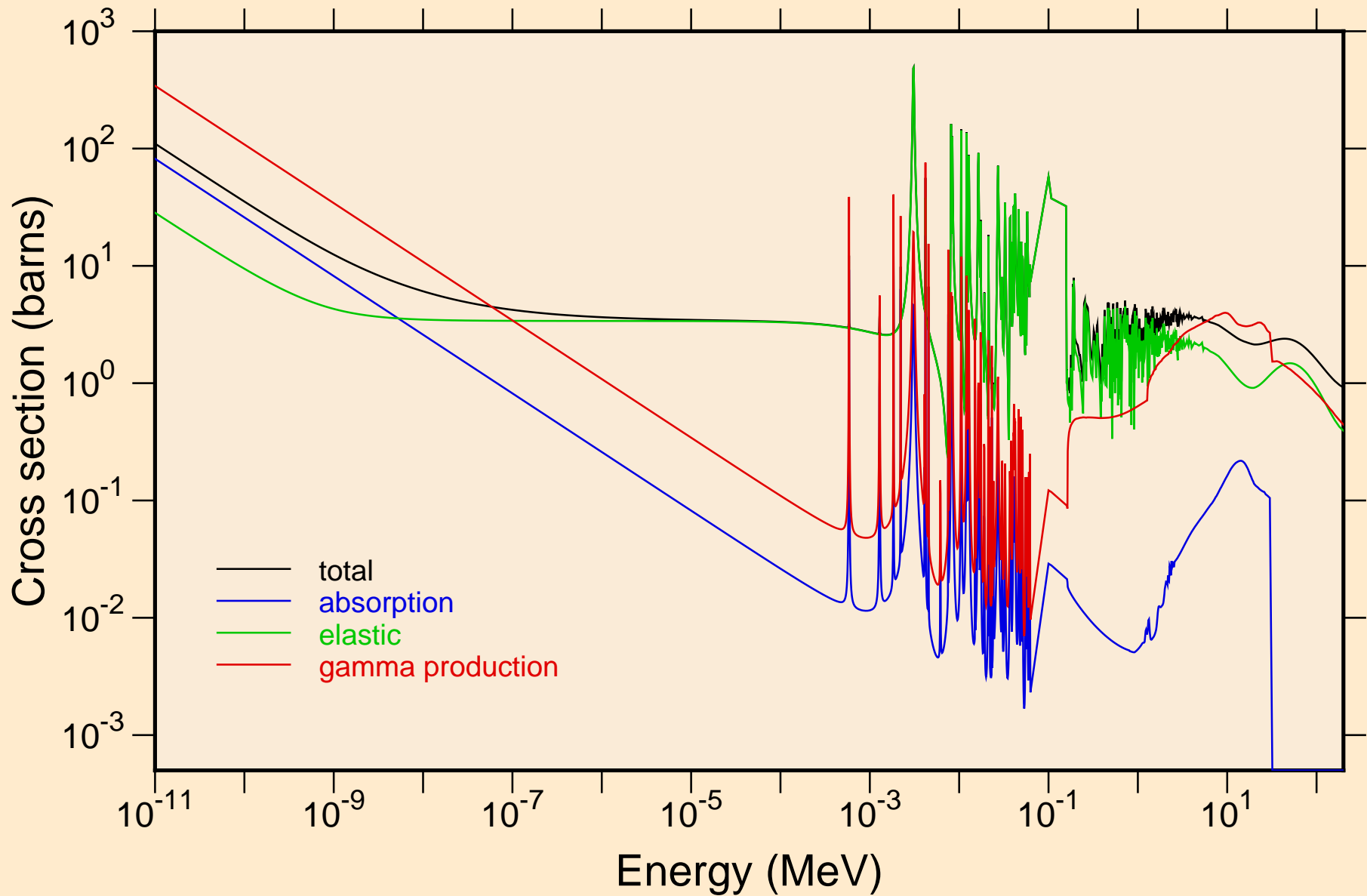
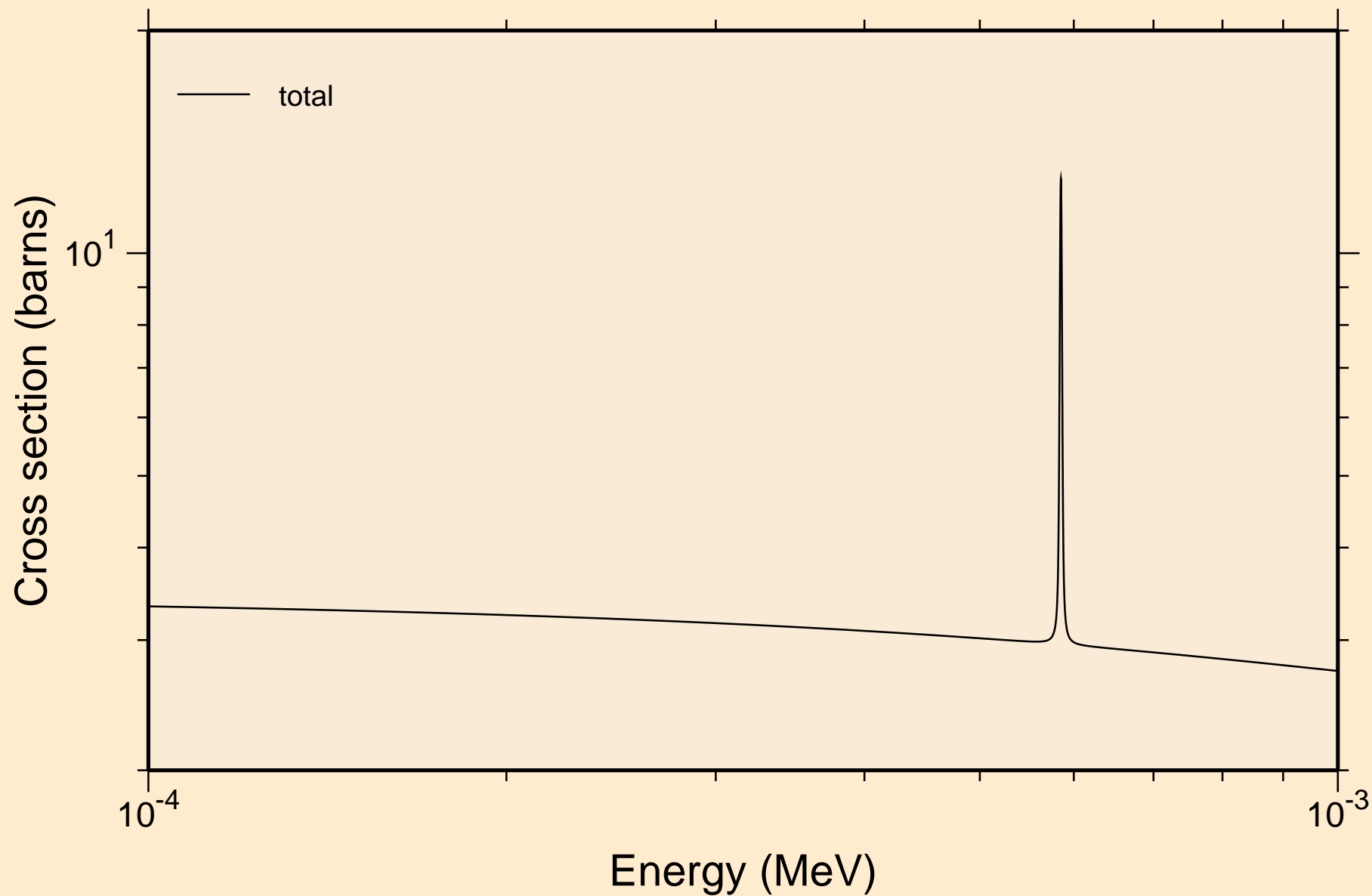


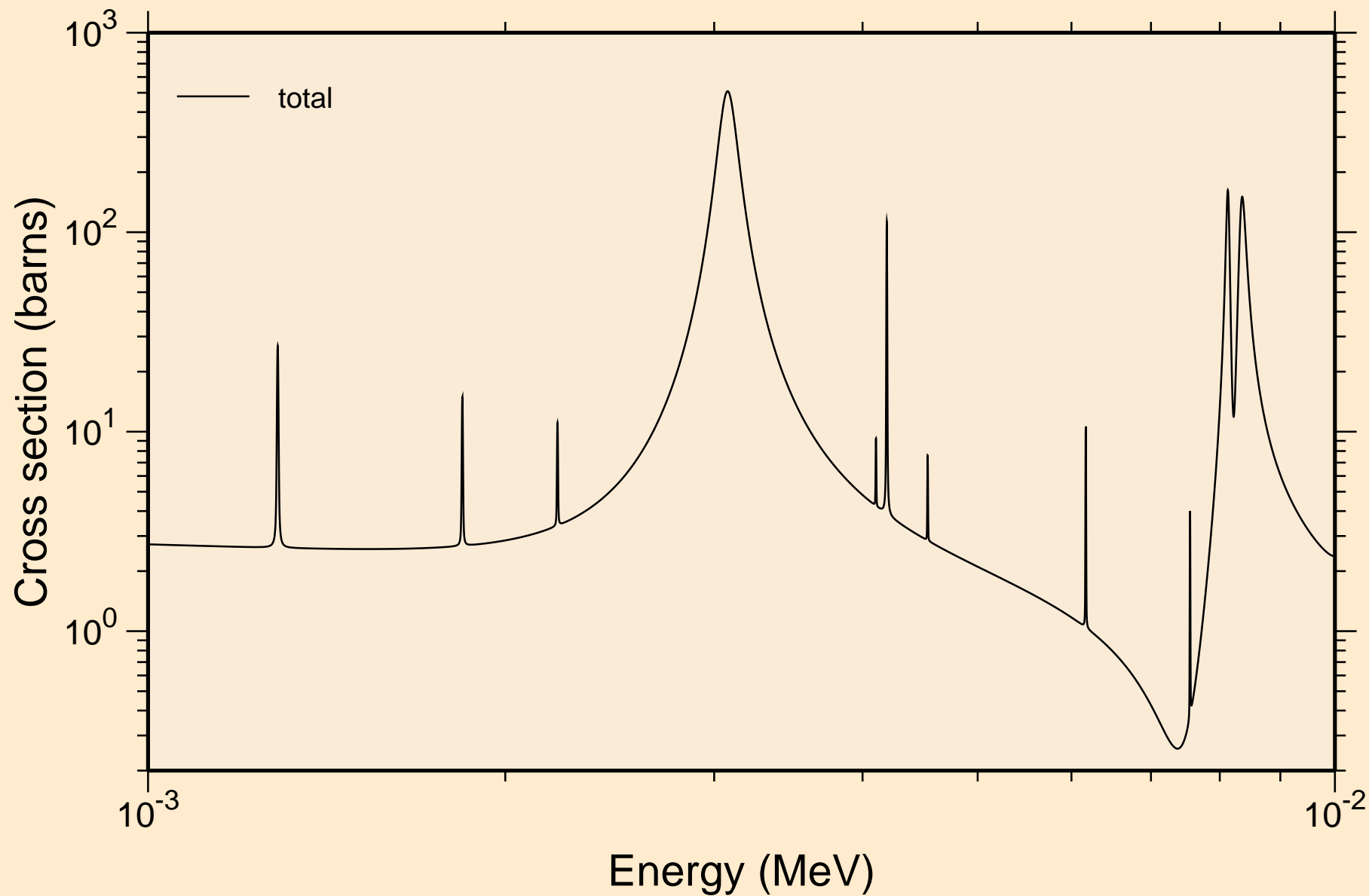
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



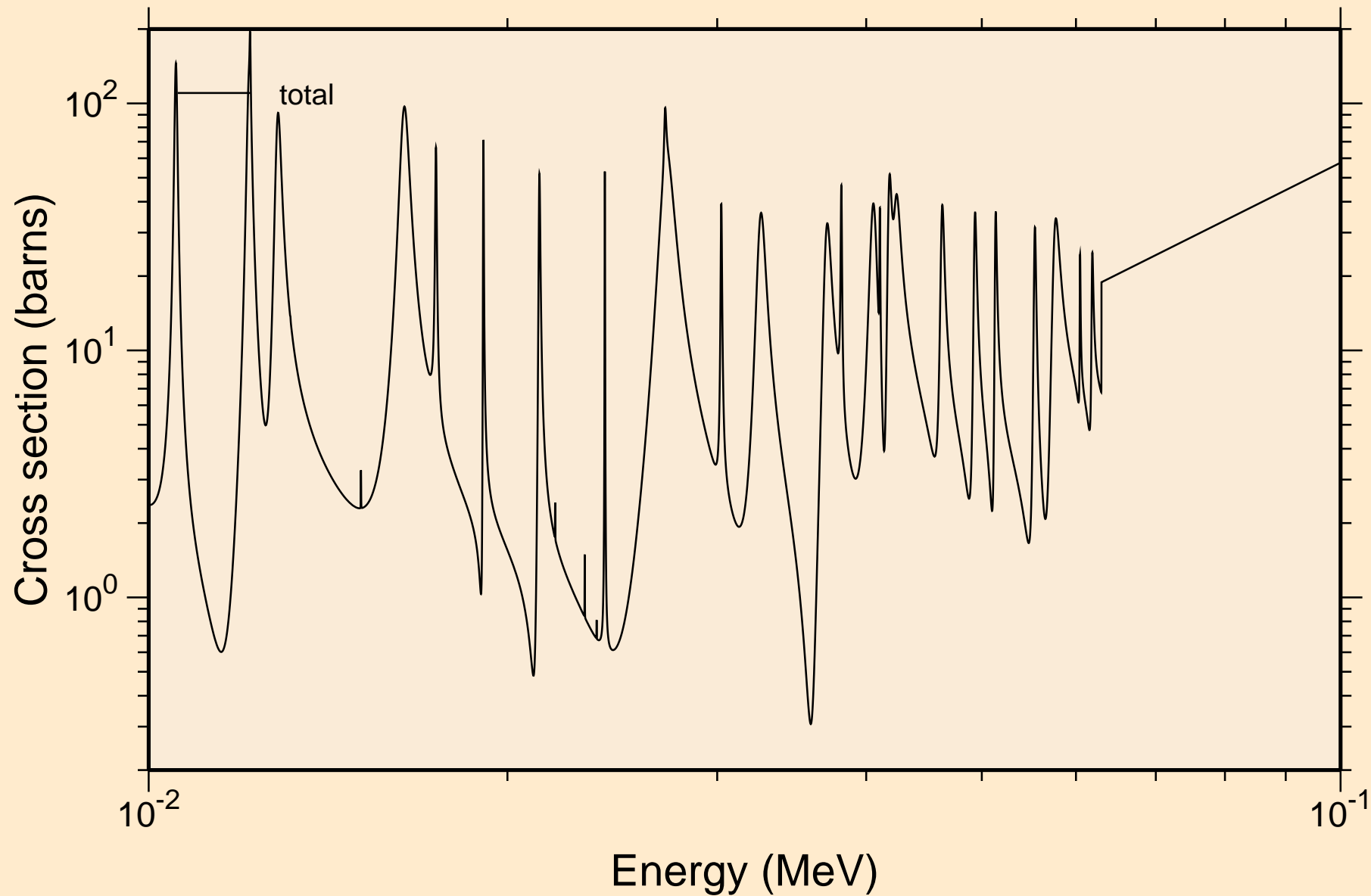
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



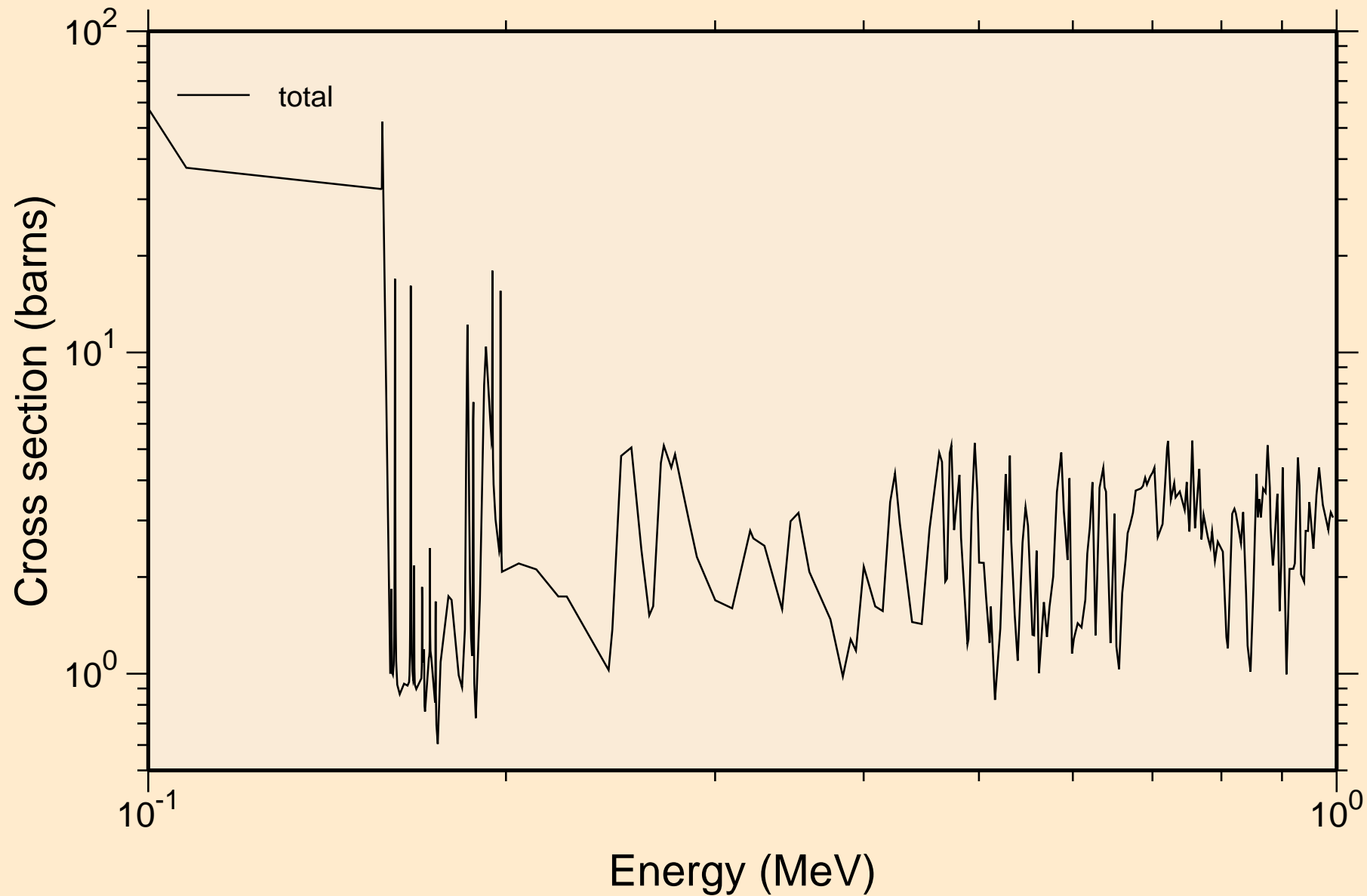
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



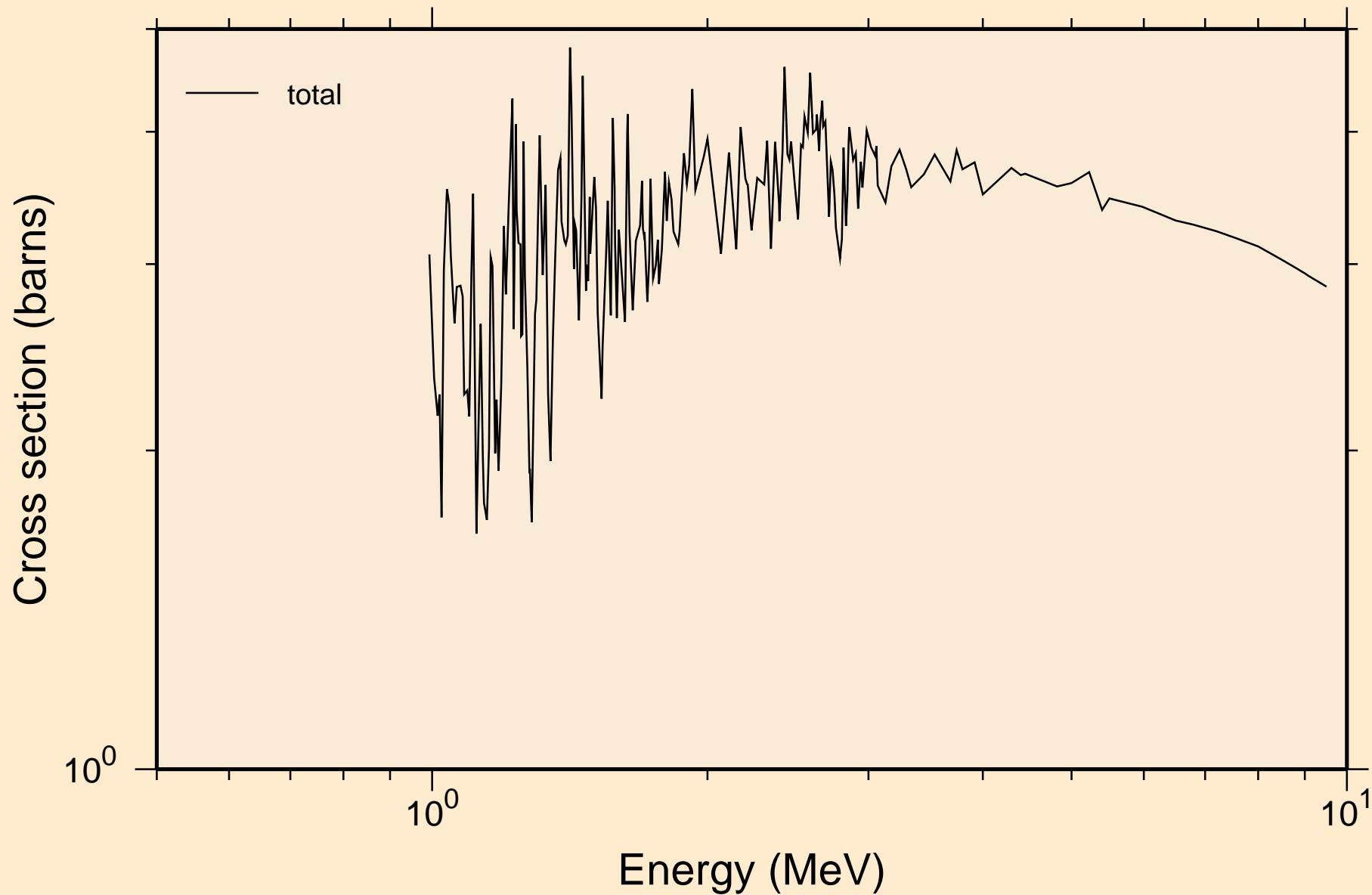
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



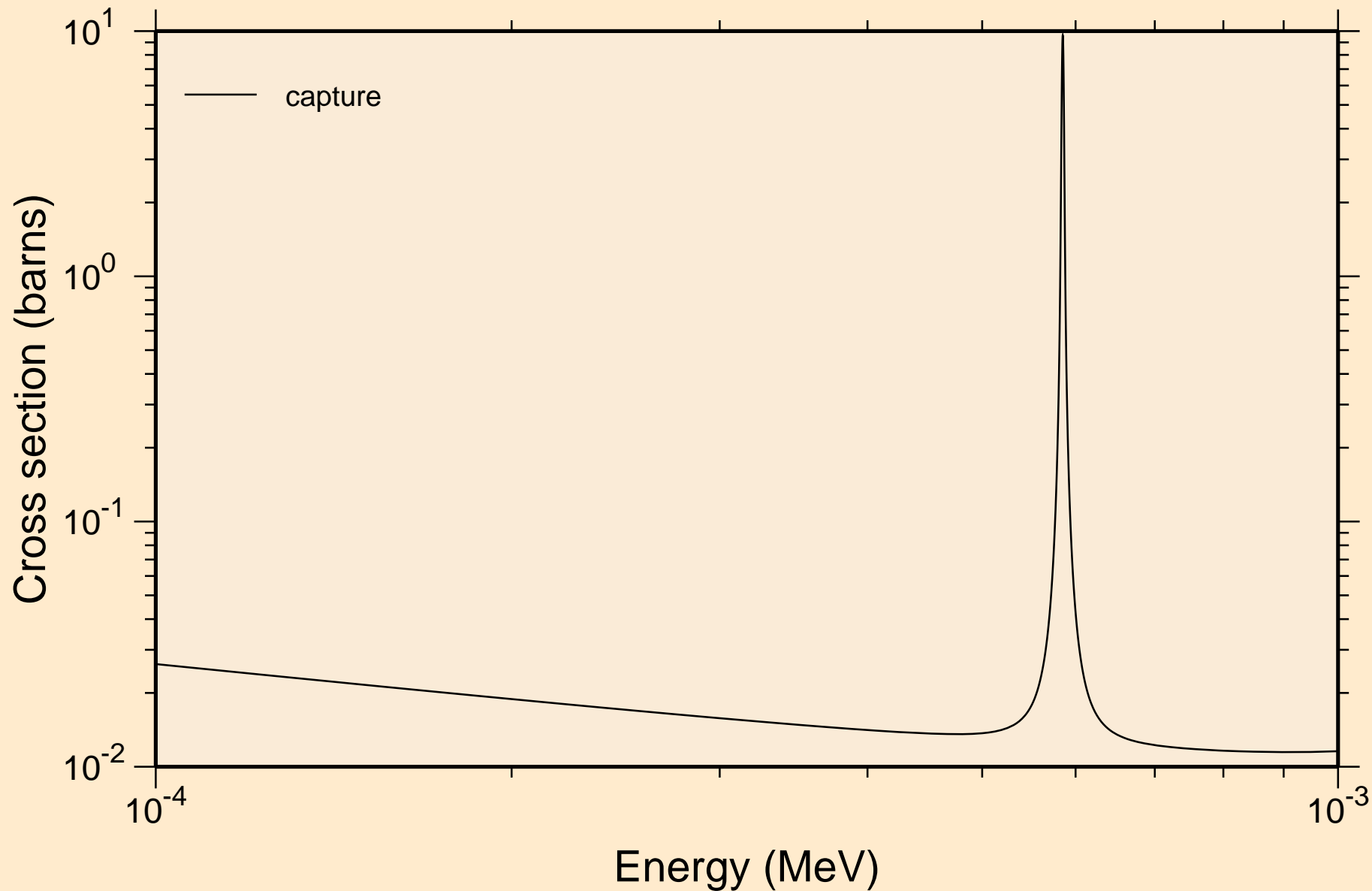
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



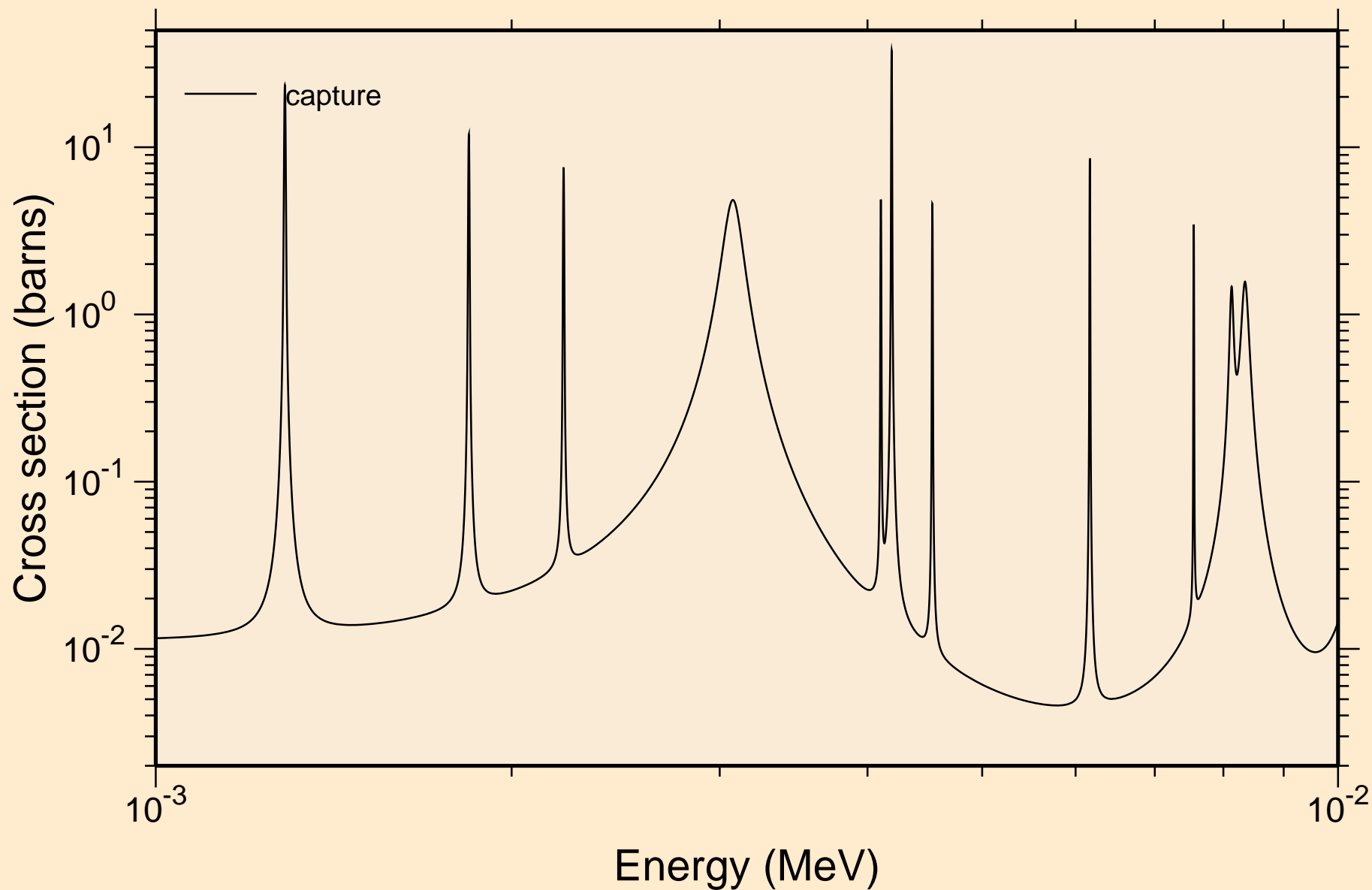
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



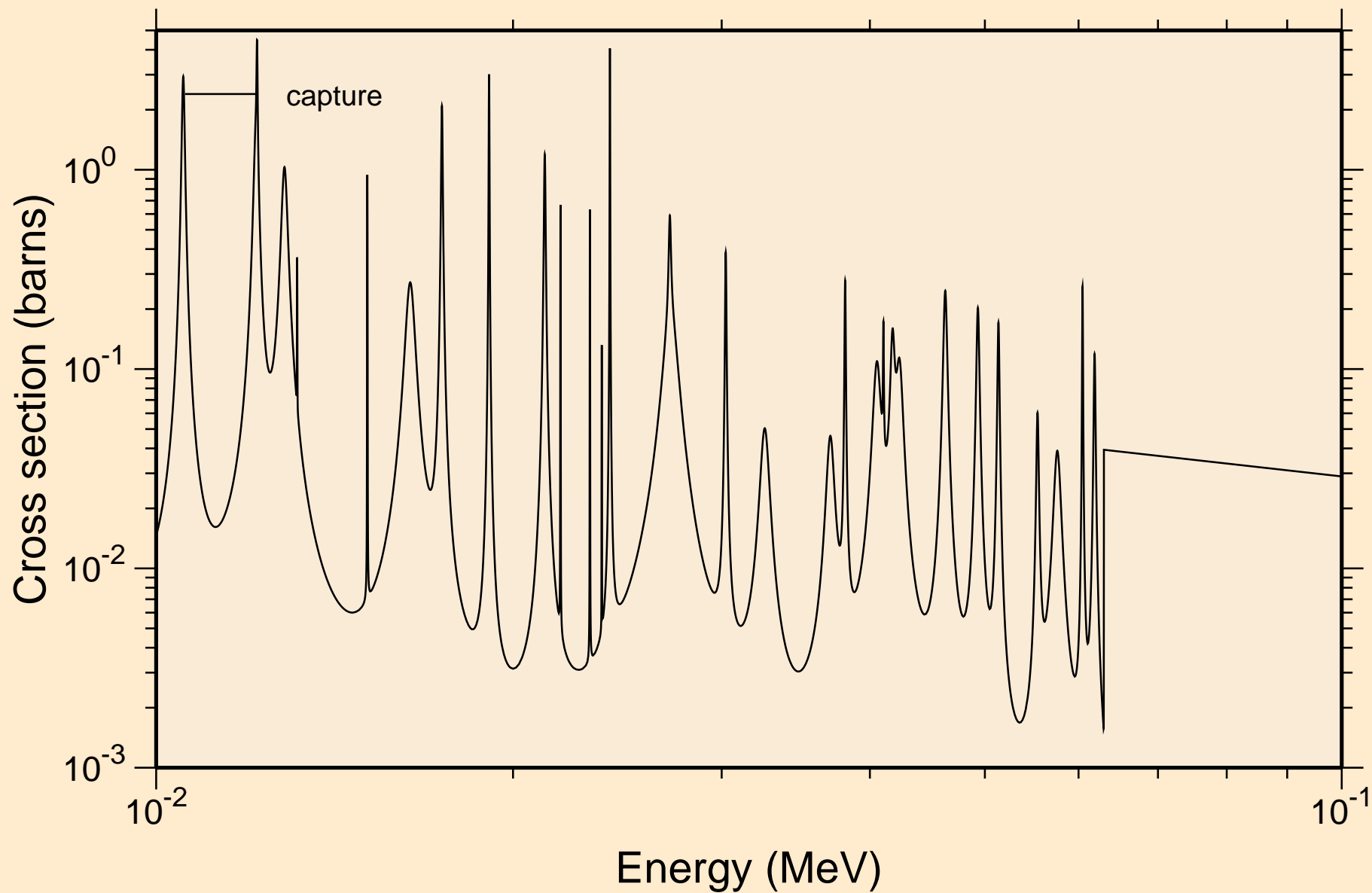
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



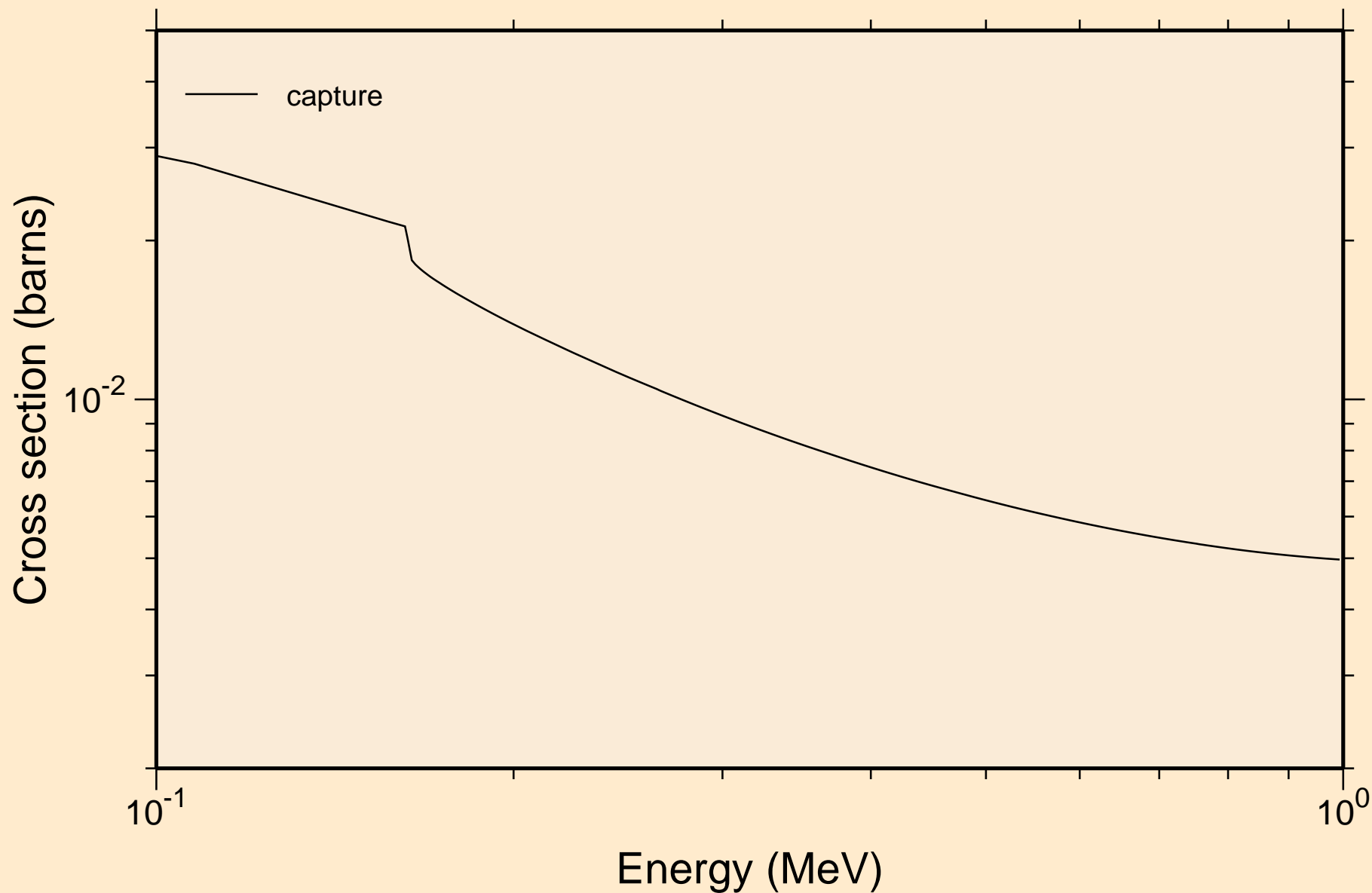
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



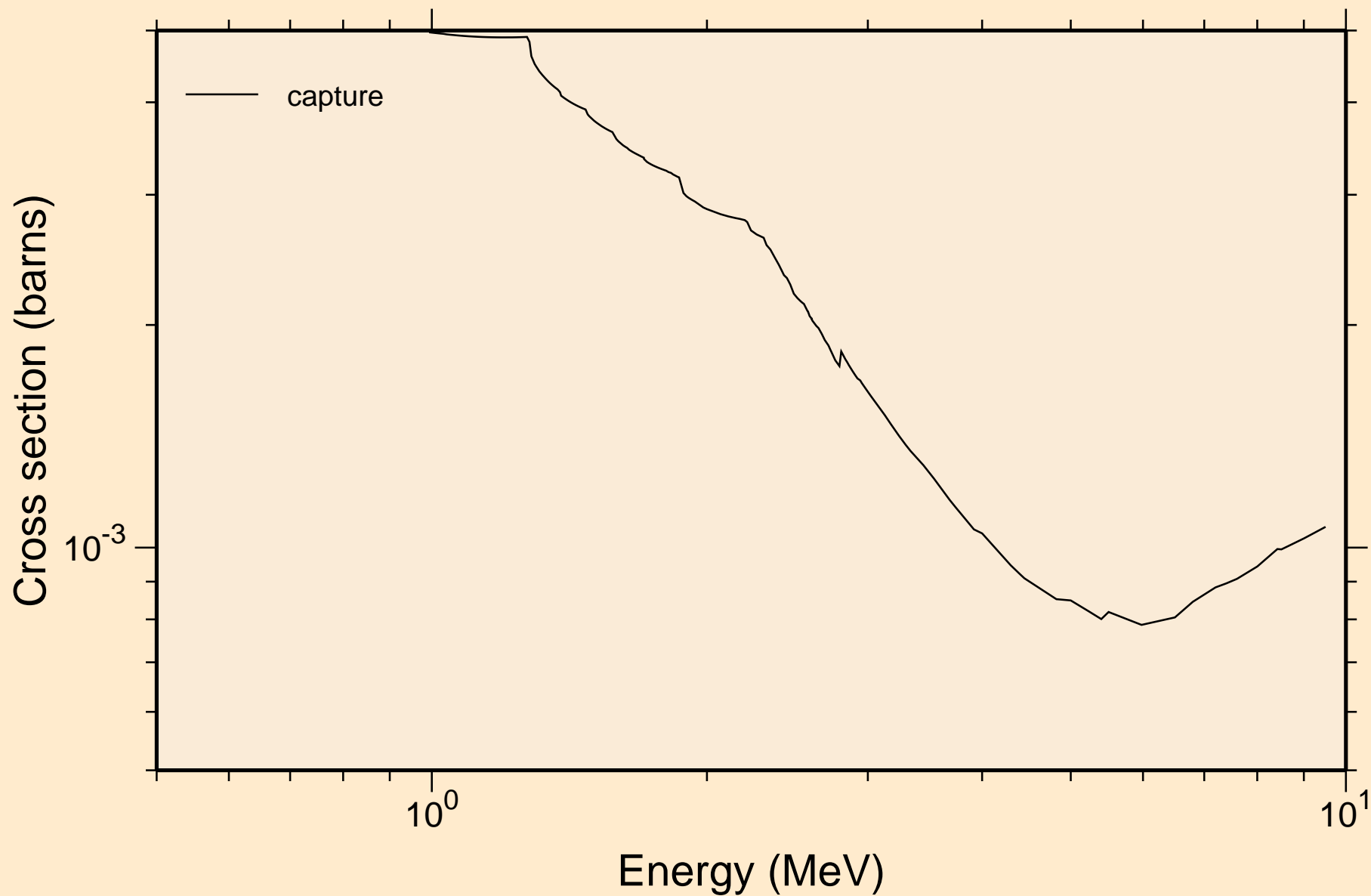
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



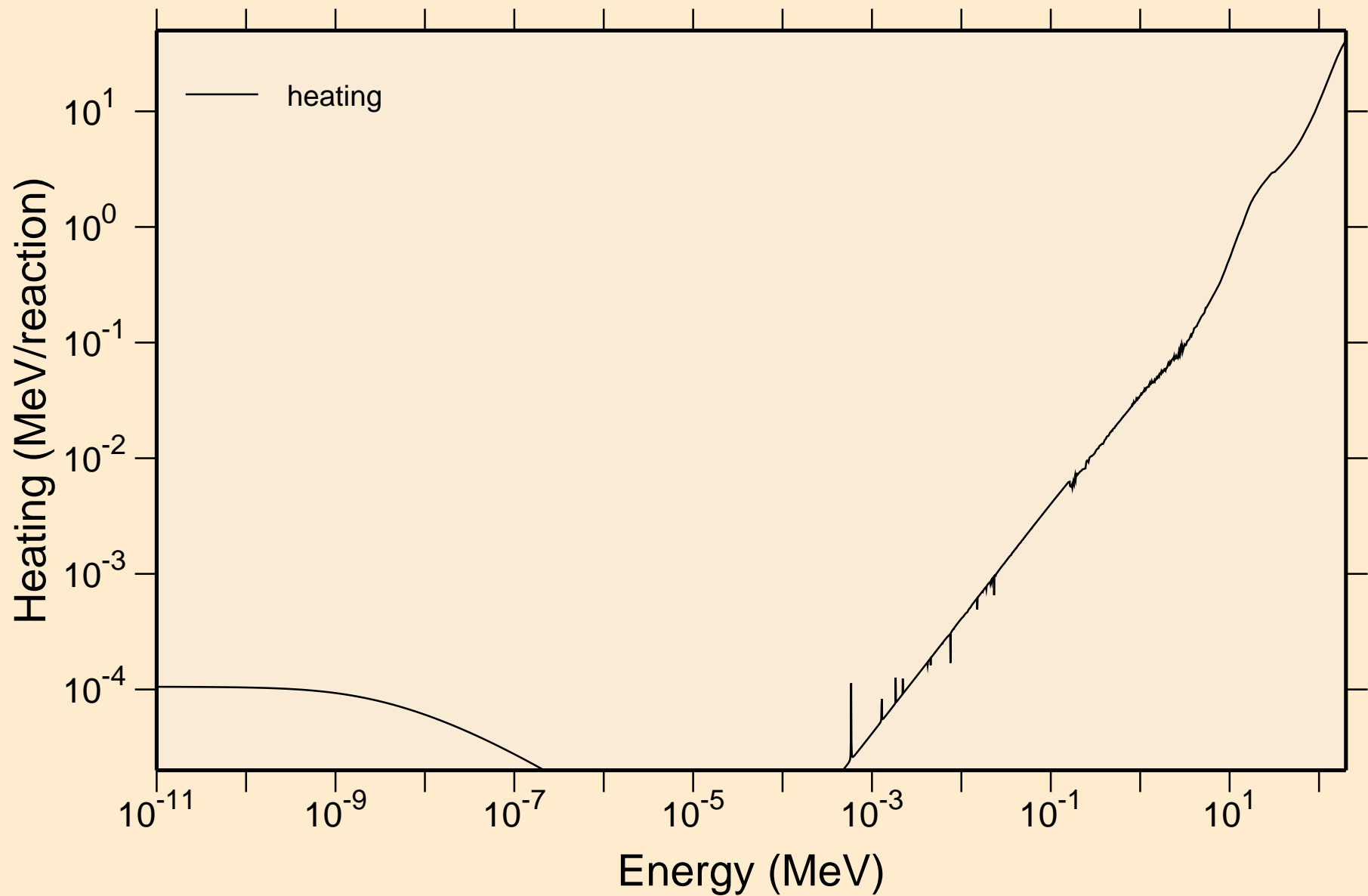
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



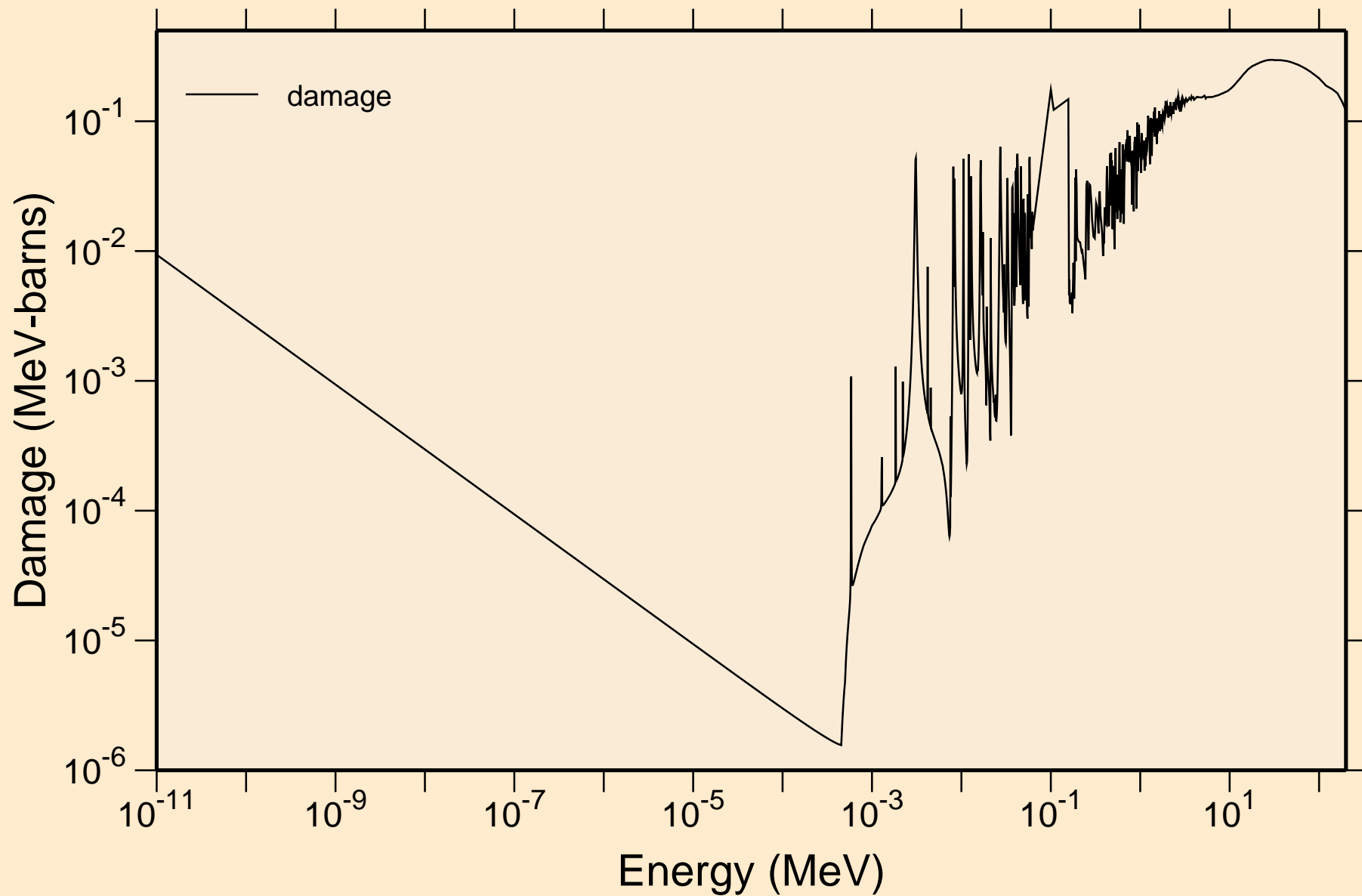
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



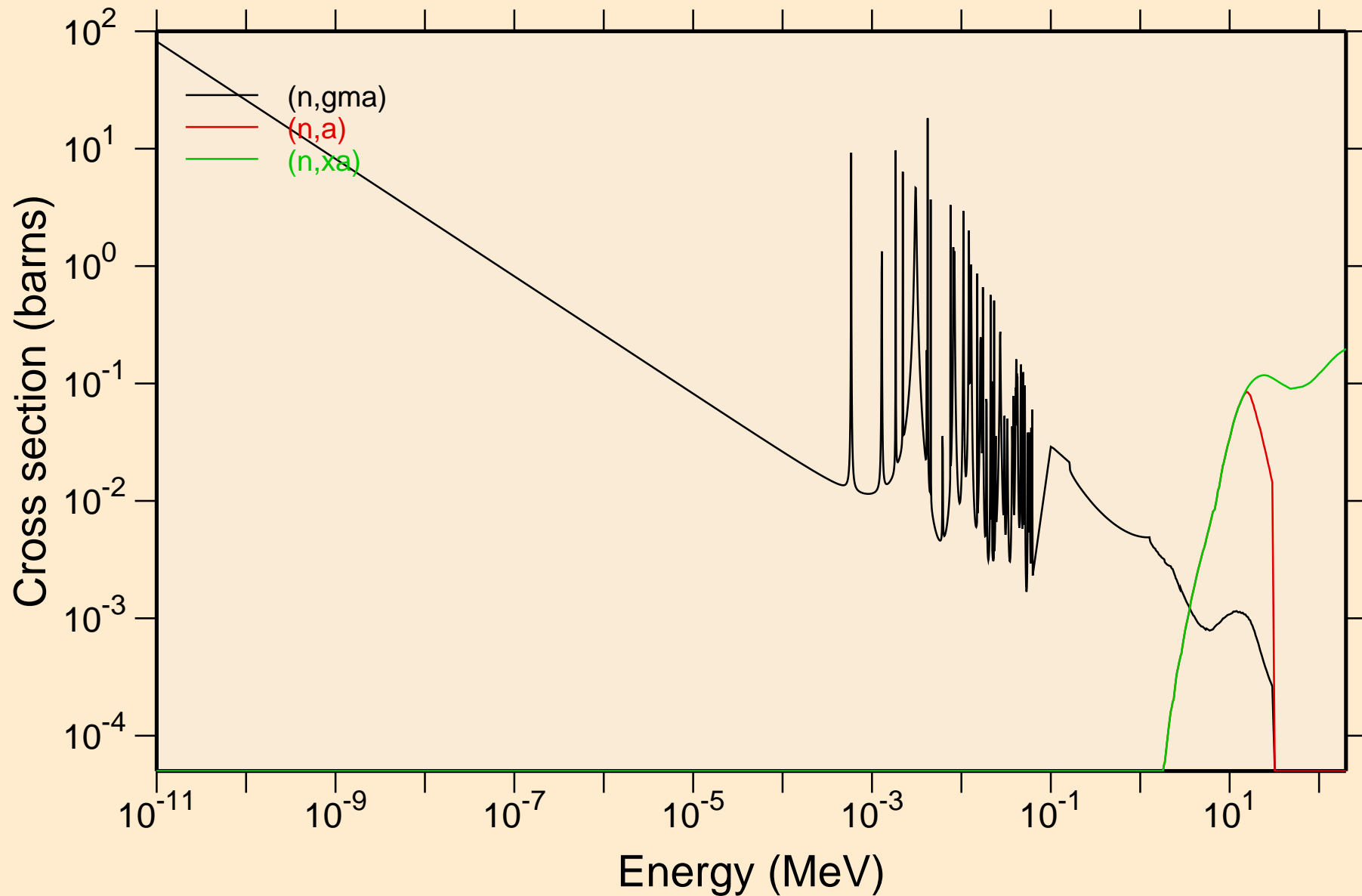
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



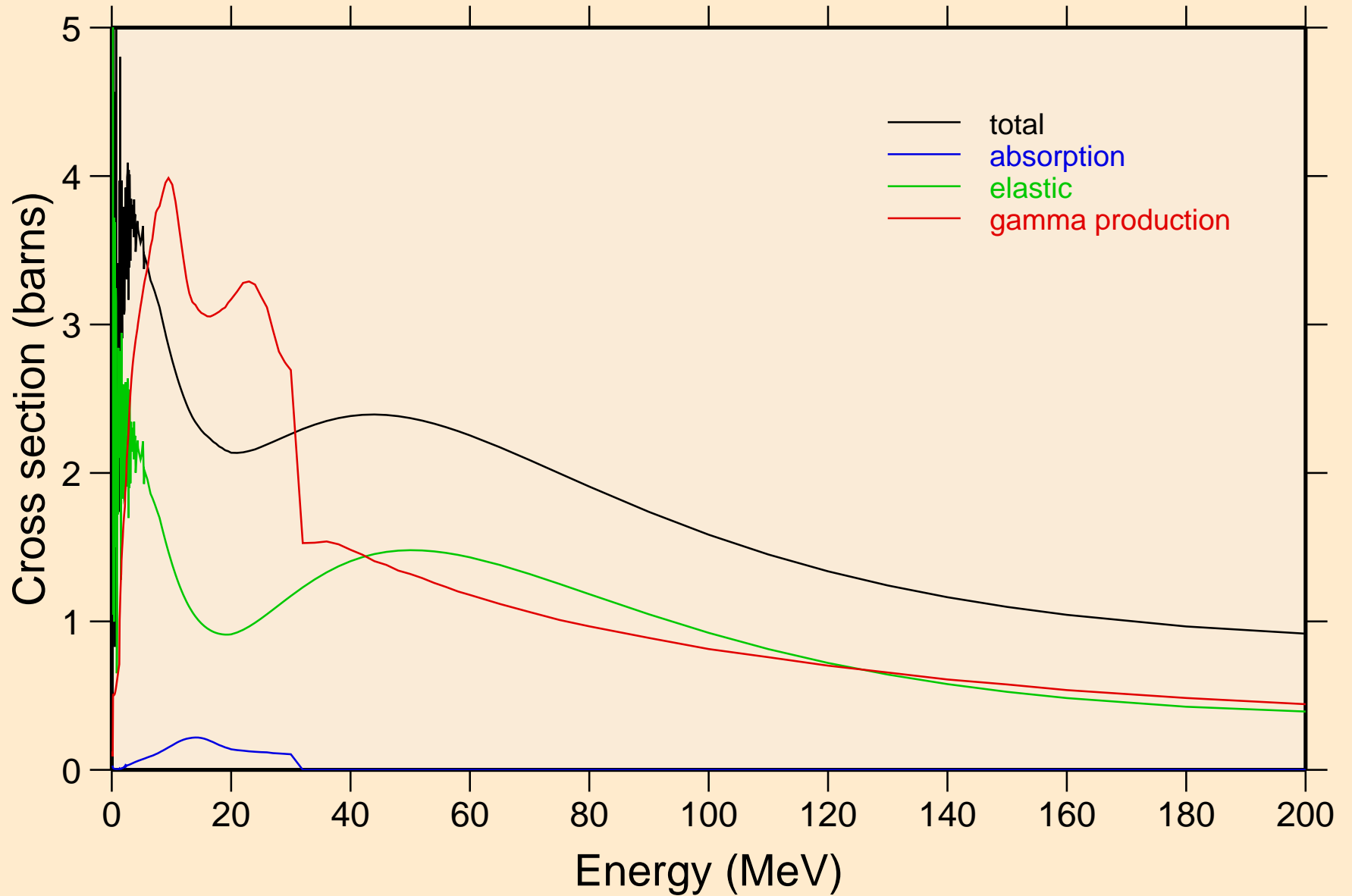
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



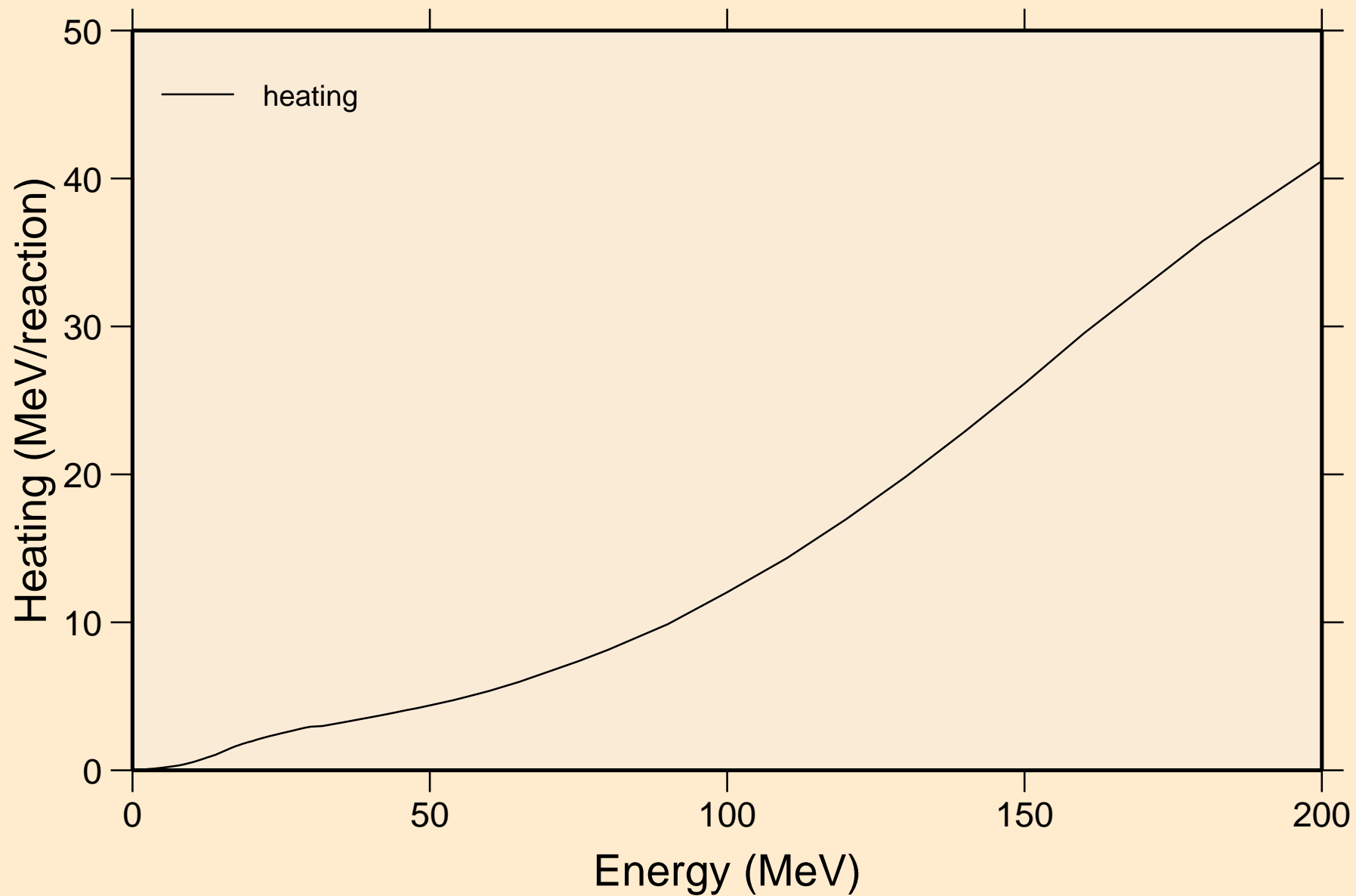
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



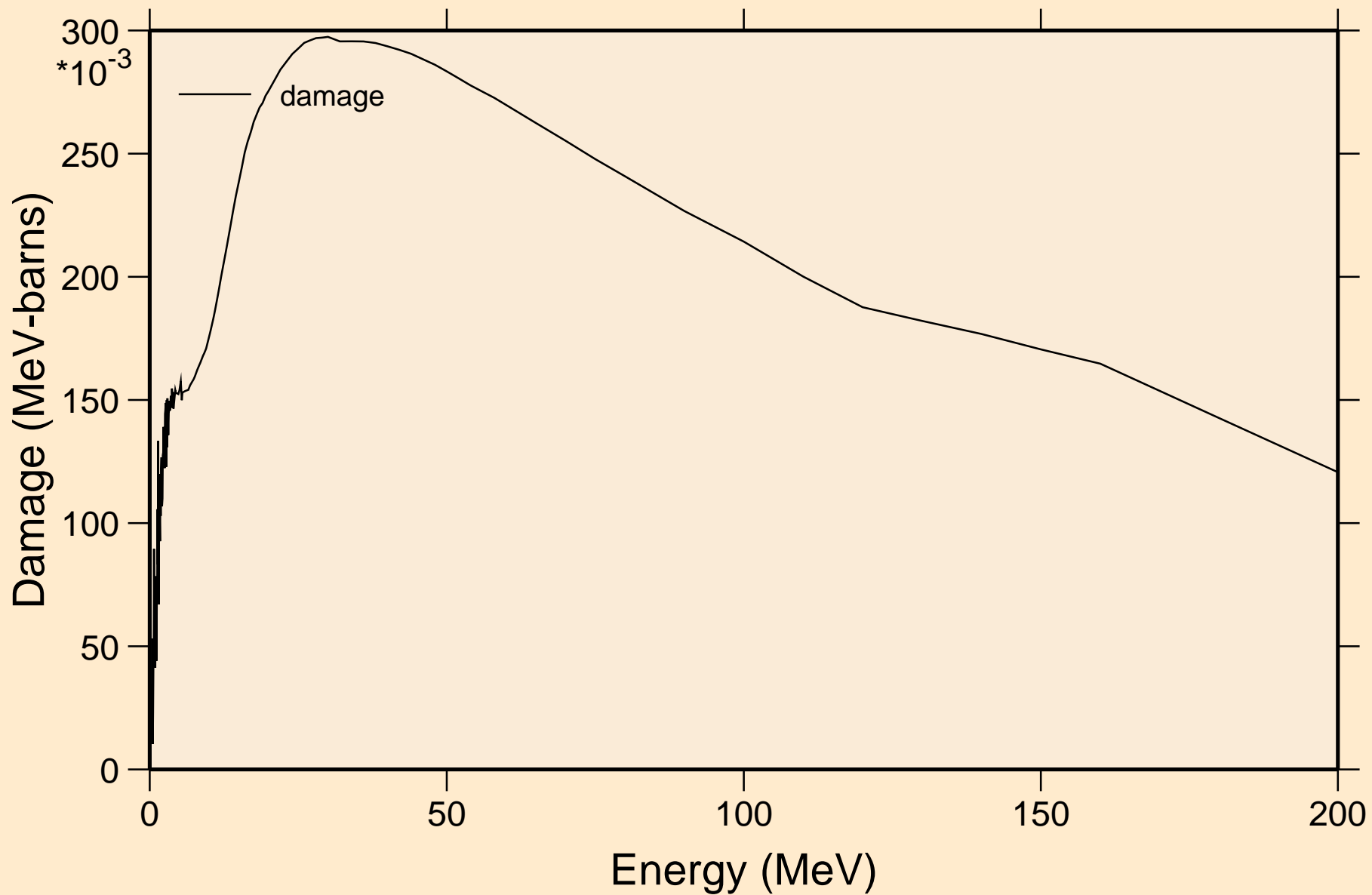
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



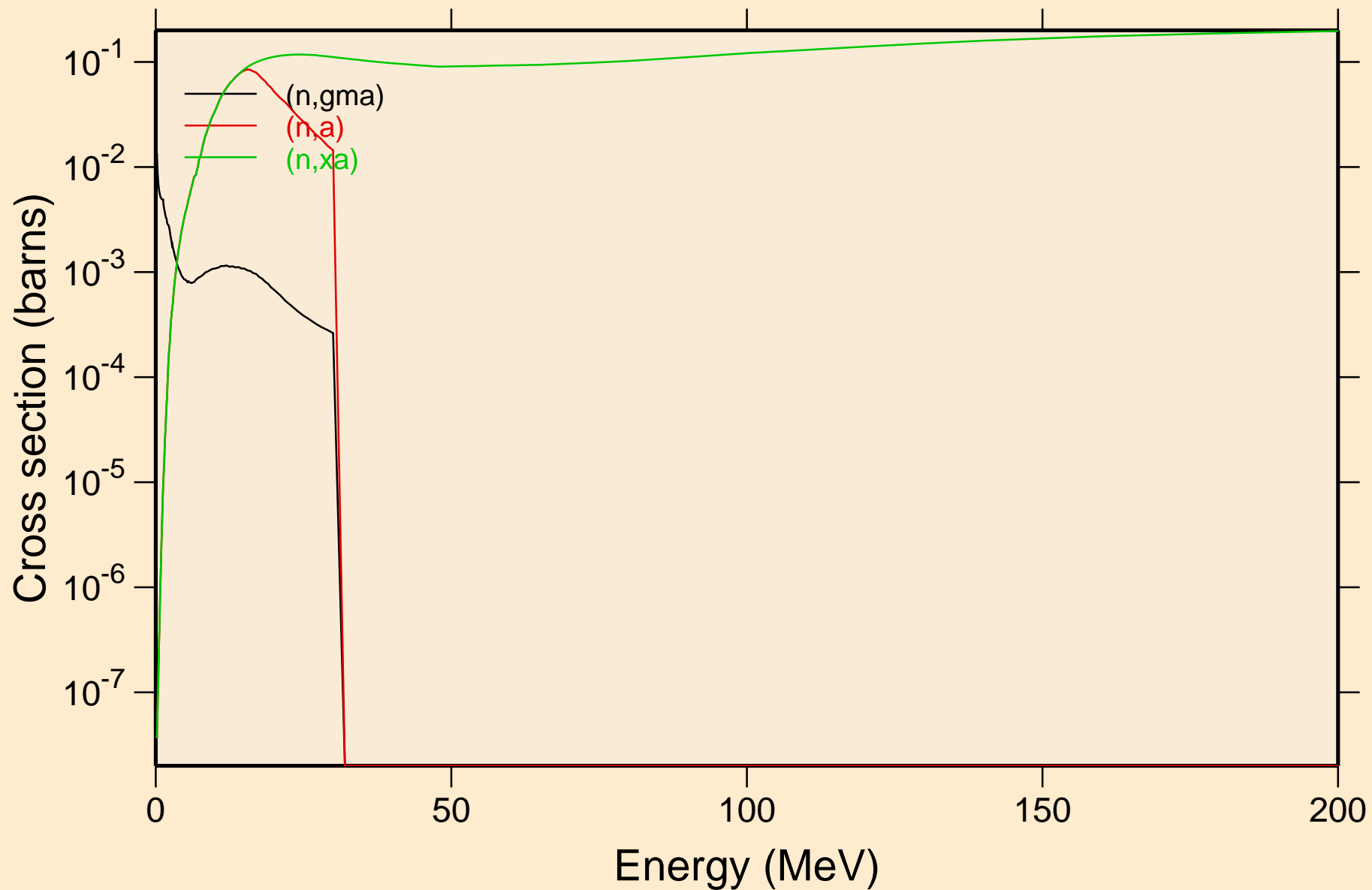
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



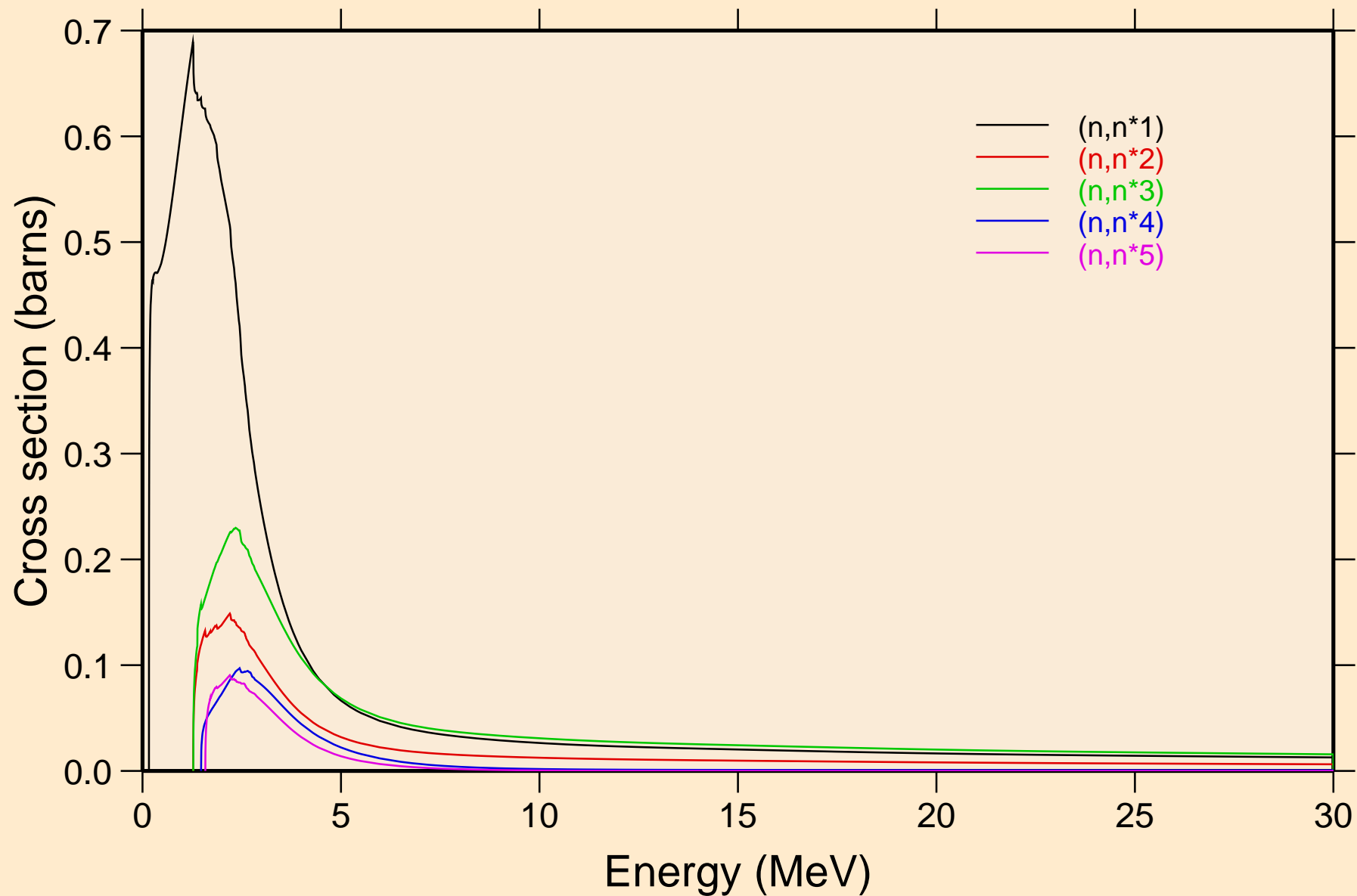
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



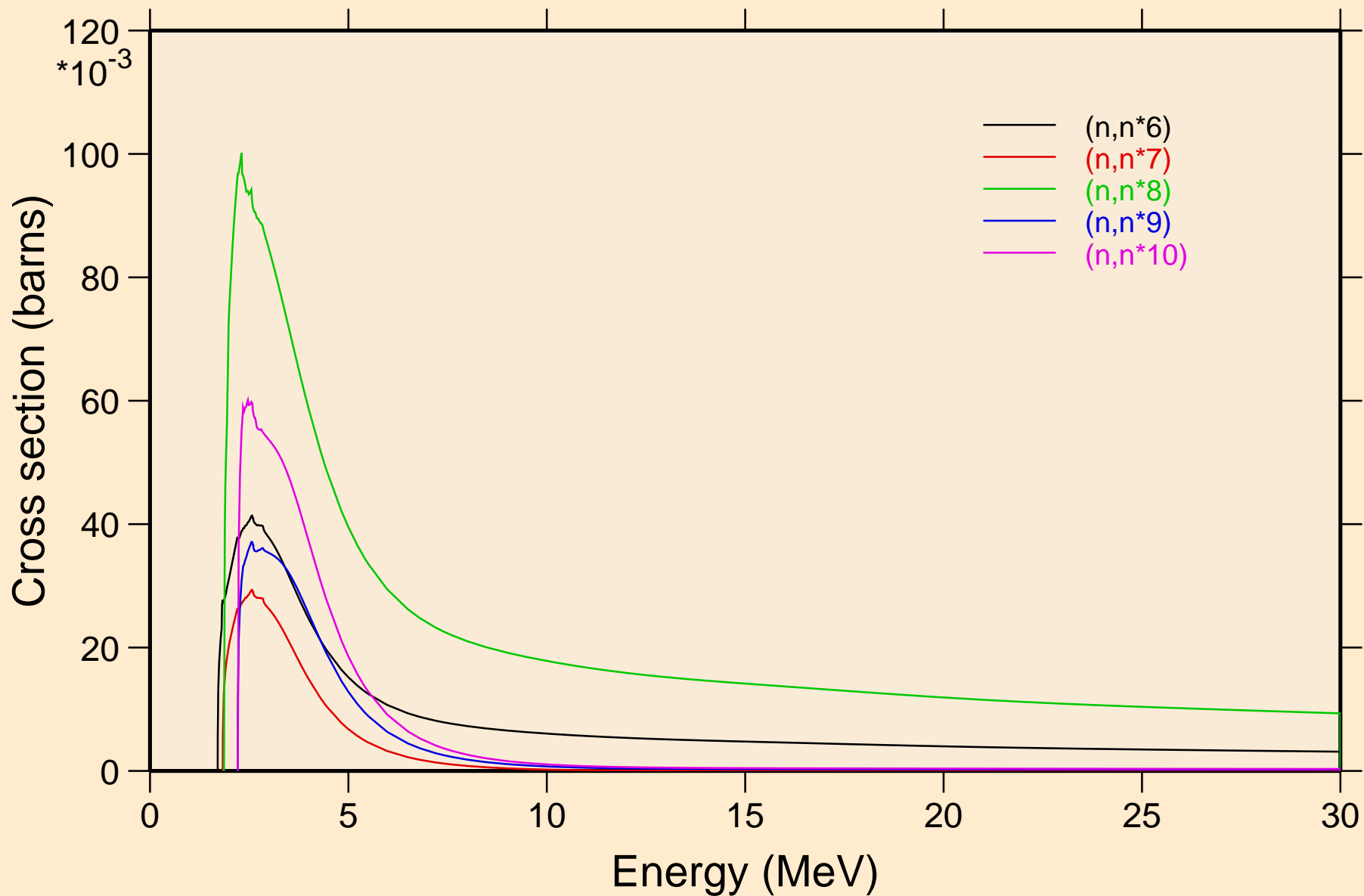
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



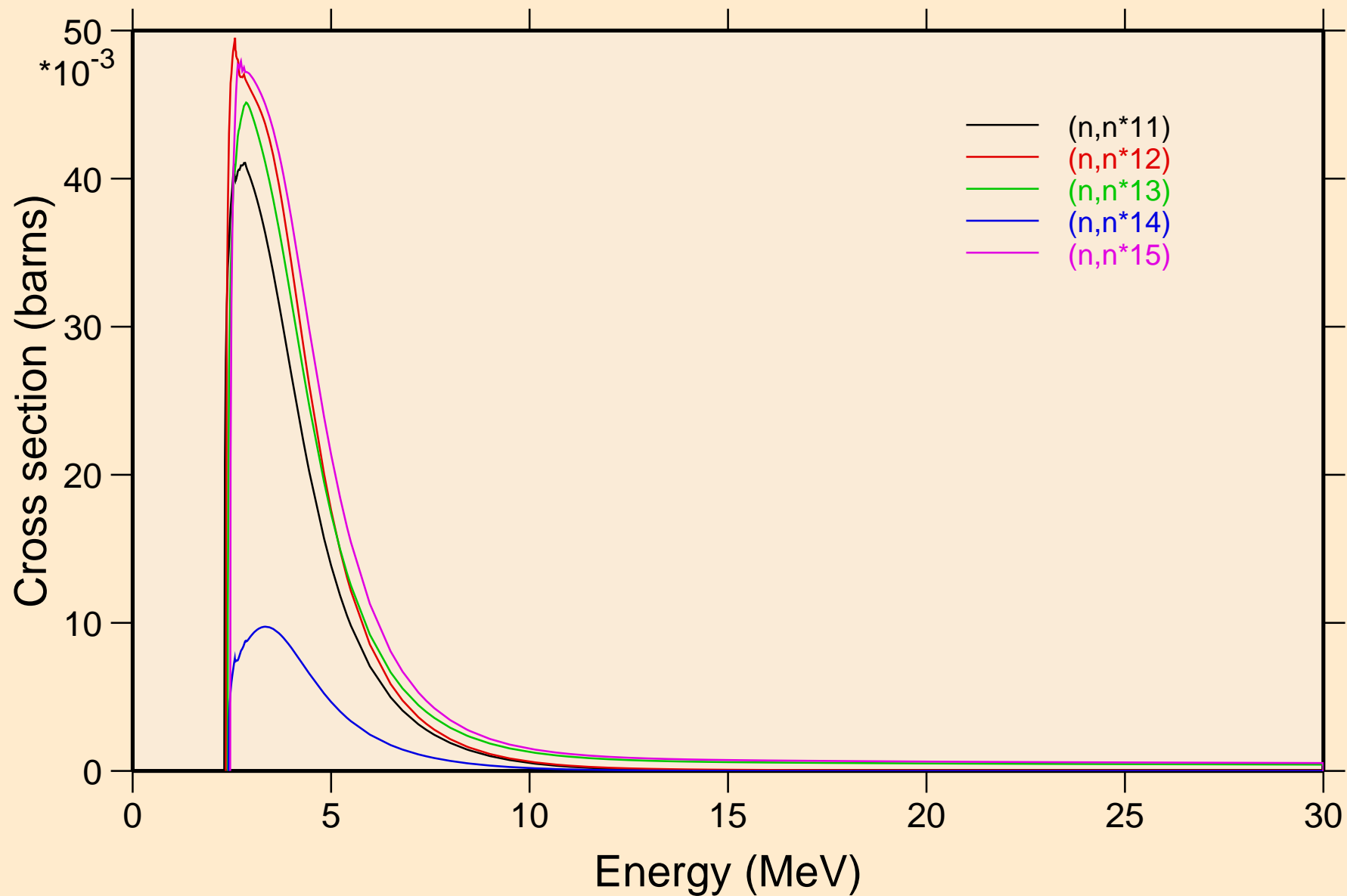
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



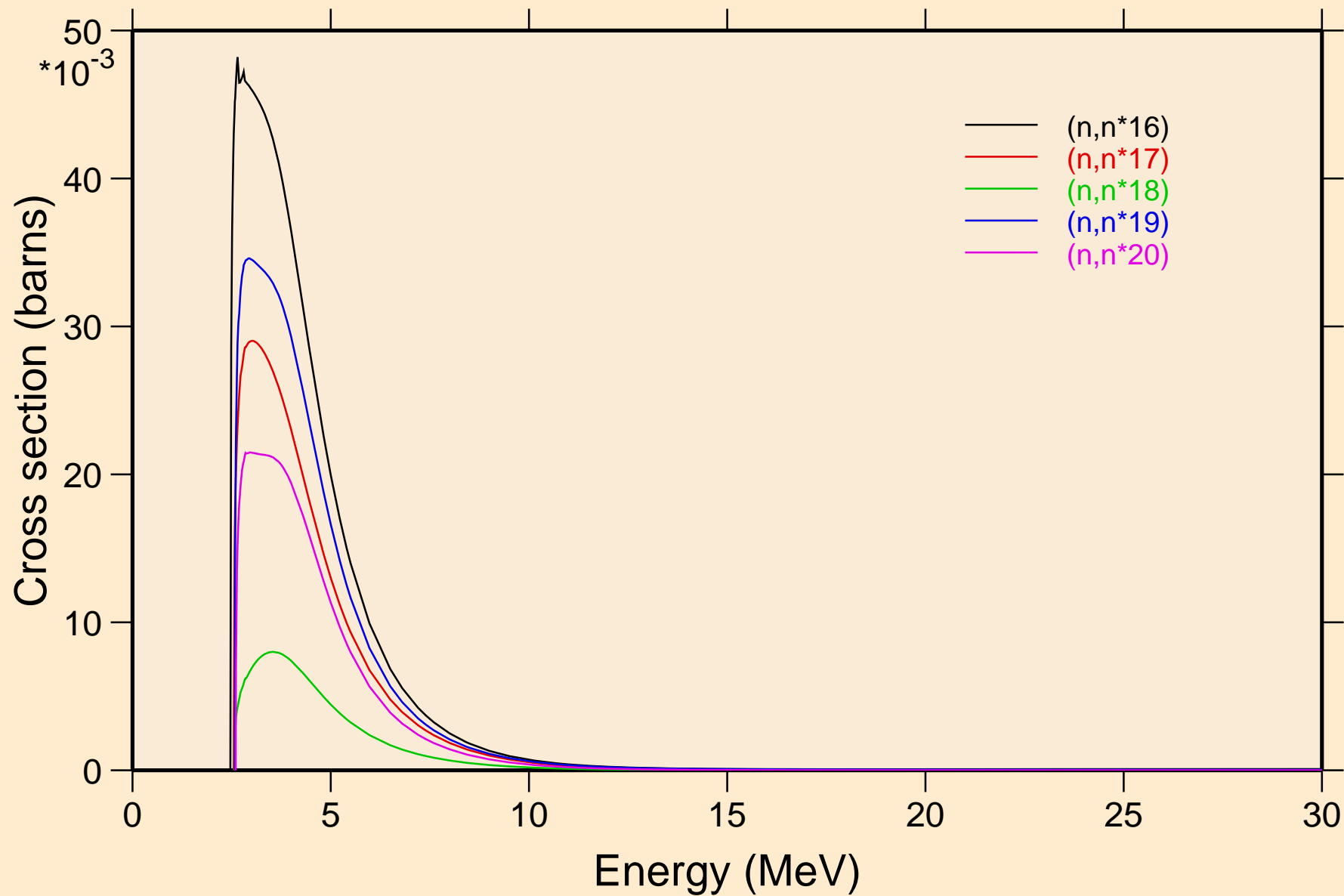
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



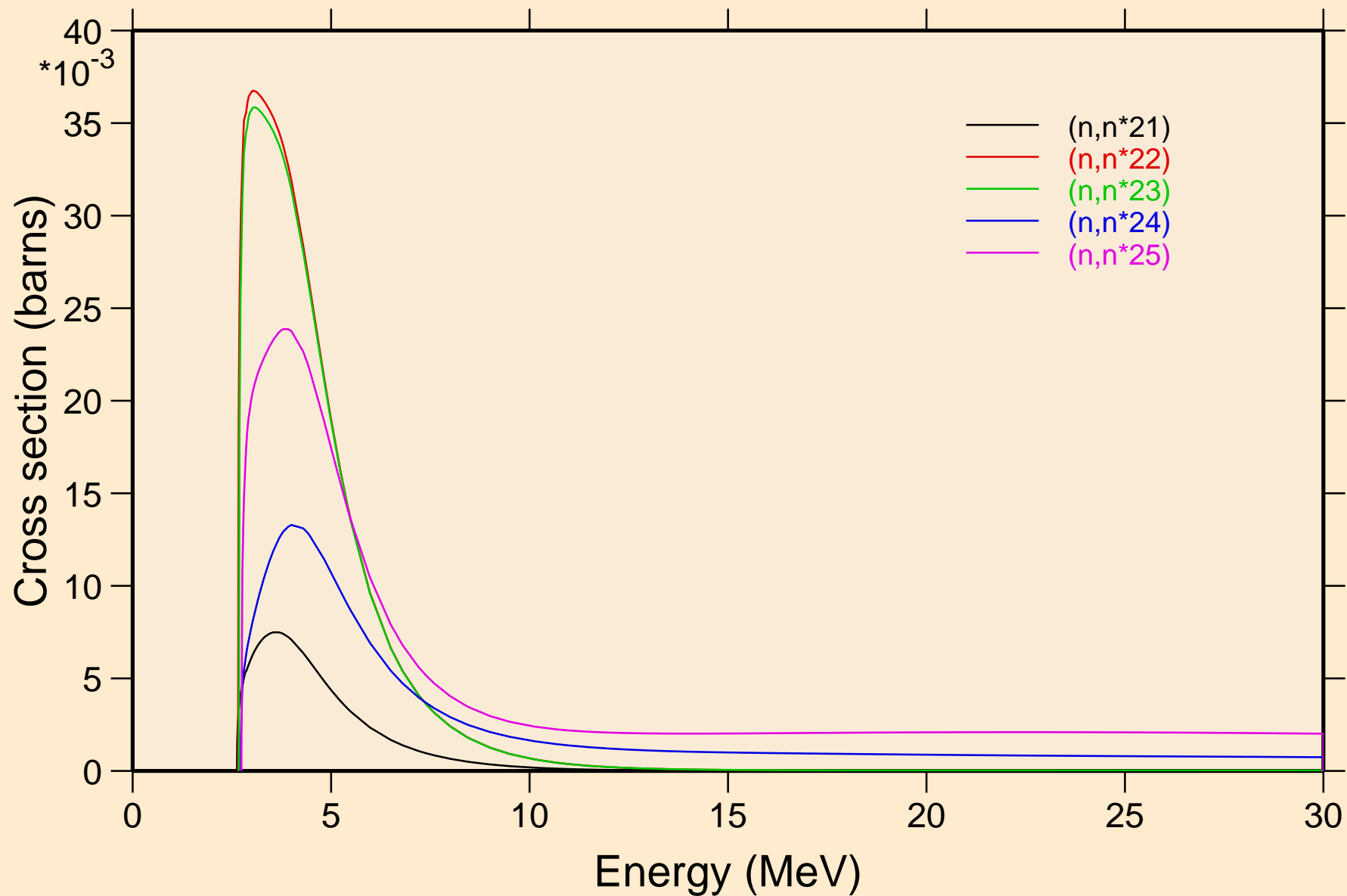
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



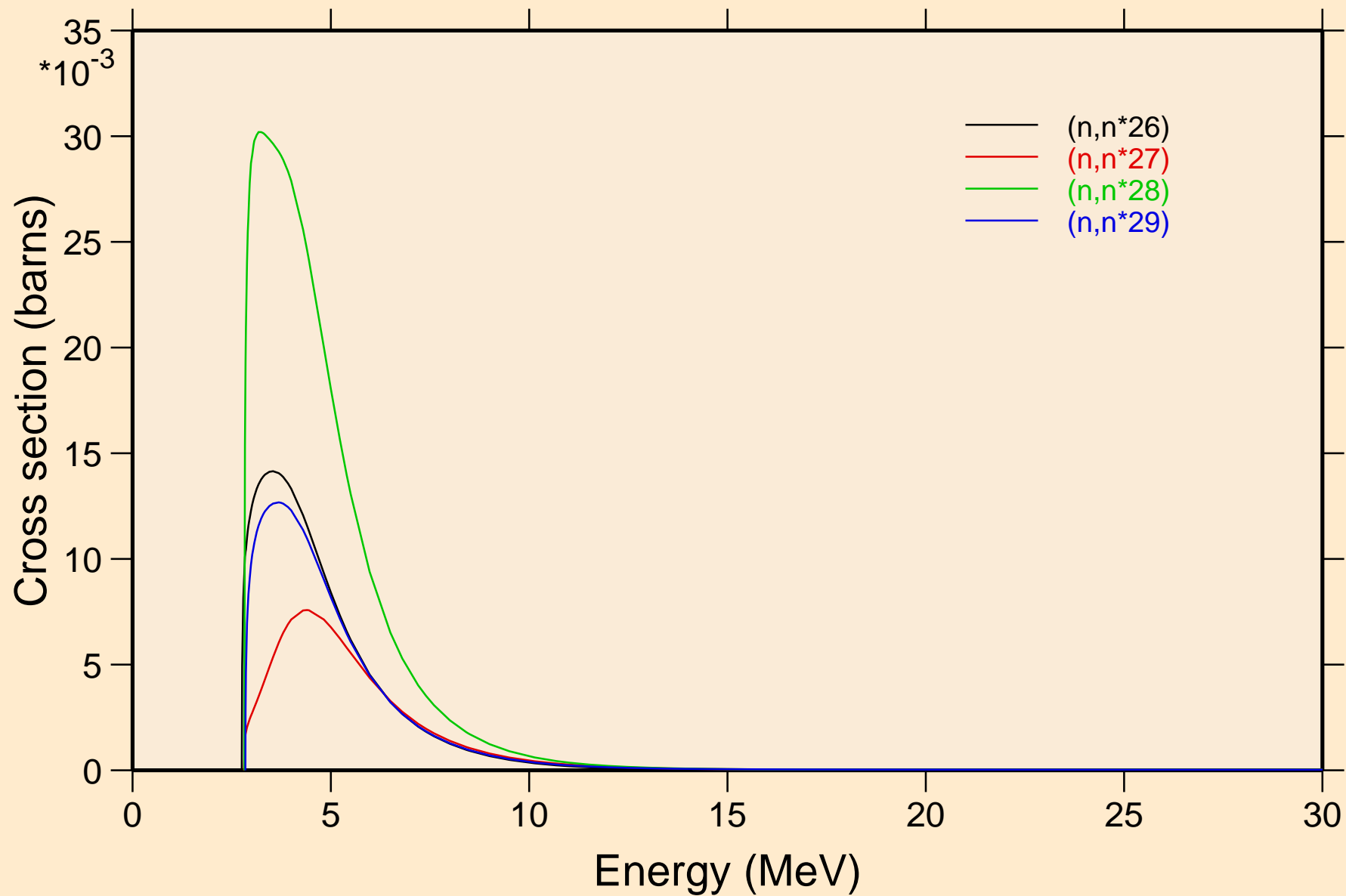
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



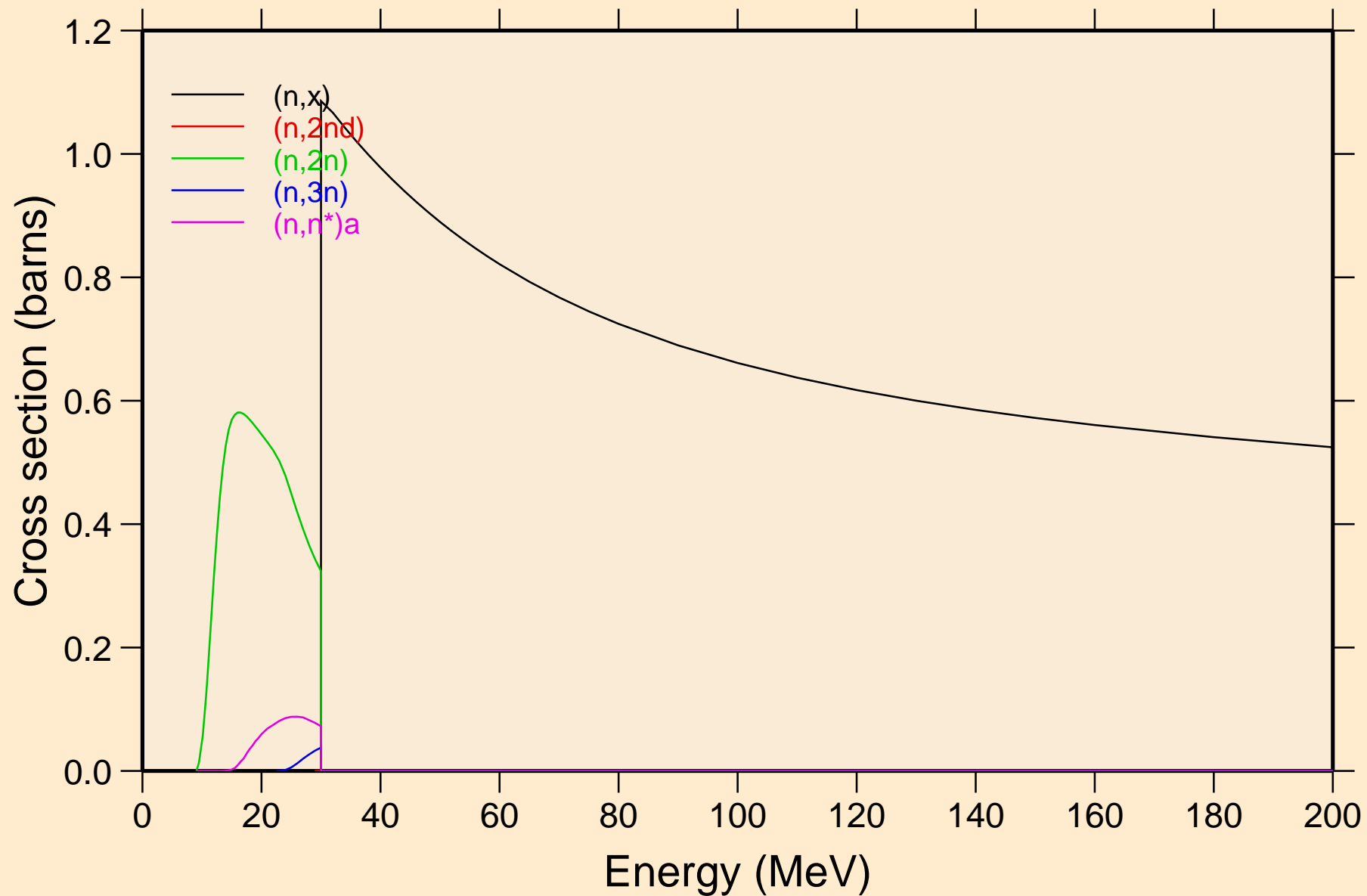
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



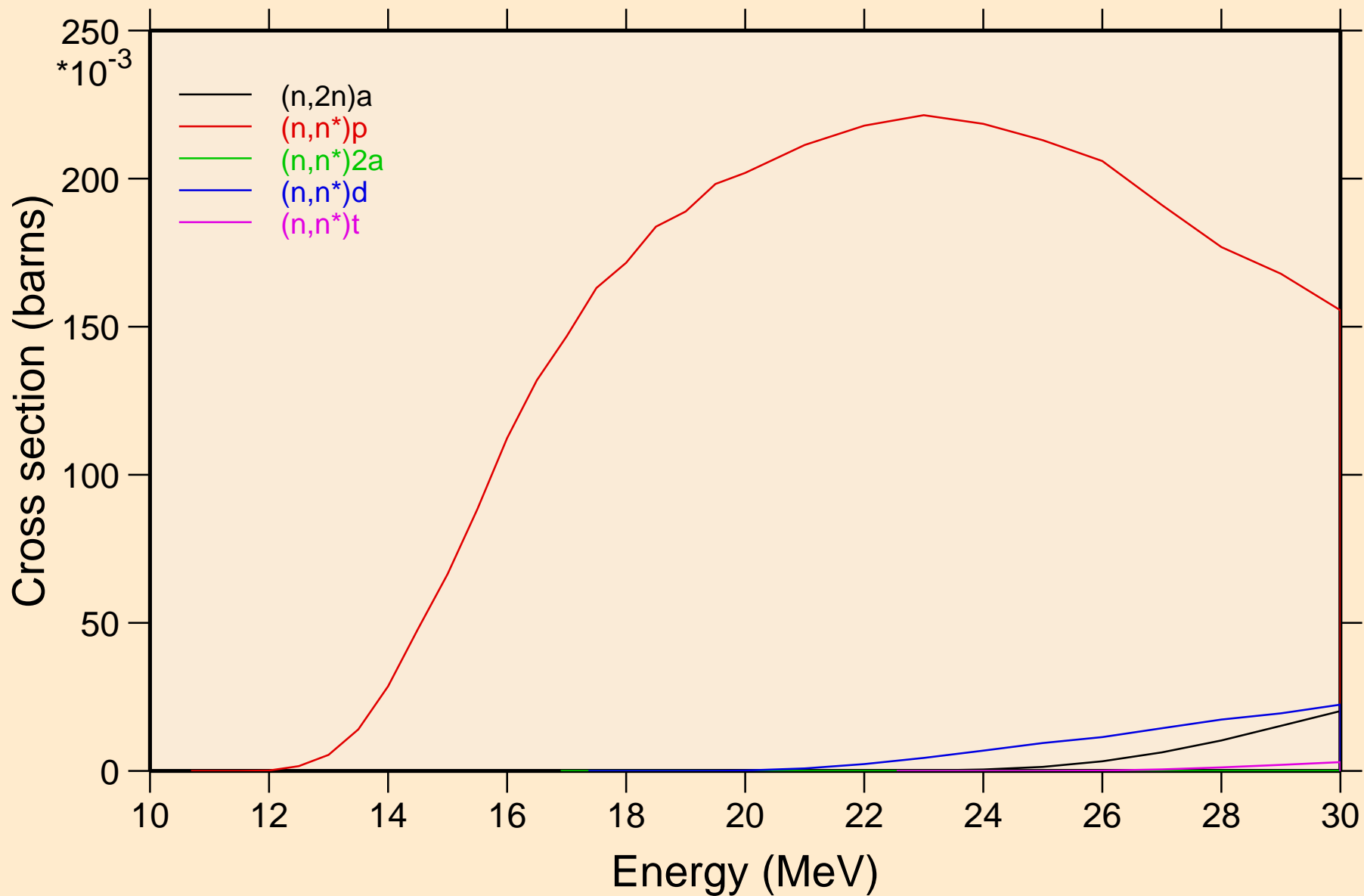
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



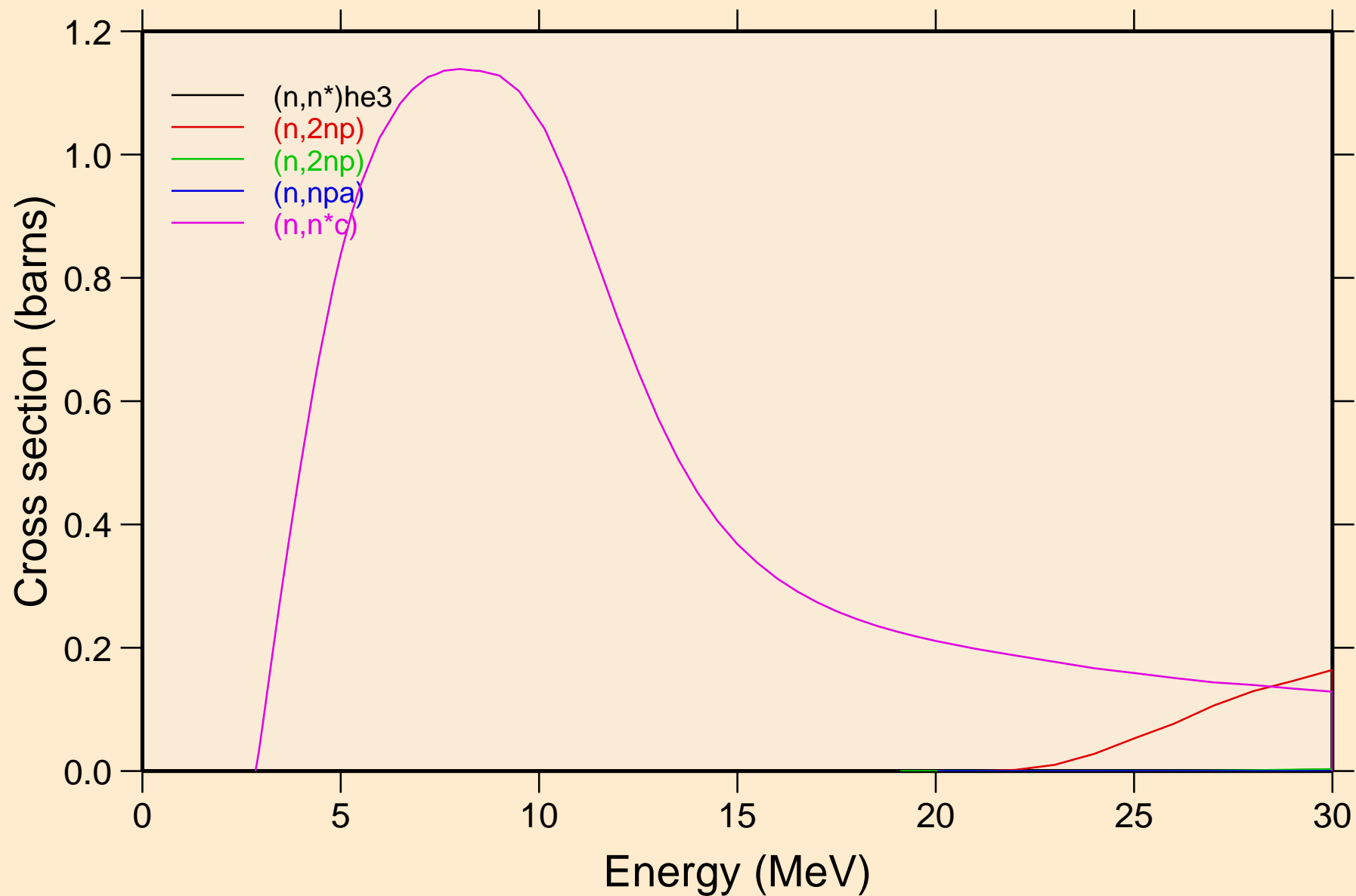
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



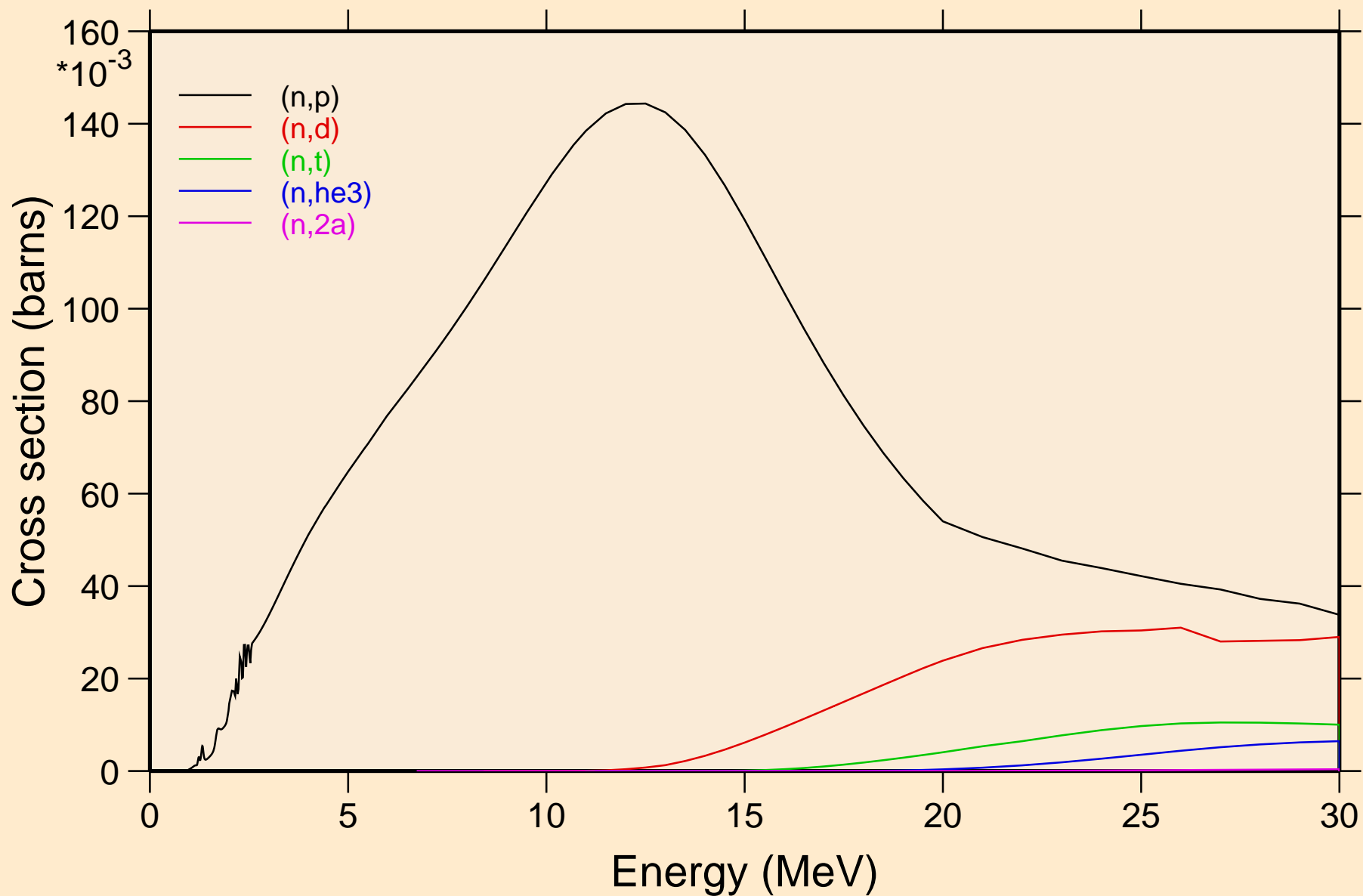
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



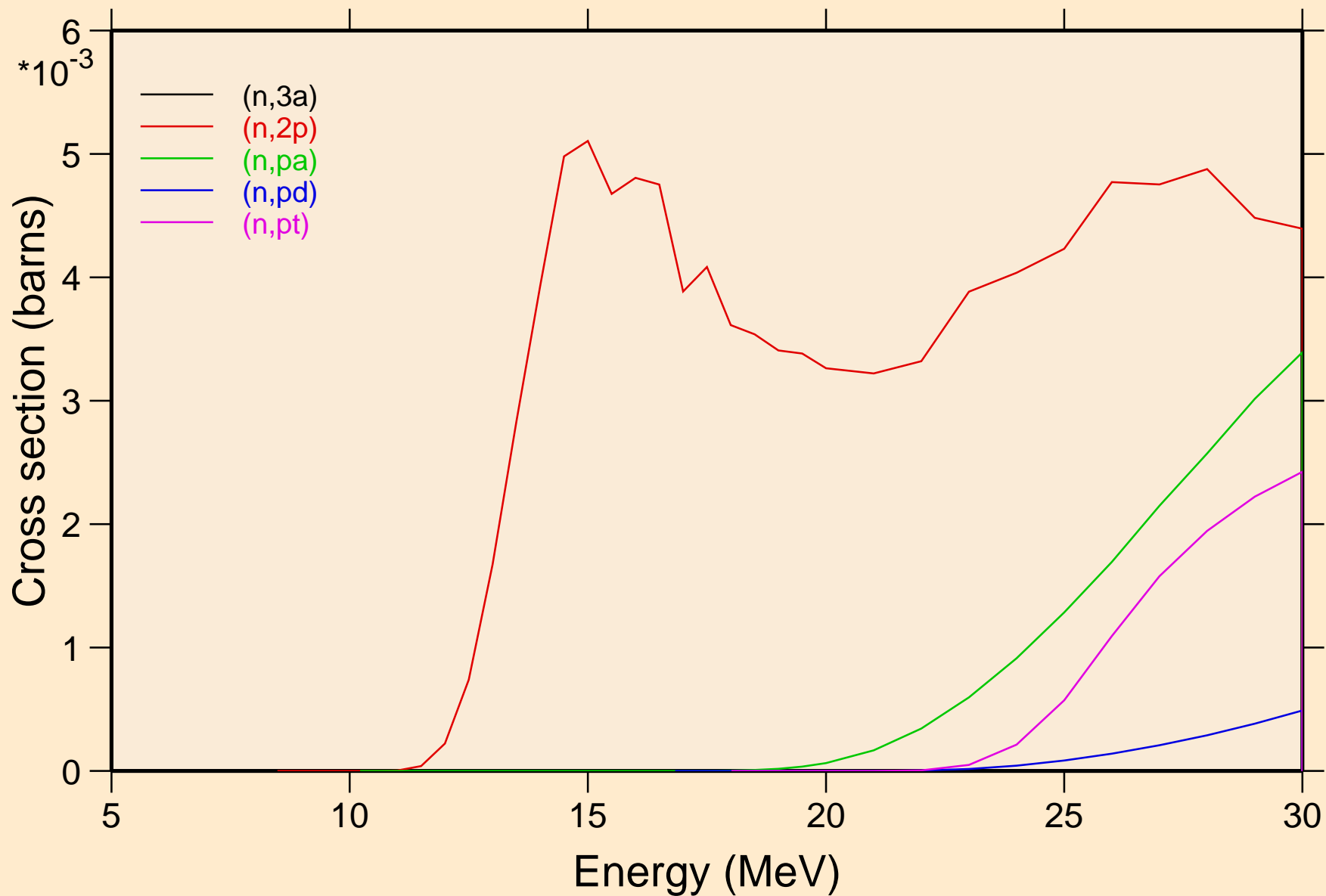
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



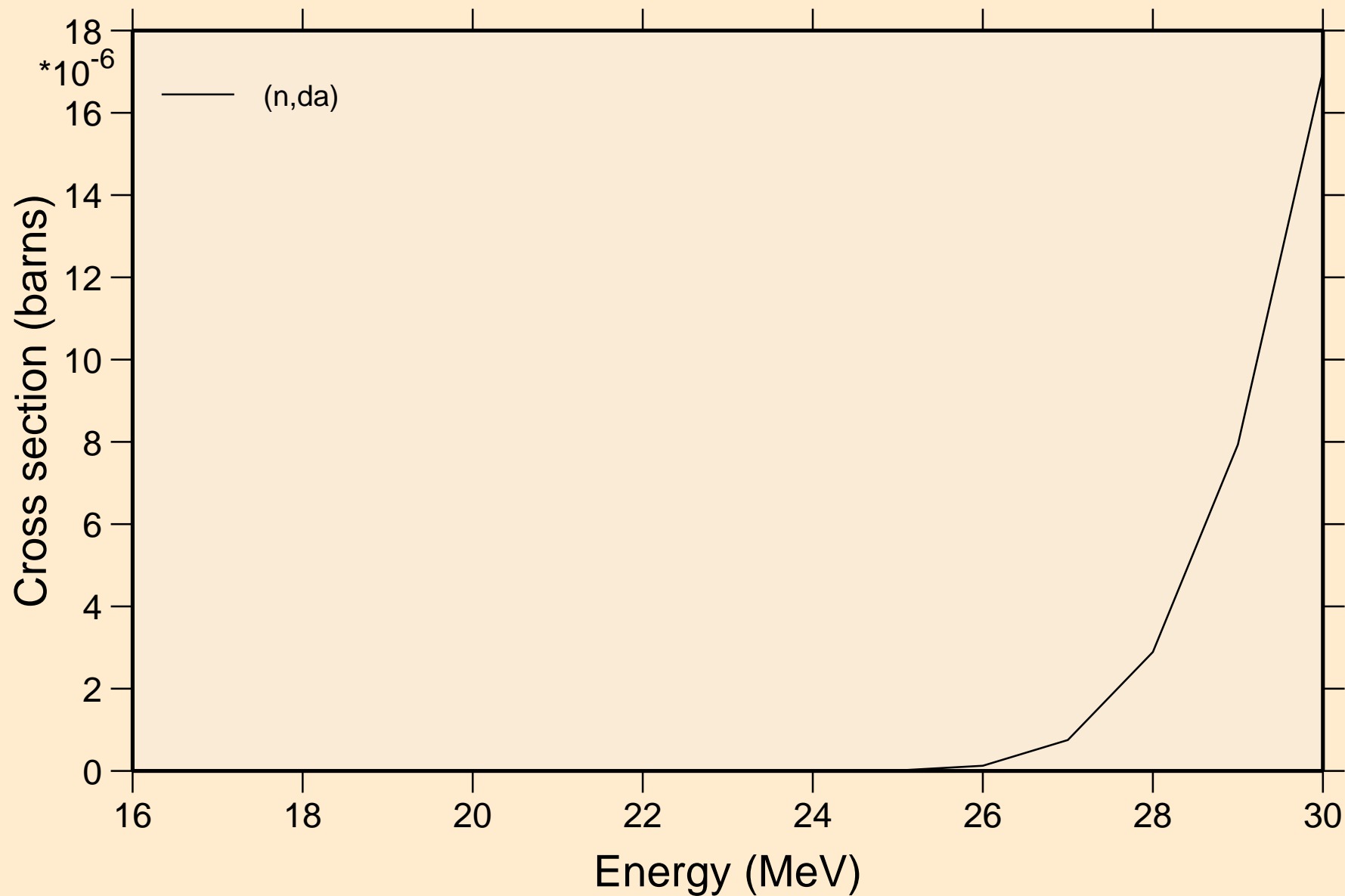
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



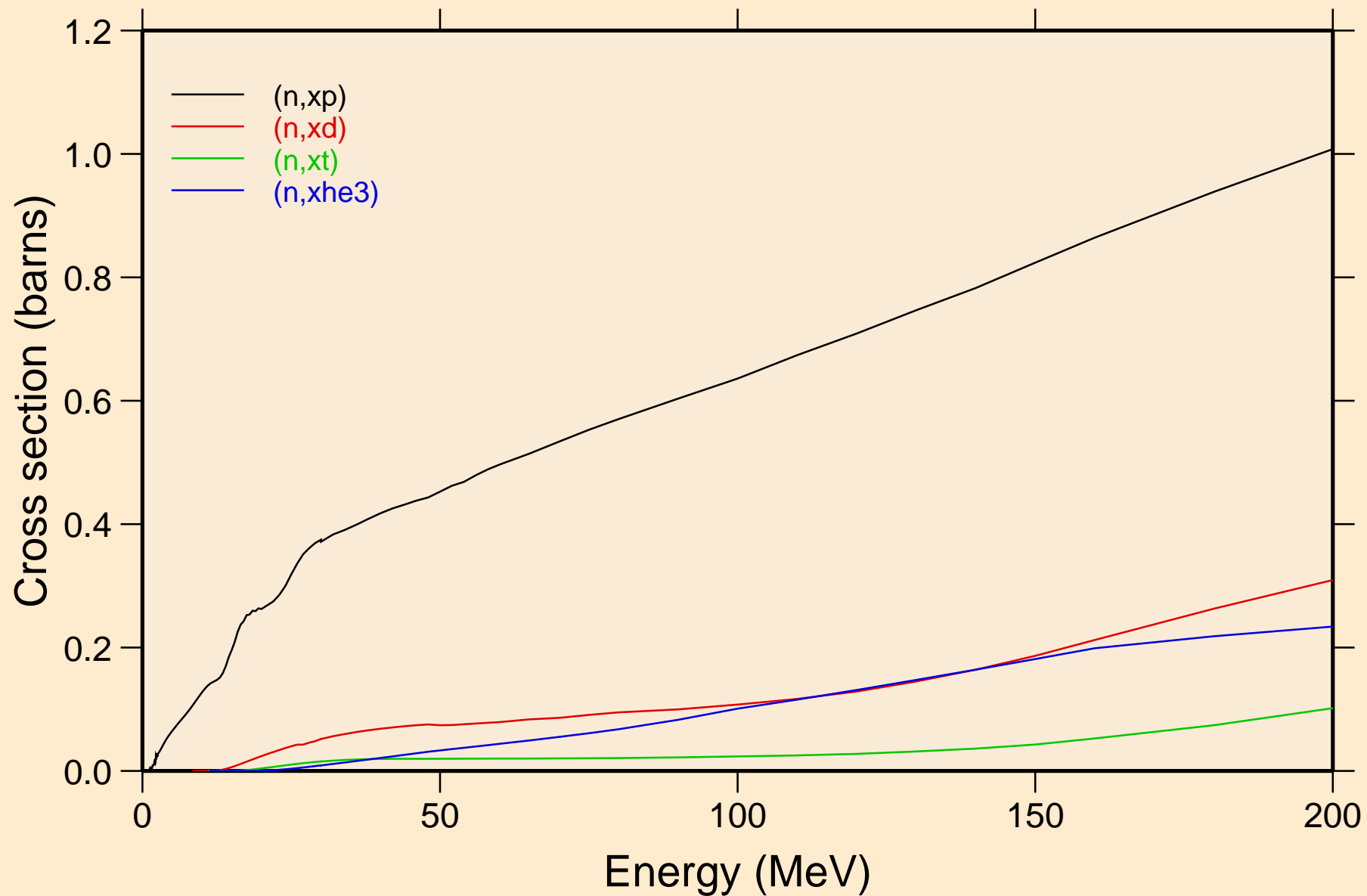
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



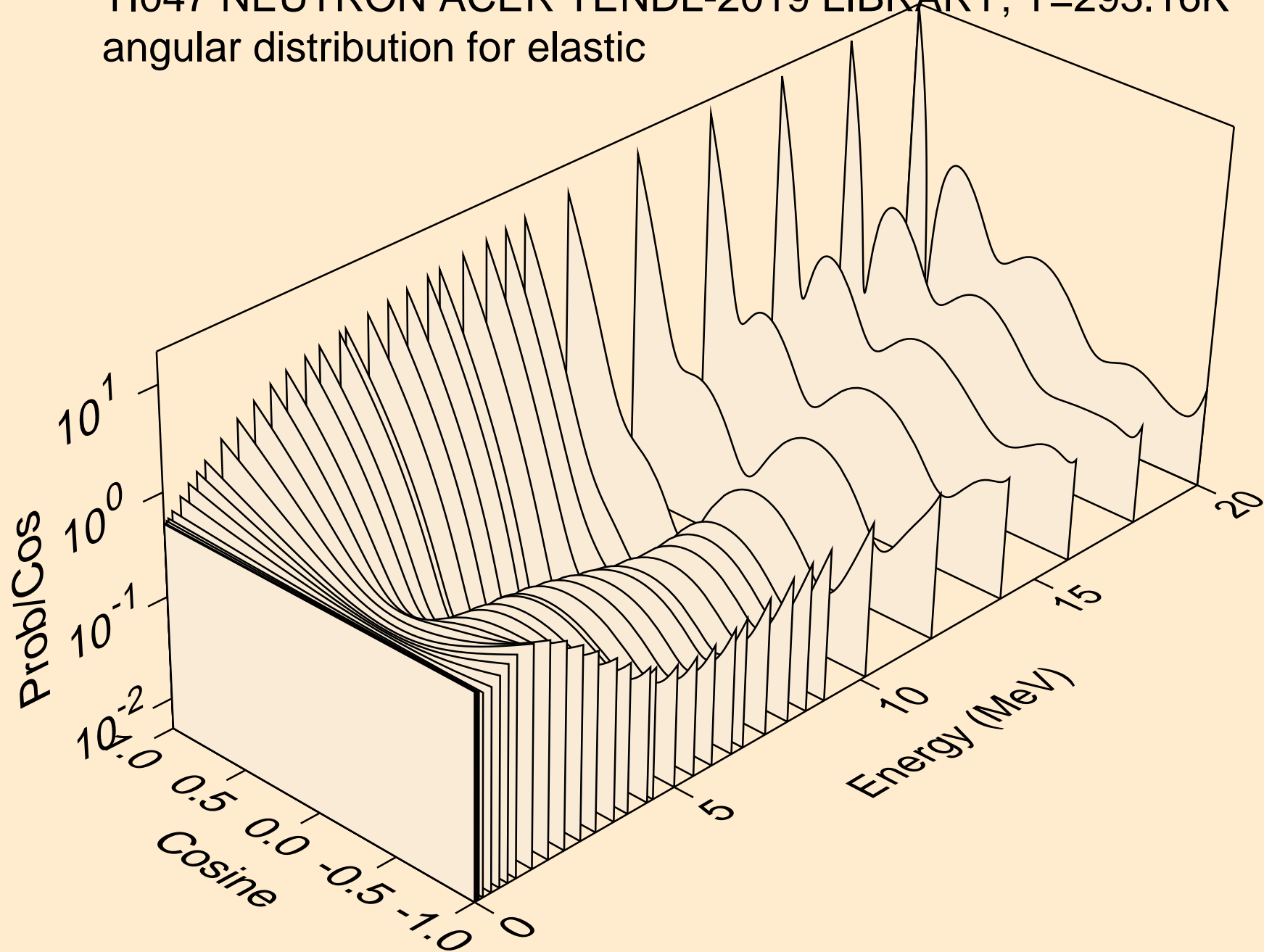
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



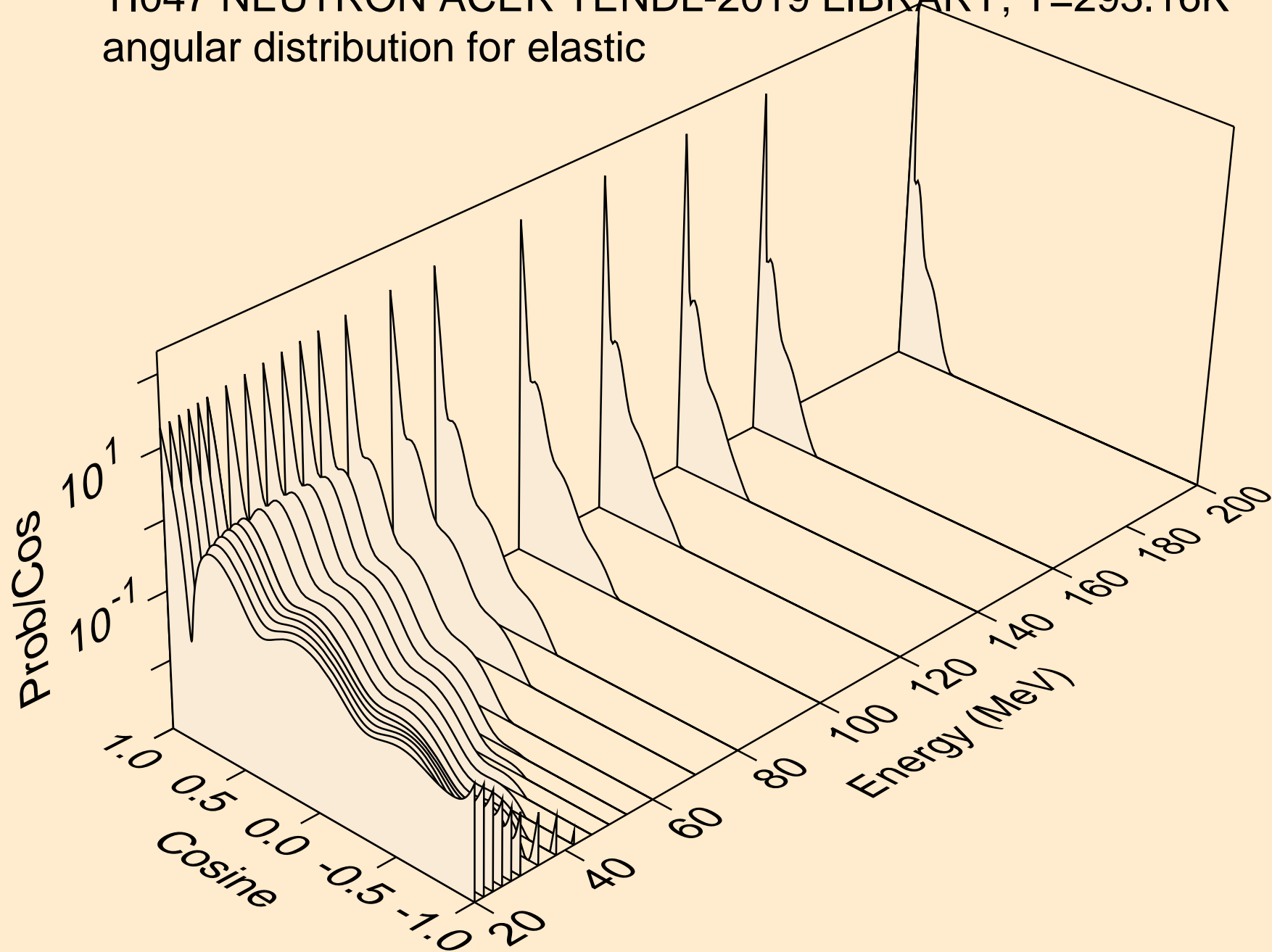
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



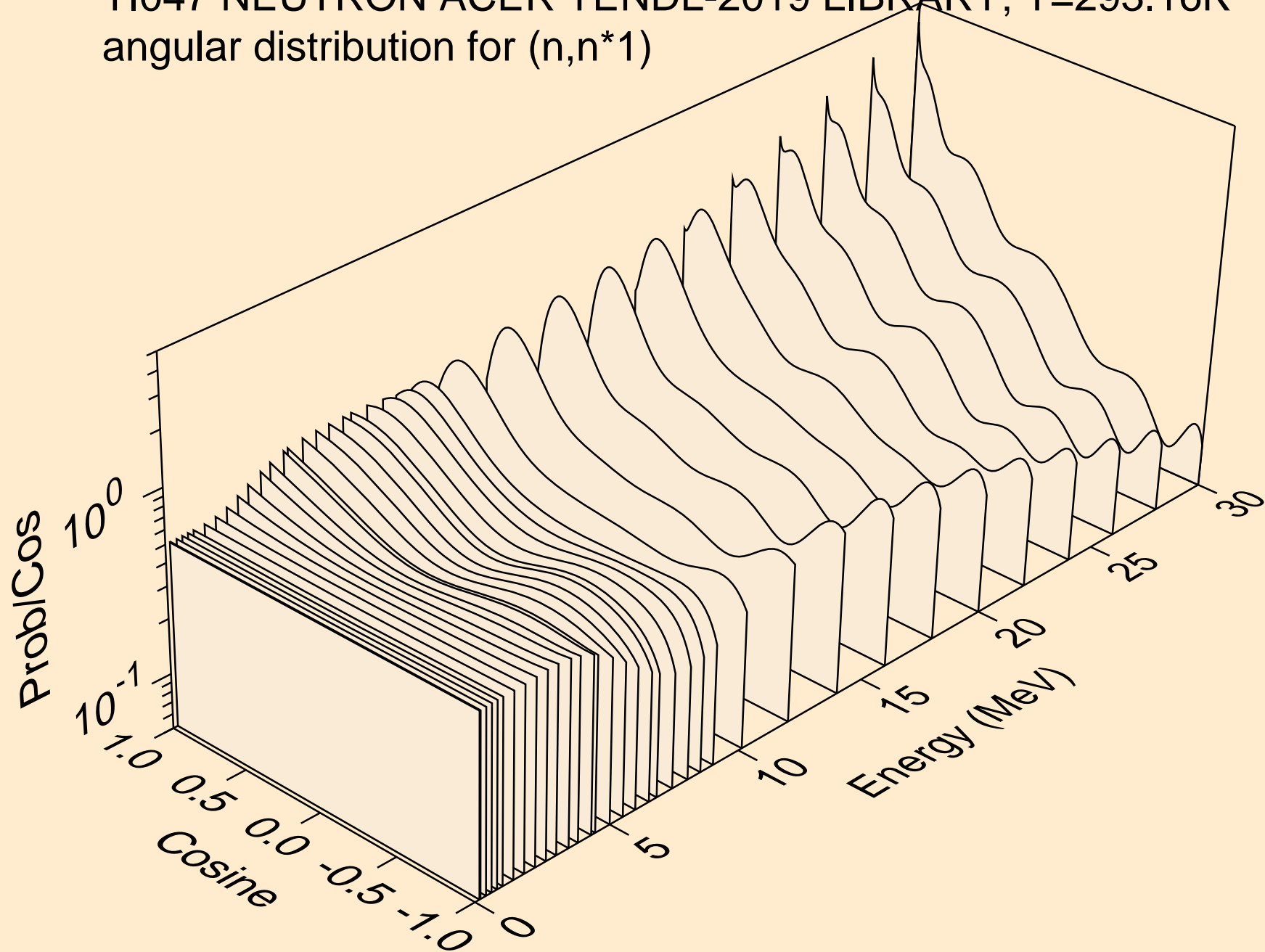
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



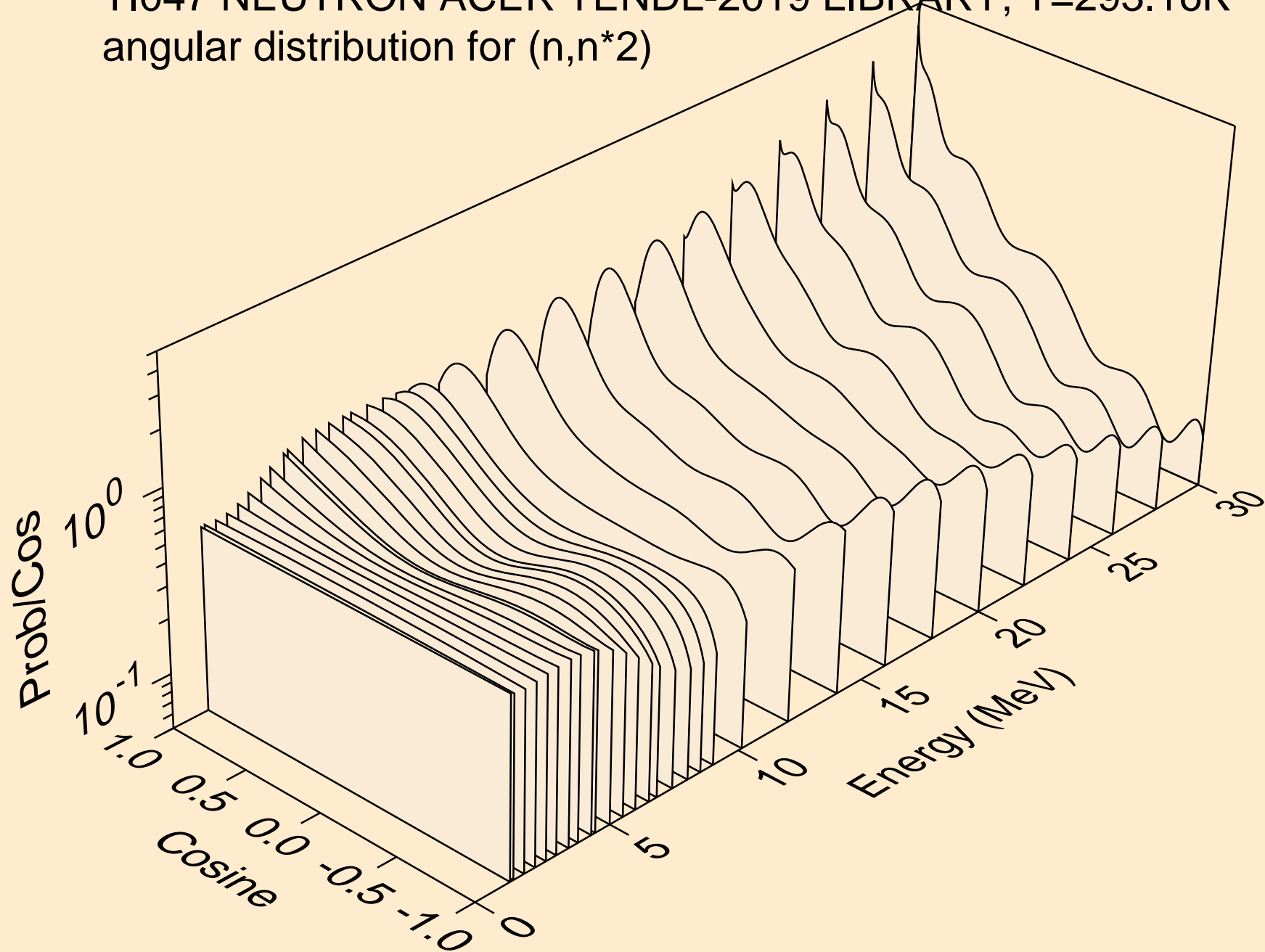
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



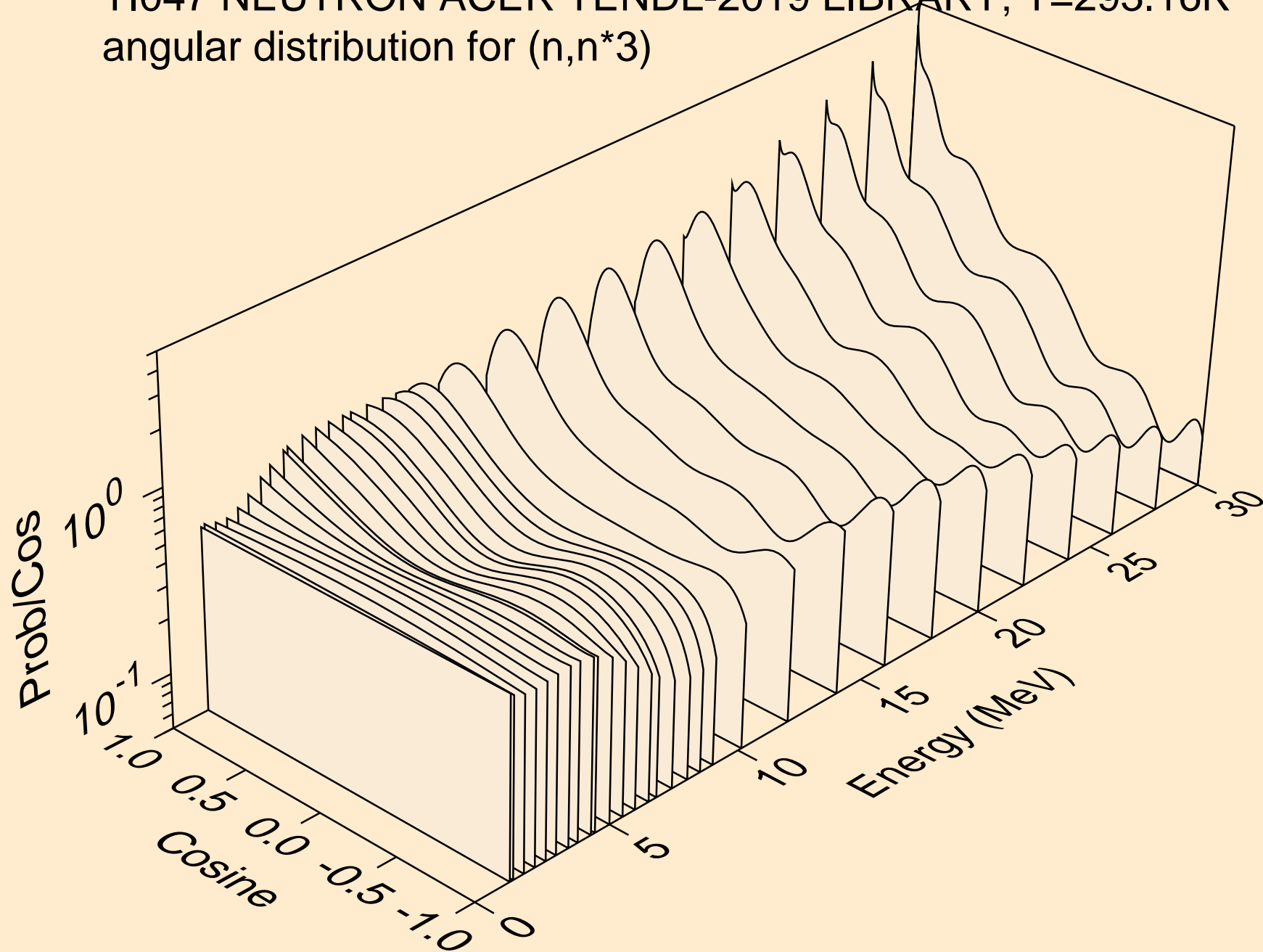
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



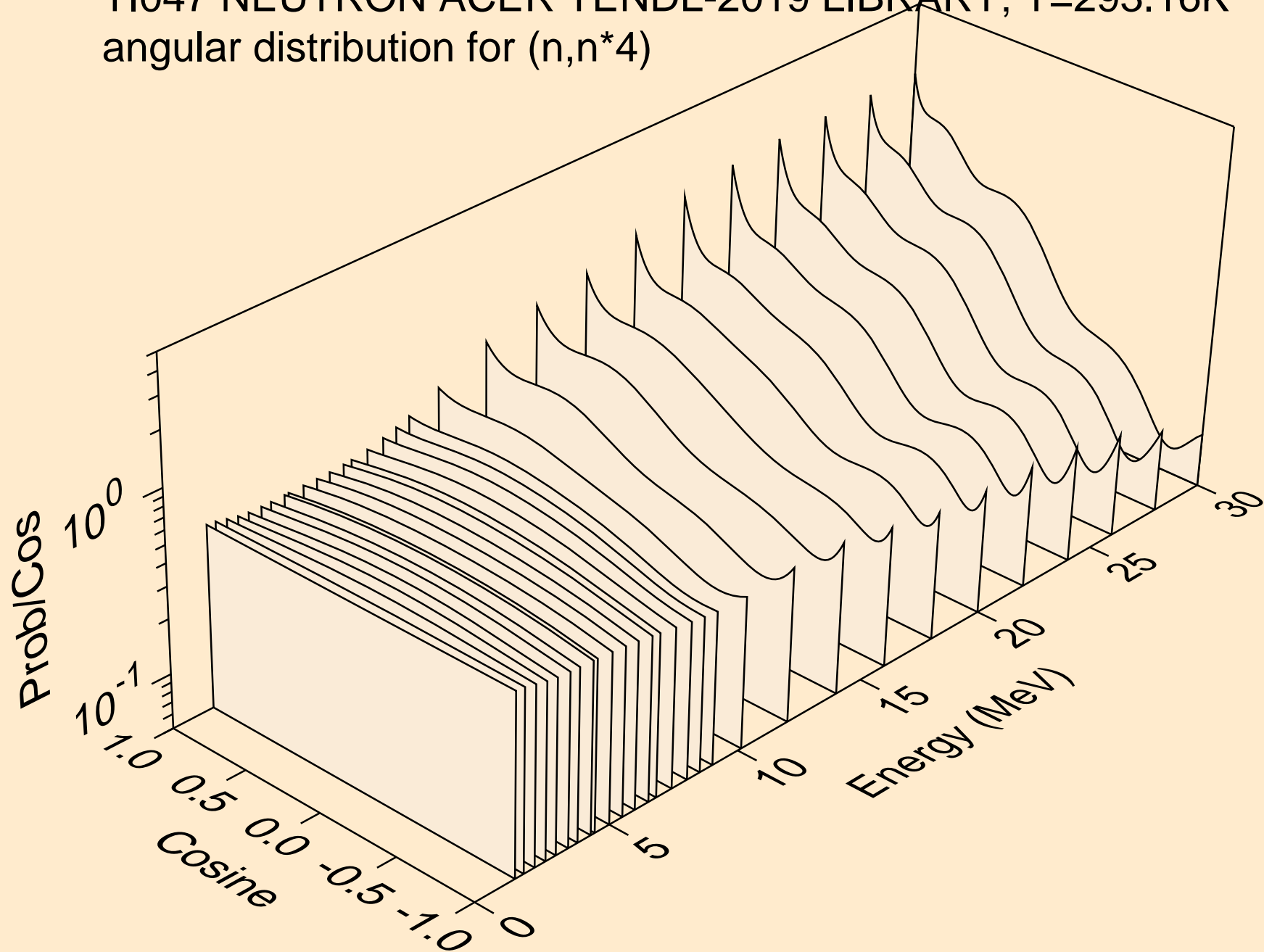
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



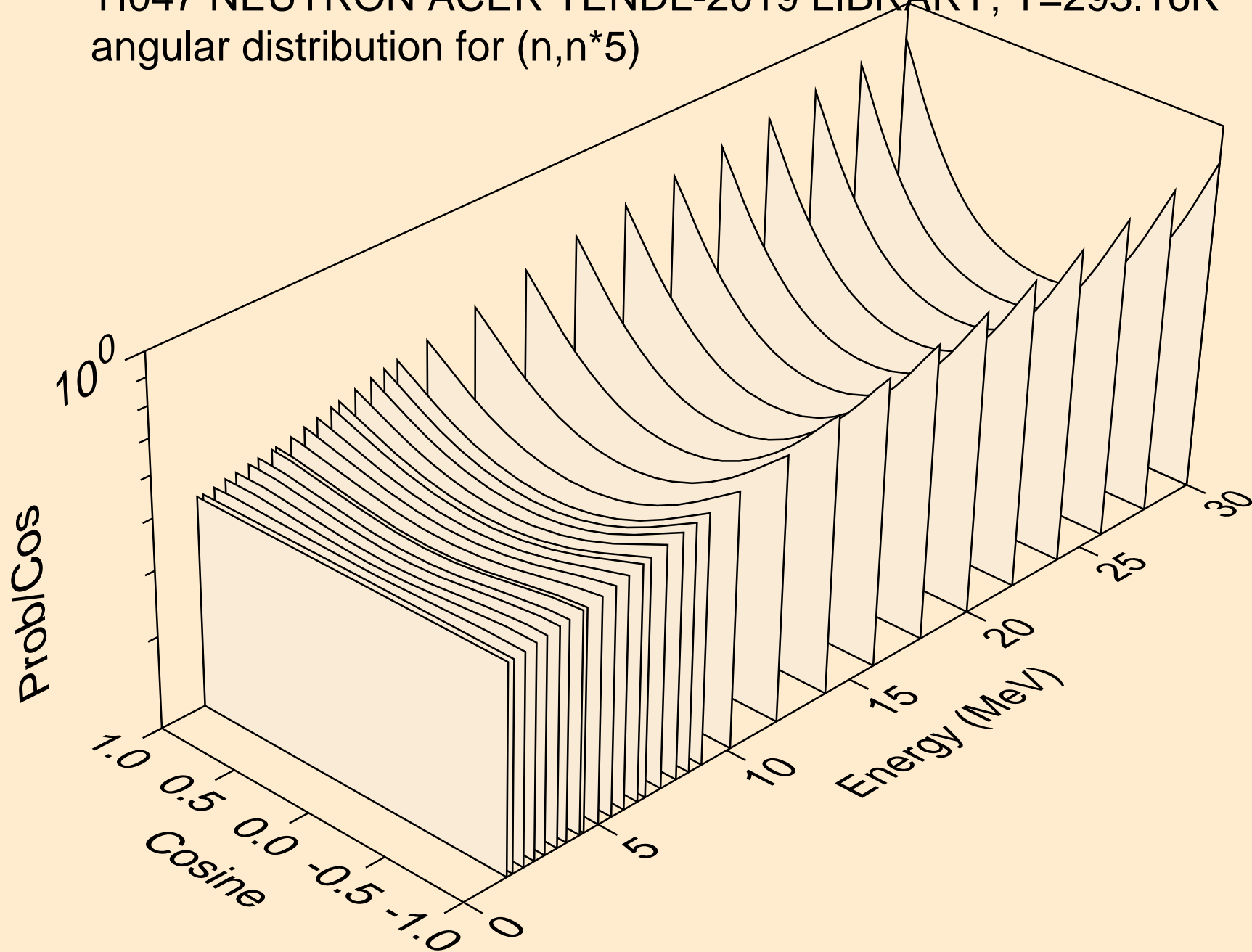
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



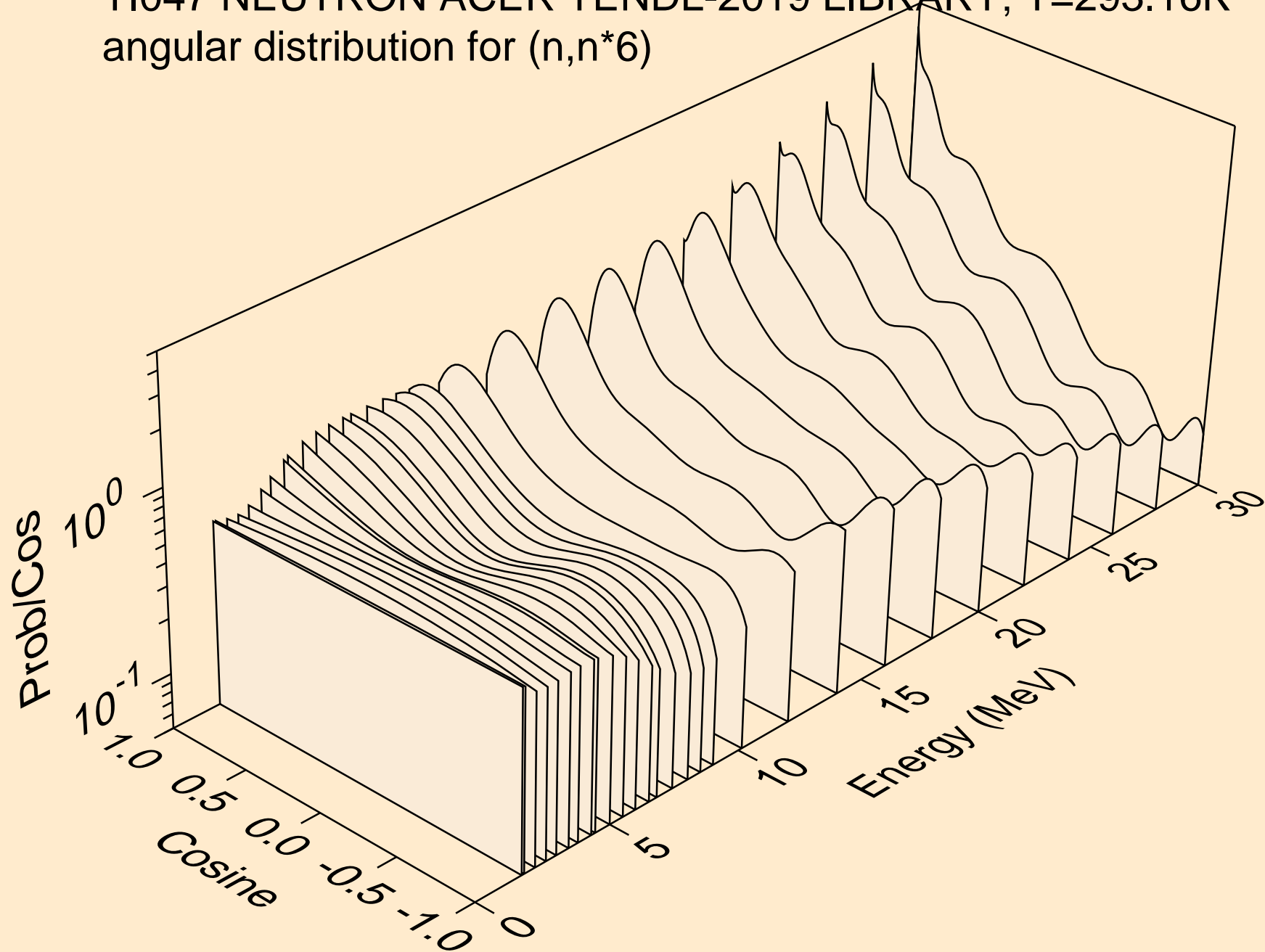
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



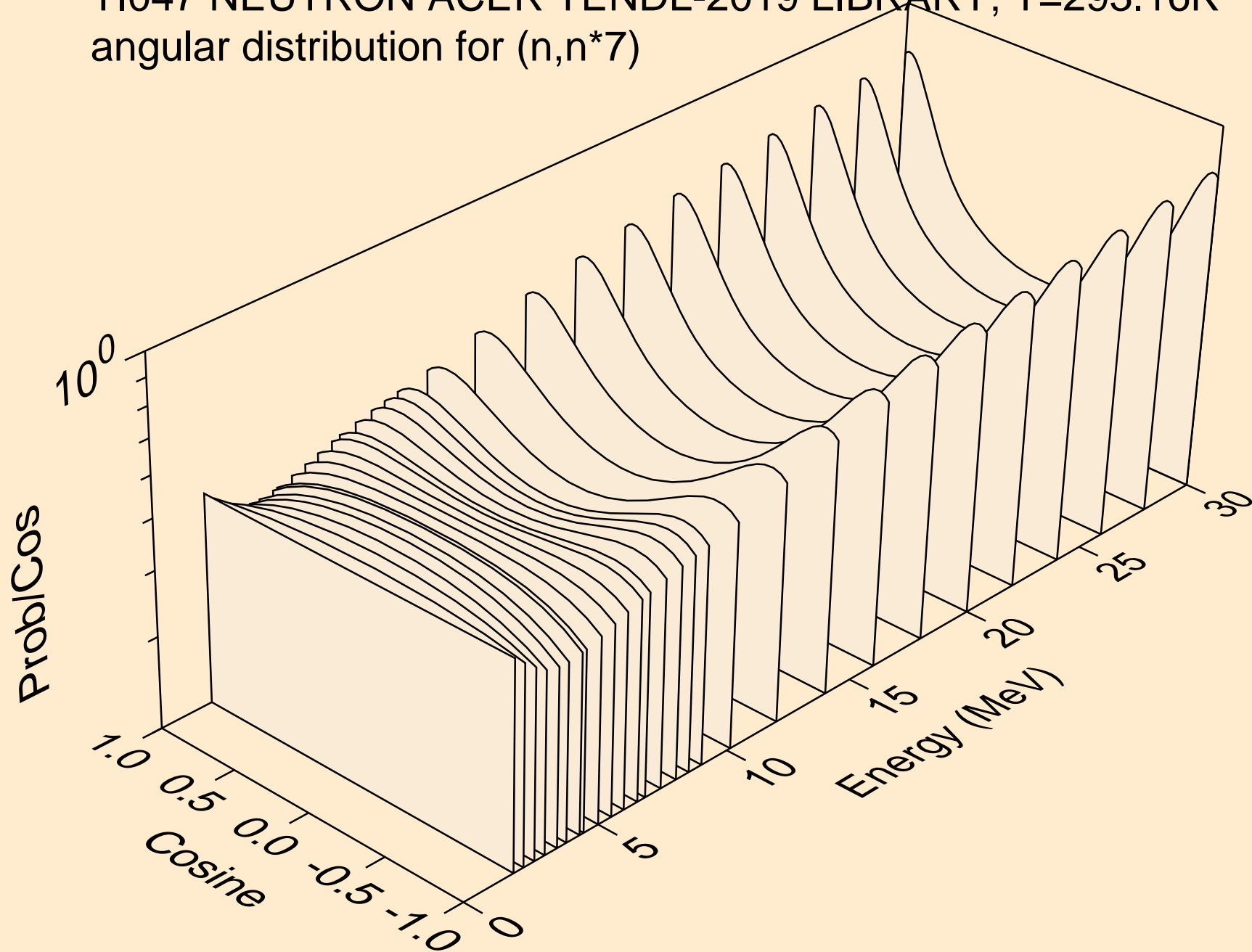
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



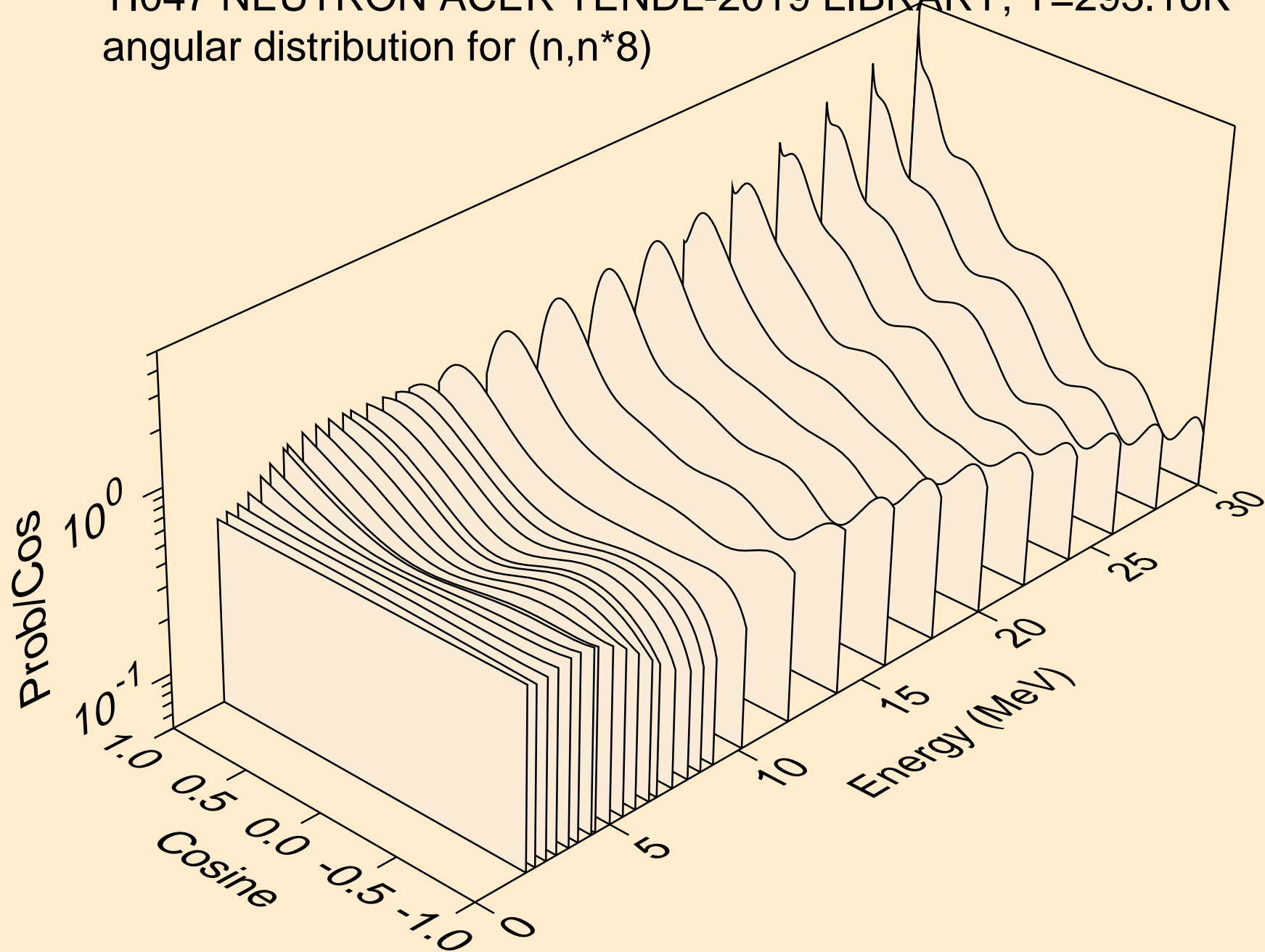
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



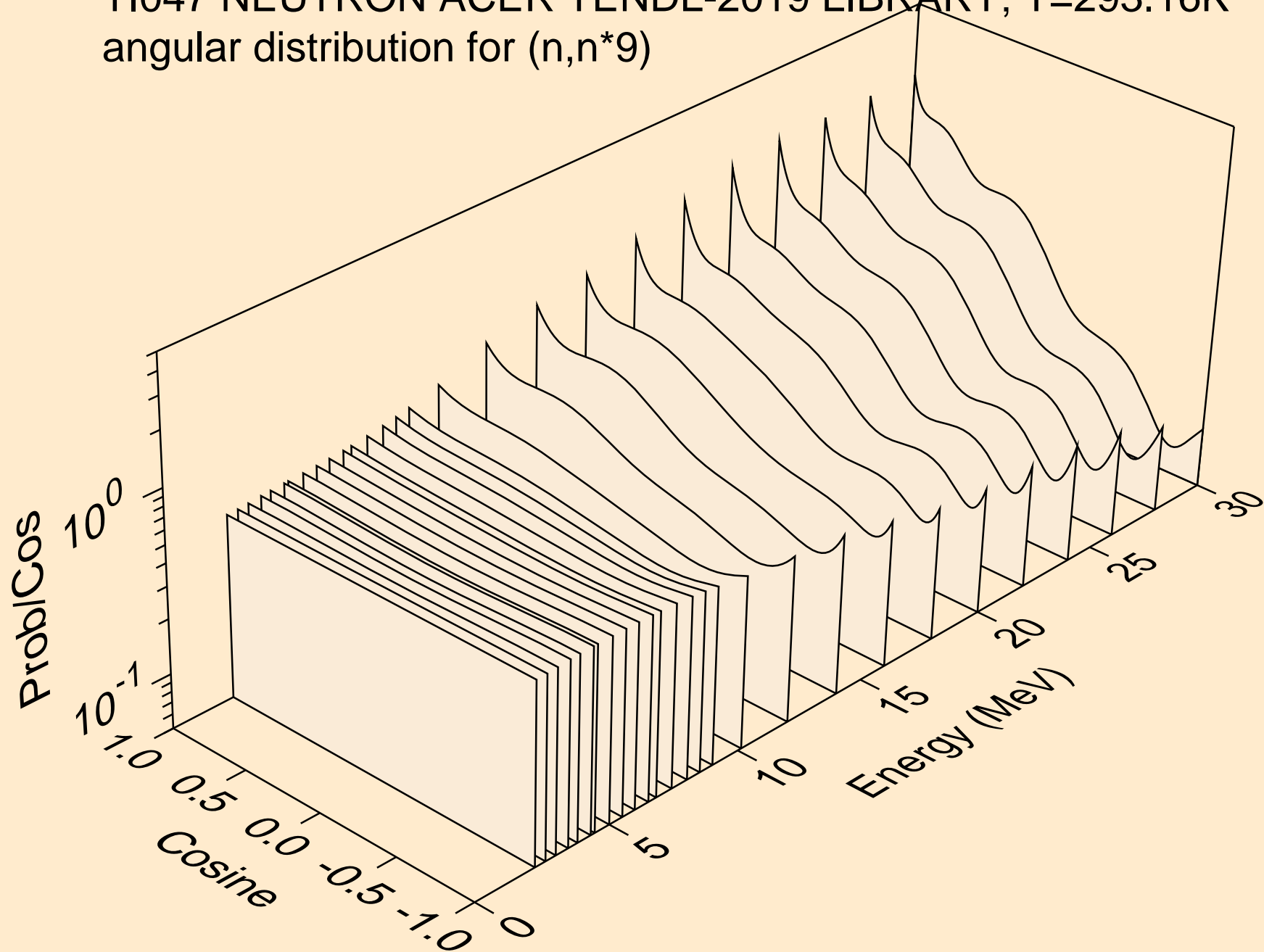
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



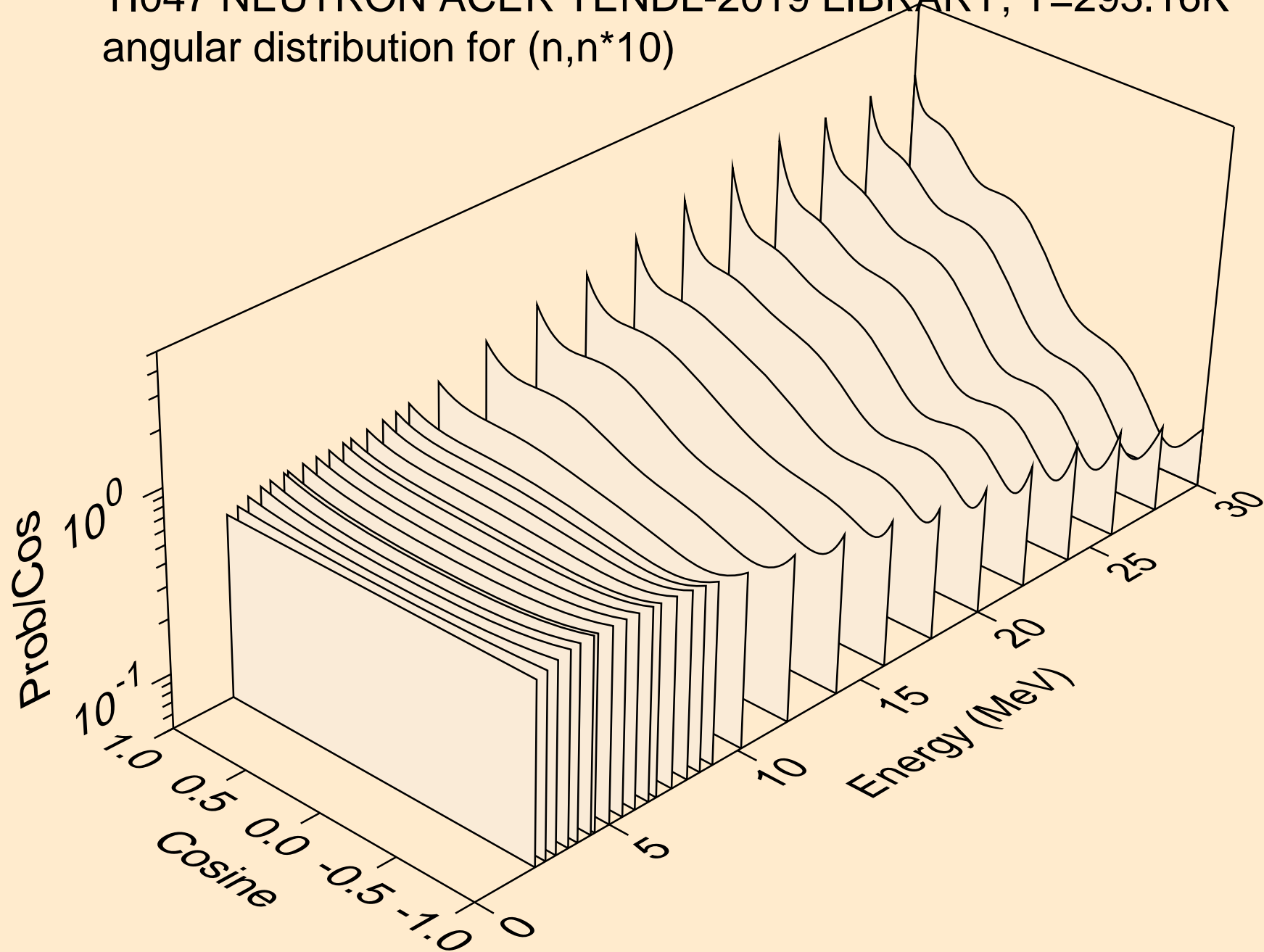
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



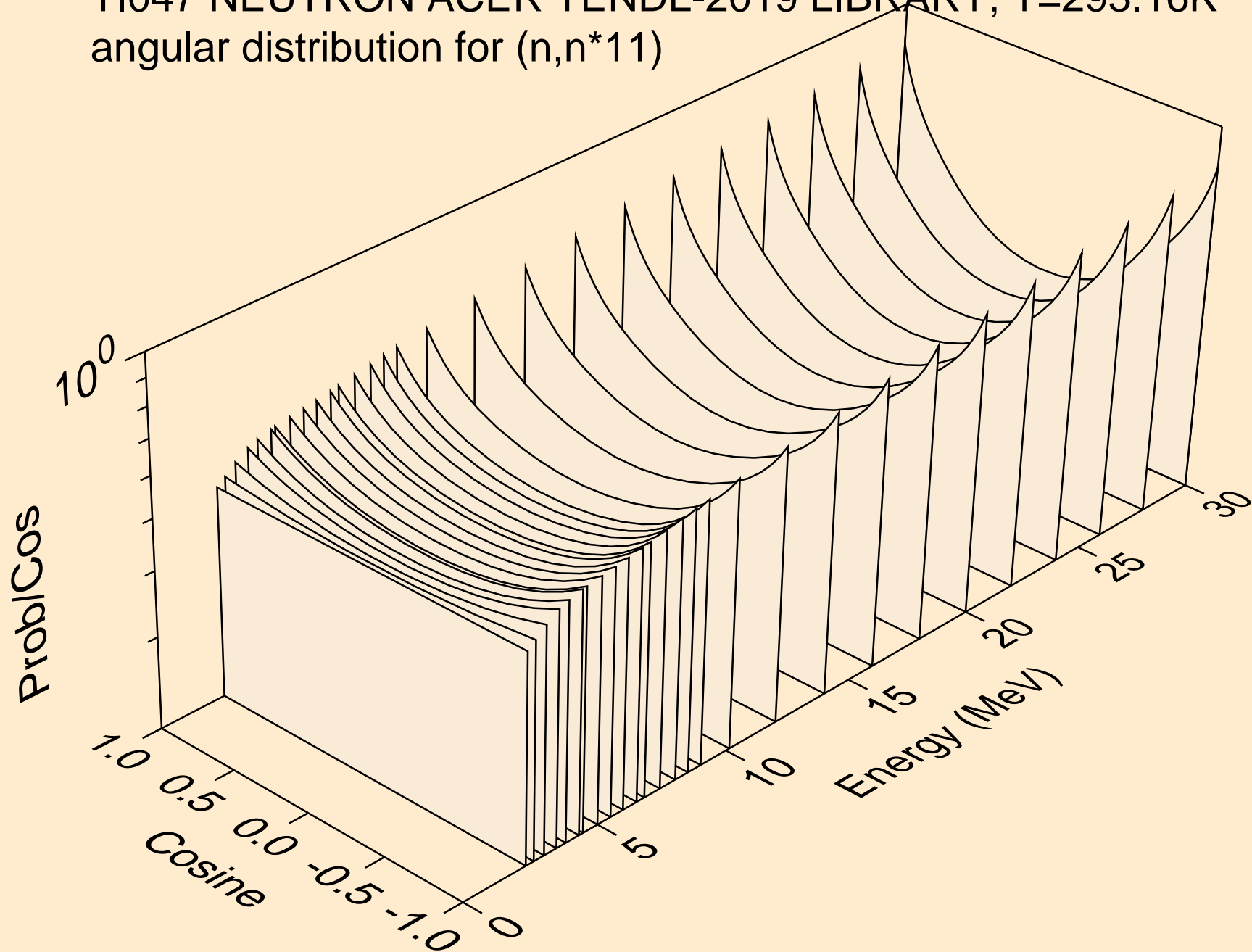
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



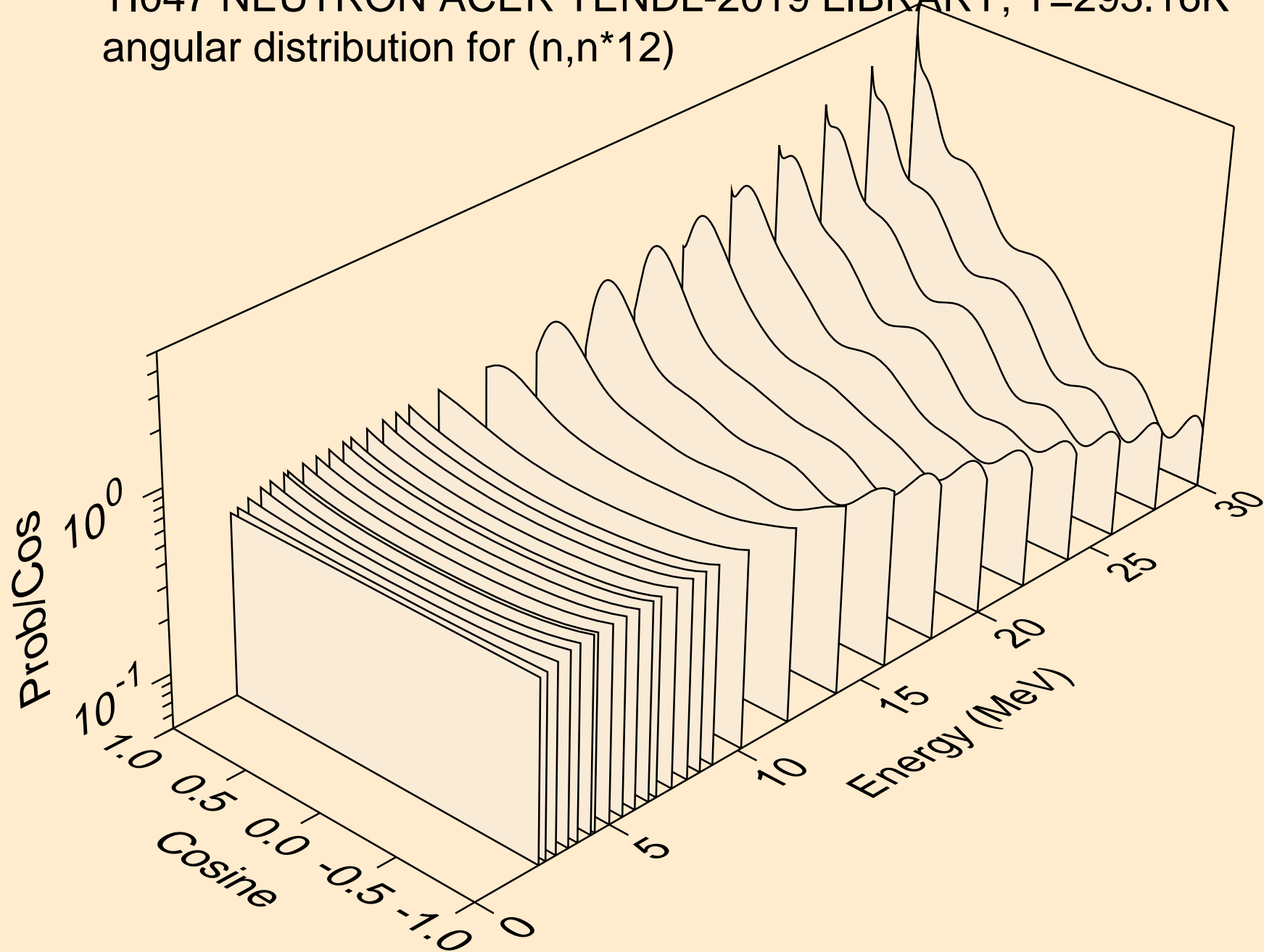
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



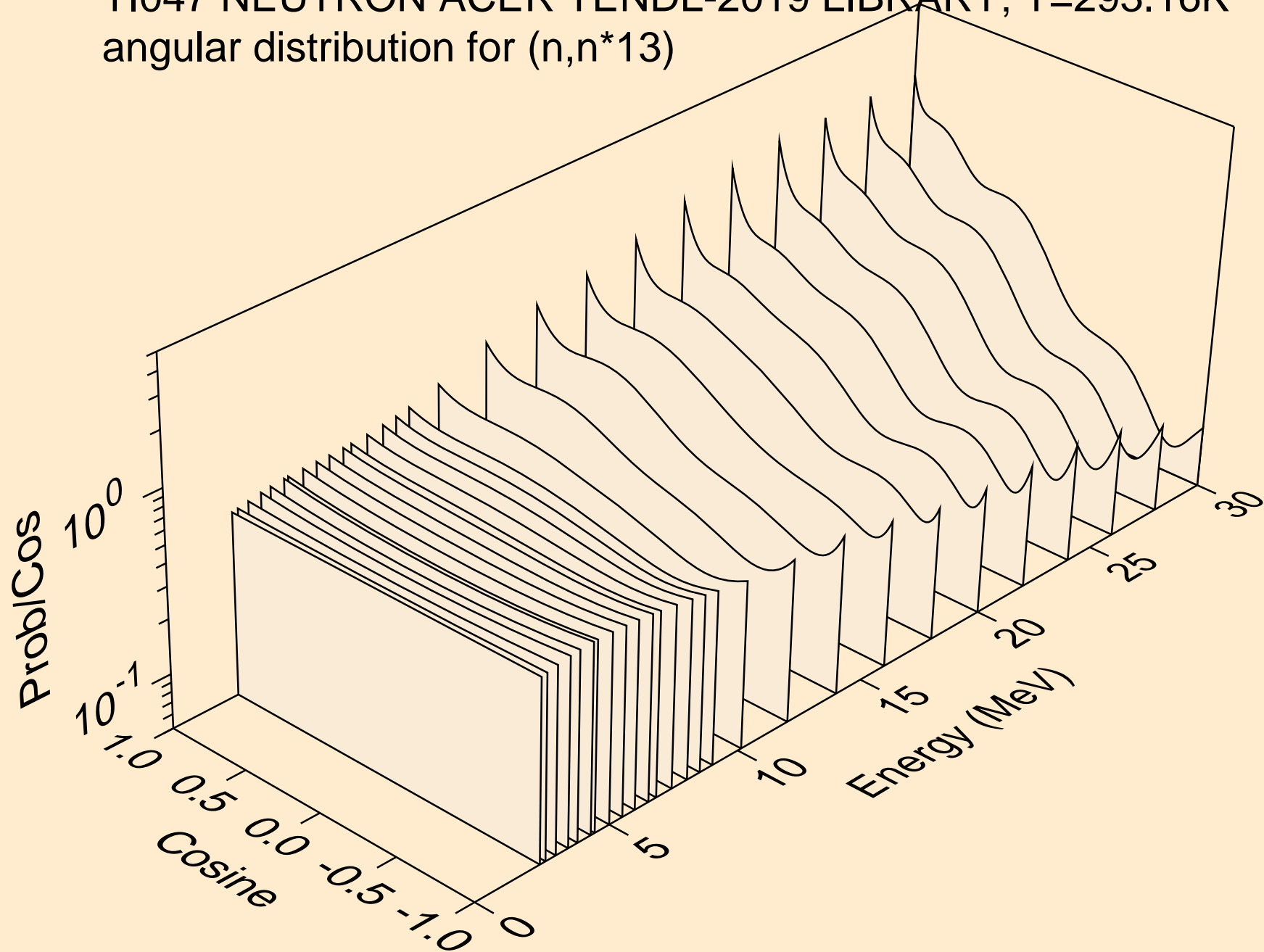
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



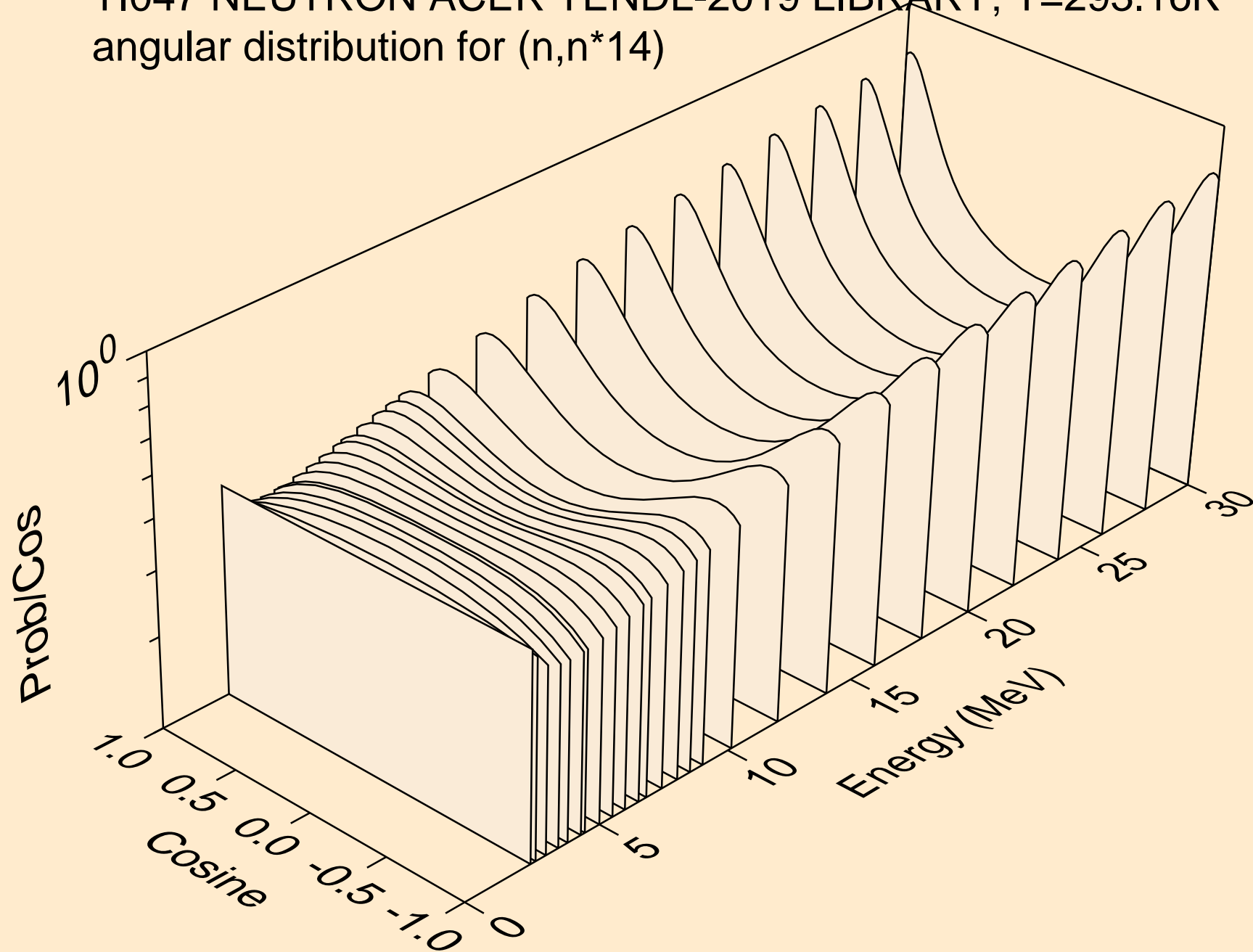
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



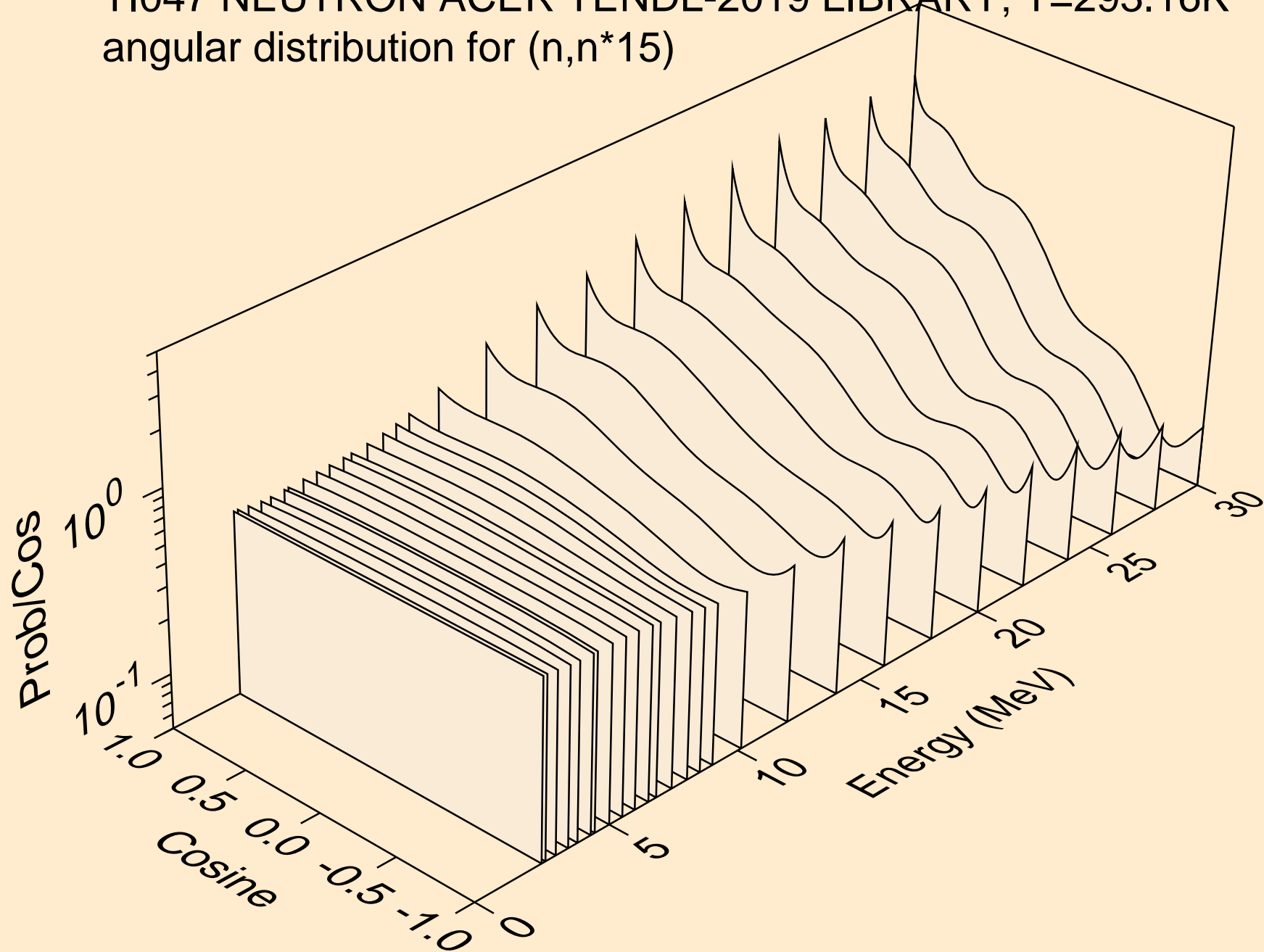
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



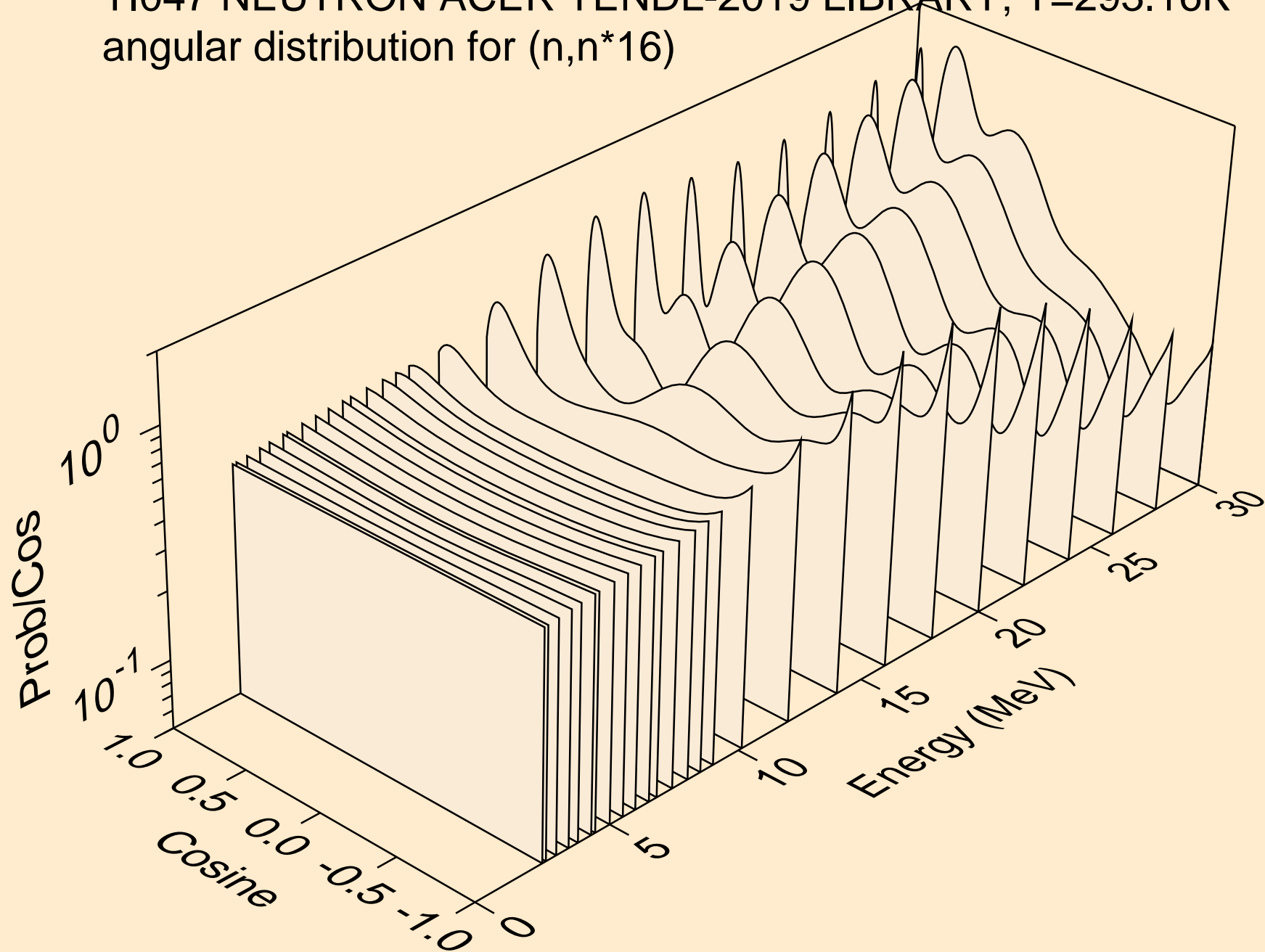
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



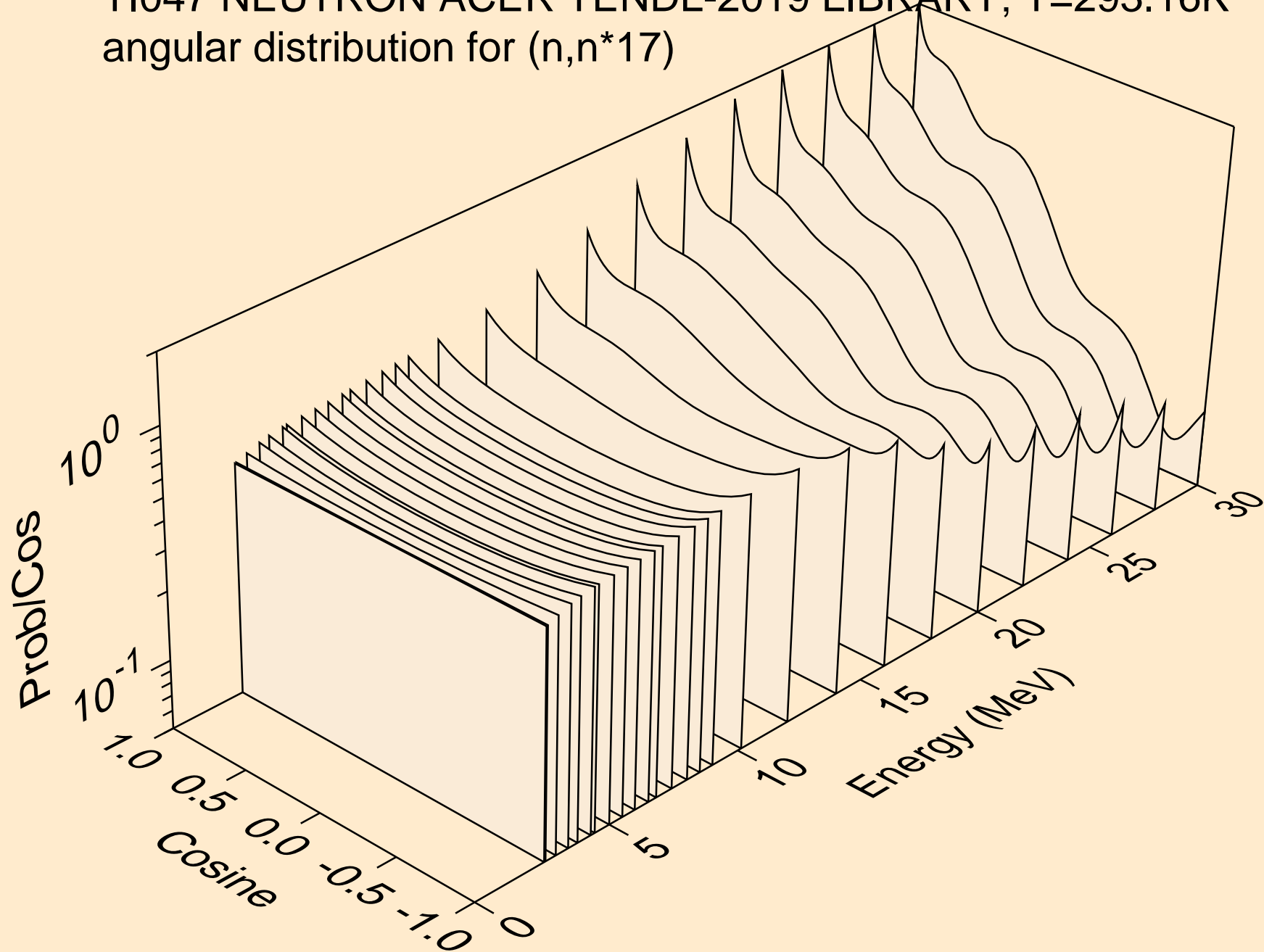
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



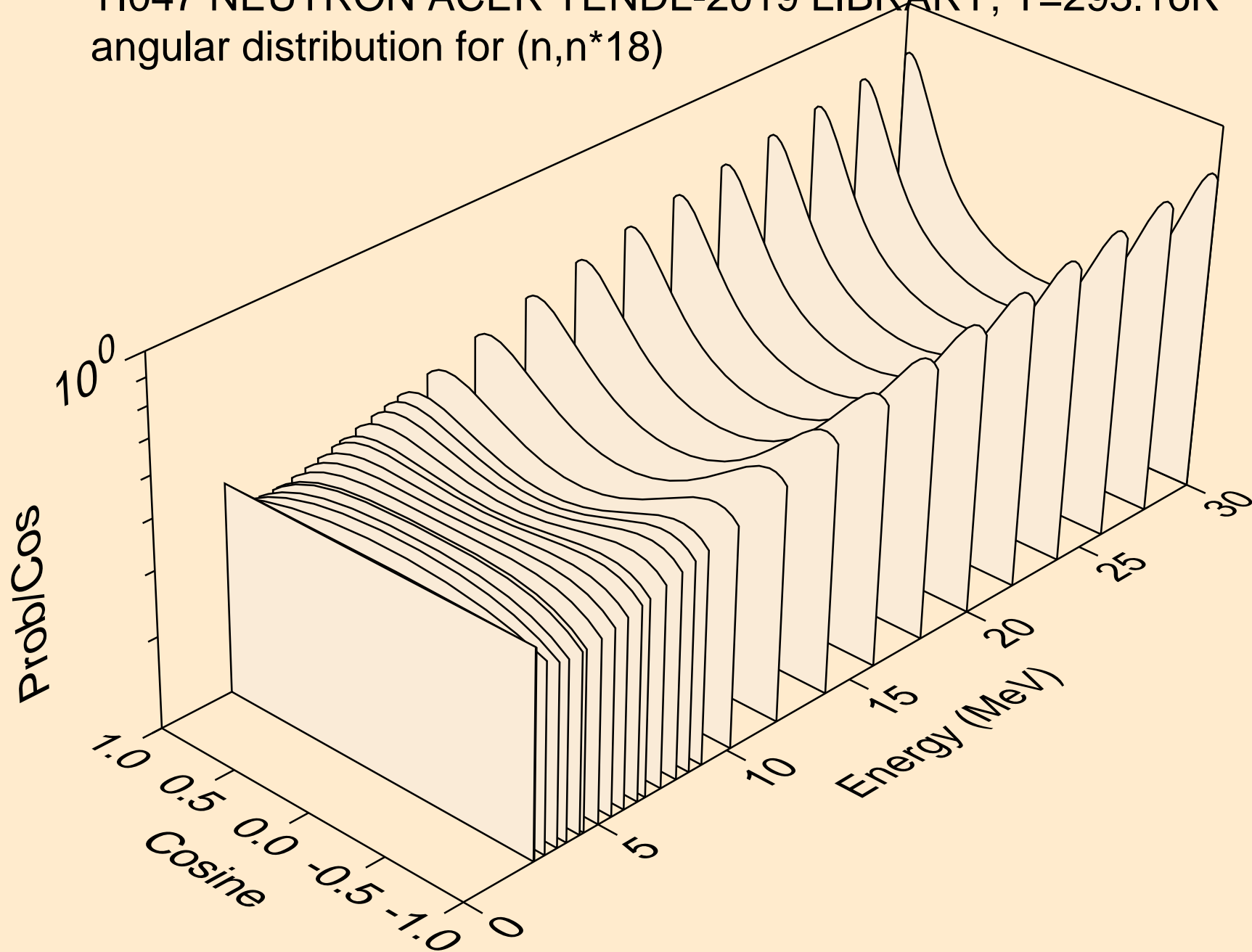
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



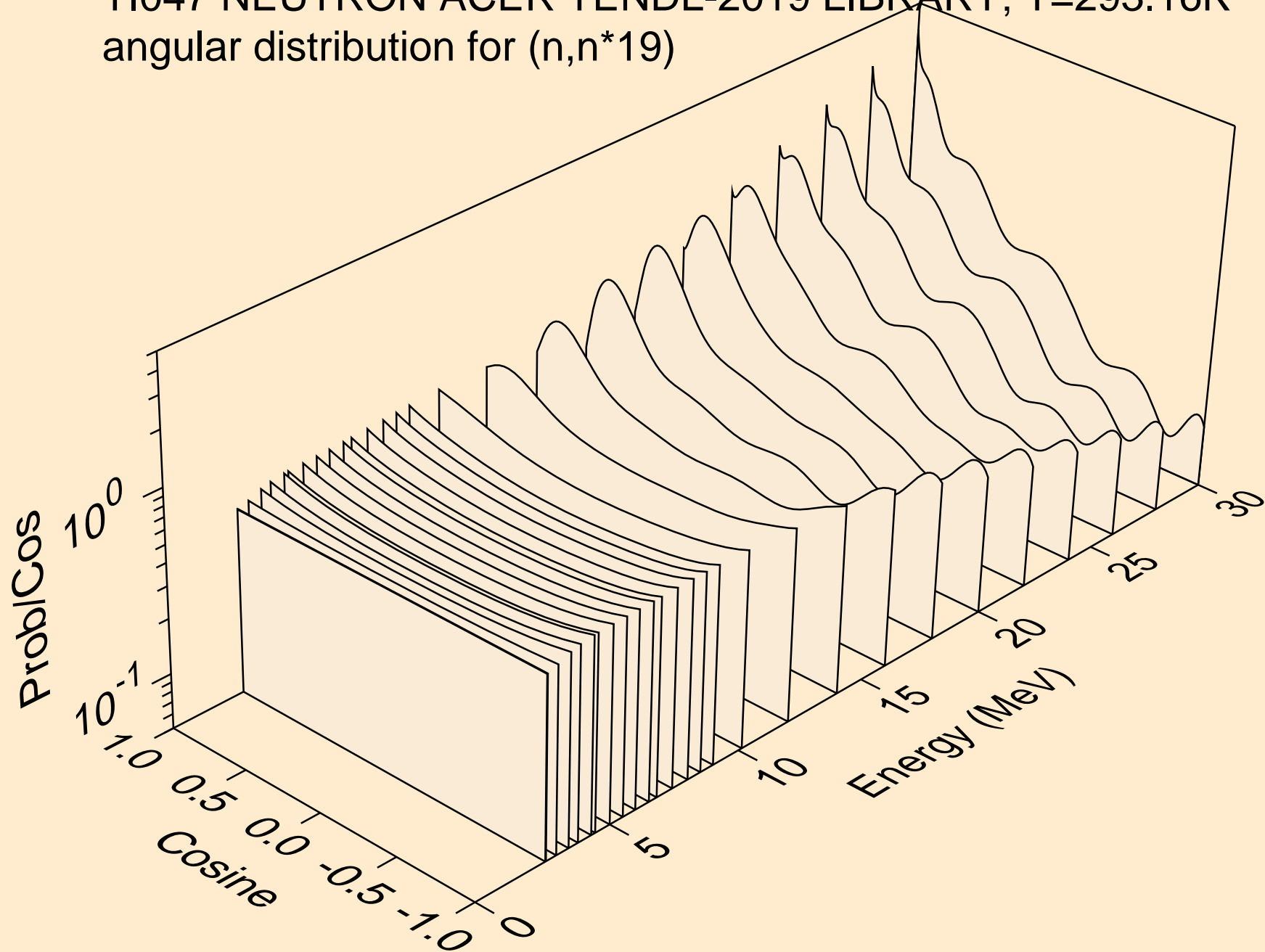
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



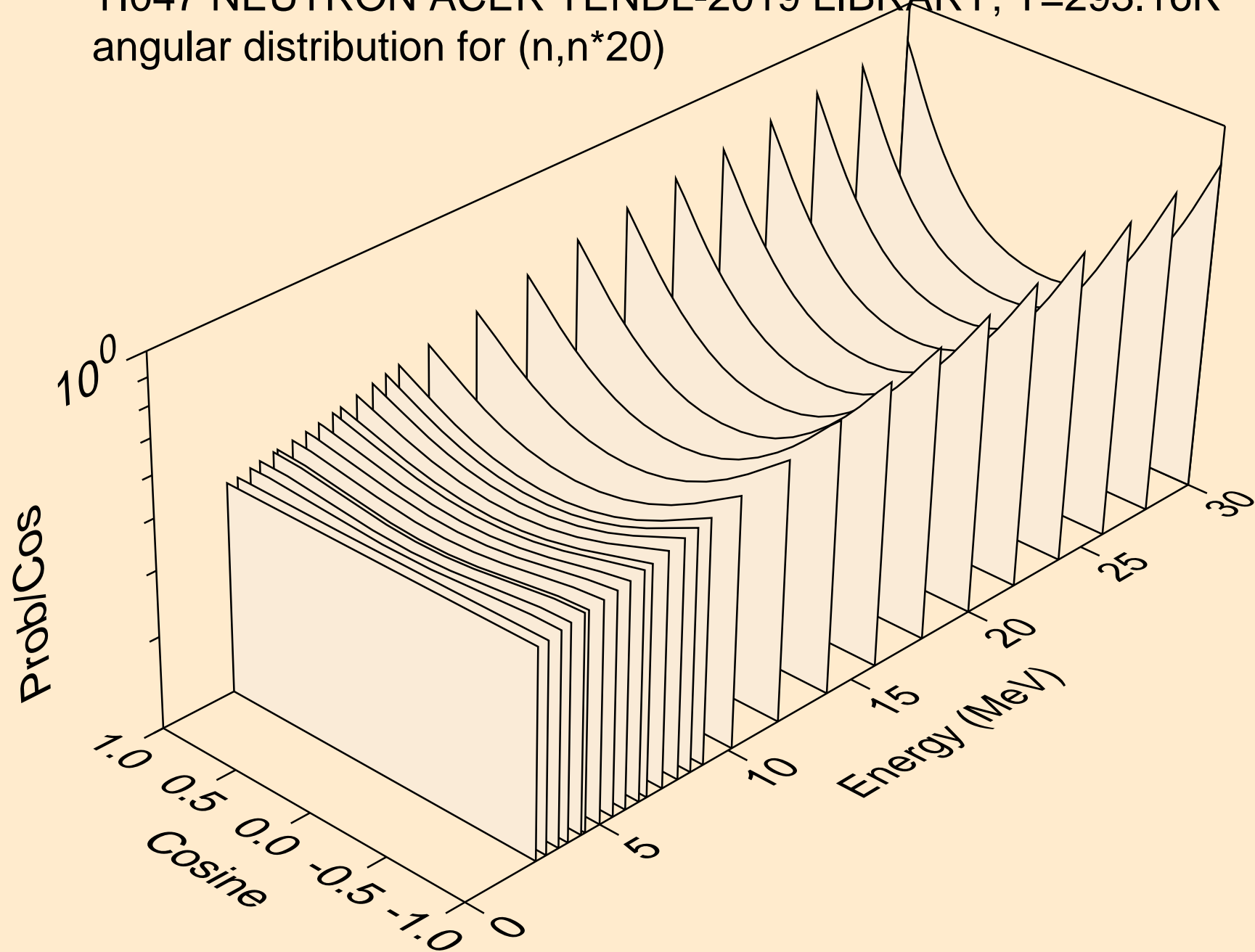
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



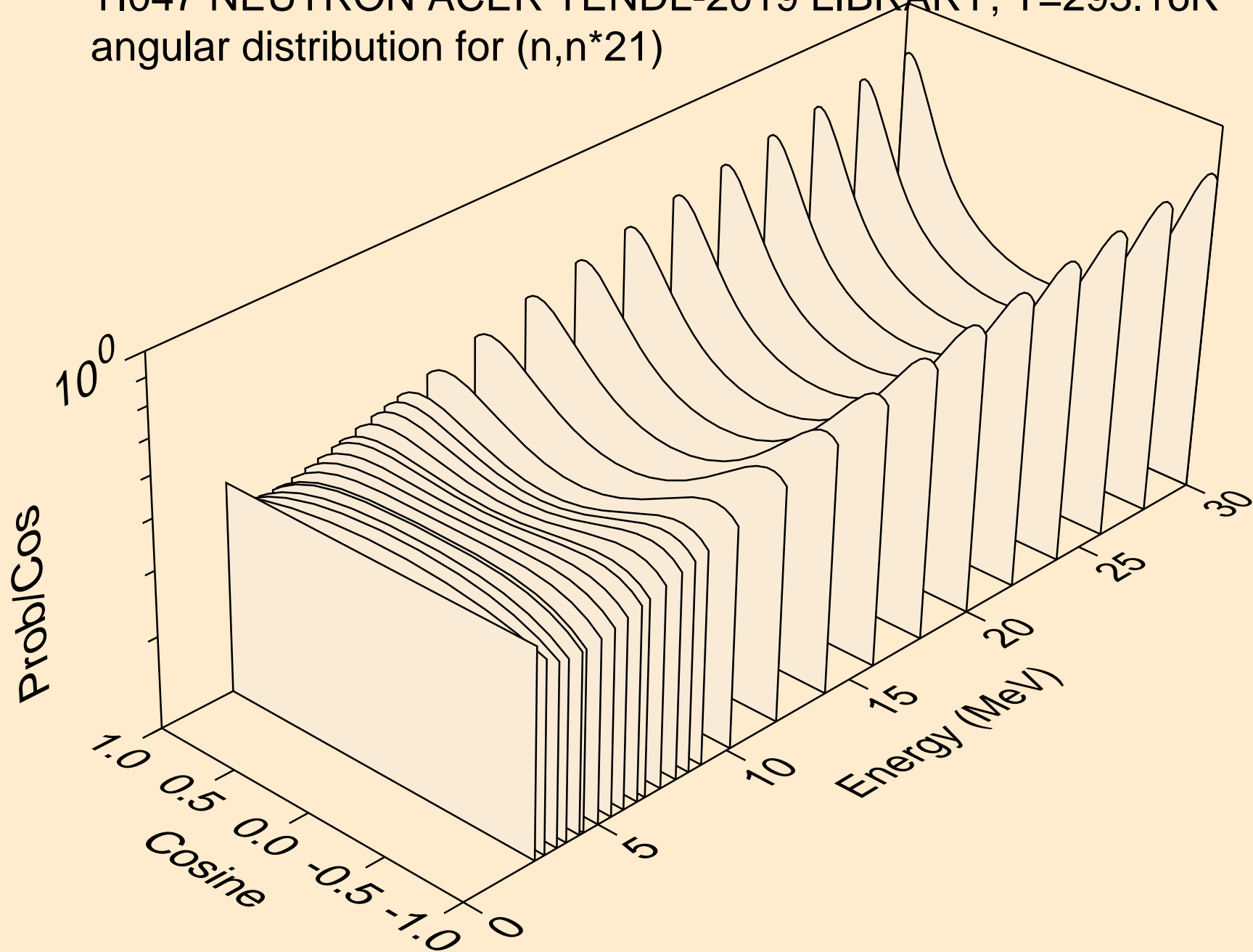
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



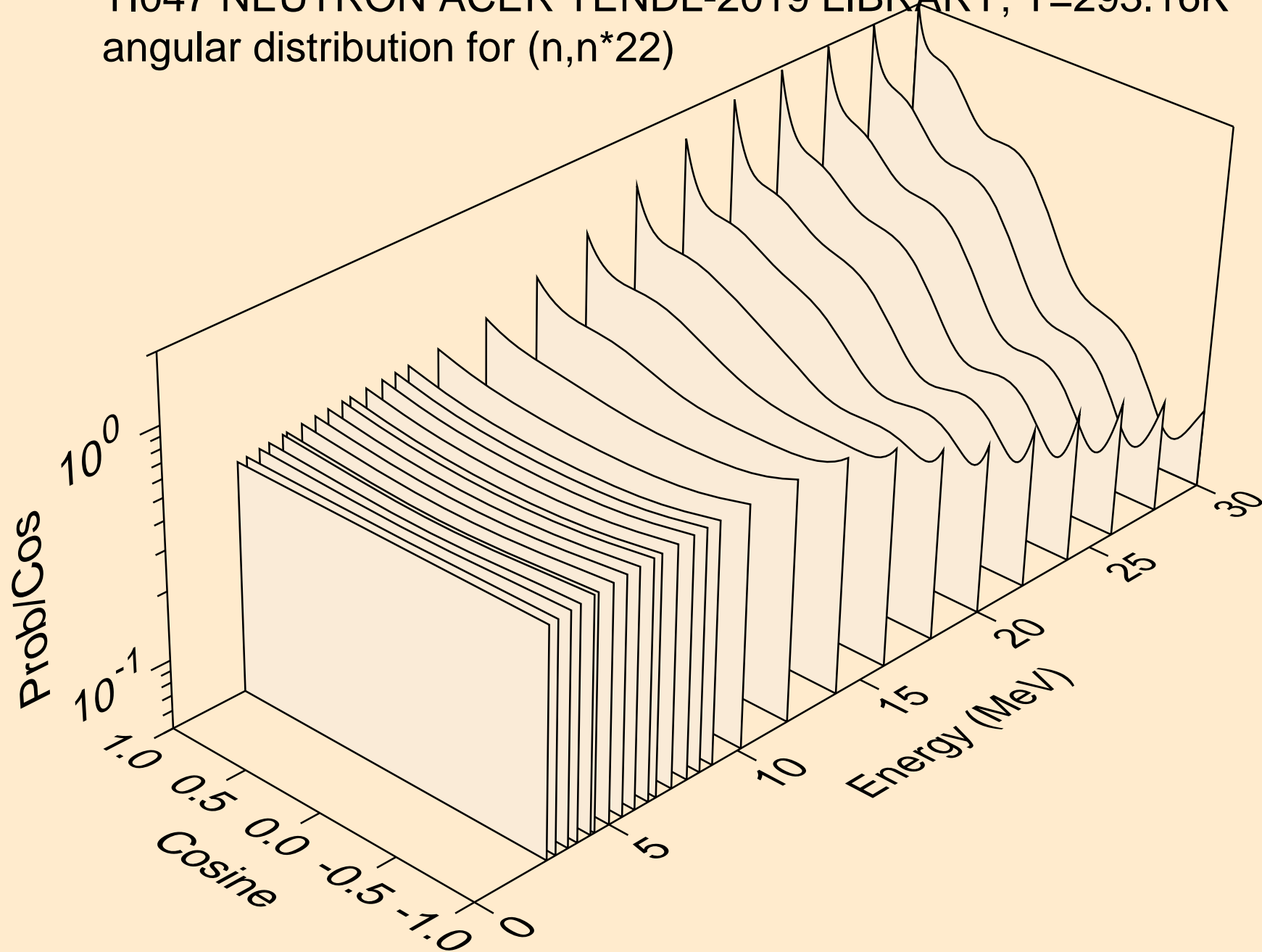
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



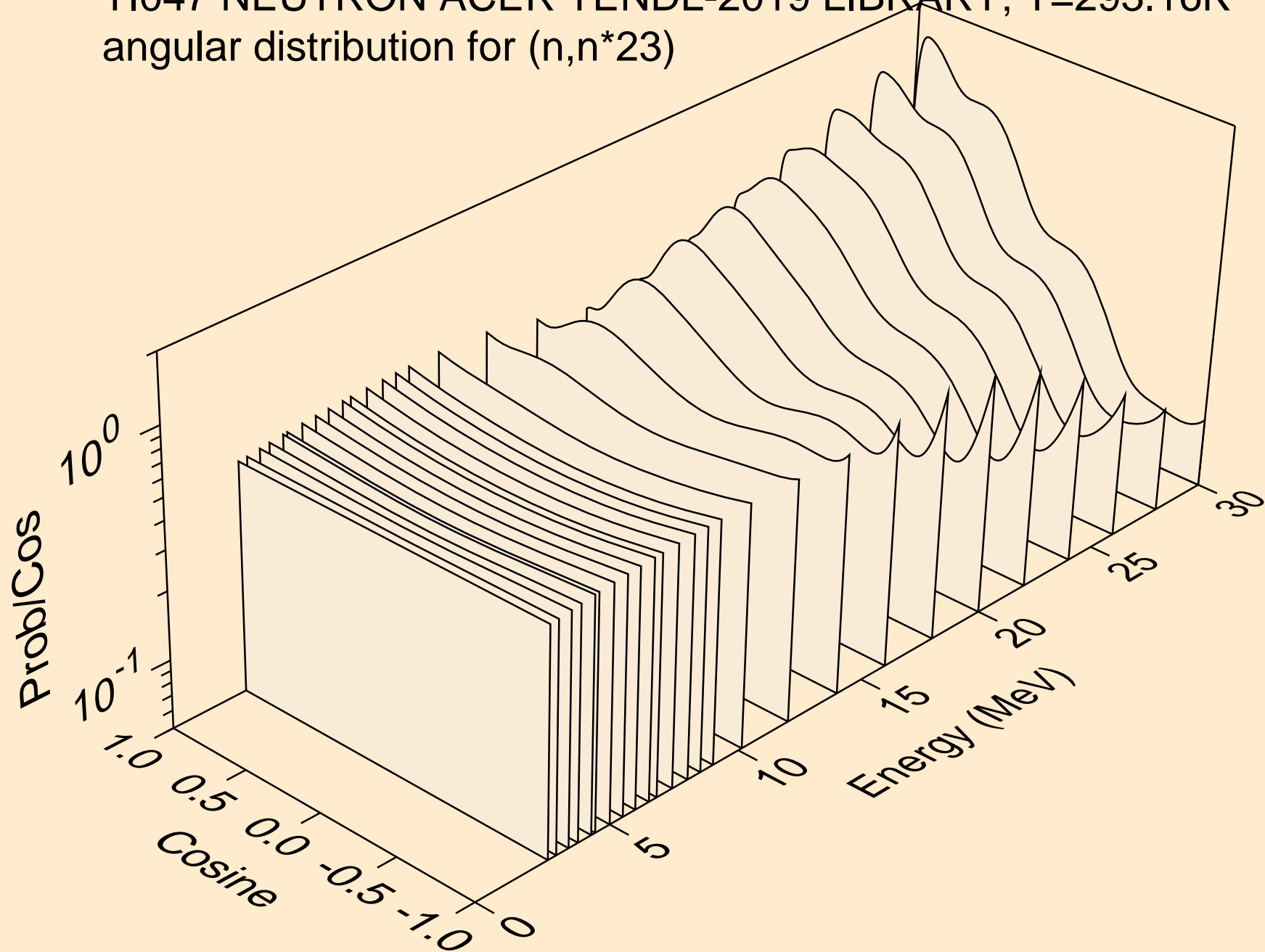
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



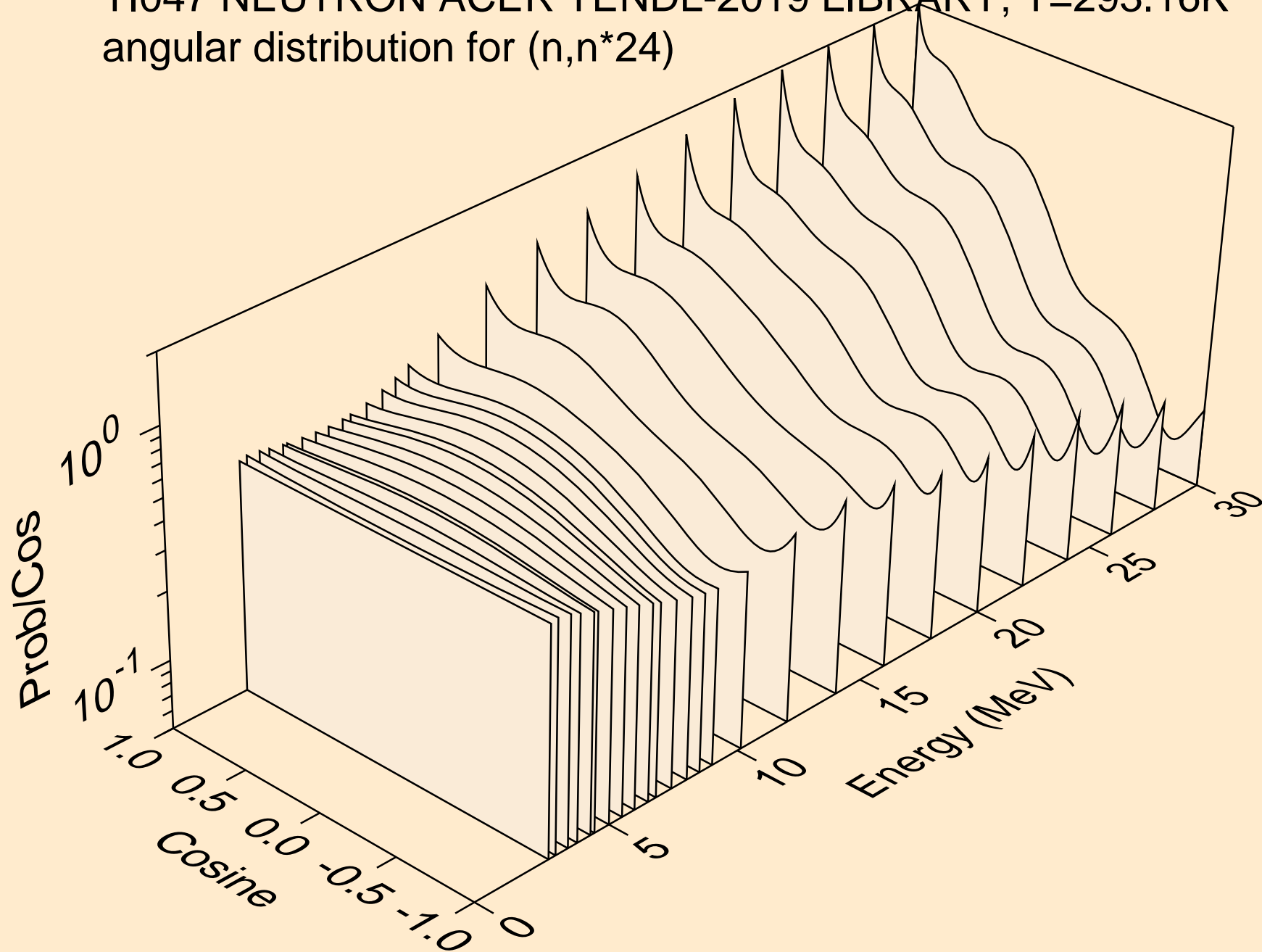
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



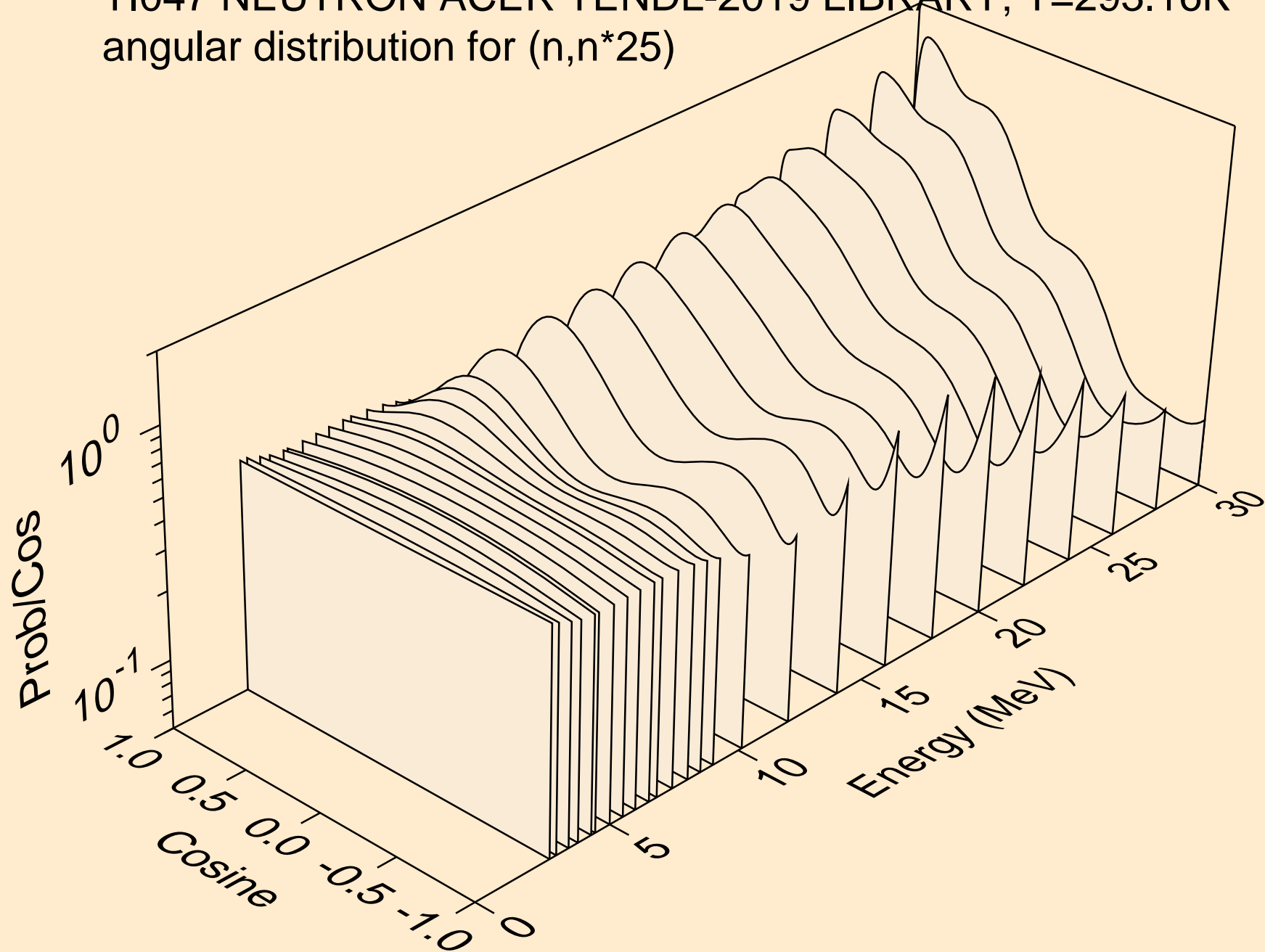
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



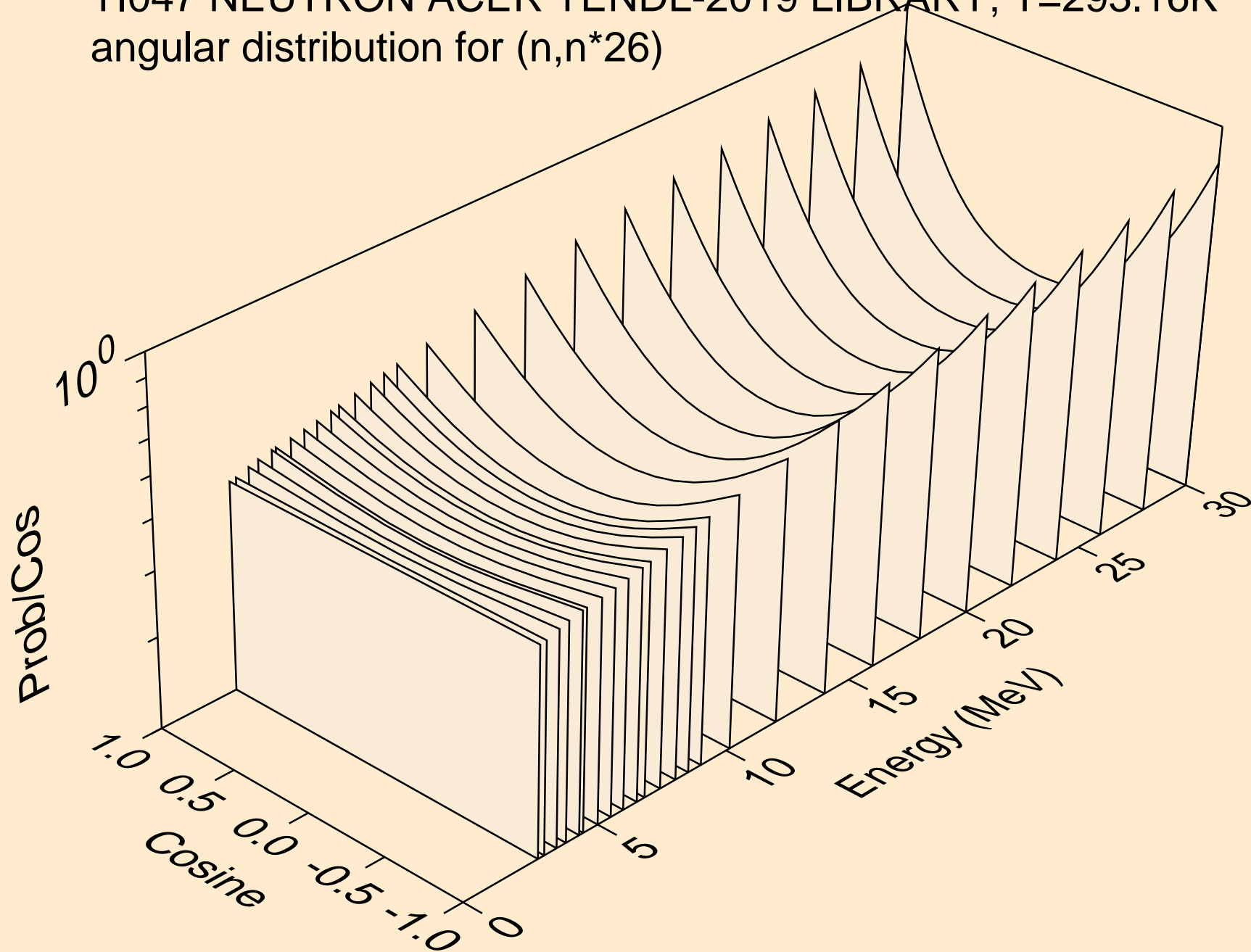
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



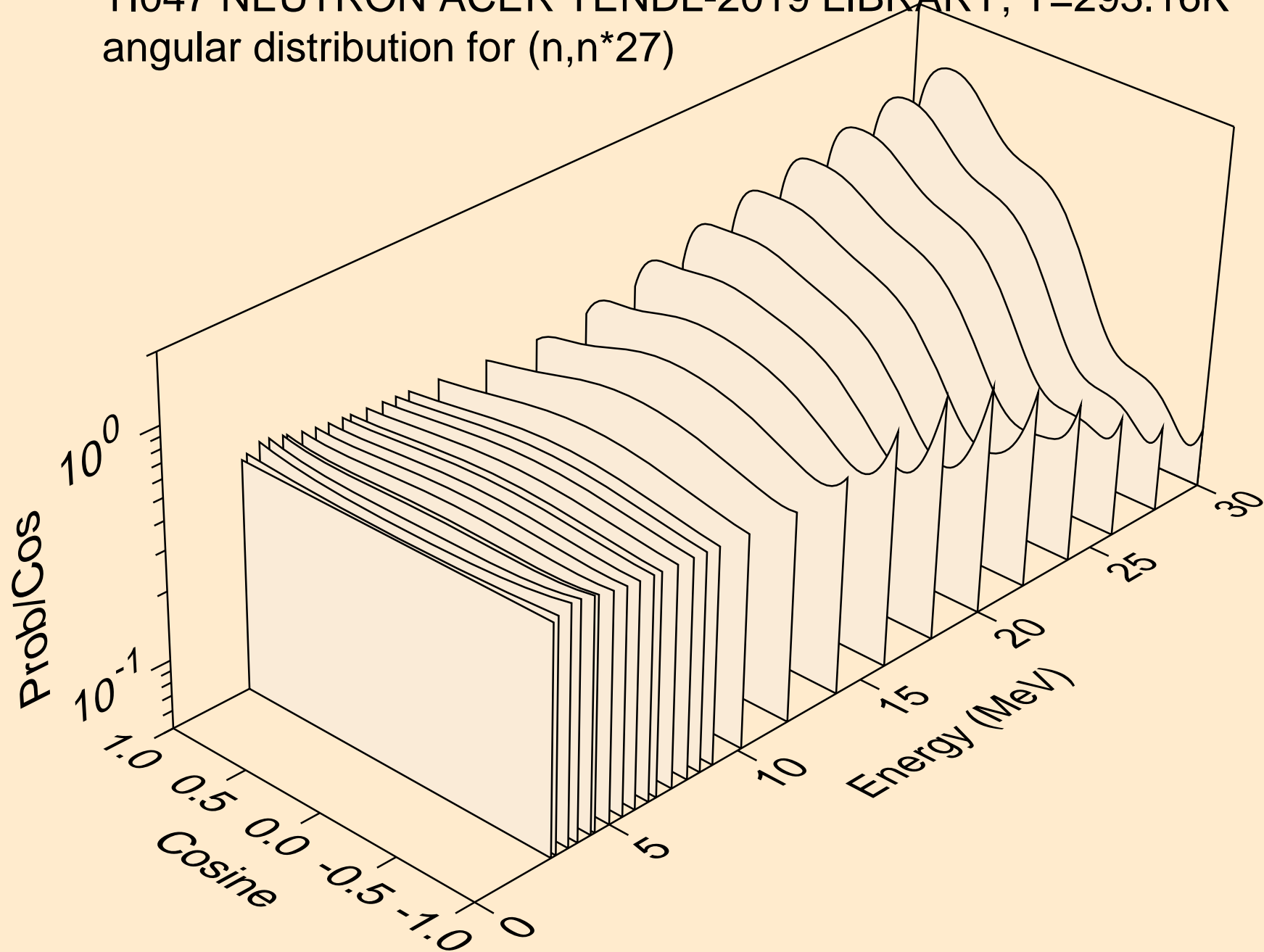
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



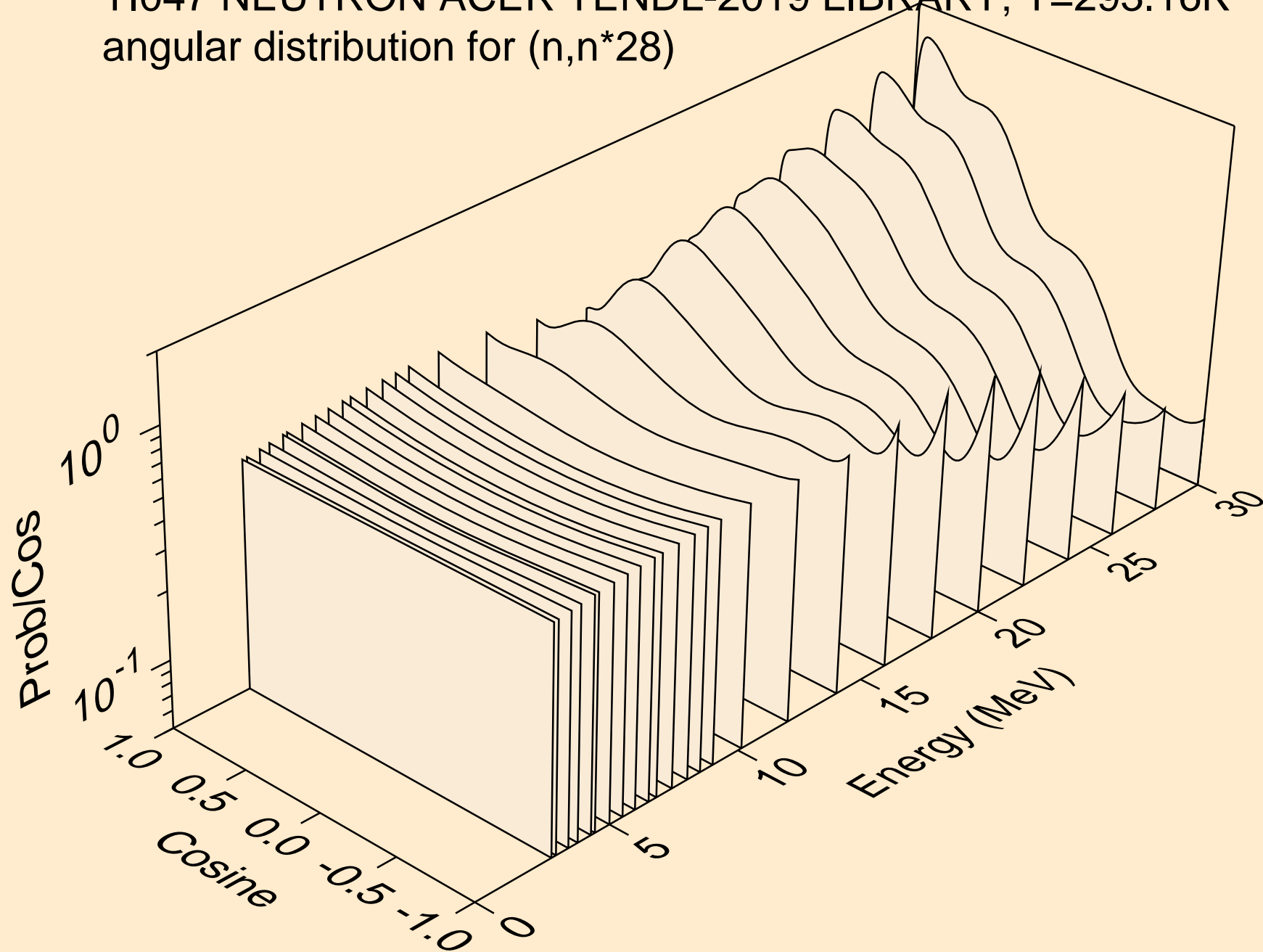
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



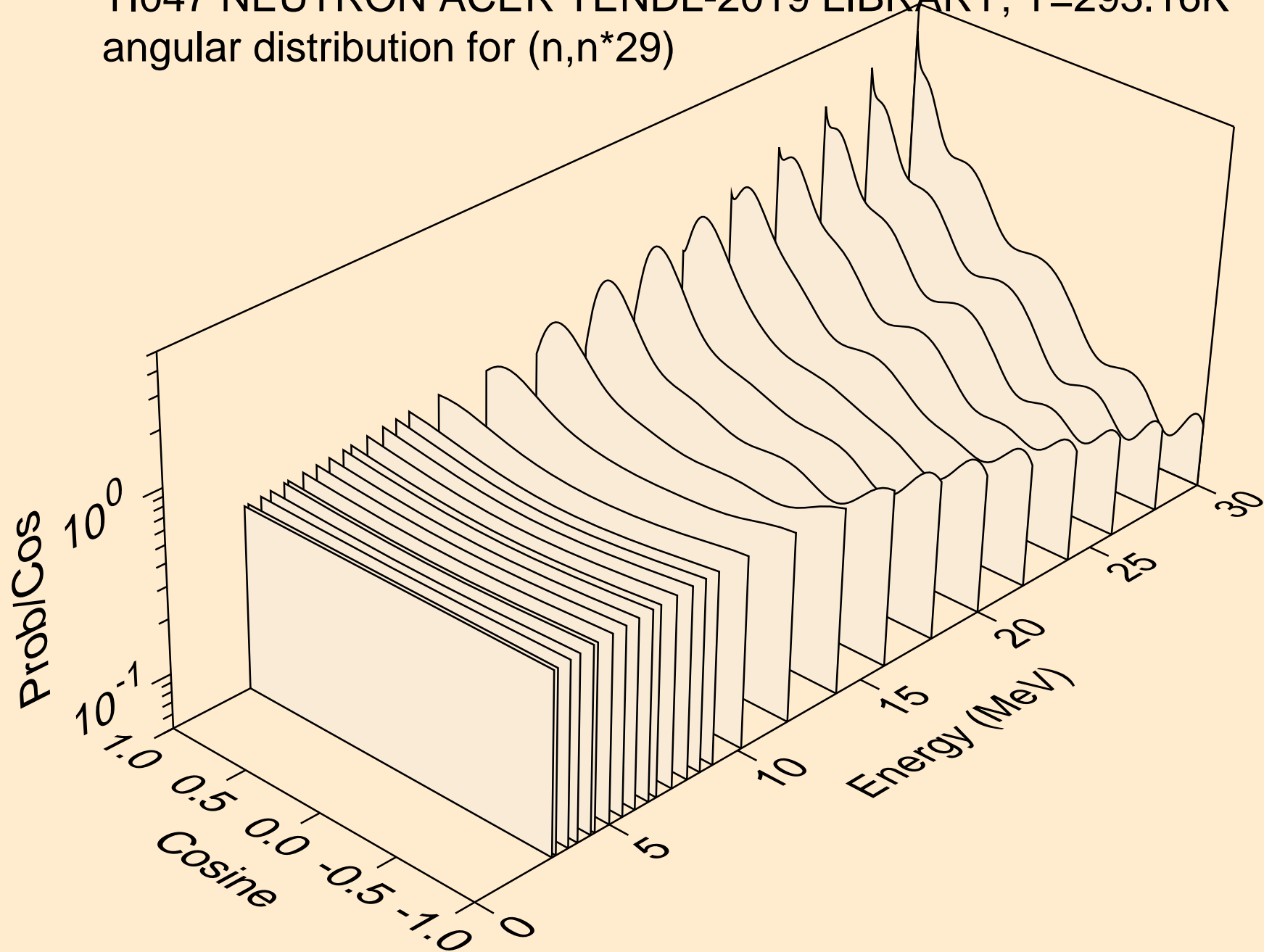
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



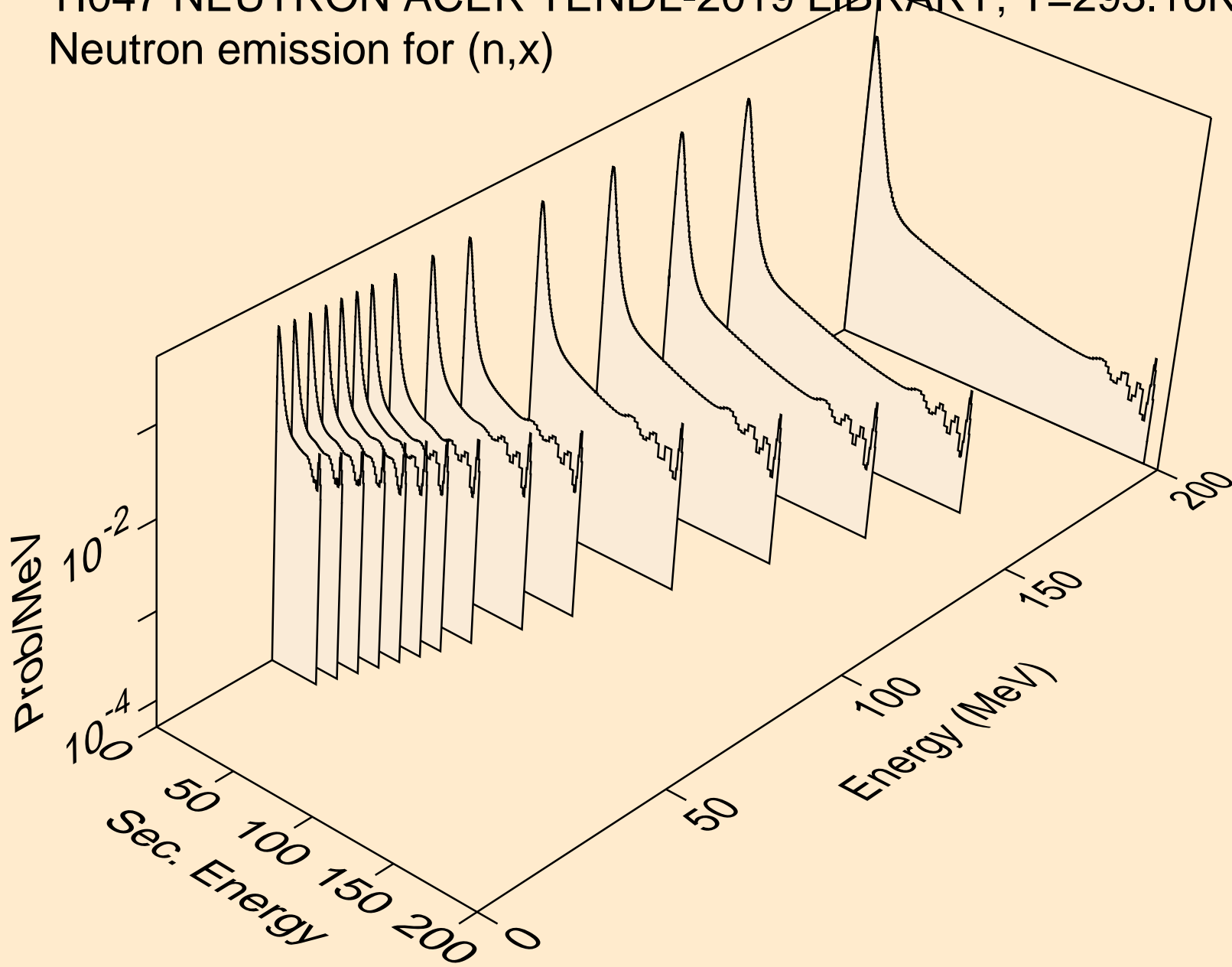
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



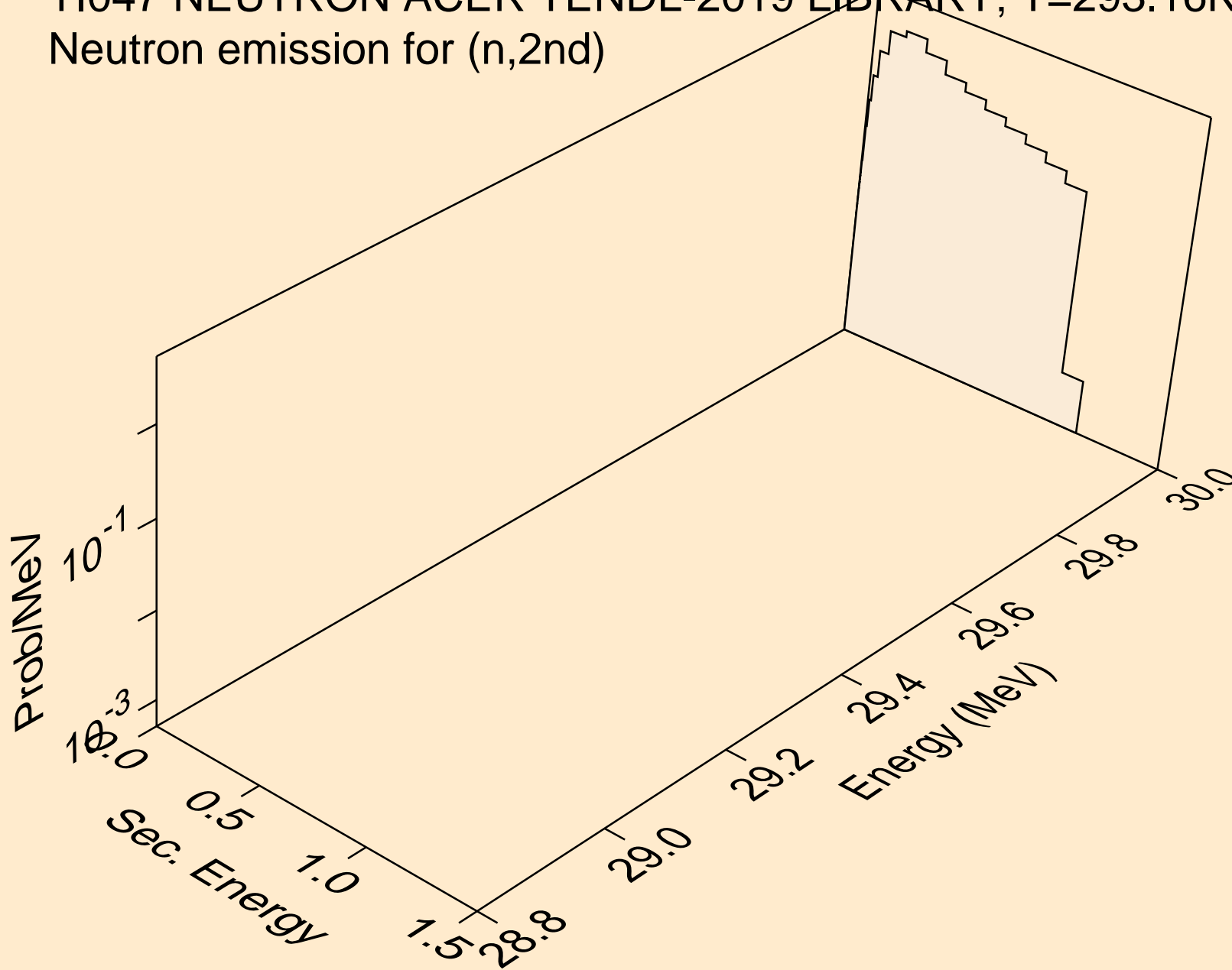
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



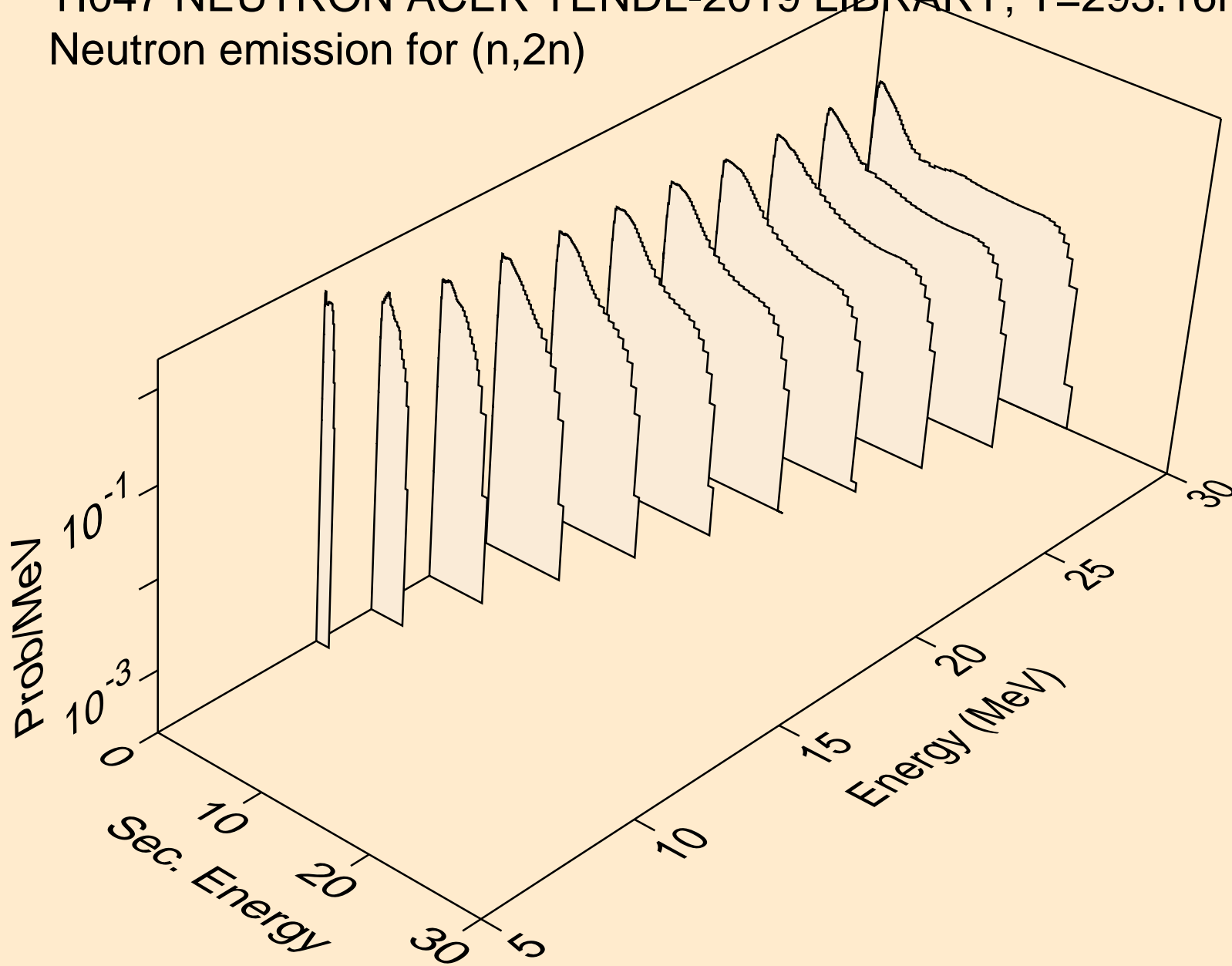
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



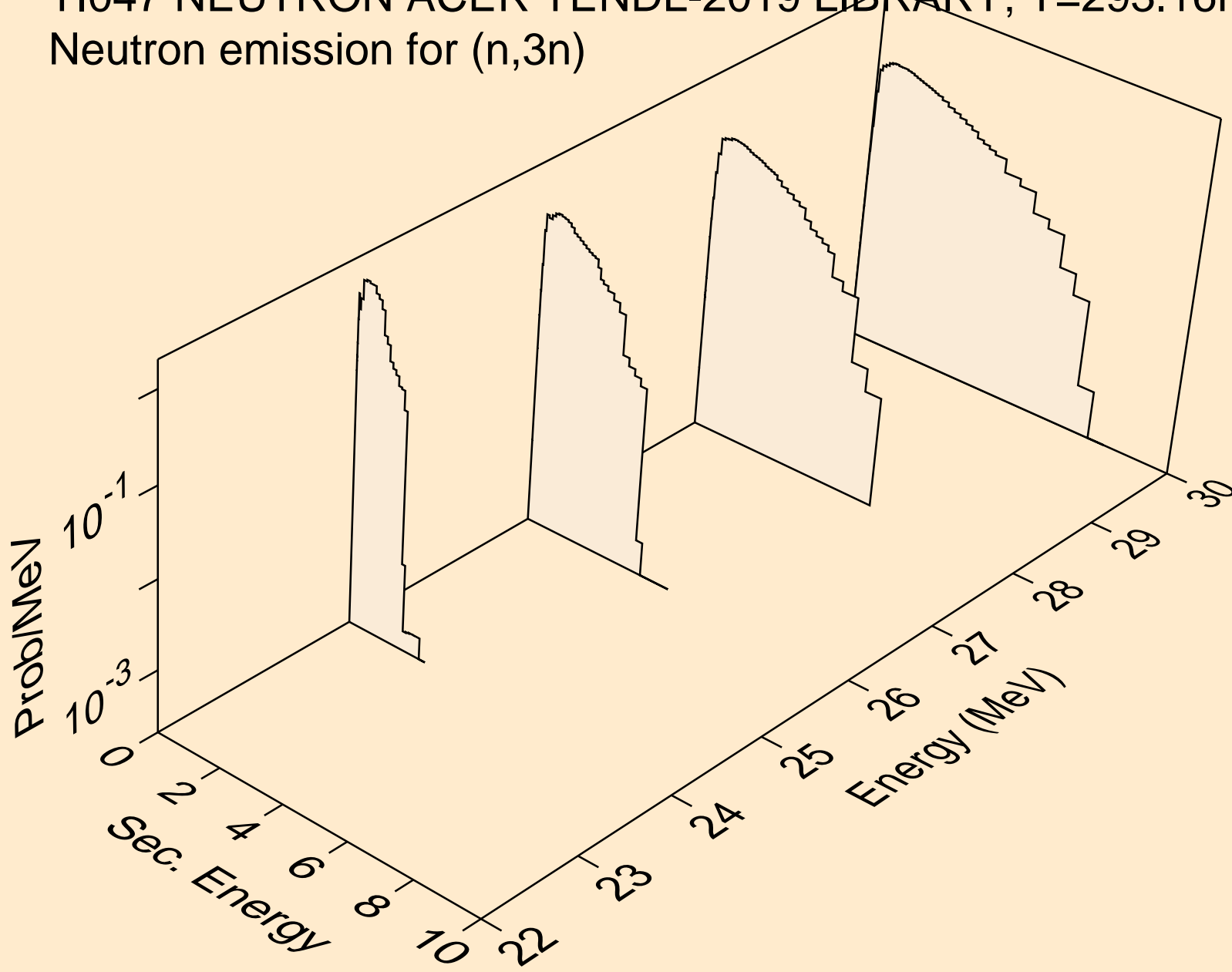
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



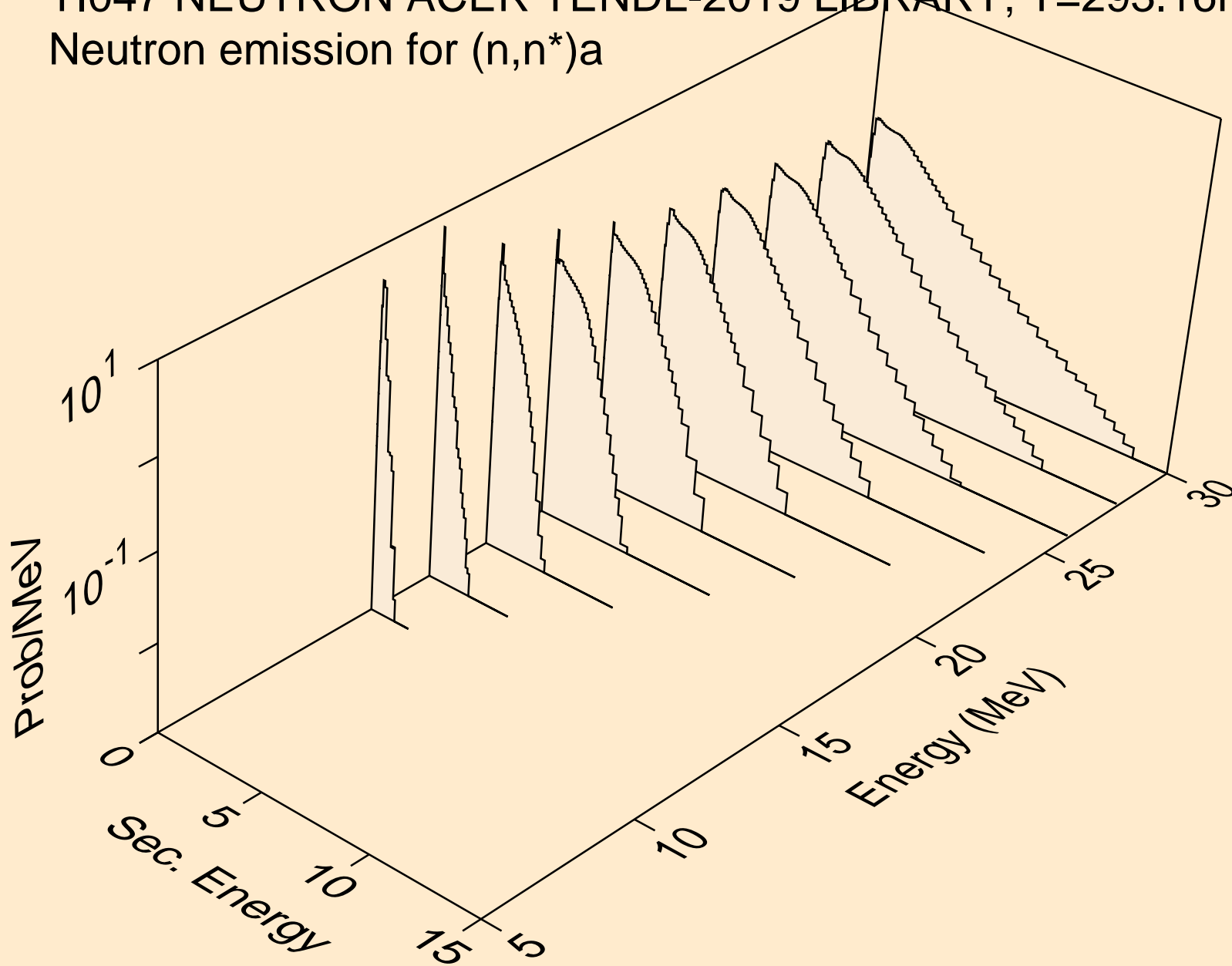
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



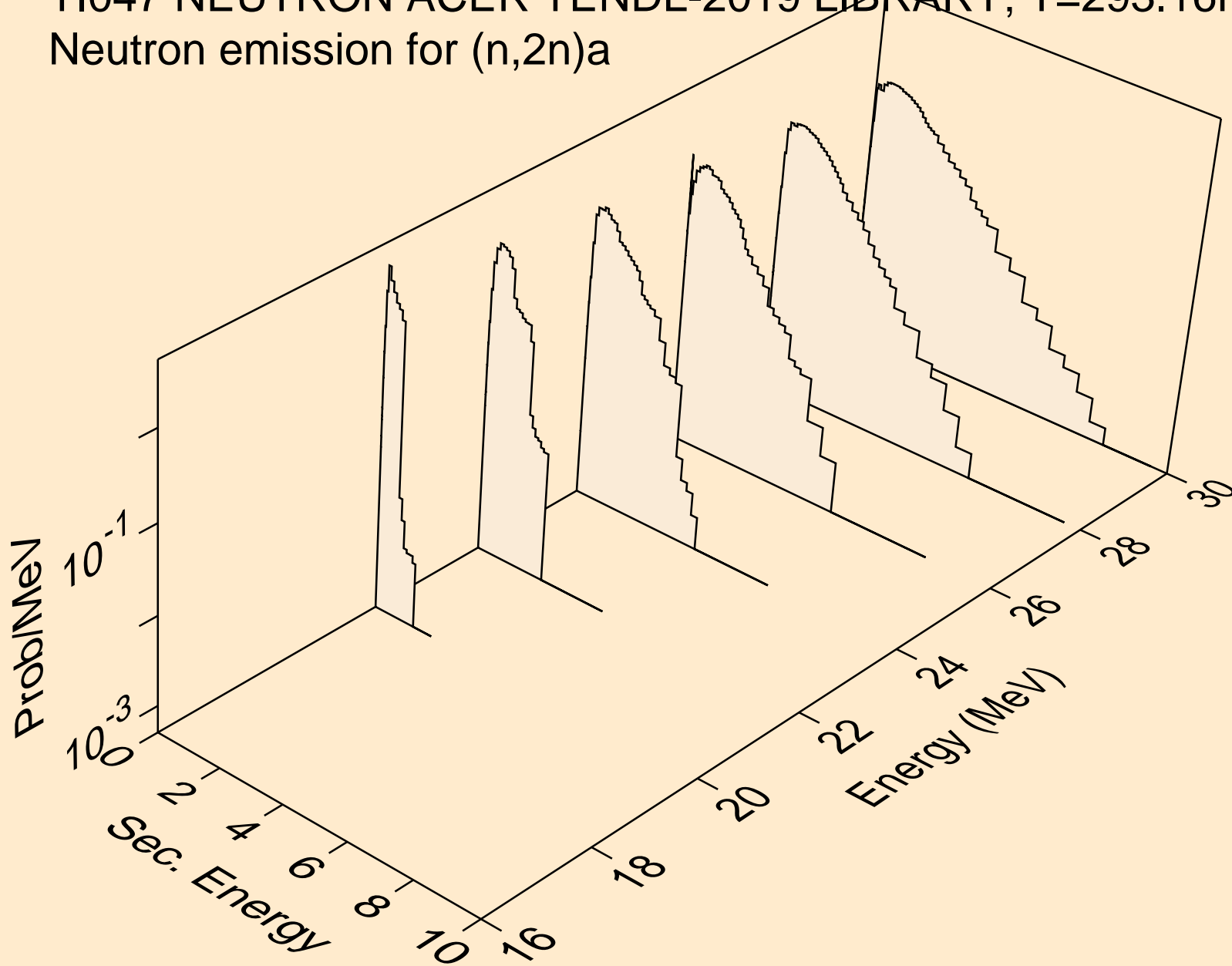
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



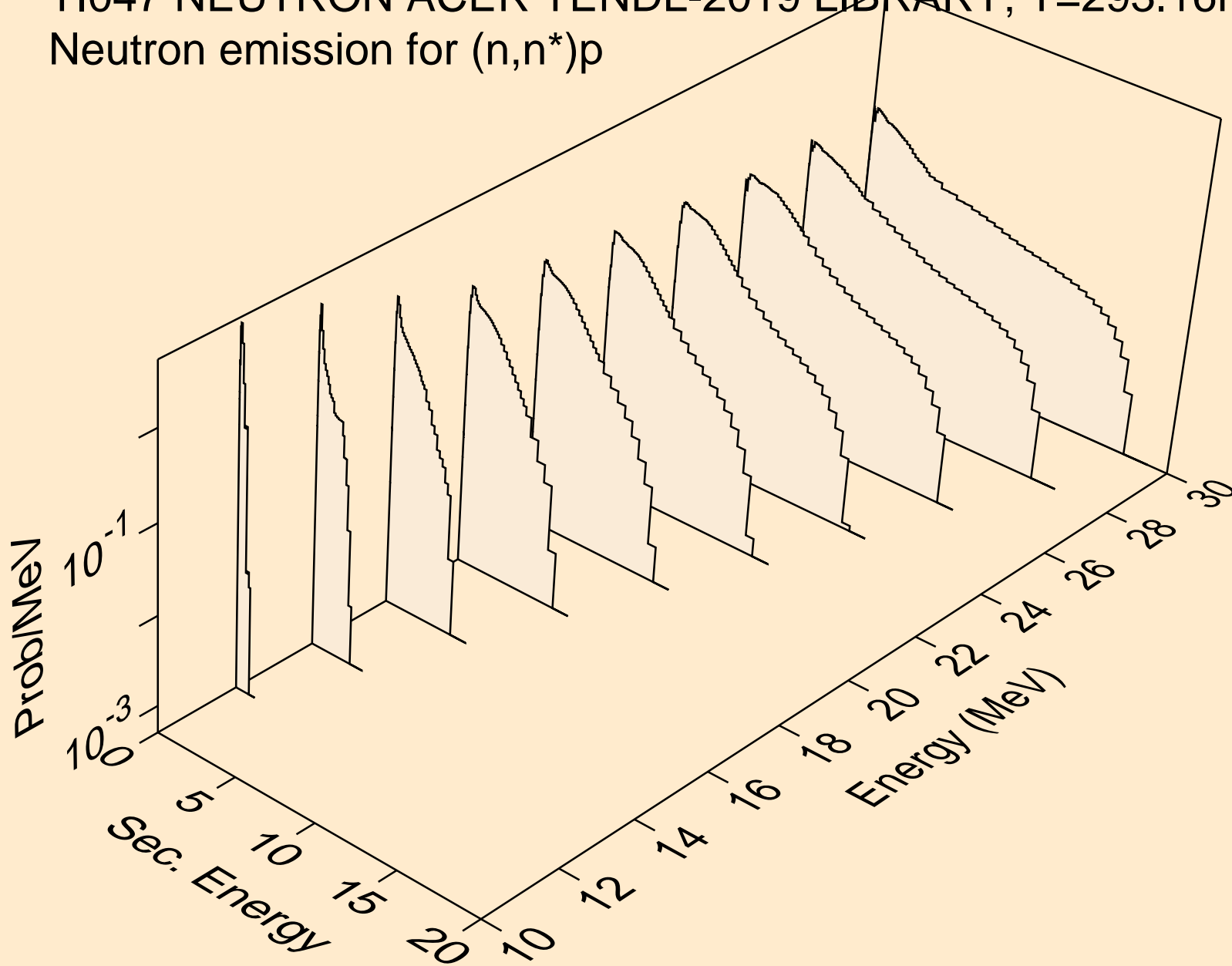
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



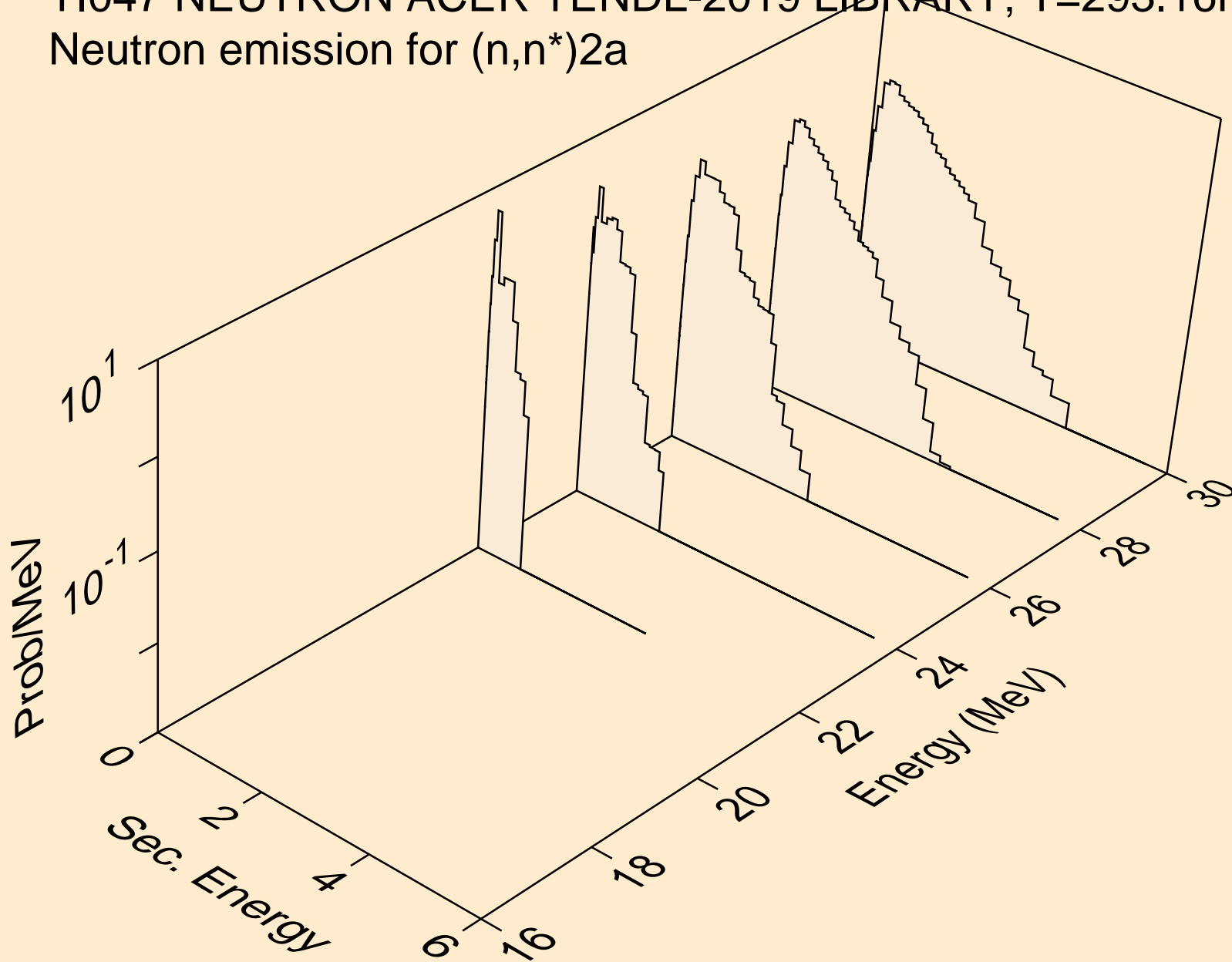
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



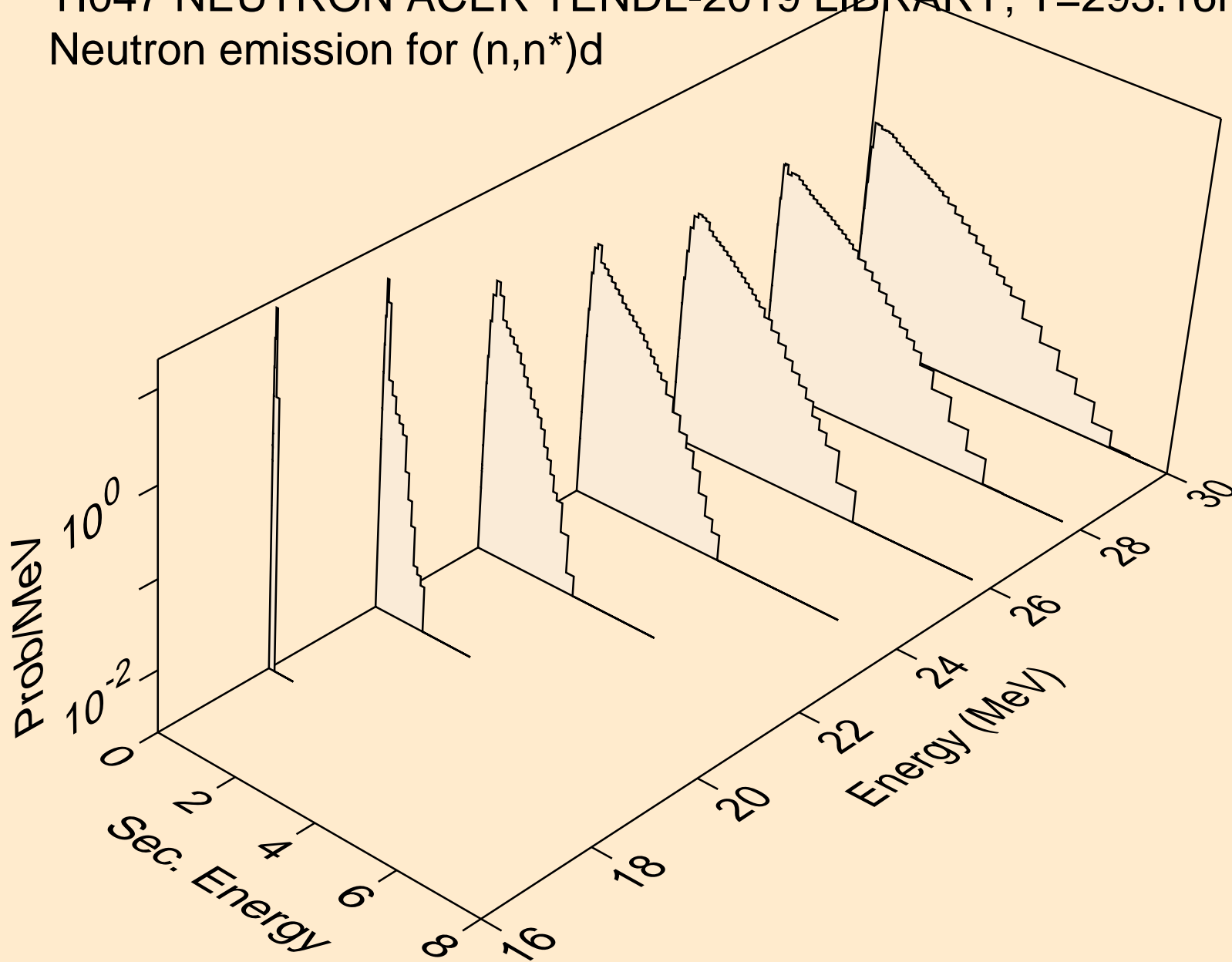
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



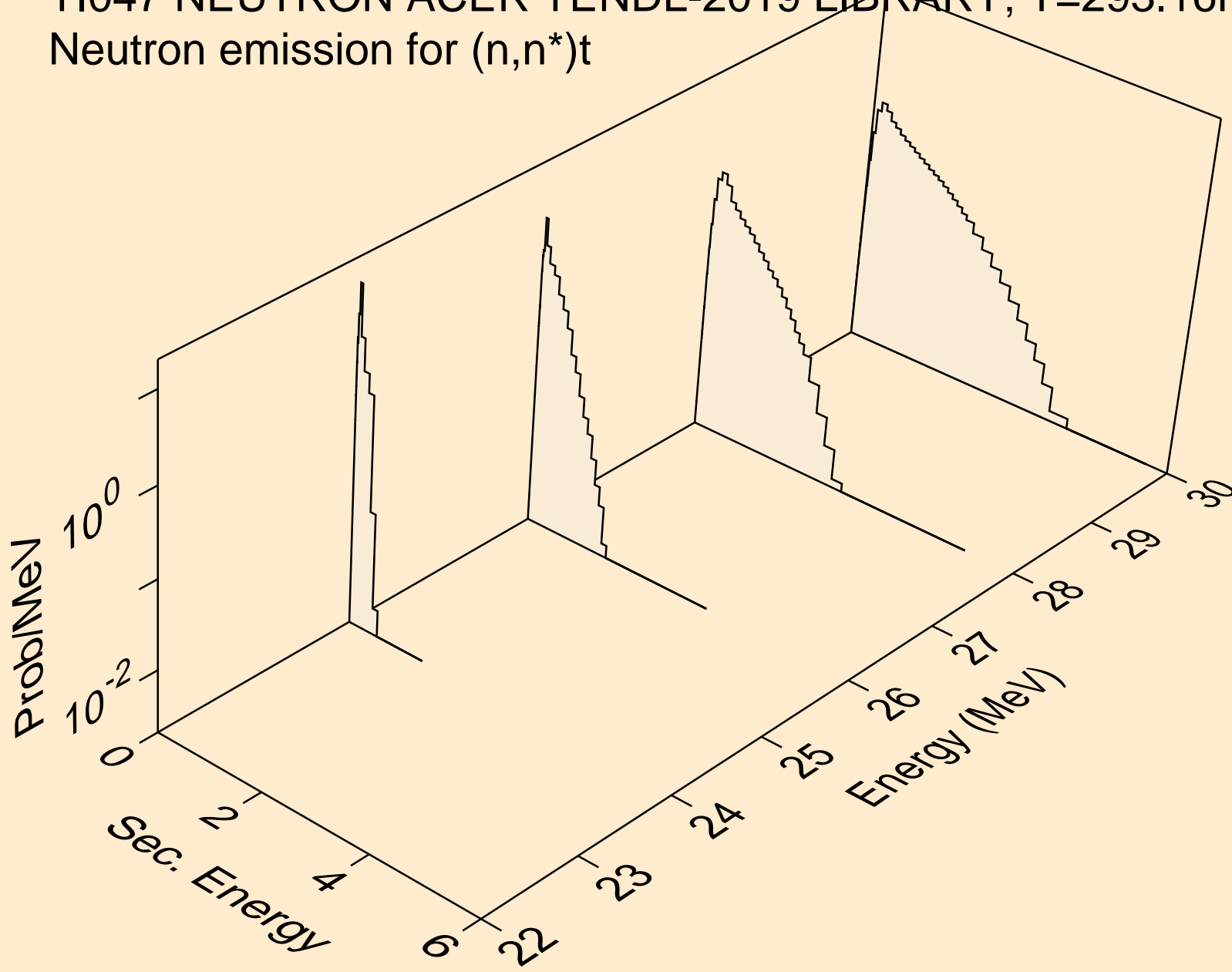
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



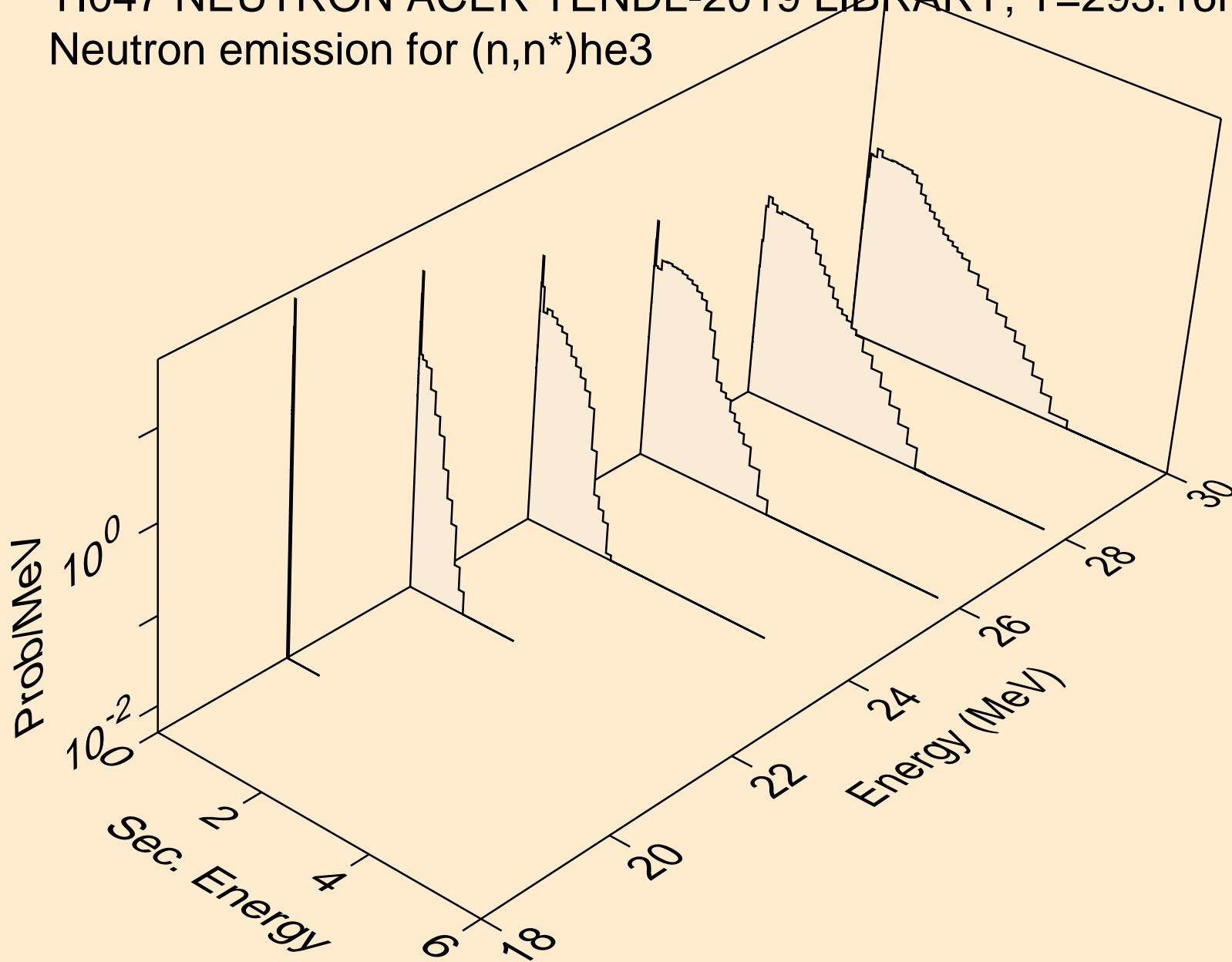
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



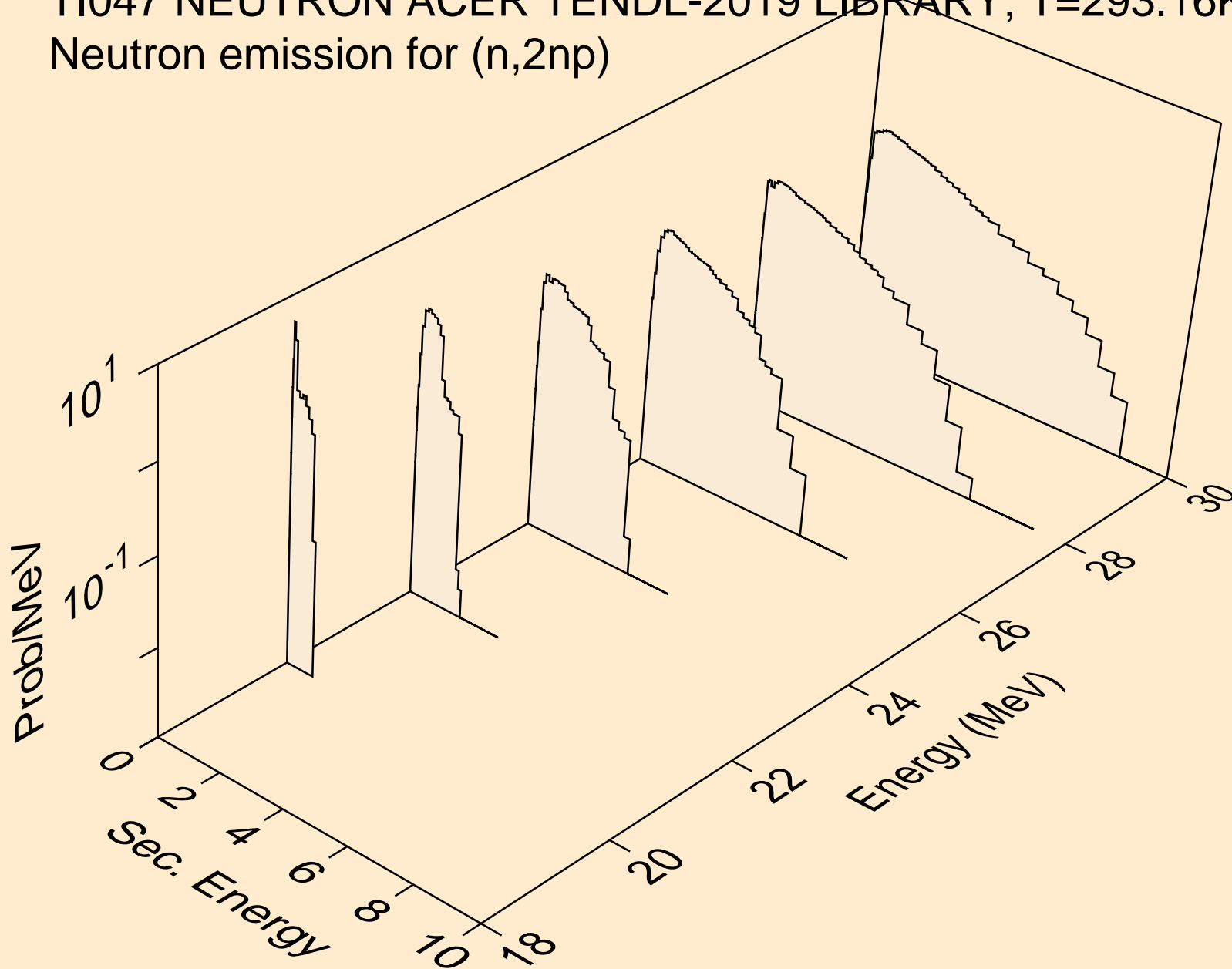
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



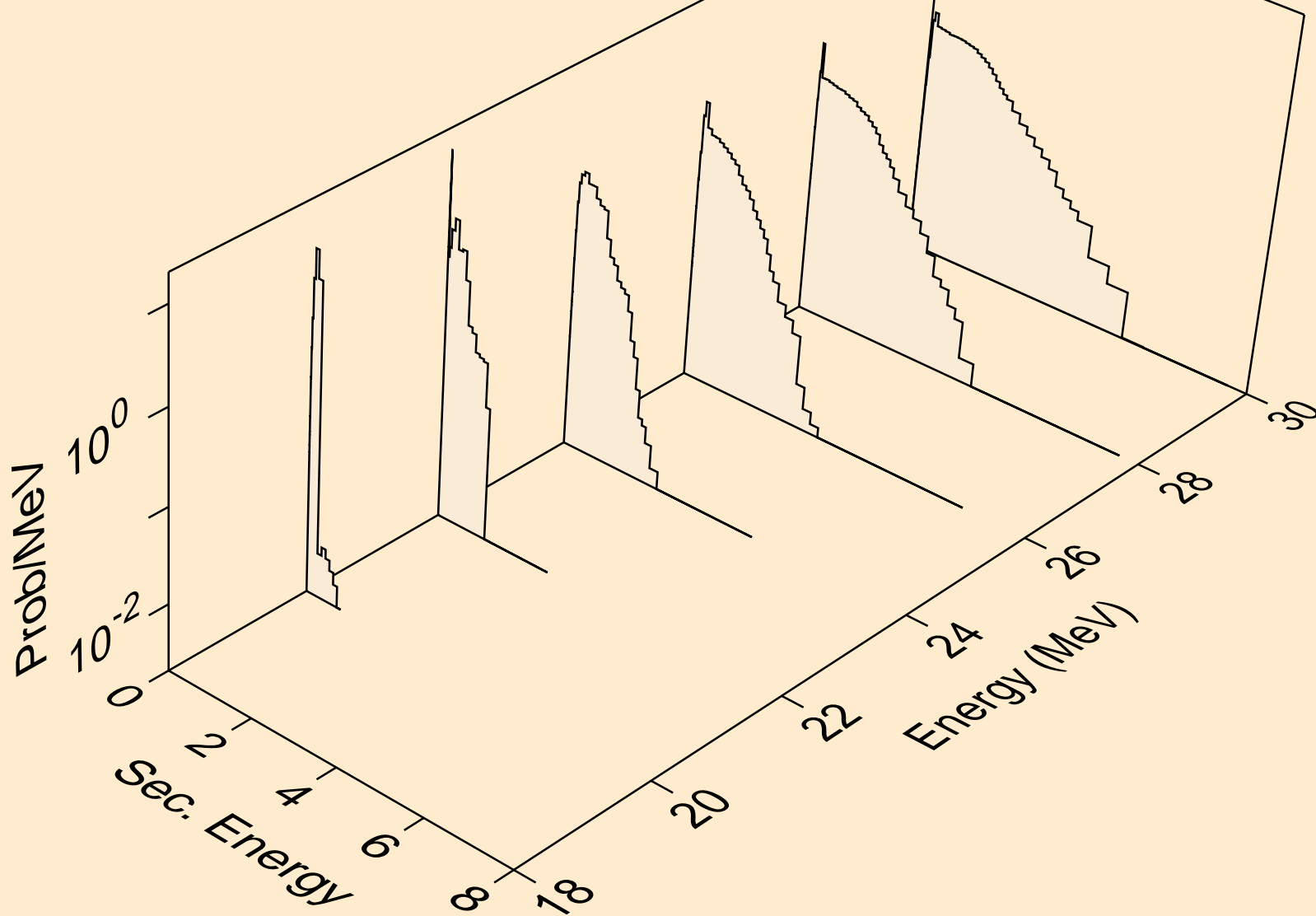
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



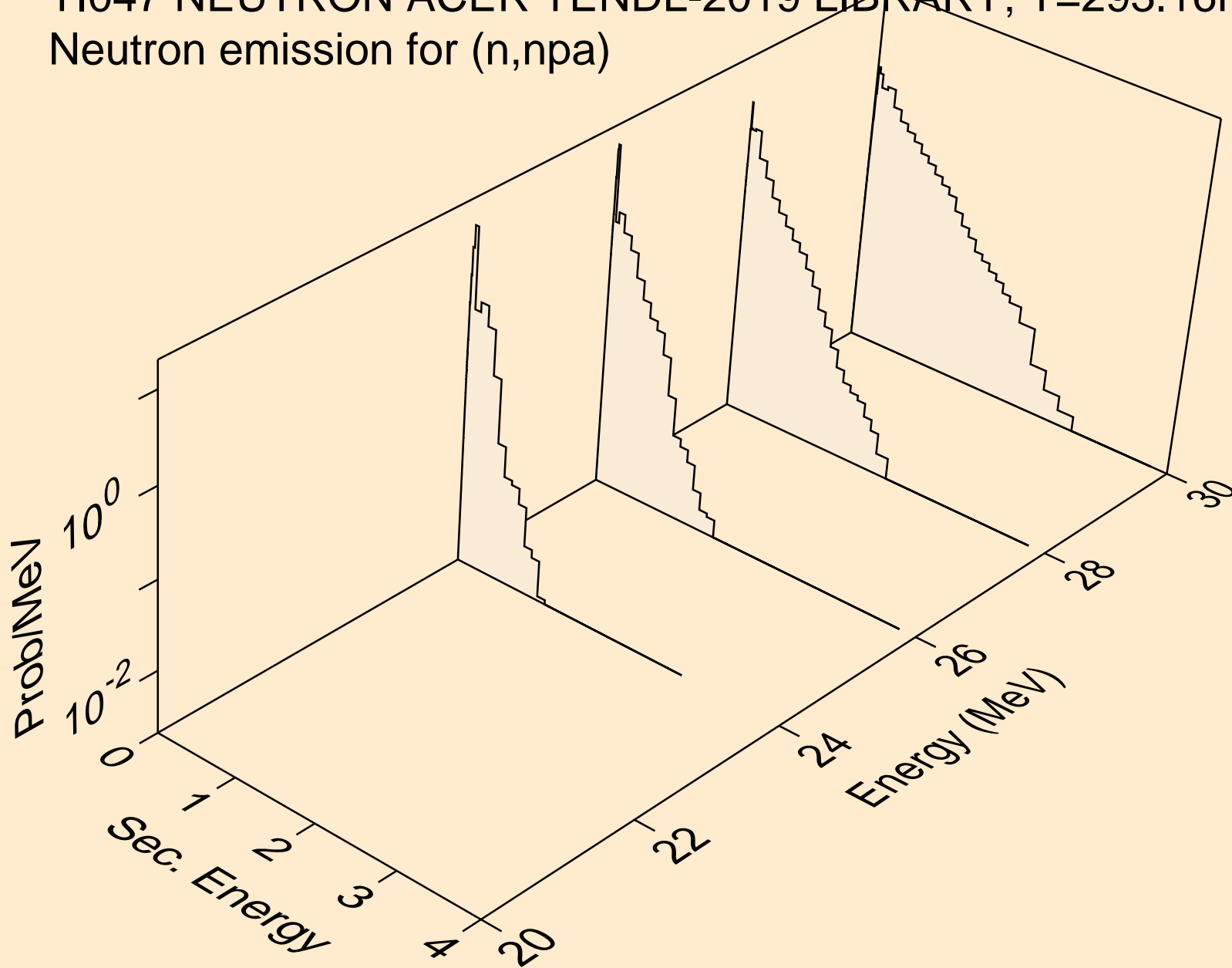
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



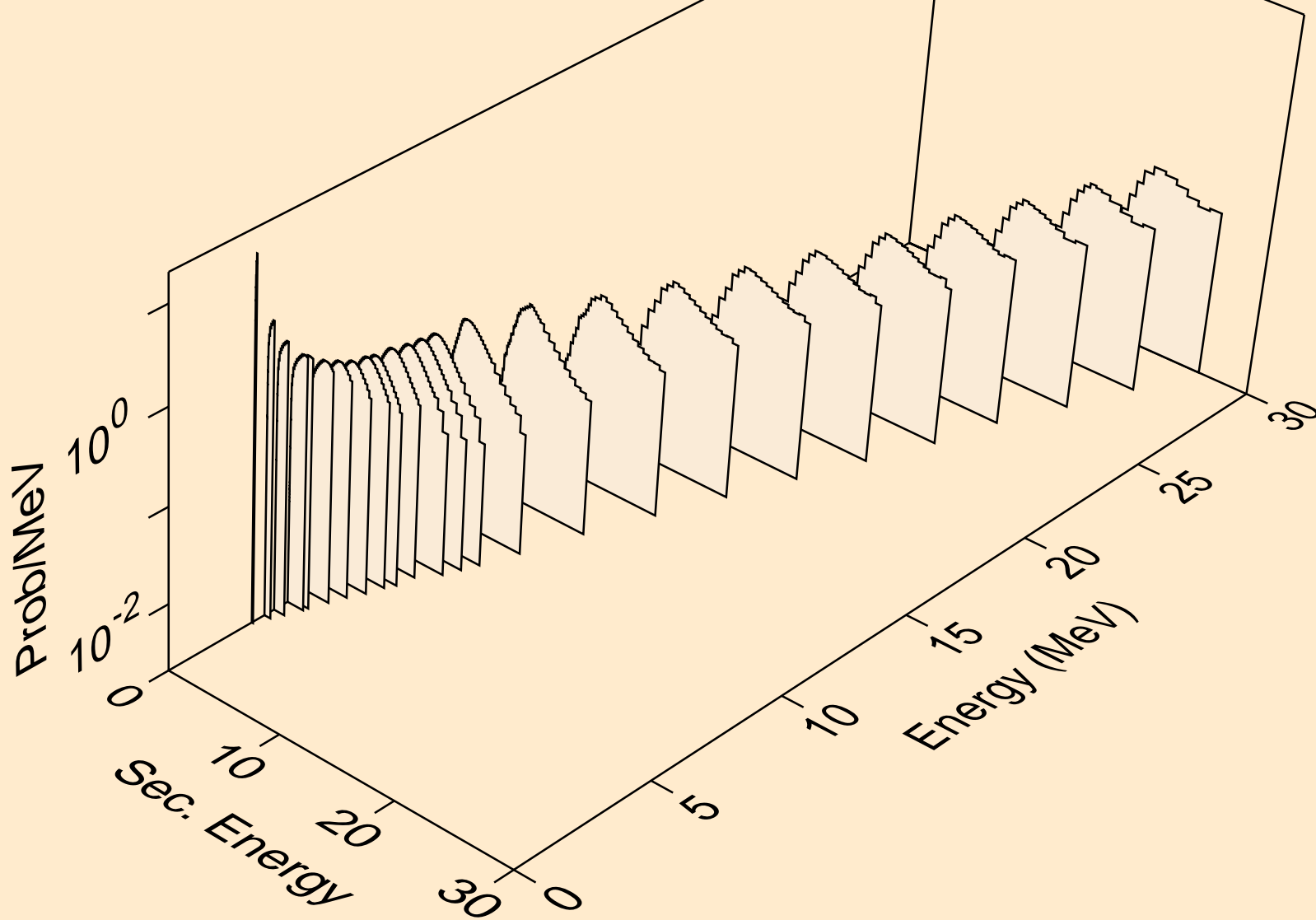
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



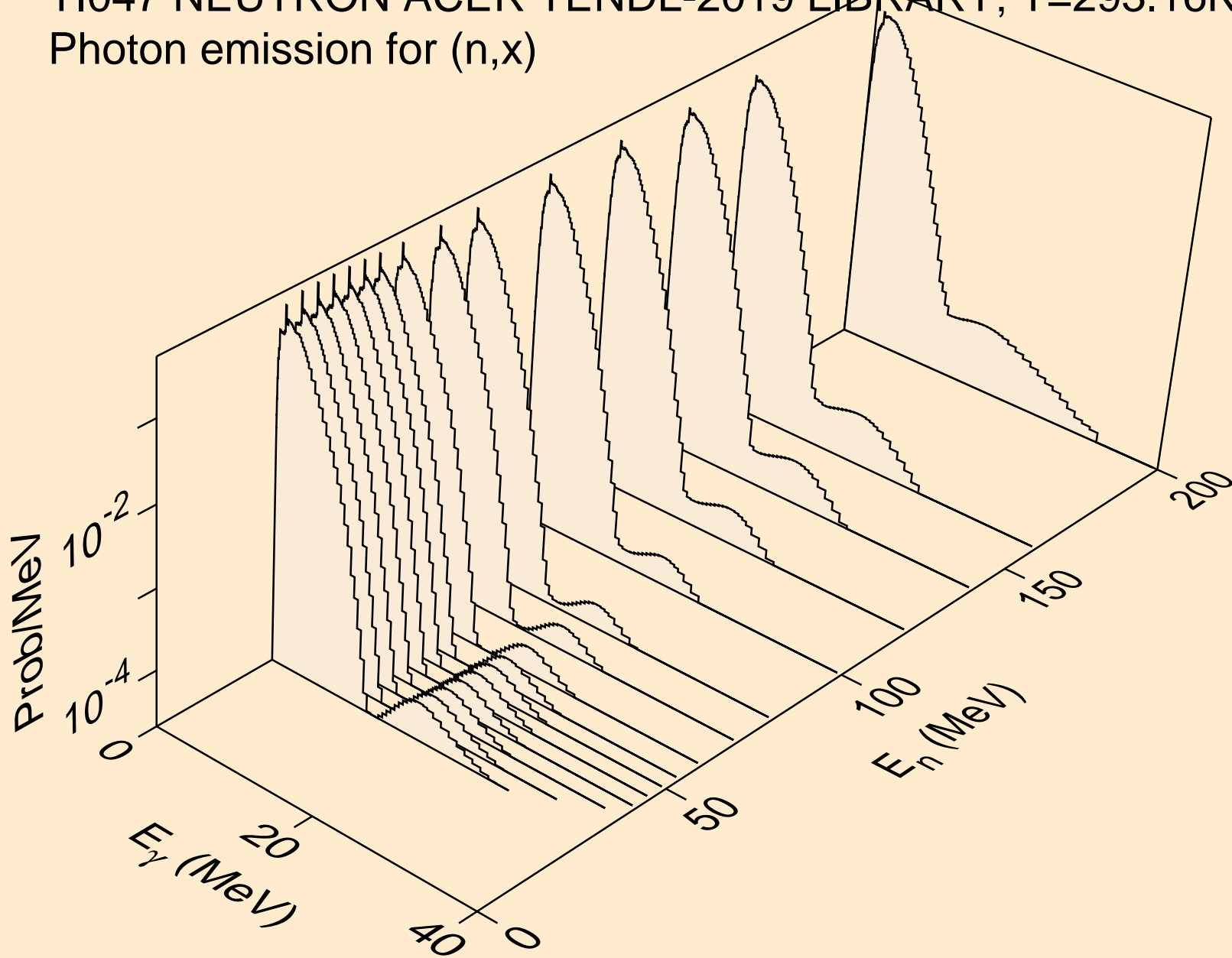
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



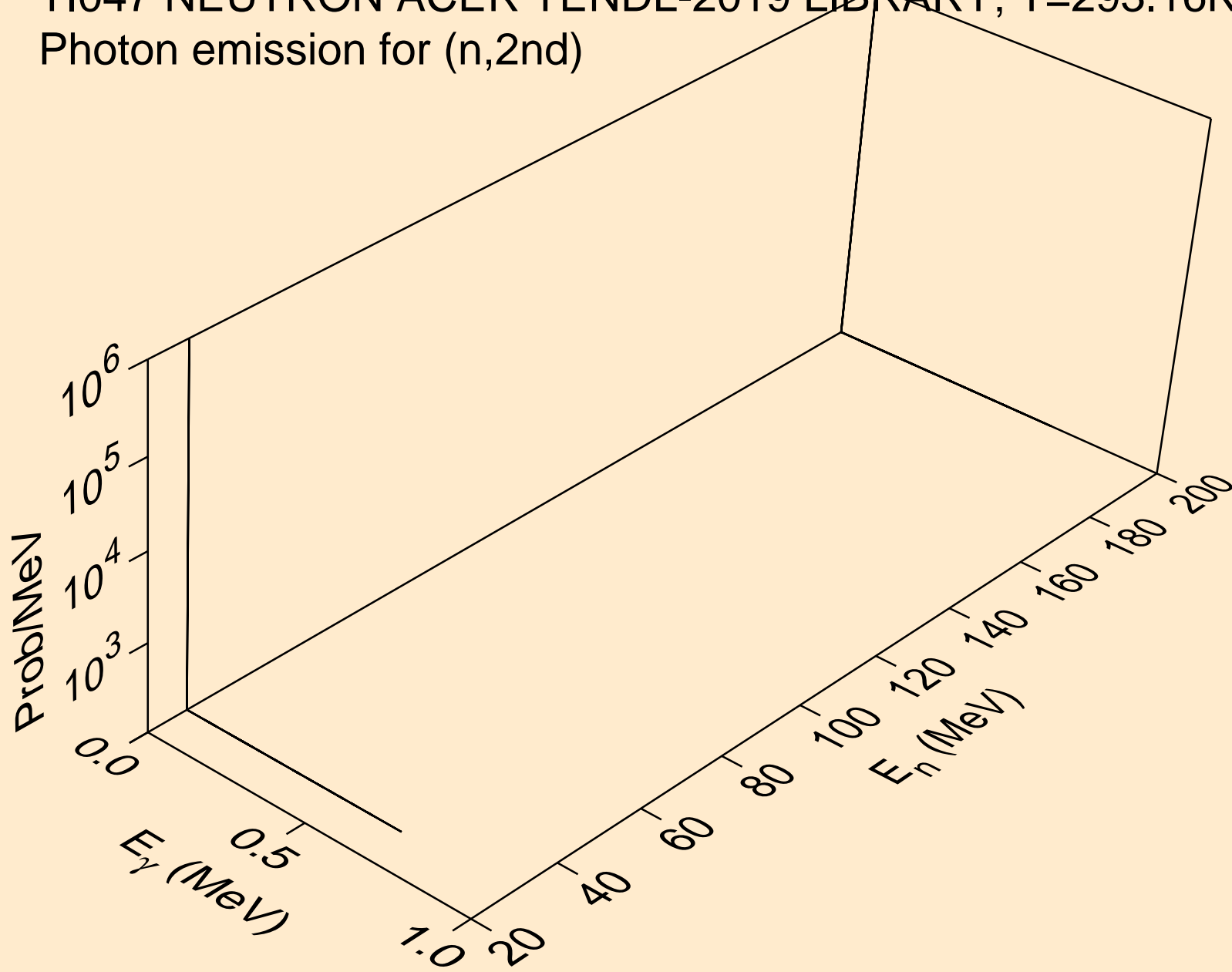
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



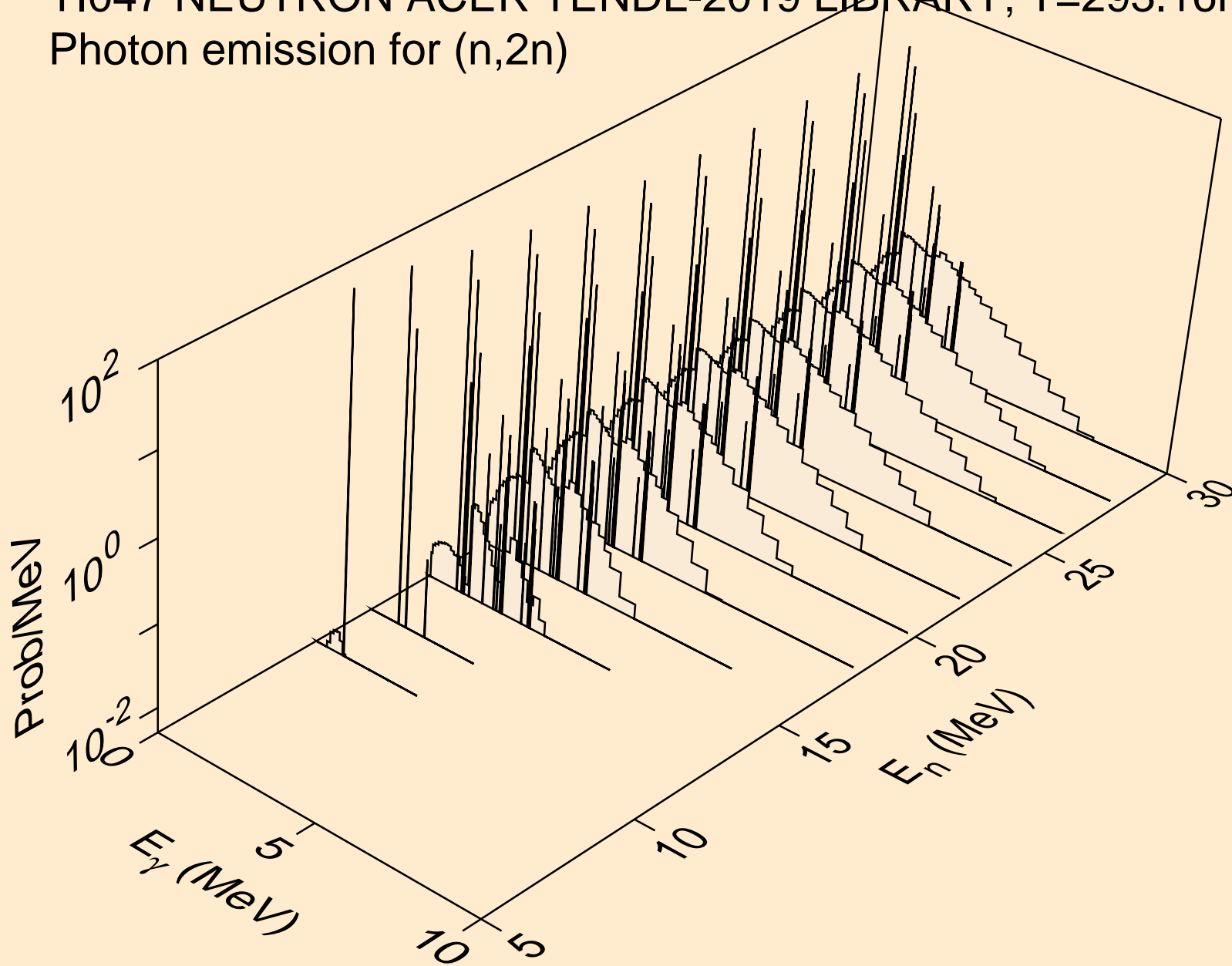
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



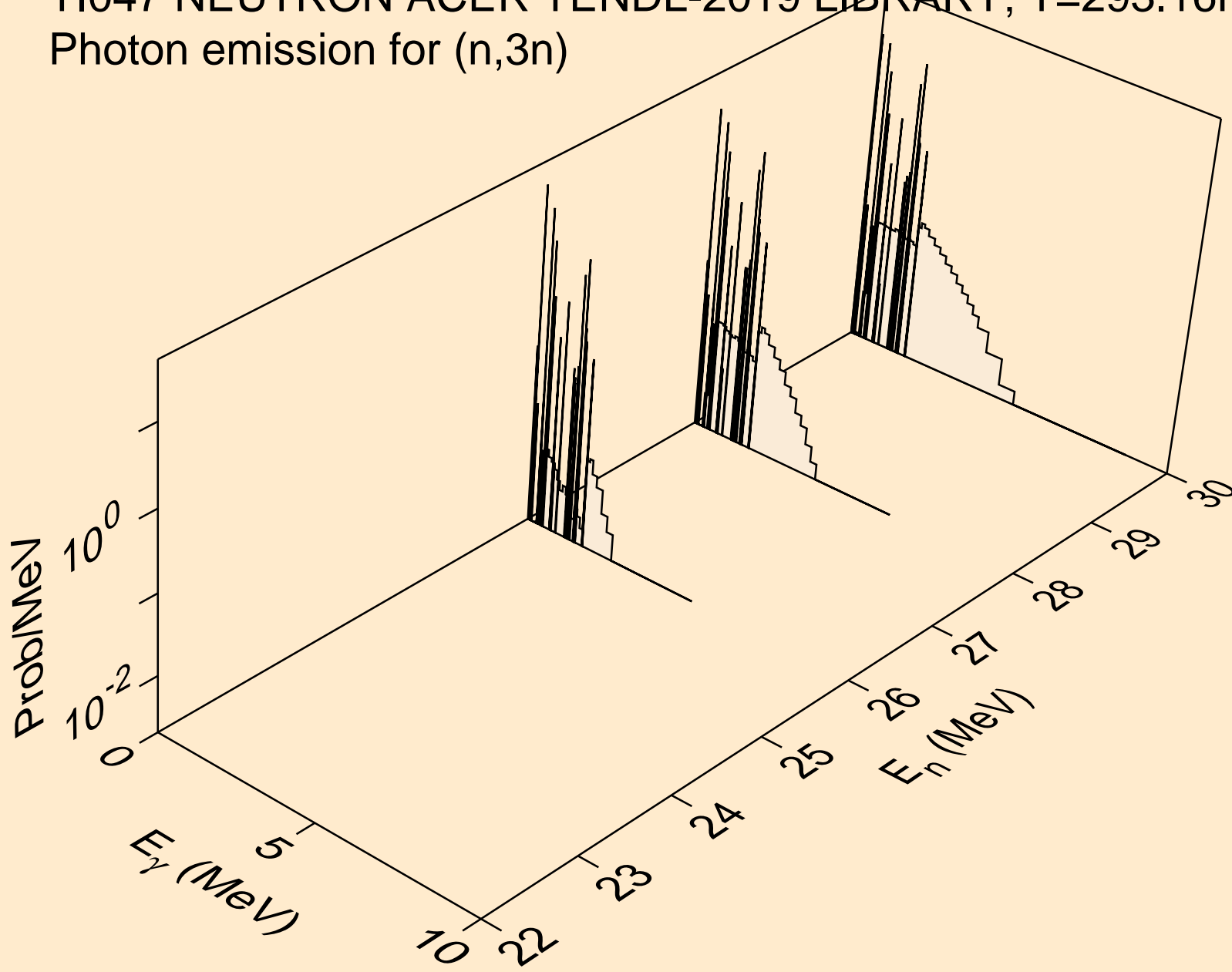
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



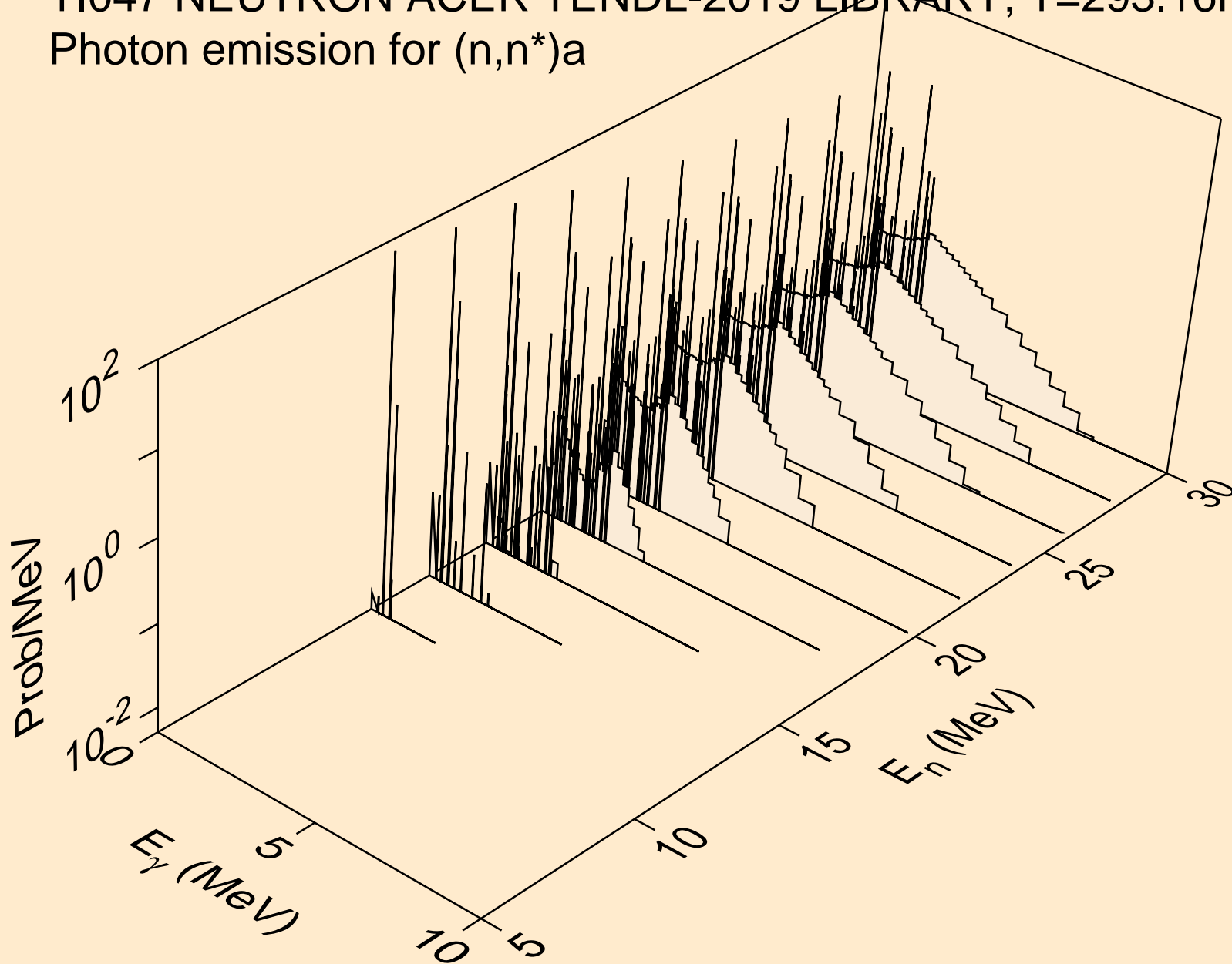
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



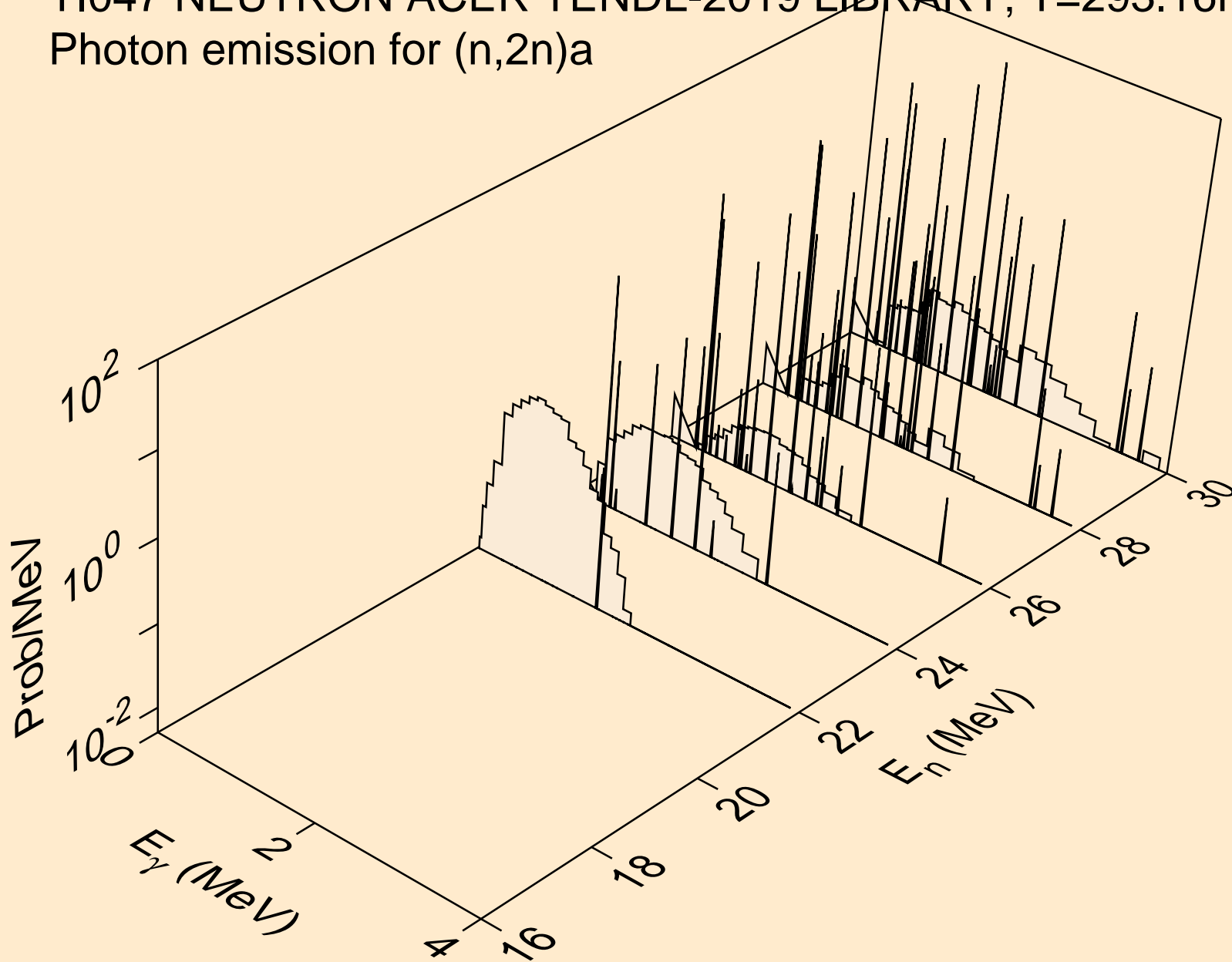
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



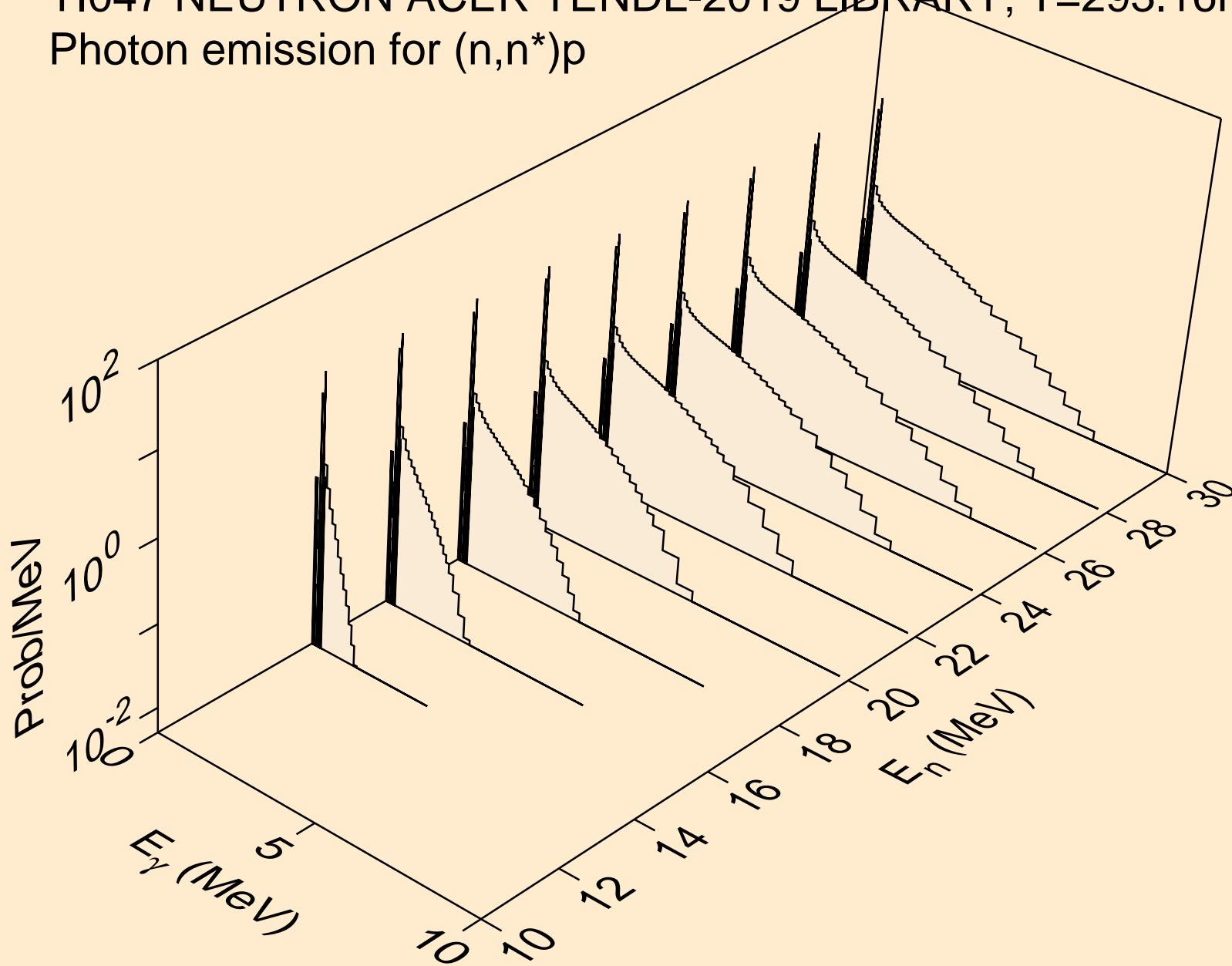
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



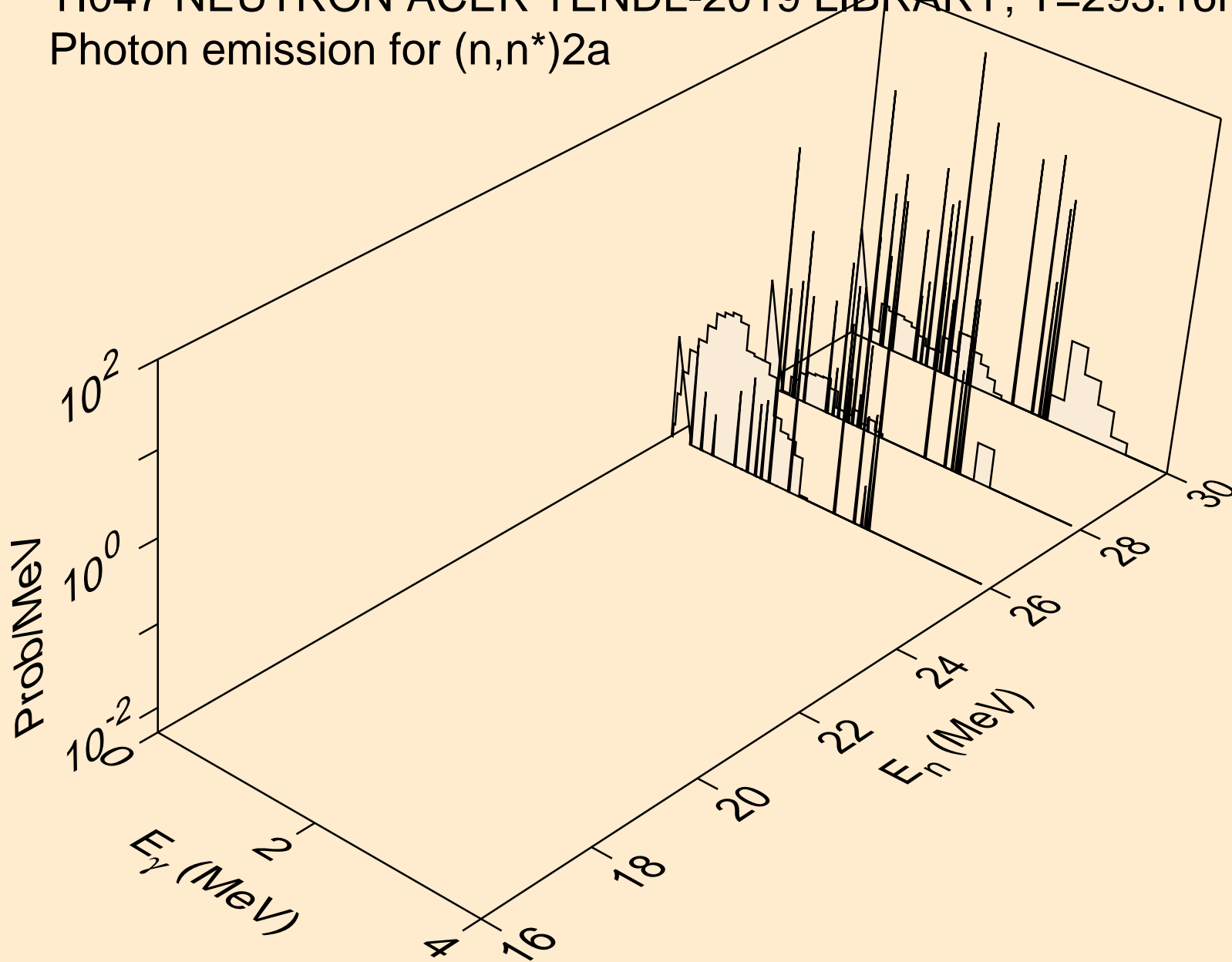
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



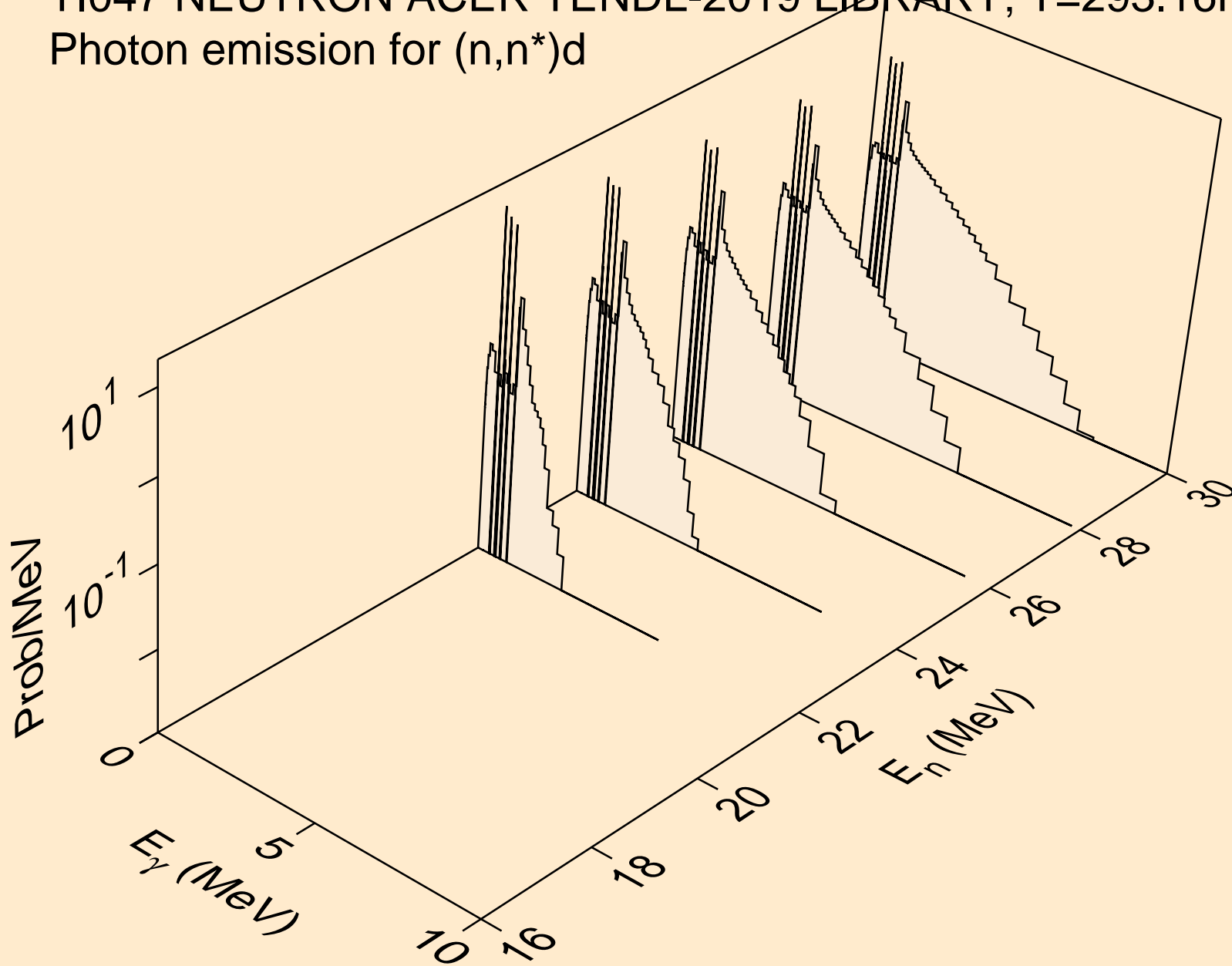
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



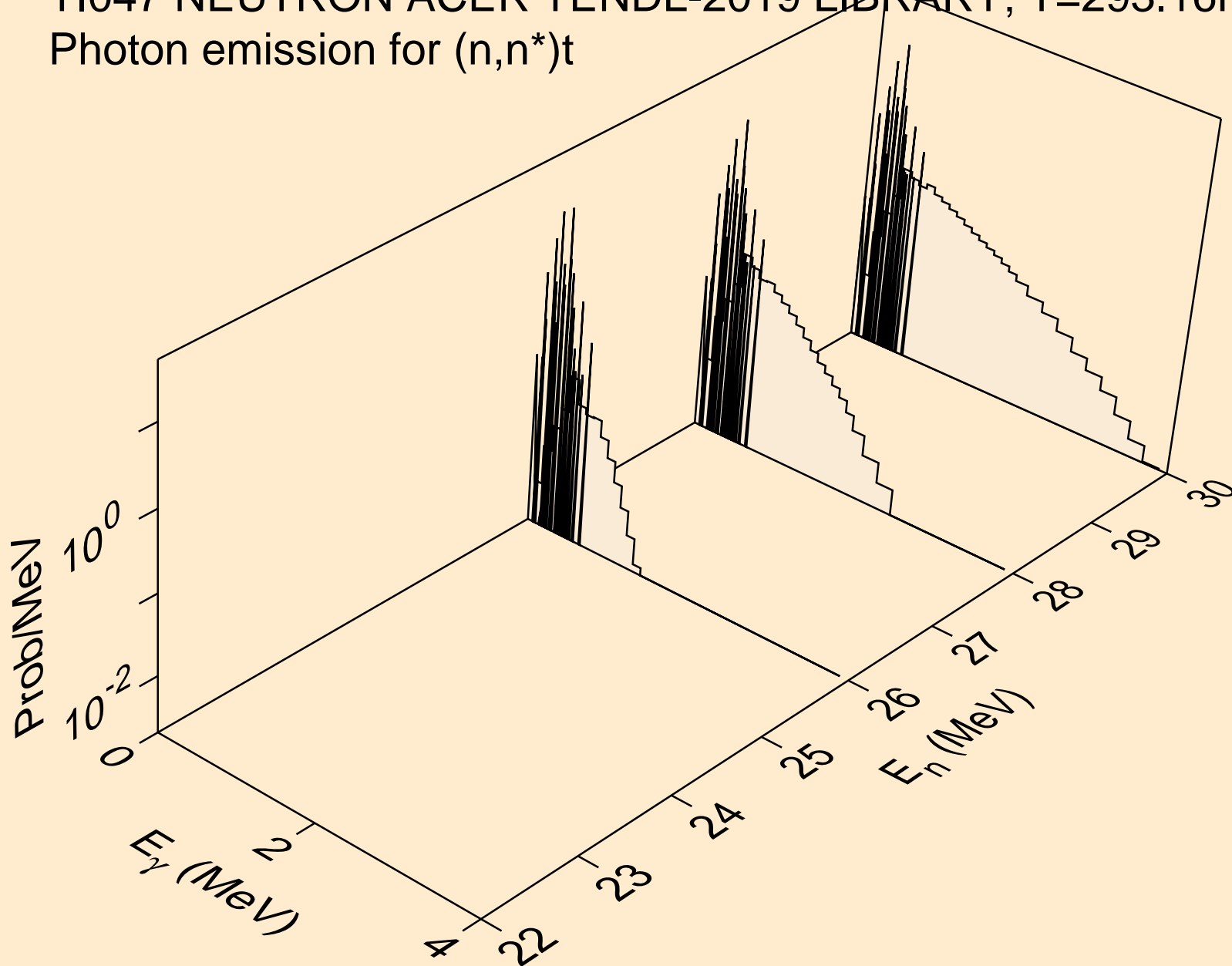
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



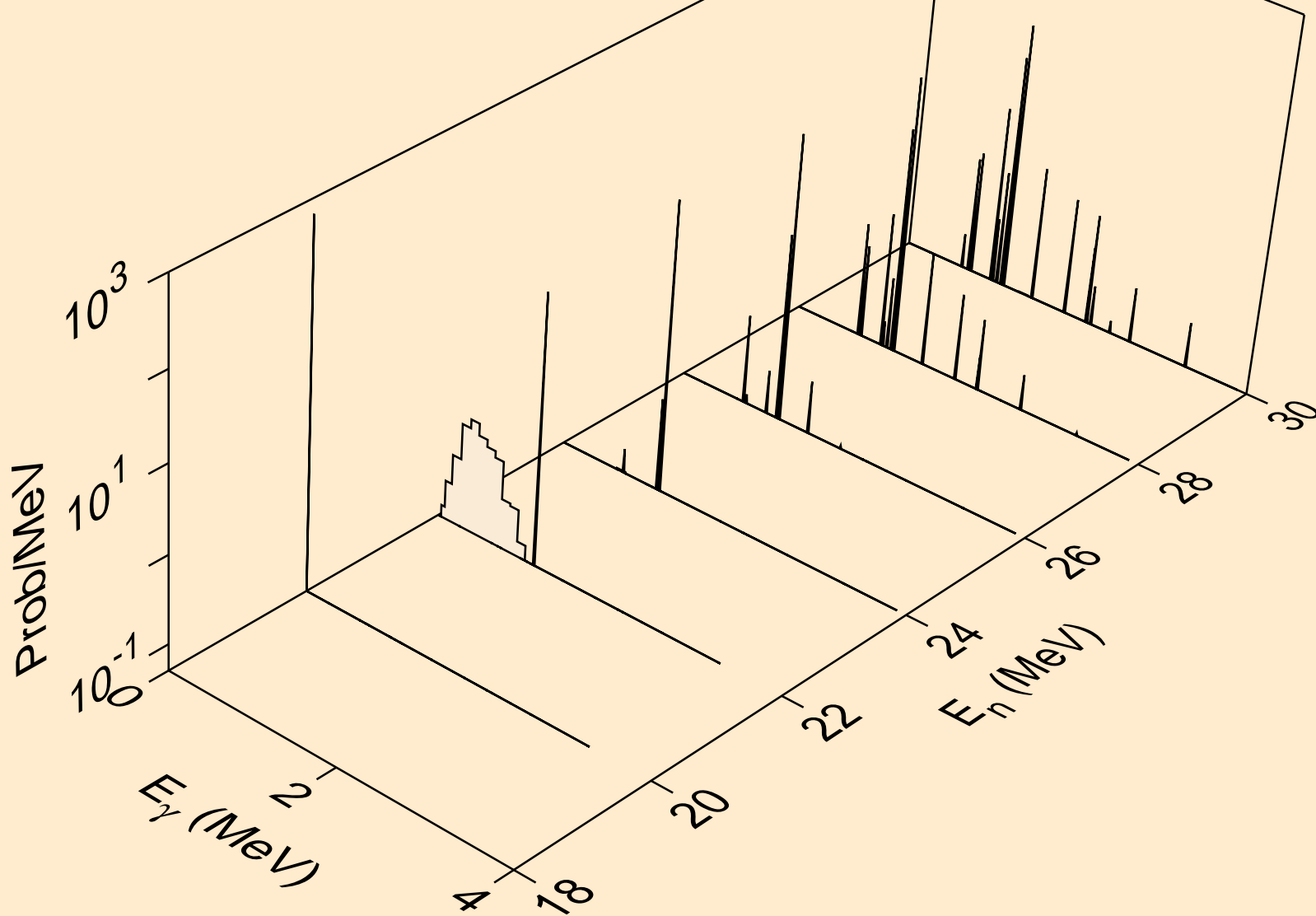
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



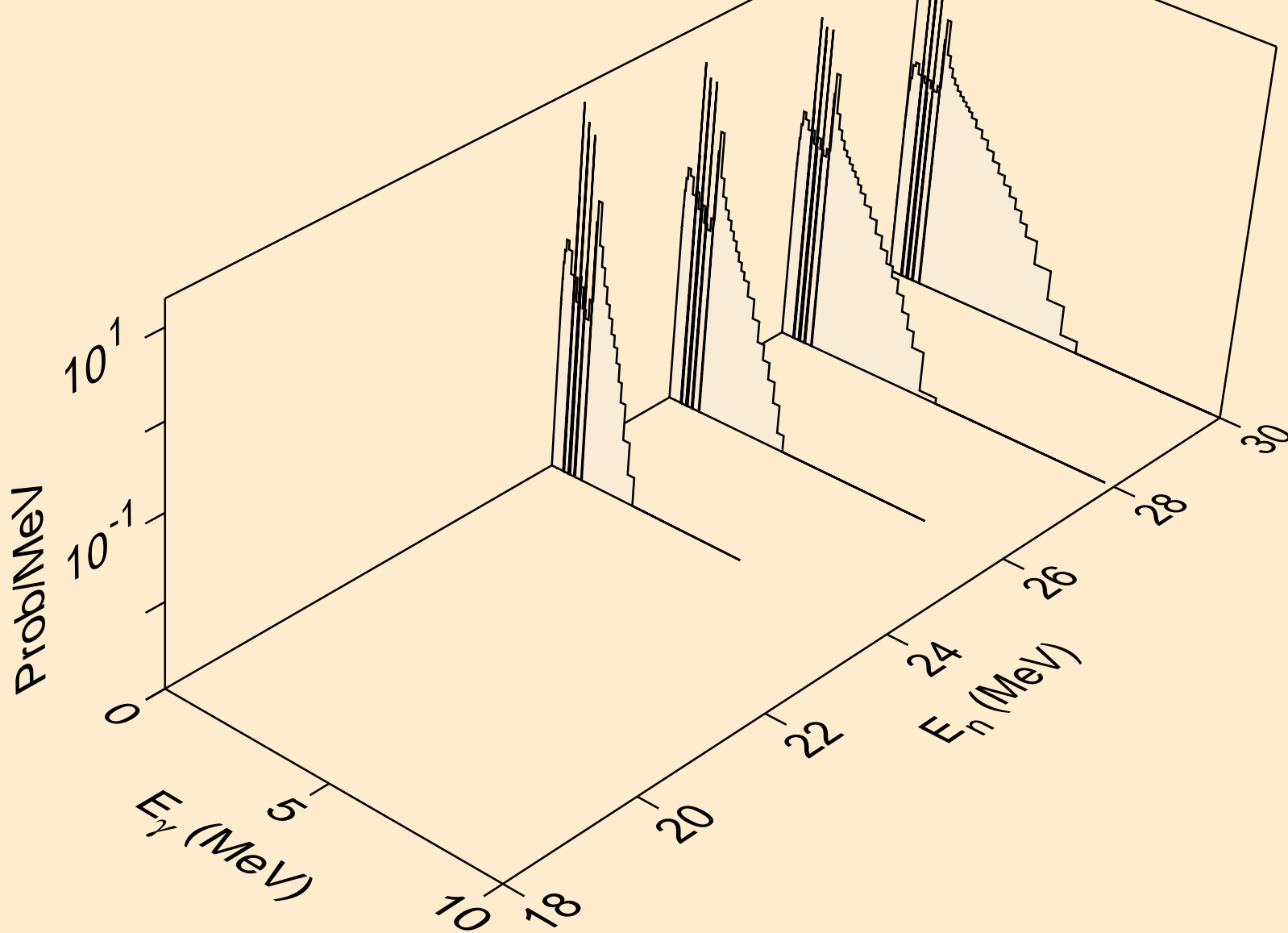
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



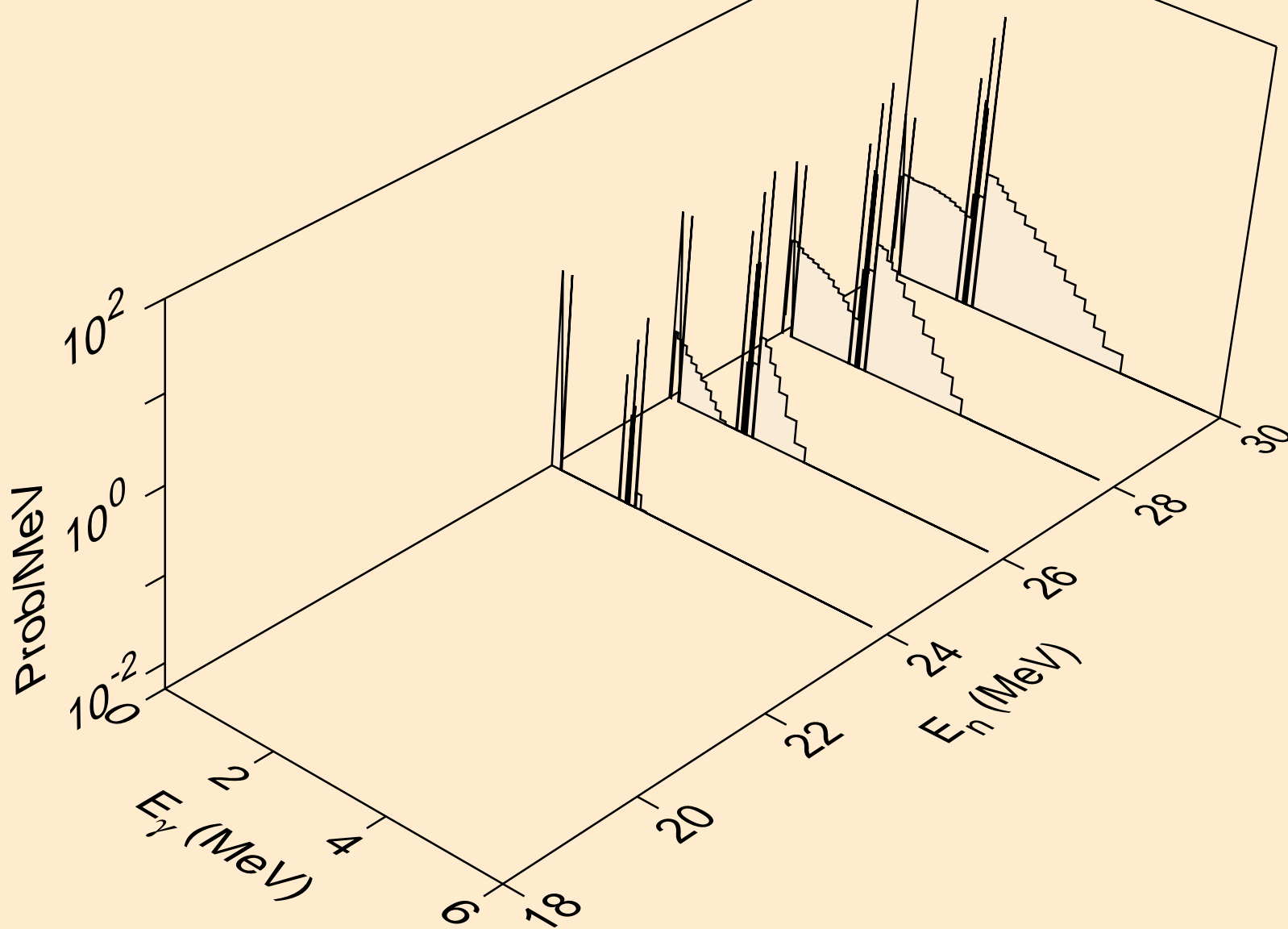
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



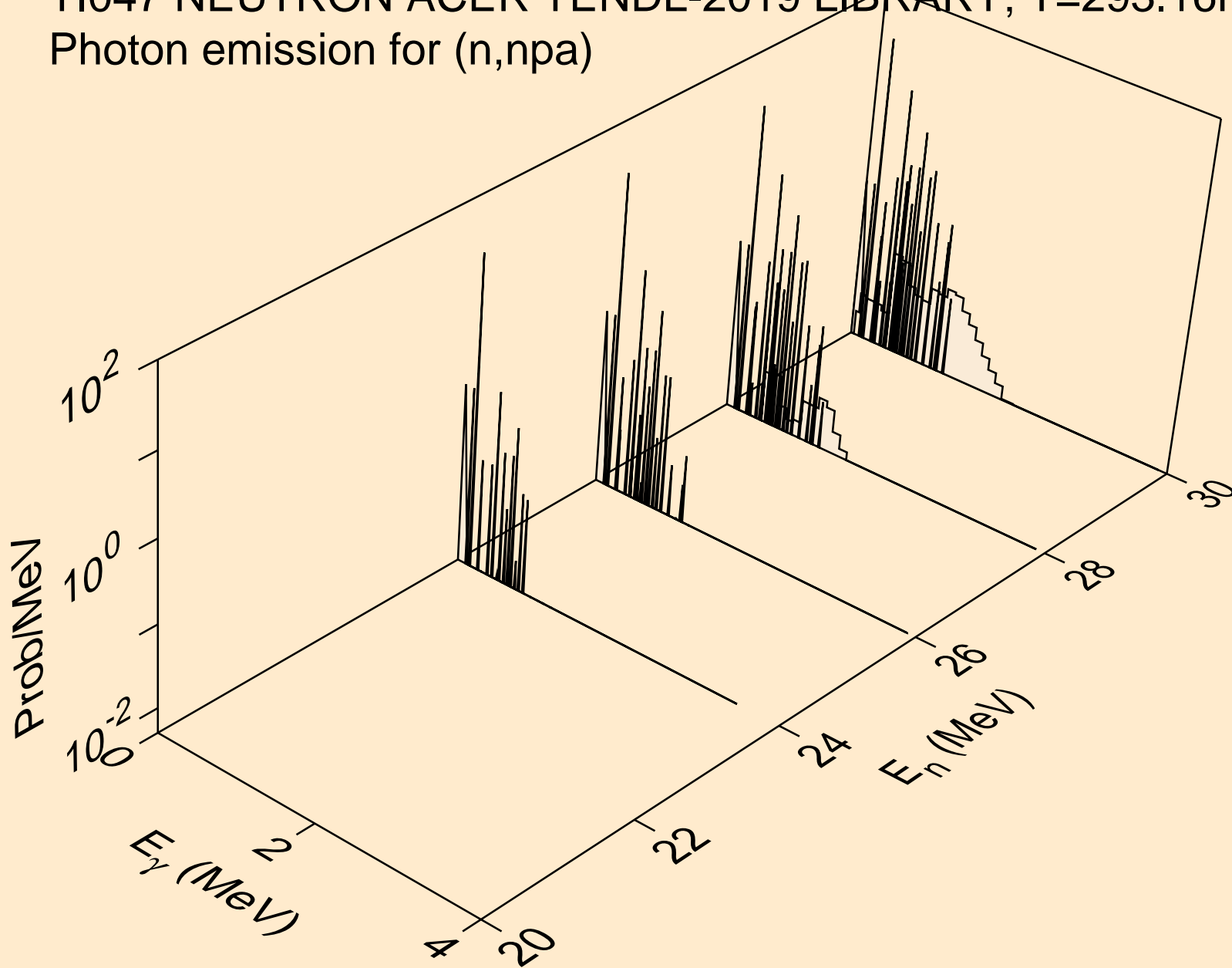
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



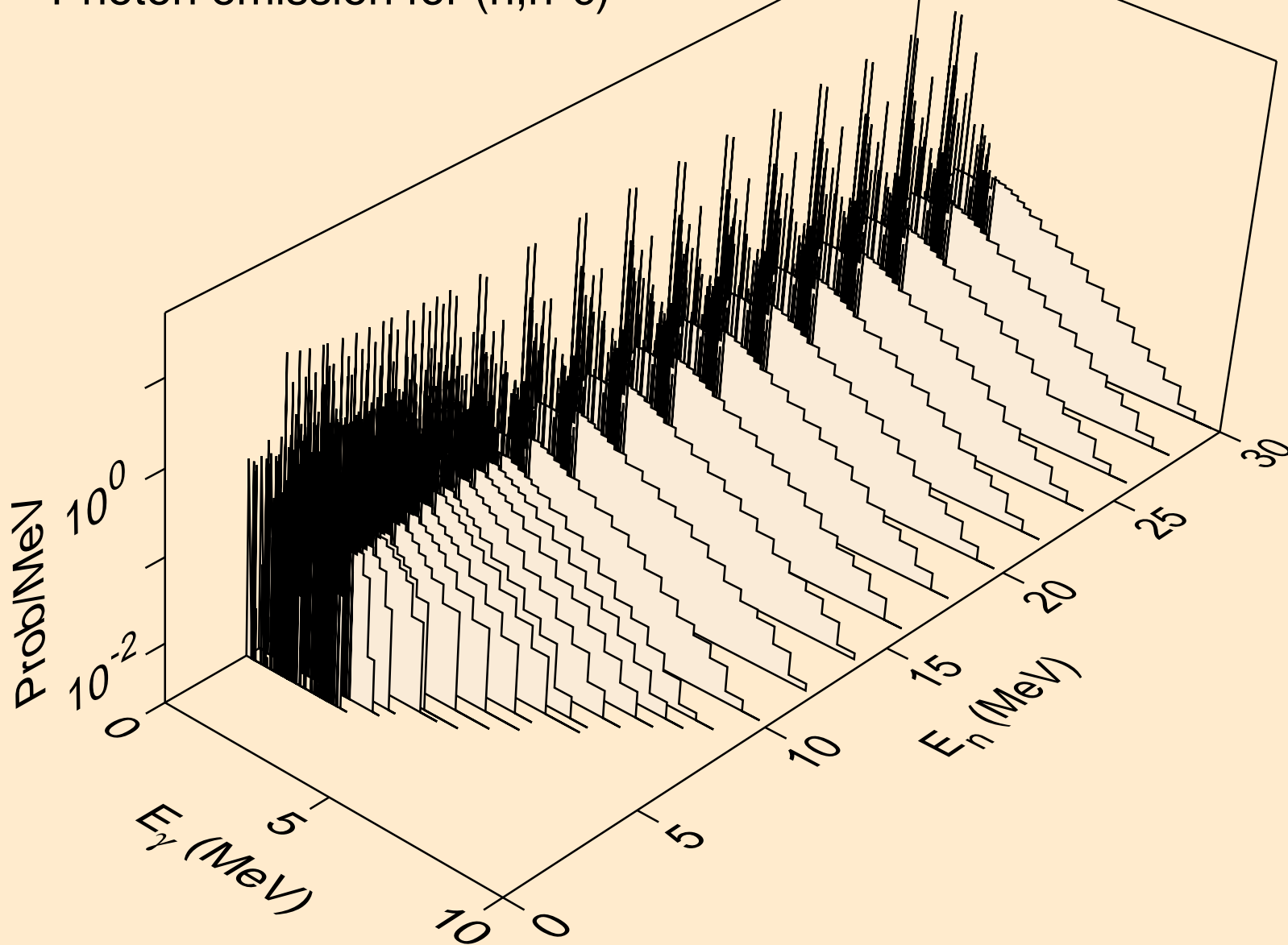
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



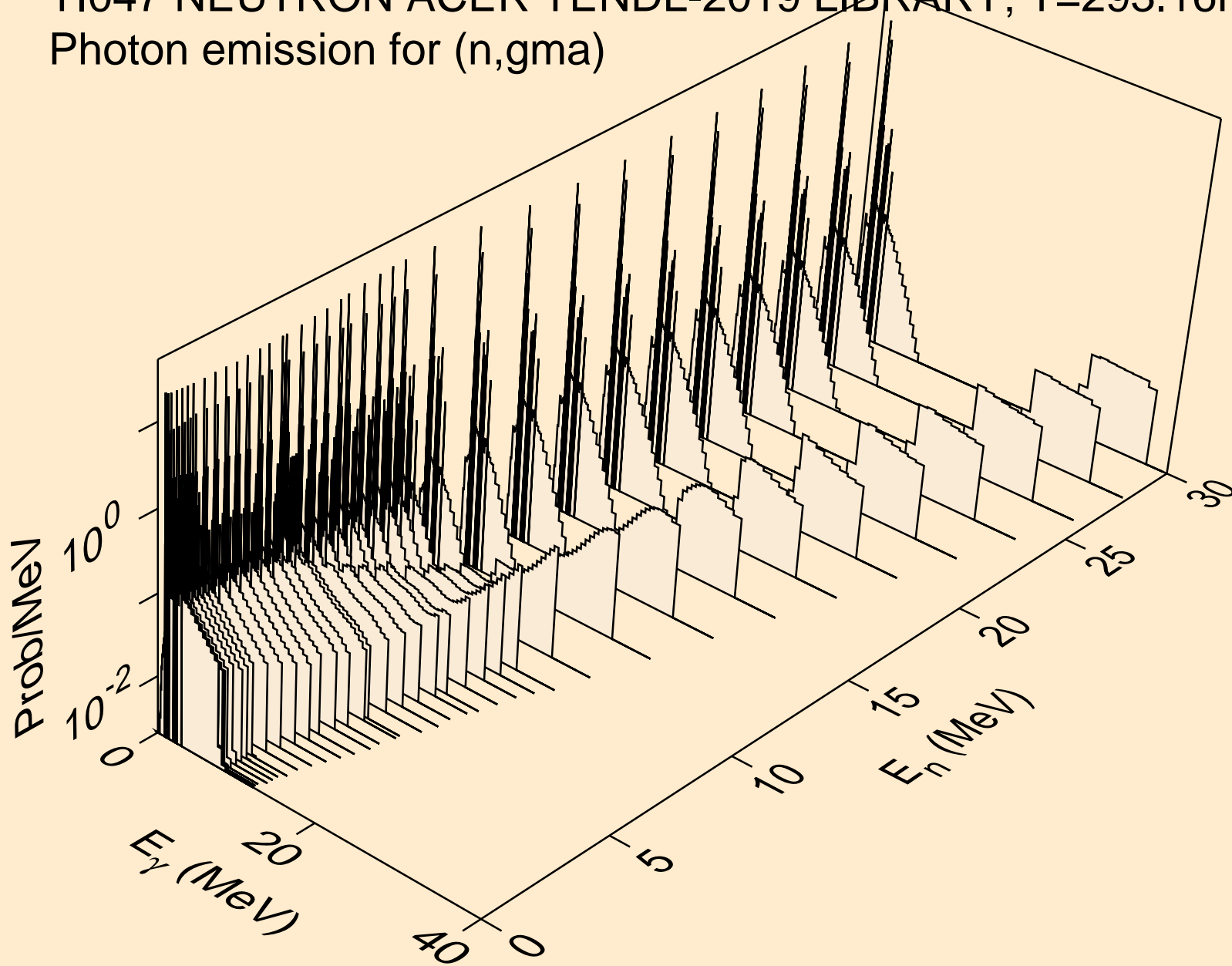
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



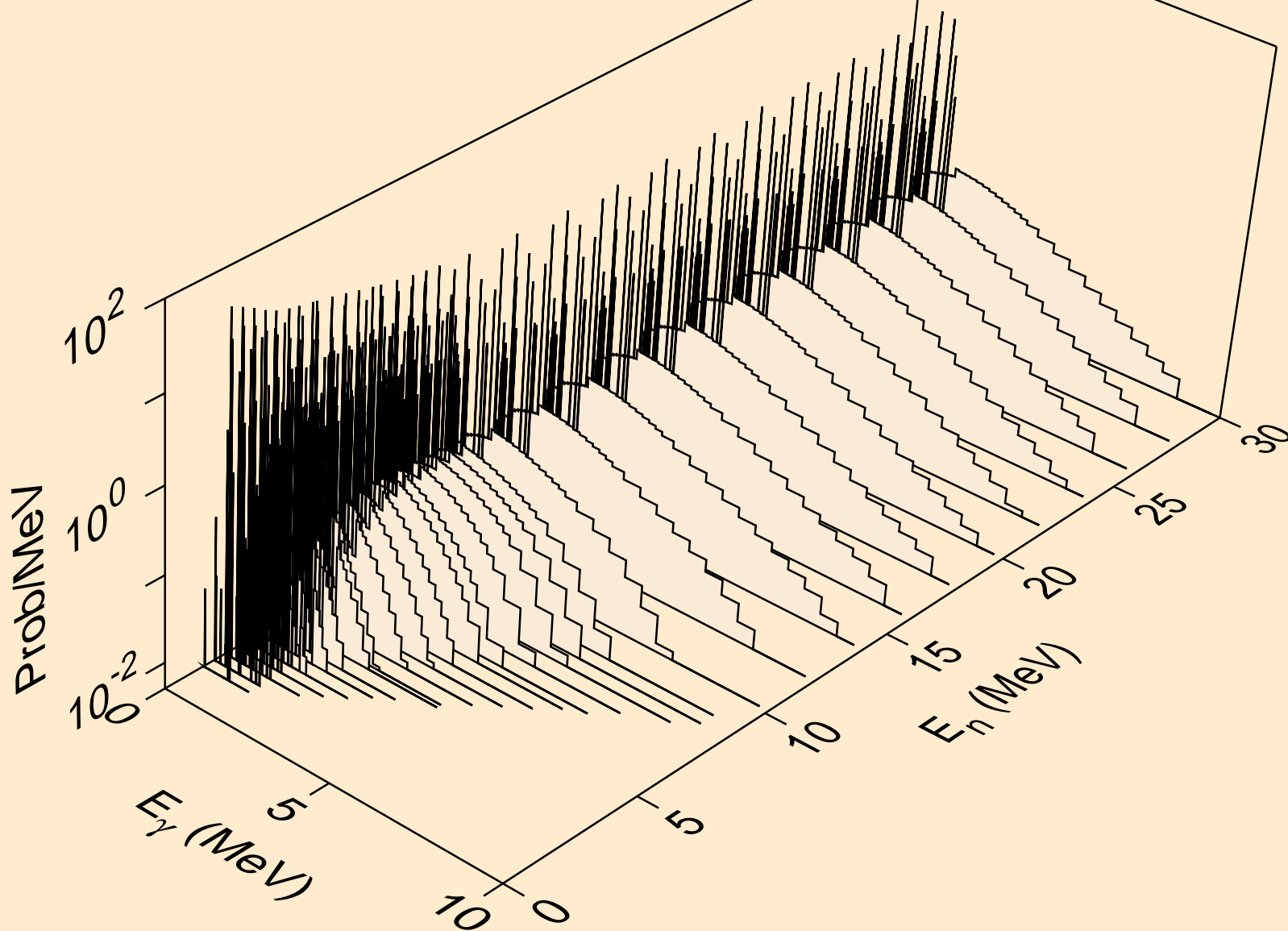
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



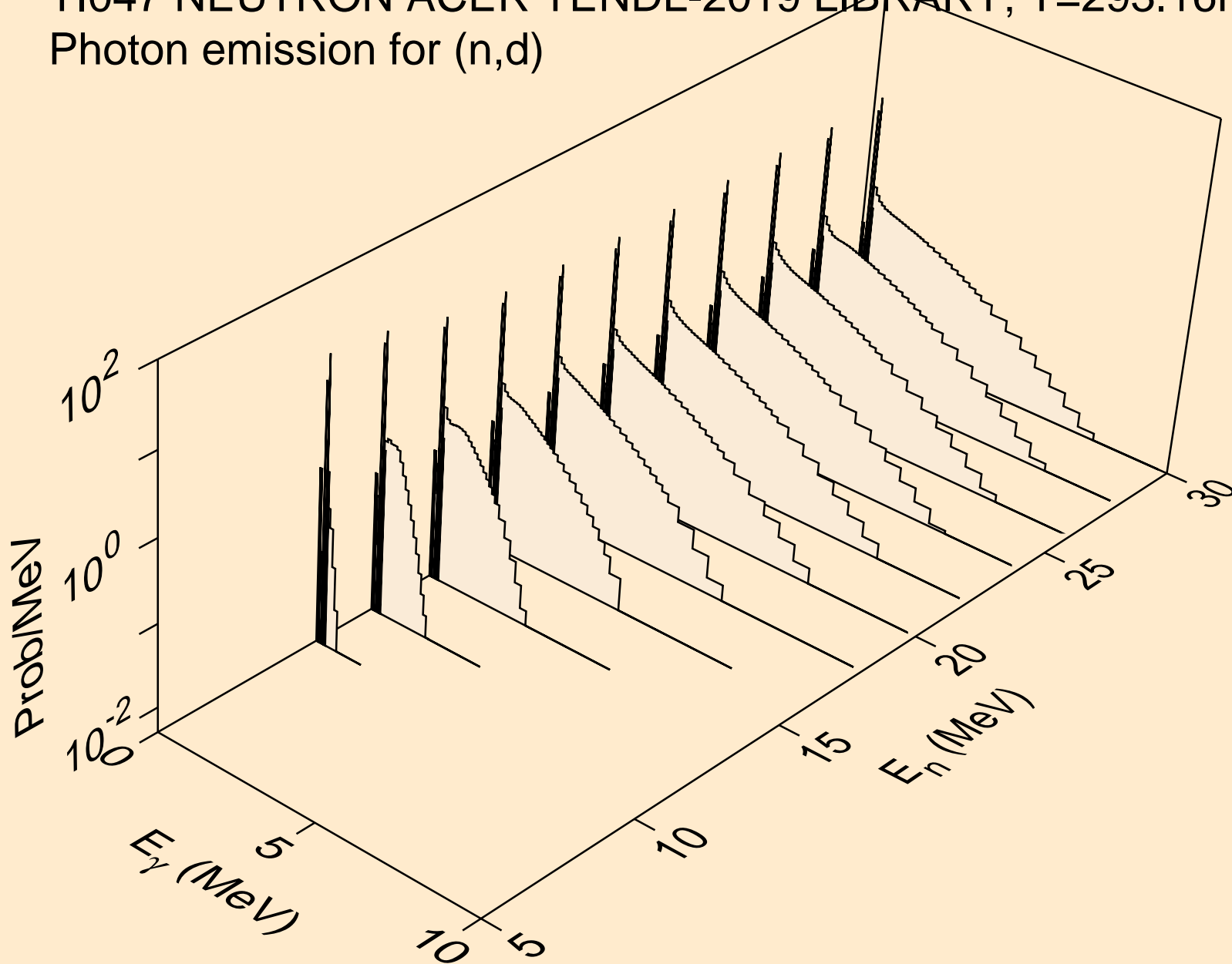
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



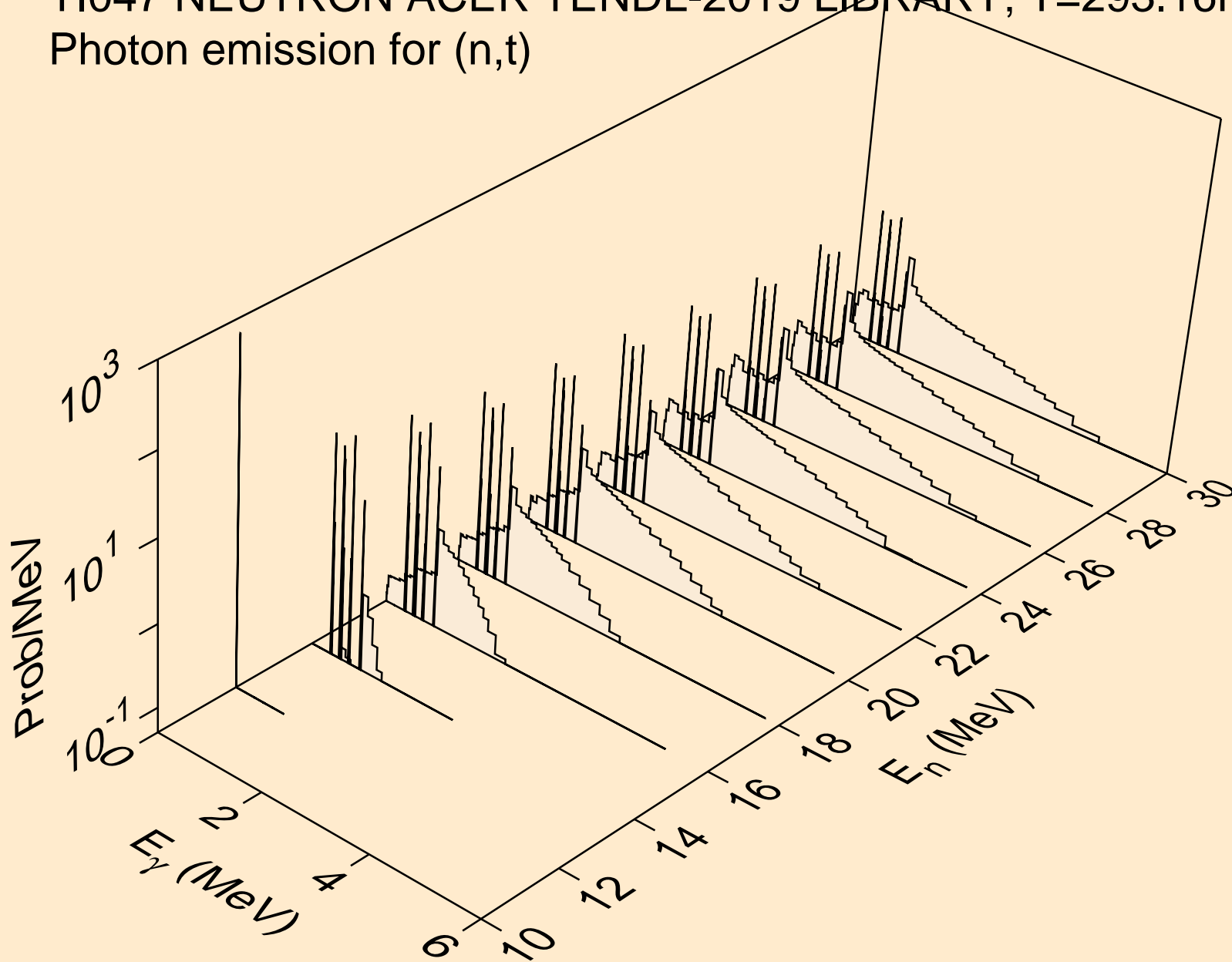
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



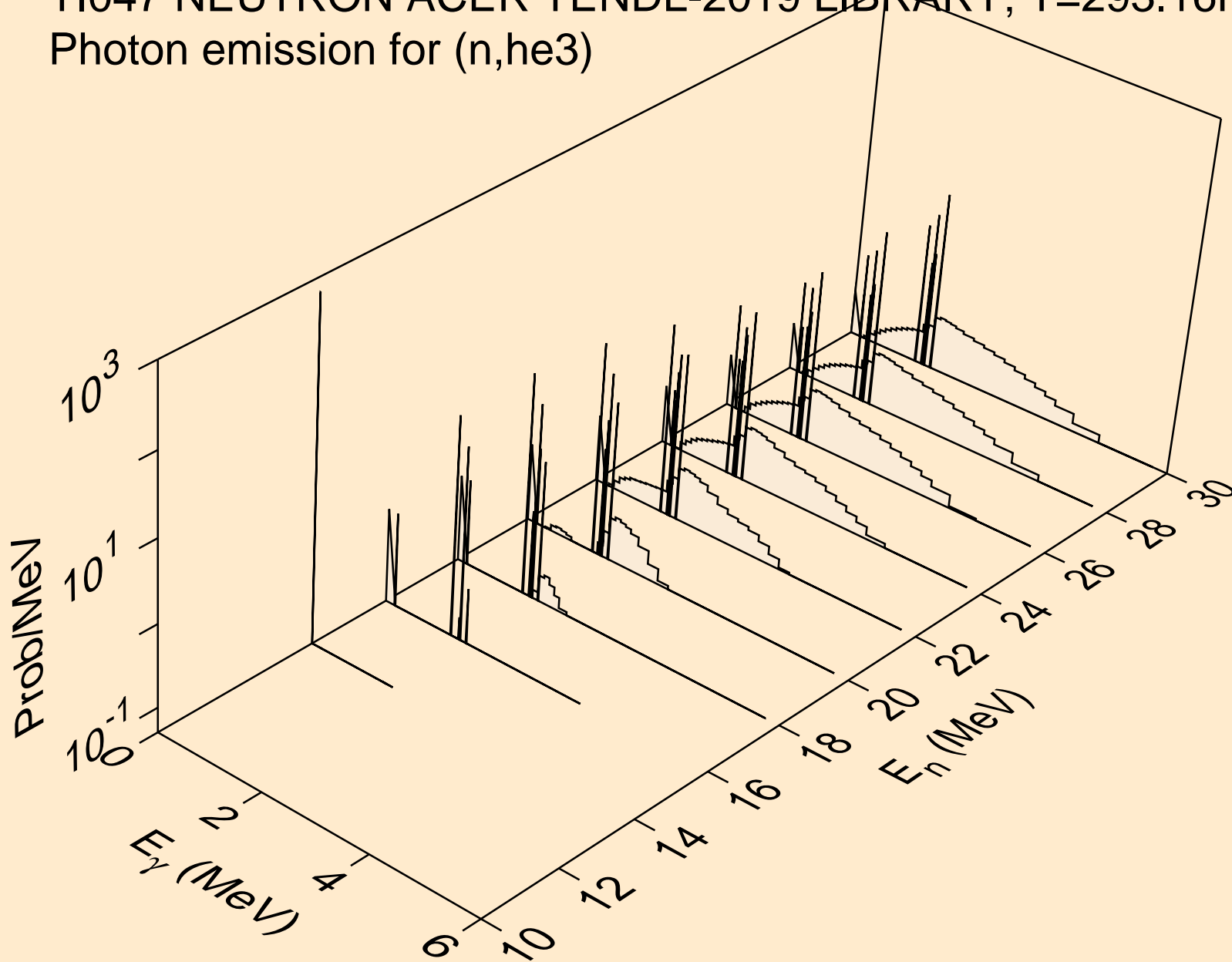
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



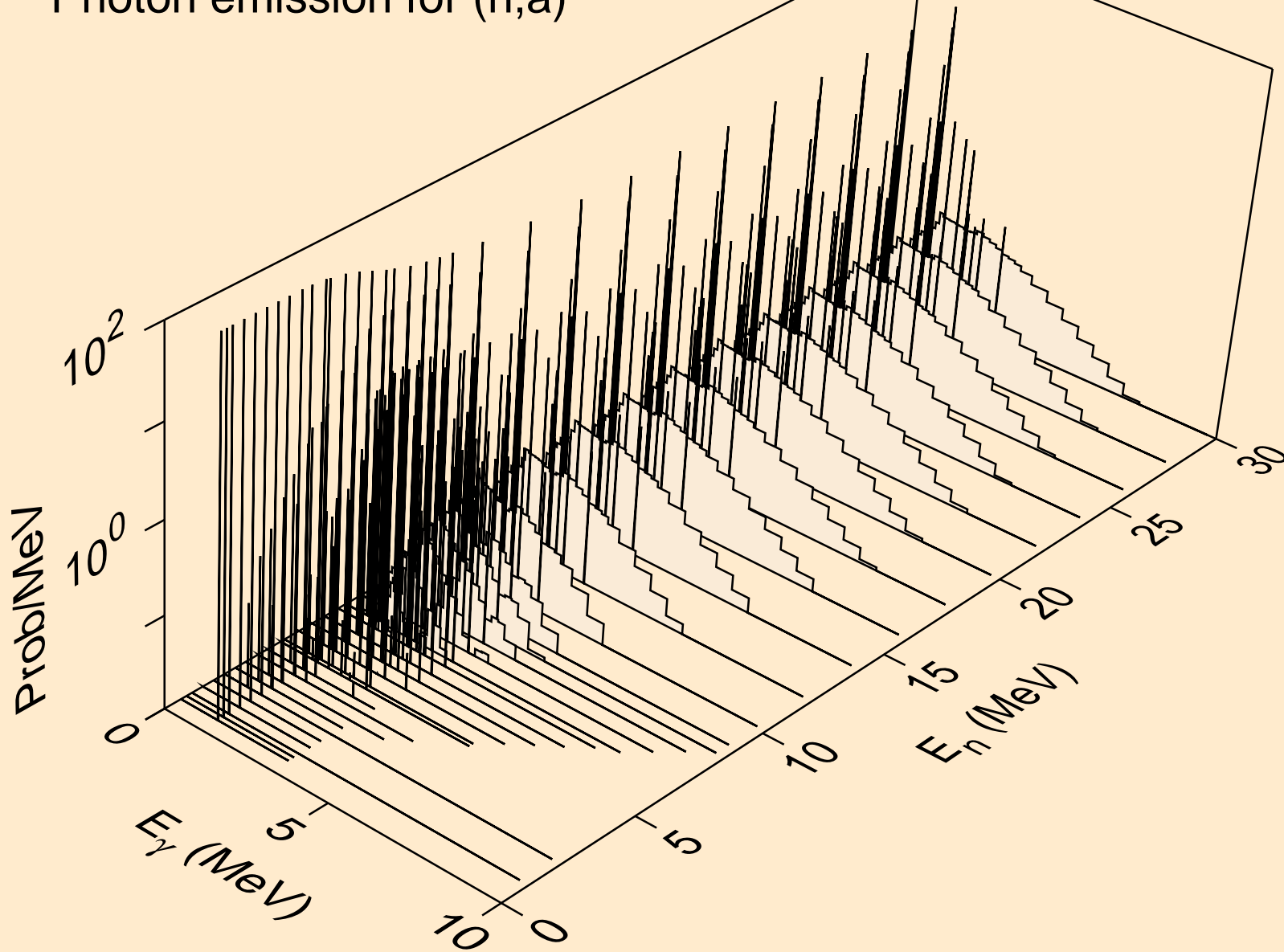
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



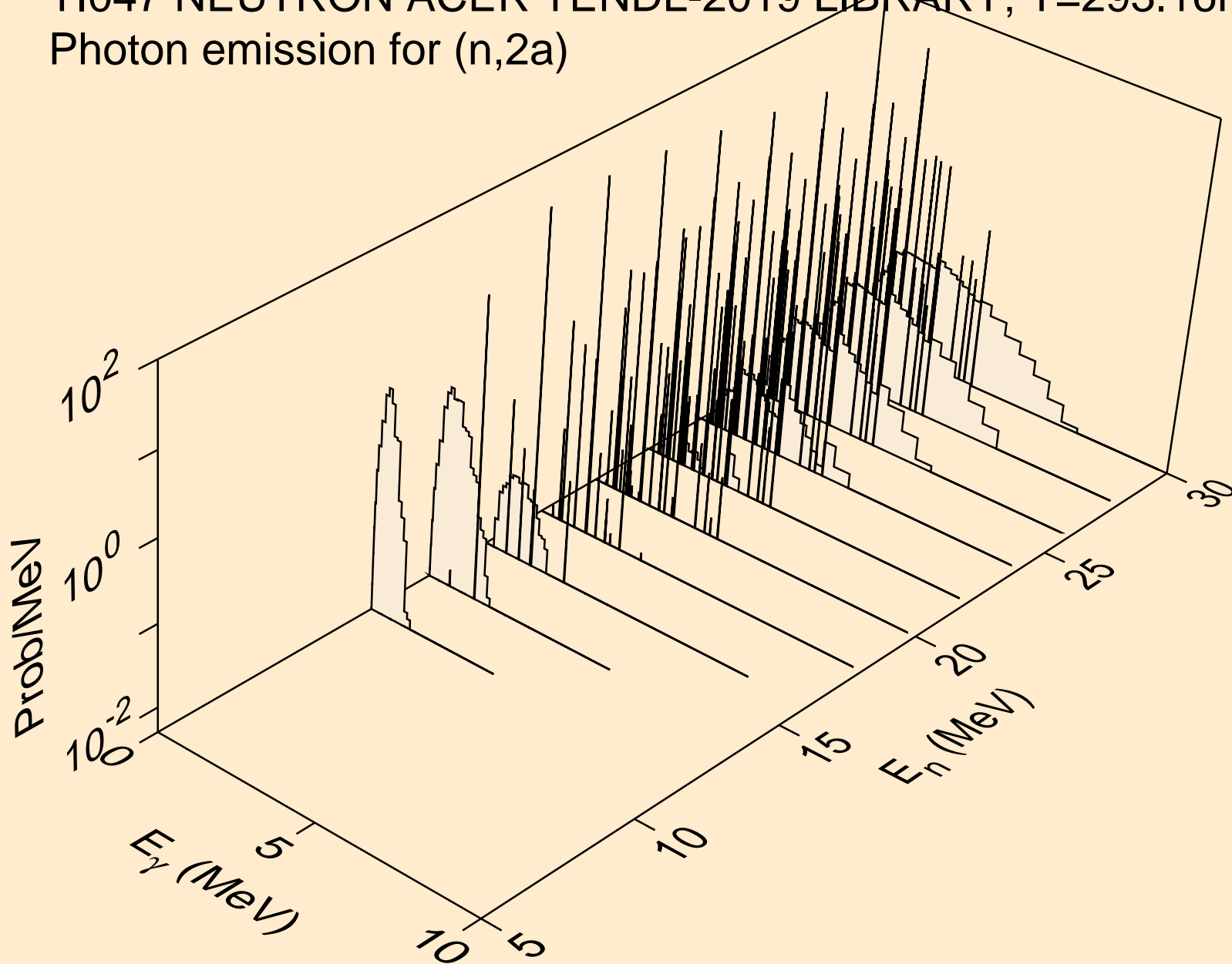
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



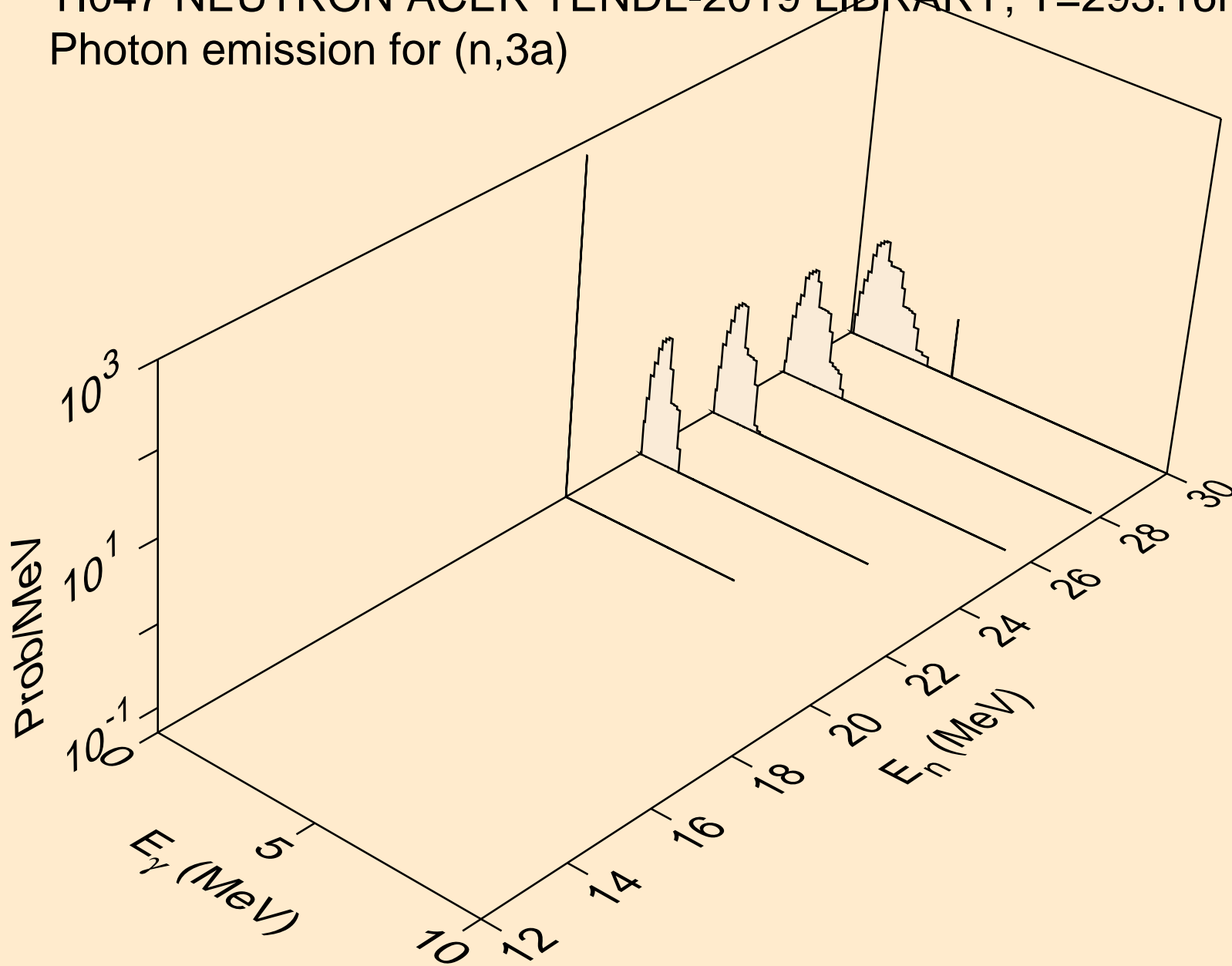
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



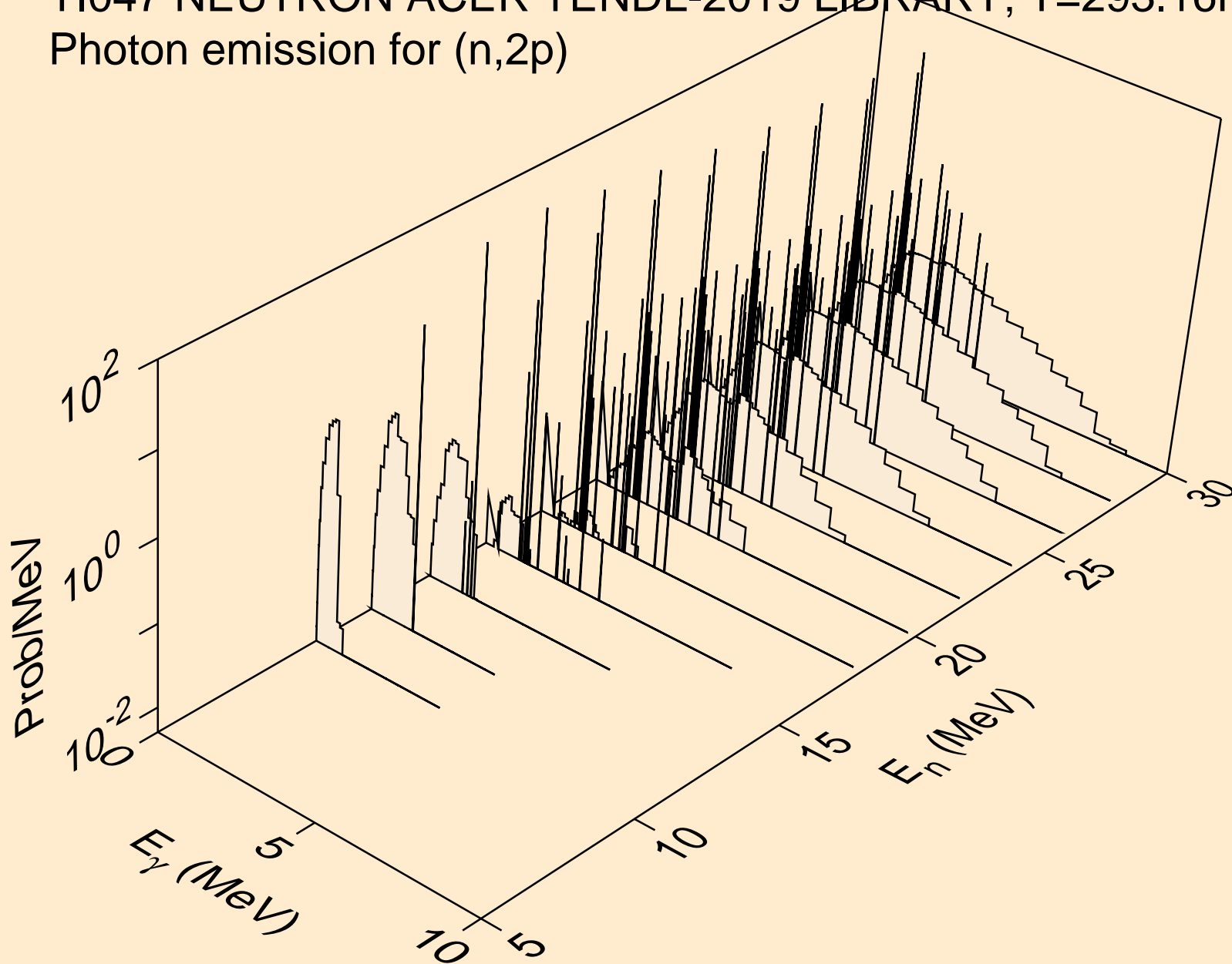
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



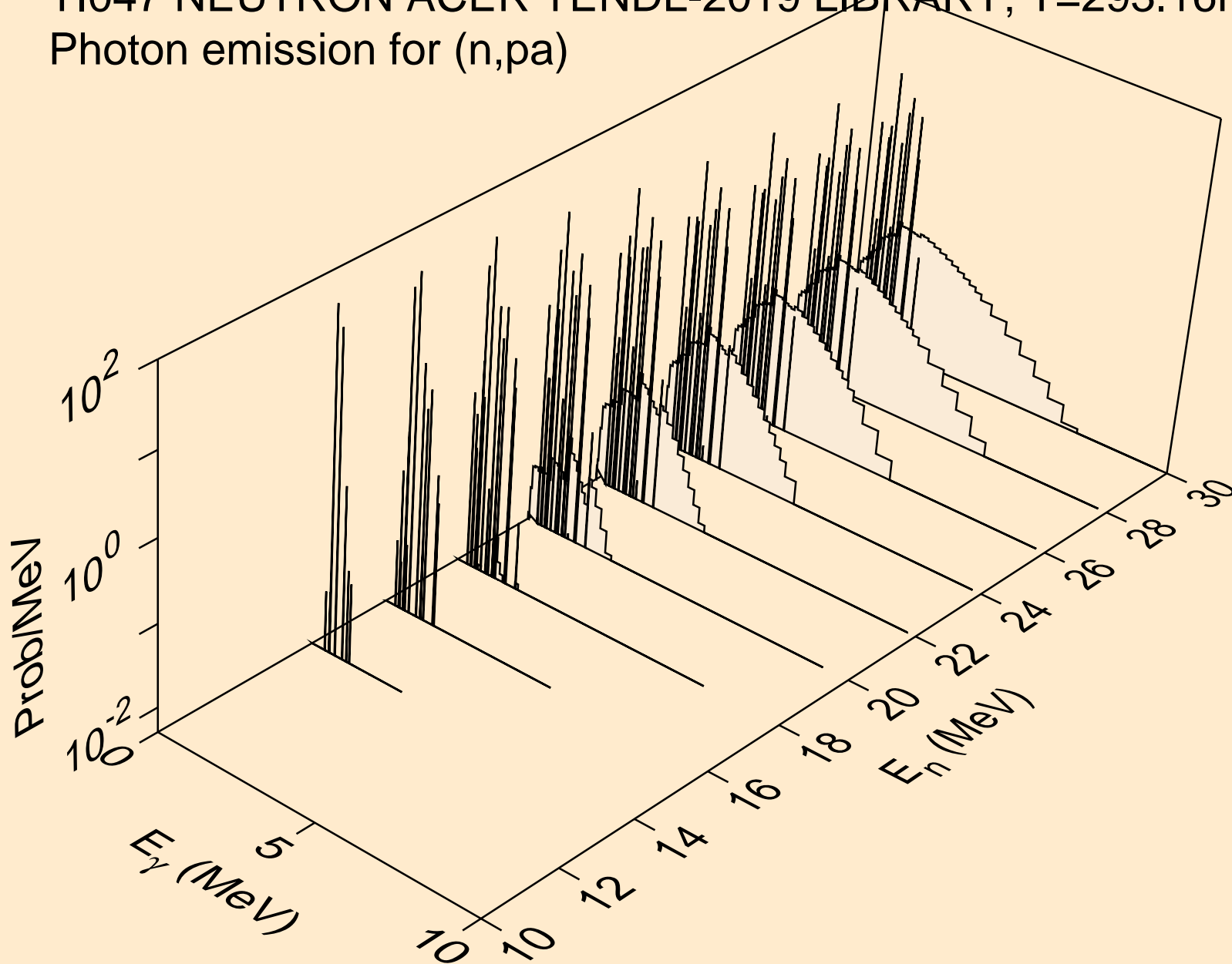
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



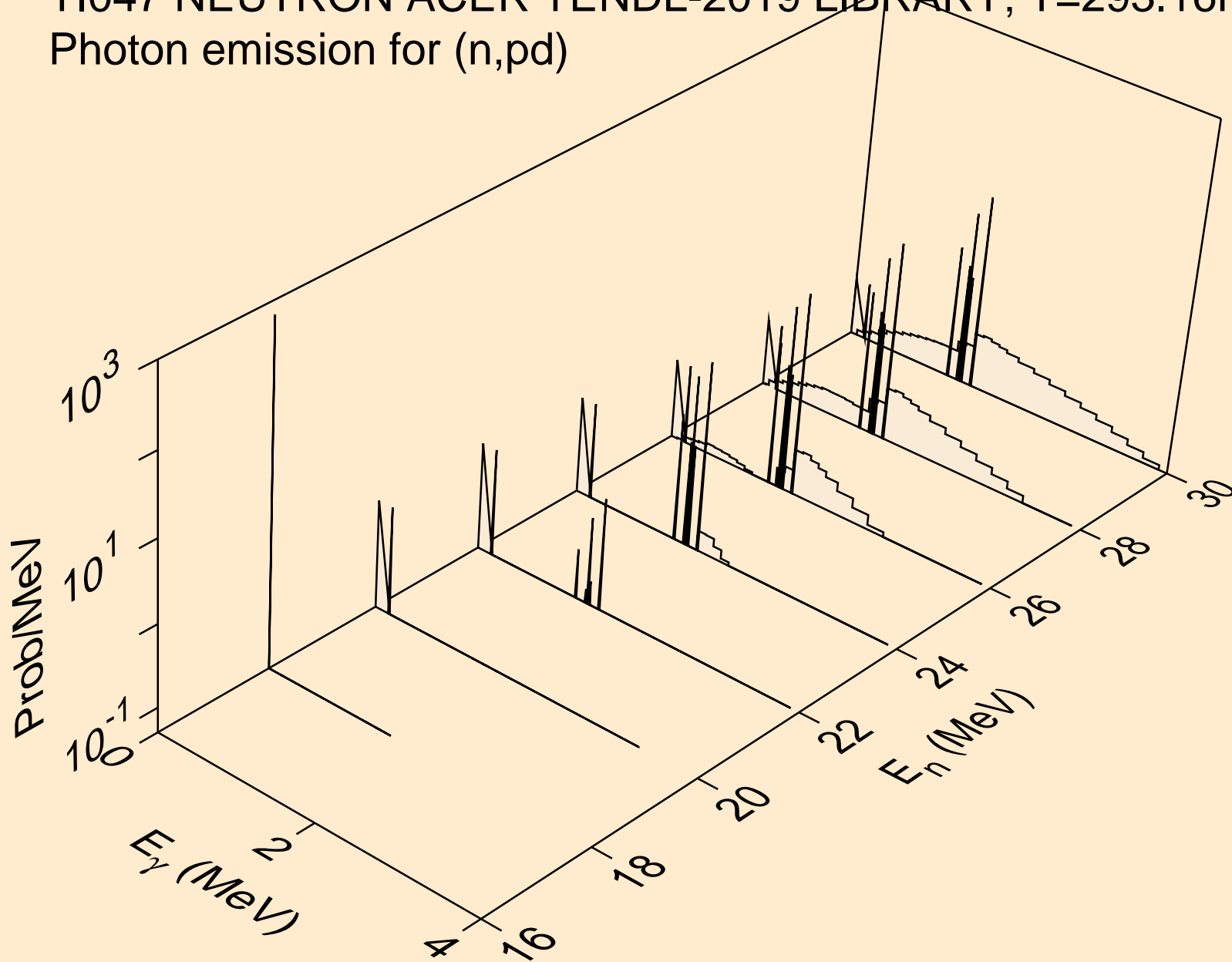
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



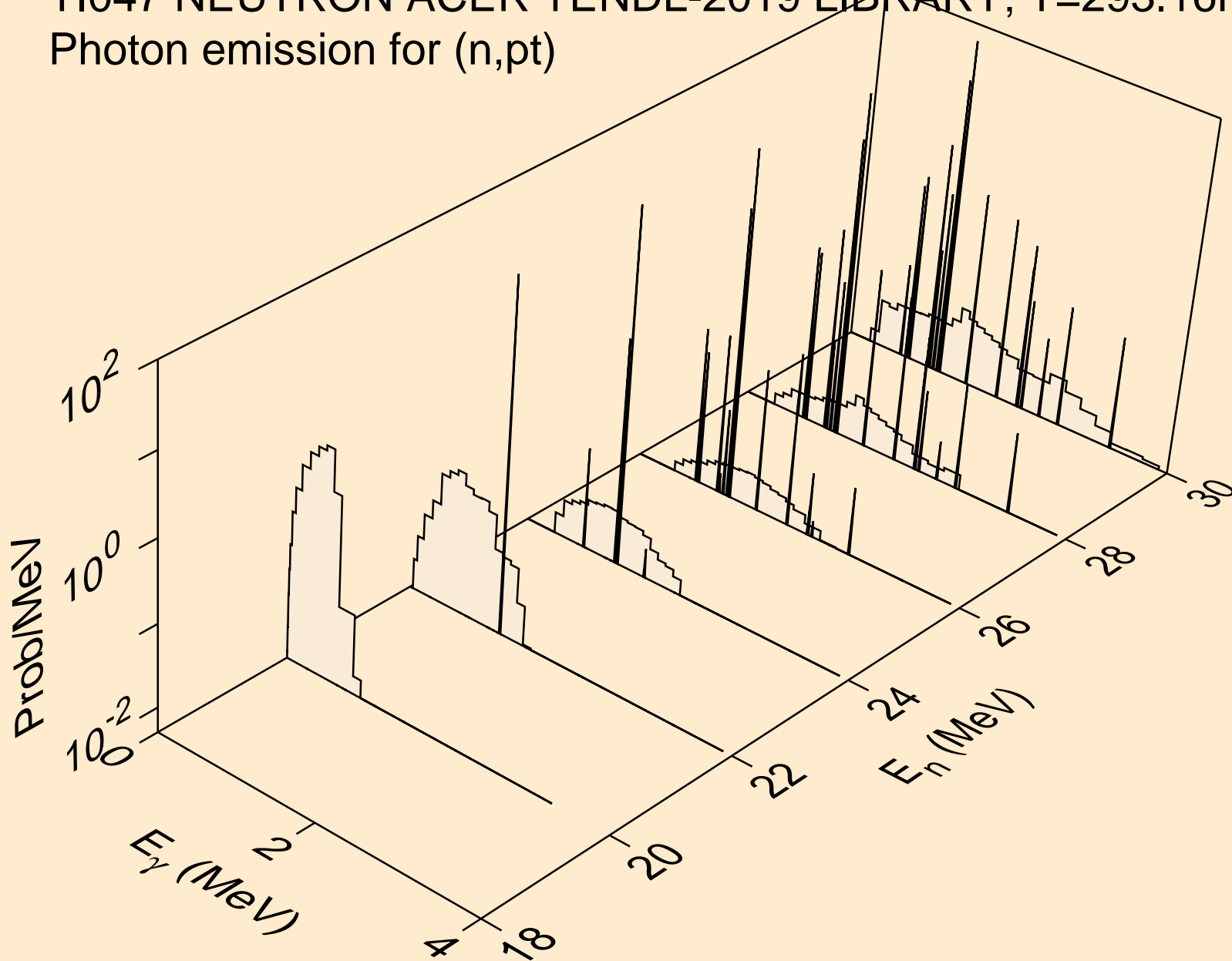
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



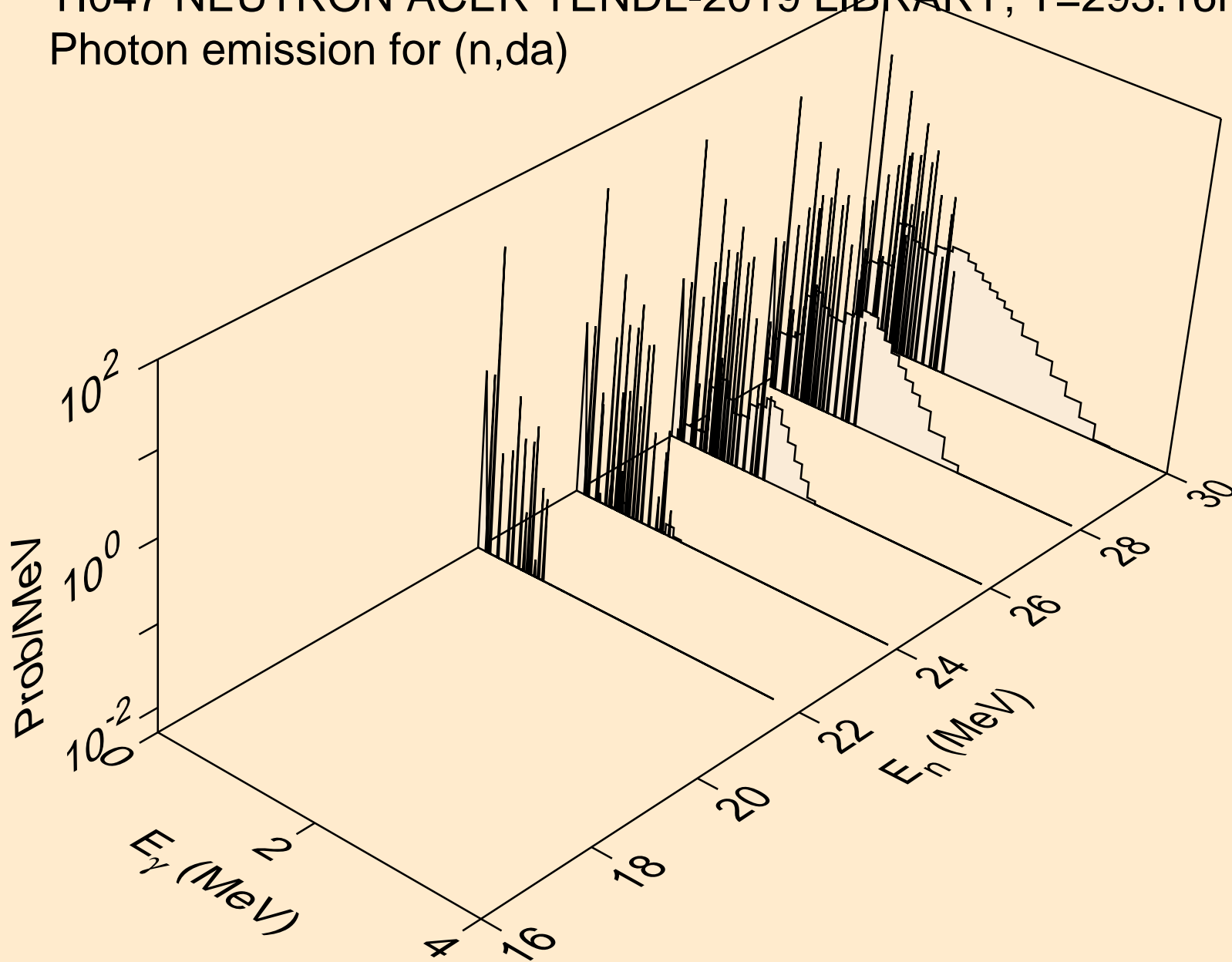
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



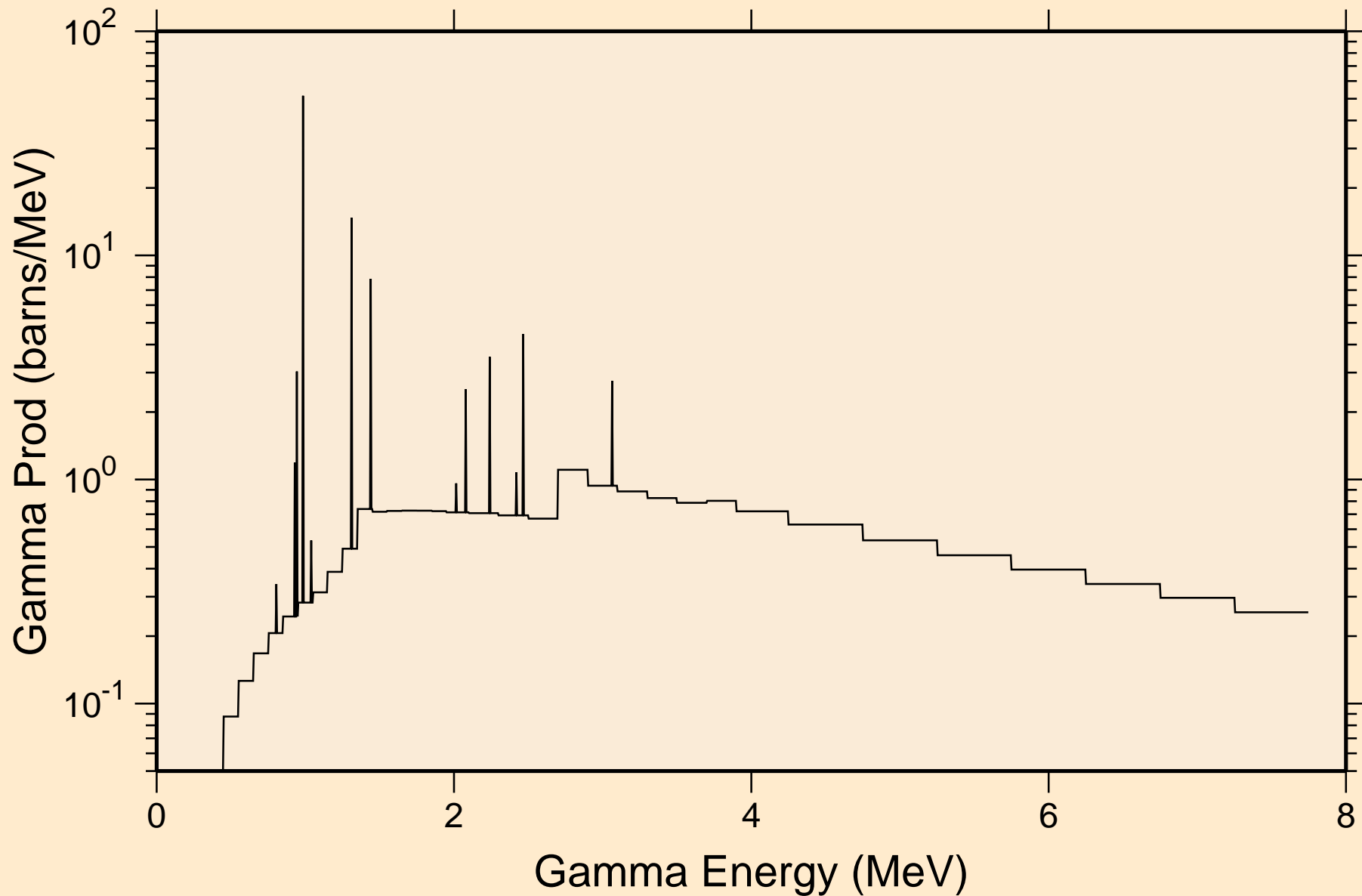
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



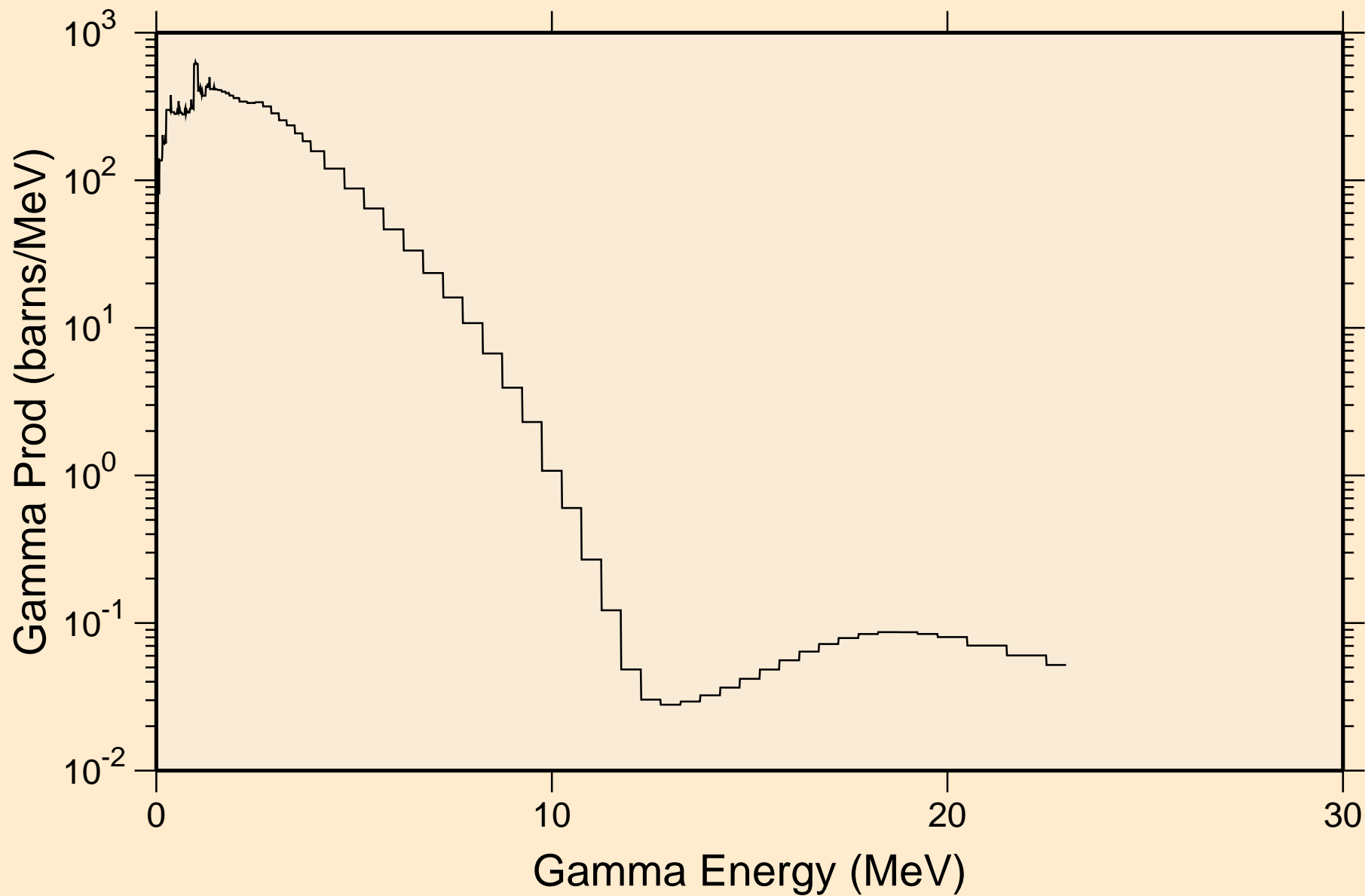
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



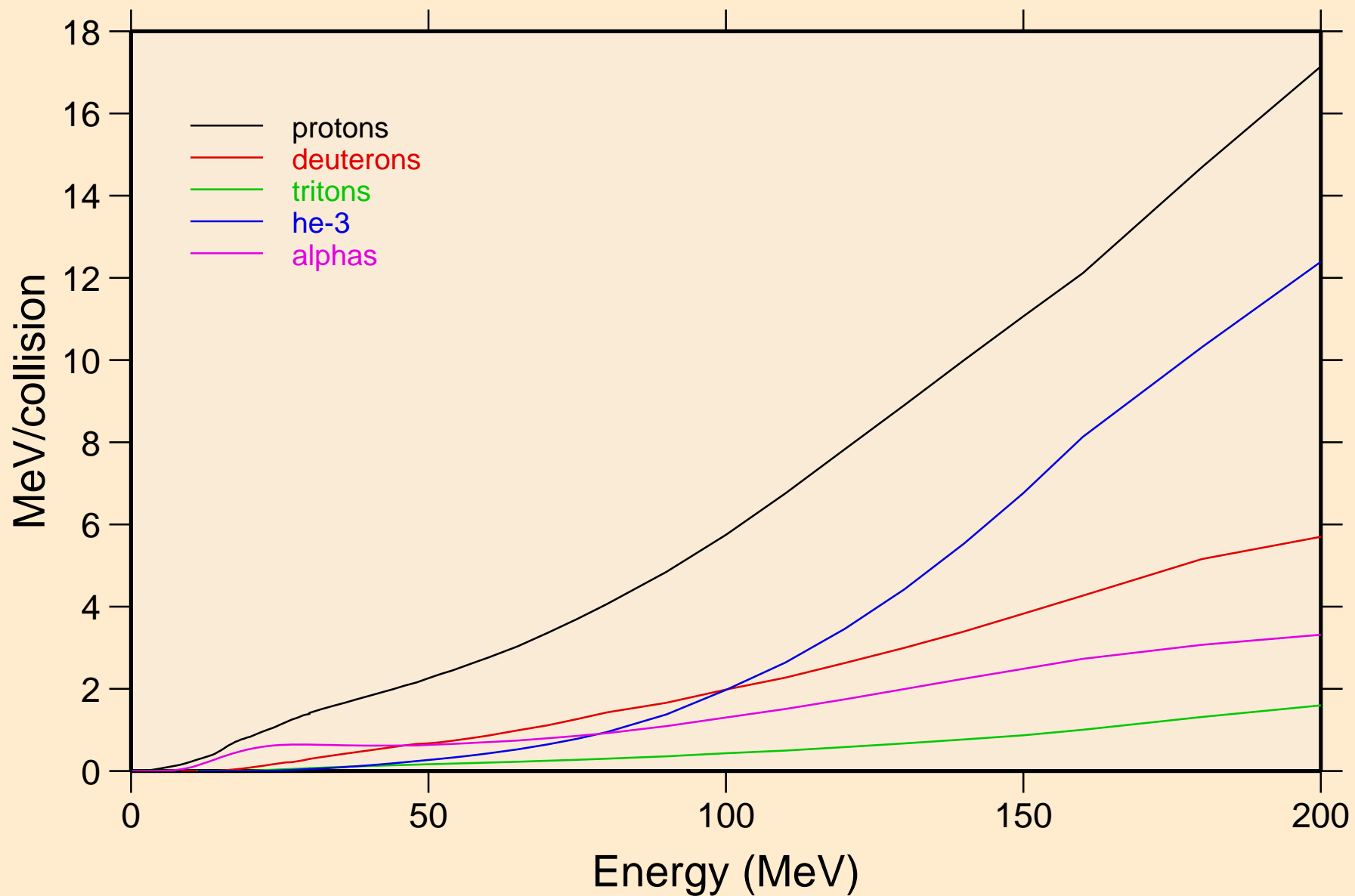
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



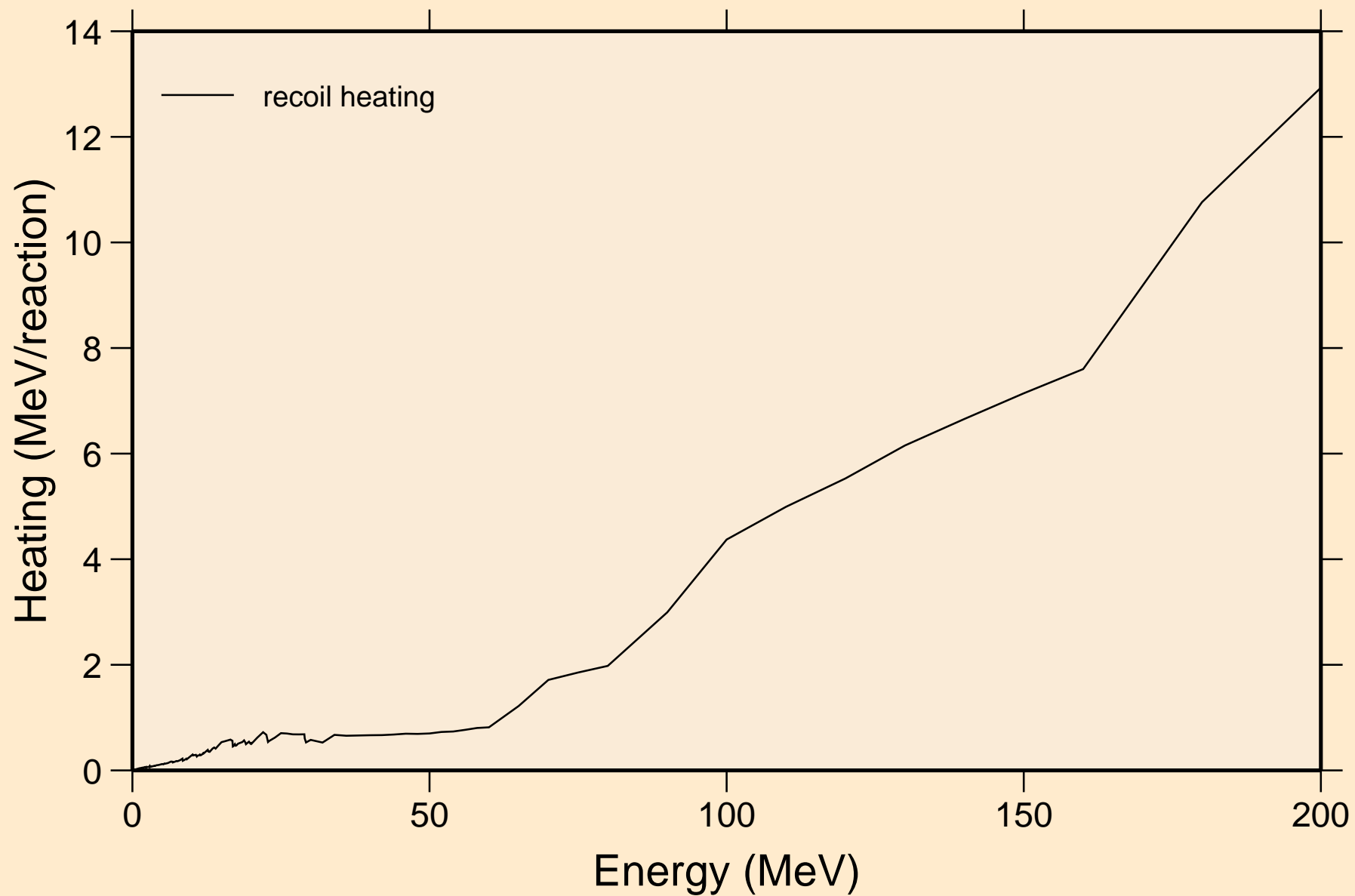
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



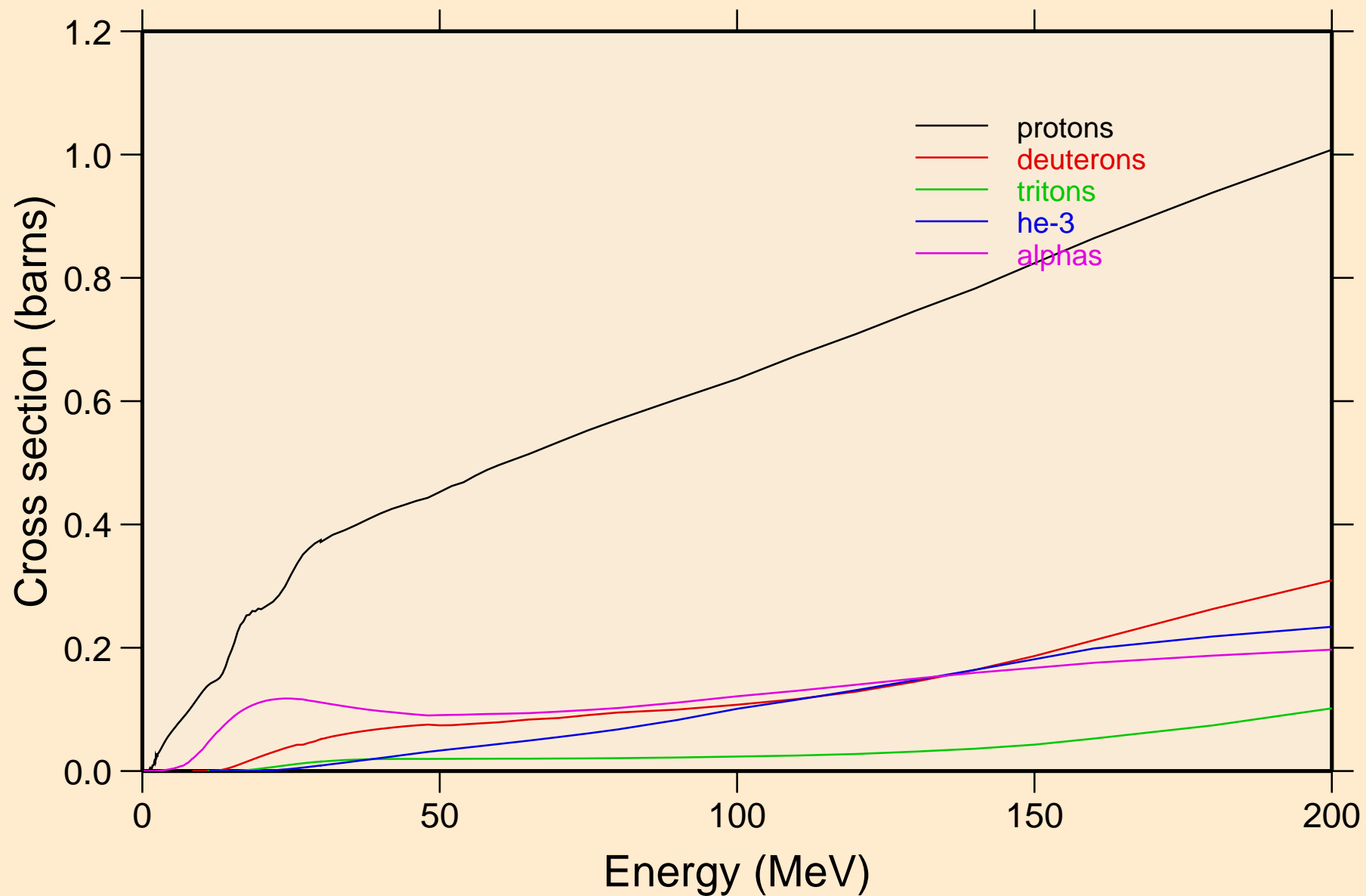
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions



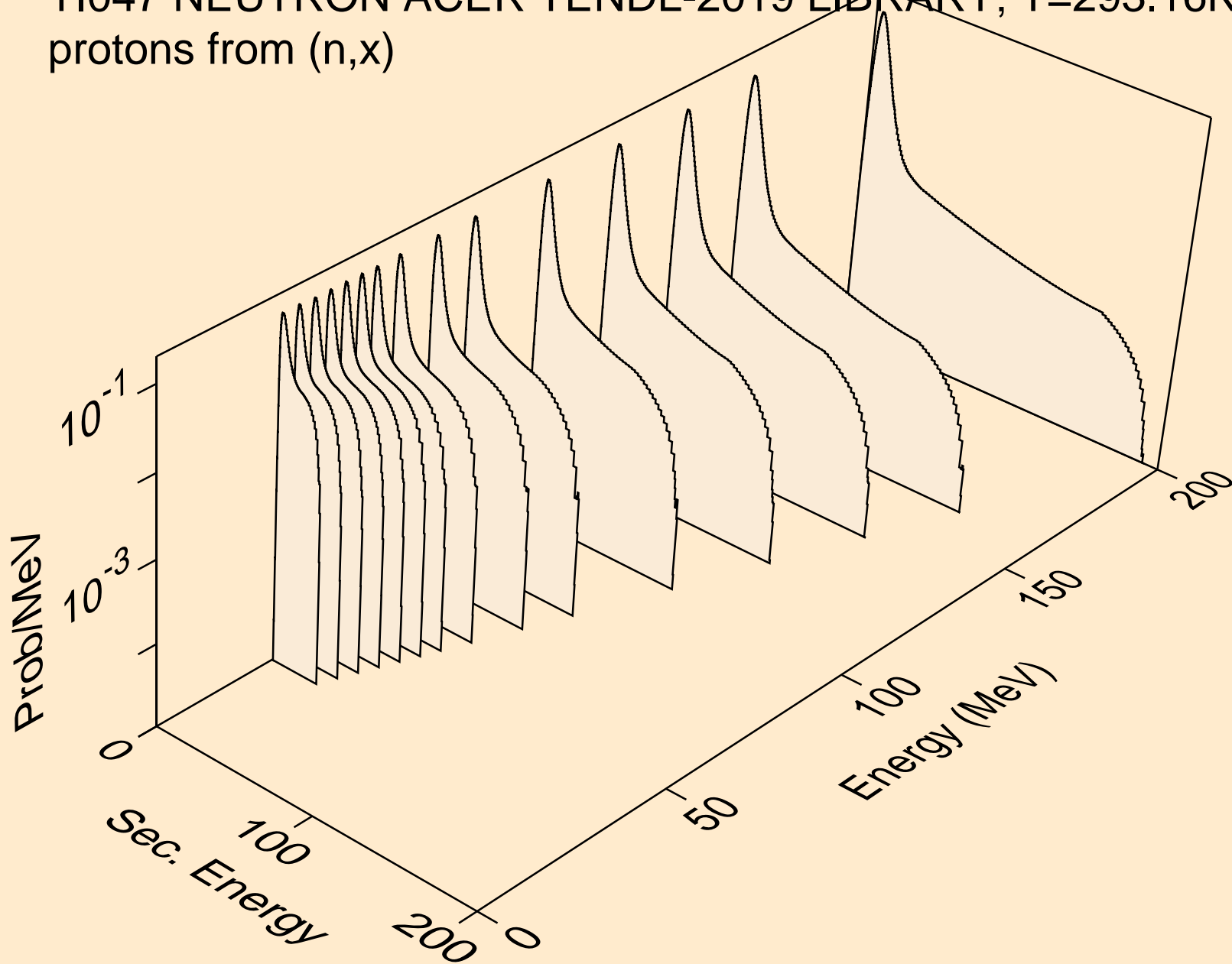
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



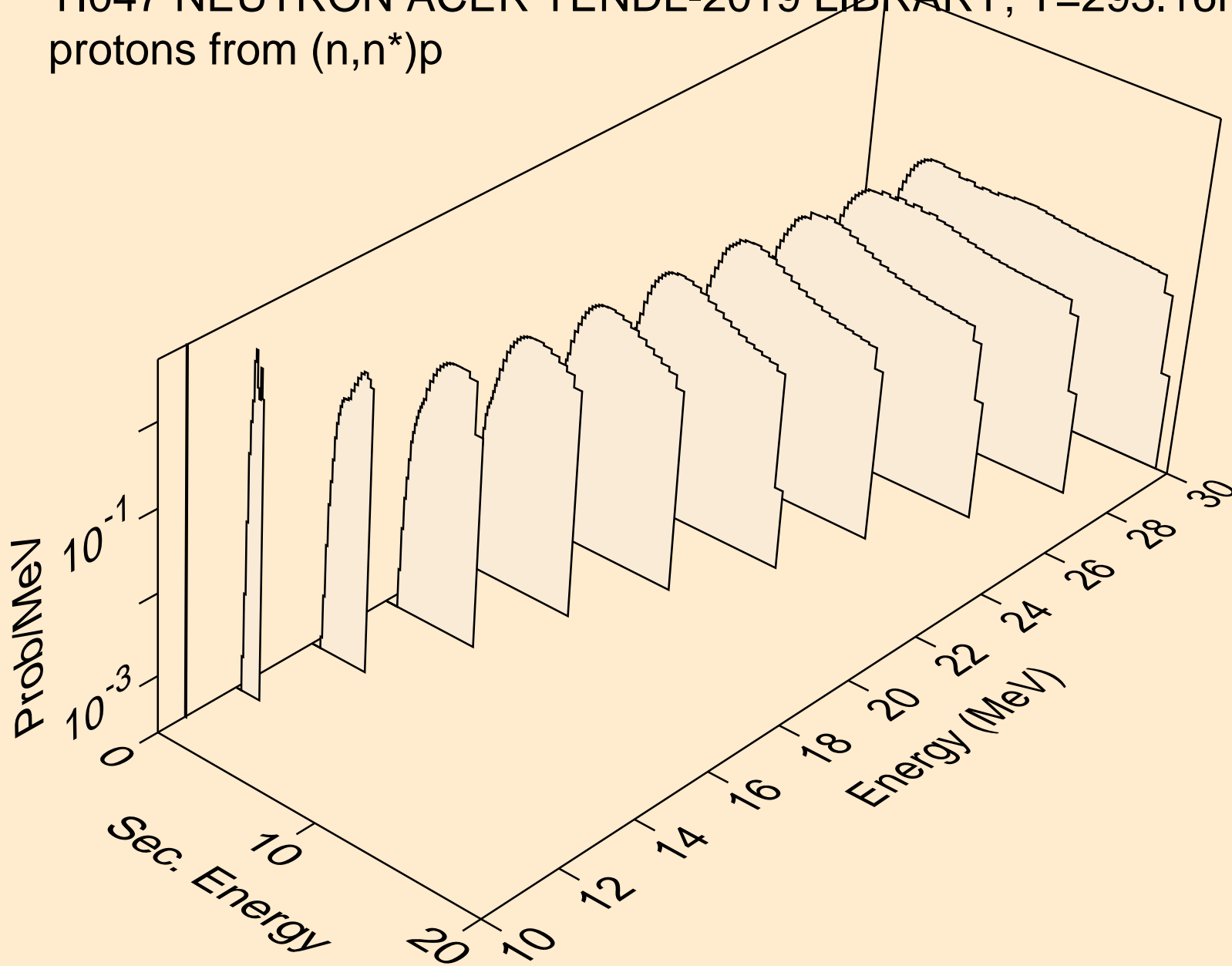
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



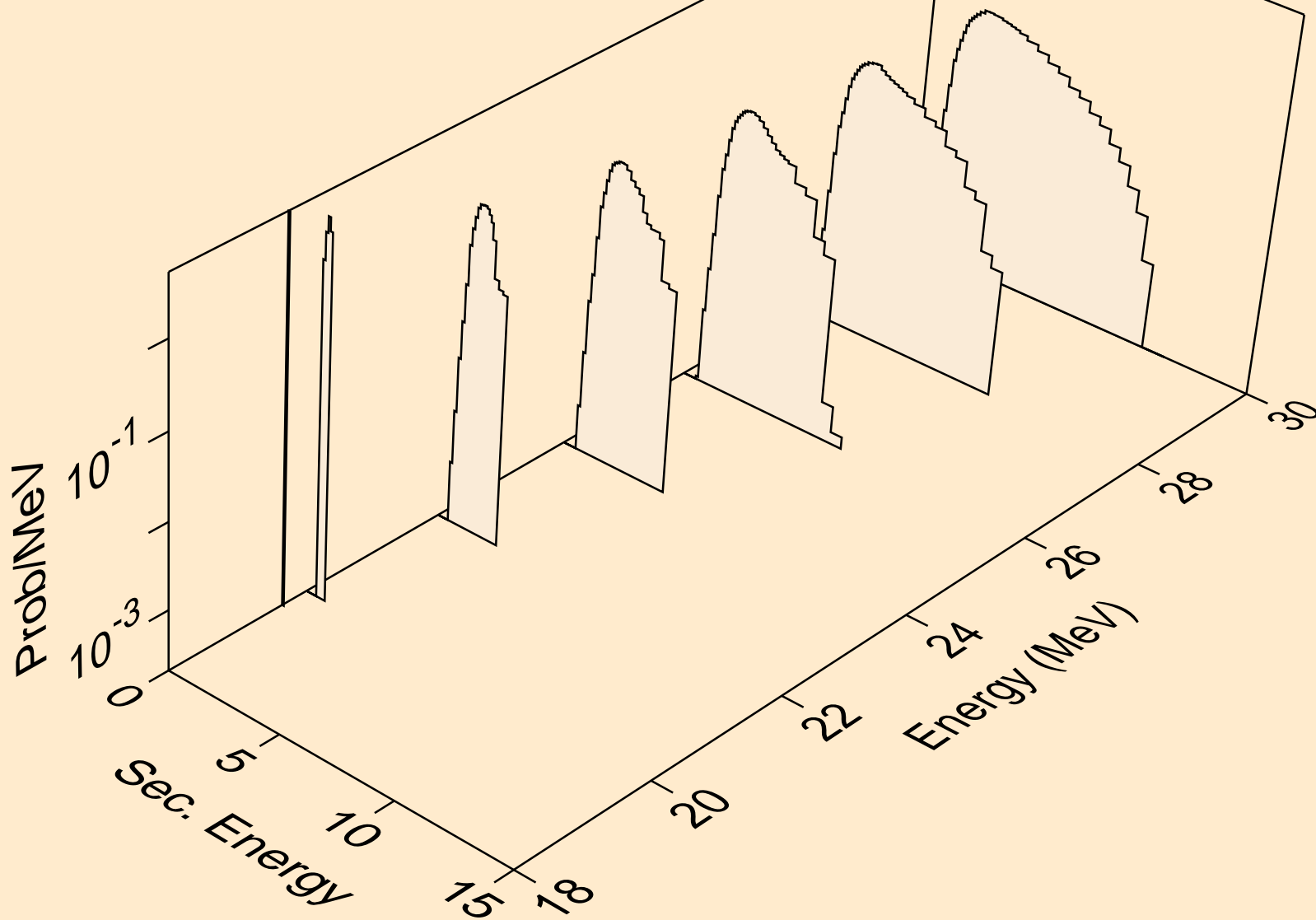
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



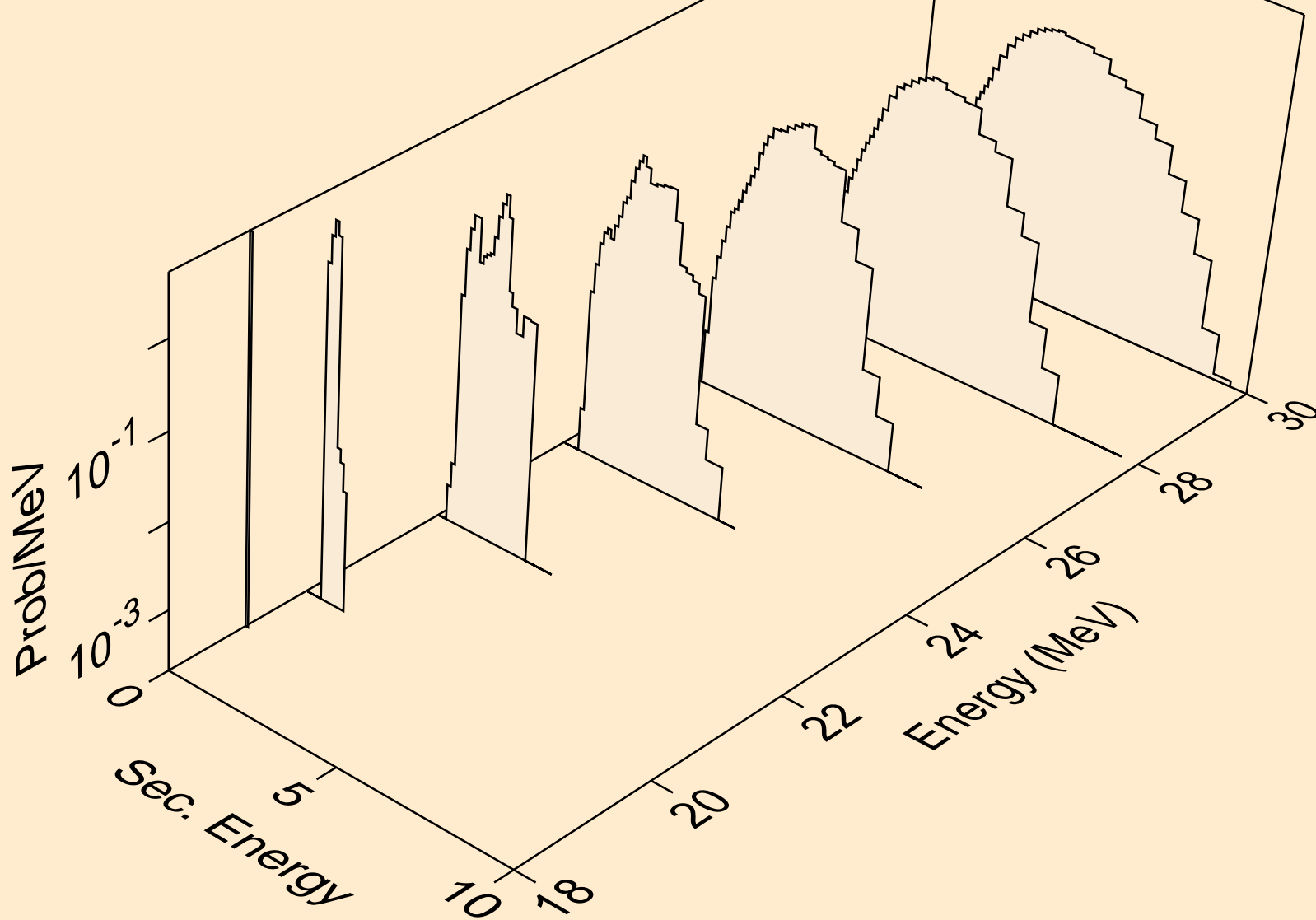
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



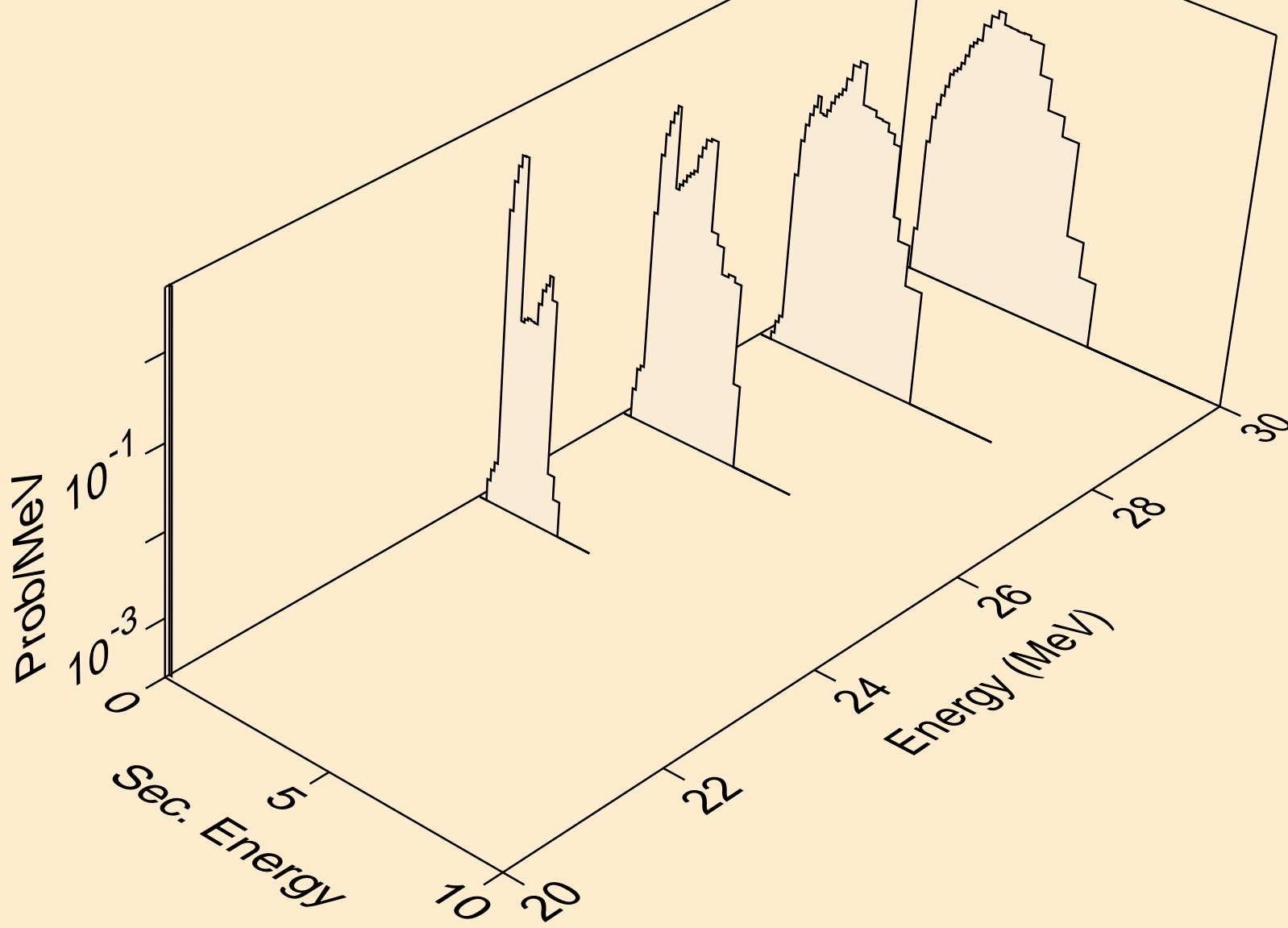
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



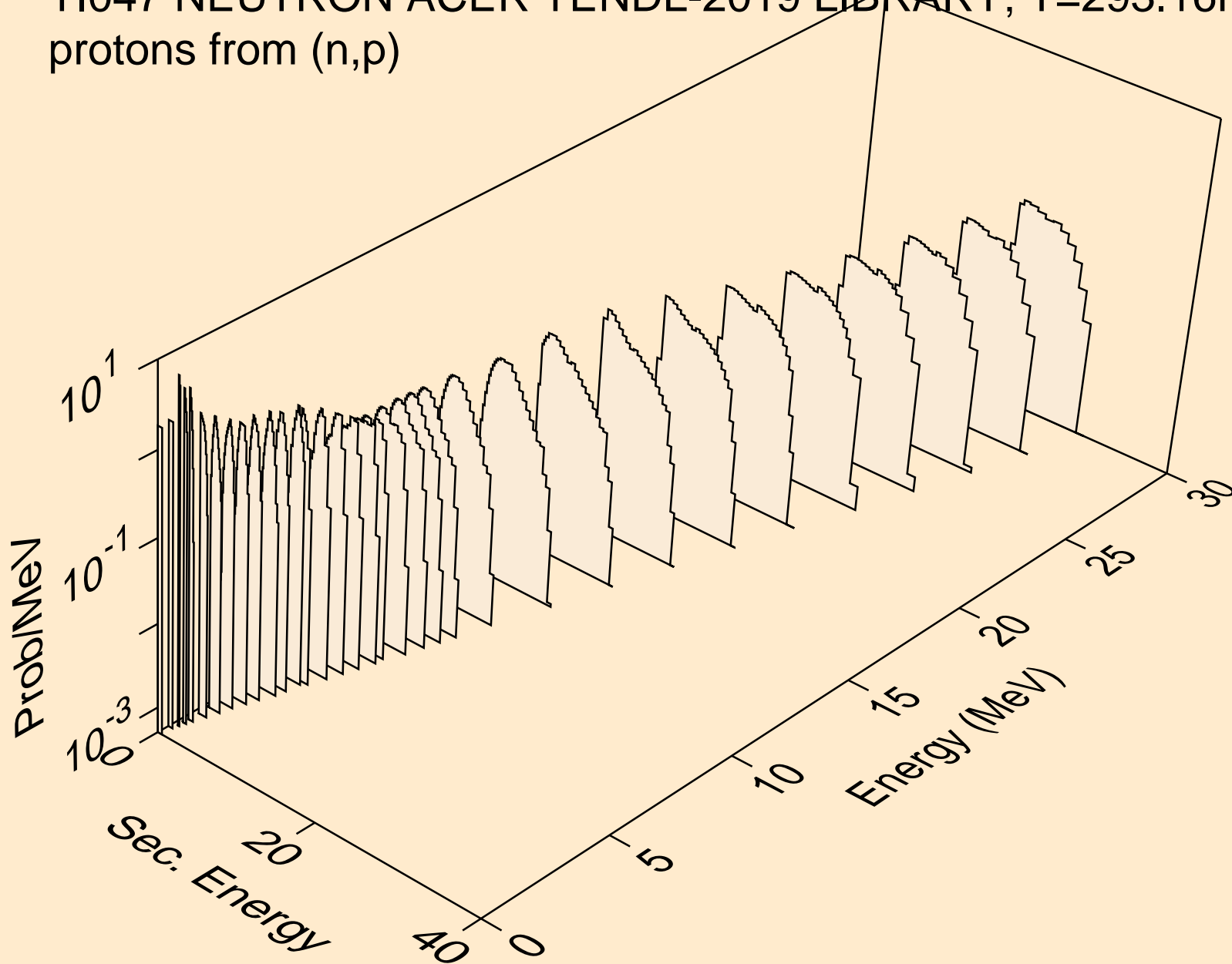
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



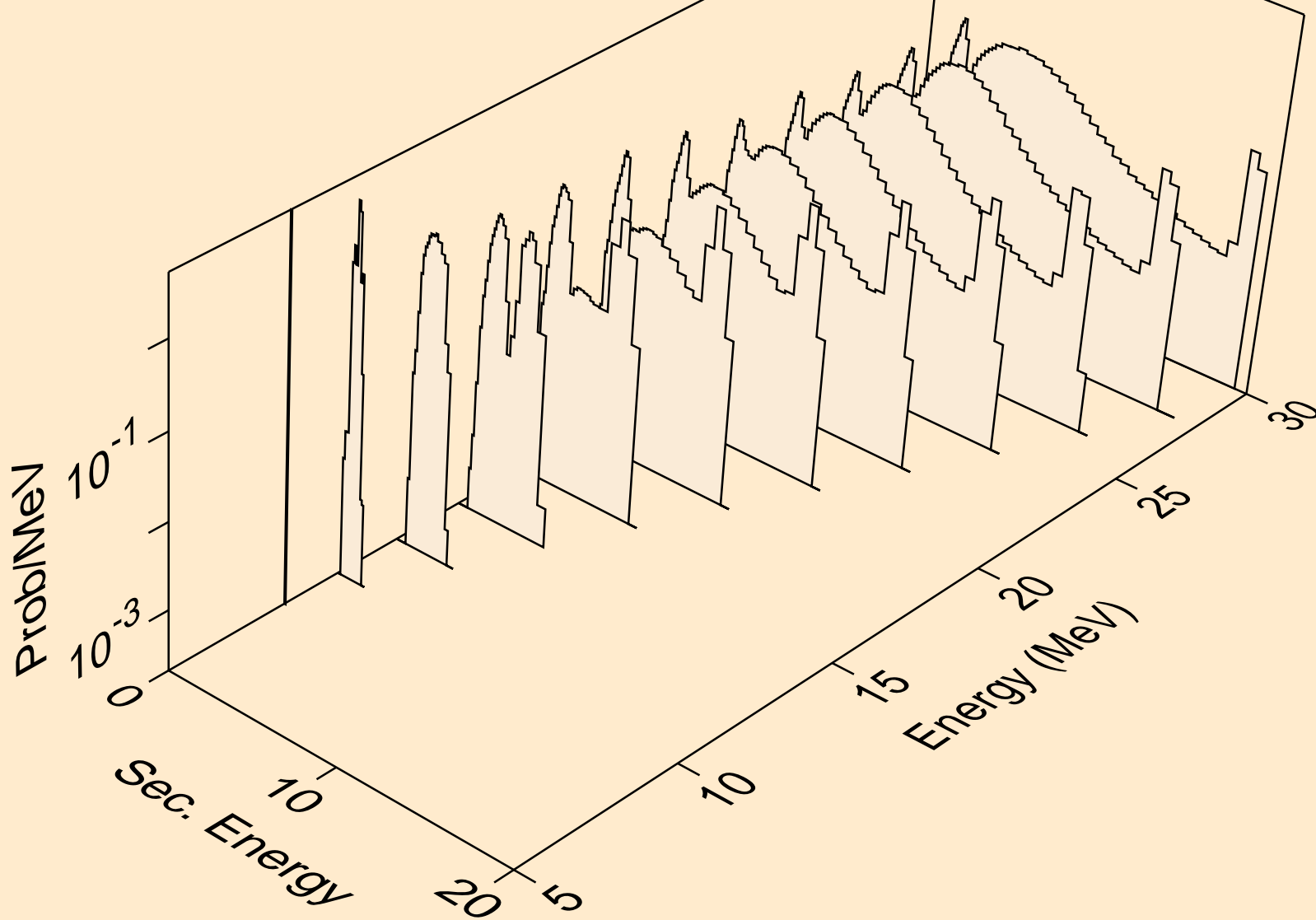
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



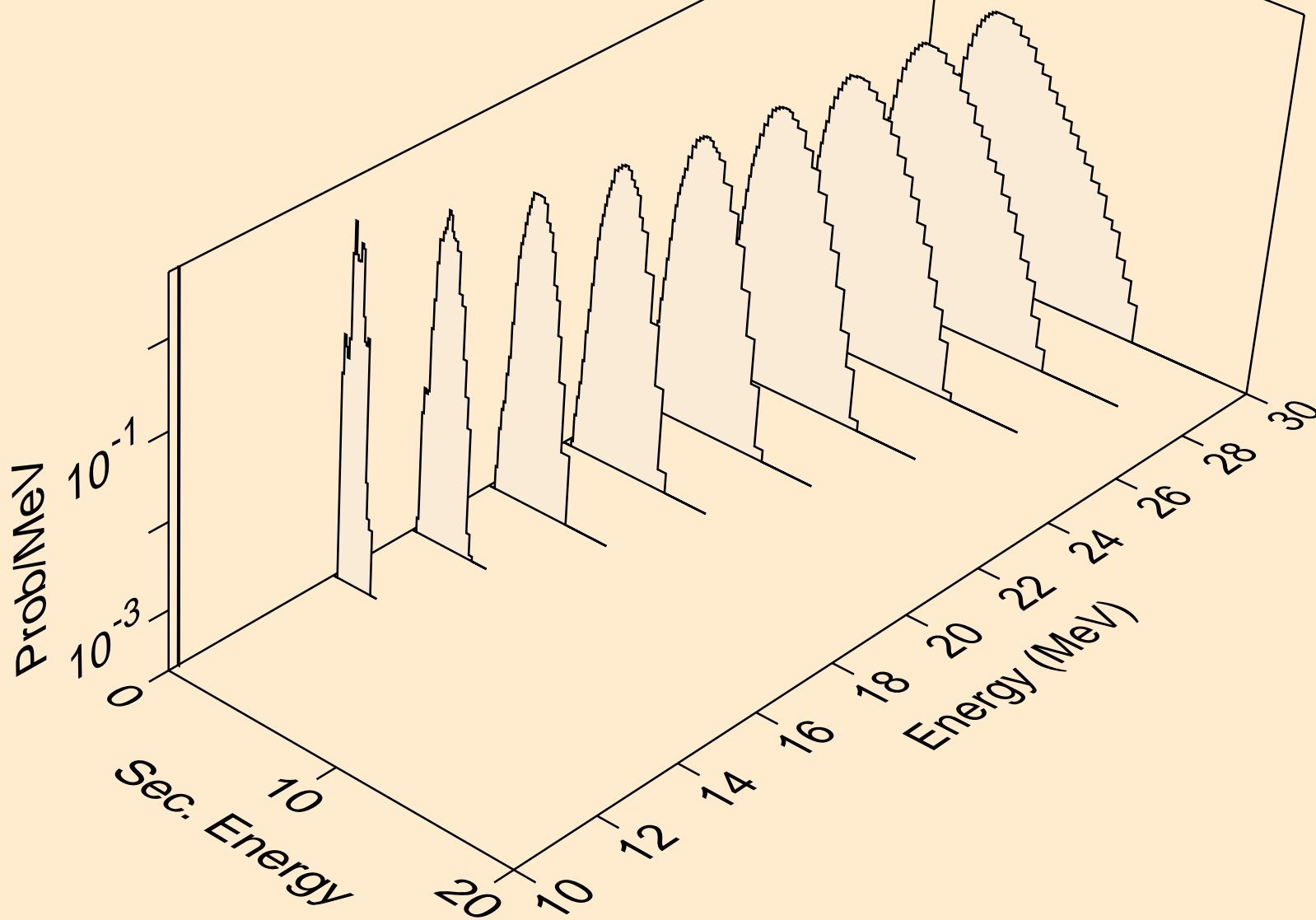
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



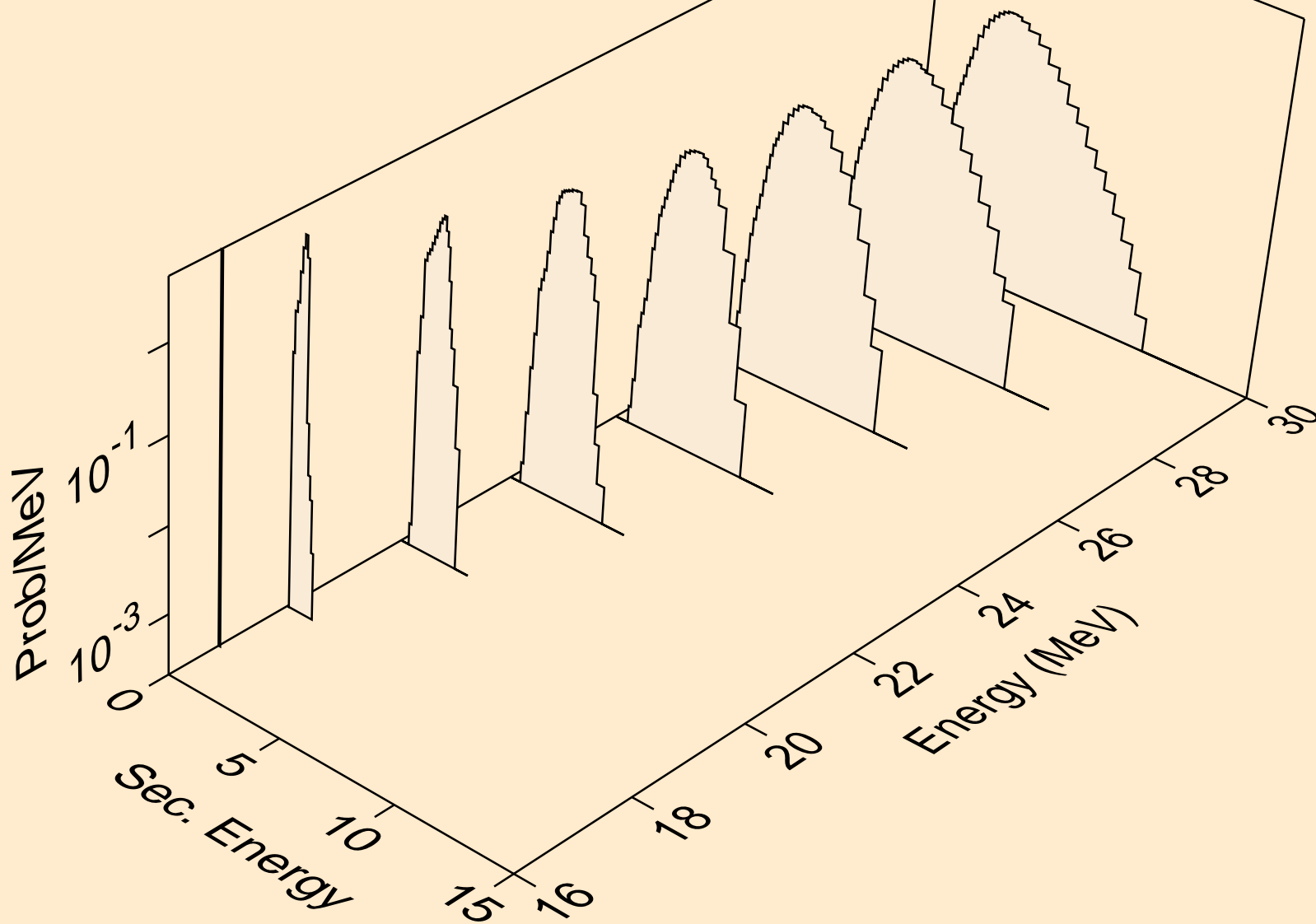
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



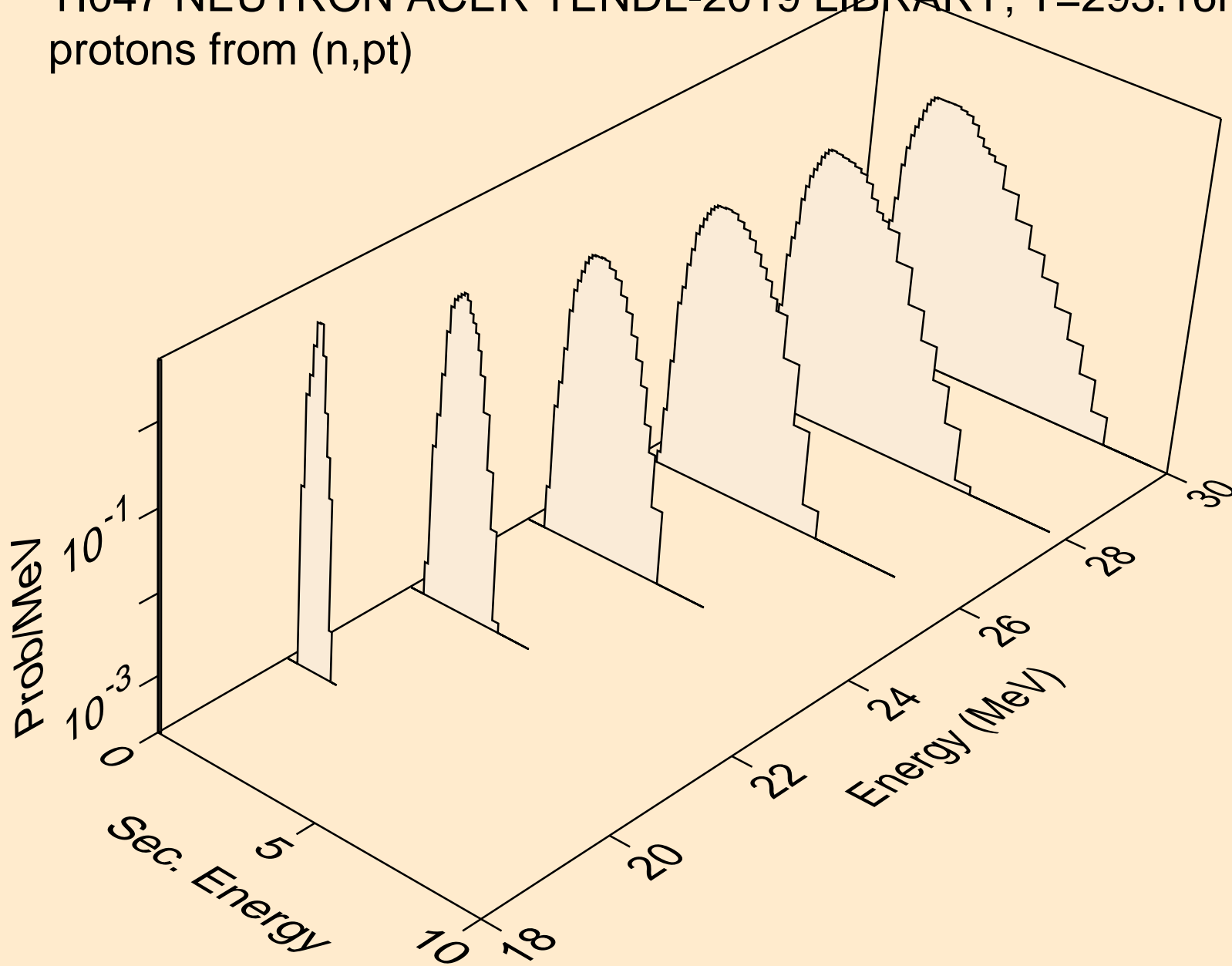
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



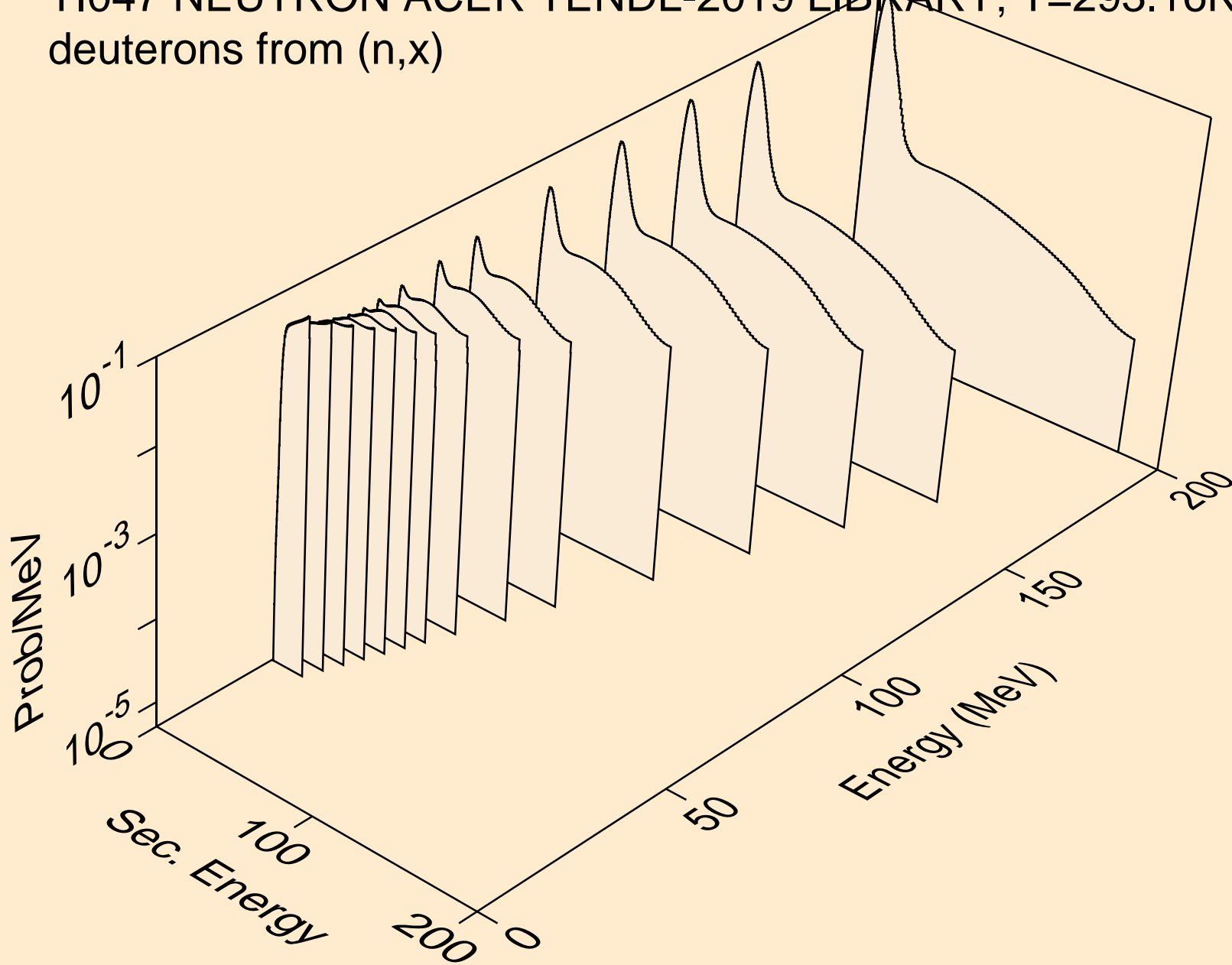
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



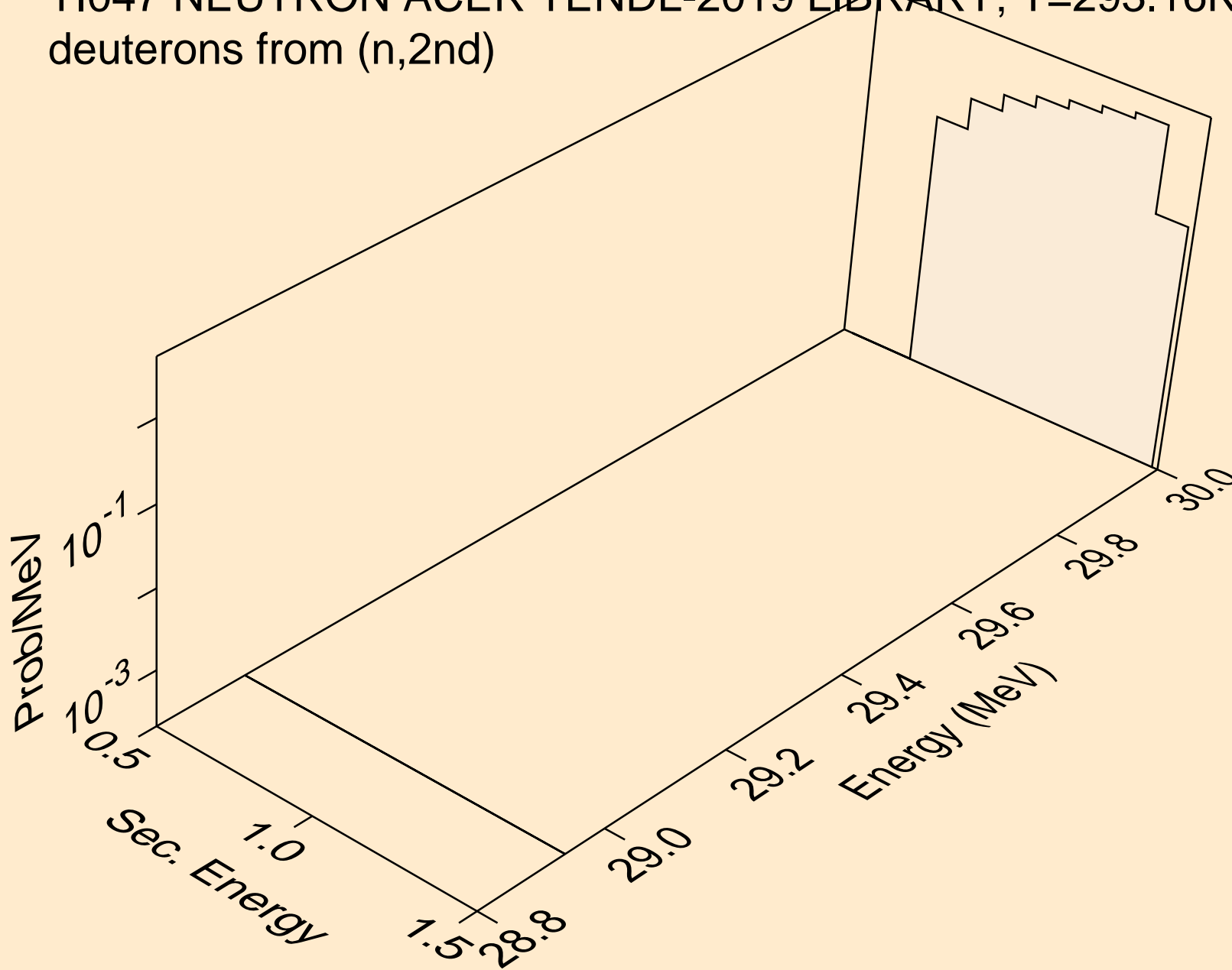
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



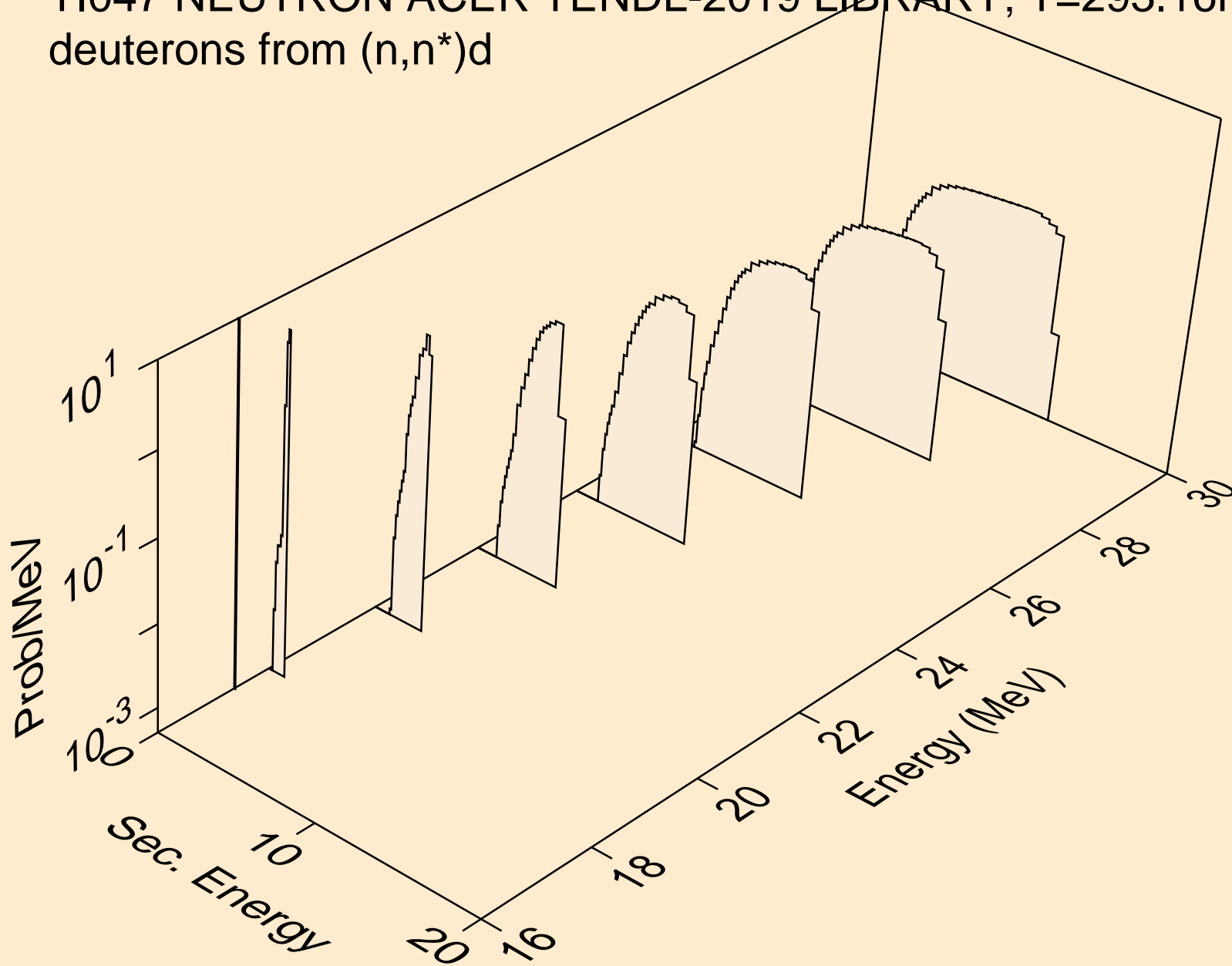
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



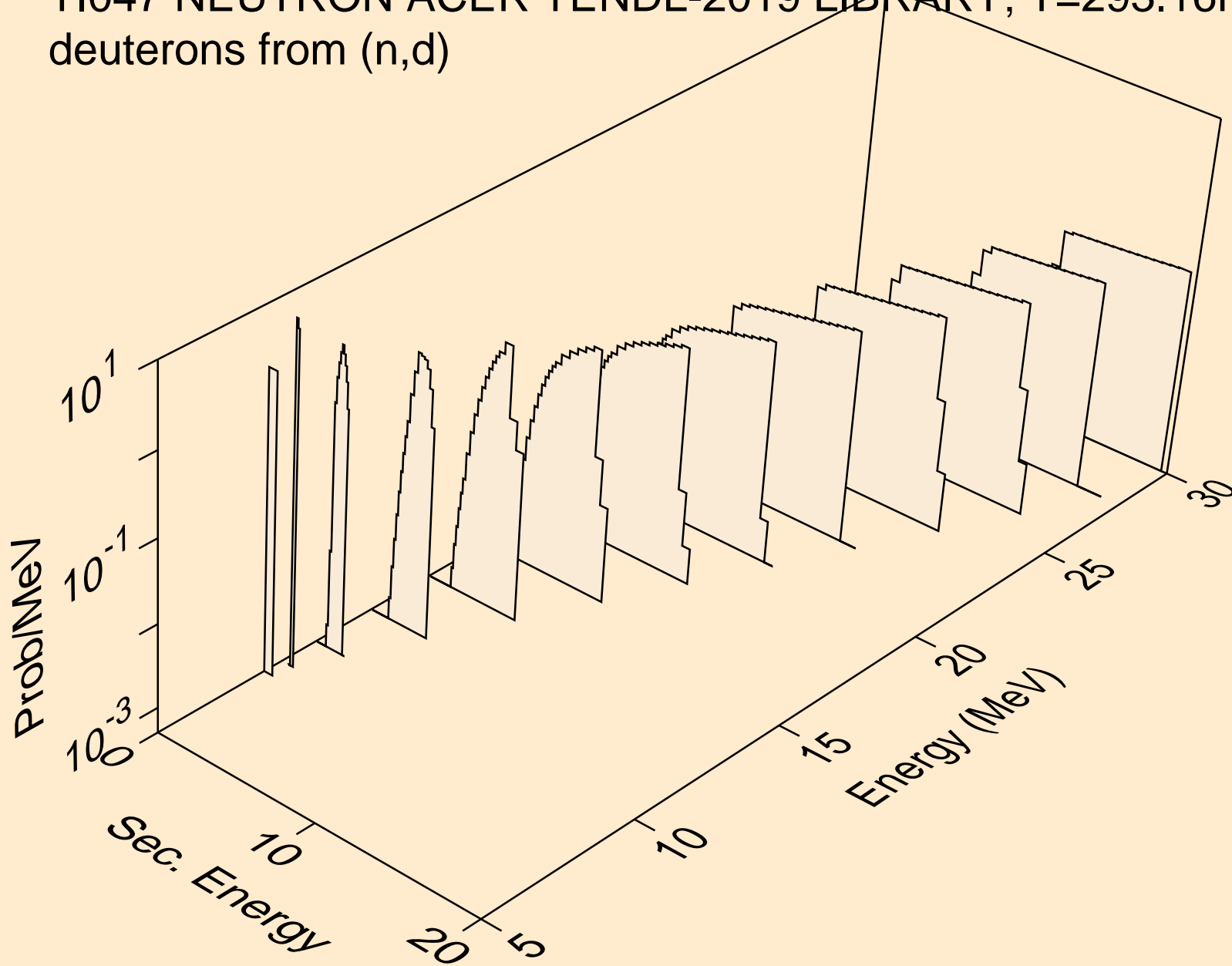
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



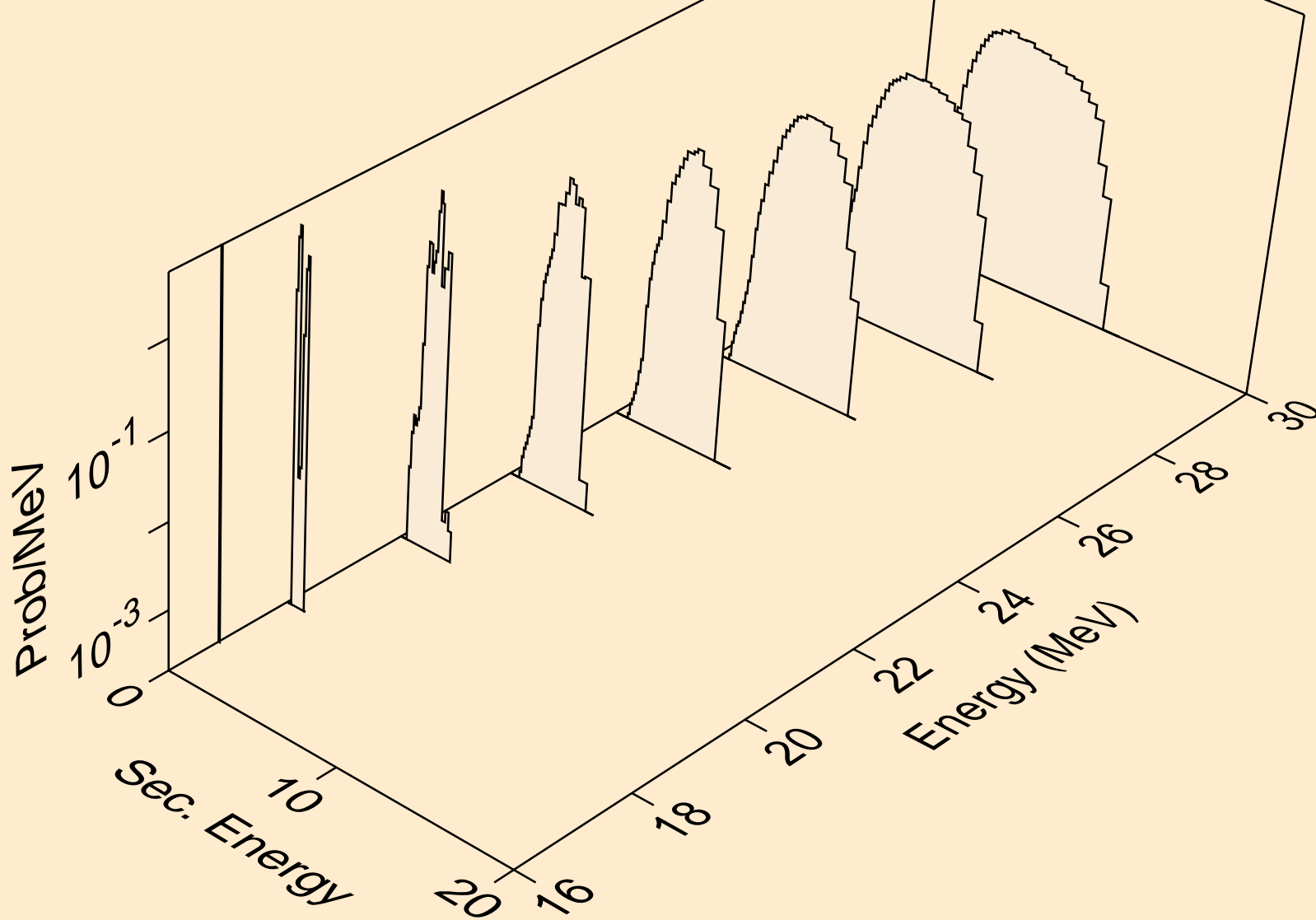
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



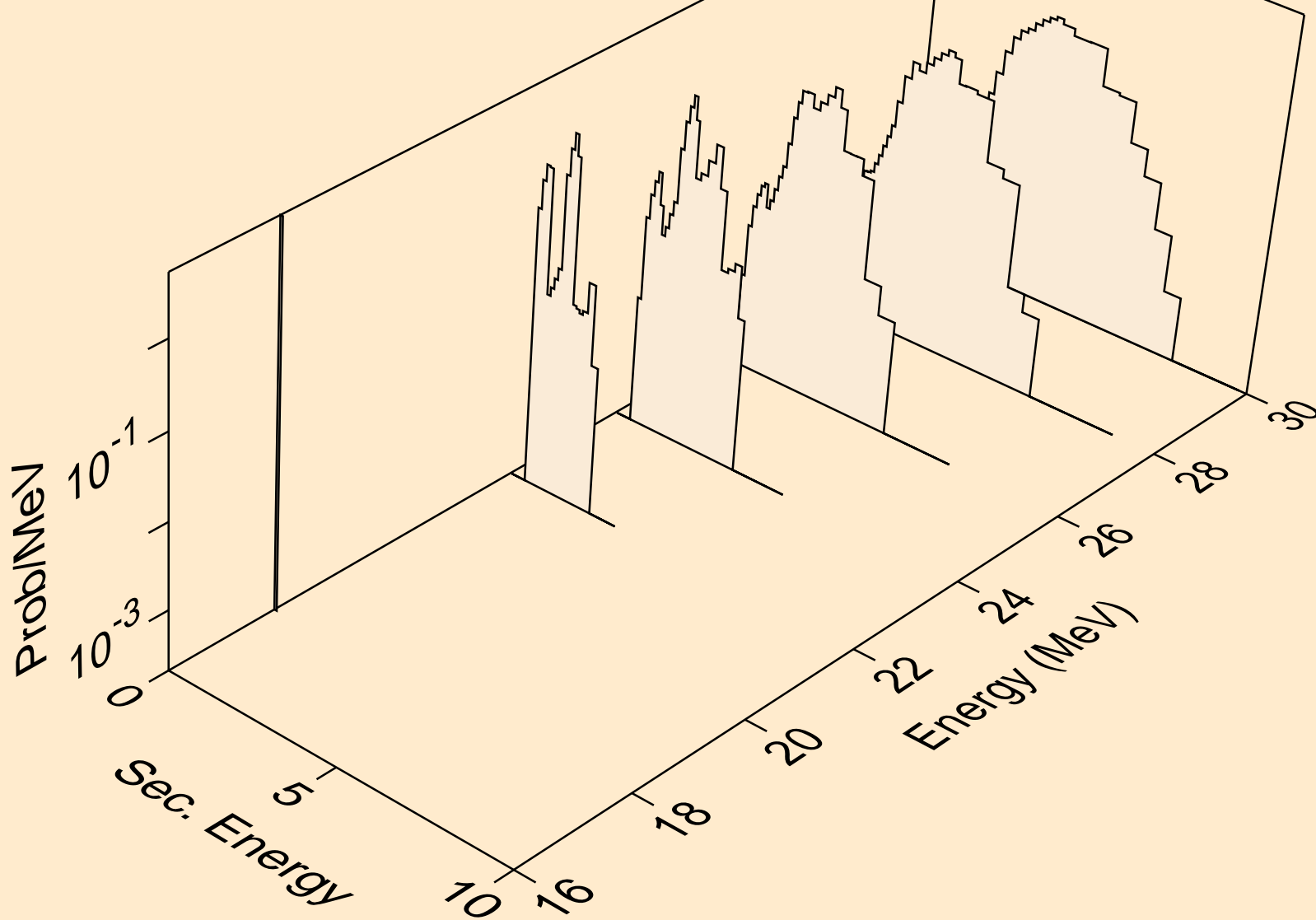
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



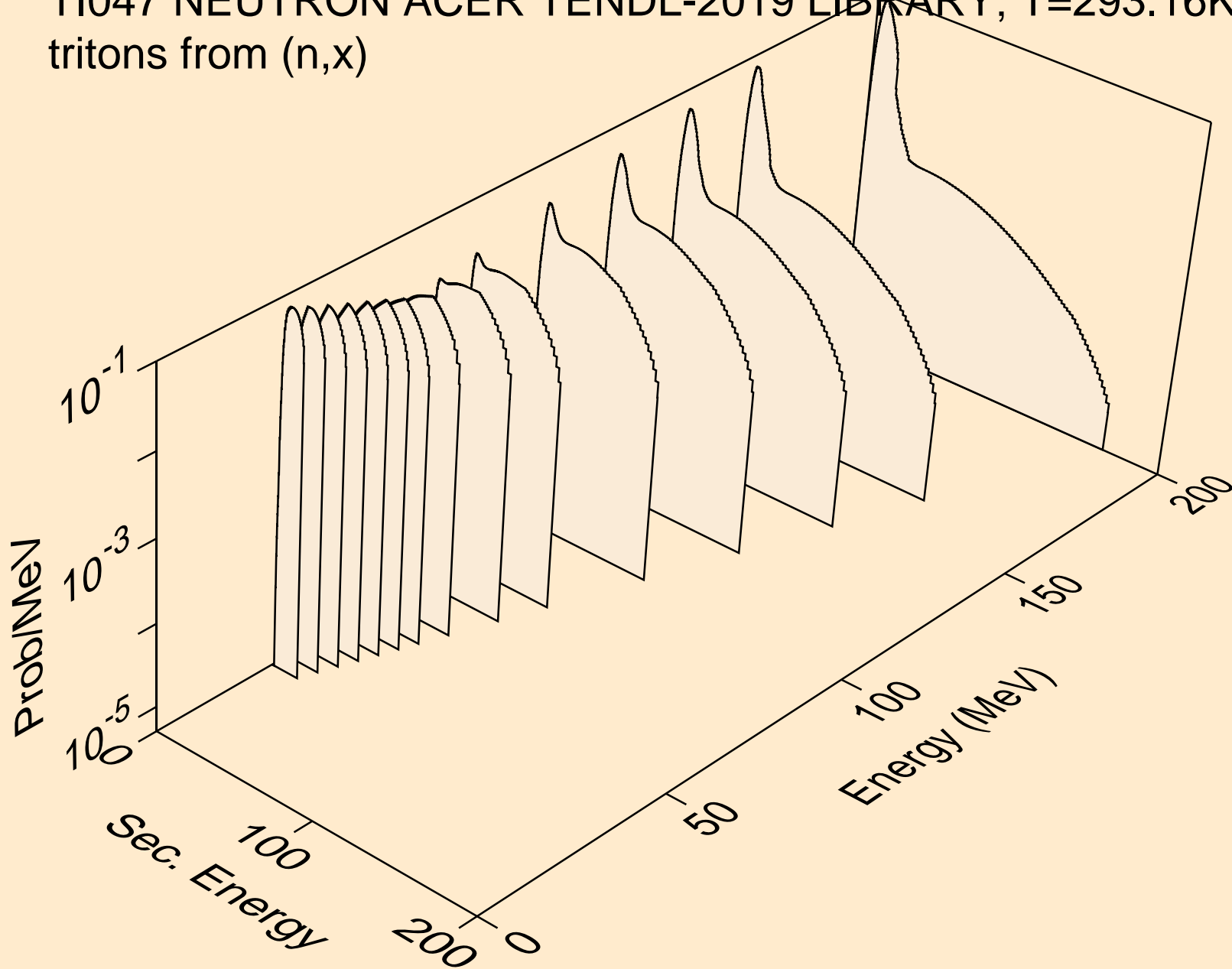
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



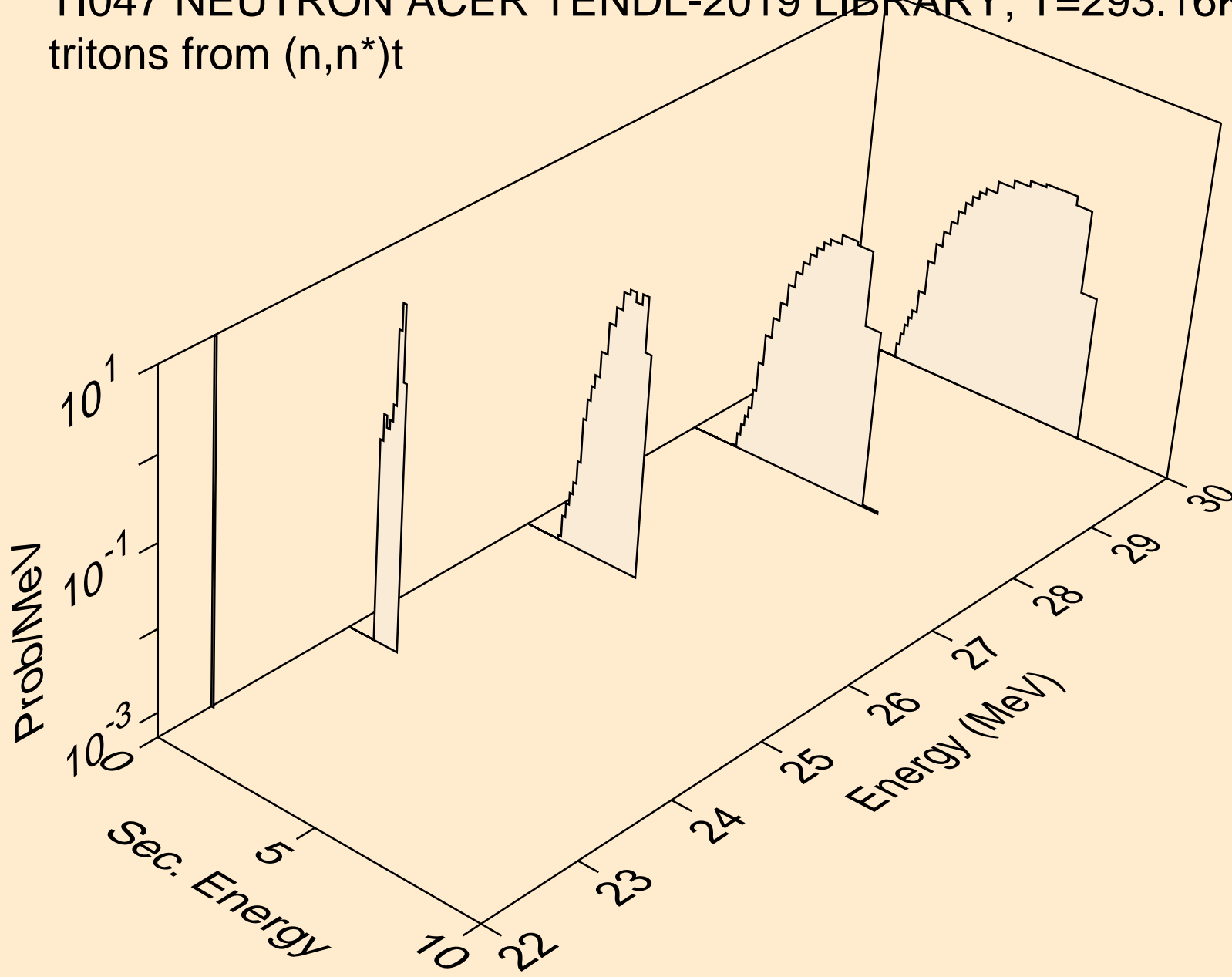
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



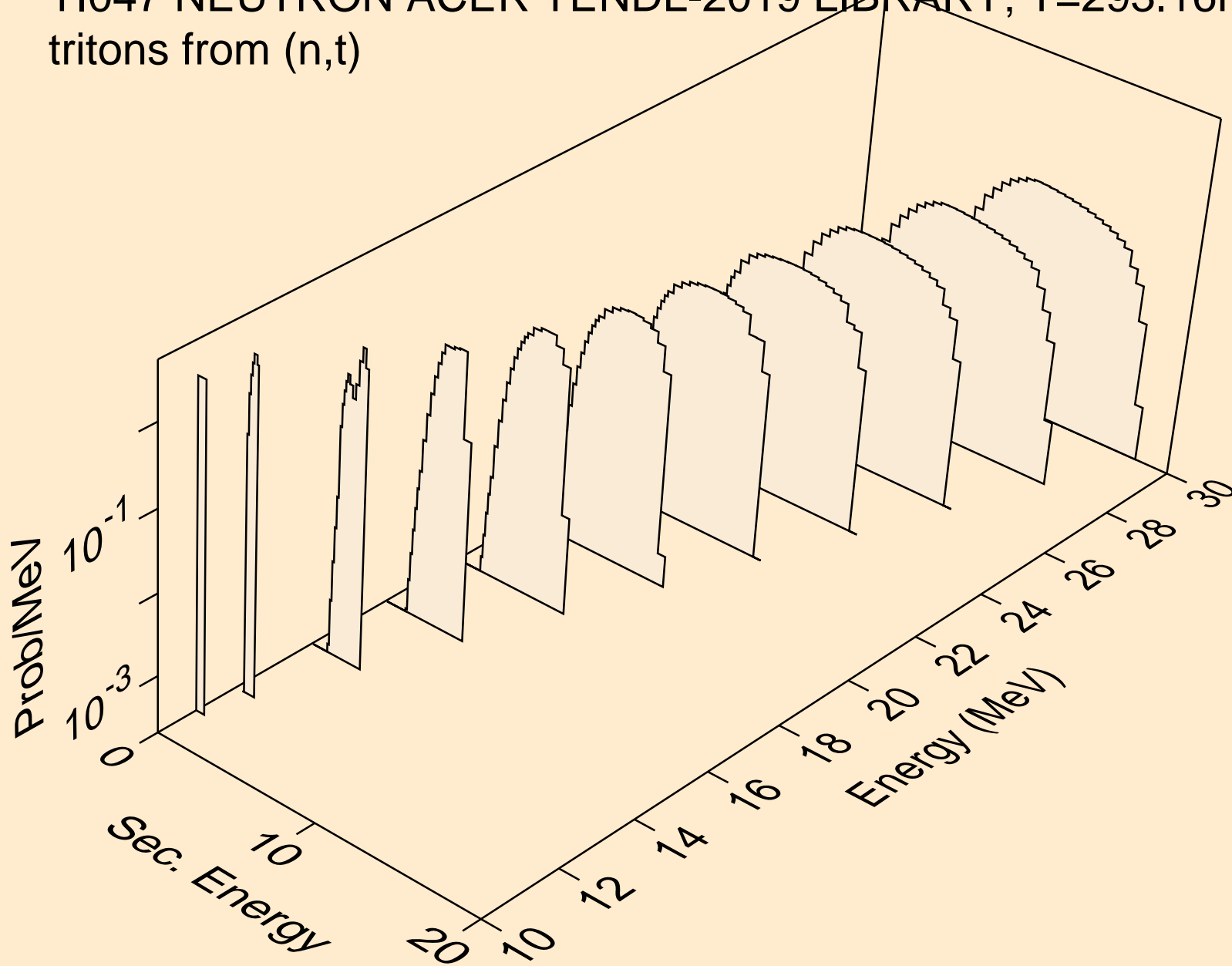
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



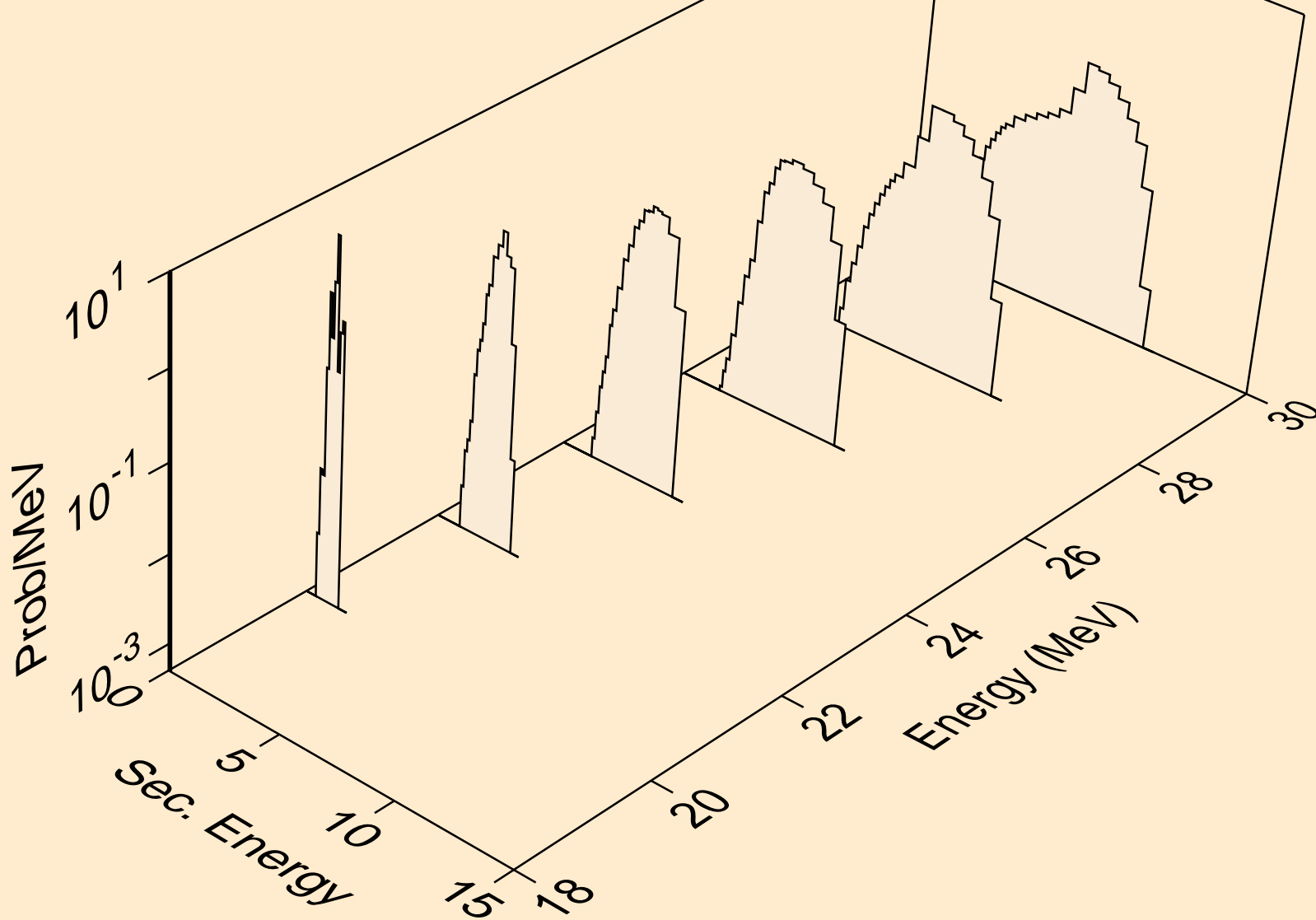
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



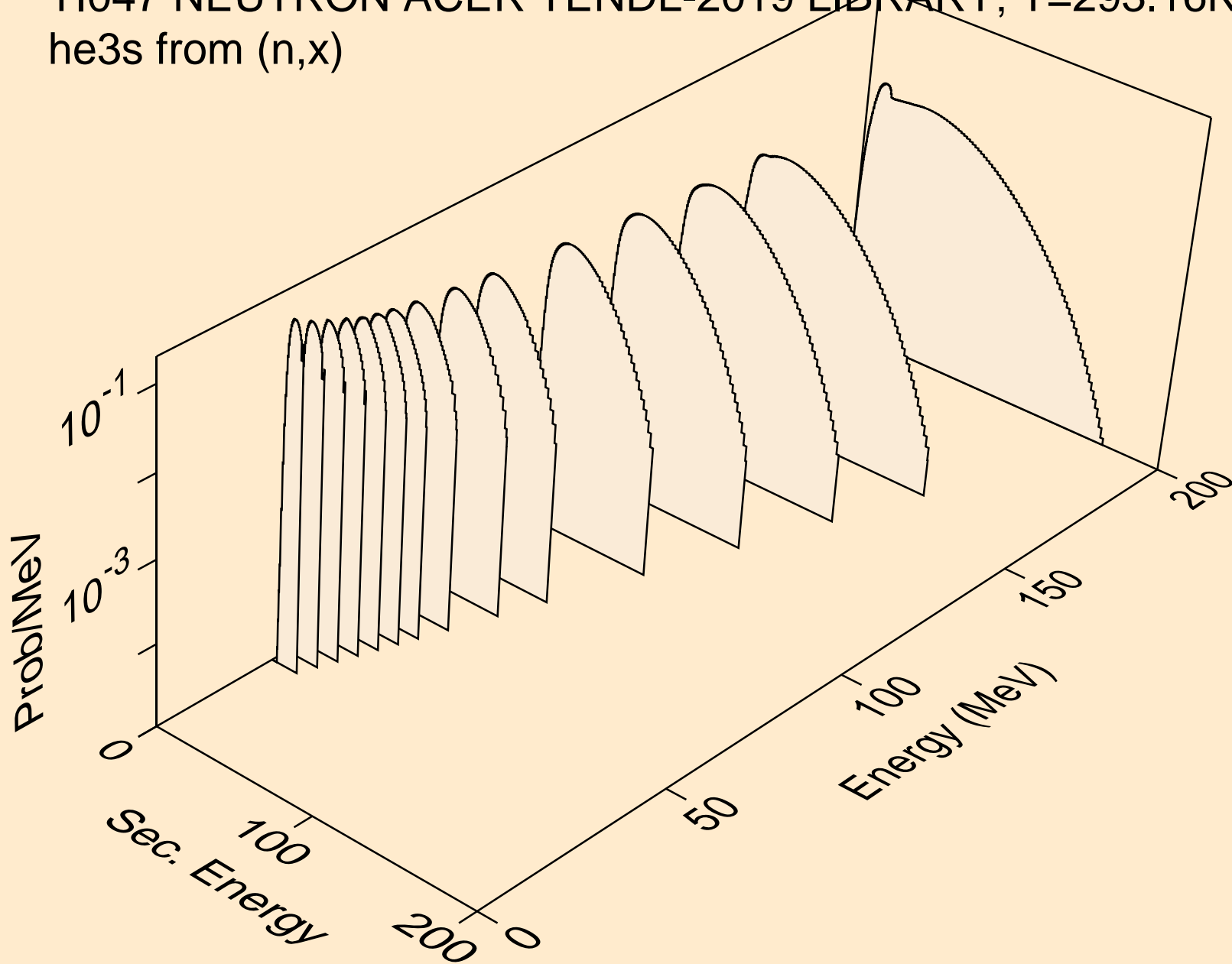
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



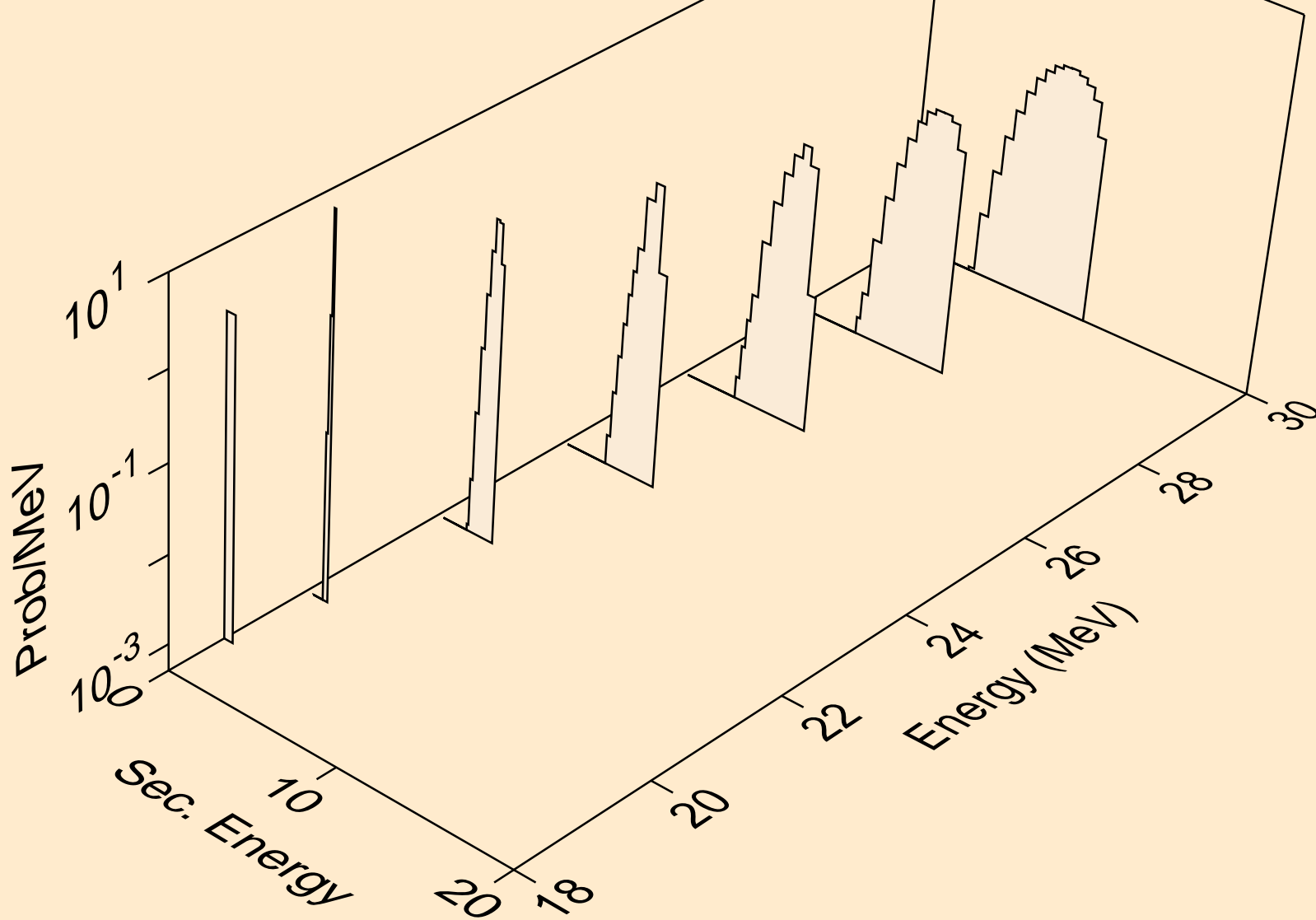
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



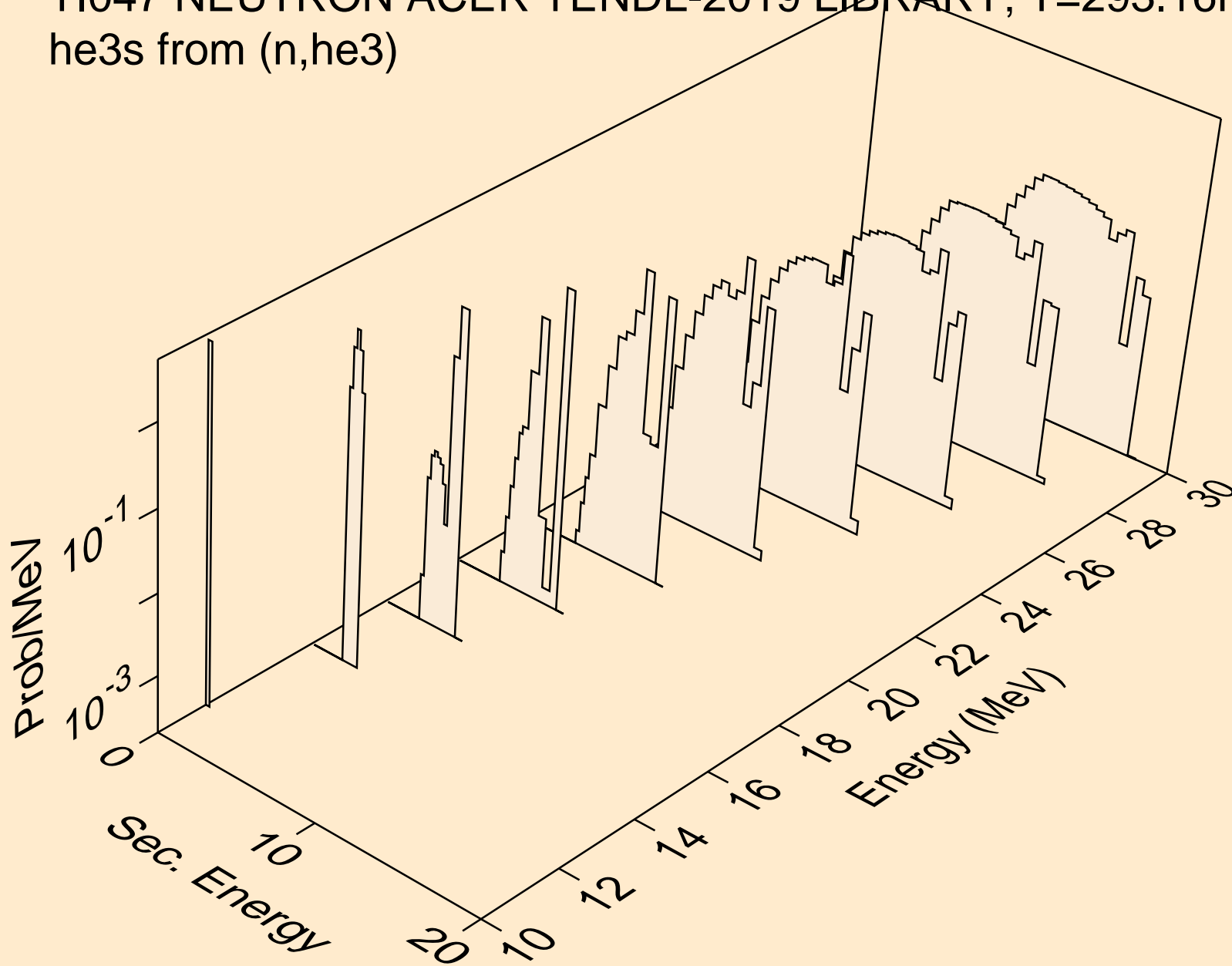
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



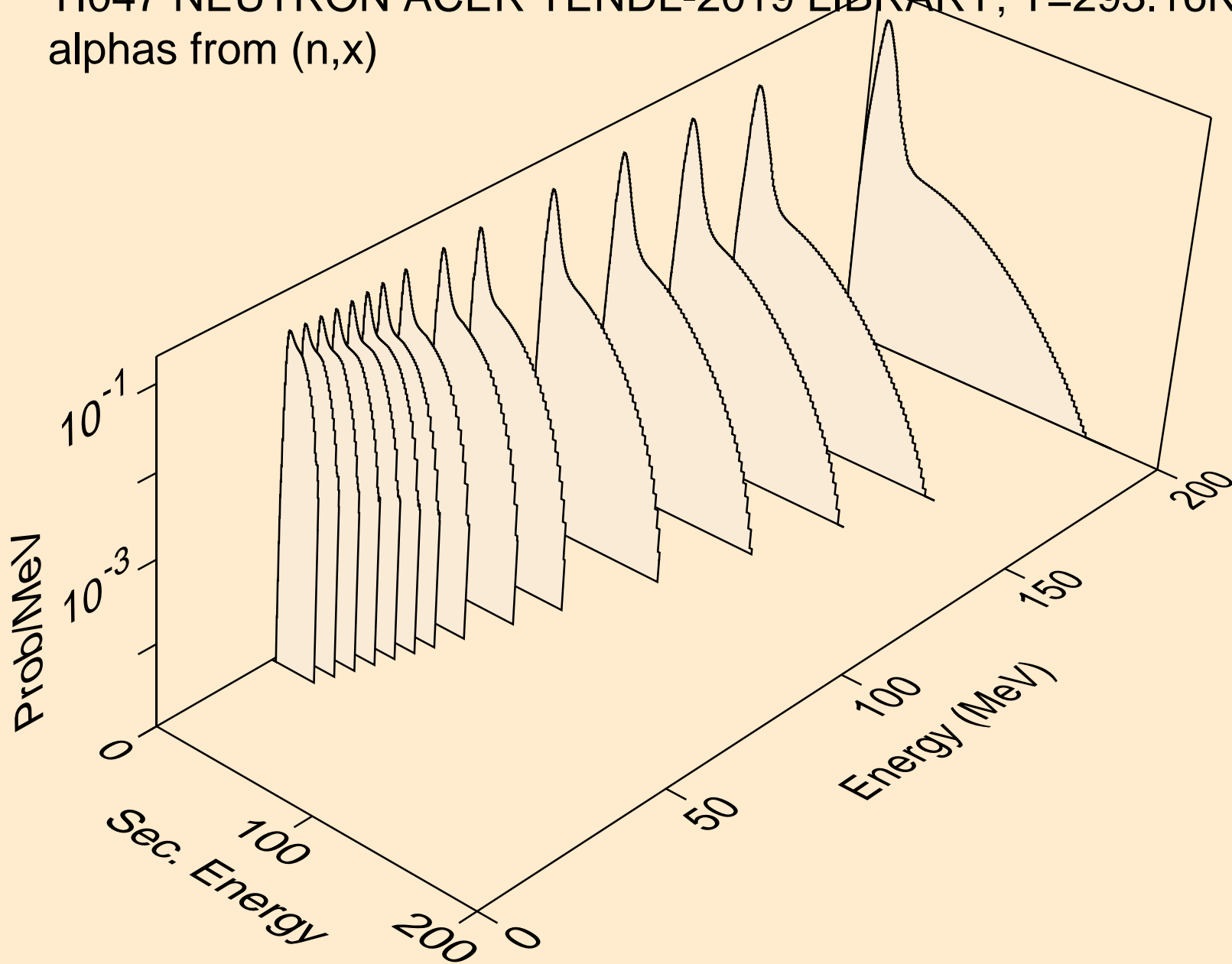
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



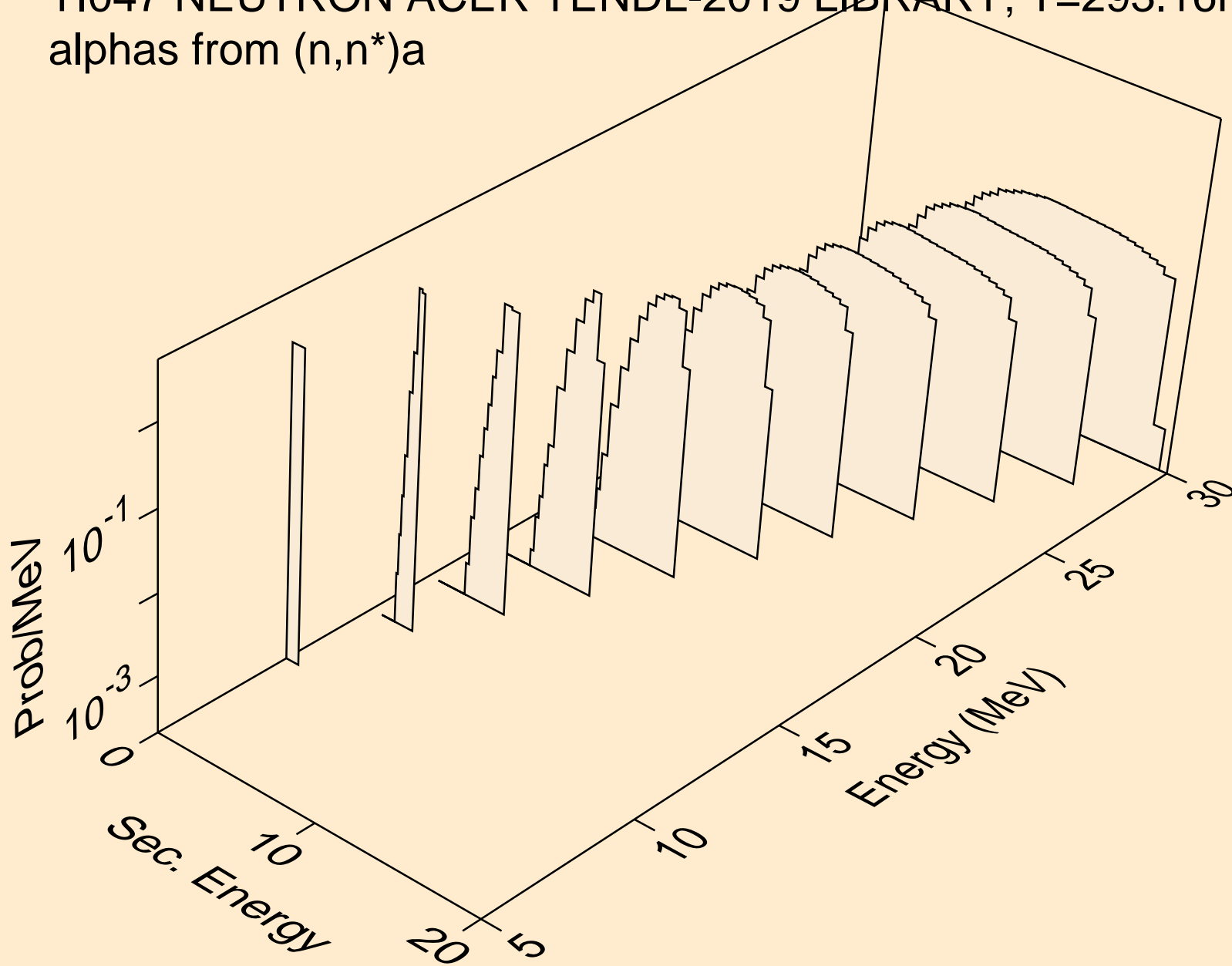
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



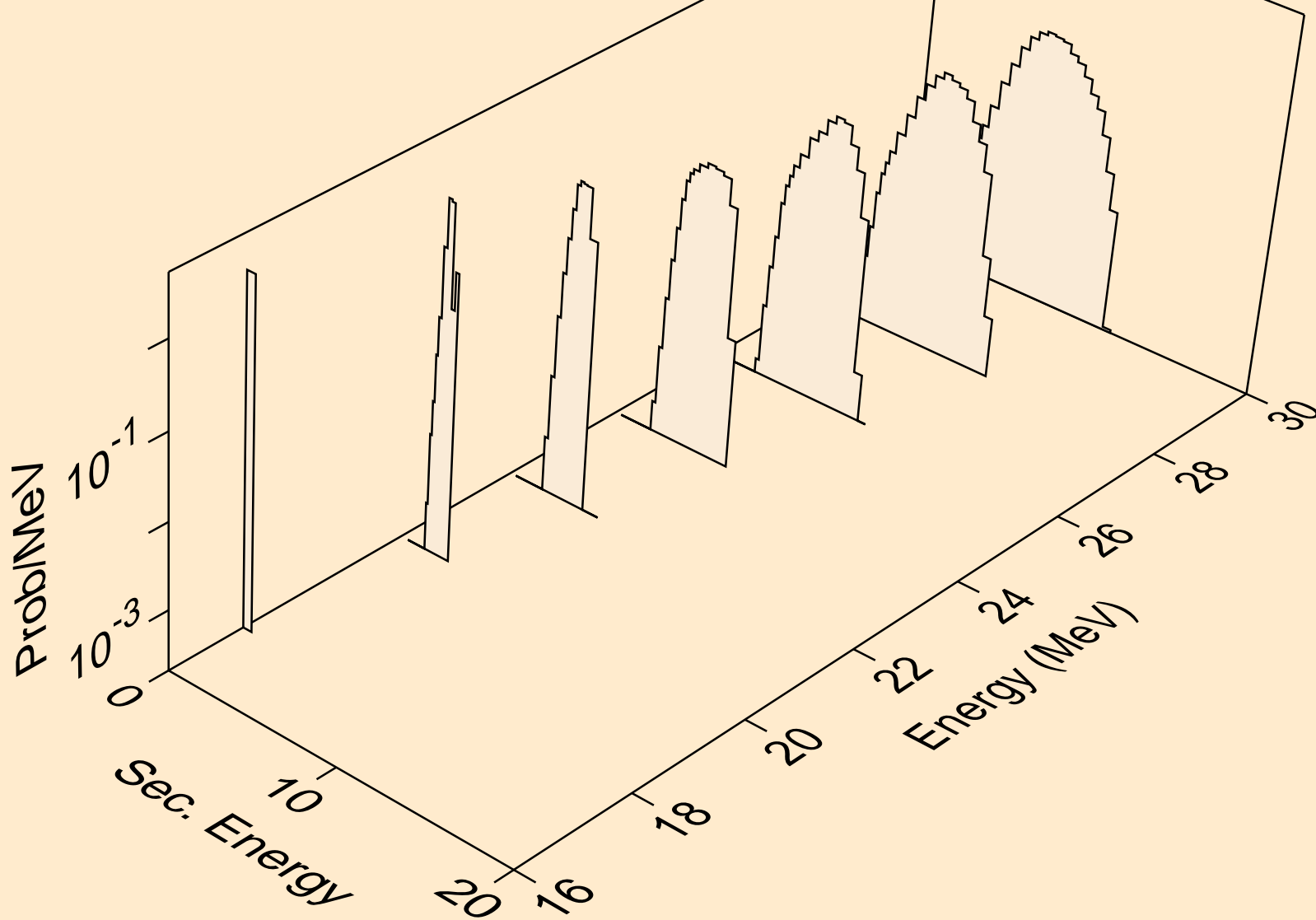
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



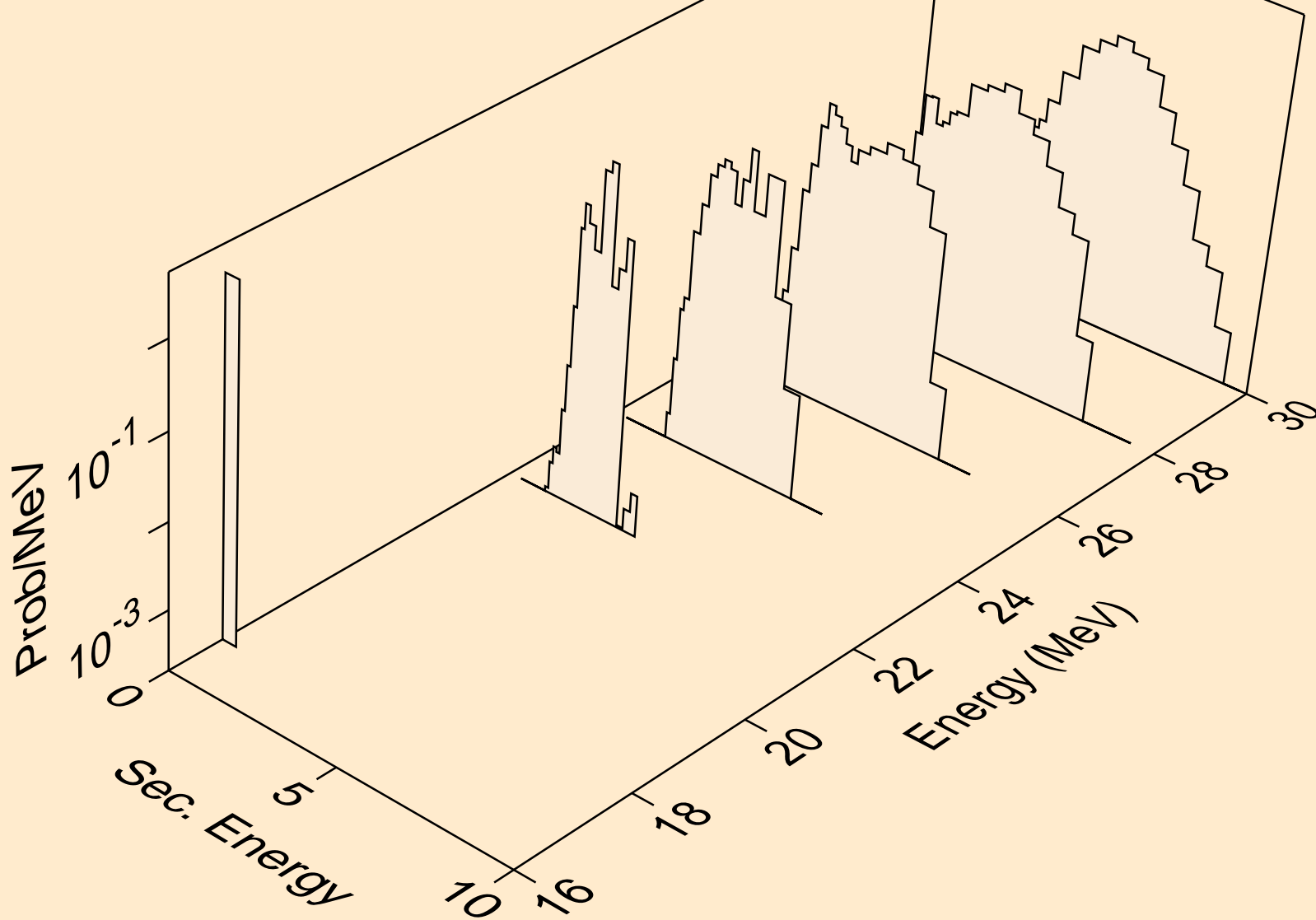
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



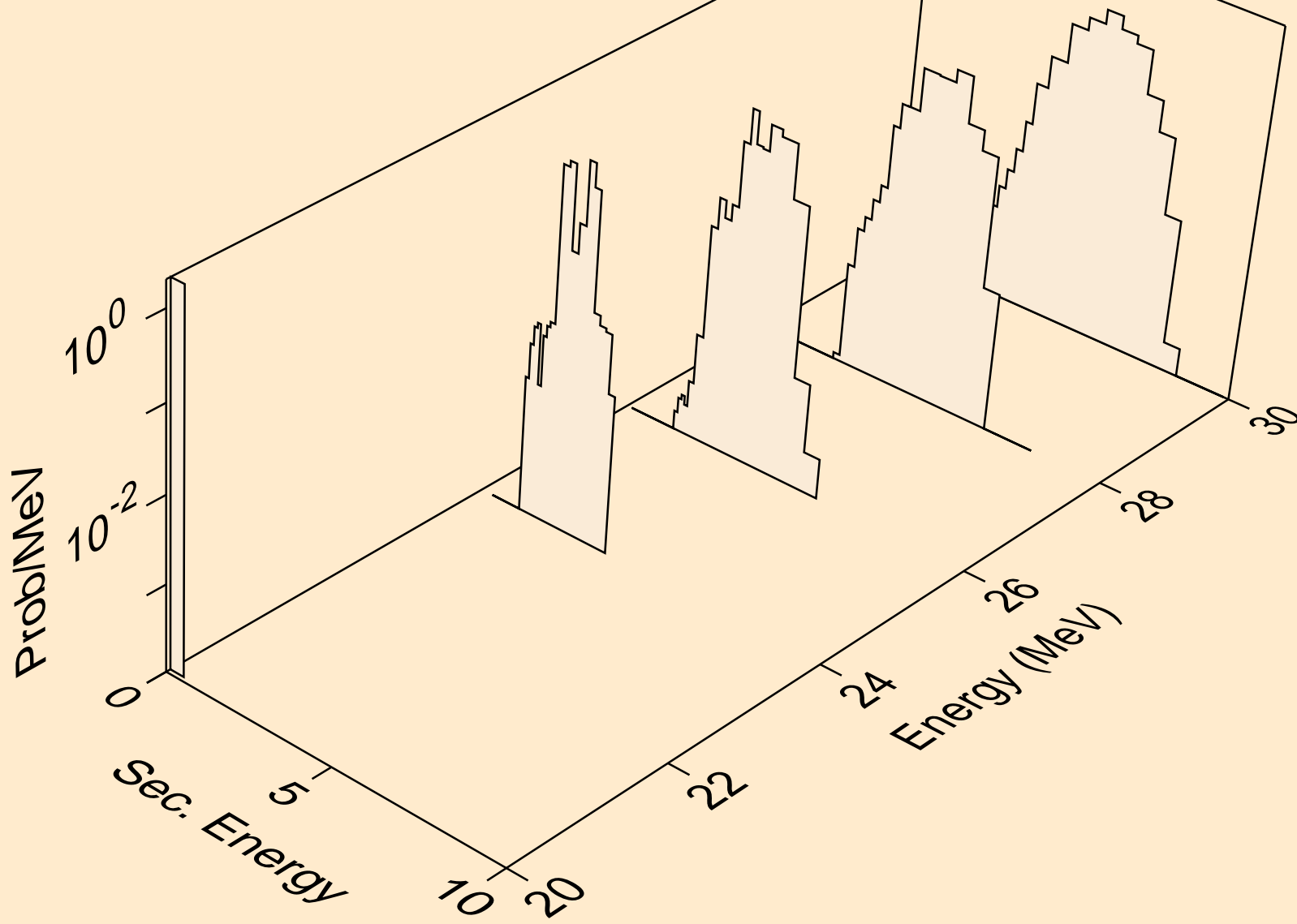
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



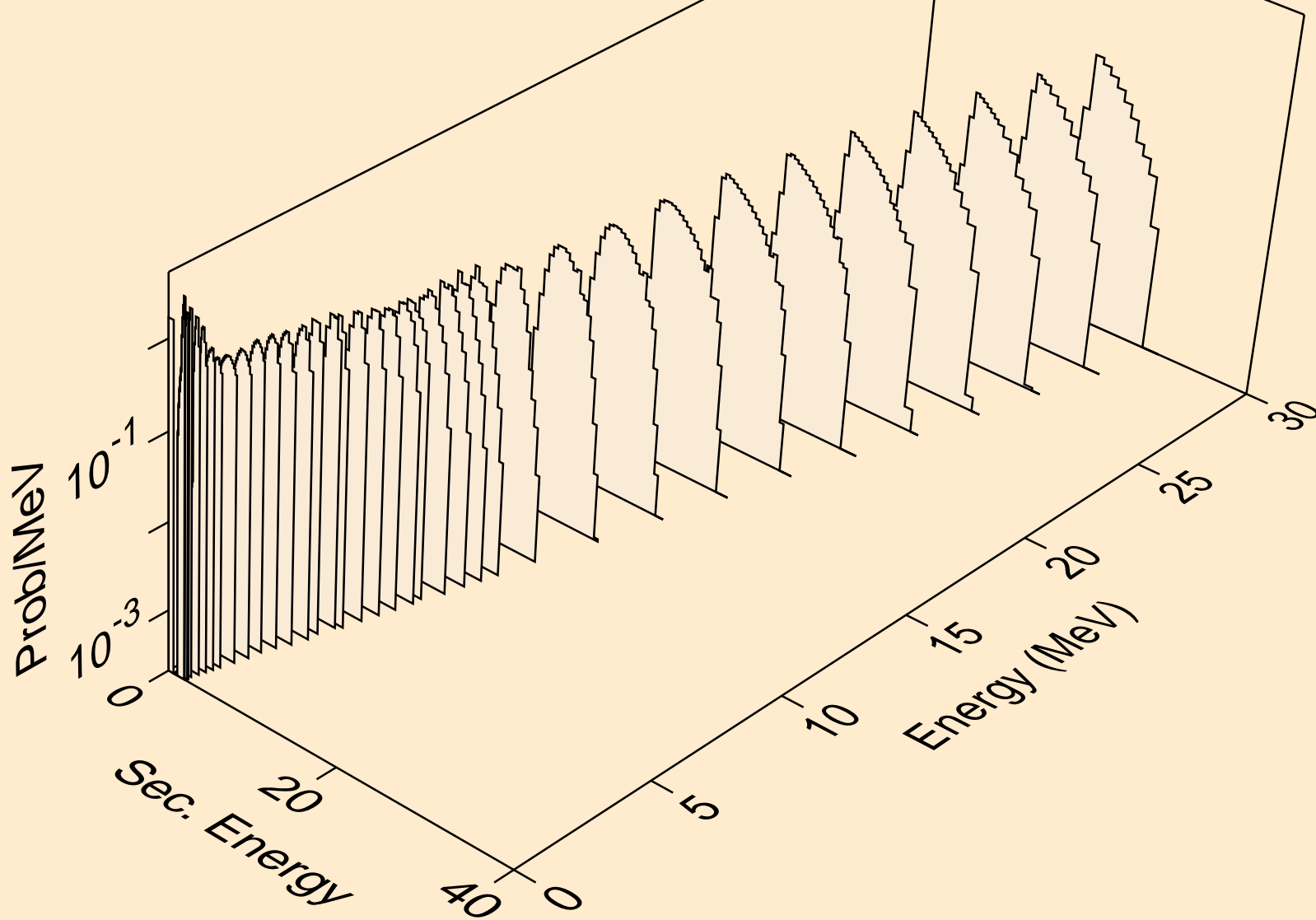
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



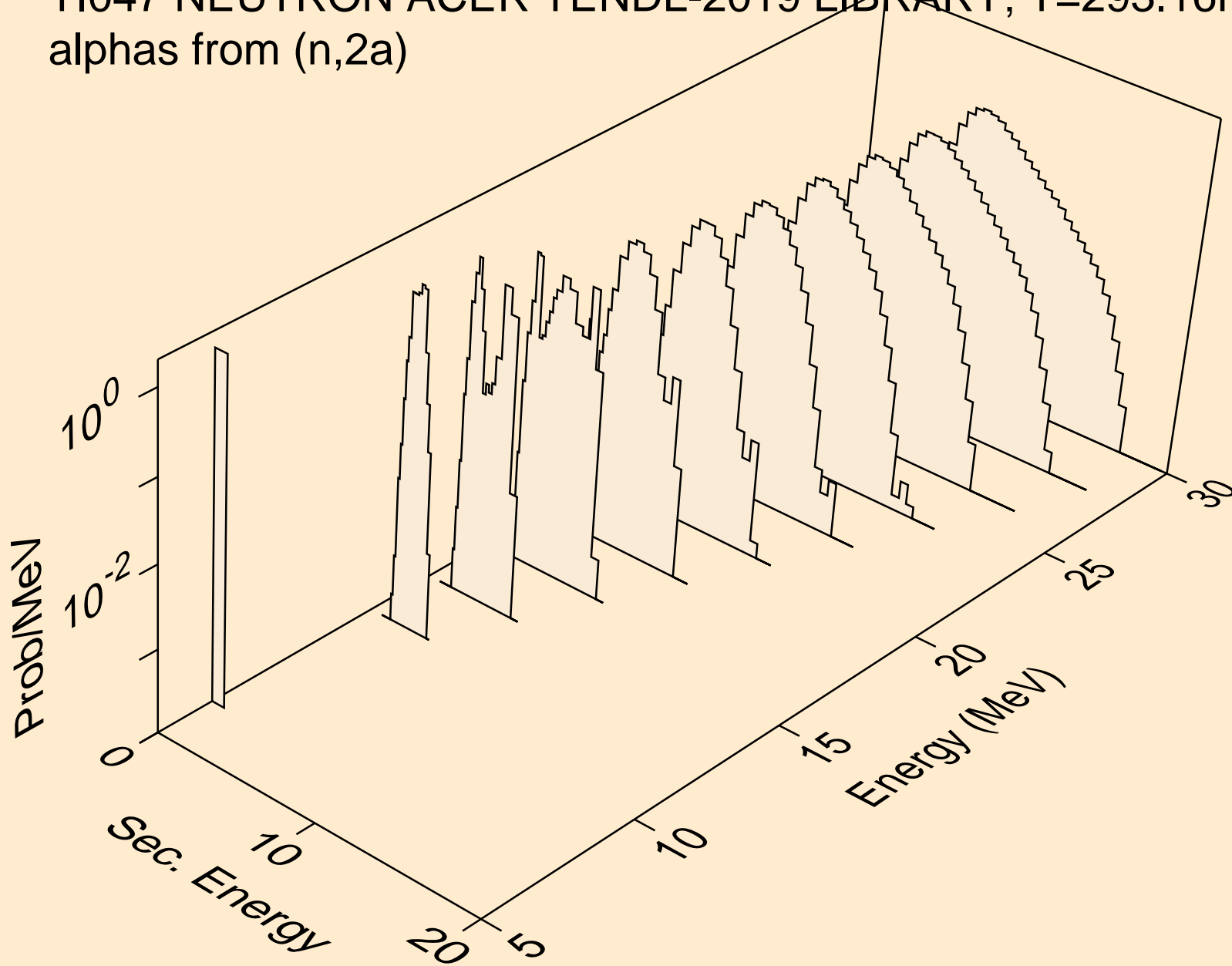
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



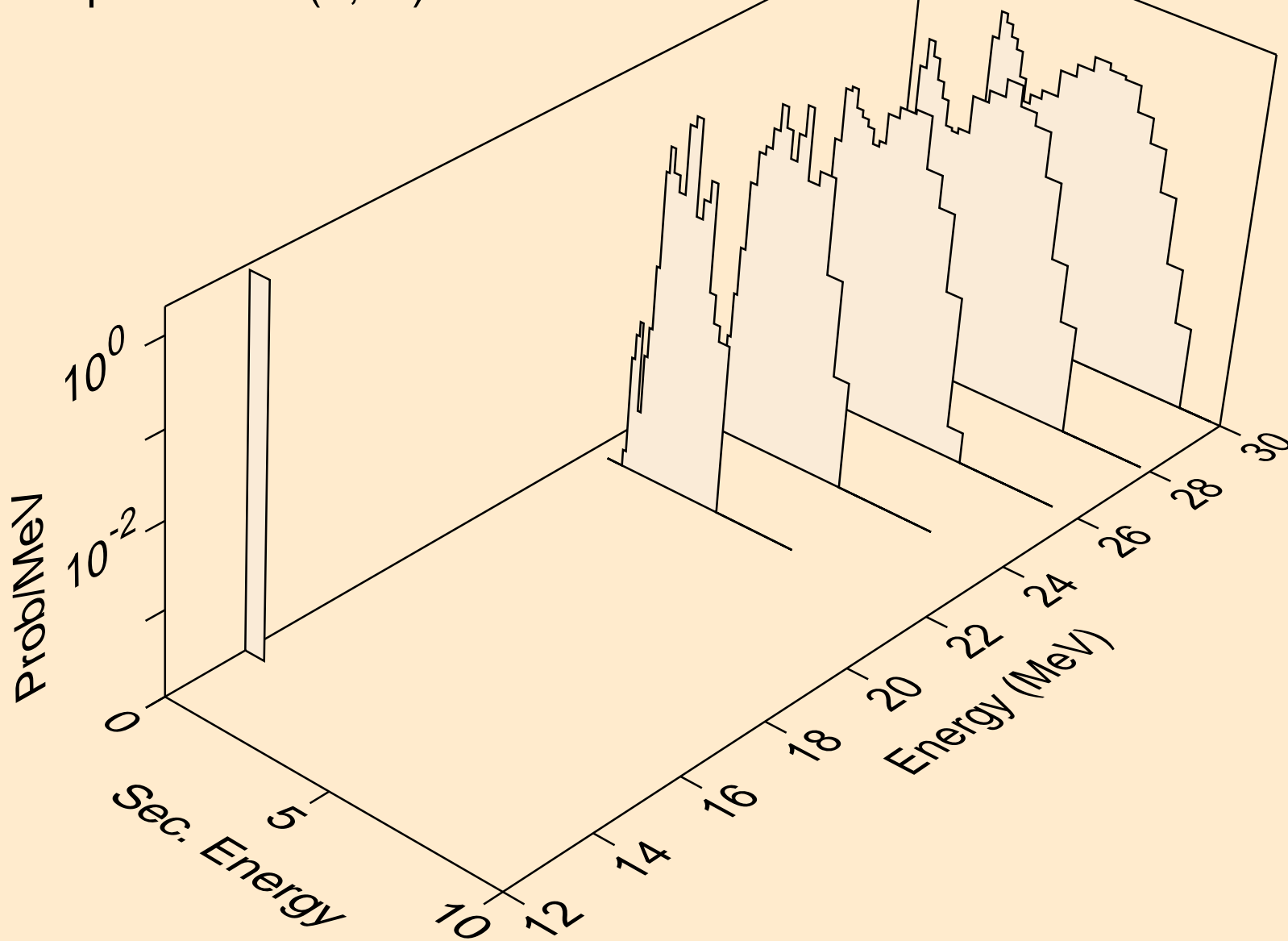
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



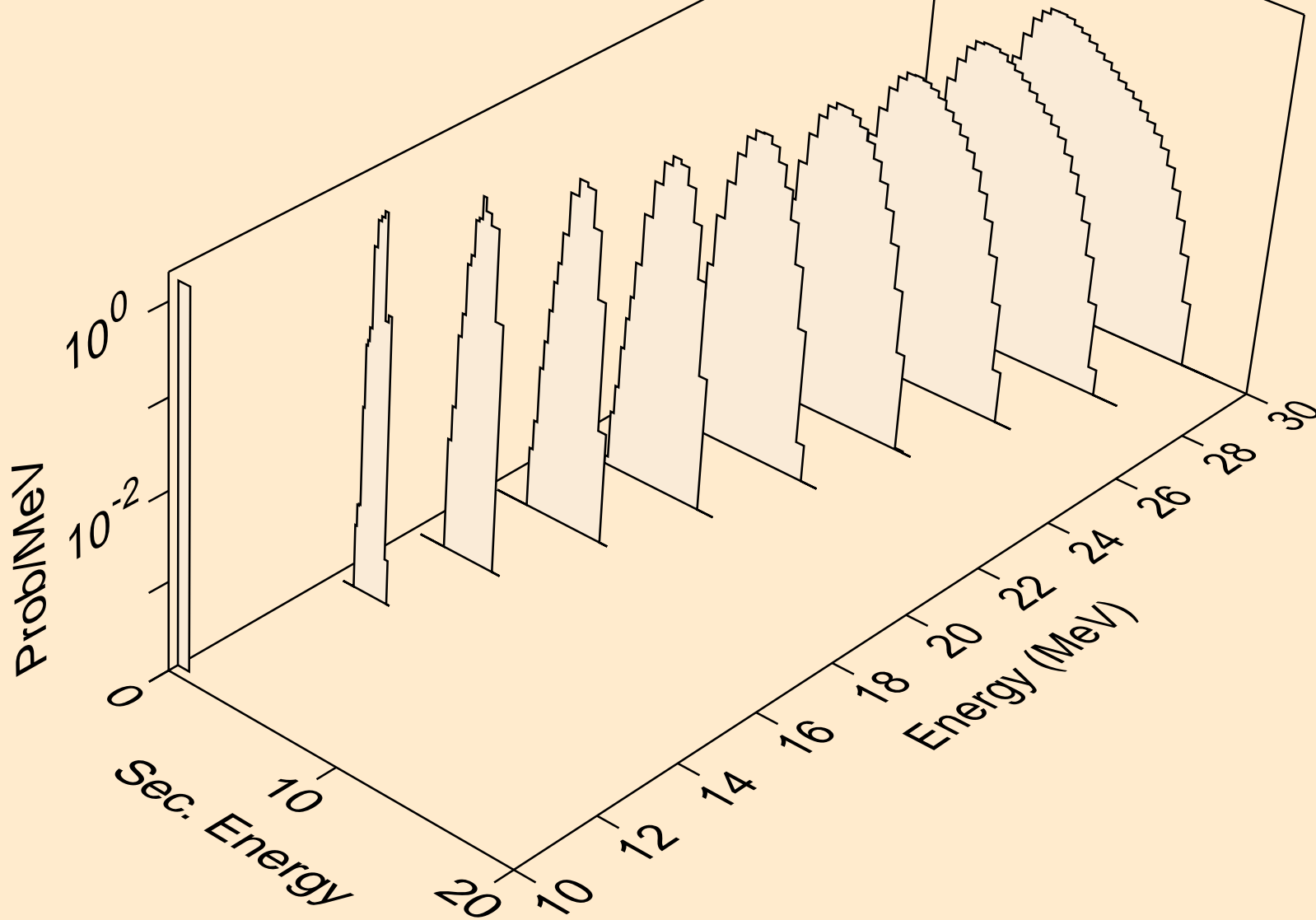
TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



TI047 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

