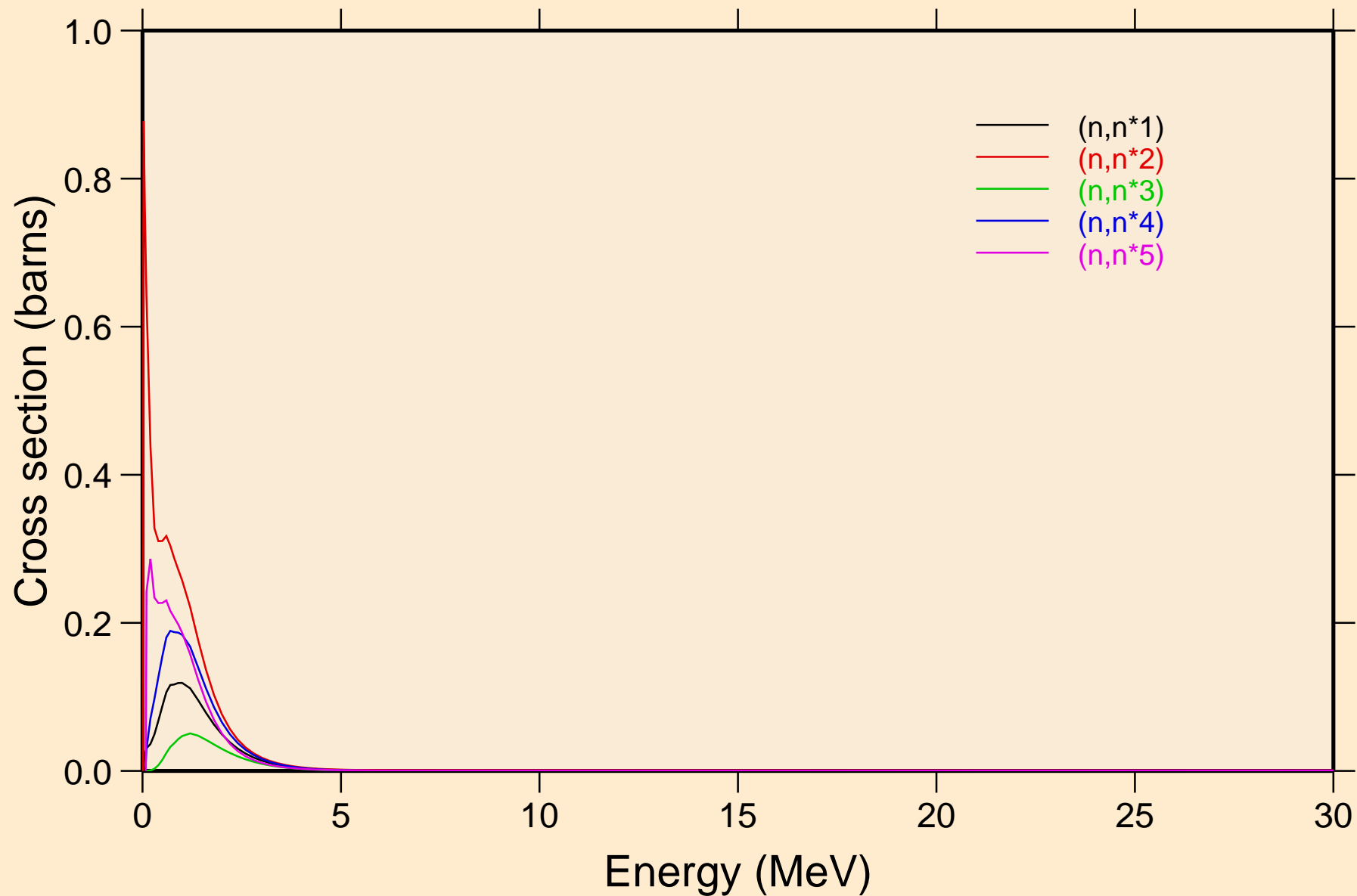
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



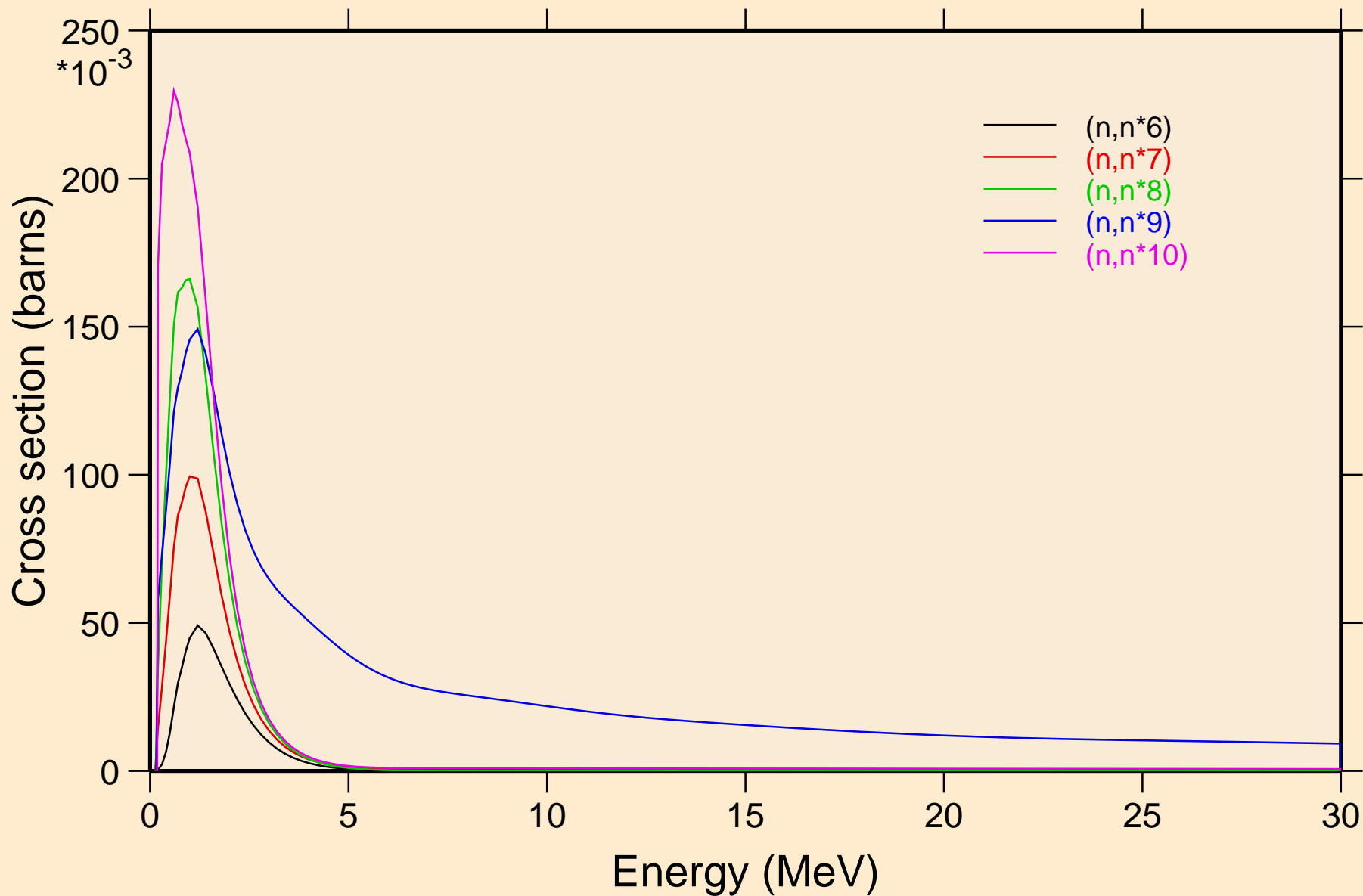
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



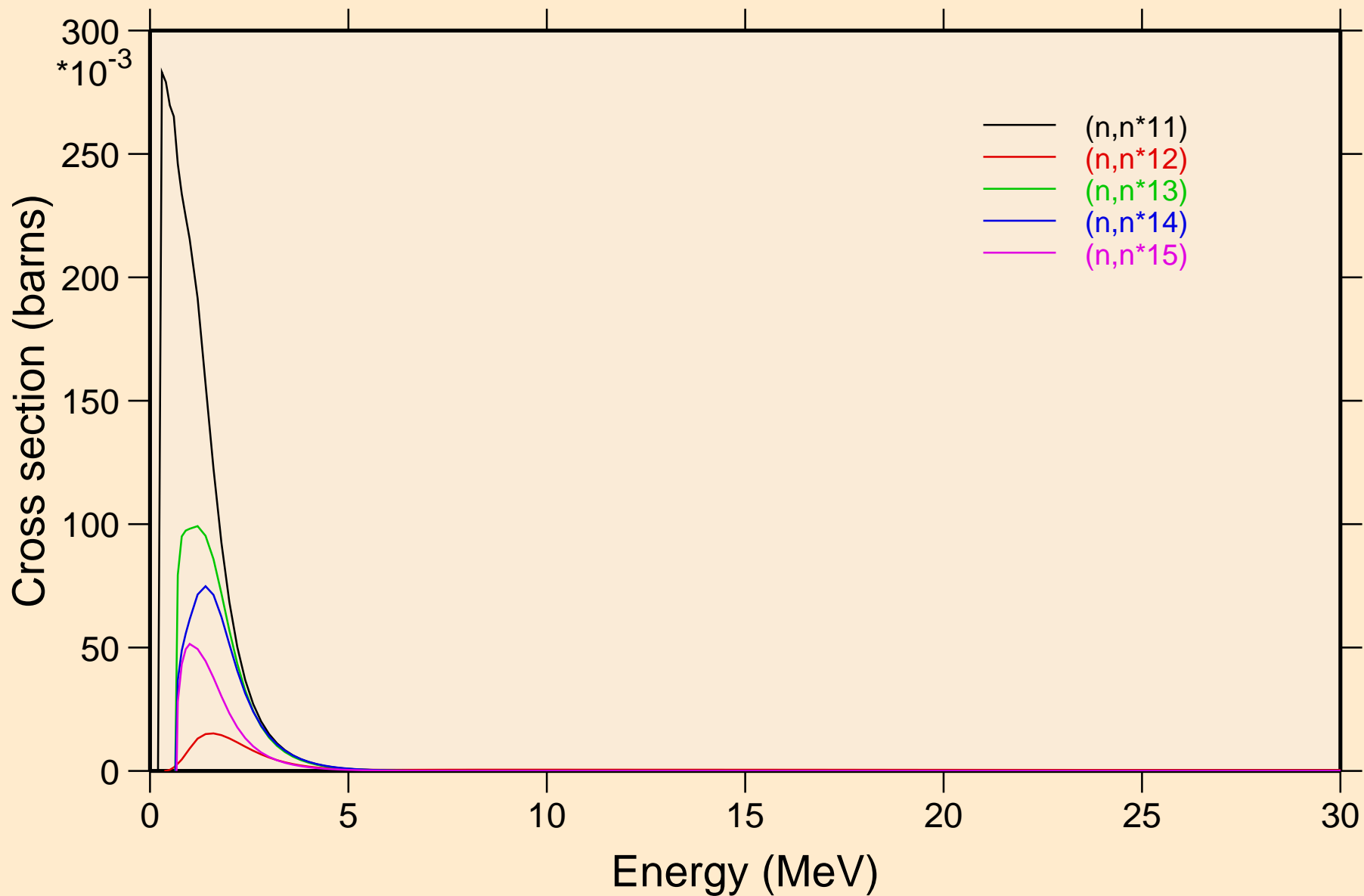
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



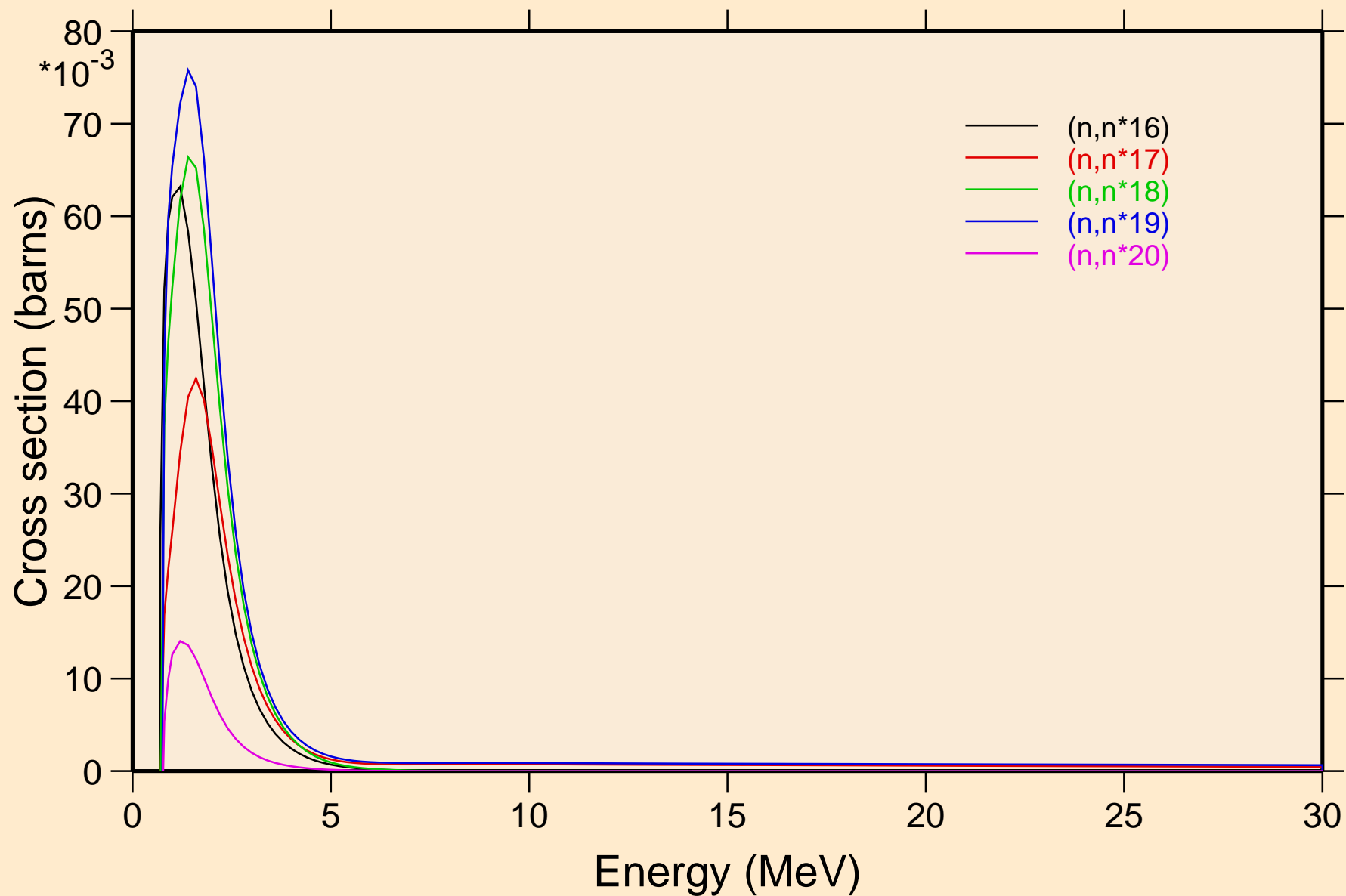
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



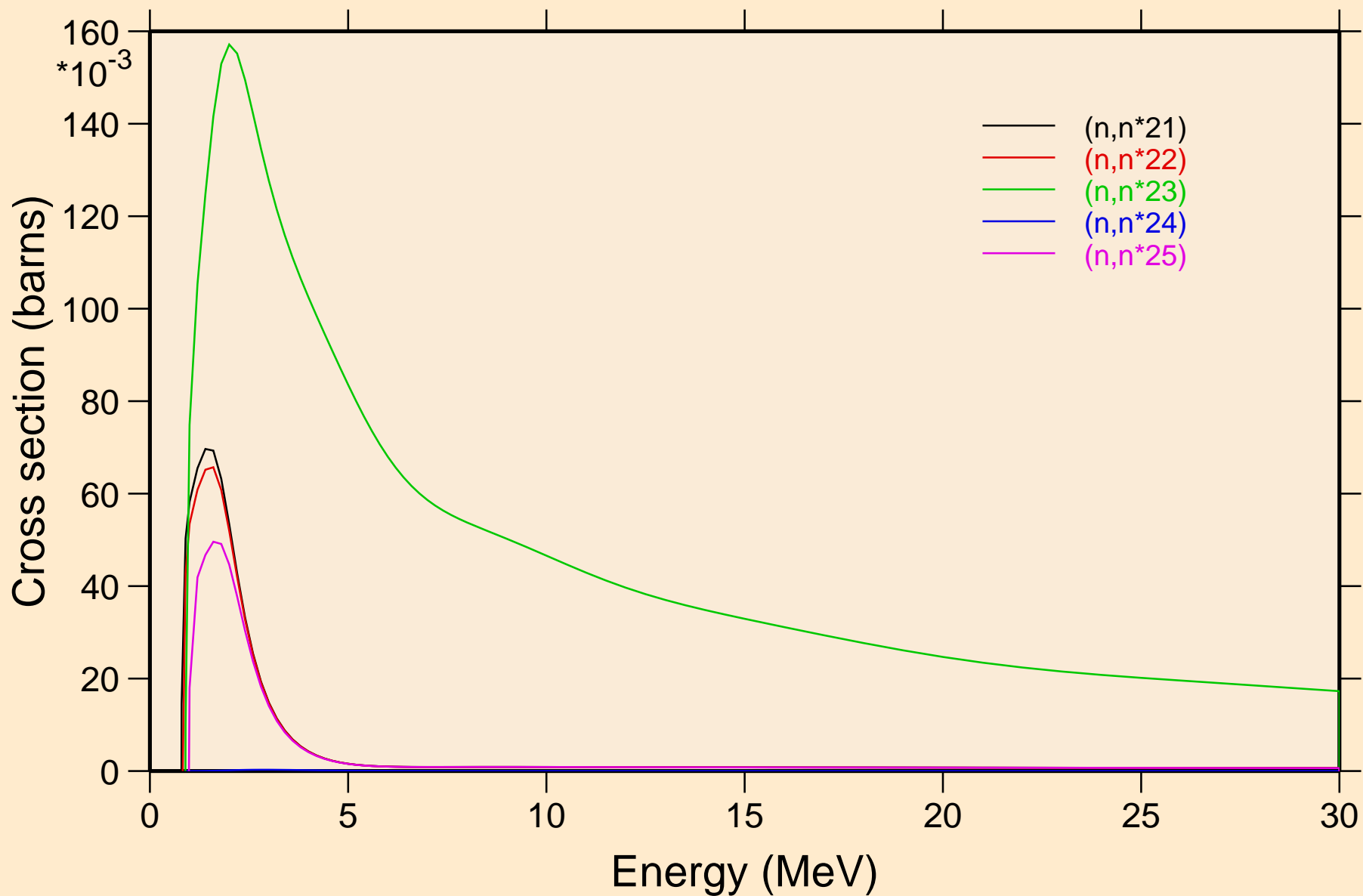
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



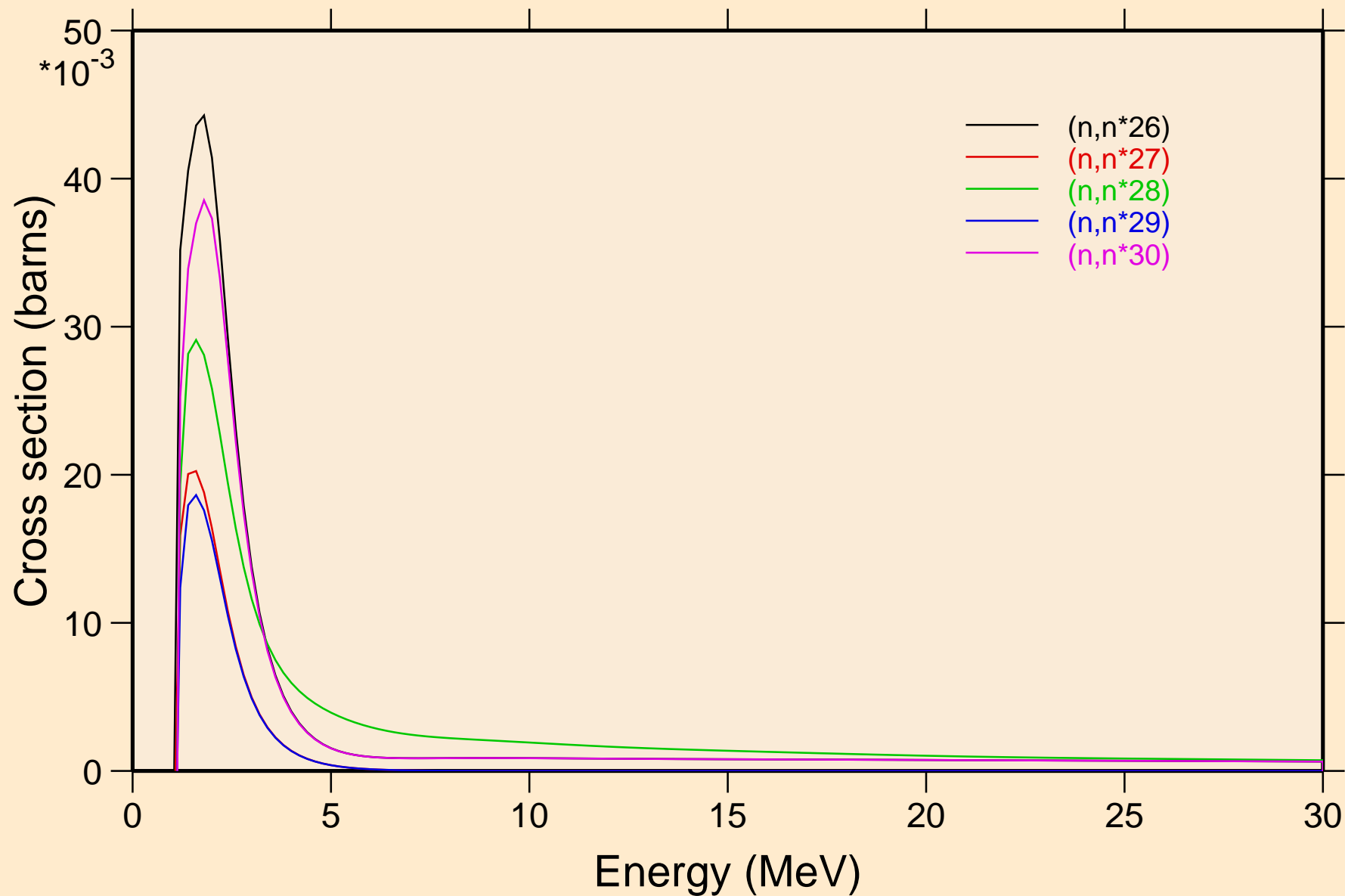
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



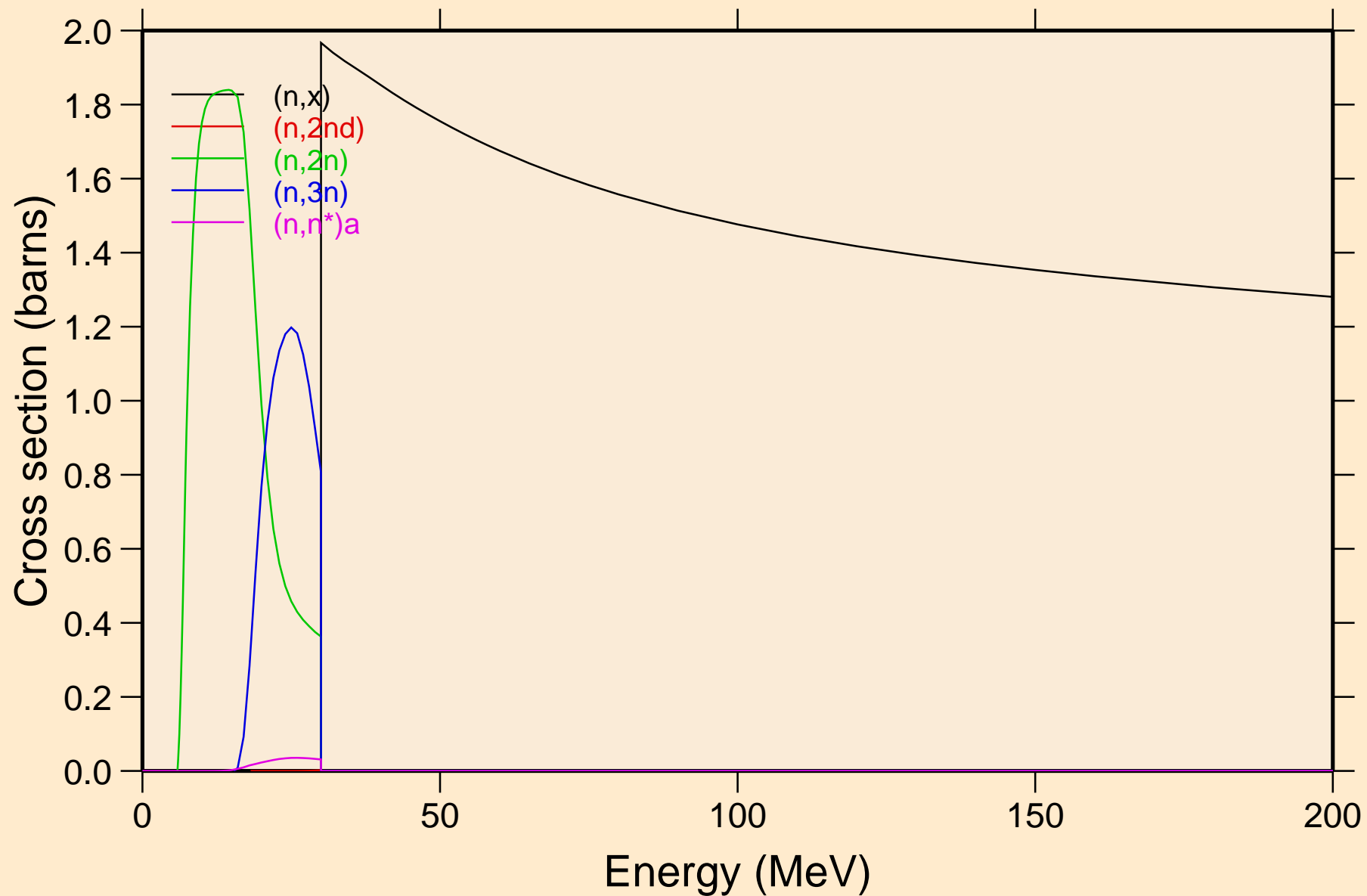
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



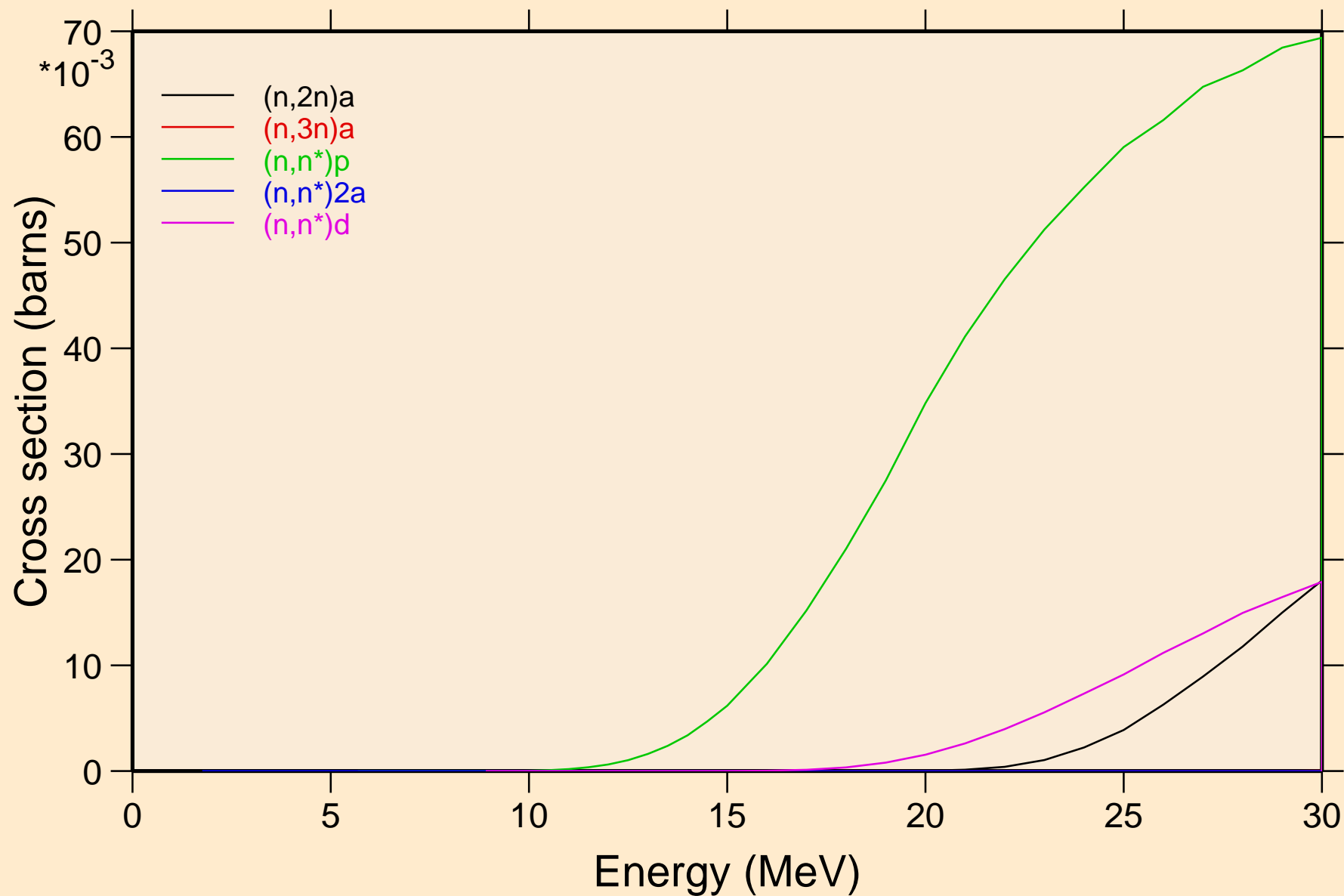
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



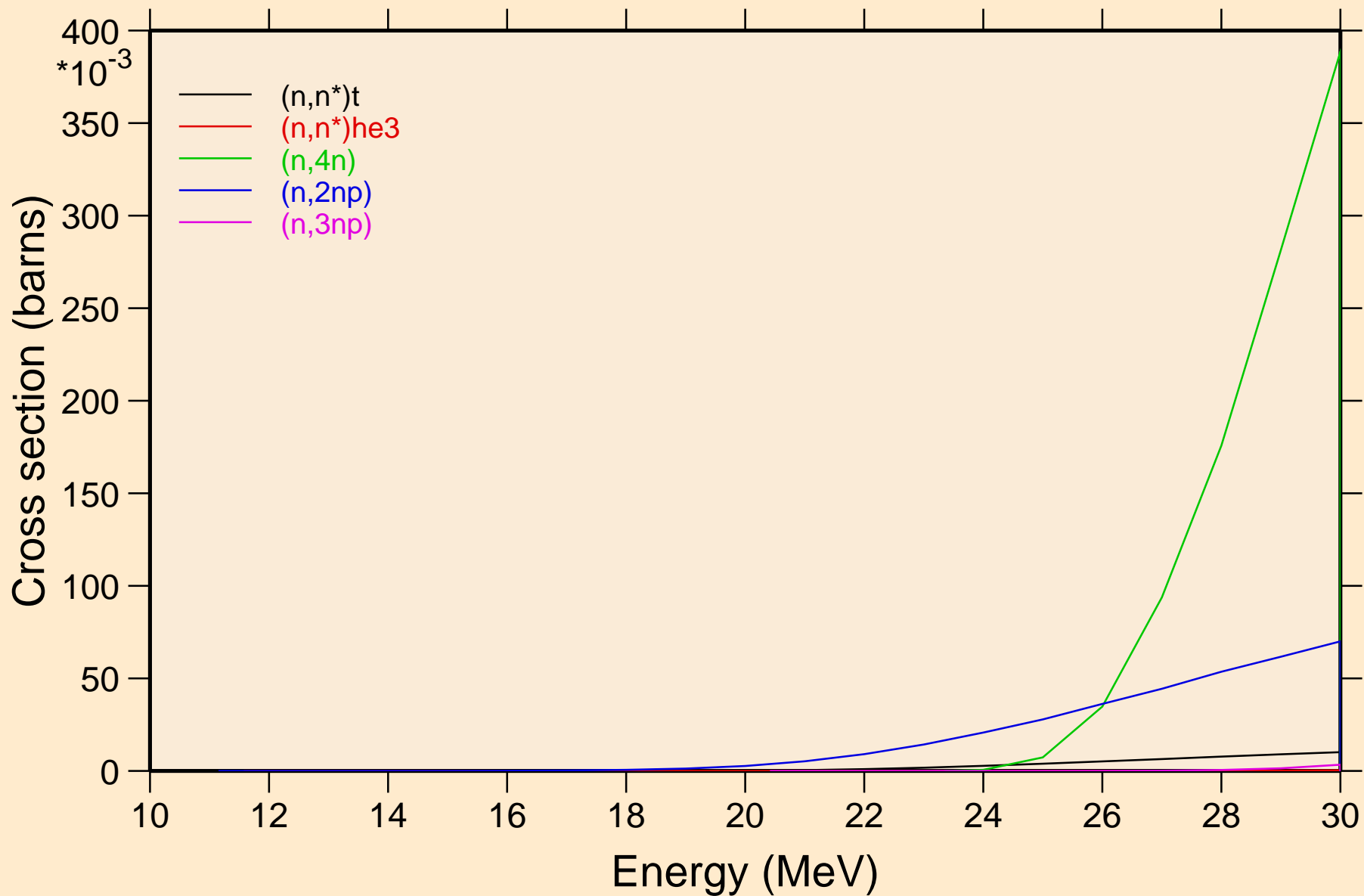
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



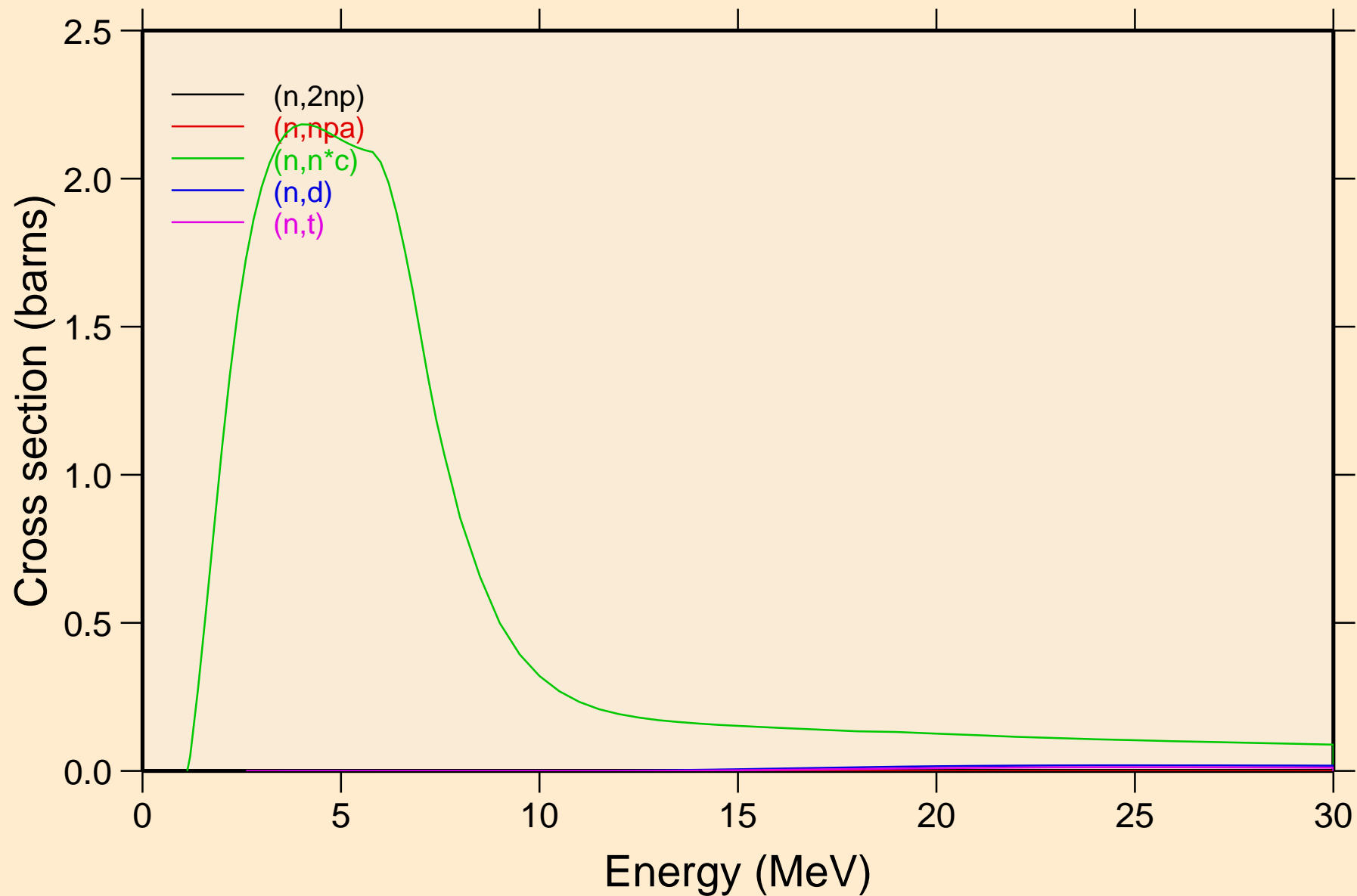
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



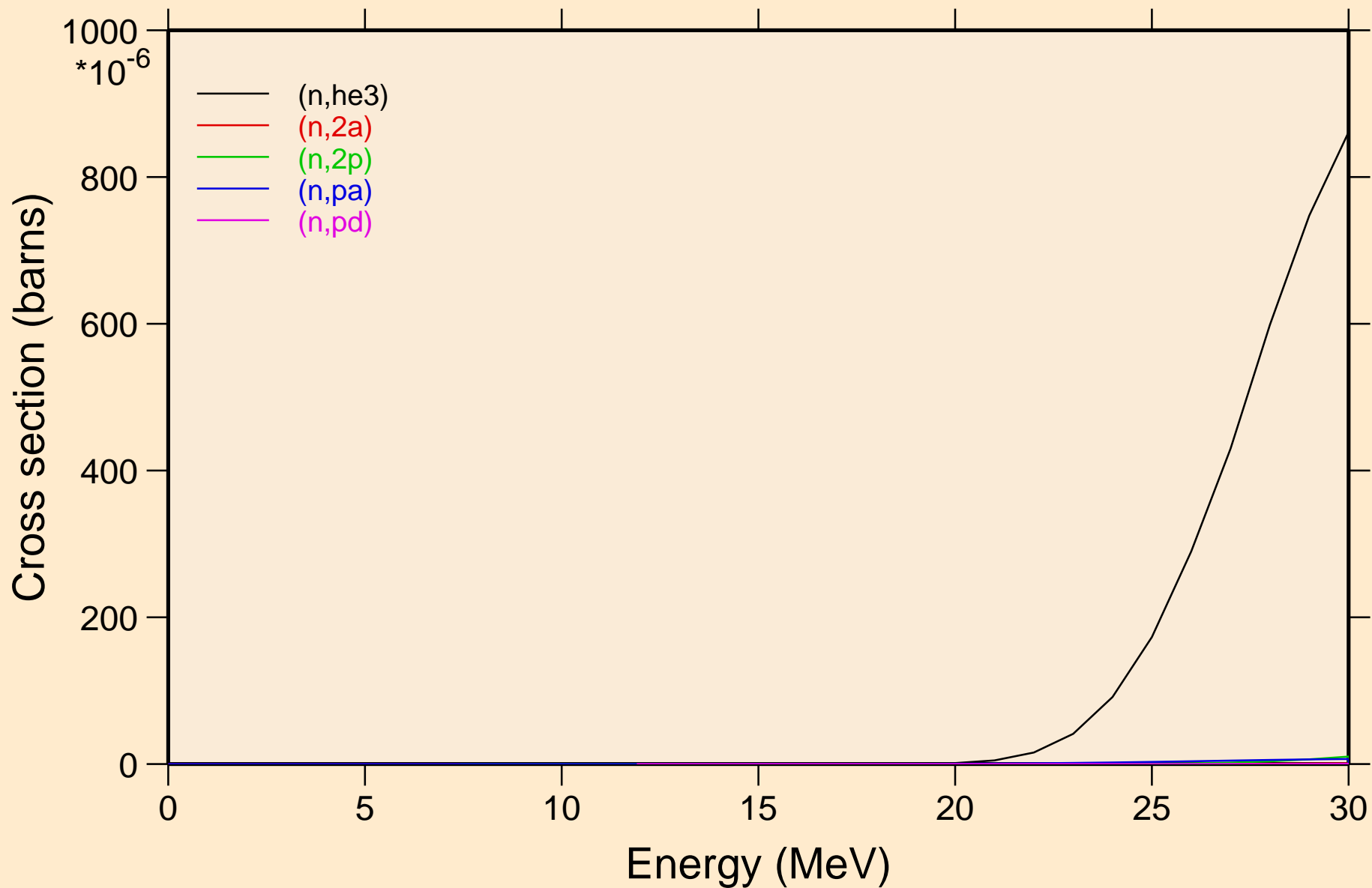
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



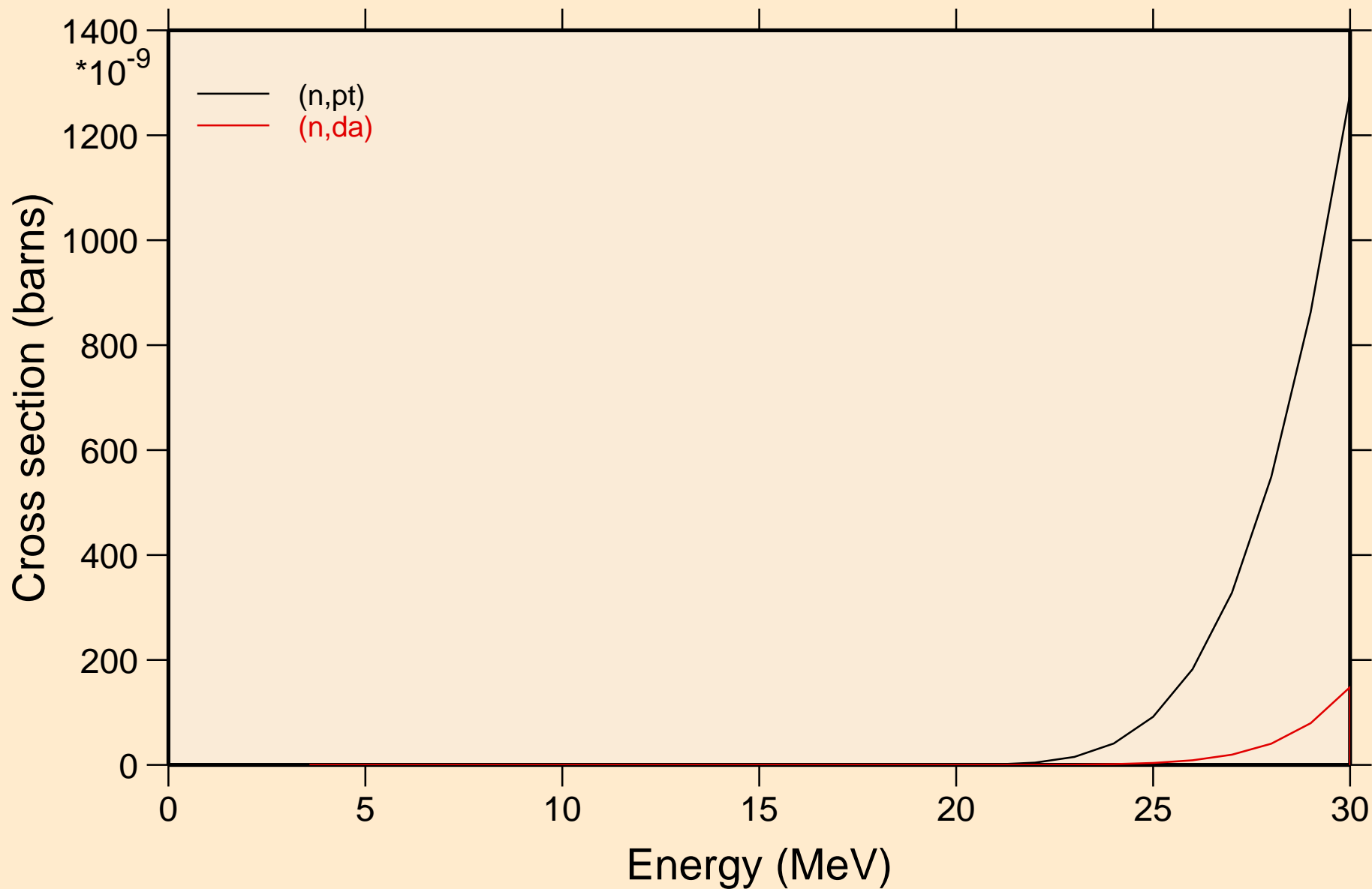
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



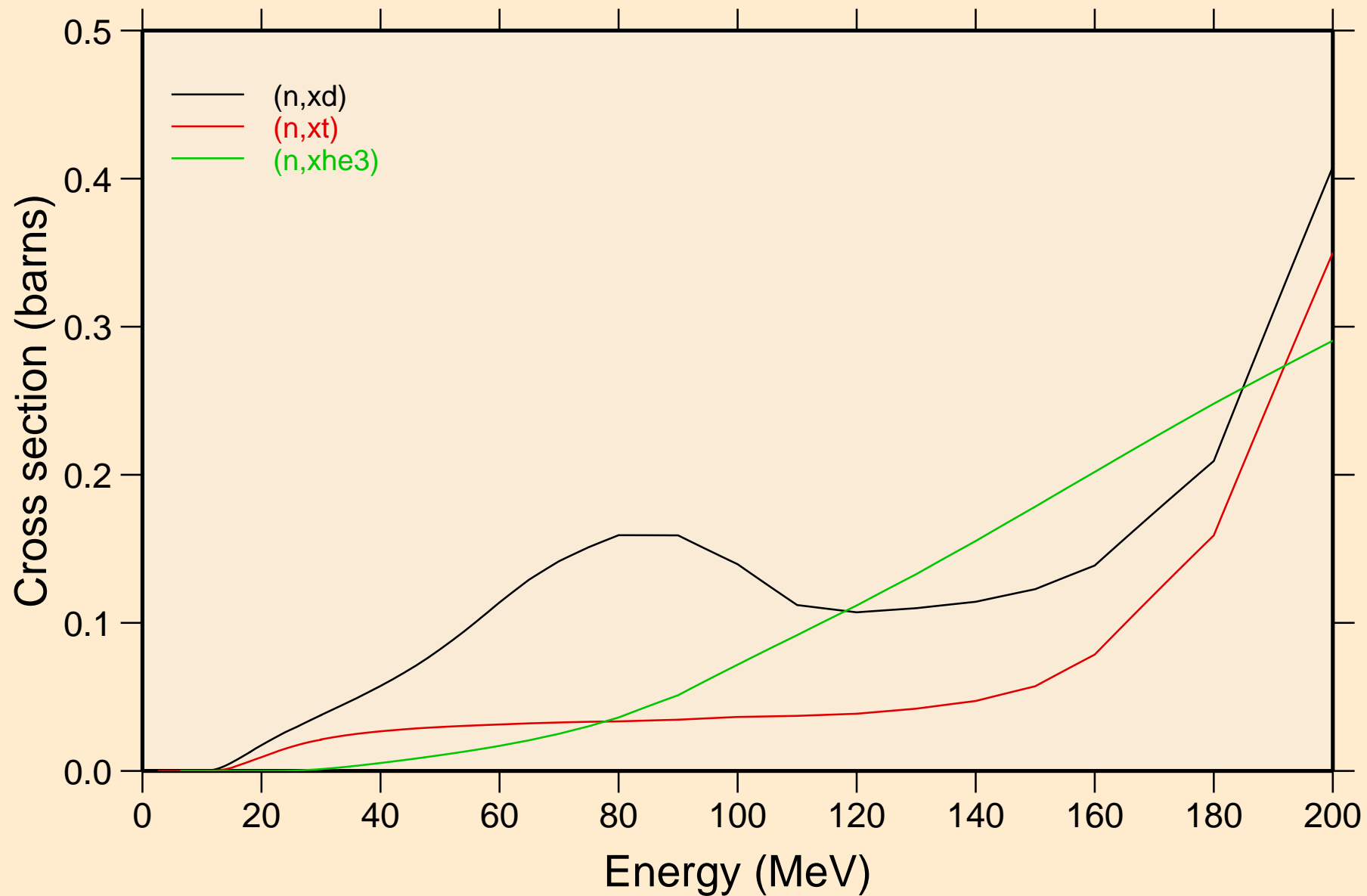
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



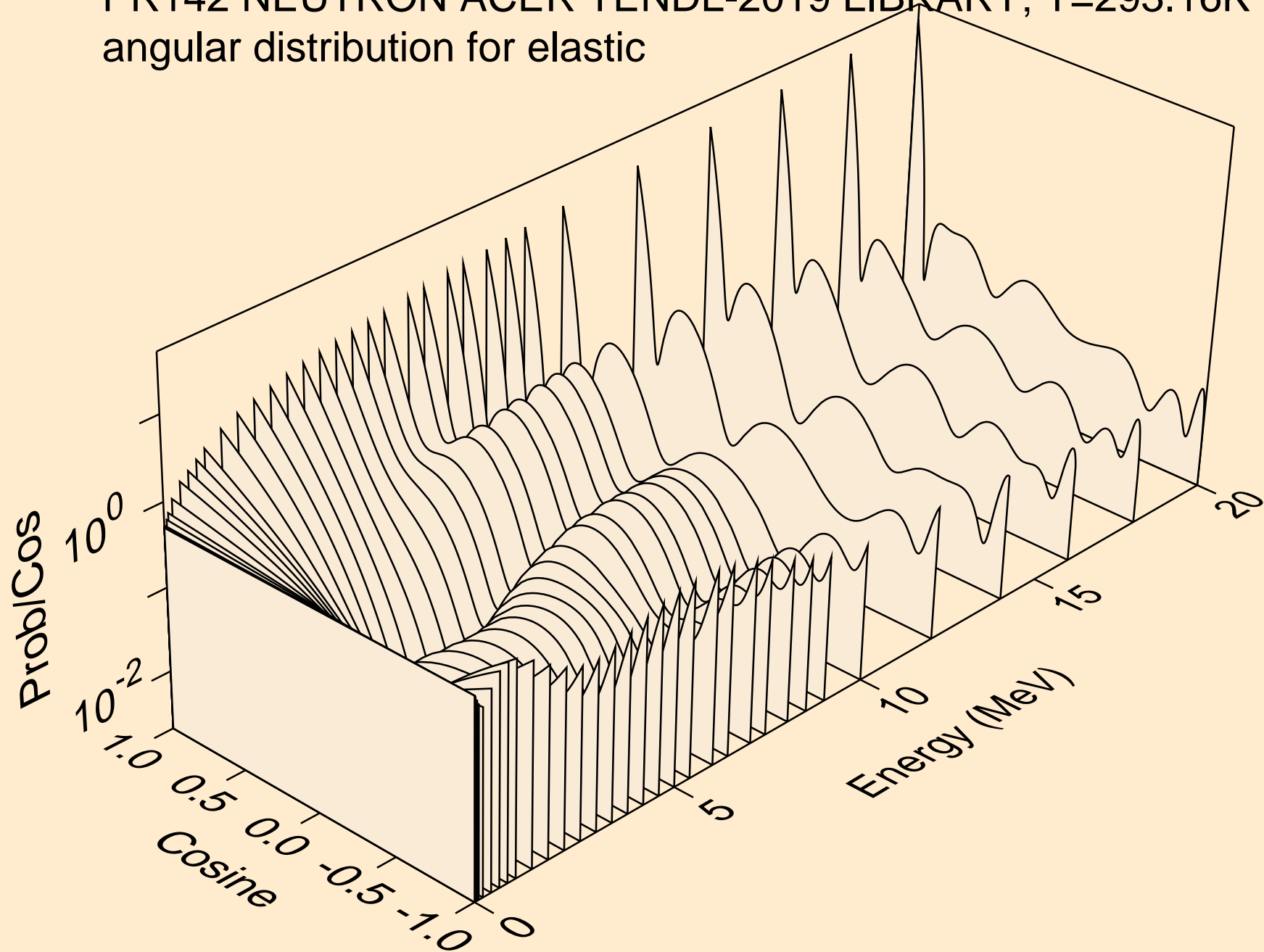
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



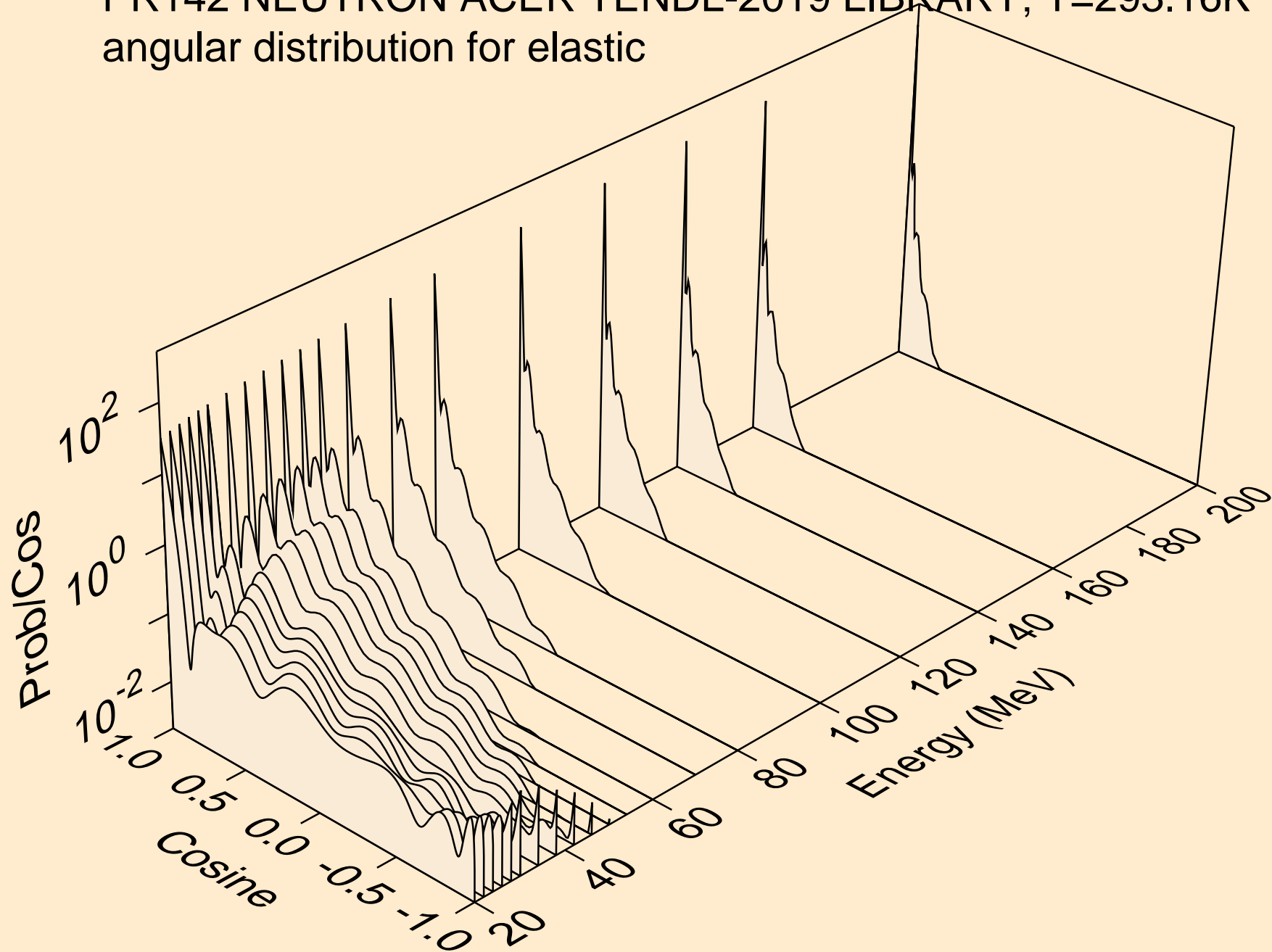
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



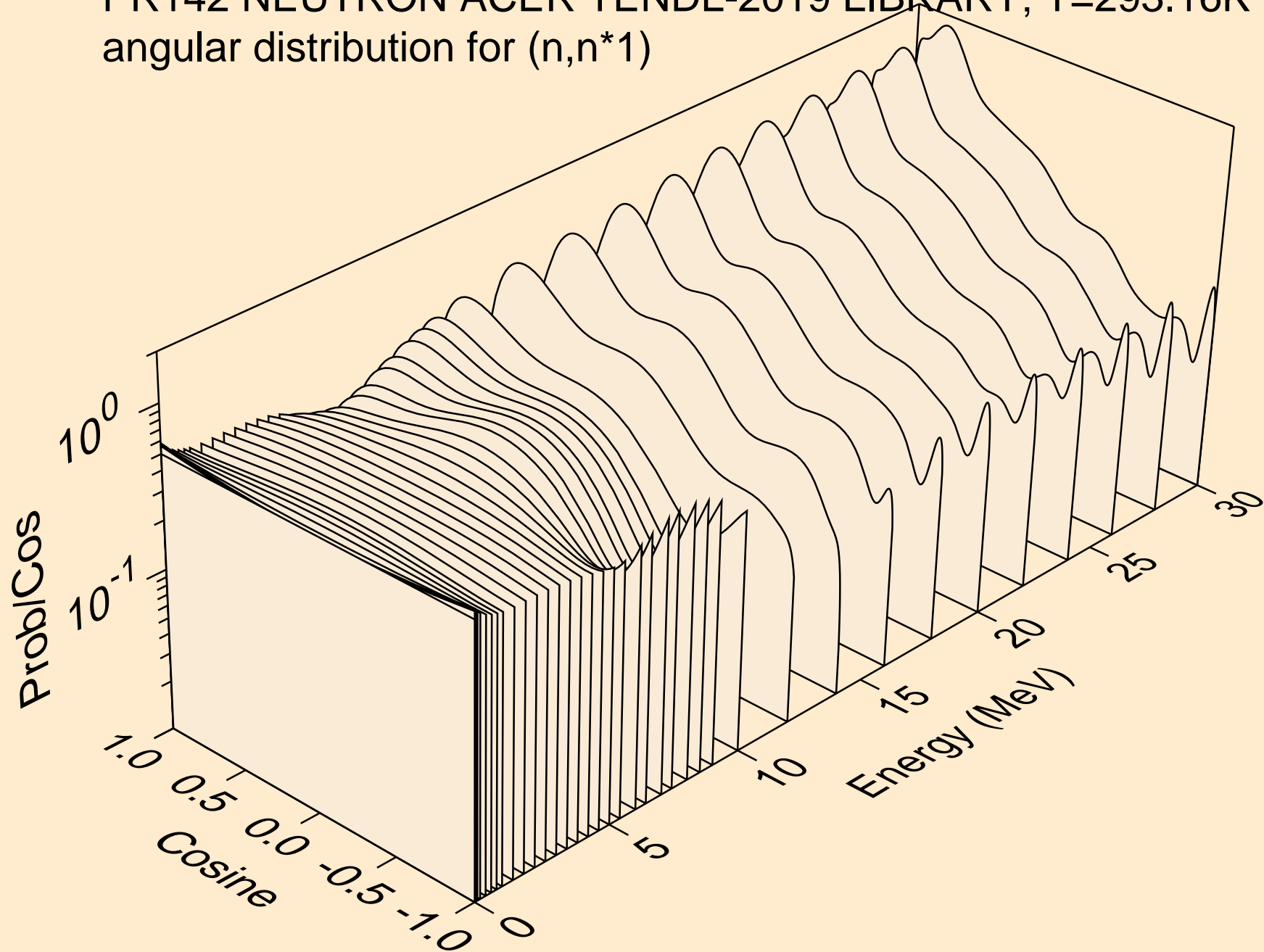
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



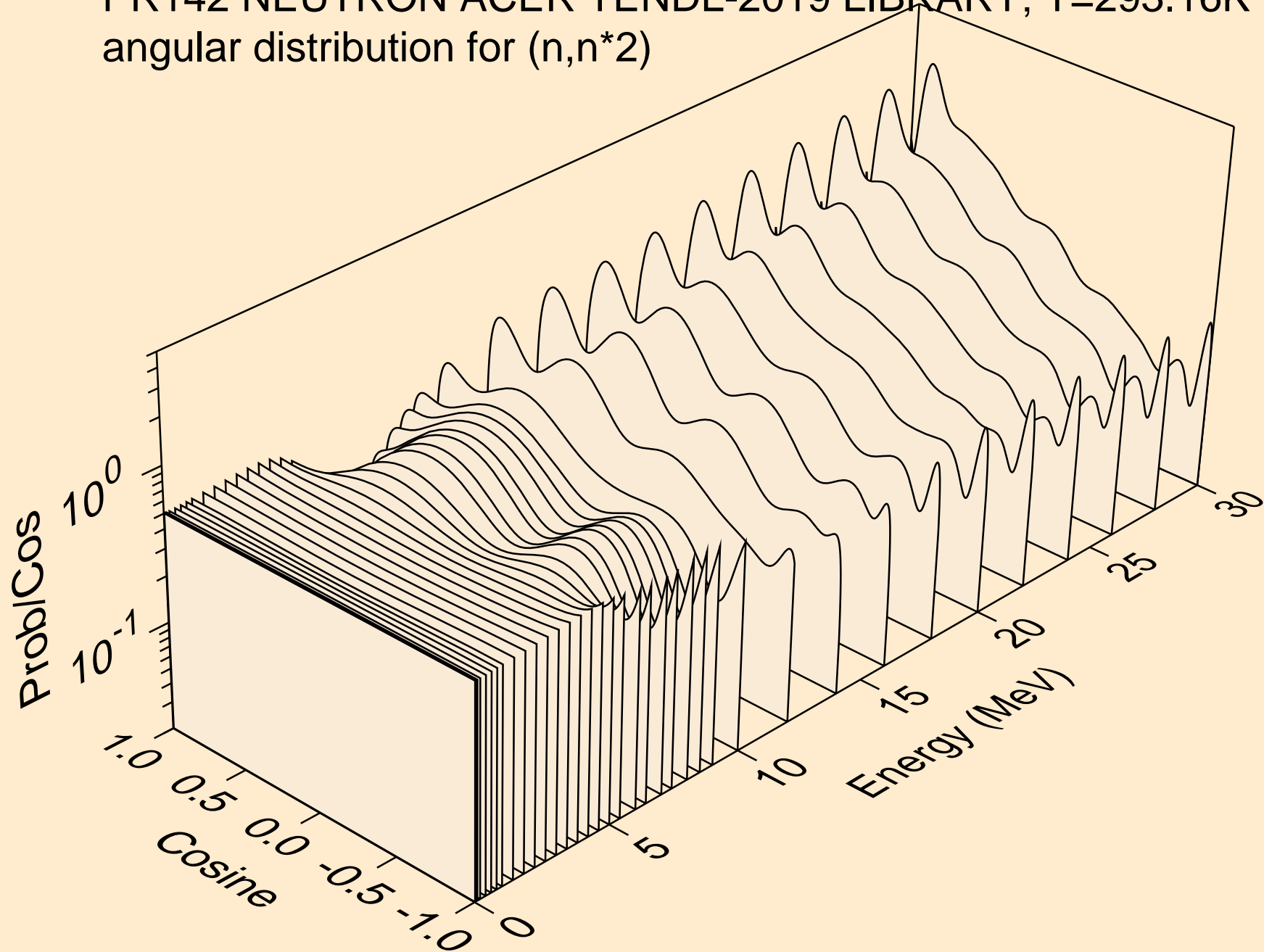
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



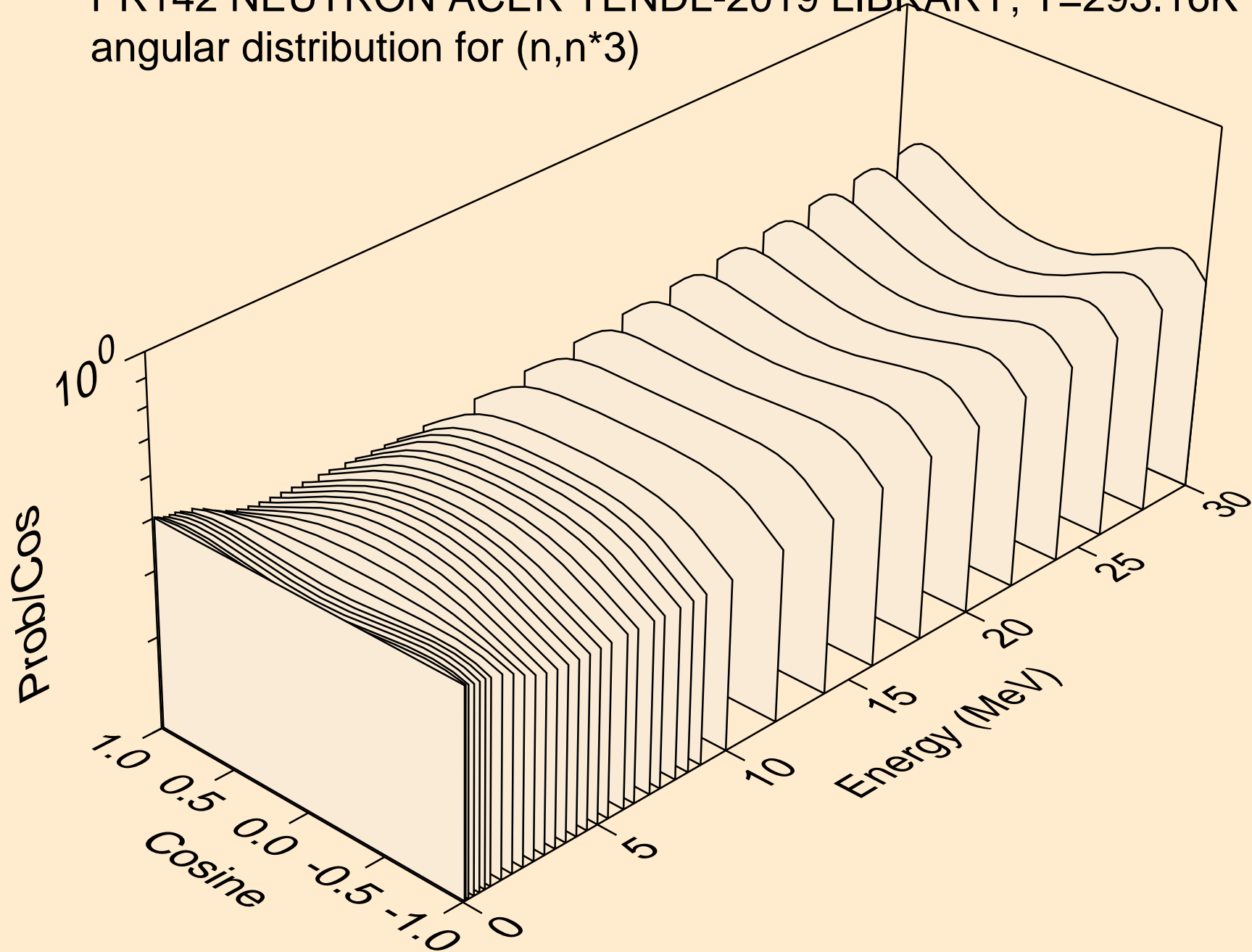
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



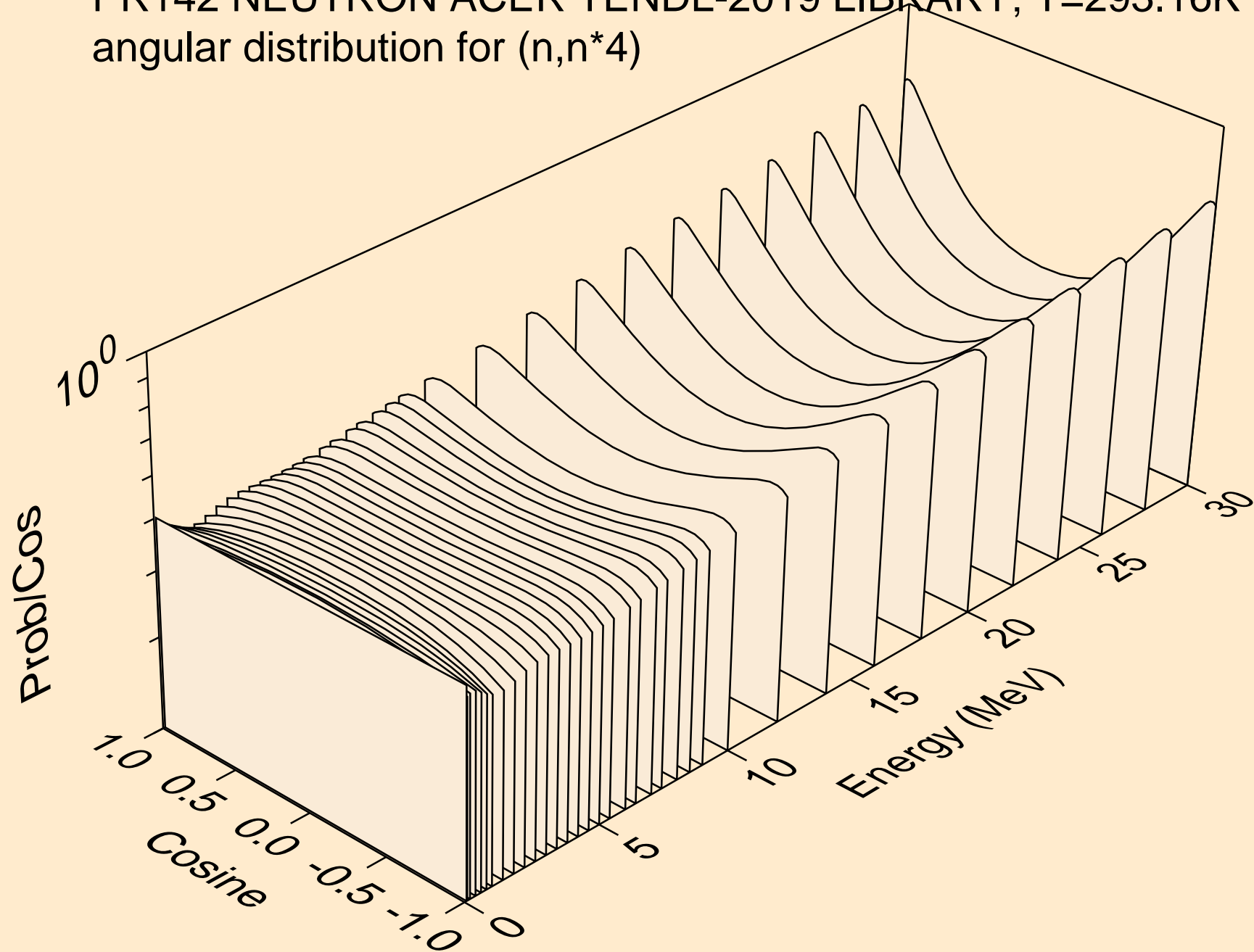
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



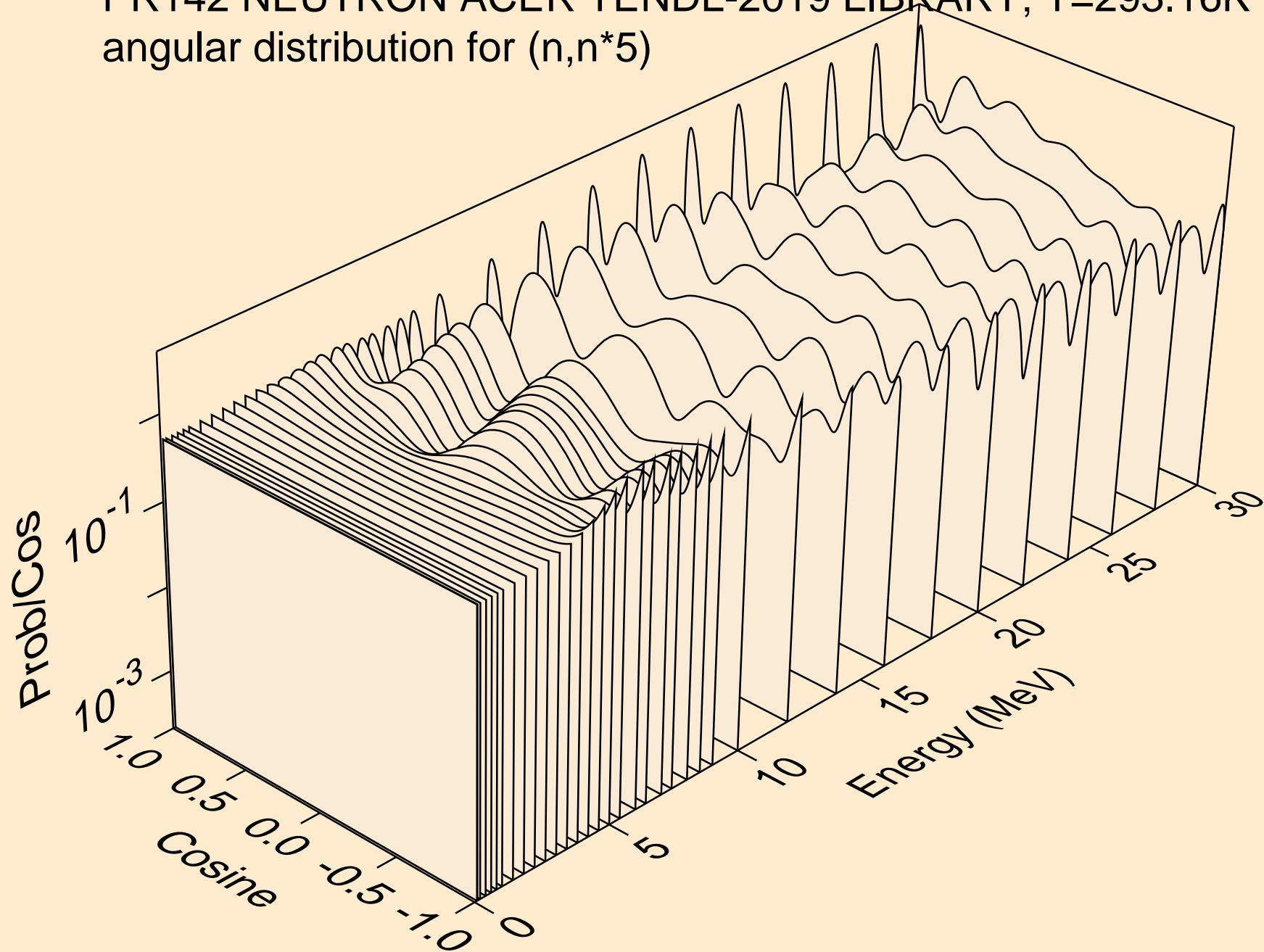
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



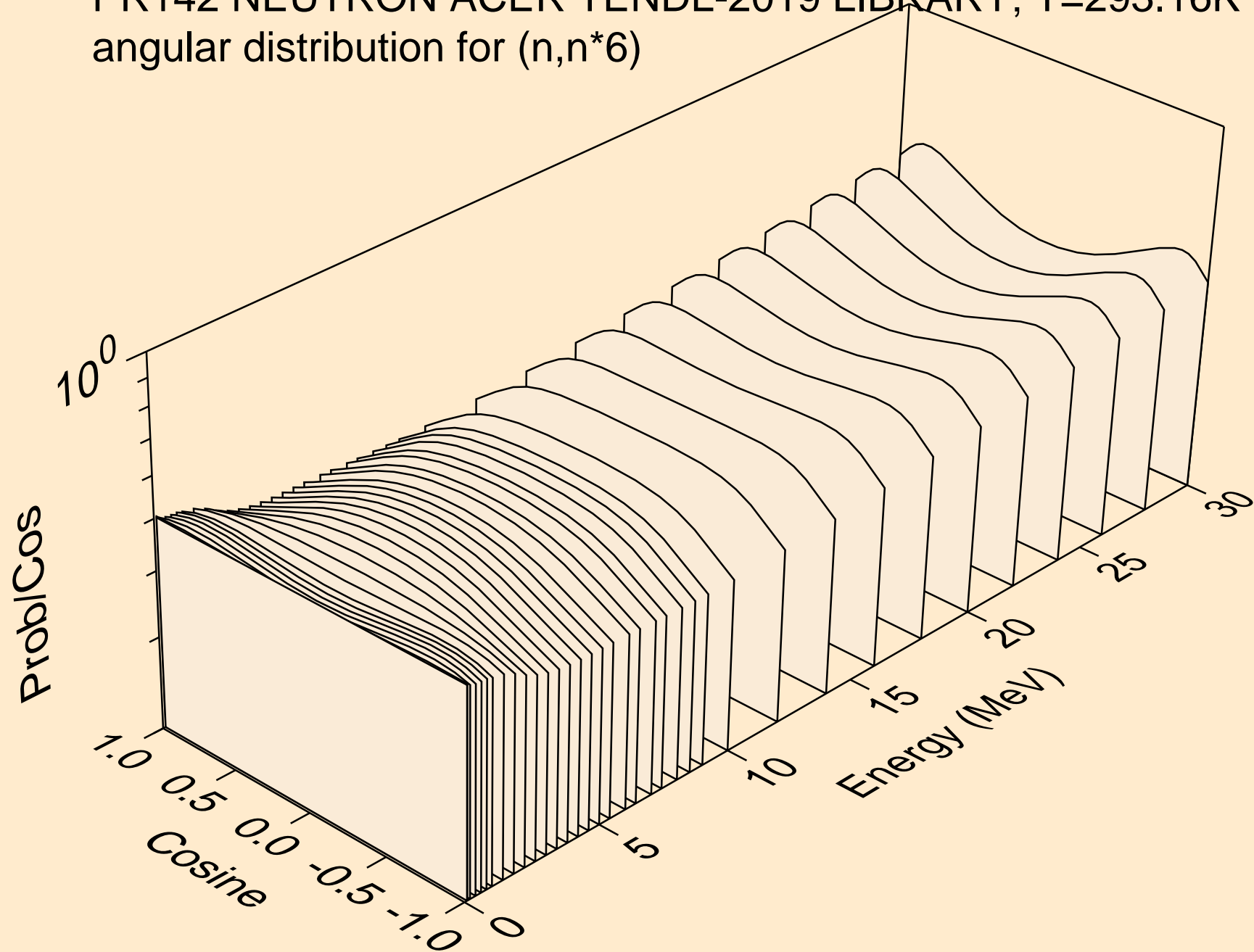
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



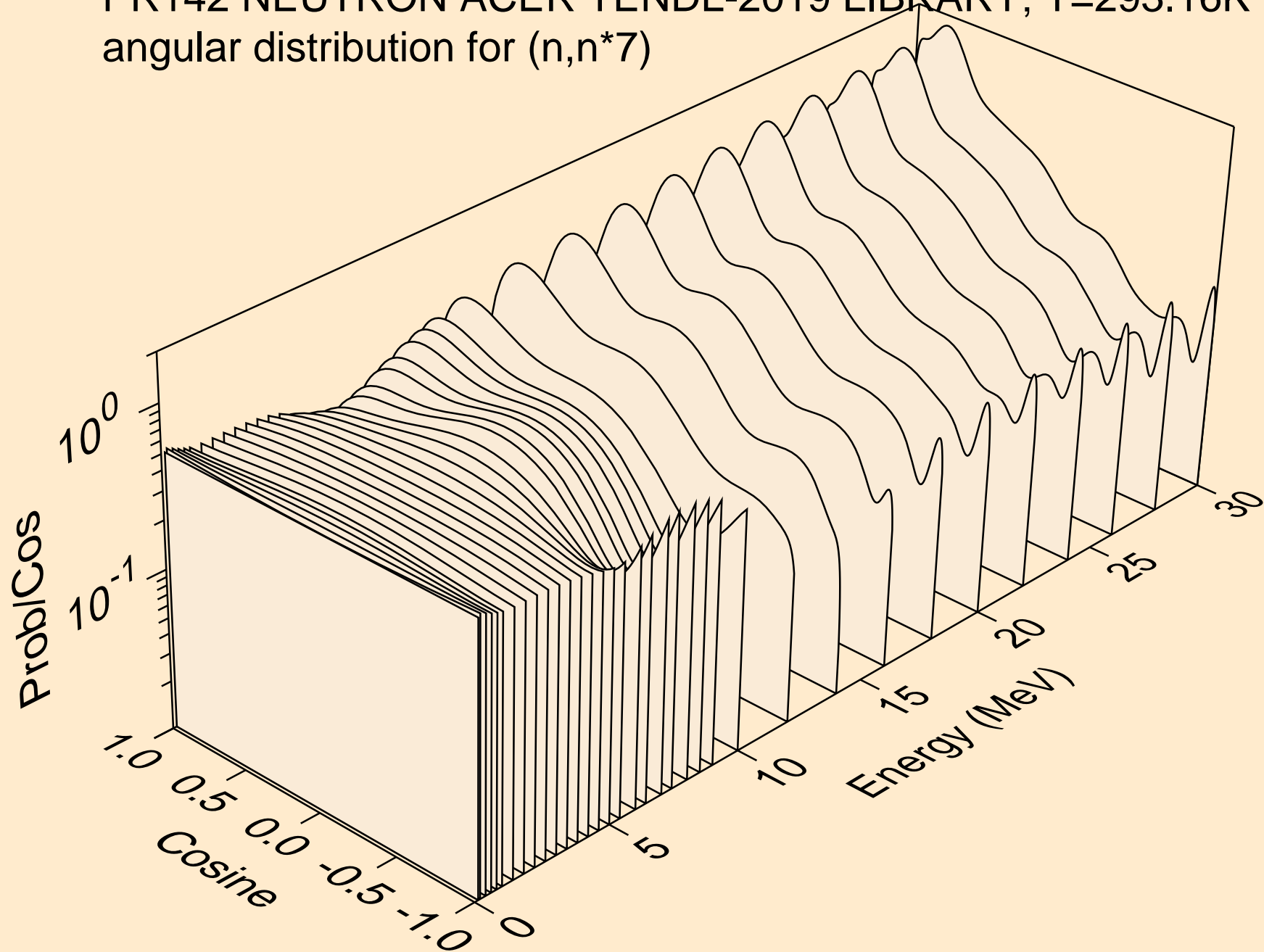
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



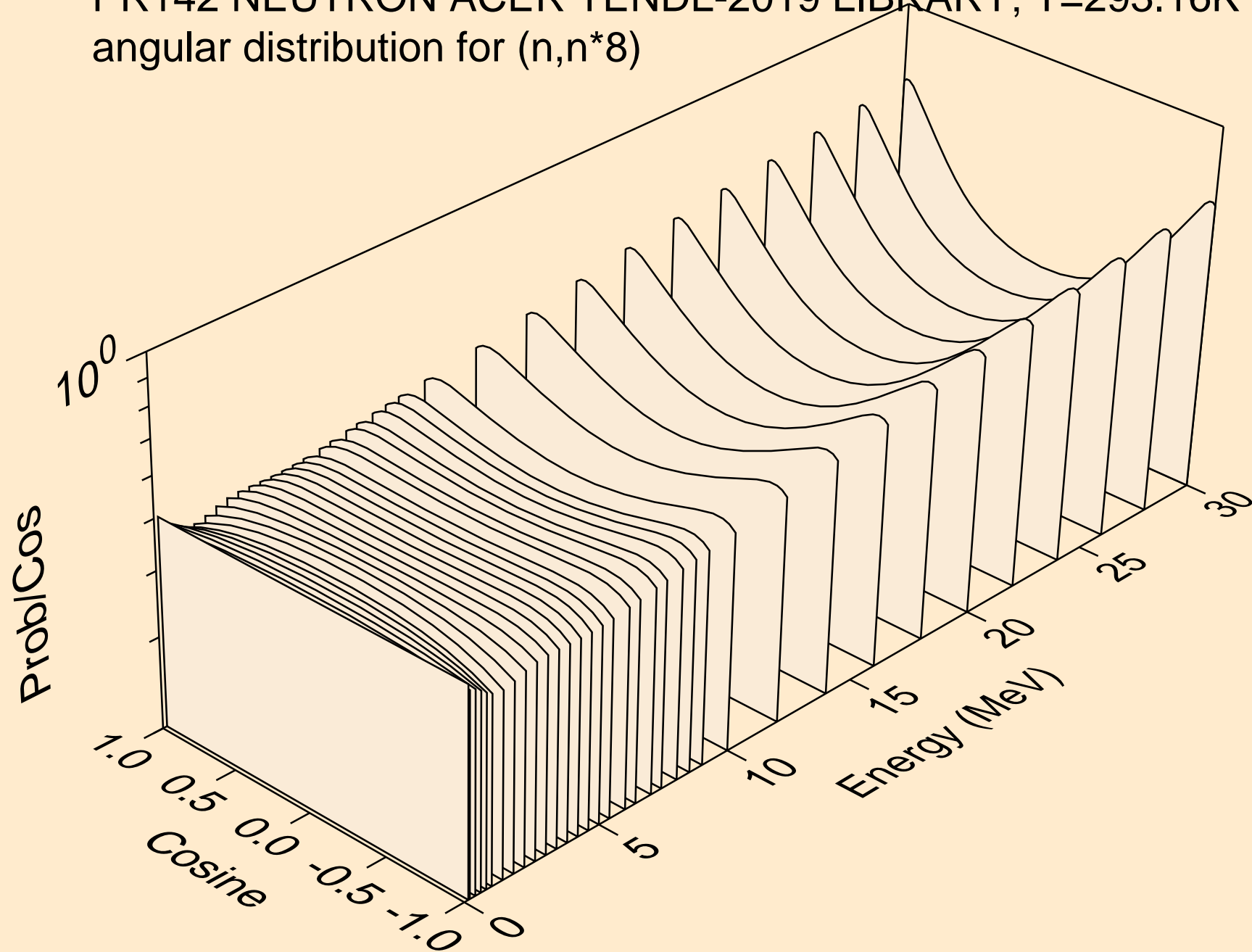
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



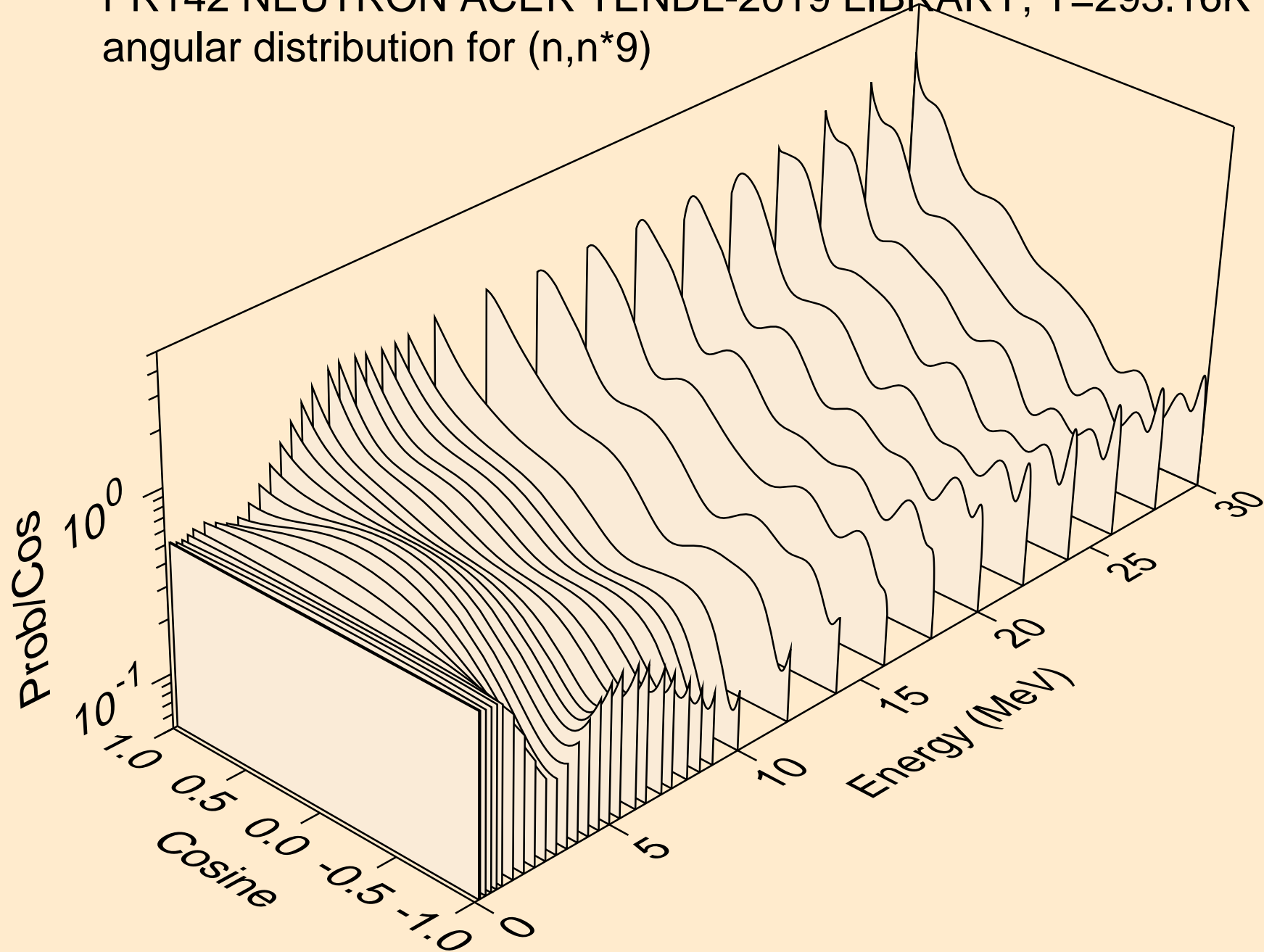
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



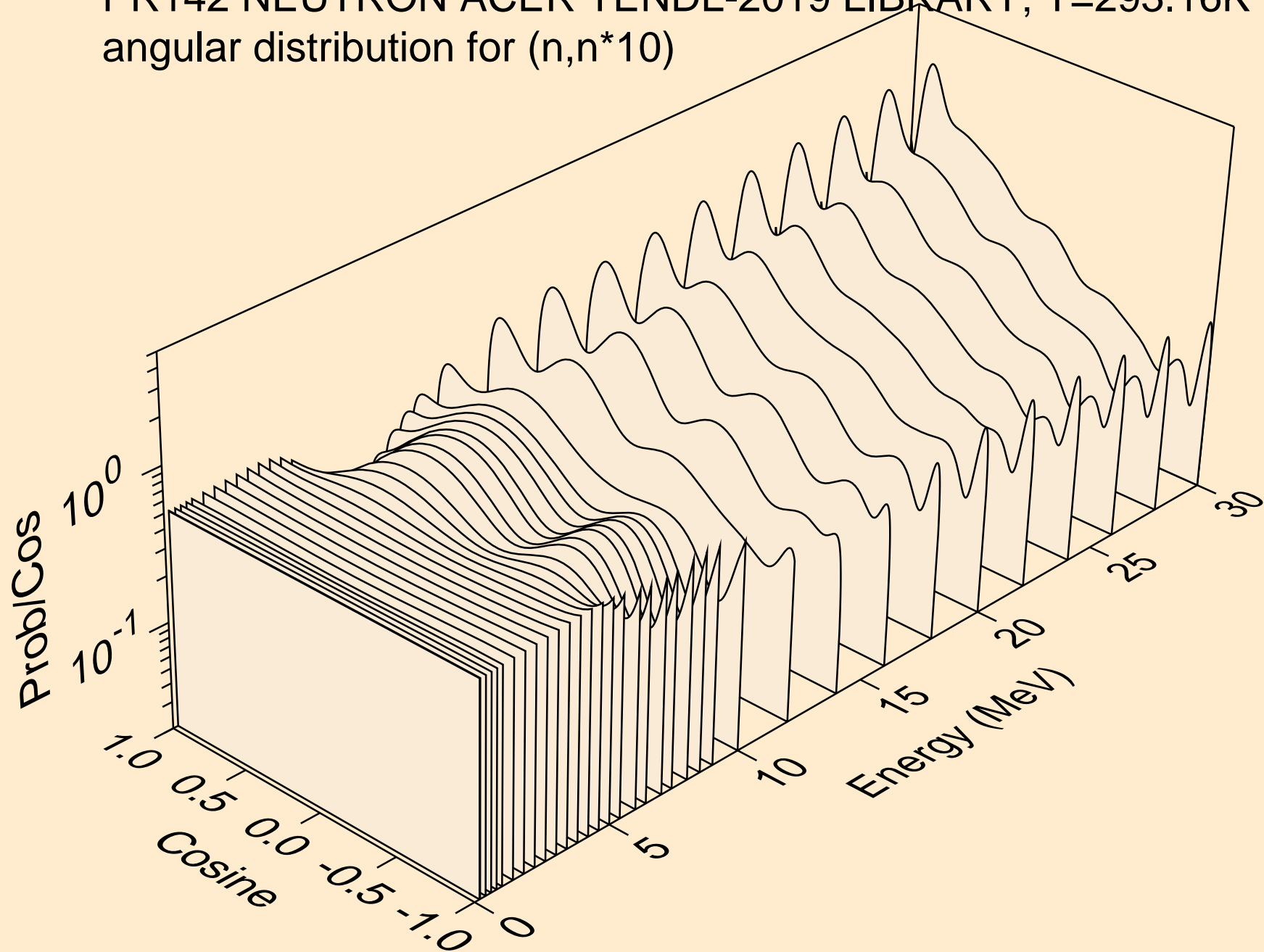
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



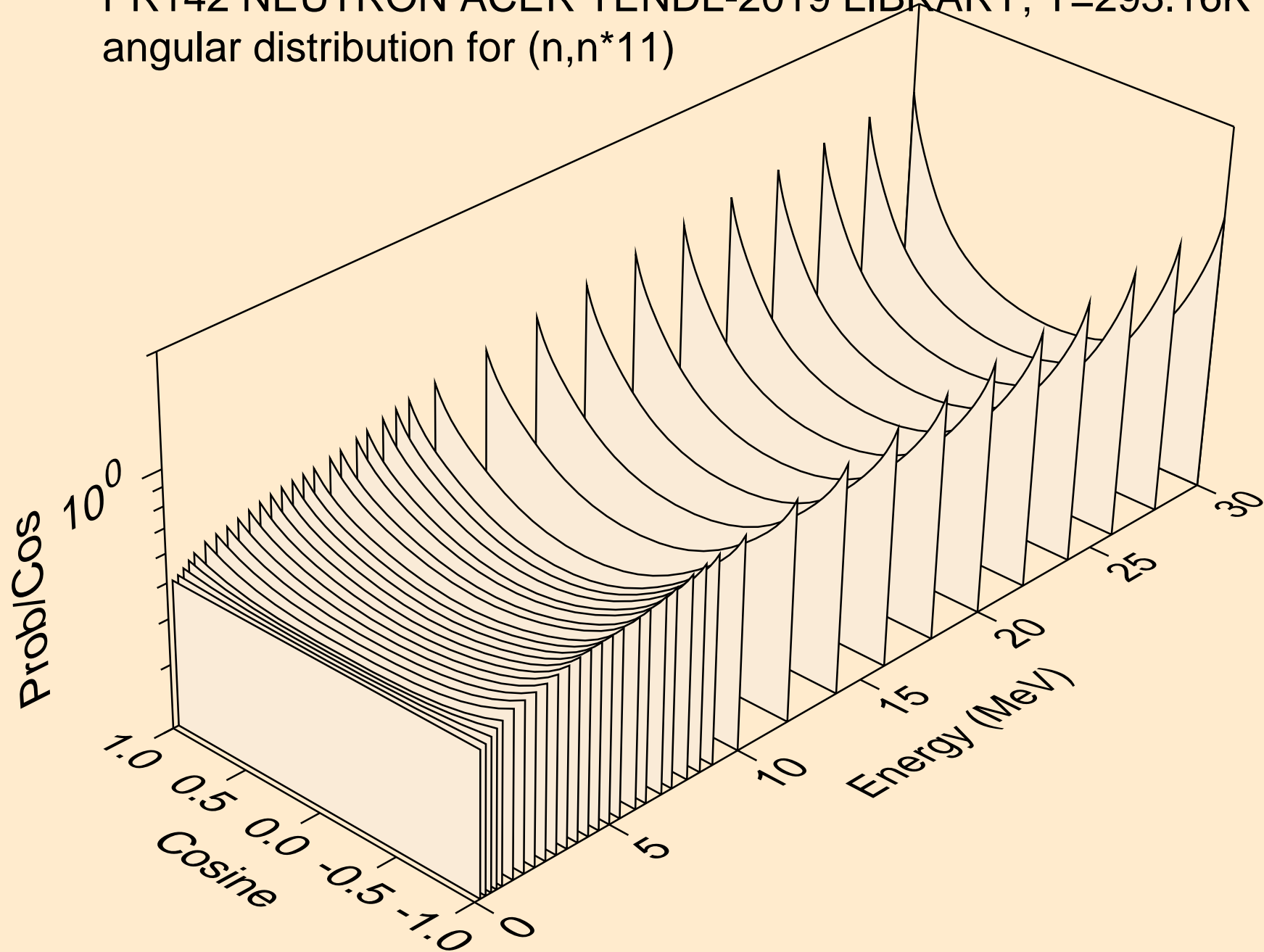
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



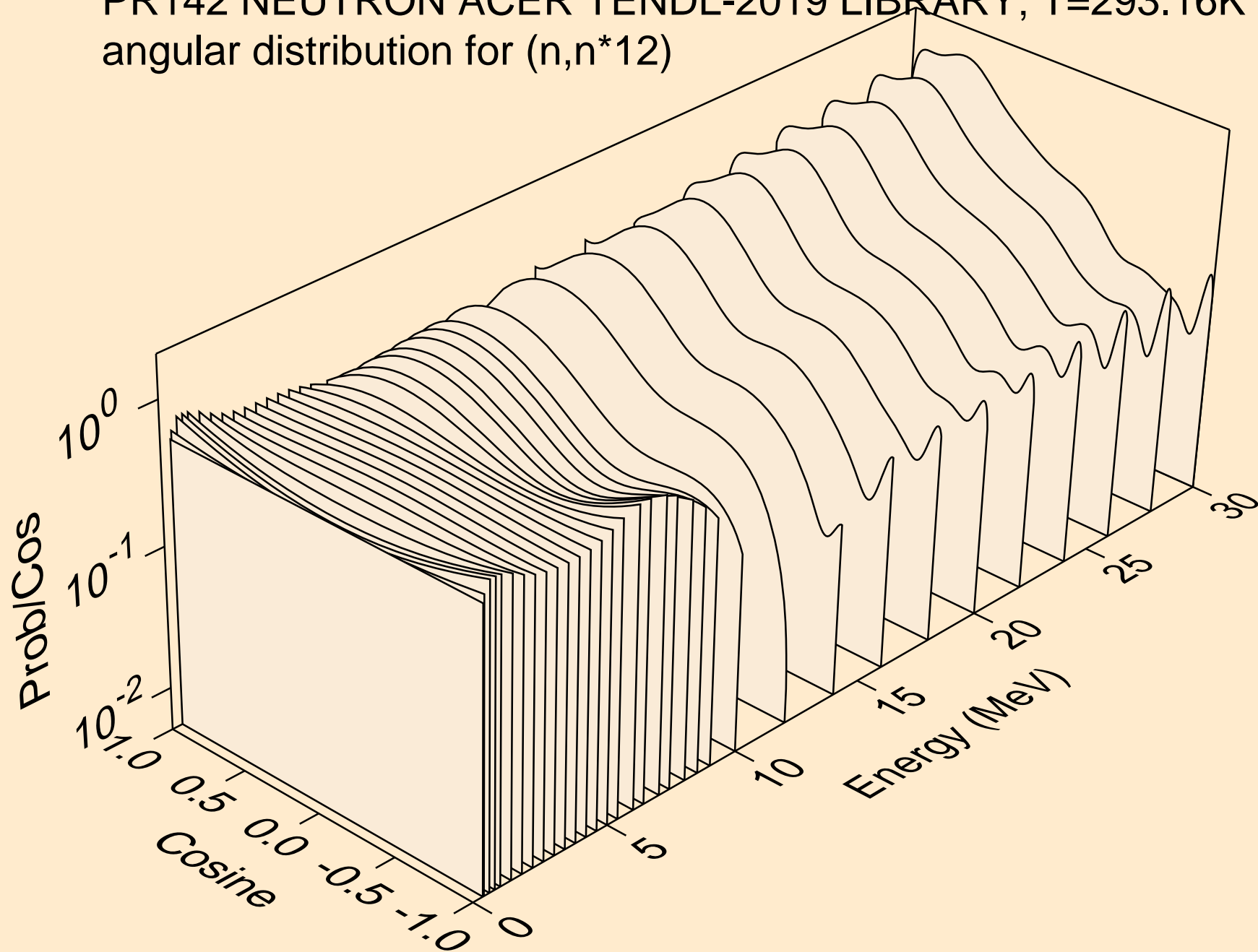
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



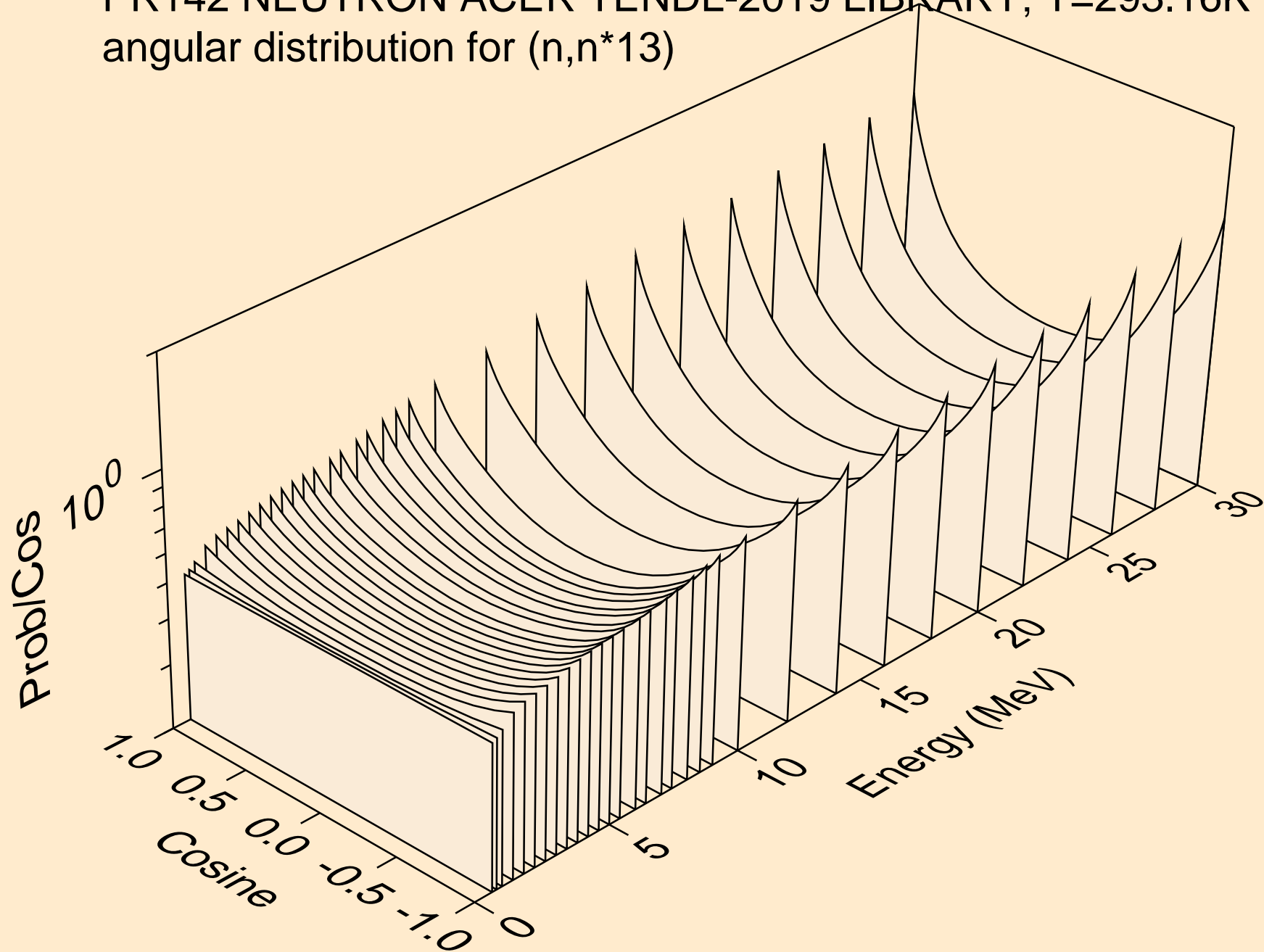
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



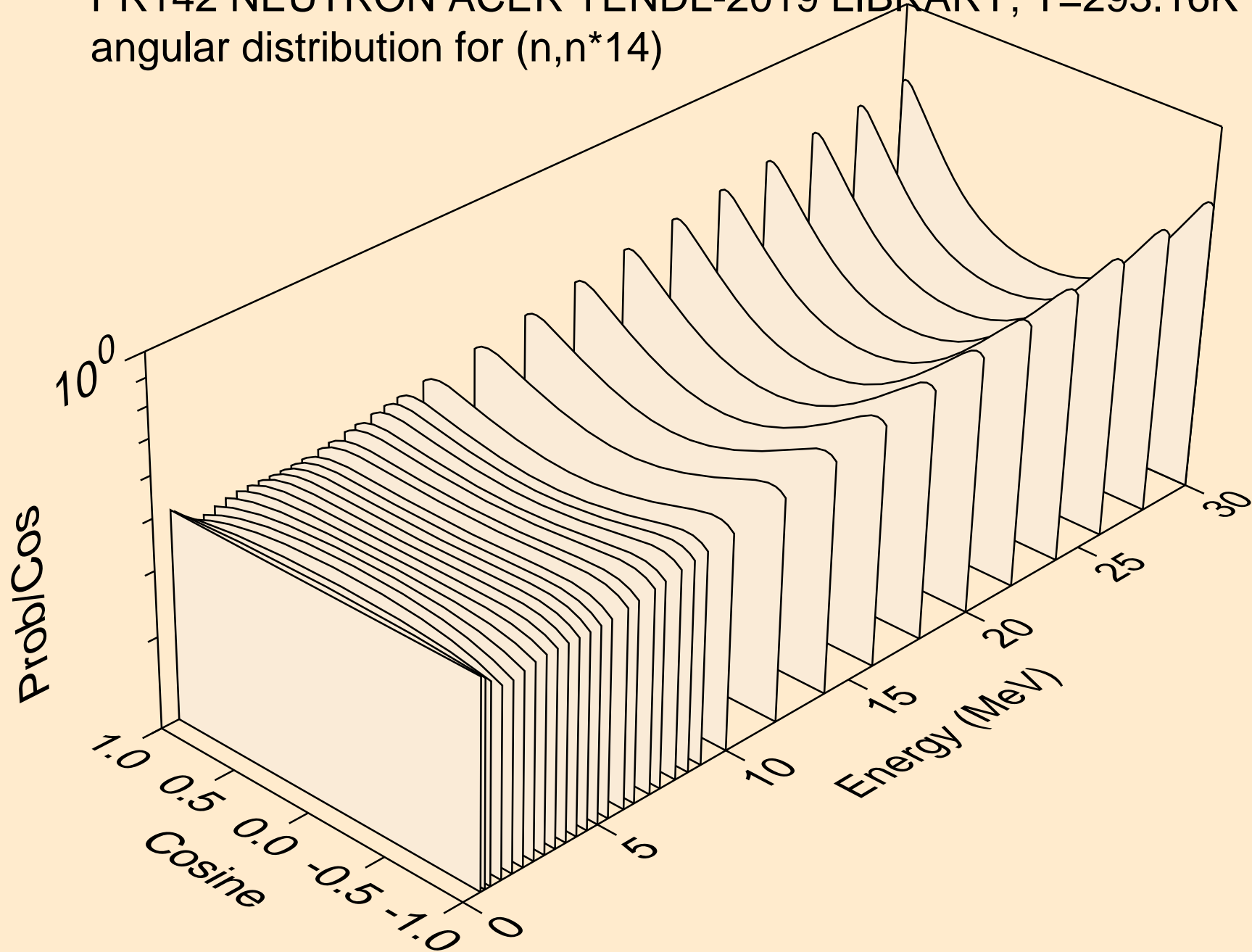
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



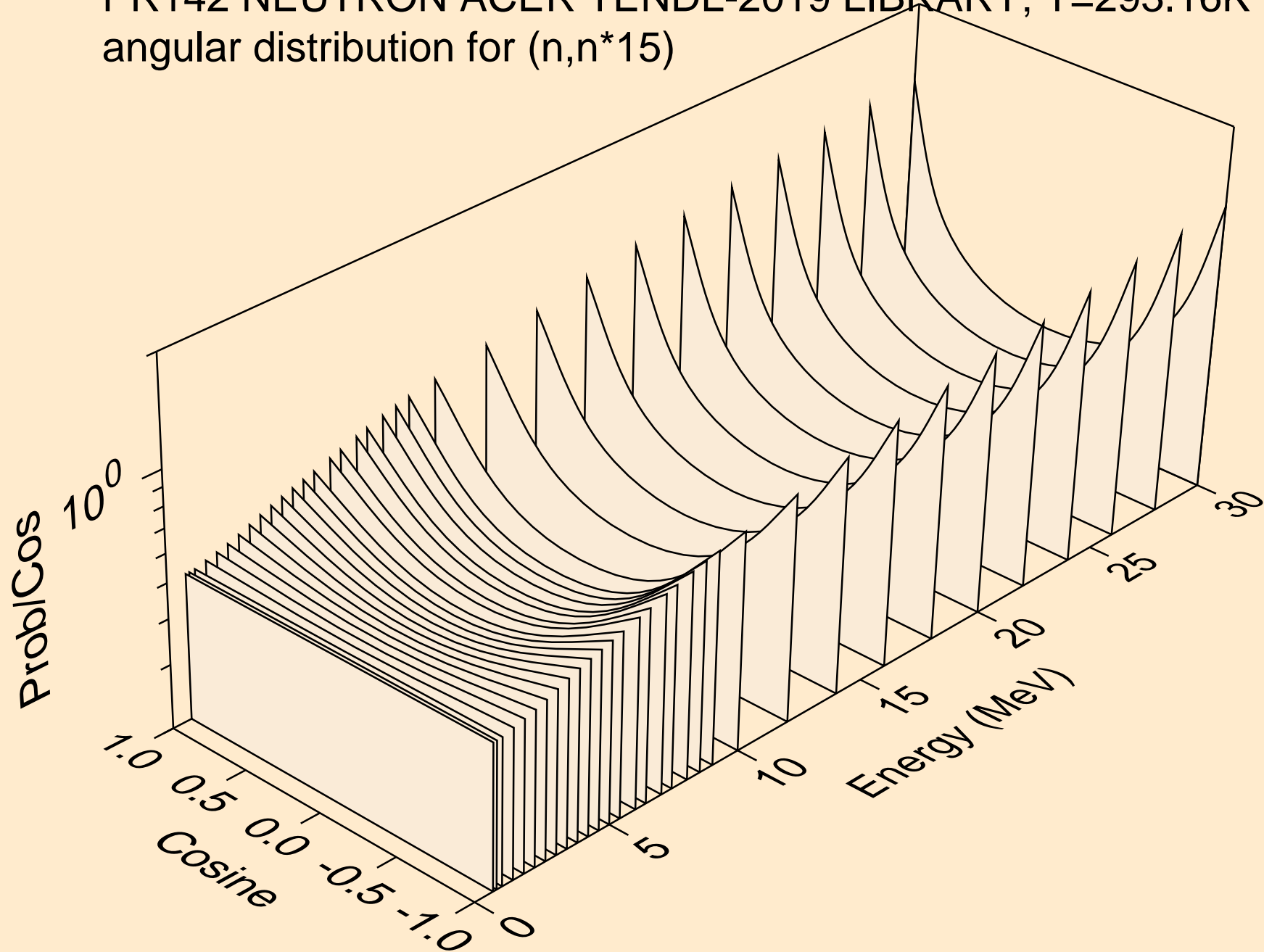
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



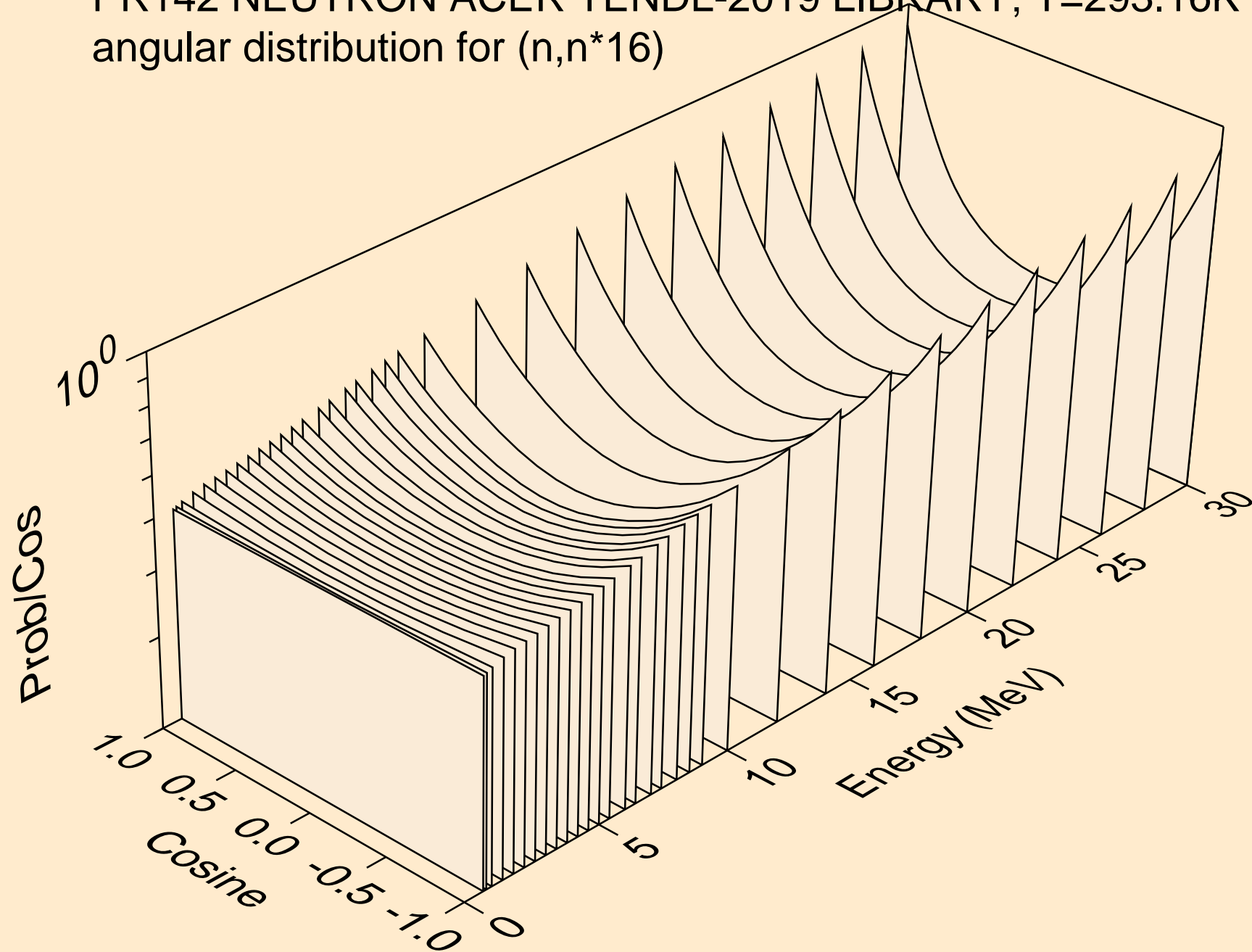
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



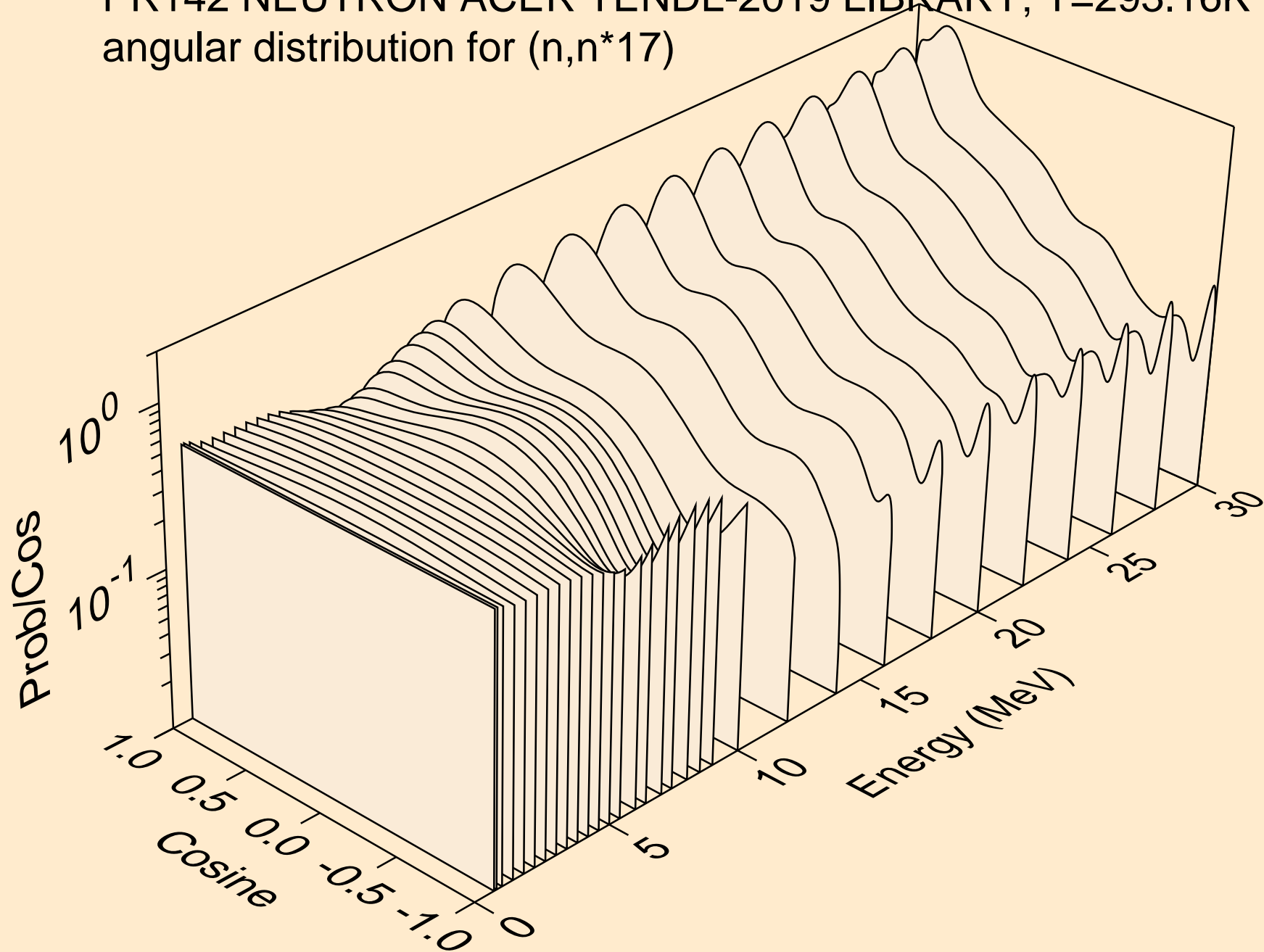
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



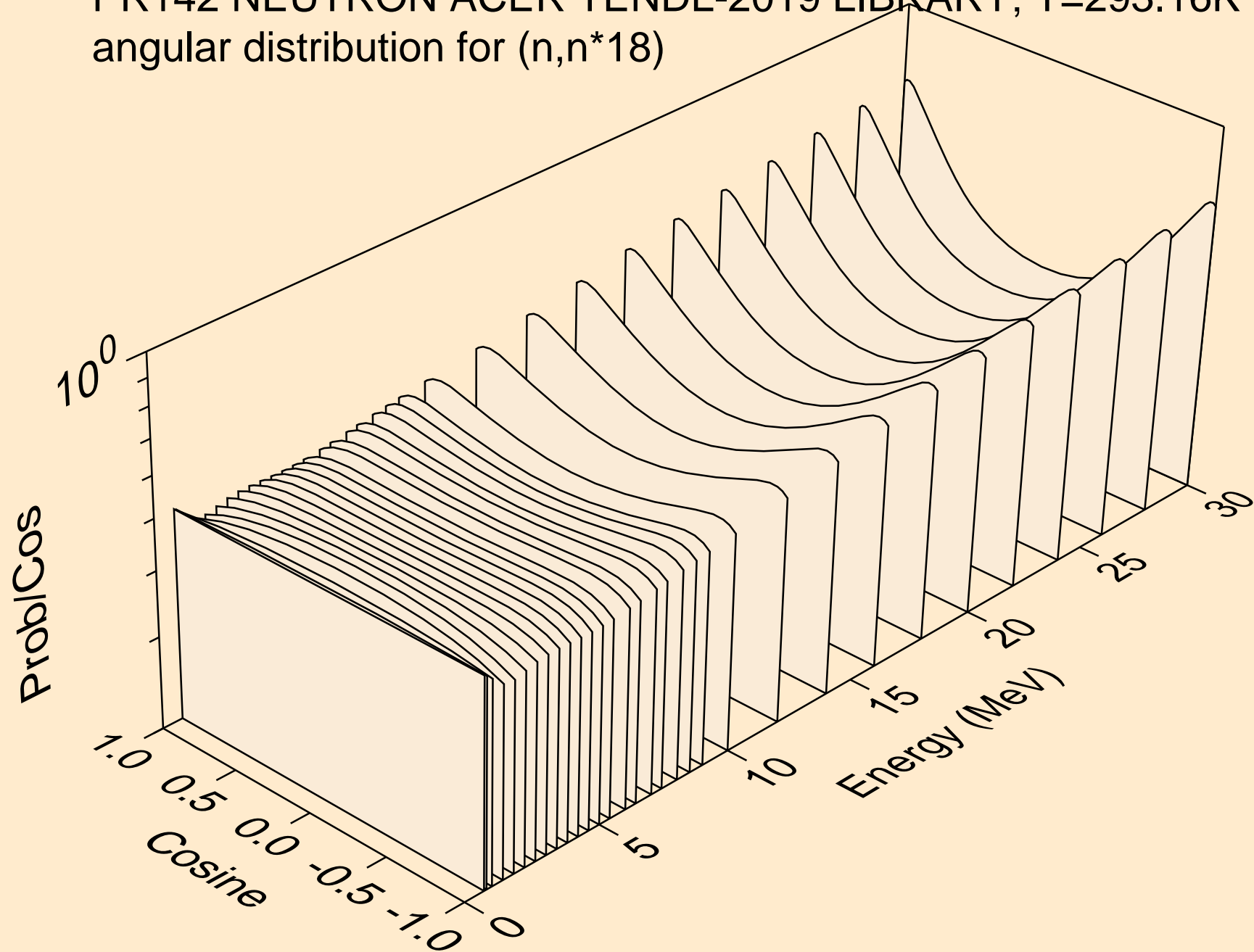
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



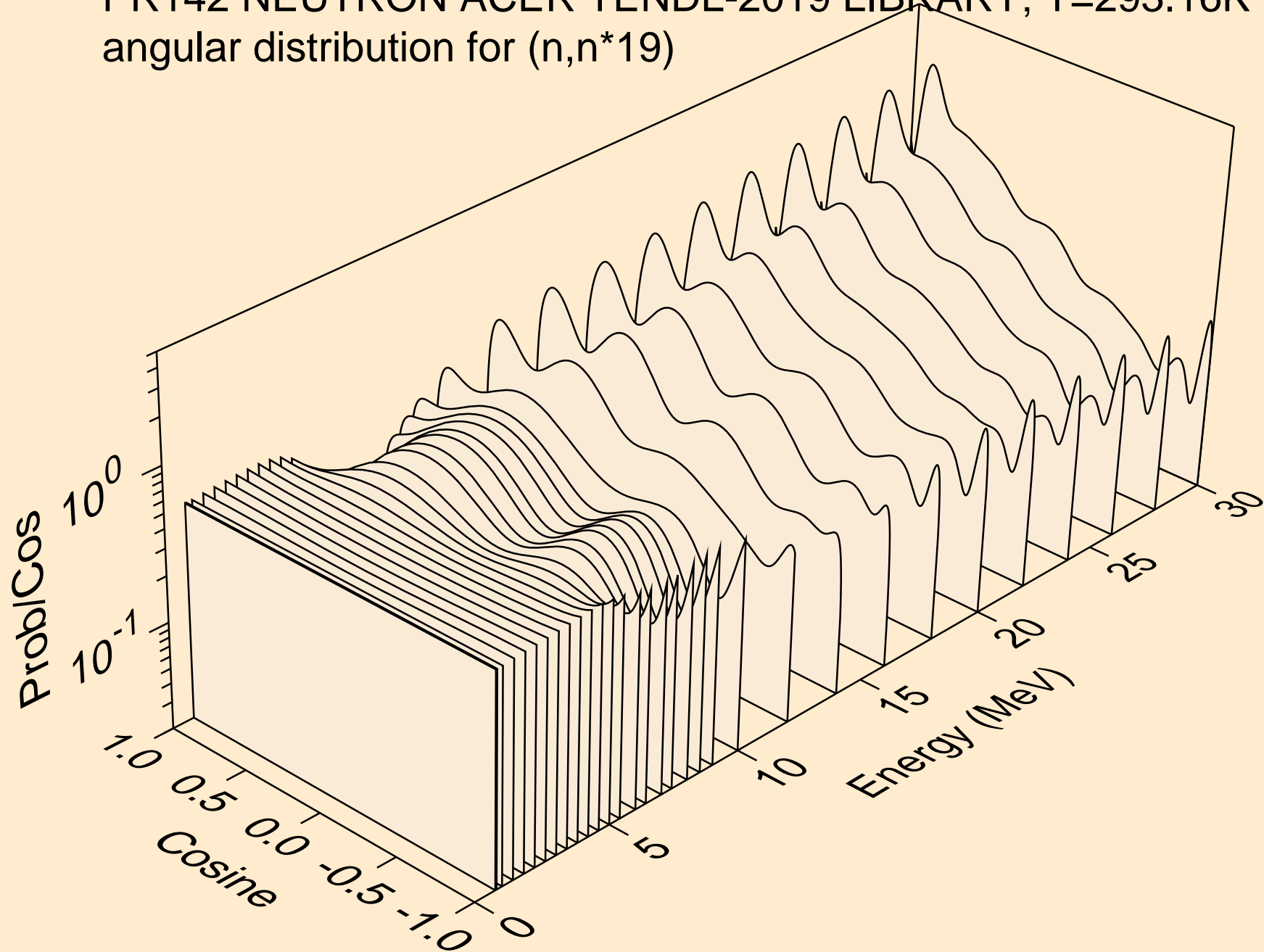
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



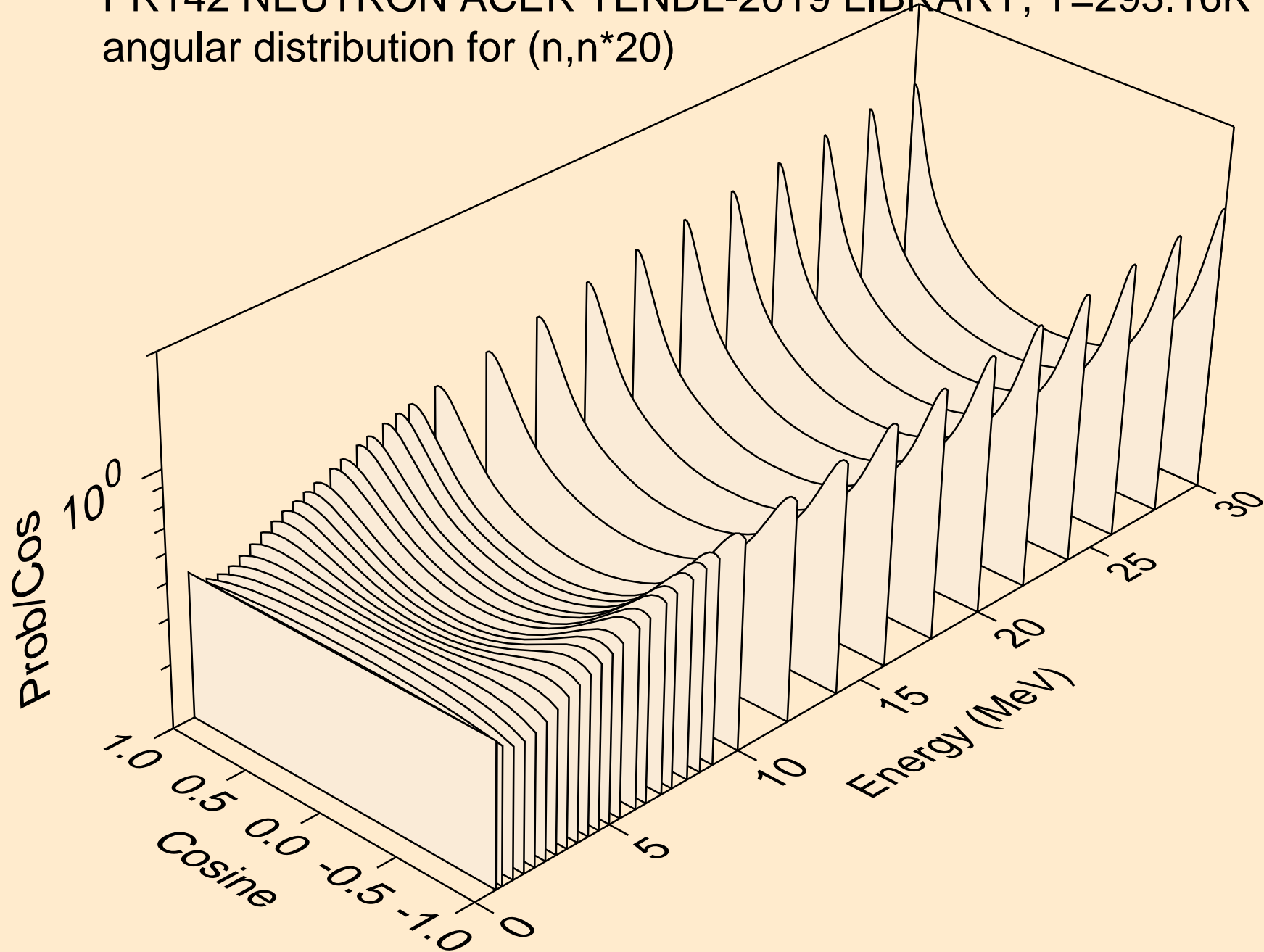
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



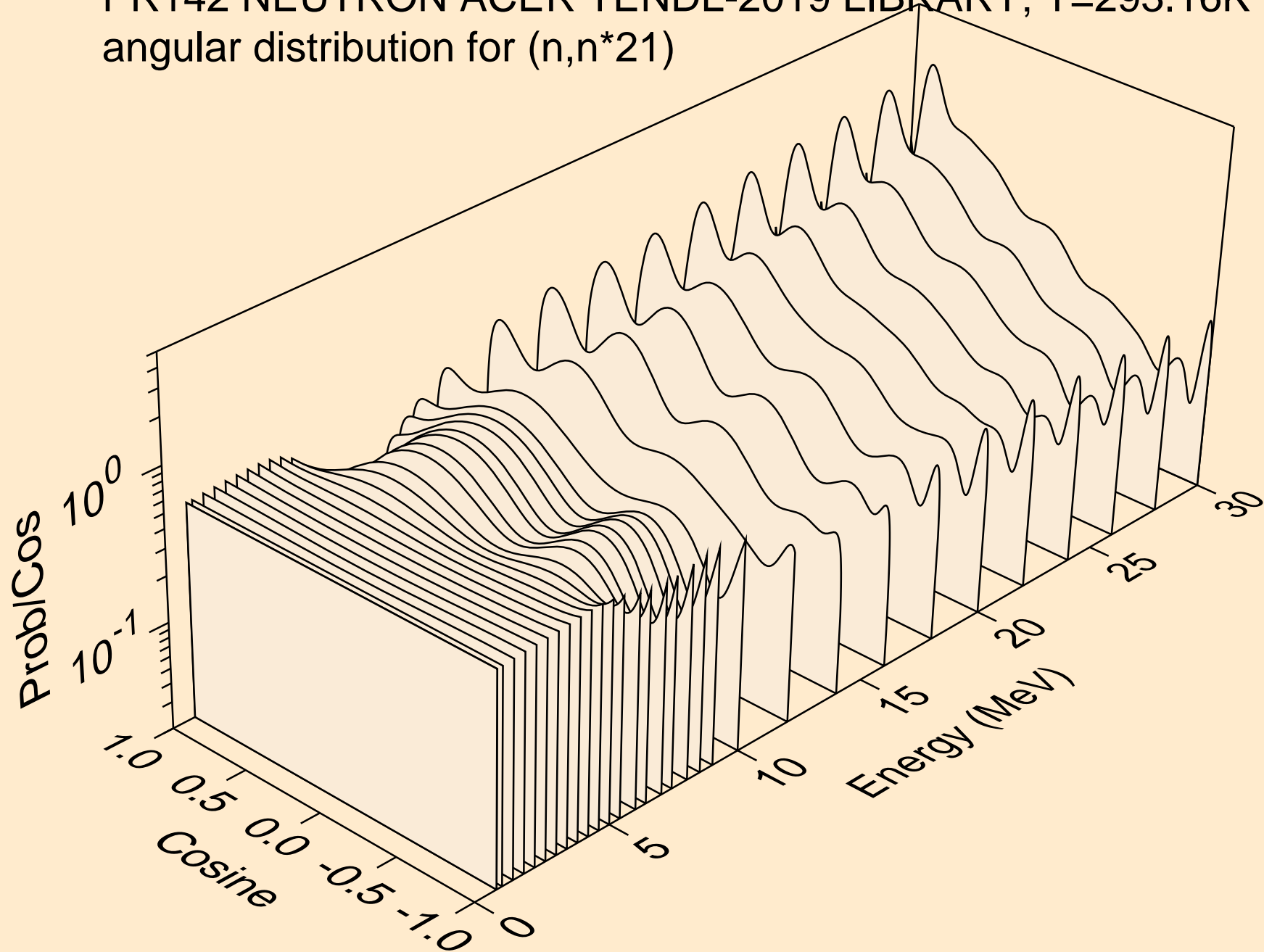
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



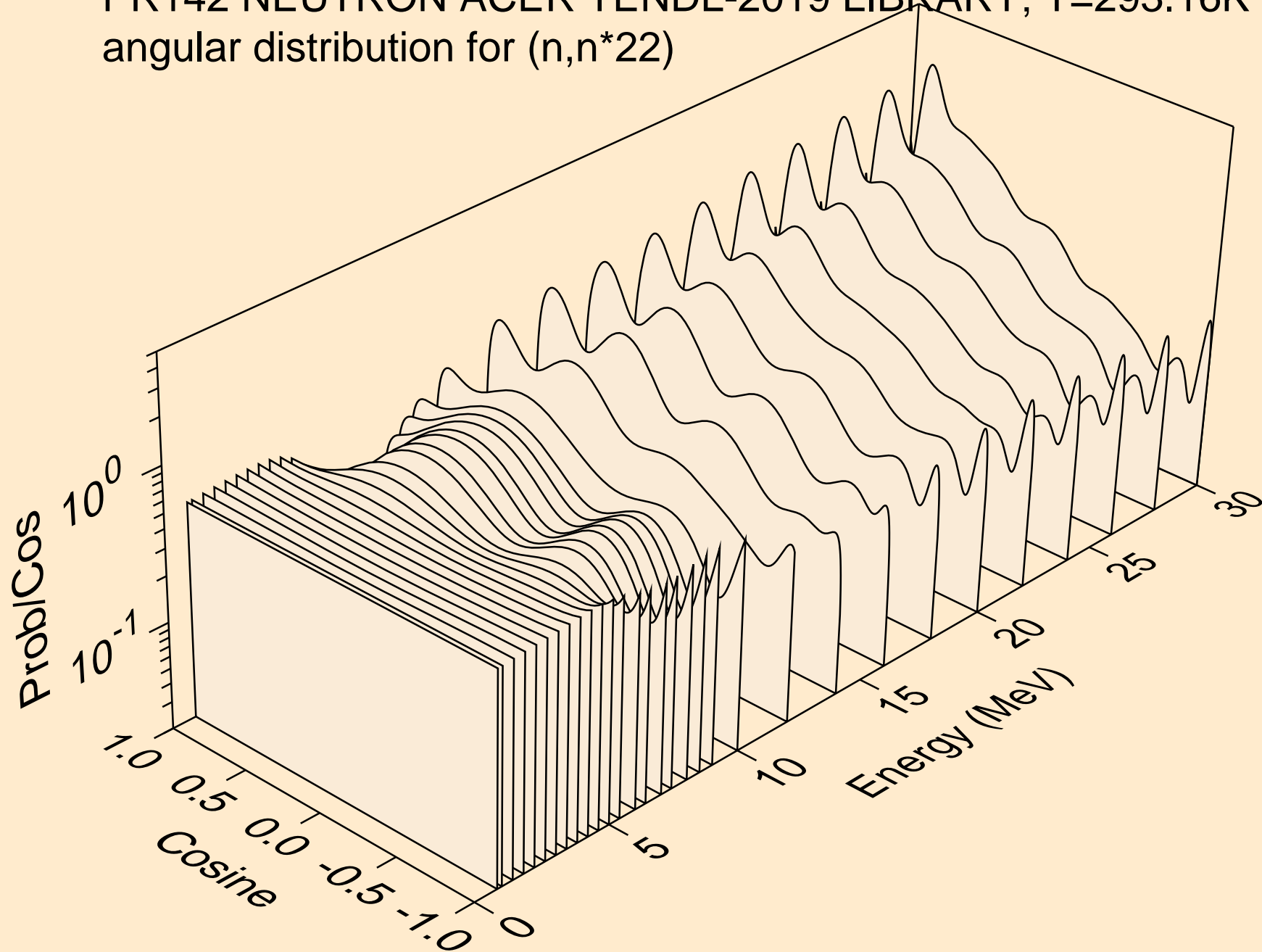
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



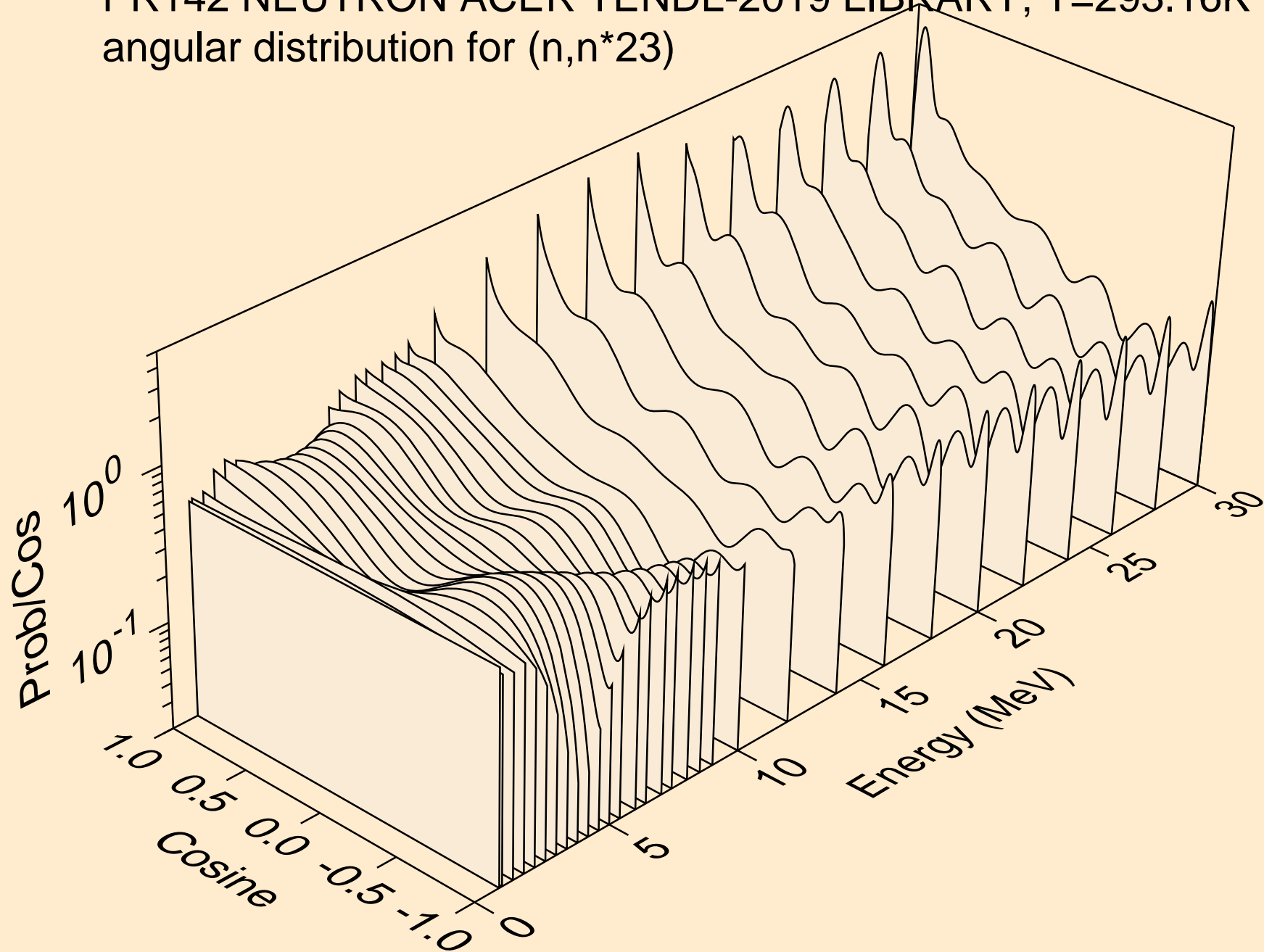
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



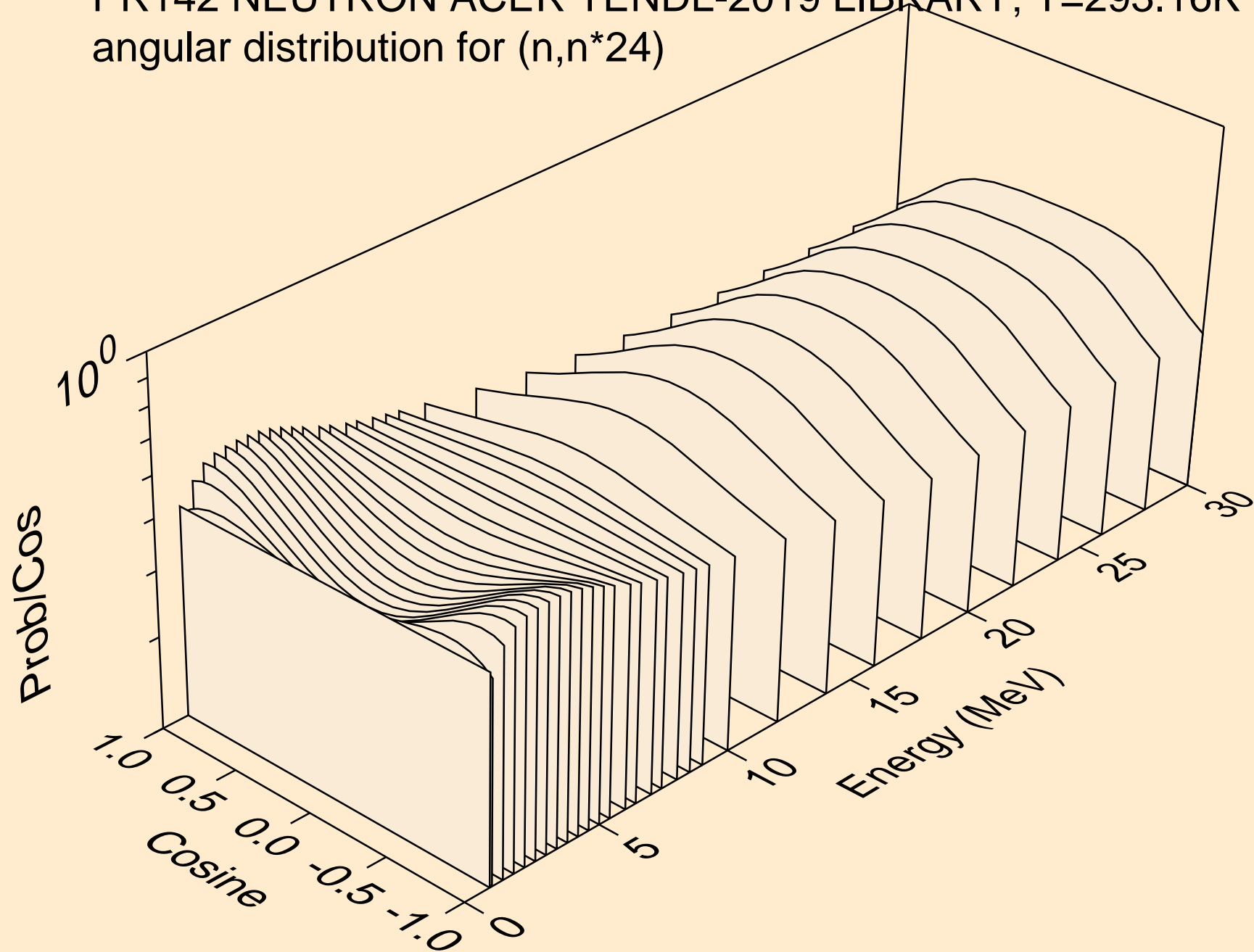
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



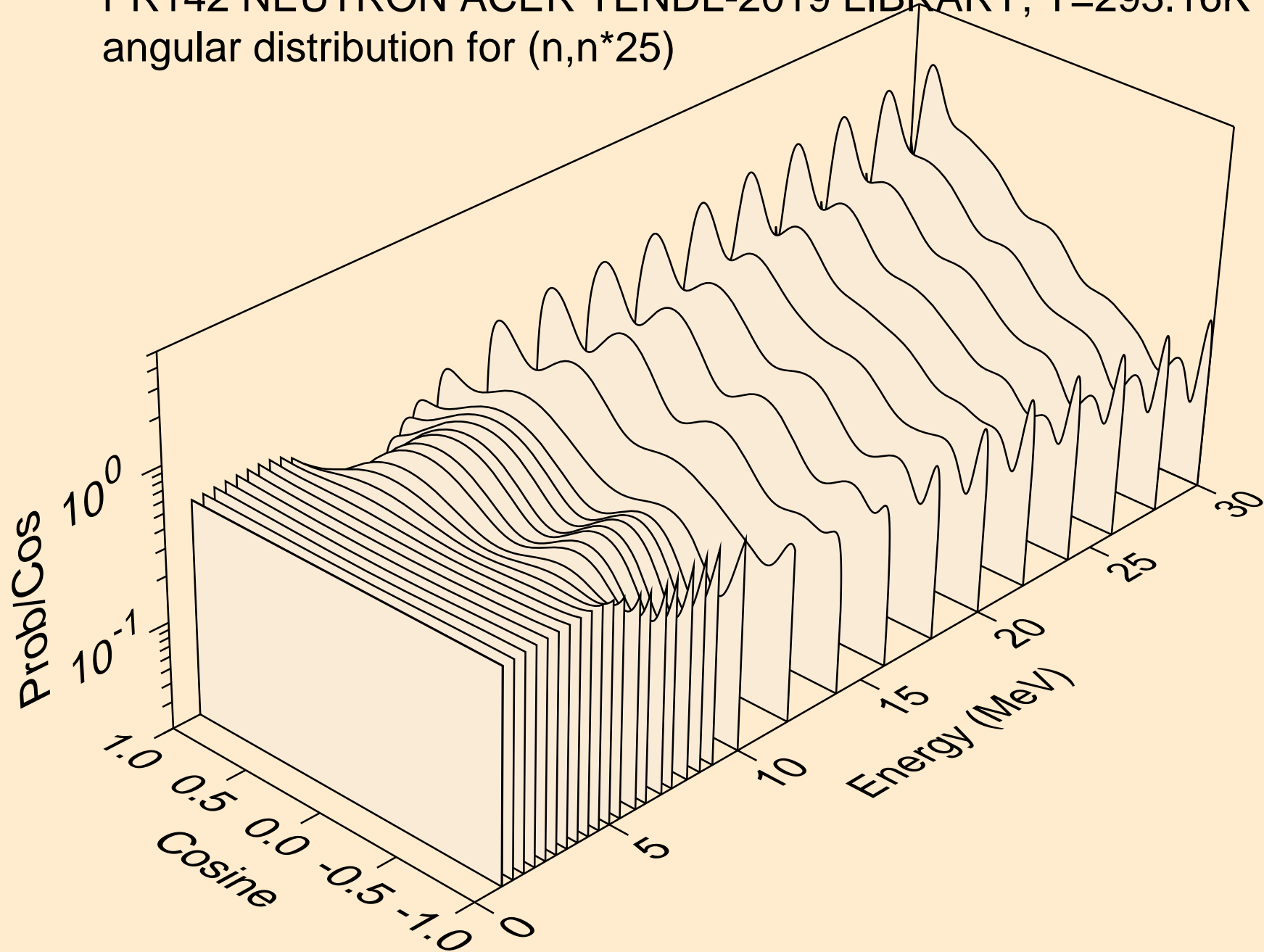
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



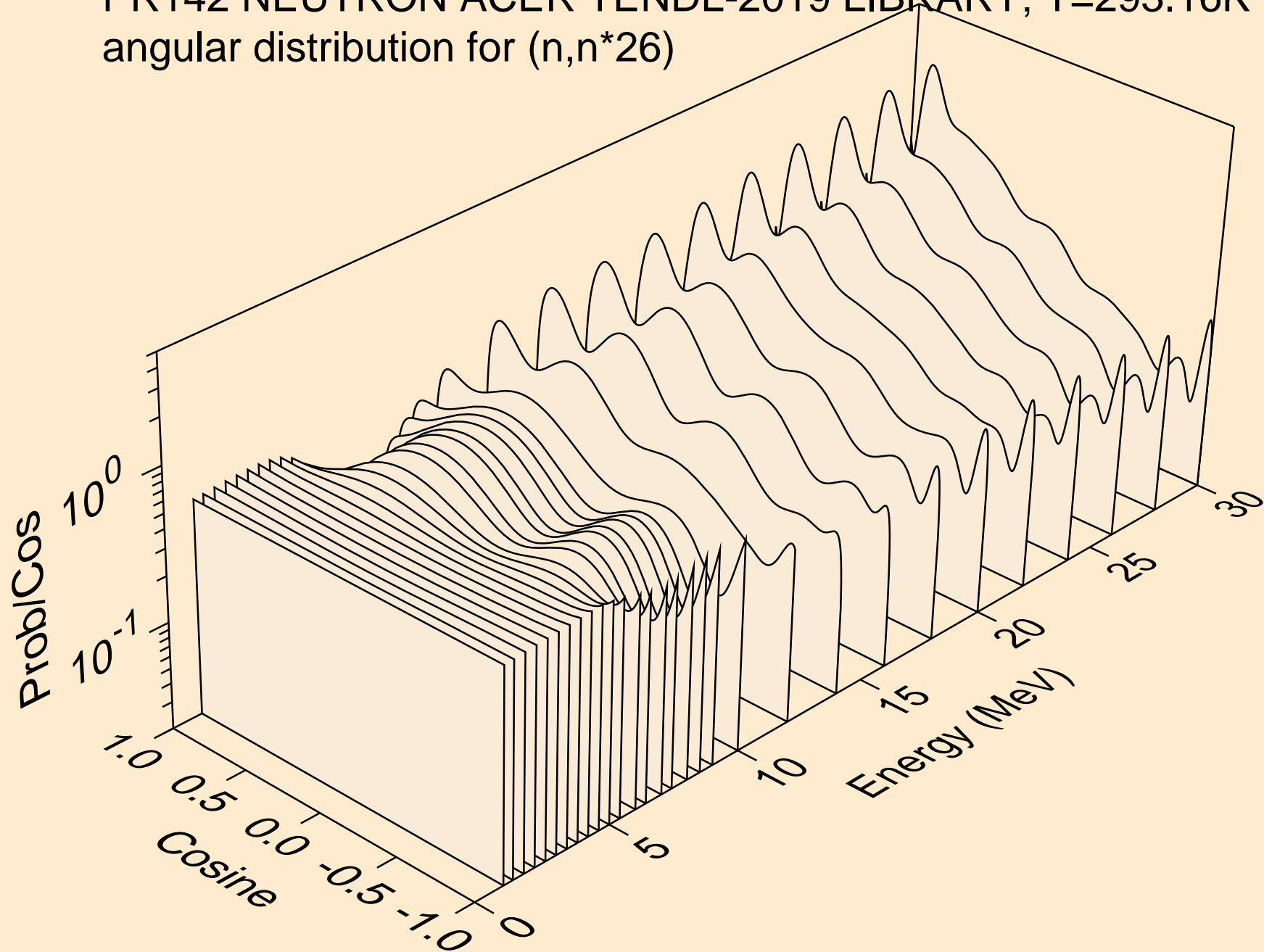
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



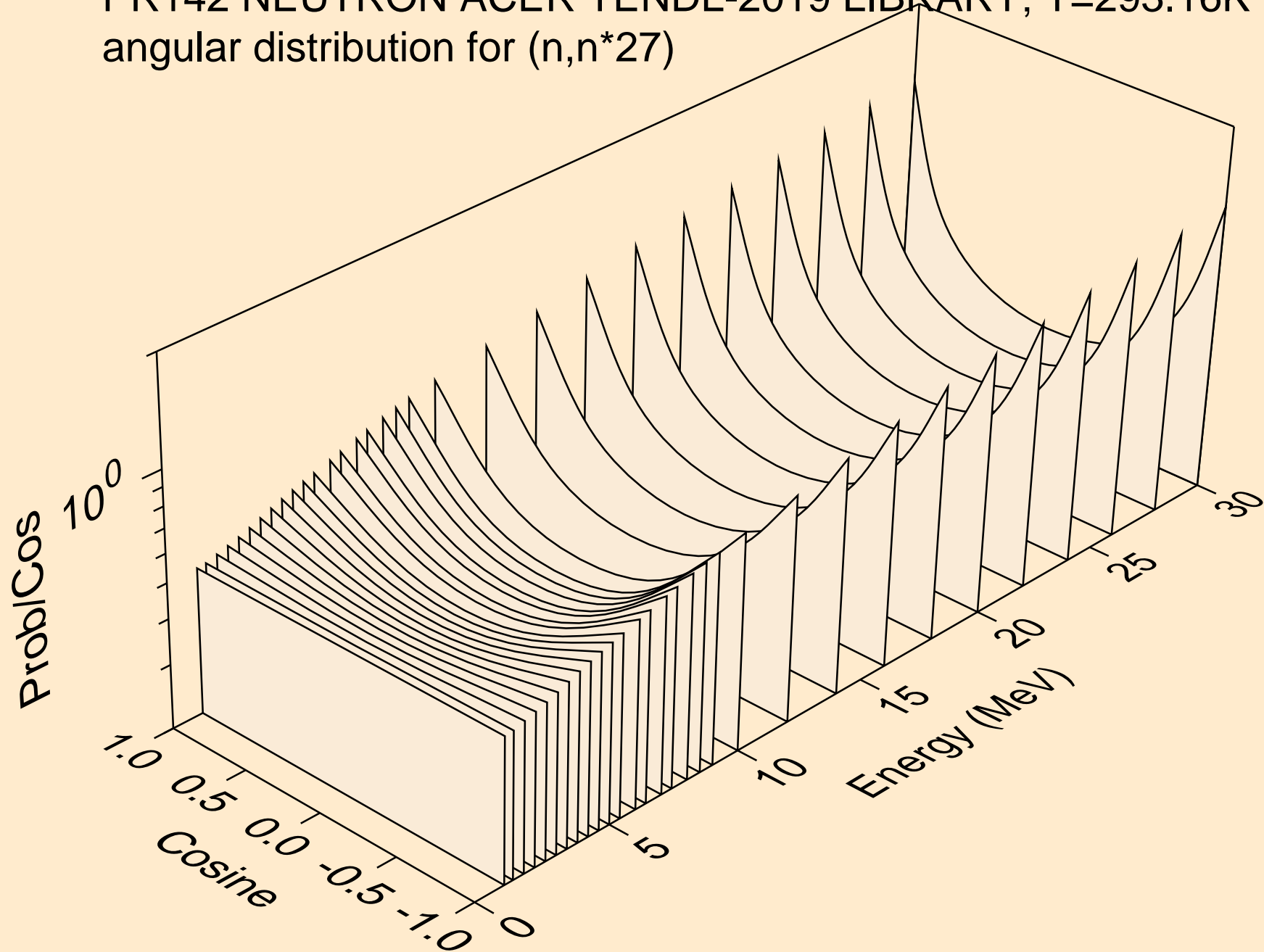
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



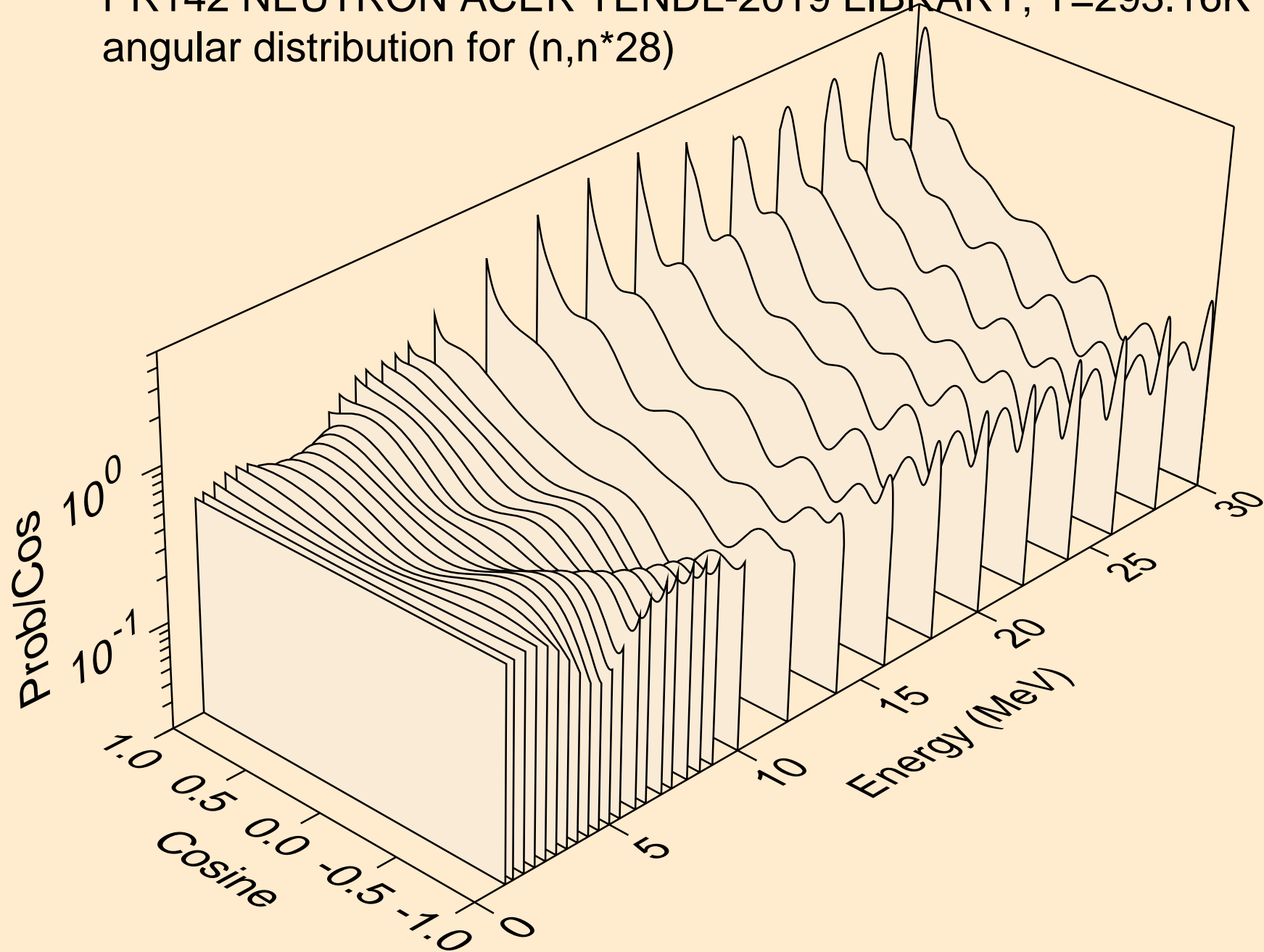
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



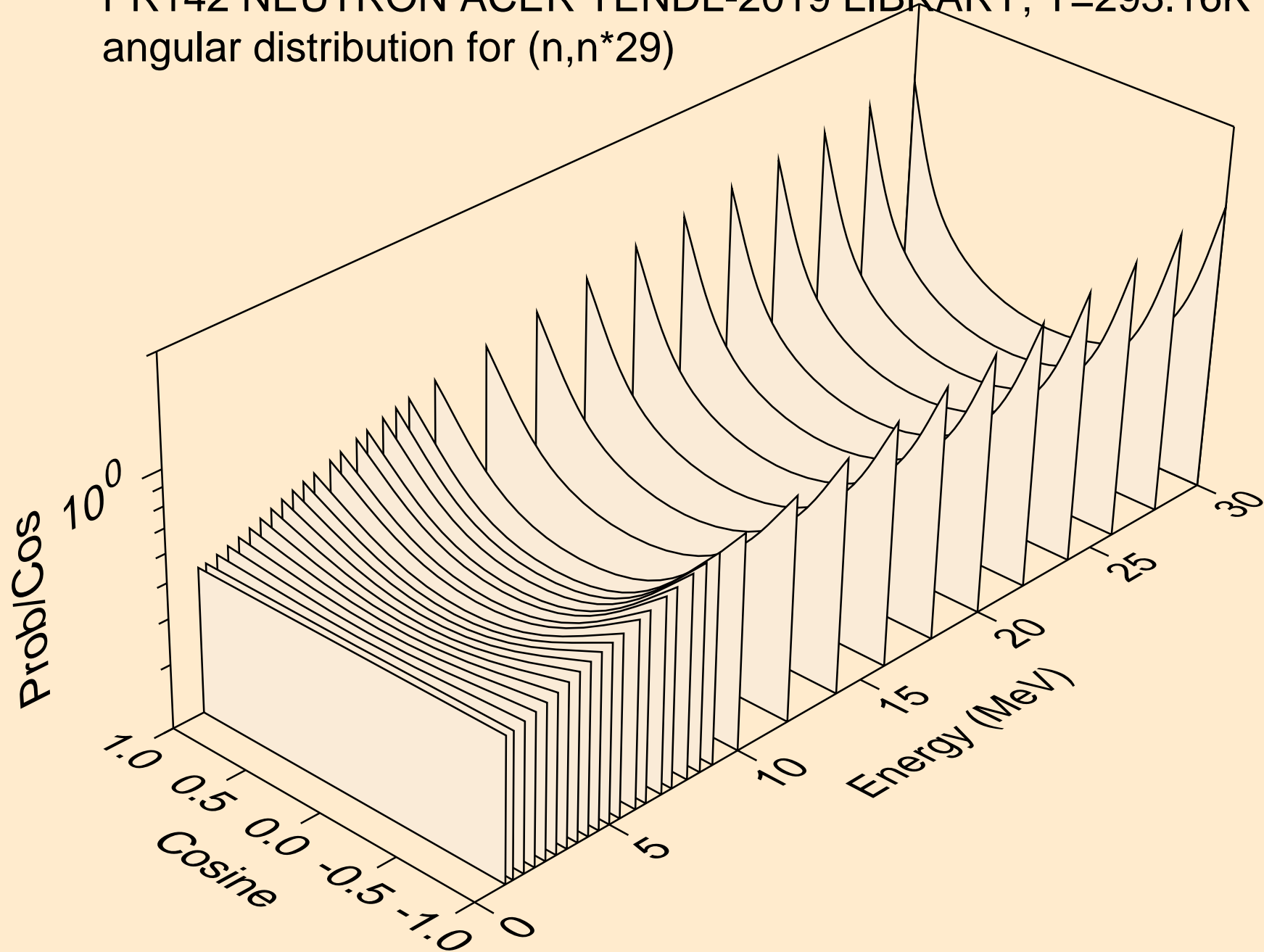
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



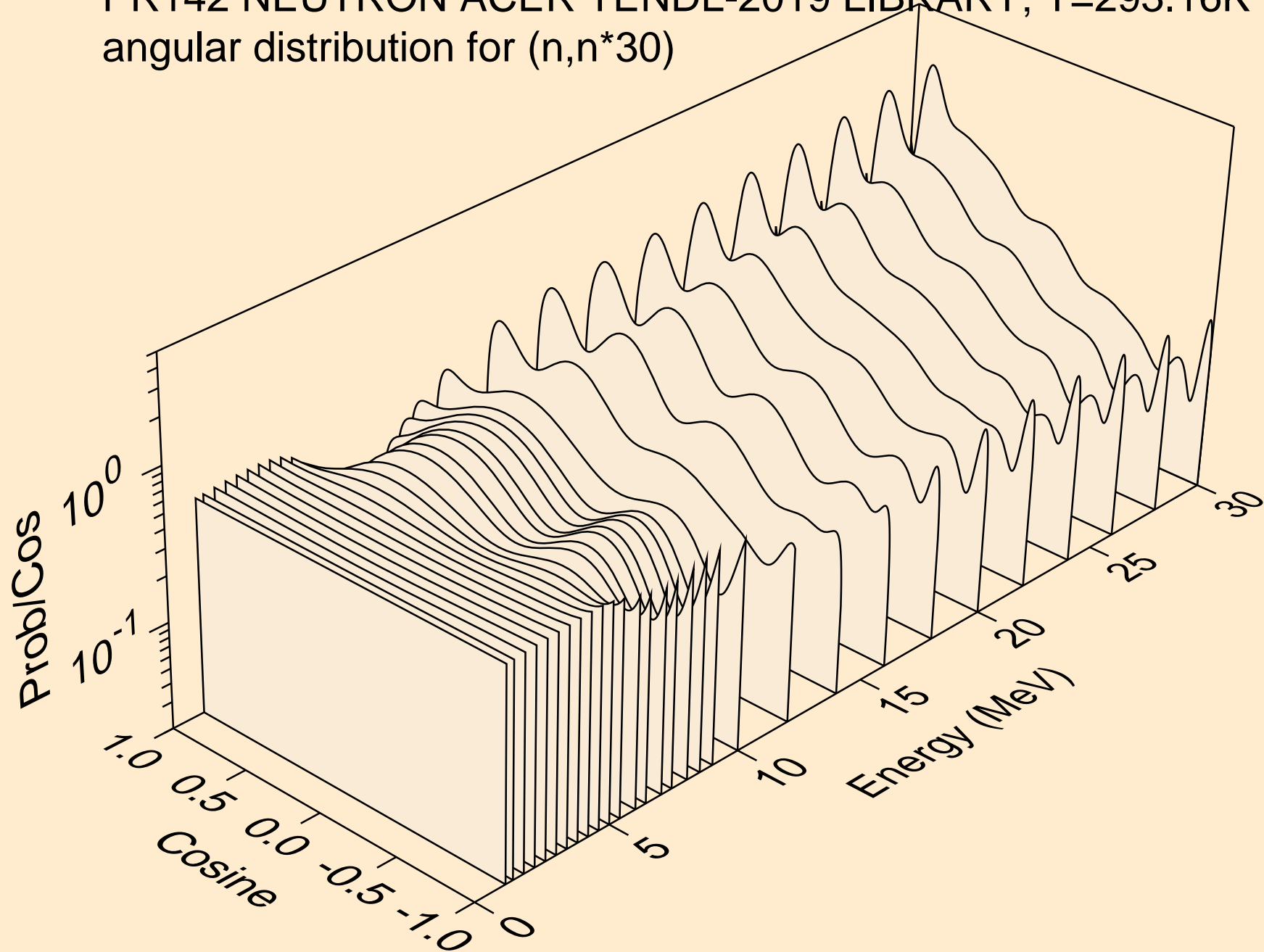
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



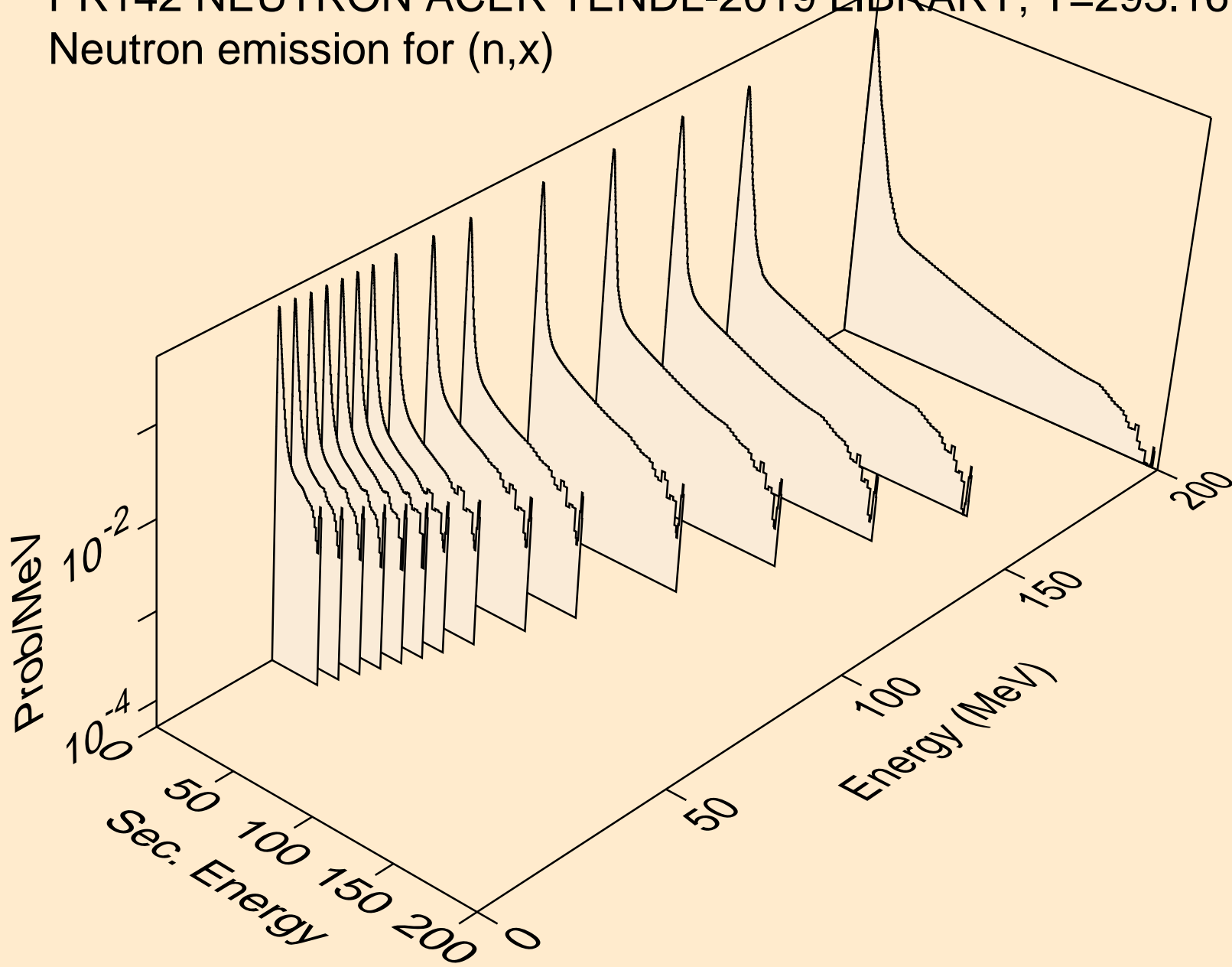
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



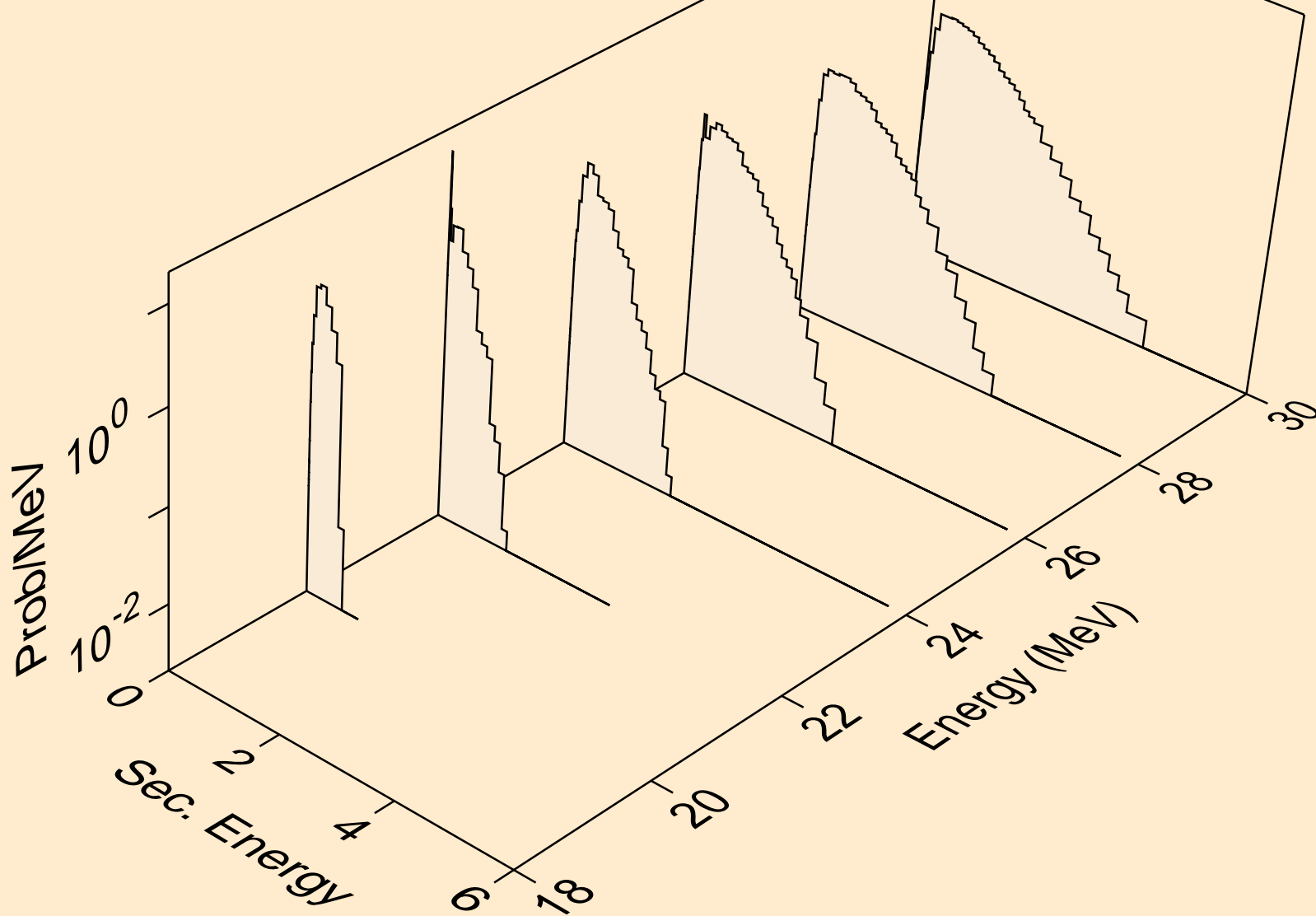
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*30)



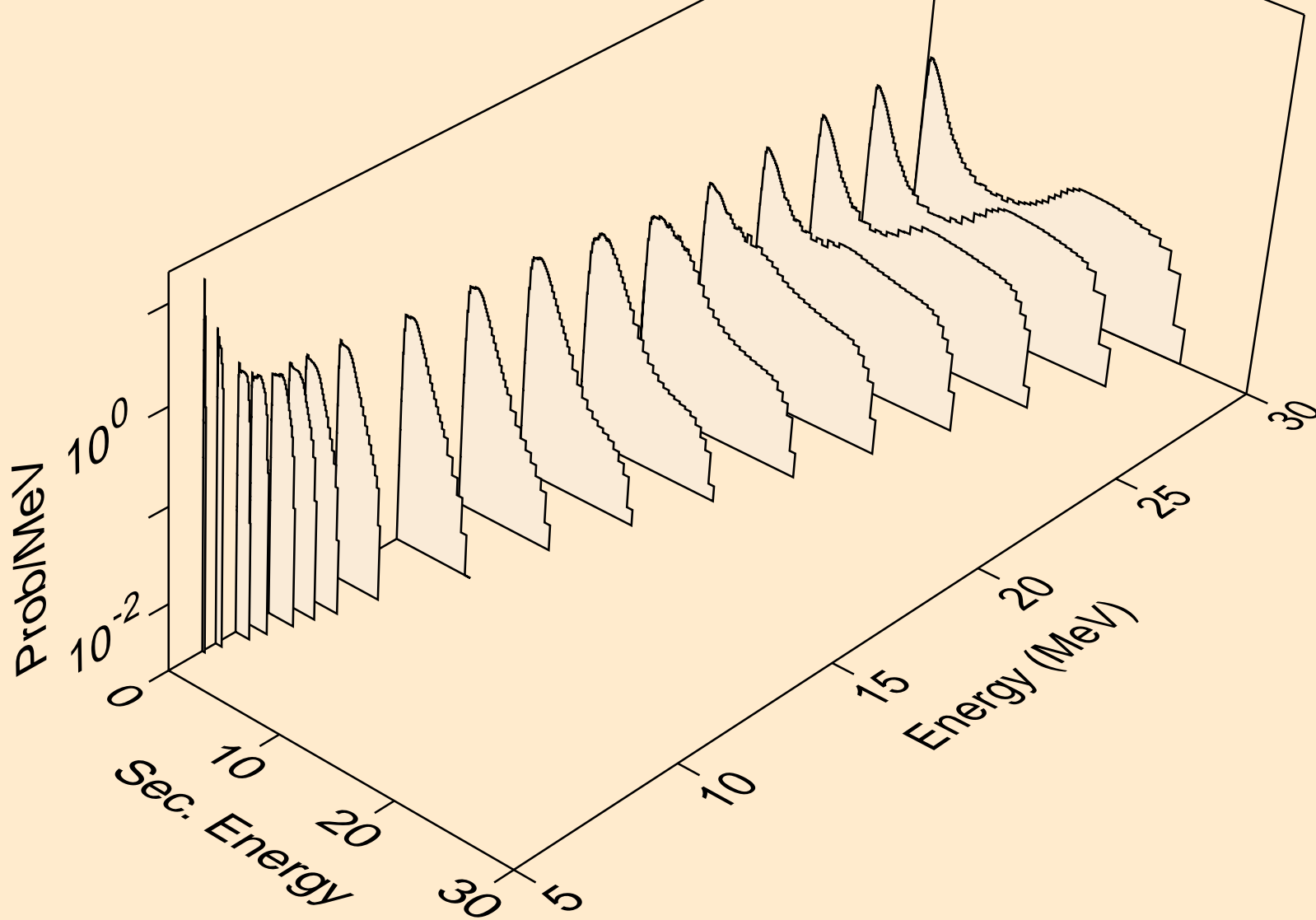
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



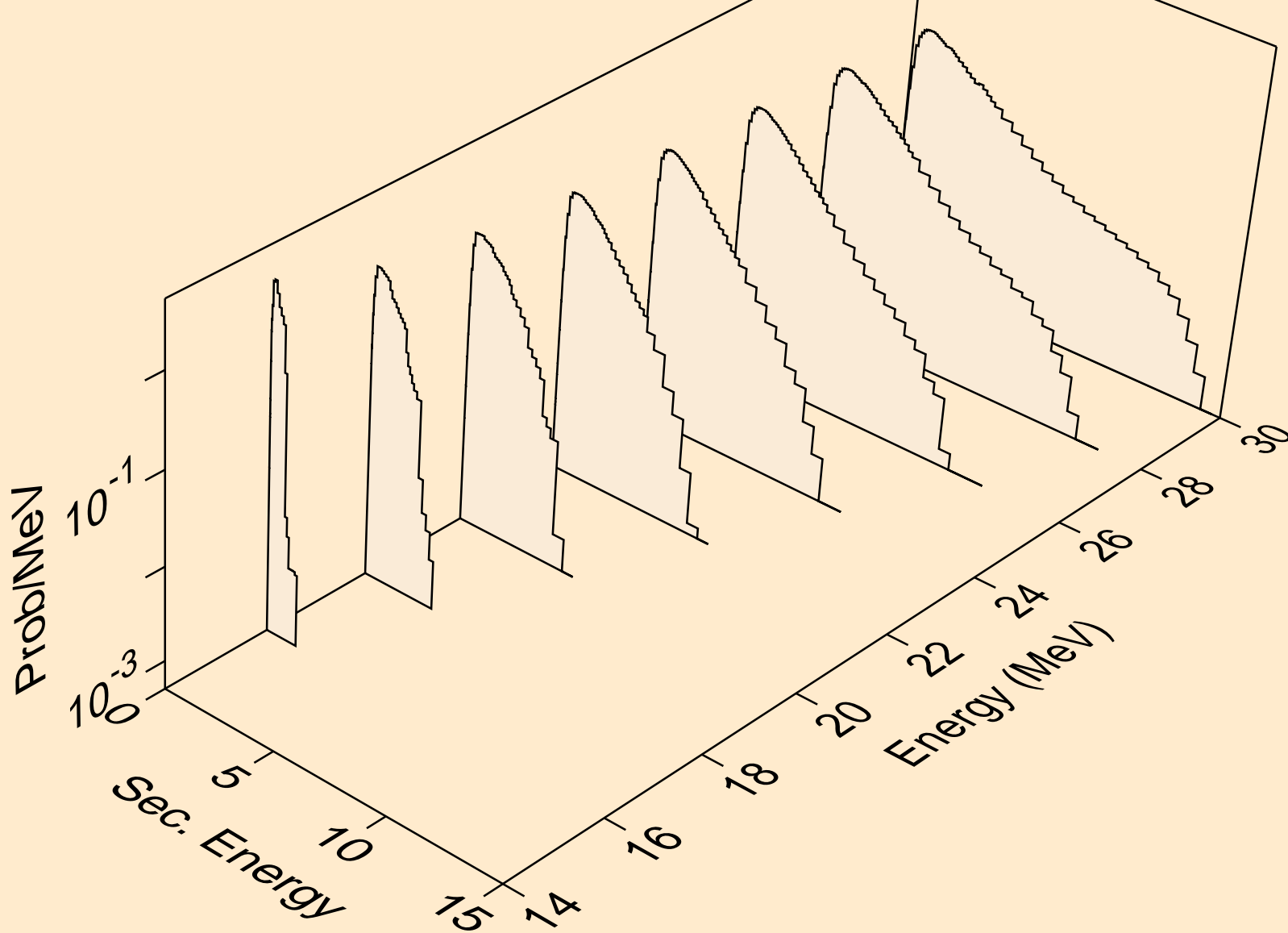
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



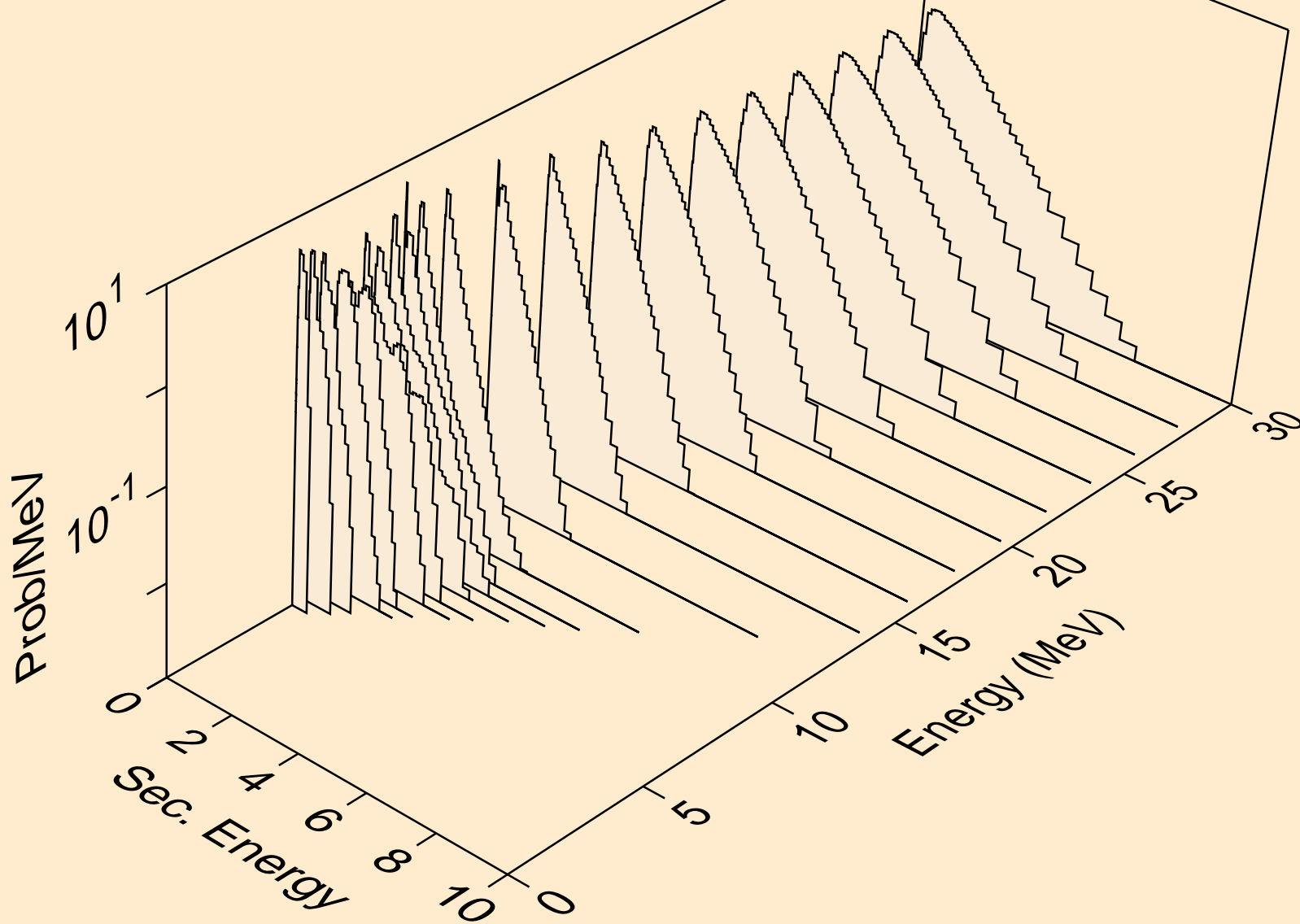
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



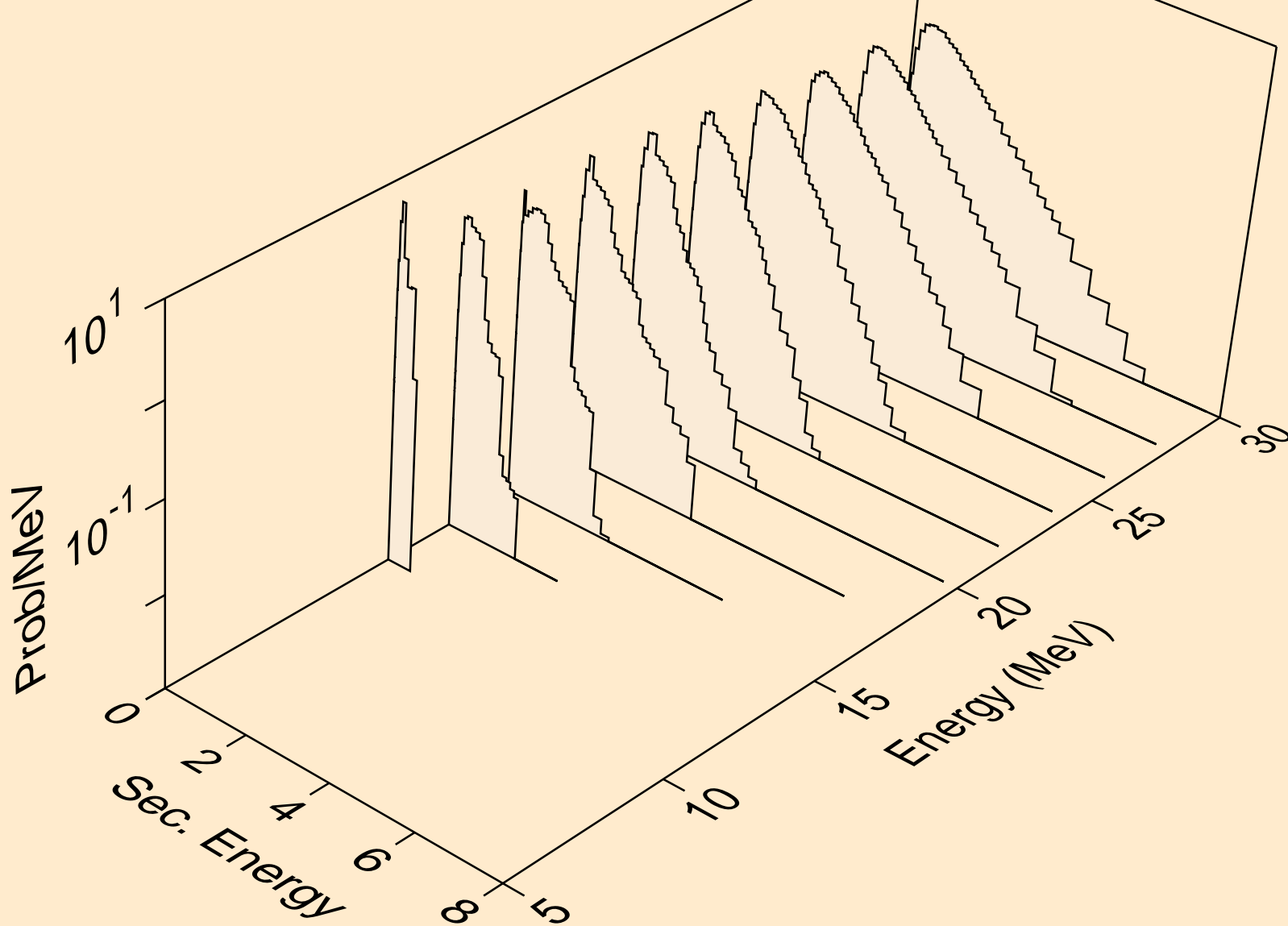
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



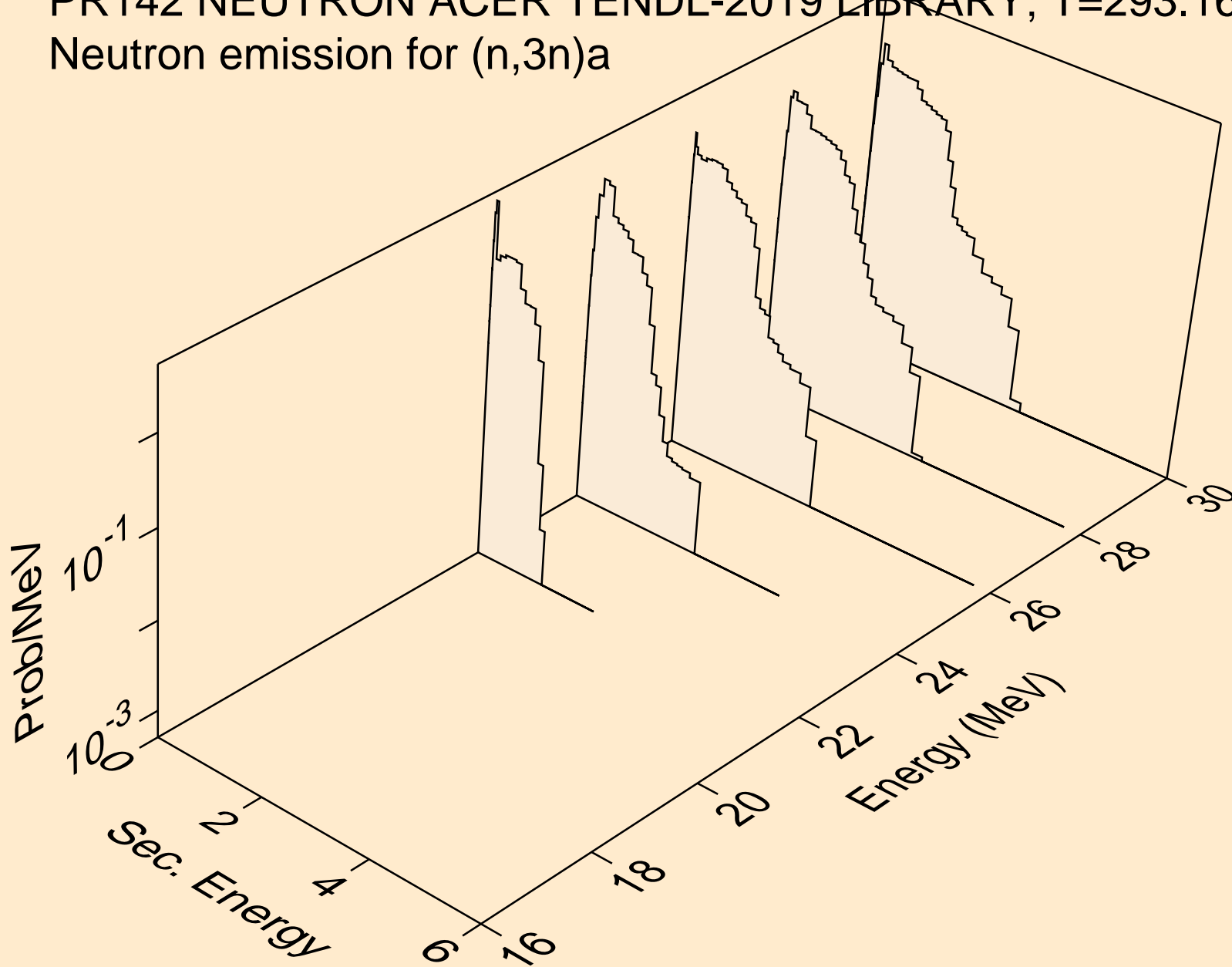
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



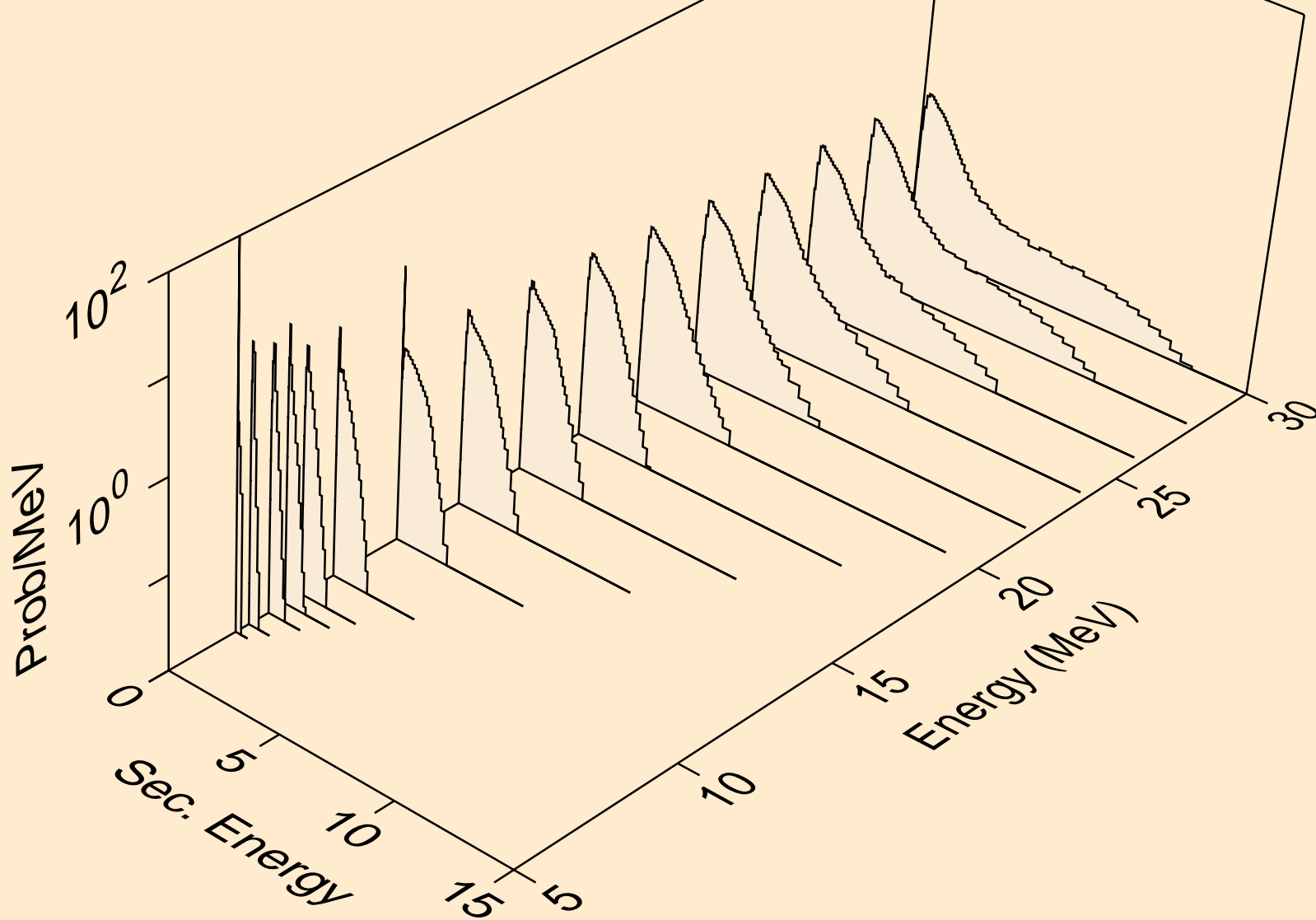
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



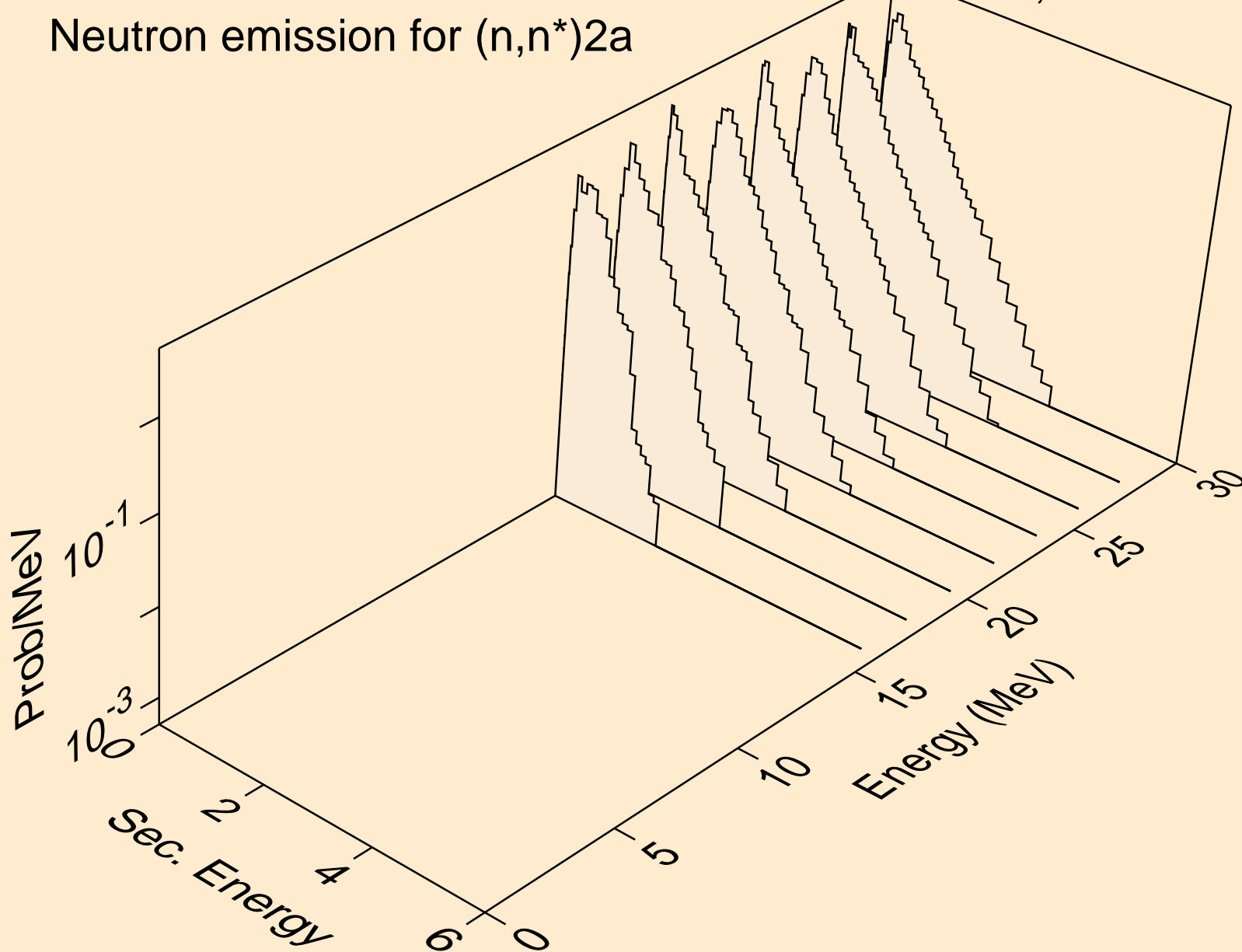
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



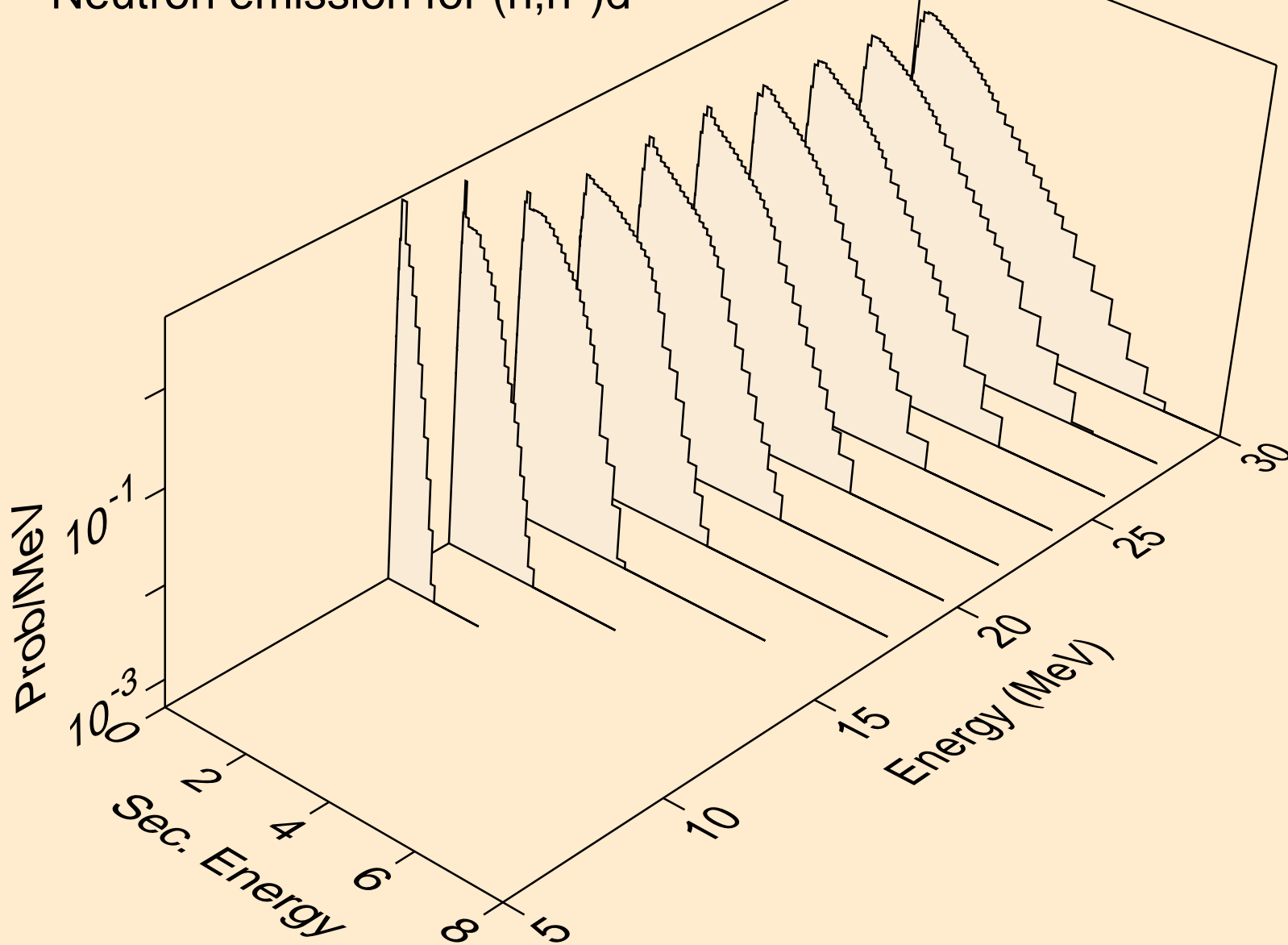
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



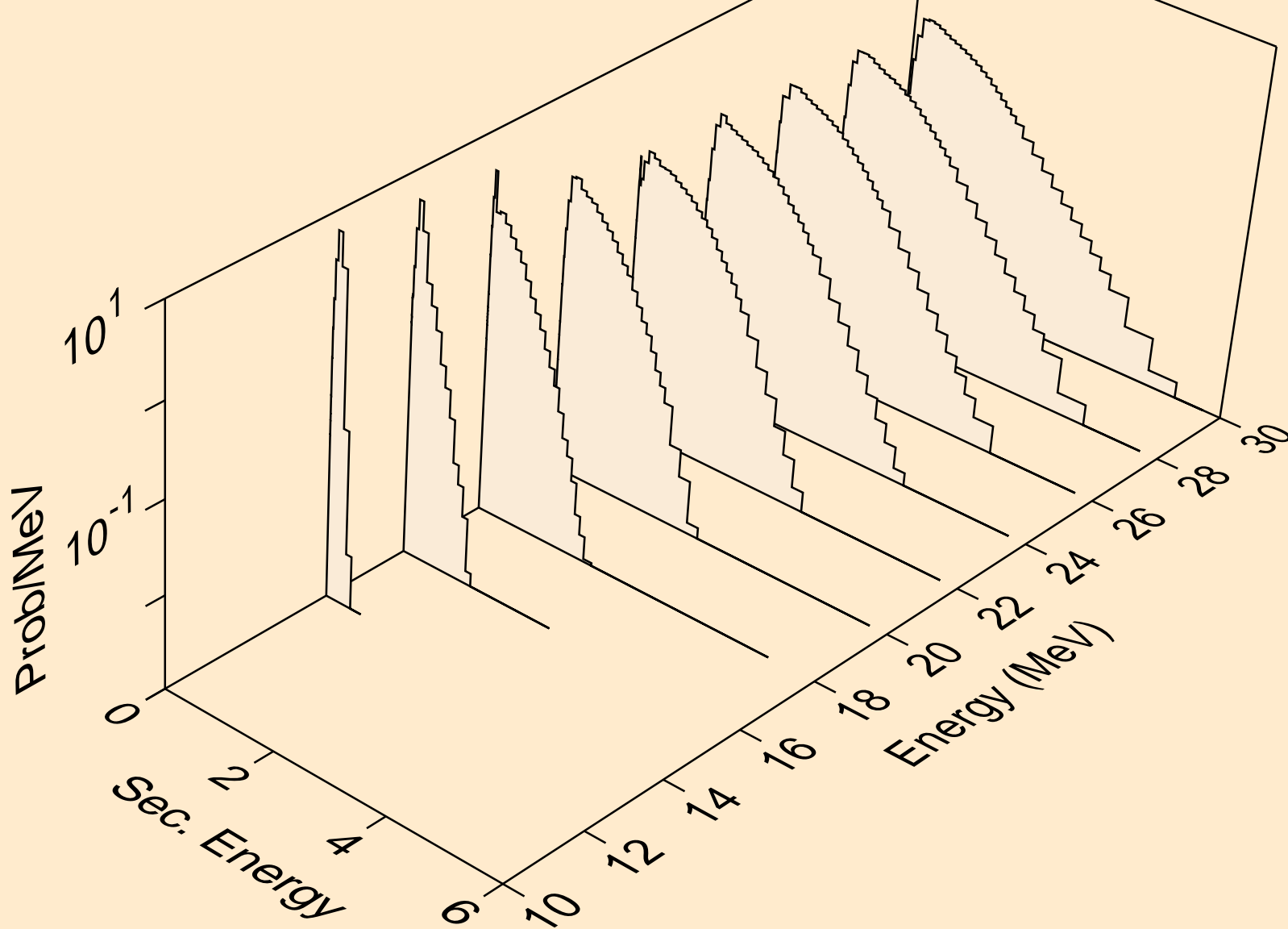
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



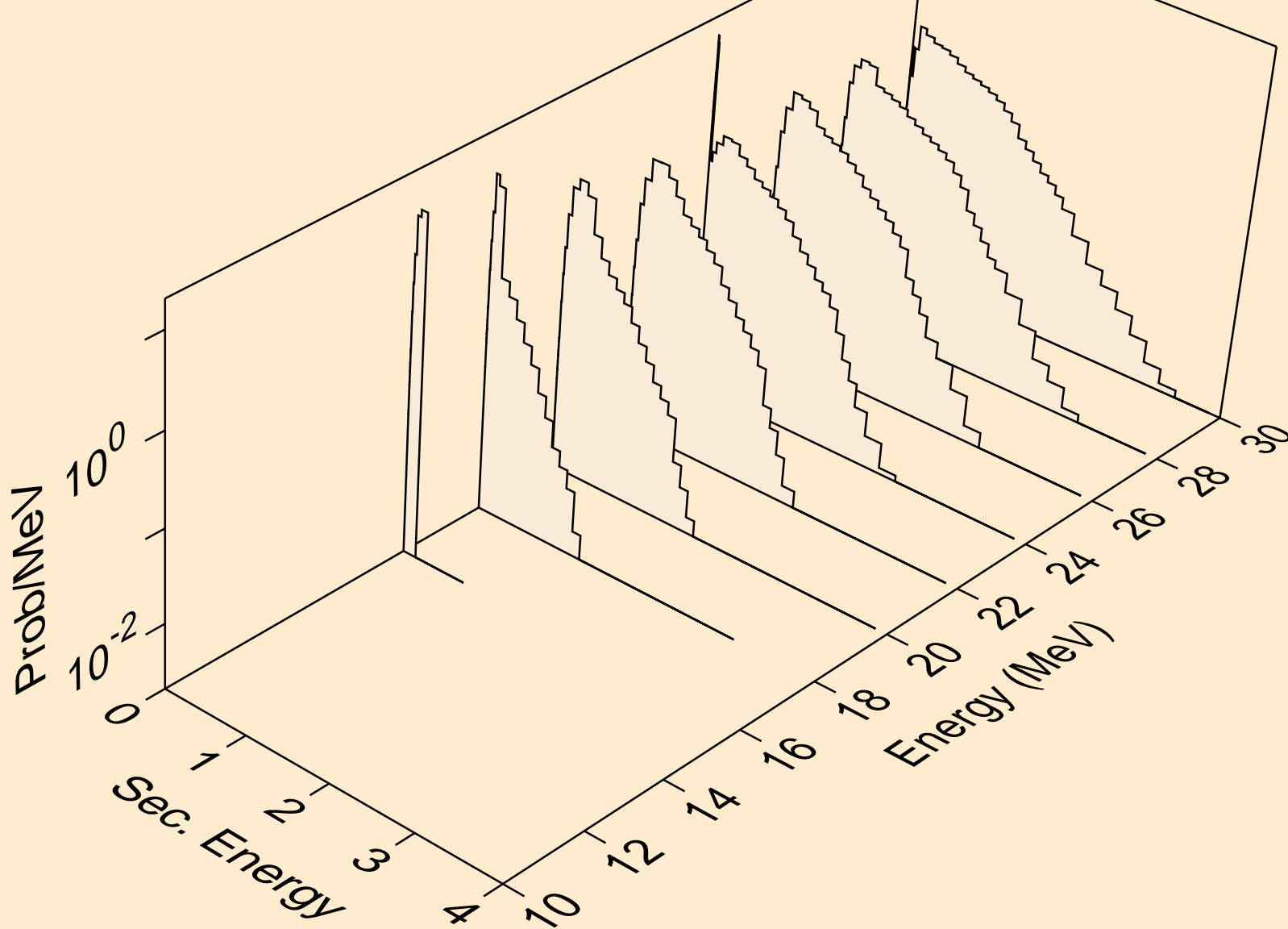
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



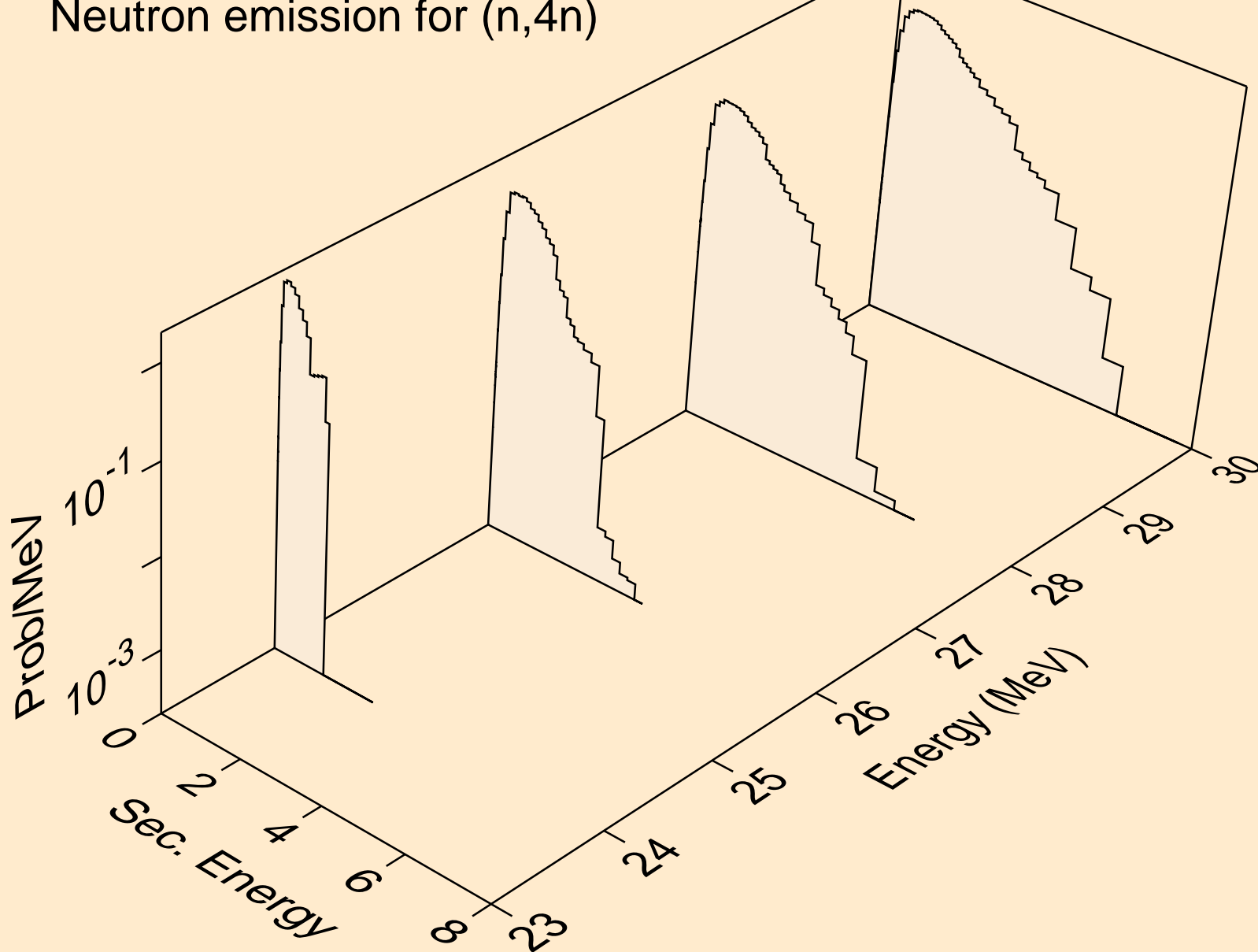
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



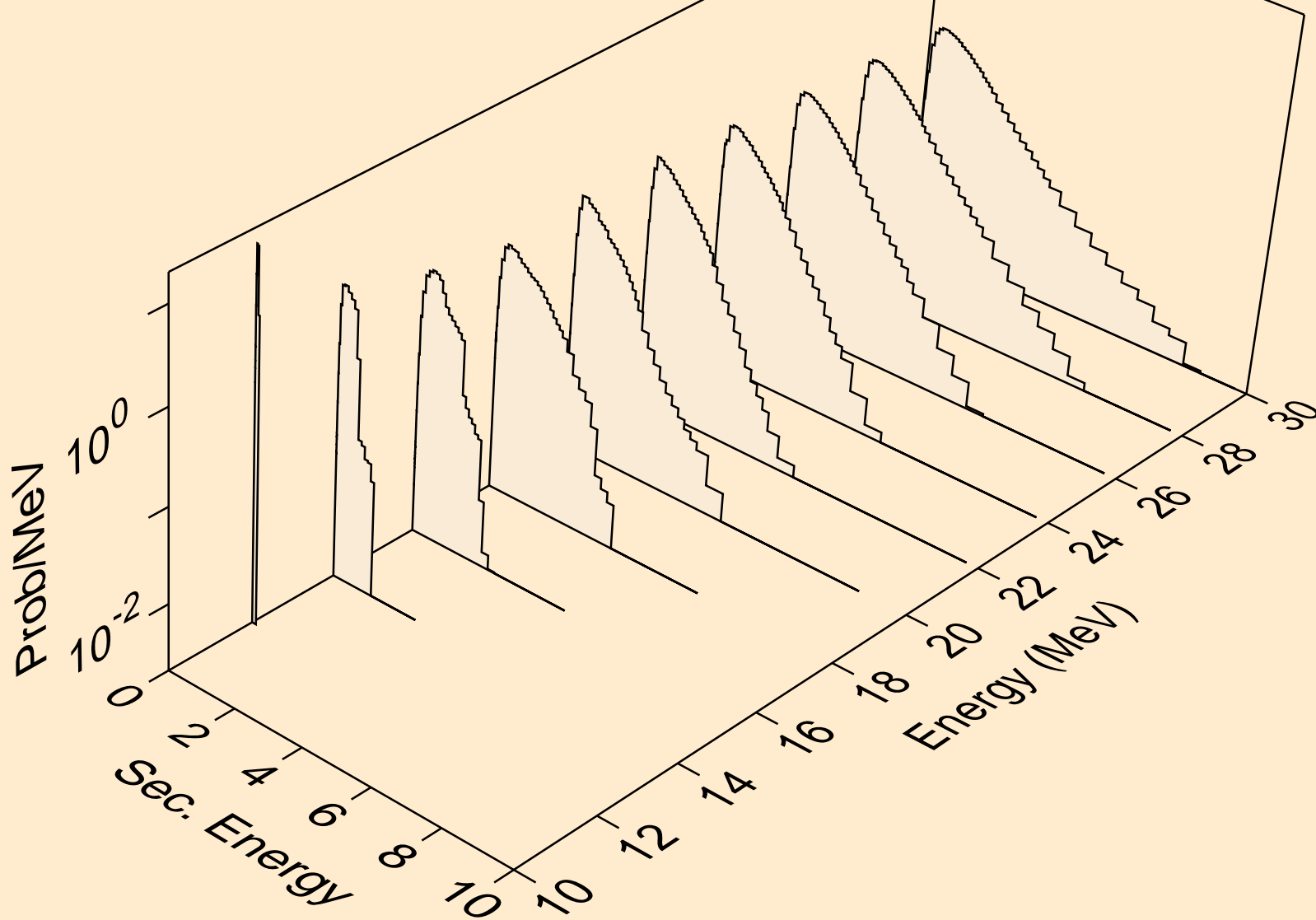
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



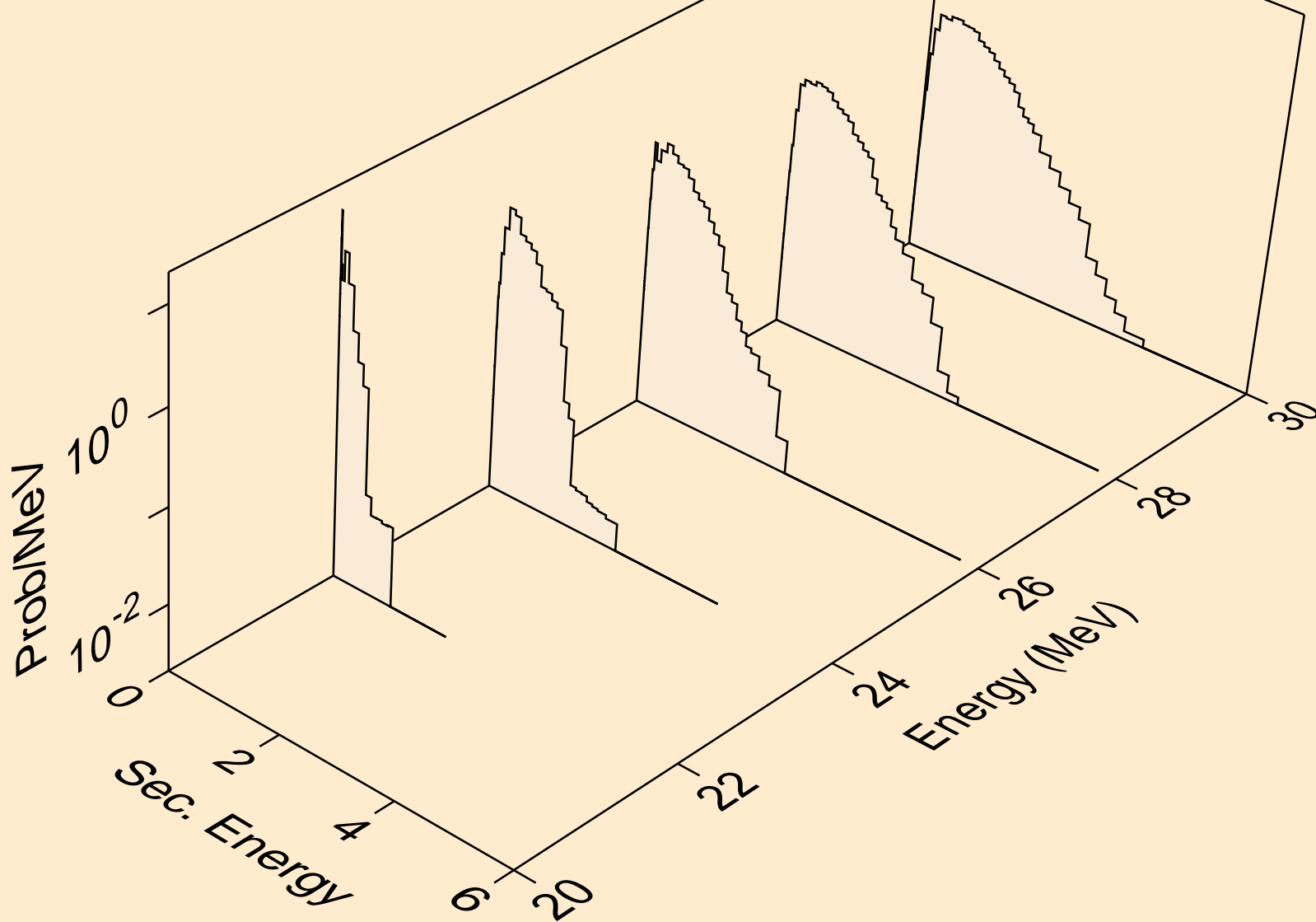
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



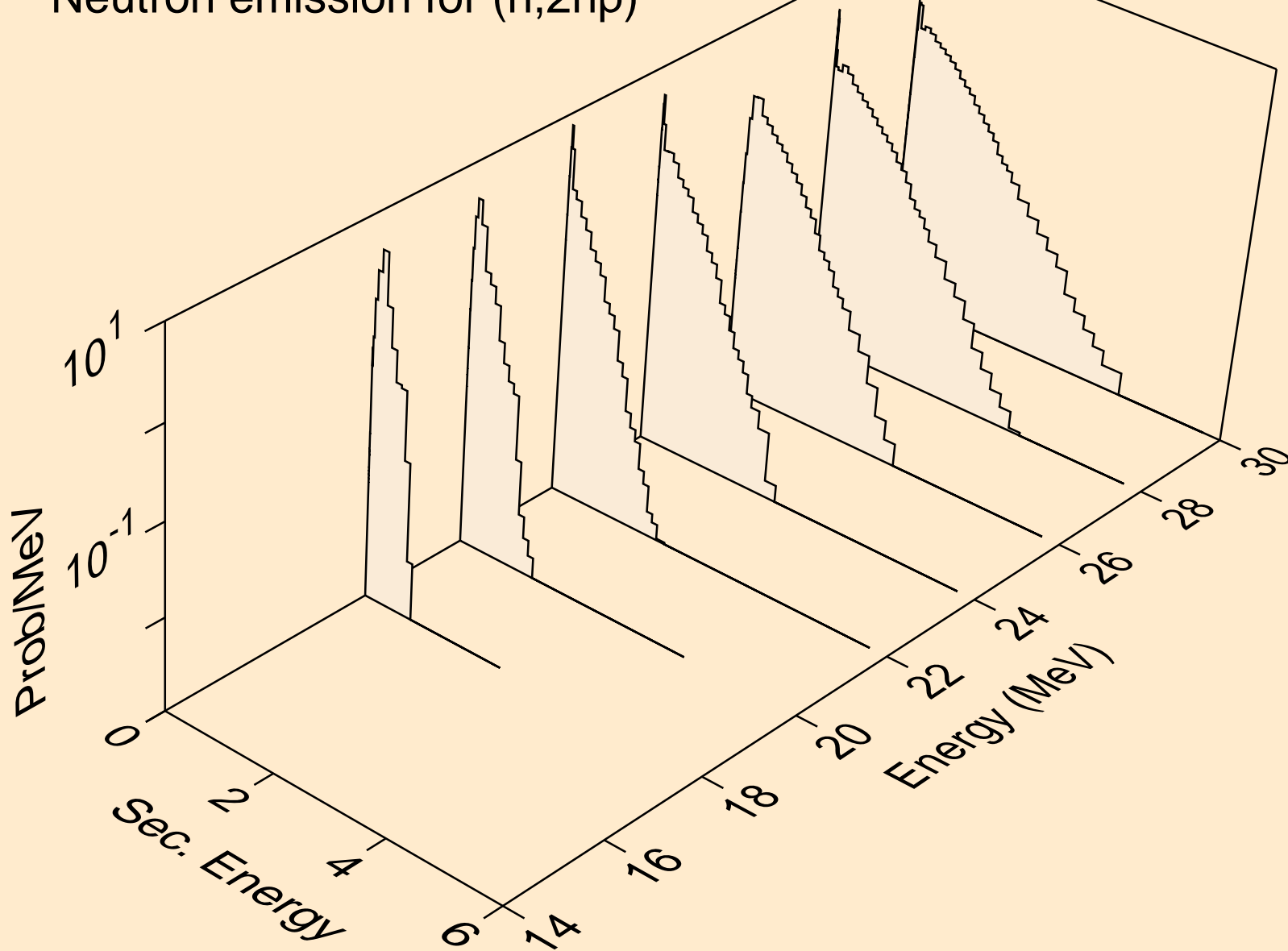
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



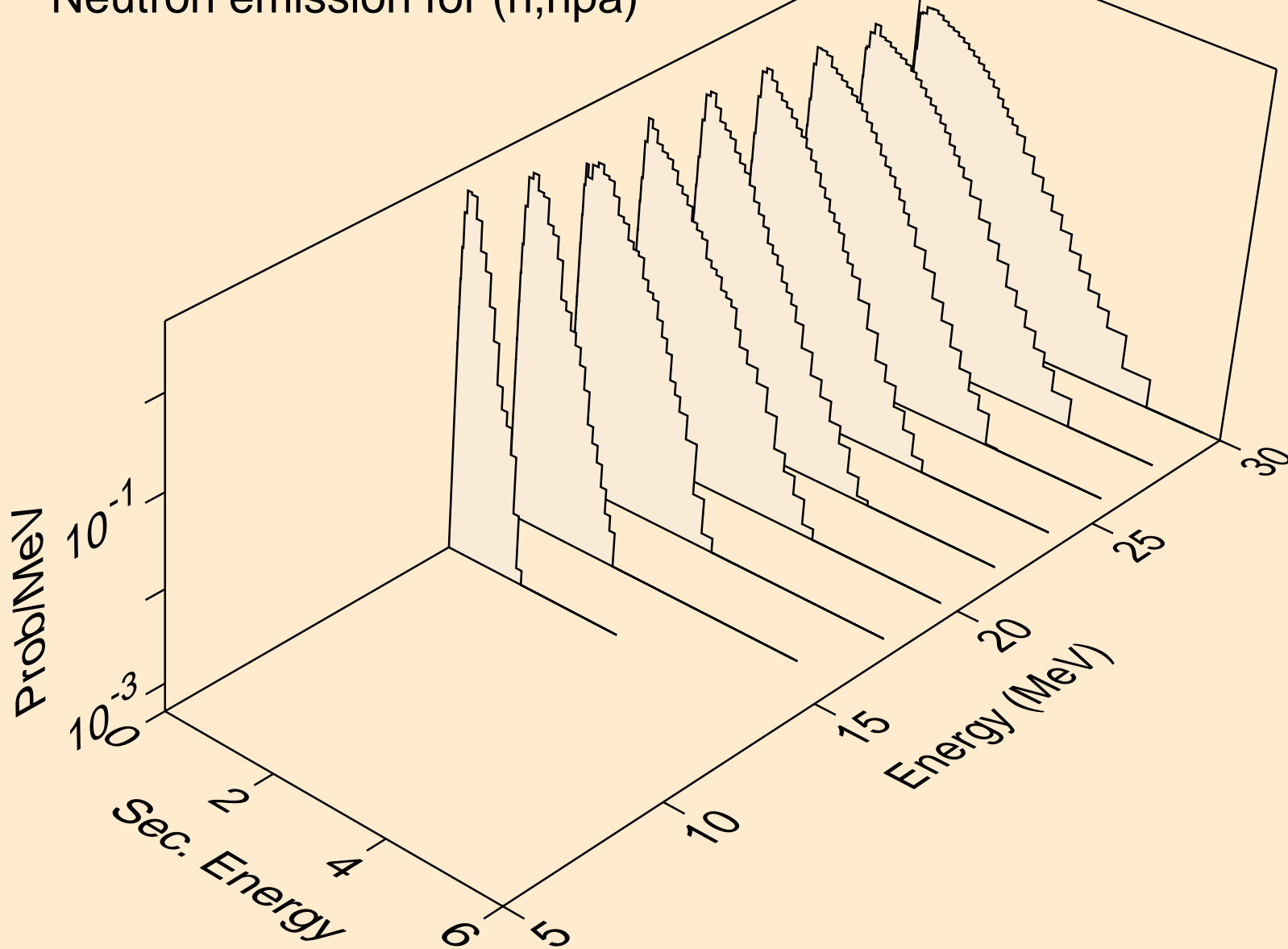
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



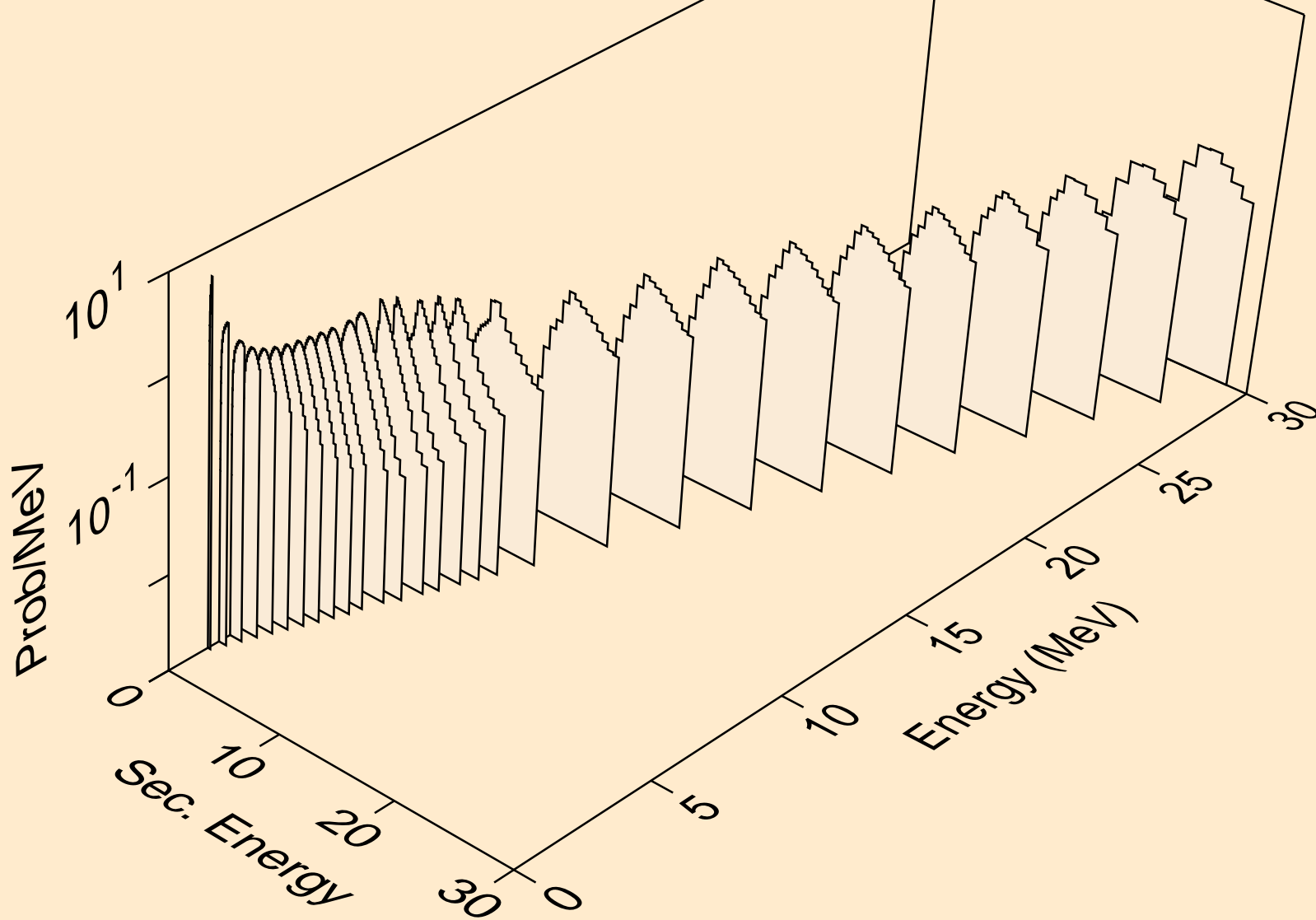
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



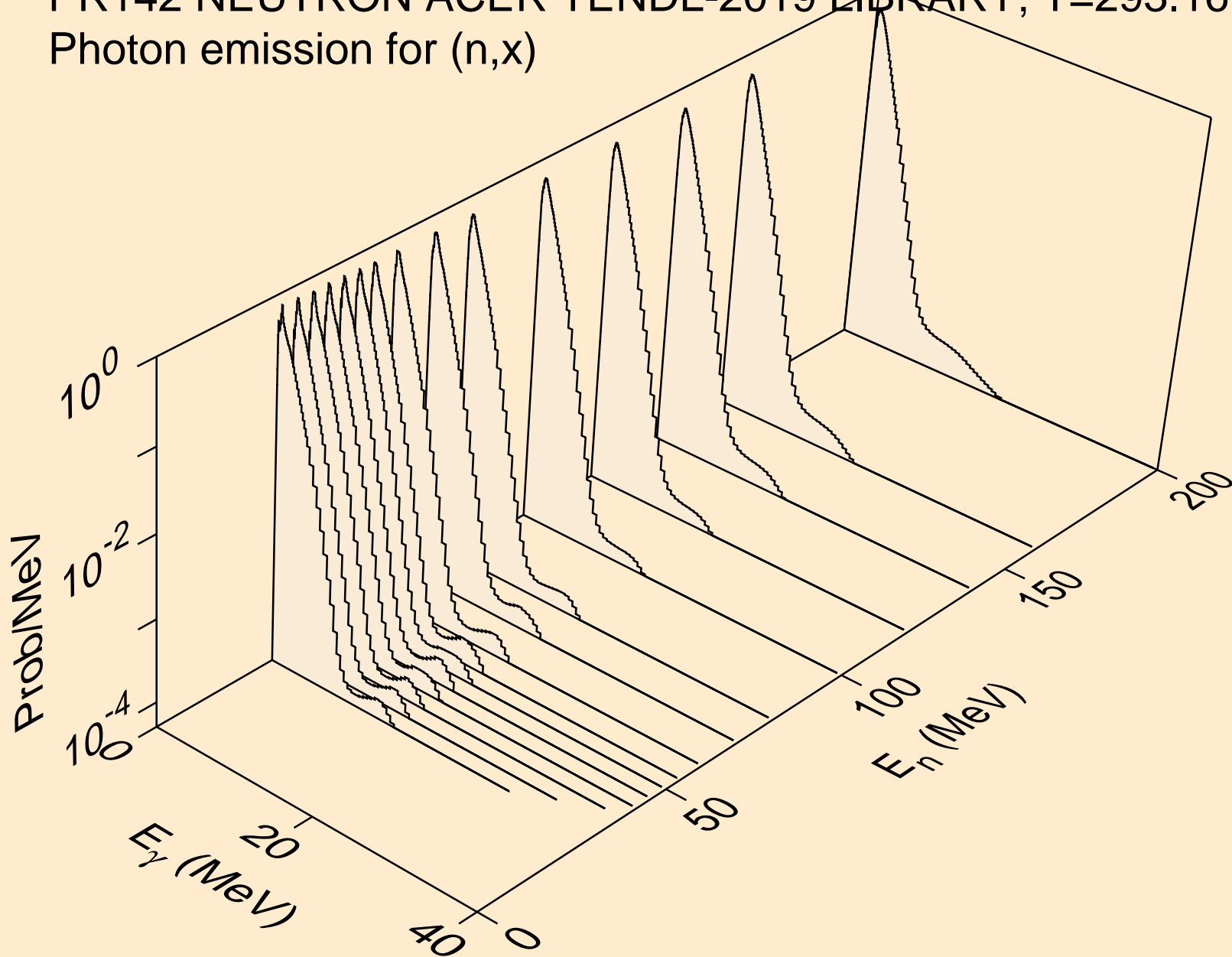
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



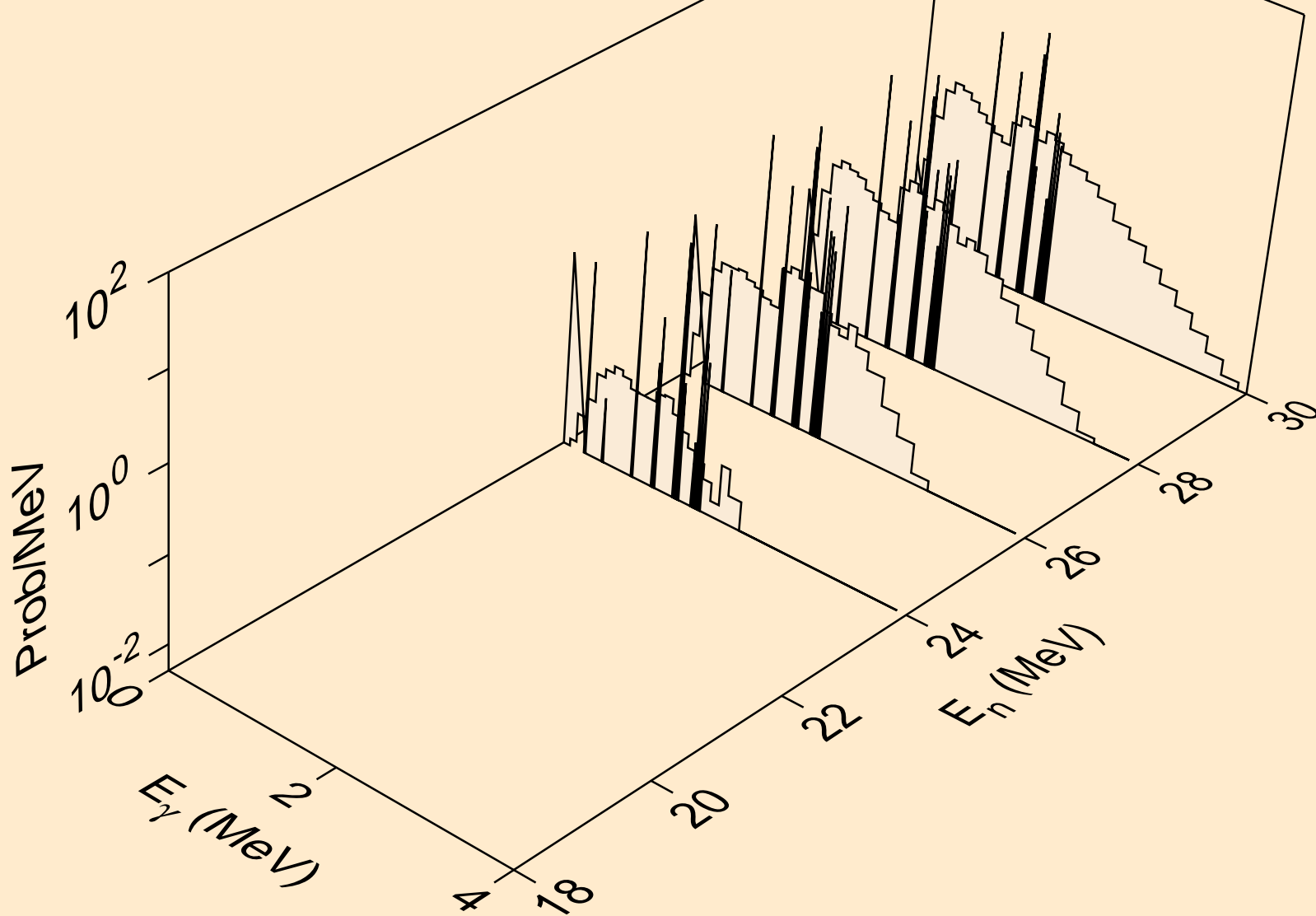
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



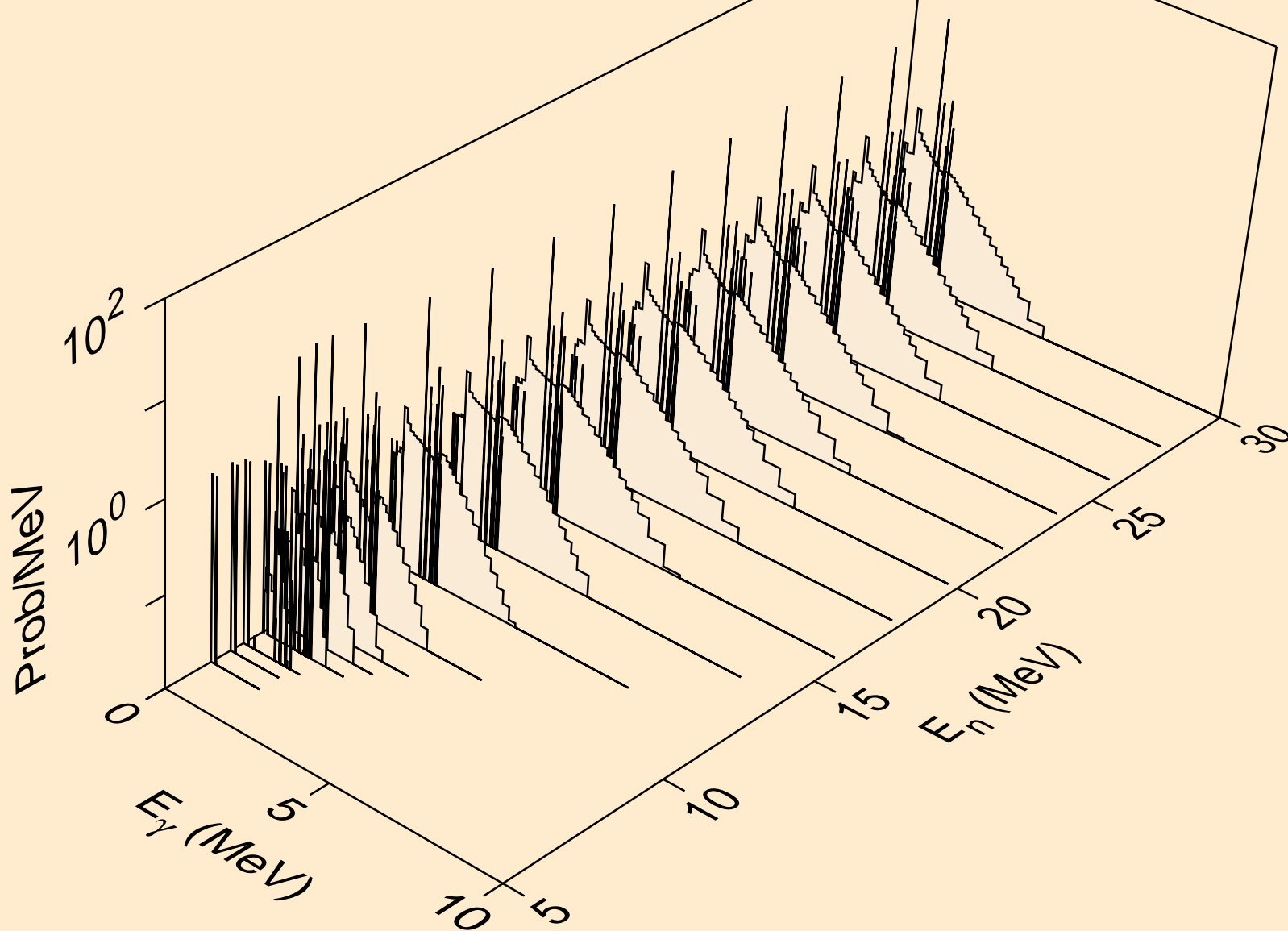
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



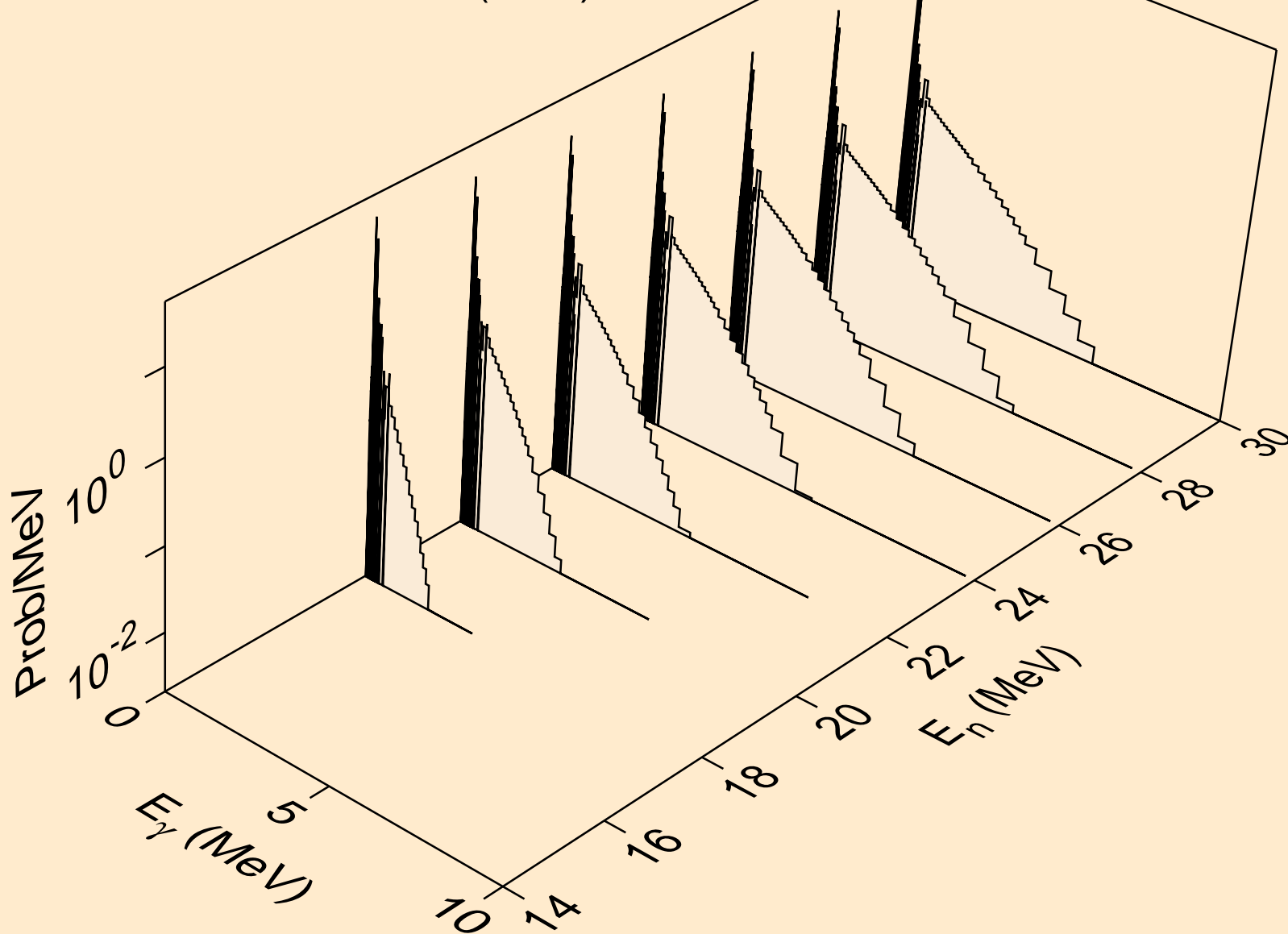
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



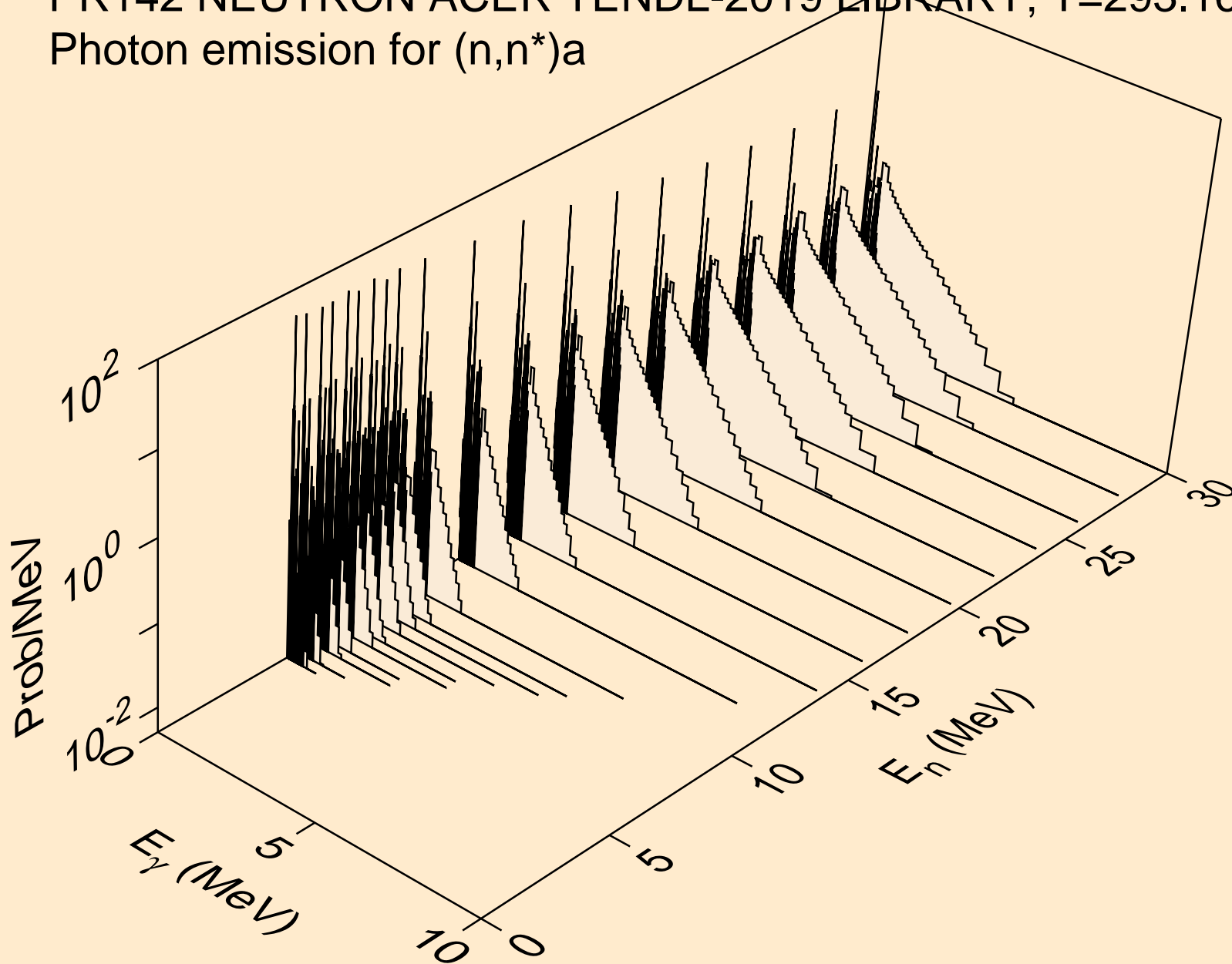
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



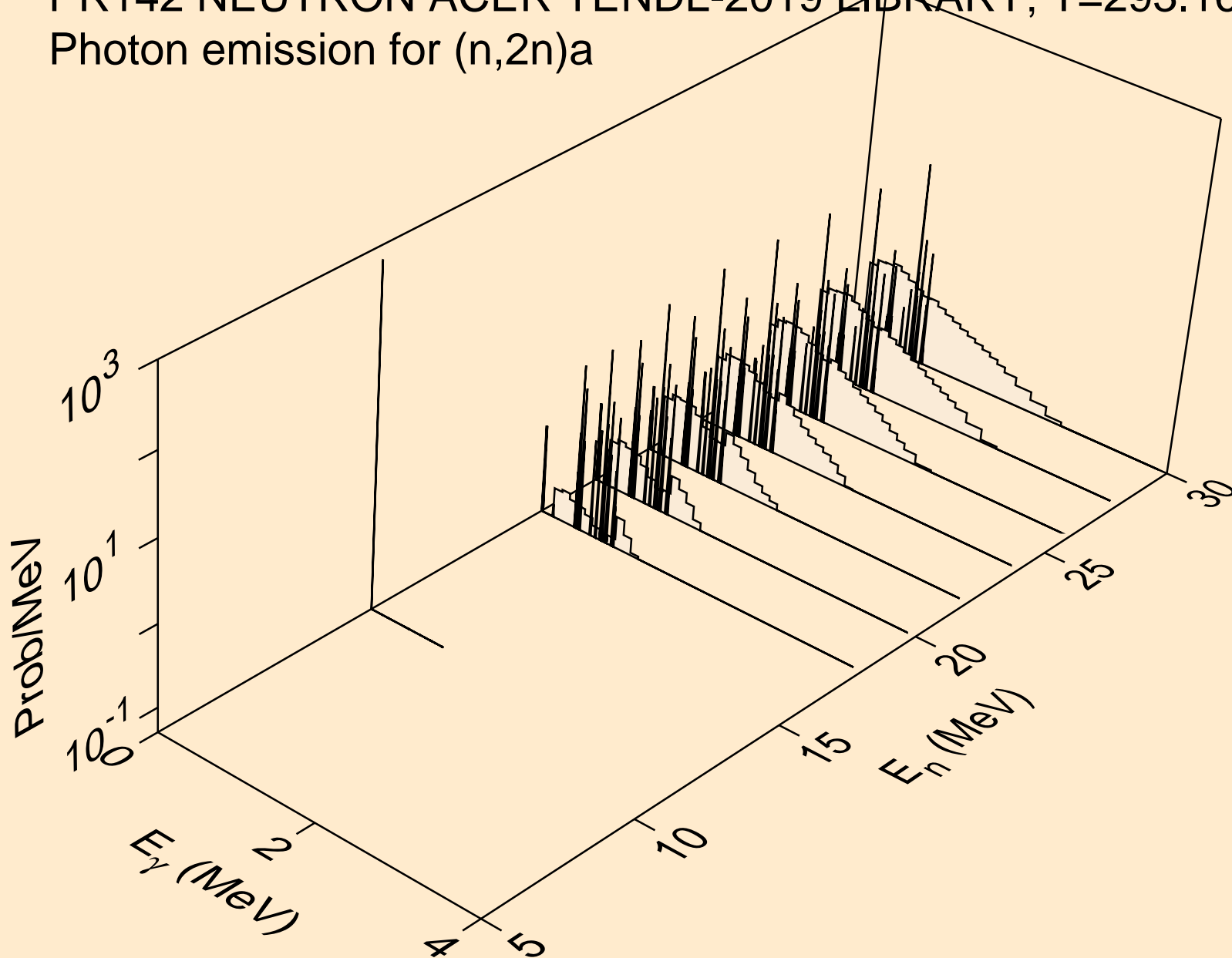
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



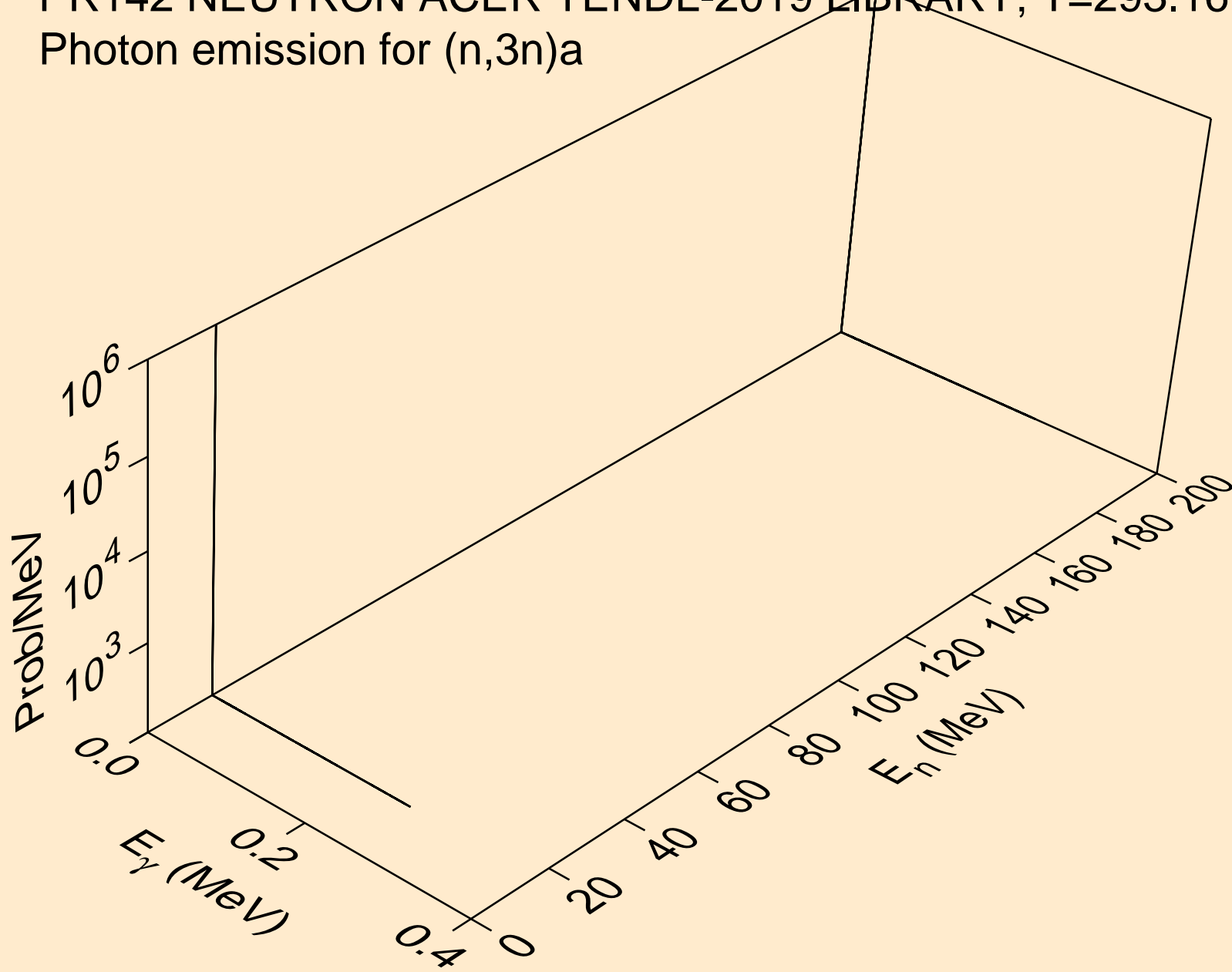
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



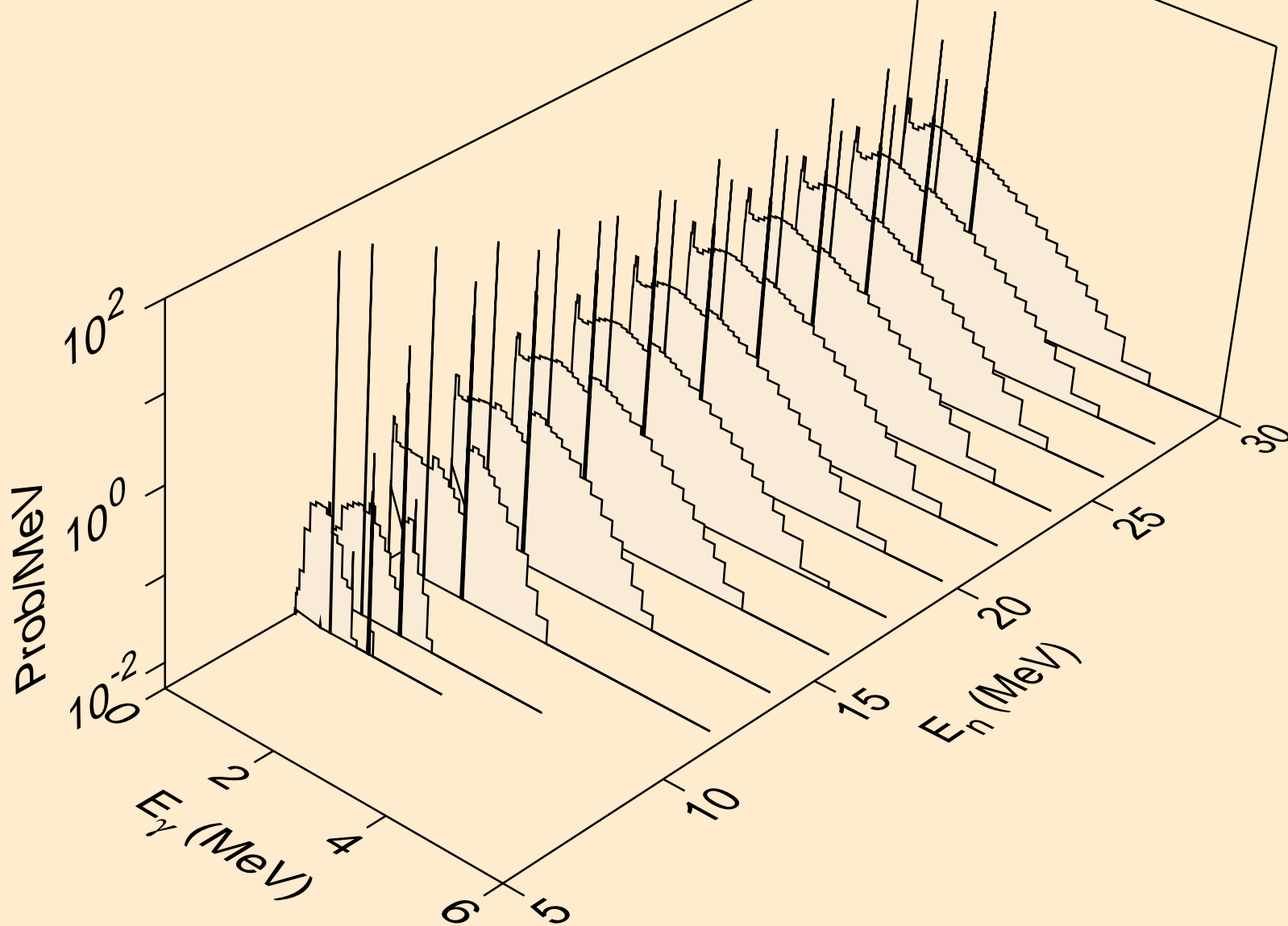
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



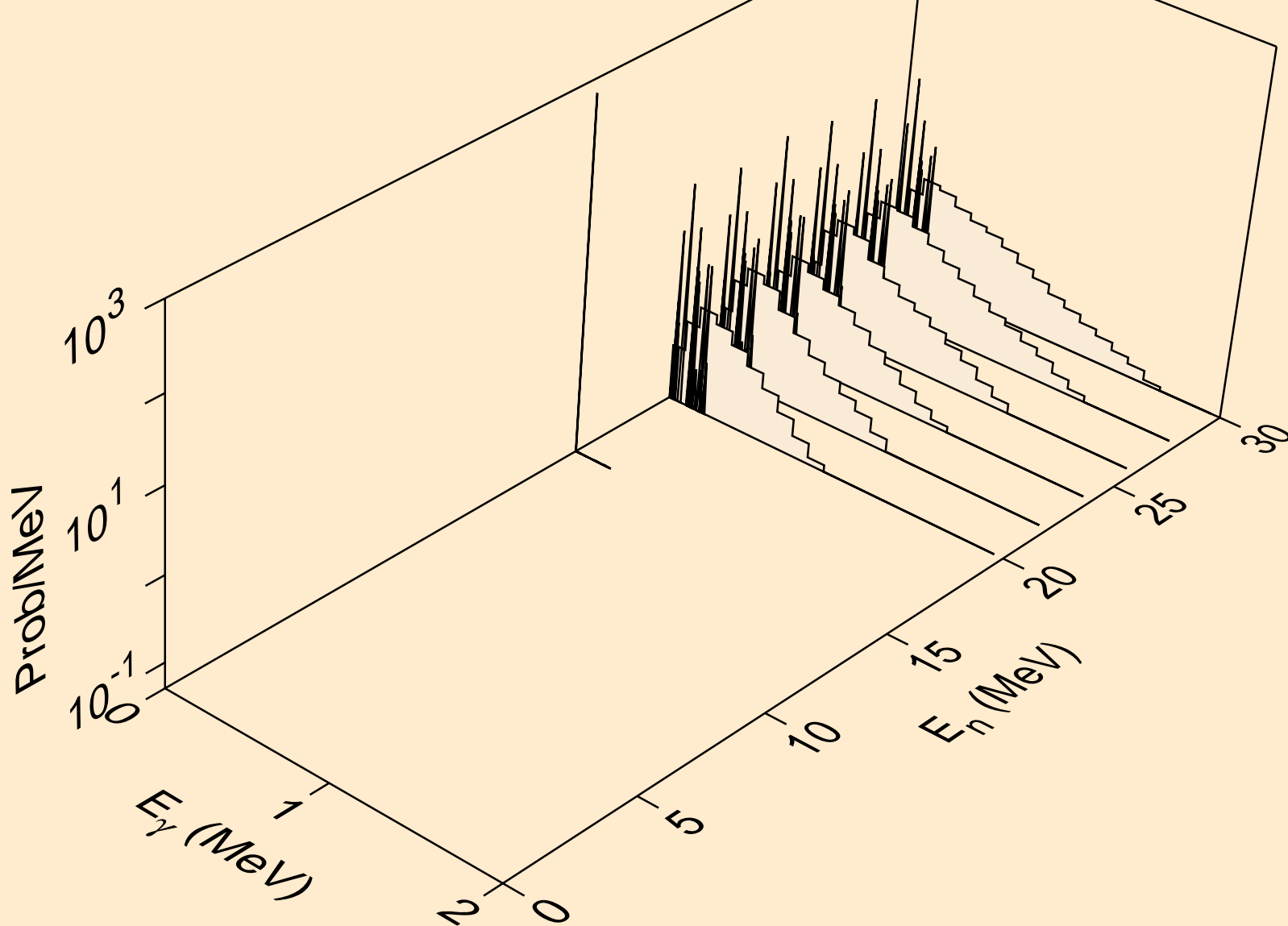
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



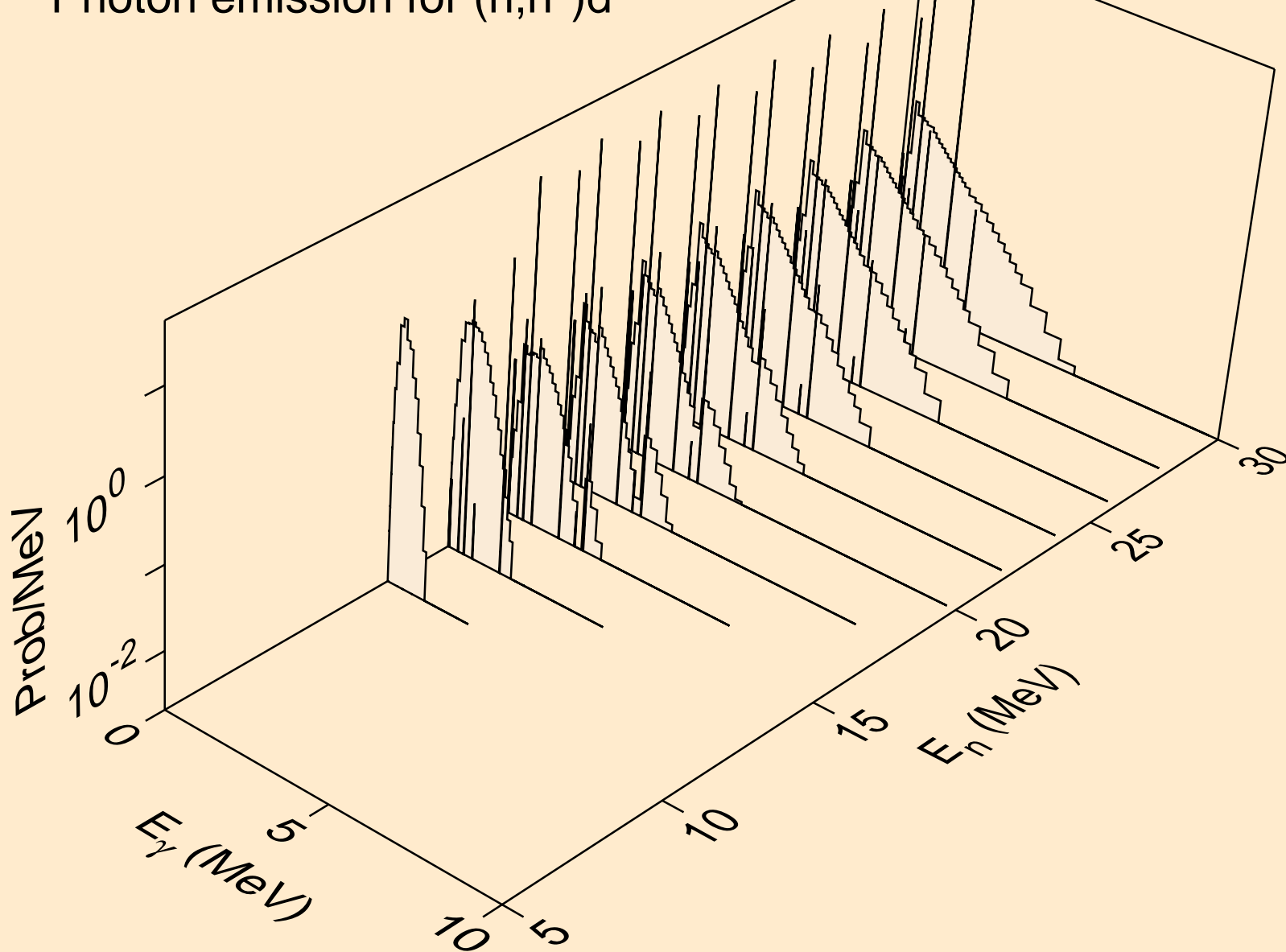
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



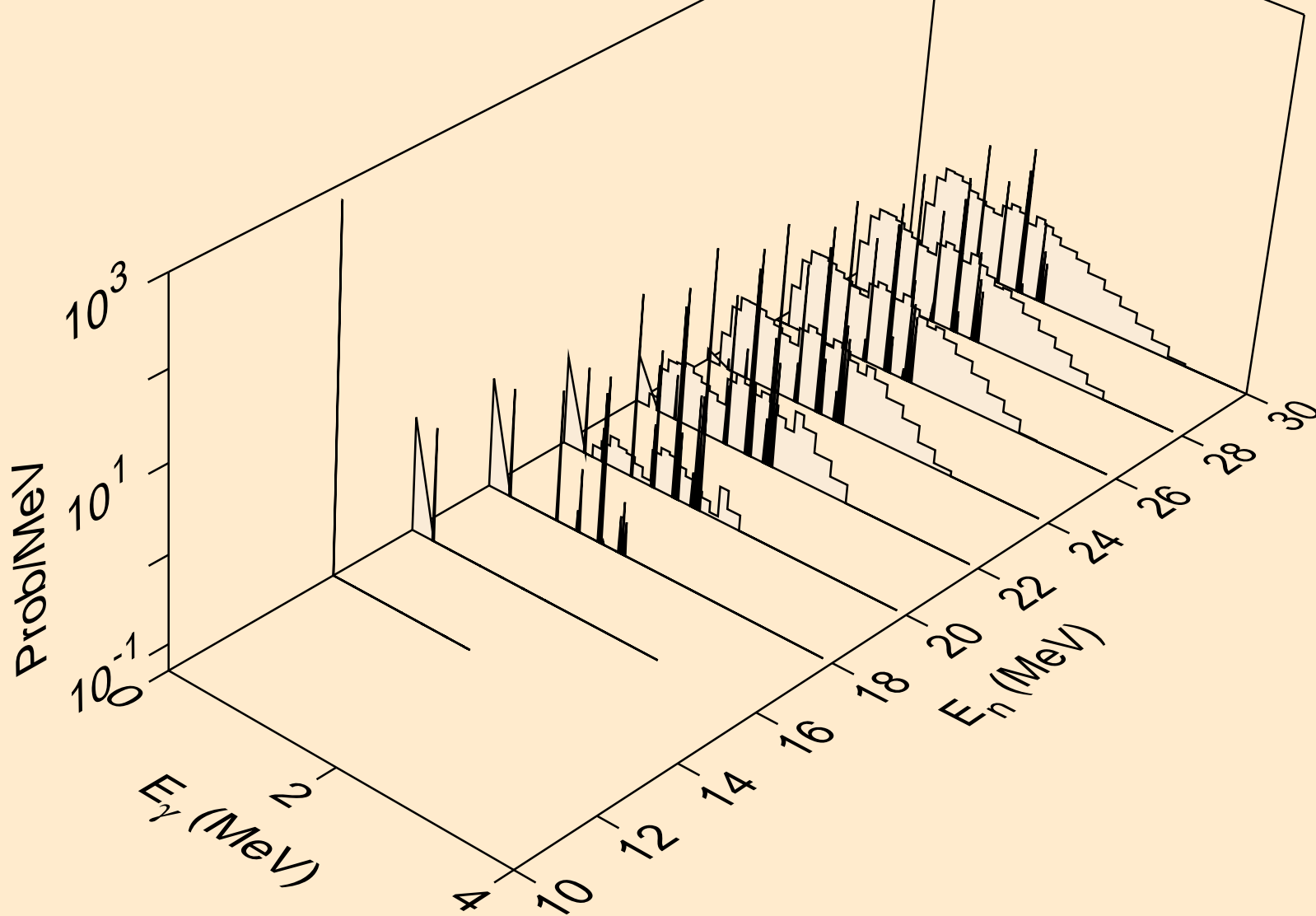
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



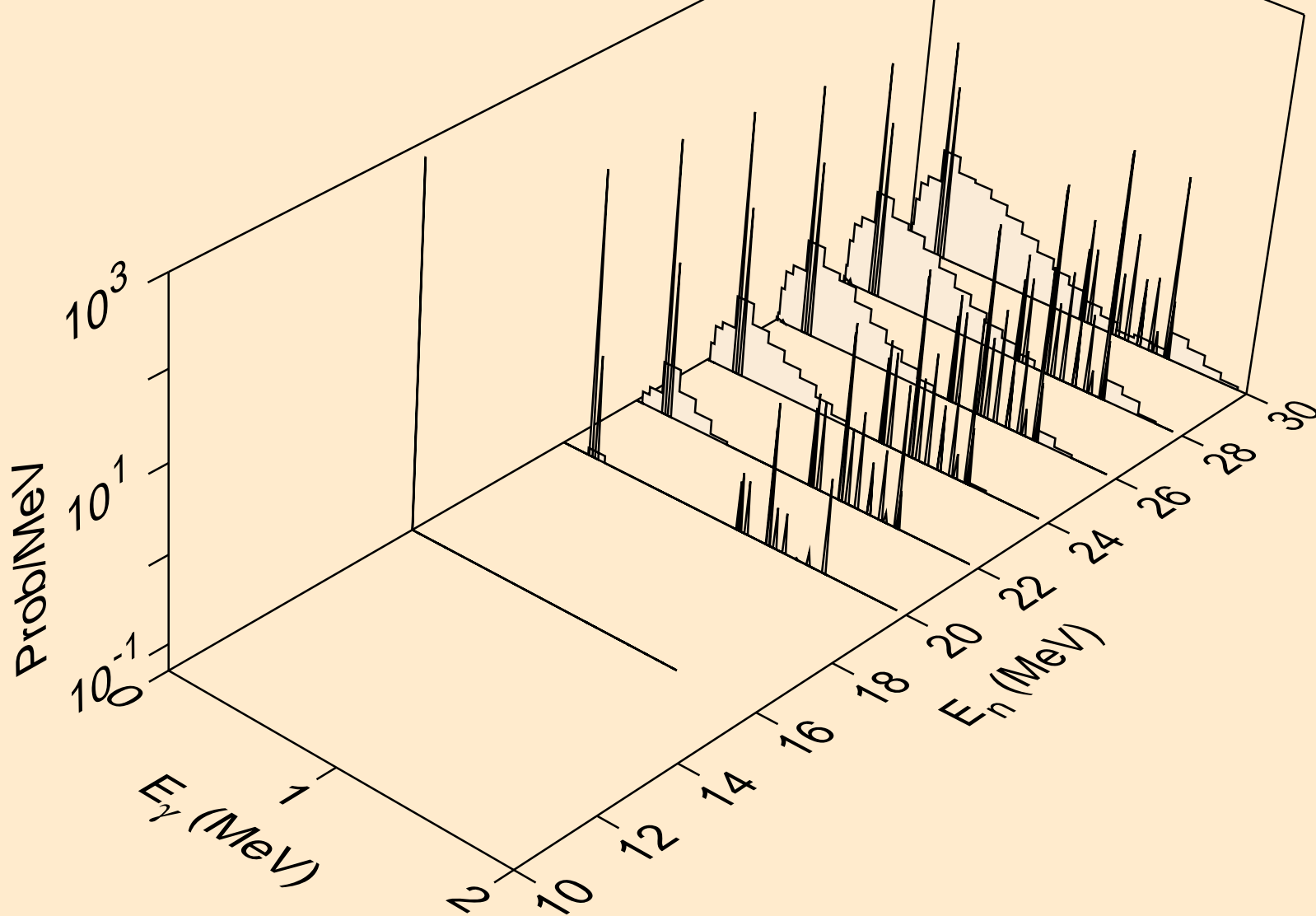
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



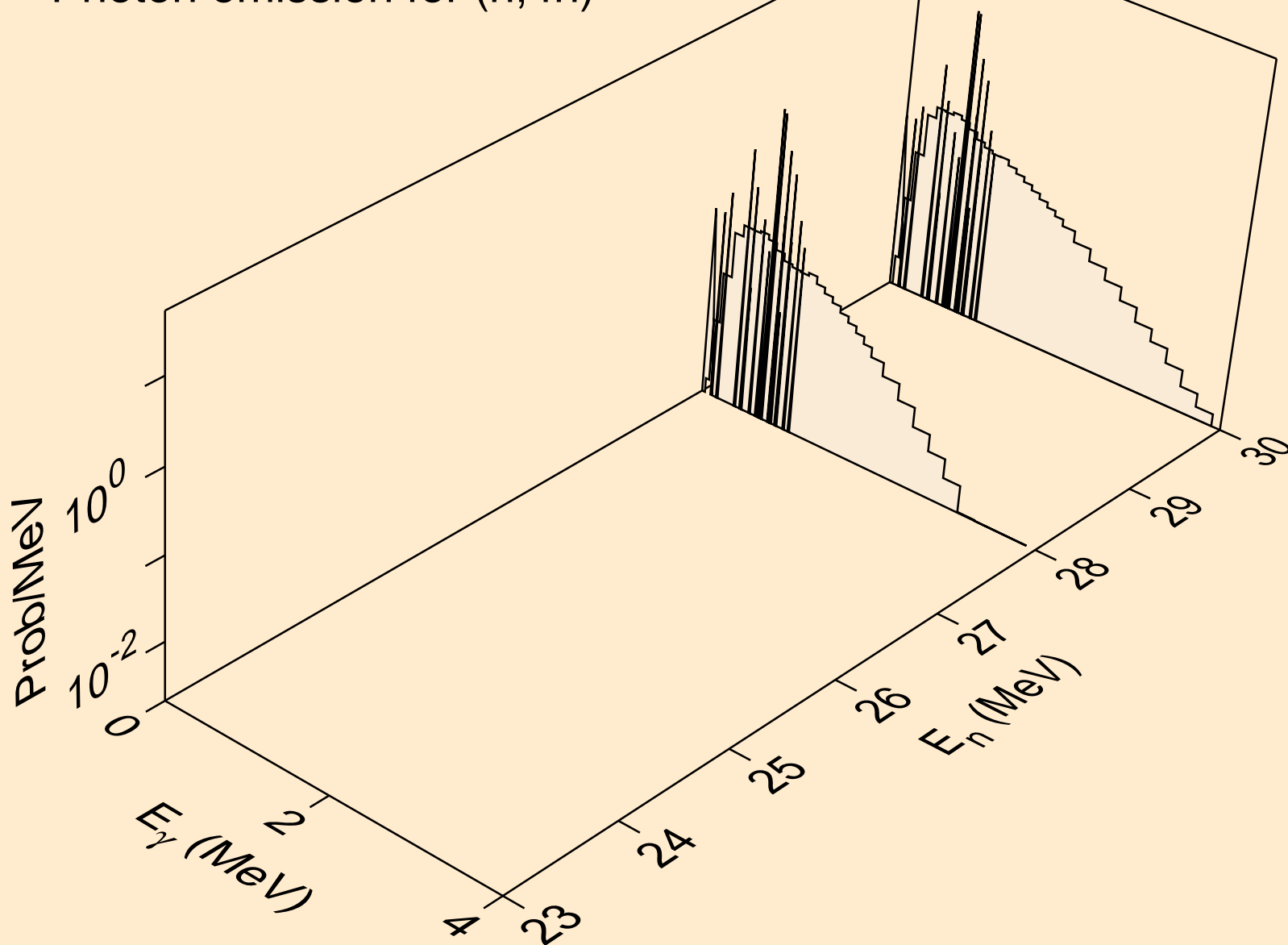
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



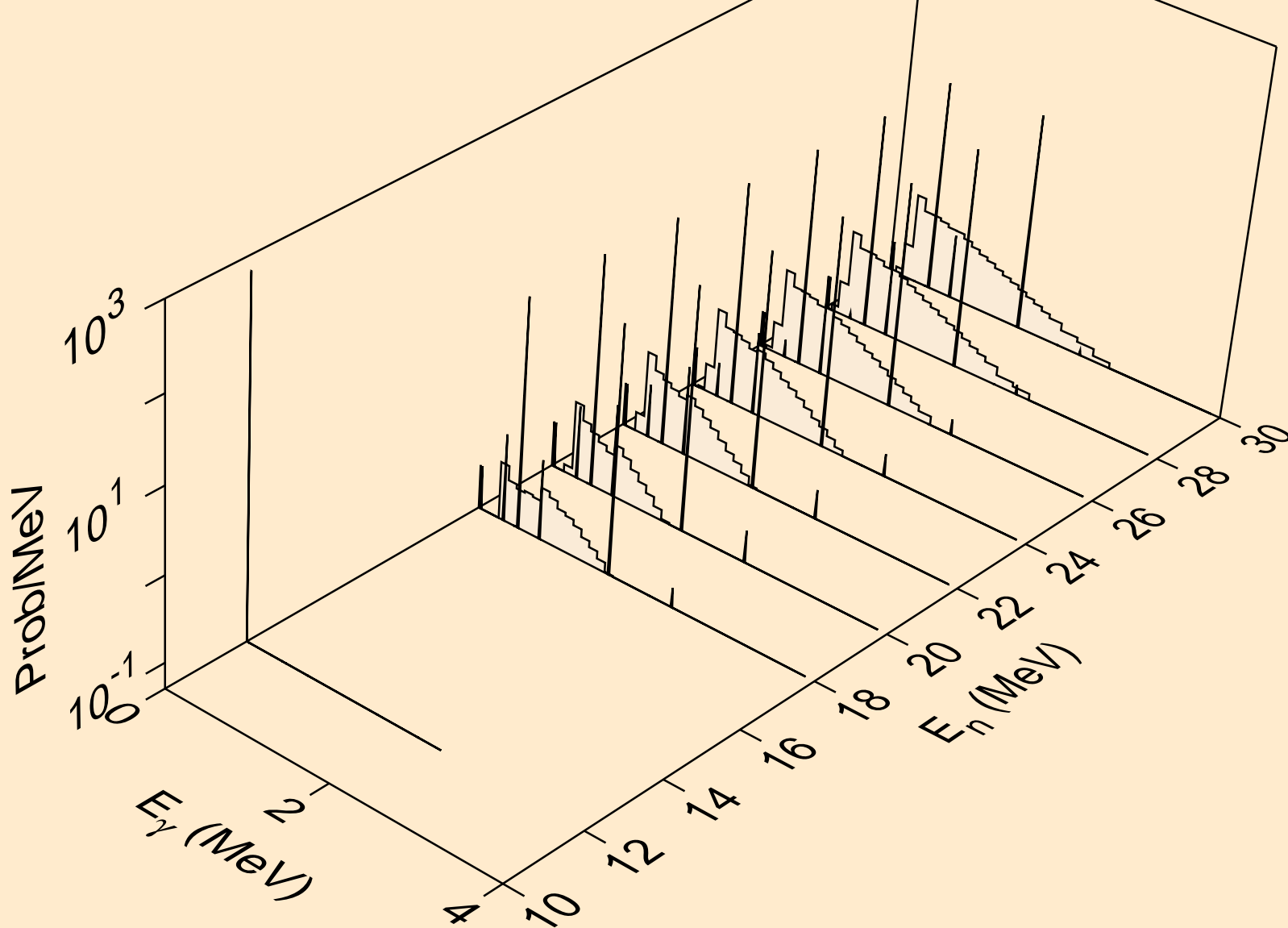
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



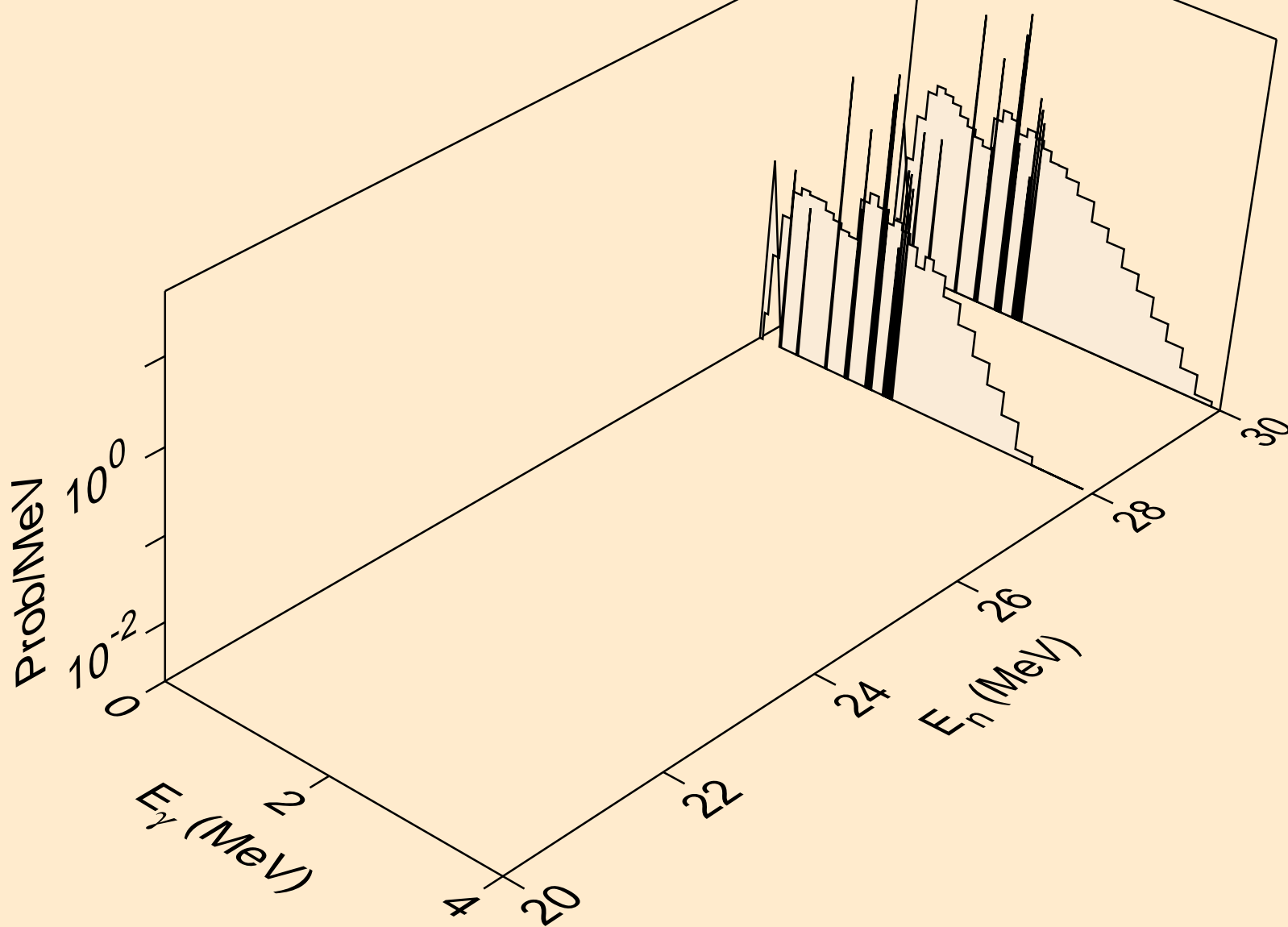
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



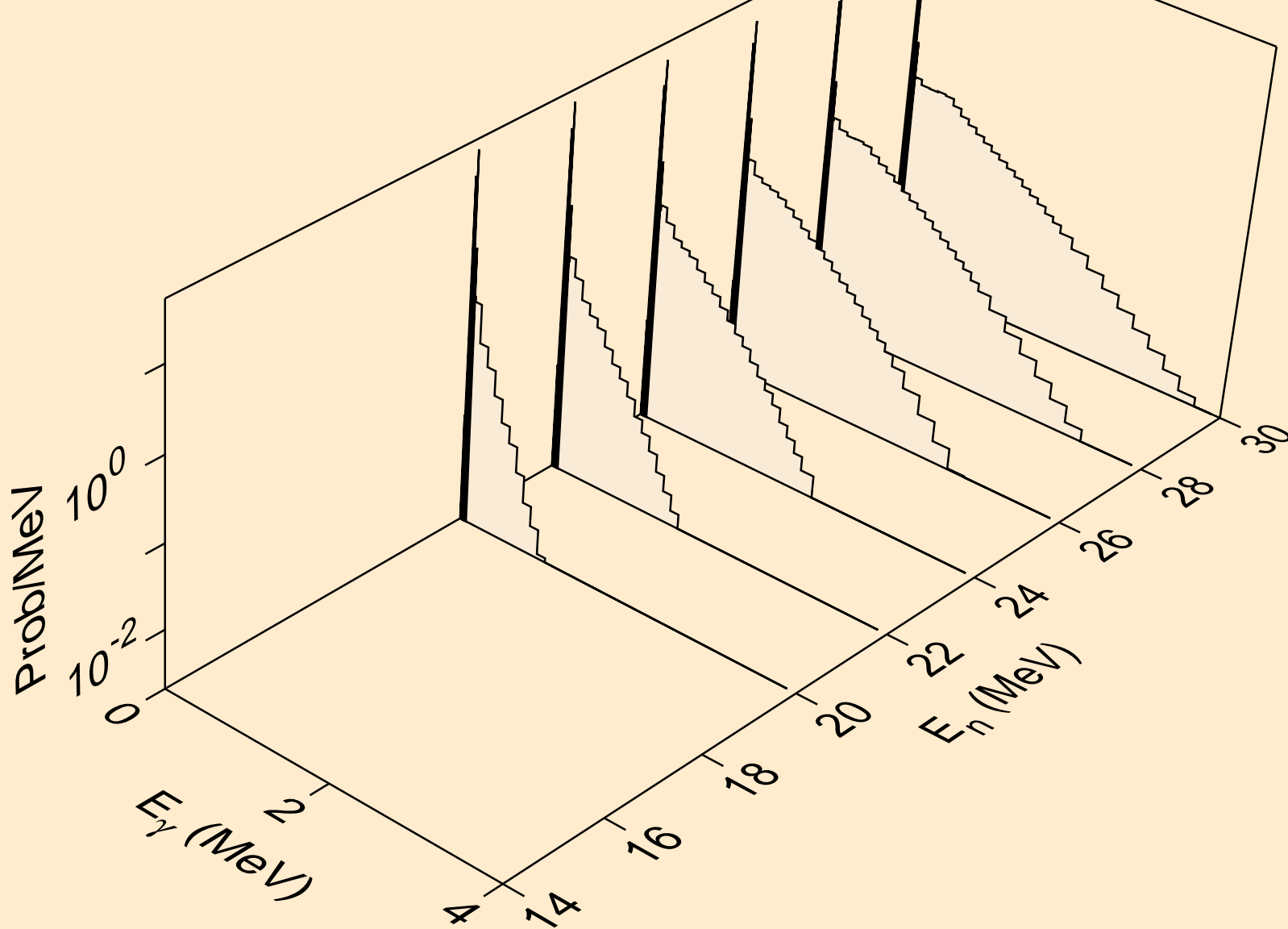
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



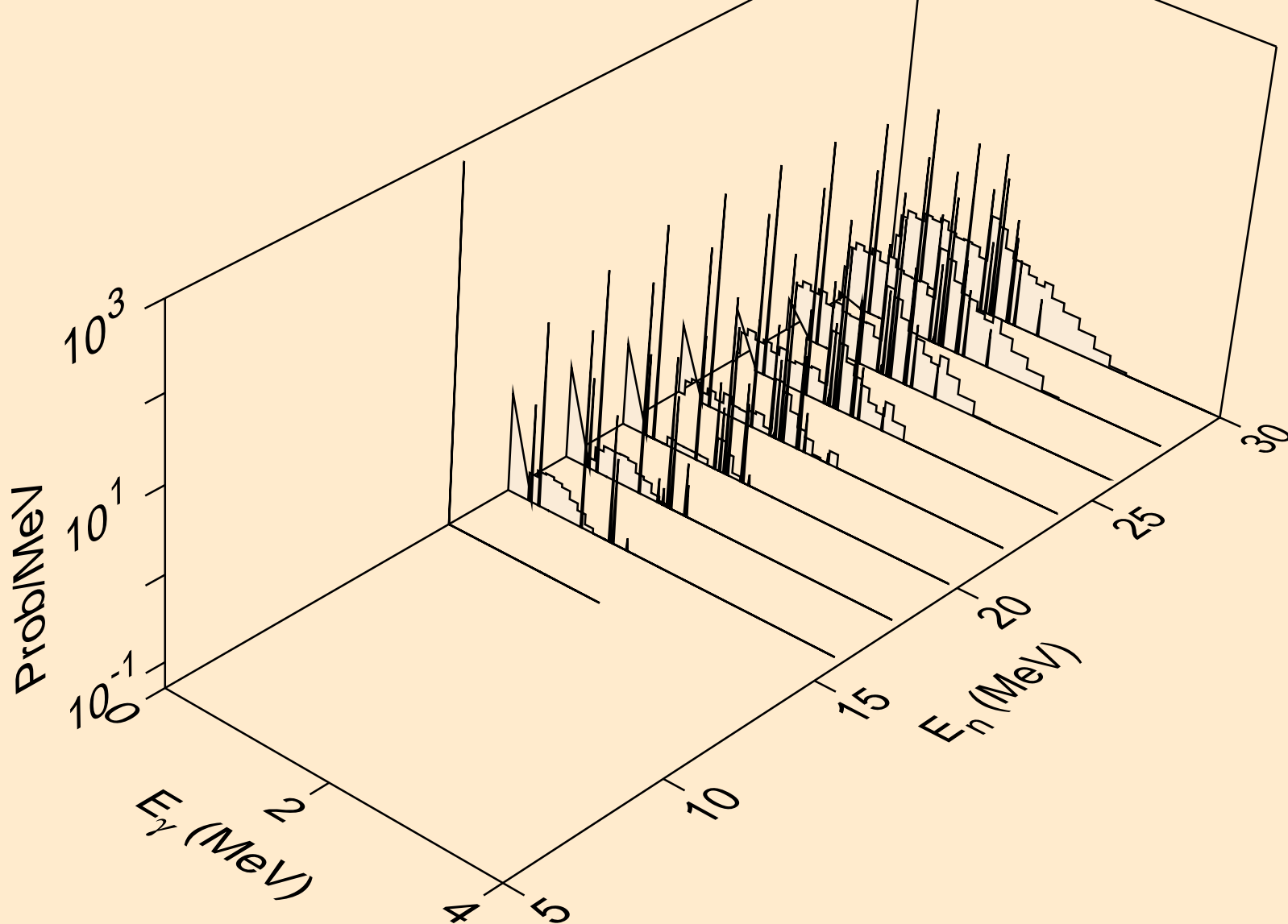
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



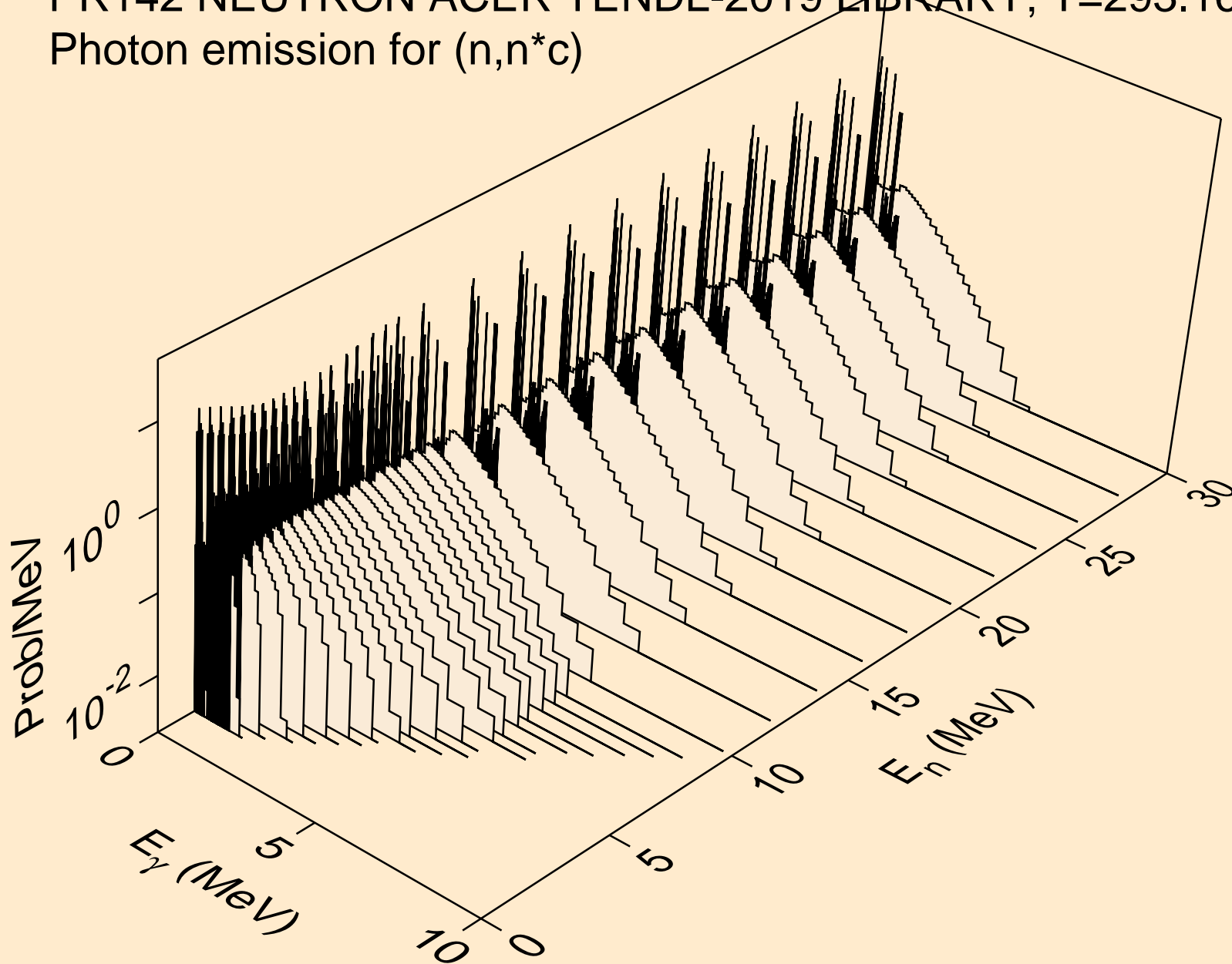
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



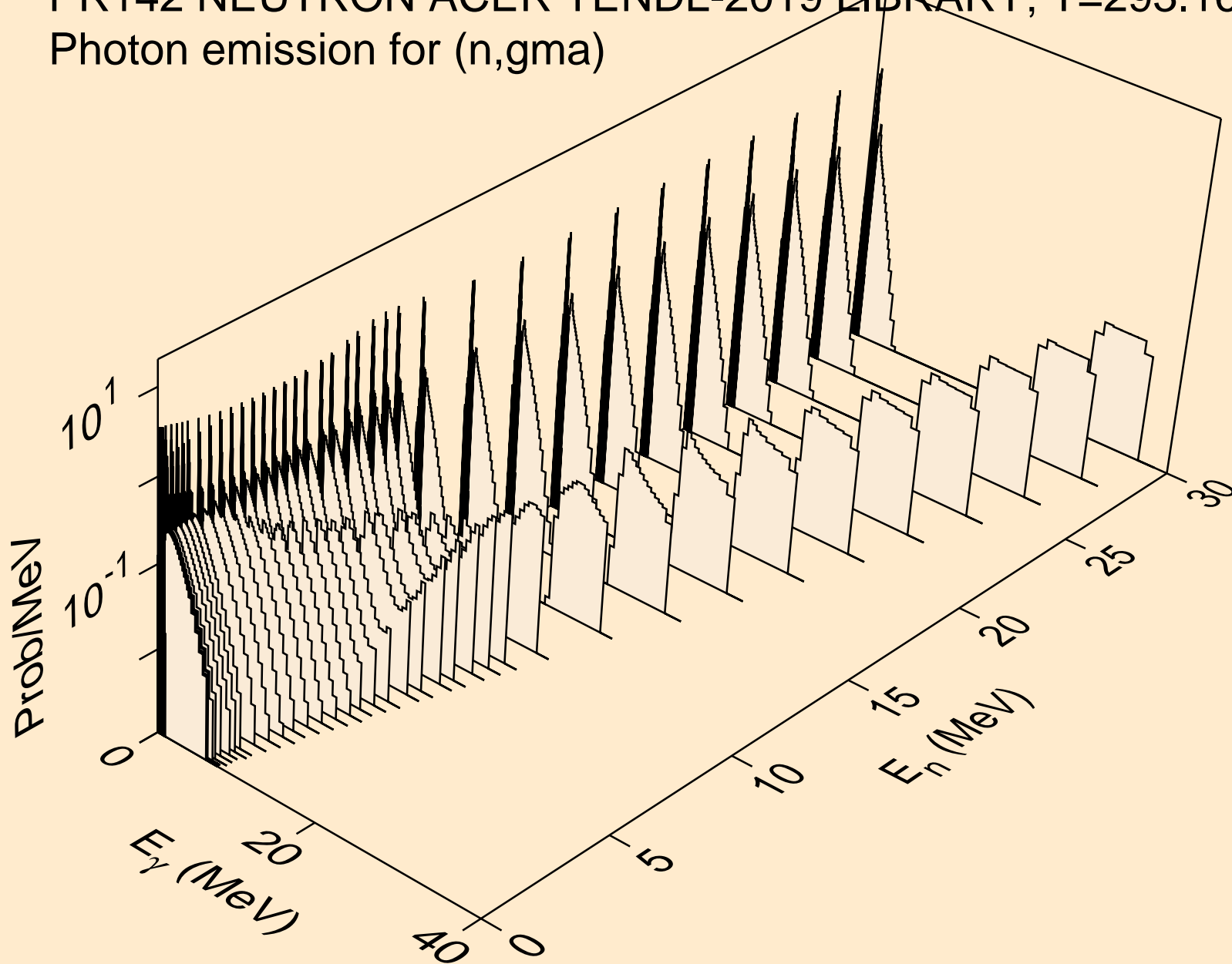
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



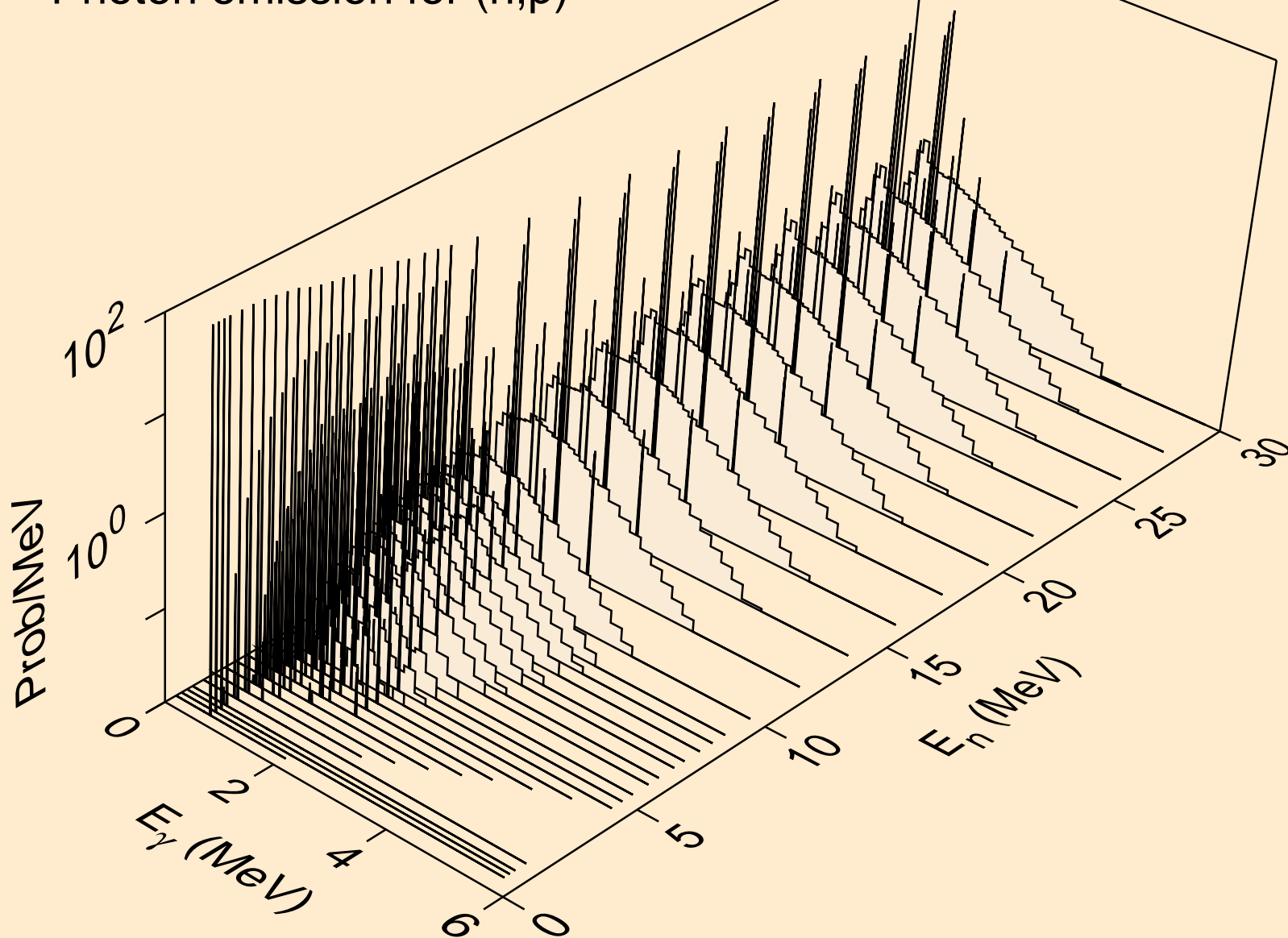
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



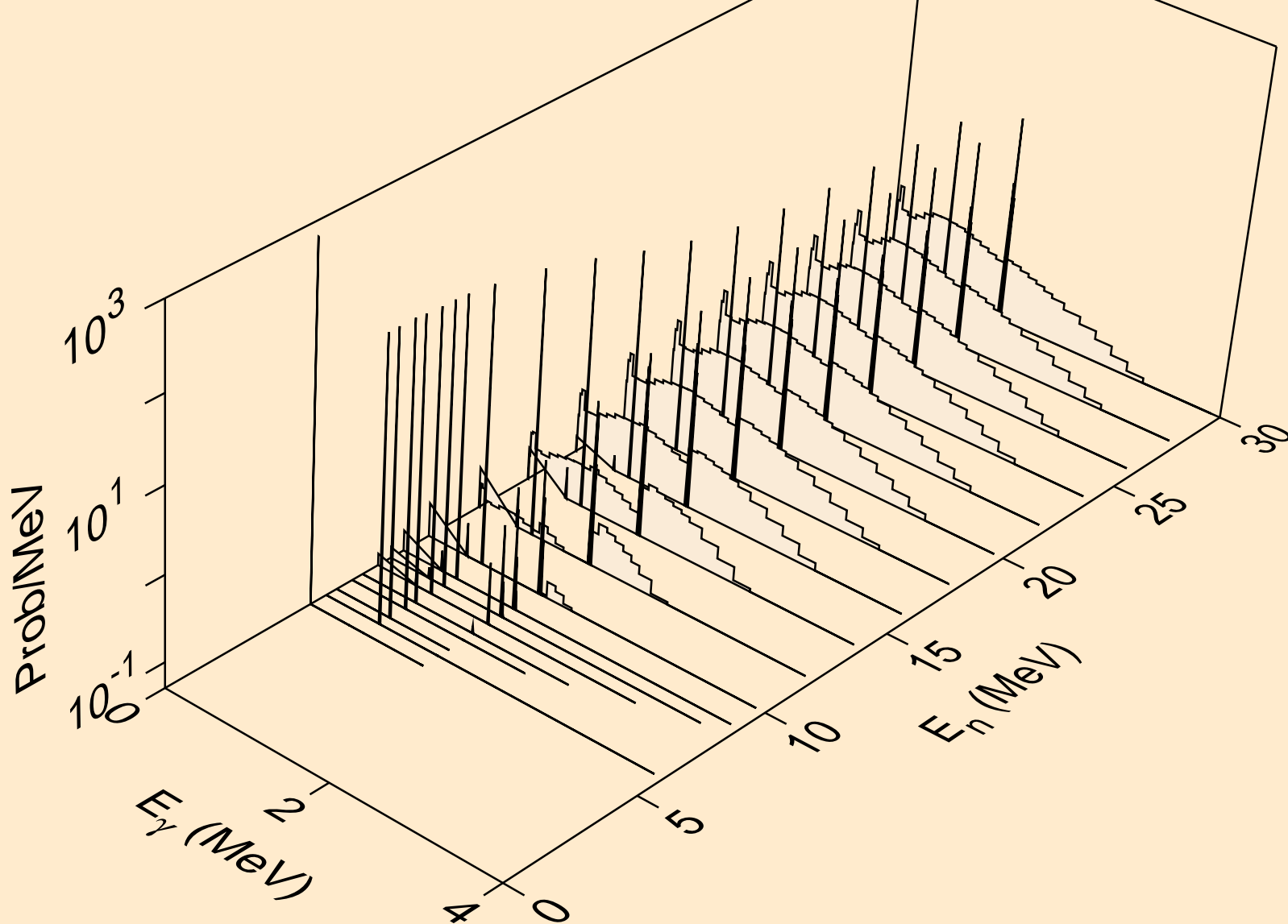
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



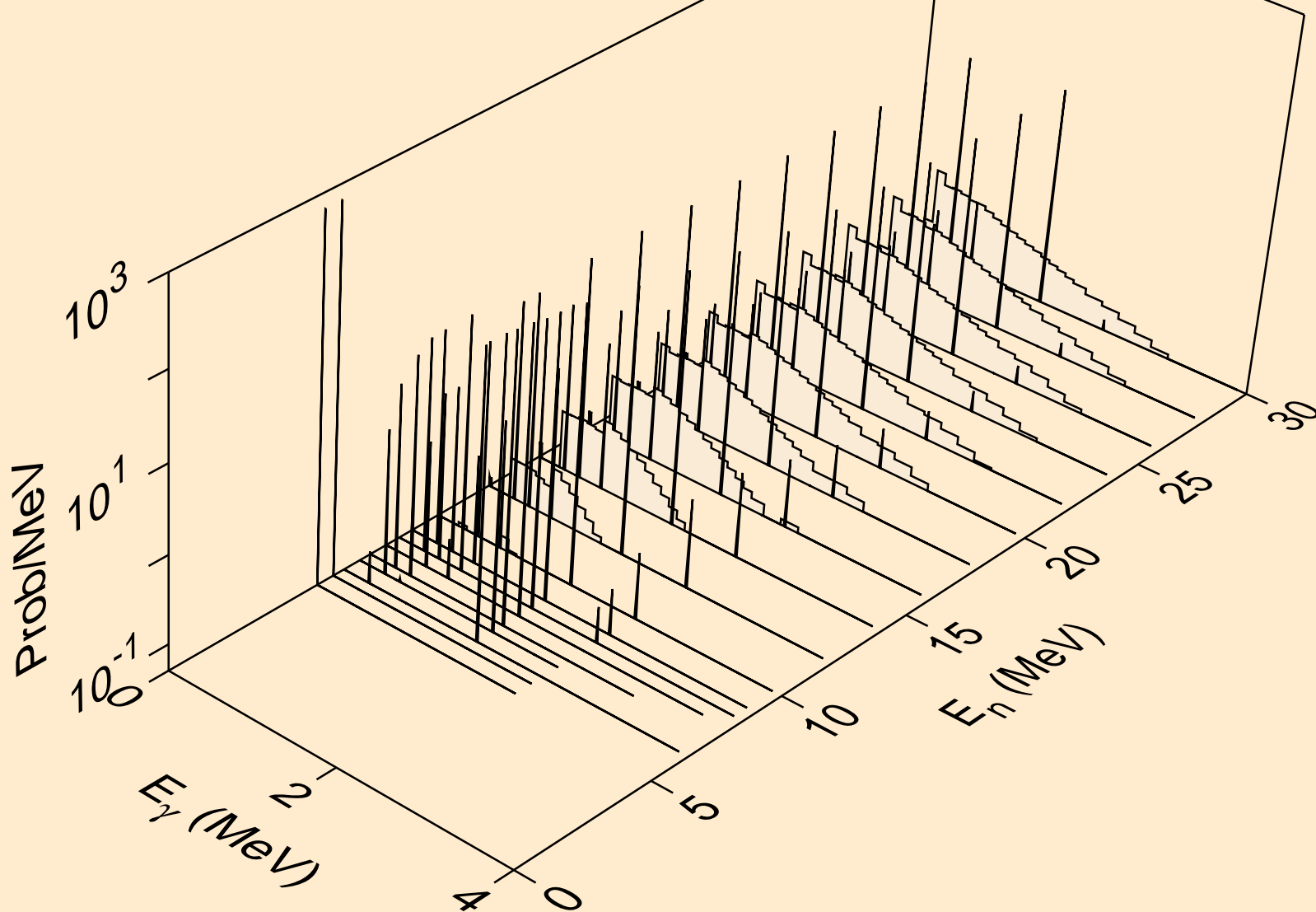
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



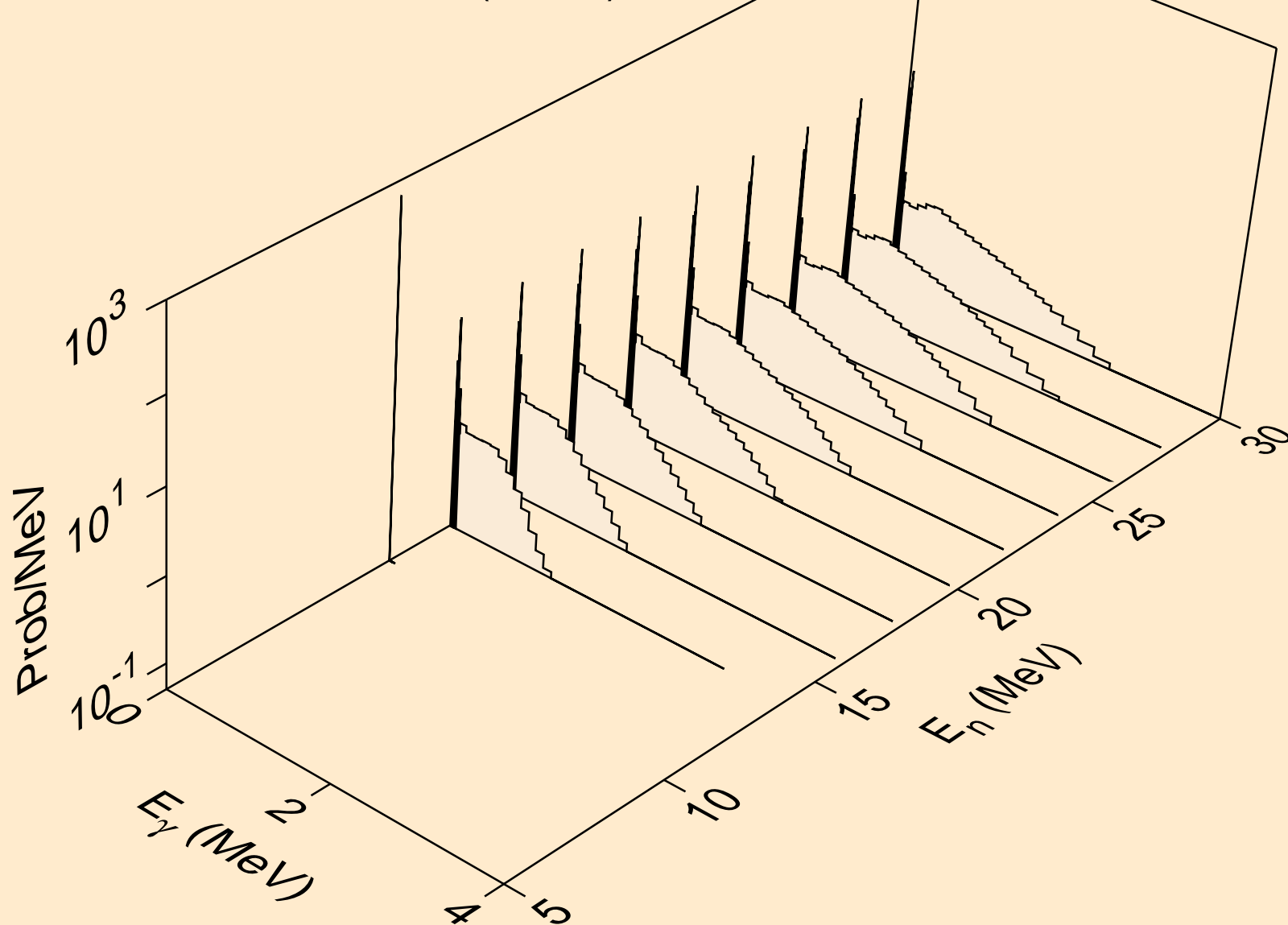
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



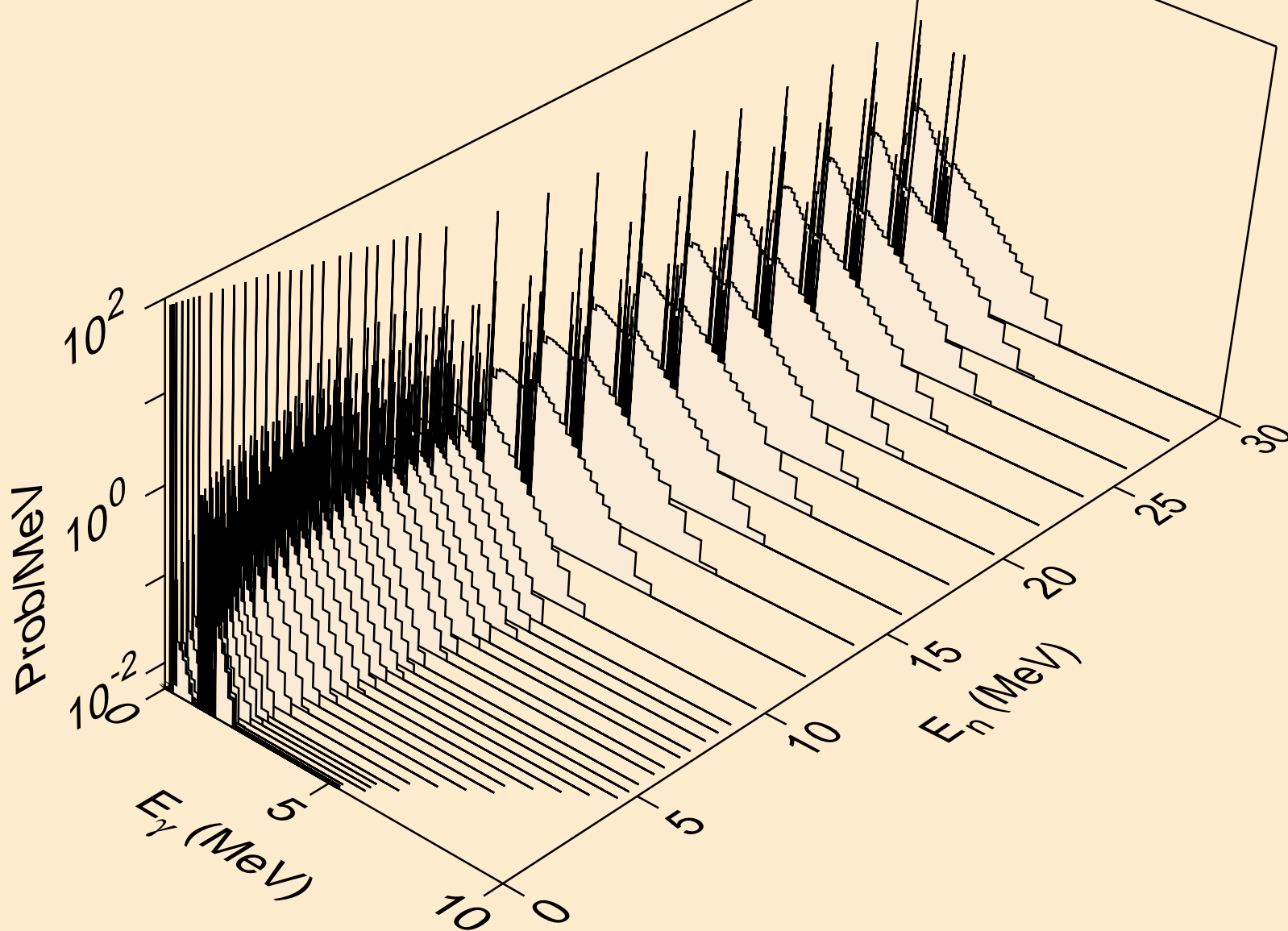
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



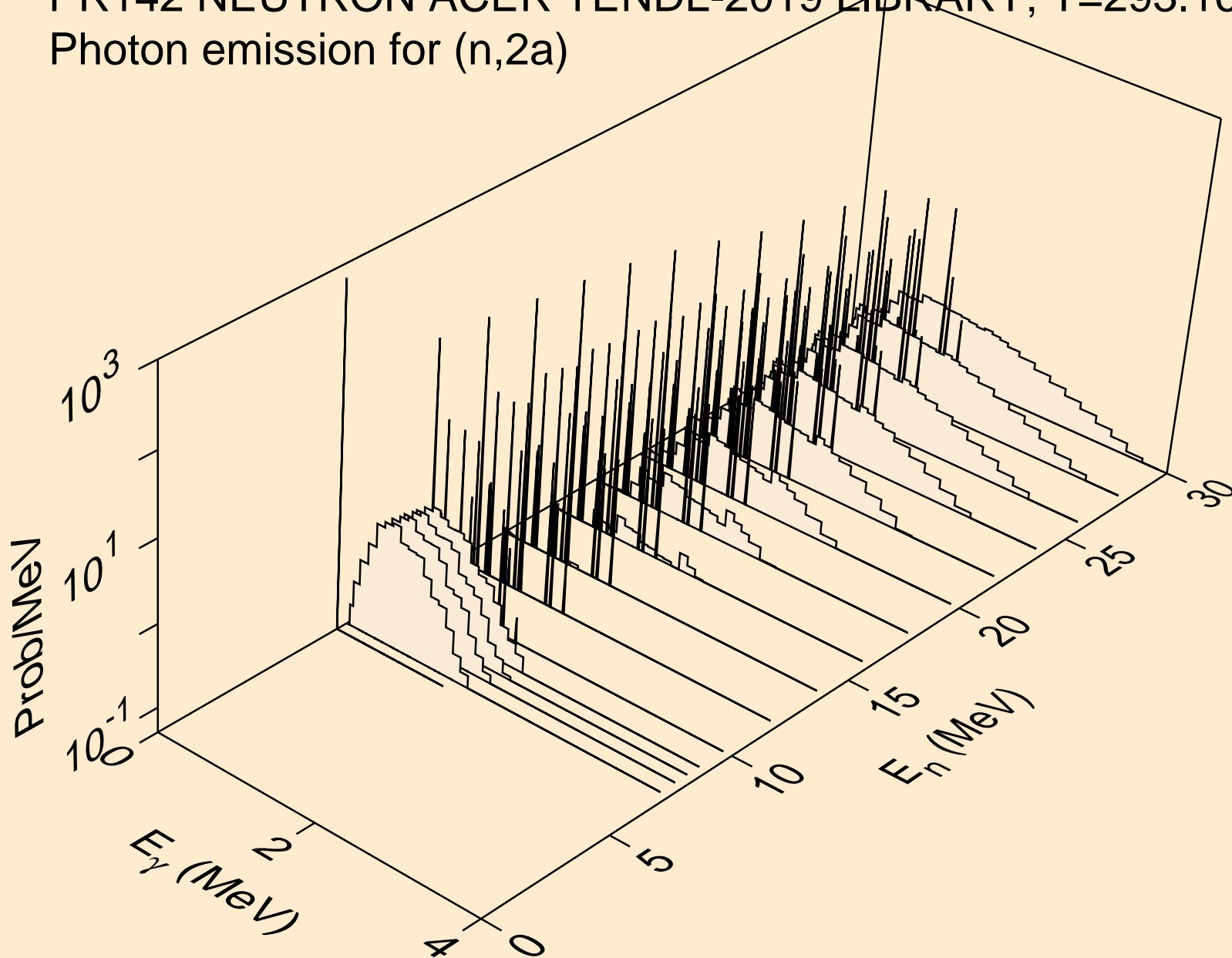
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



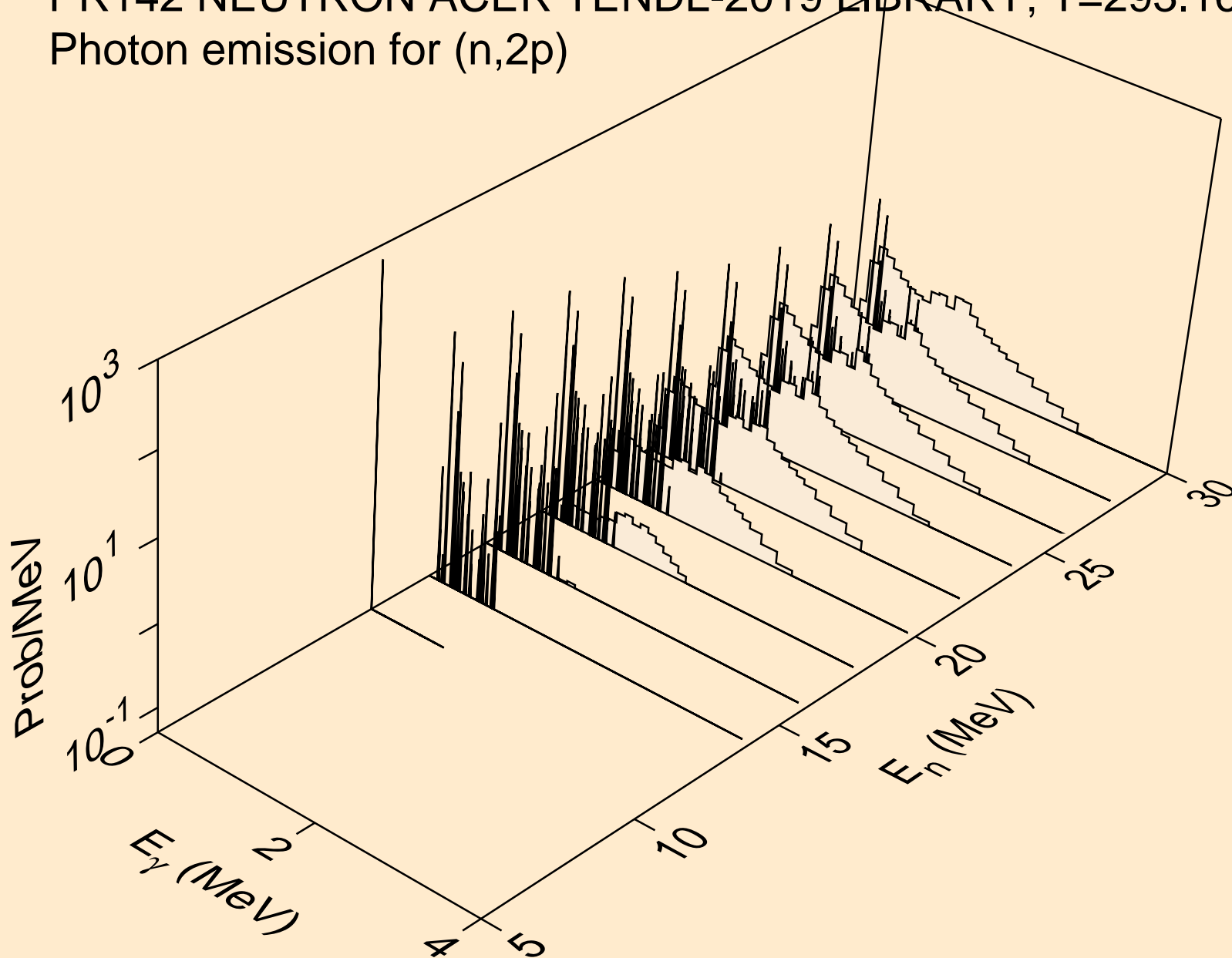
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



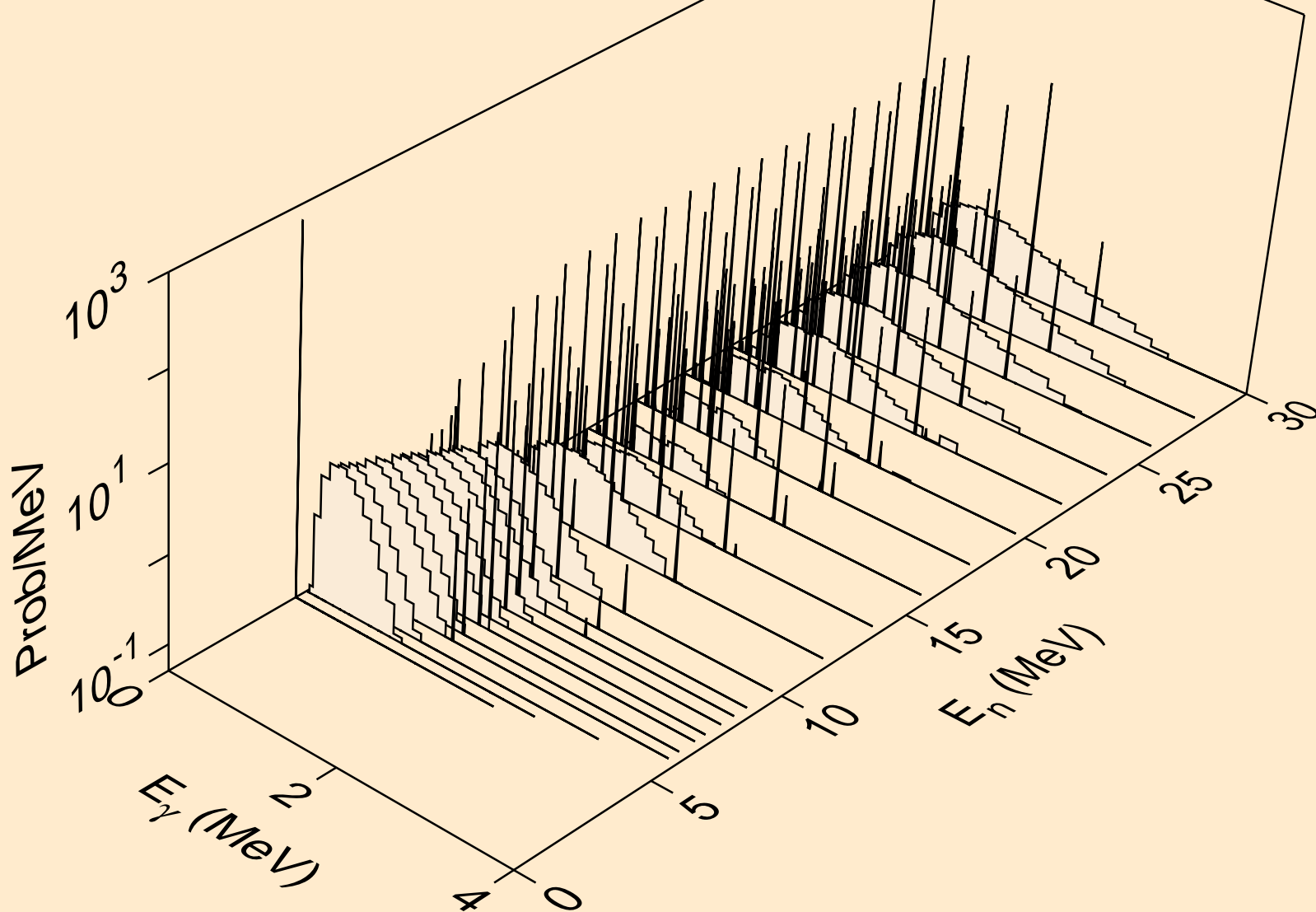
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



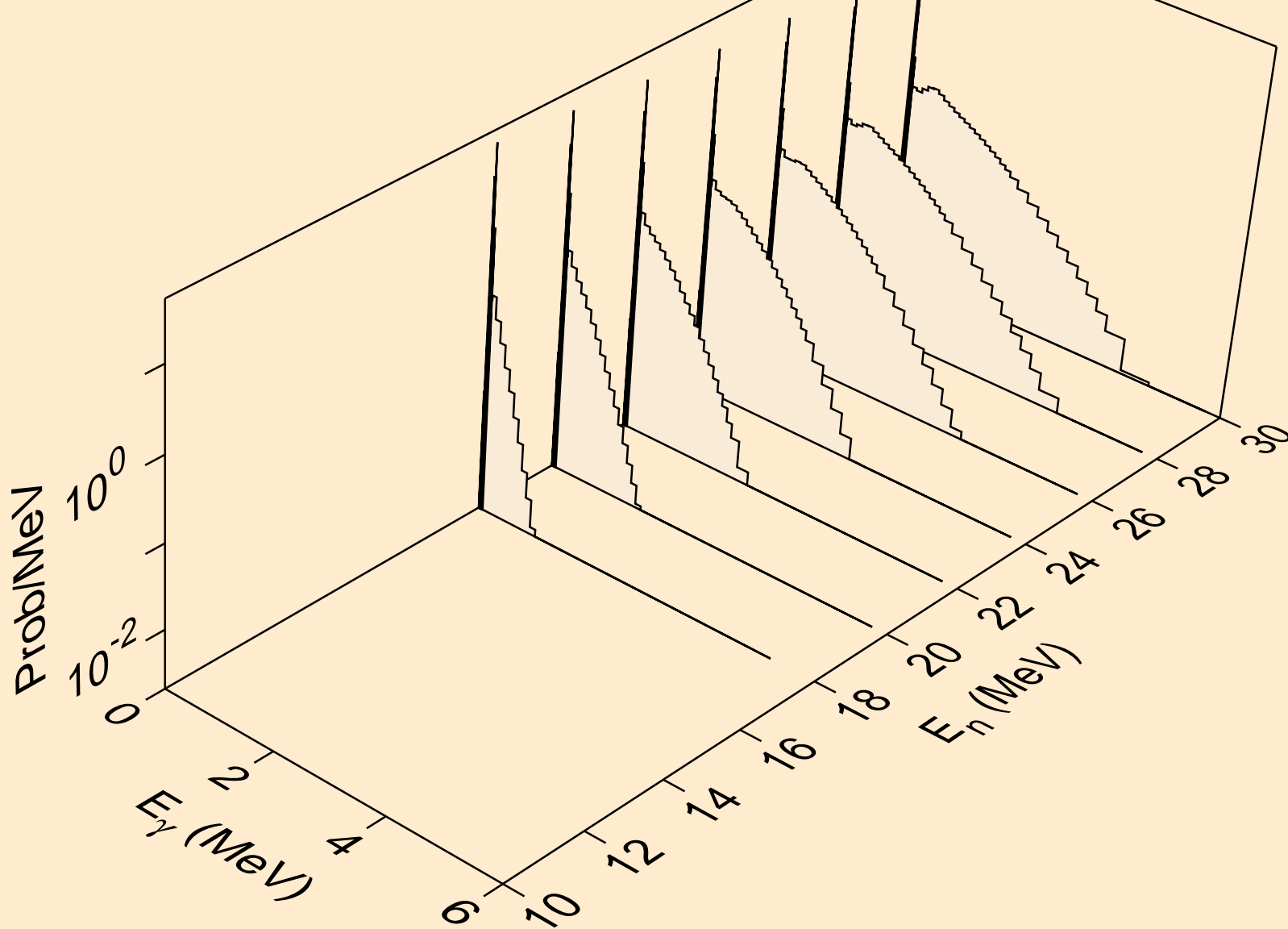
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



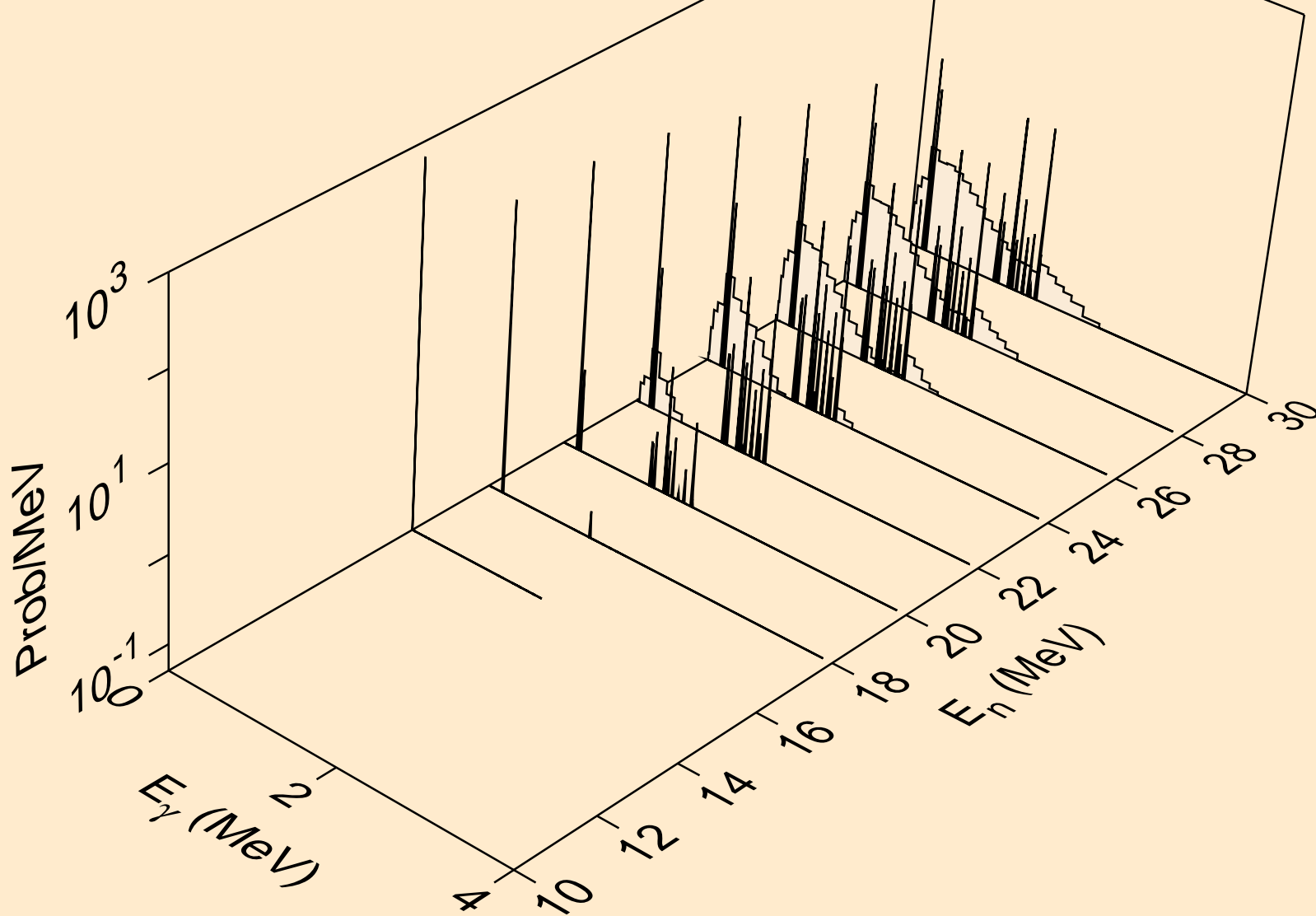
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



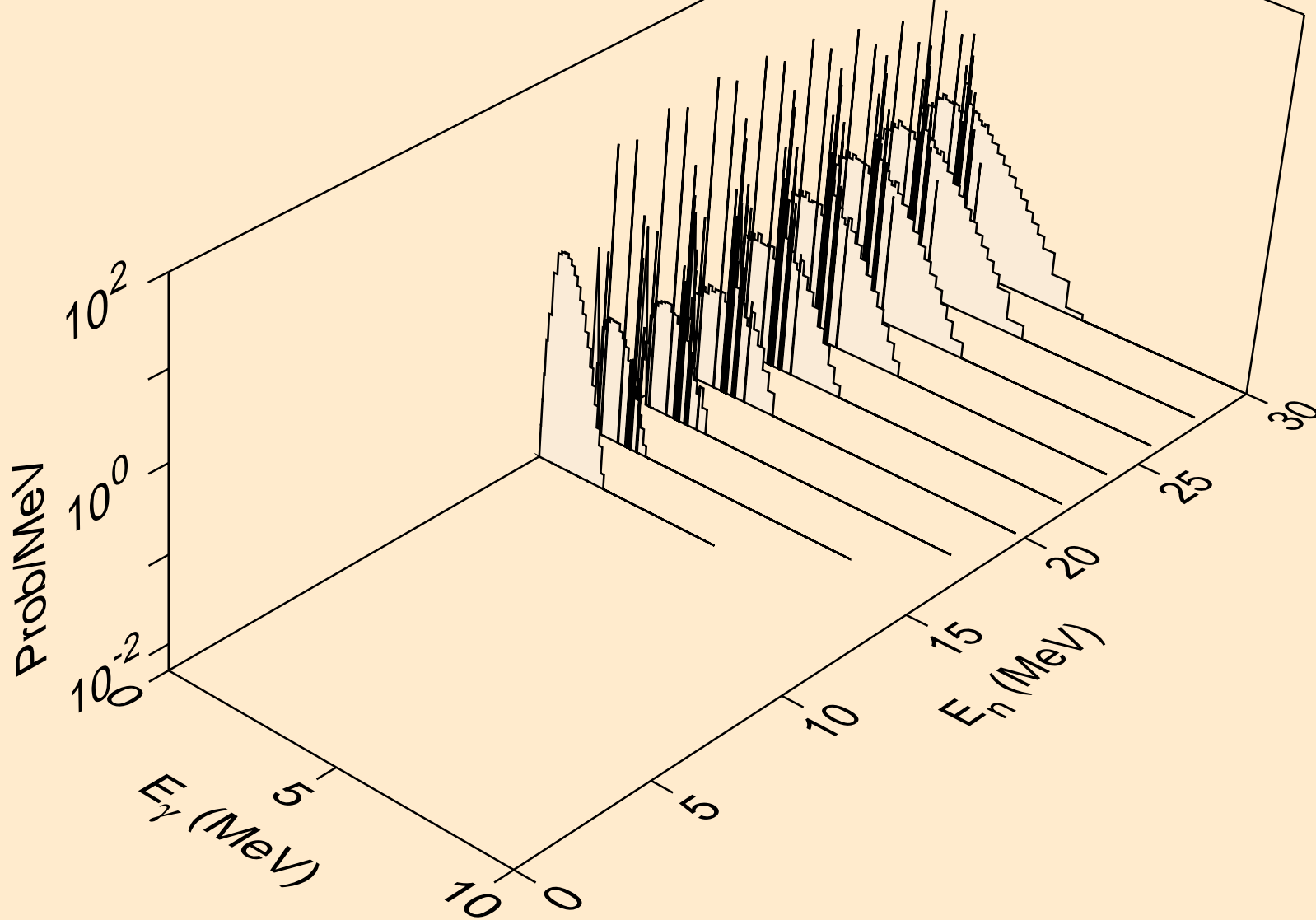
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



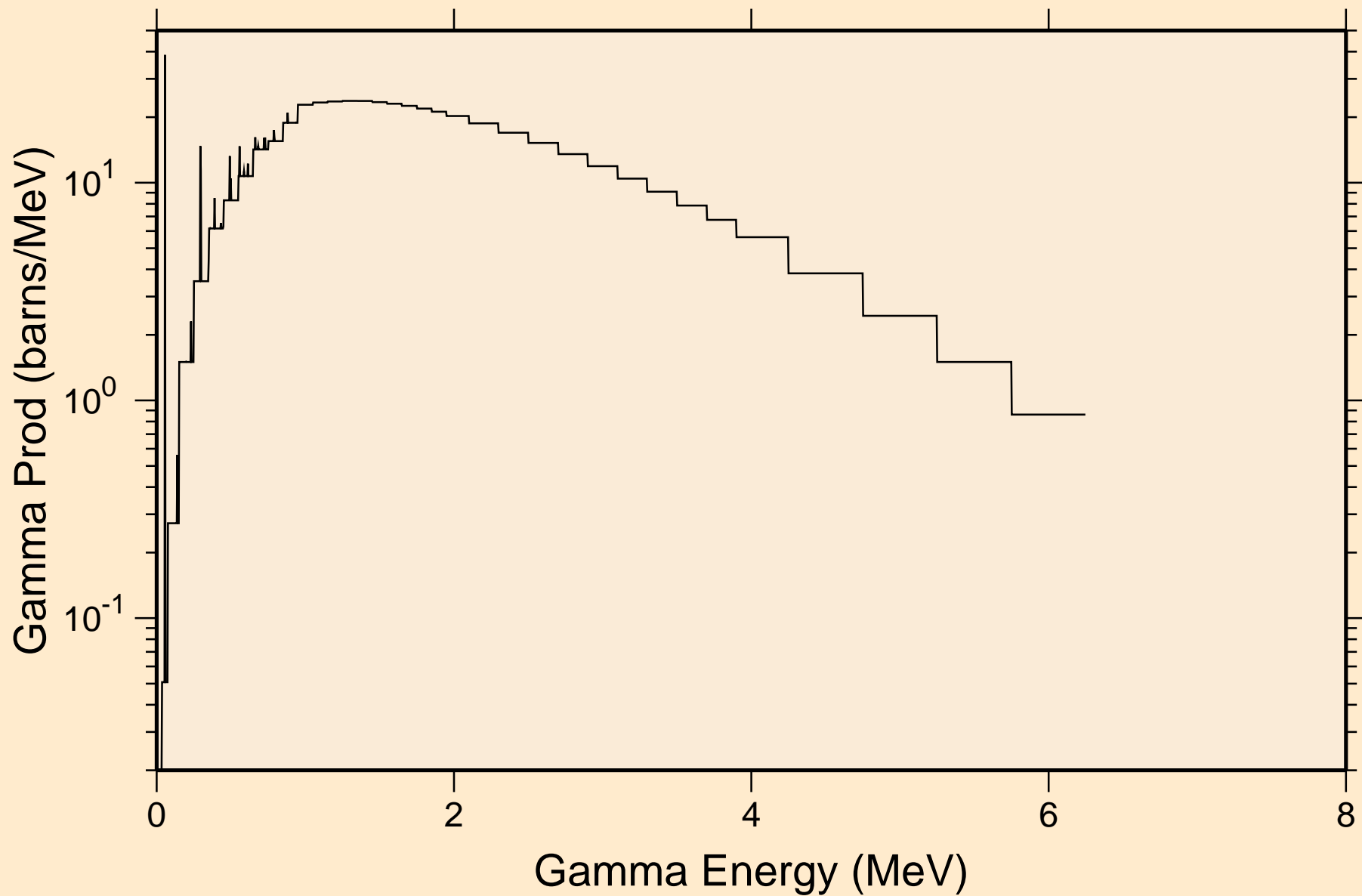
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



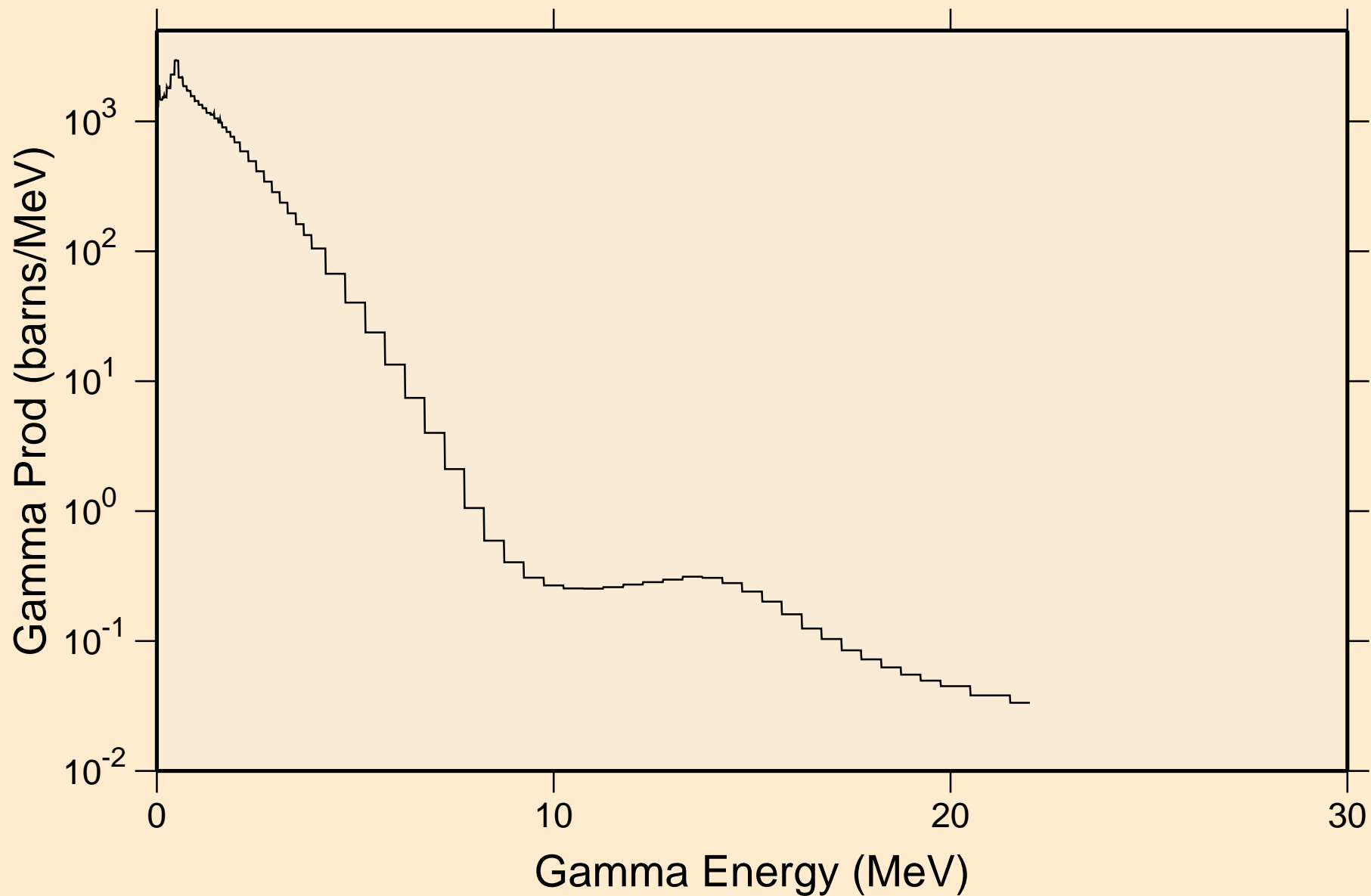
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



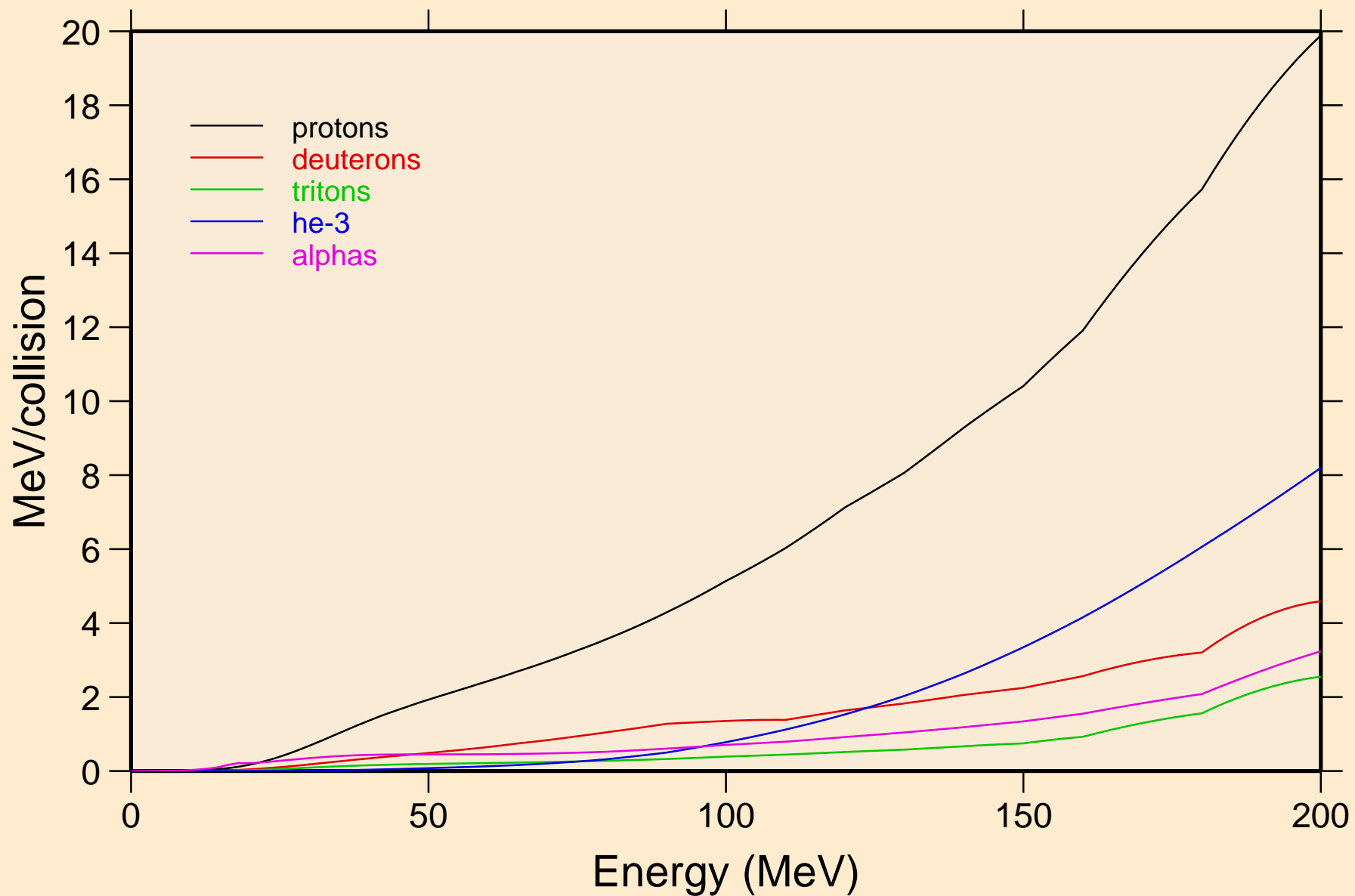
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



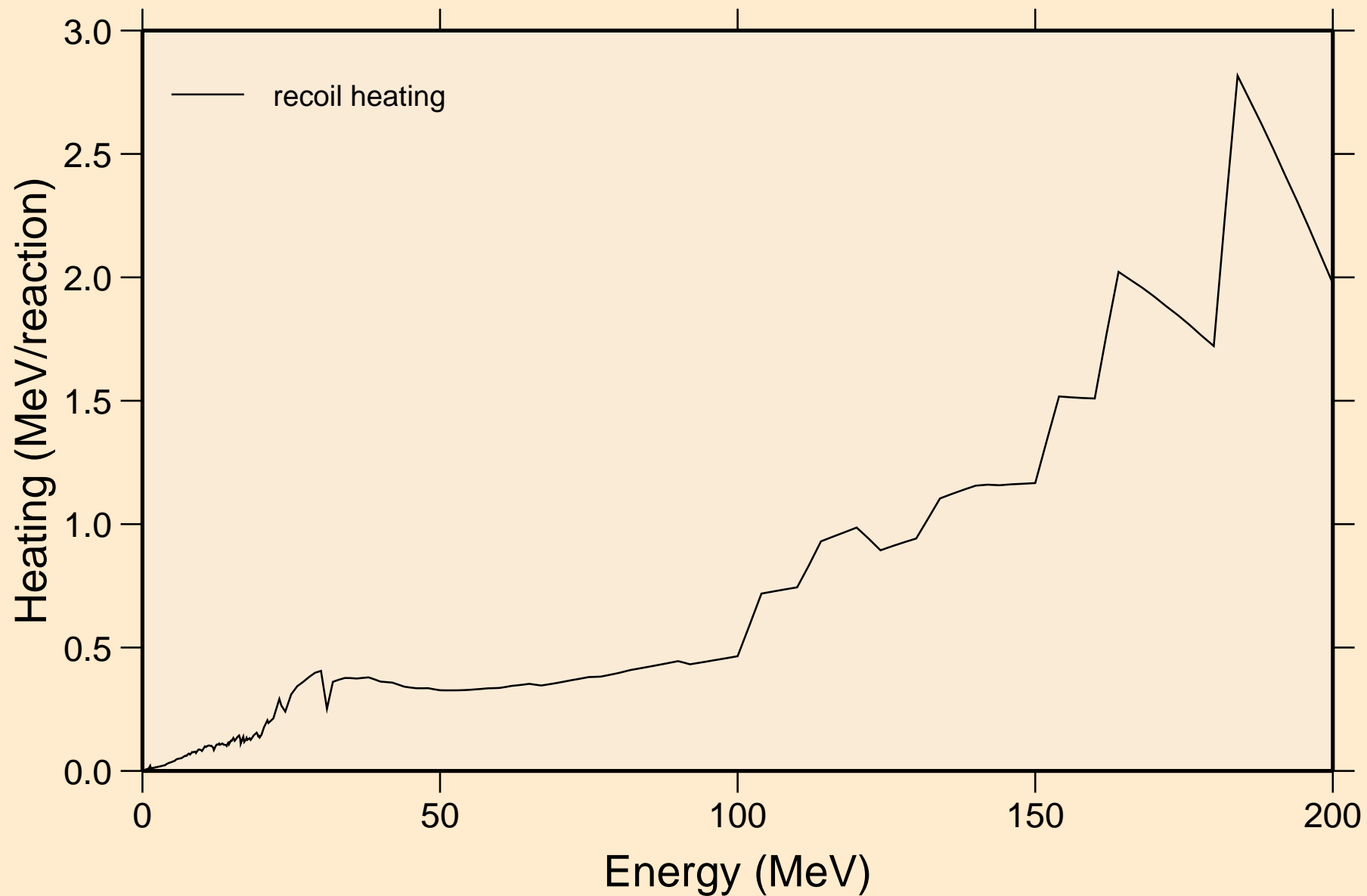
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



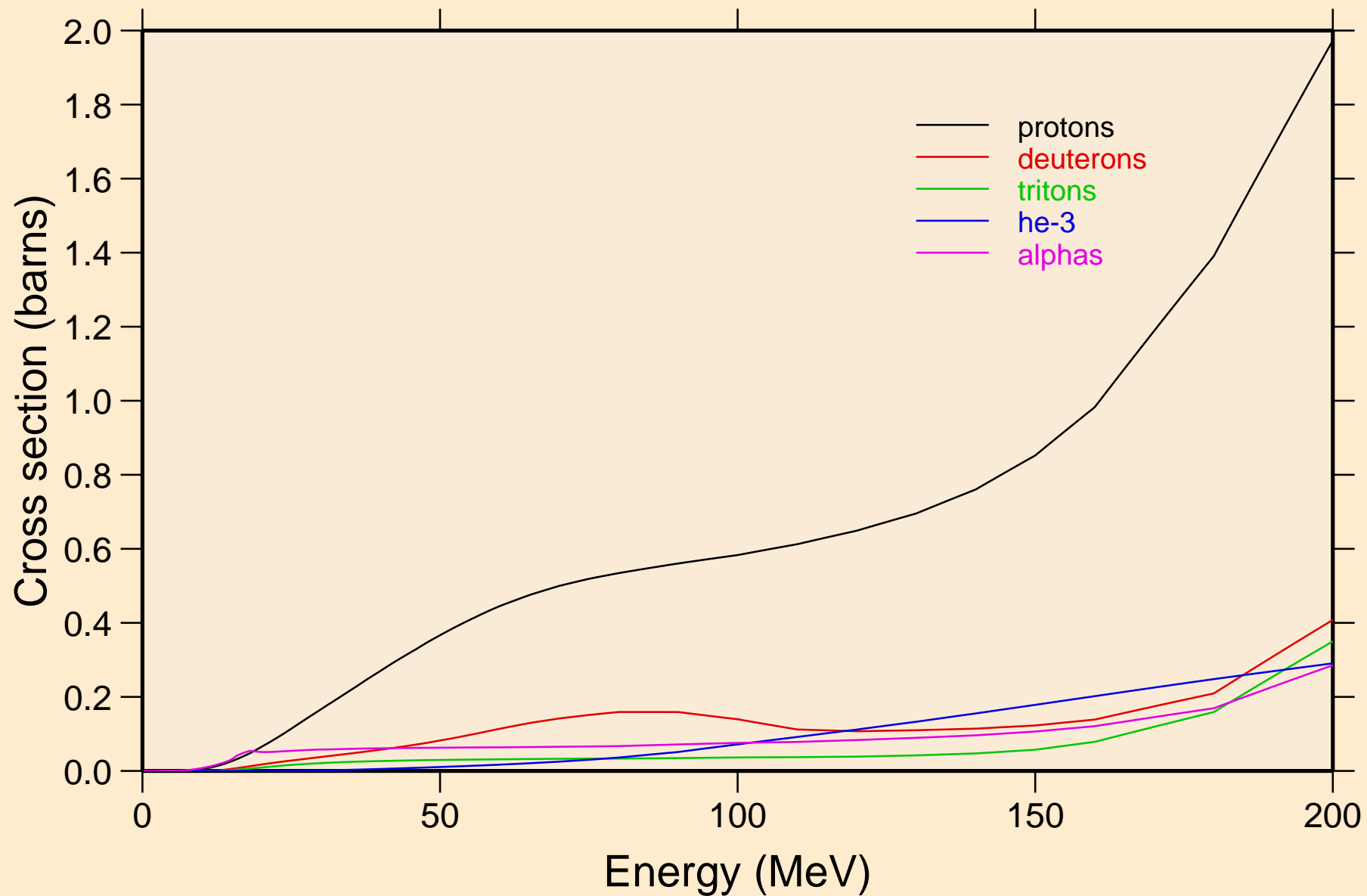
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions



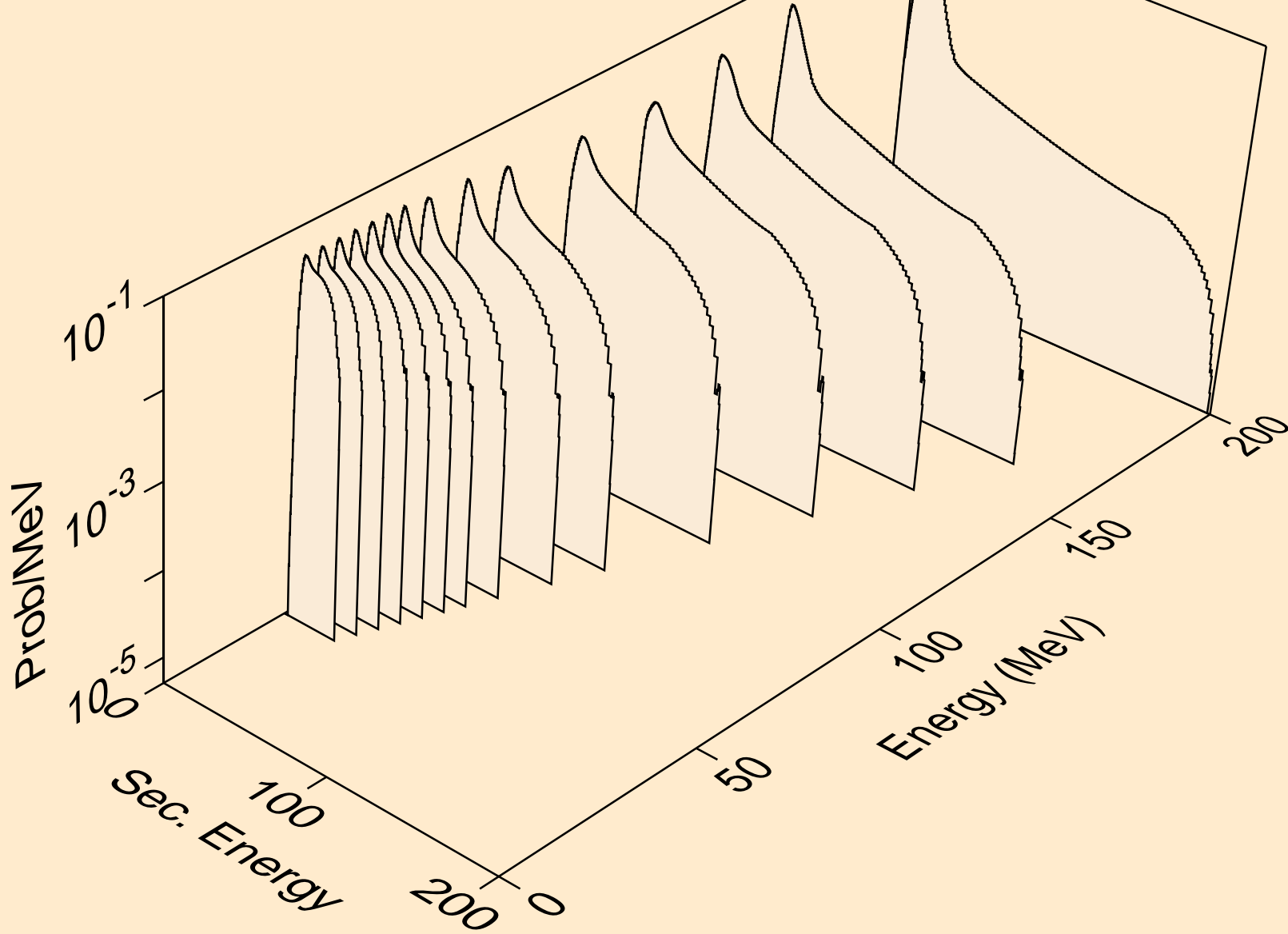
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



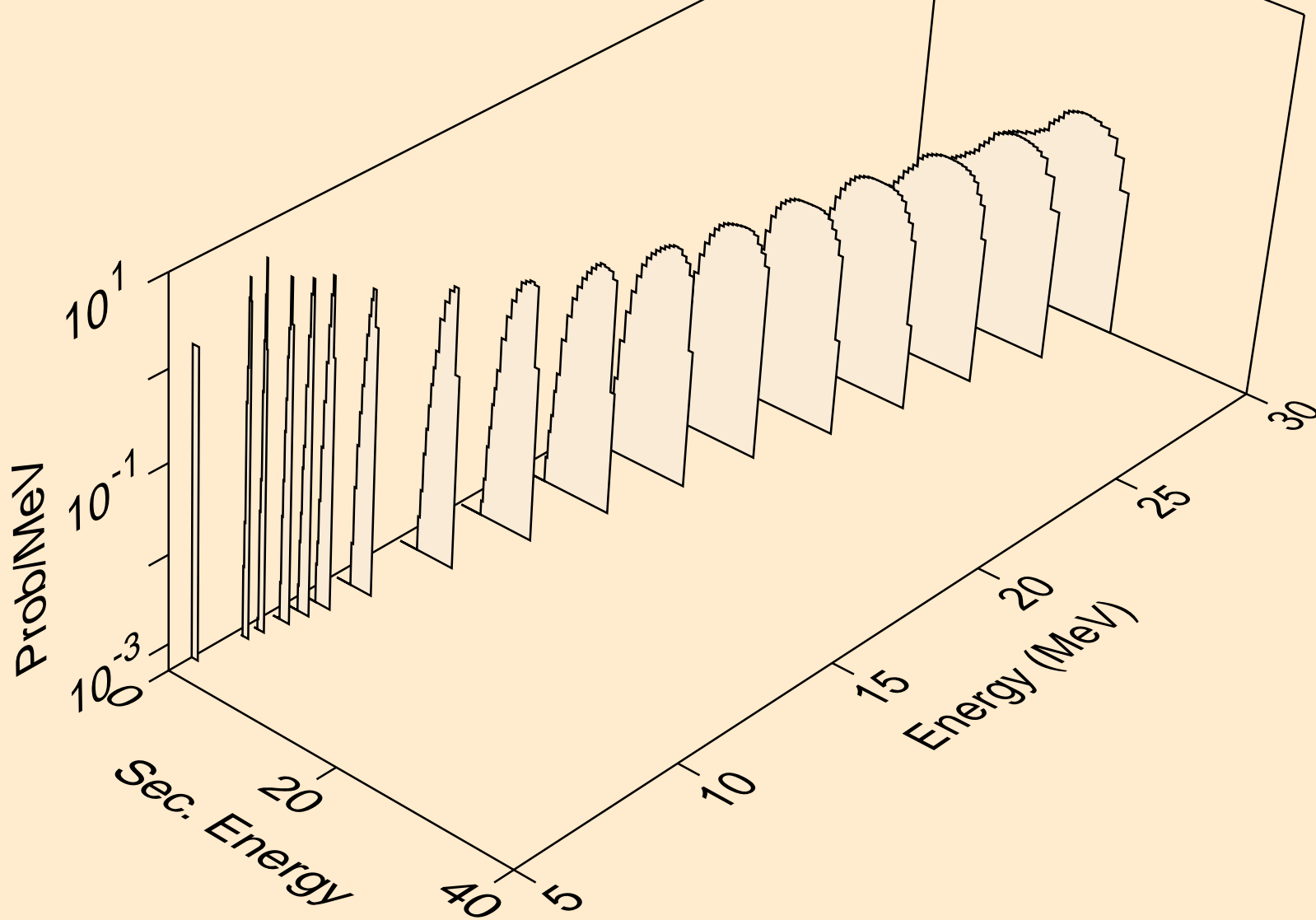
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



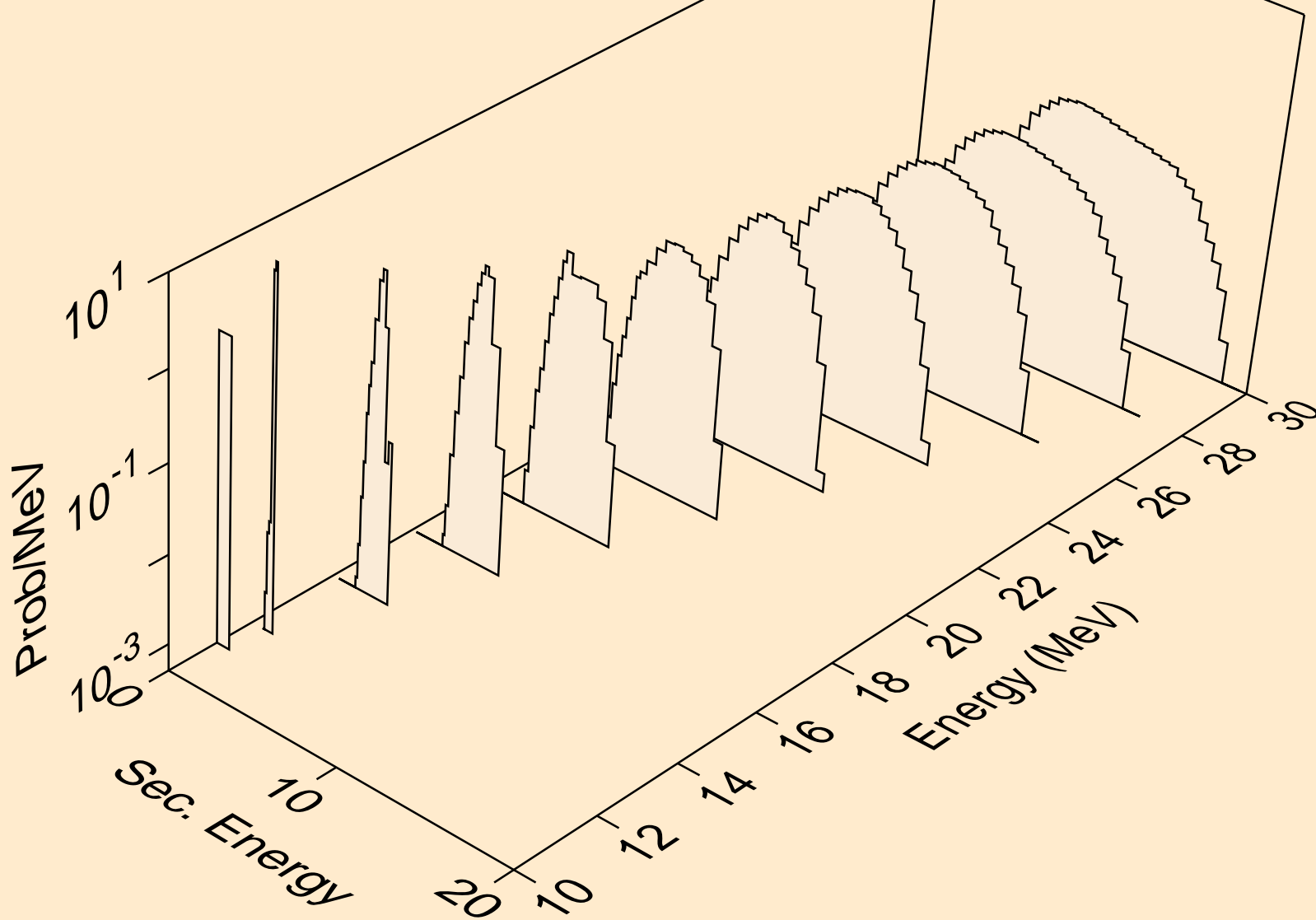
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



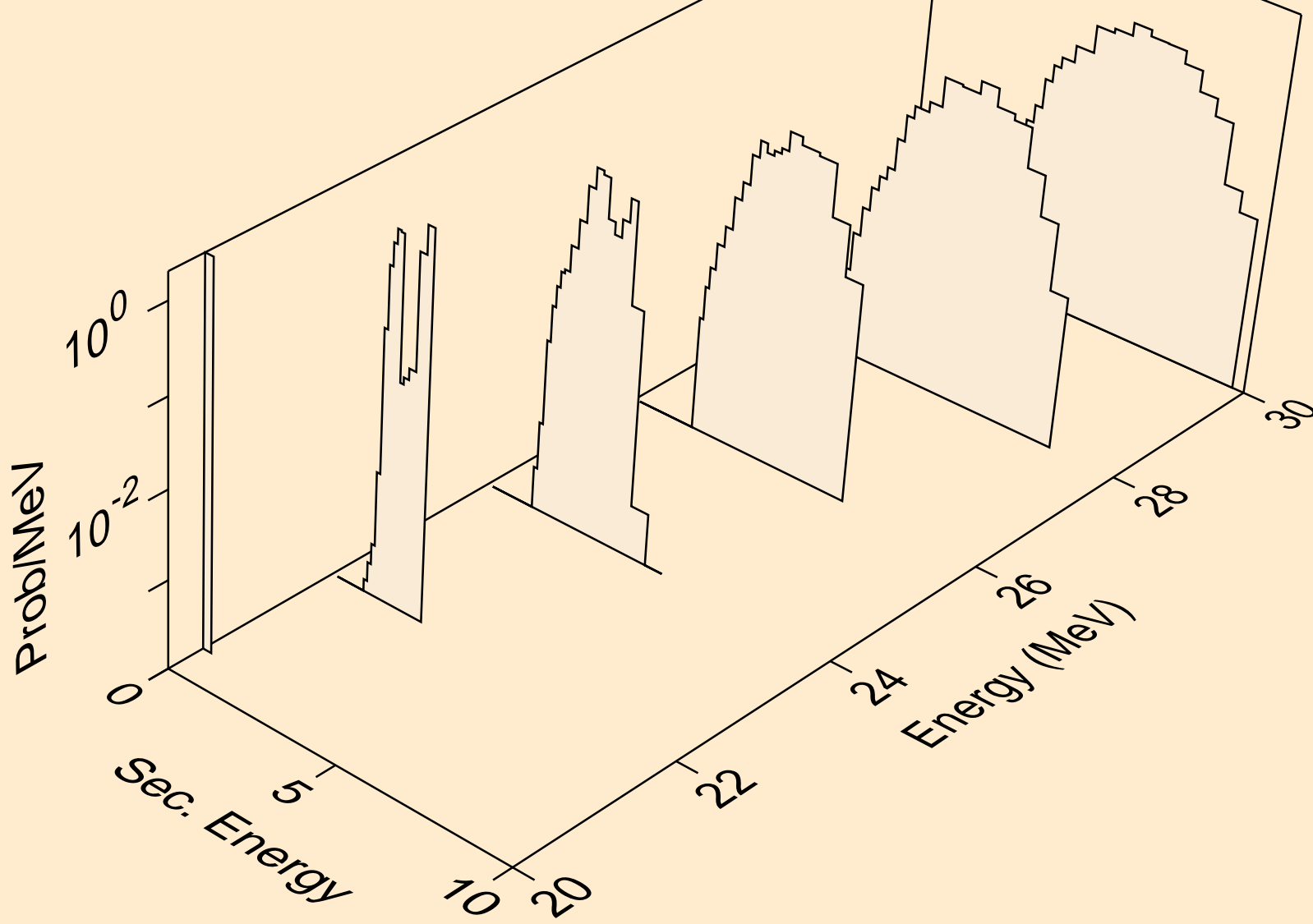
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



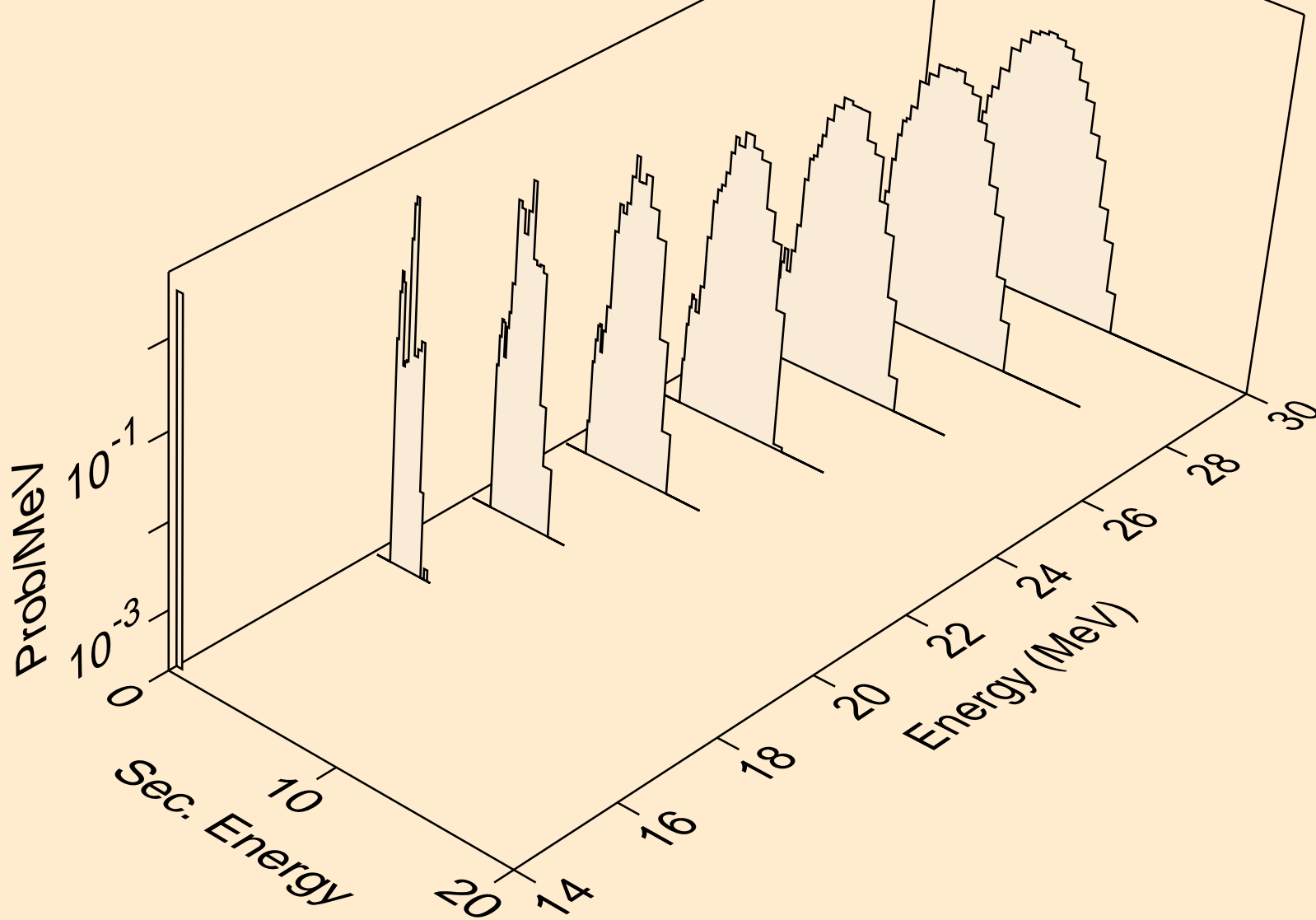
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



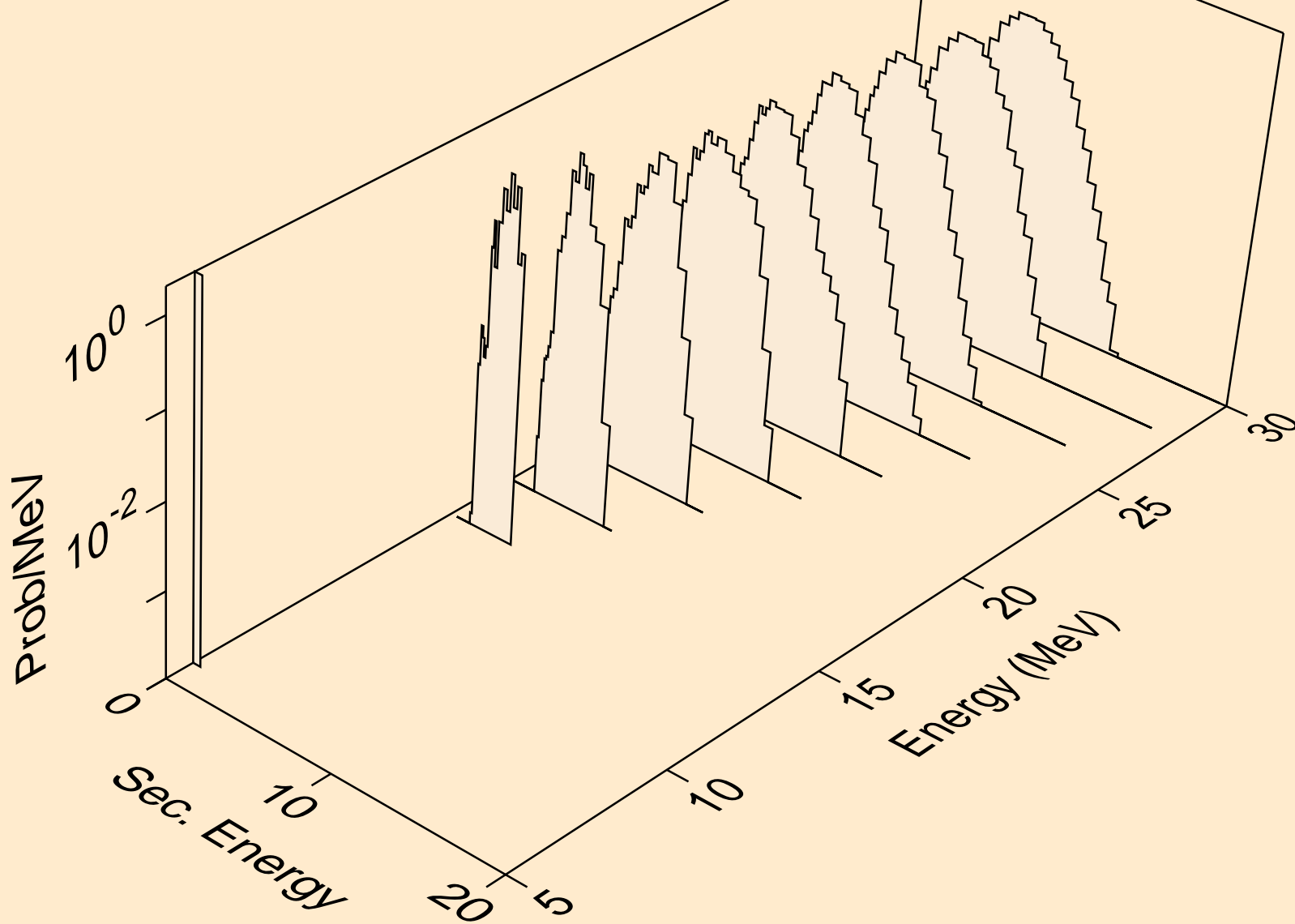
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



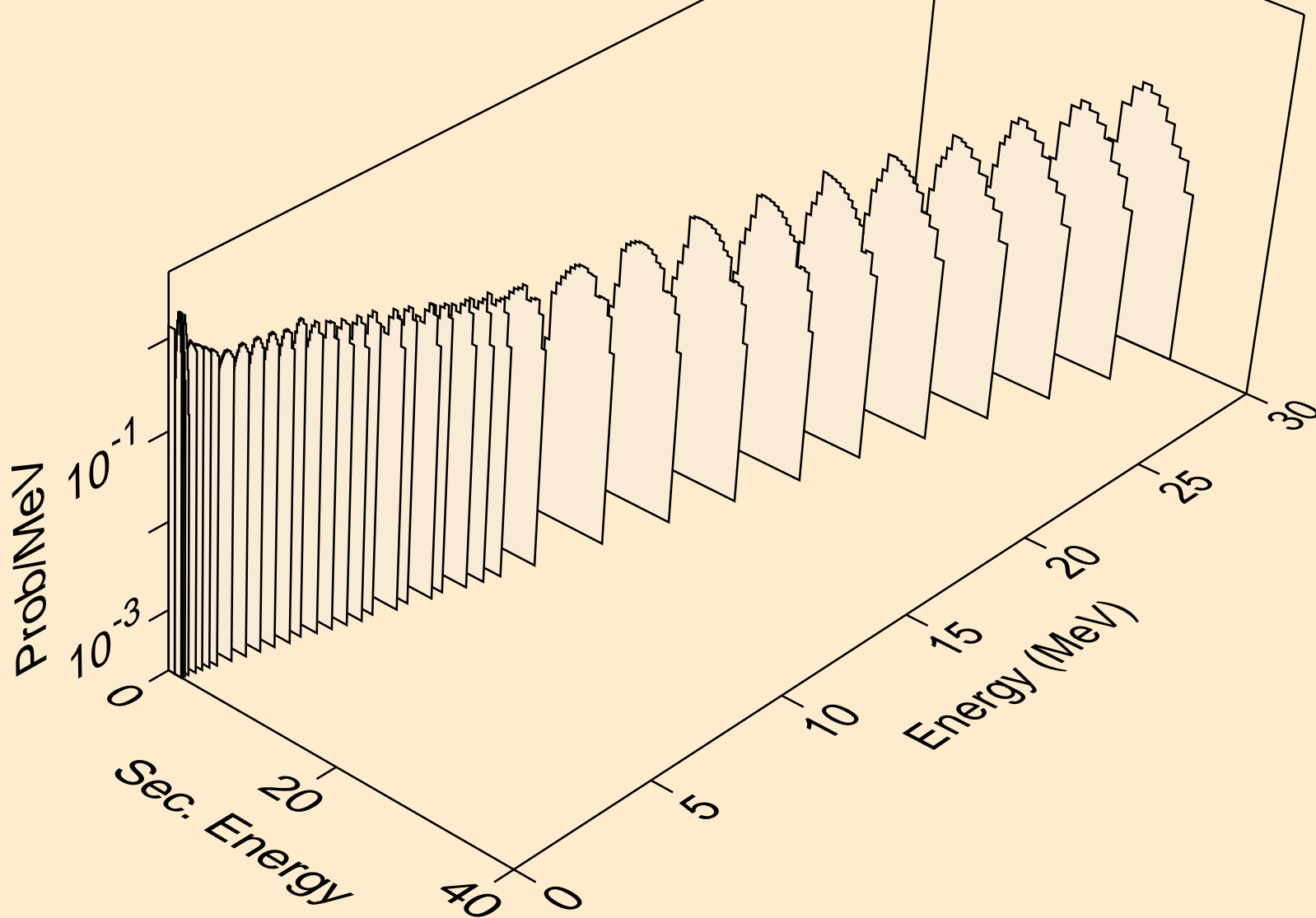
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



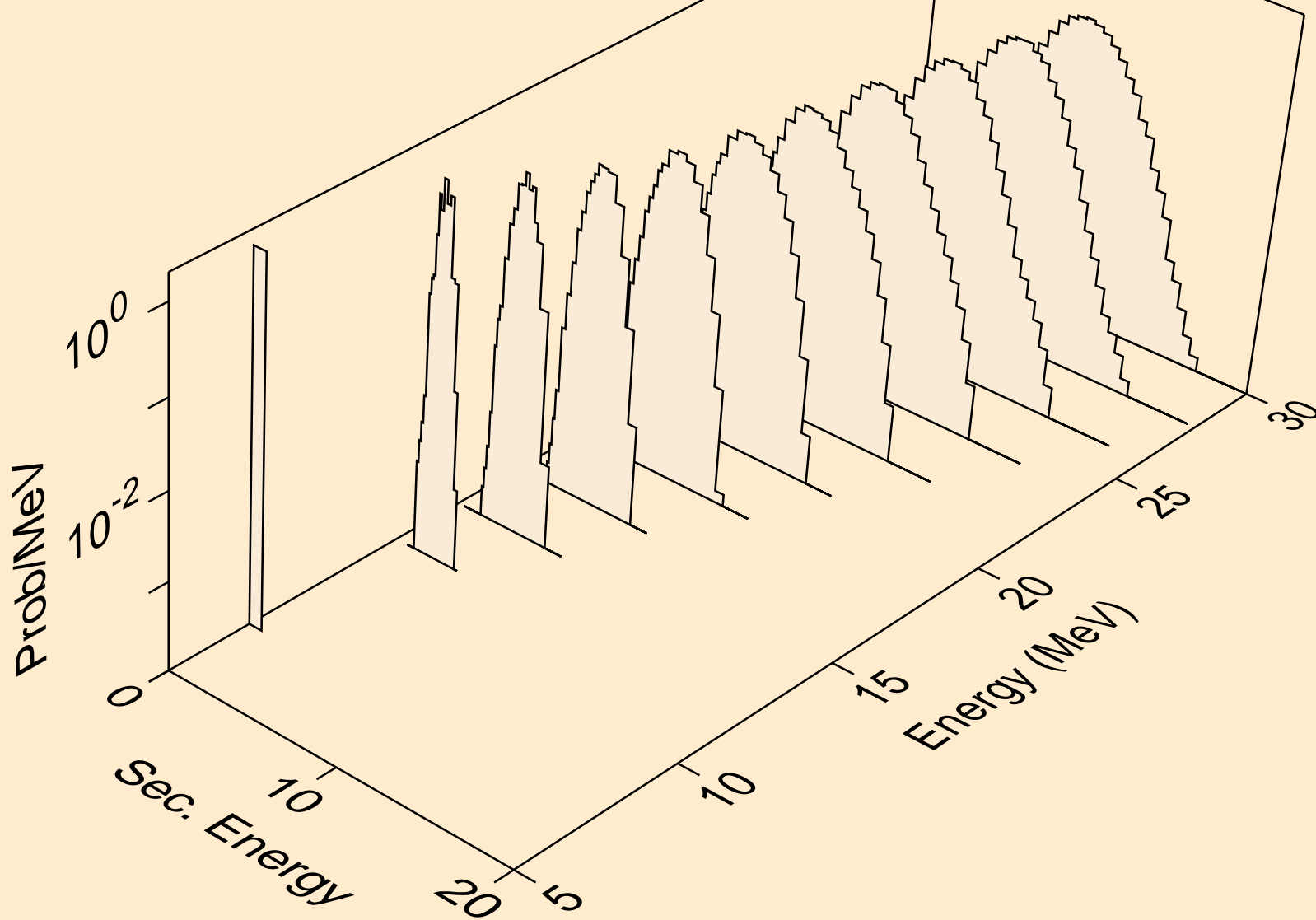
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



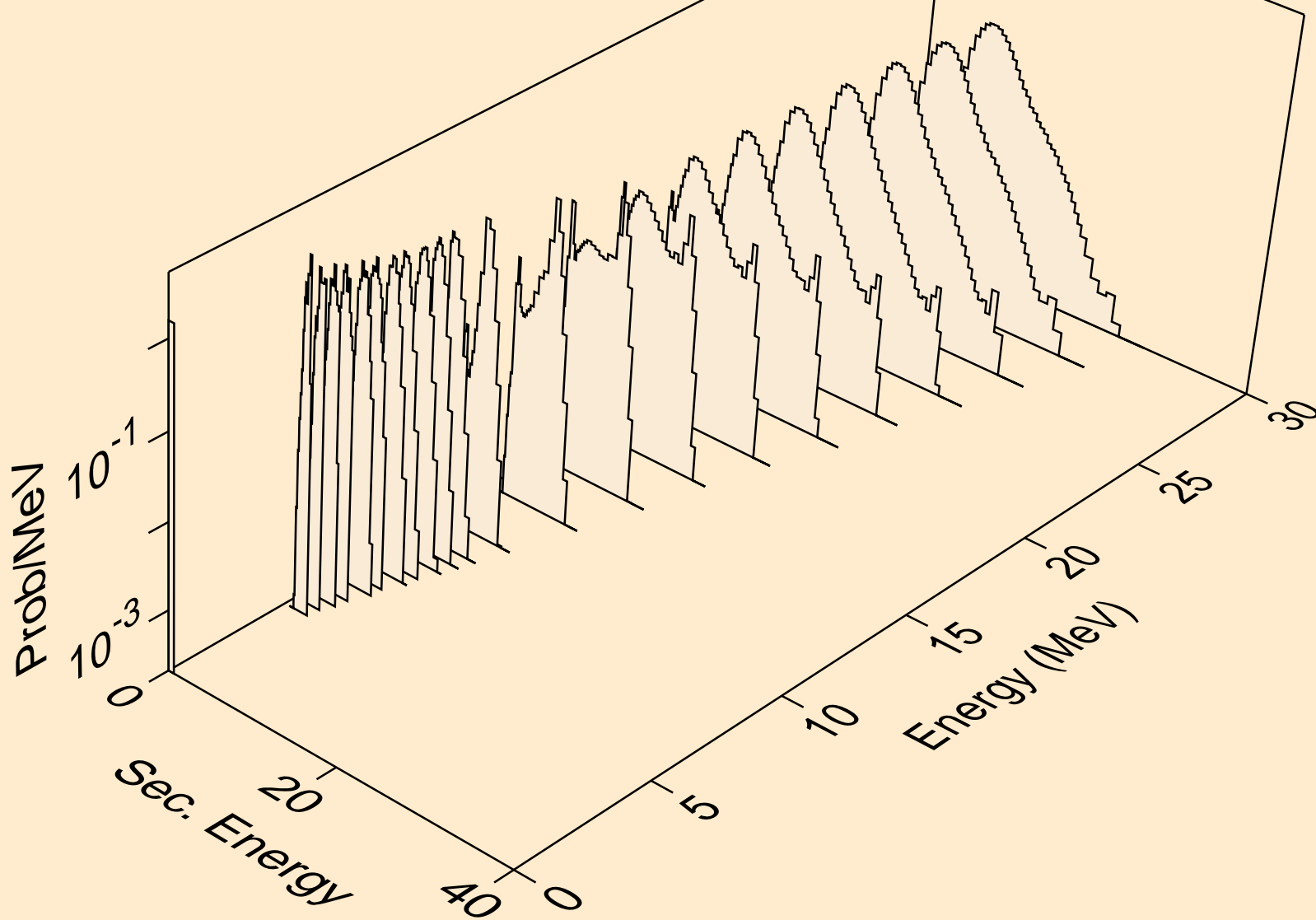
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



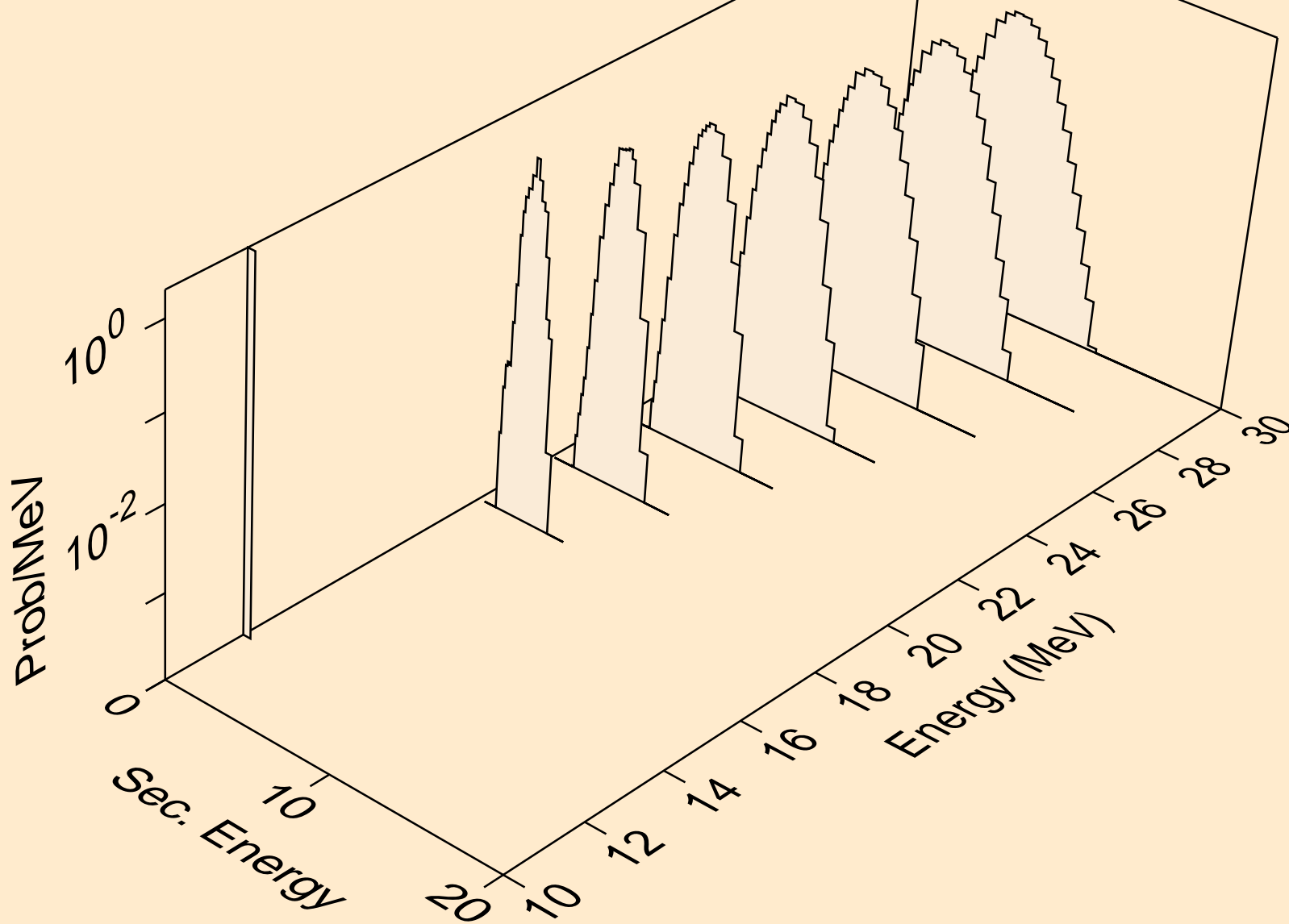
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



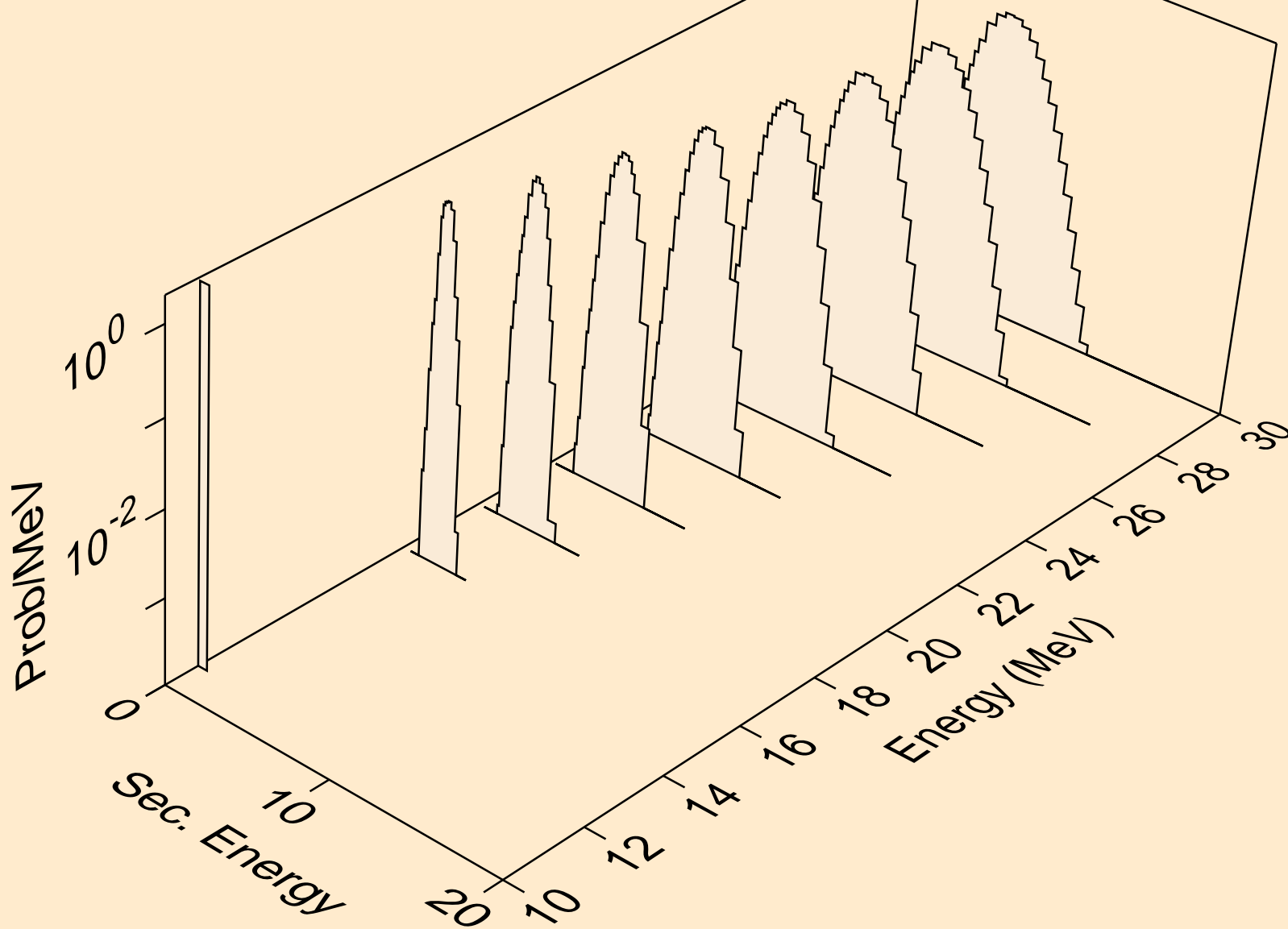
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



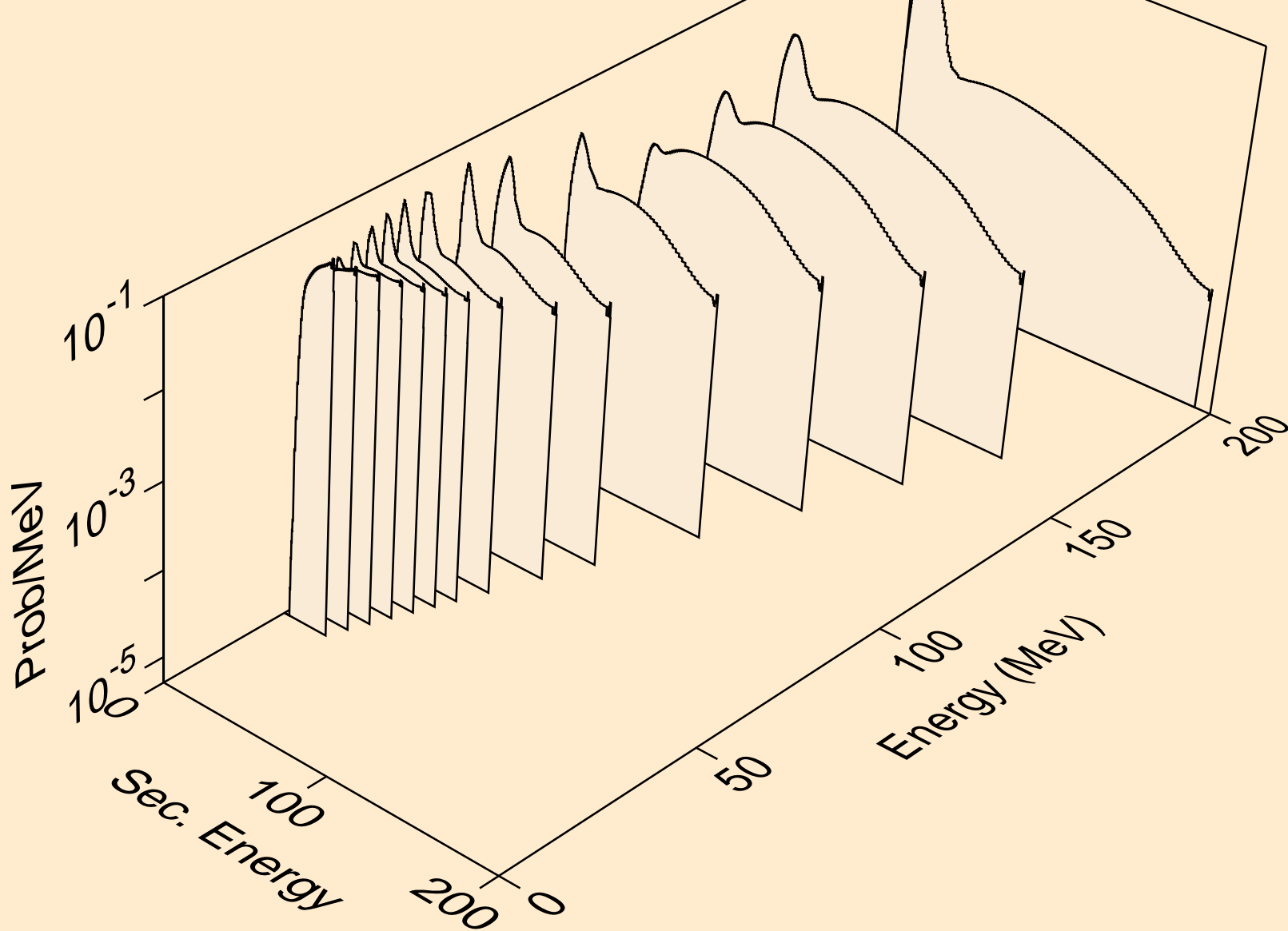
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



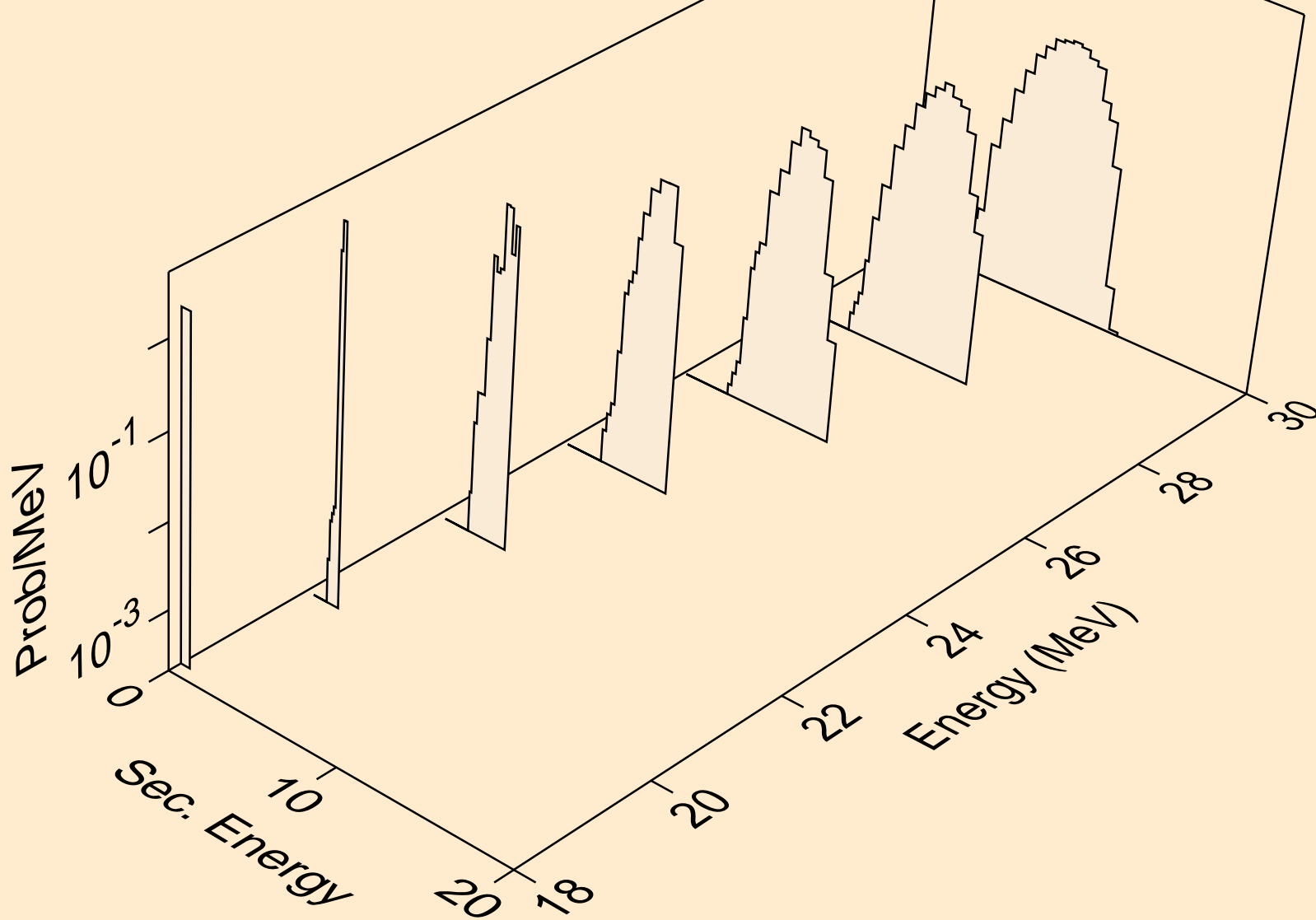
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



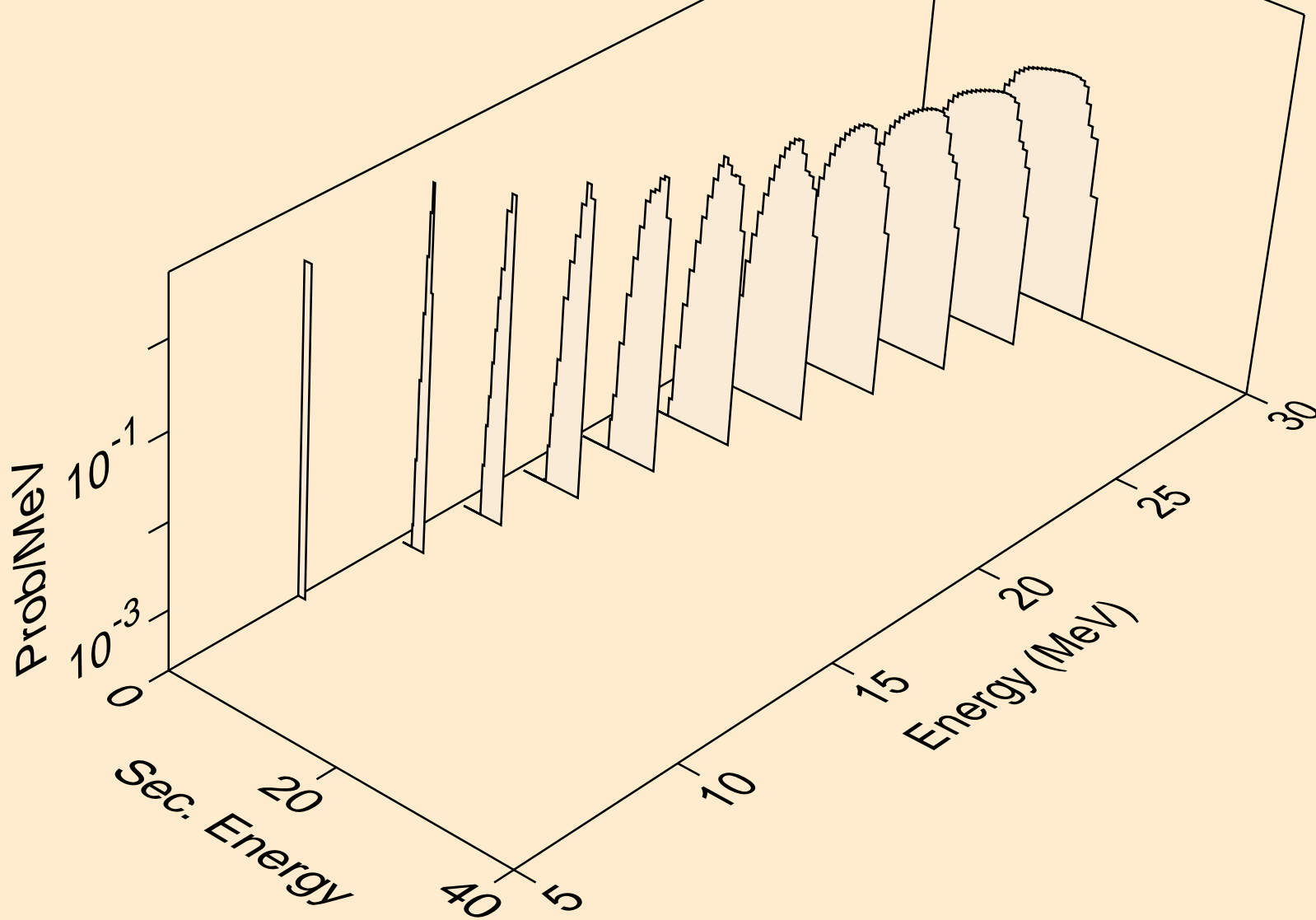
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



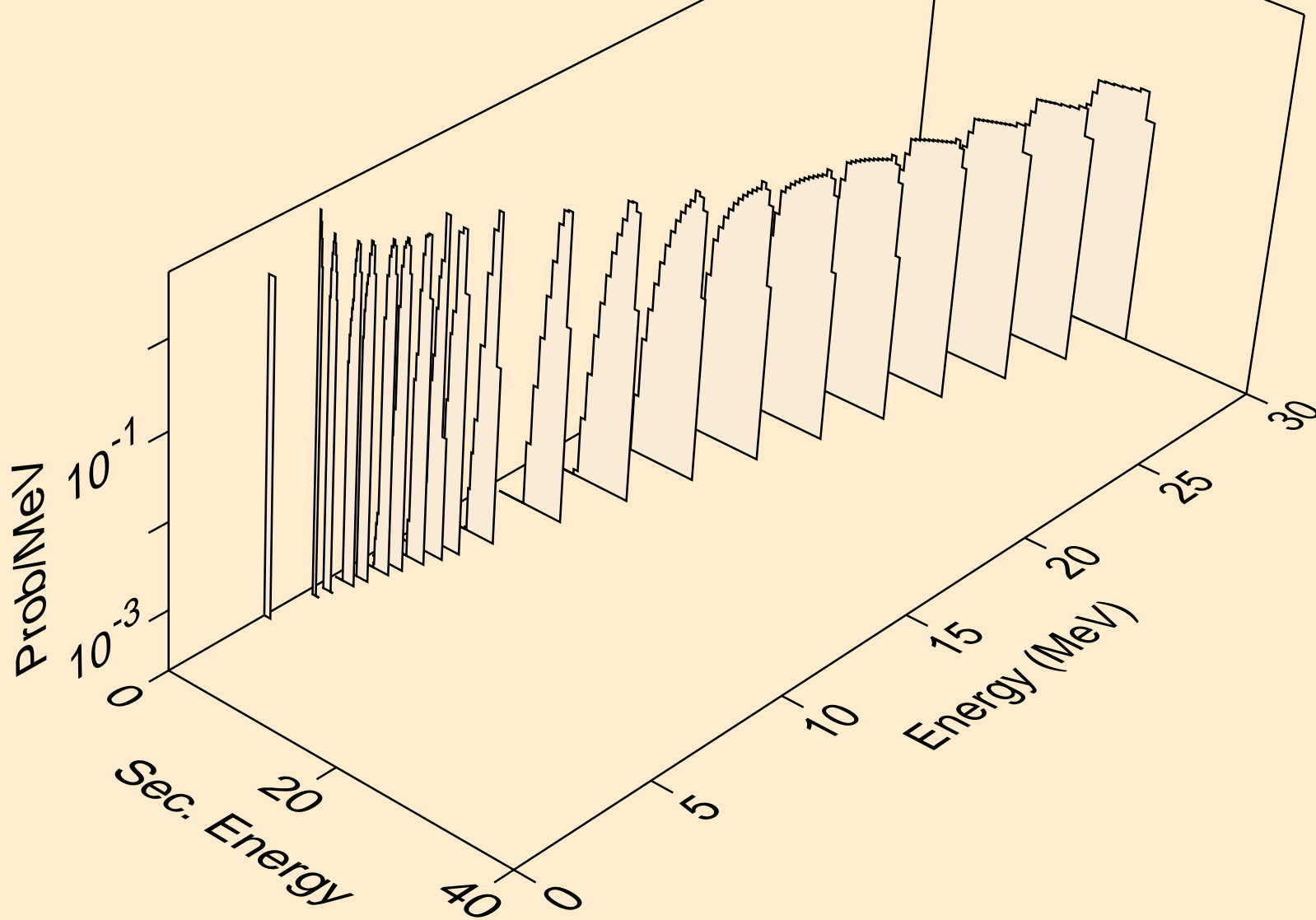
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



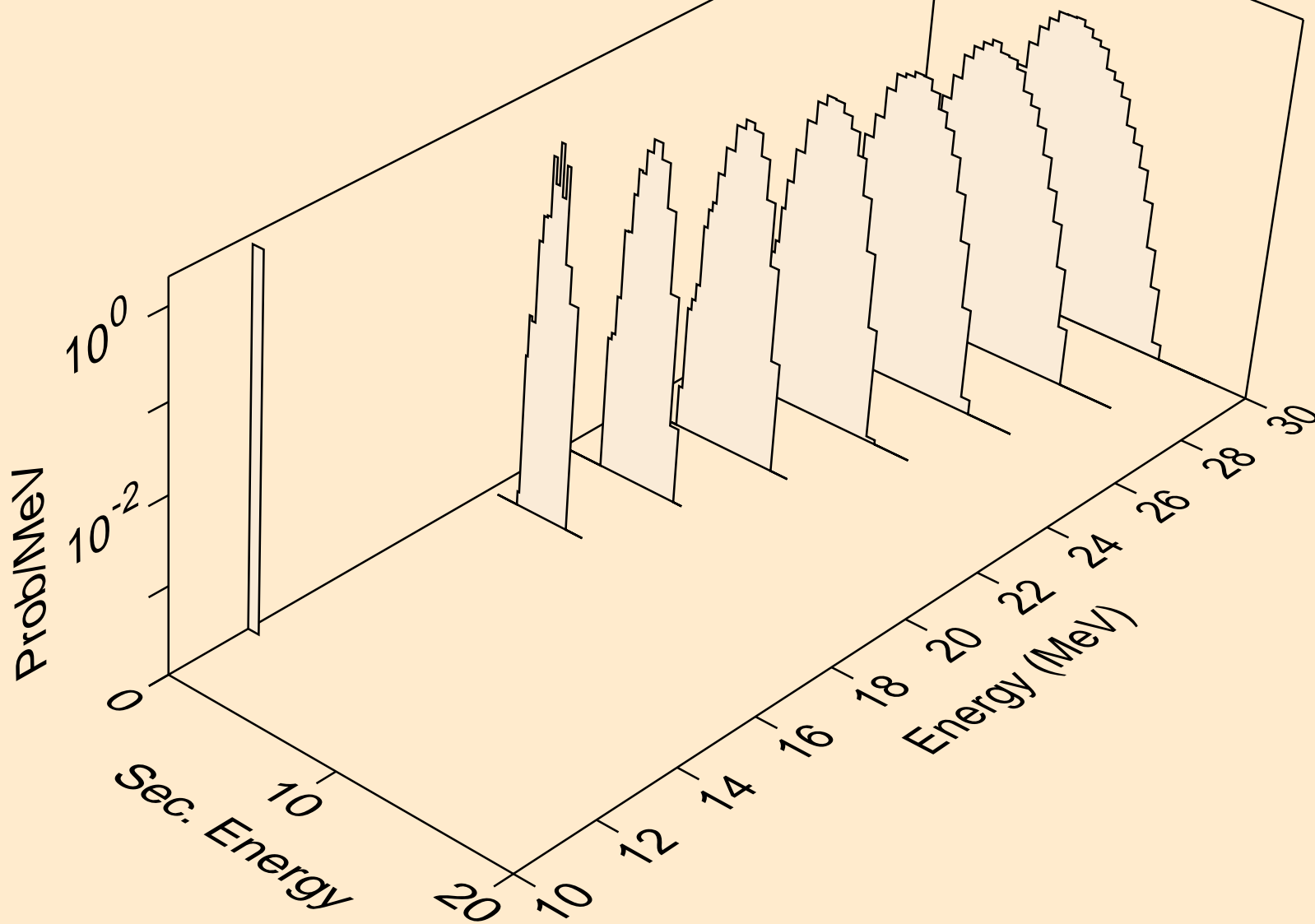
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



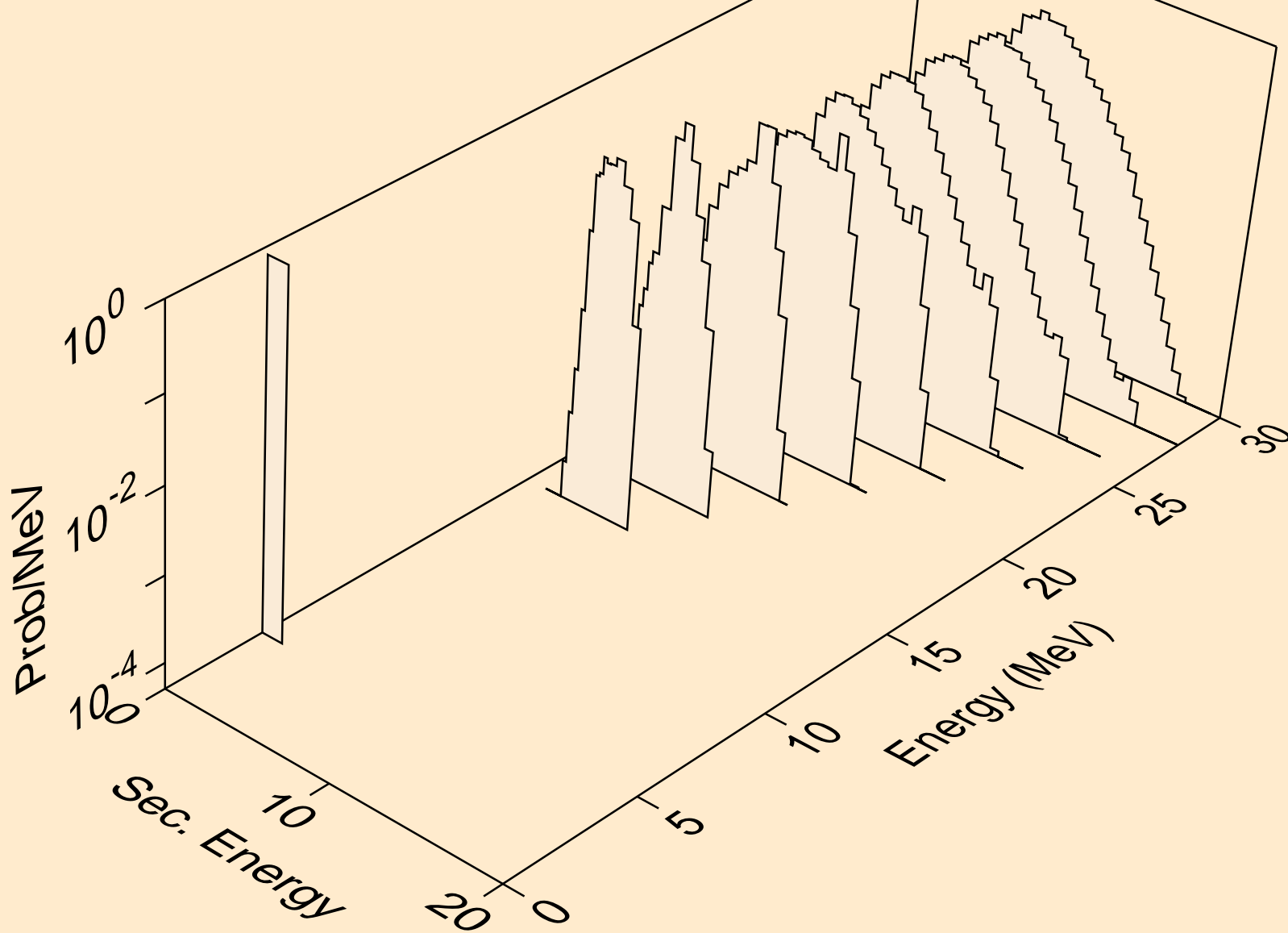
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



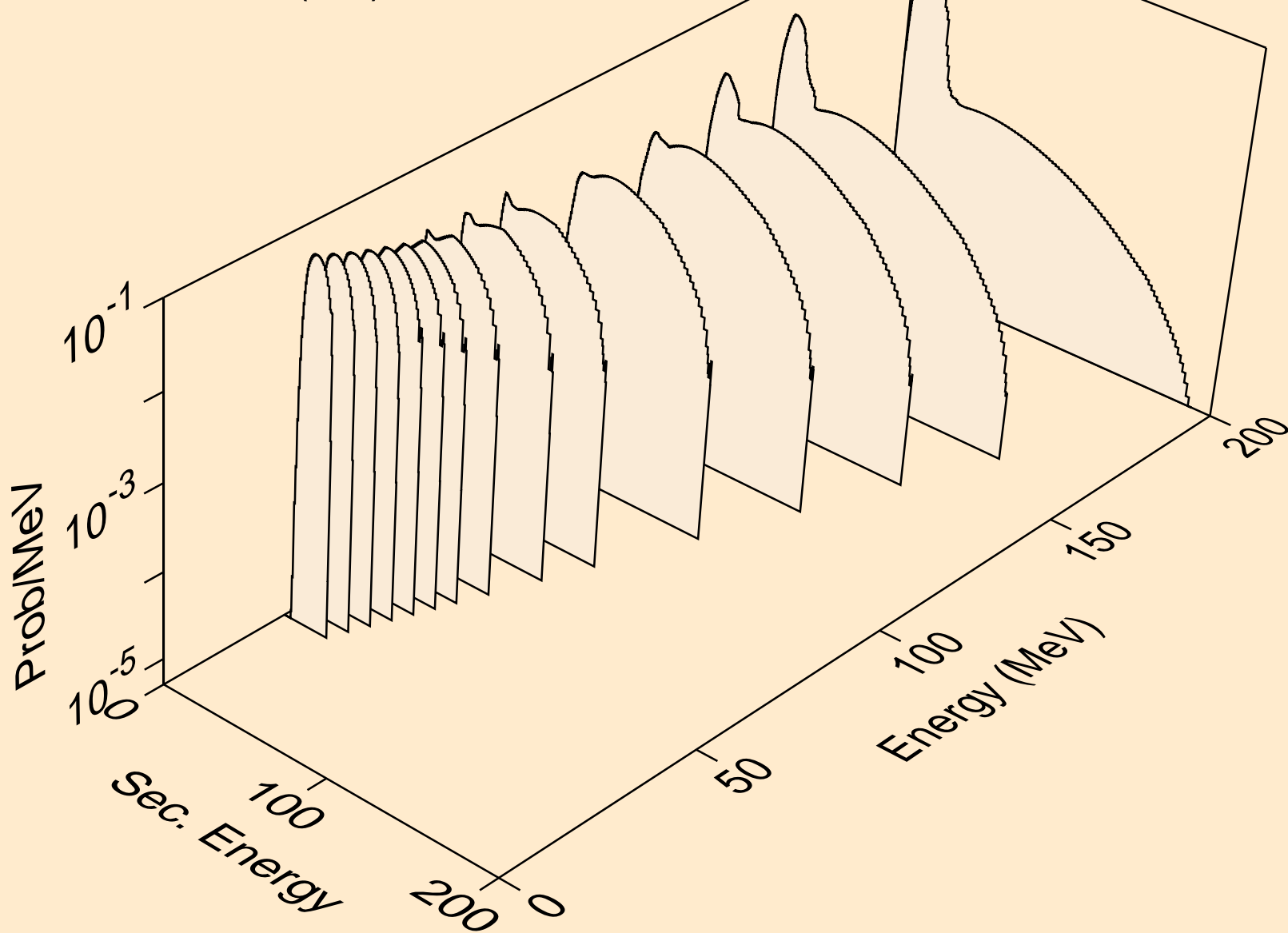
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



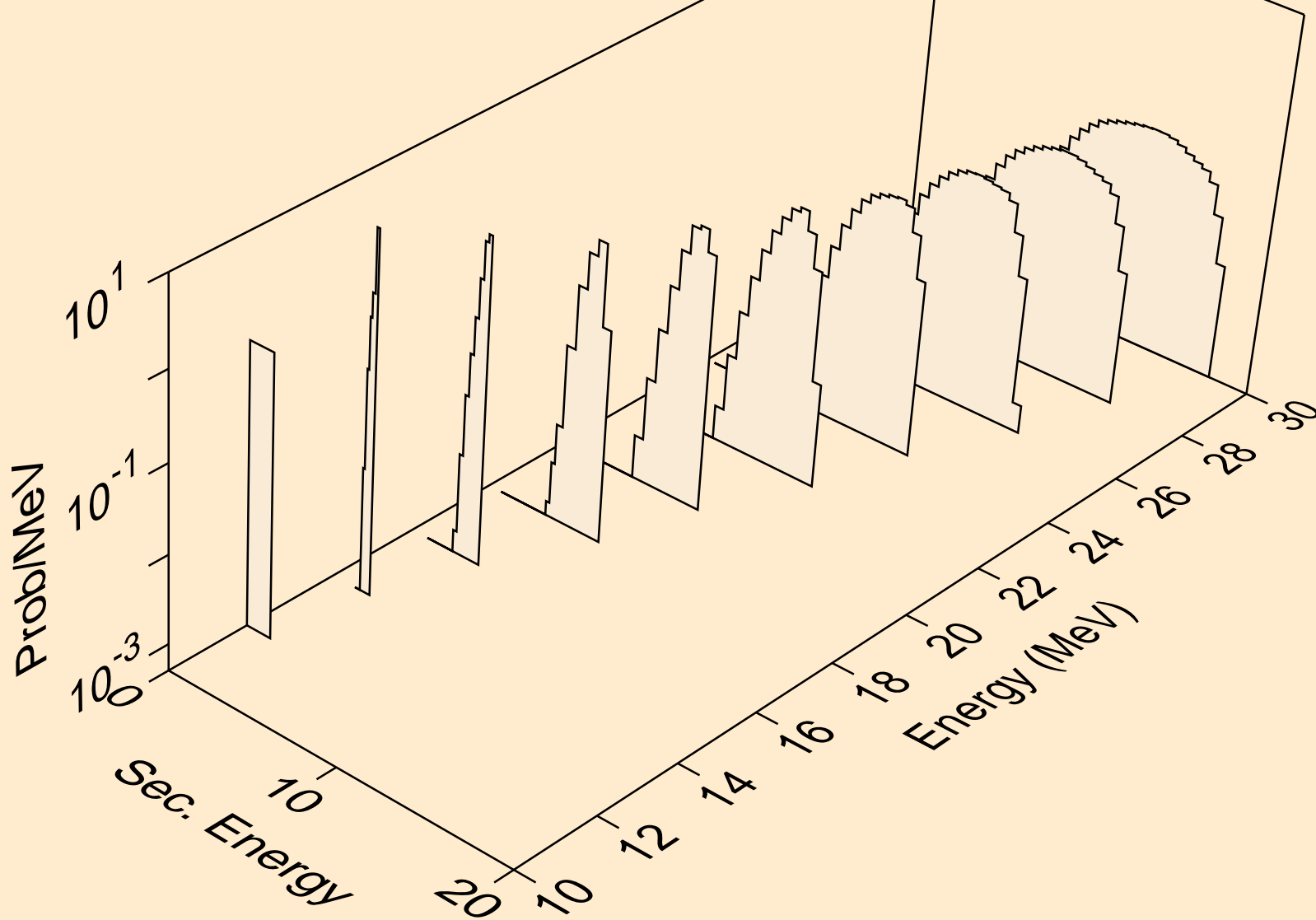
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



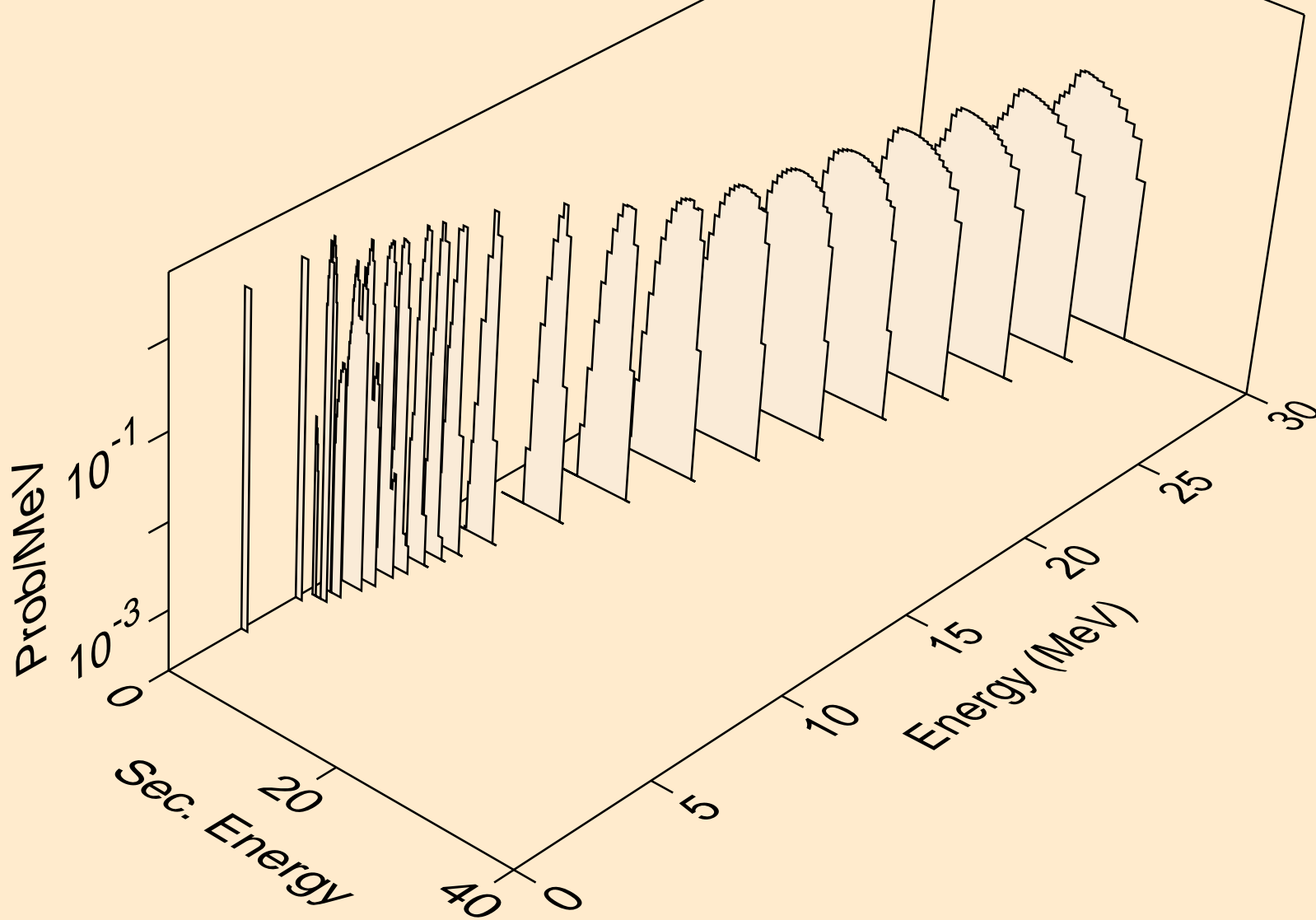
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



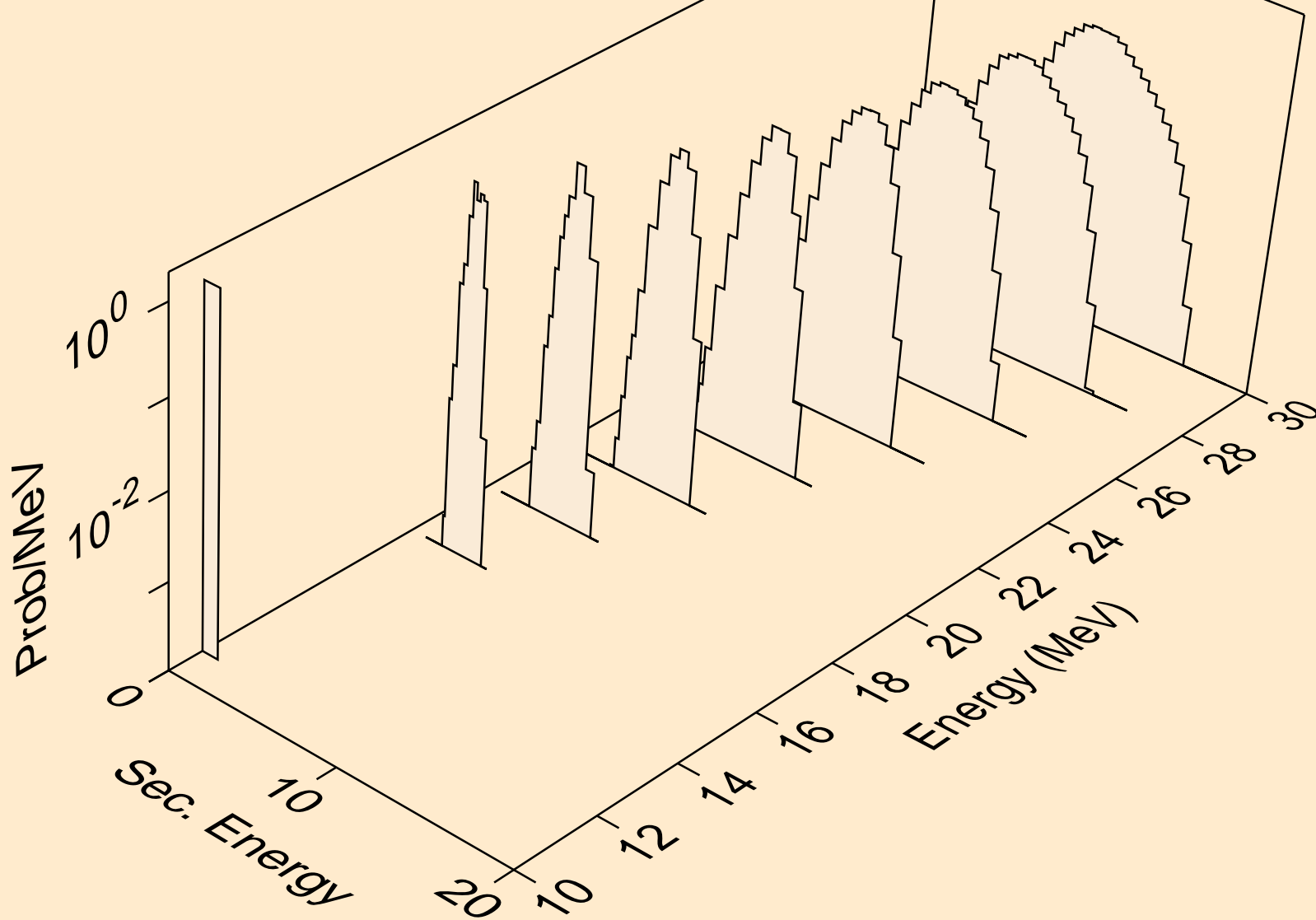
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



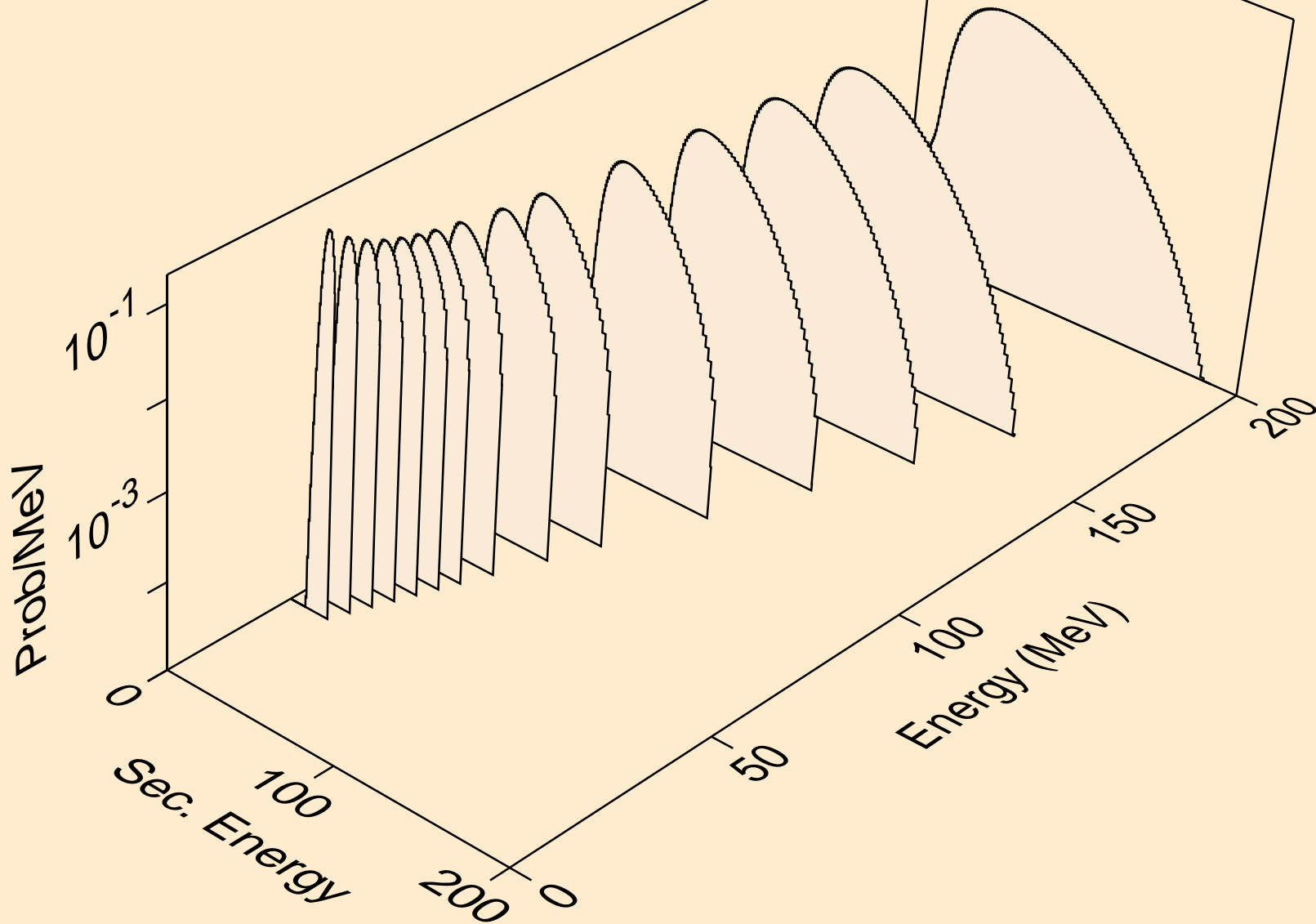
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



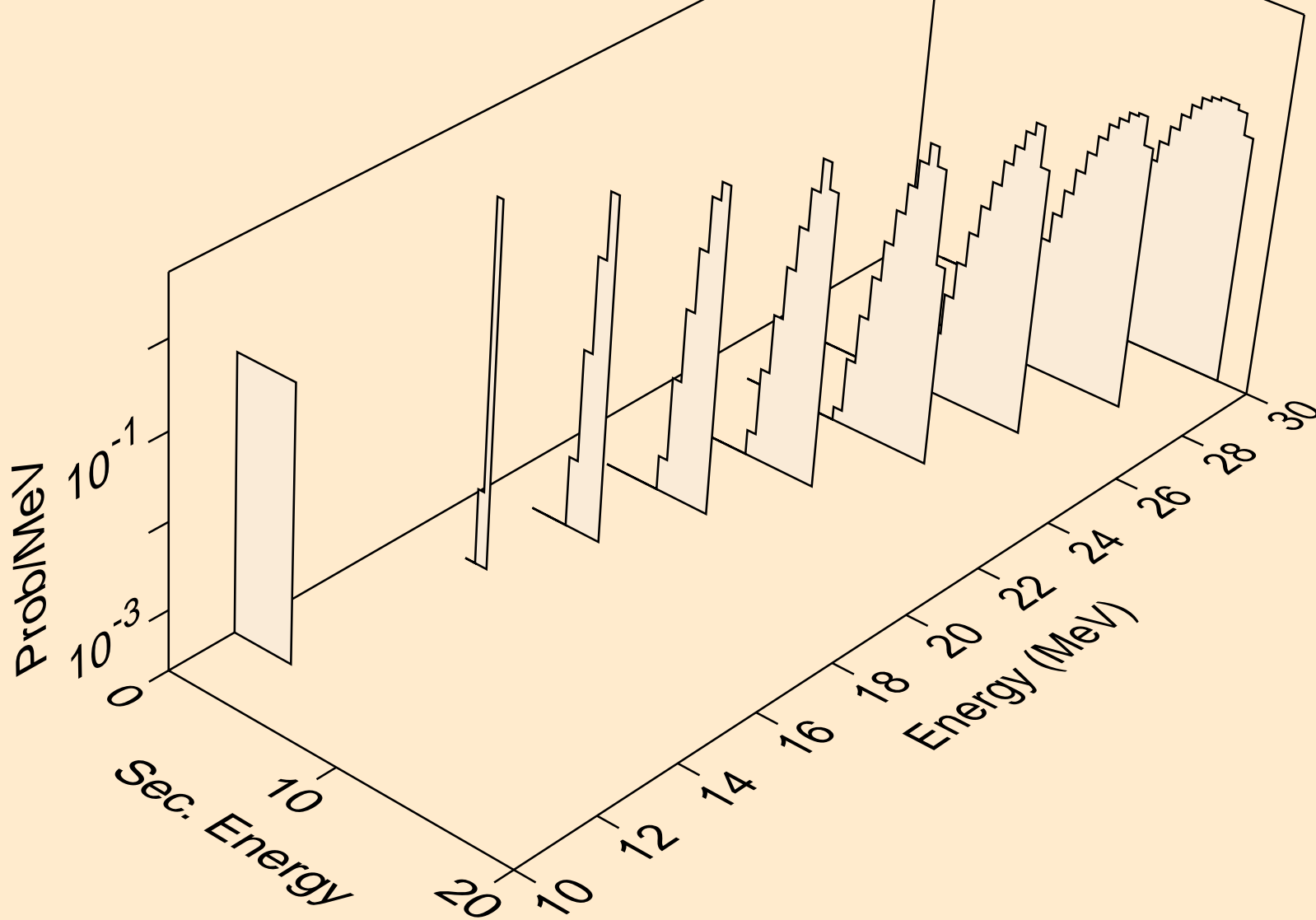
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



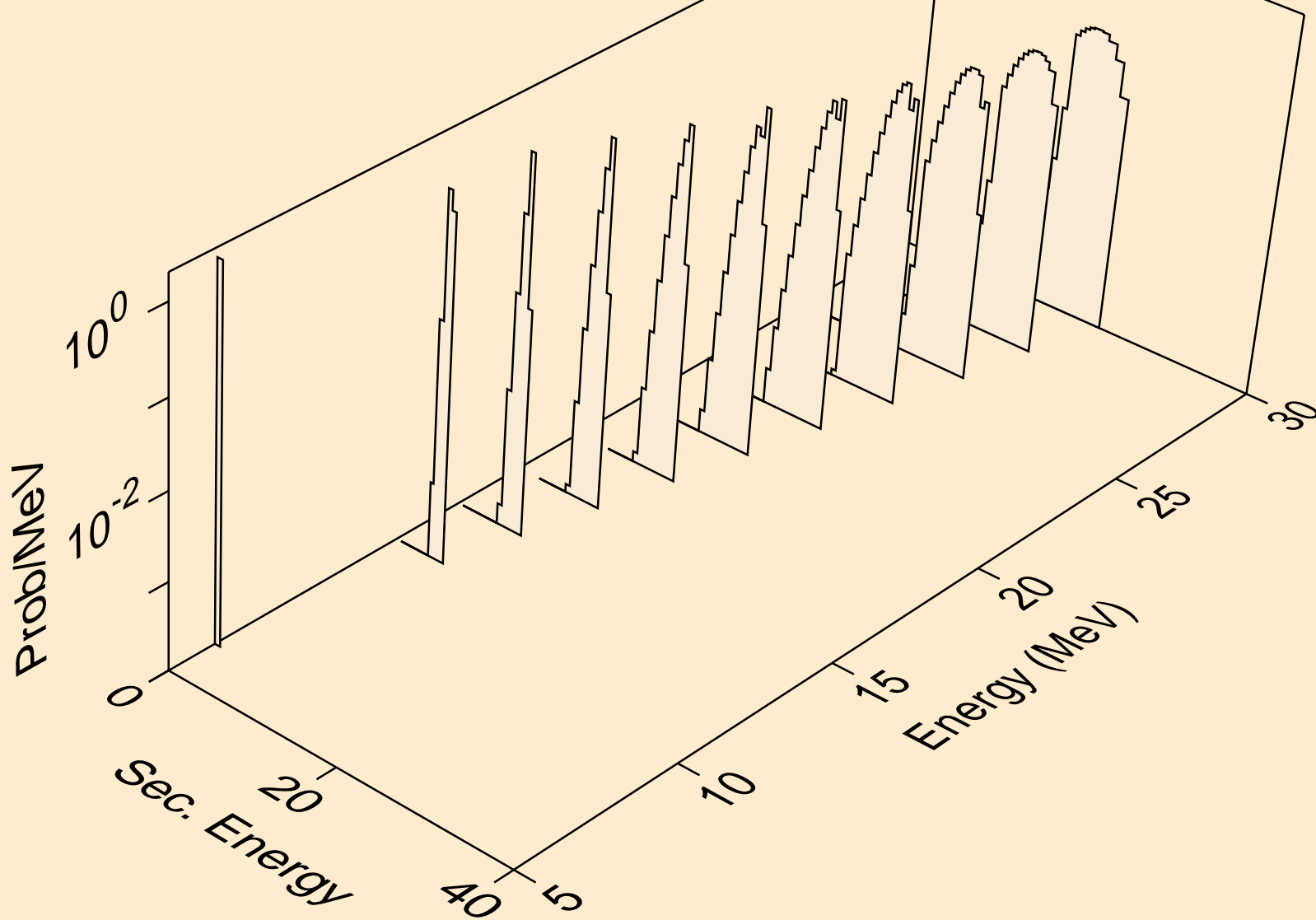
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



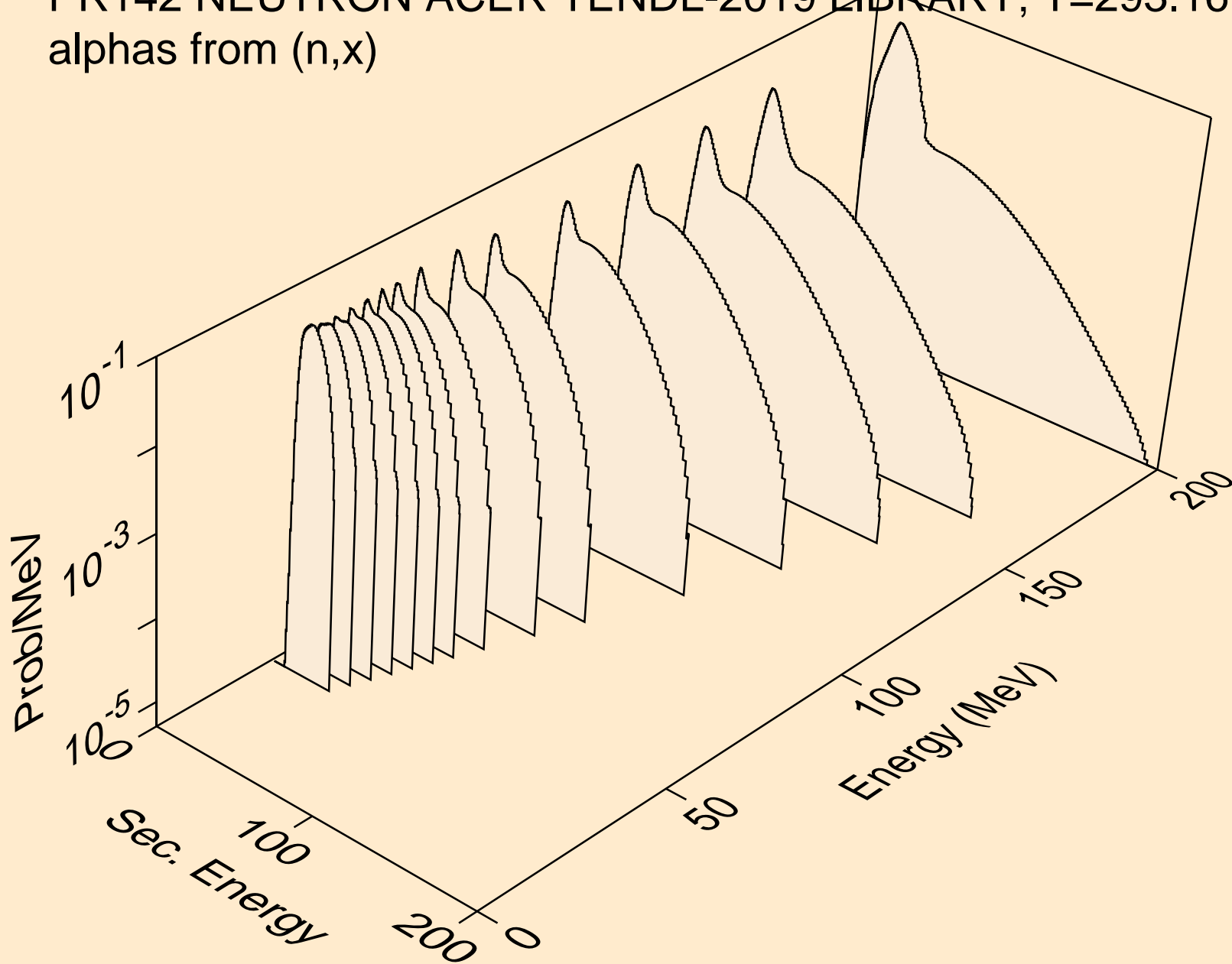
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



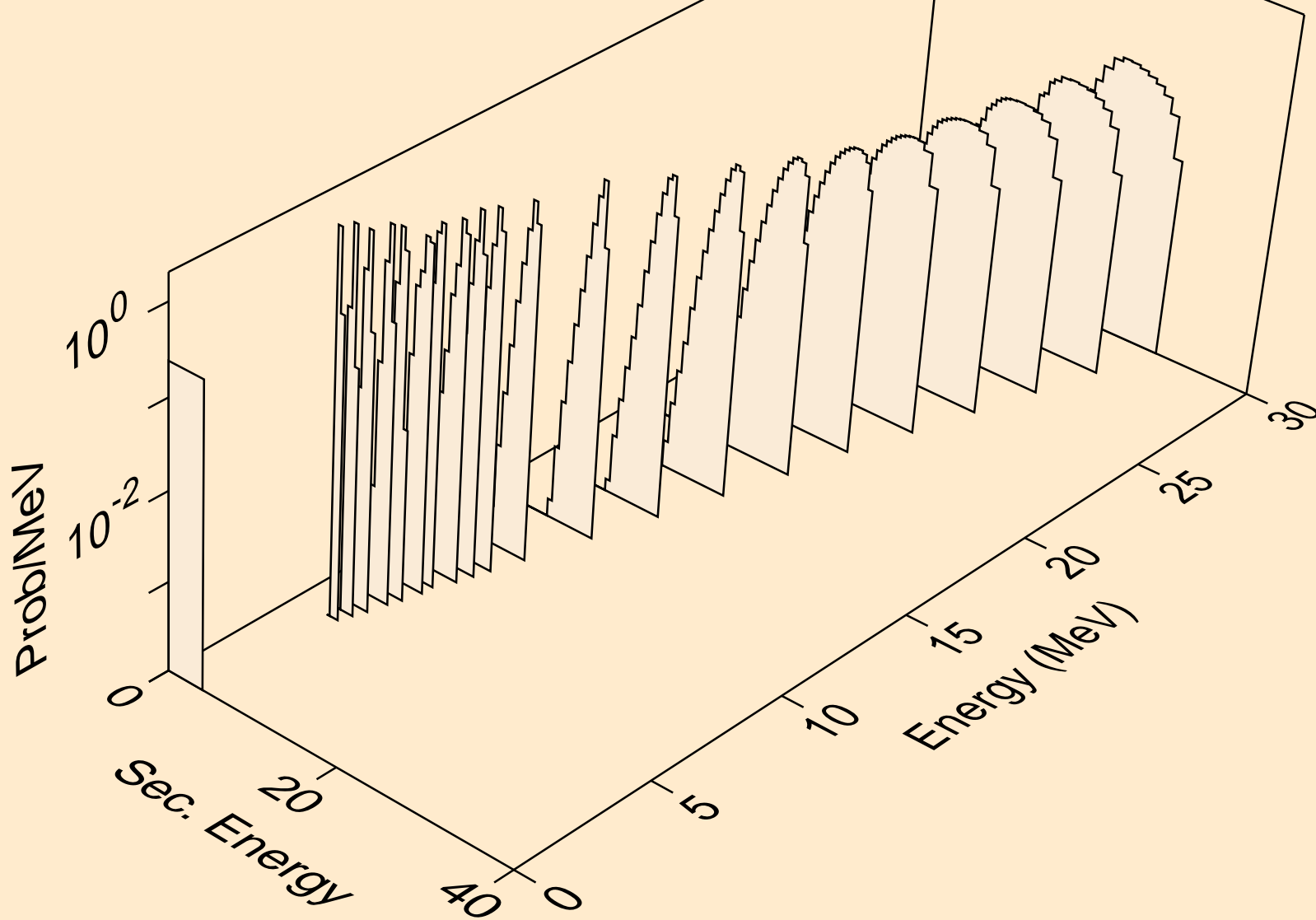
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



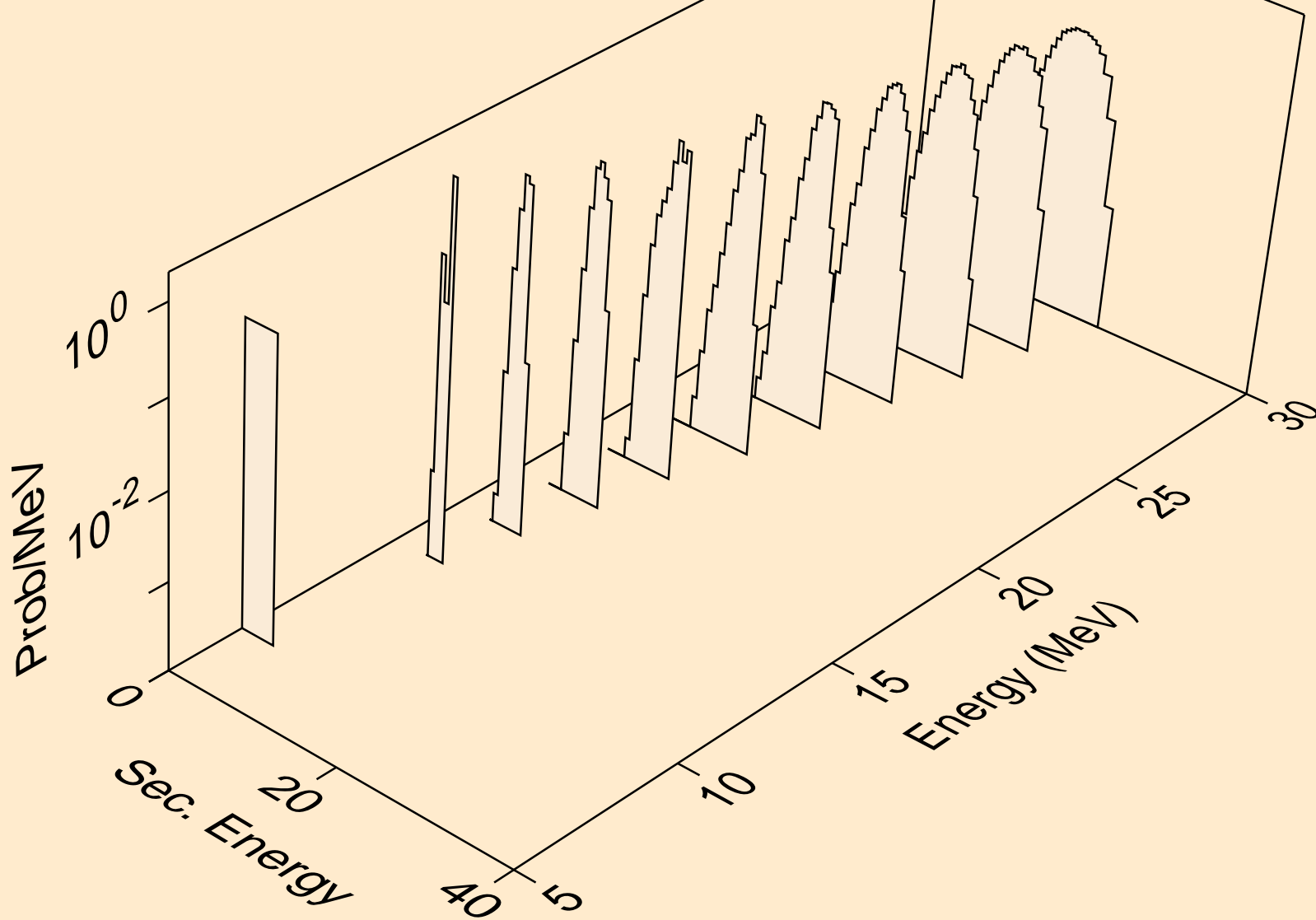
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



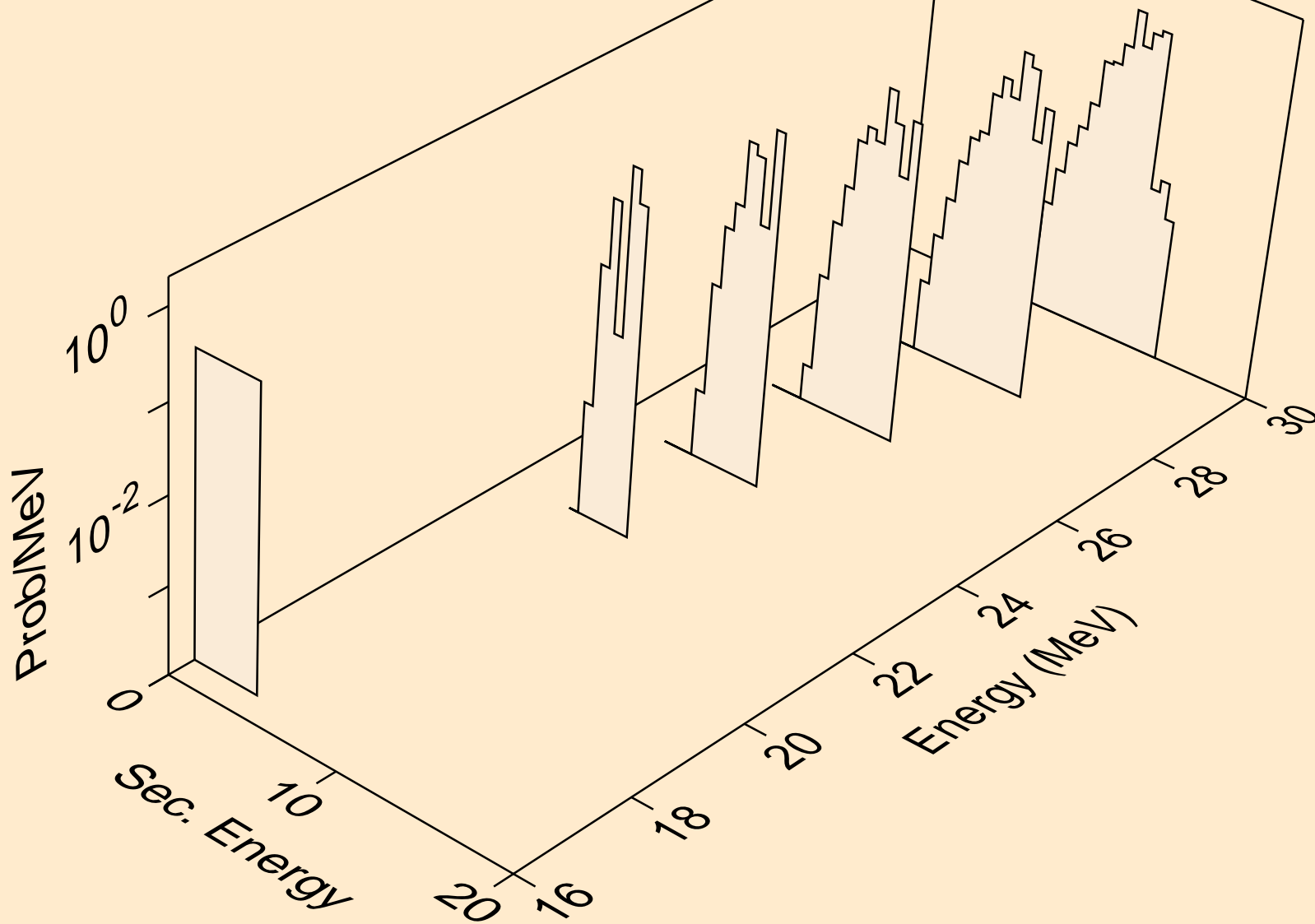
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



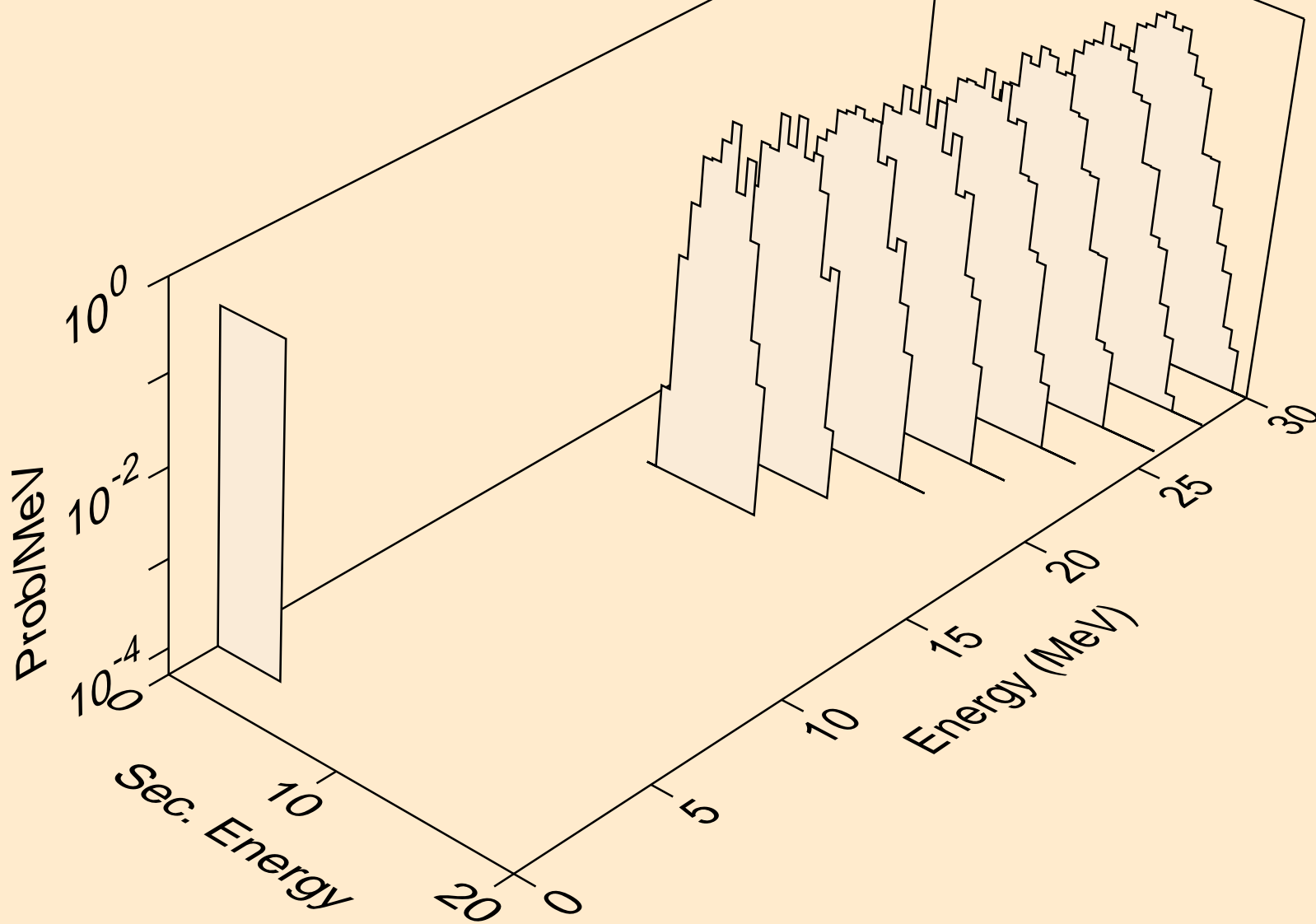
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



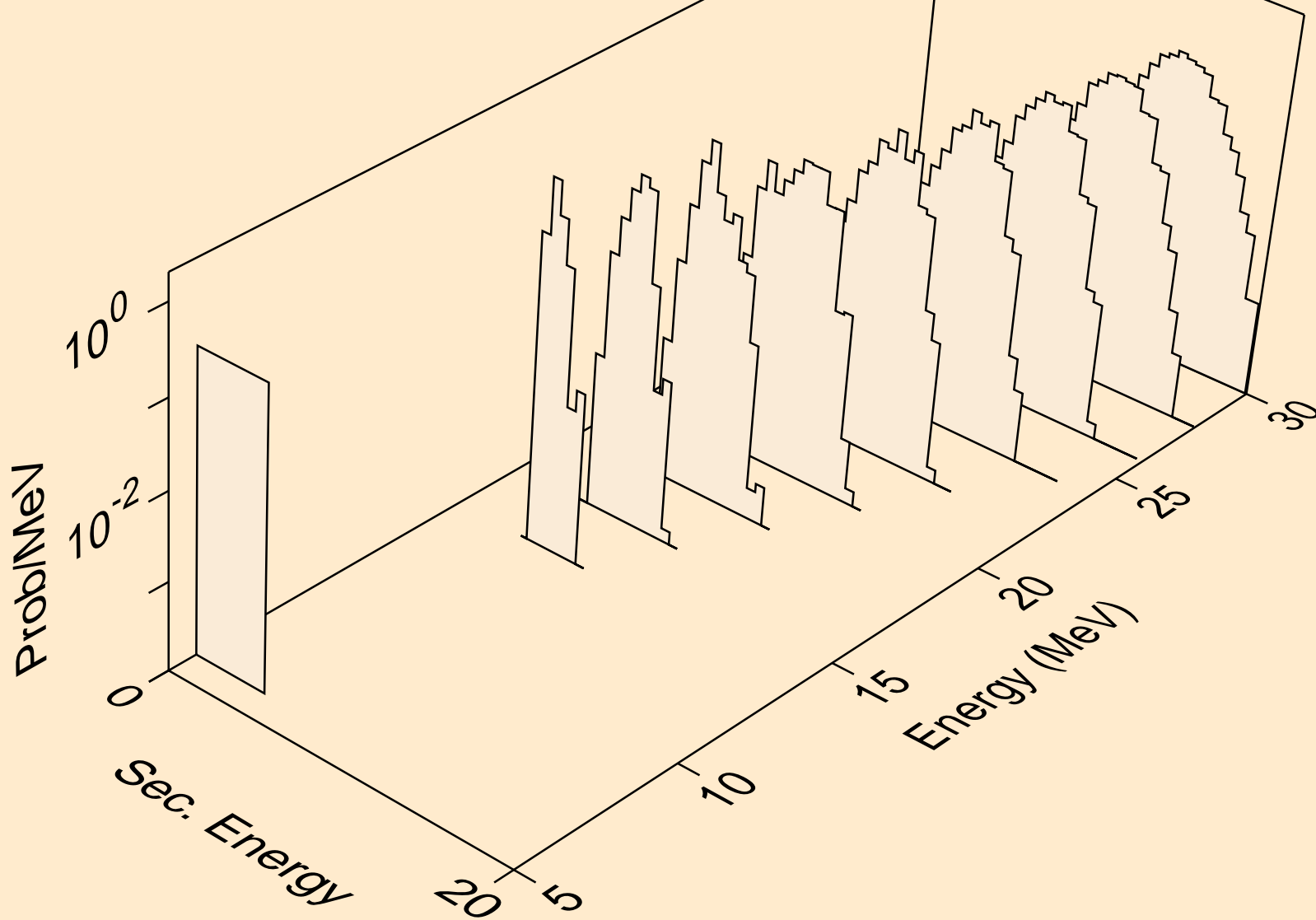
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



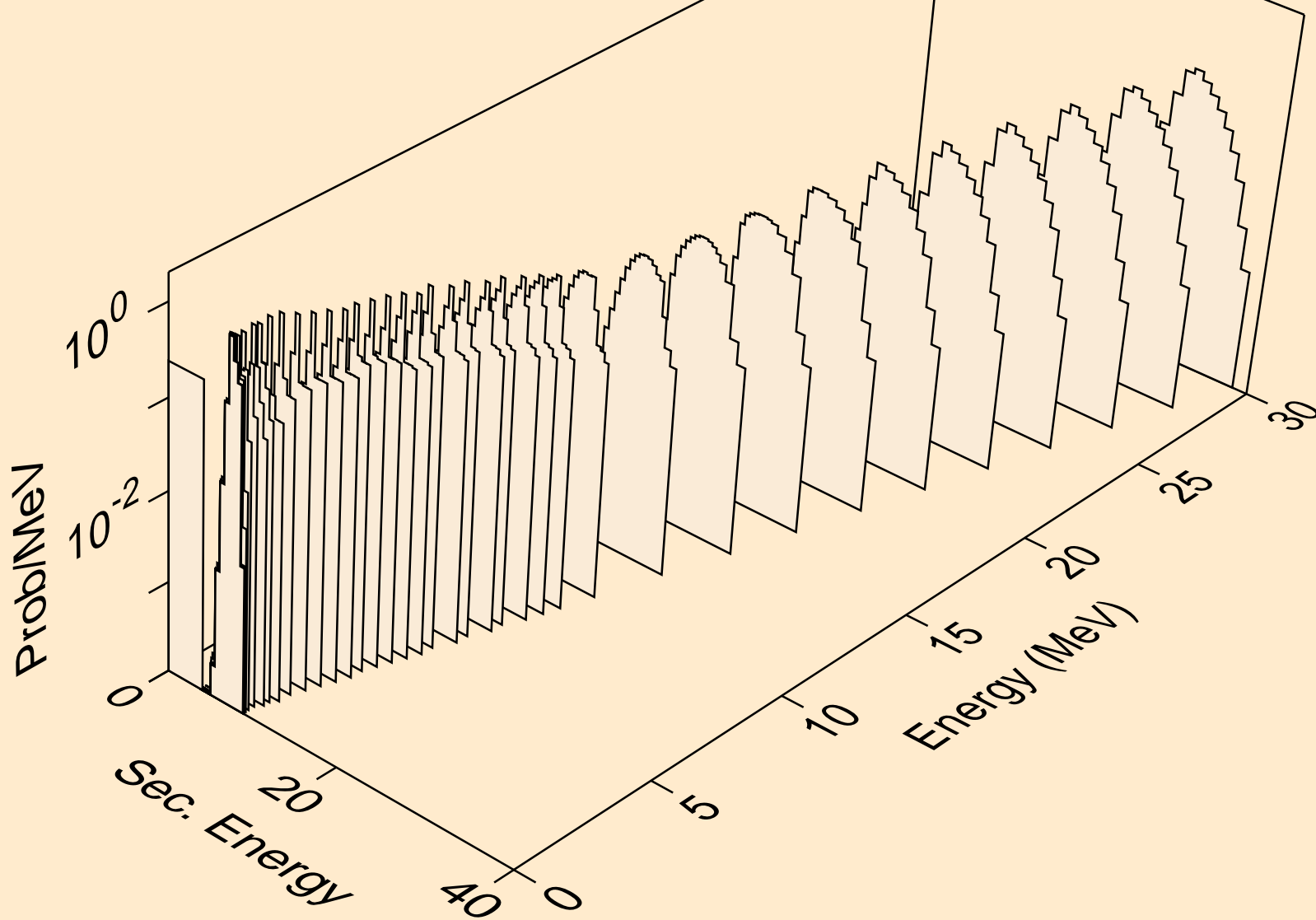
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



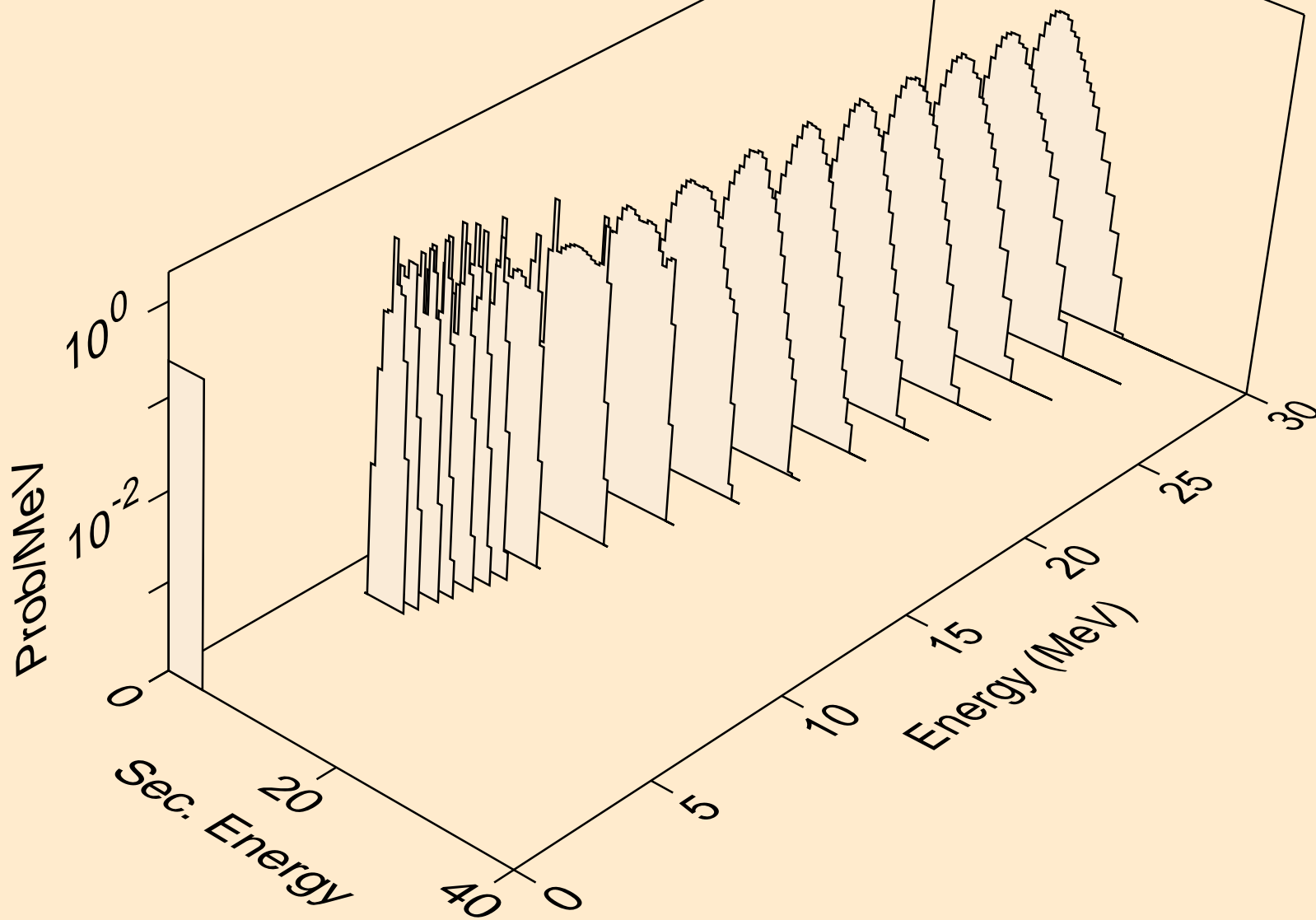
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



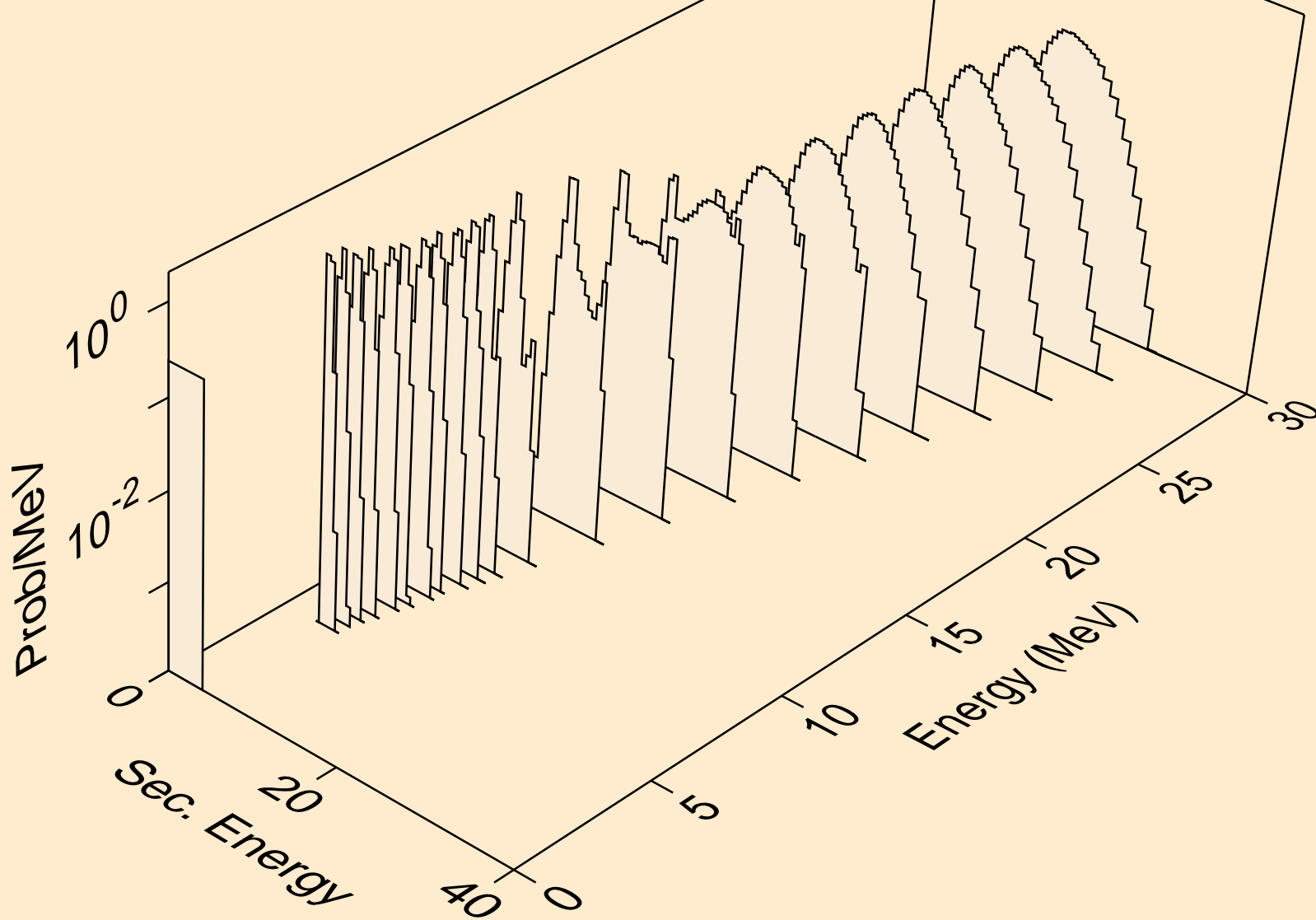
PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



PR142 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

