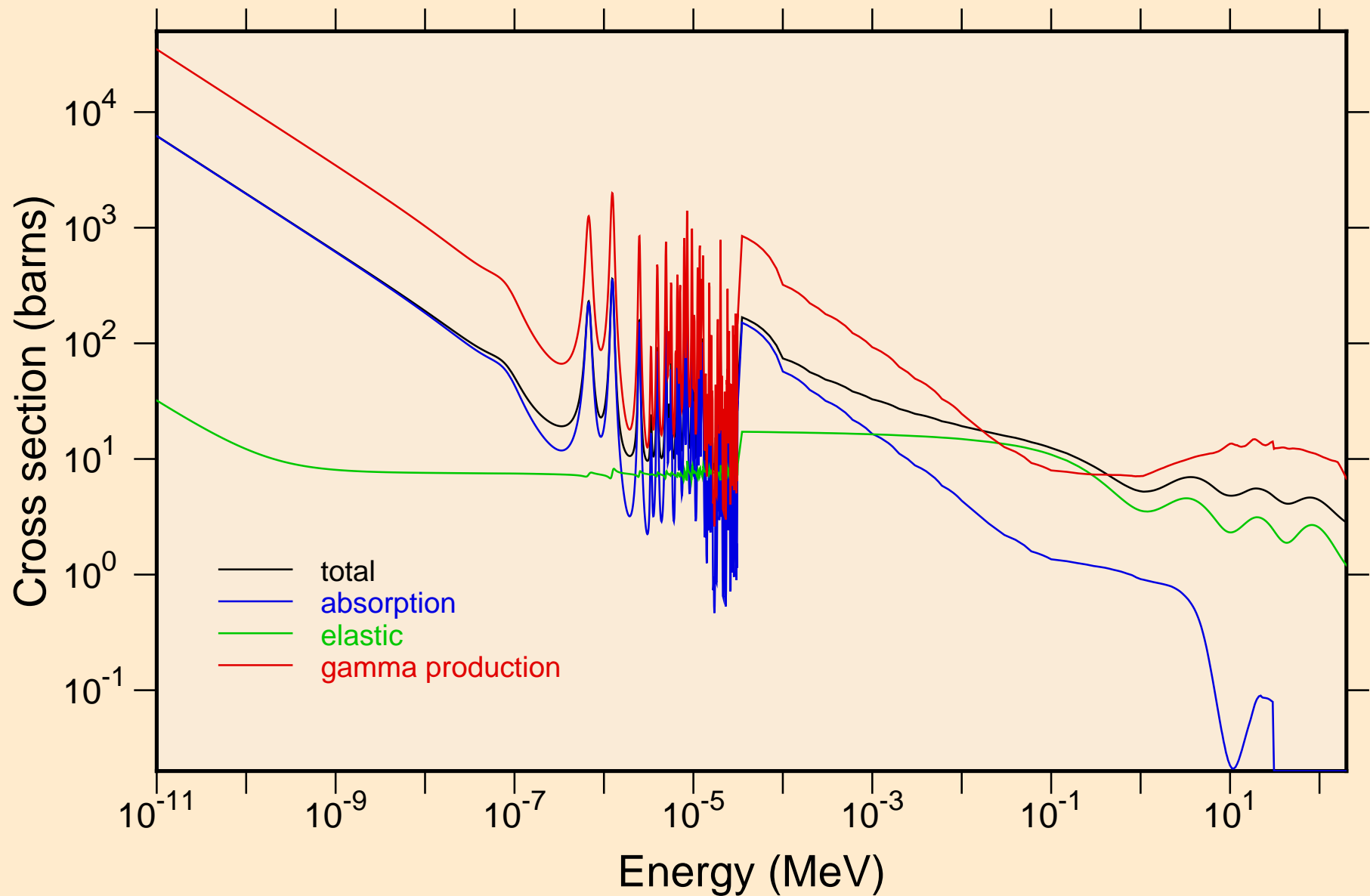
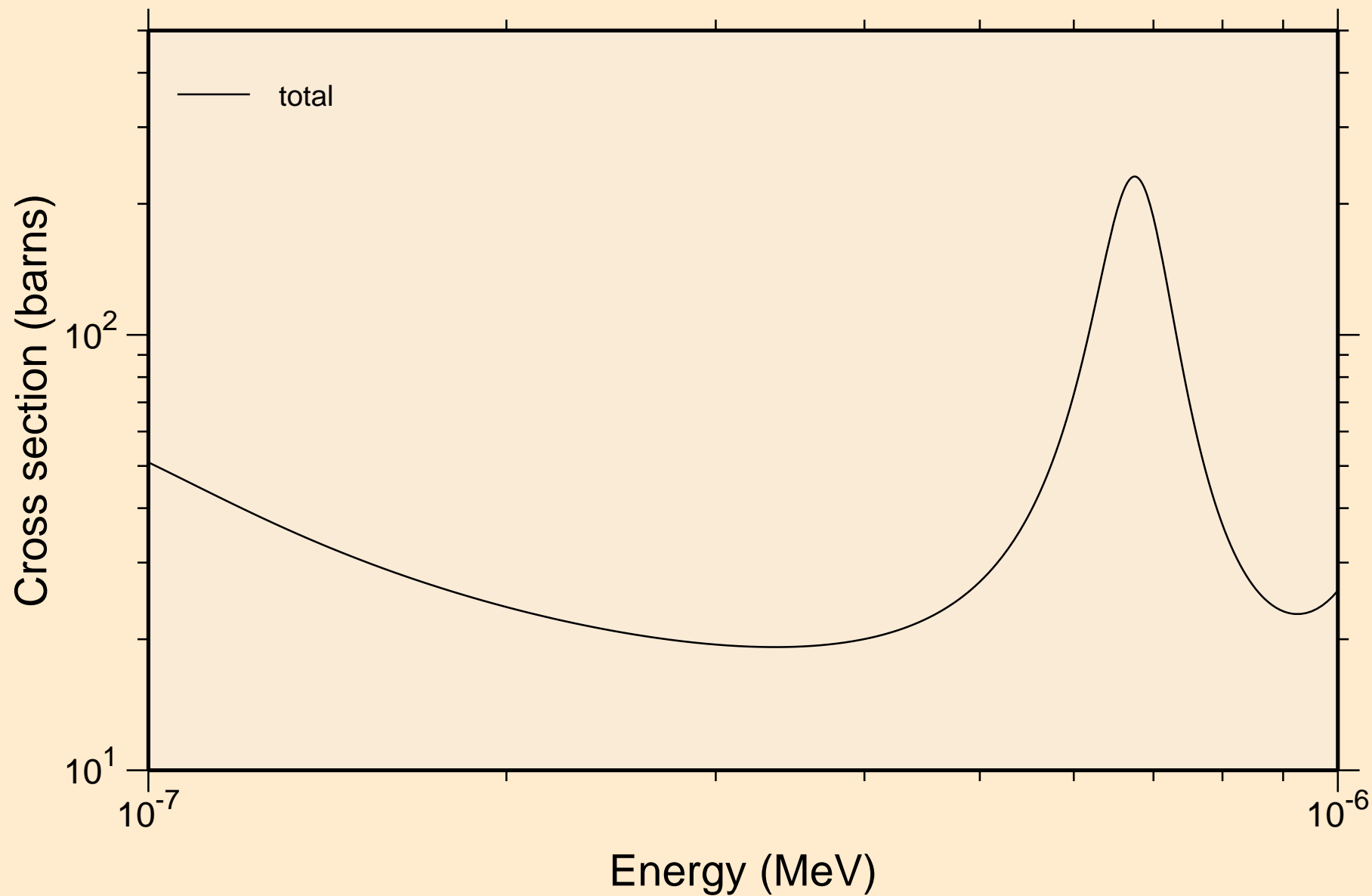


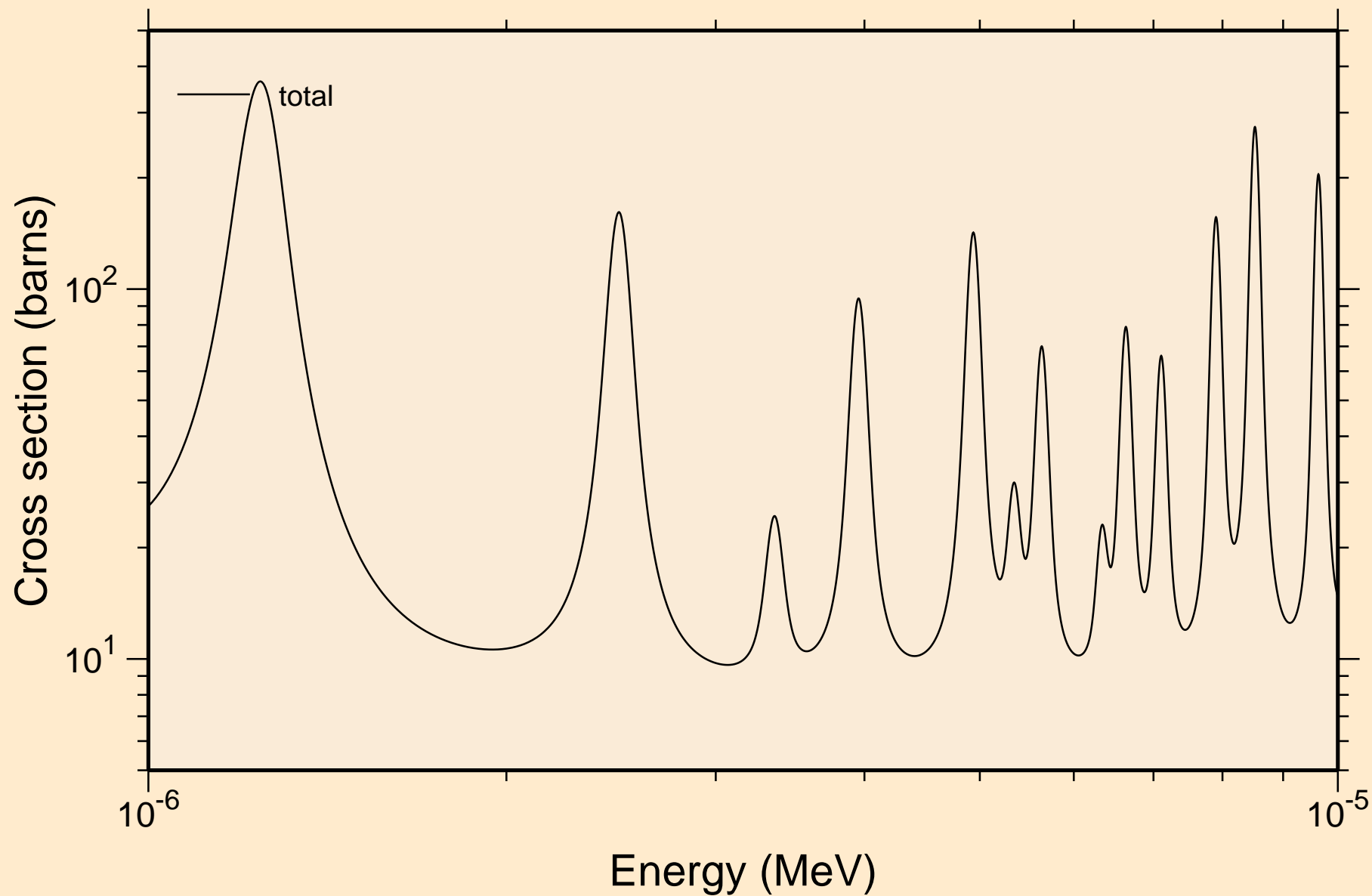
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



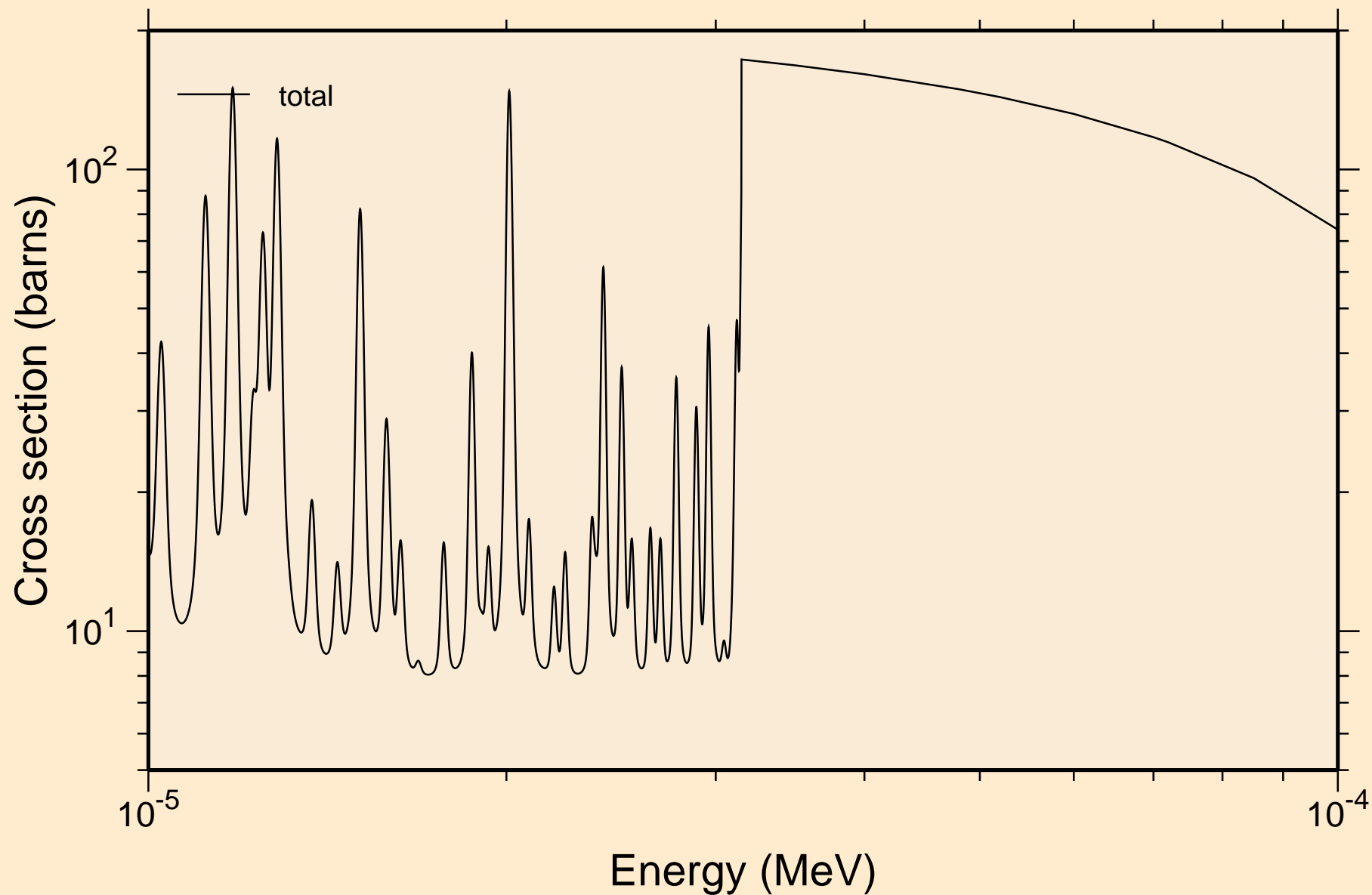
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



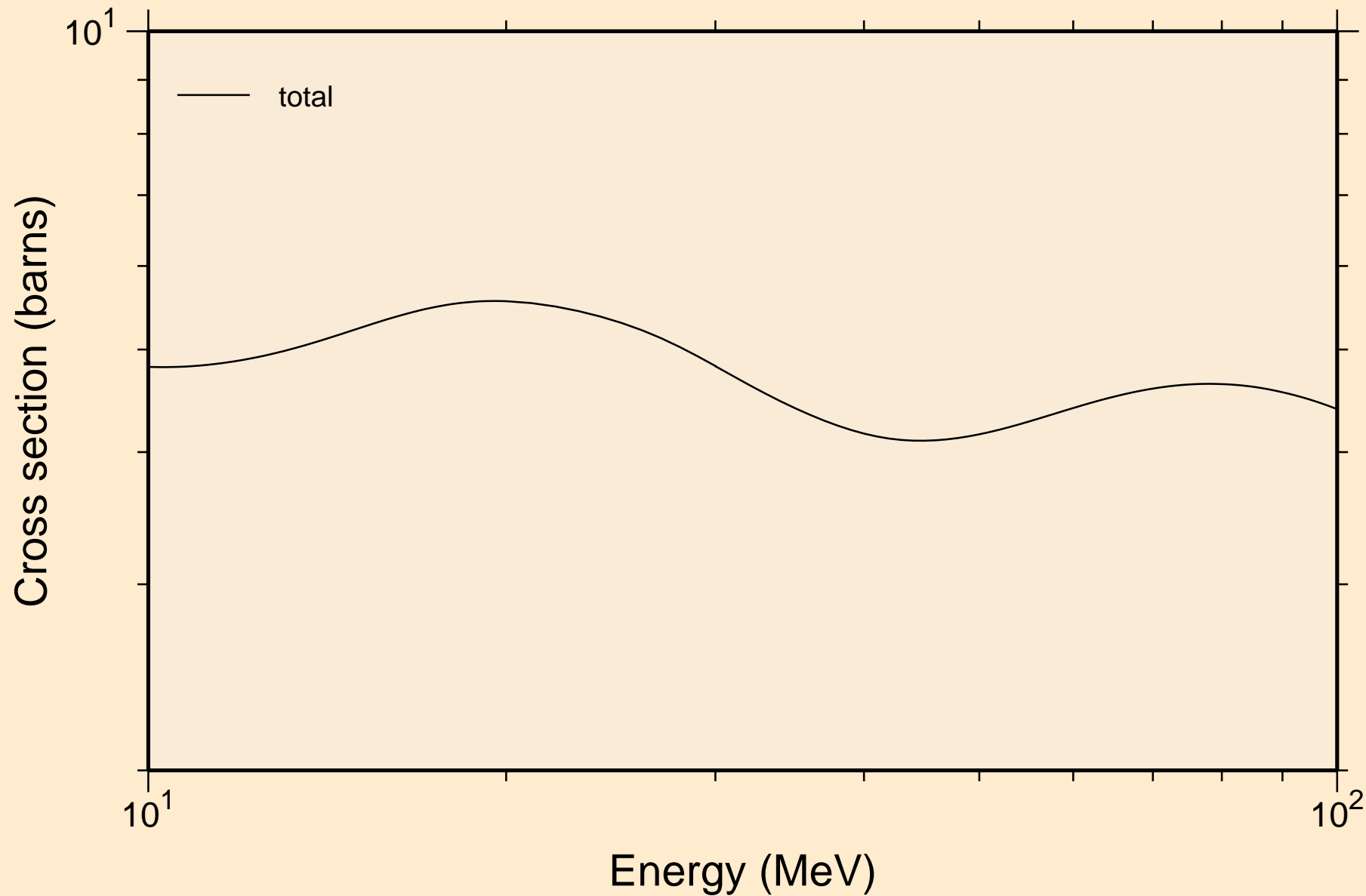
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



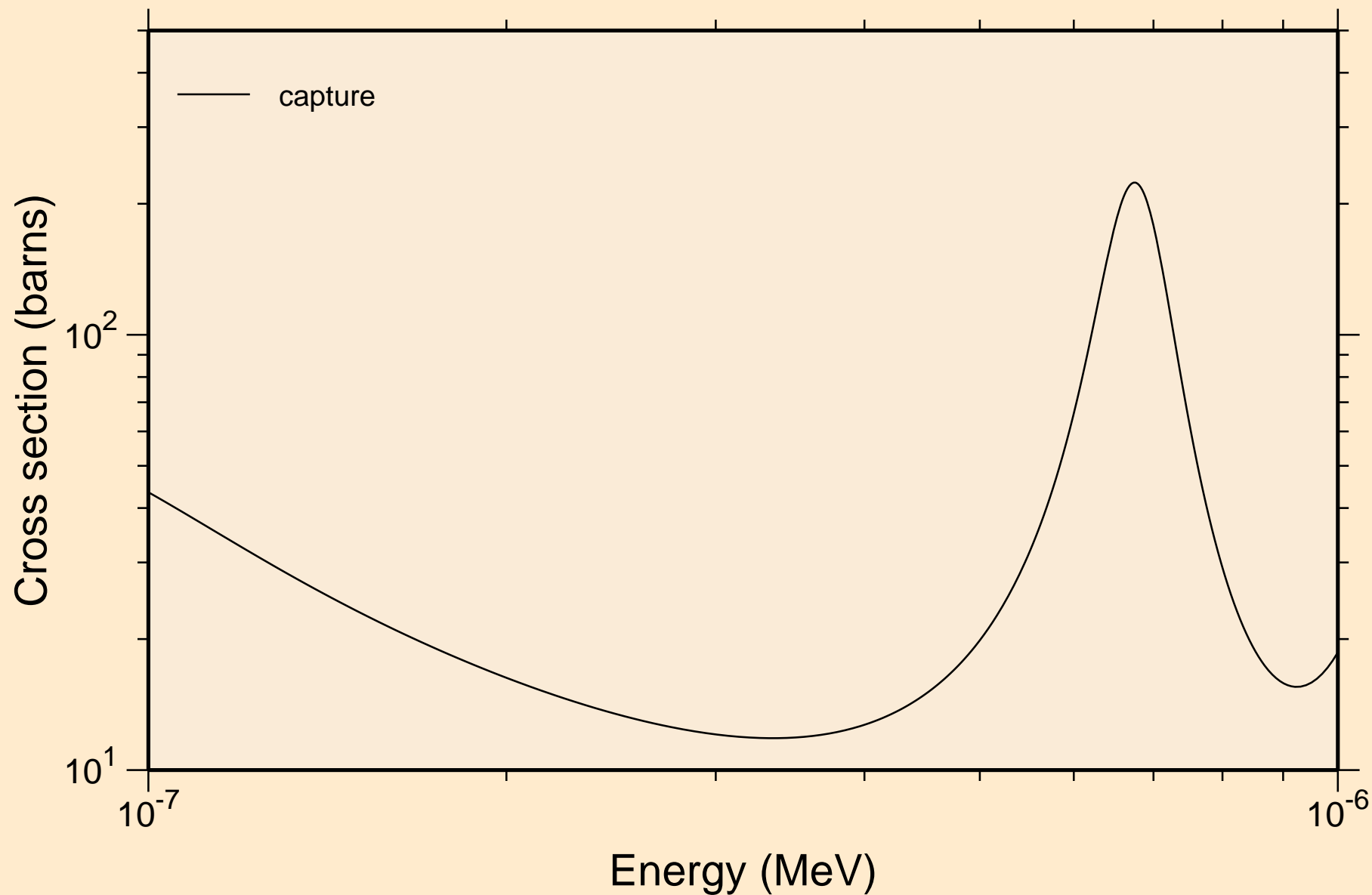
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



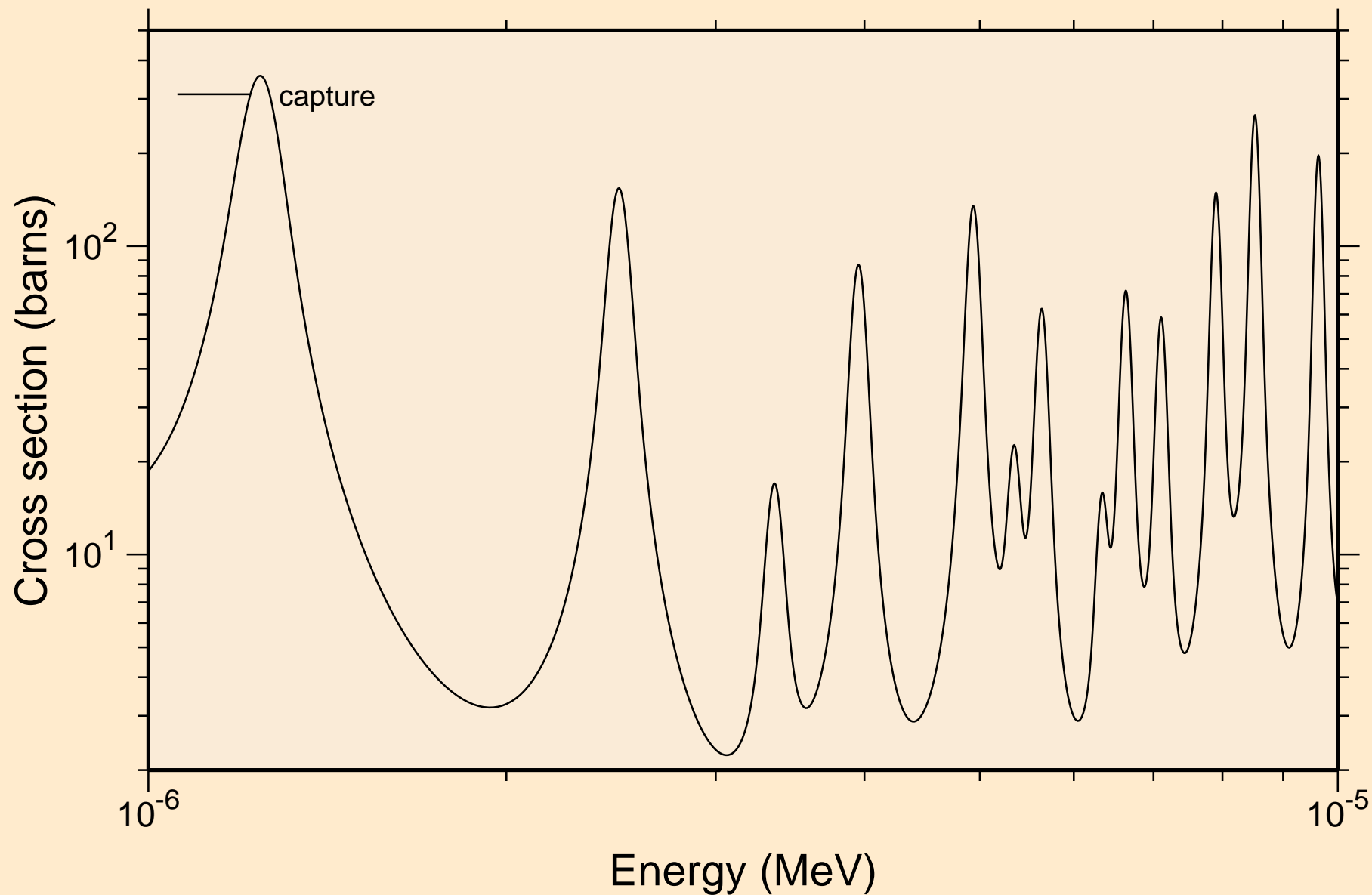
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



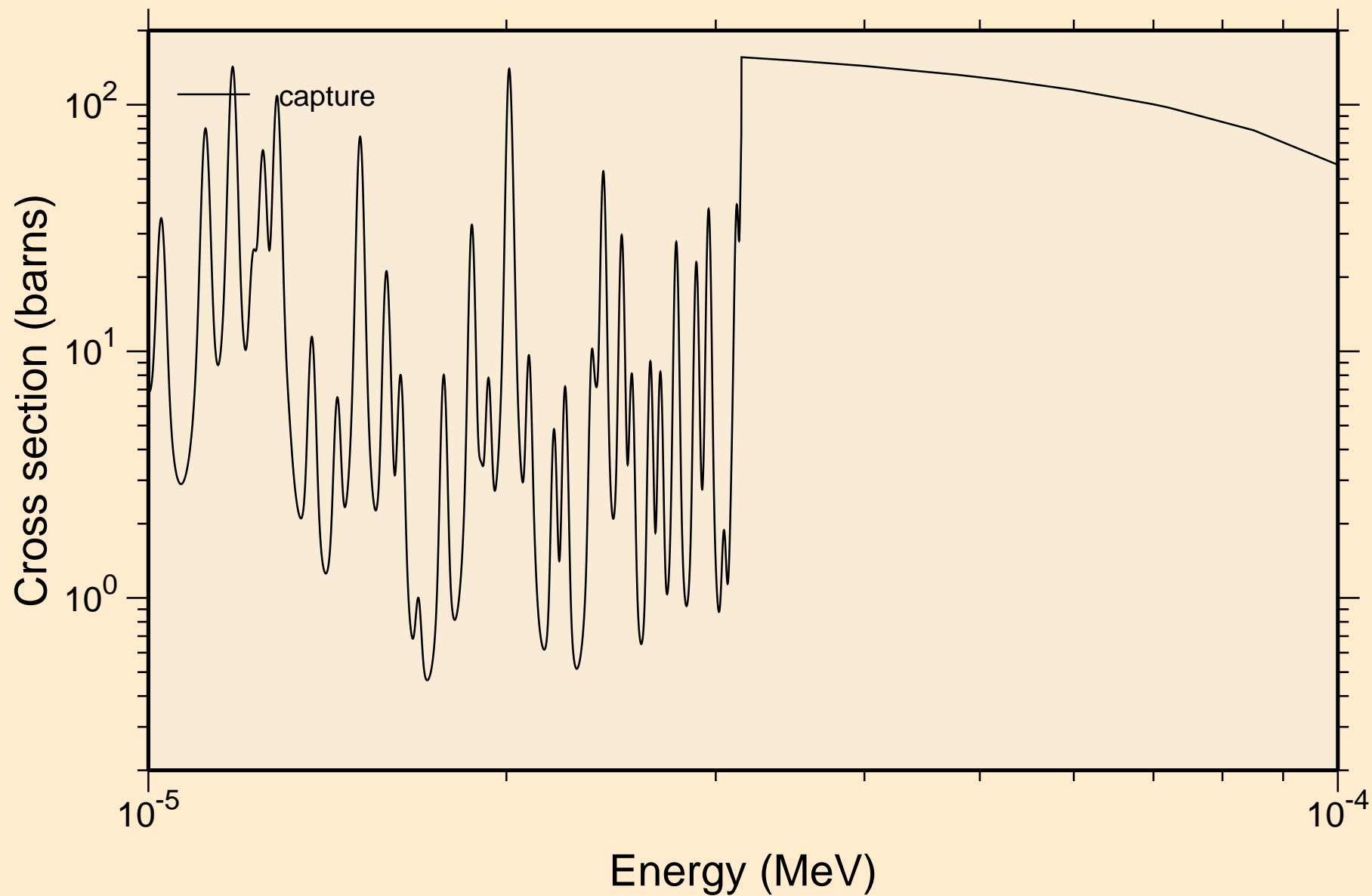
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



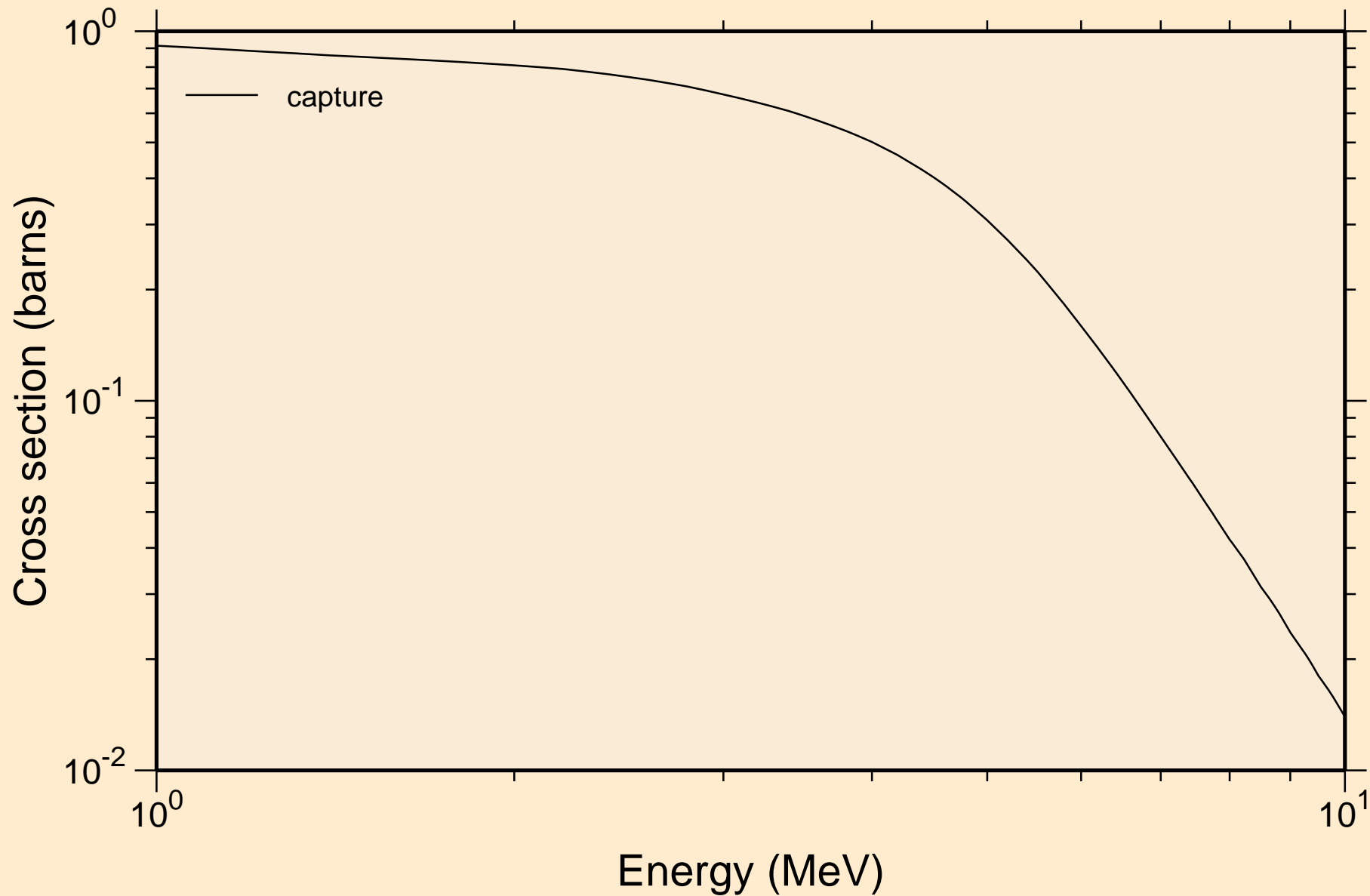
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



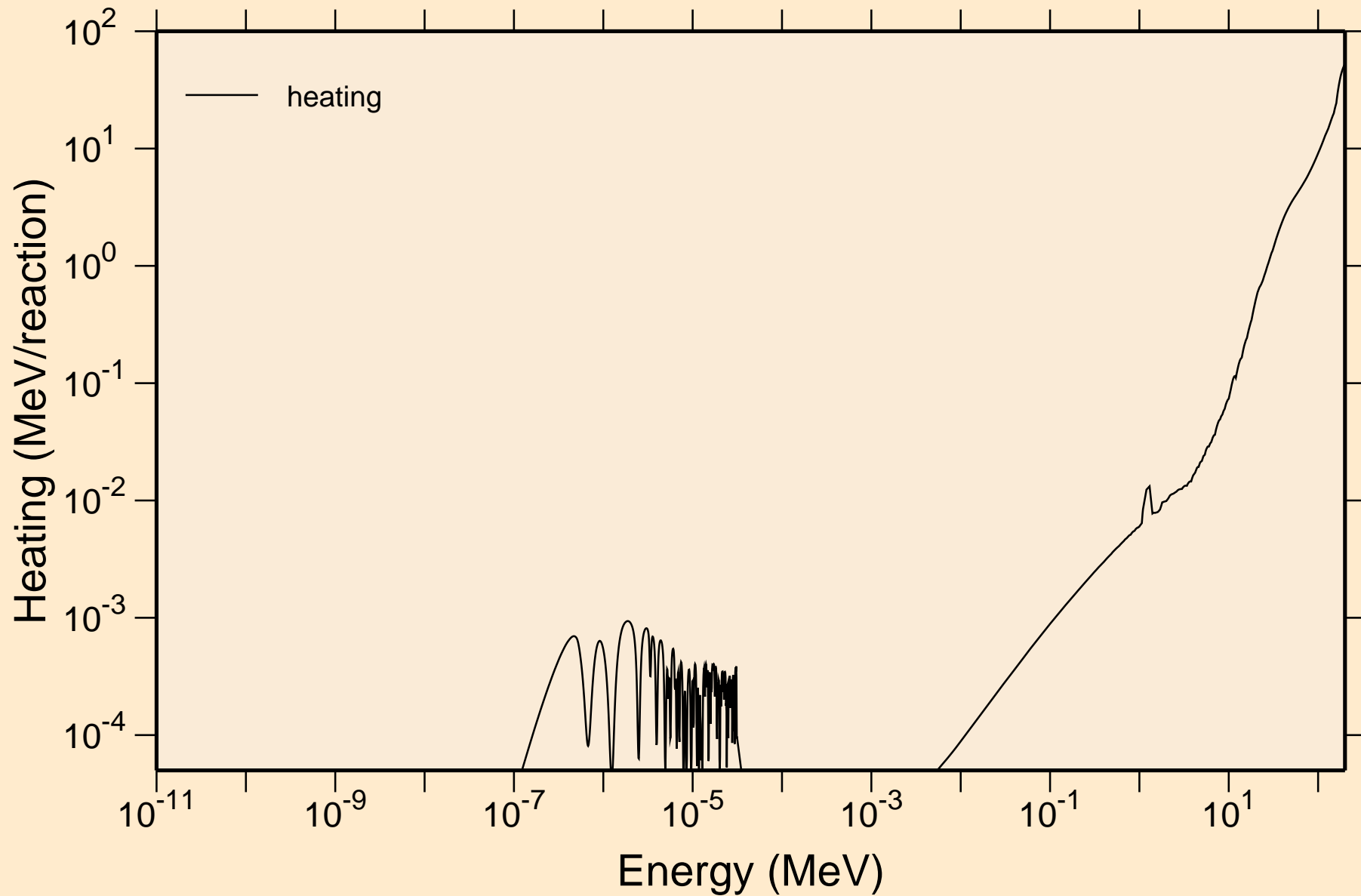
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



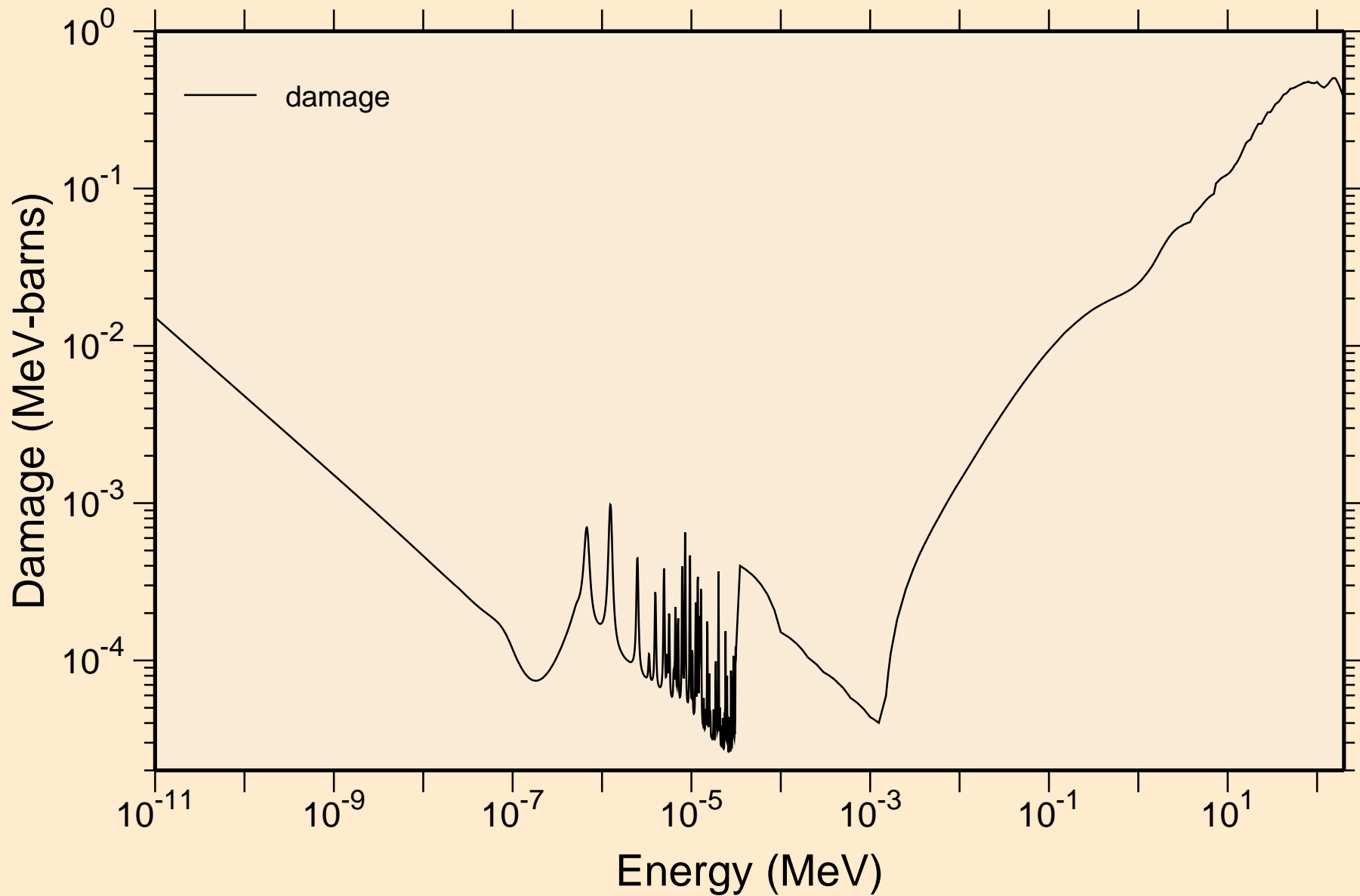
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



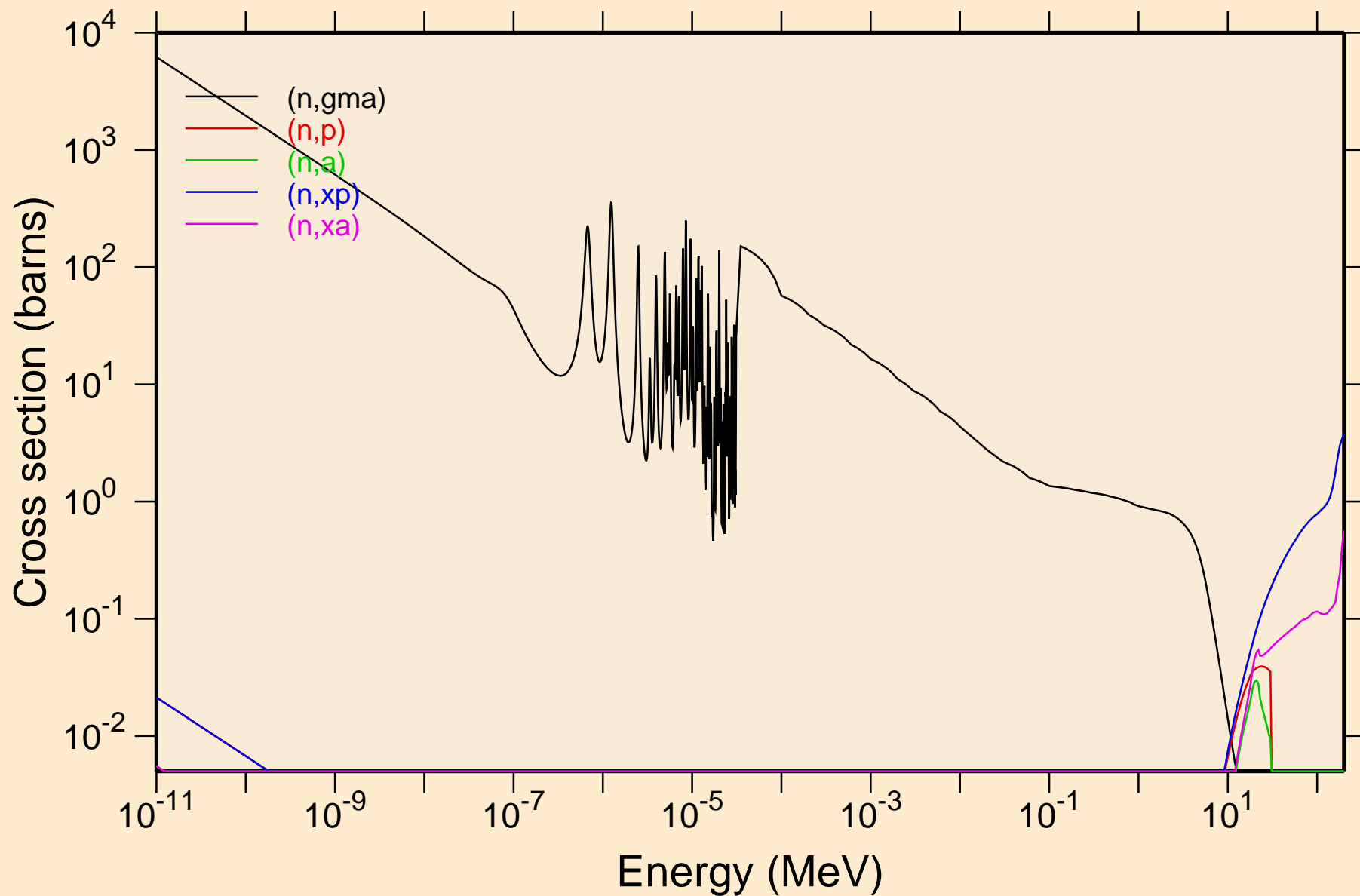
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



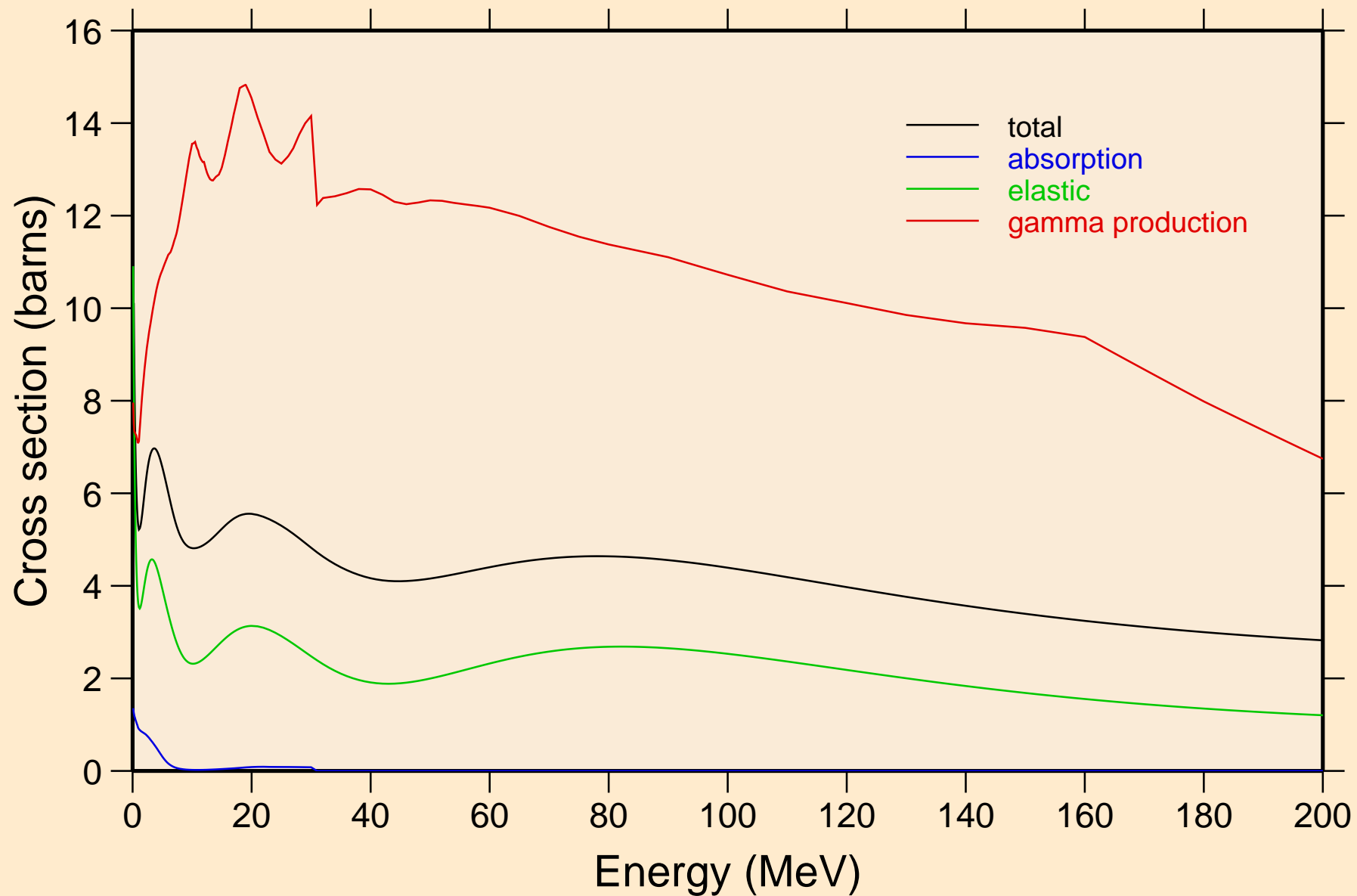
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



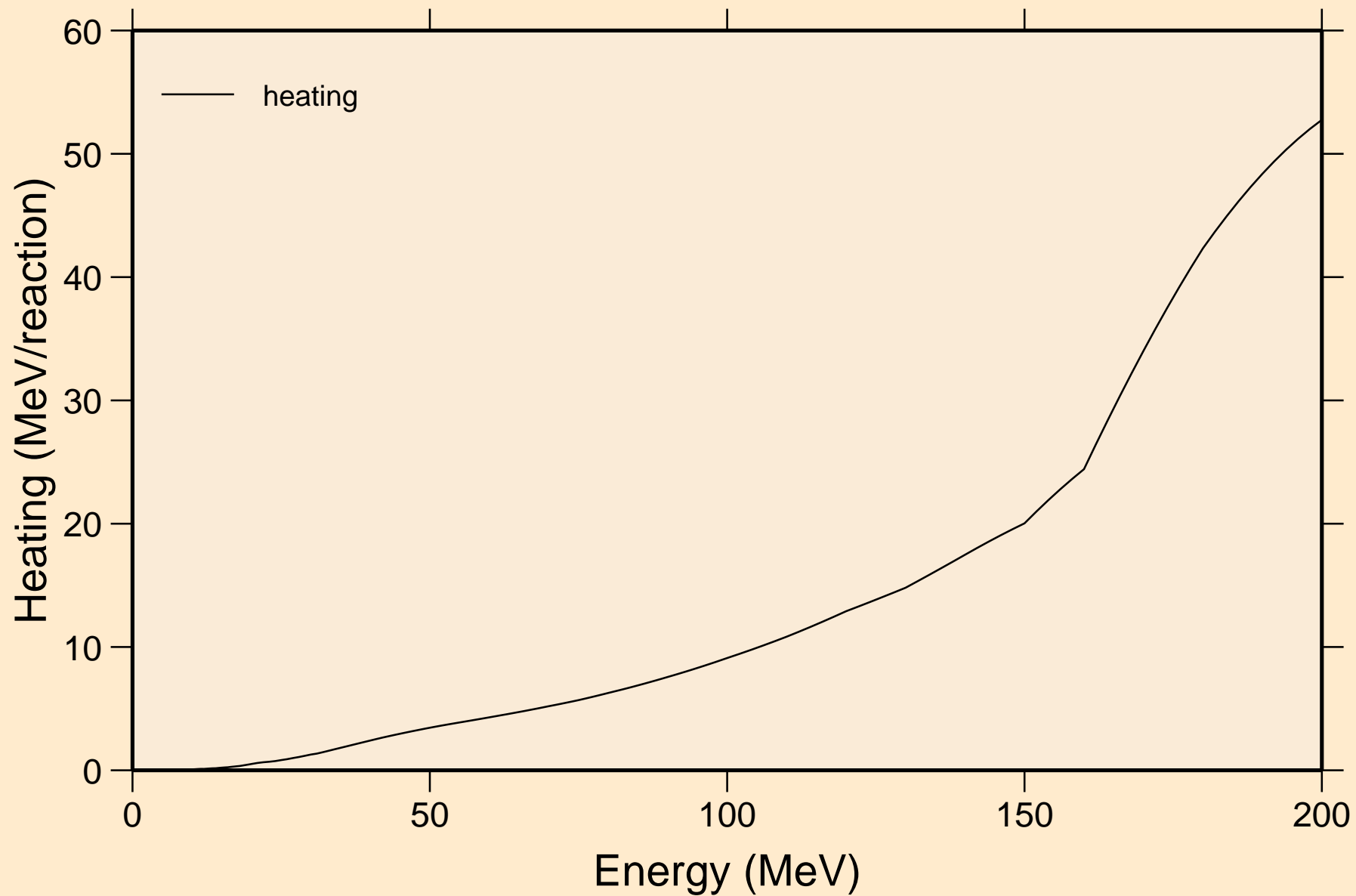
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



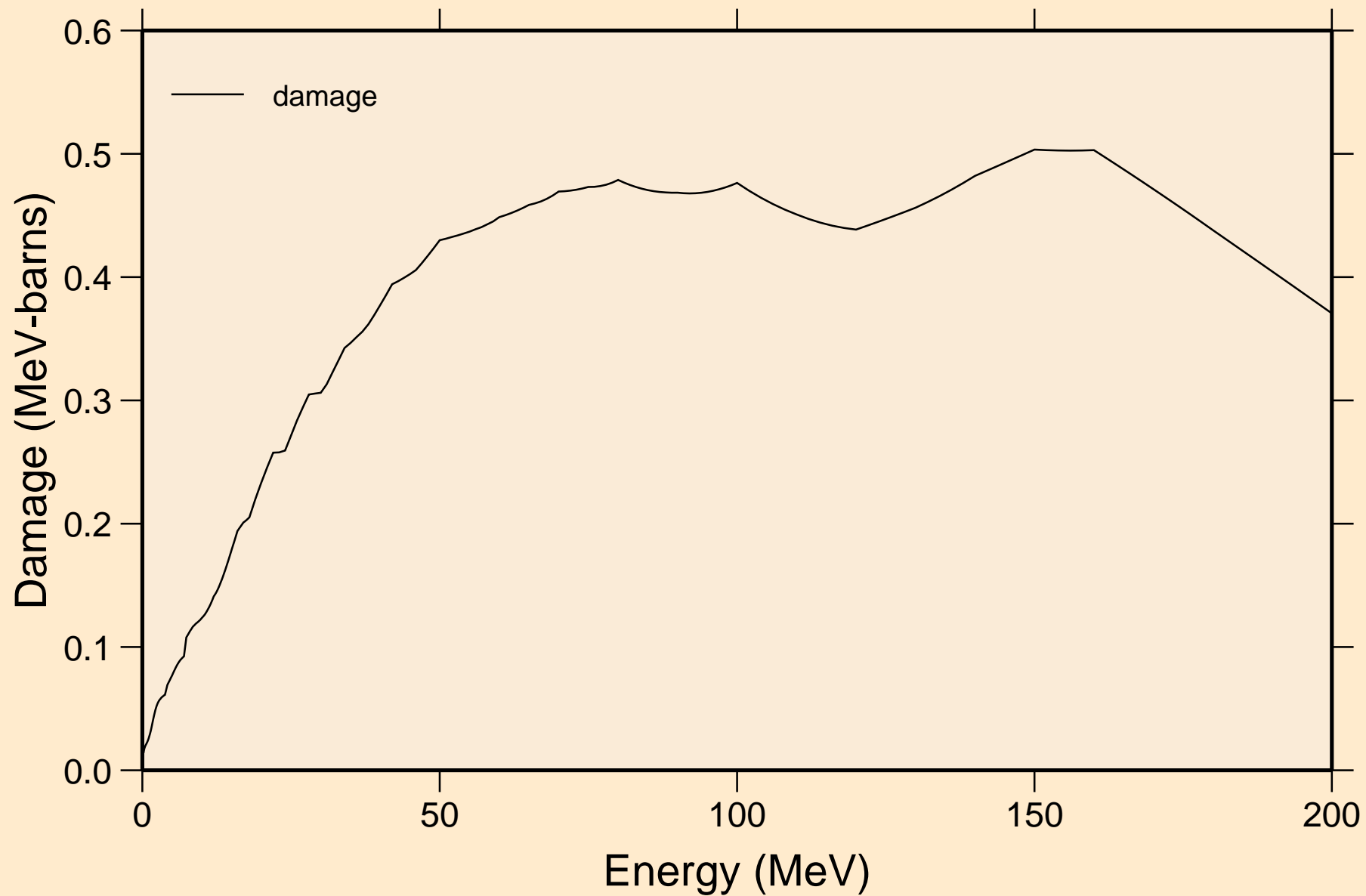
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



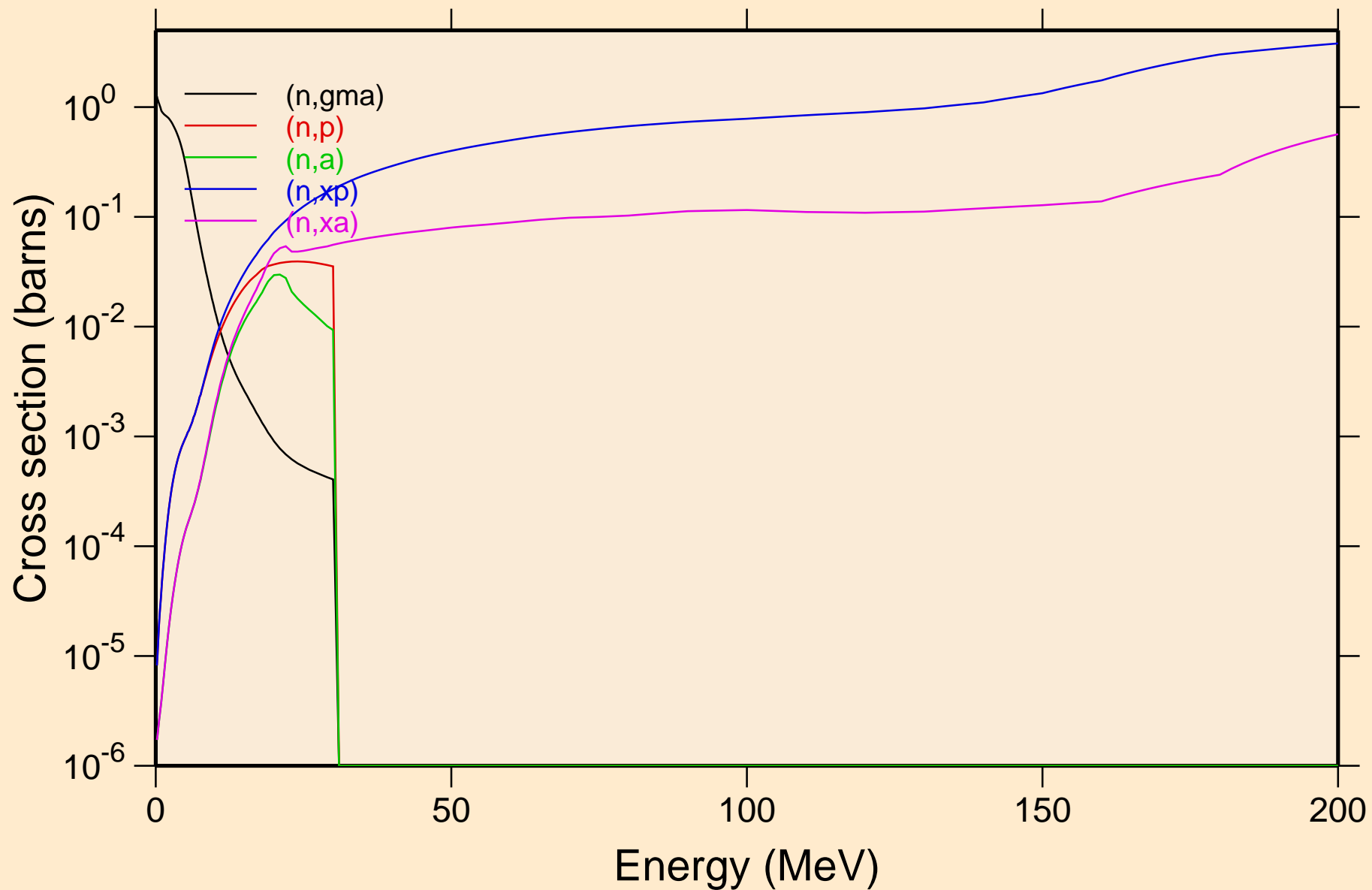
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



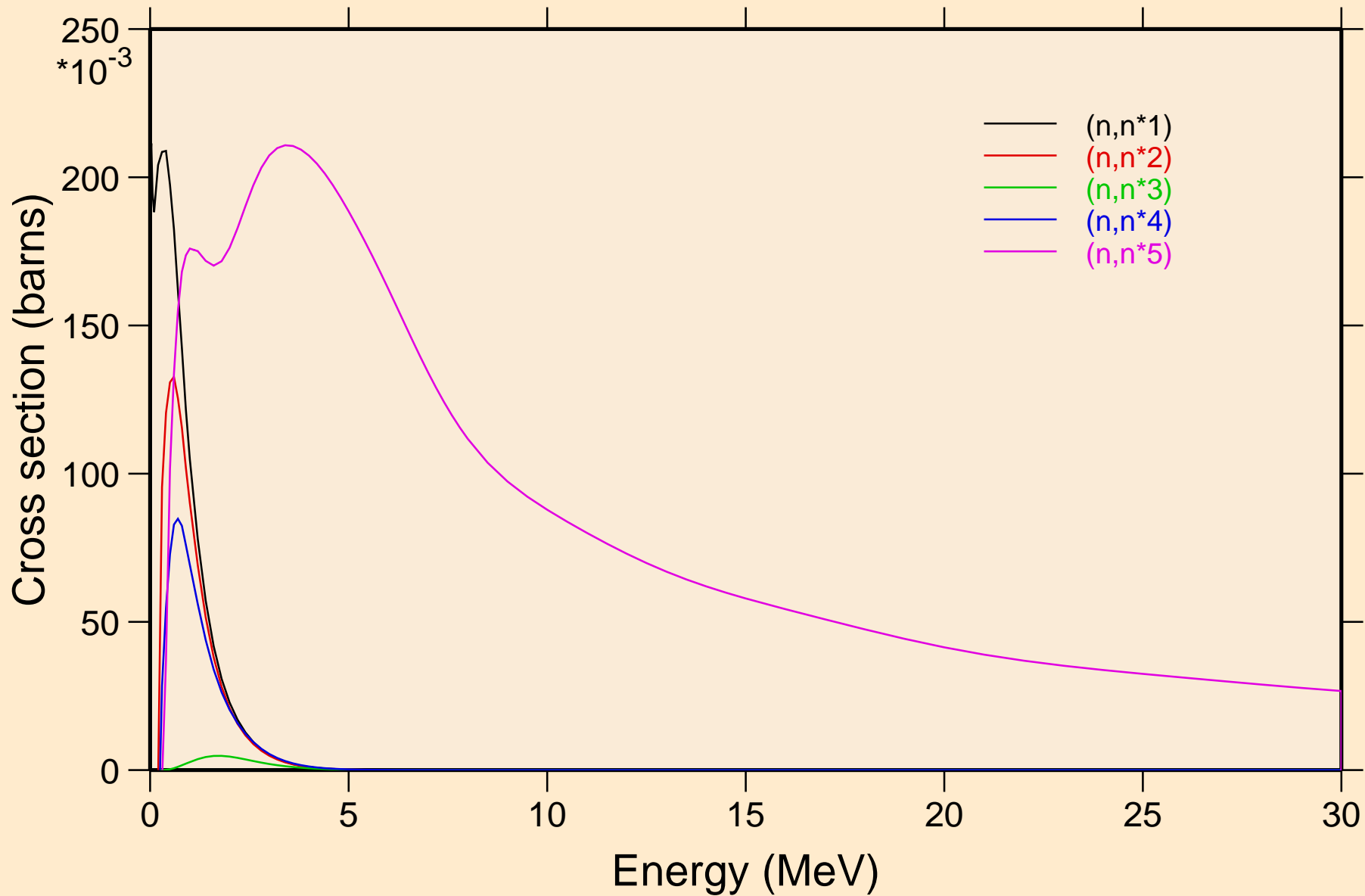
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



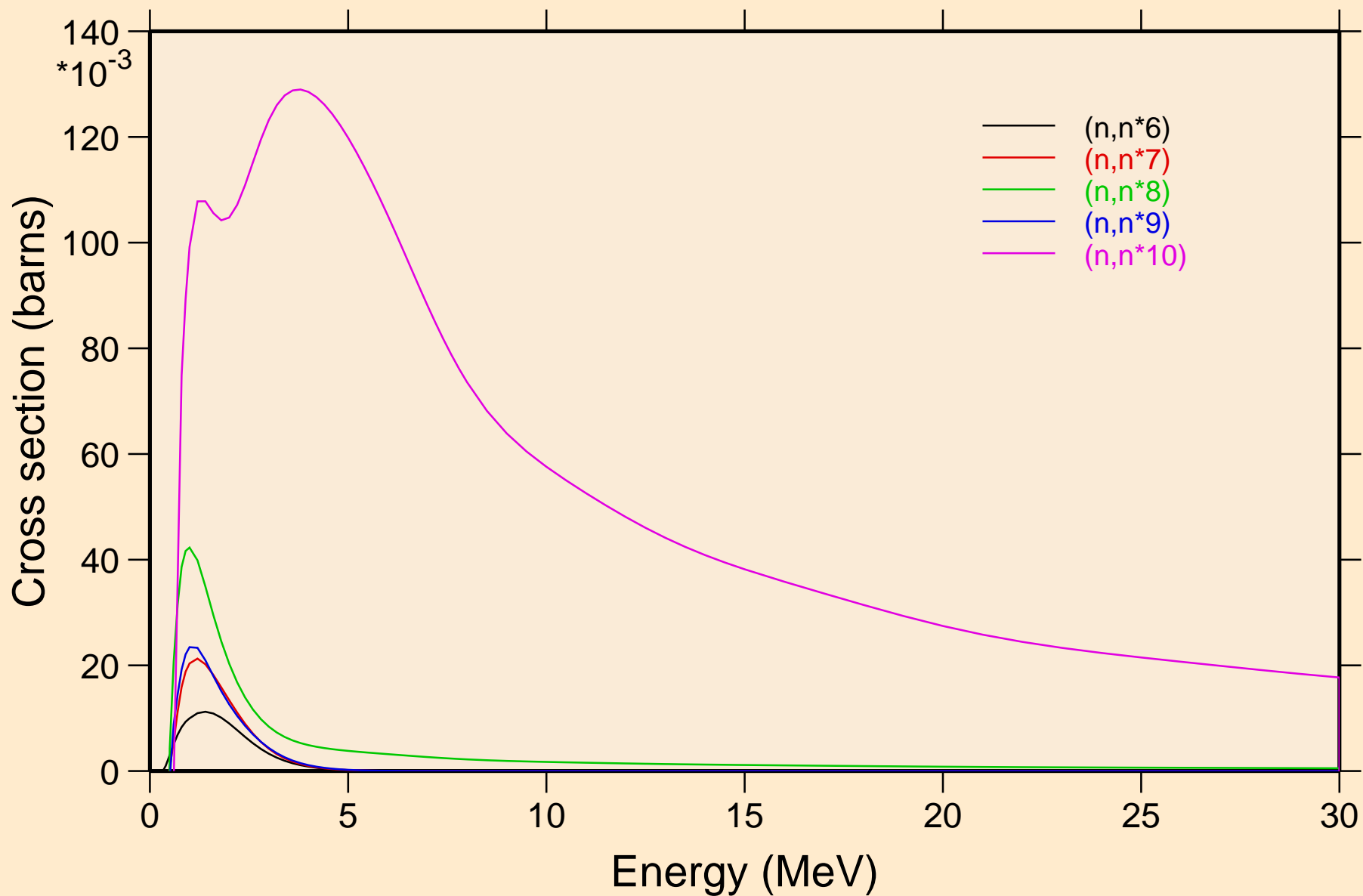
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



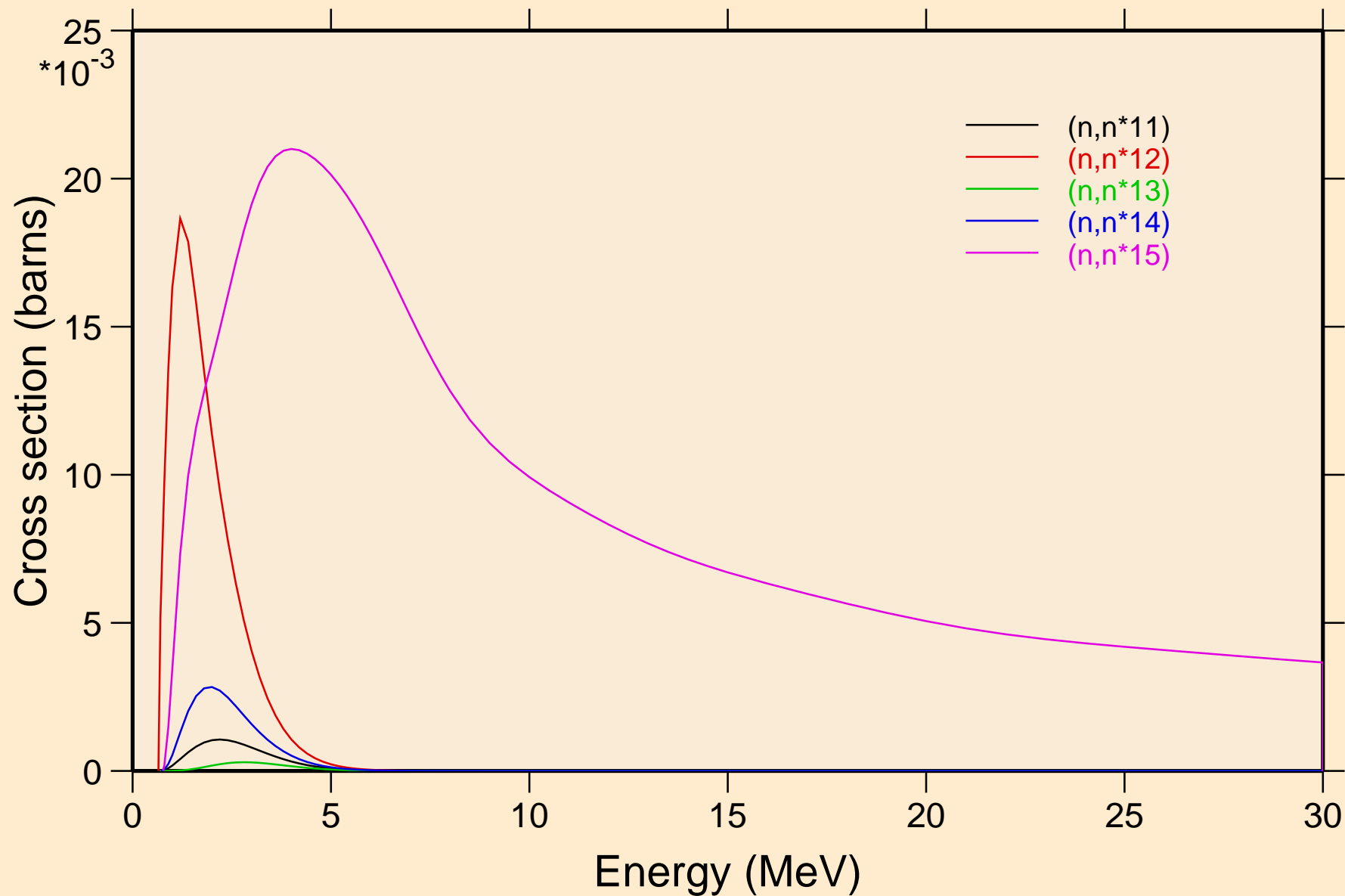
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



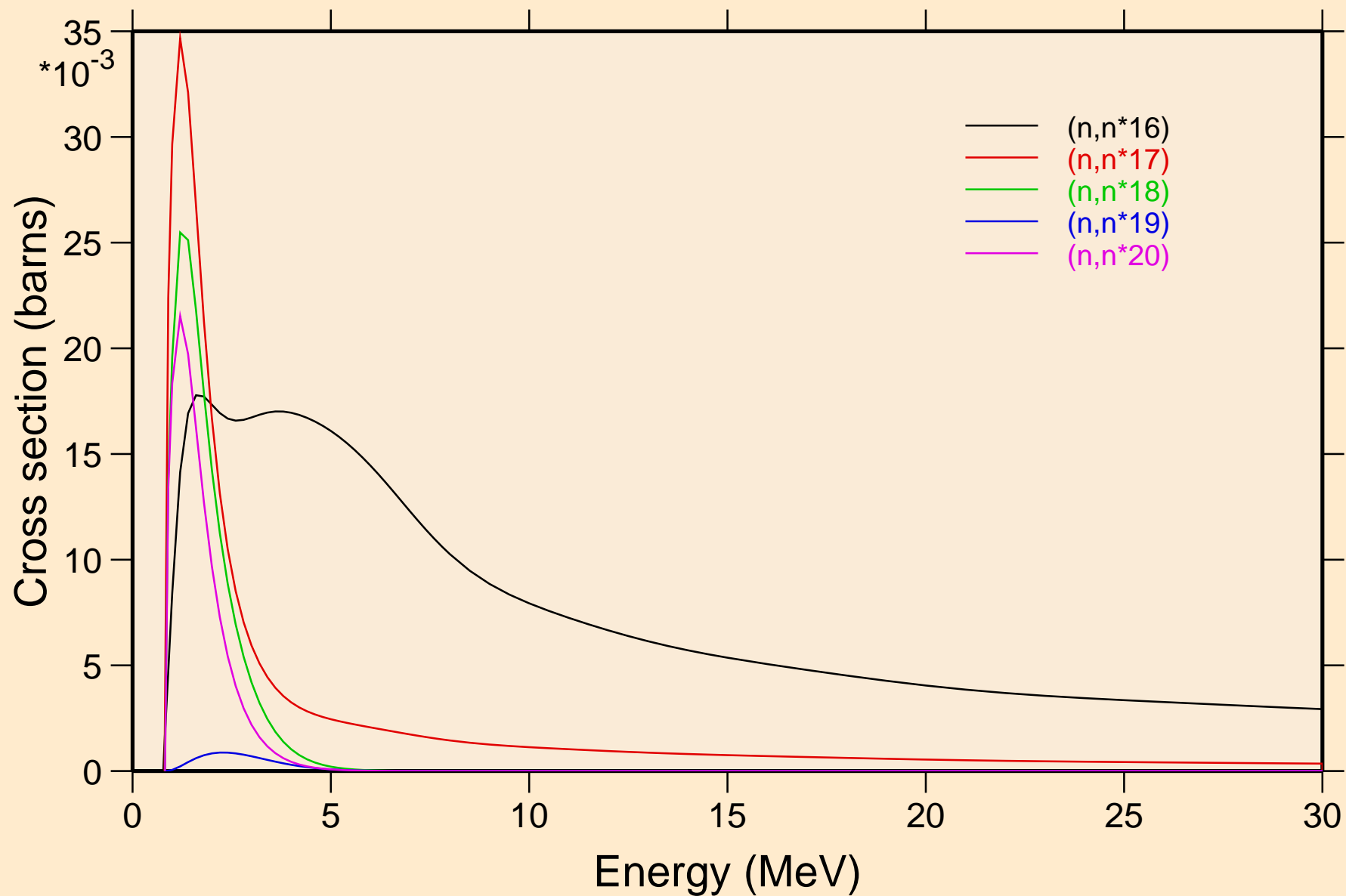
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



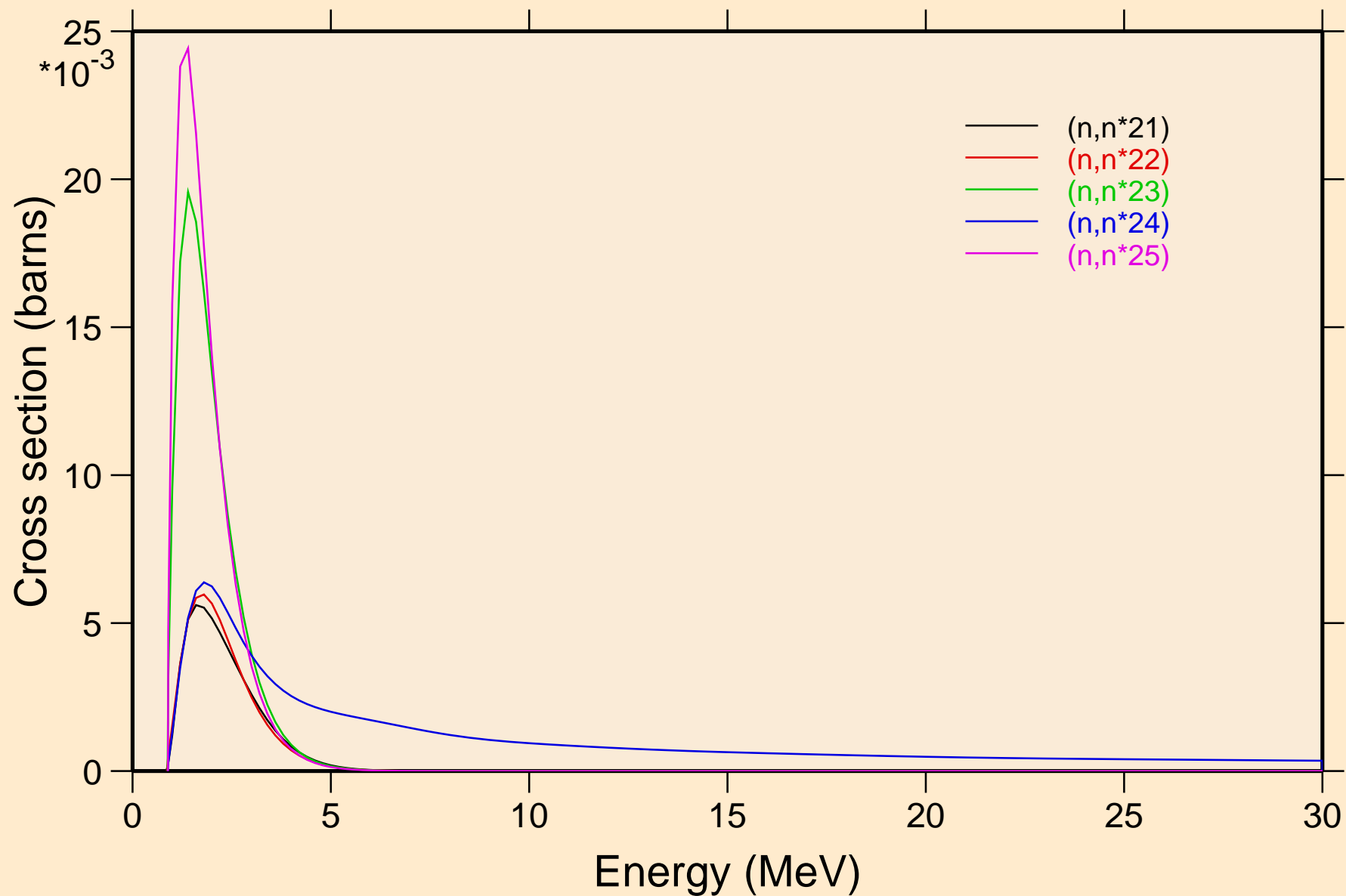
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



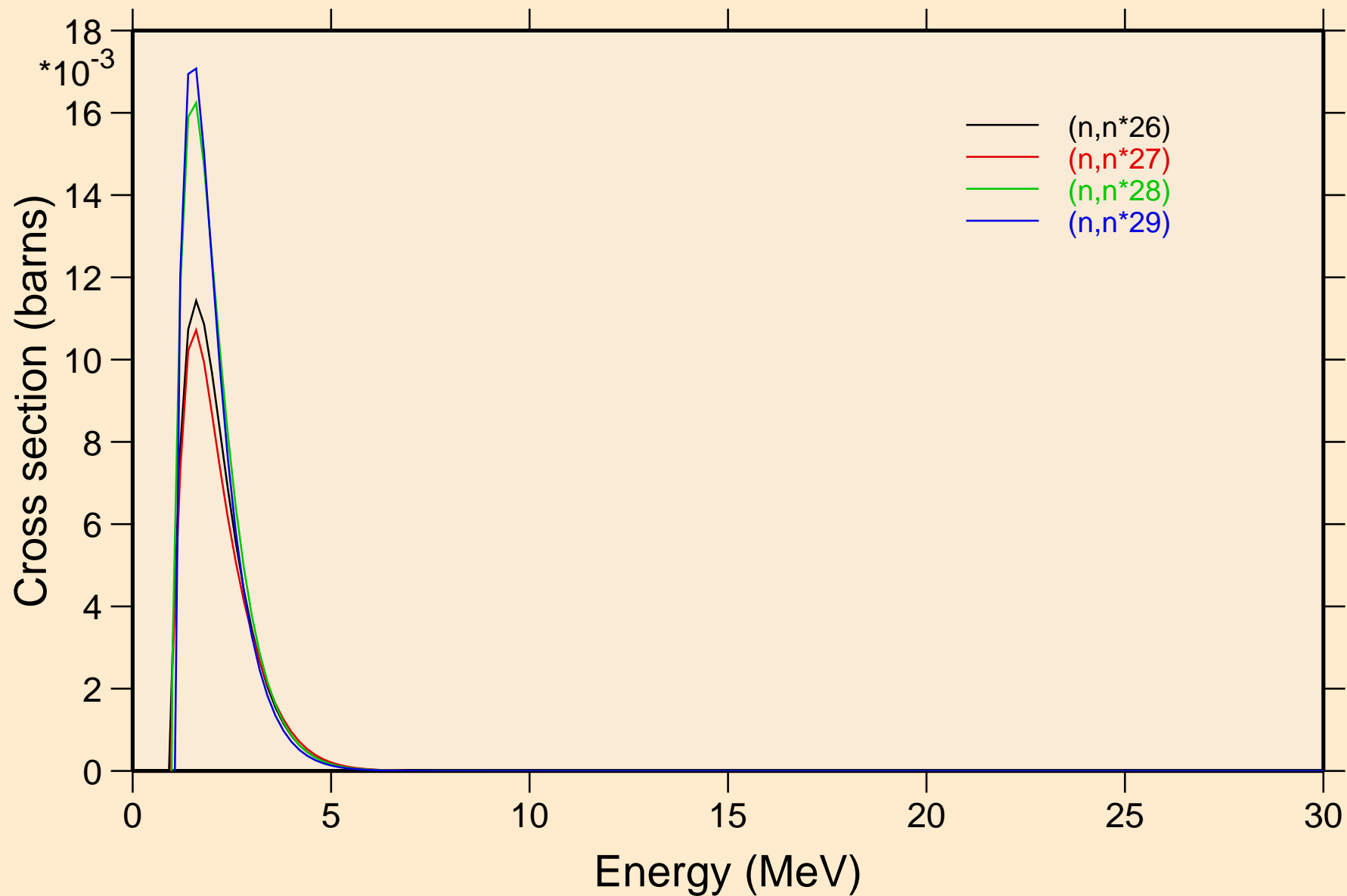
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



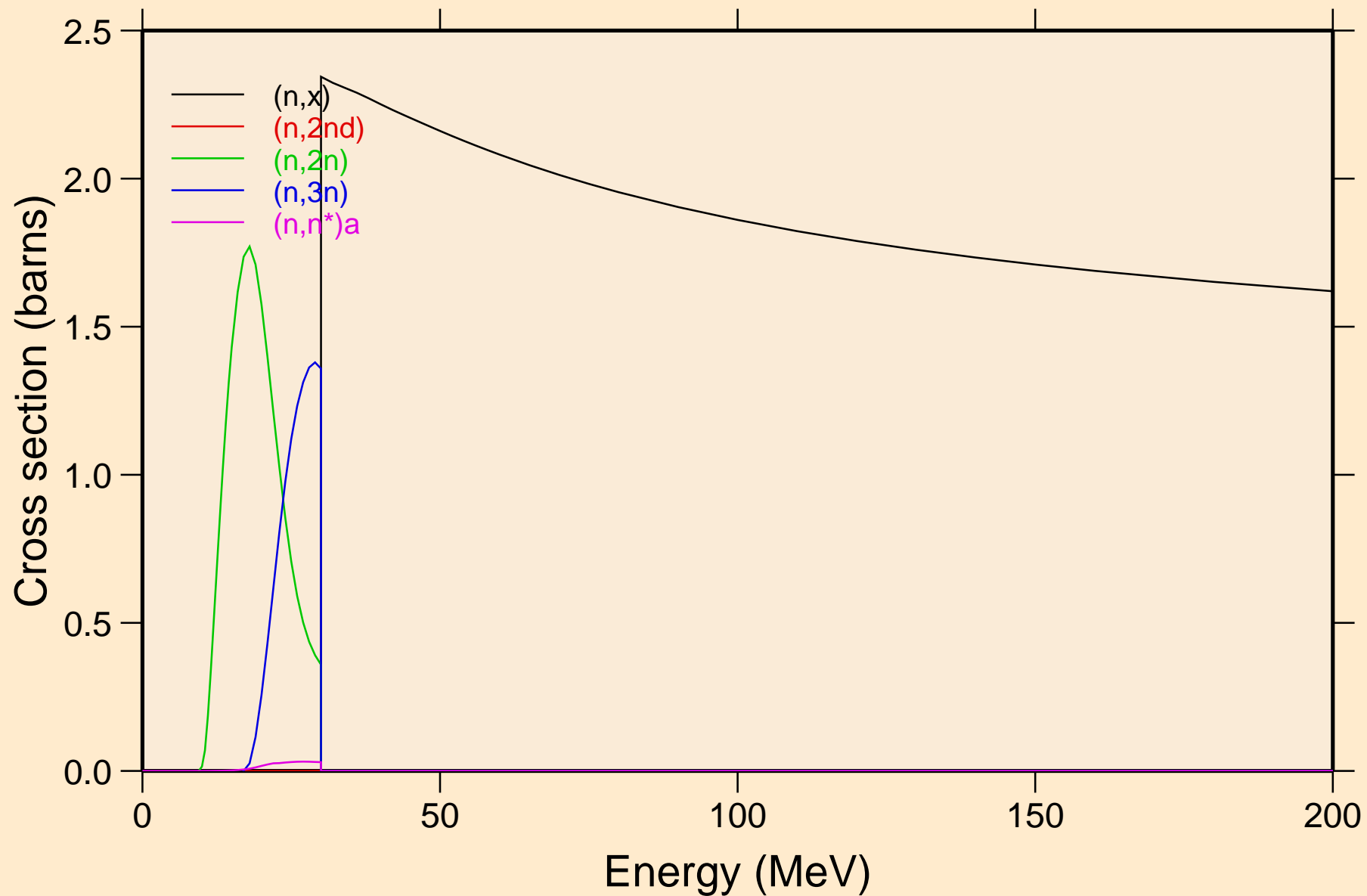
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



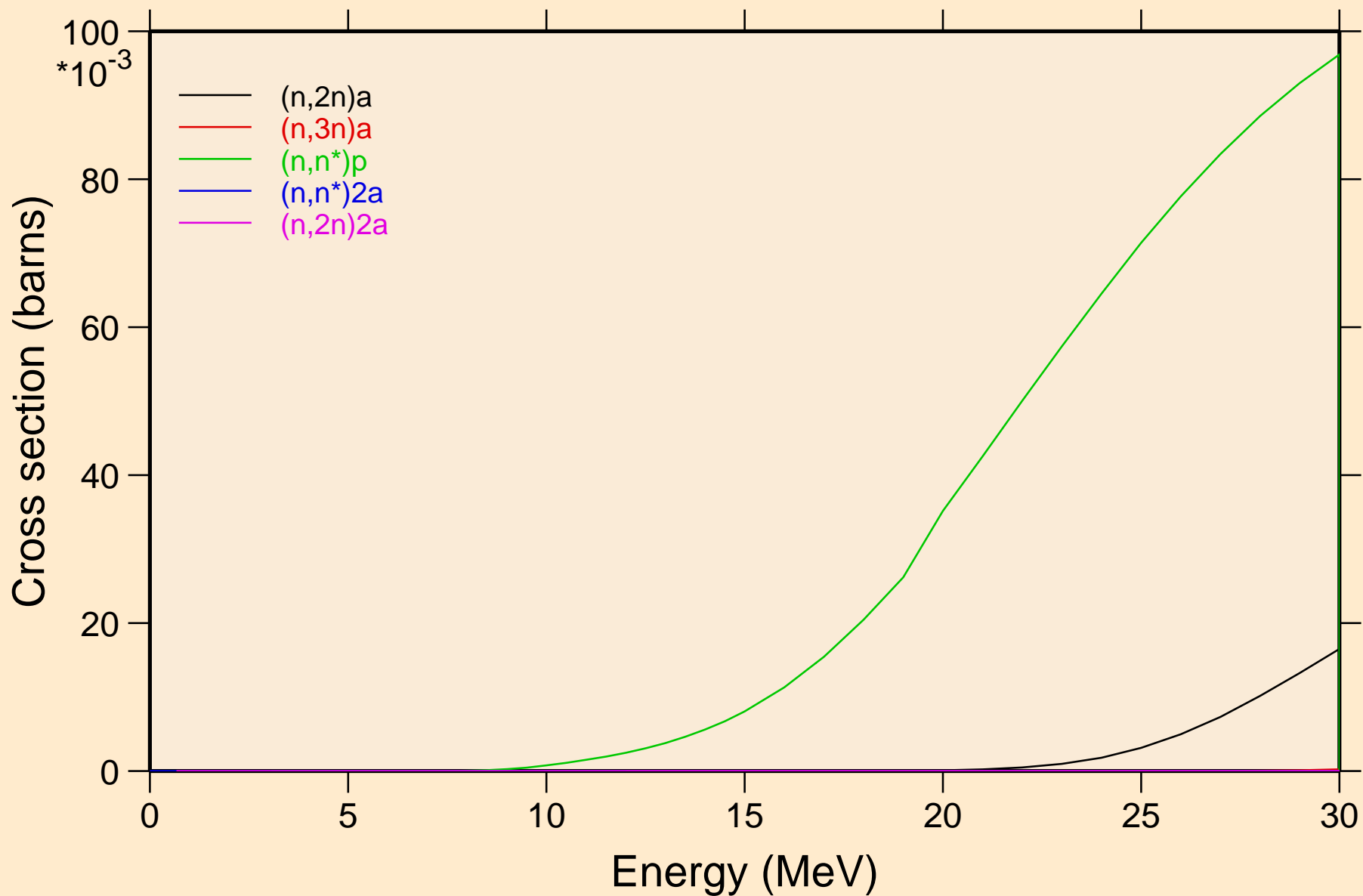
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



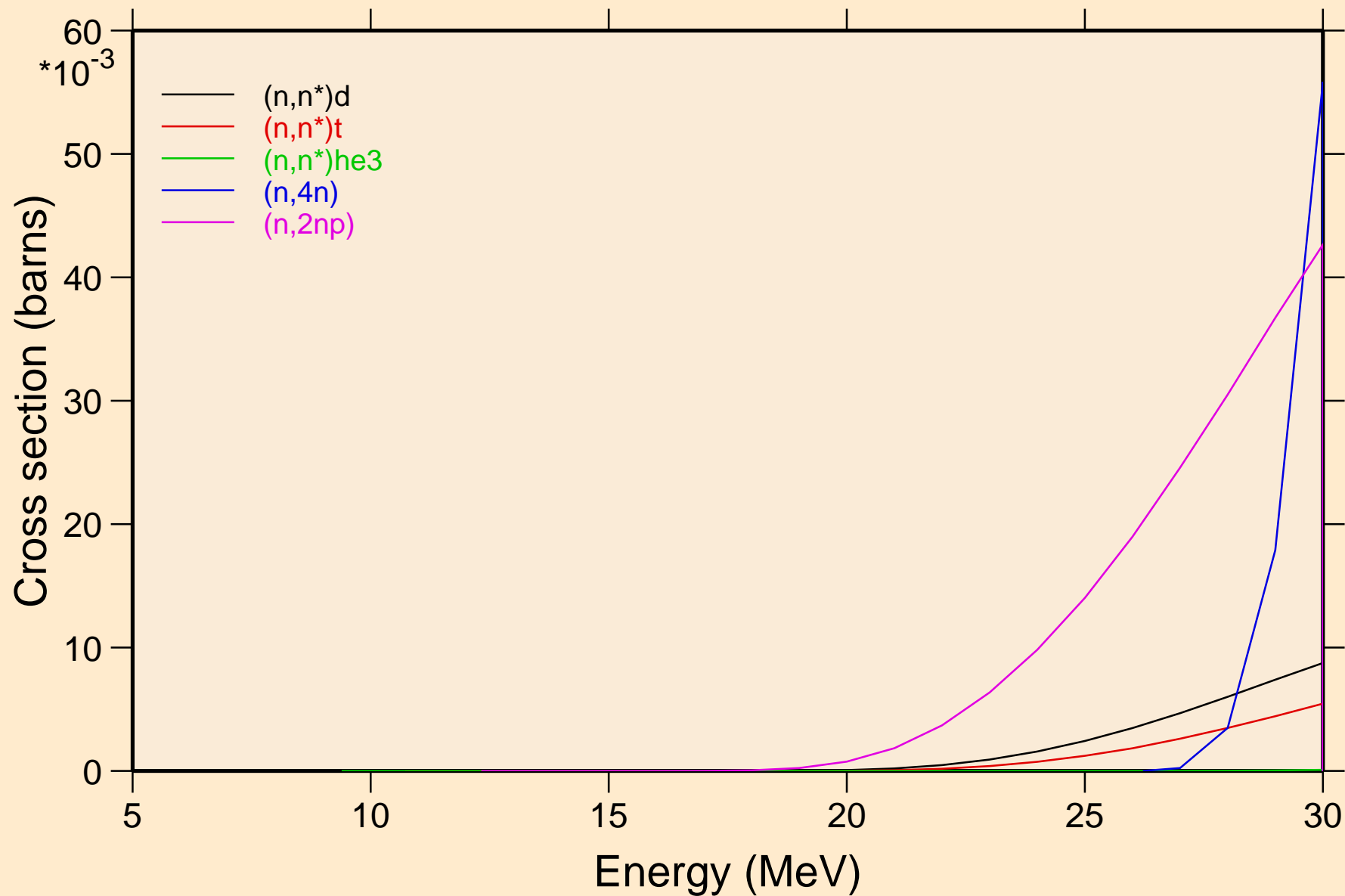
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



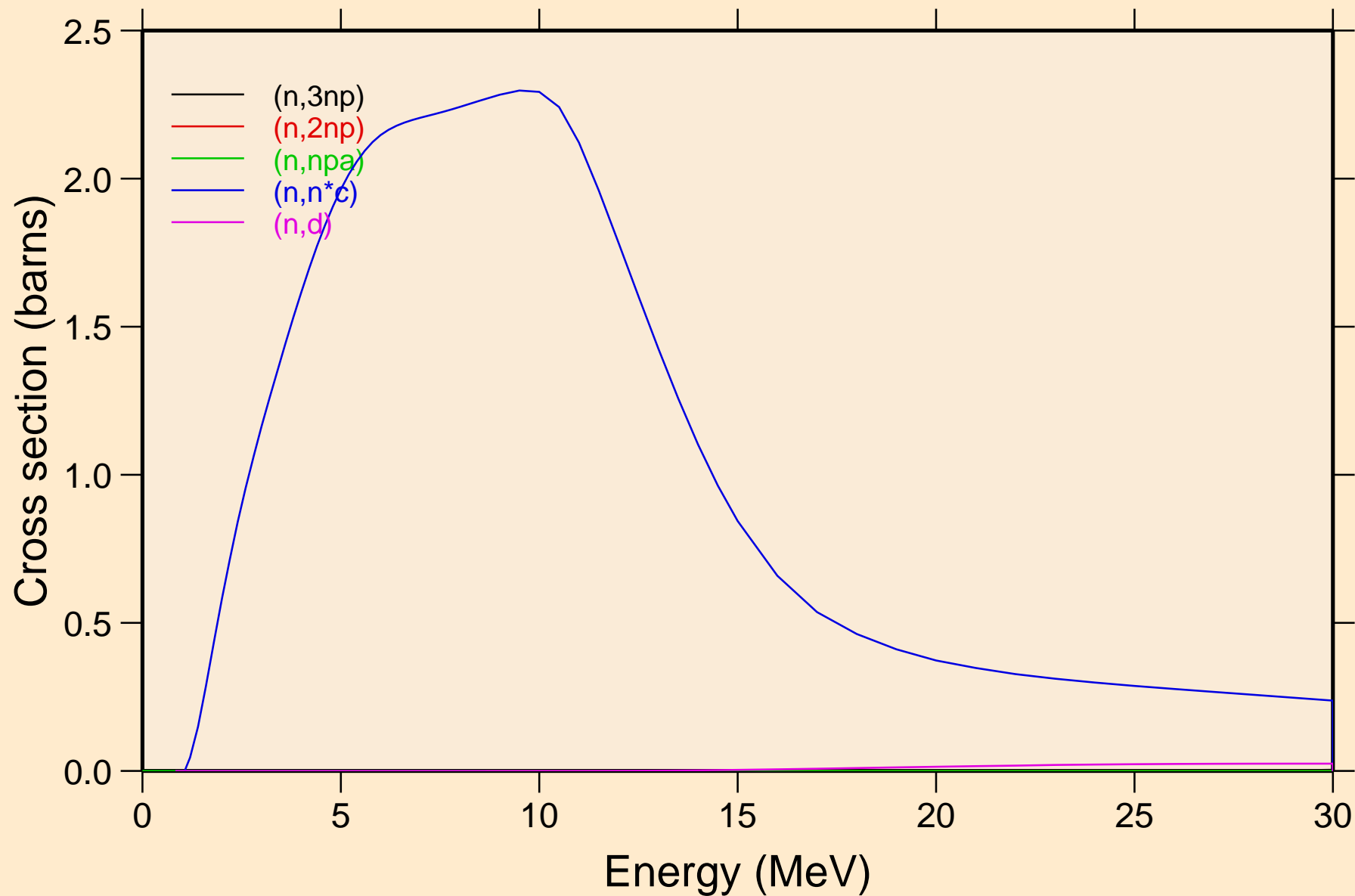
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



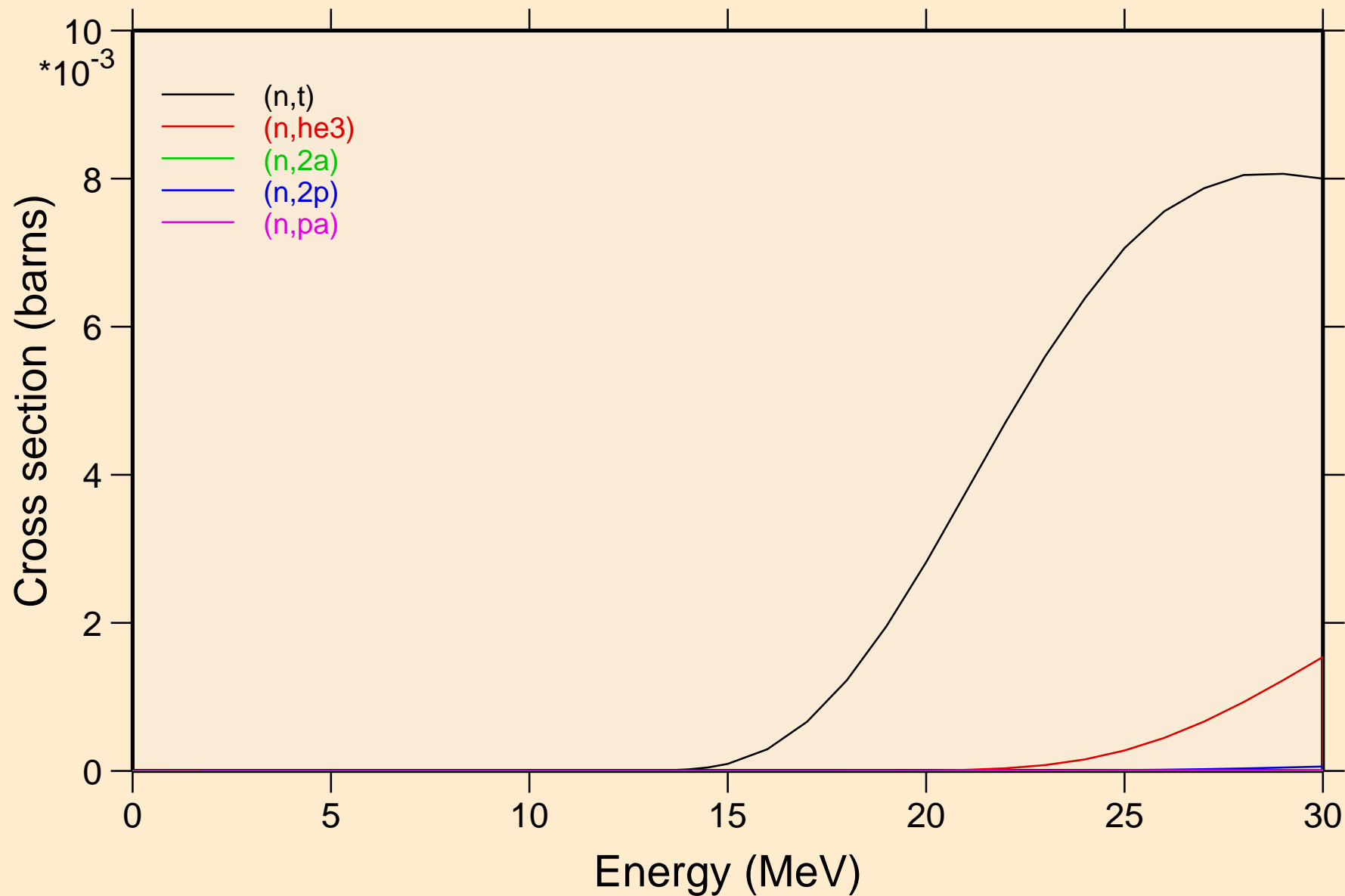
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



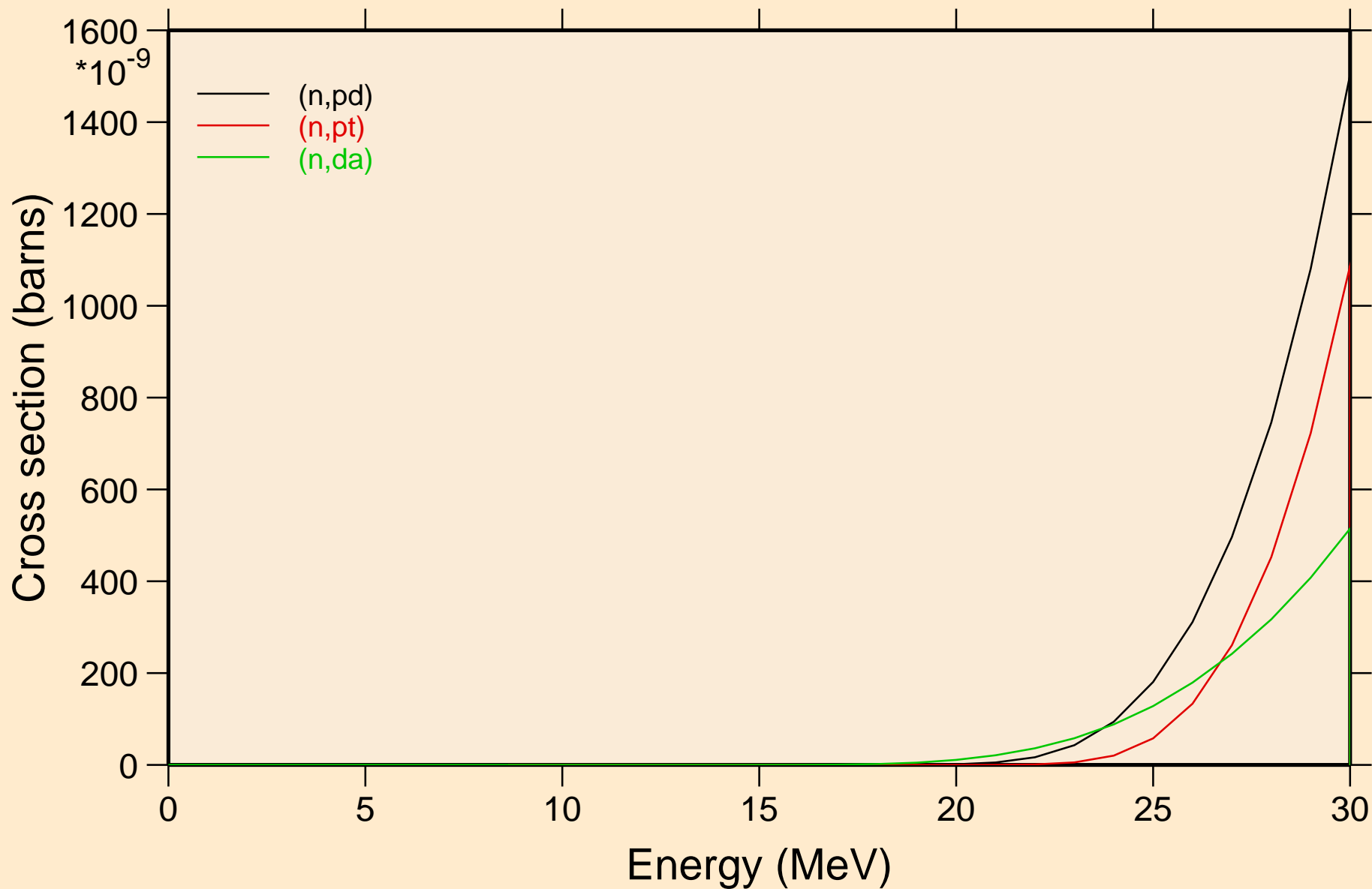
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



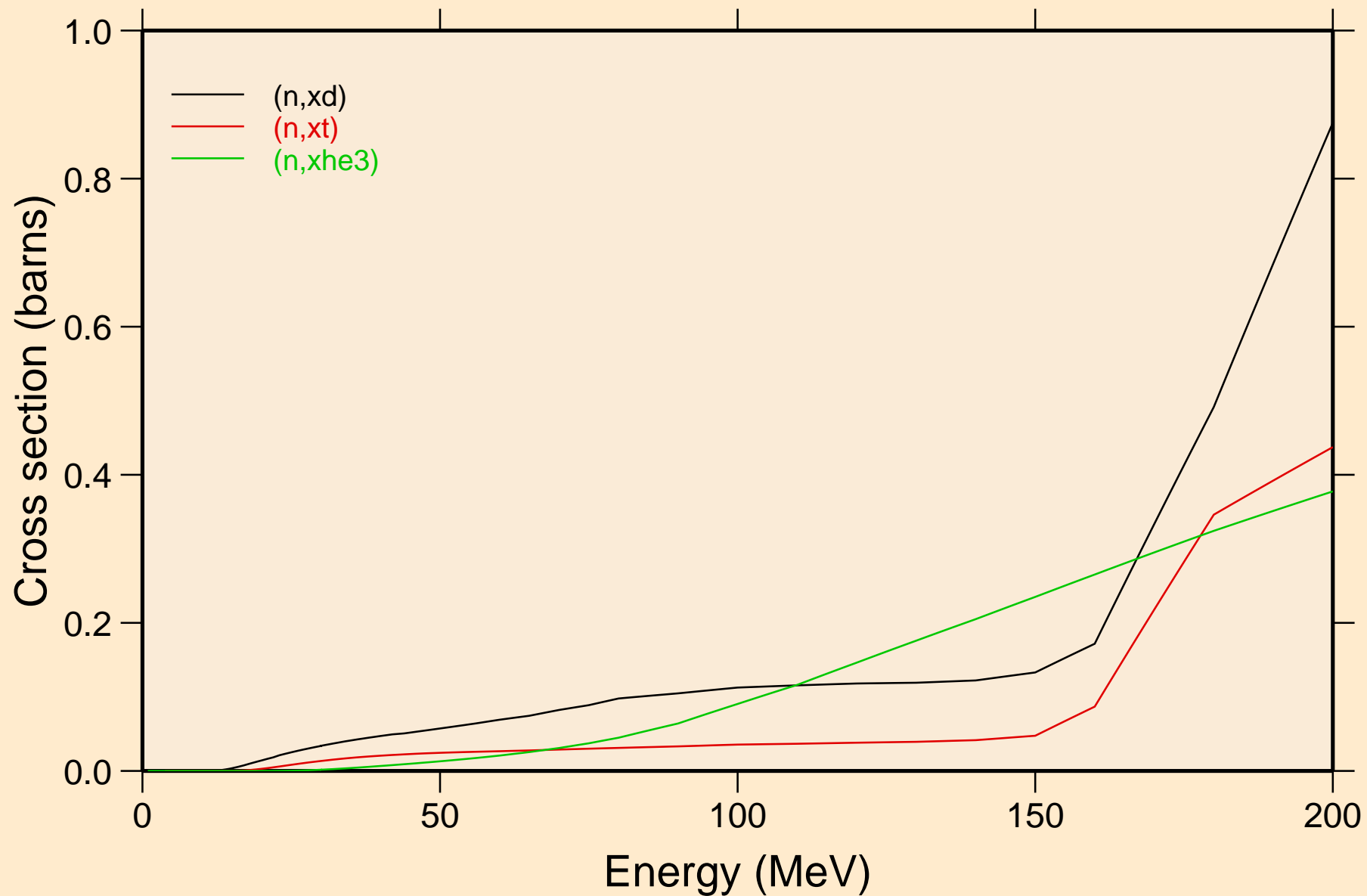
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



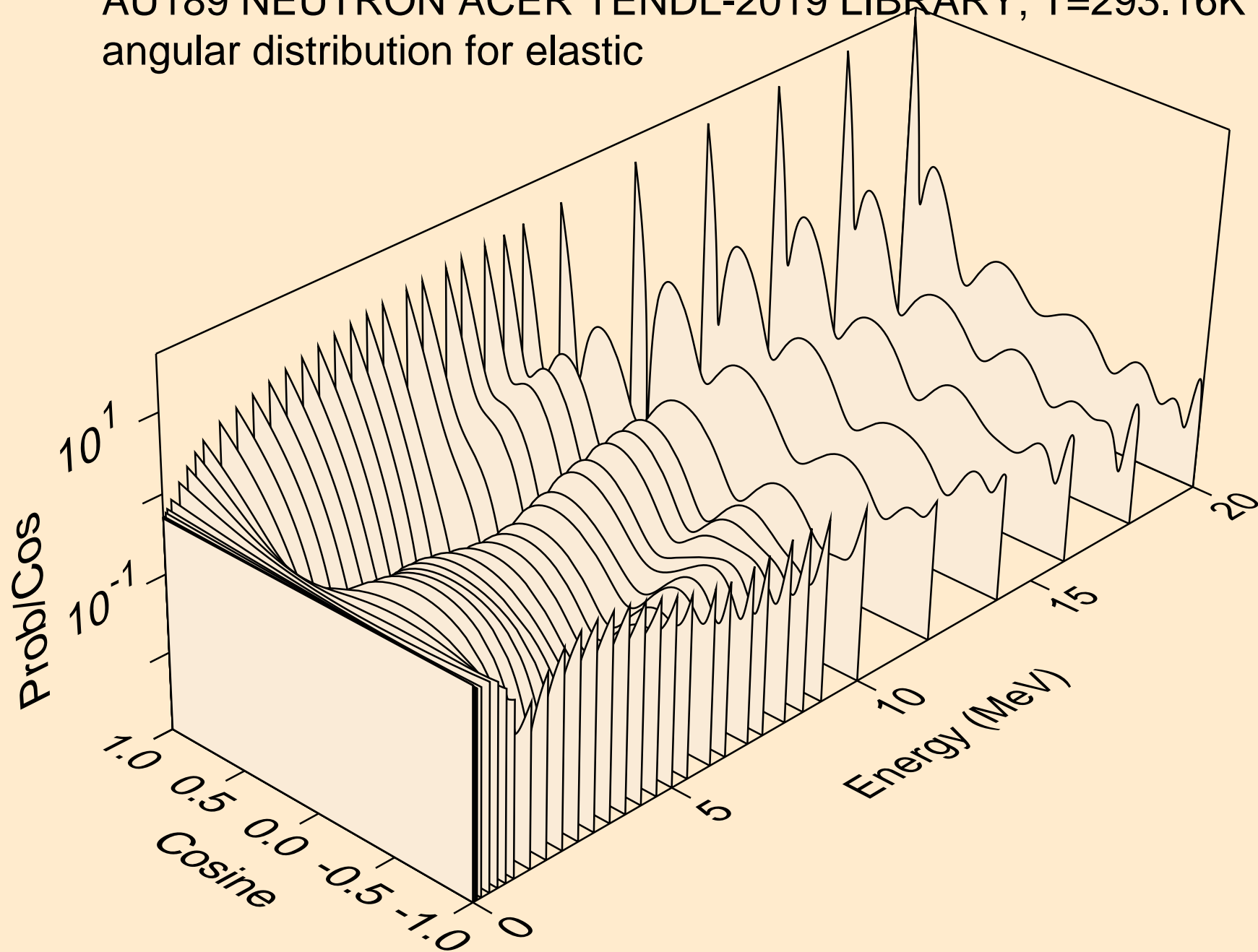
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



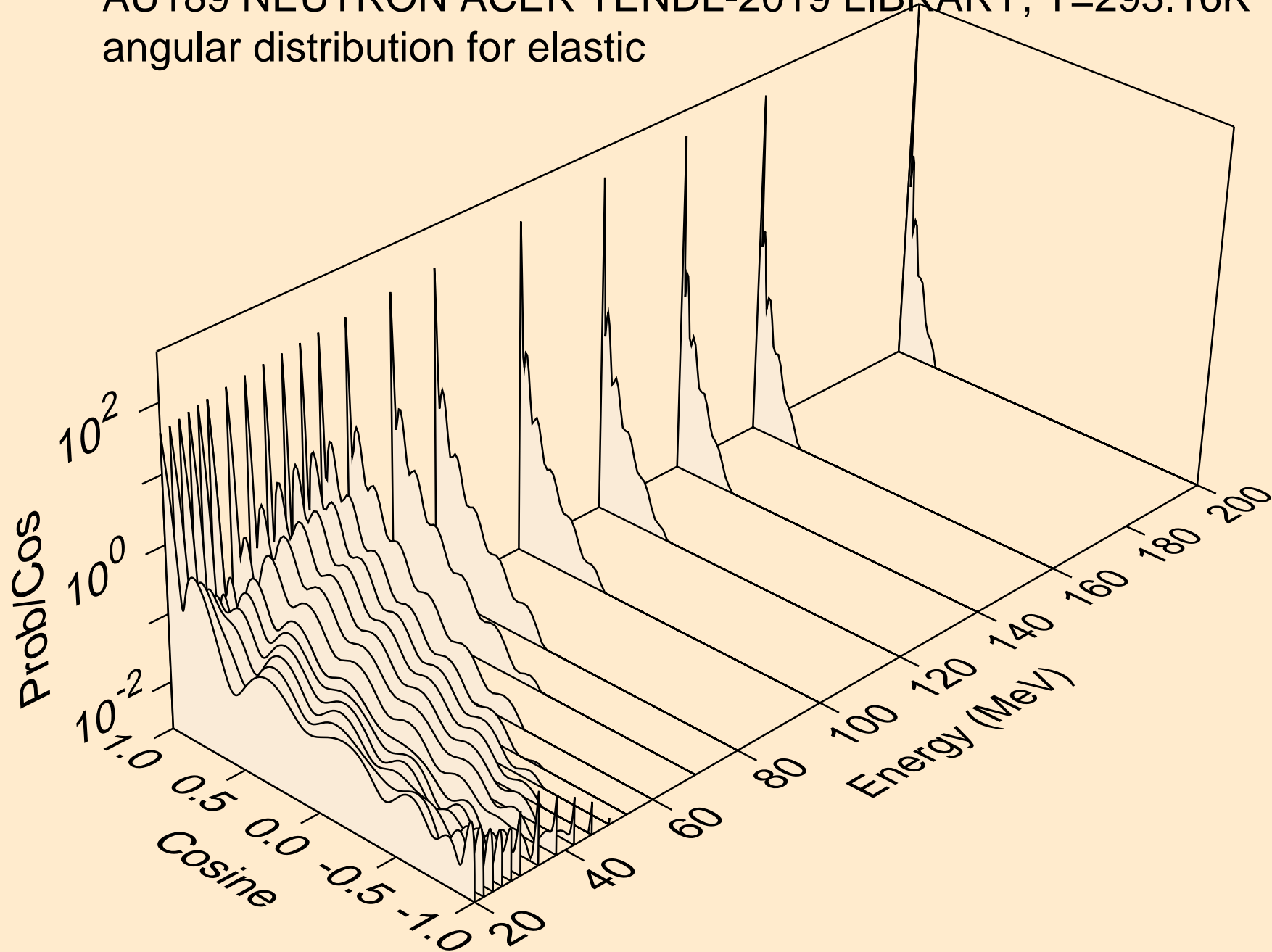
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



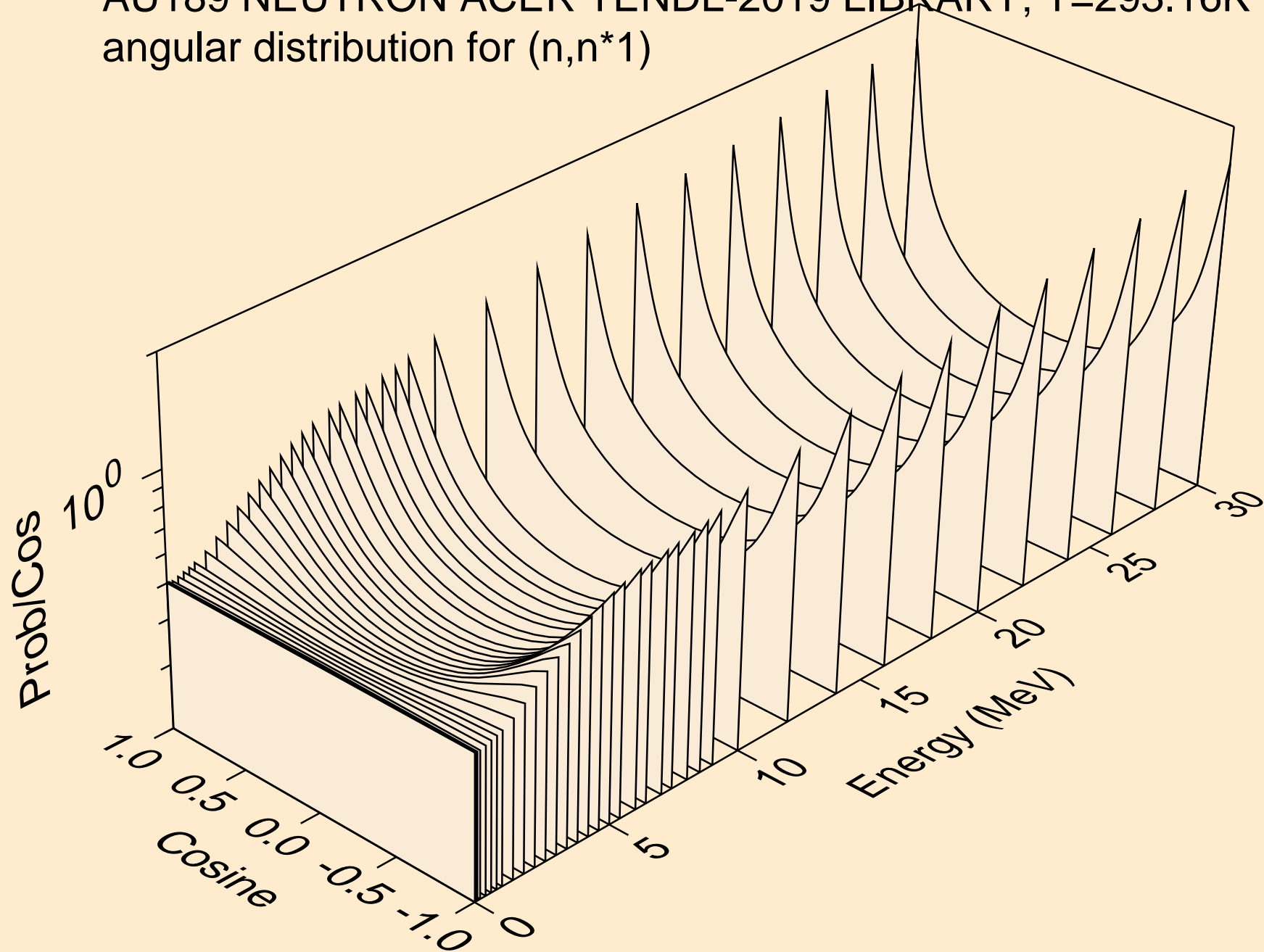
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



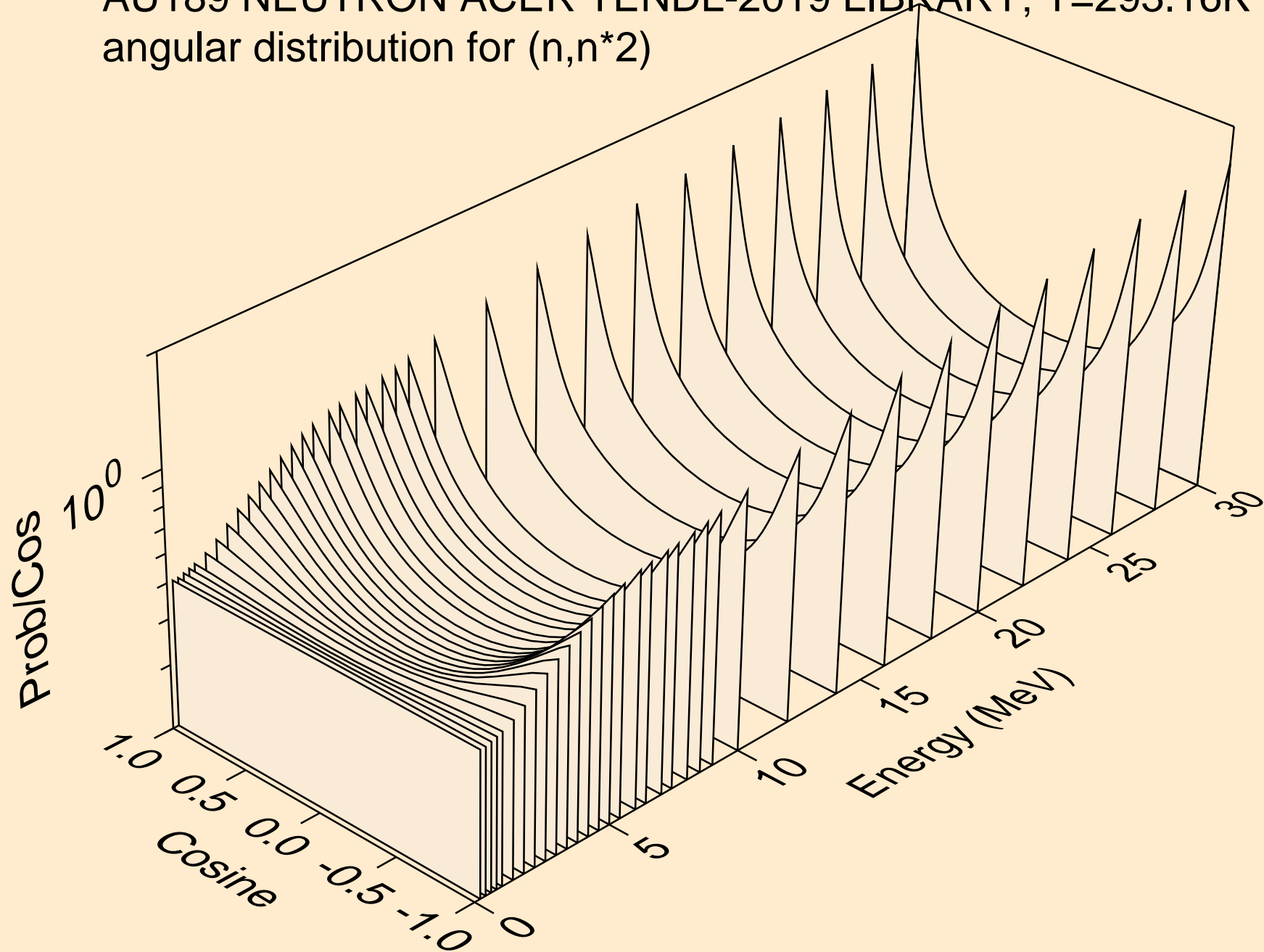
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



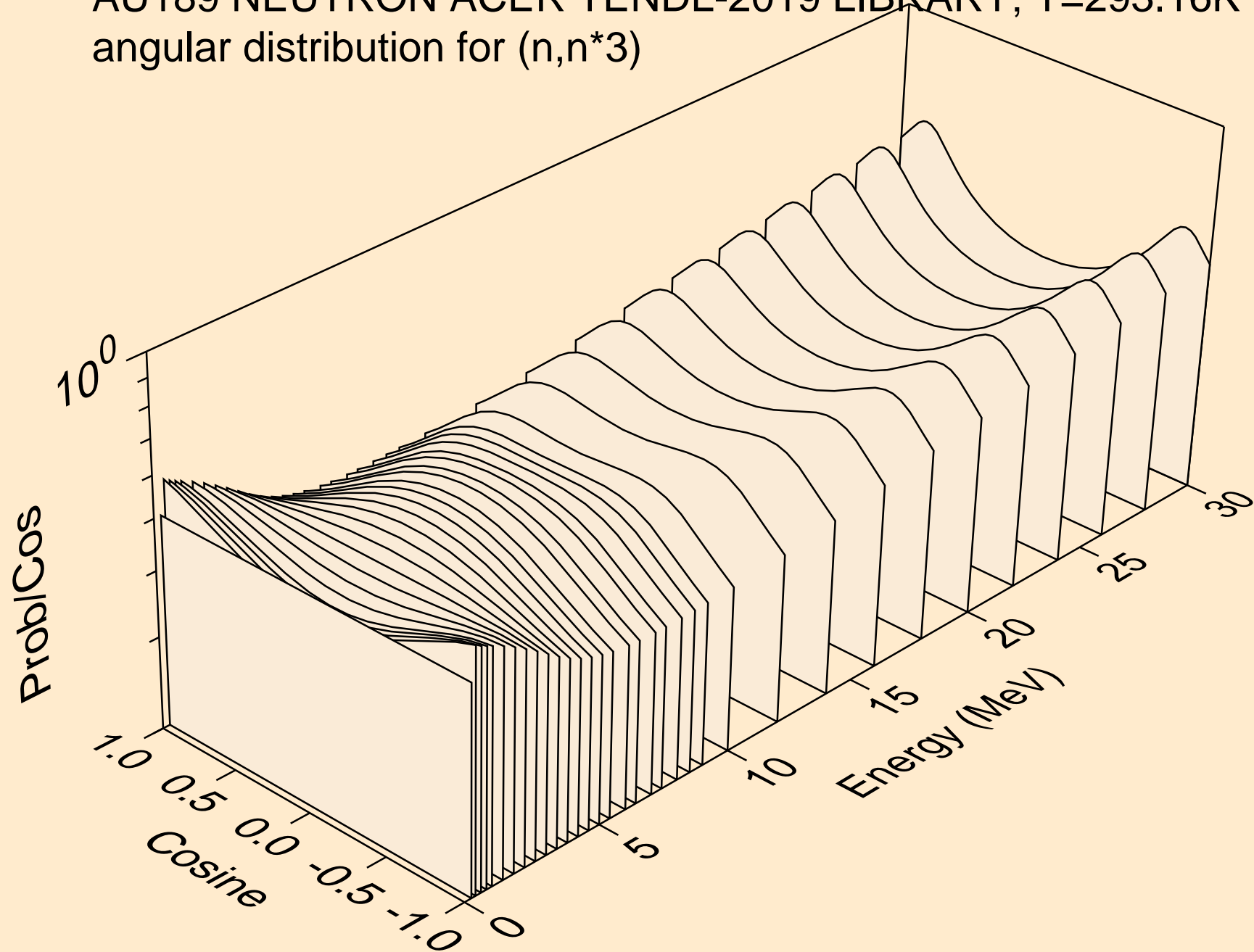
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



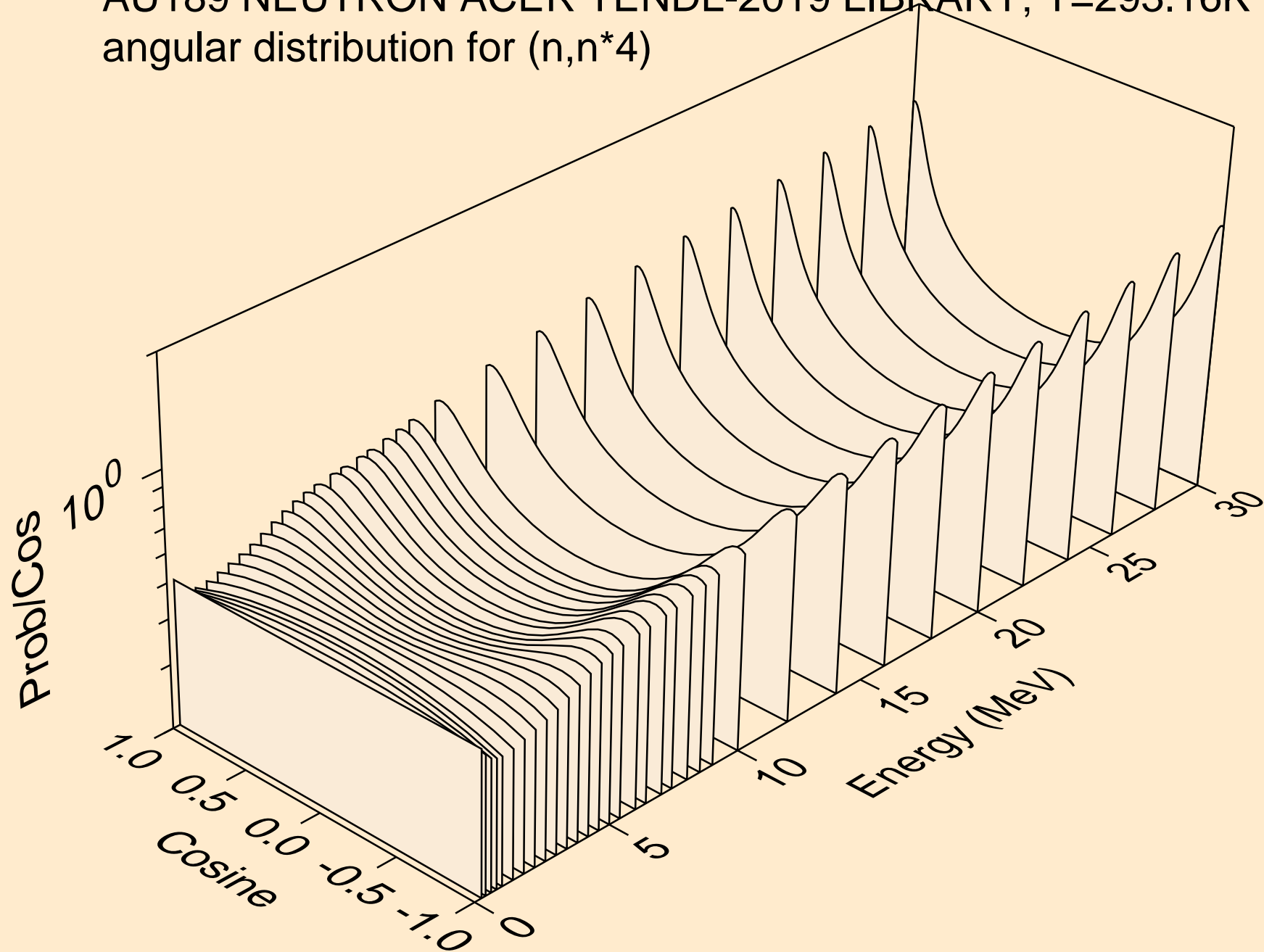
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



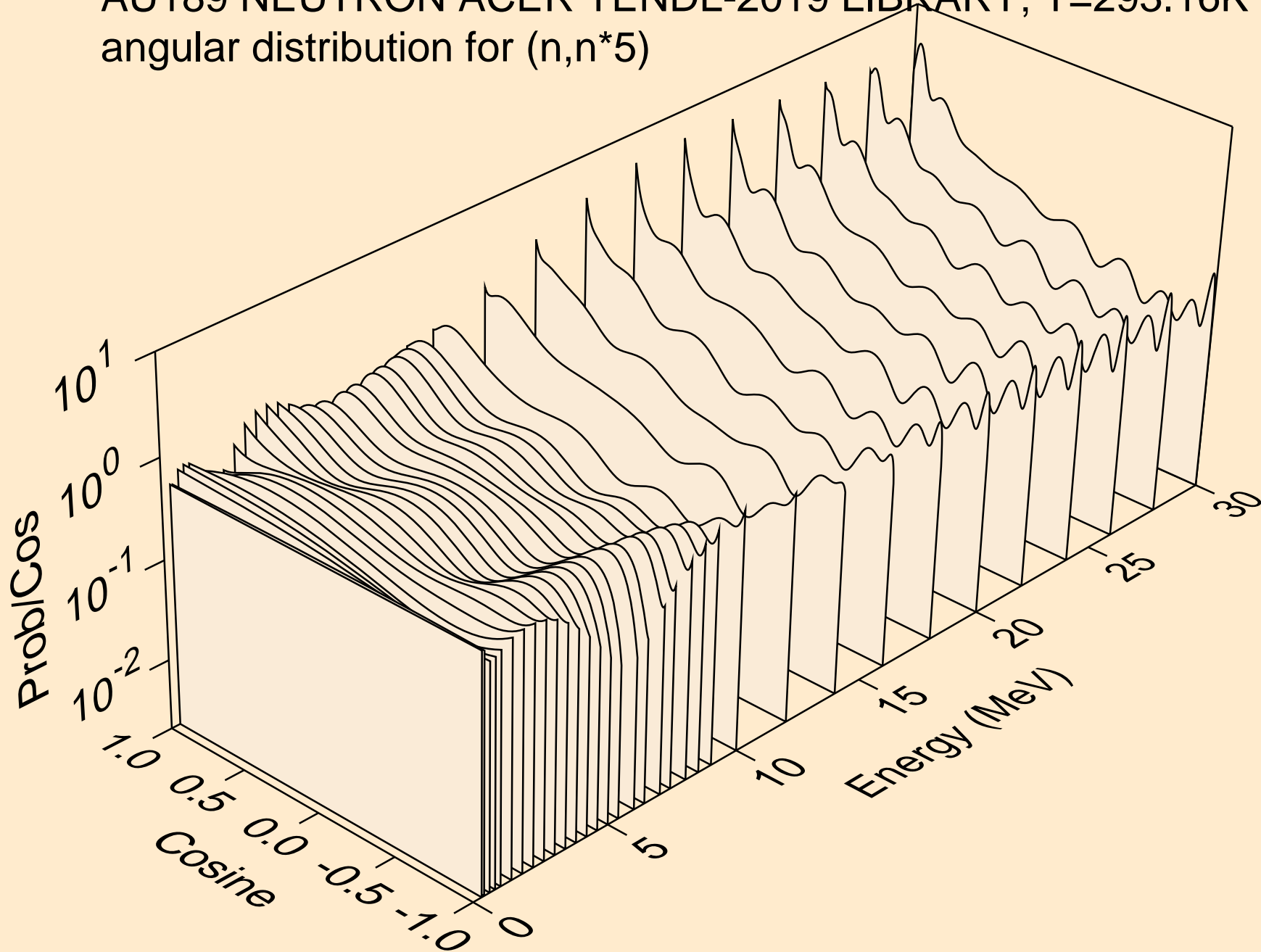
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



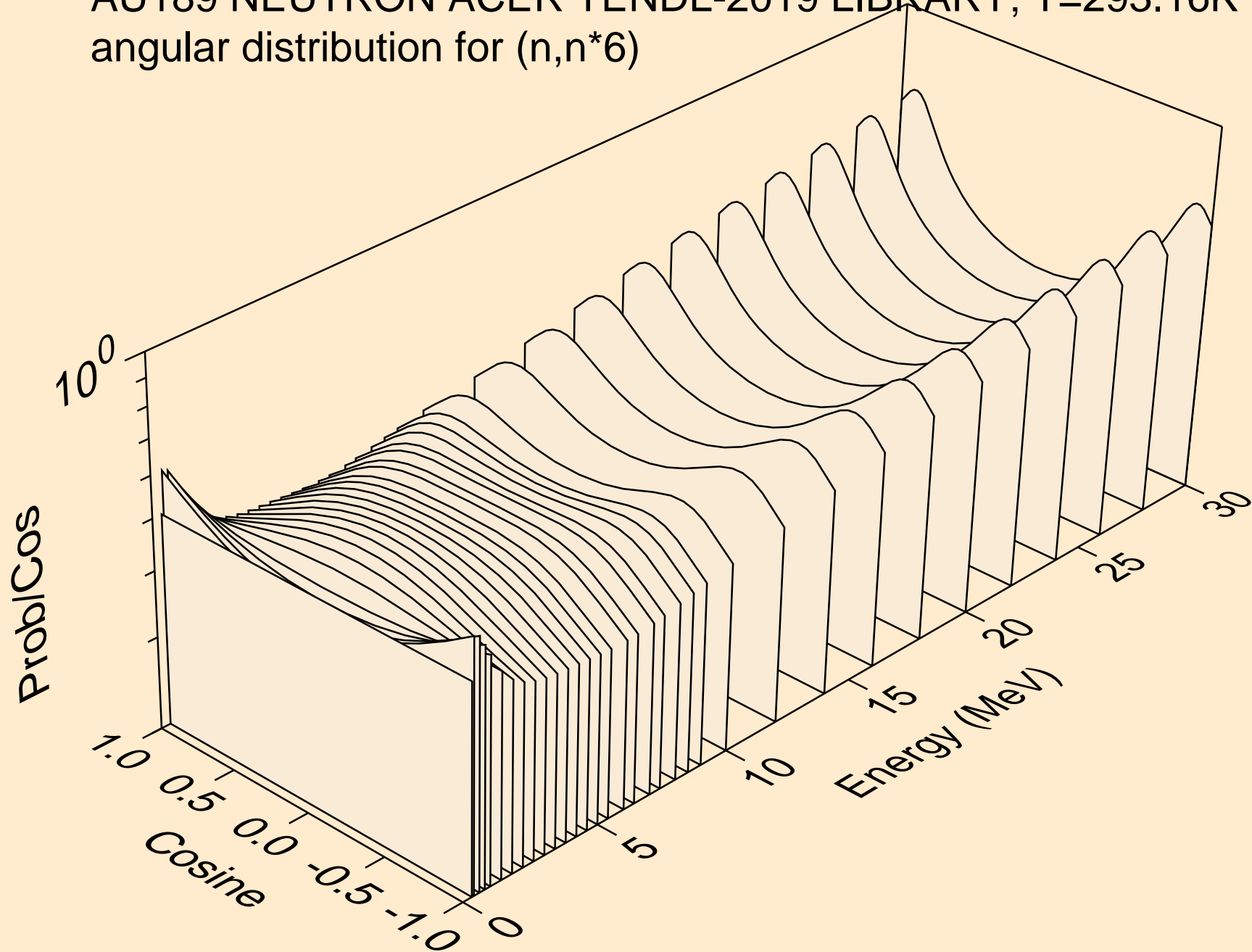
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



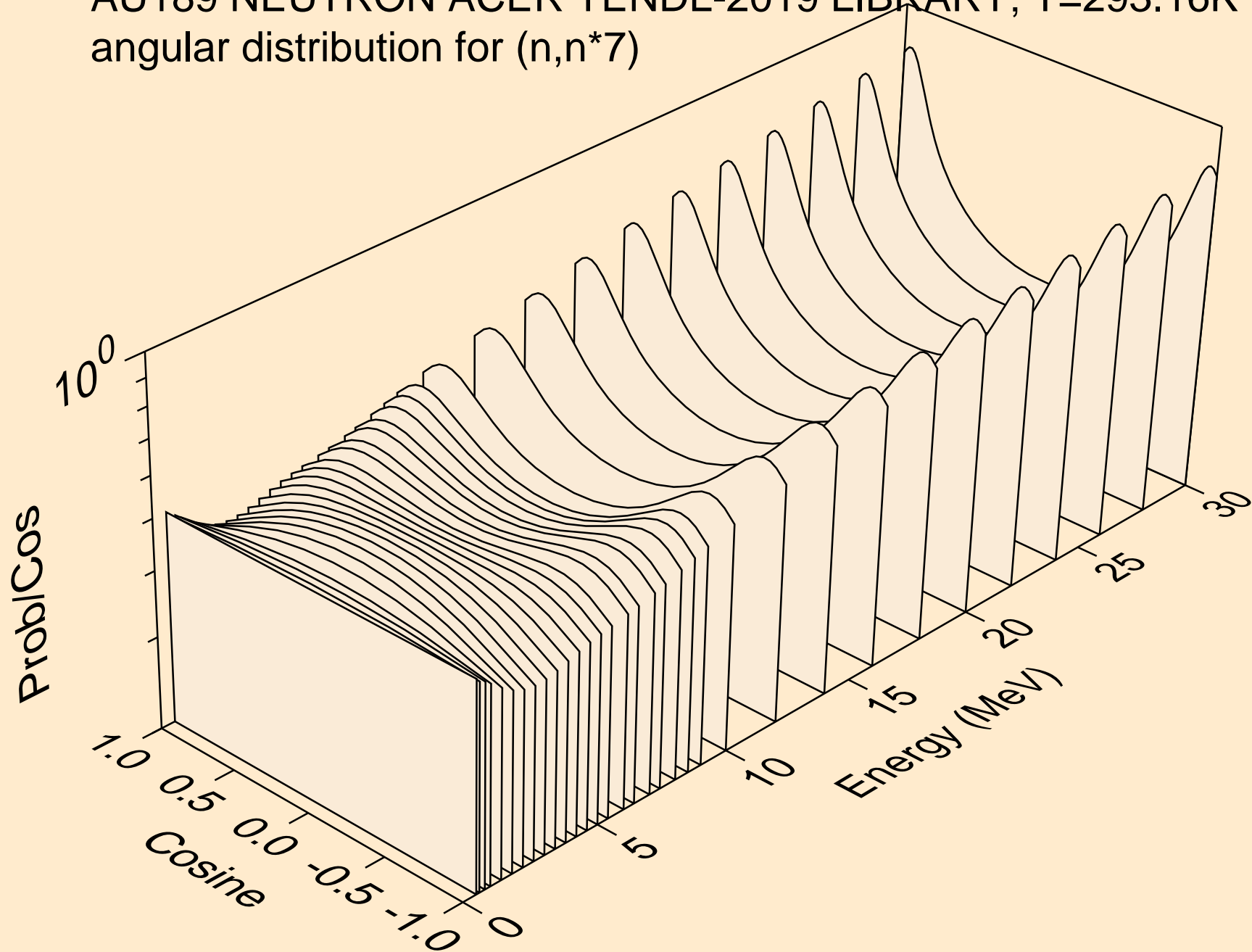
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



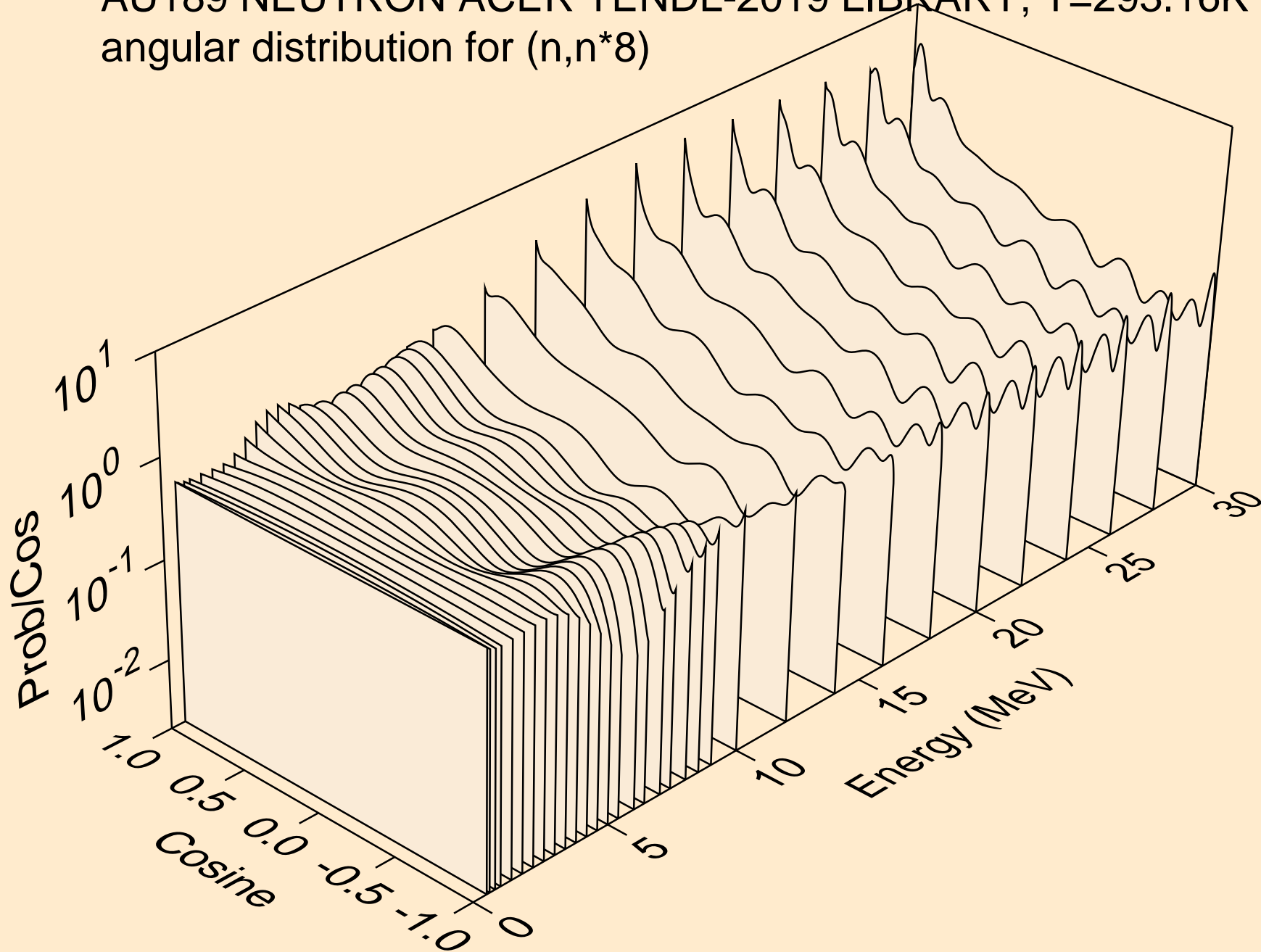
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



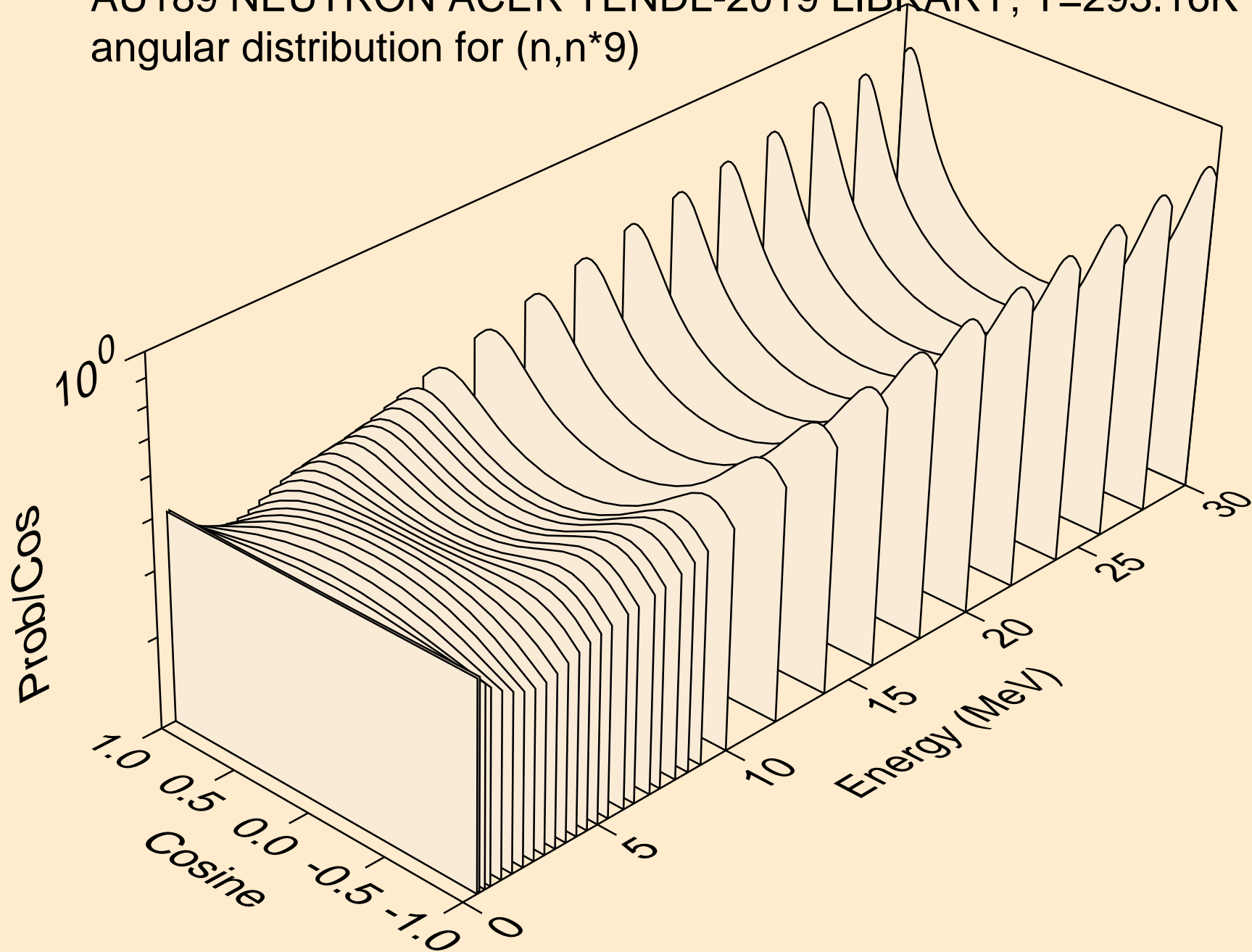
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



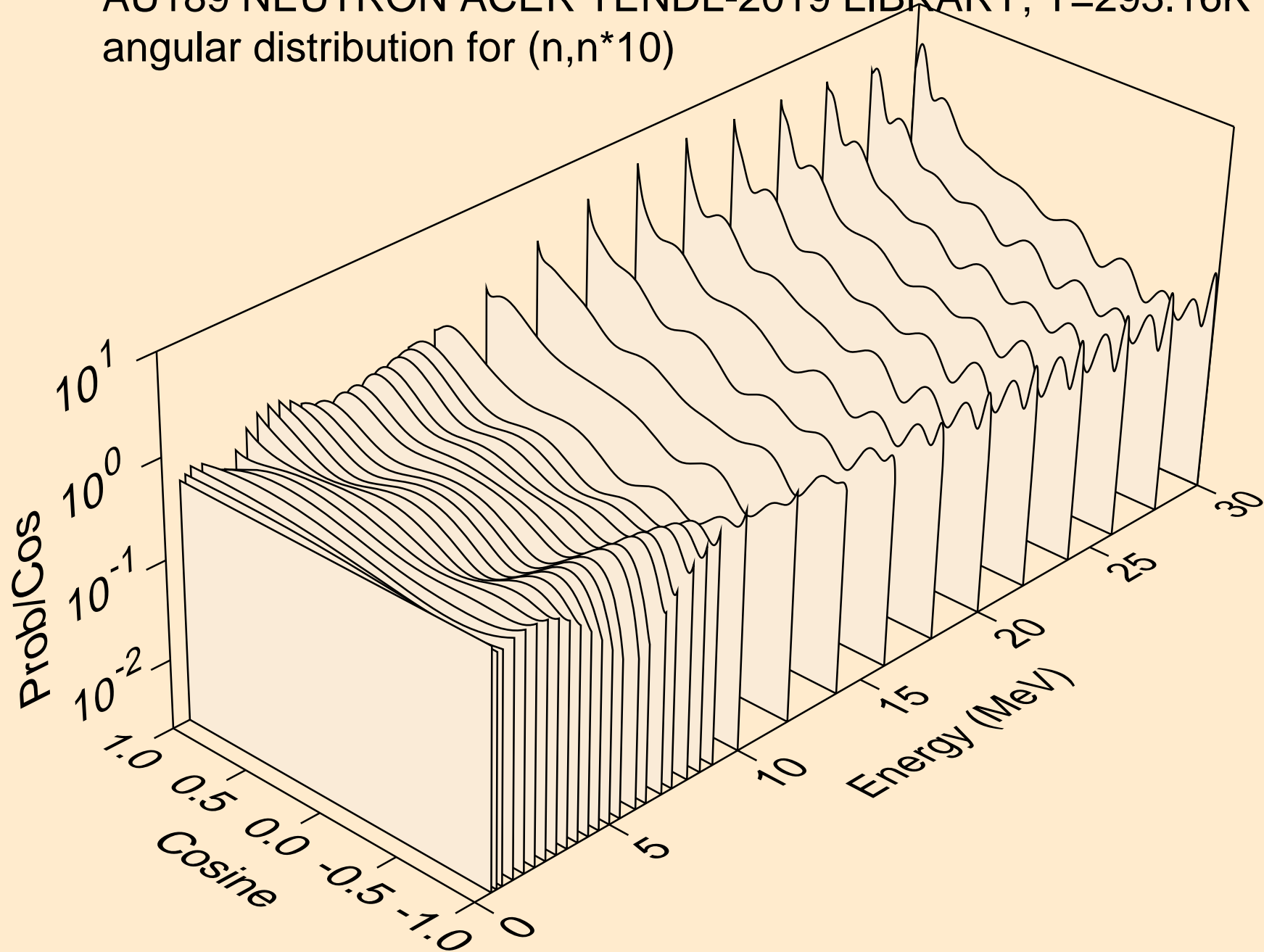
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



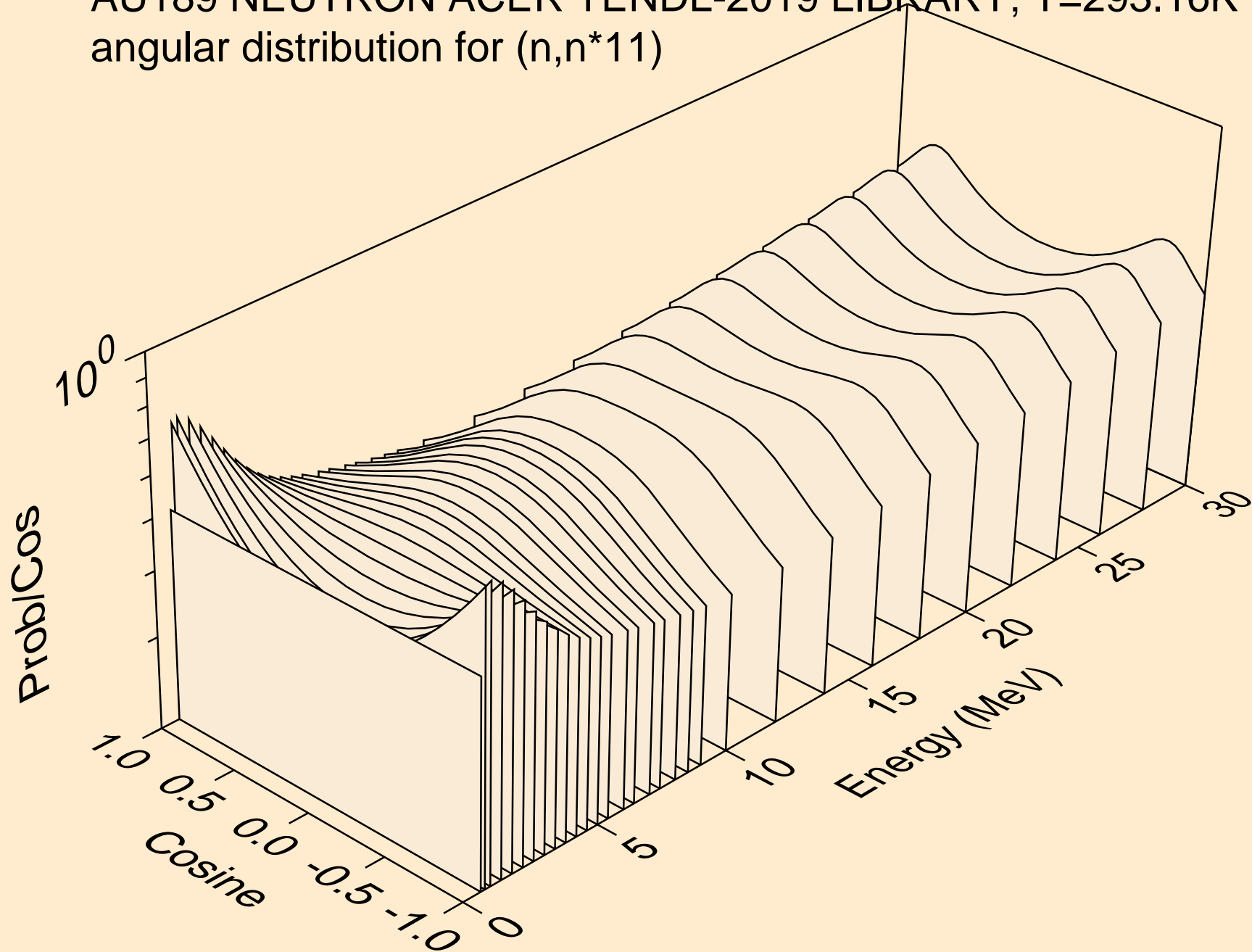
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



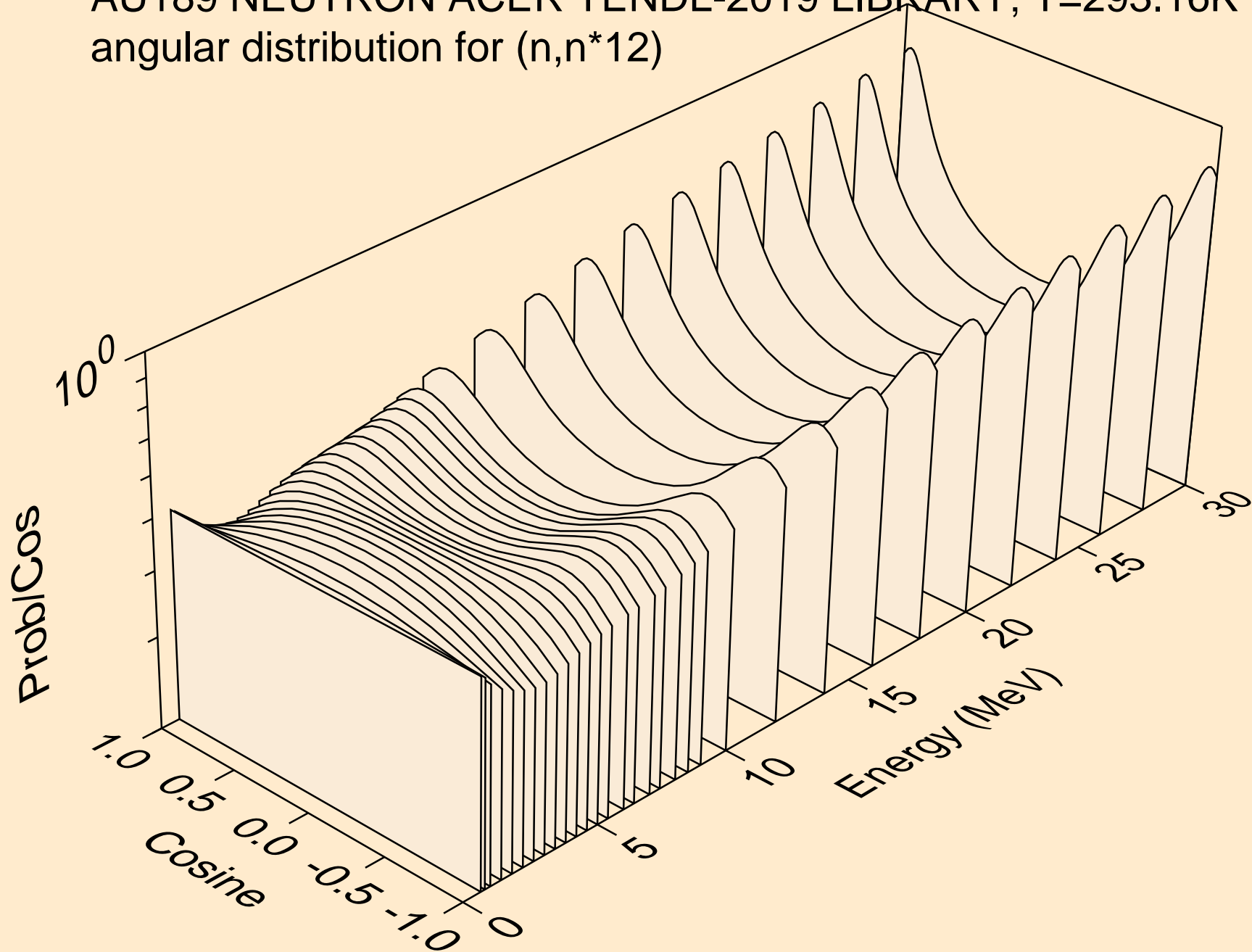
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



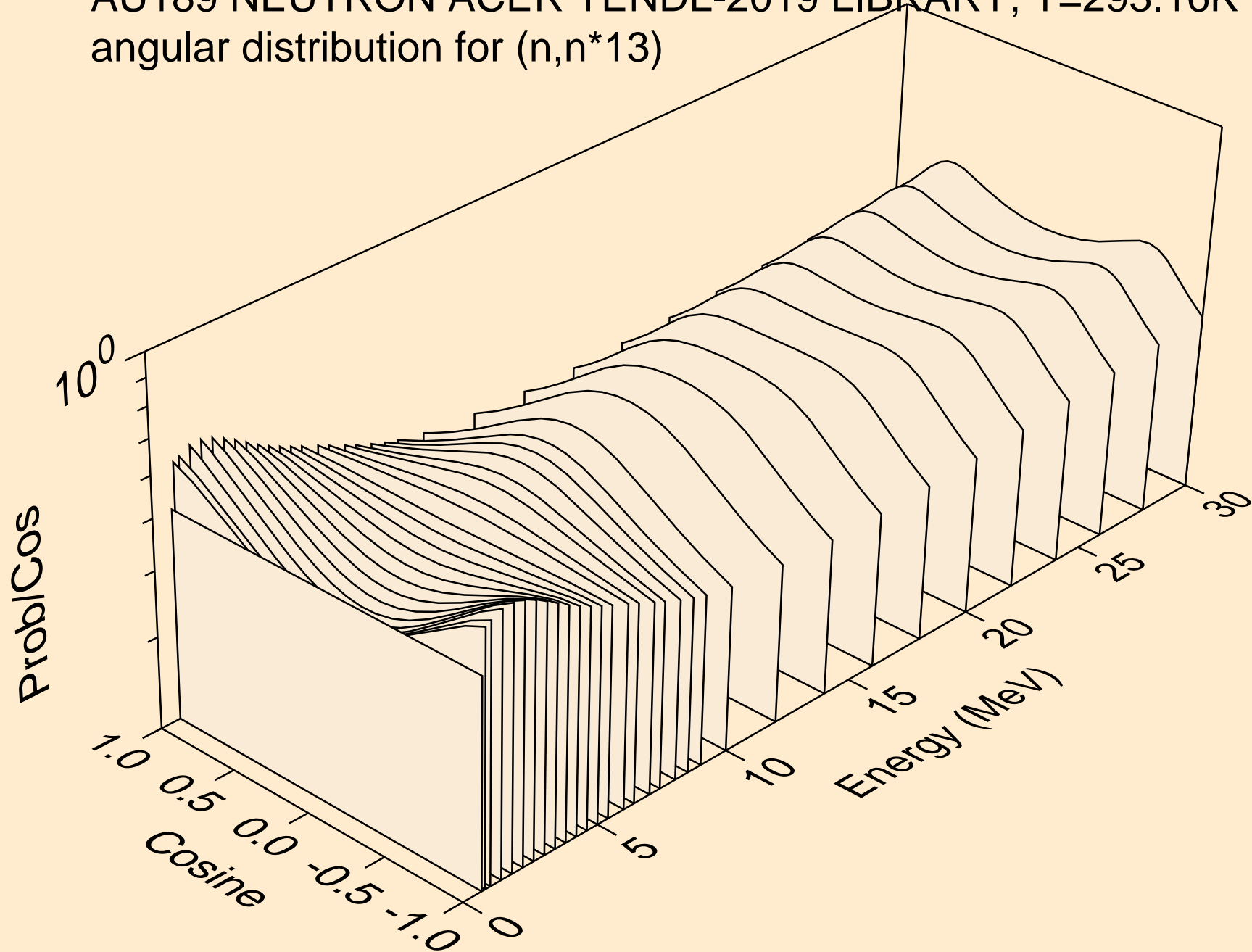
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



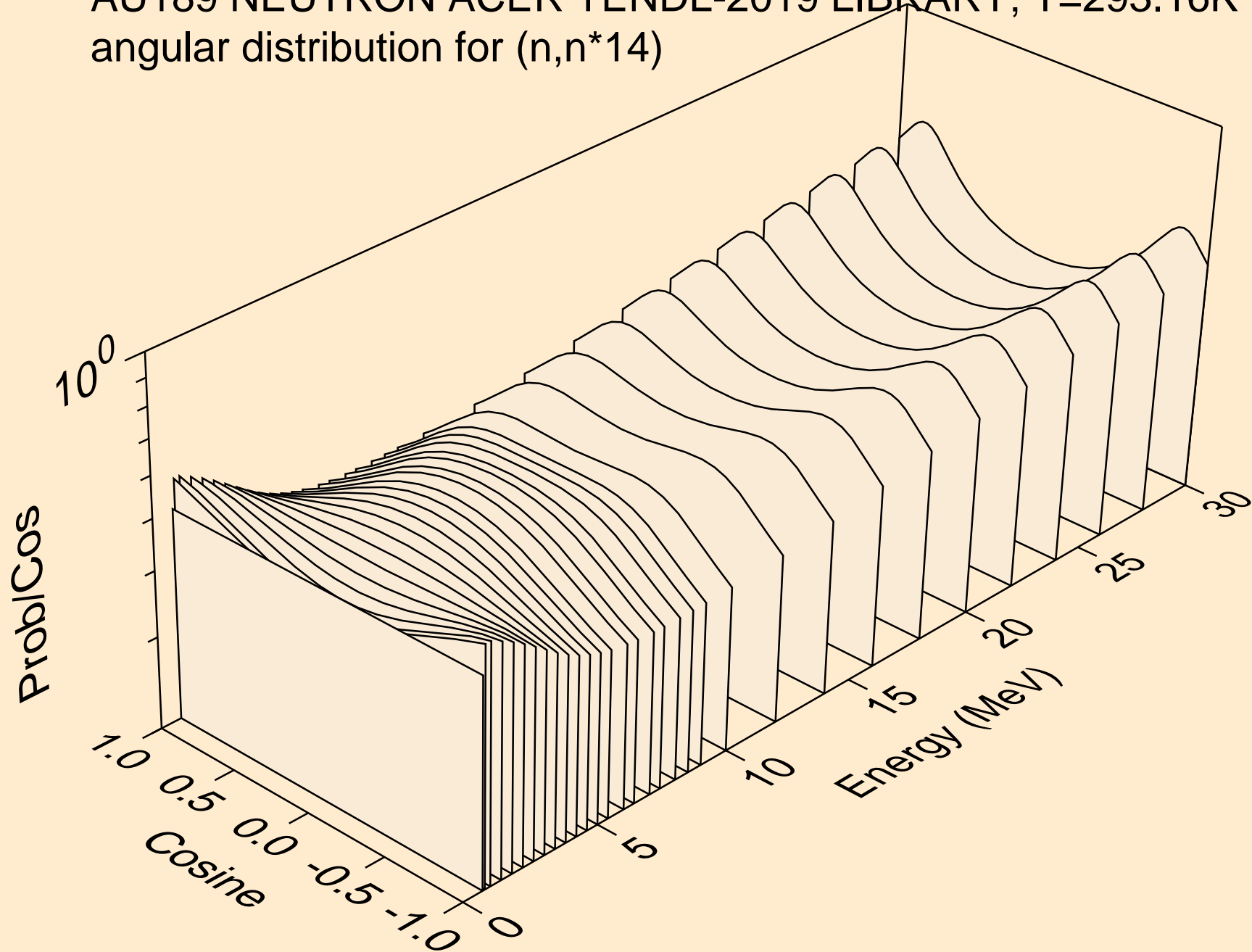
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



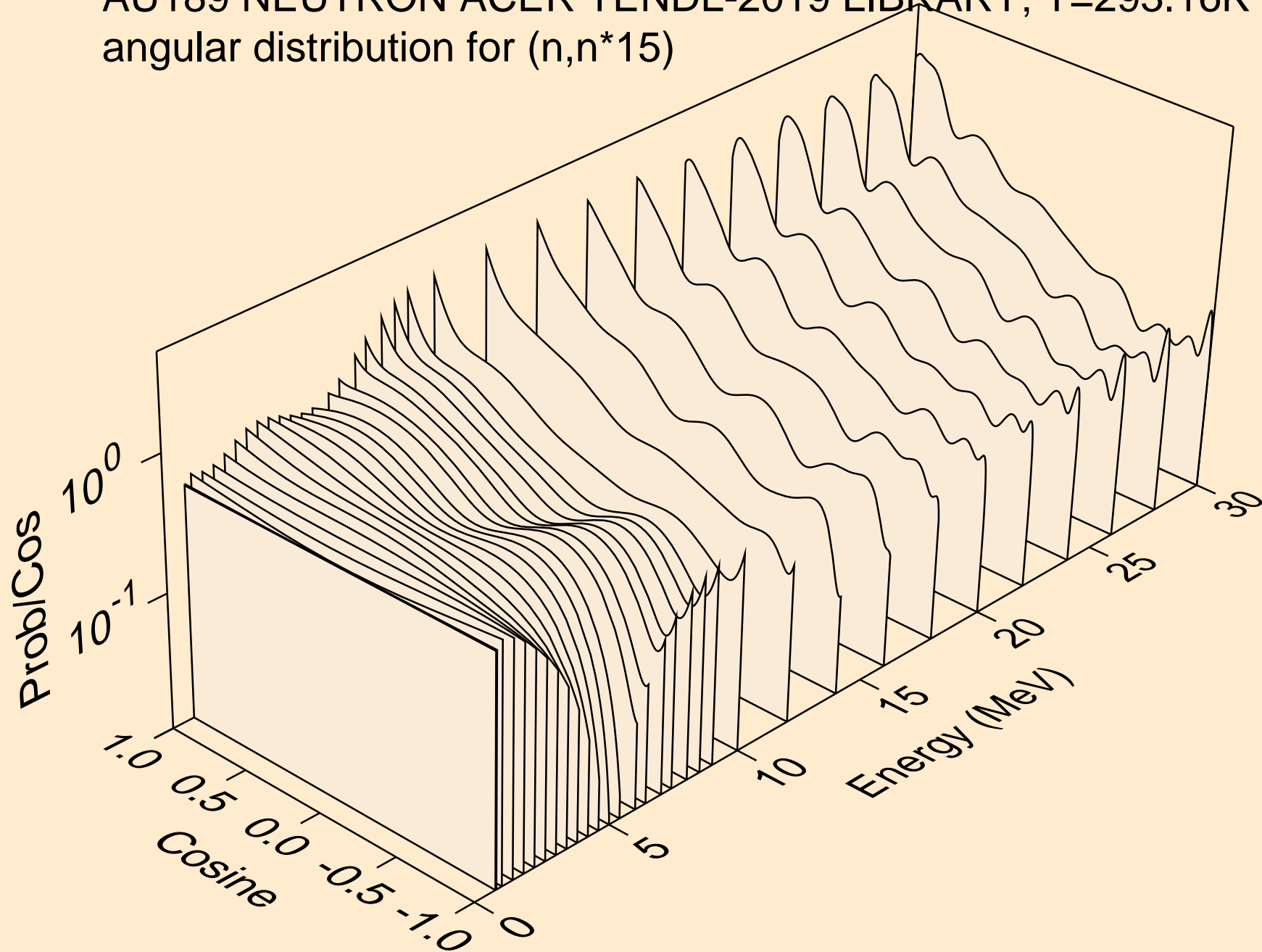
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



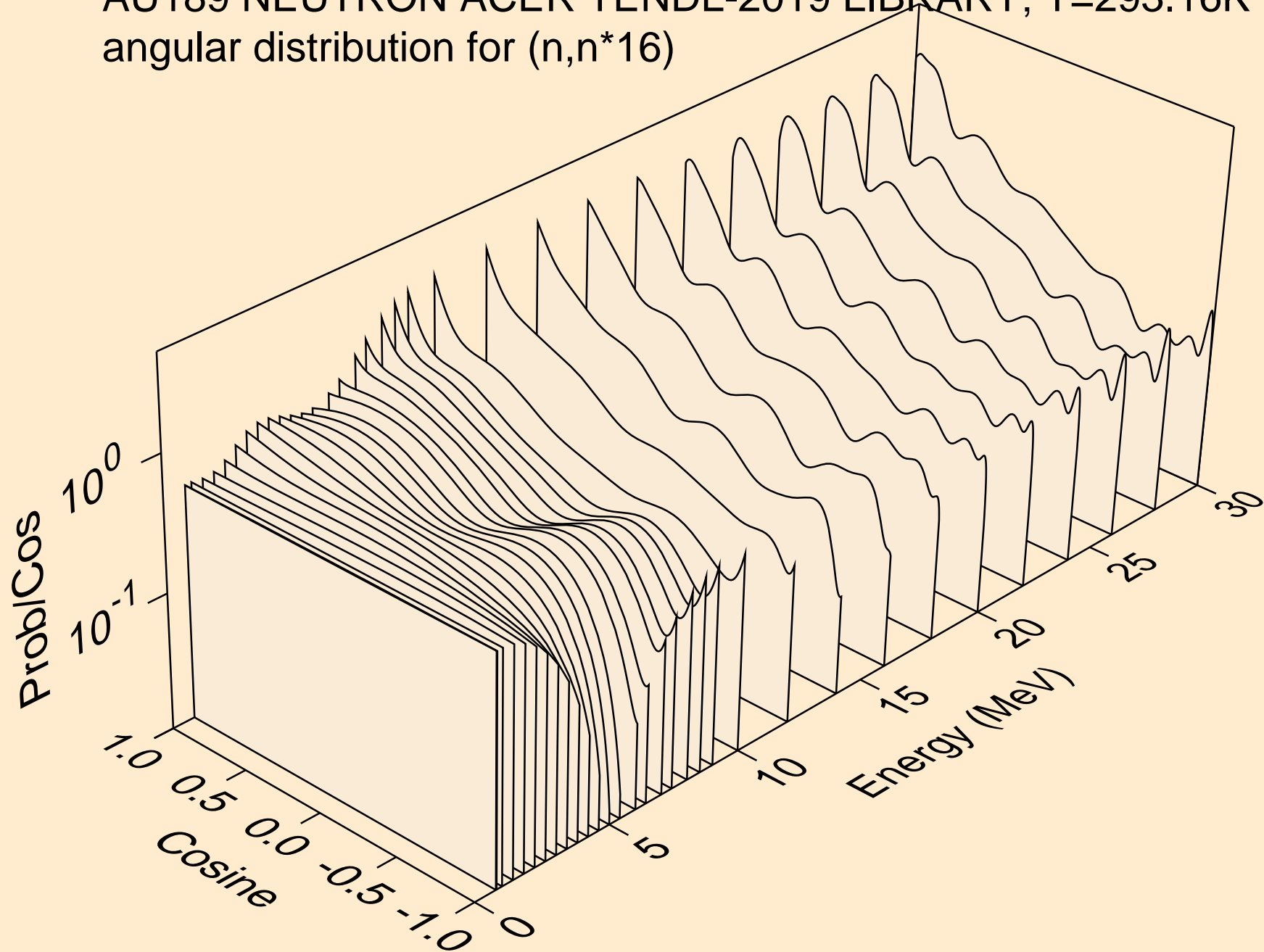
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



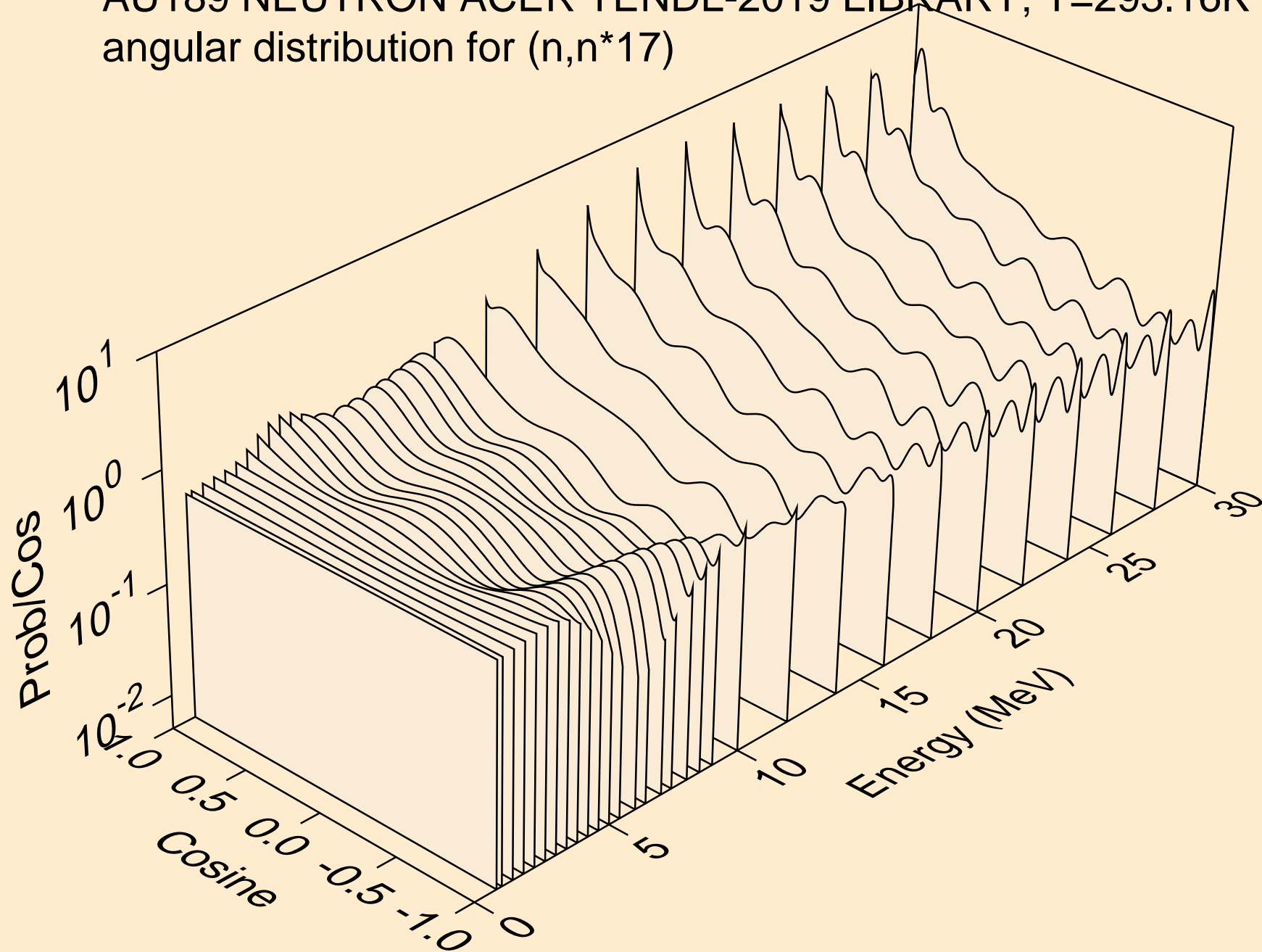
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



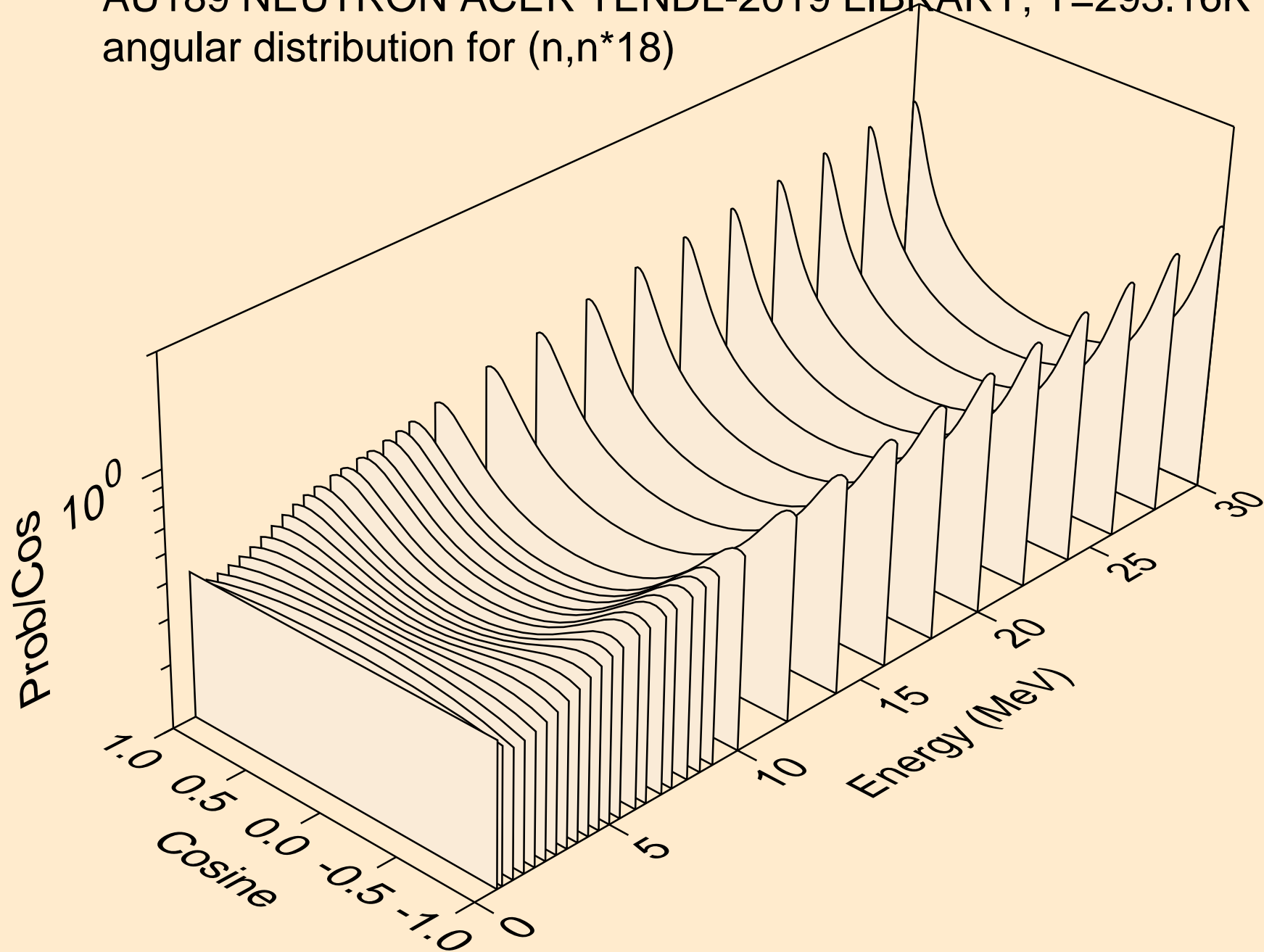
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



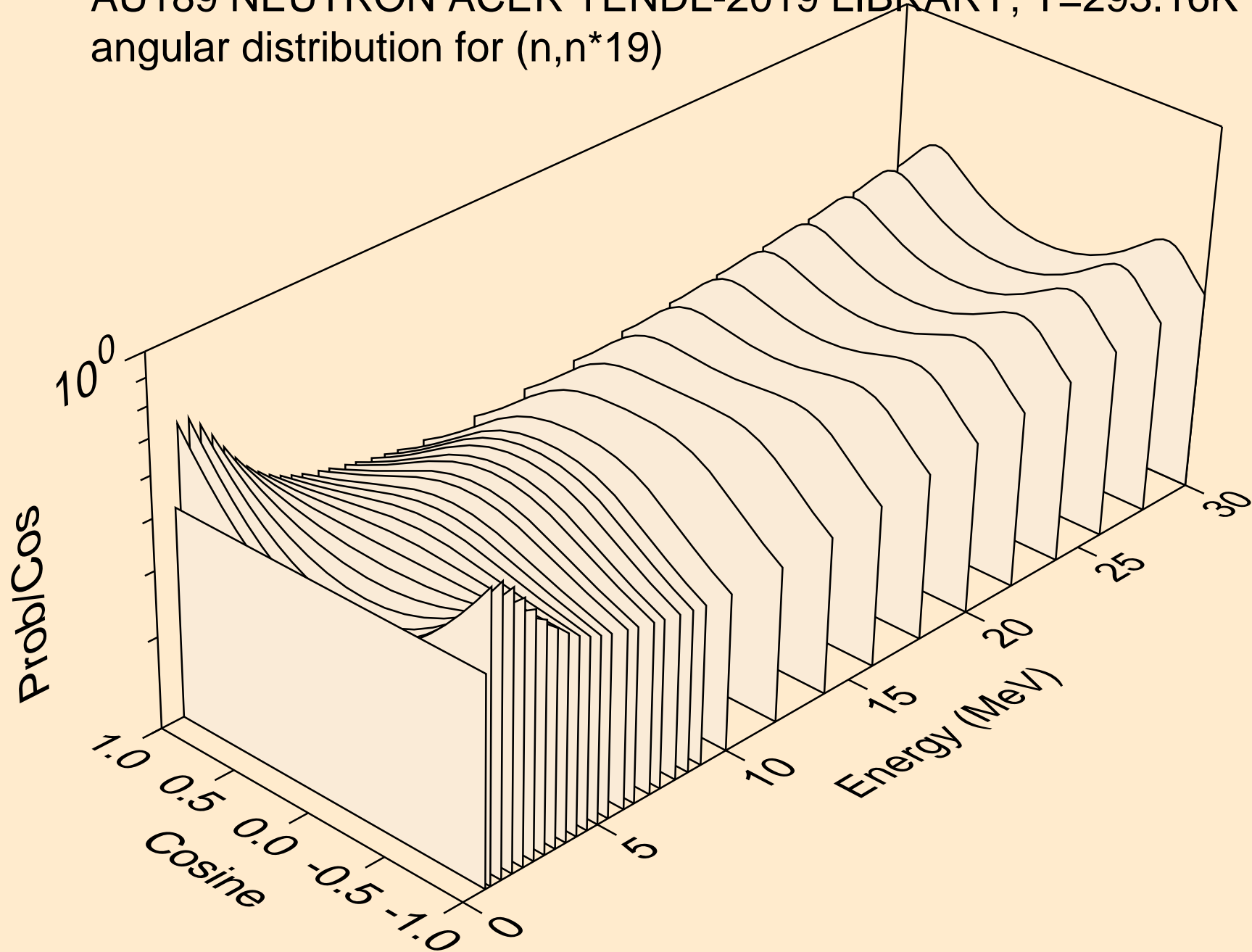
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



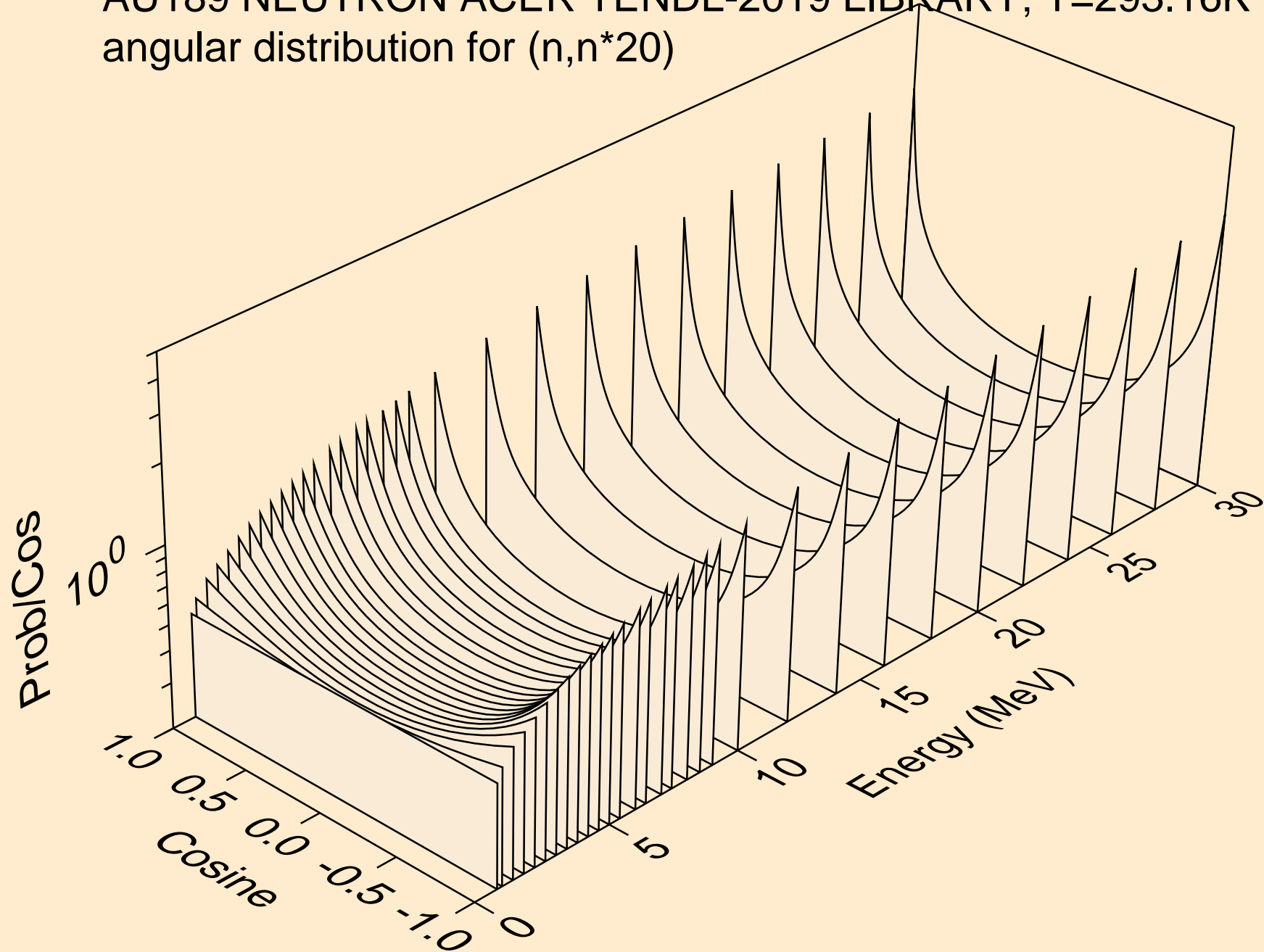
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



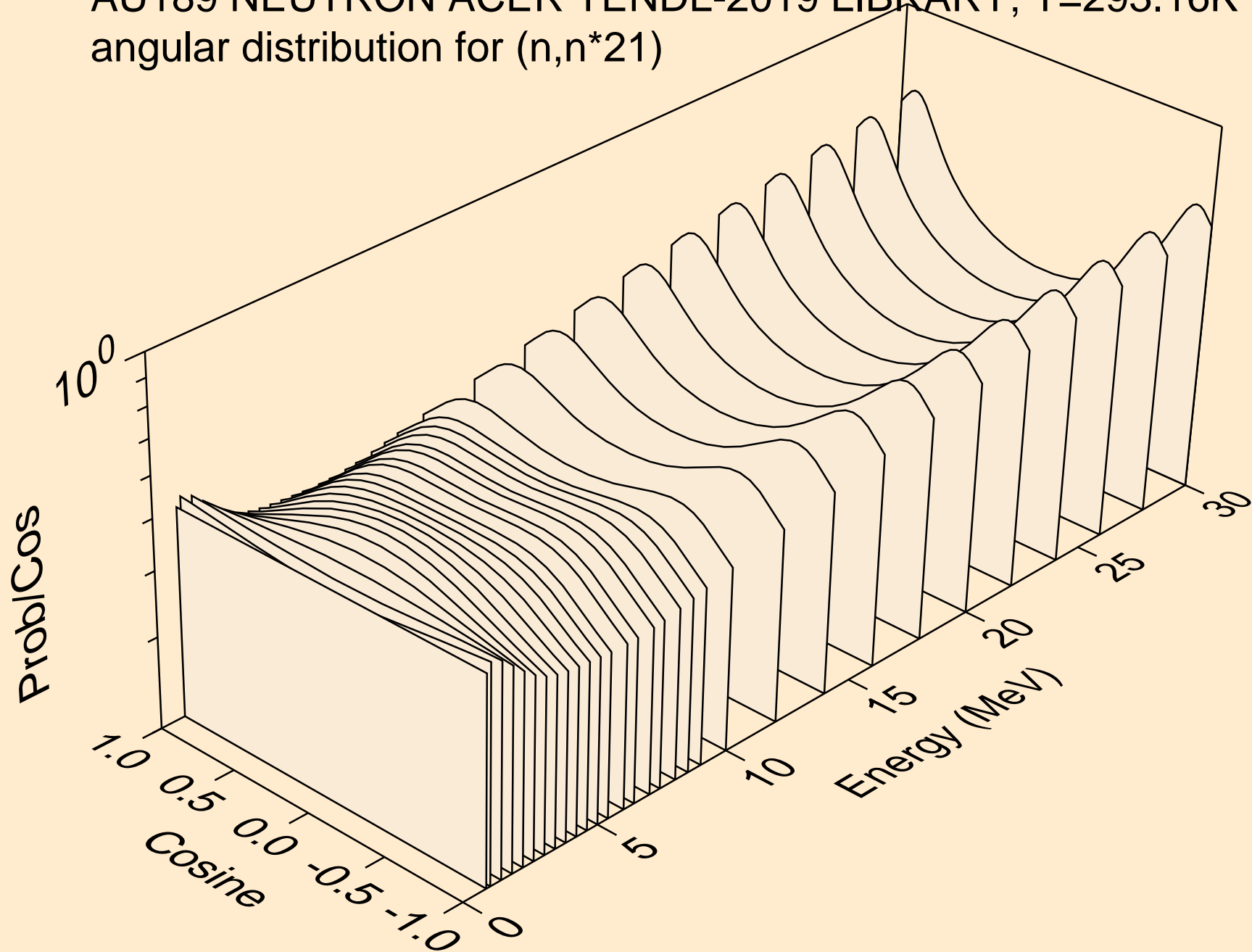
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



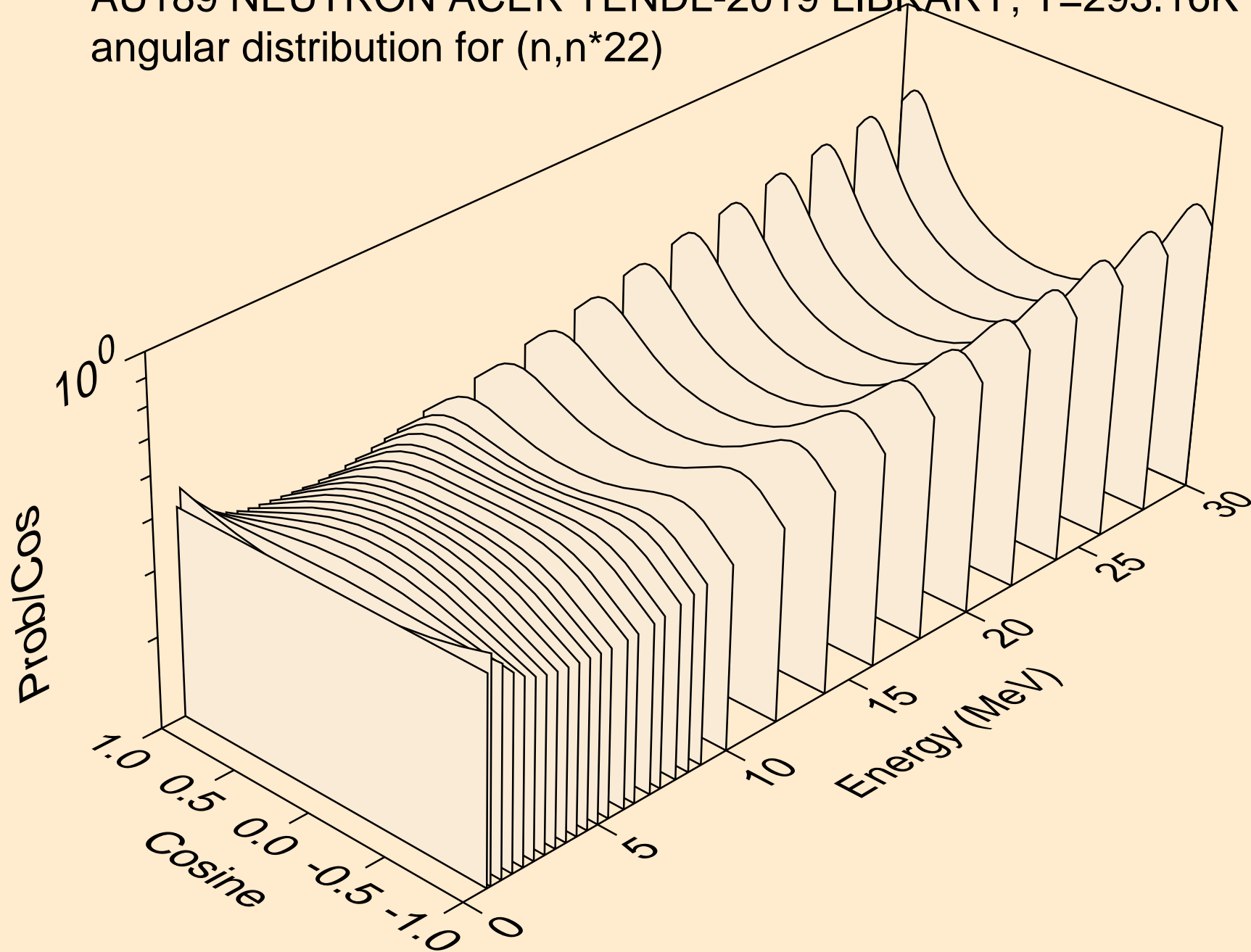
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



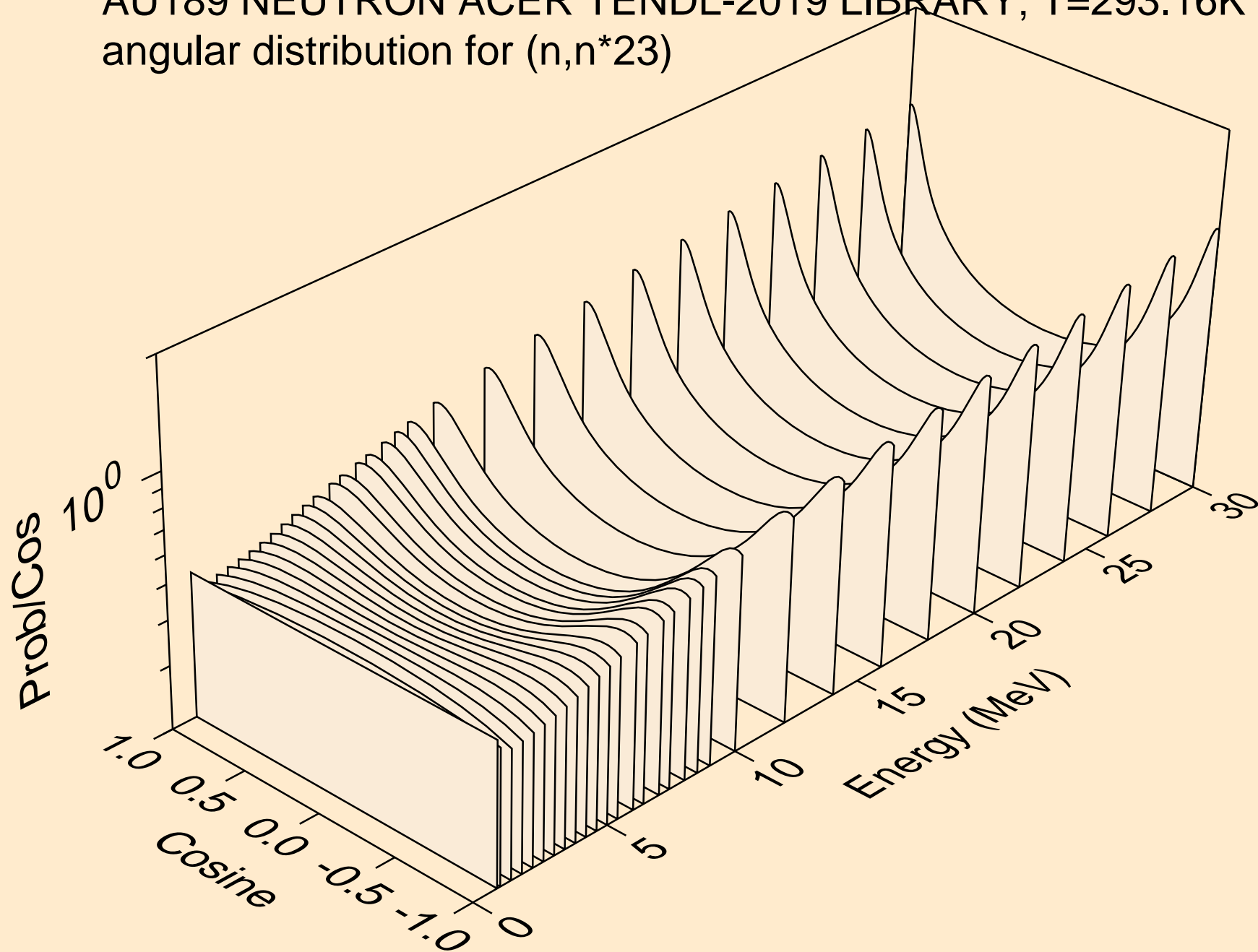
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



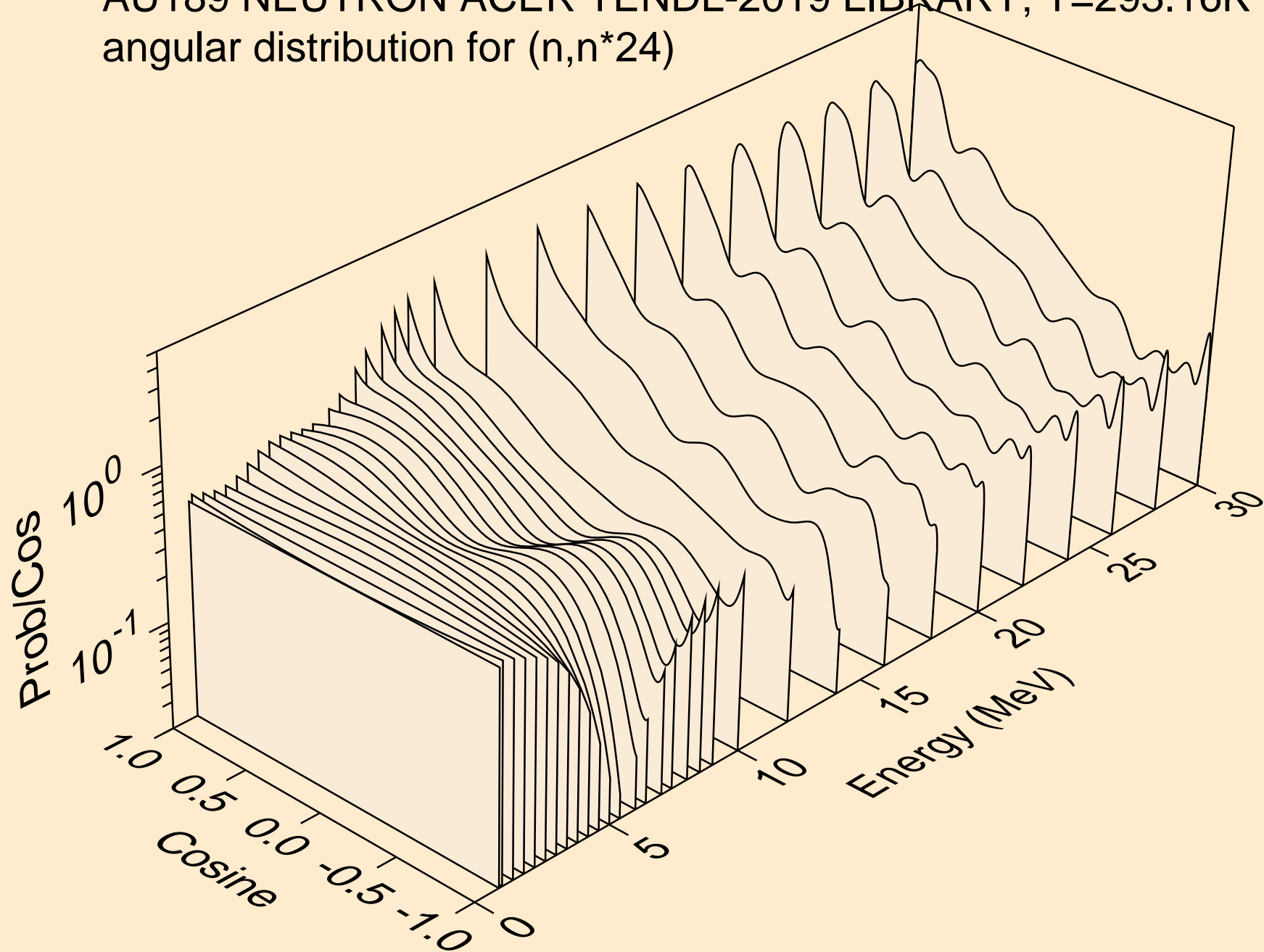
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



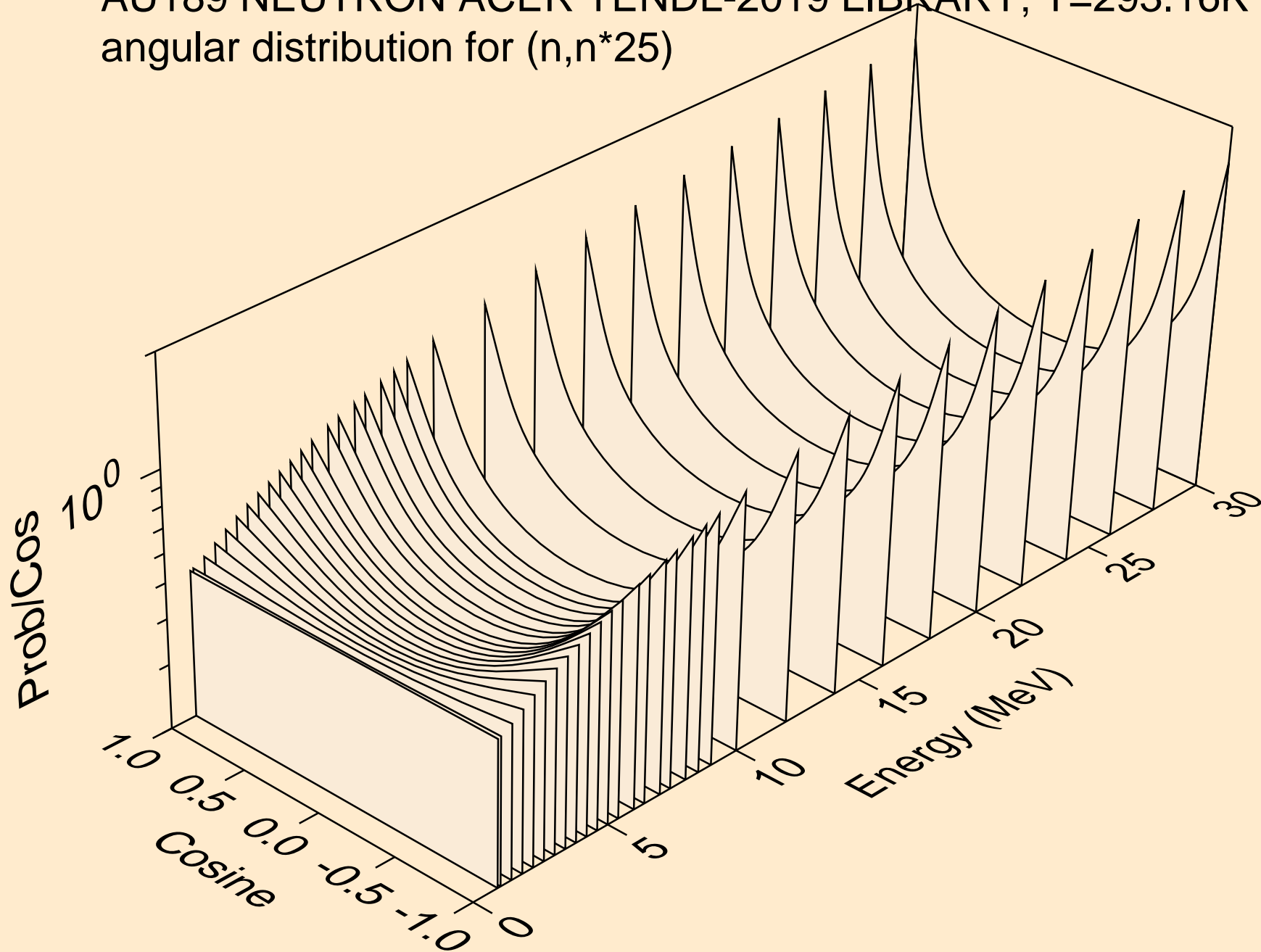
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



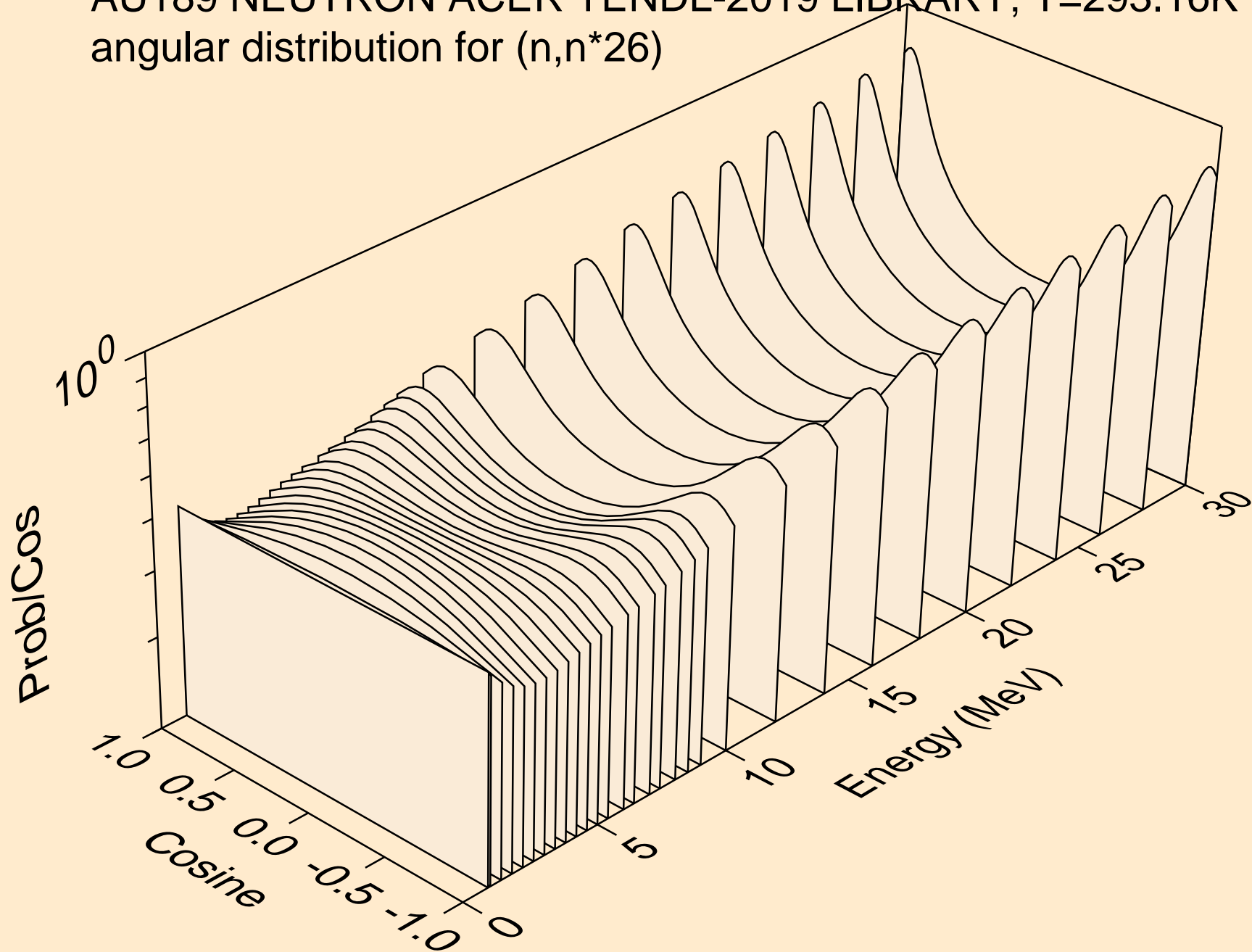
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



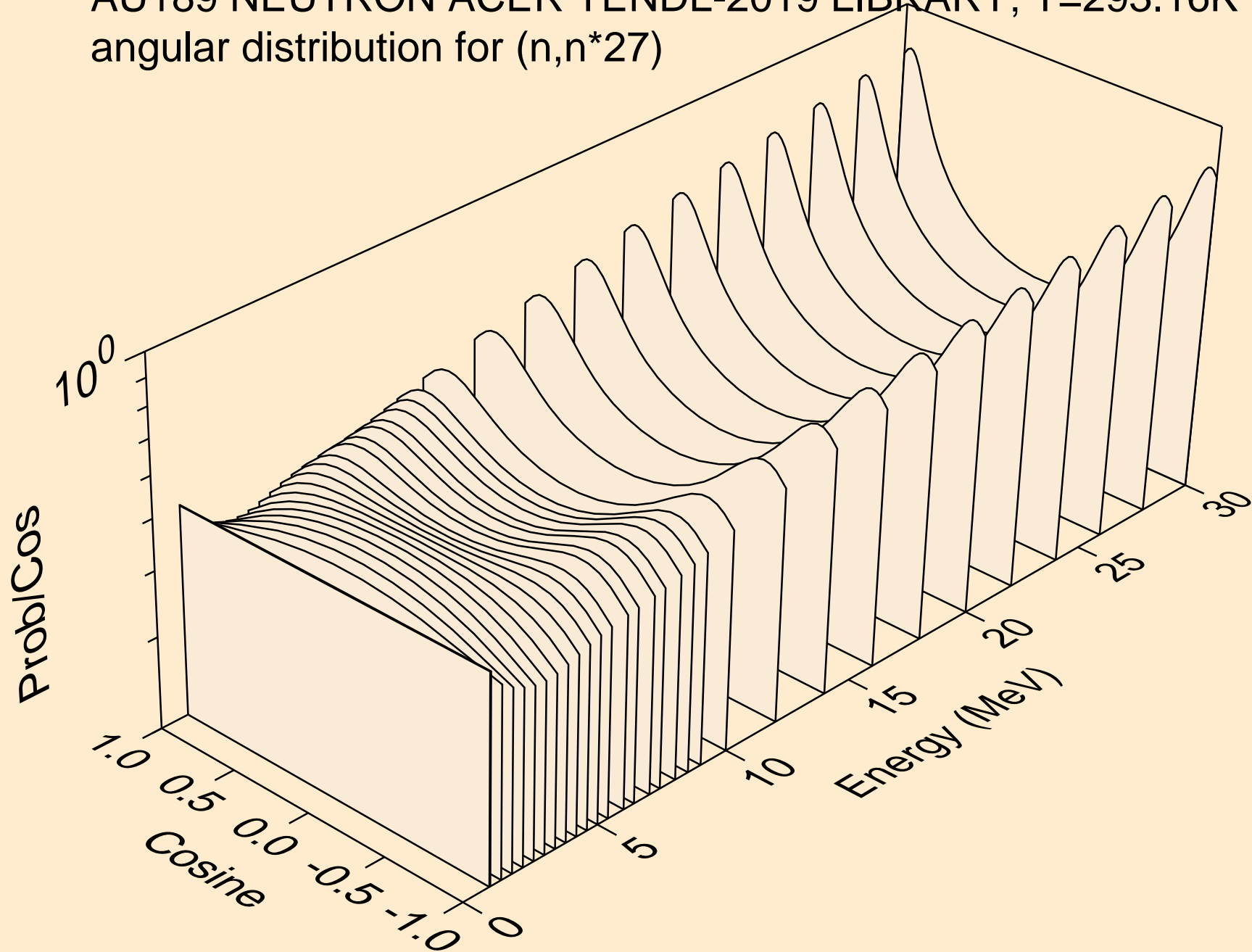
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



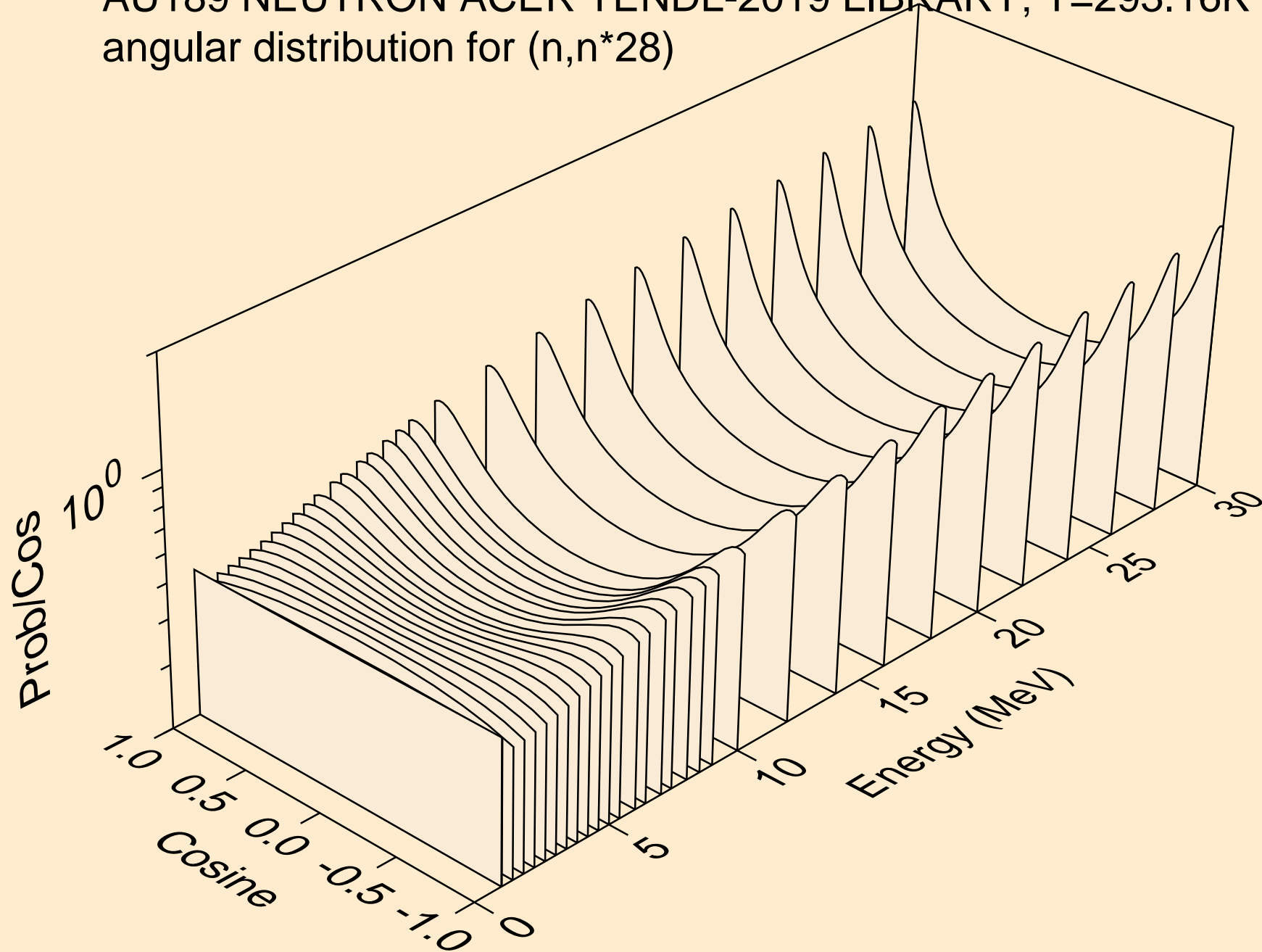
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



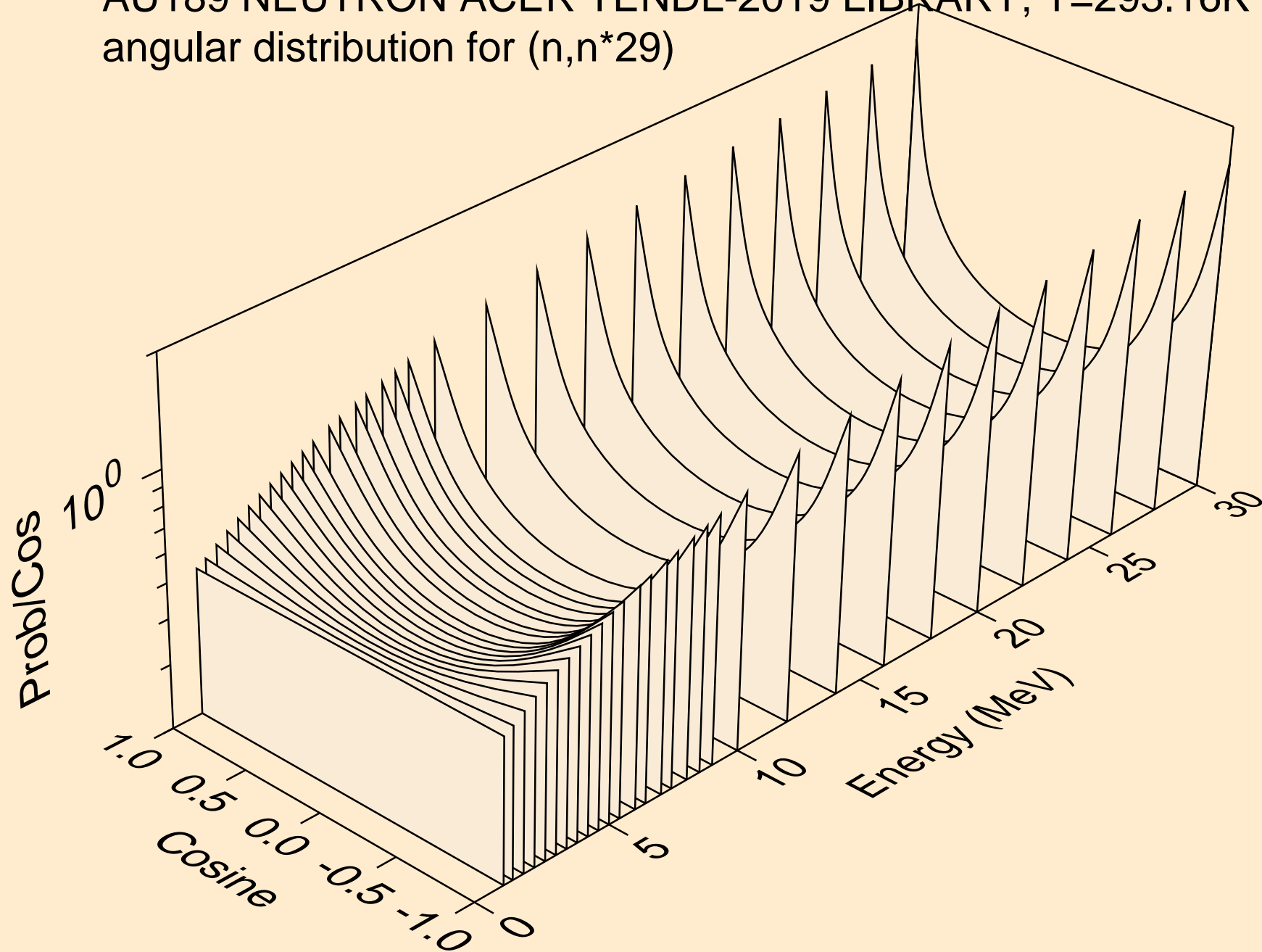
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



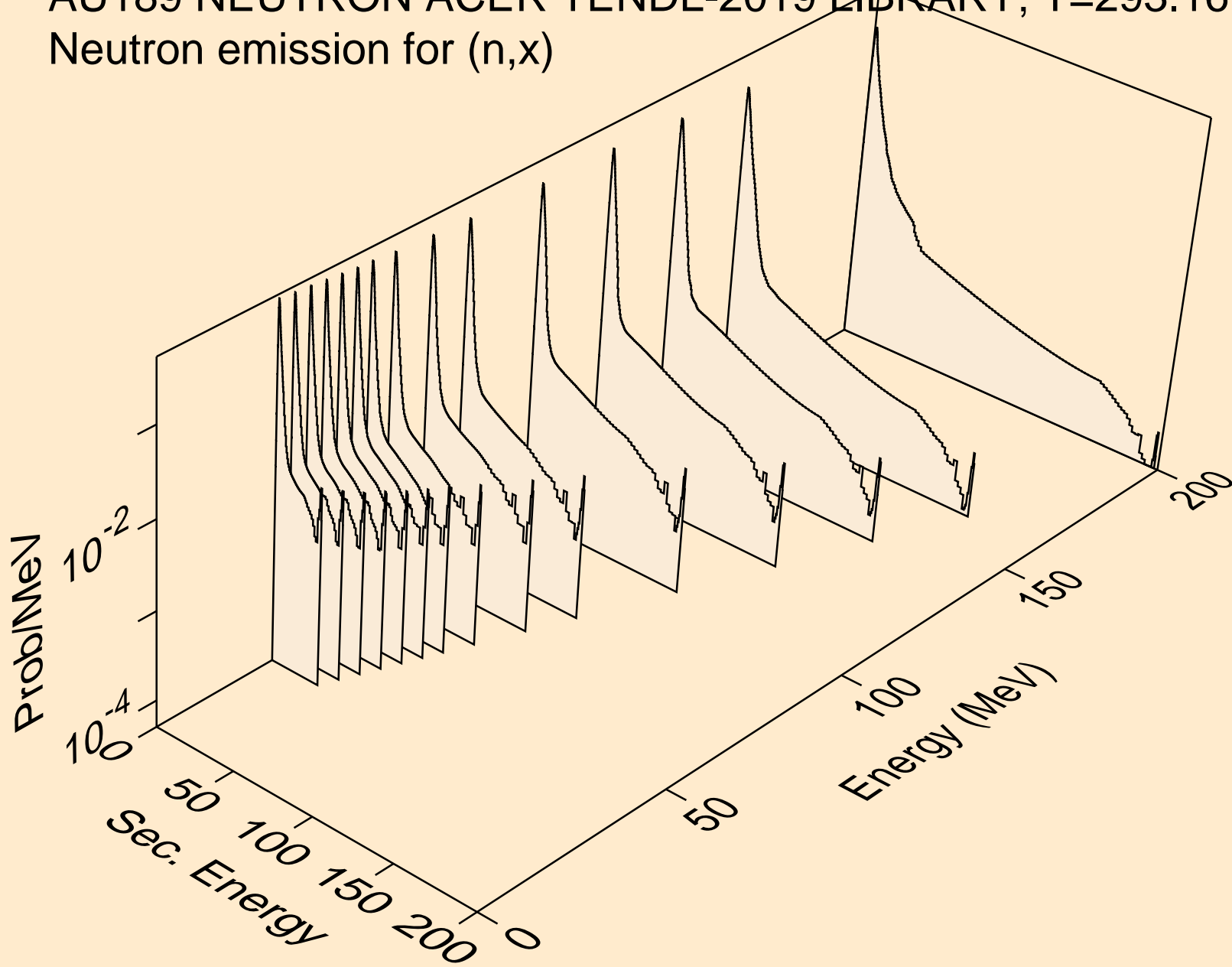
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



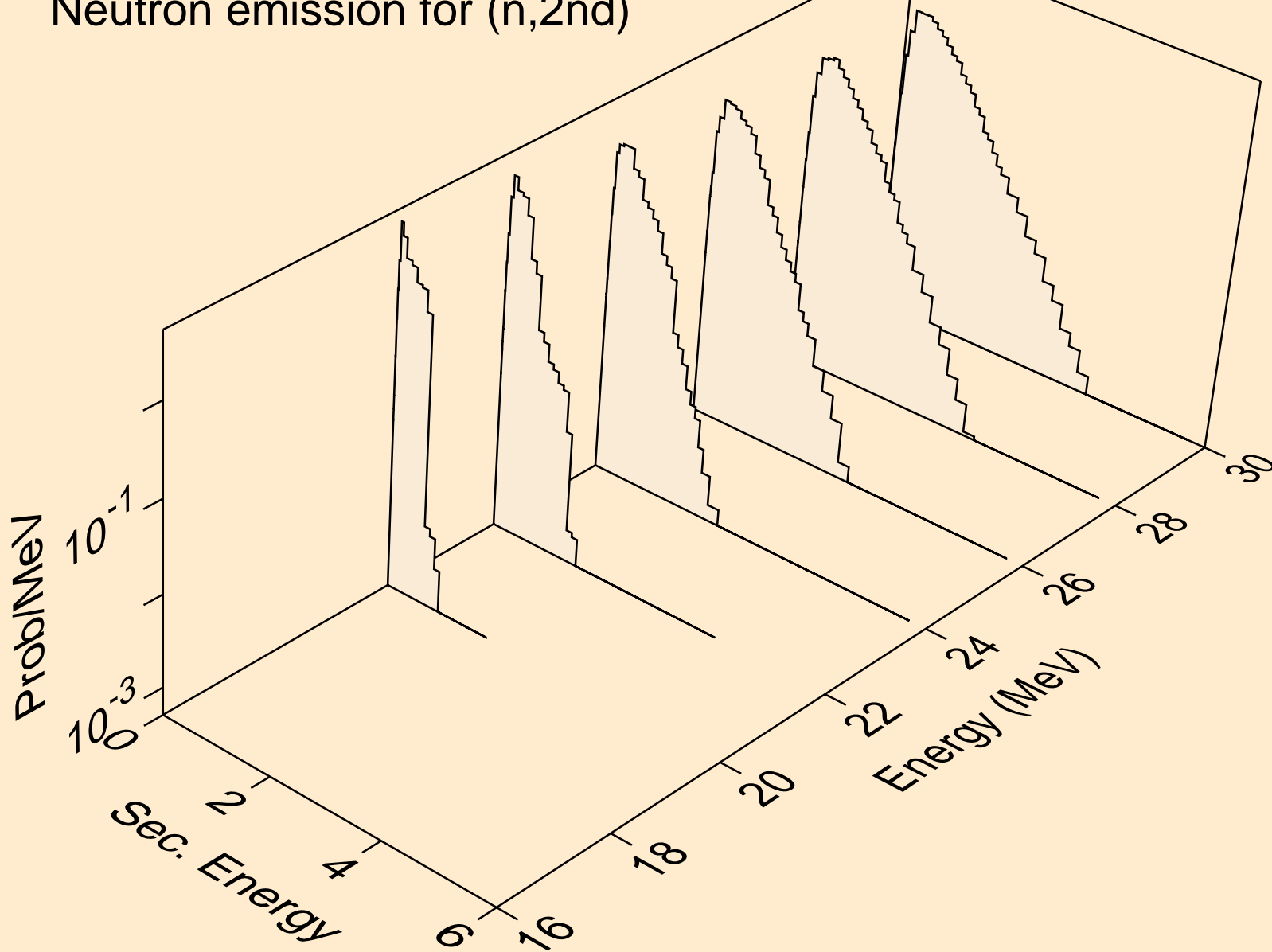
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



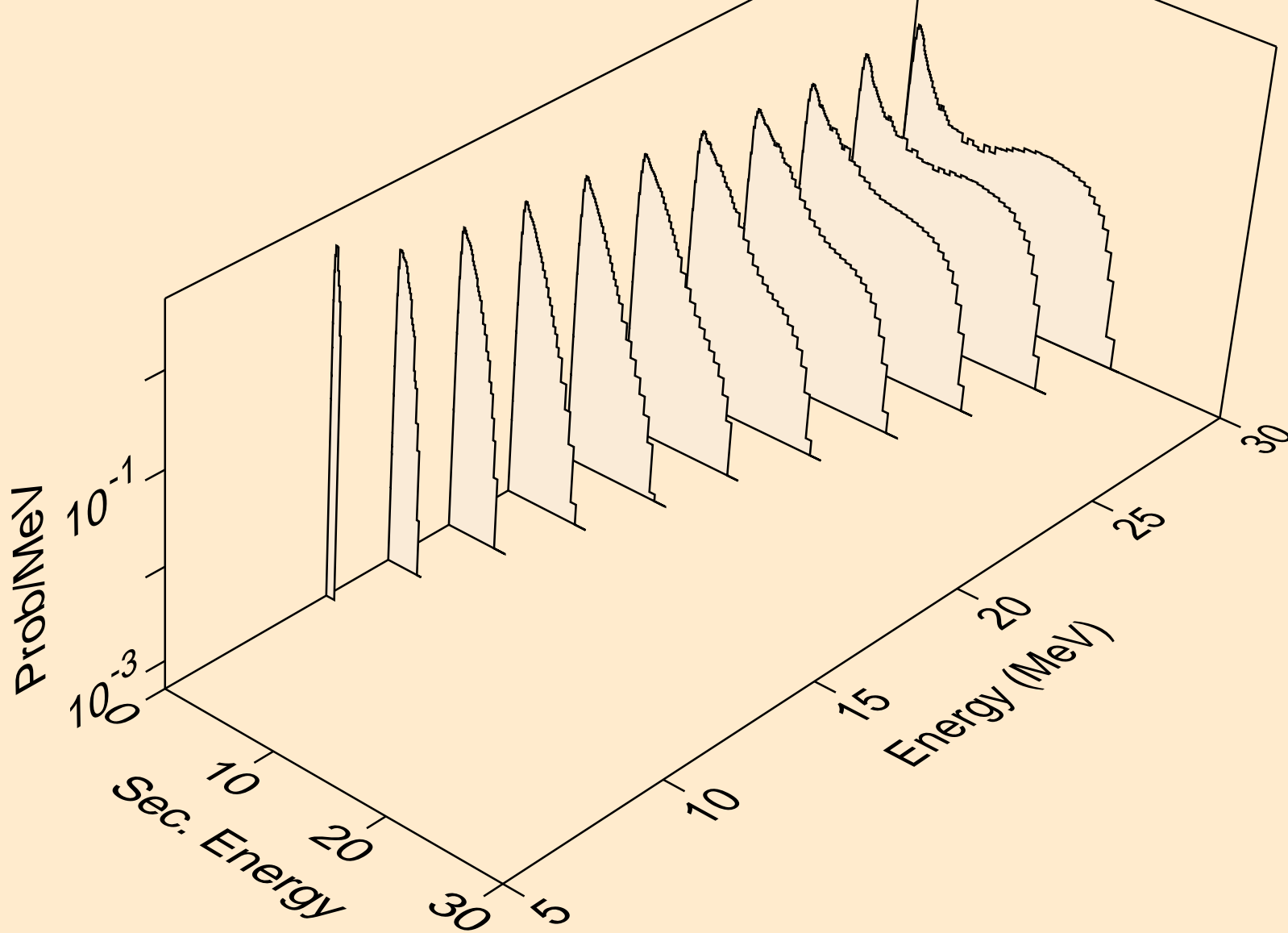
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



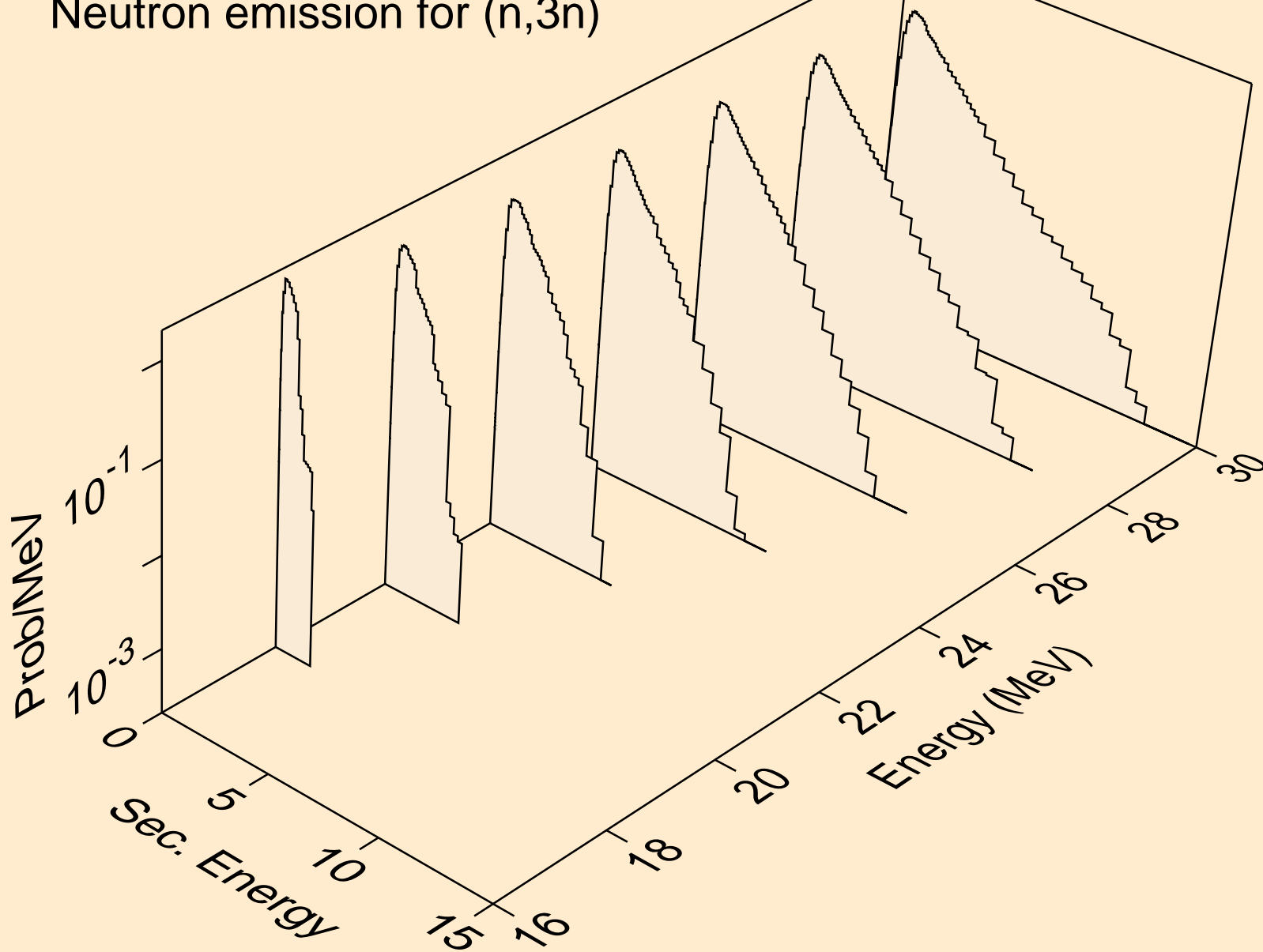
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



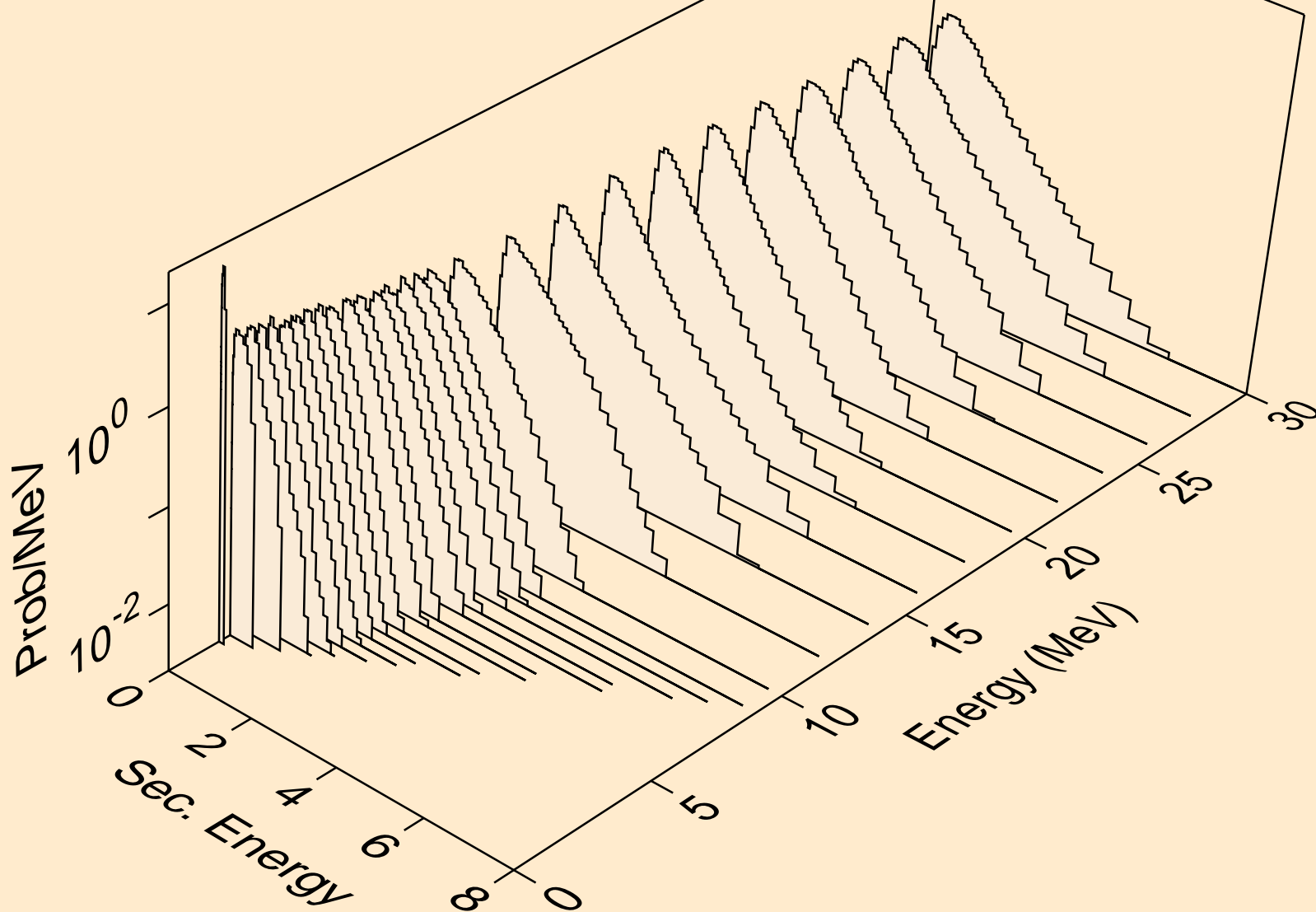
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



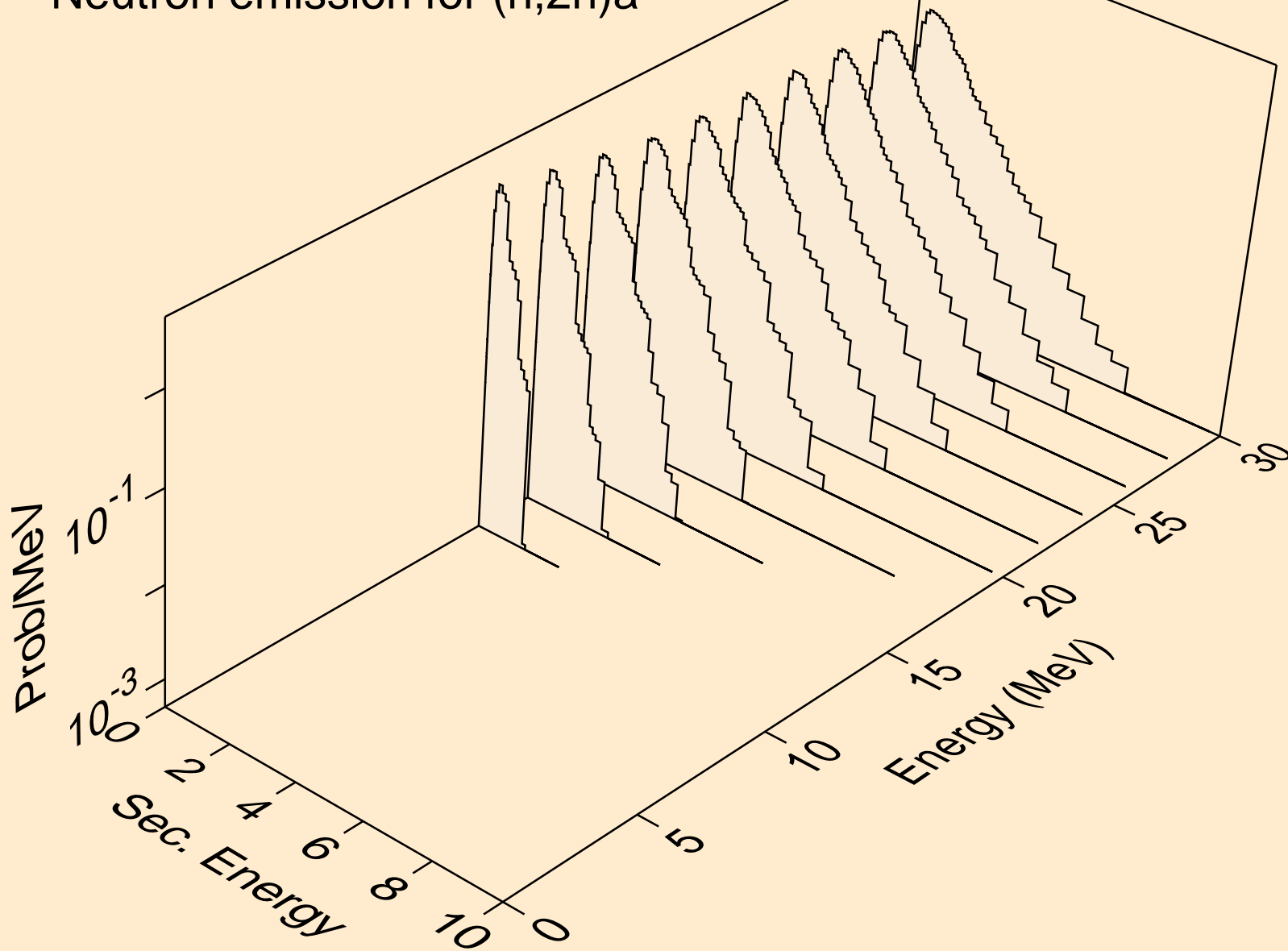
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



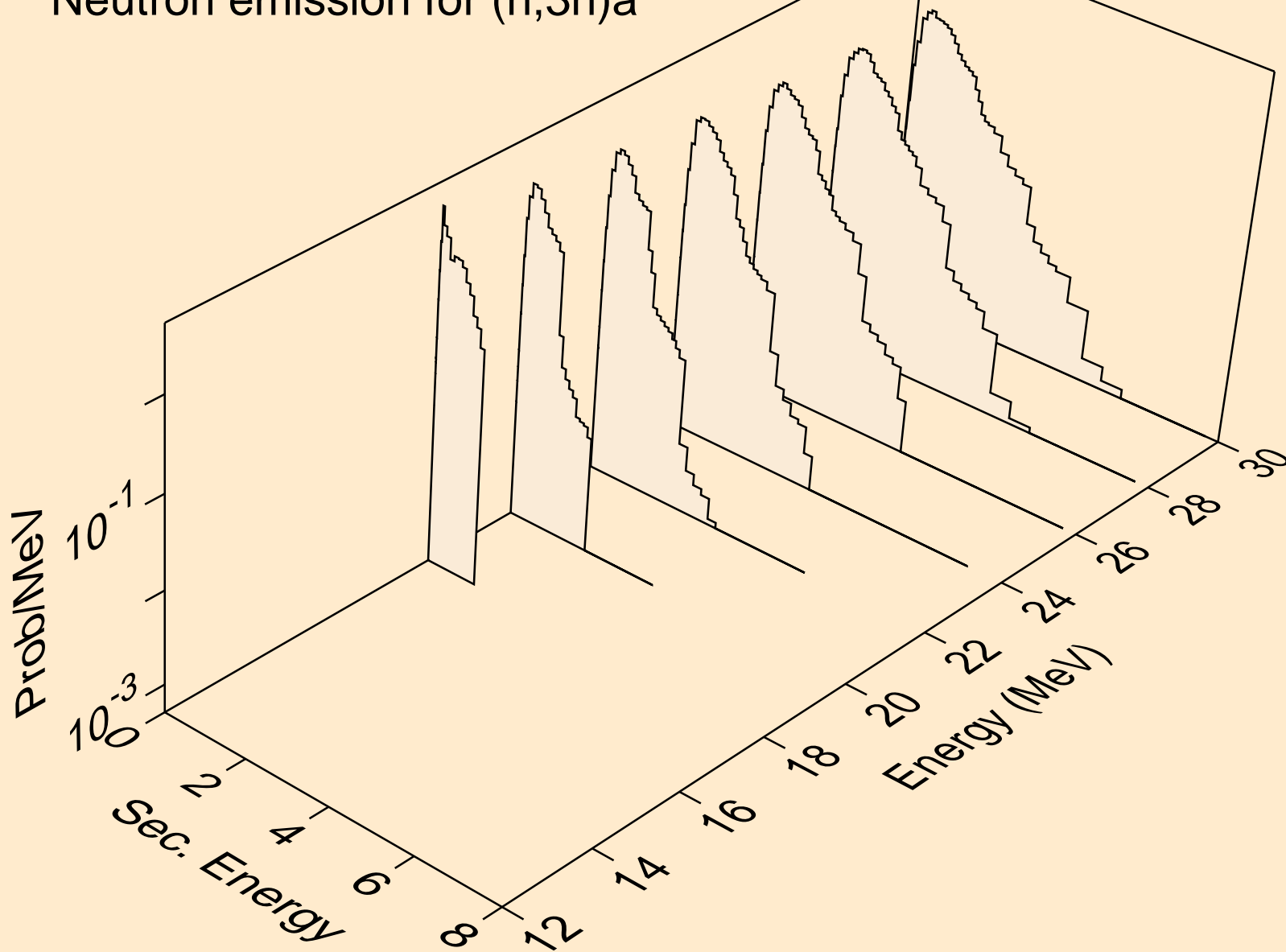
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



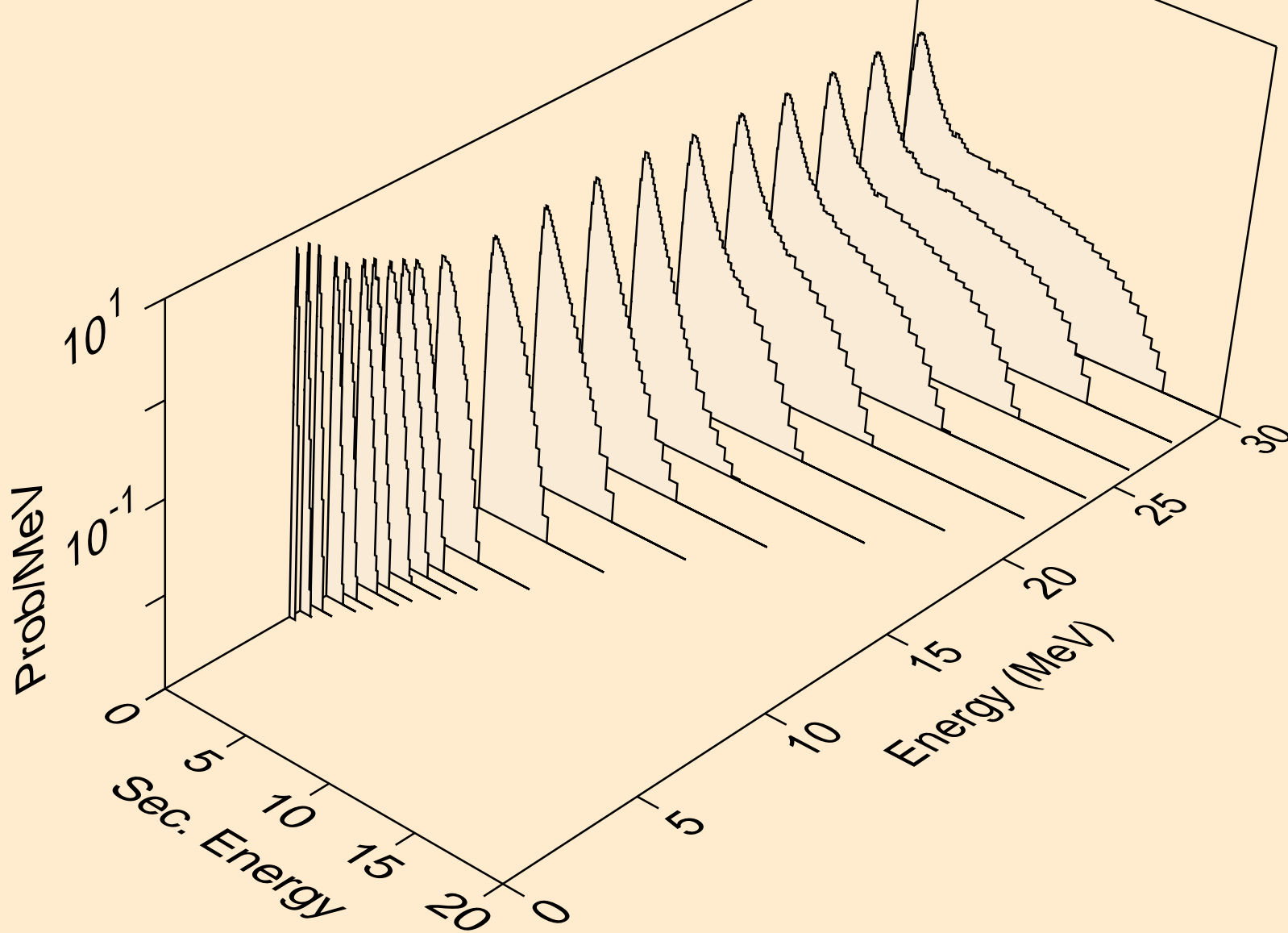
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



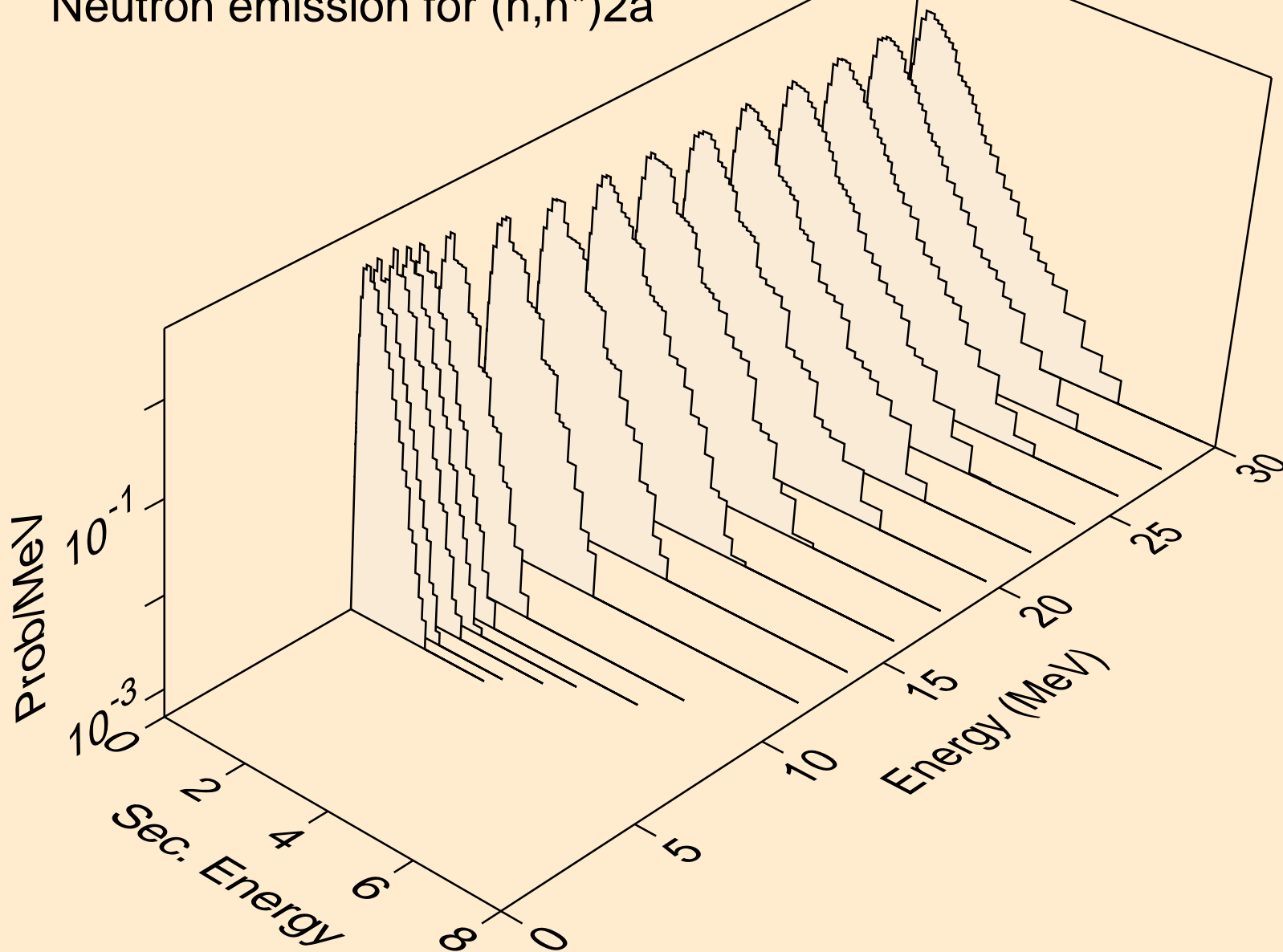
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



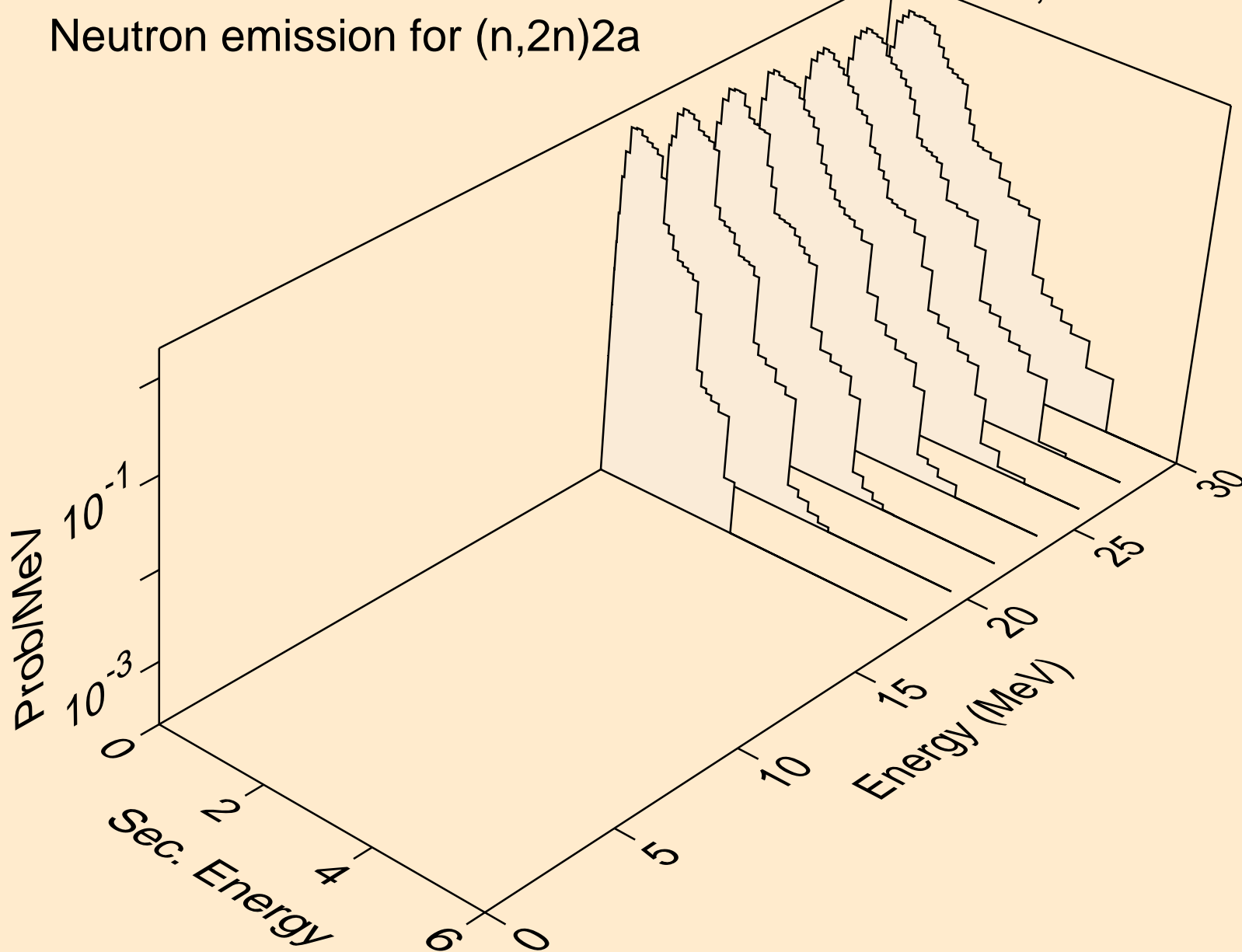
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



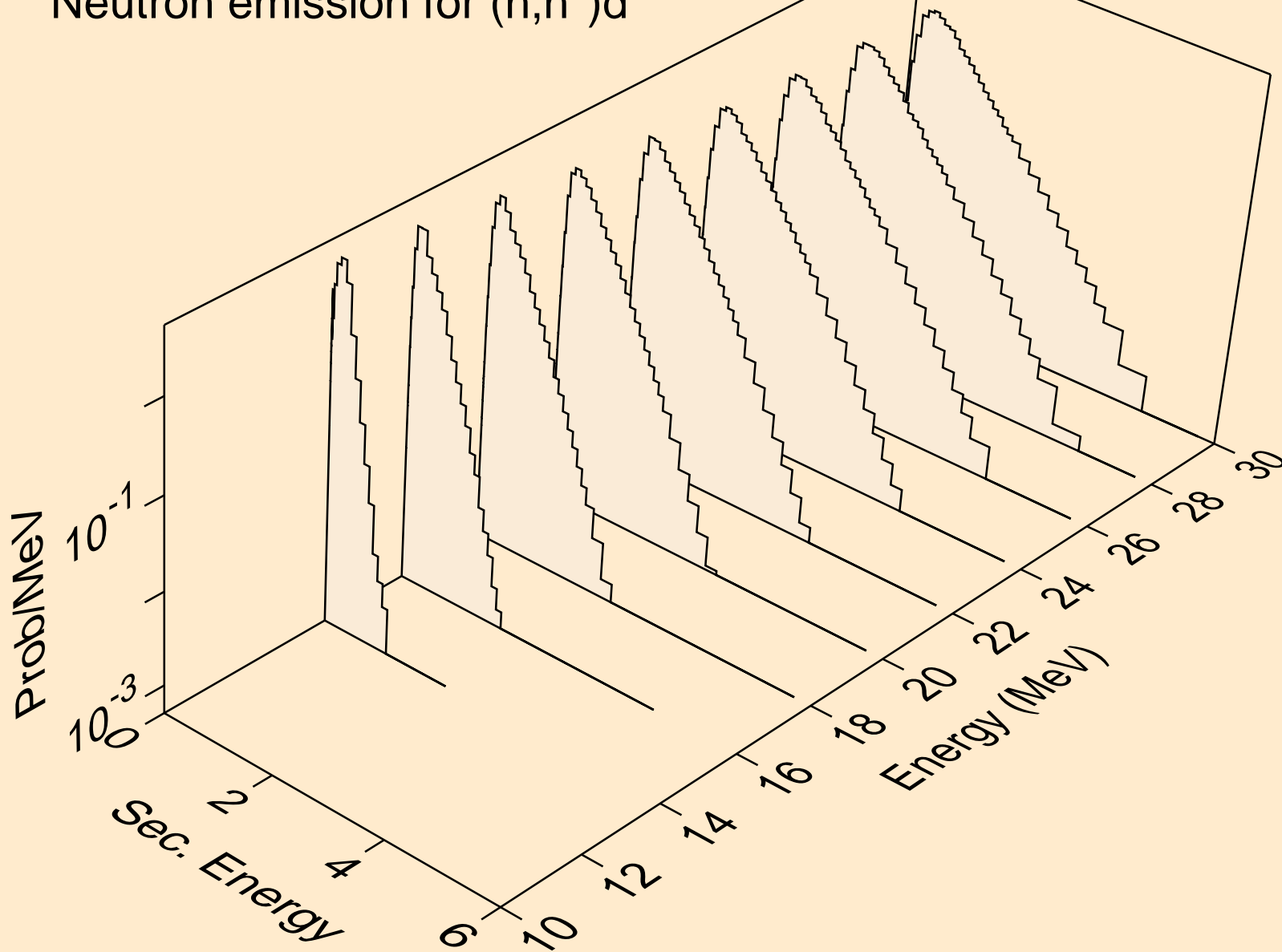
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



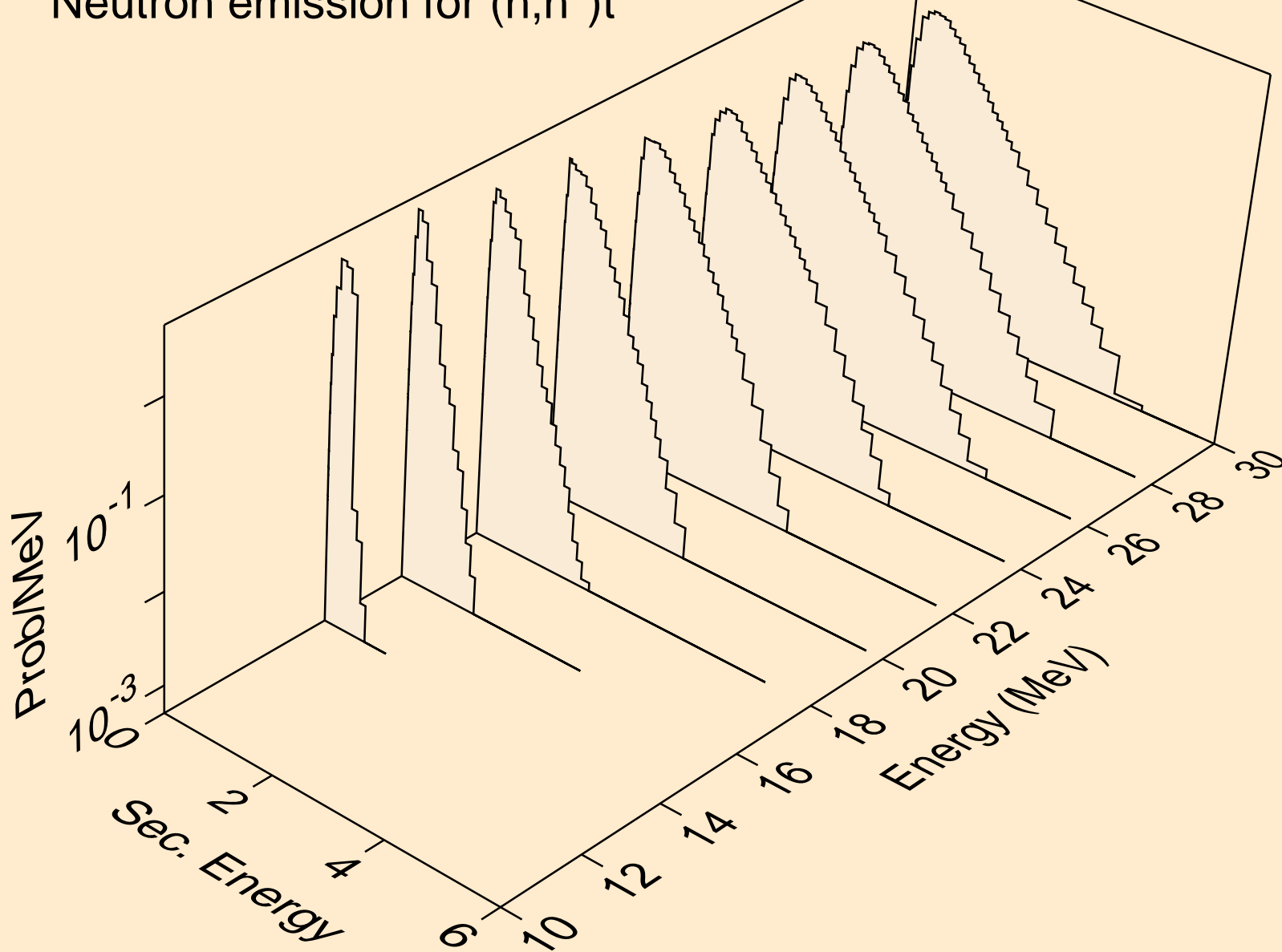
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



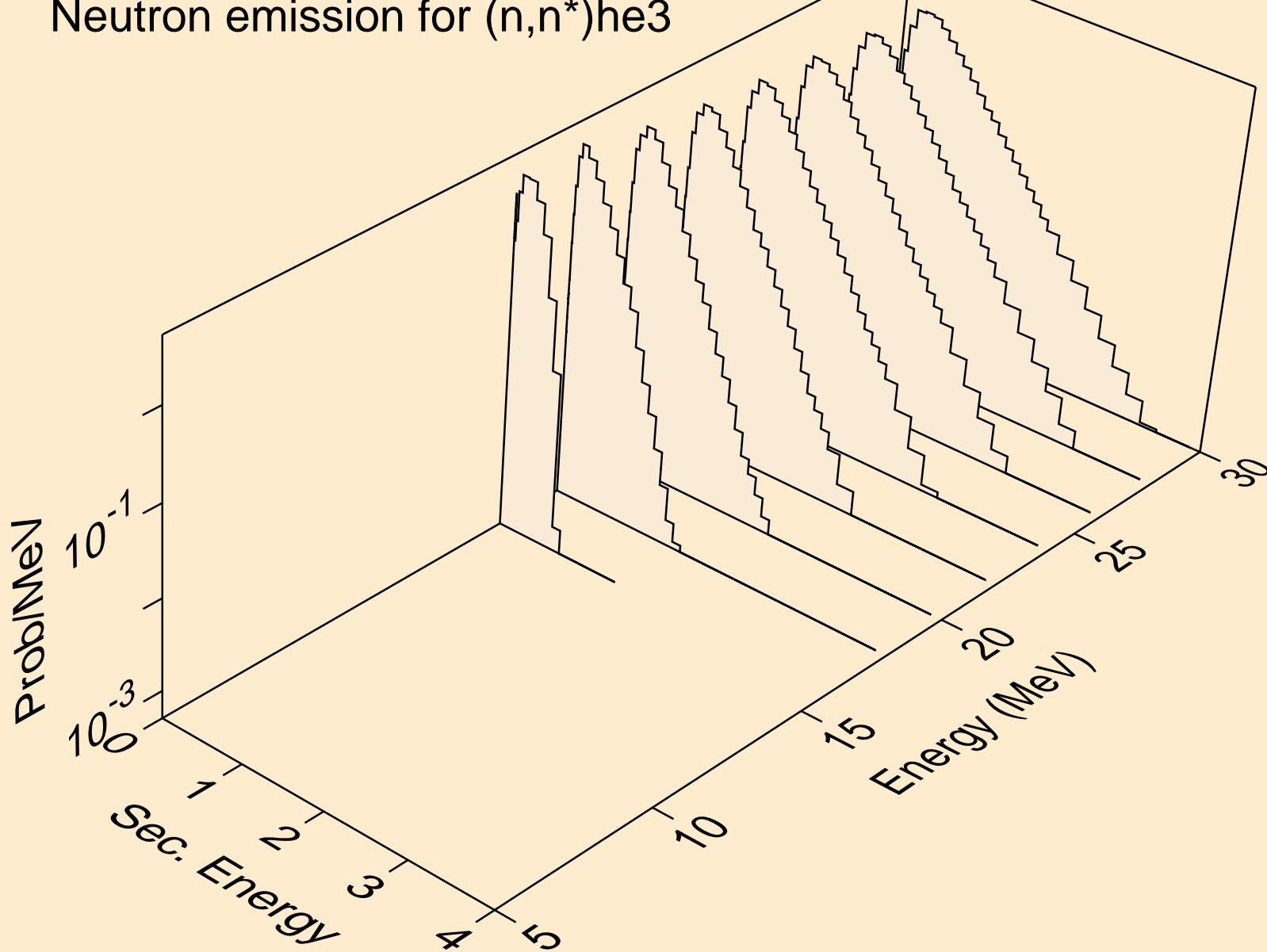
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



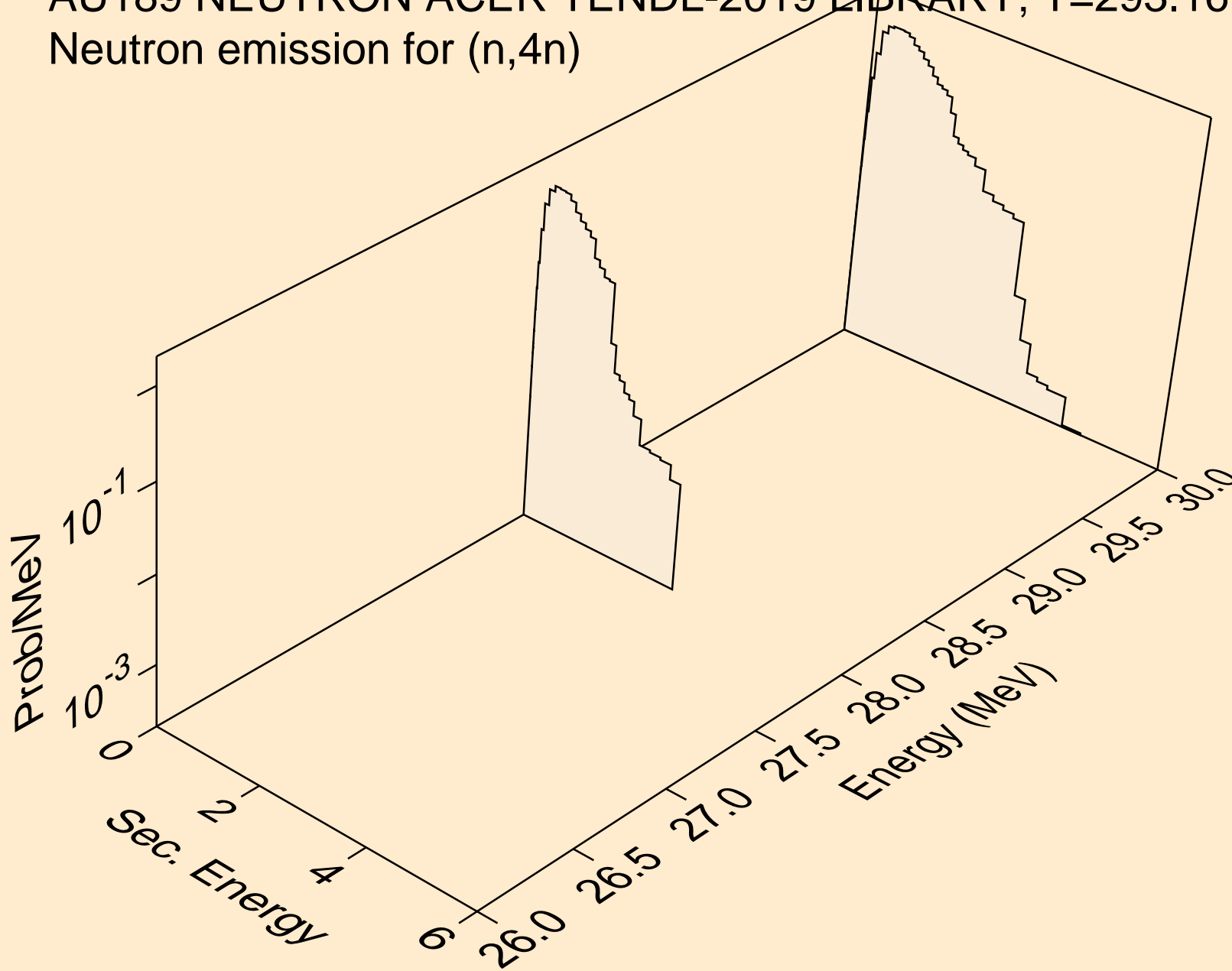
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



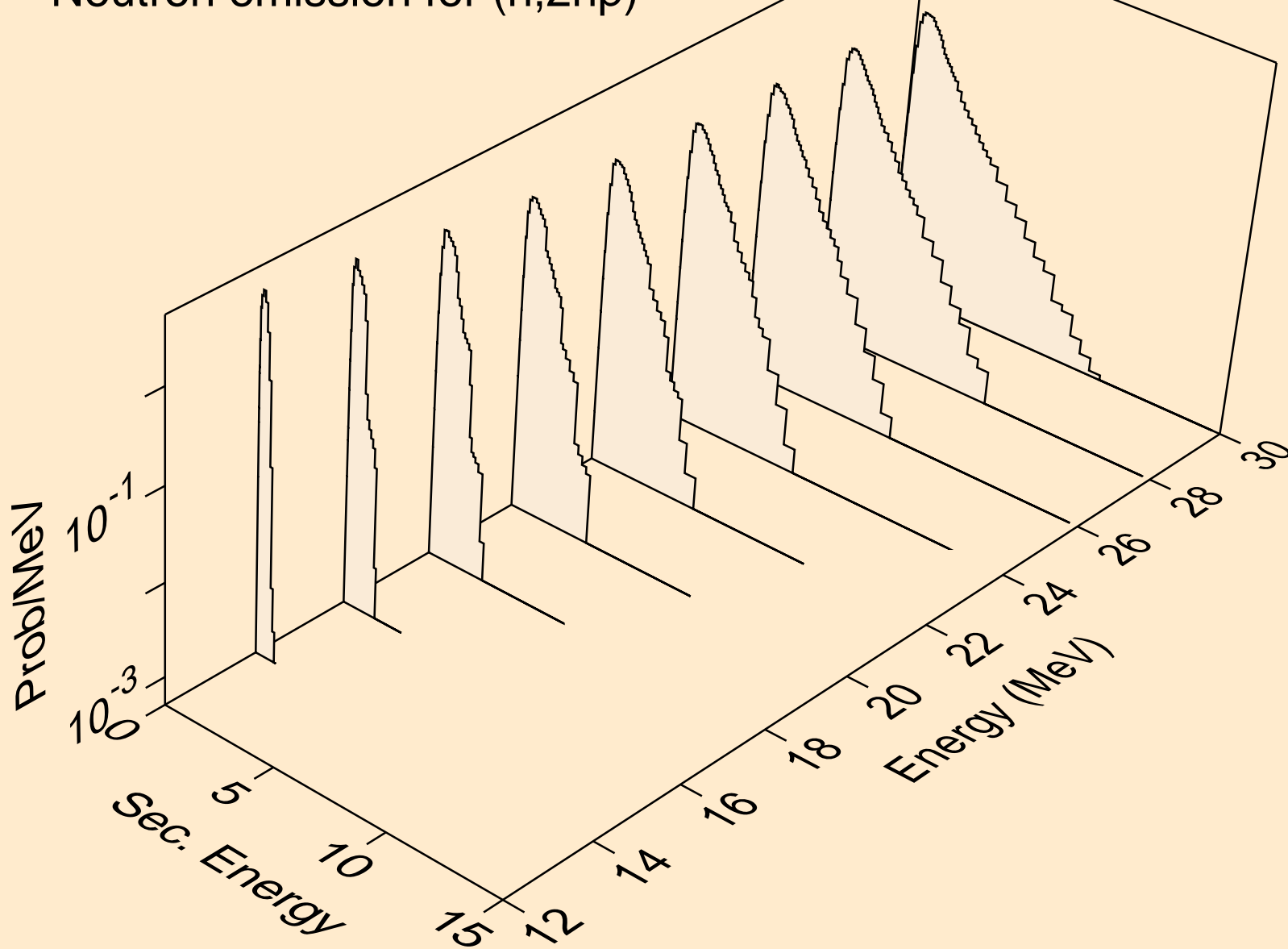
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



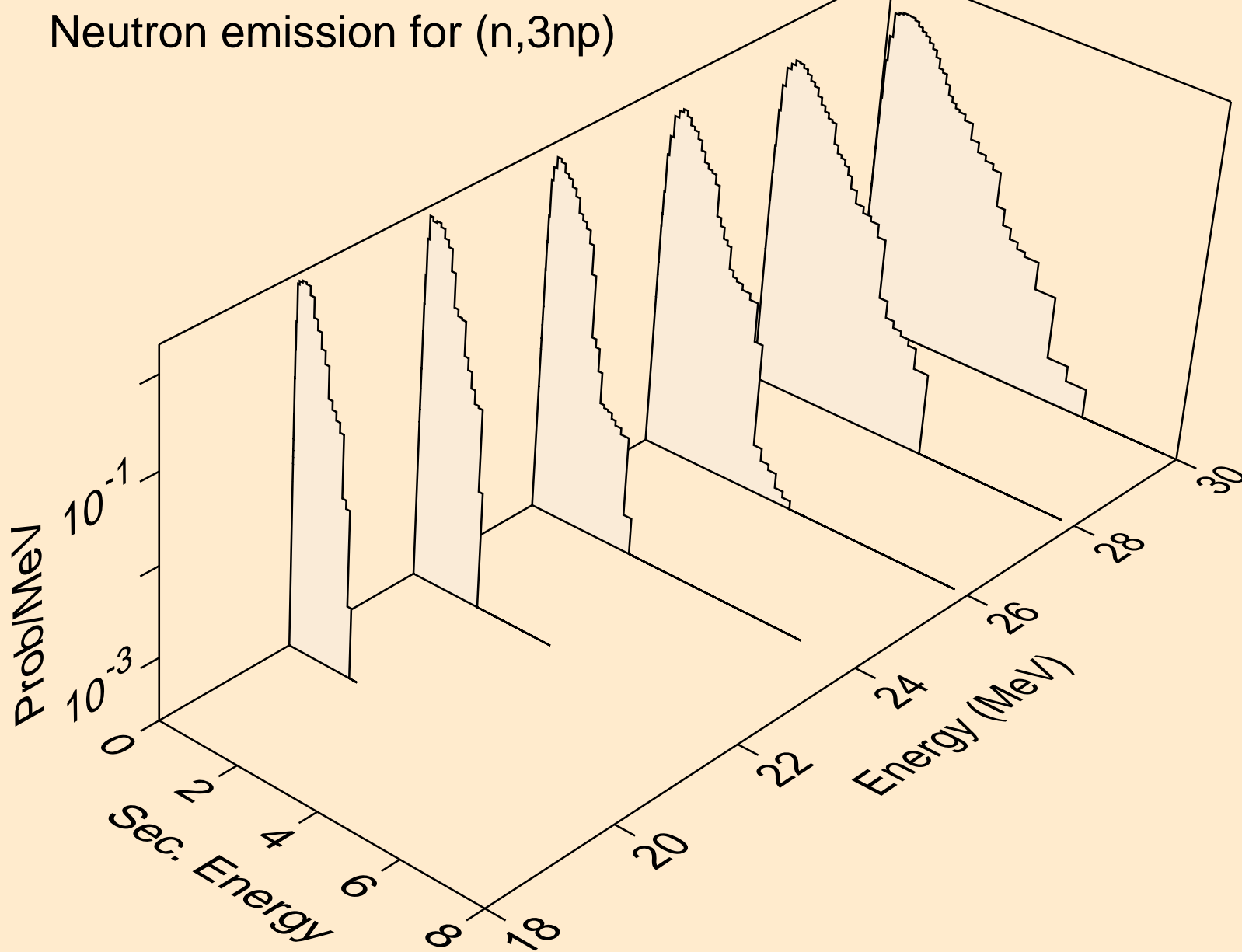
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



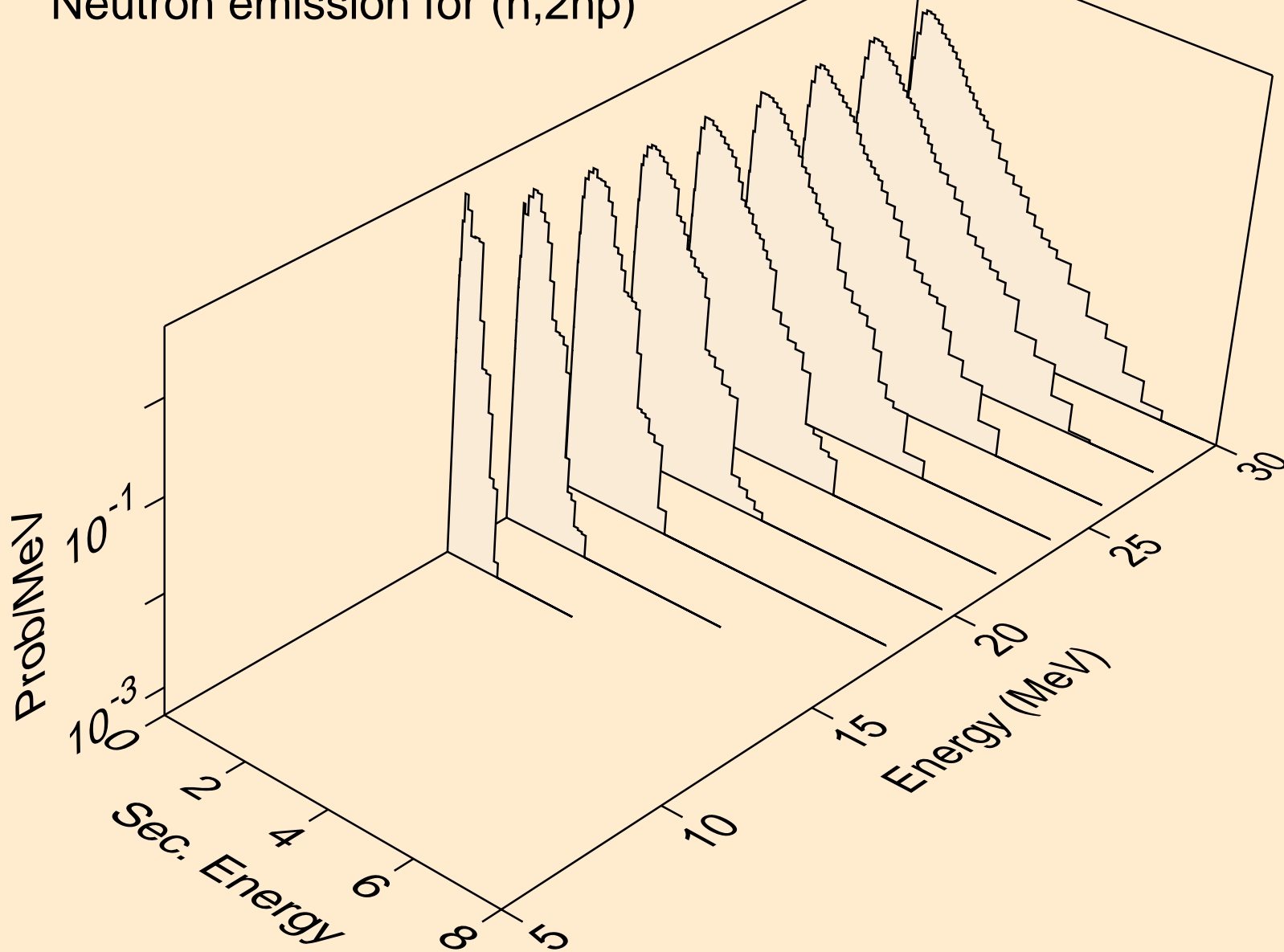
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



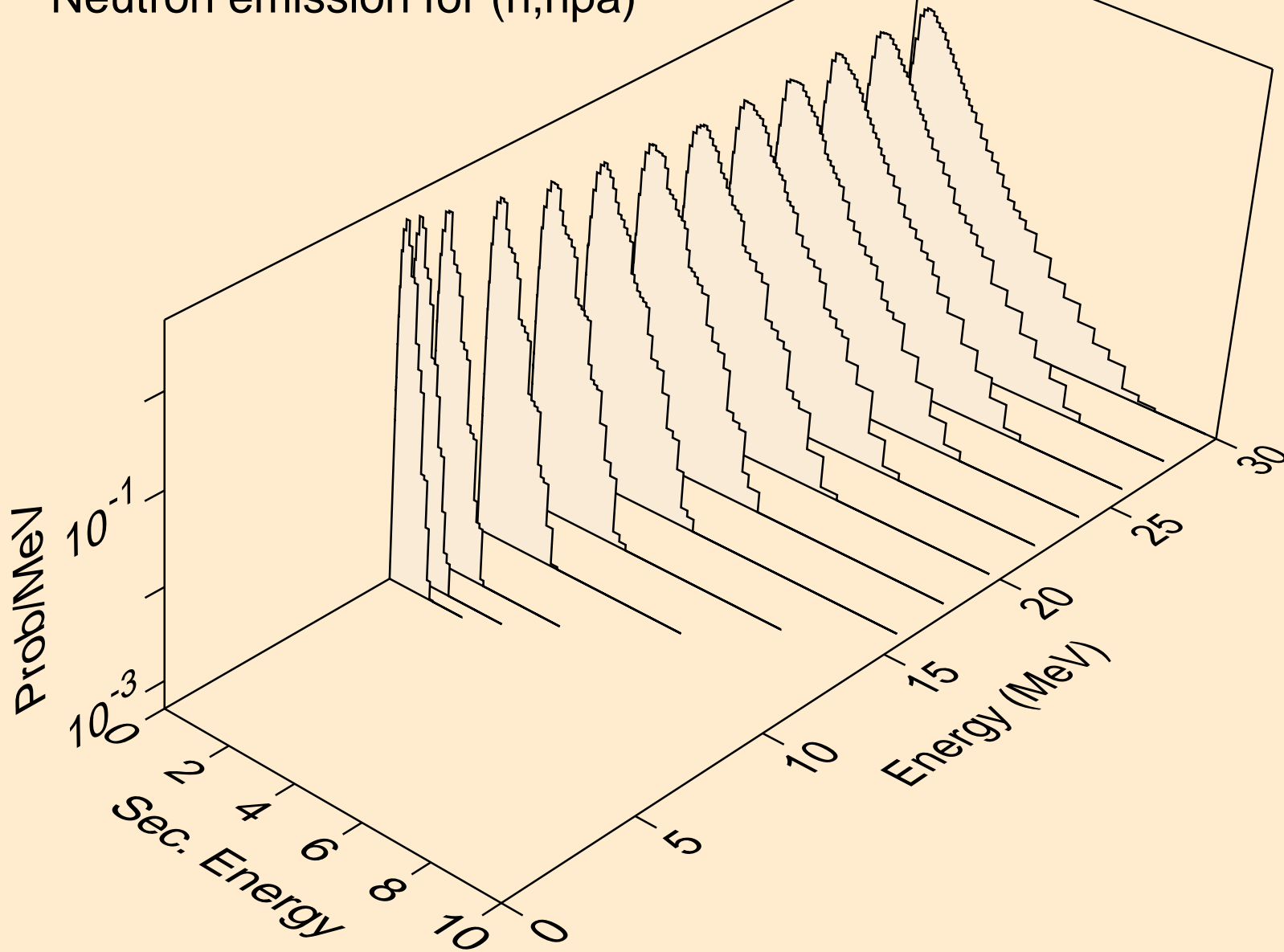
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



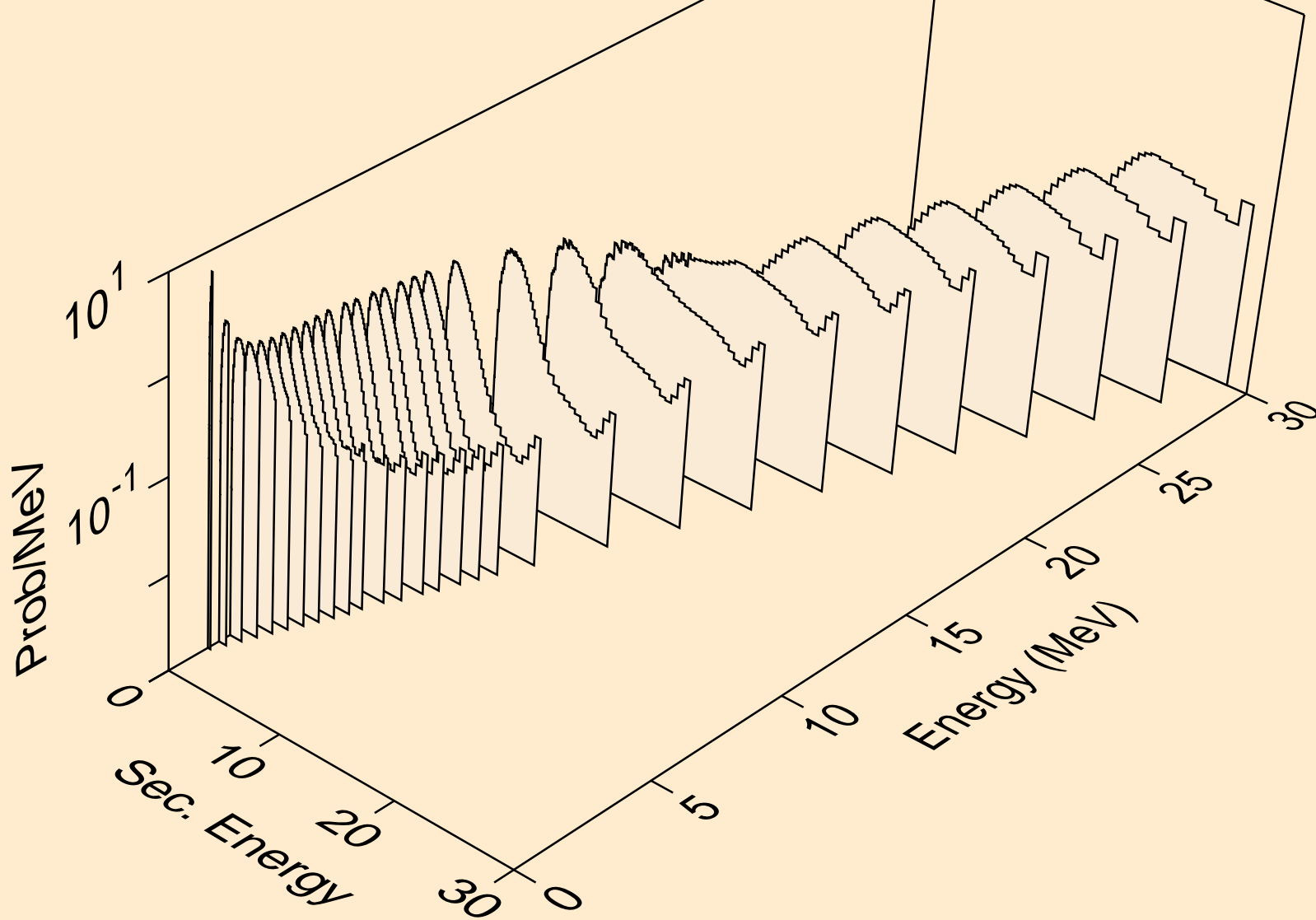
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



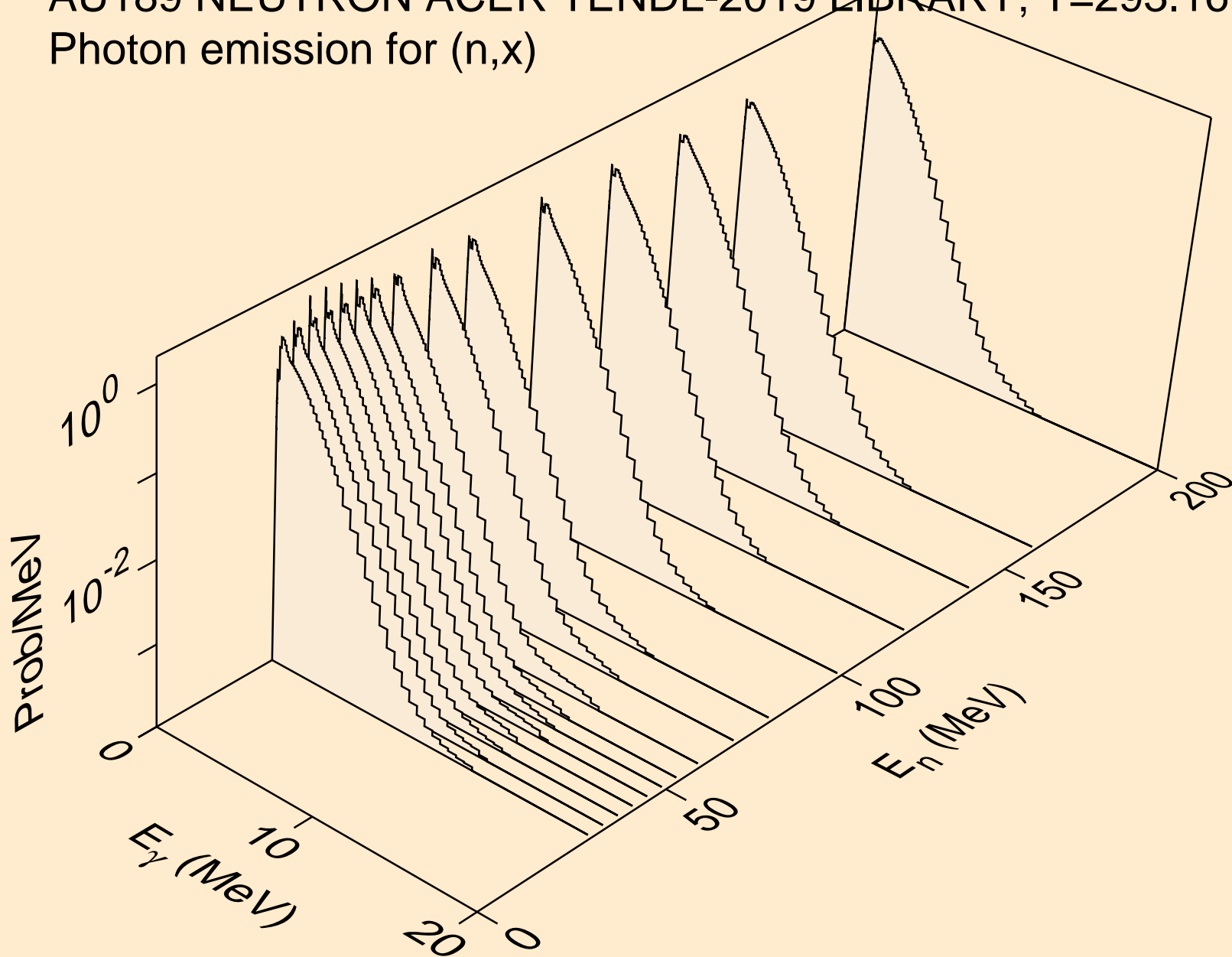
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



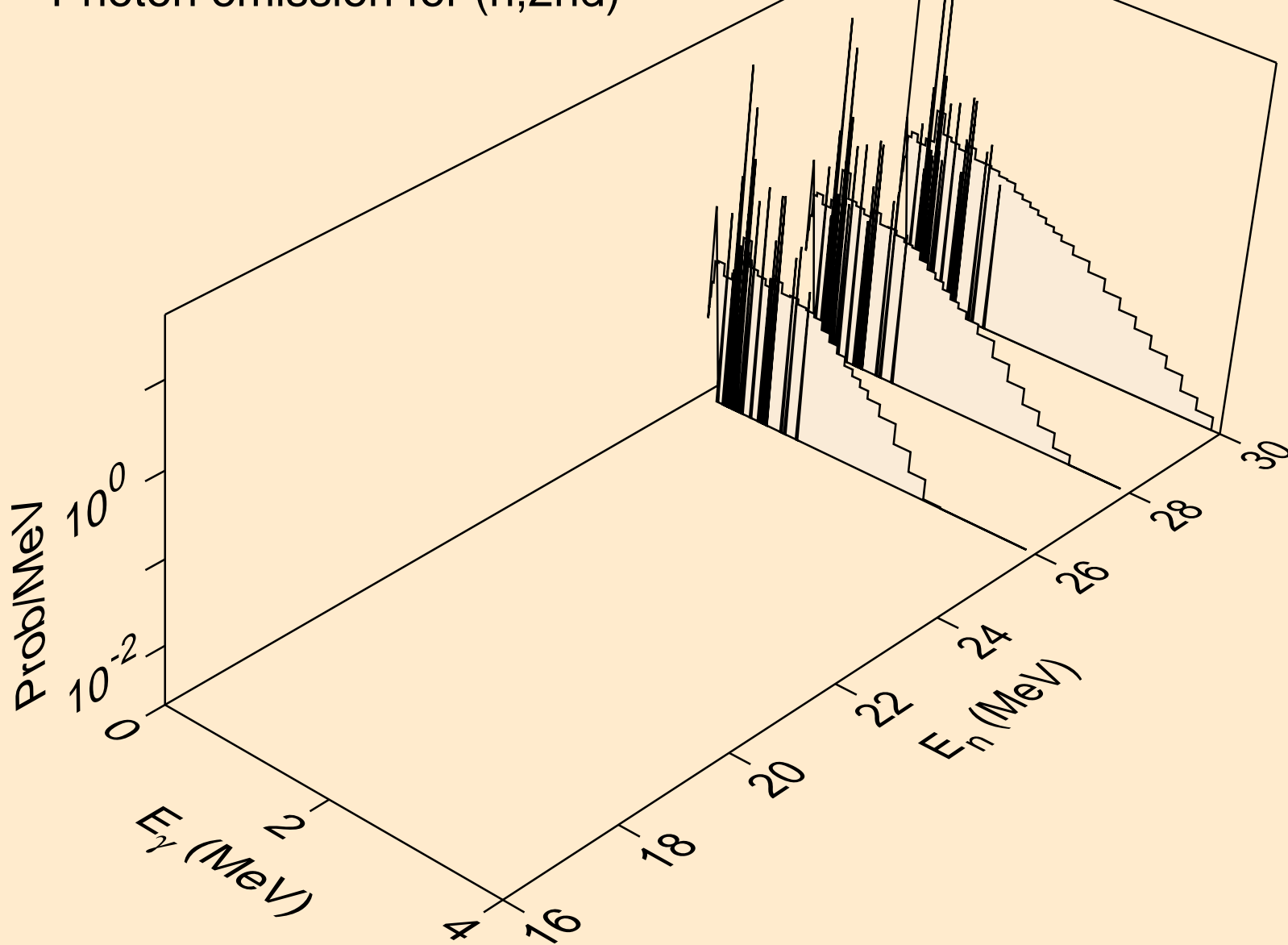
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



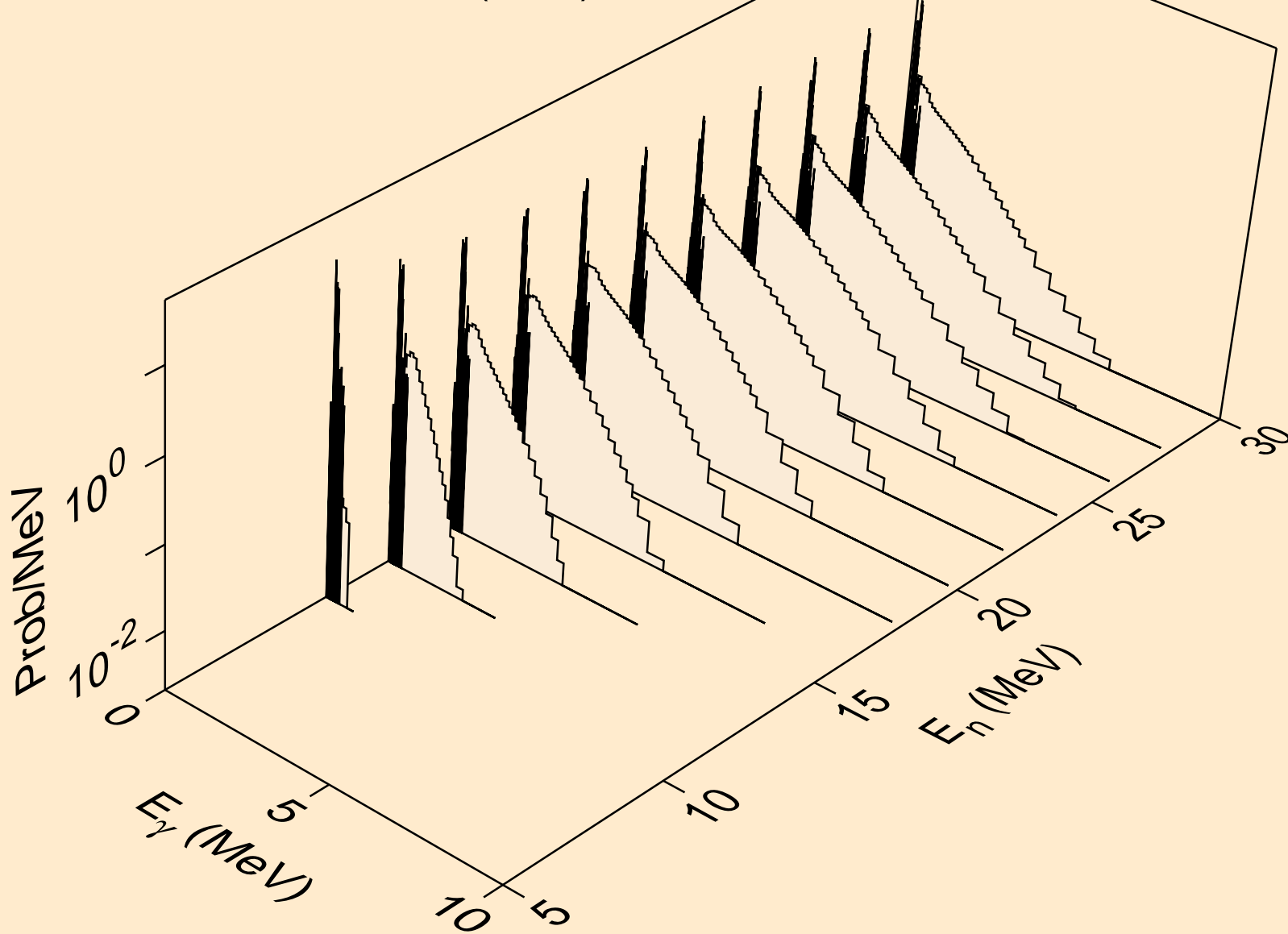
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



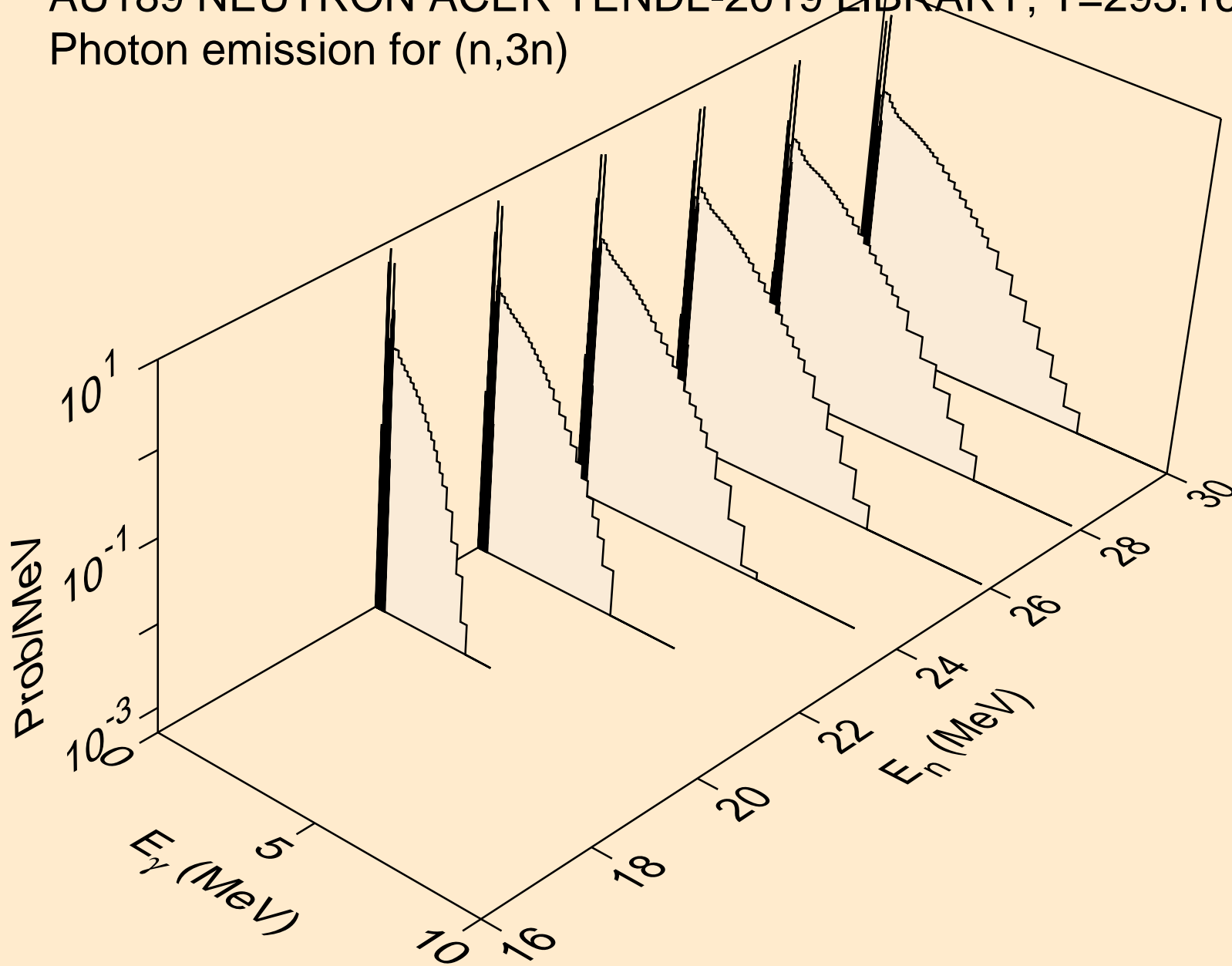
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



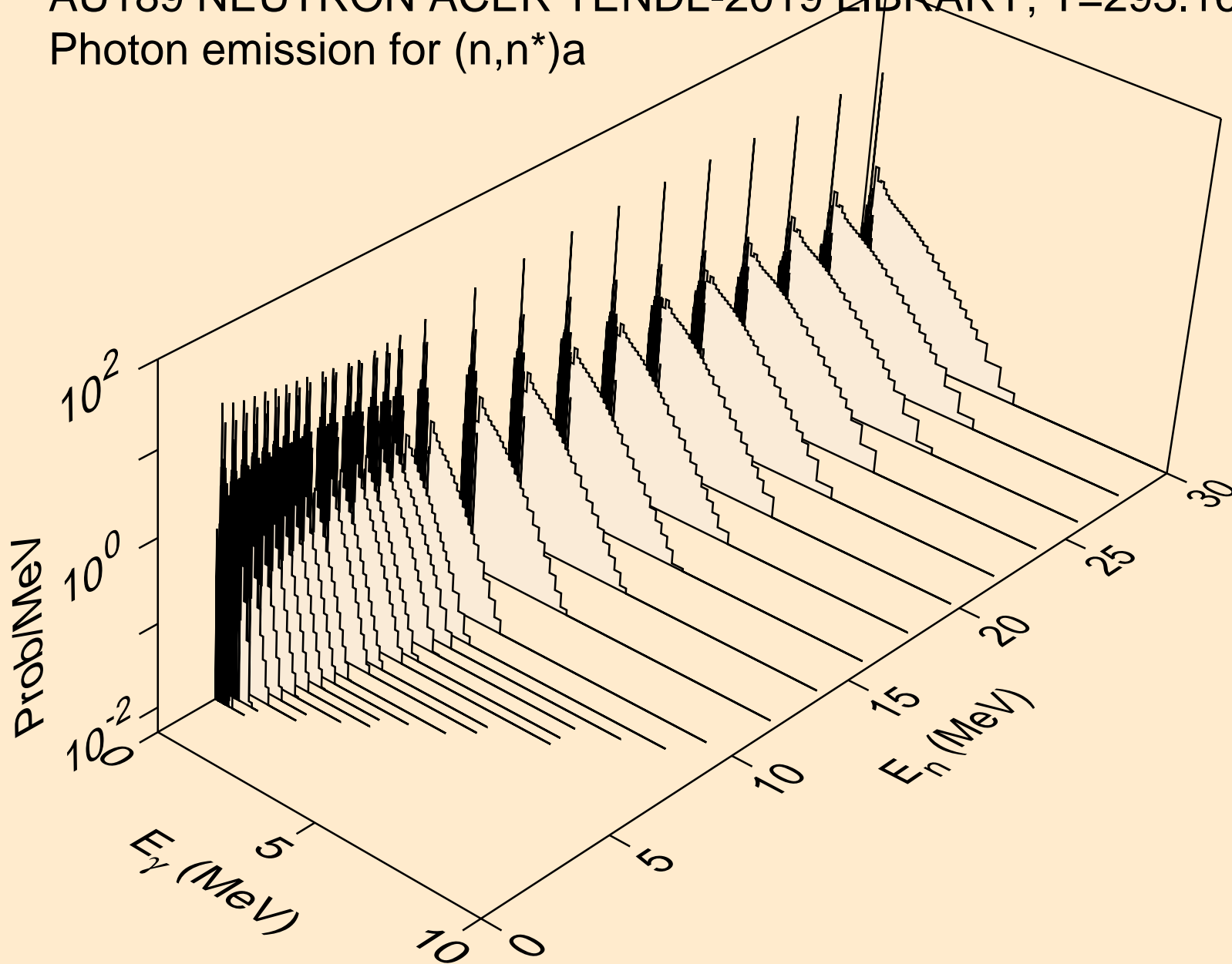
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



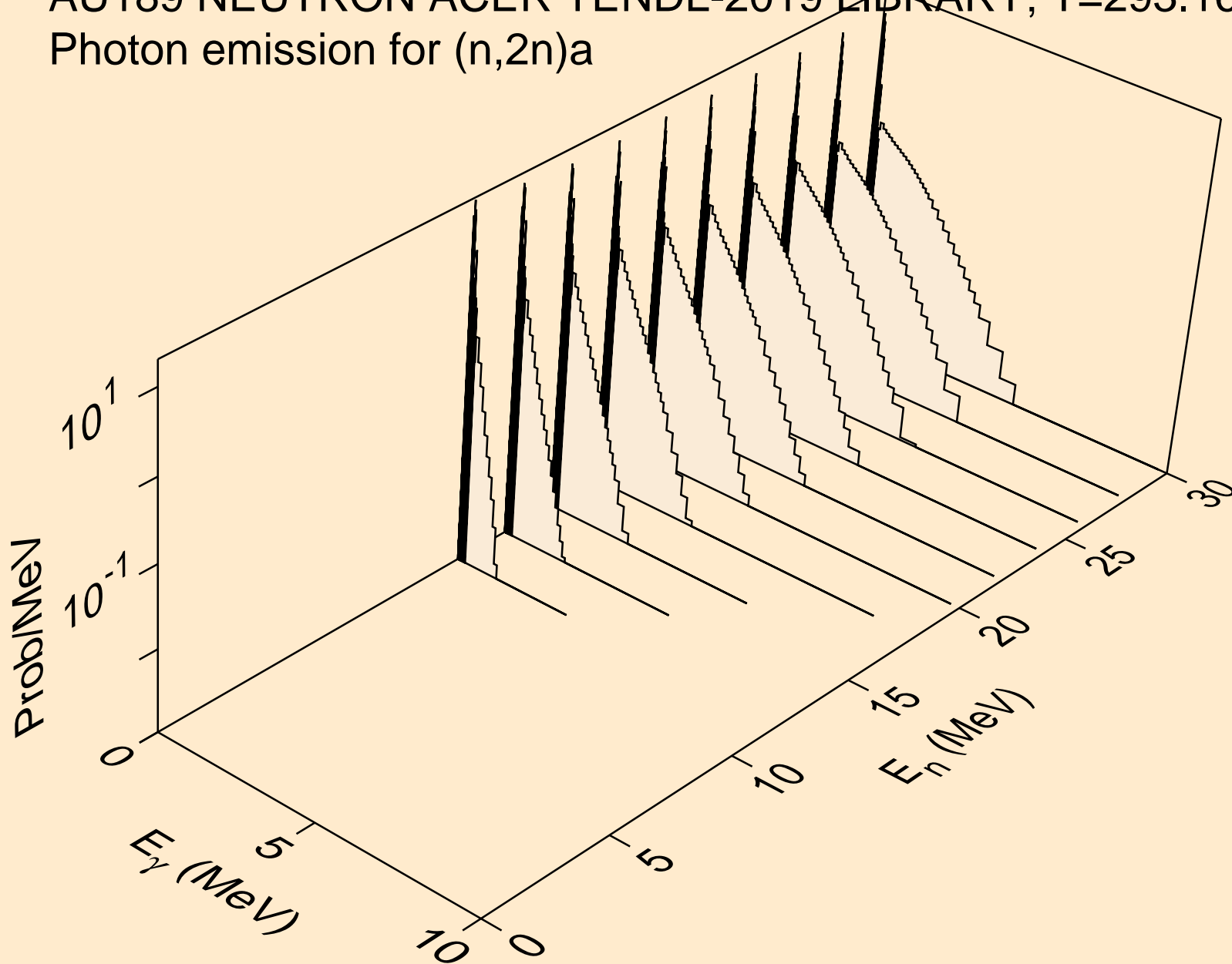
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



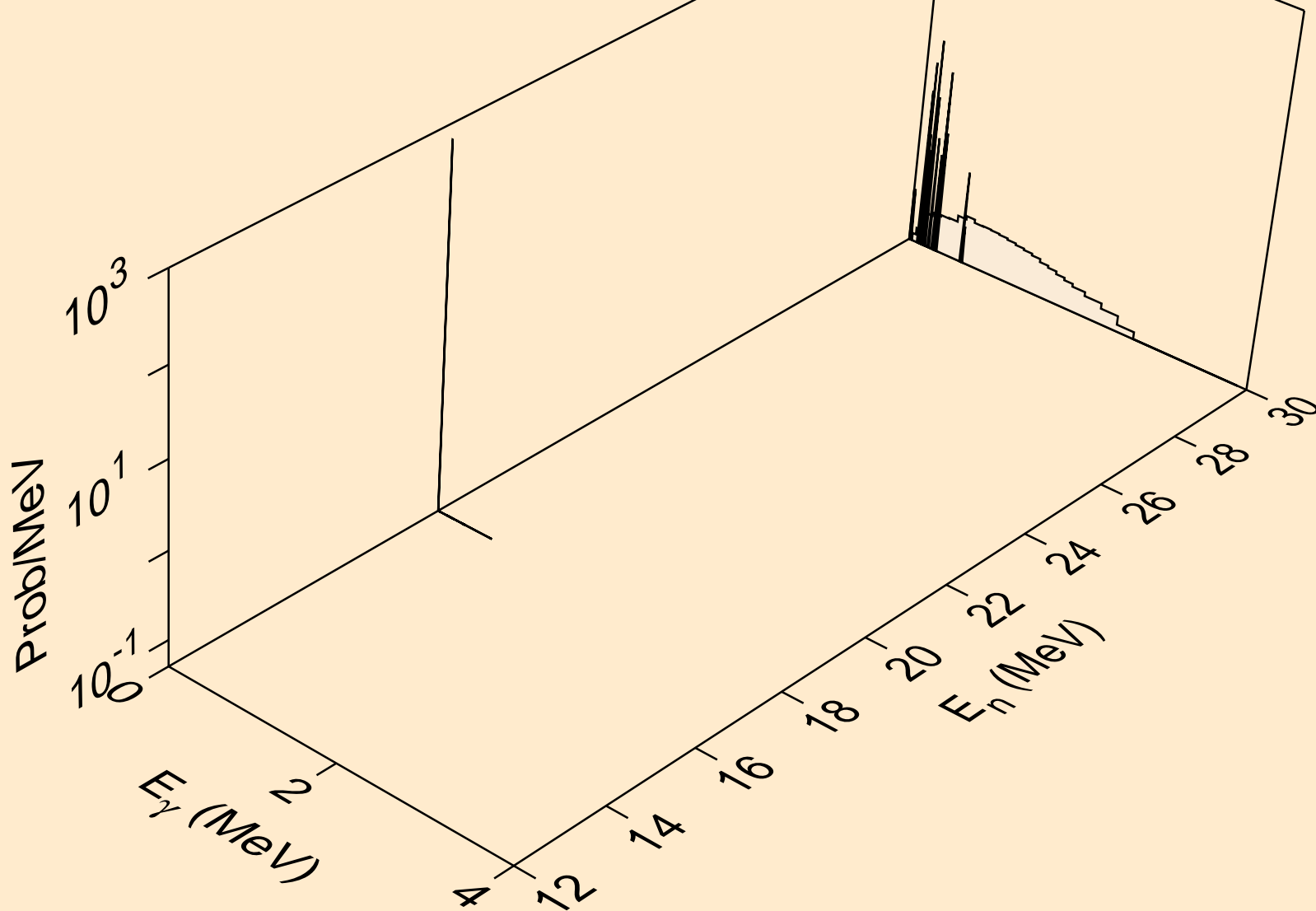
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



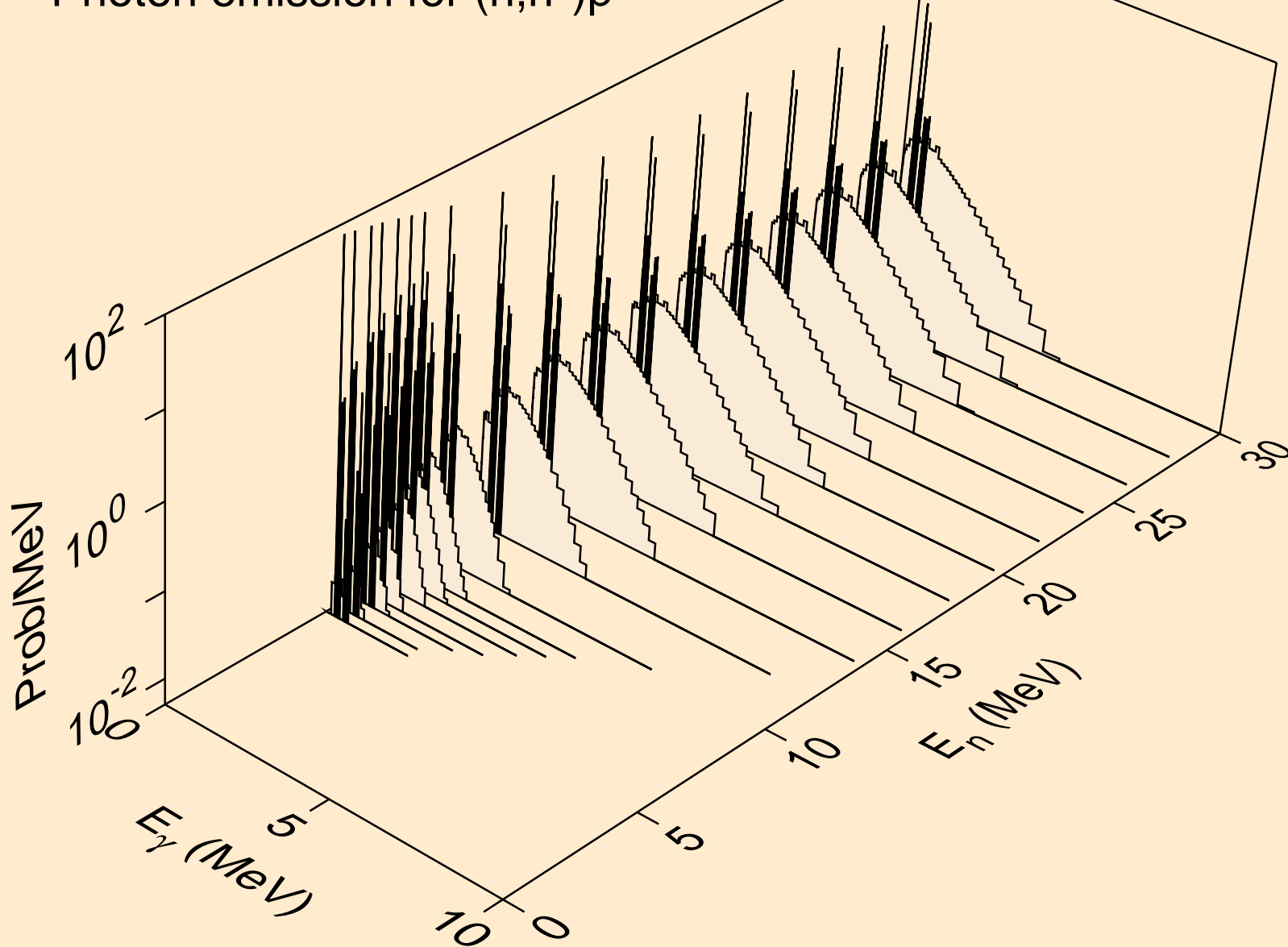
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n) α



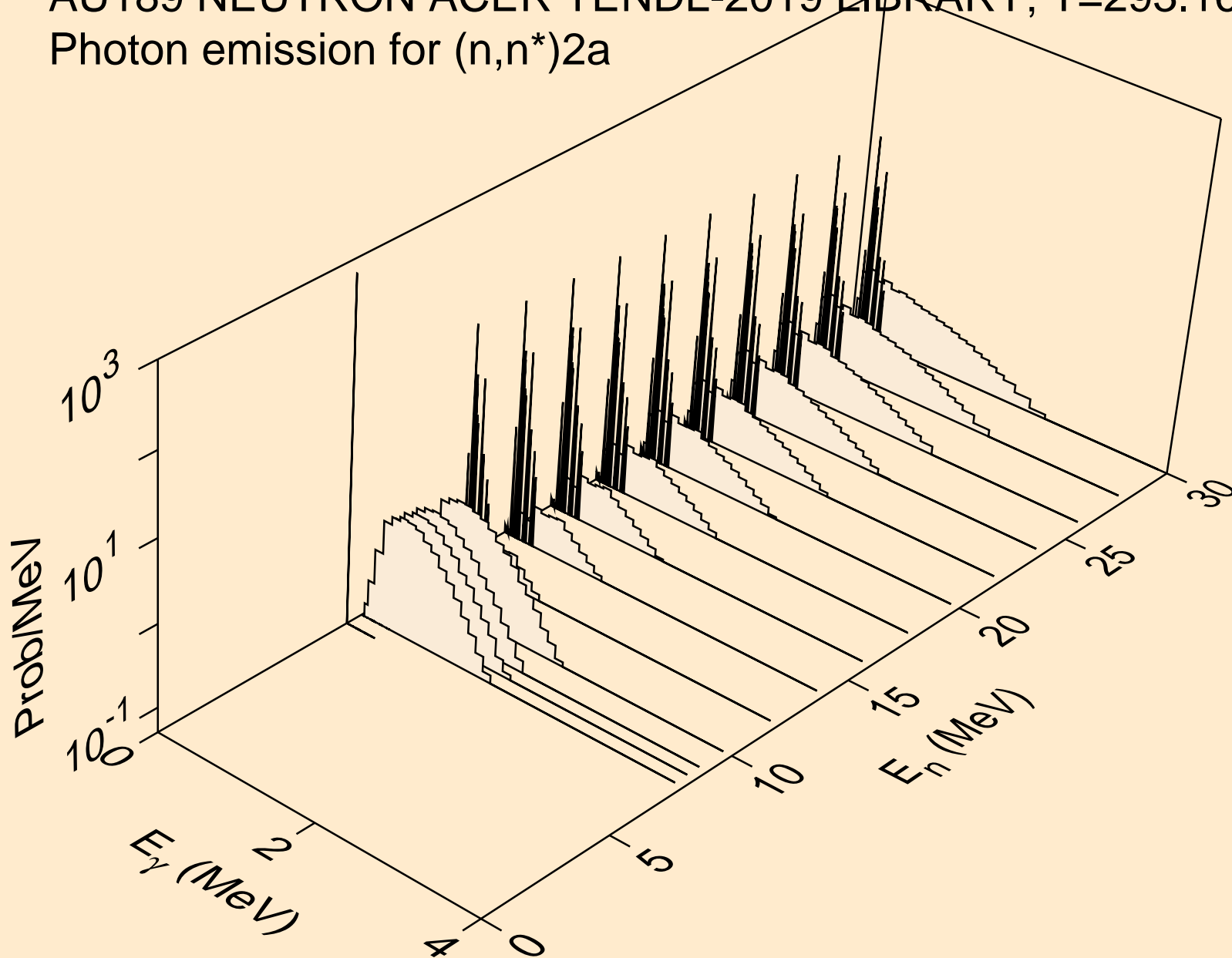
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



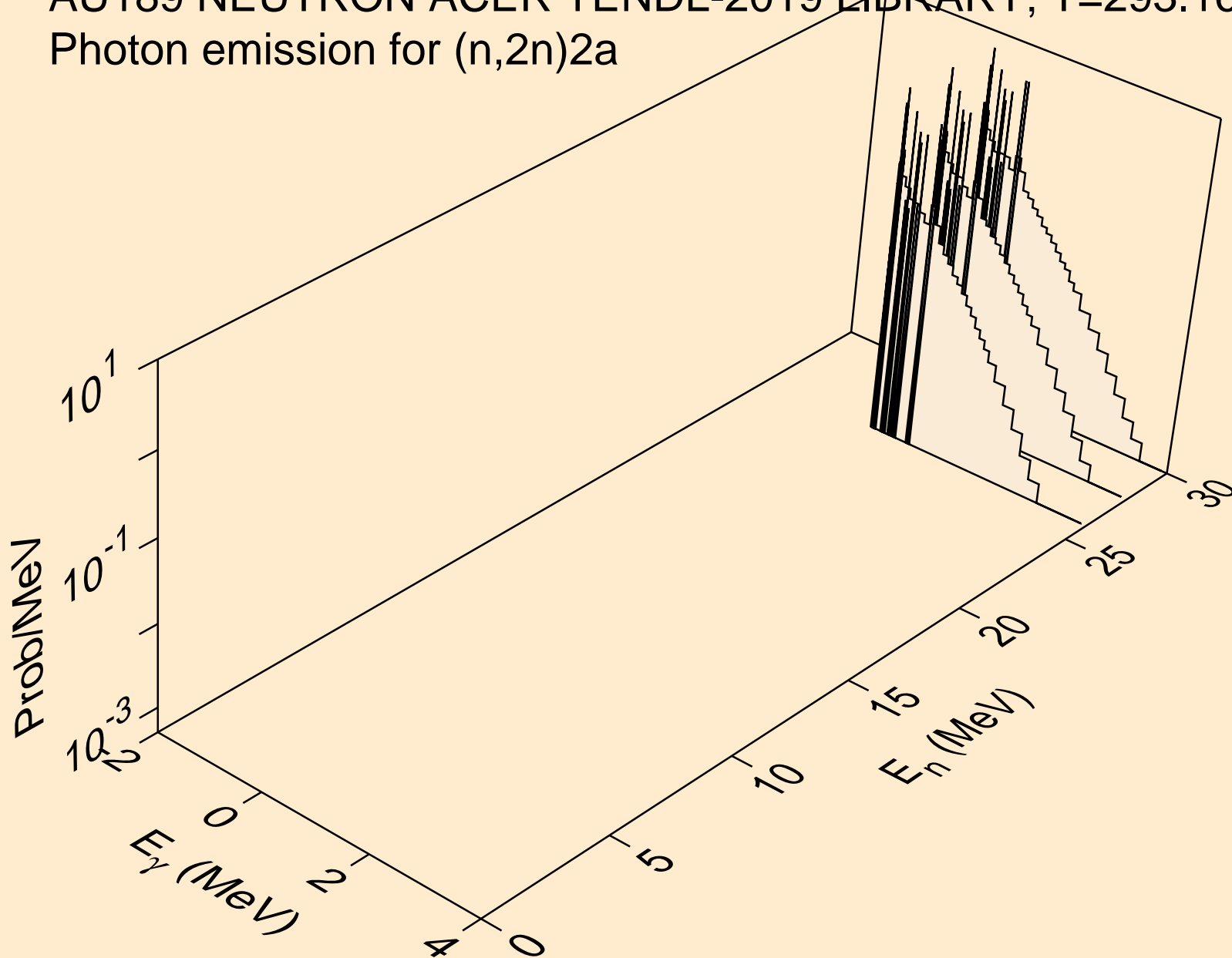
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



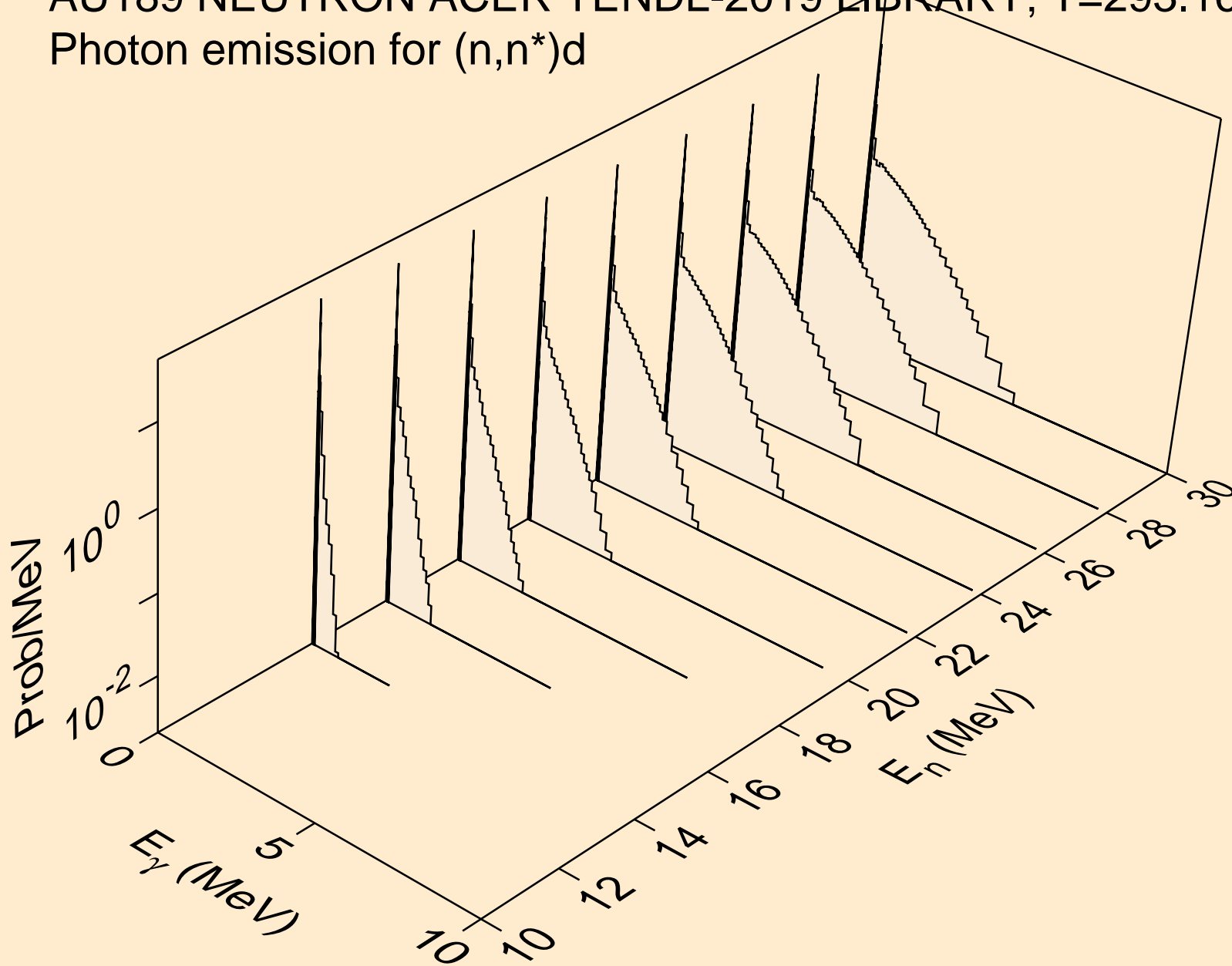
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



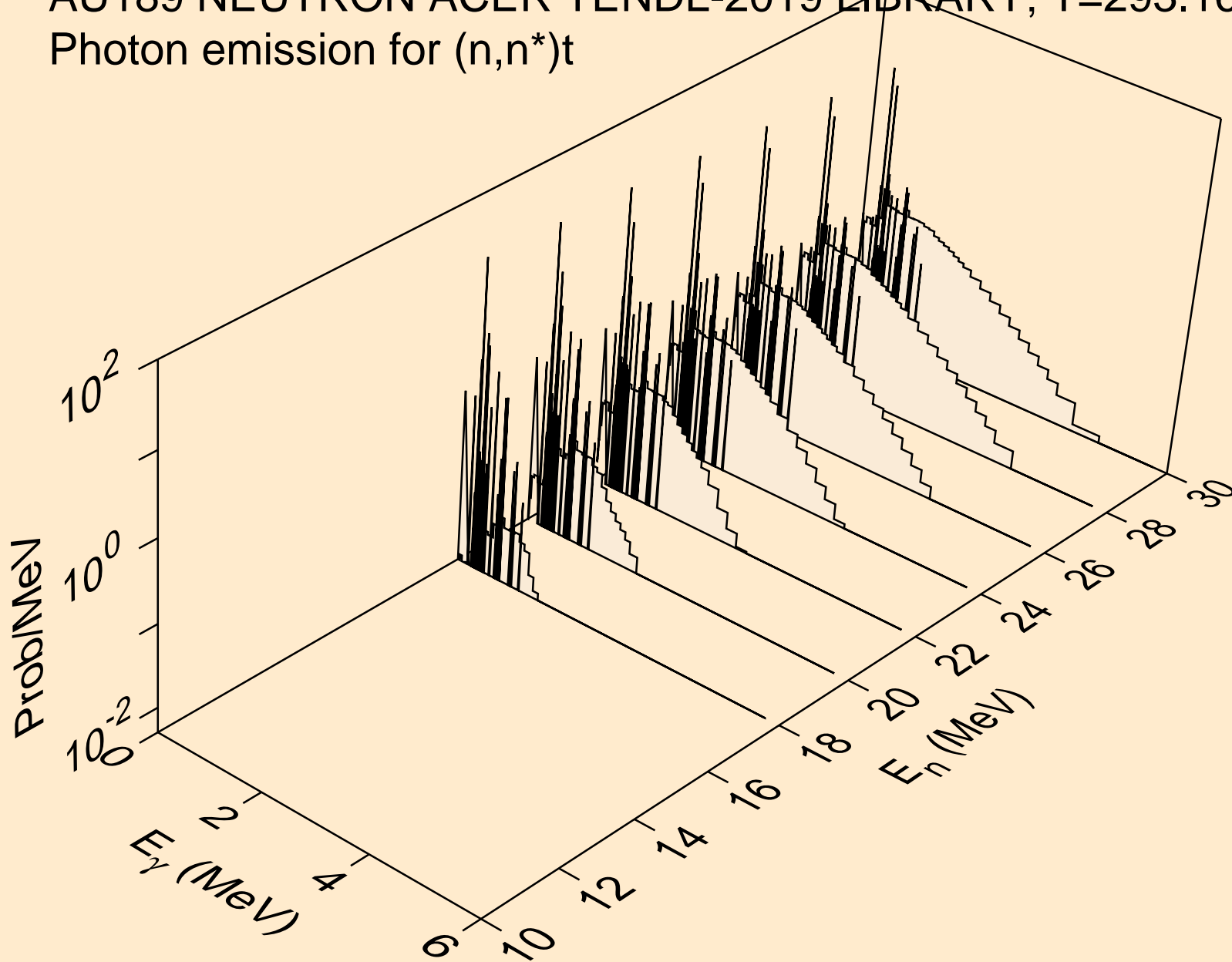
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



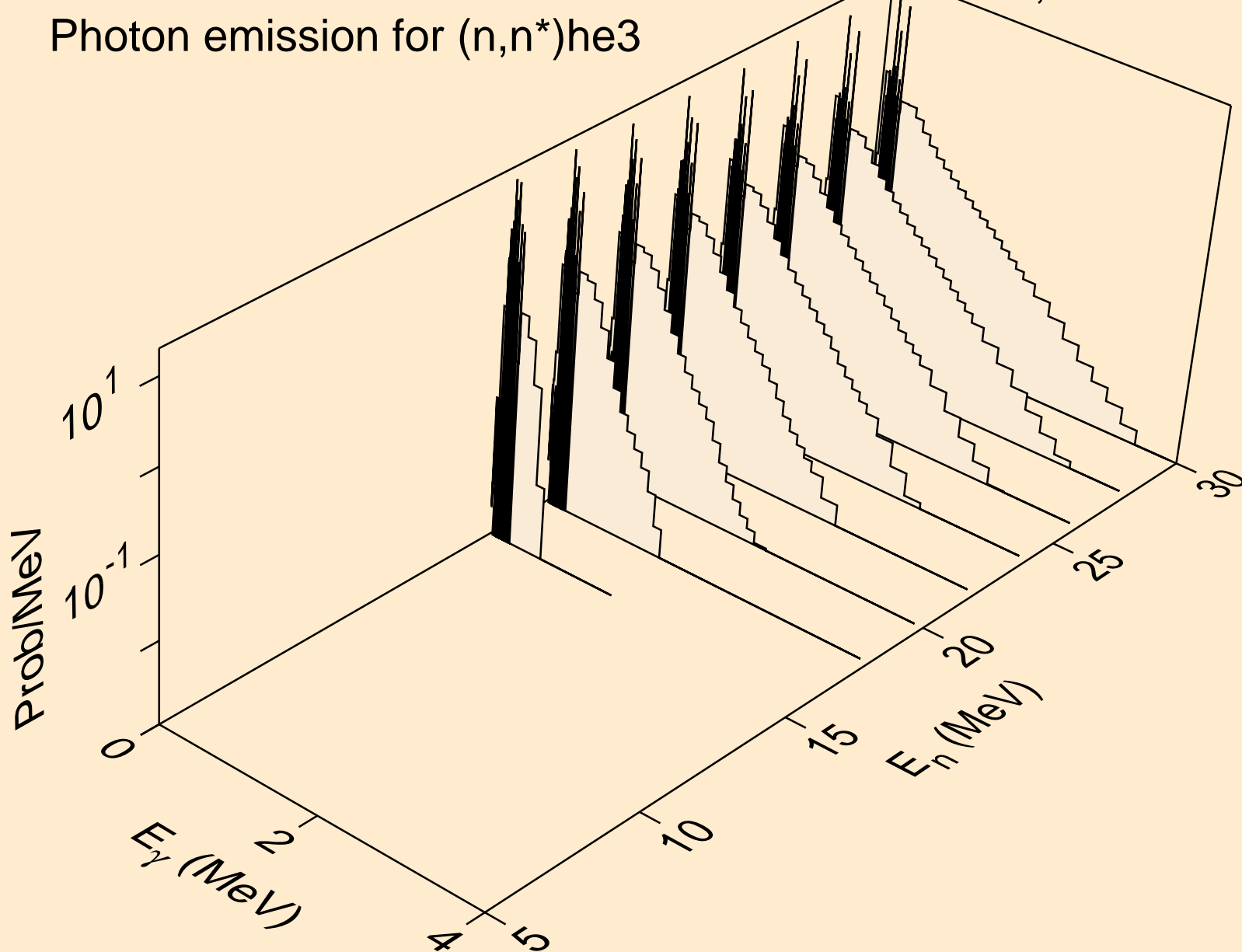
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



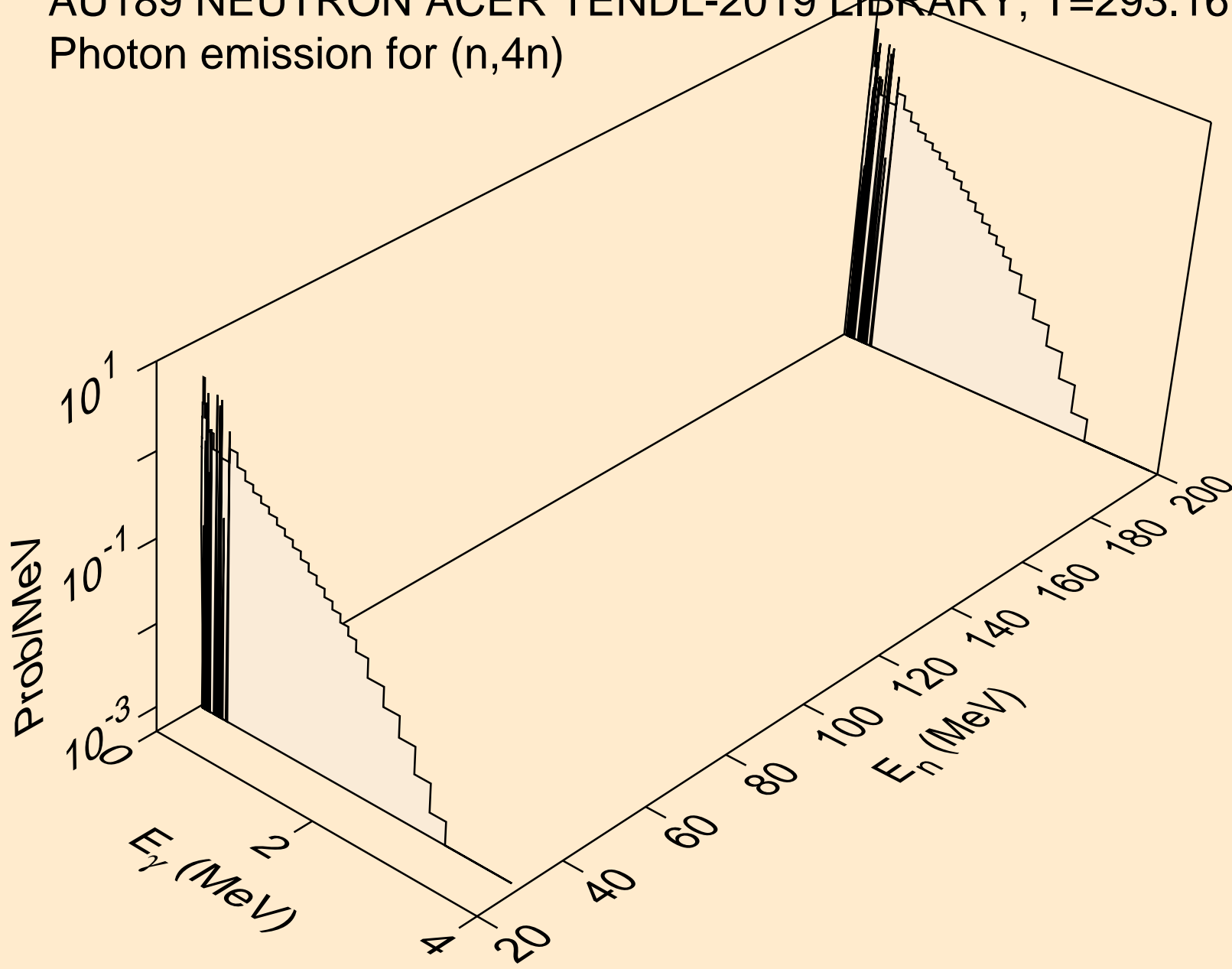
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



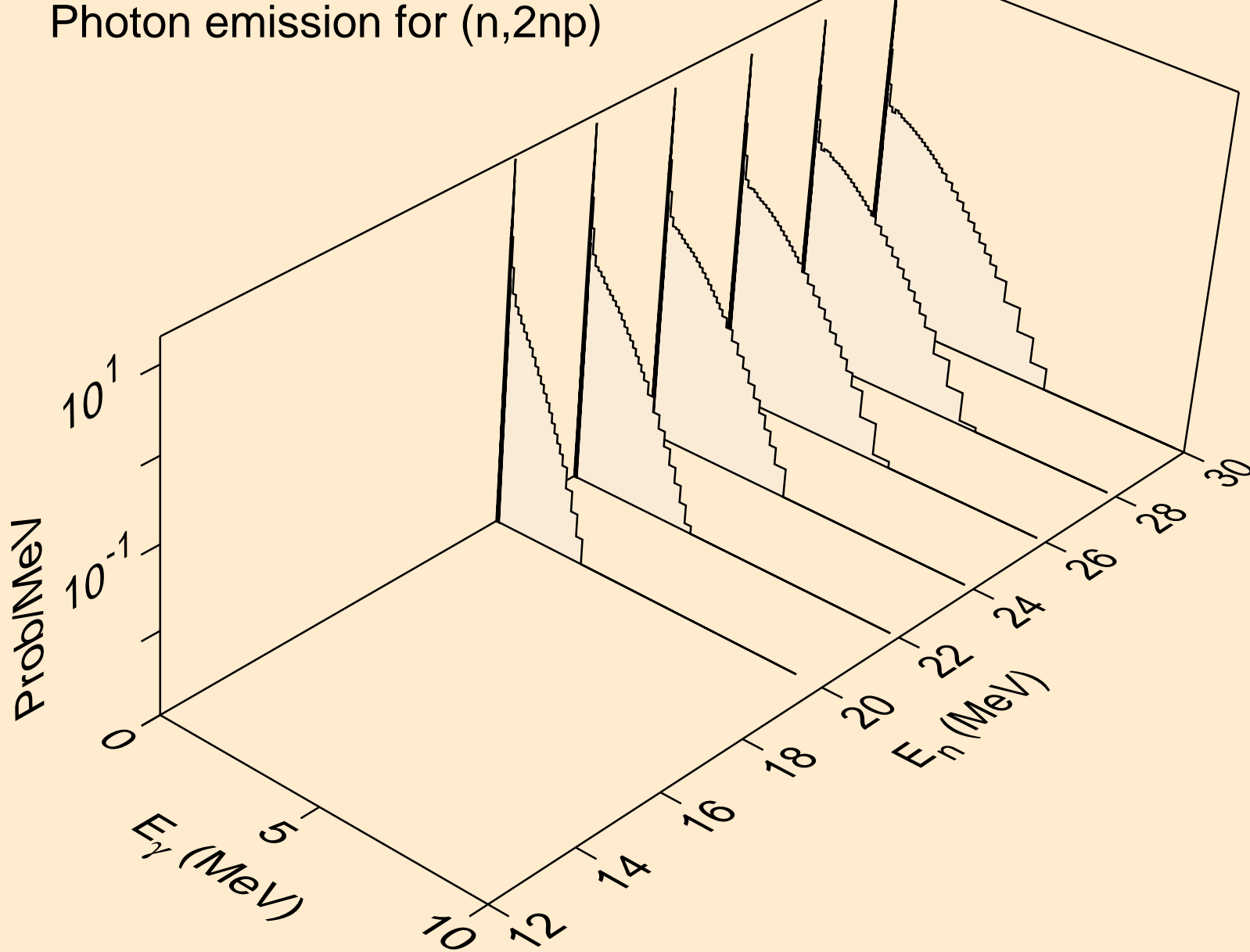
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



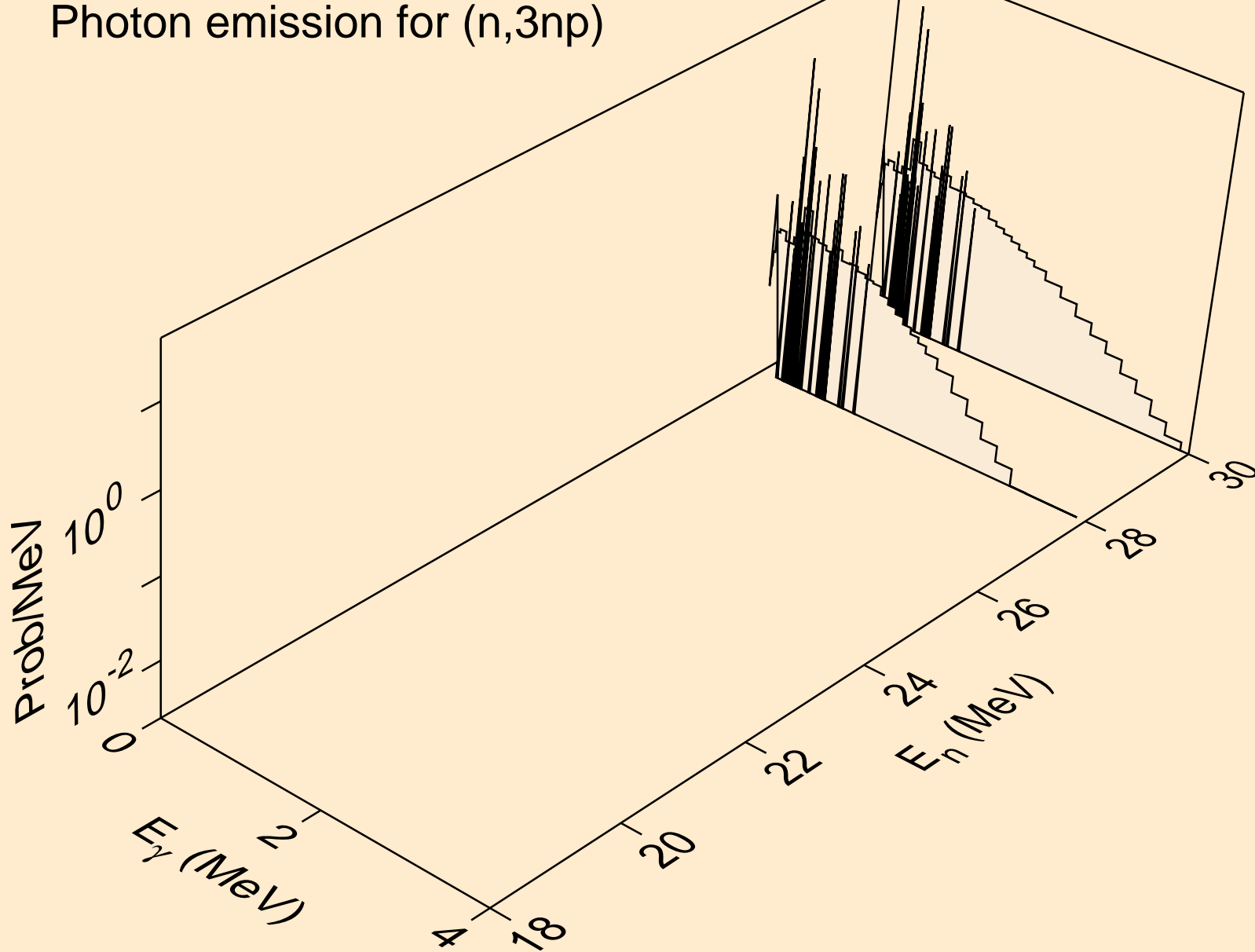
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



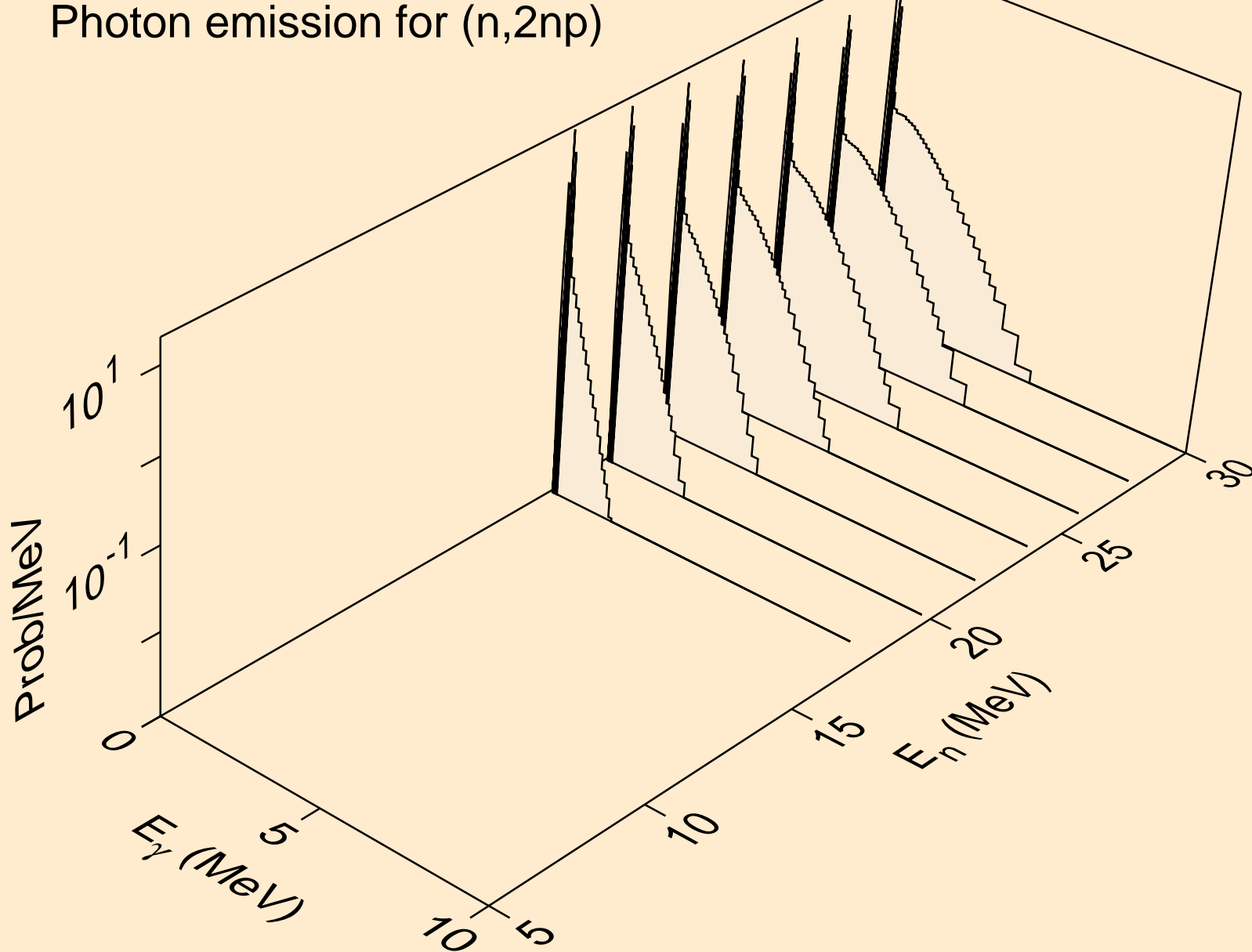
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



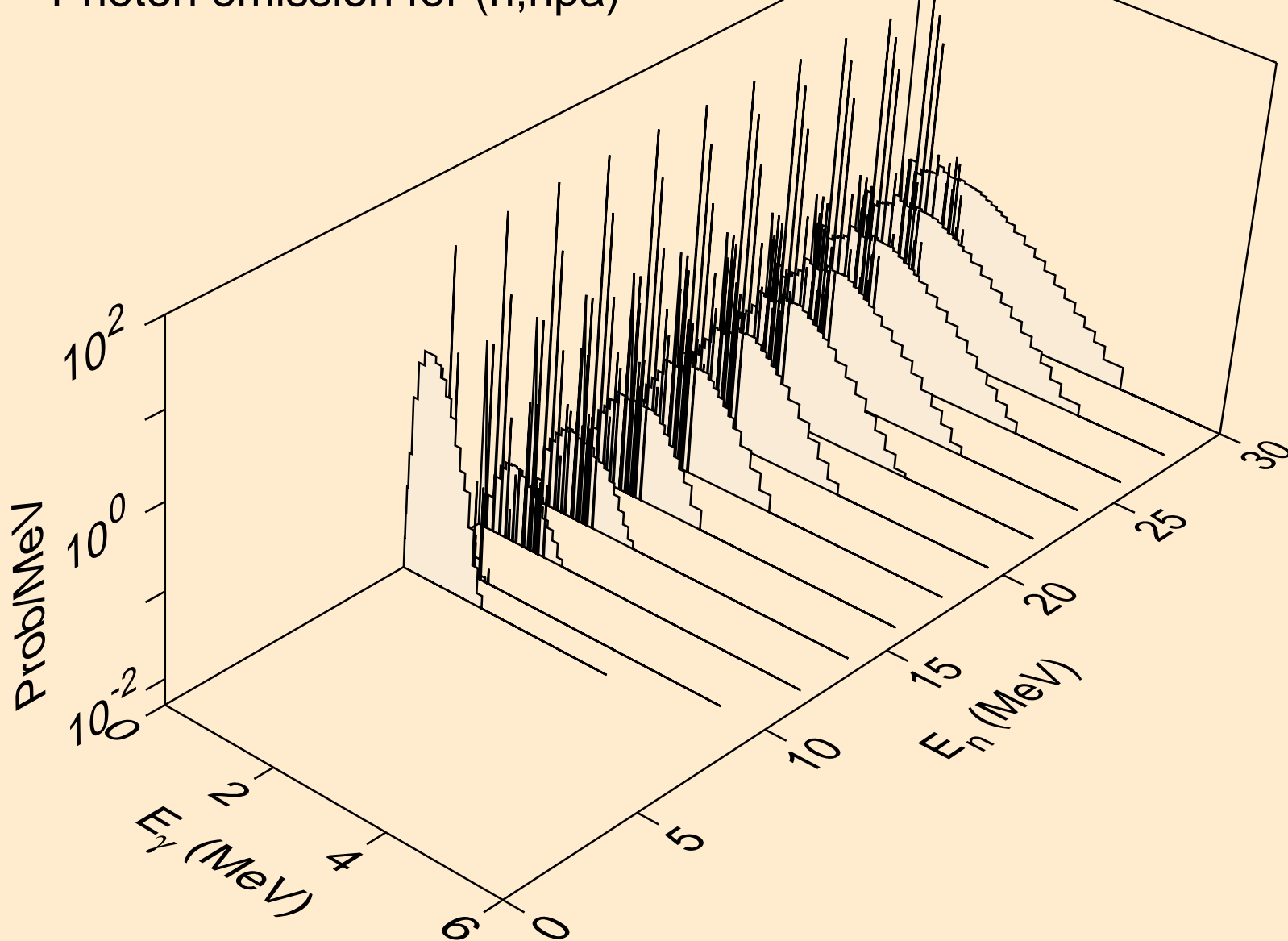
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



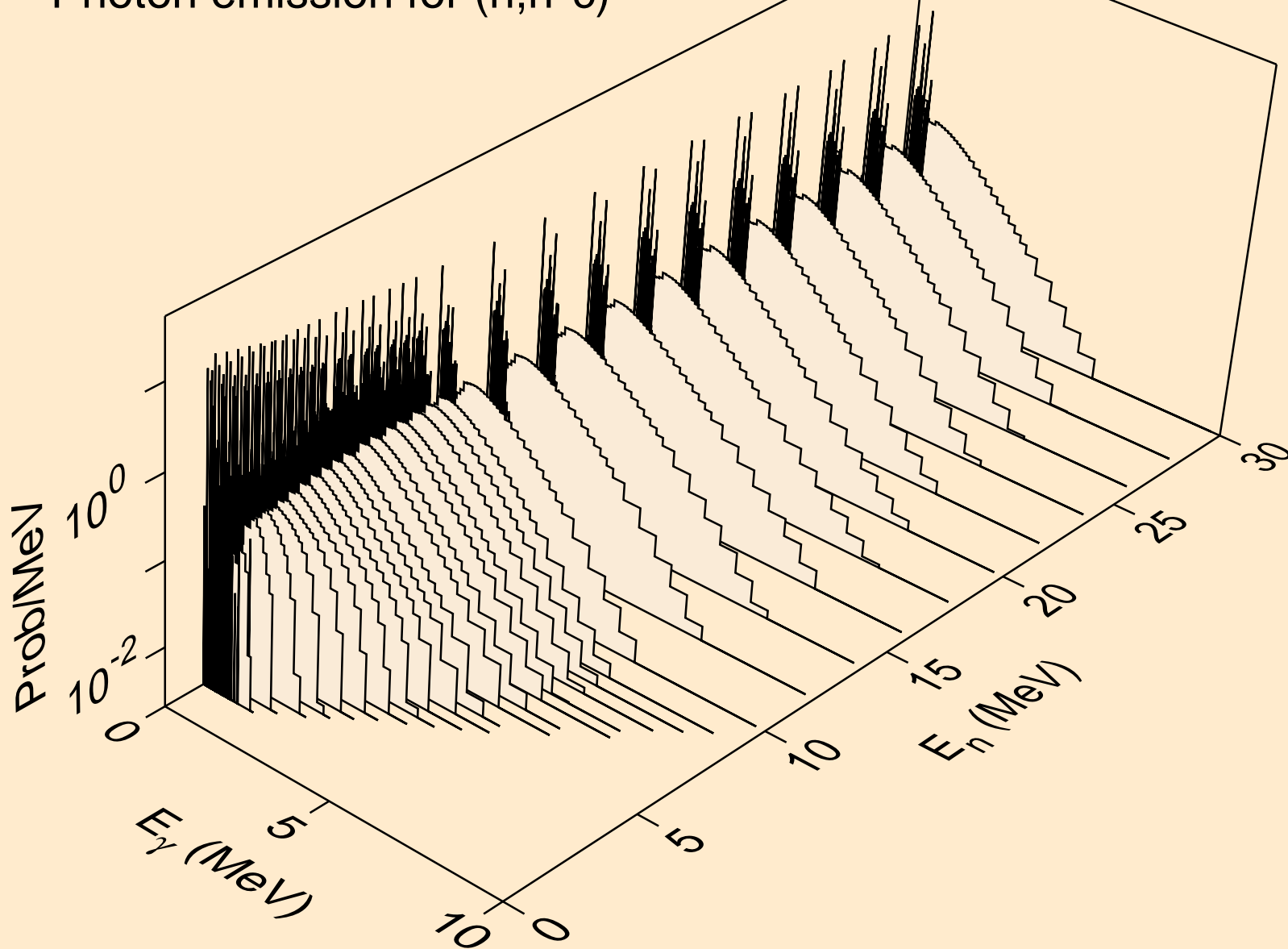
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



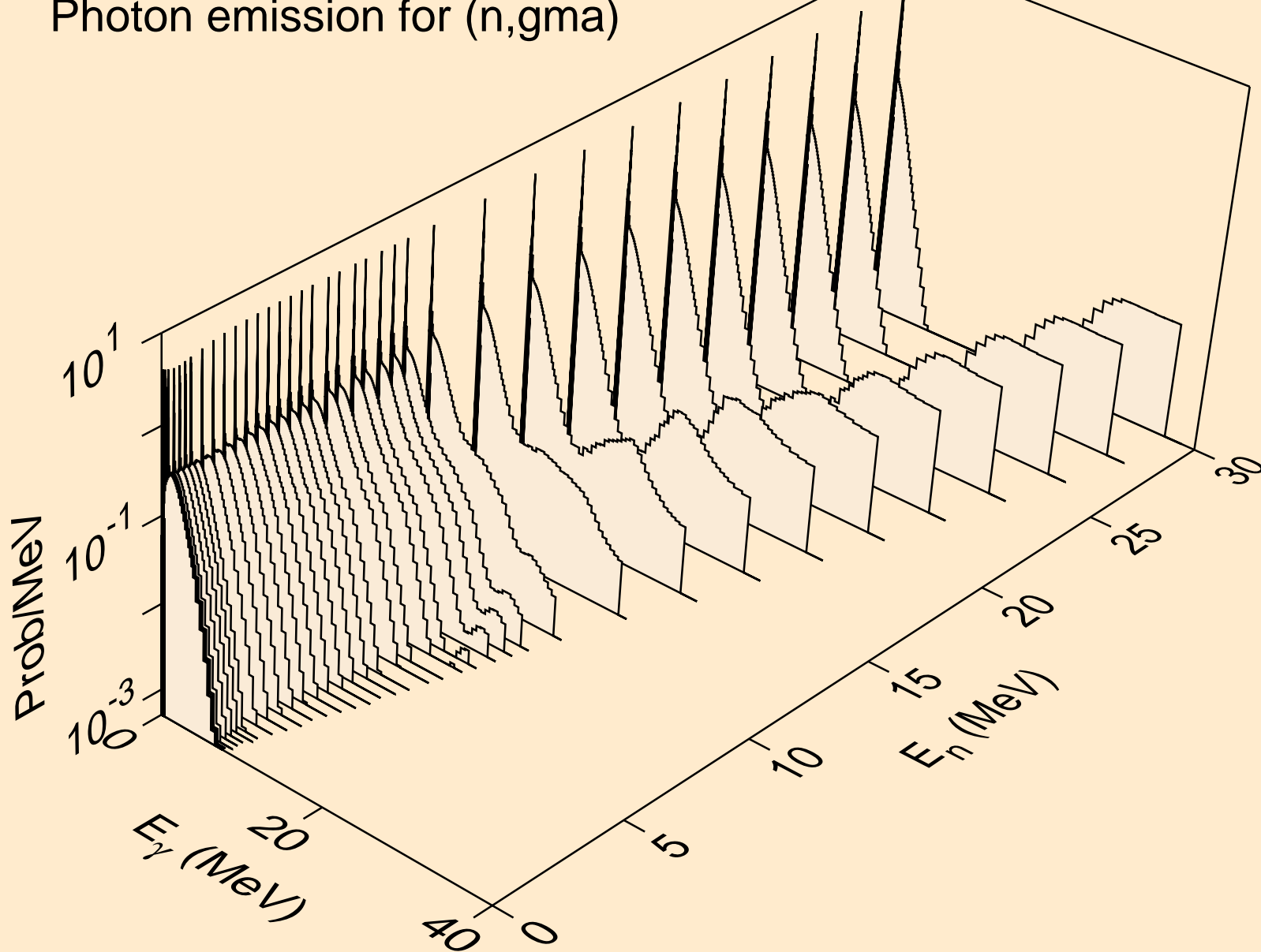
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



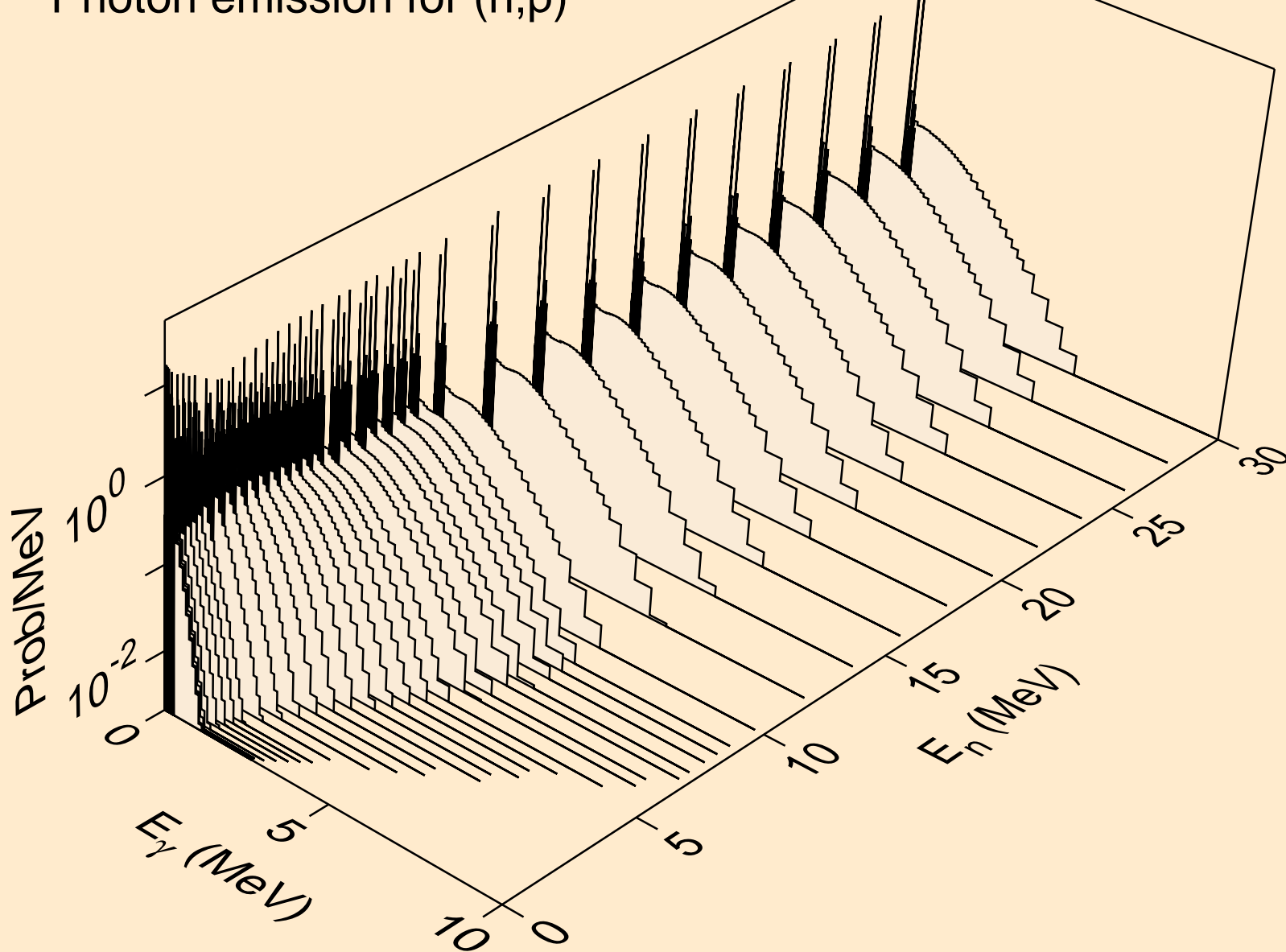
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



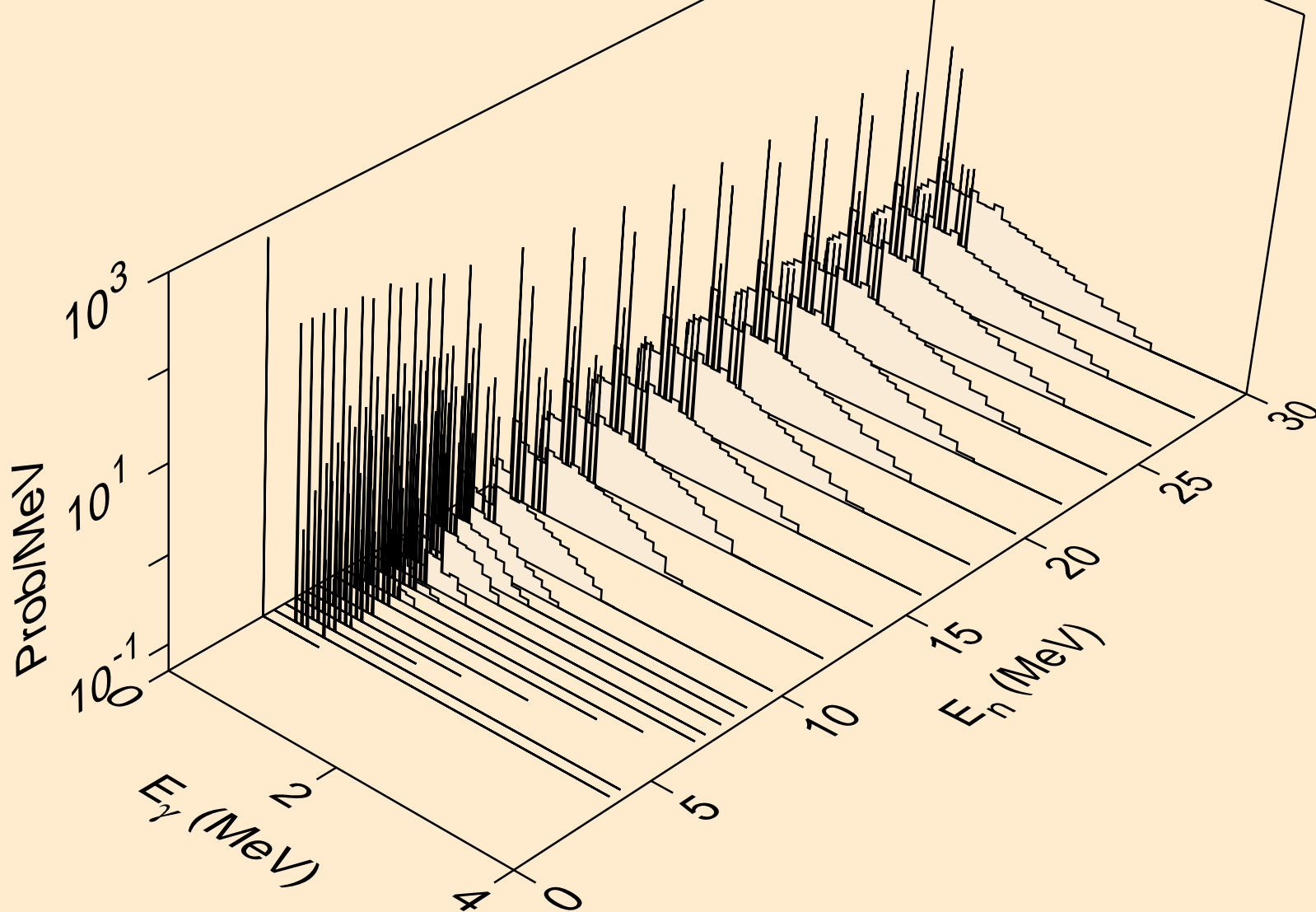
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



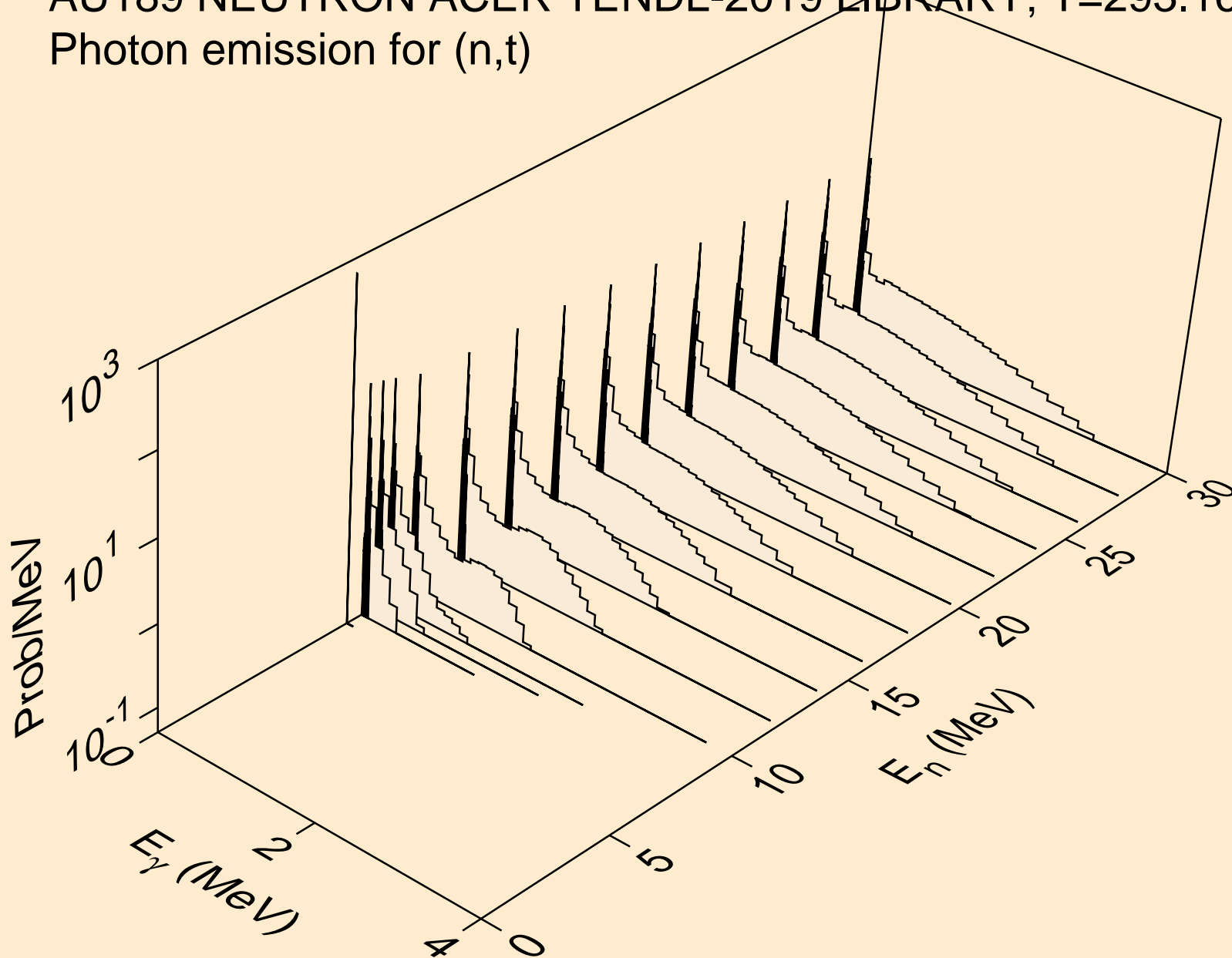
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



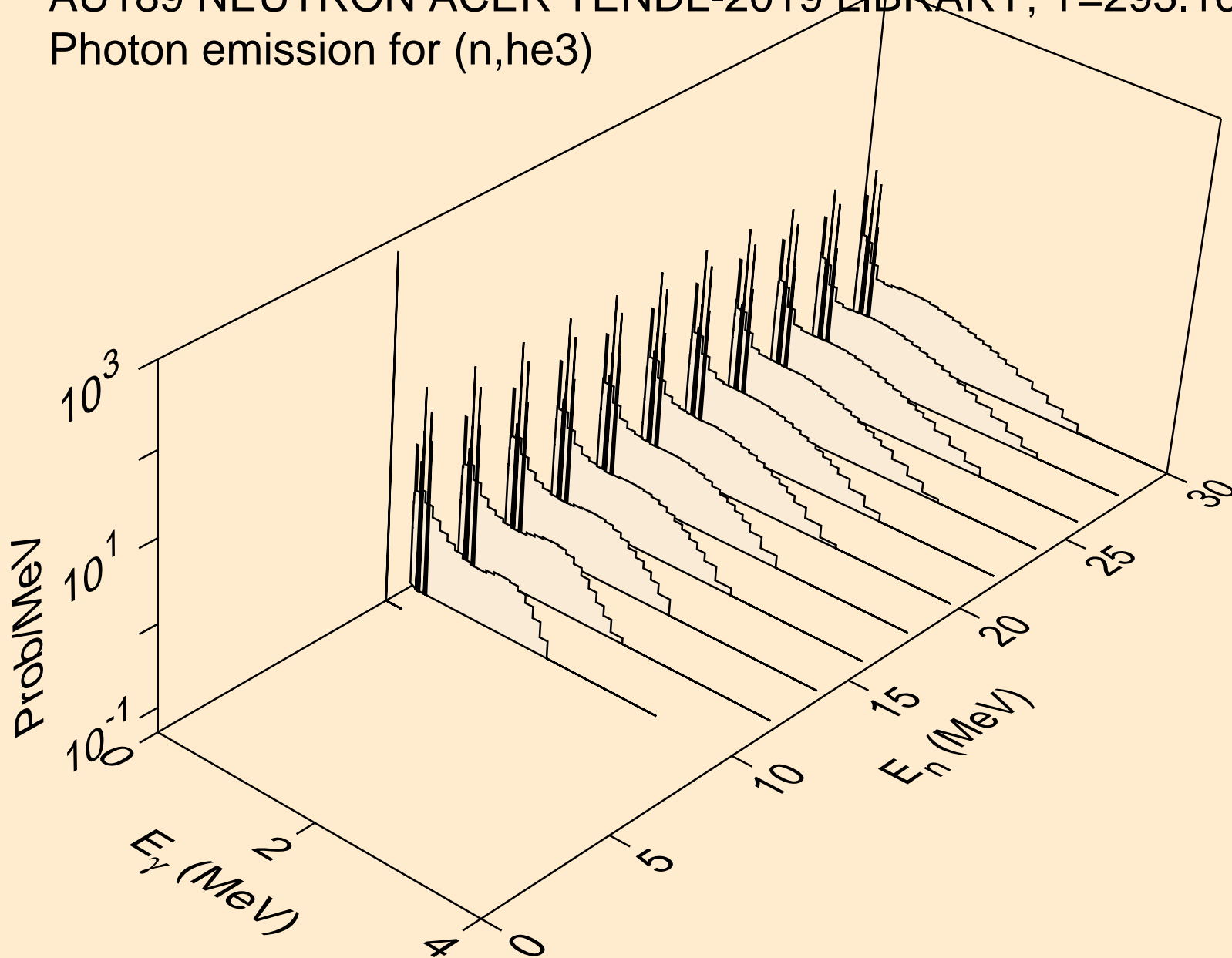
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



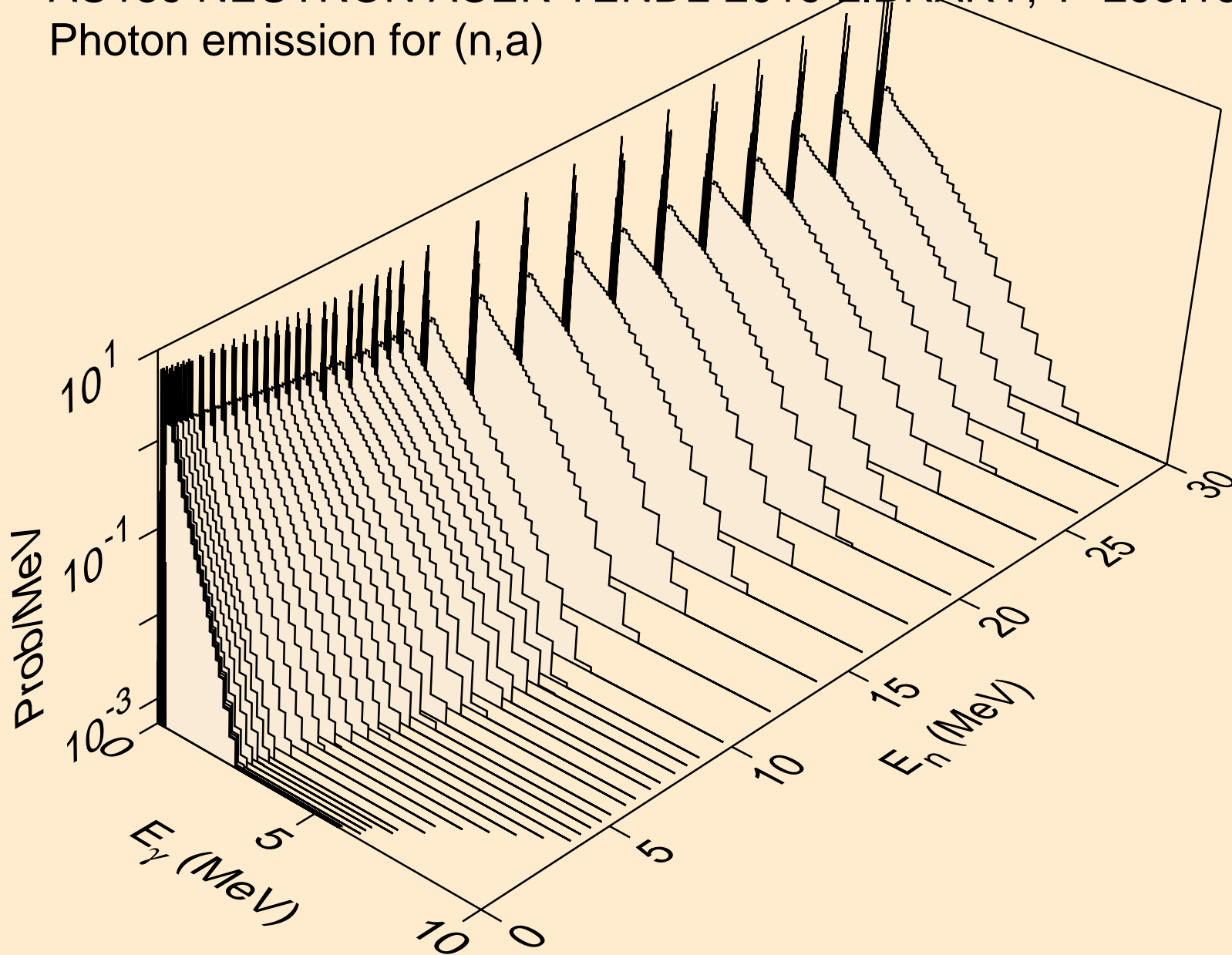
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



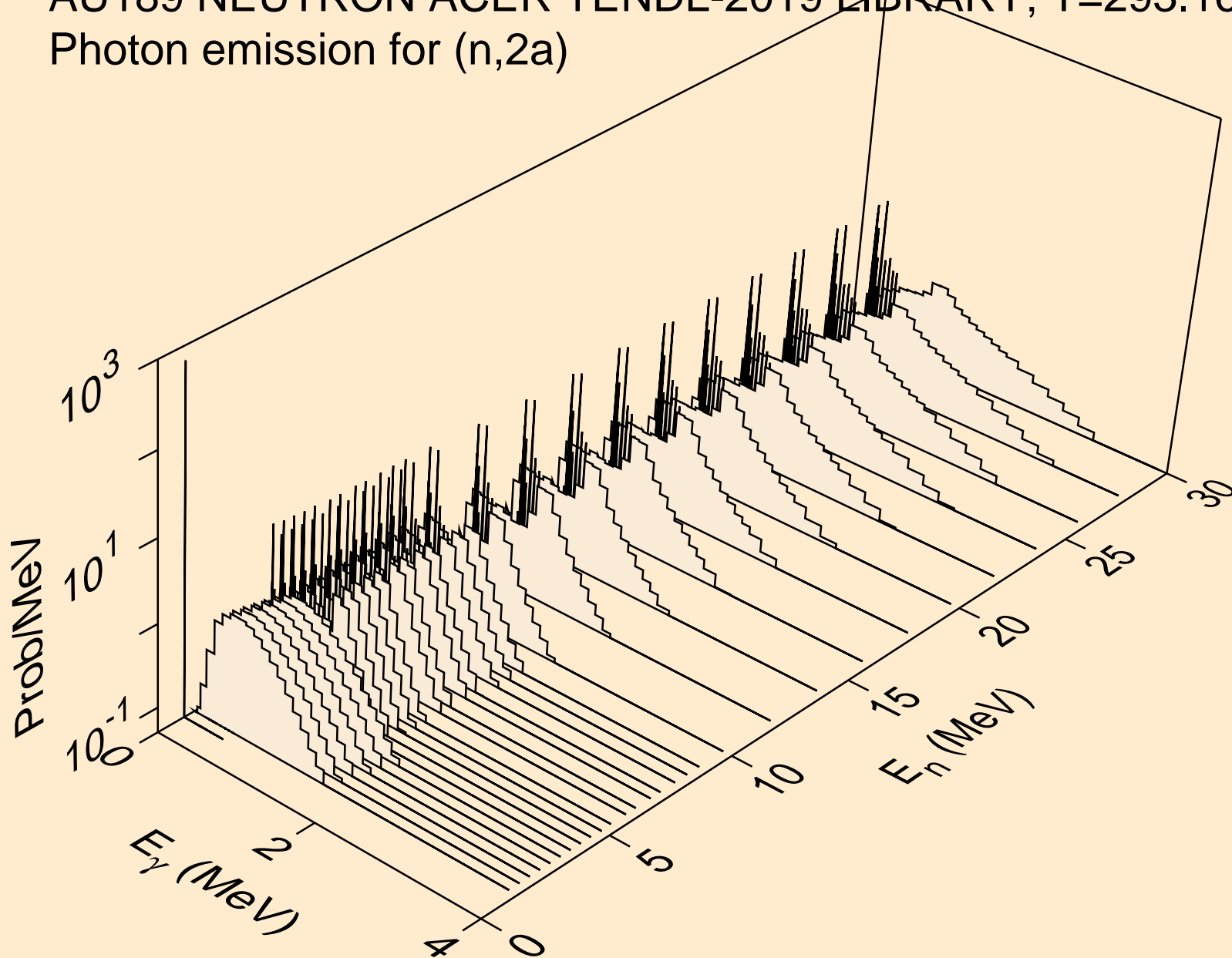
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



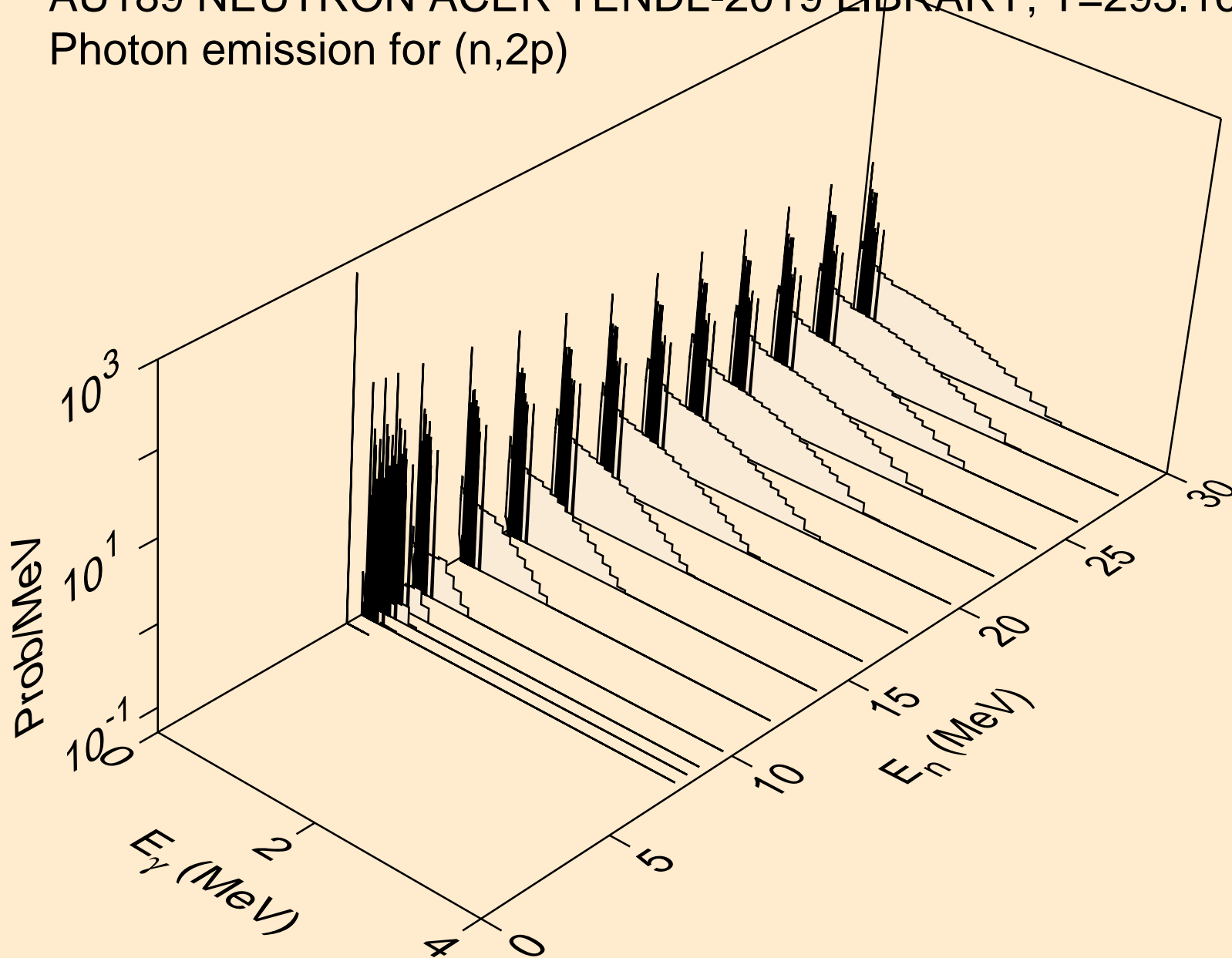
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



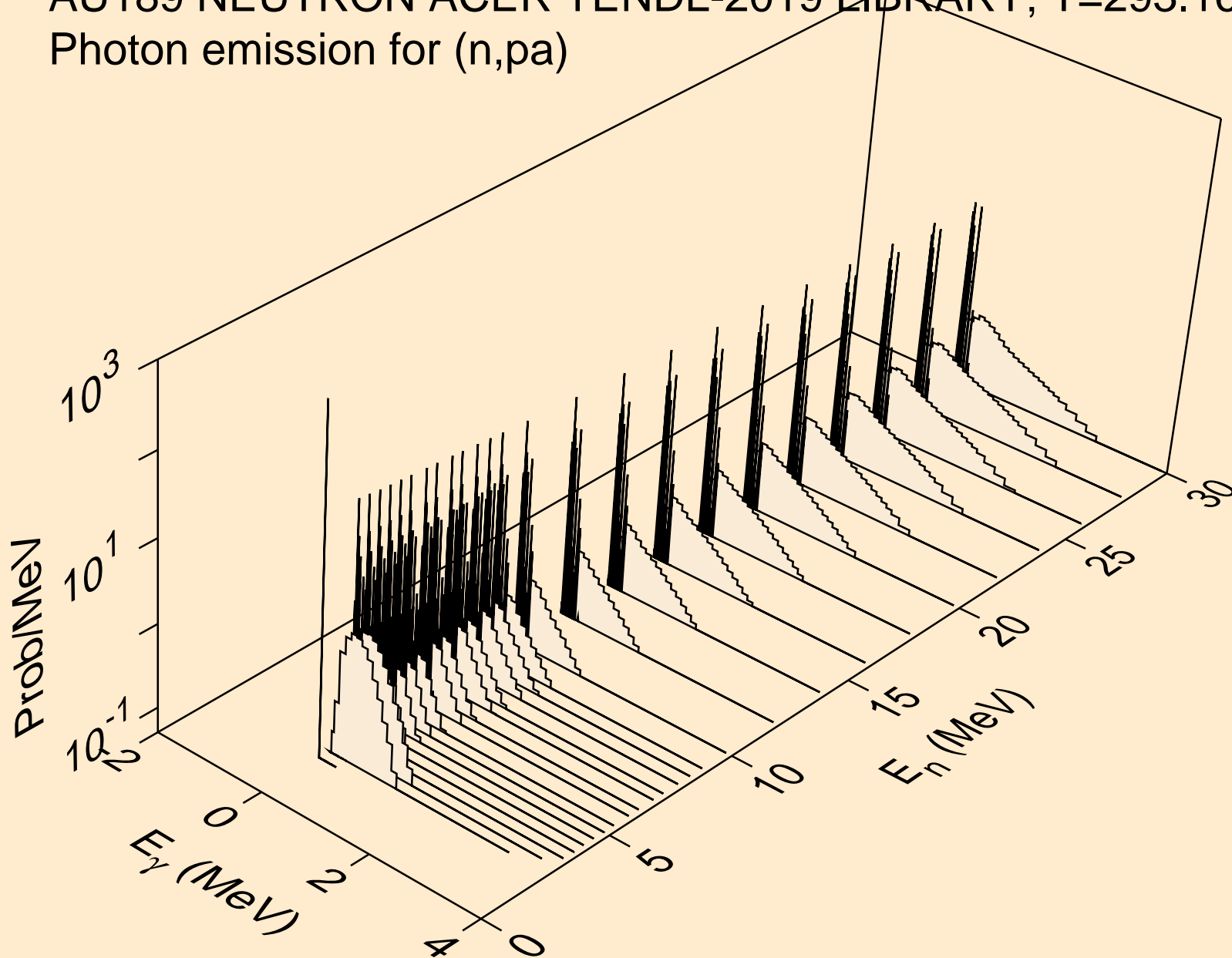
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



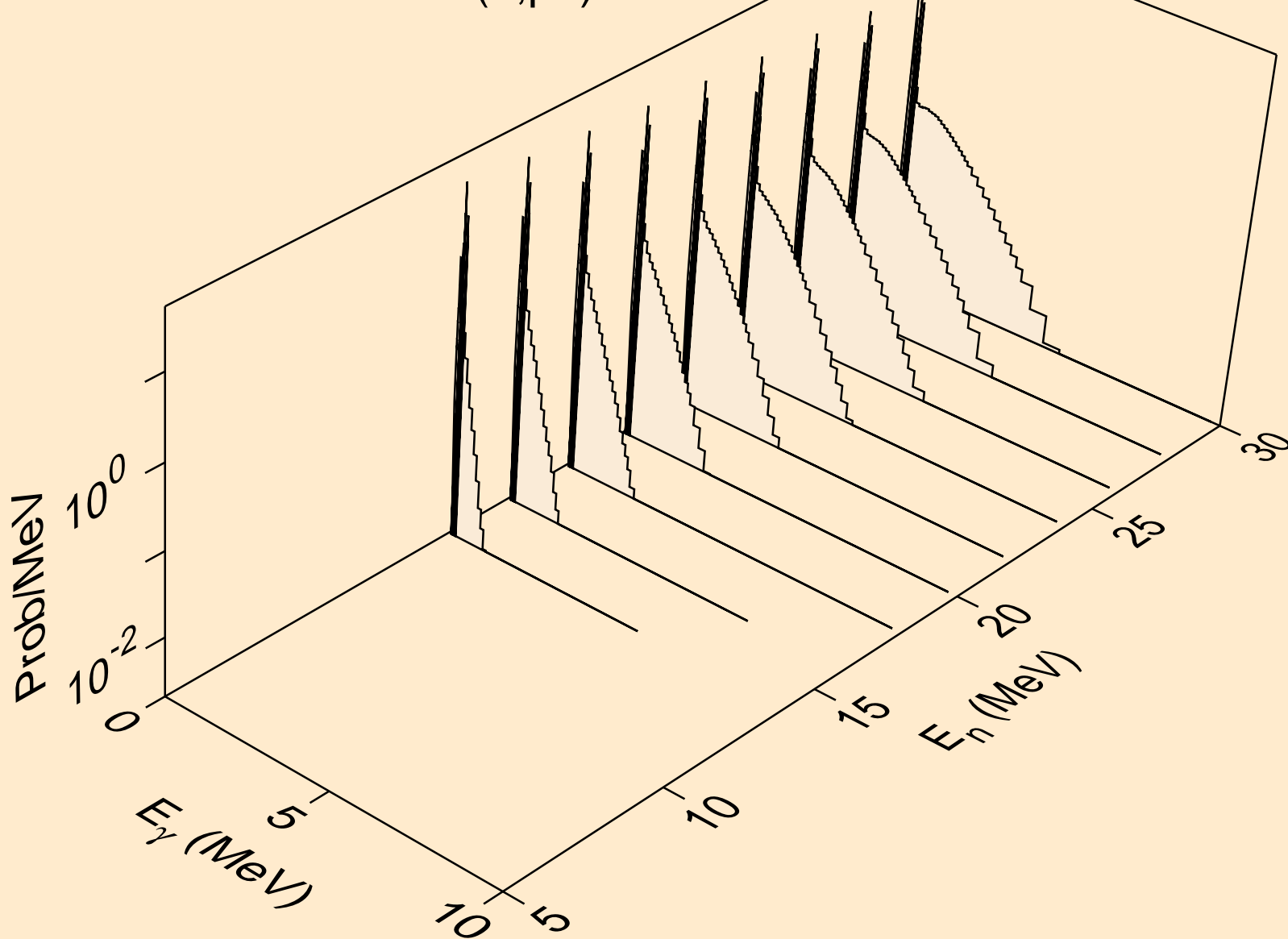
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



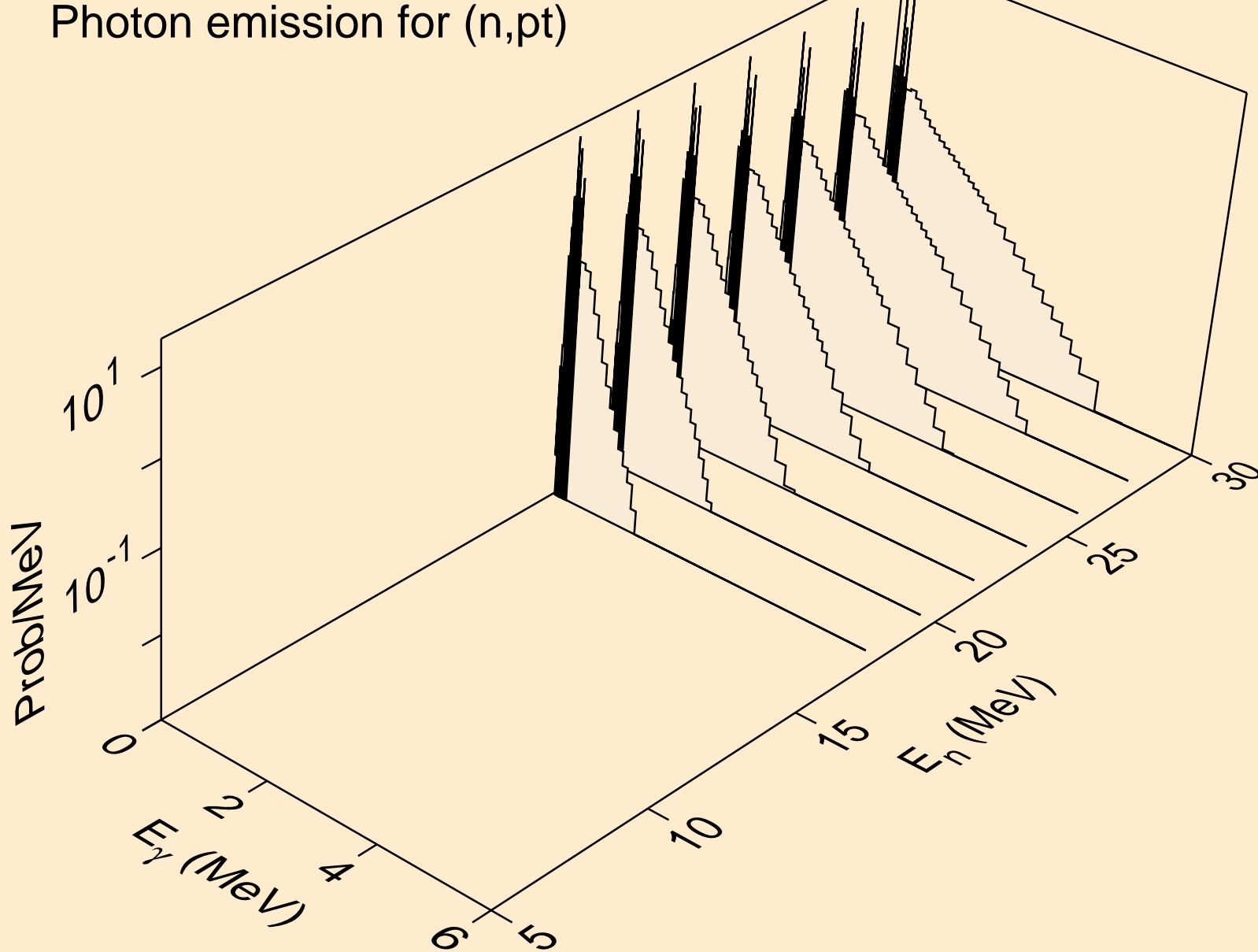
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



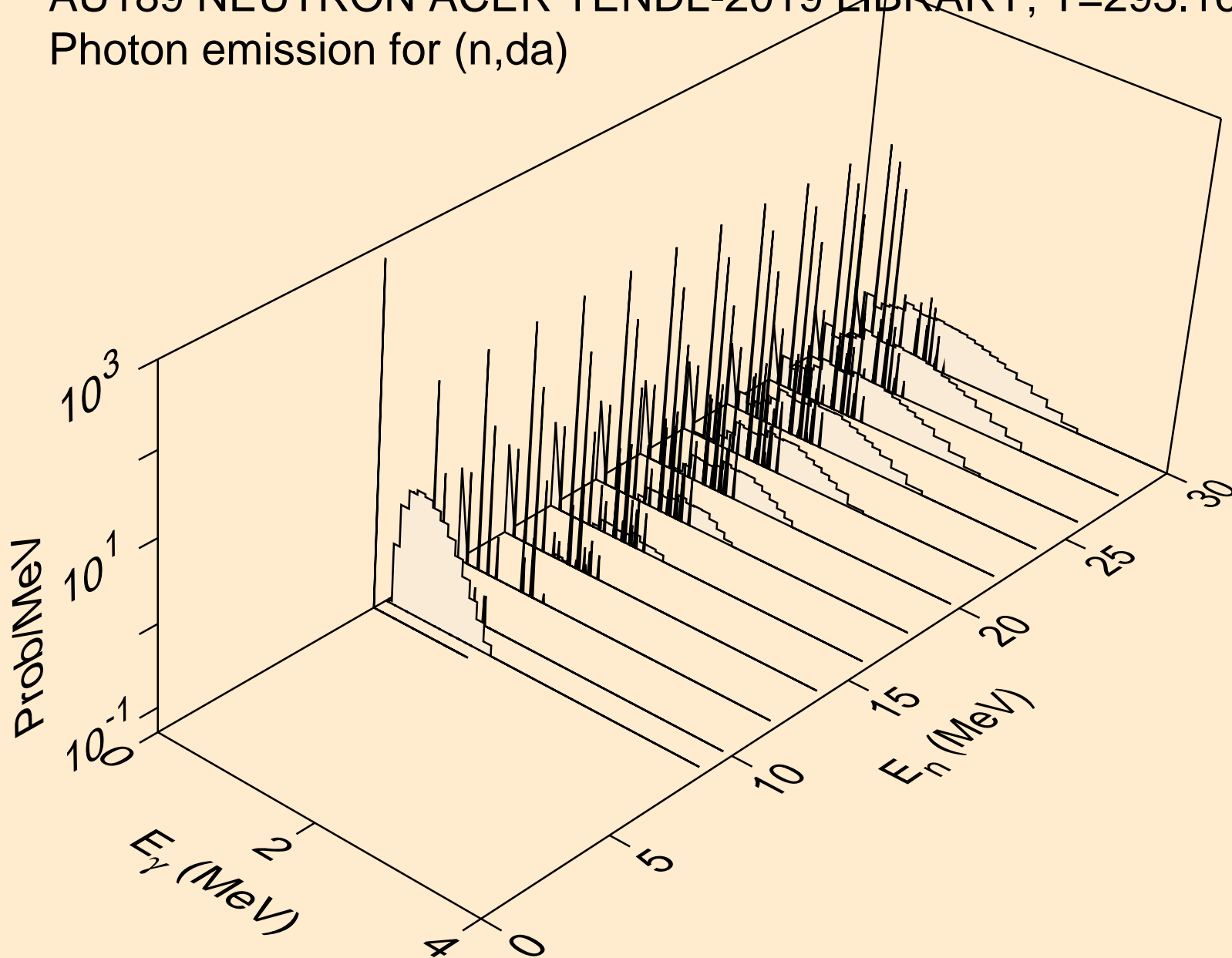
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



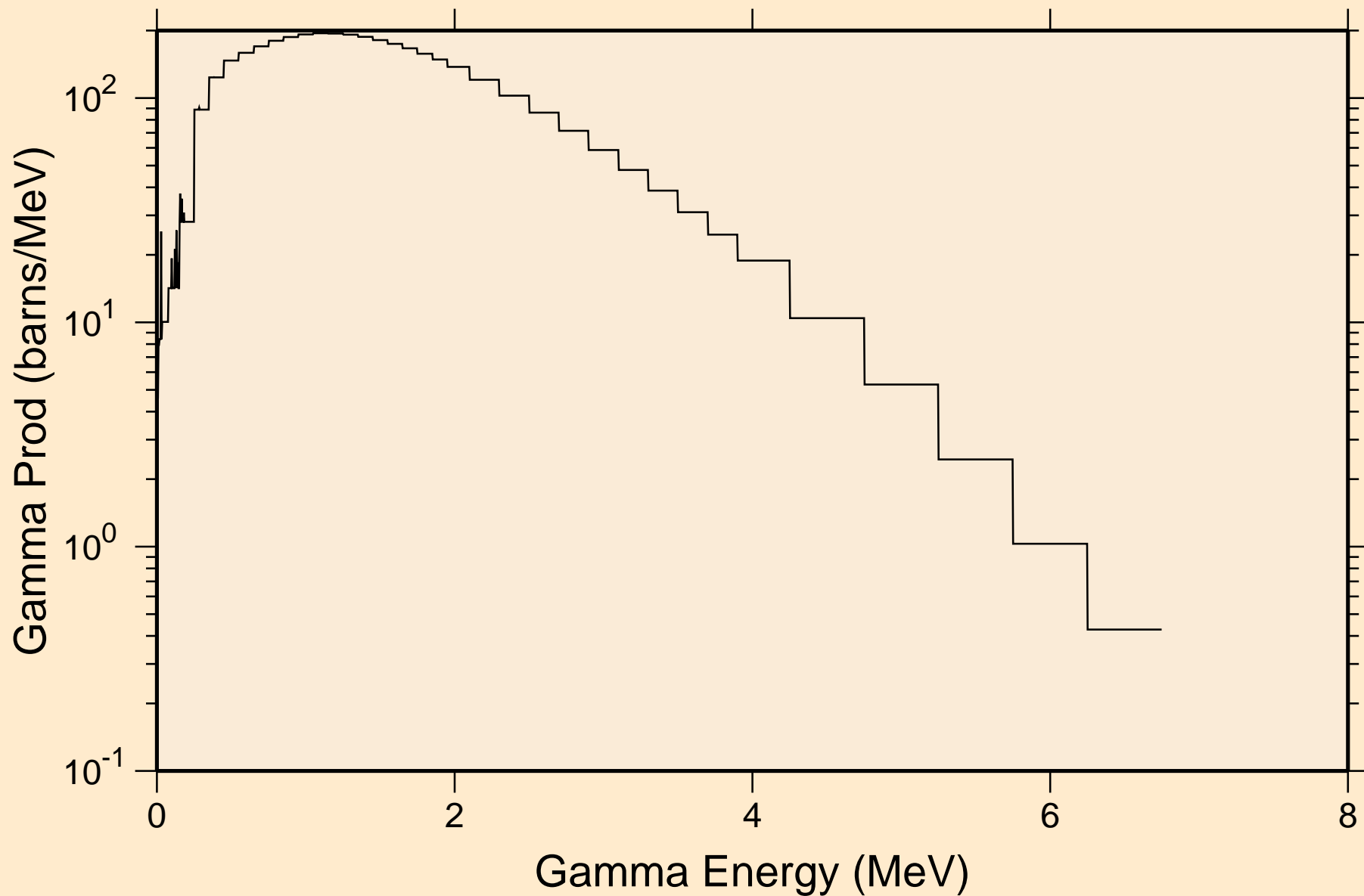
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



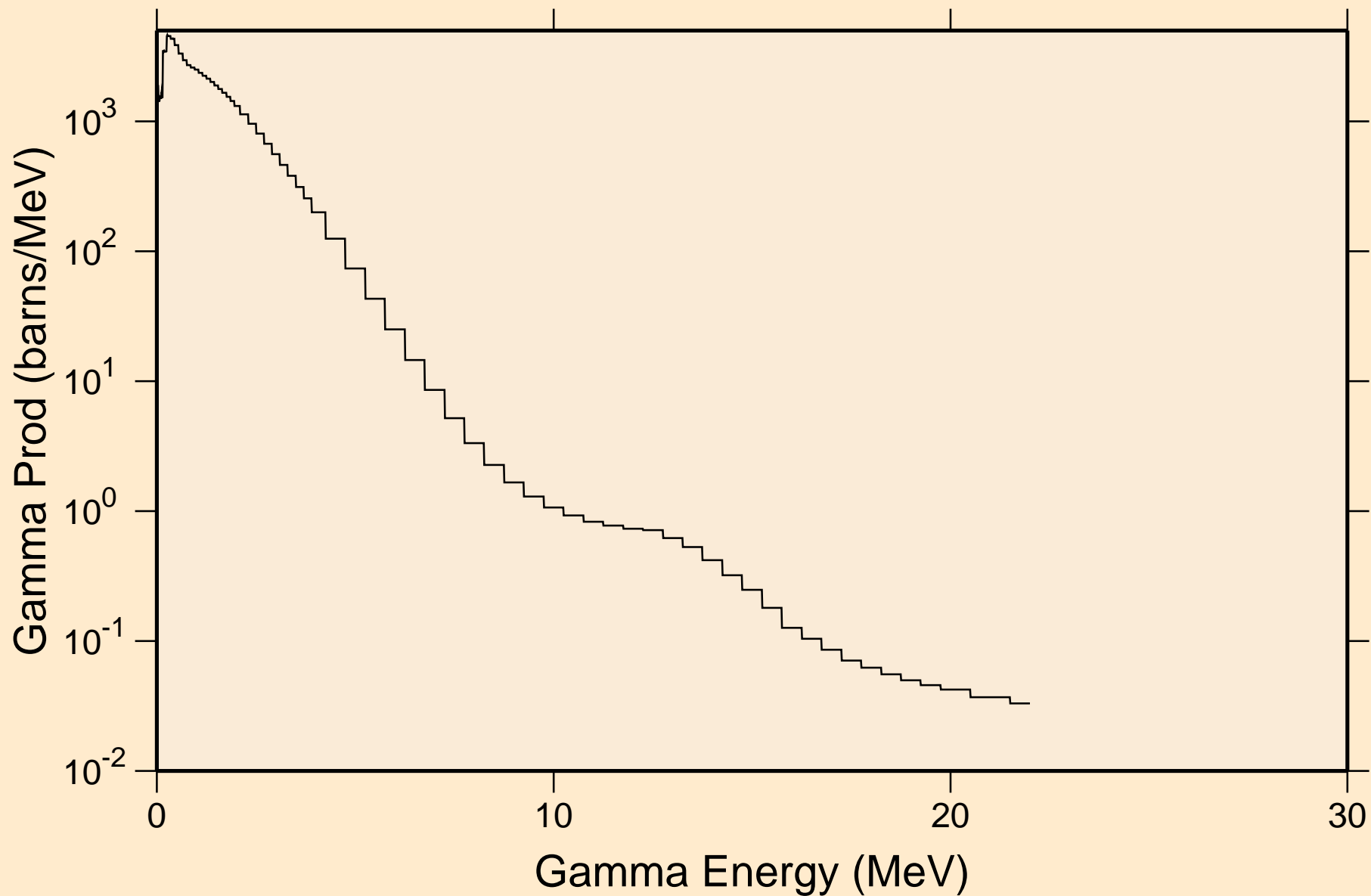
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

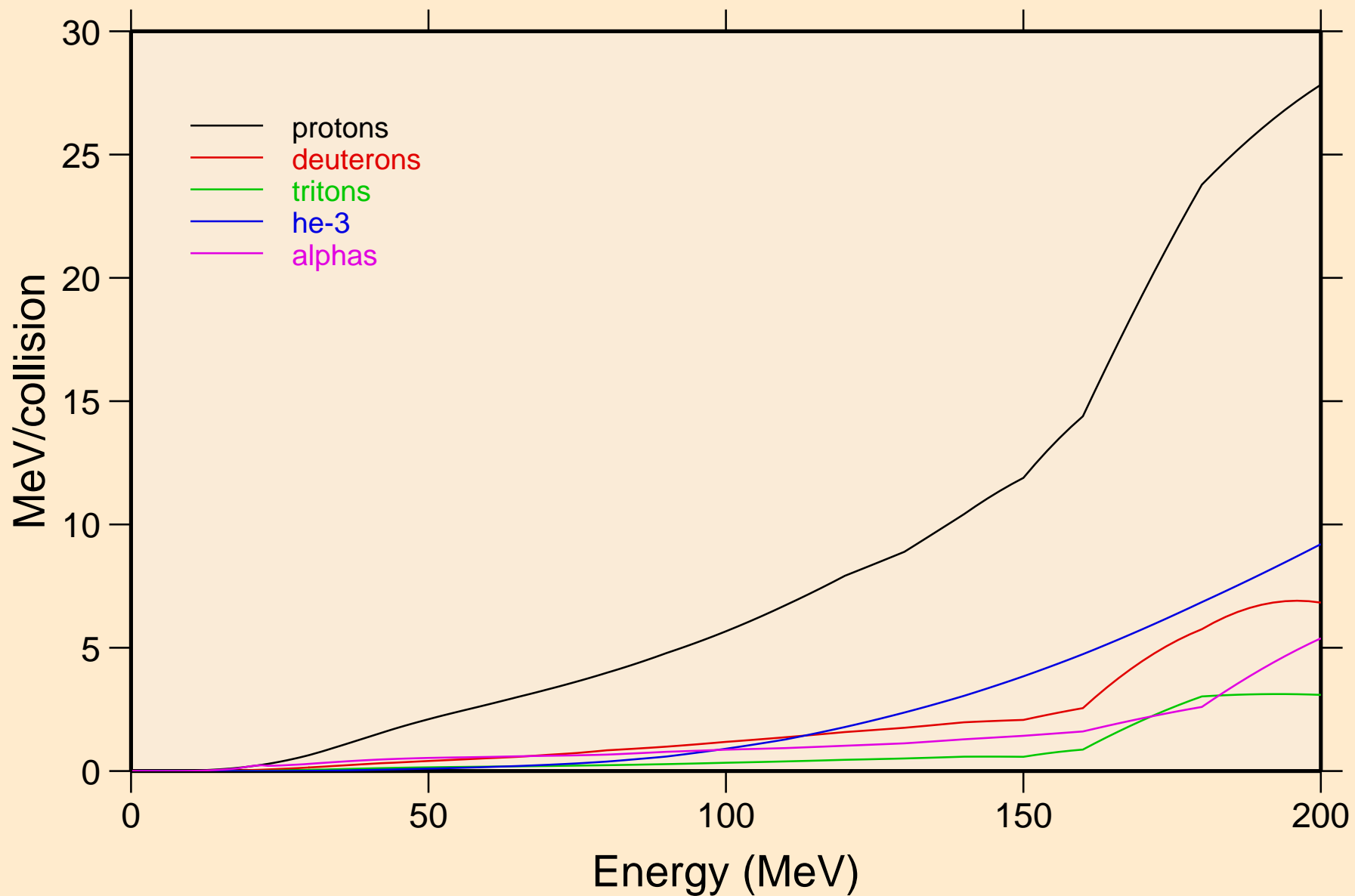


AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

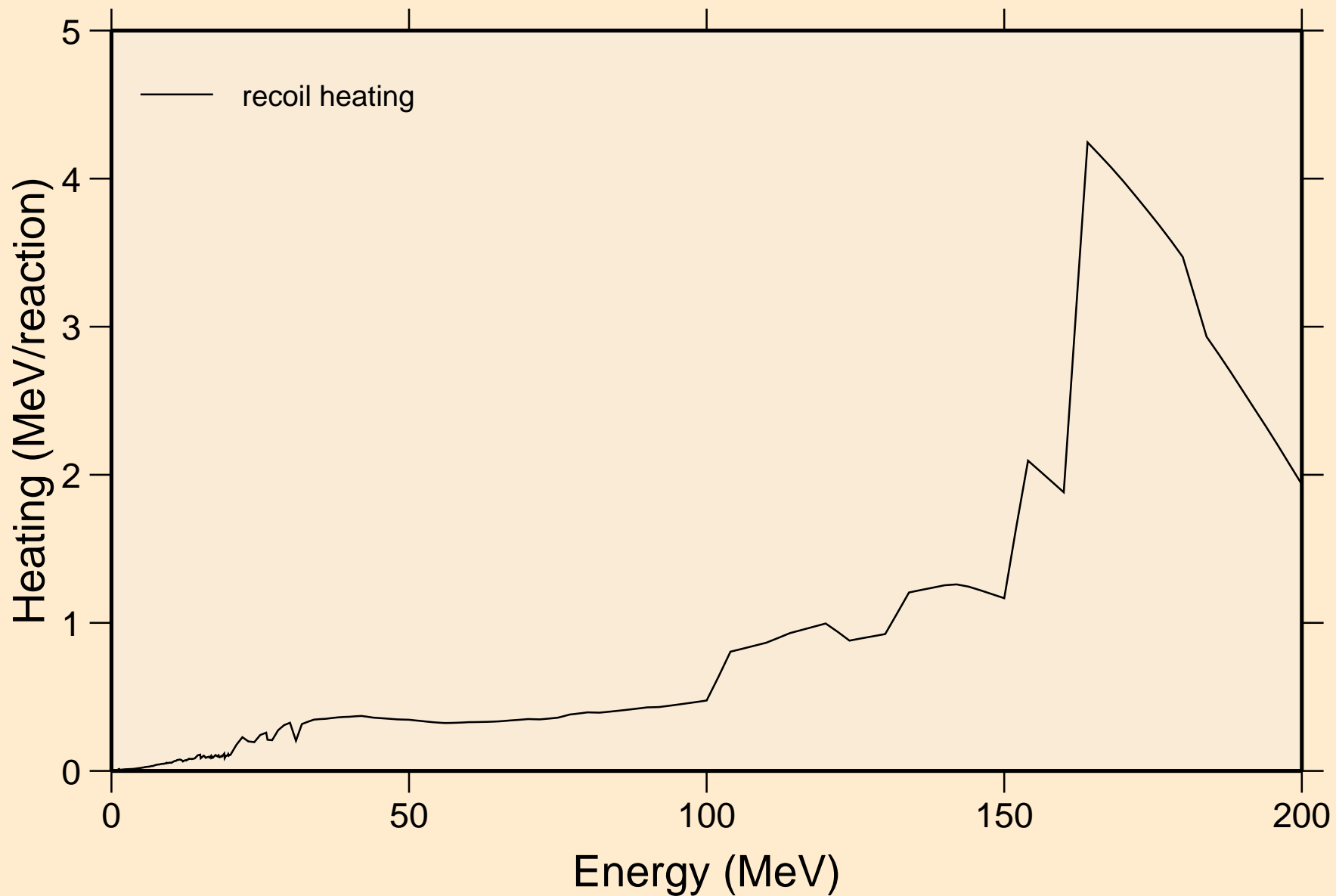


AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

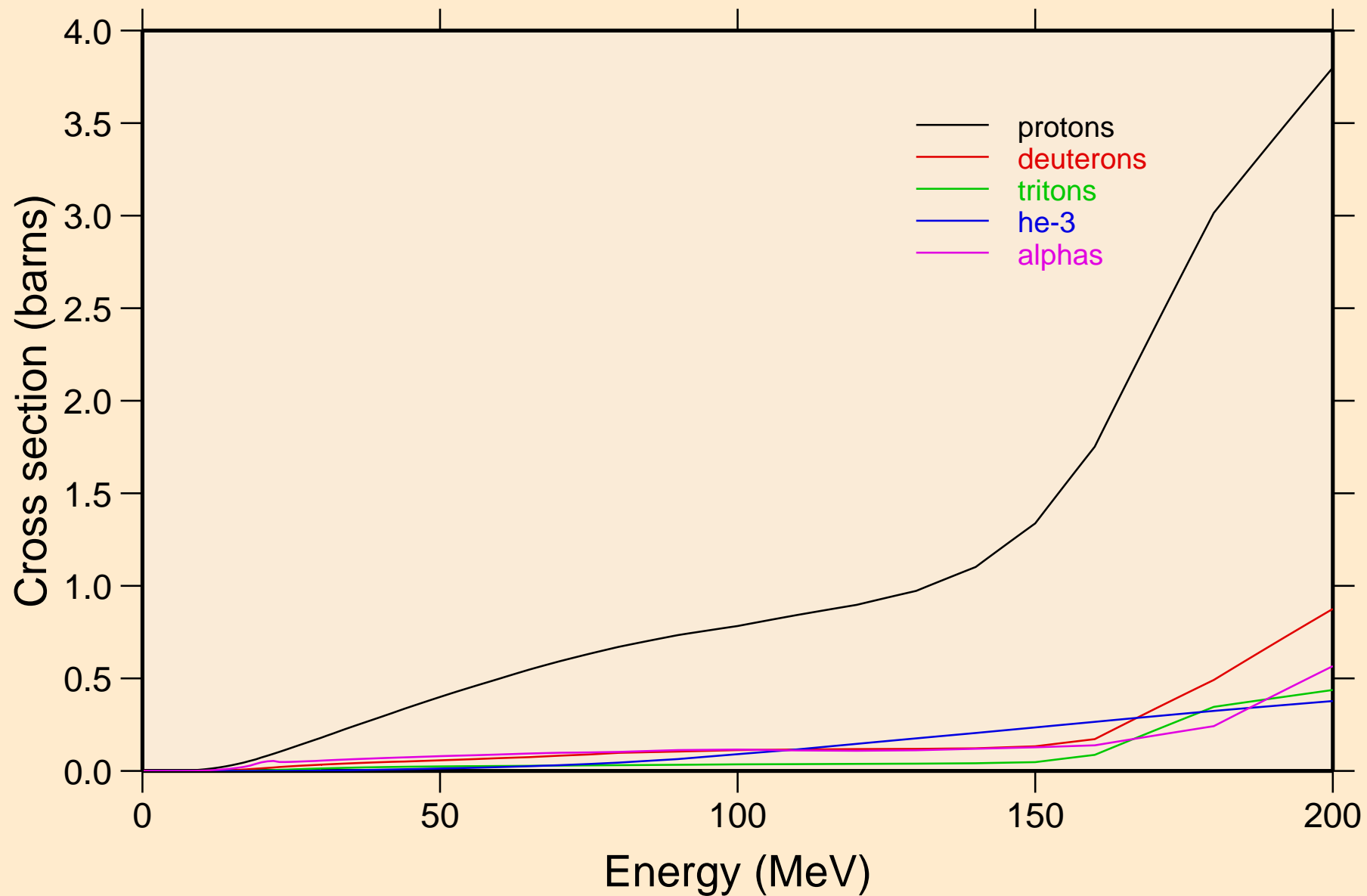
Particle heating contributions



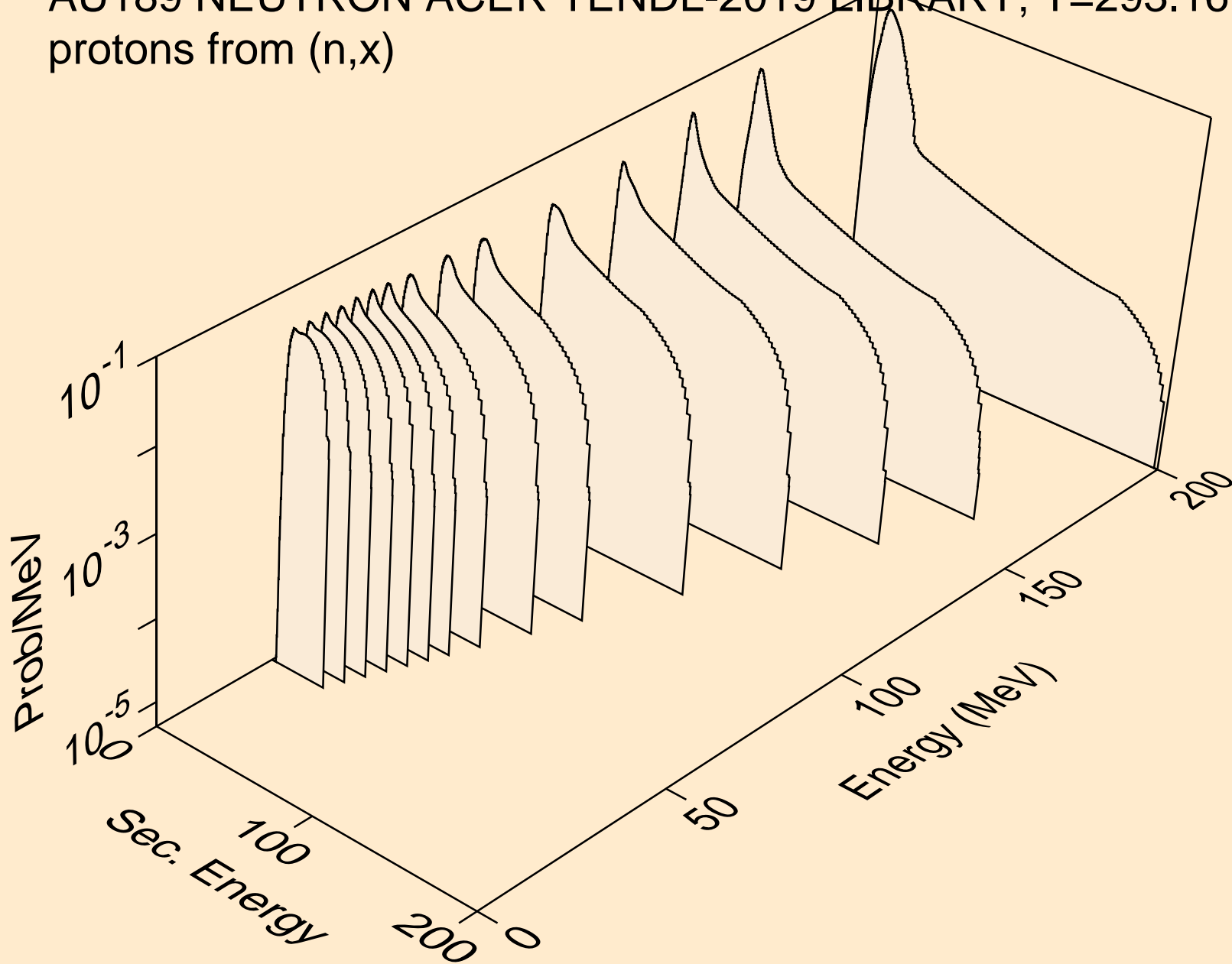
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



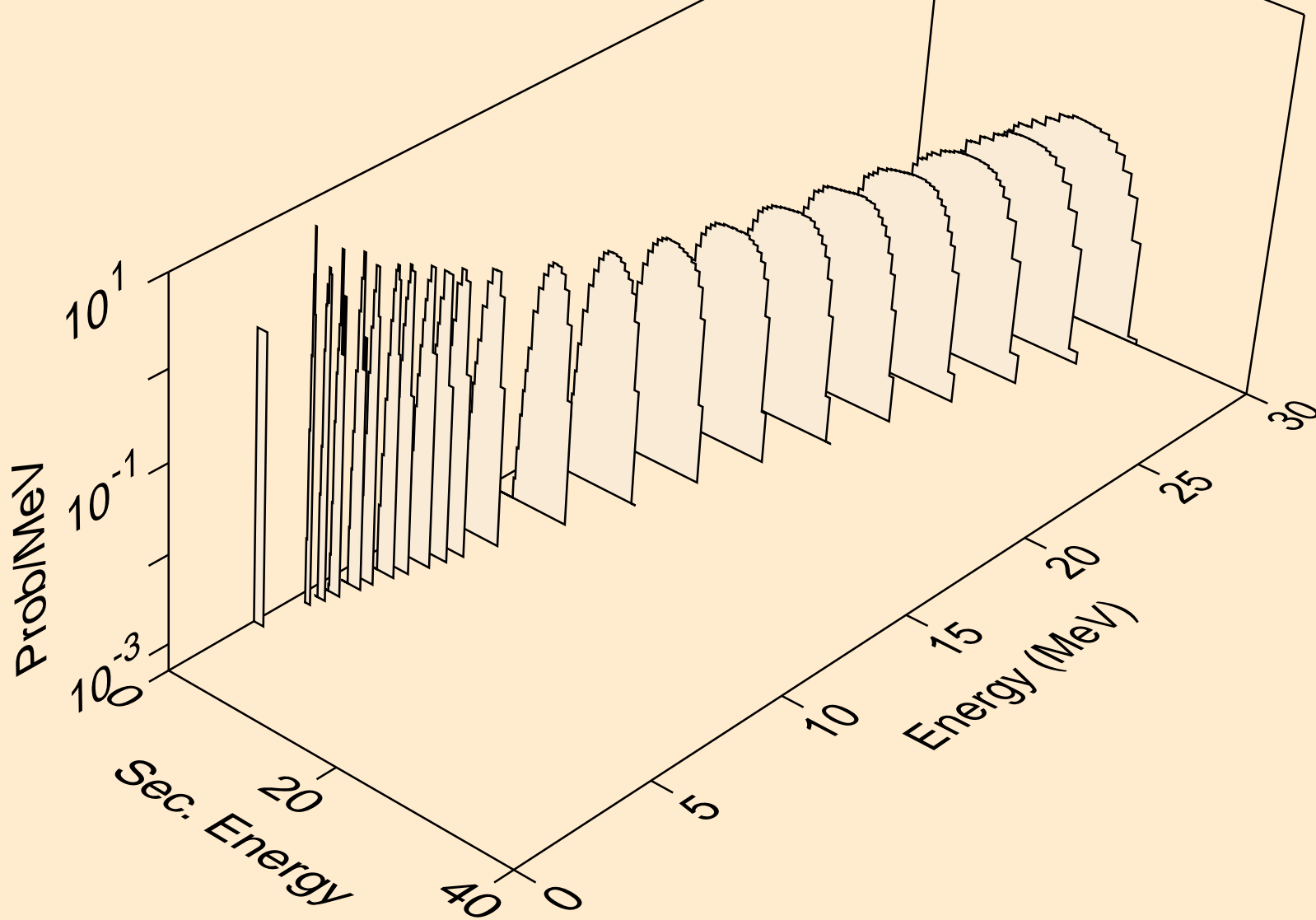
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



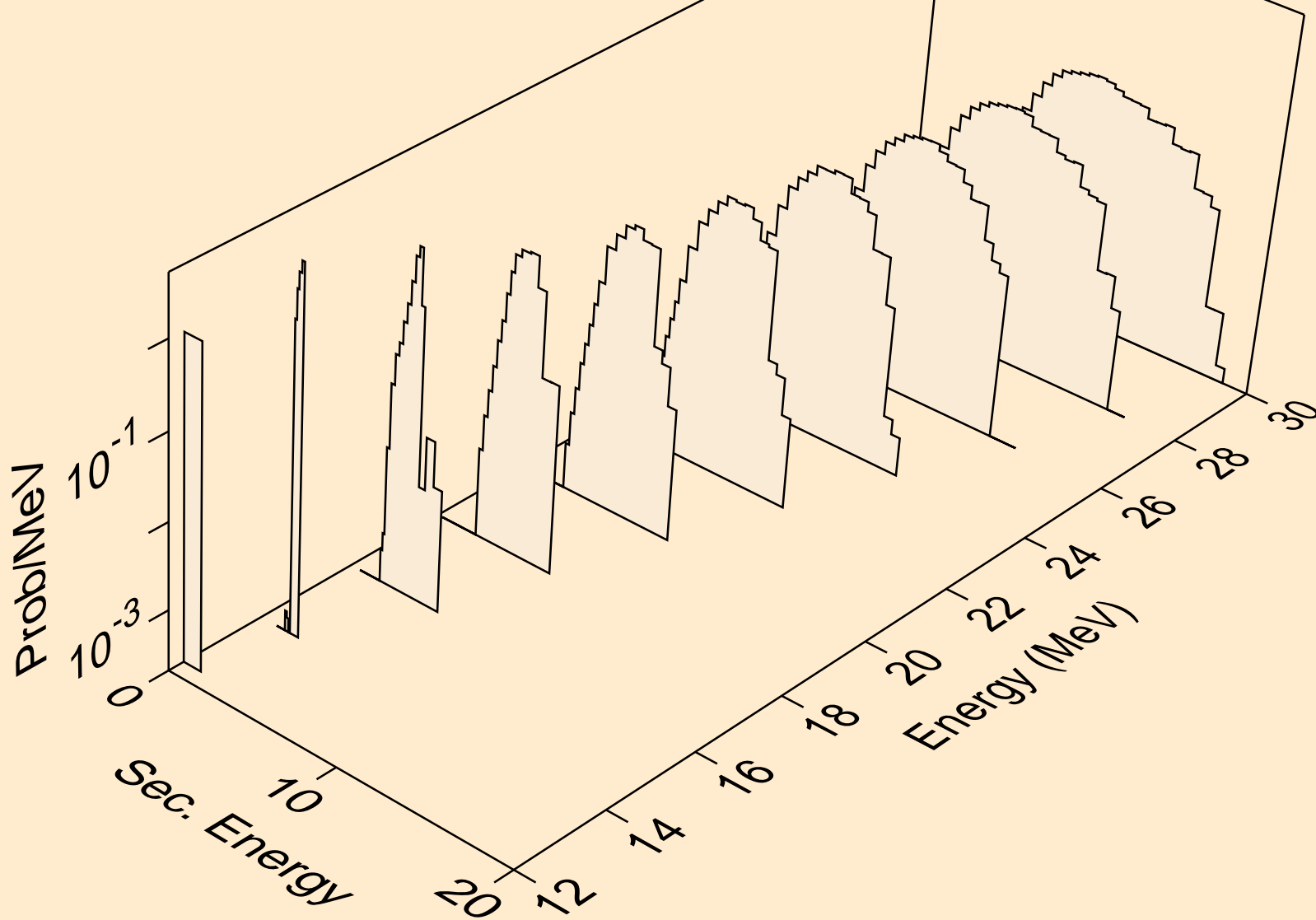
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



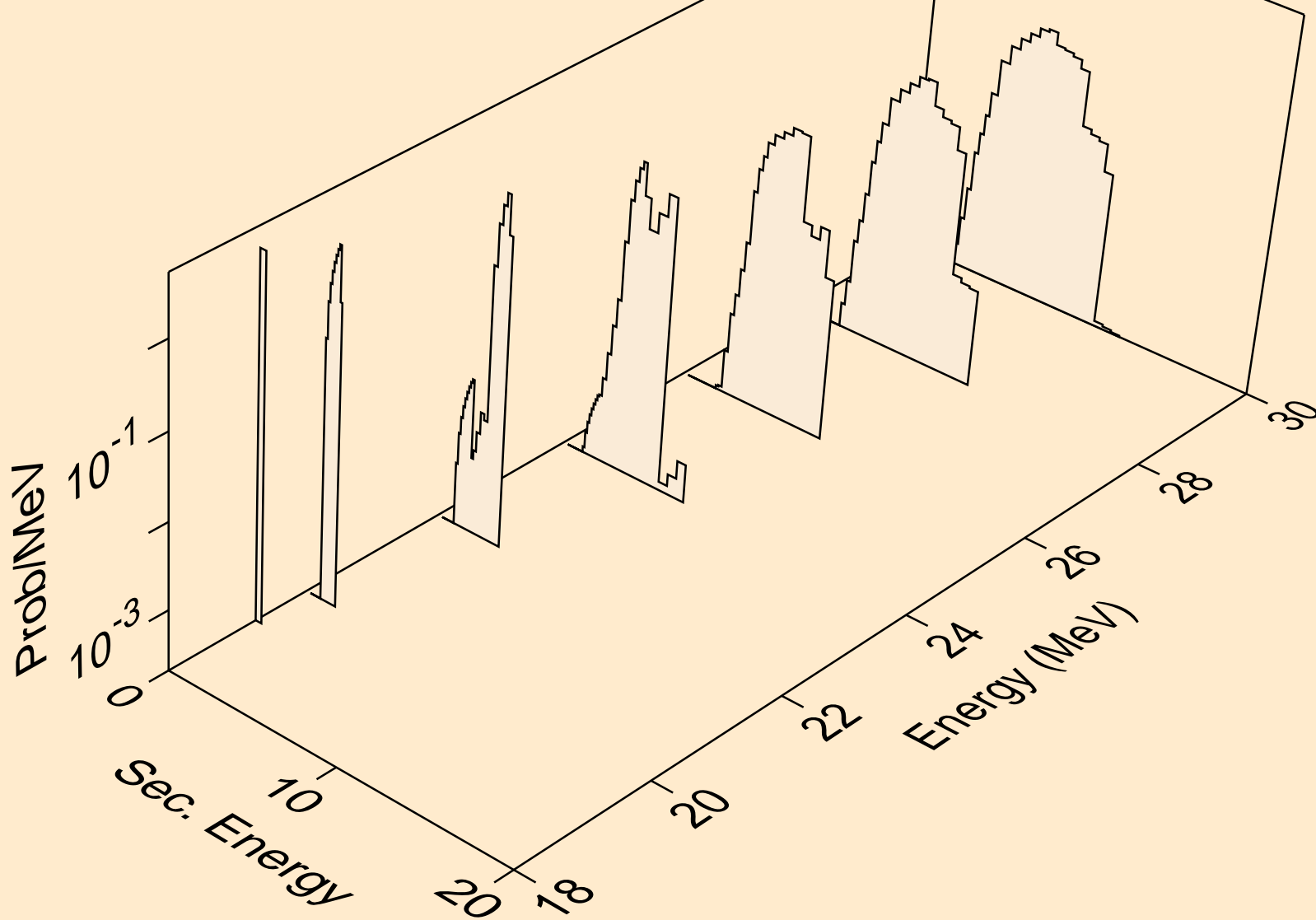
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



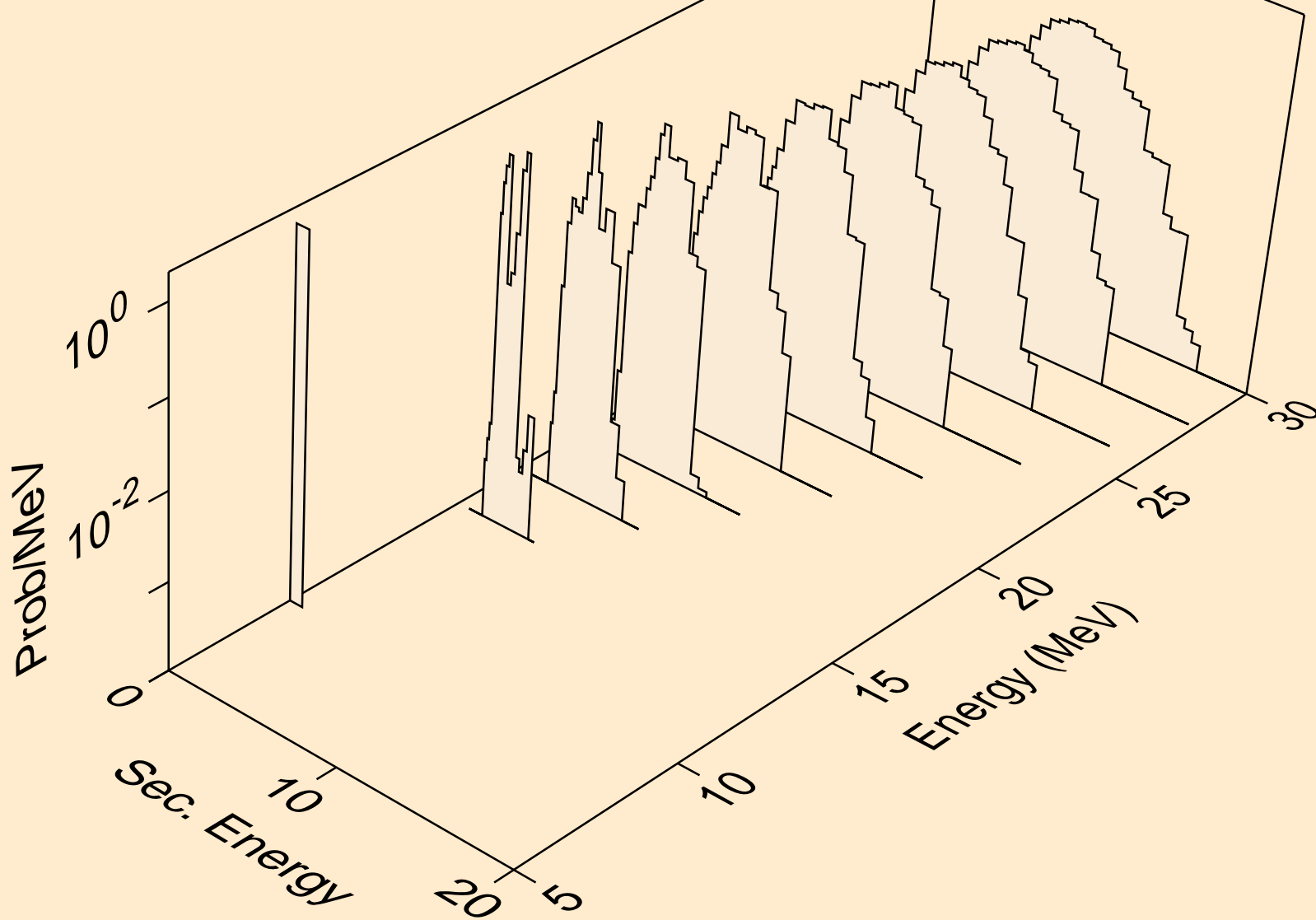
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



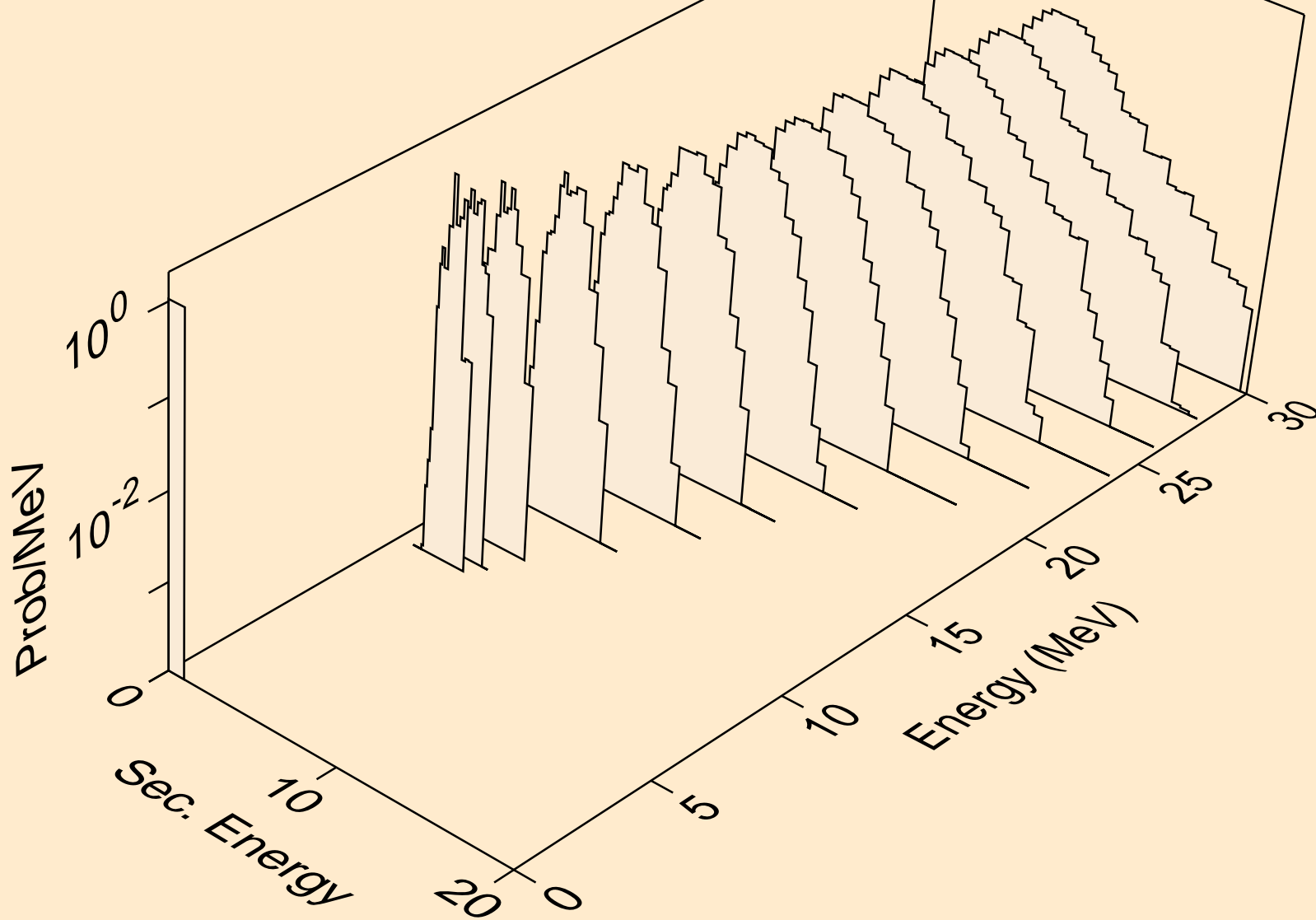
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



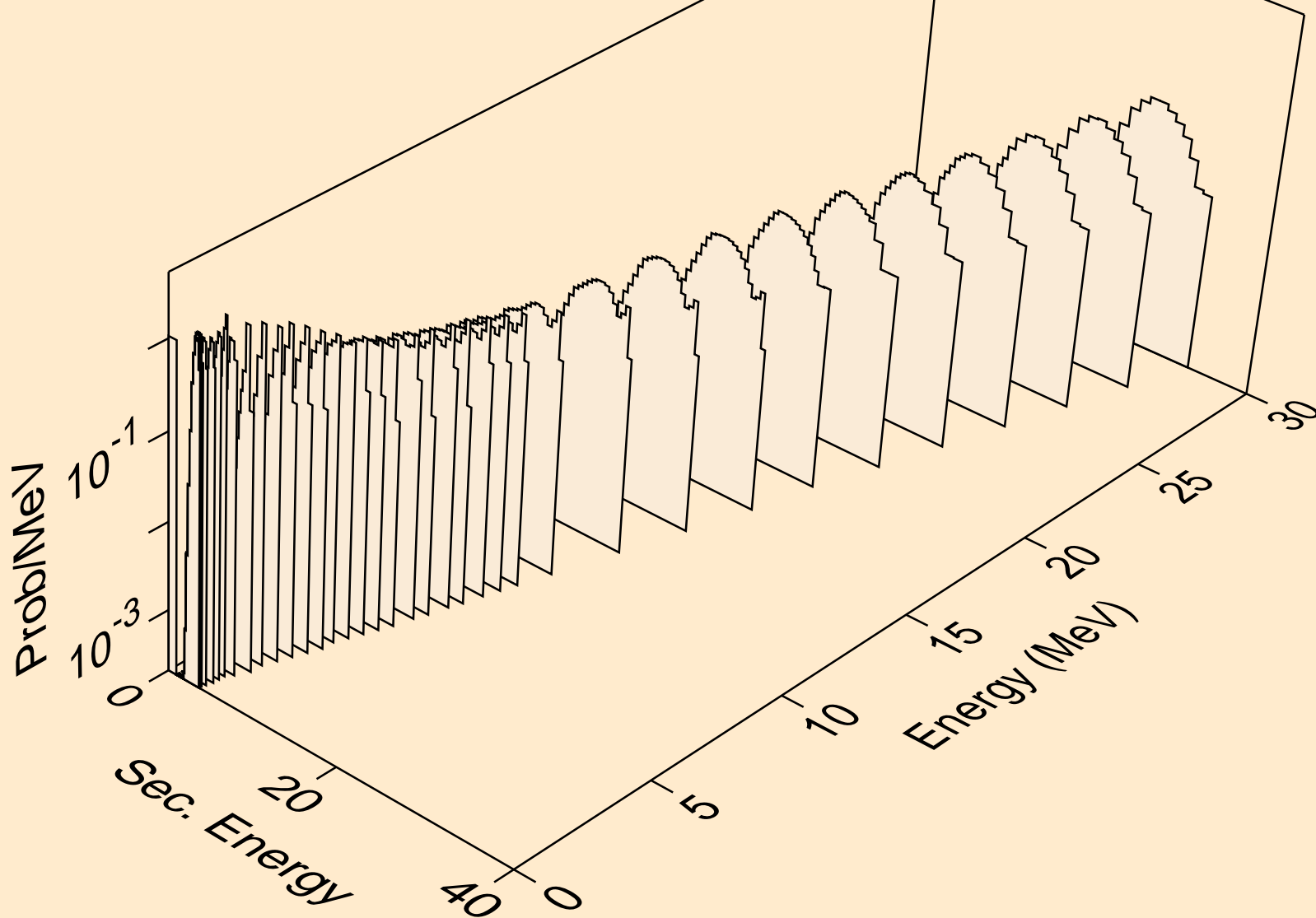
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



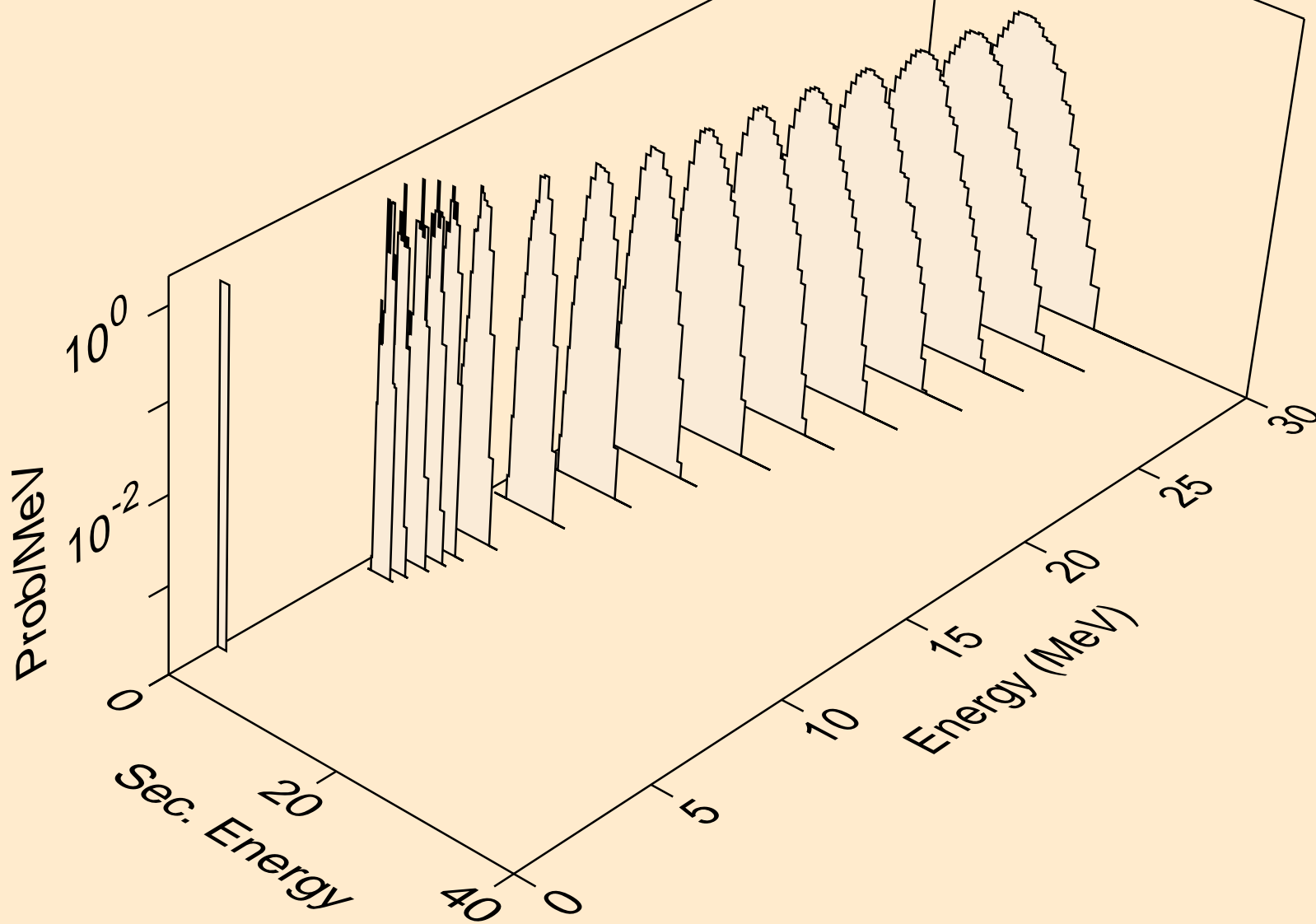
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



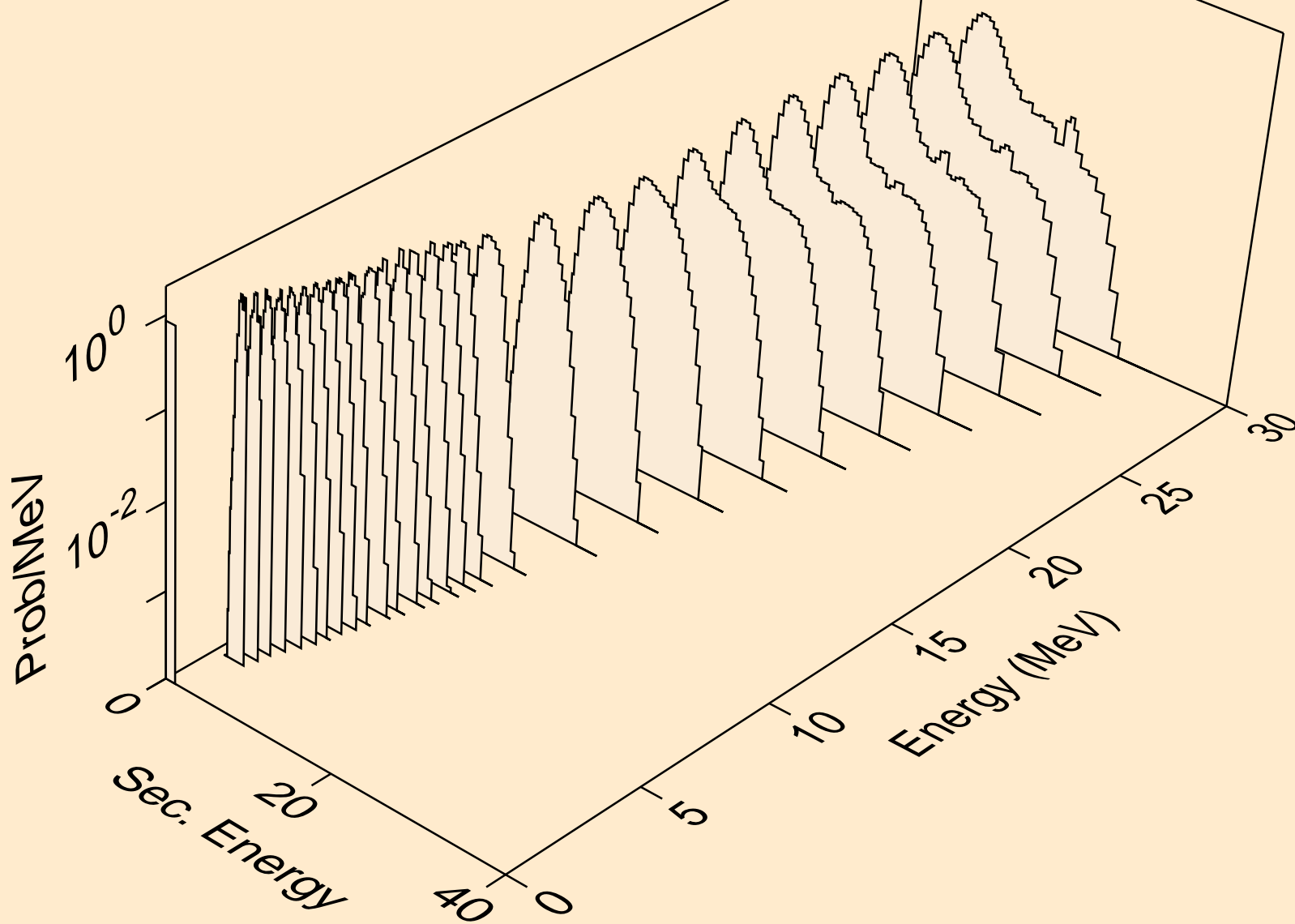
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



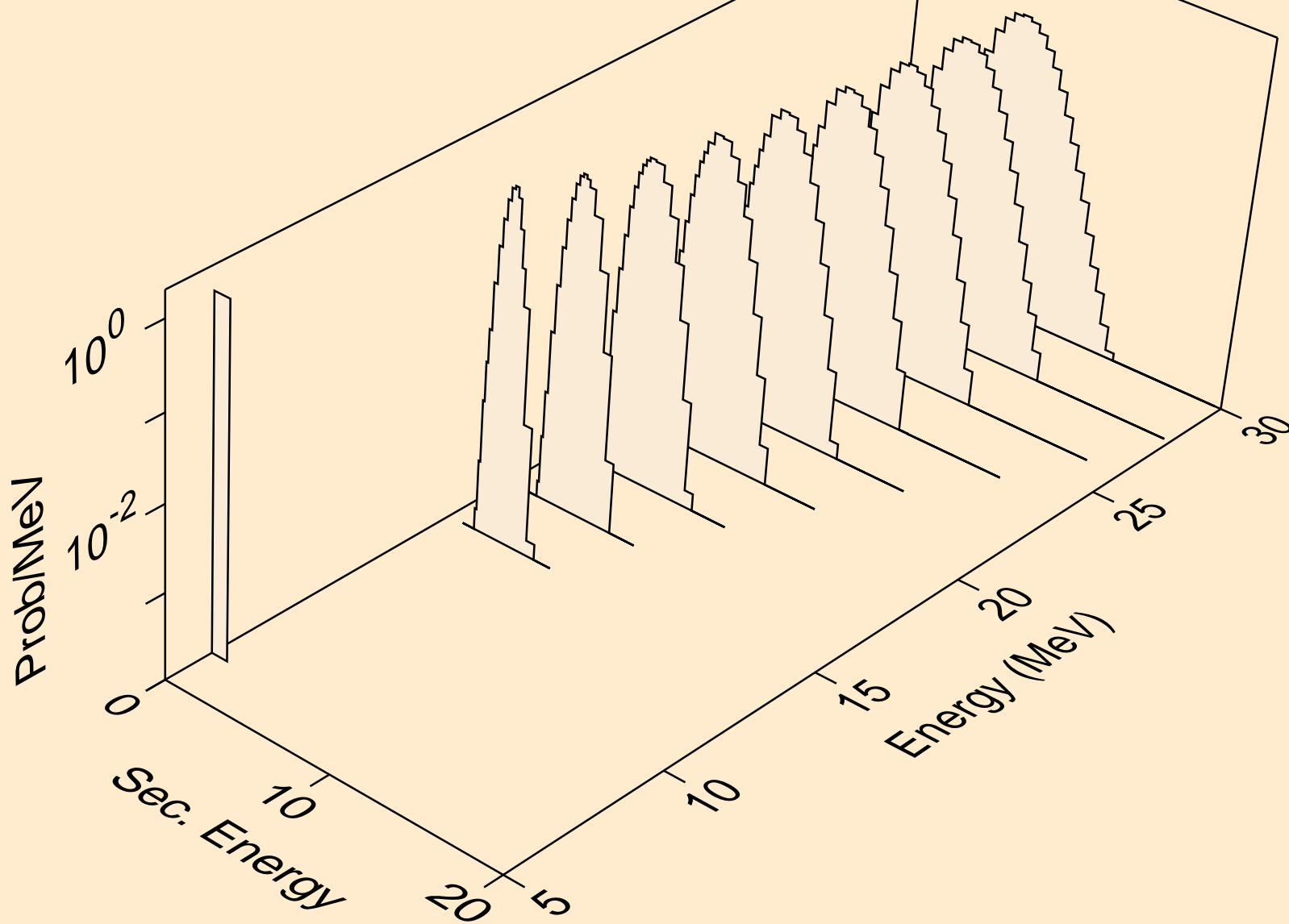
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



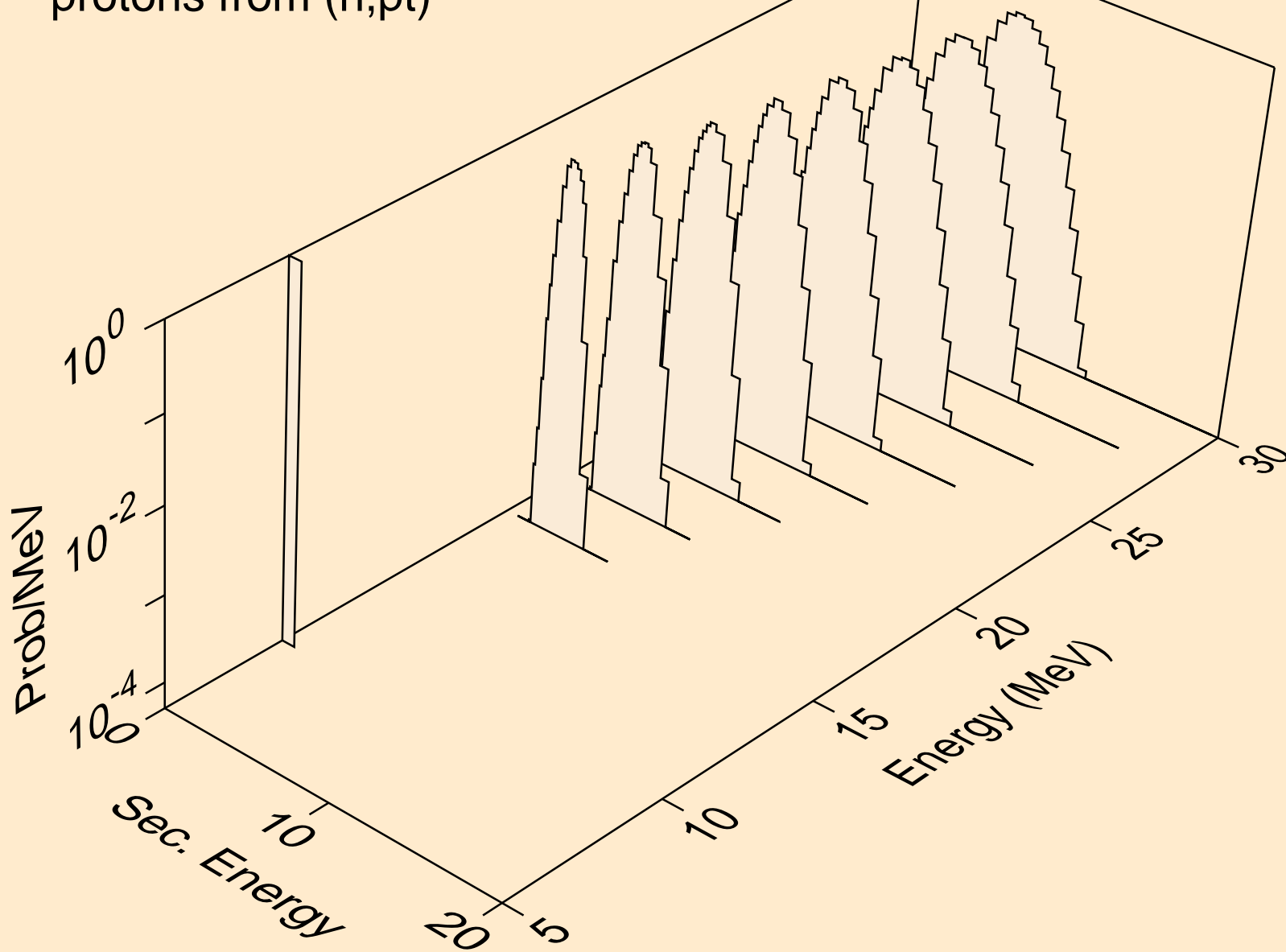
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



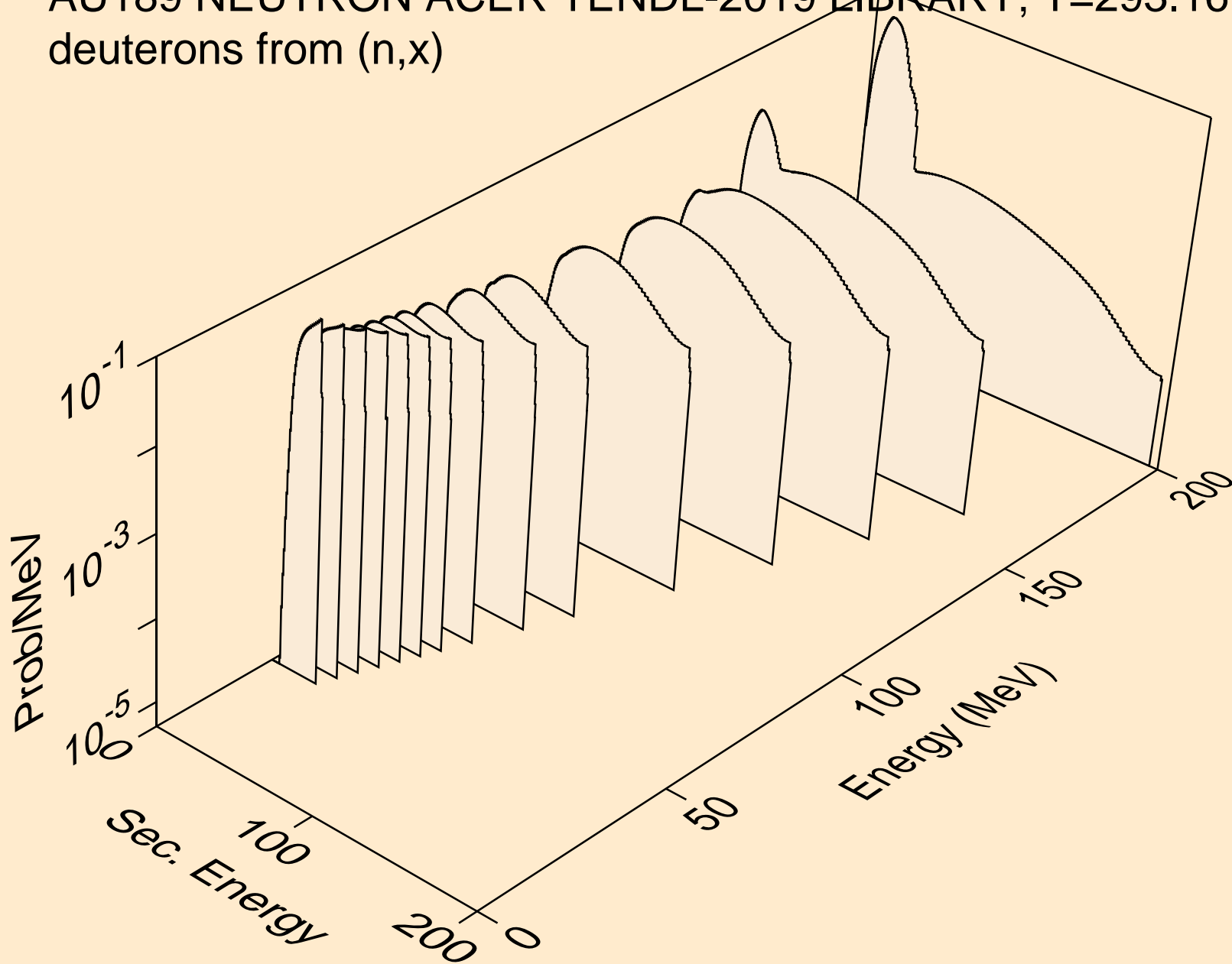
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



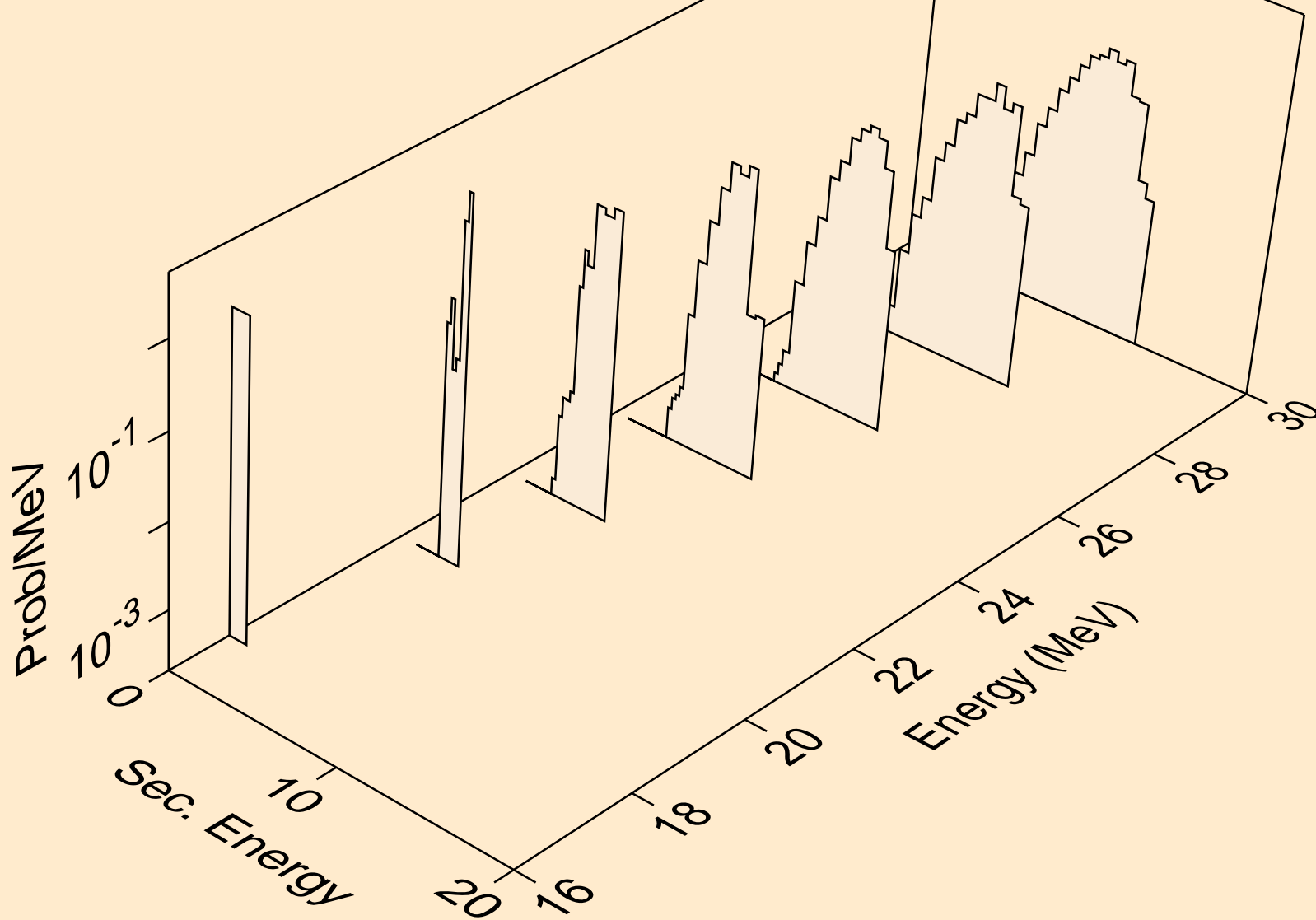
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



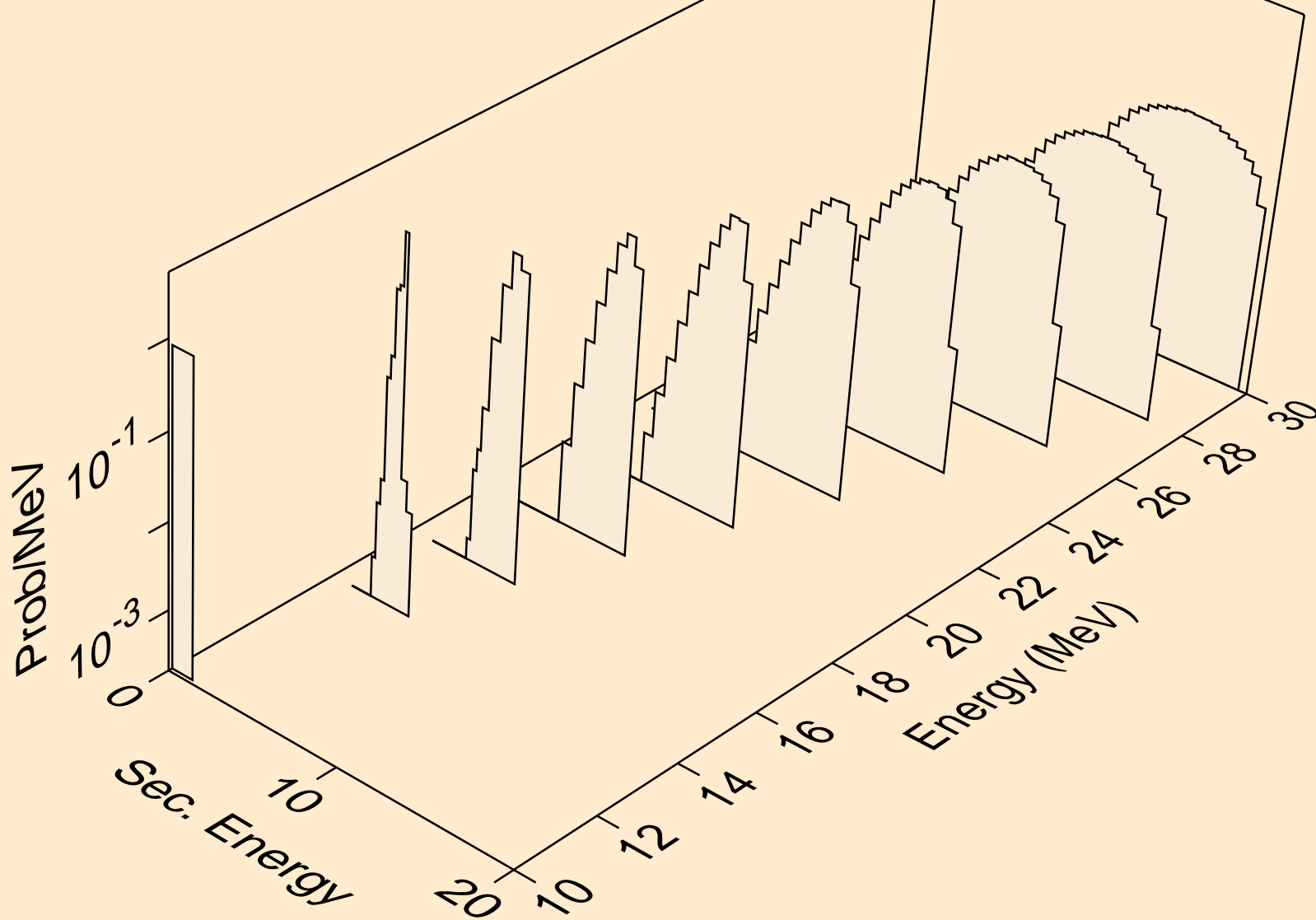
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



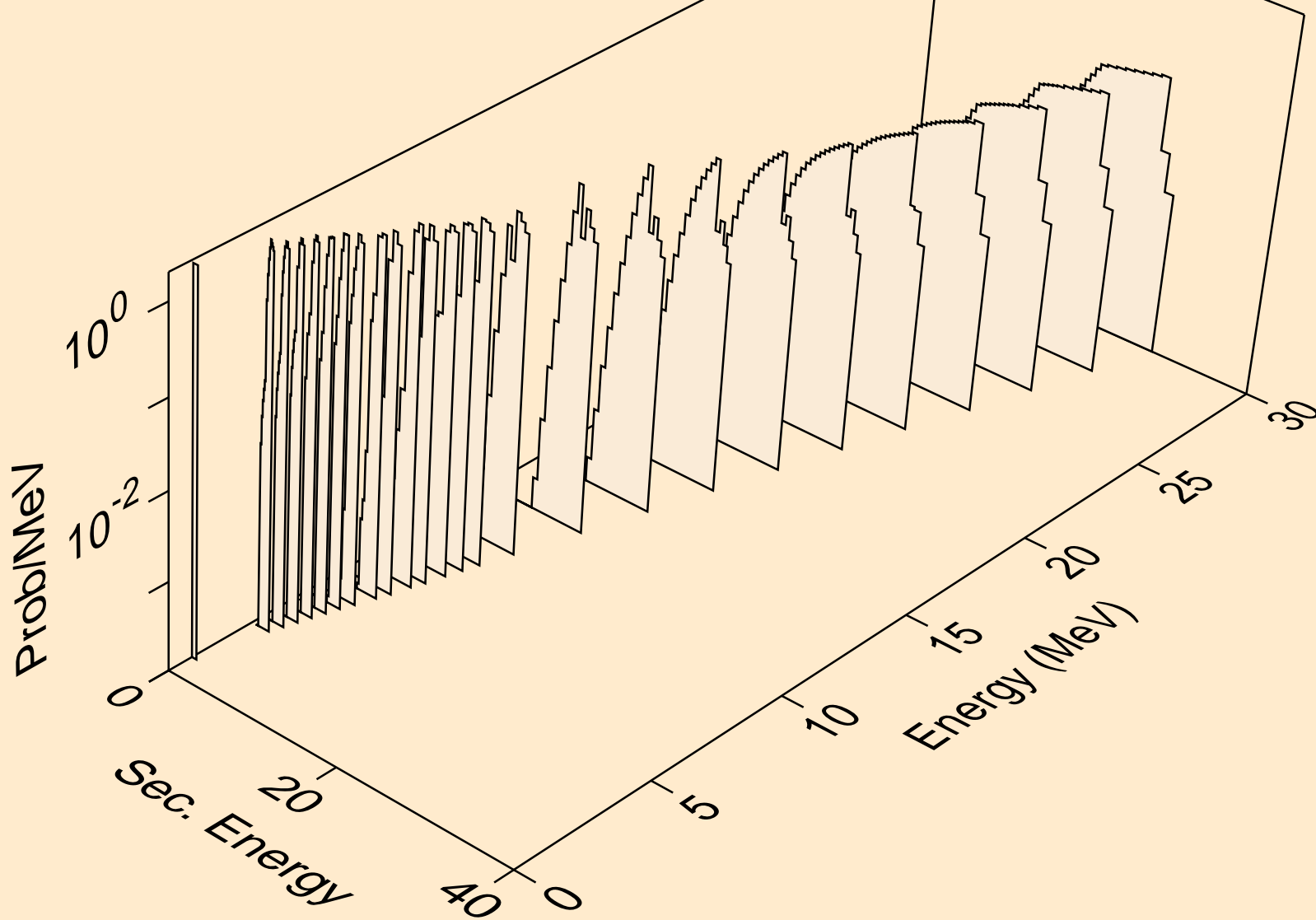
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



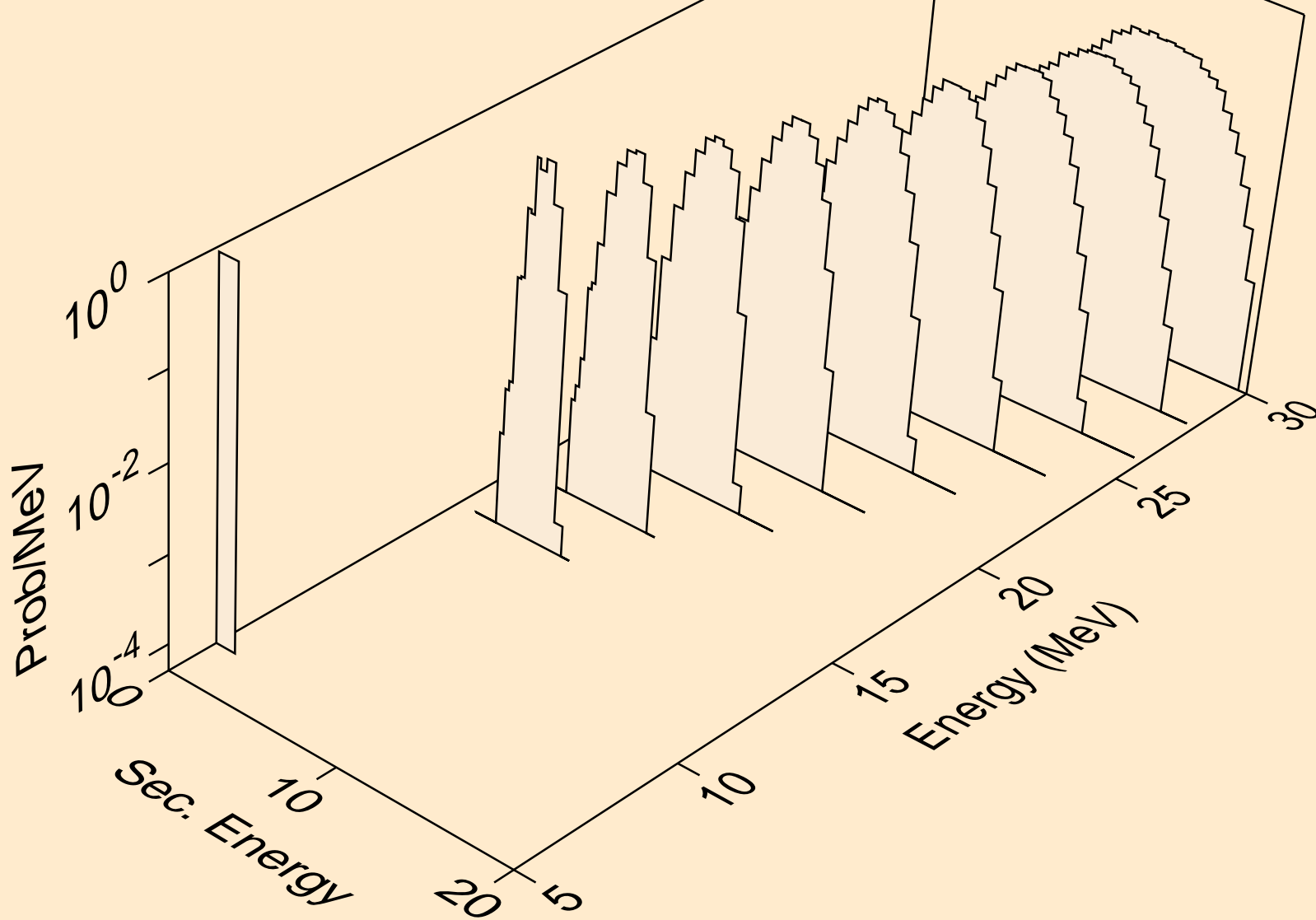
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



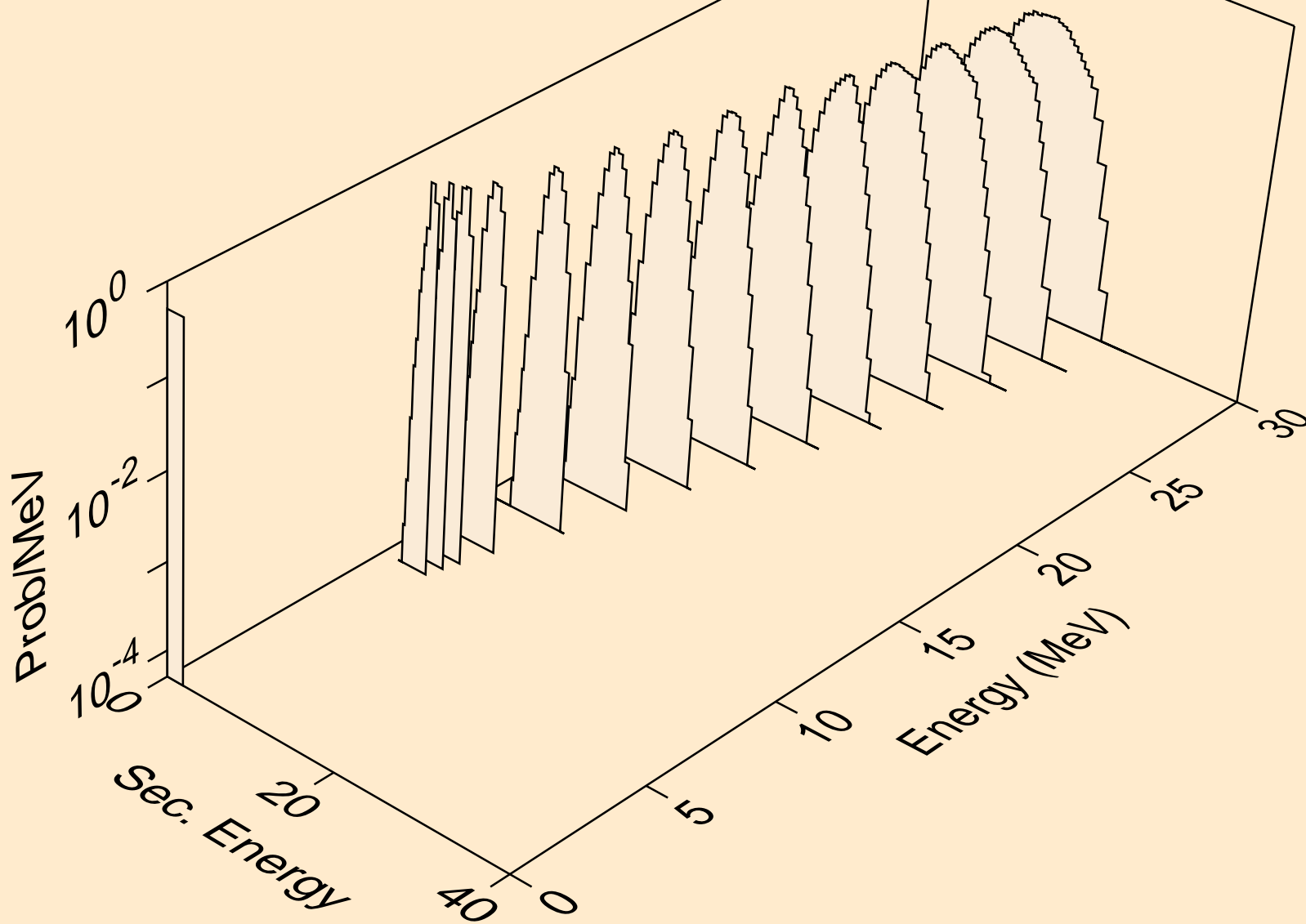
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



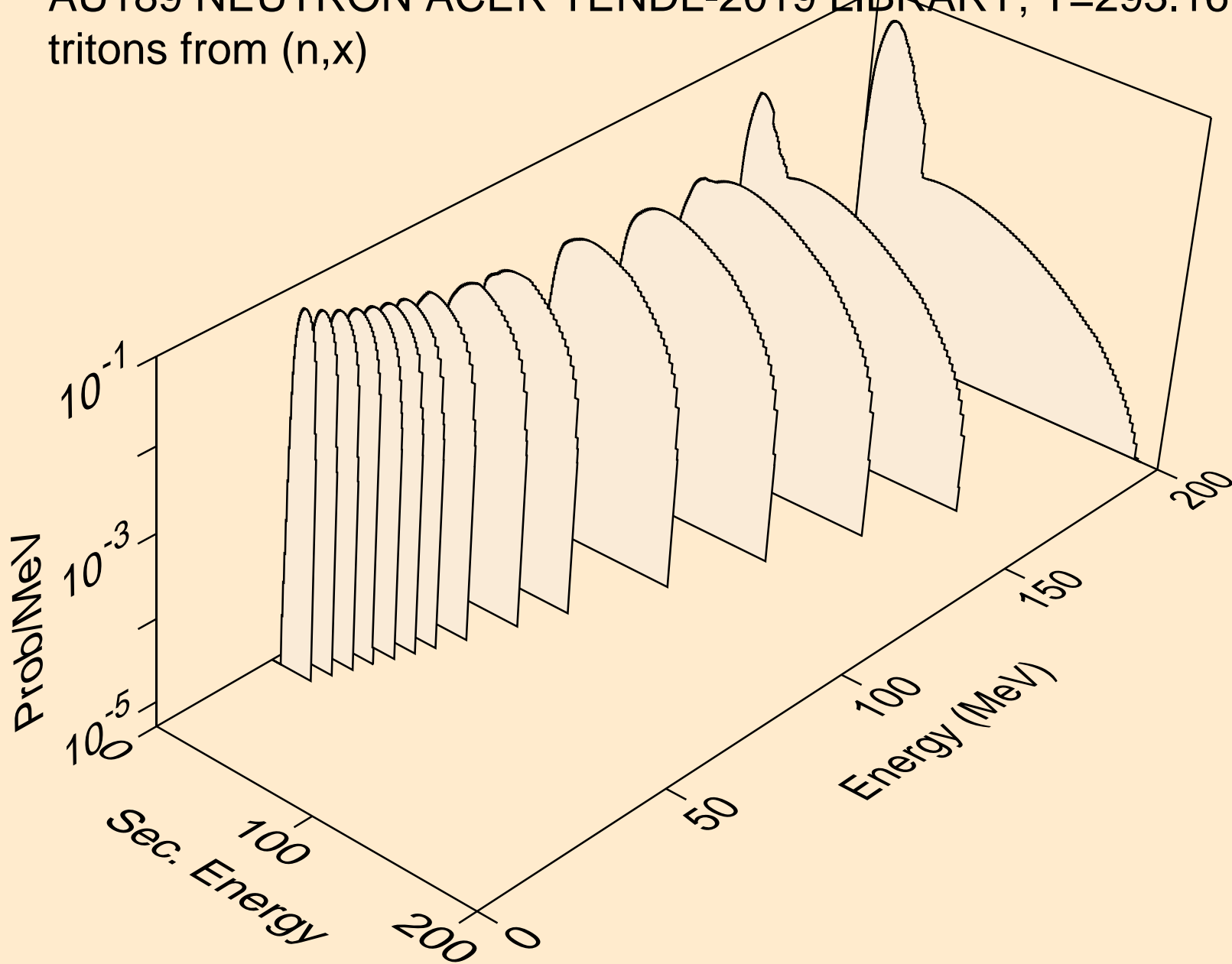
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



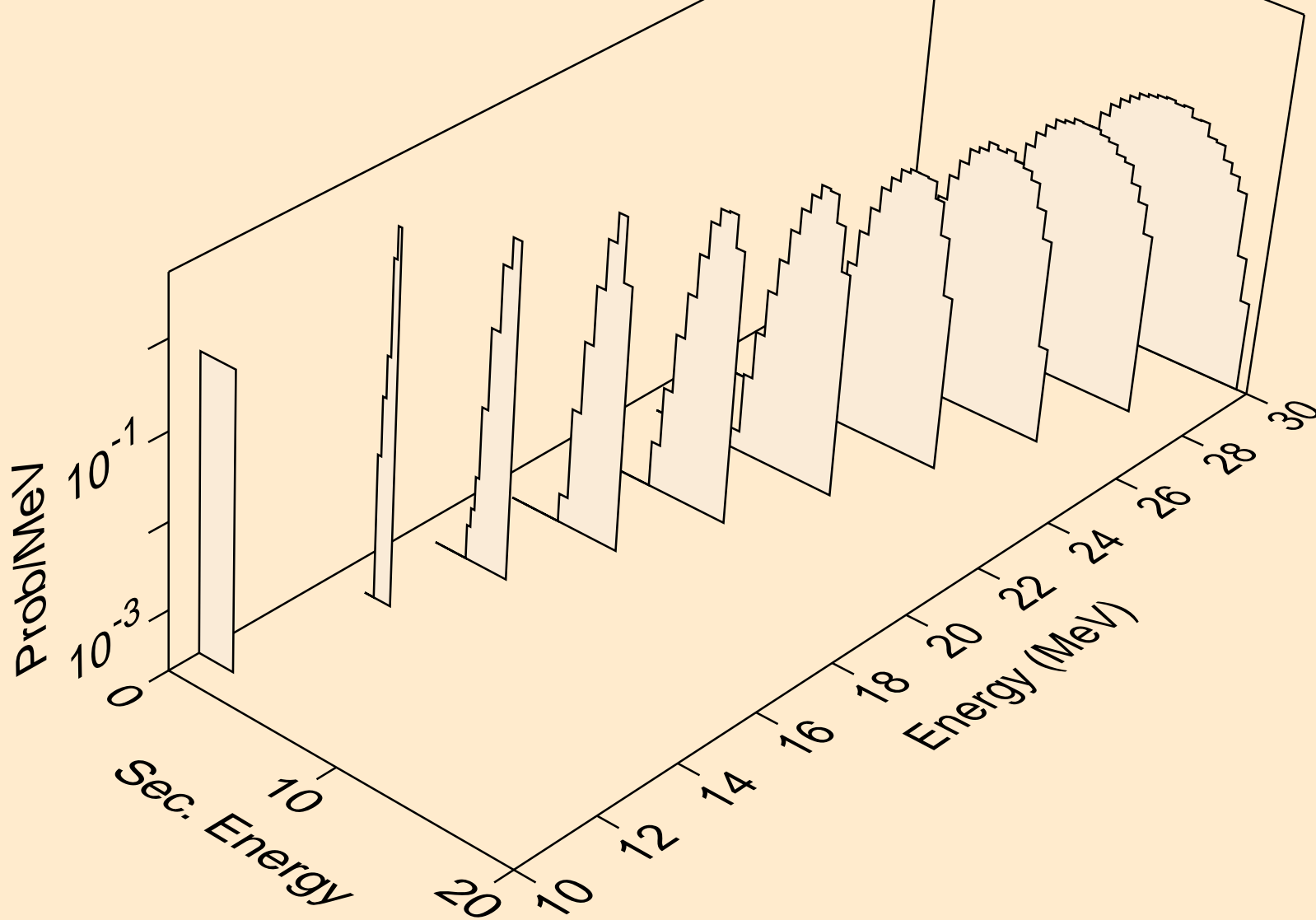
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



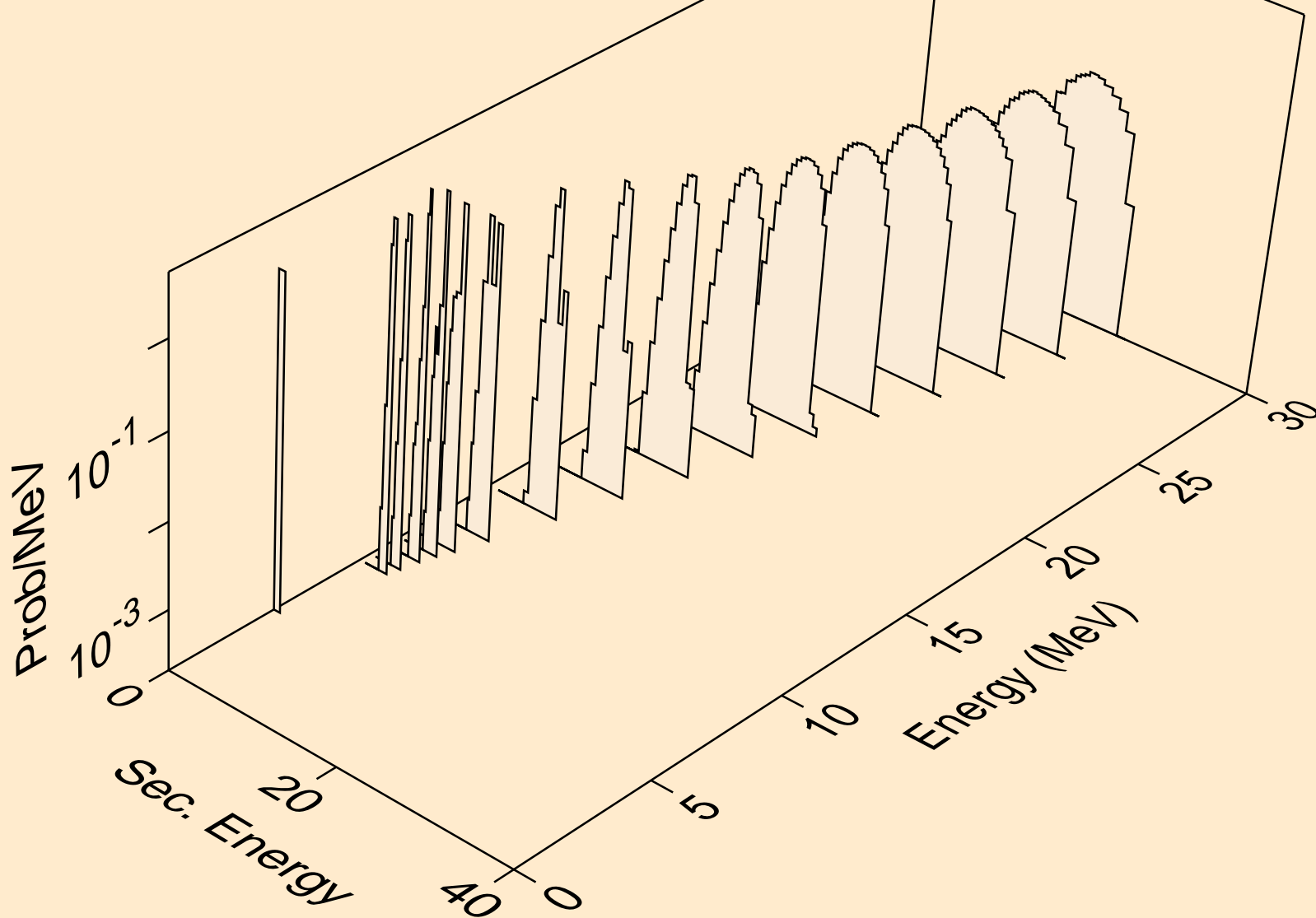
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



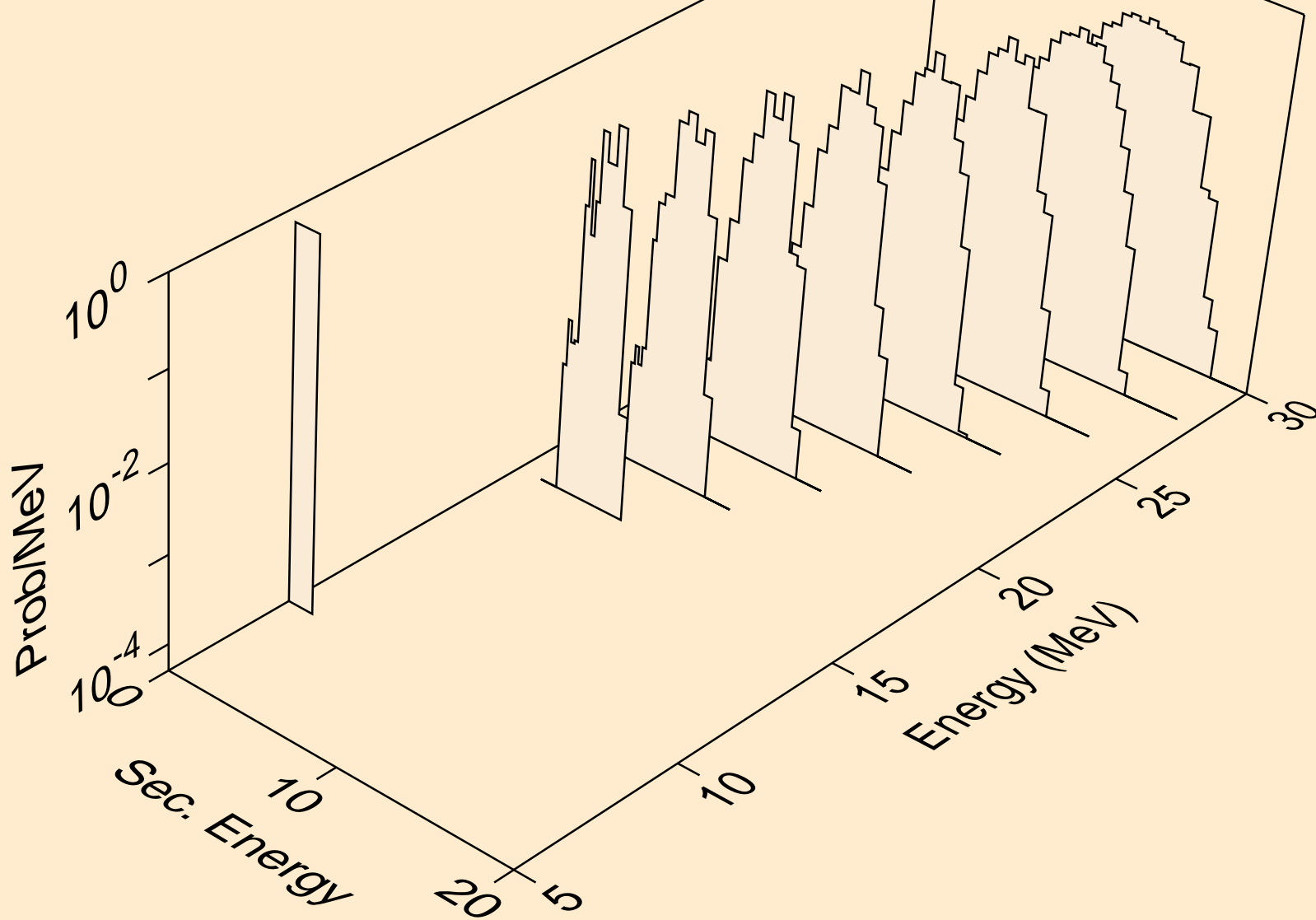
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



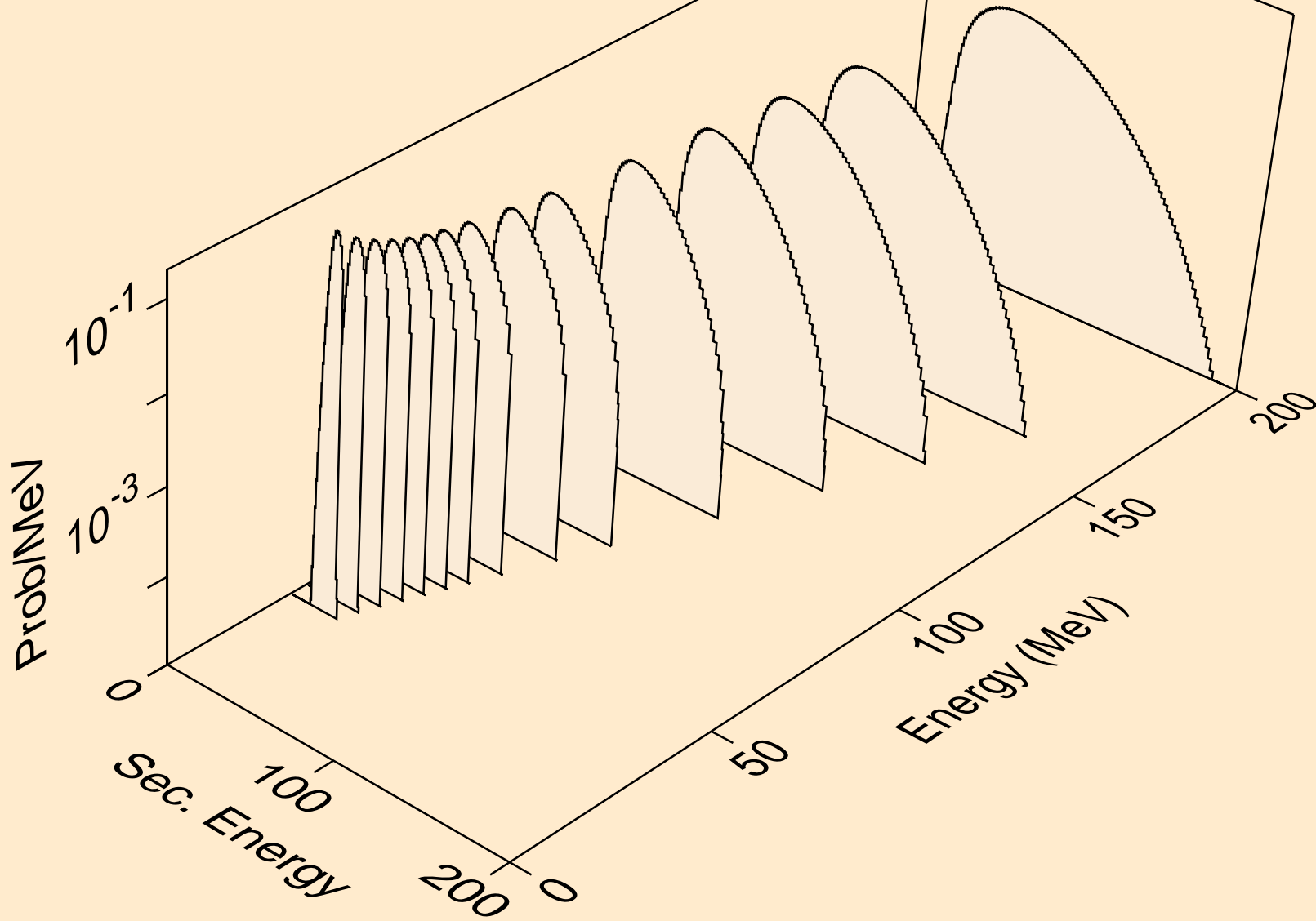
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



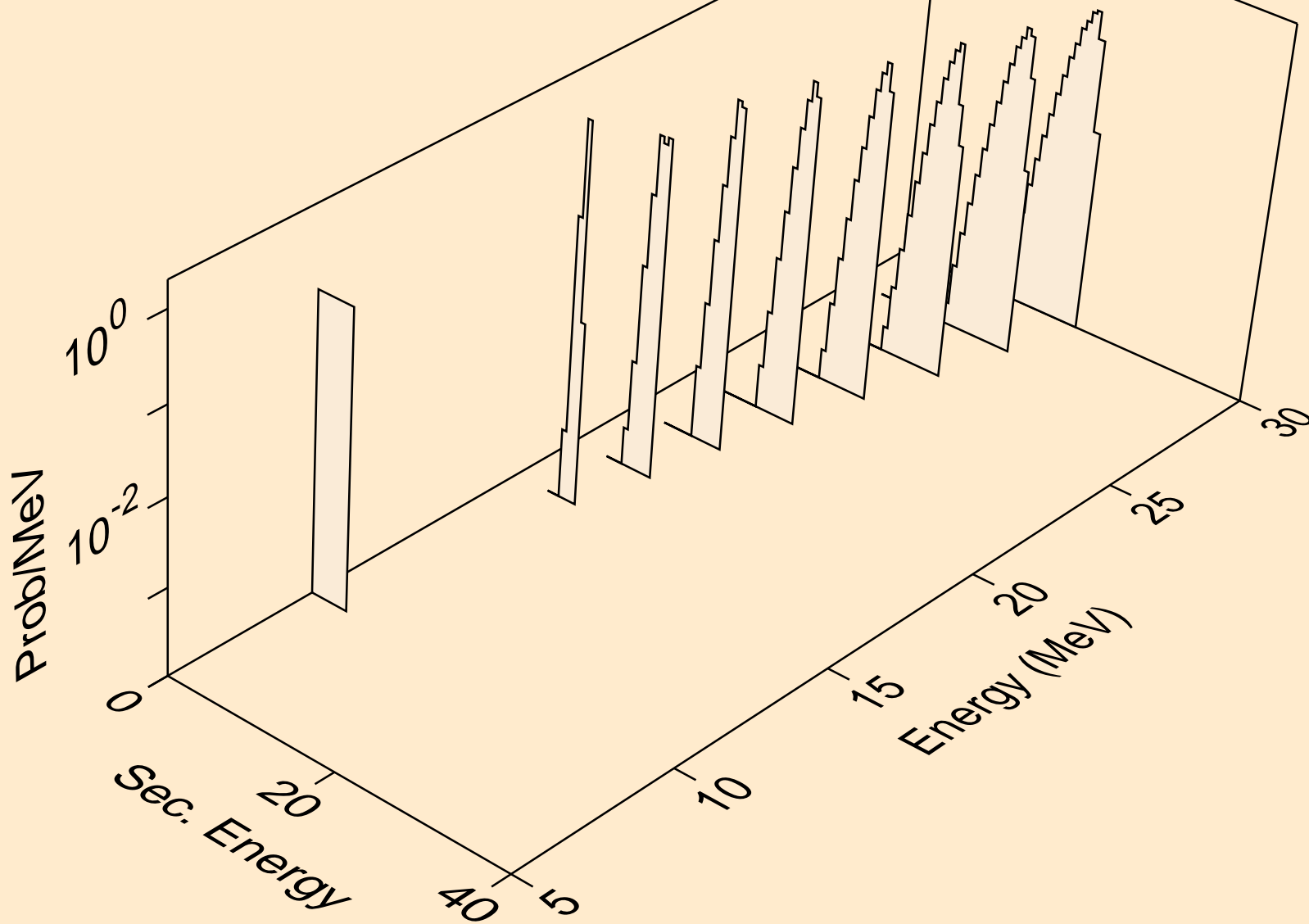
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



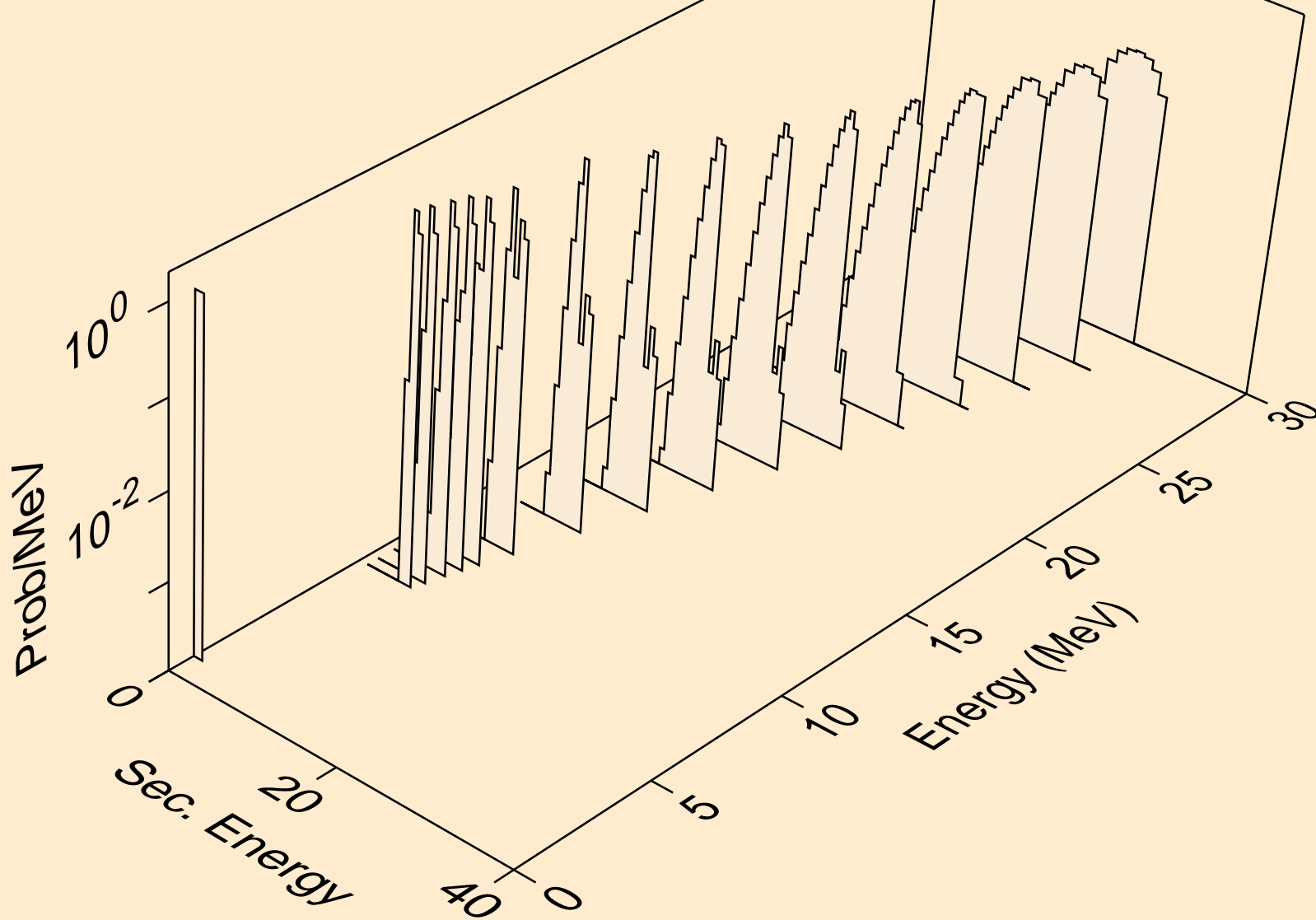
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



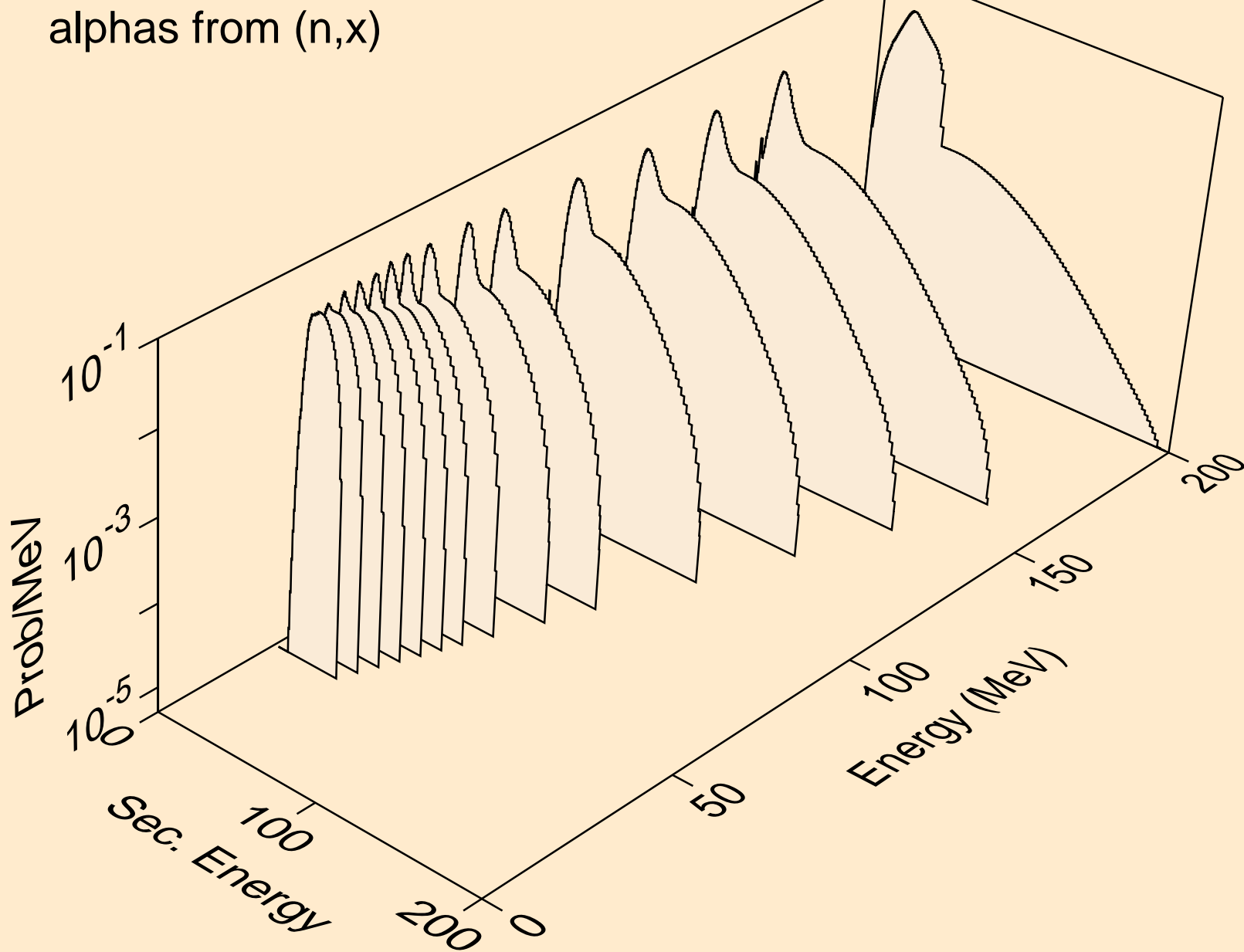
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



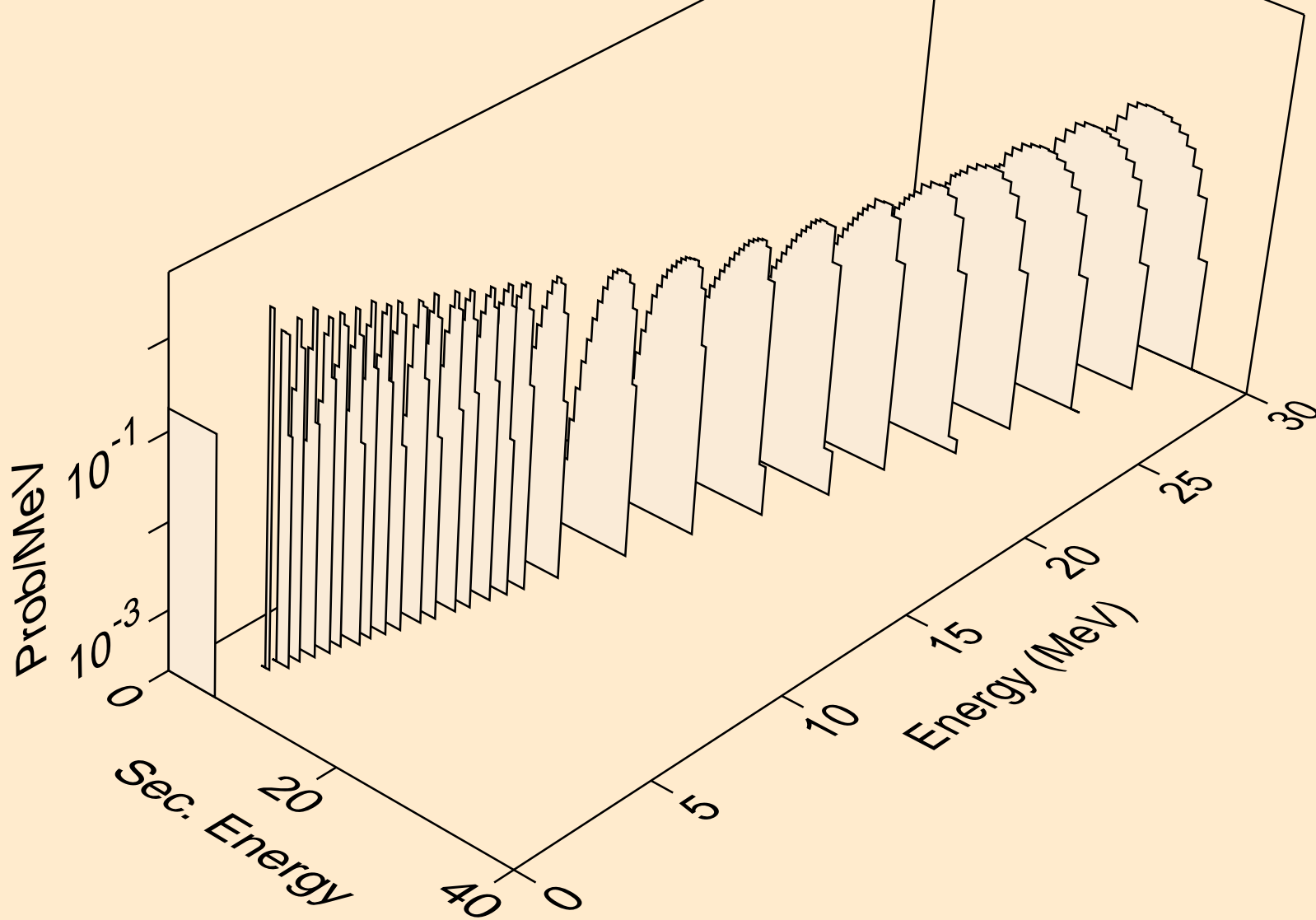
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



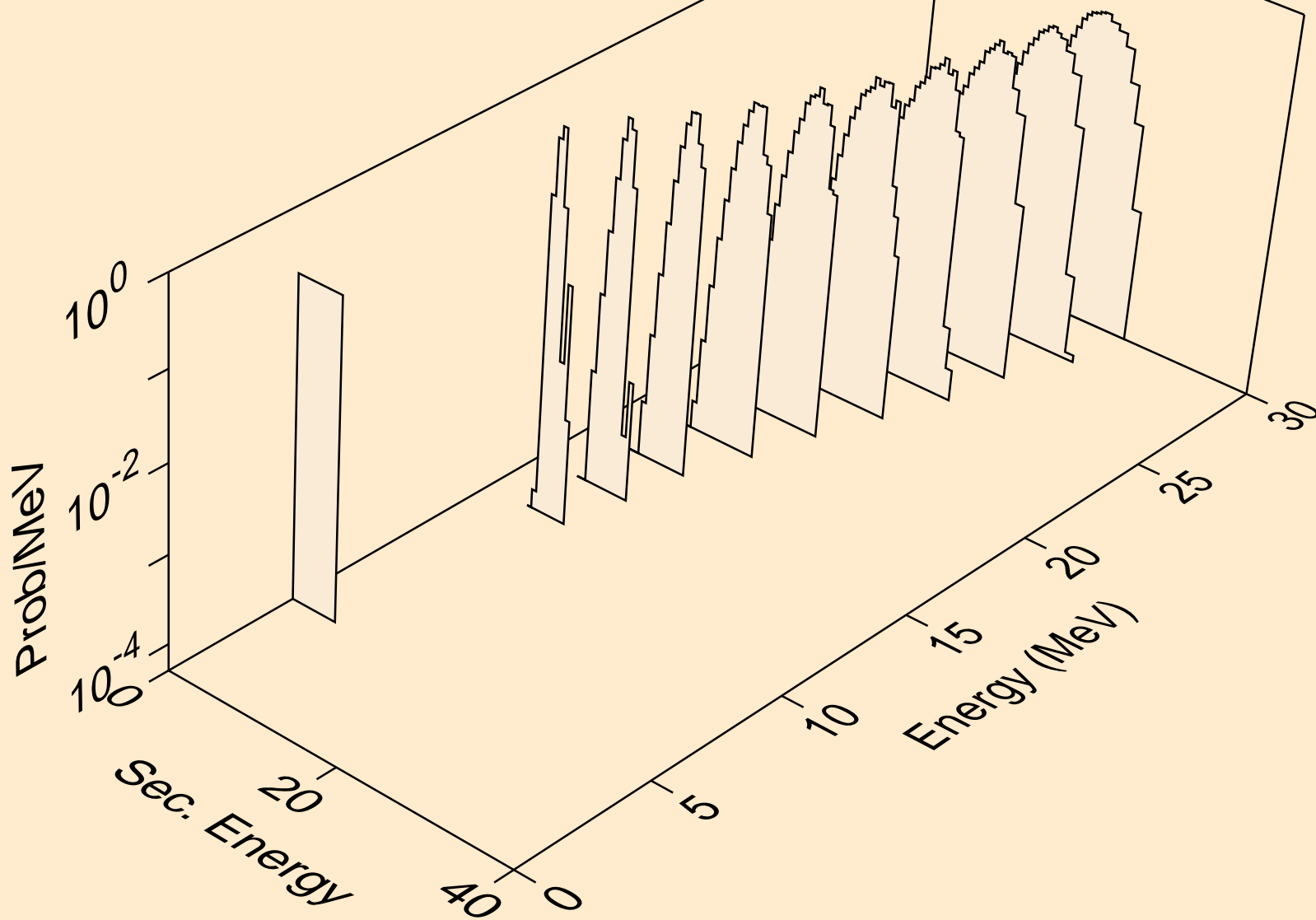
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



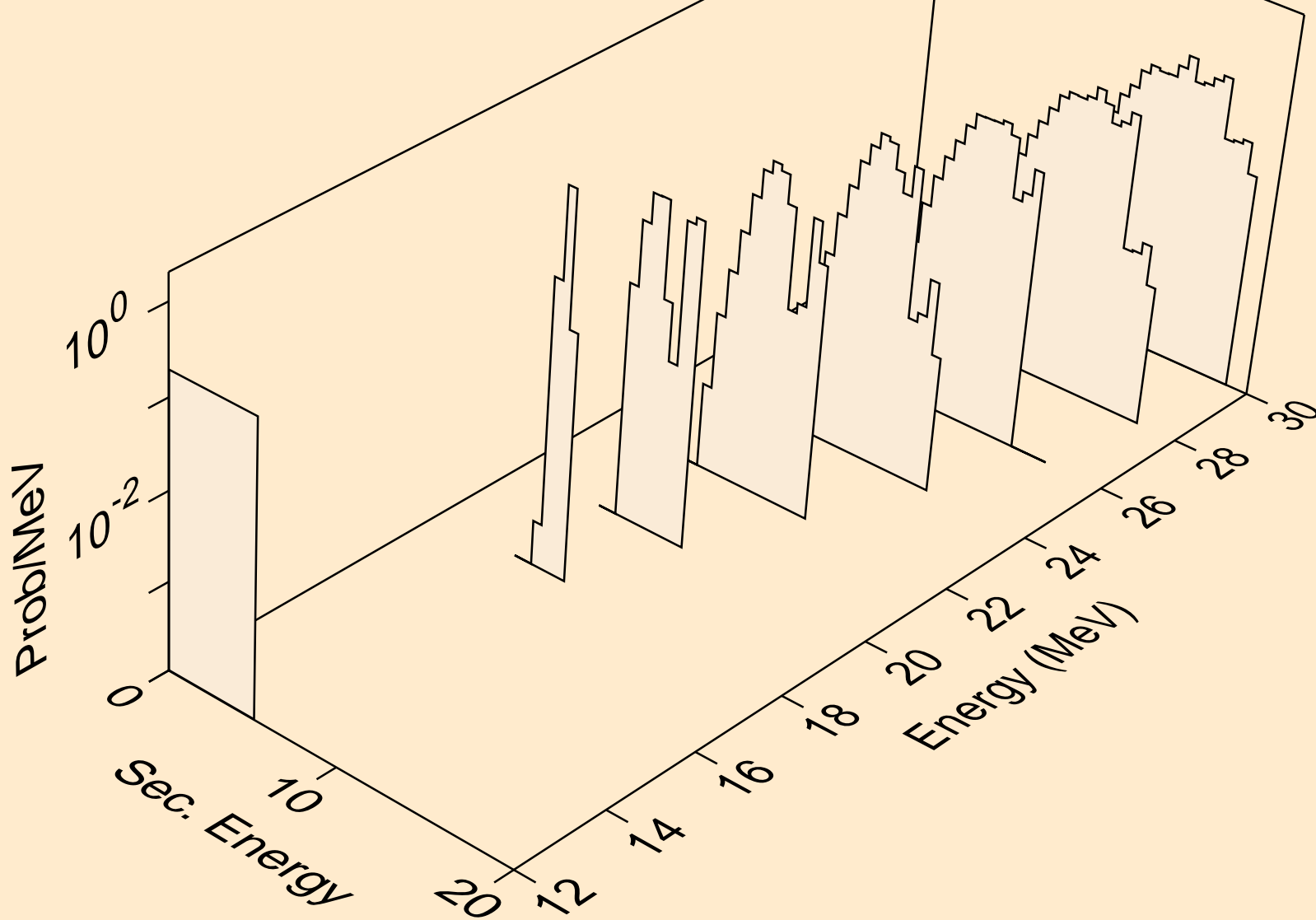
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



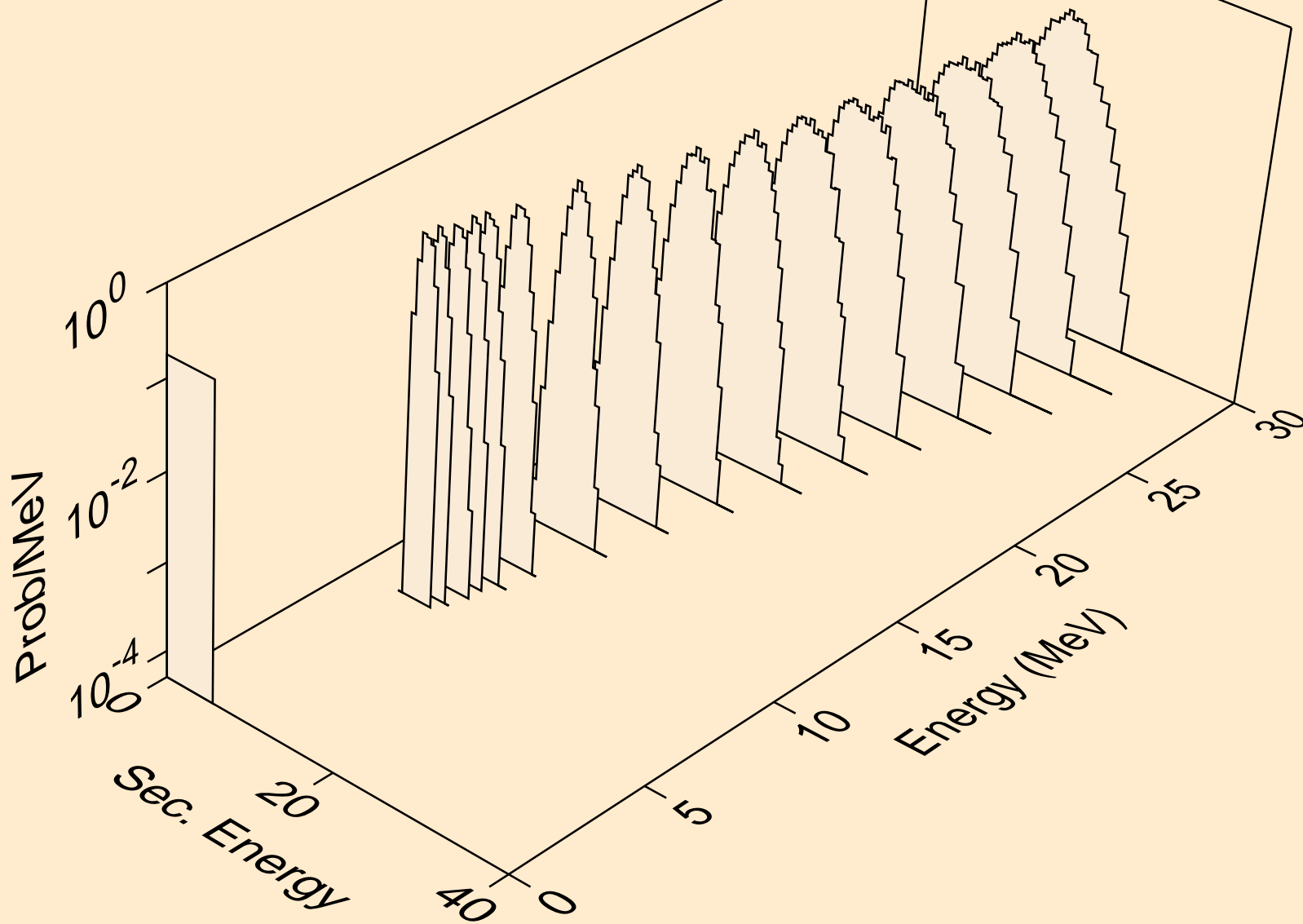
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



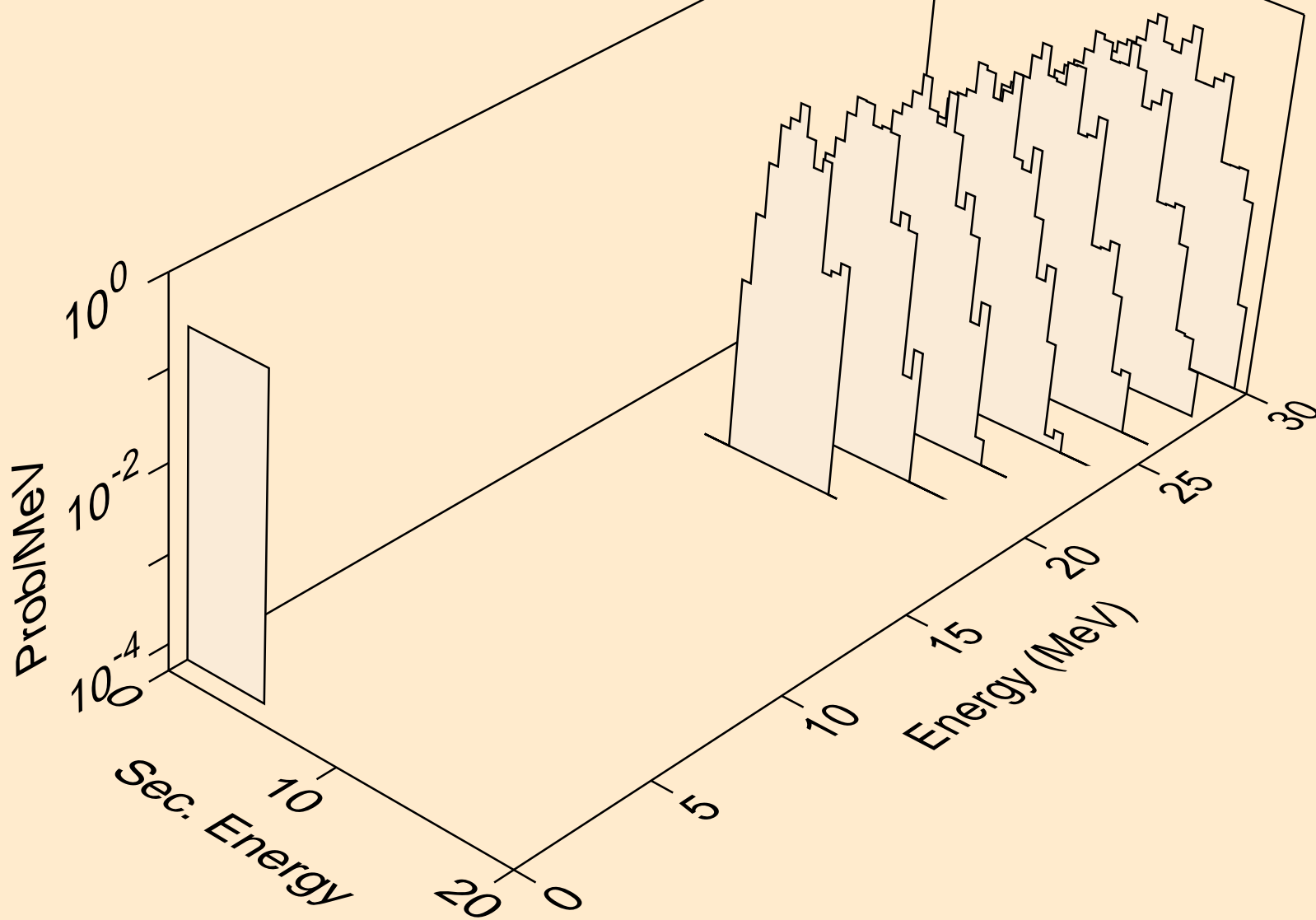
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



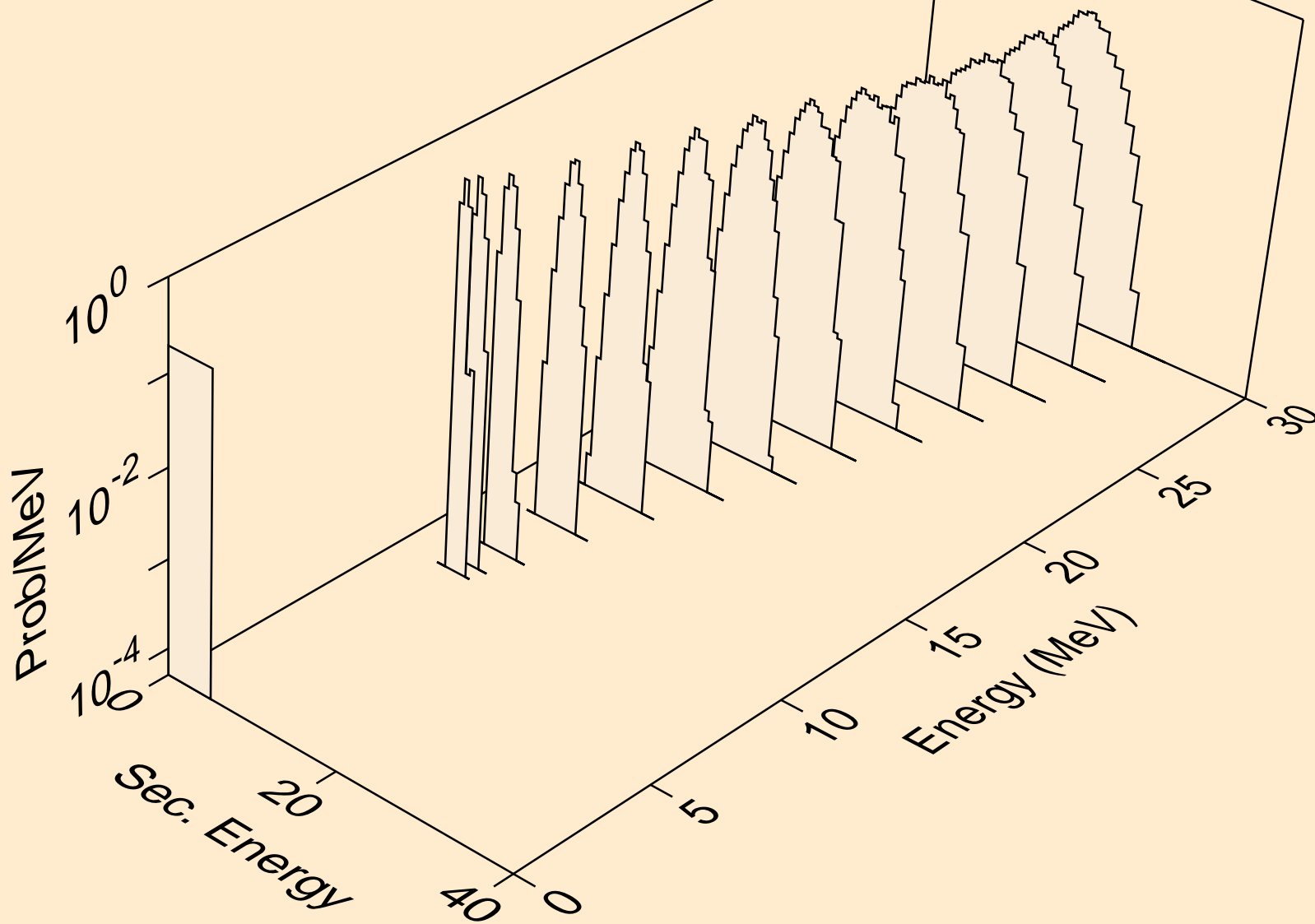
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



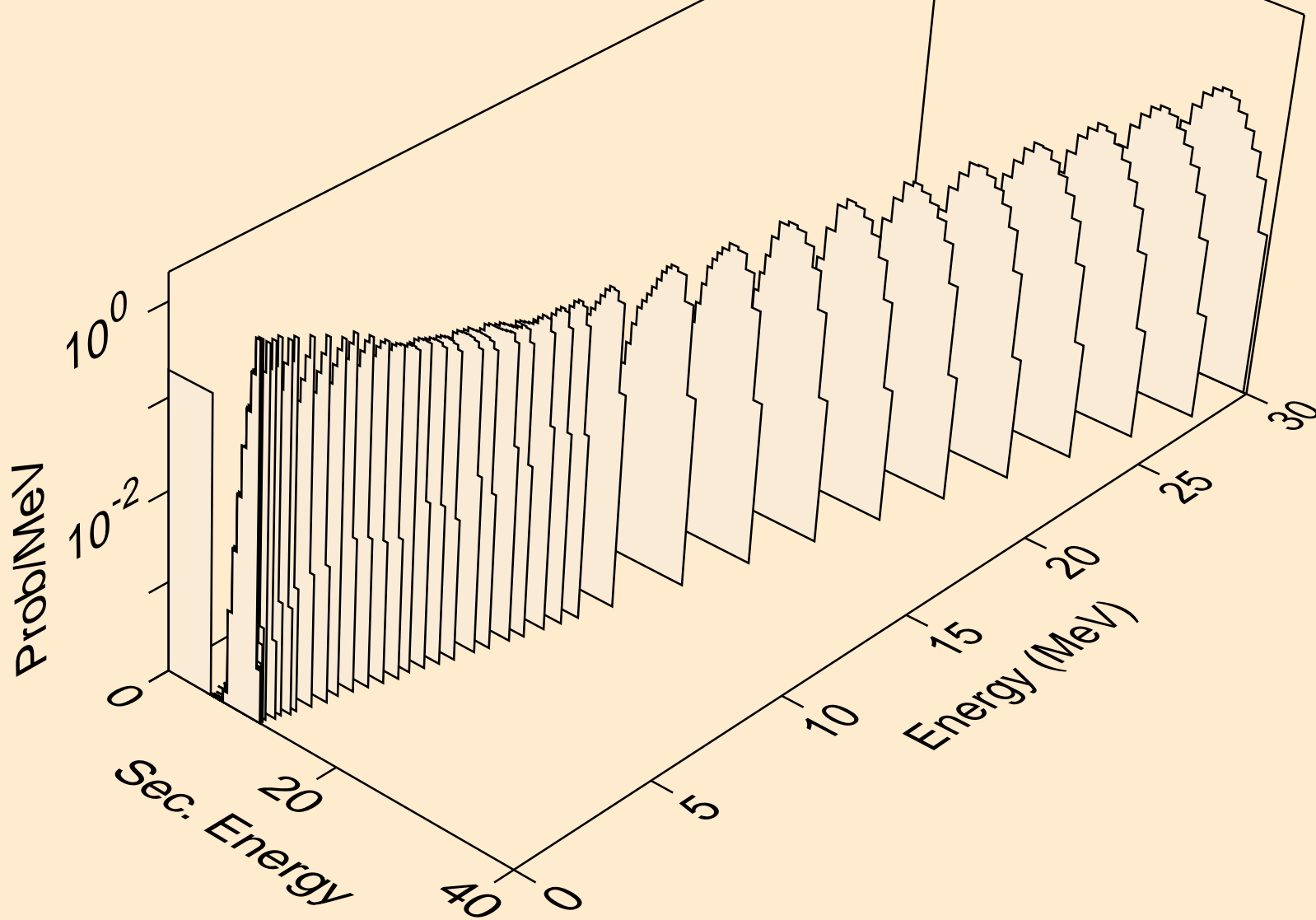
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



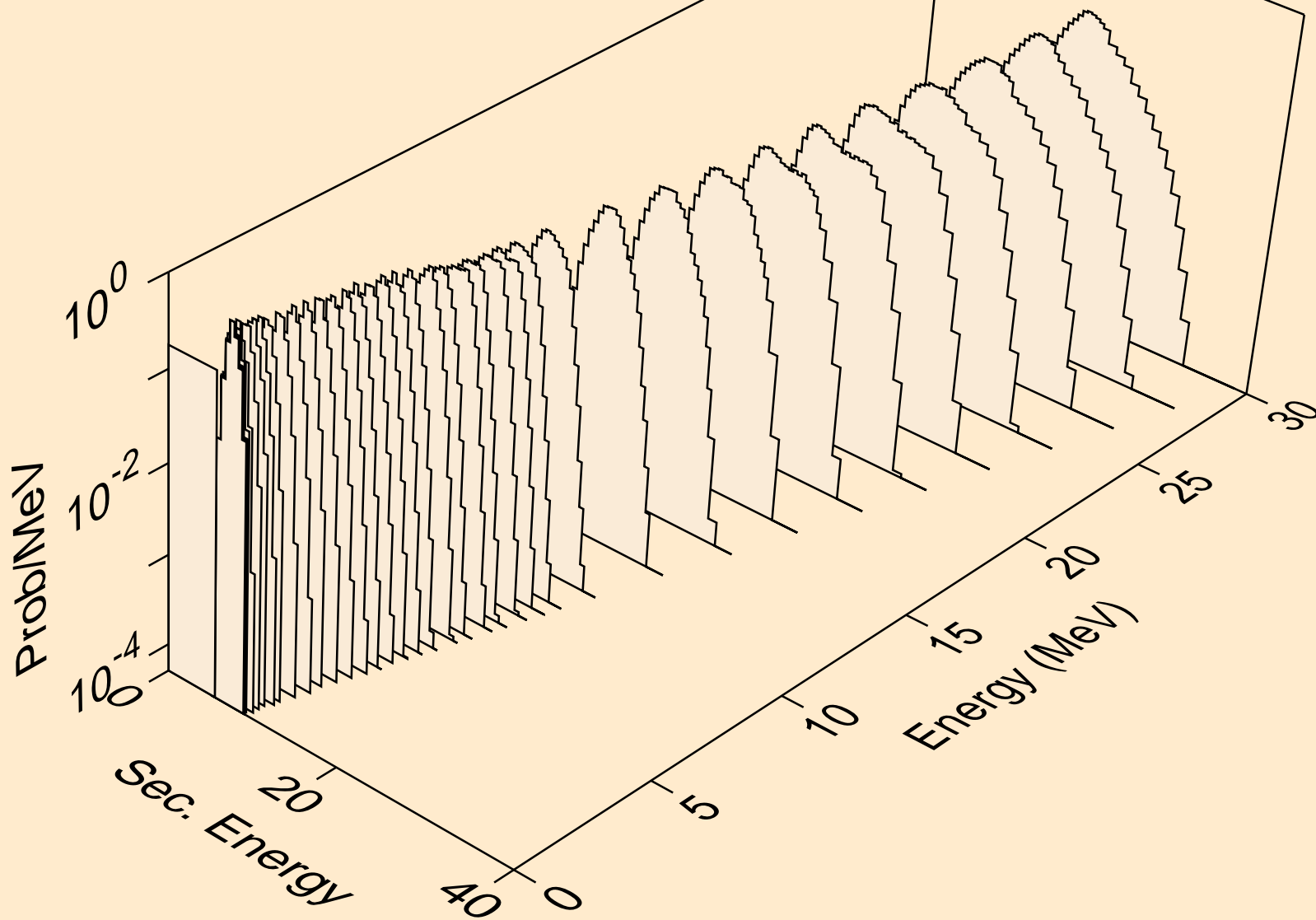
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



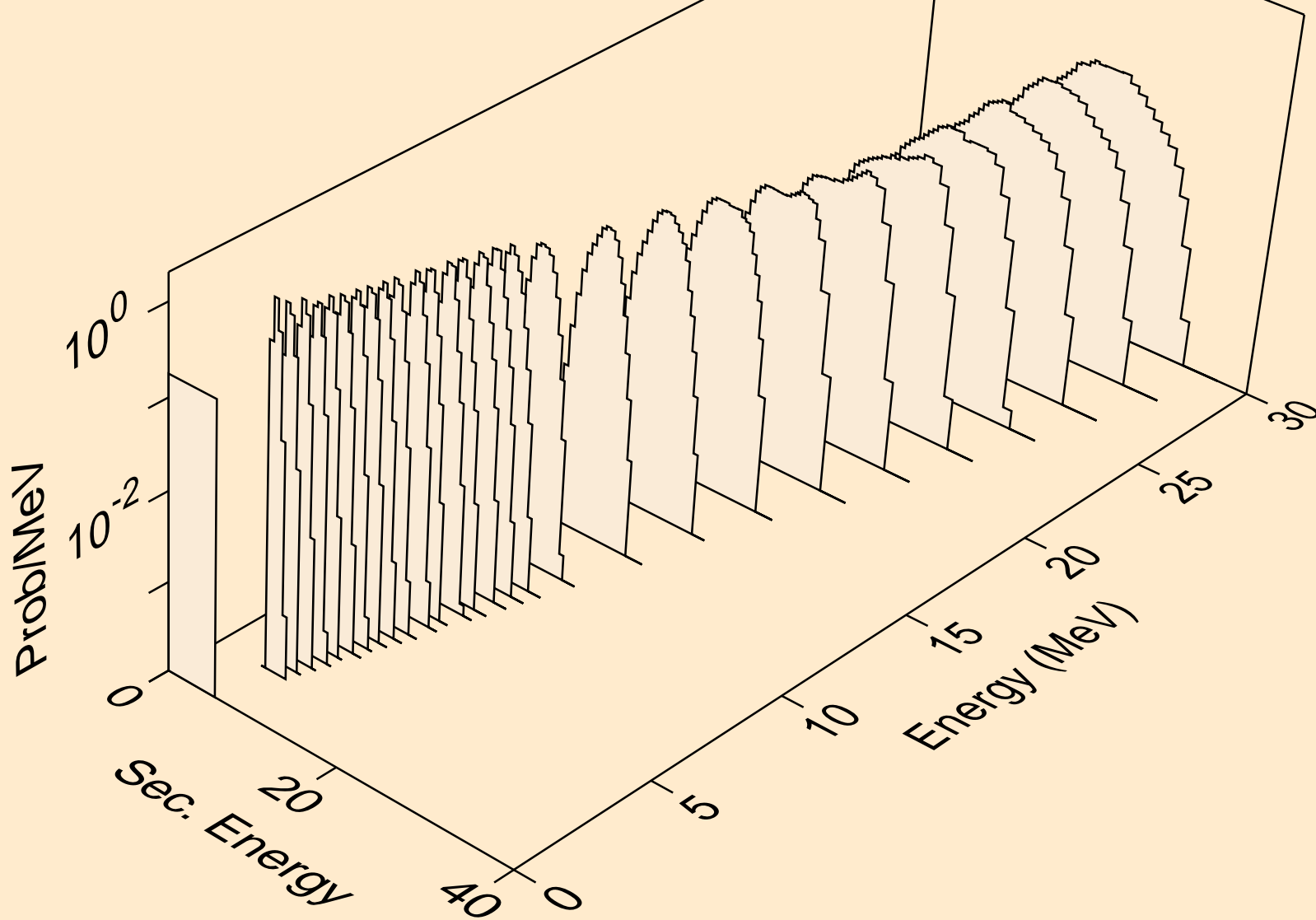
AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



AU189 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

