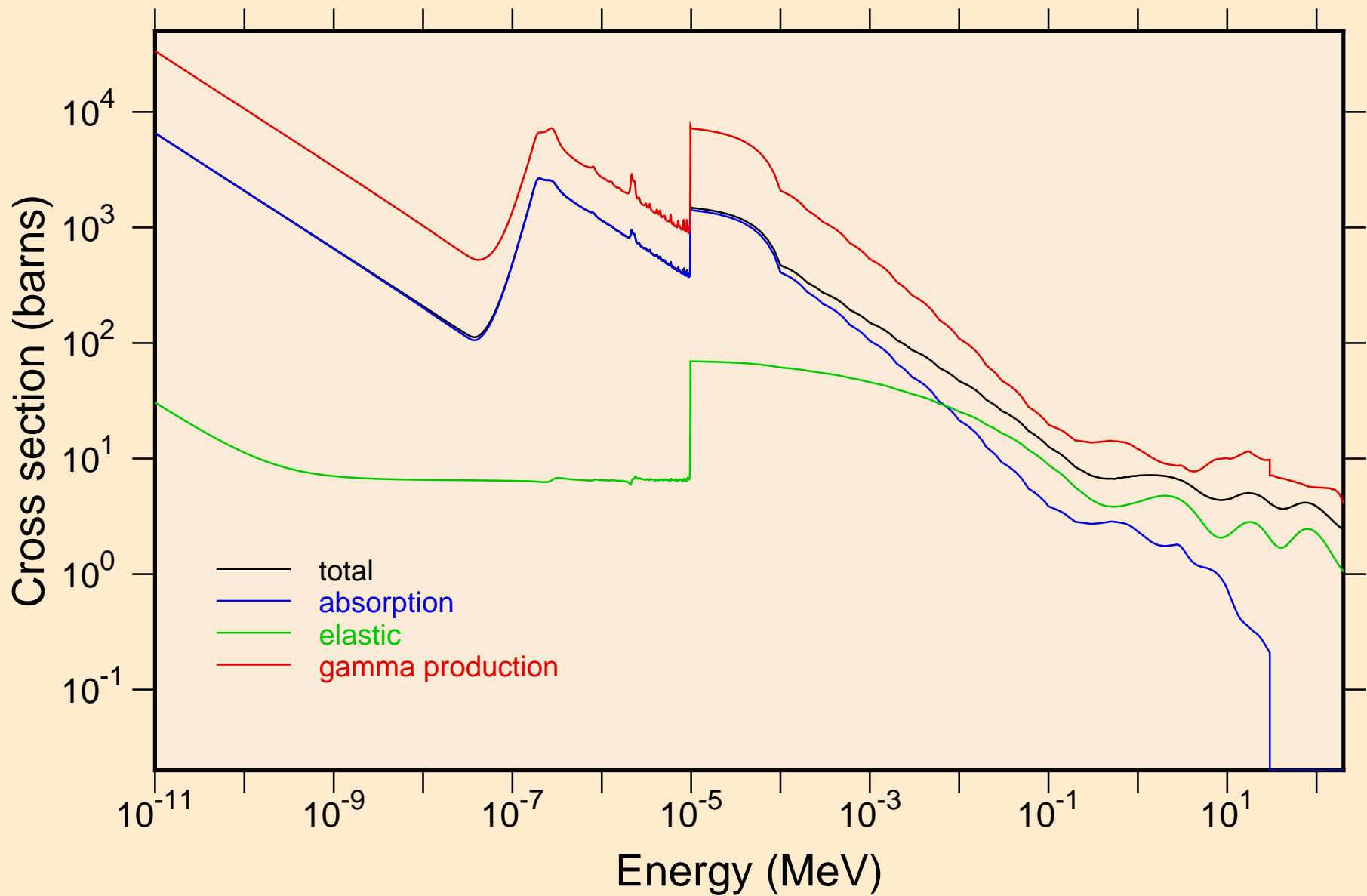
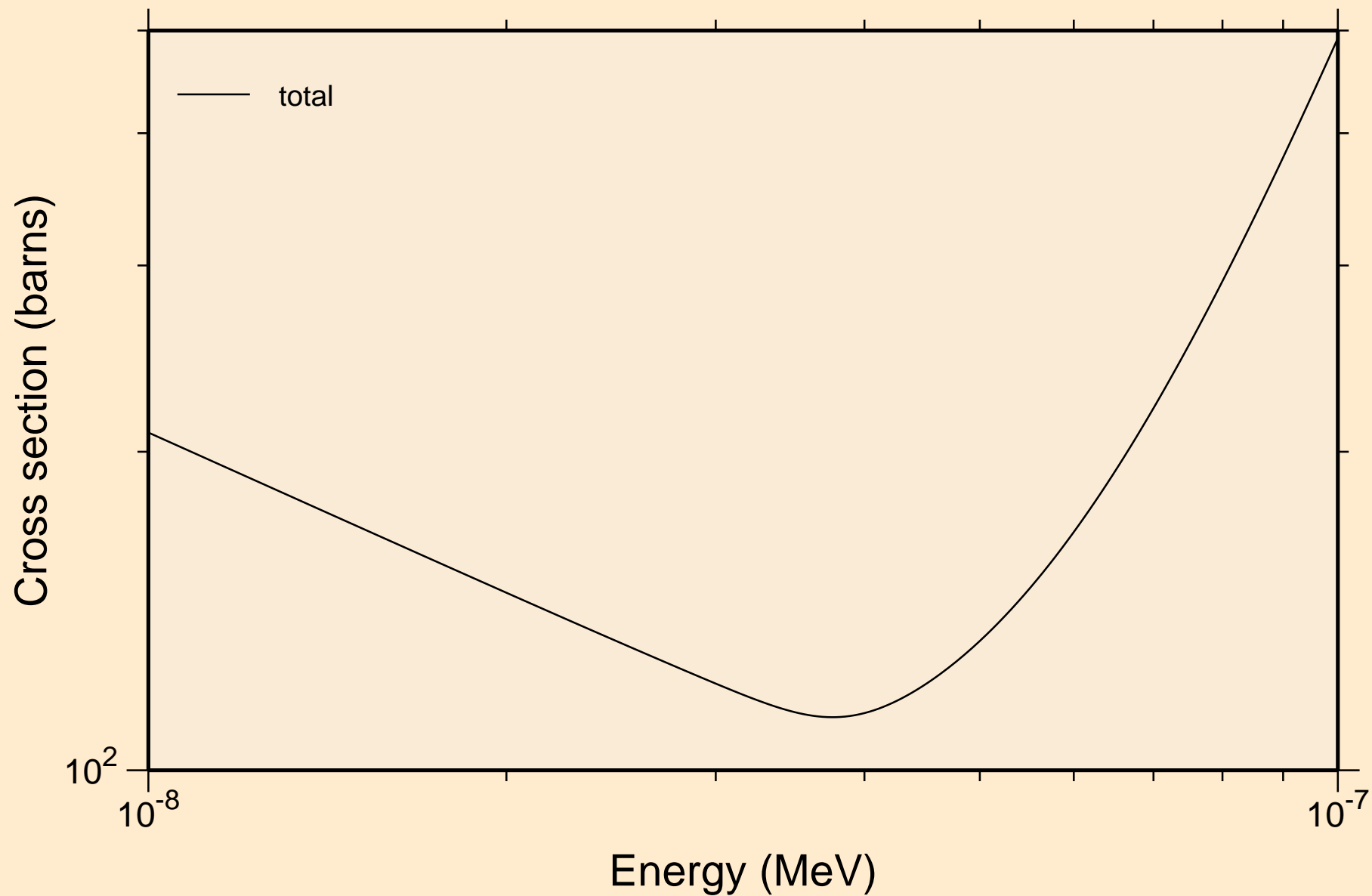


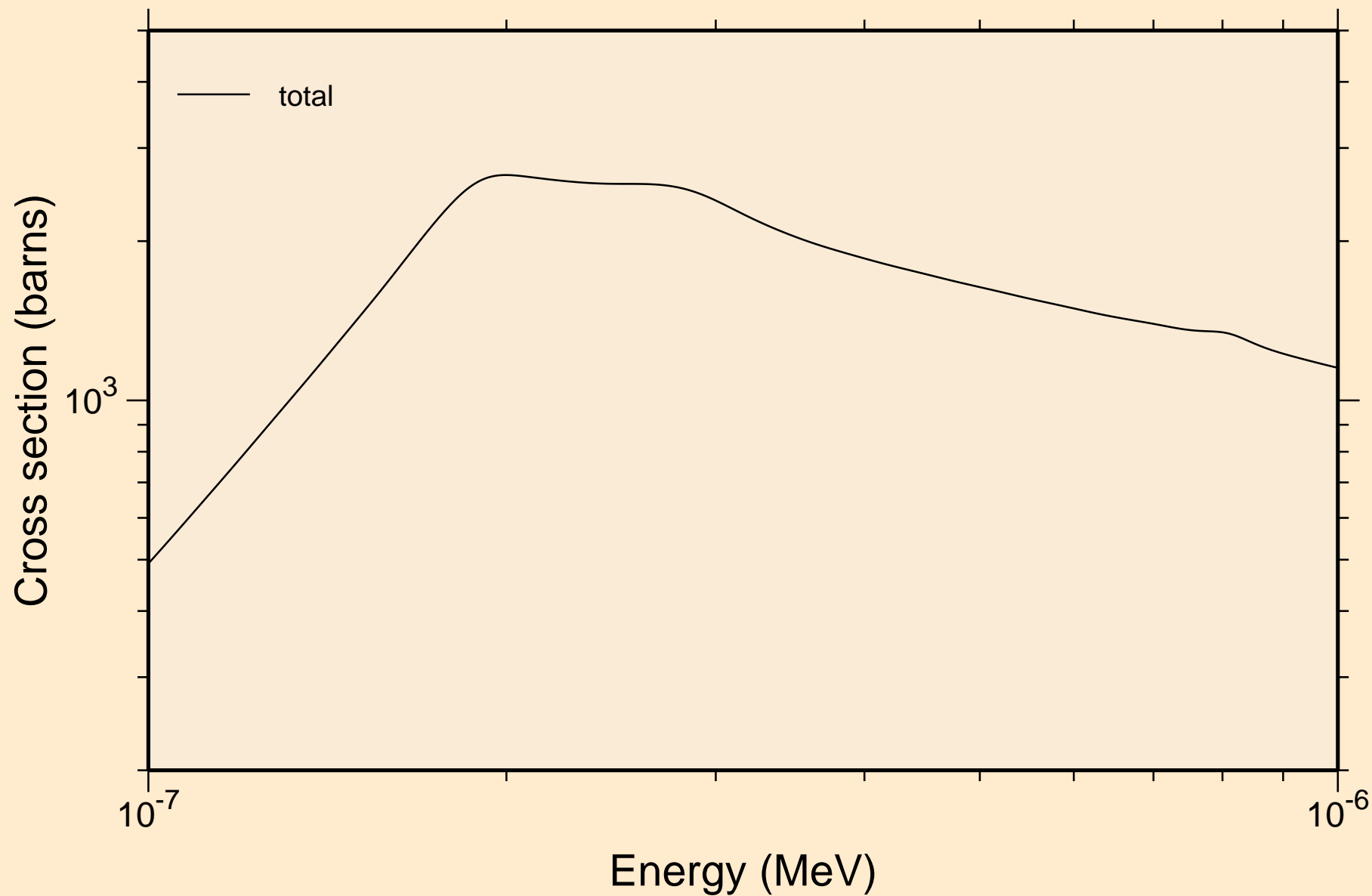
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



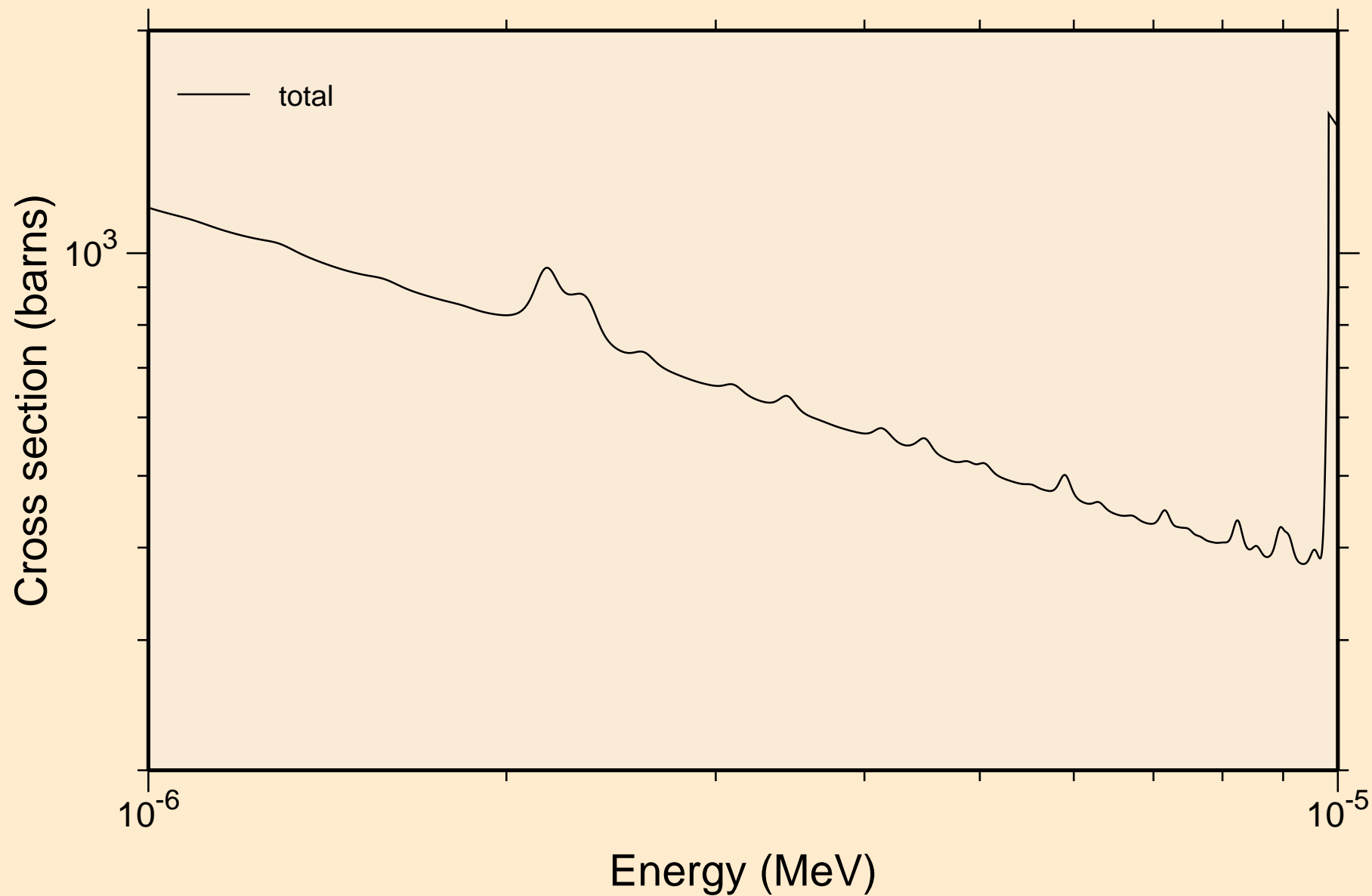
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



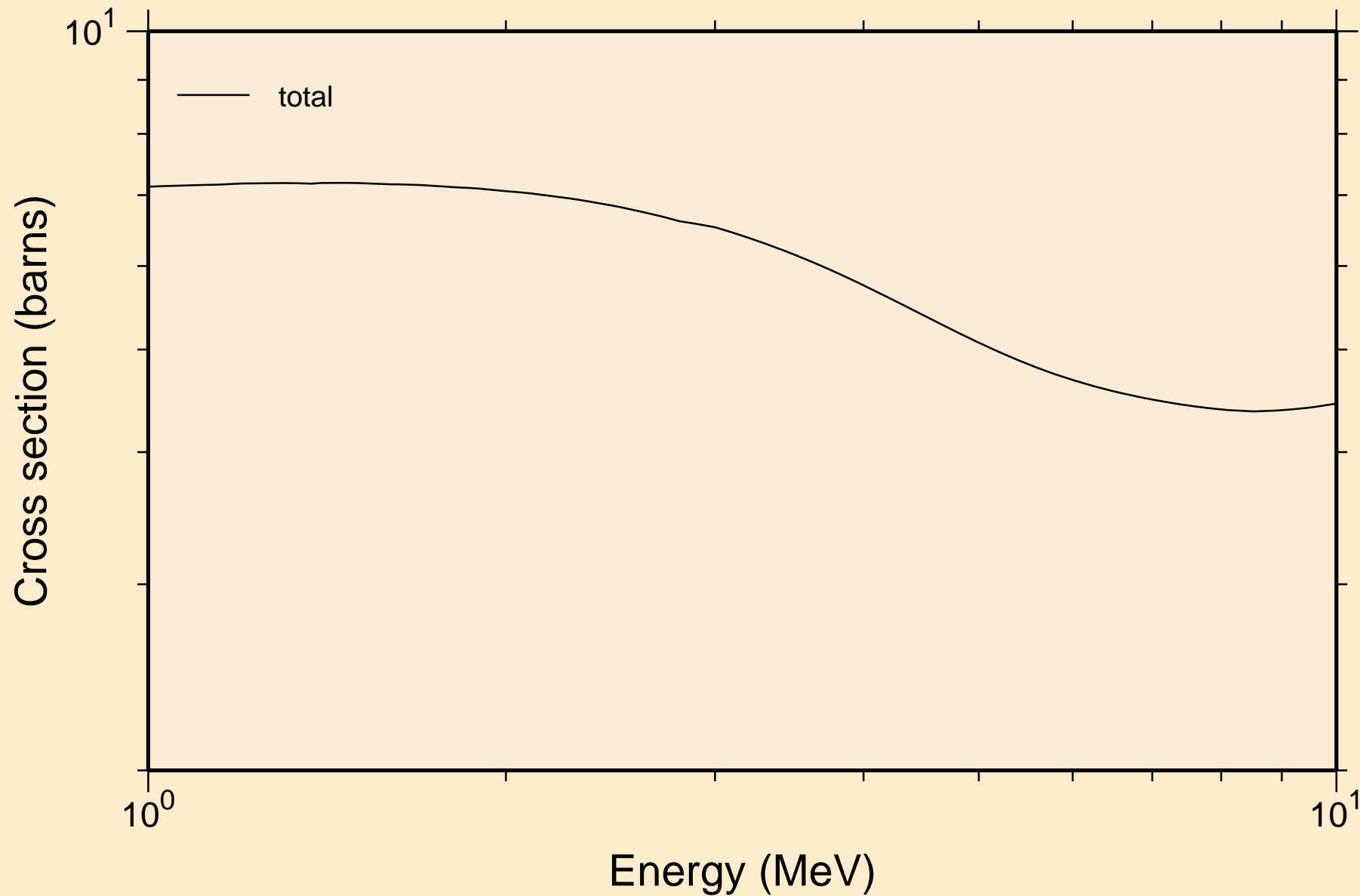
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



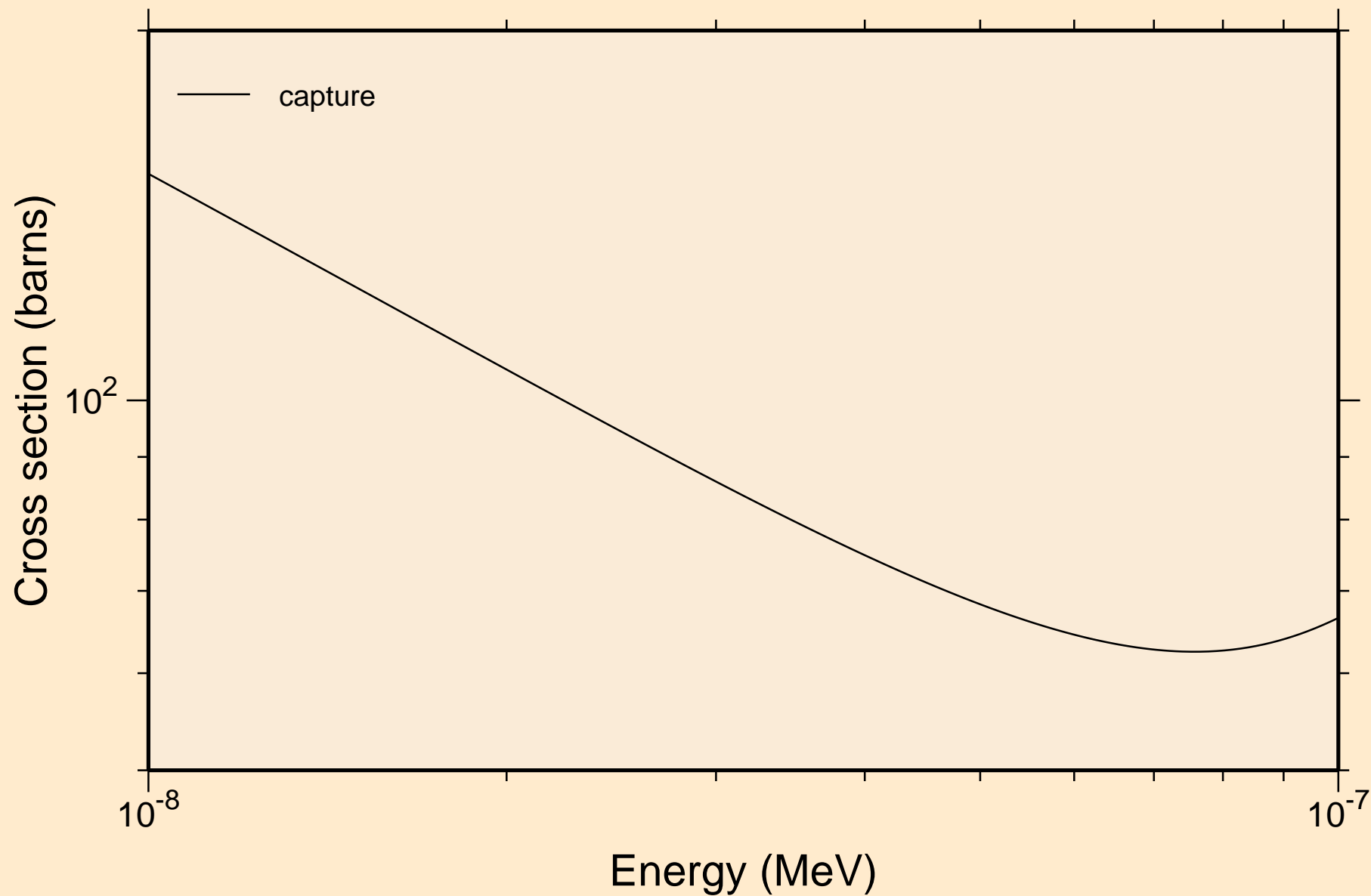
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



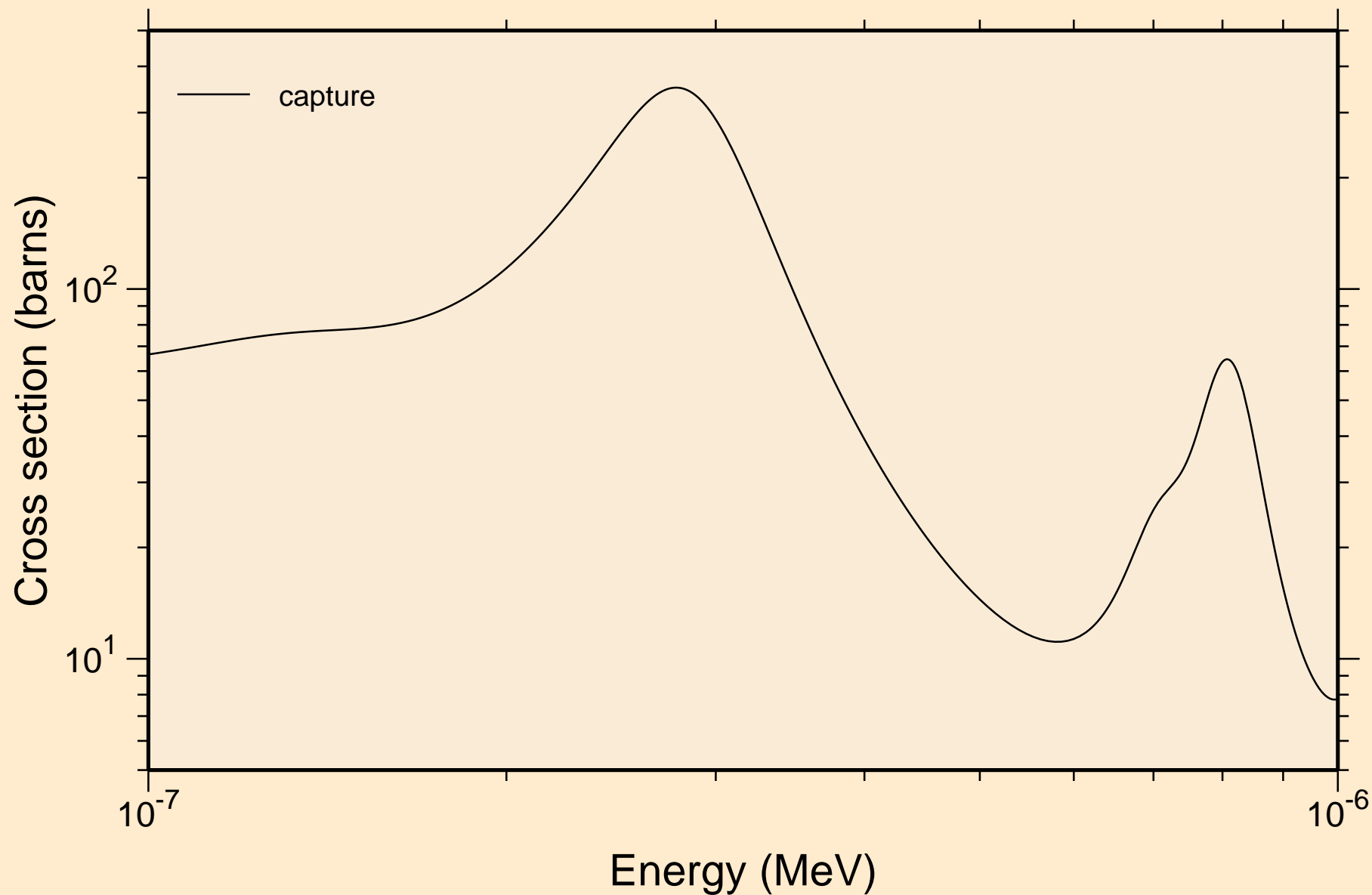
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



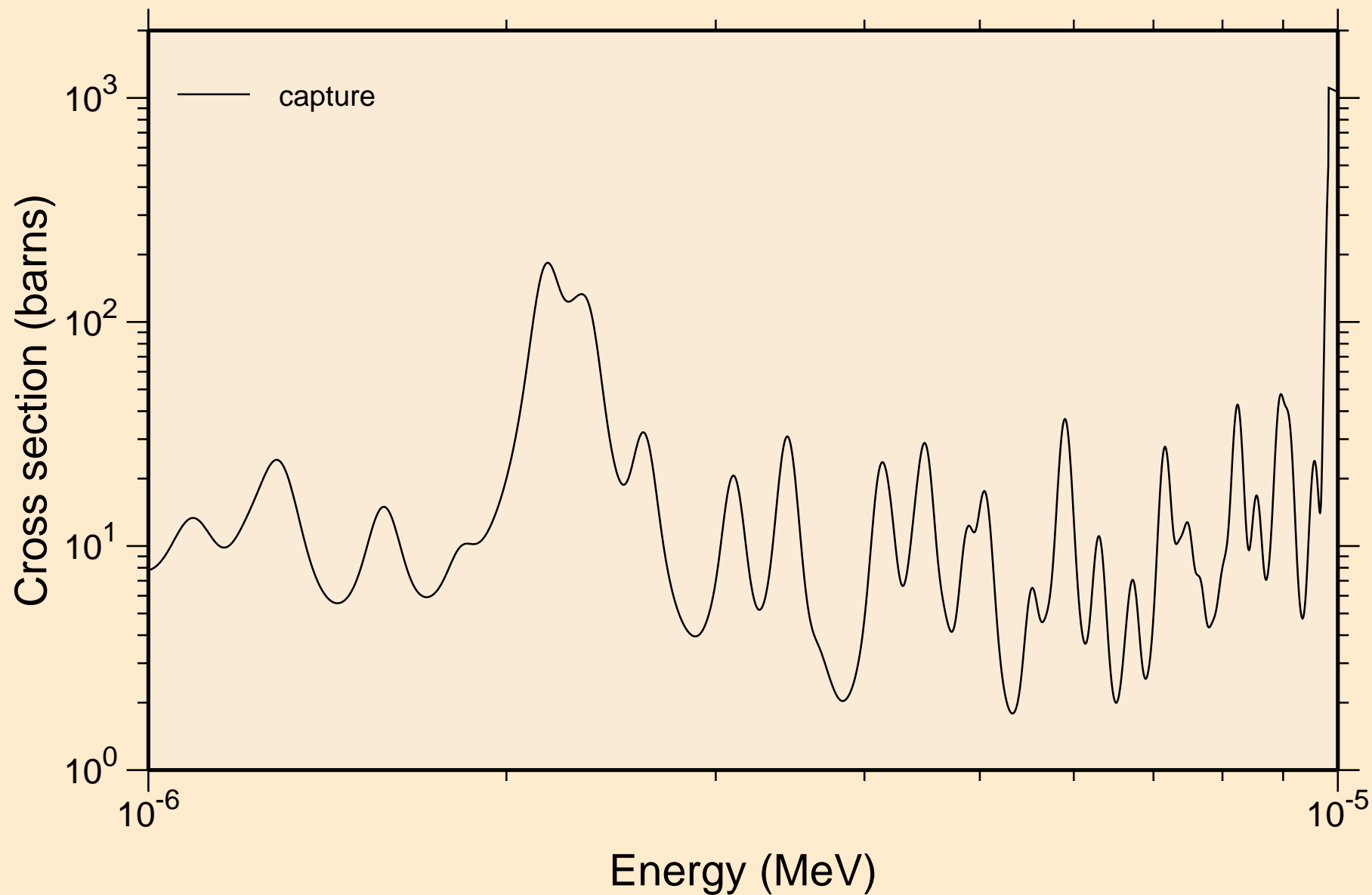
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



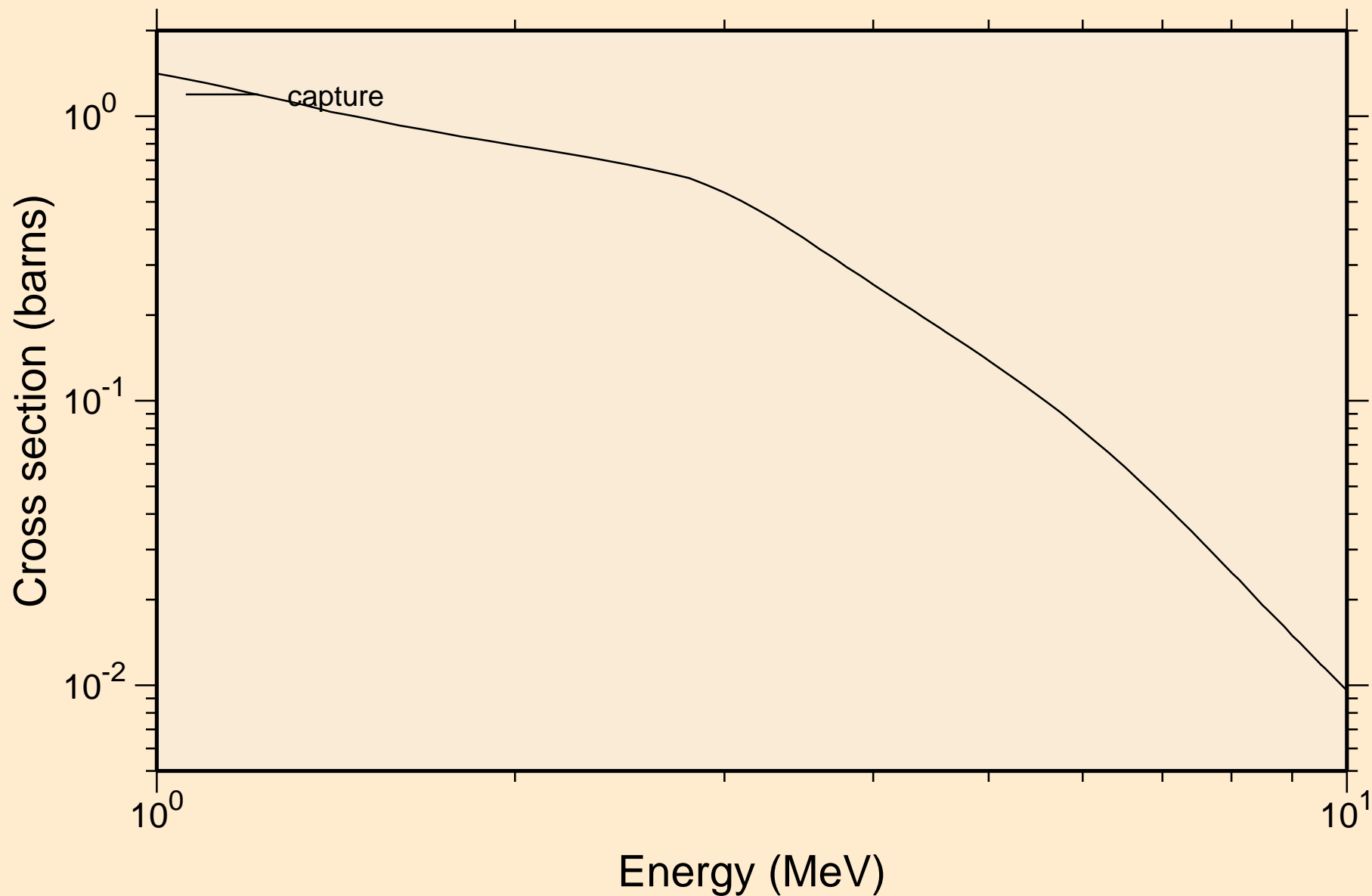
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



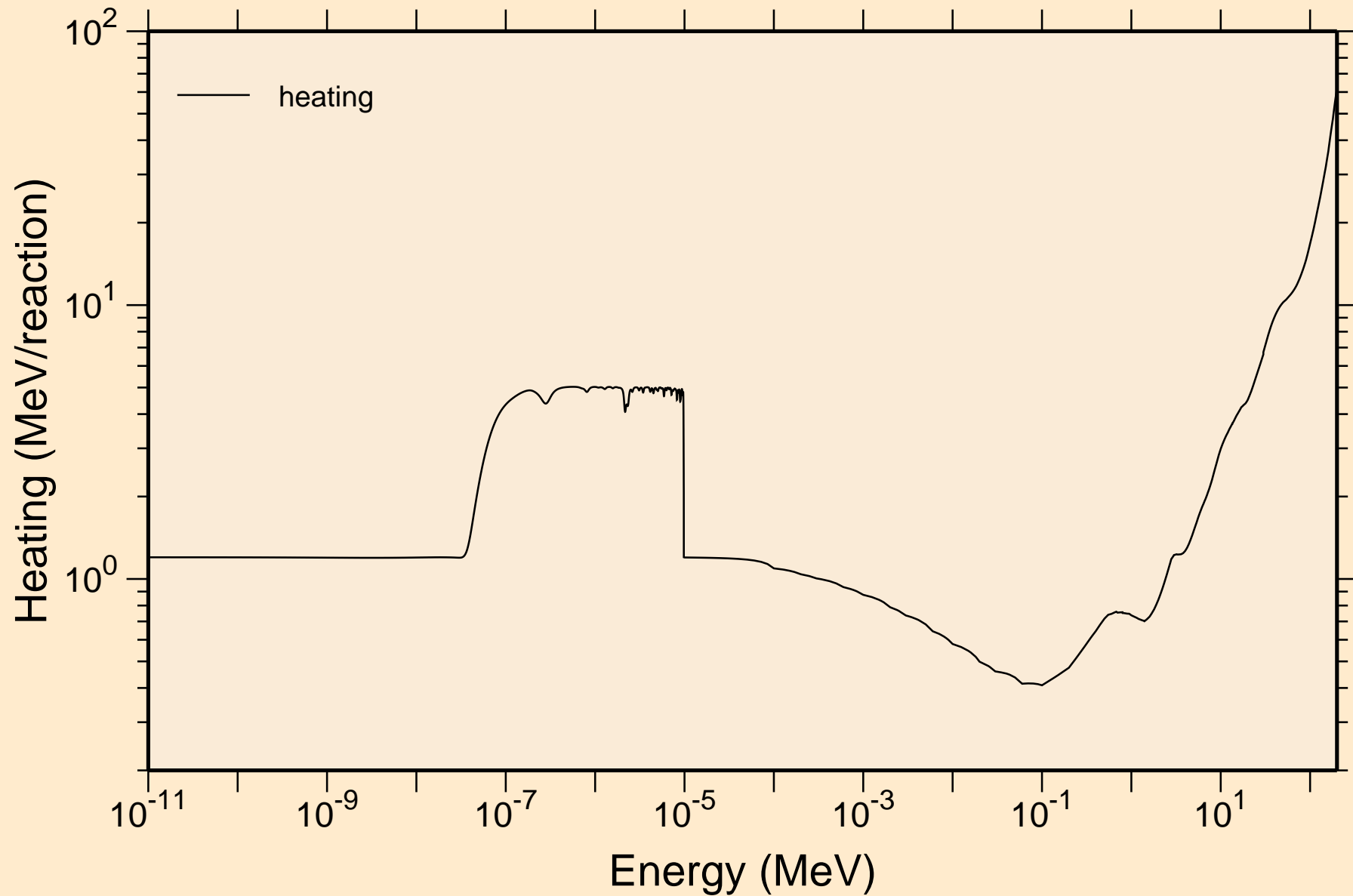
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



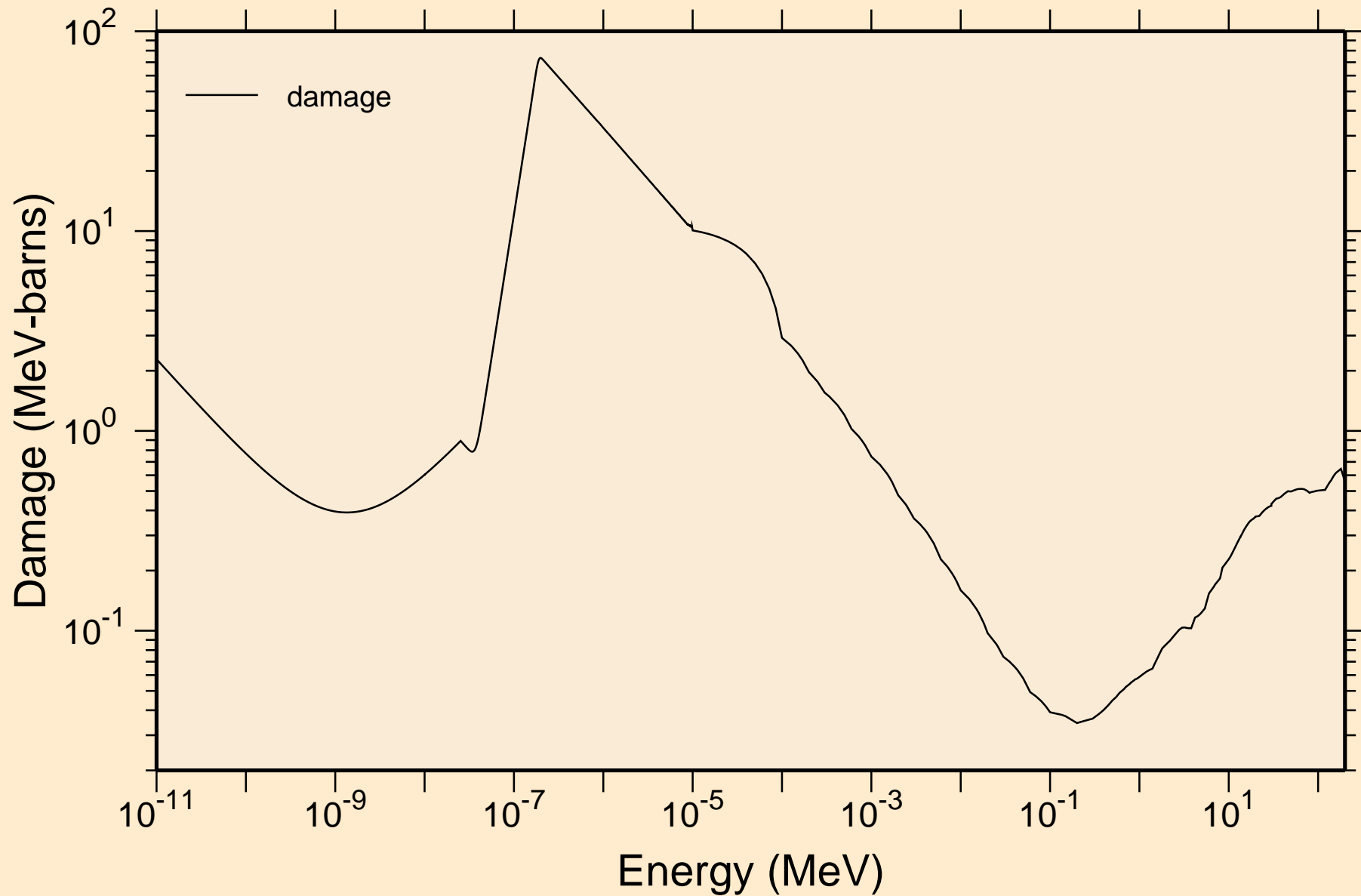
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



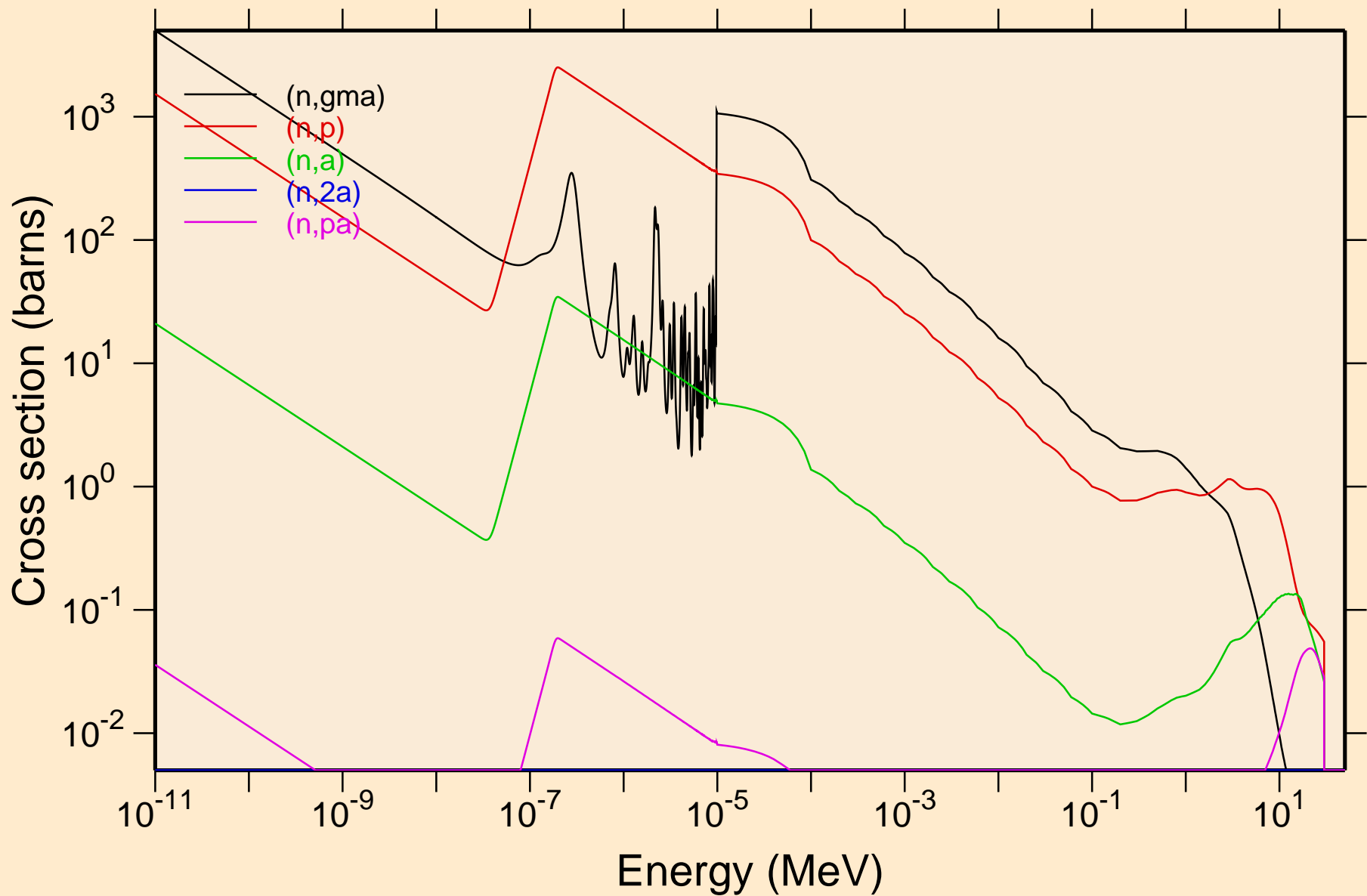
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



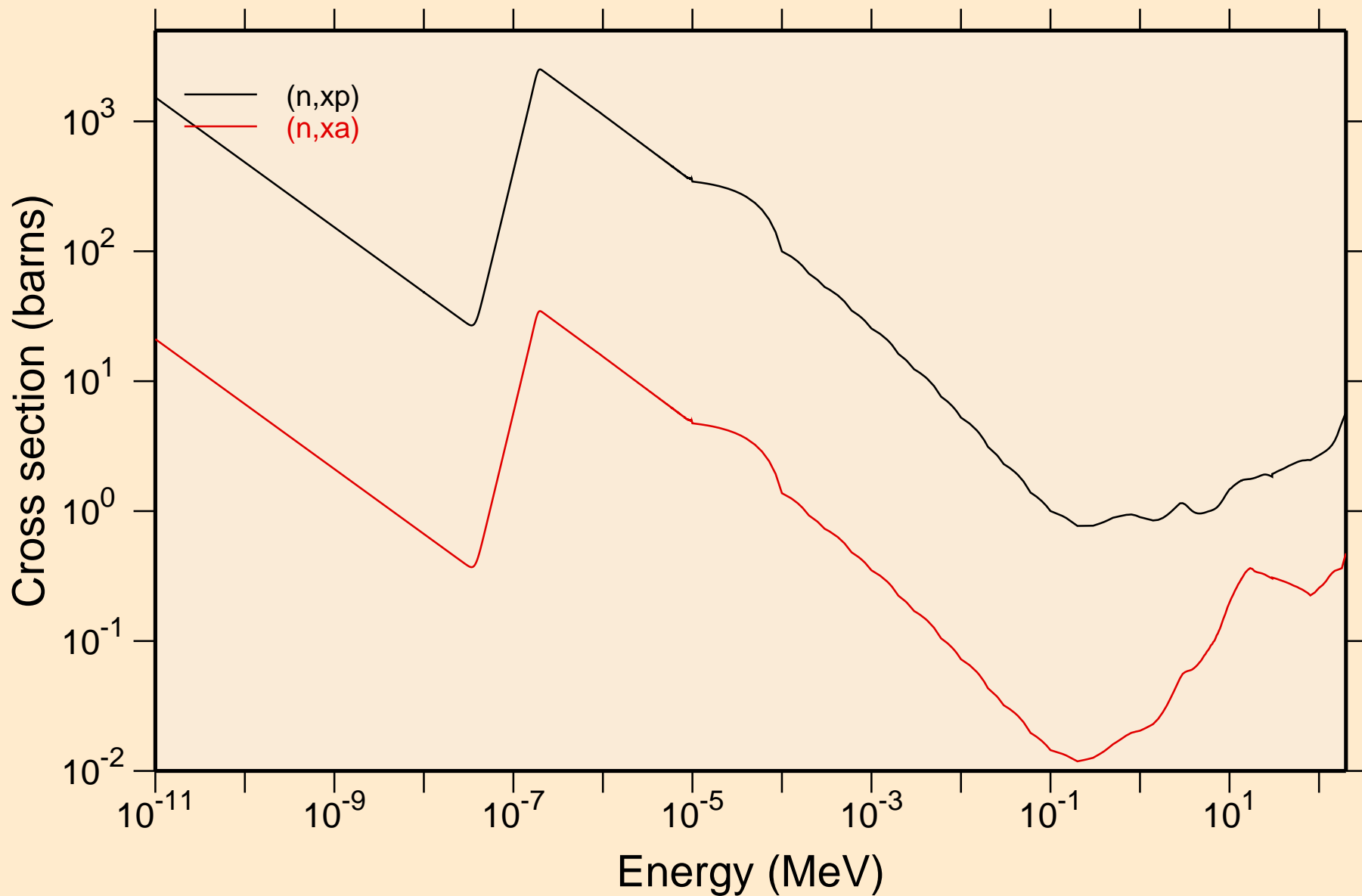
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



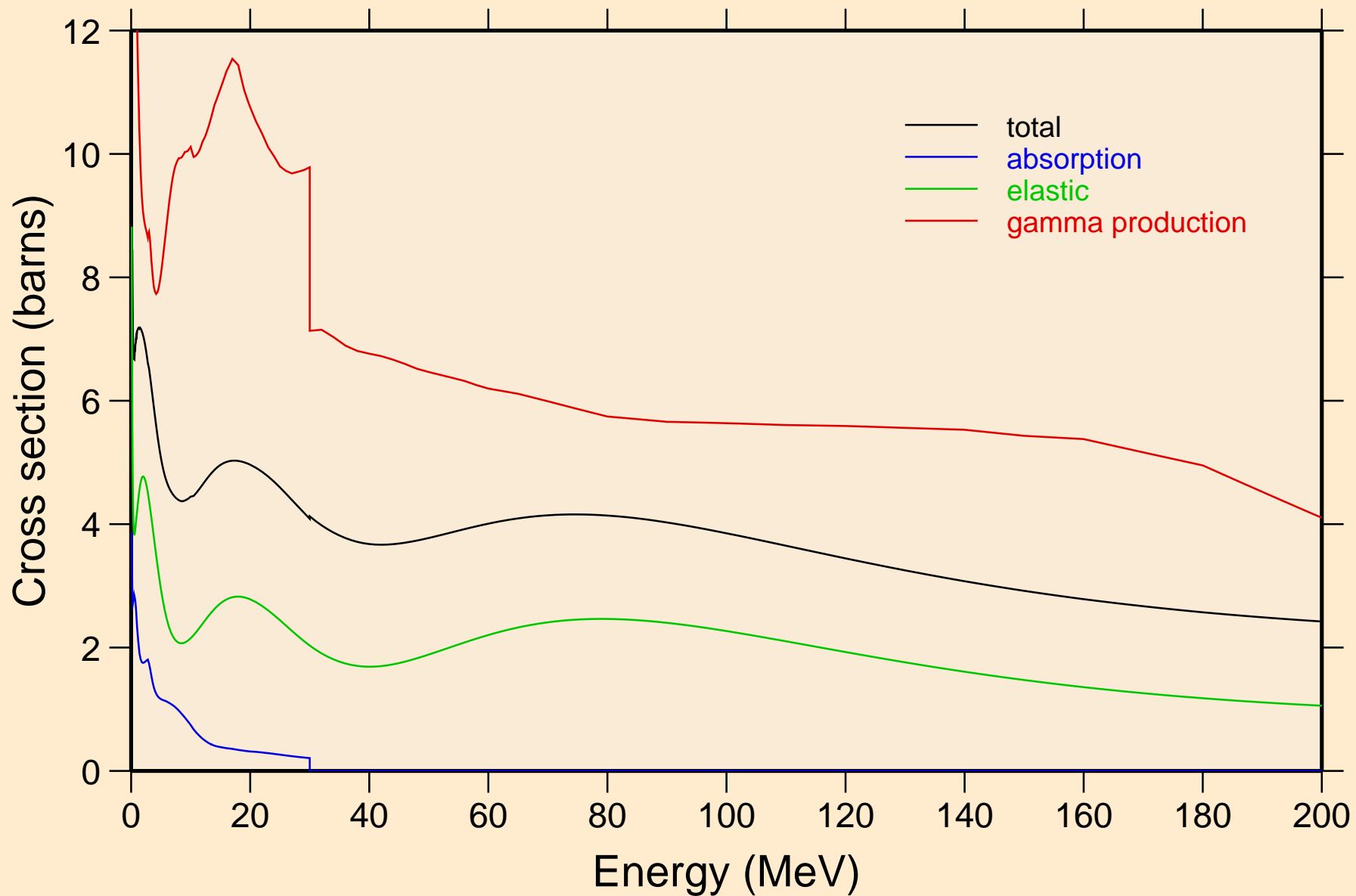
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



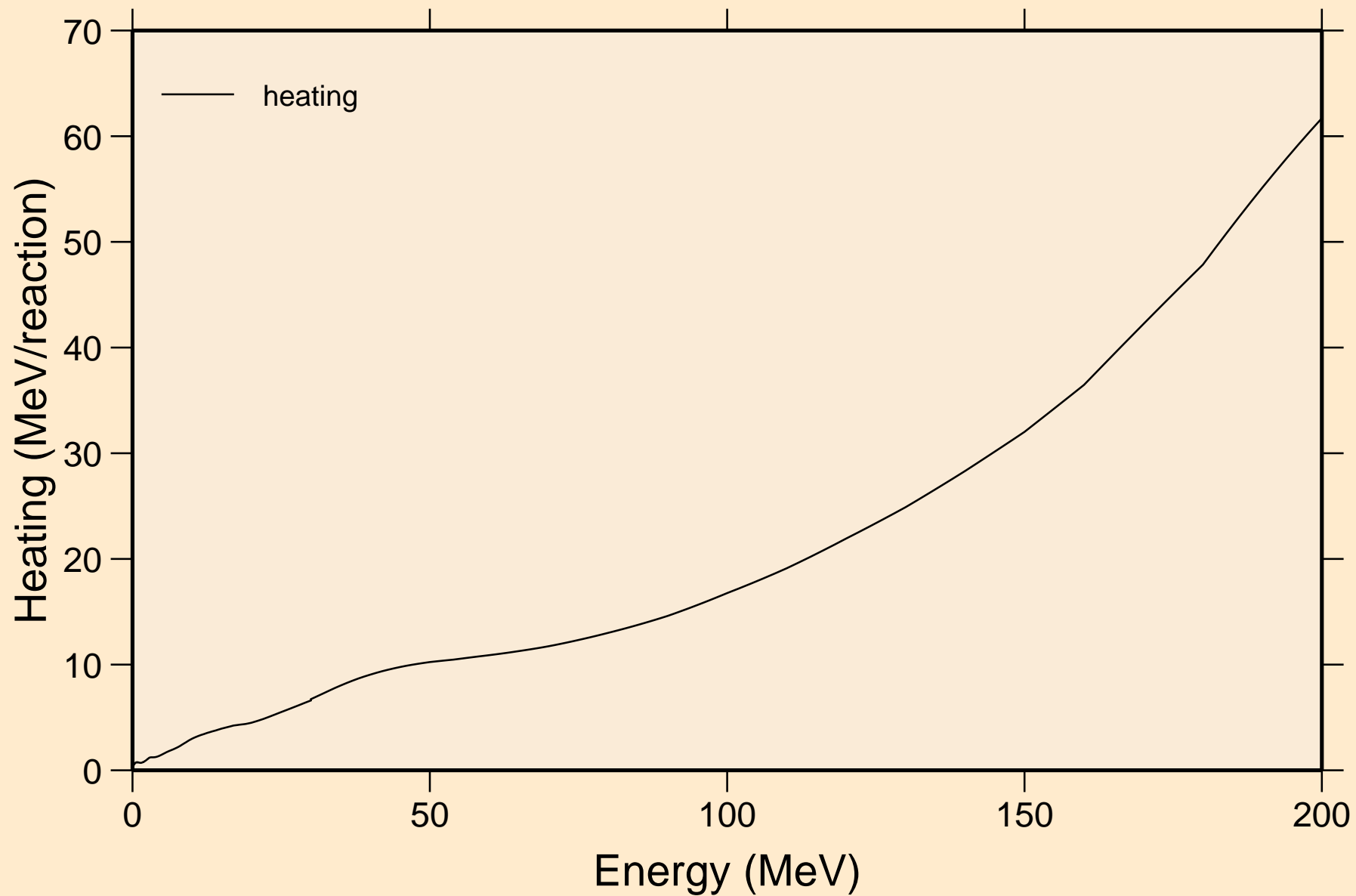
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



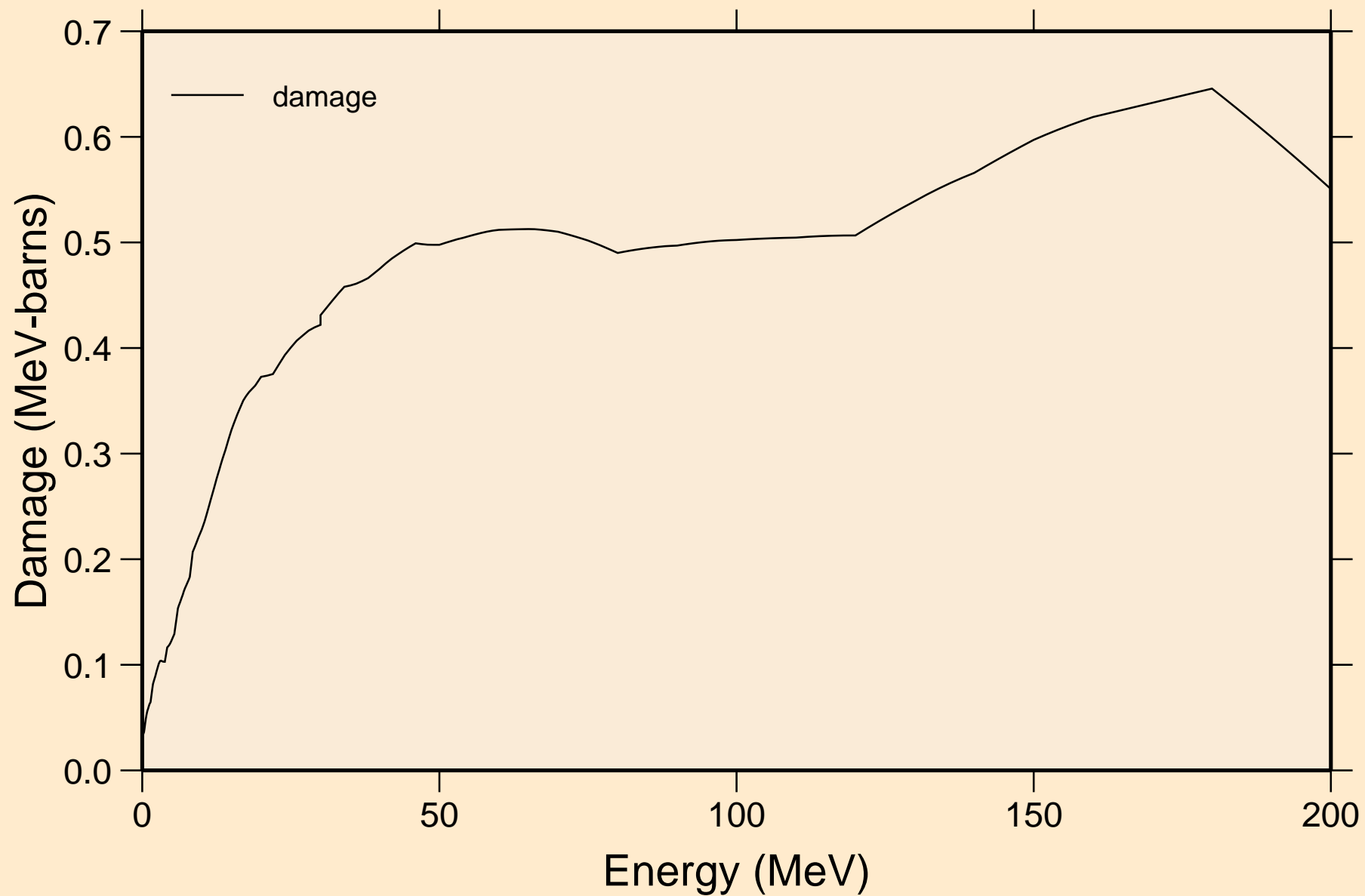
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



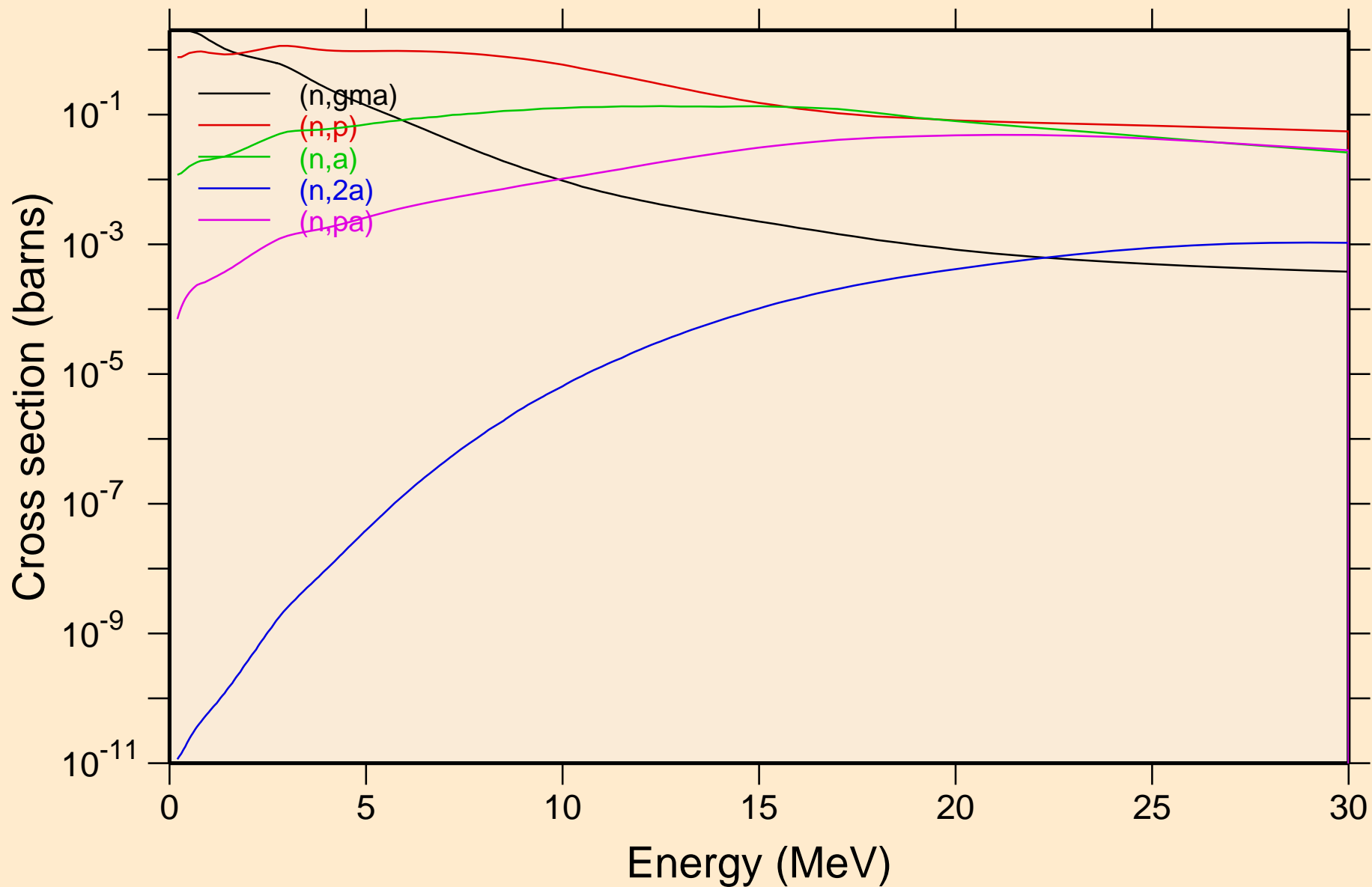
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



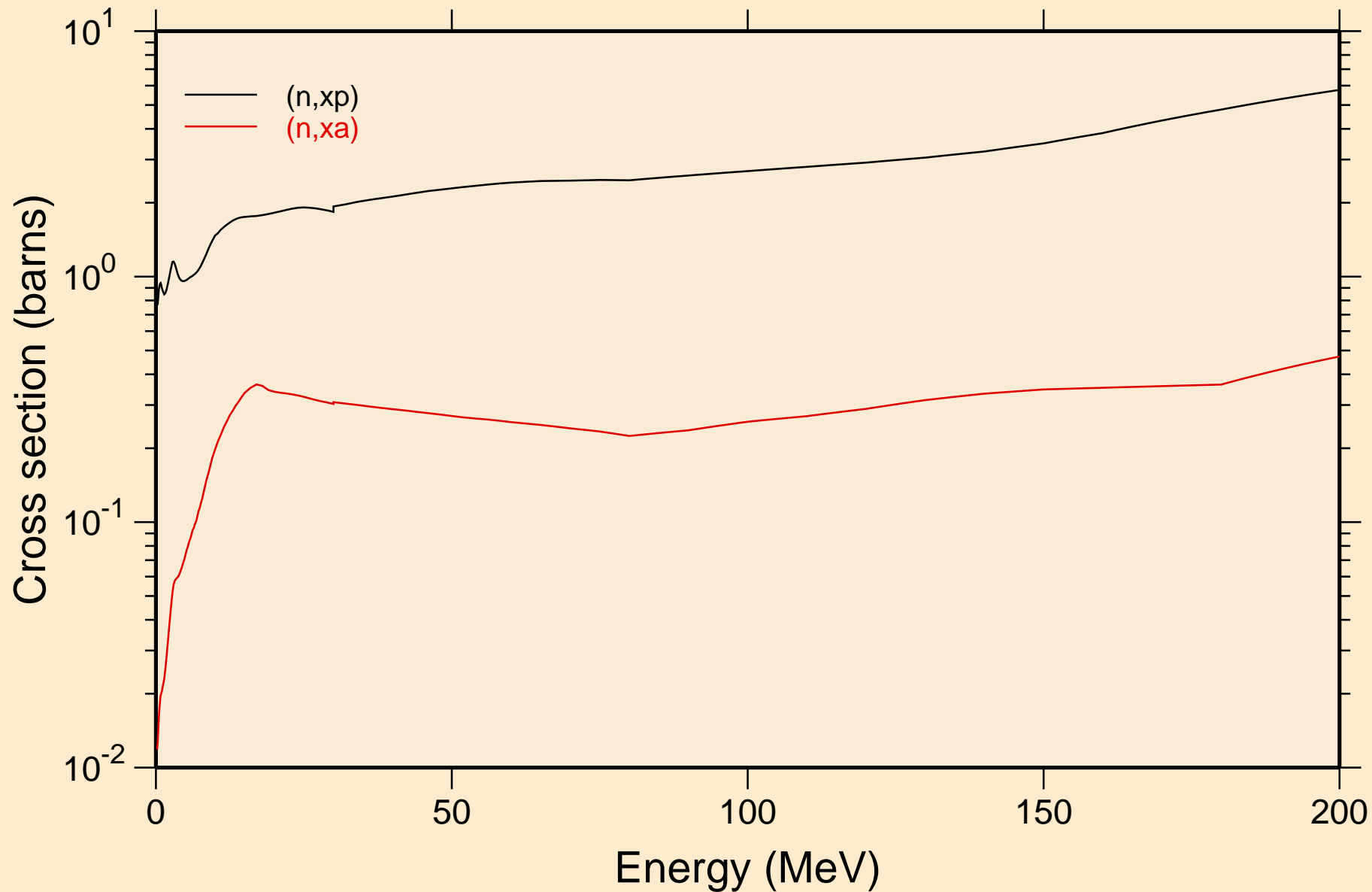
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



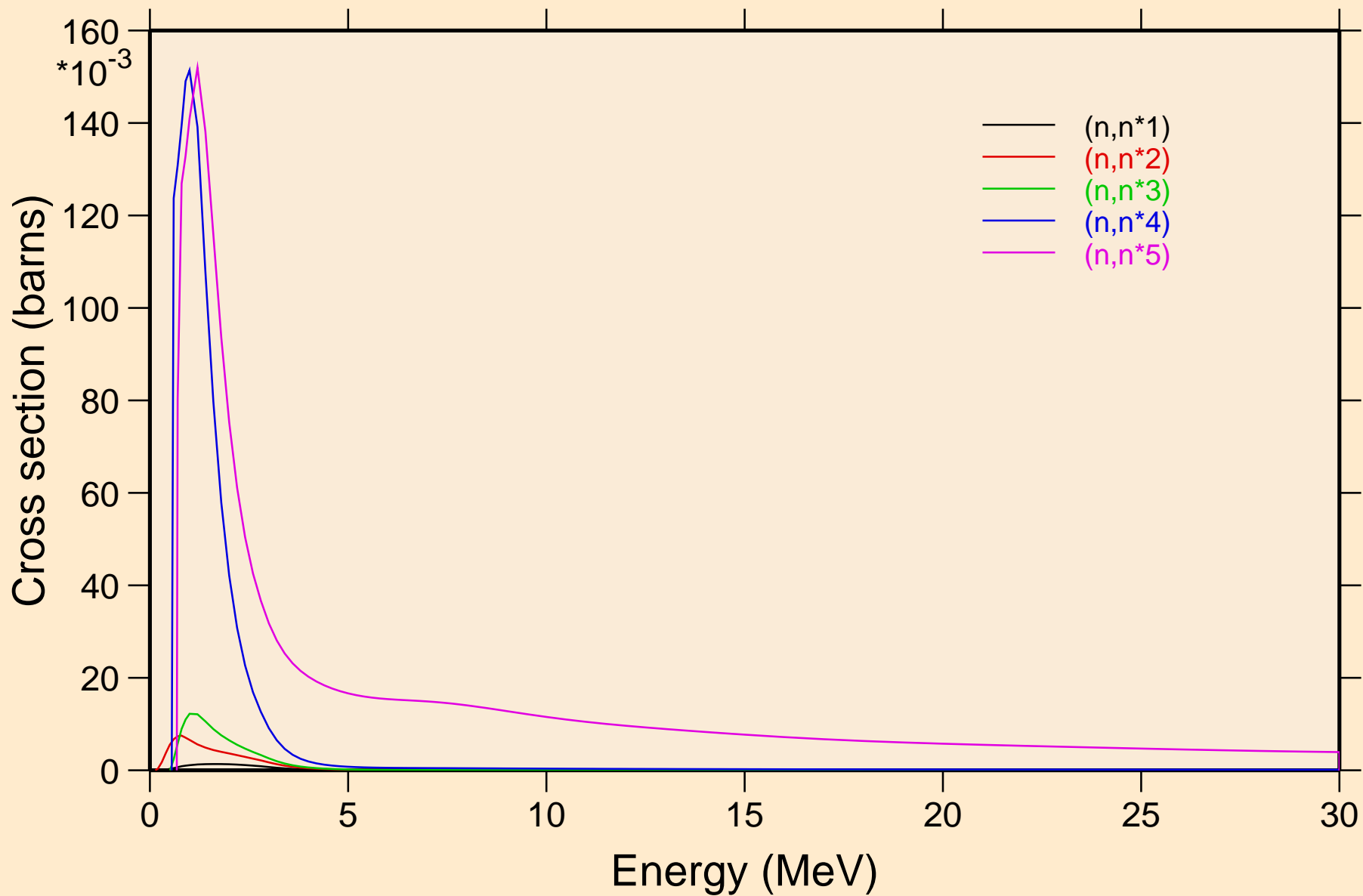
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



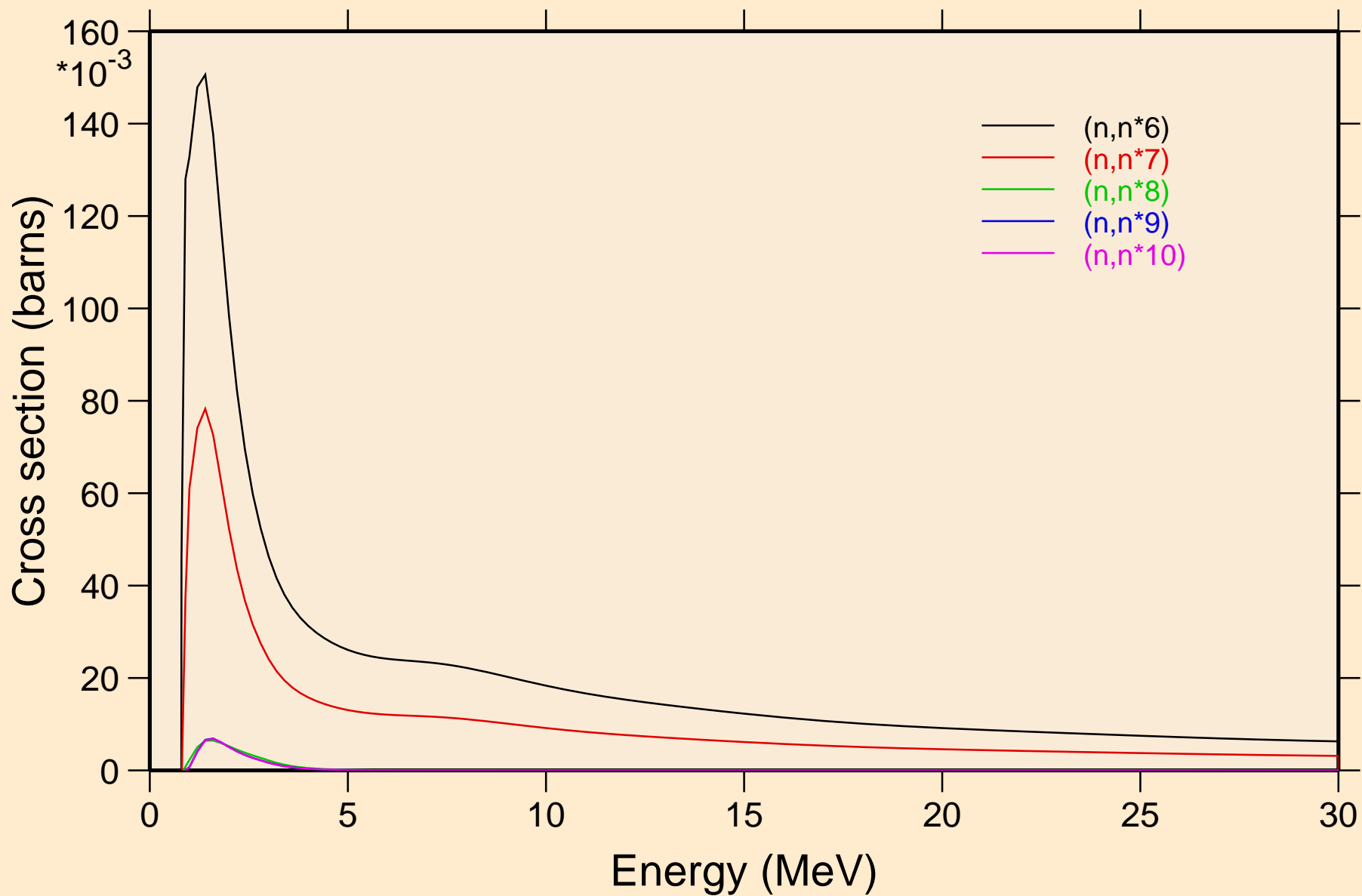
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



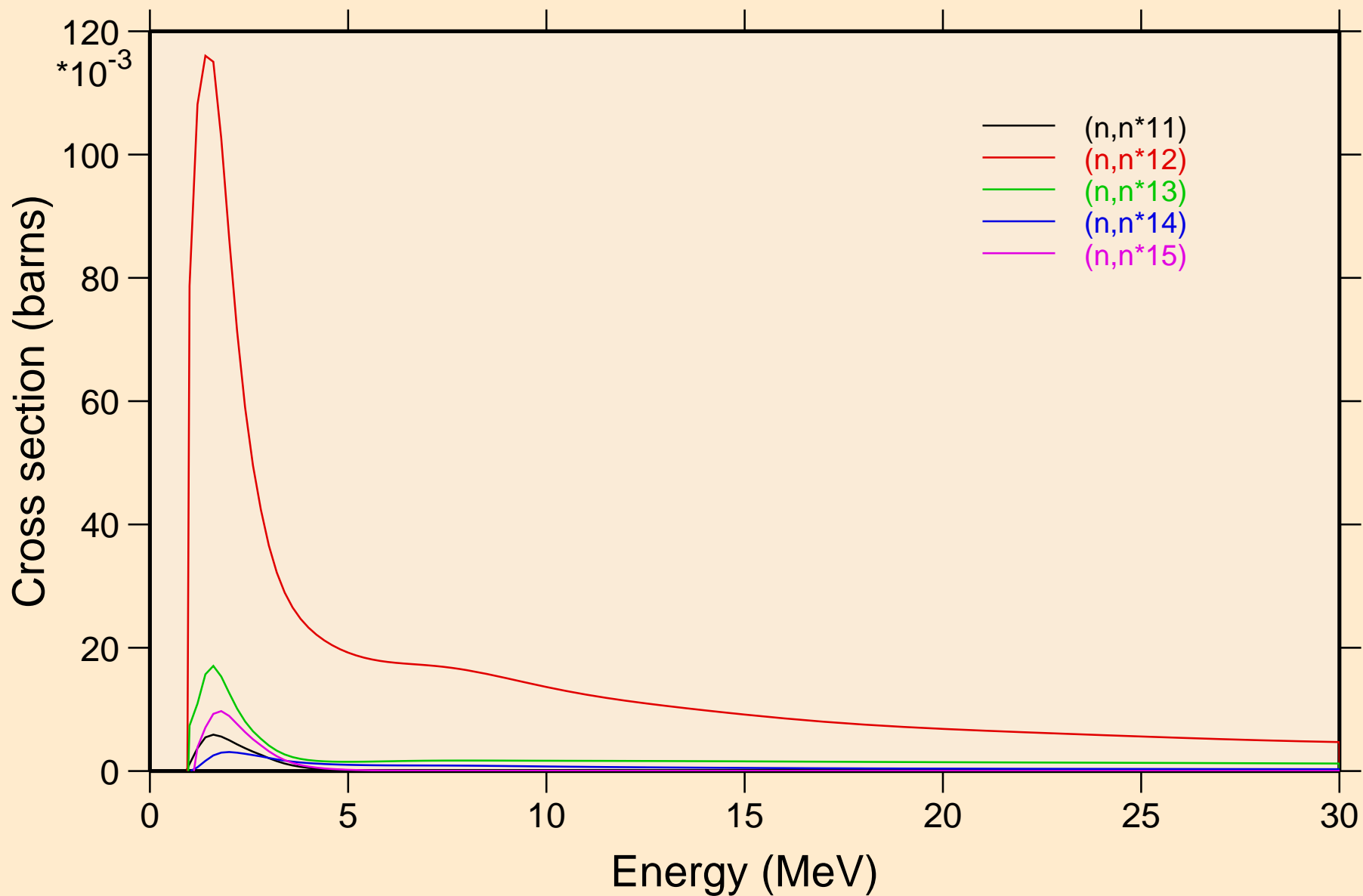
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



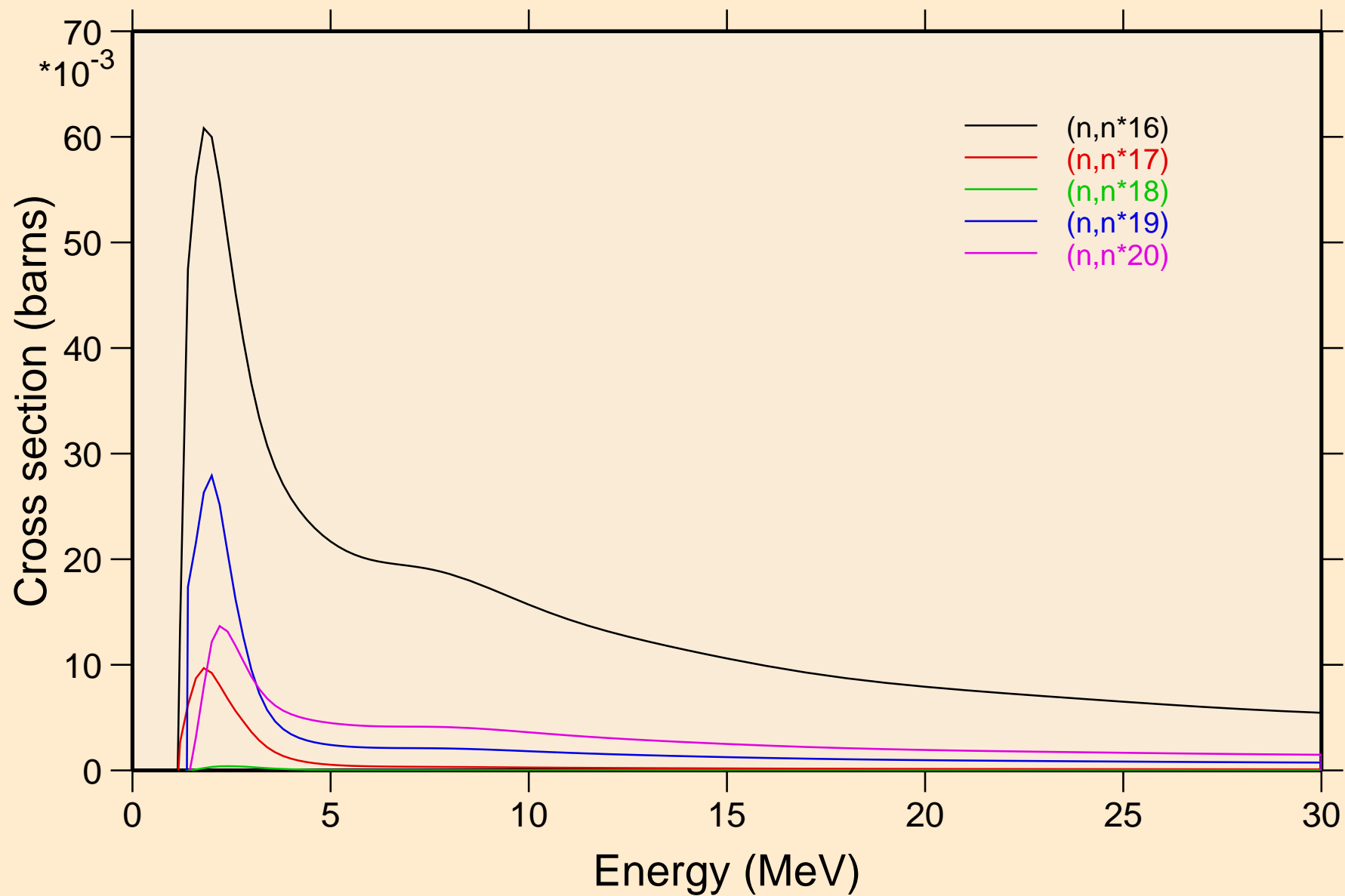
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



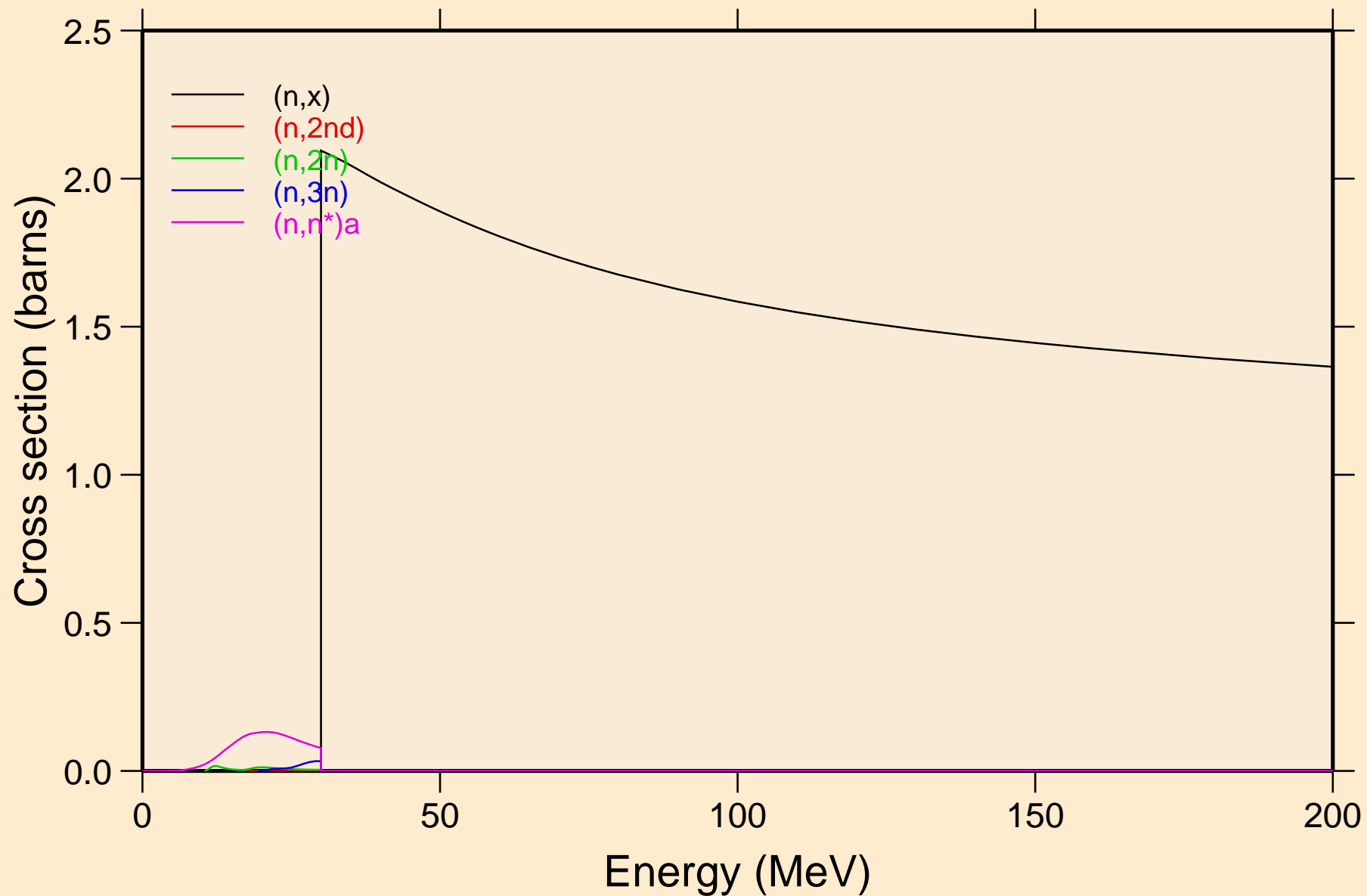
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



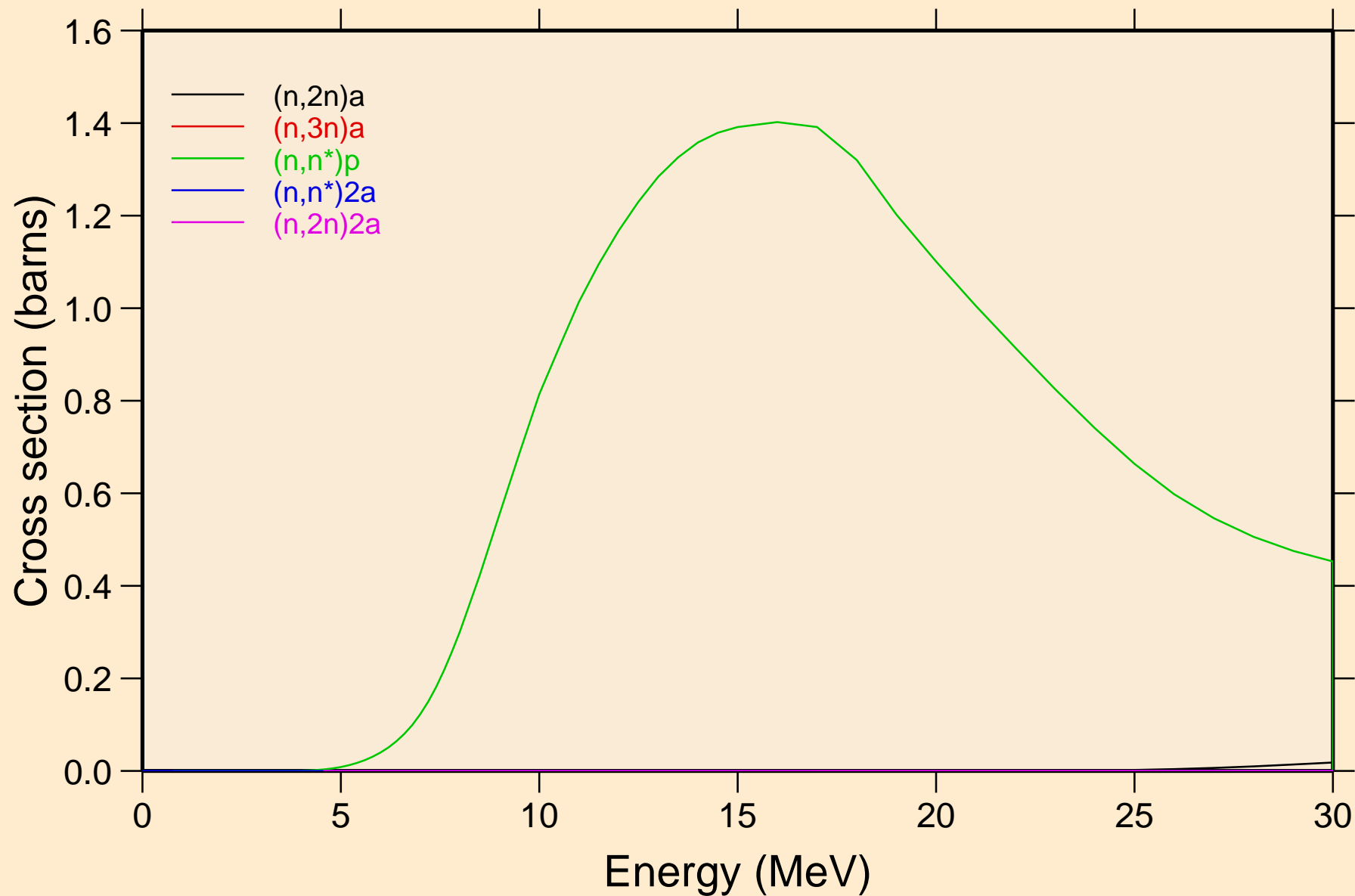
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



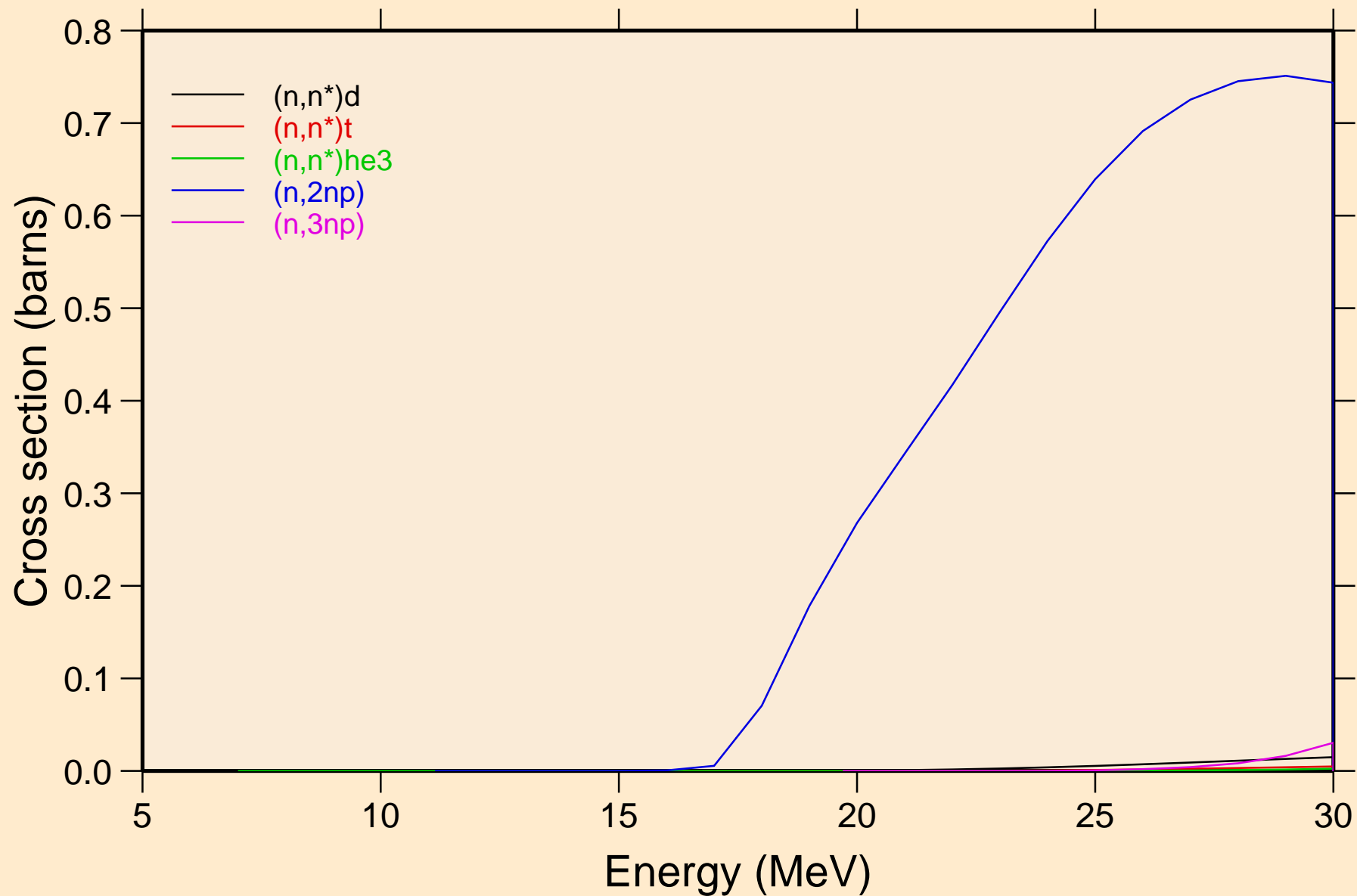
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



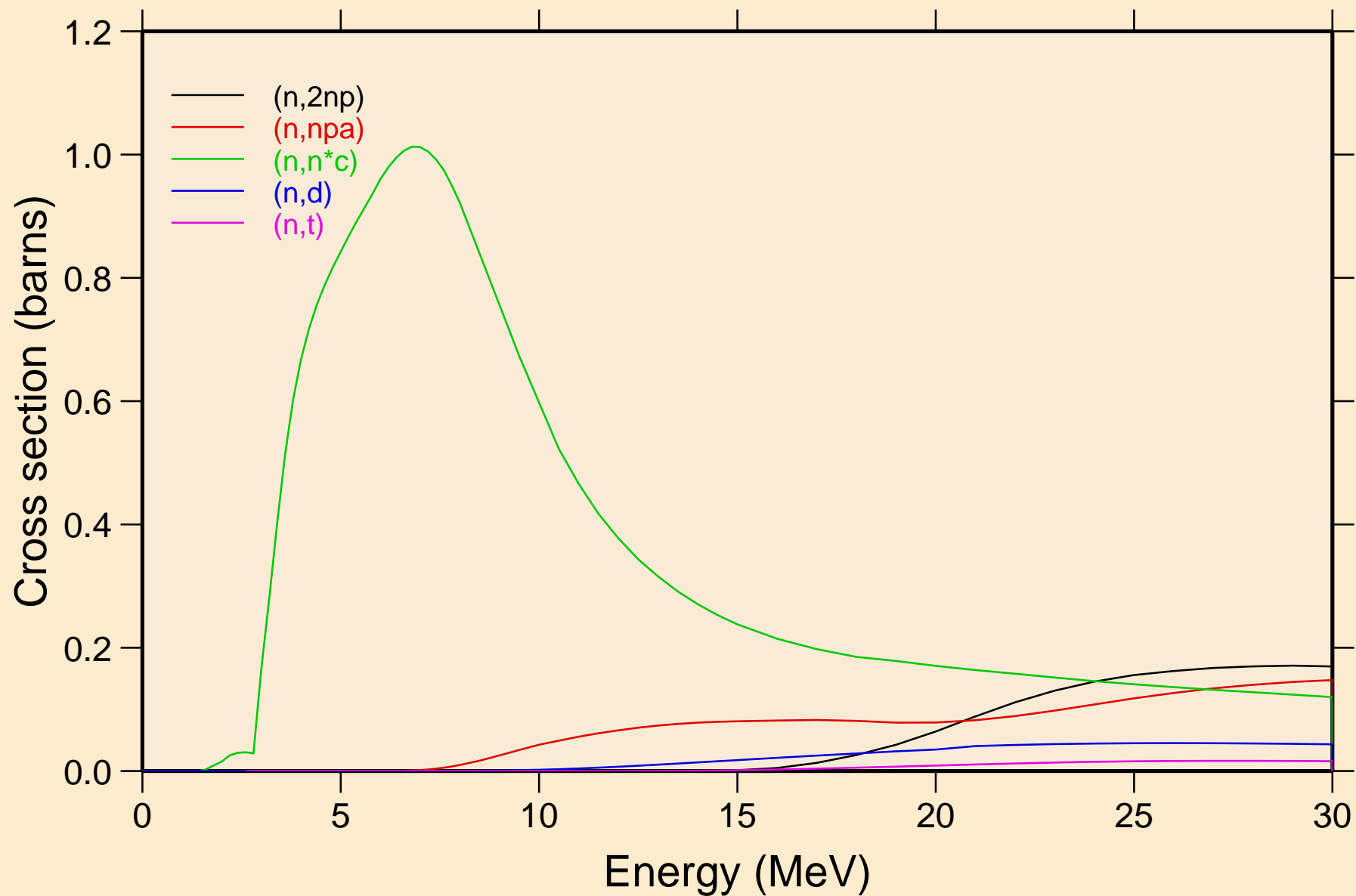
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



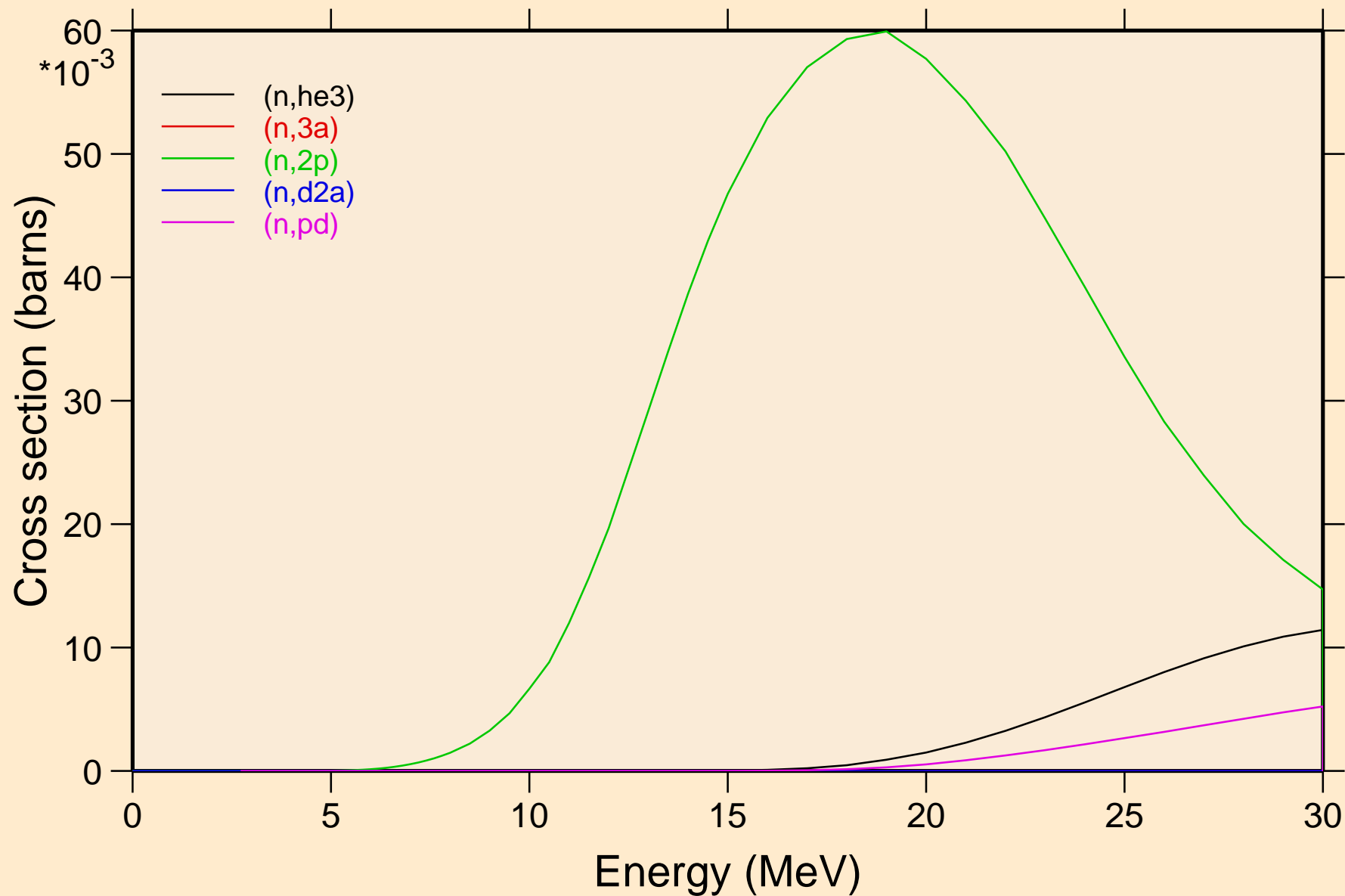
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



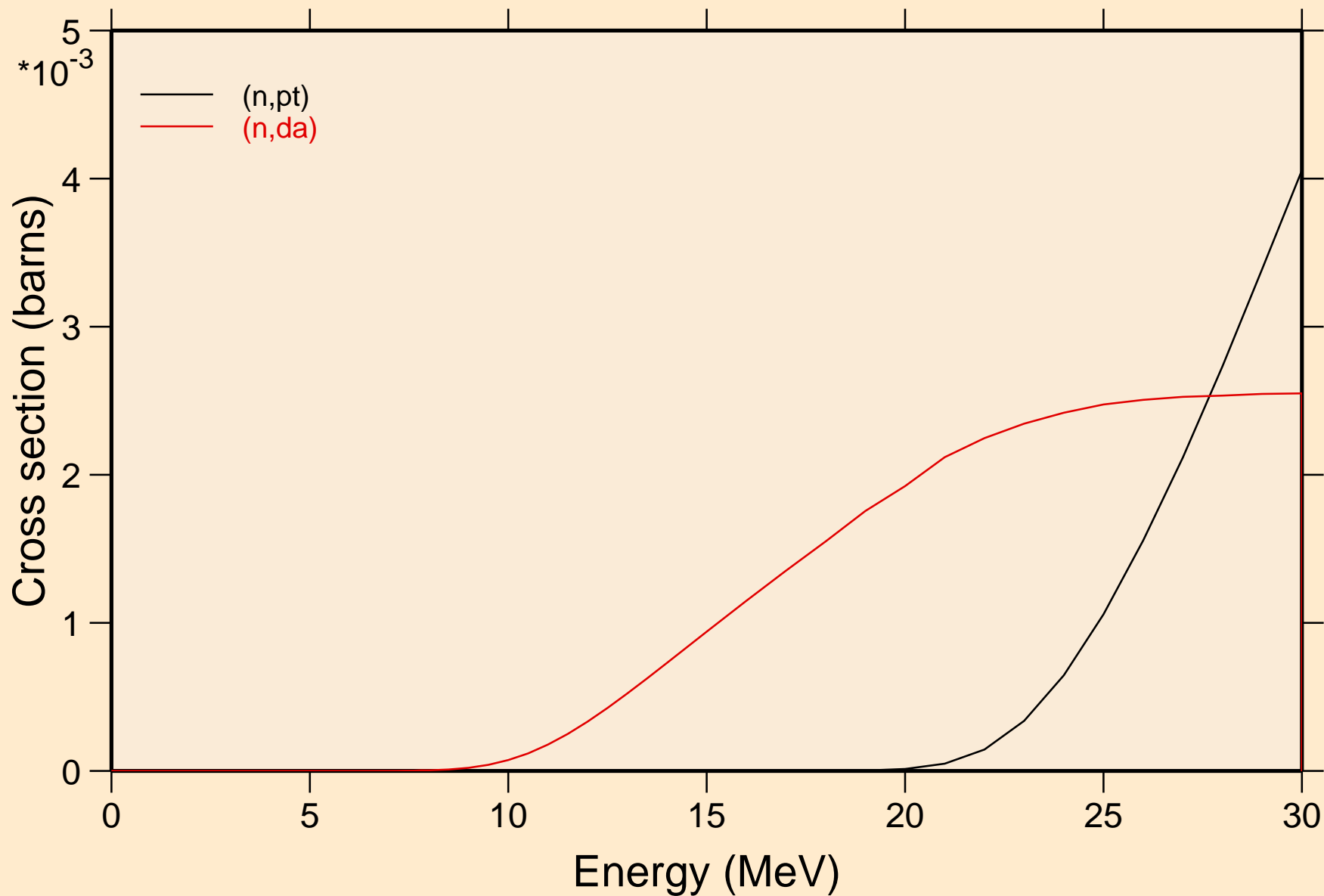
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



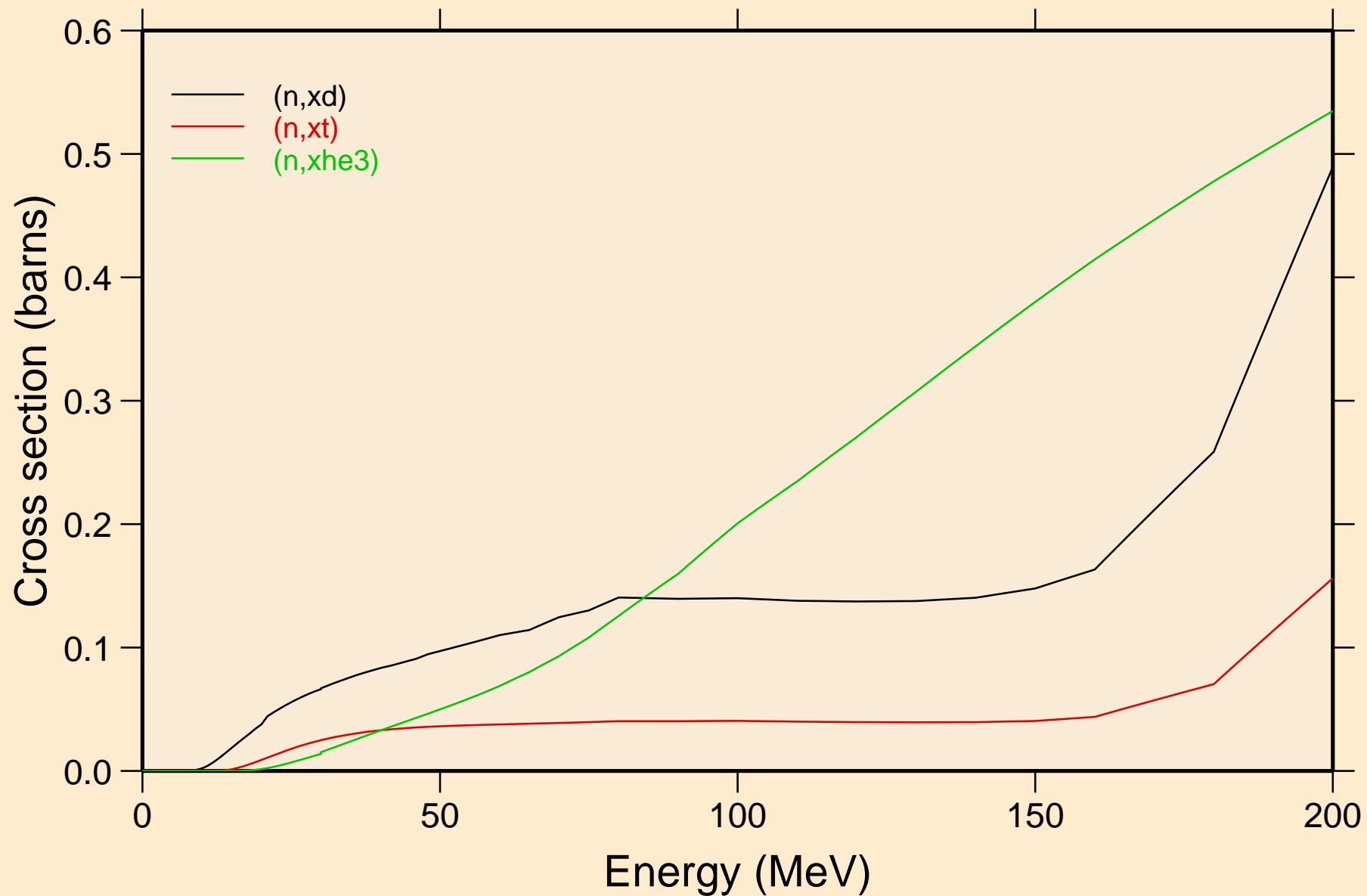
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



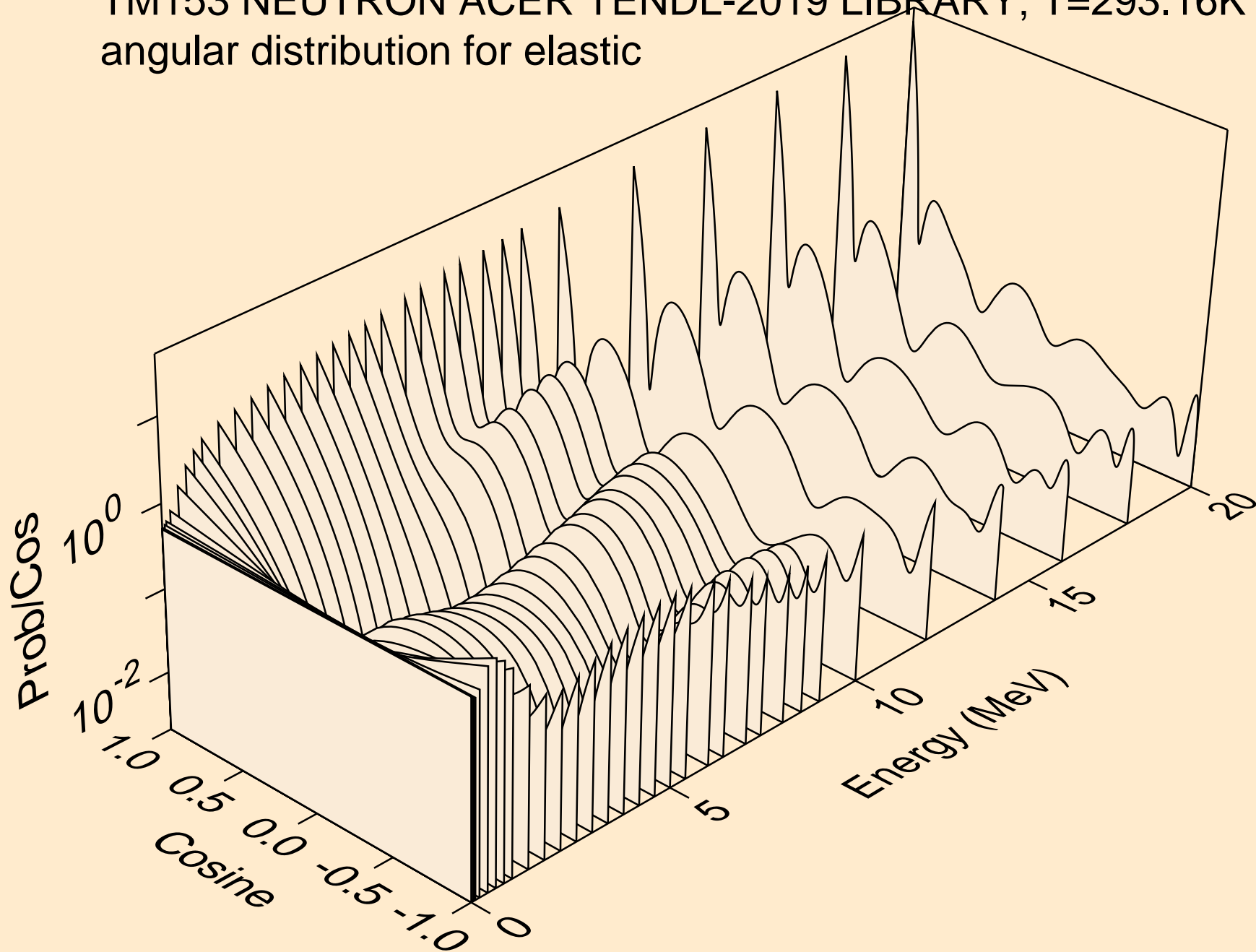
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



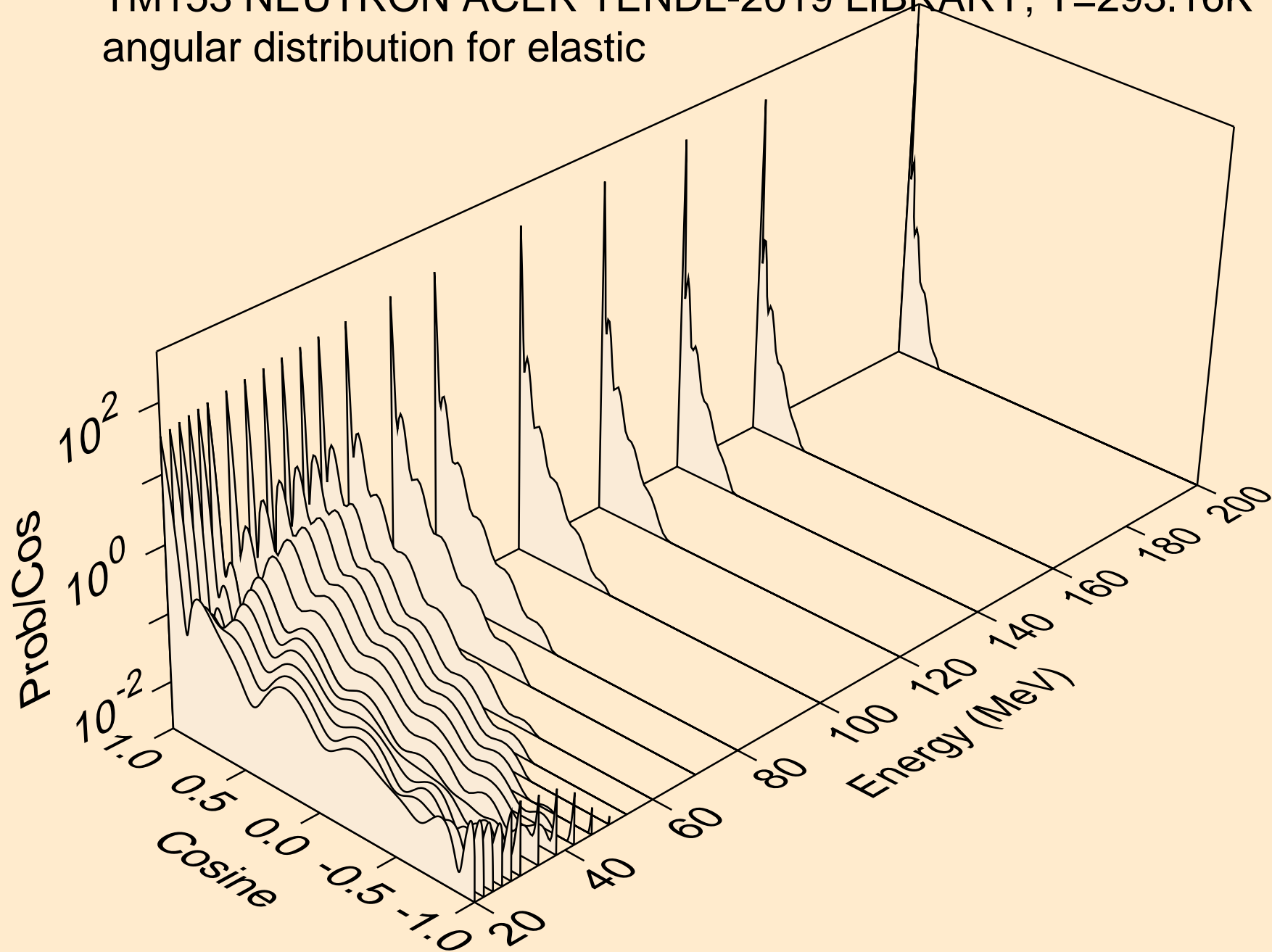
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



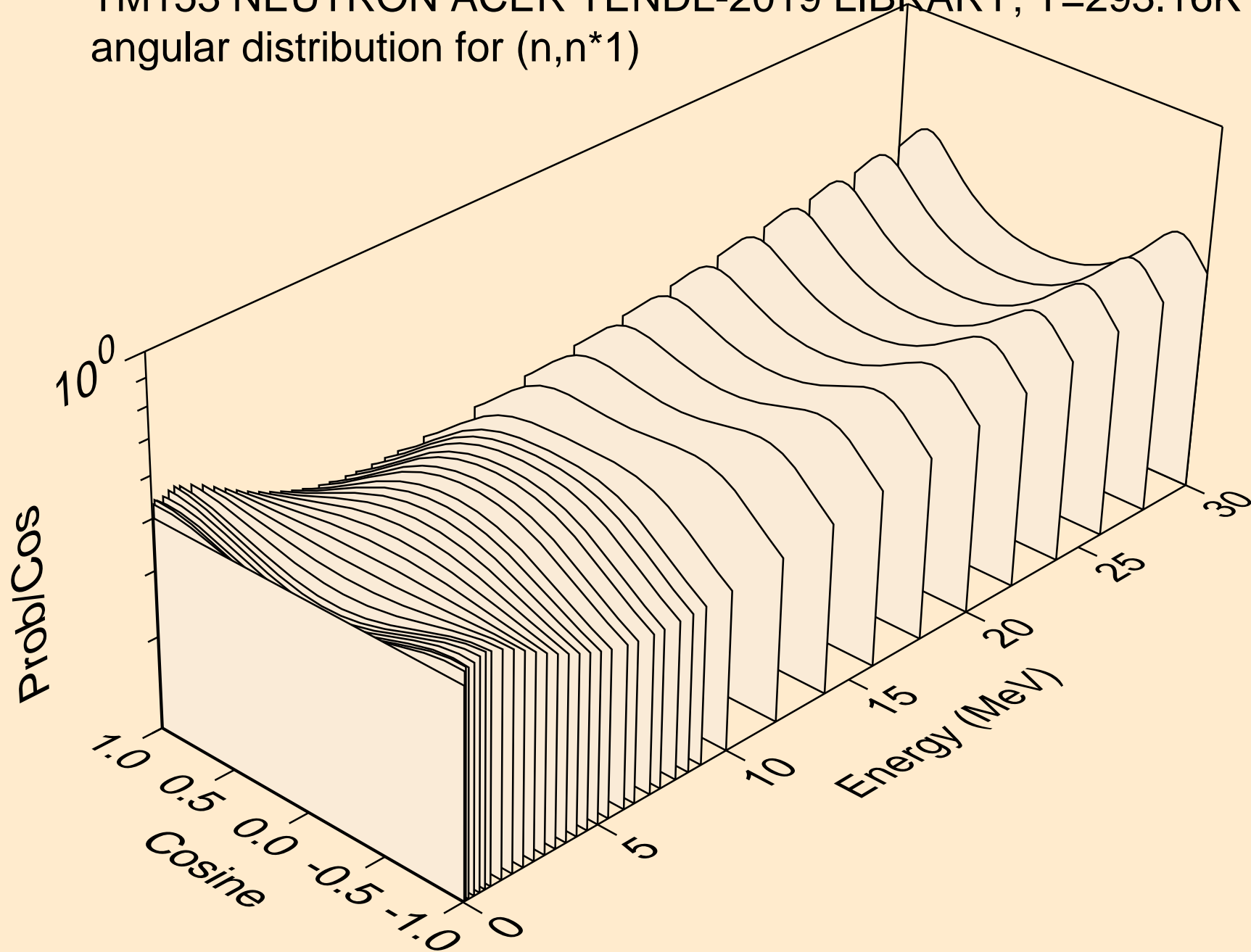
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



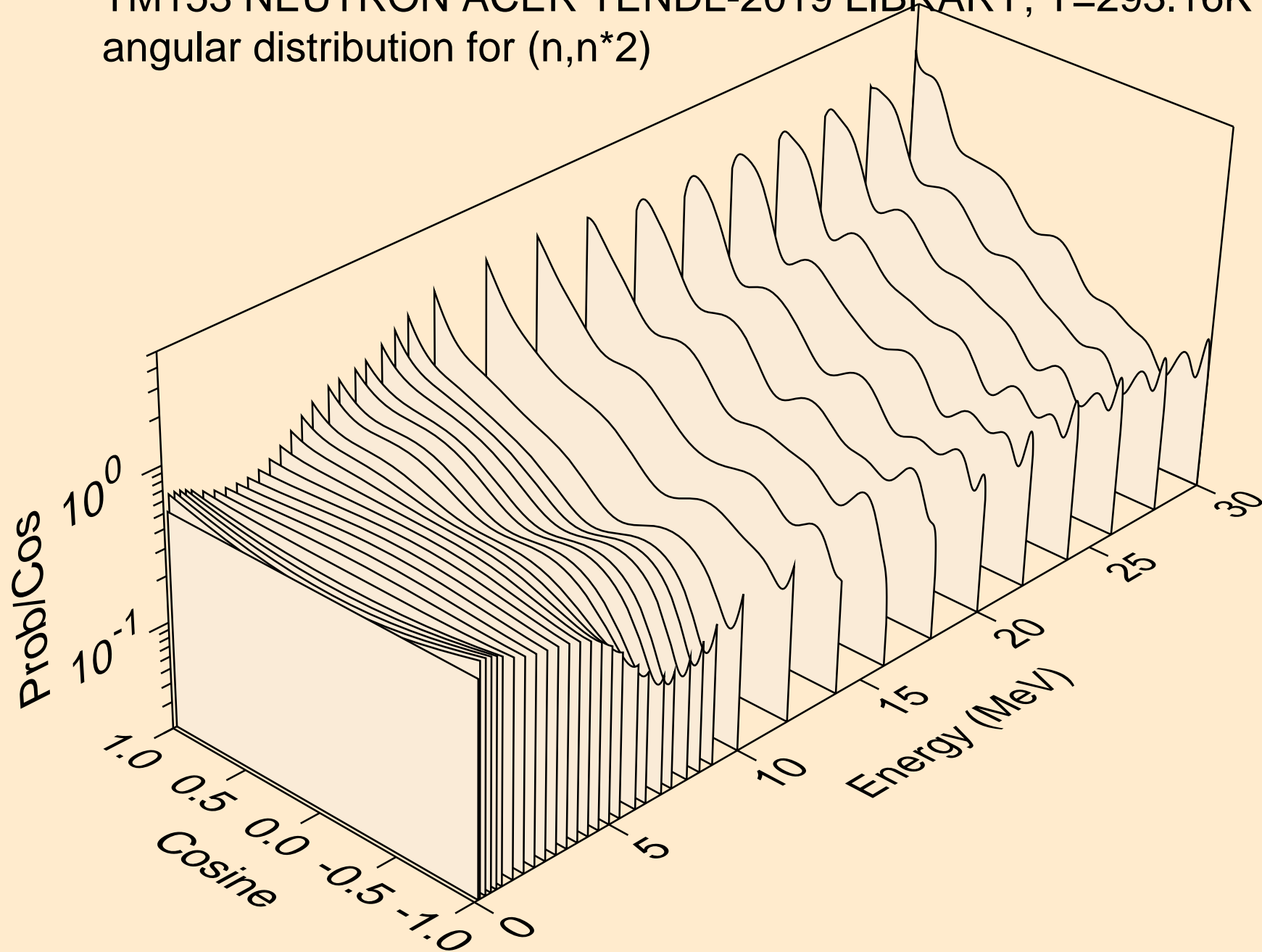
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



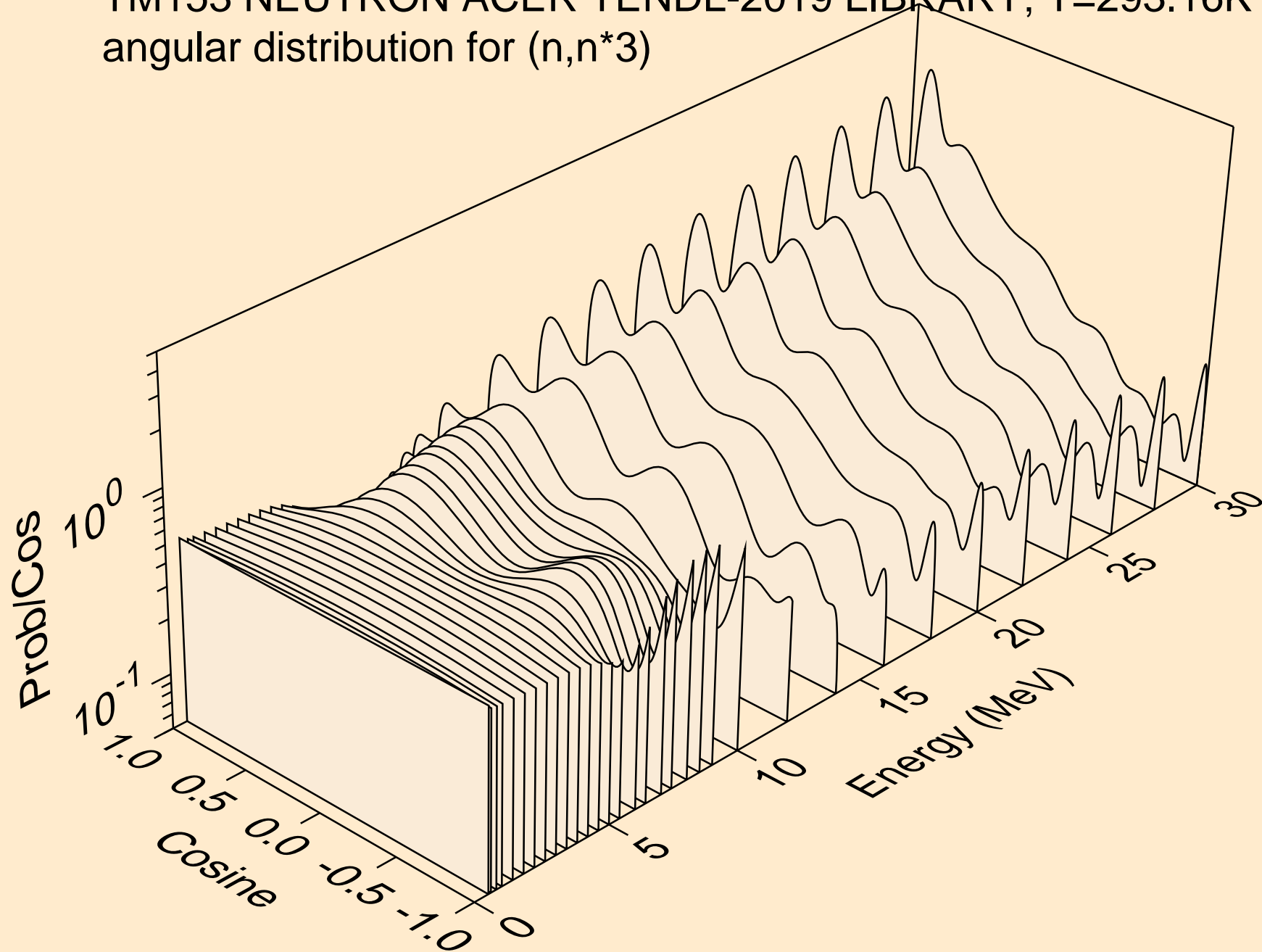
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



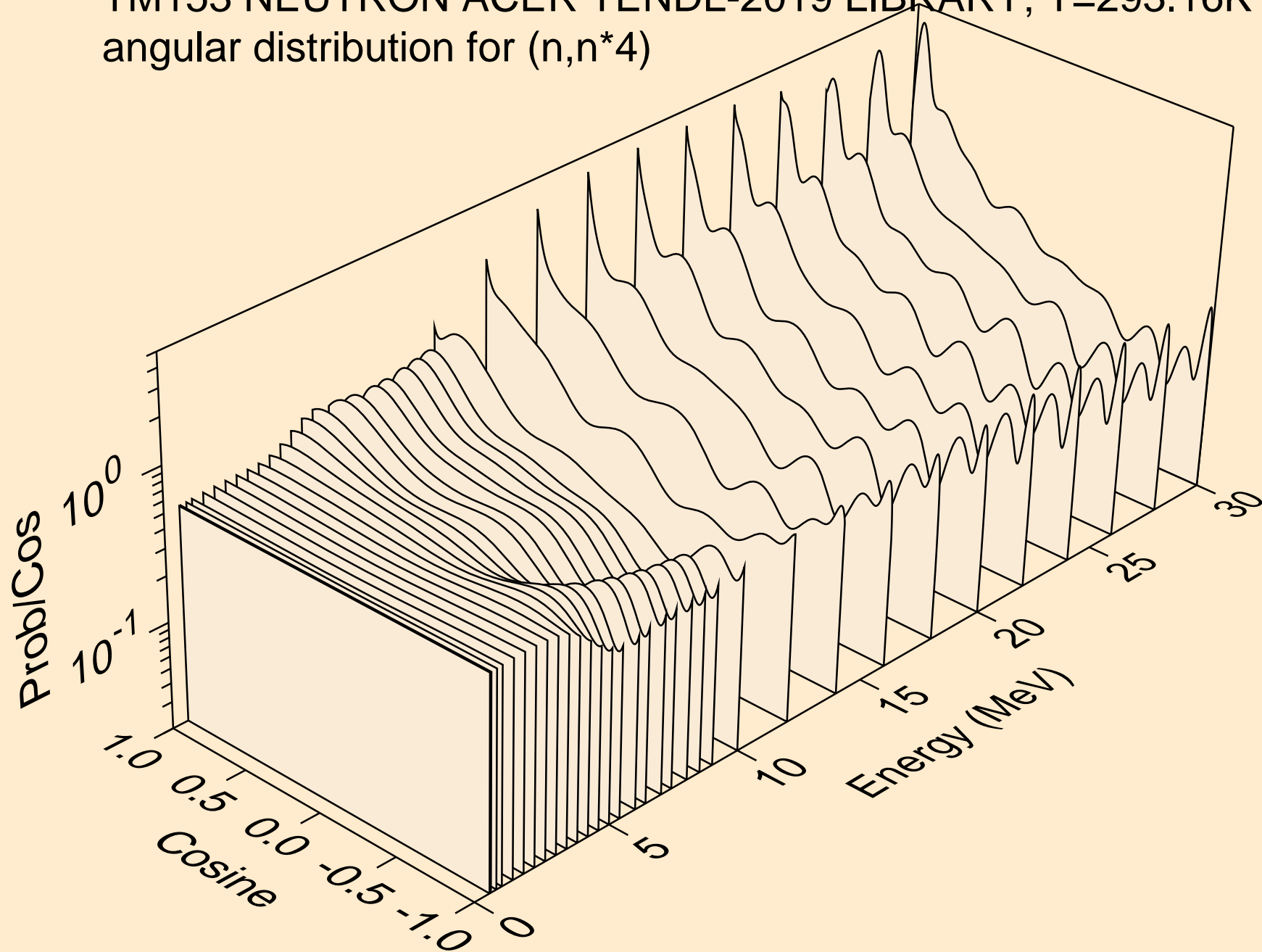
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



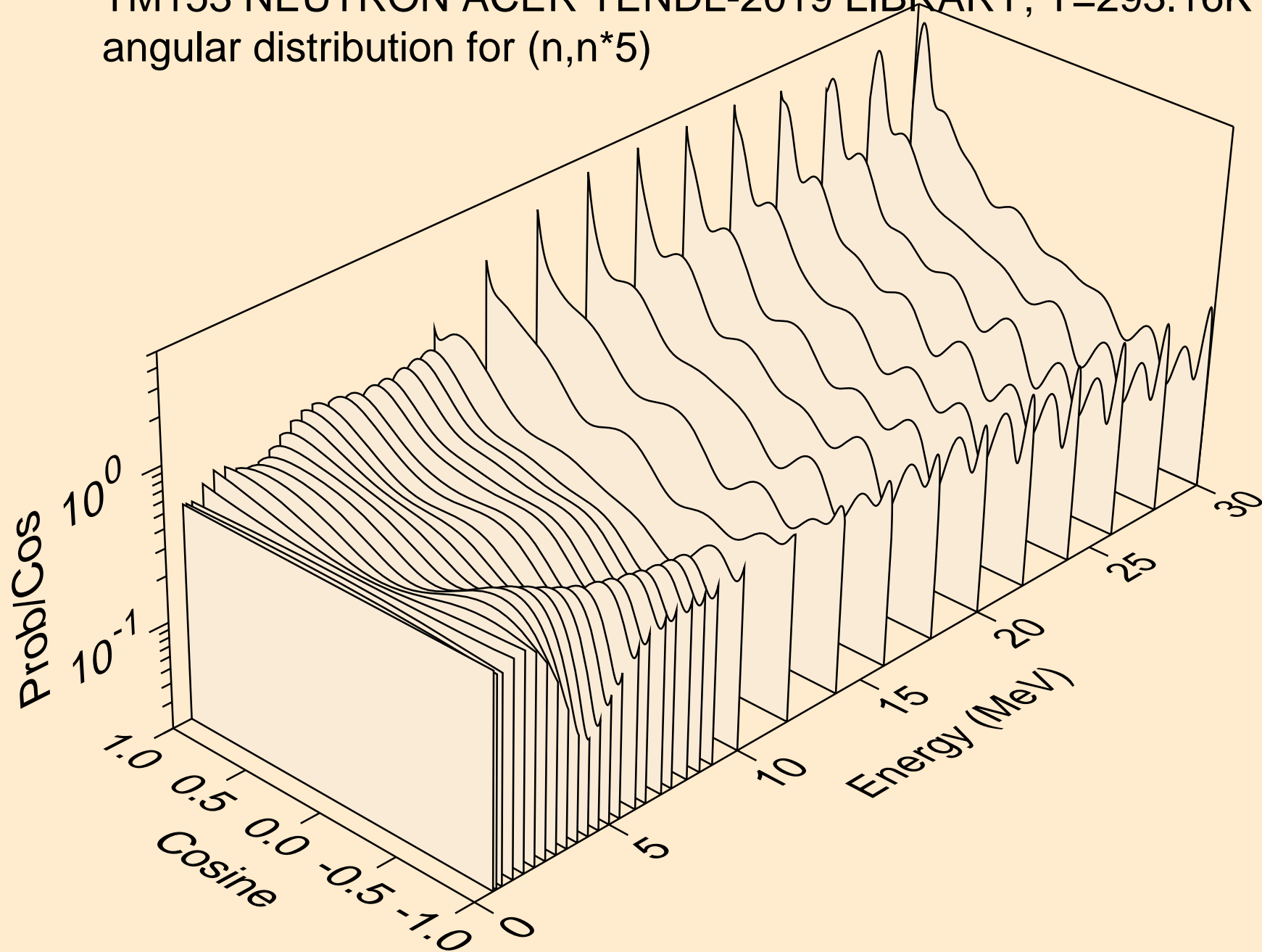
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



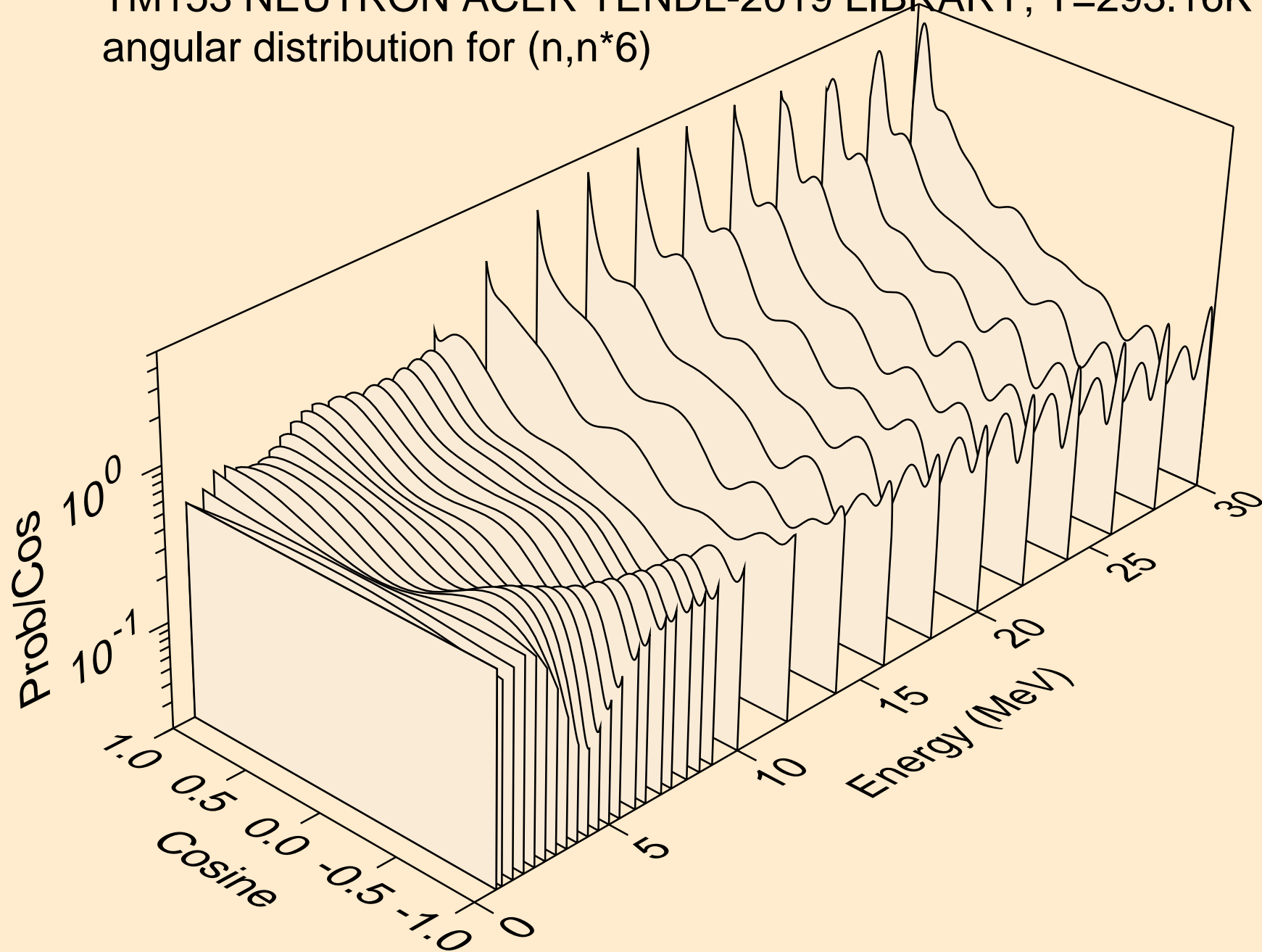
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



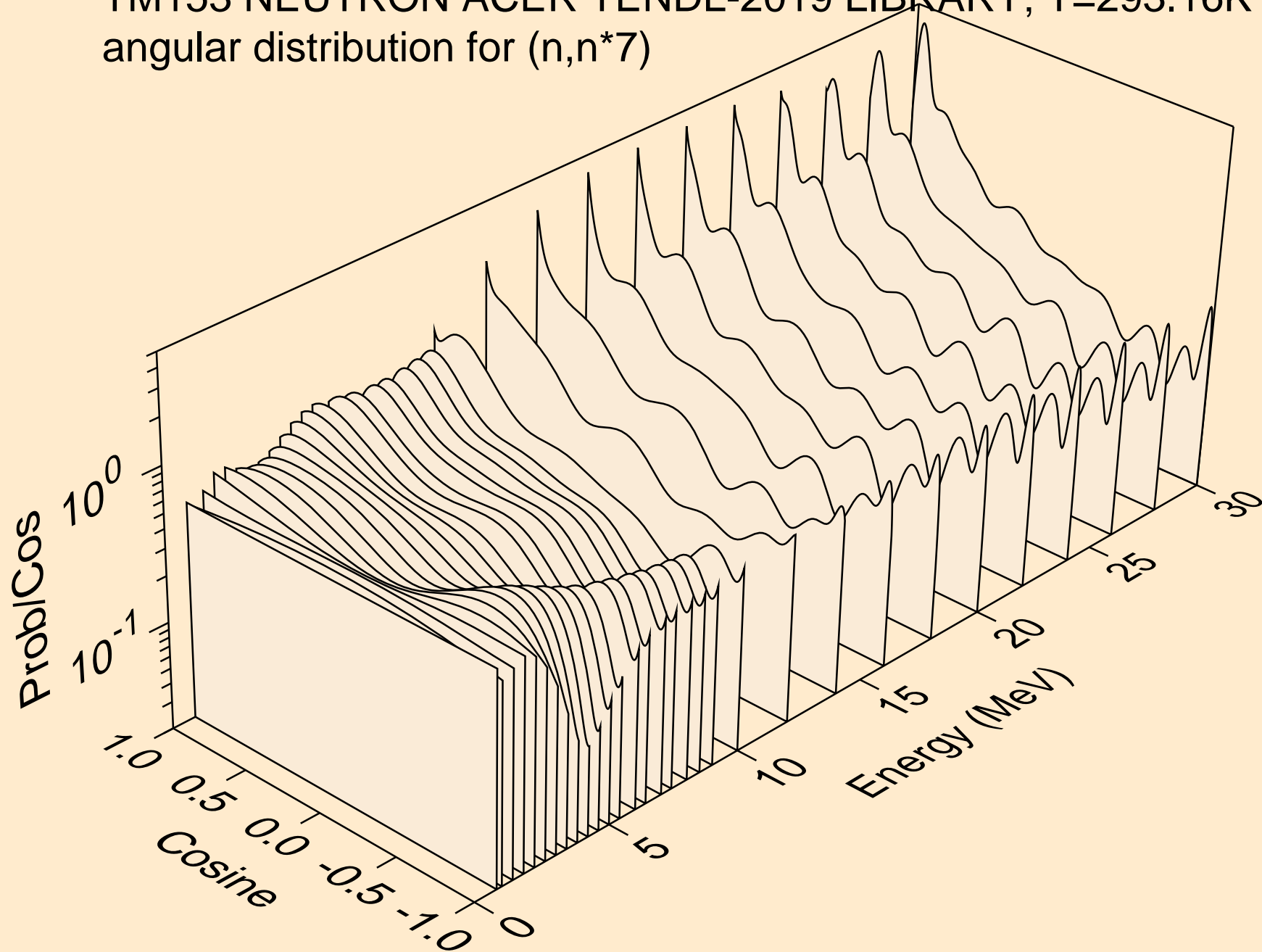
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



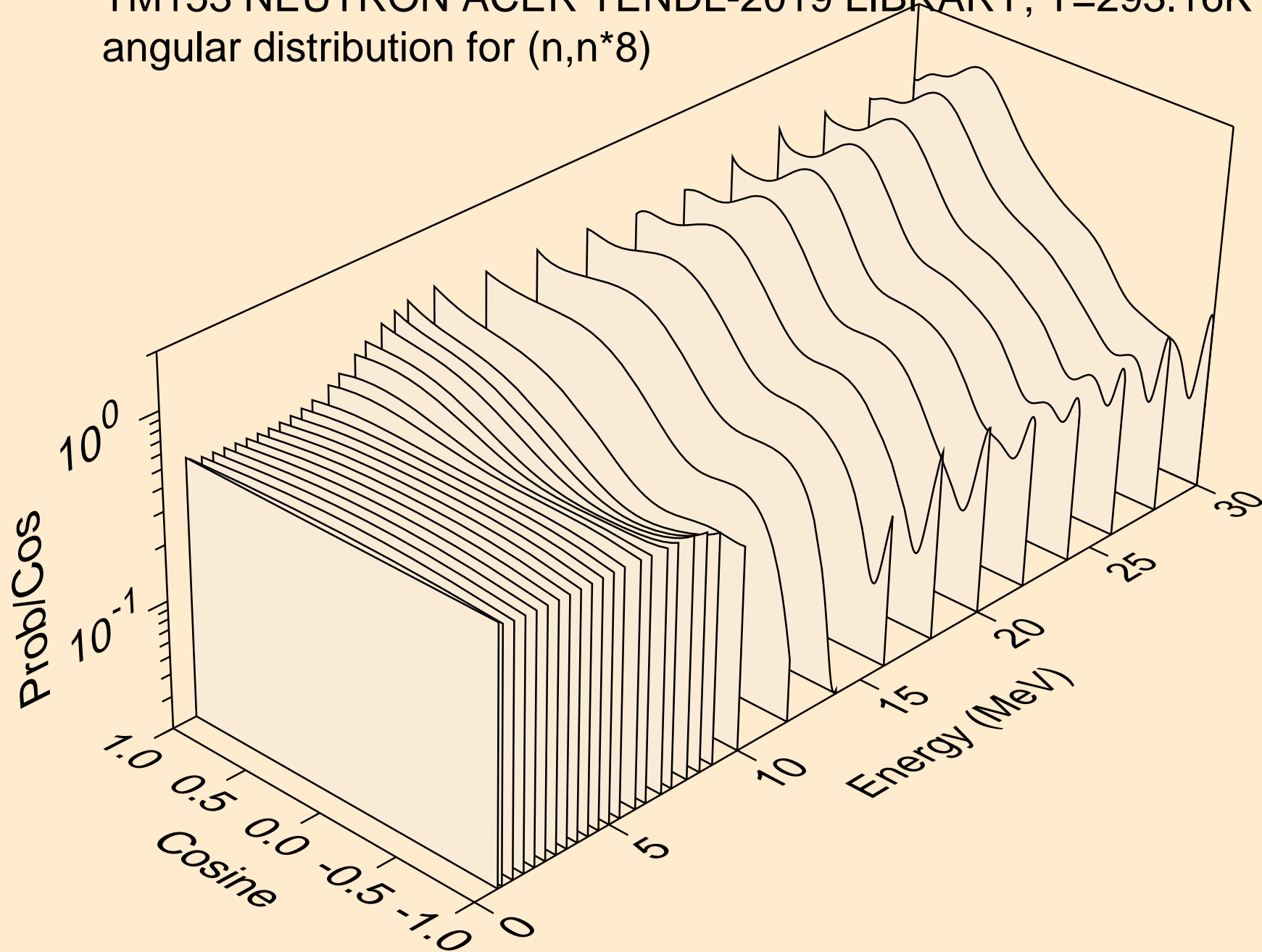
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



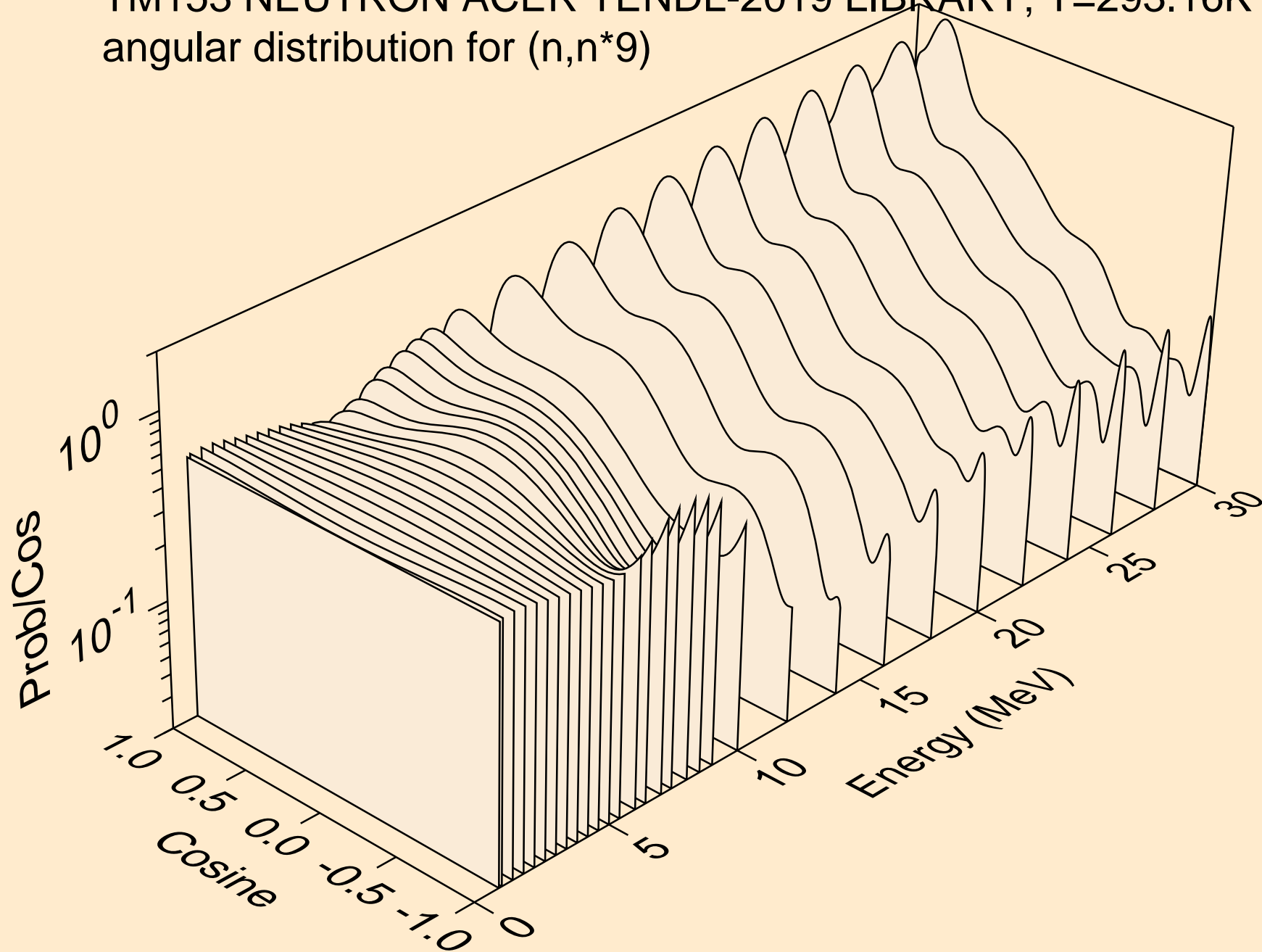
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



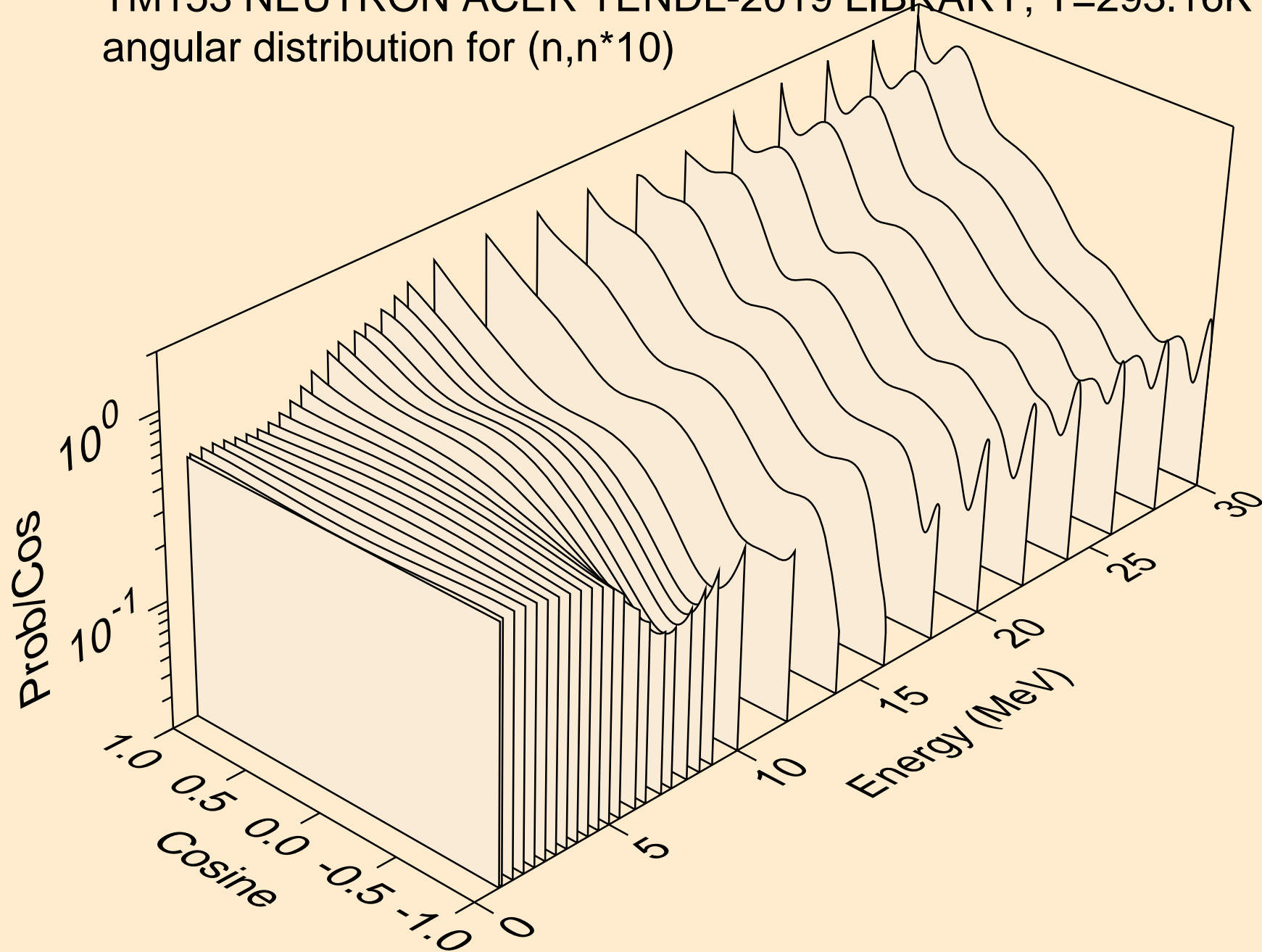
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



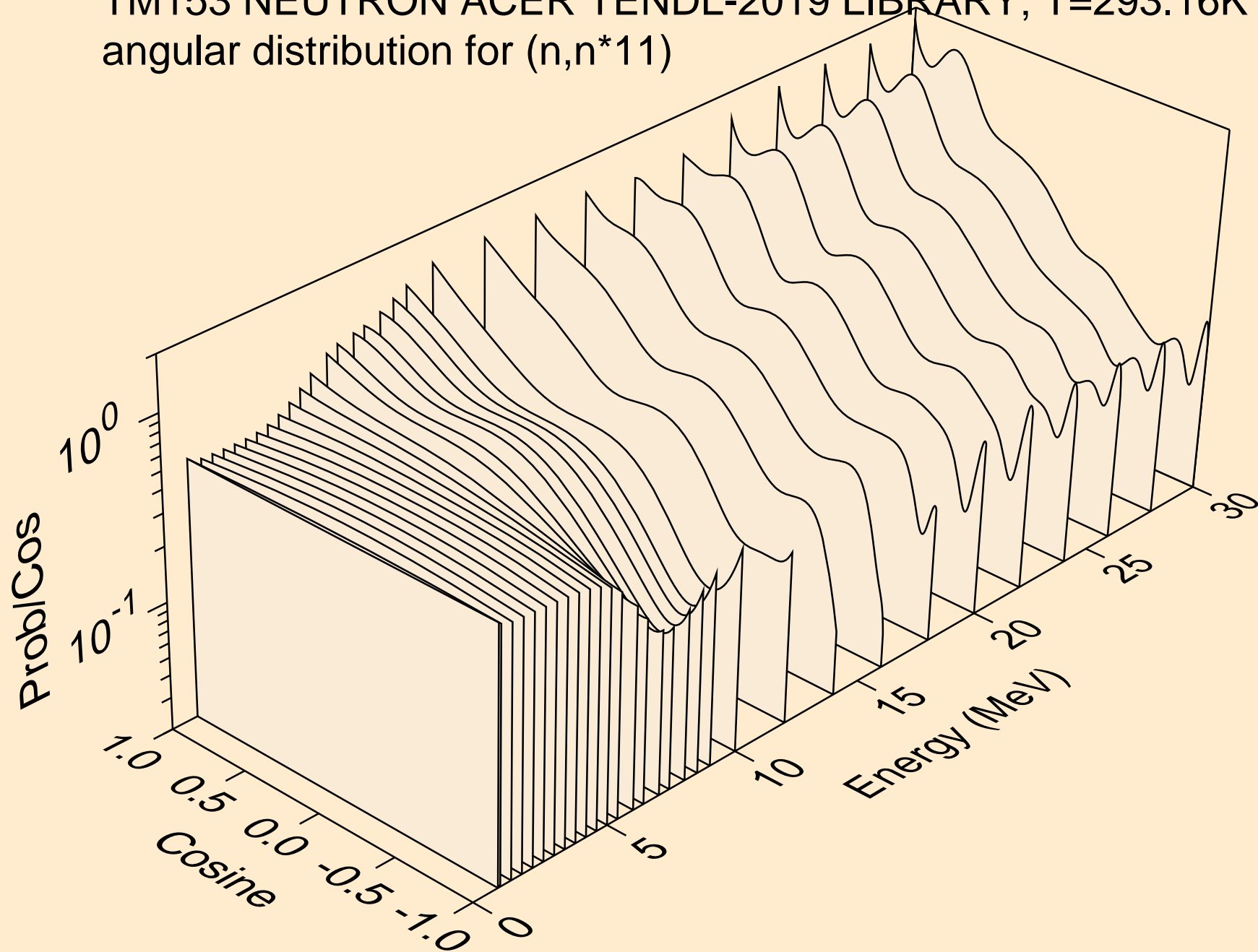
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



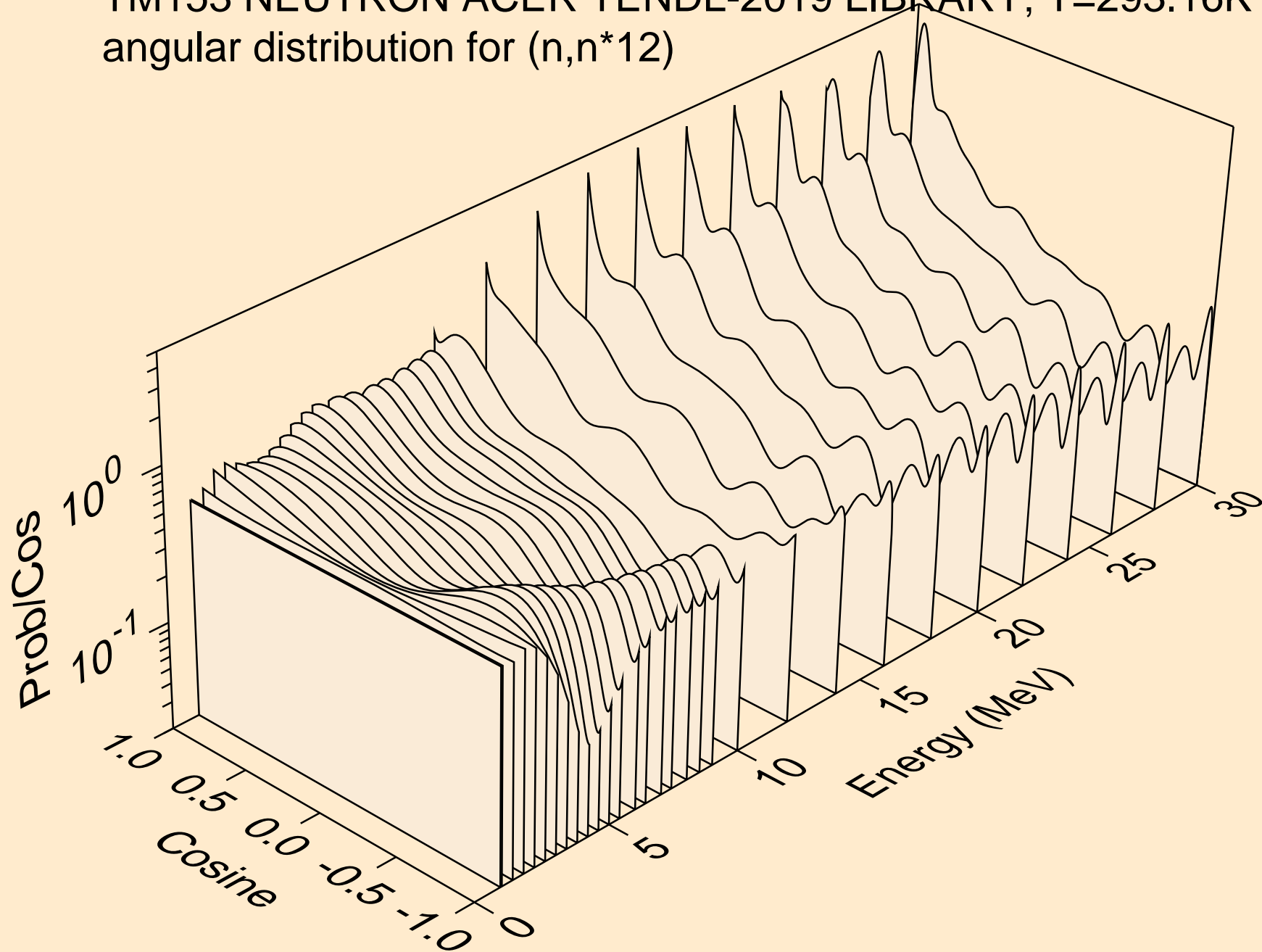
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



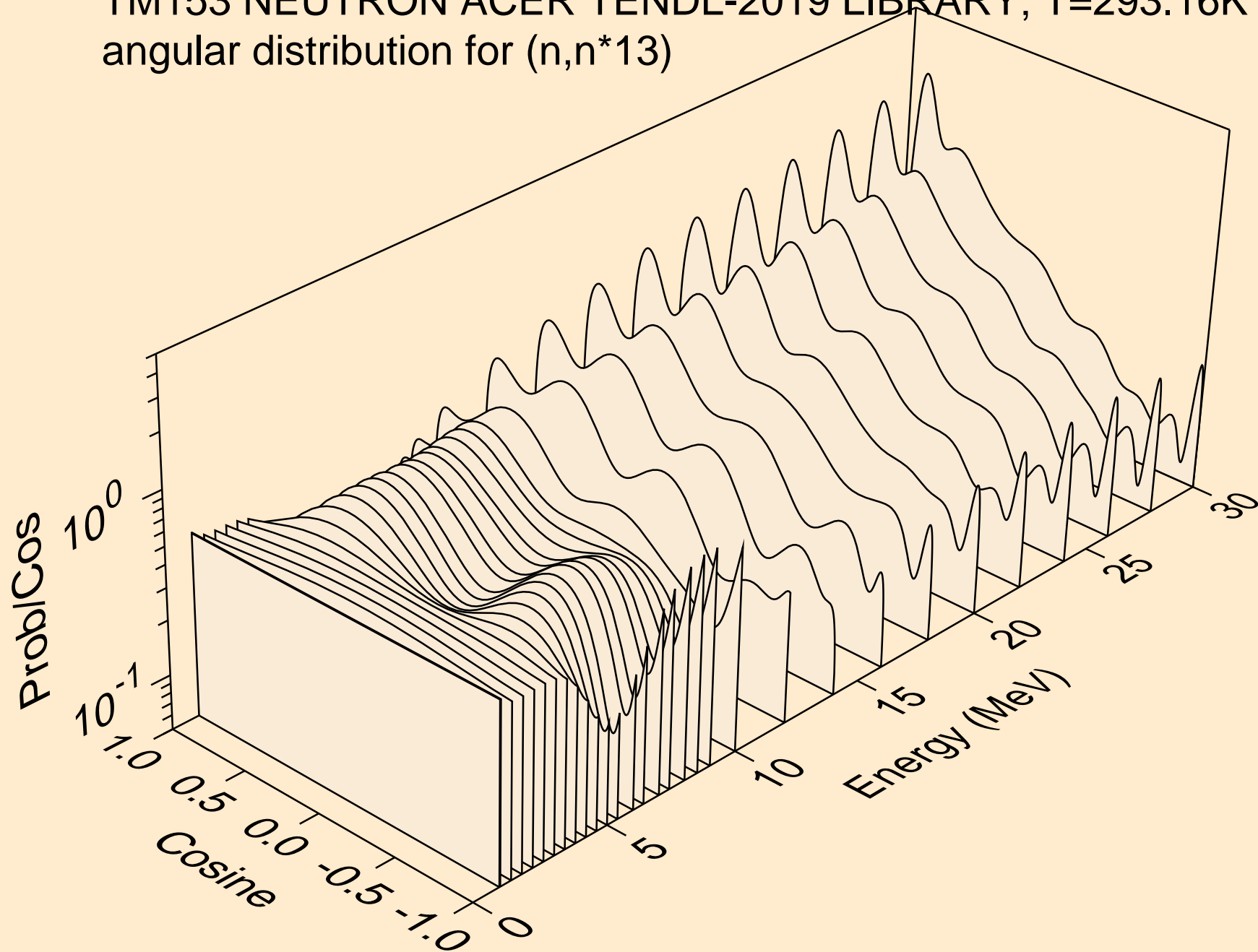
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



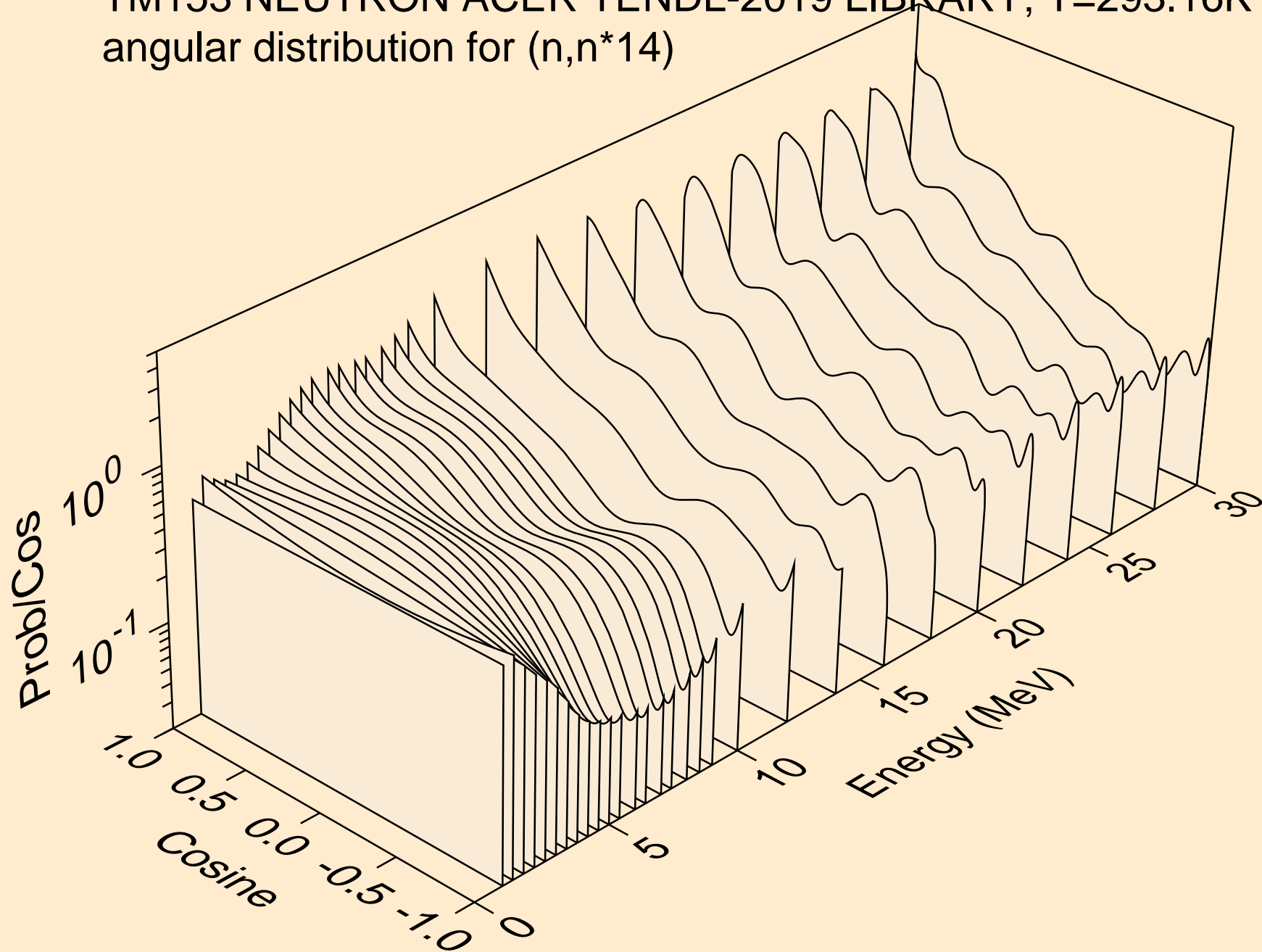
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



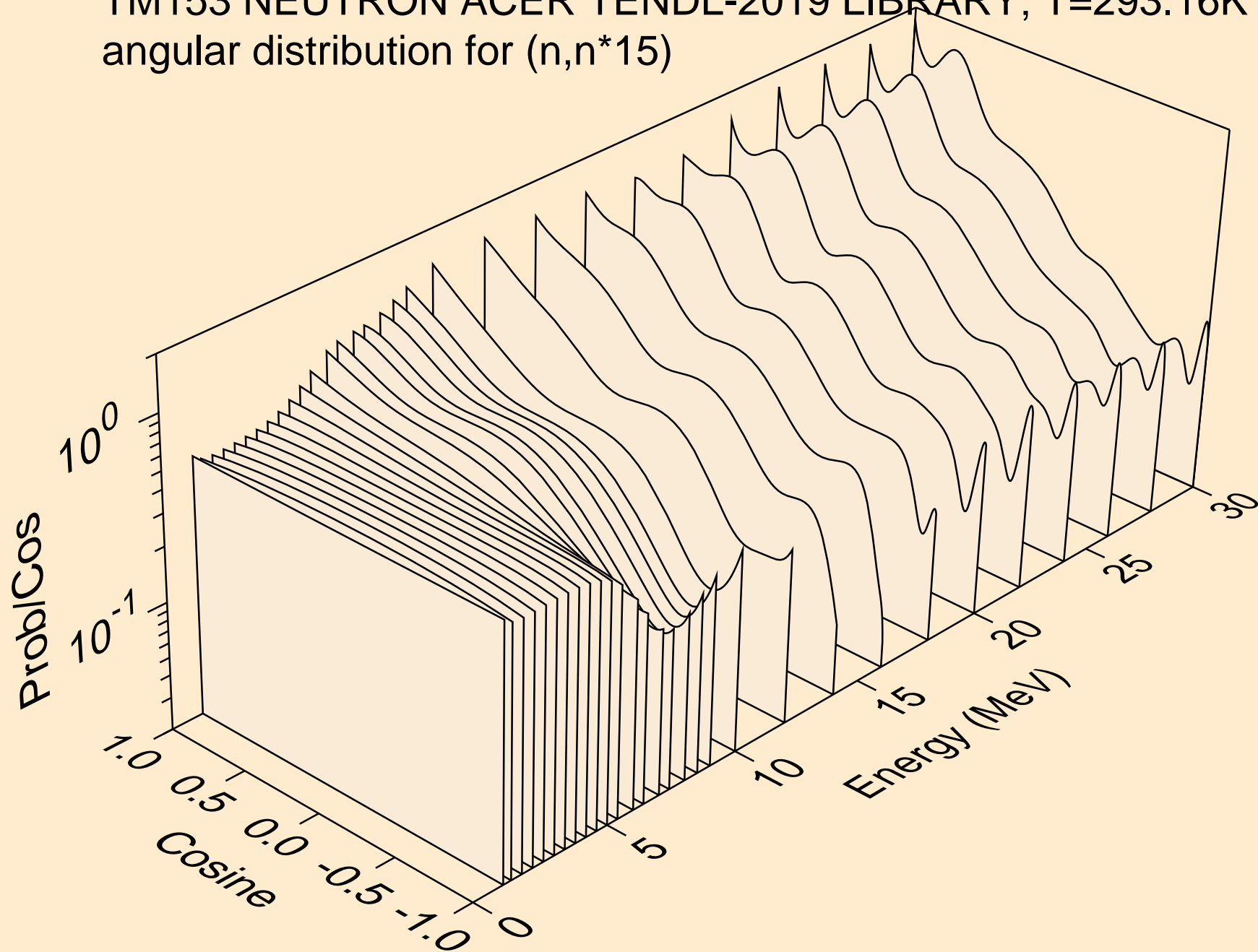
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



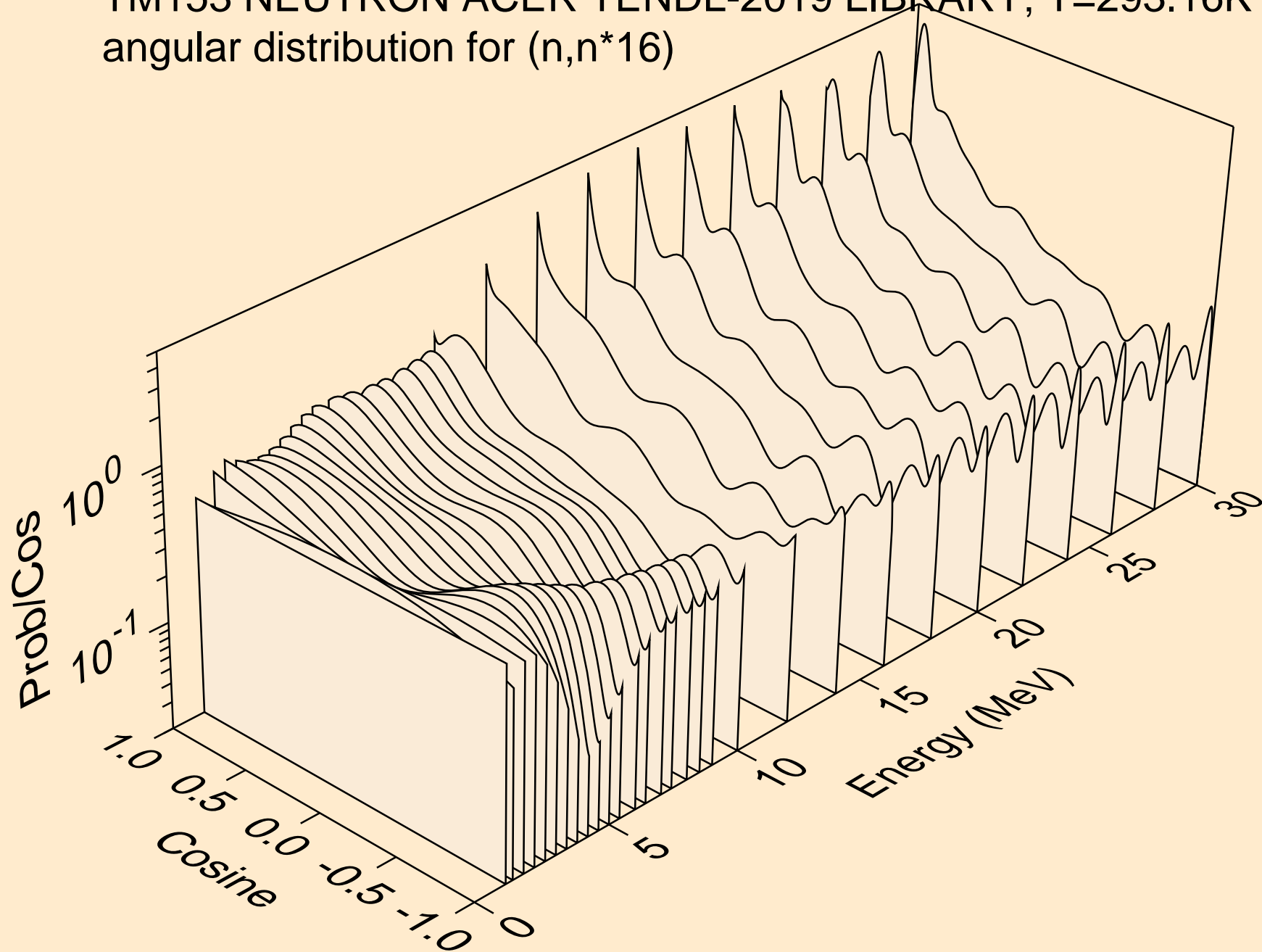
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



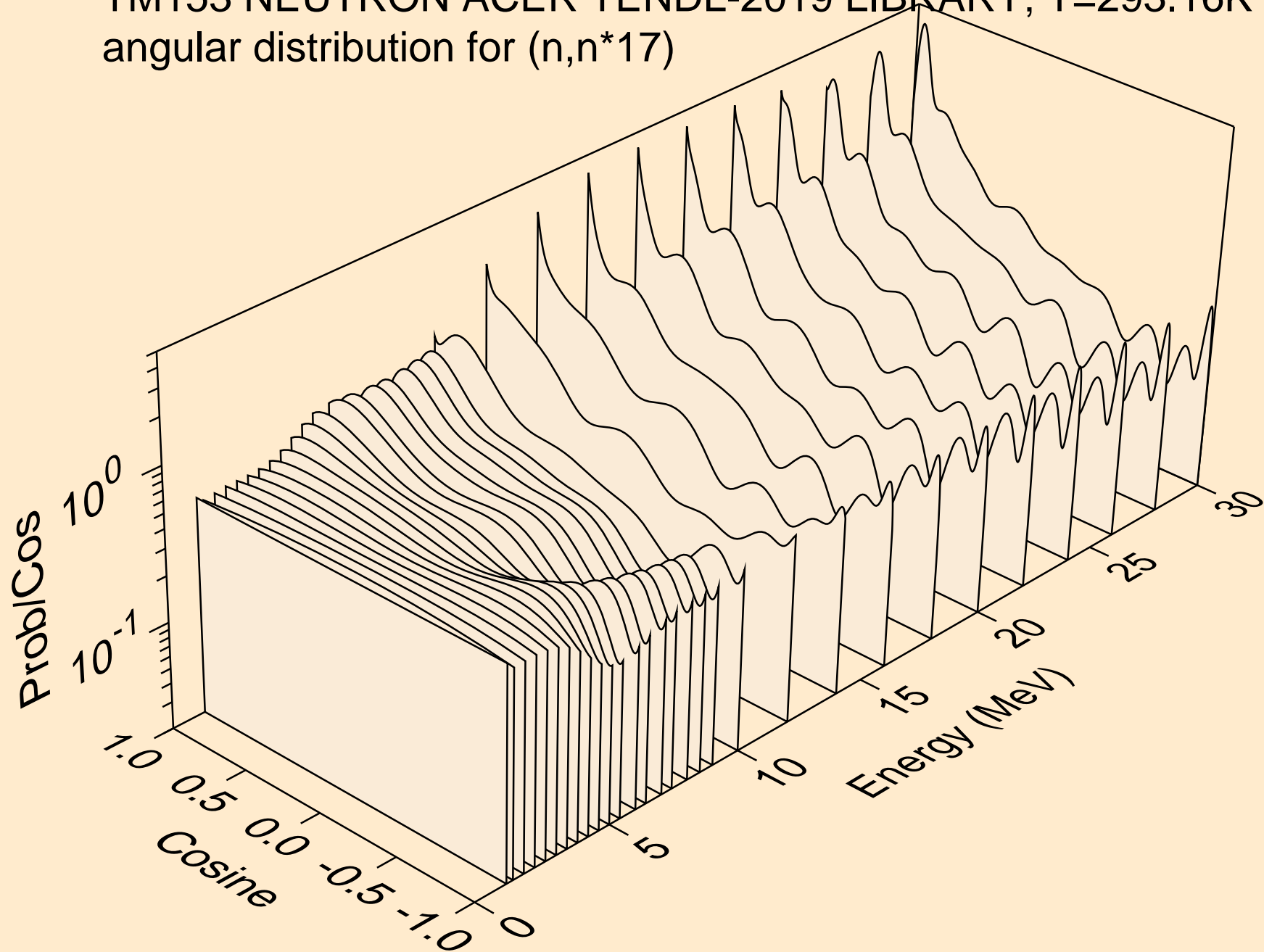
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



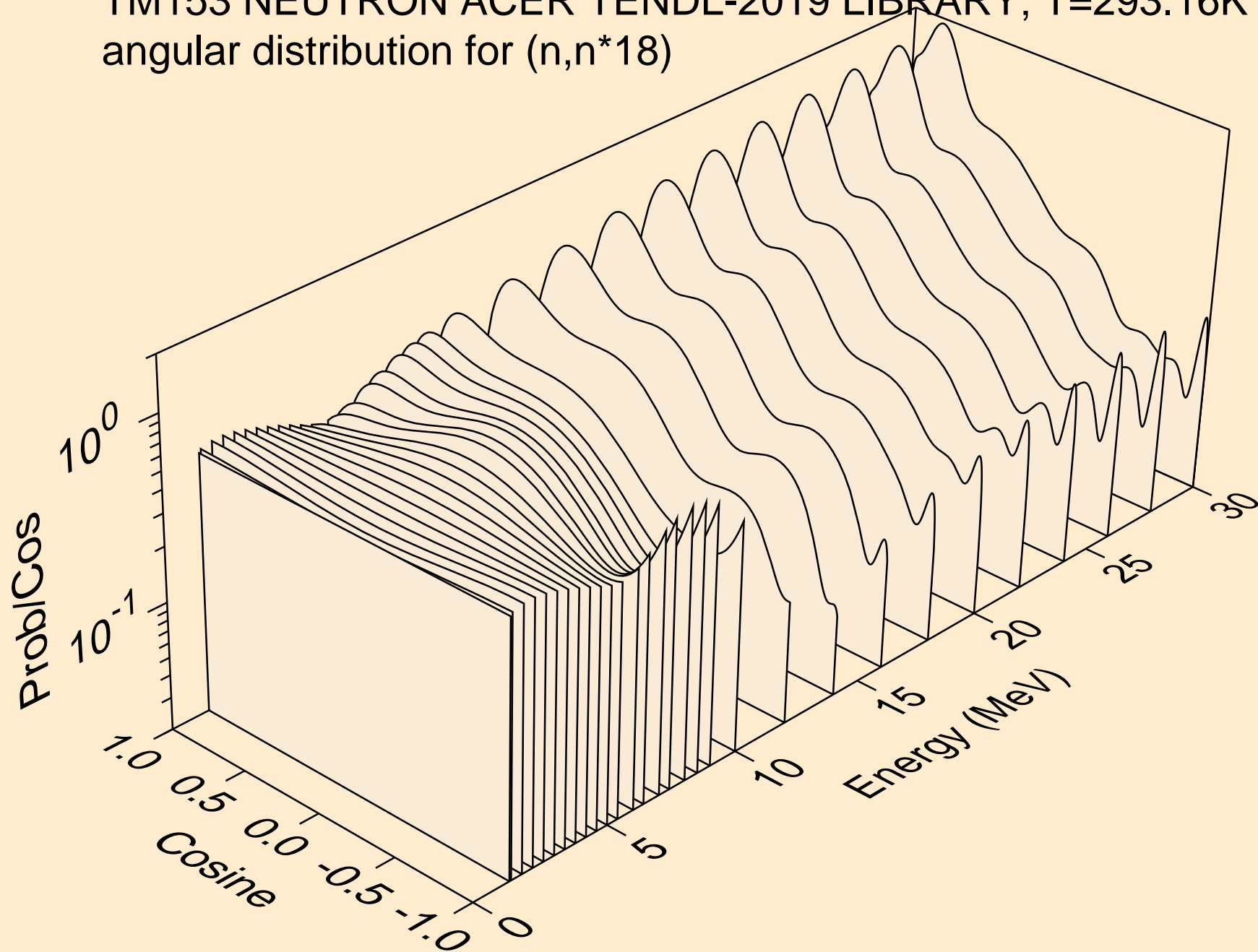
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



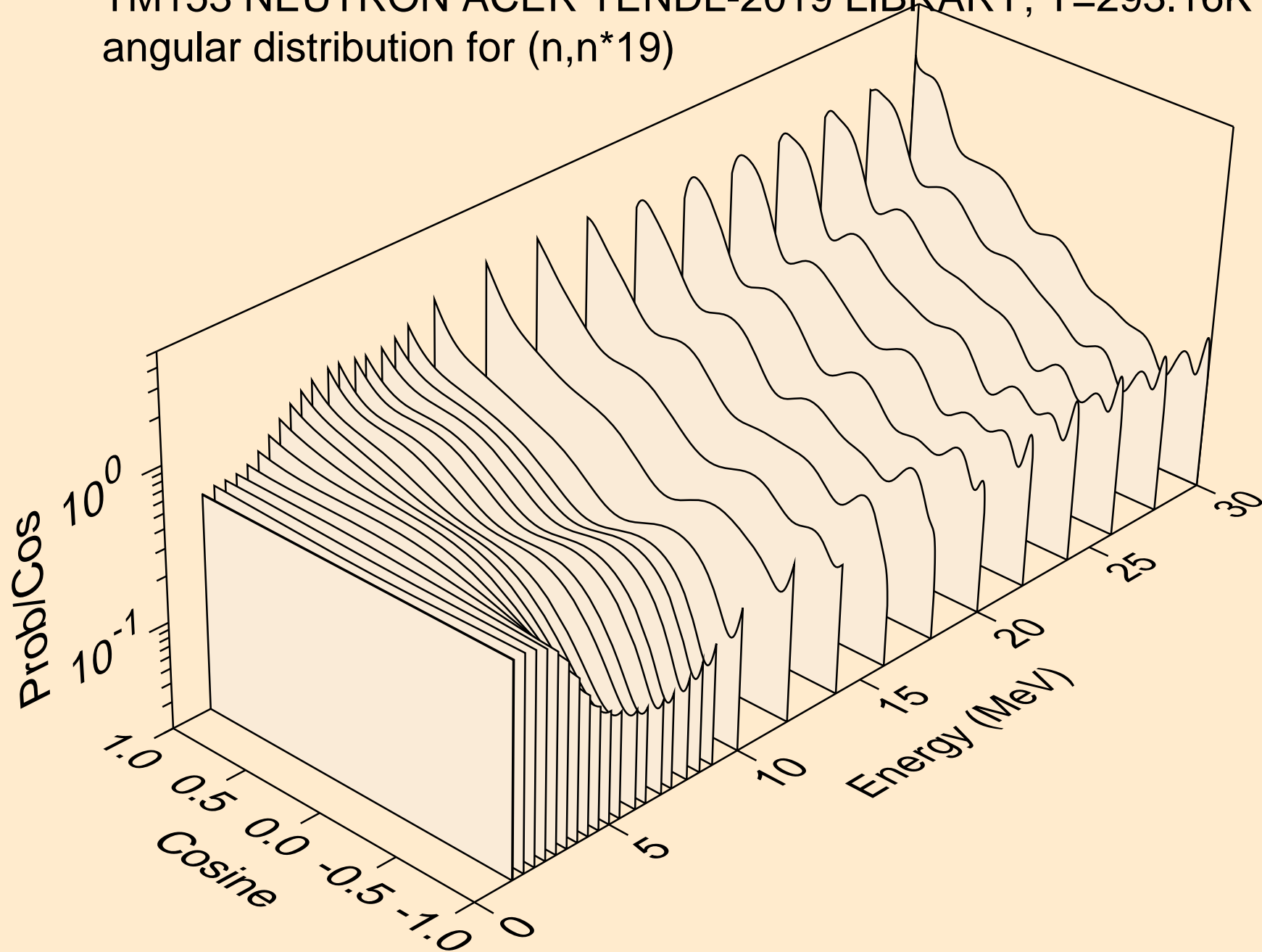
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



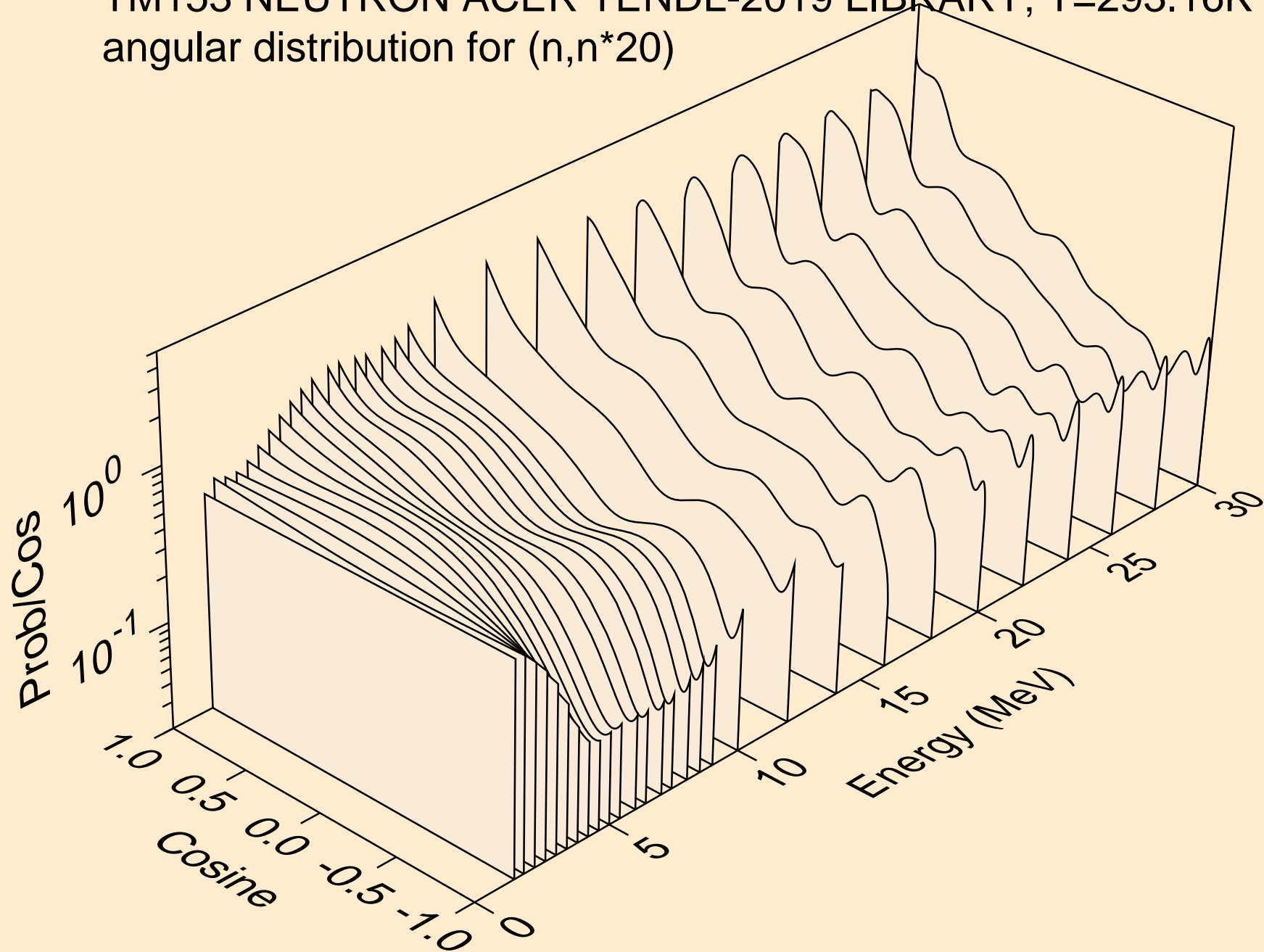
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



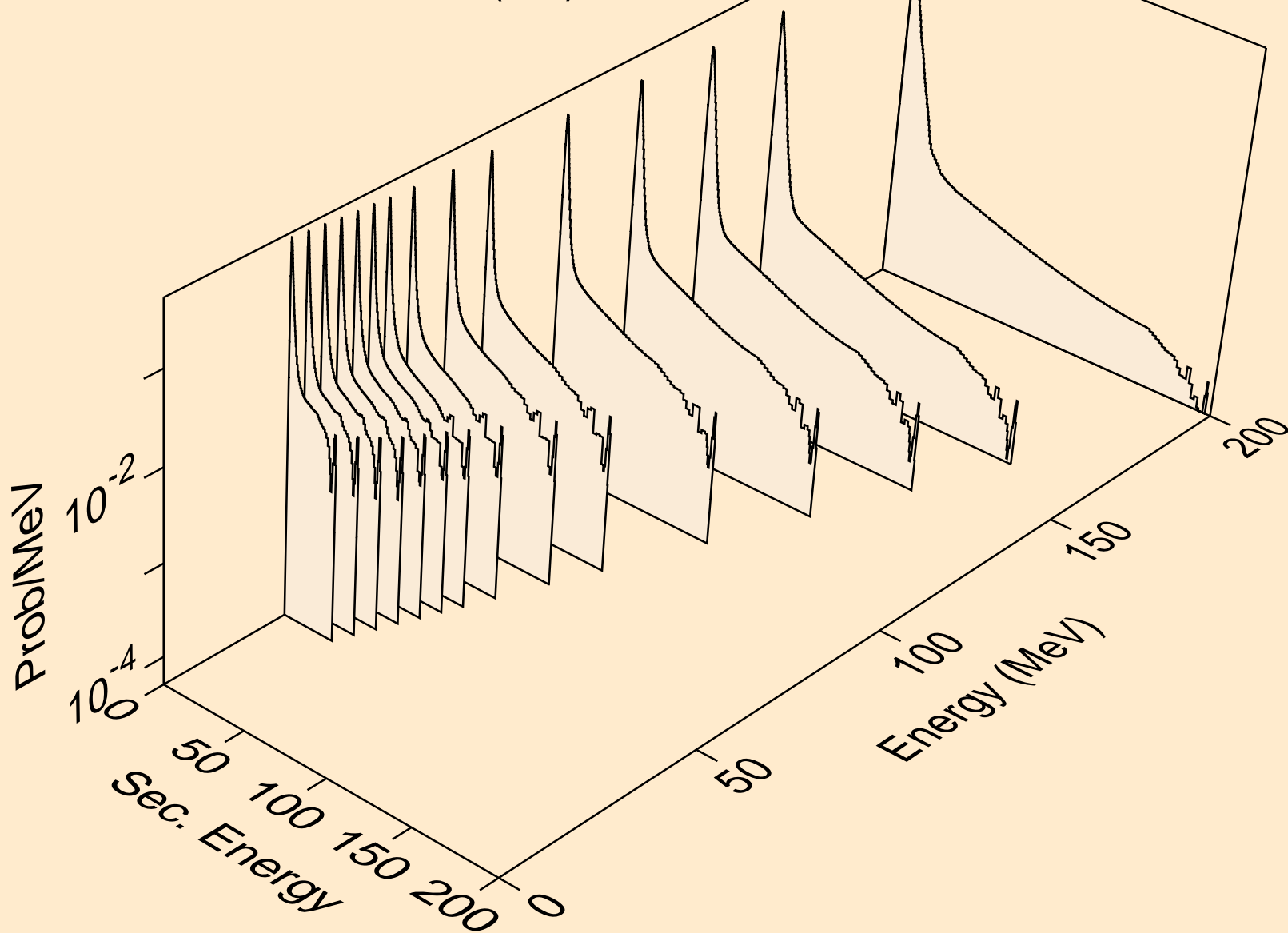
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



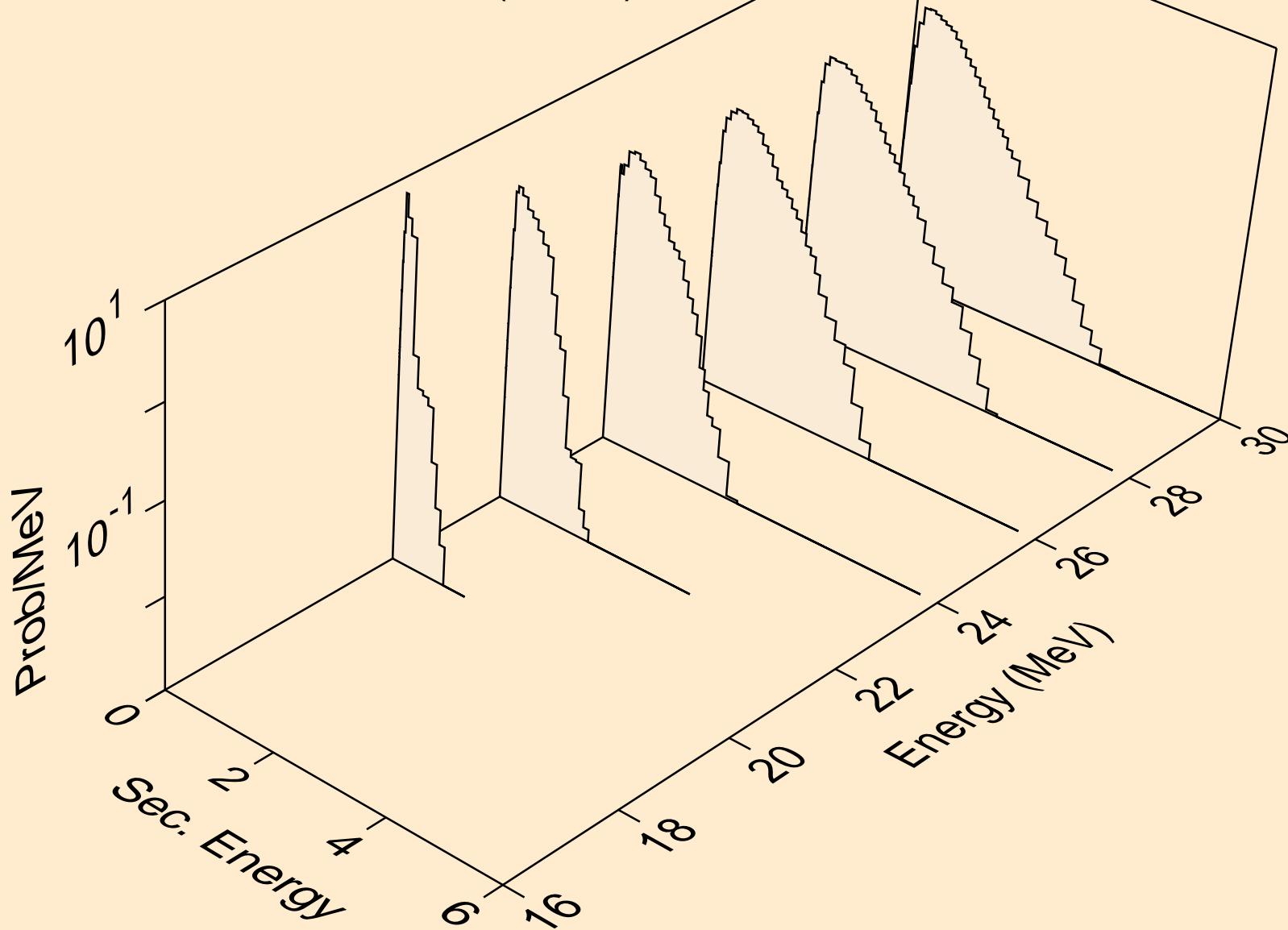
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



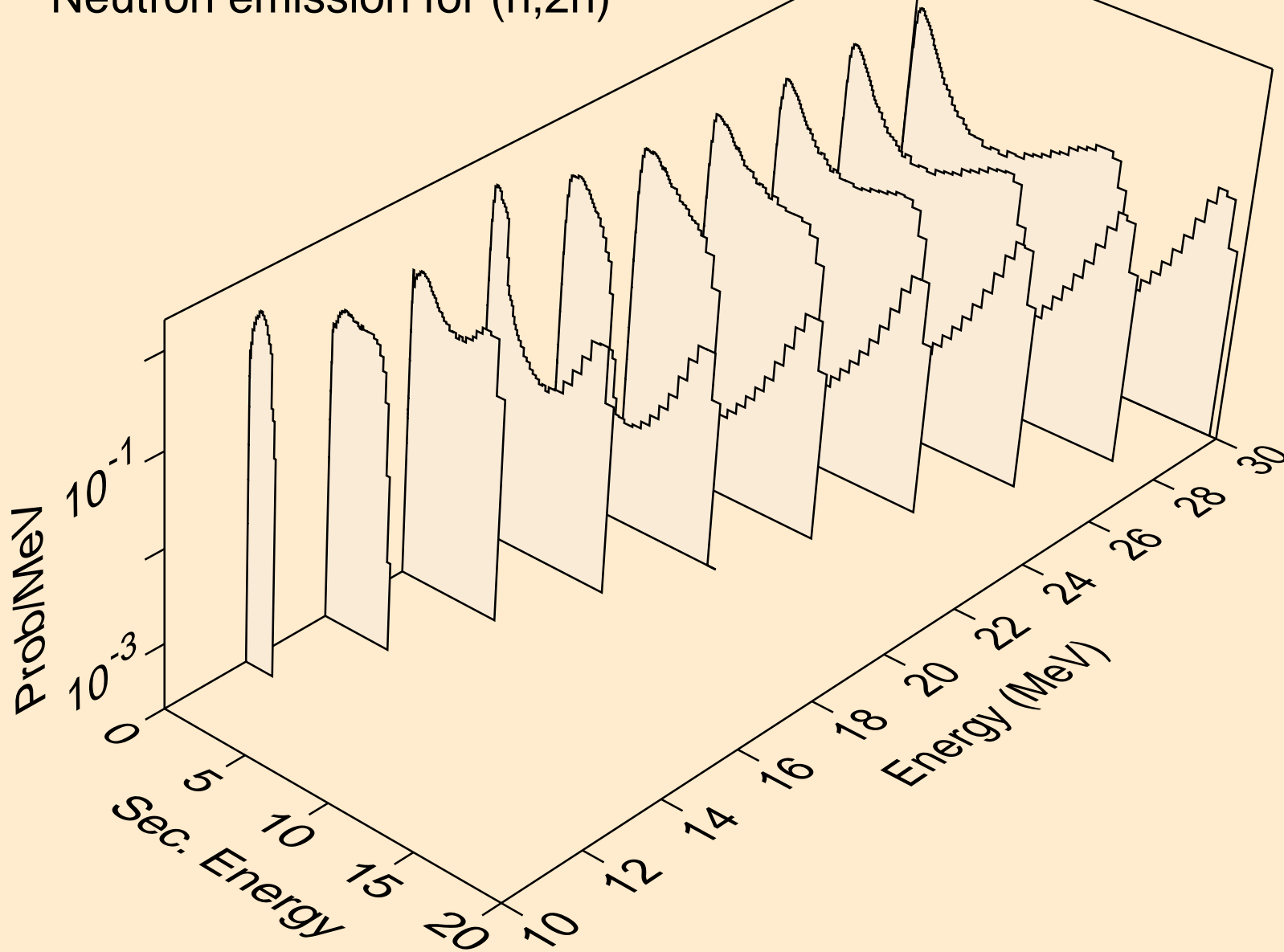
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



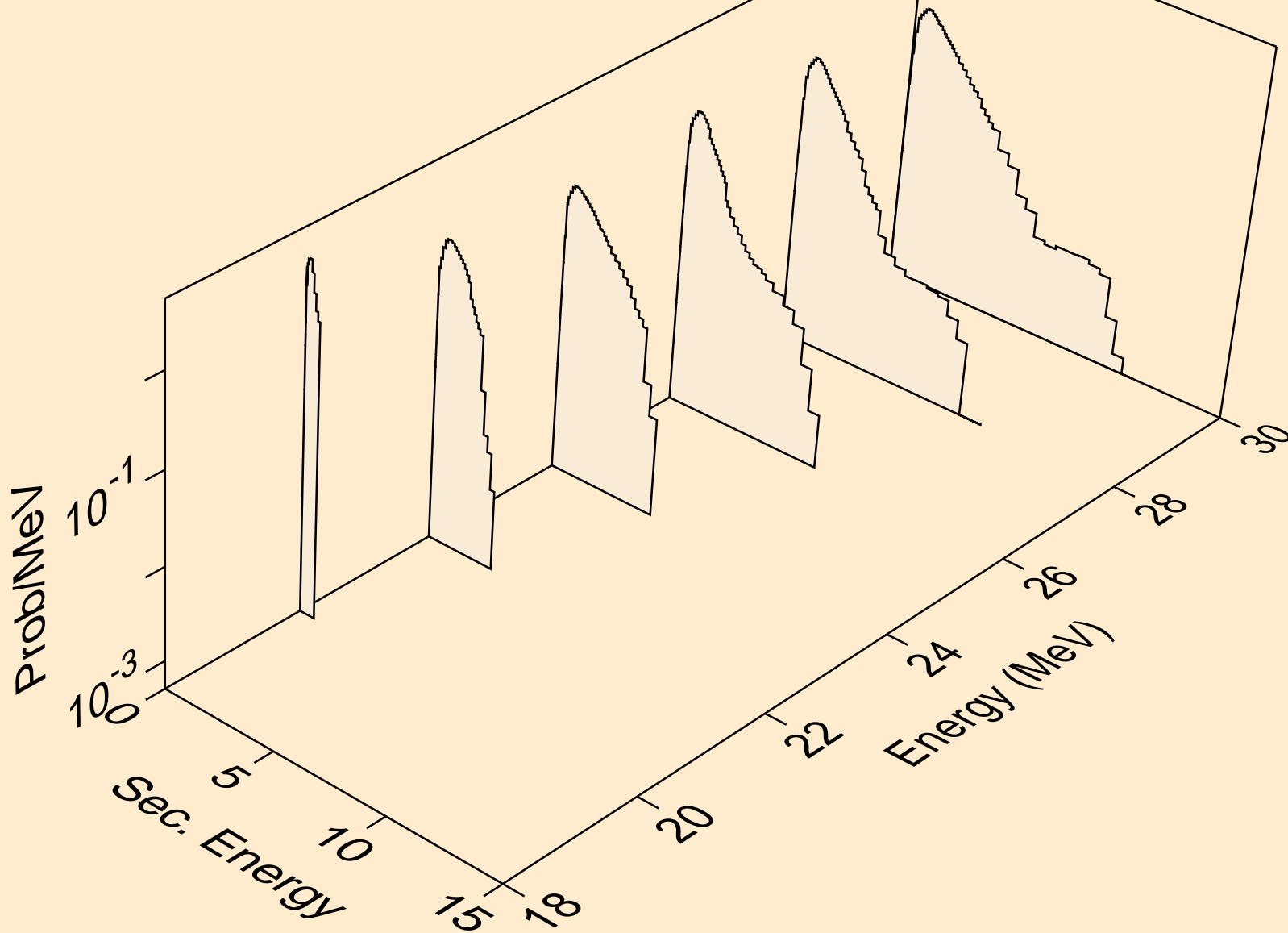
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



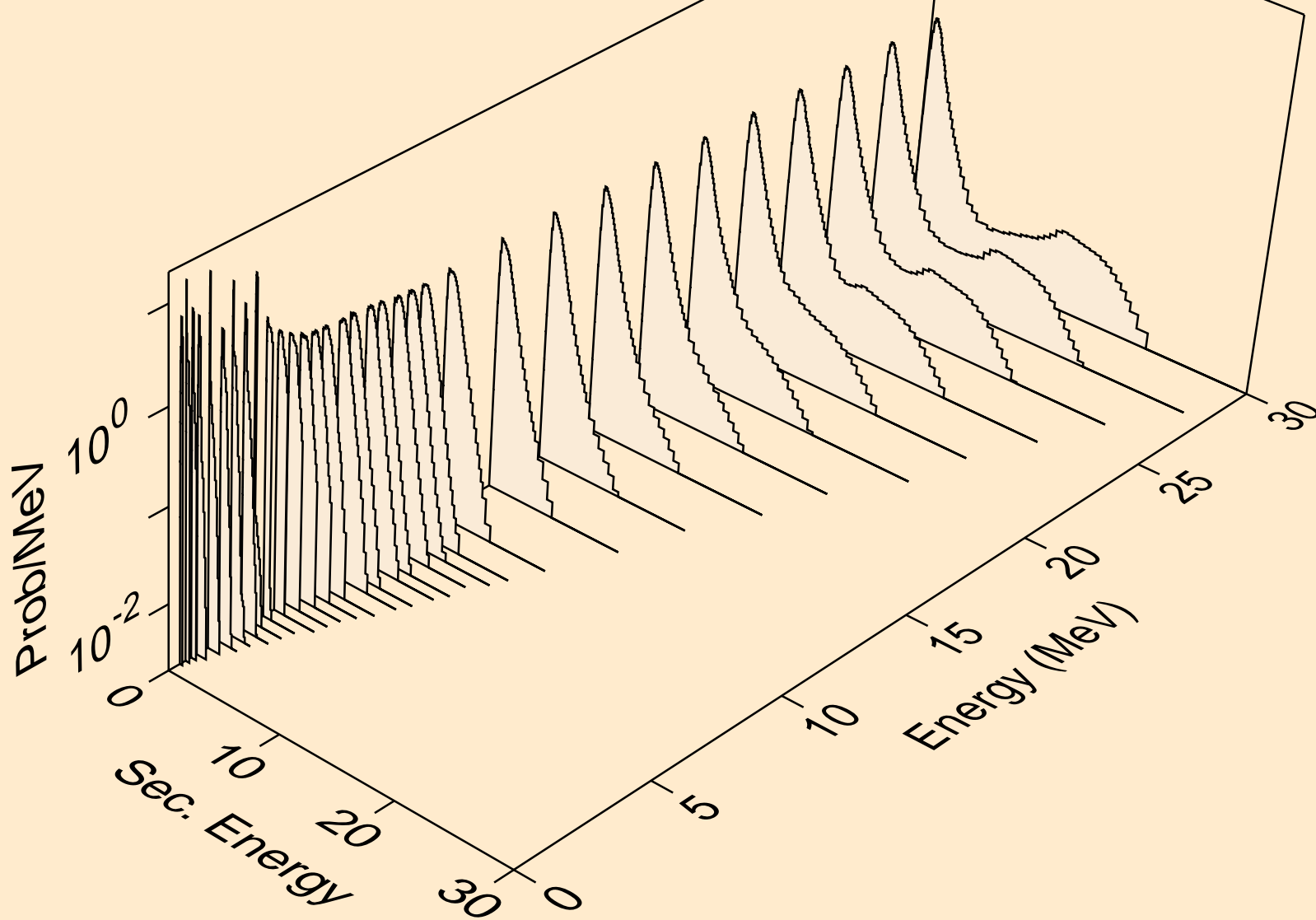
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



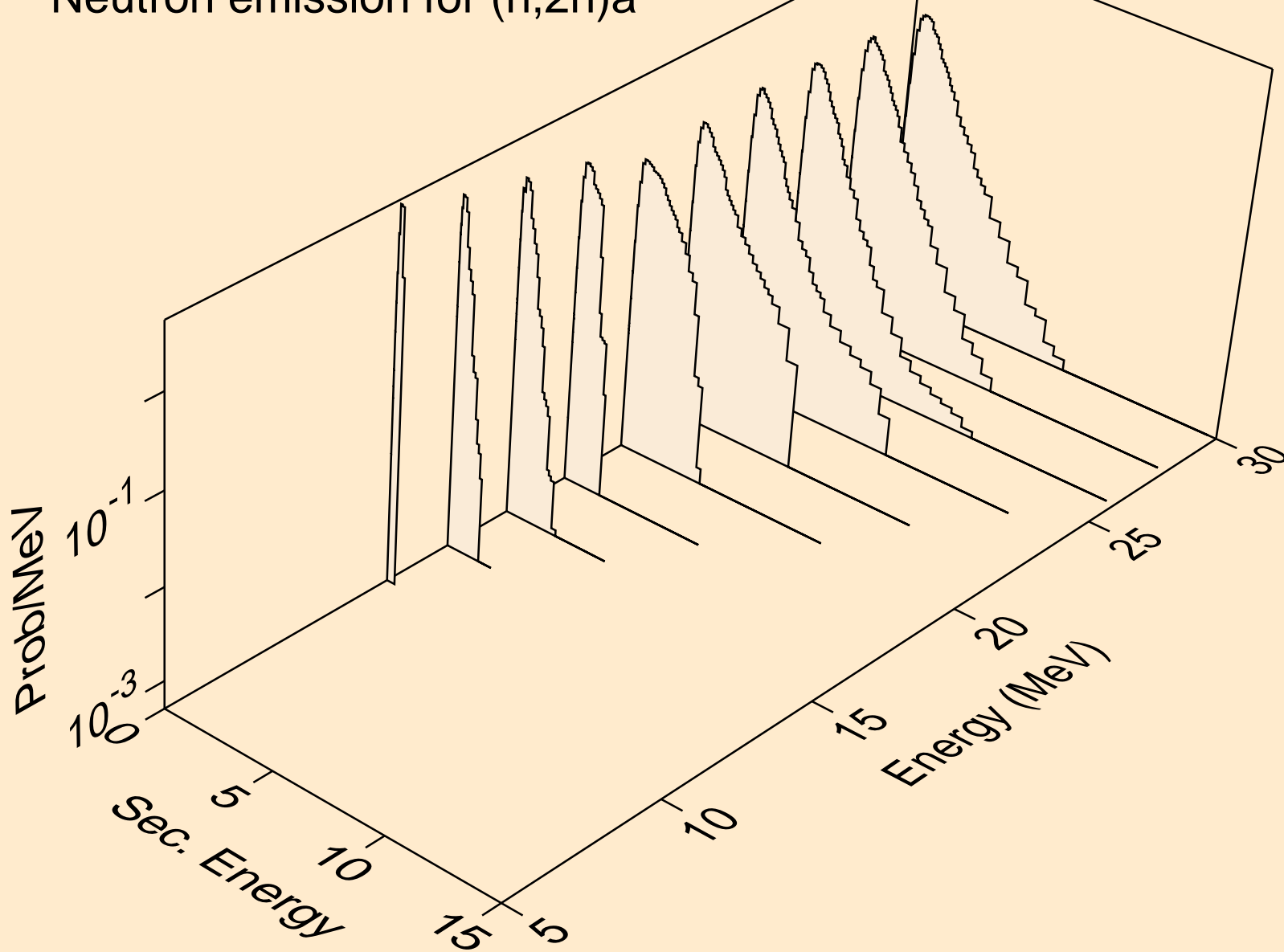
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



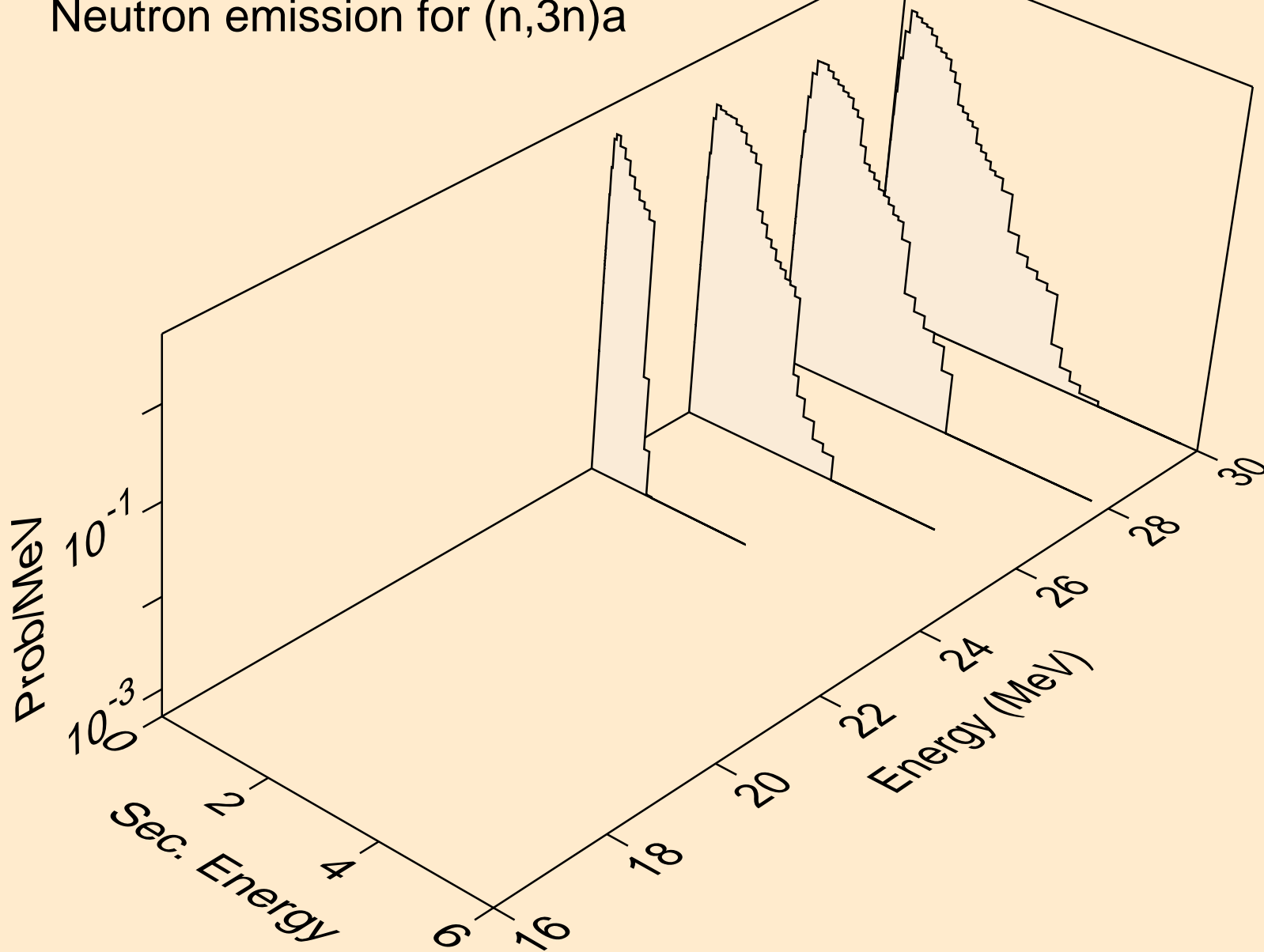
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



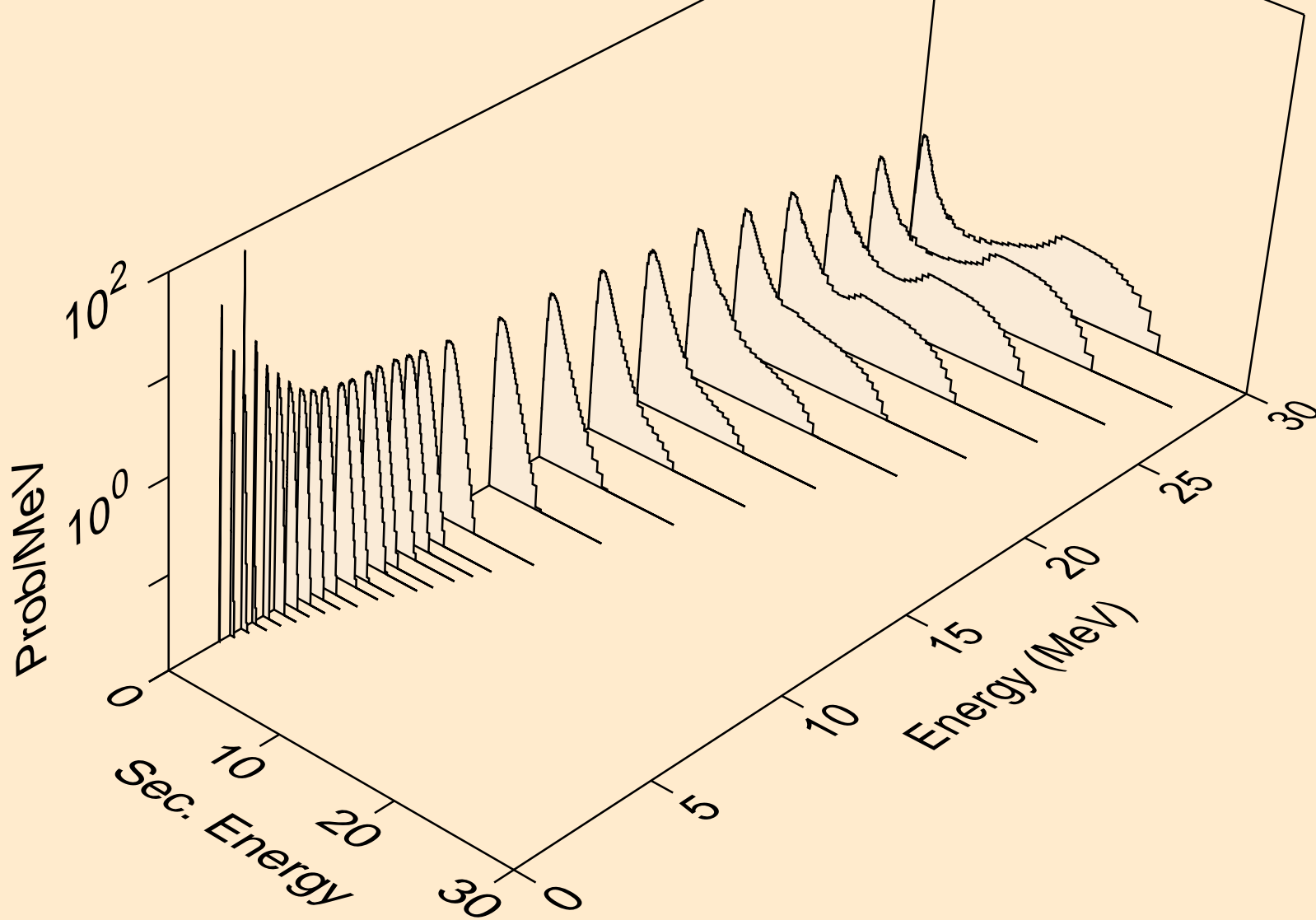
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



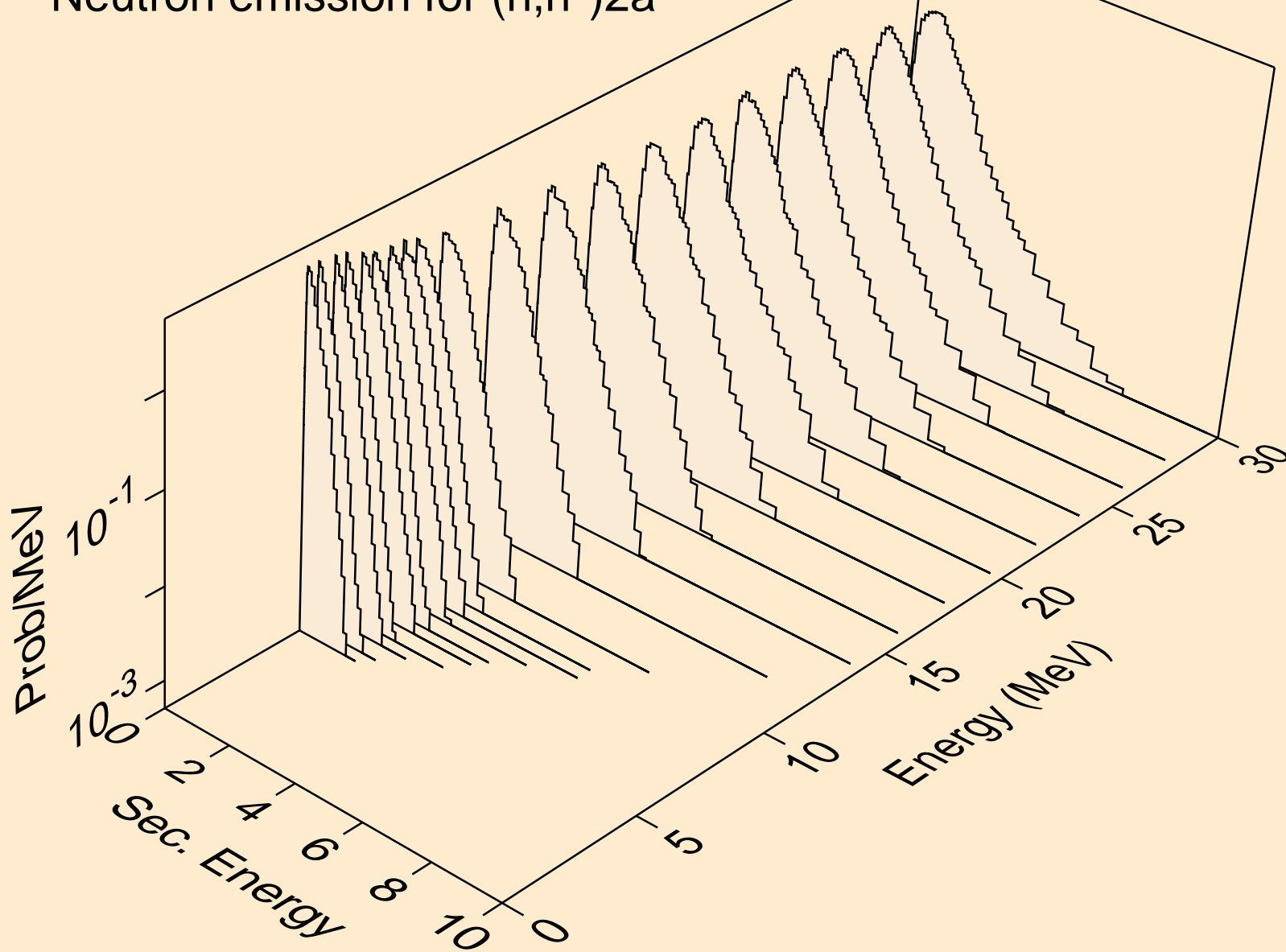
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



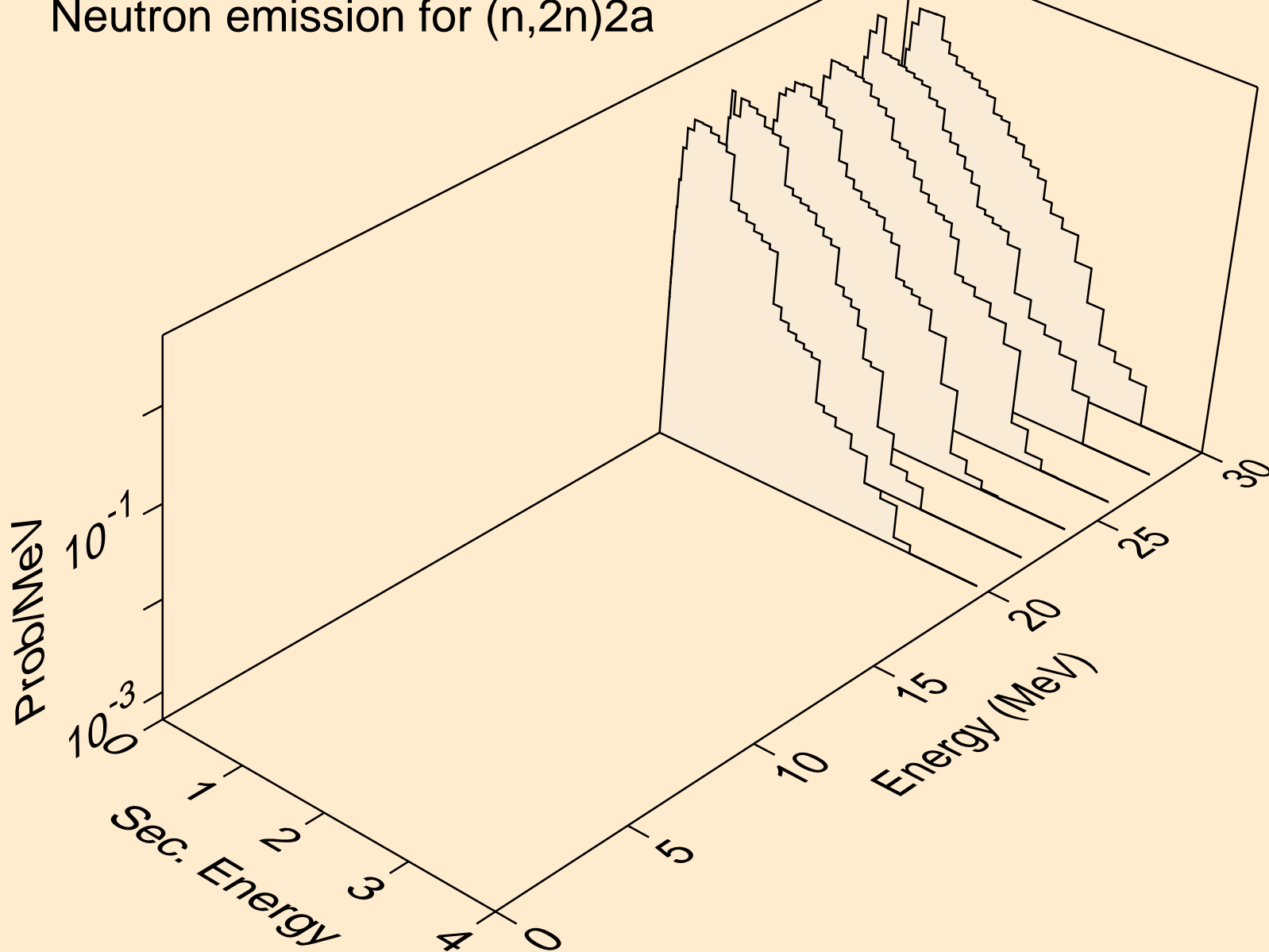
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



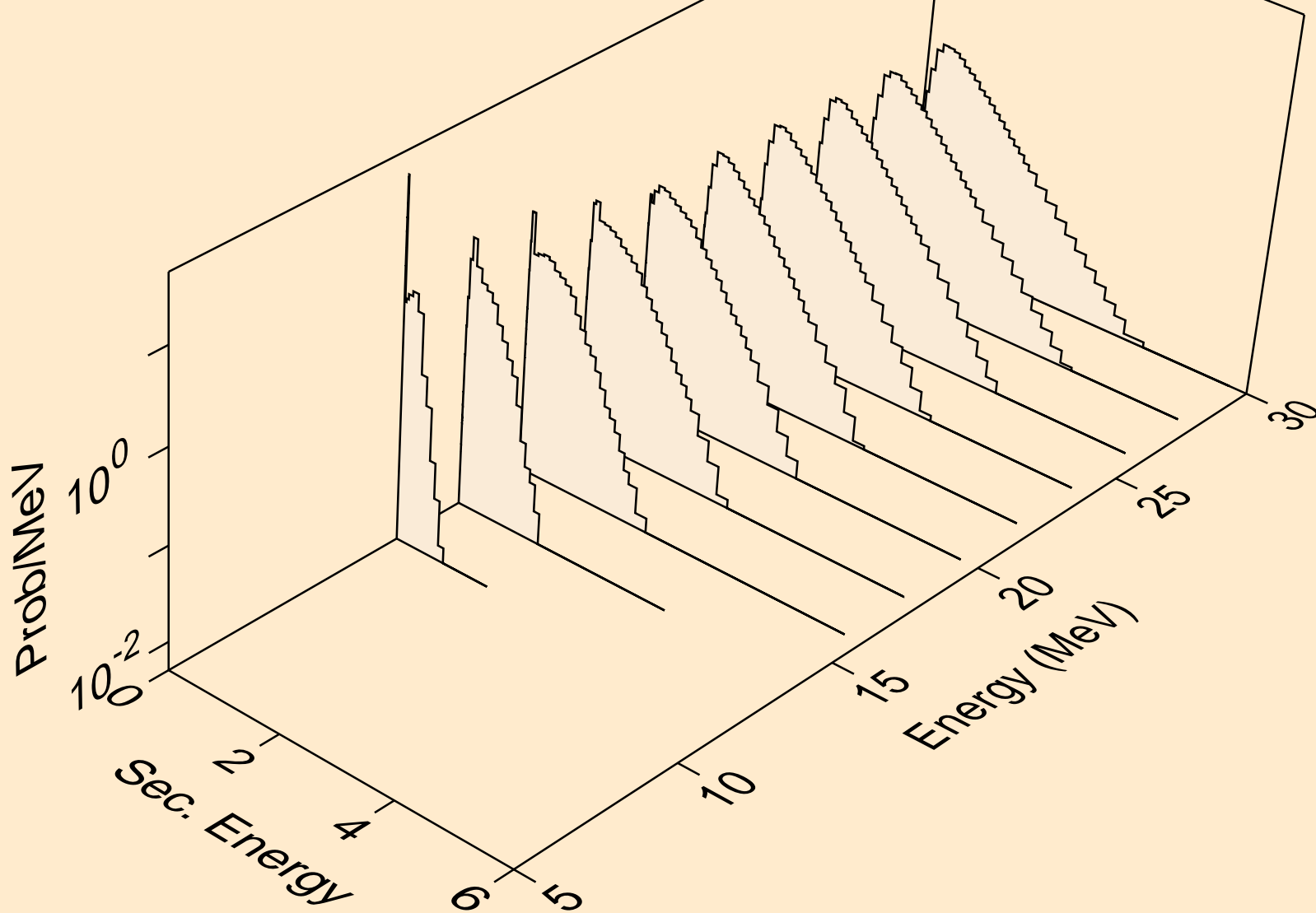
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



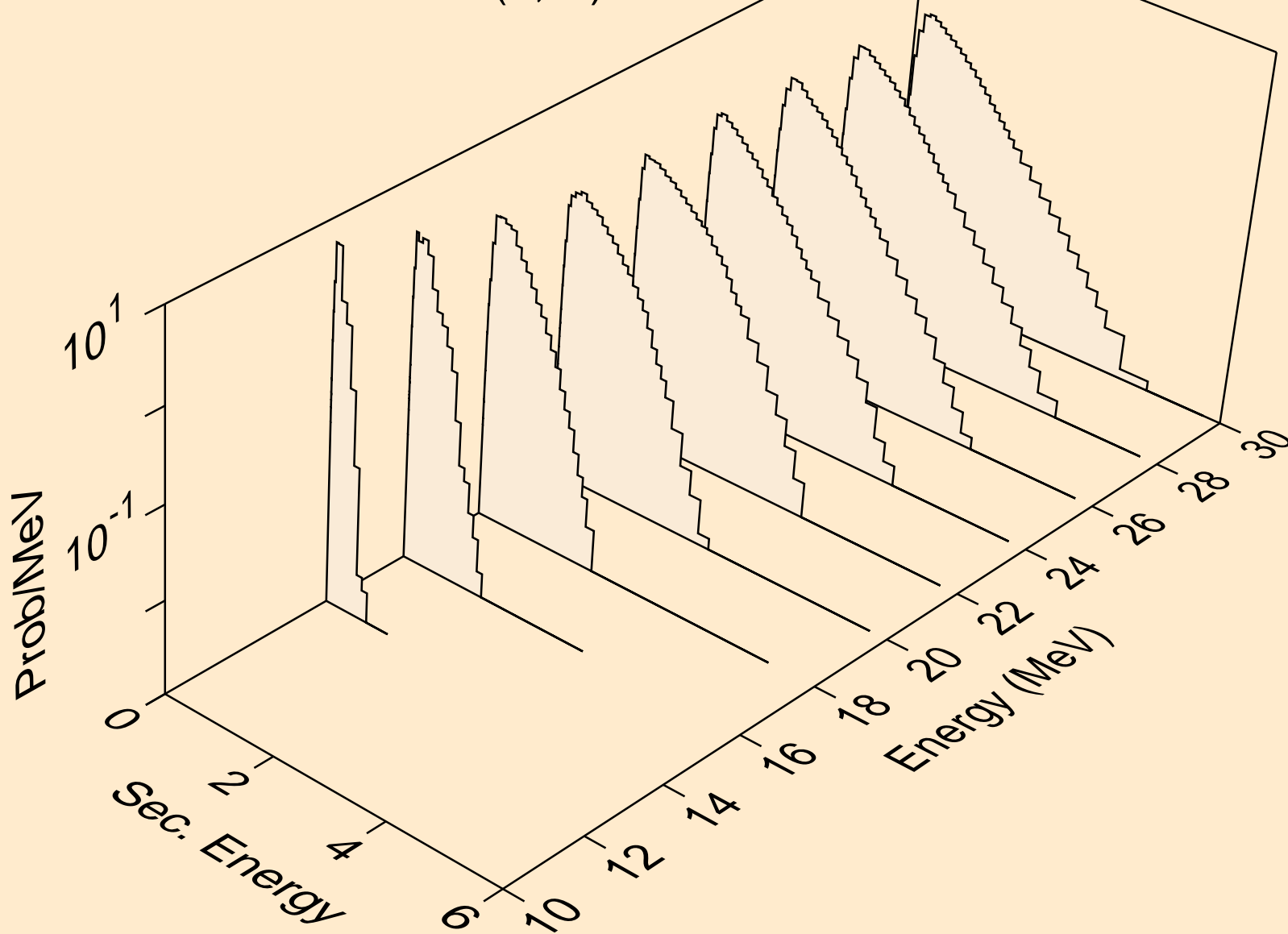
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



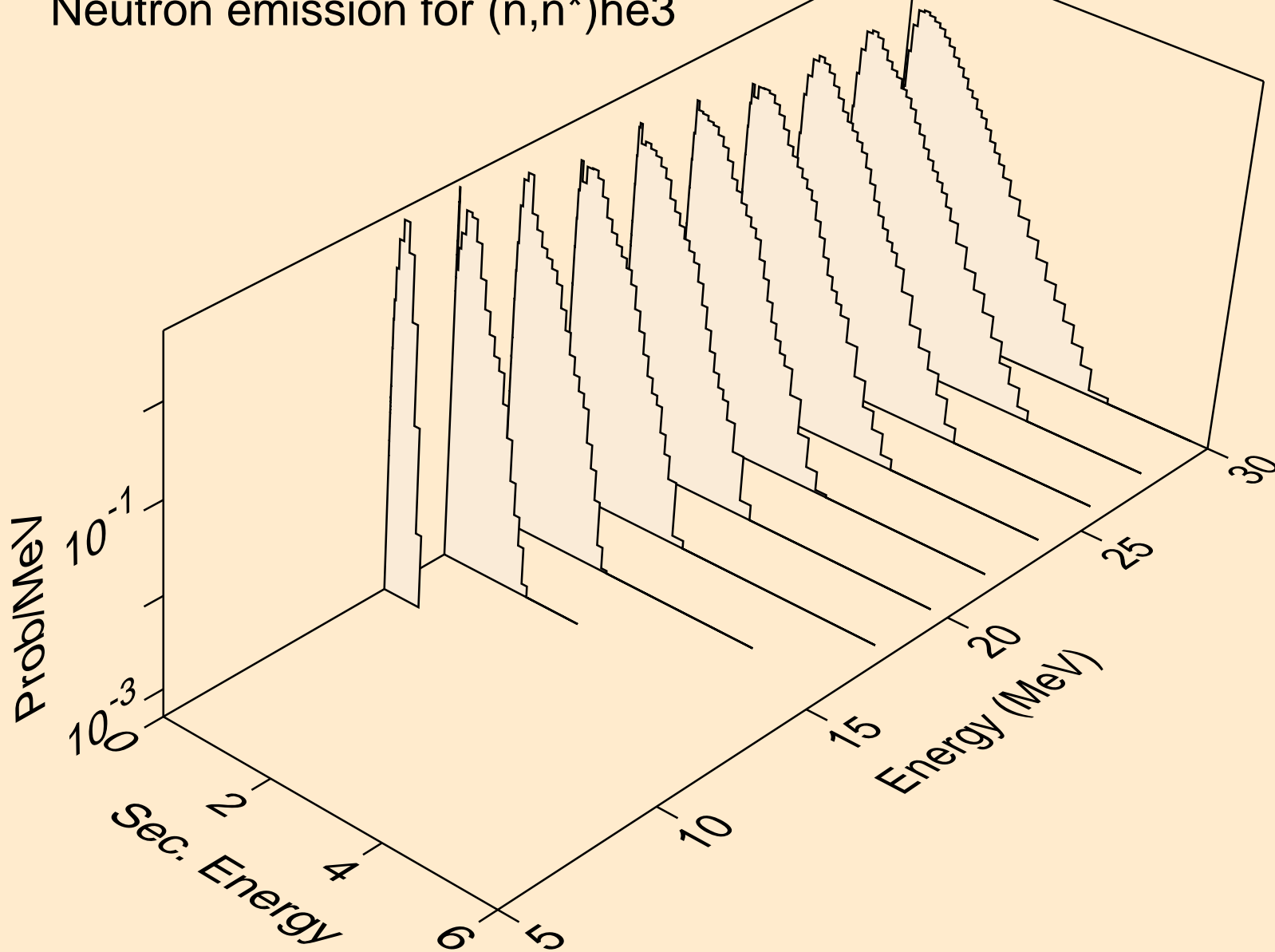
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



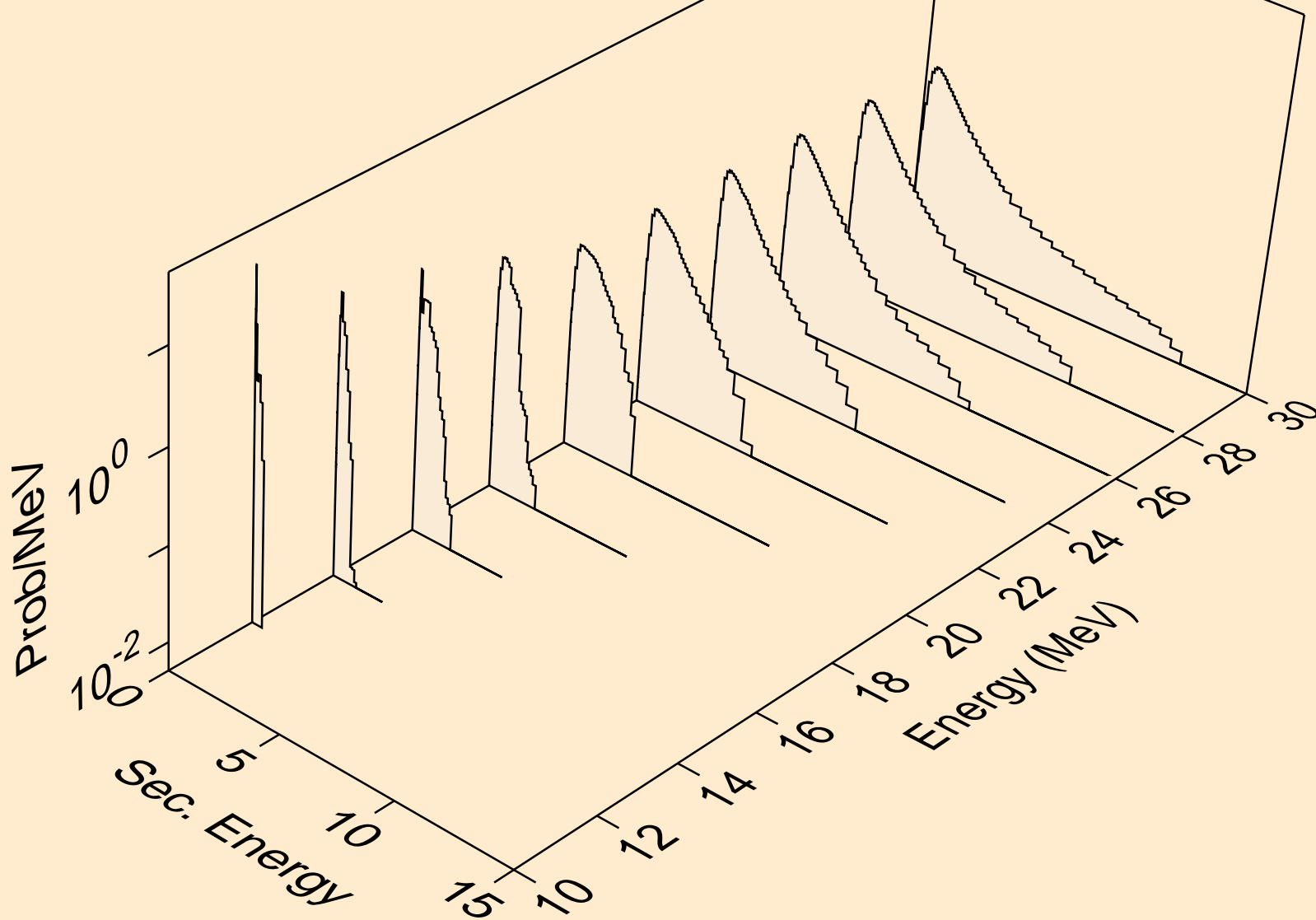
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



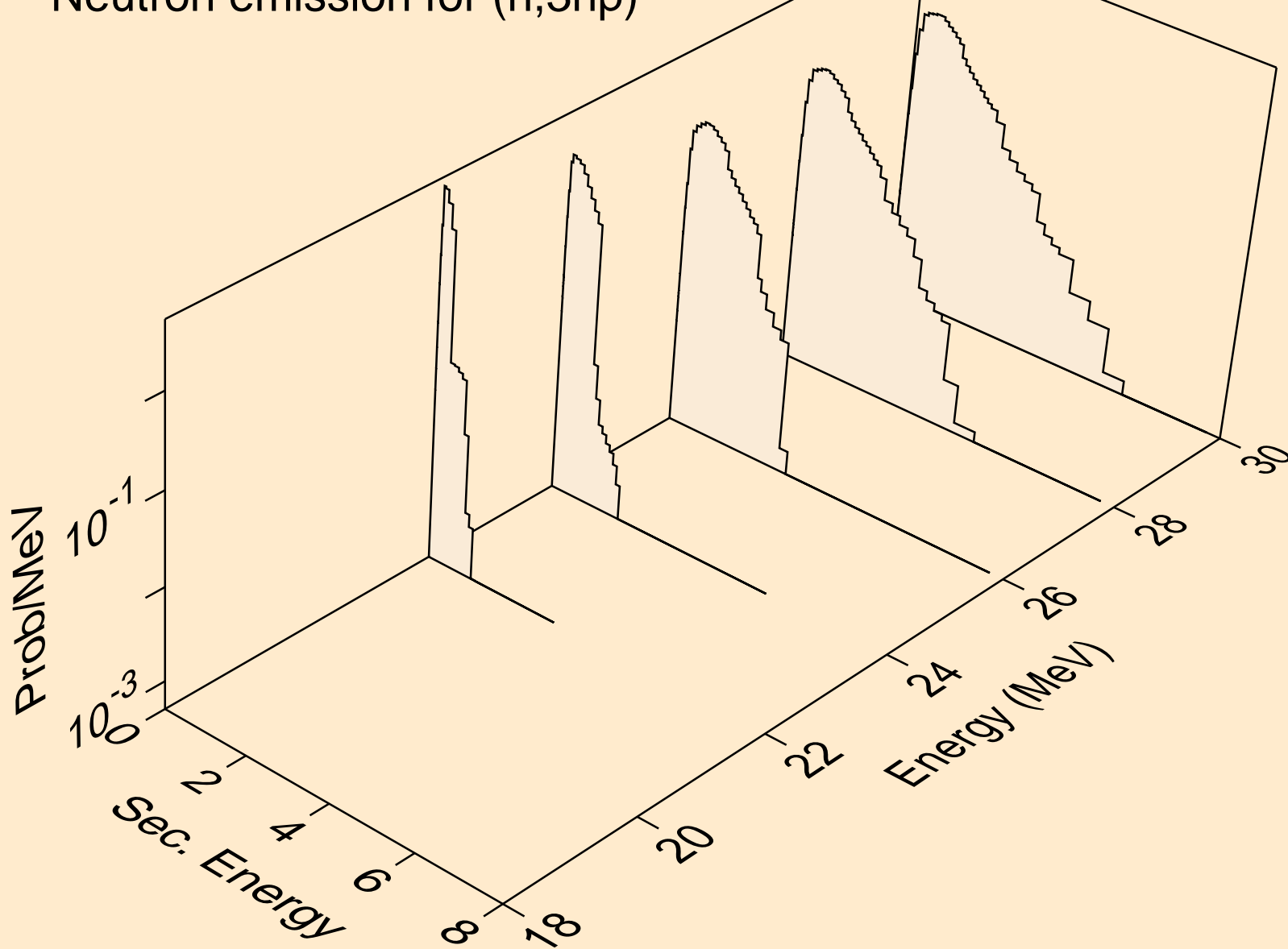
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



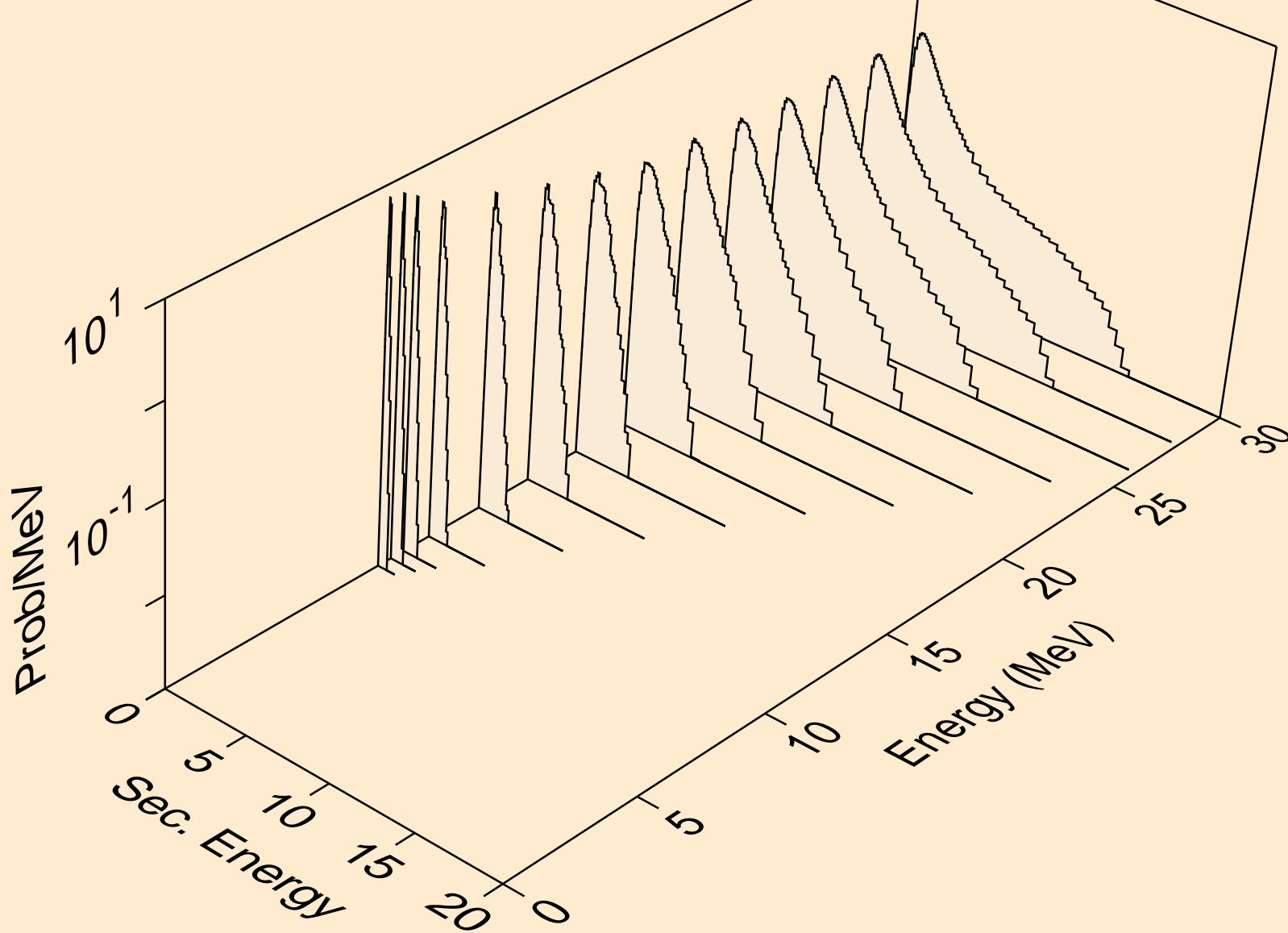
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



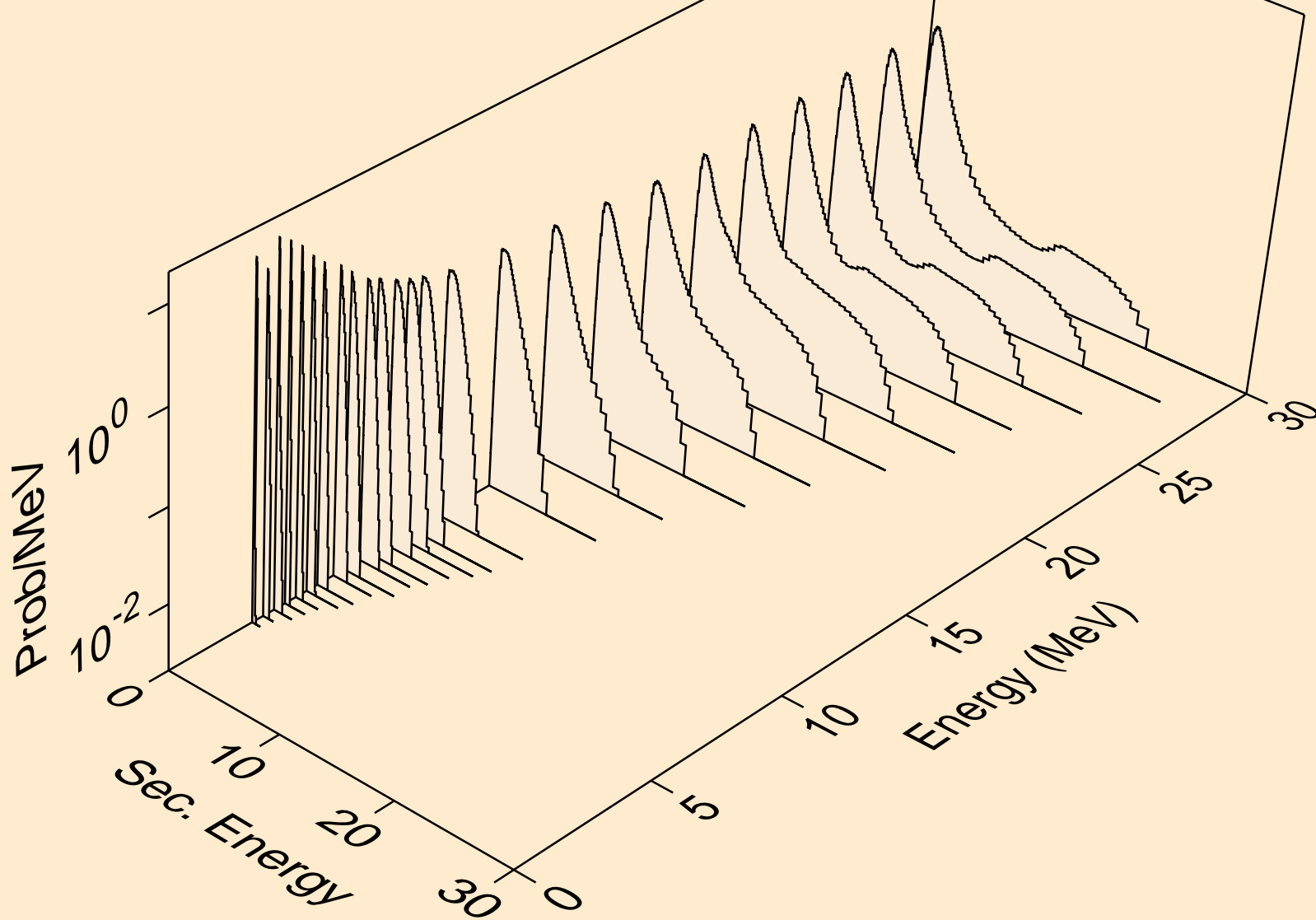
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



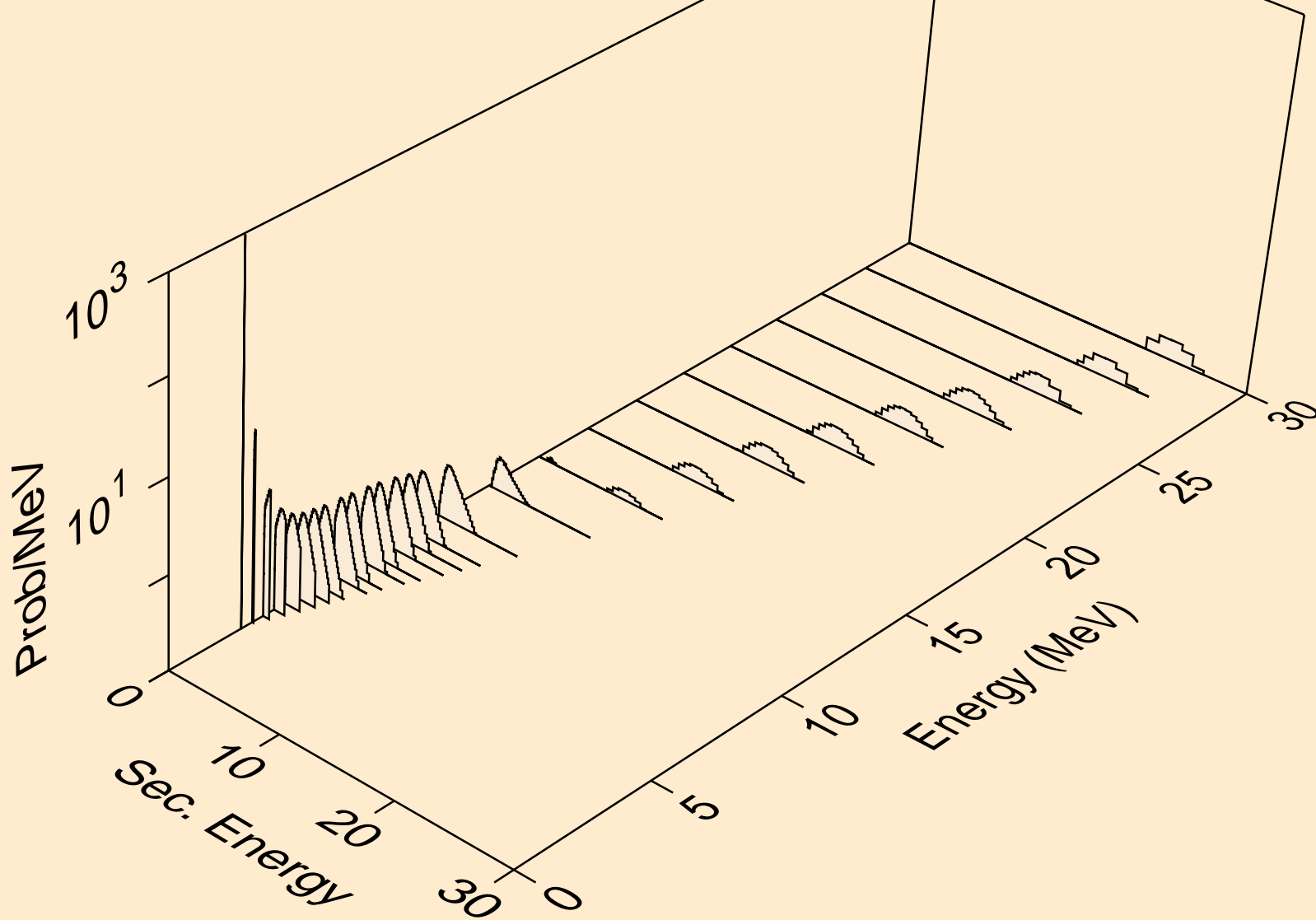
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



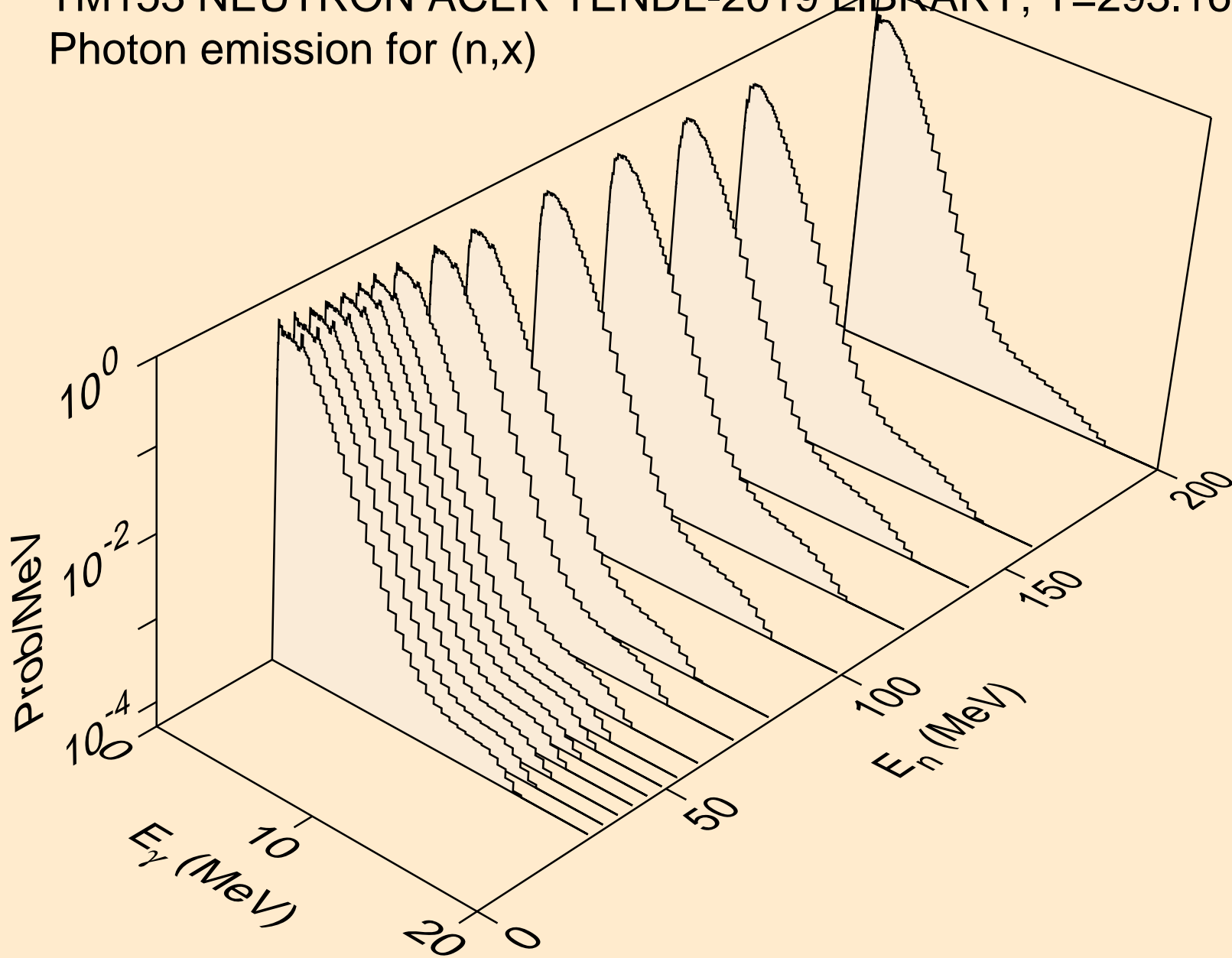
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



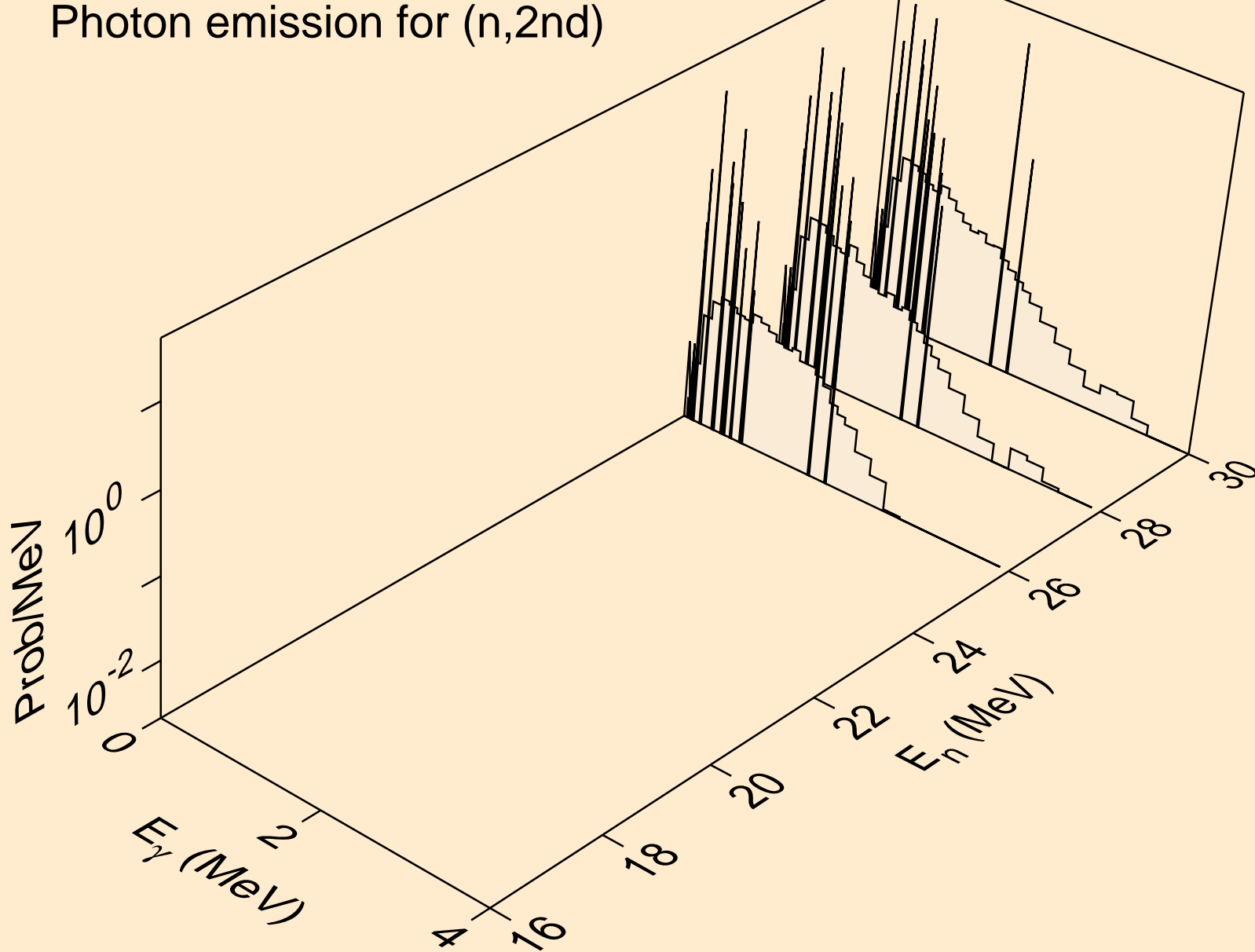
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



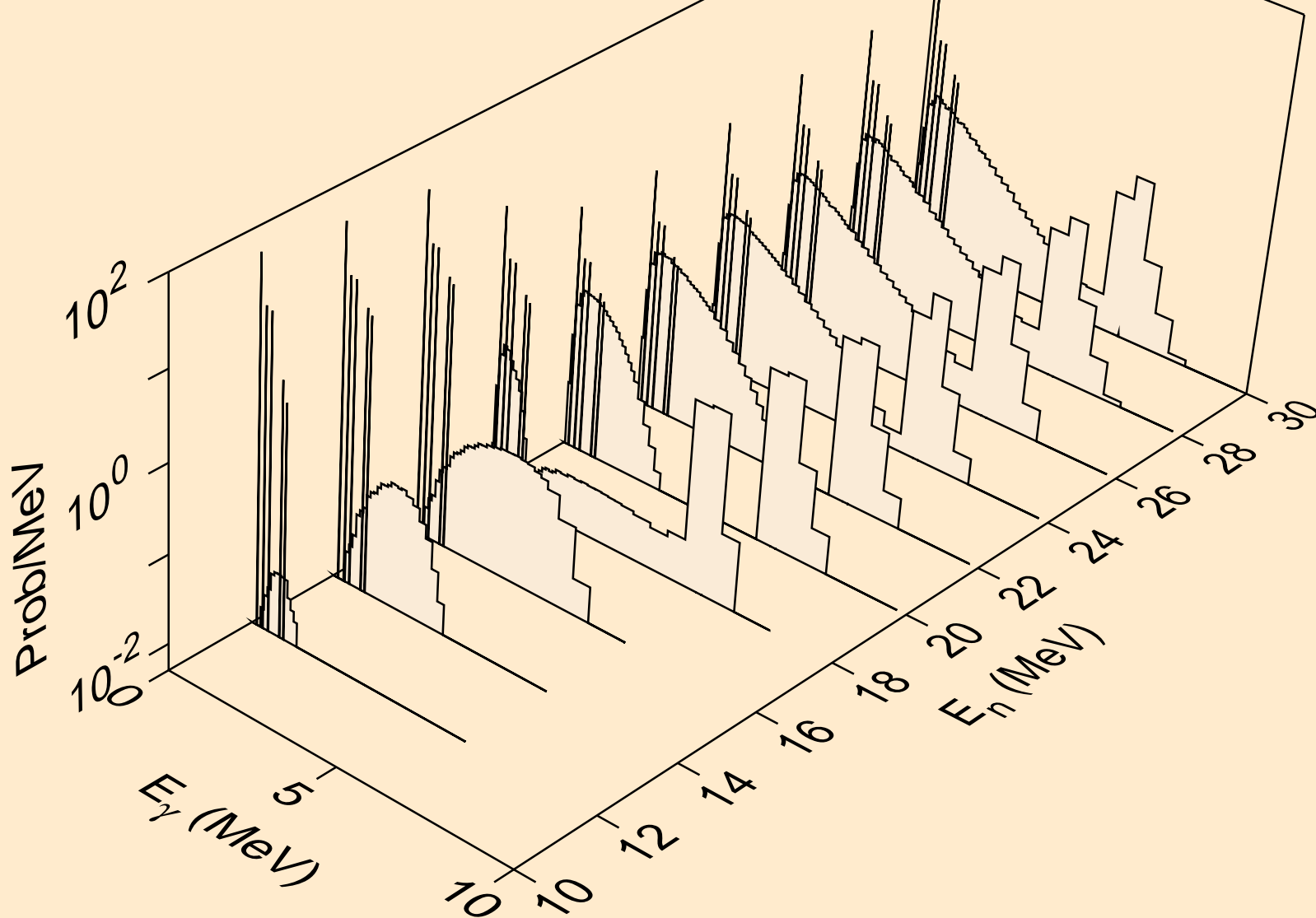
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



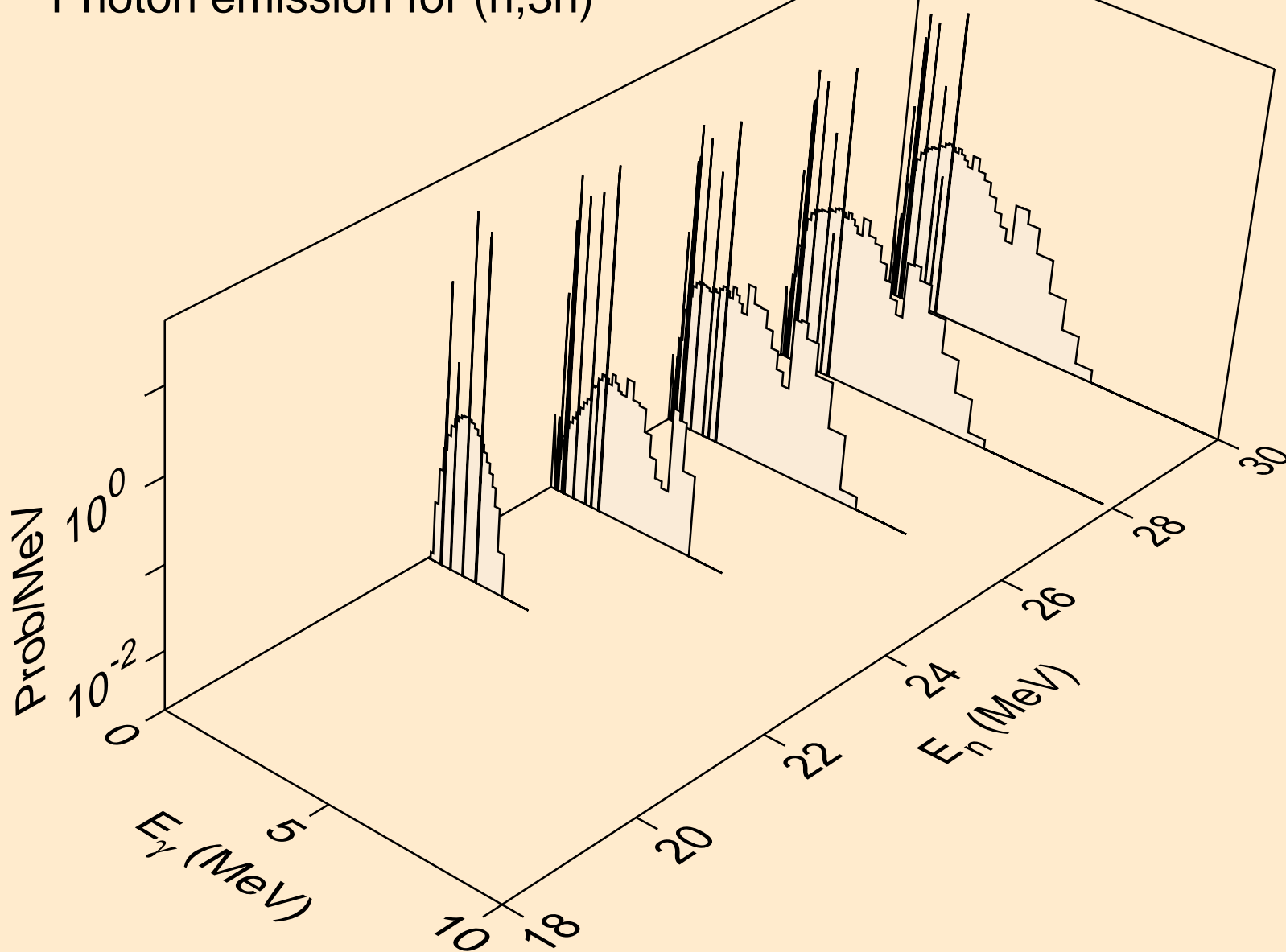
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



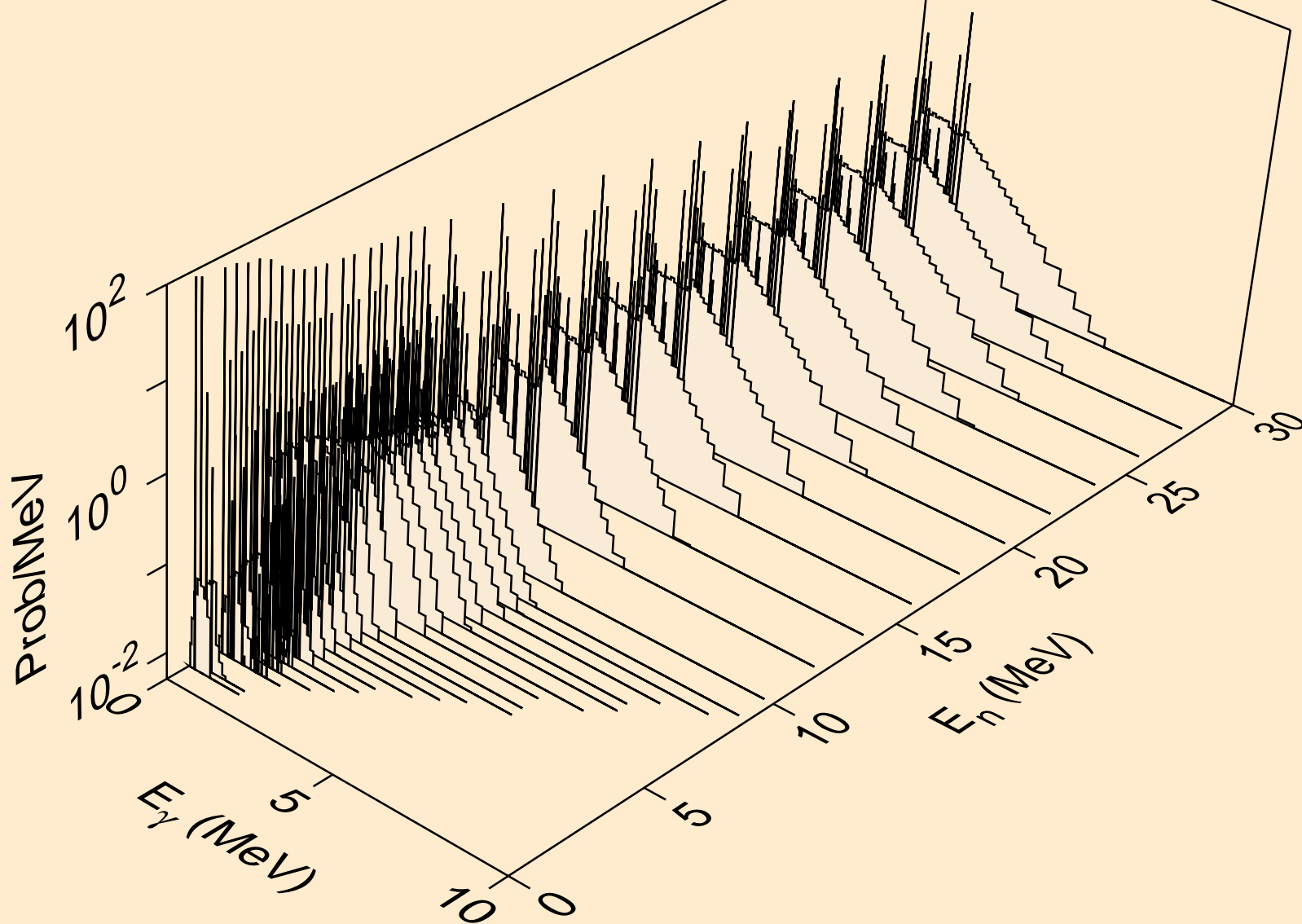
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



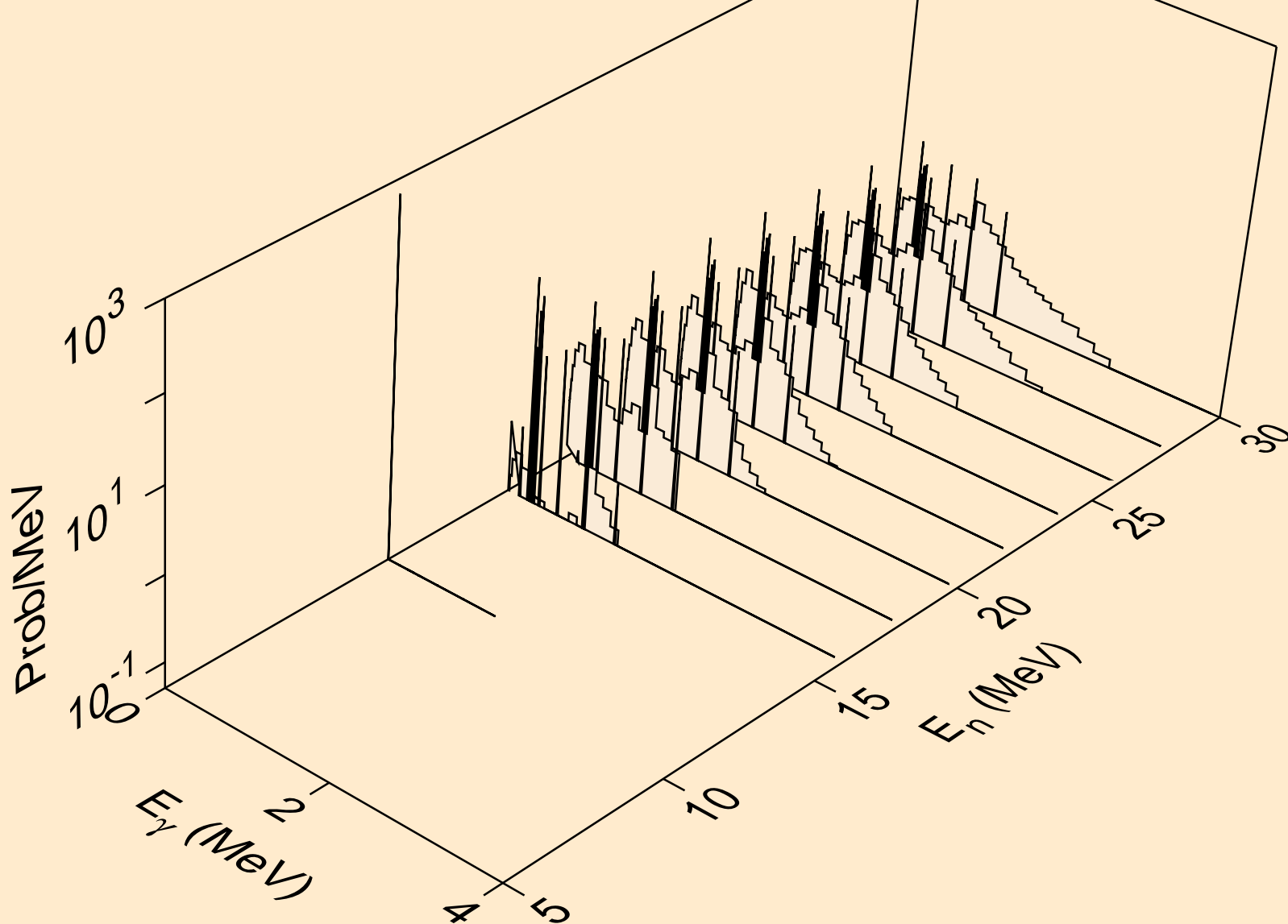
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



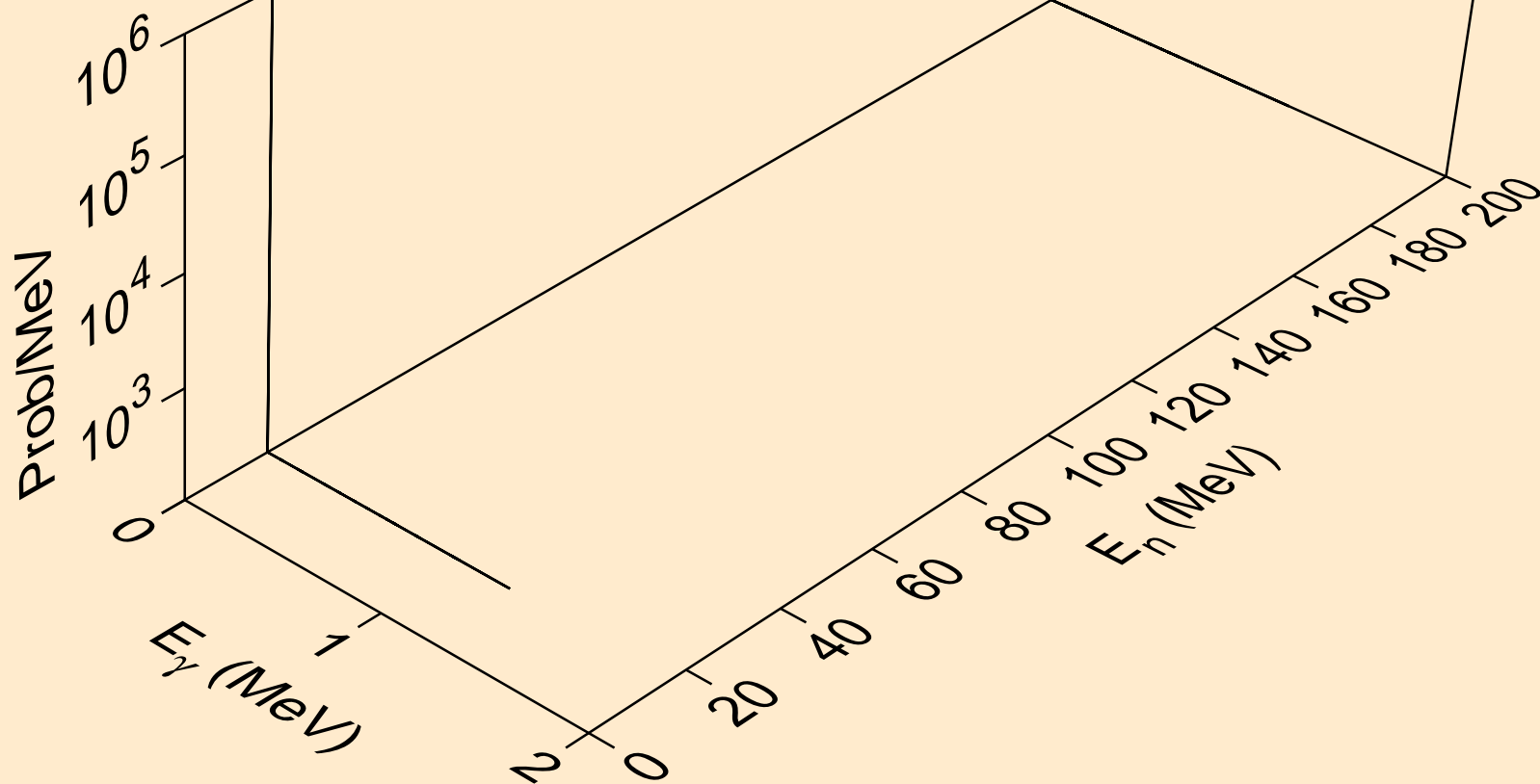
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



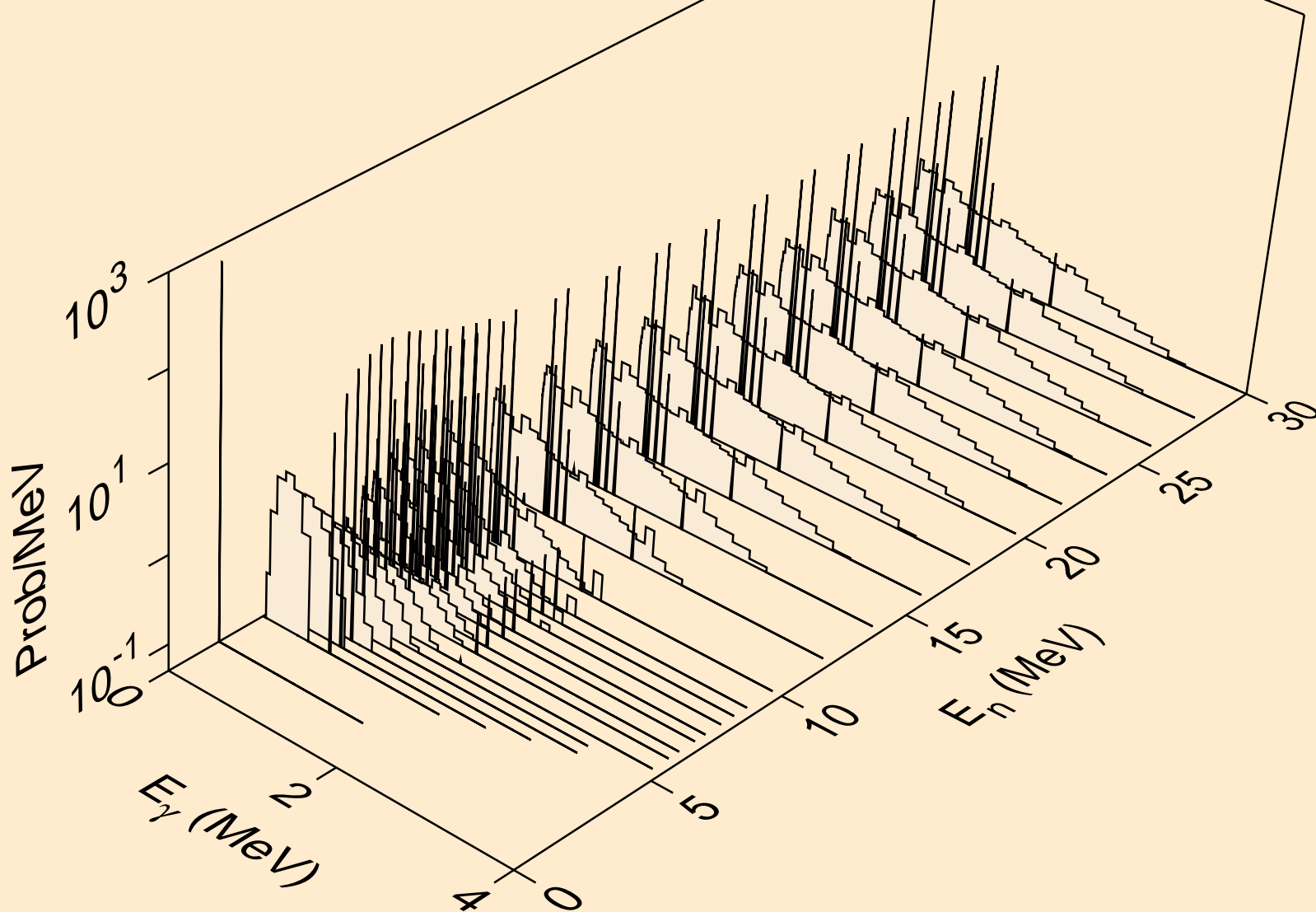
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



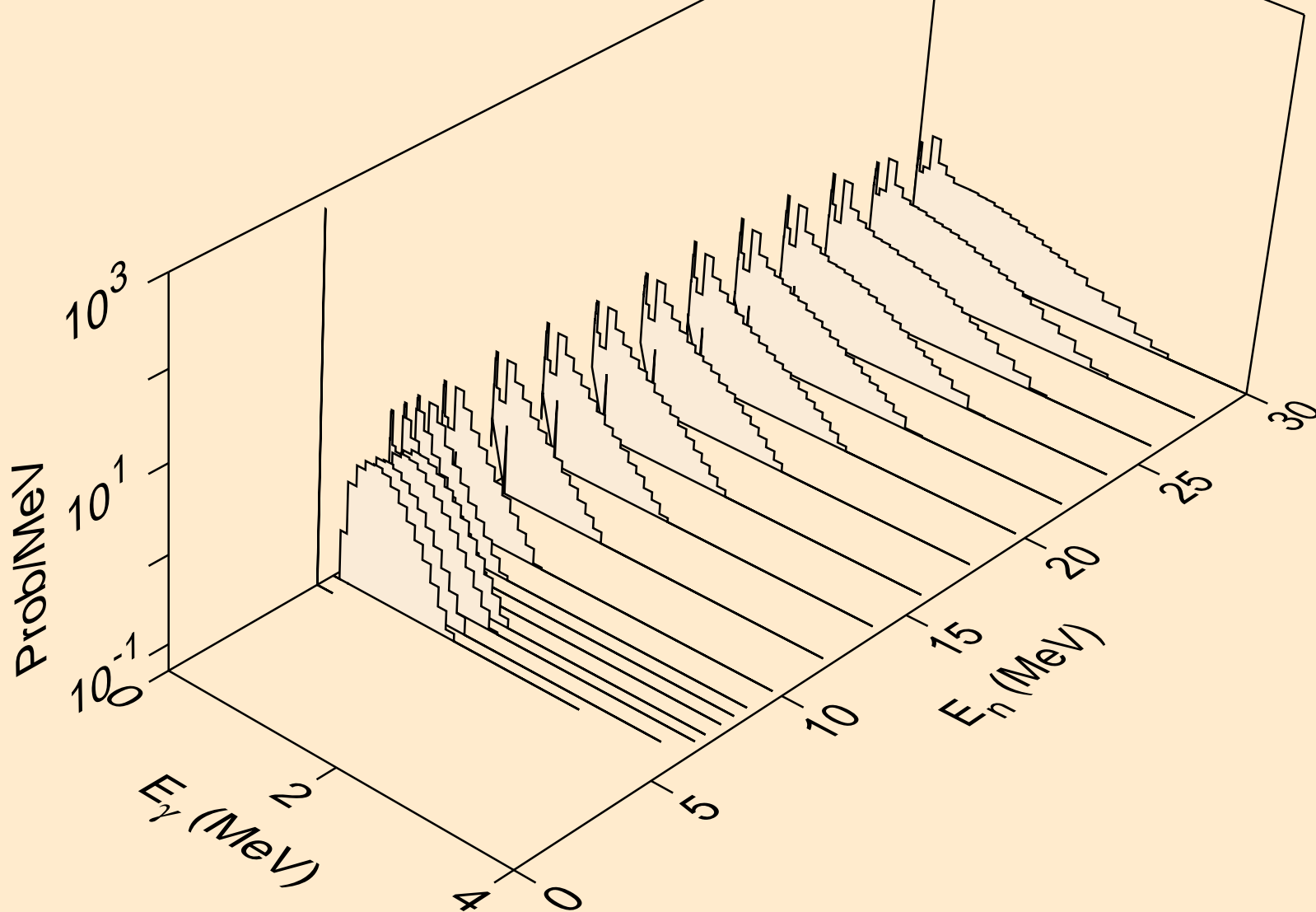
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



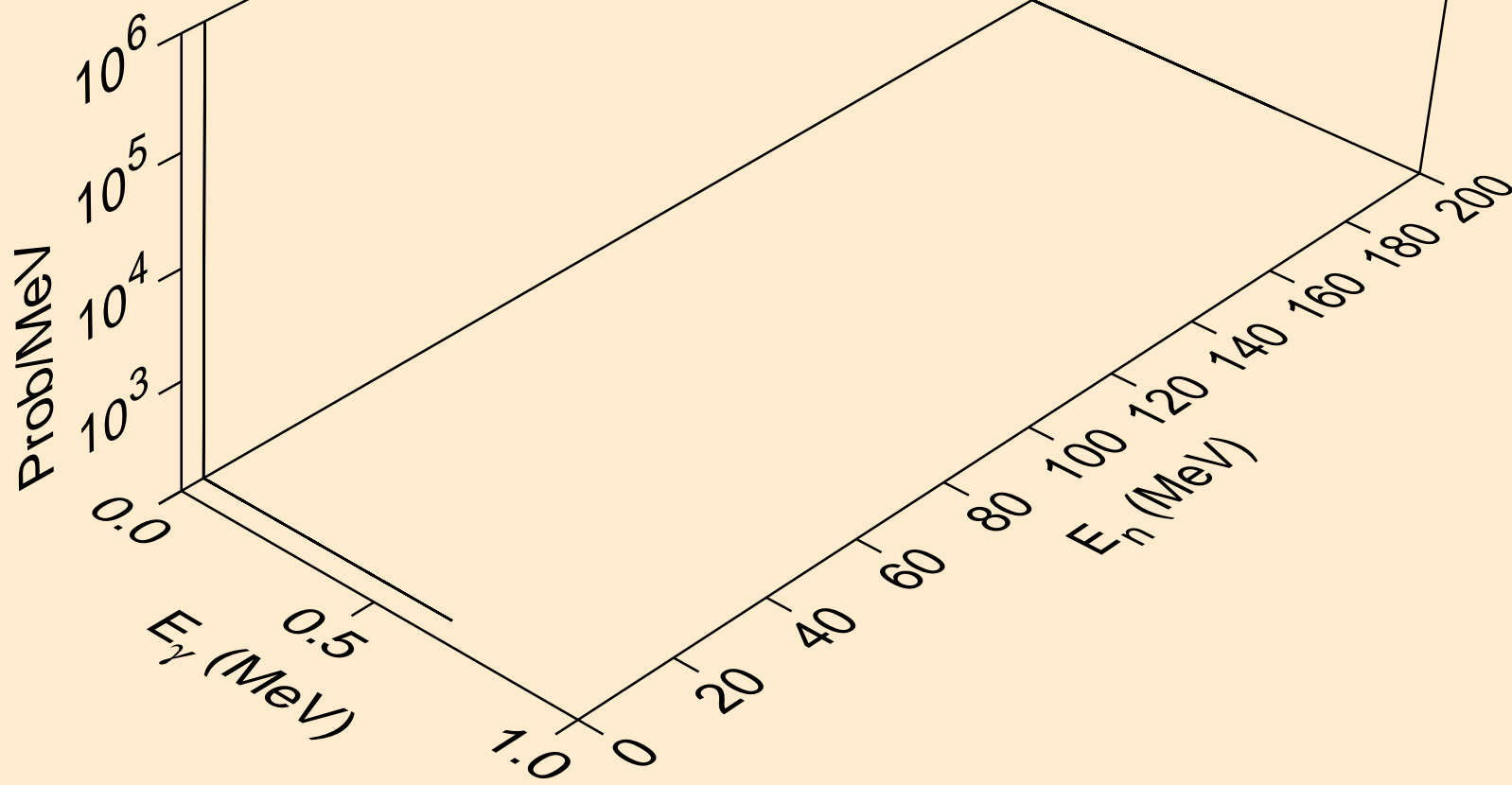
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



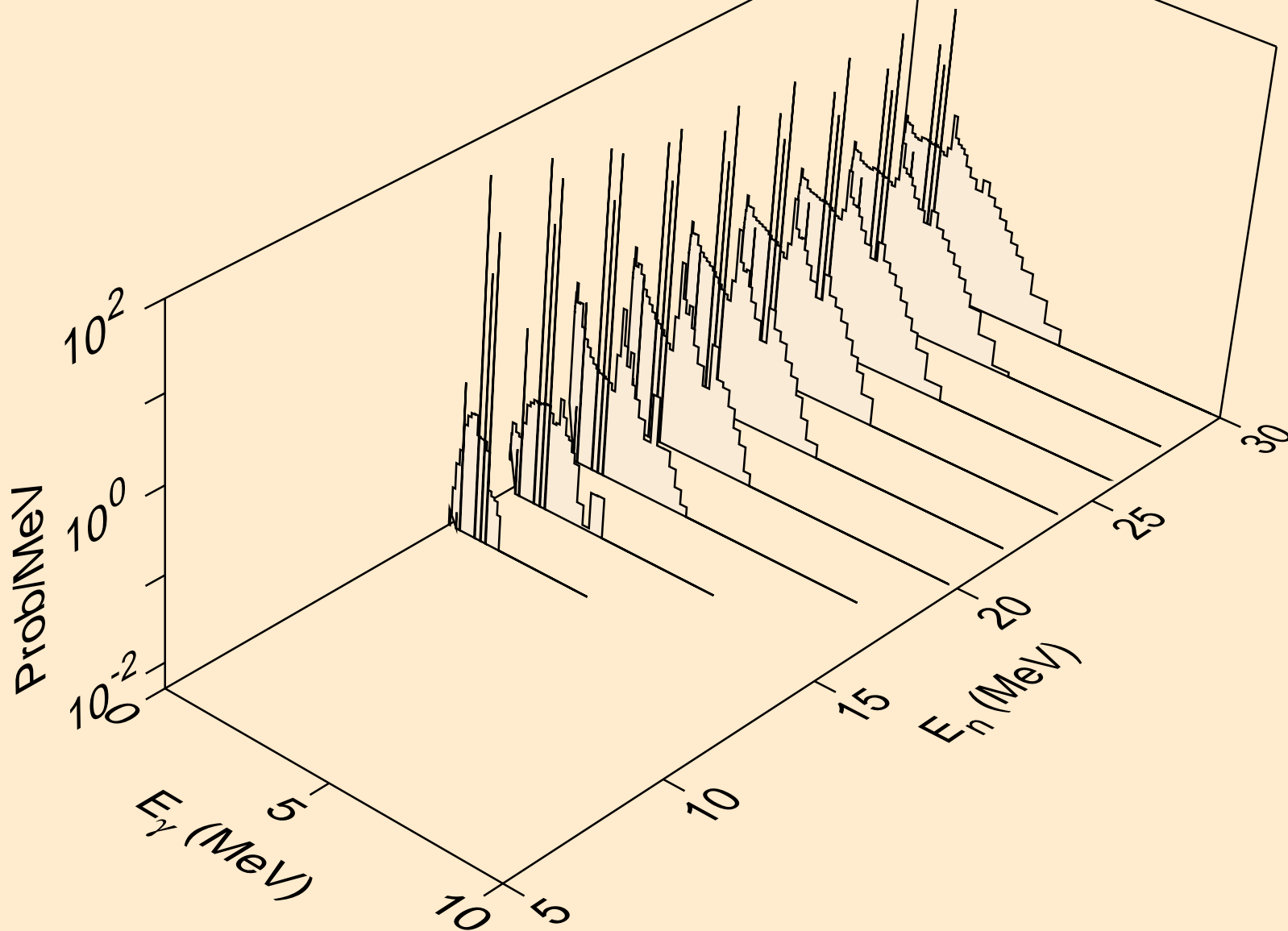
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



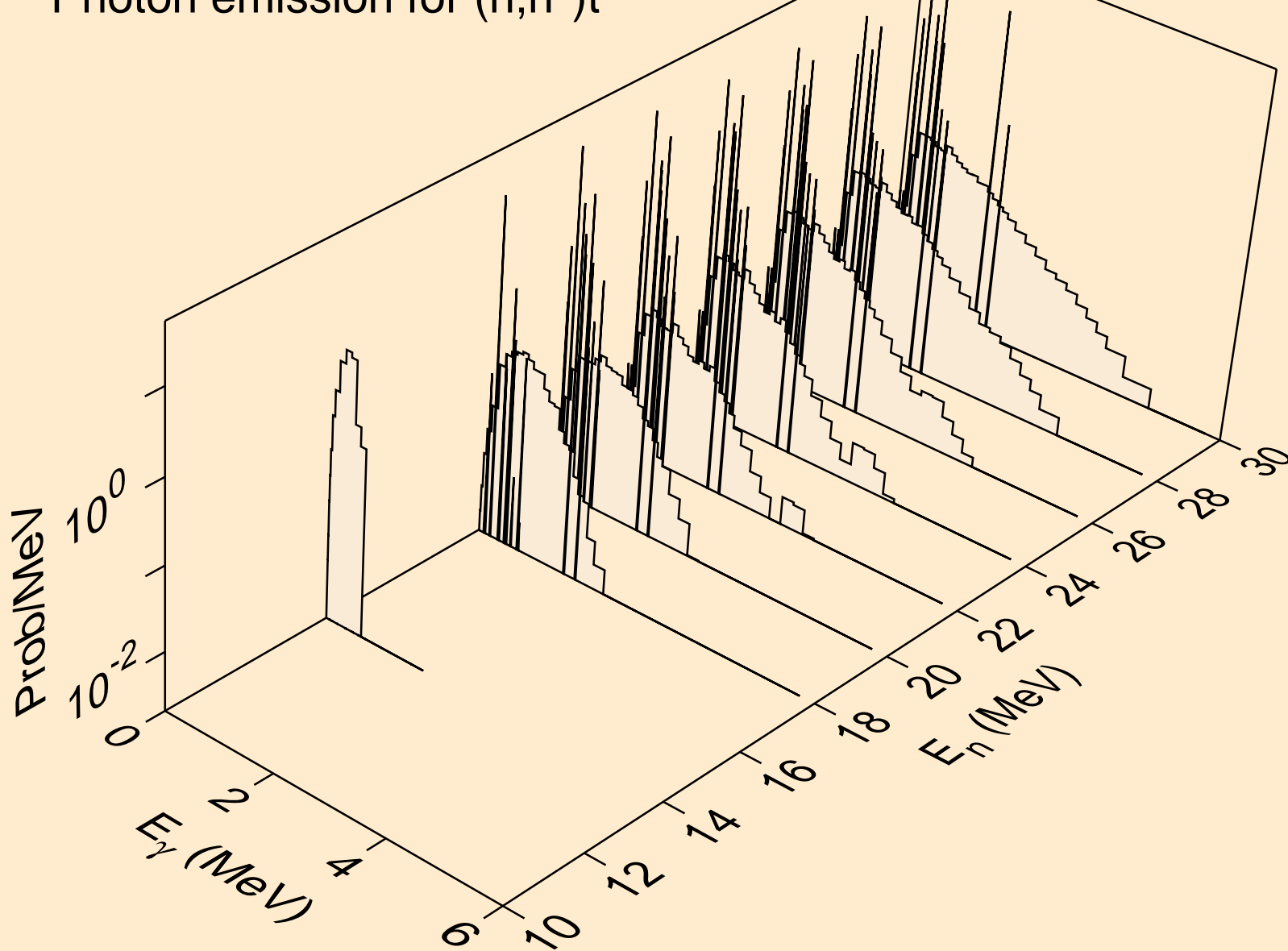
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



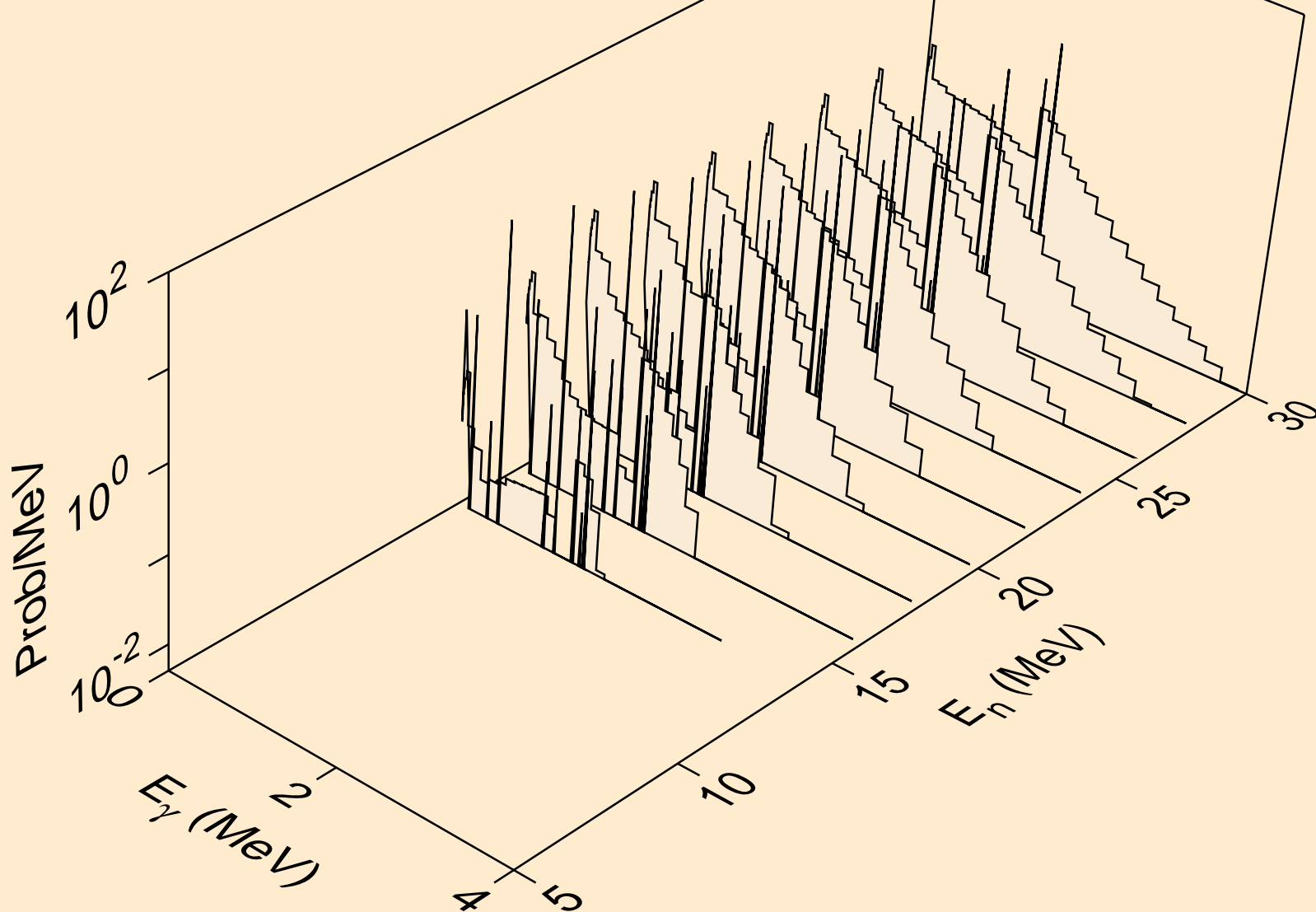
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



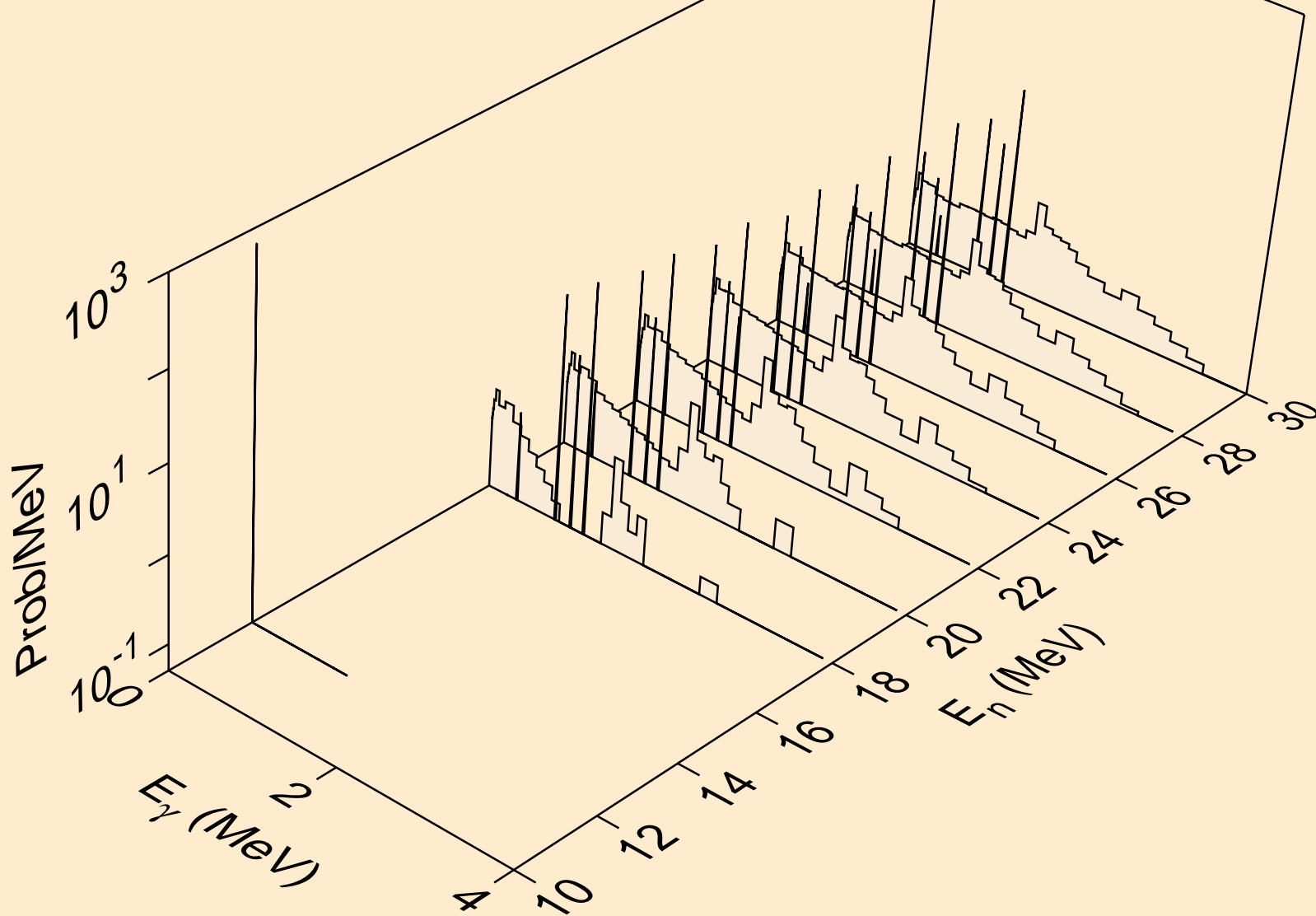
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



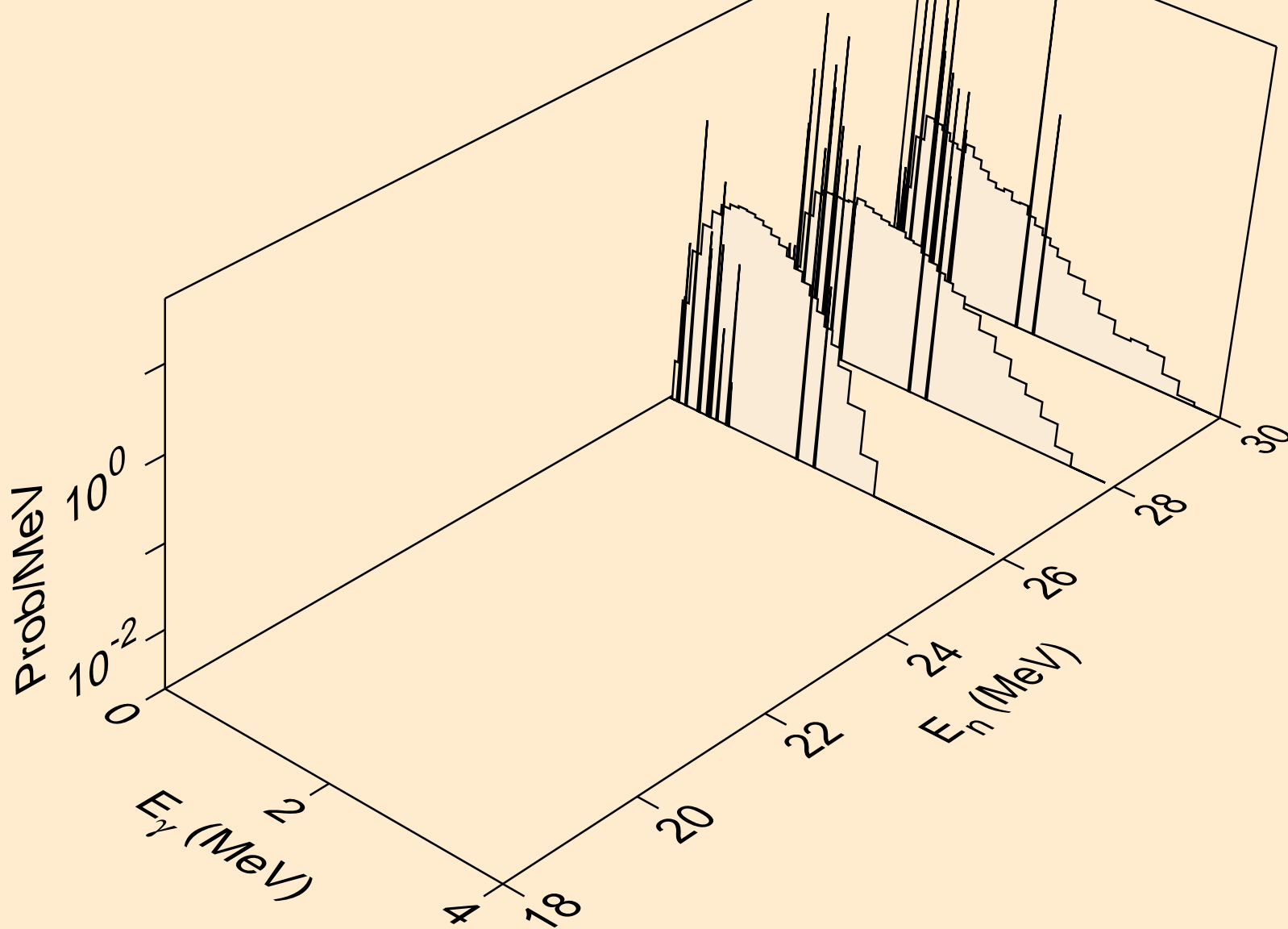
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



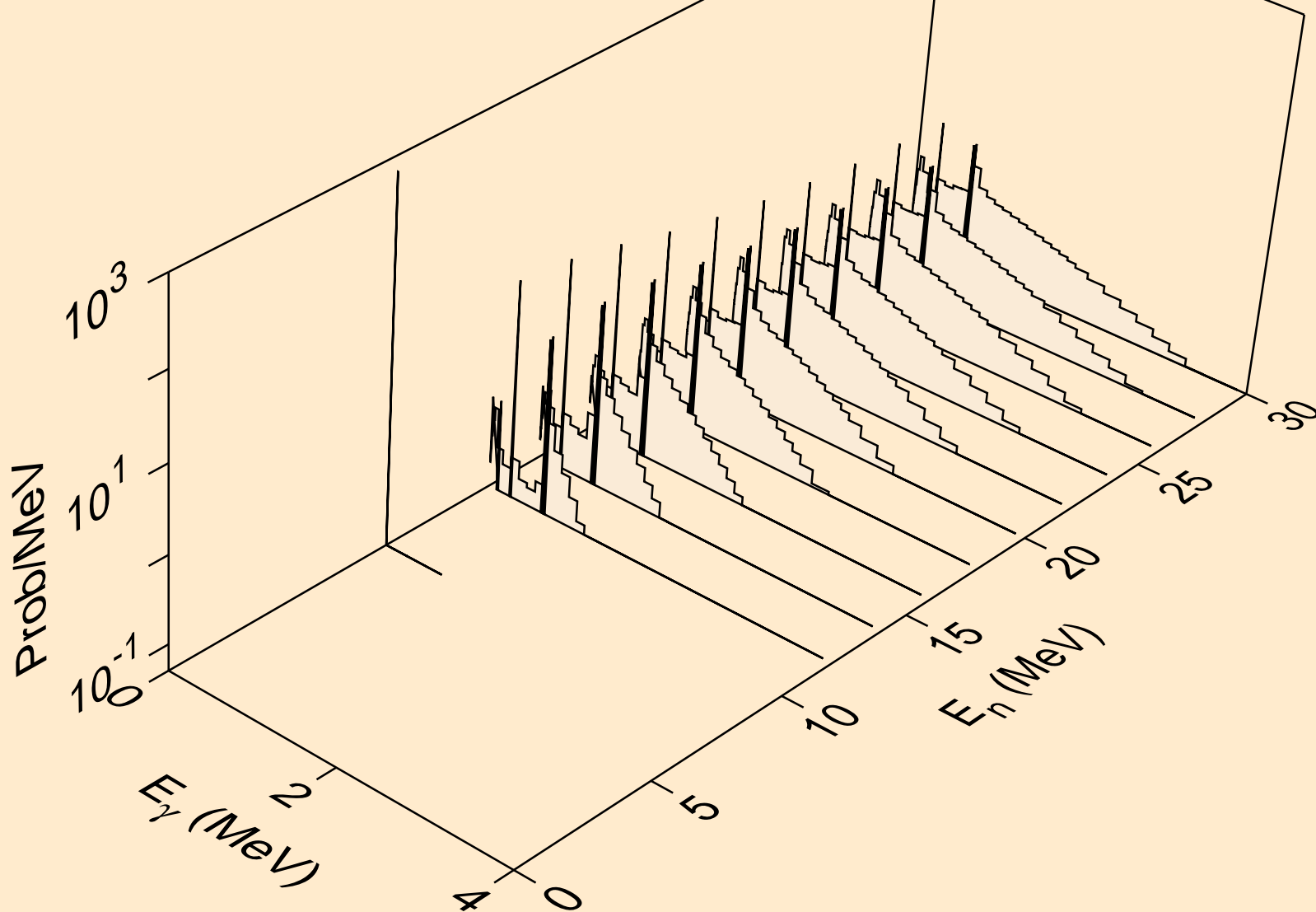
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



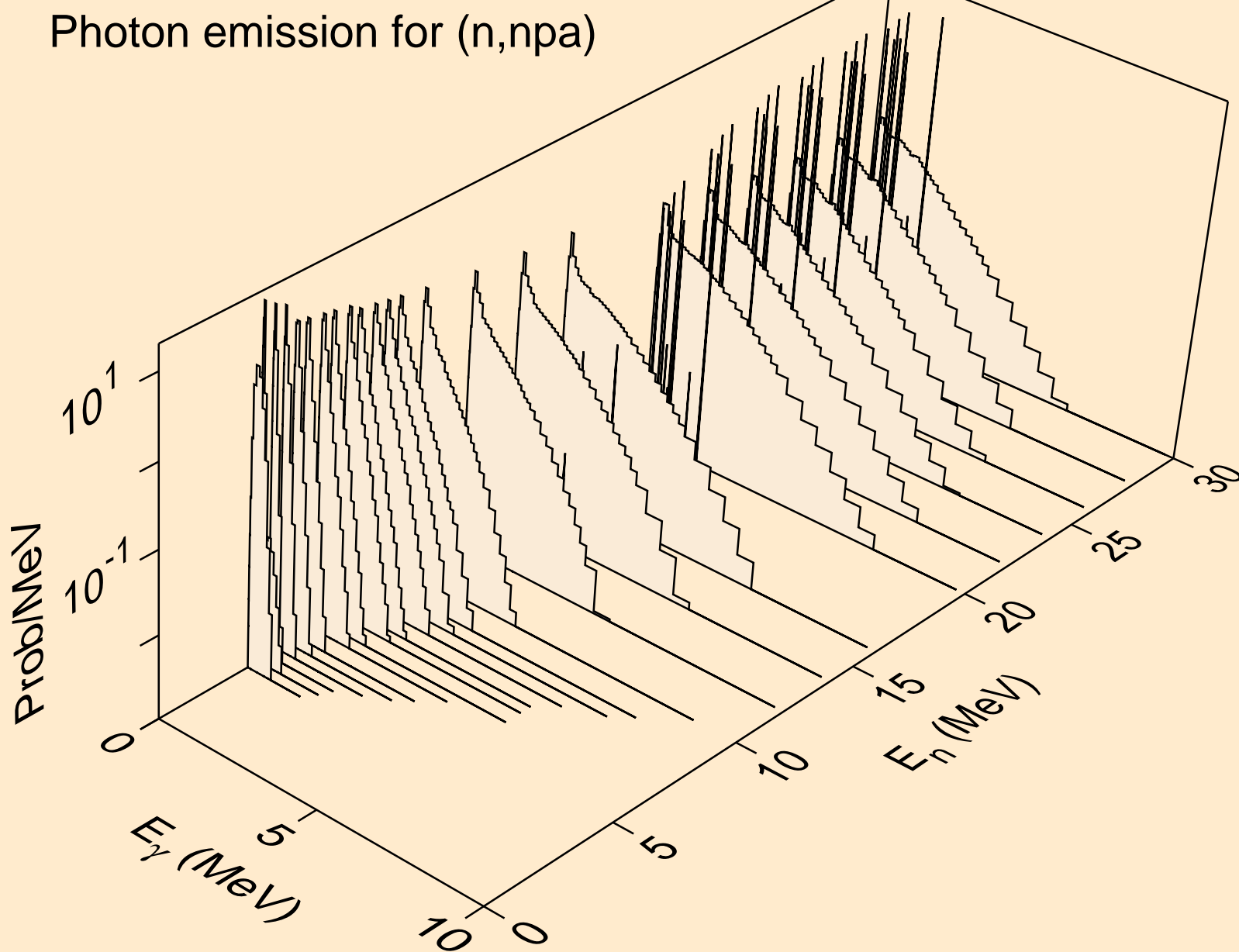
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



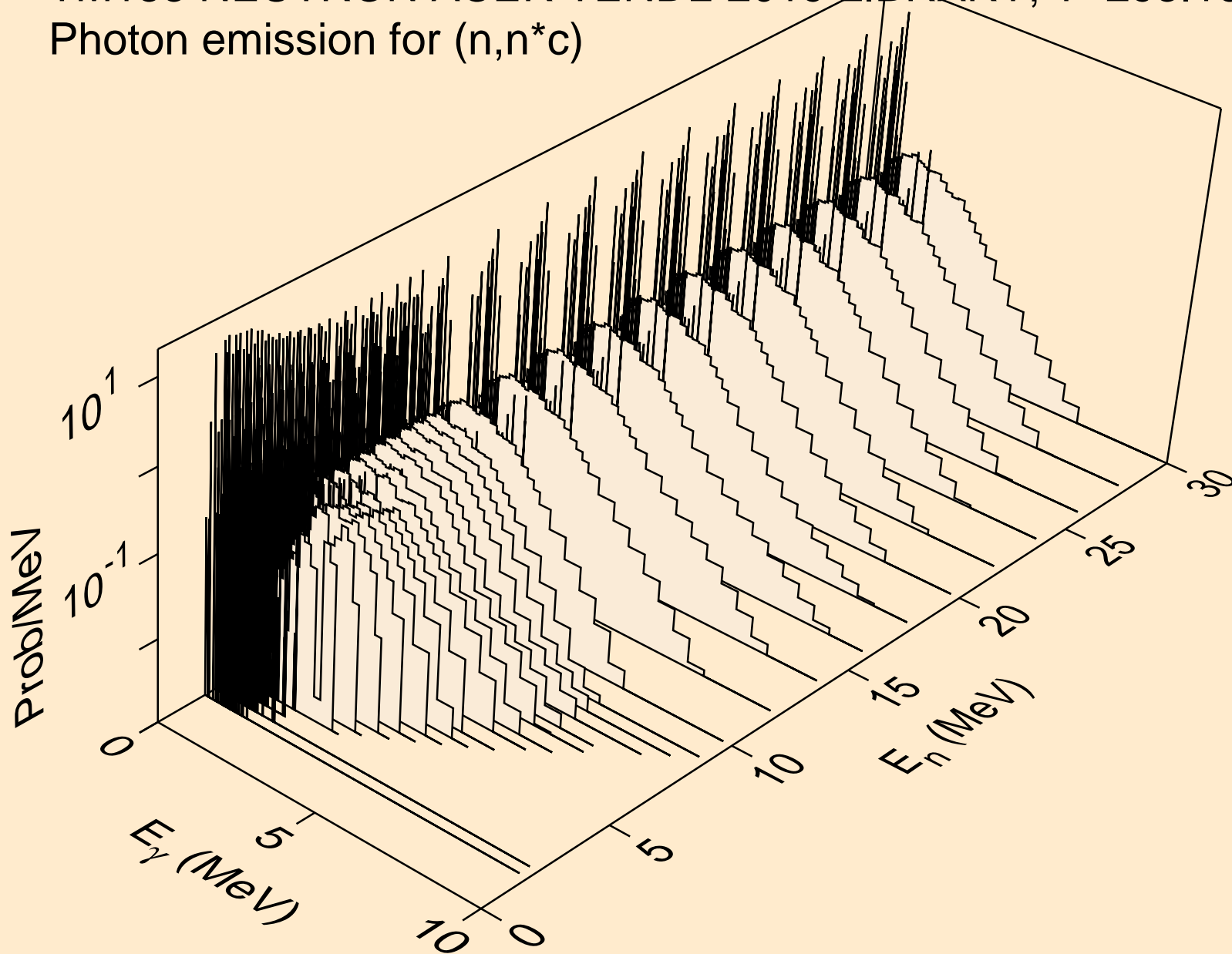
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



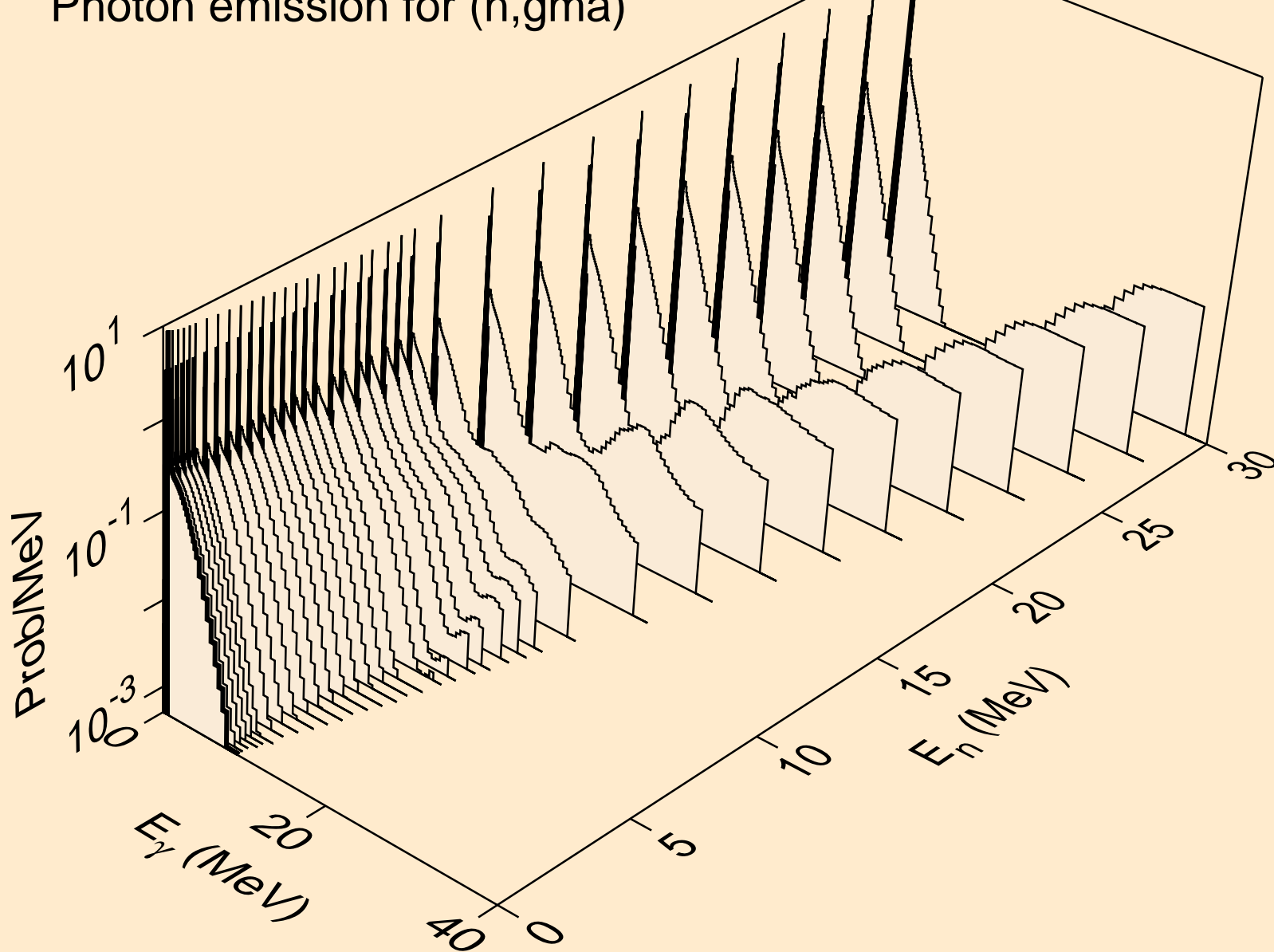
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



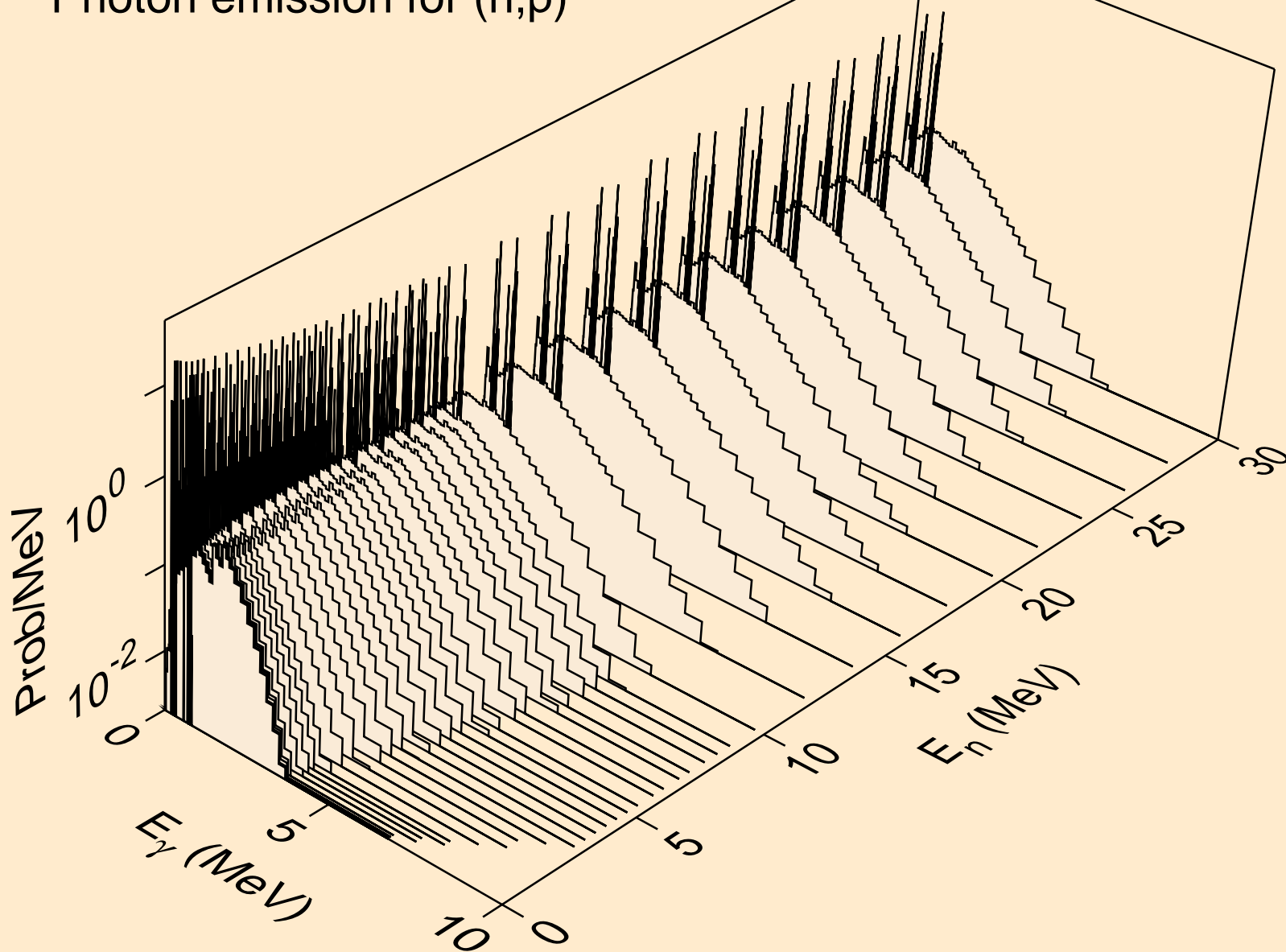
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



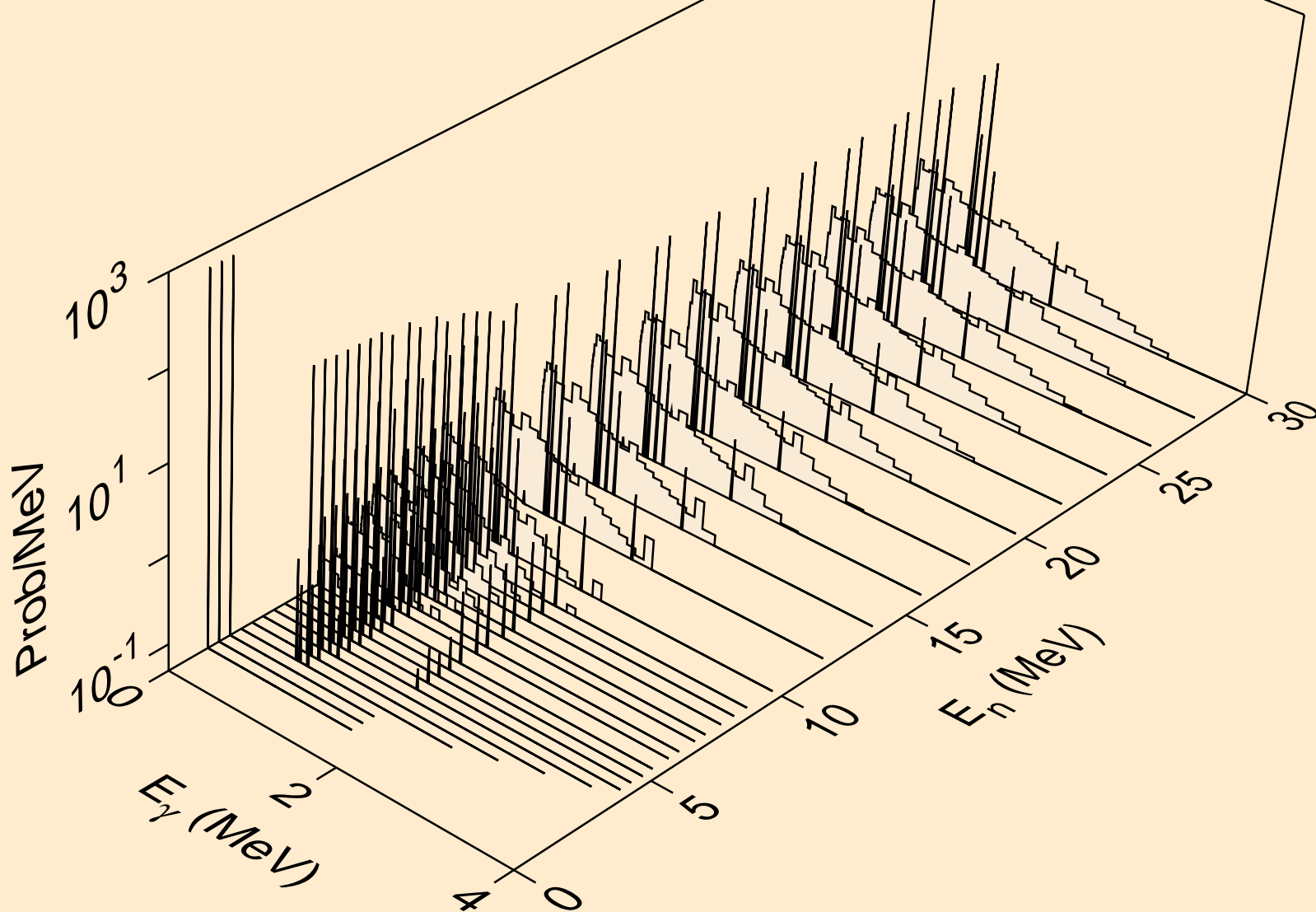
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



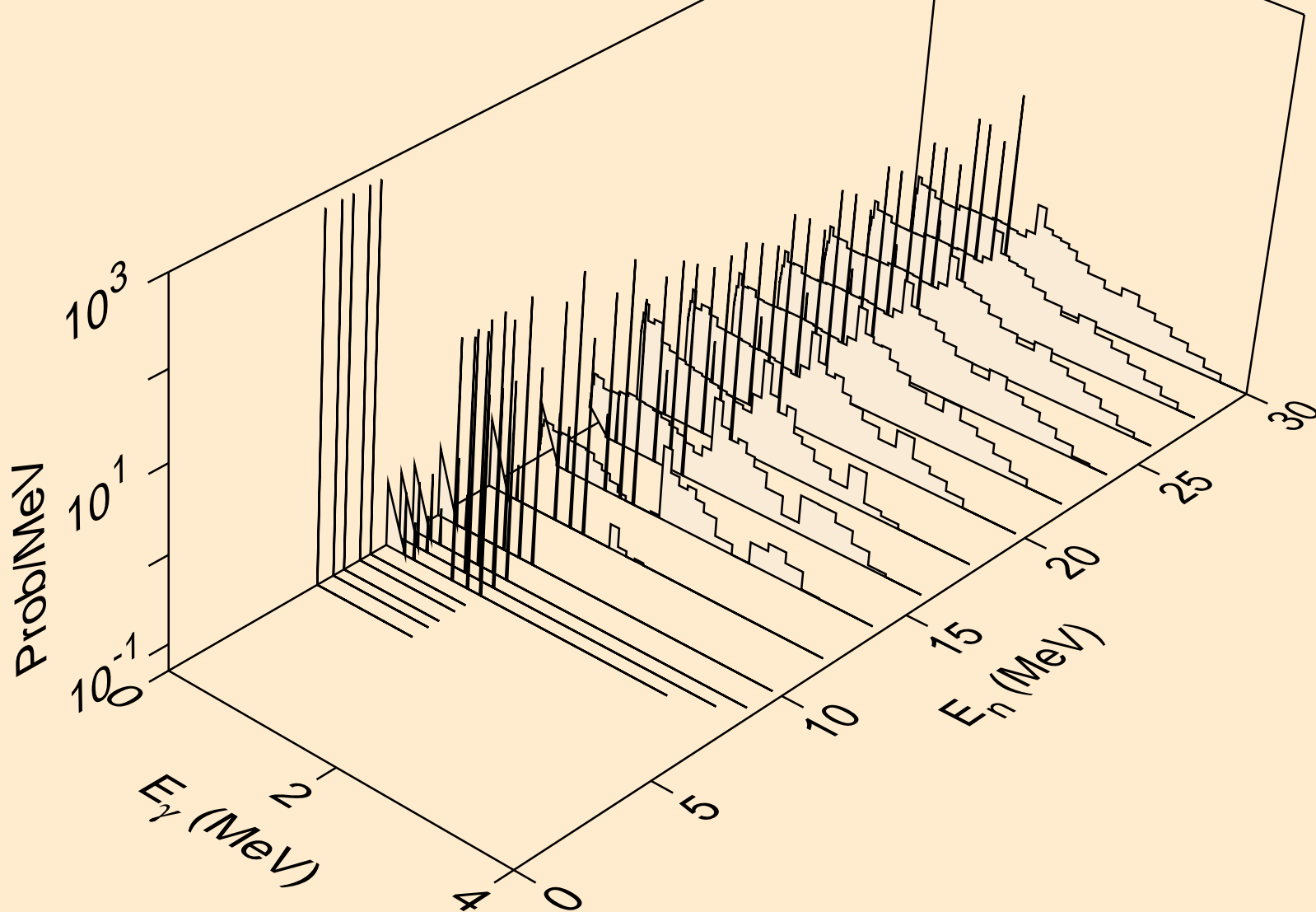
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



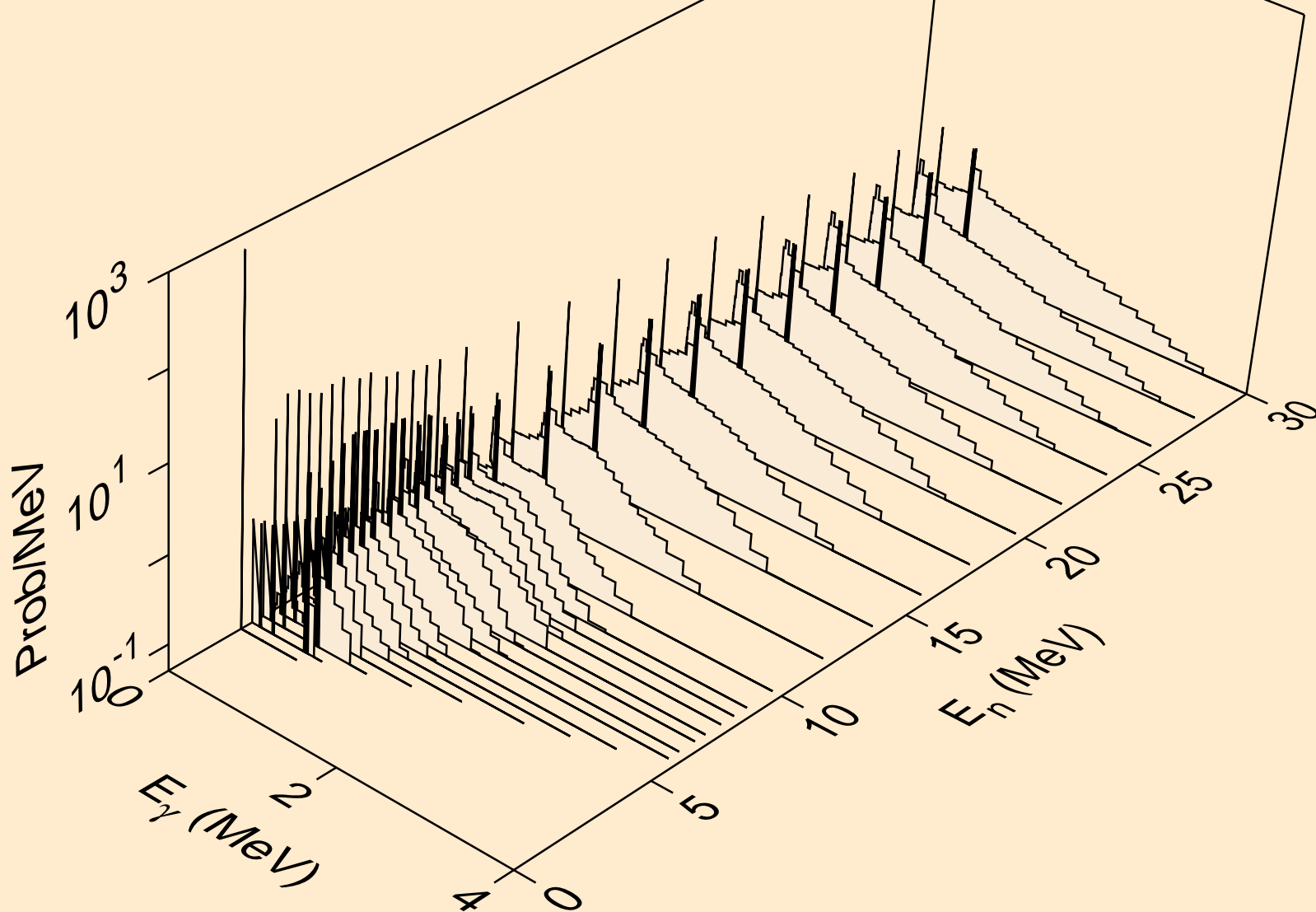
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



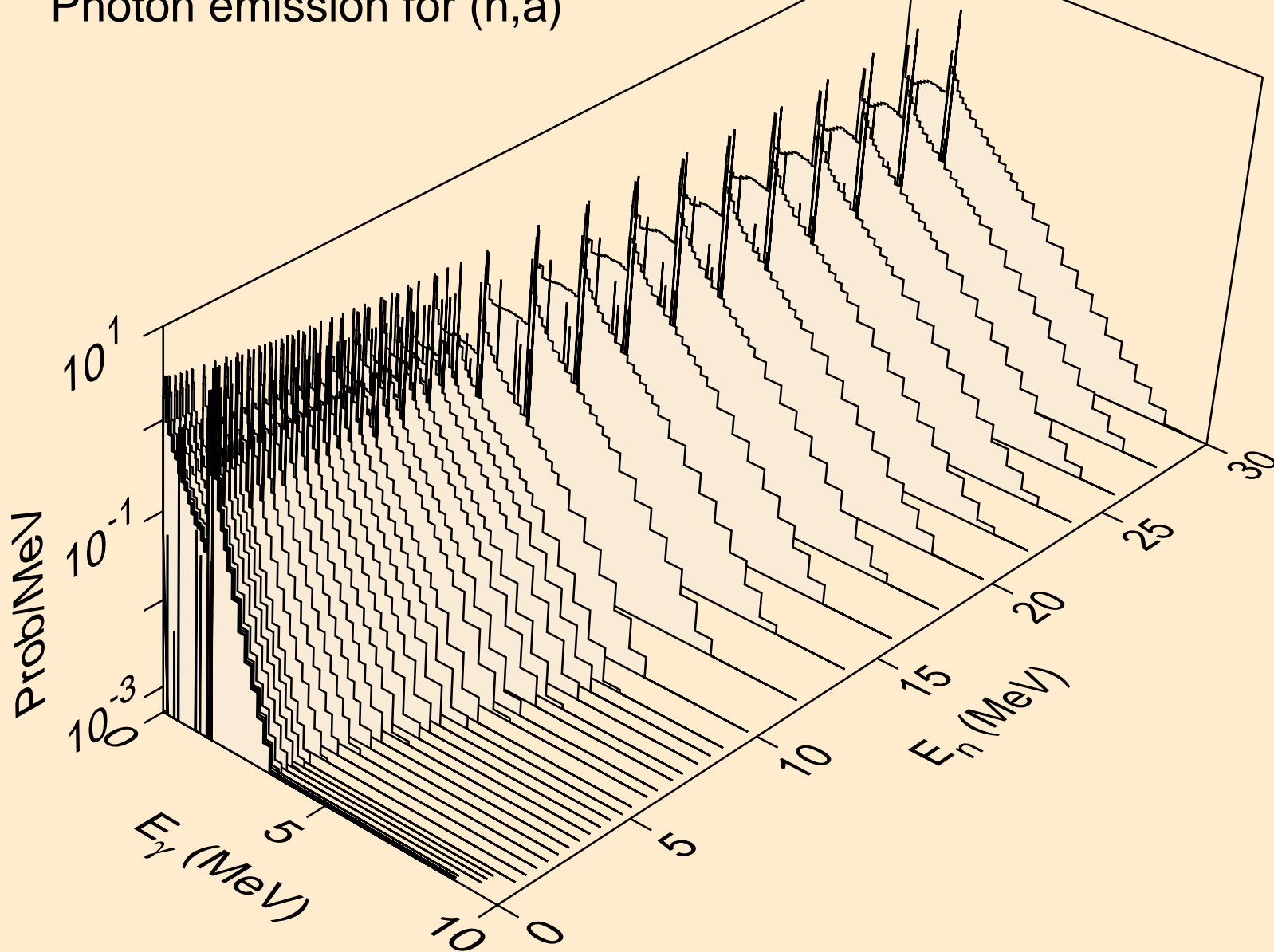
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



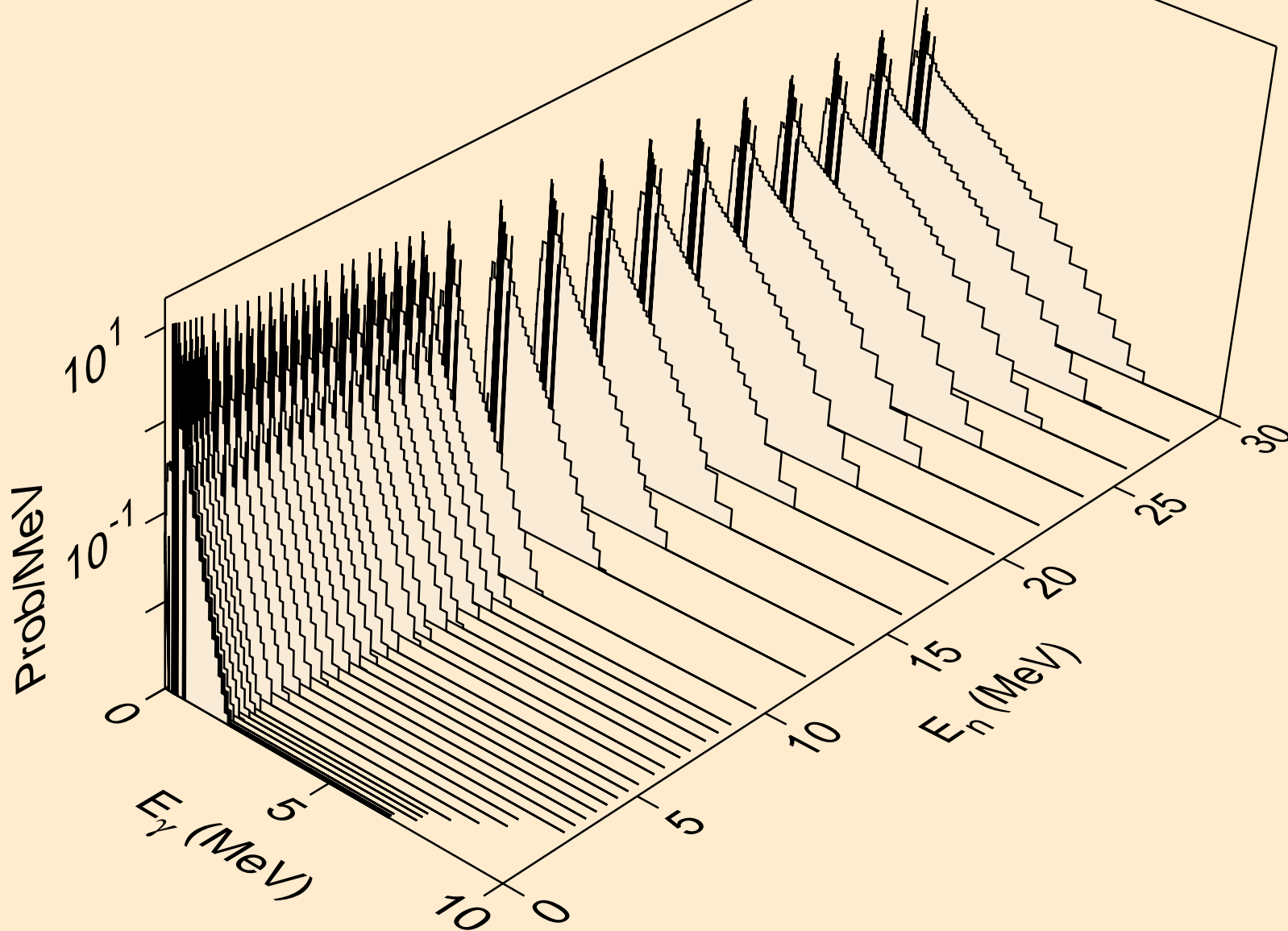
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



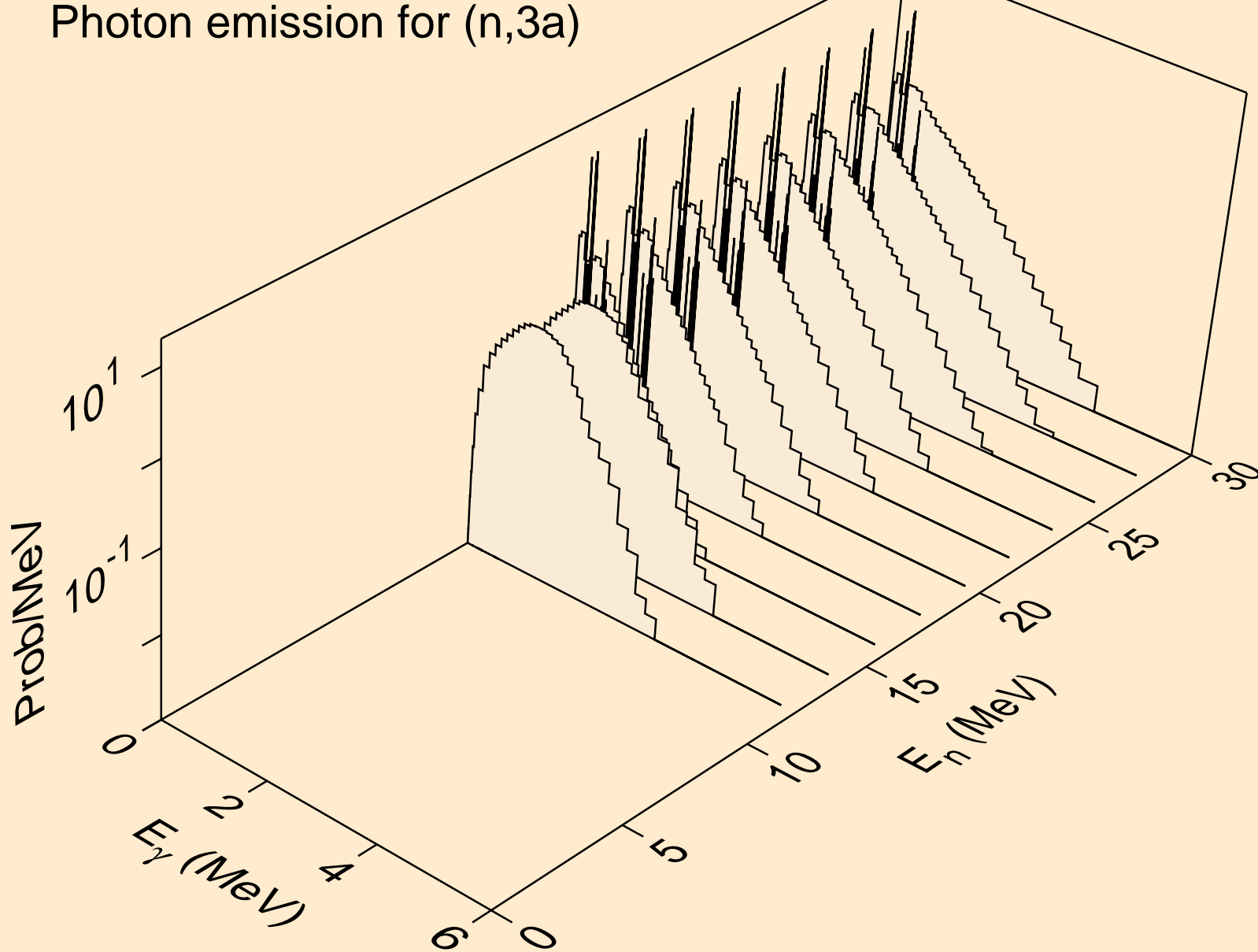
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



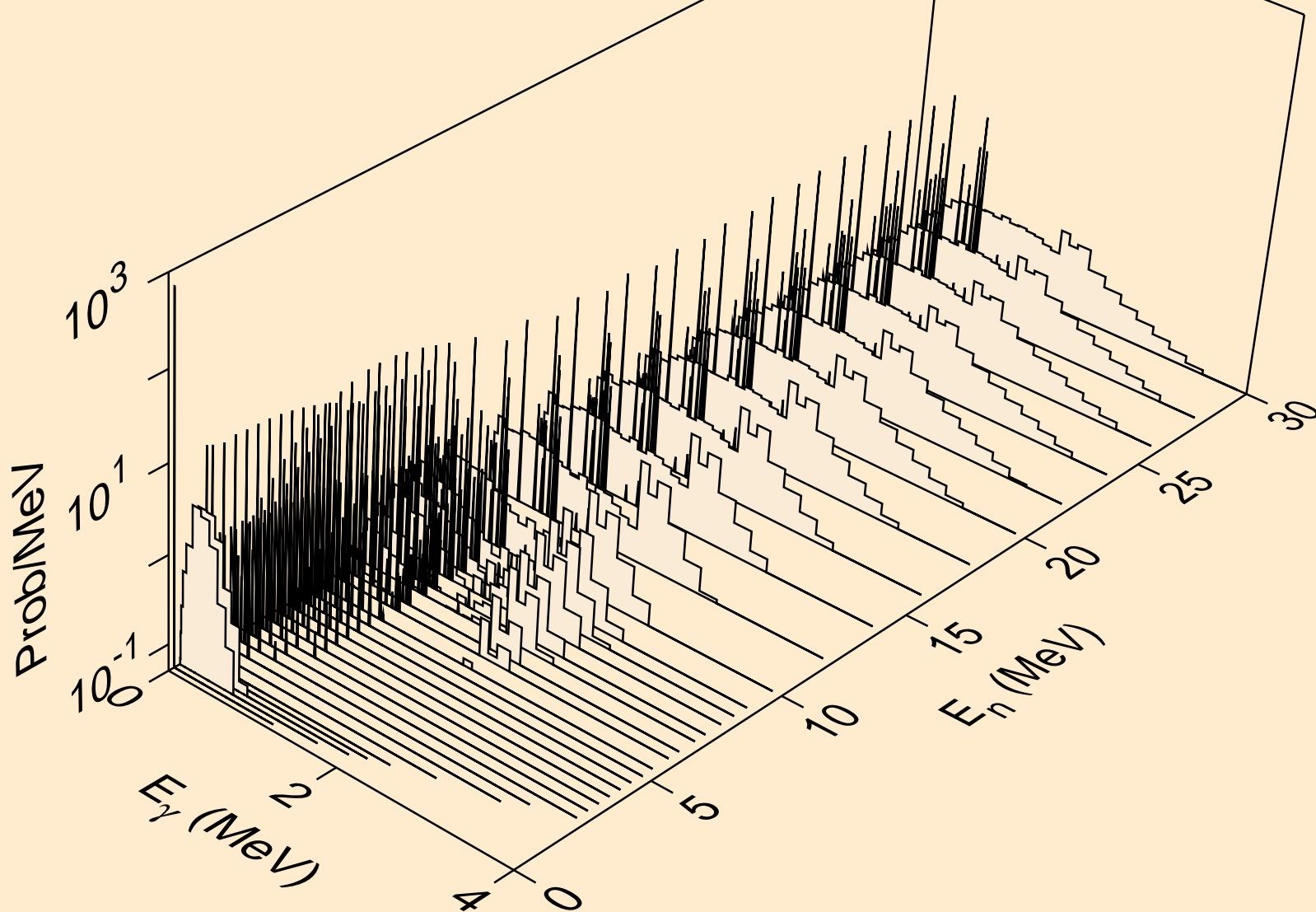
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



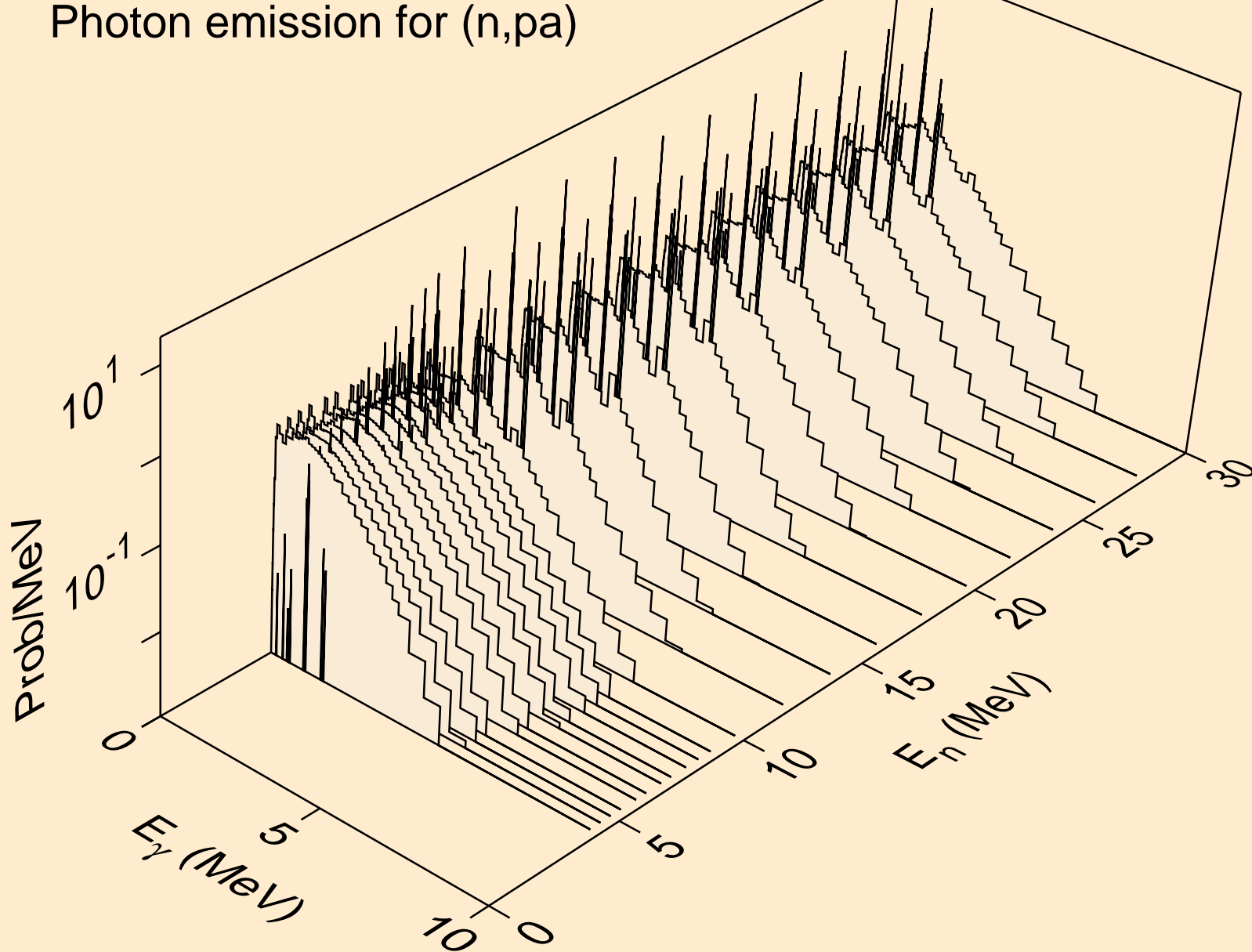
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



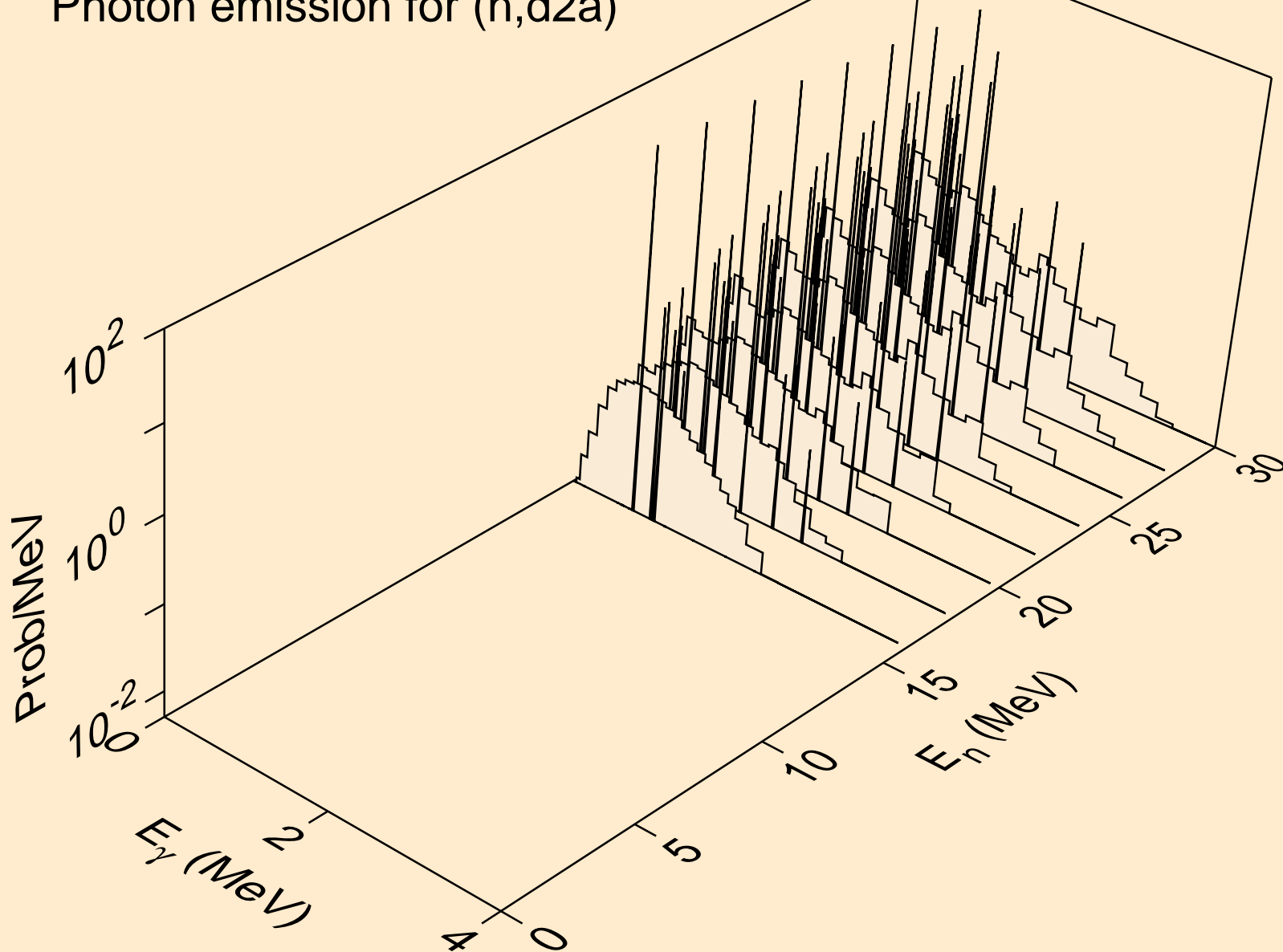
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



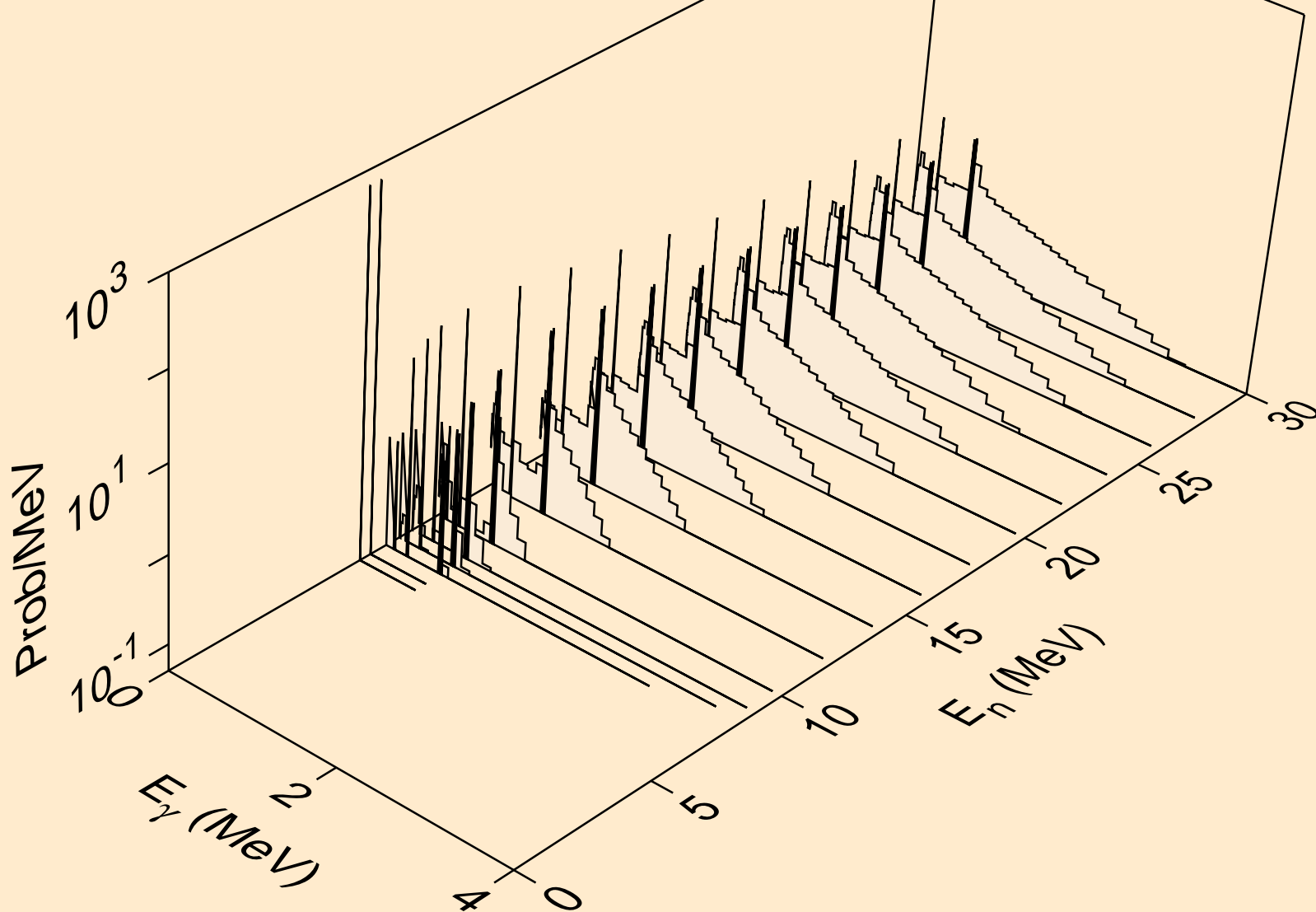
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



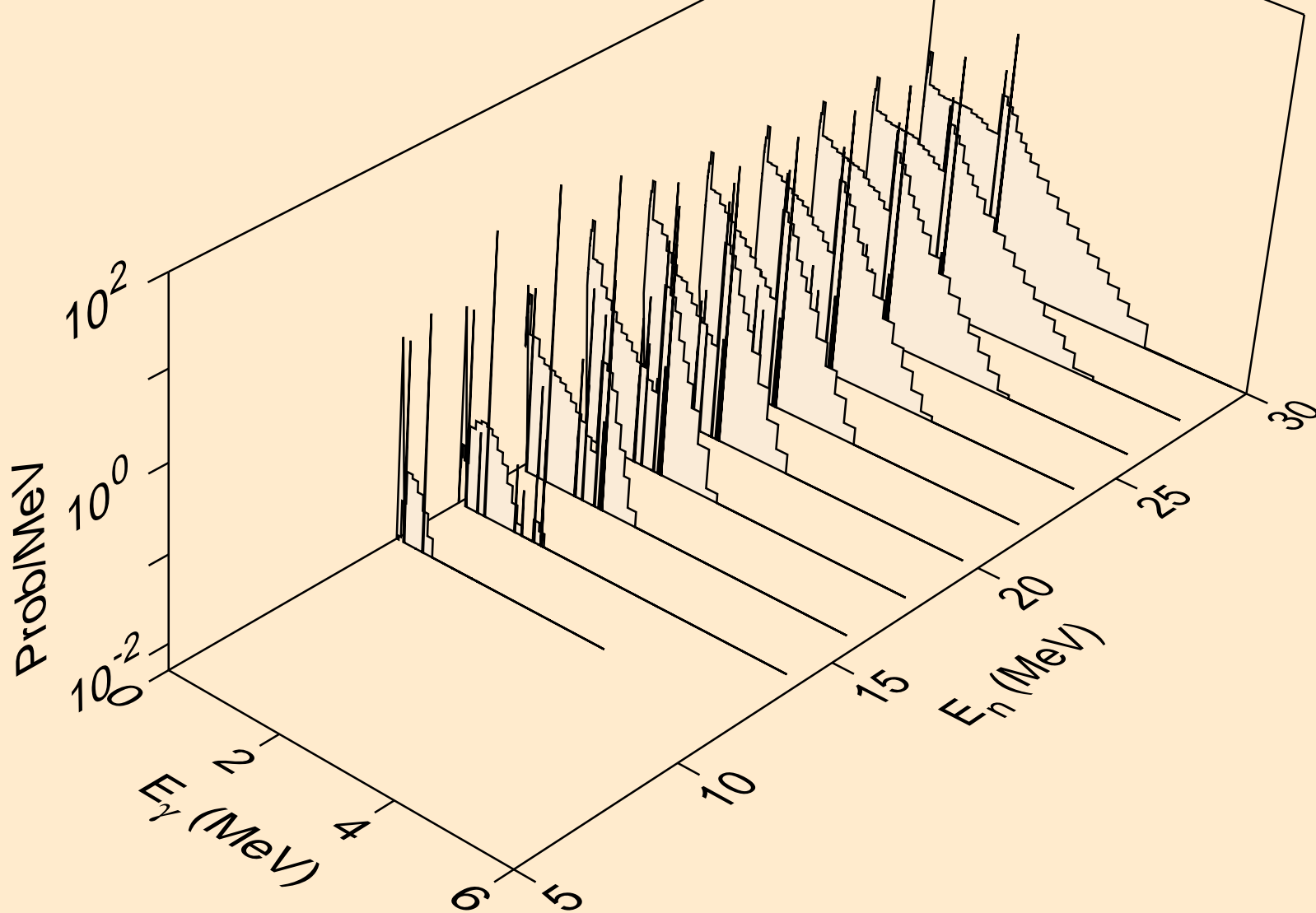
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d2a)



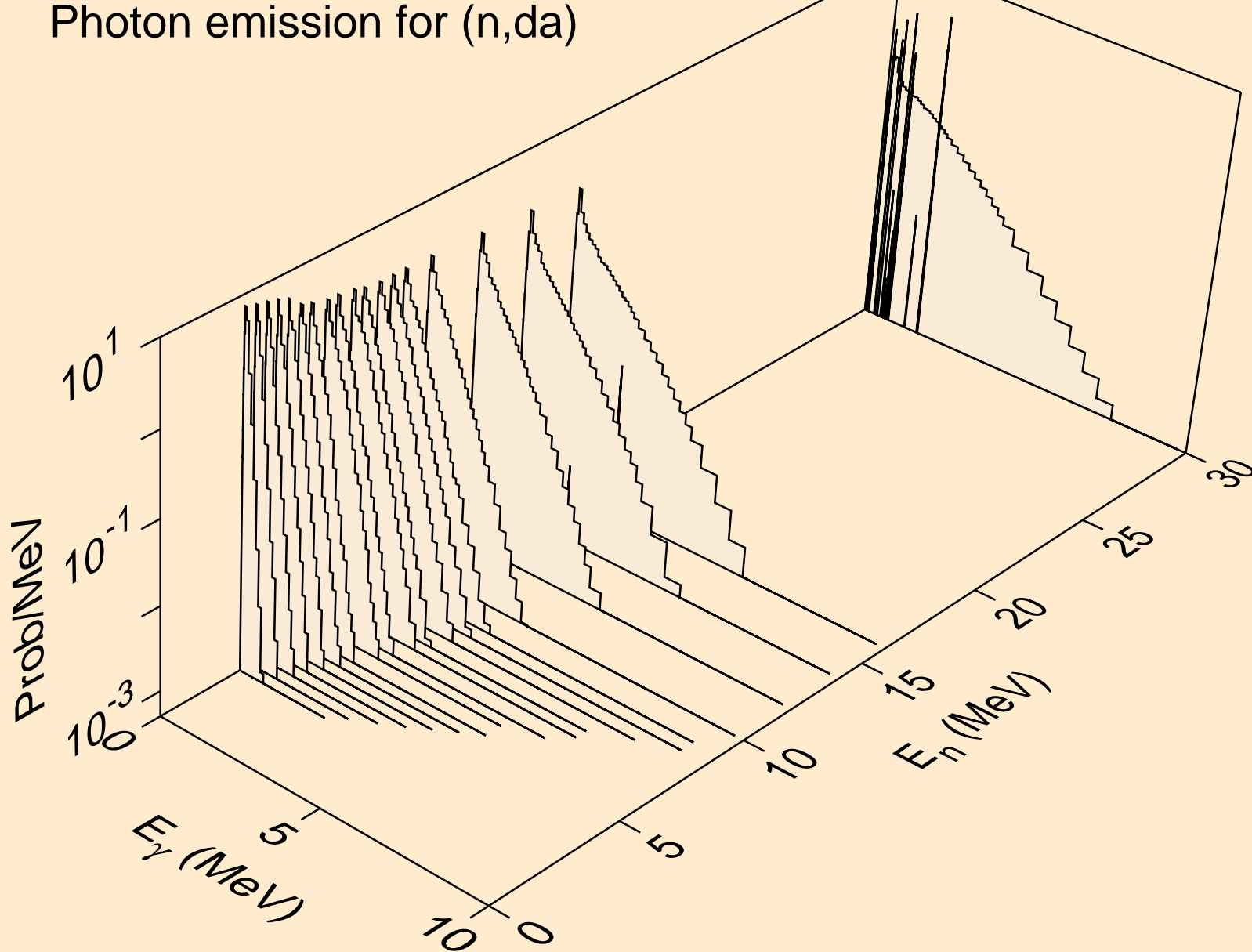
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



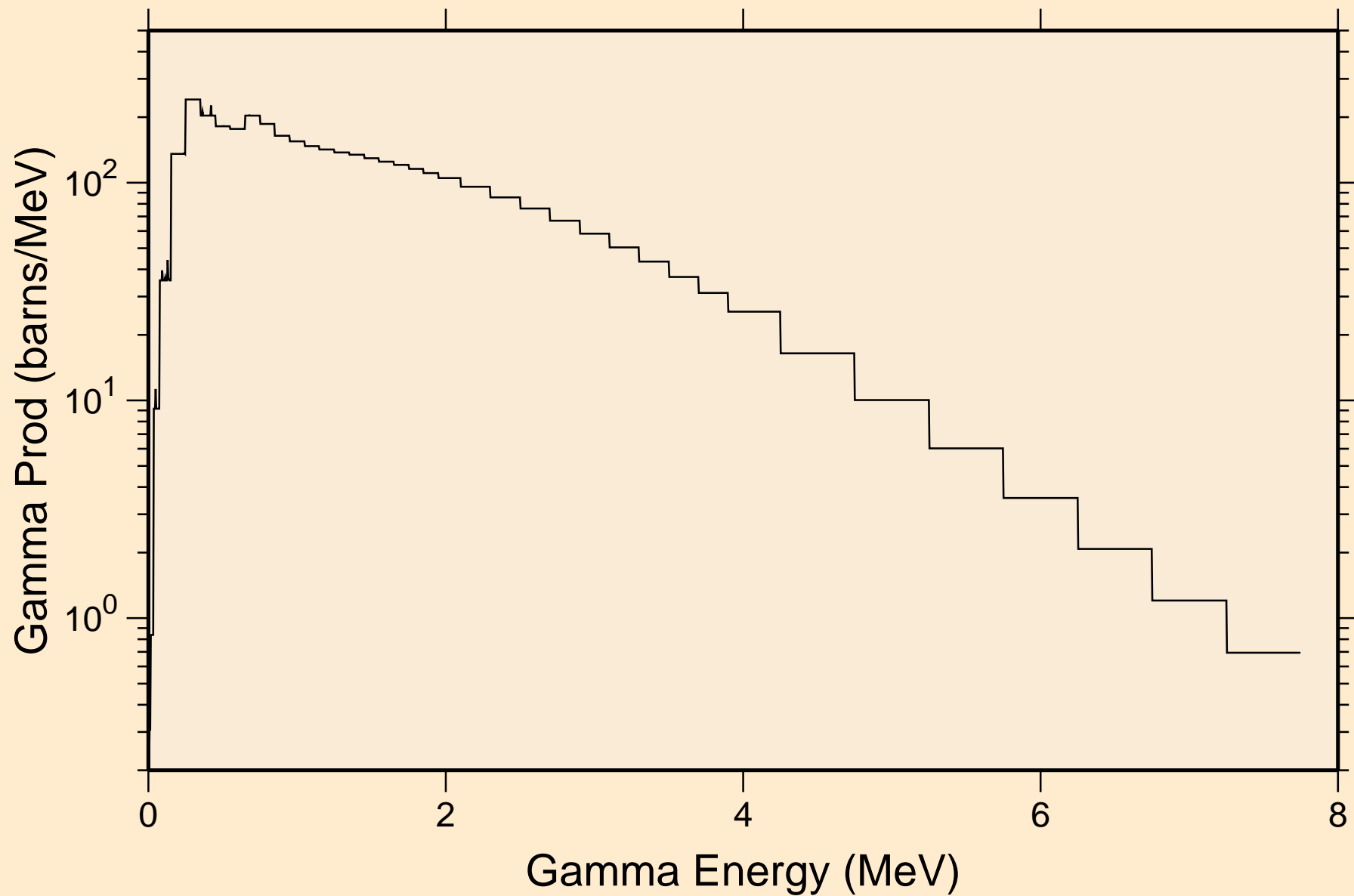
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



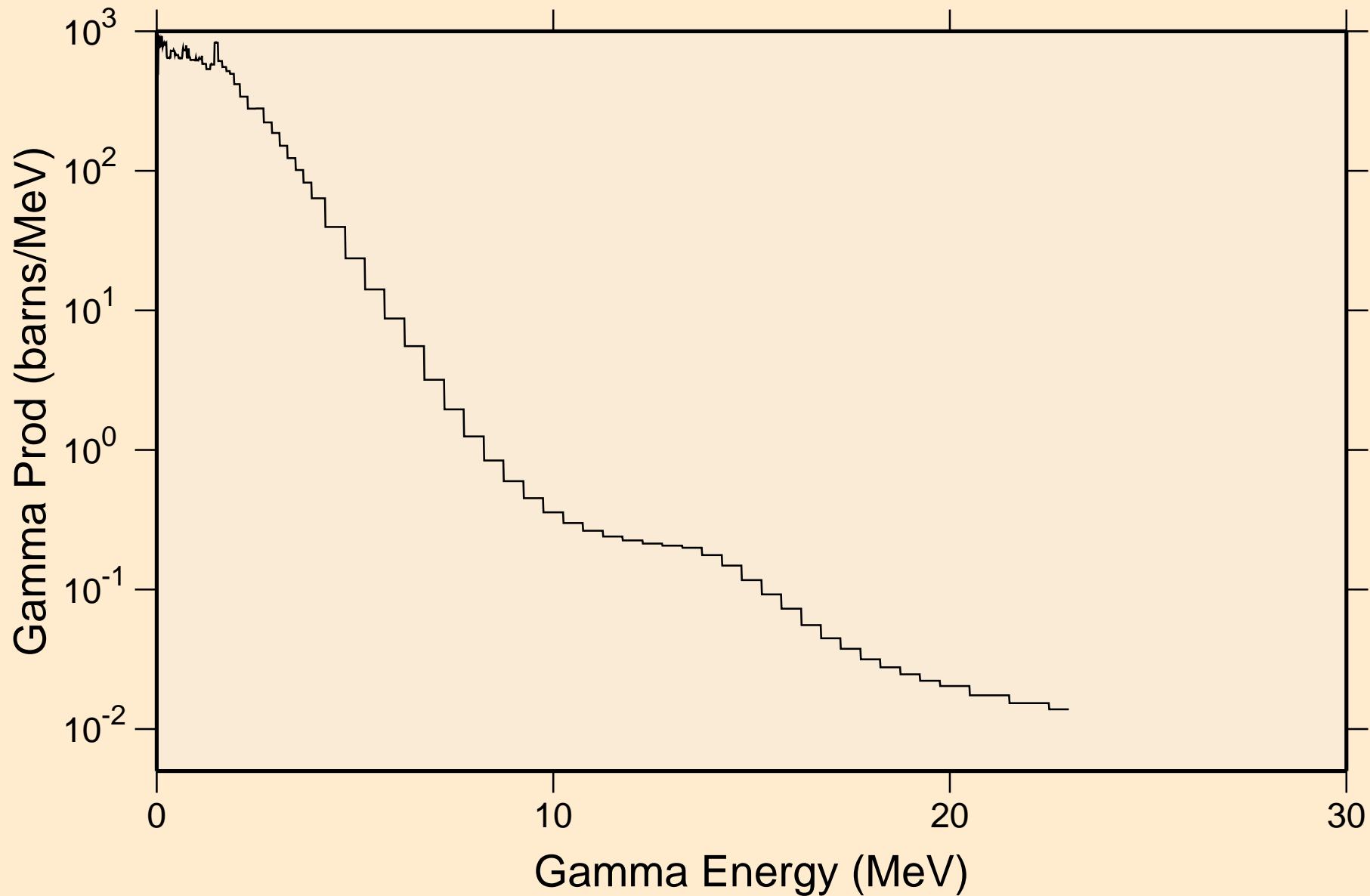
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

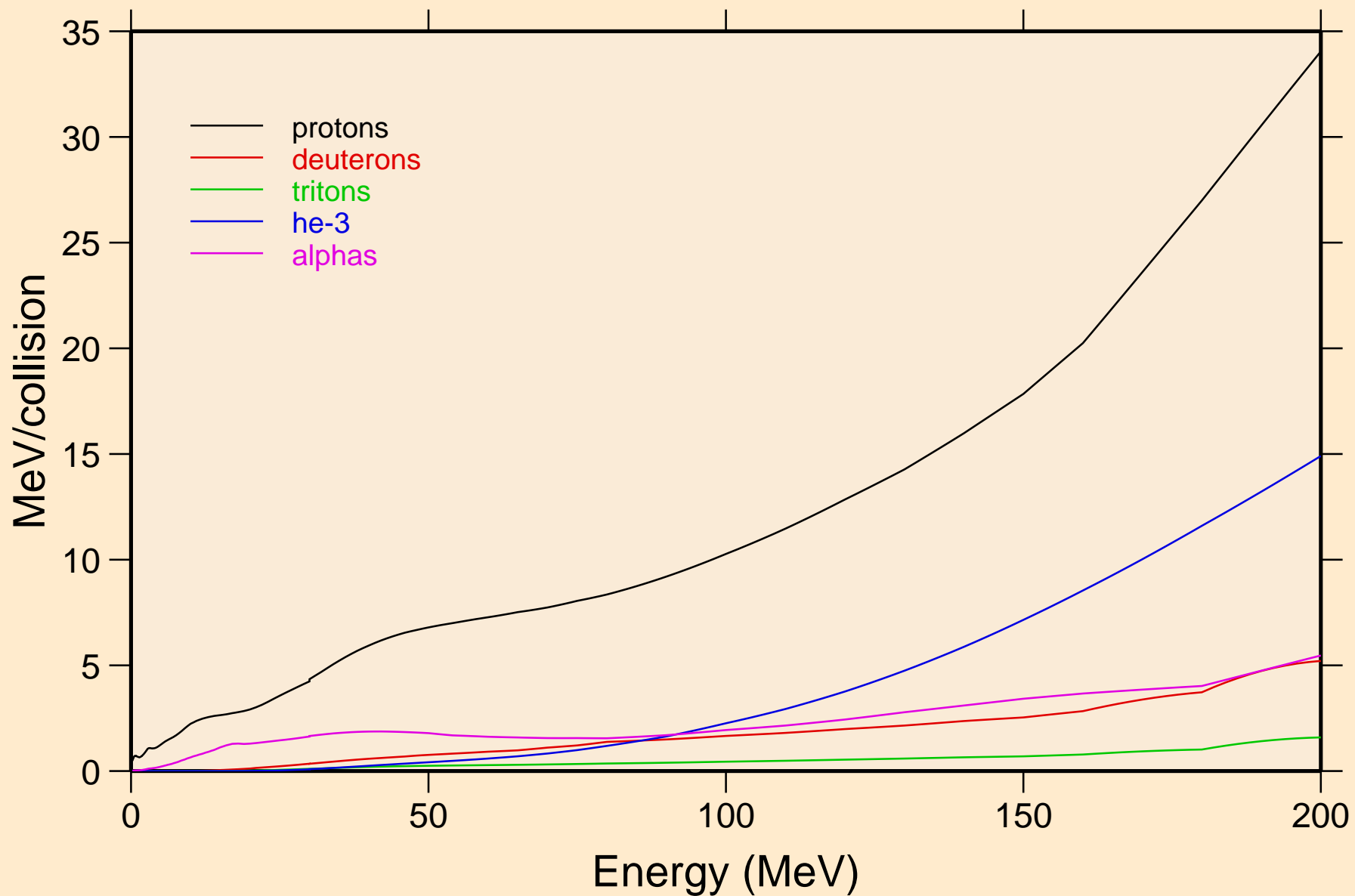


TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

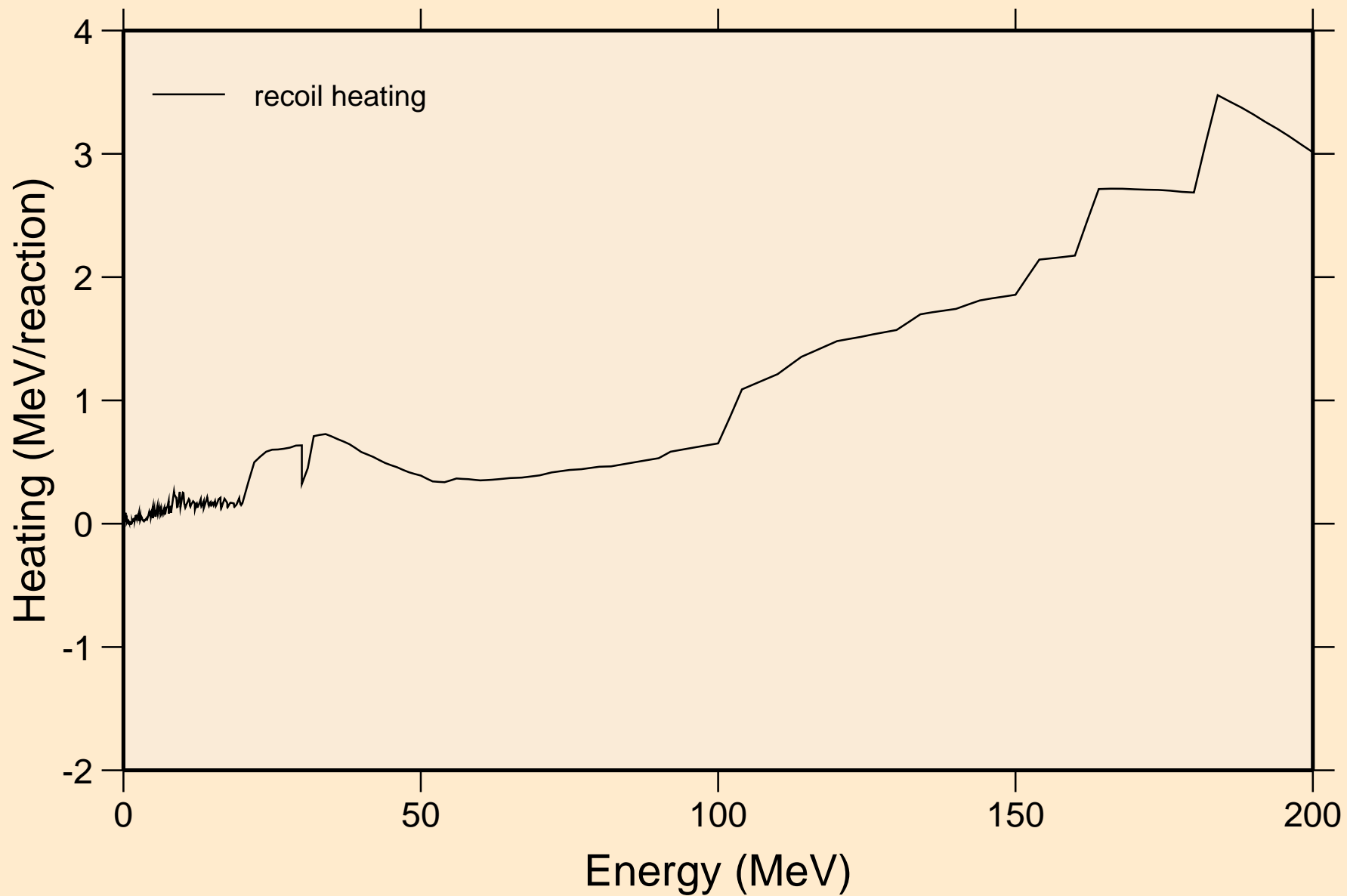


TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

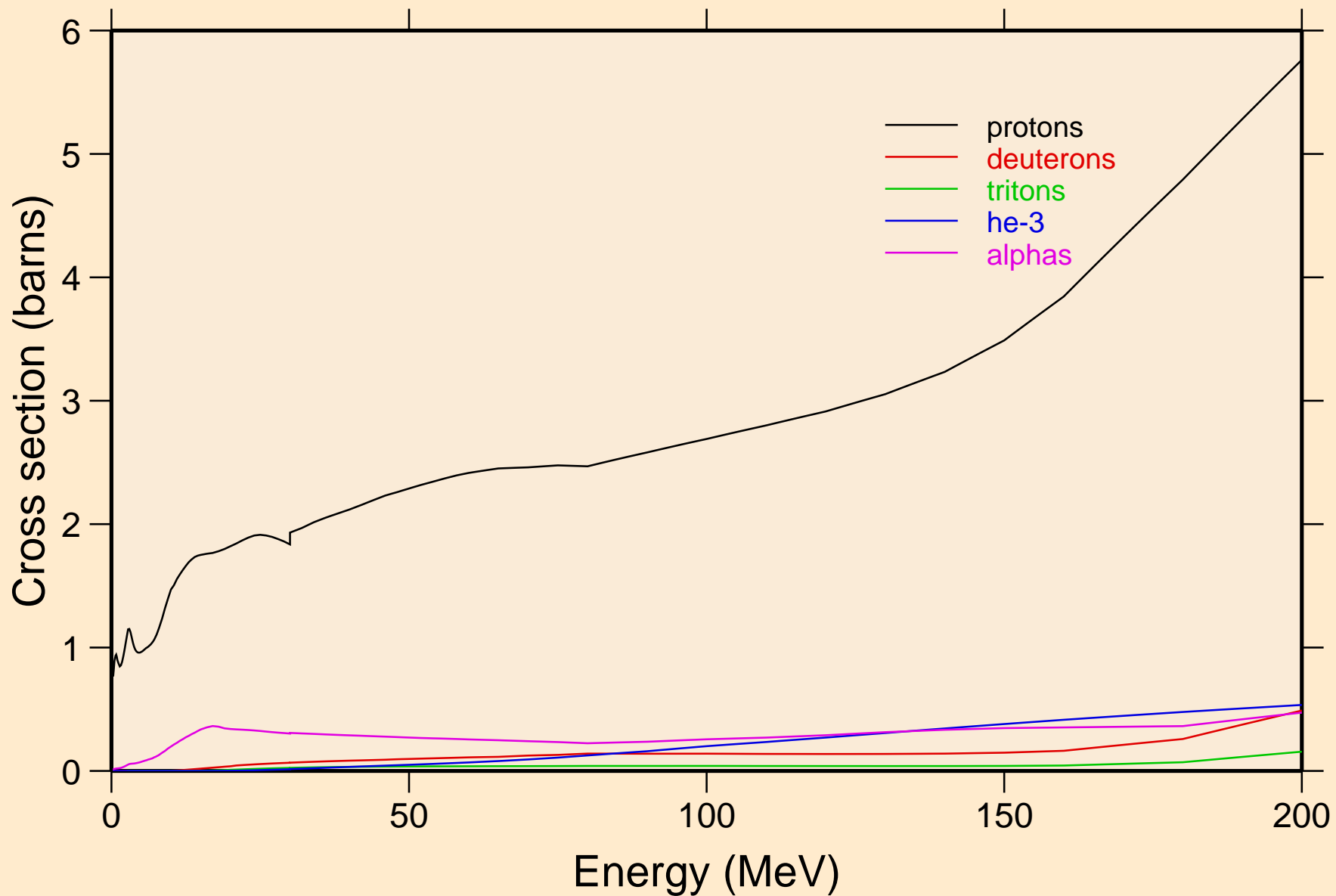
Particle heating contributions



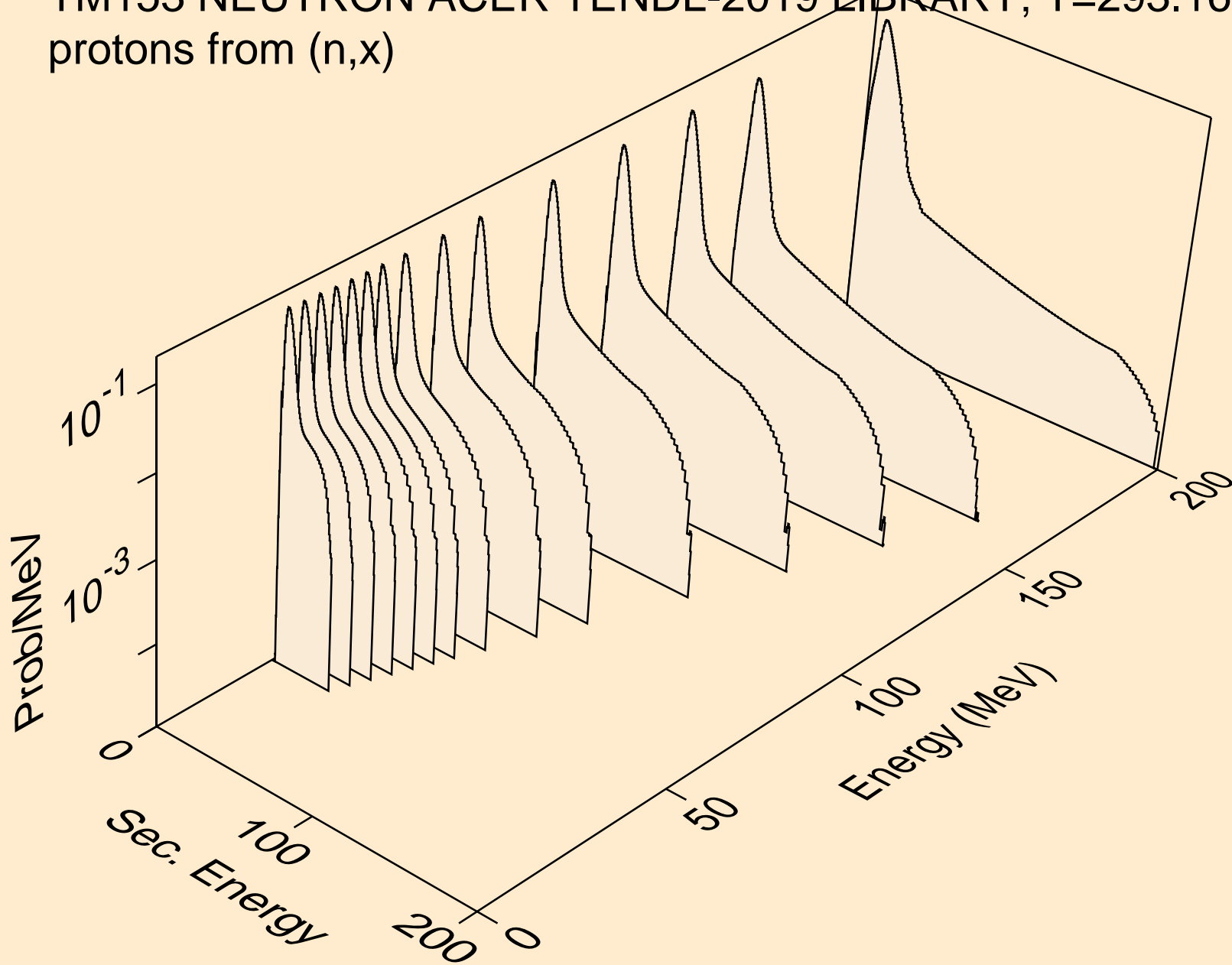
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



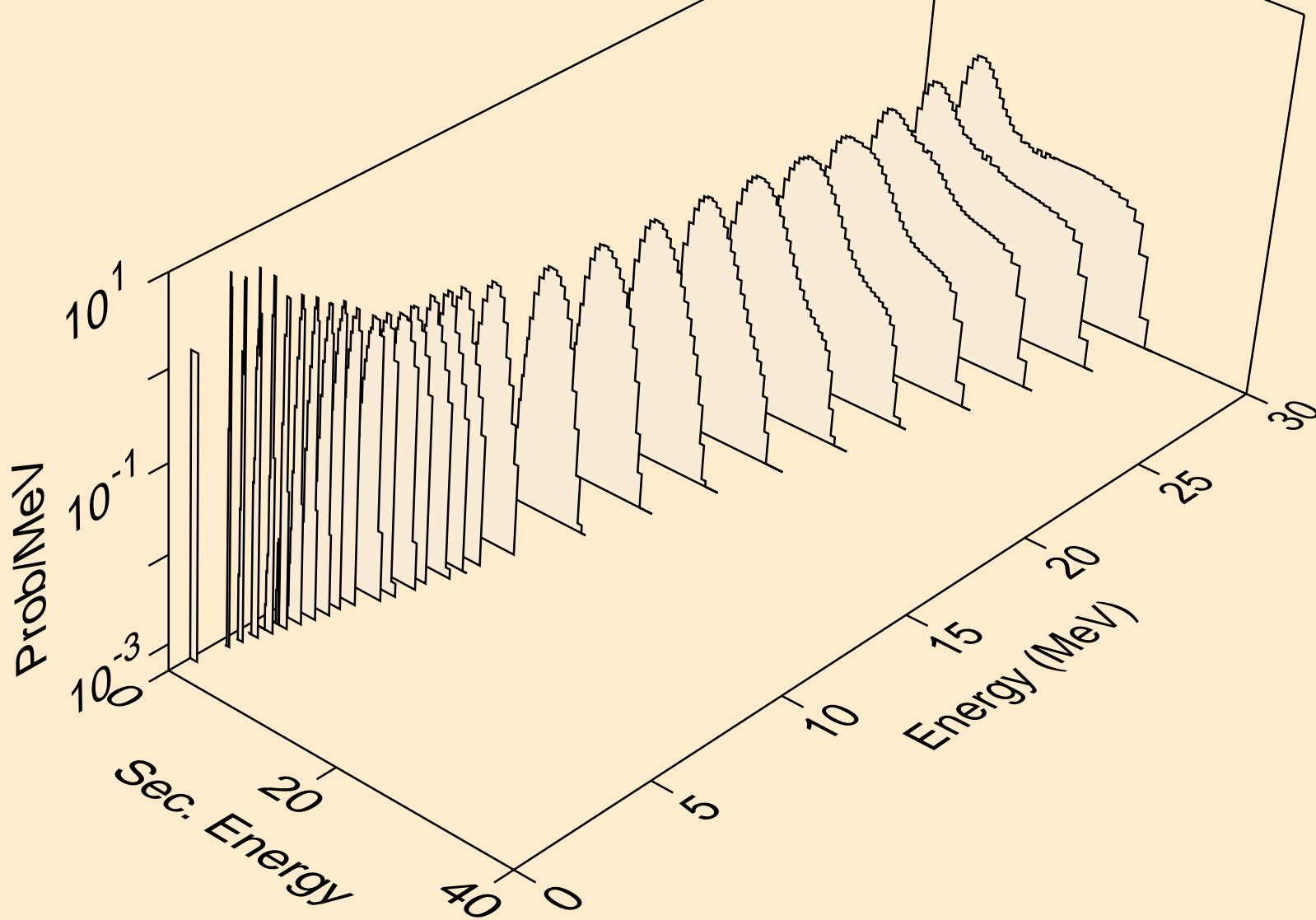
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



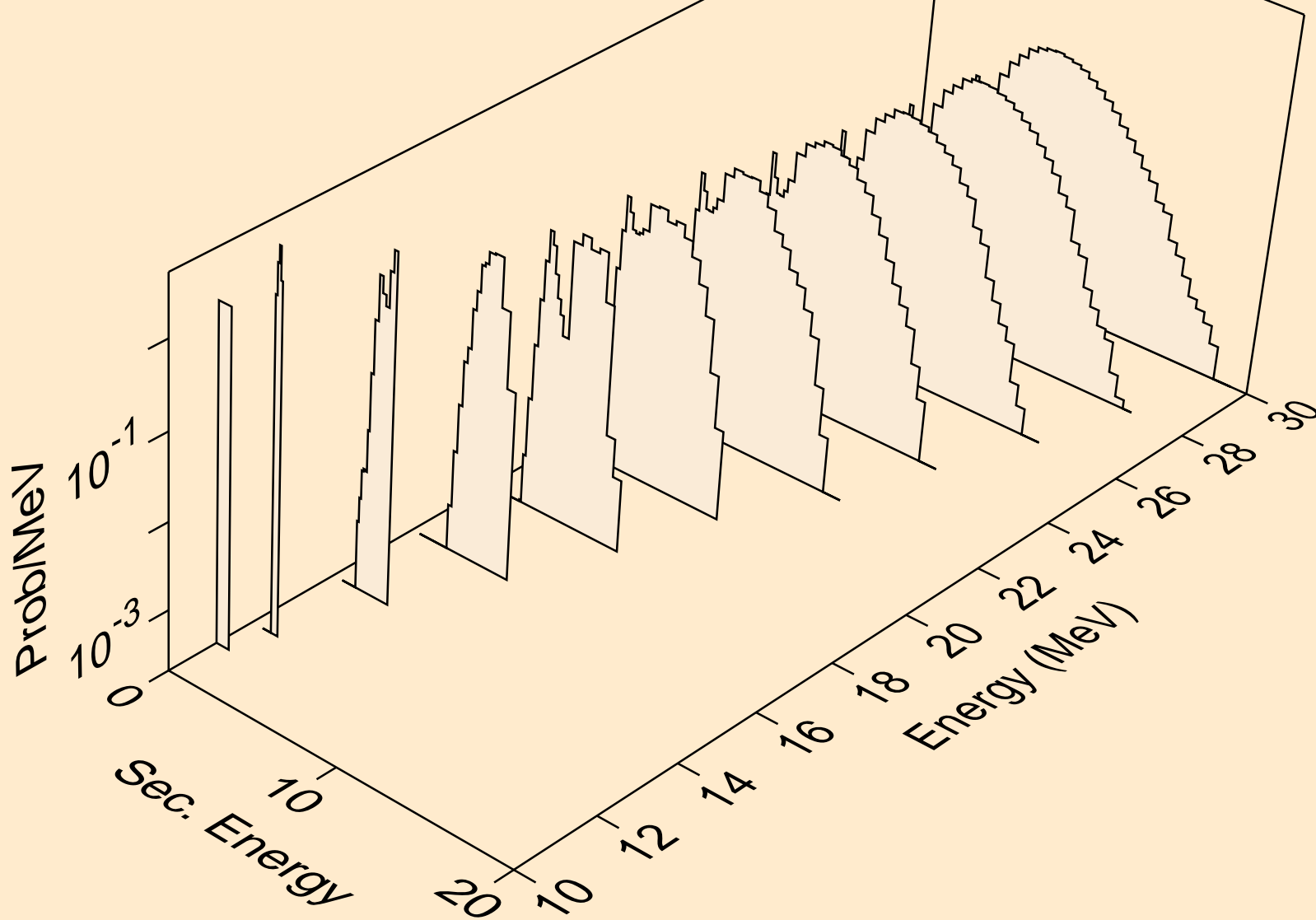
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



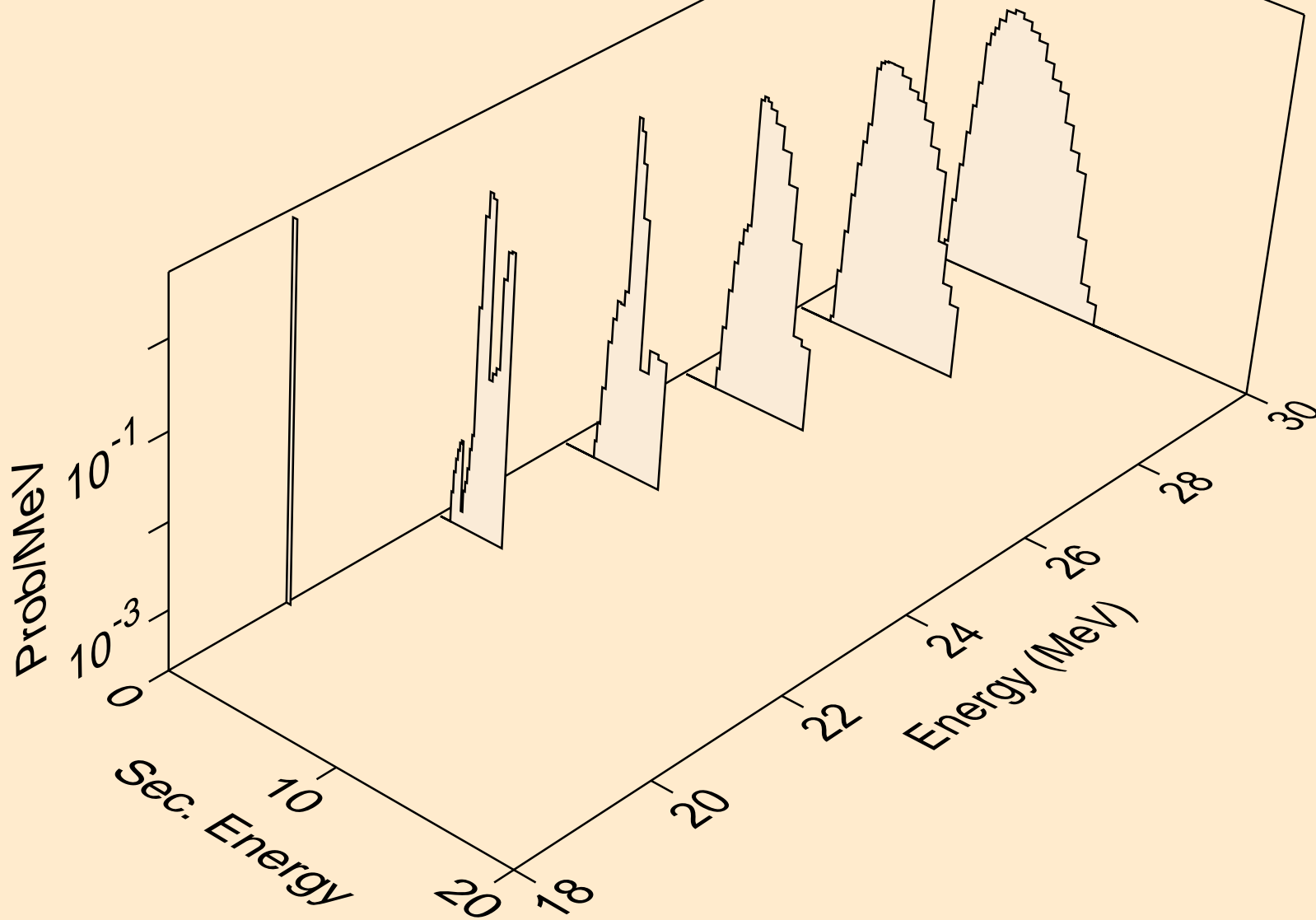
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



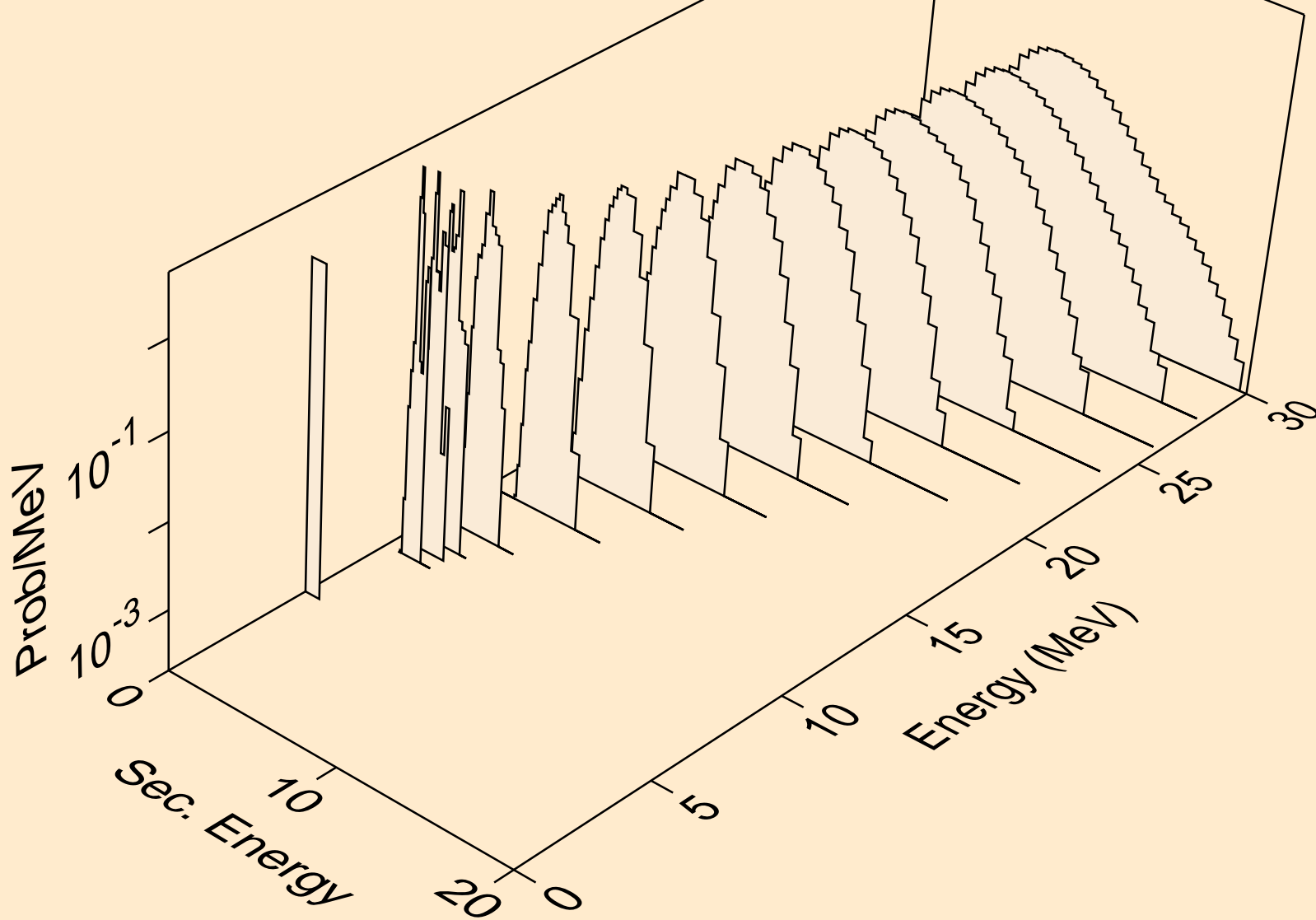
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



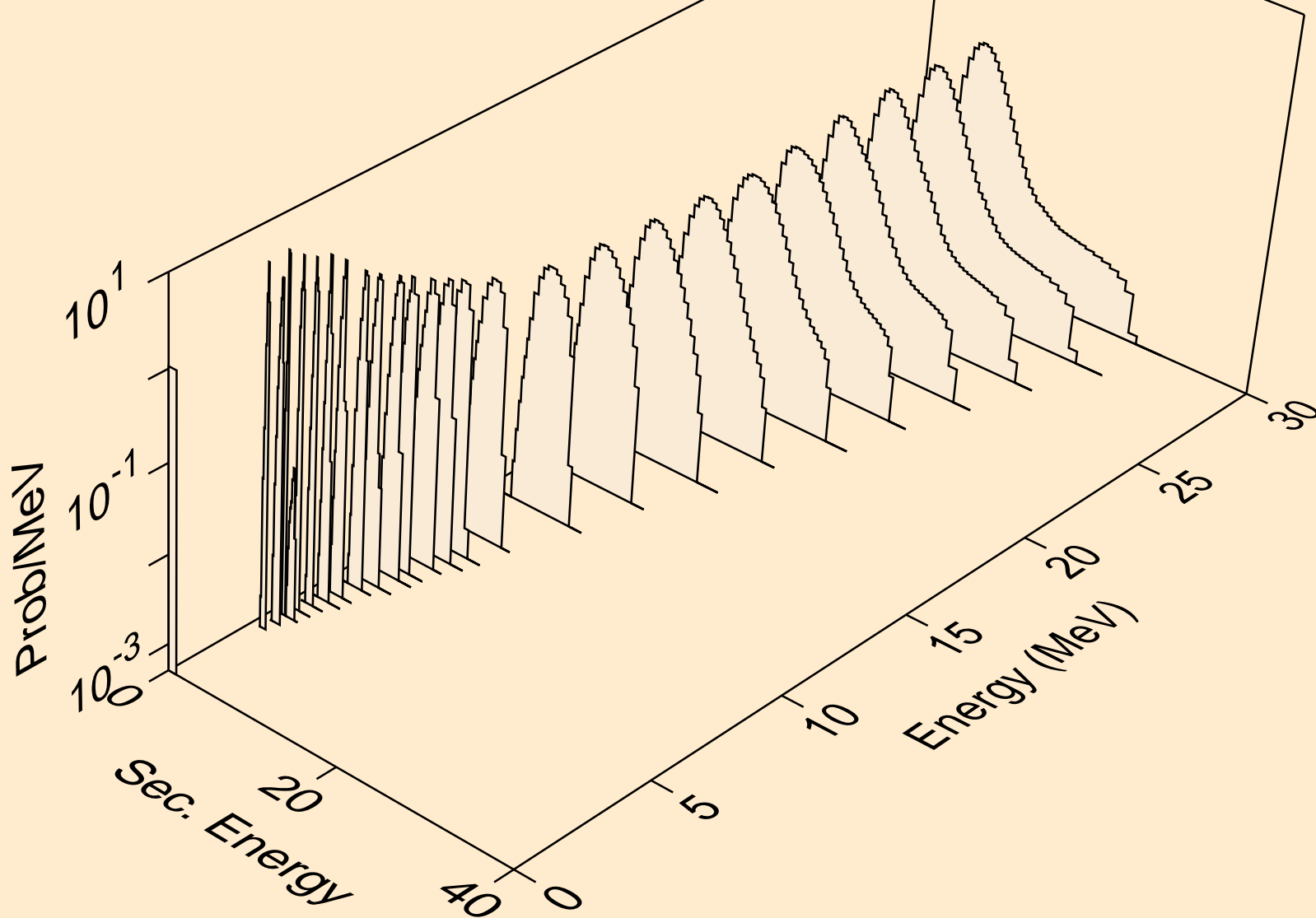
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



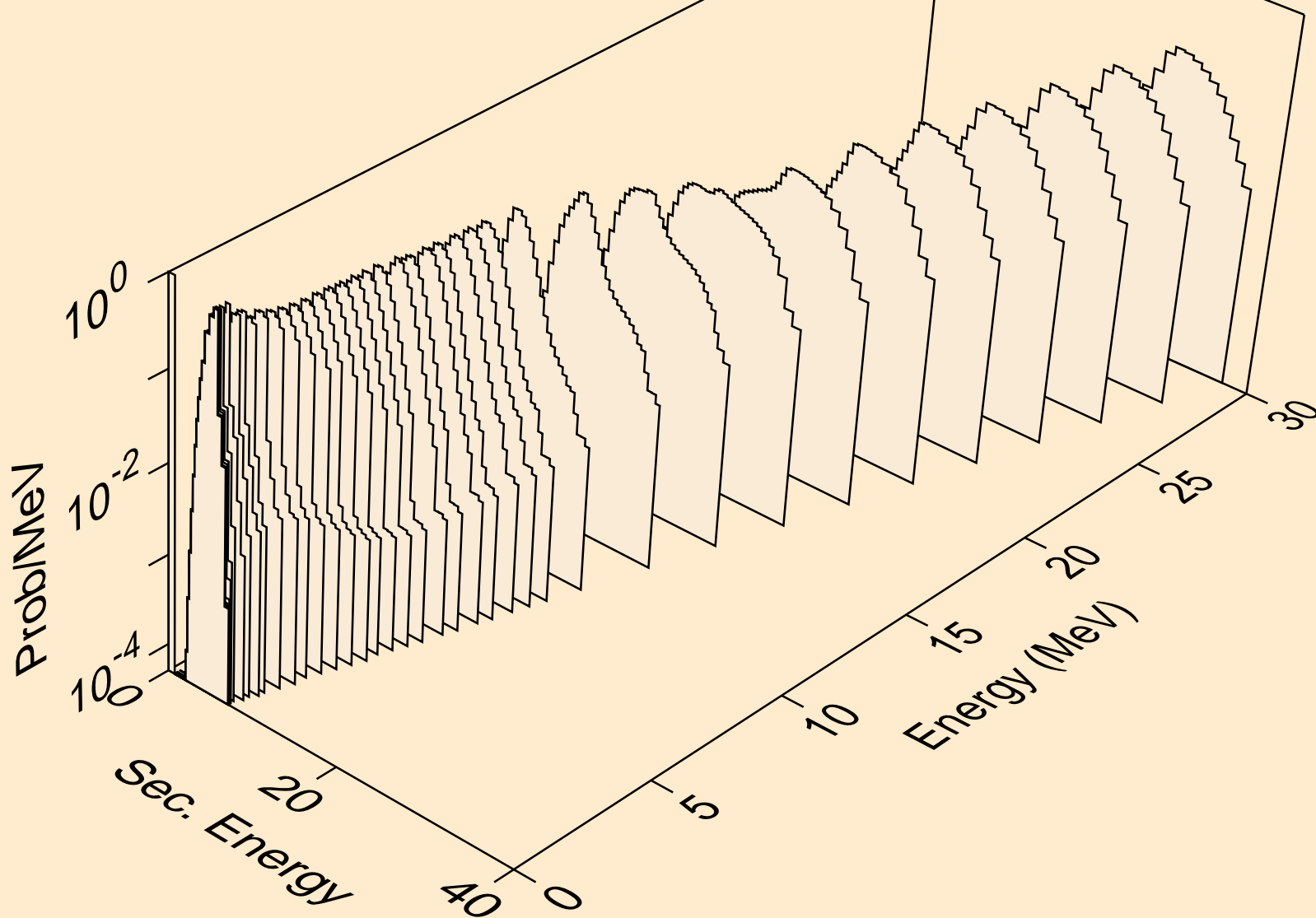
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



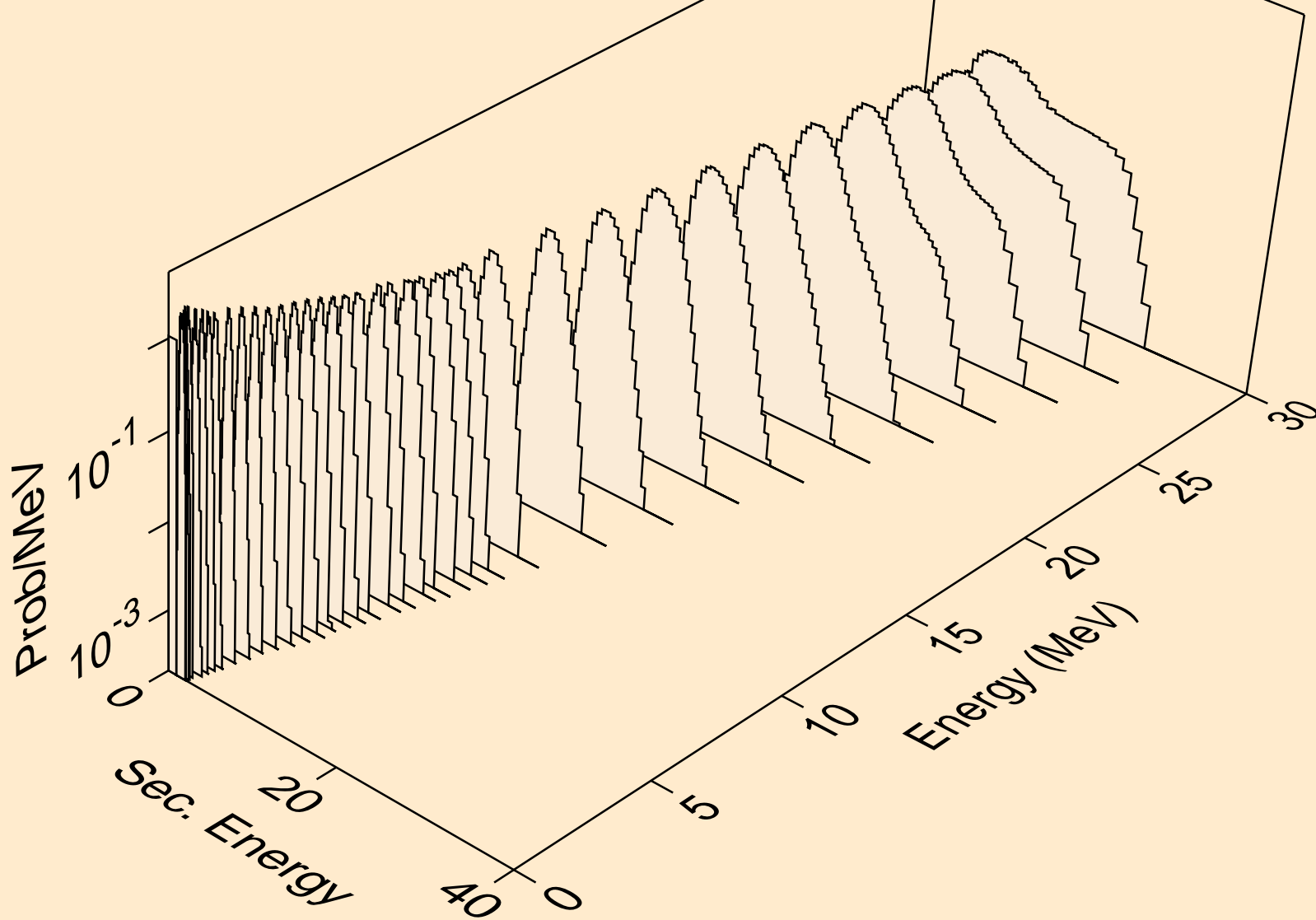
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



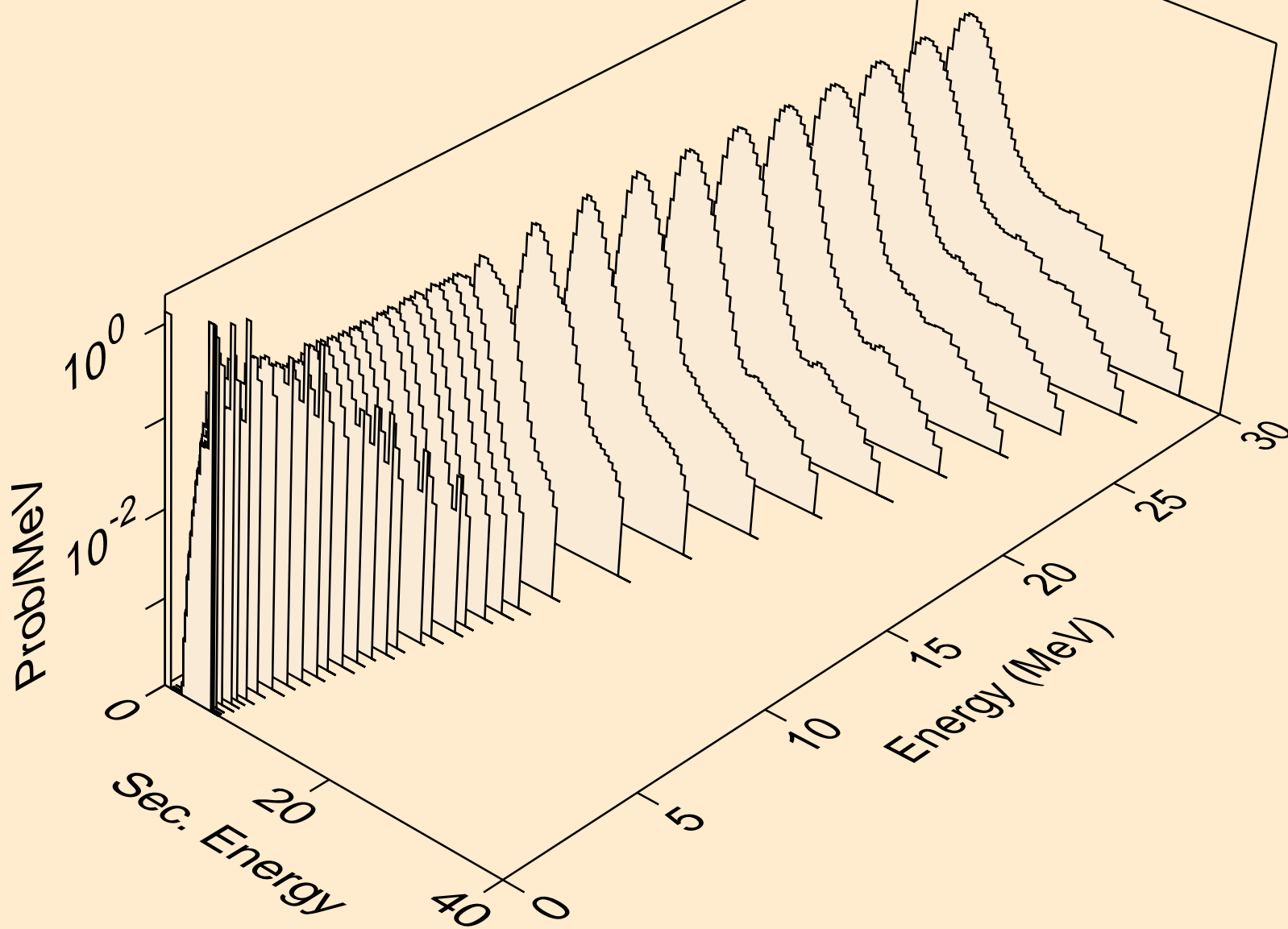
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



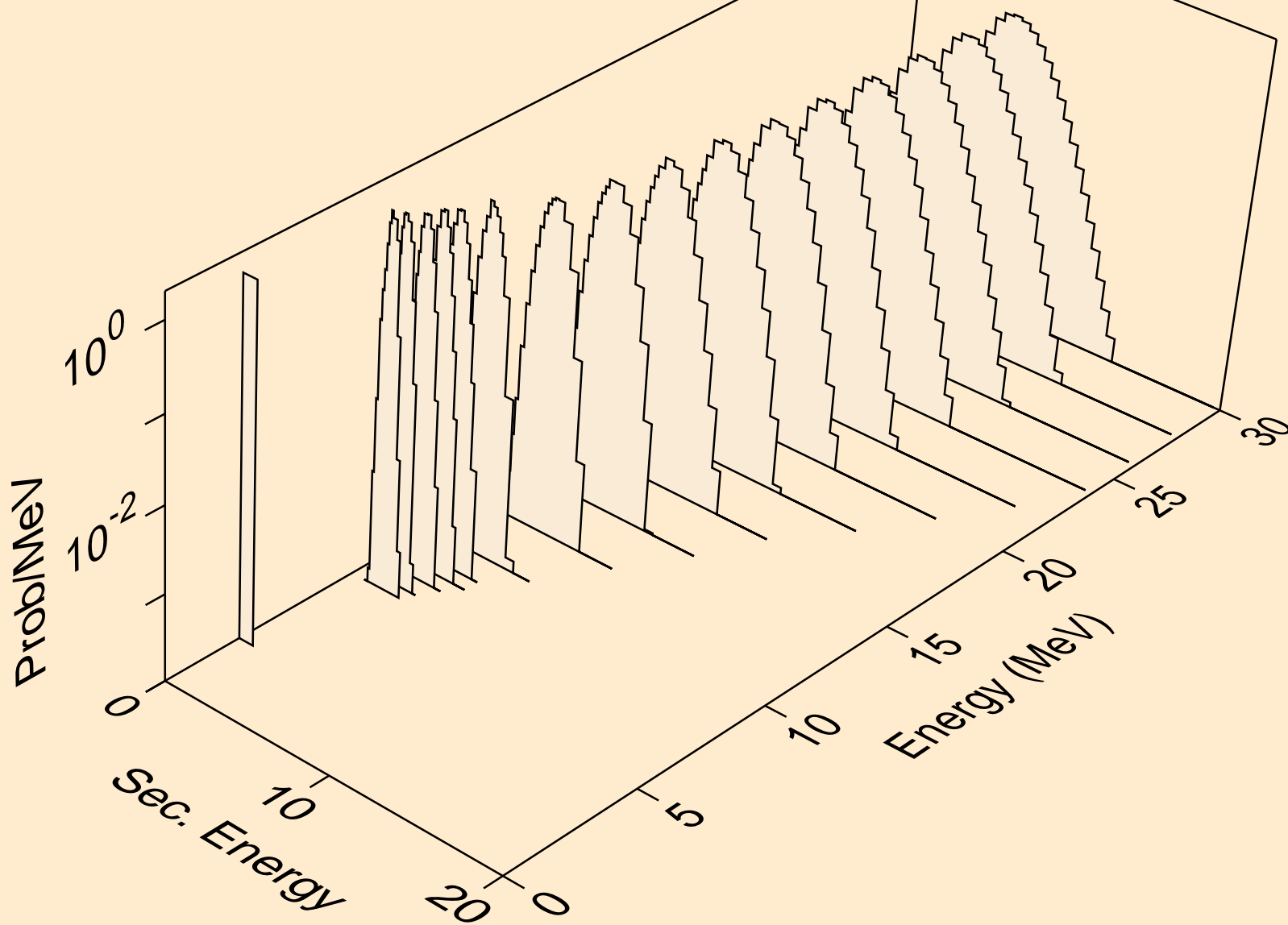
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



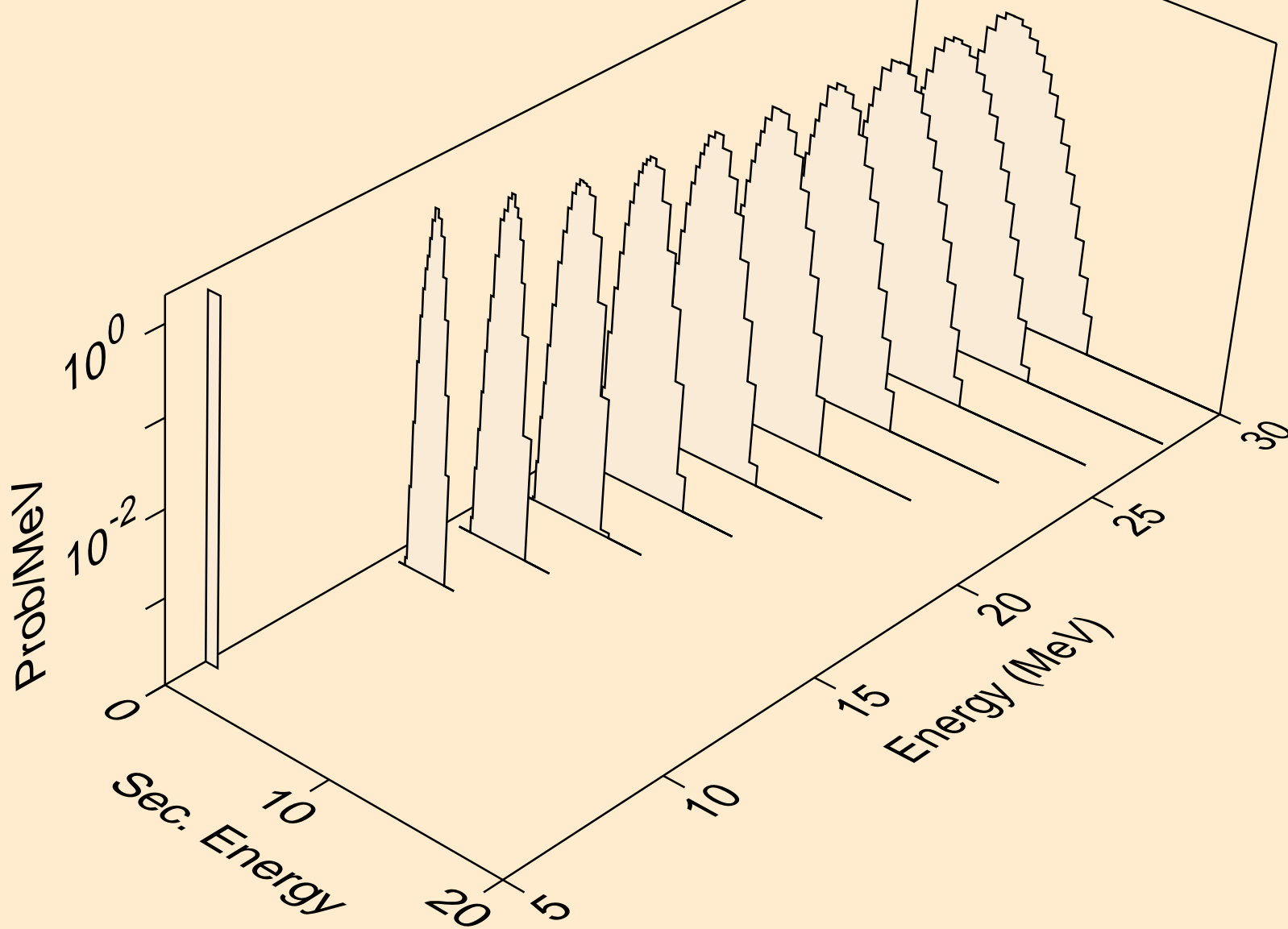
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



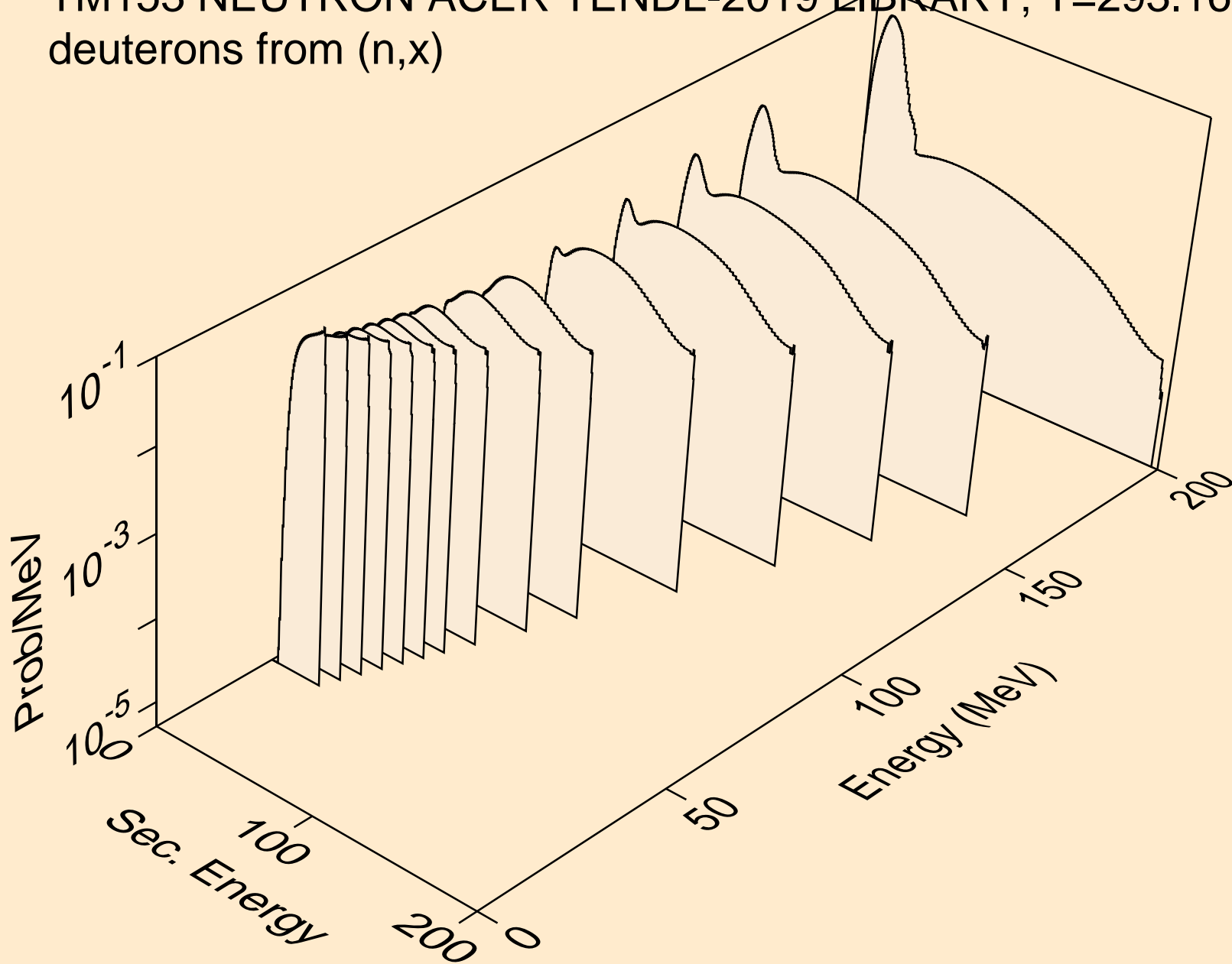
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



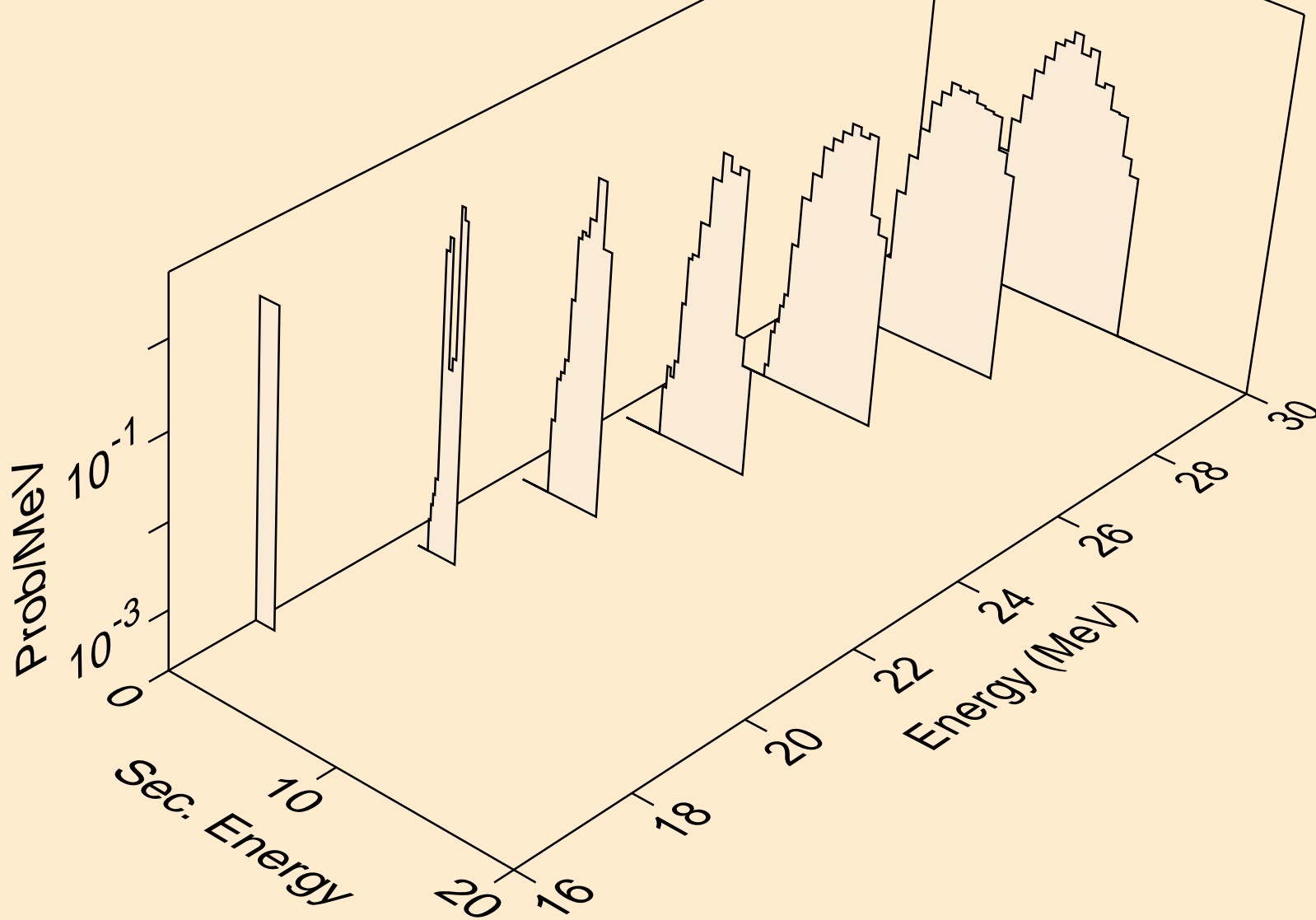
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



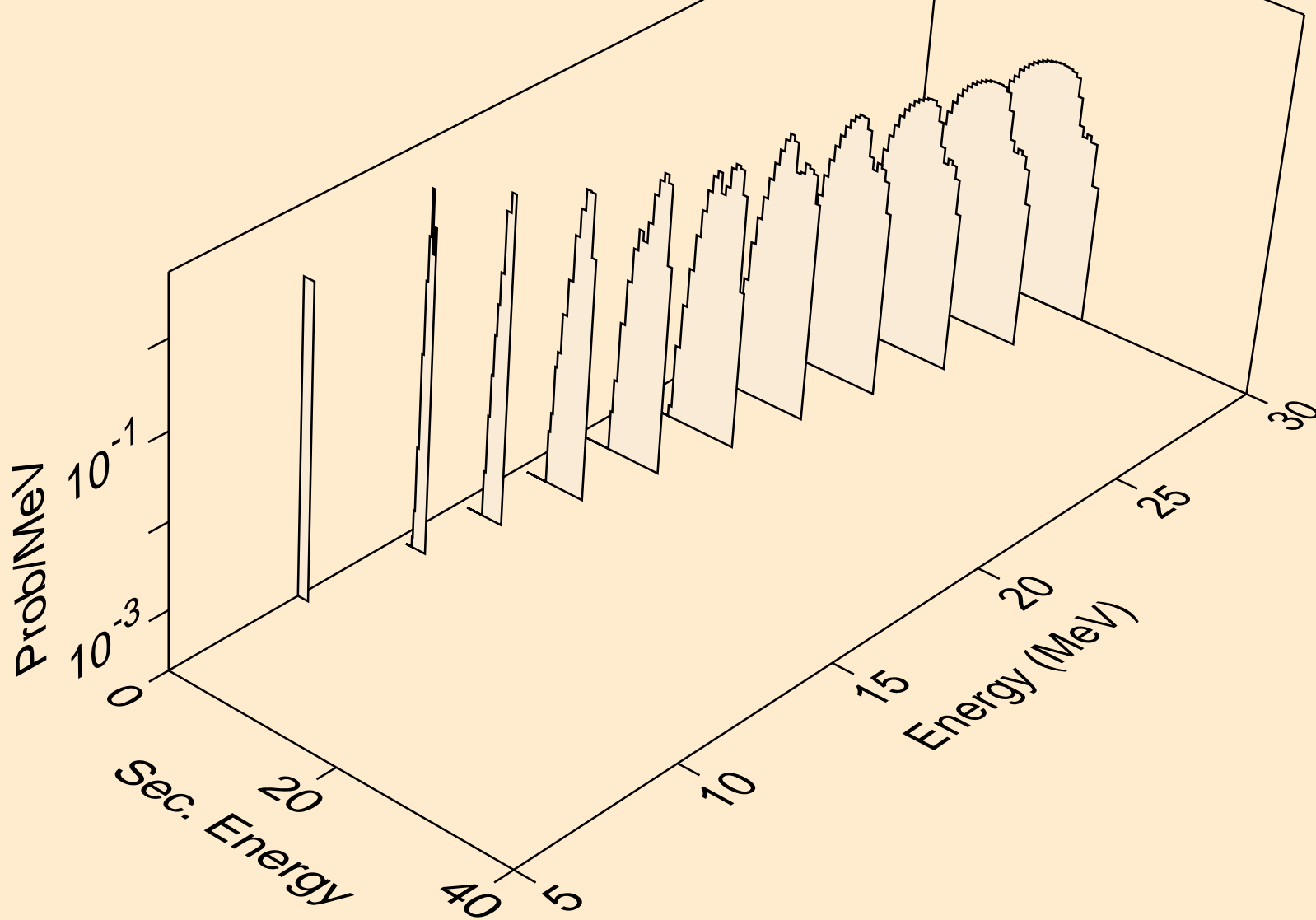
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



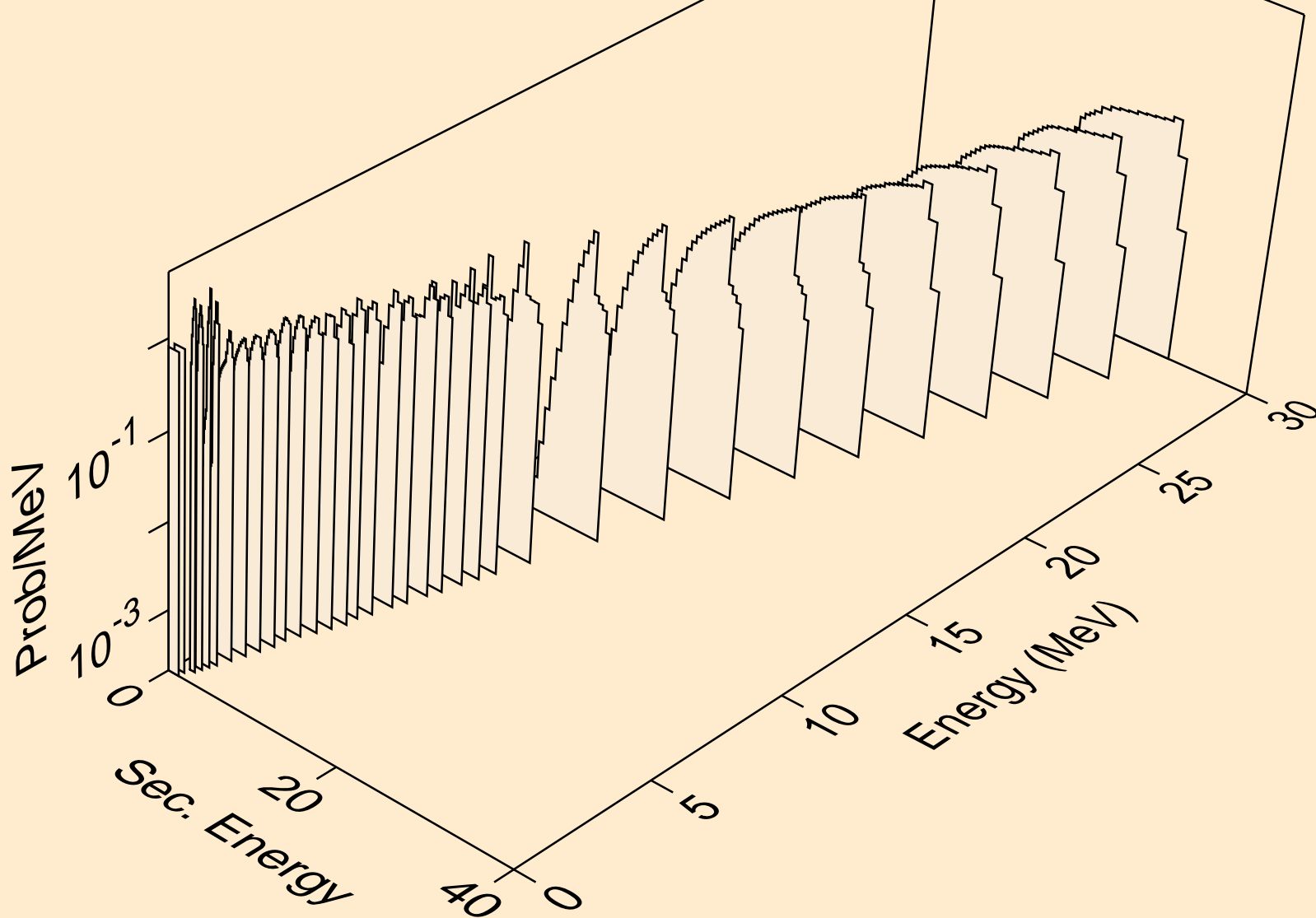
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



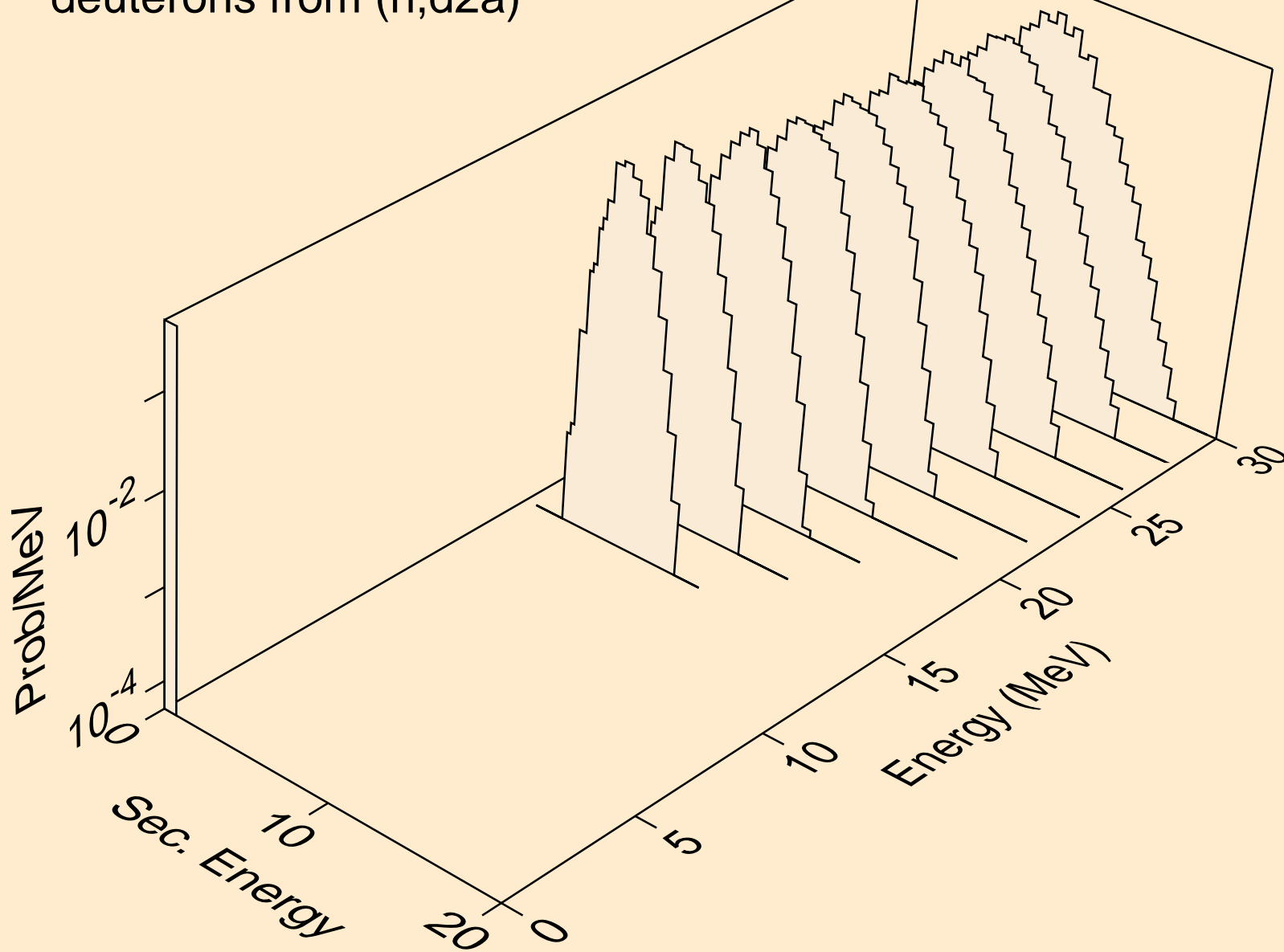
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



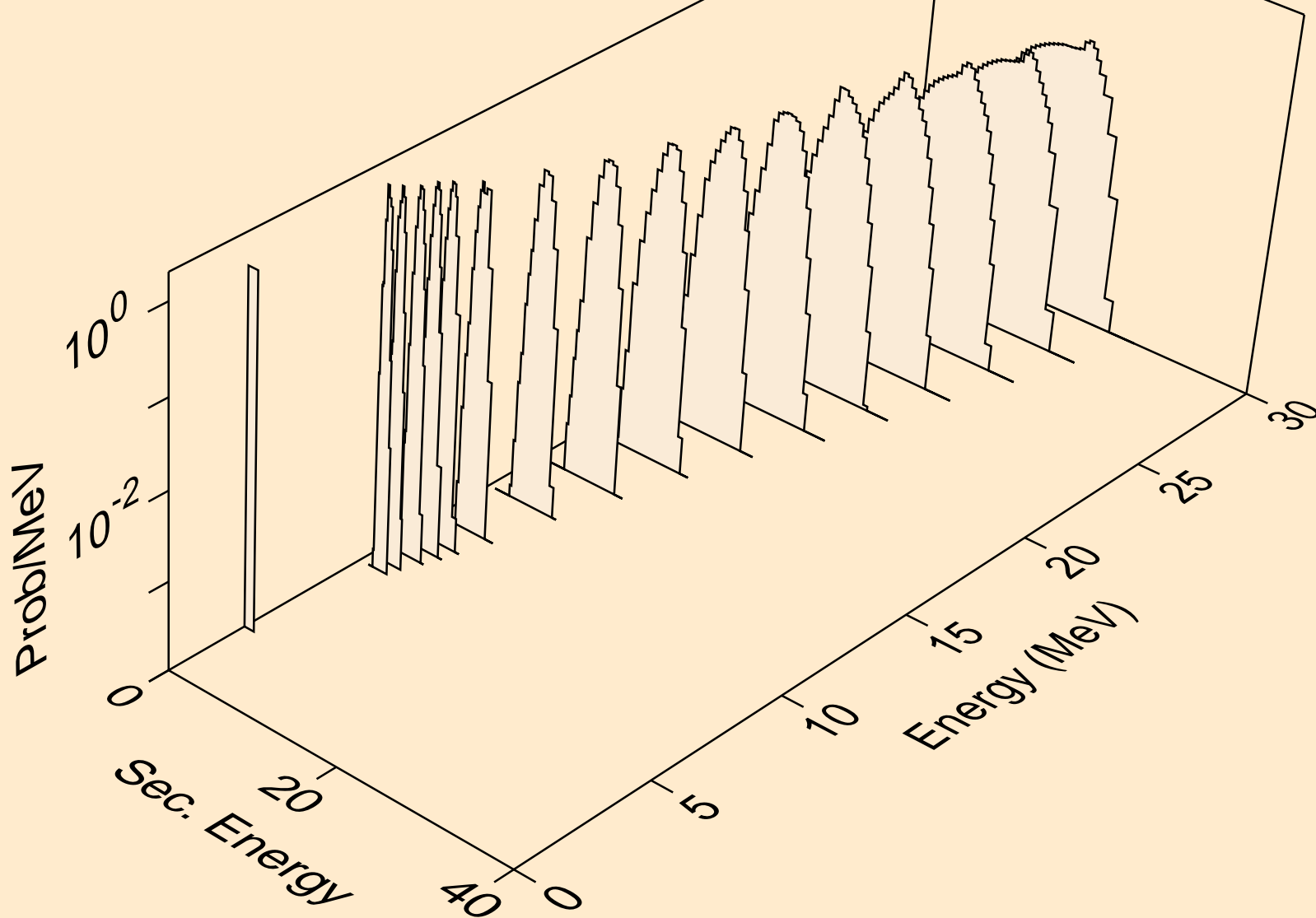
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



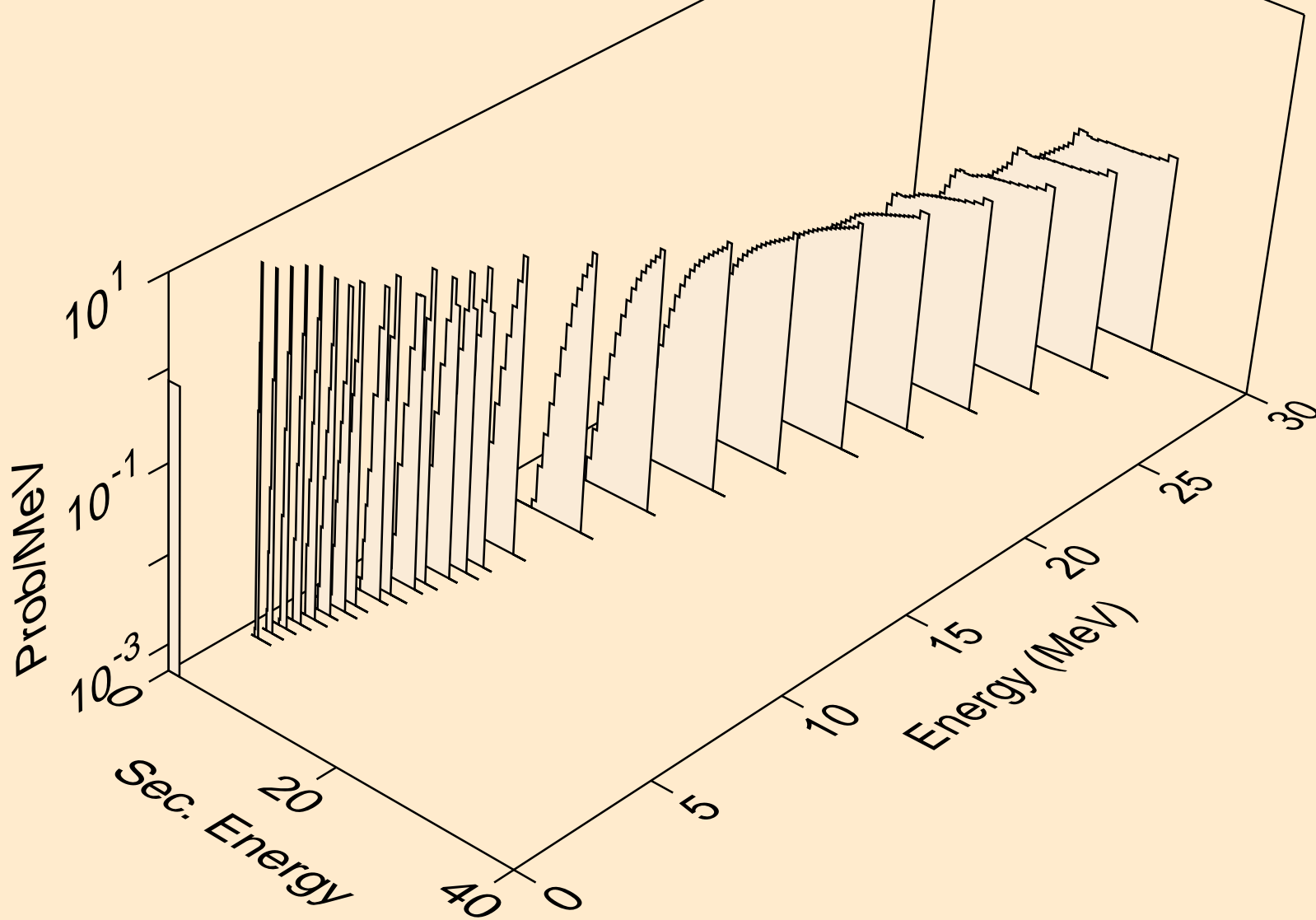
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d2a)



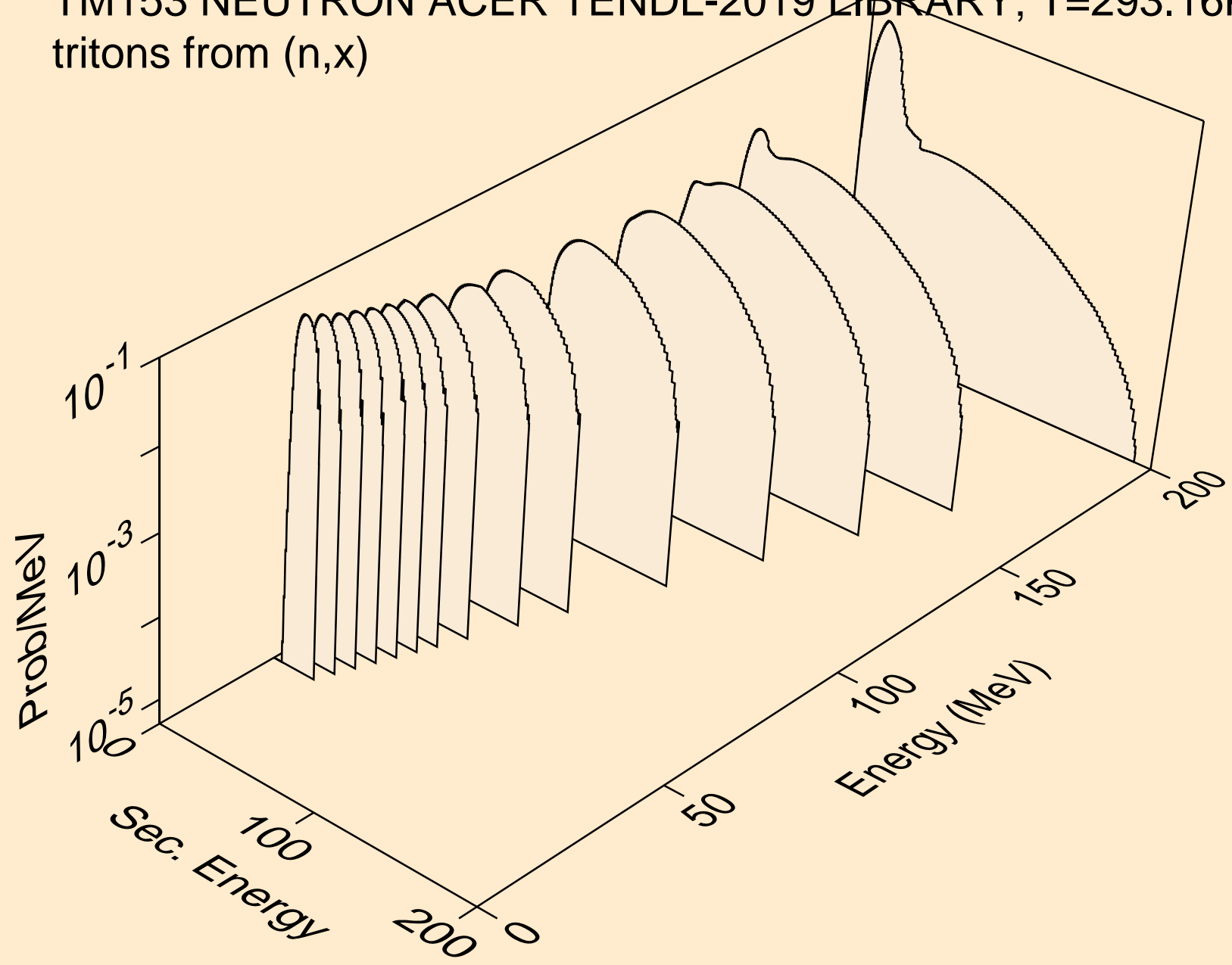
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



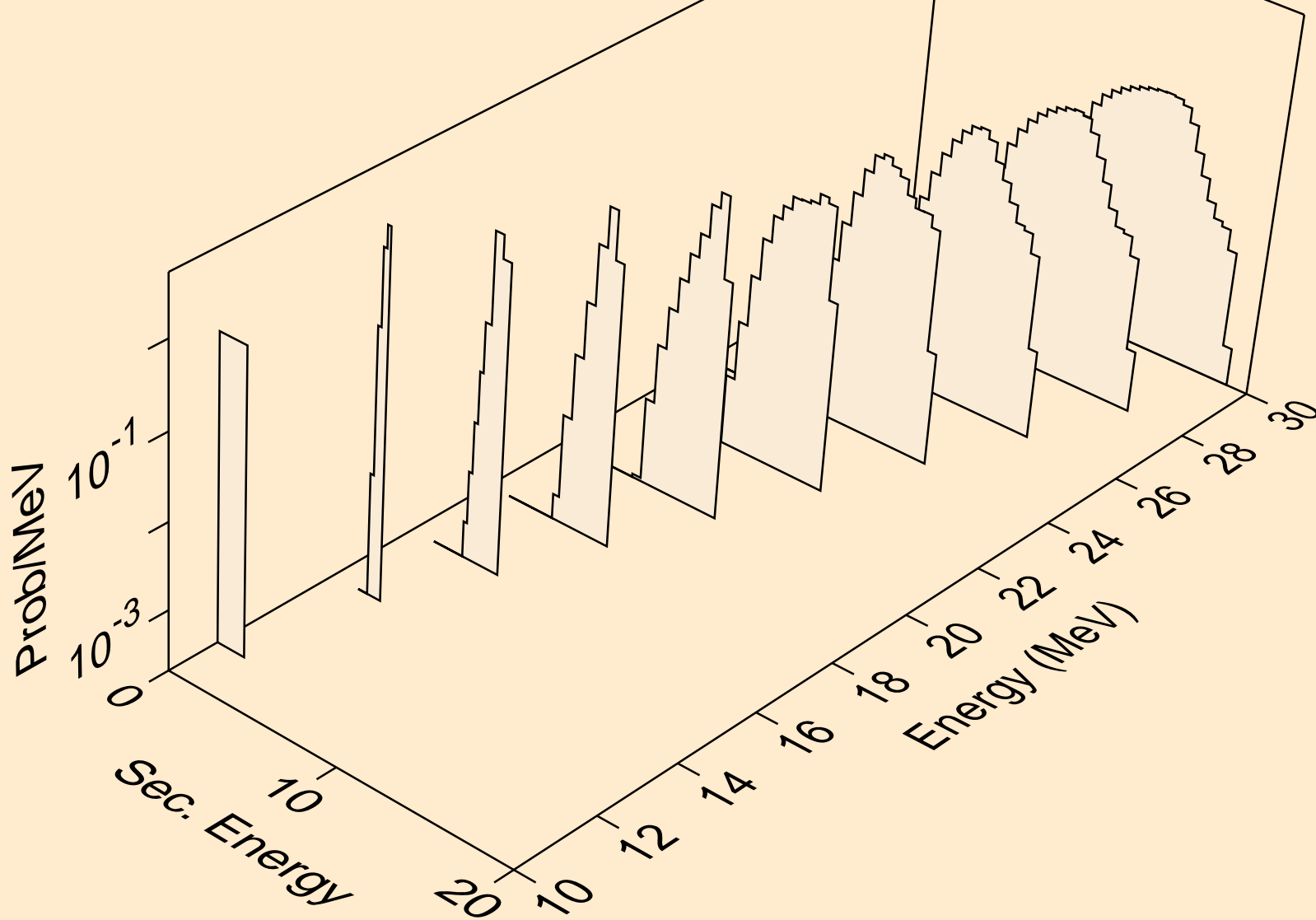
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



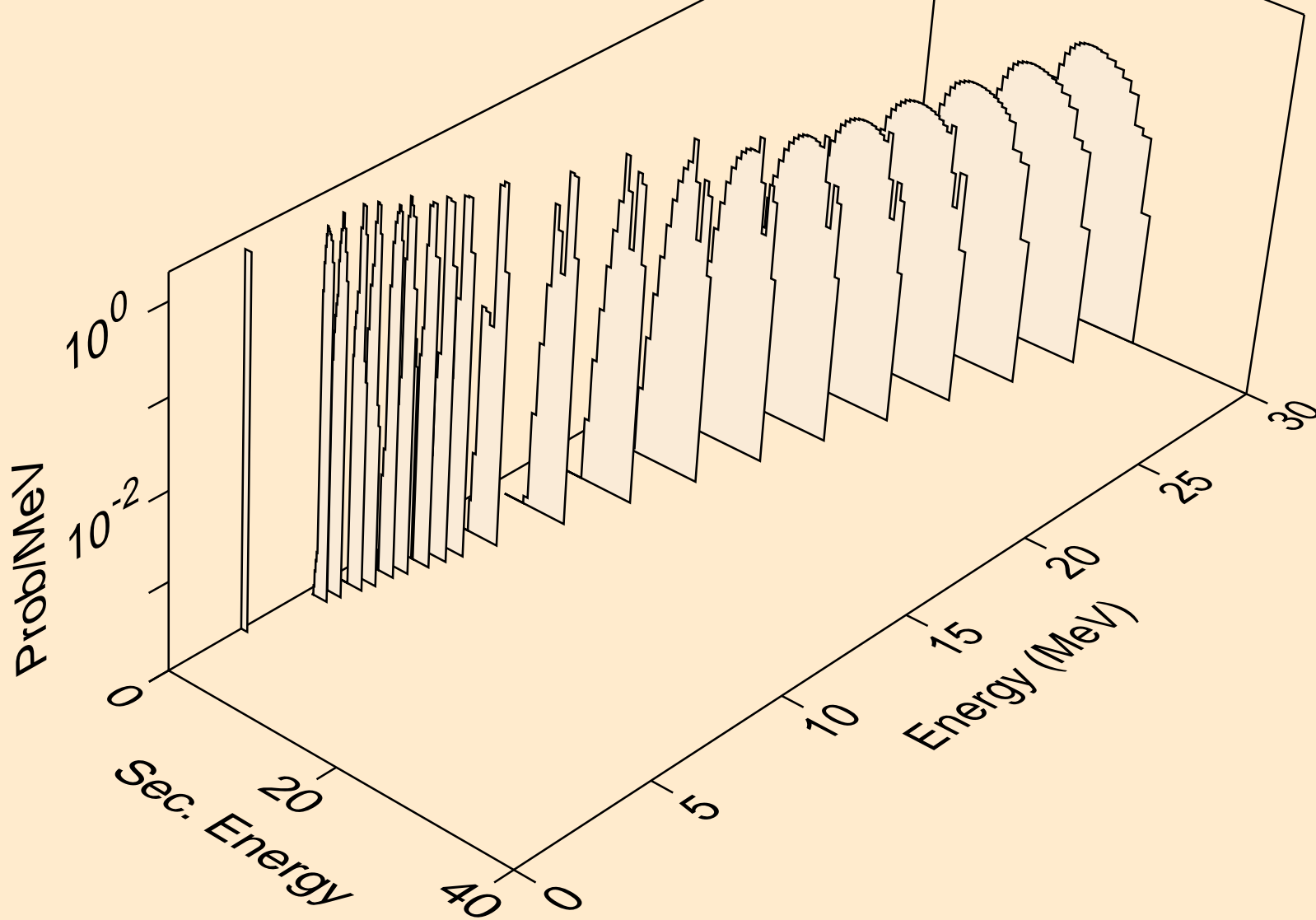
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



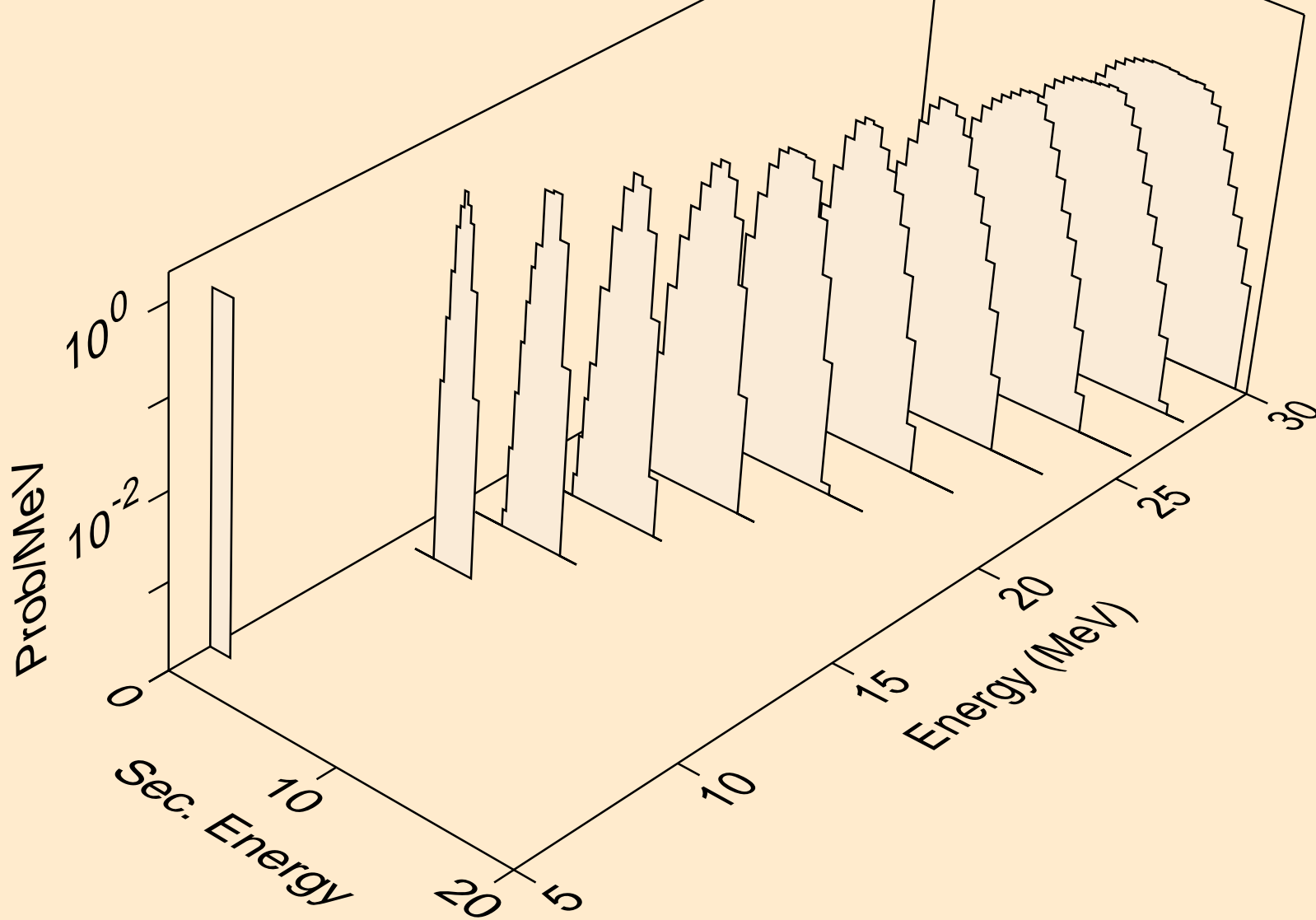
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



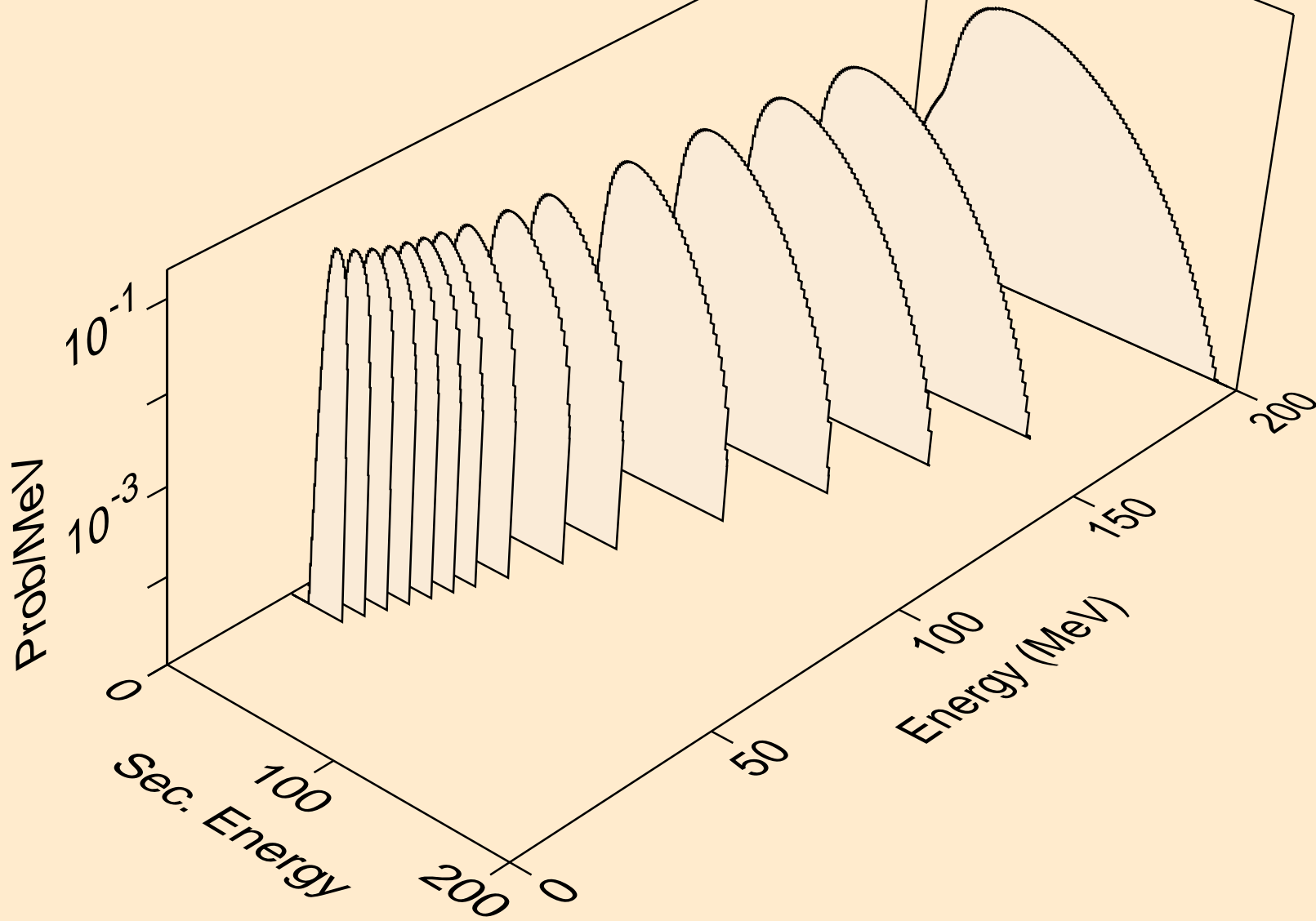
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



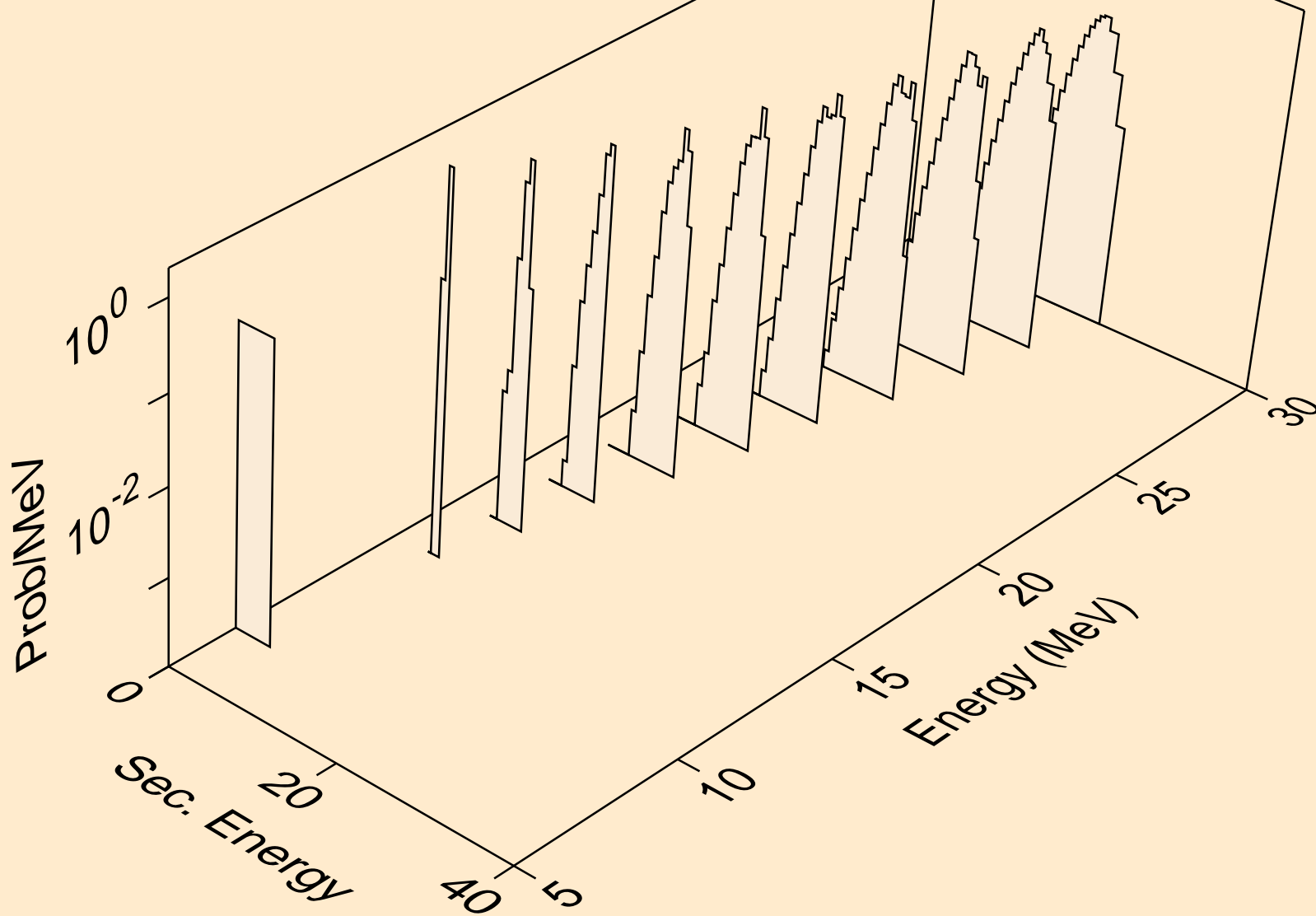
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



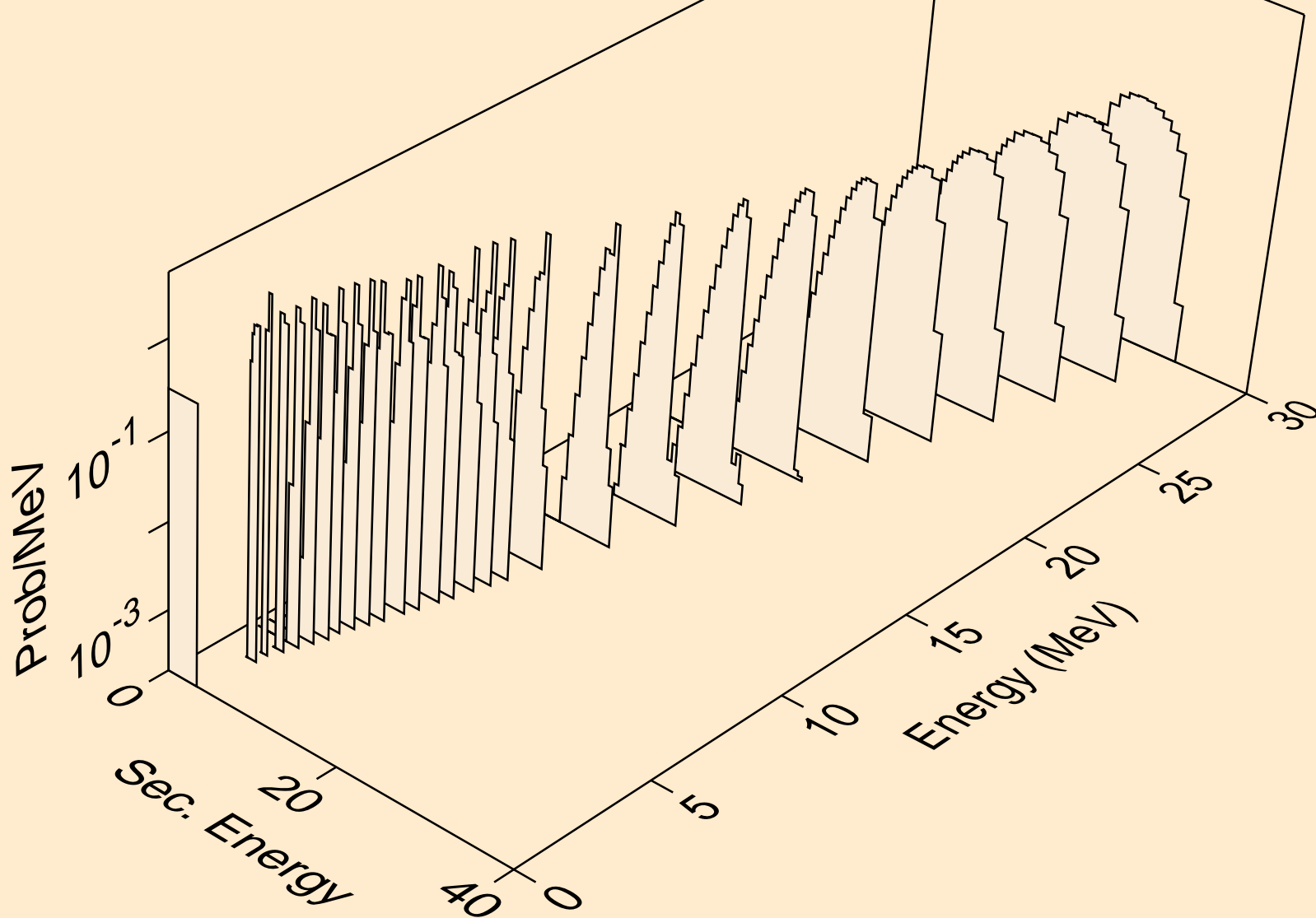
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



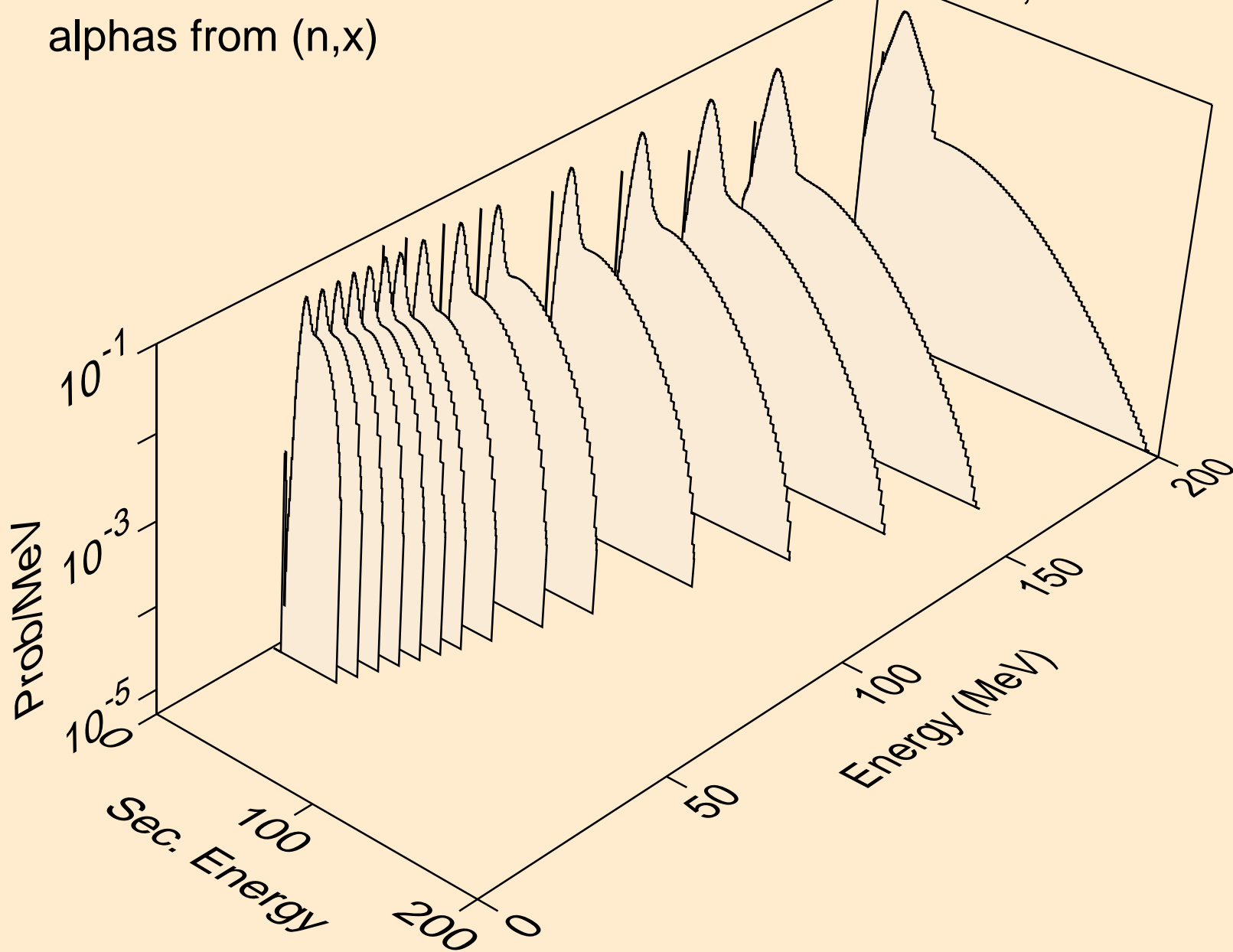
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



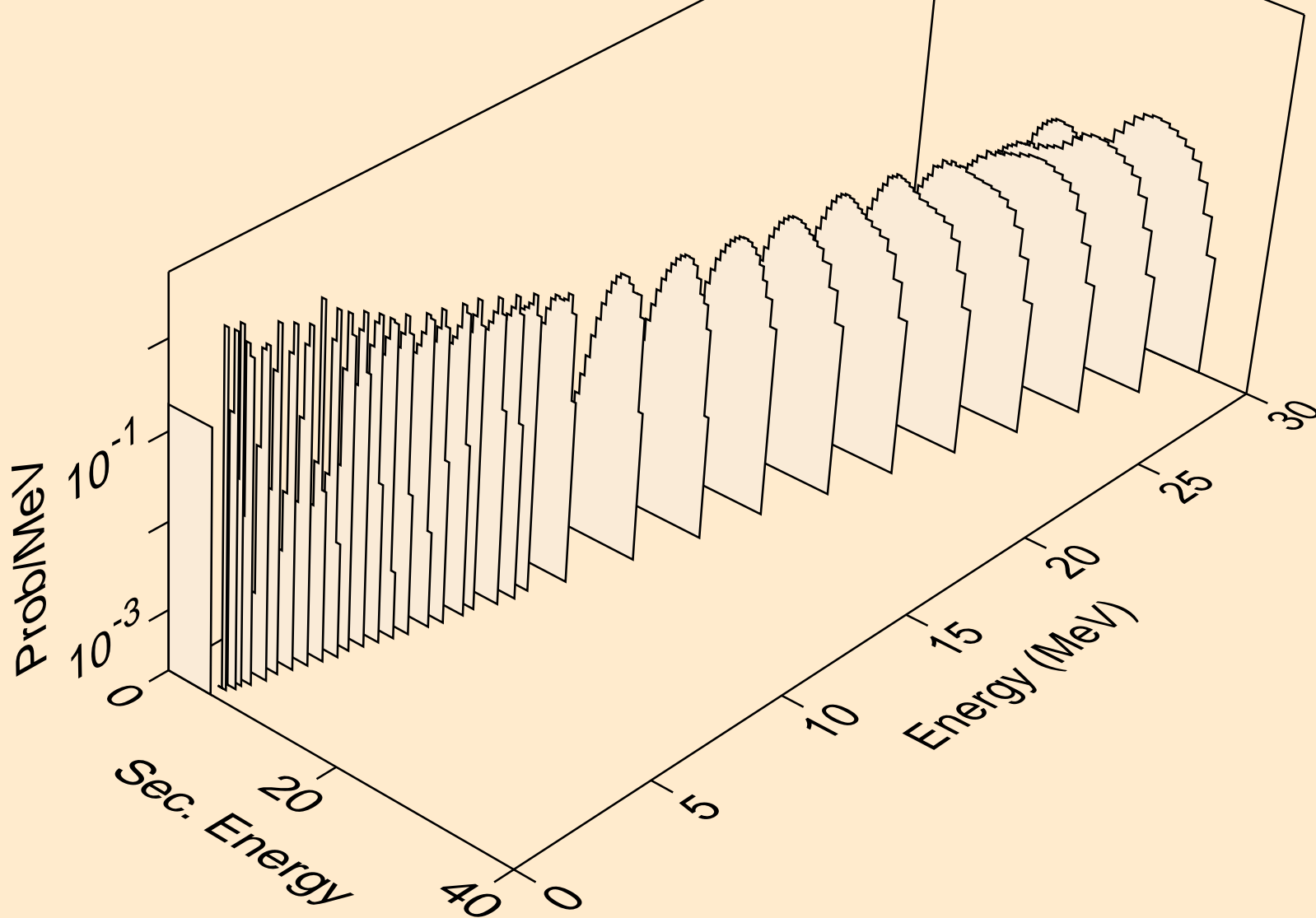
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



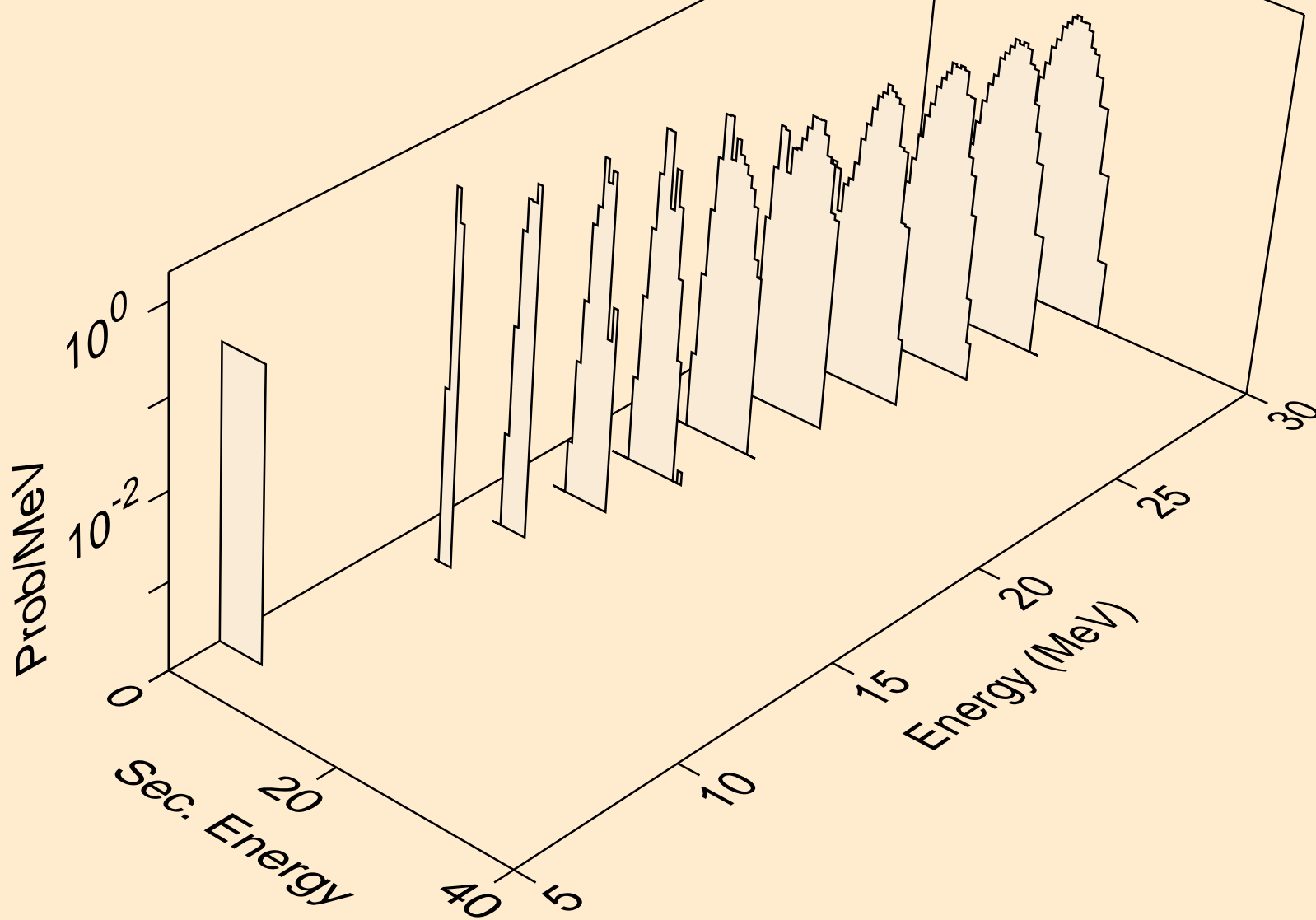
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



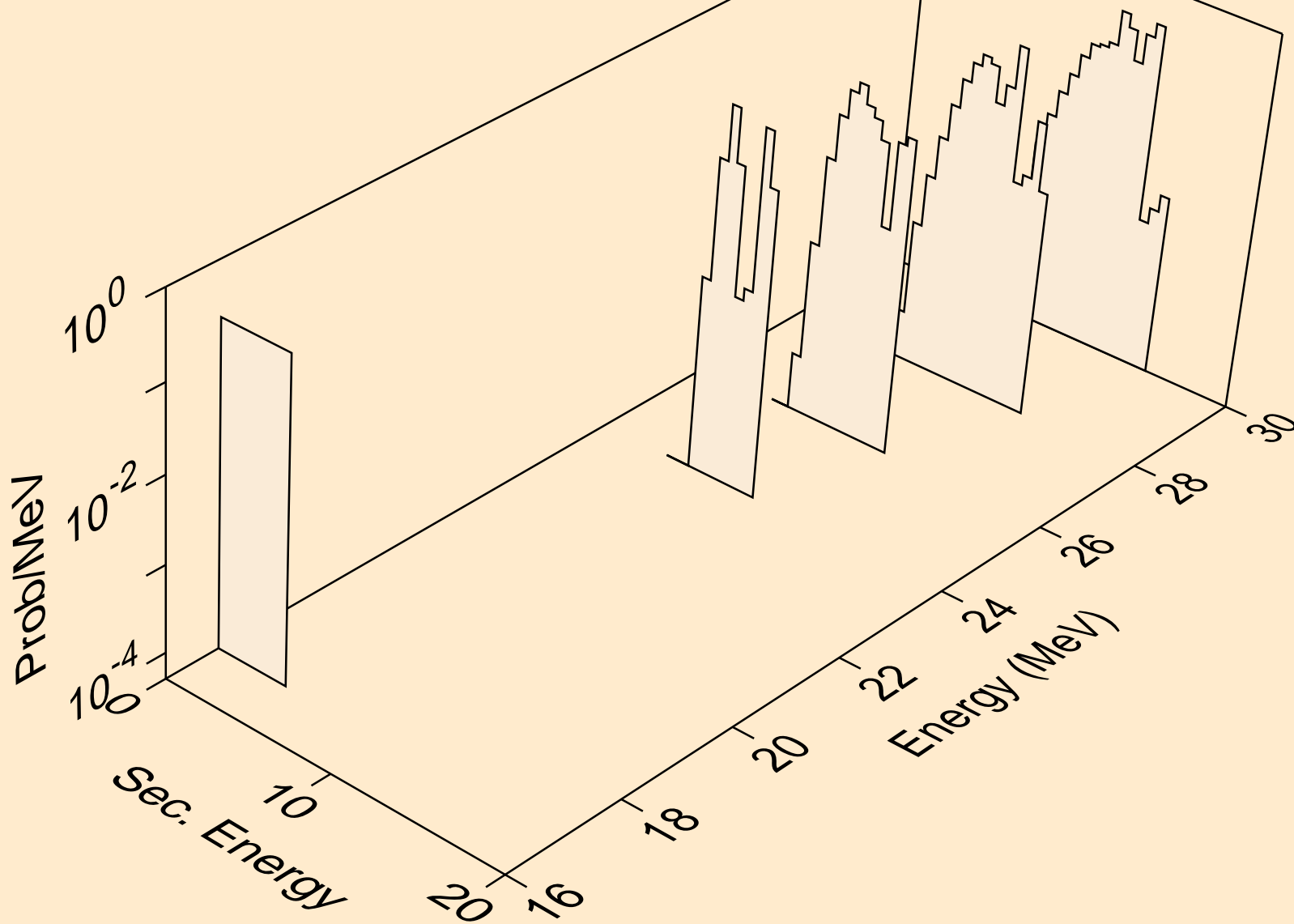
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



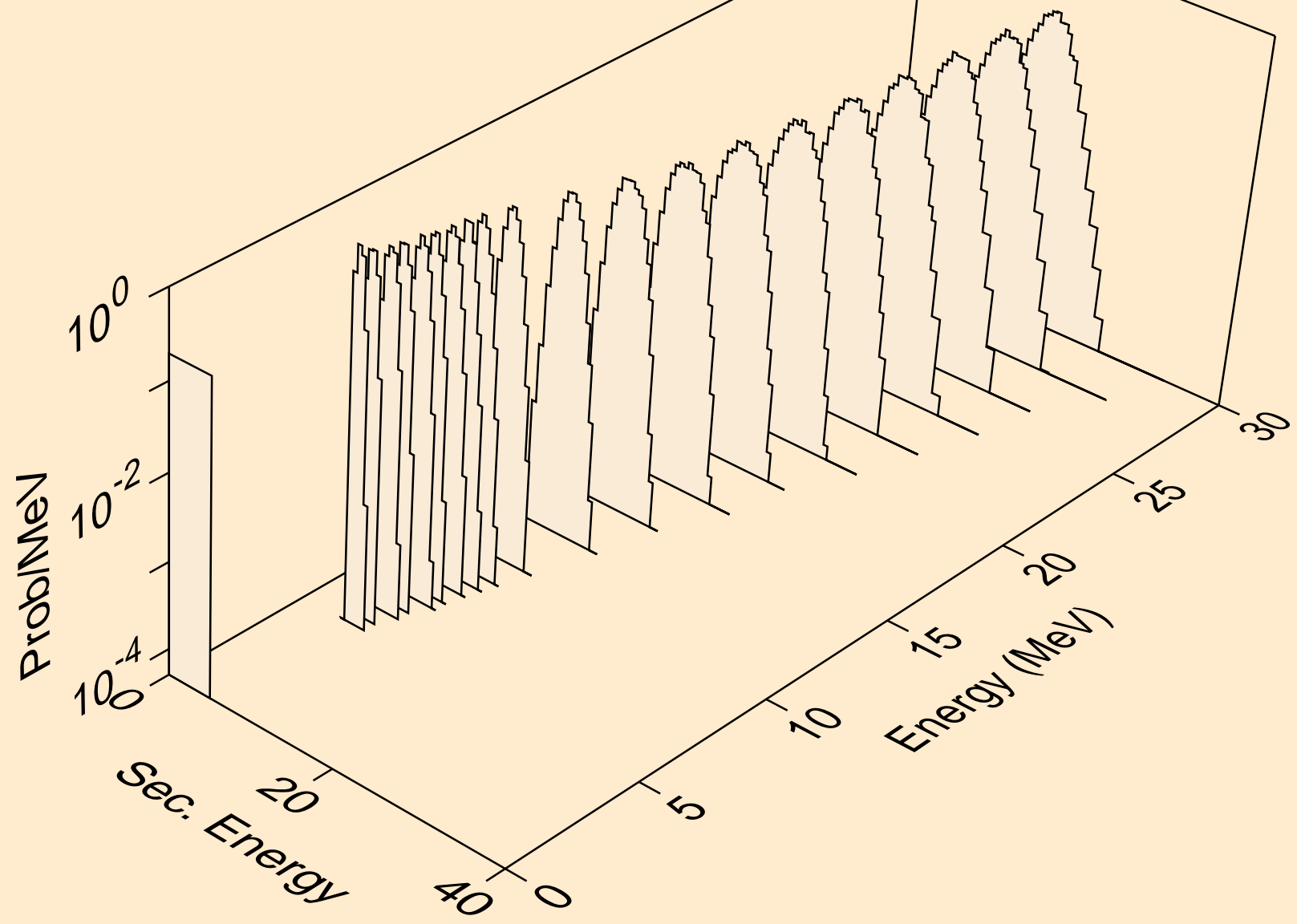
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



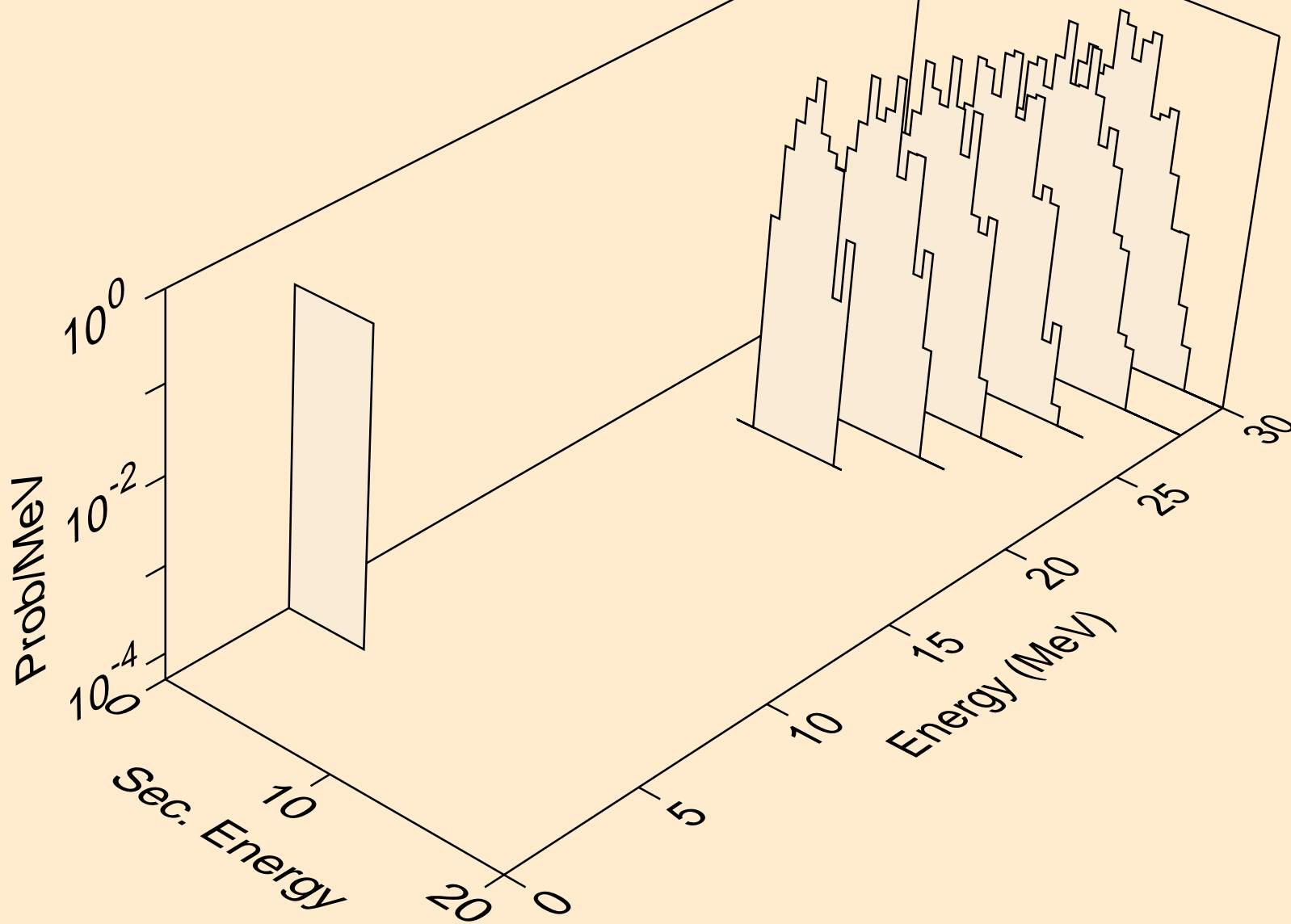
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



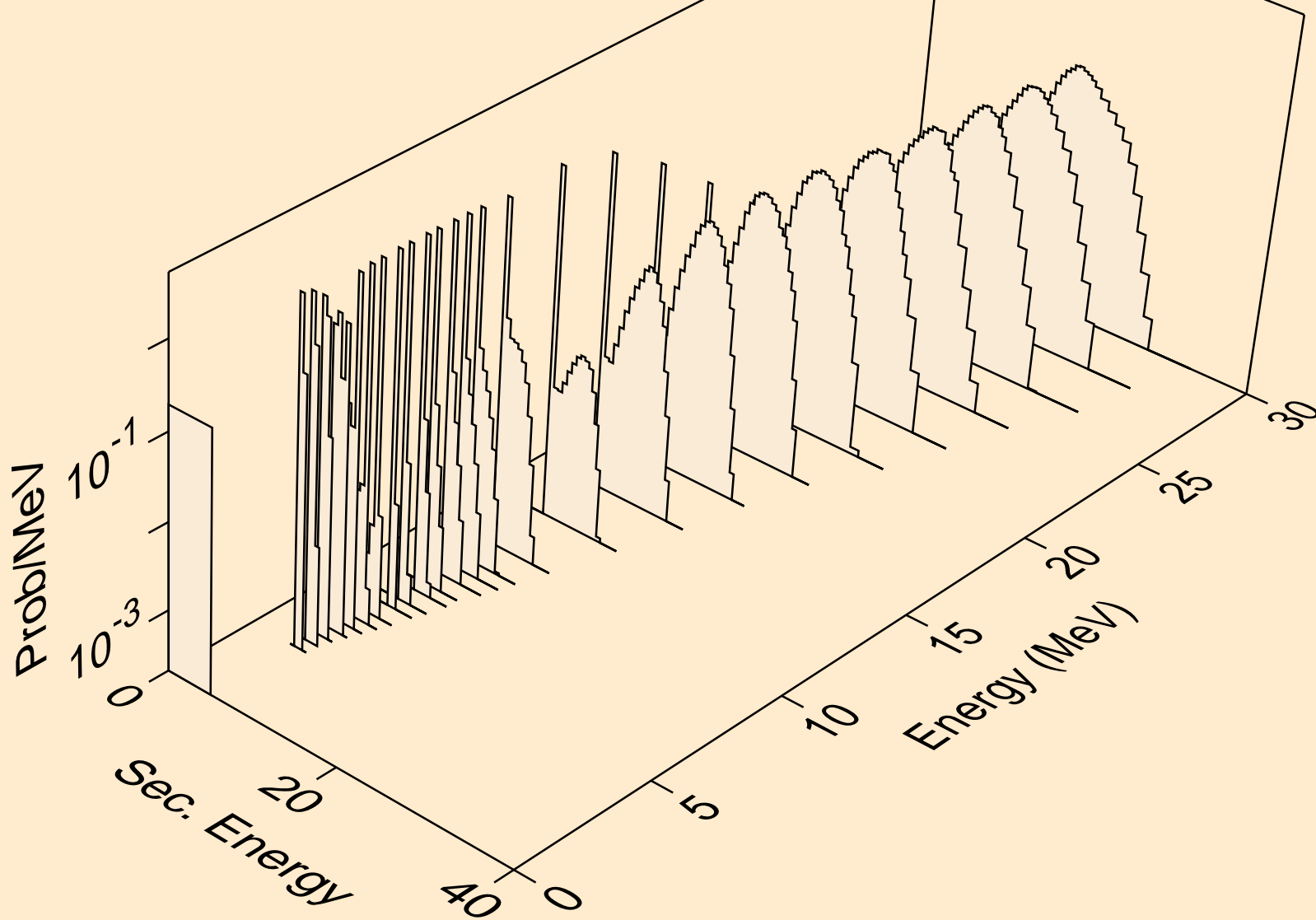
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



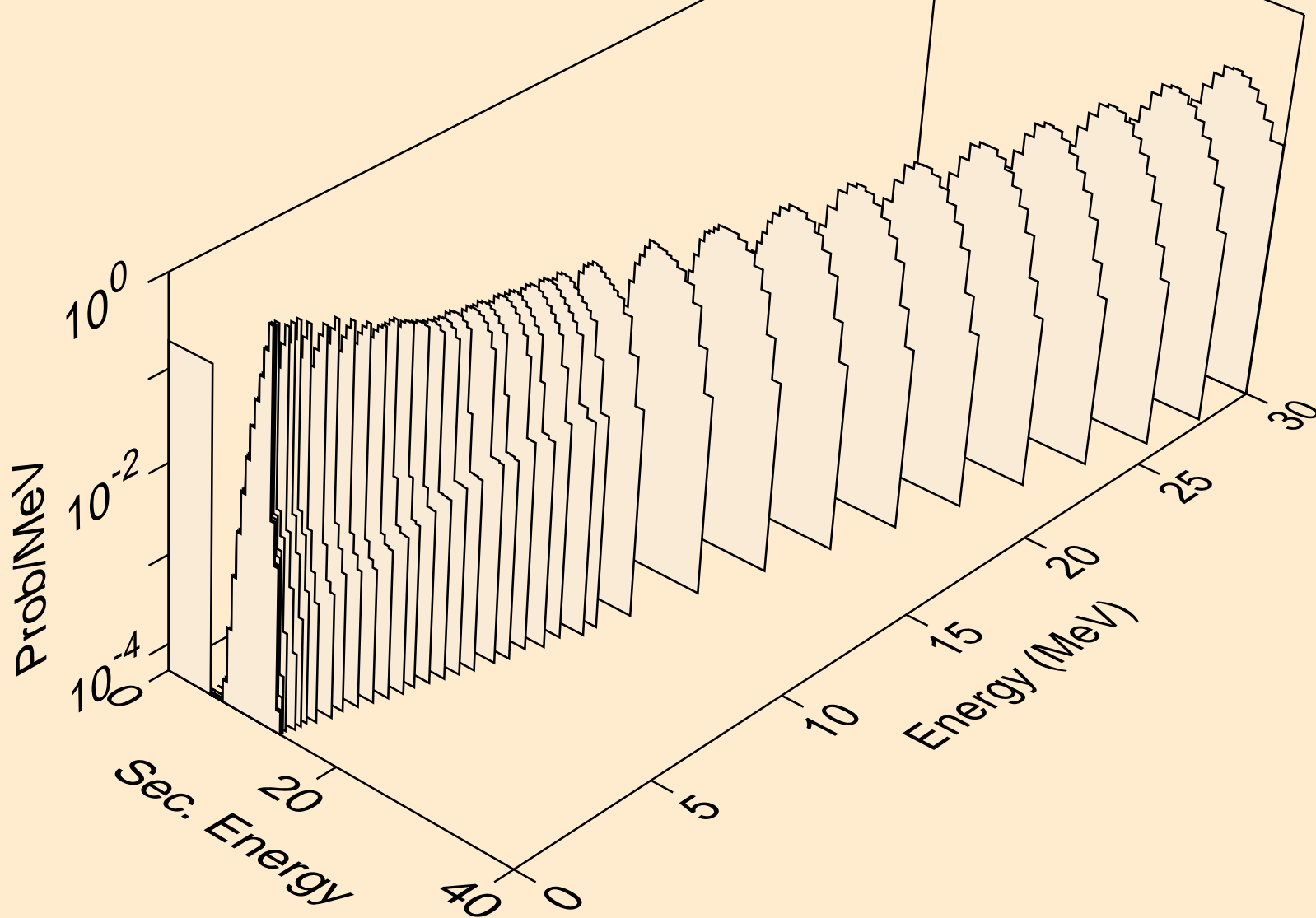
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



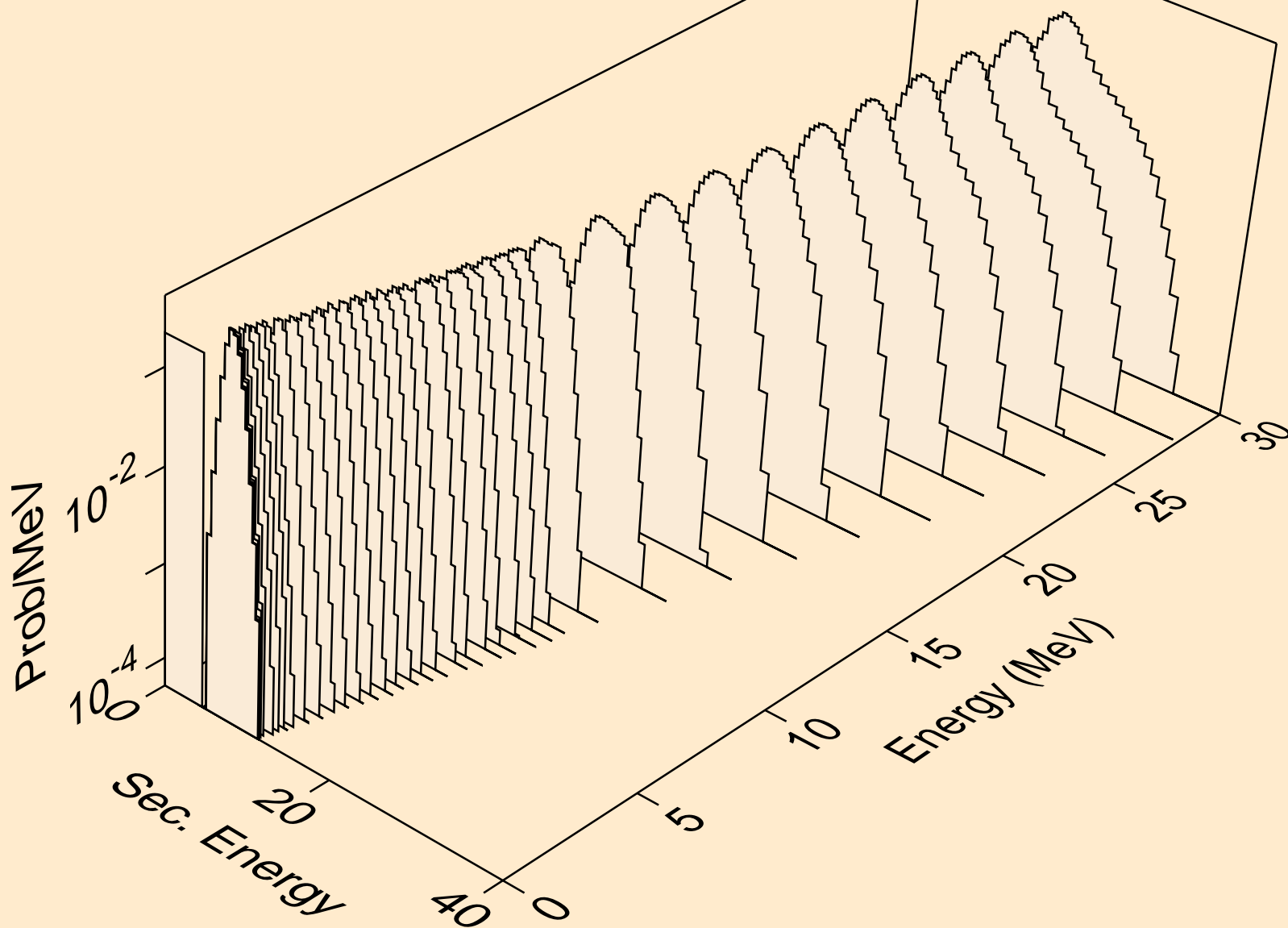
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



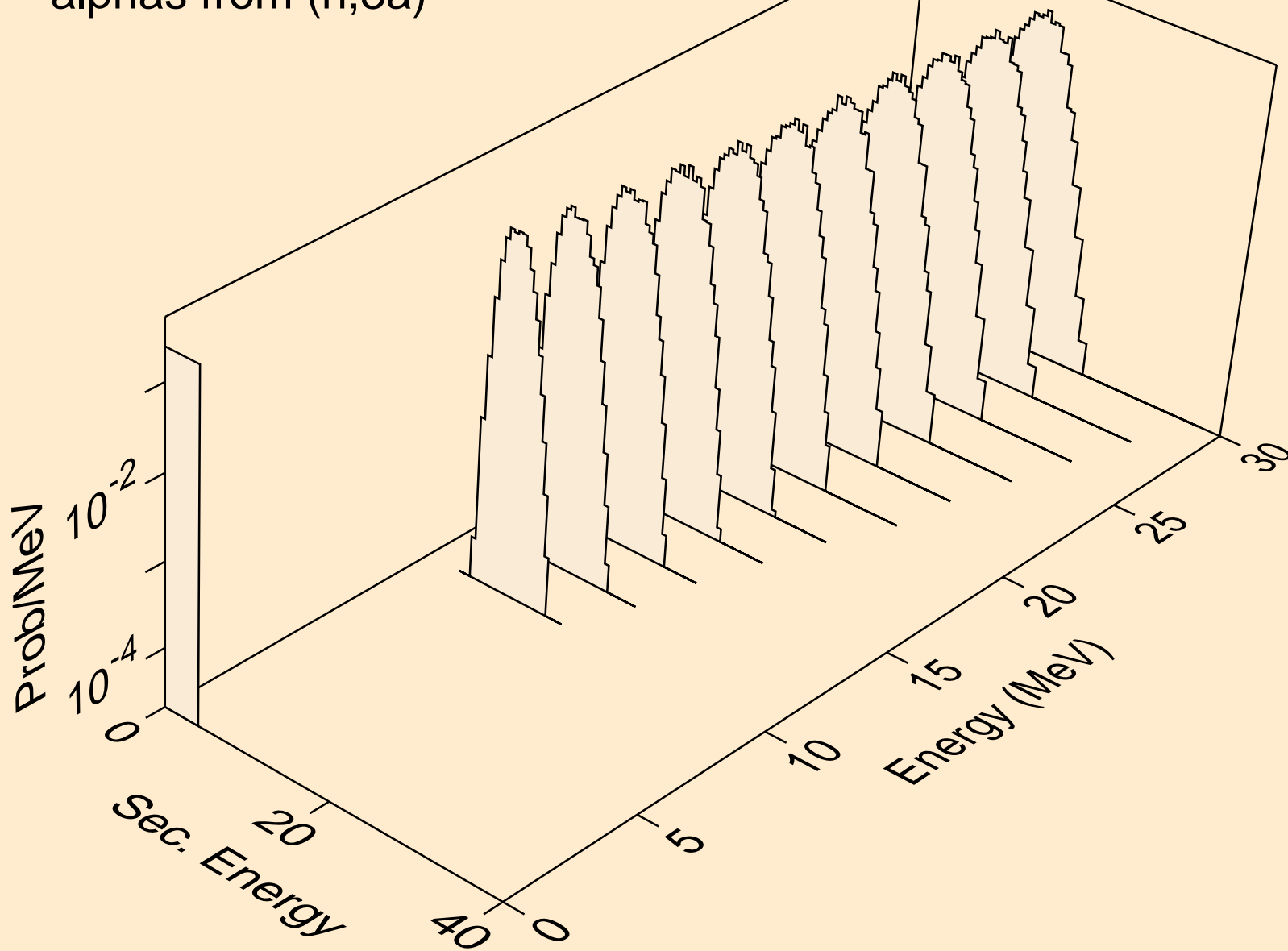
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



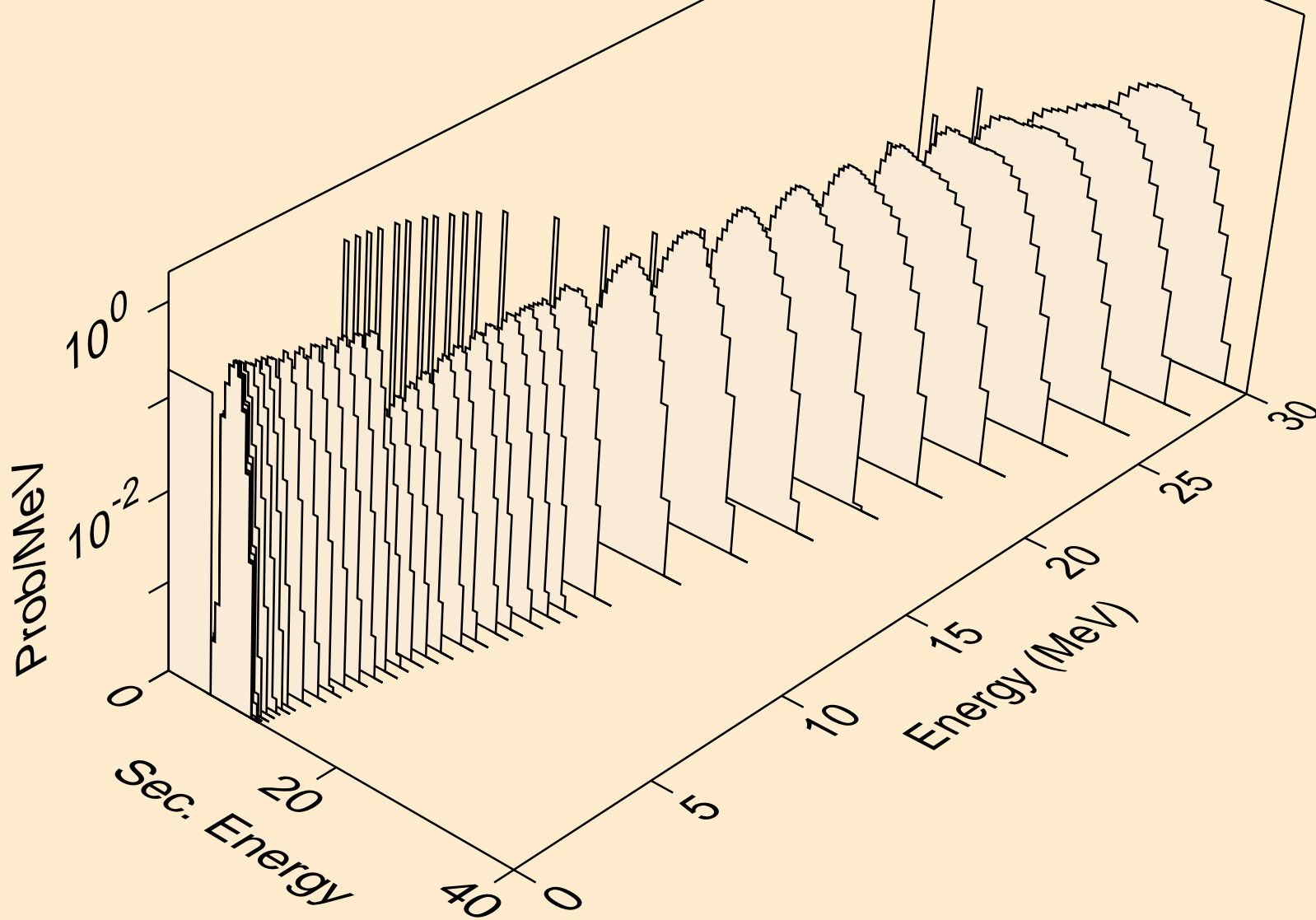
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



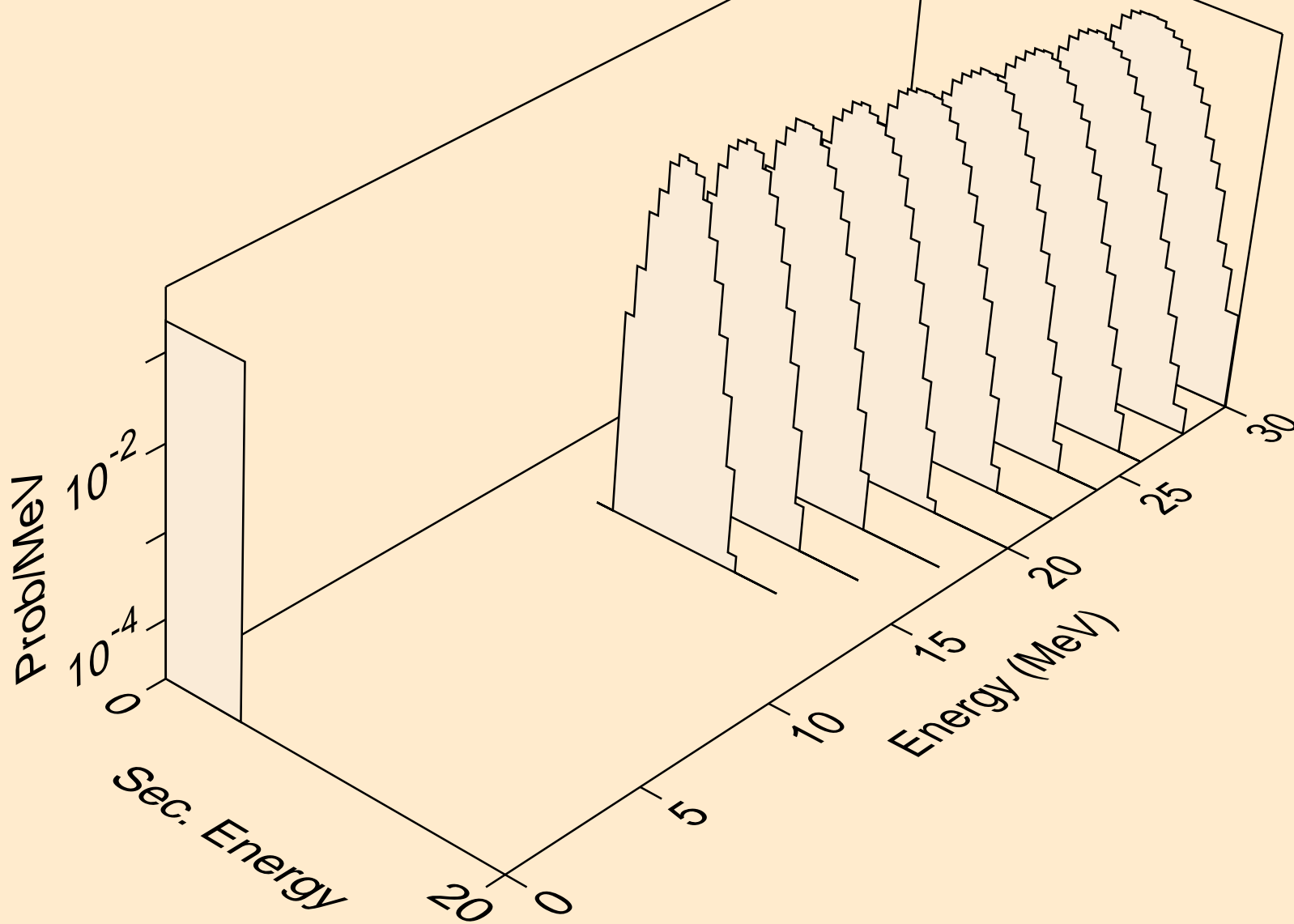
TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,d2a)



TM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

