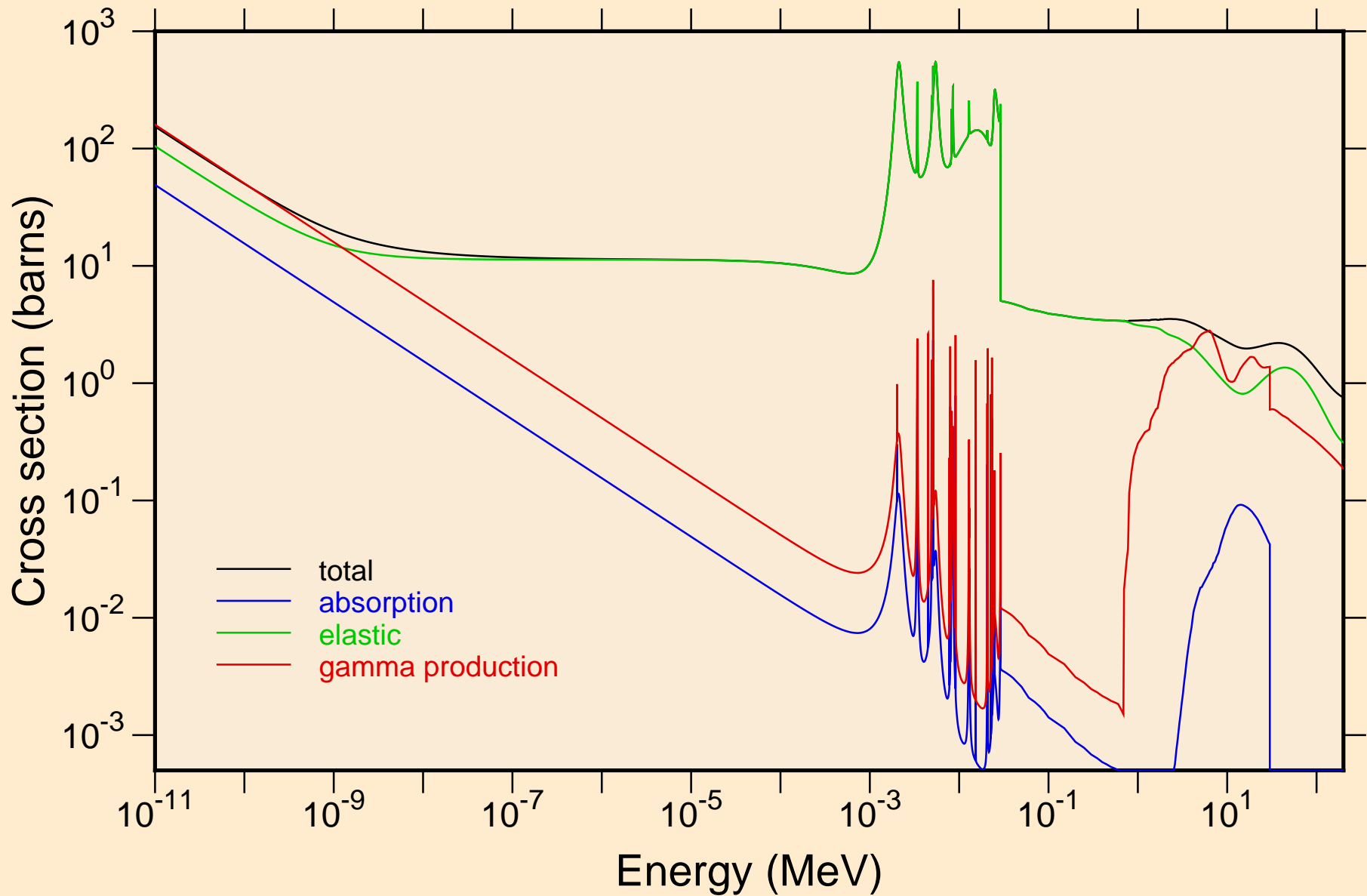
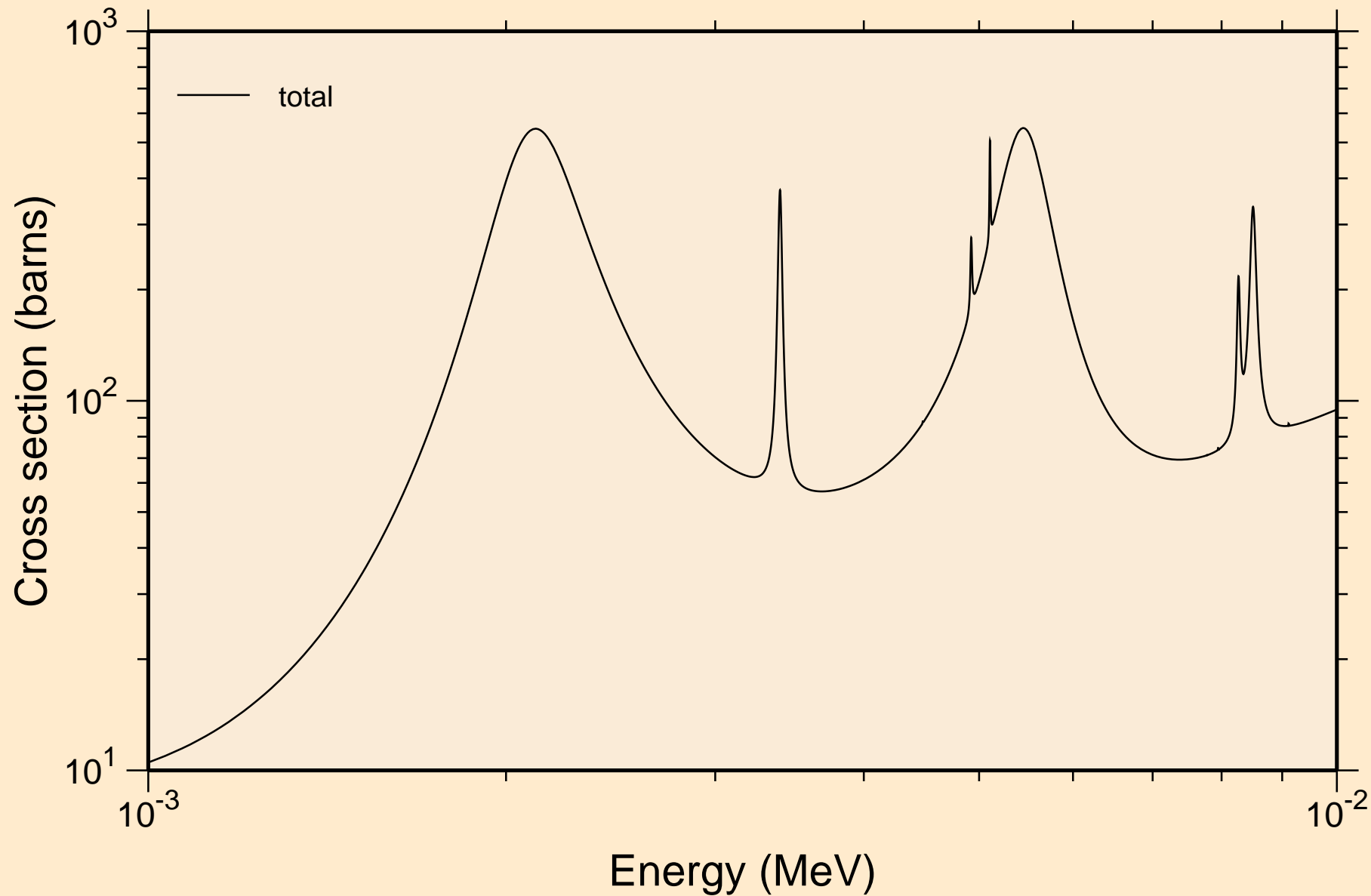


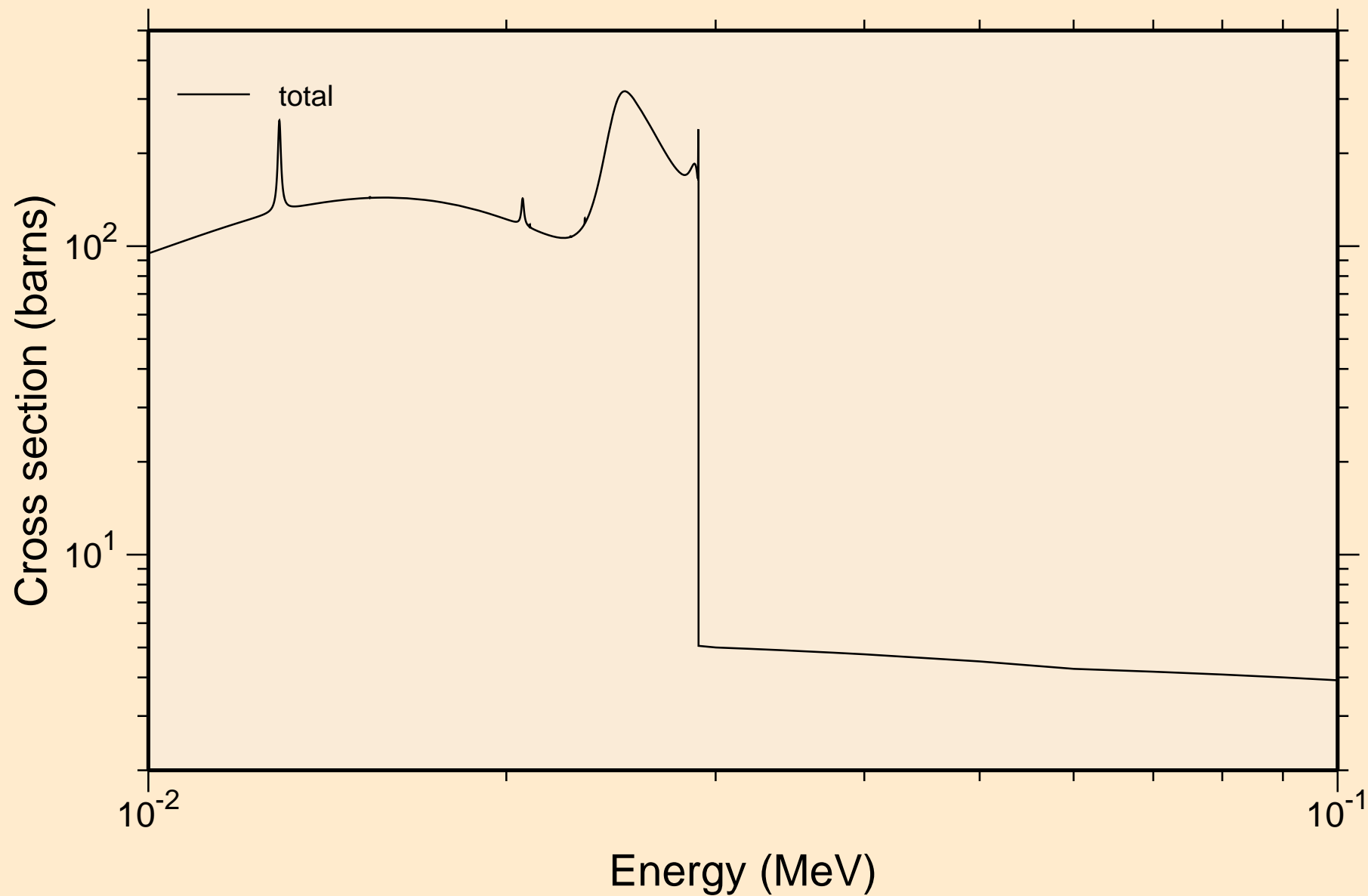
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



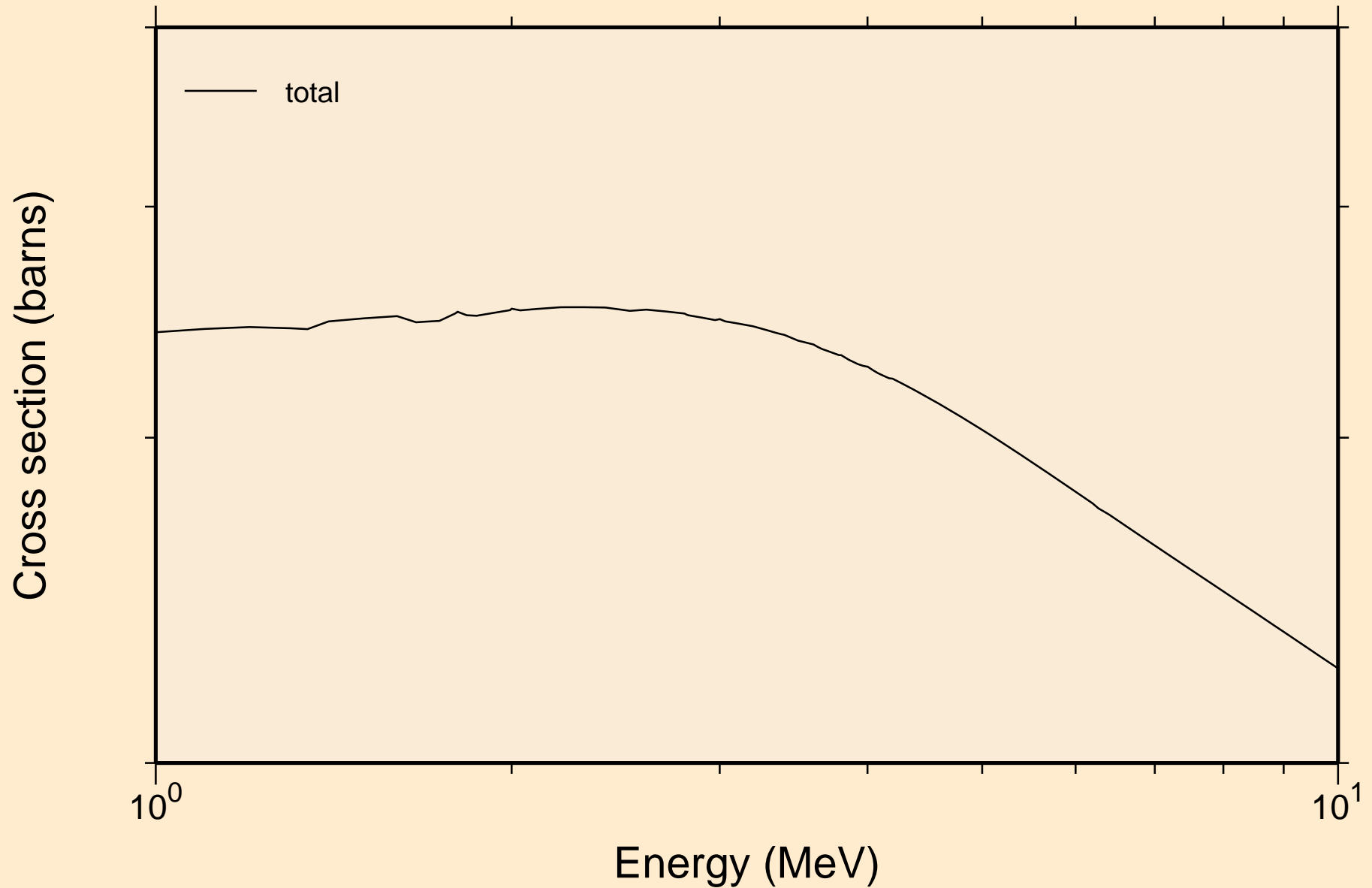
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



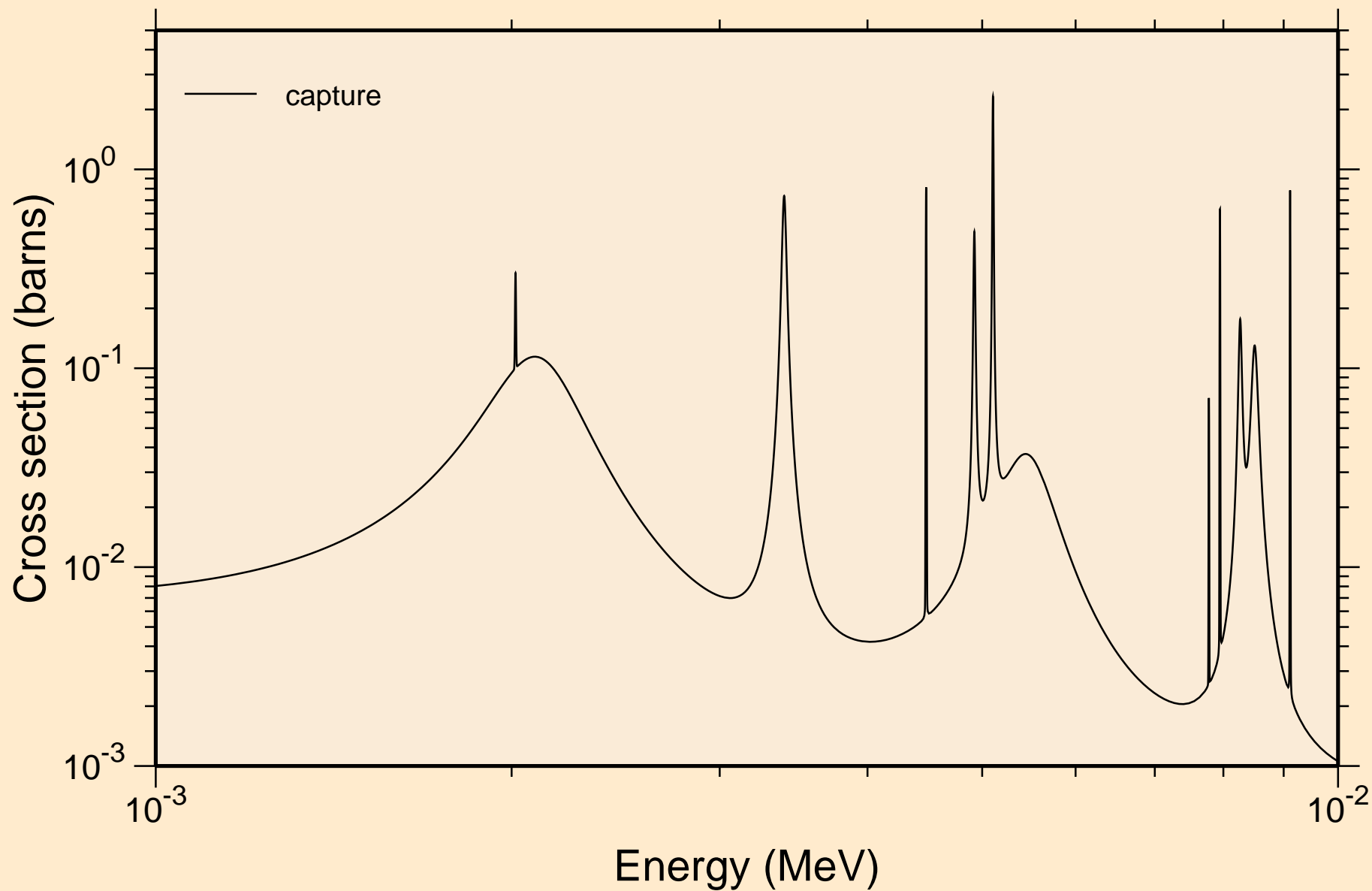
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



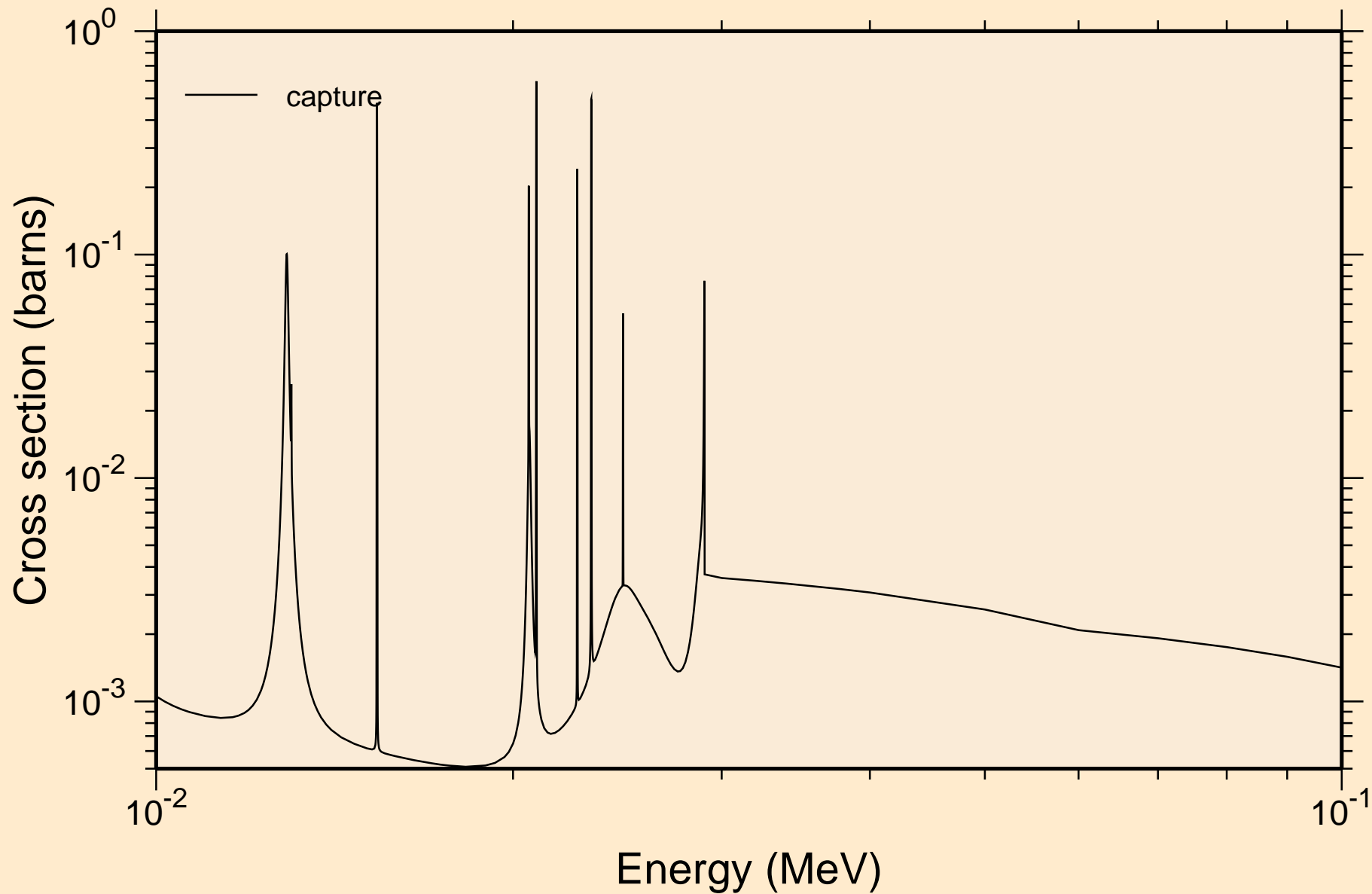
C̄L038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



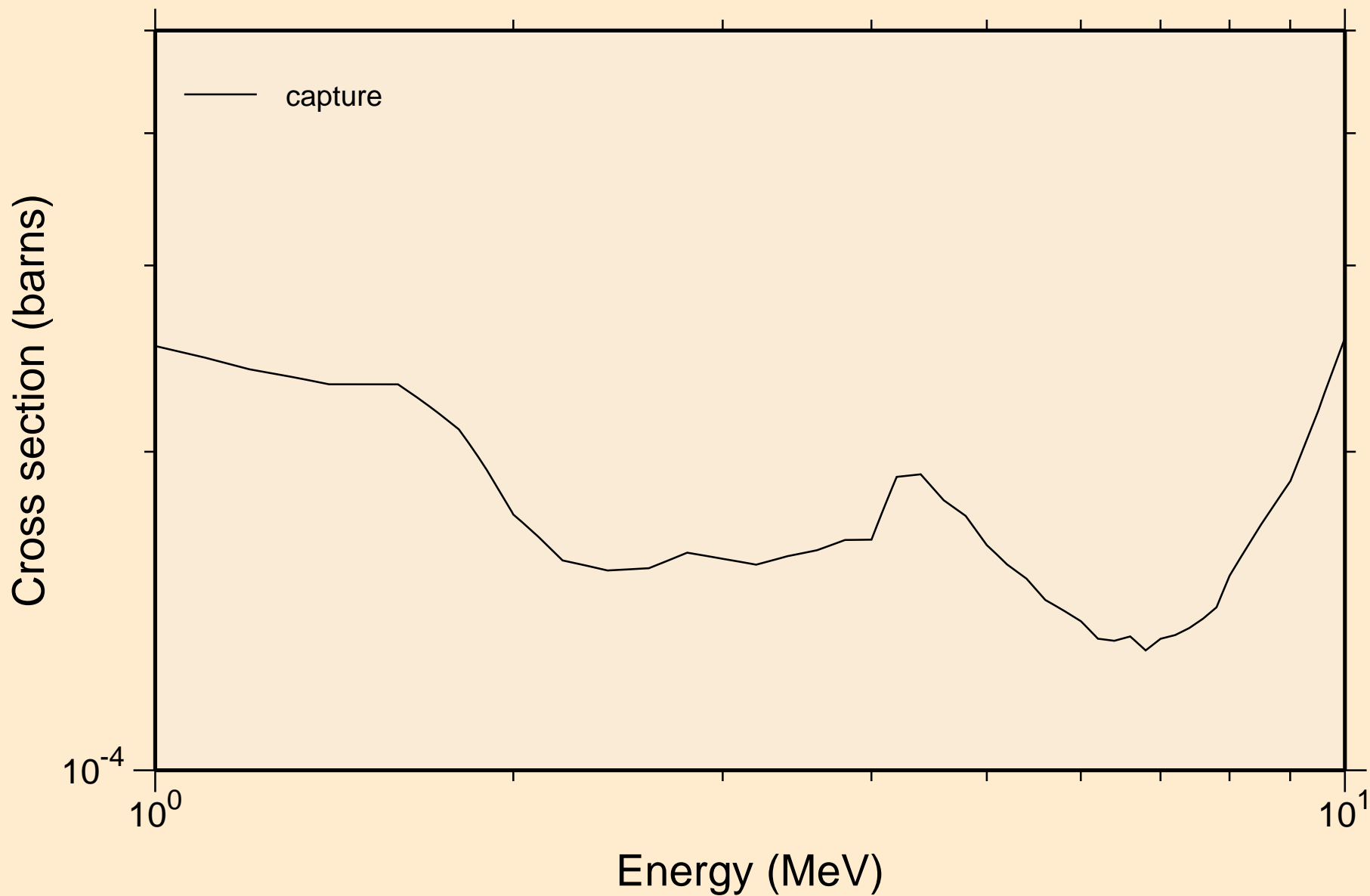
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



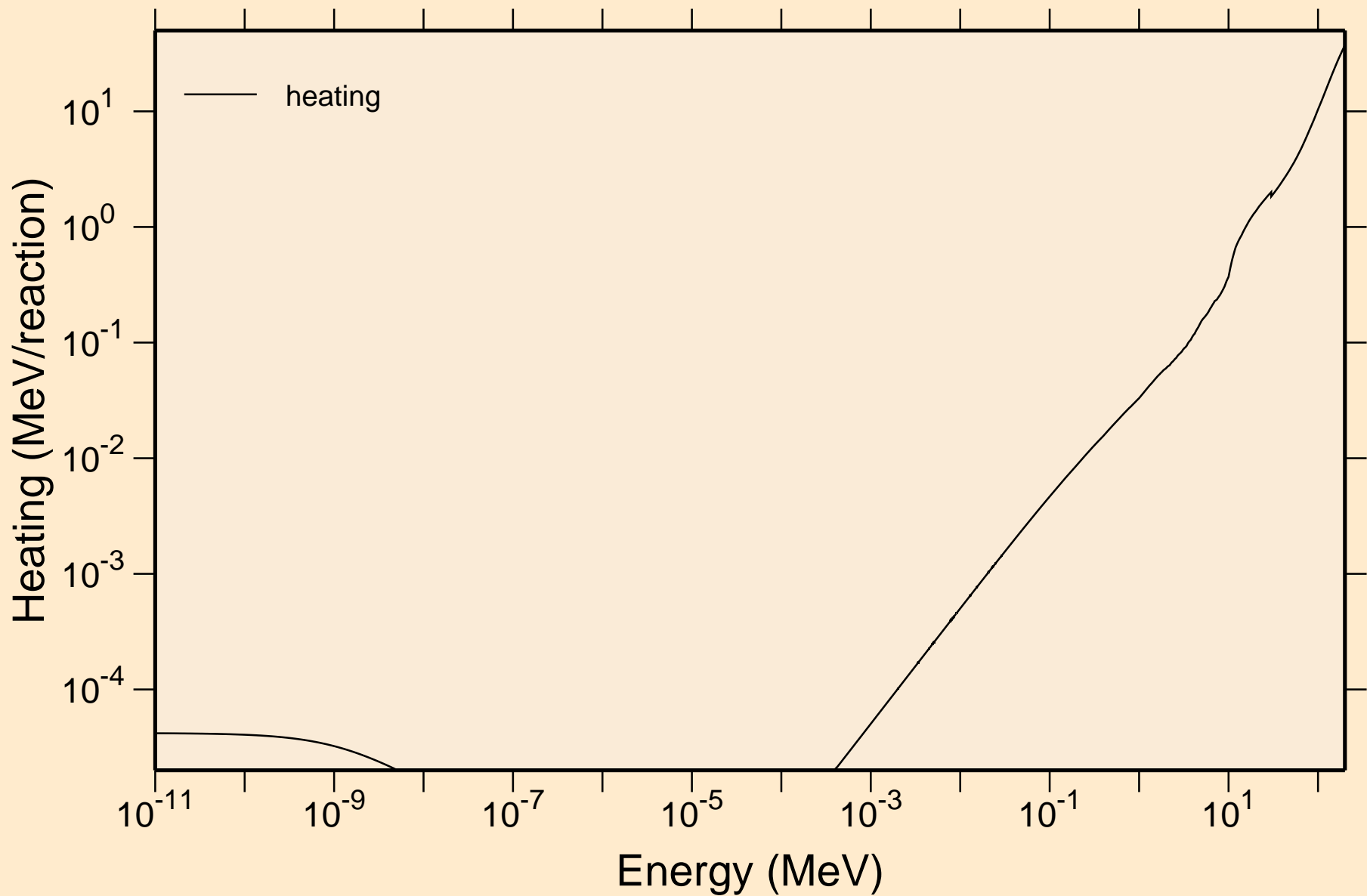
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



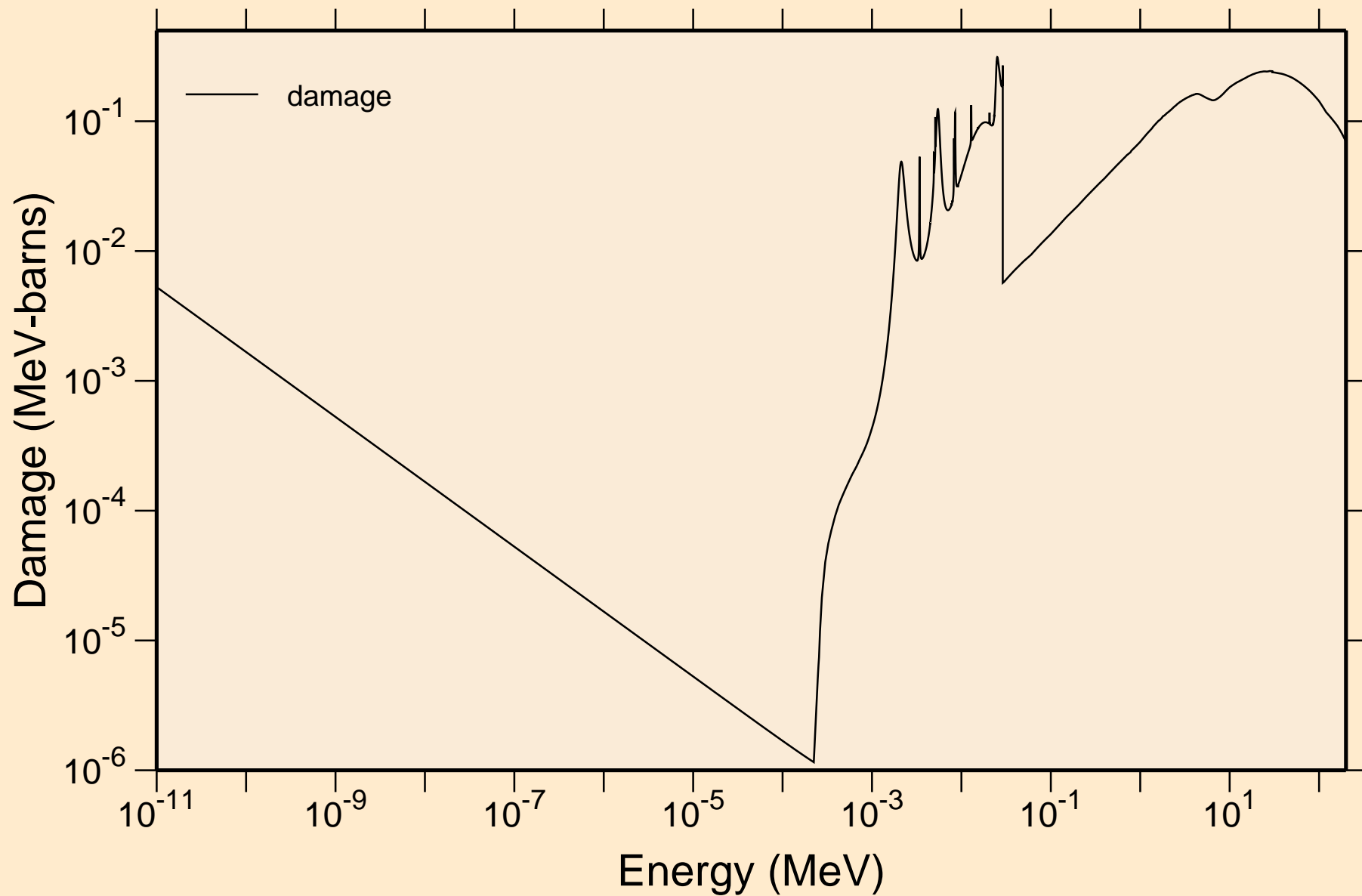
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



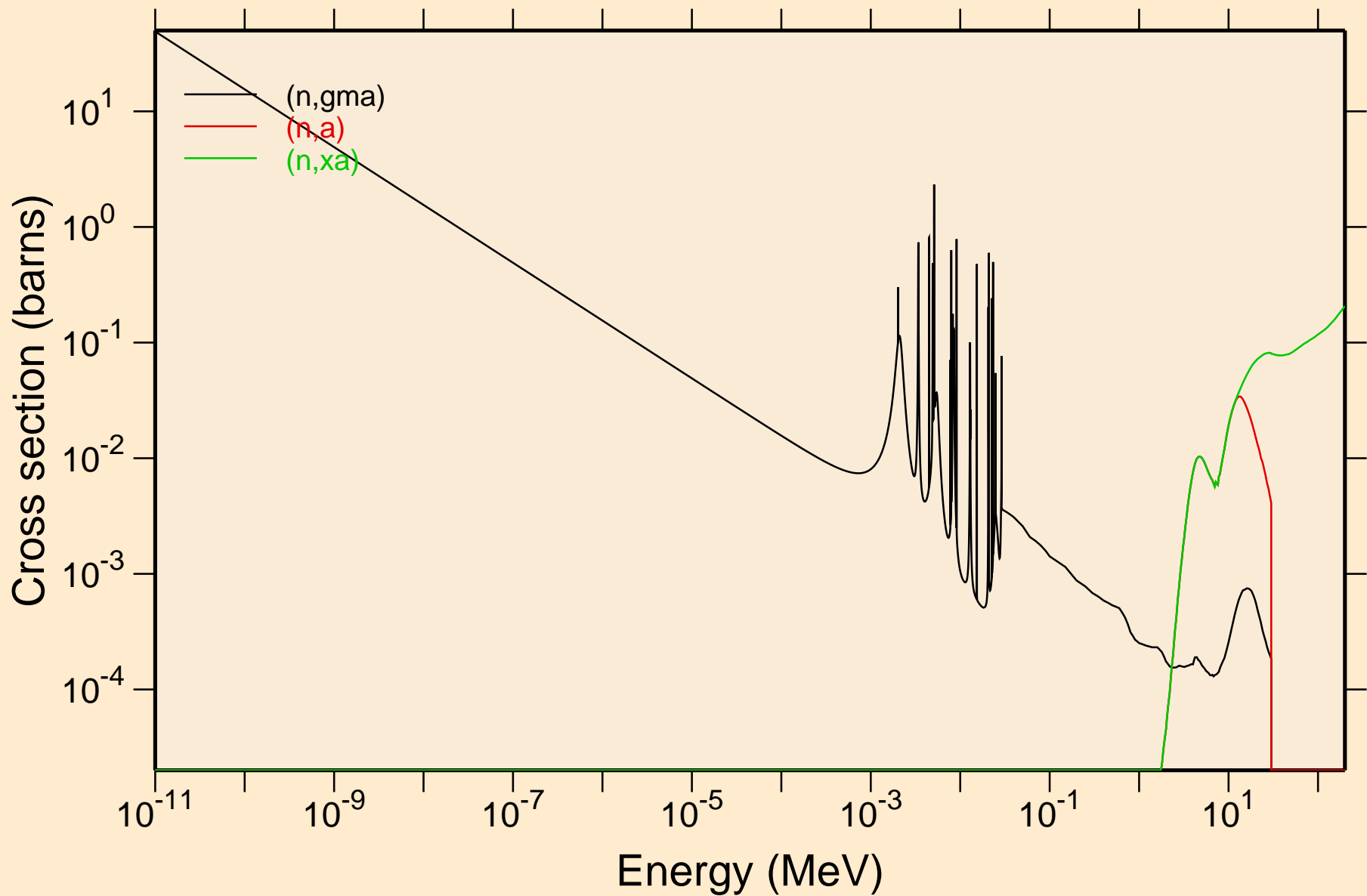
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage

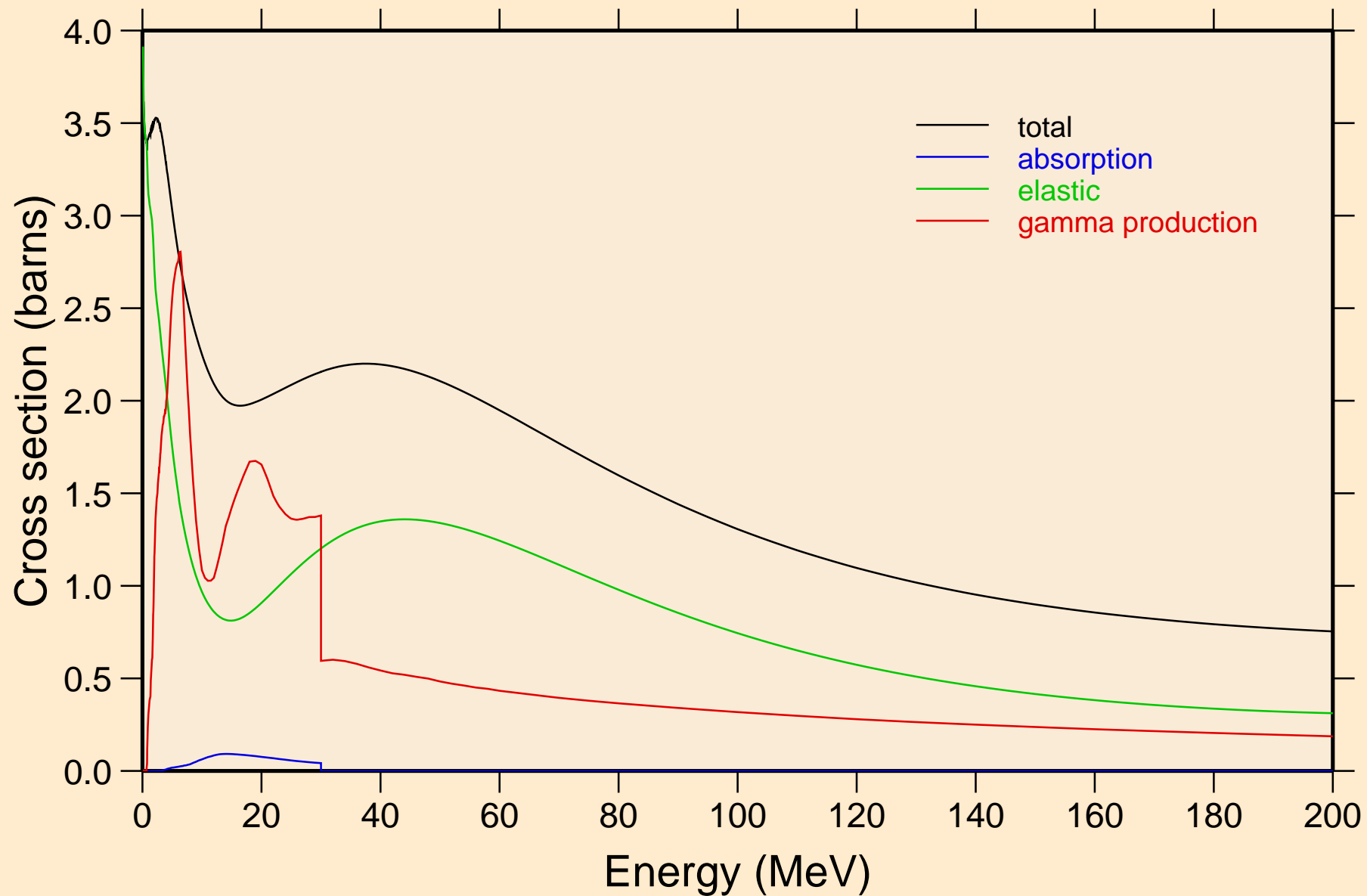


CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

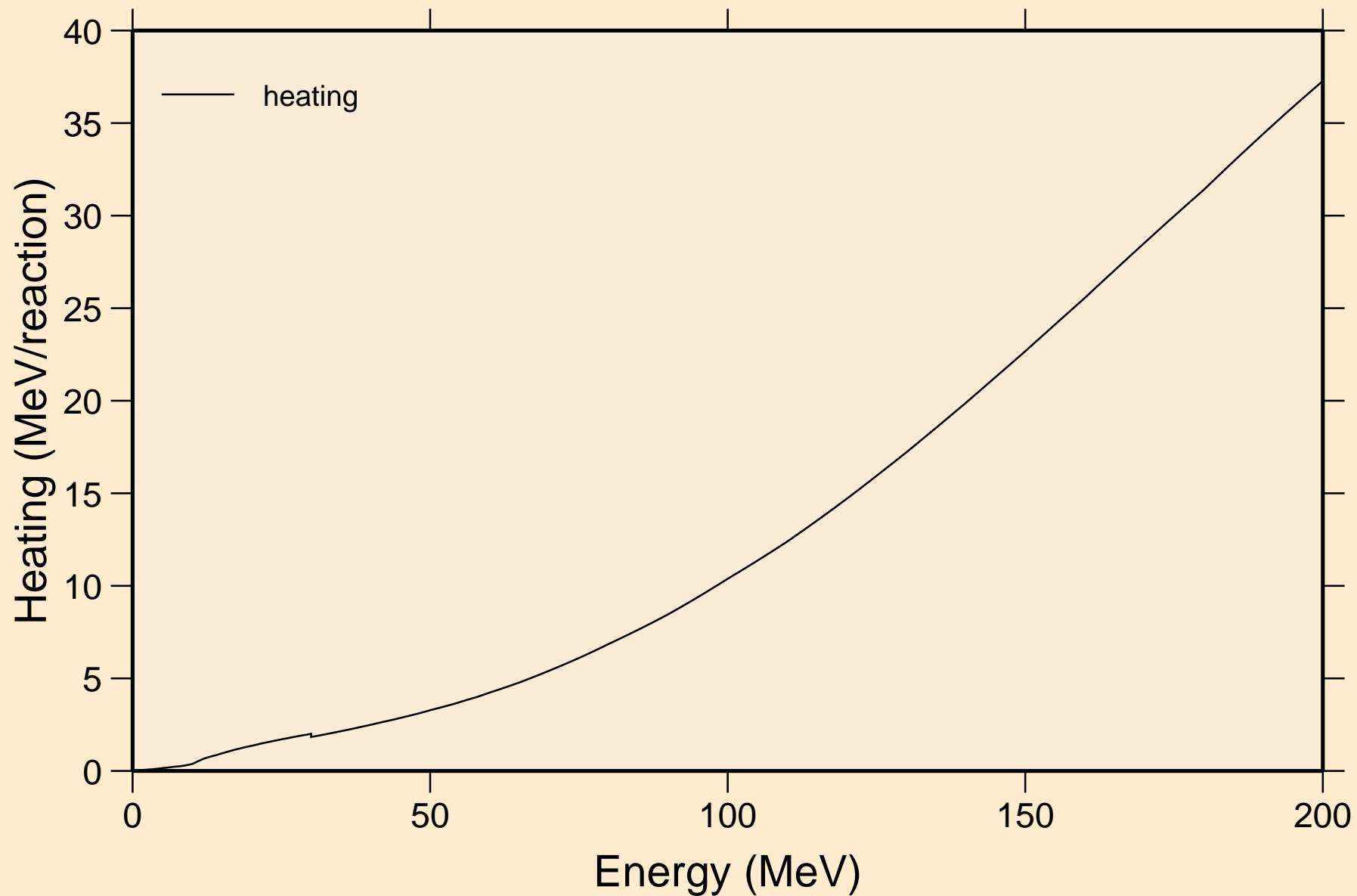


CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

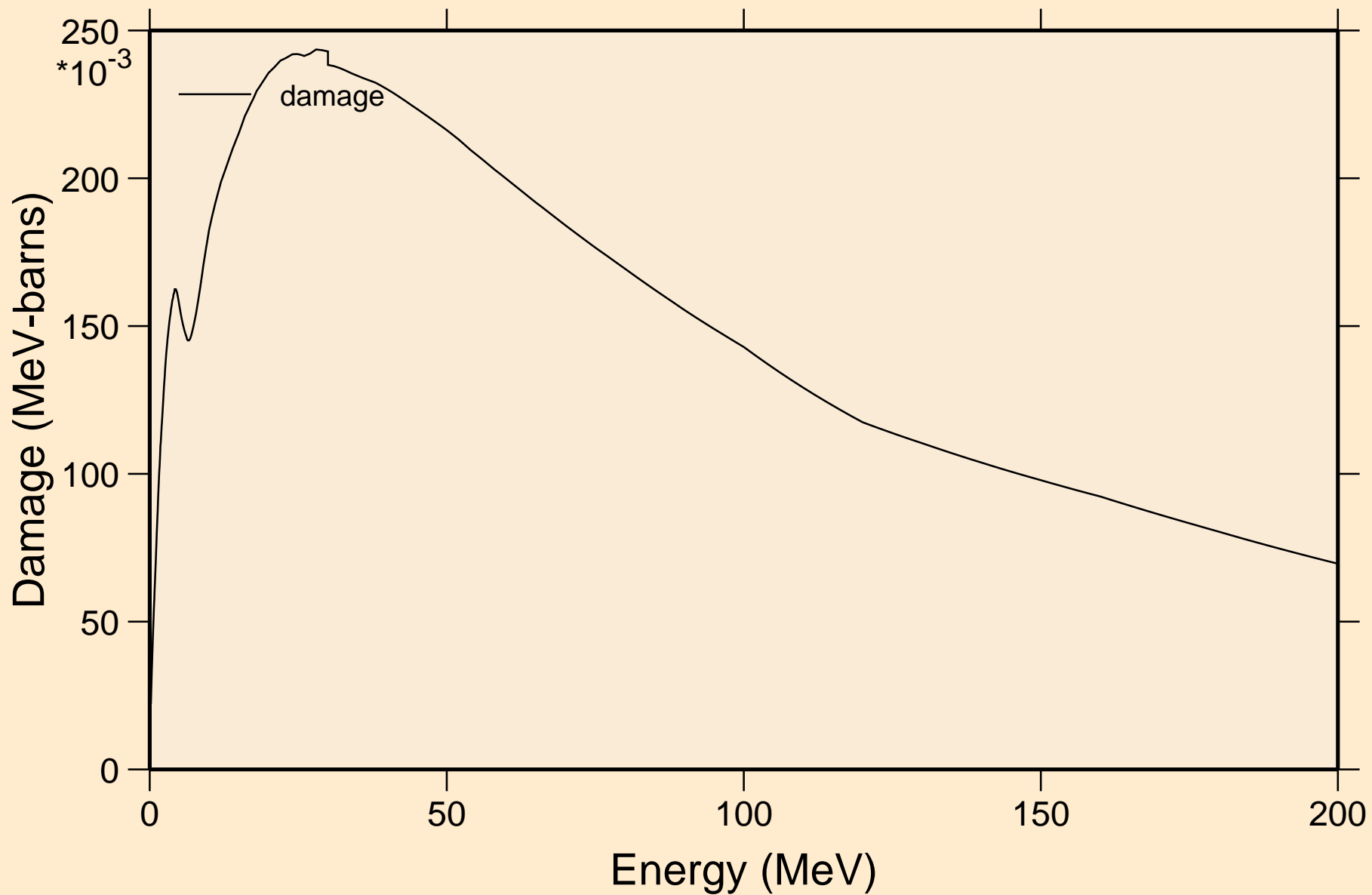
Principal cross sections



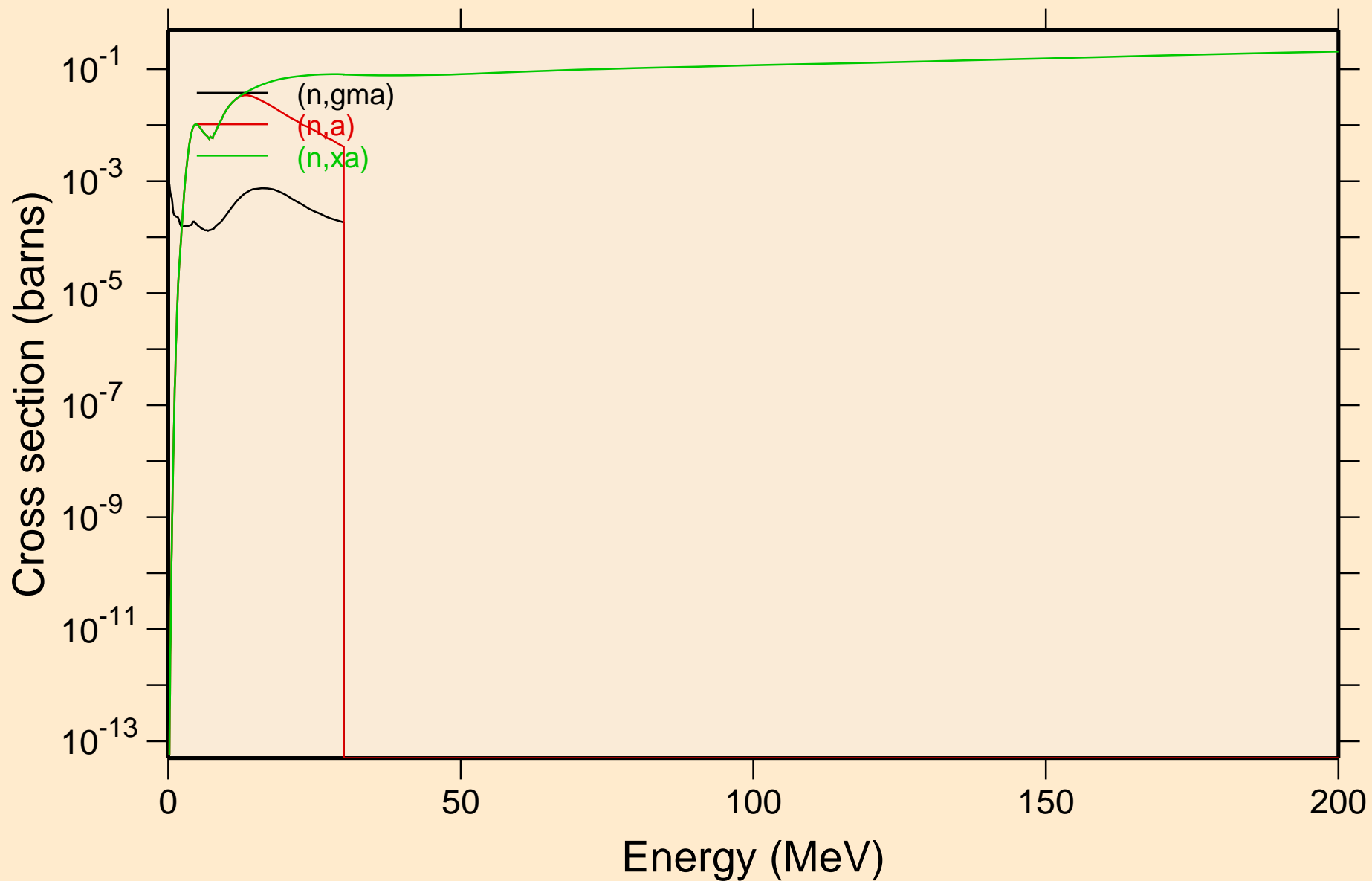
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



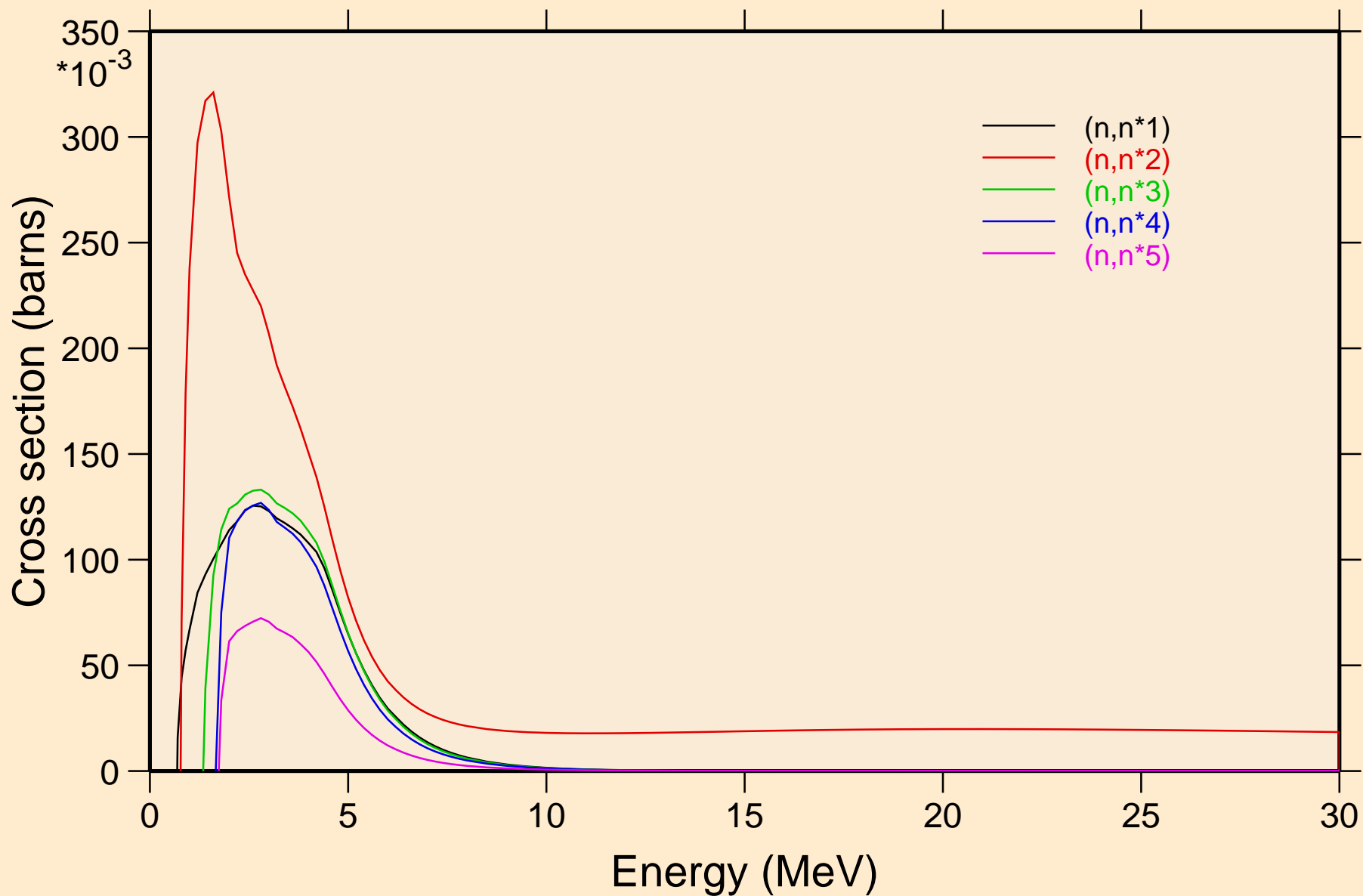
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



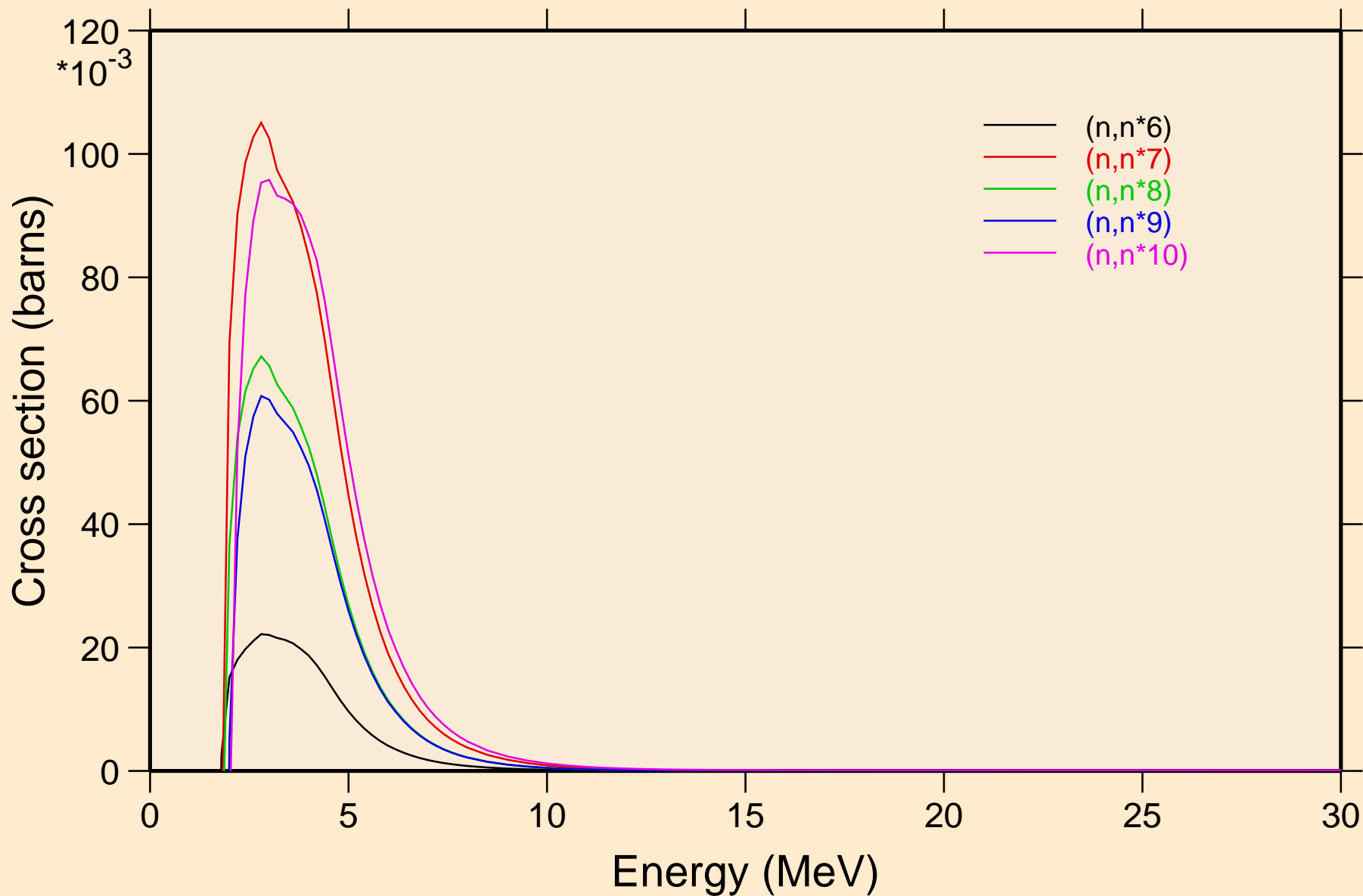
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



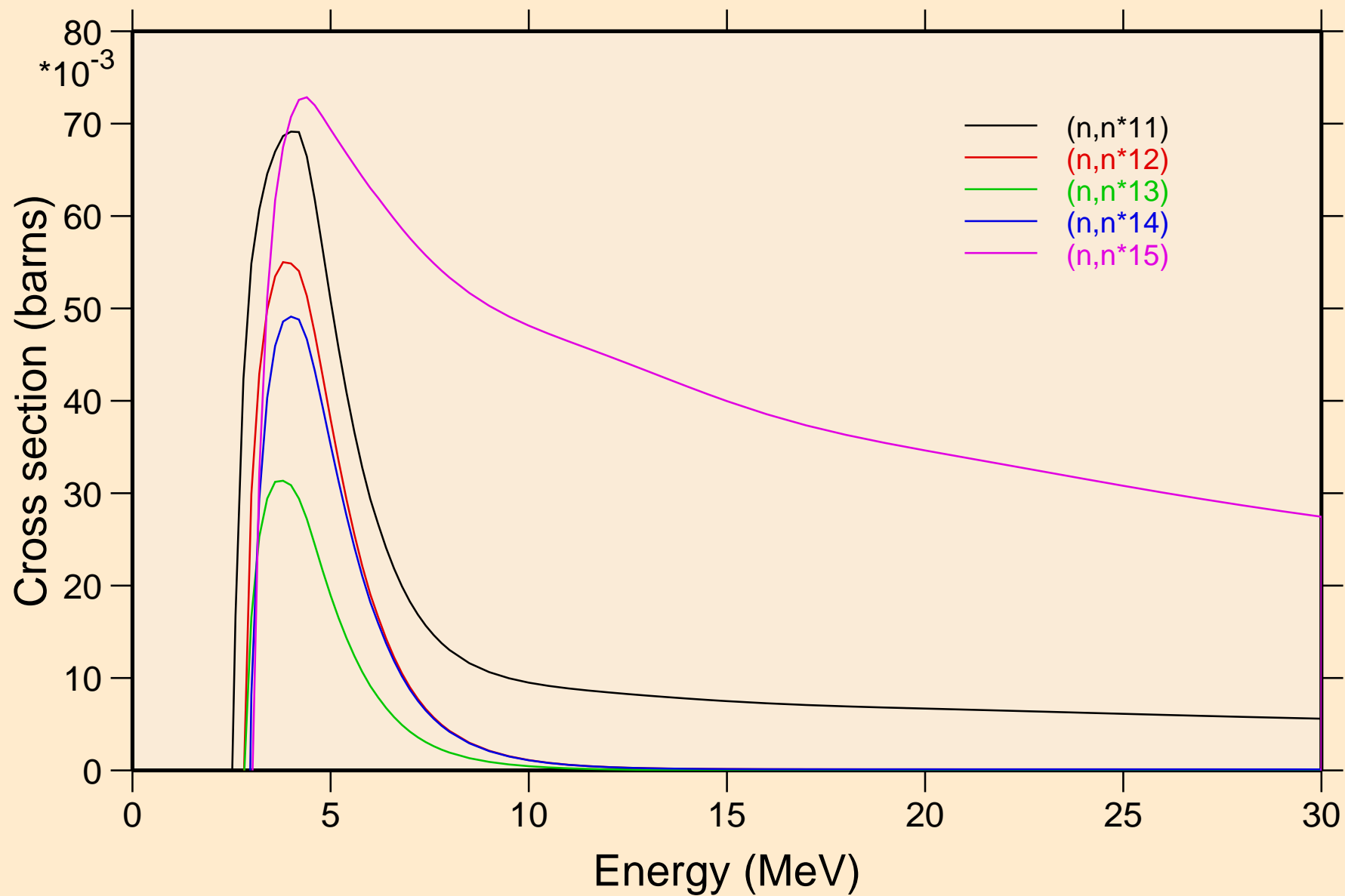
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



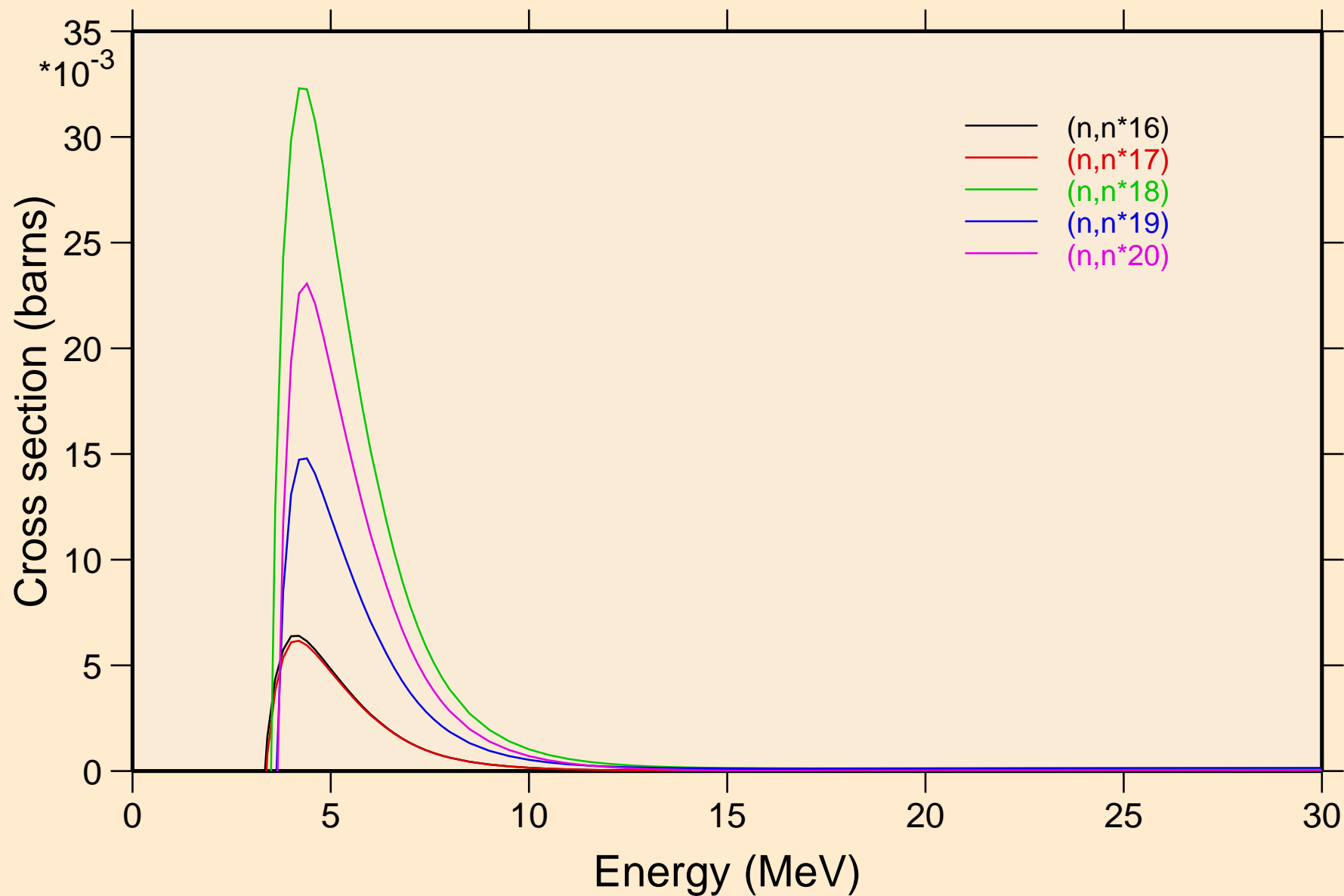
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



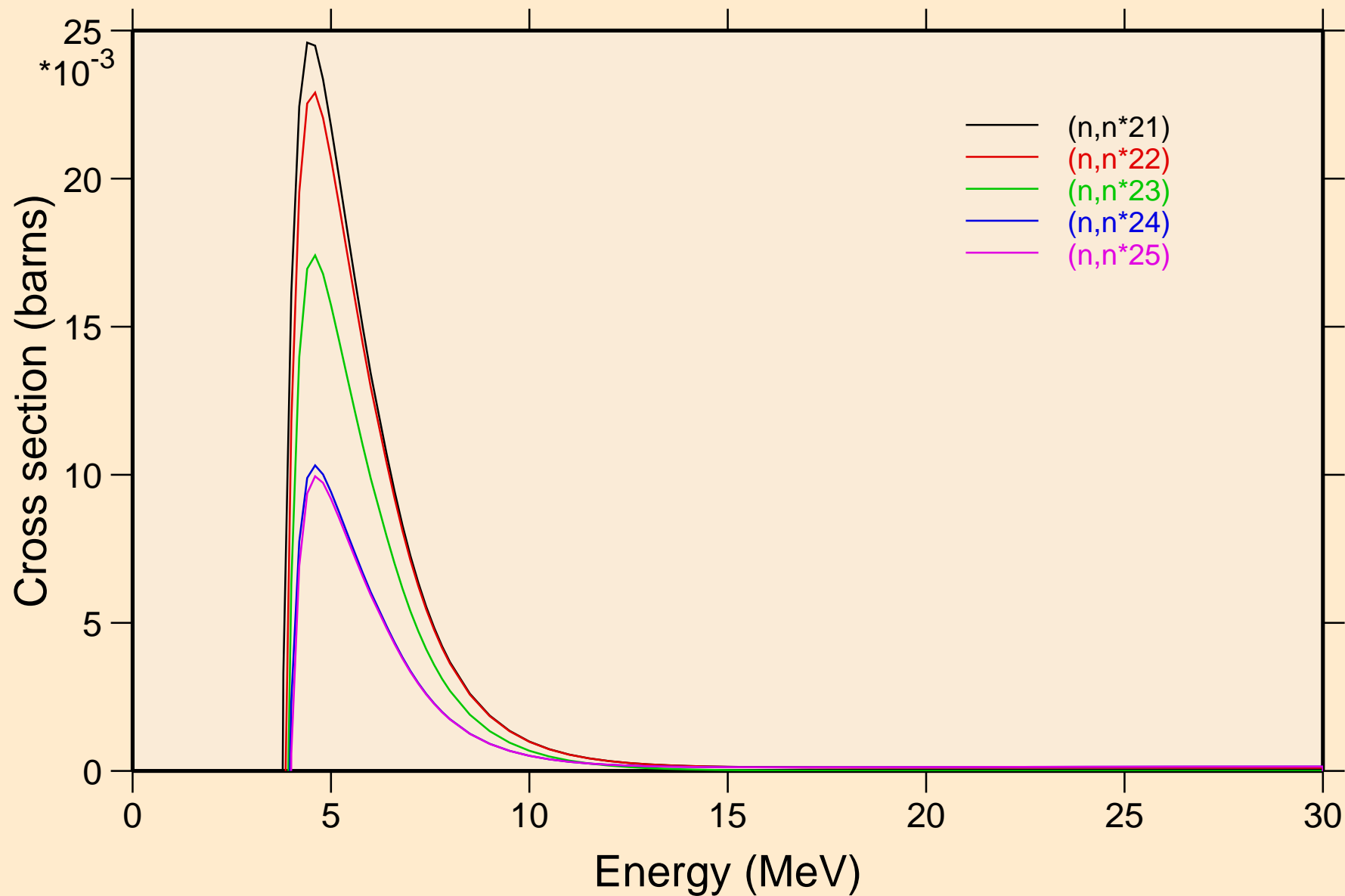
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



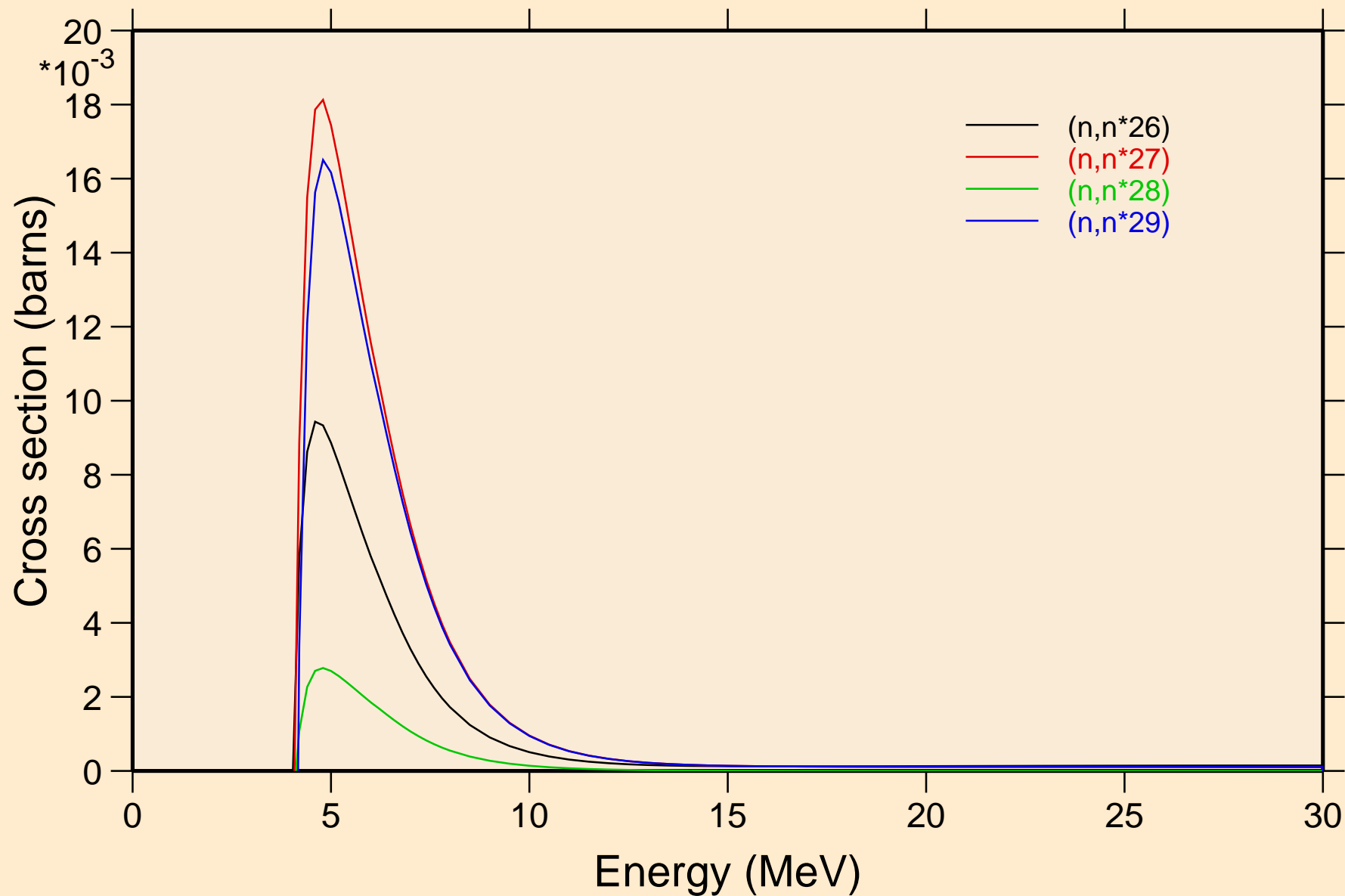
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

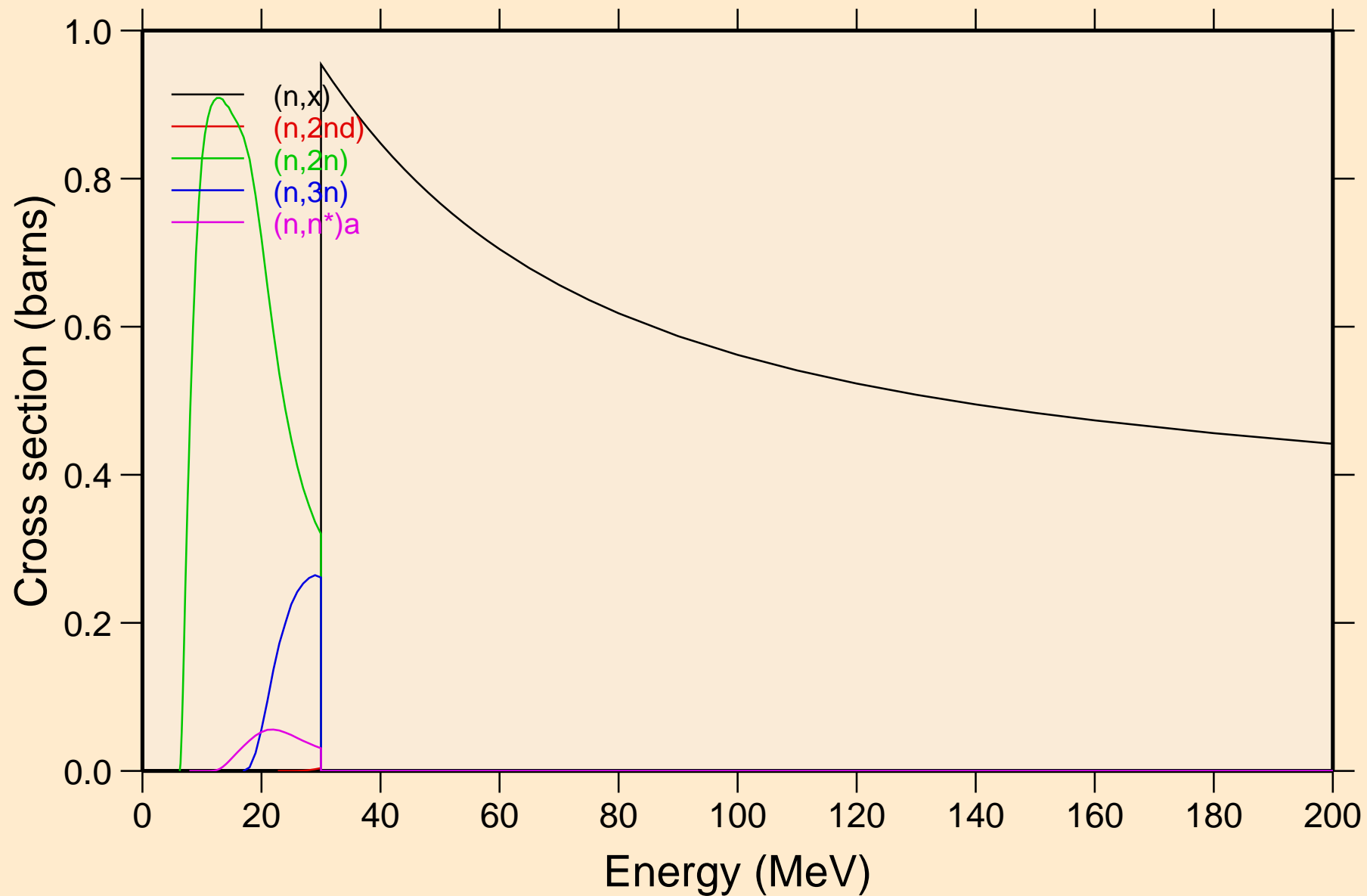


CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

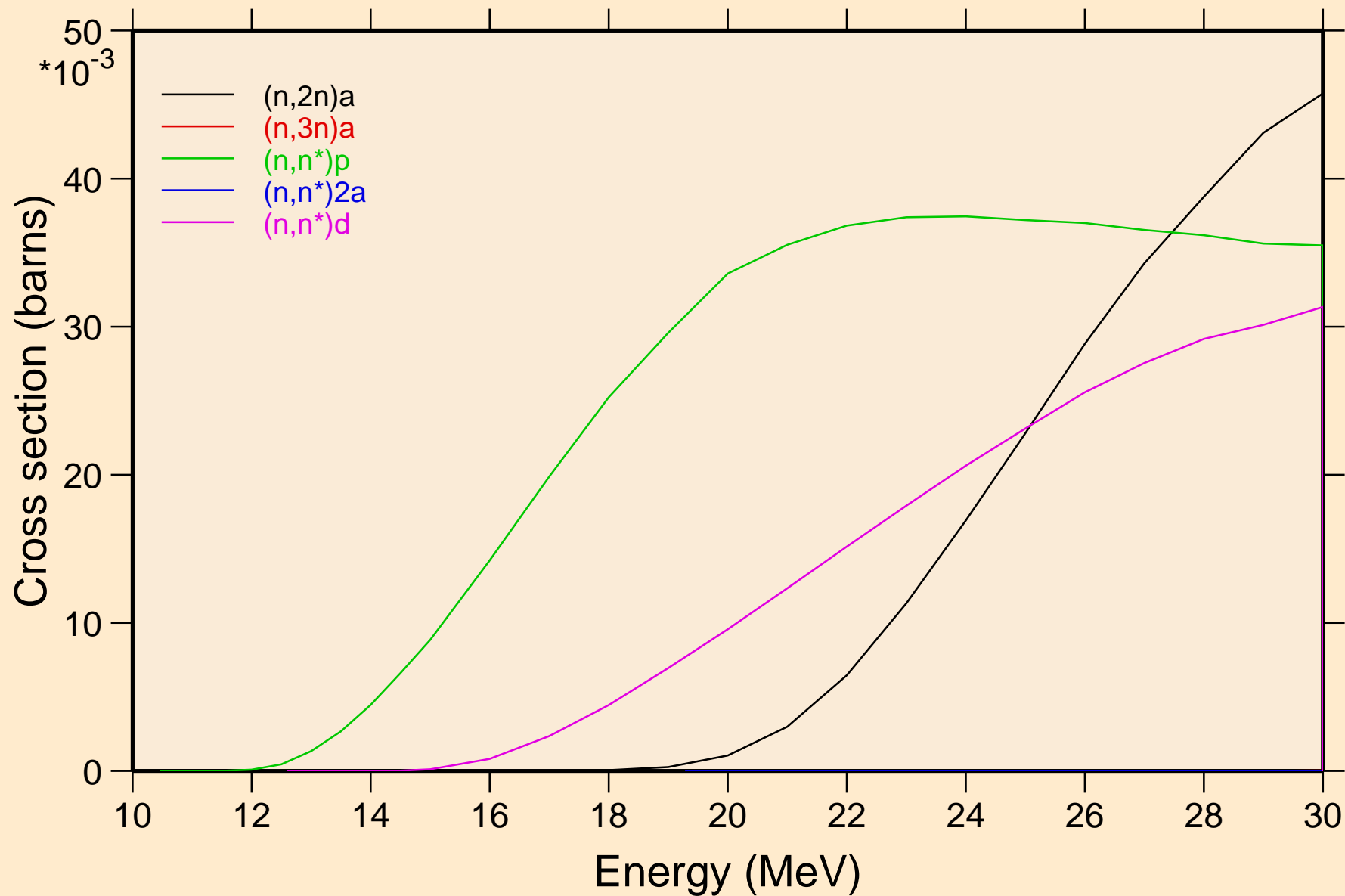


CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

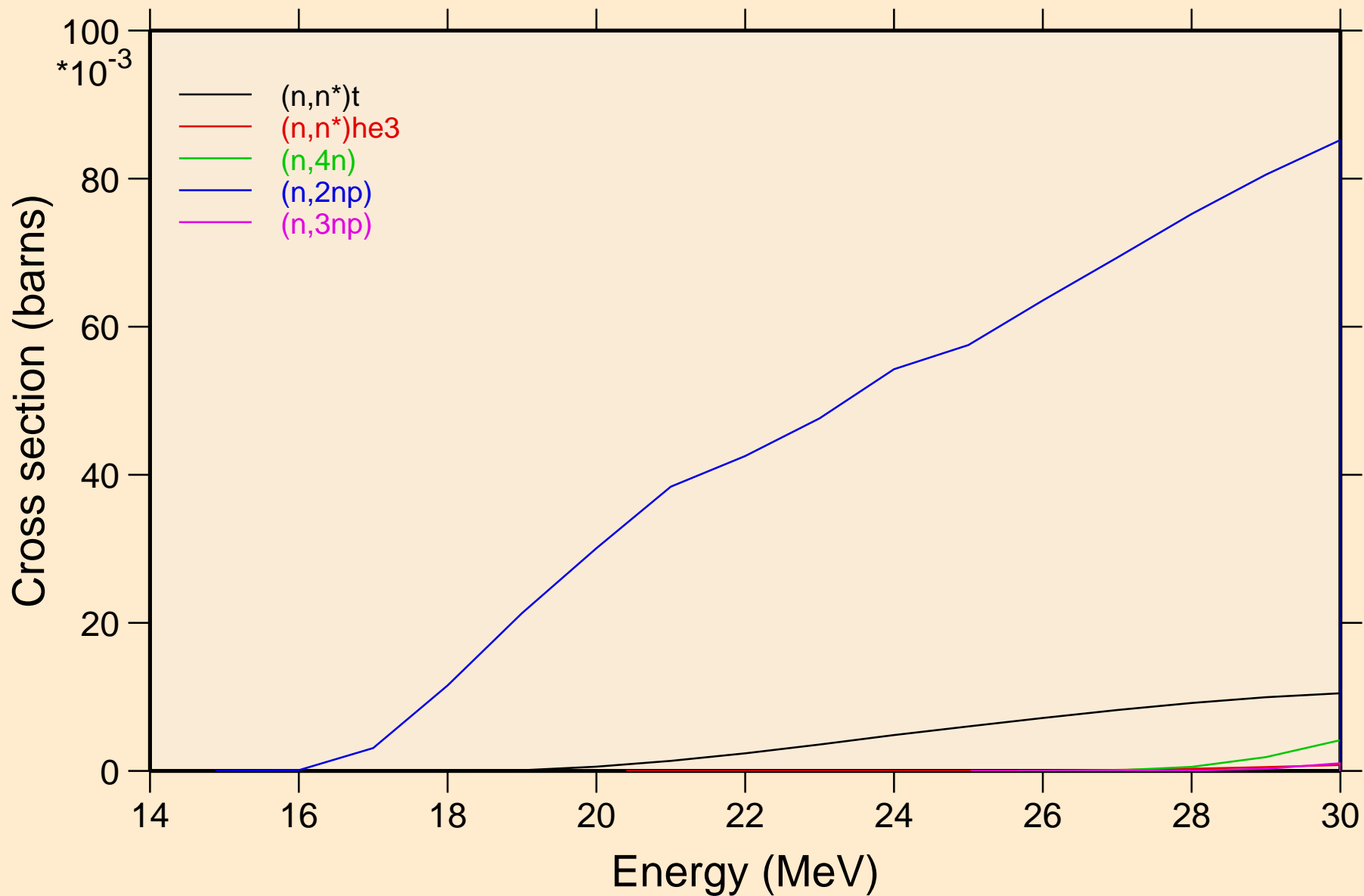


CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

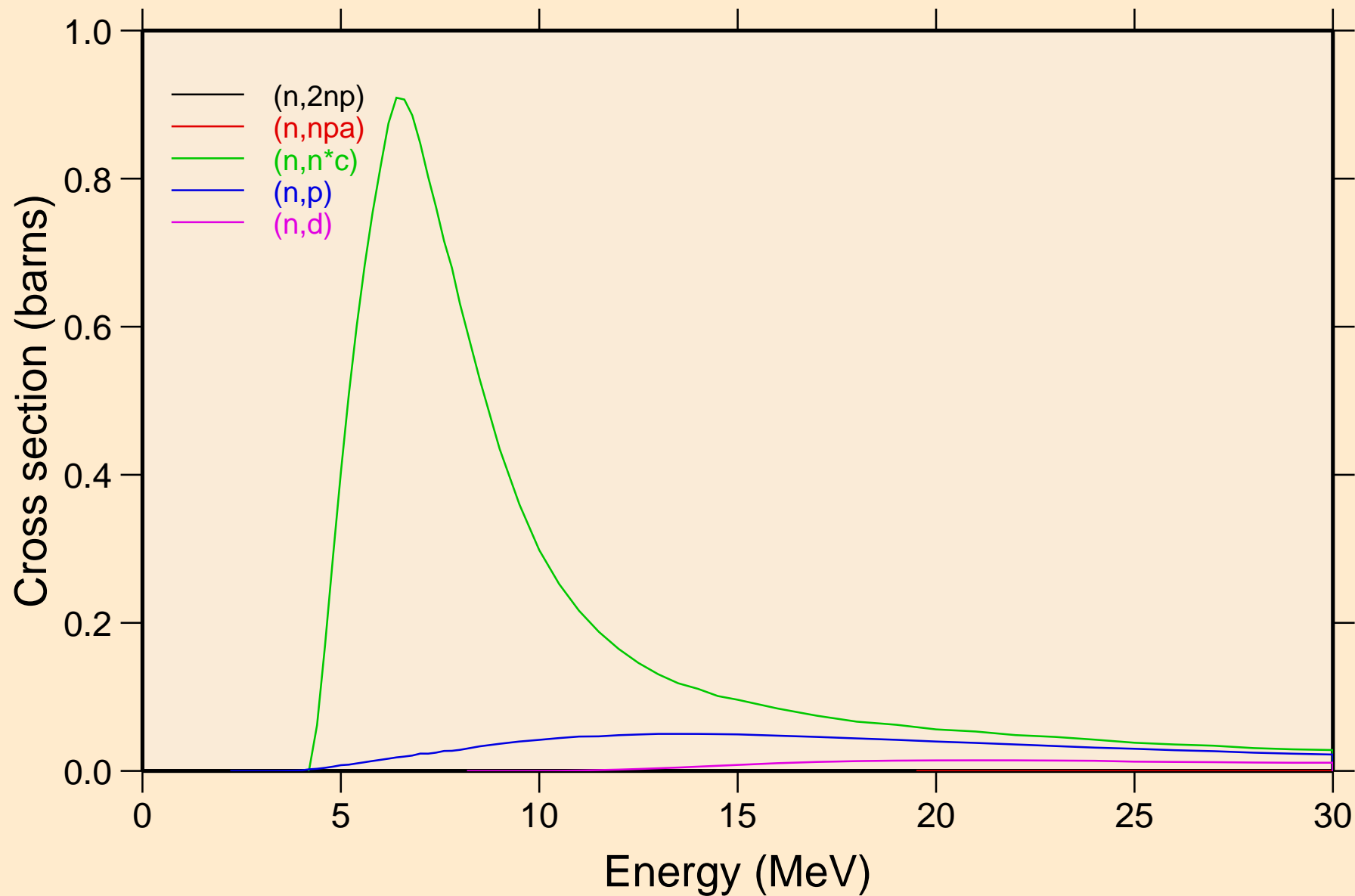


CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

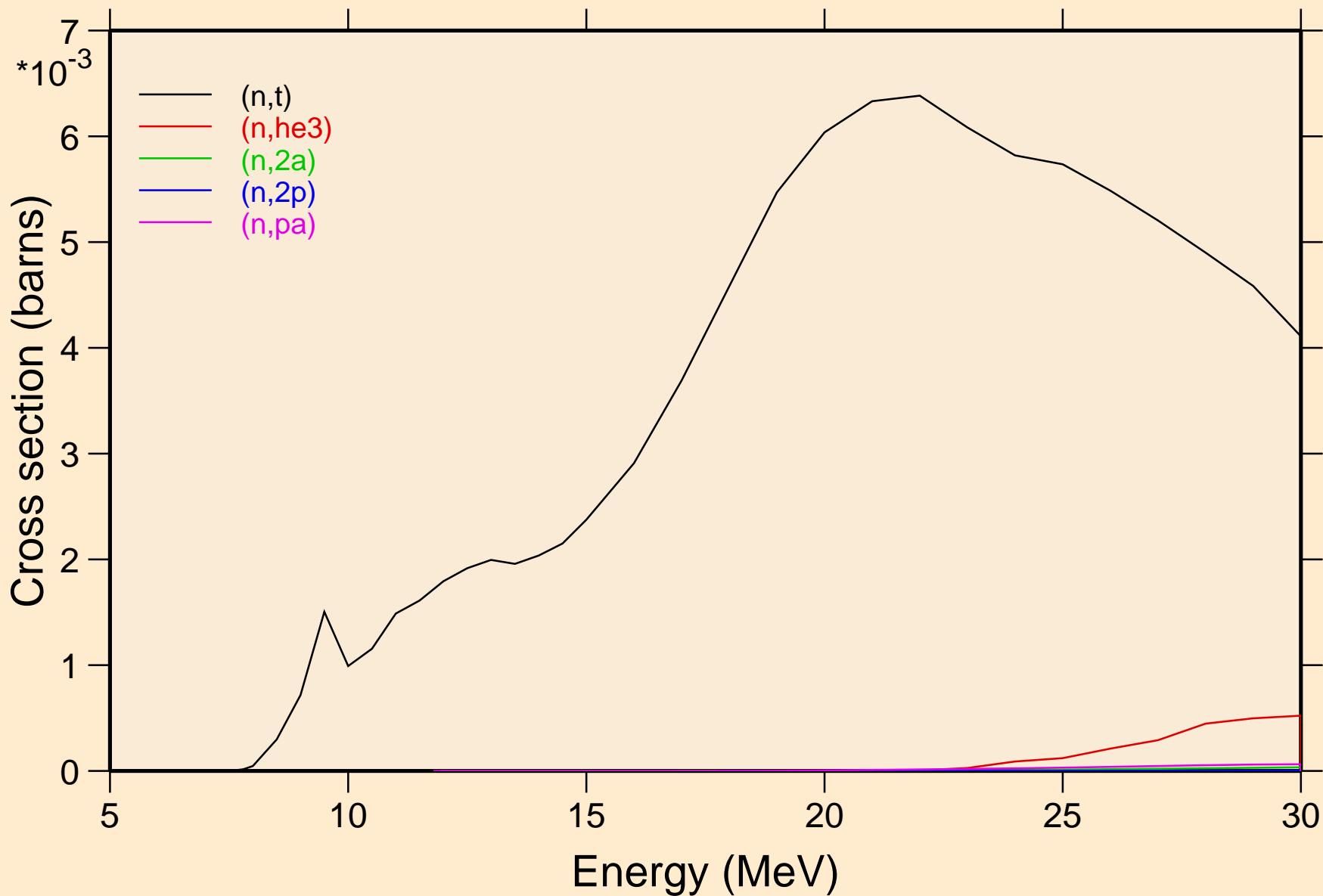
Threshold reactions



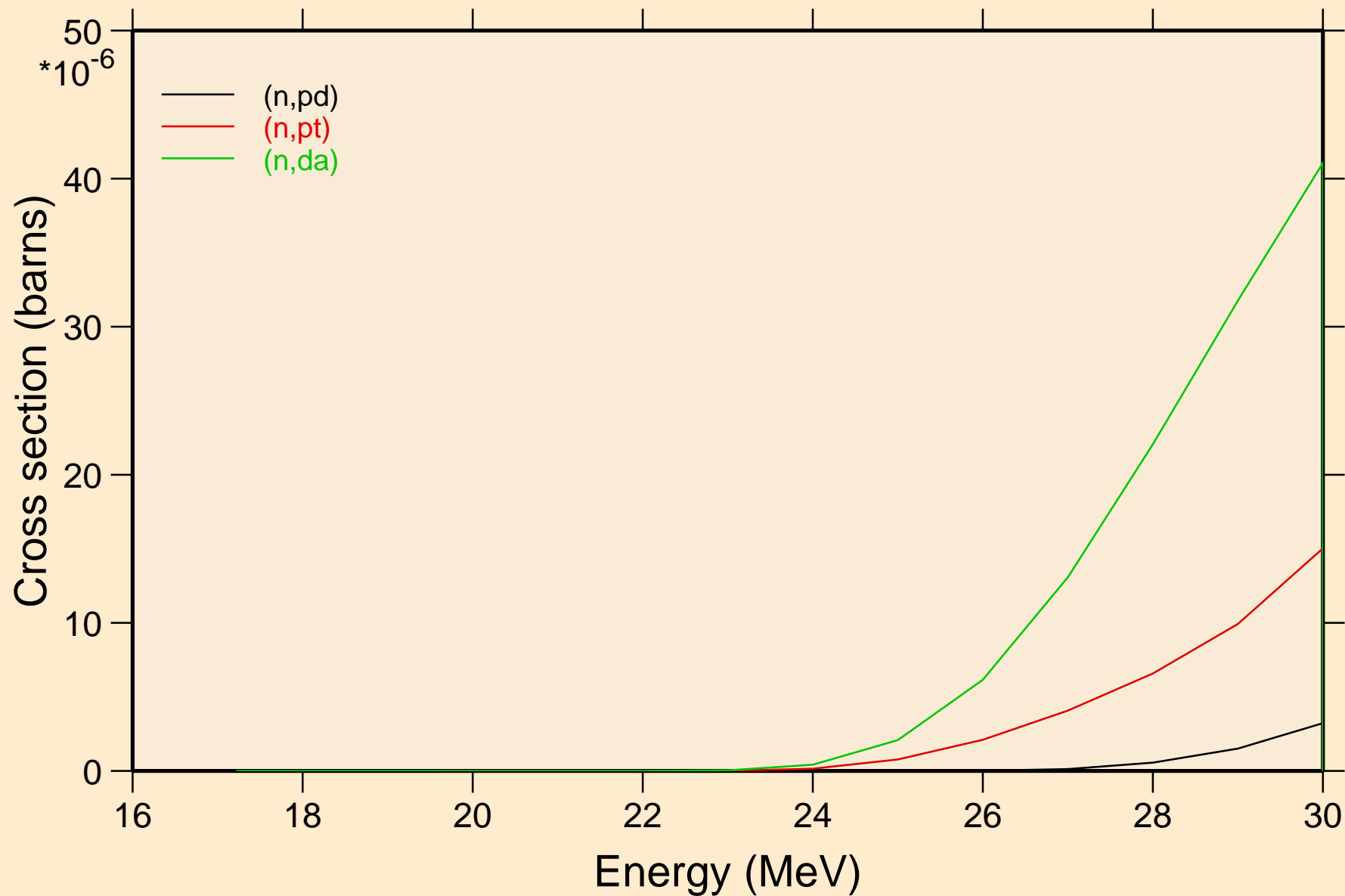
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



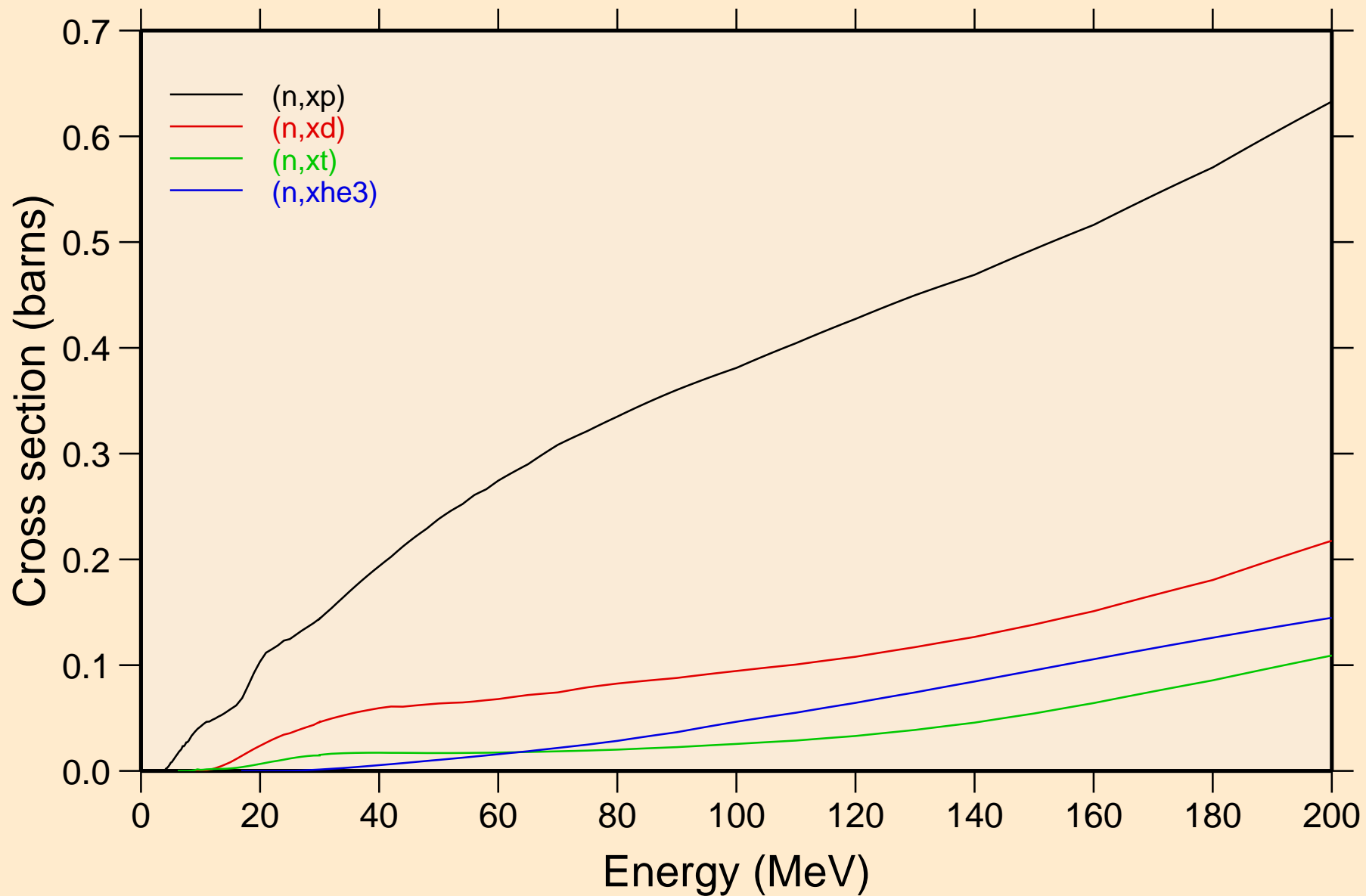
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



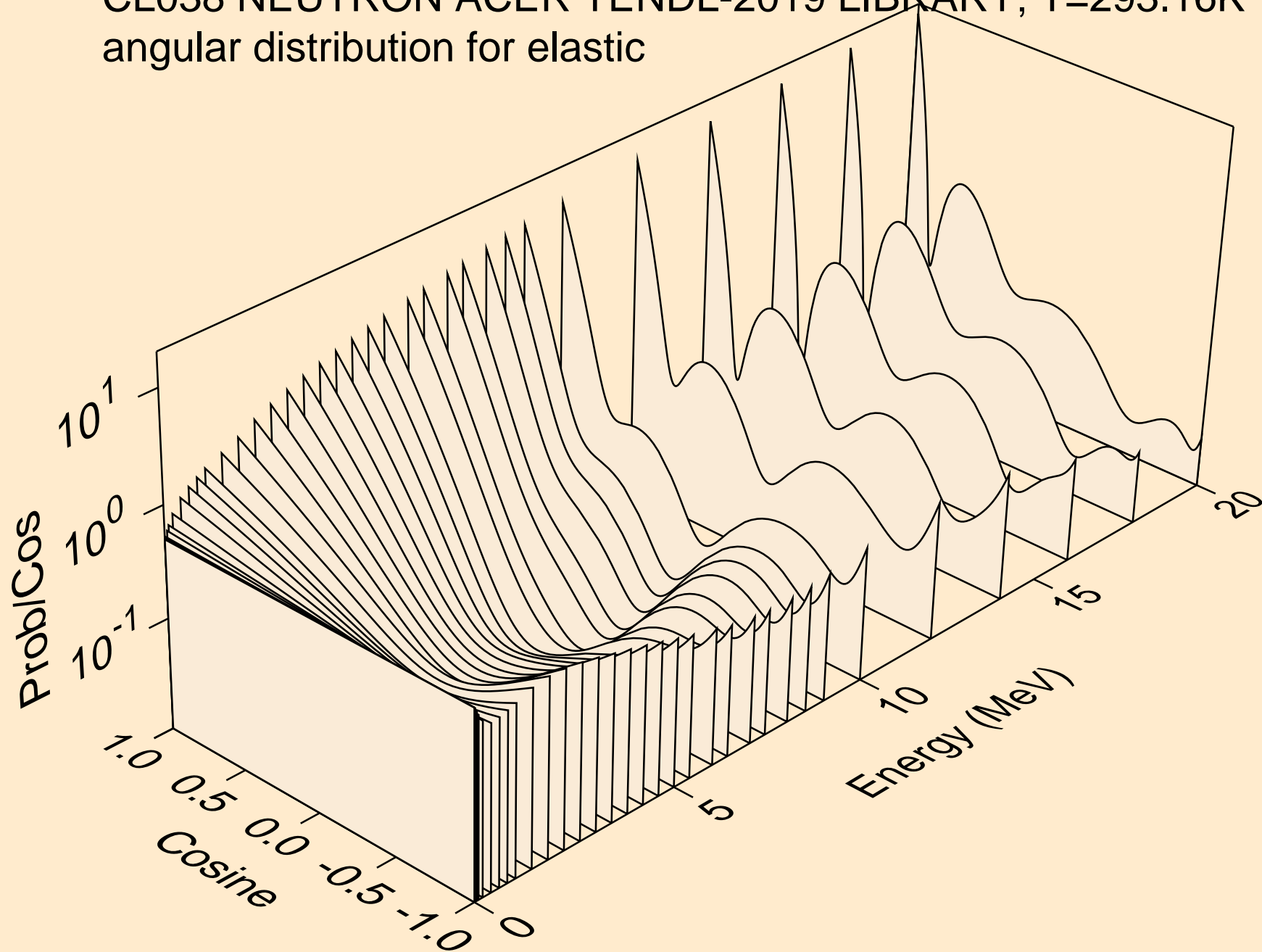
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



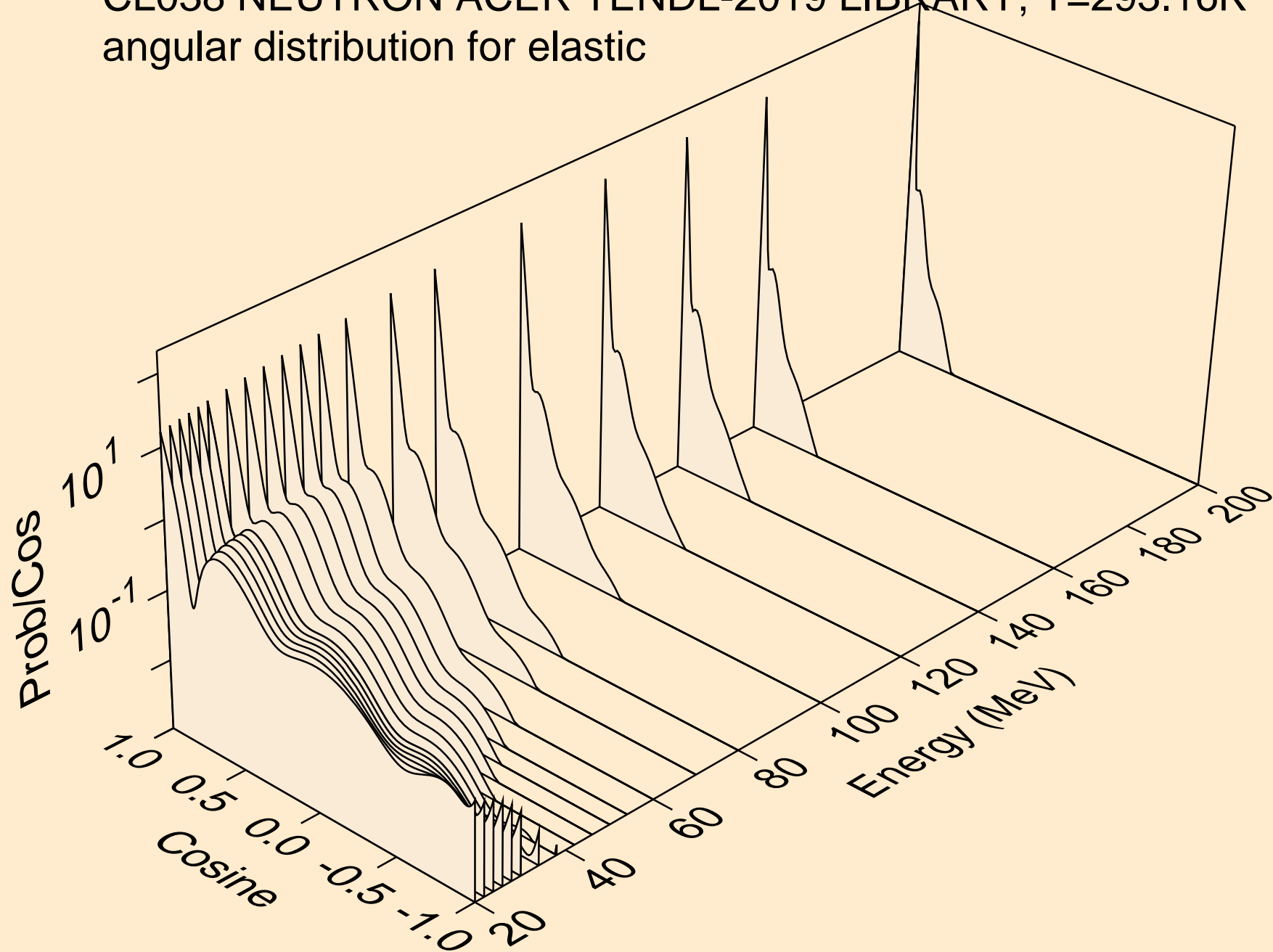
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



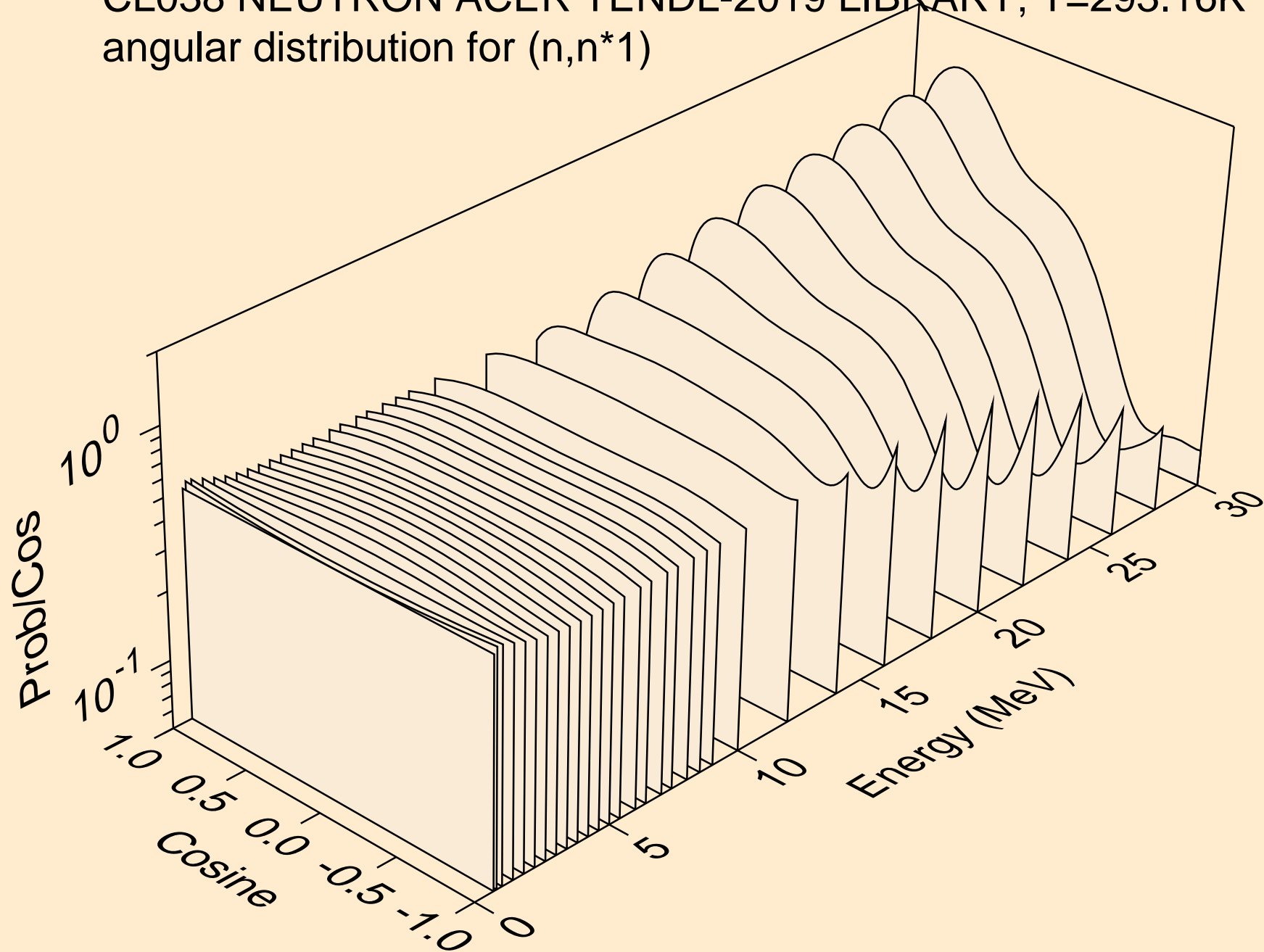
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



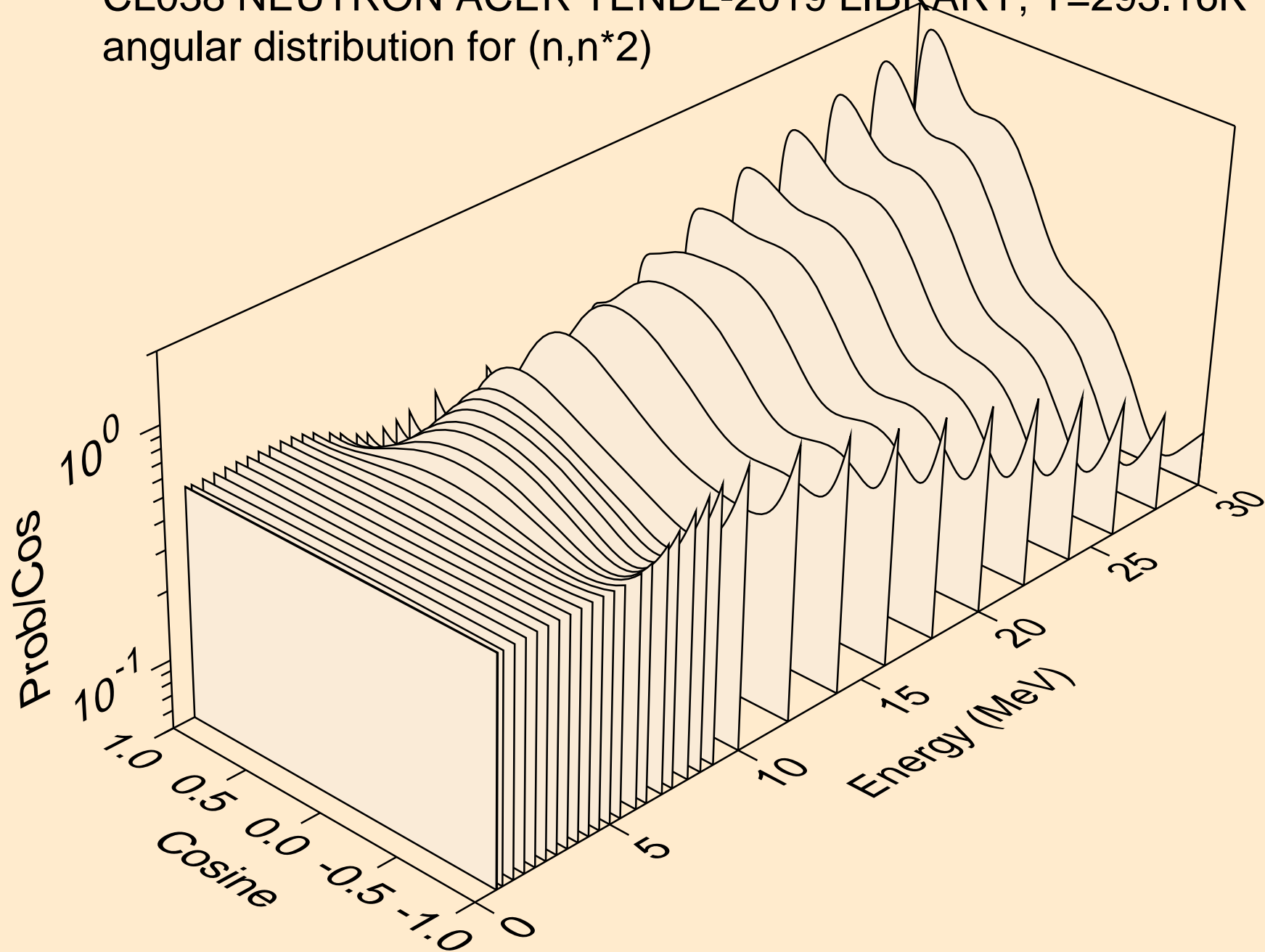
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



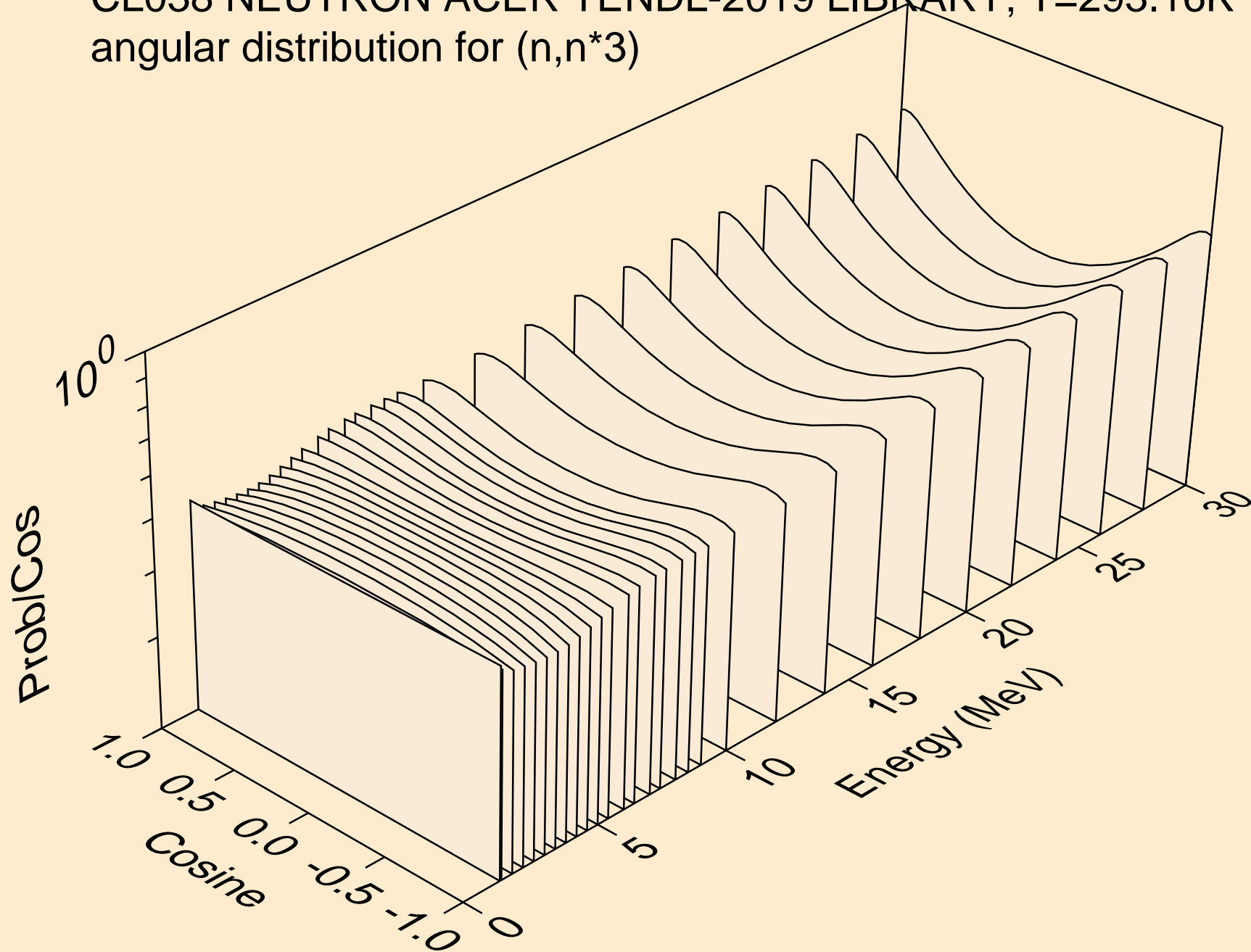
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



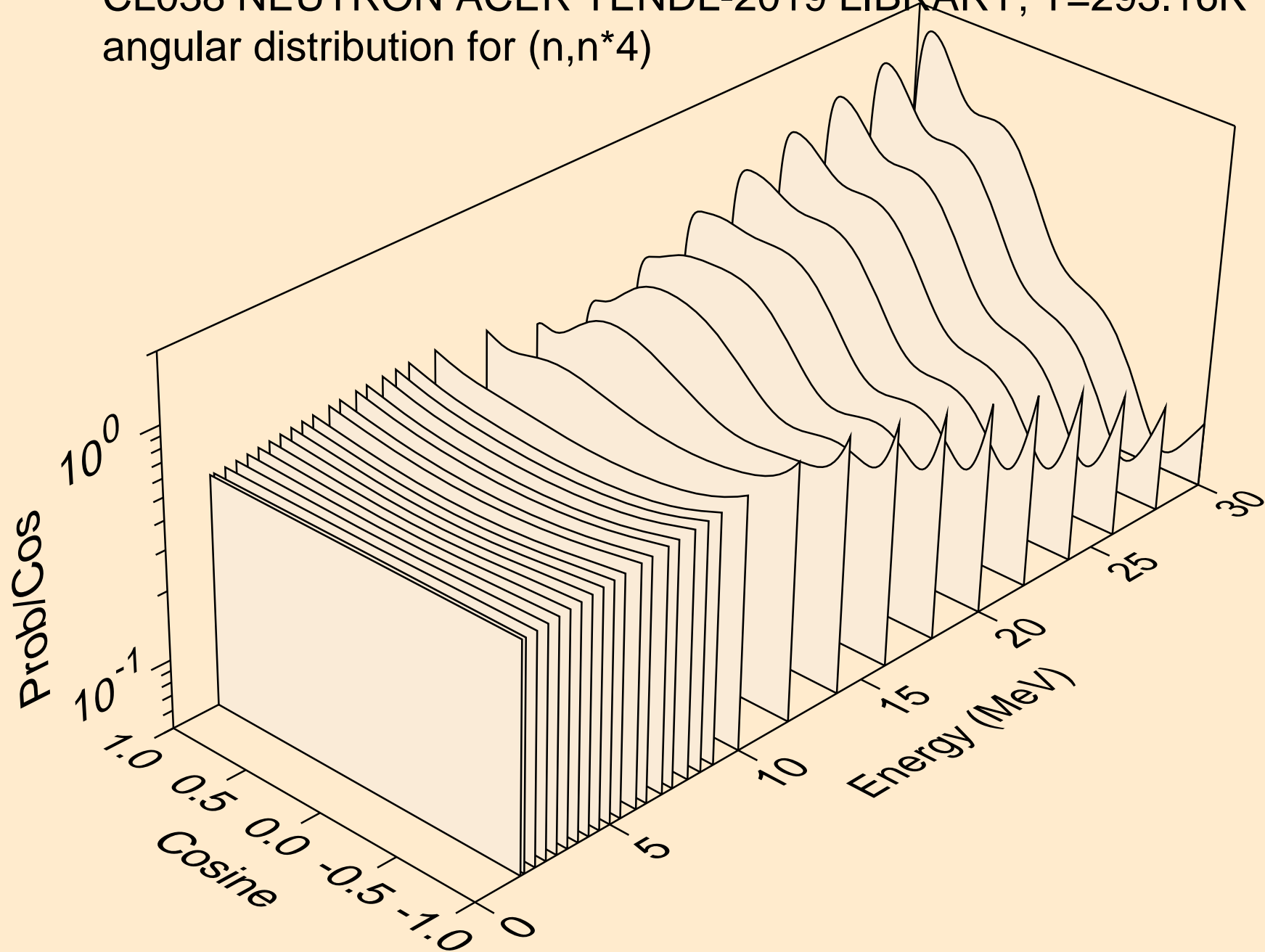
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



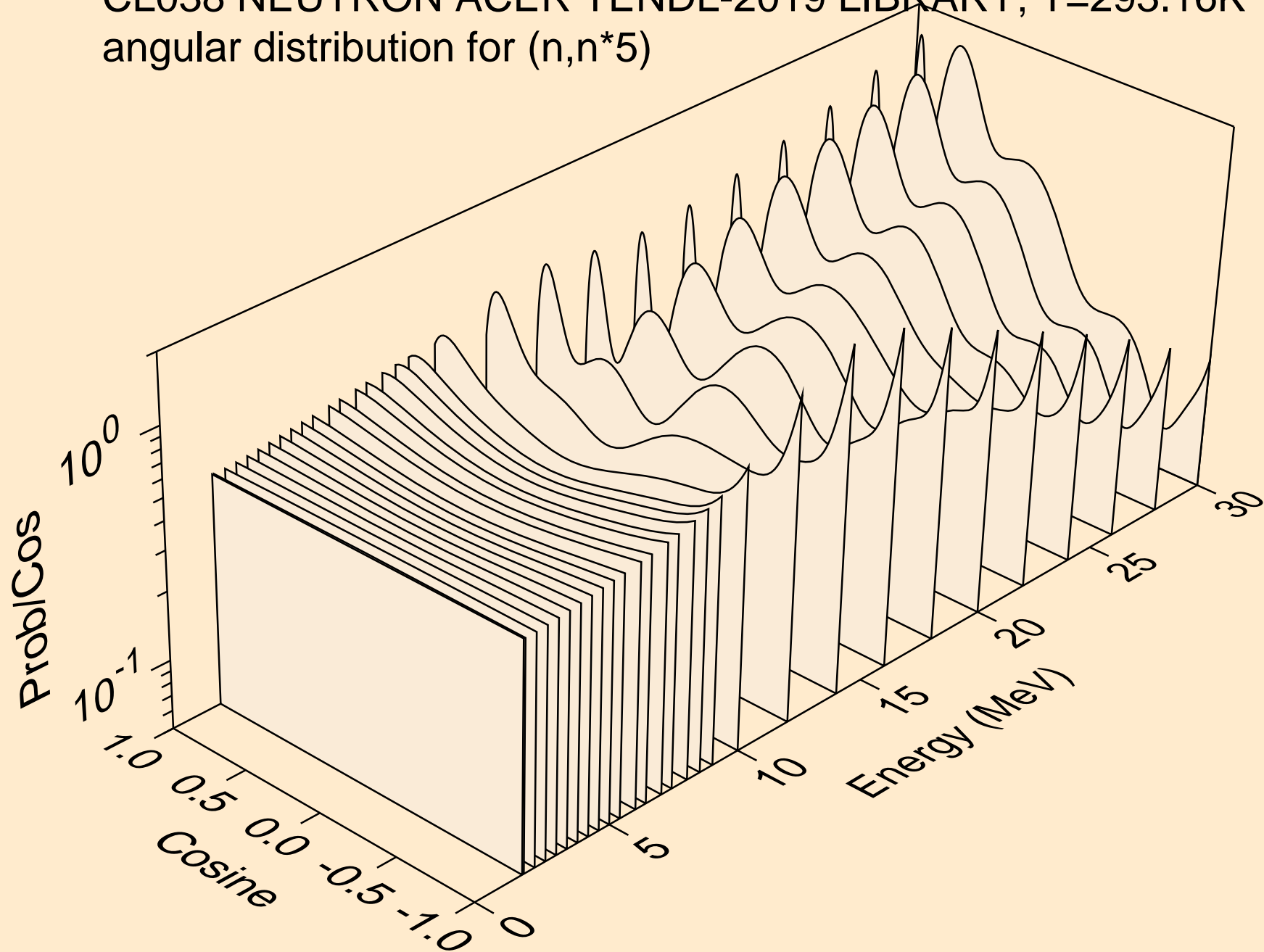
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



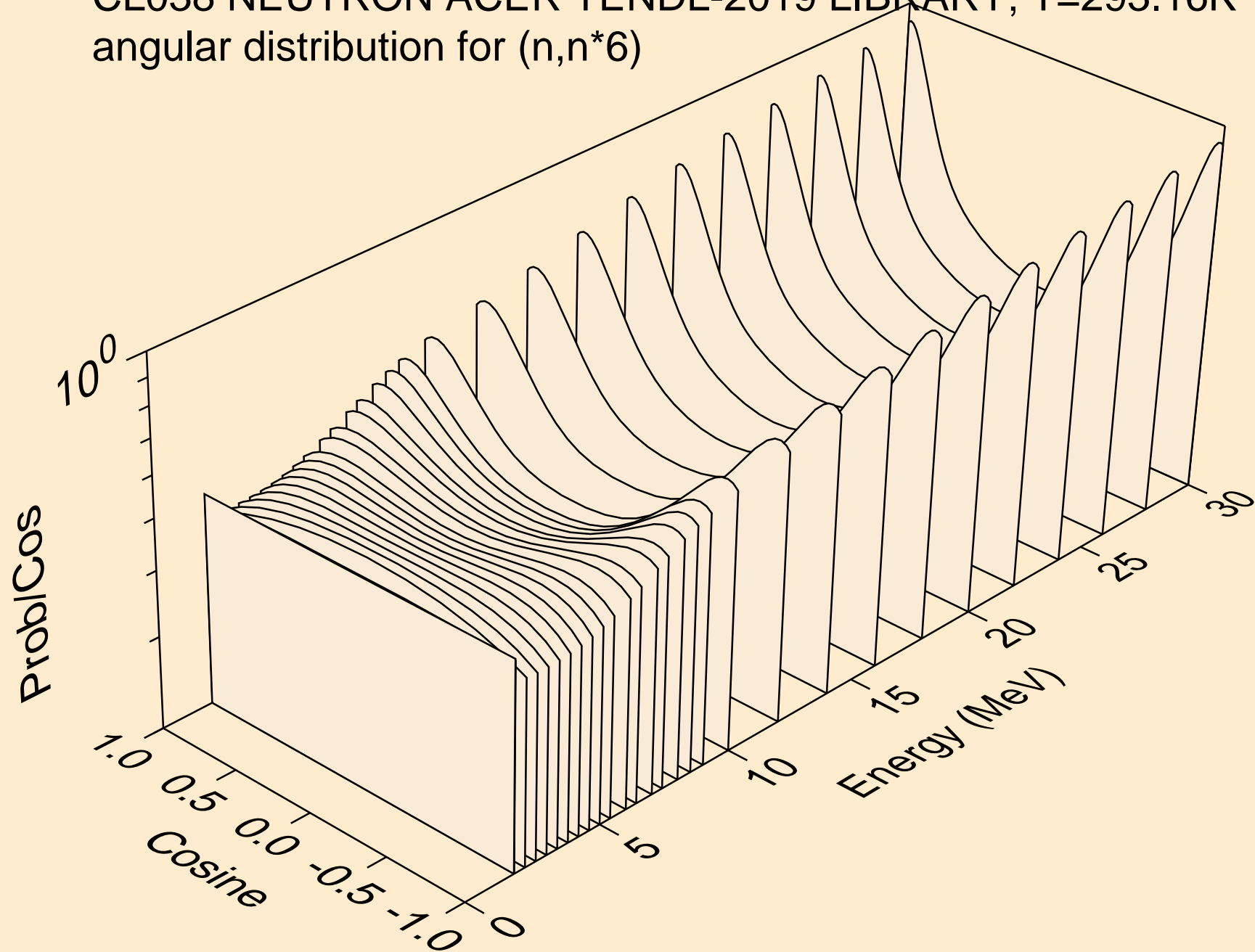
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



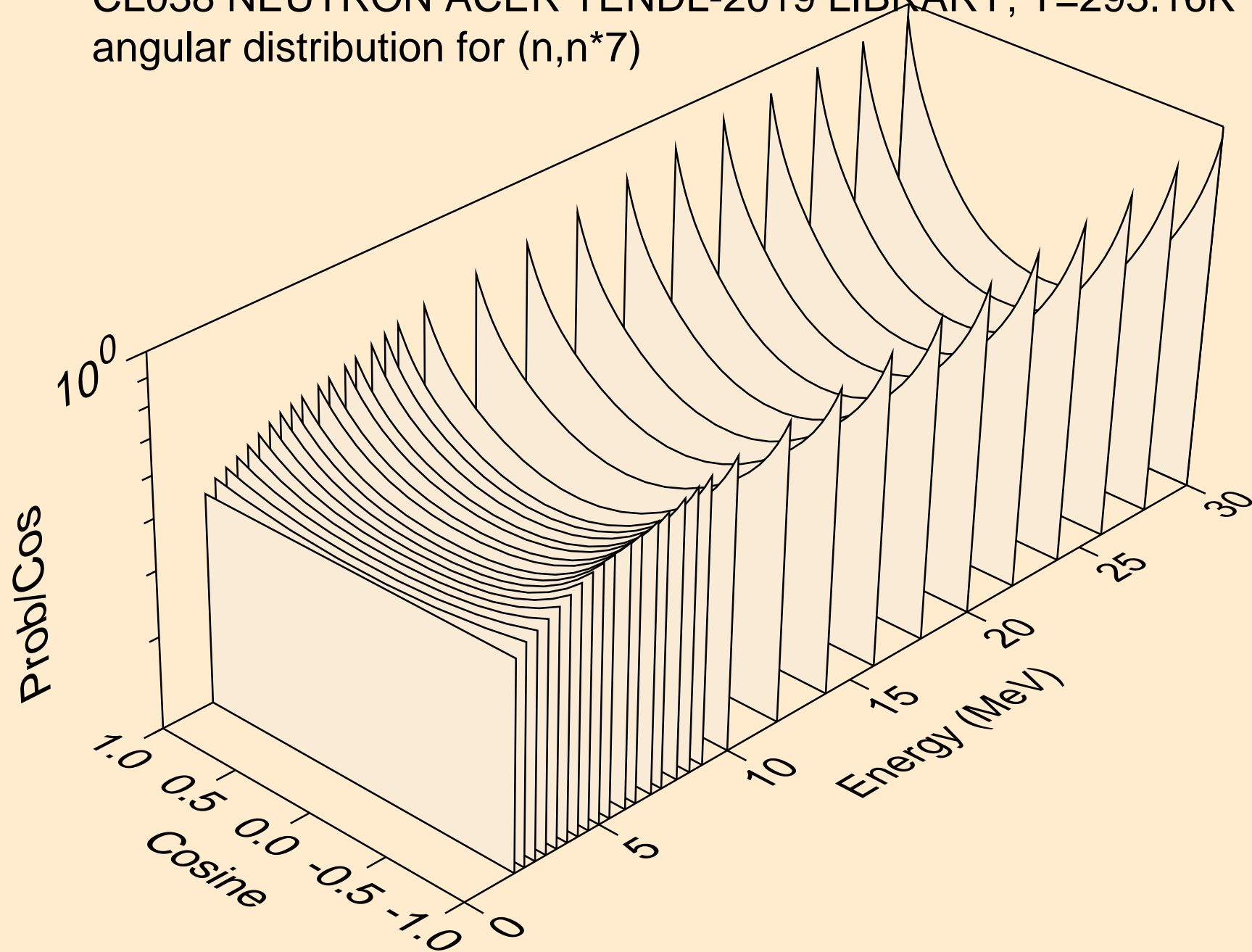
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



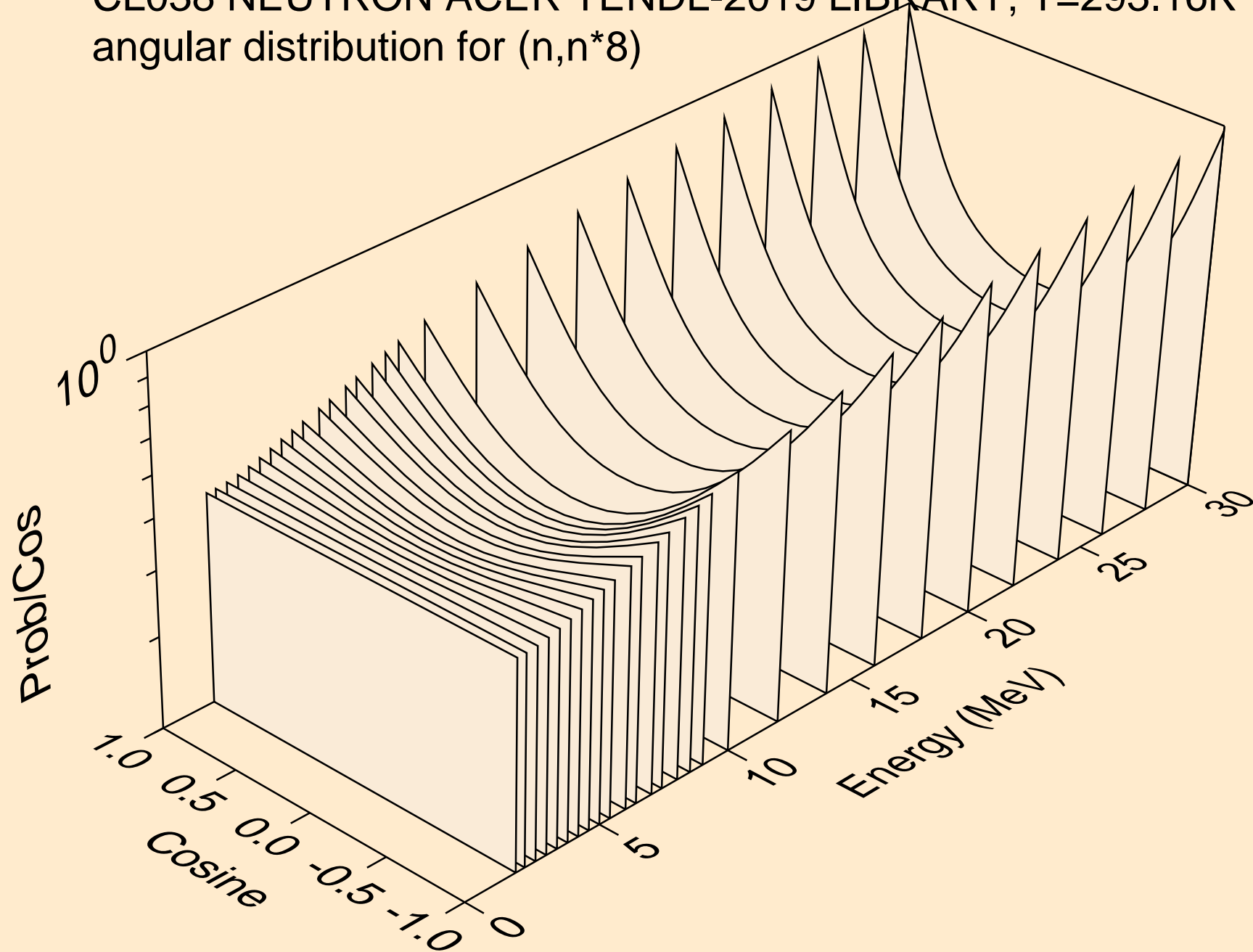
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



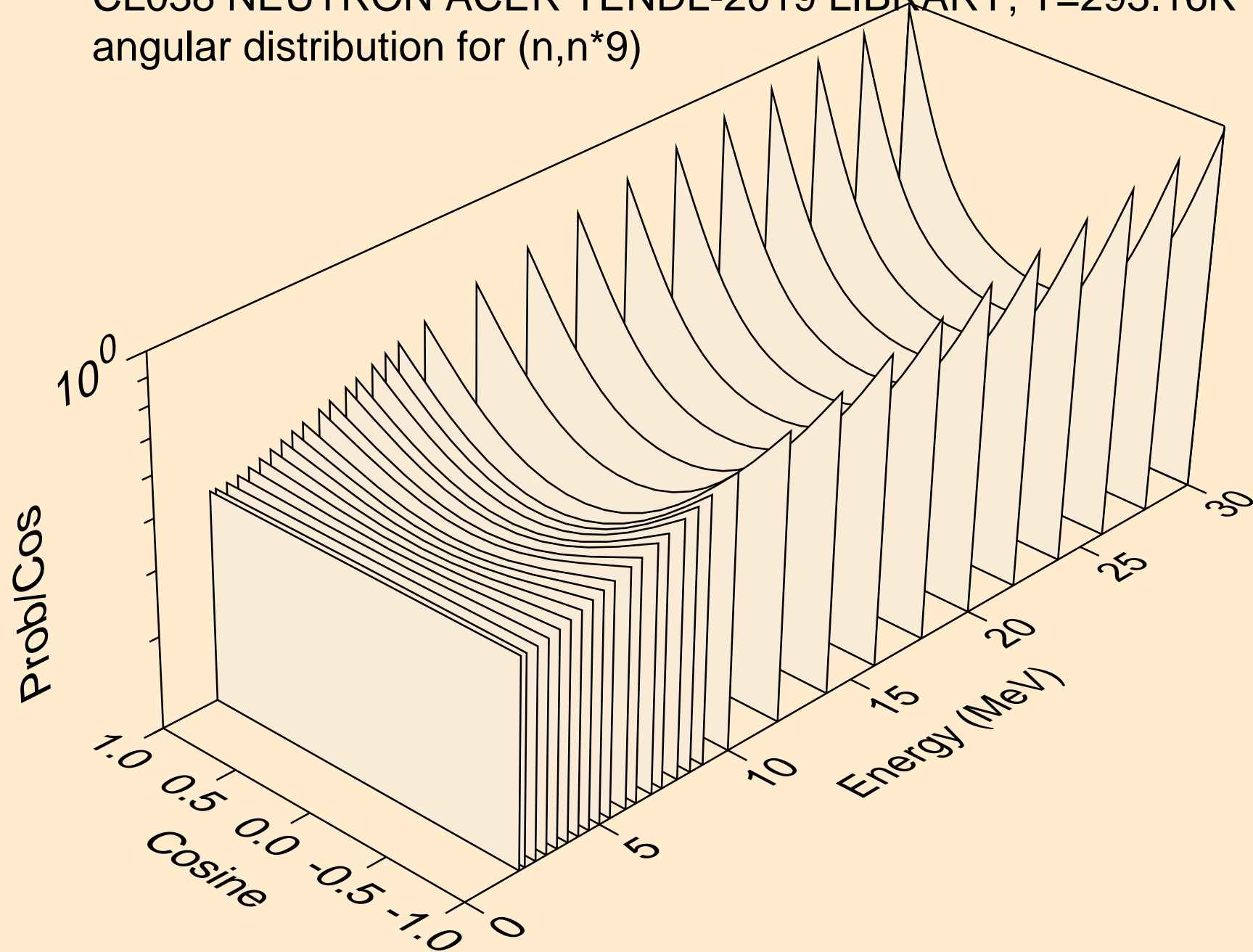
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



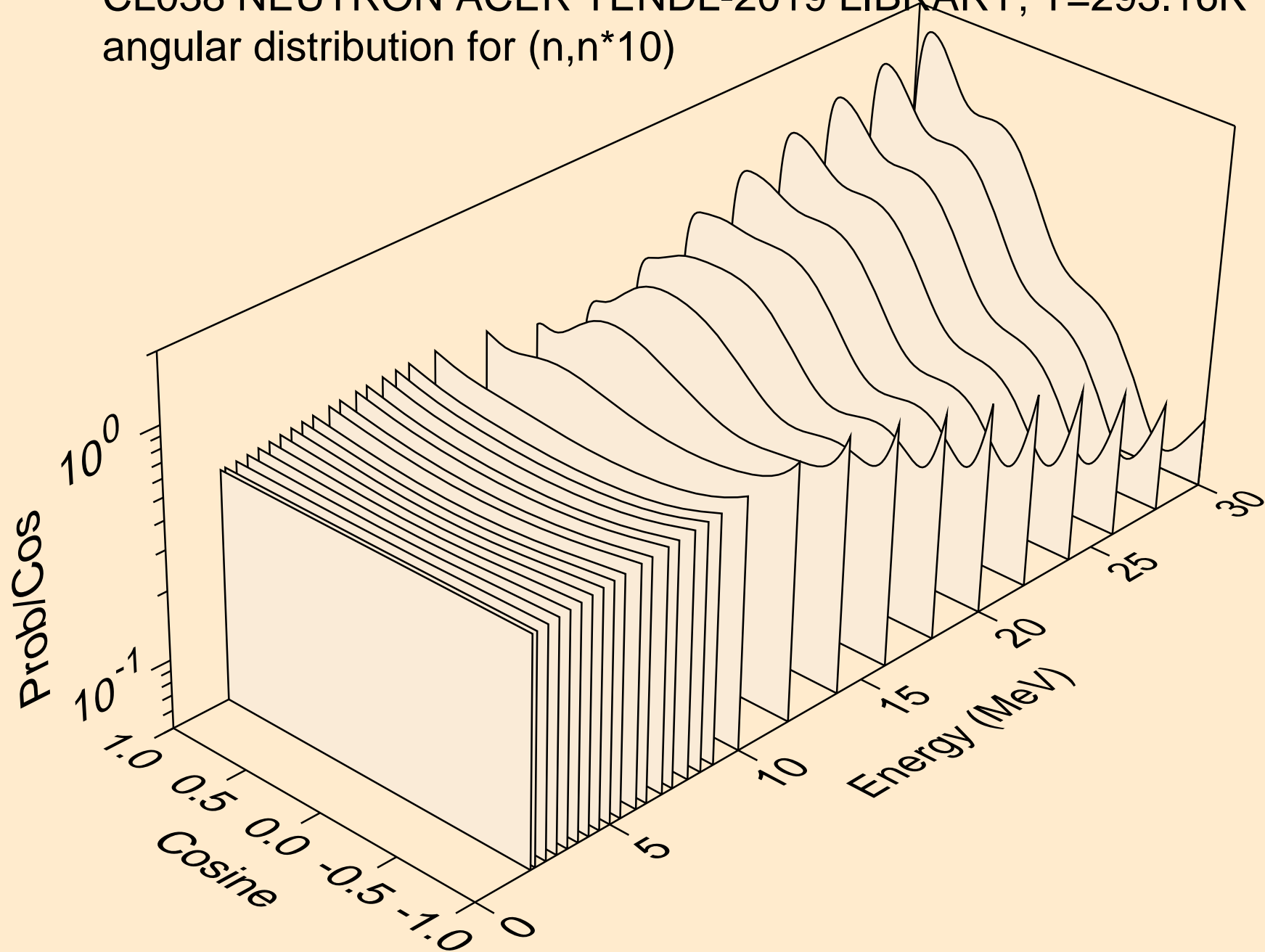
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



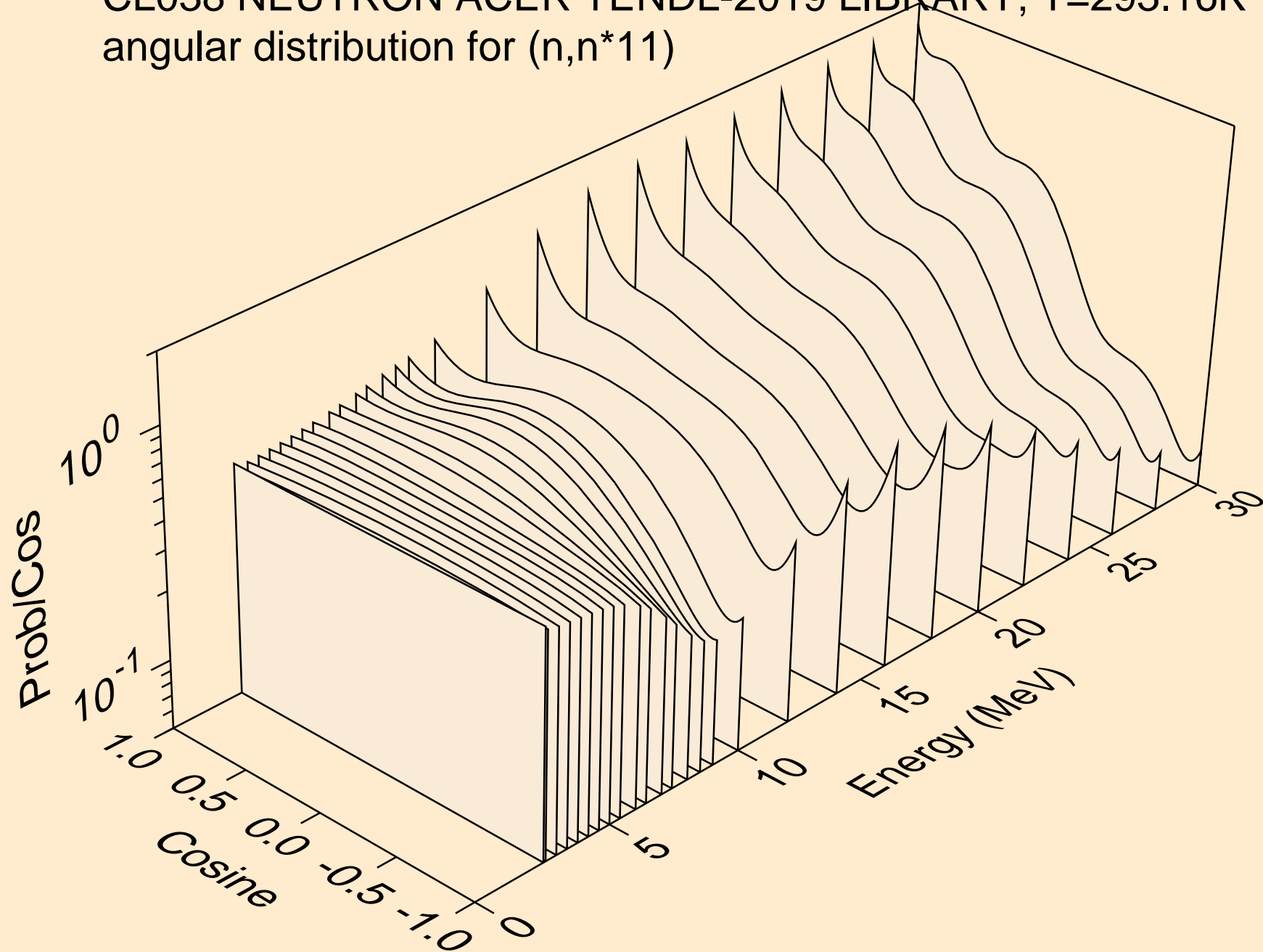
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



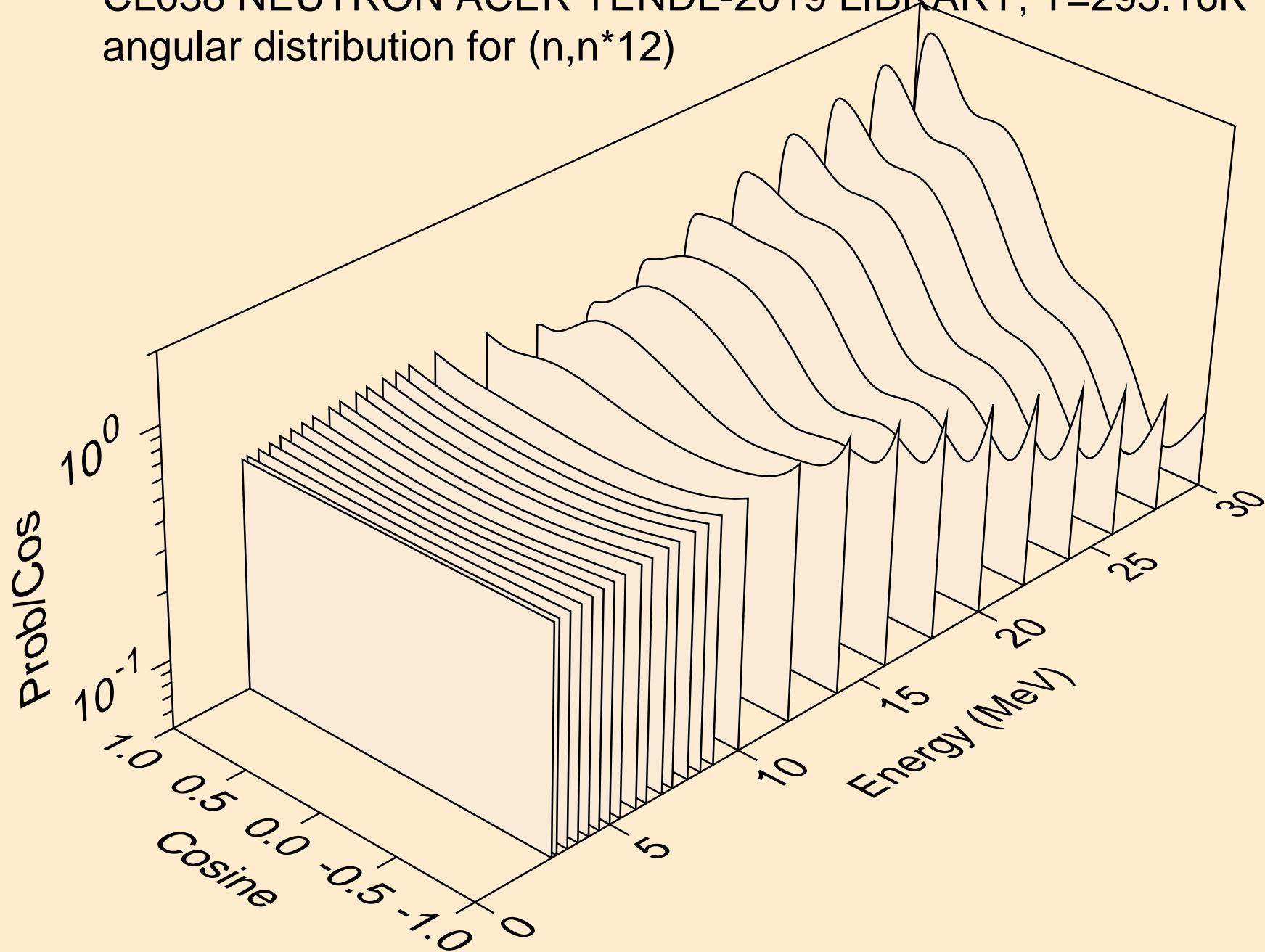
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



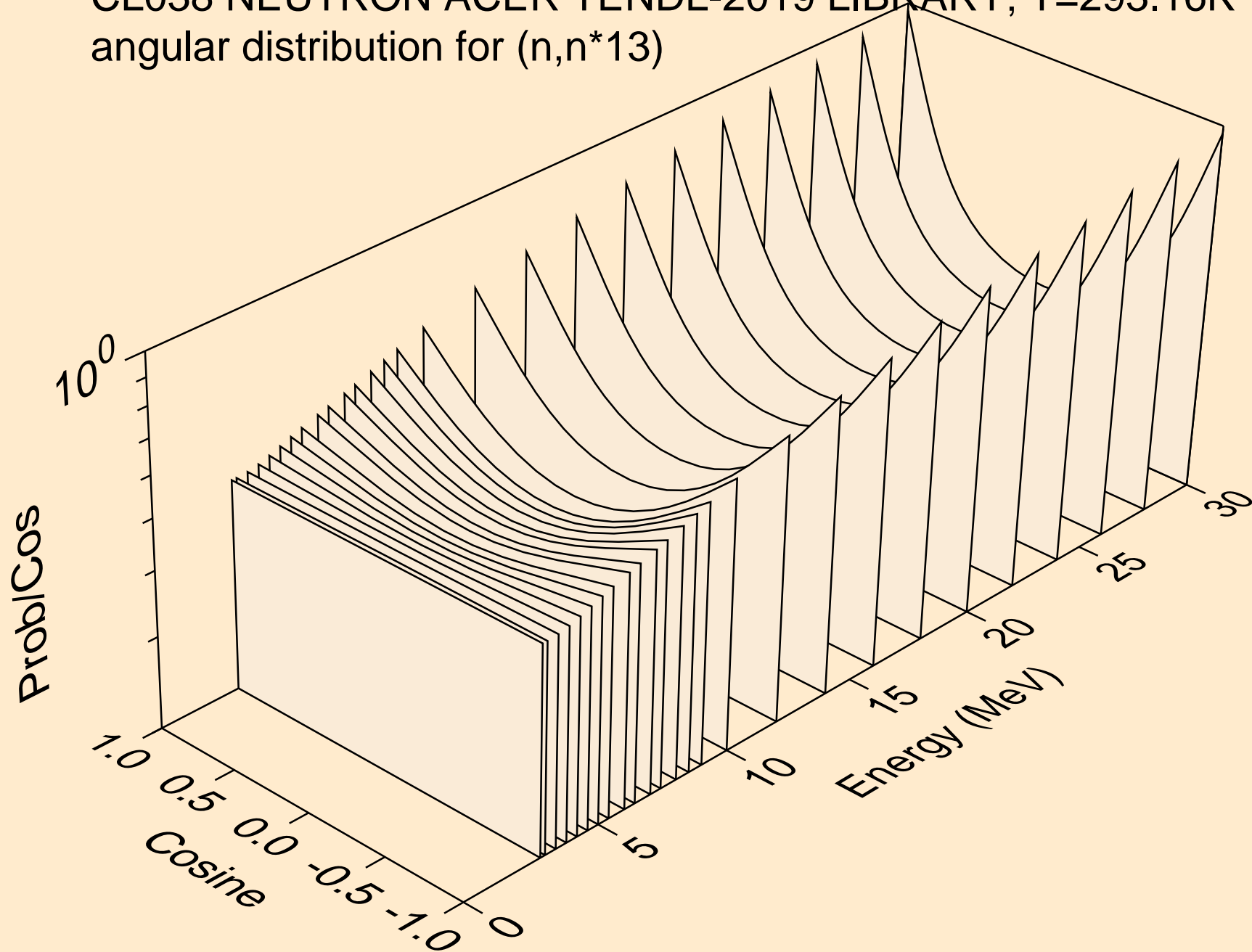
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



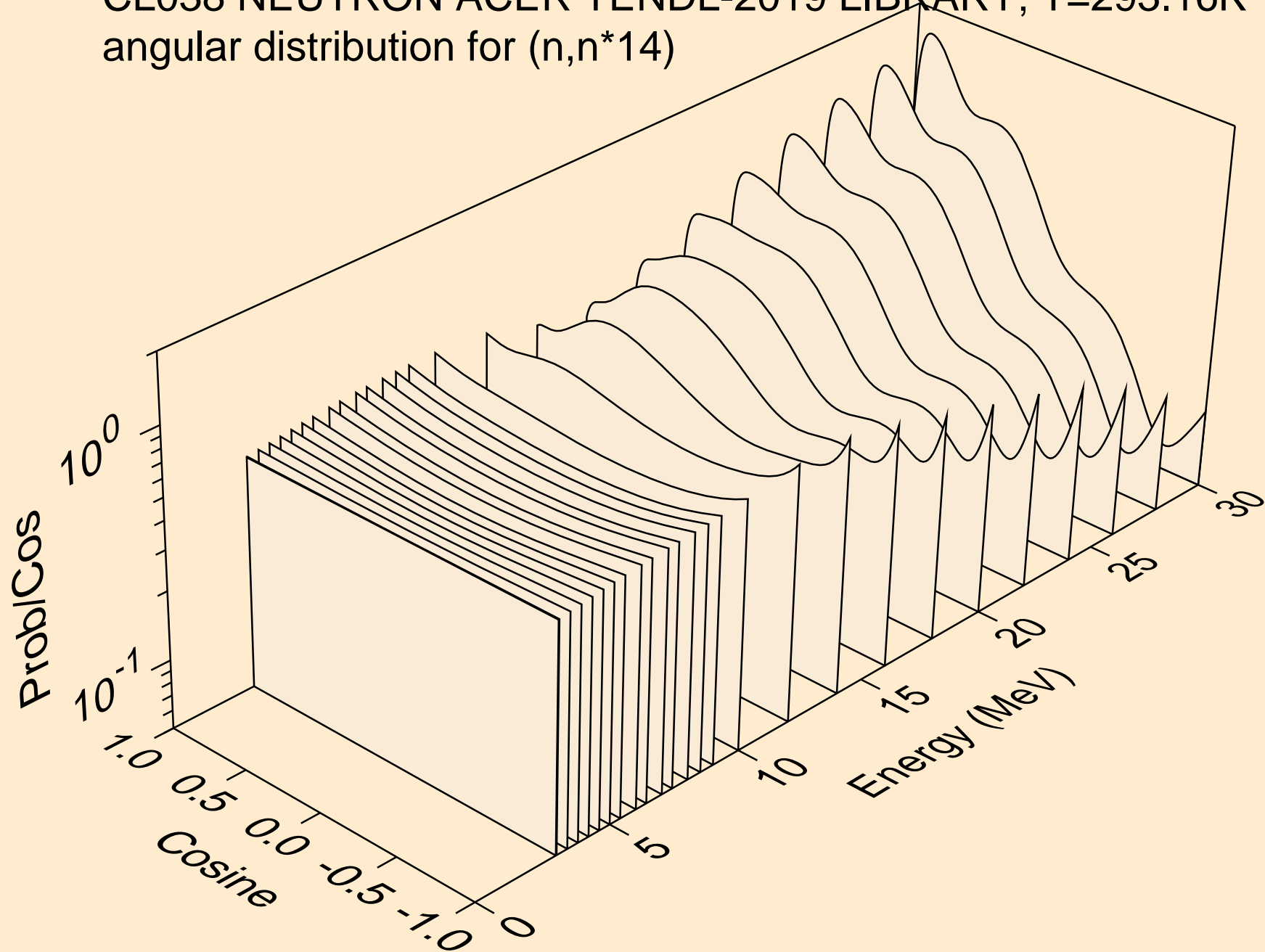
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



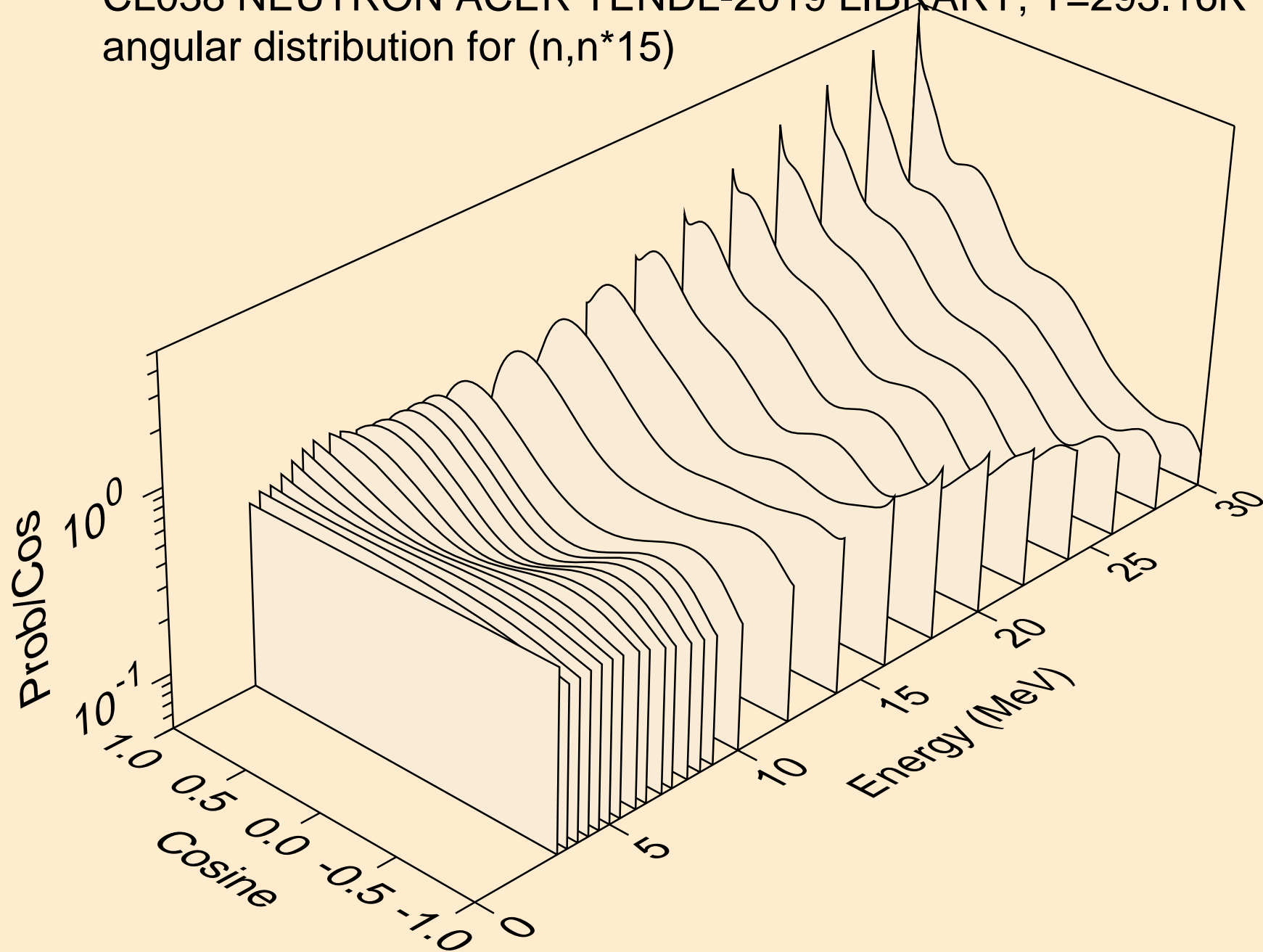
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



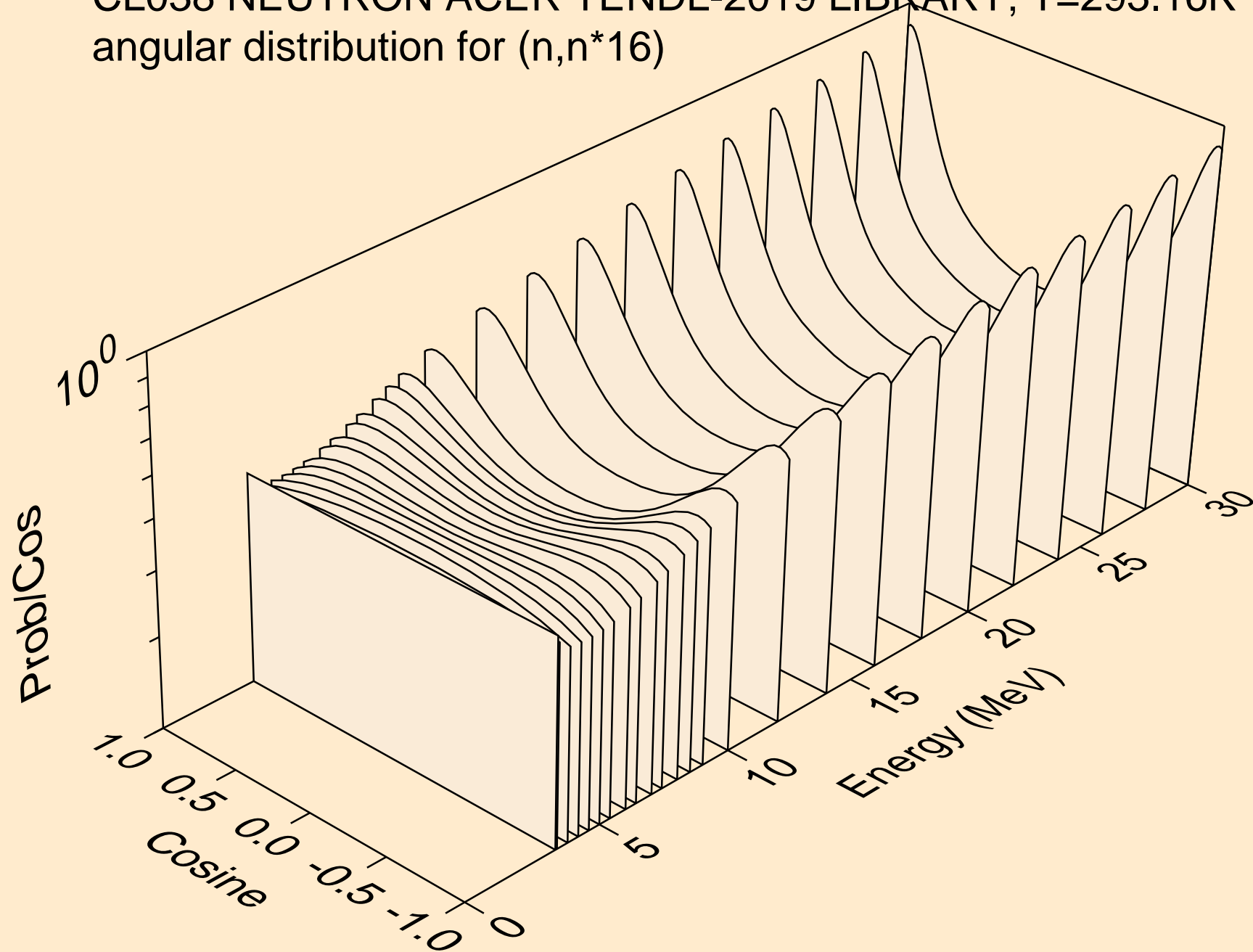
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



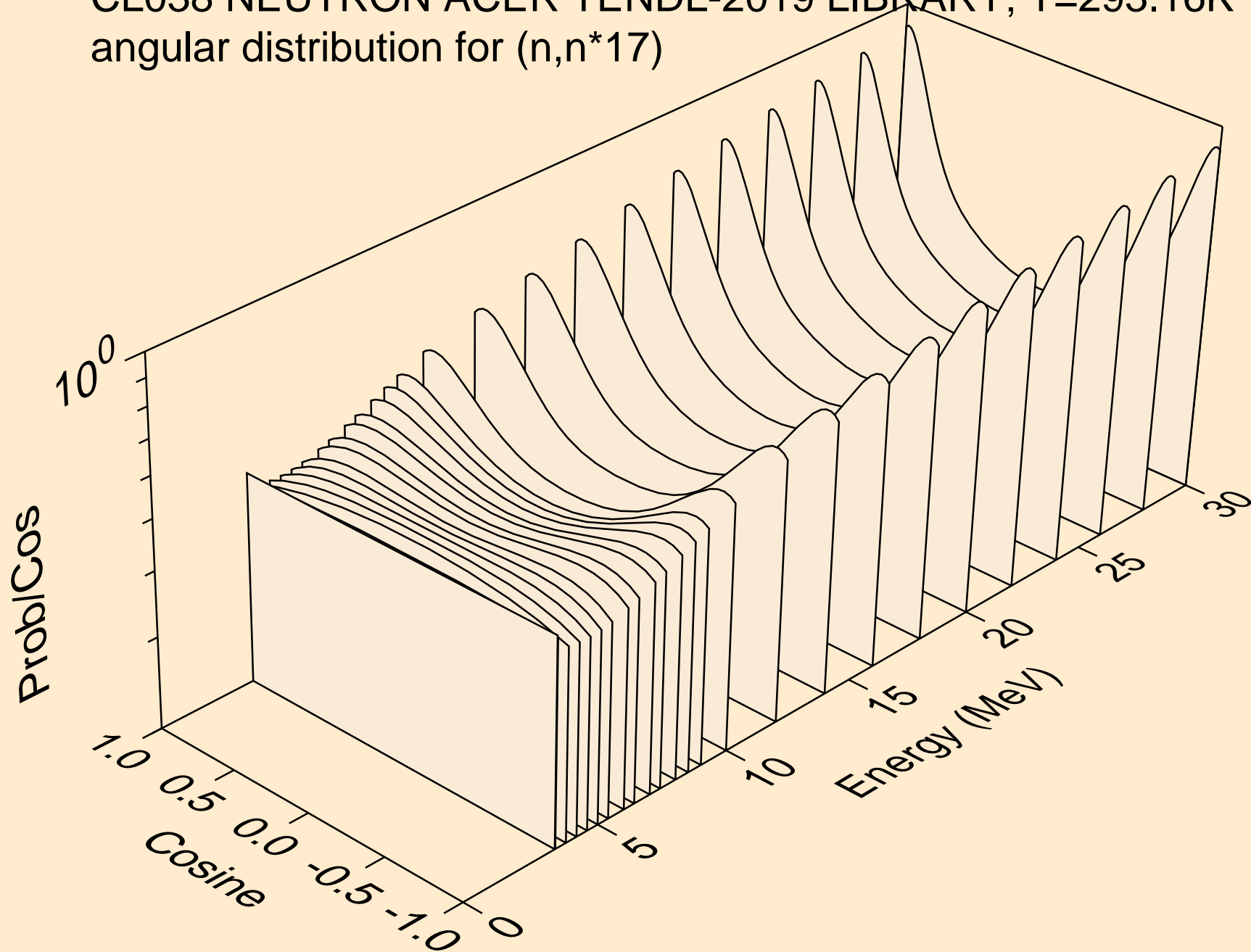
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



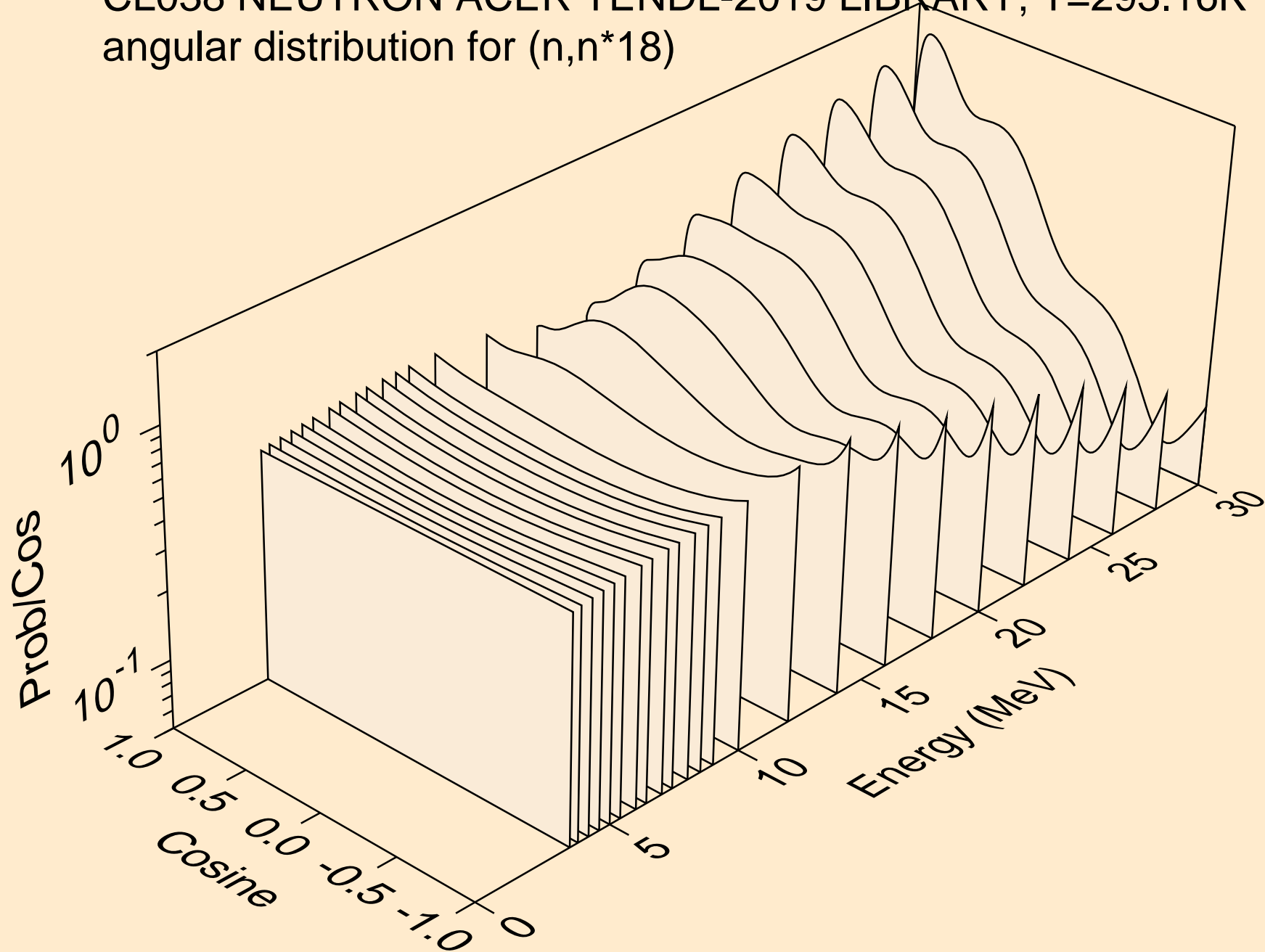
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



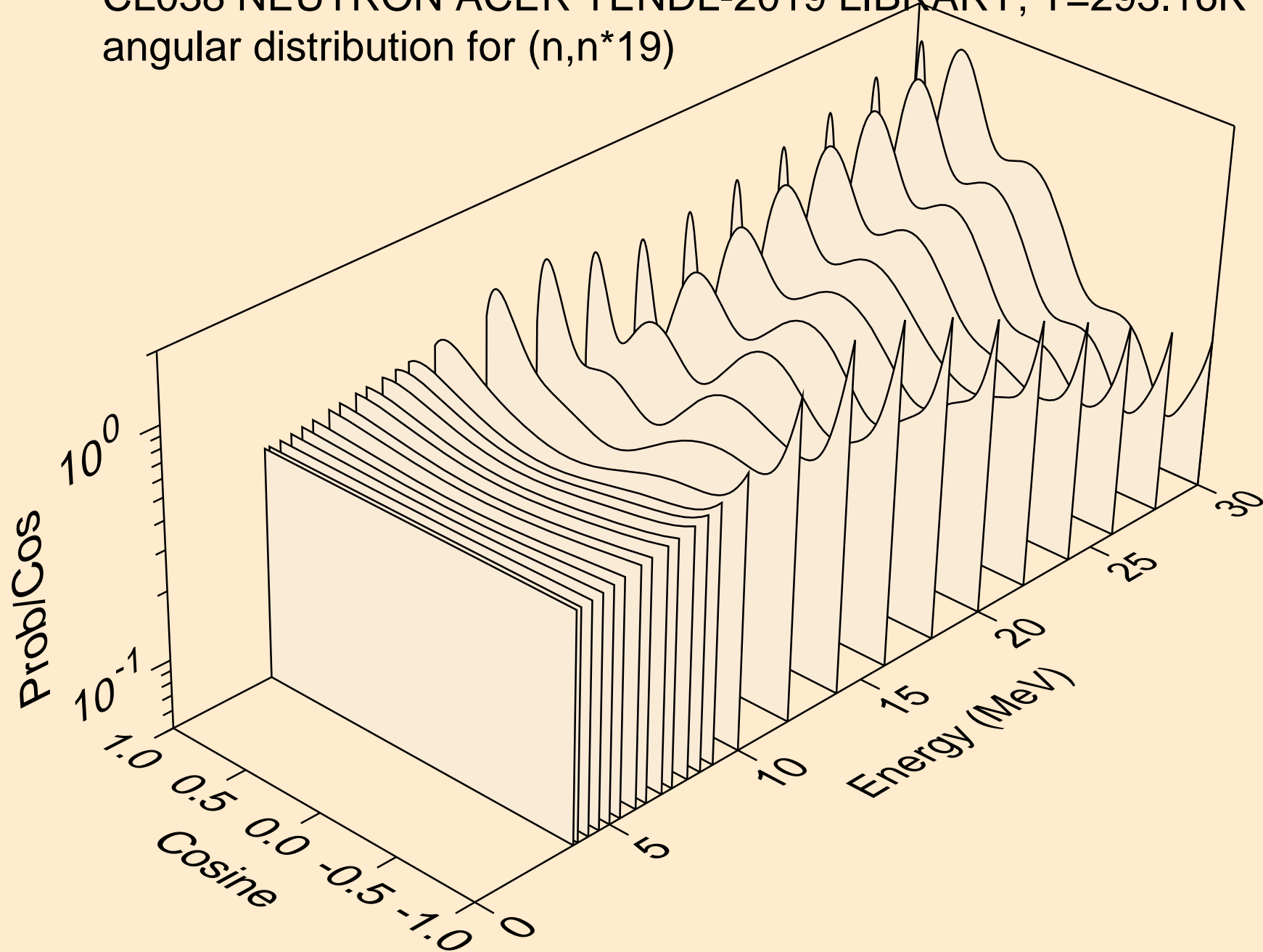
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



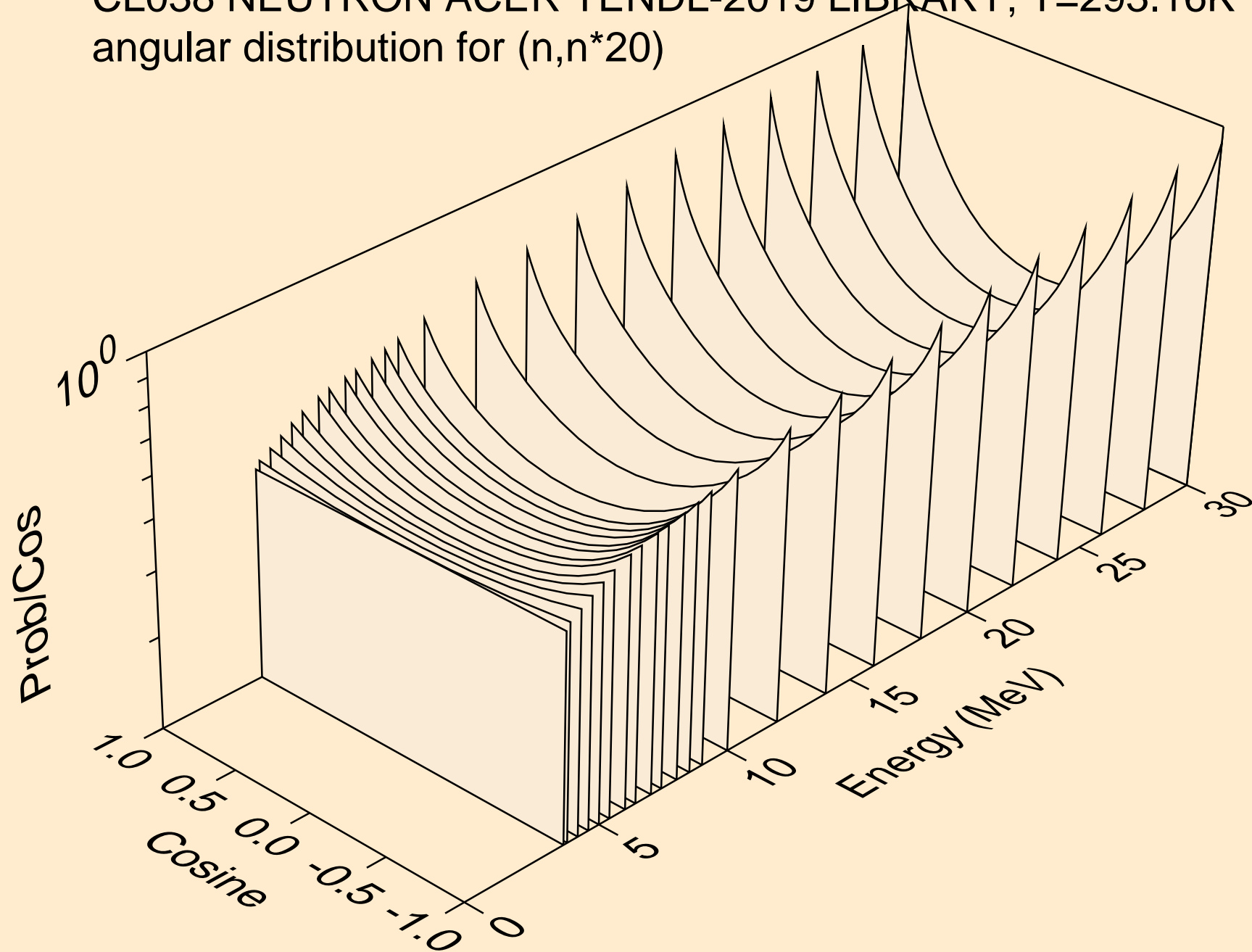
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



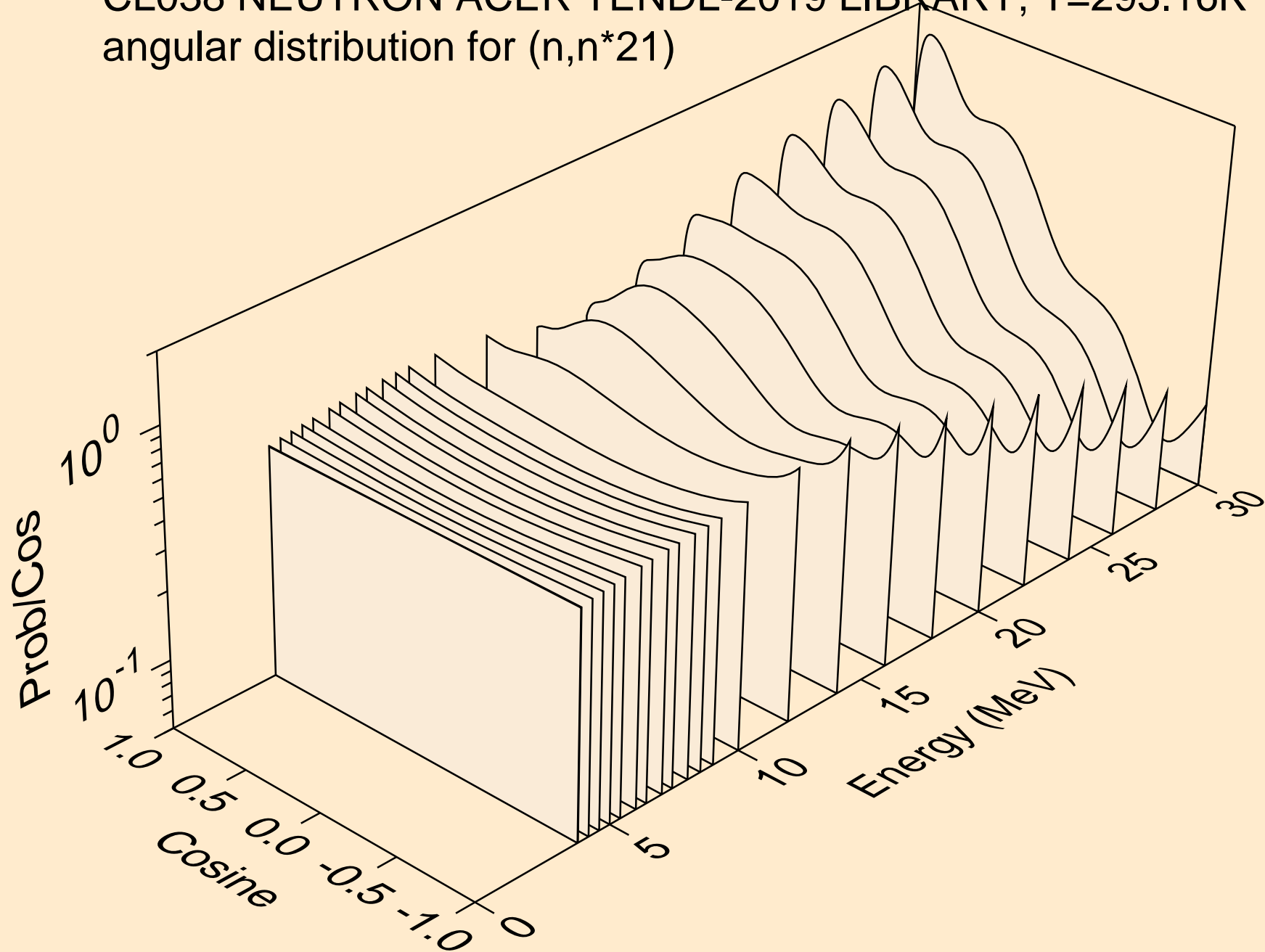
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



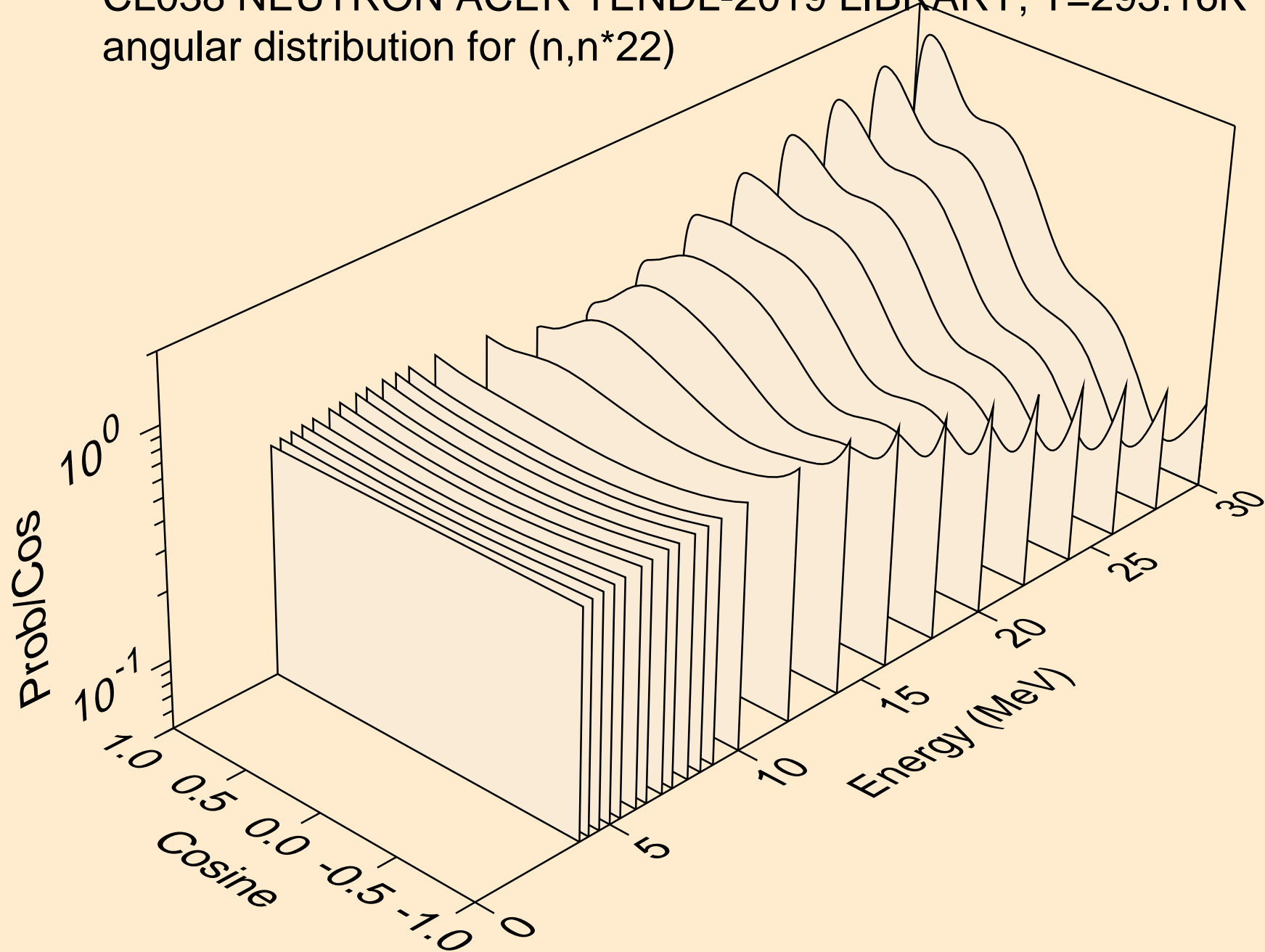
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



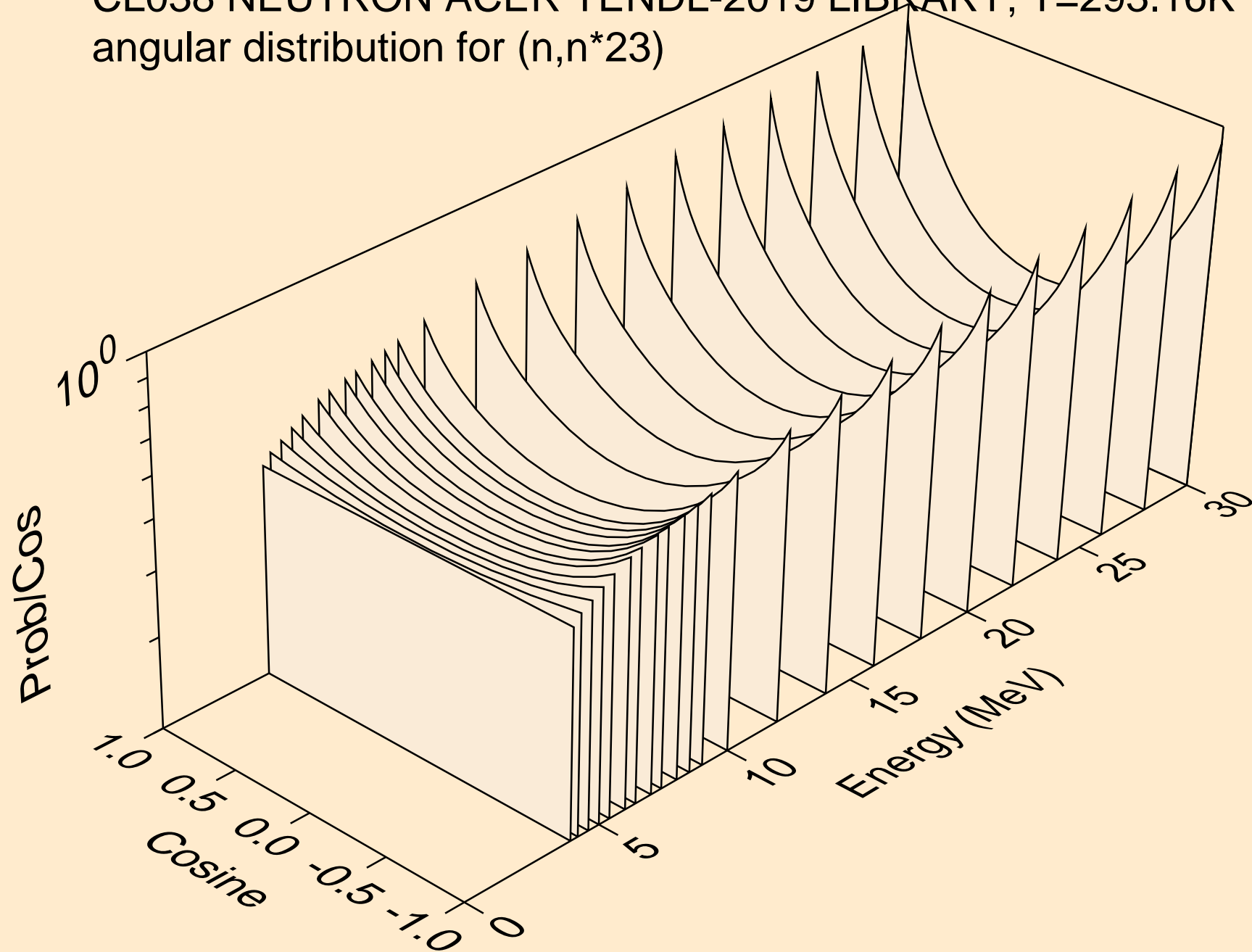
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



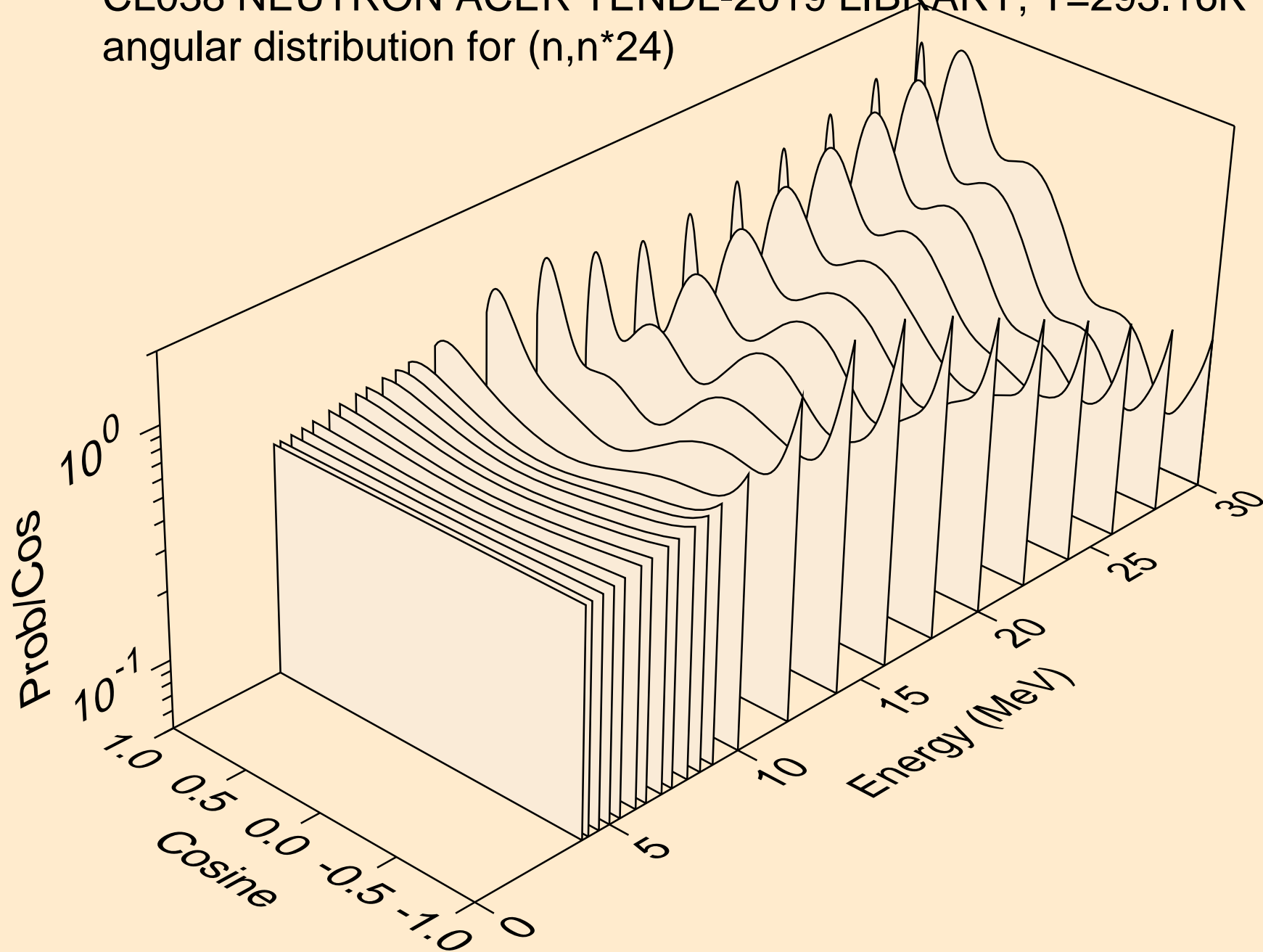
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



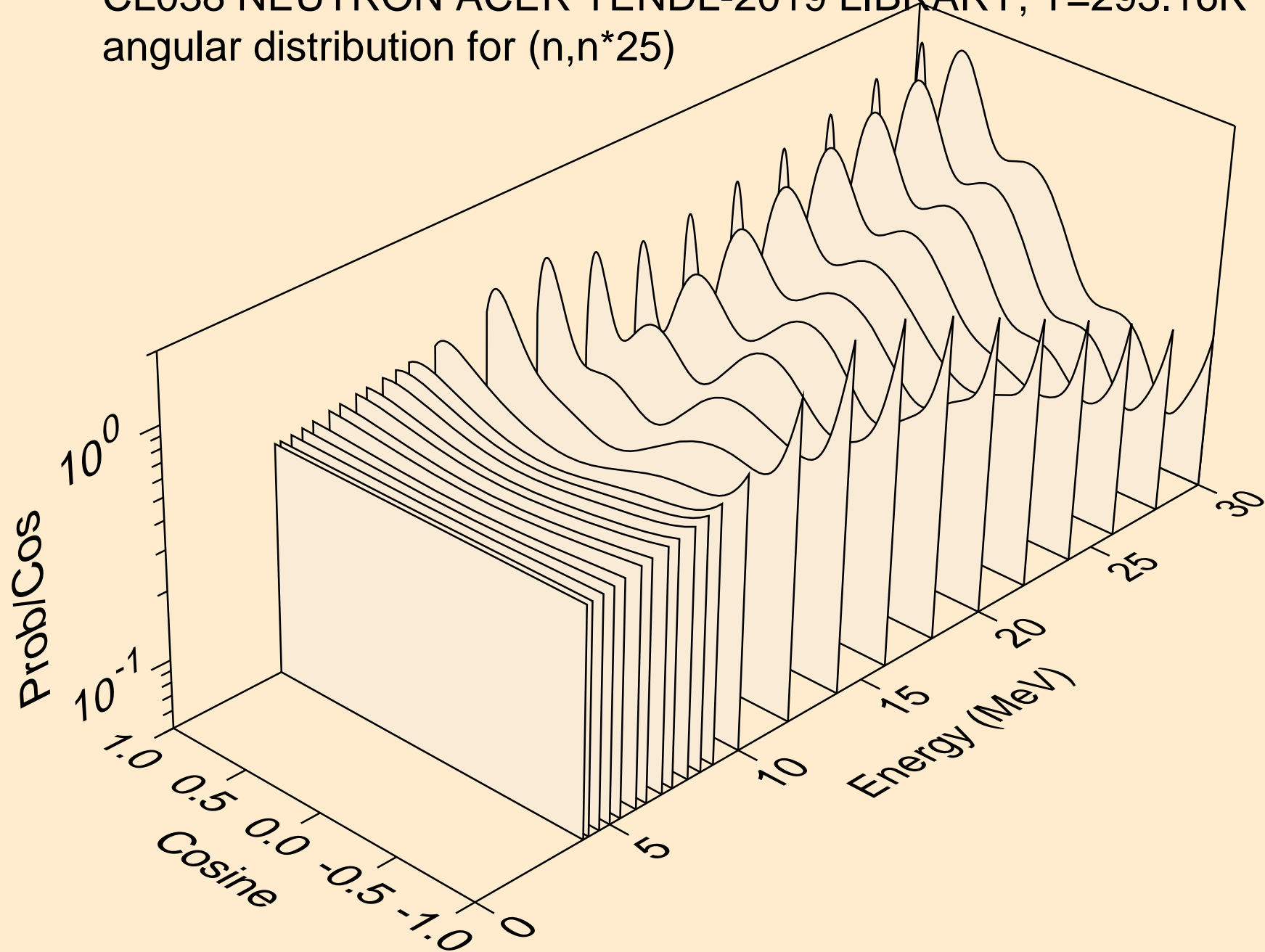
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



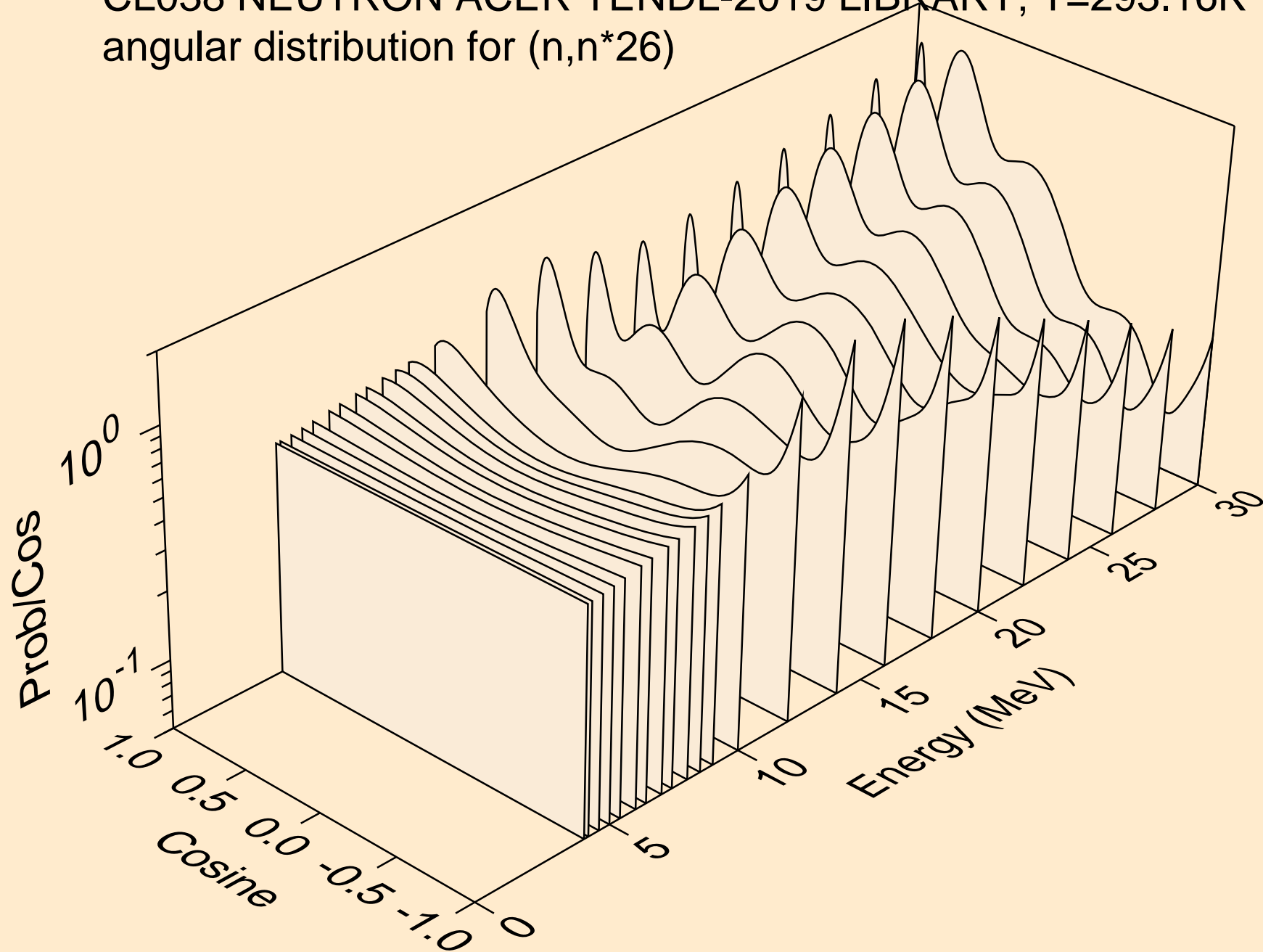
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



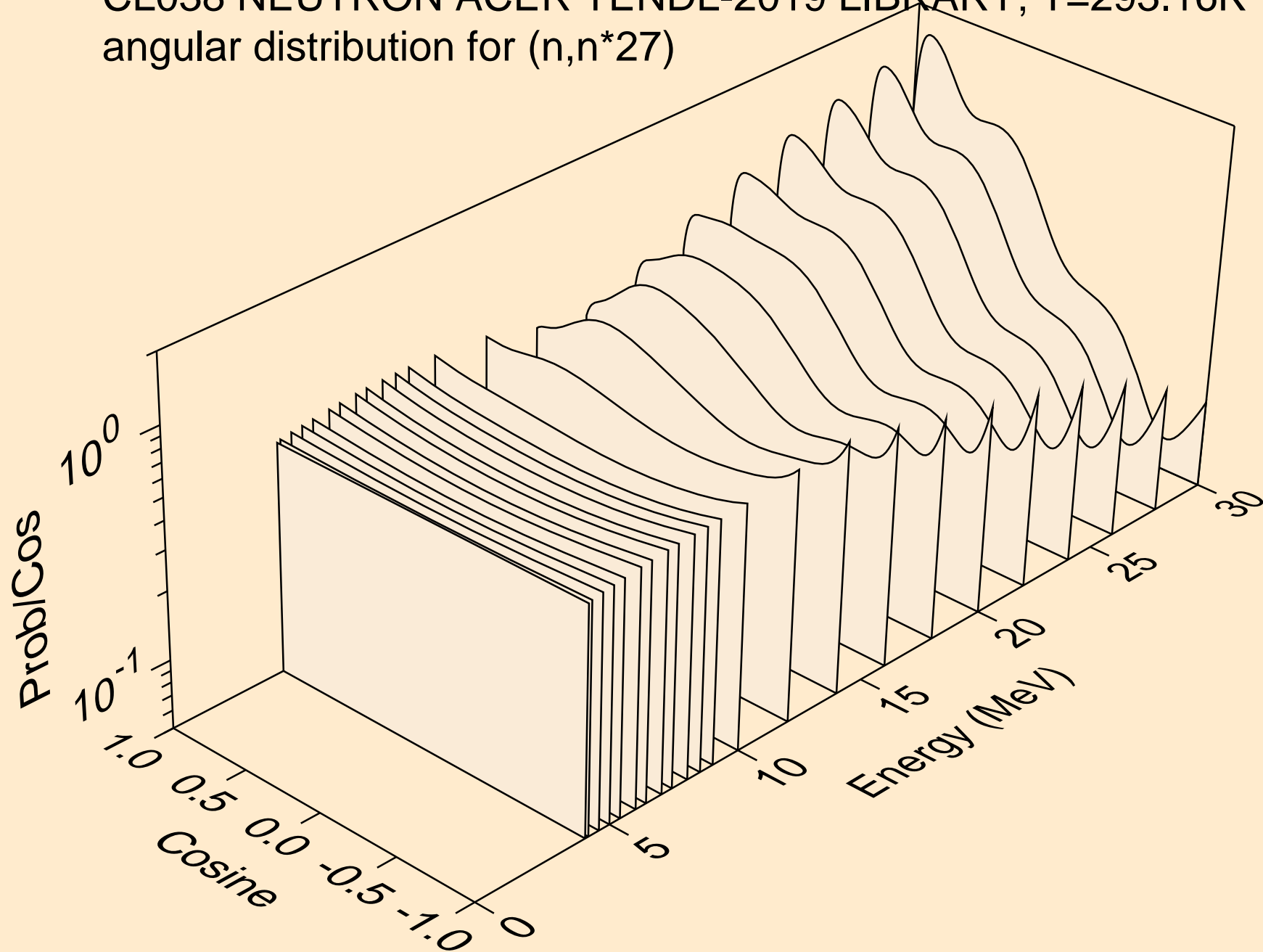
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



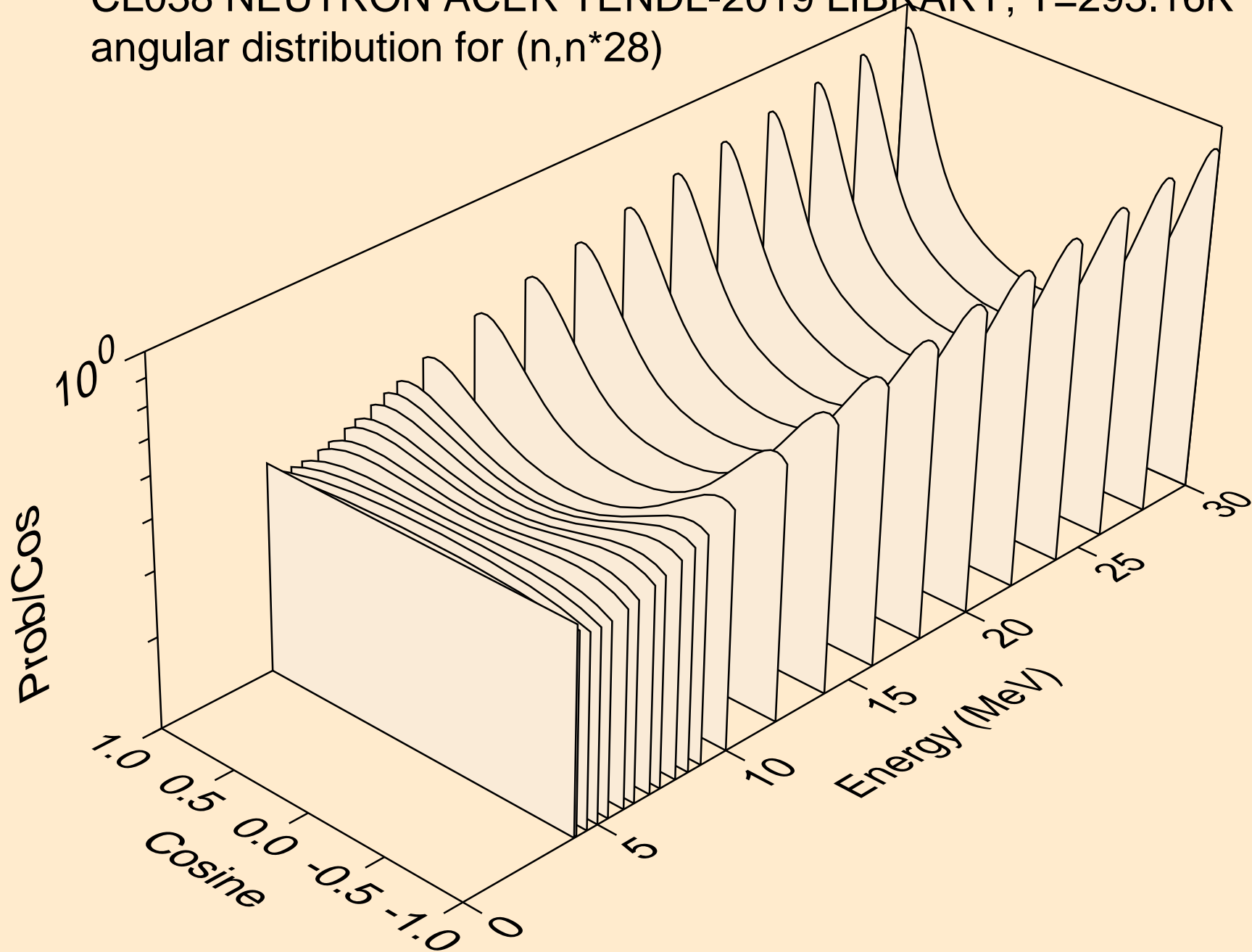
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



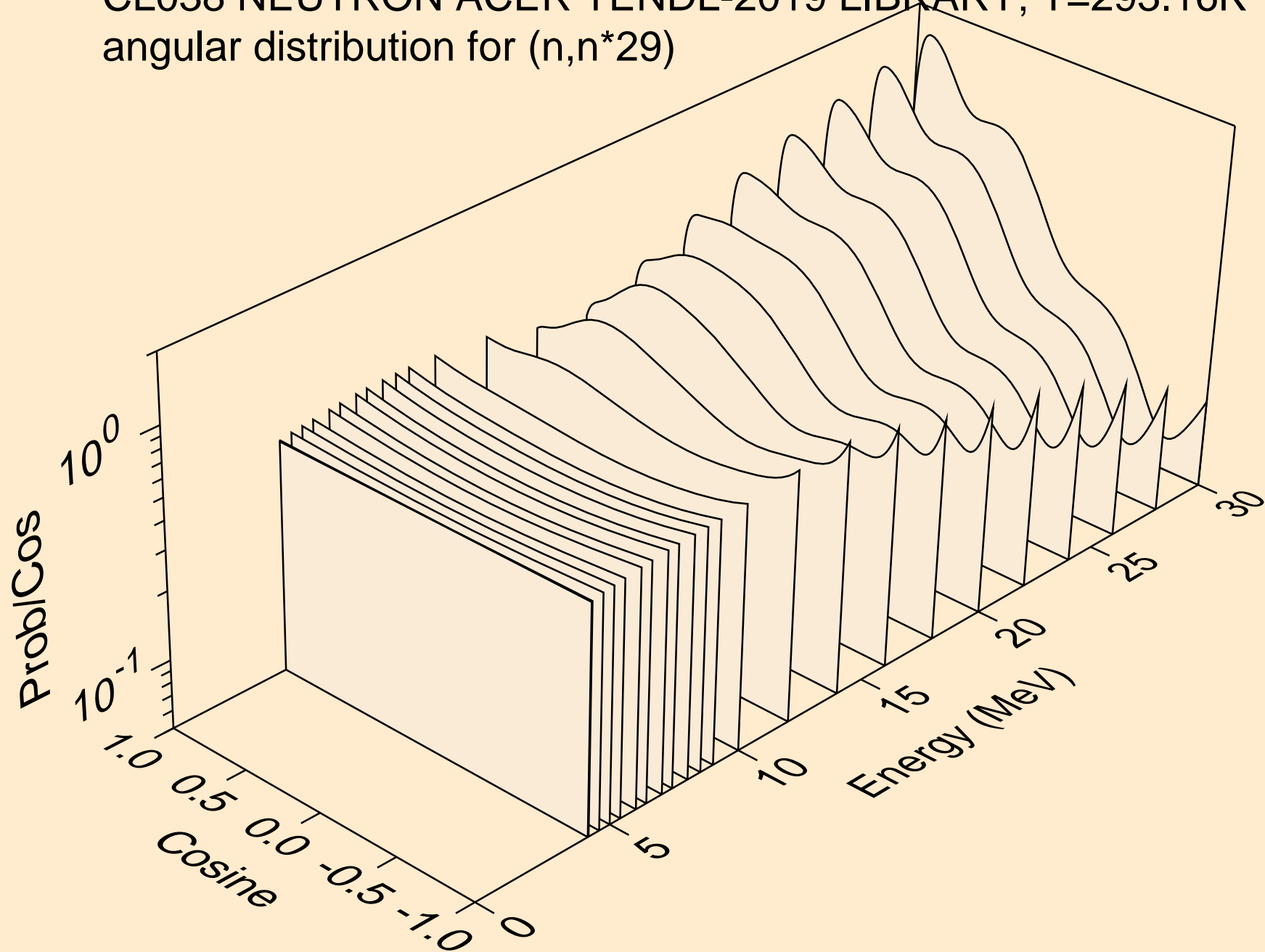
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



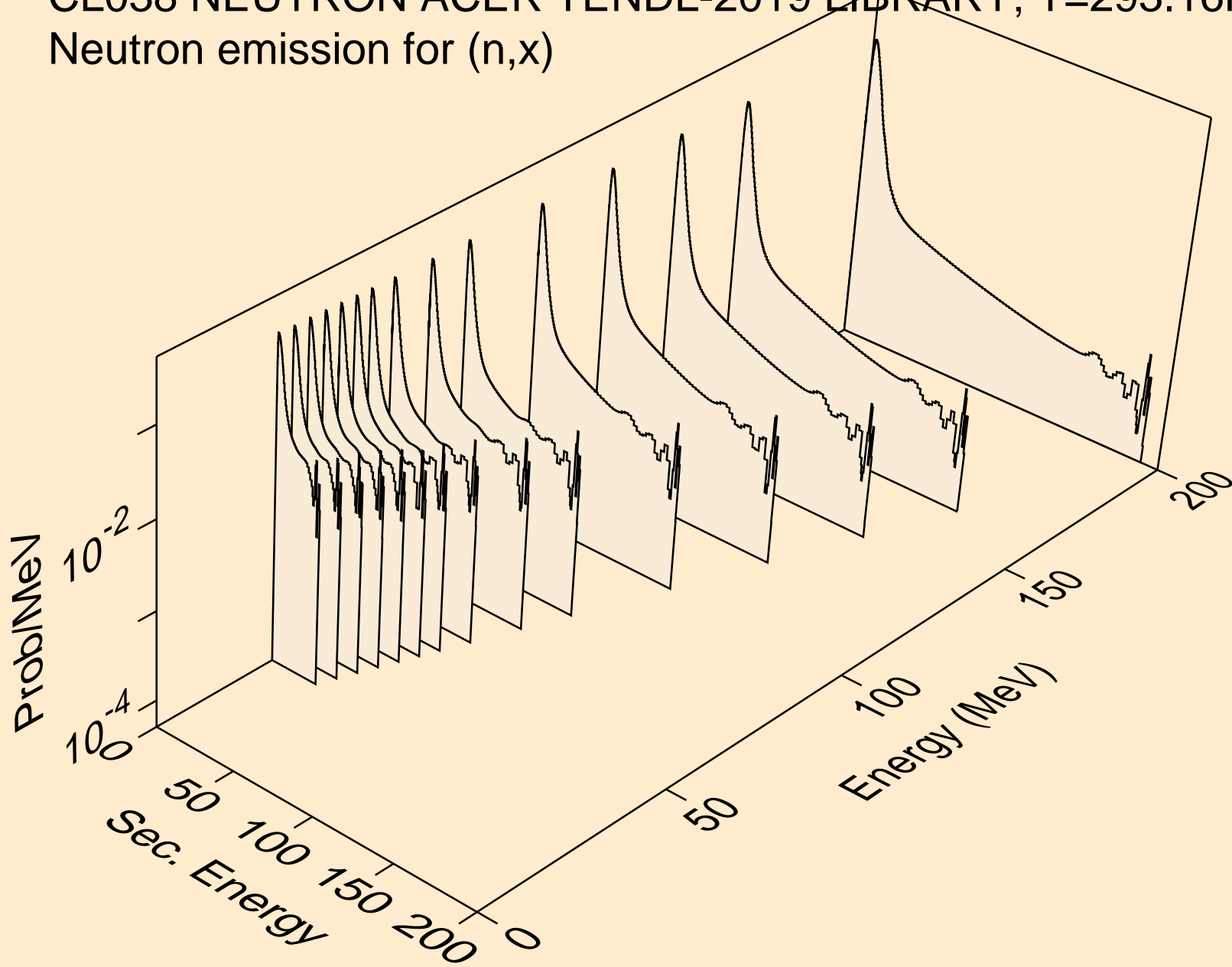
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



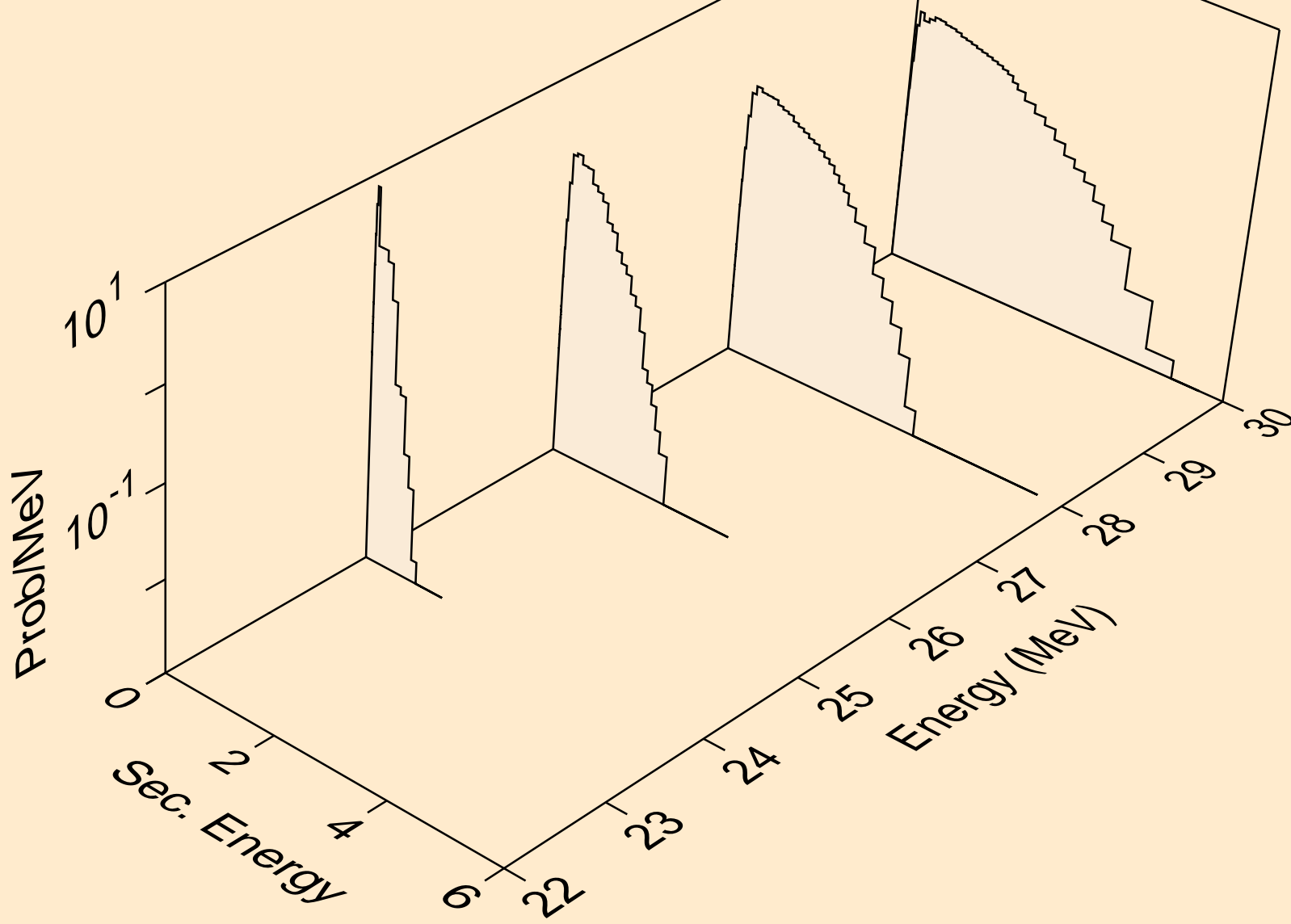
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



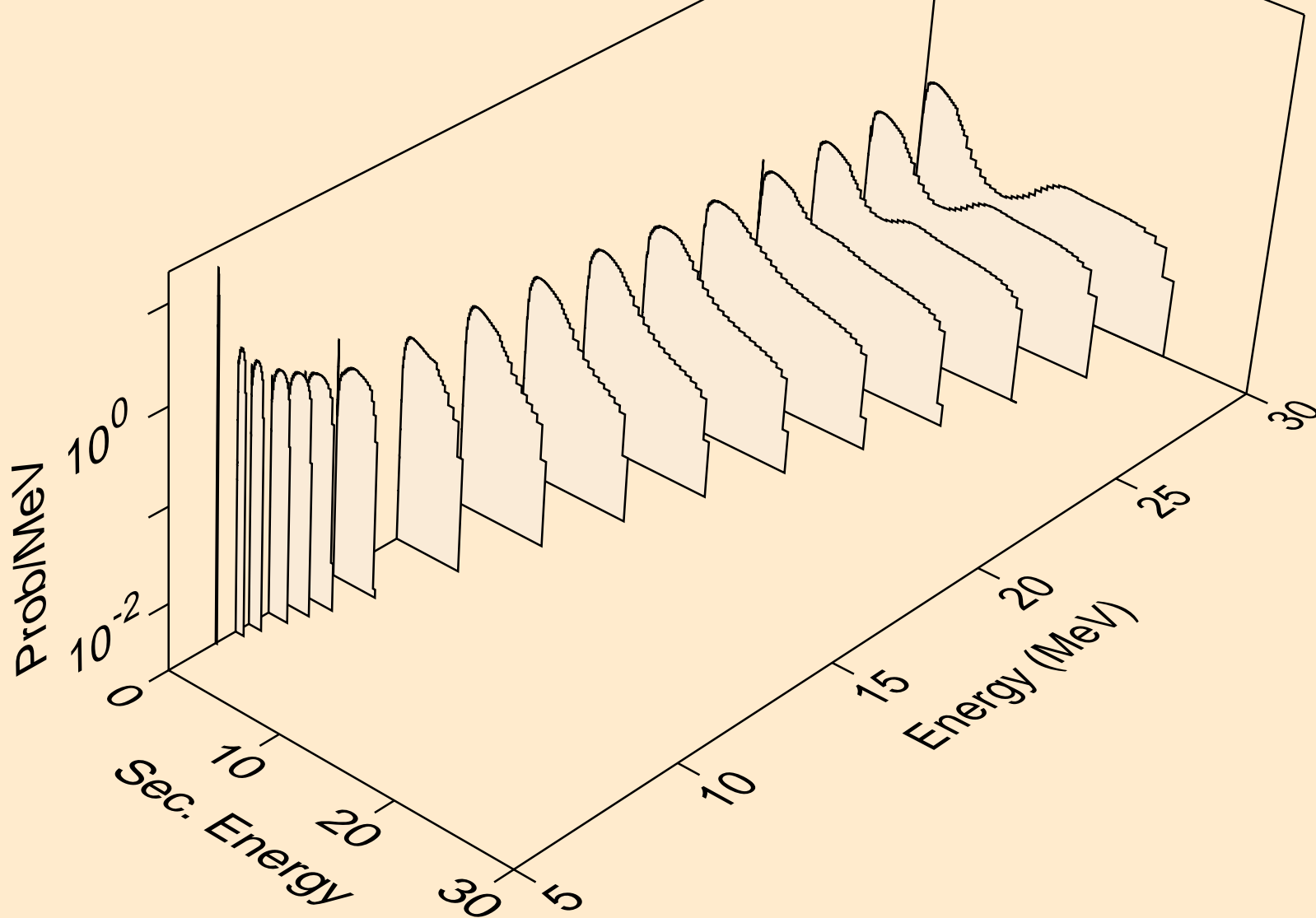
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



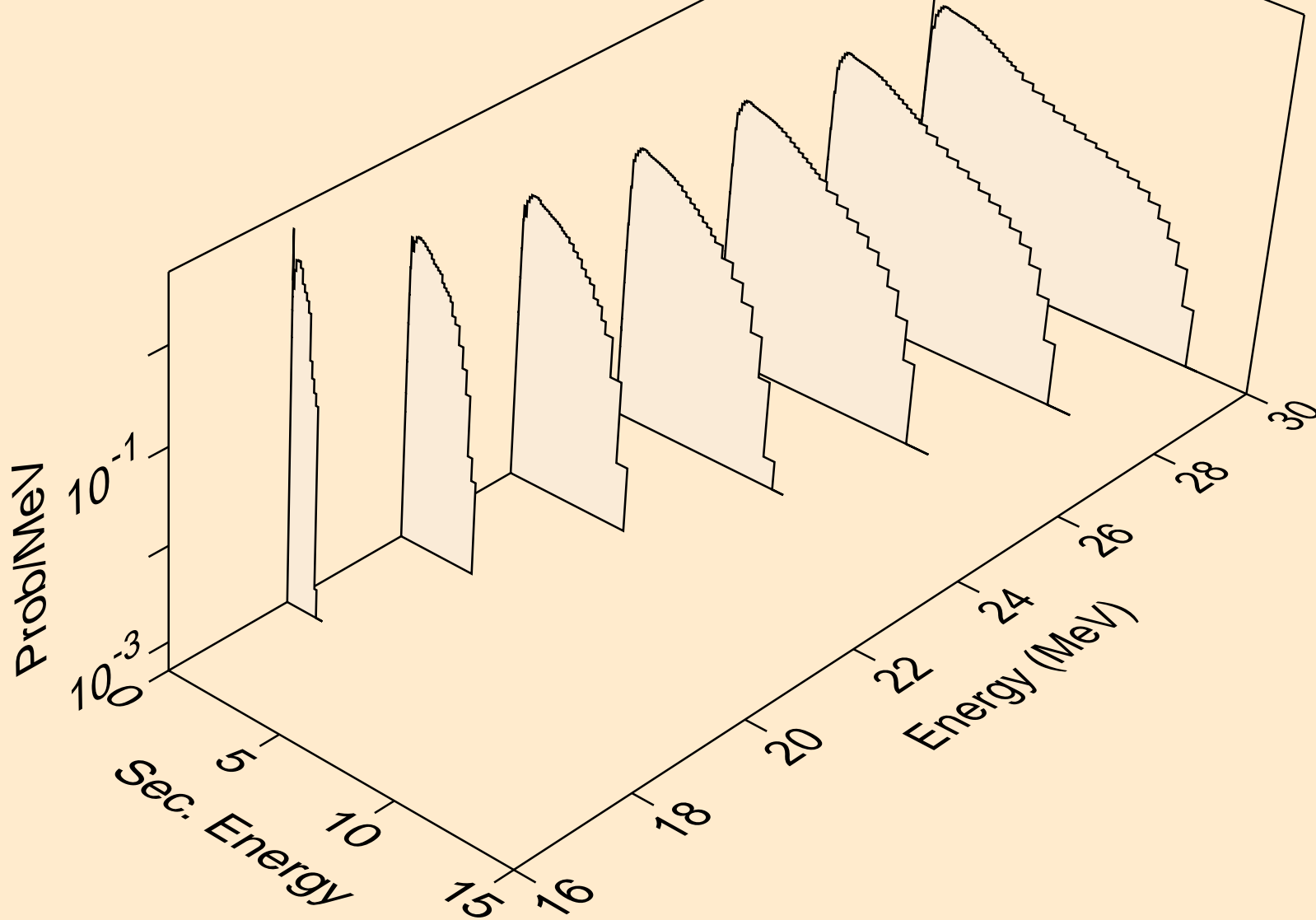
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



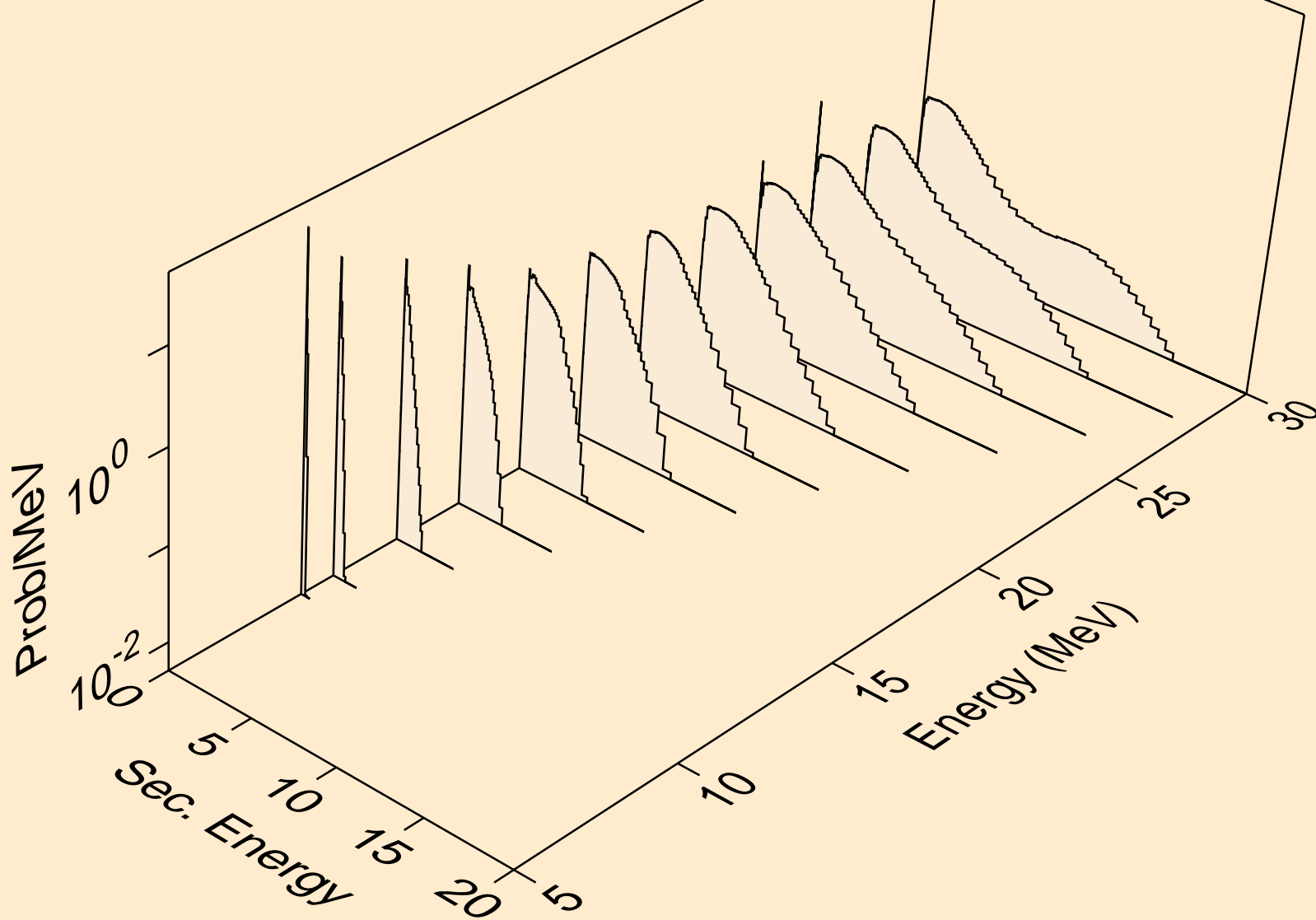
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



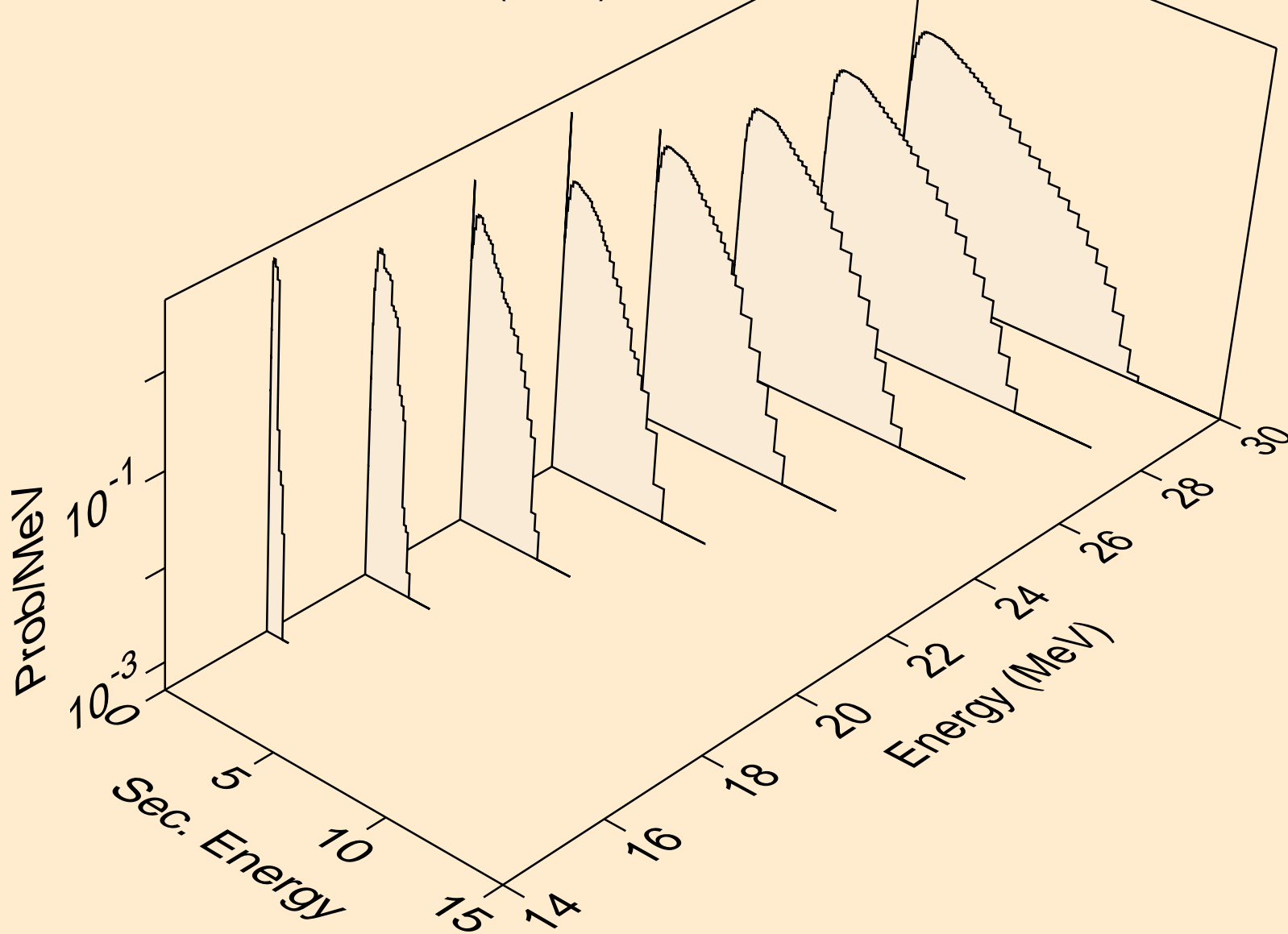
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



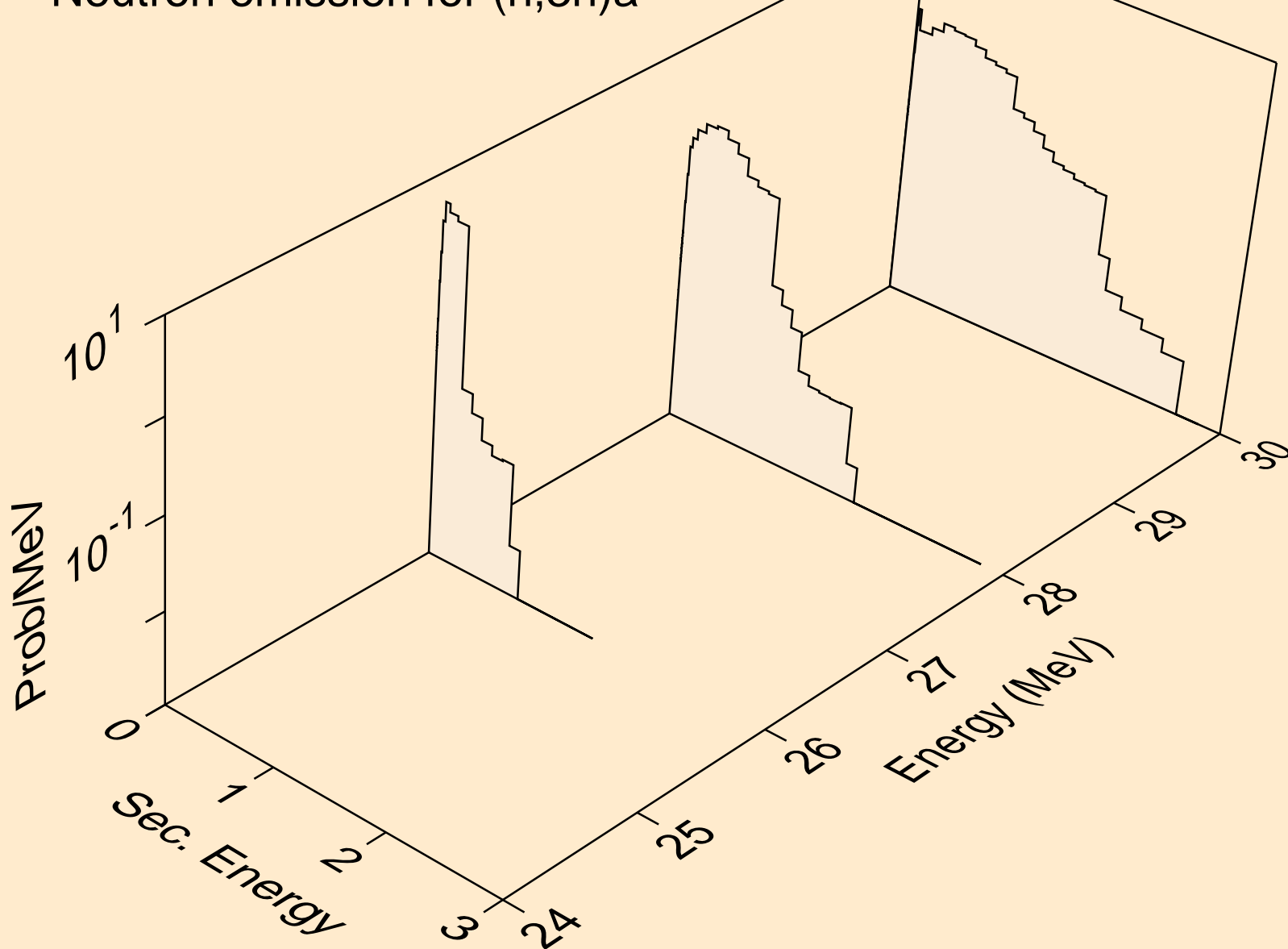
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



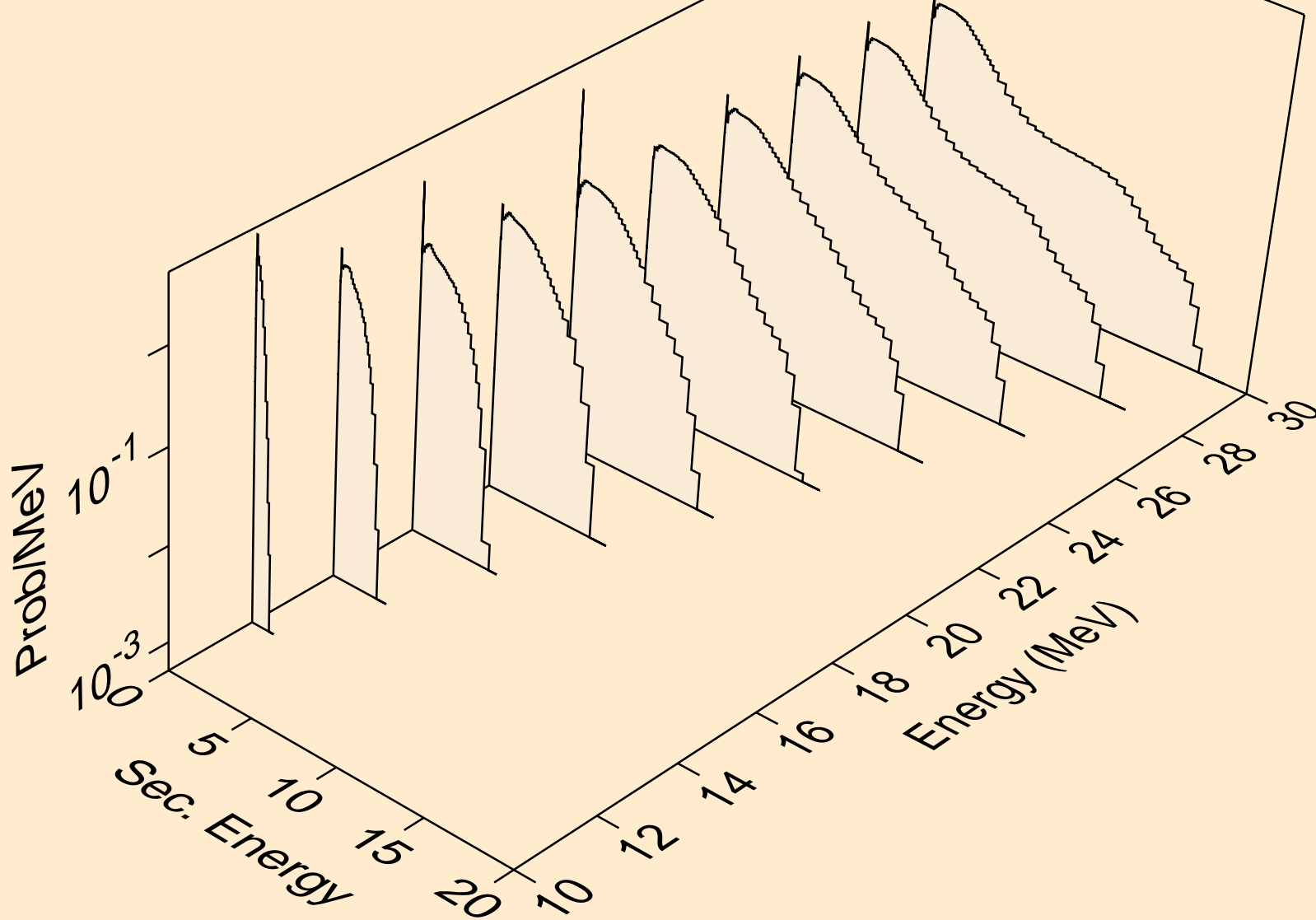
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



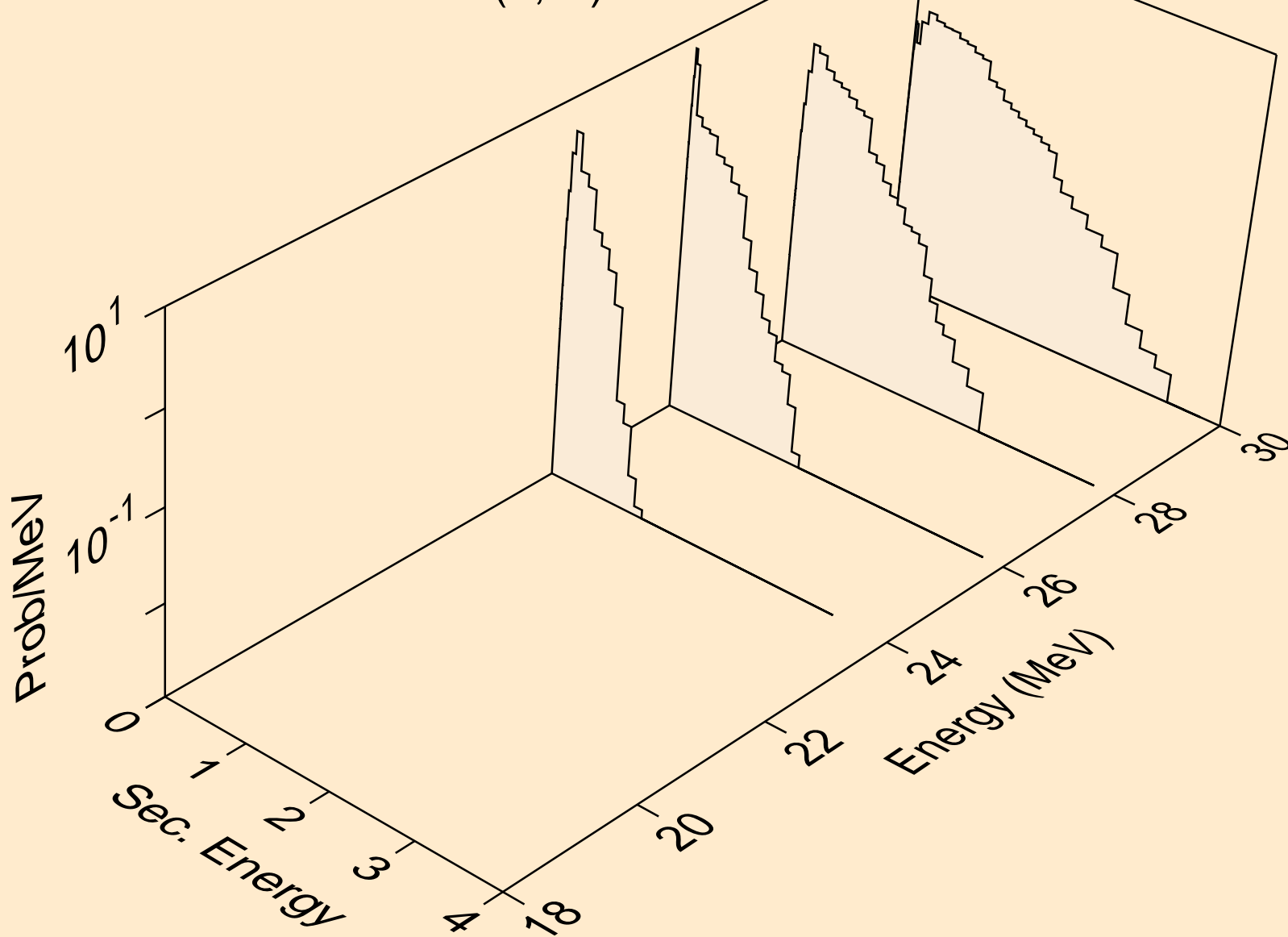
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



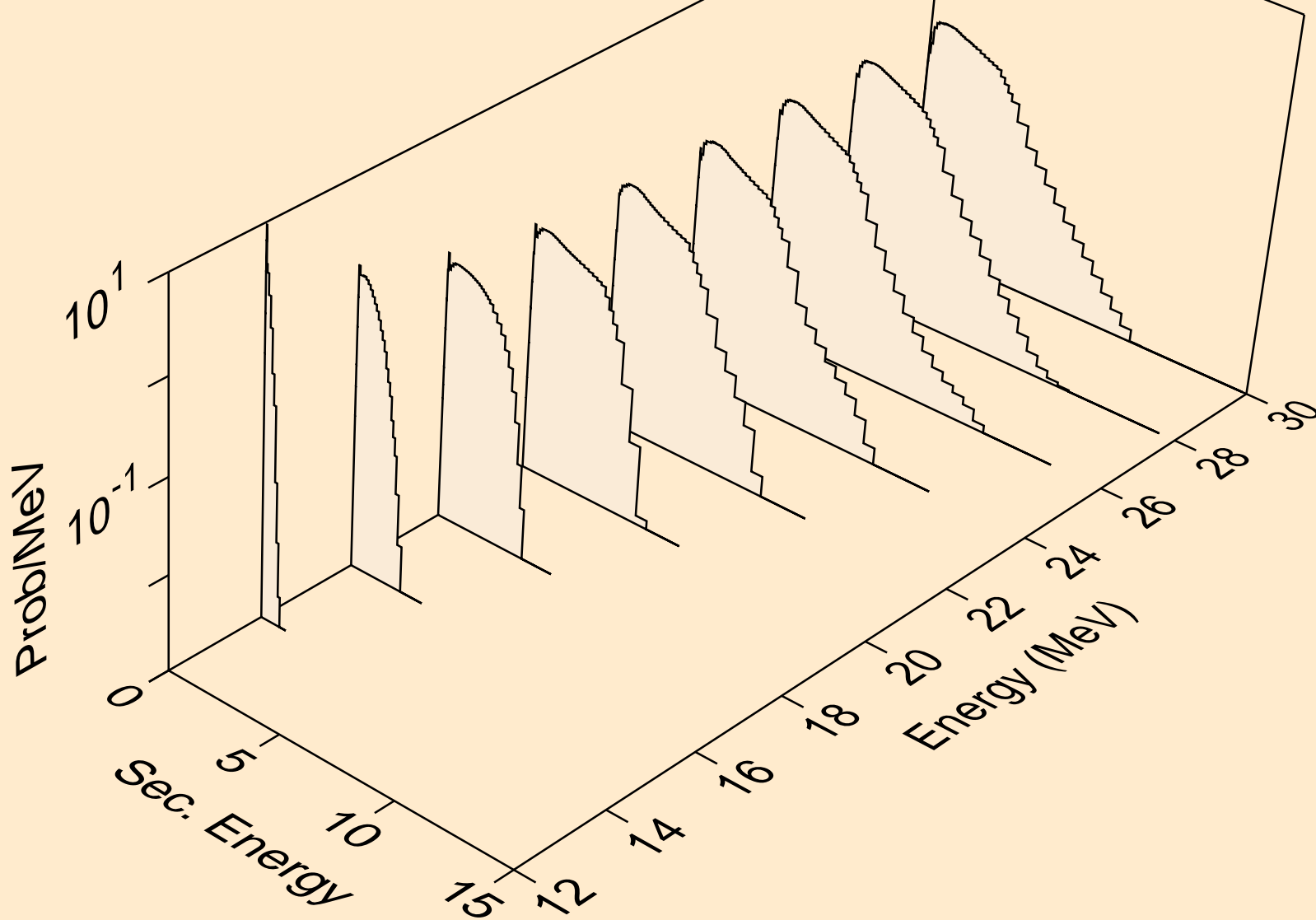
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



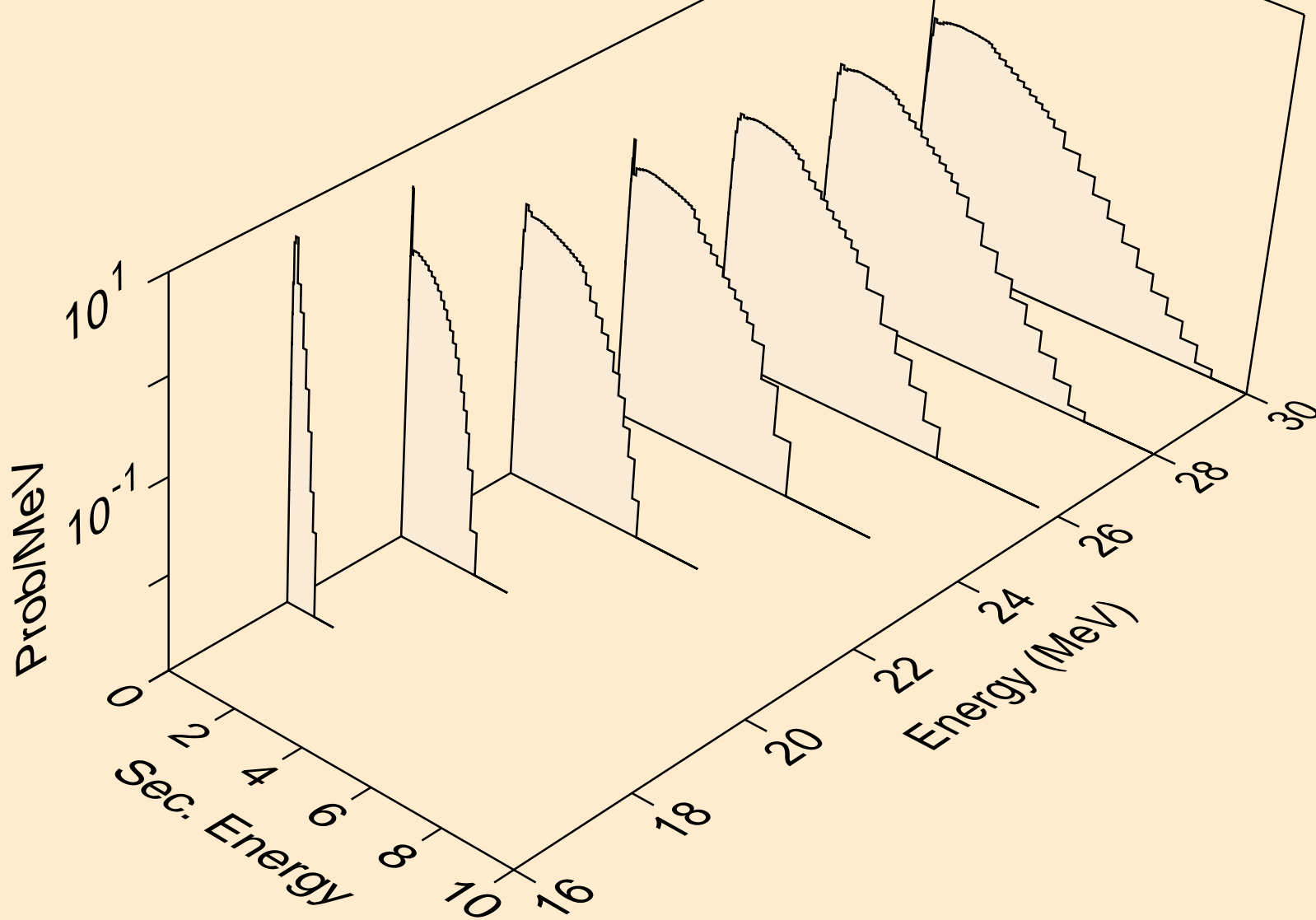
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



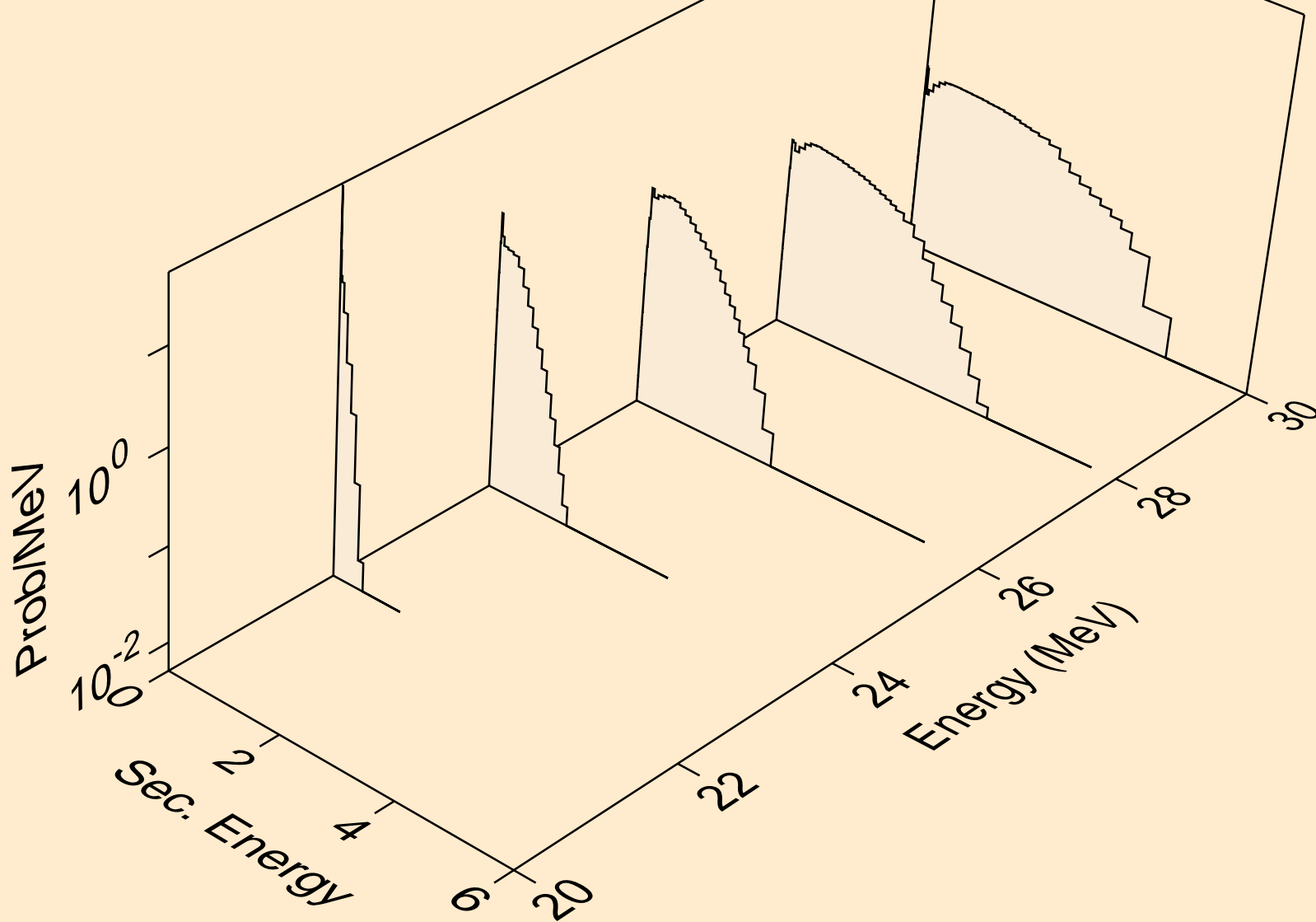
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



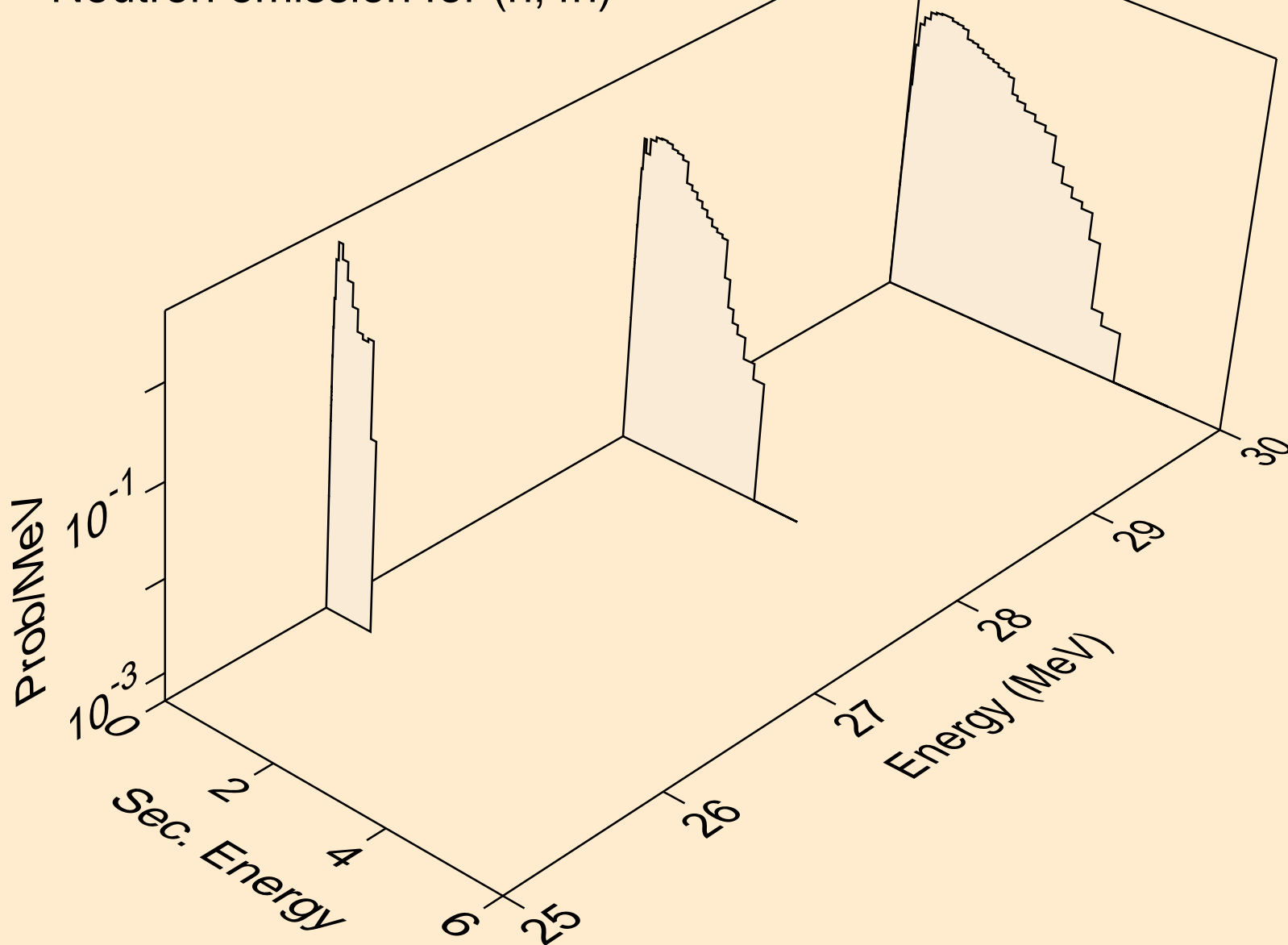
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



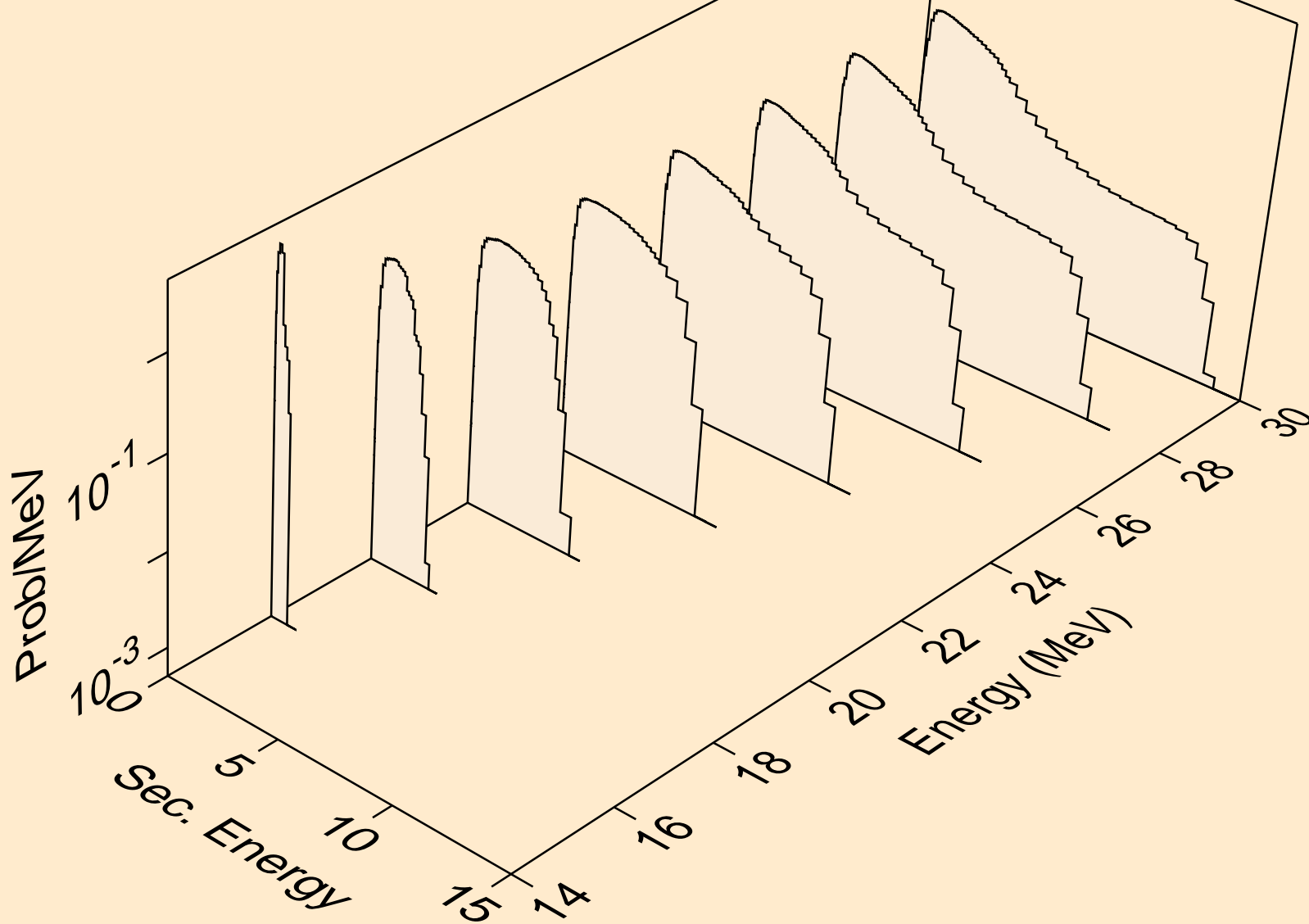
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



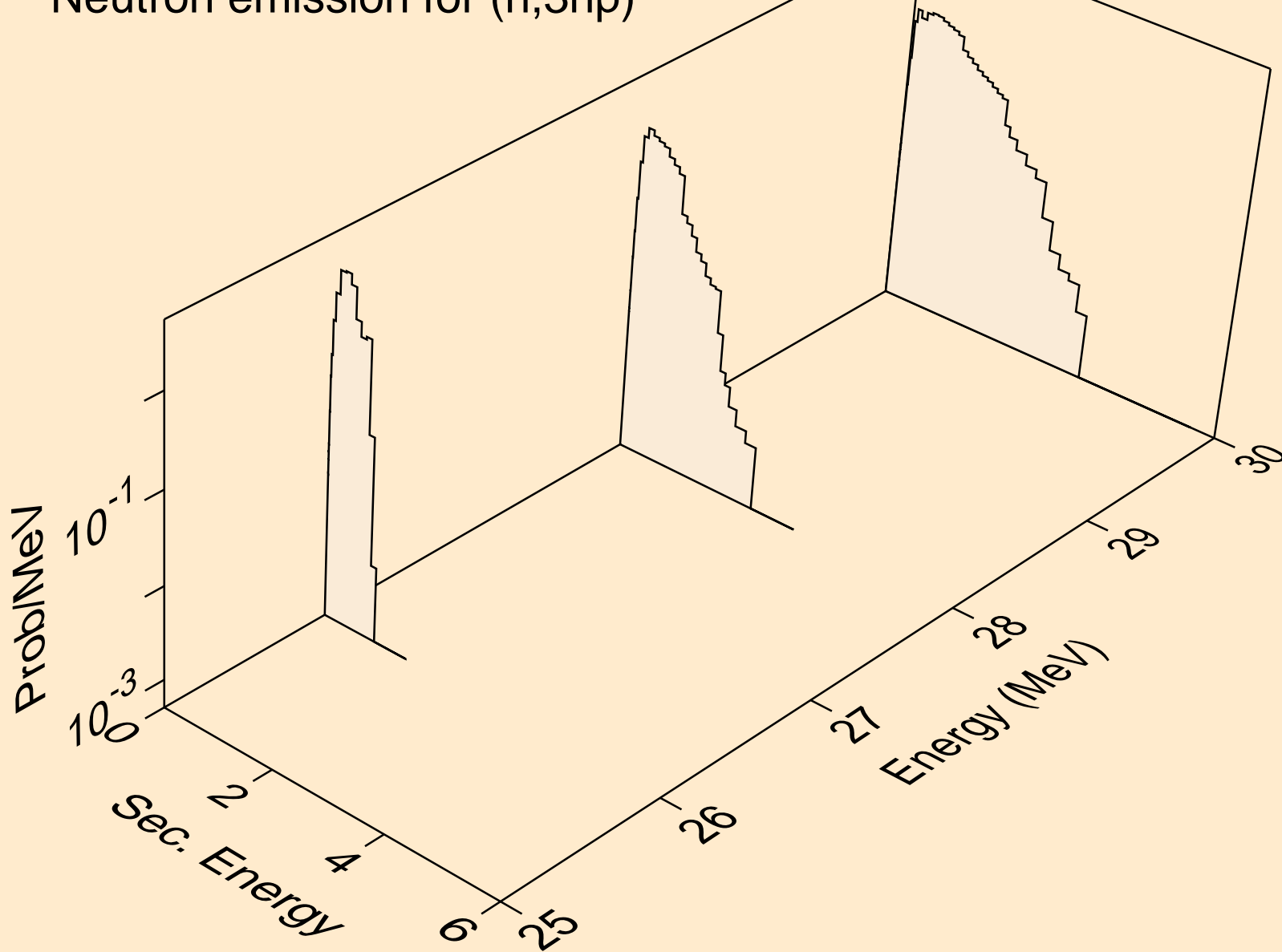
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



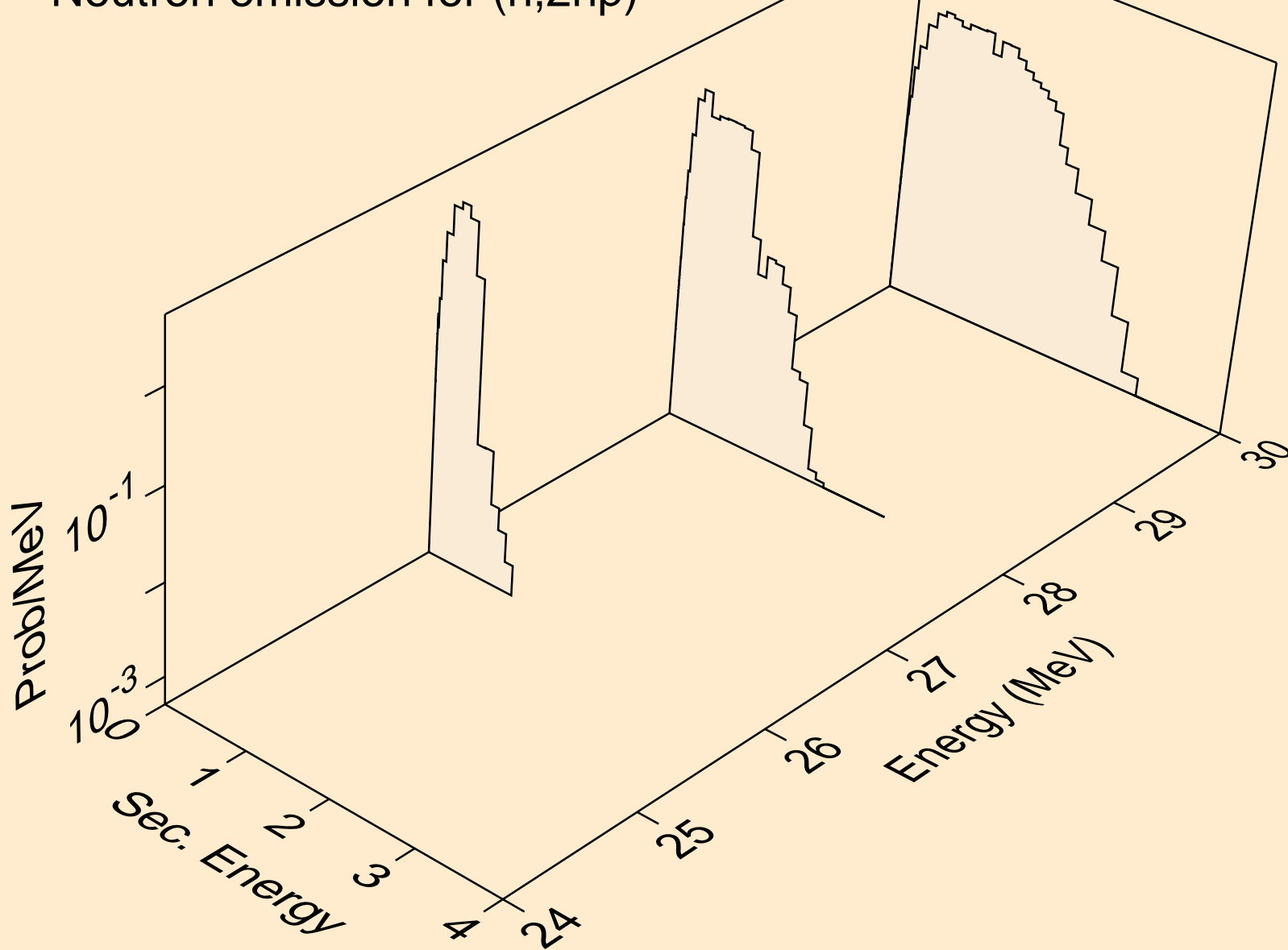
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



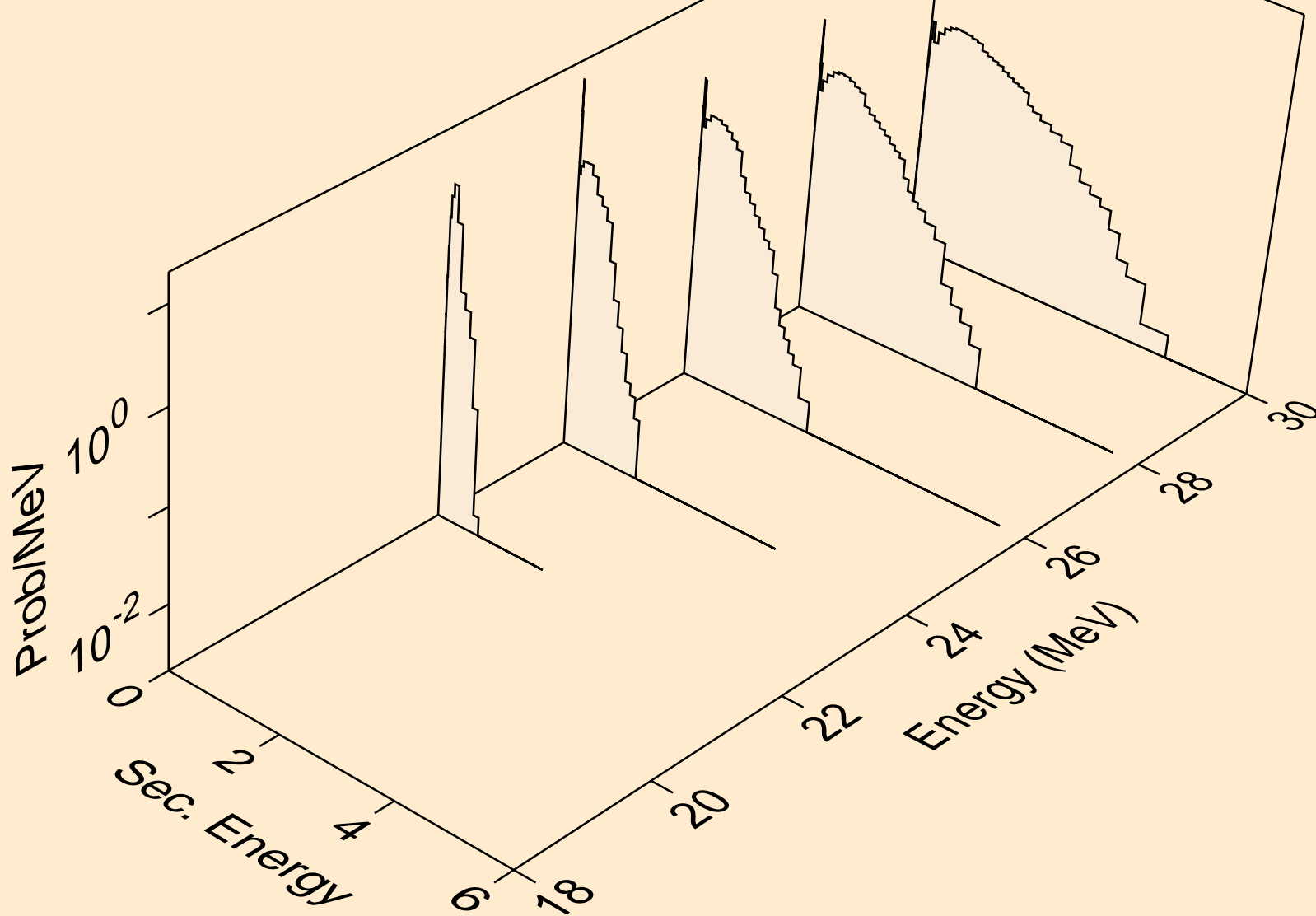
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



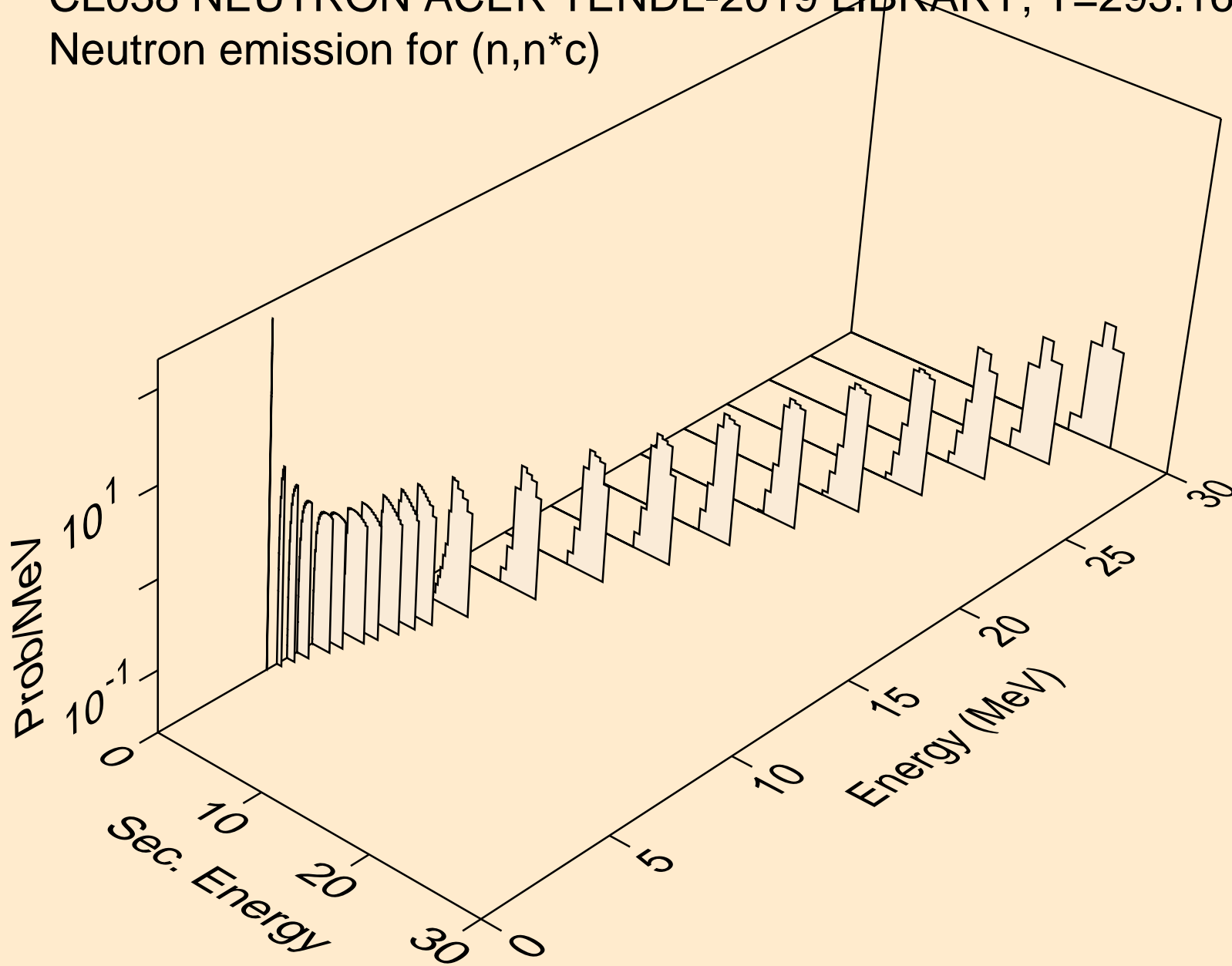
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



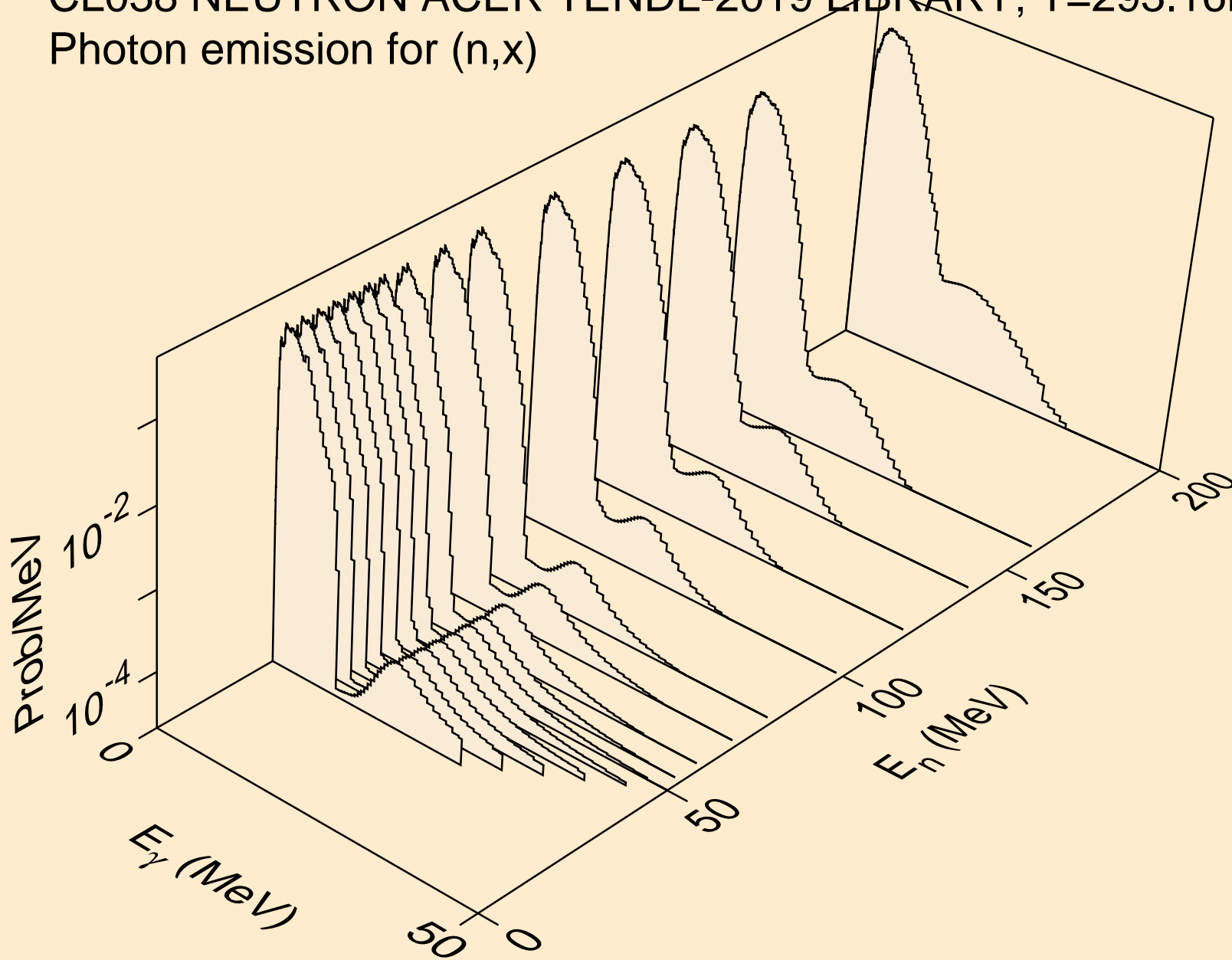
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



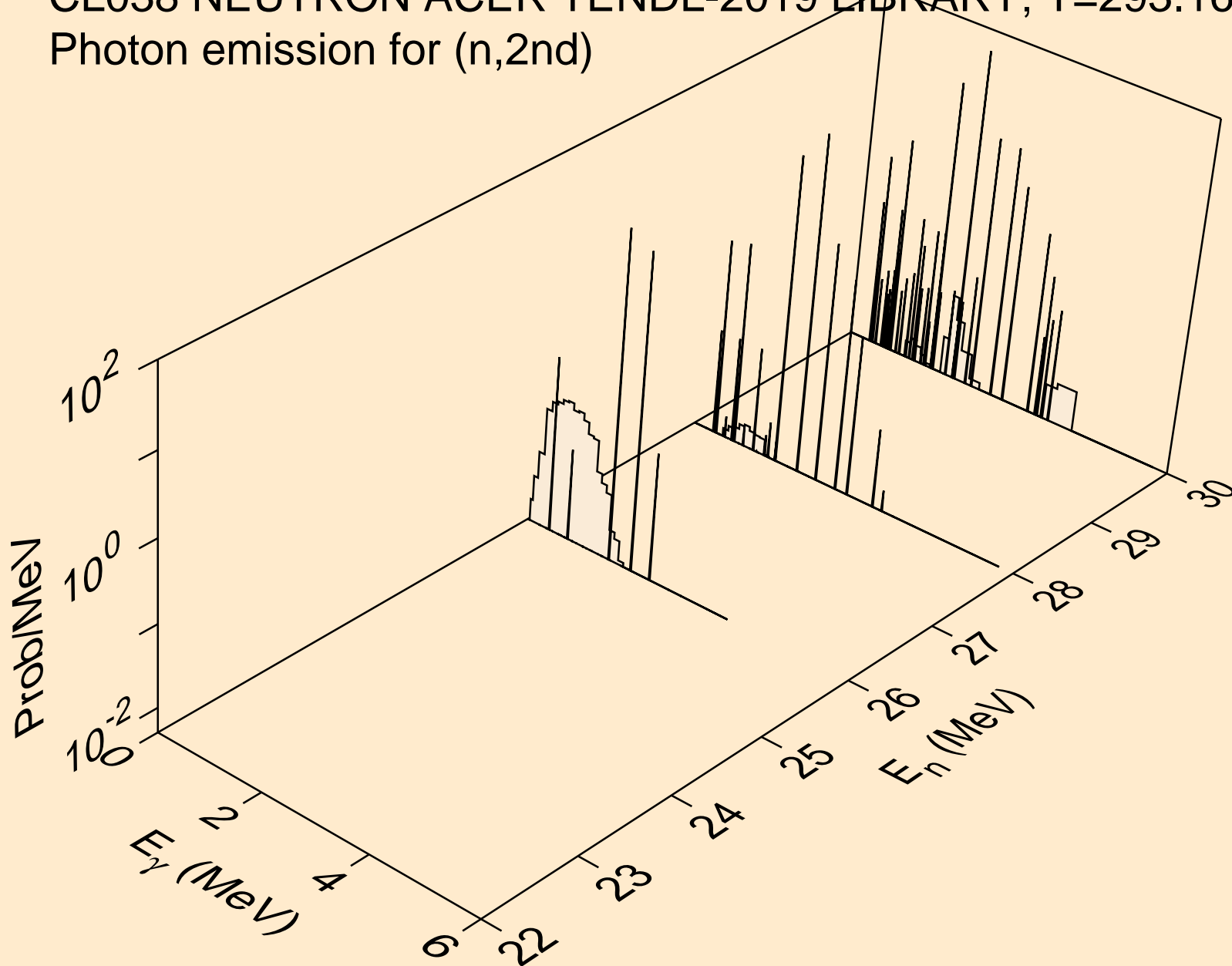
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



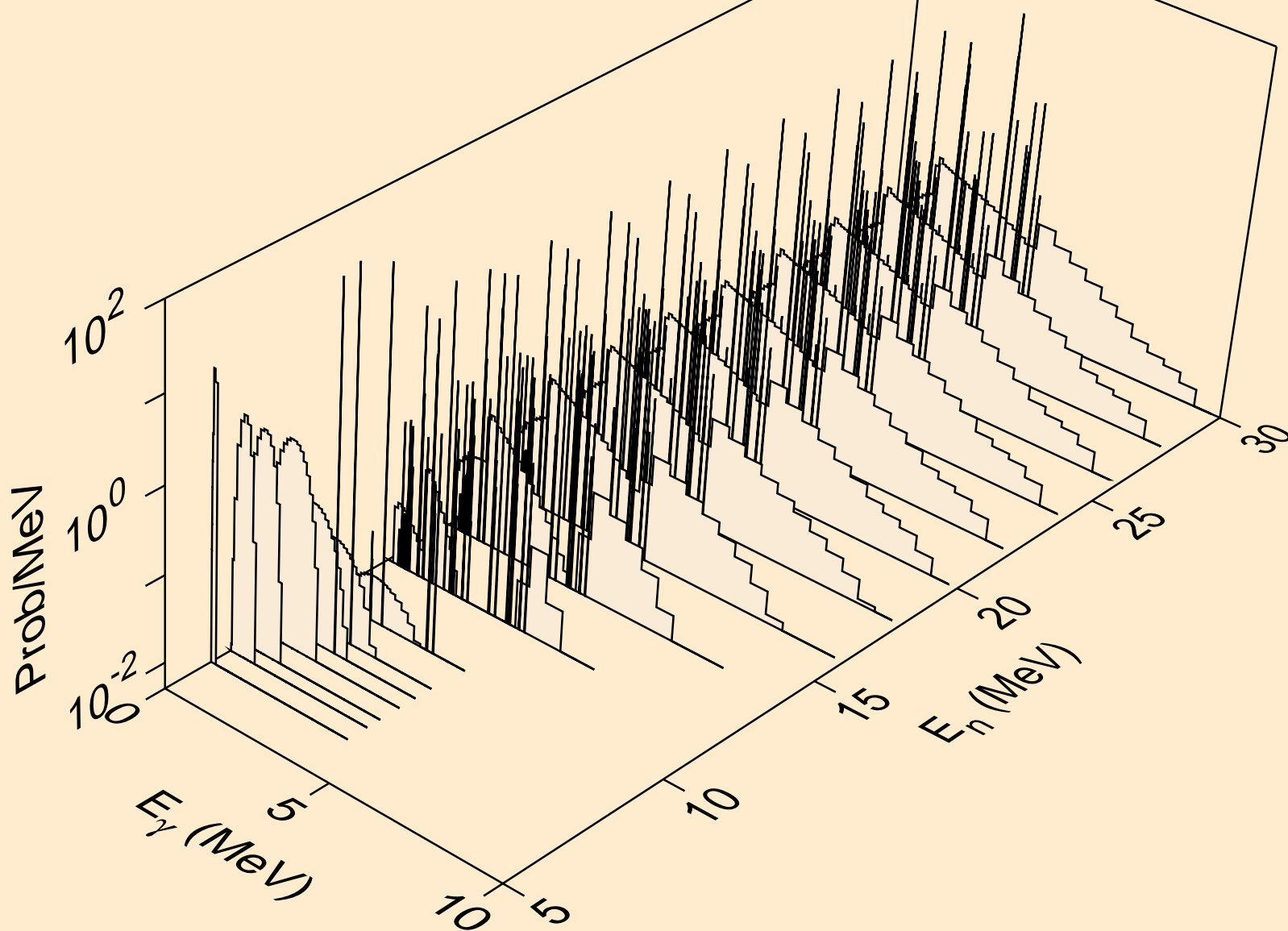
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



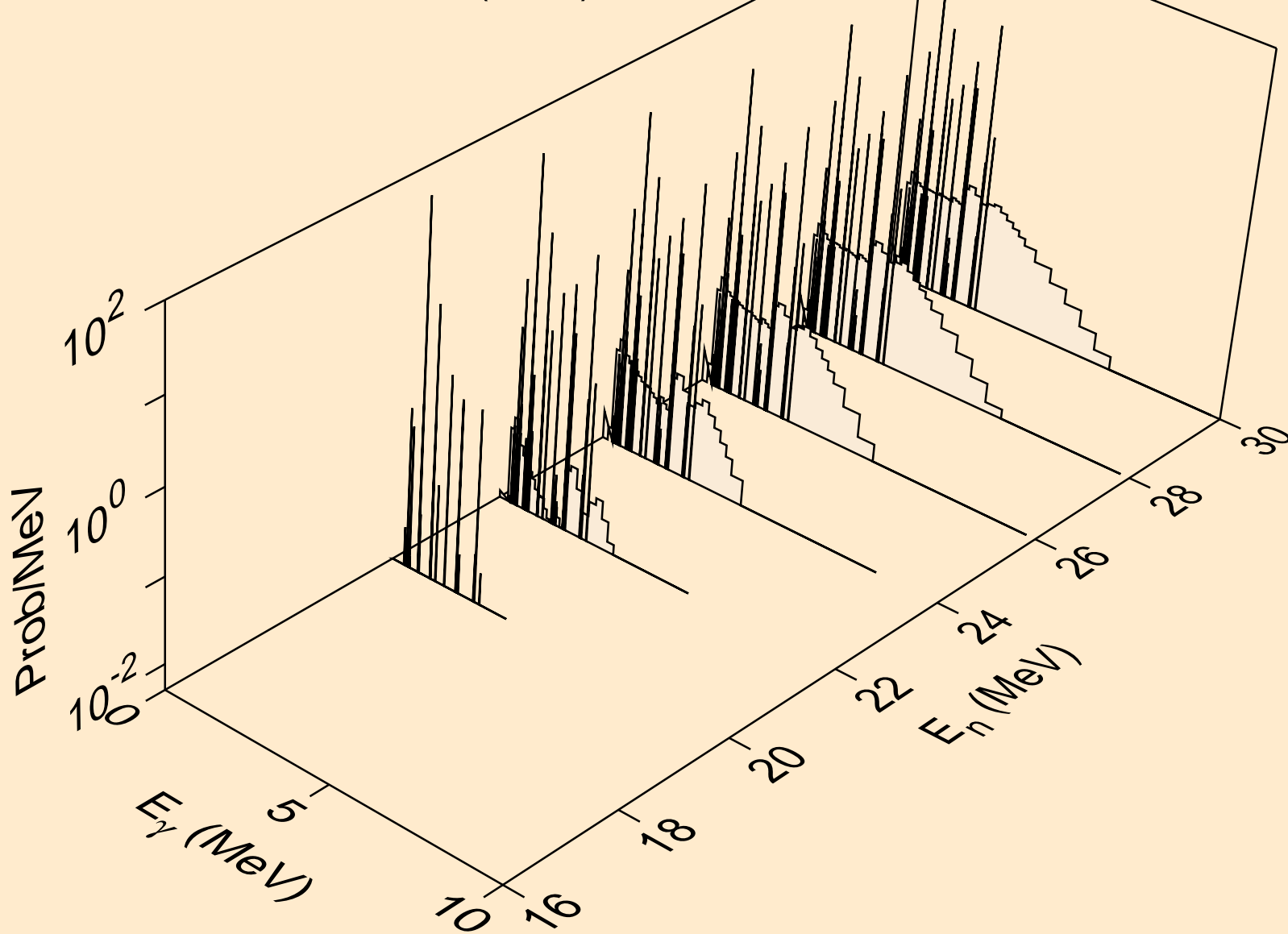
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



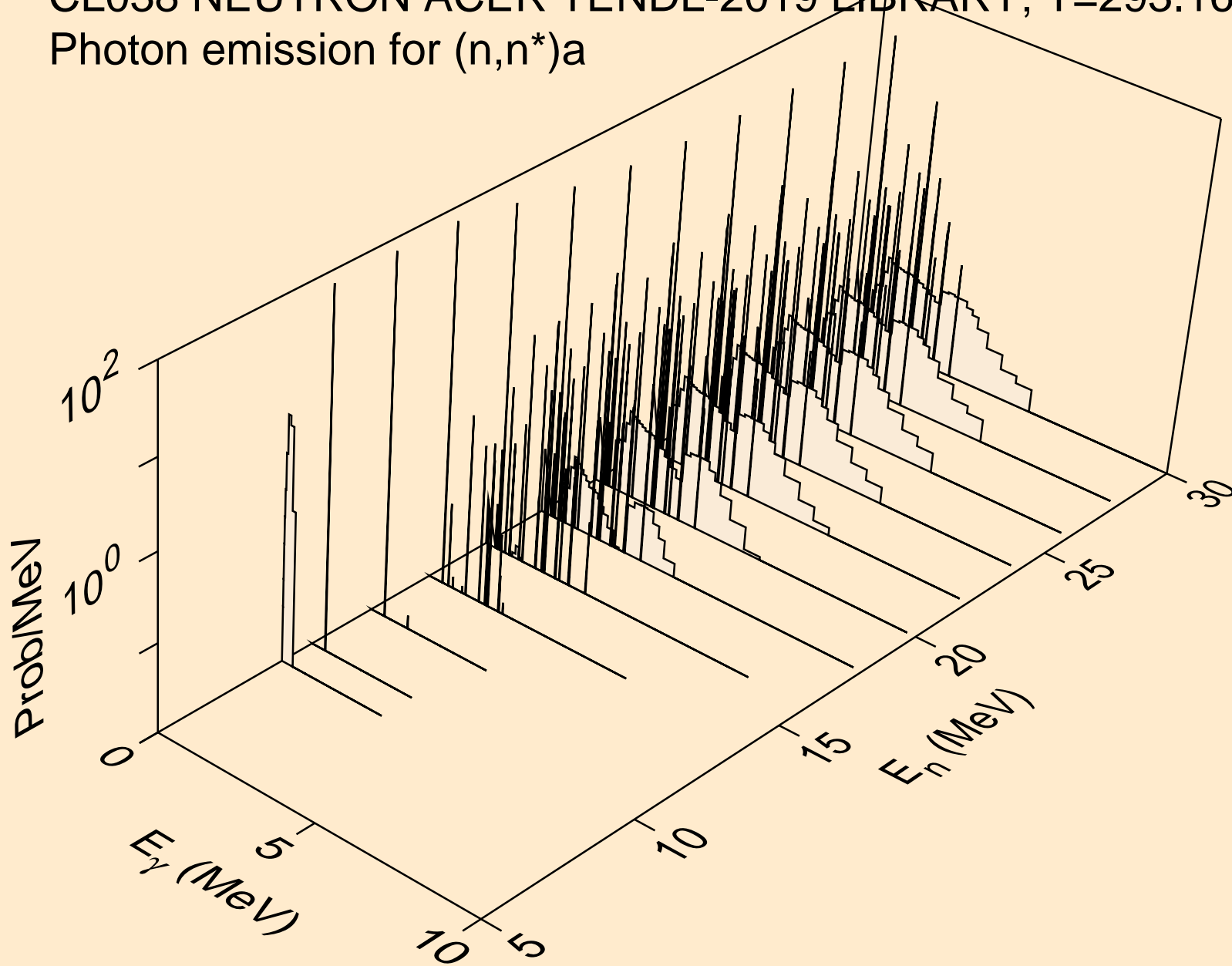
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



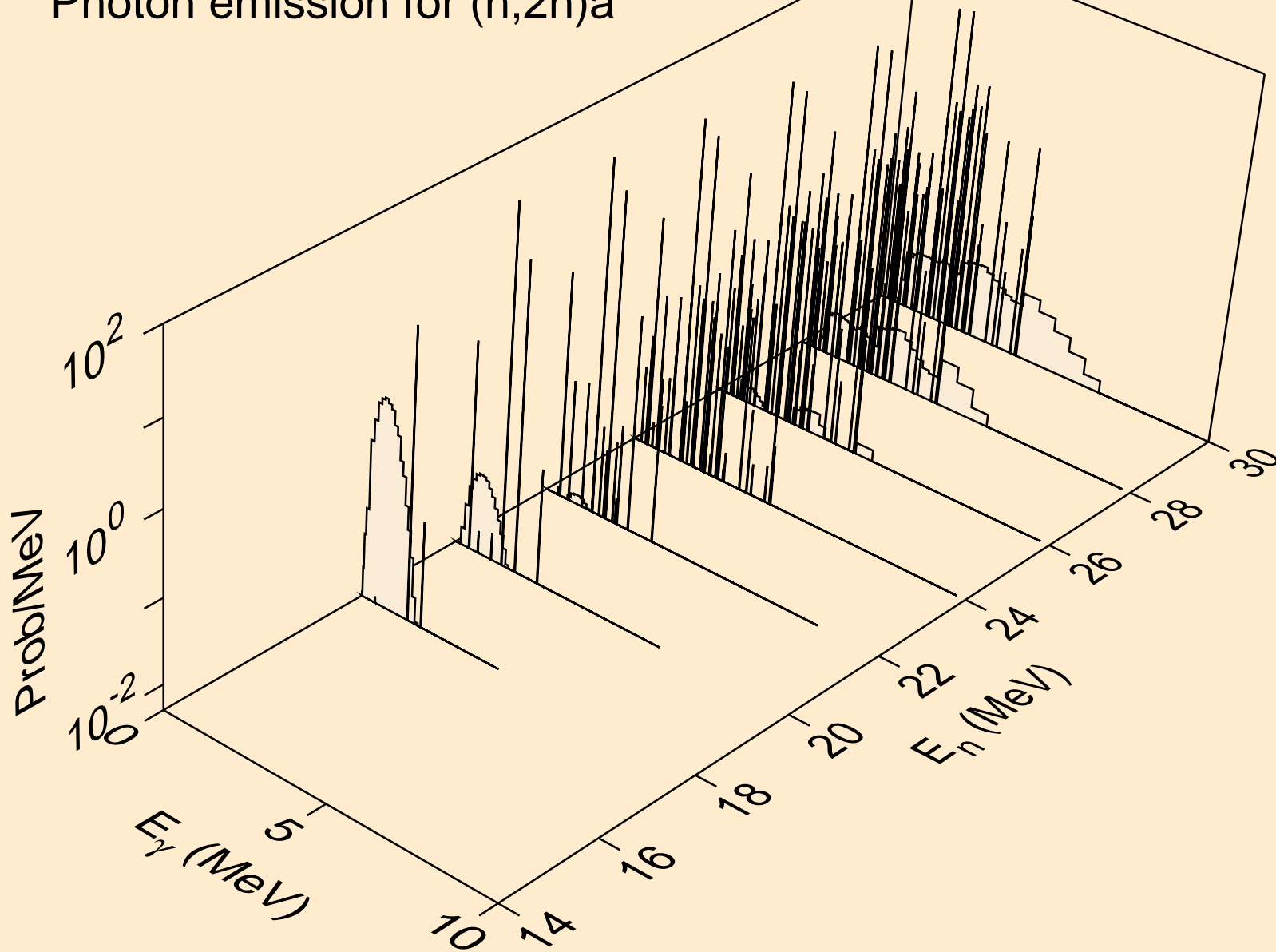
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



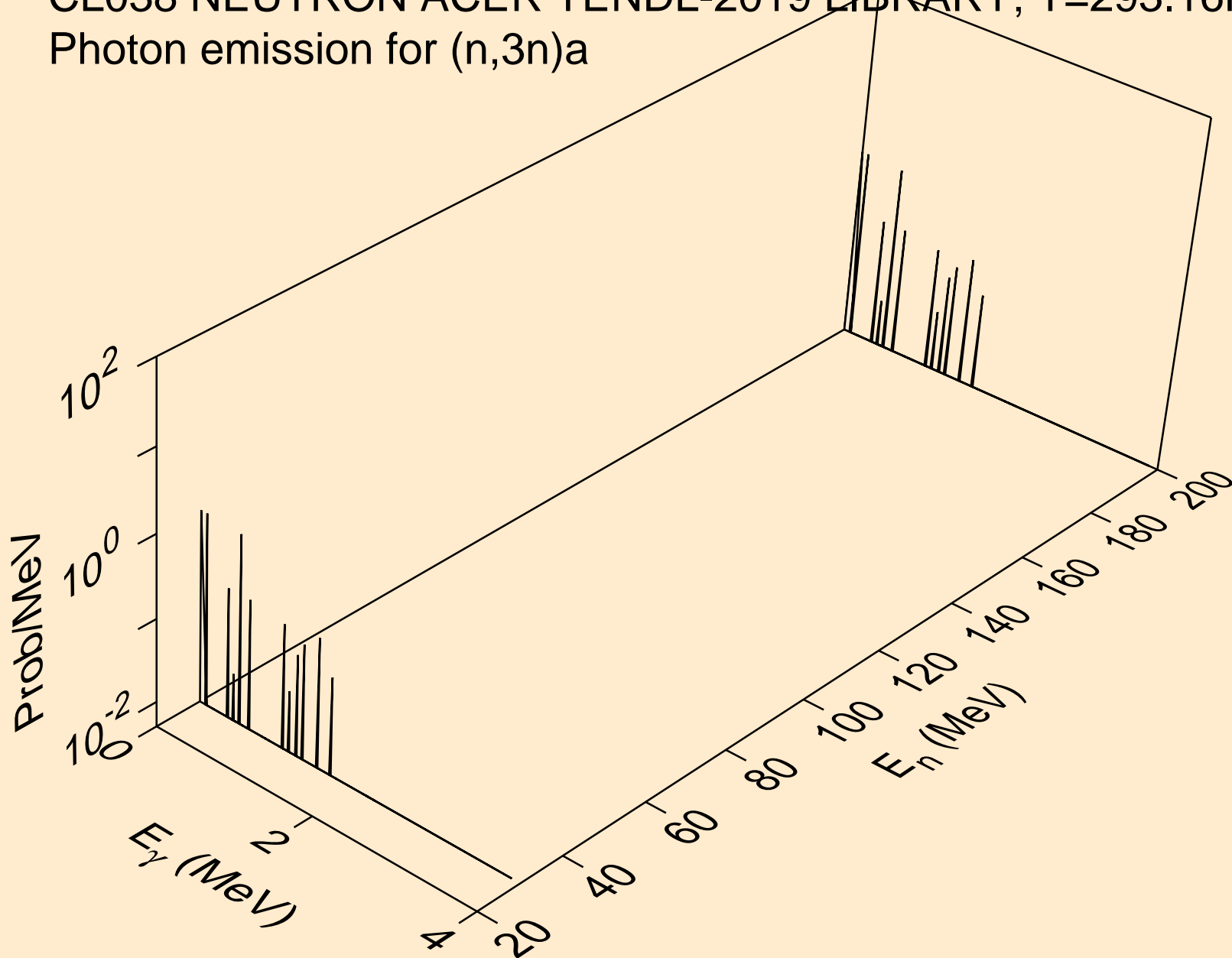
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



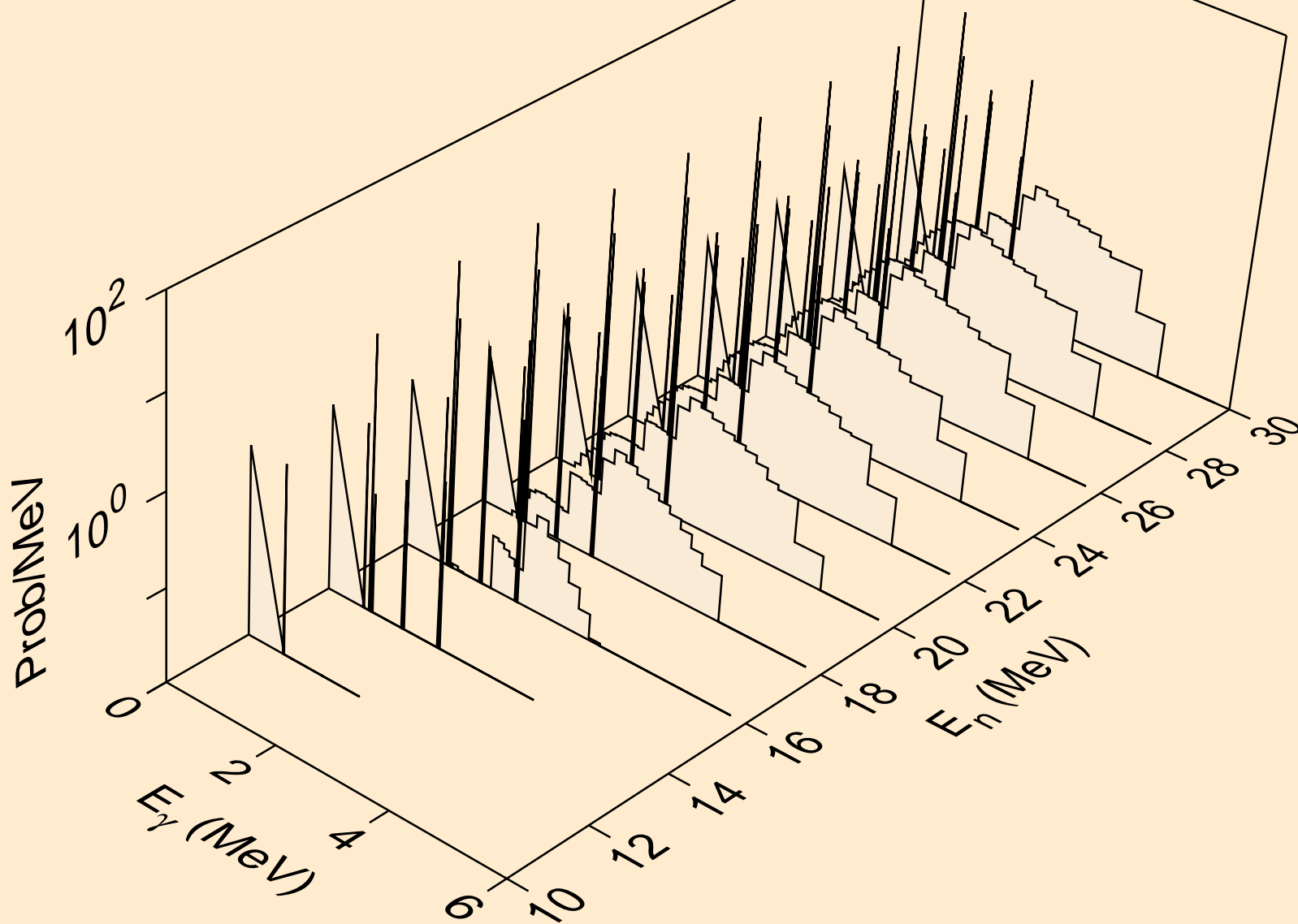
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



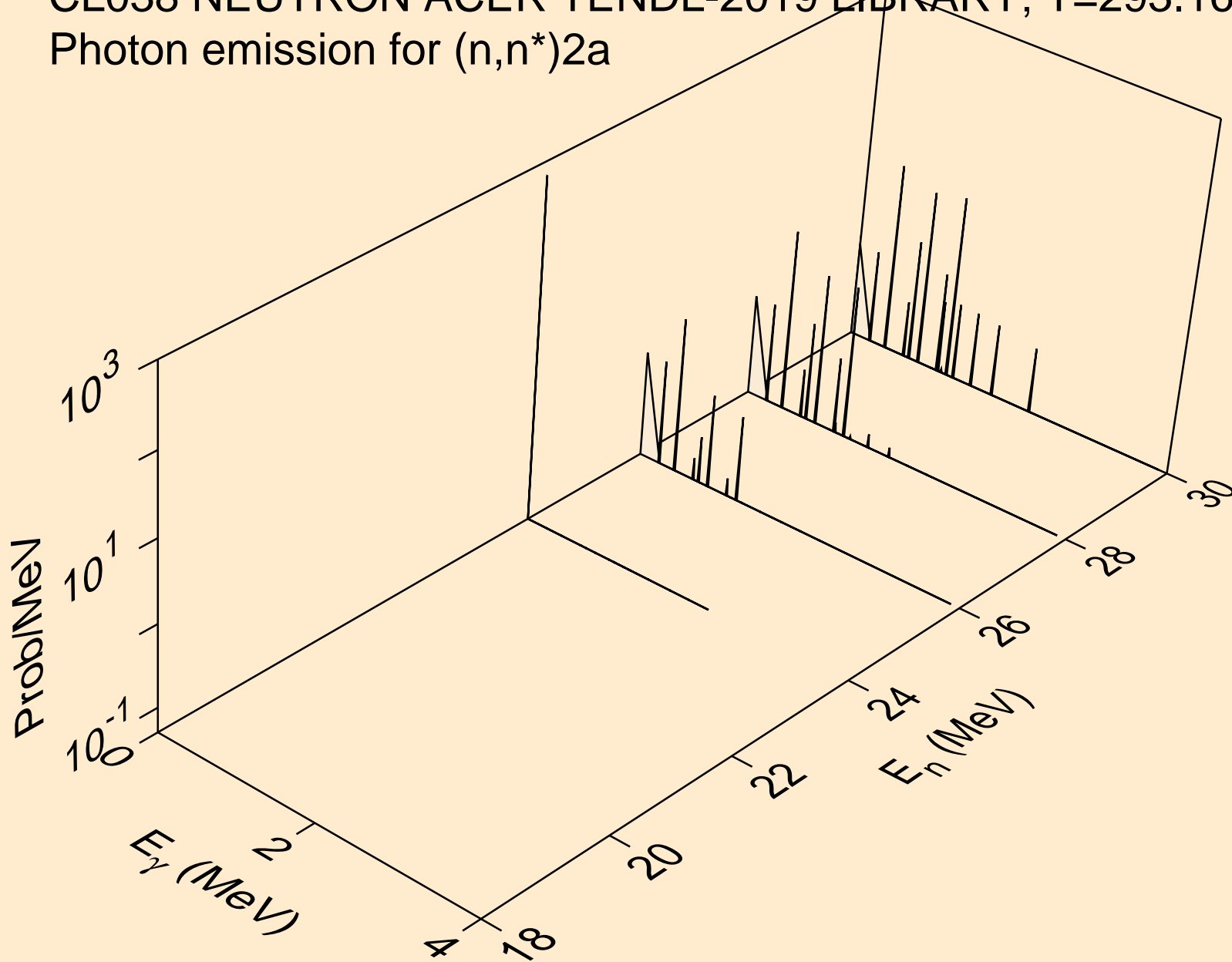
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



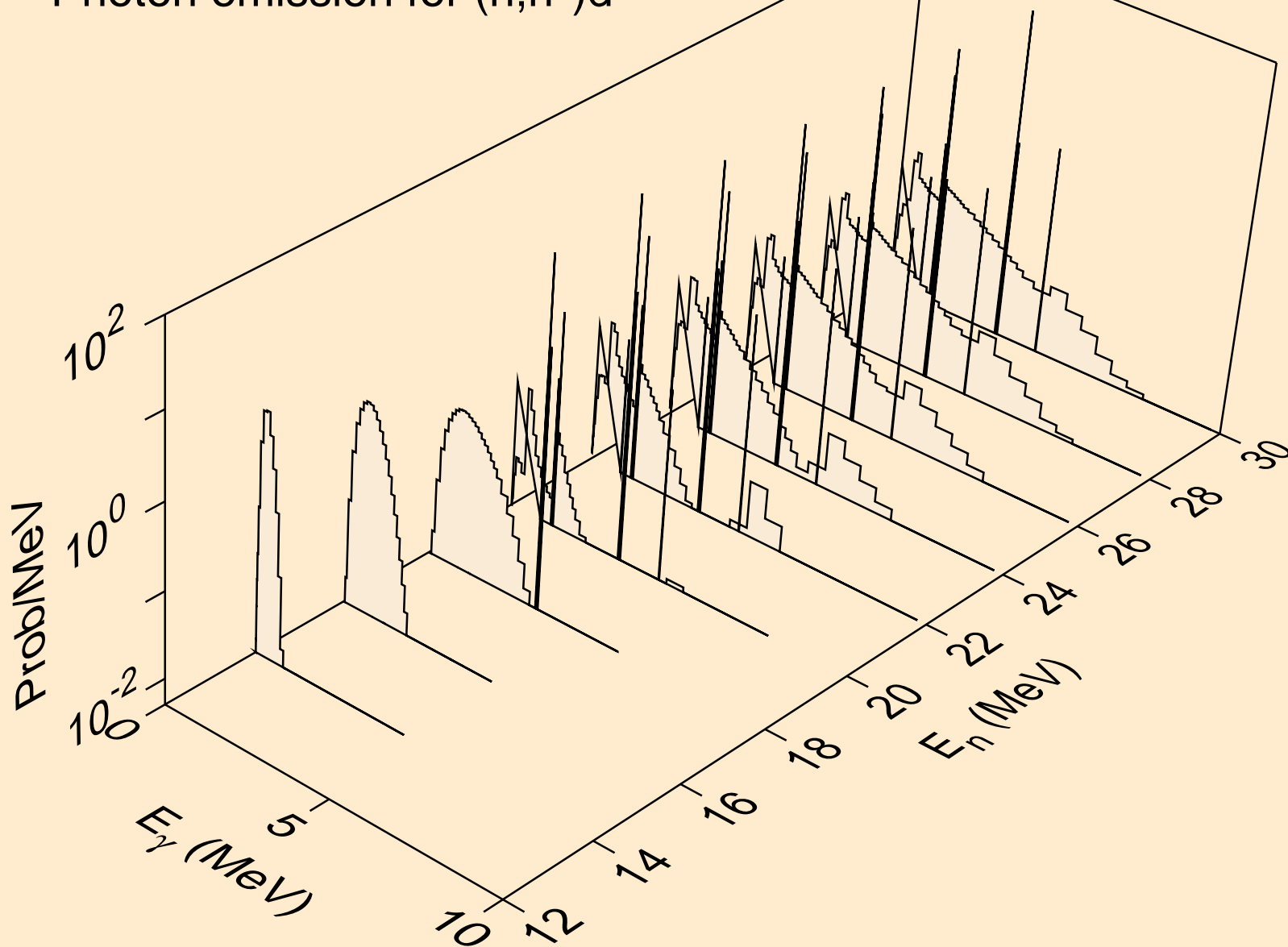
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



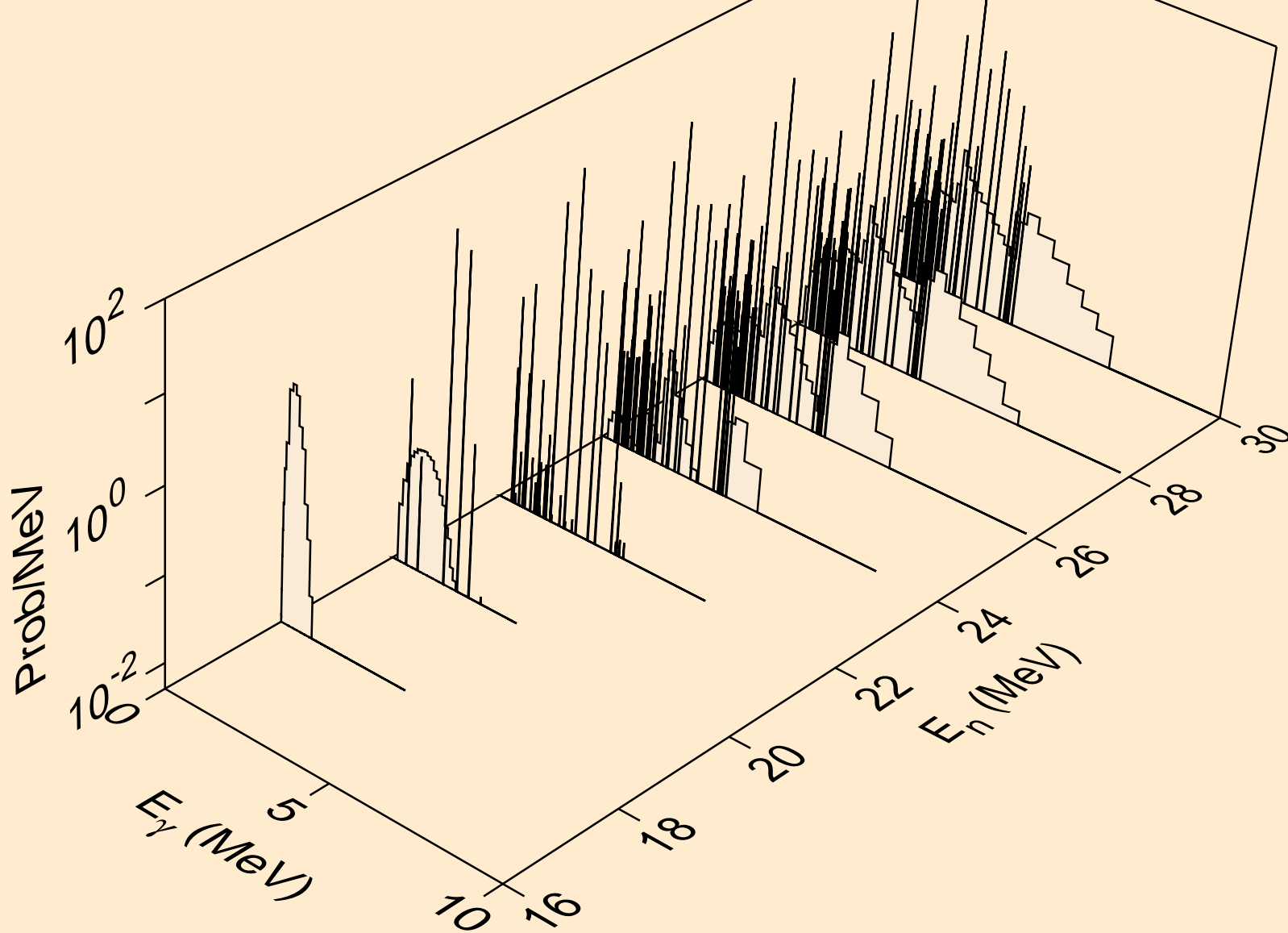
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



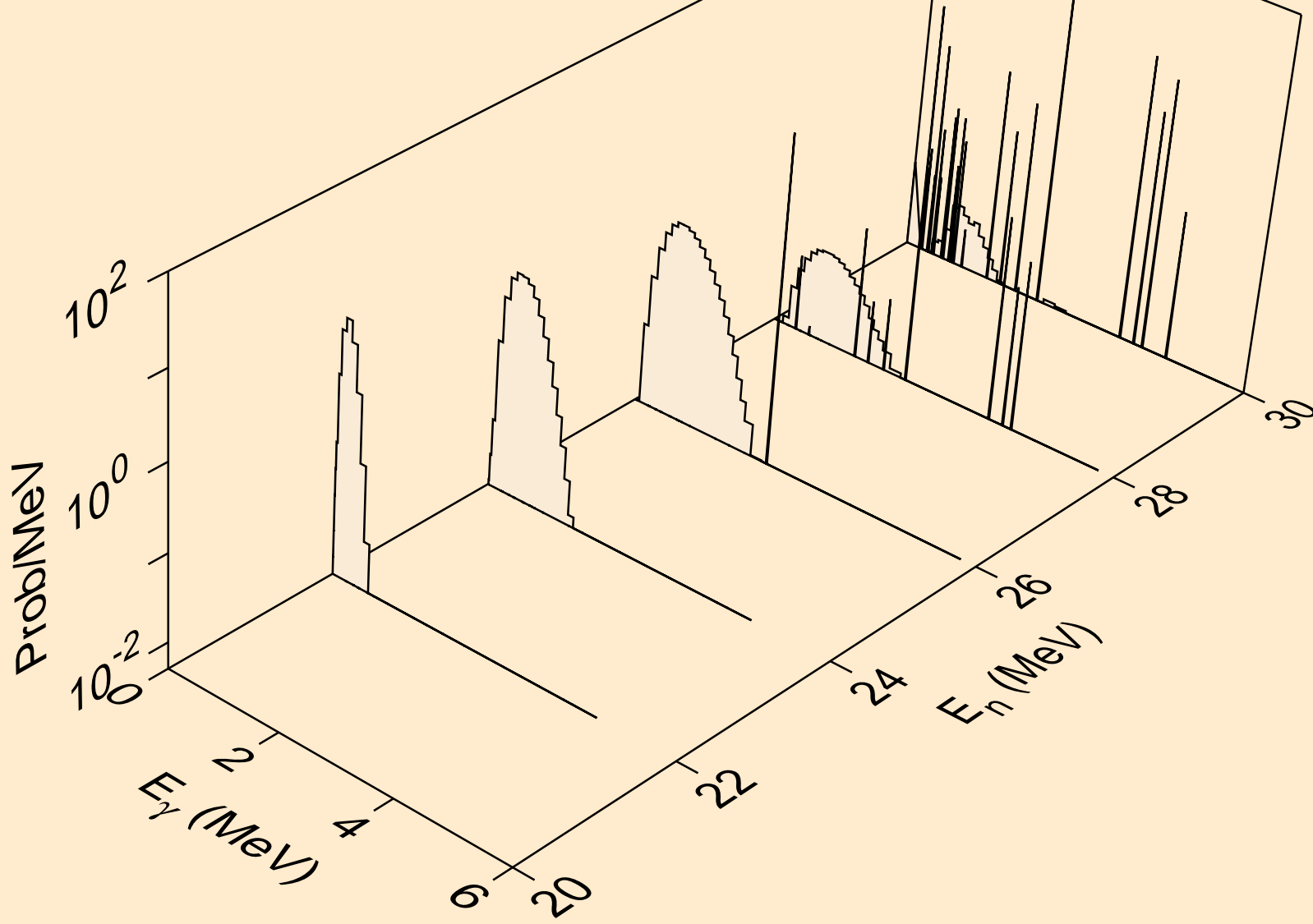
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



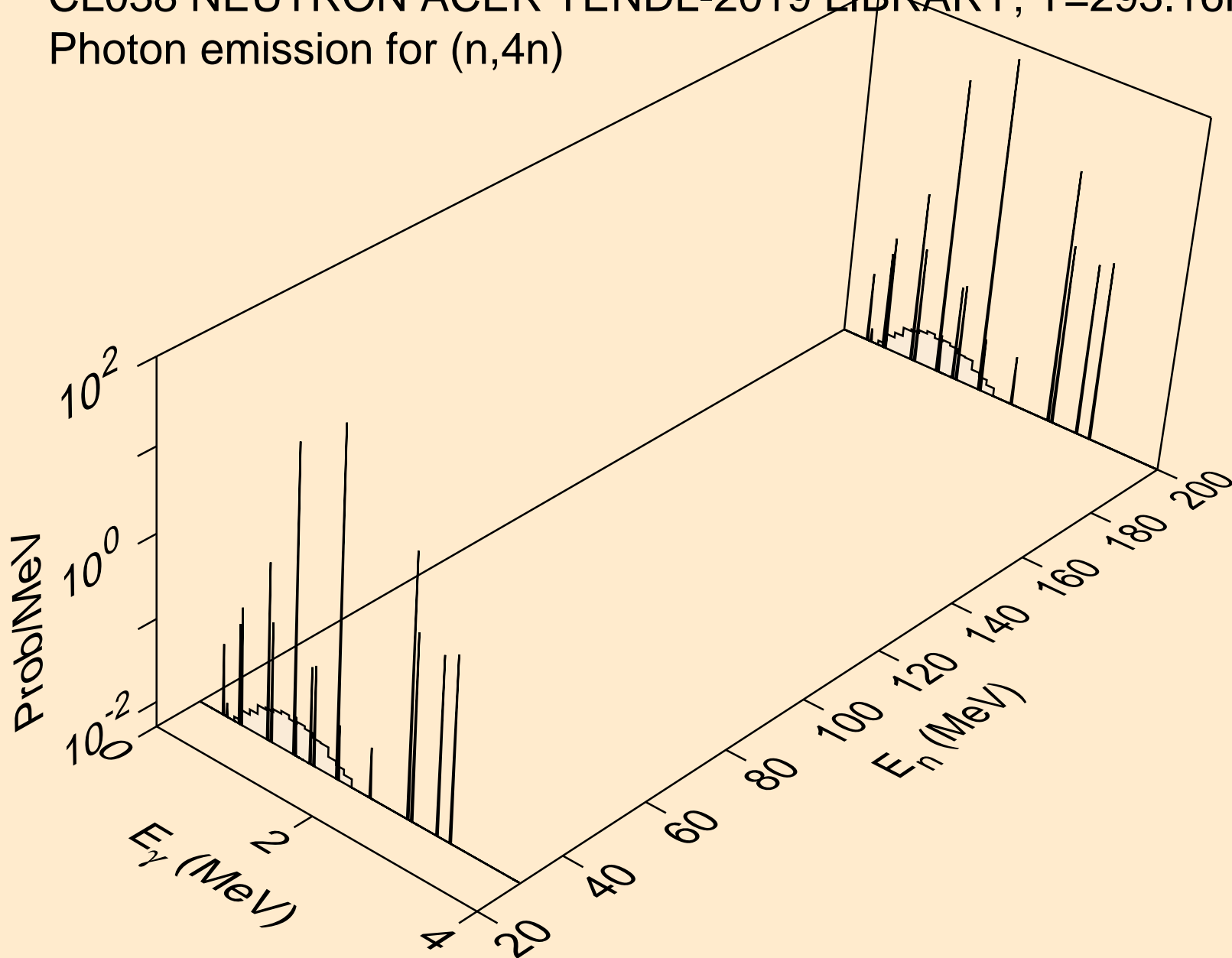
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



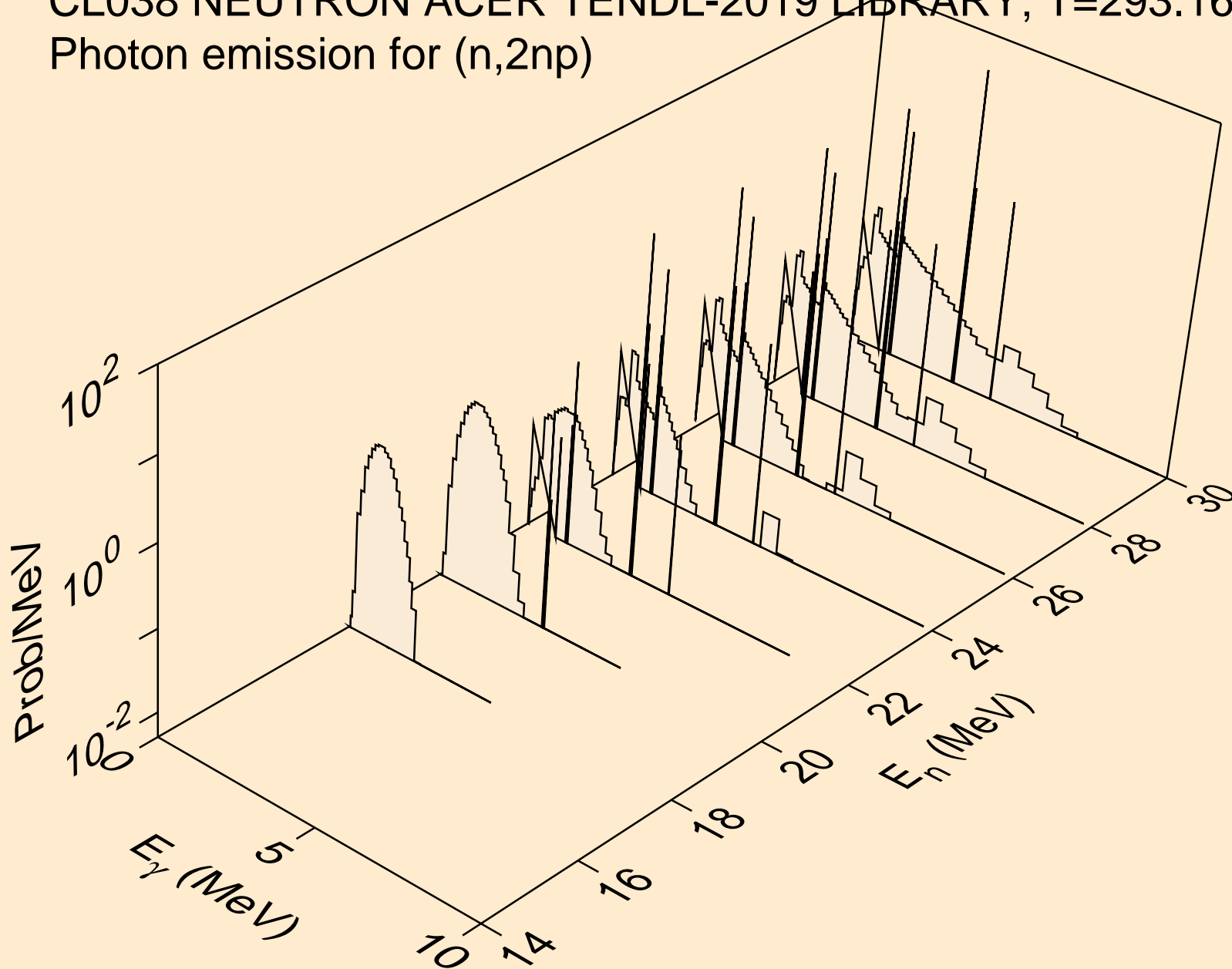
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



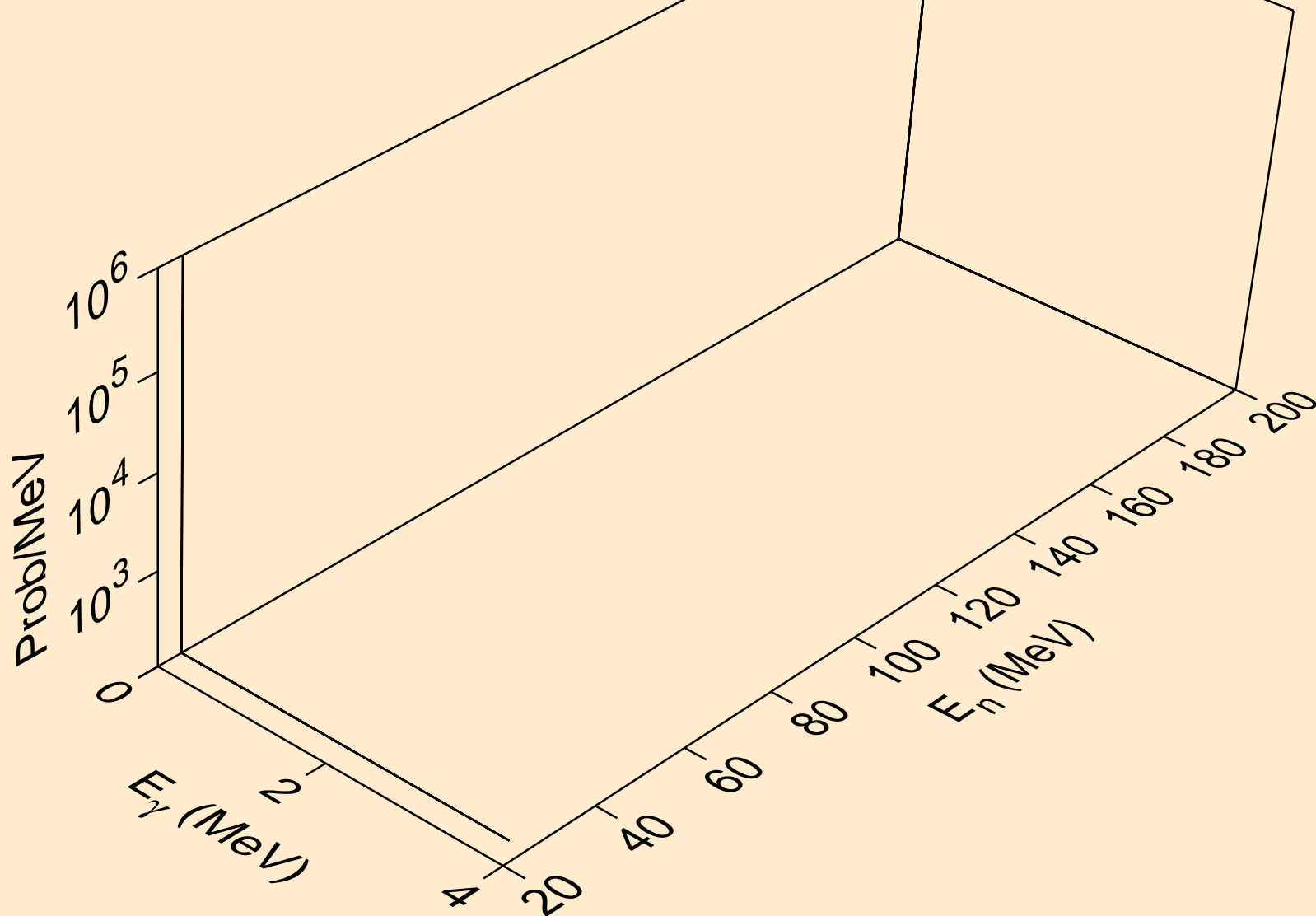
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



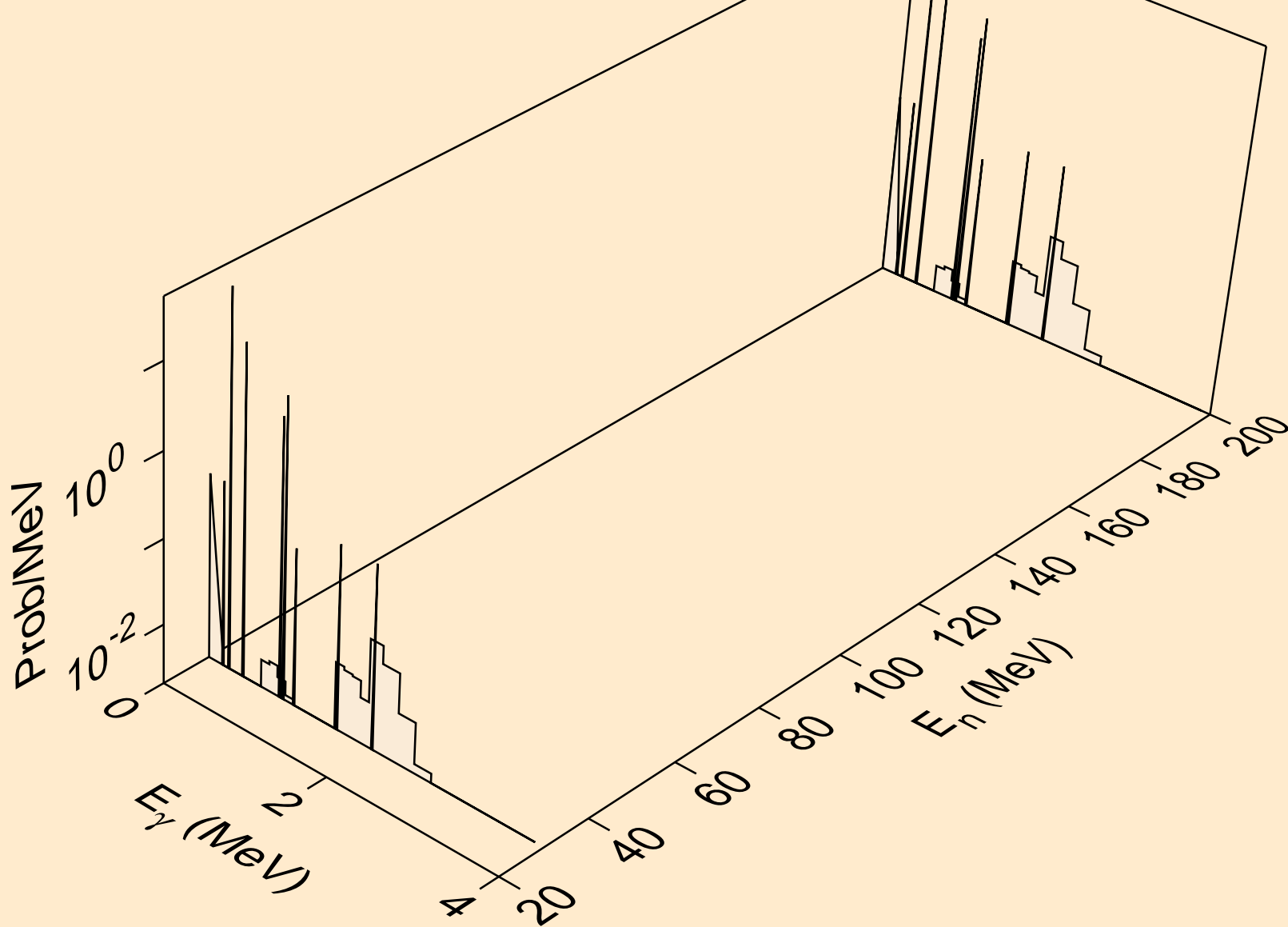
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



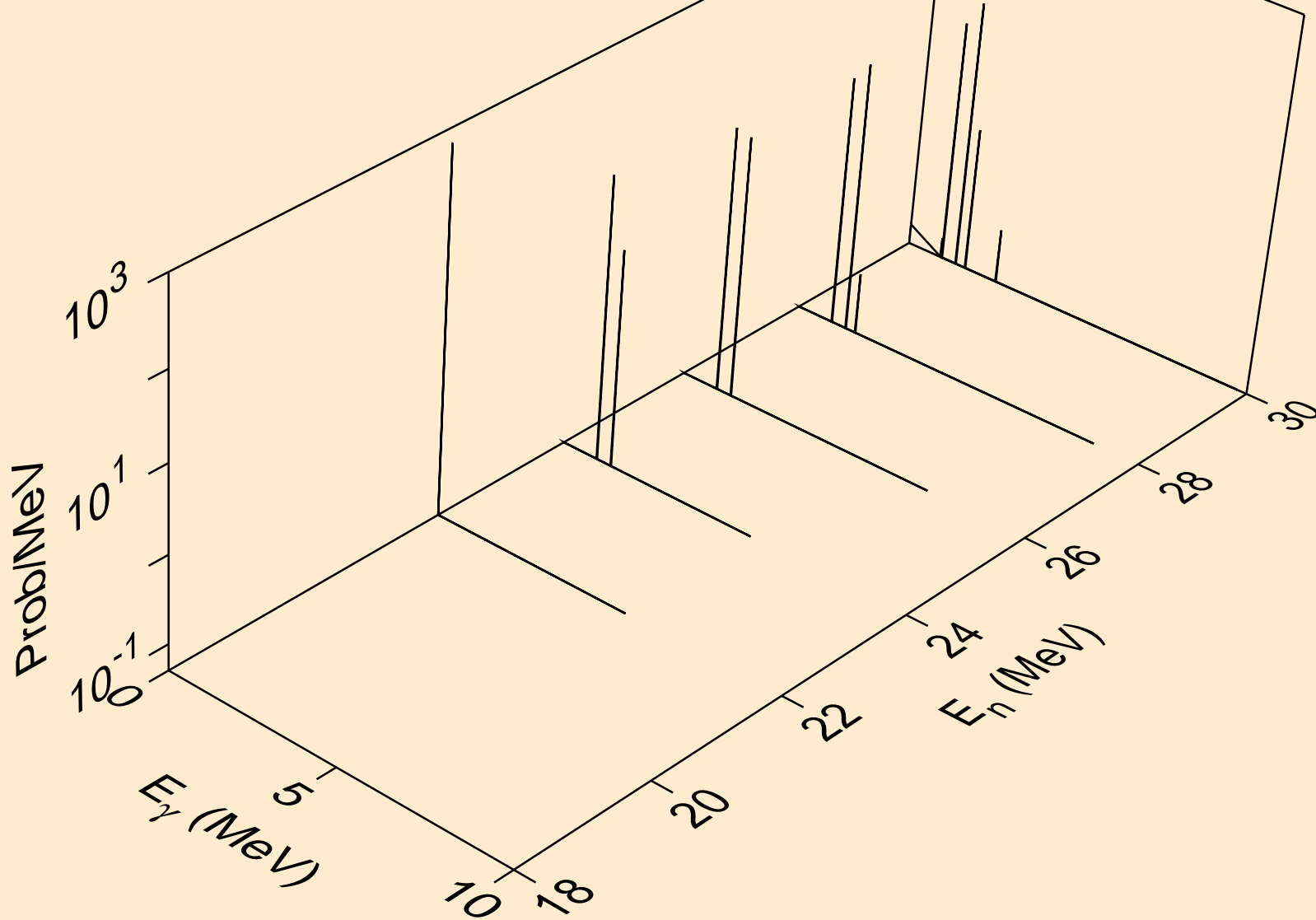
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



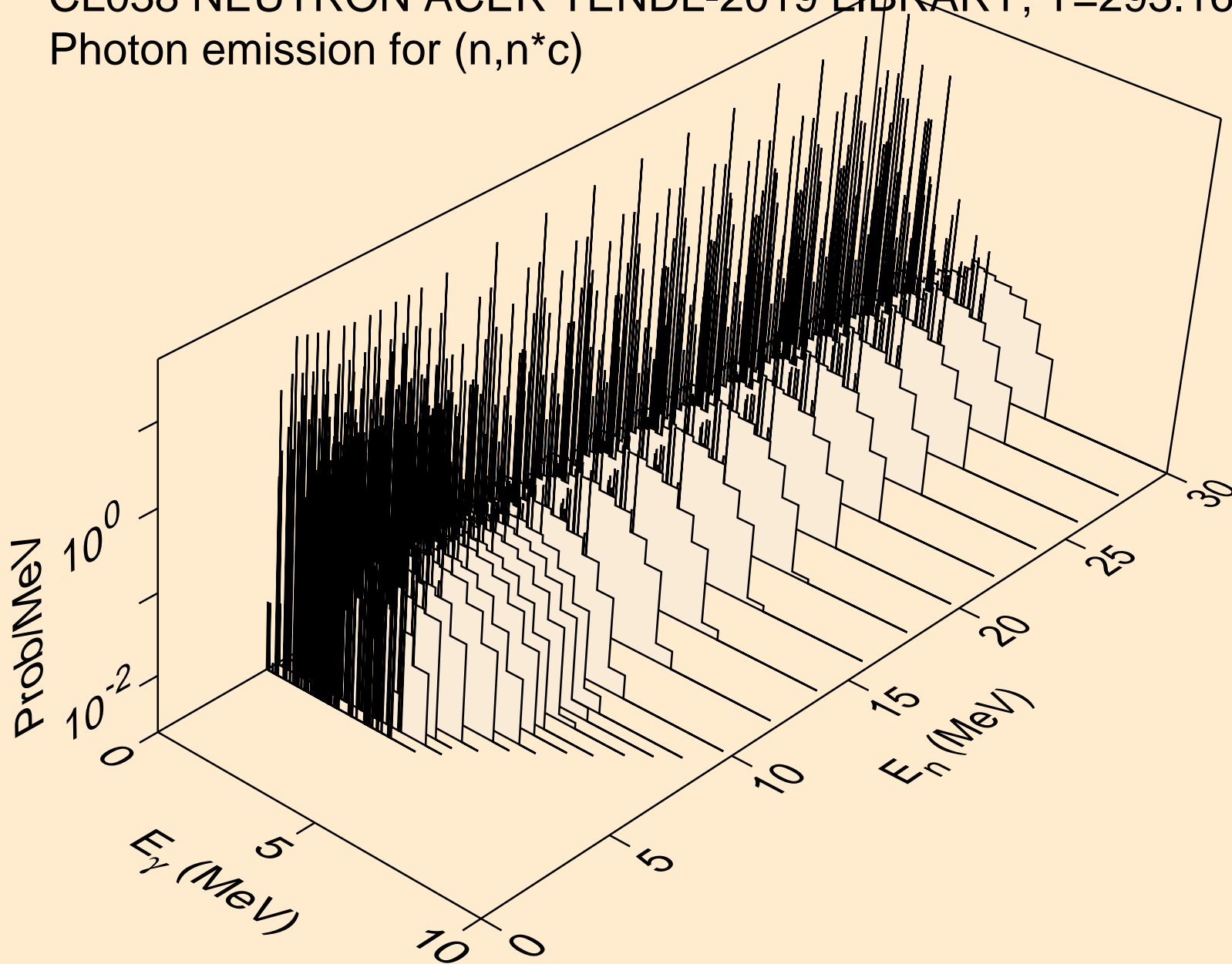
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



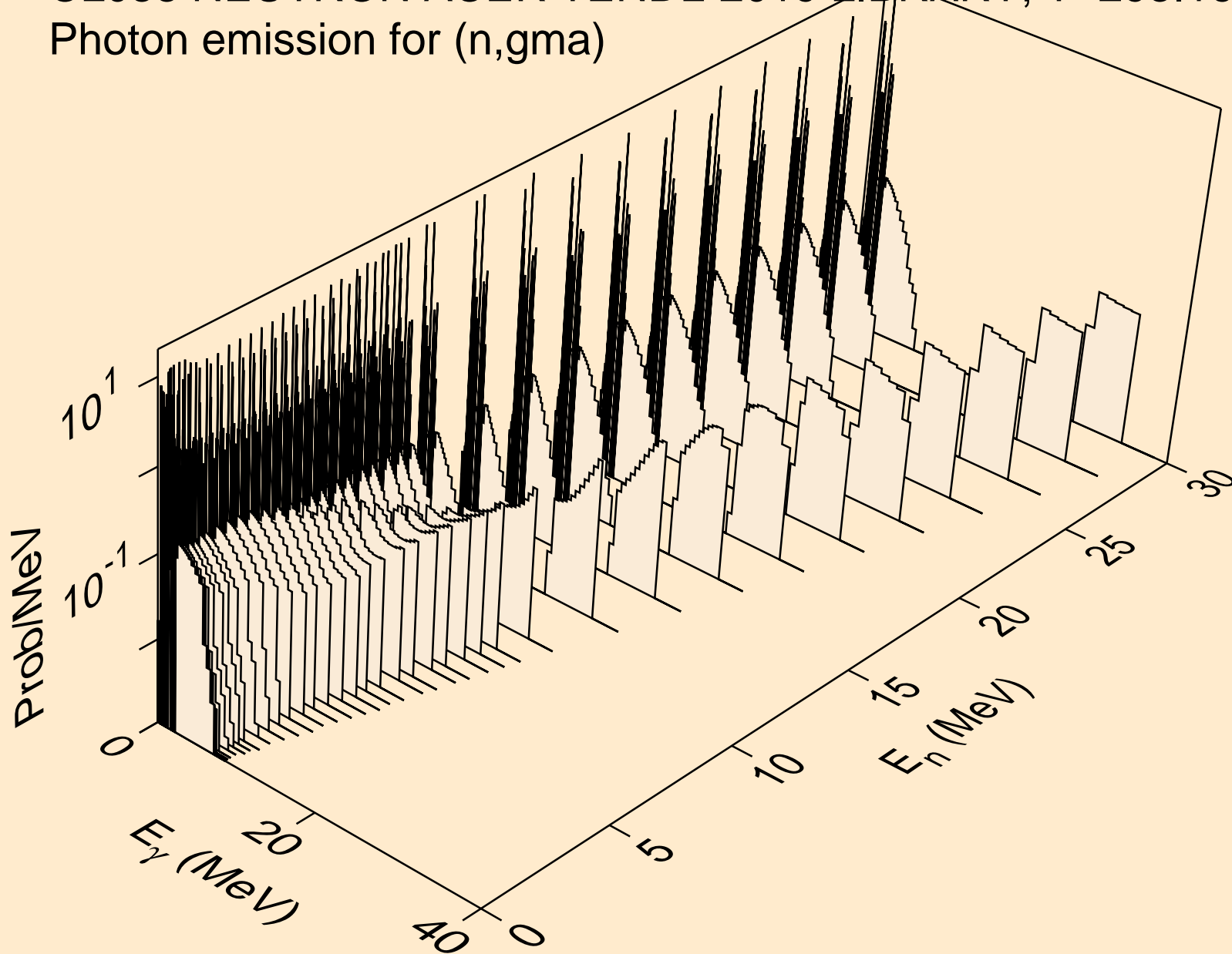
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



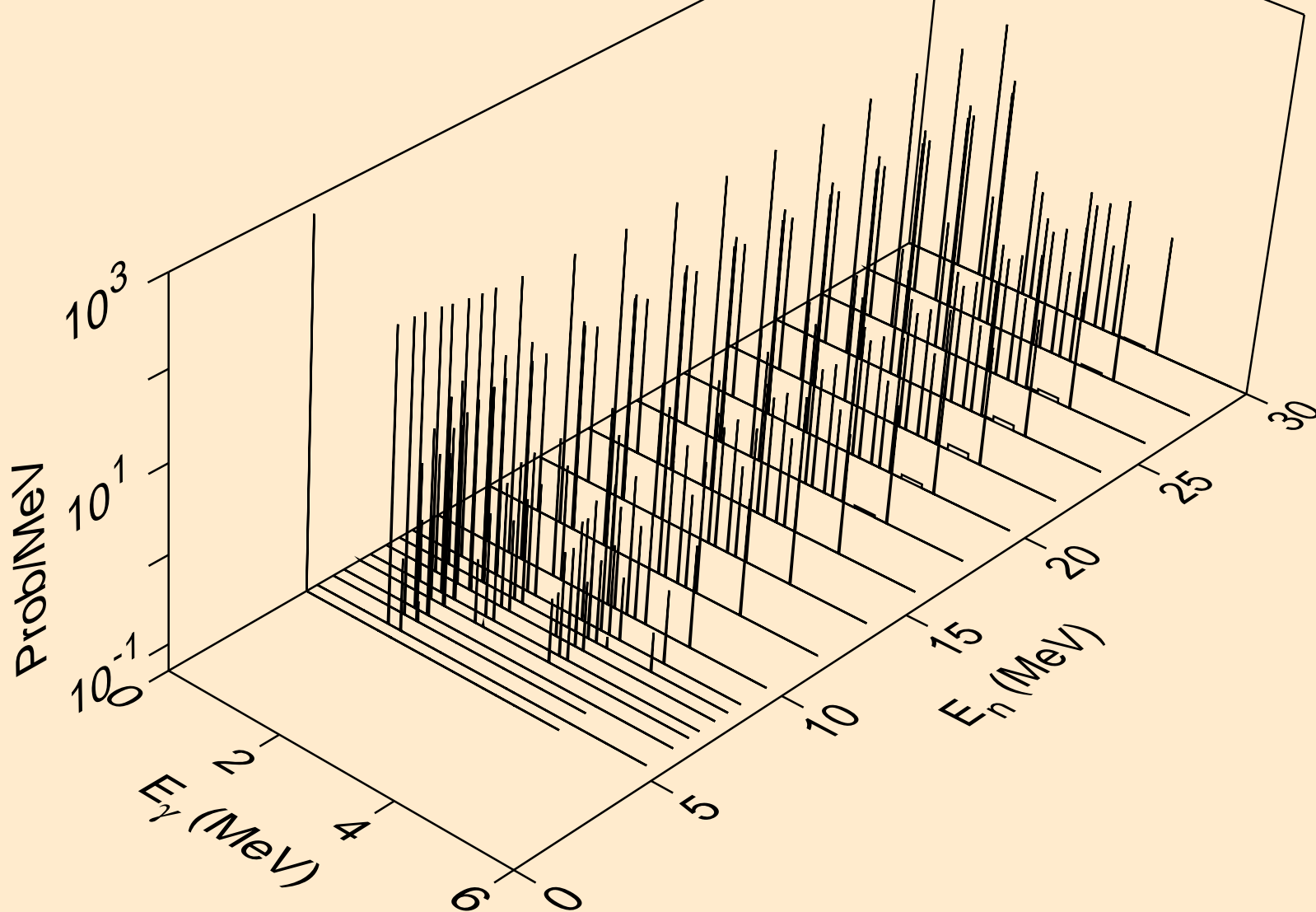
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



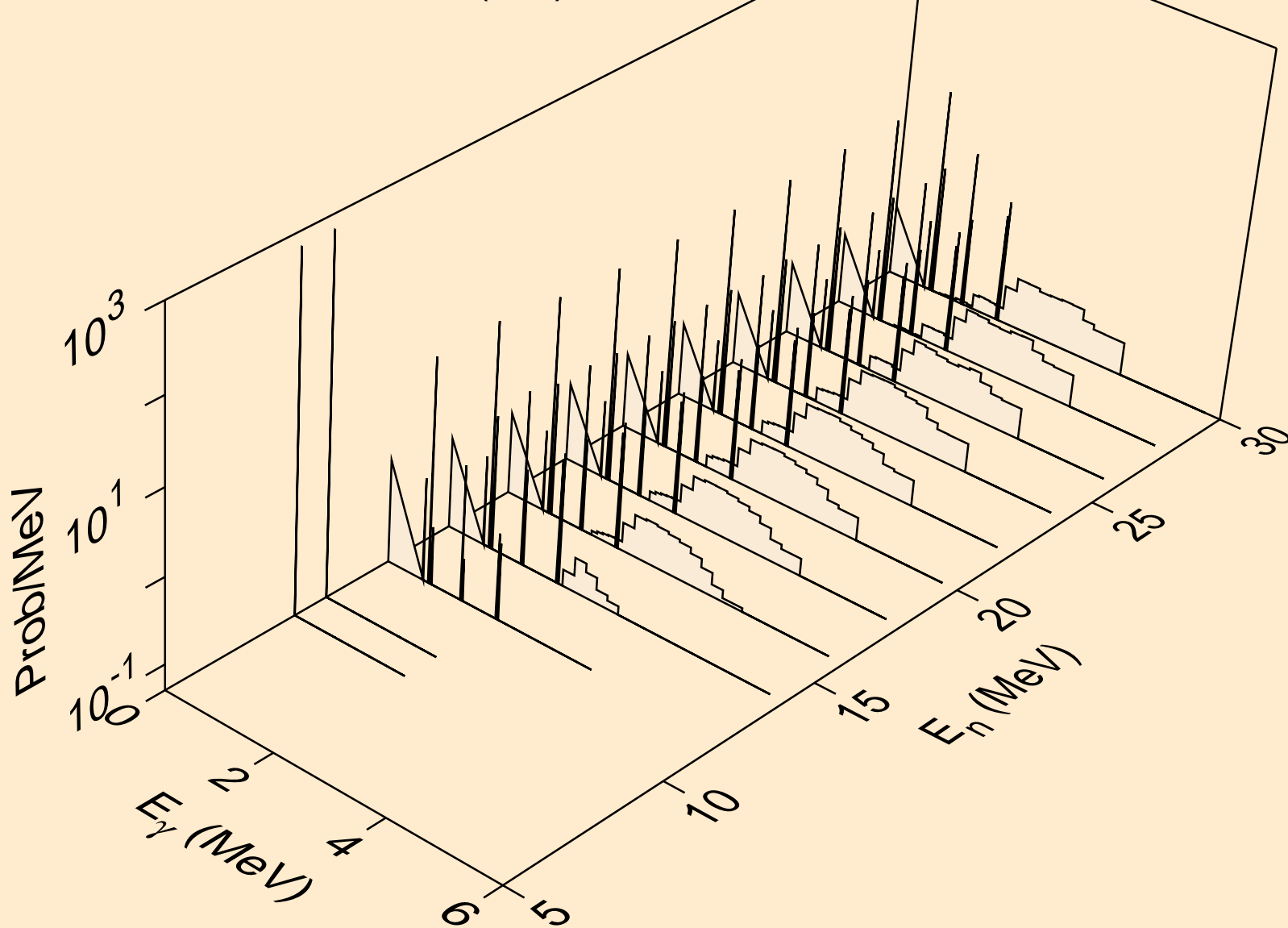
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



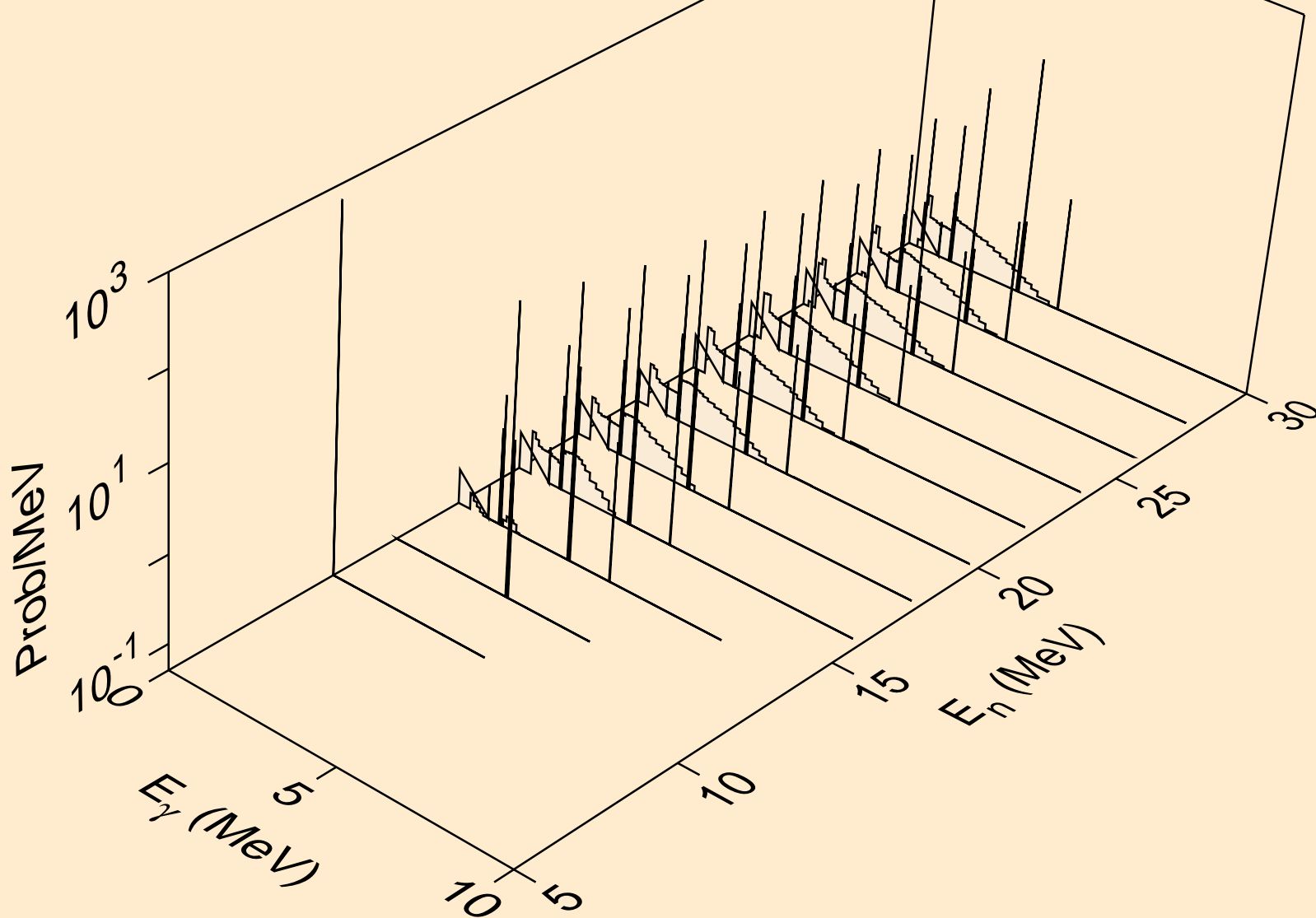
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



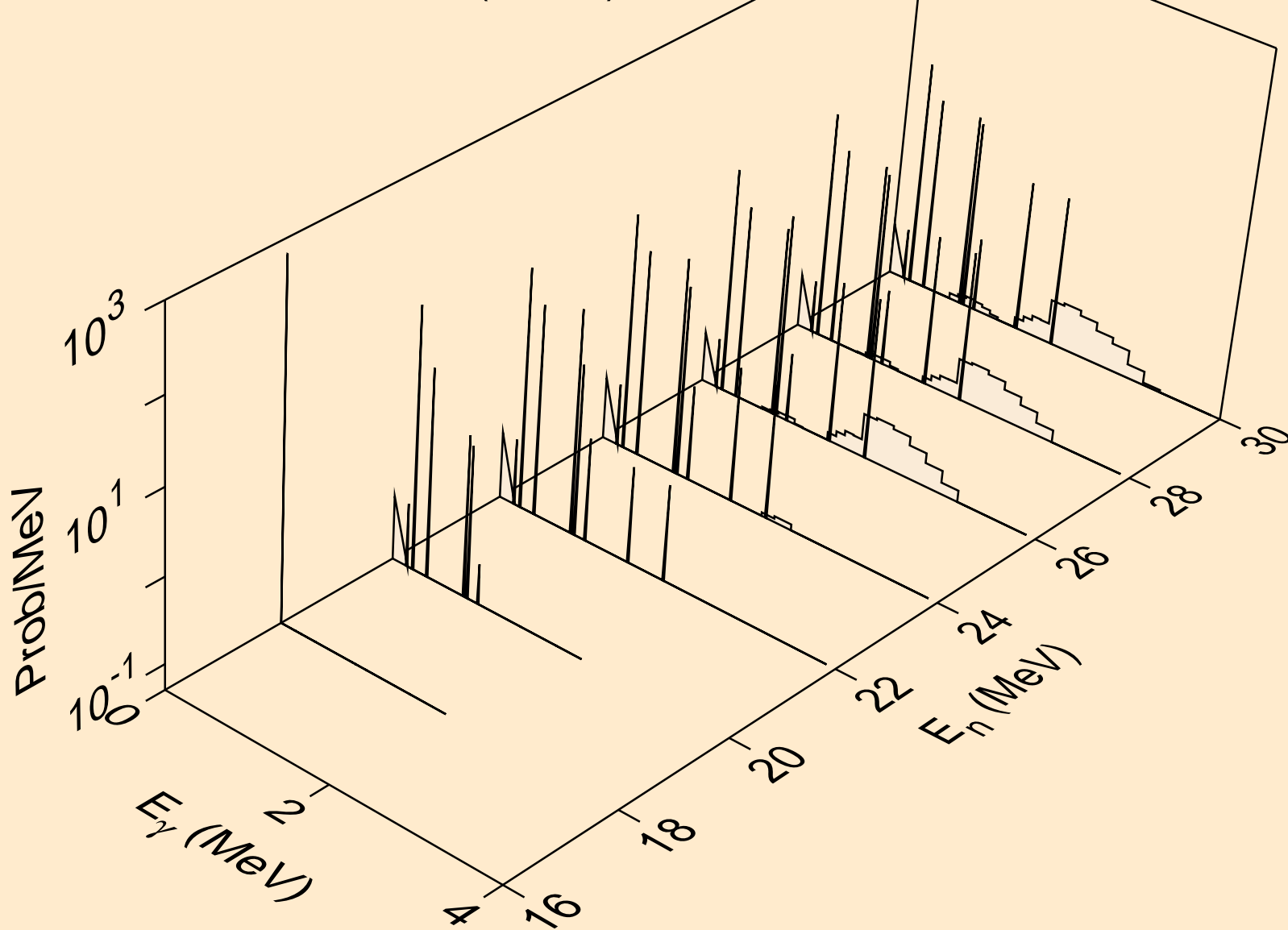
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



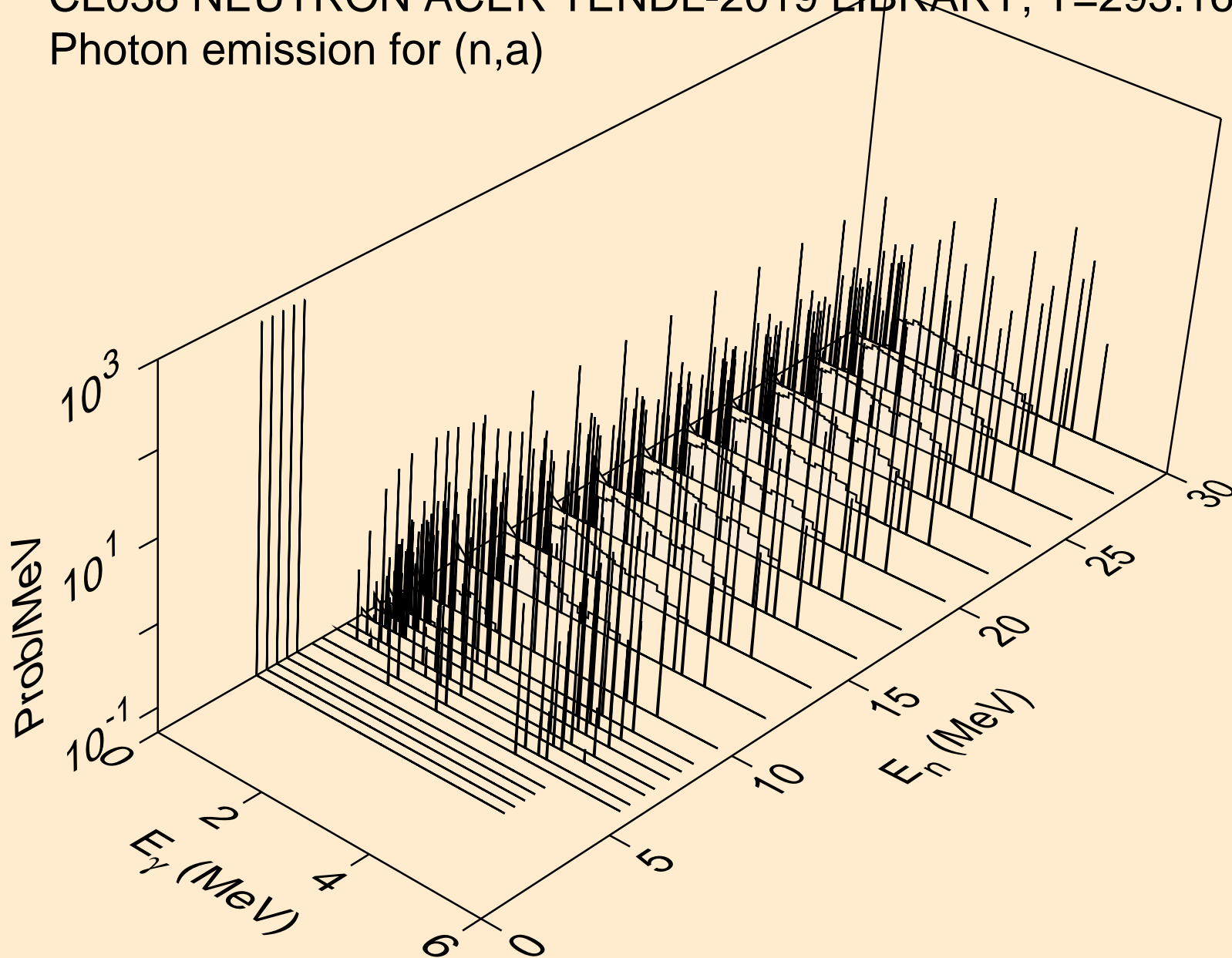
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



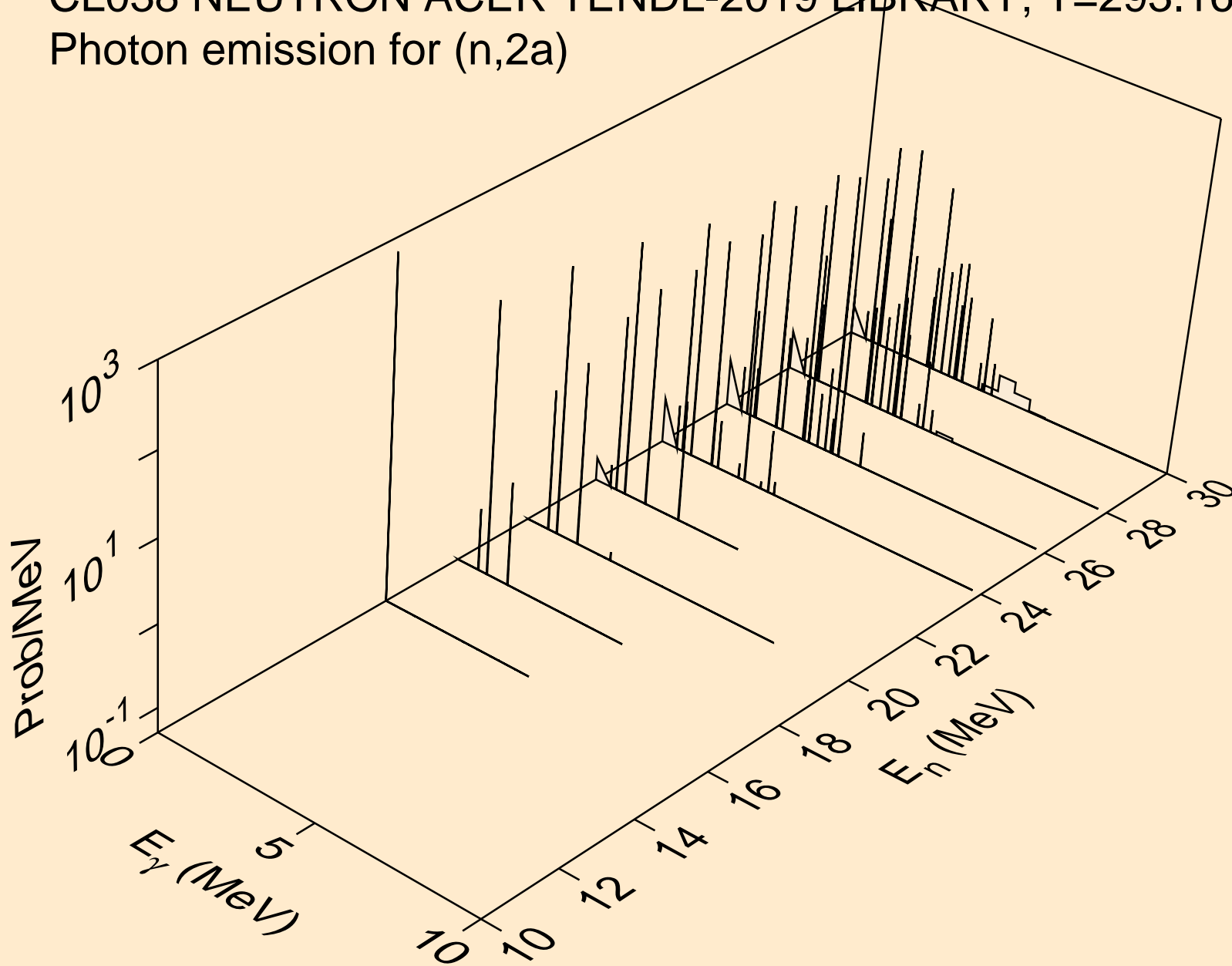
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



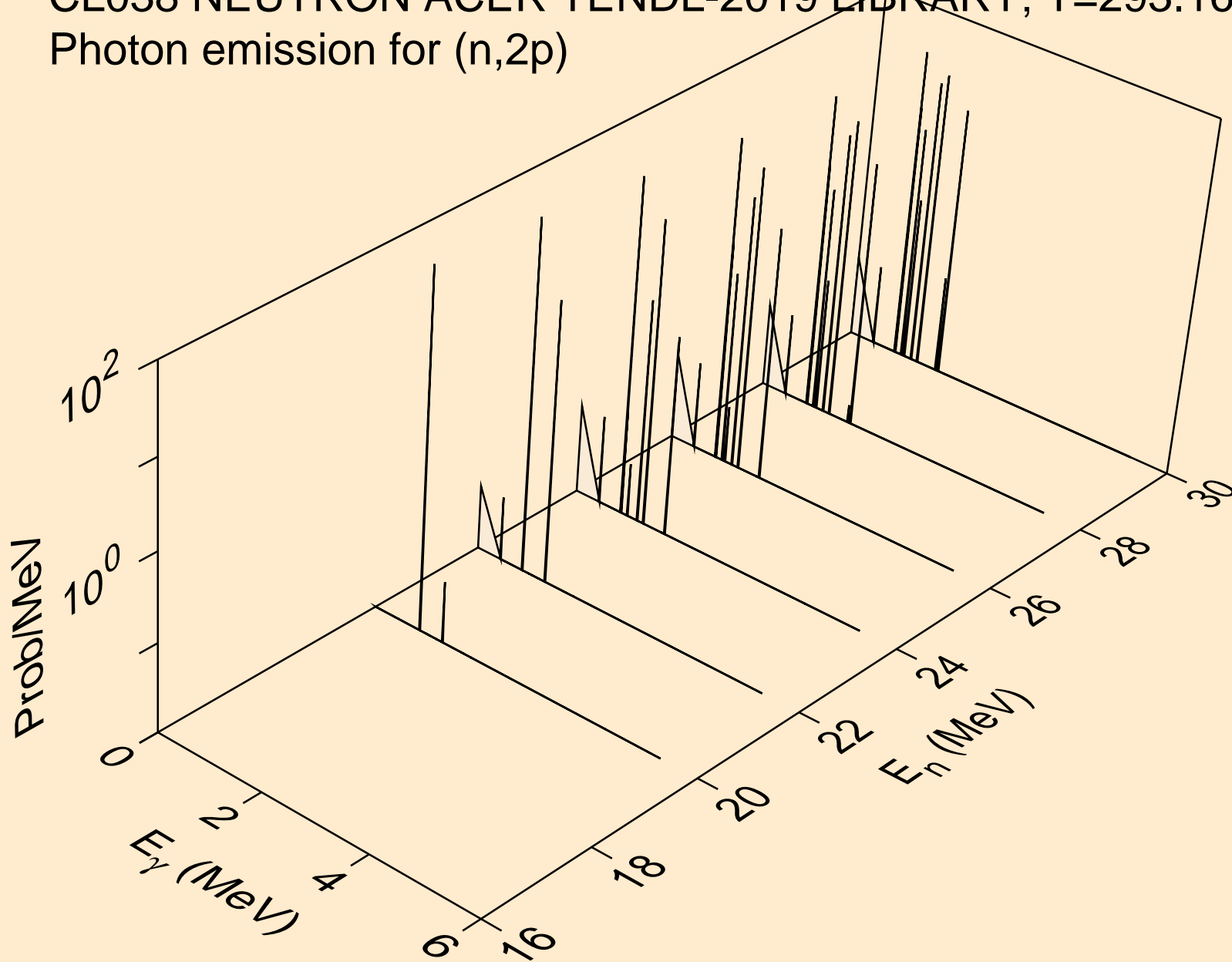
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



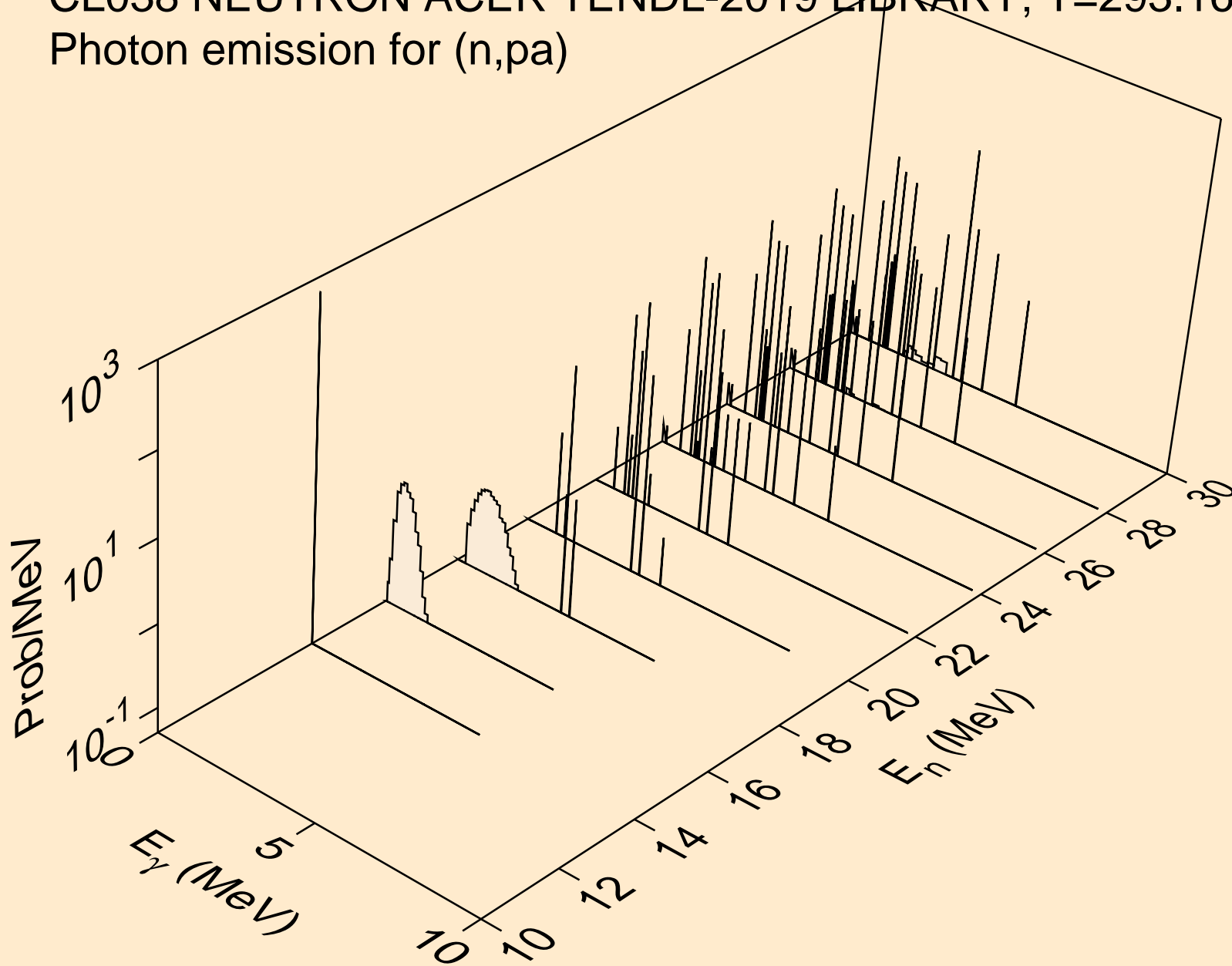
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



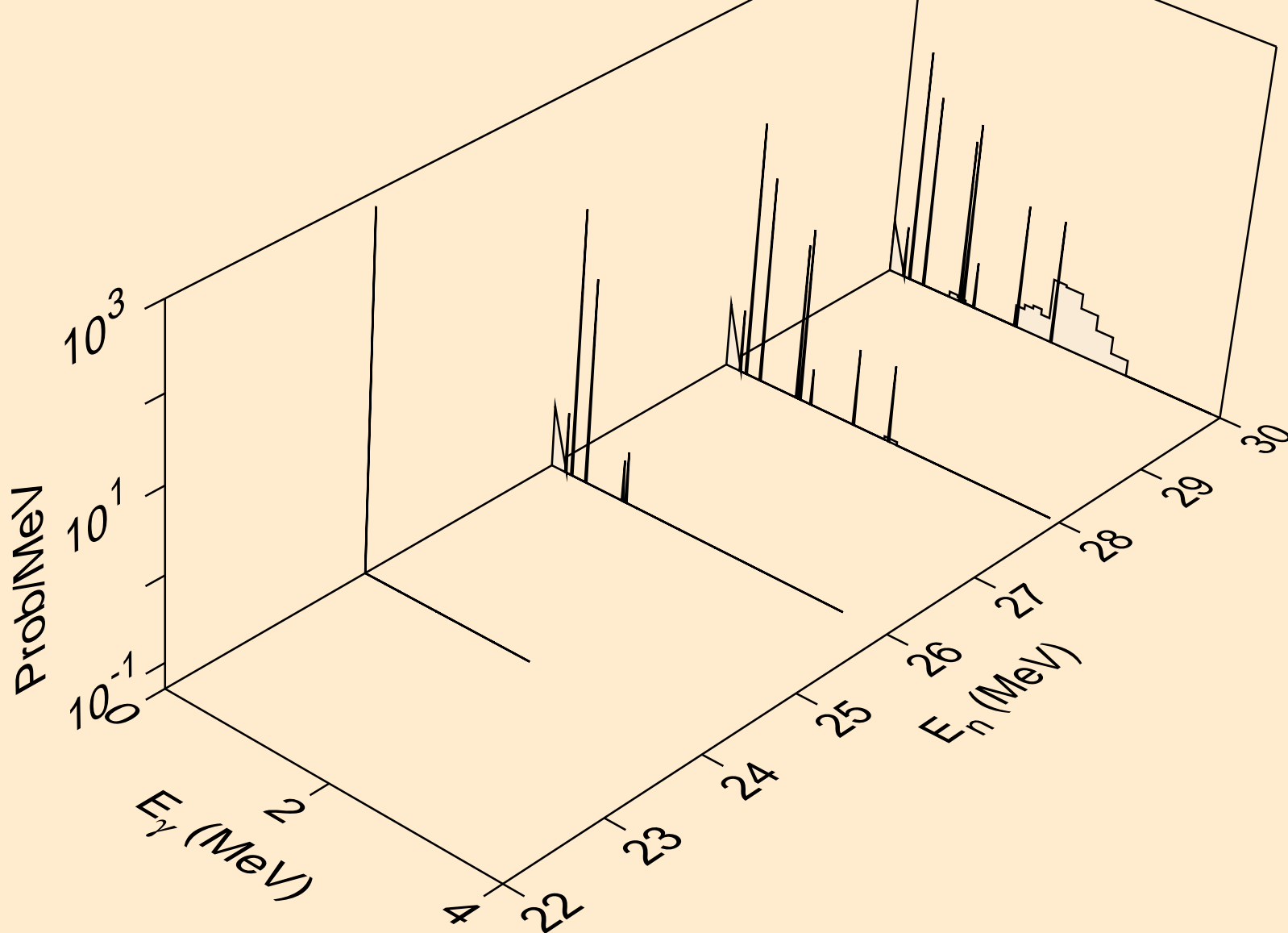
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



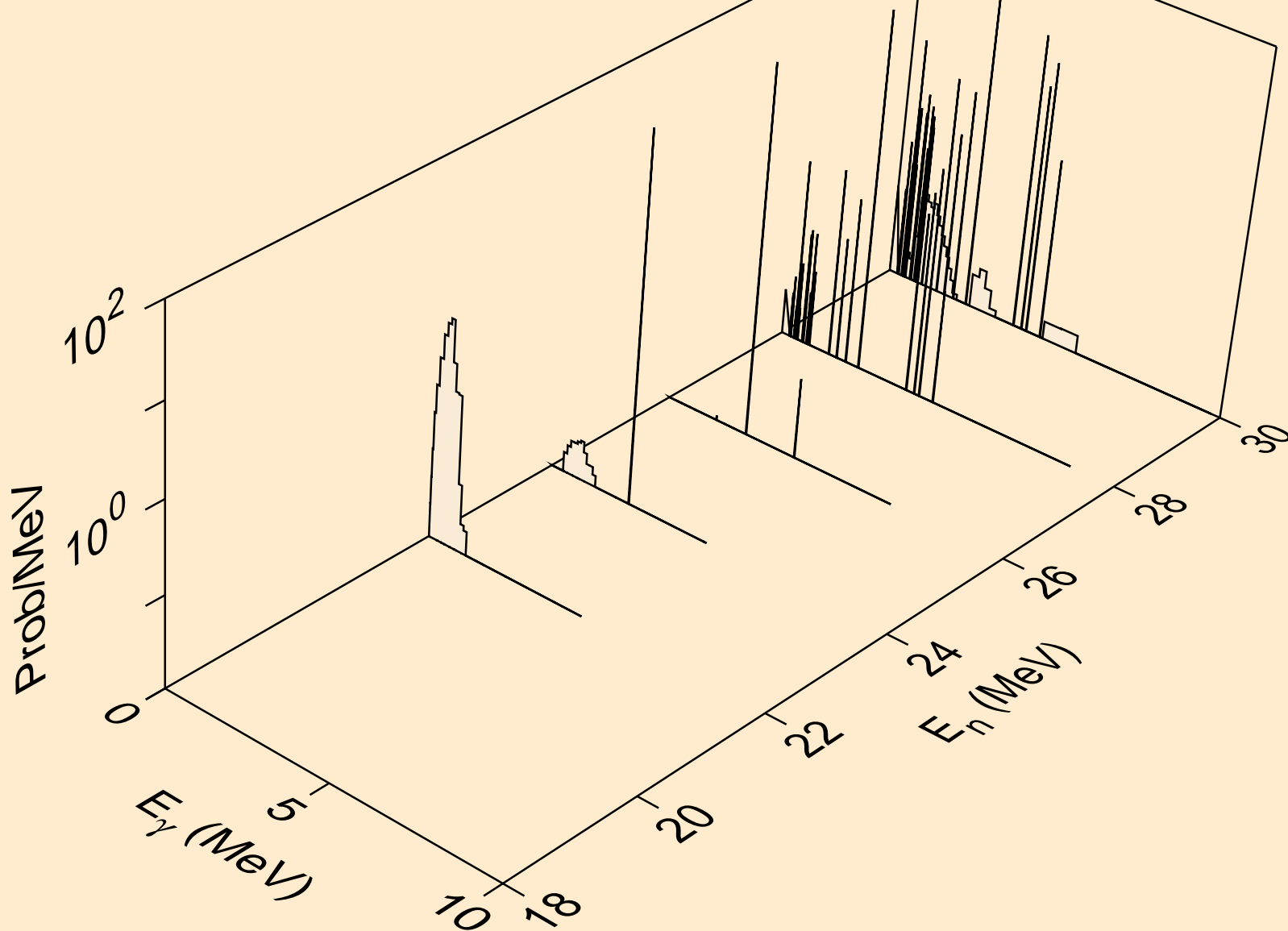
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



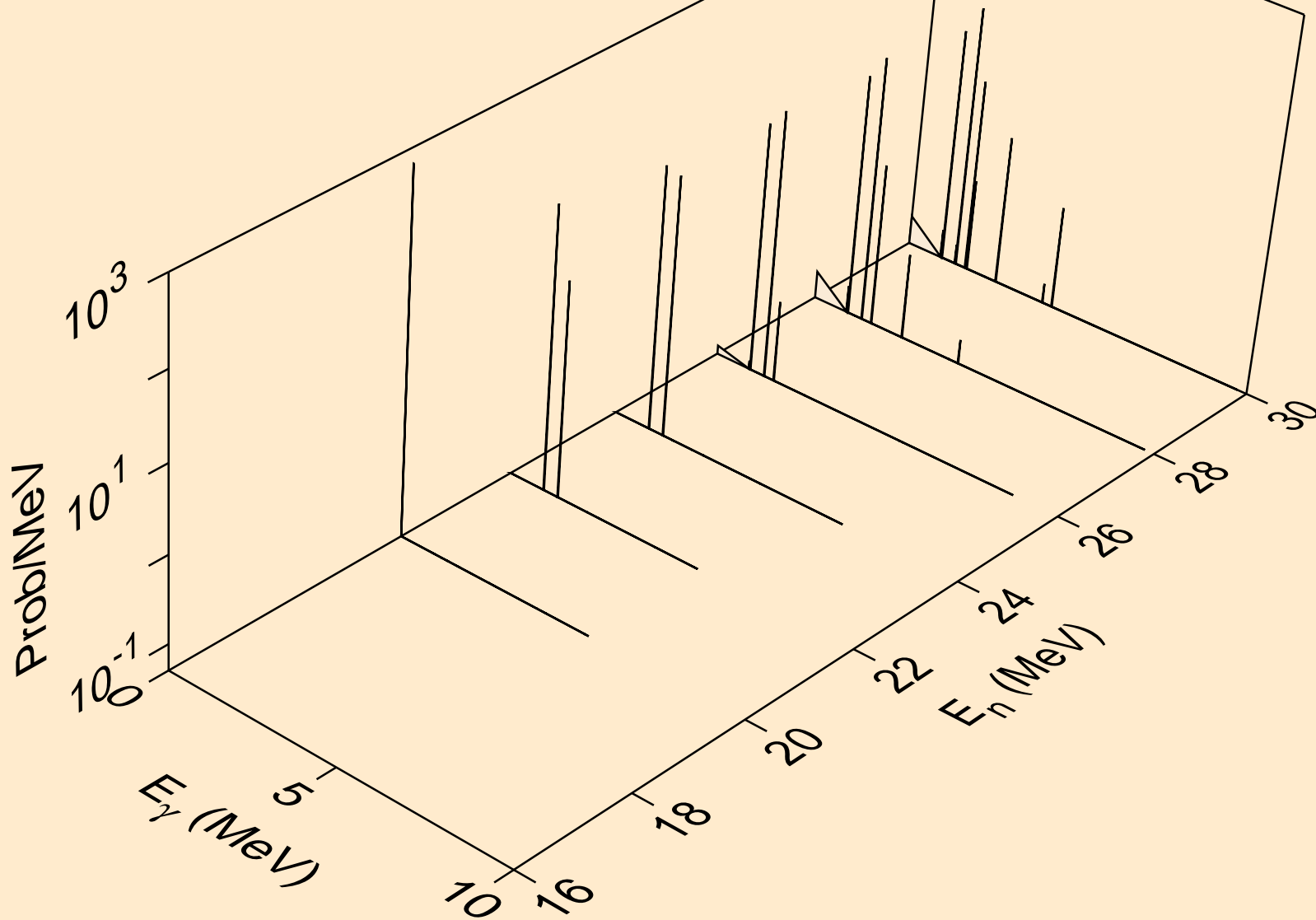
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



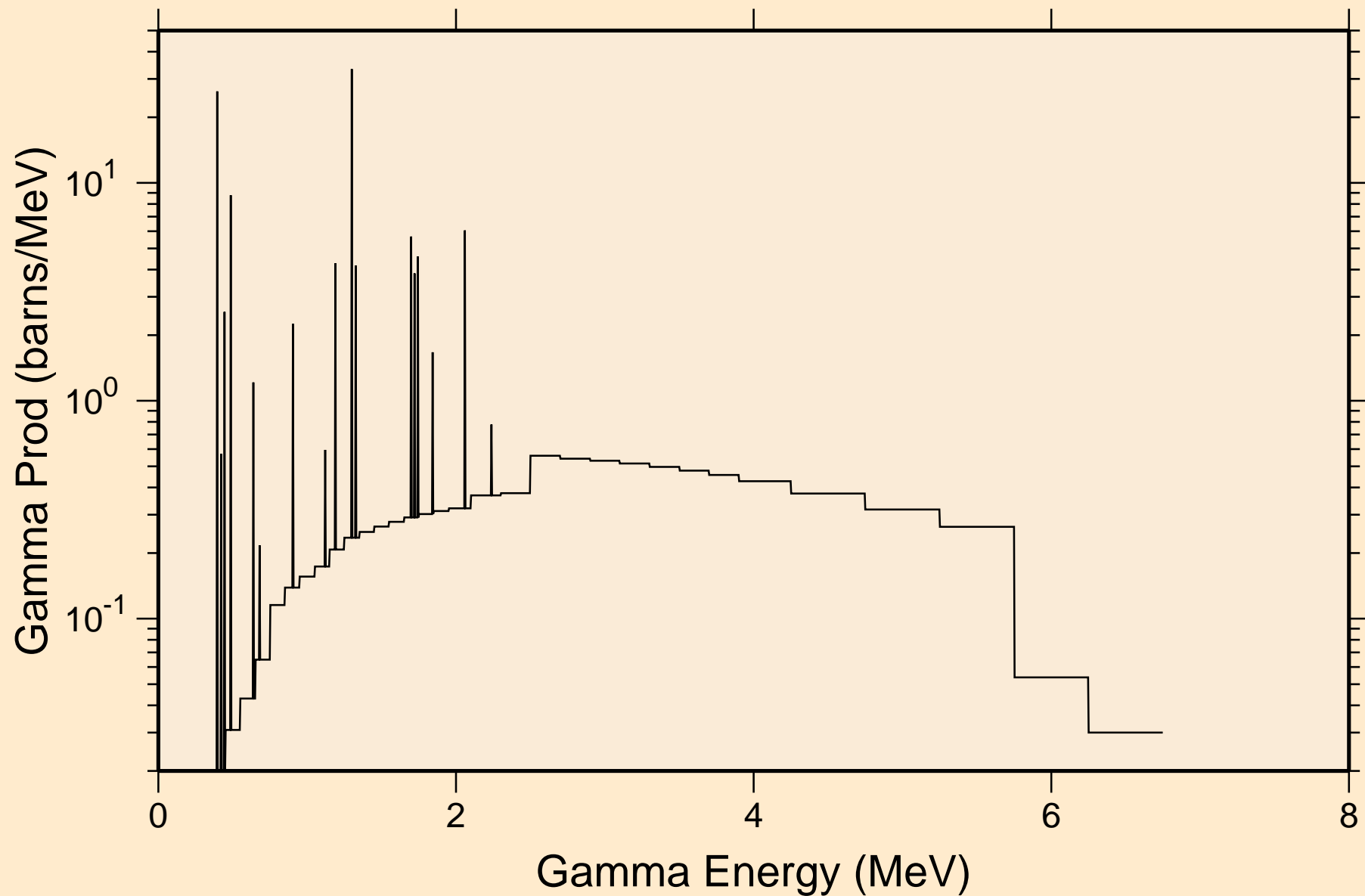
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



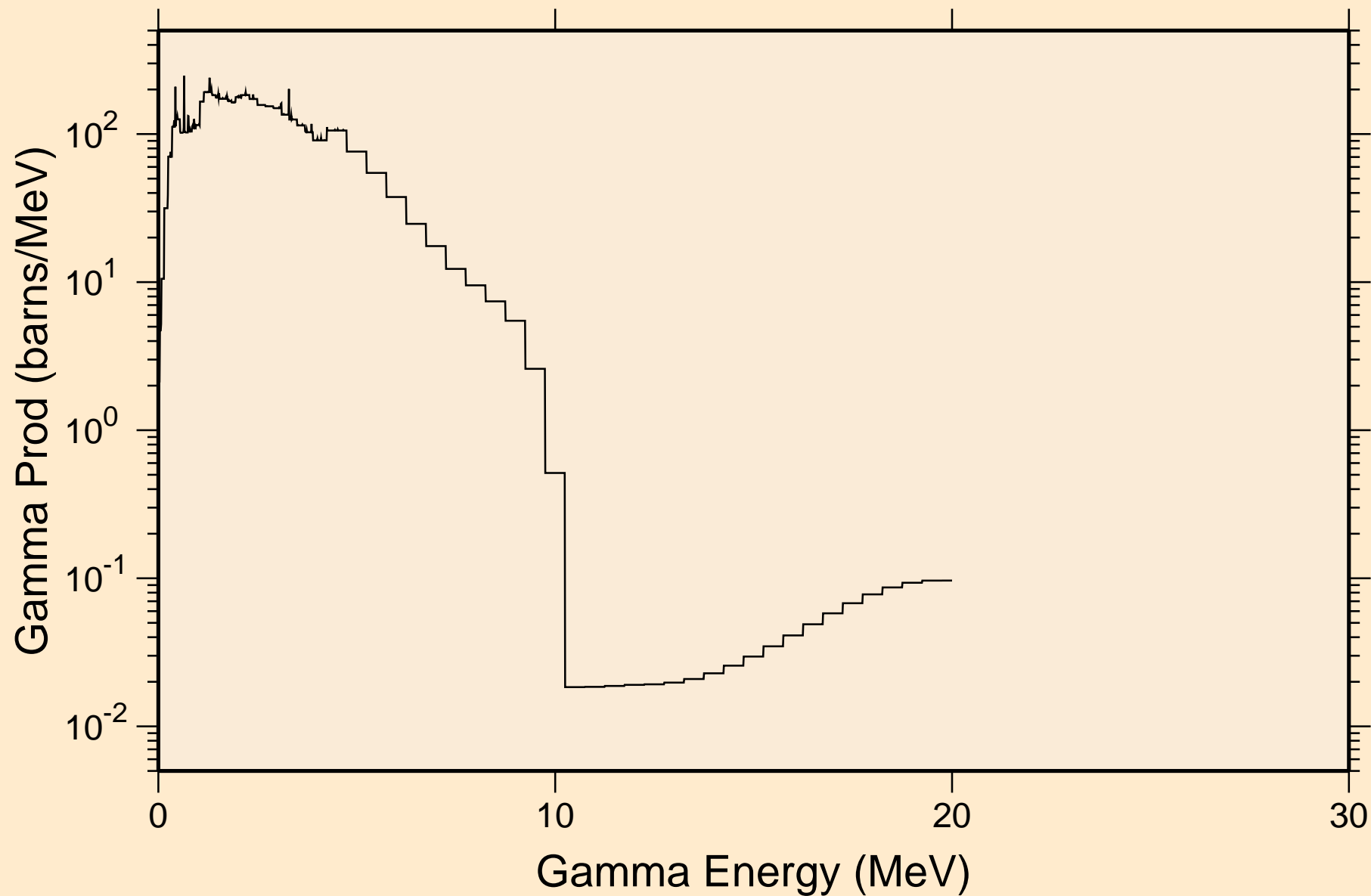
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

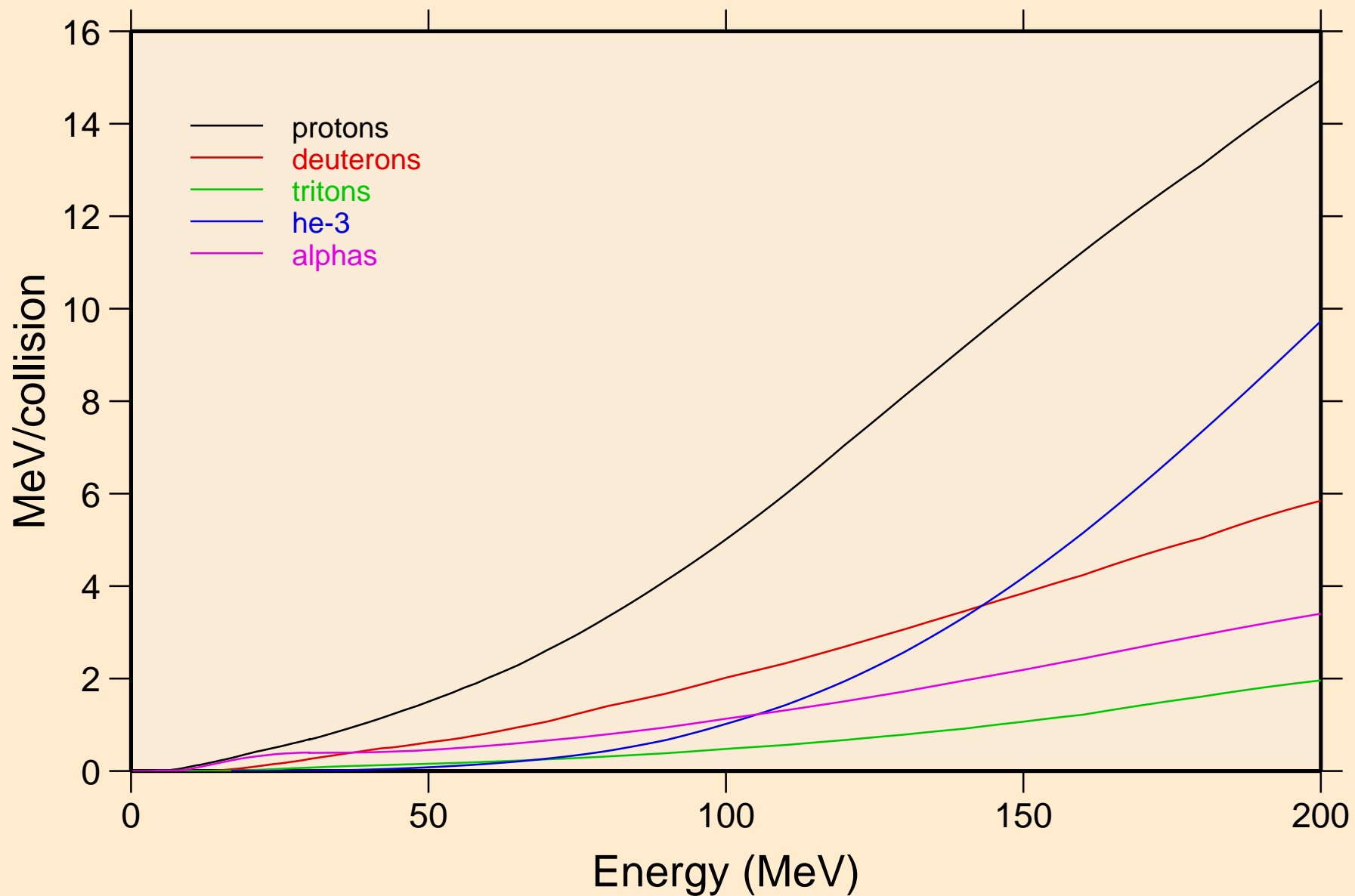


CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

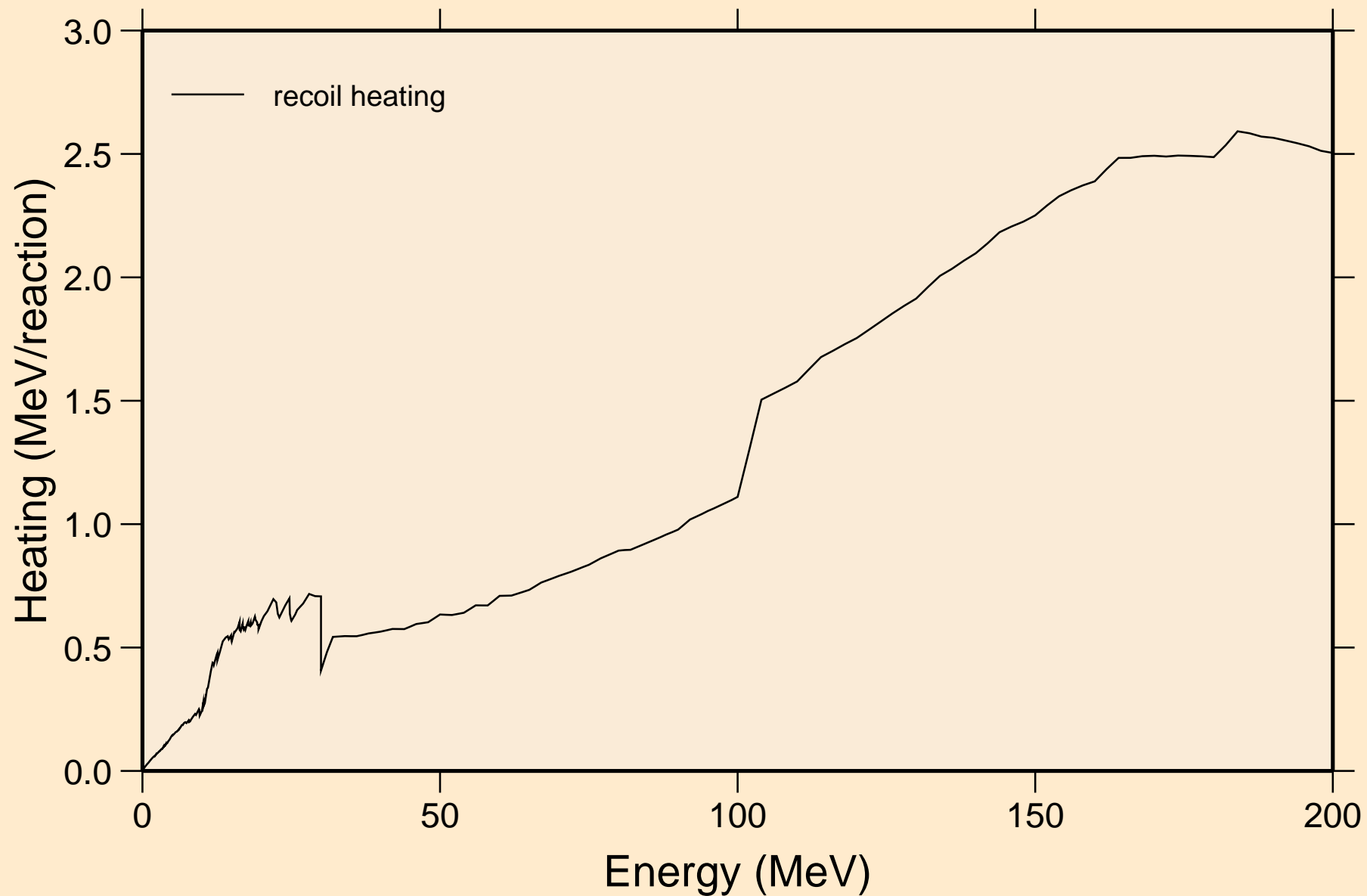


CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

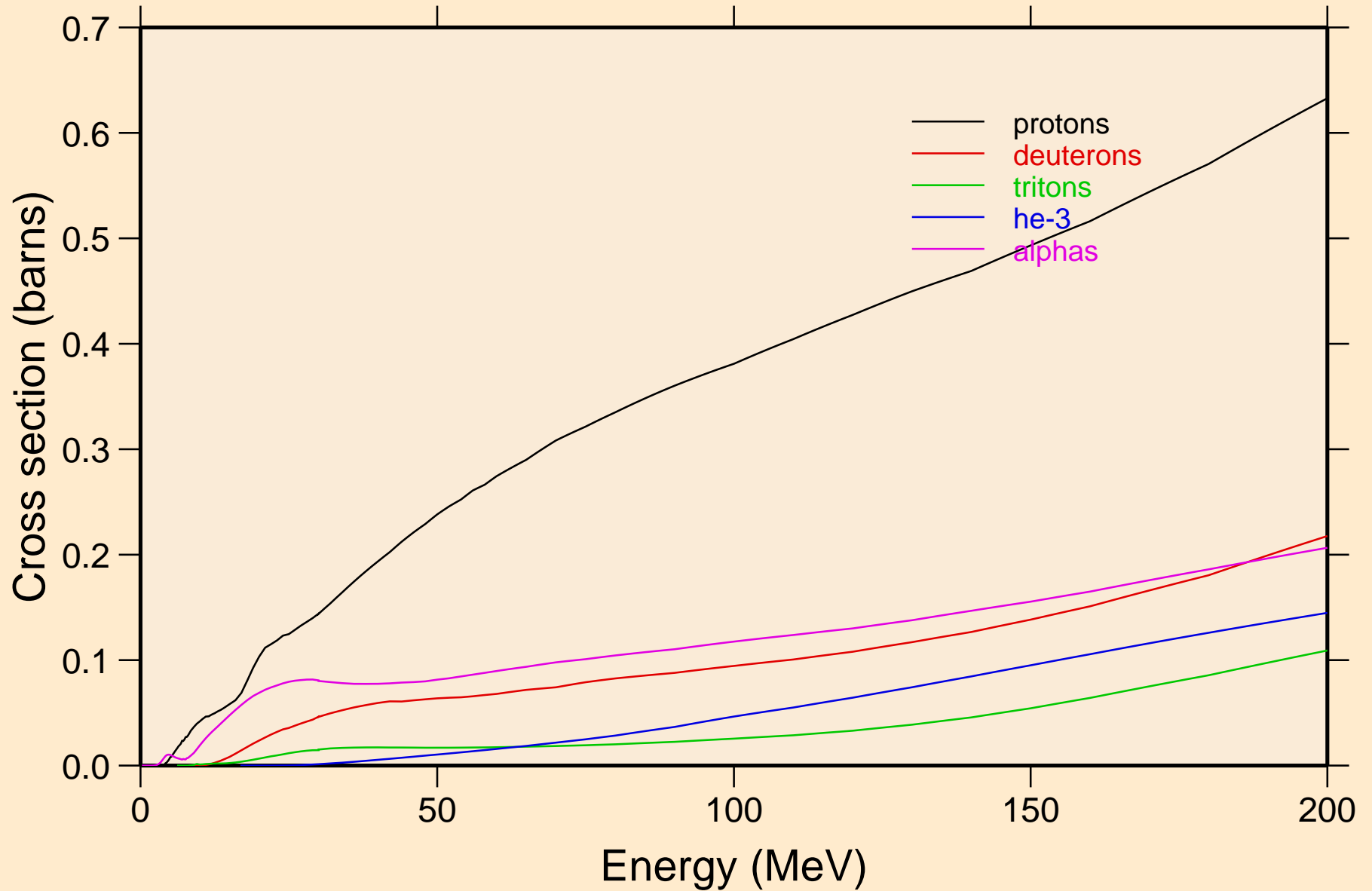
Particle heating contributions



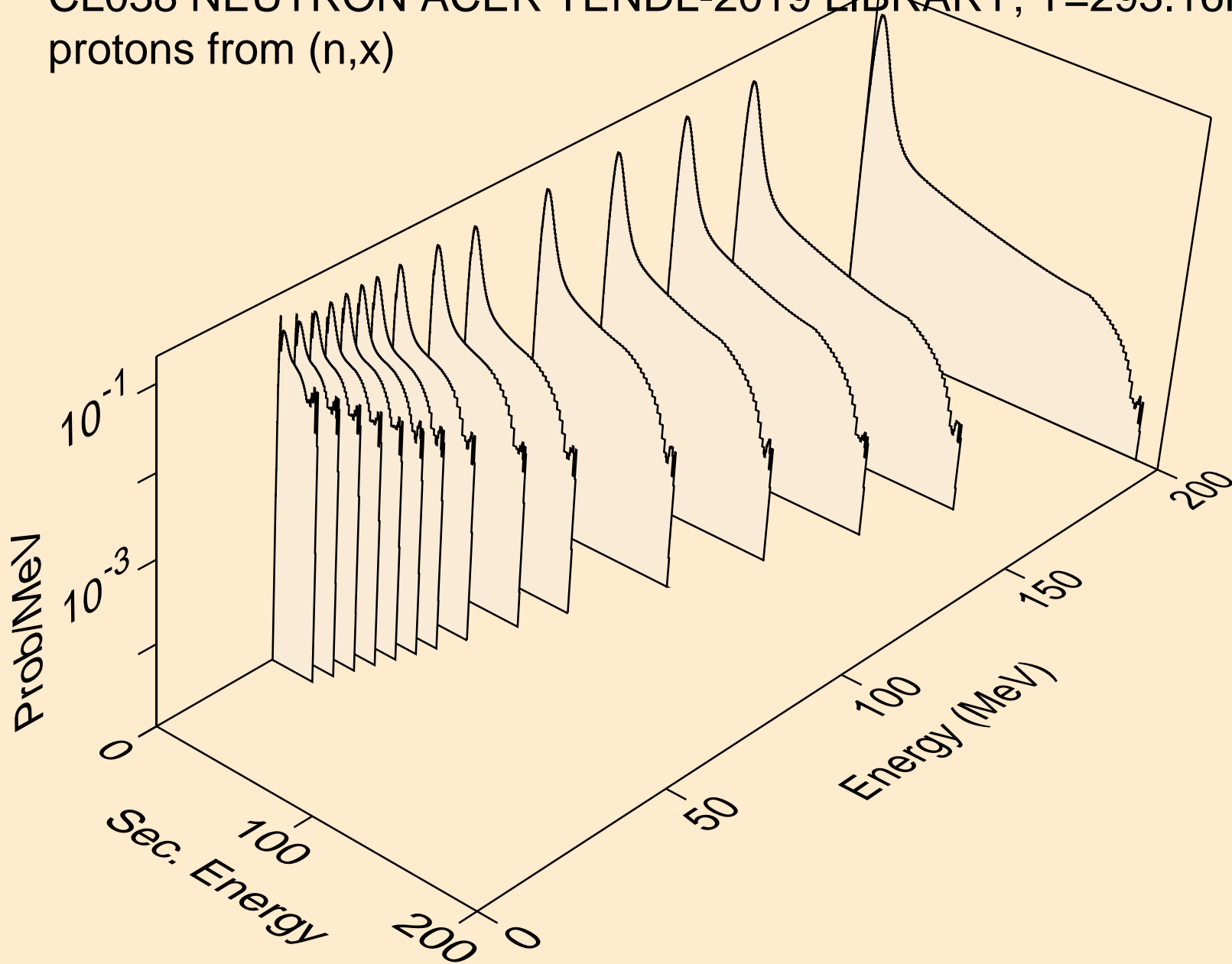
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



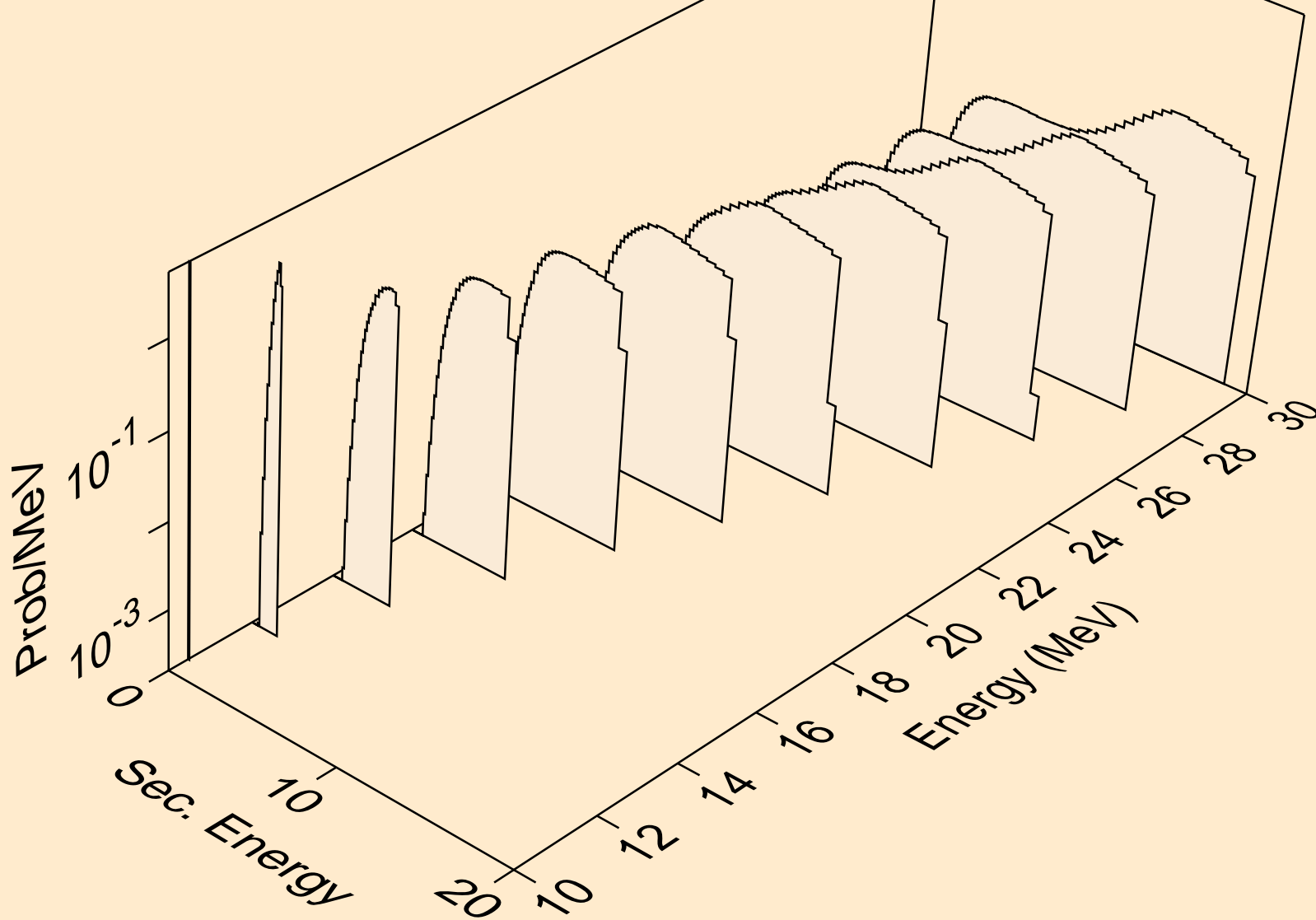
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



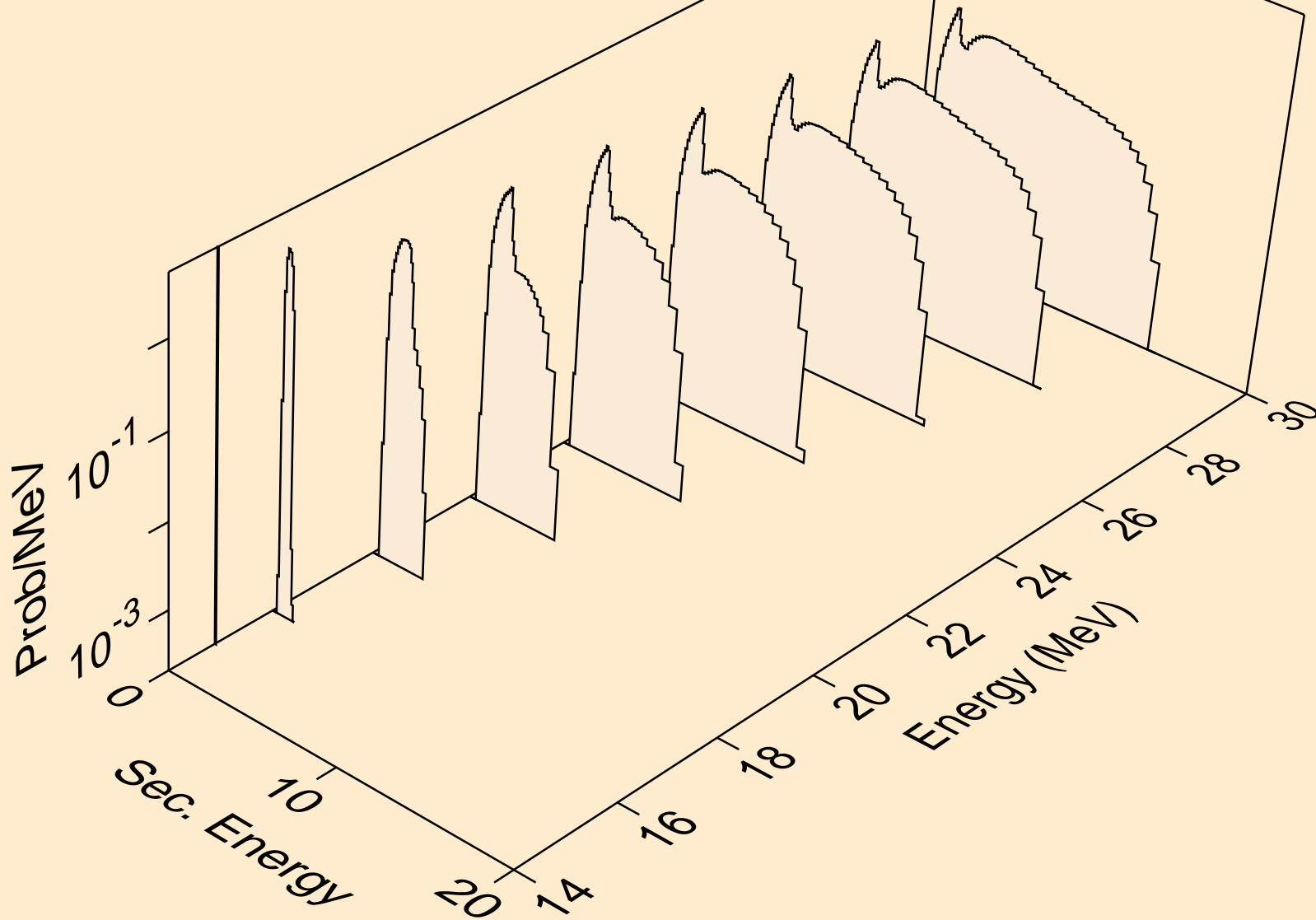
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



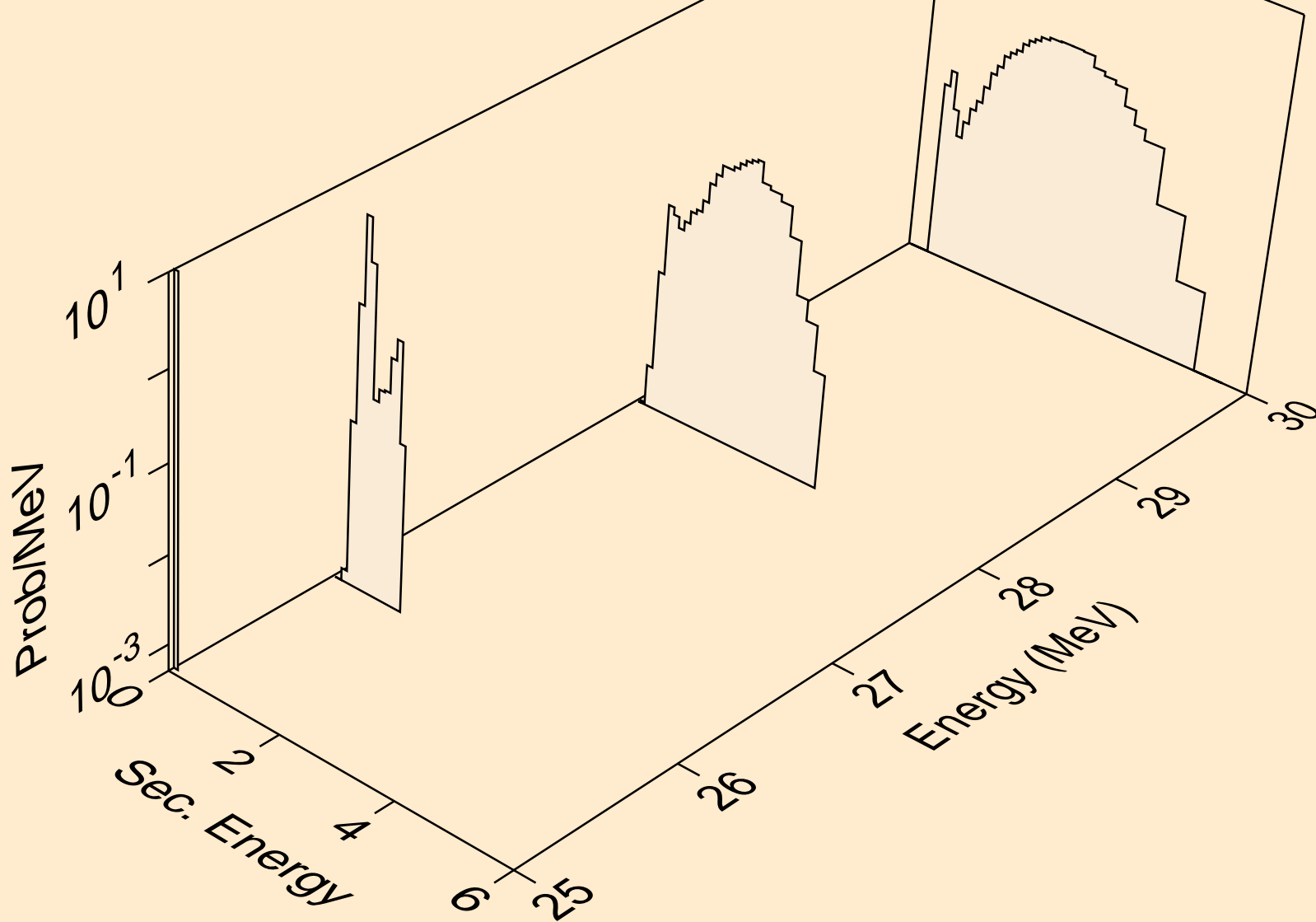
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



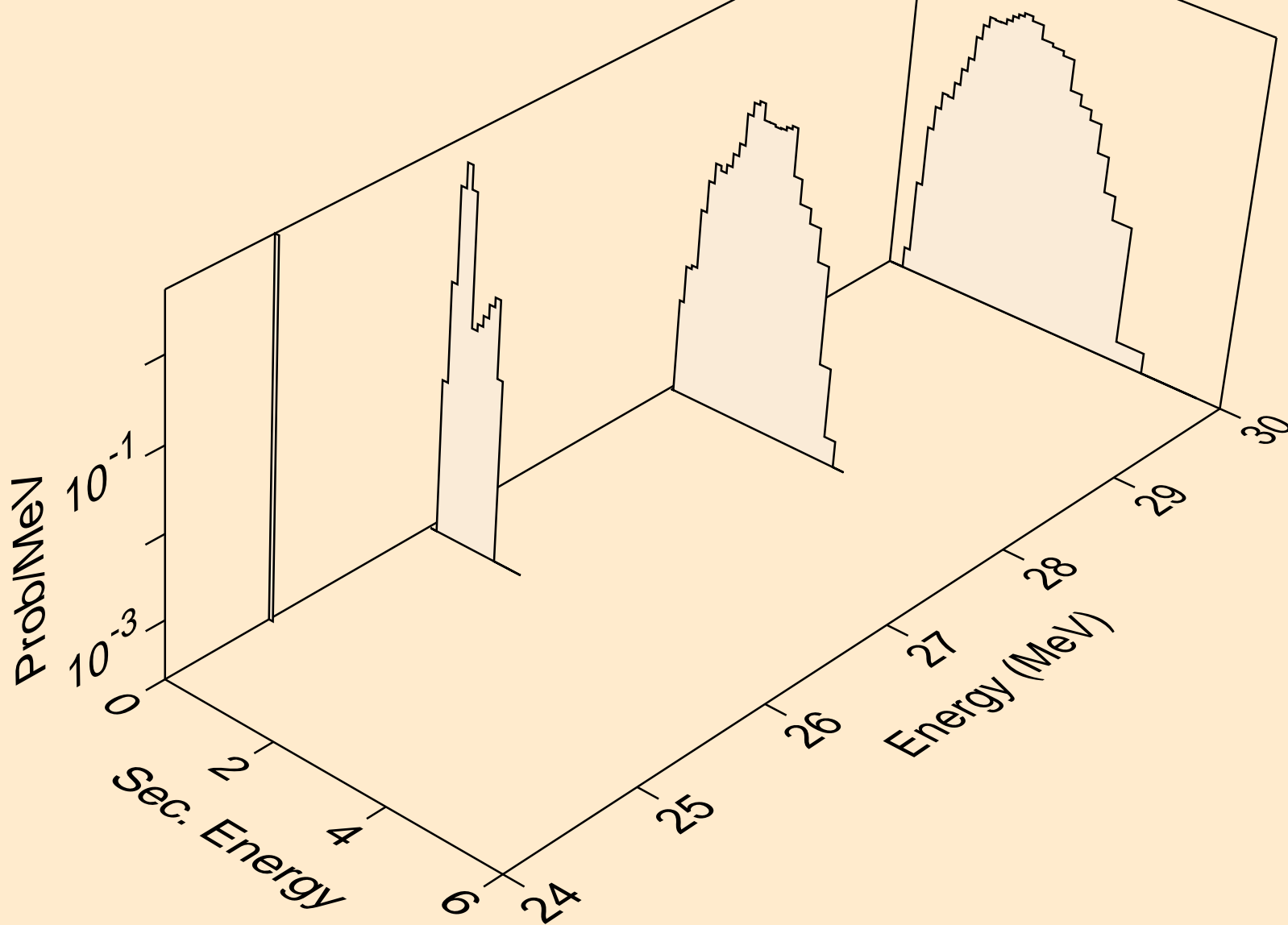
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



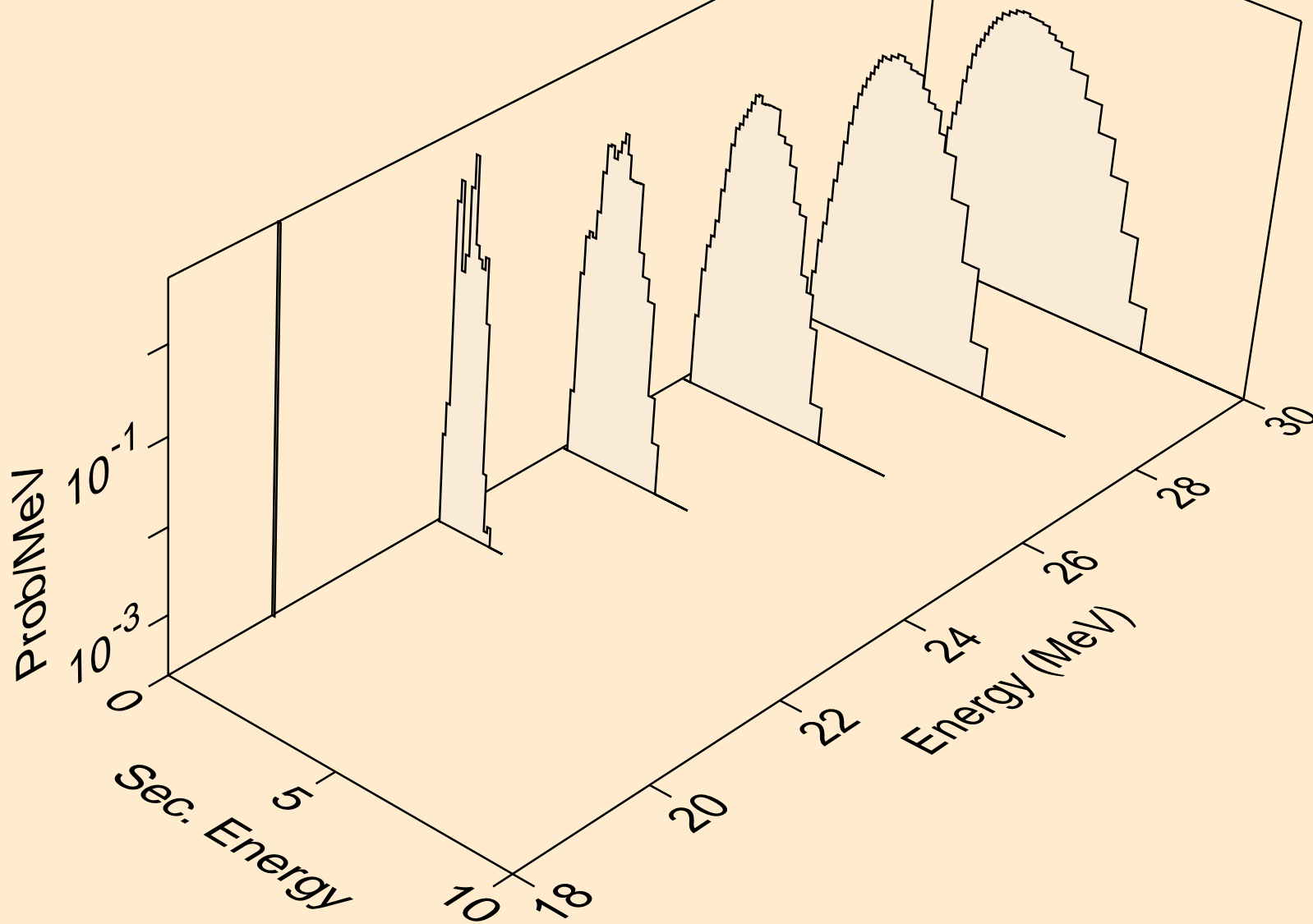
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



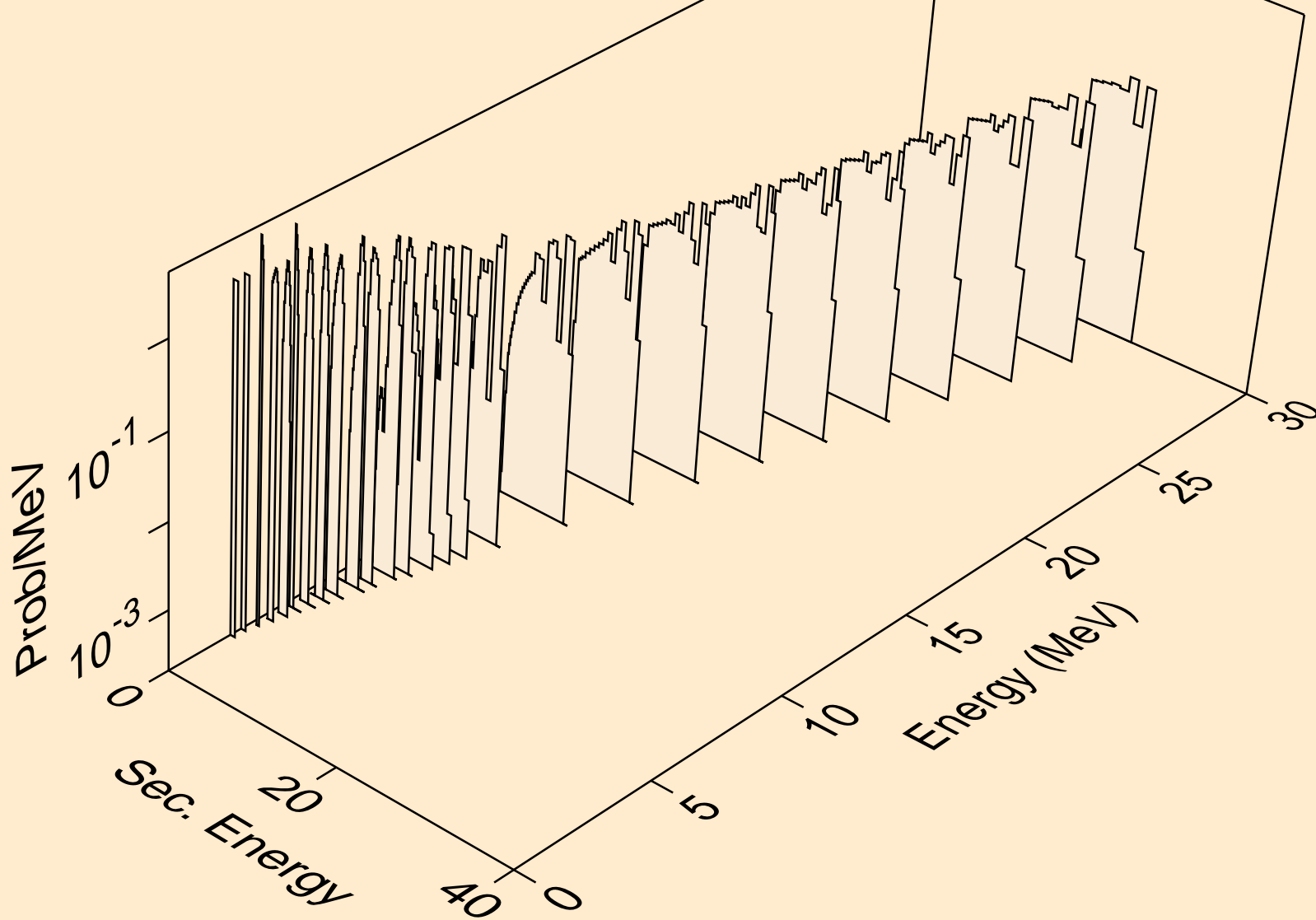
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



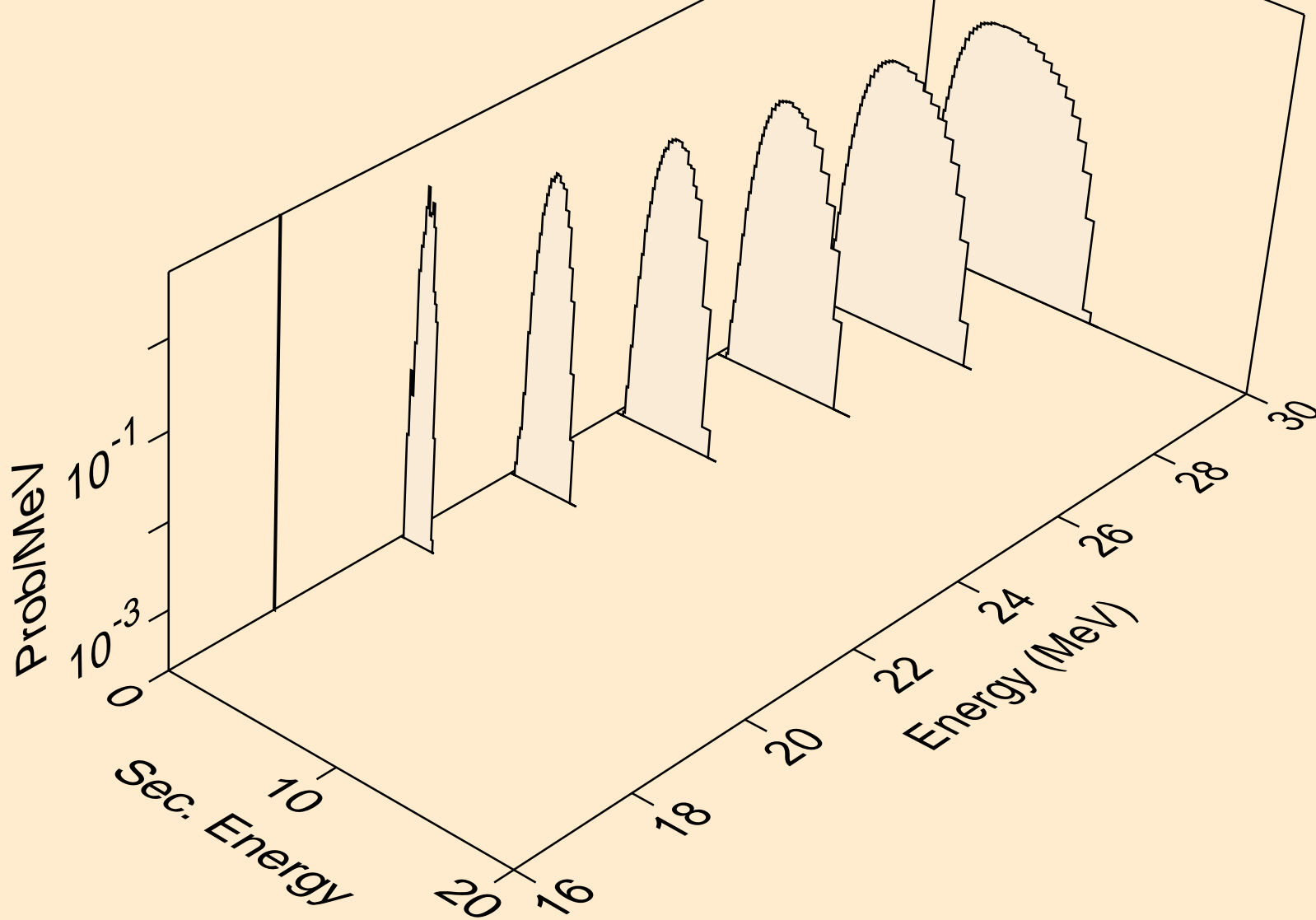
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



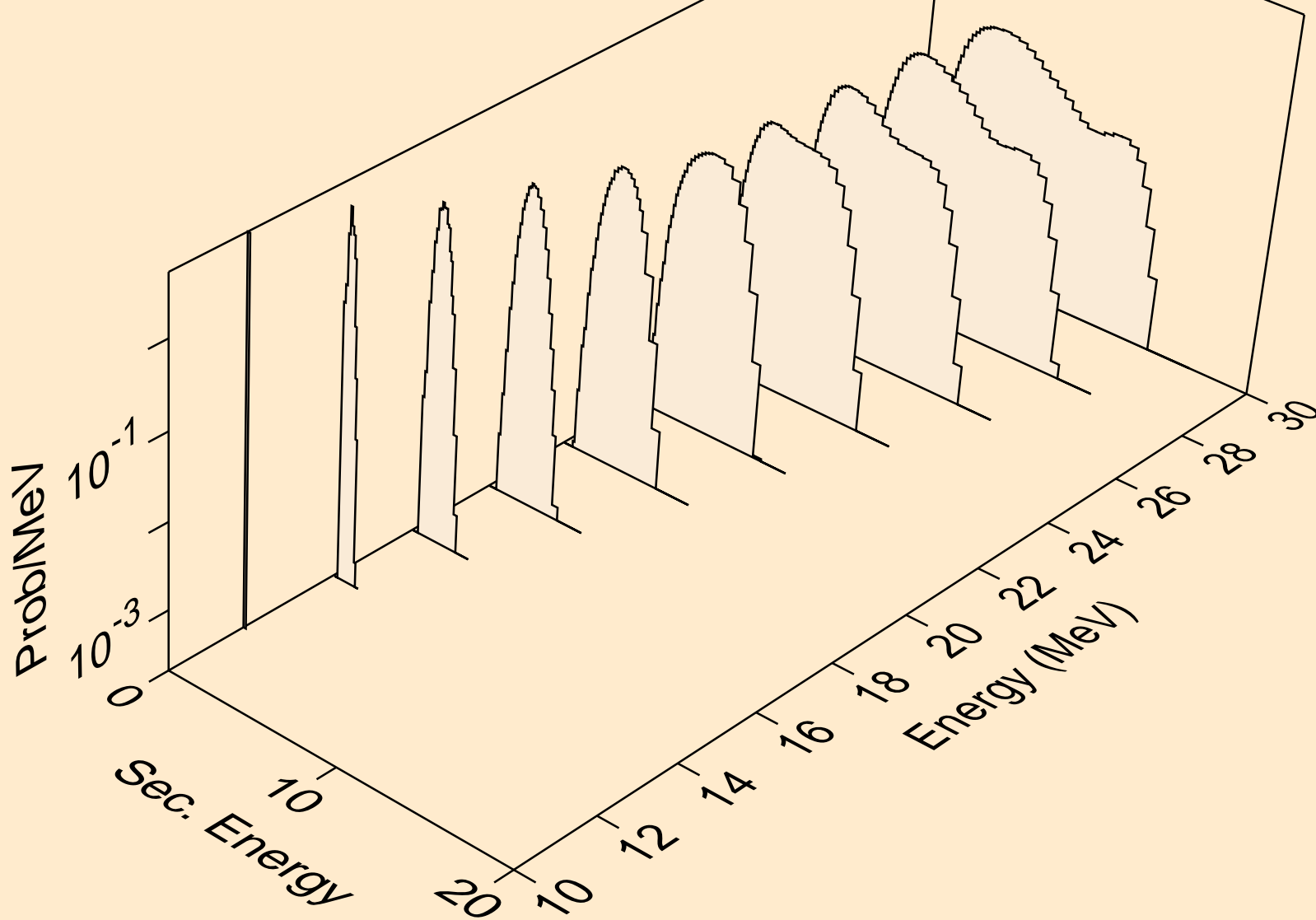
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



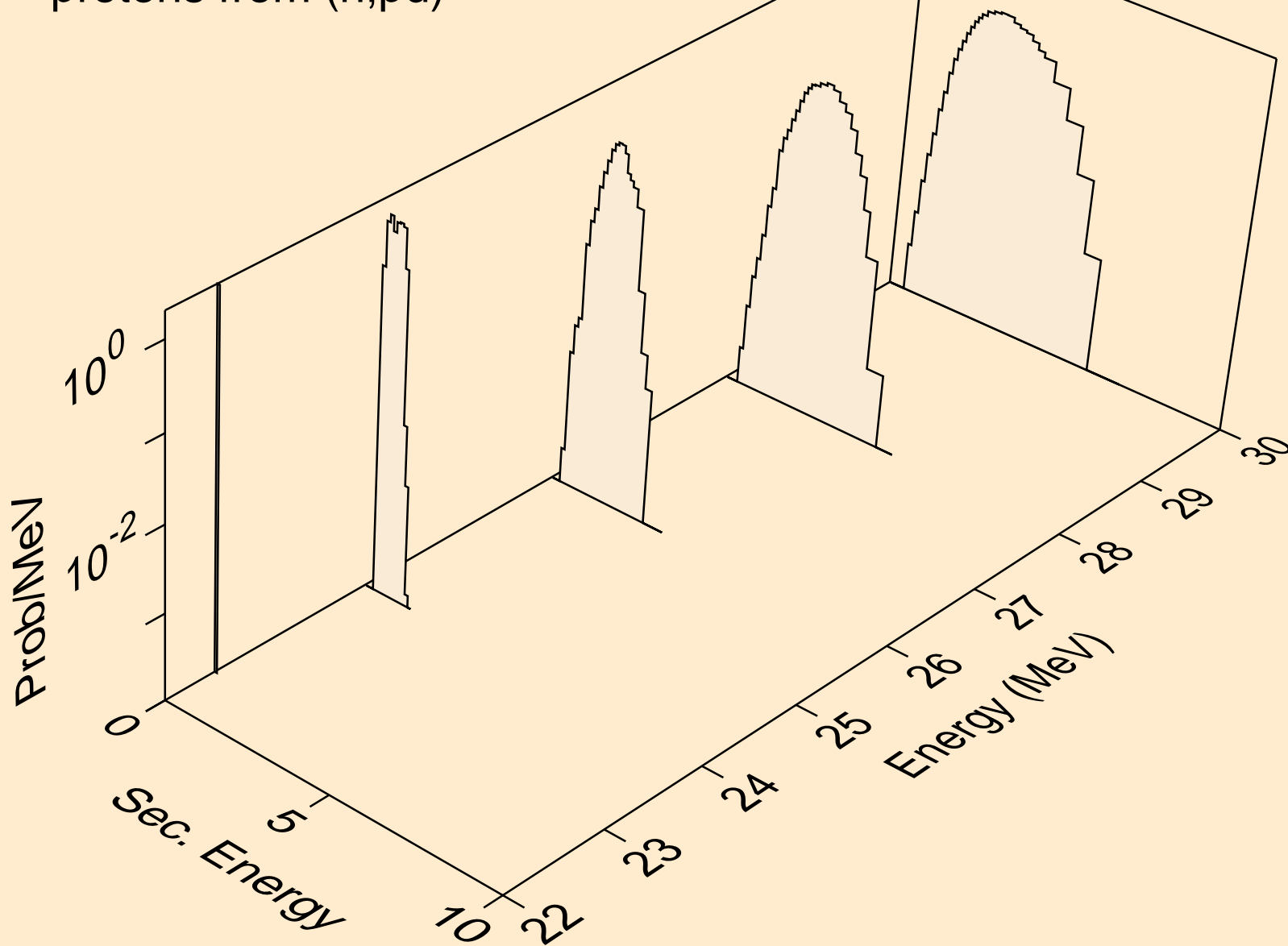
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



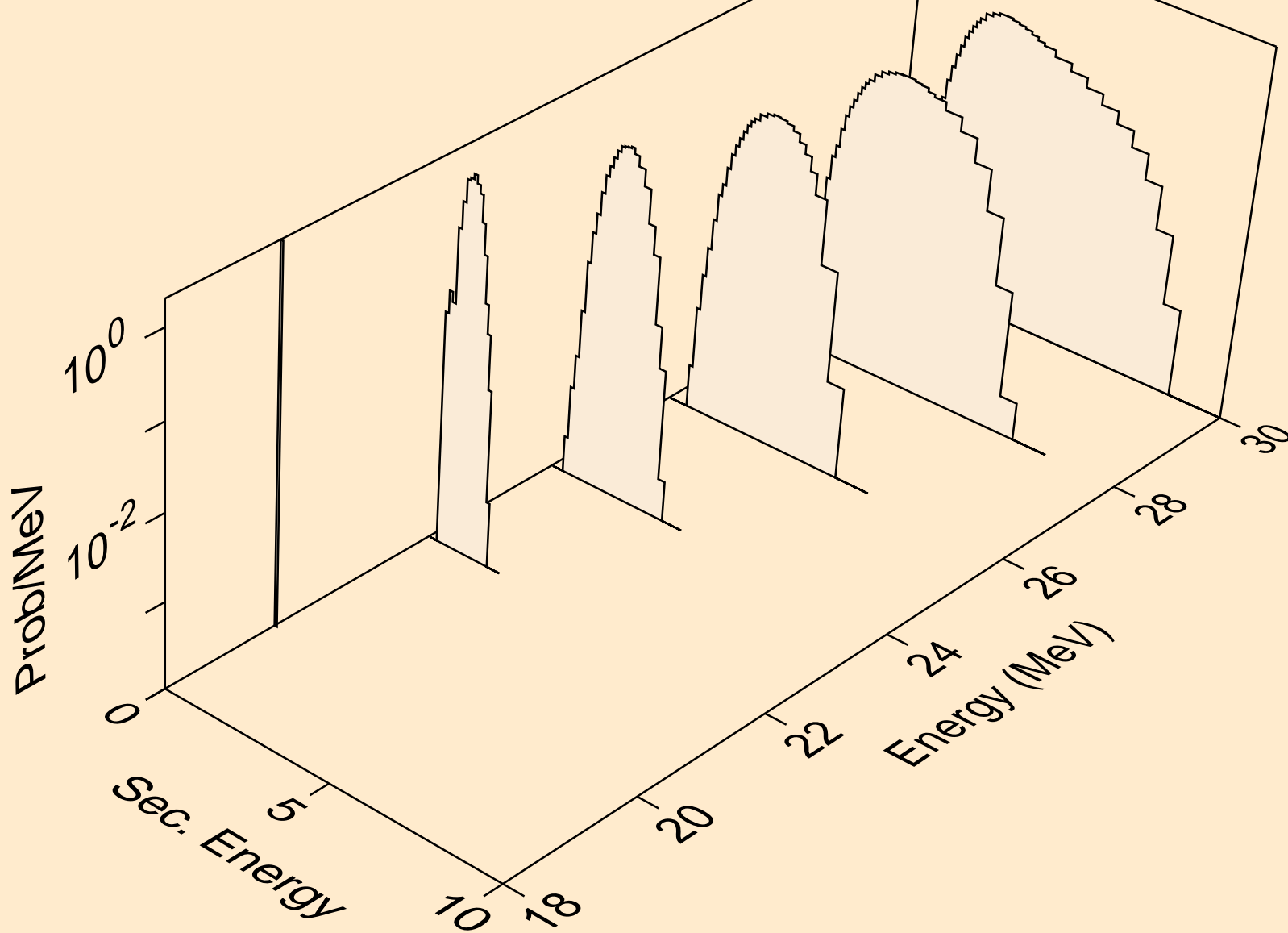
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



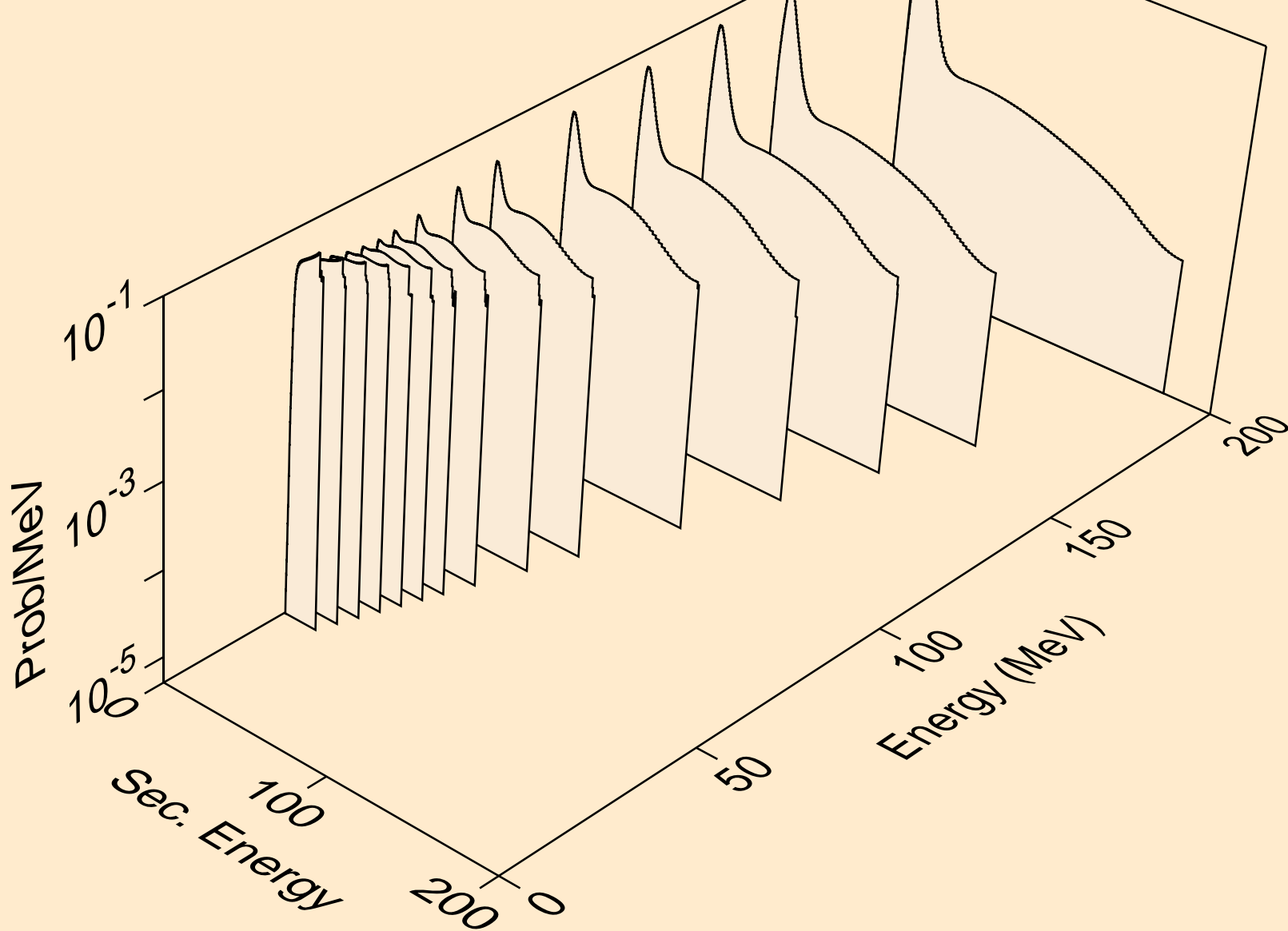
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



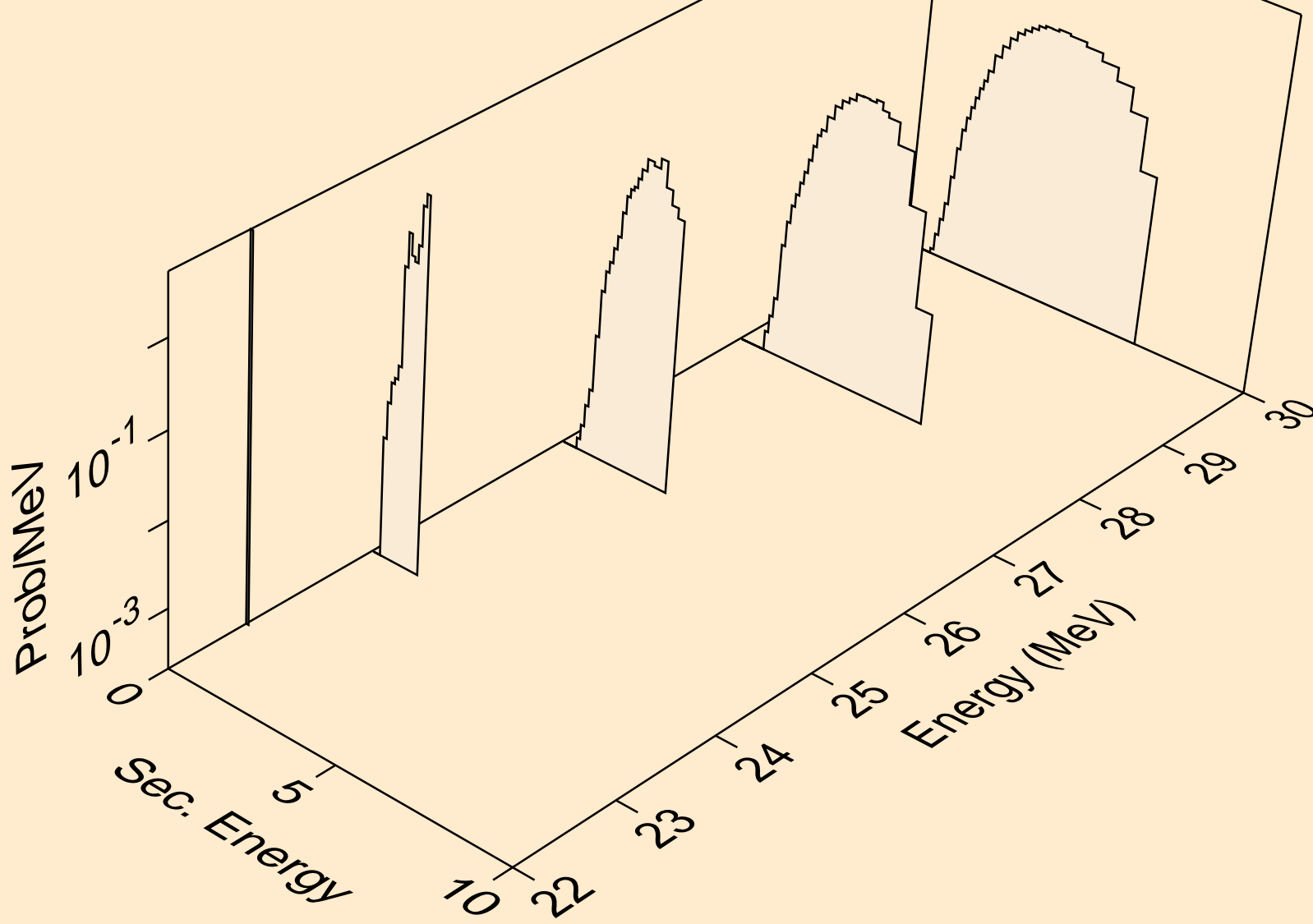
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



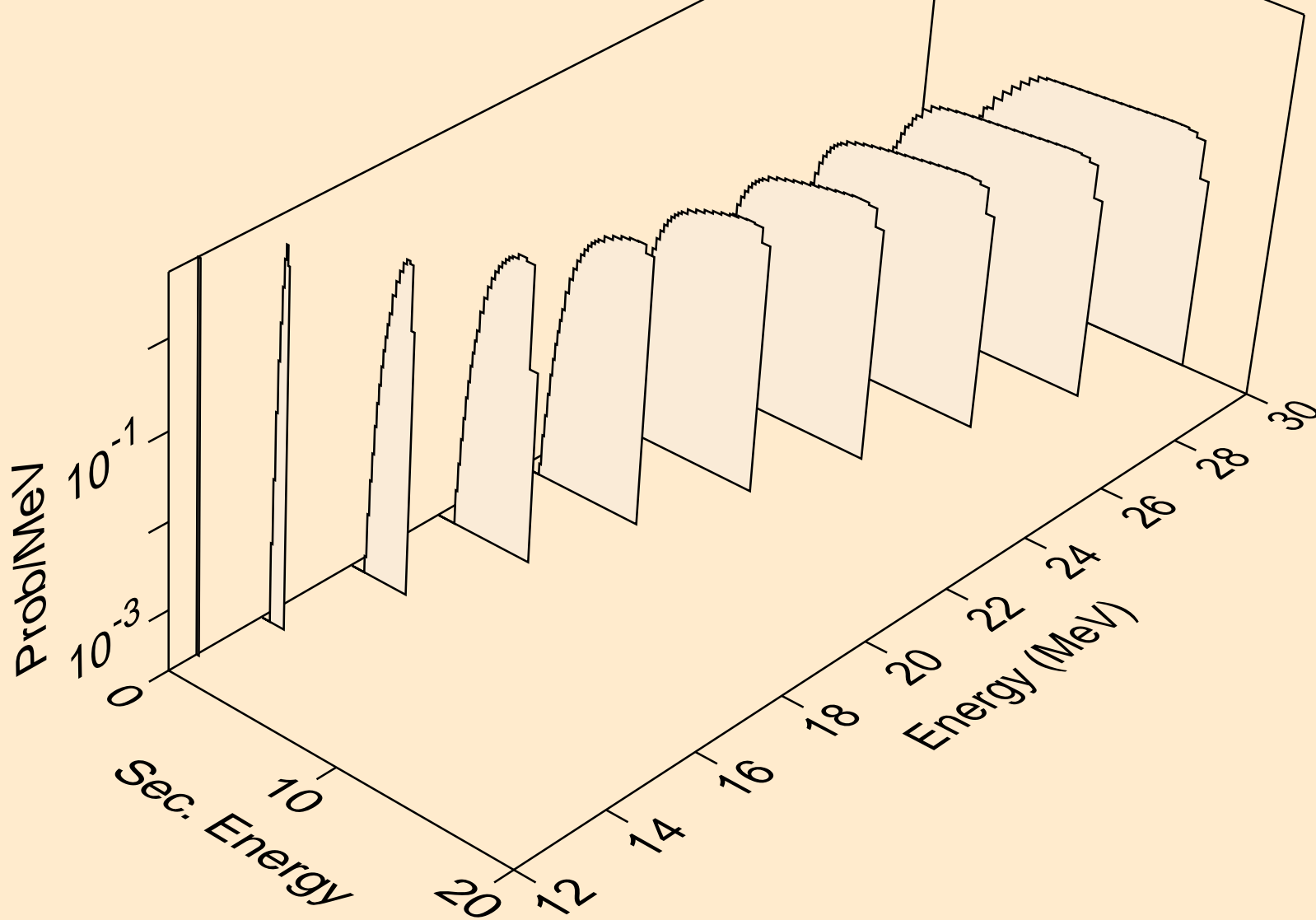
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



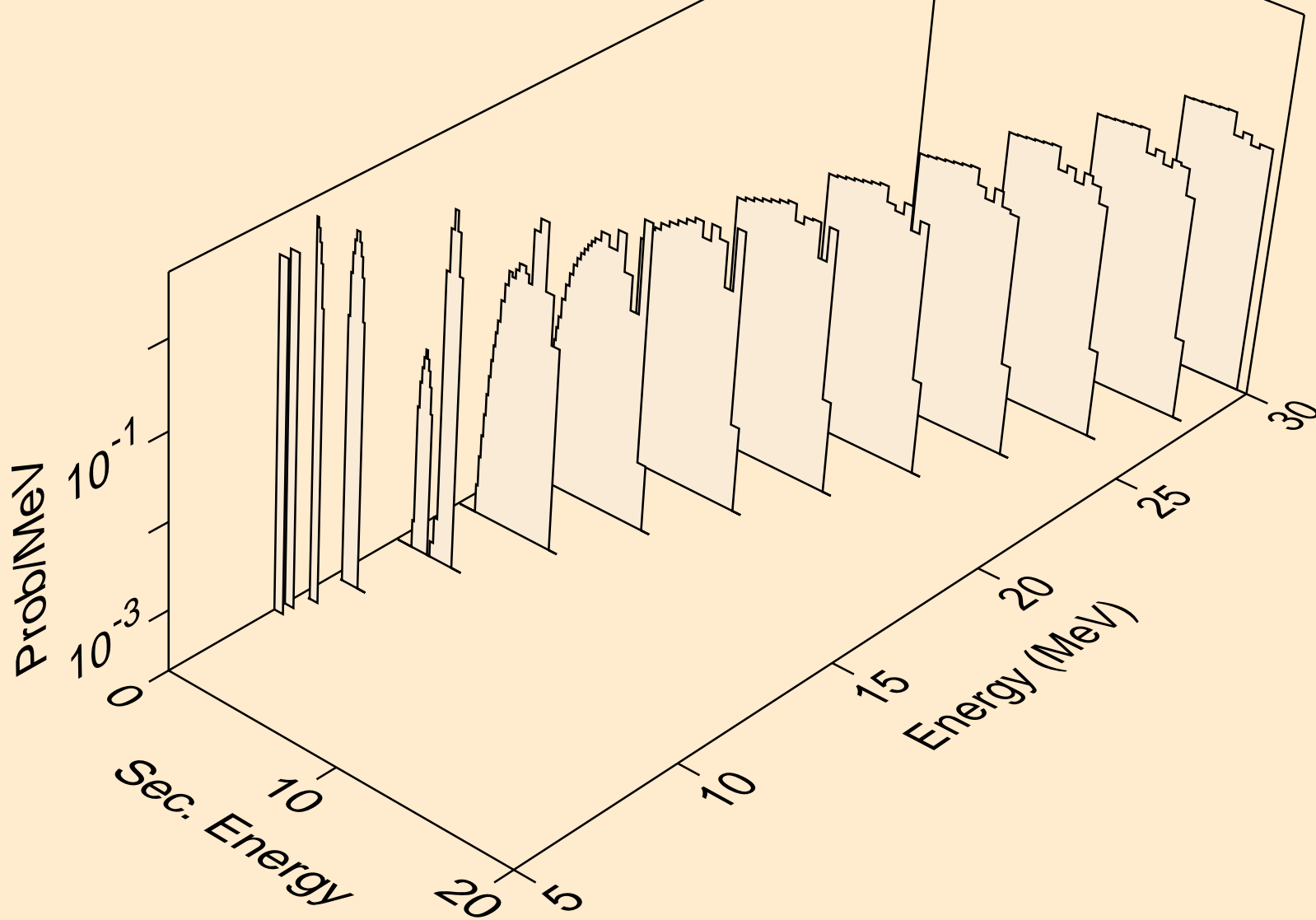
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



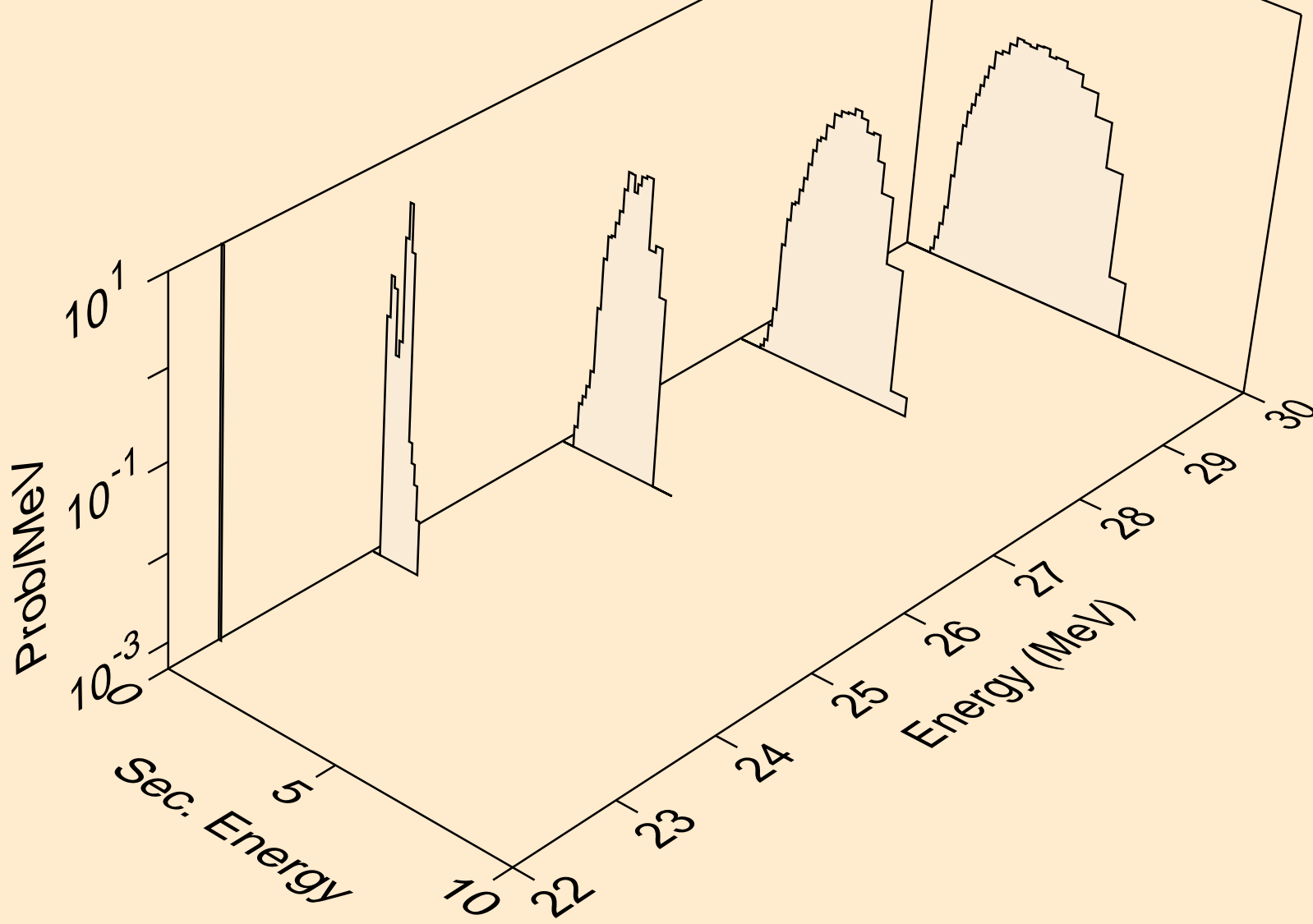
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



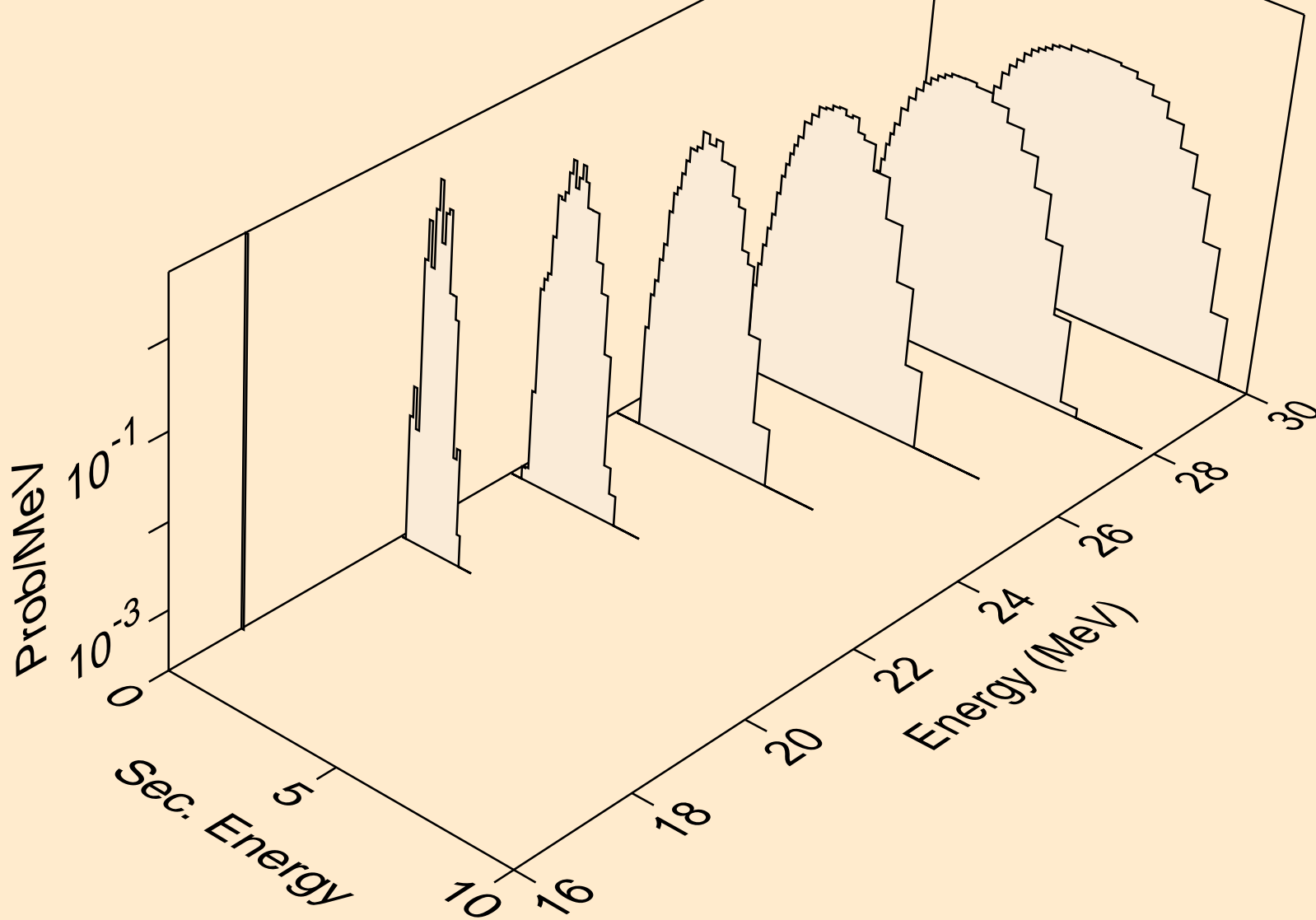
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



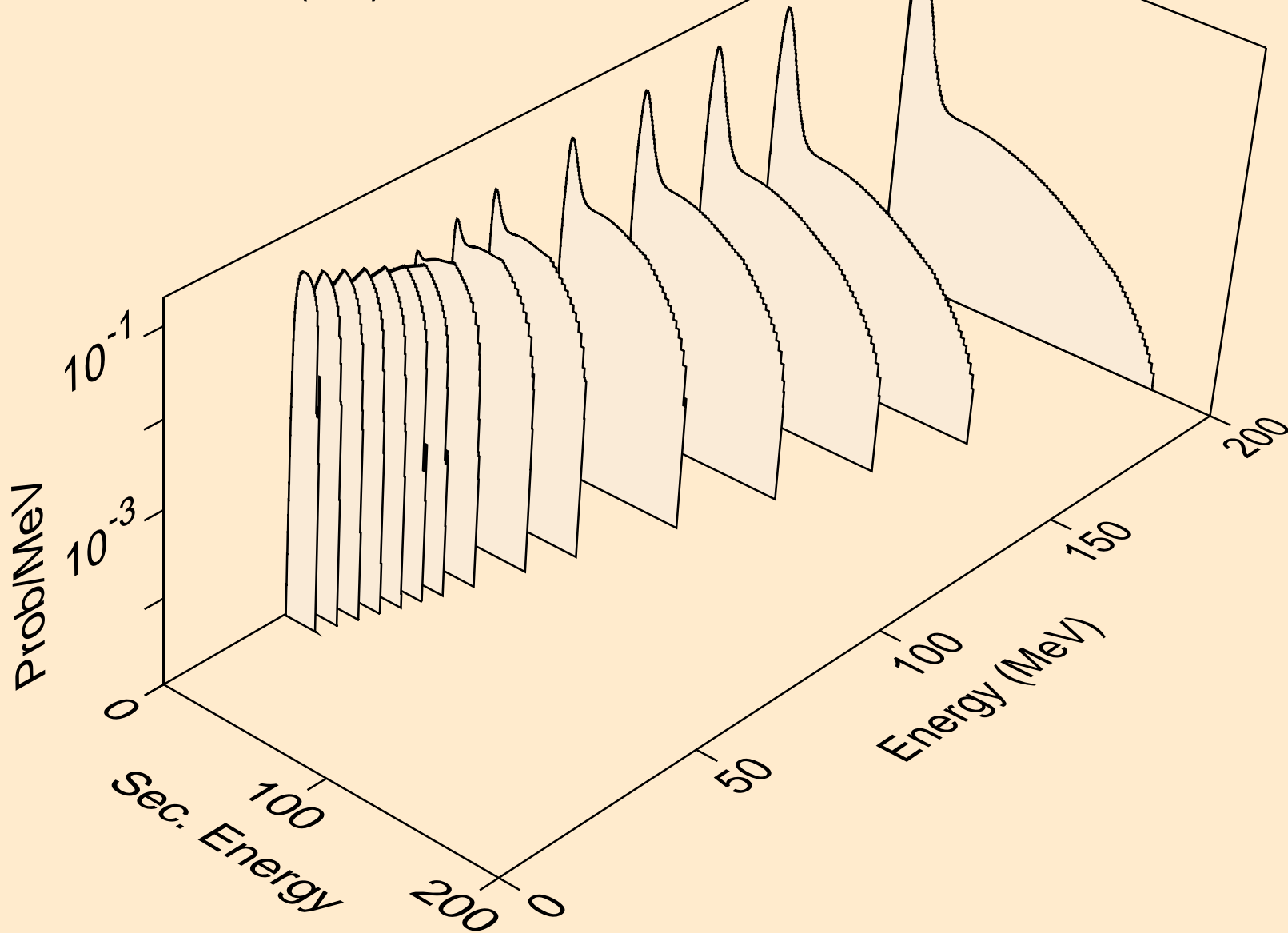
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



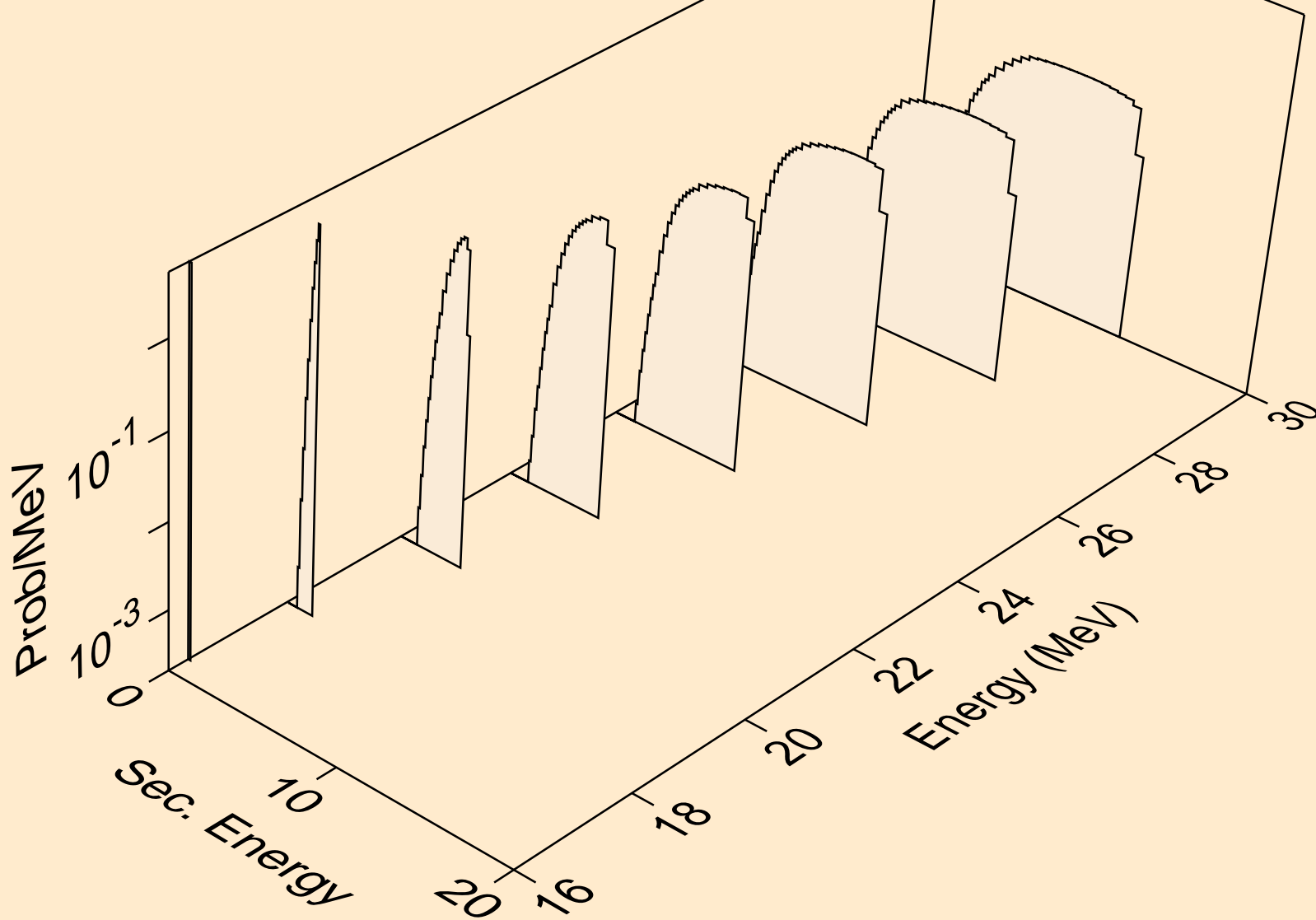
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



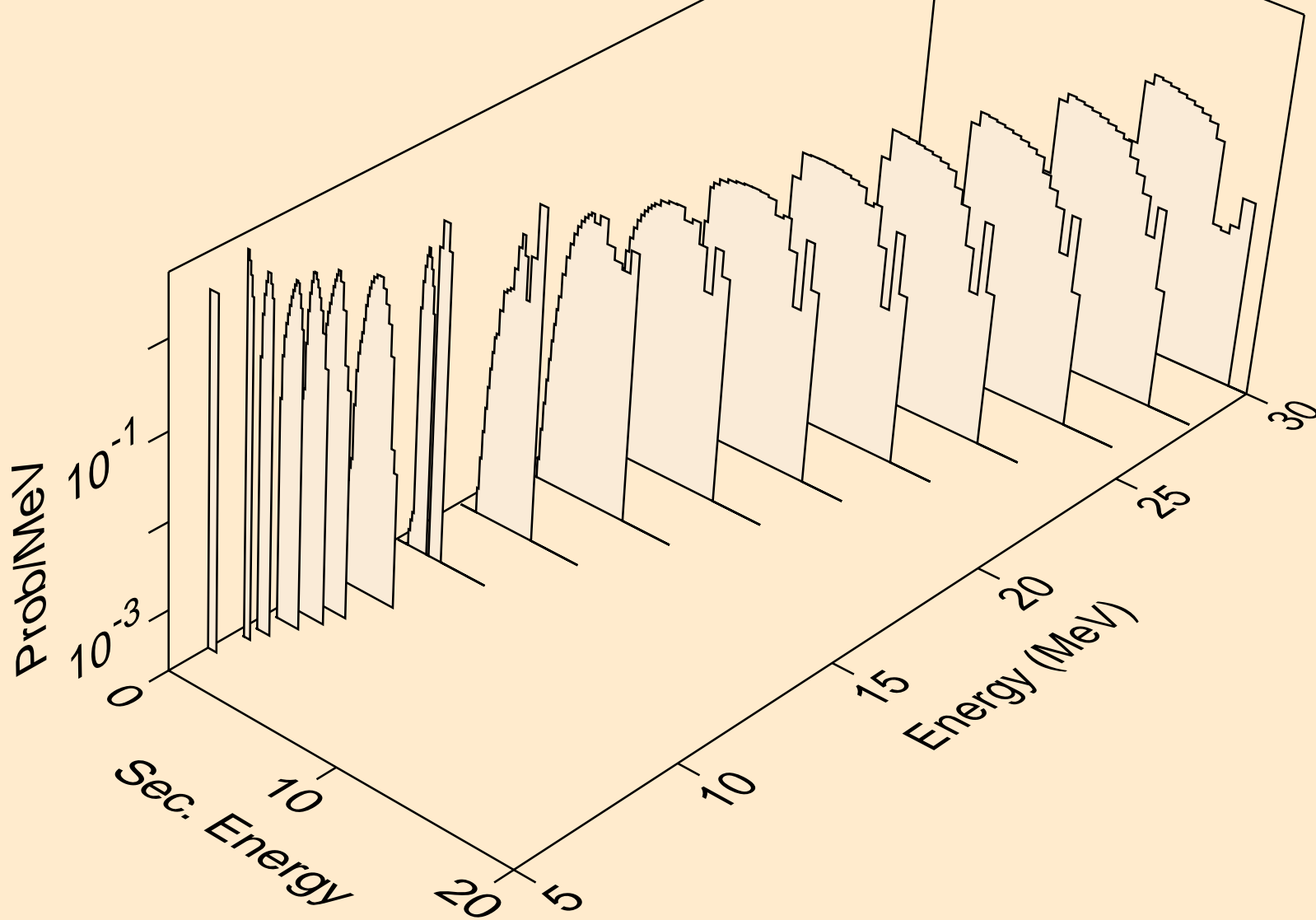
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



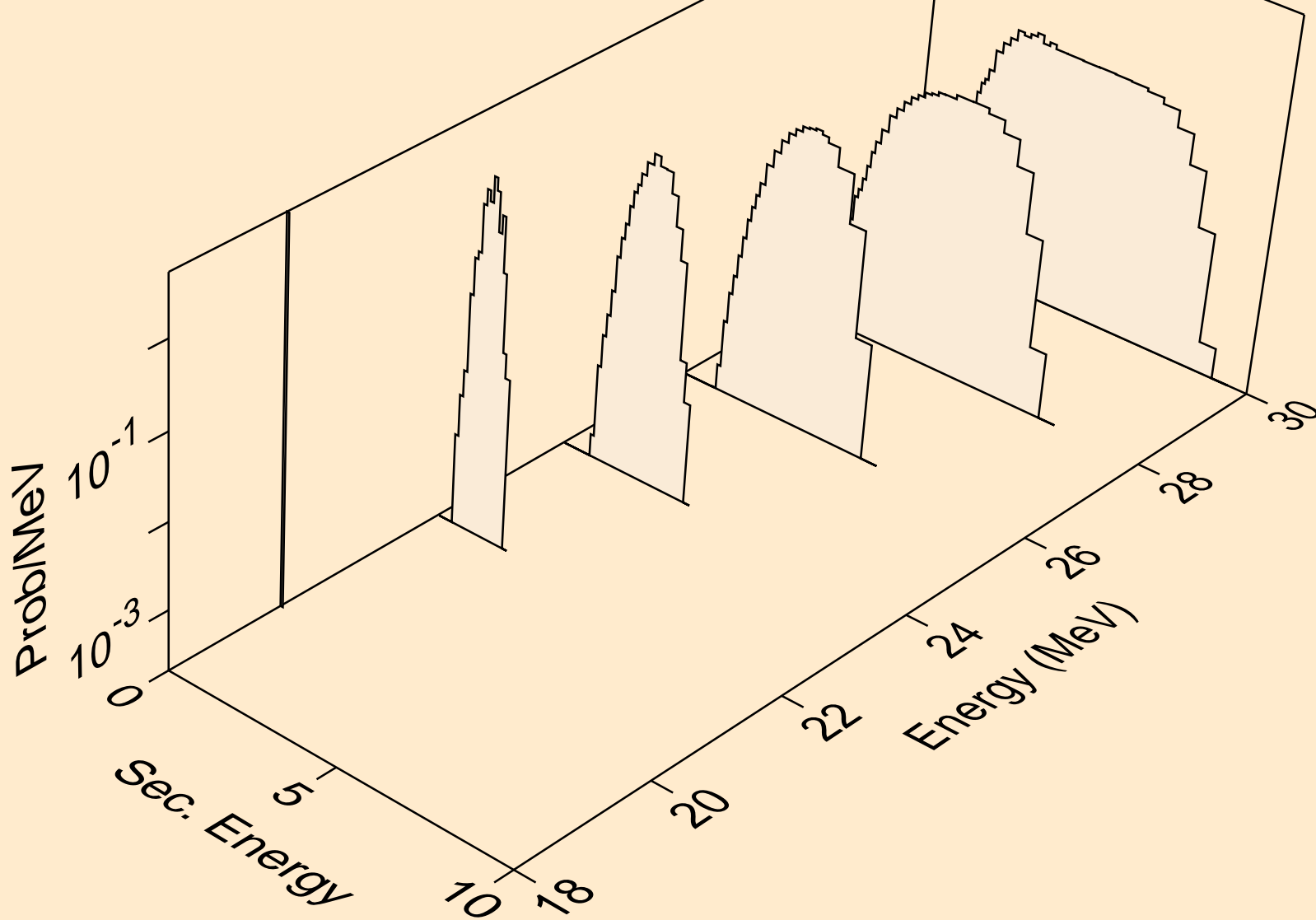
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



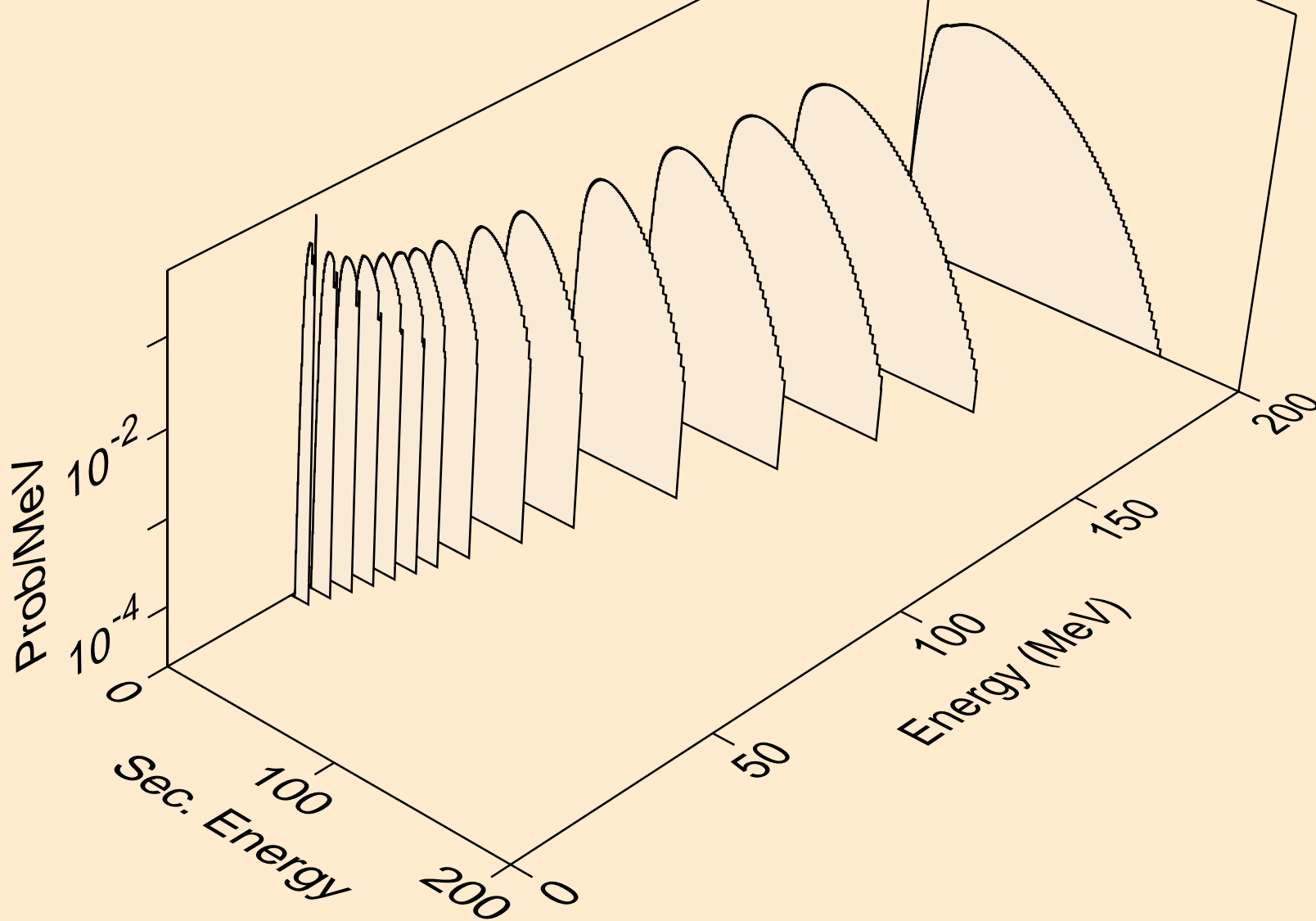
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



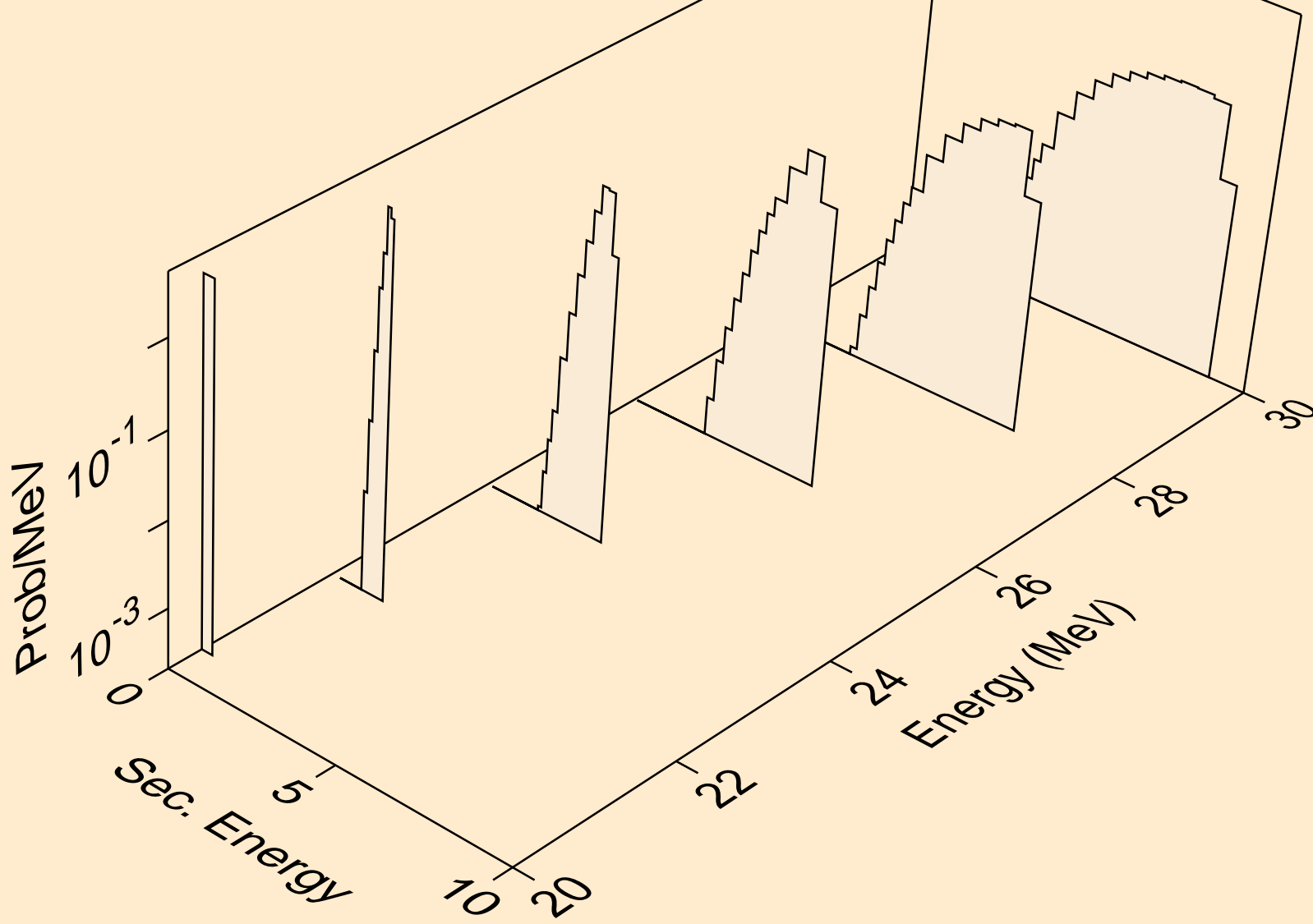
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



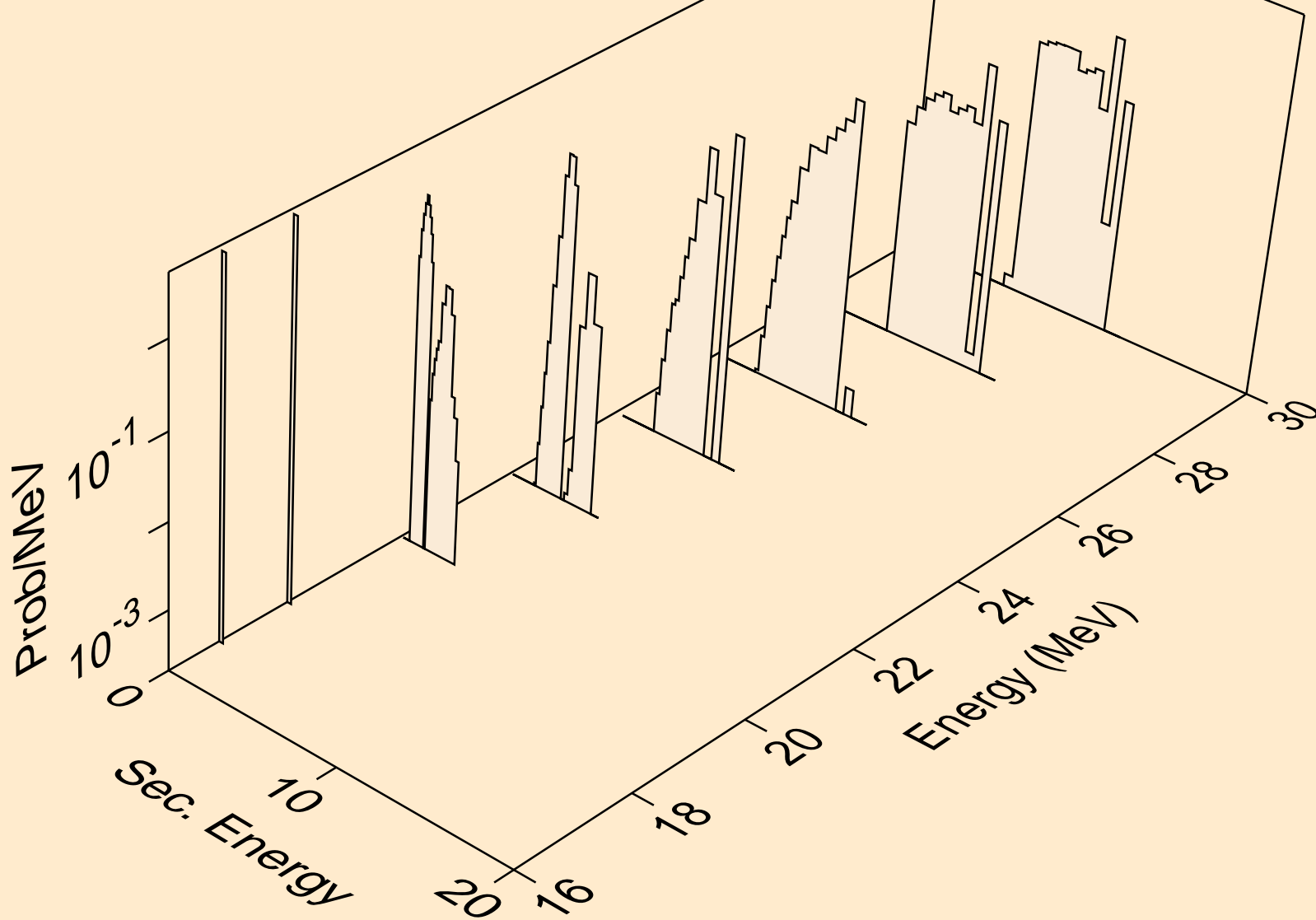
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



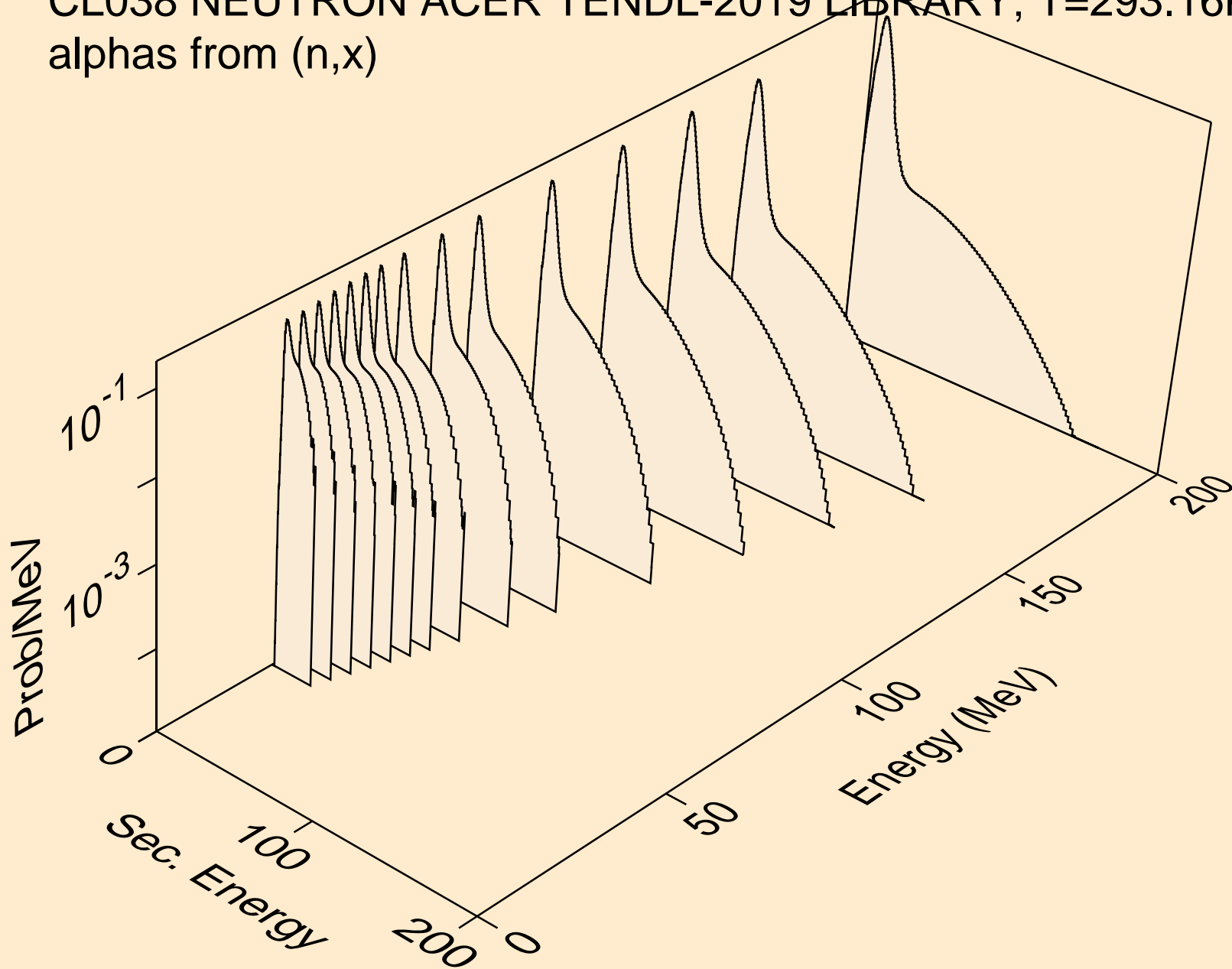
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



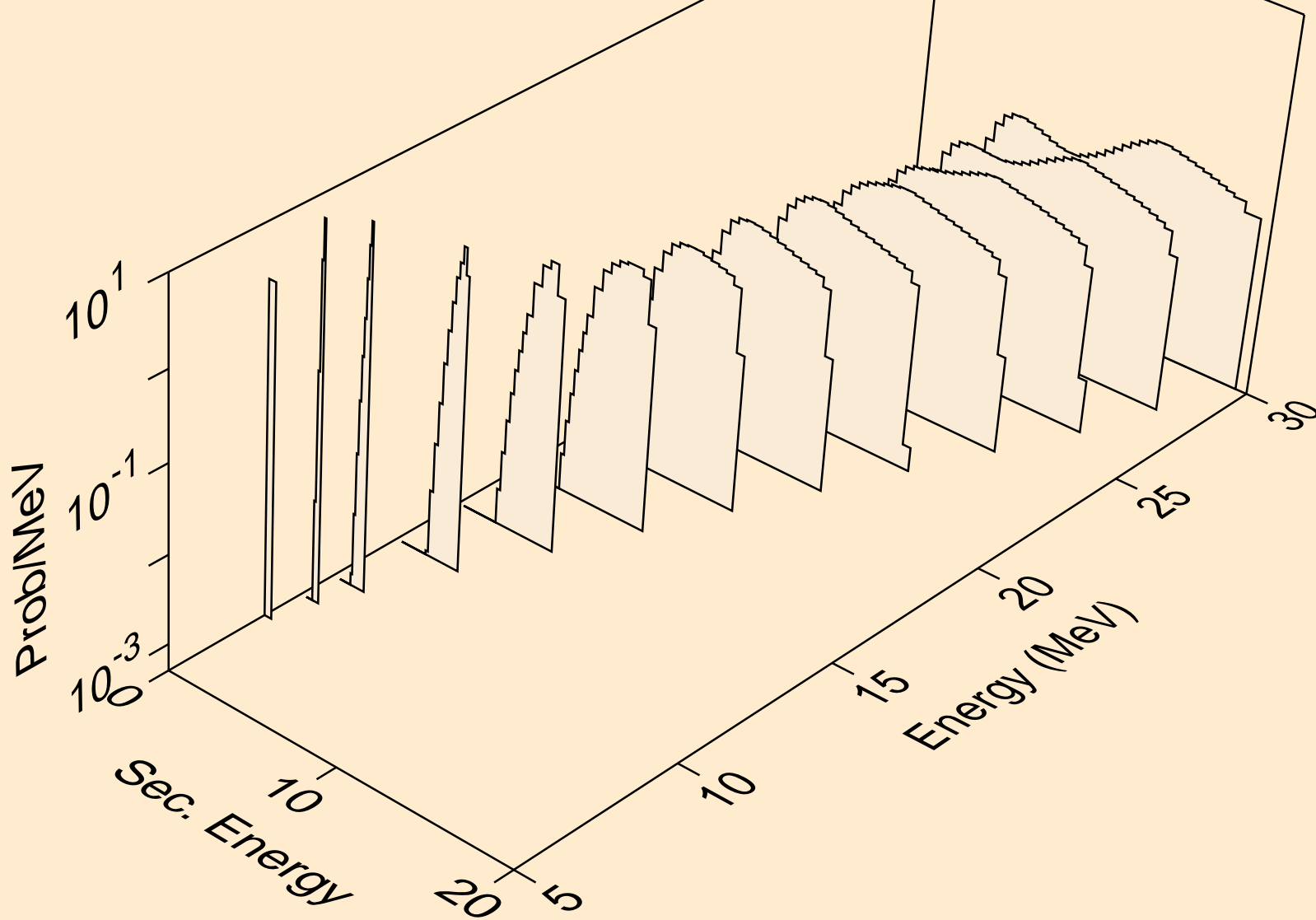
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



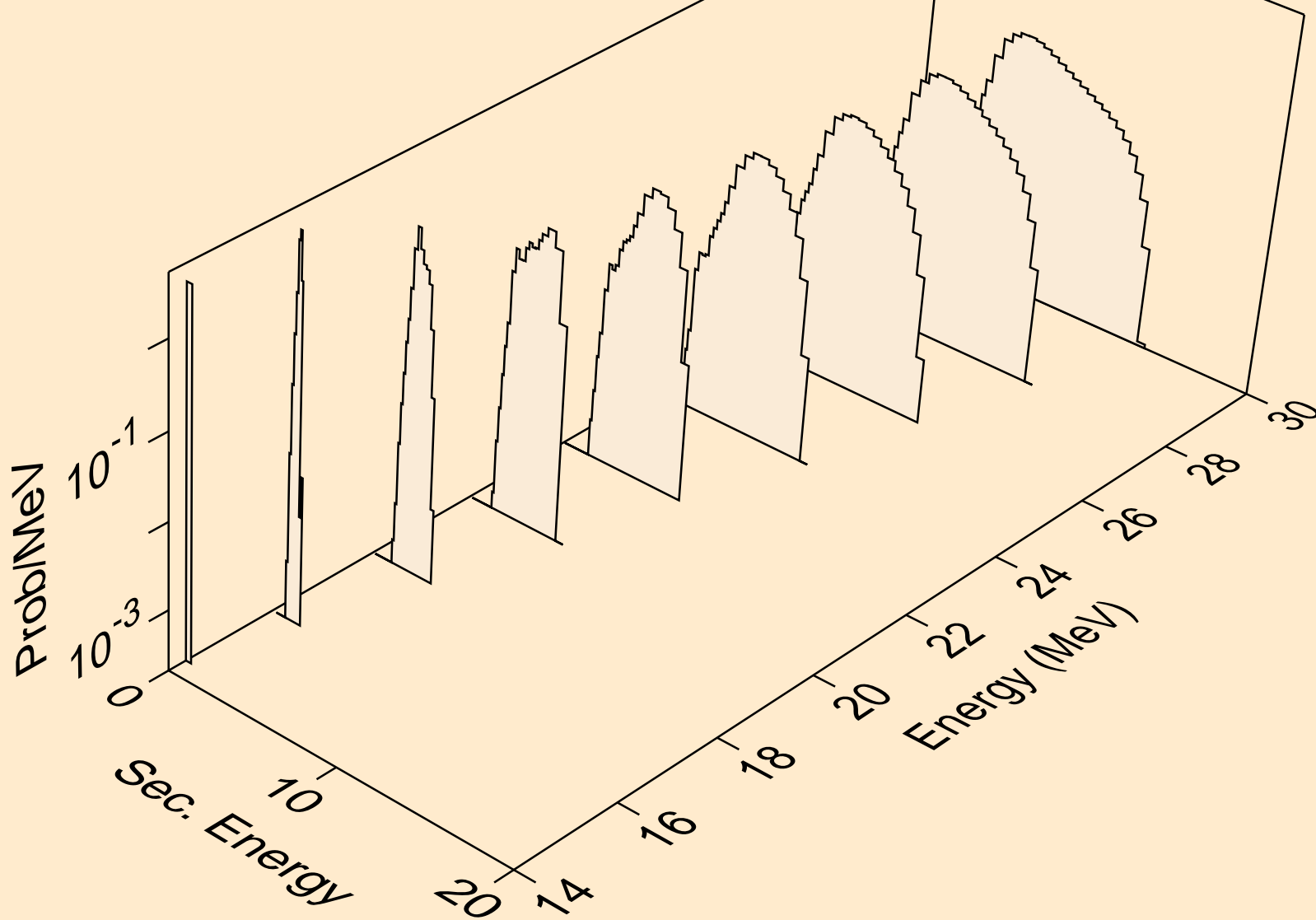
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



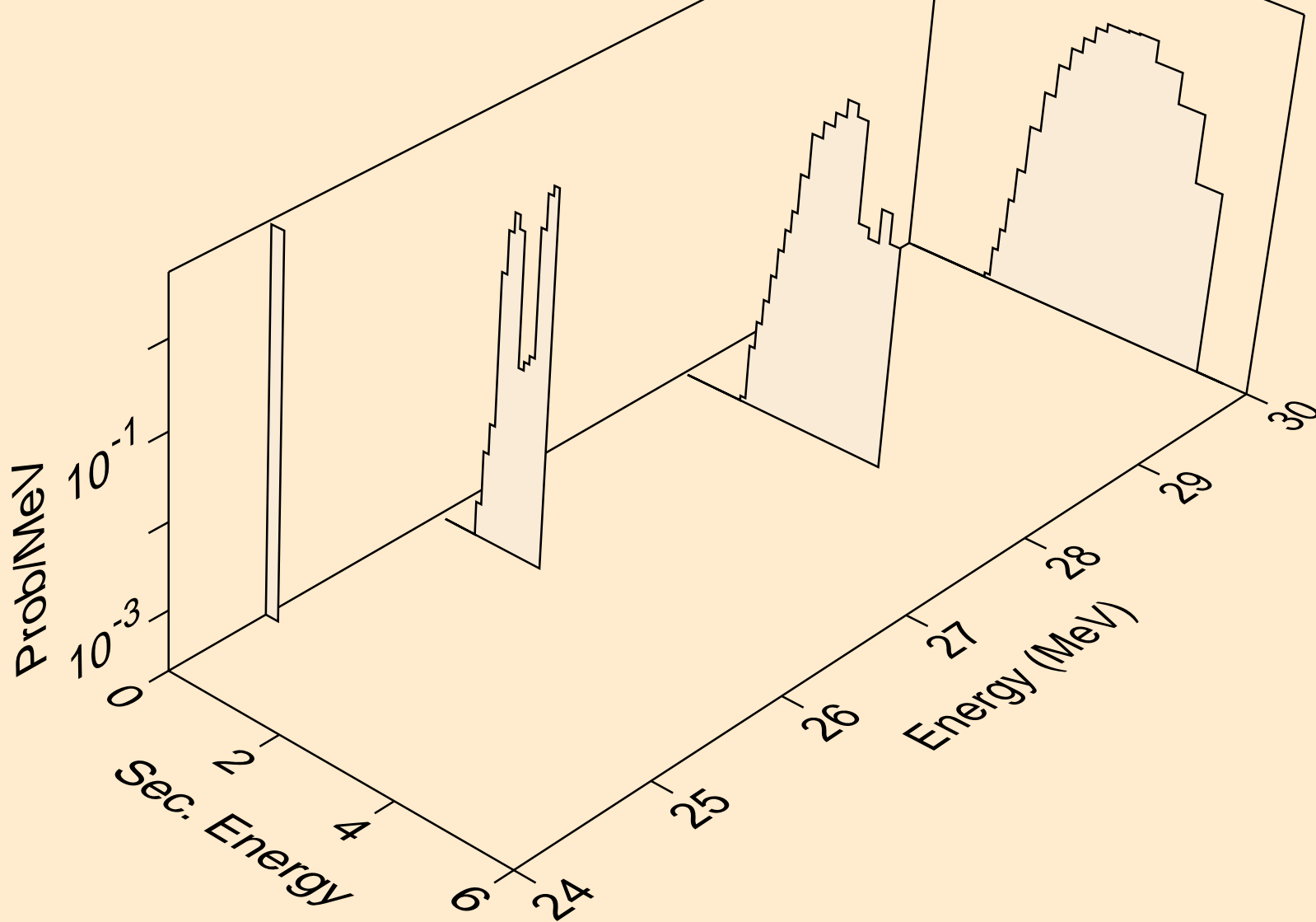
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



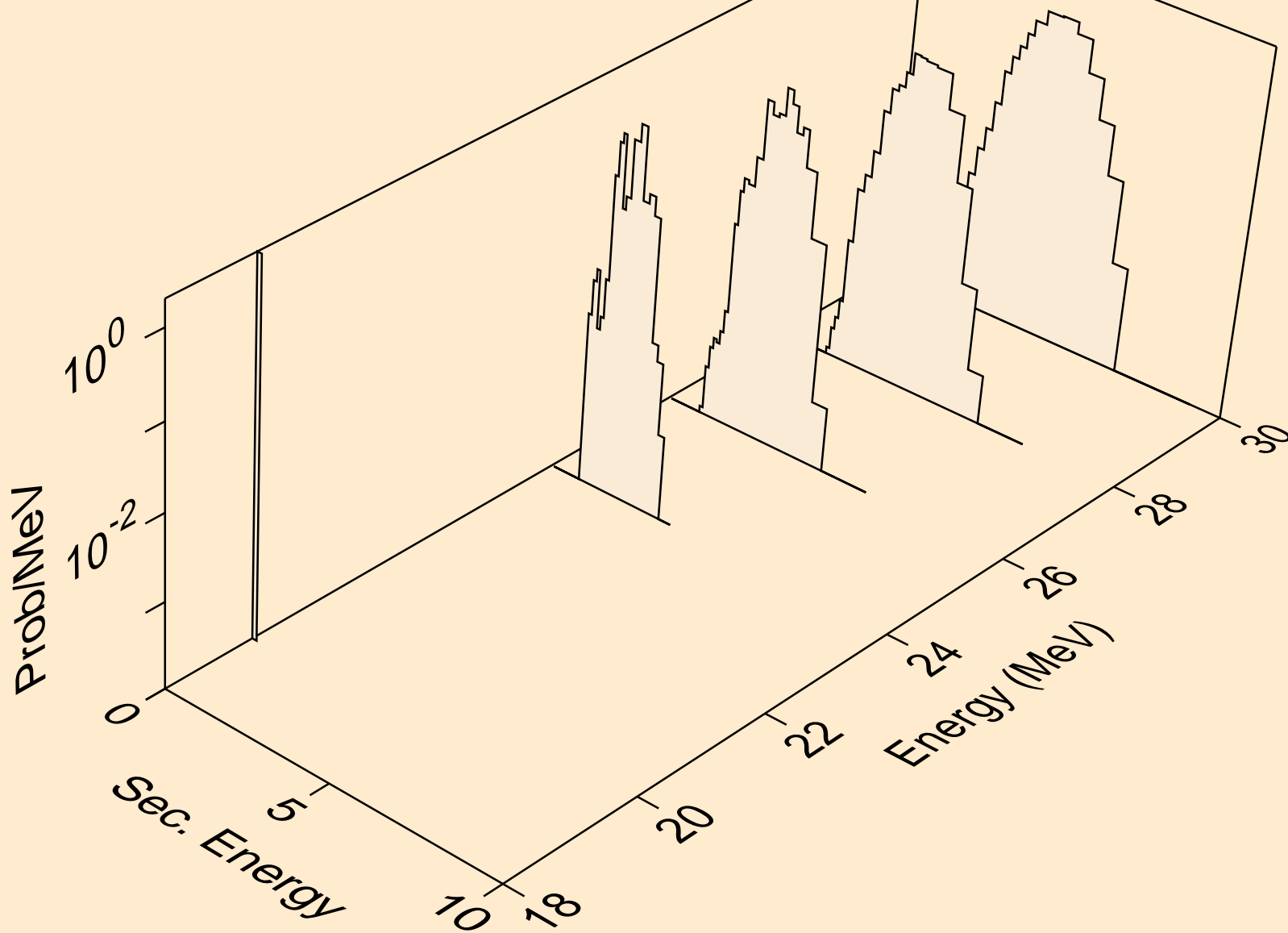
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



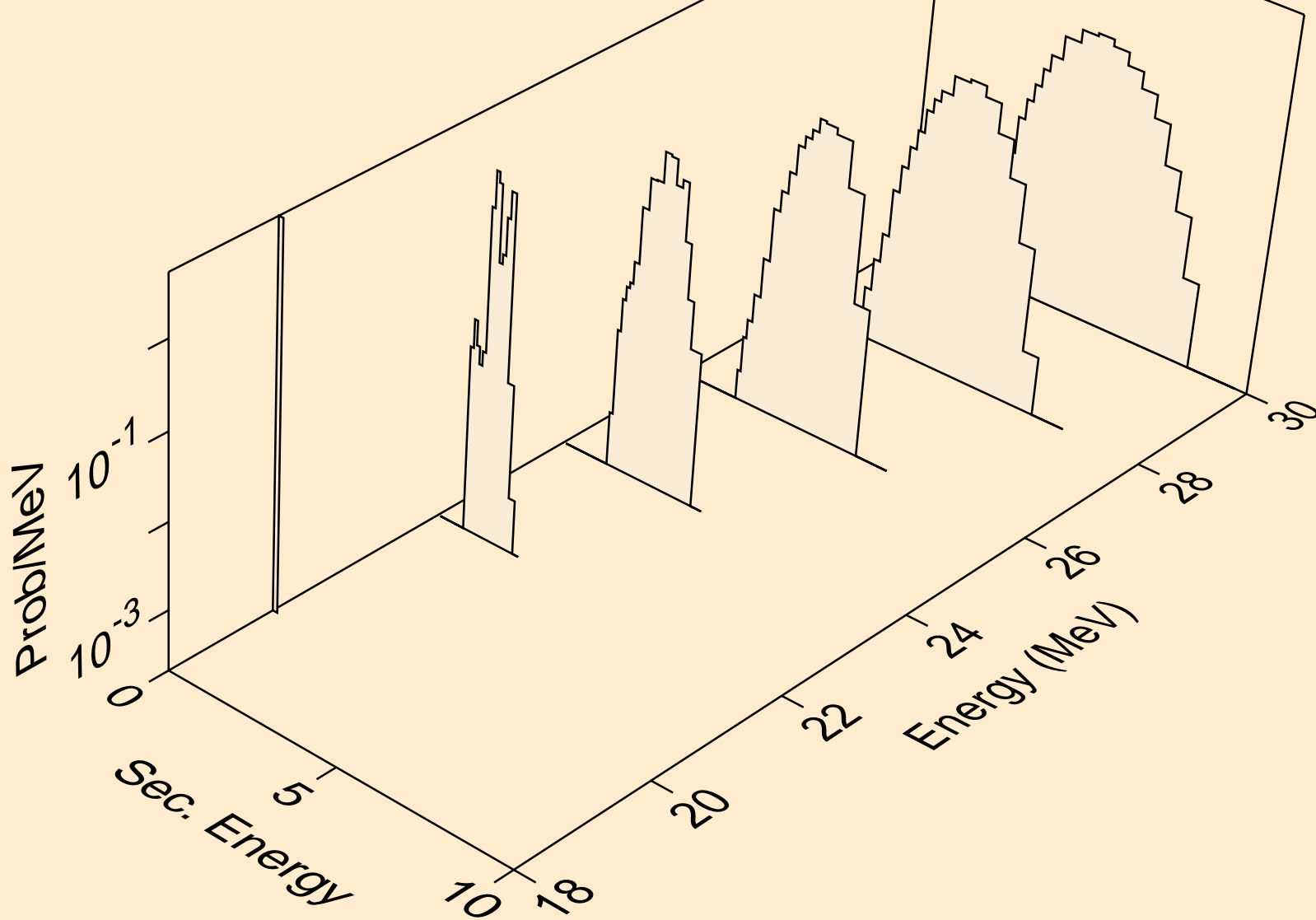
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



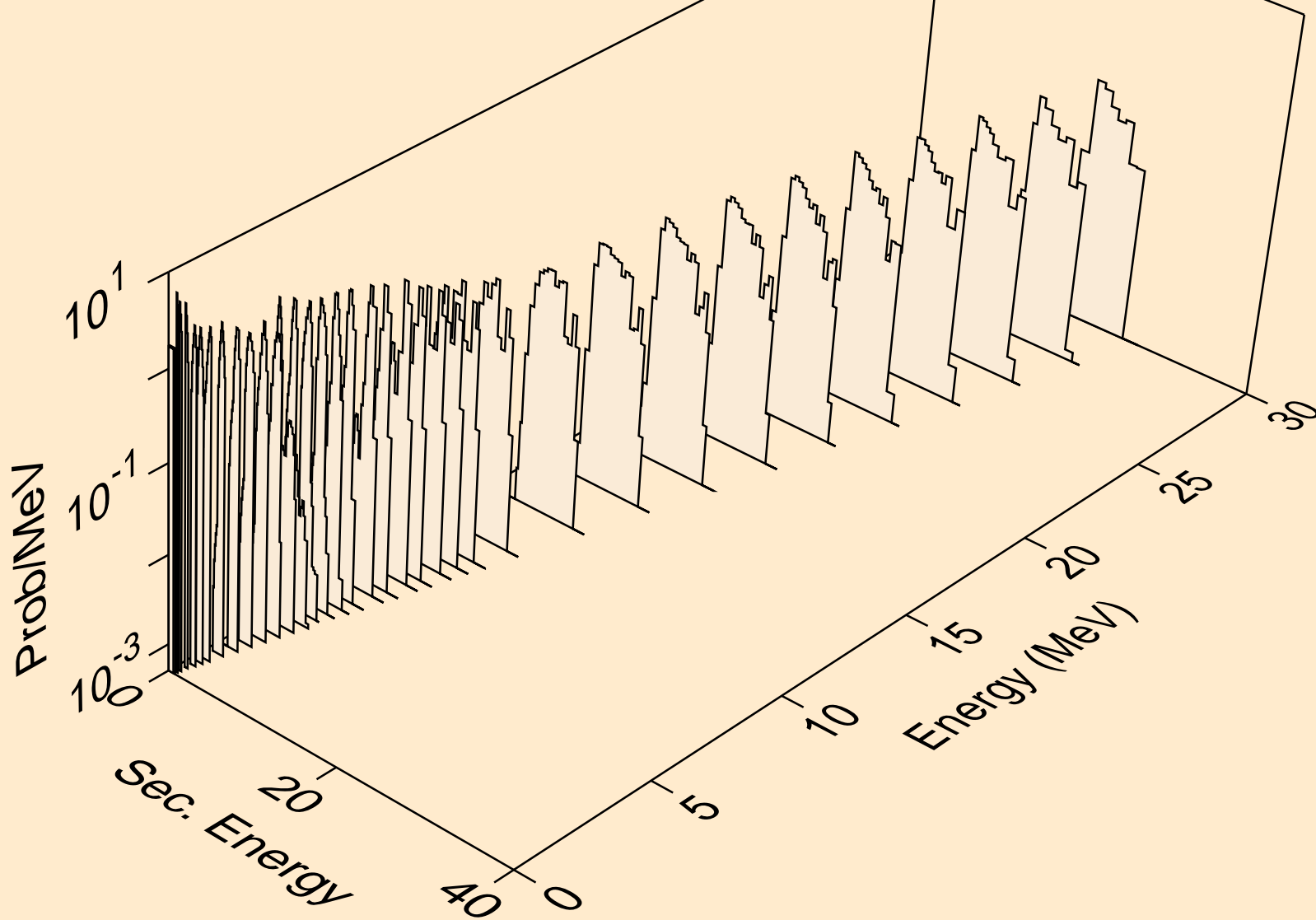
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



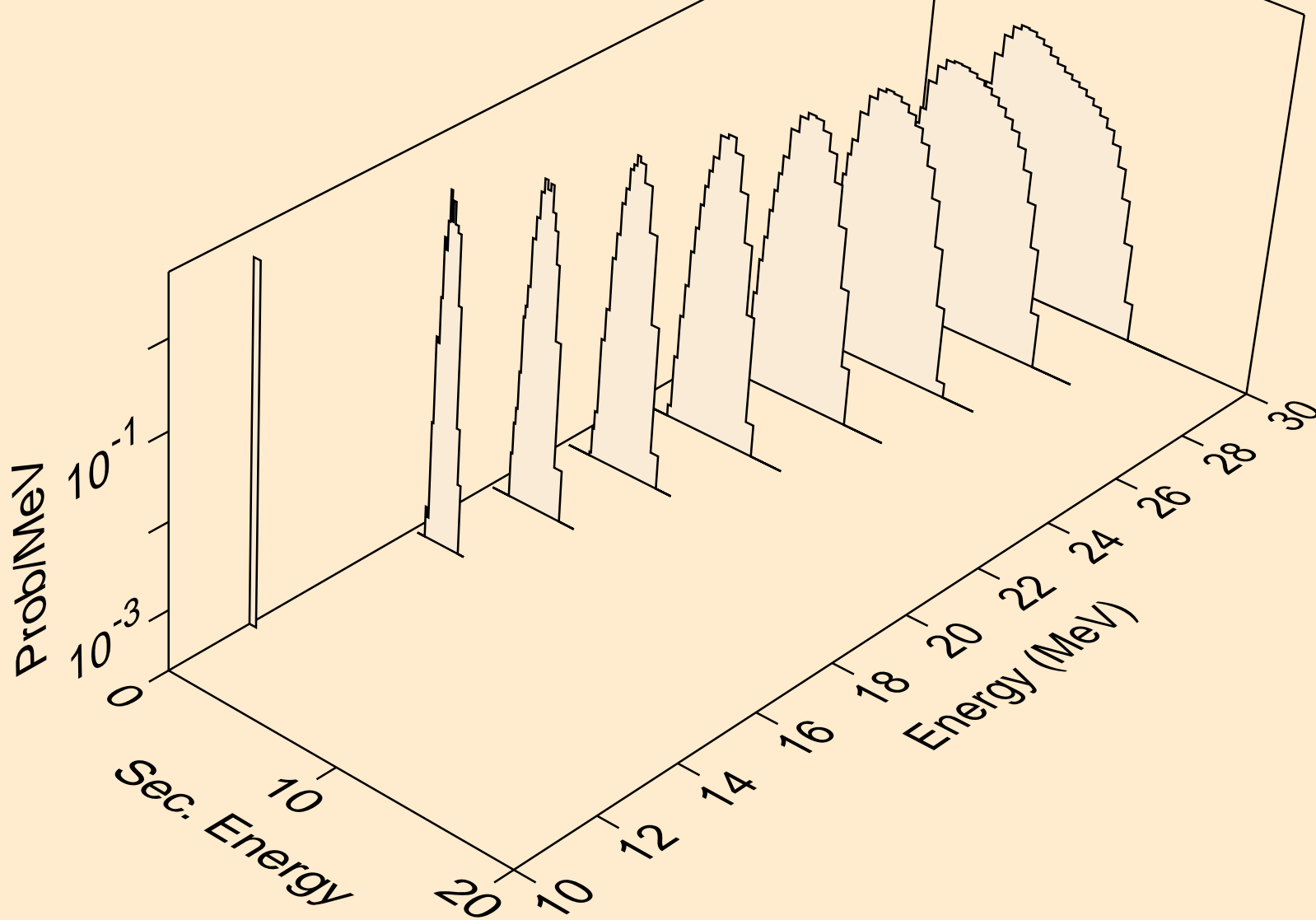
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



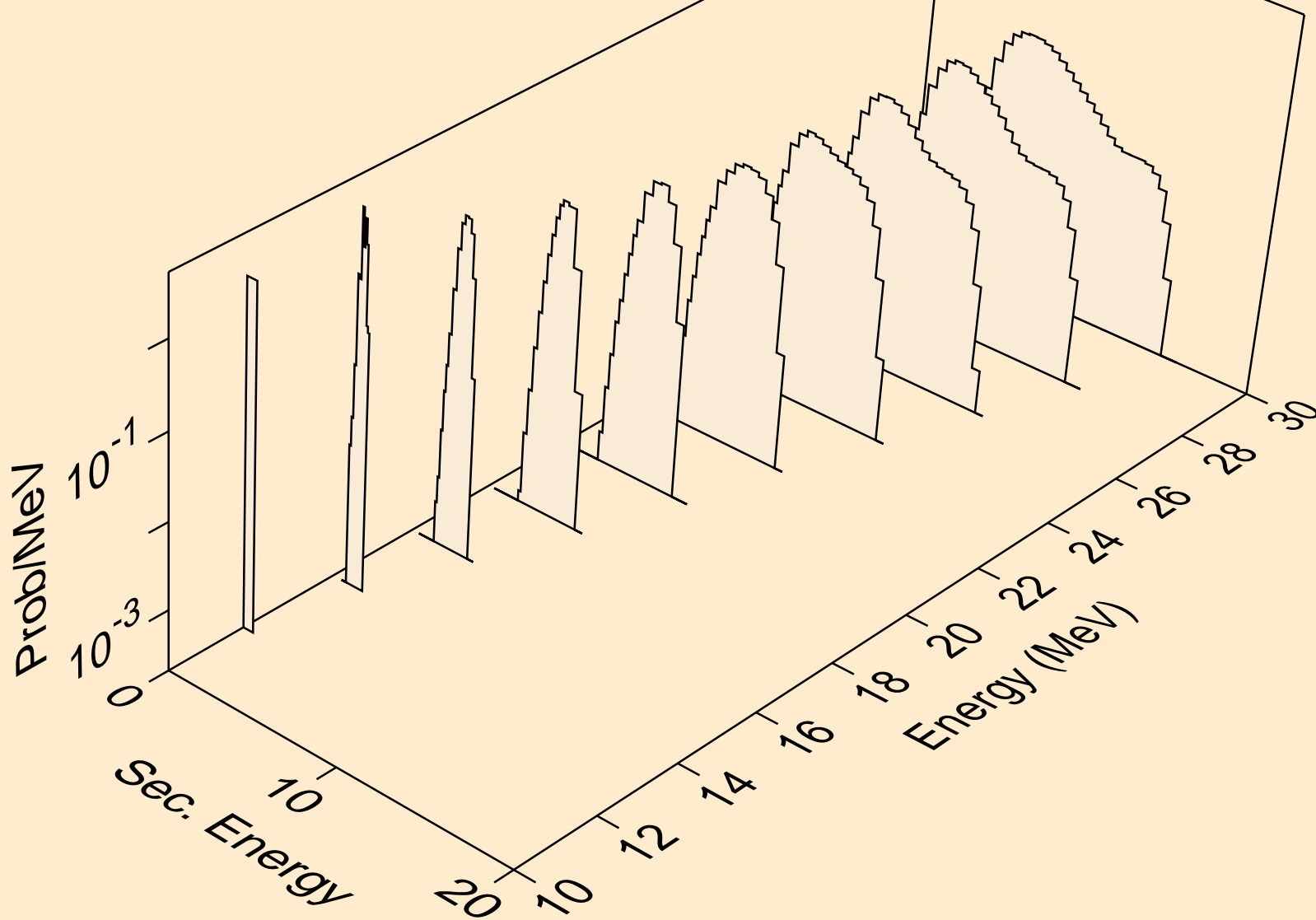
CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



CL038 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

