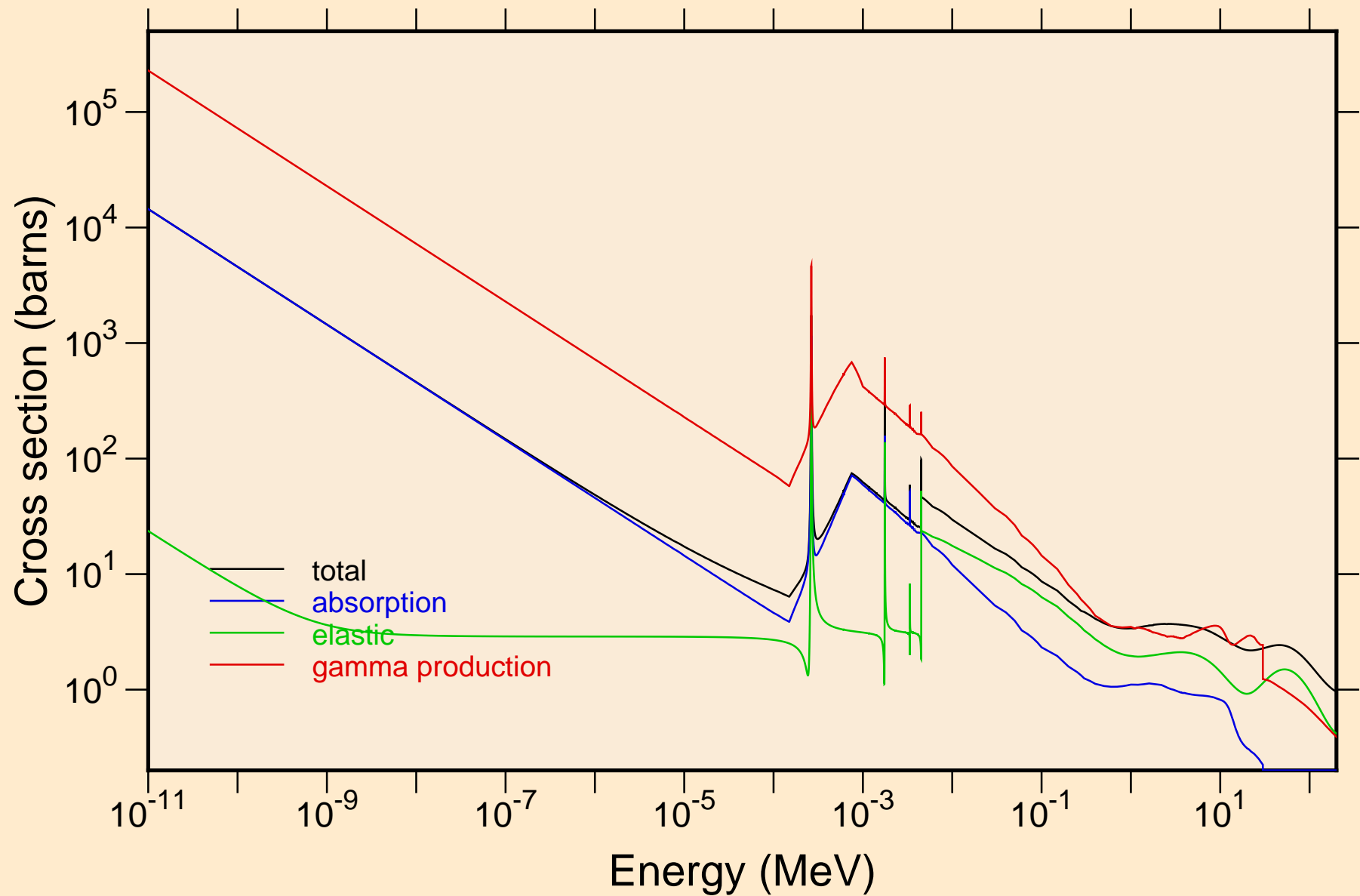
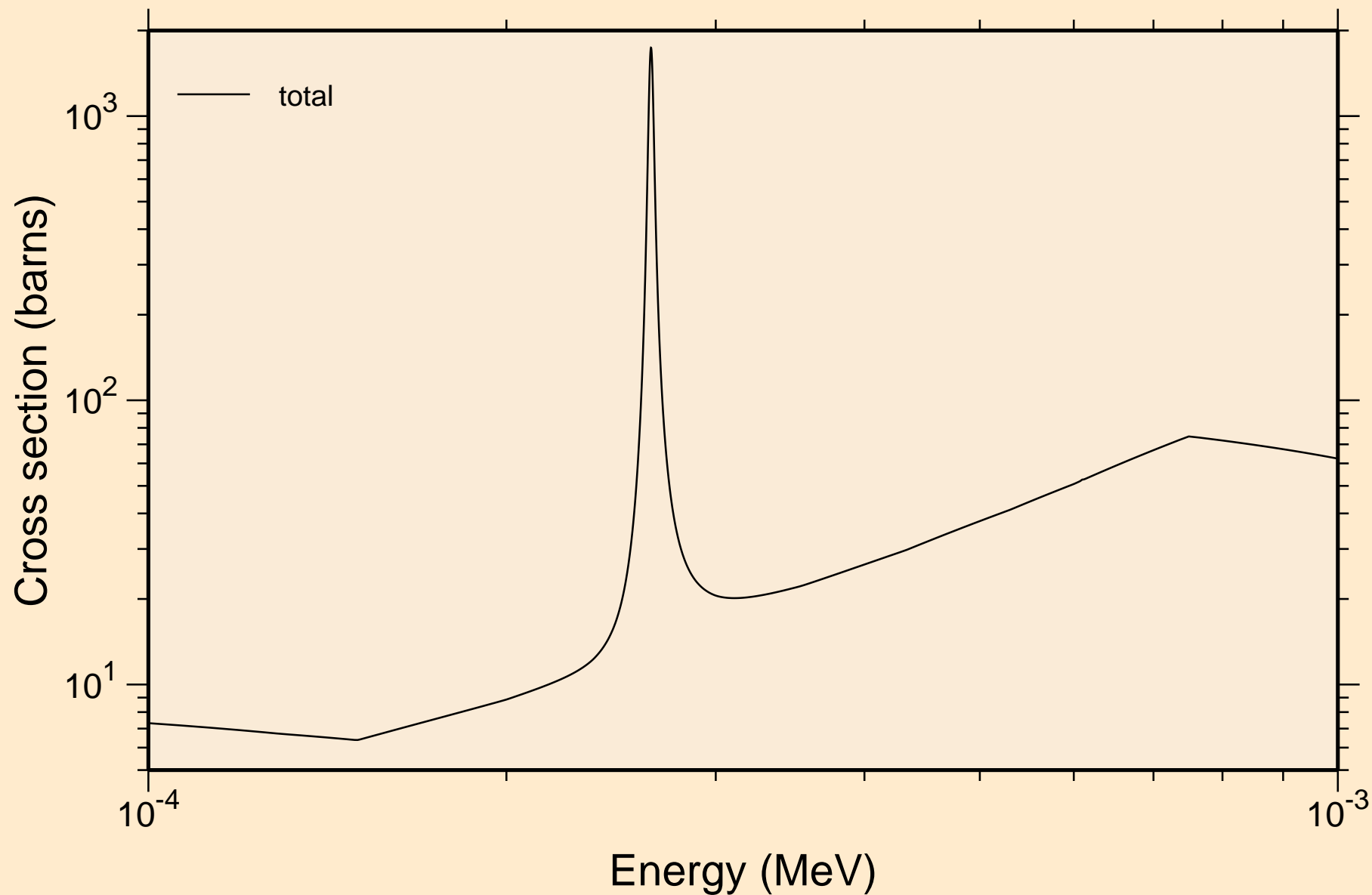


CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

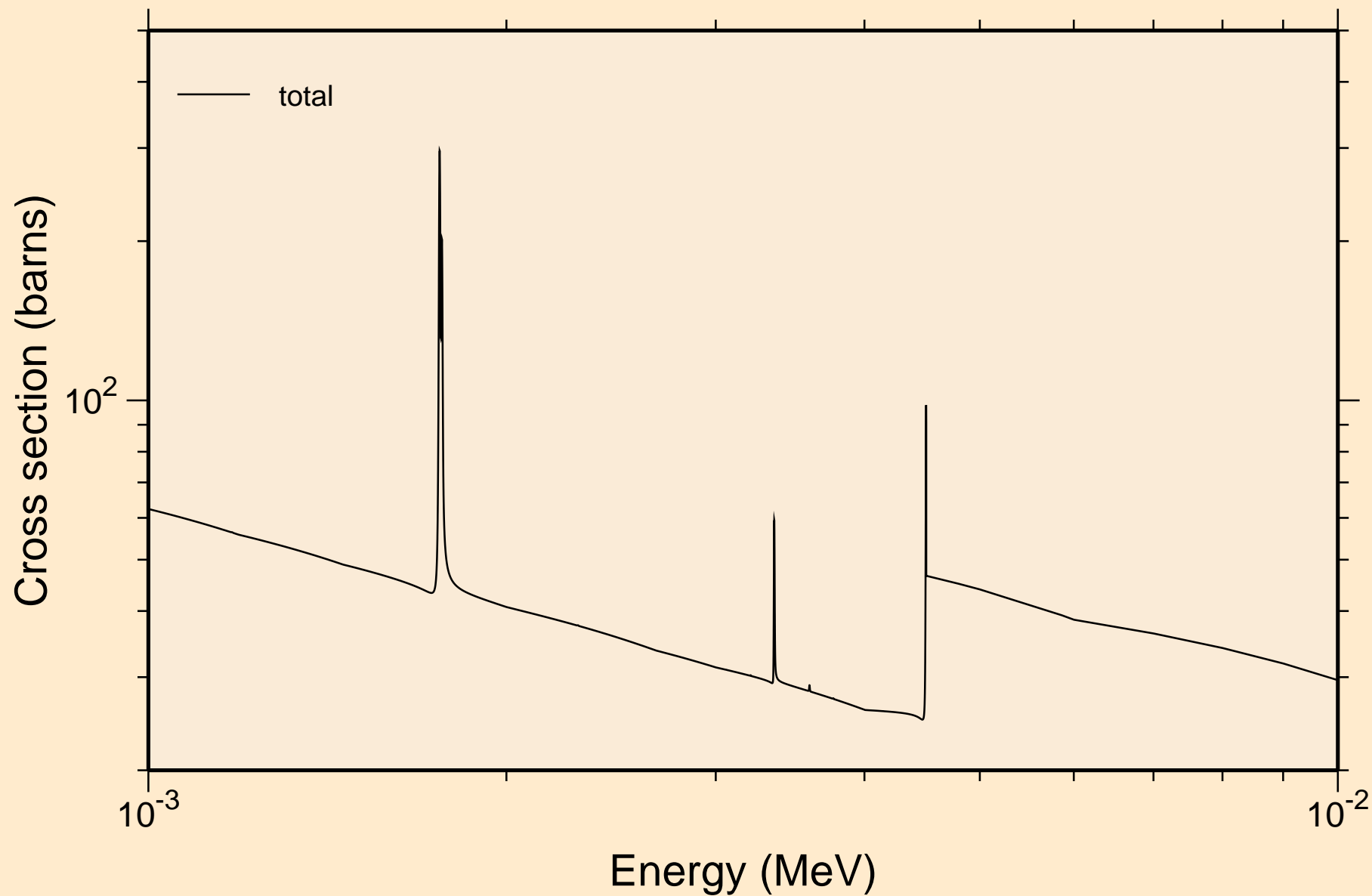
Principal cross sections



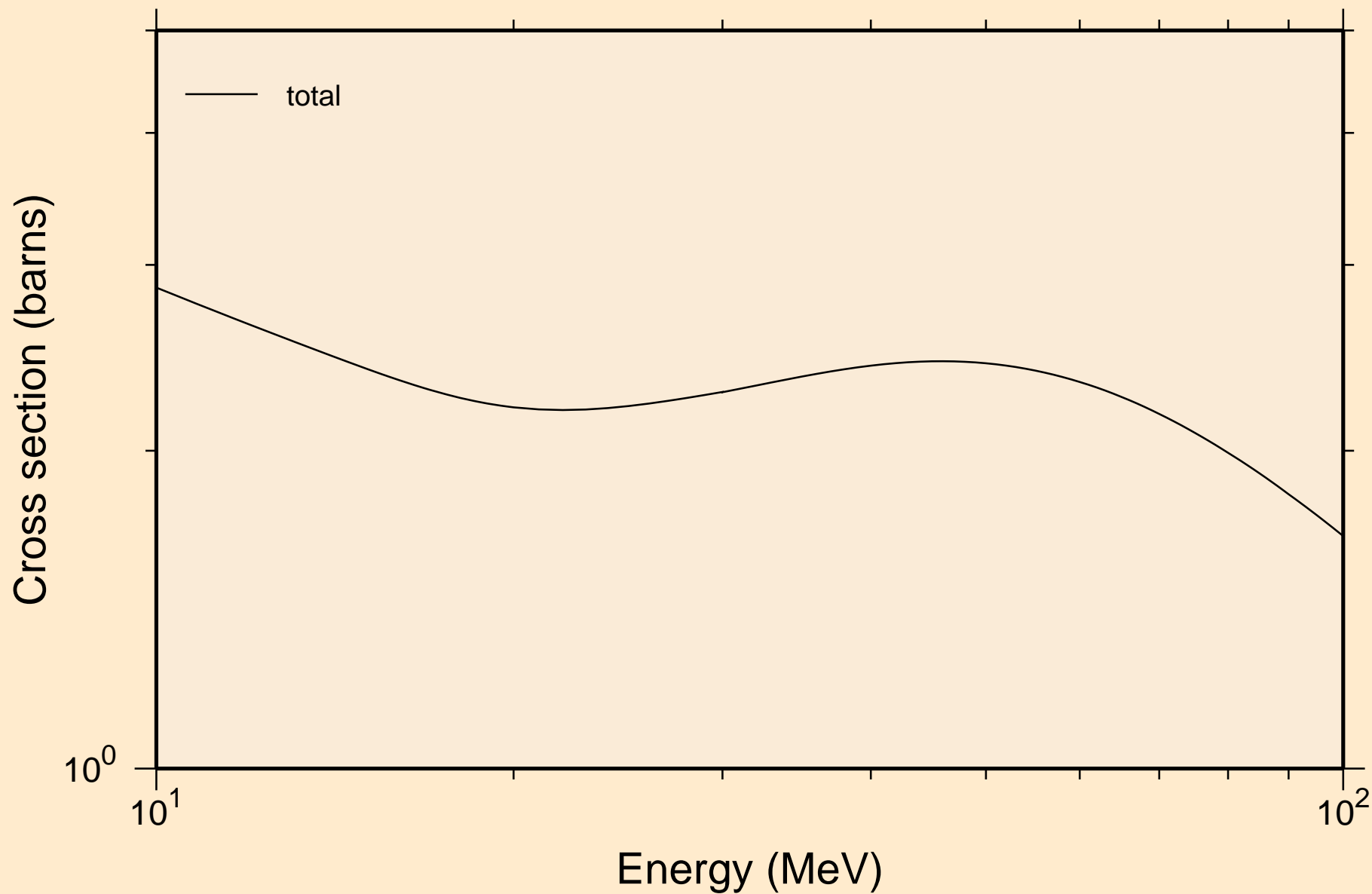
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



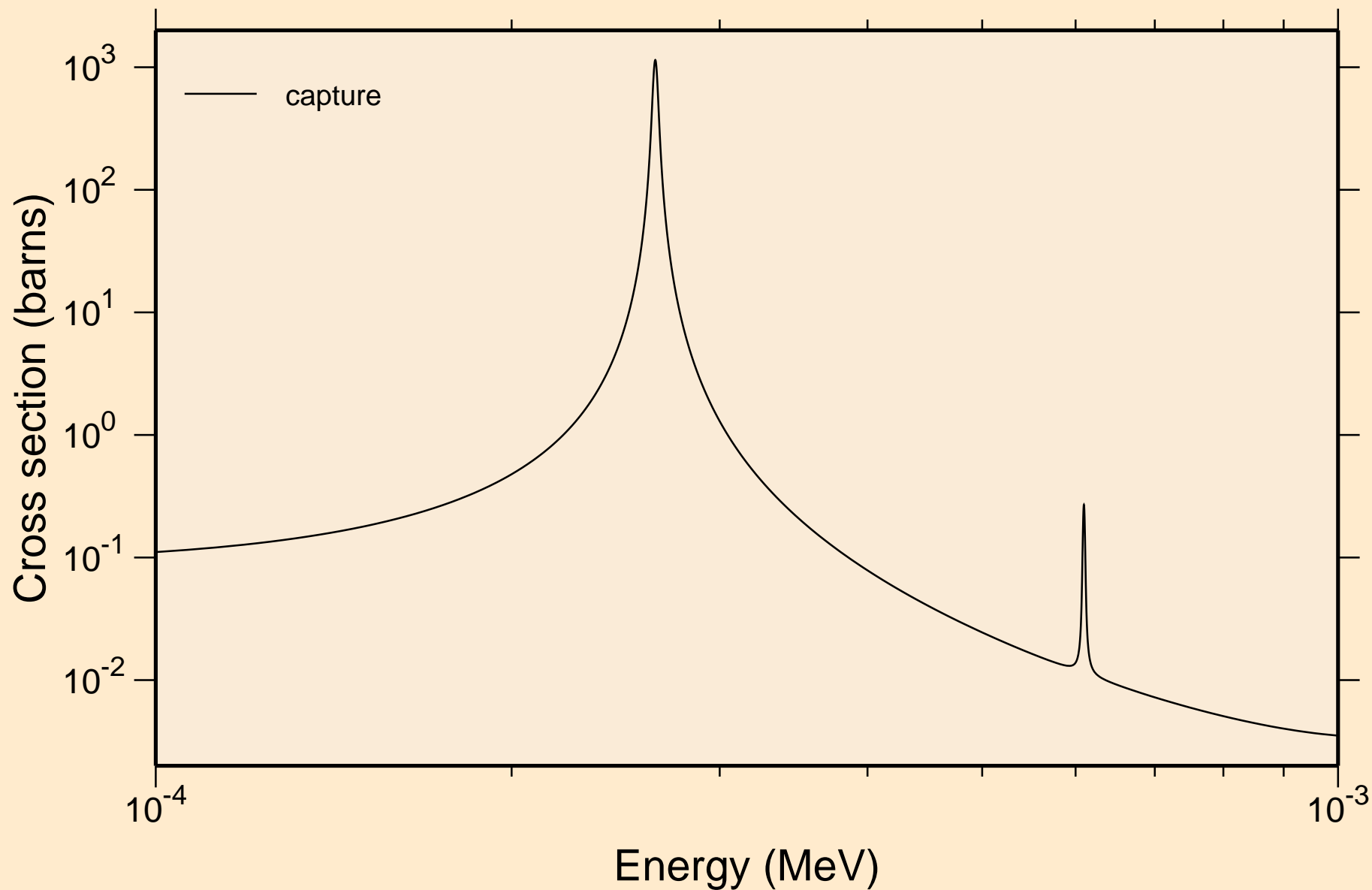
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



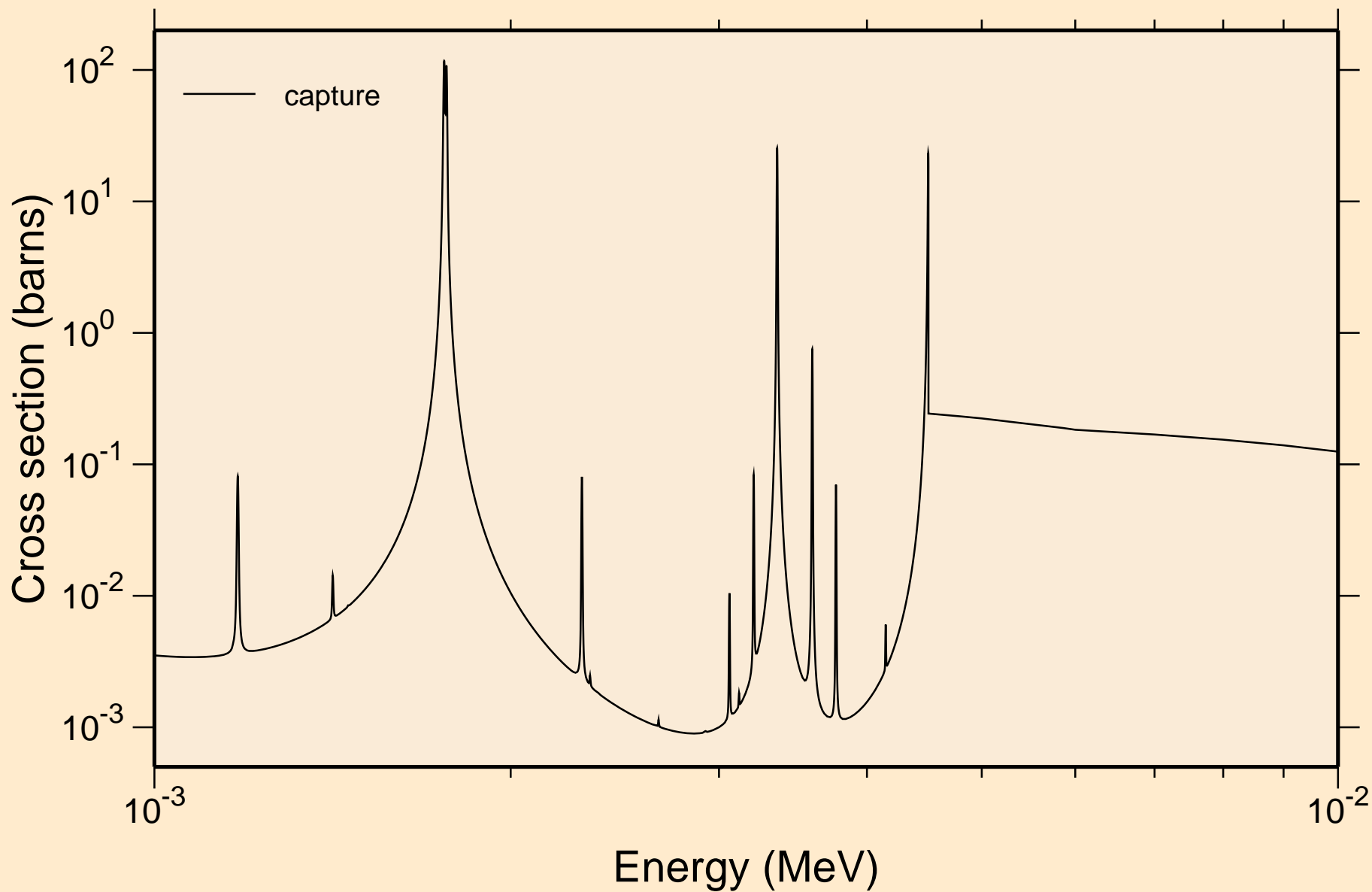
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



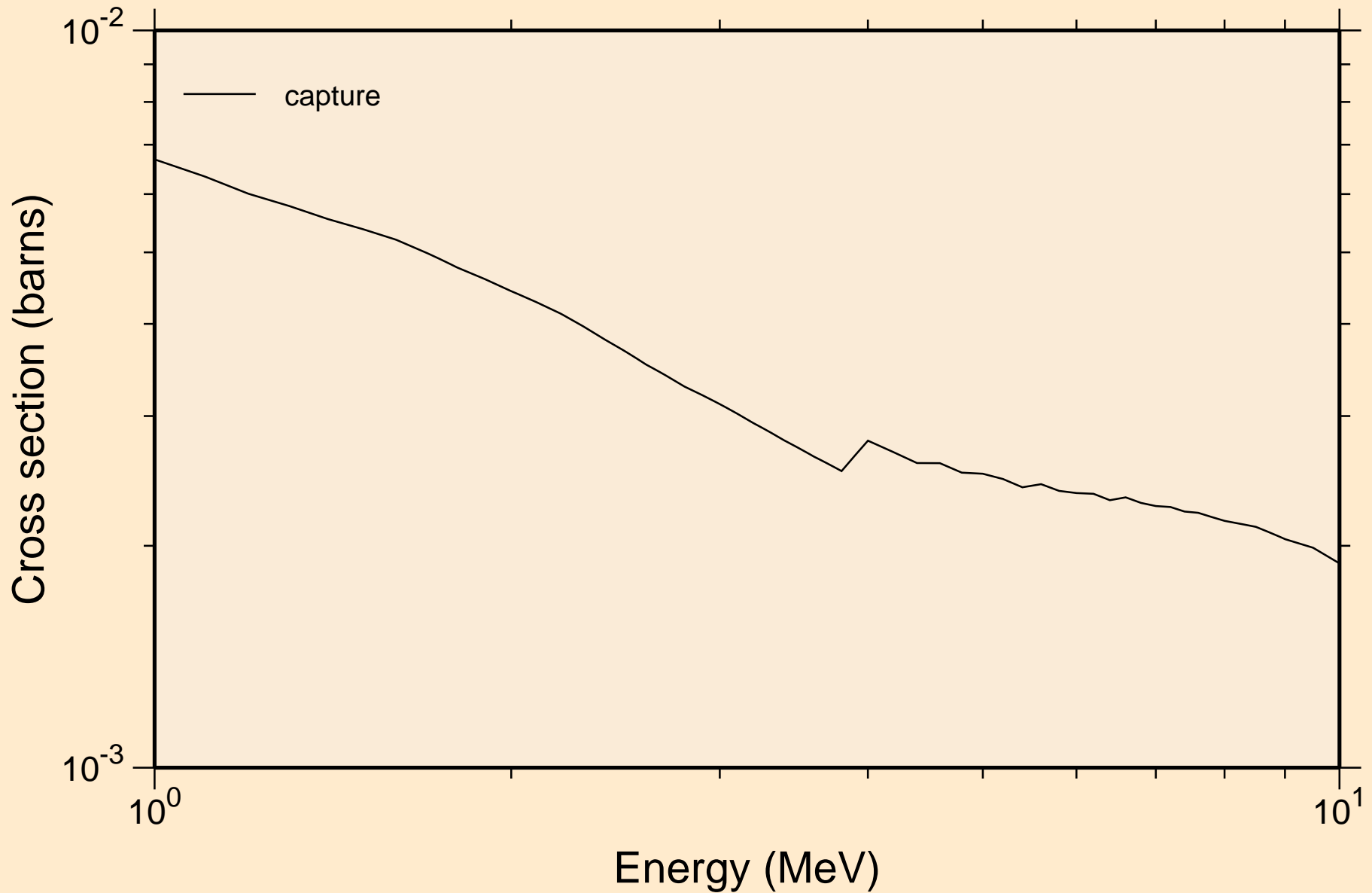
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



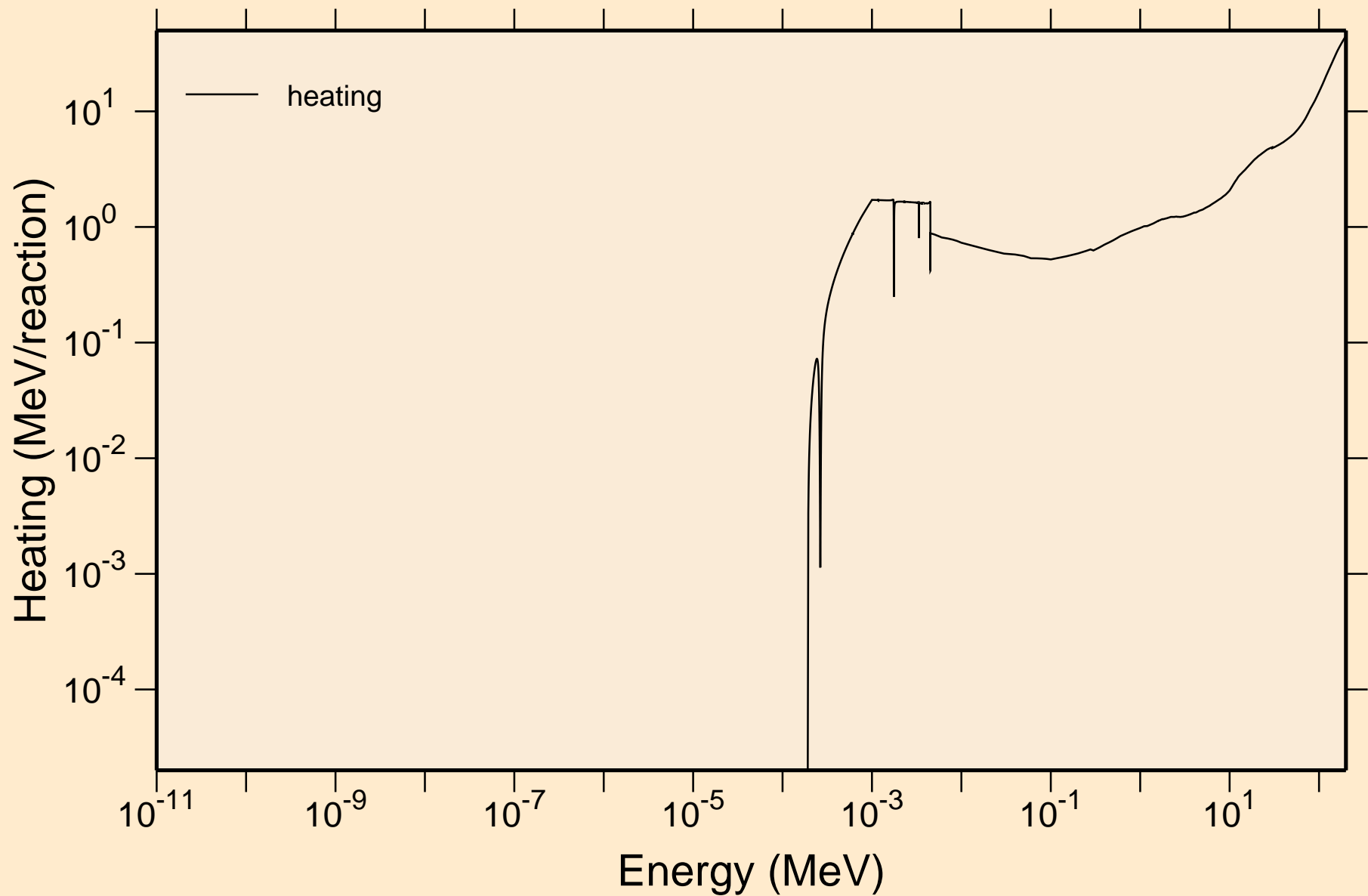
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



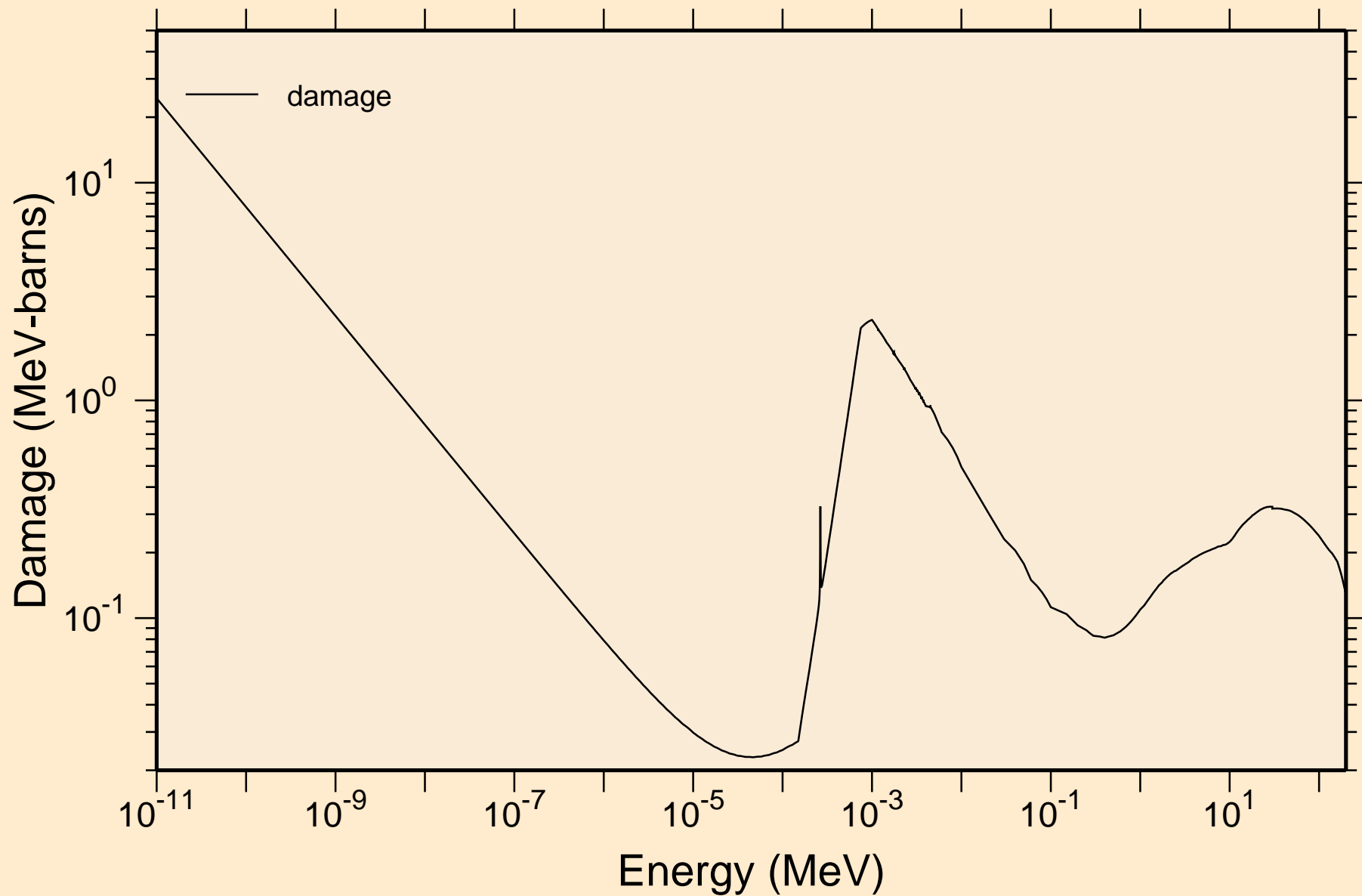
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



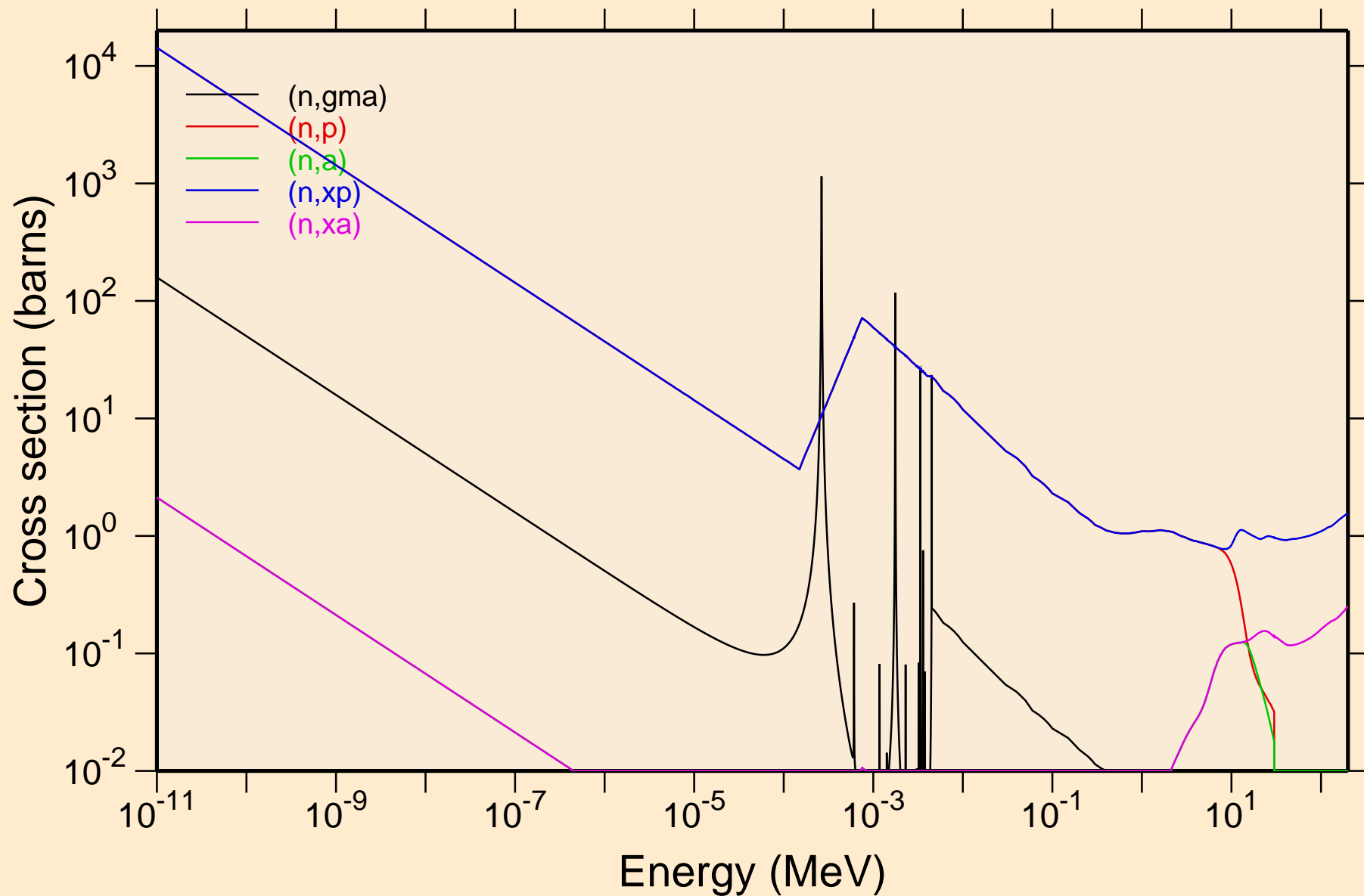
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage

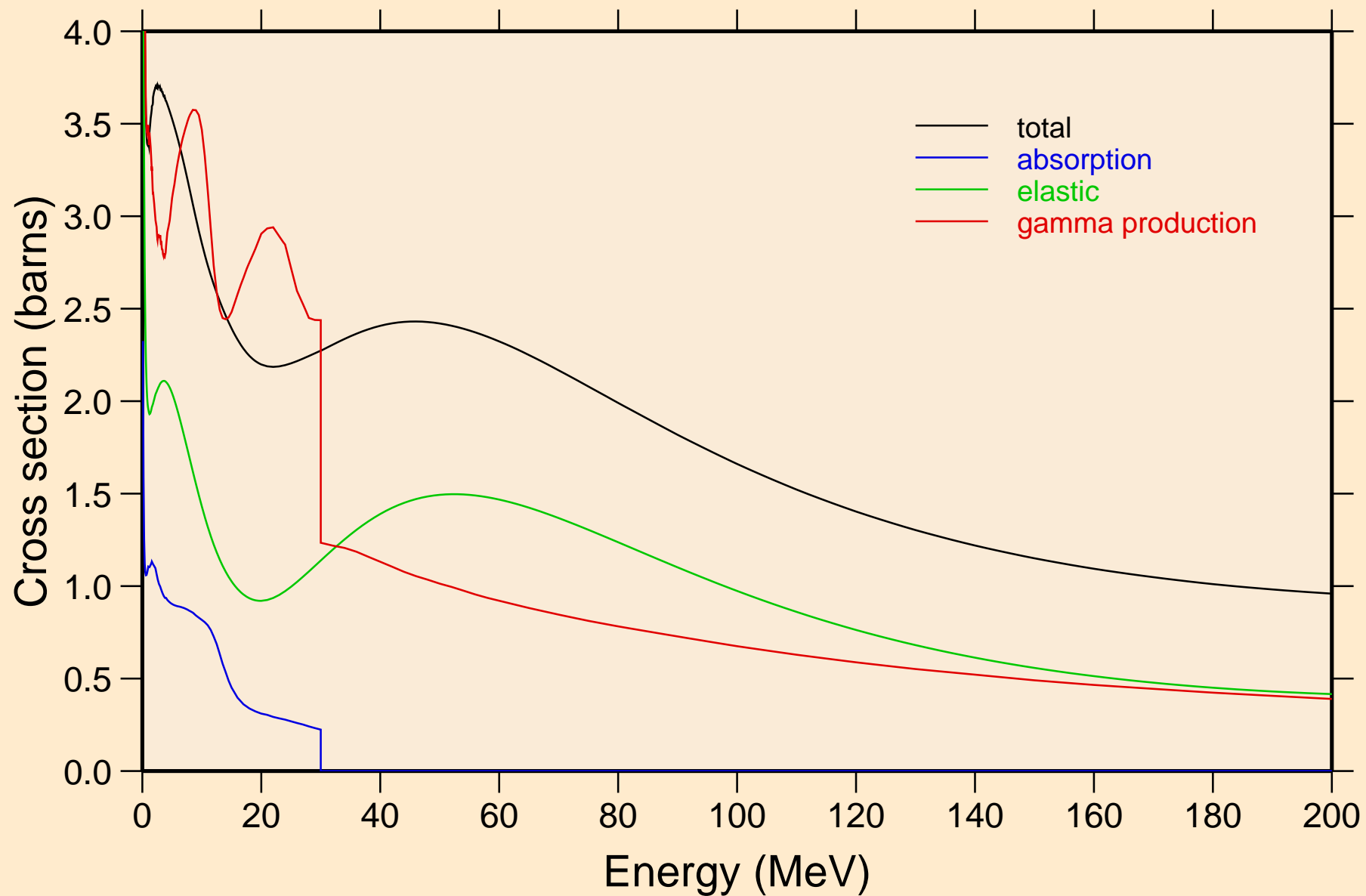


CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

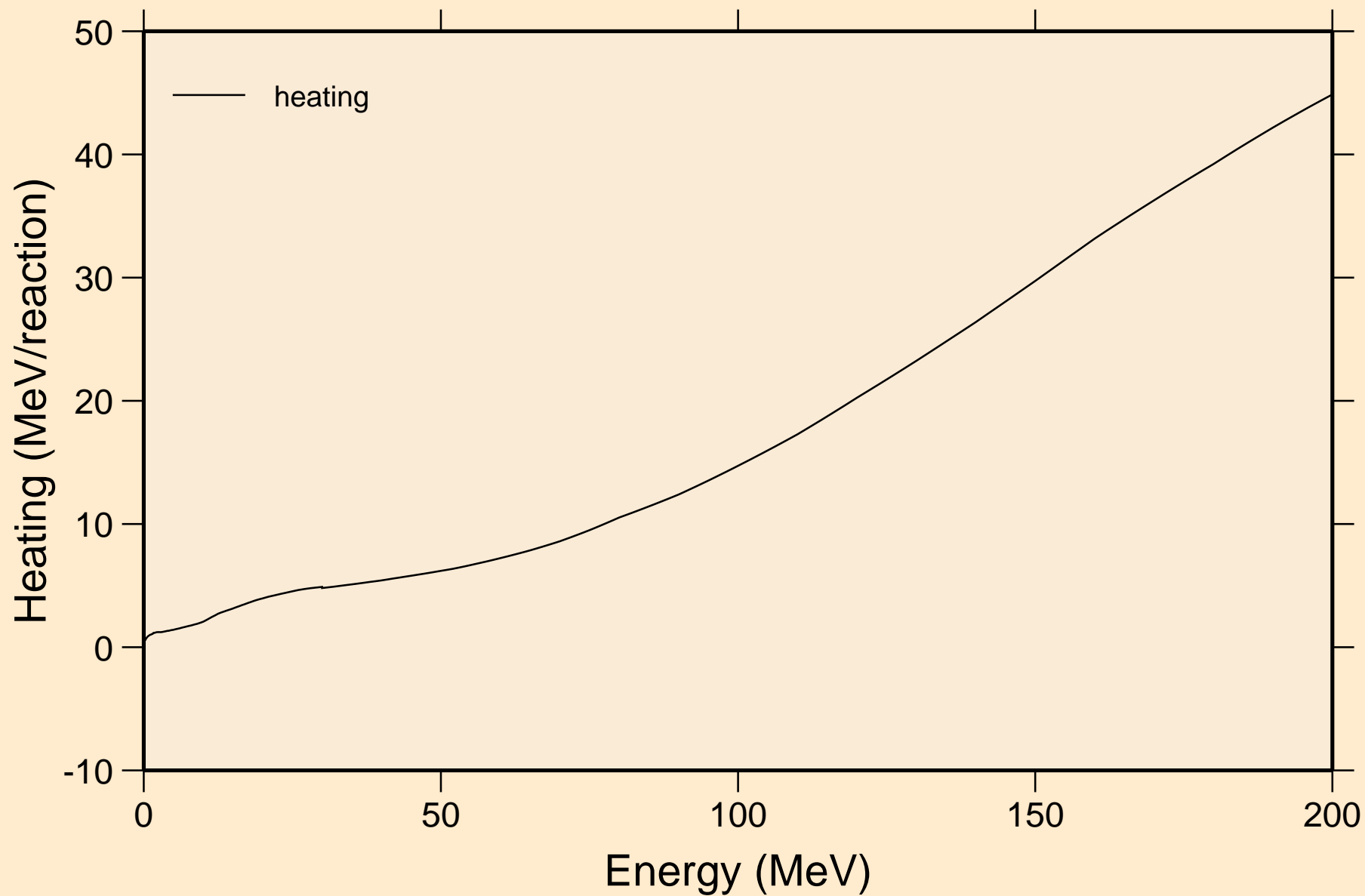


CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

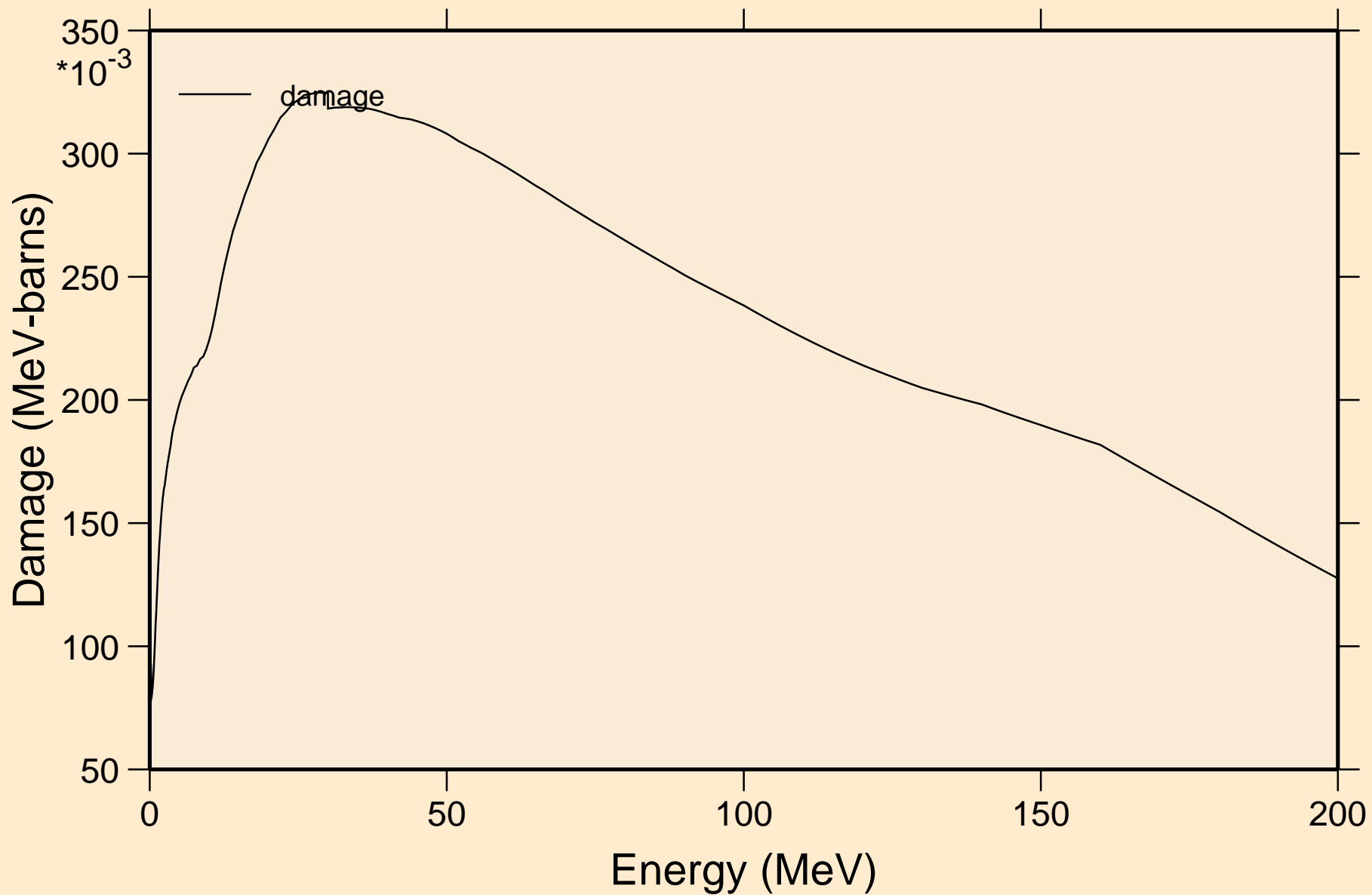
Principal cross sections



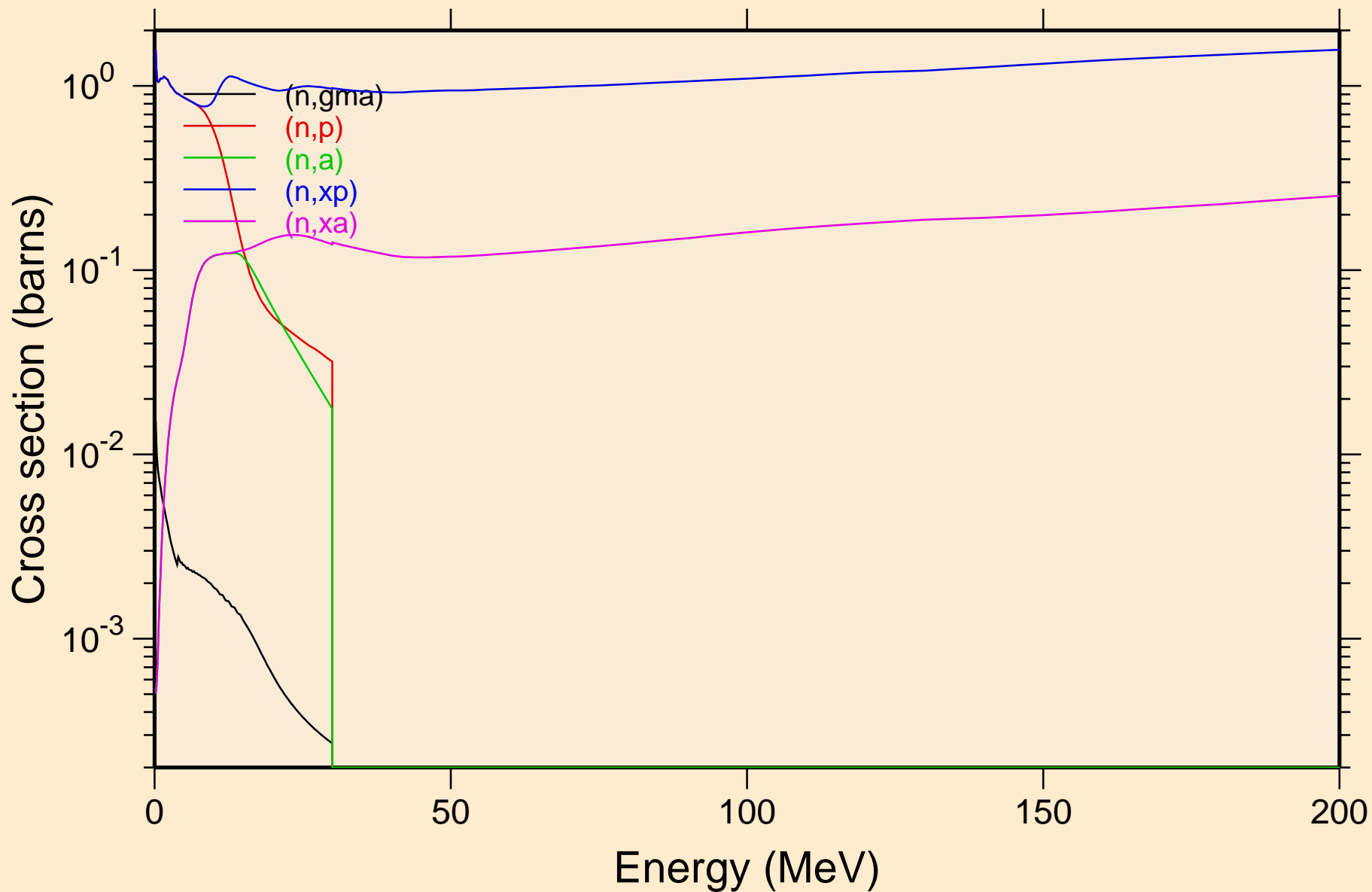
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



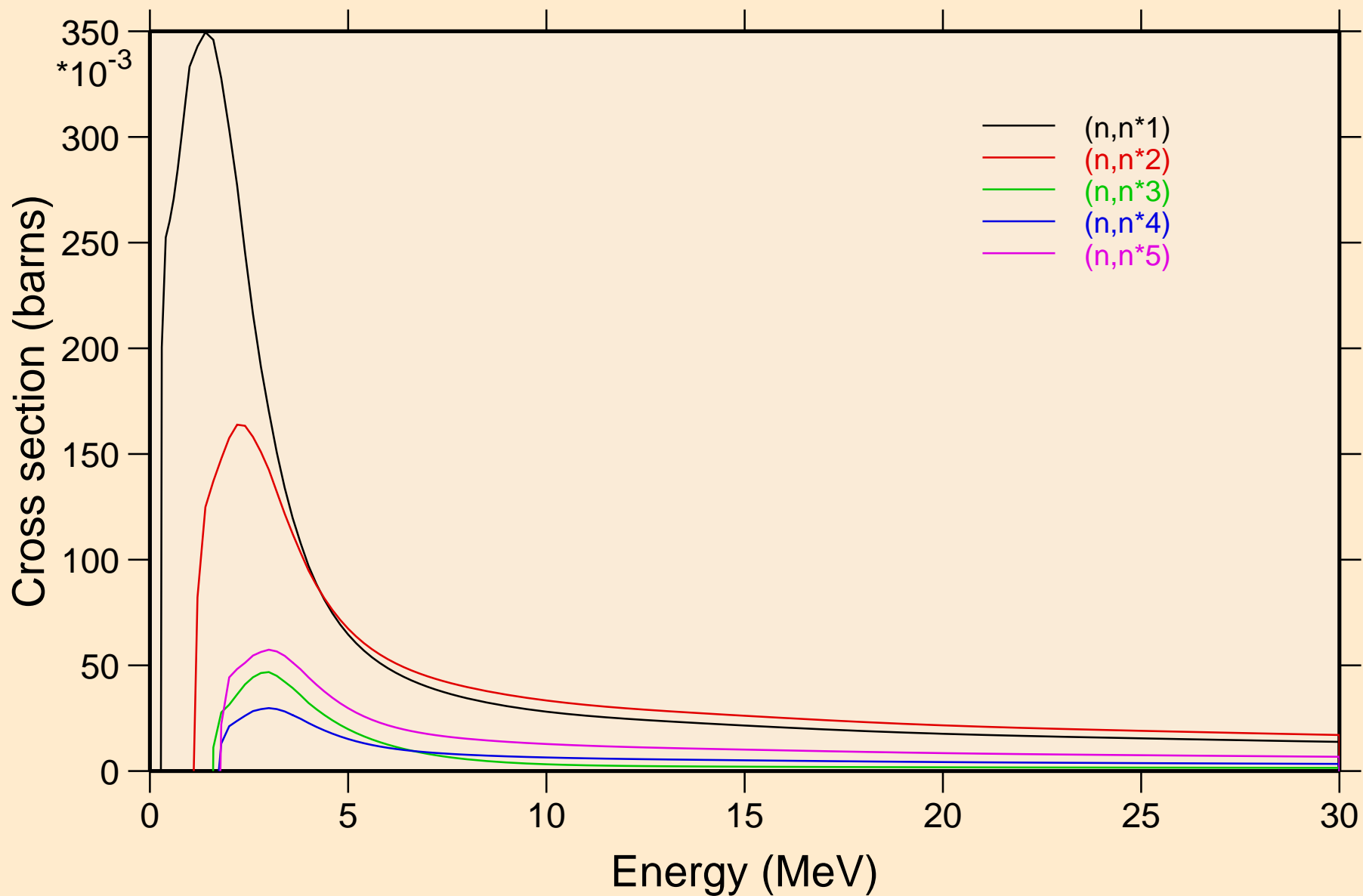
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



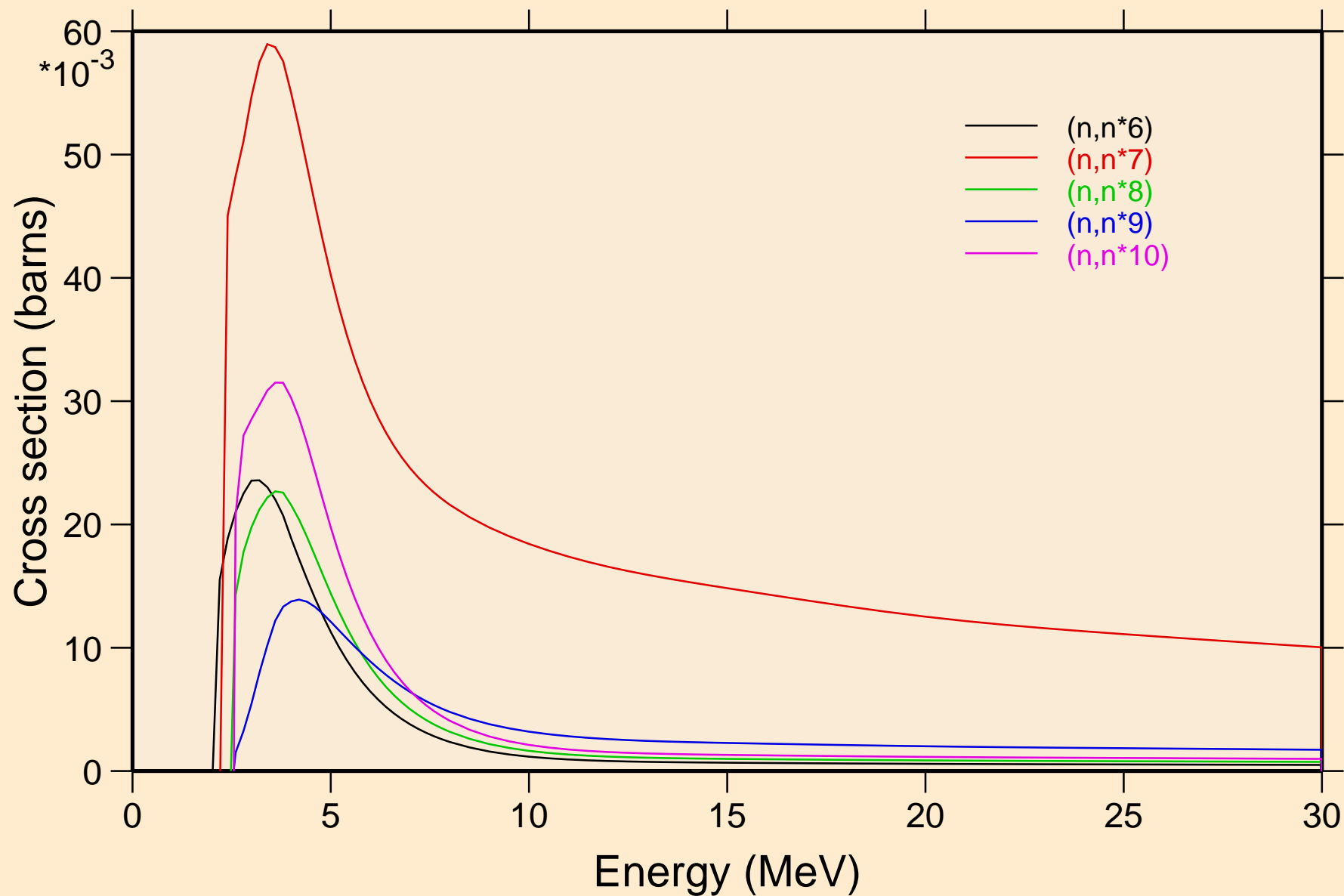
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



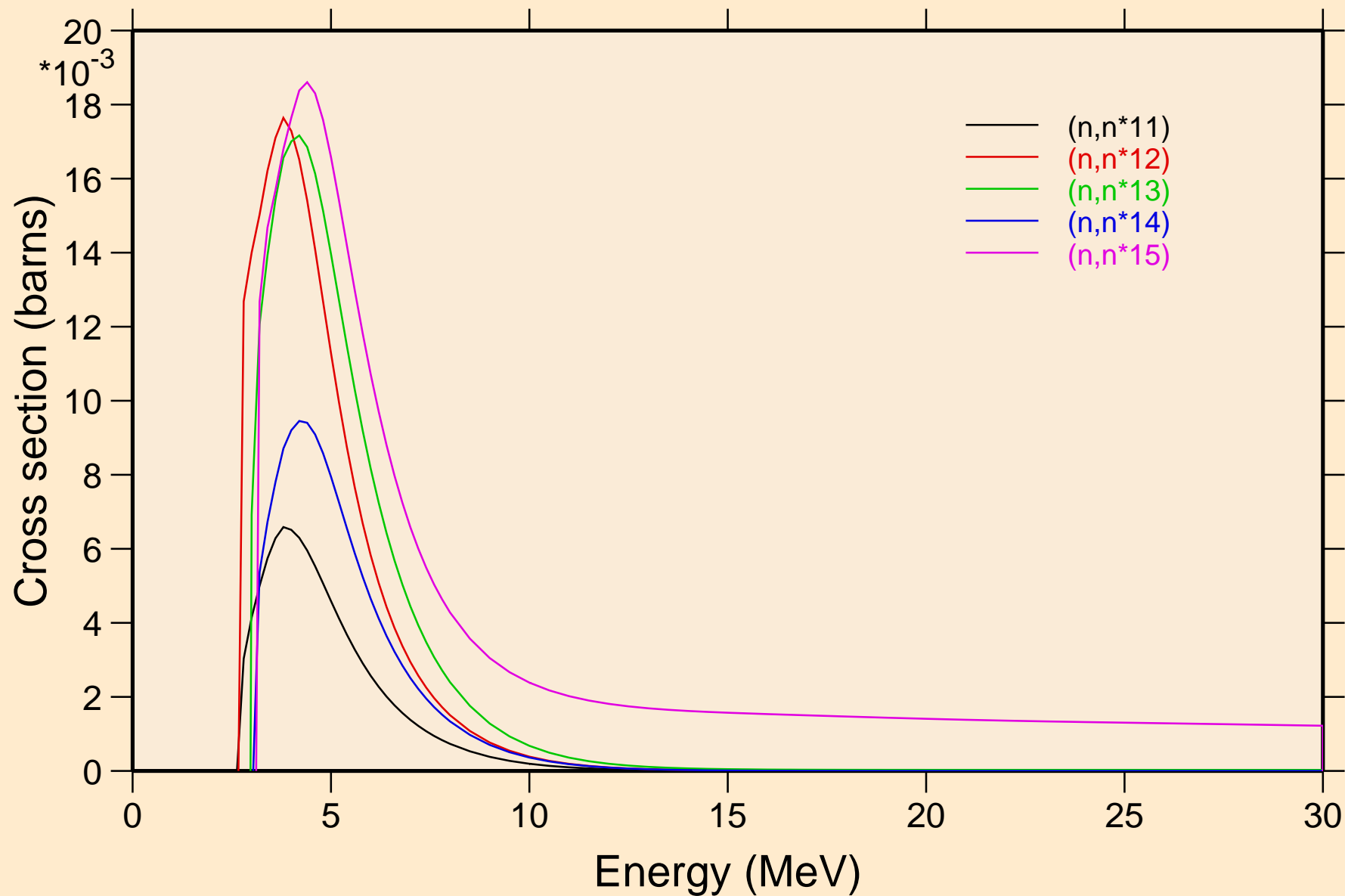
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



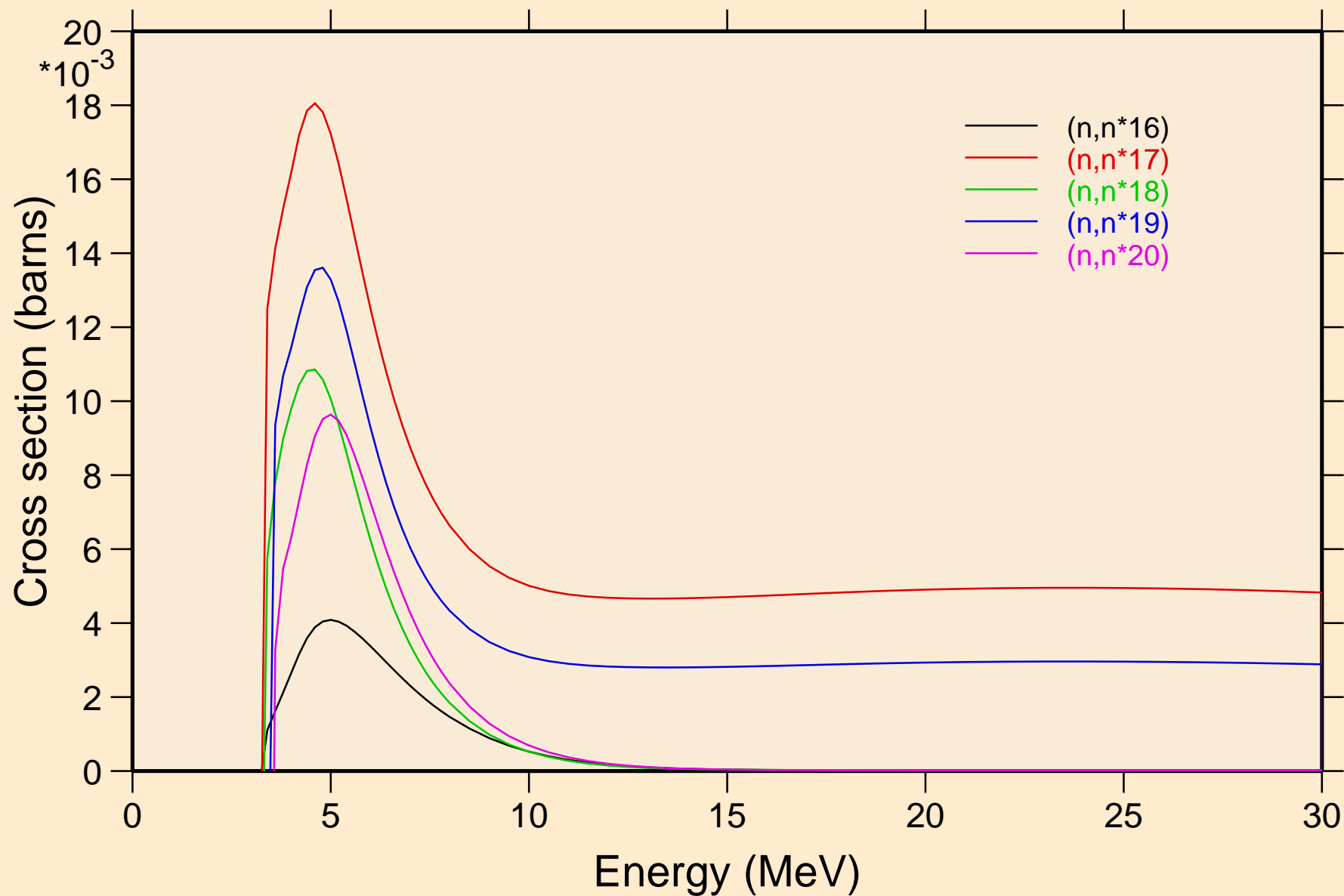
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



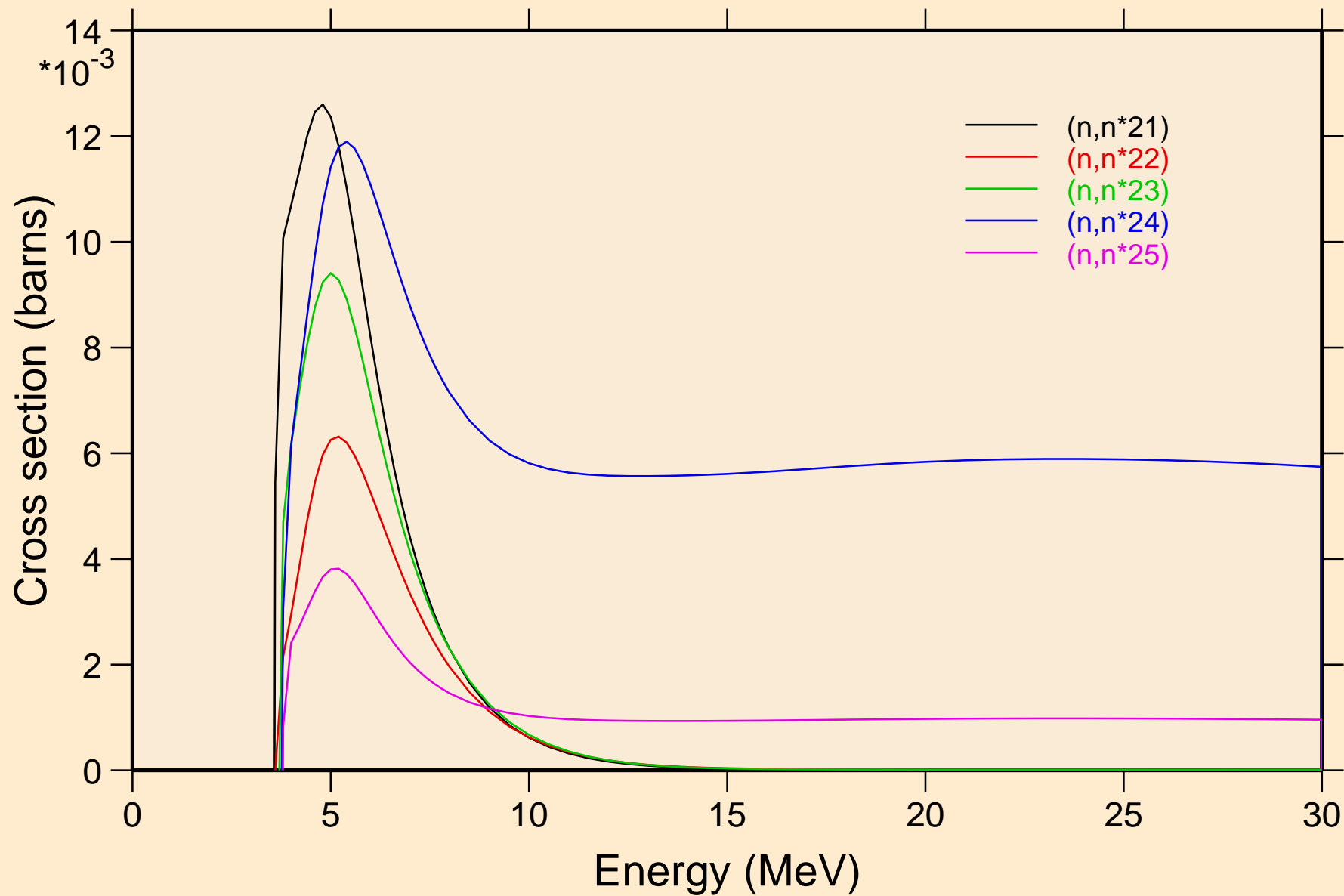
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



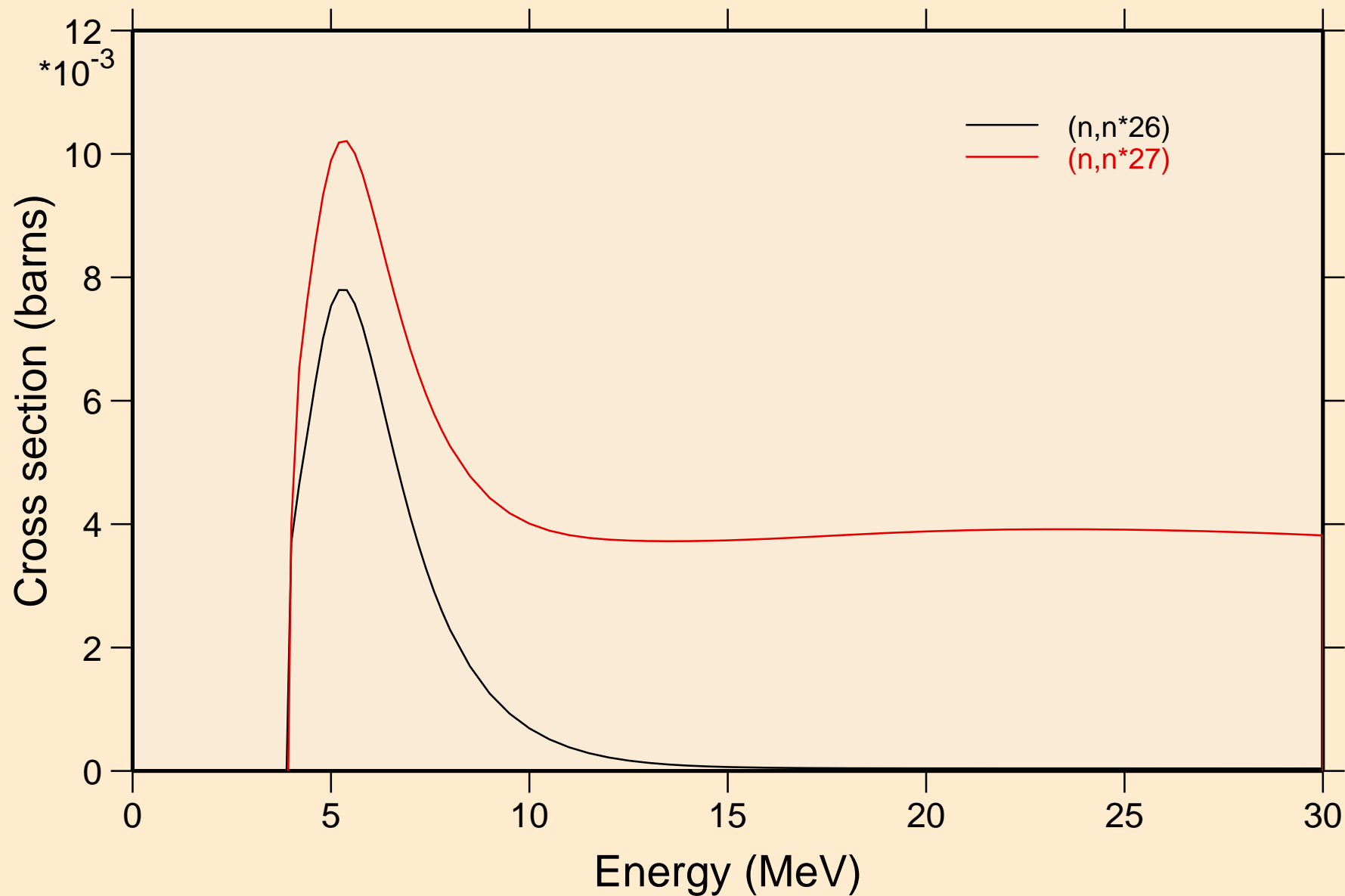
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



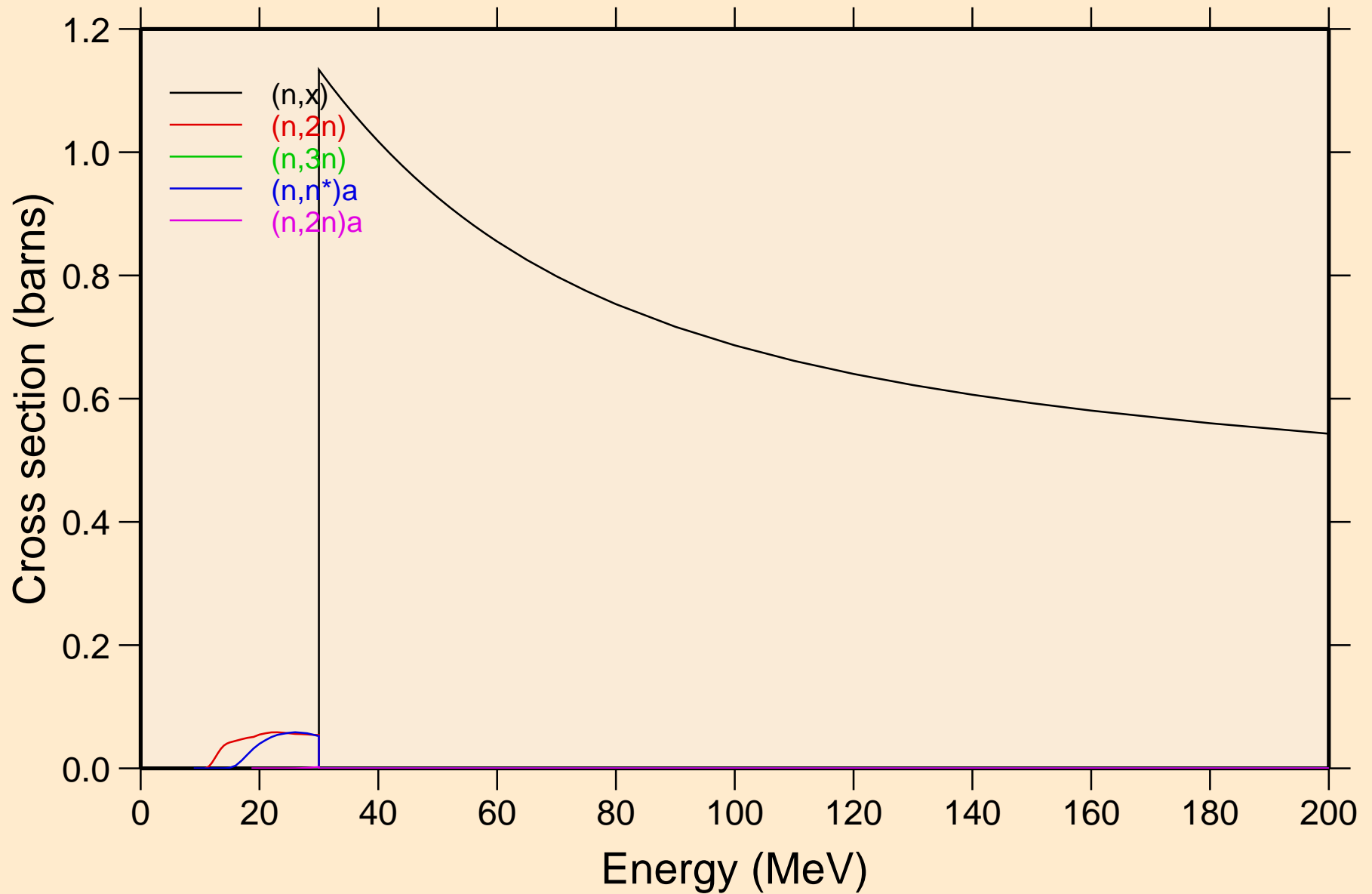
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



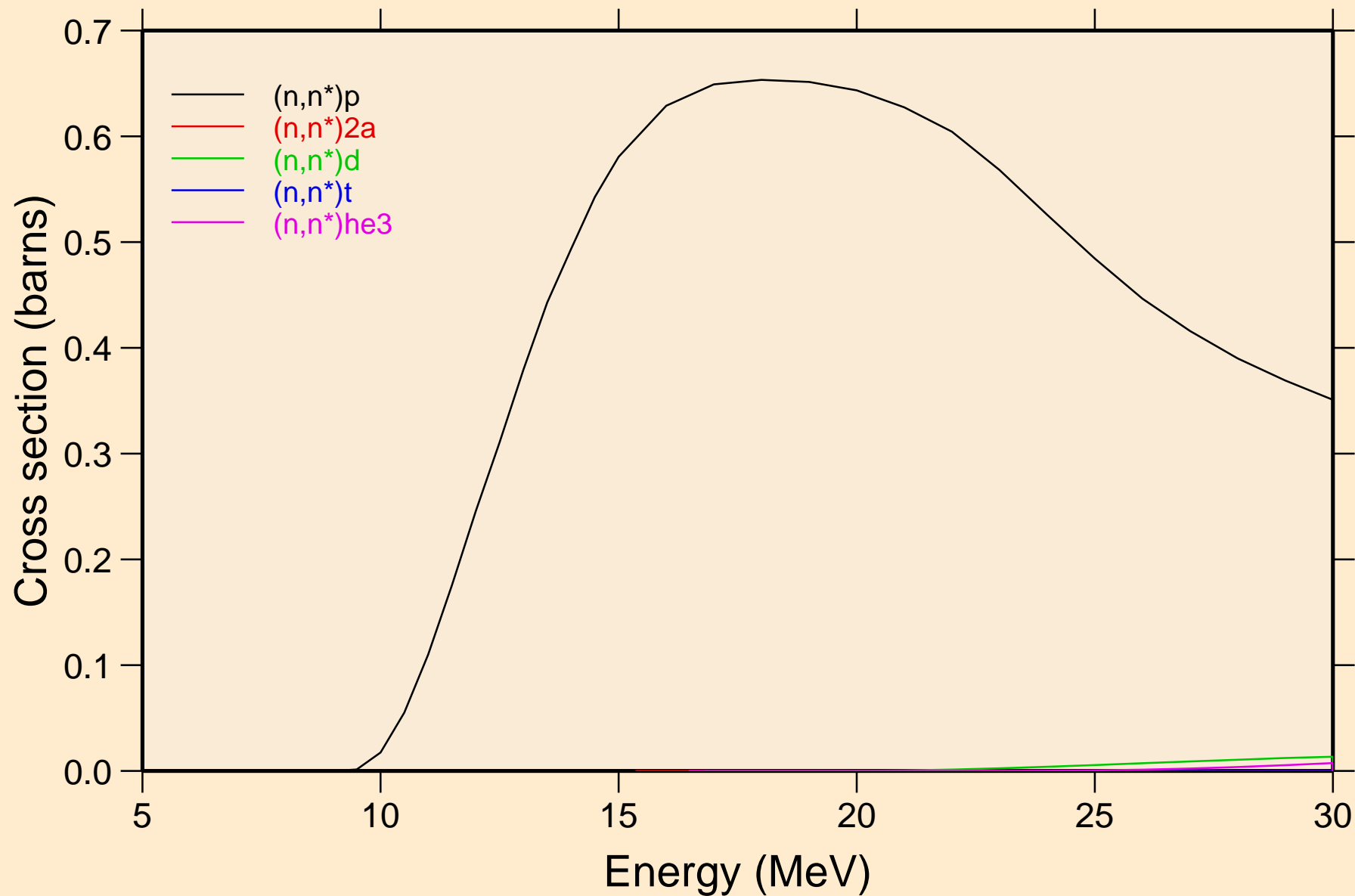
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



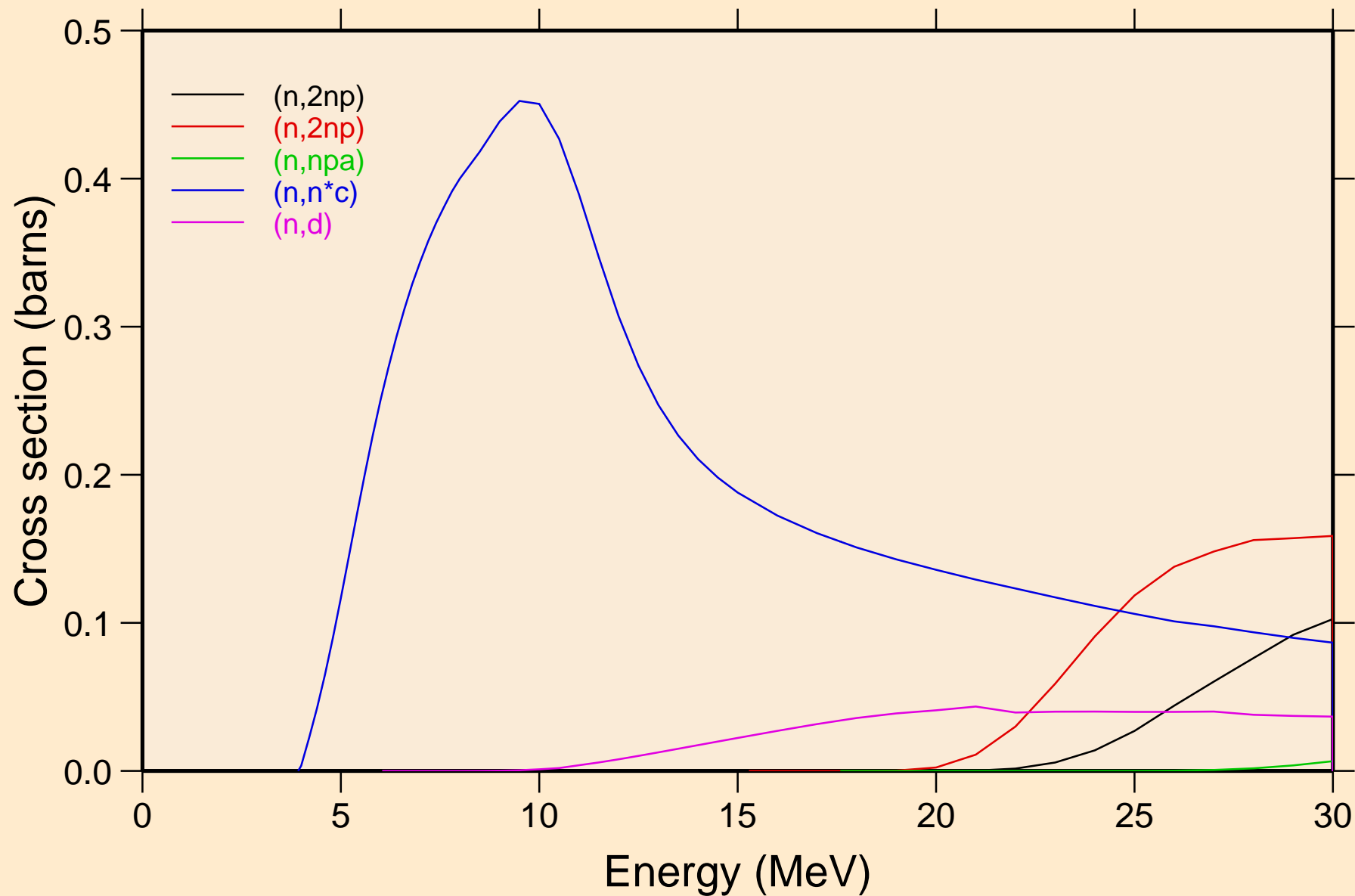
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



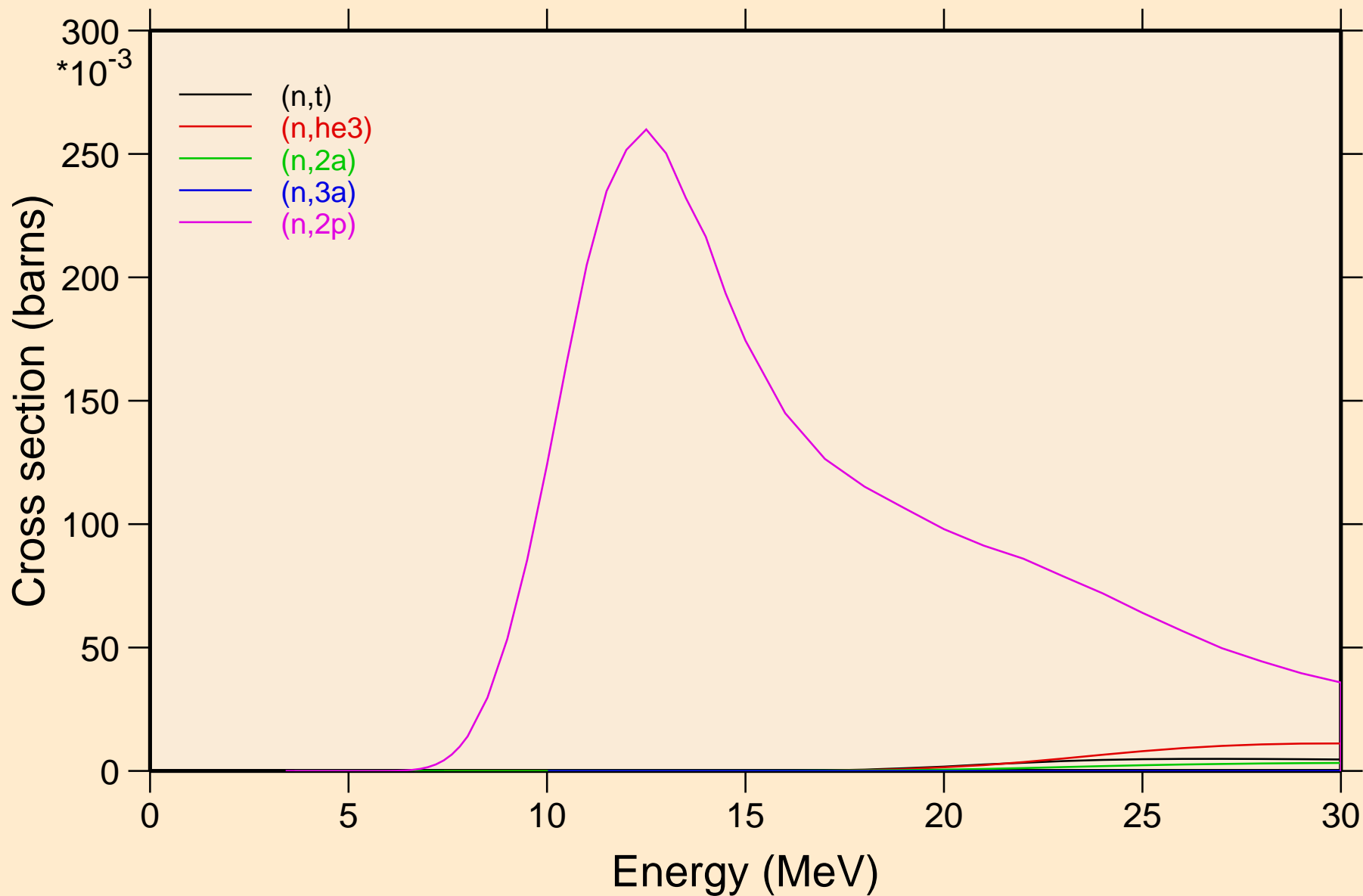
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



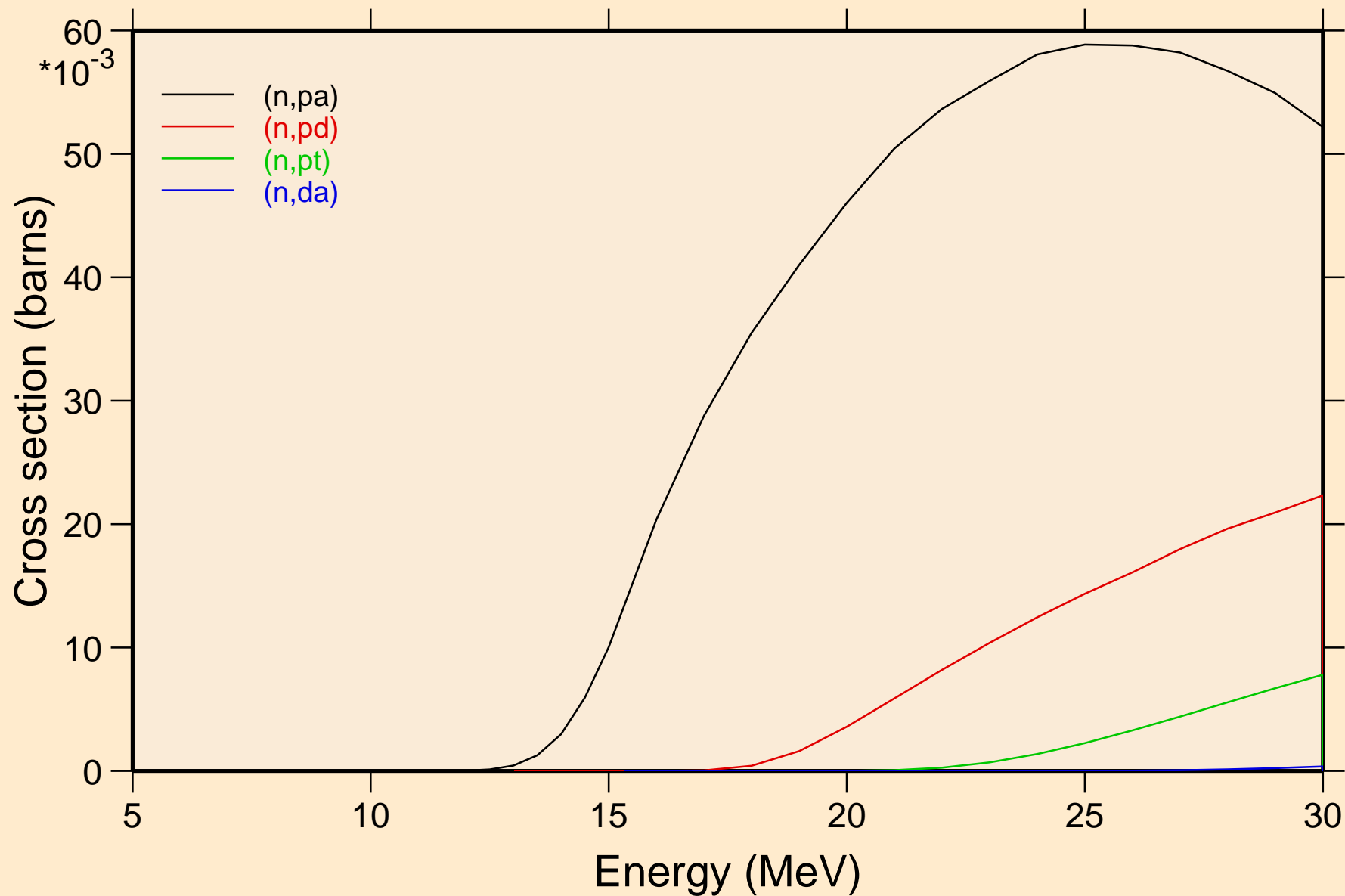
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



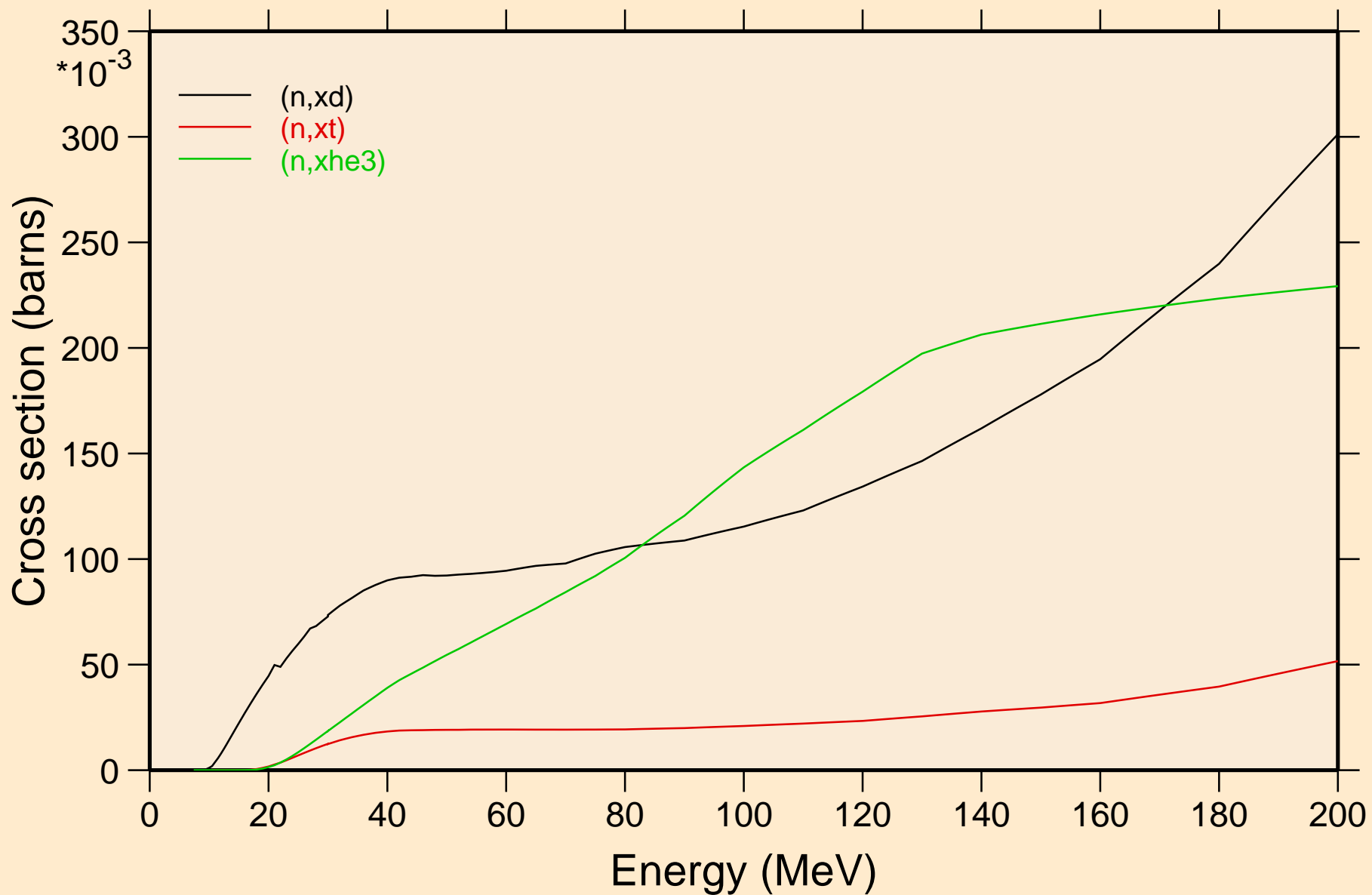
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



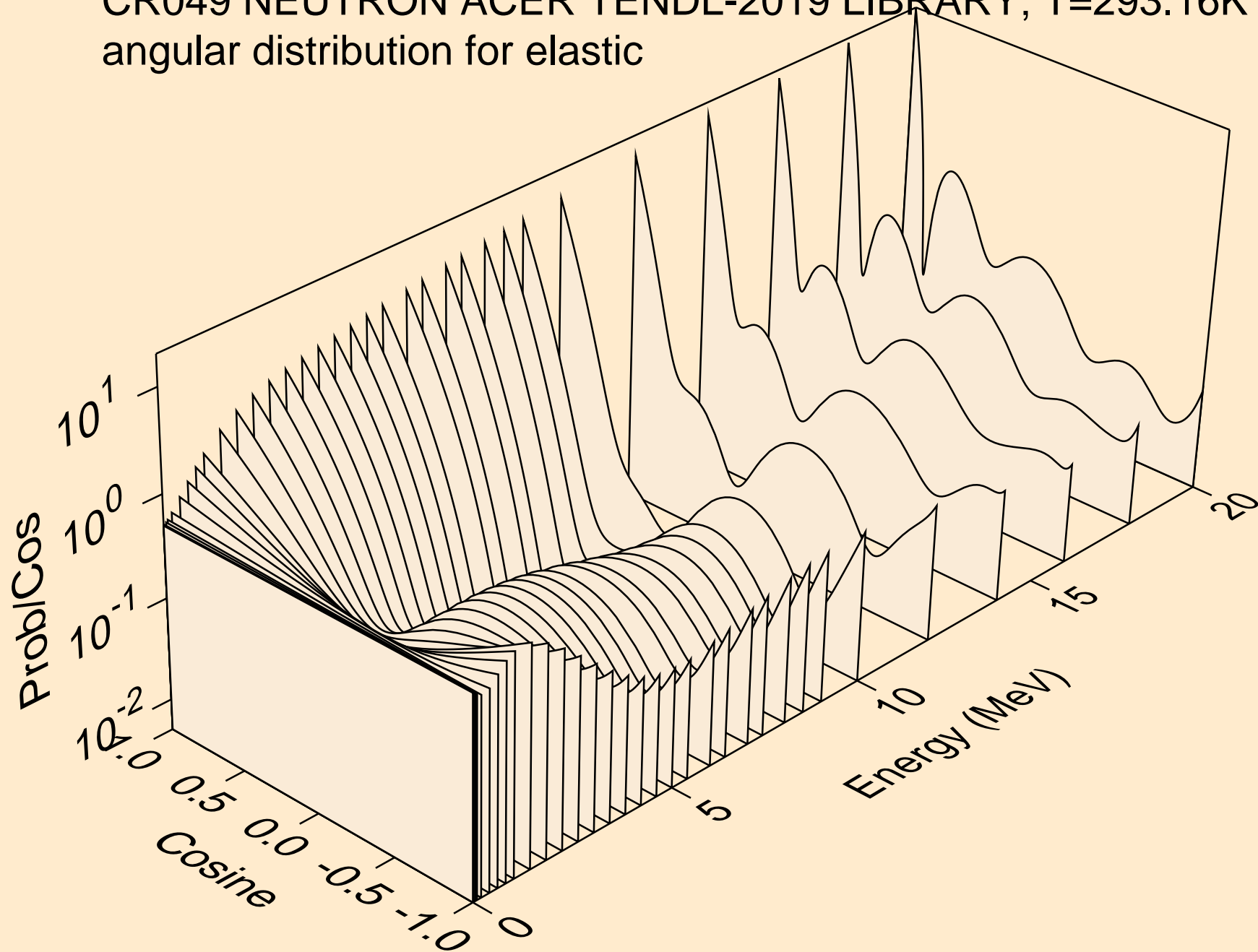
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



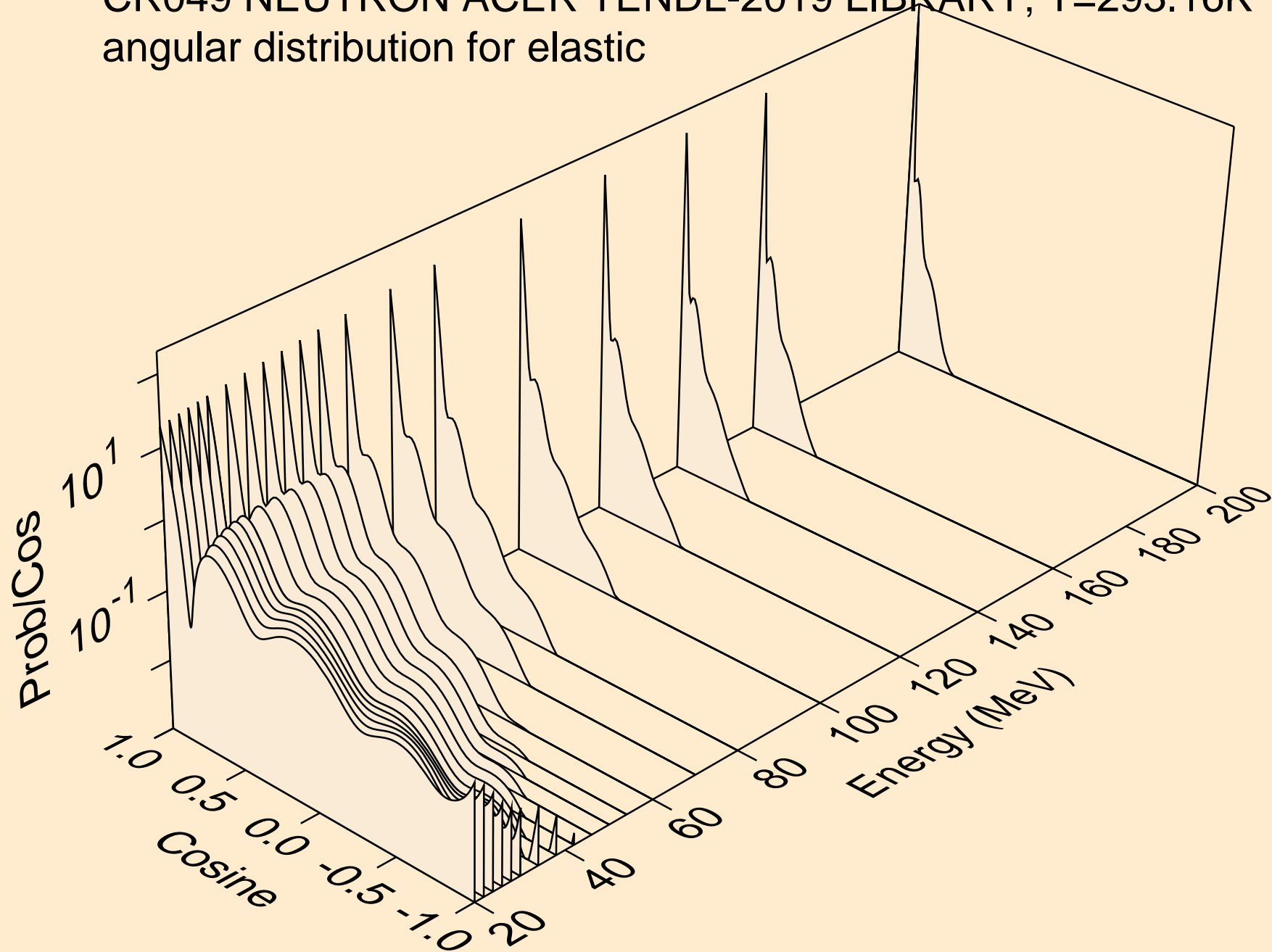
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



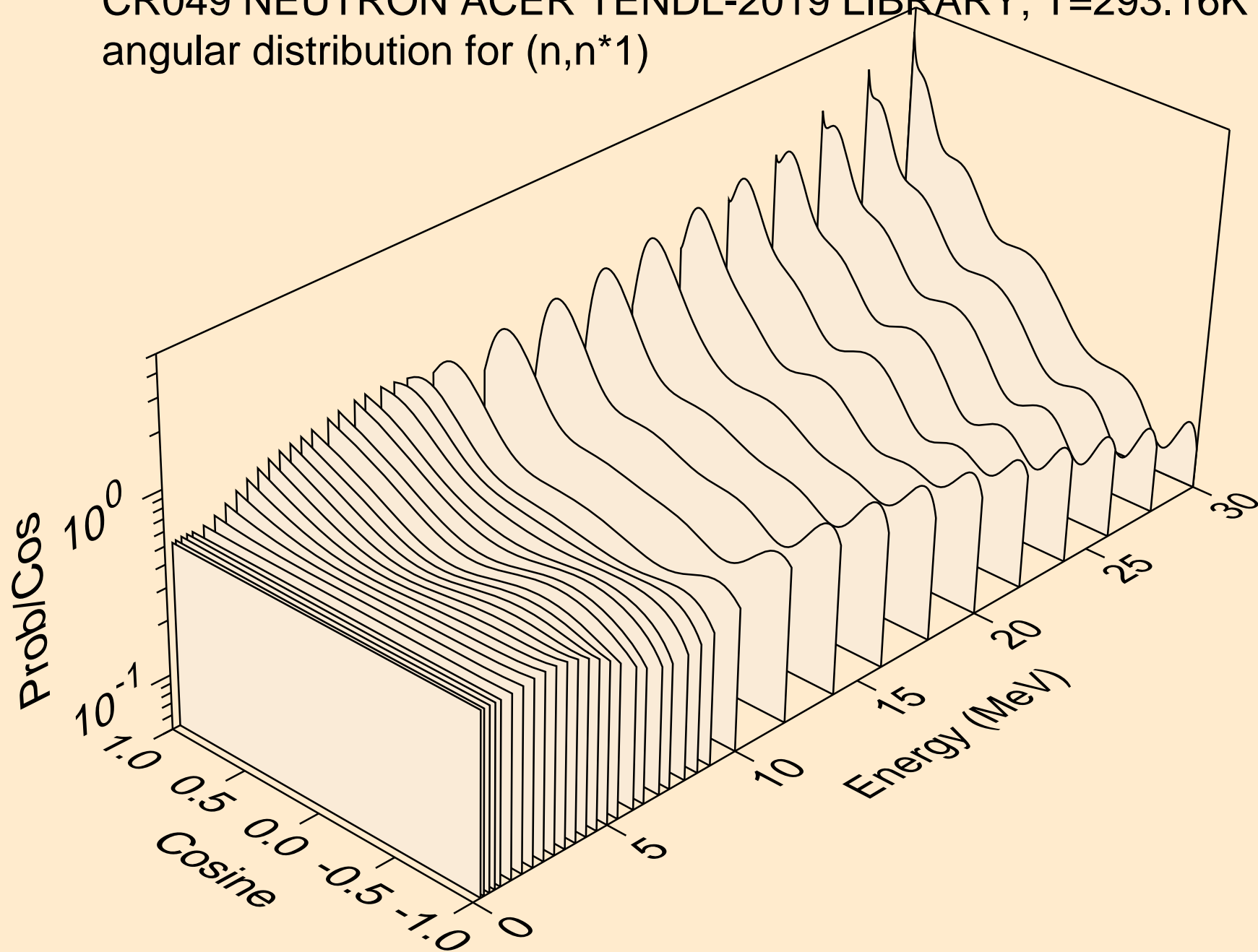
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



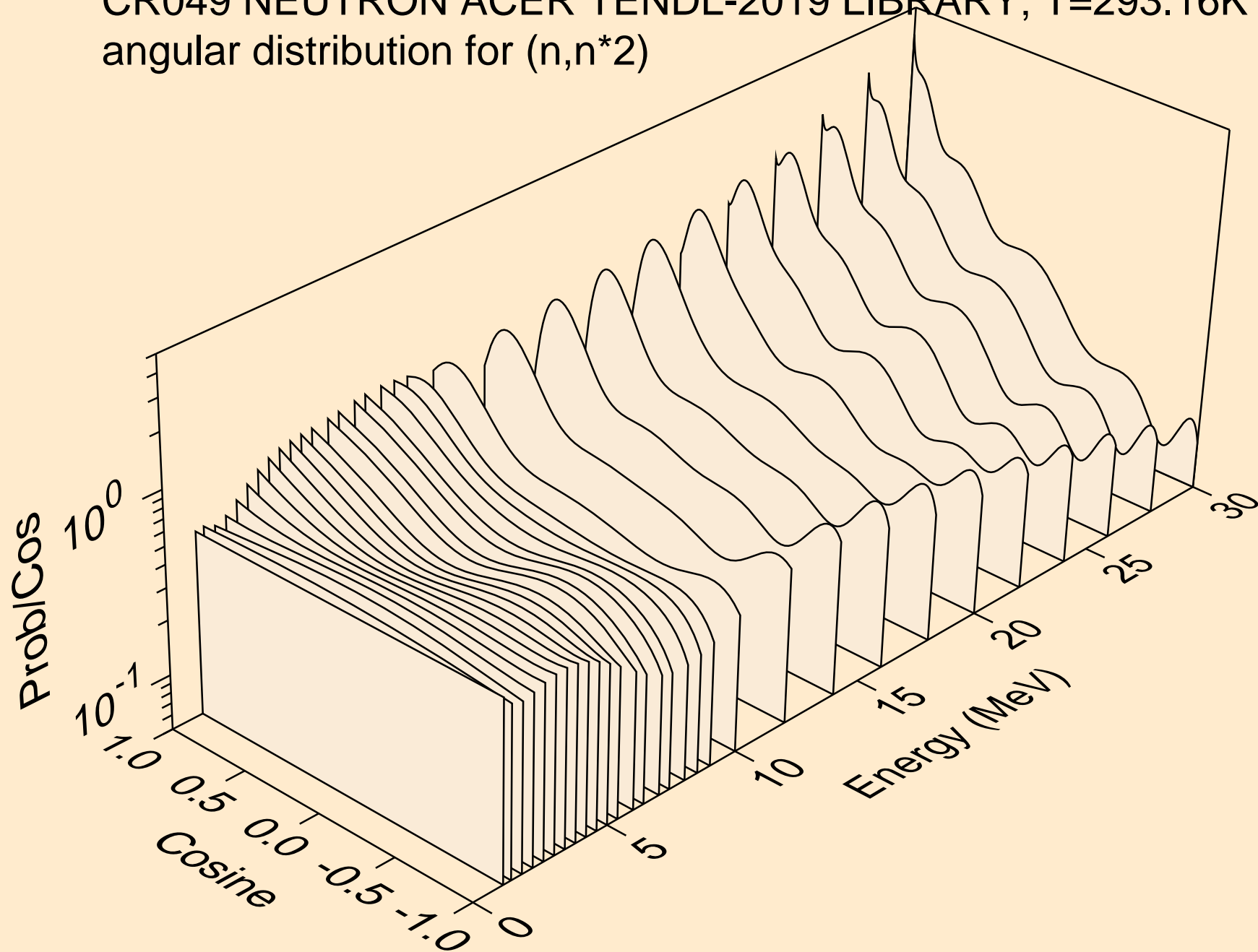
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



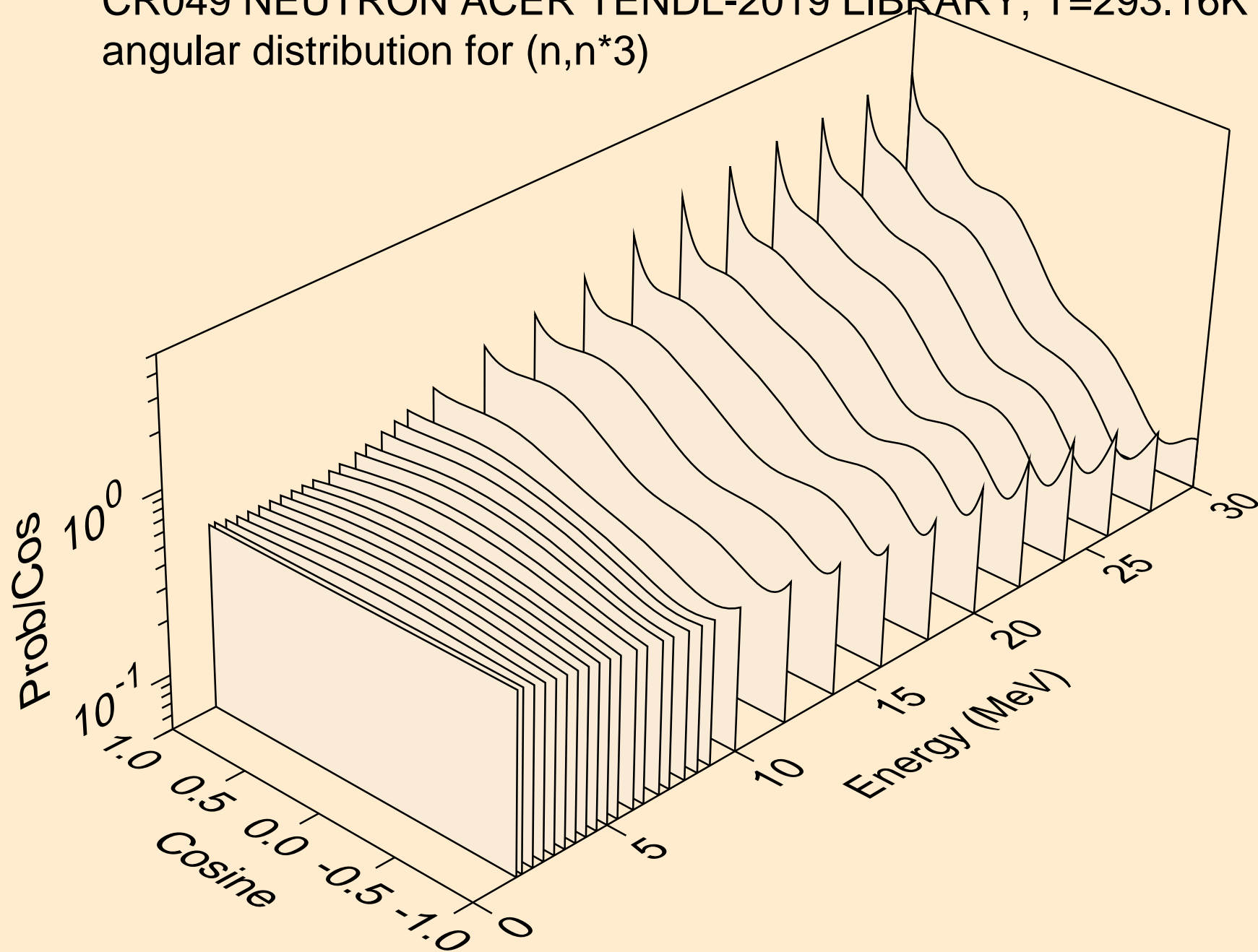
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



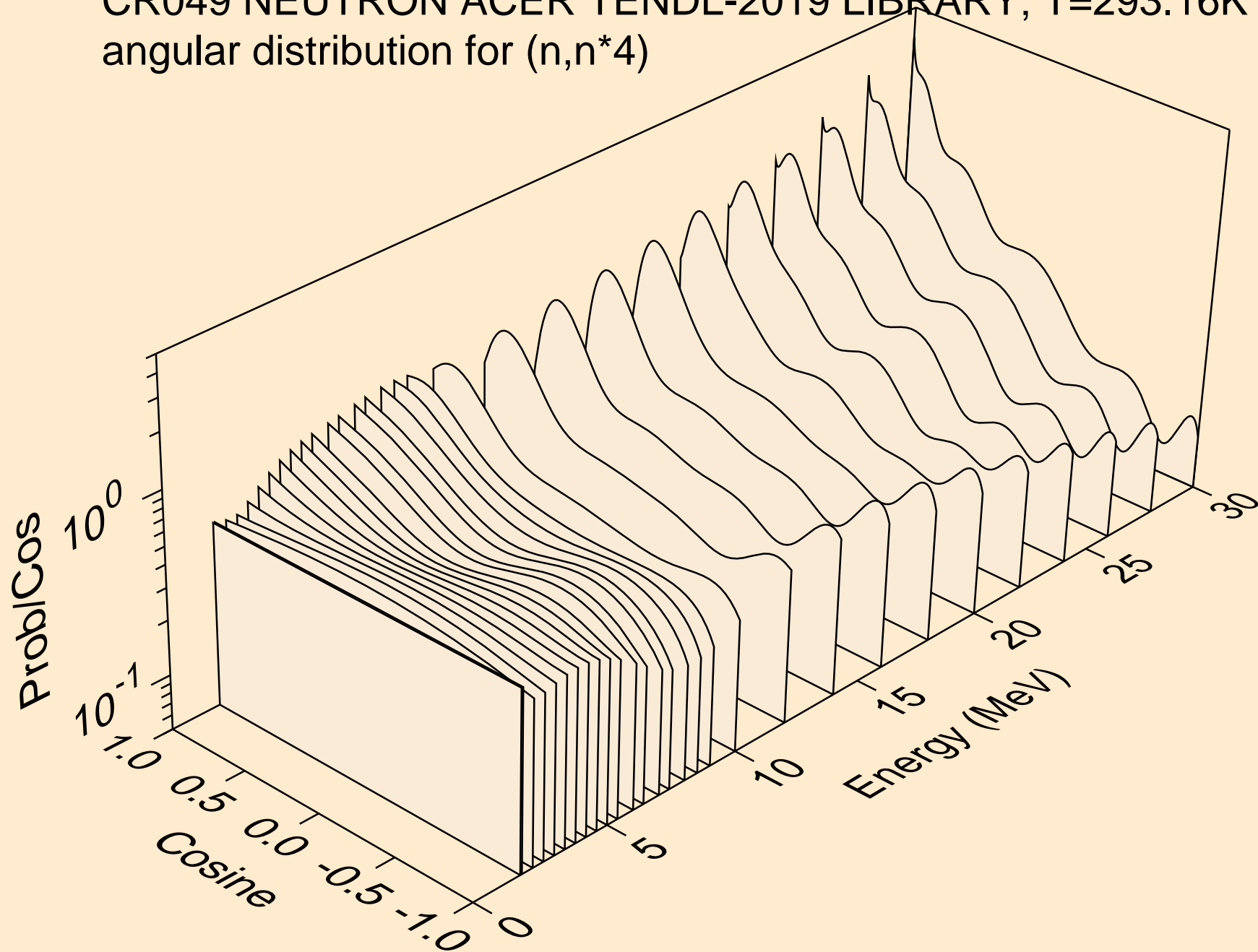
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



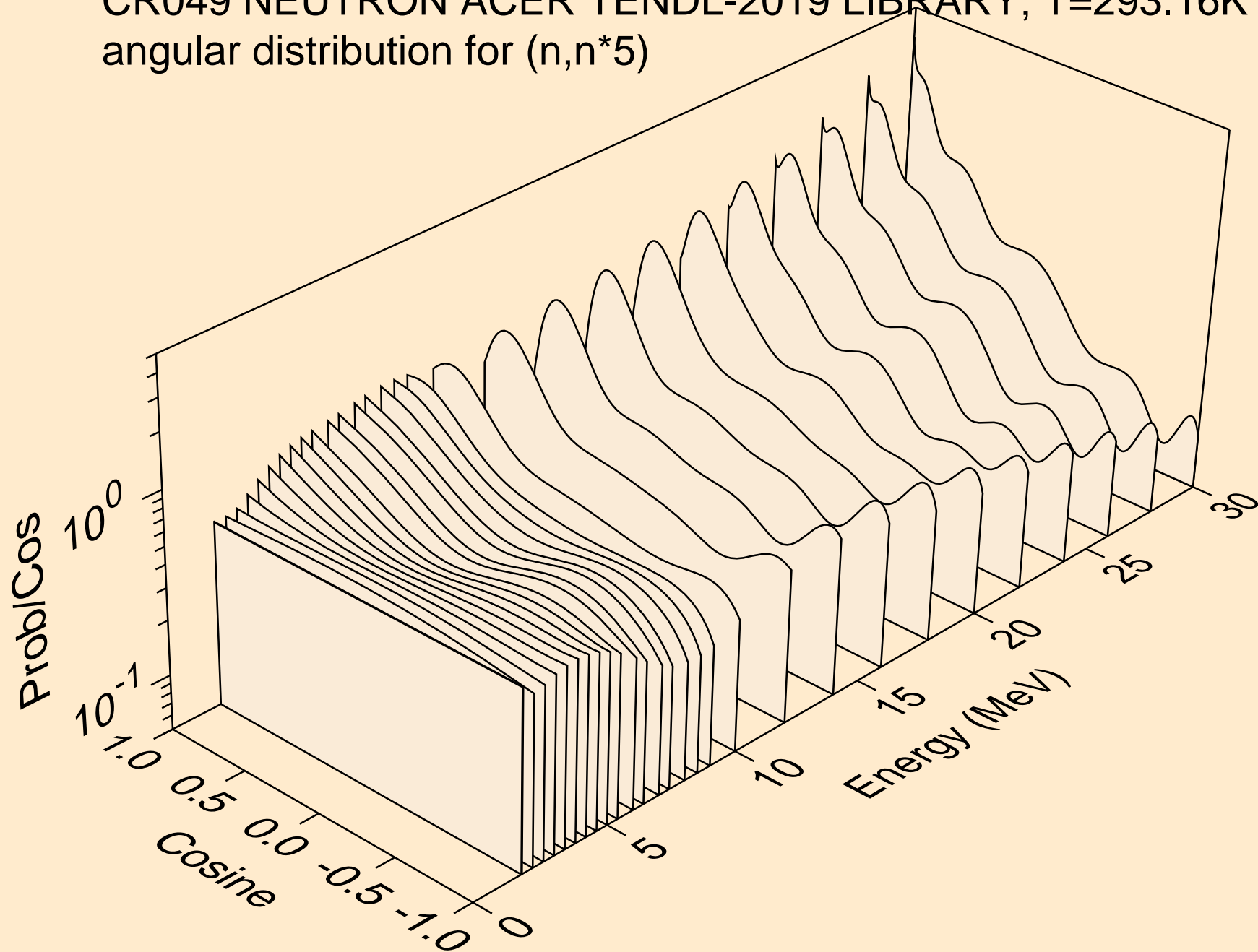
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



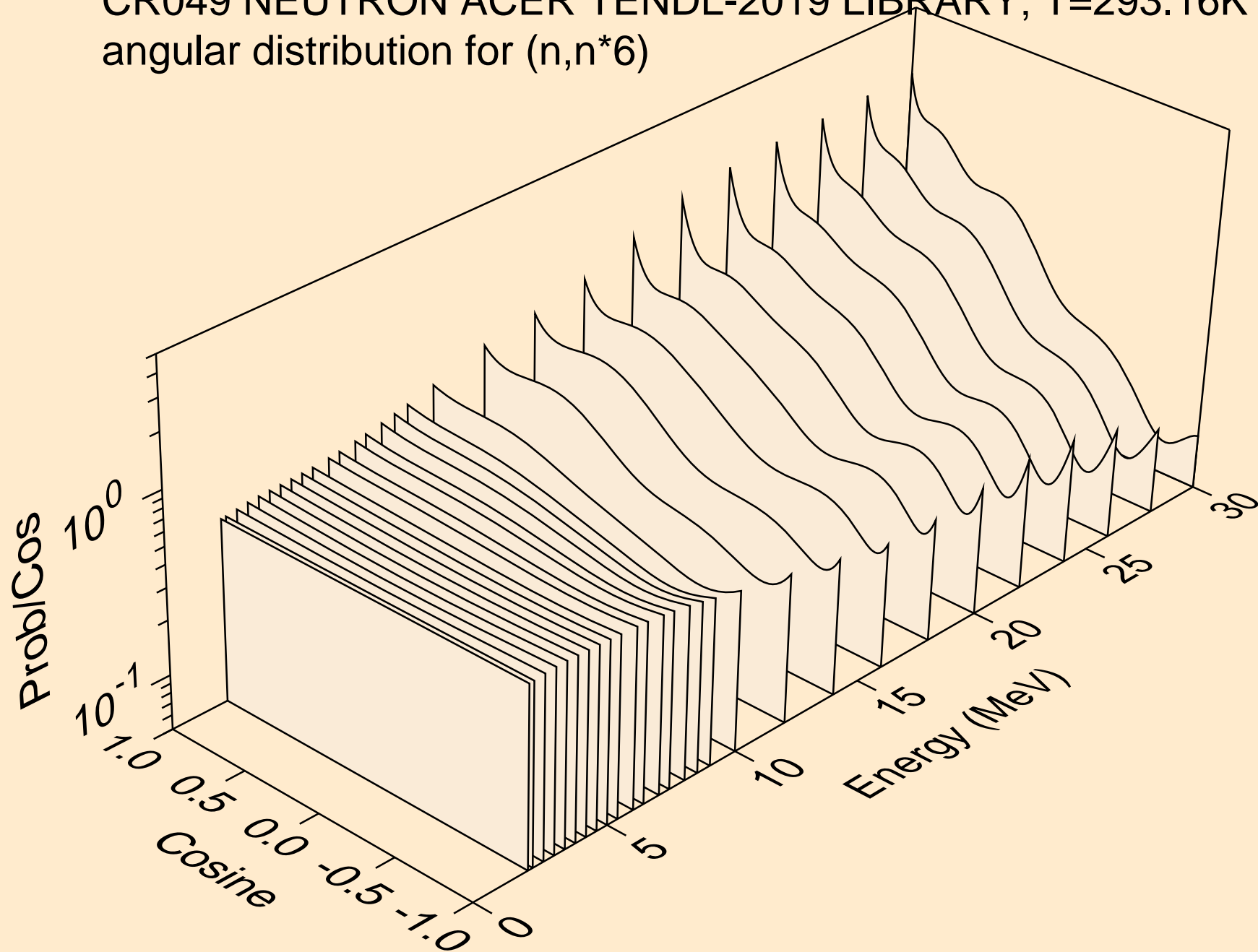
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



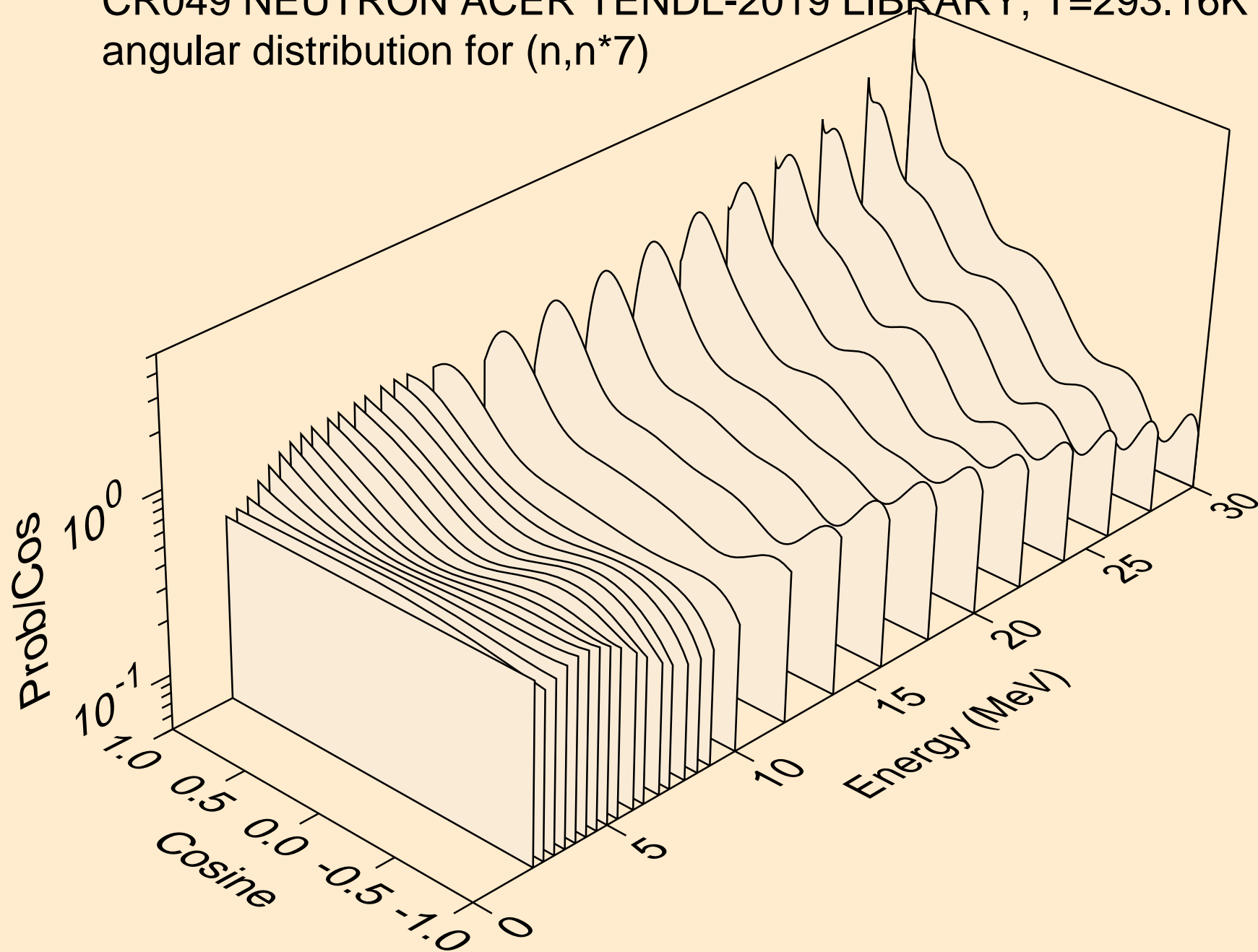
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



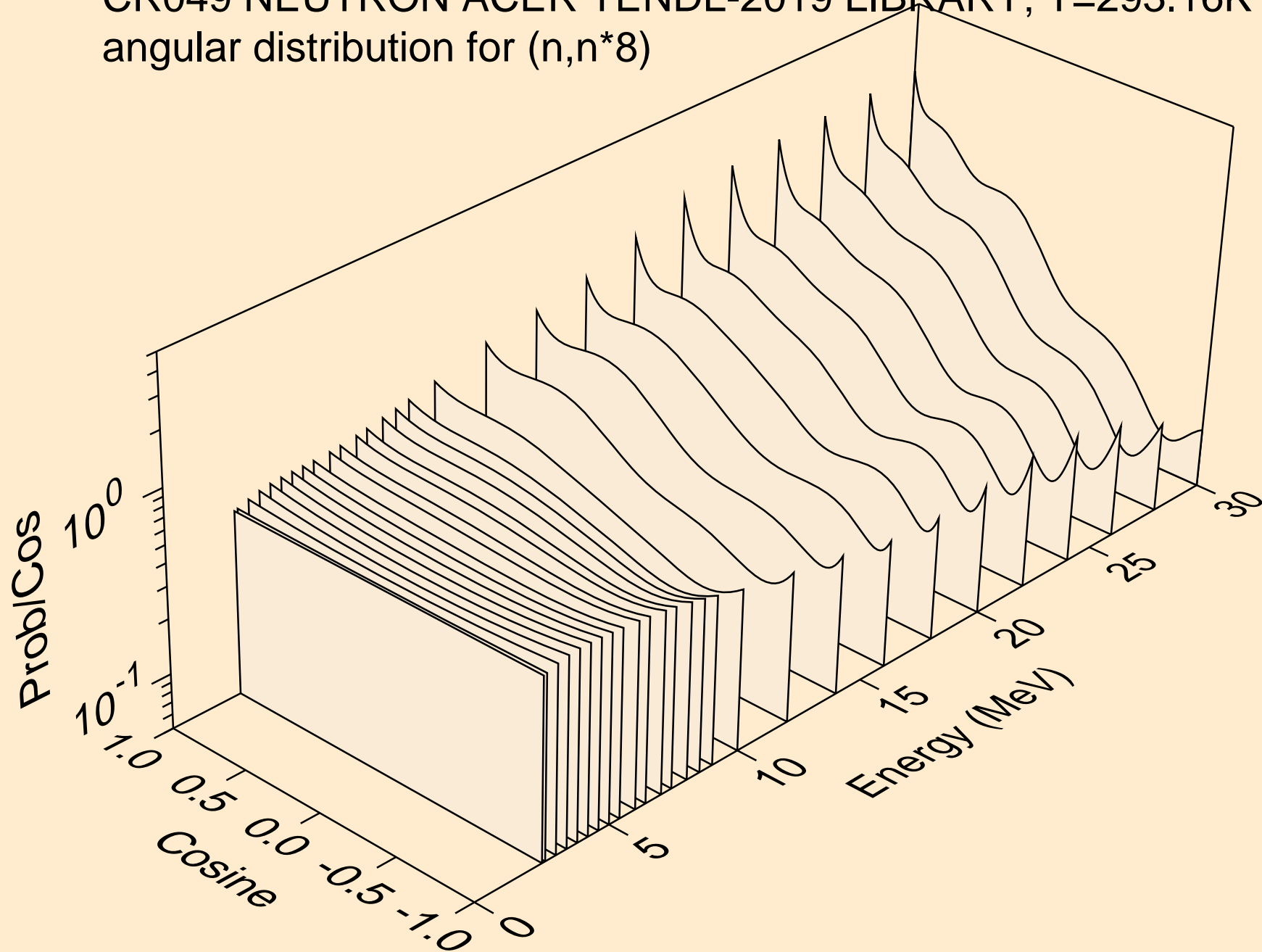
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



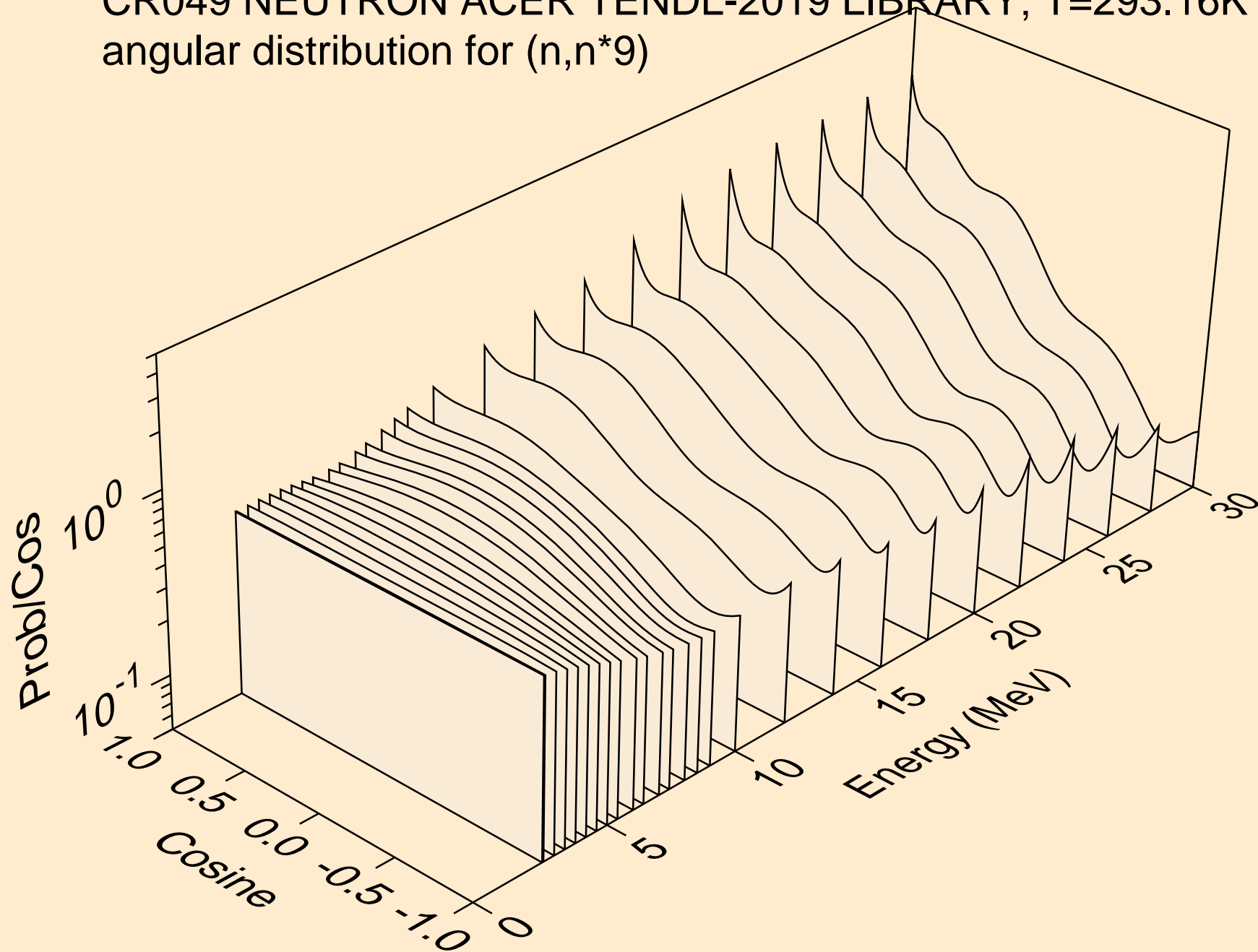
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



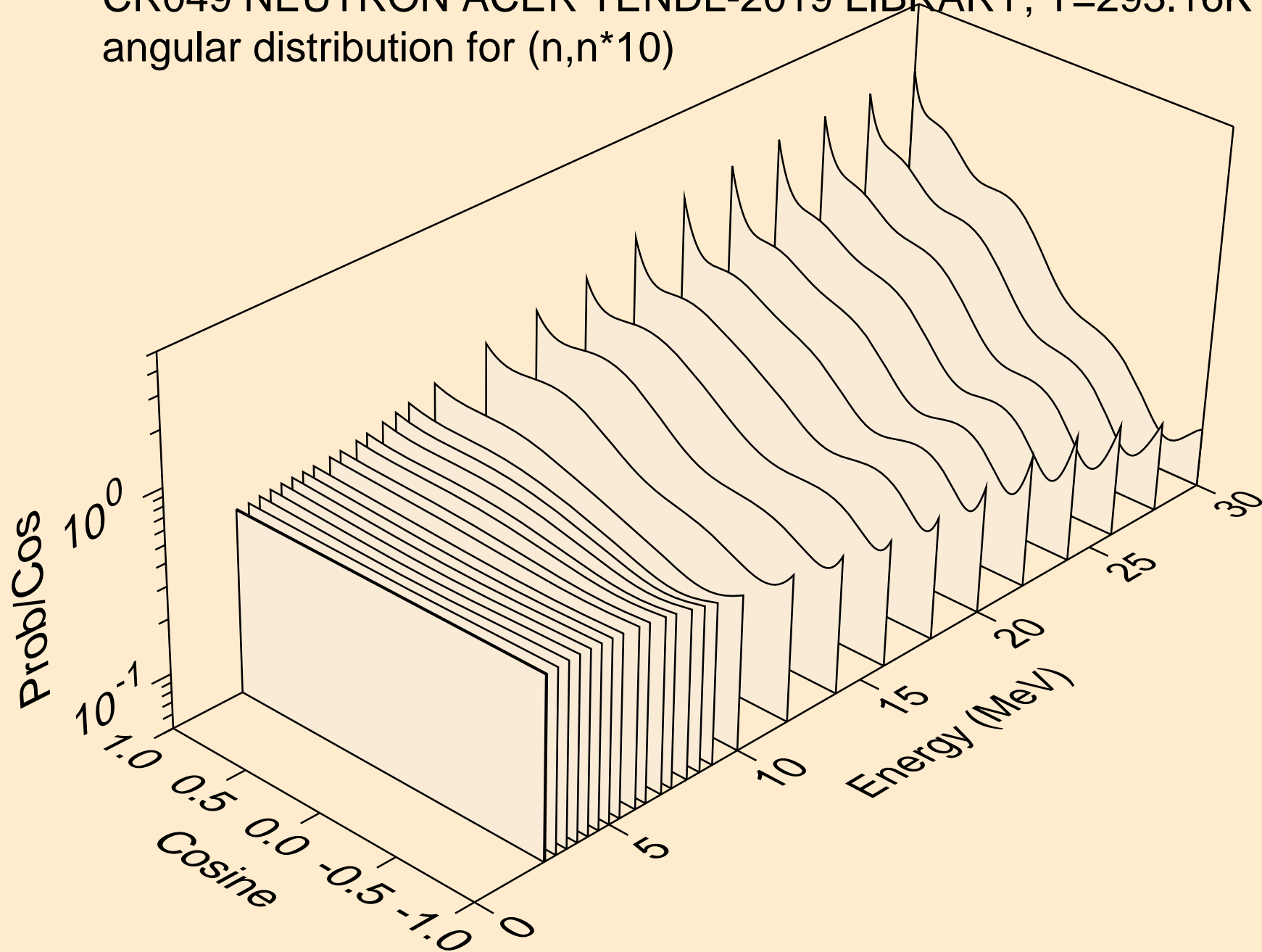
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



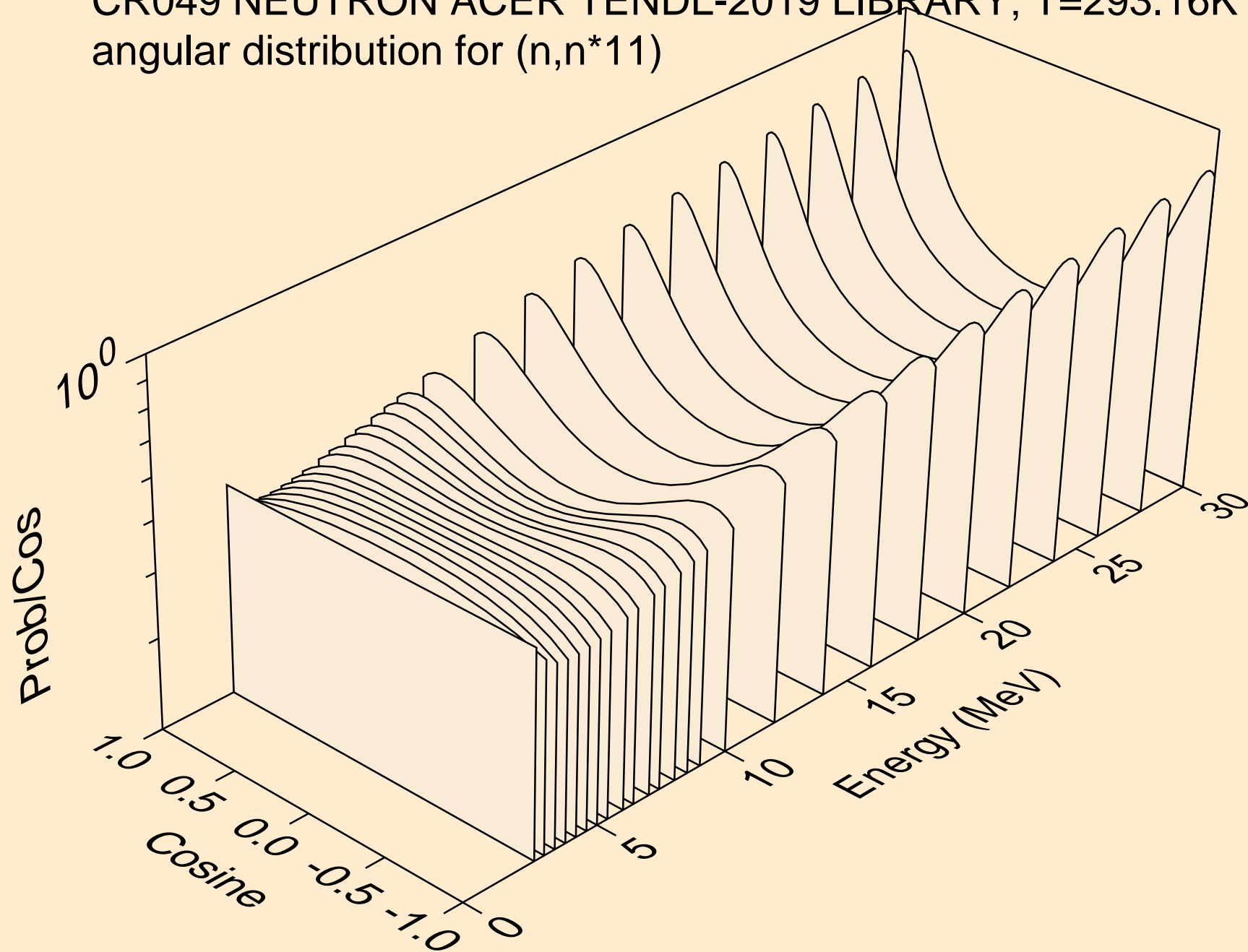
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



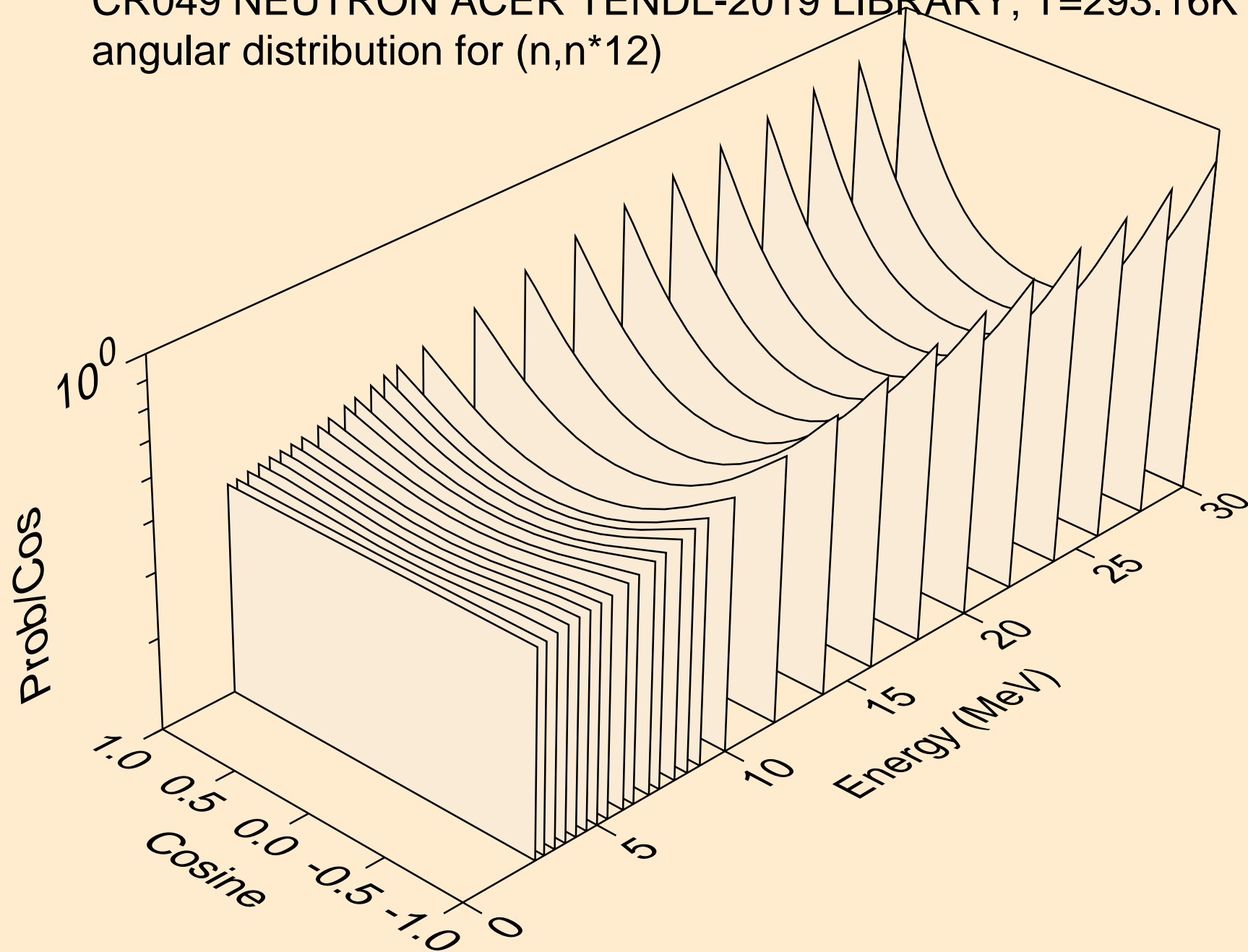
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



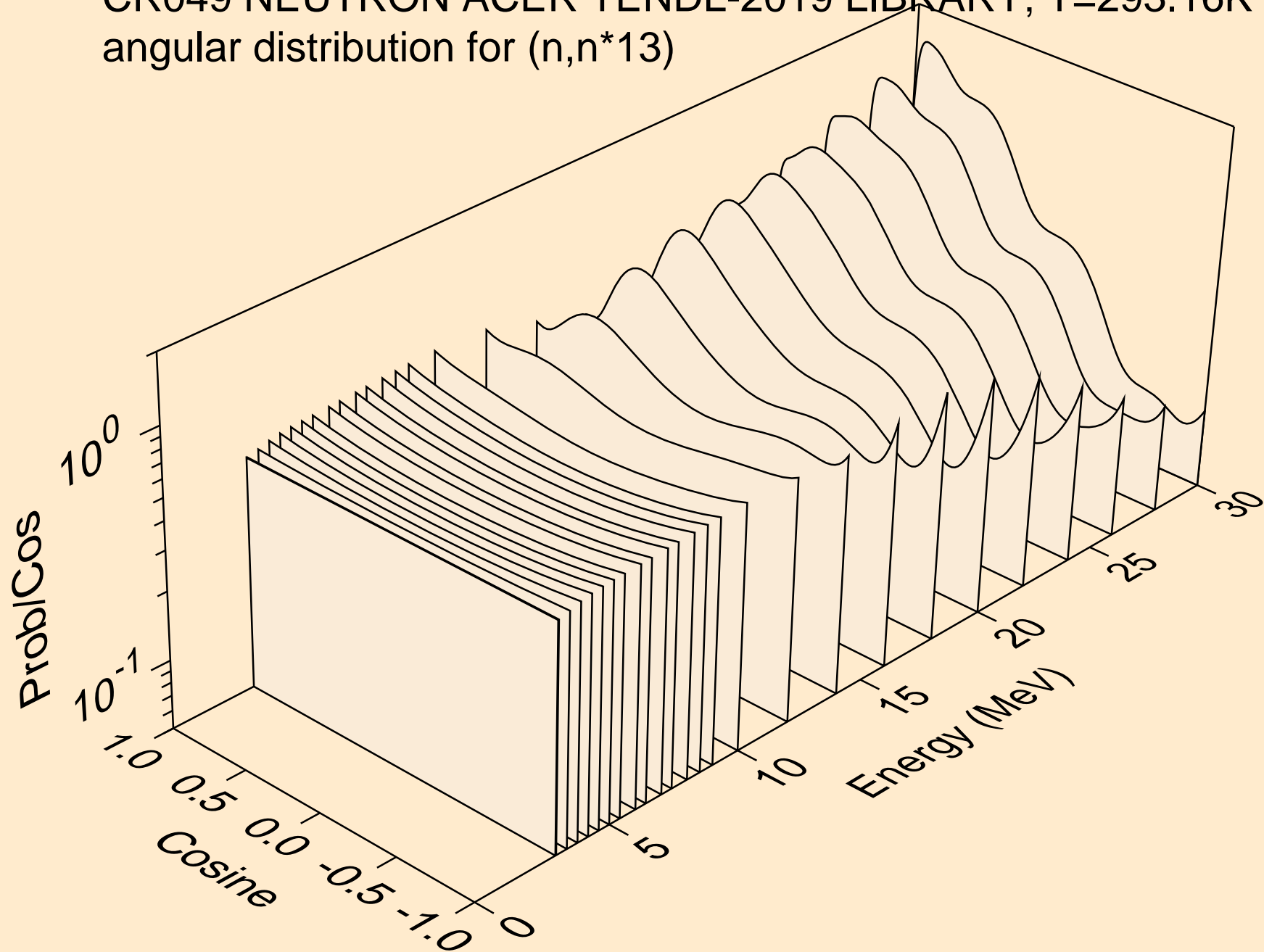
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



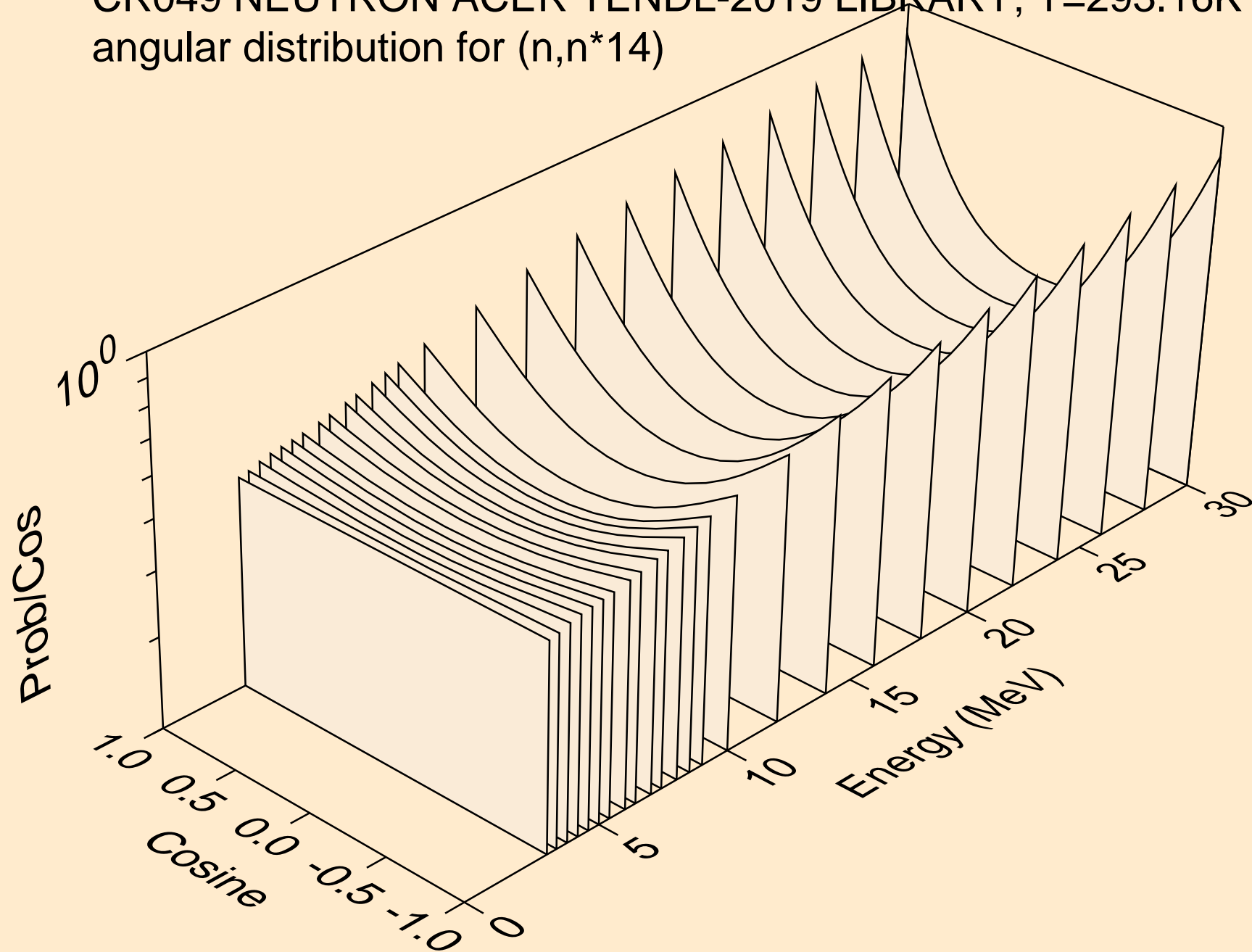
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



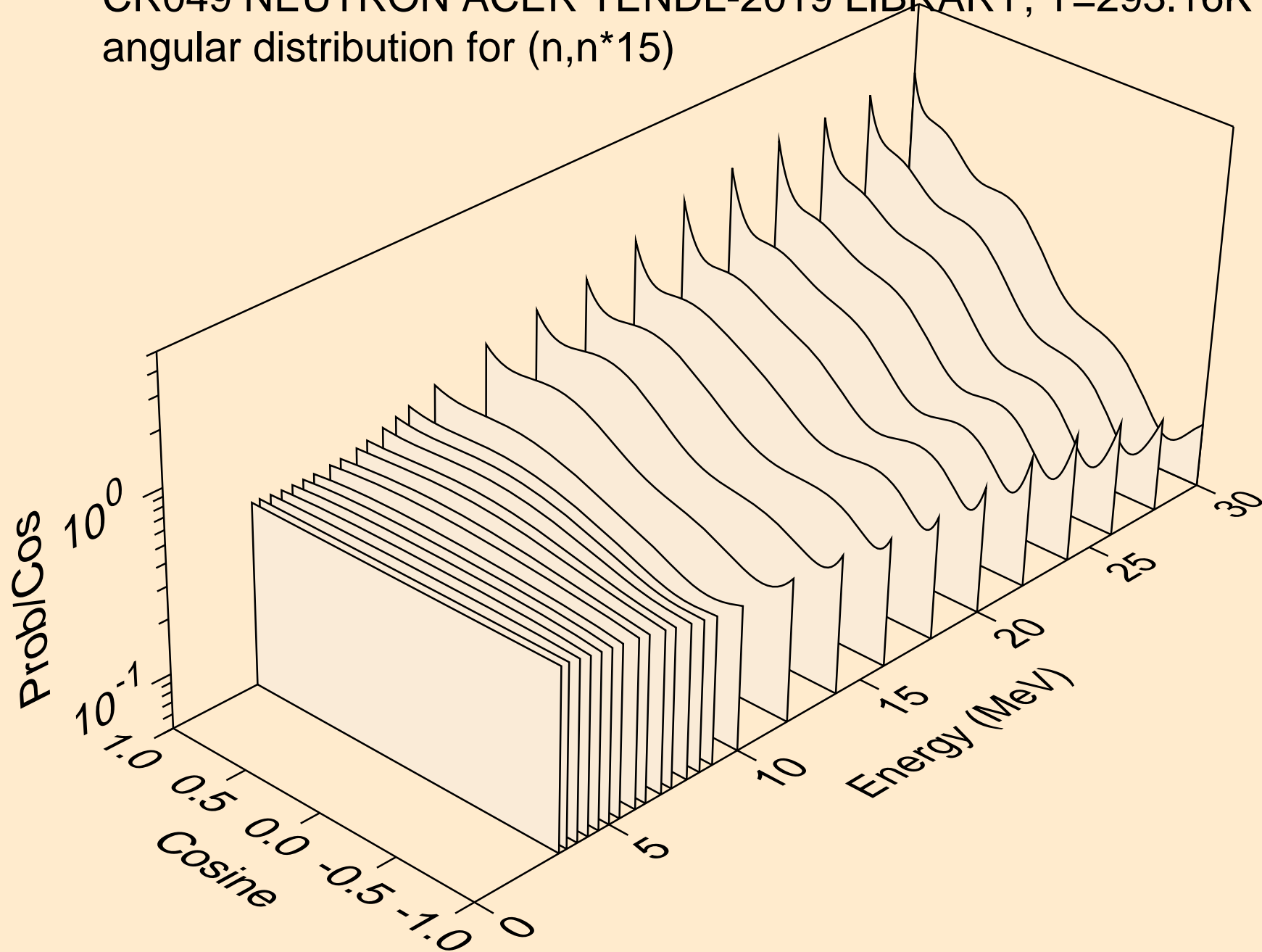
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



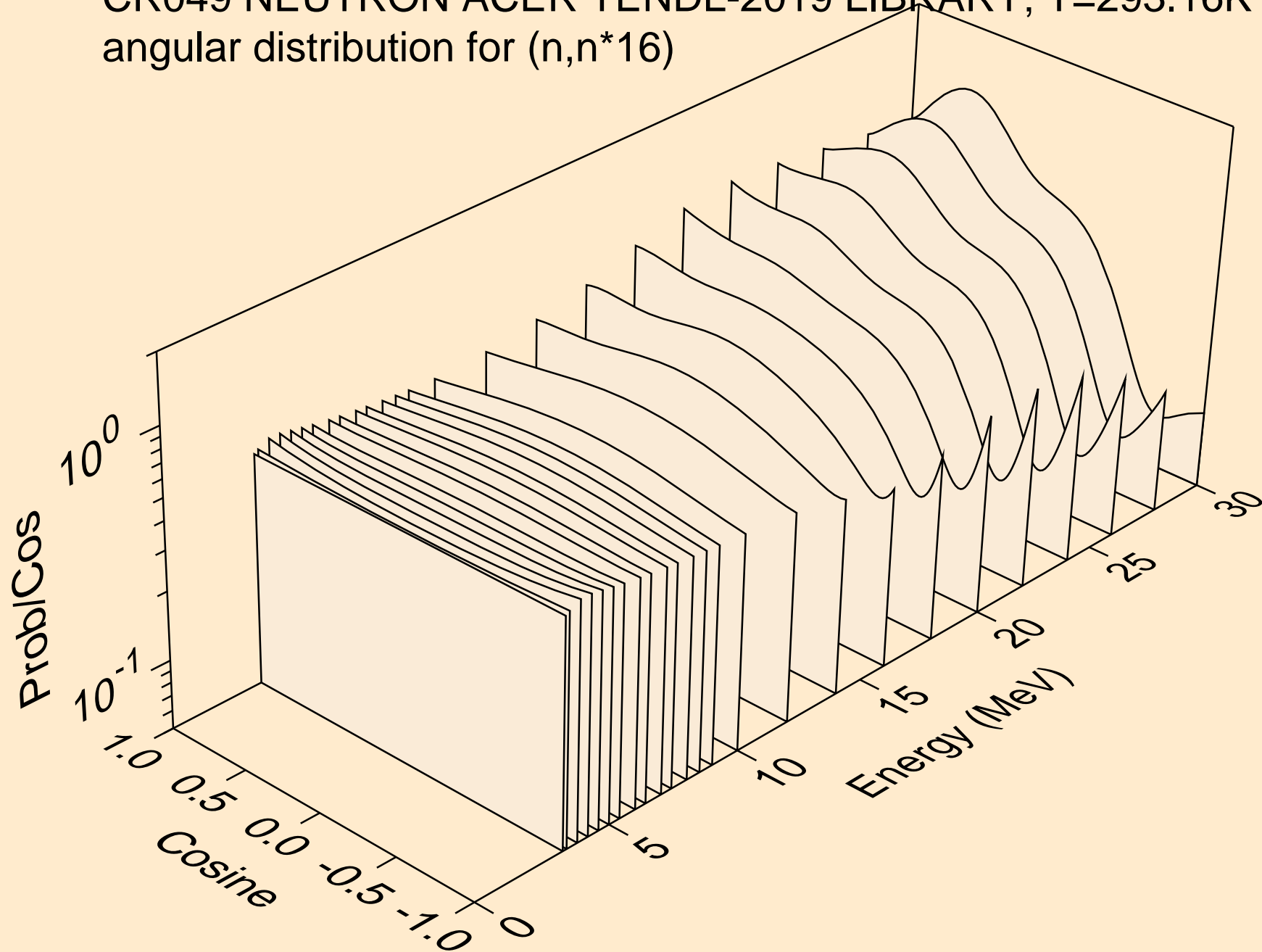
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



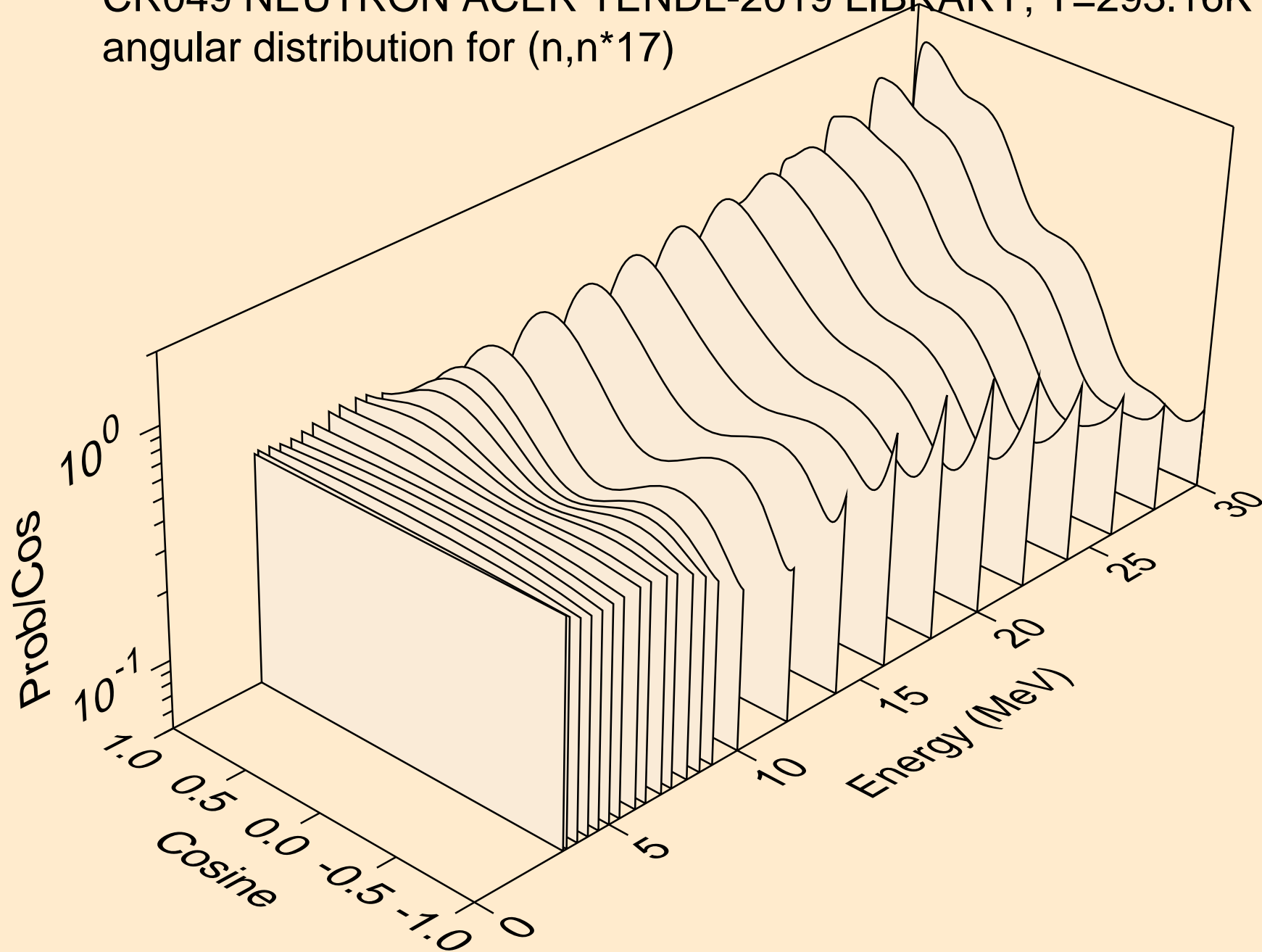
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



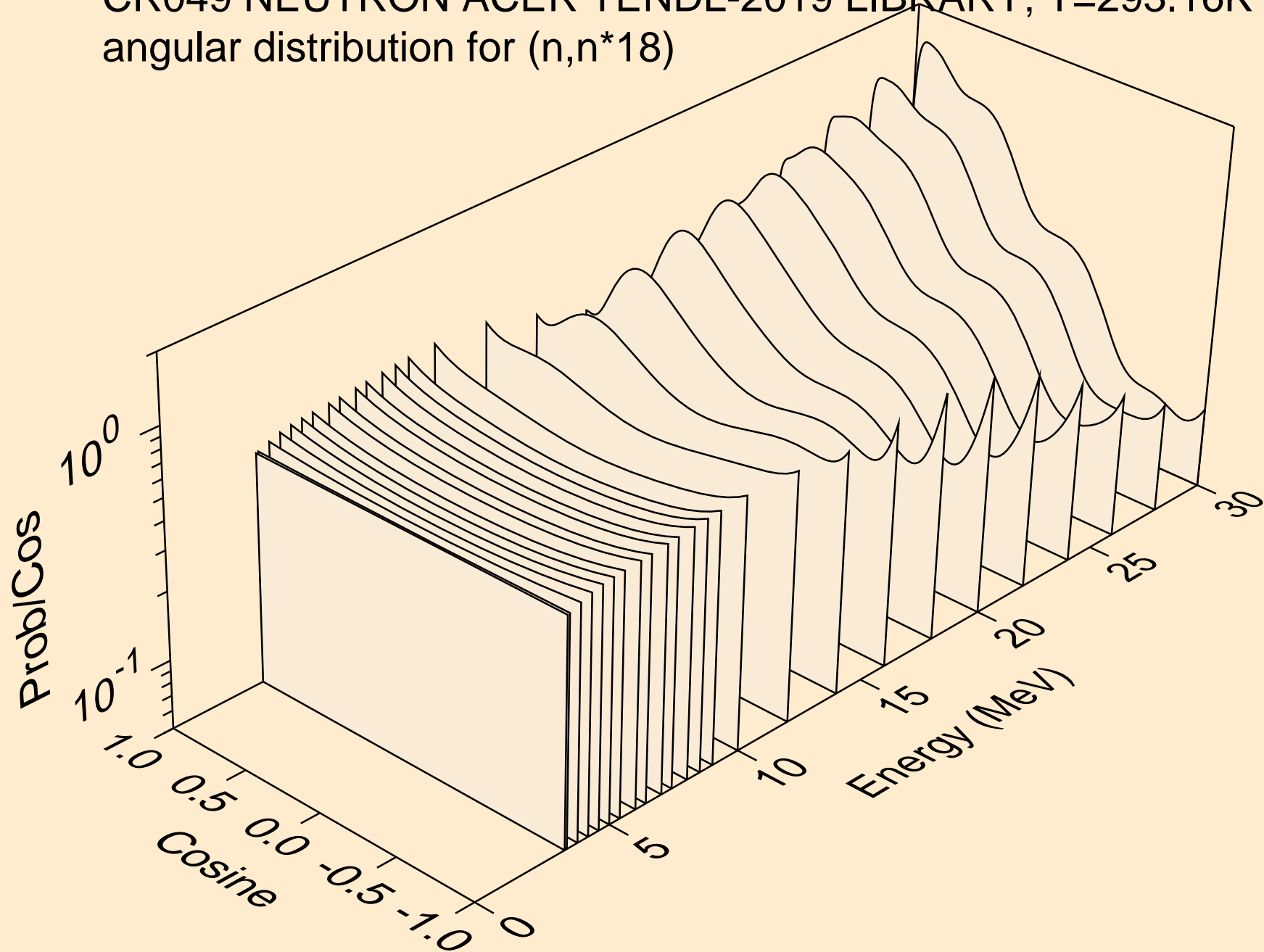
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



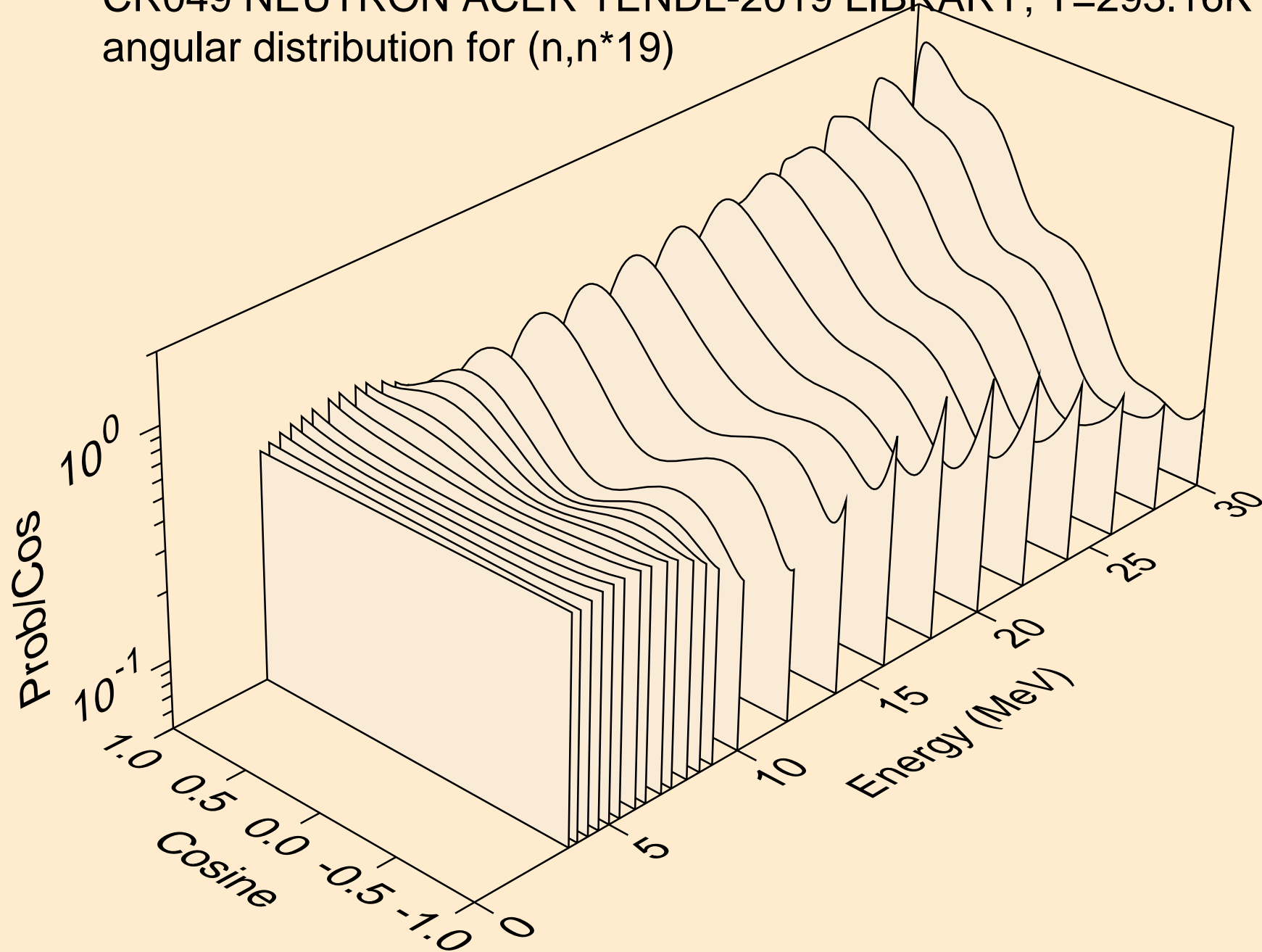
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



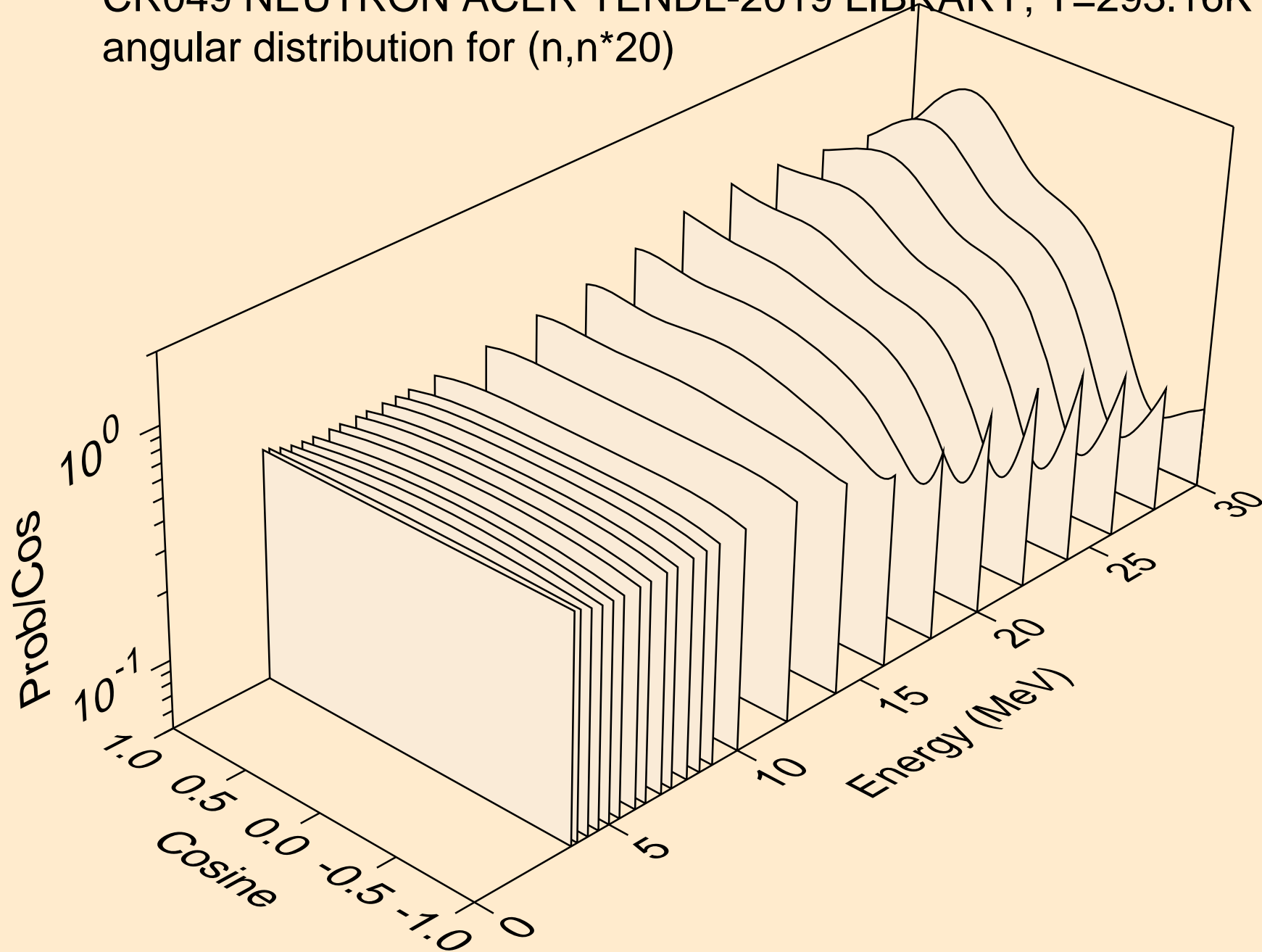
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



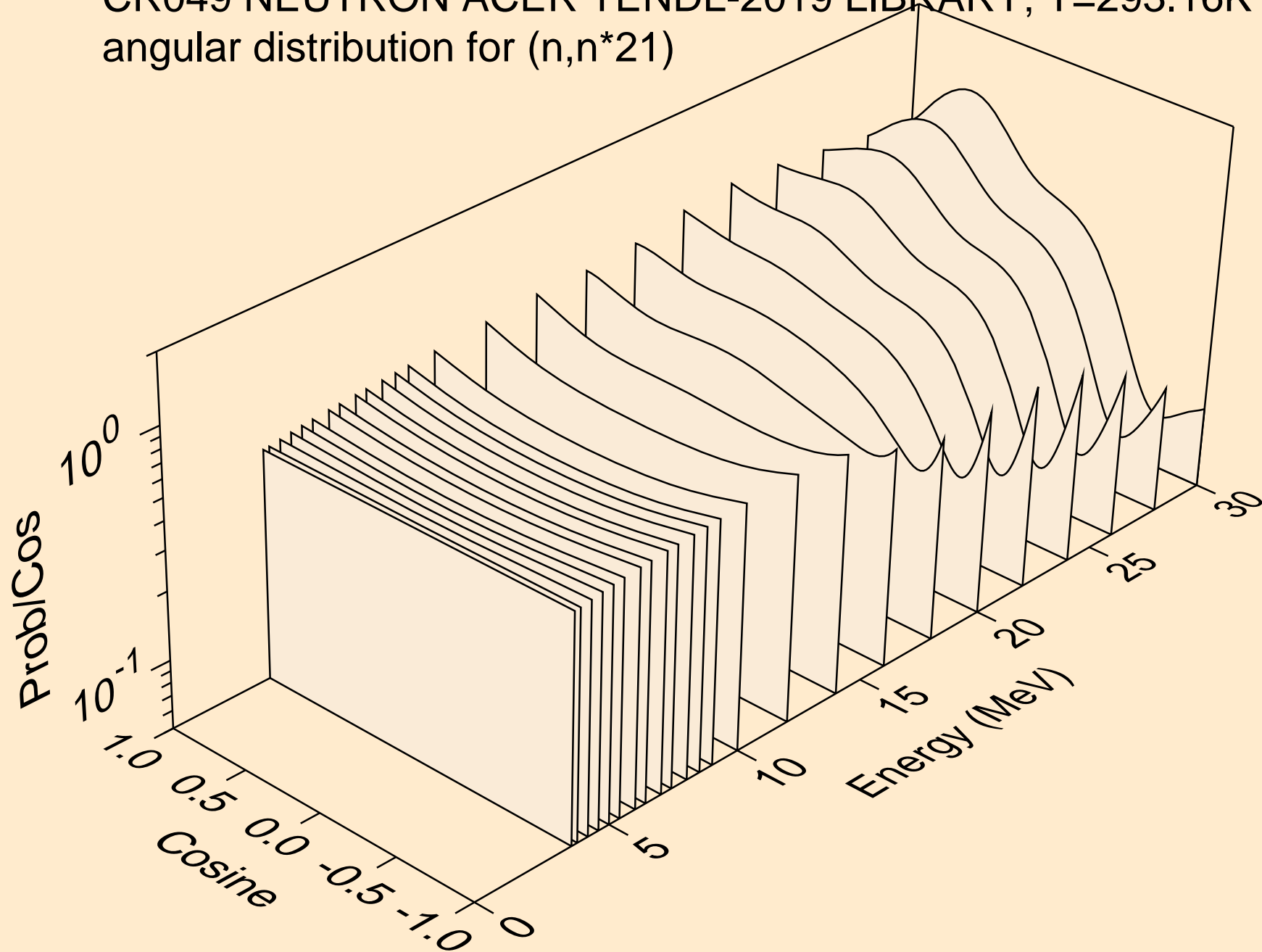
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



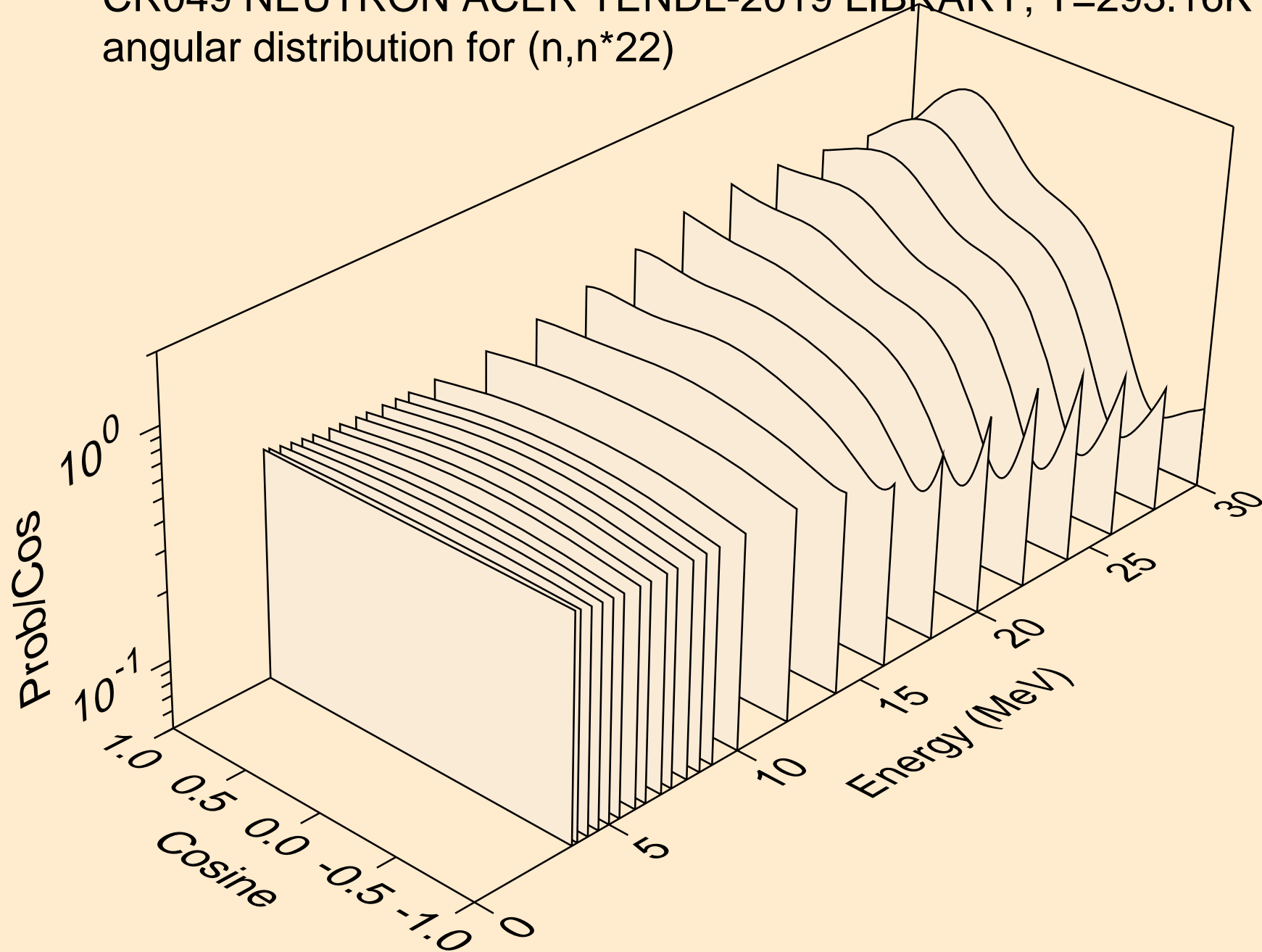
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



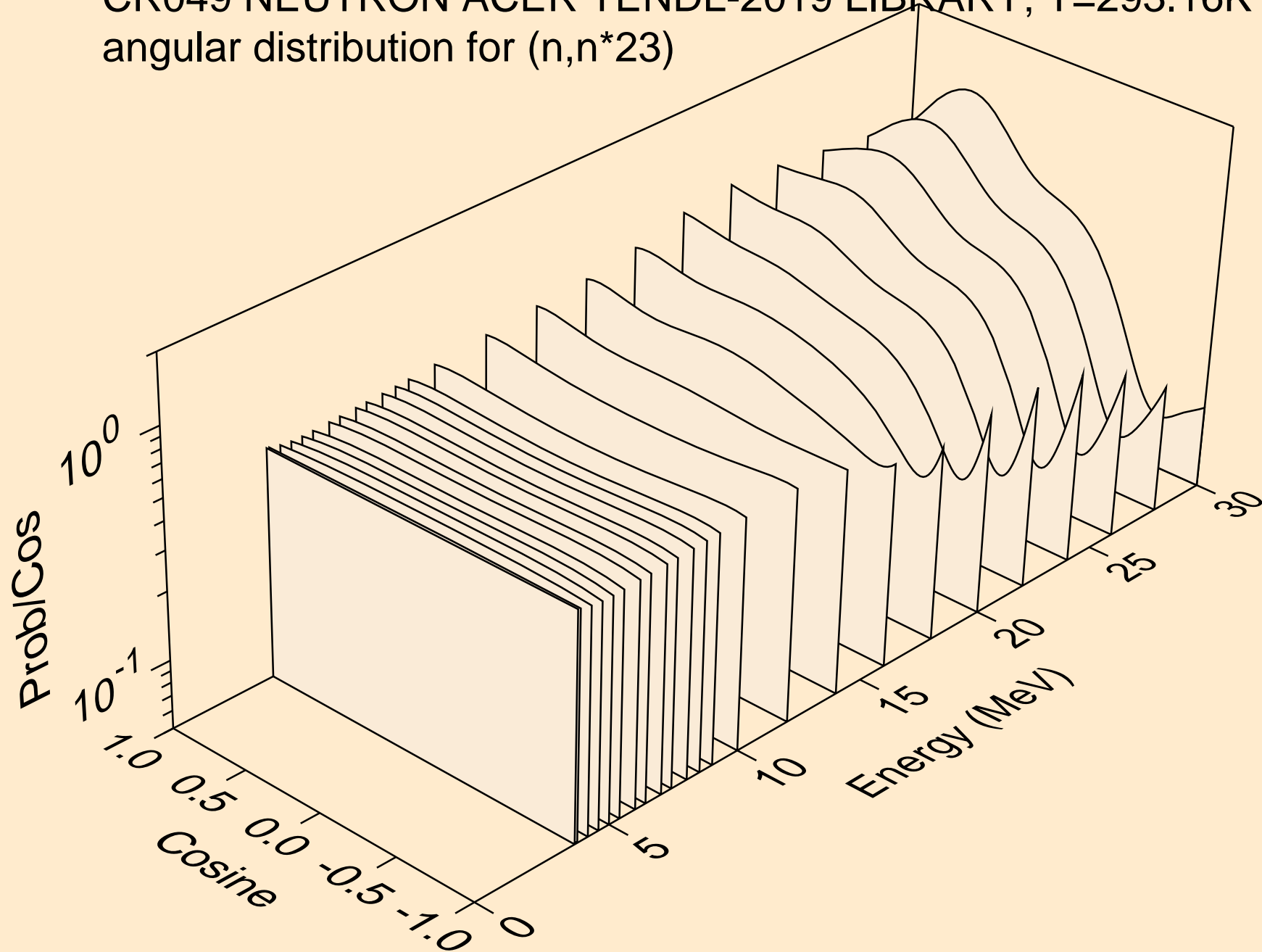
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



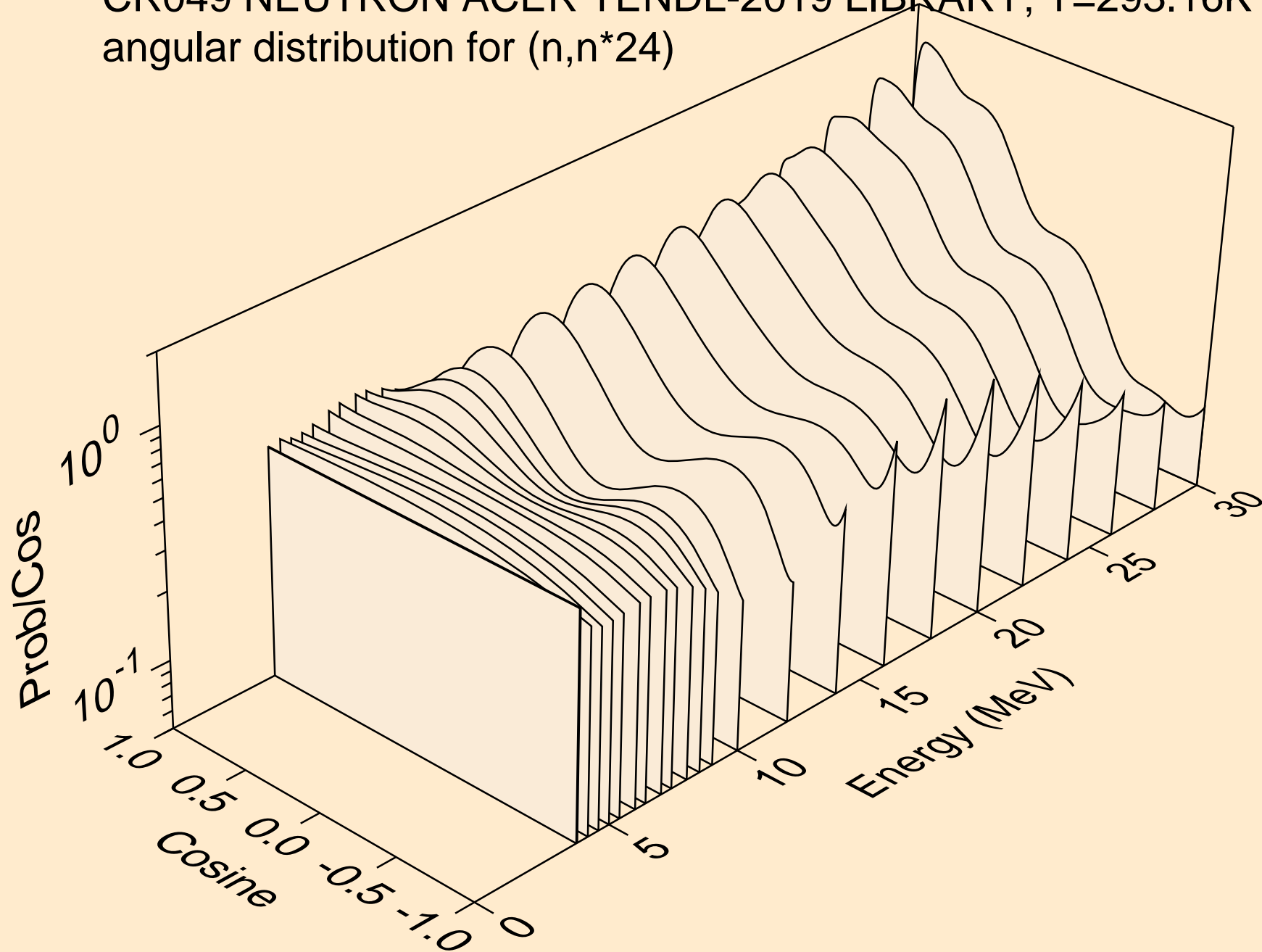
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



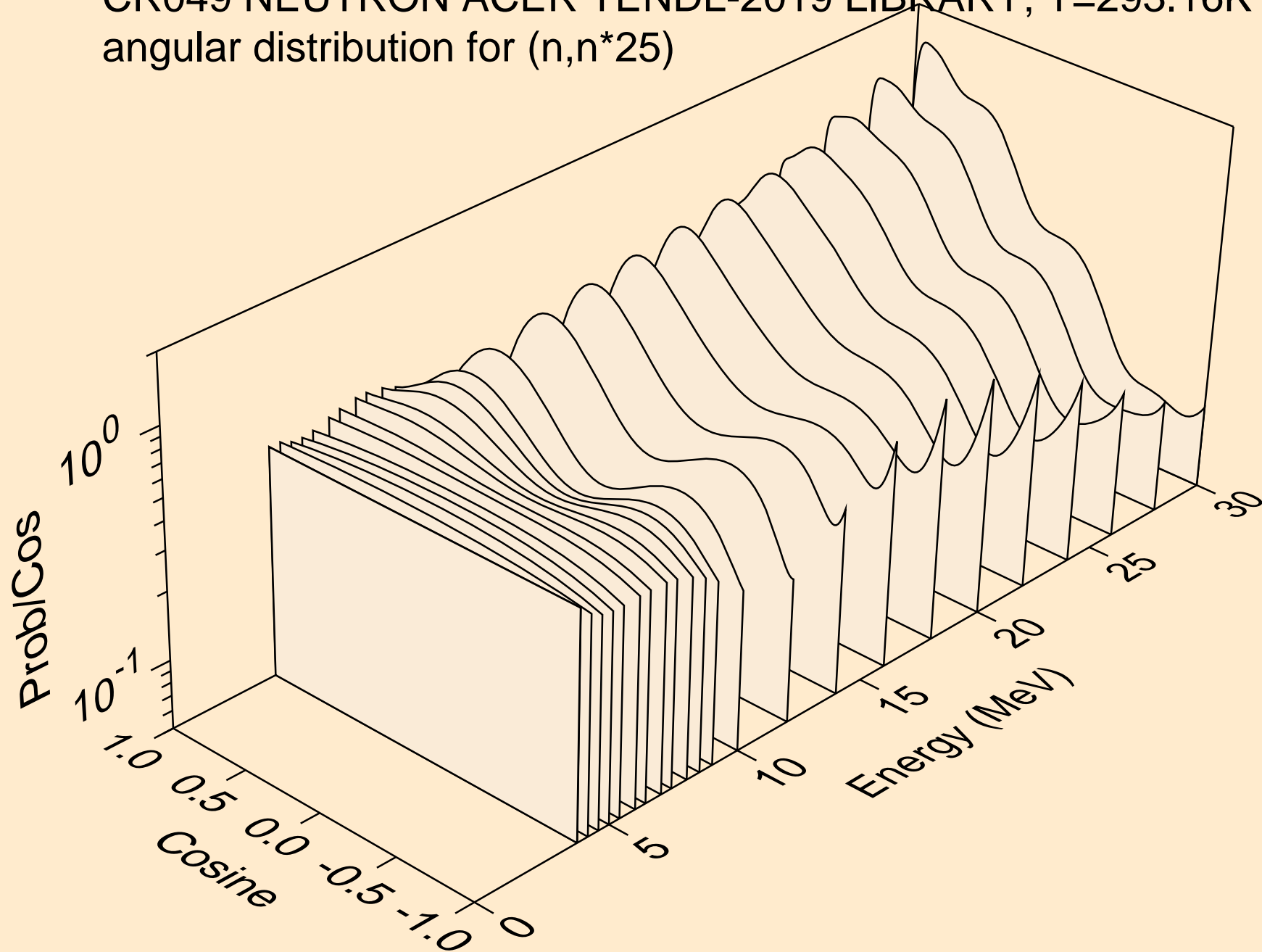
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



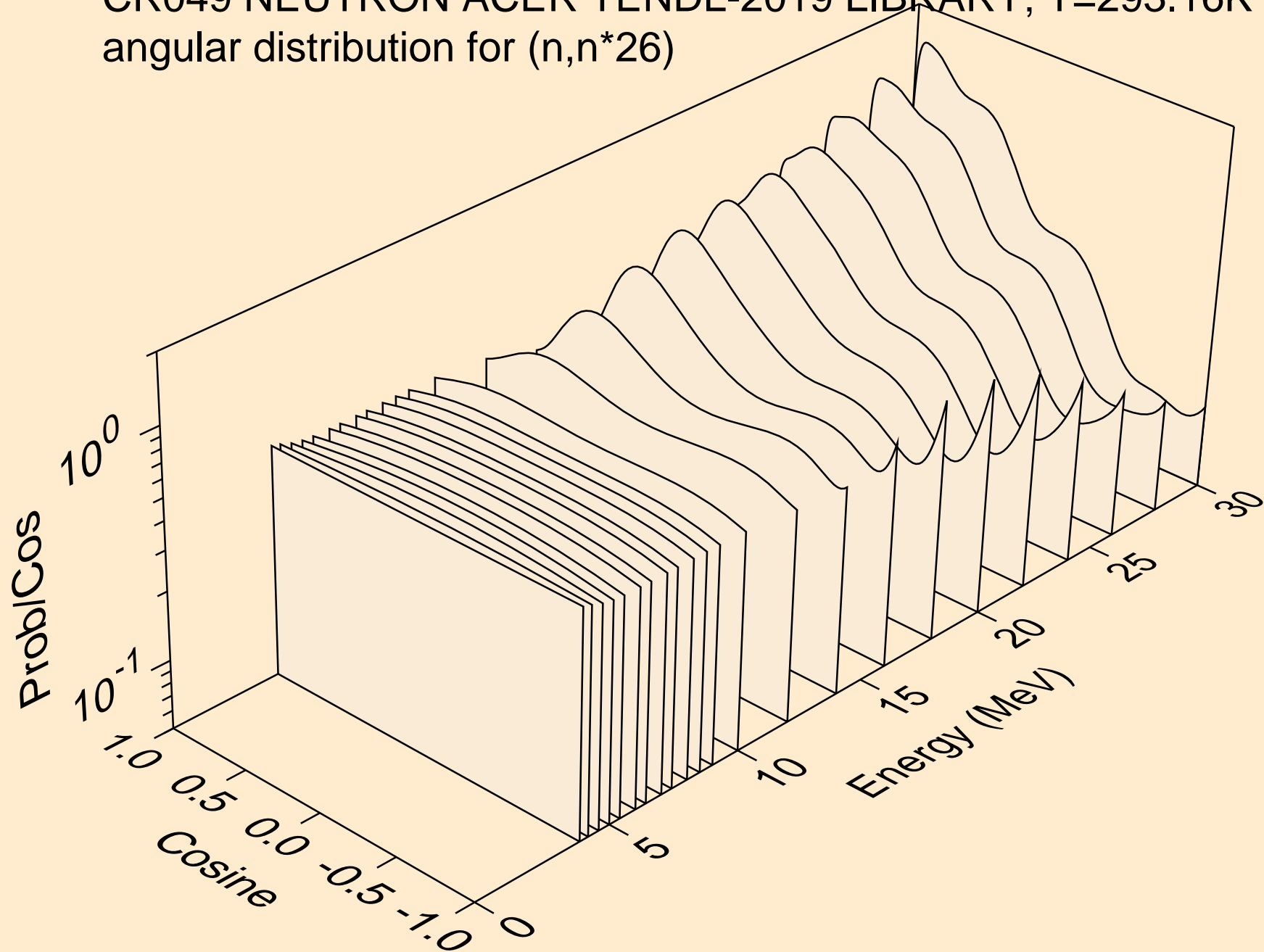
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



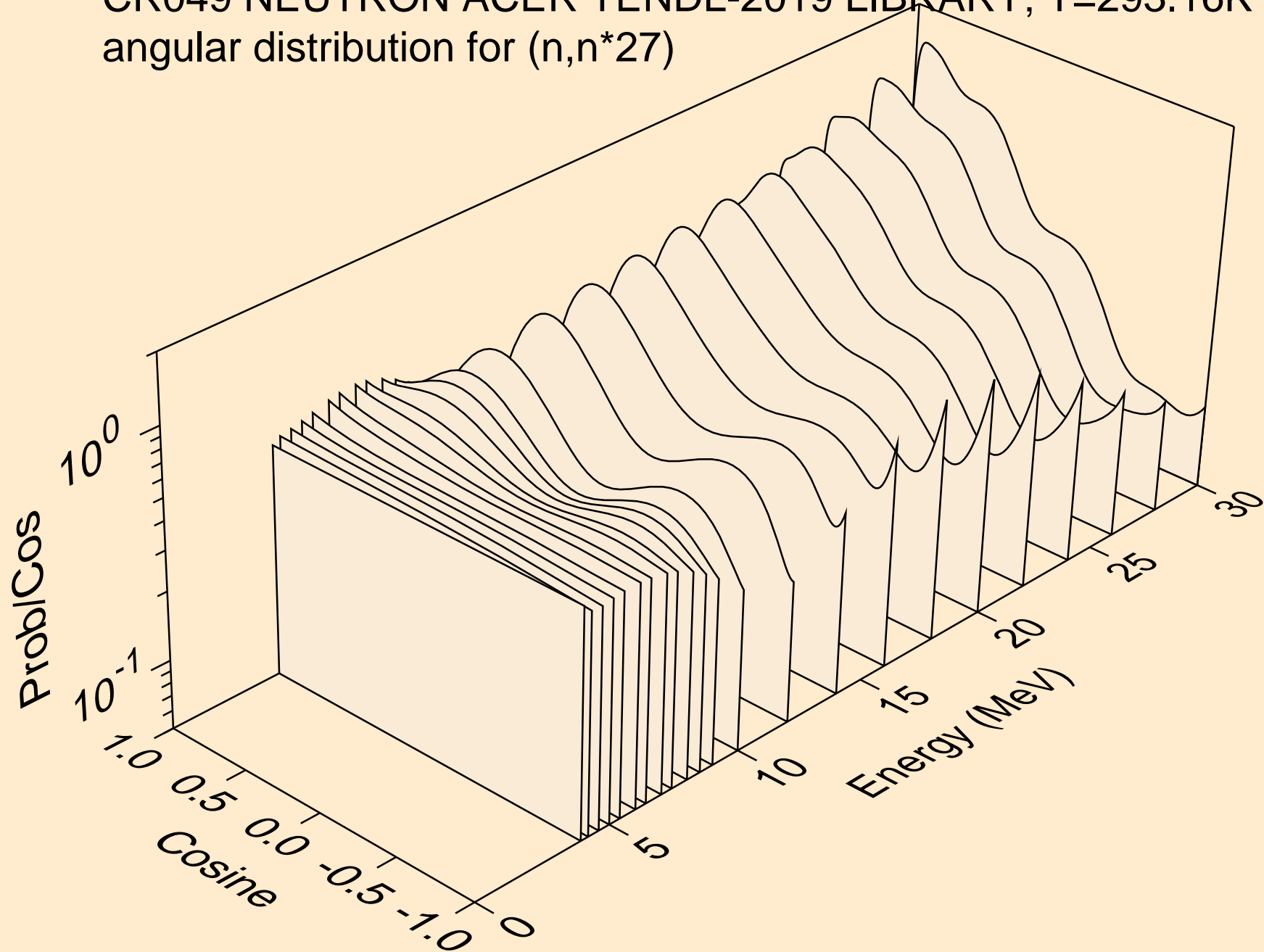
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



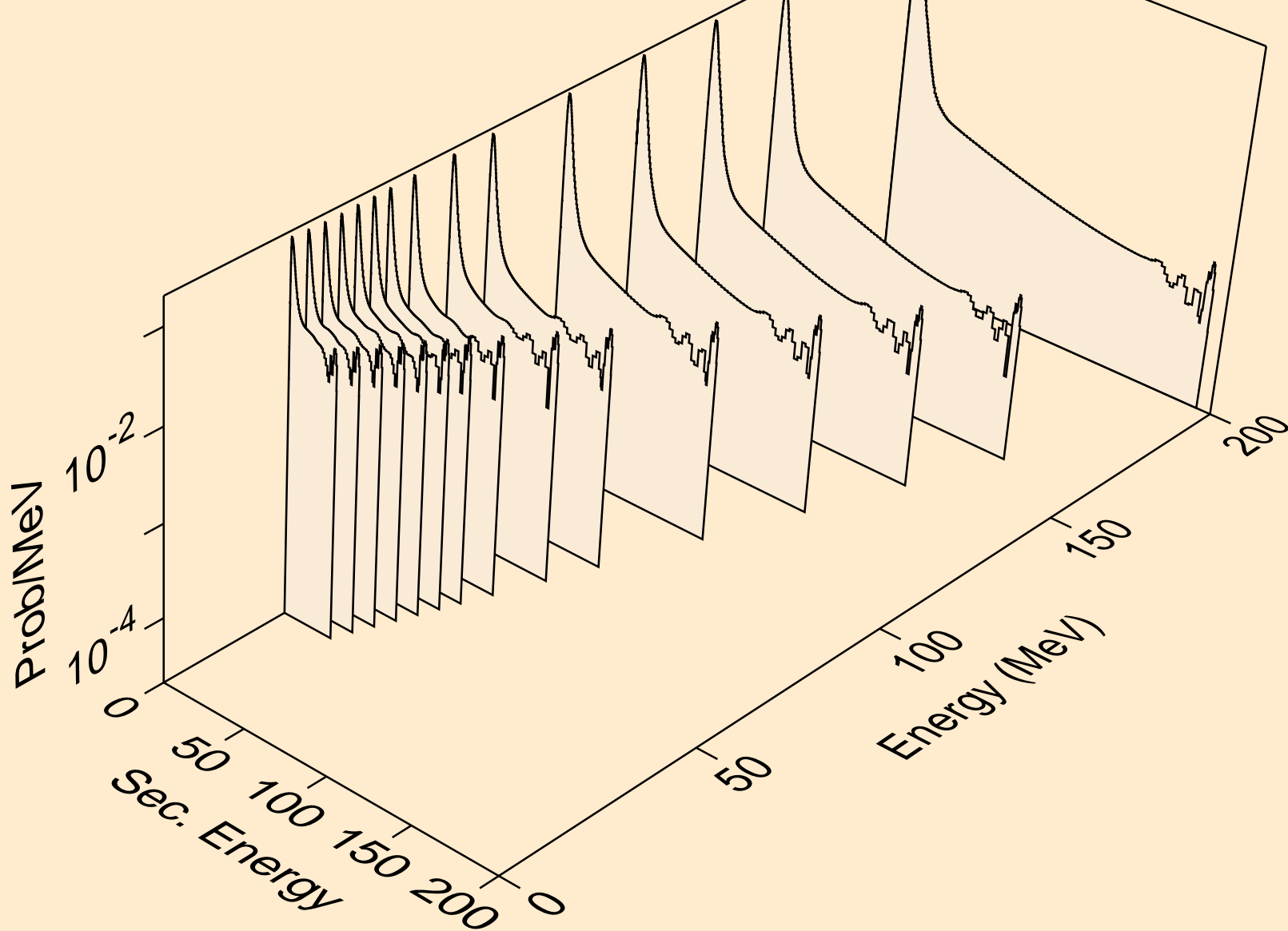
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



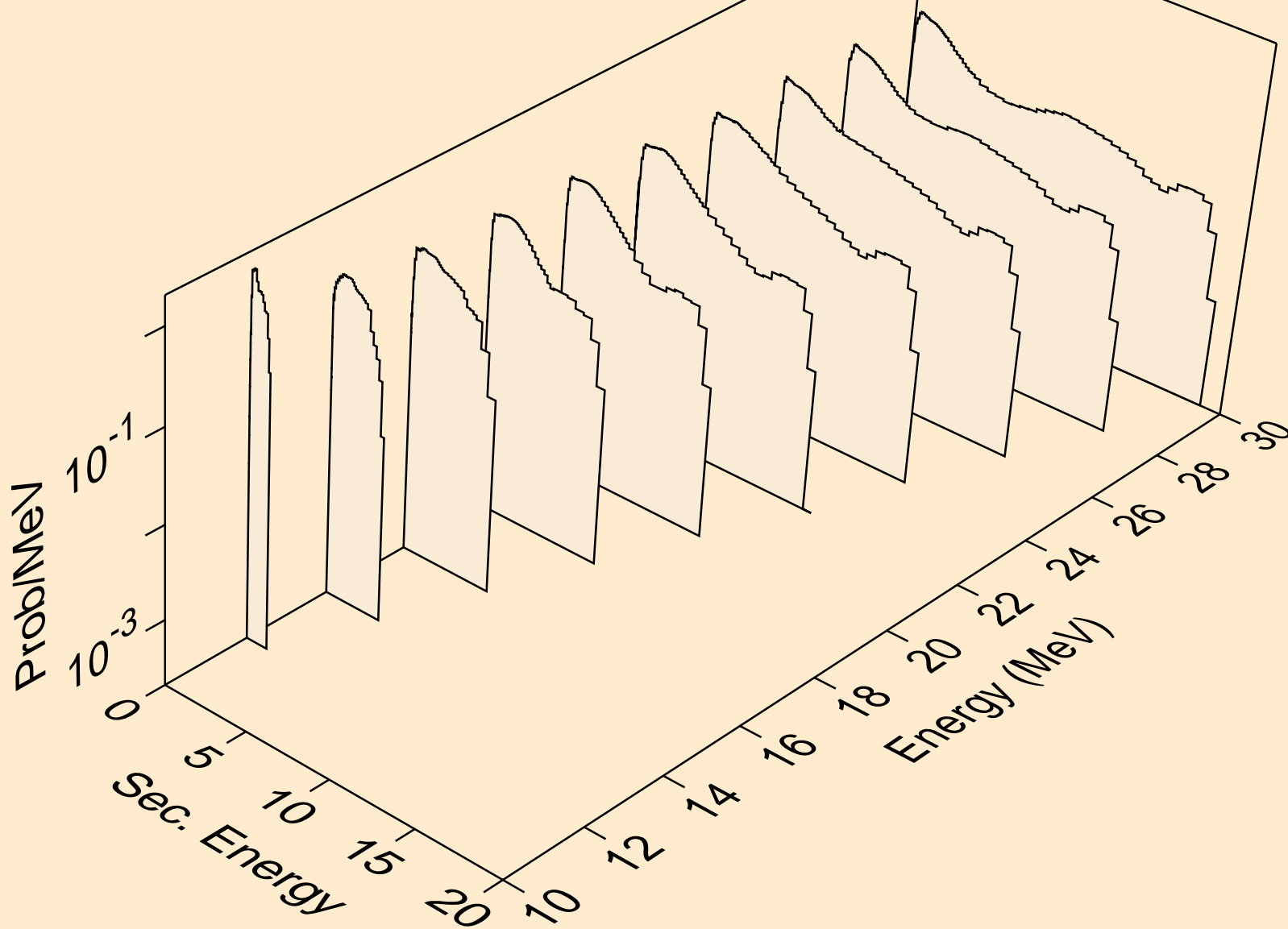
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



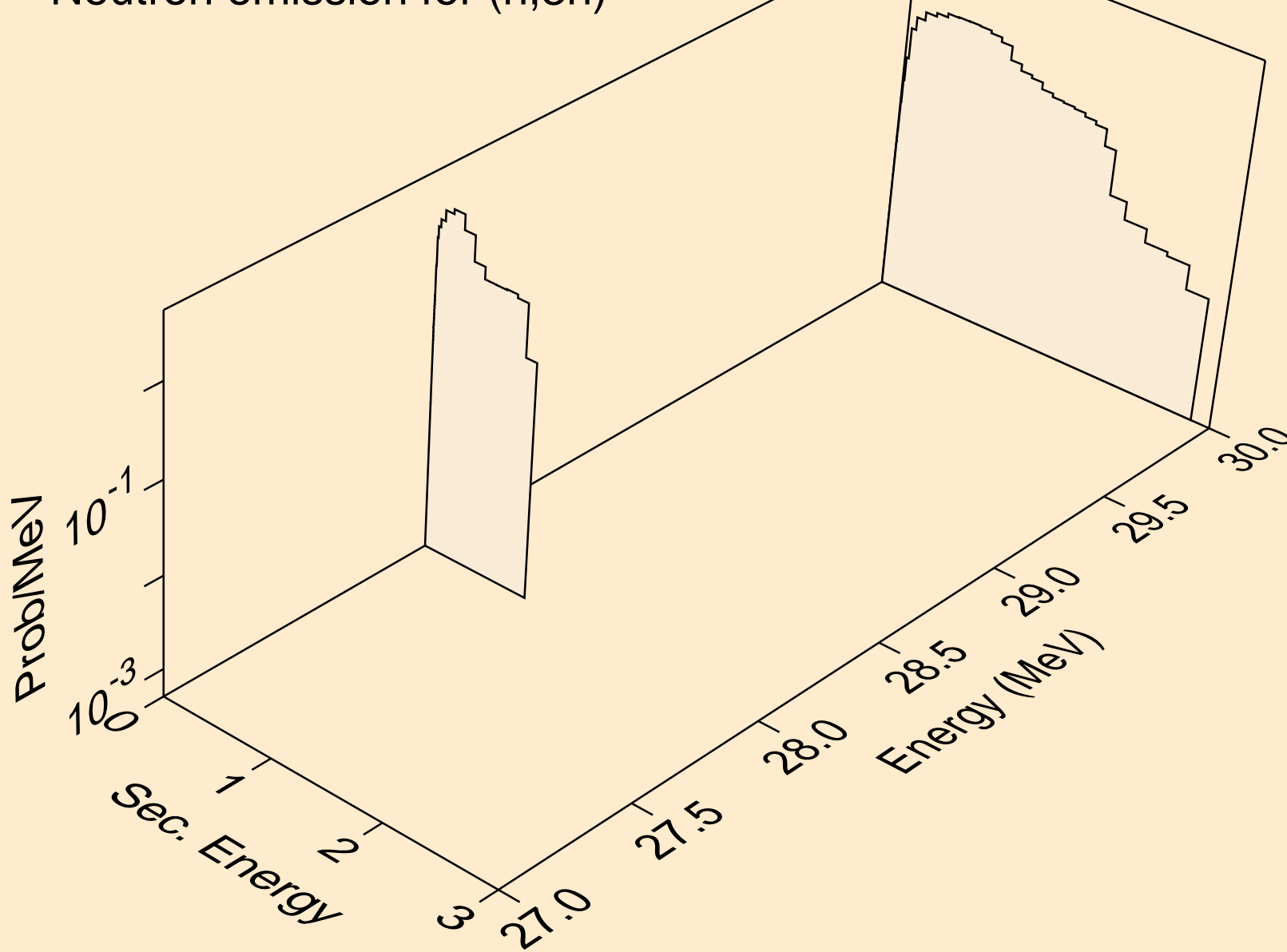
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



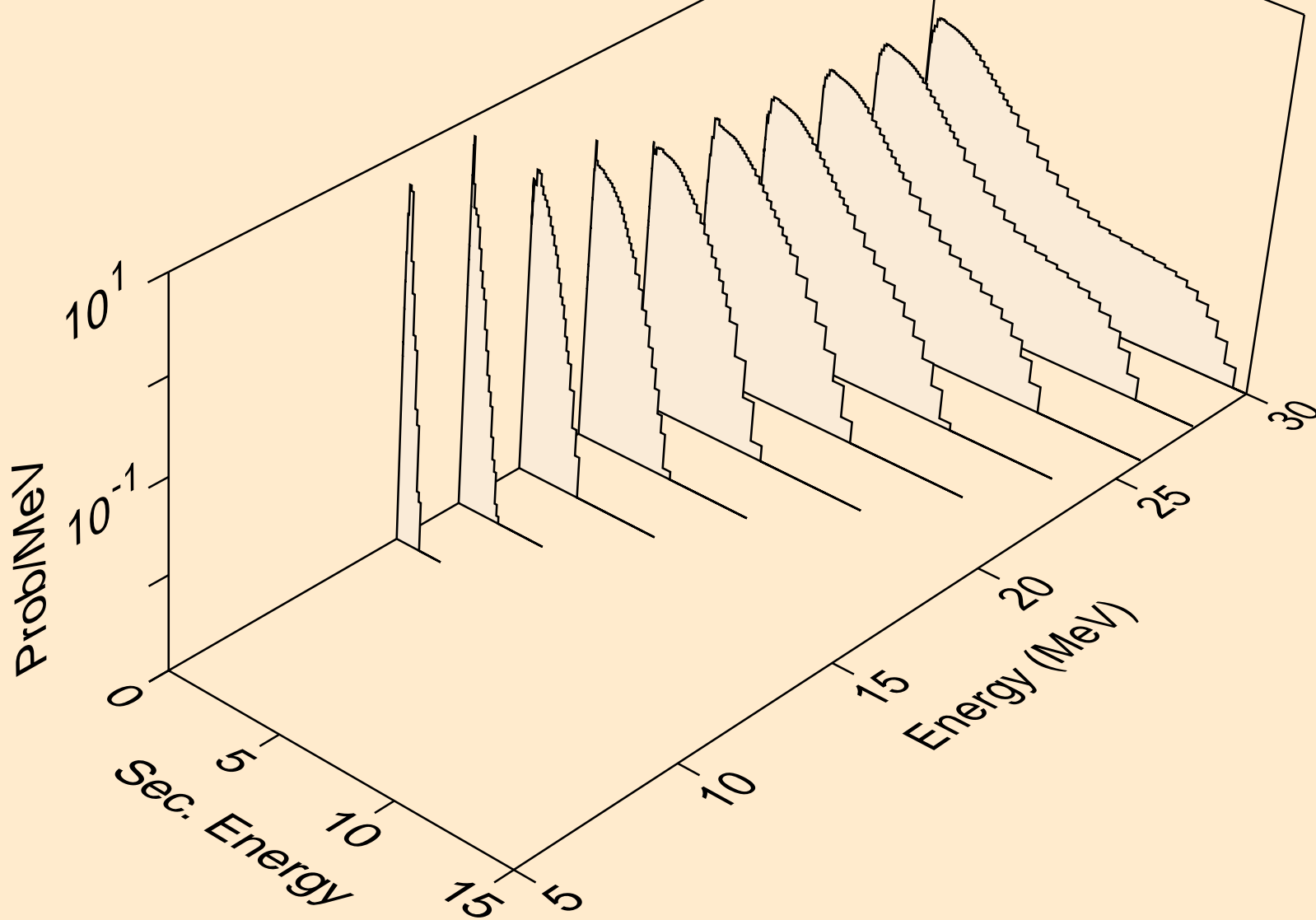
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



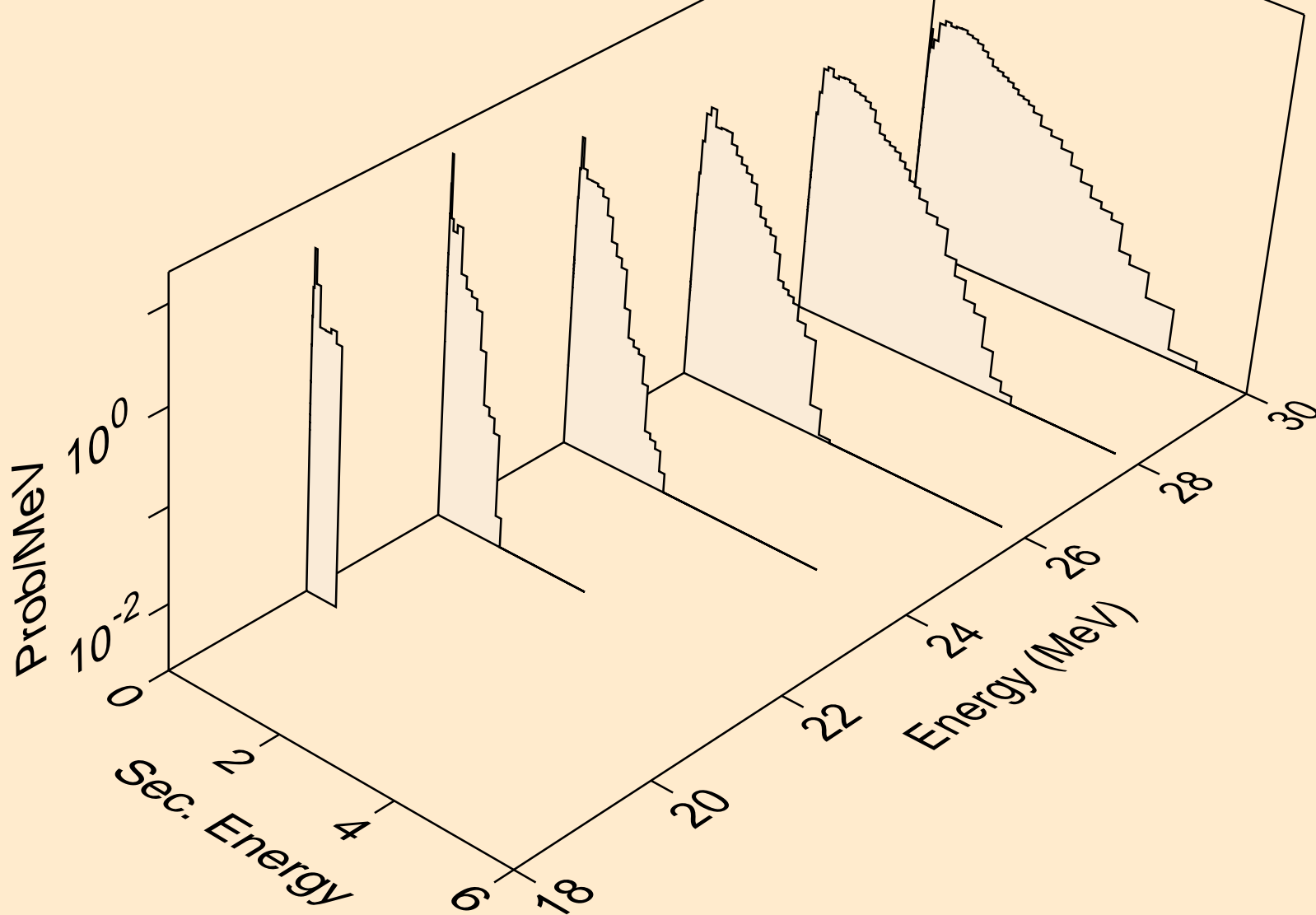
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



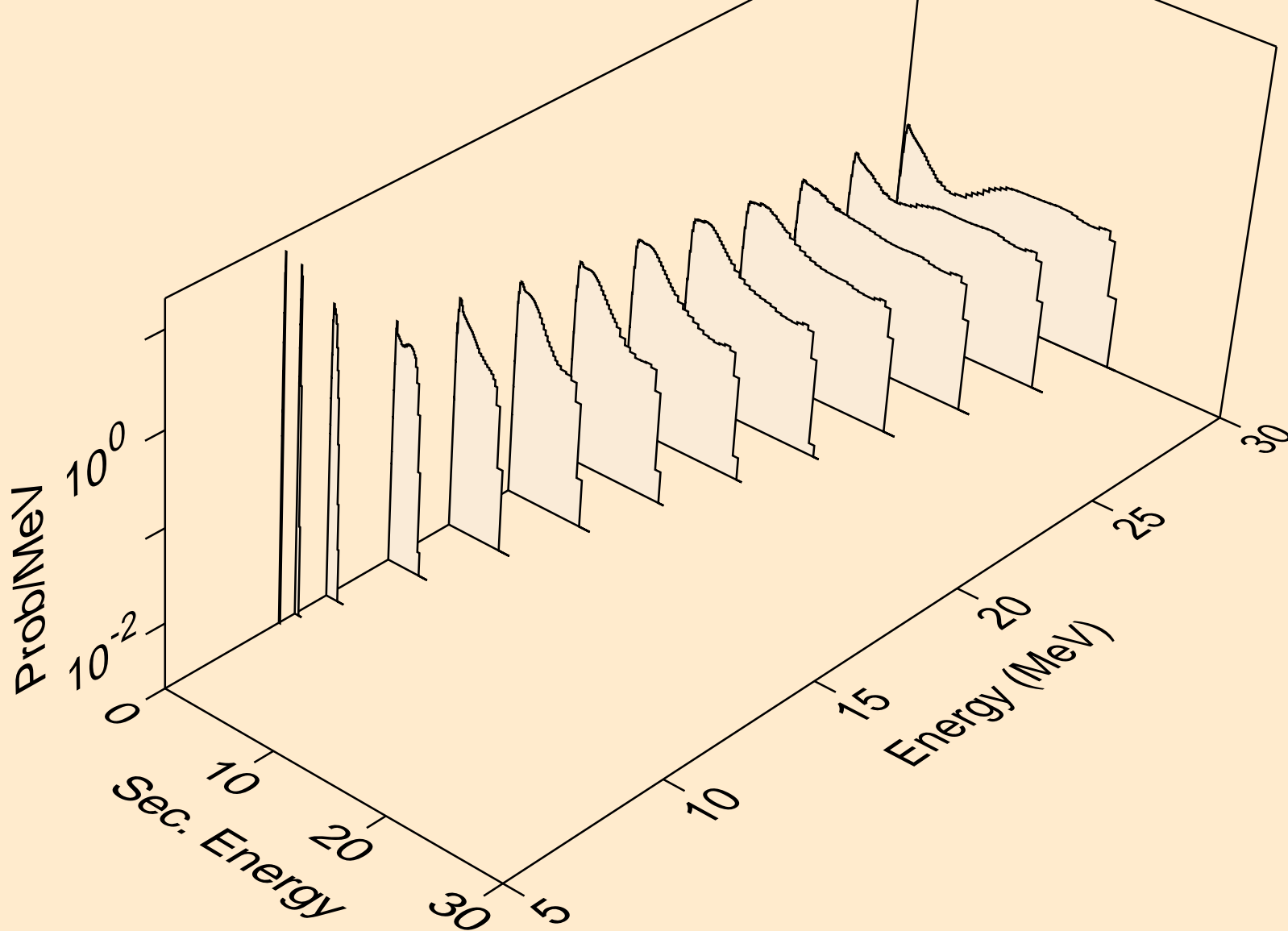
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



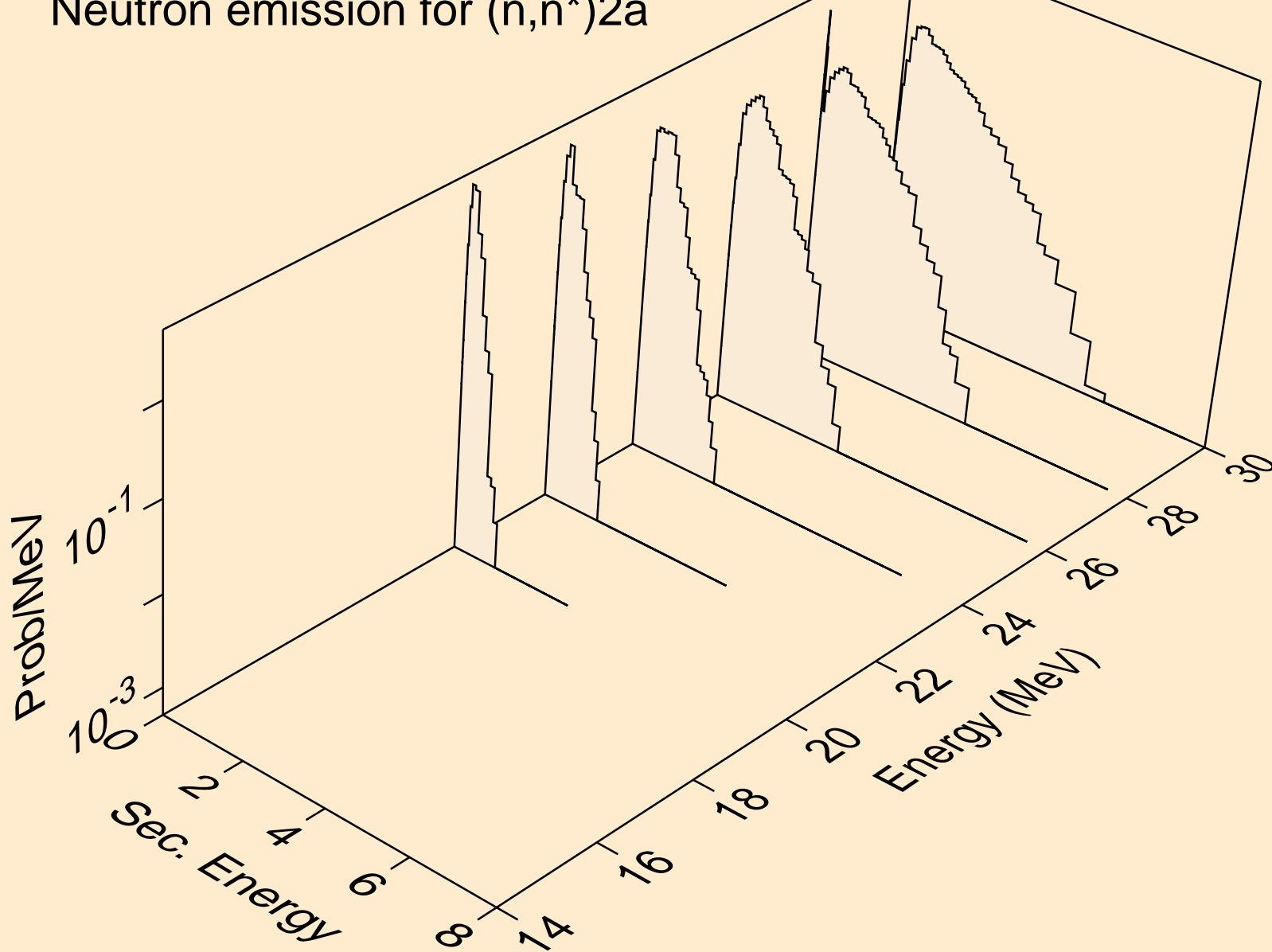
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



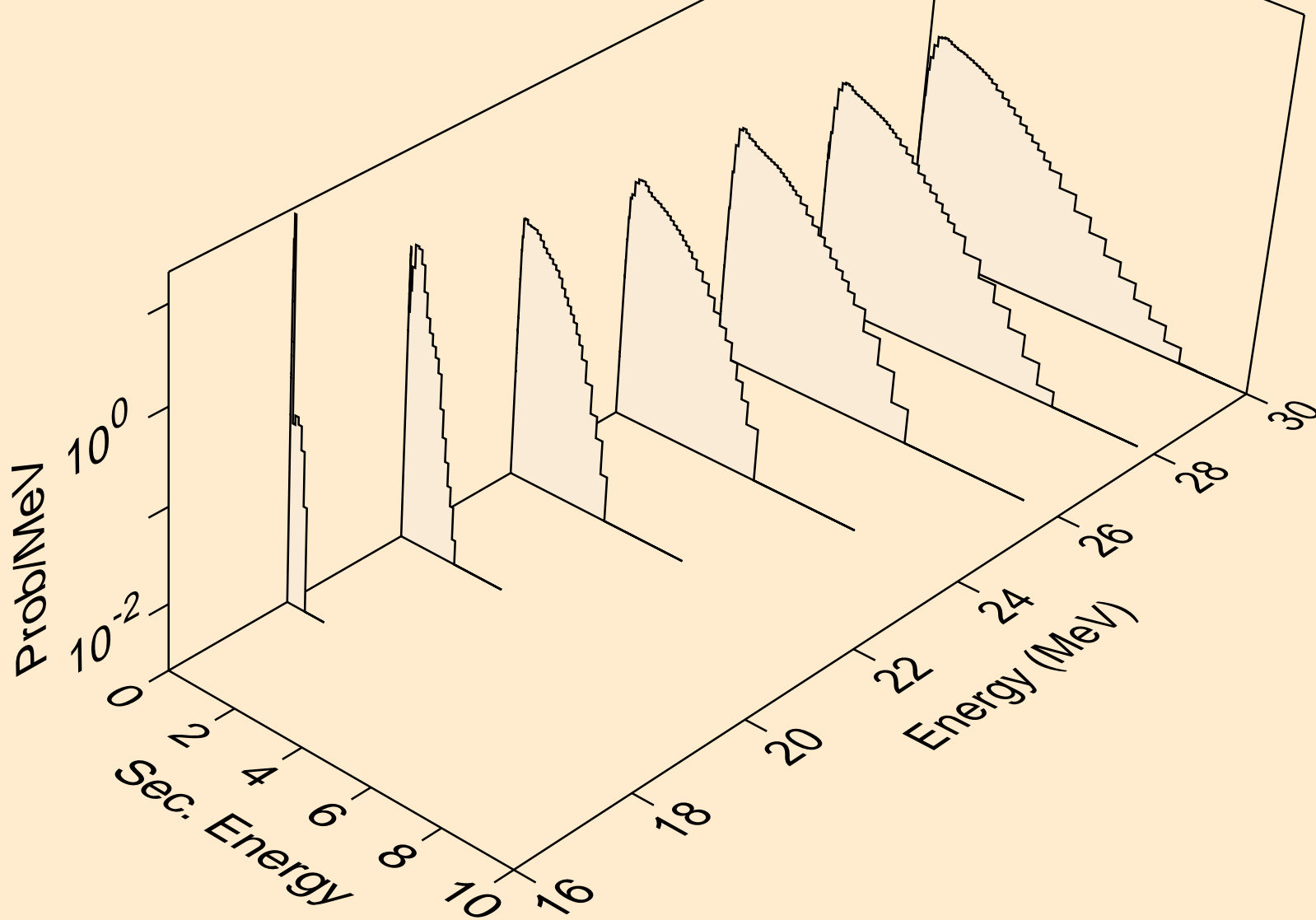
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



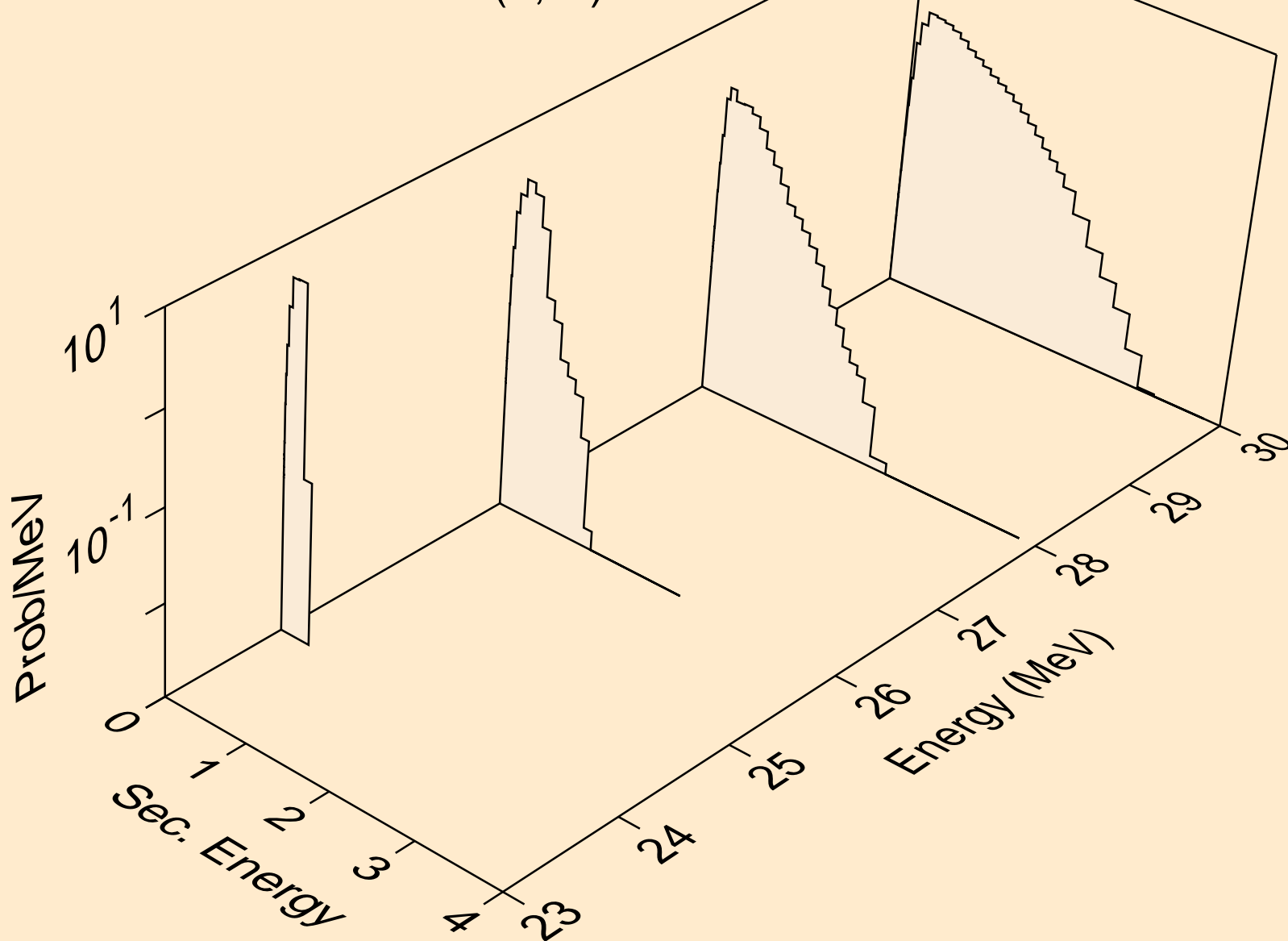
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



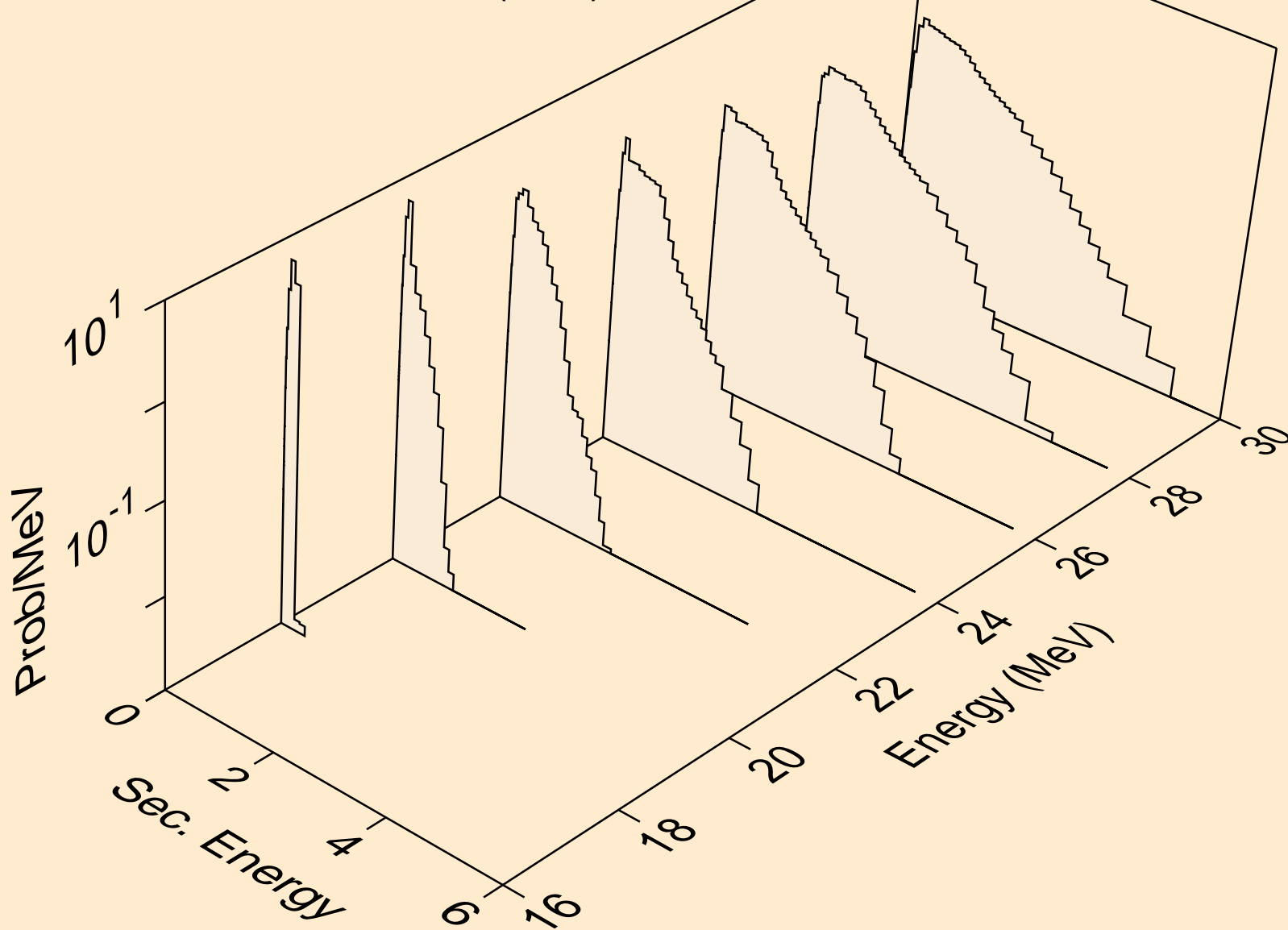
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



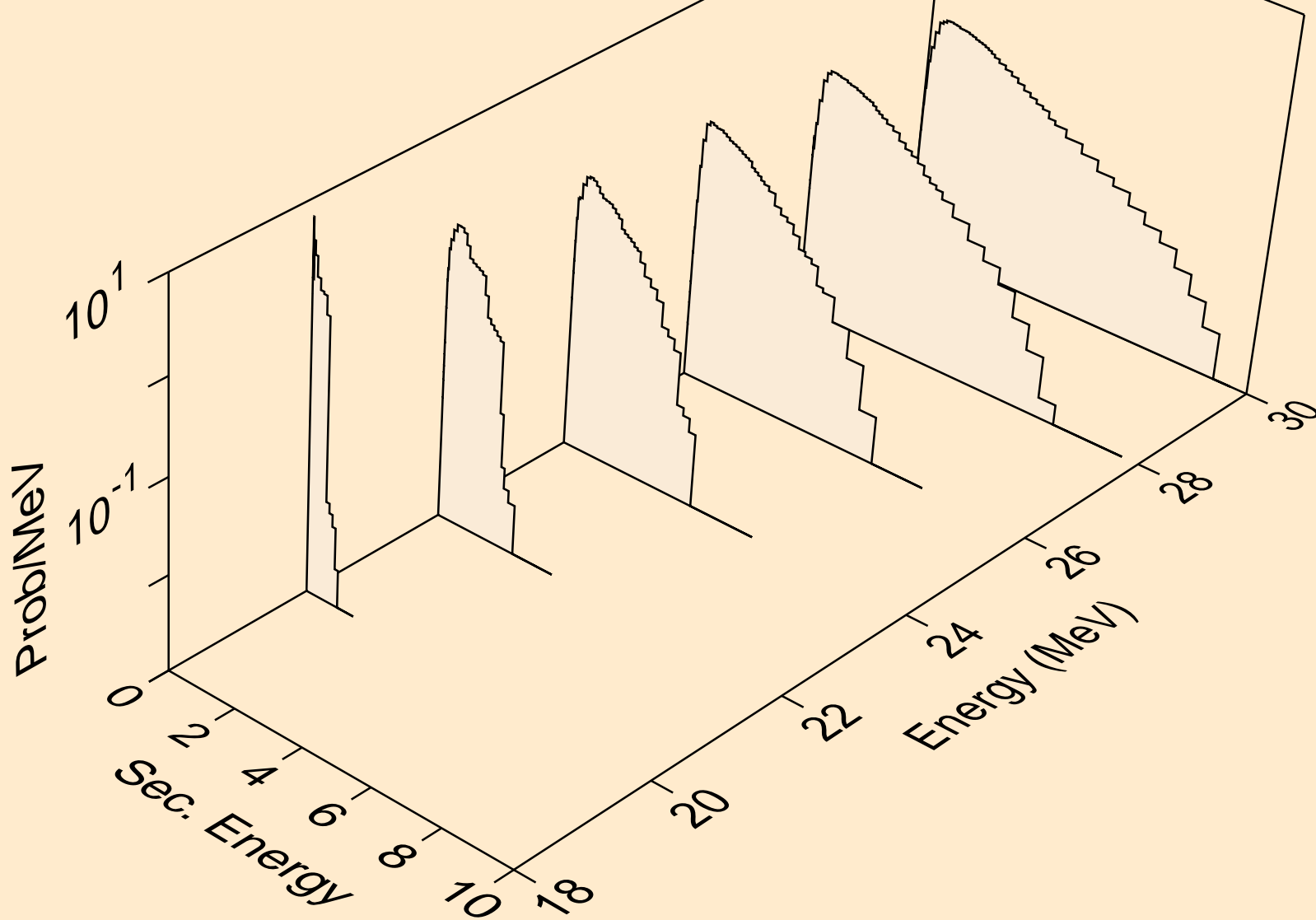
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



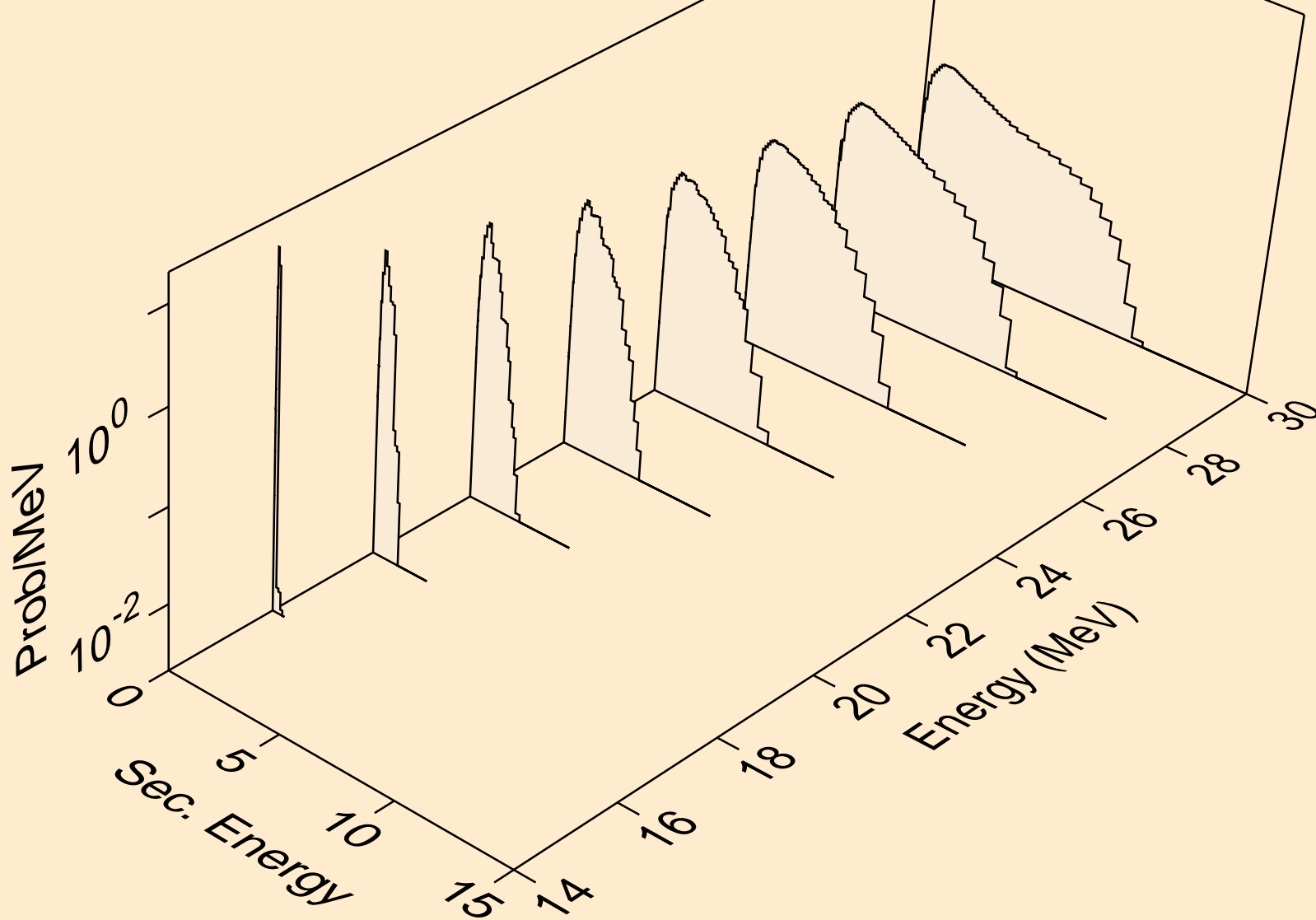
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



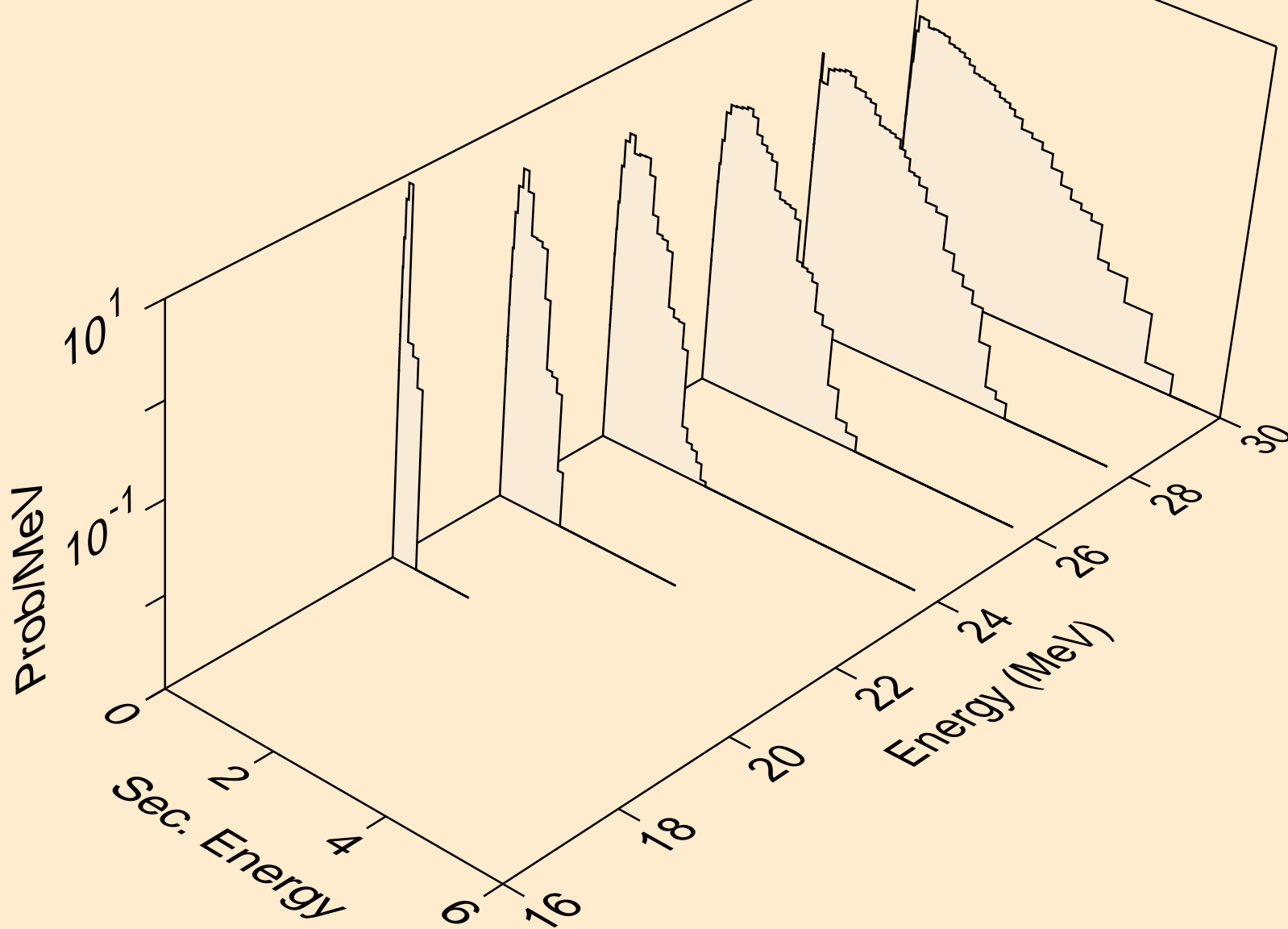
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



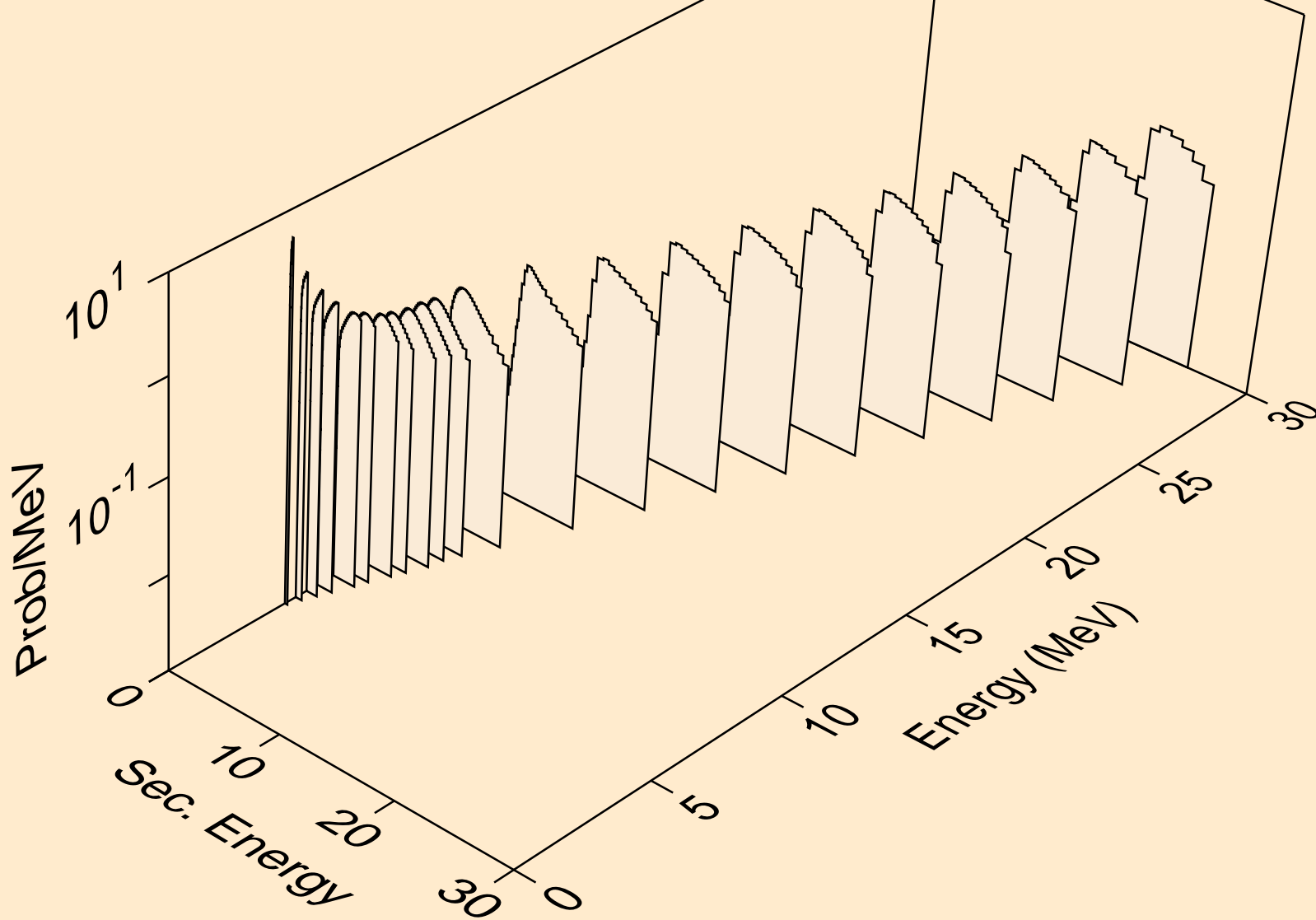
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



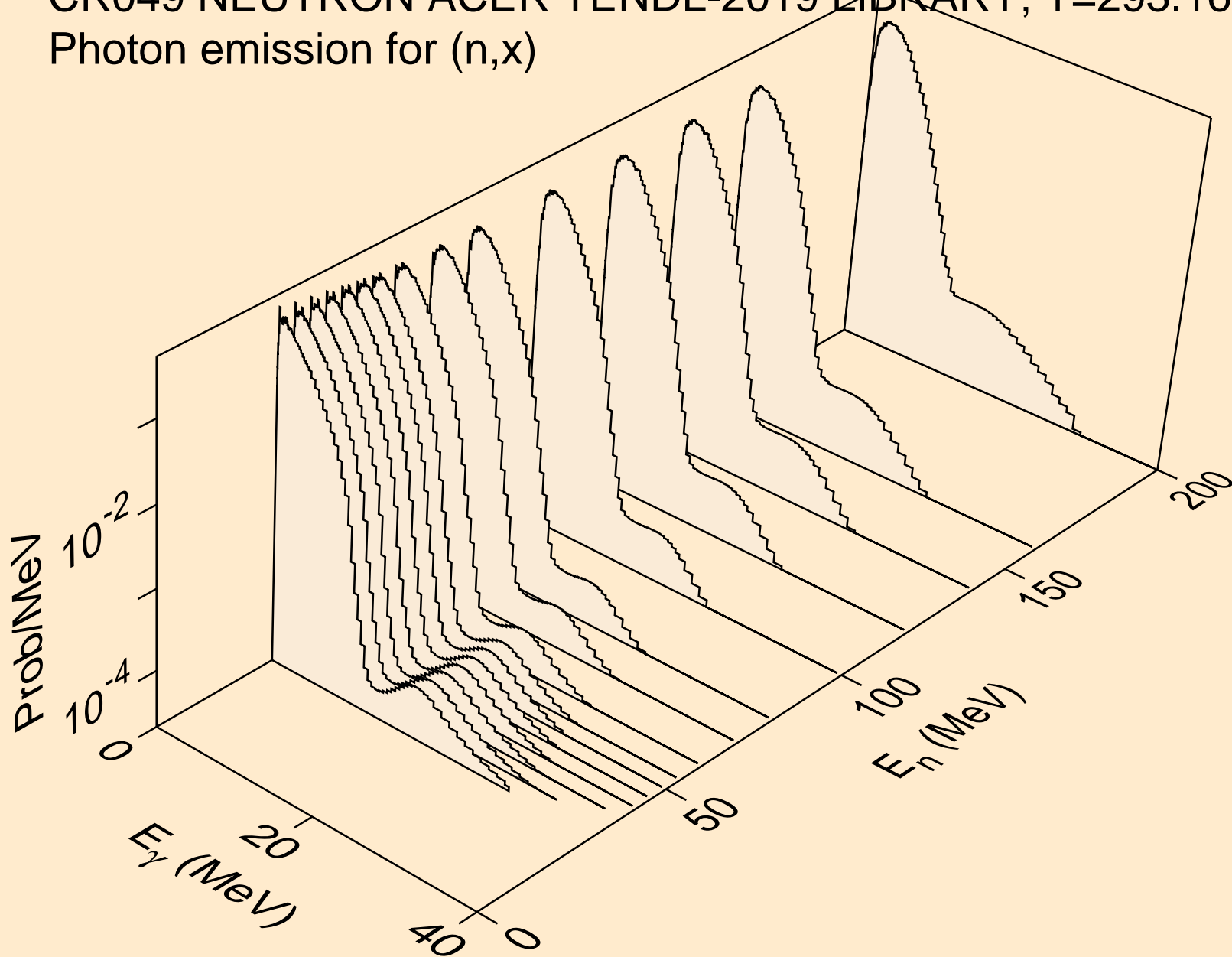
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



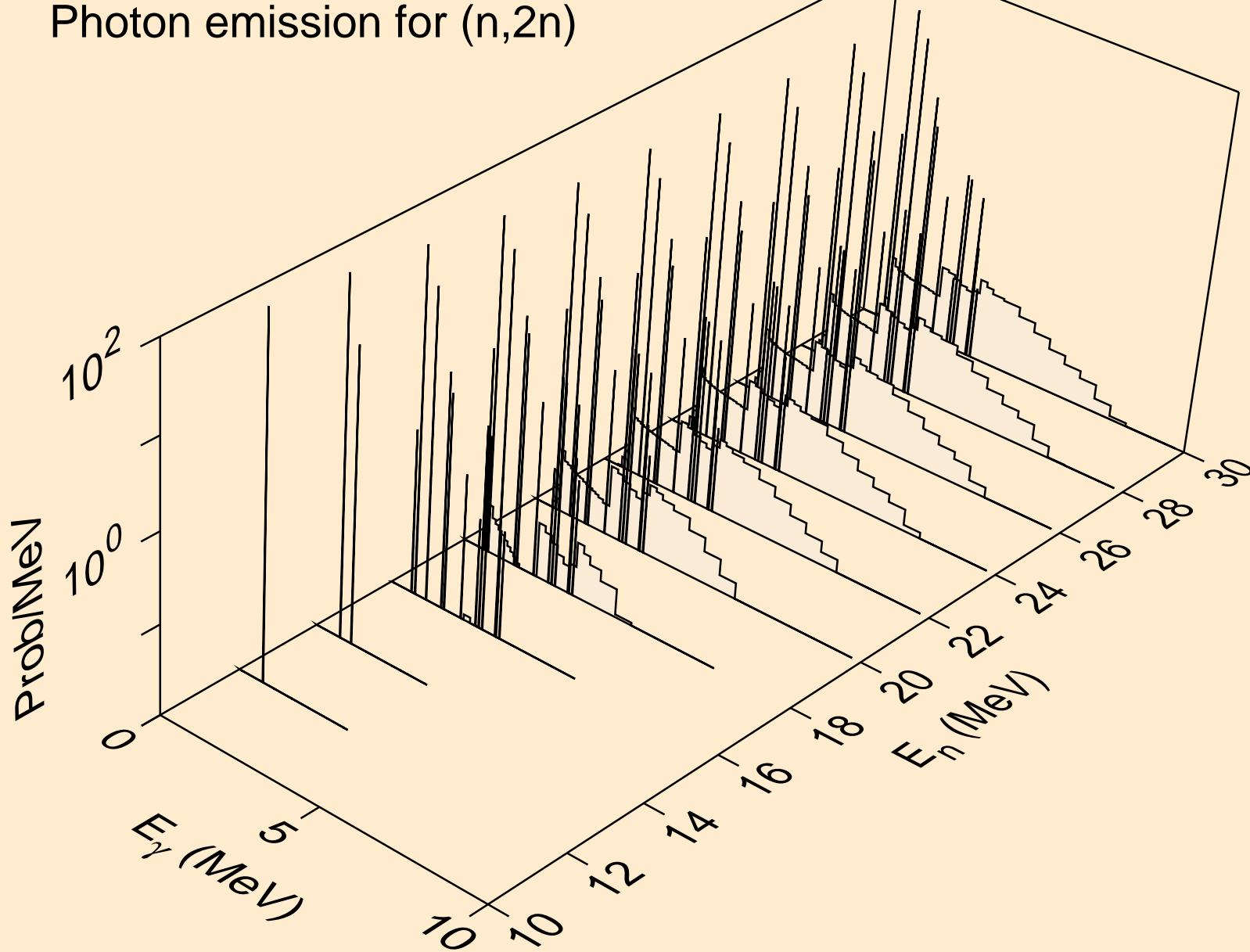
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



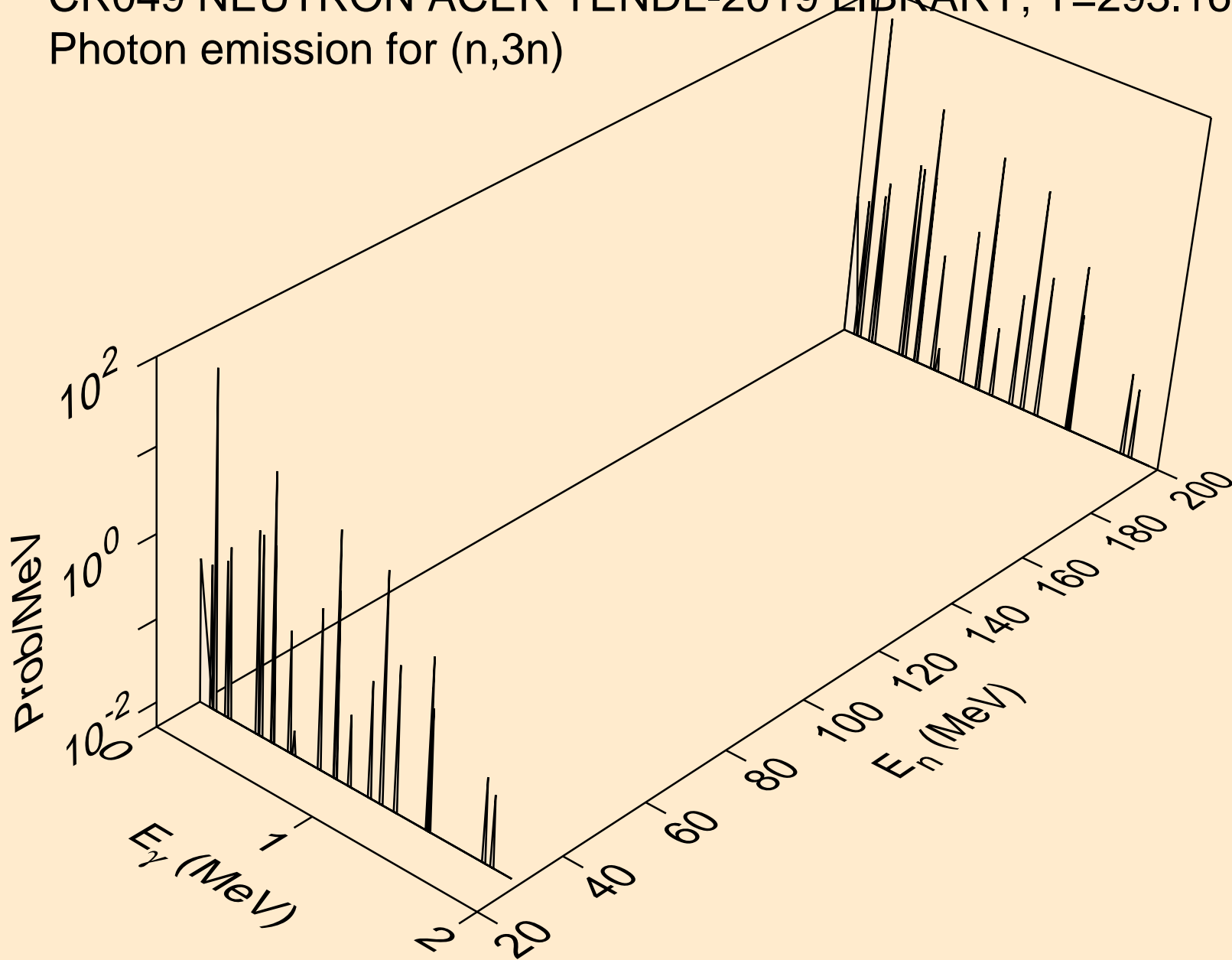
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



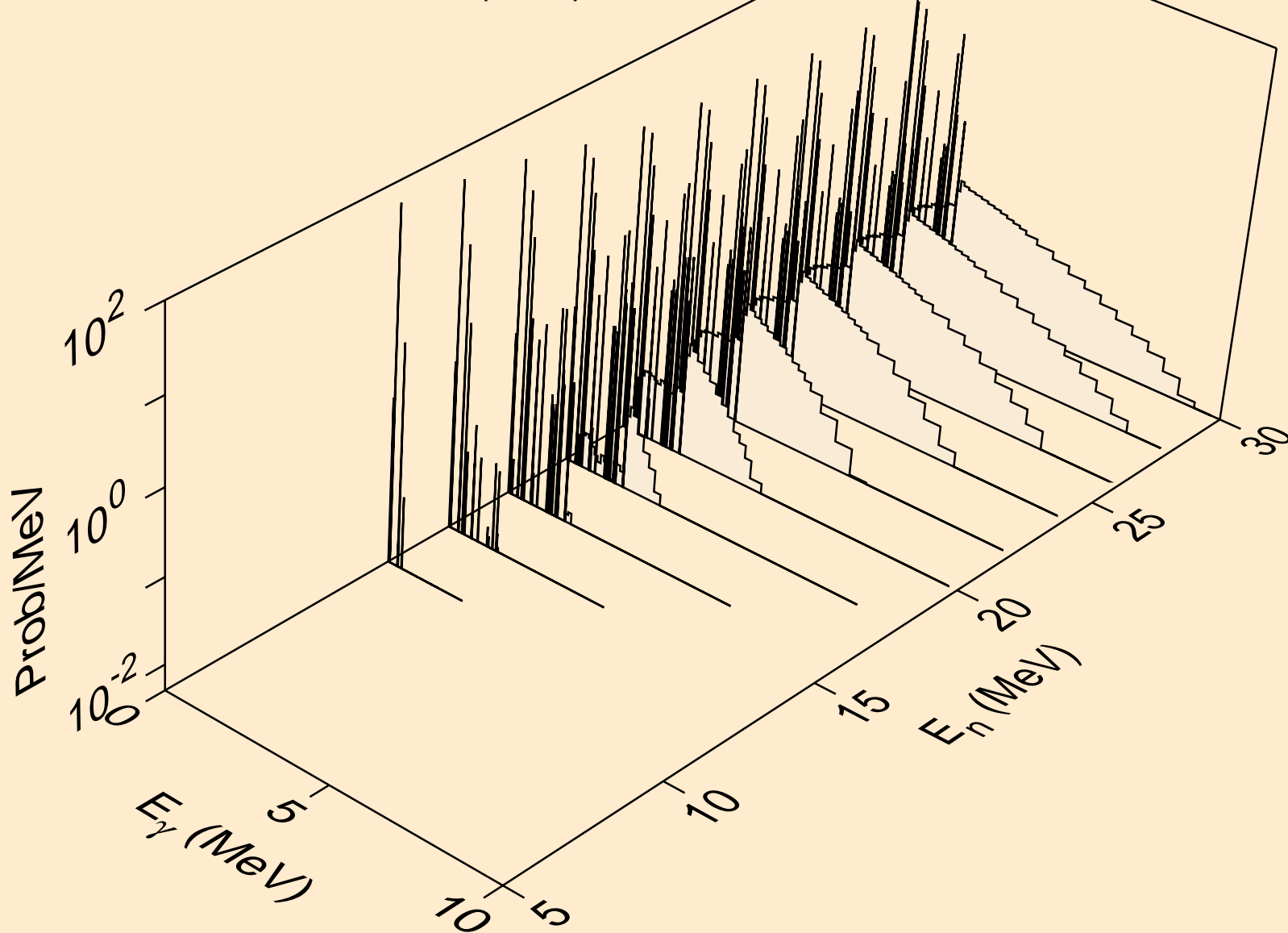
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



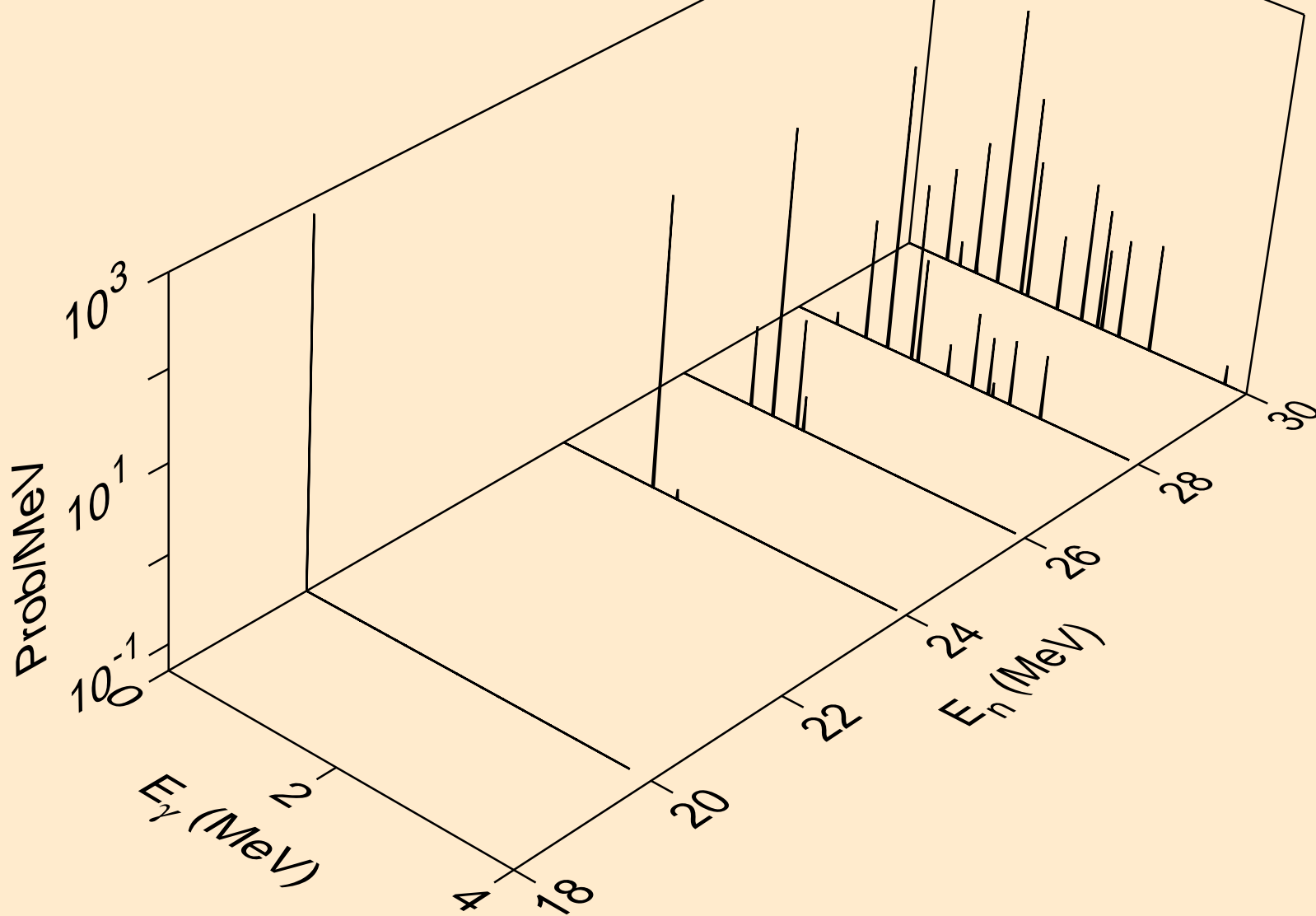
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



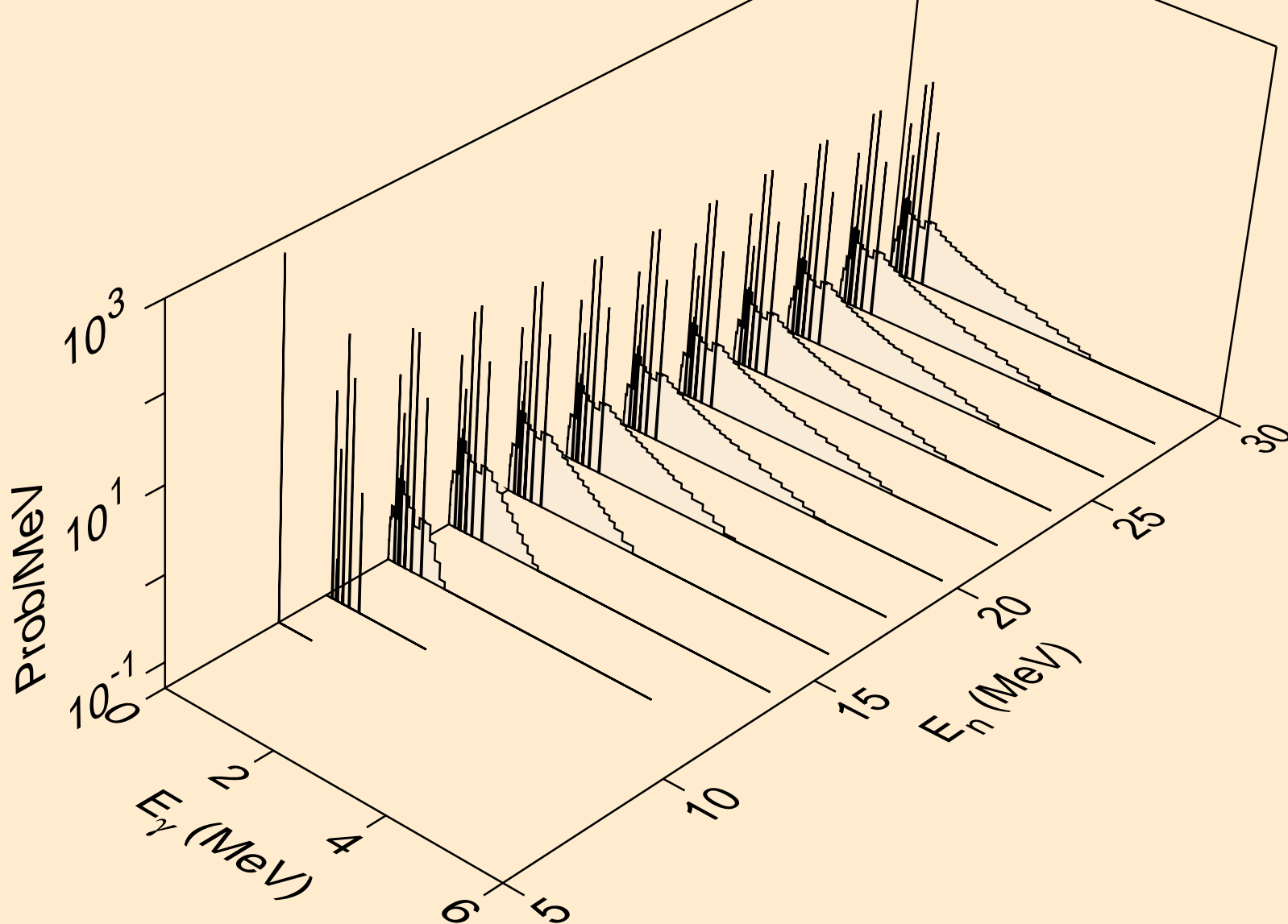
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



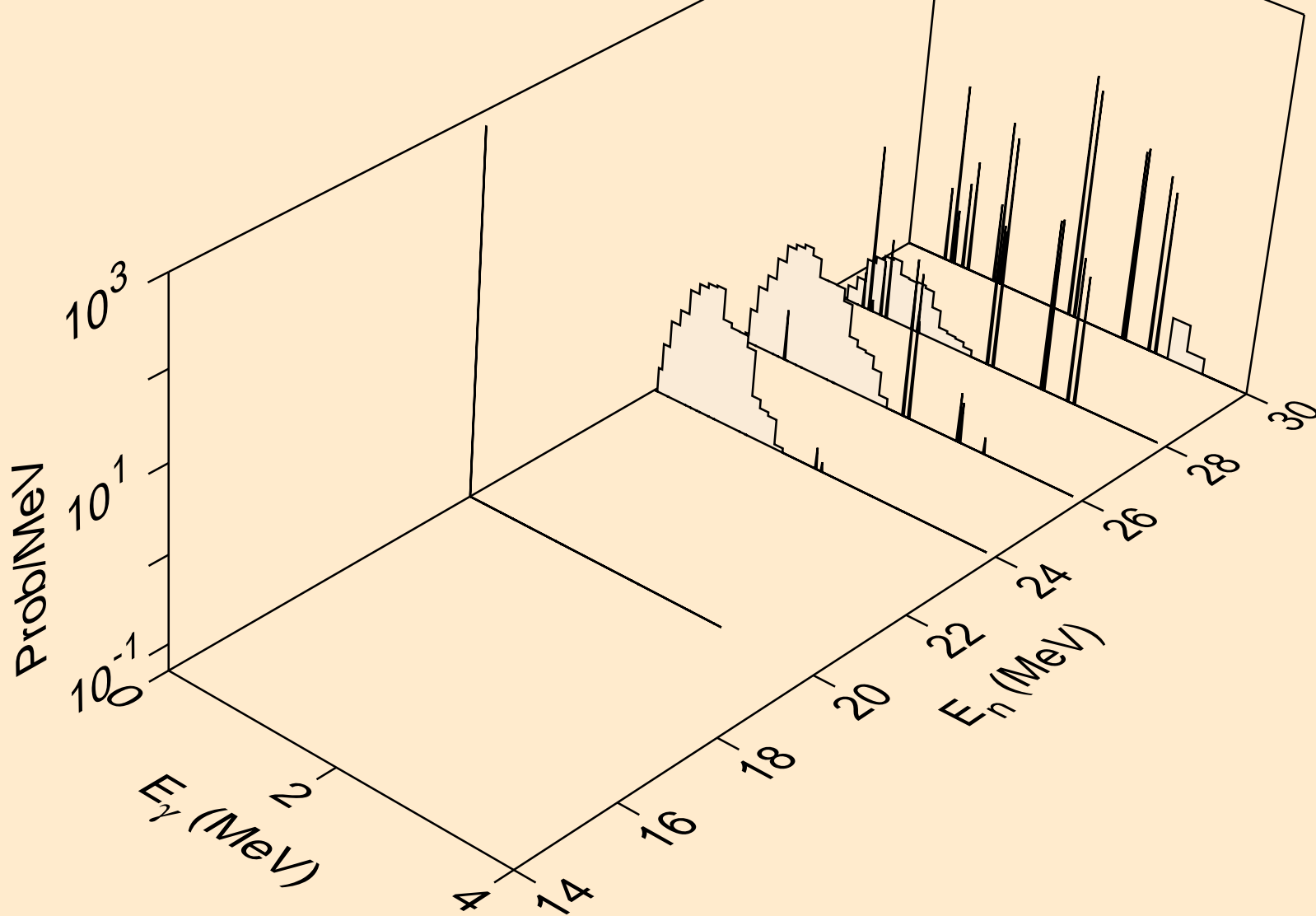
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



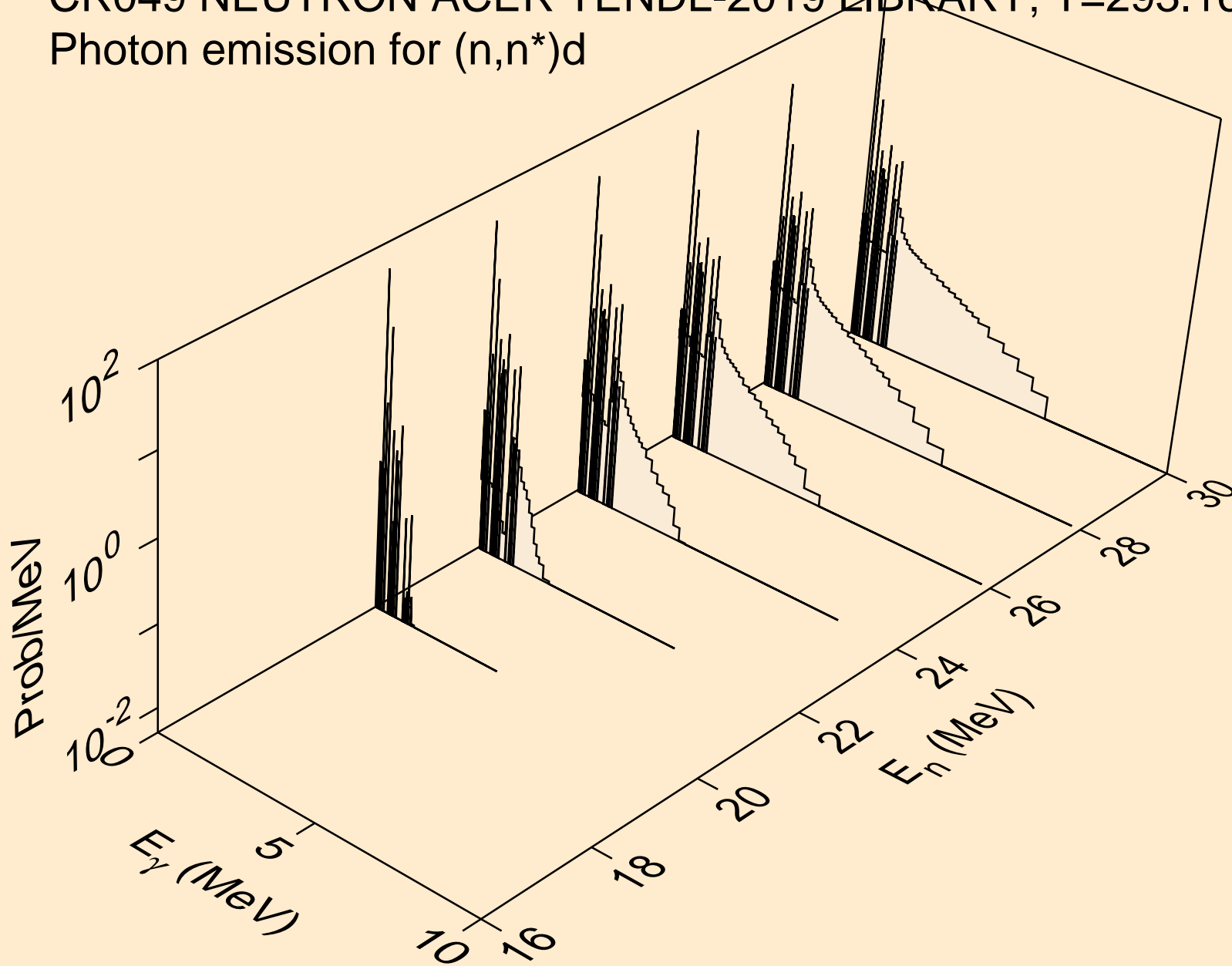
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



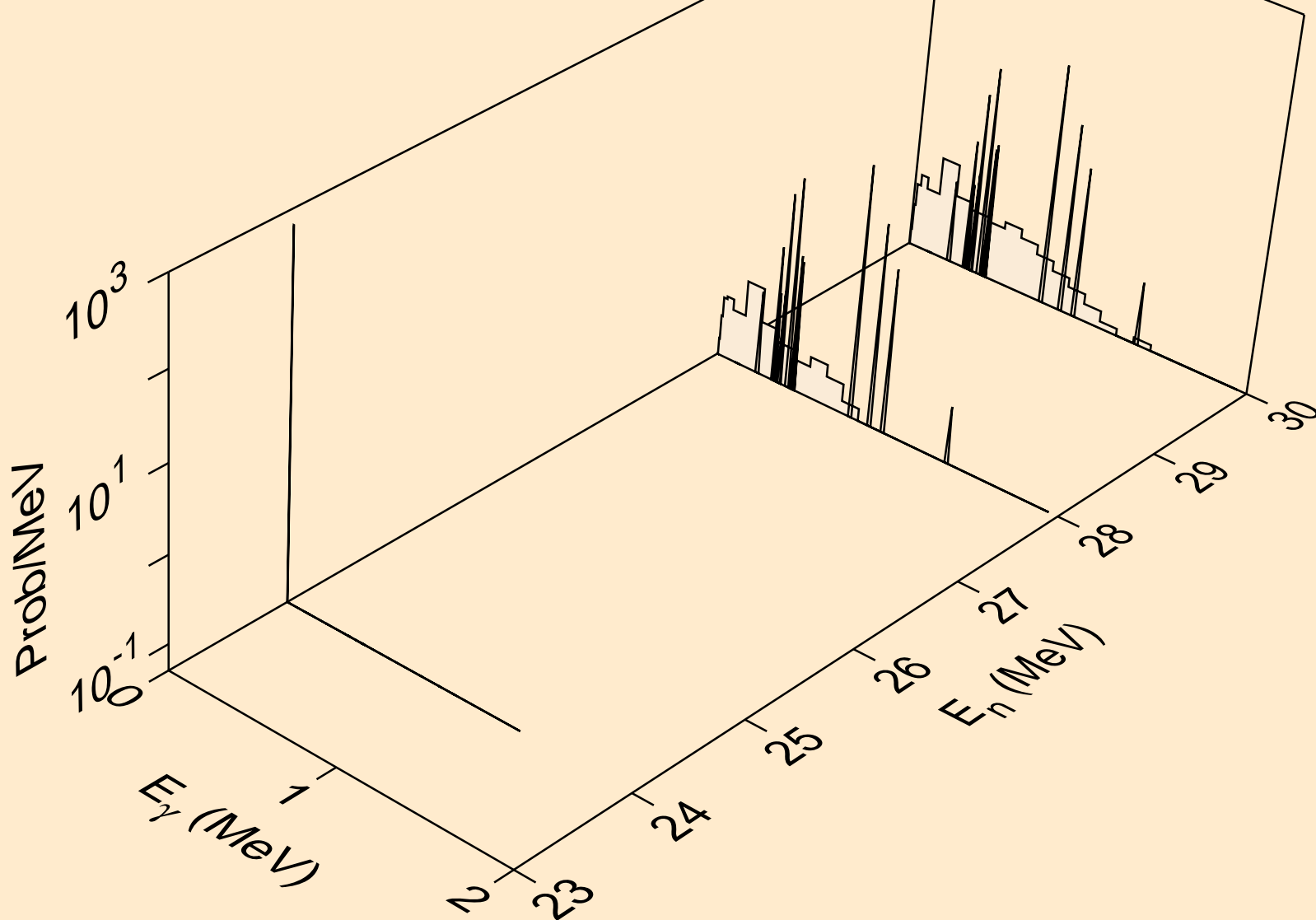
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



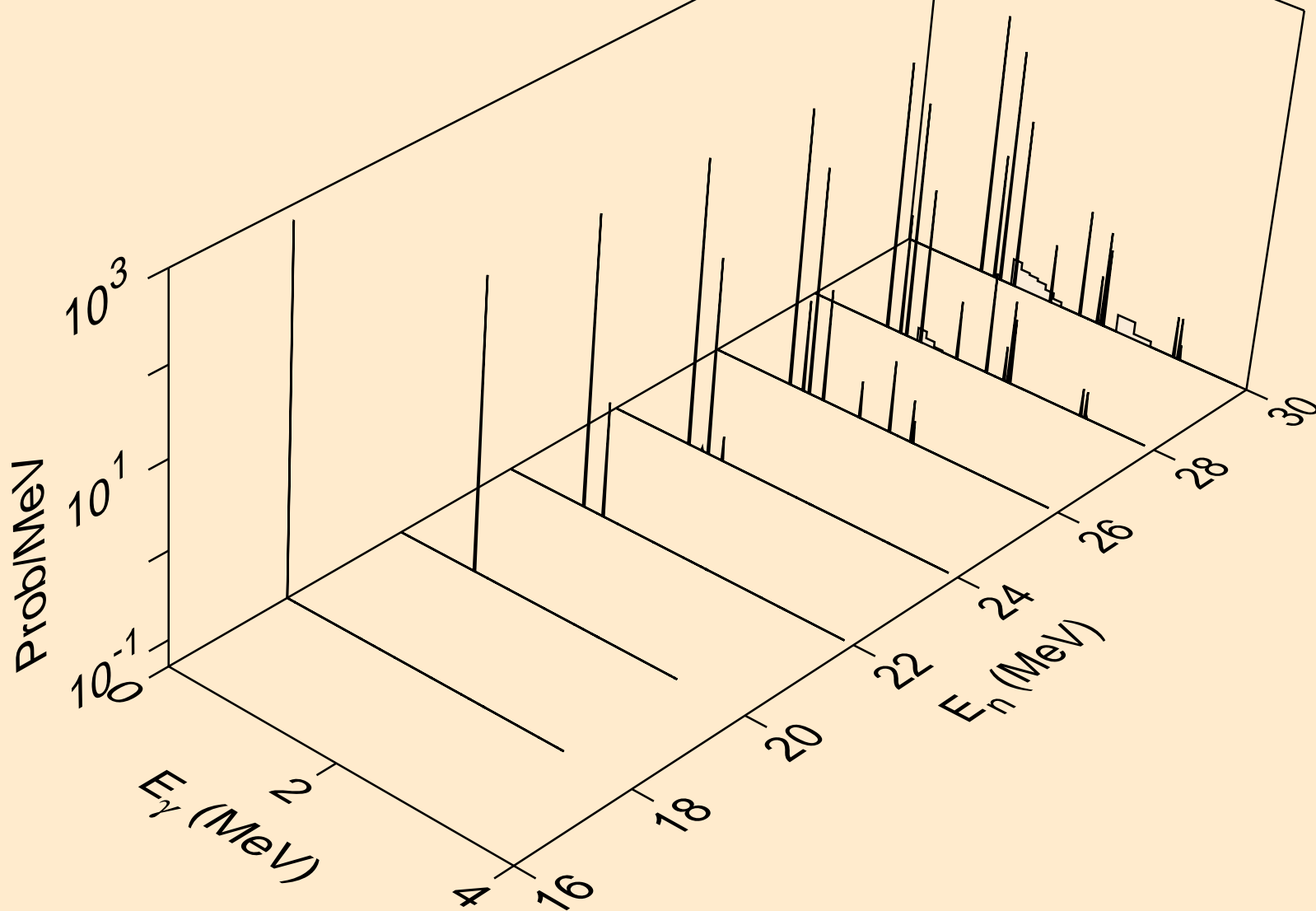
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



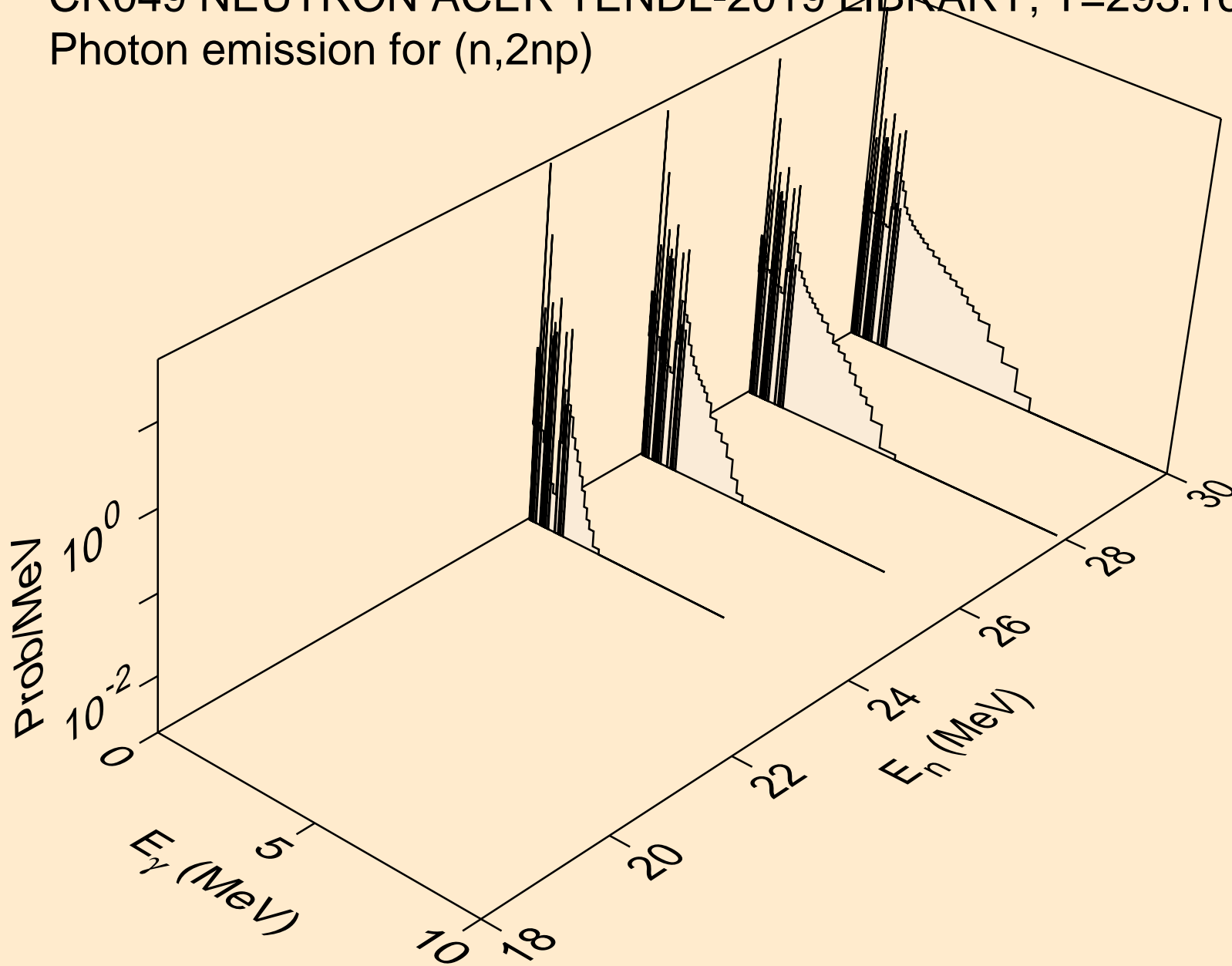
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



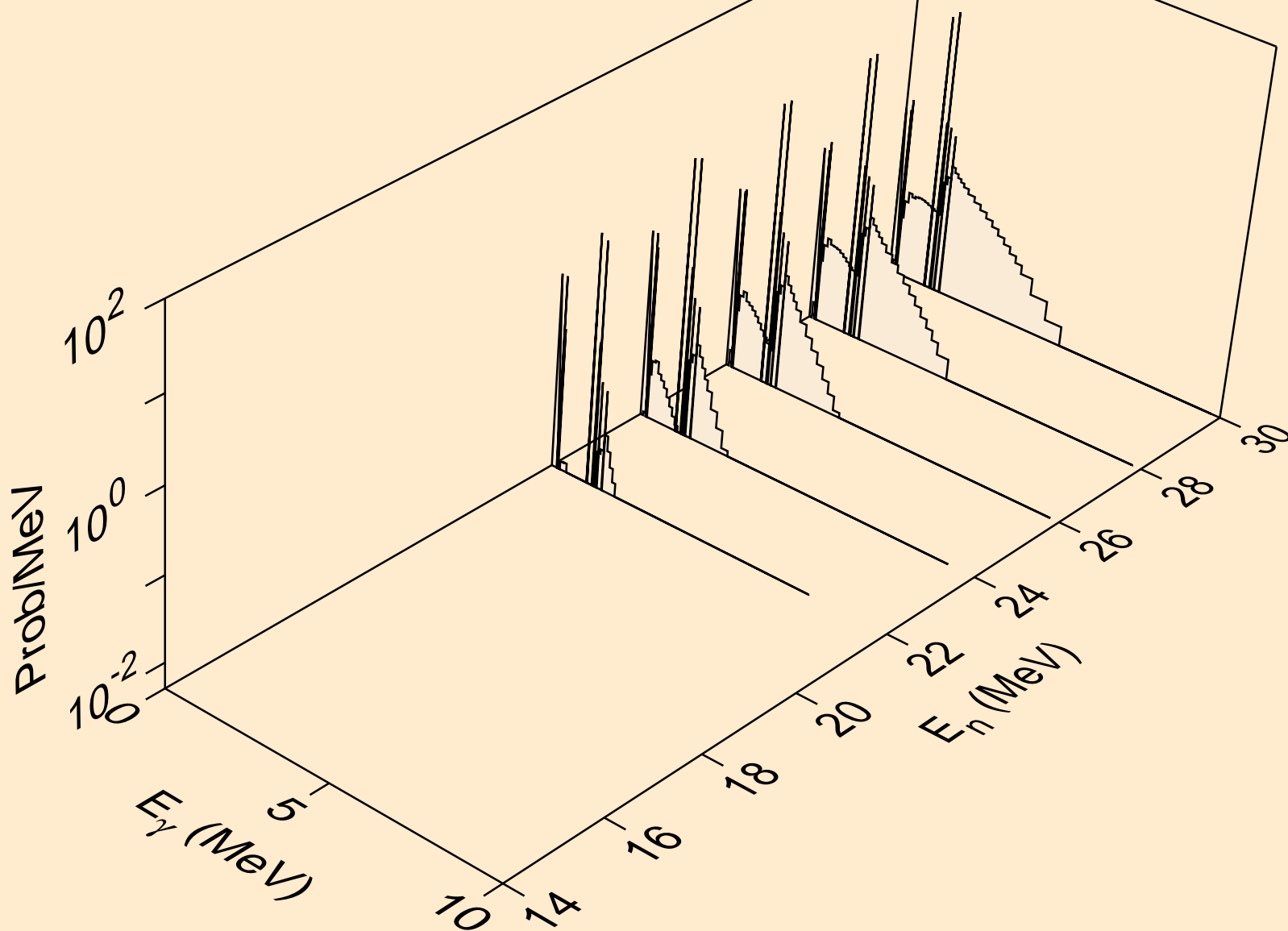
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



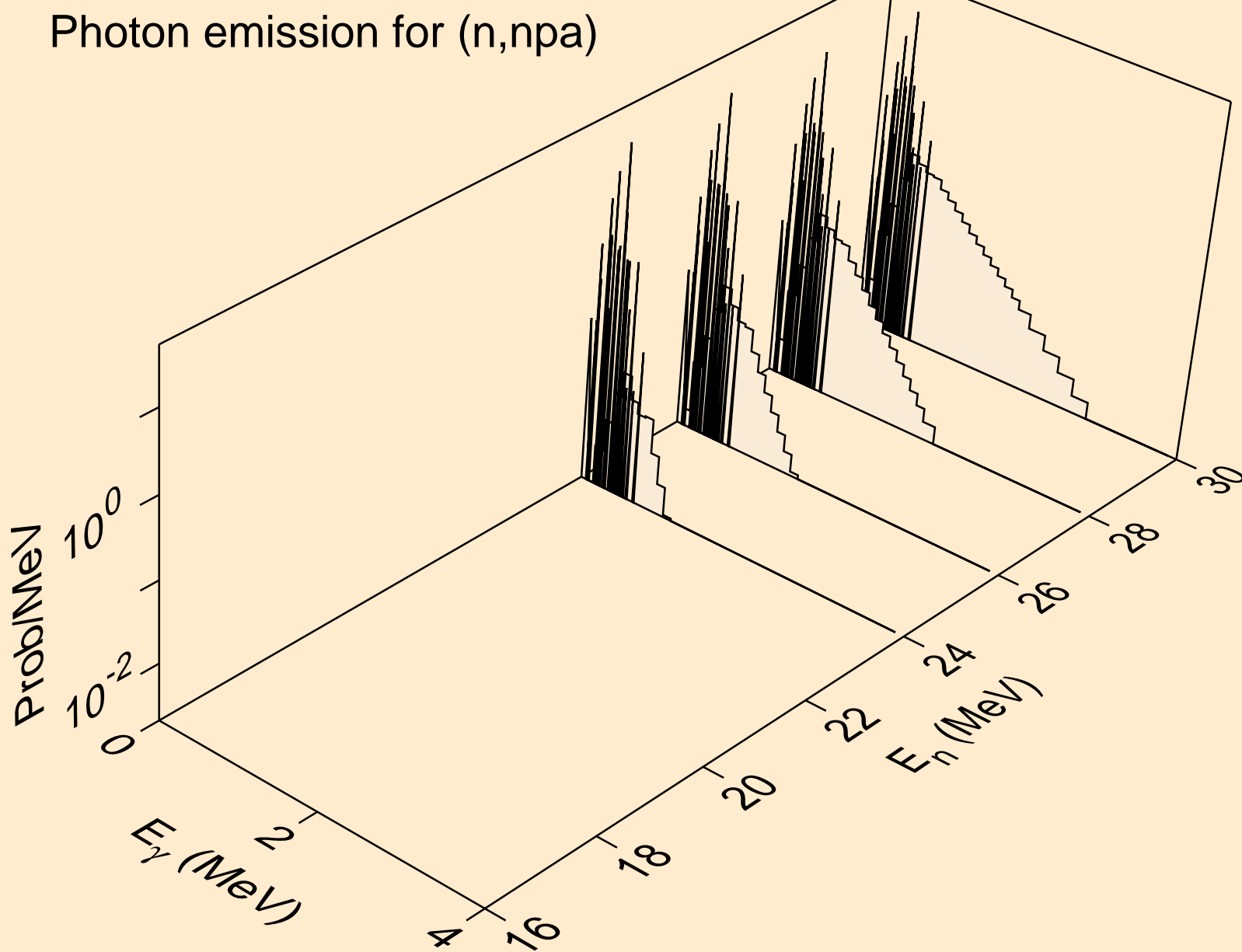
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



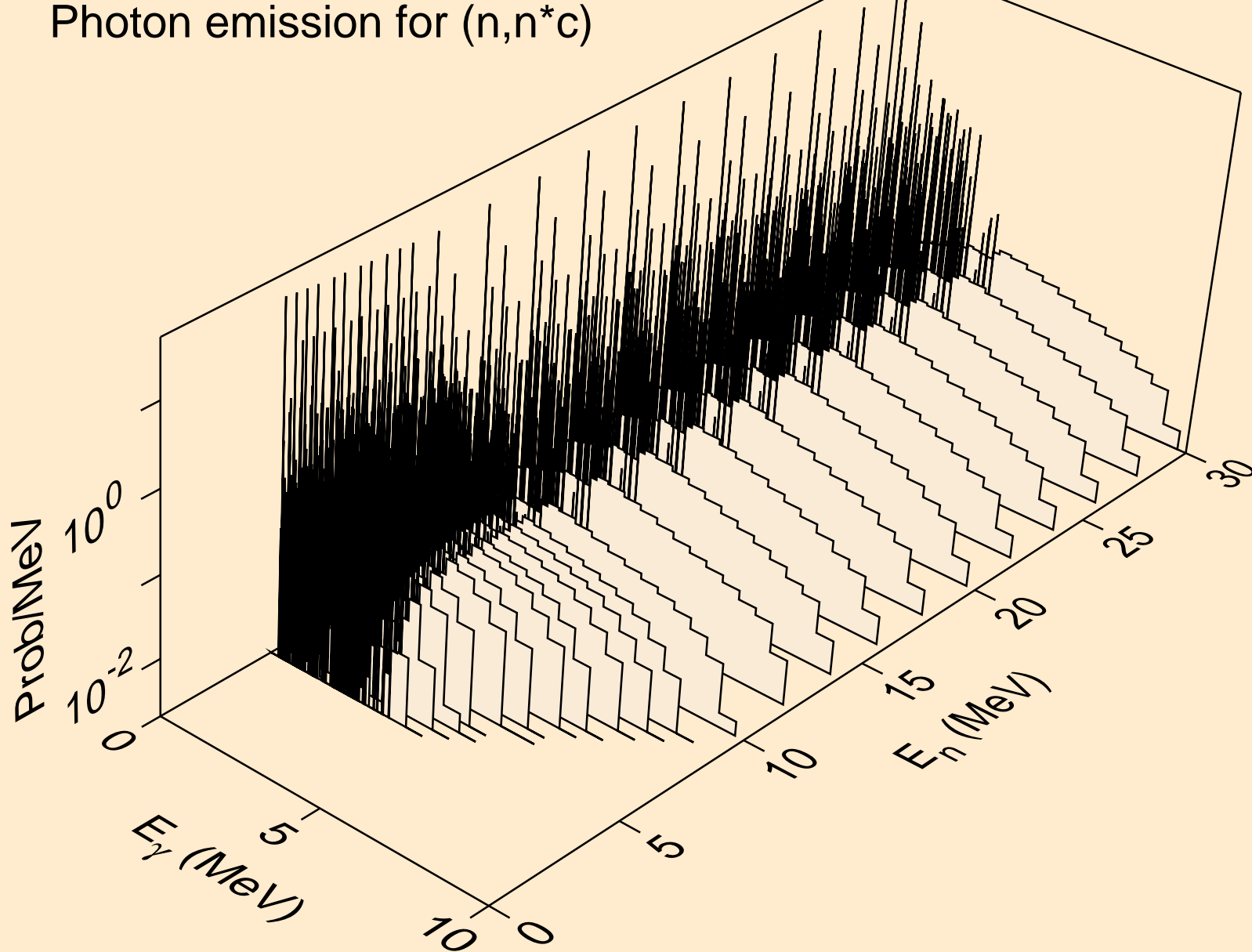
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



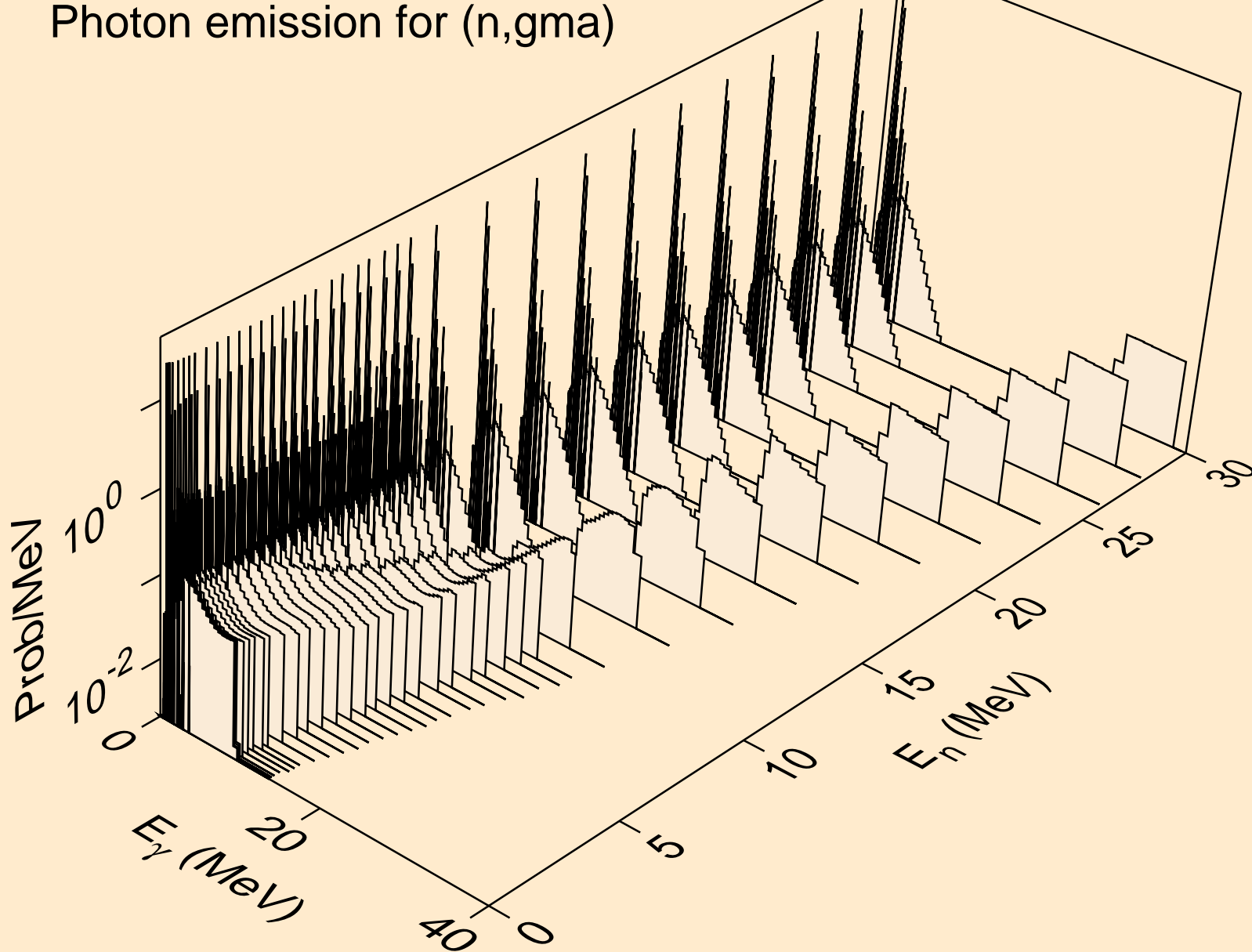
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



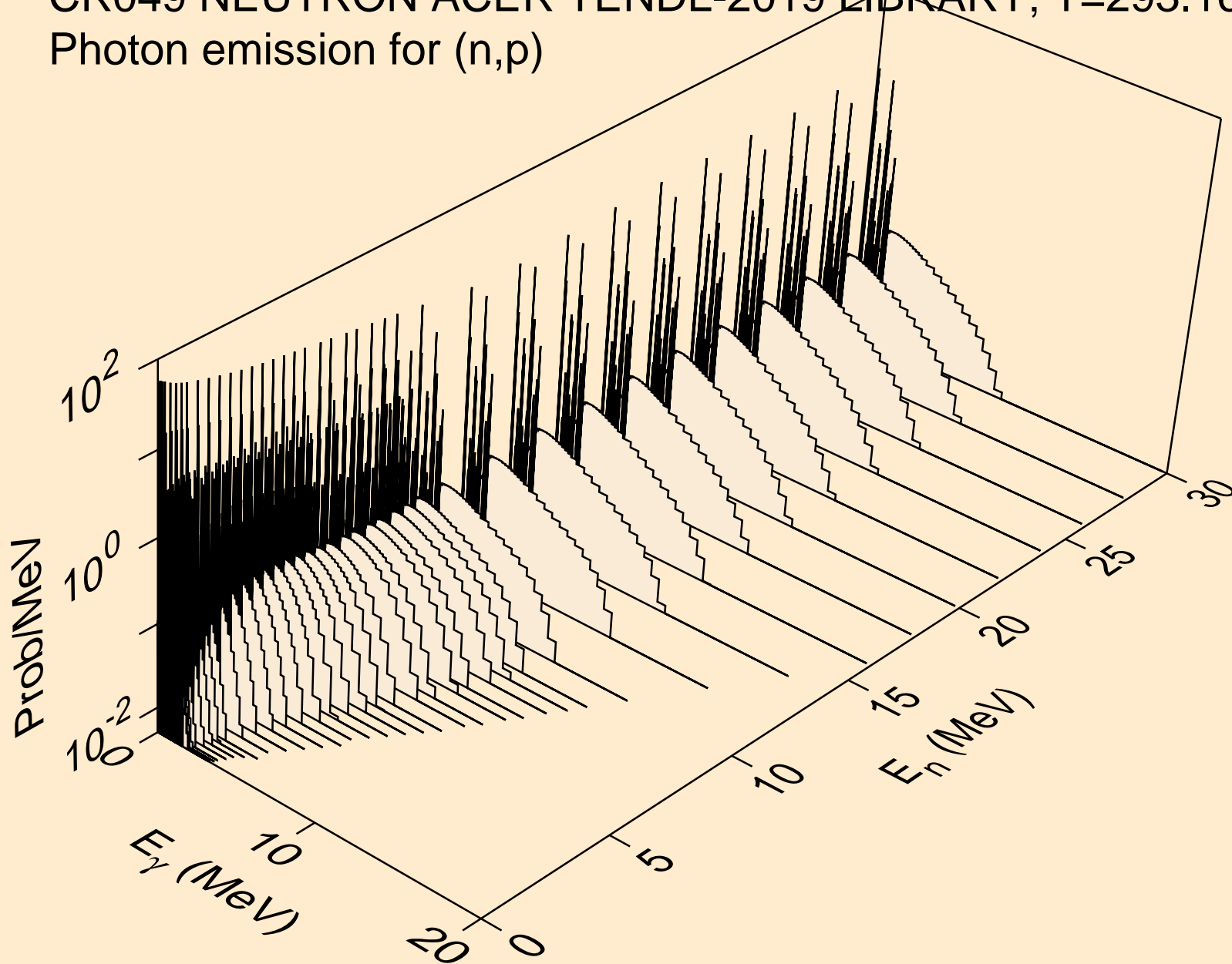
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



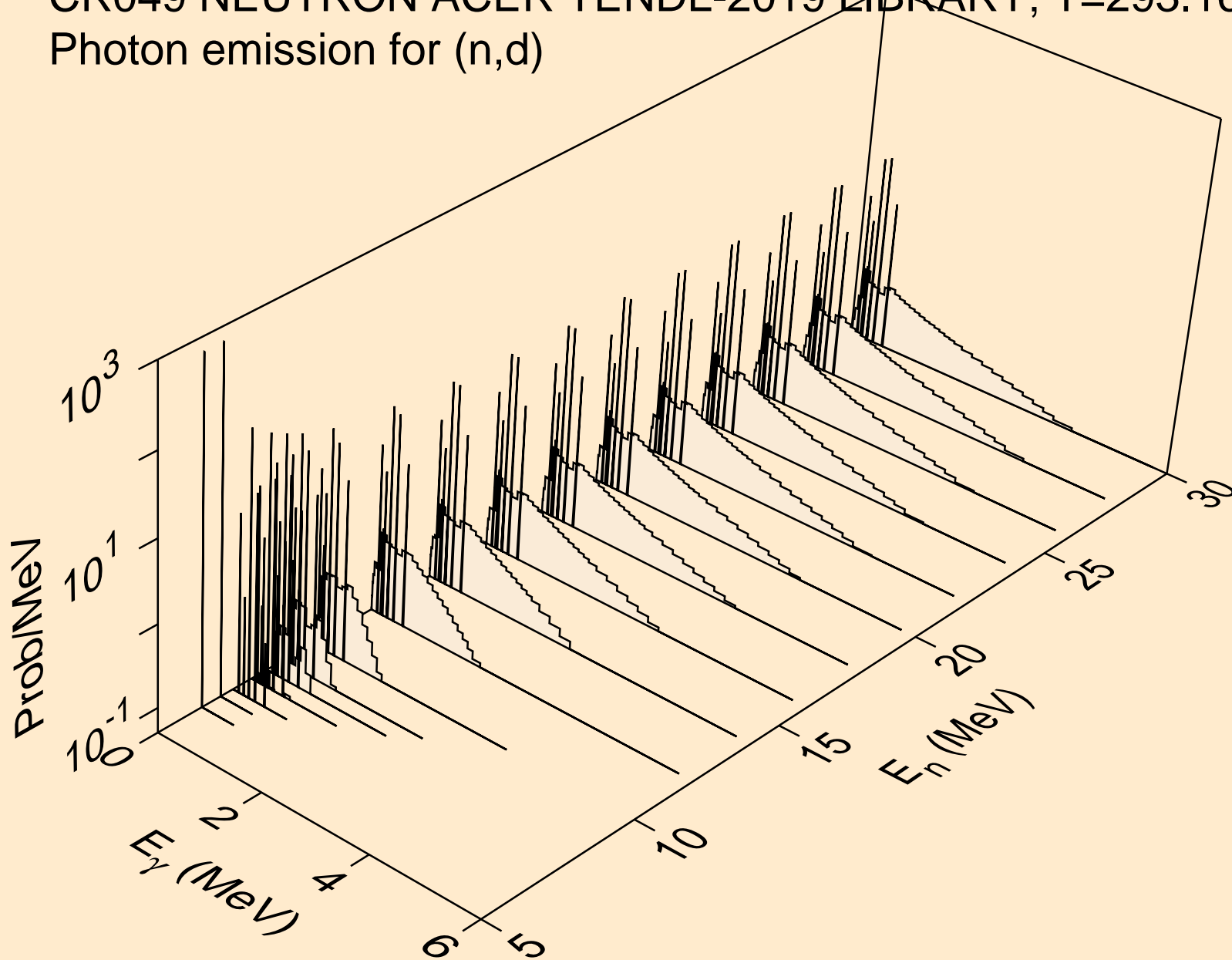
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



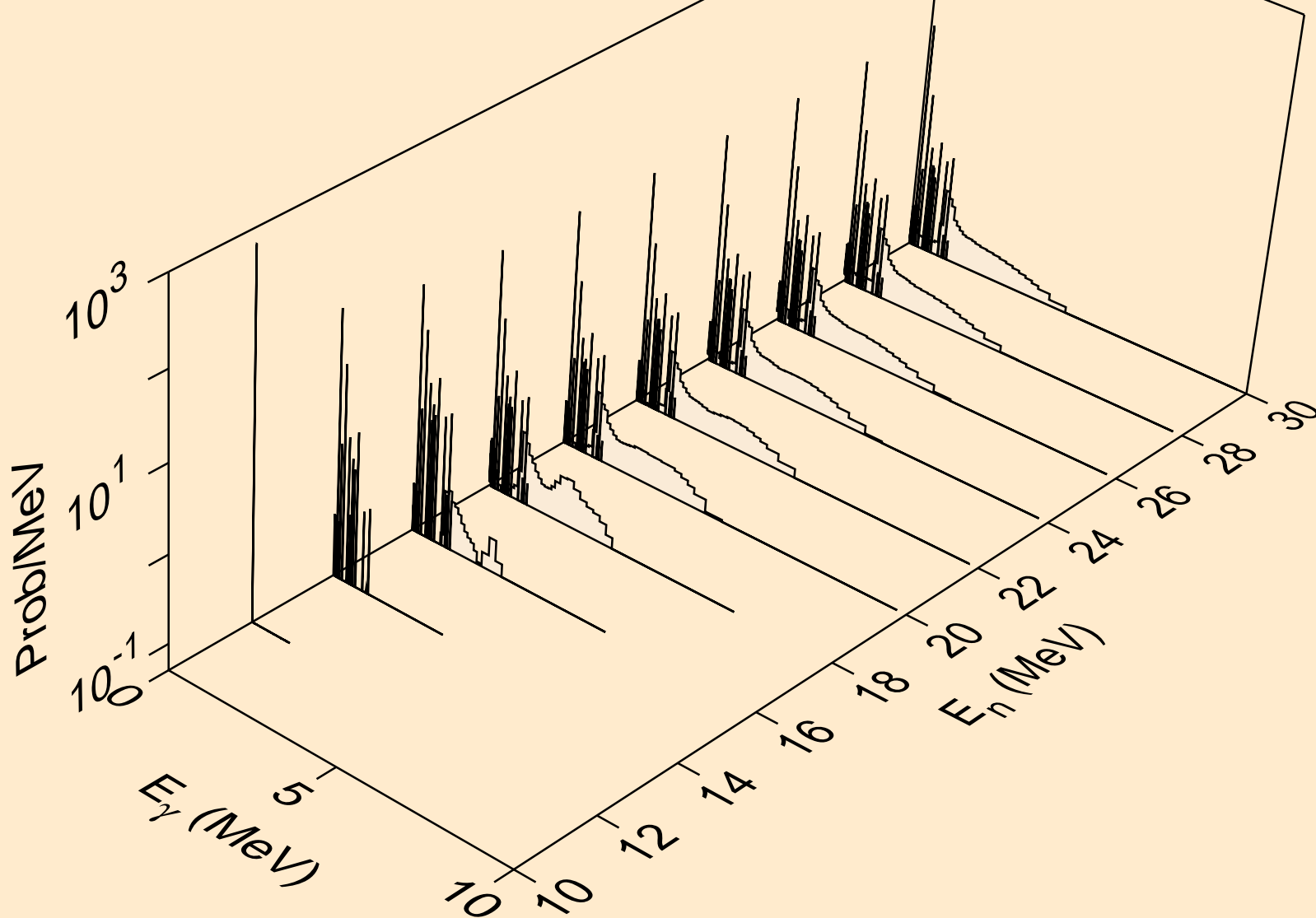
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



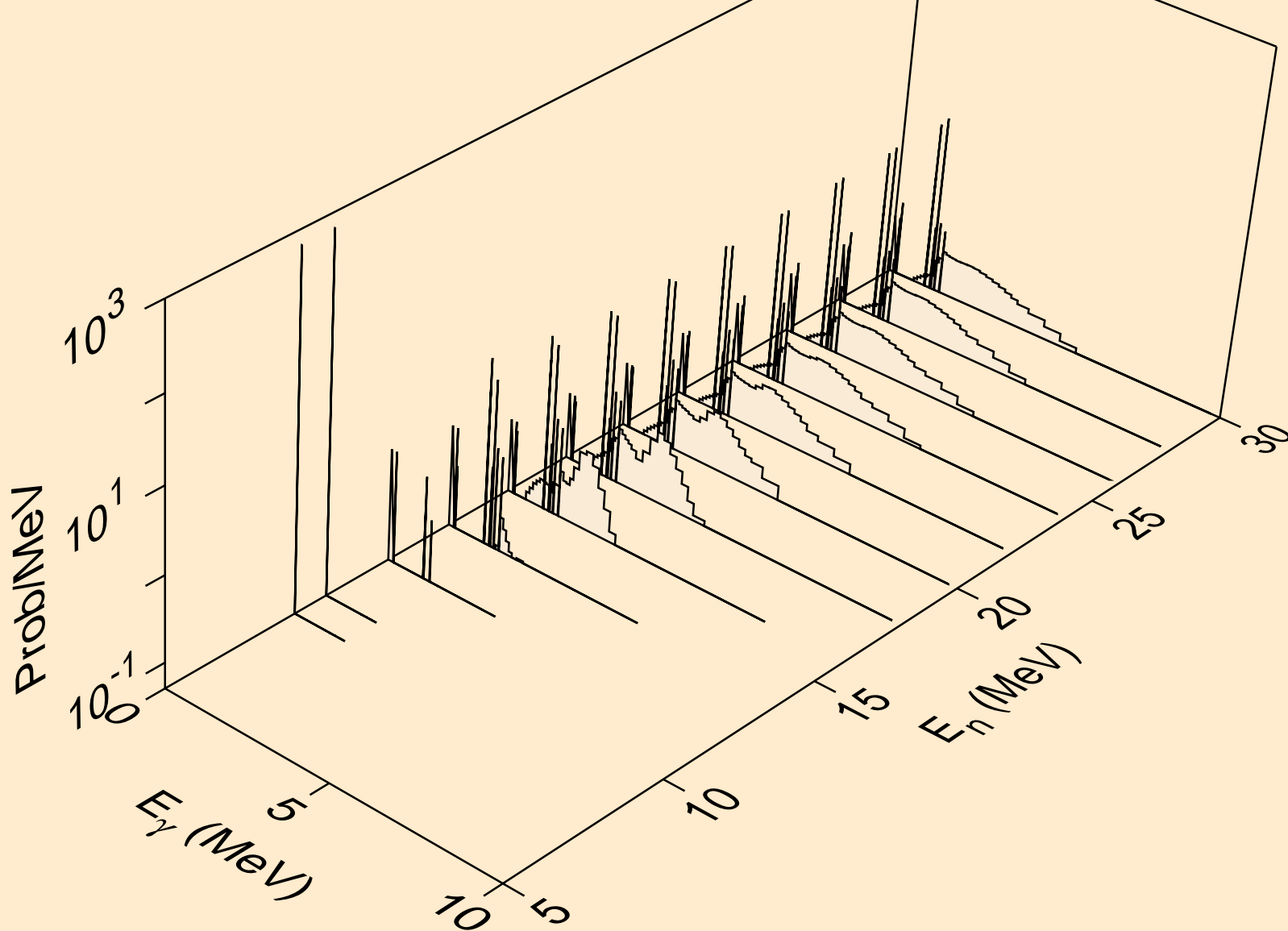
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



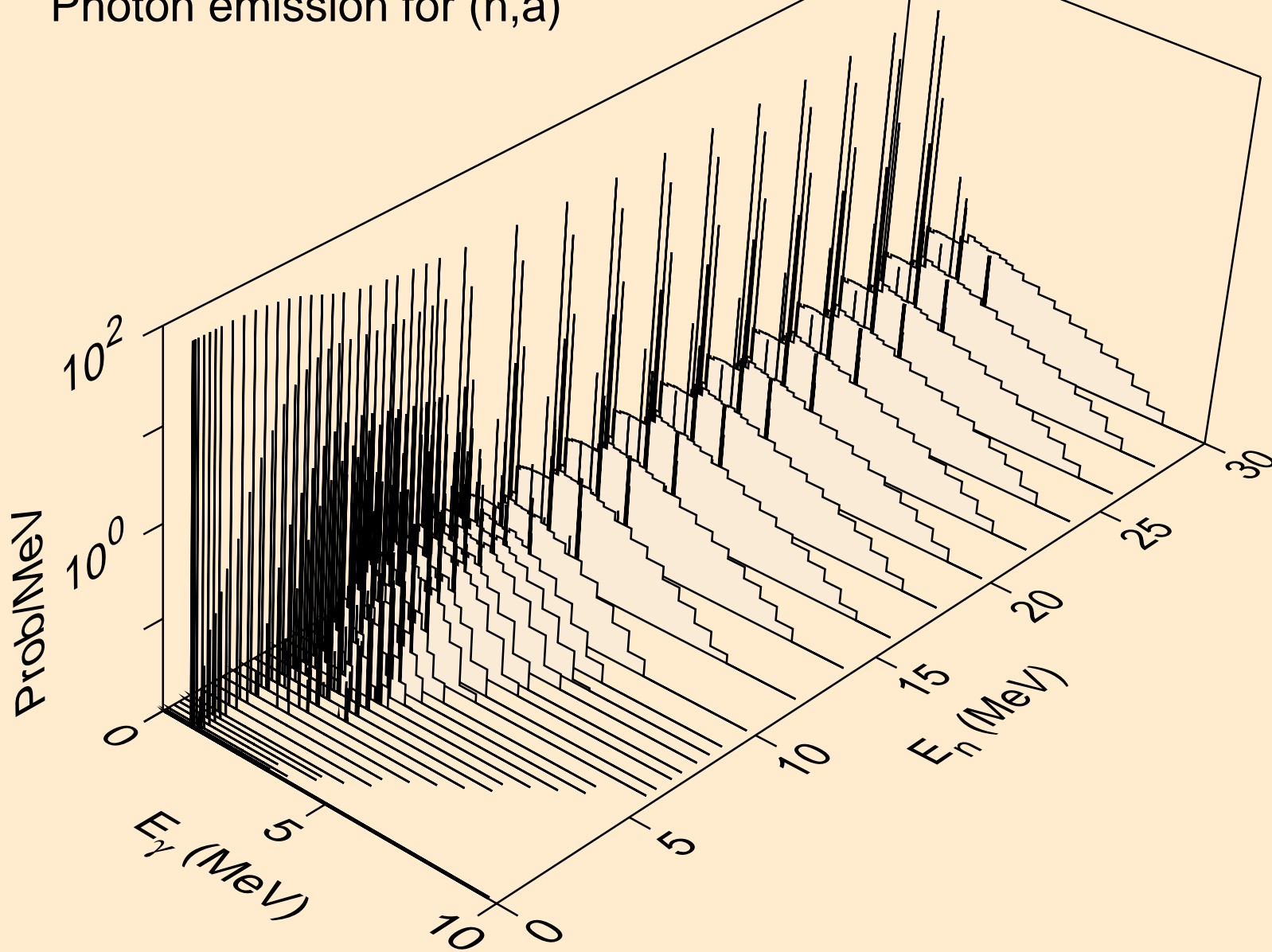
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



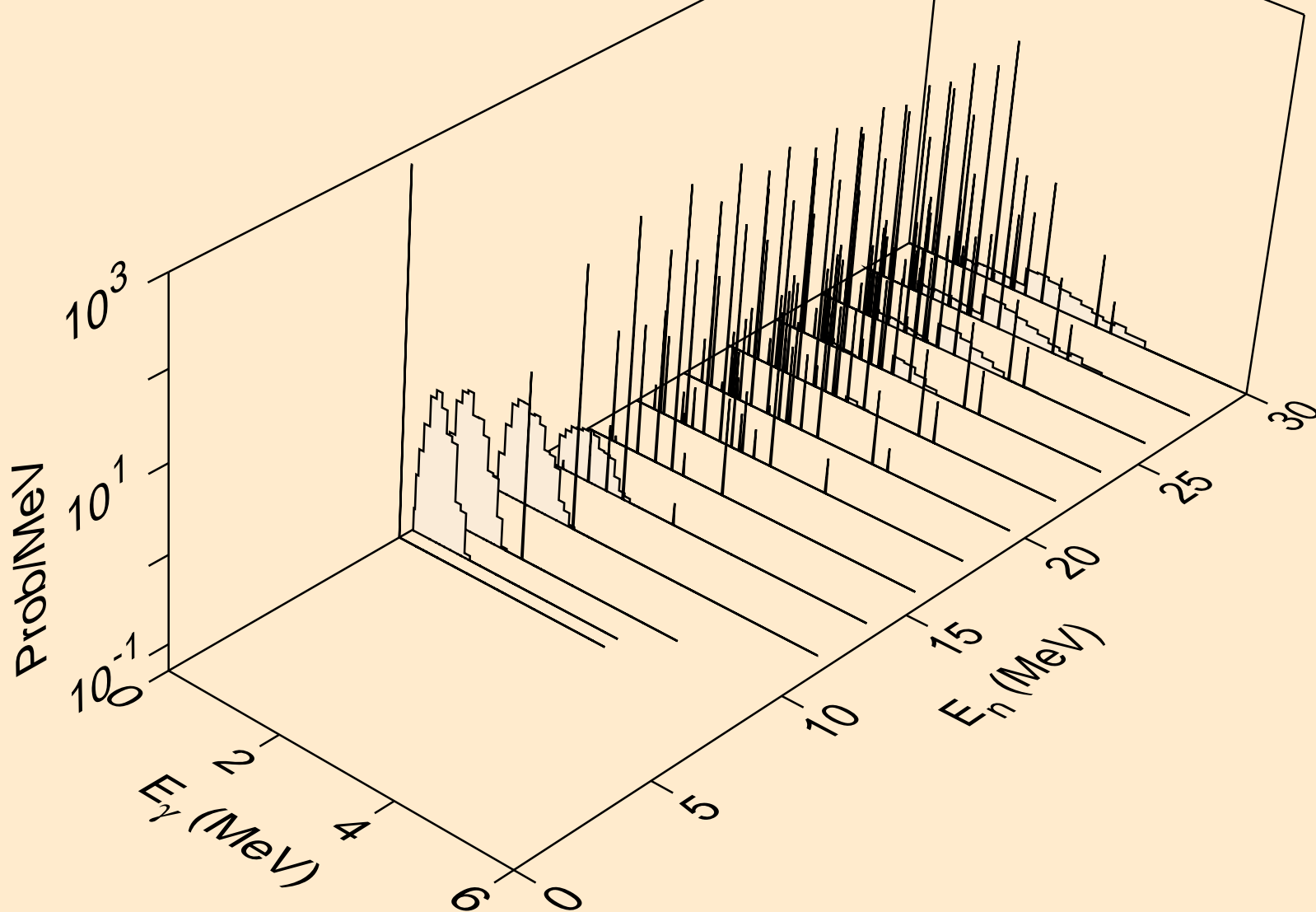
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



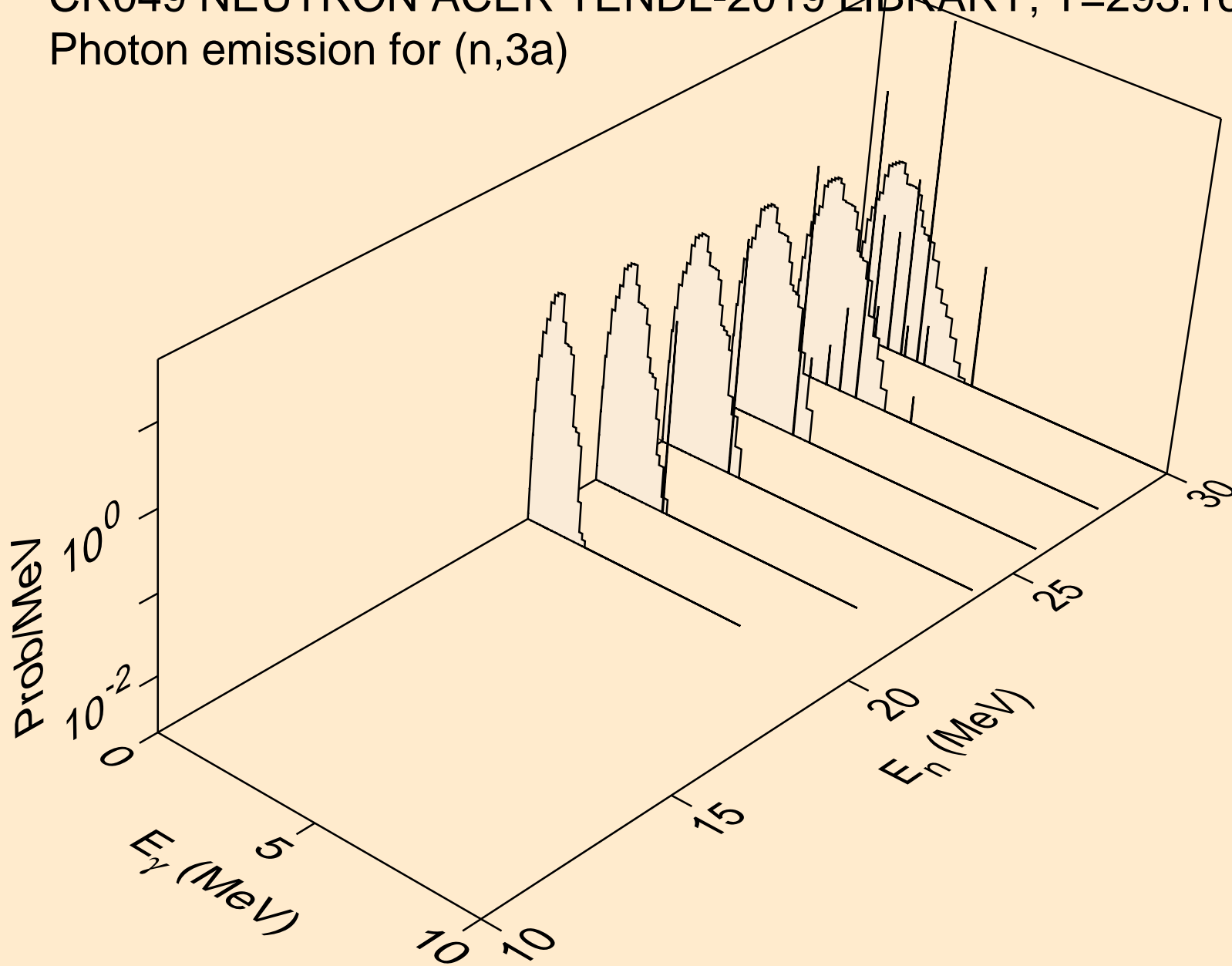
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



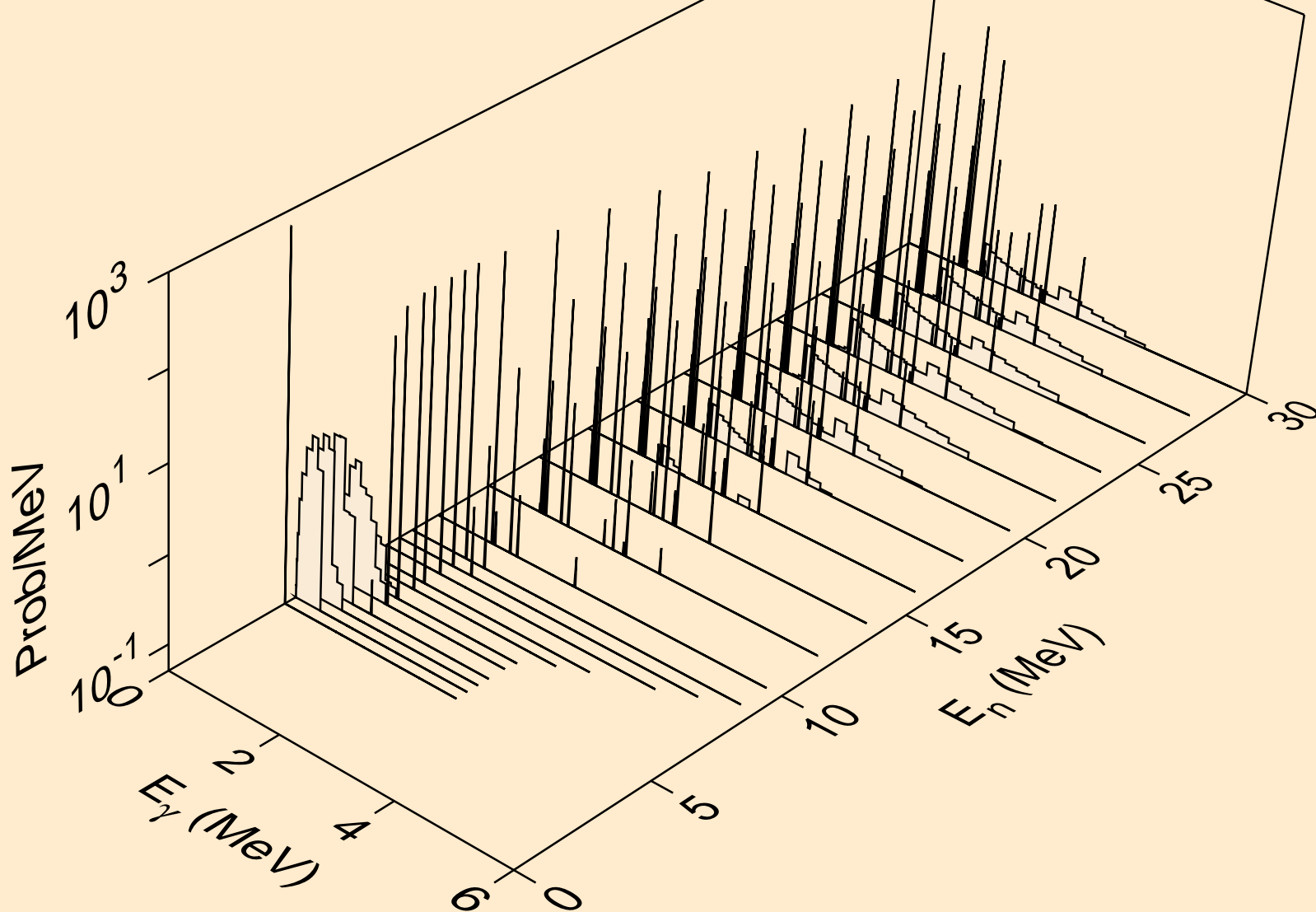
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



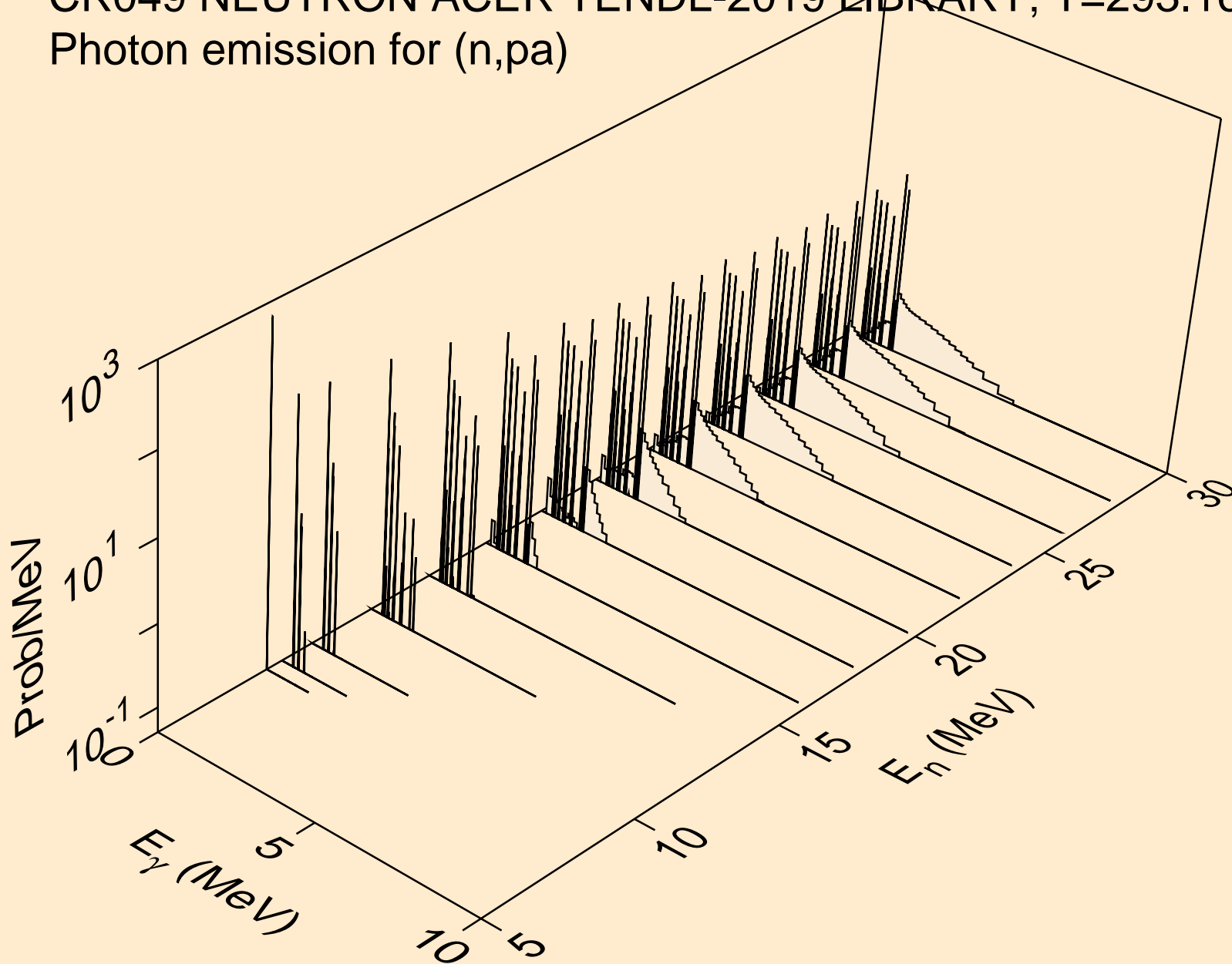
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



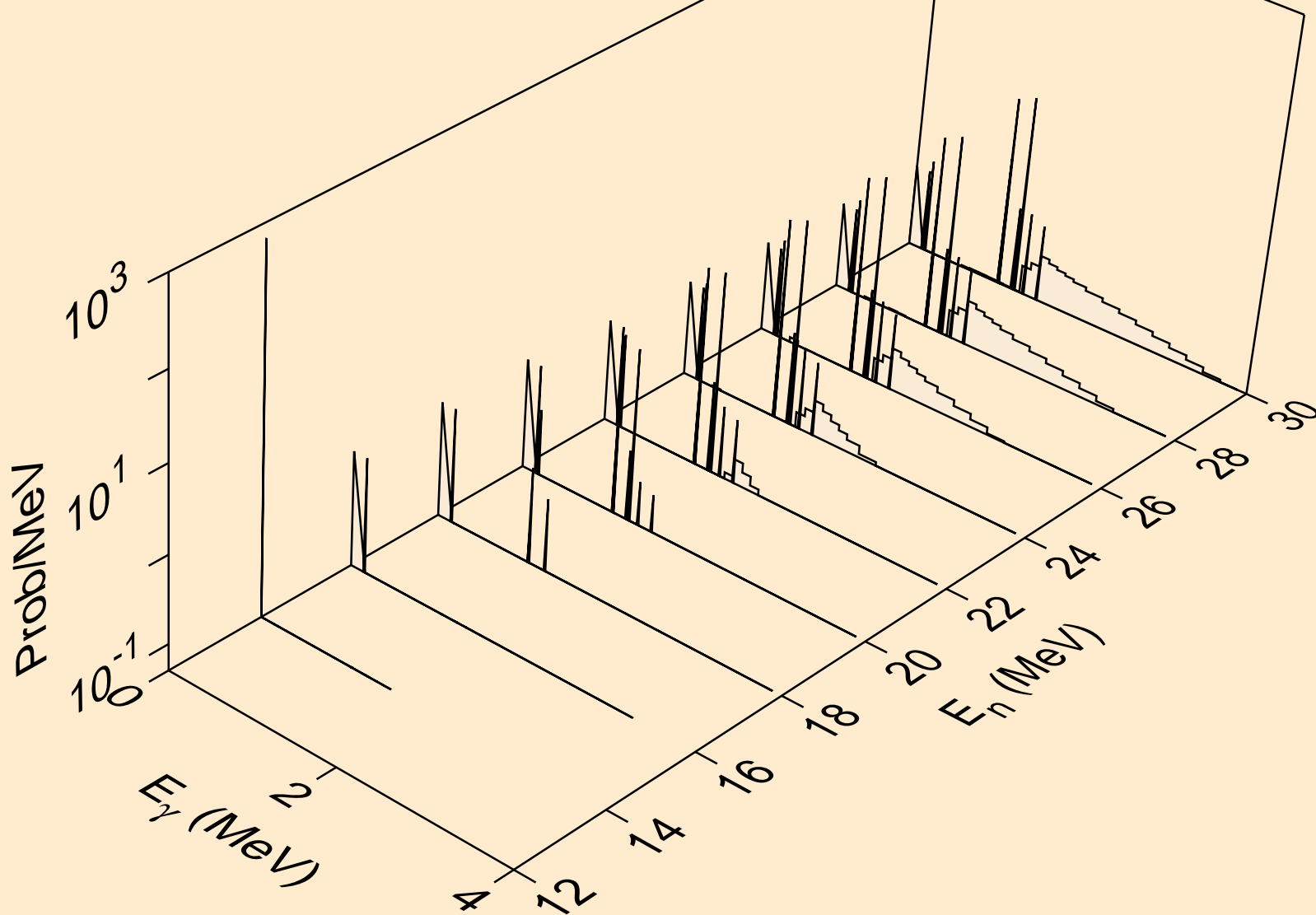
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



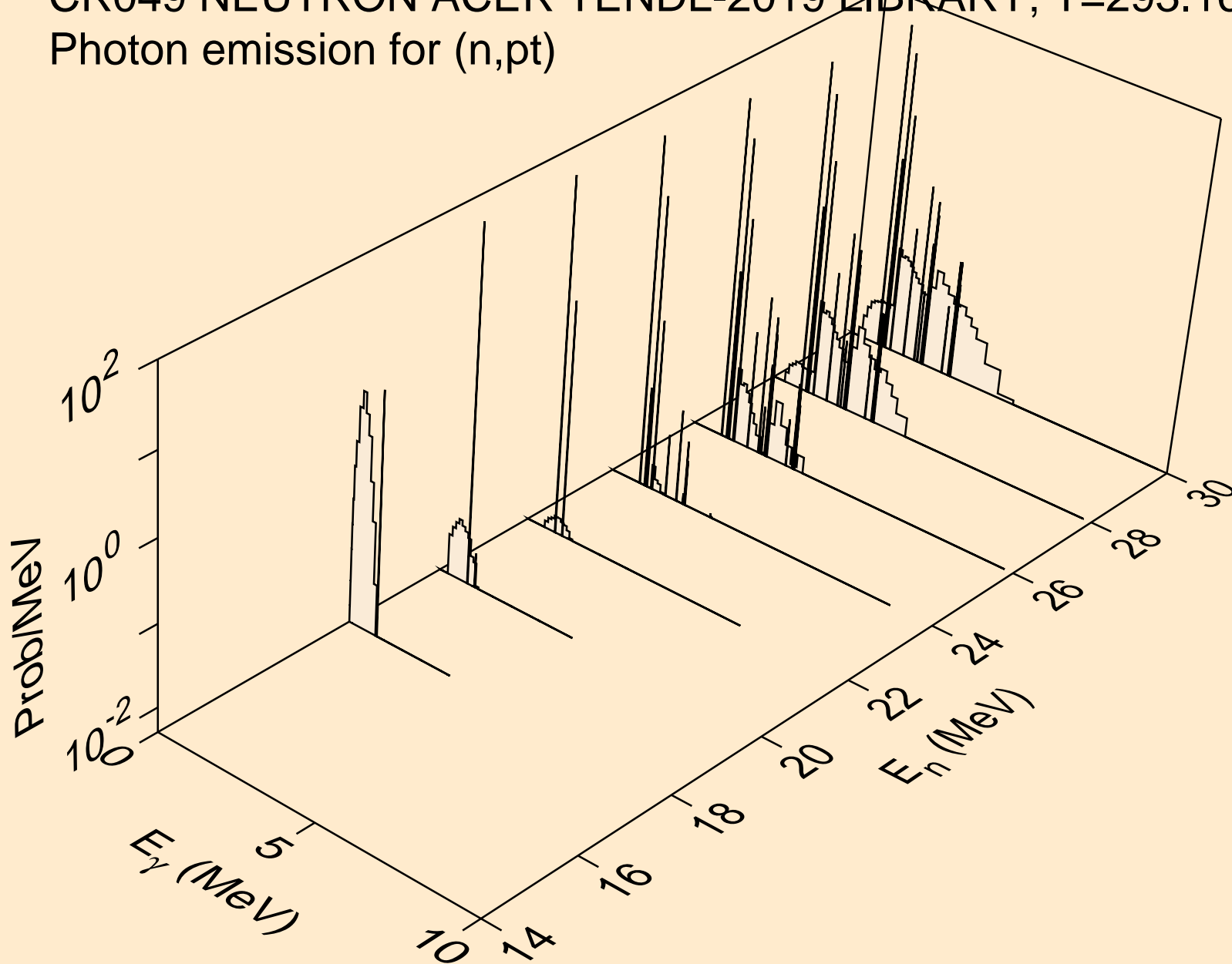
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



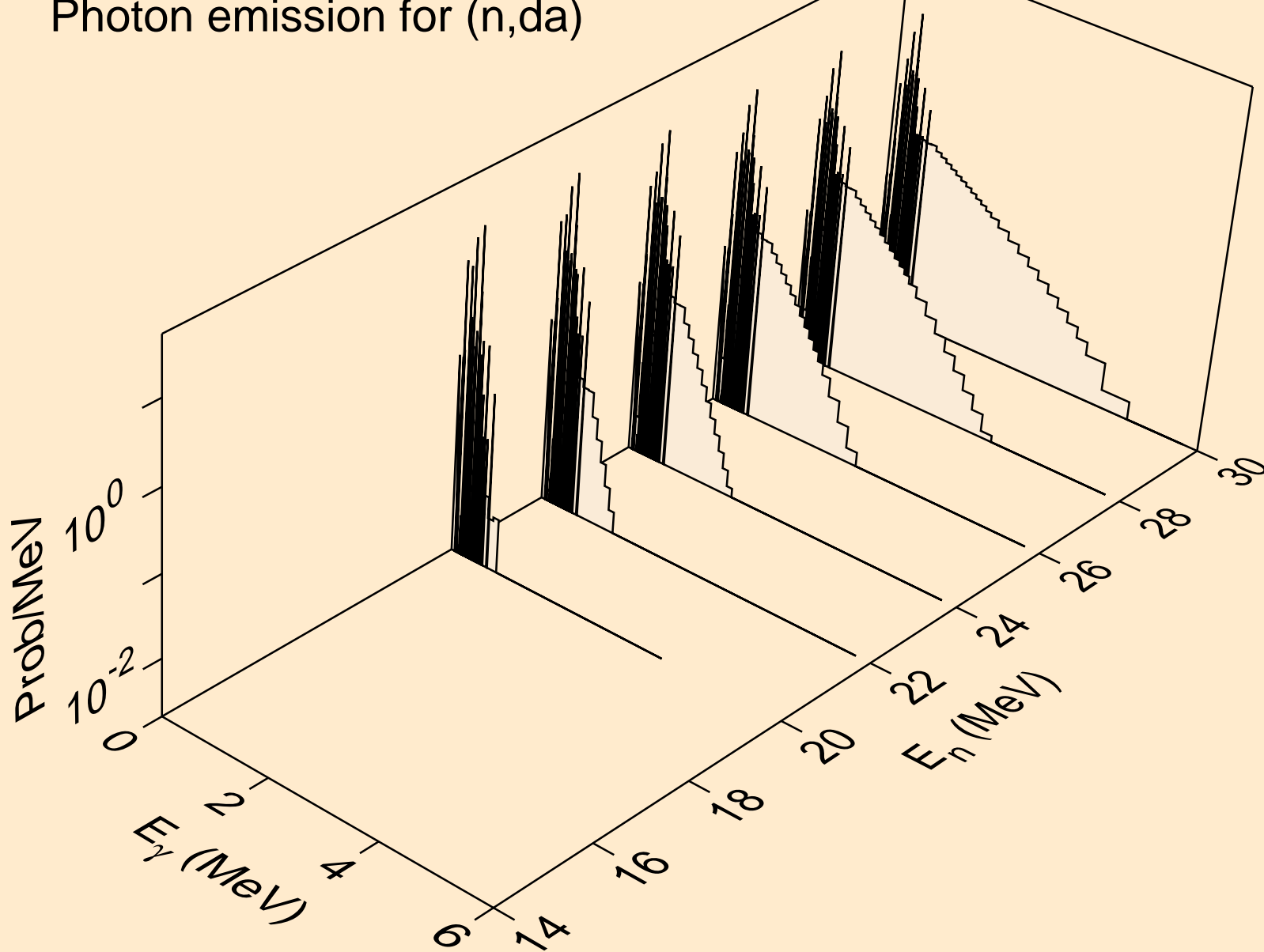
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



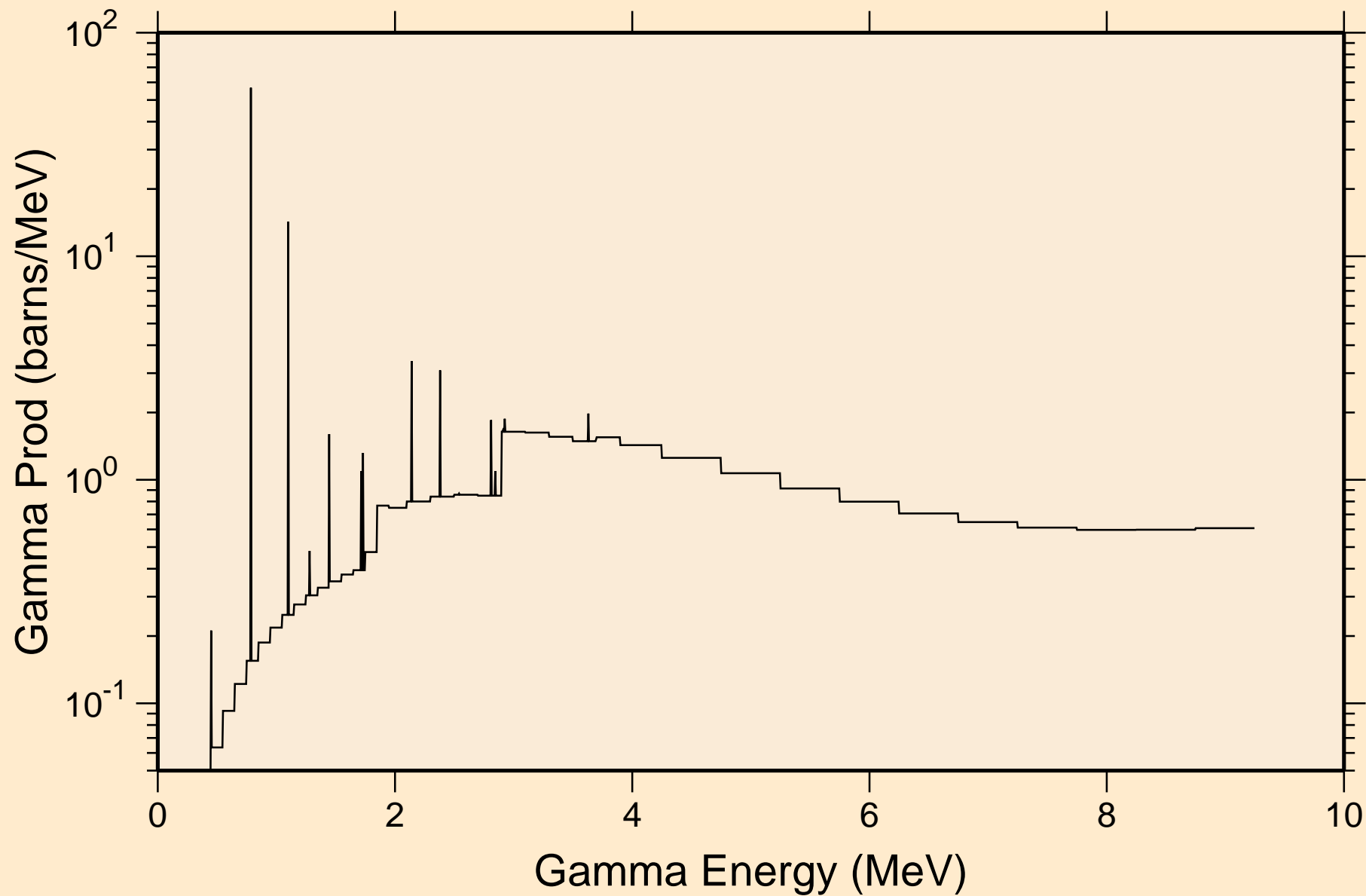
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



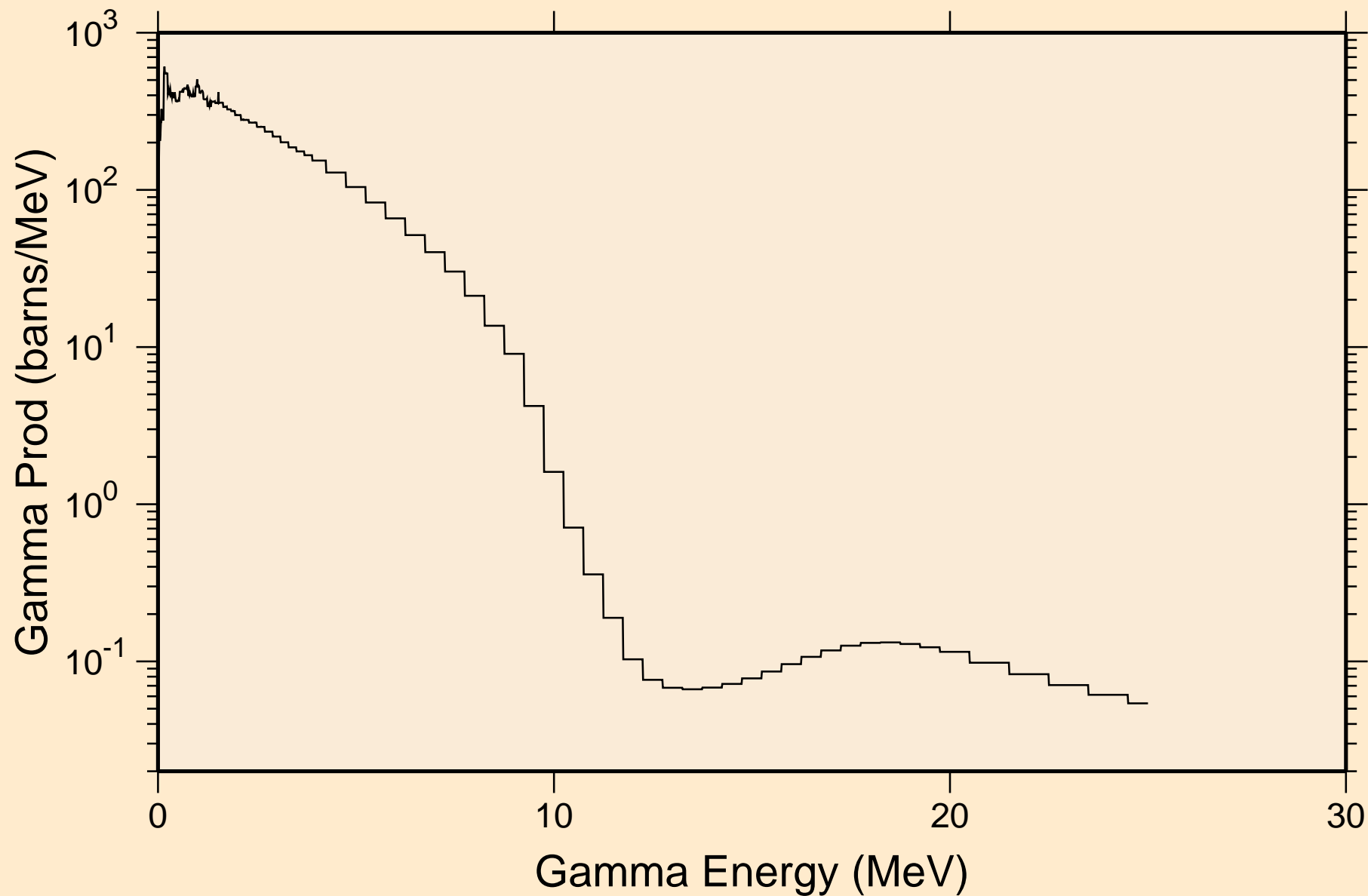
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

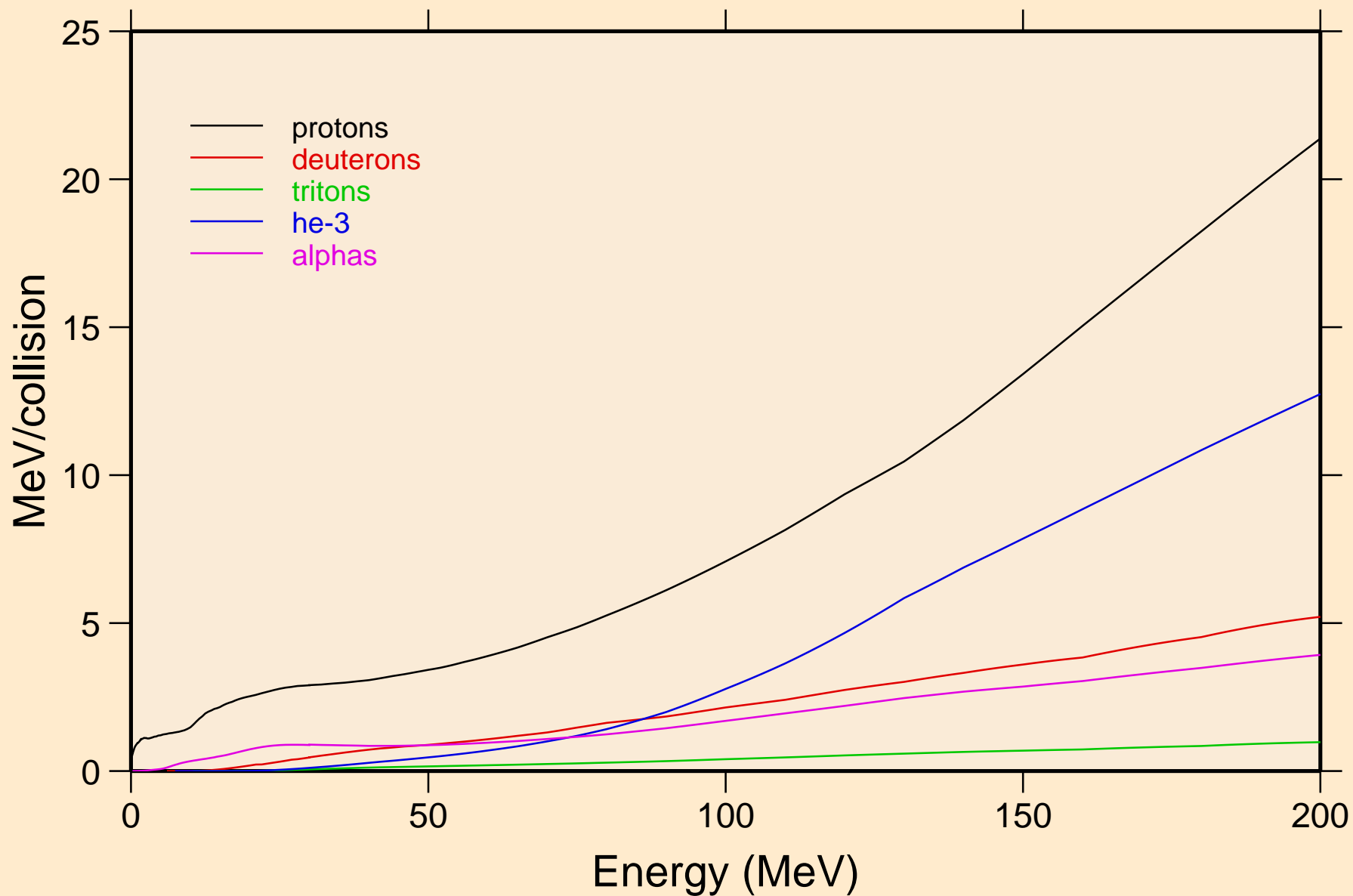


CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

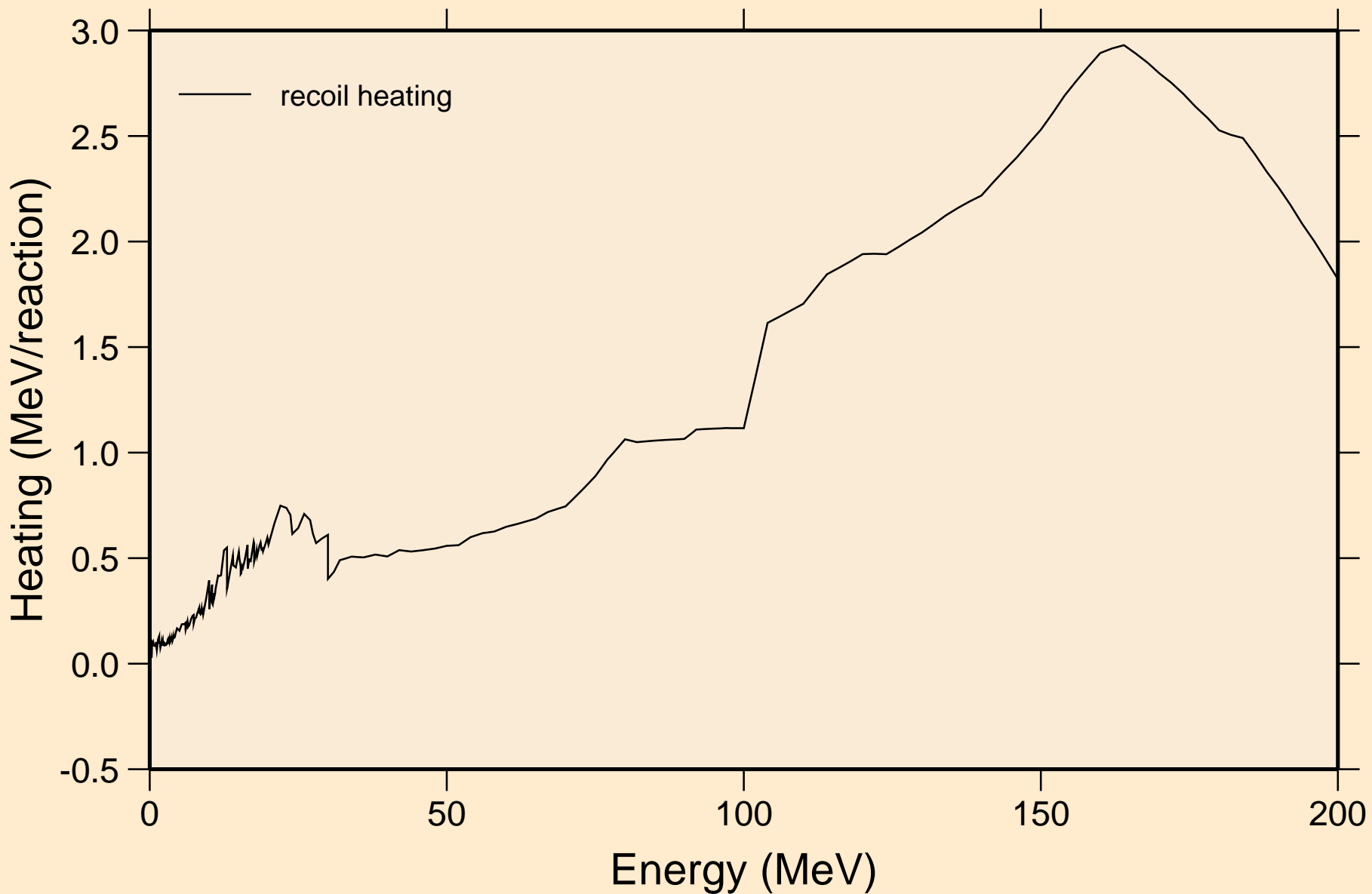


CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

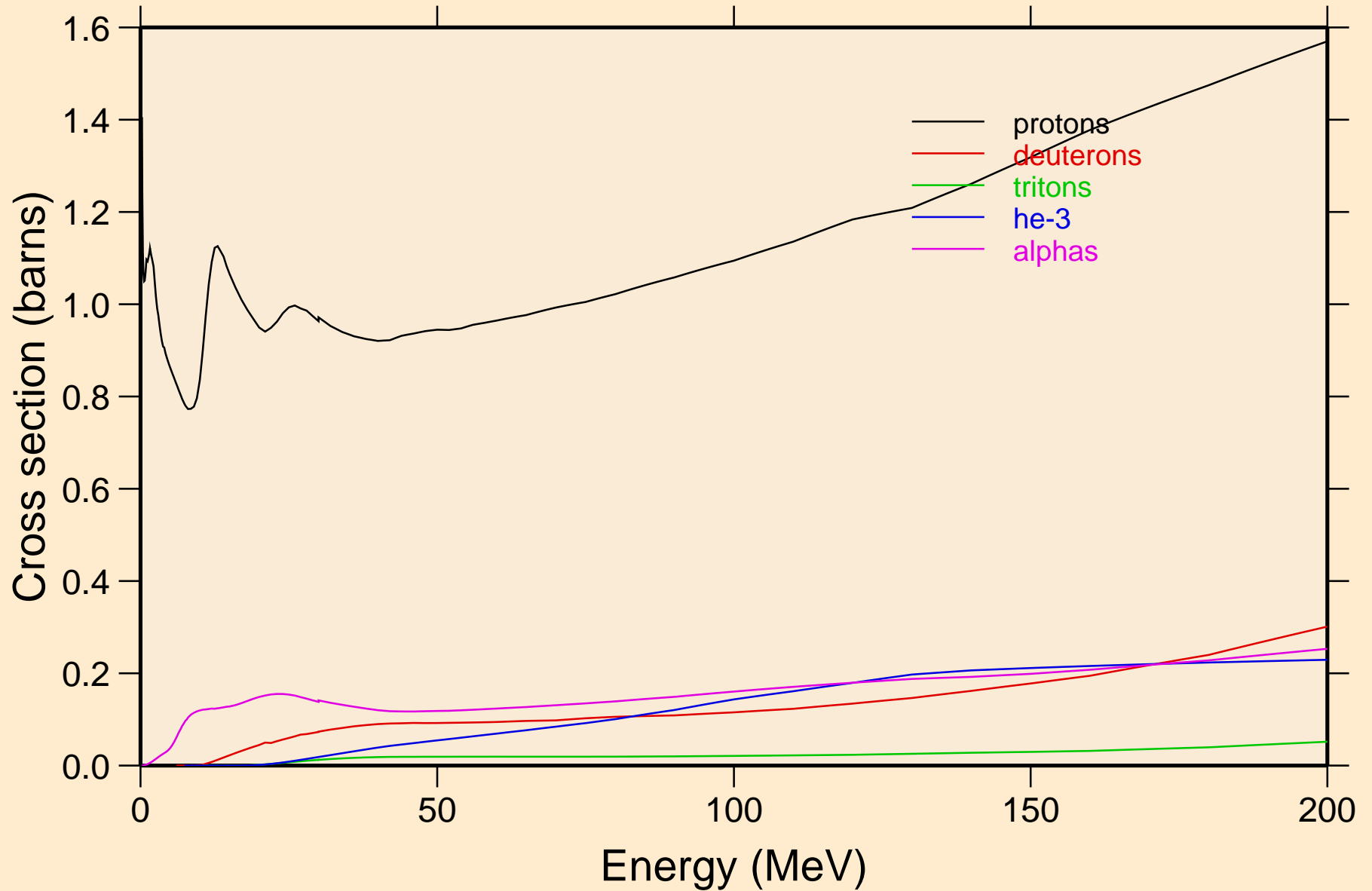
Particle heating contributions



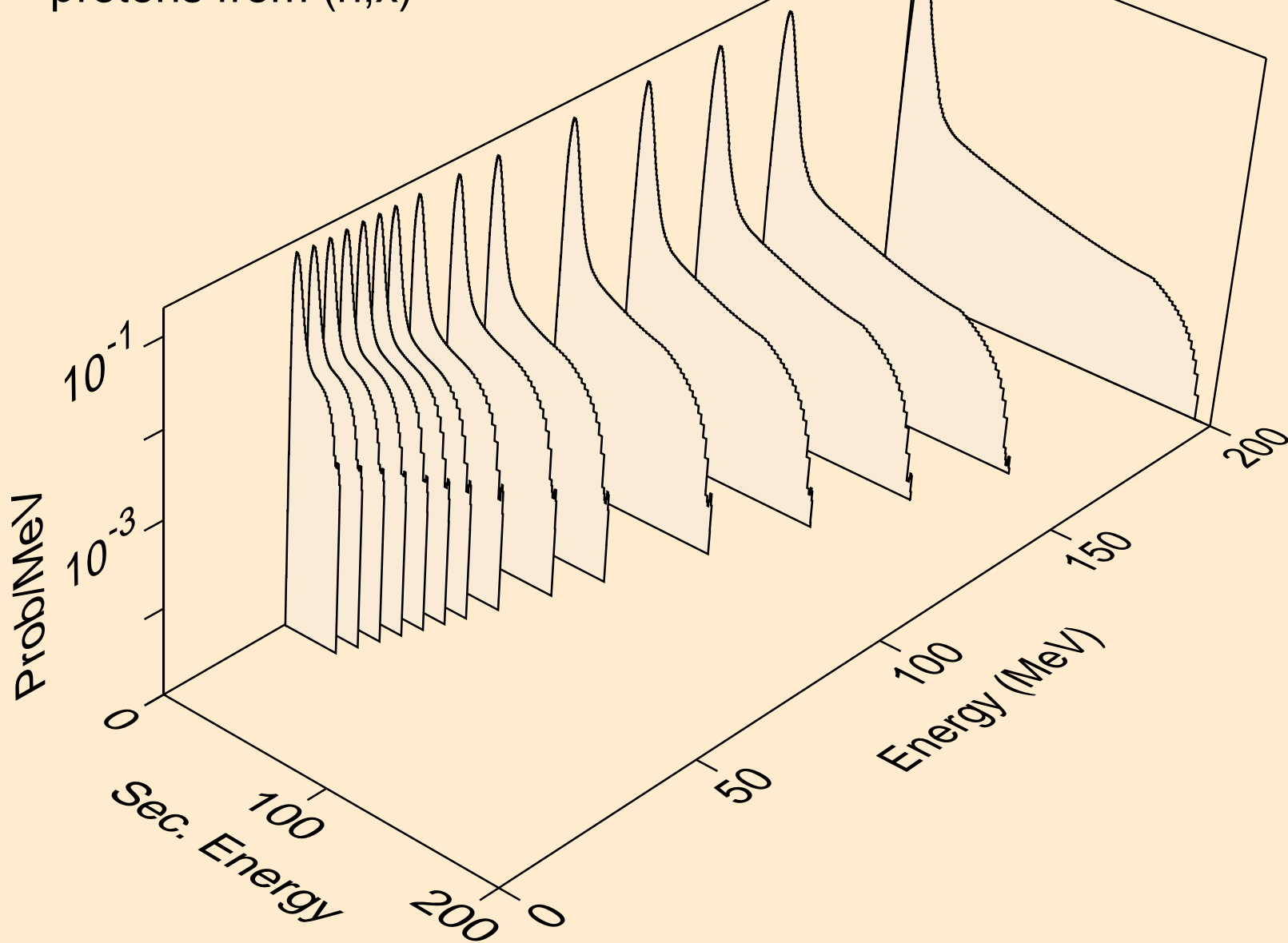
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



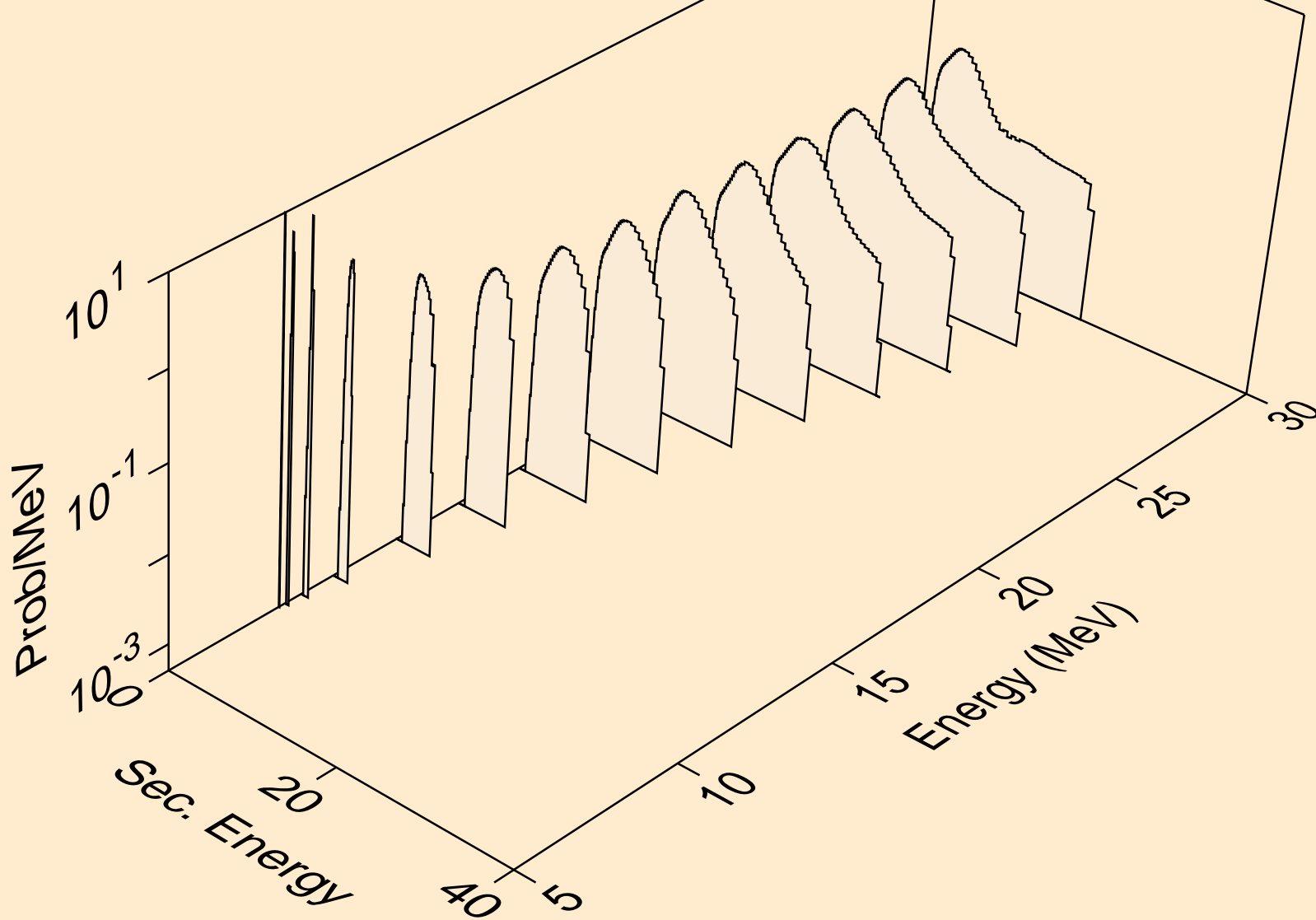
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



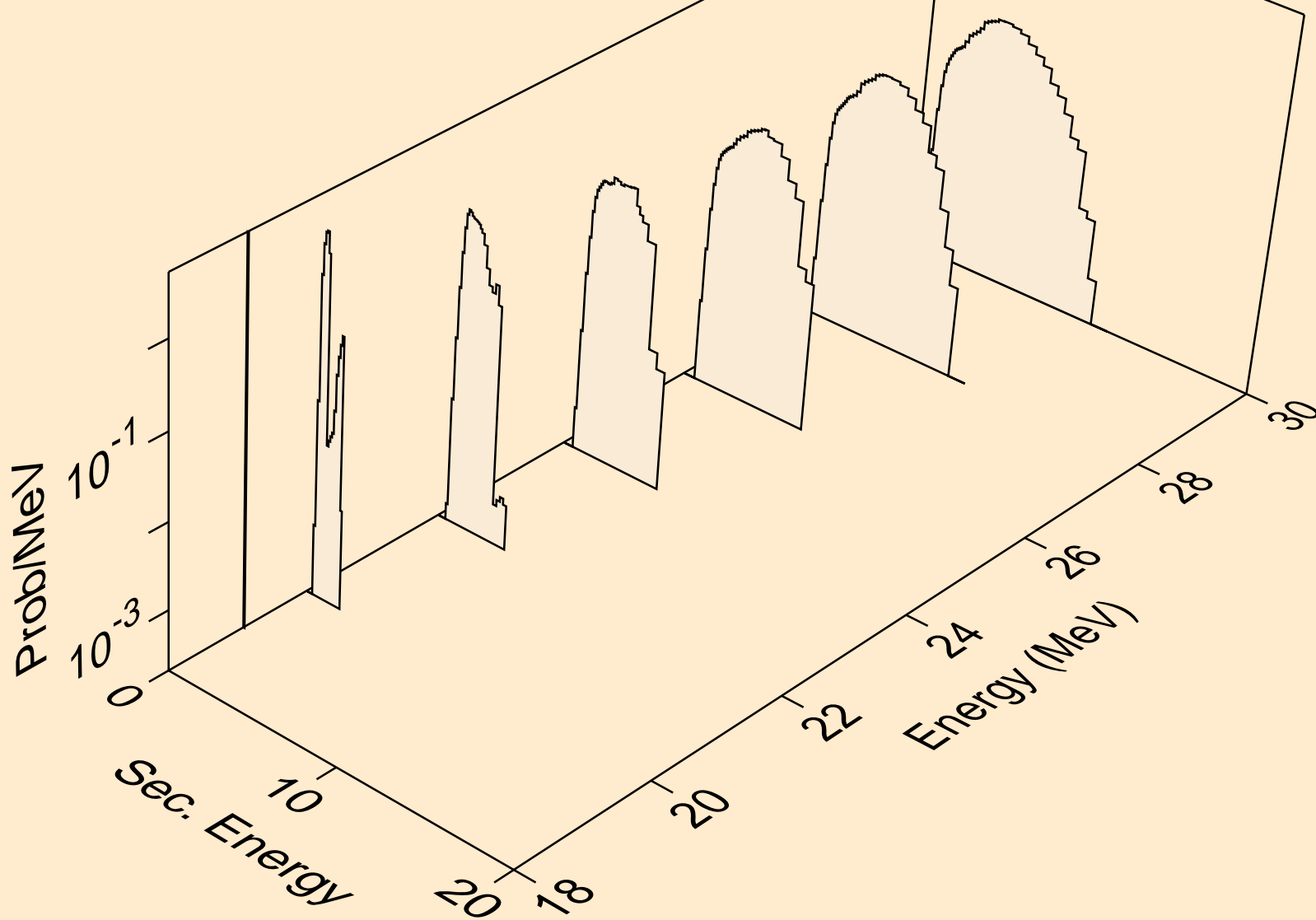
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



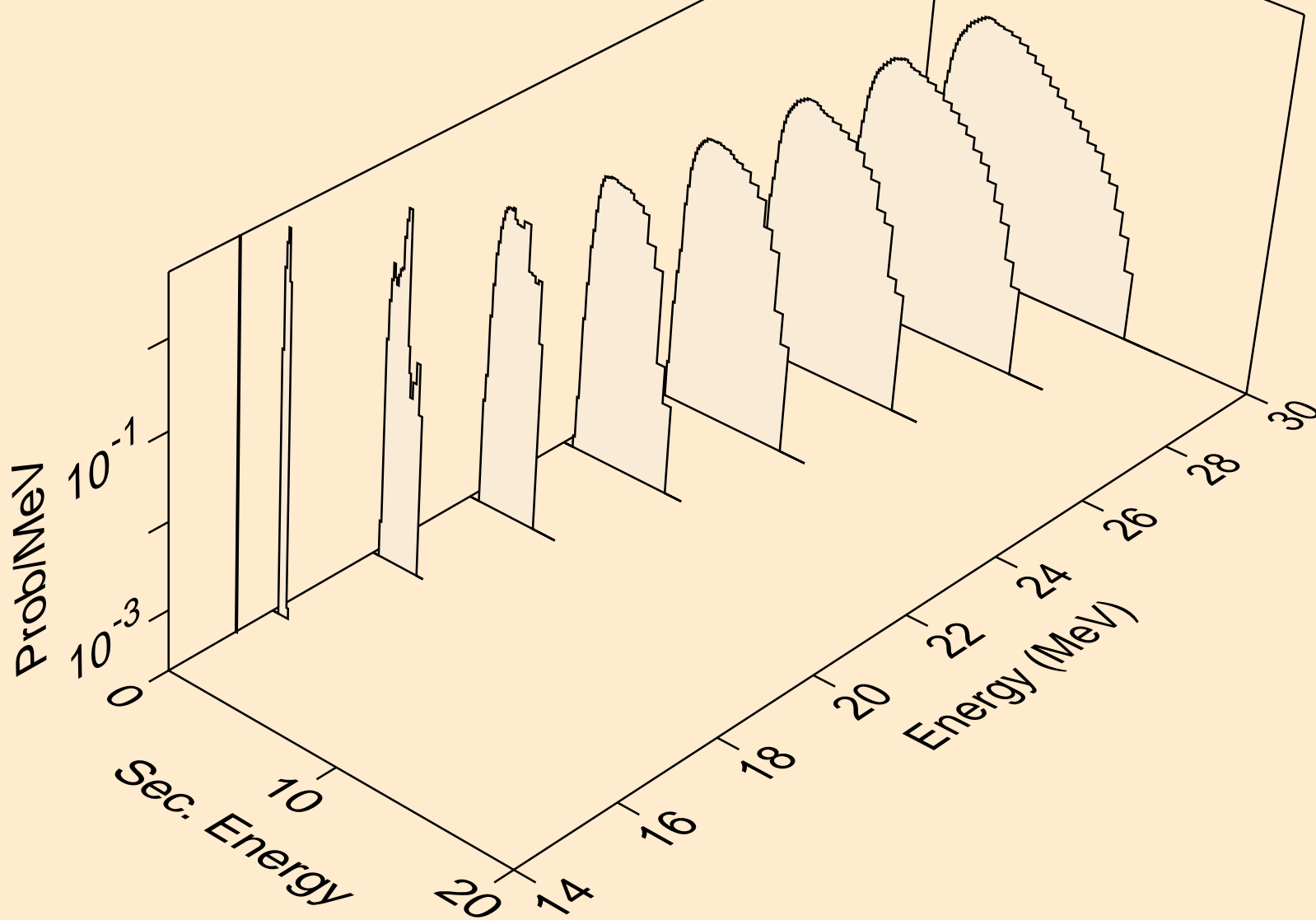
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



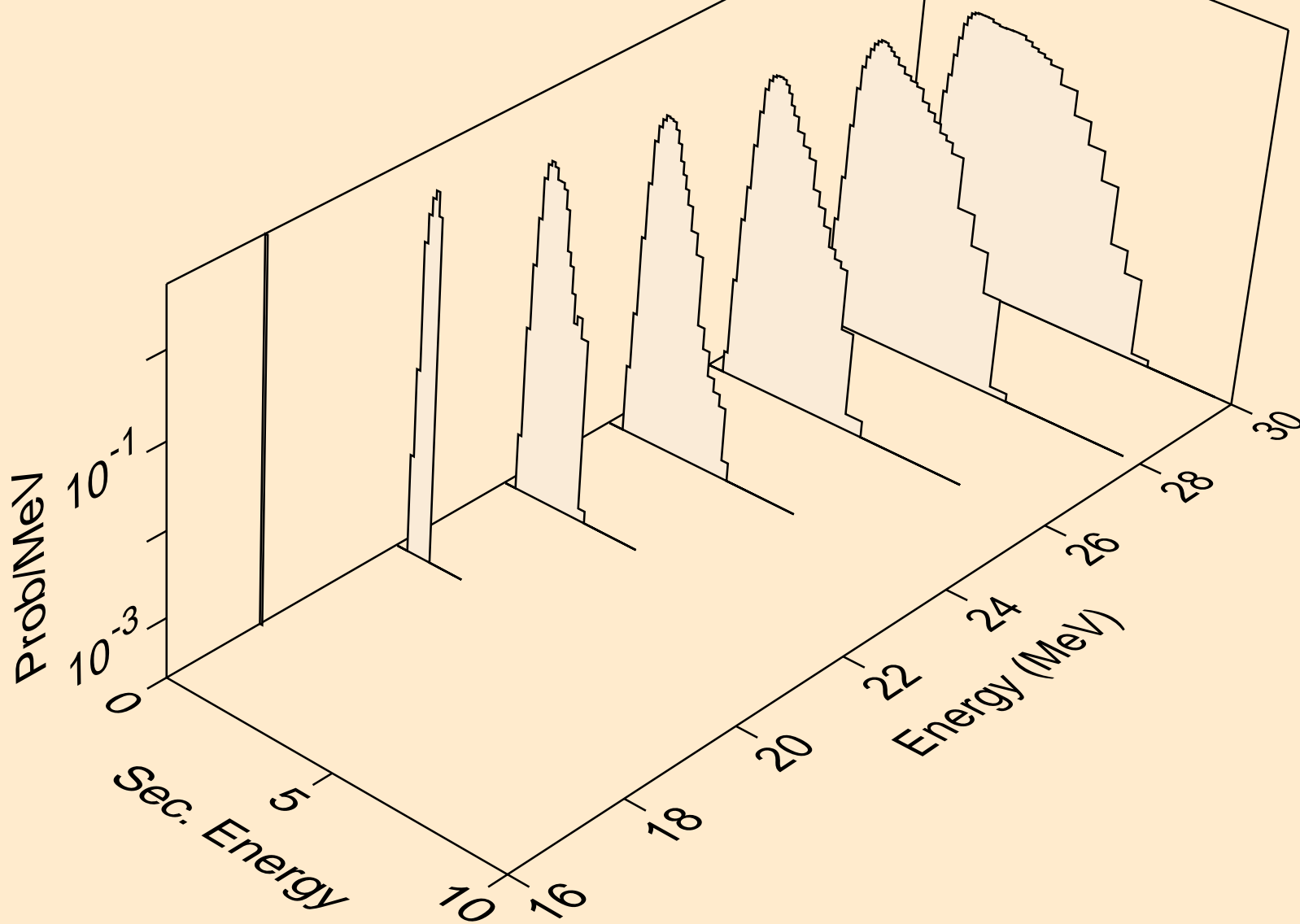
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



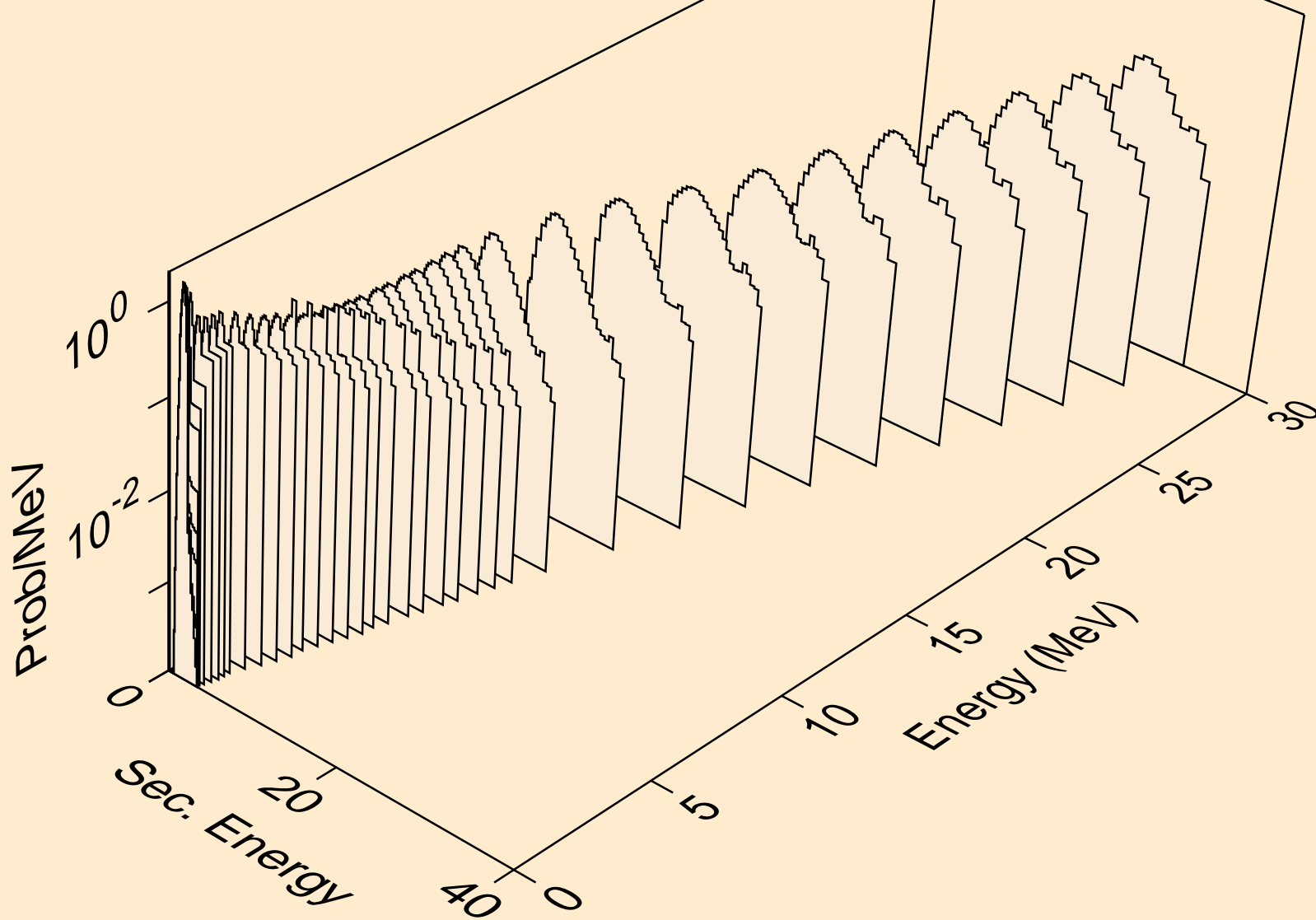
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



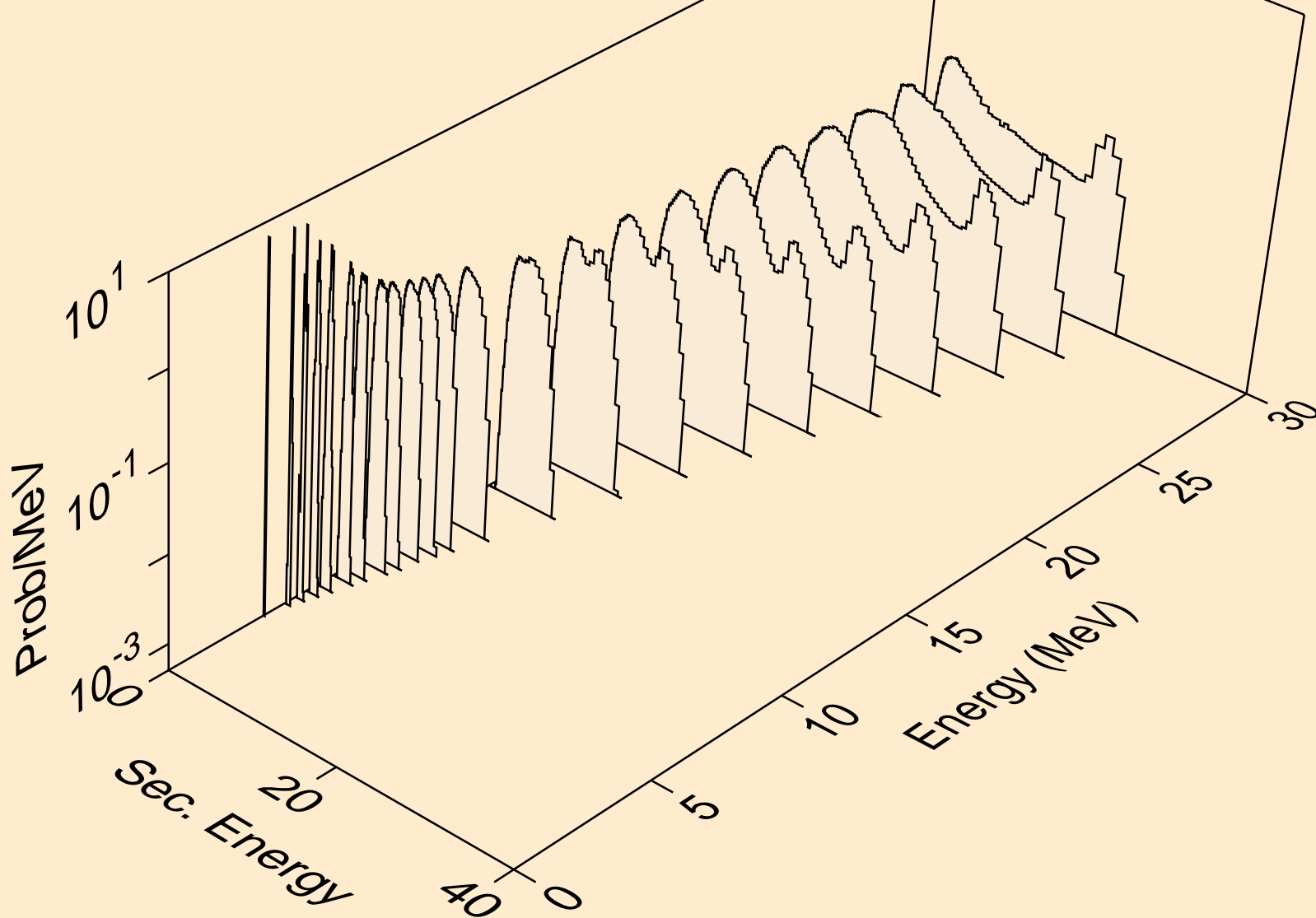
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



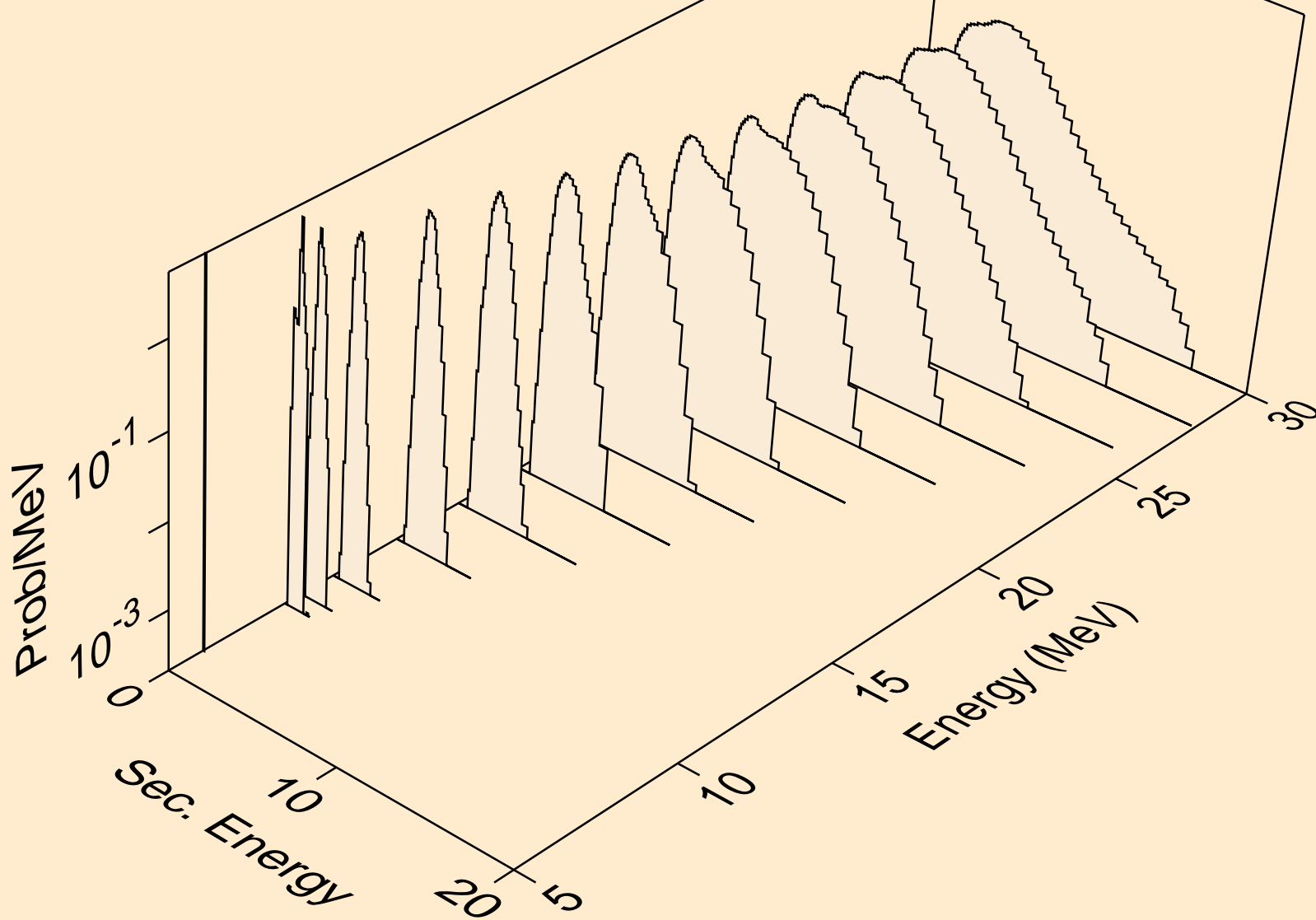
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



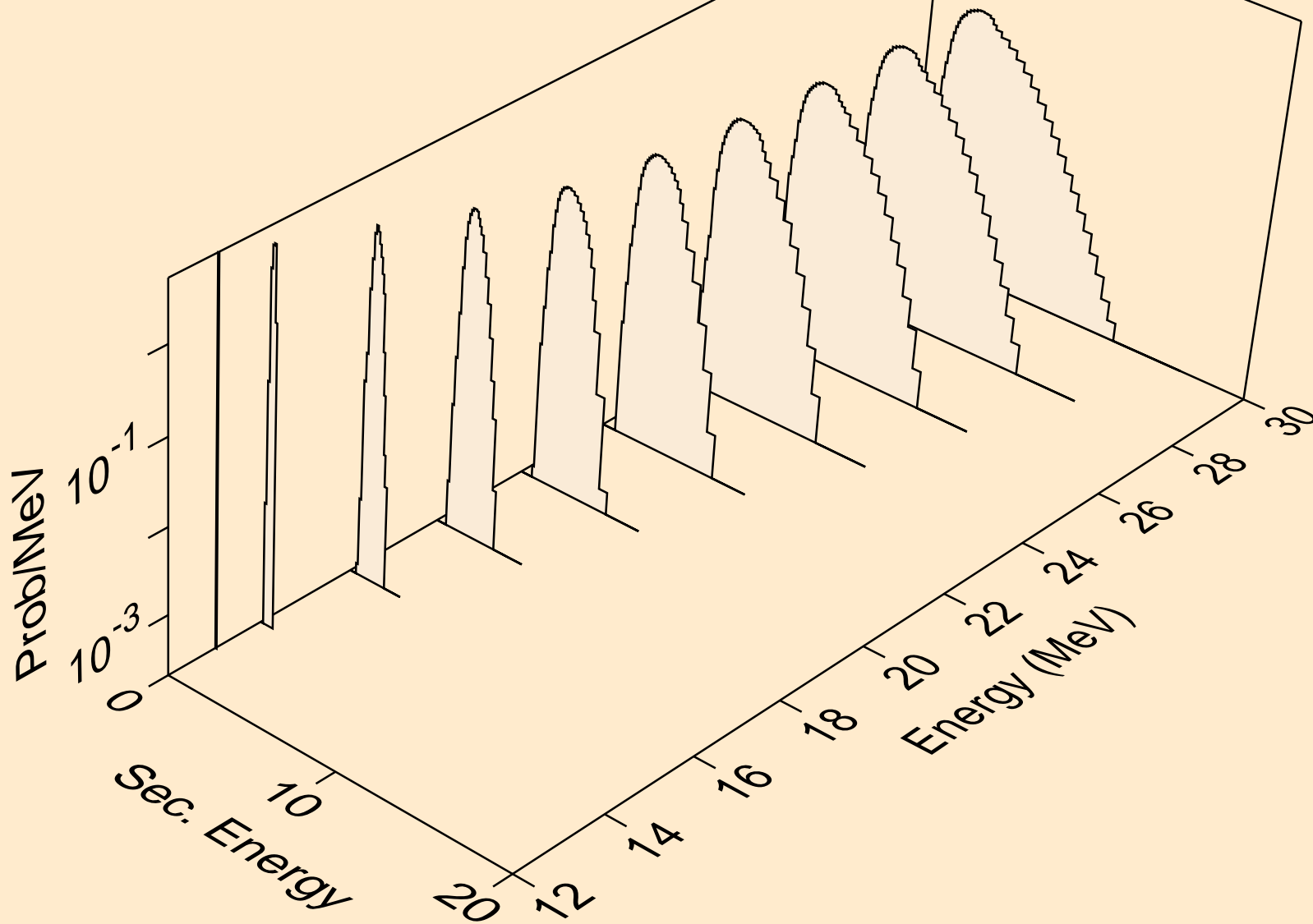
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



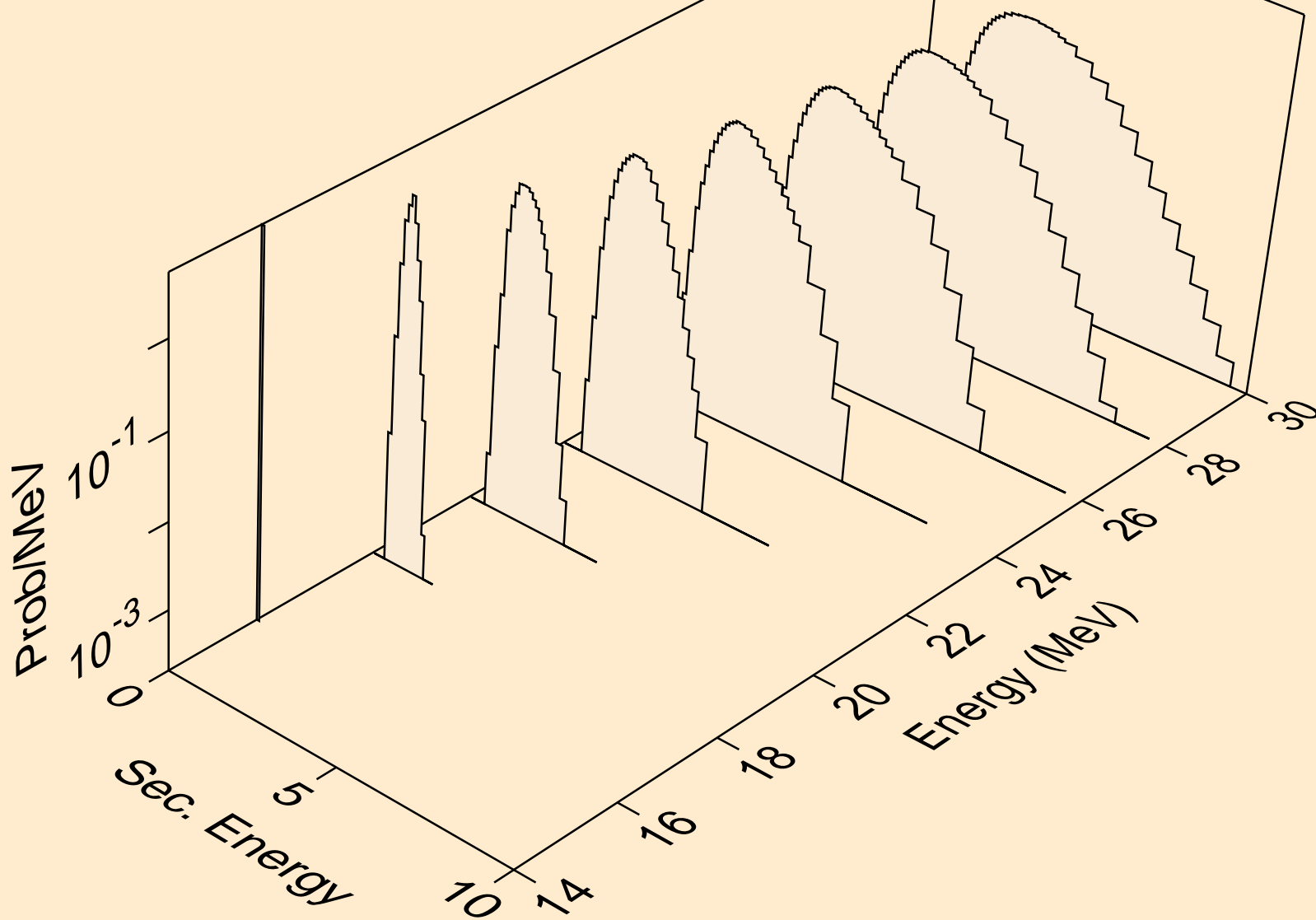
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



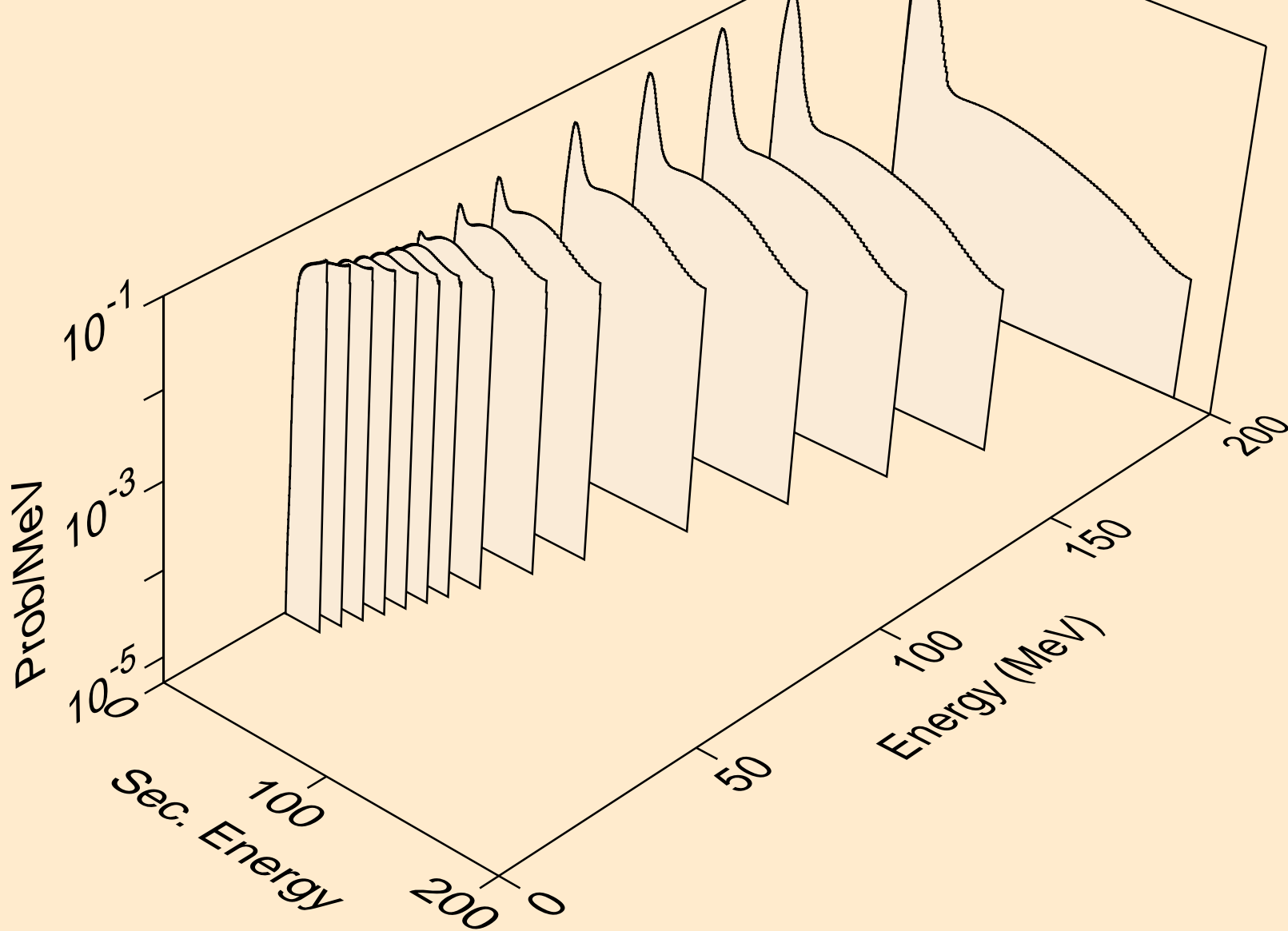
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



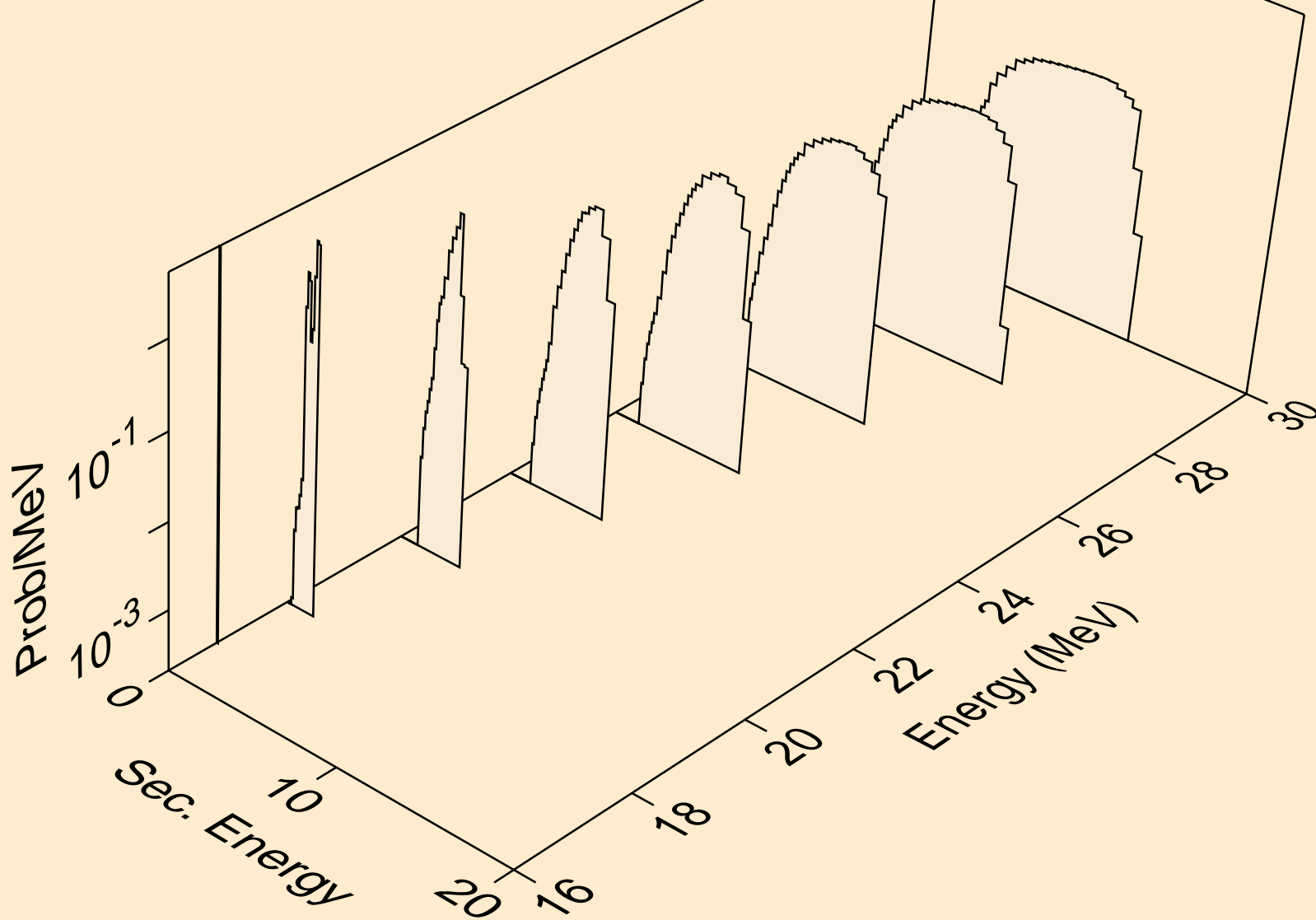
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



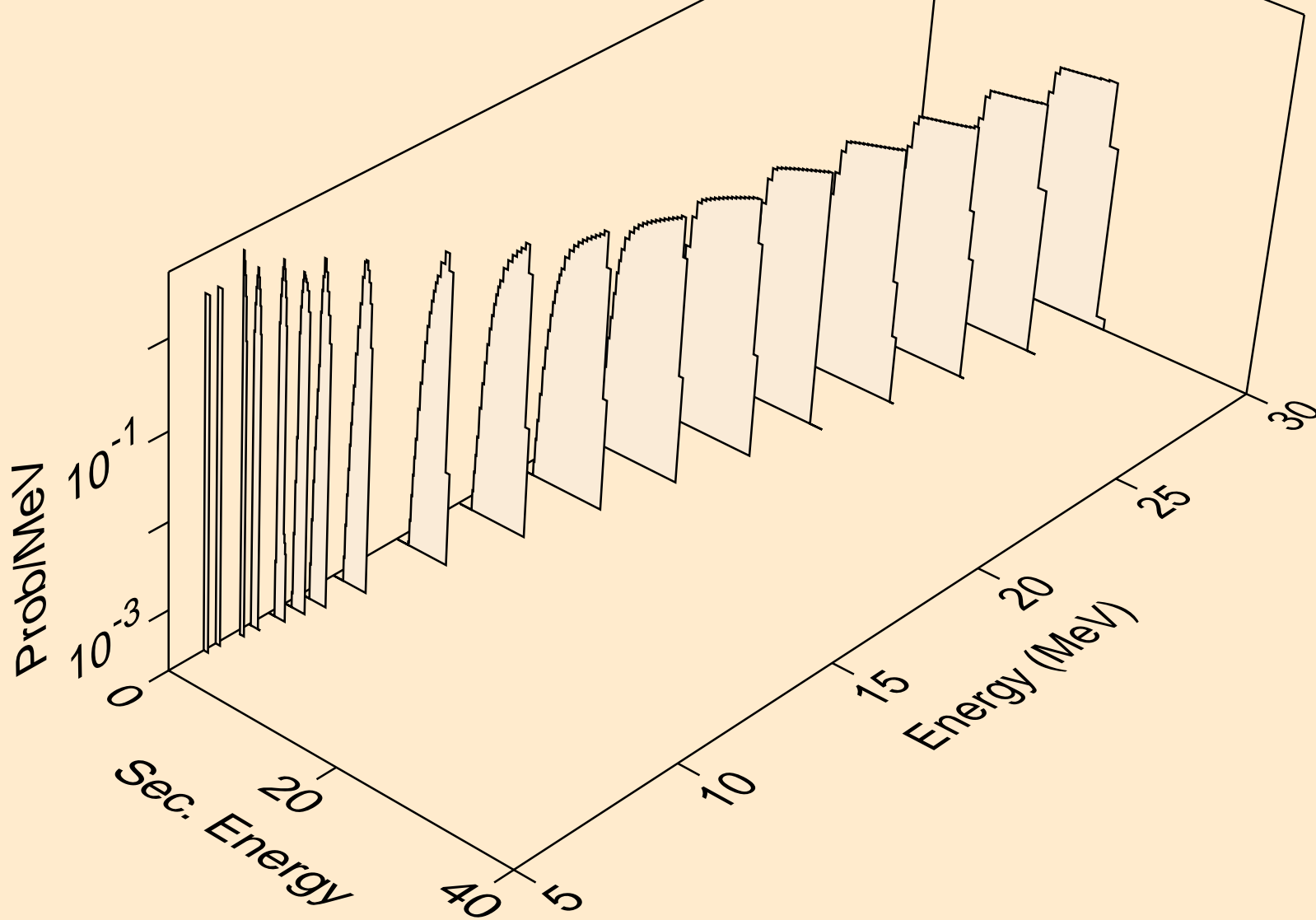
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



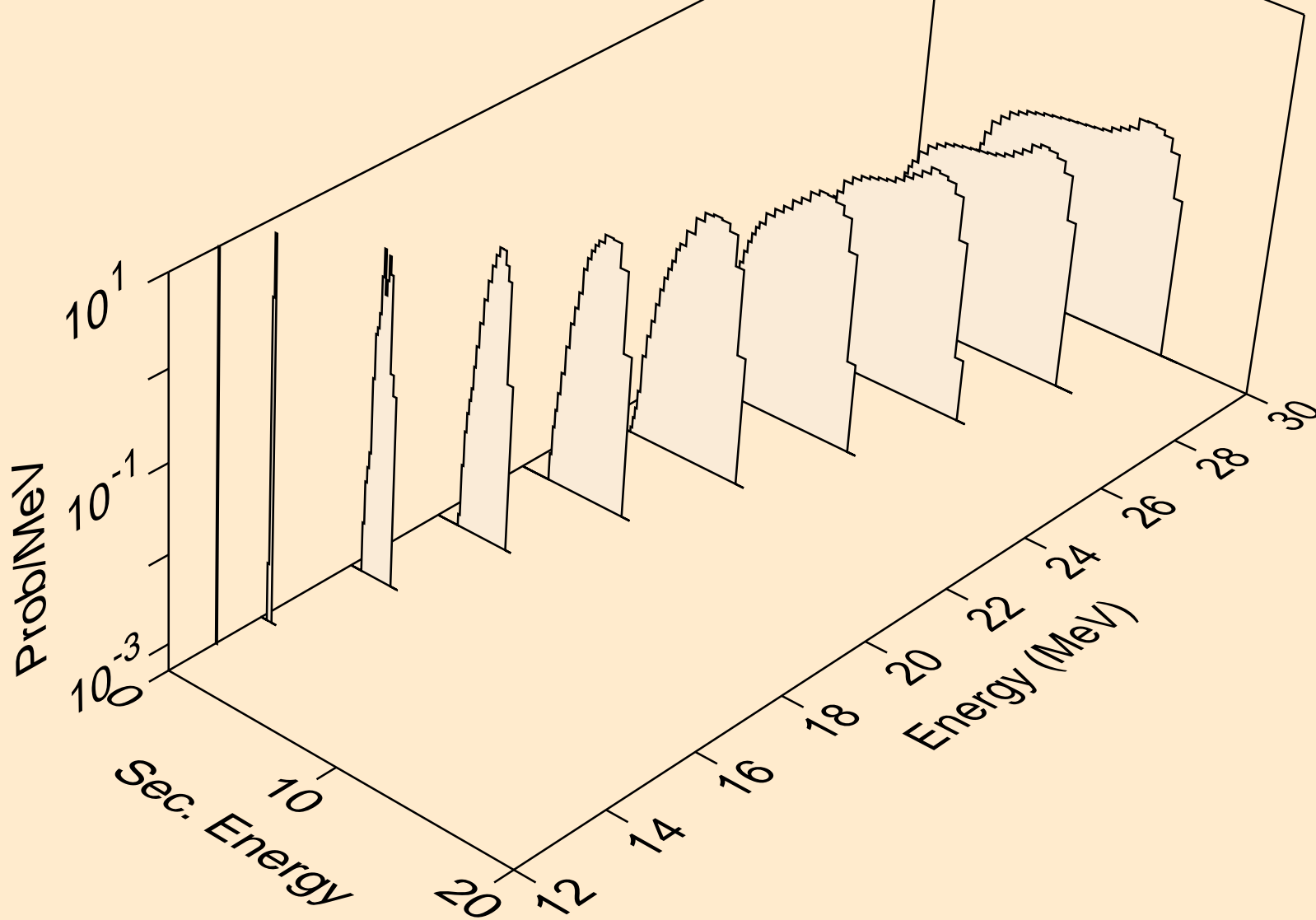
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



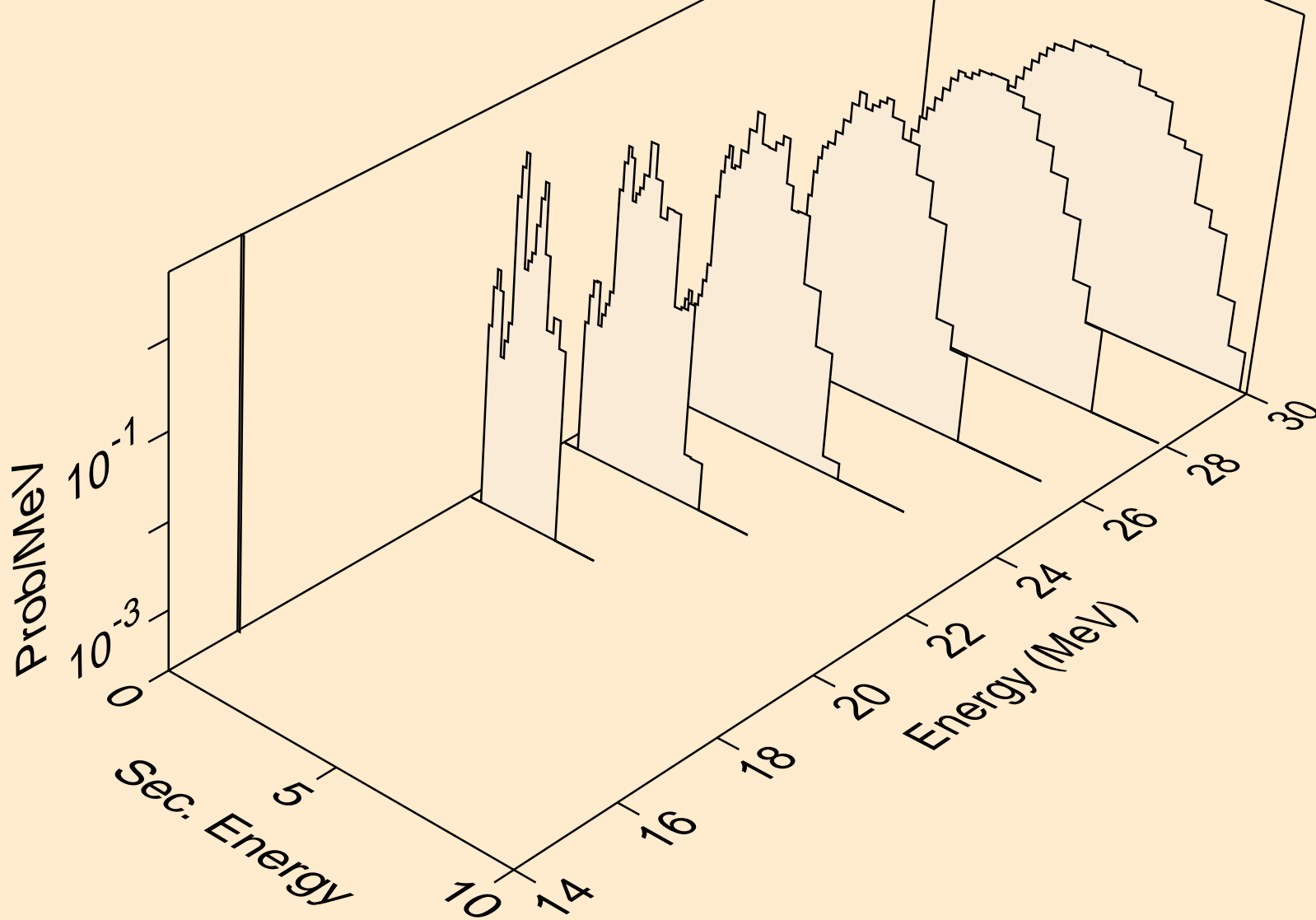
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



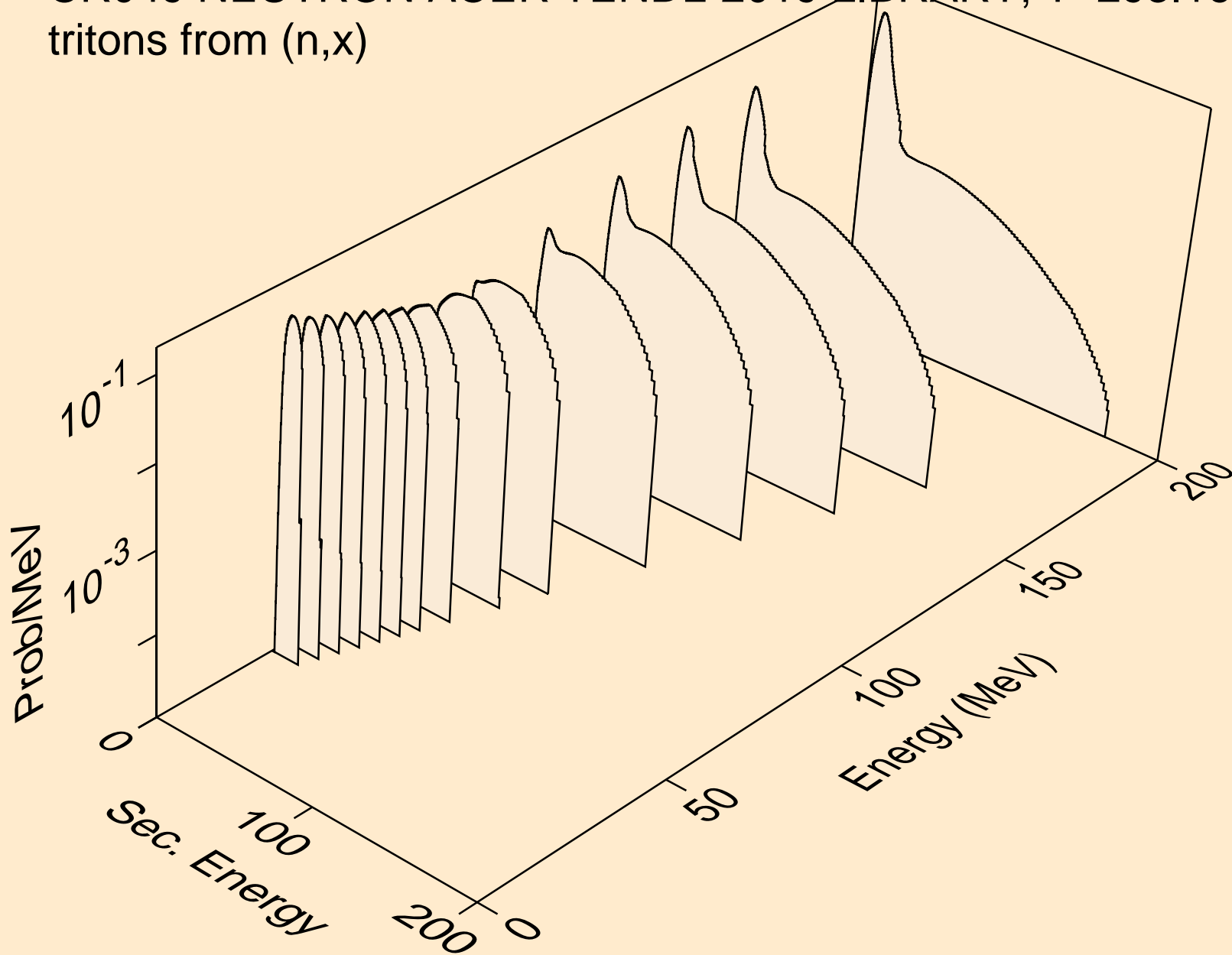
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



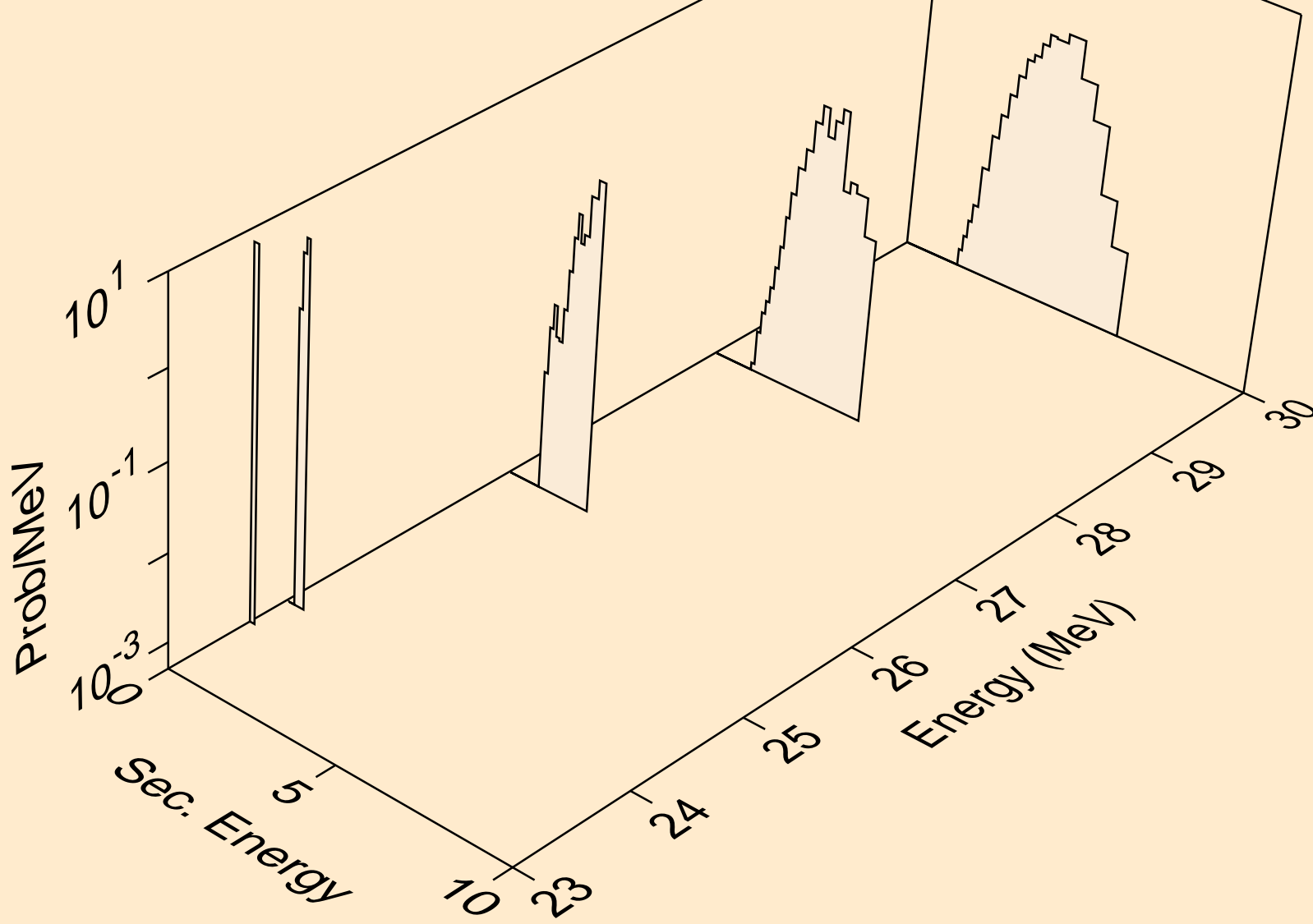
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



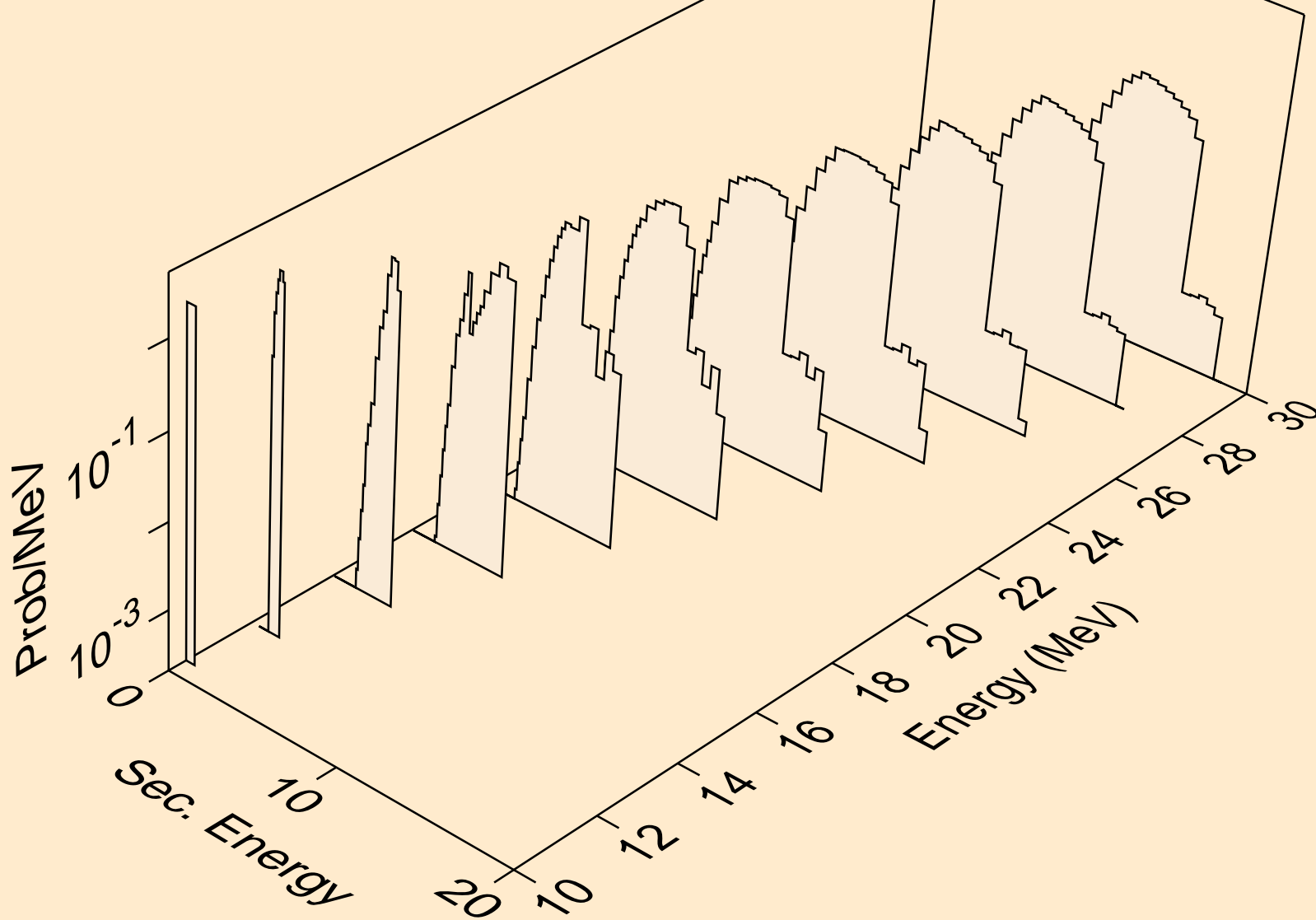
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



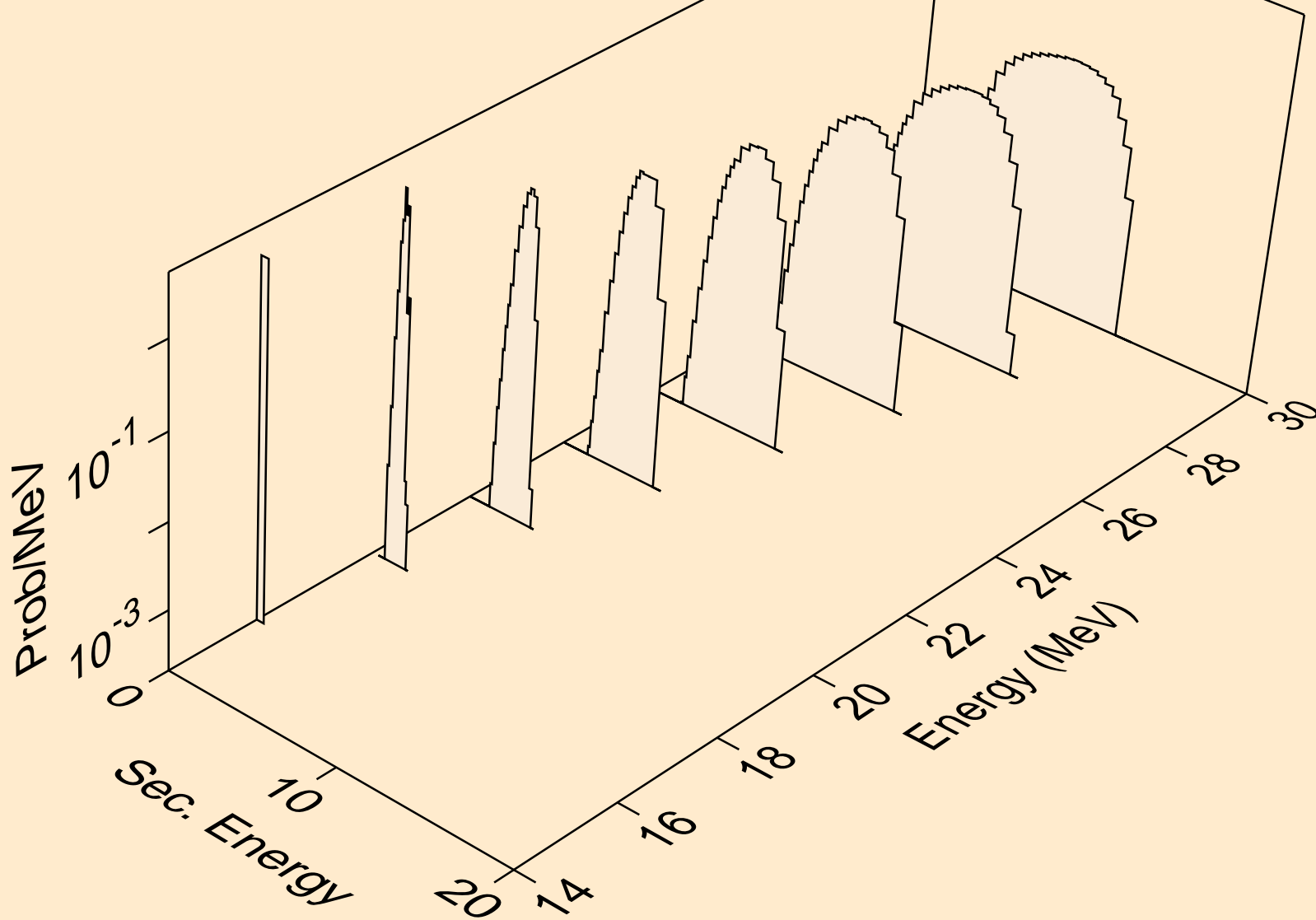
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



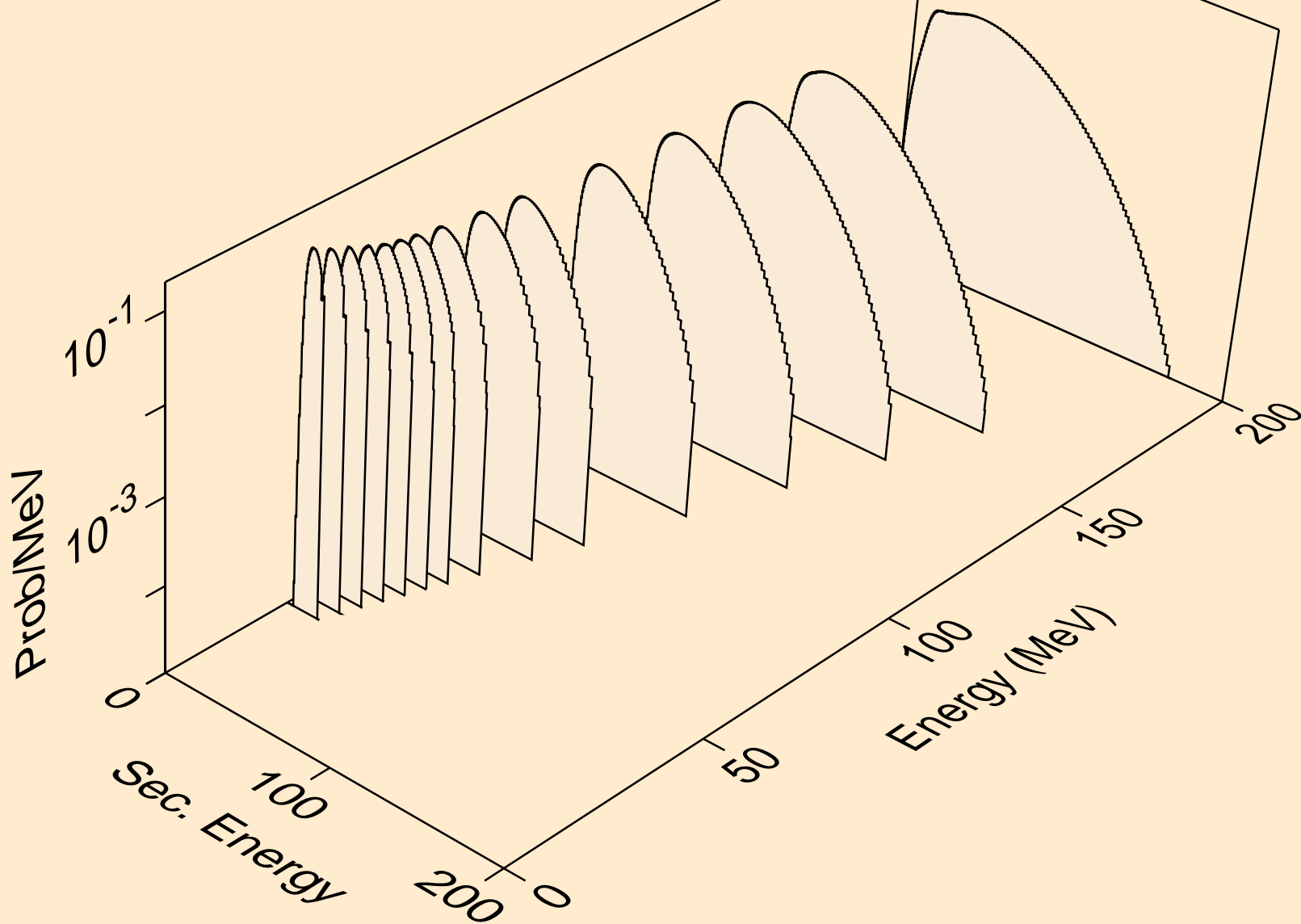
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



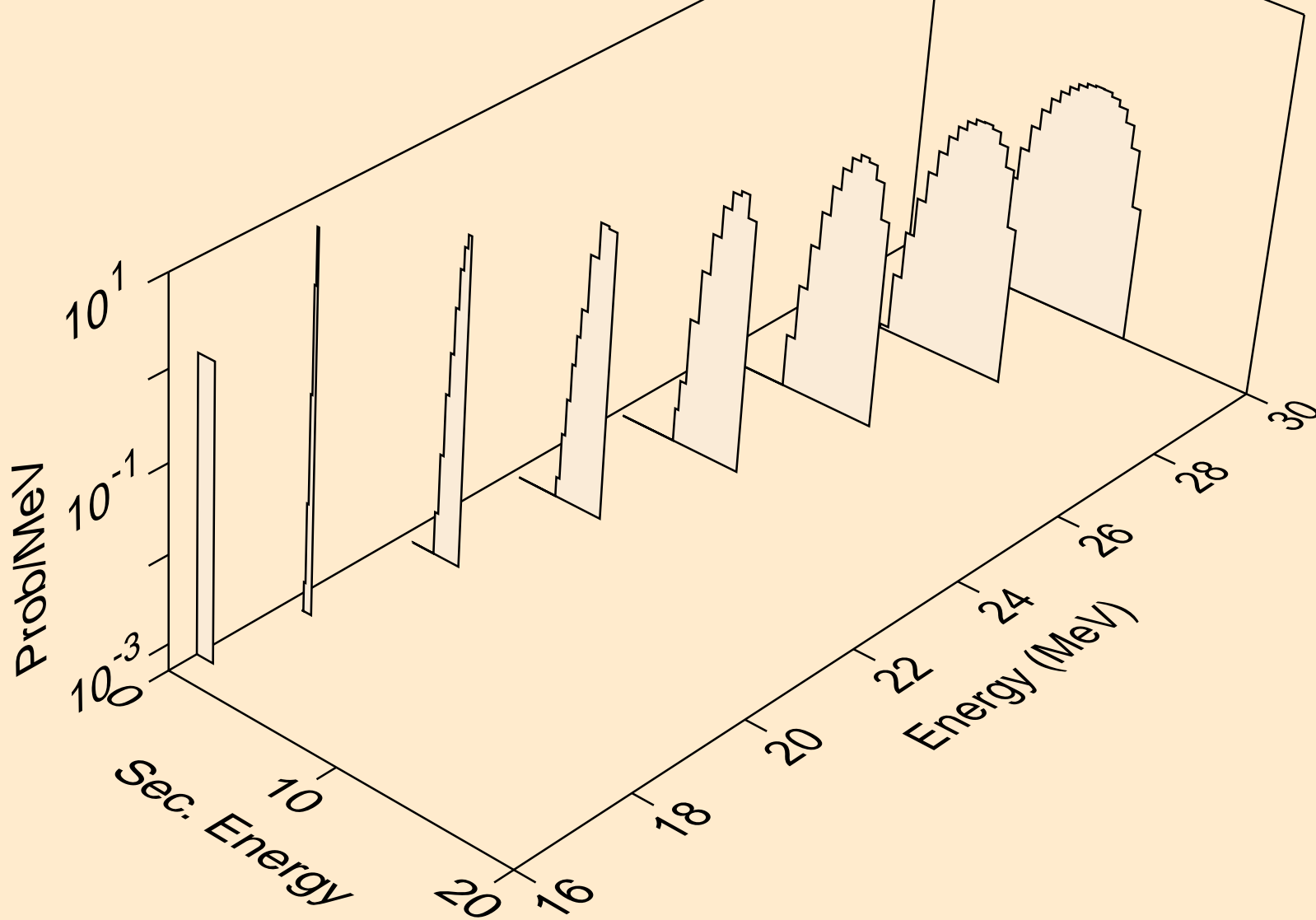
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



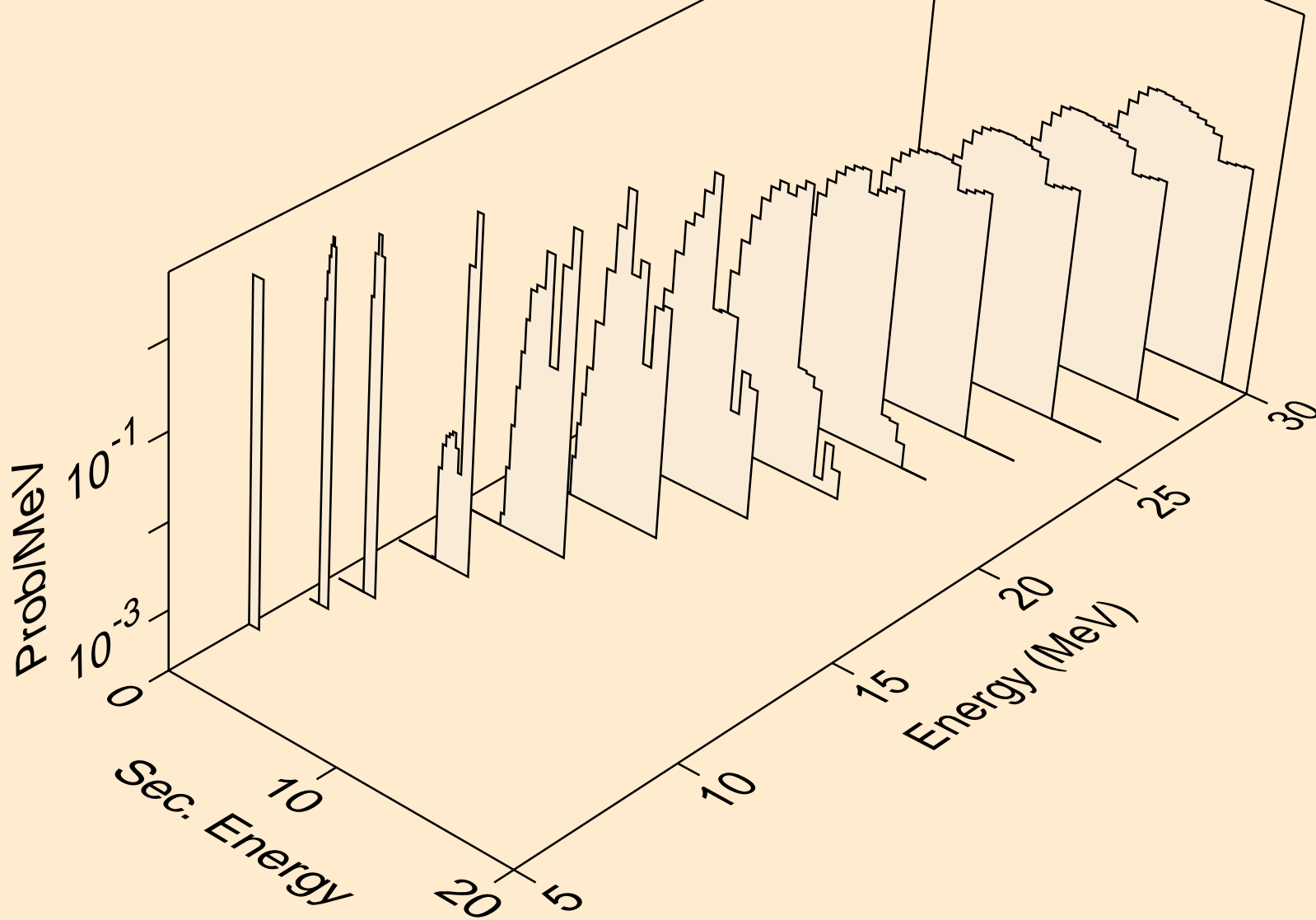
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



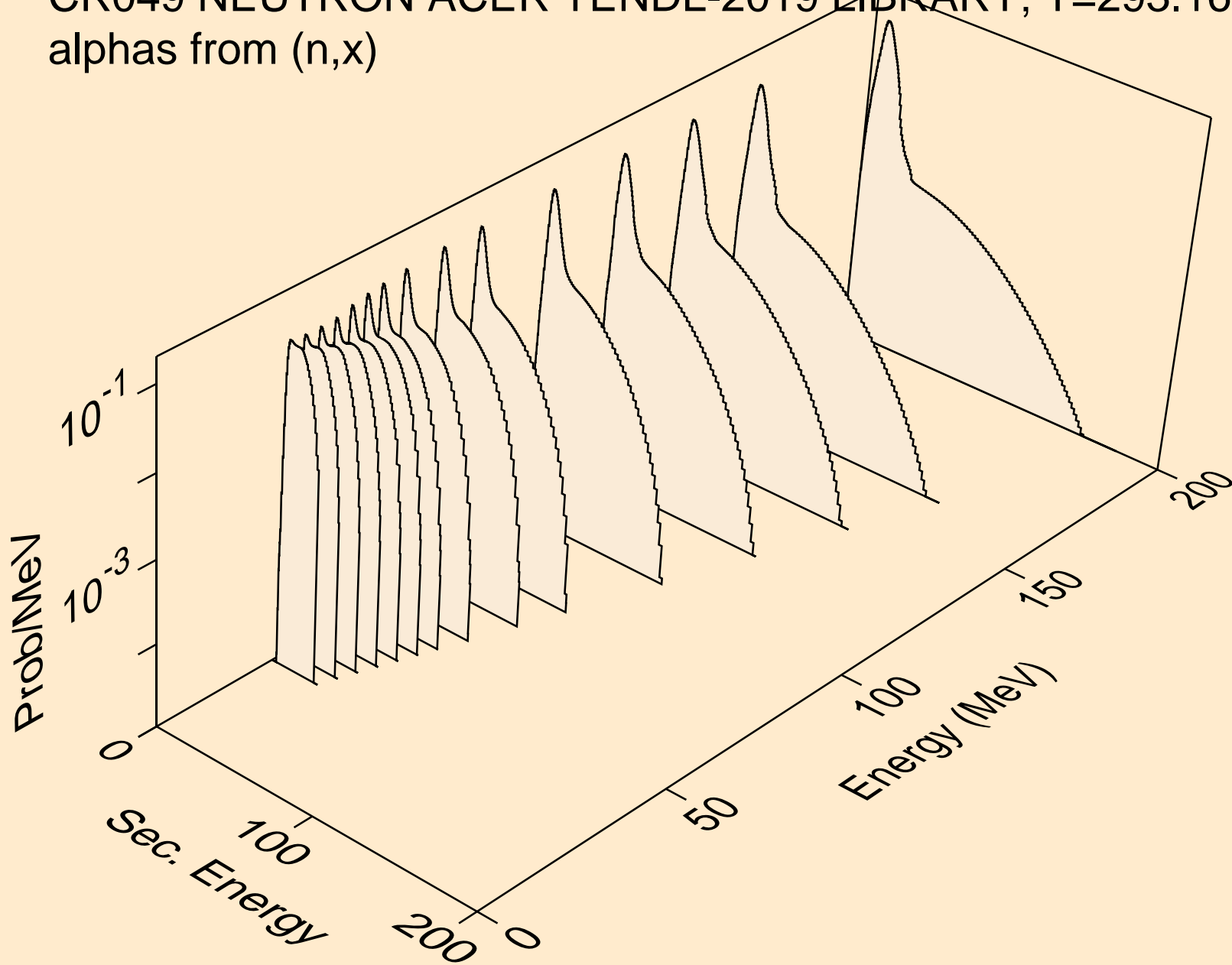
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



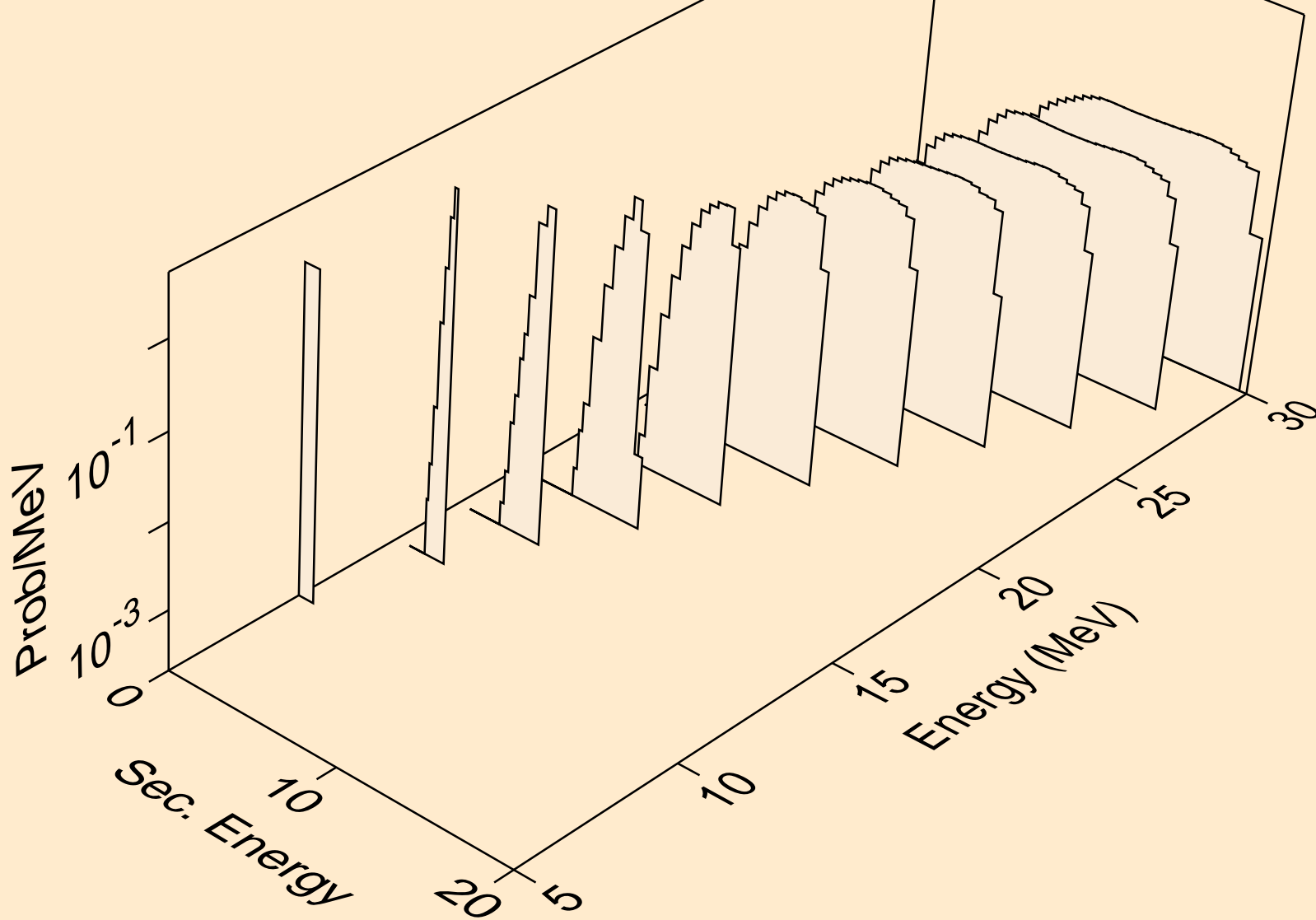
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



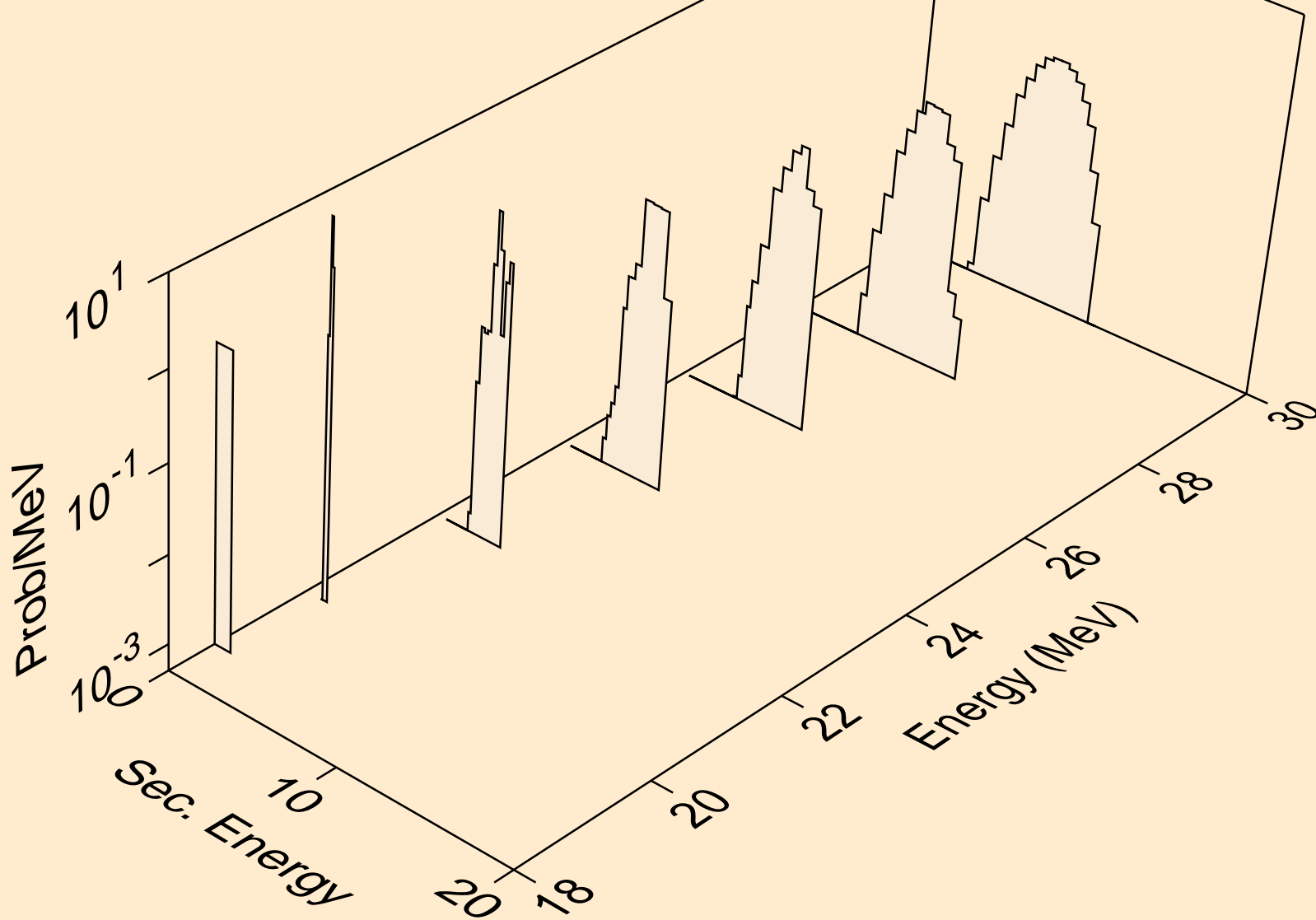
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



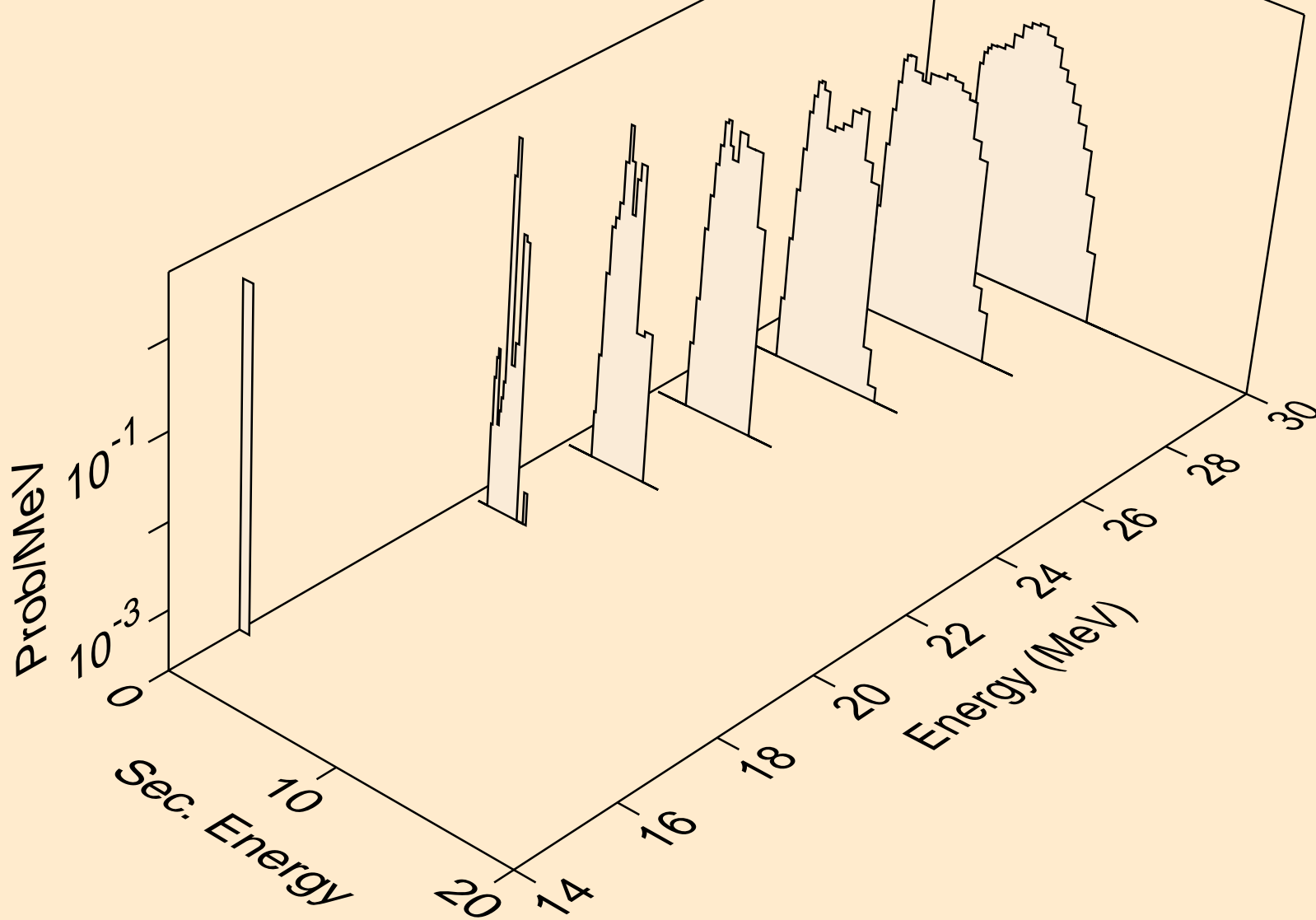
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



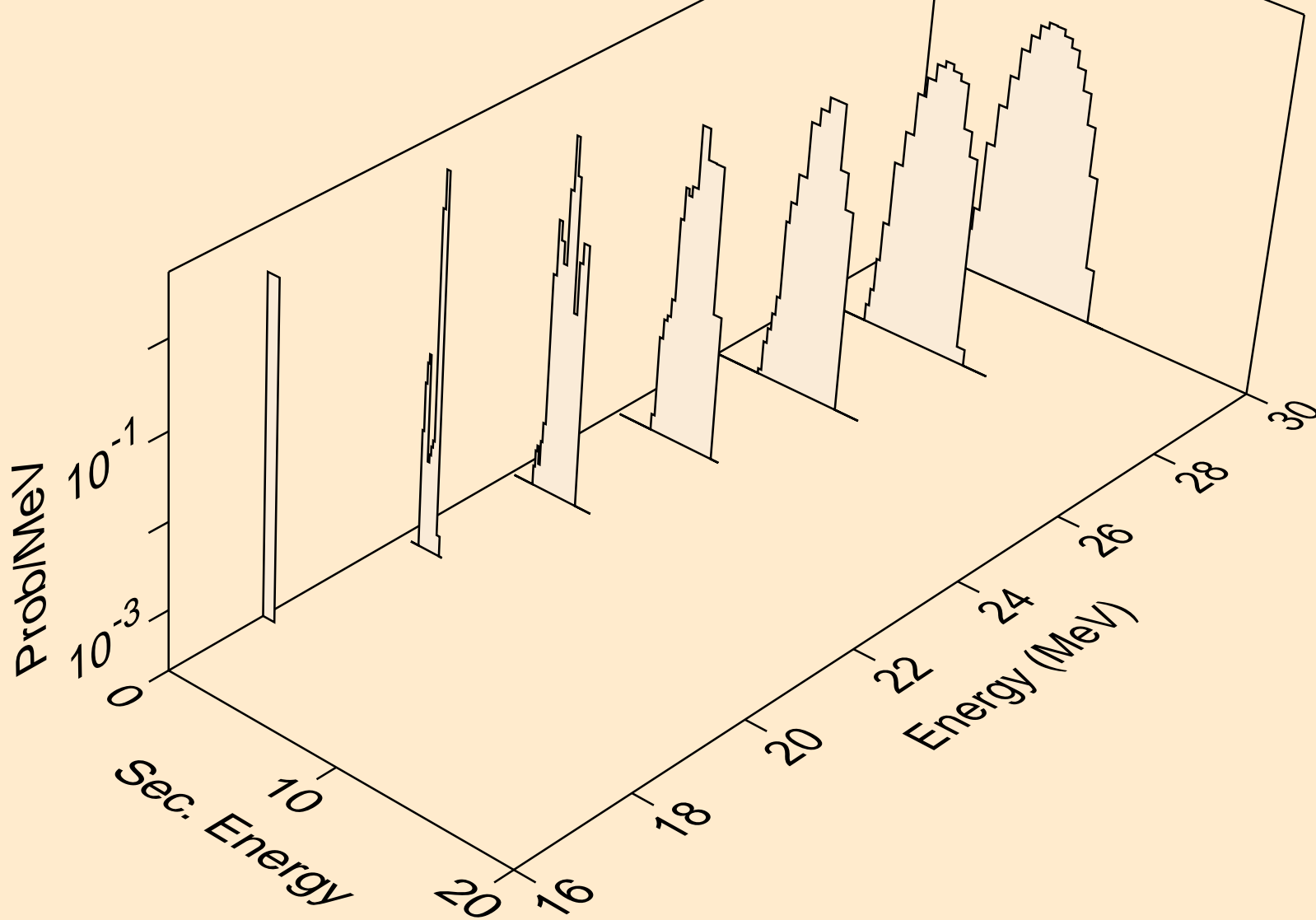
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



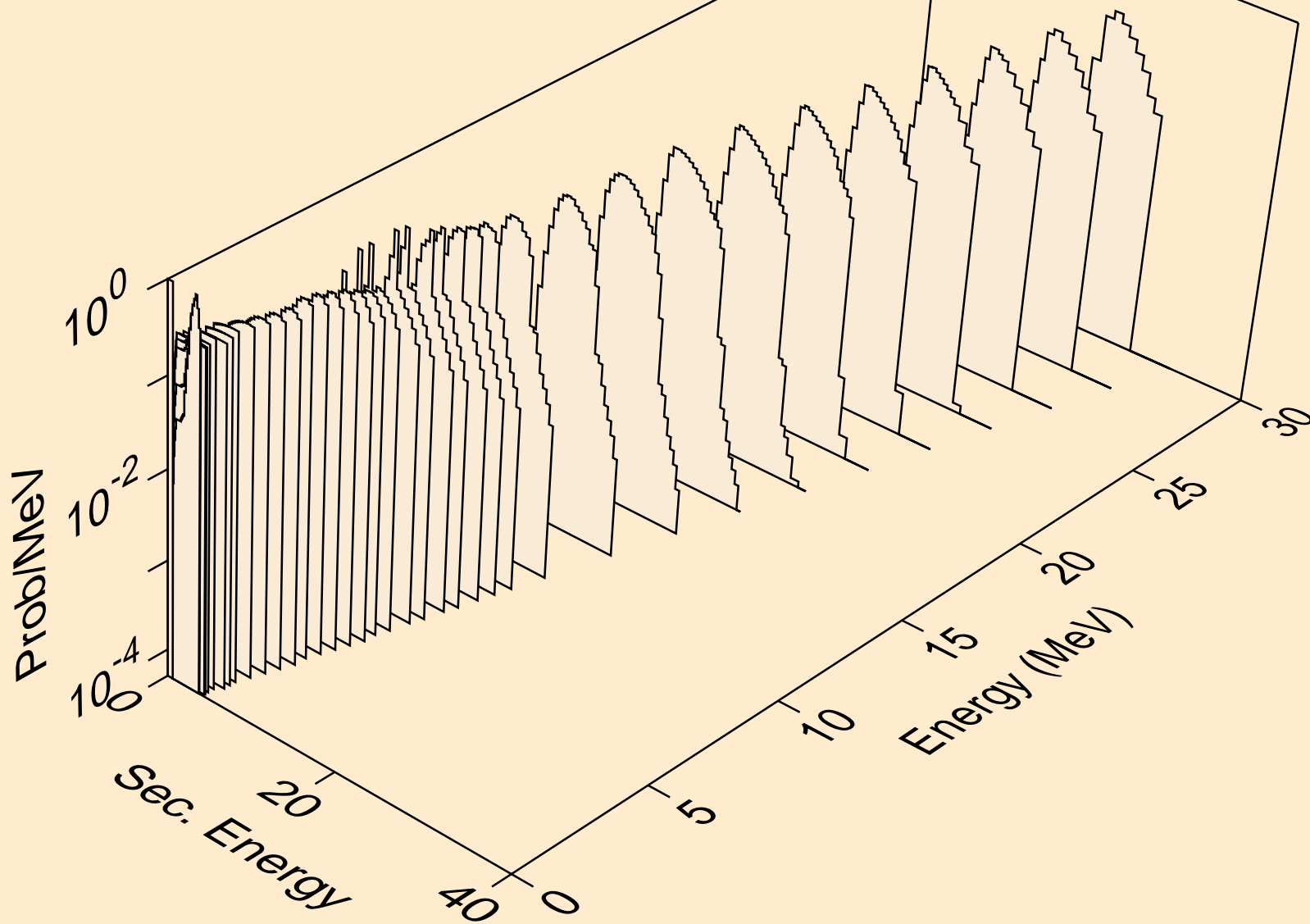
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



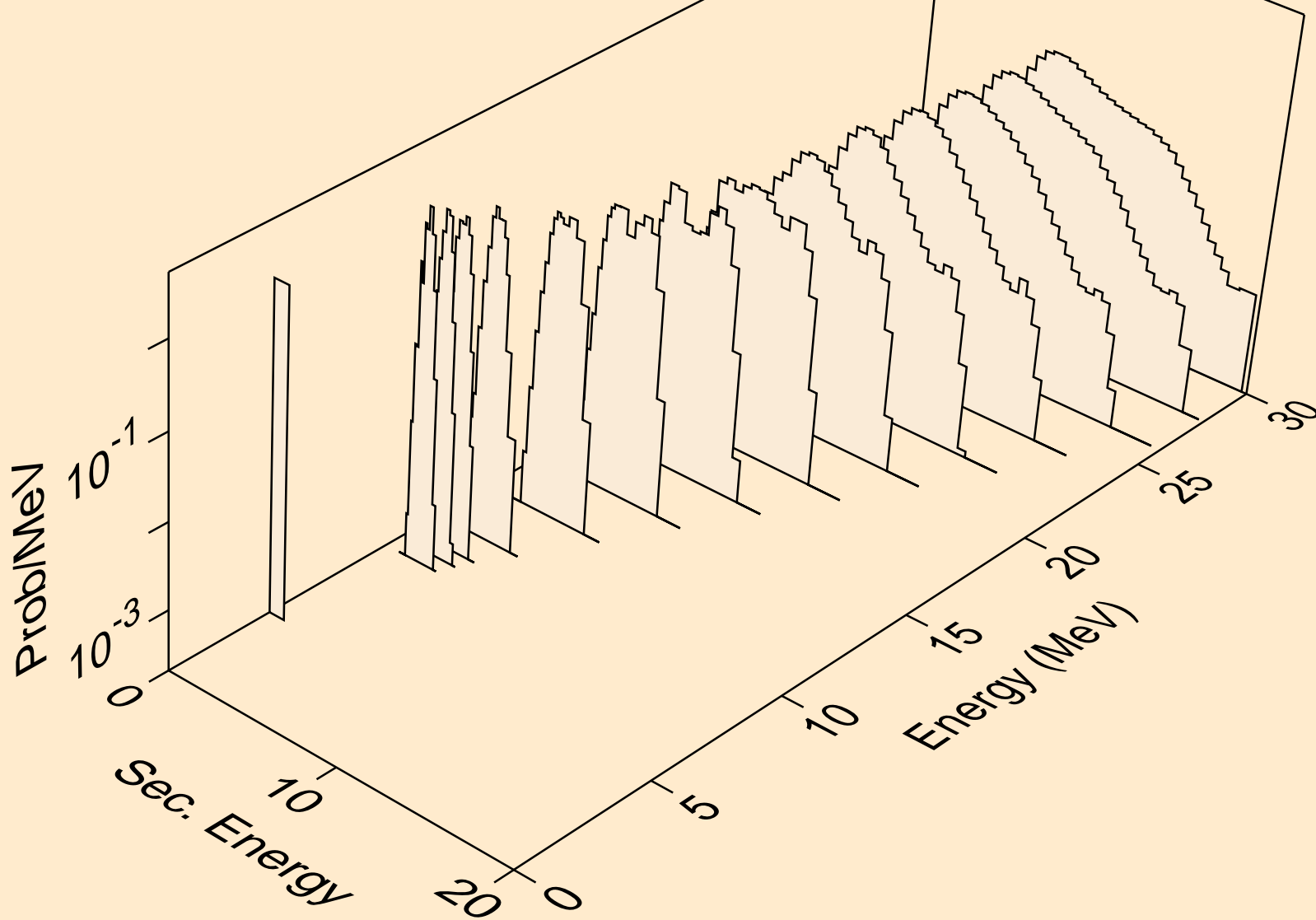
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



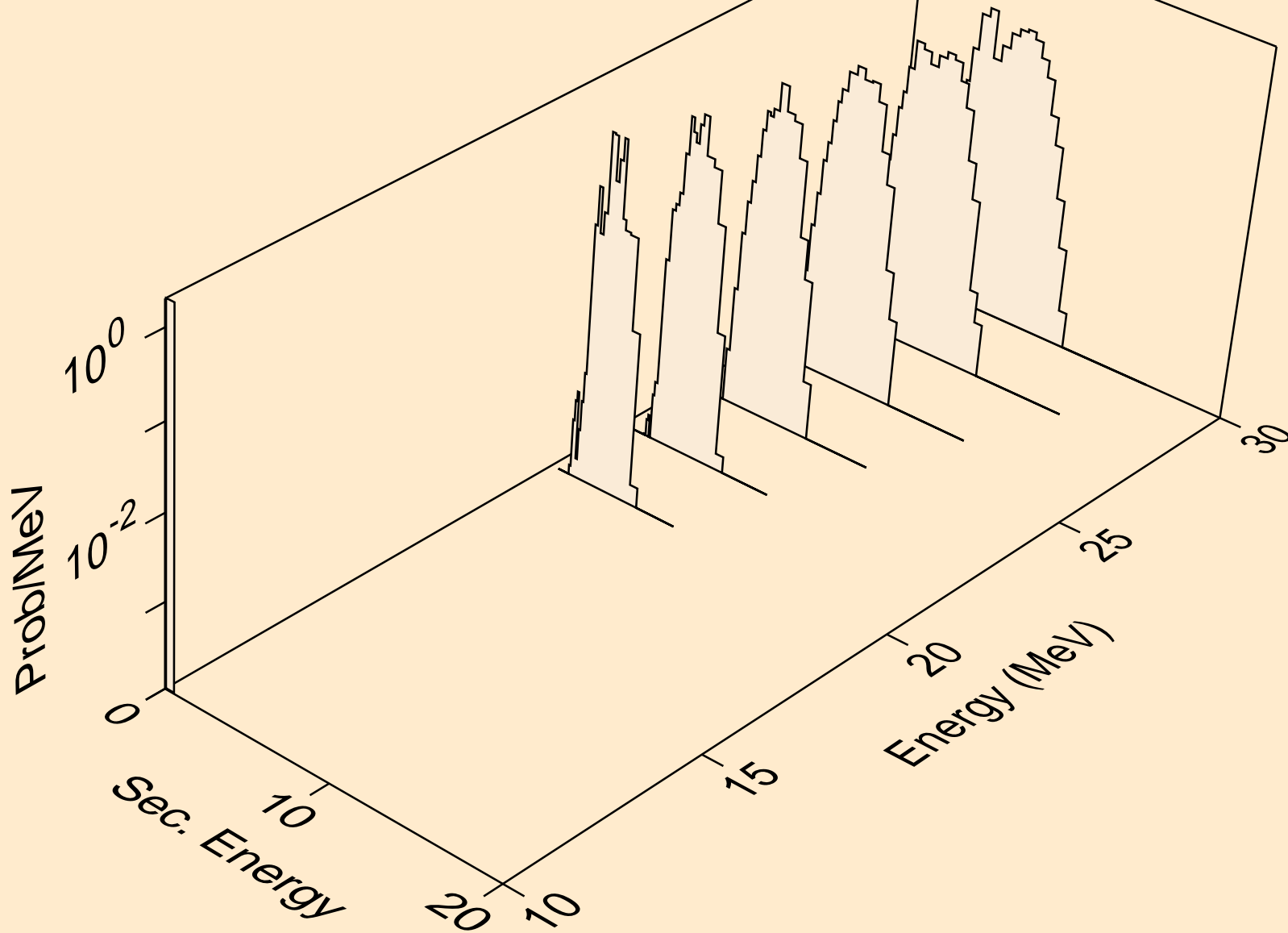
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



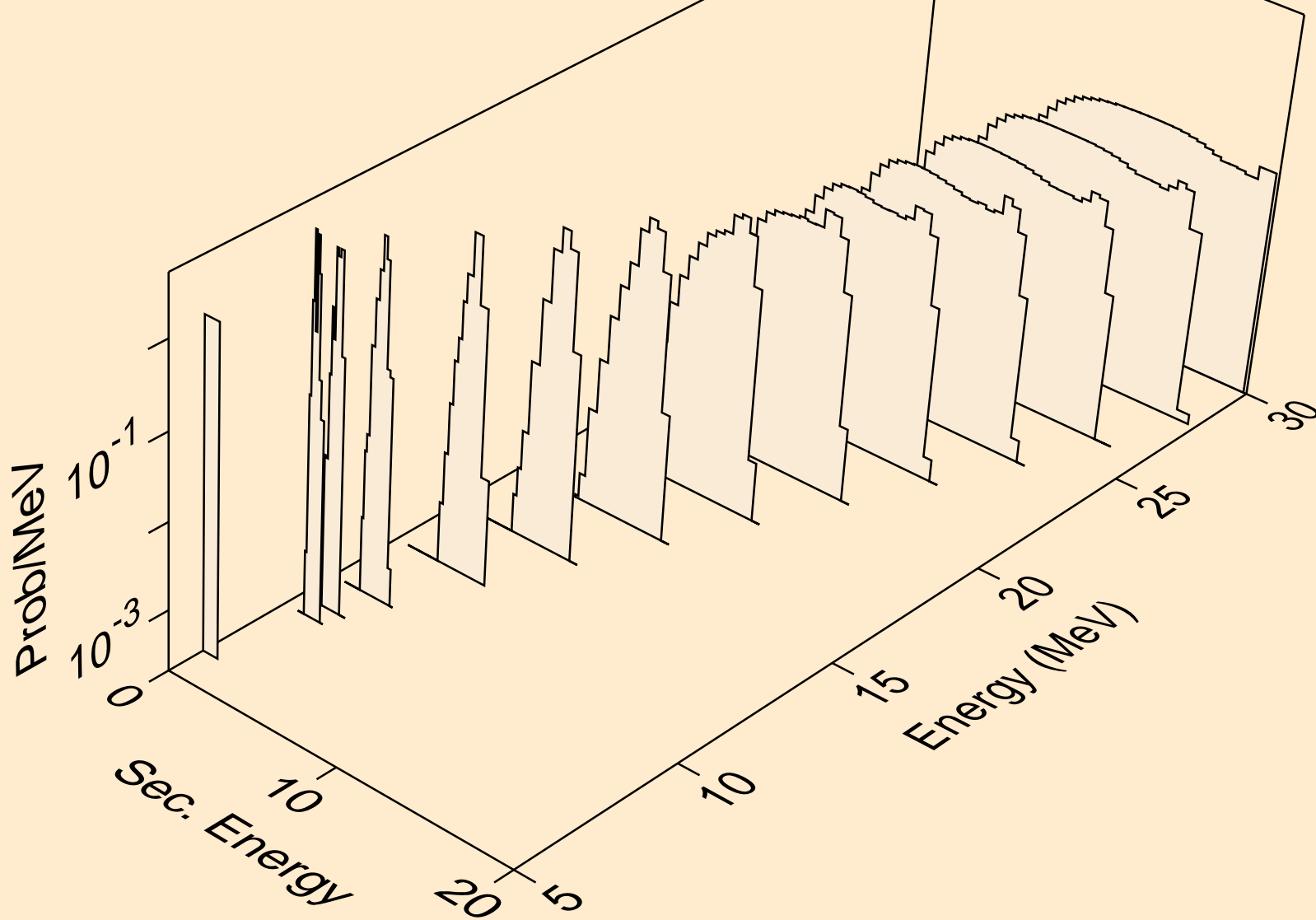
CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



CR049 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

