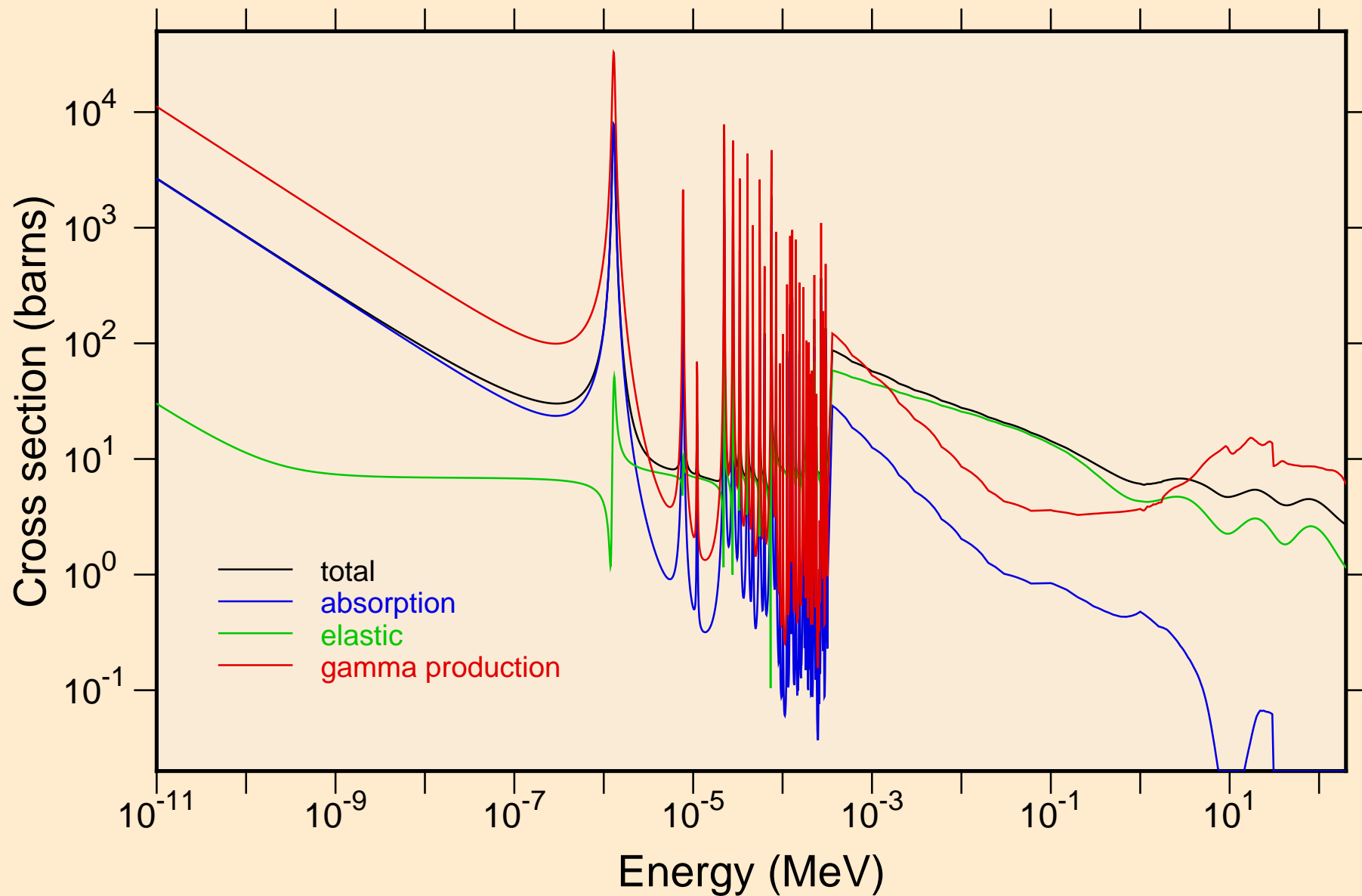
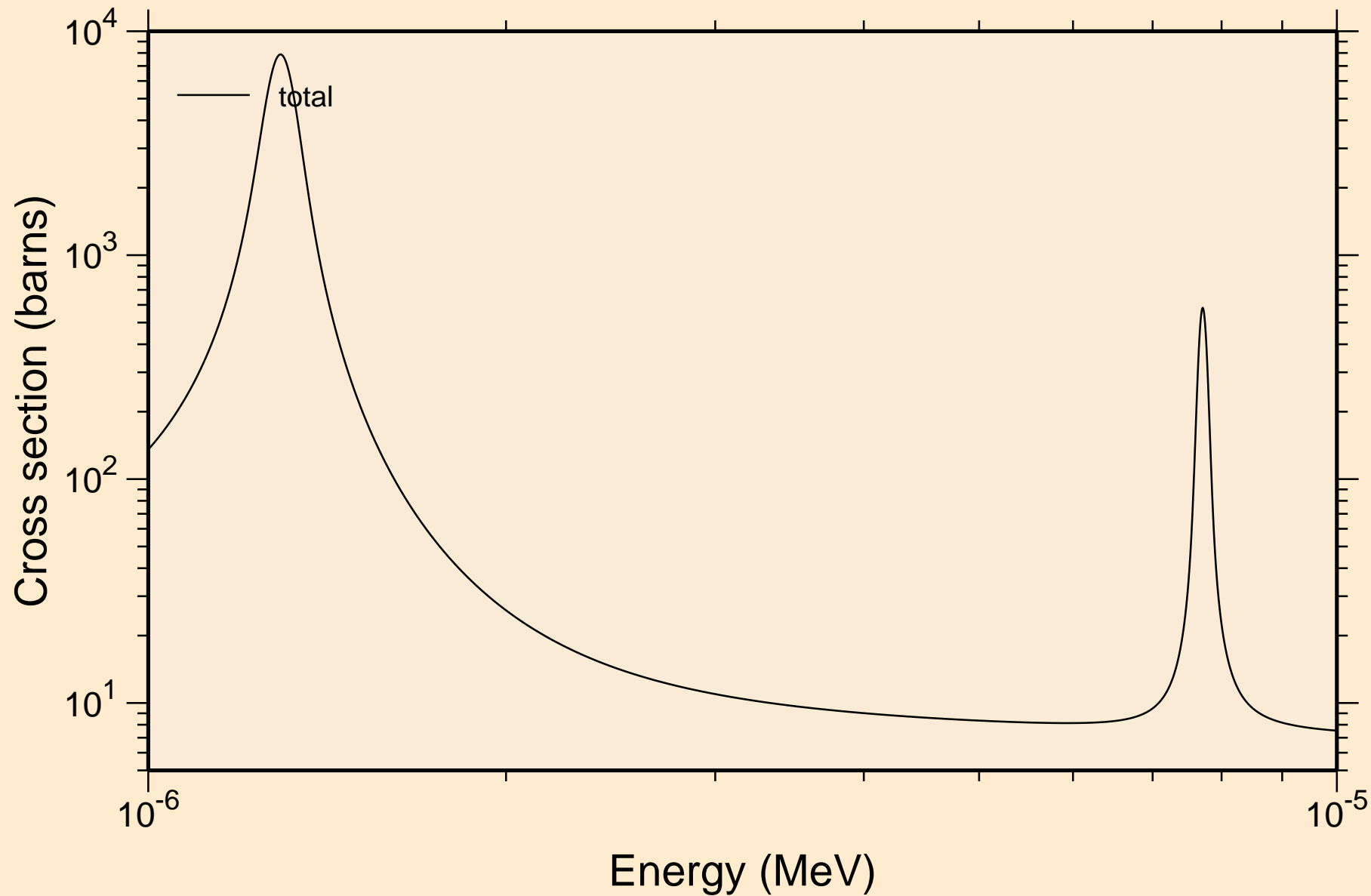


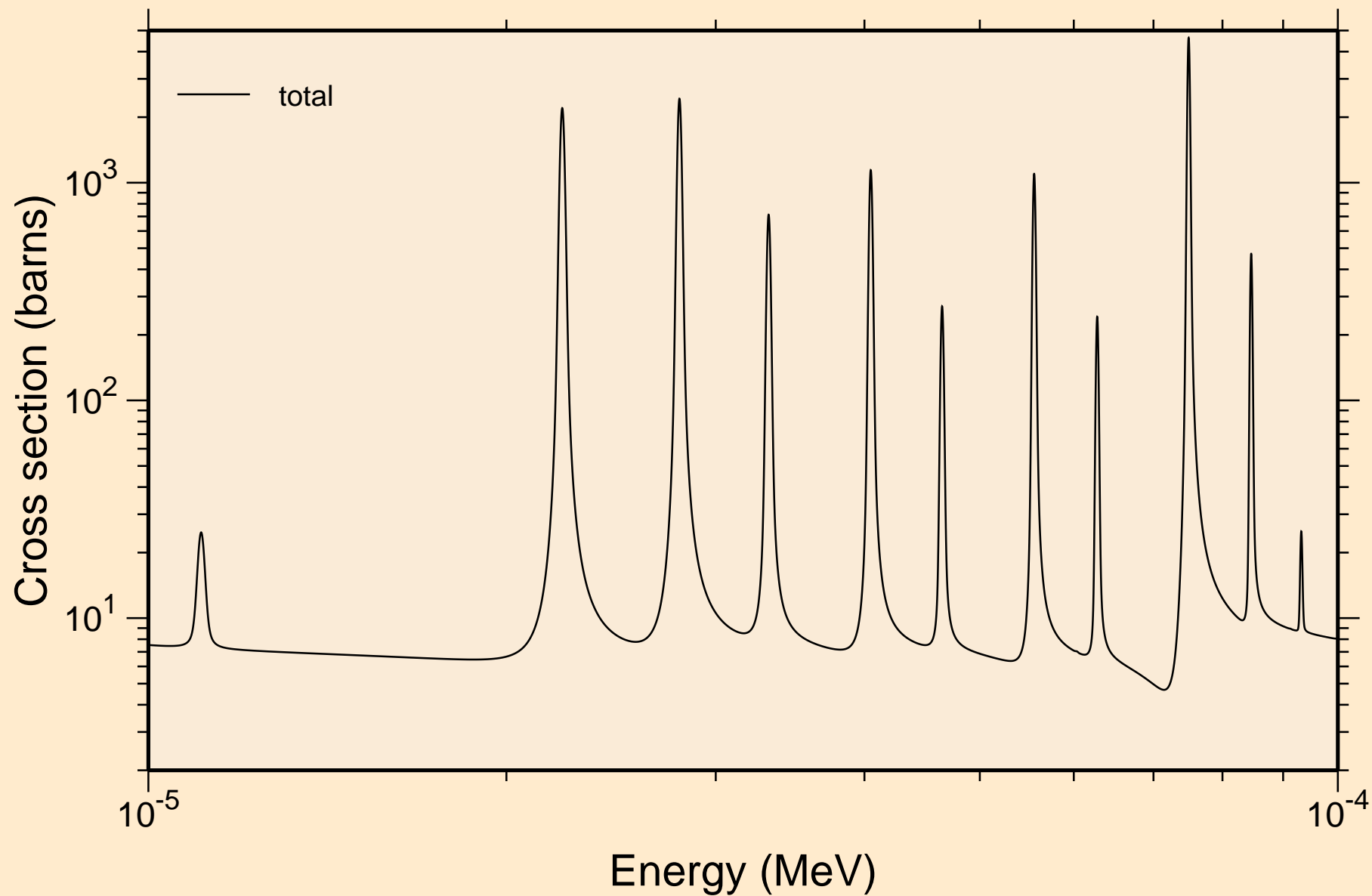
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



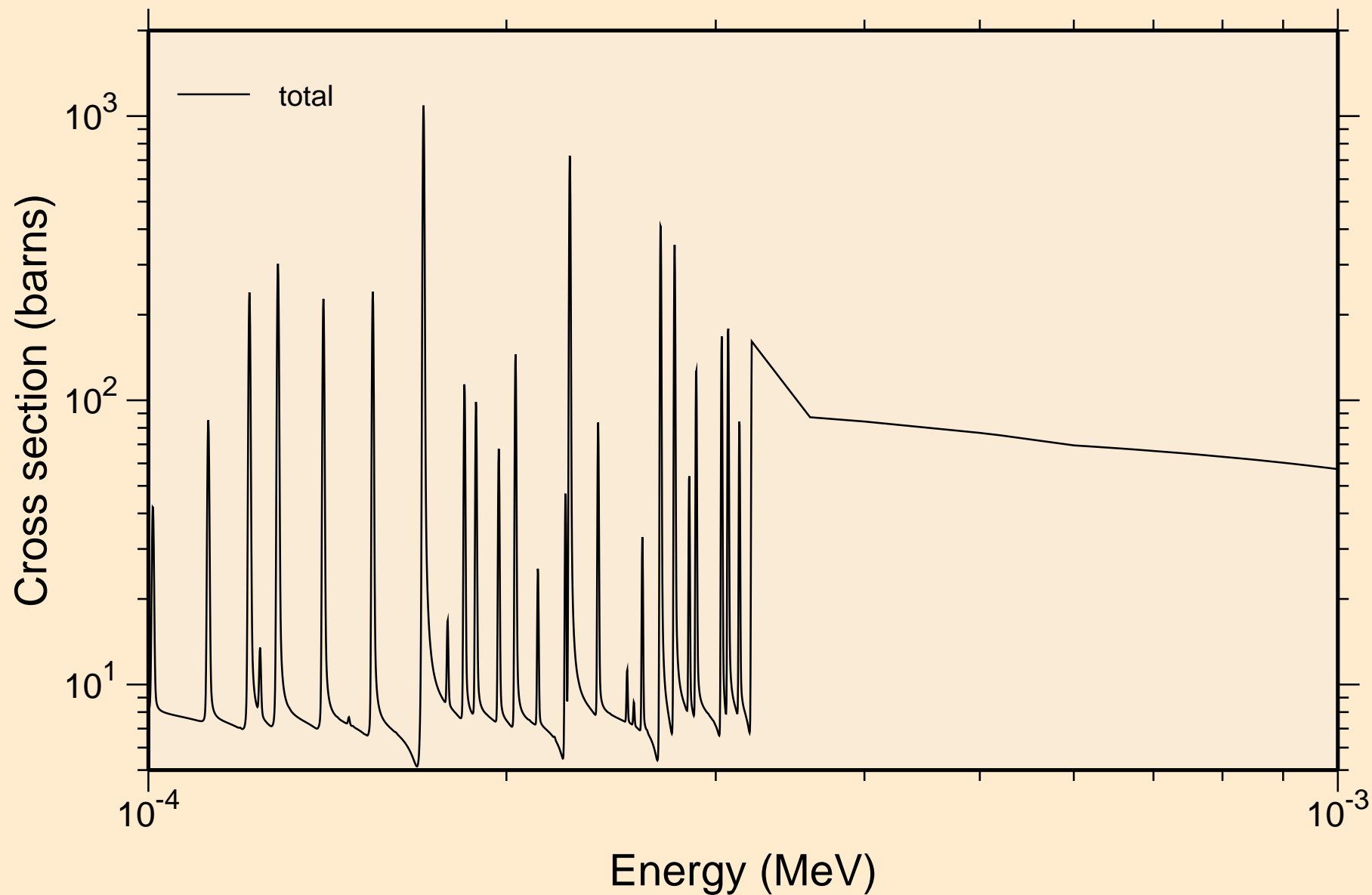
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



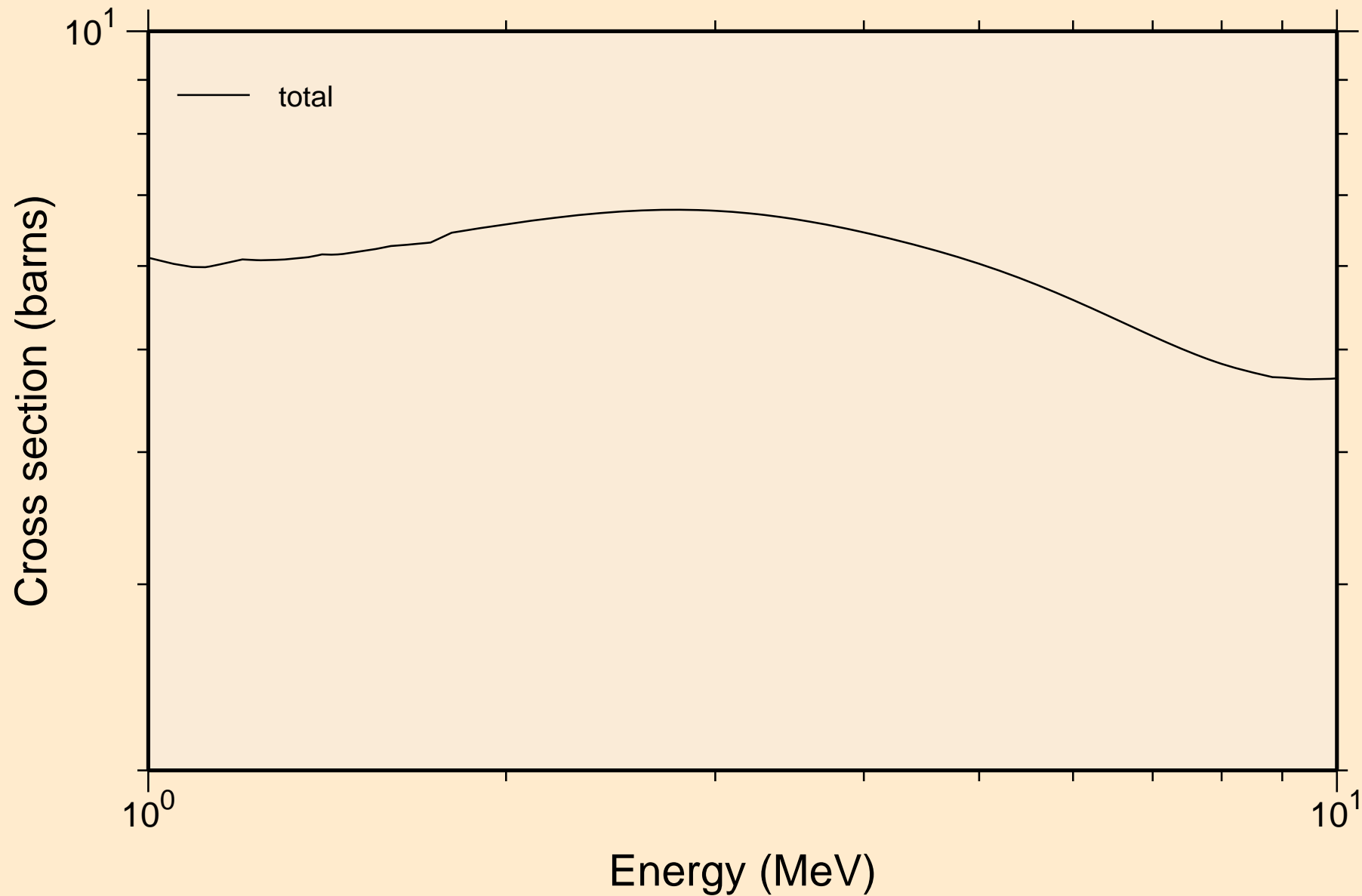
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



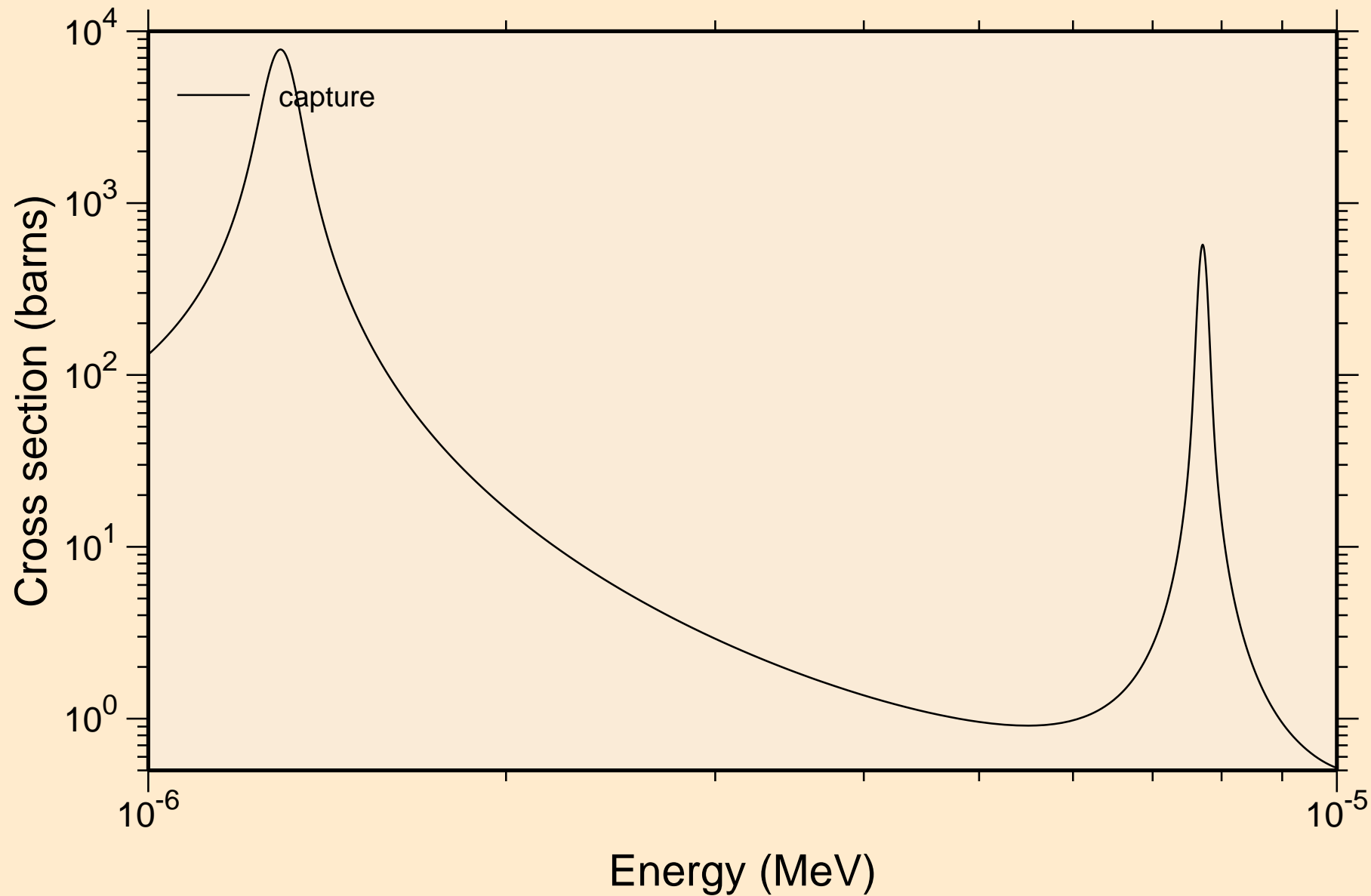
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



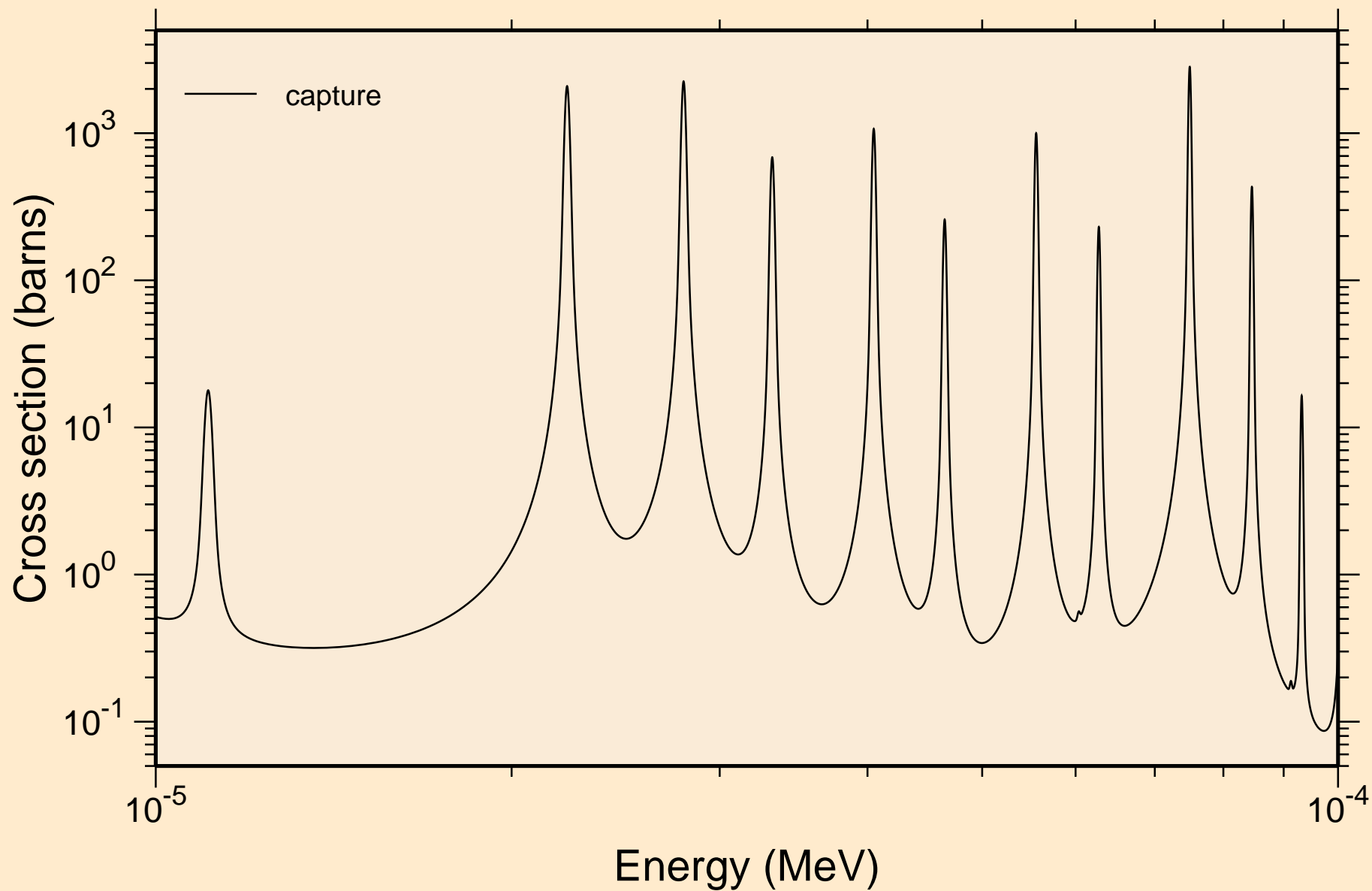
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



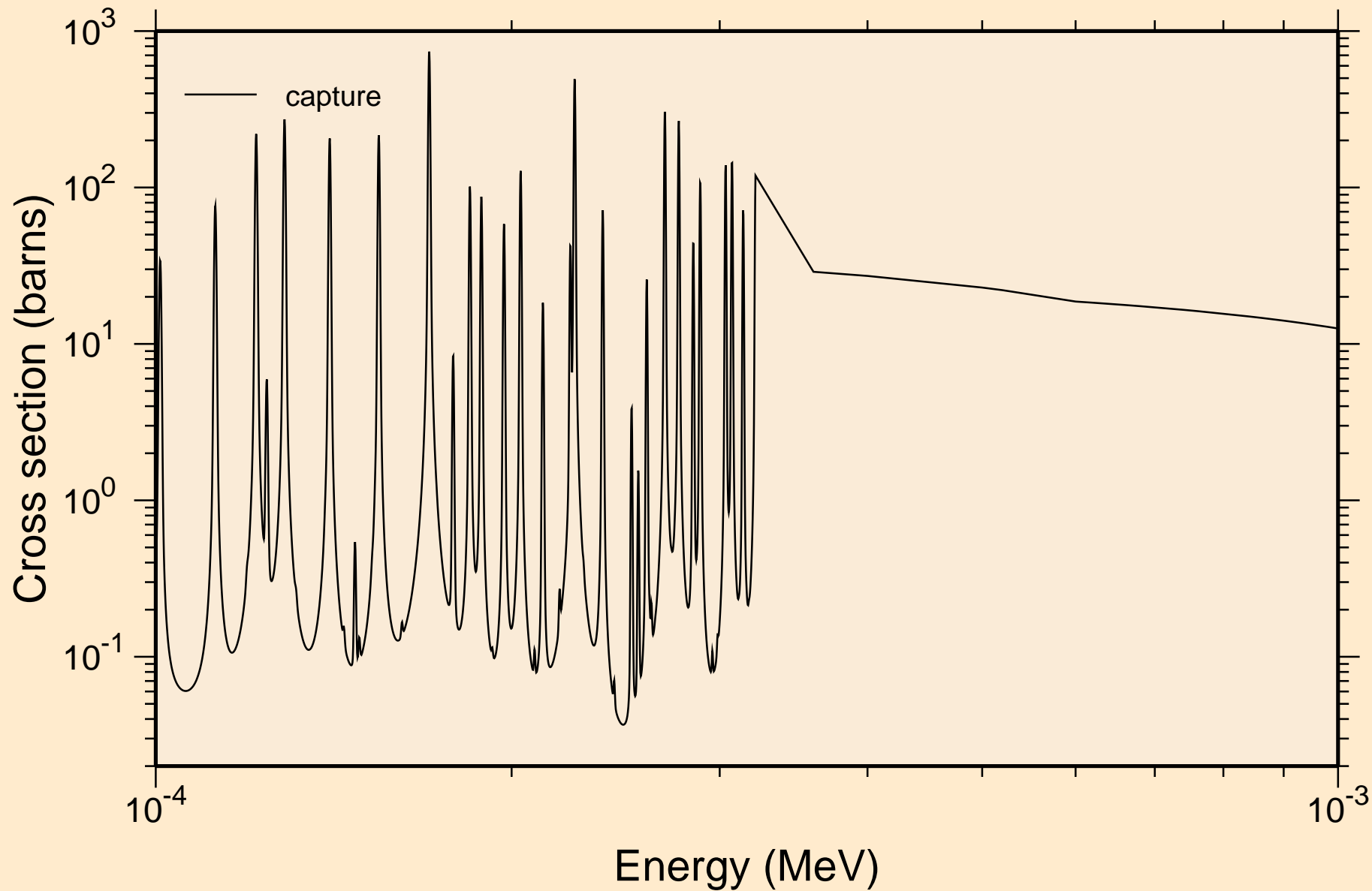
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



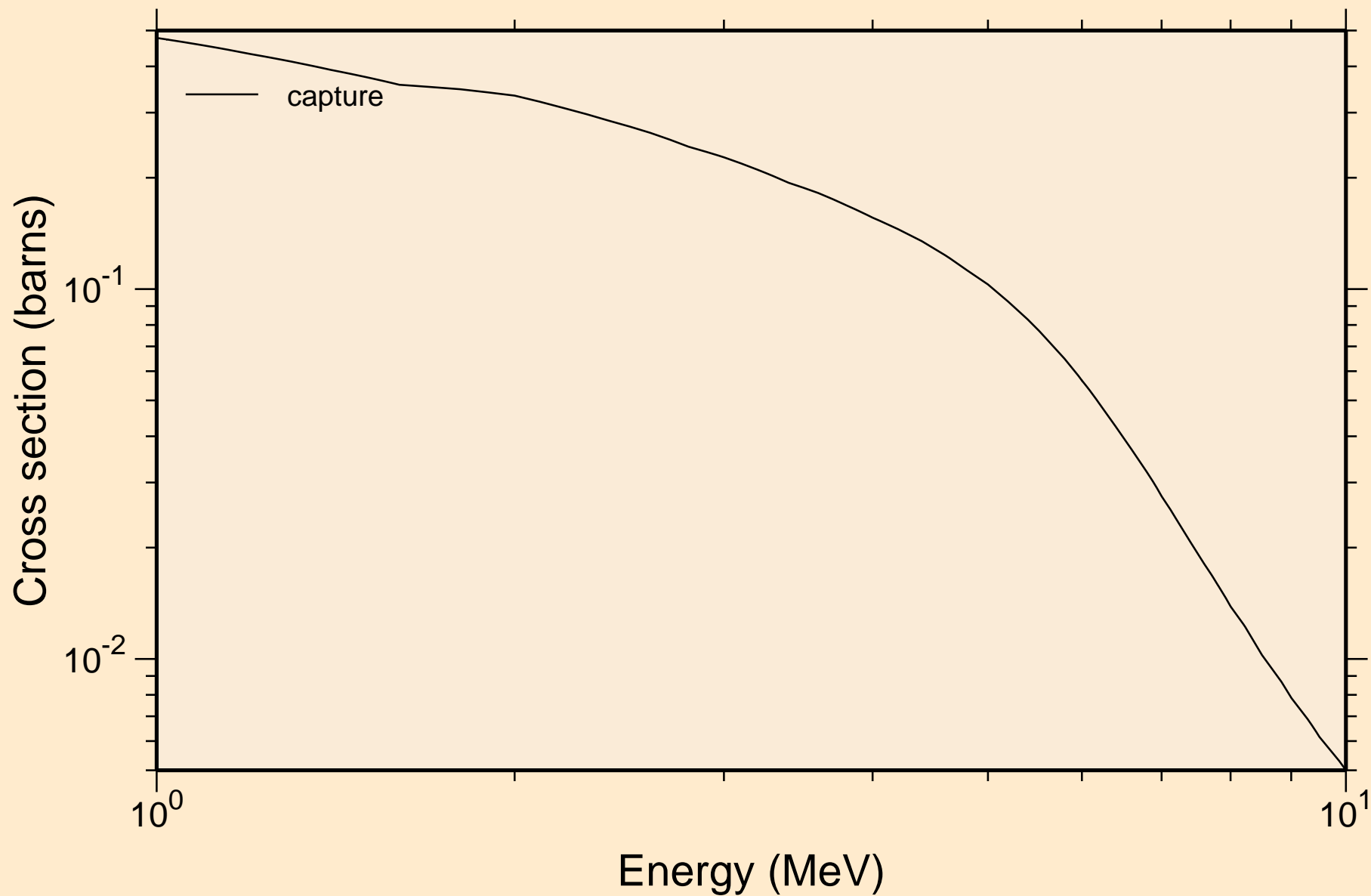
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



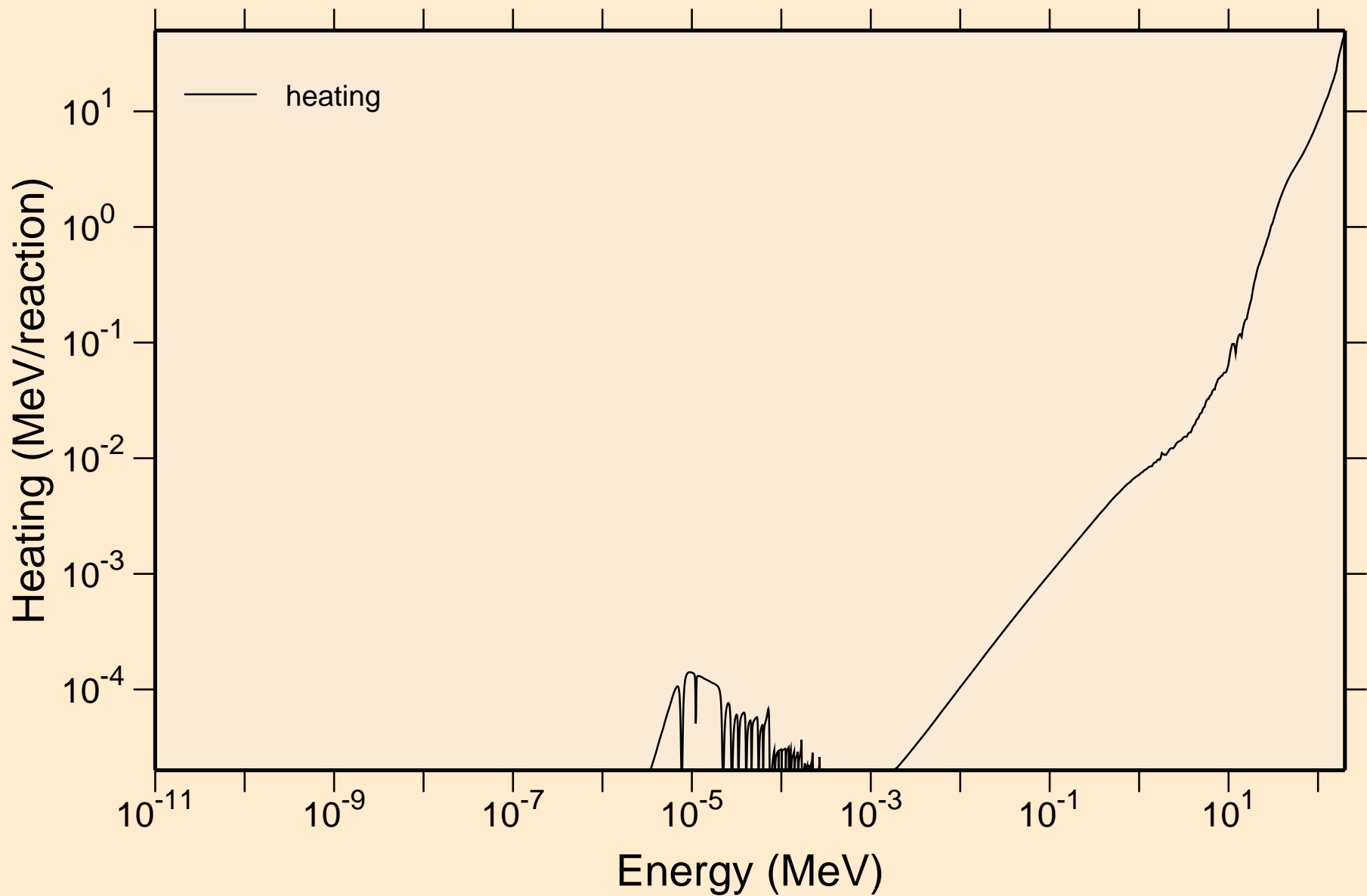
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



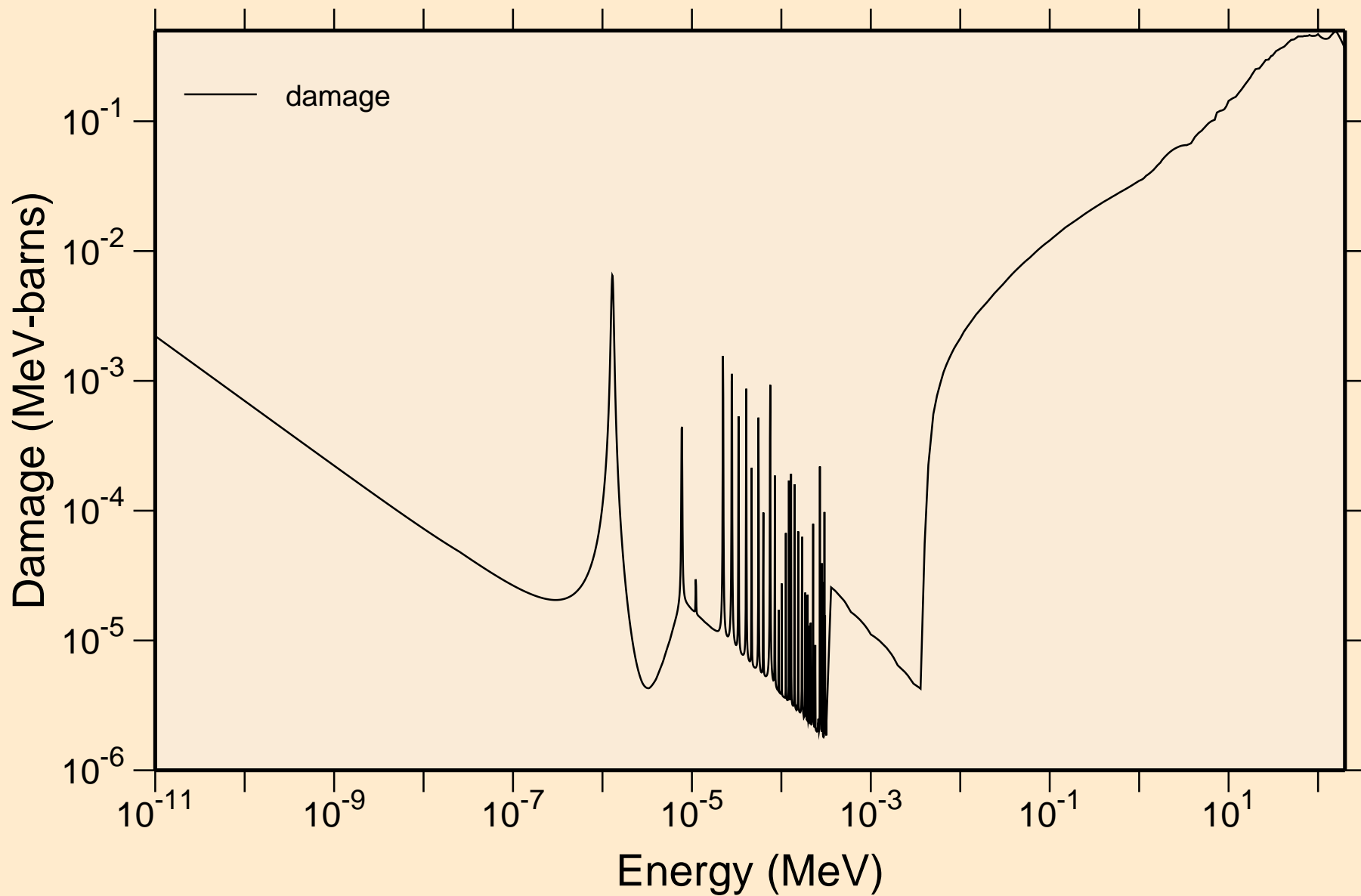
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



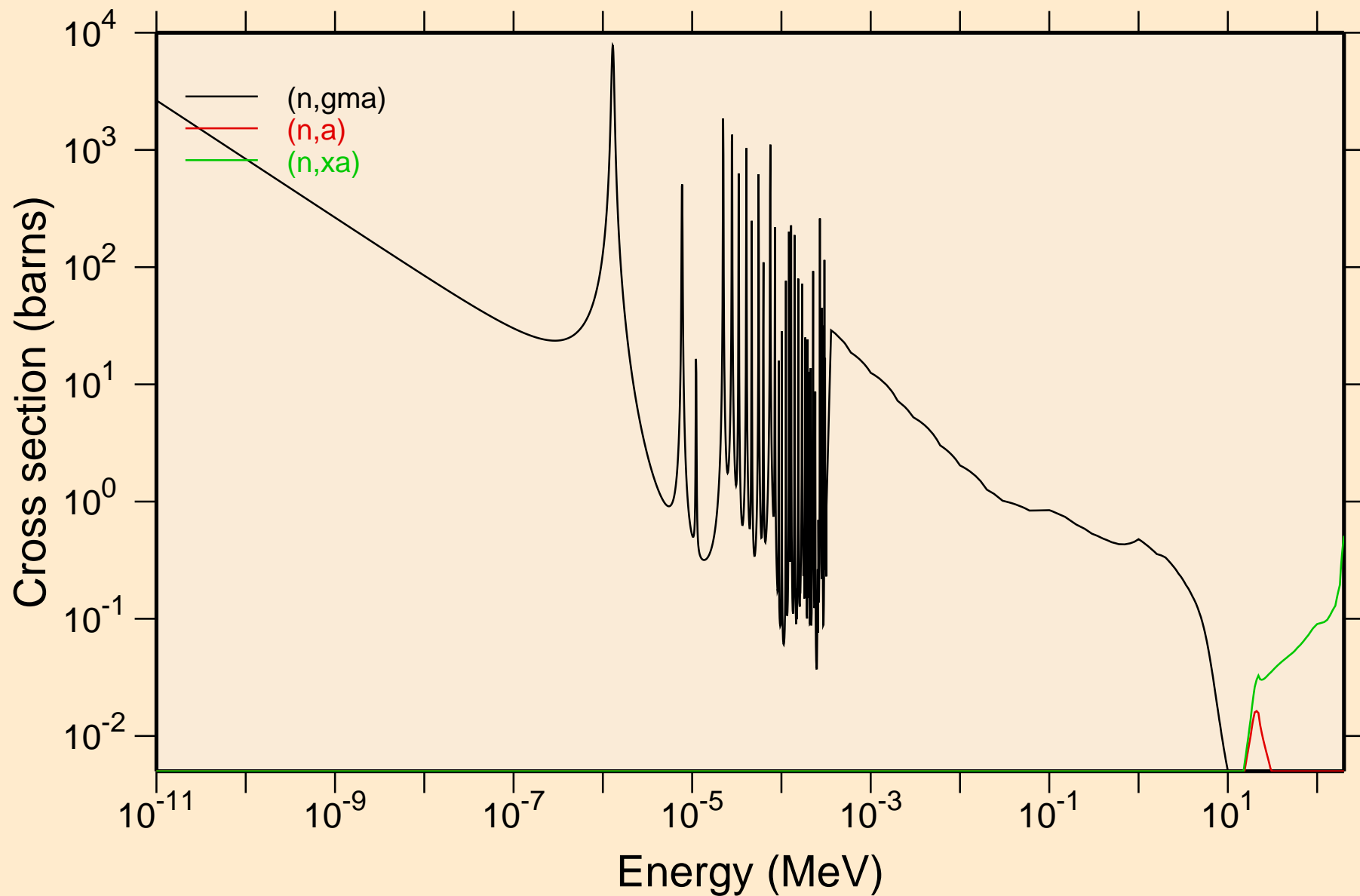
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



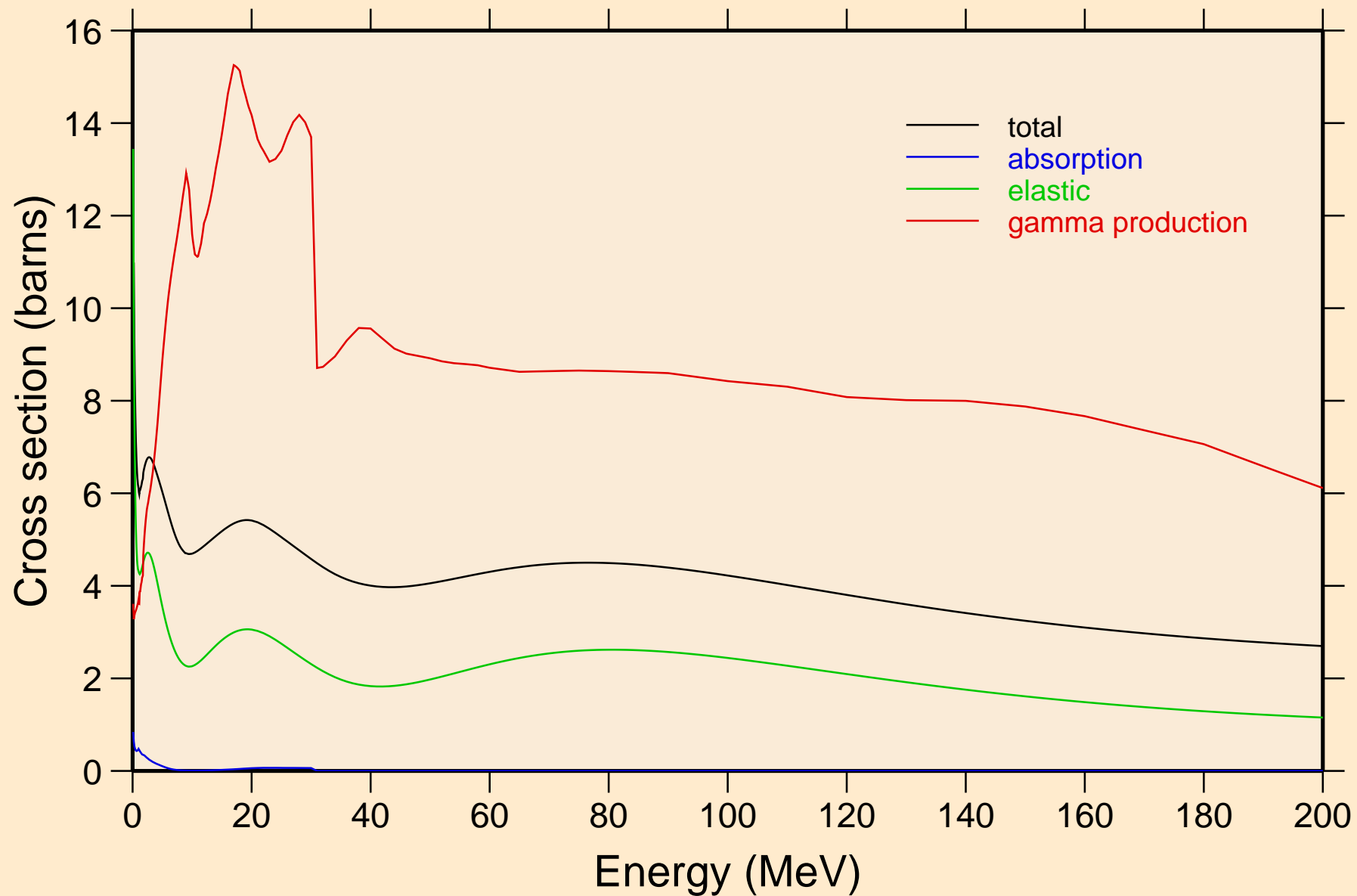
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



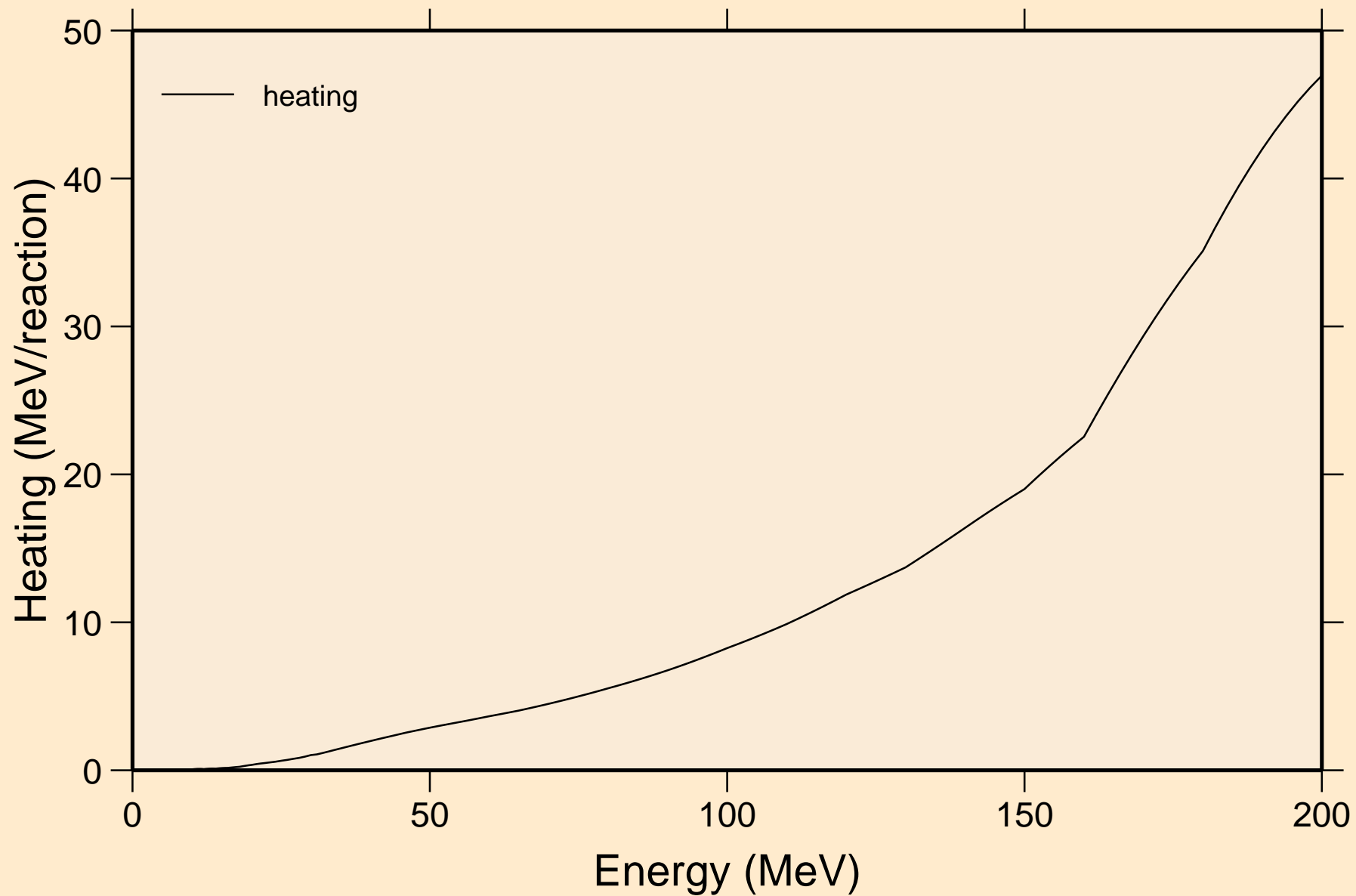
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



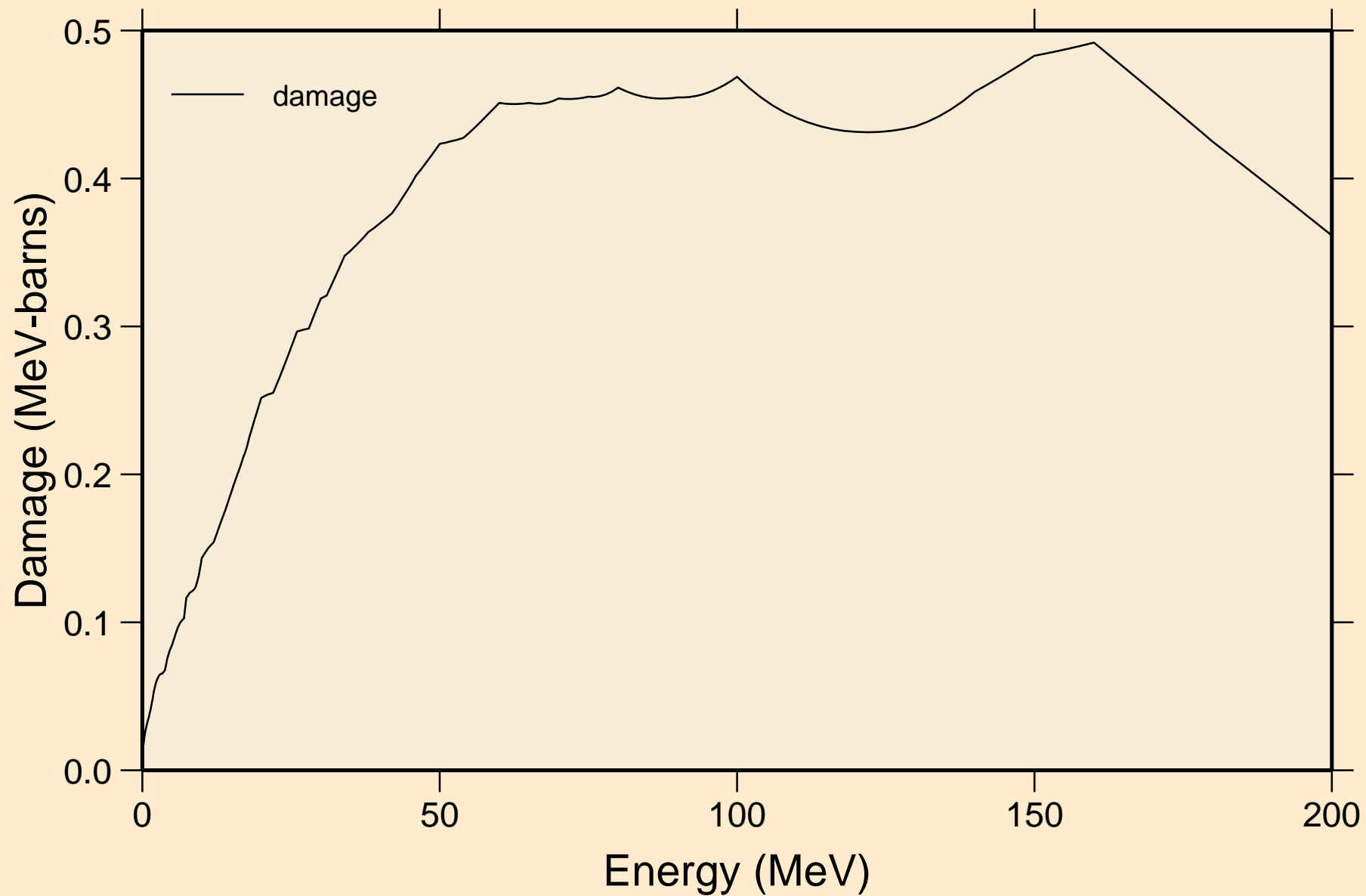
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



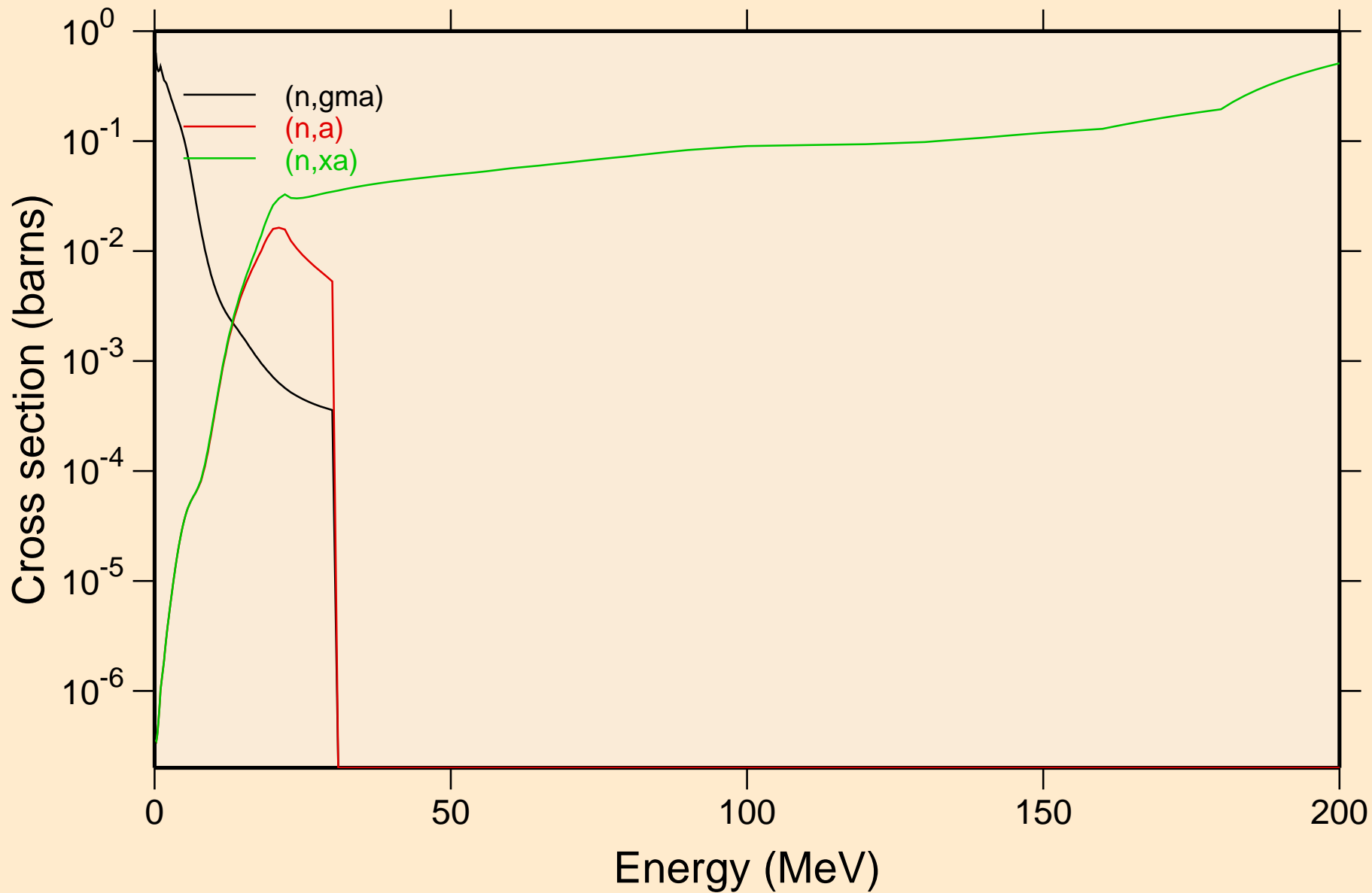
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



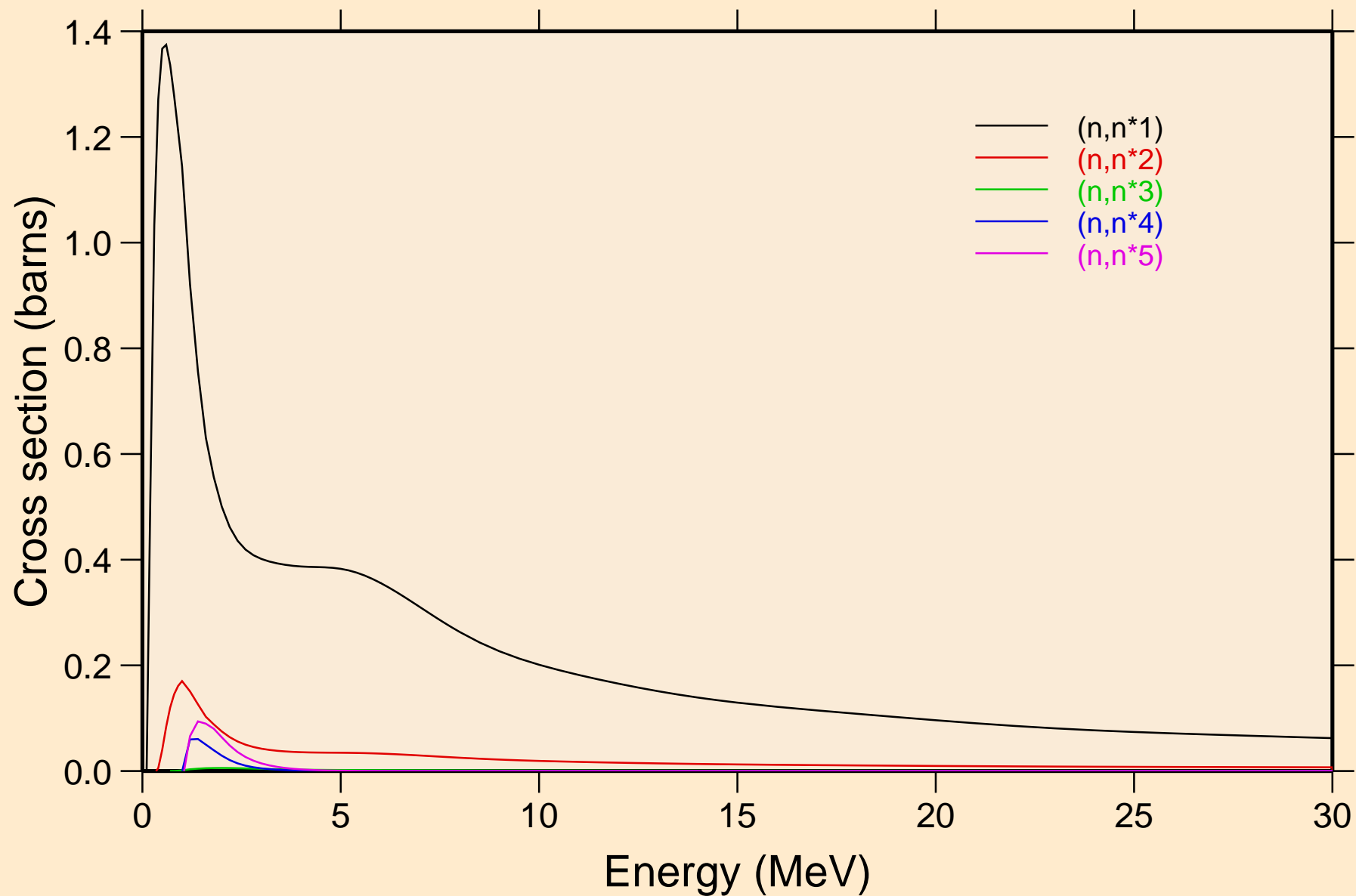
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



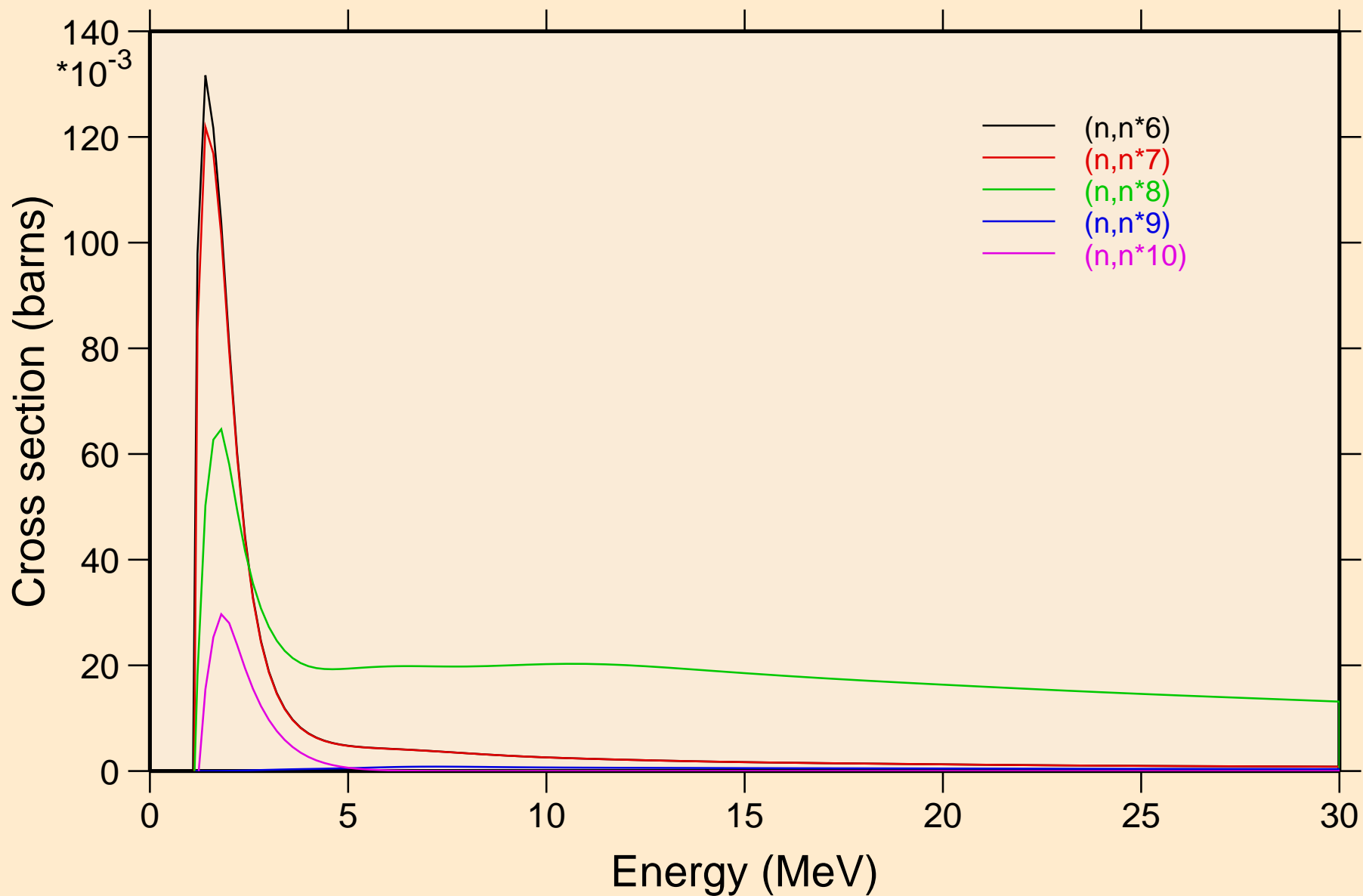
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



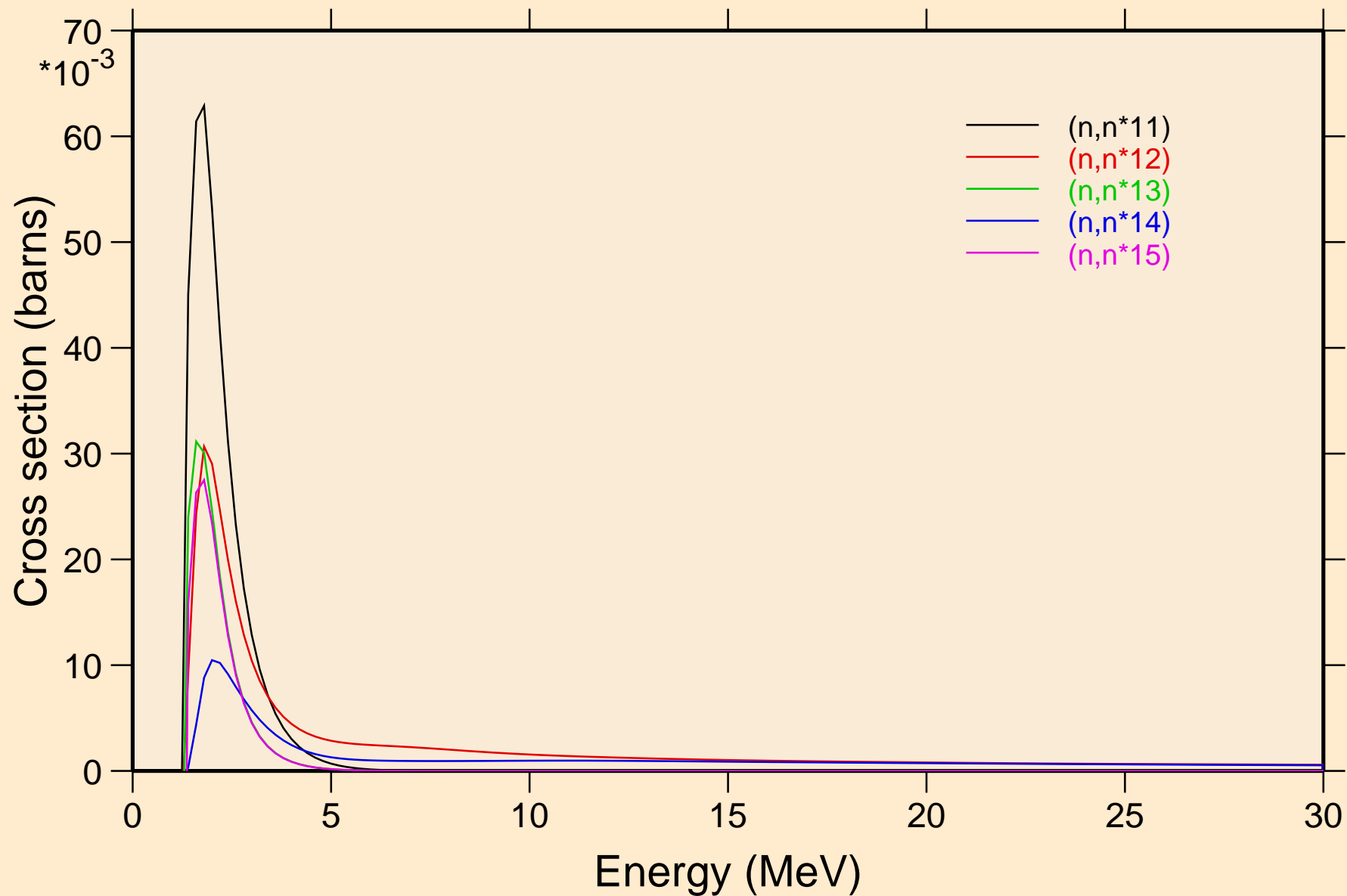
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



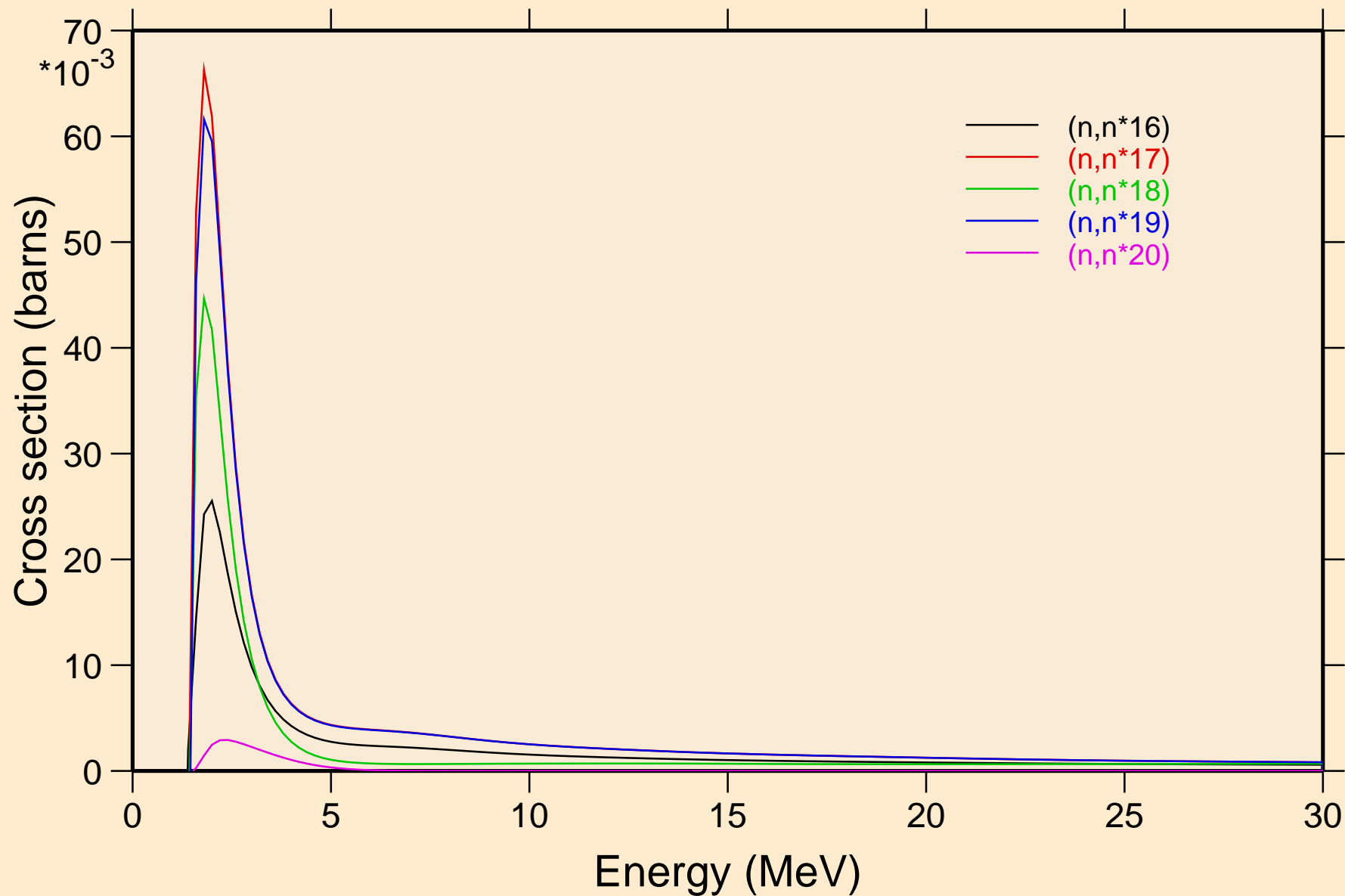
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



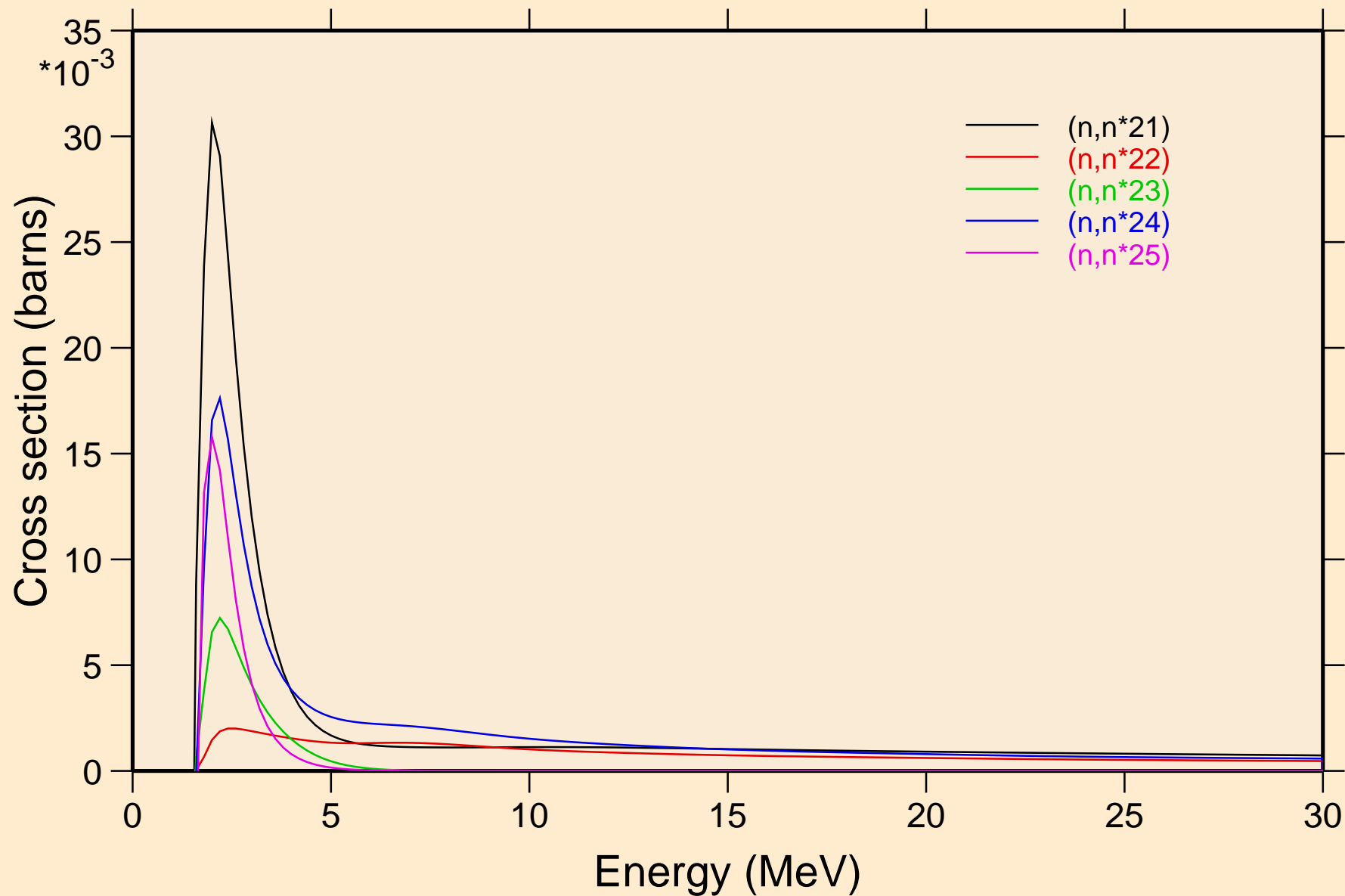
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



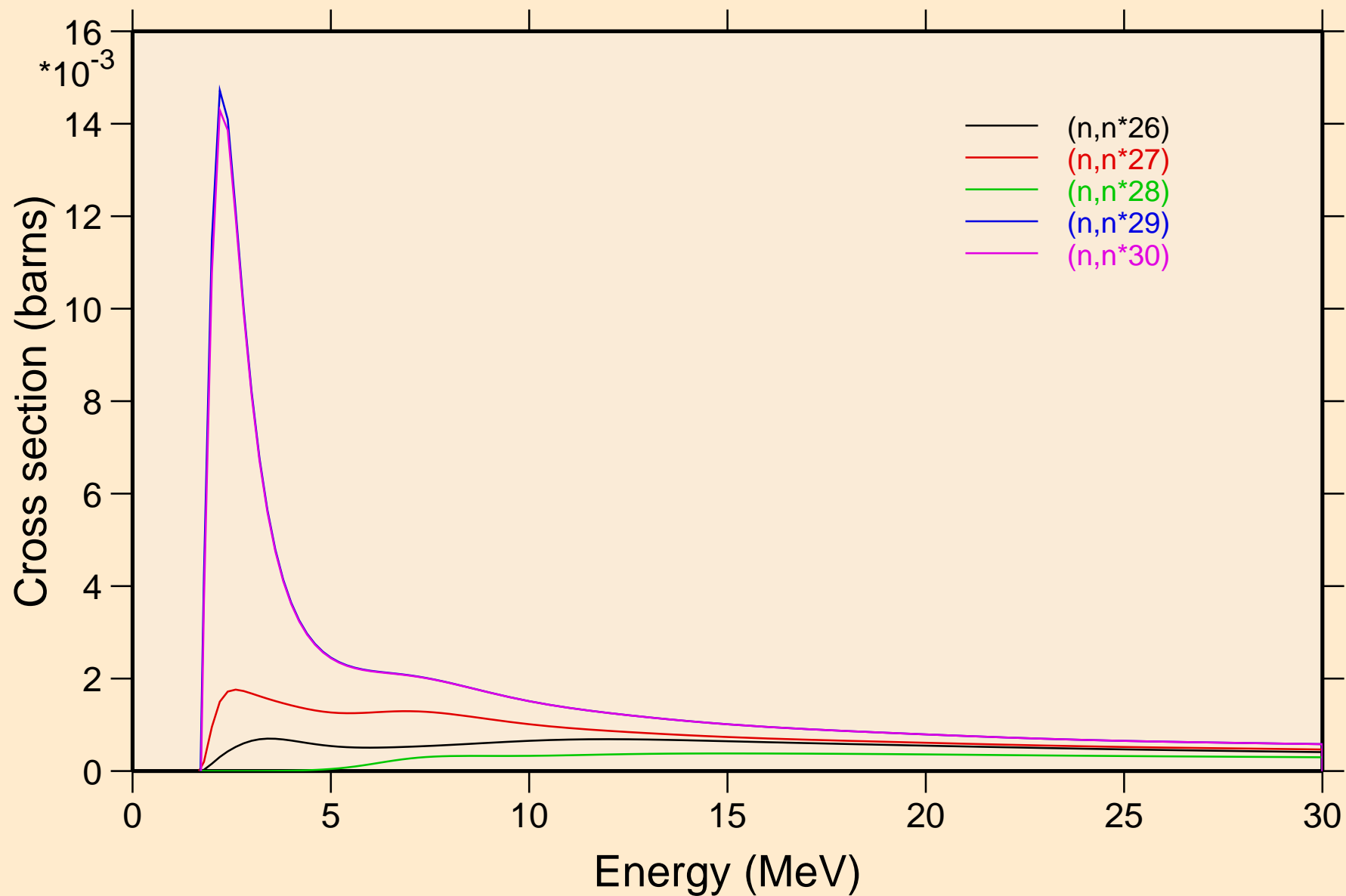
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

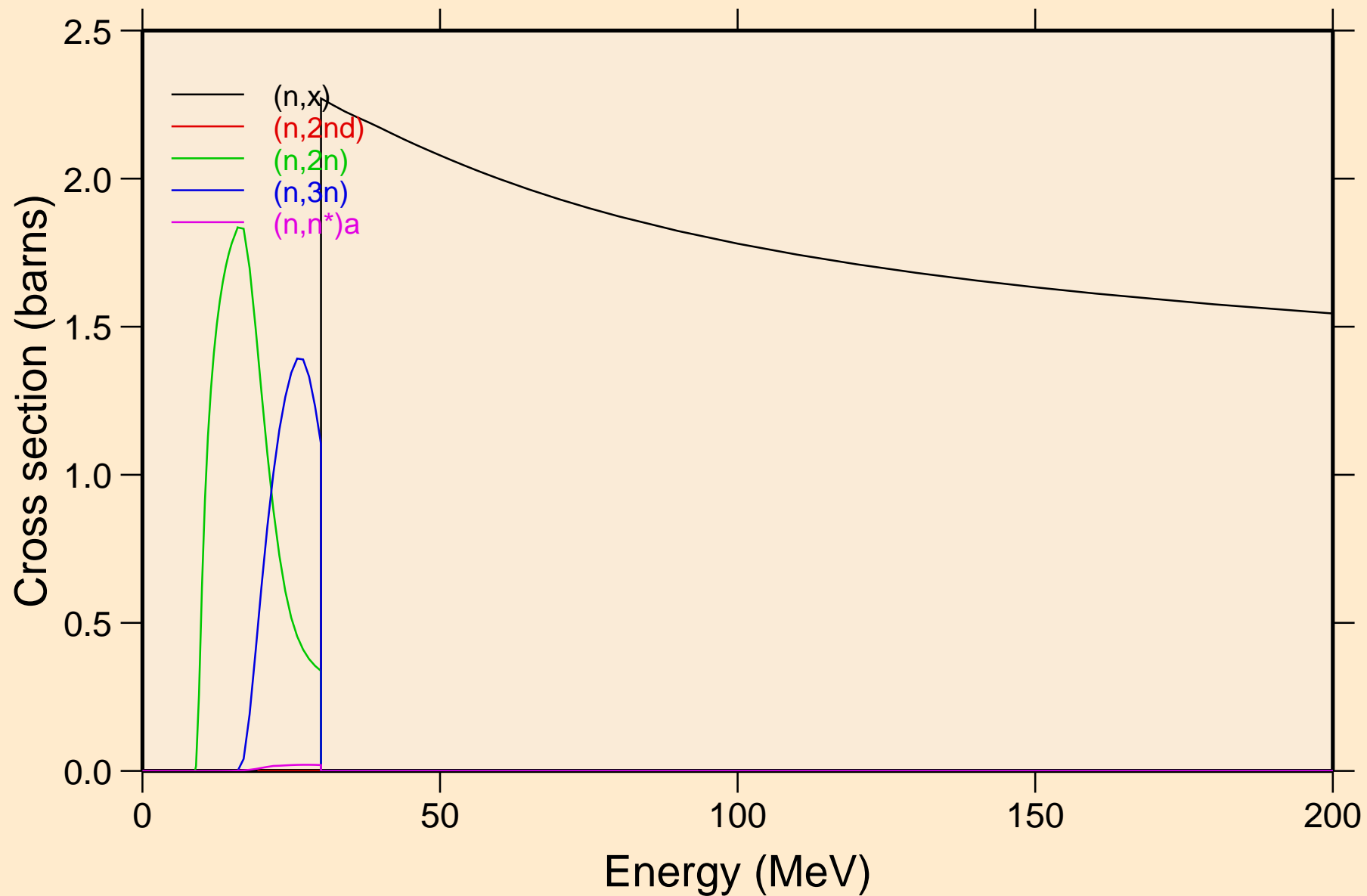


W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

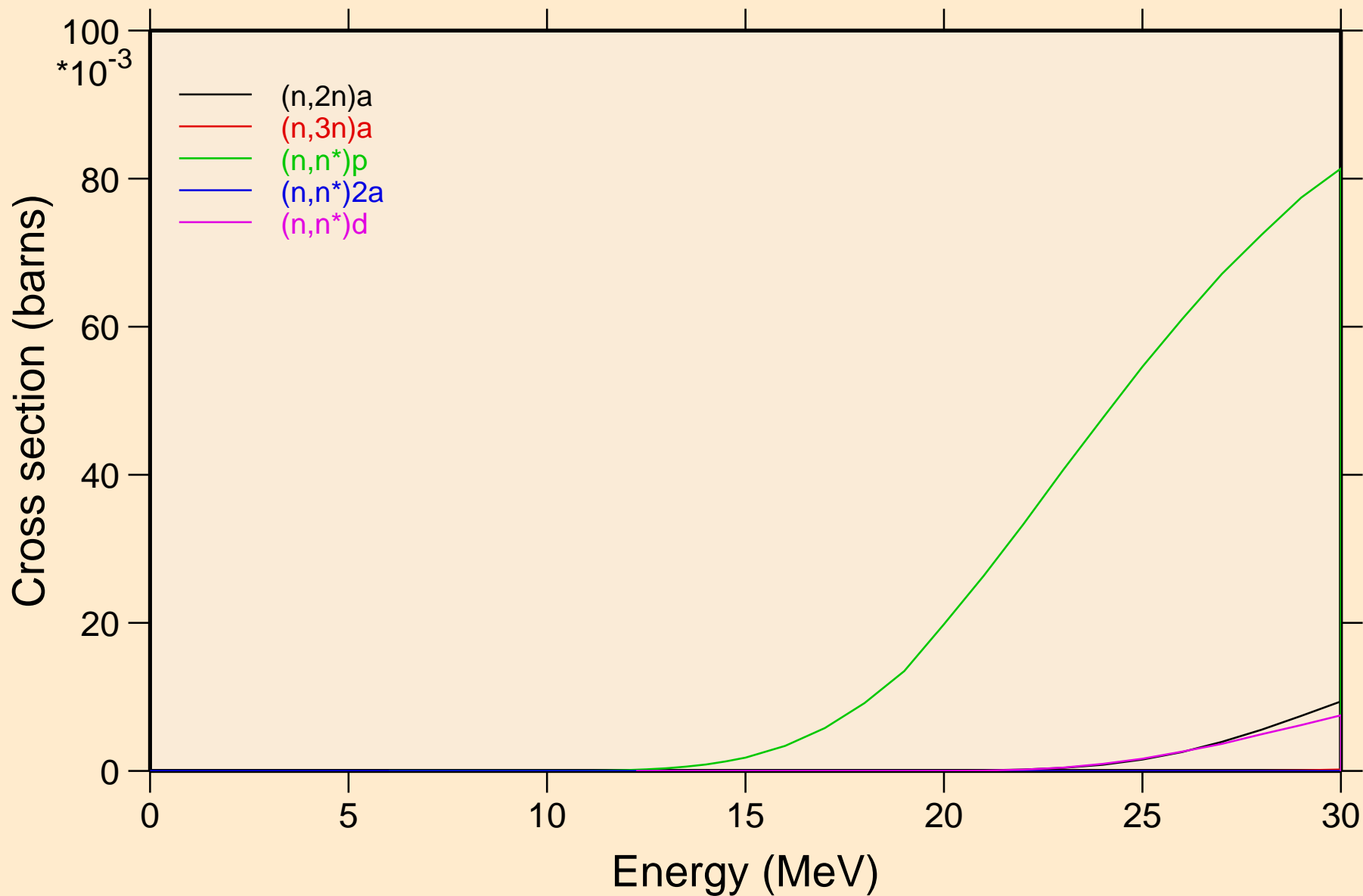


W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

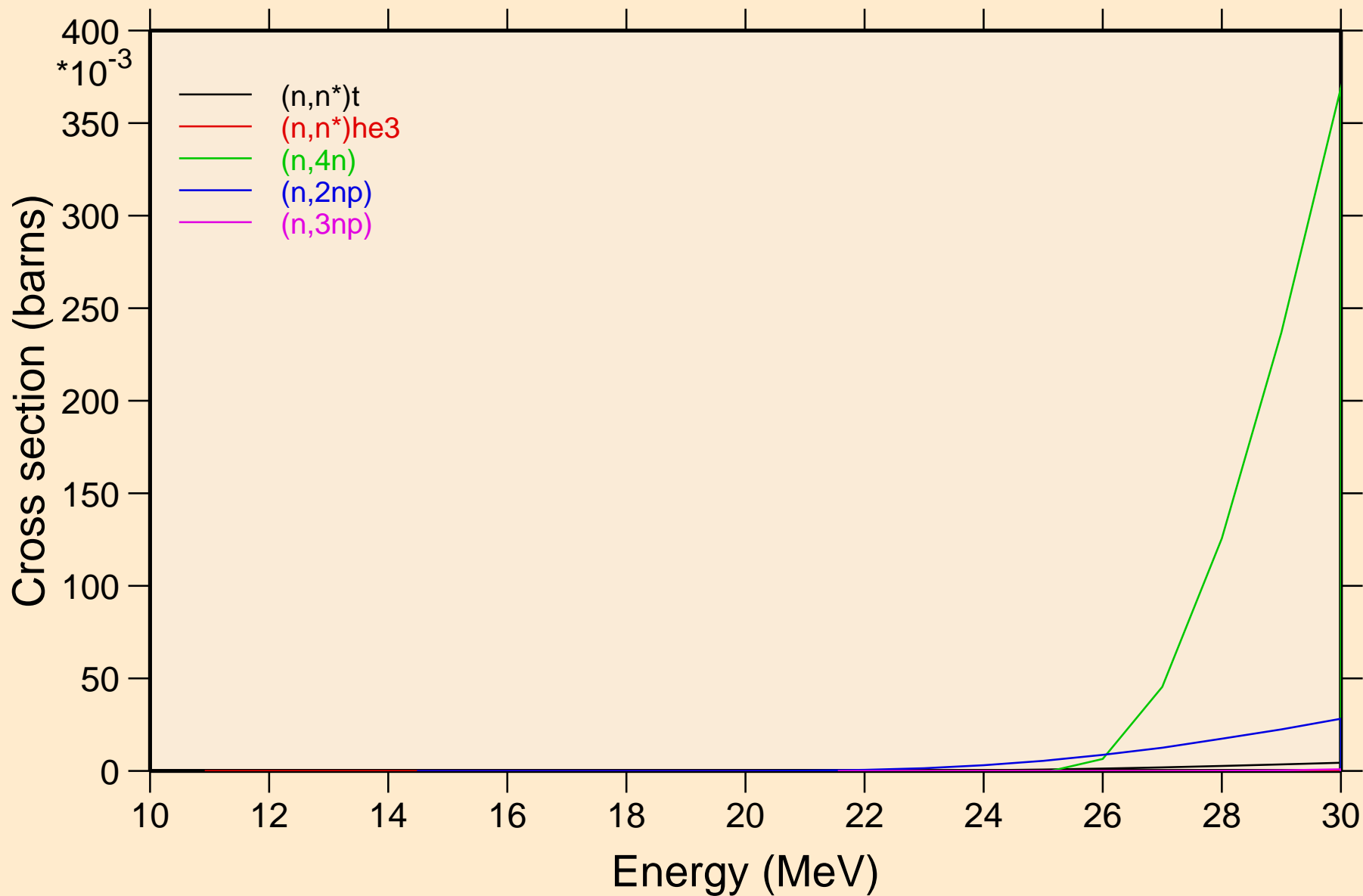
Threshold reactions



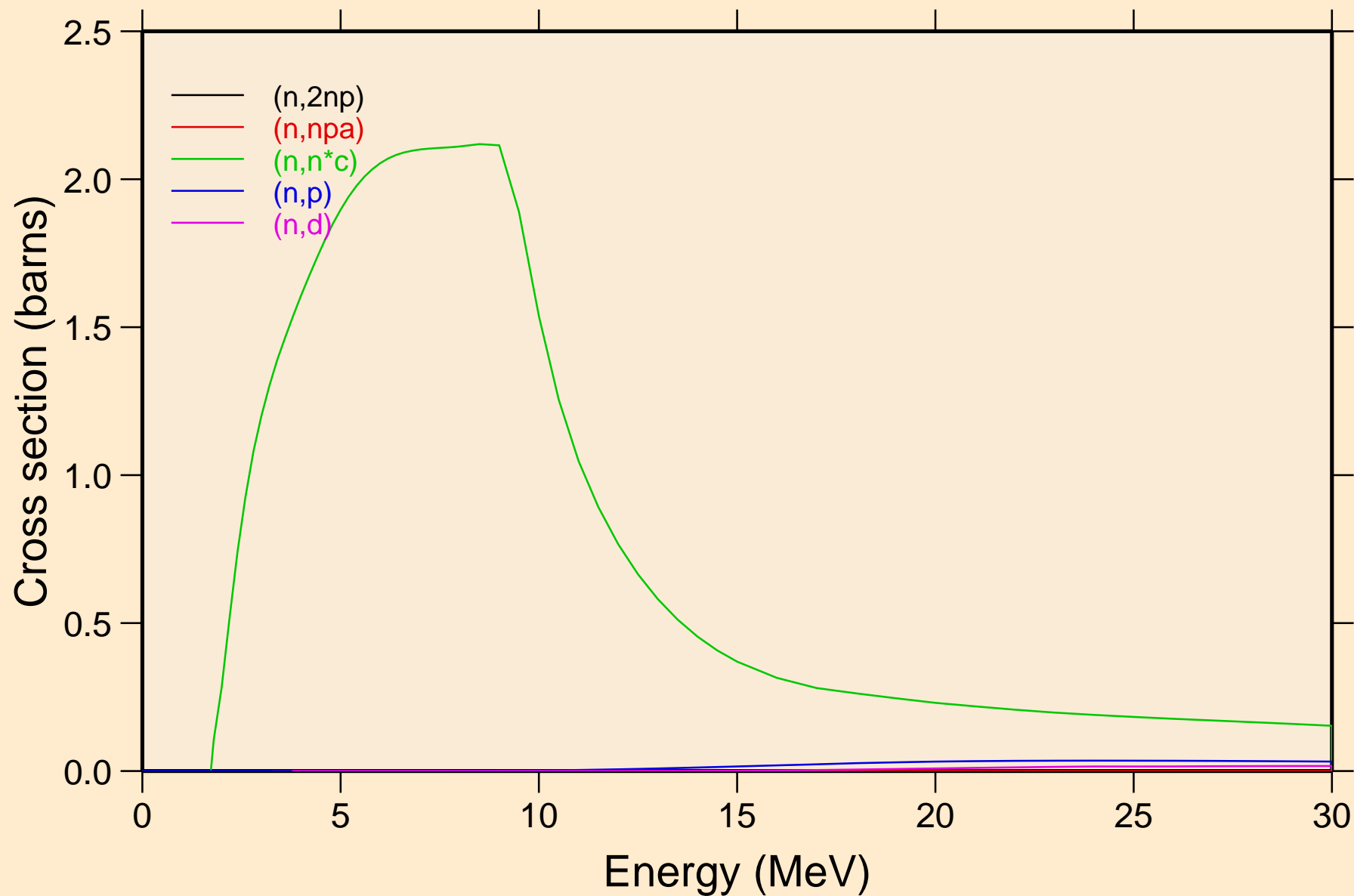
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



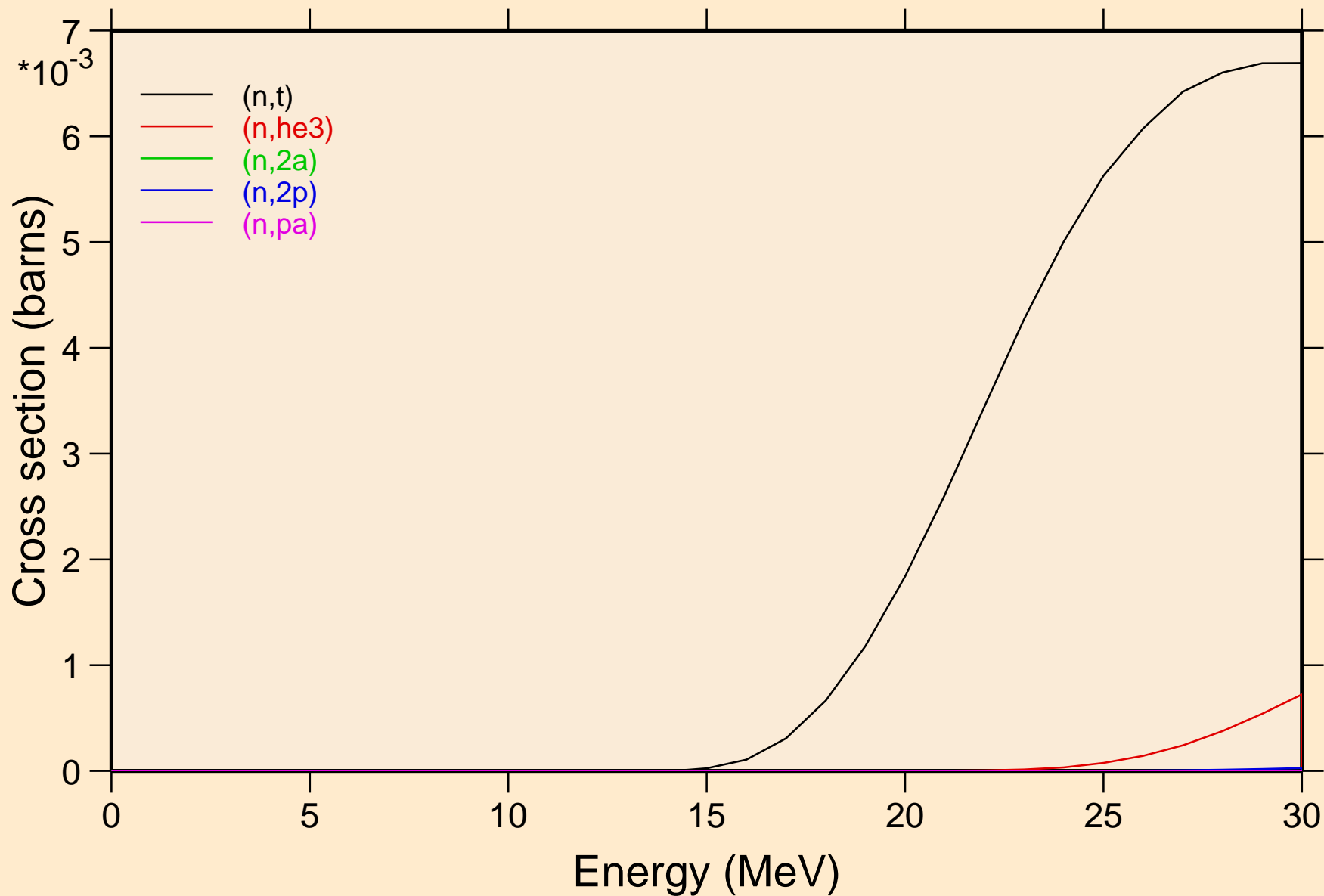
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



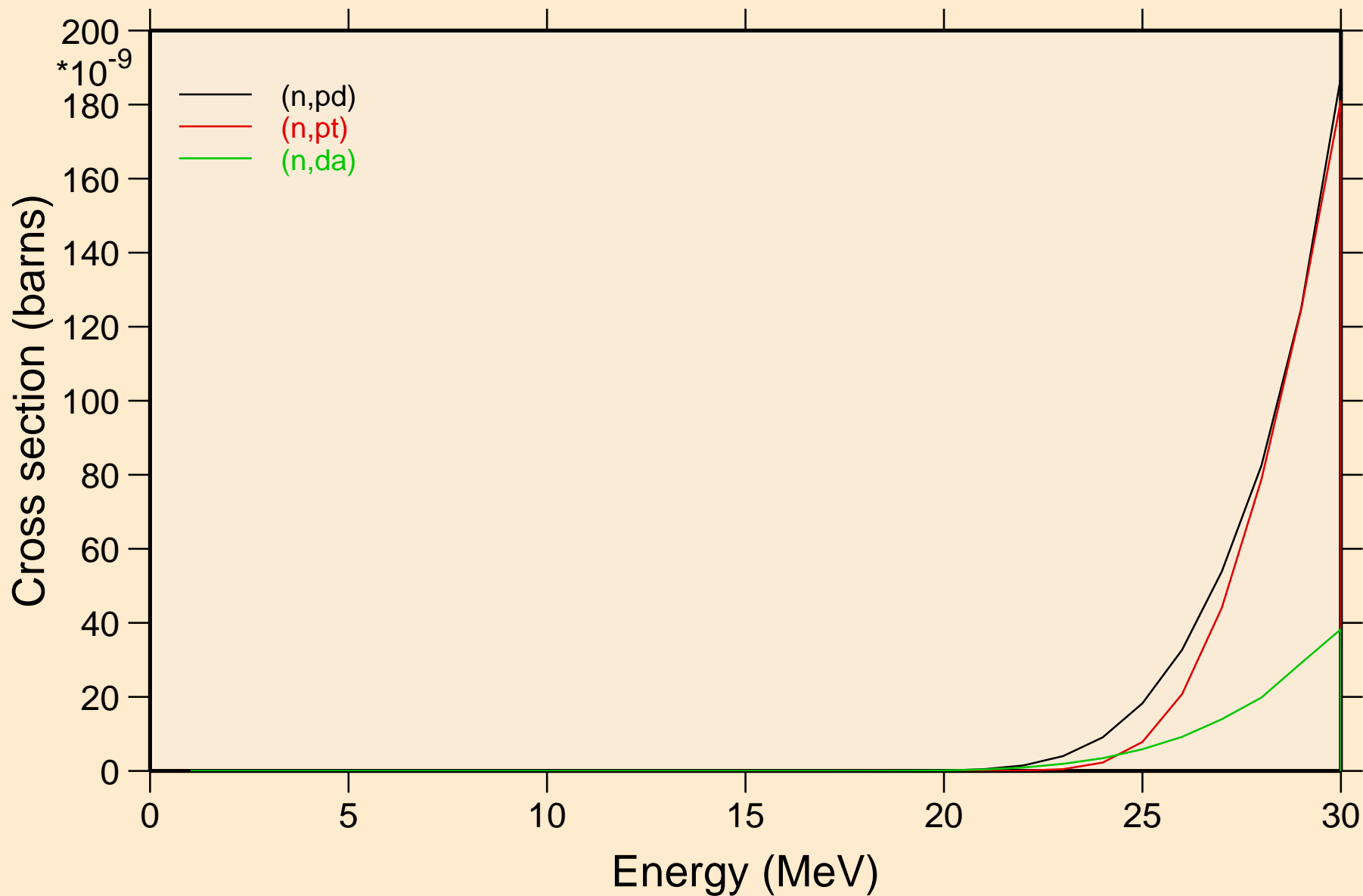
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



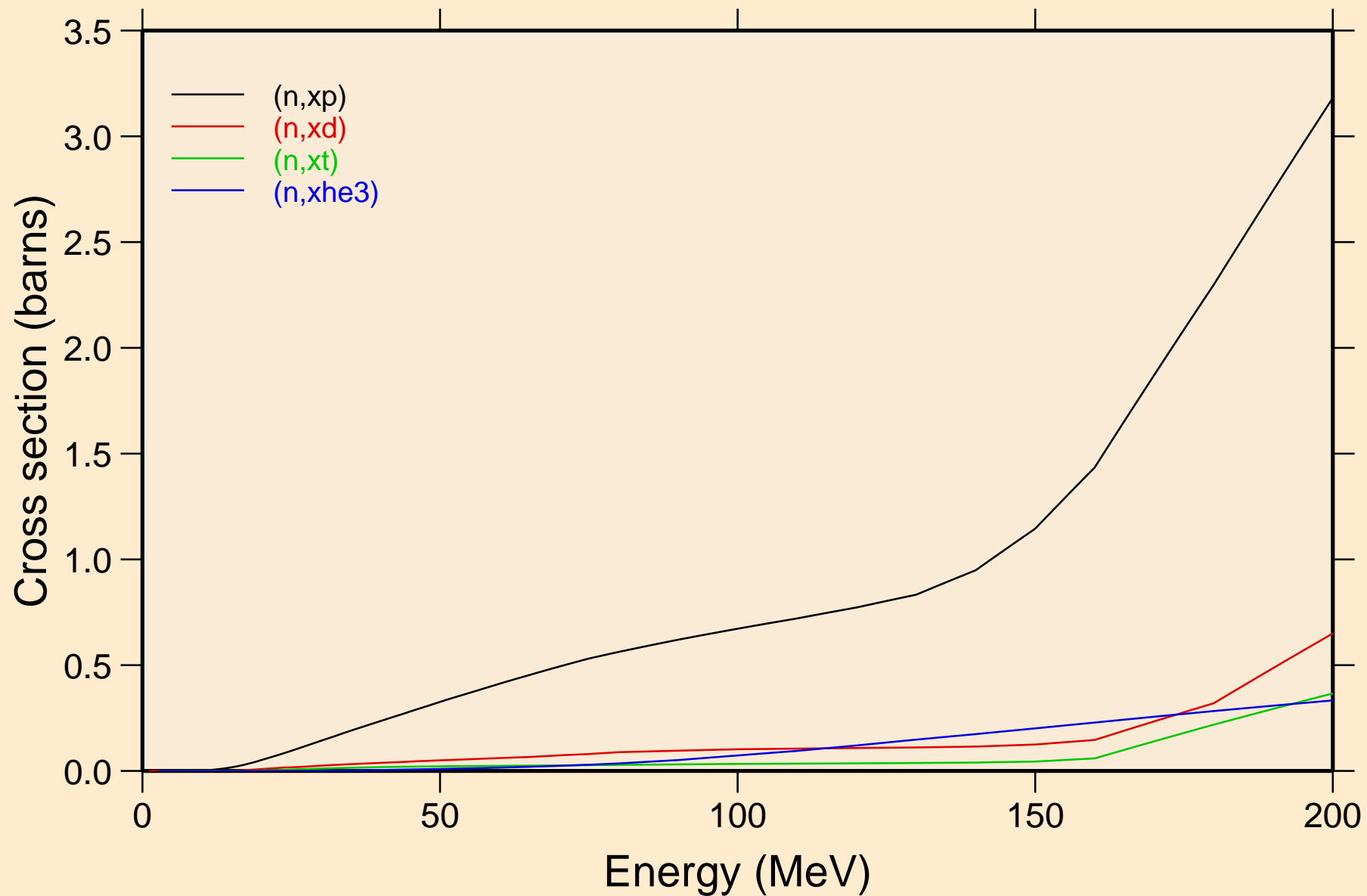
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



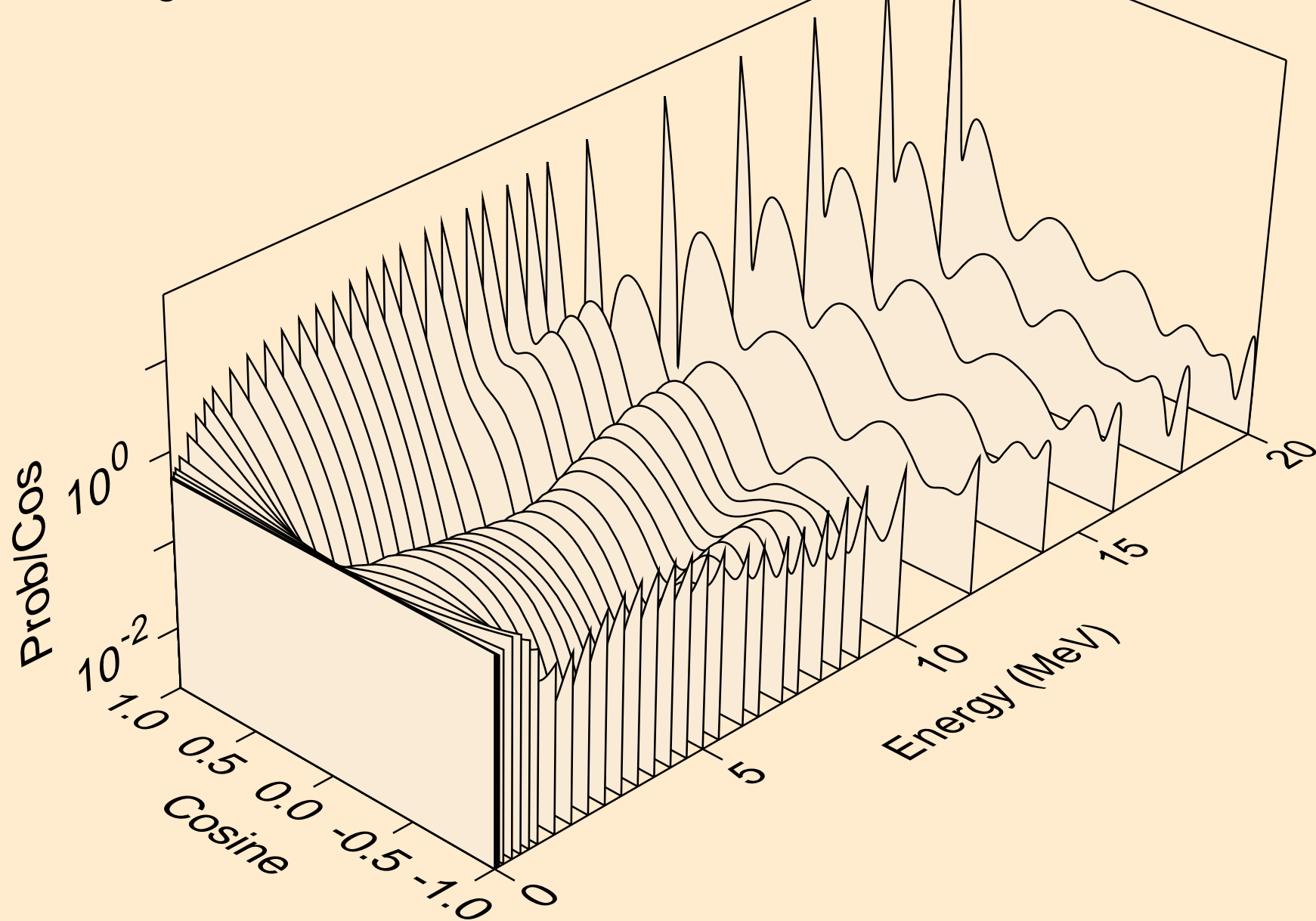
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



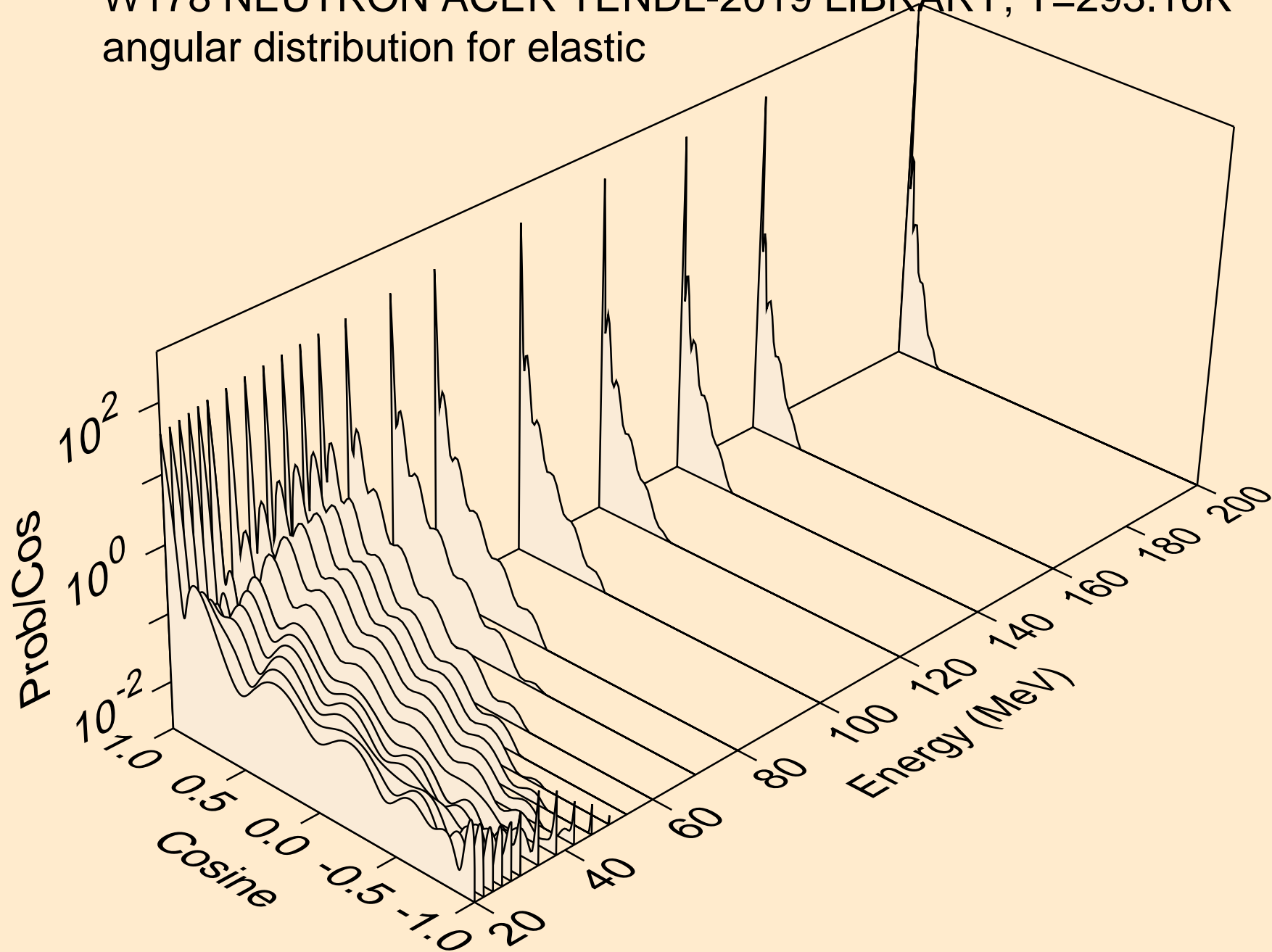
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



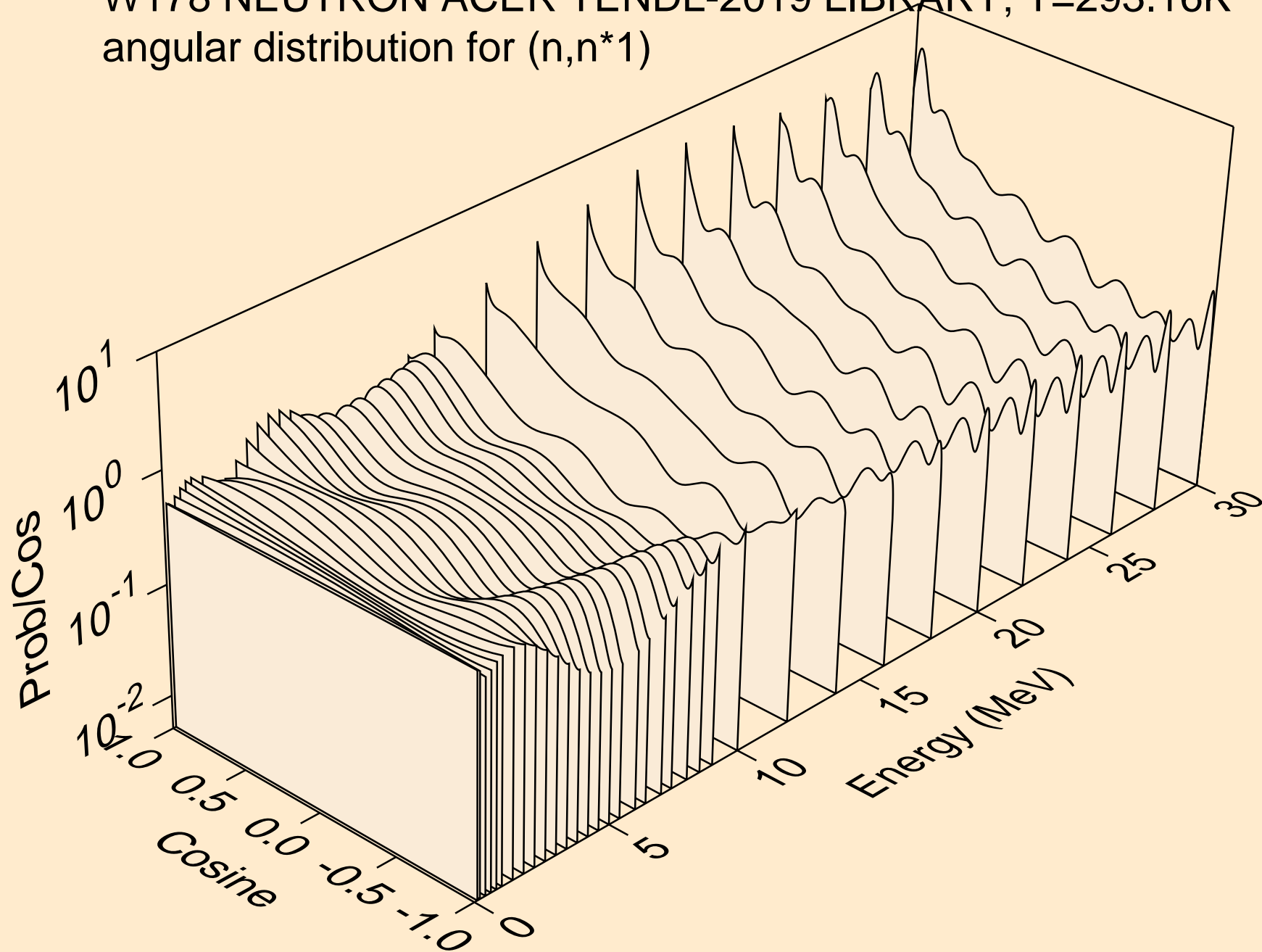
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



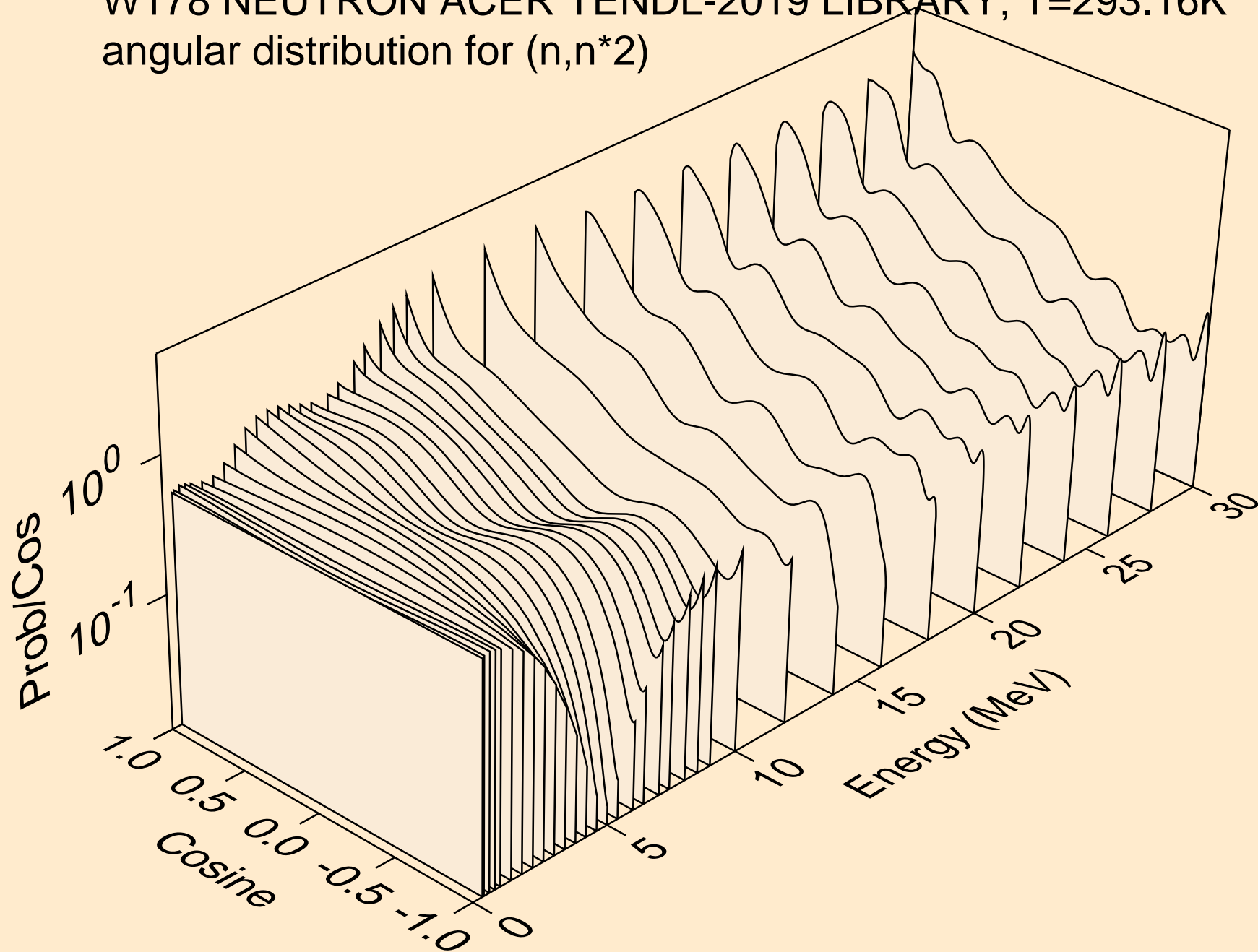
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



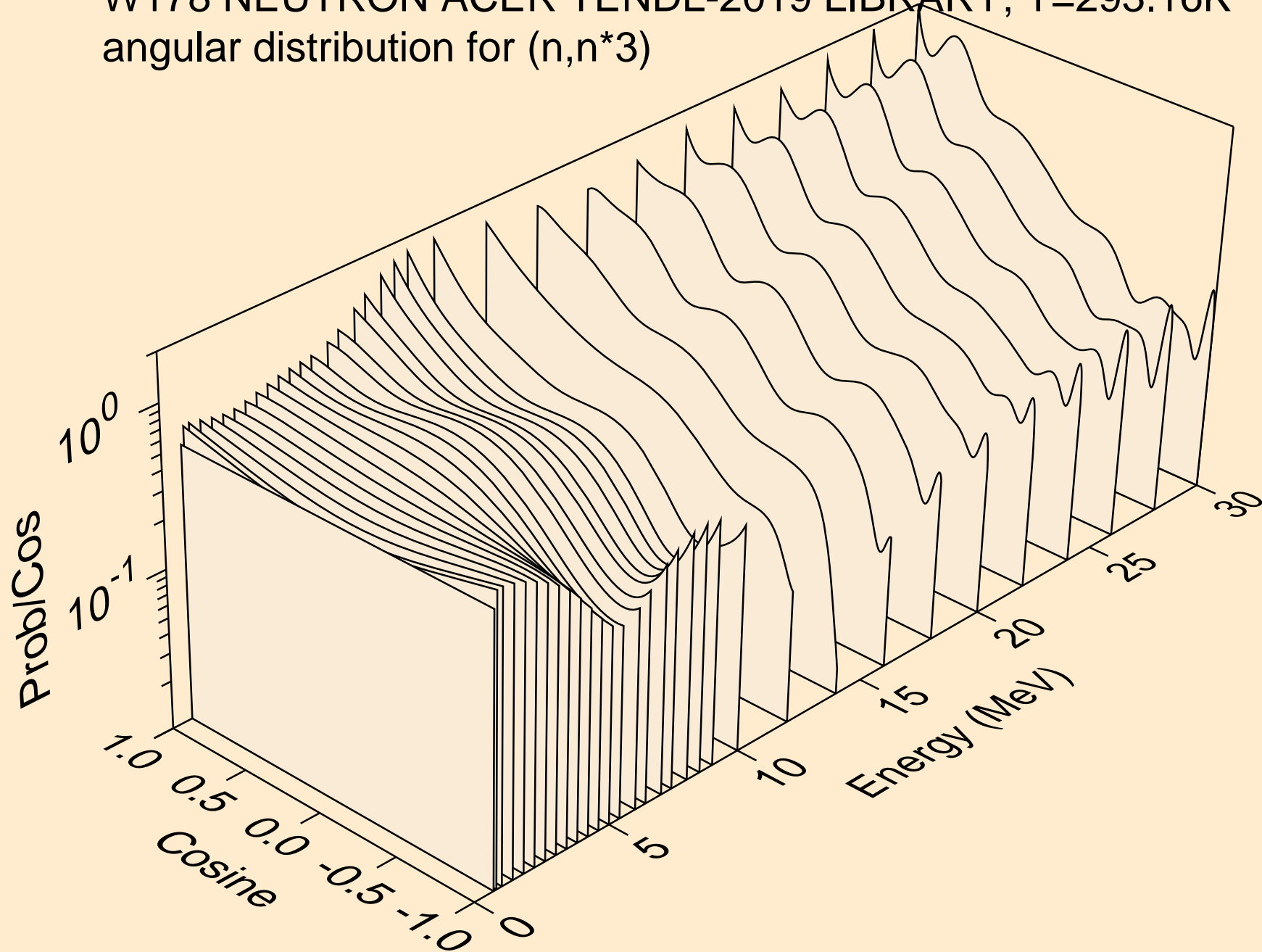
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



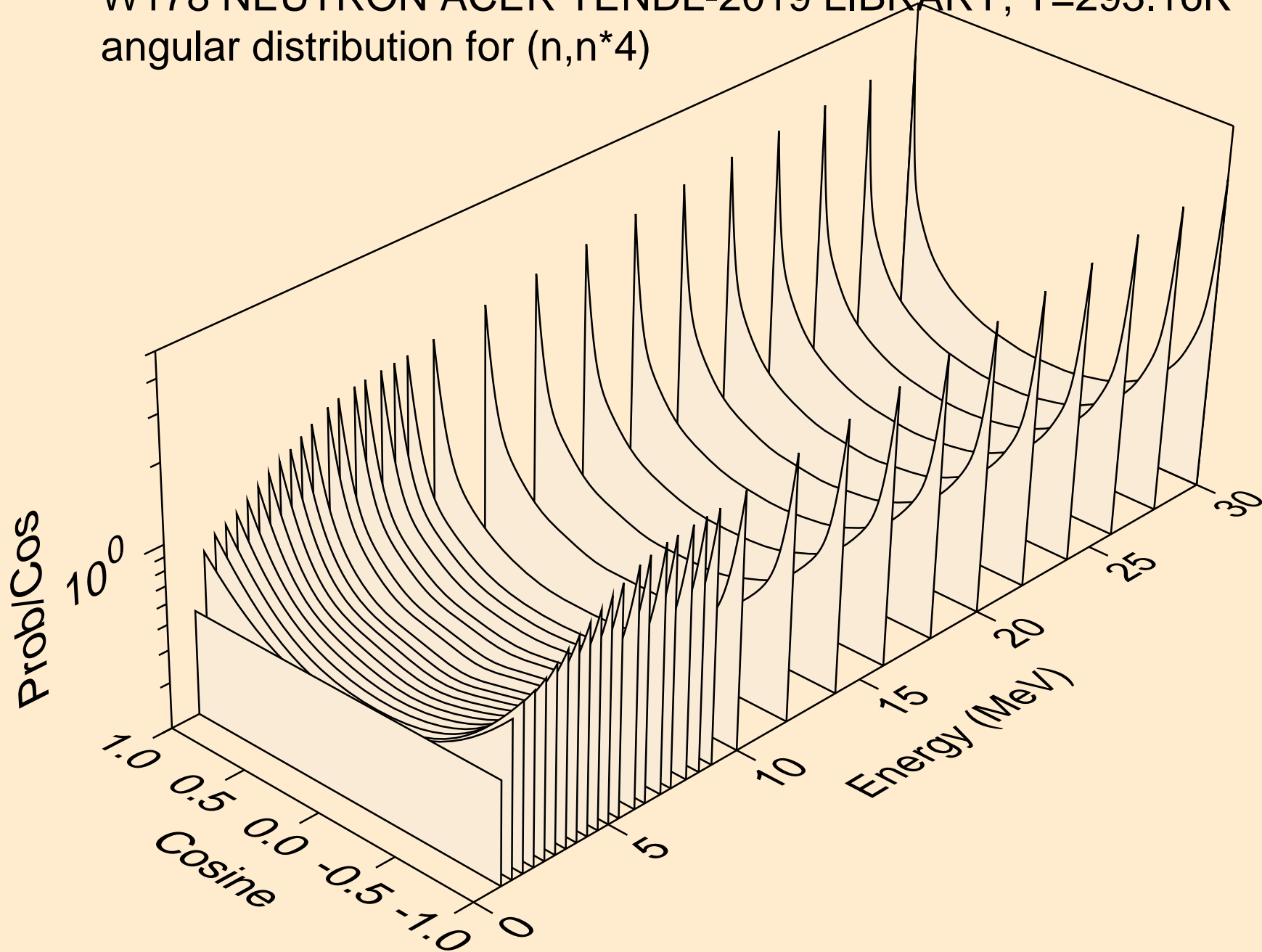
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



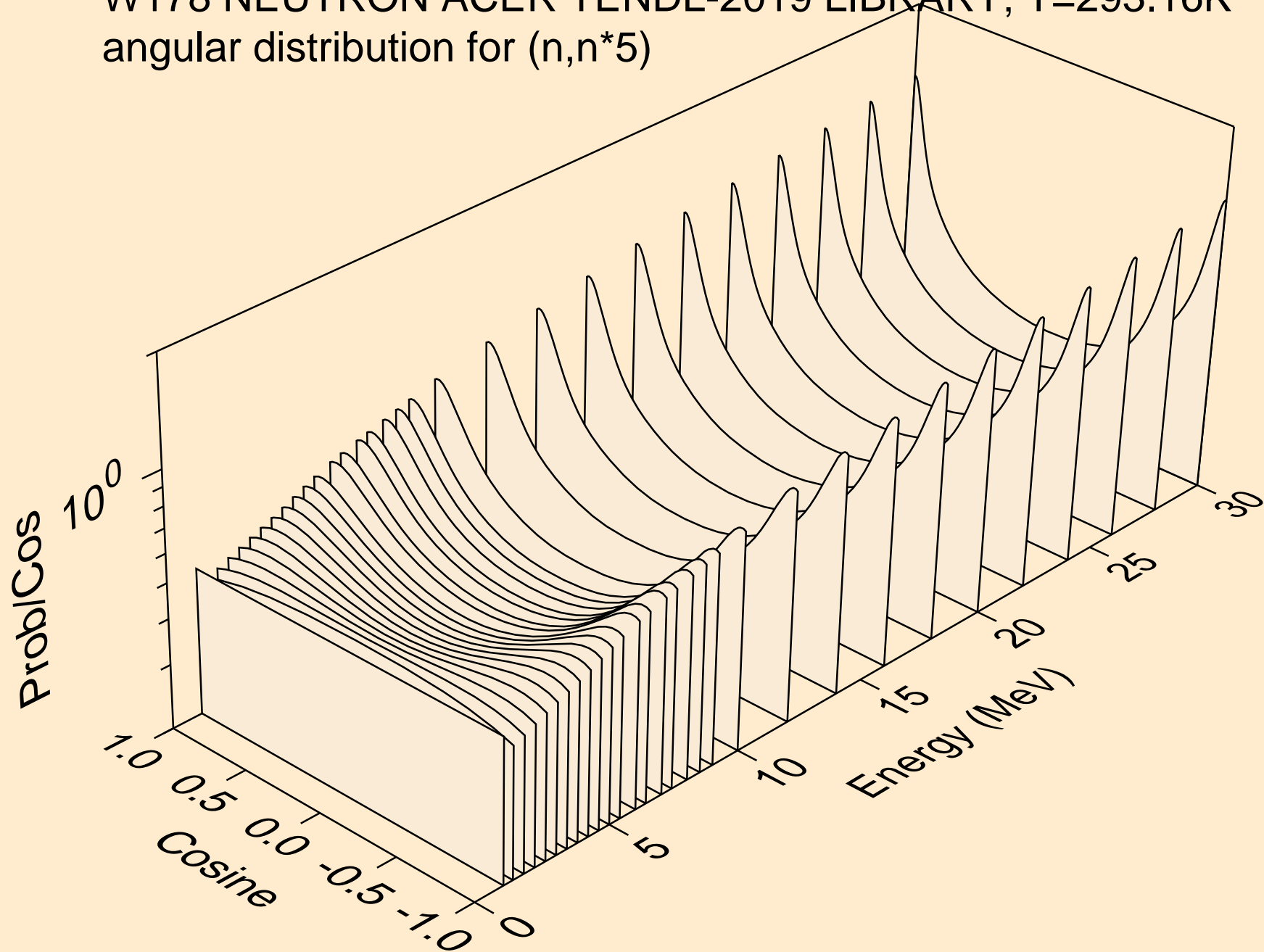
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



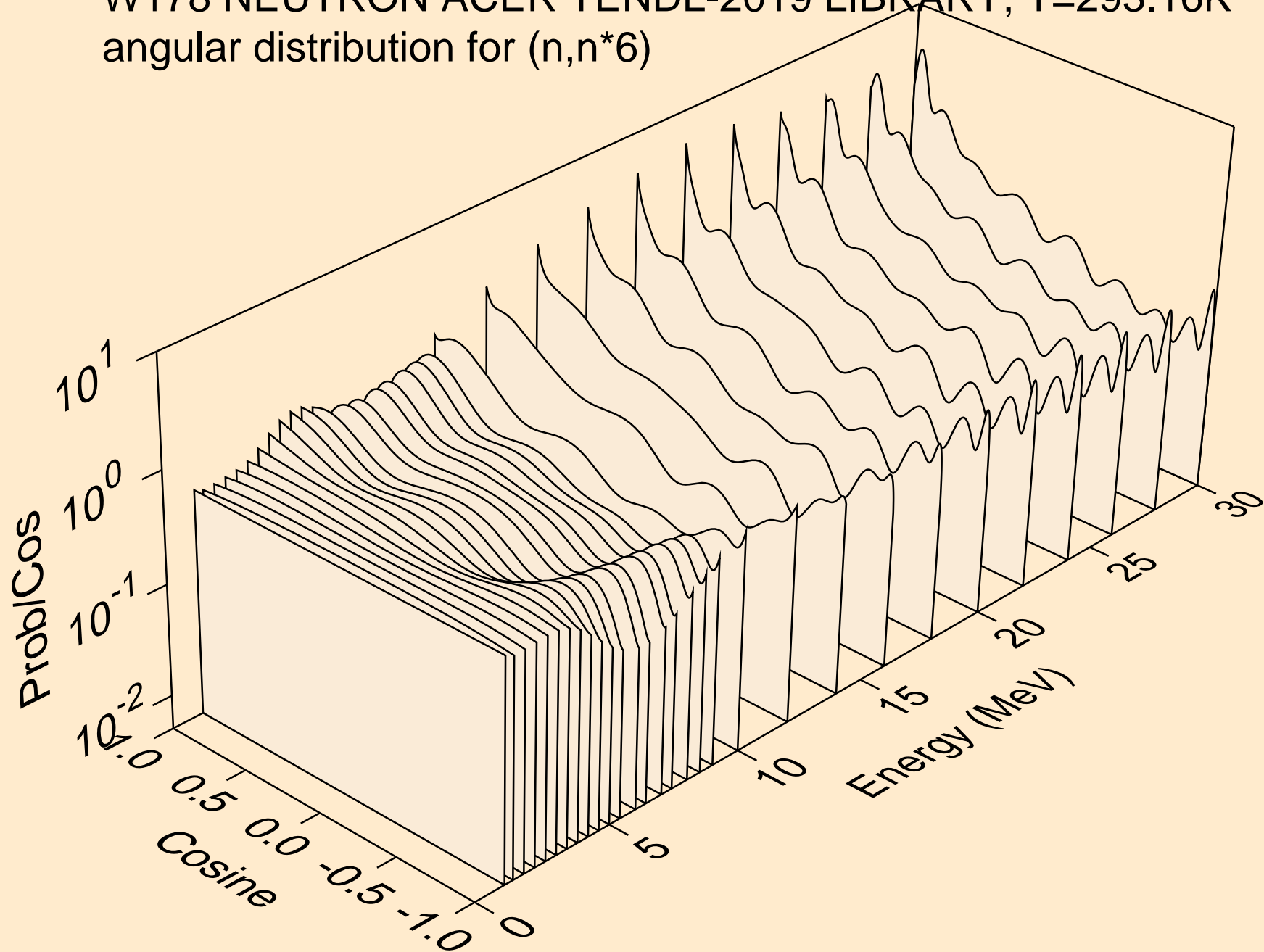
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



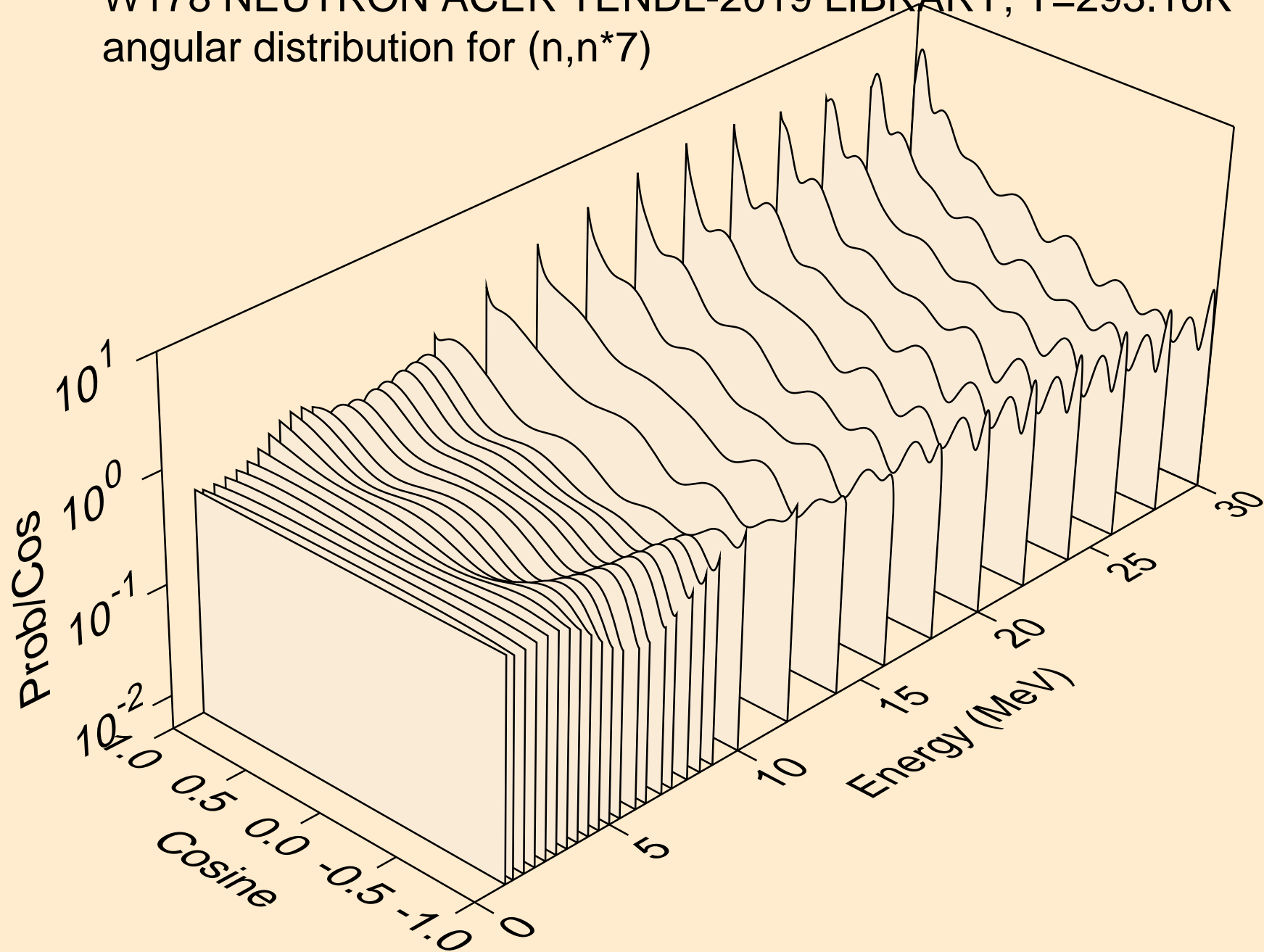
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



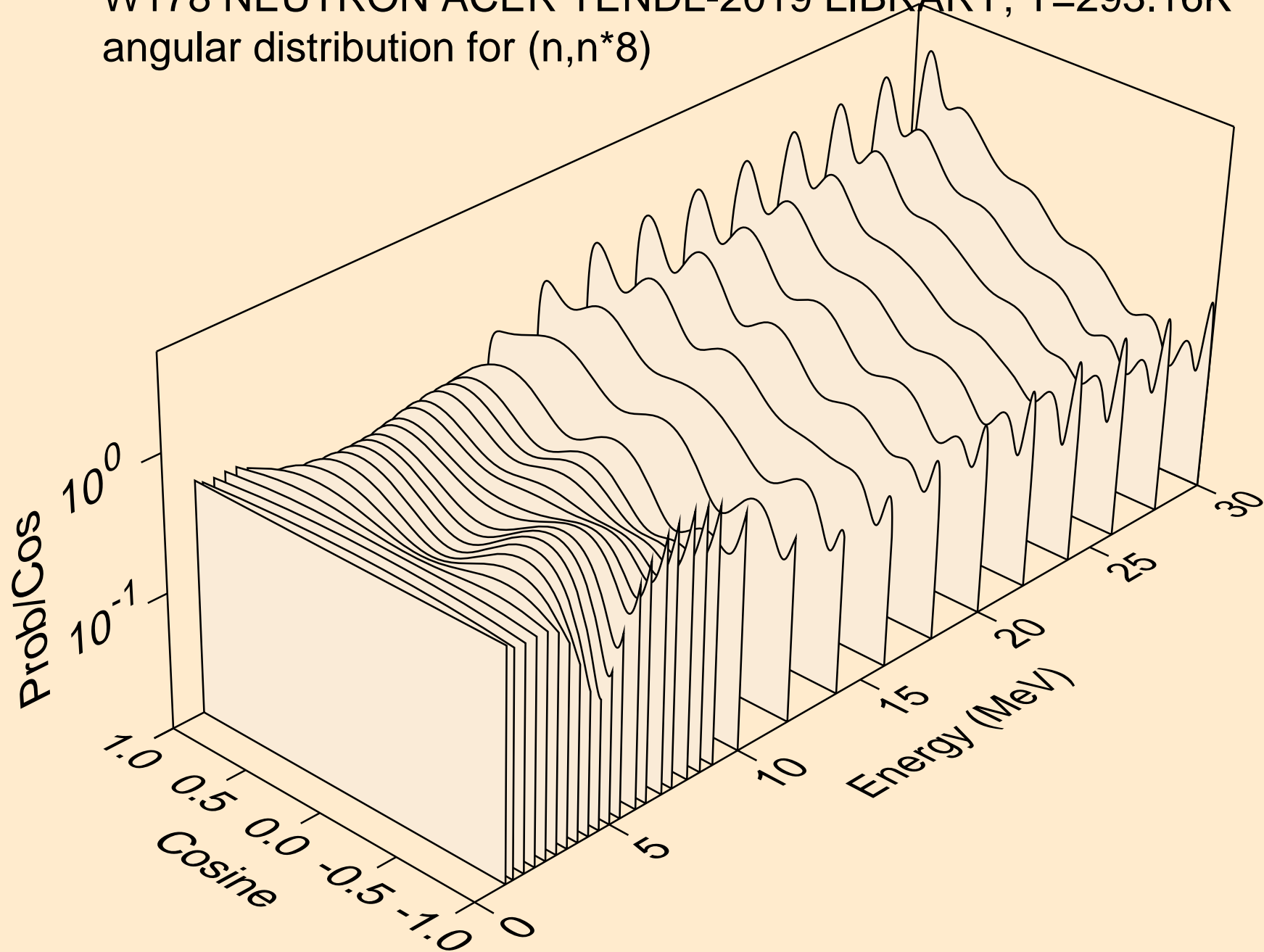
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



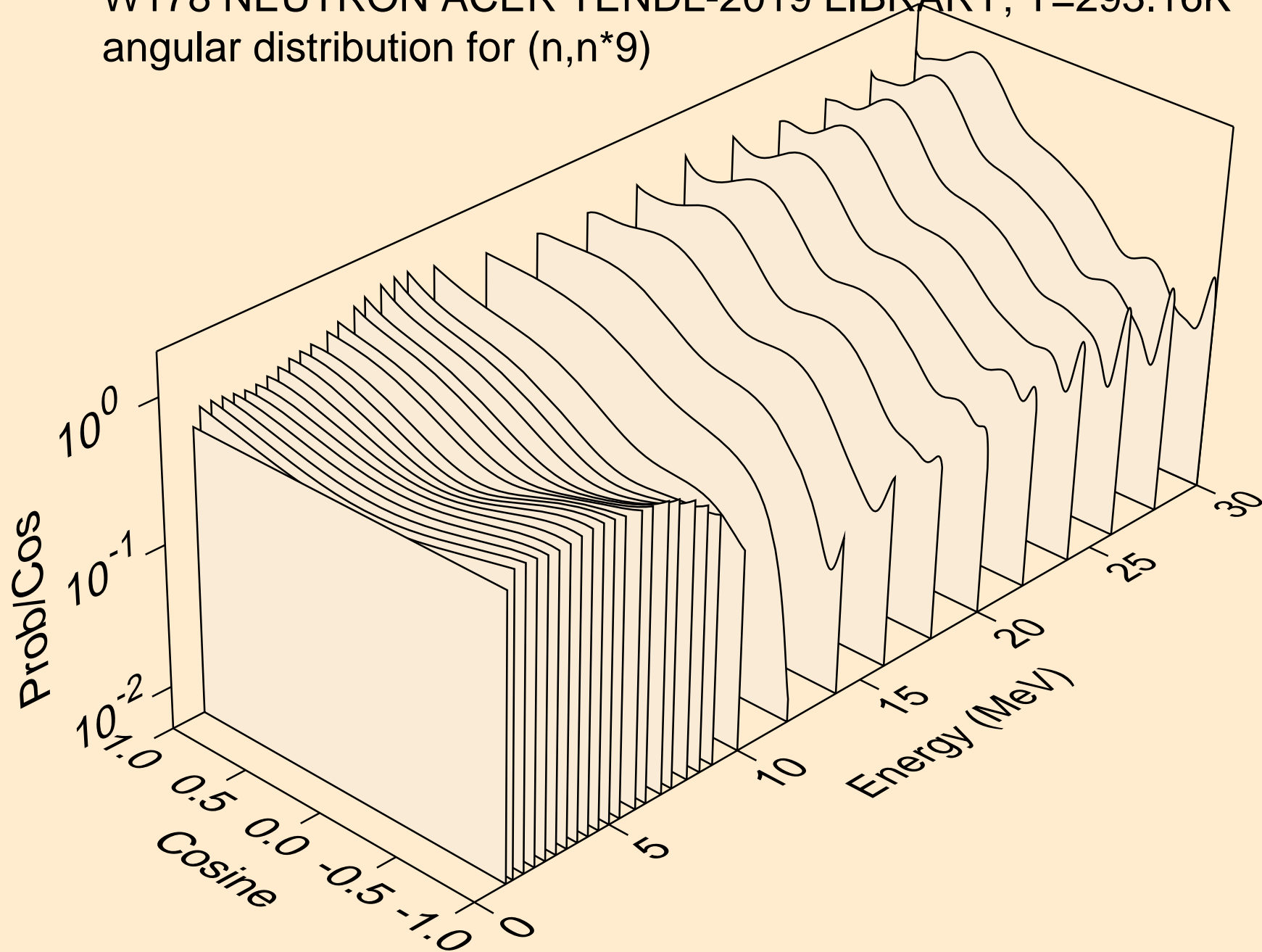
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



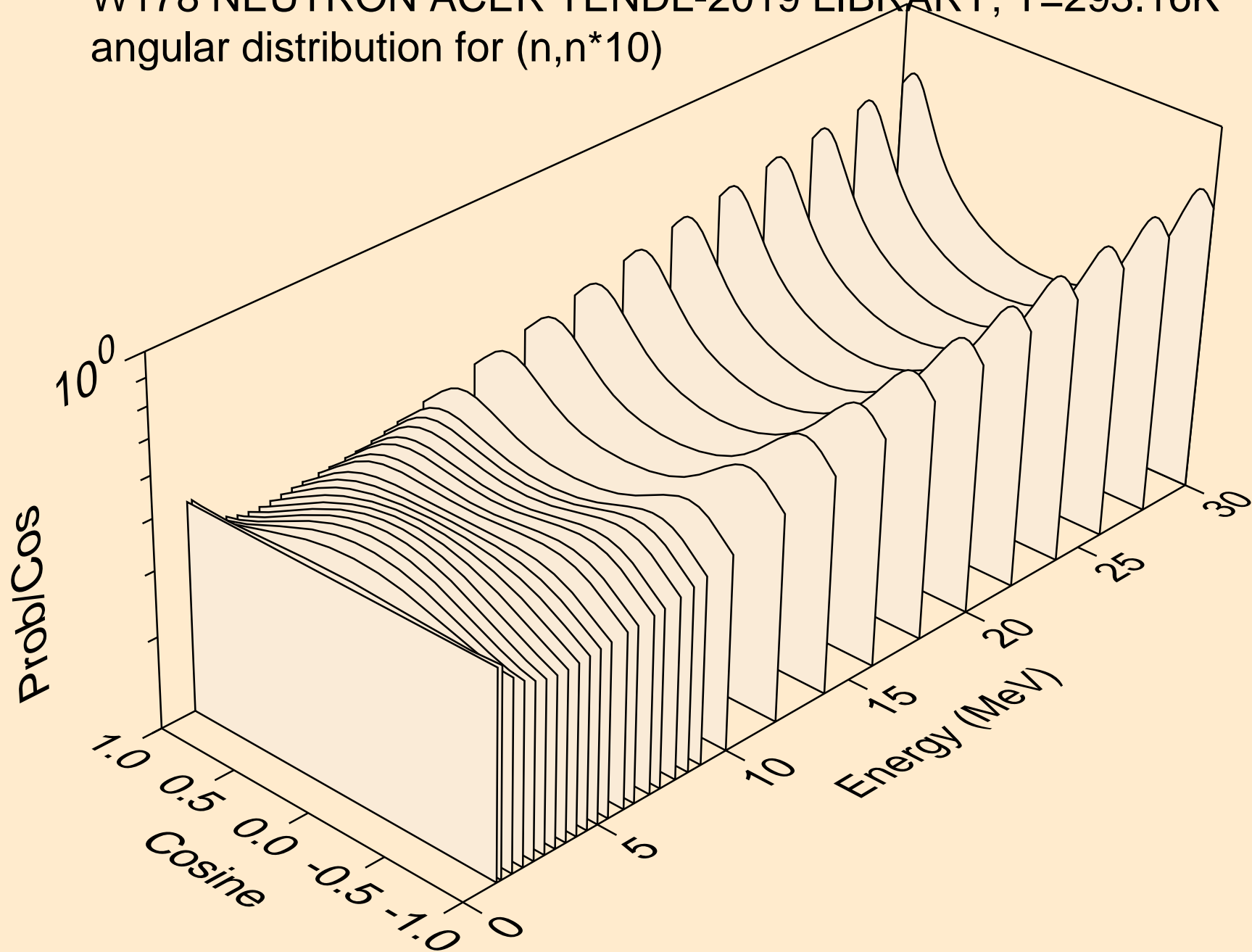
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



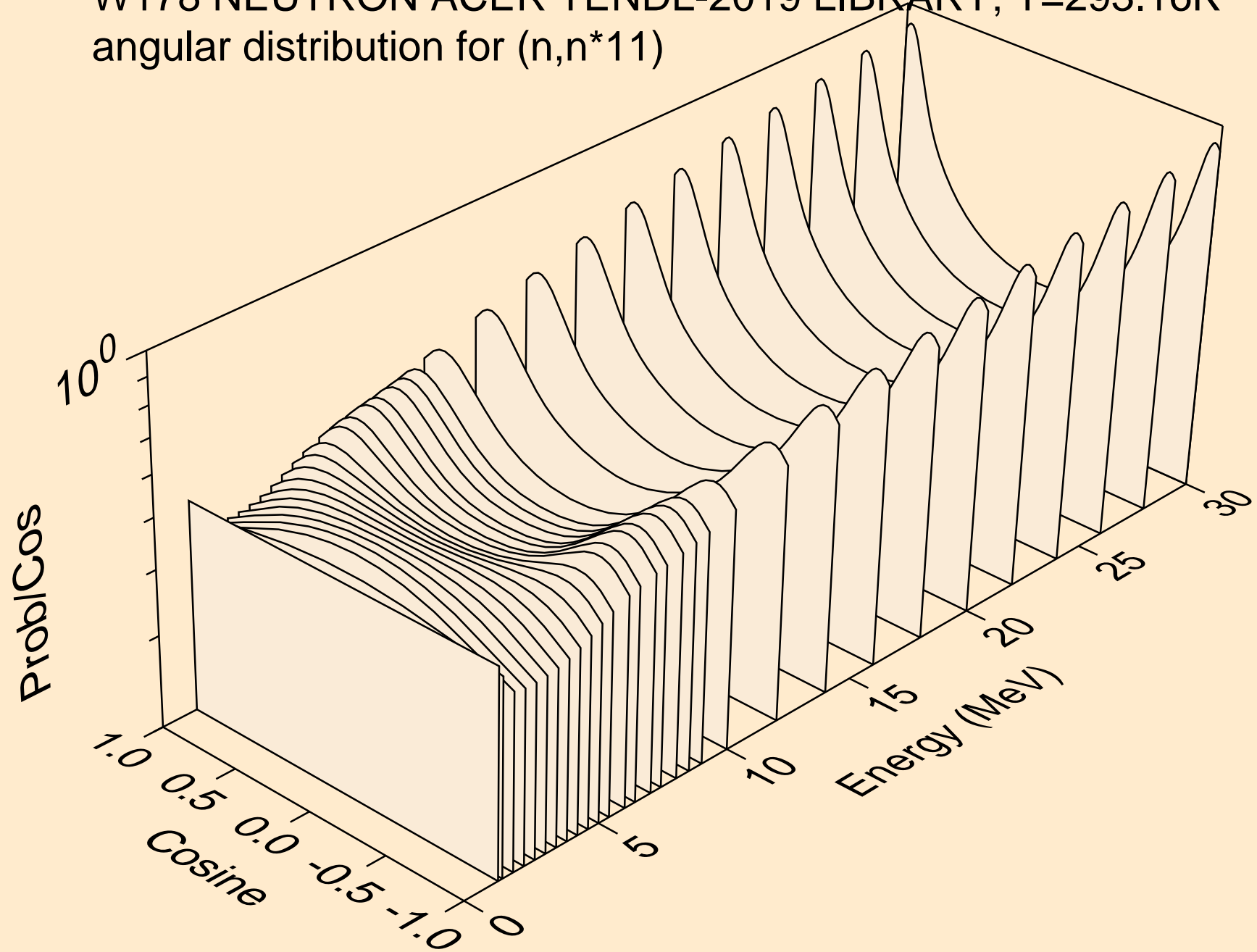
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



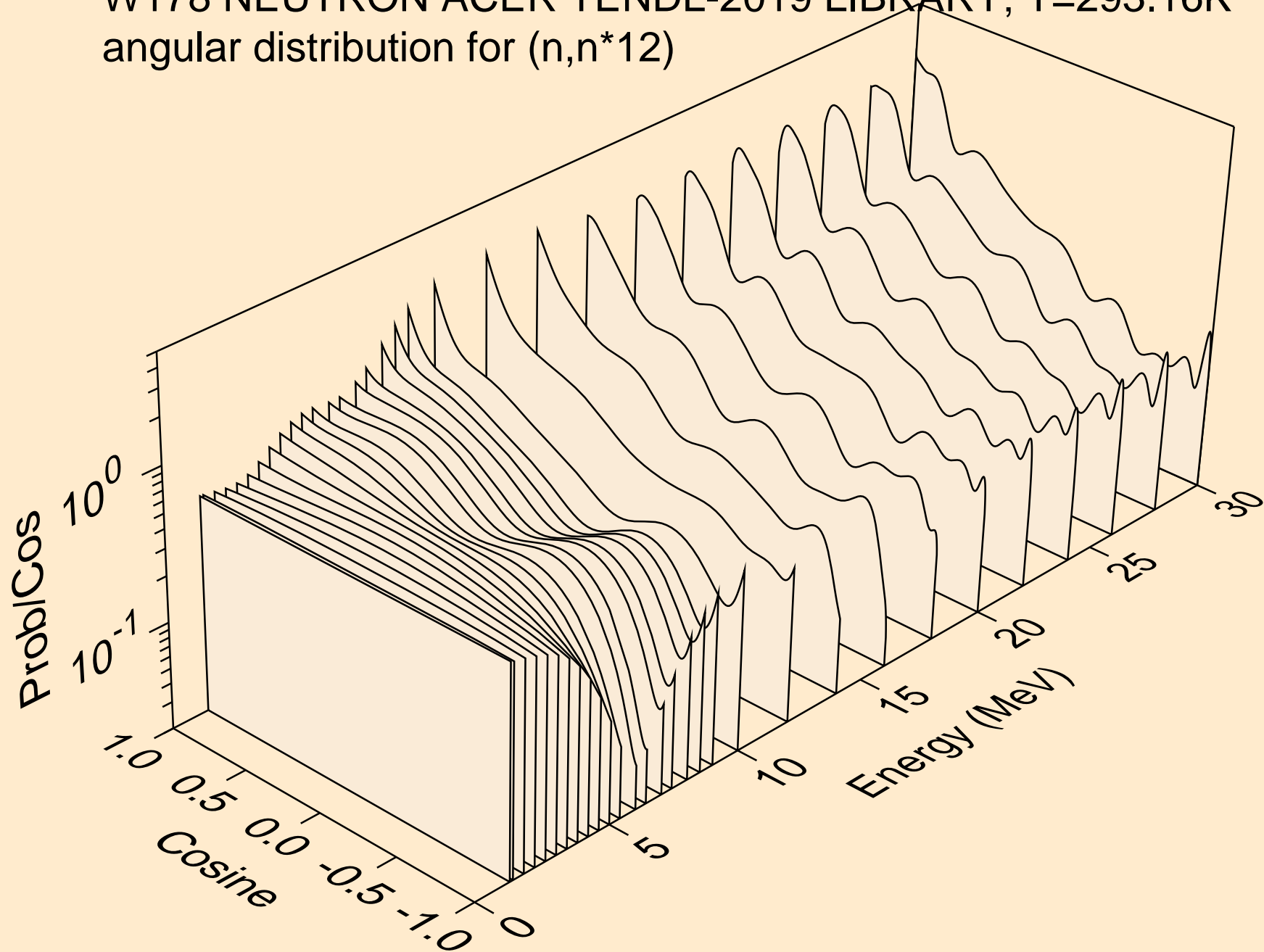
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



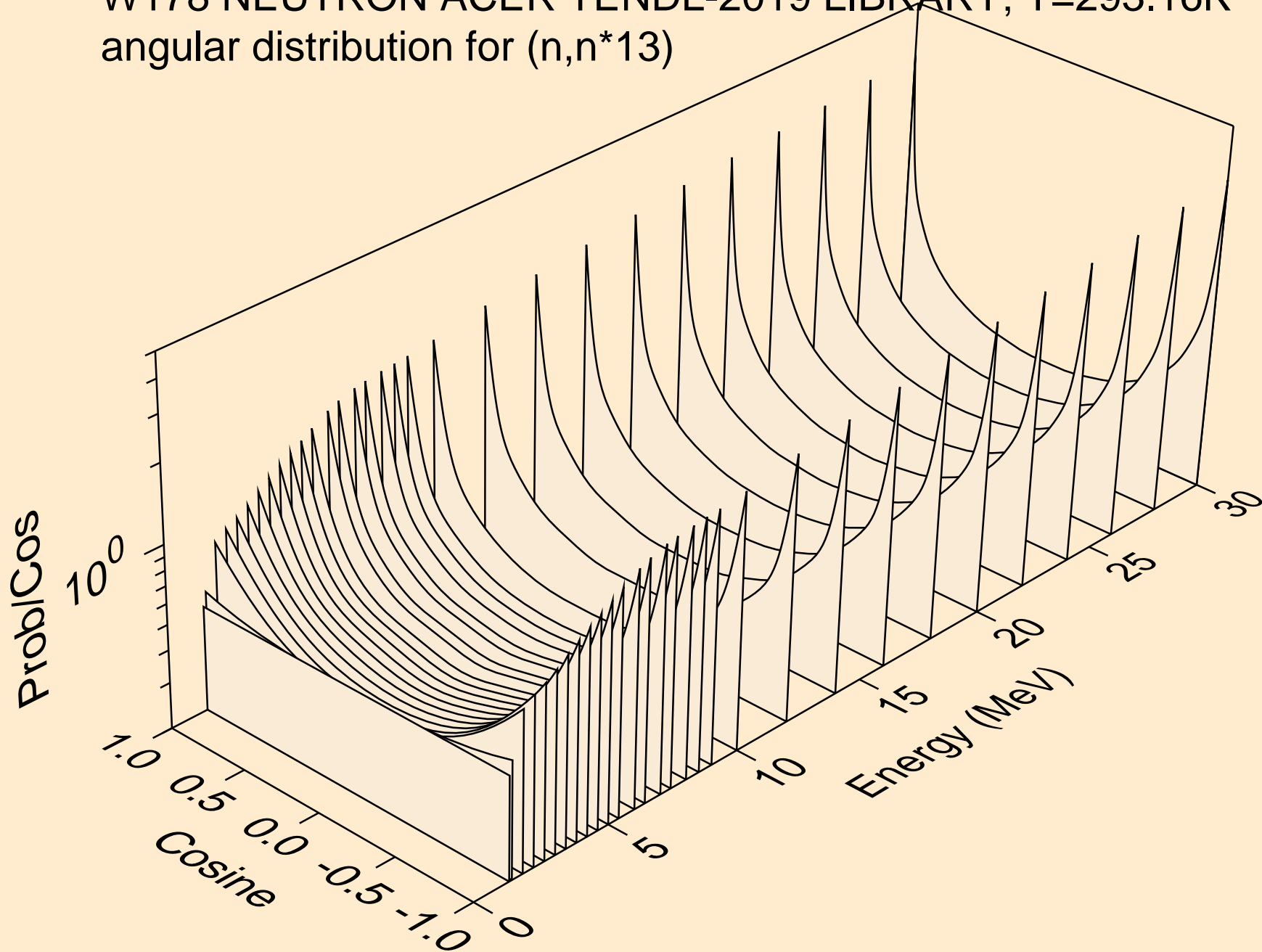
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



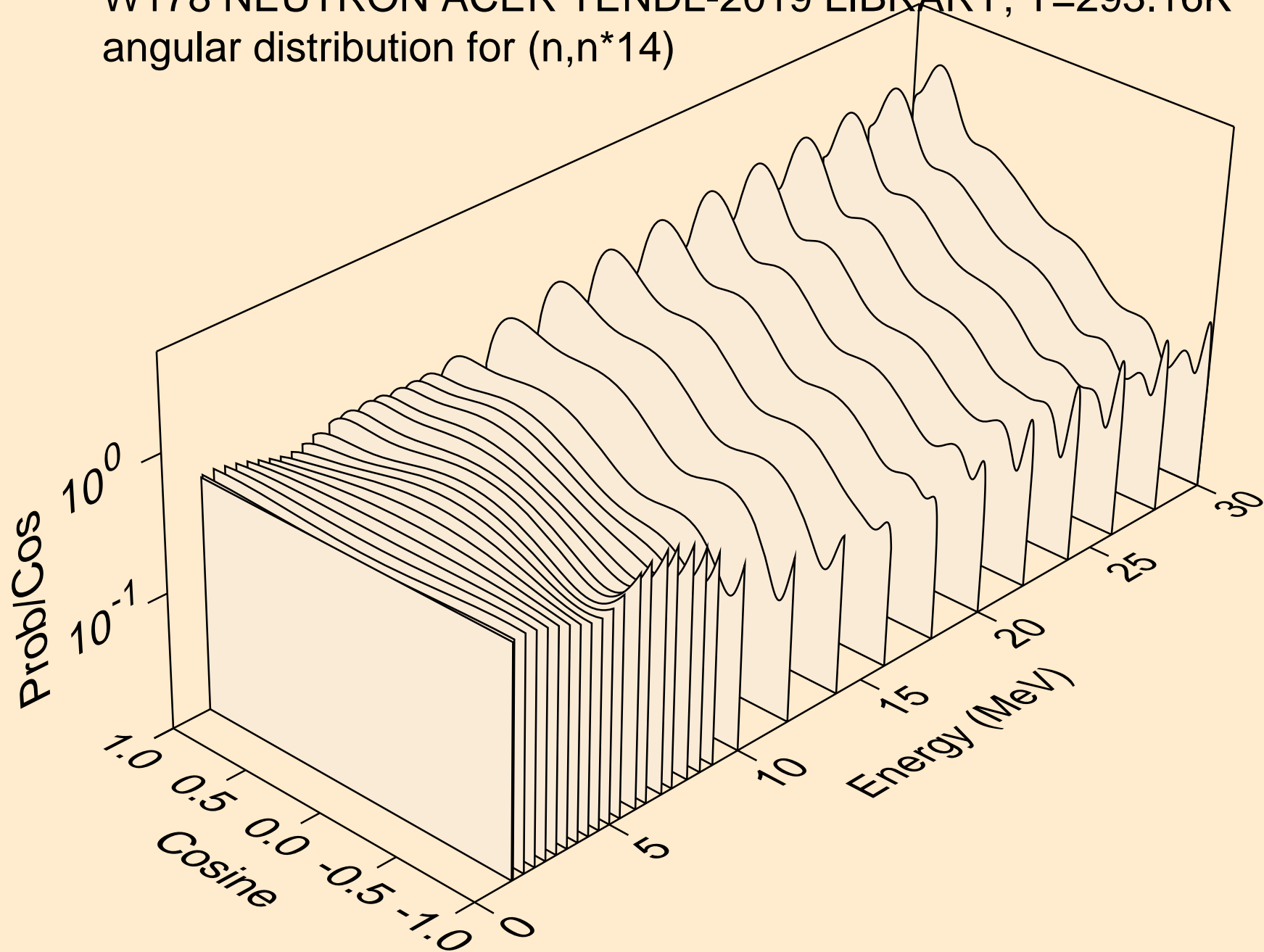
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



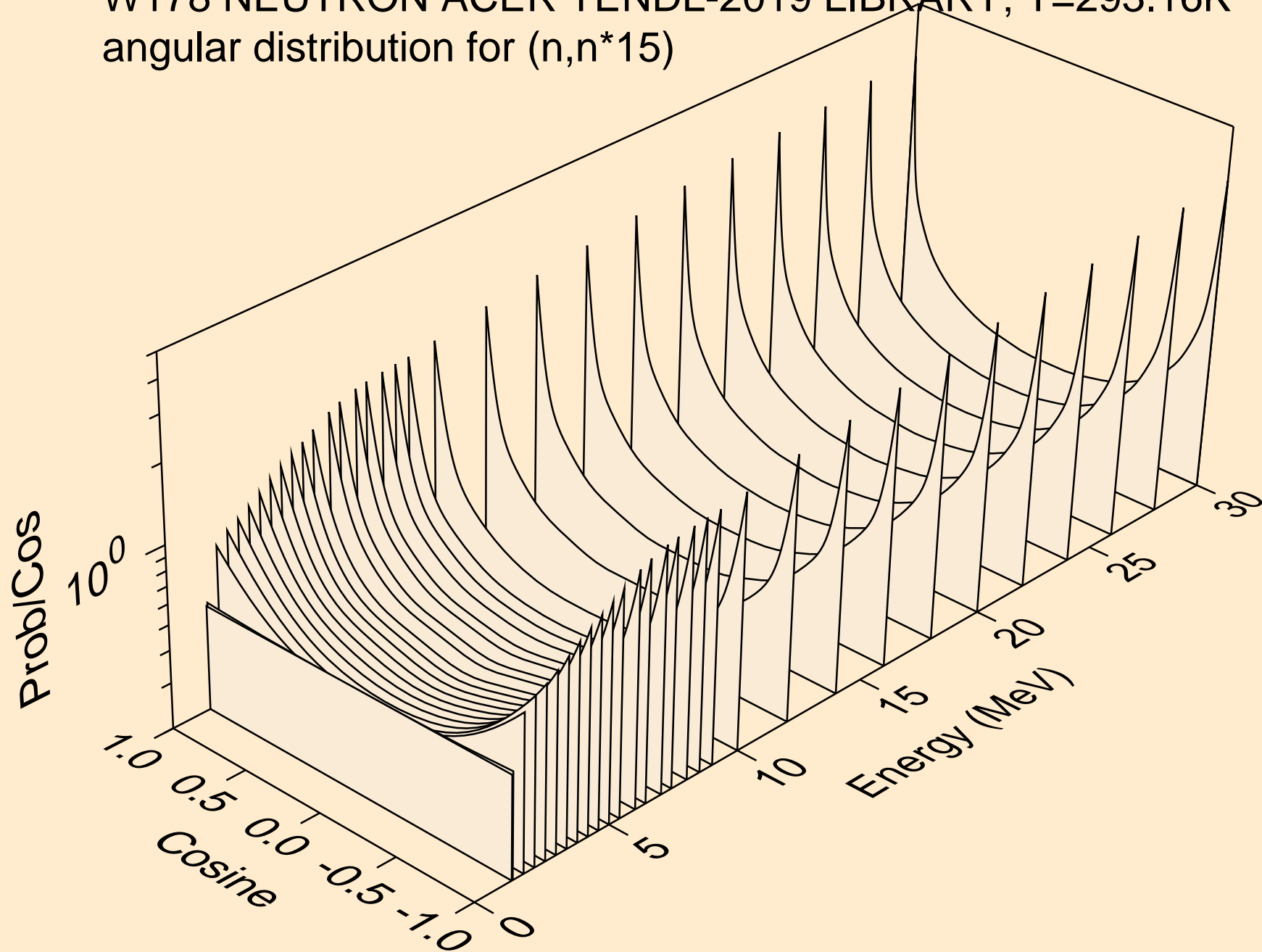
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



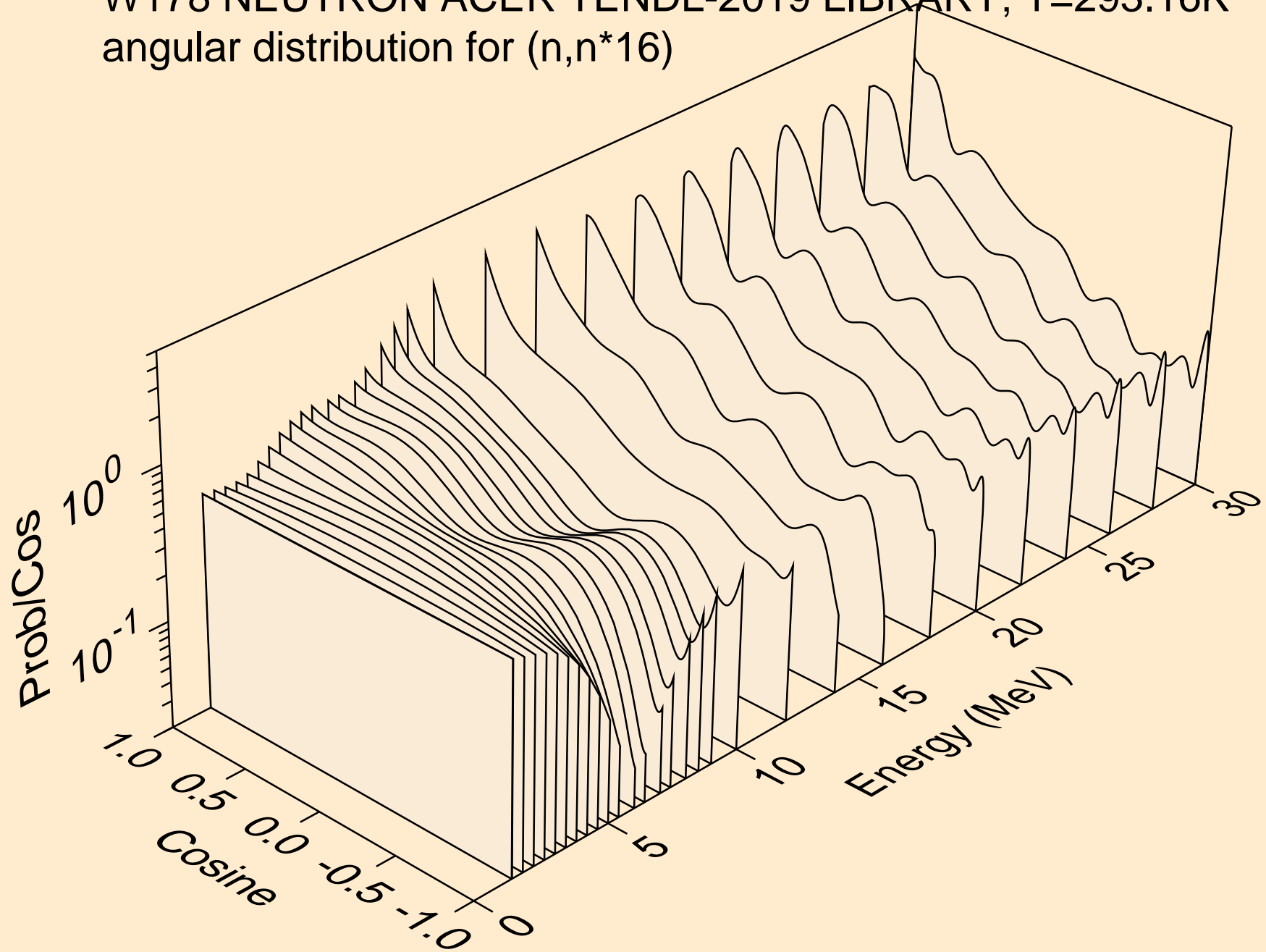
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



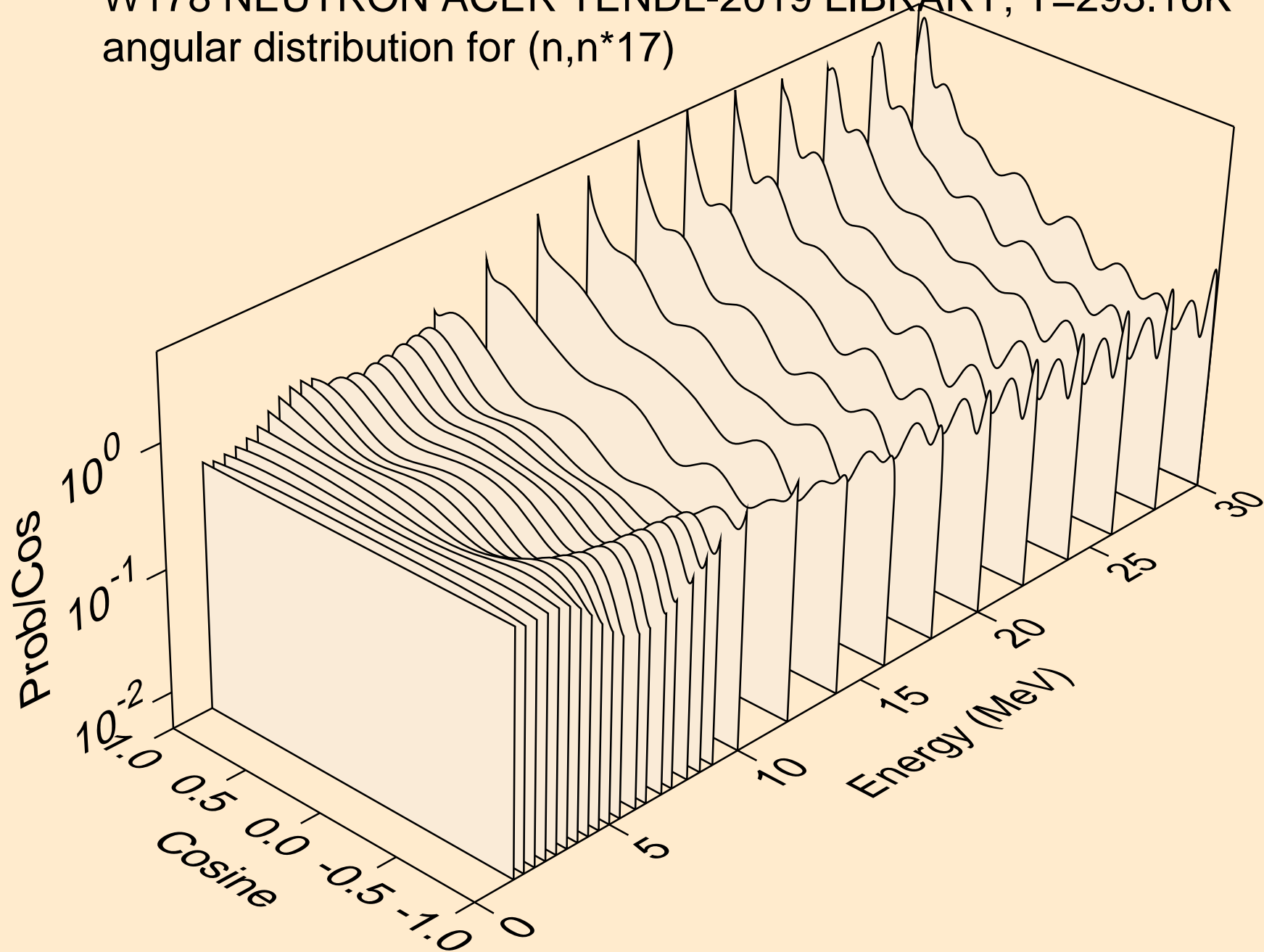
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



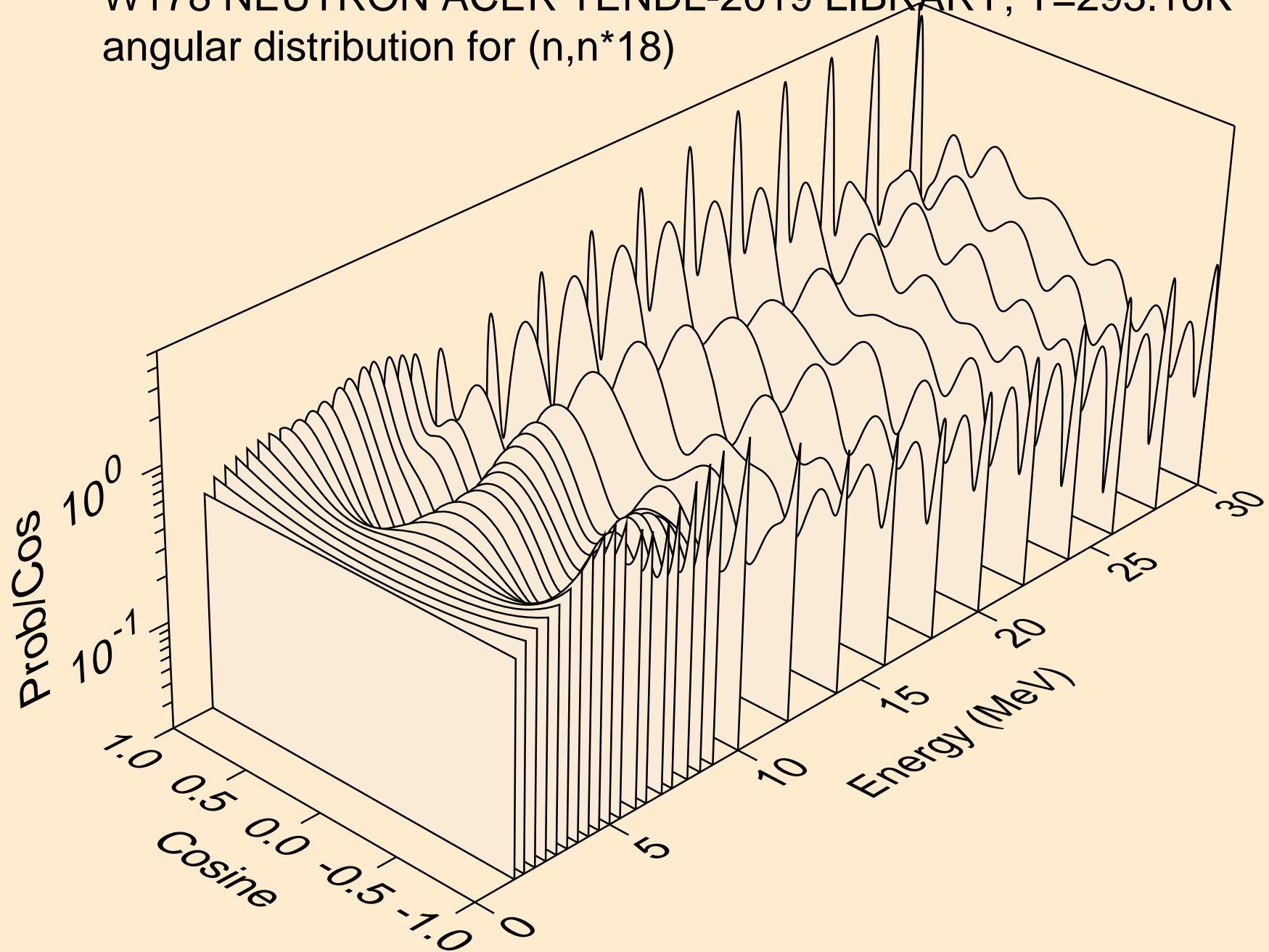
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



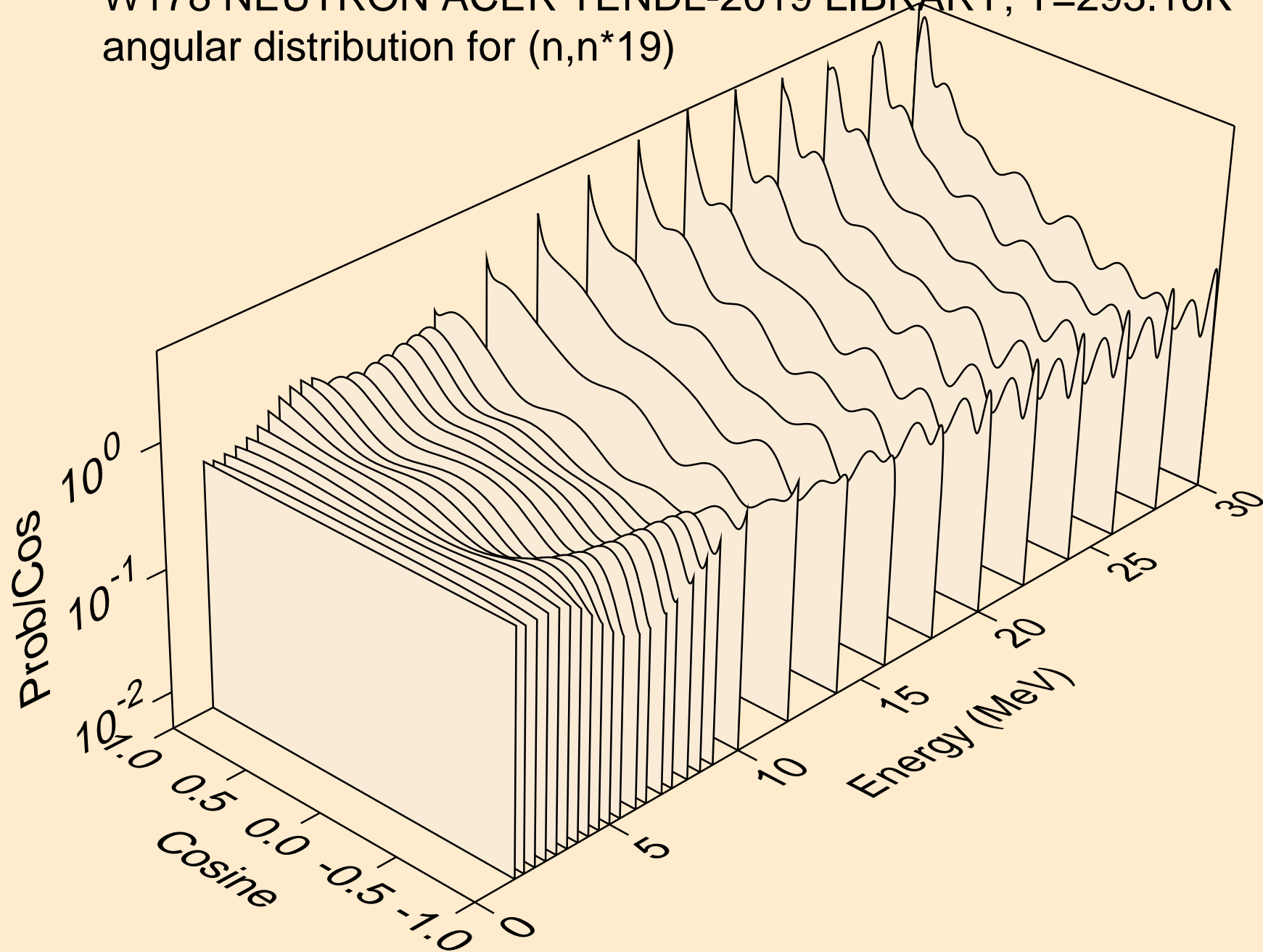
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



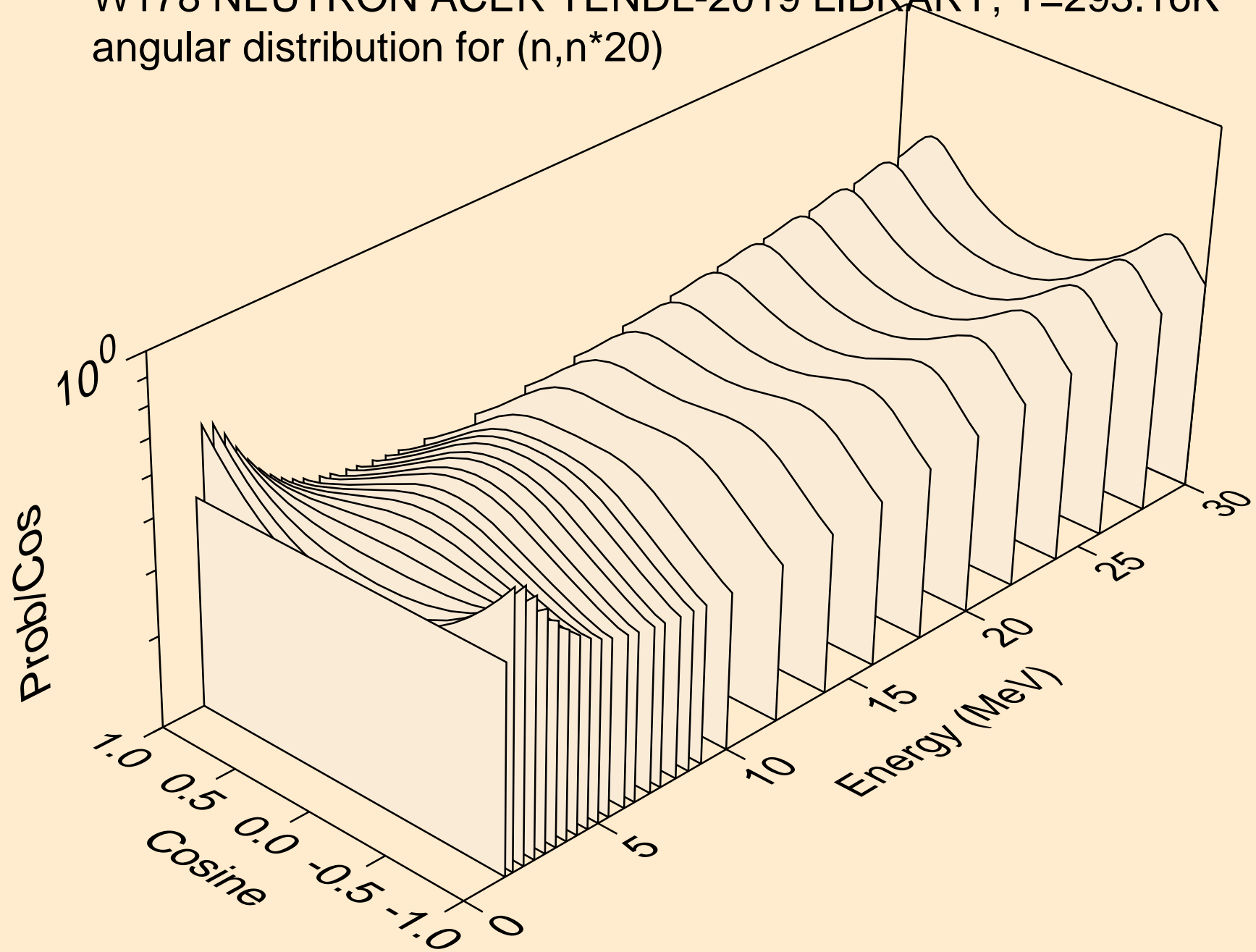
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



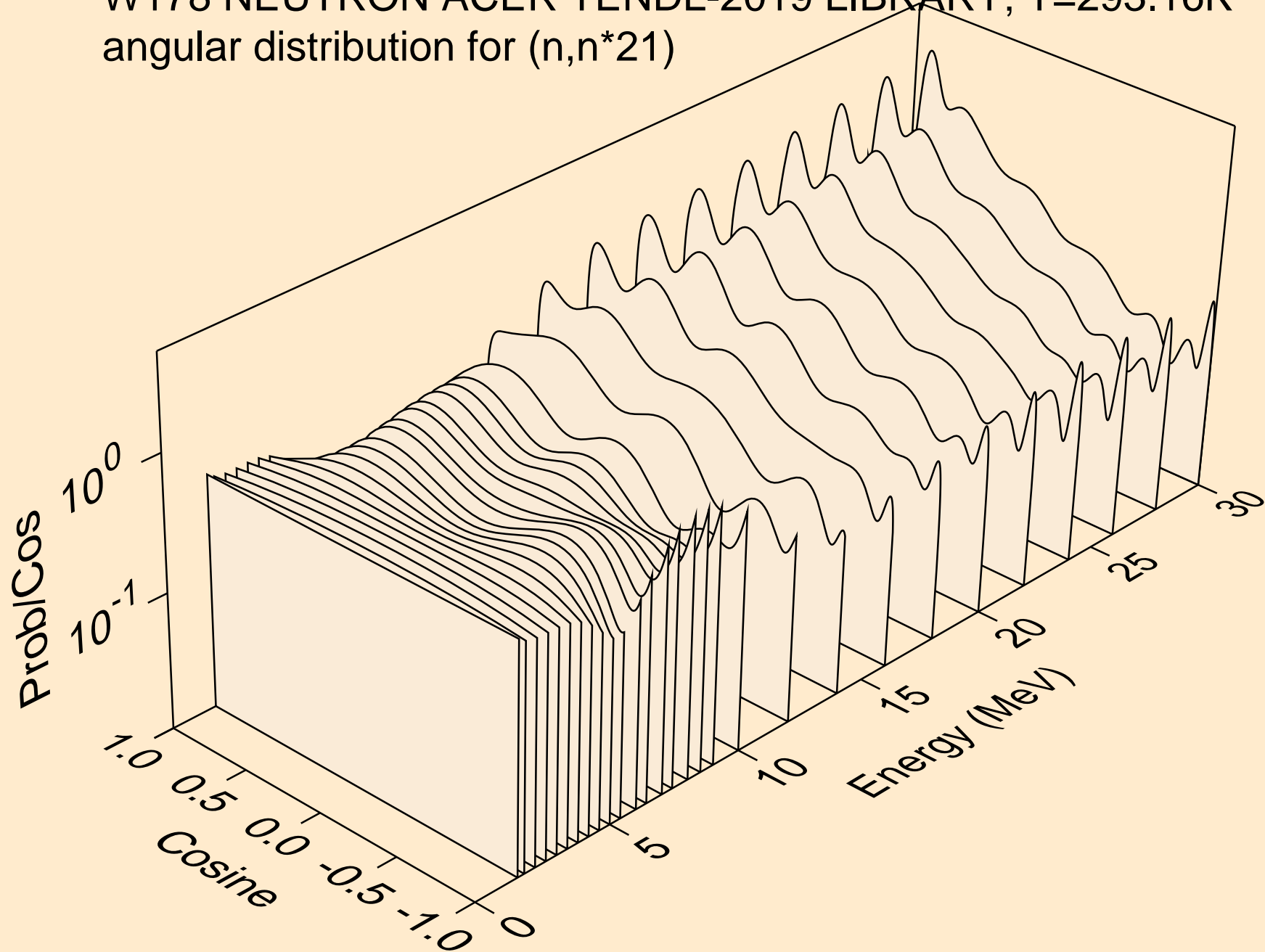
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



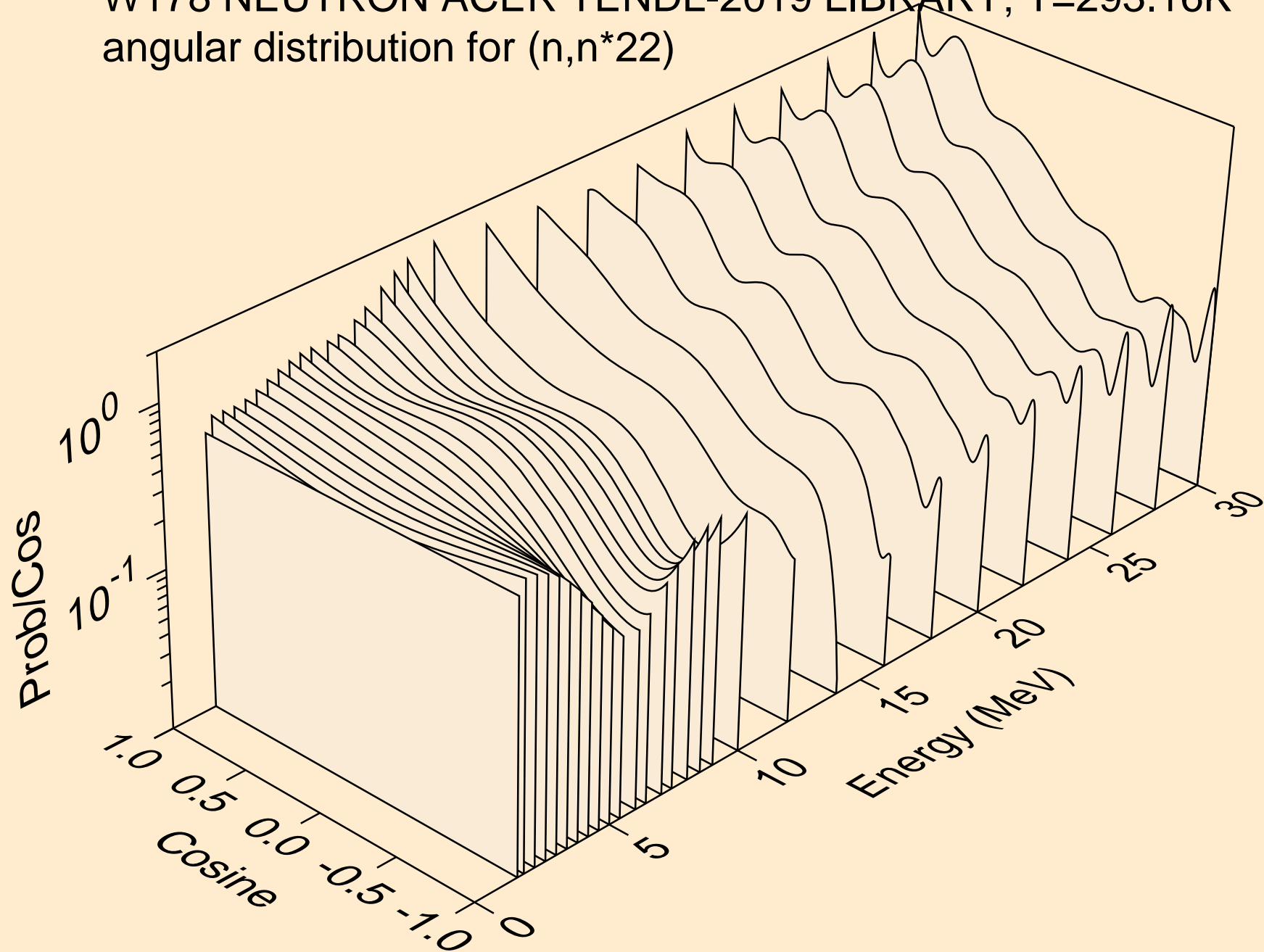
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



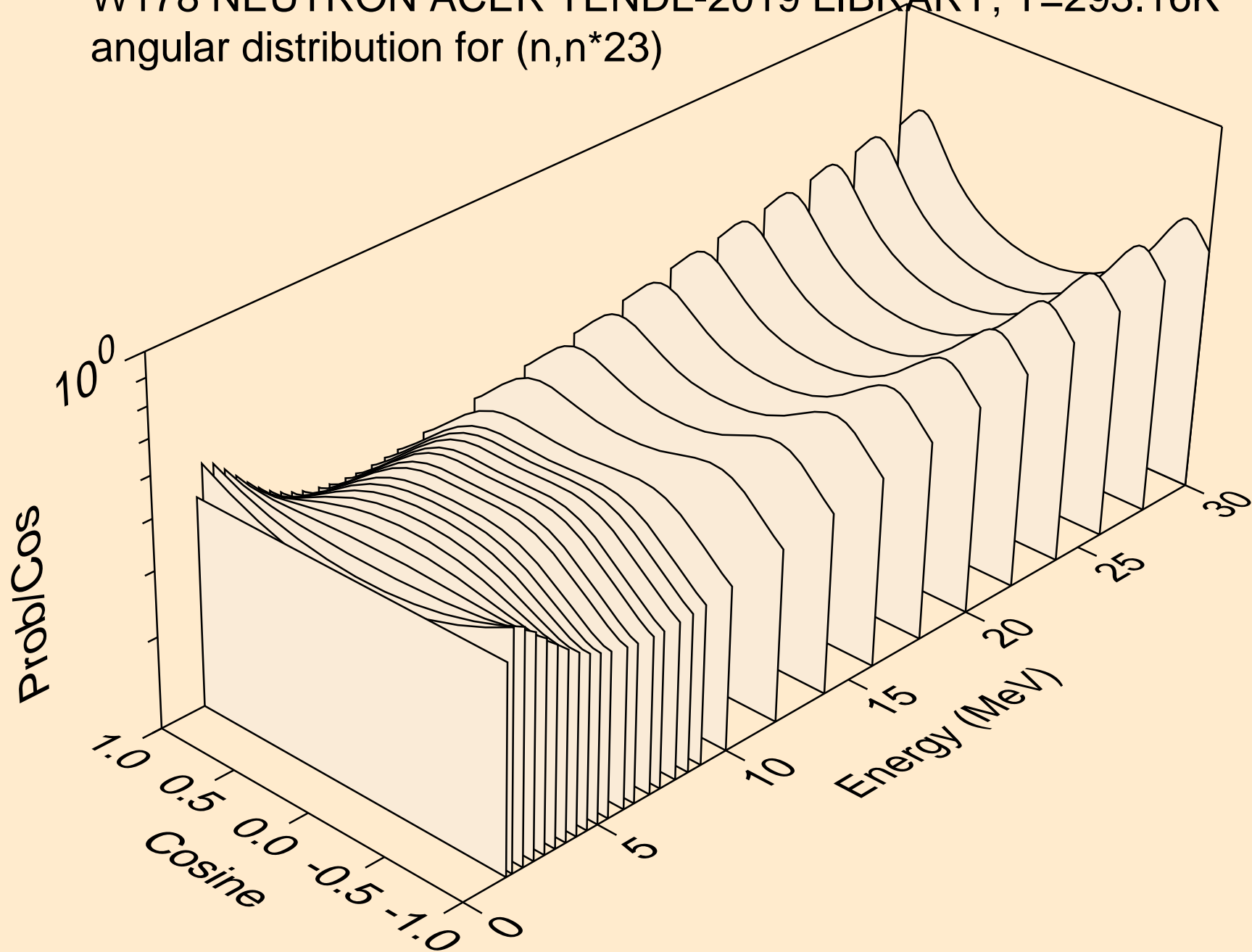
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



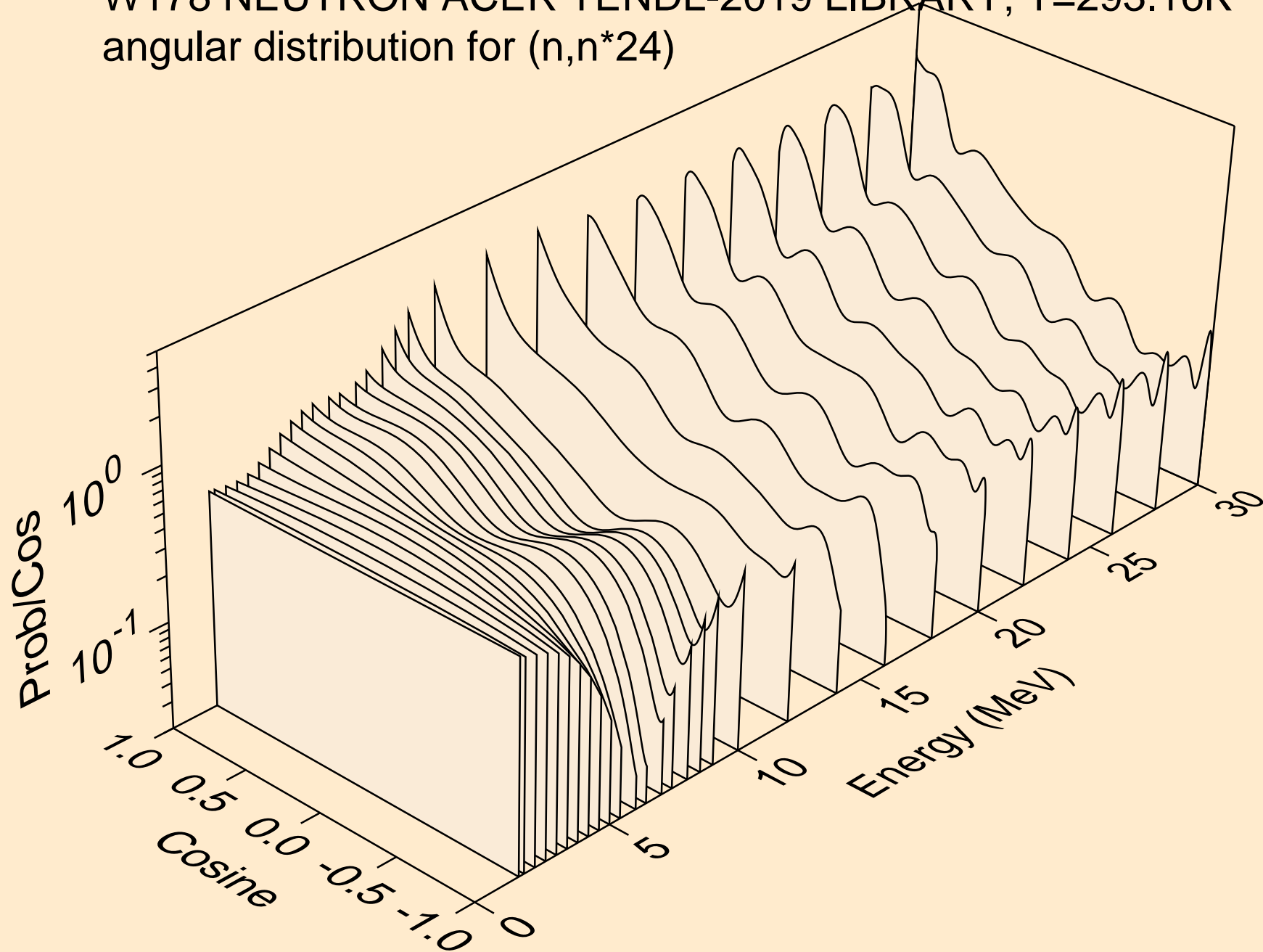
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



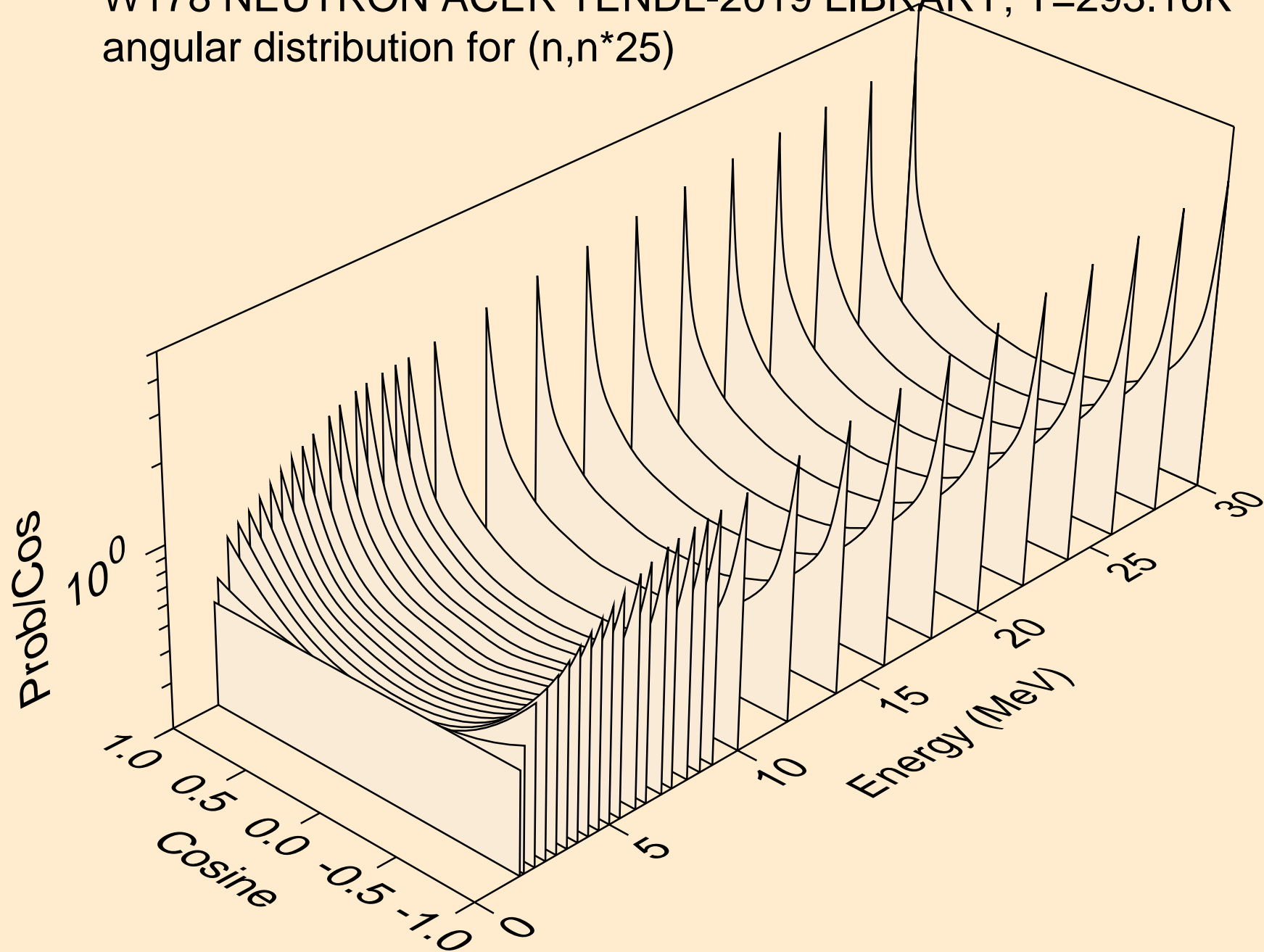
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



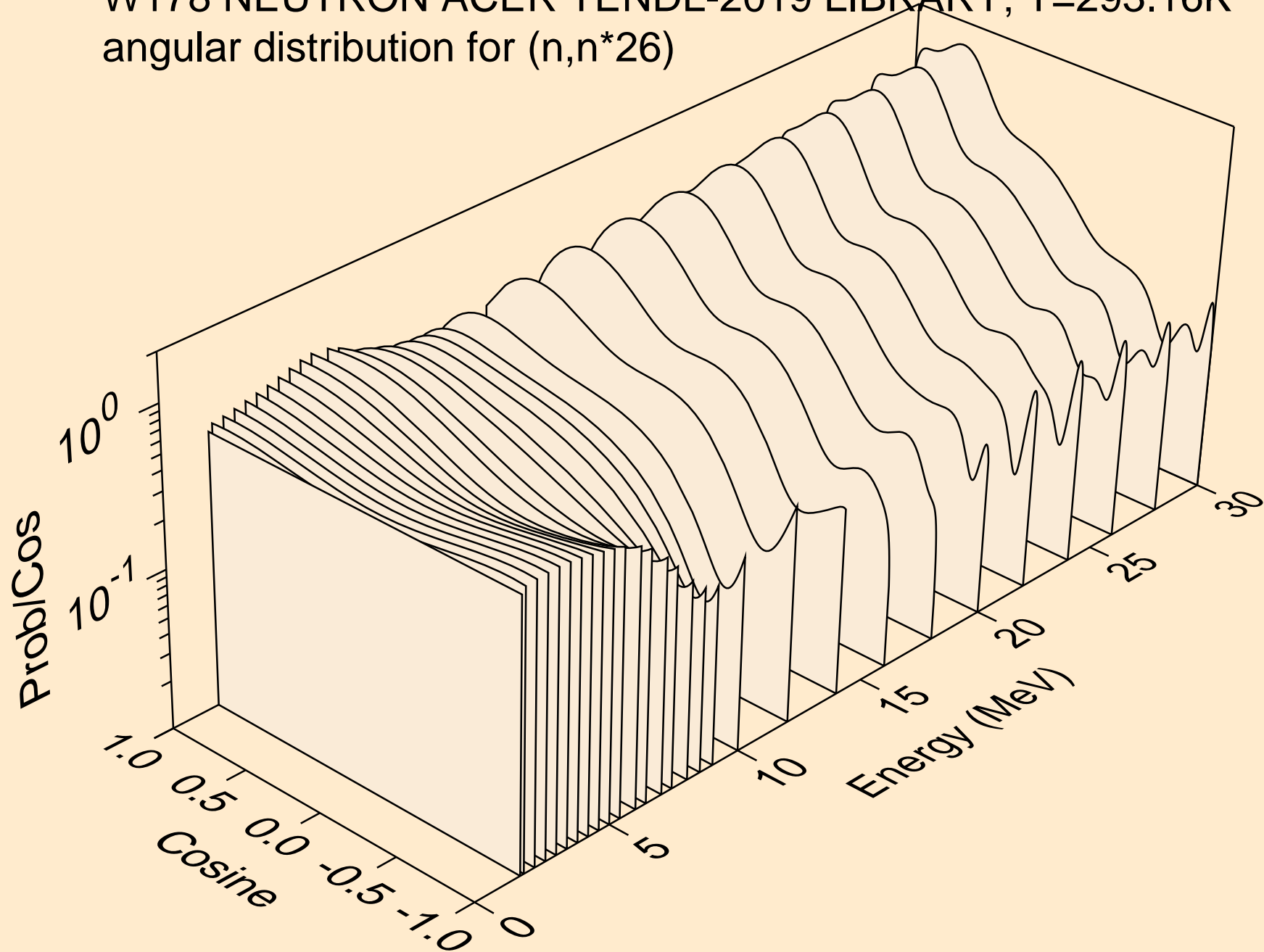
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



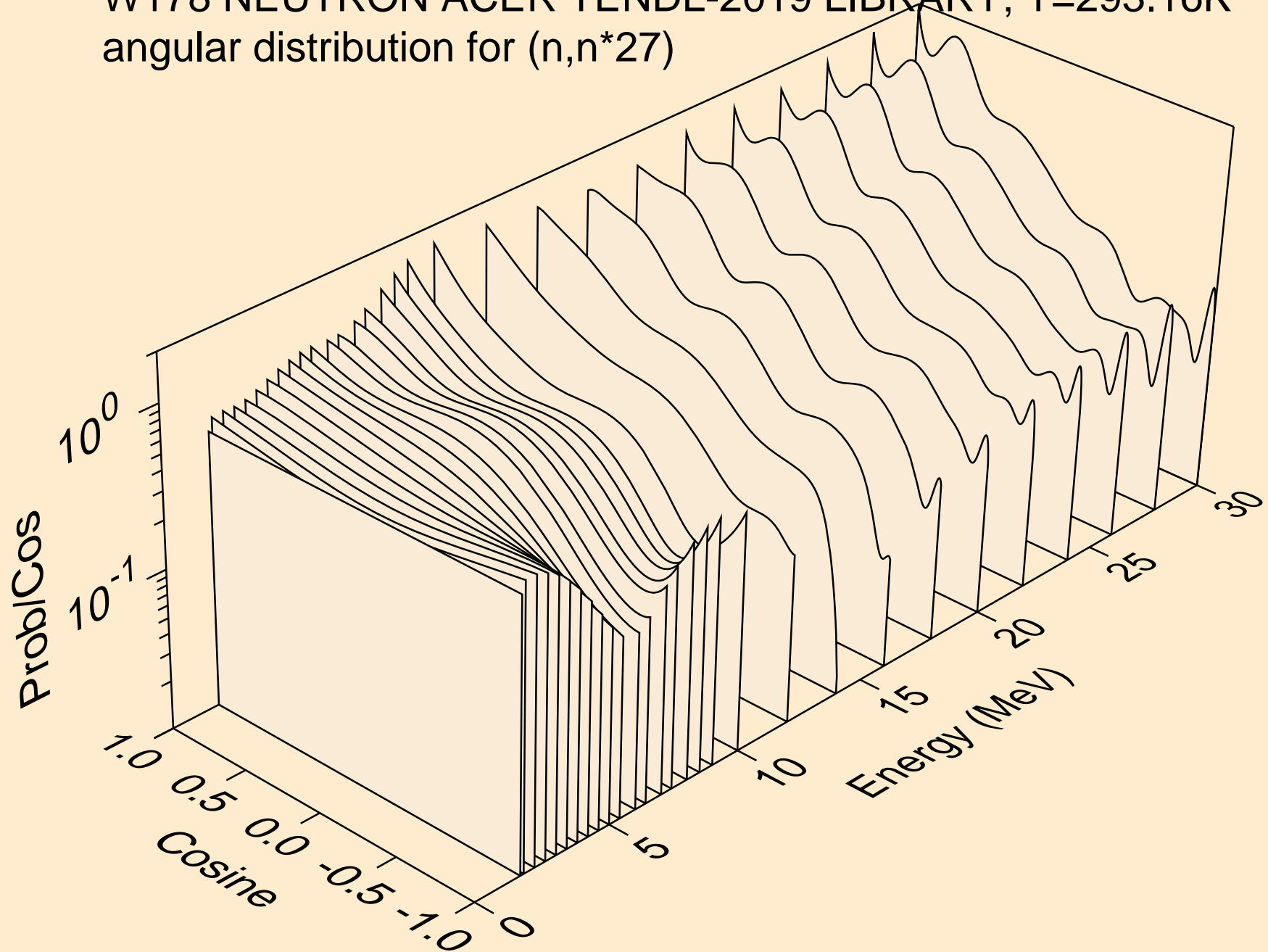
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



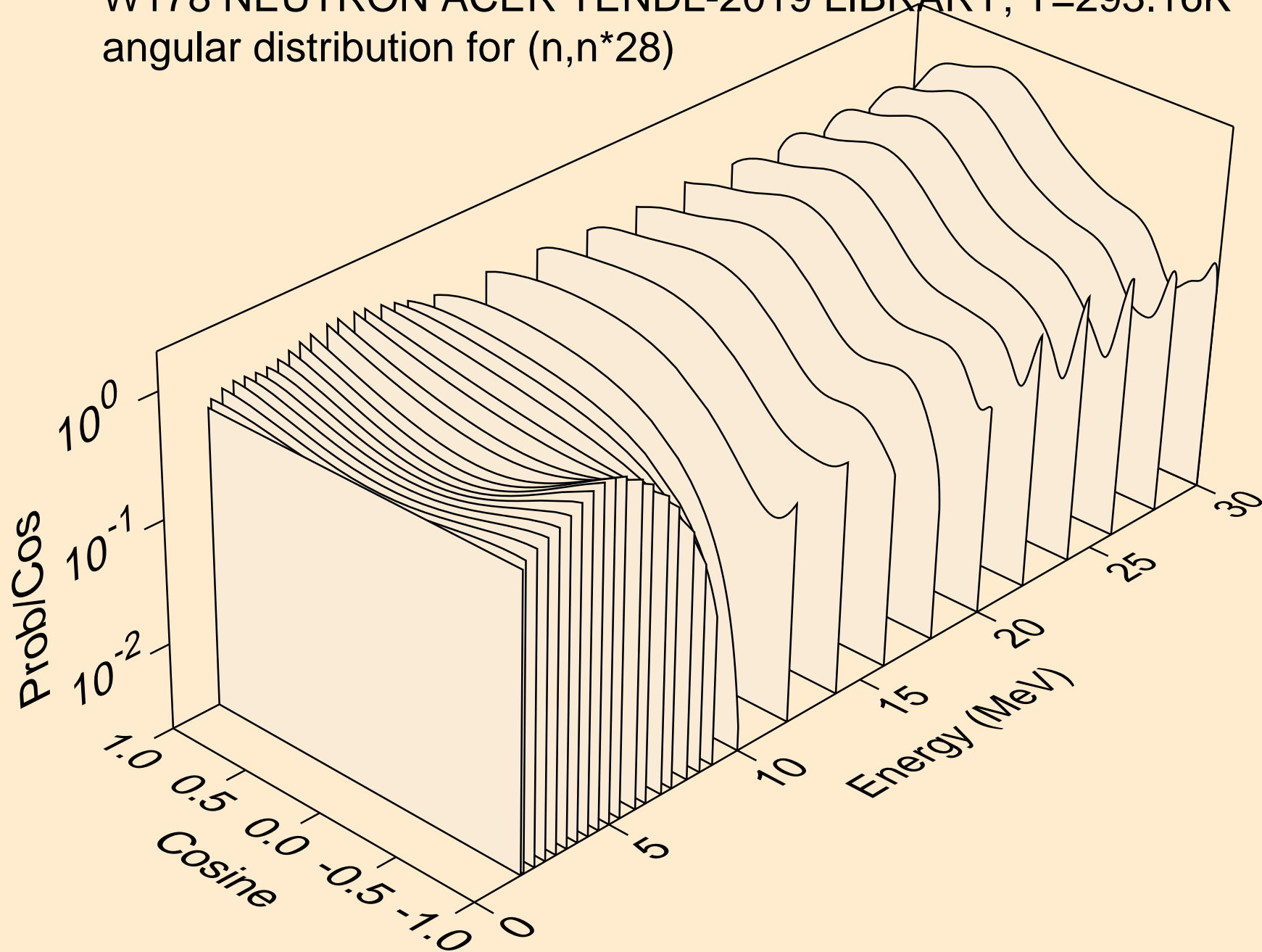
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



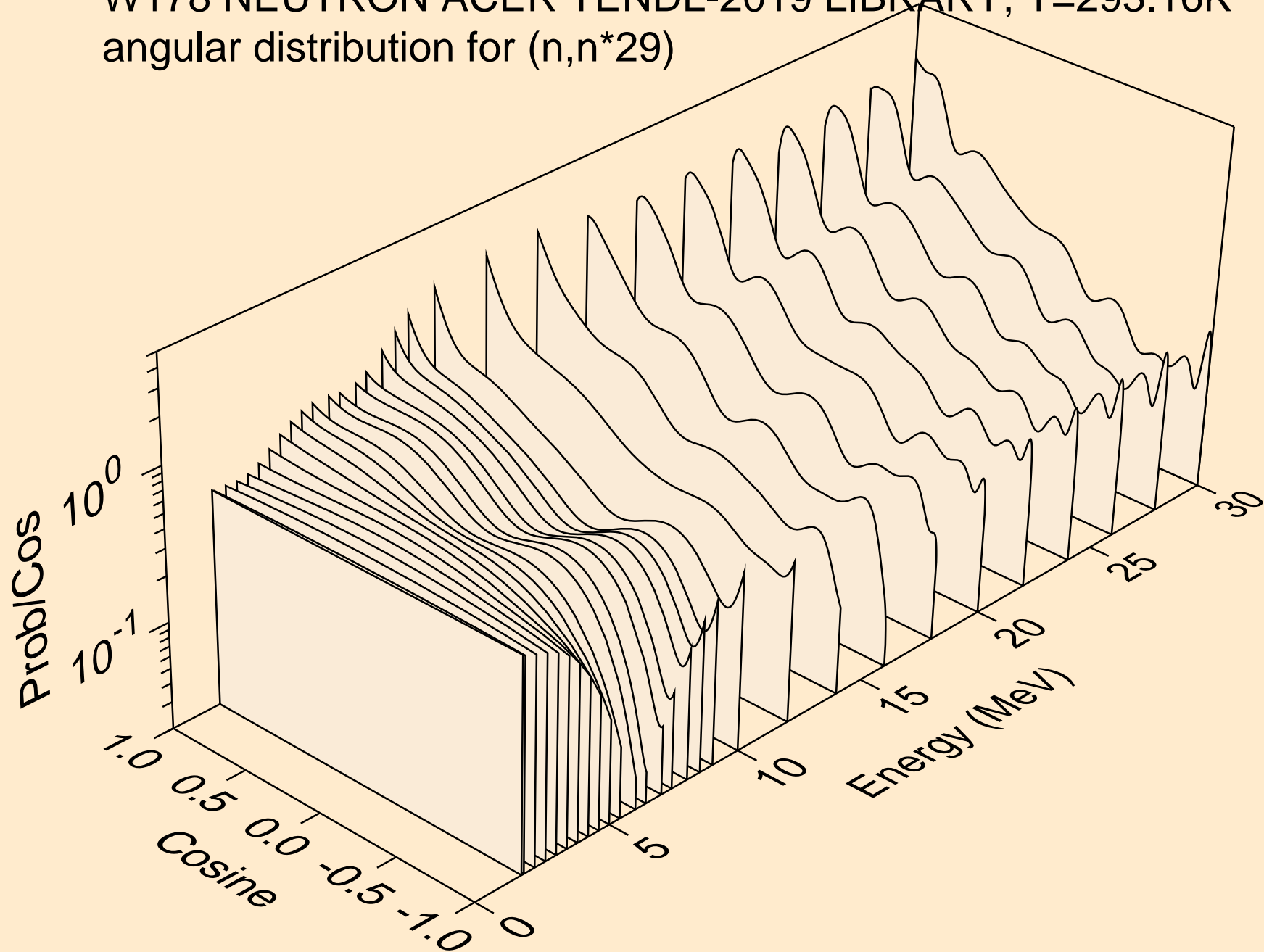
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



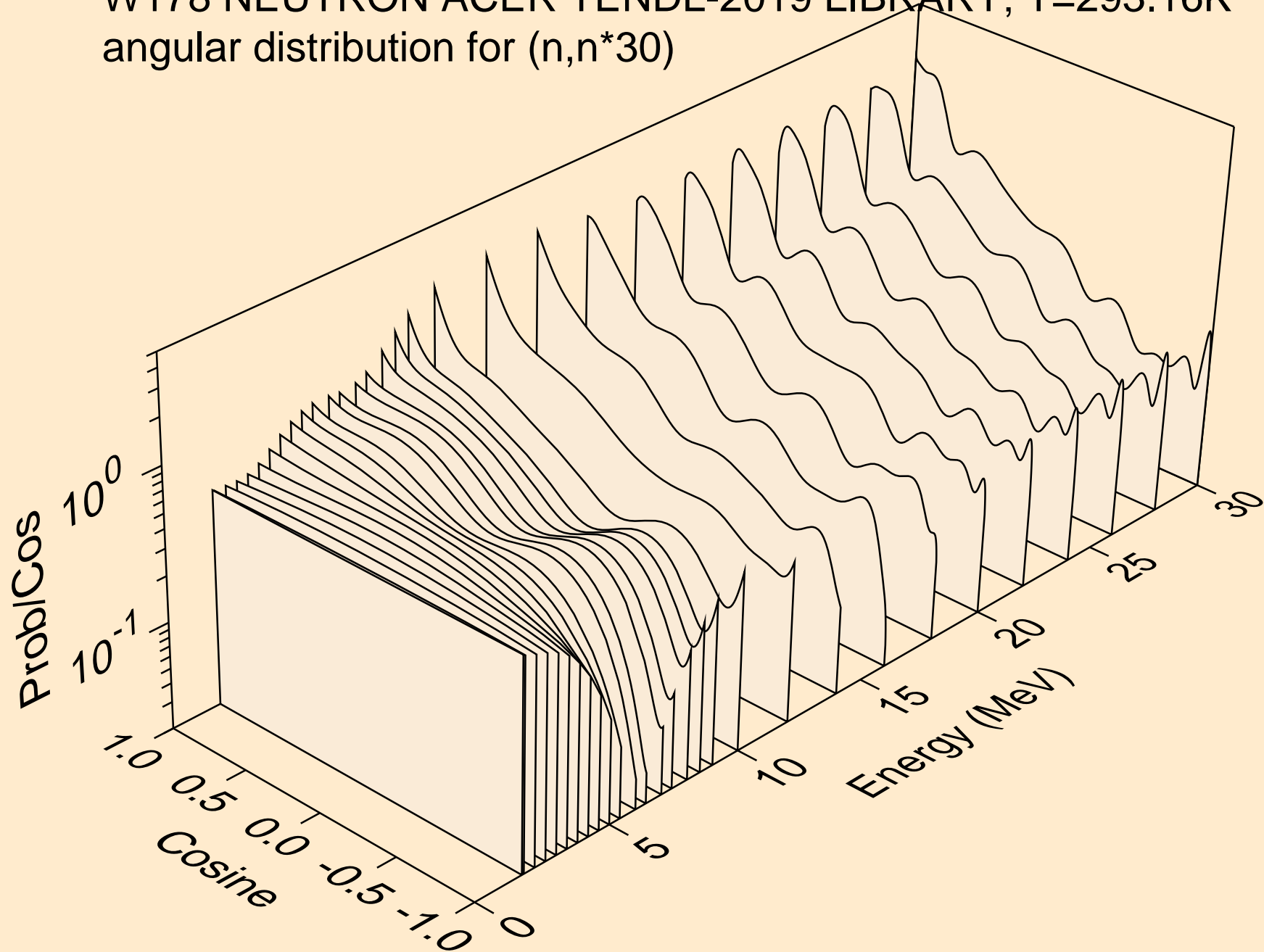
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



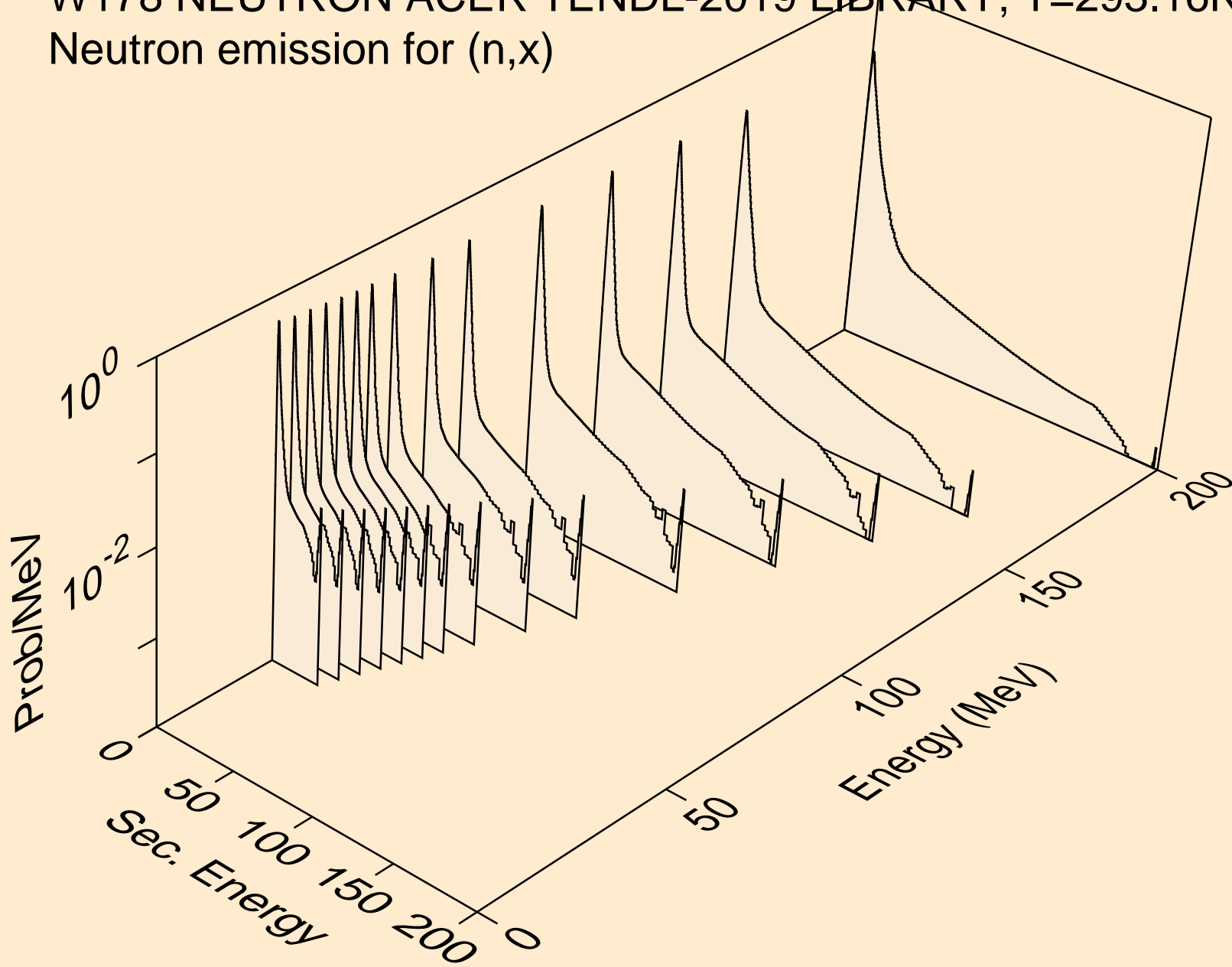
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



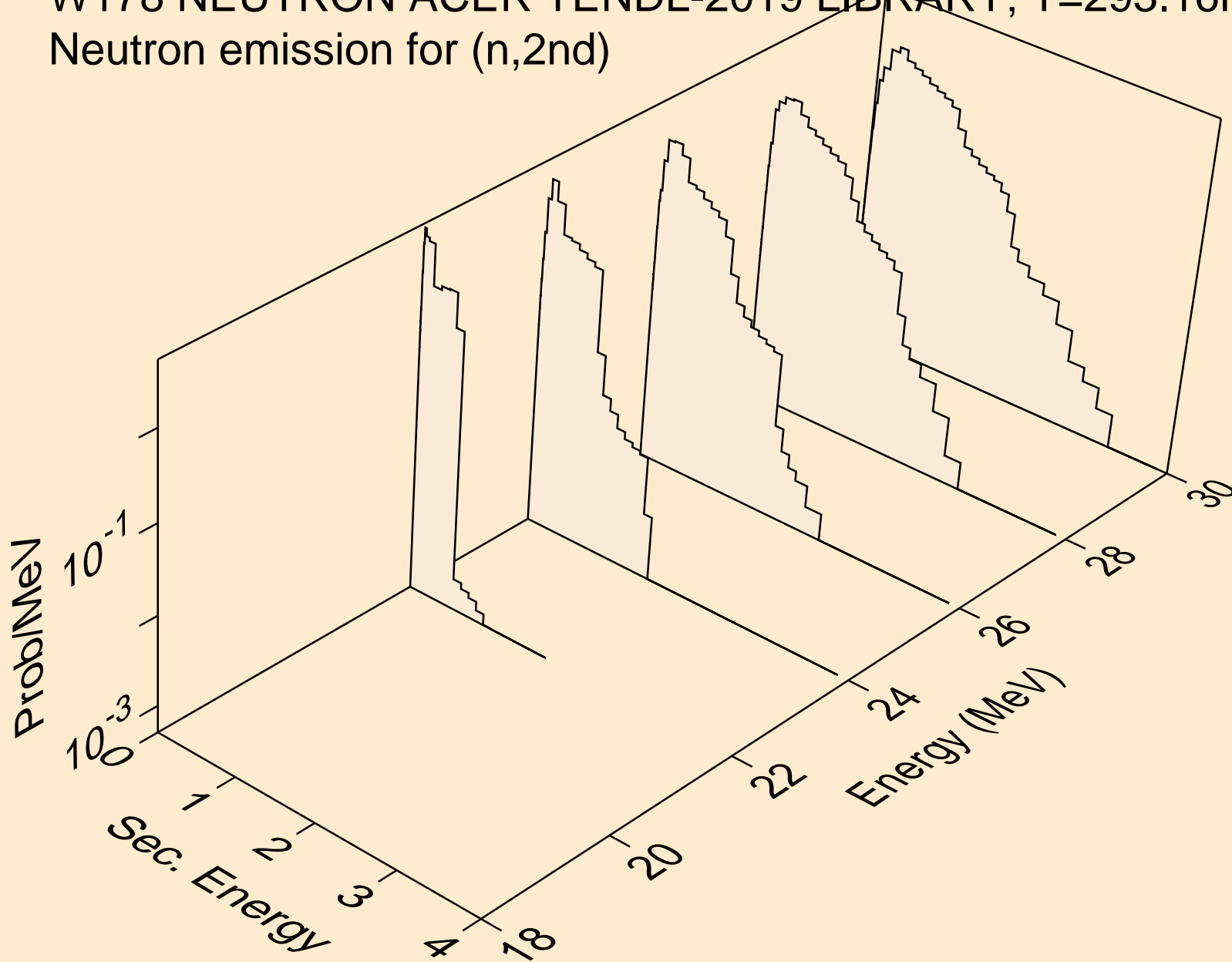
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*30)



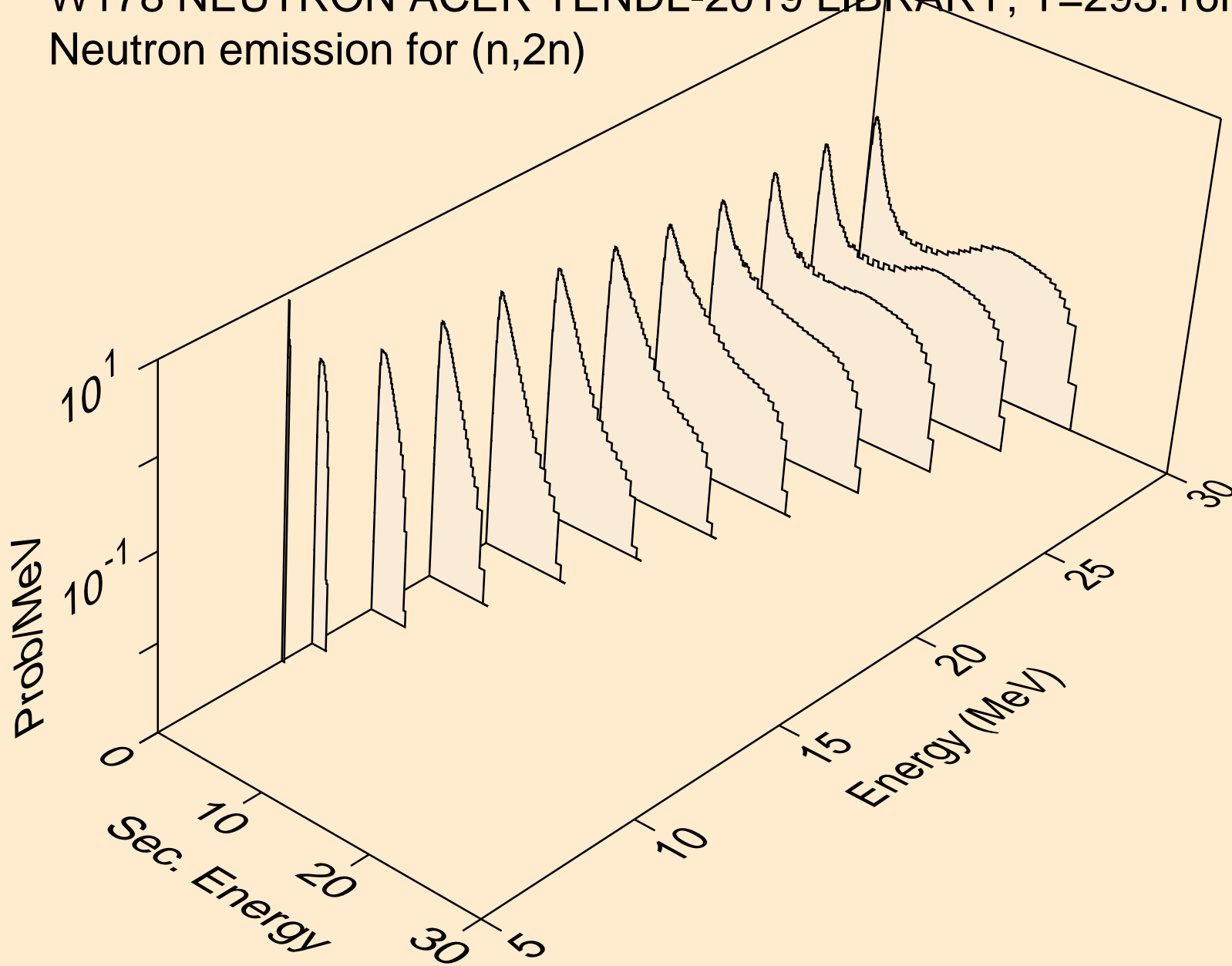
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



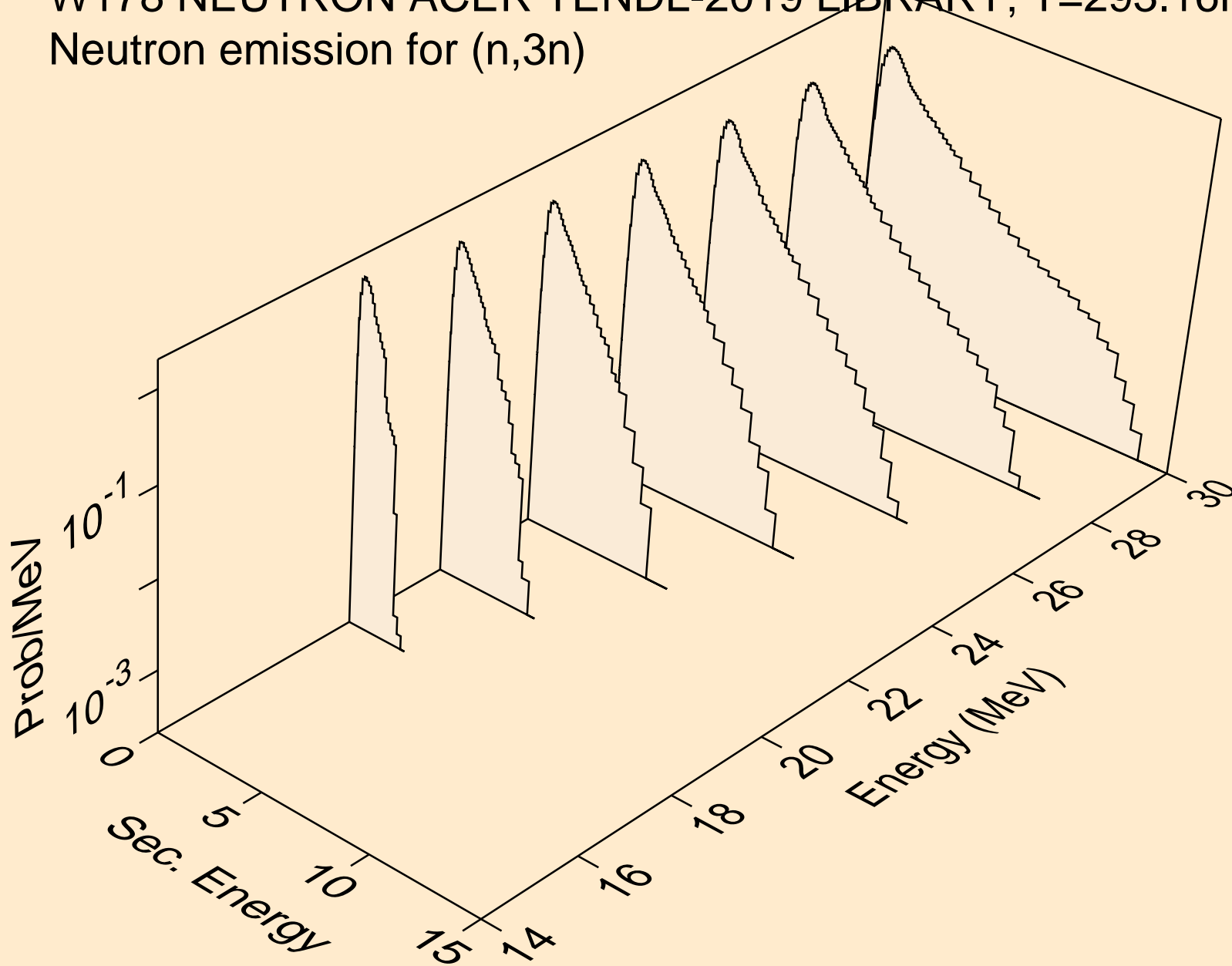
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



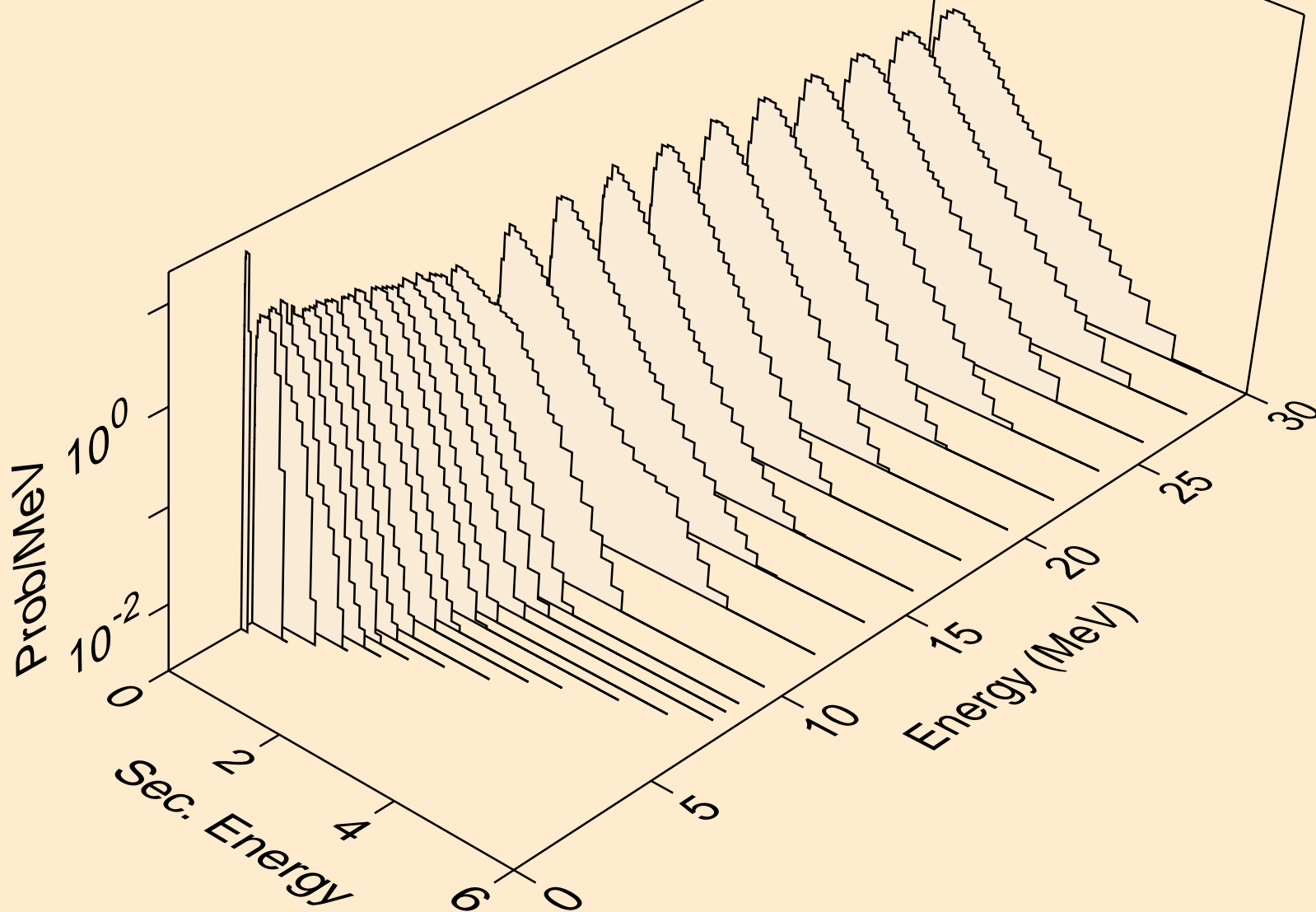
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



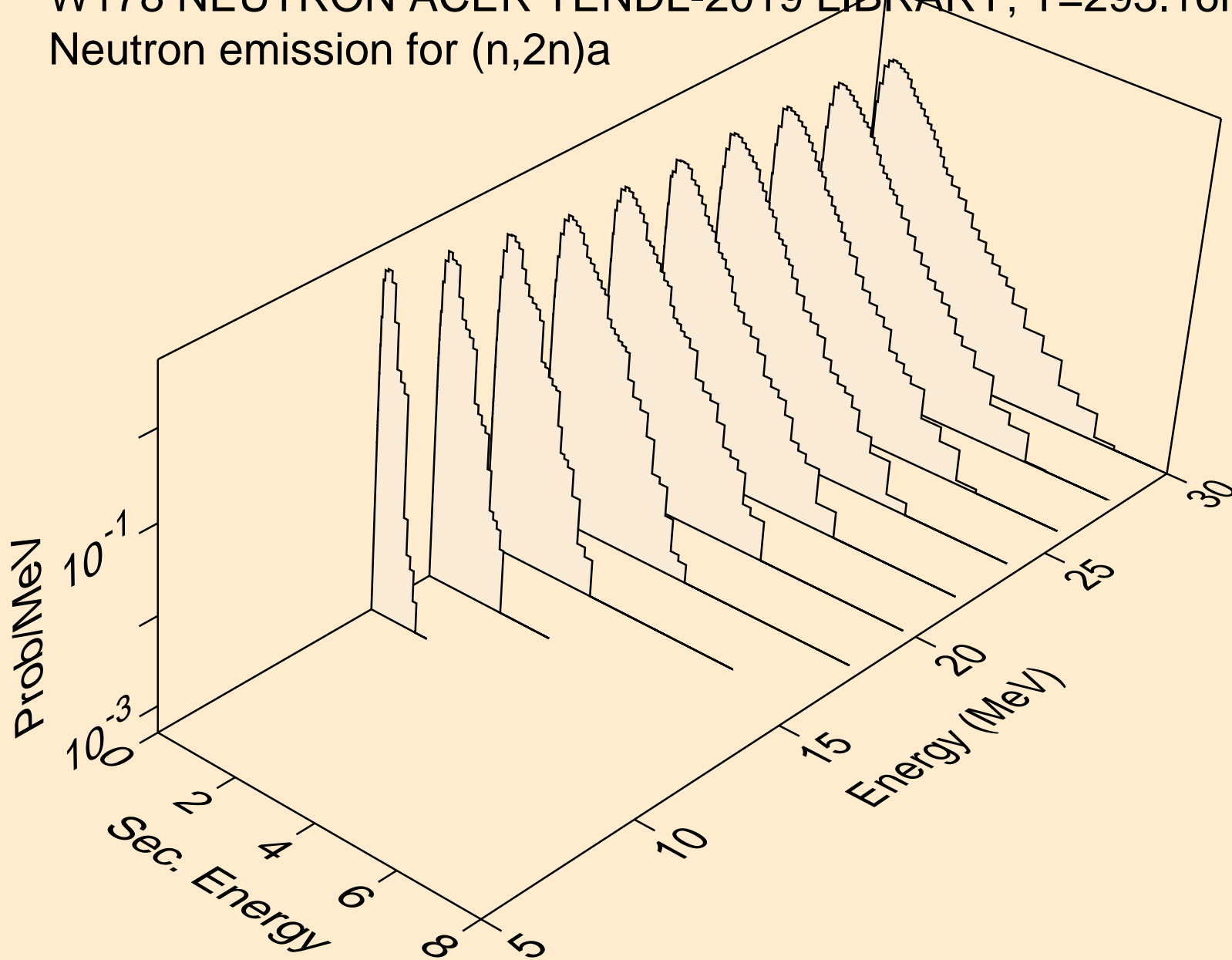
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



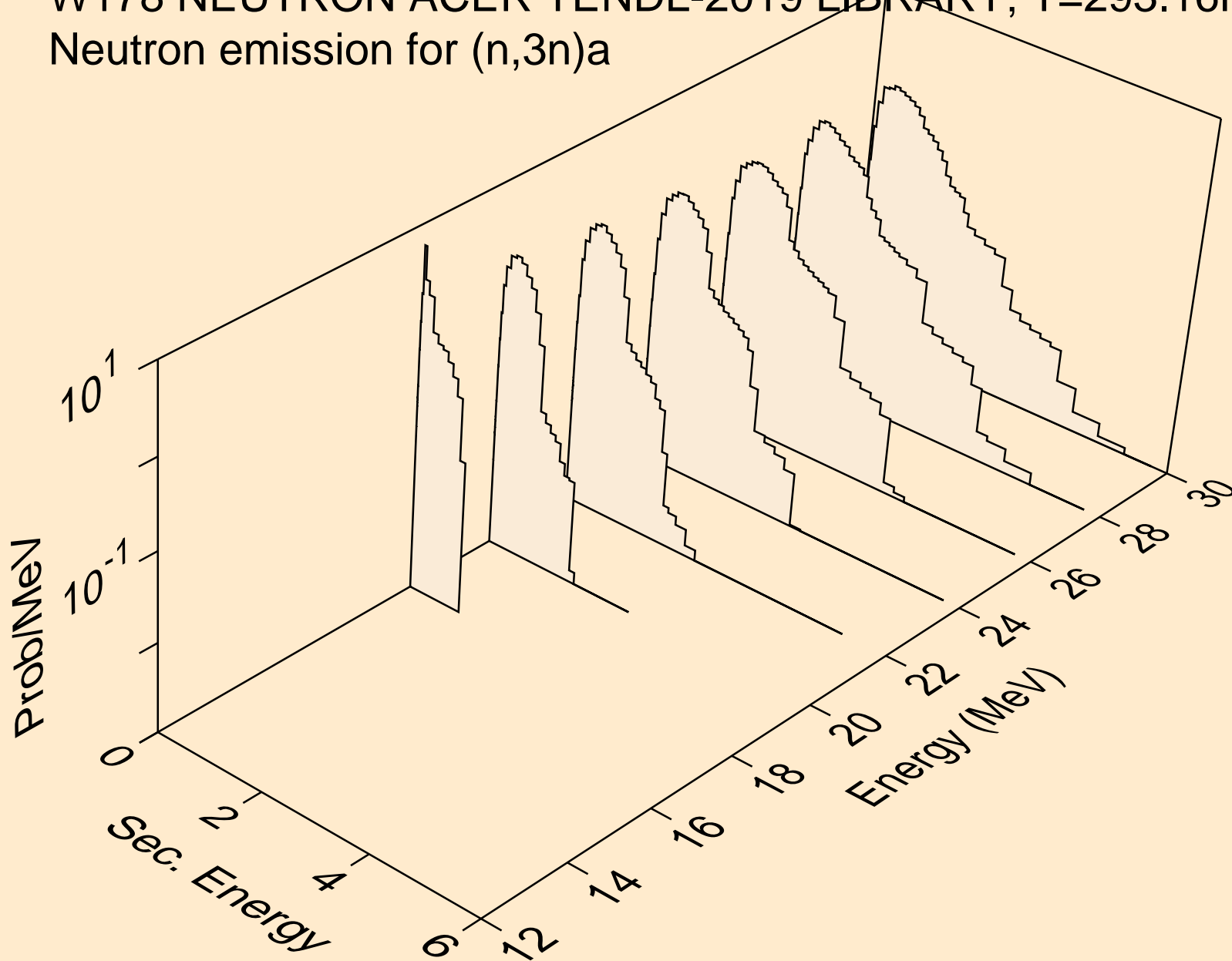
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



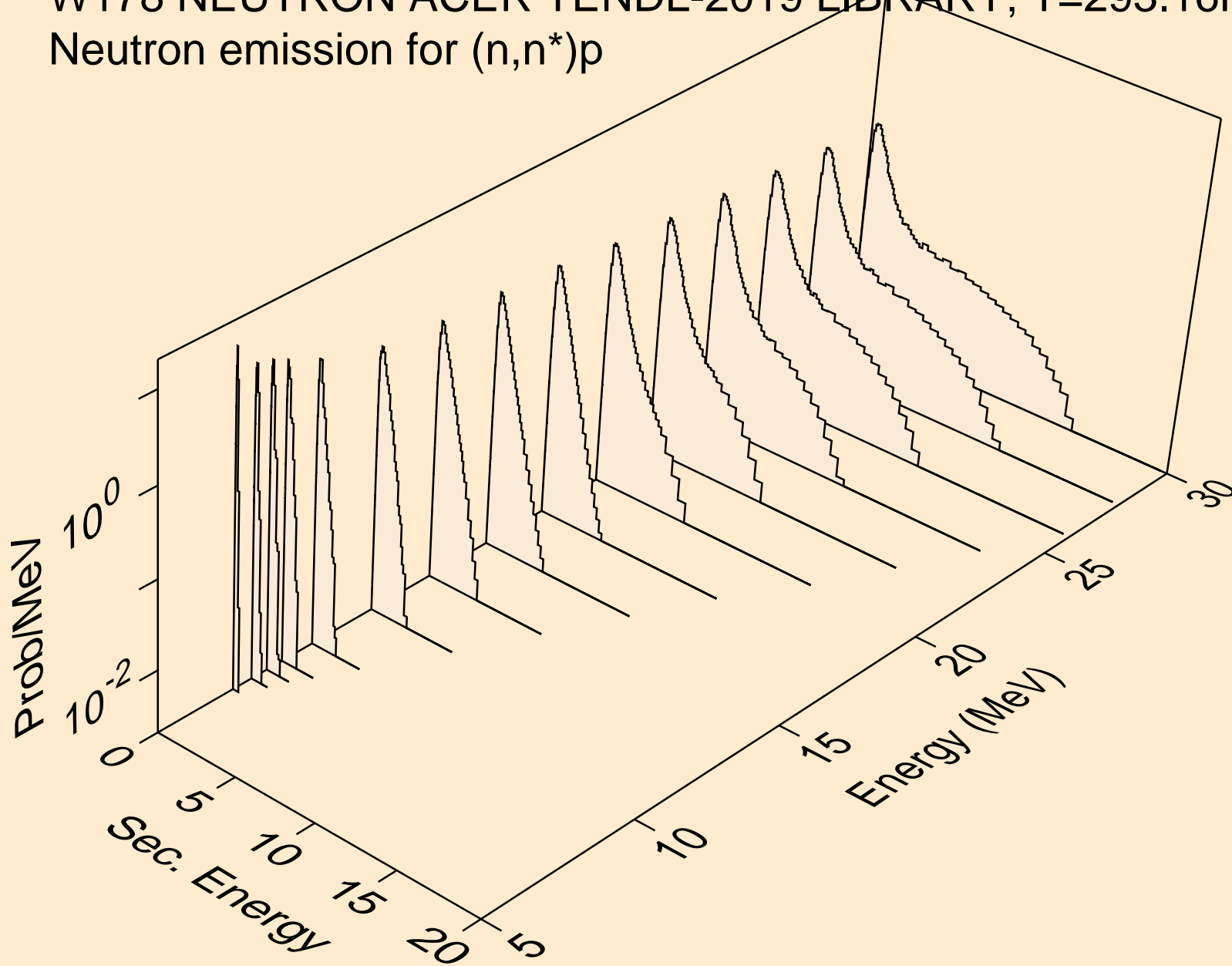
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



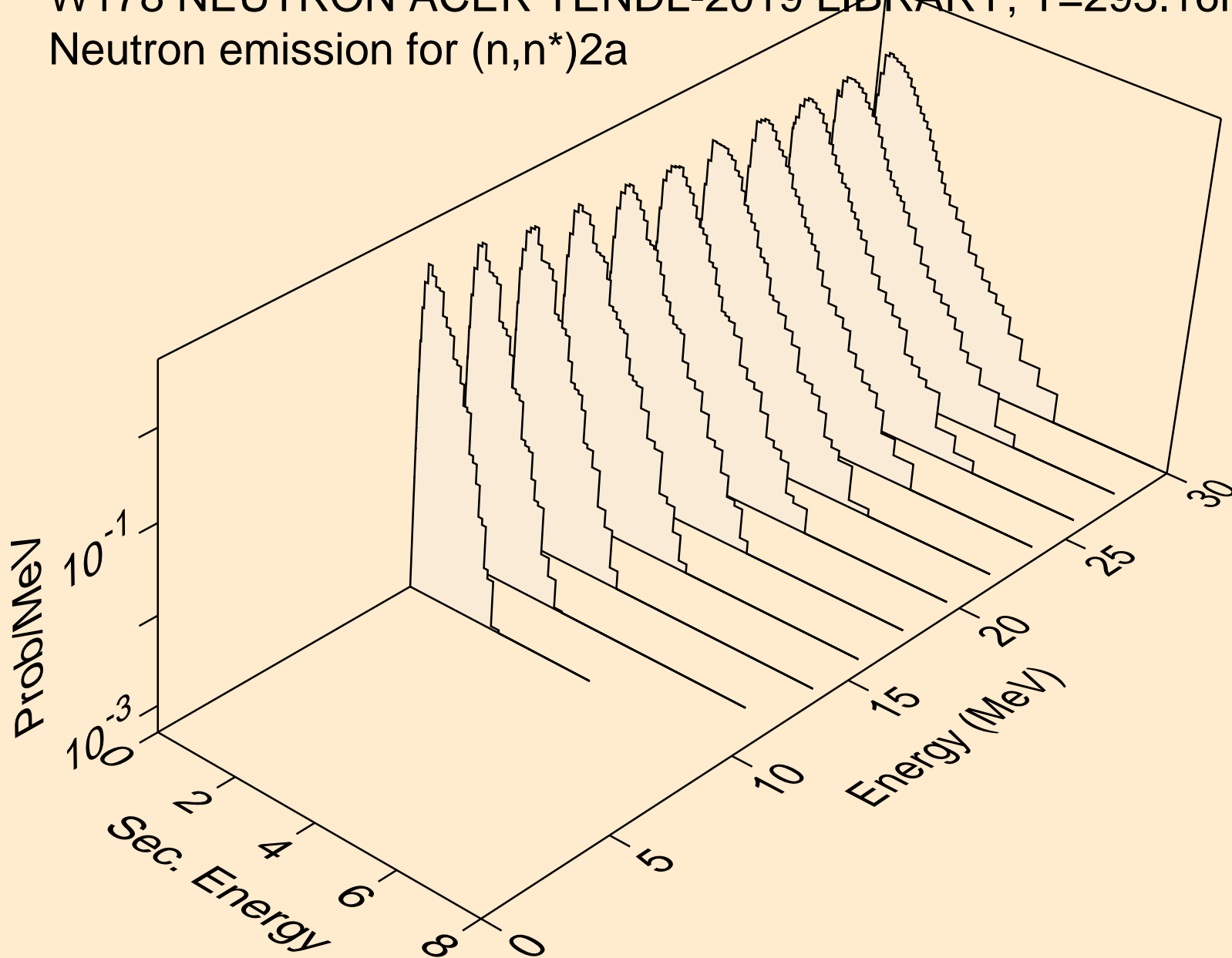
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



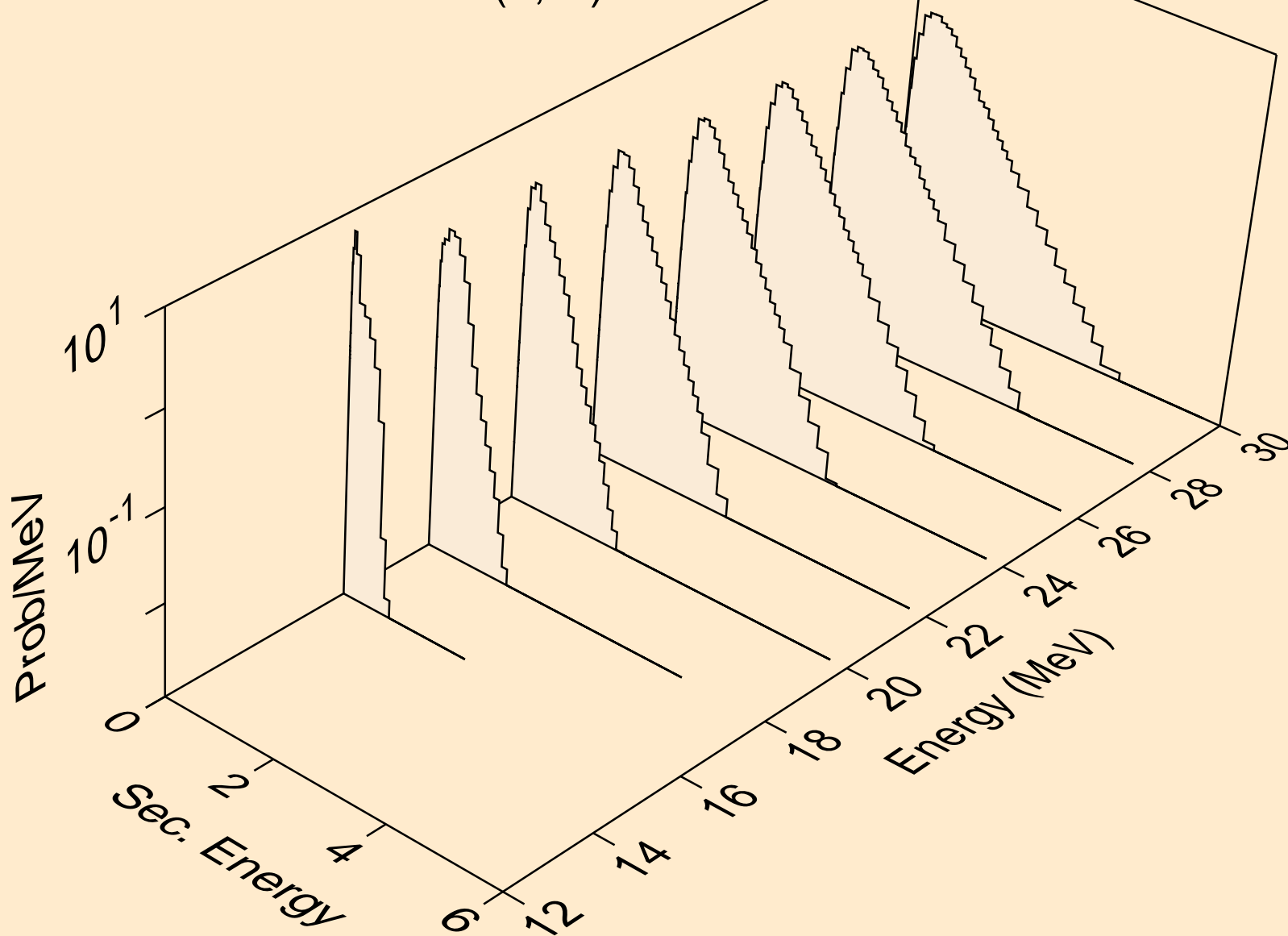
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



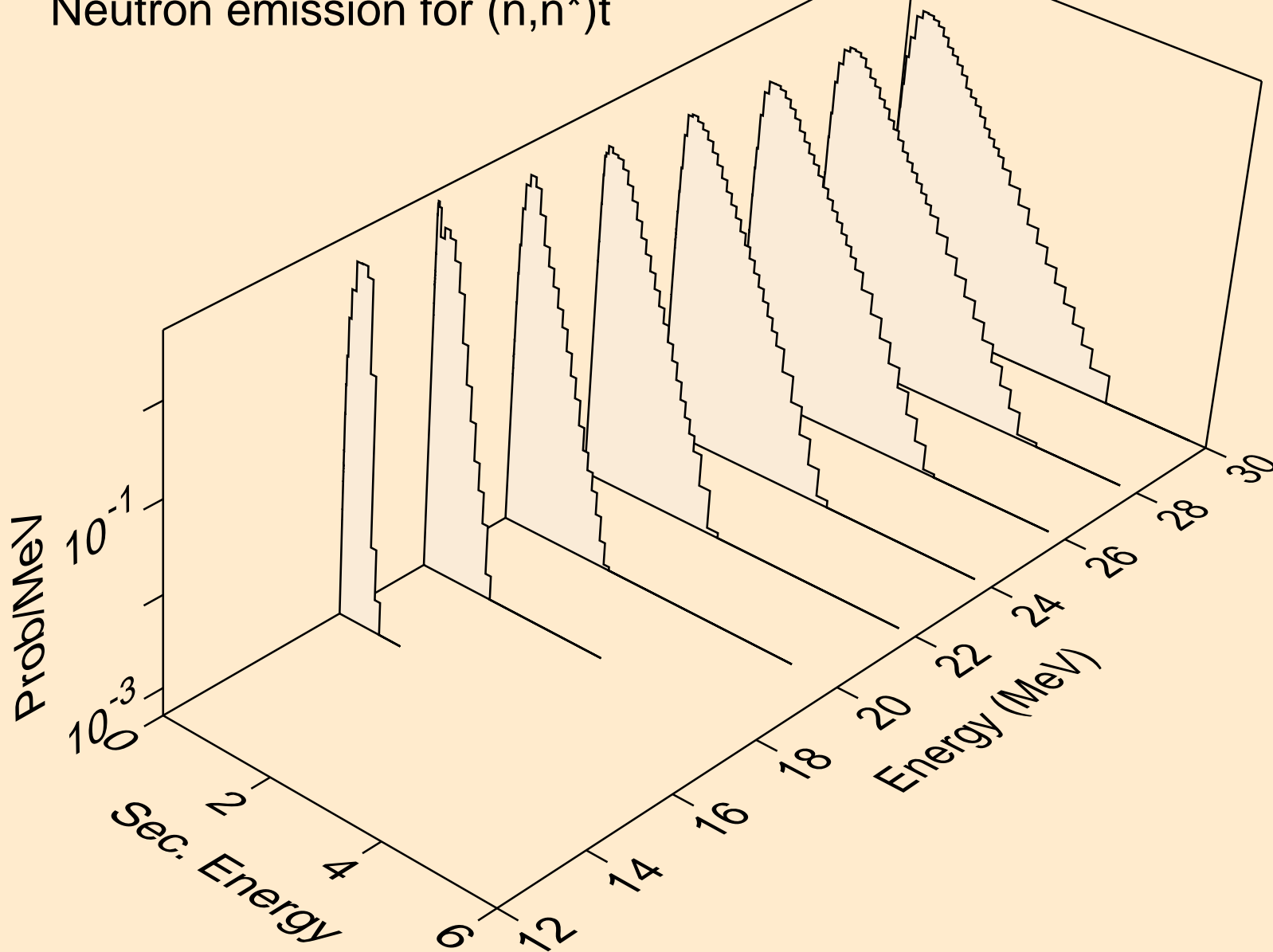
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



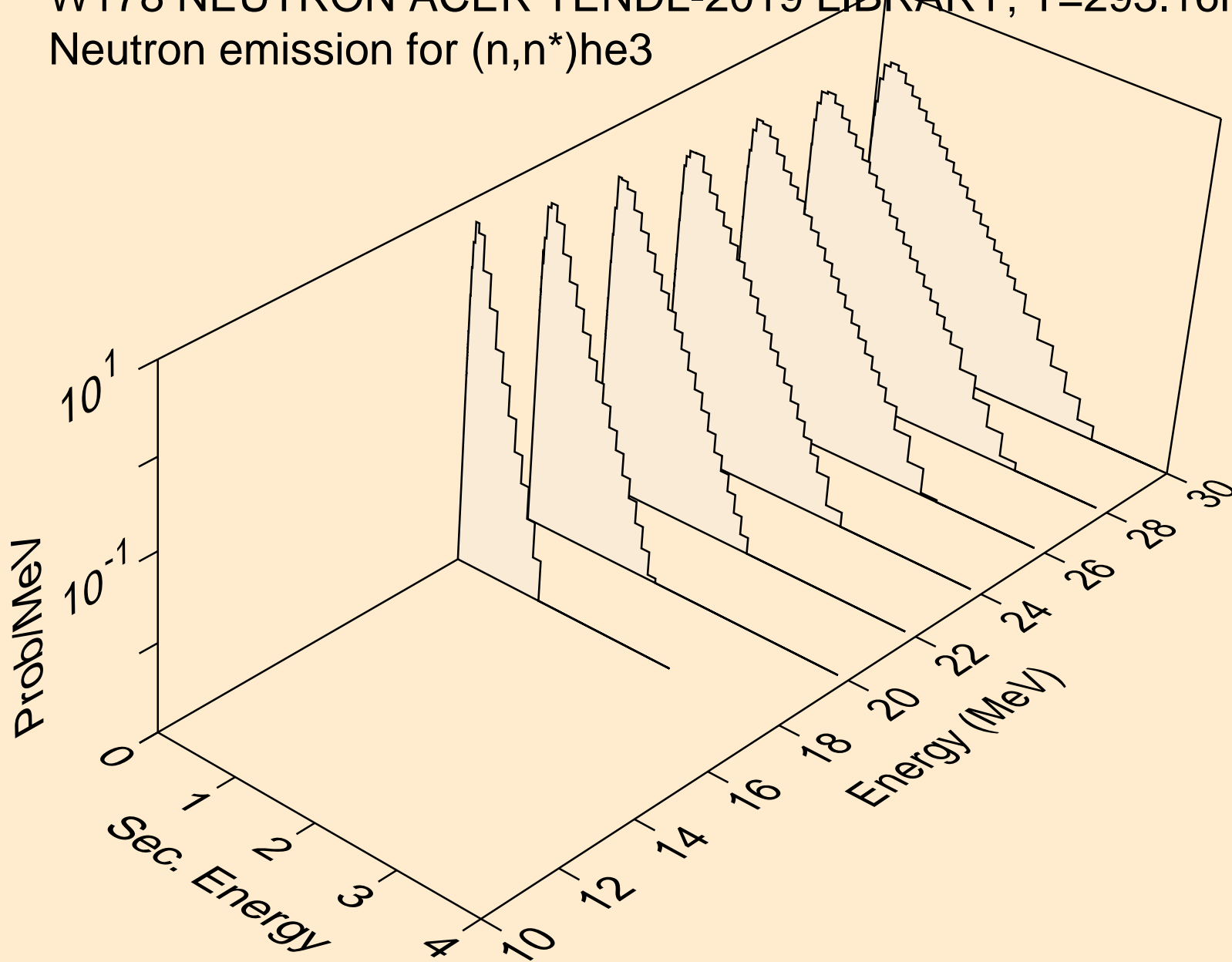
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



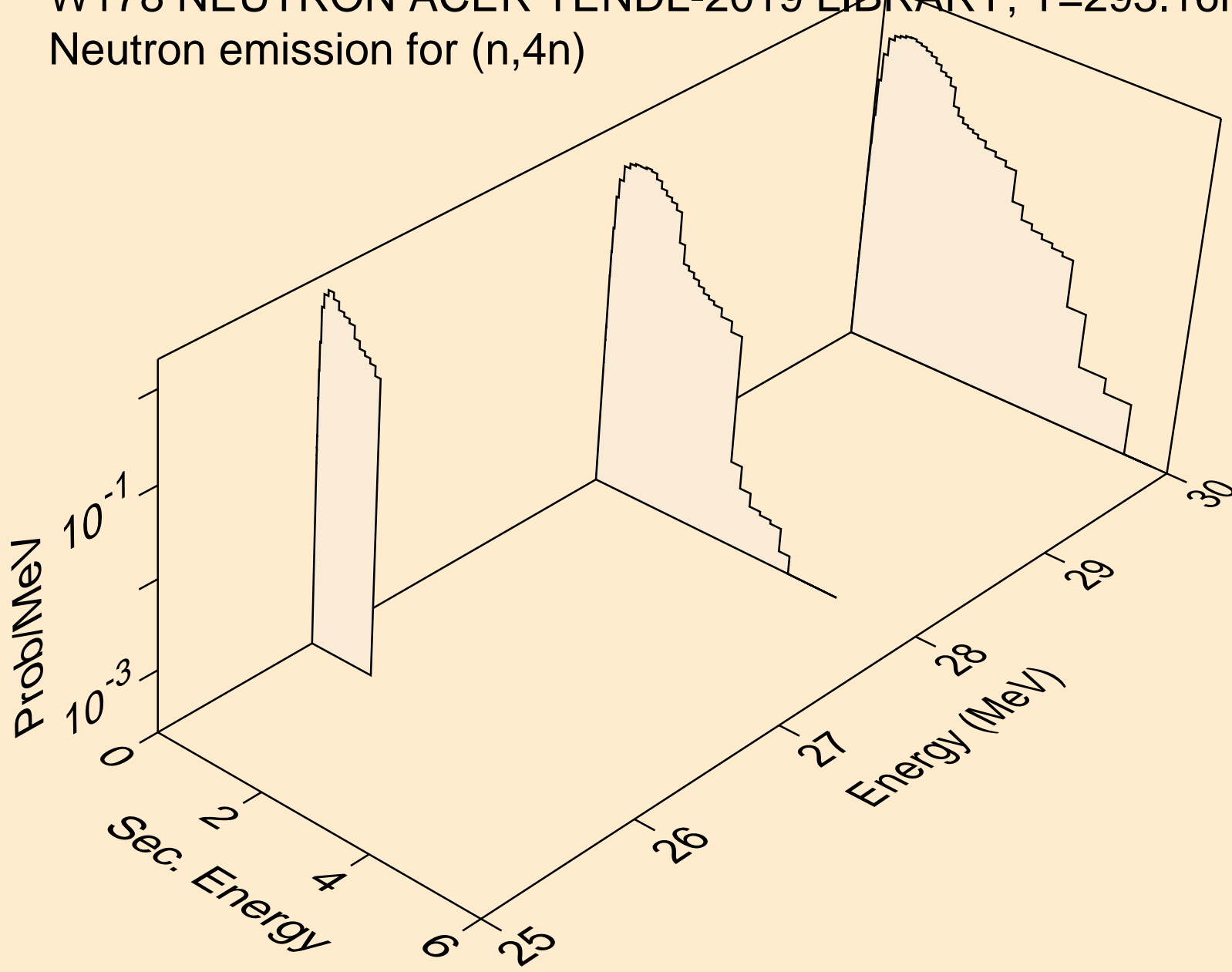
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



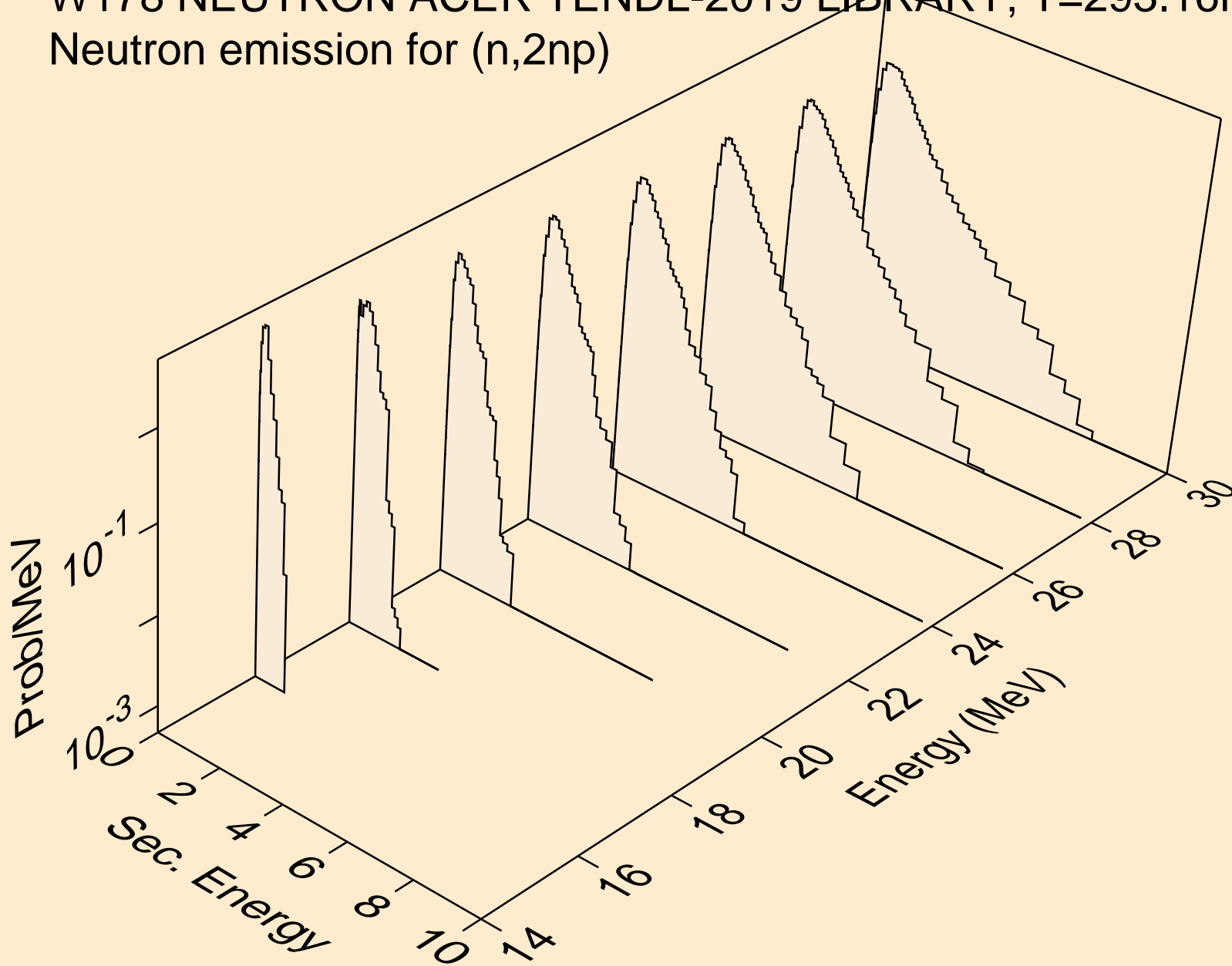
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



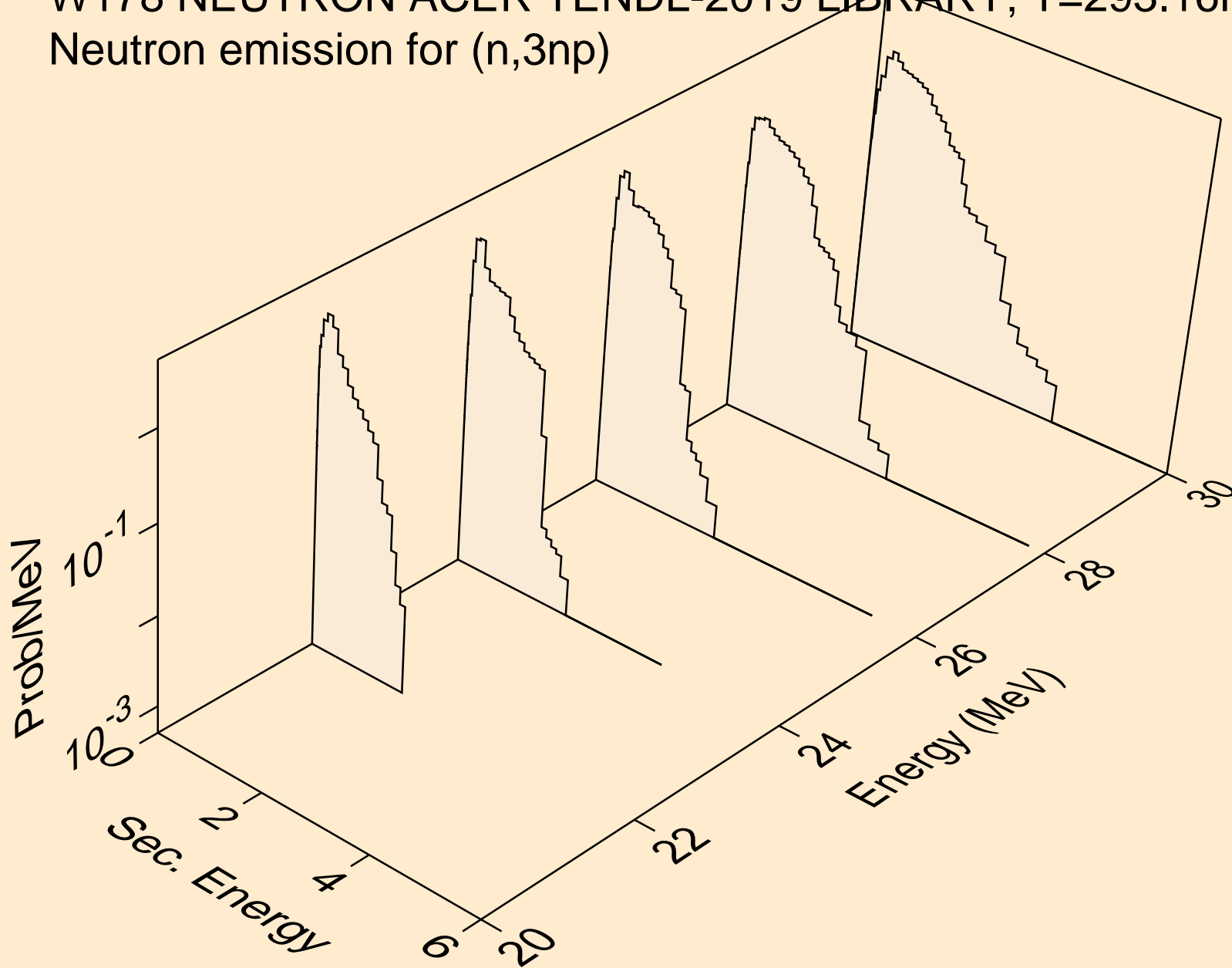
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



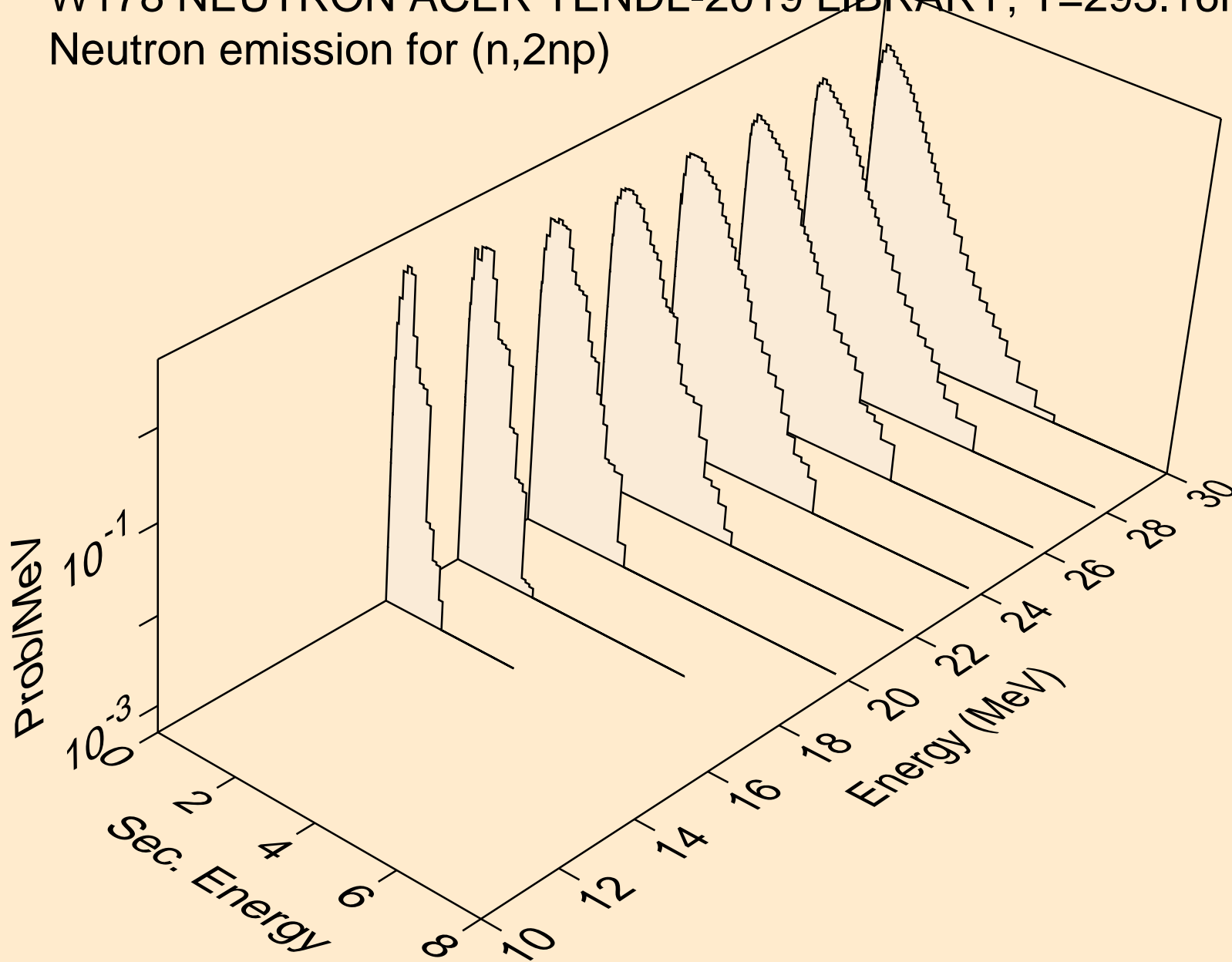
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



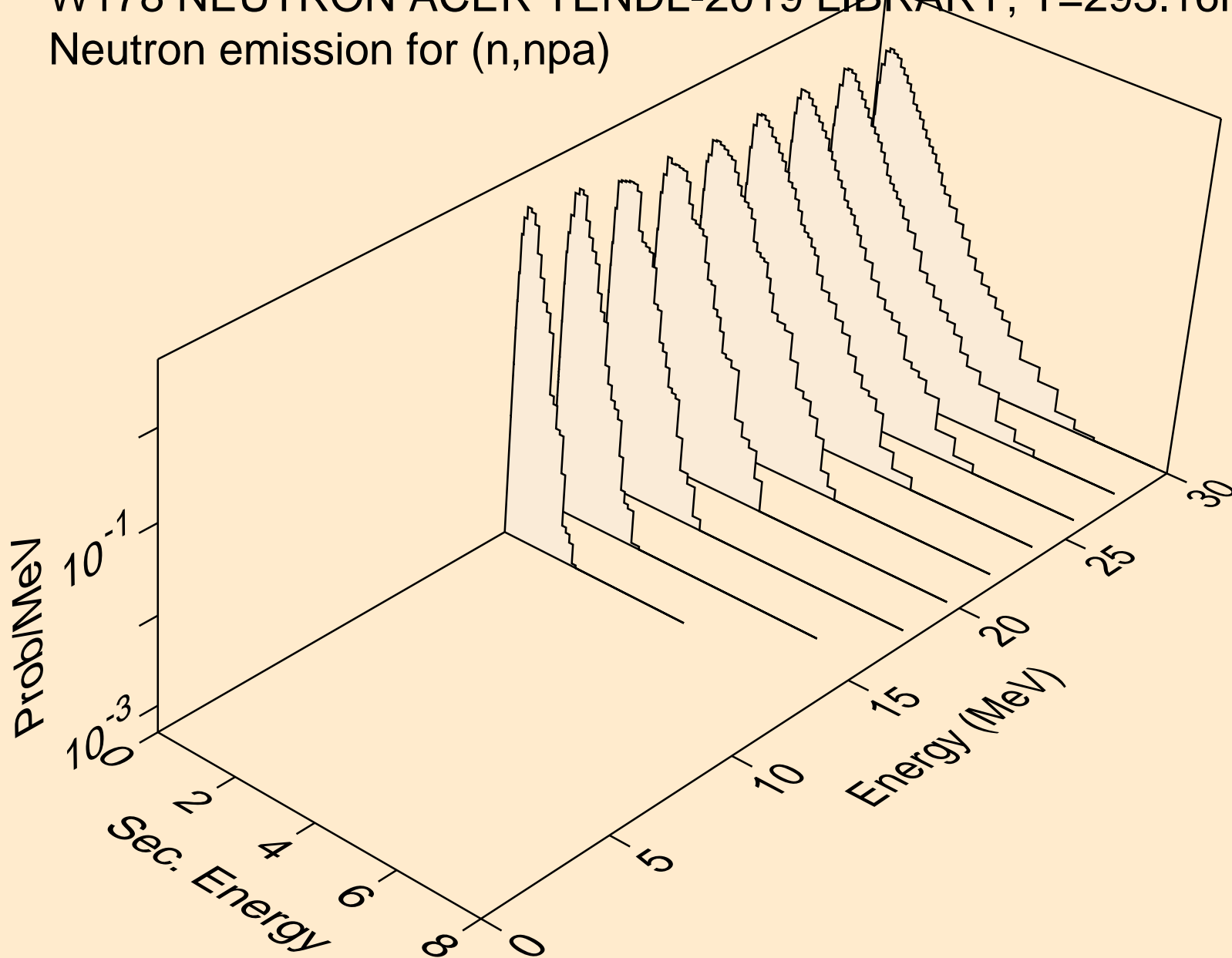
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



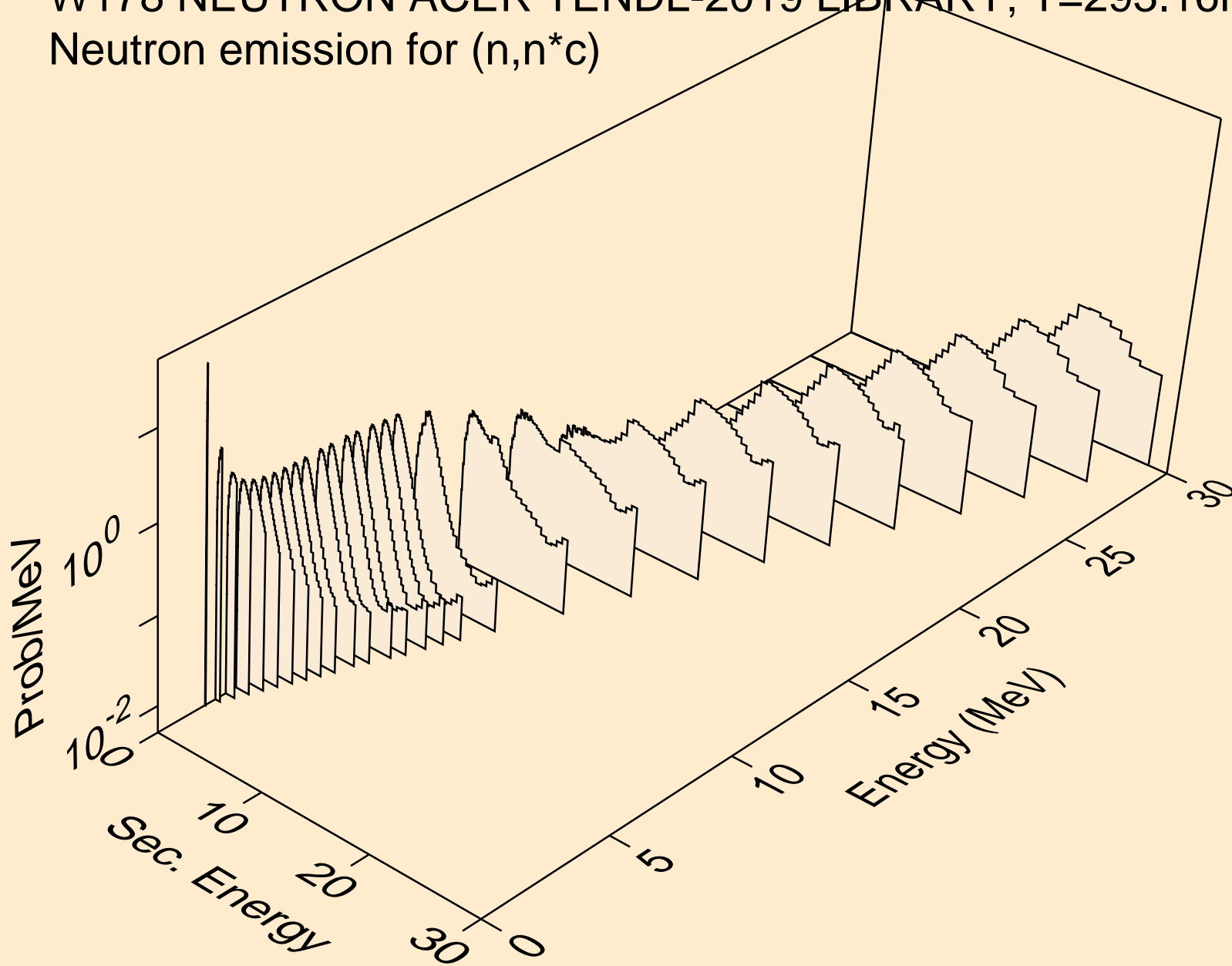
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



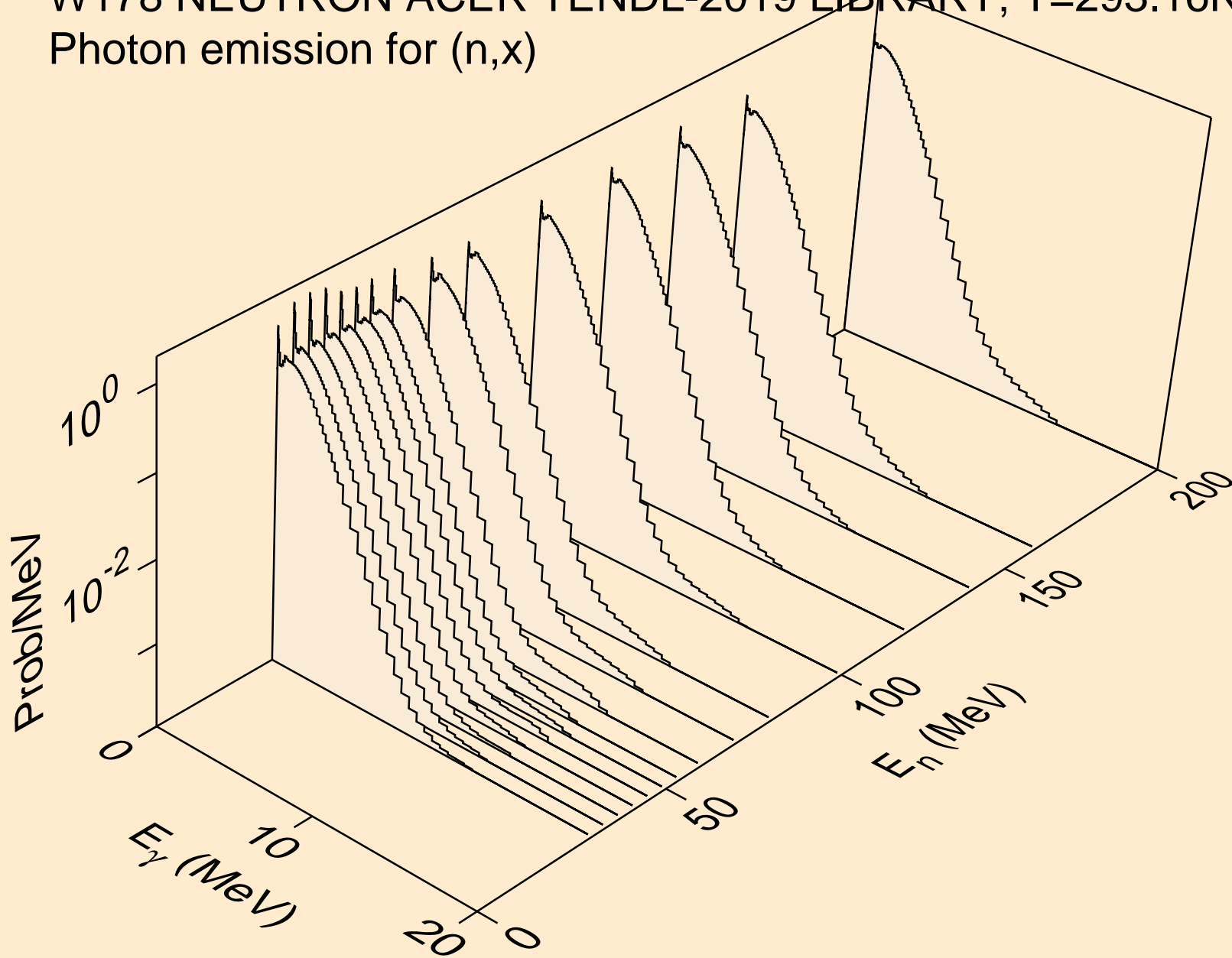
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



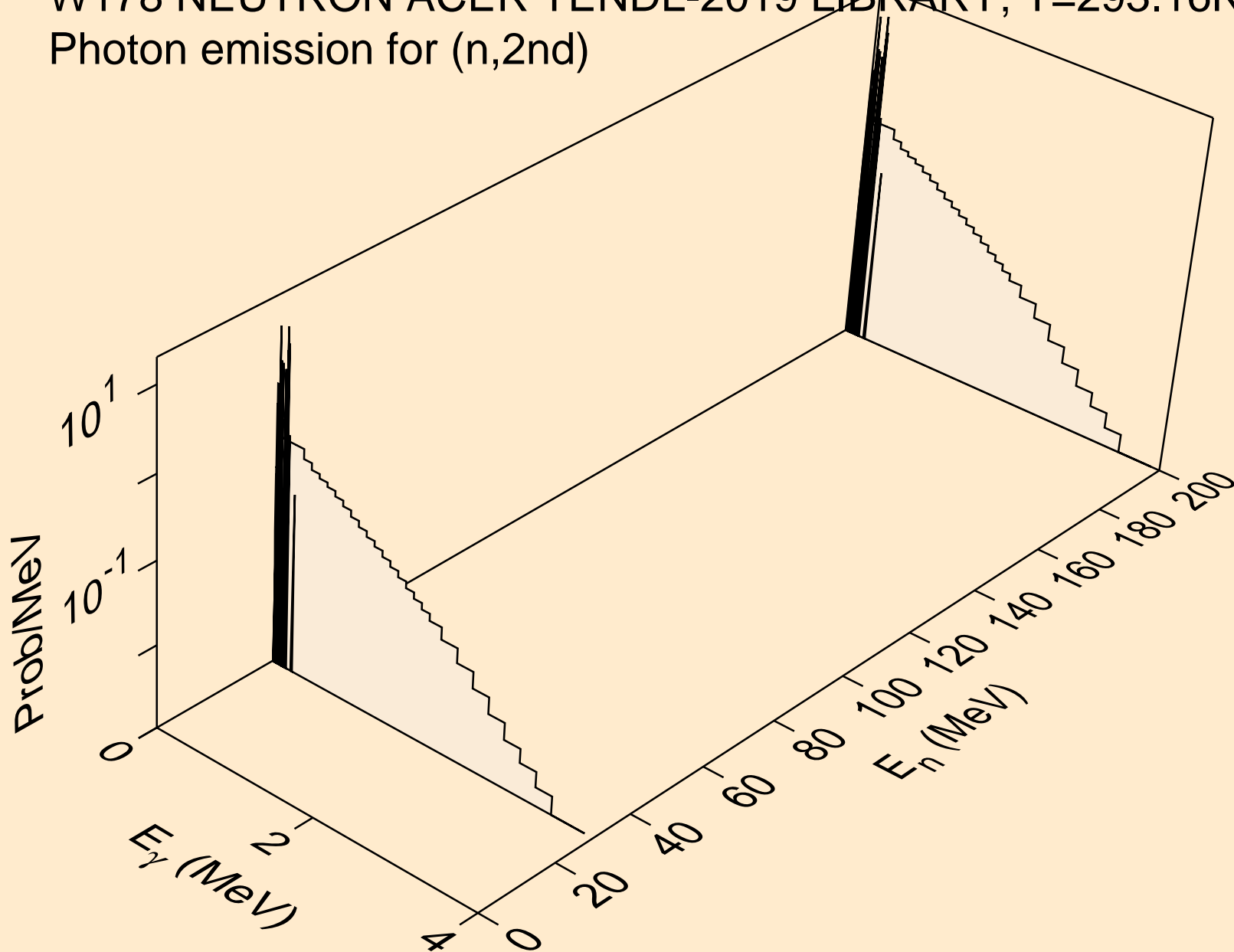
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



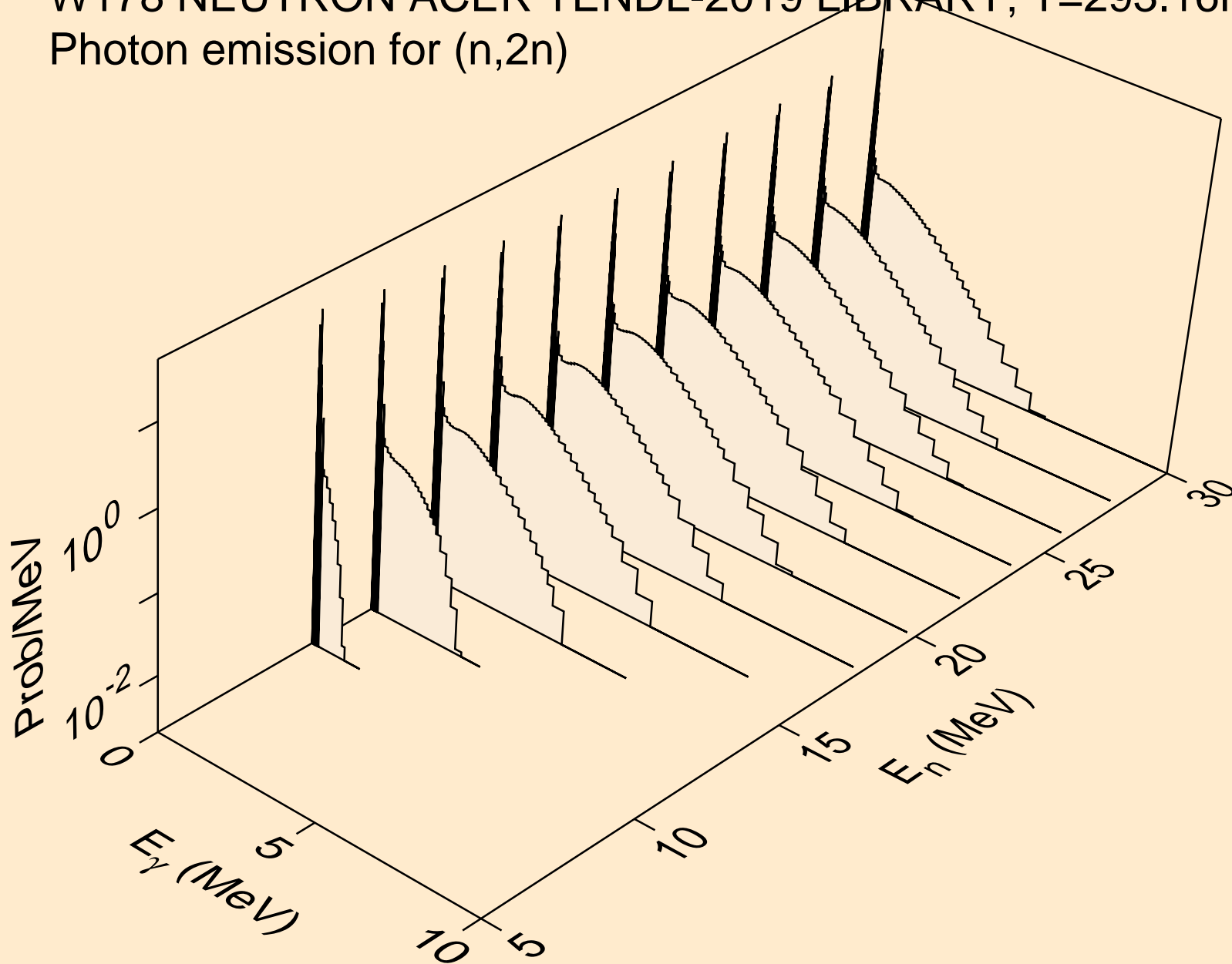
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



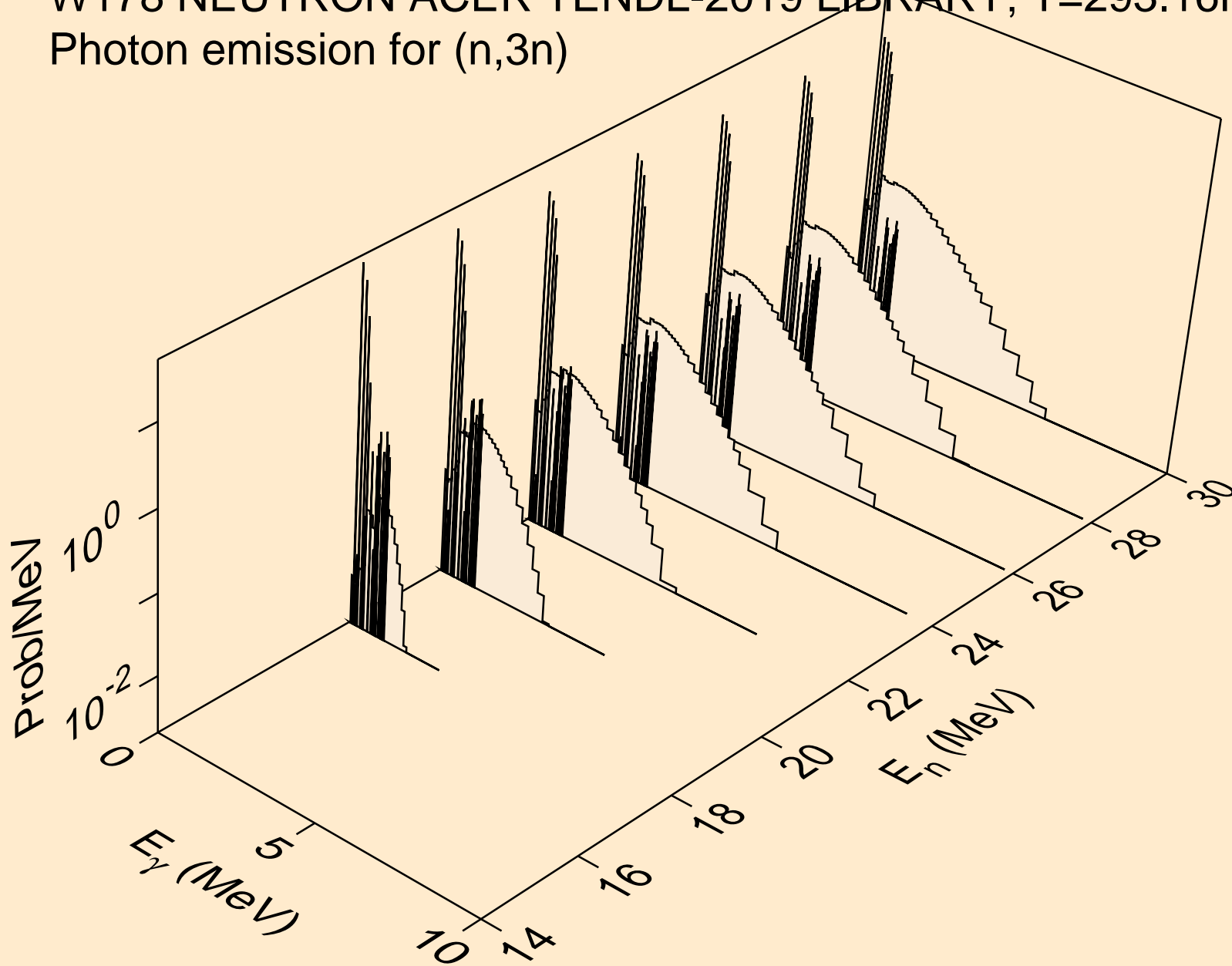
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



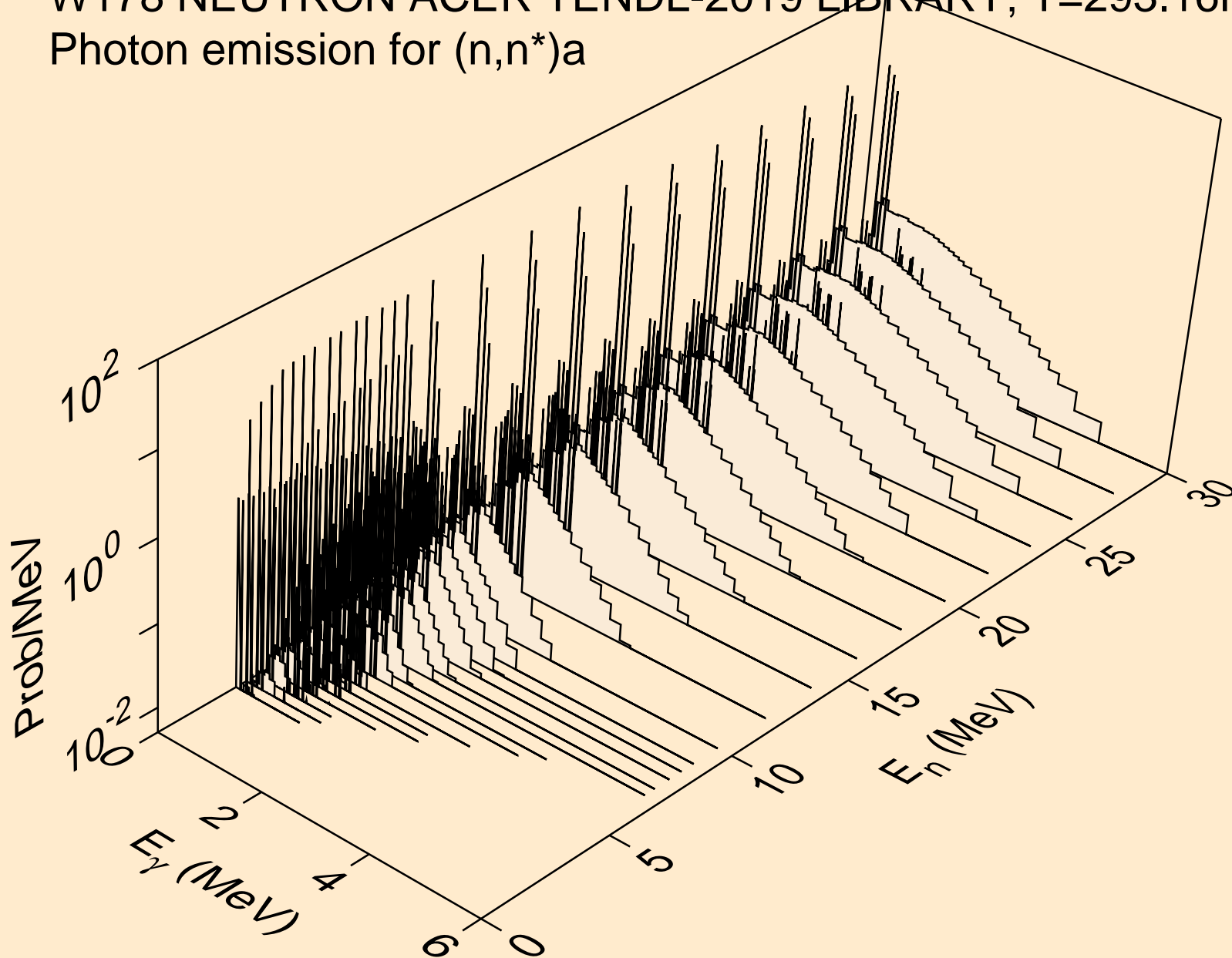
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



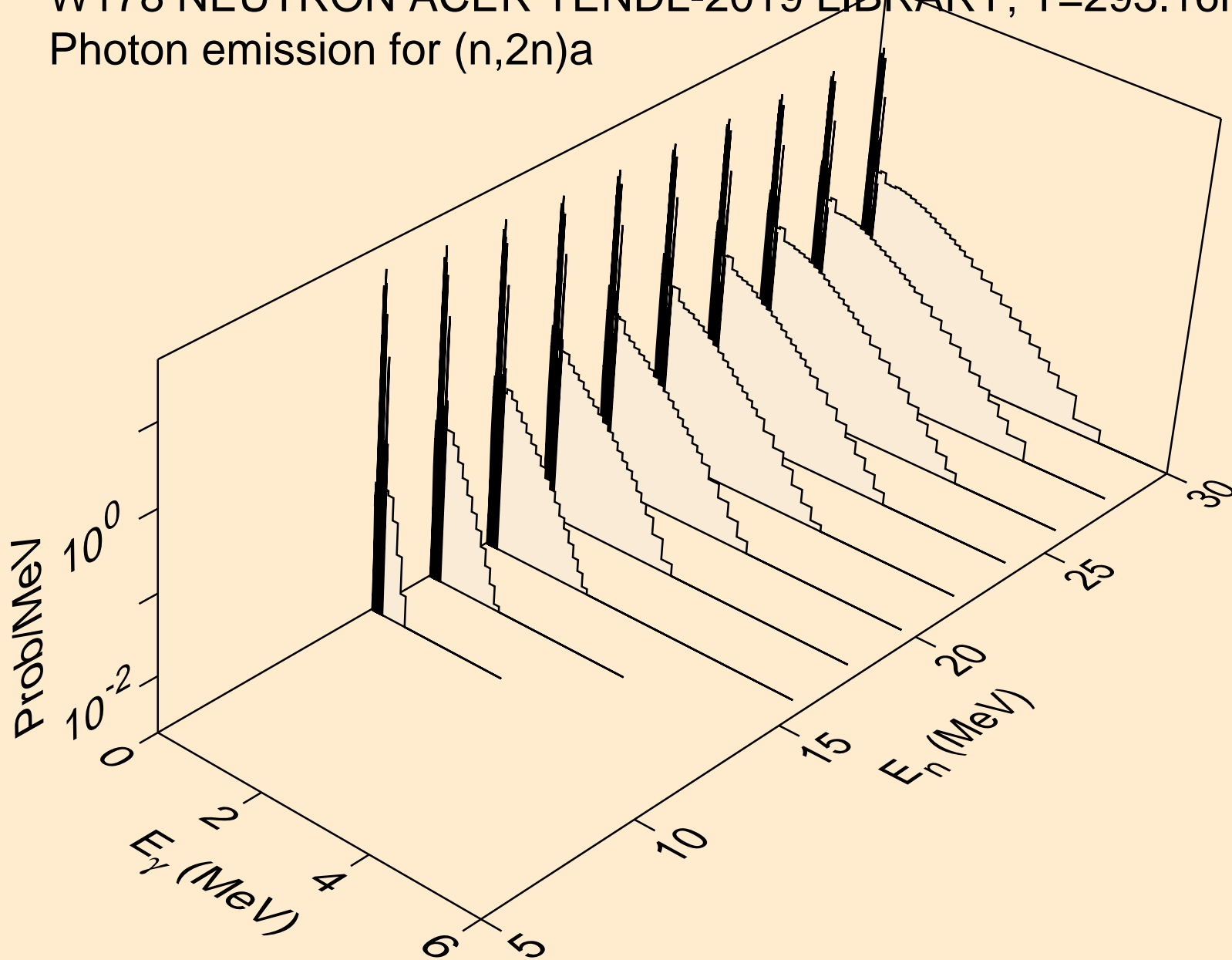
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



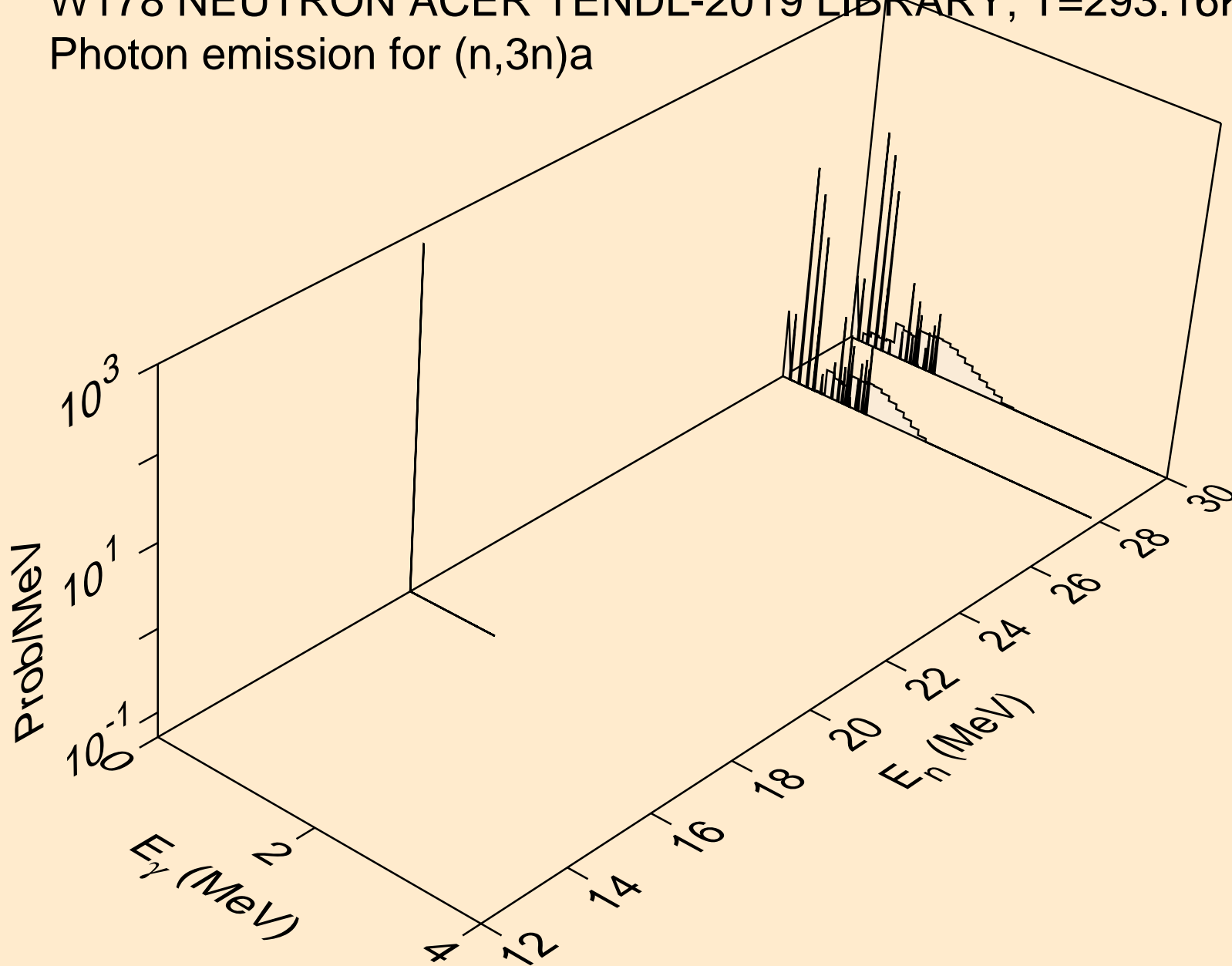
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



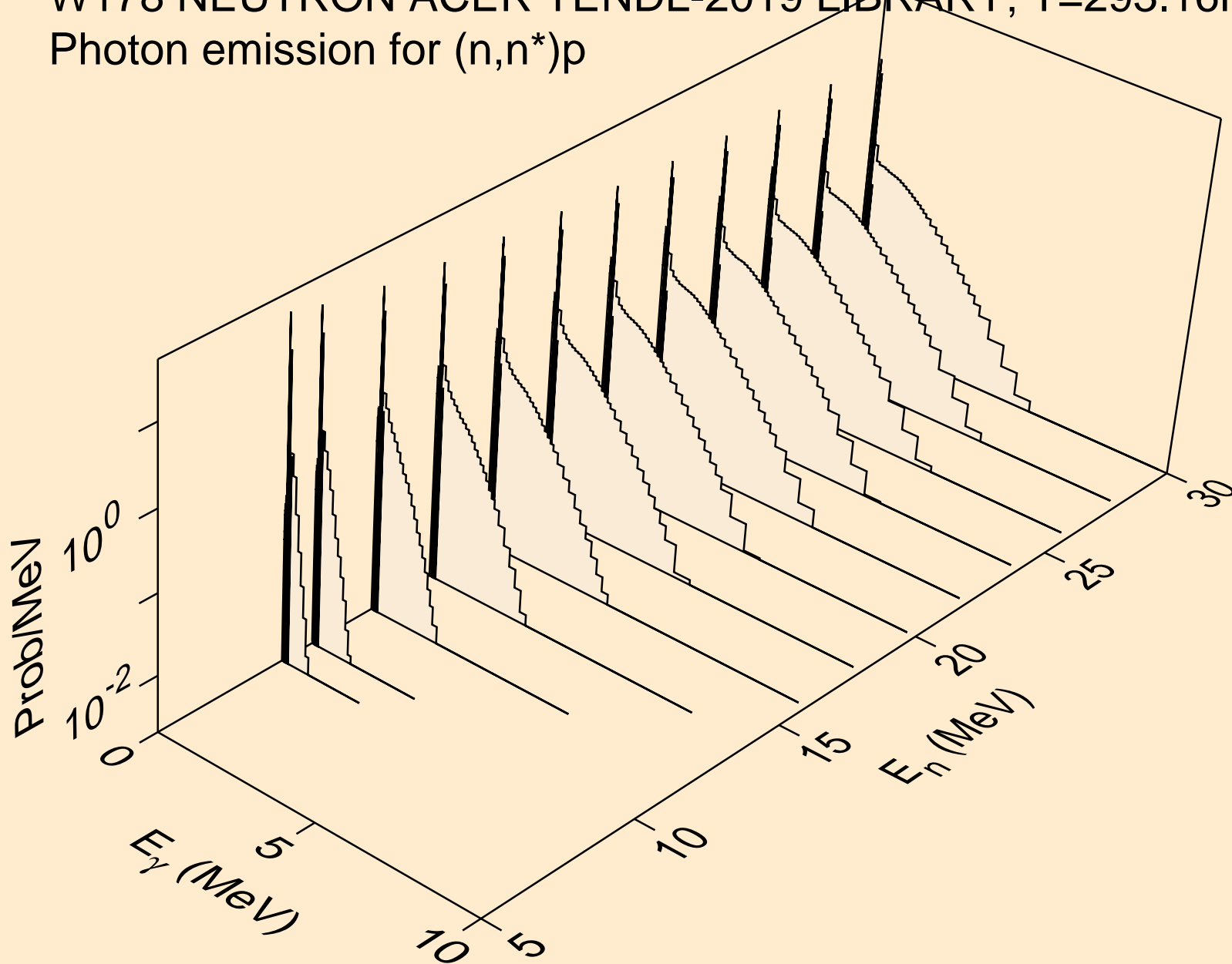
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



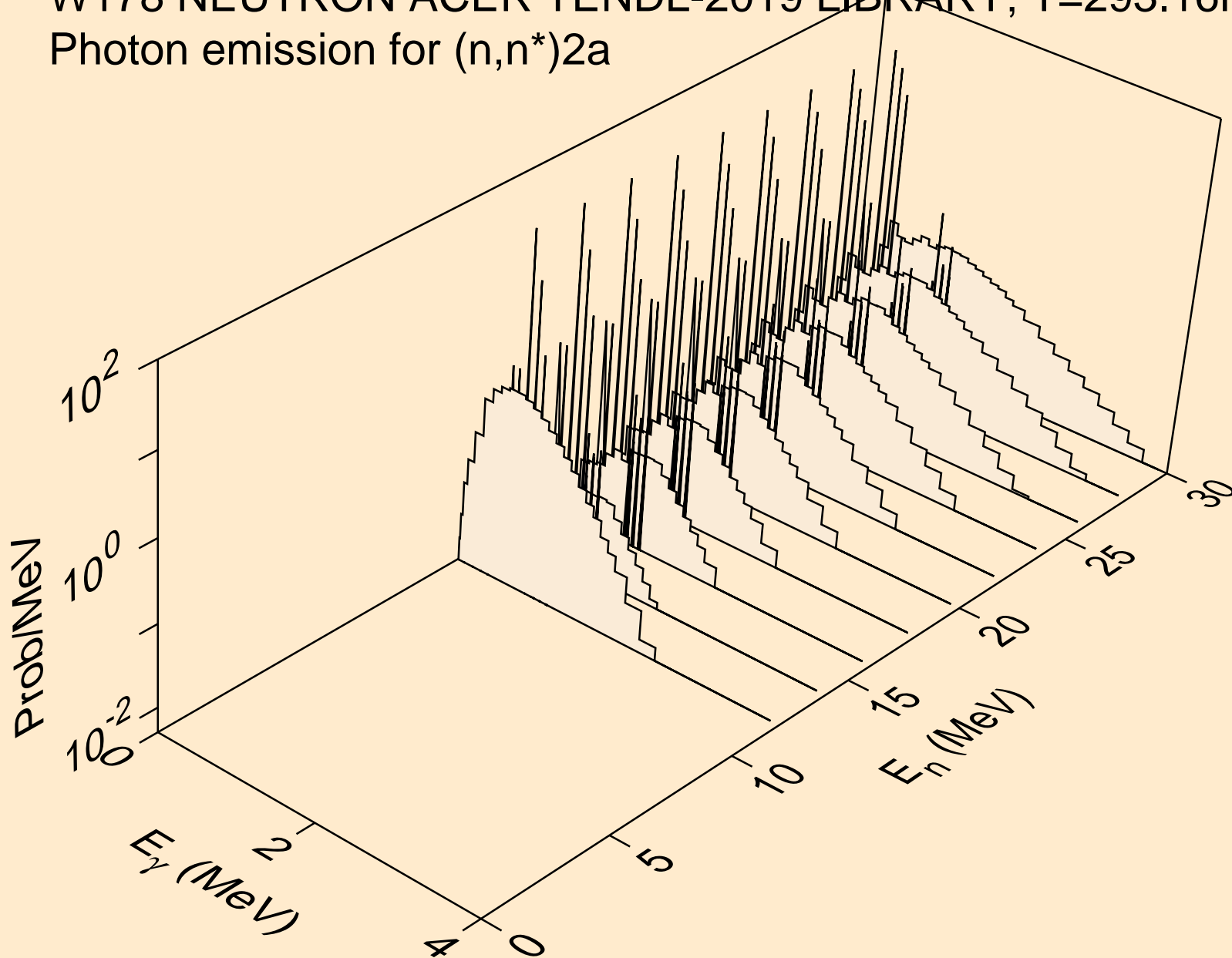
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



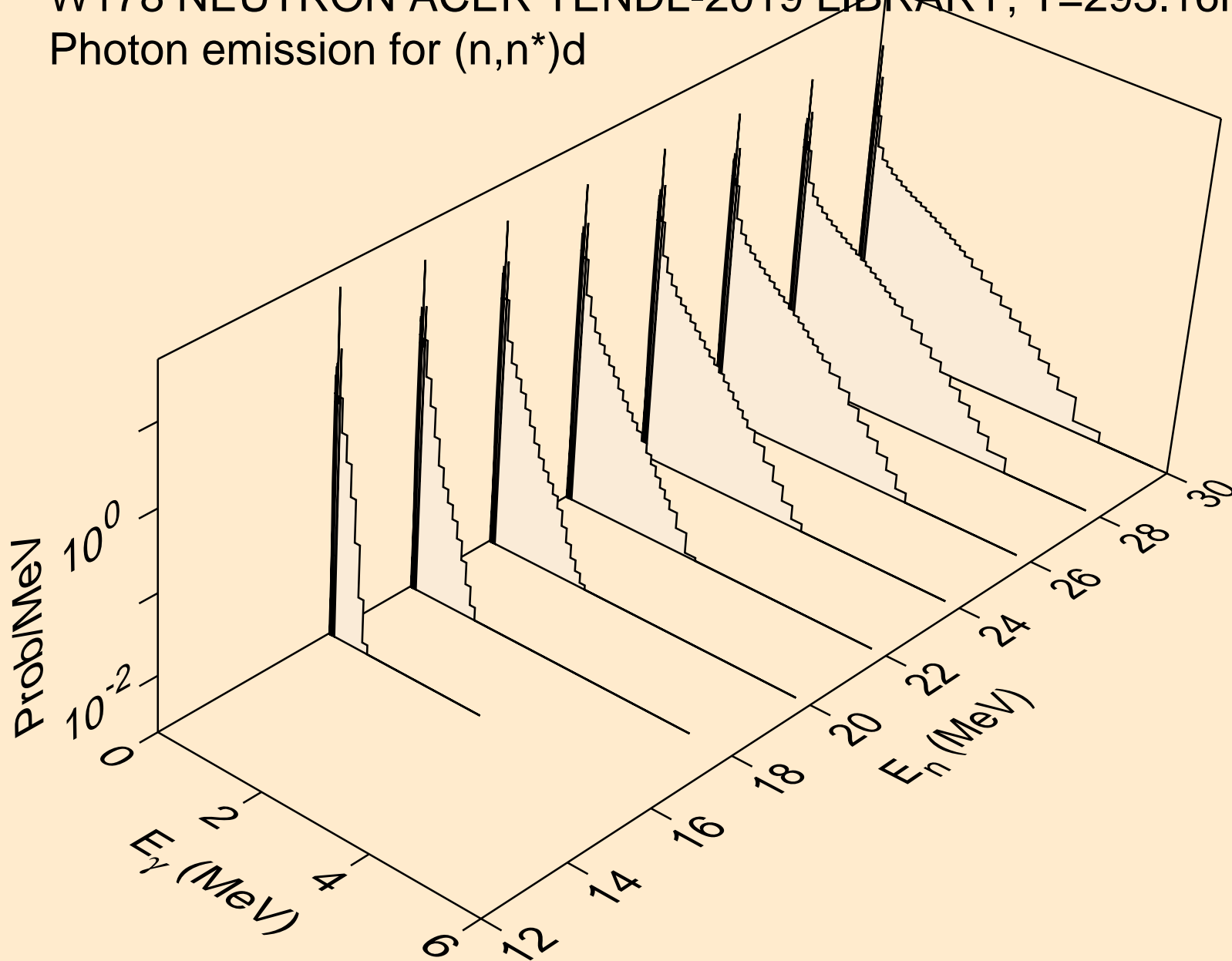
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



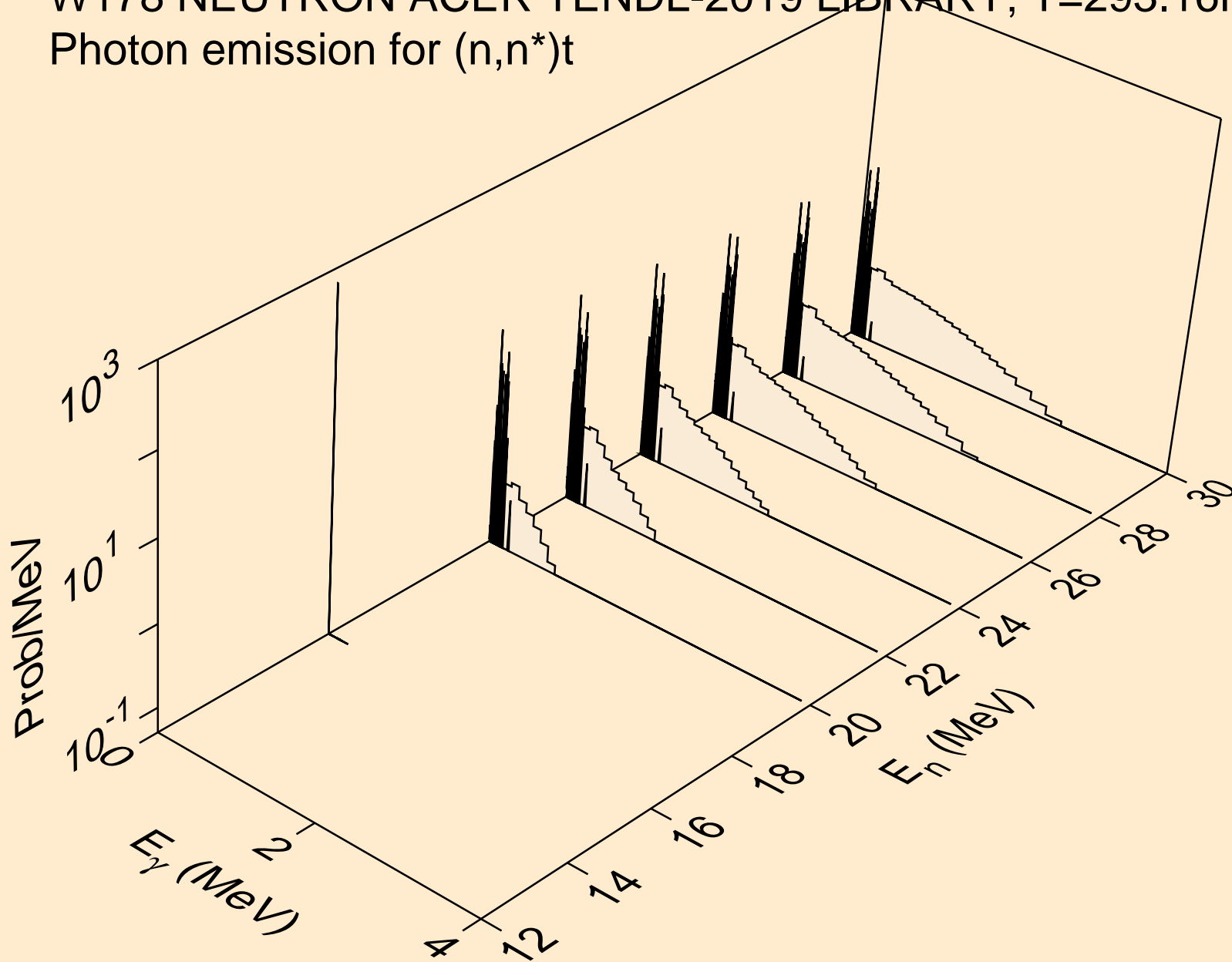
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



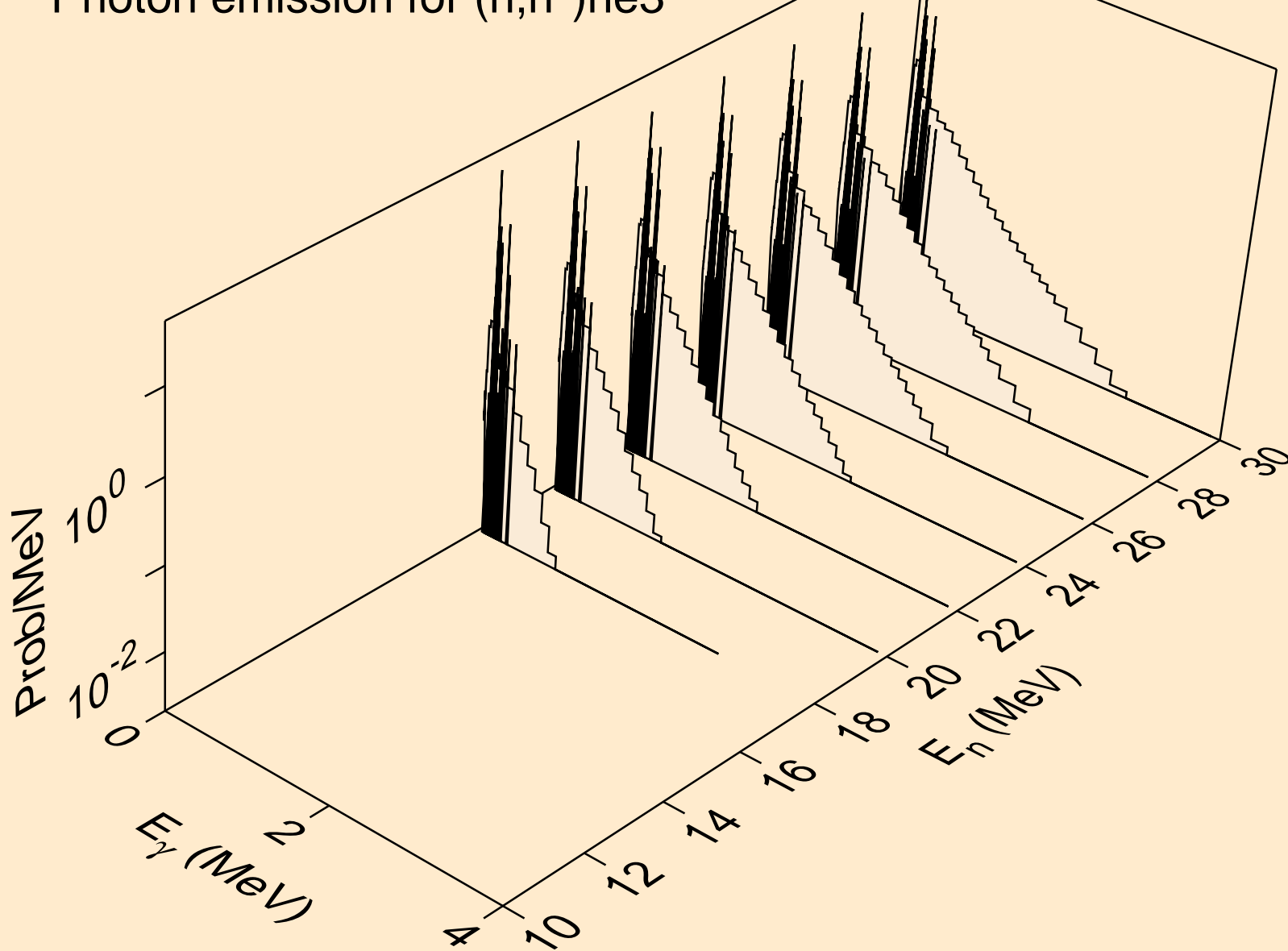
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



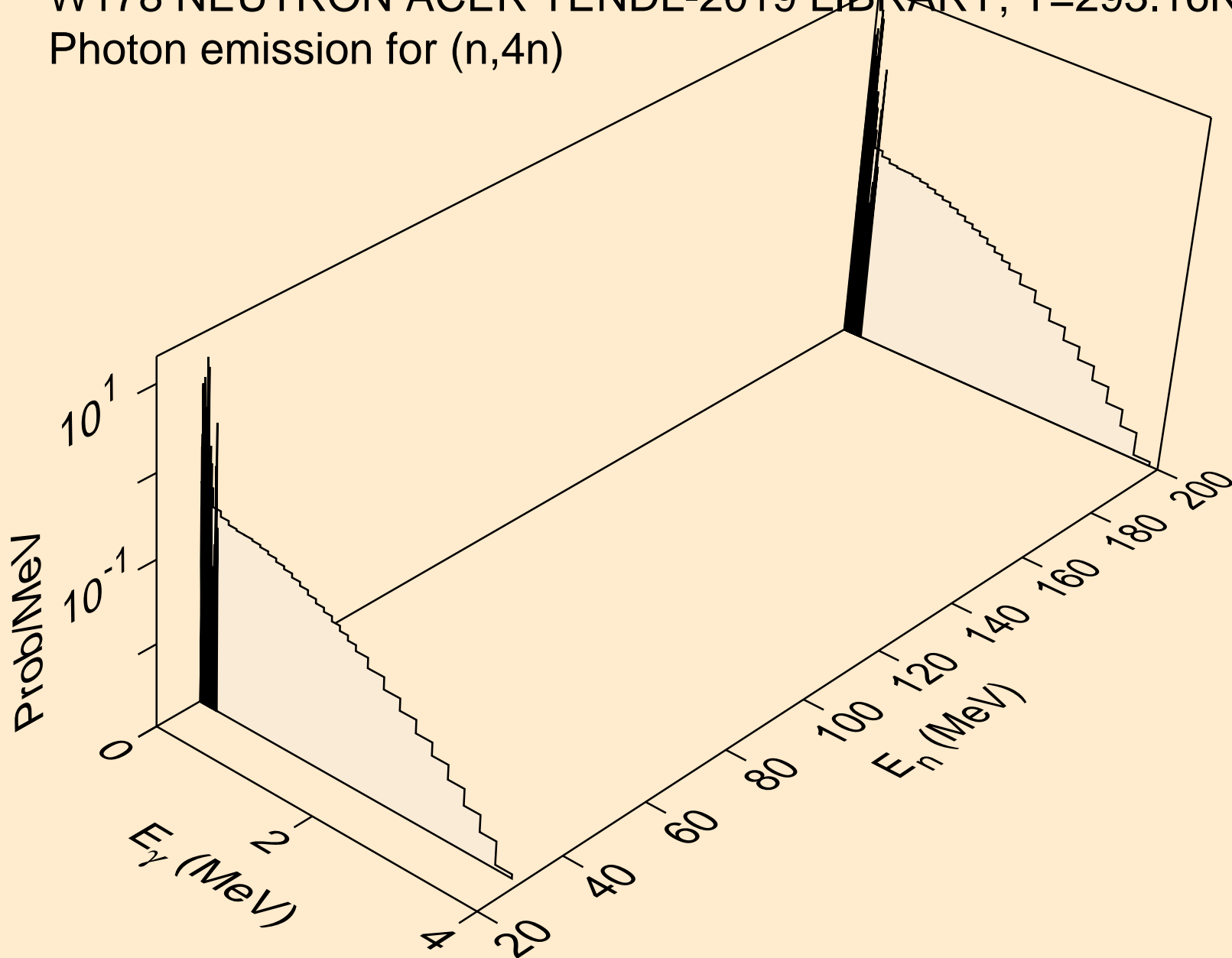
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



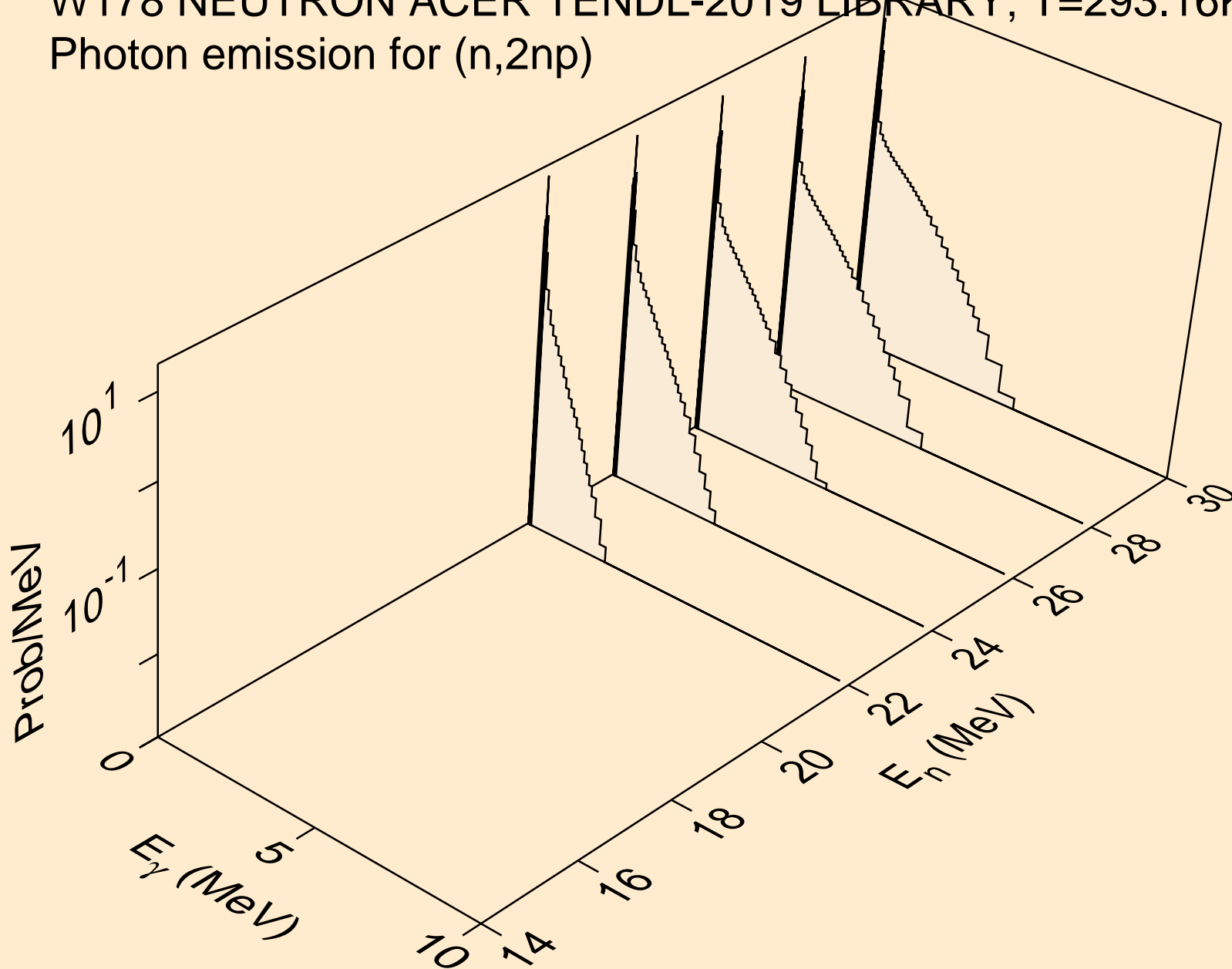
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



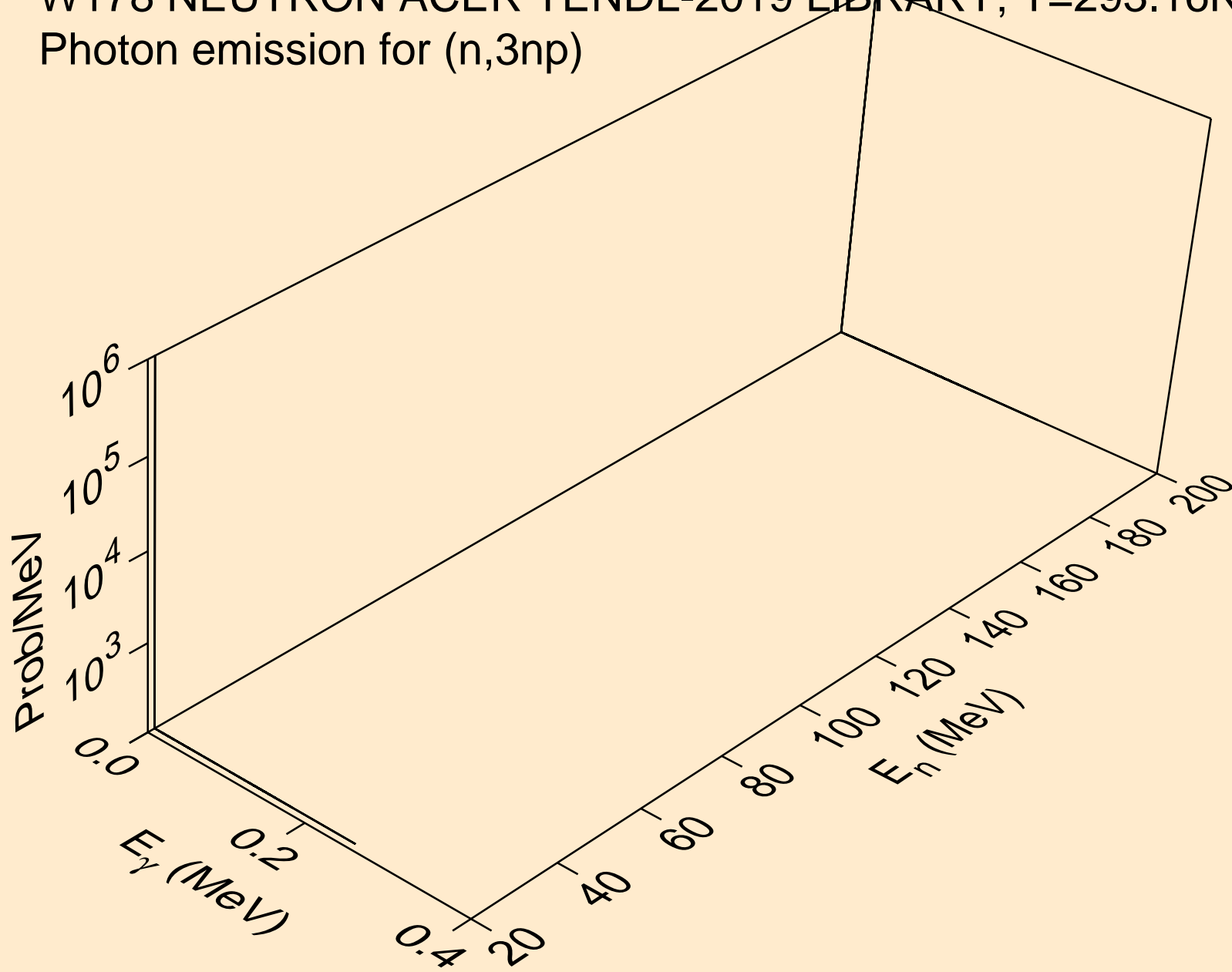
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



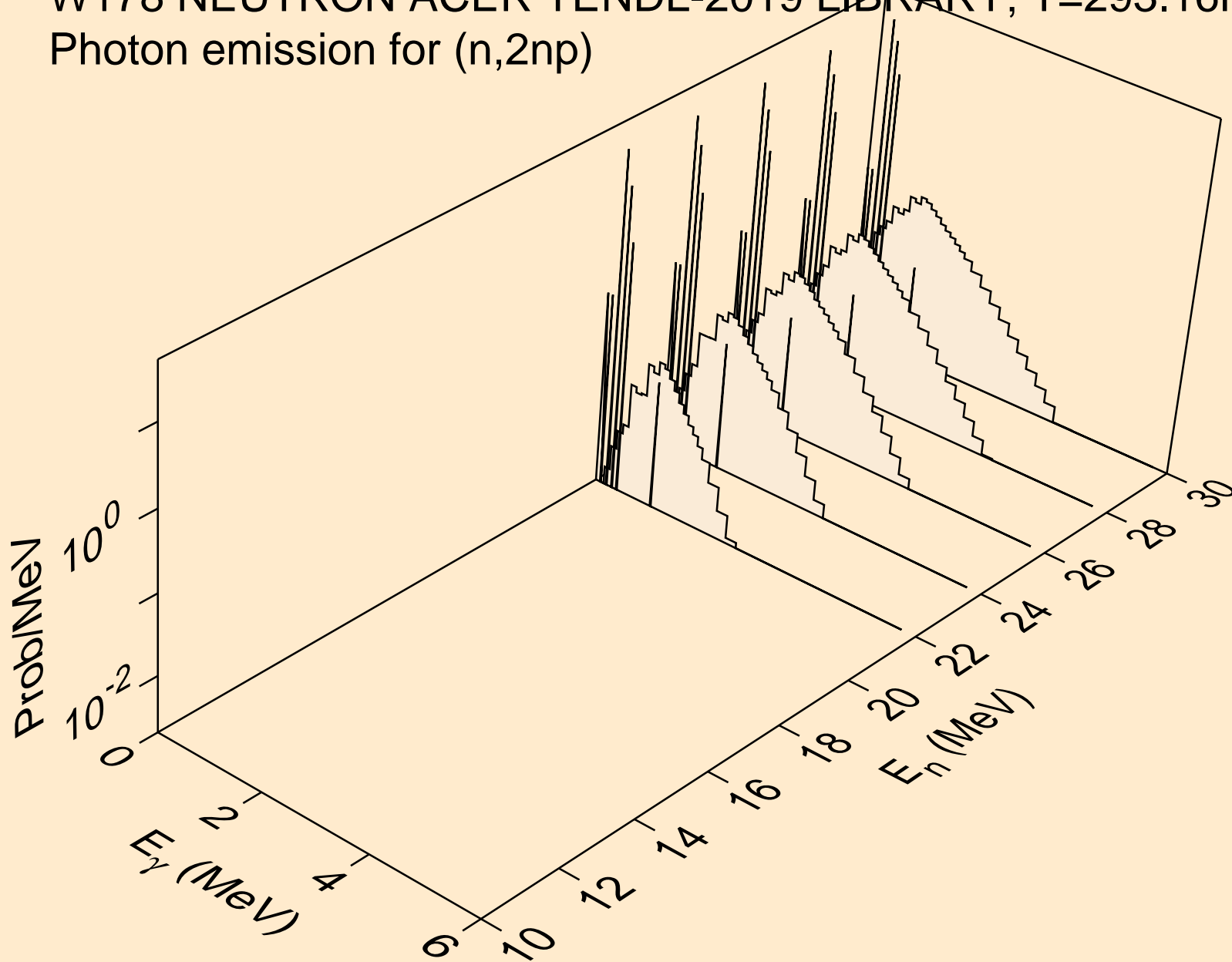
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



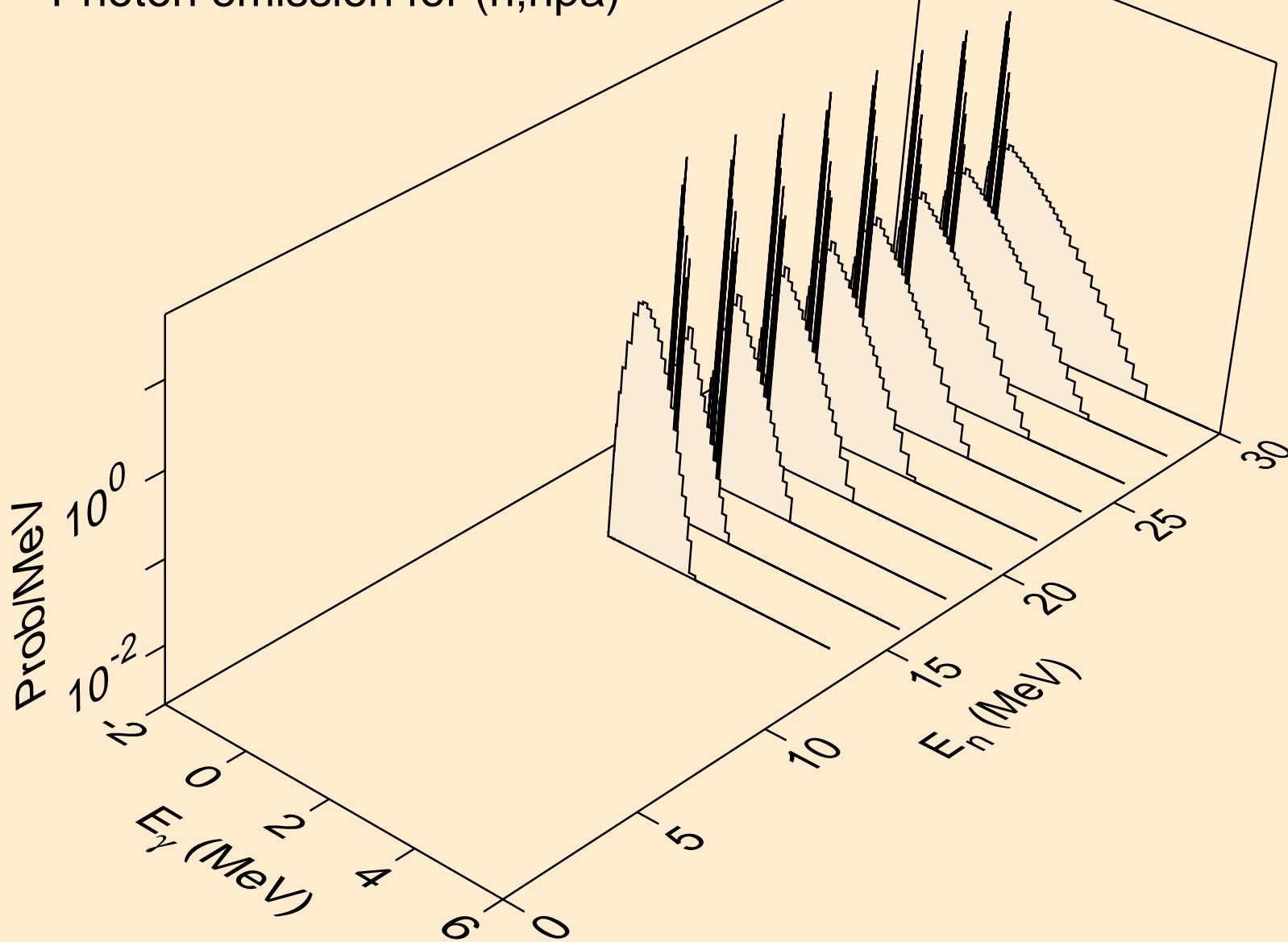
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



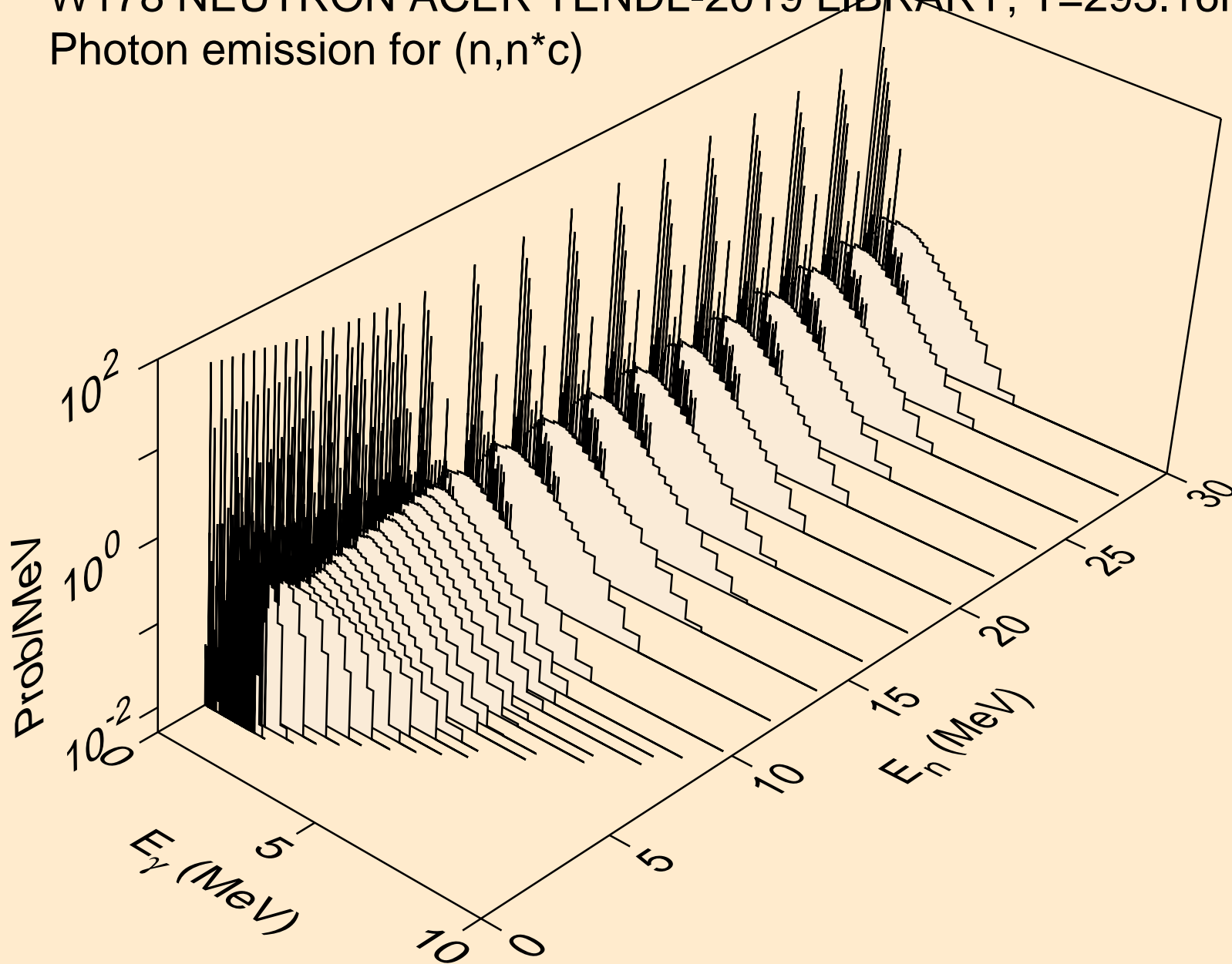
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



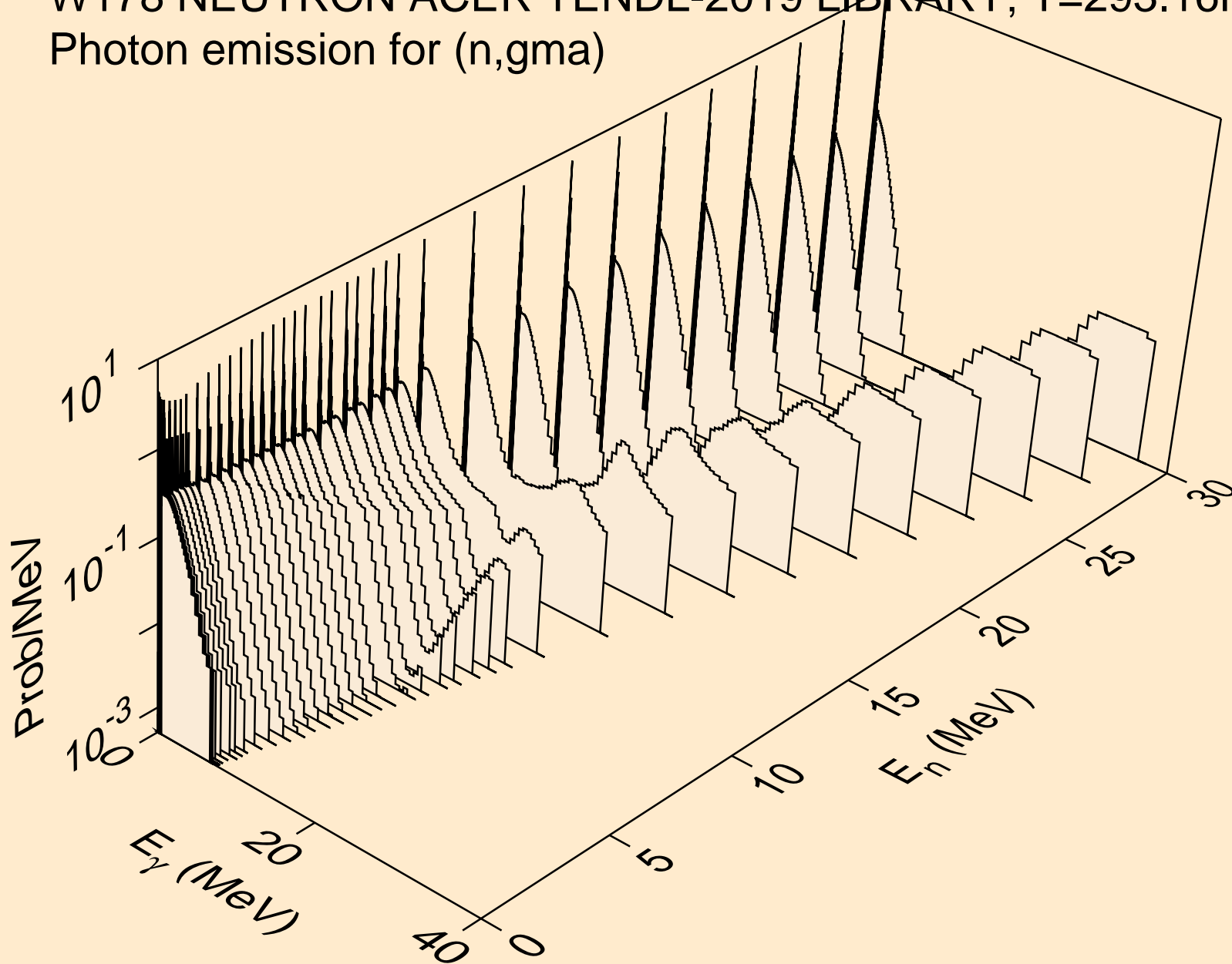
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



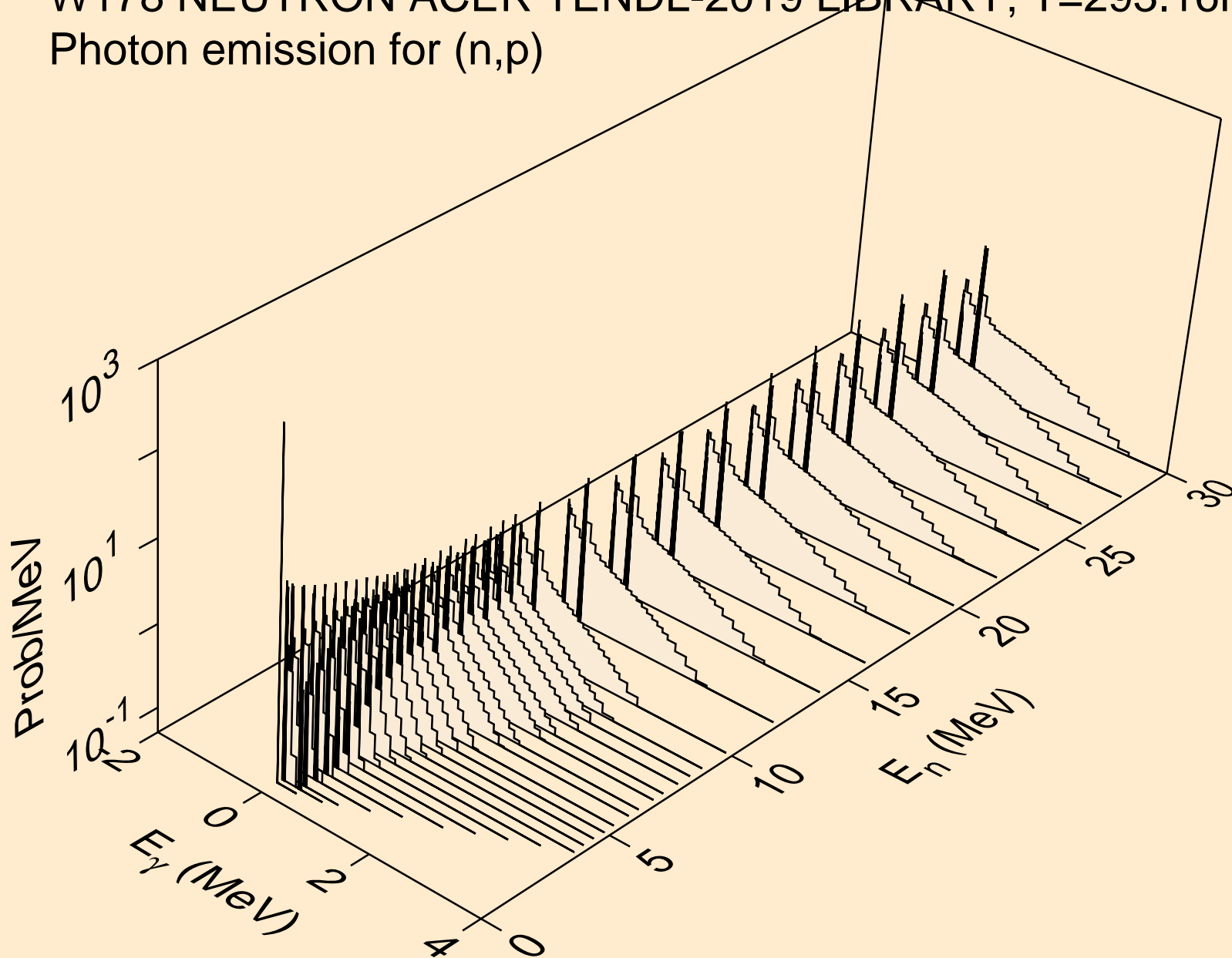
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



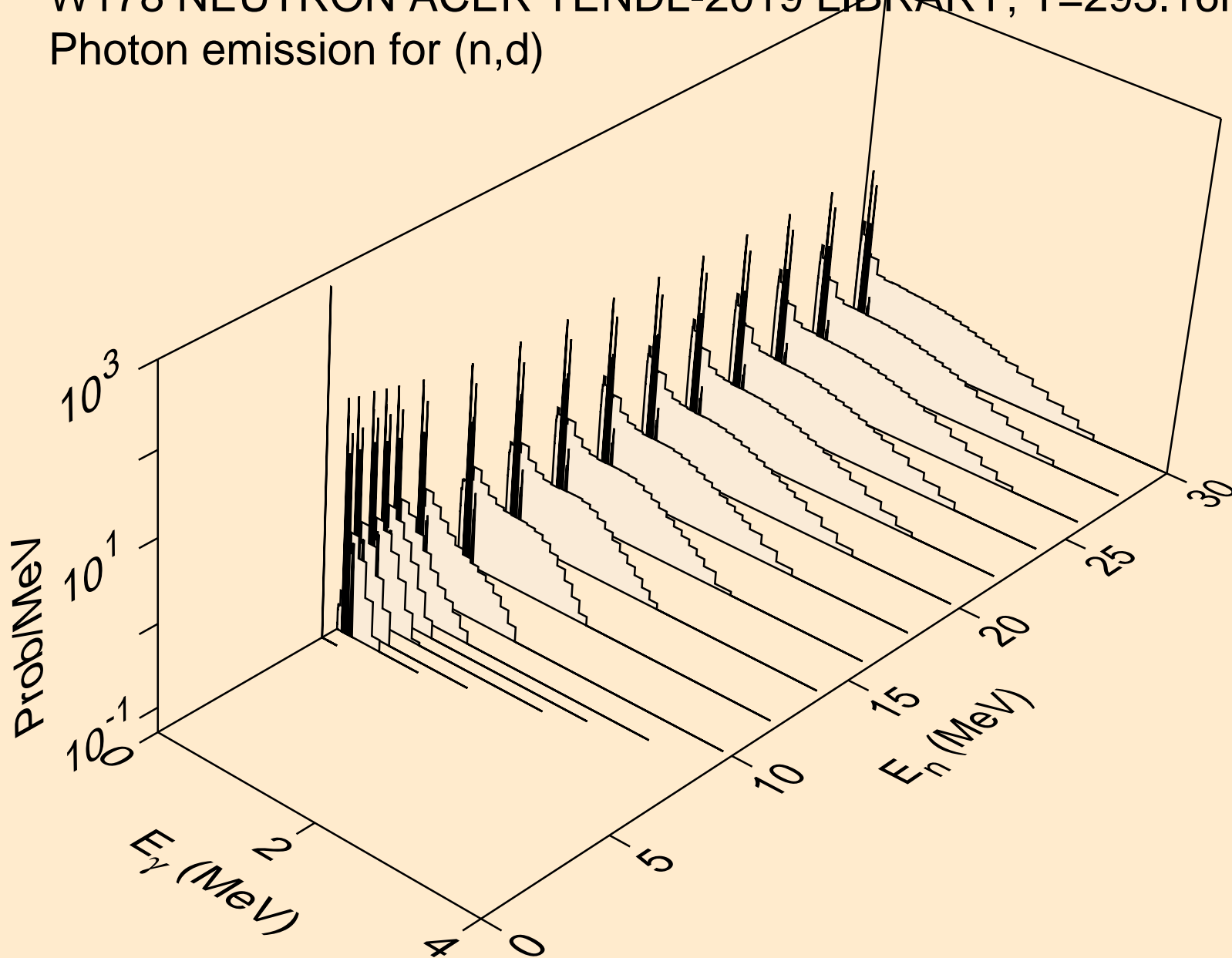
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



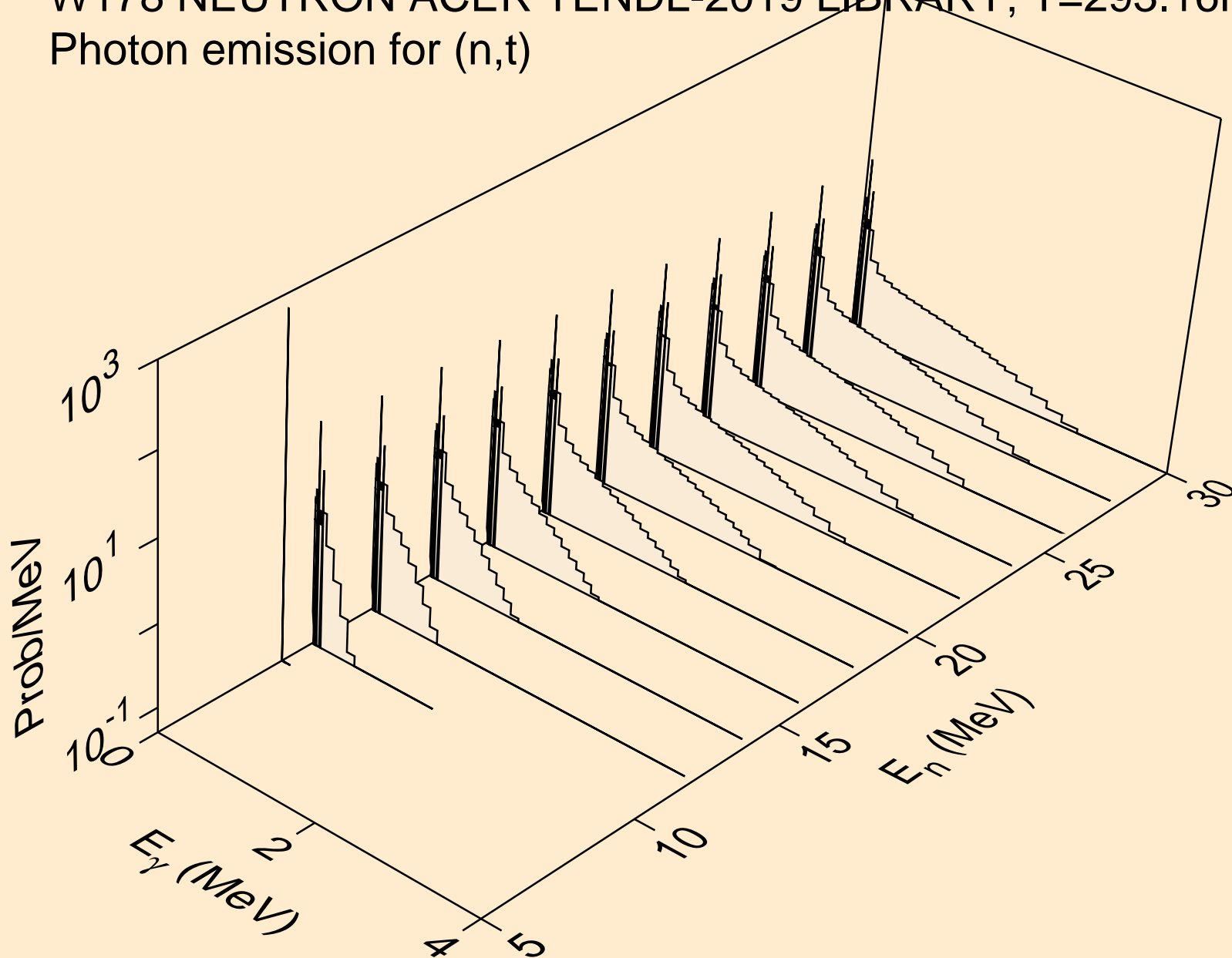
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



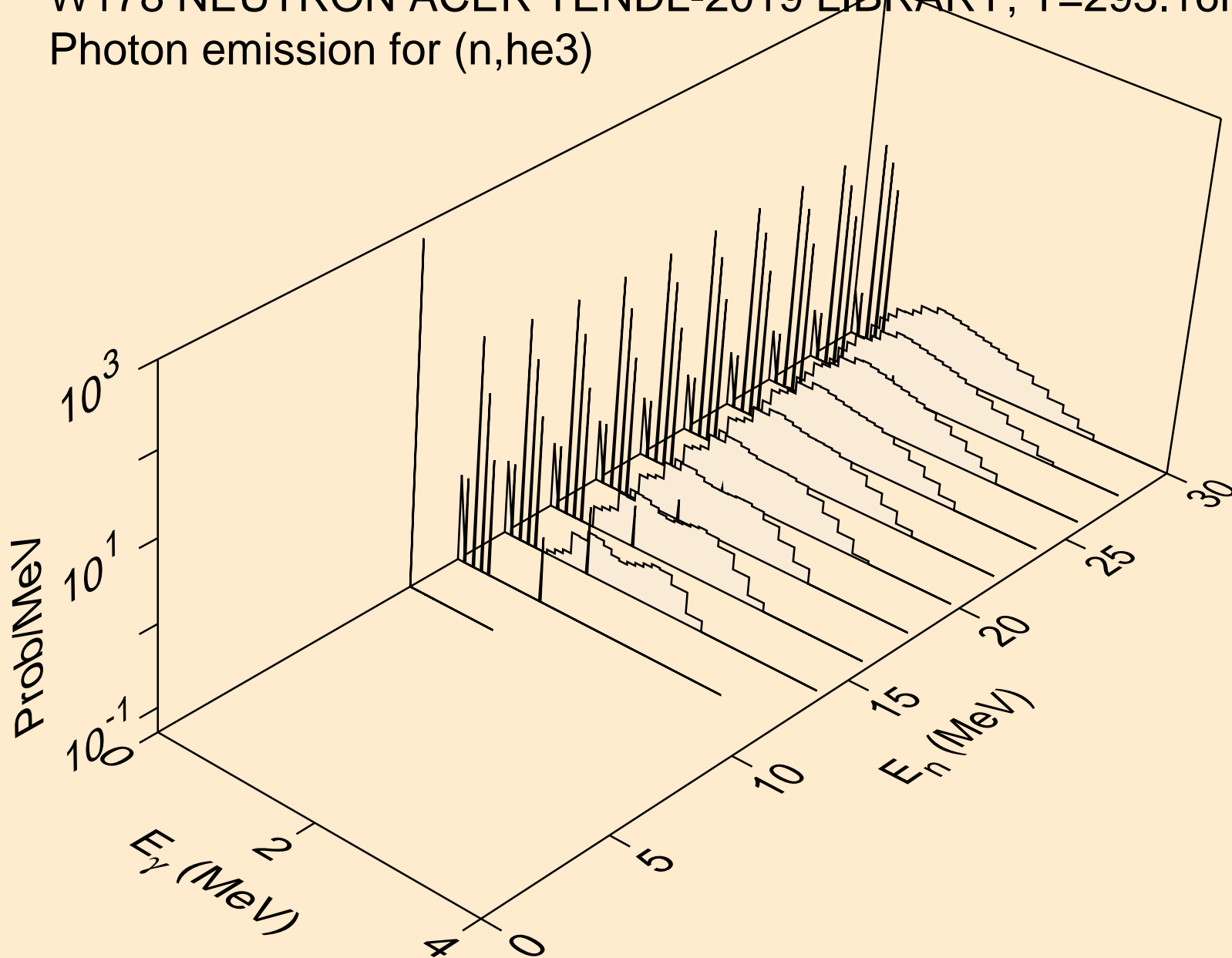
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



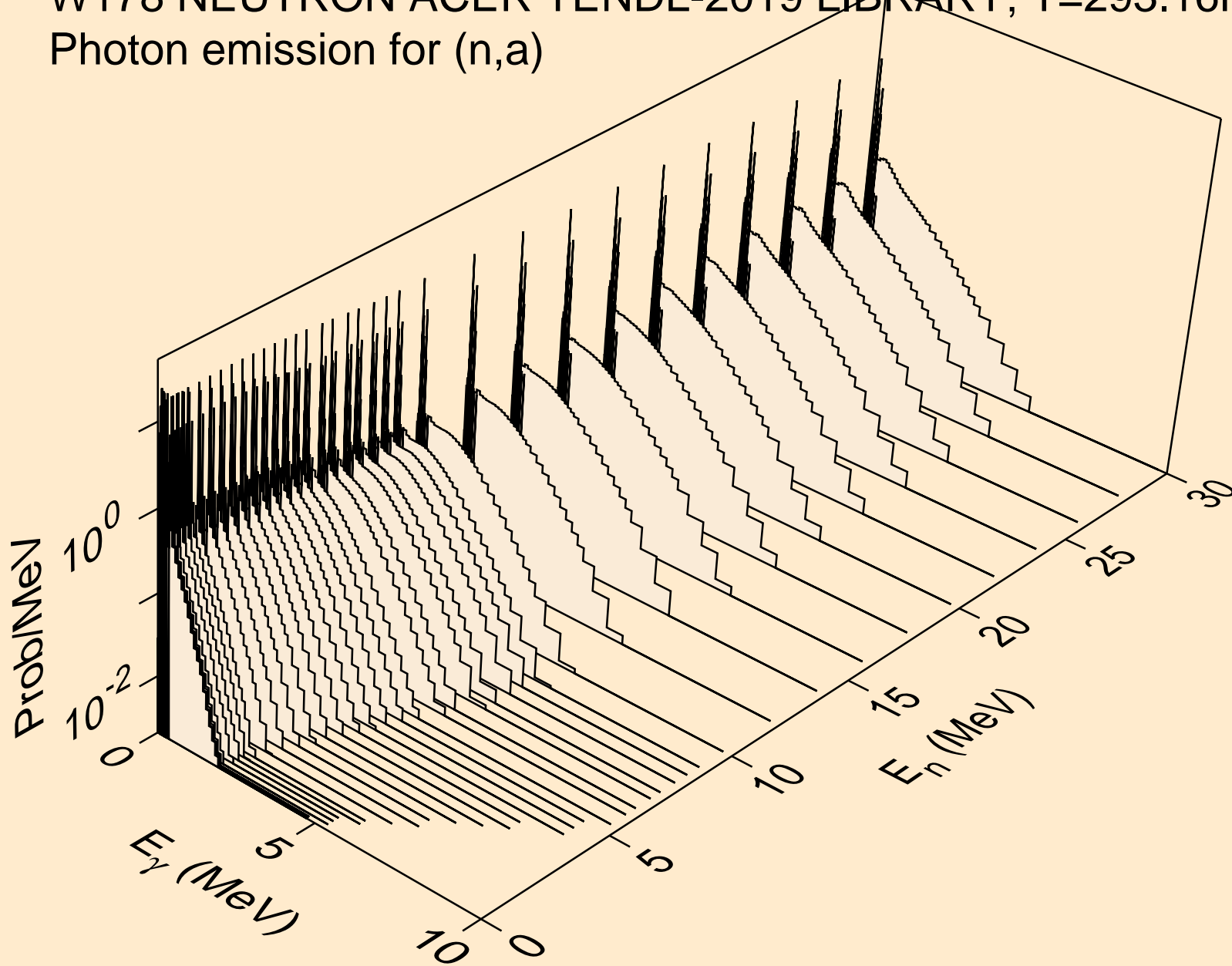
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



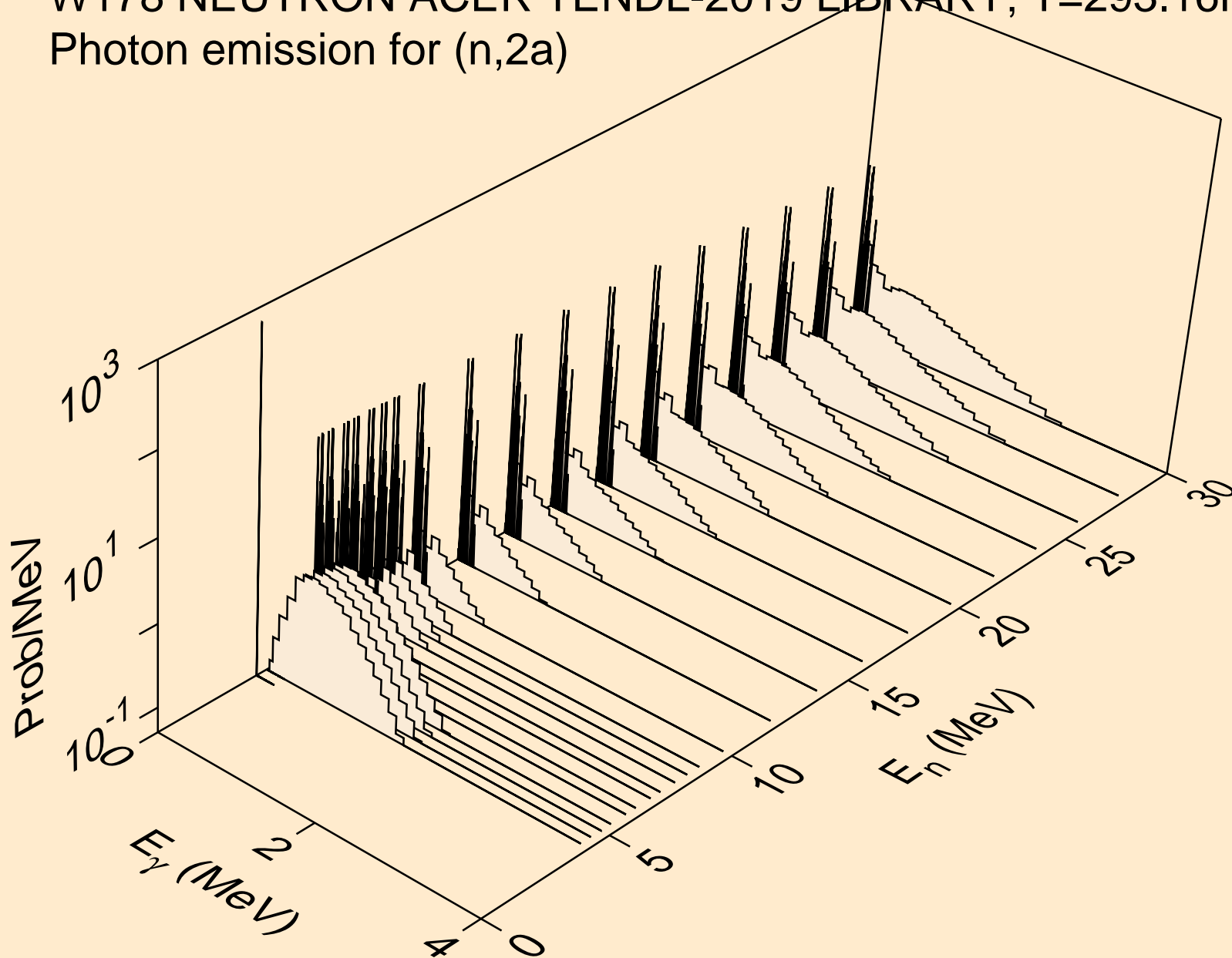
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



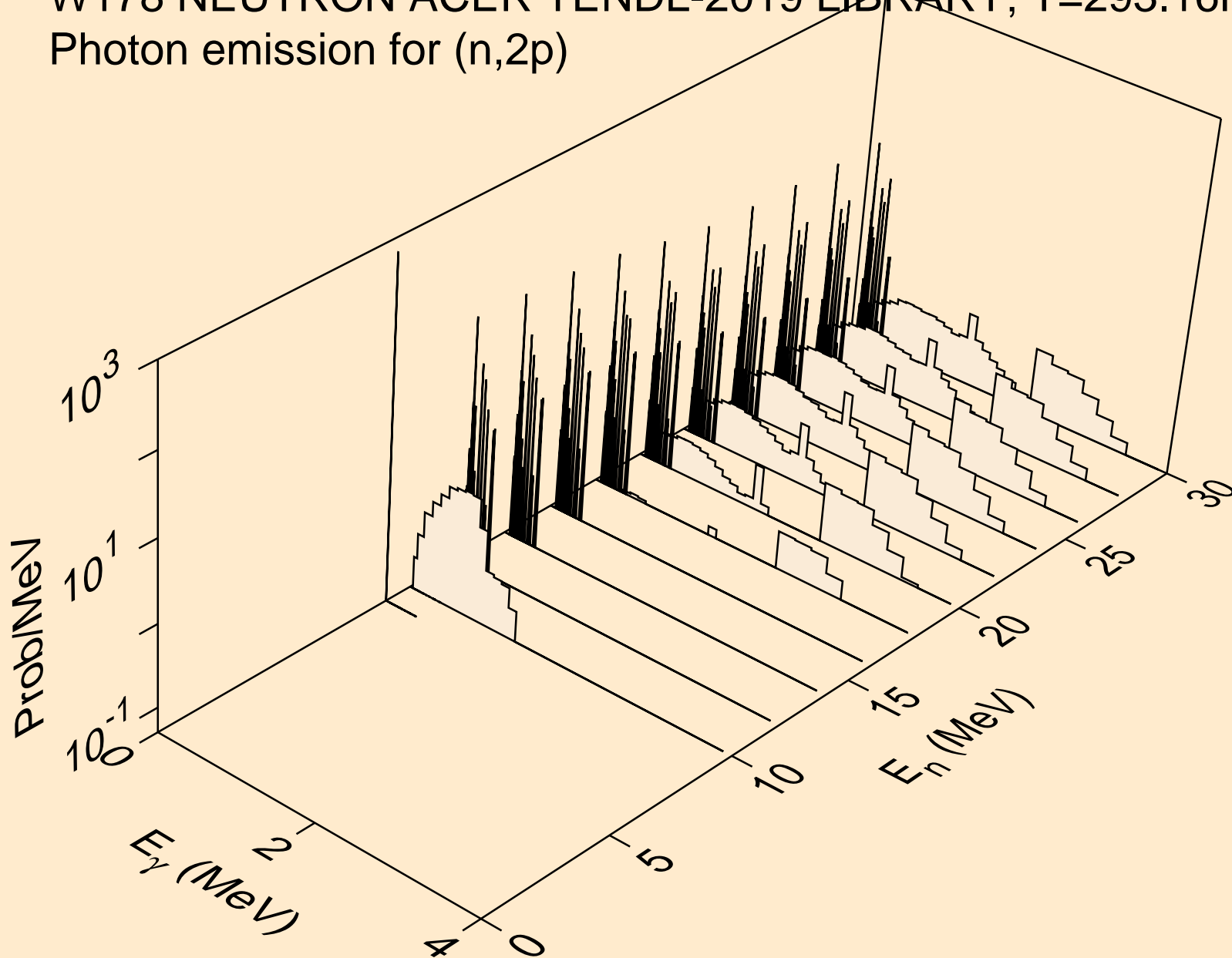
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



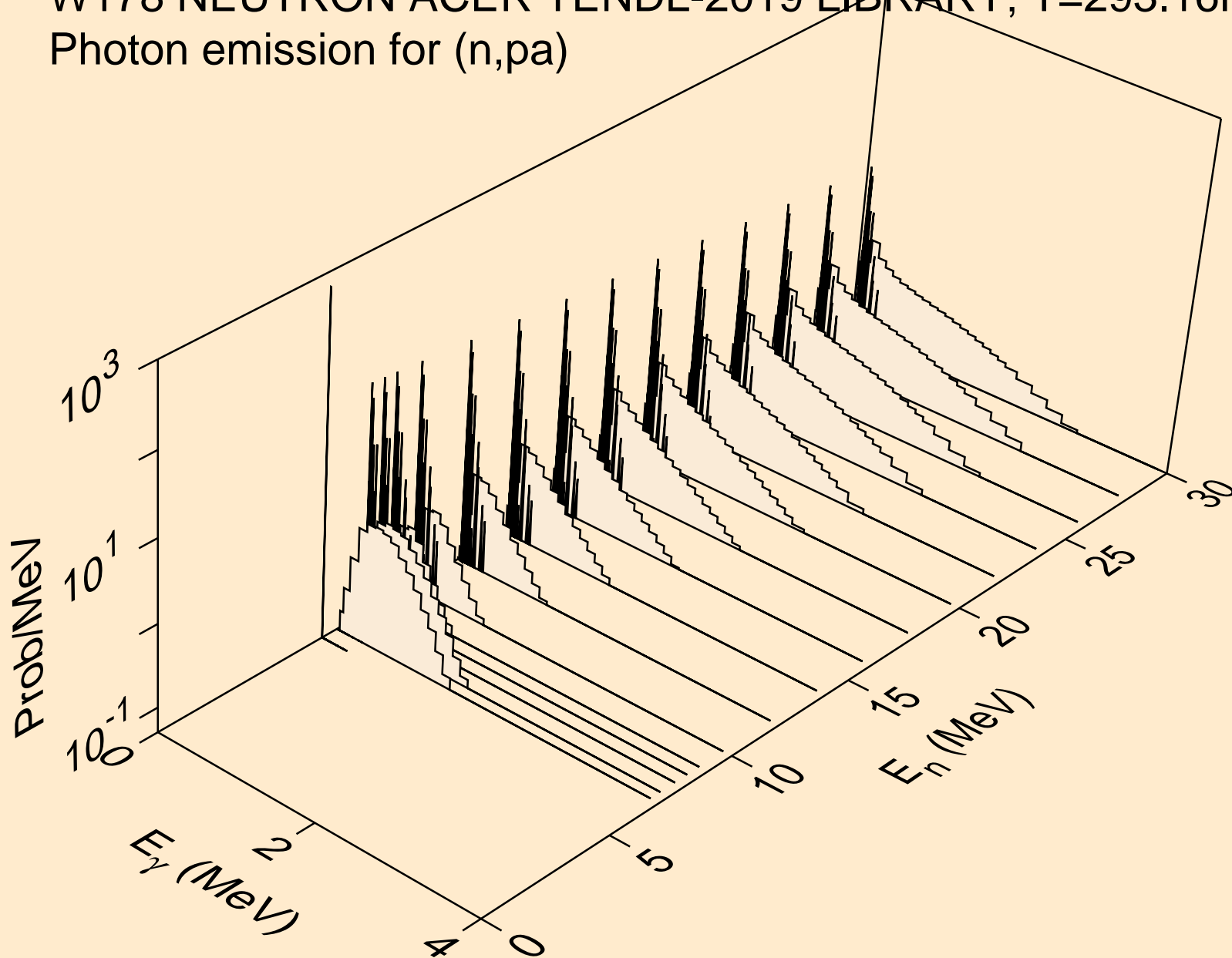
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



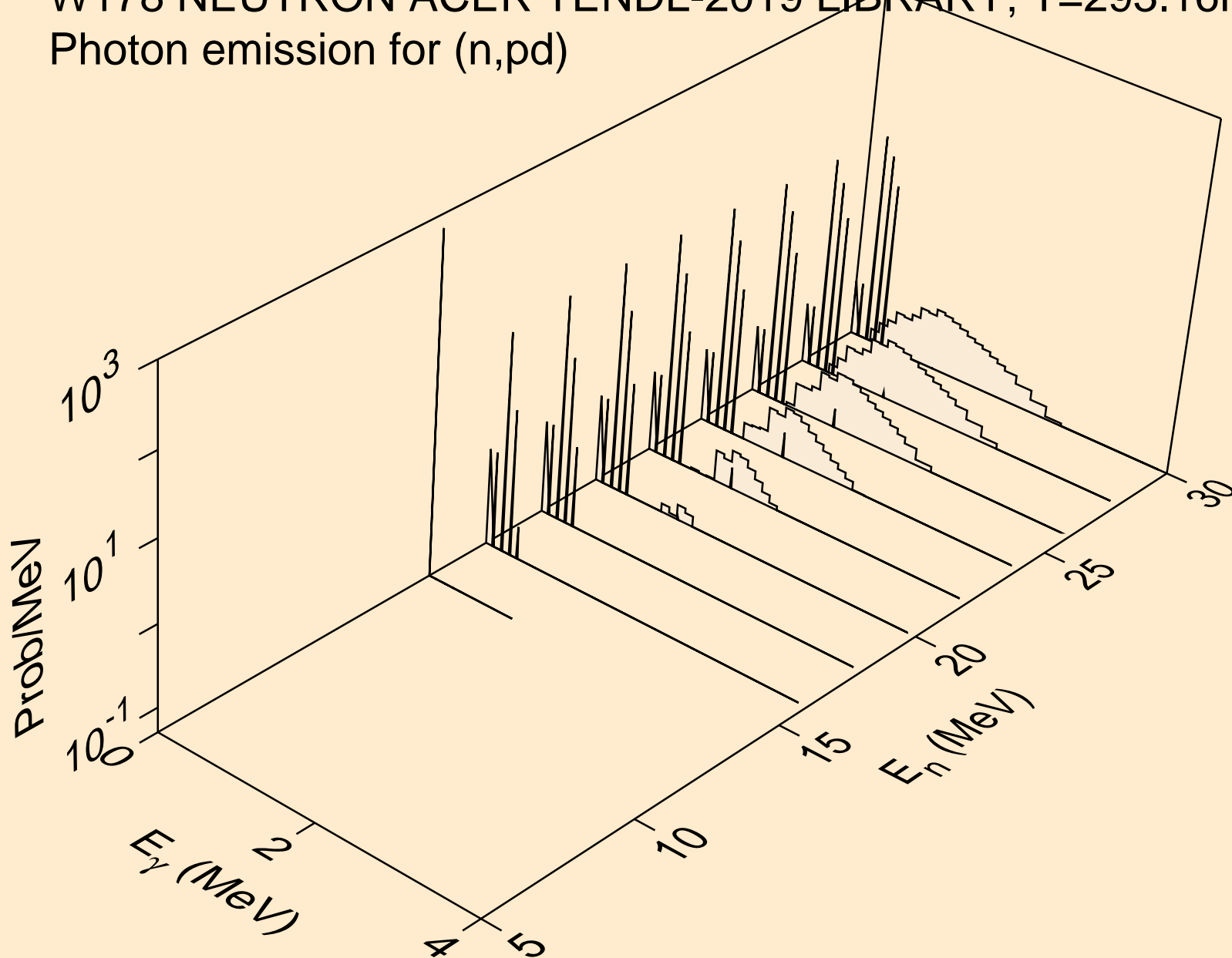
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



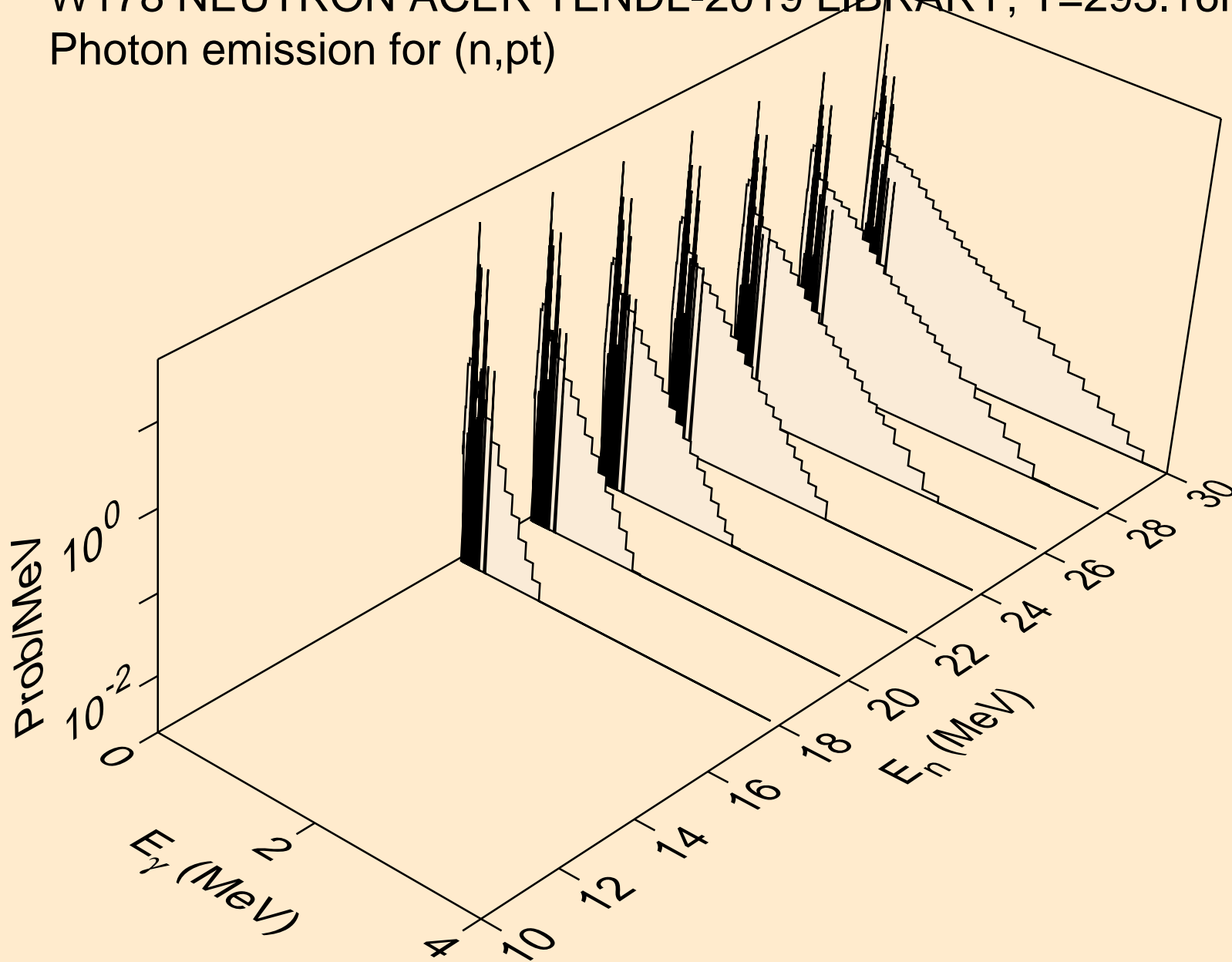
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



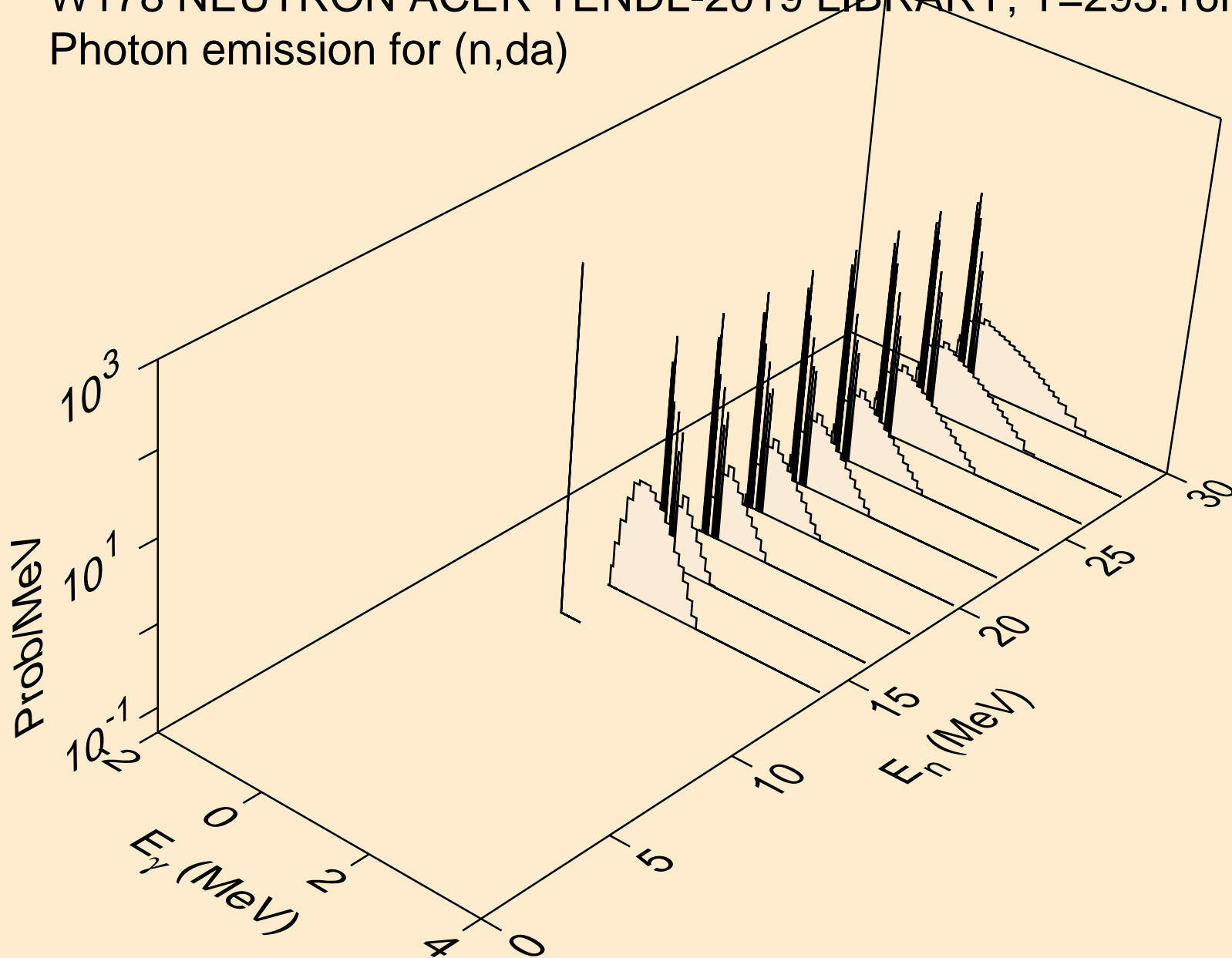
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



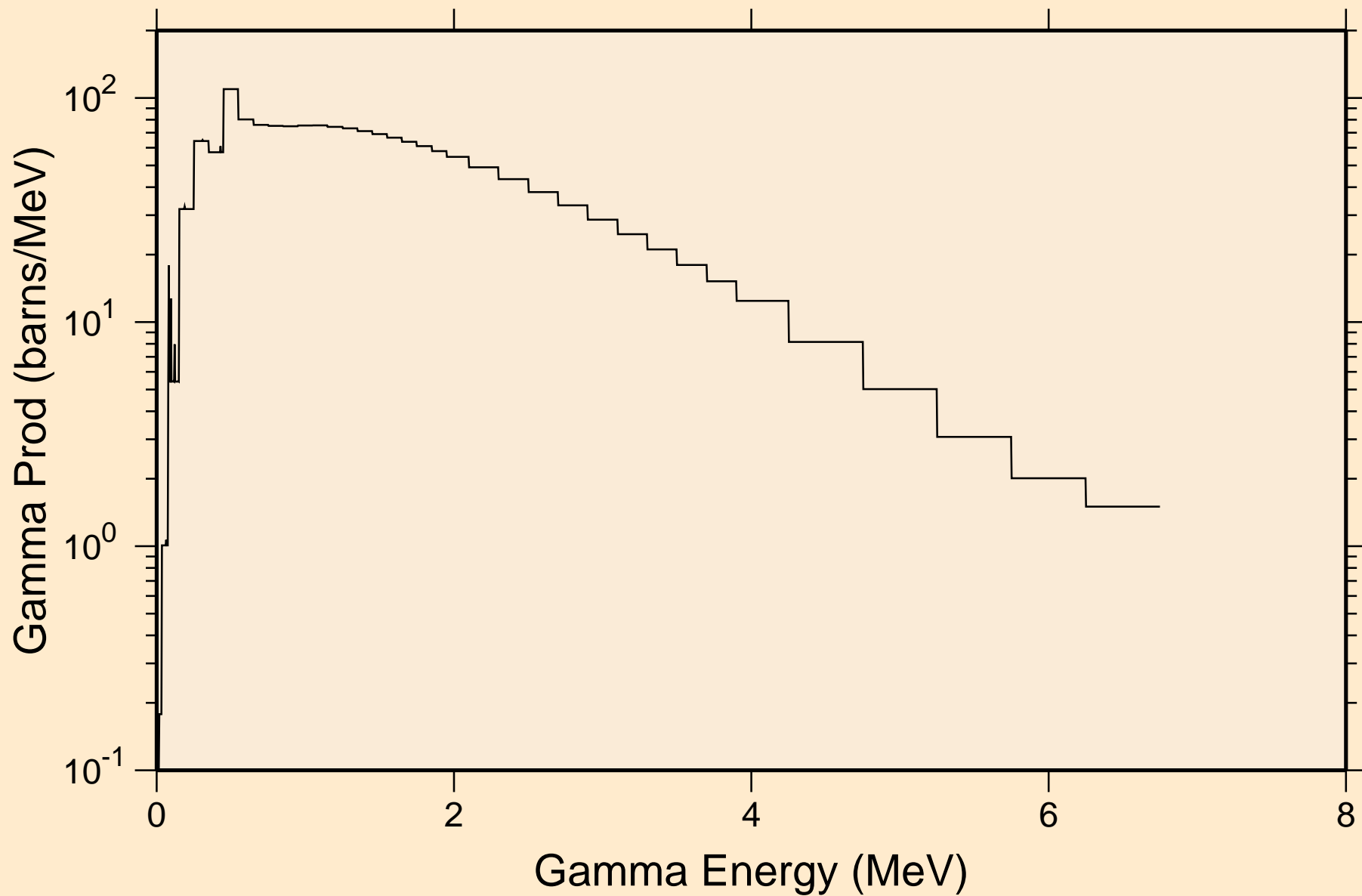
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



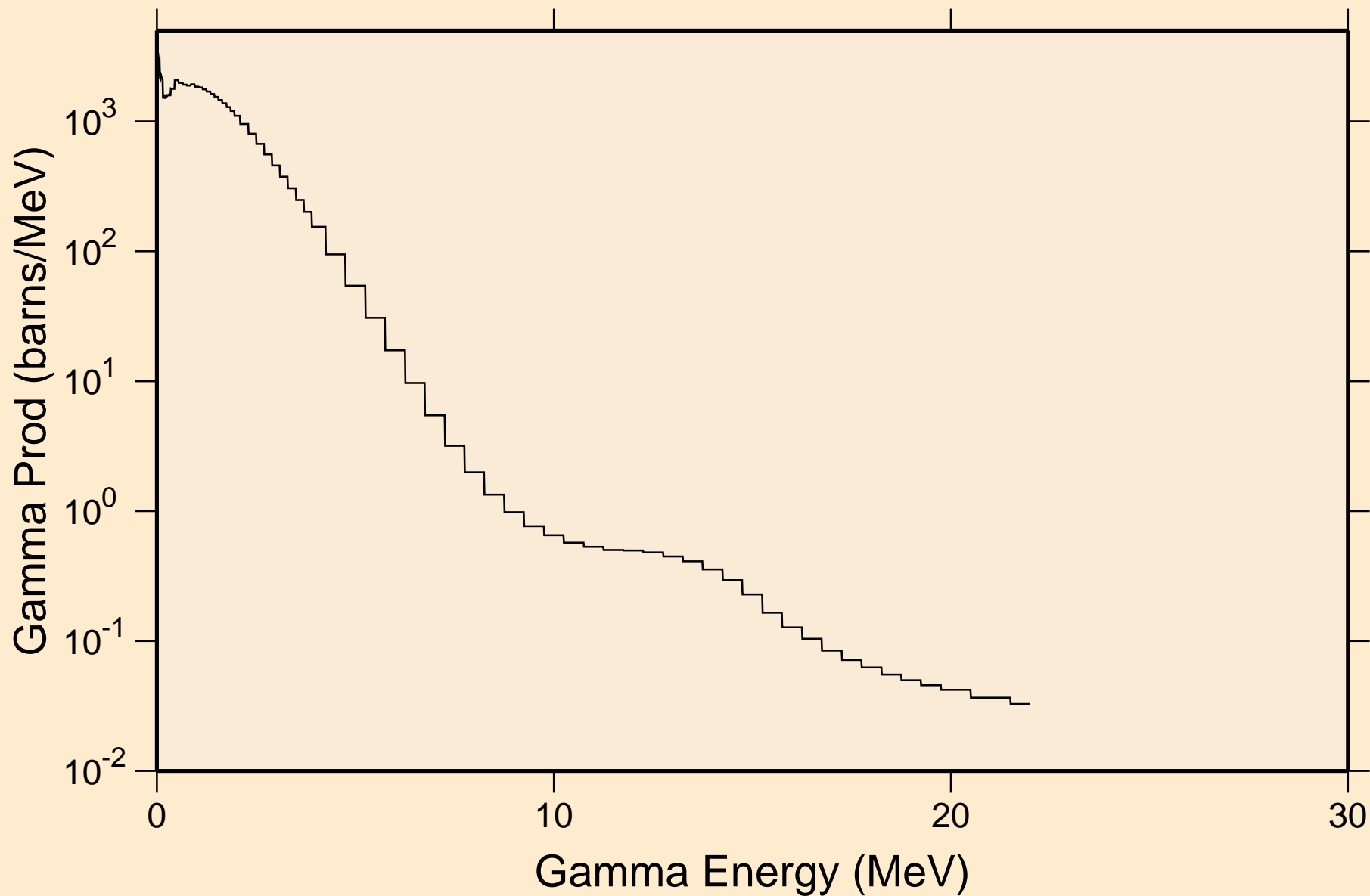
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d α)



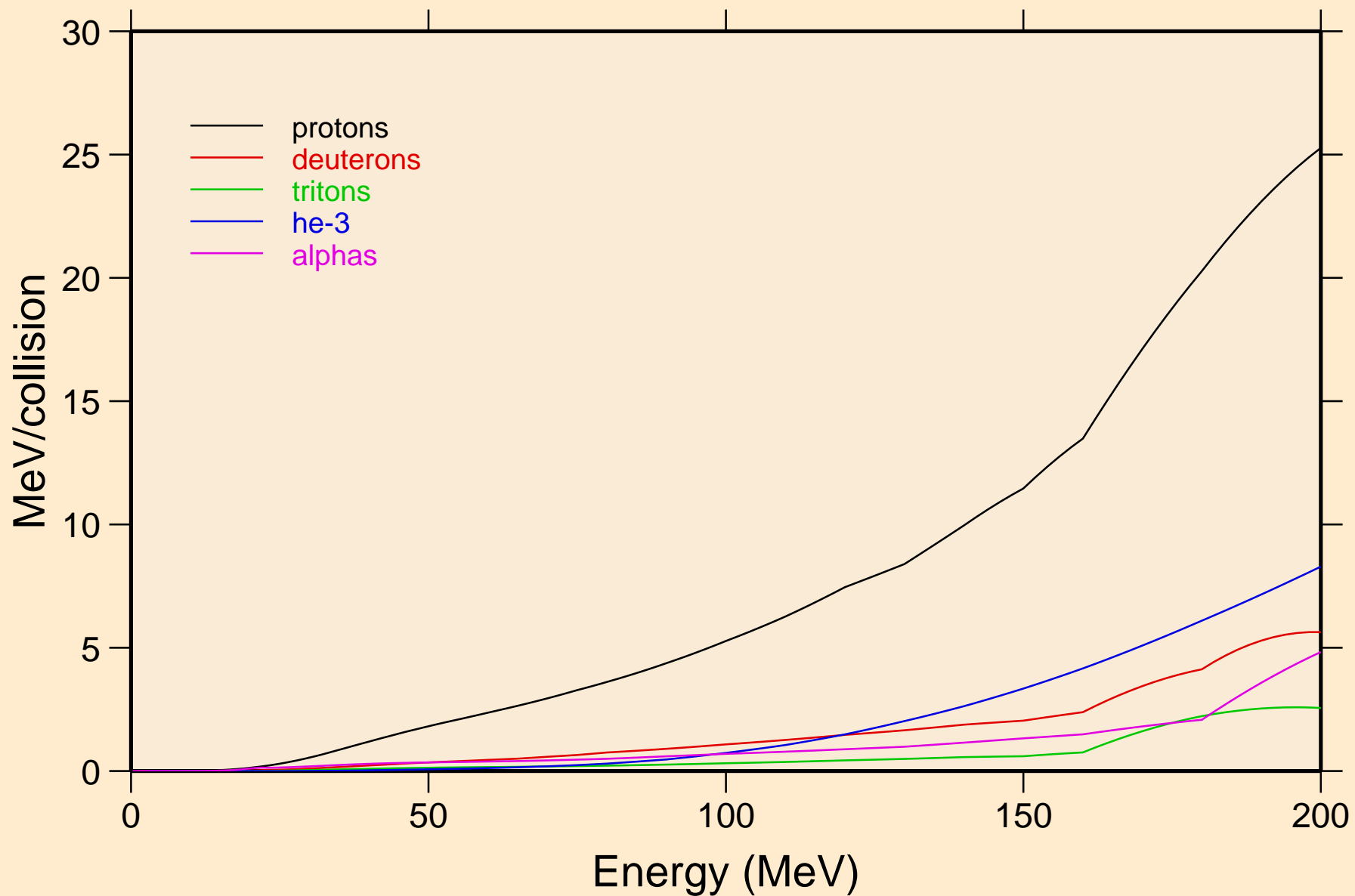
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



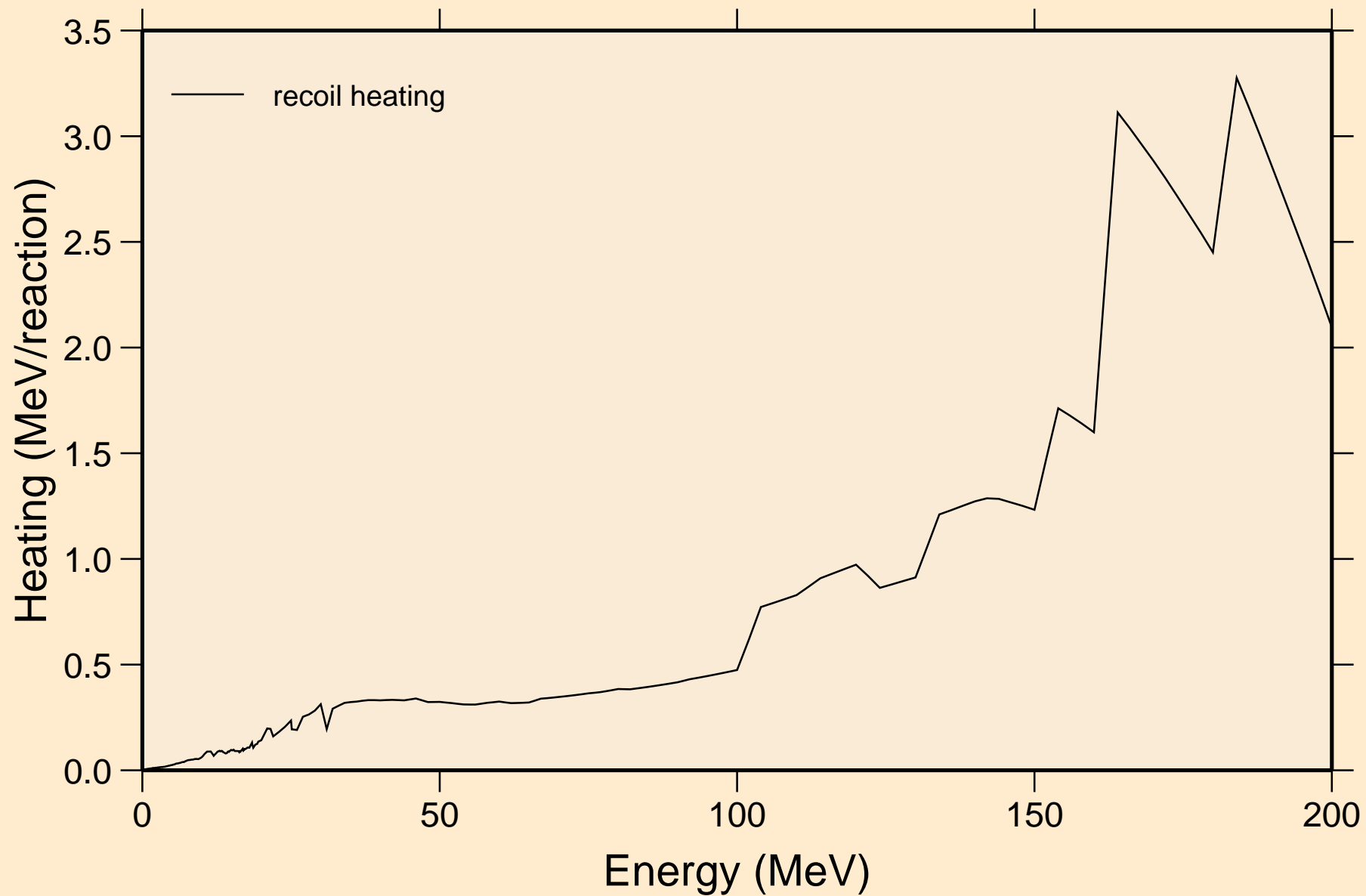
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



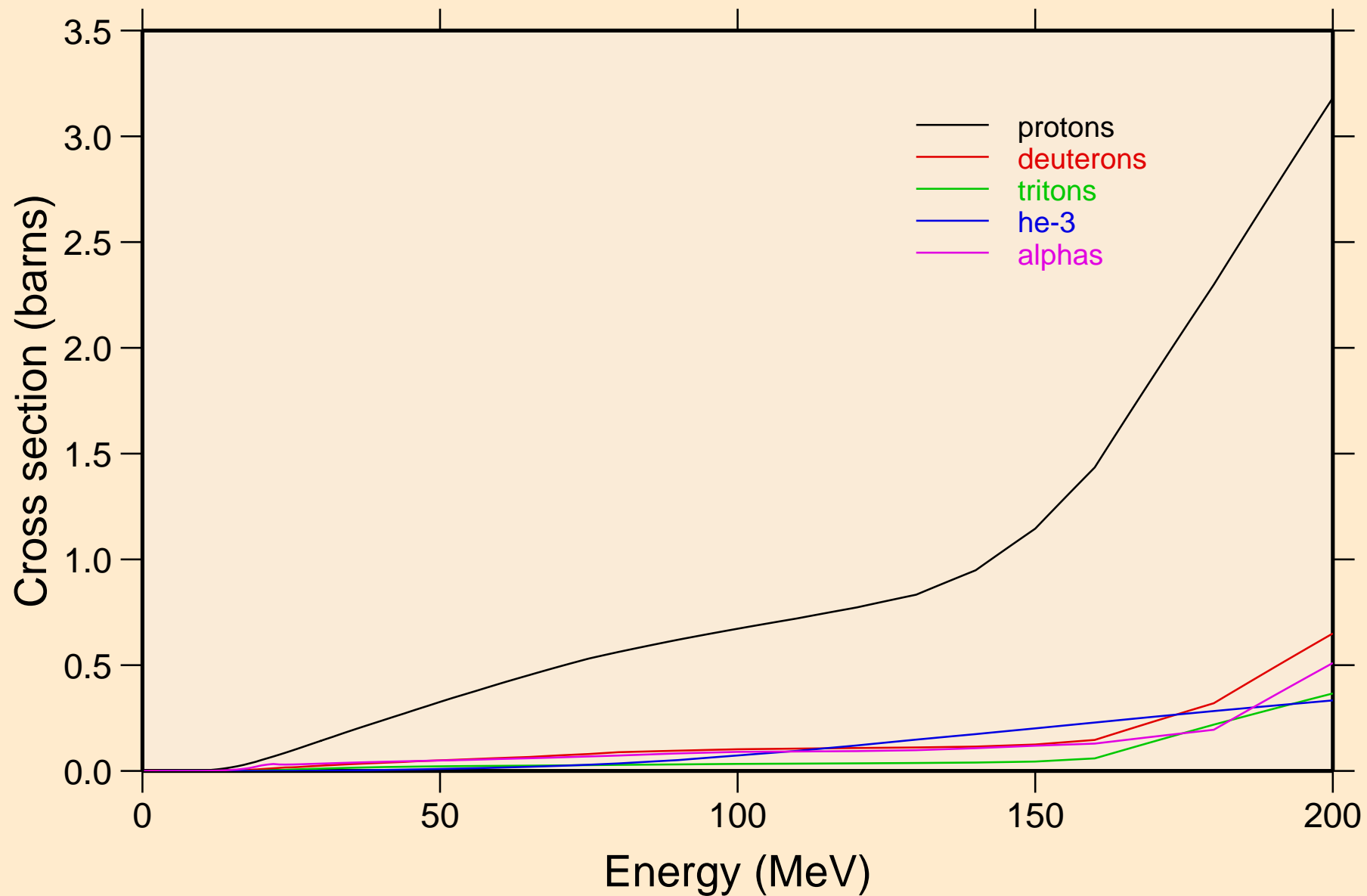
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions



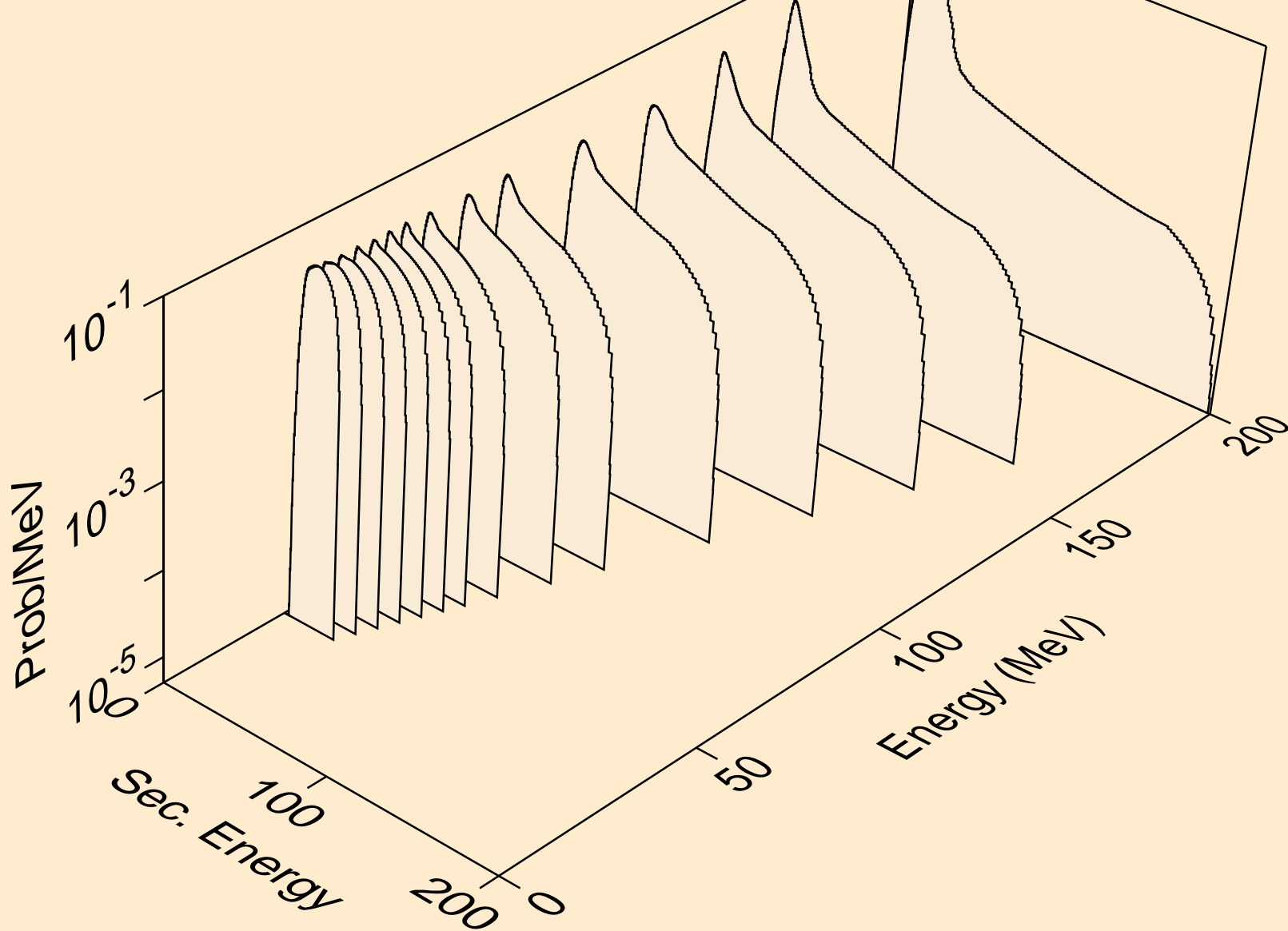
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



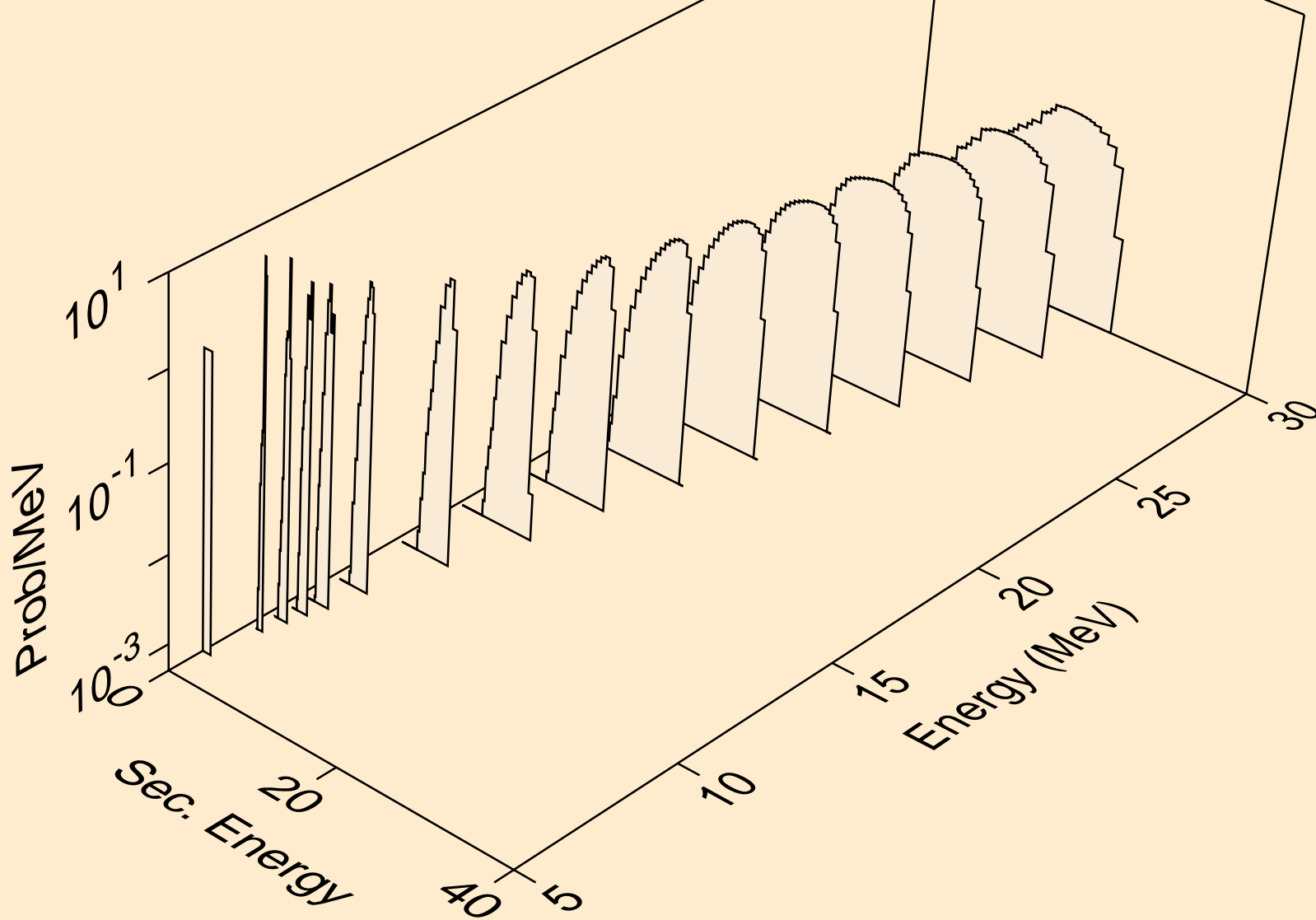
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



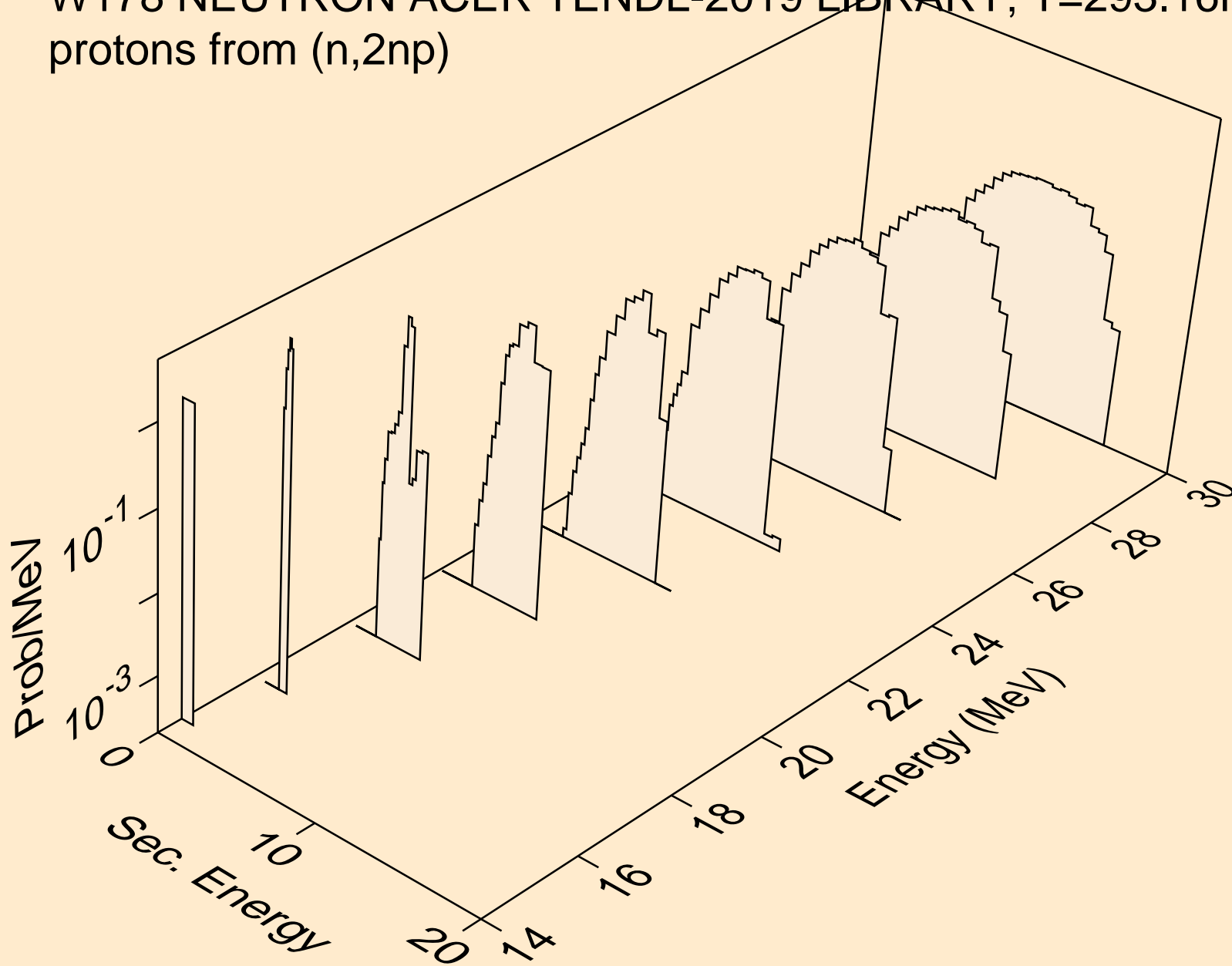
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



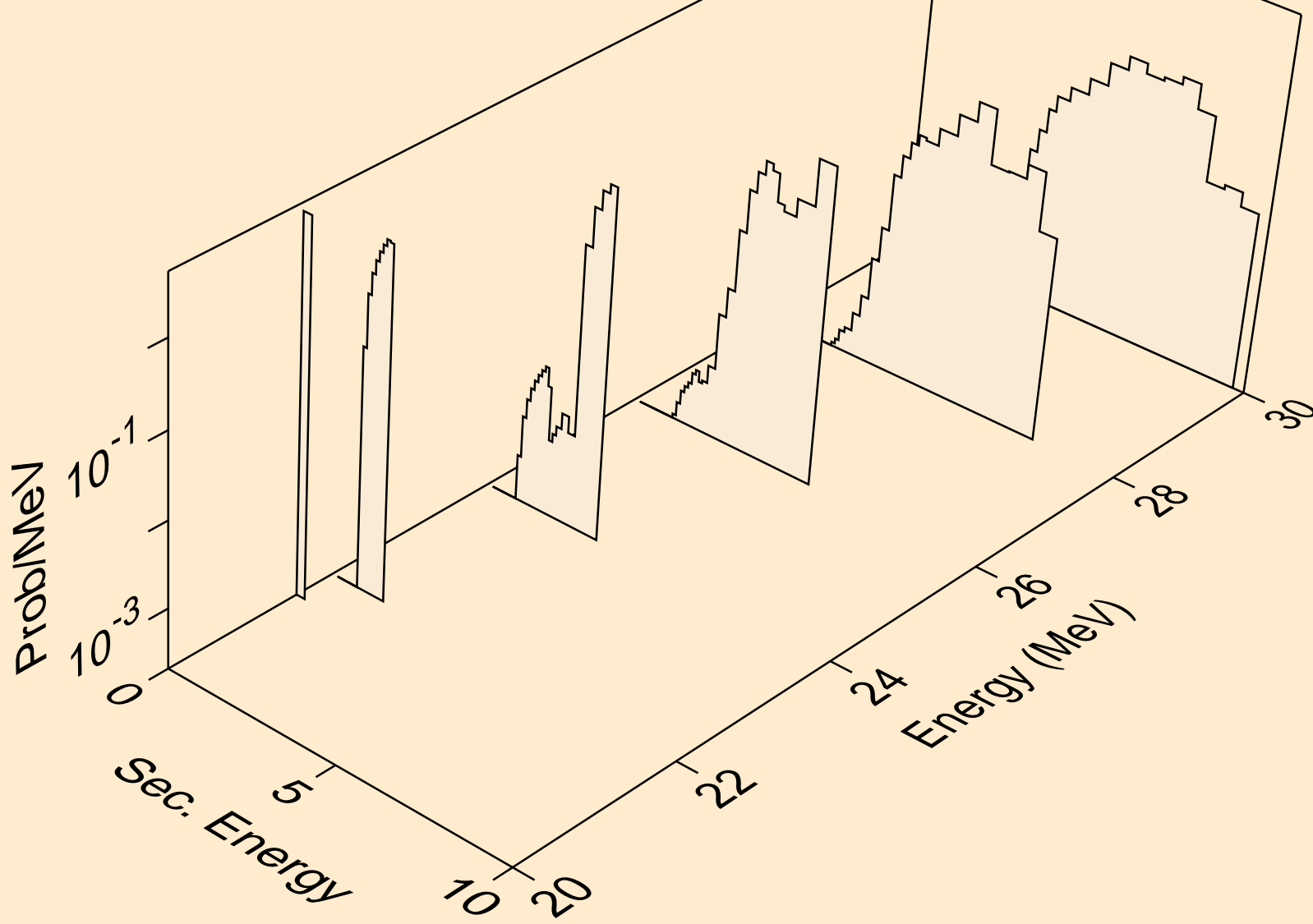
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



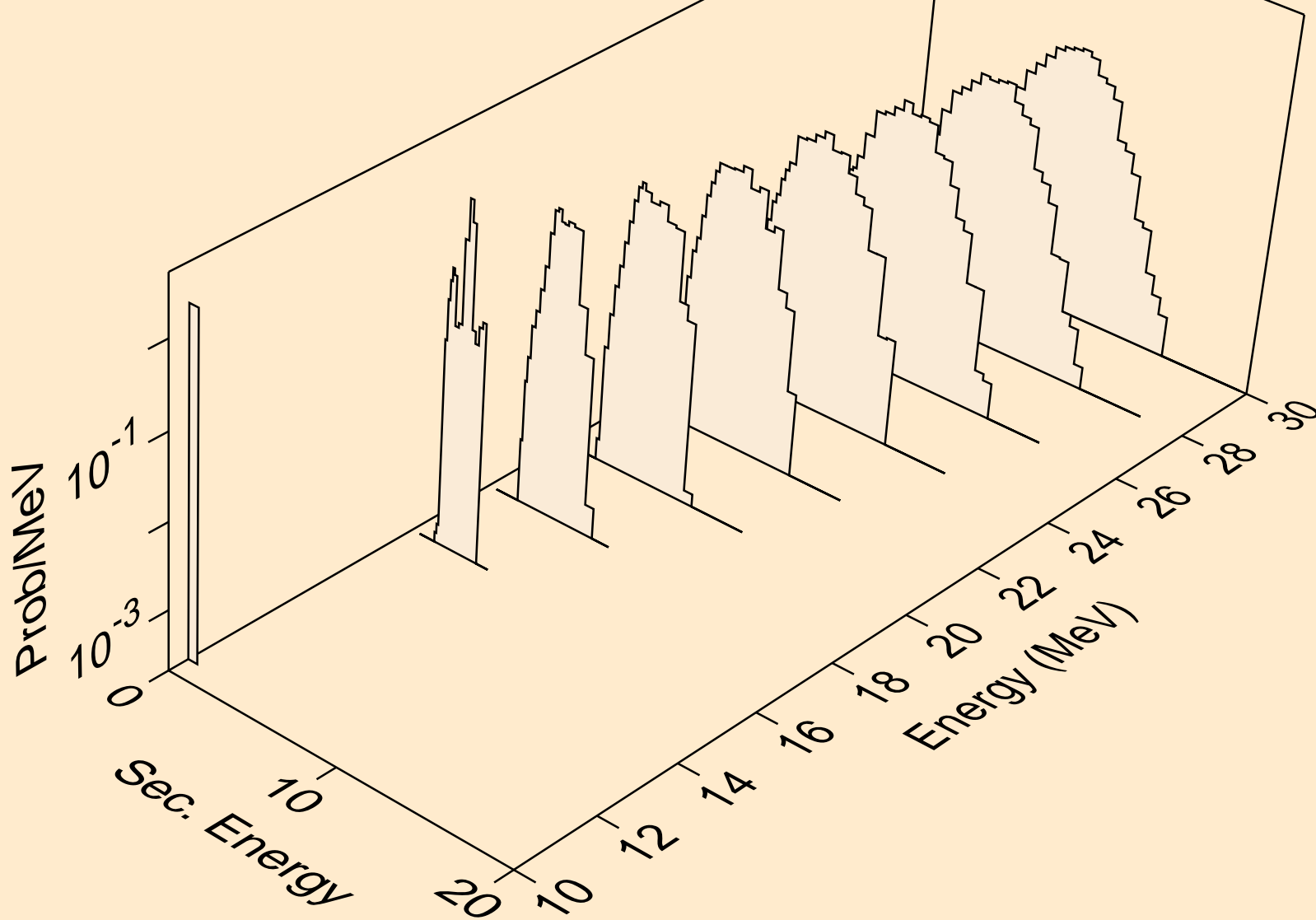
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



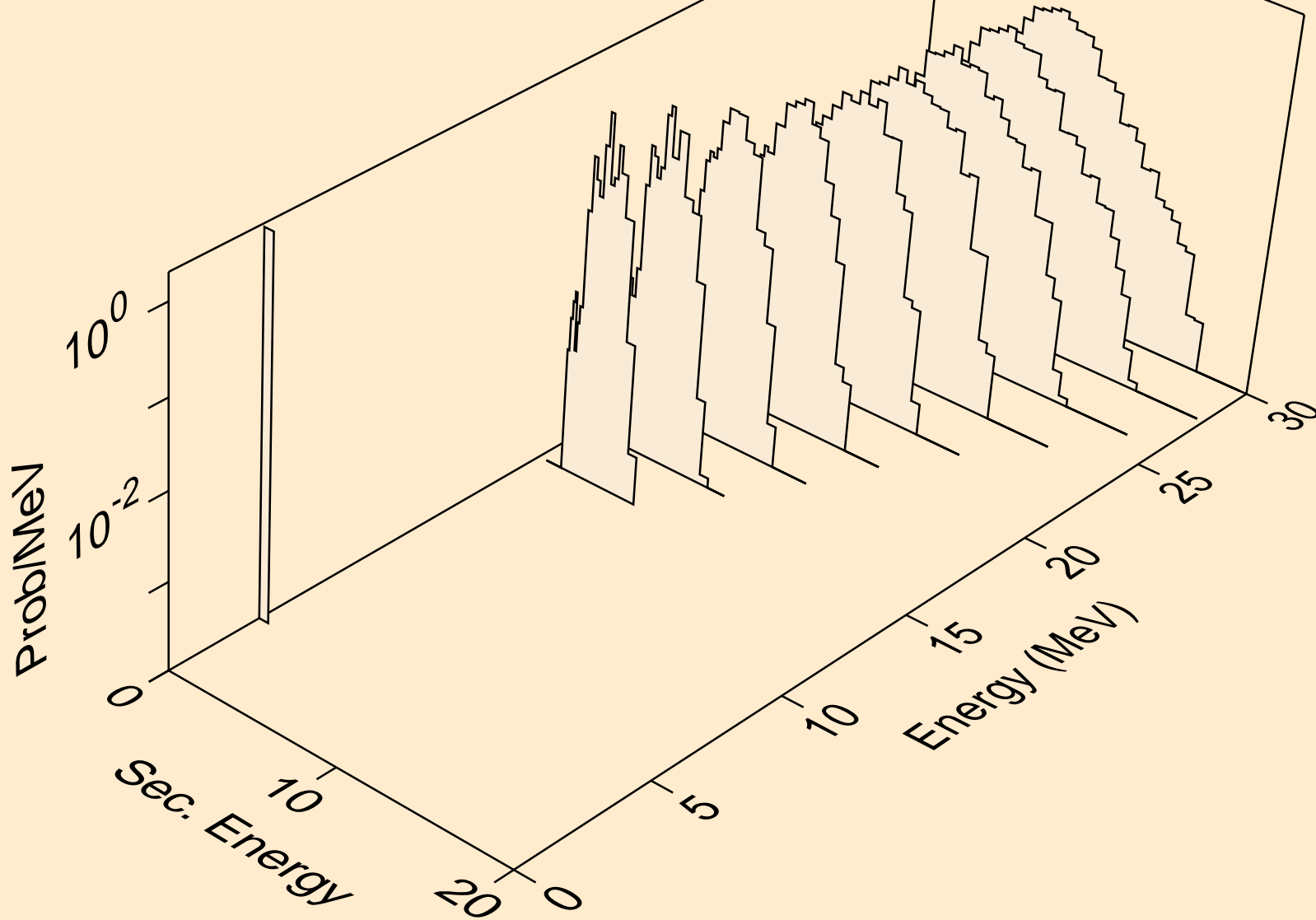
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



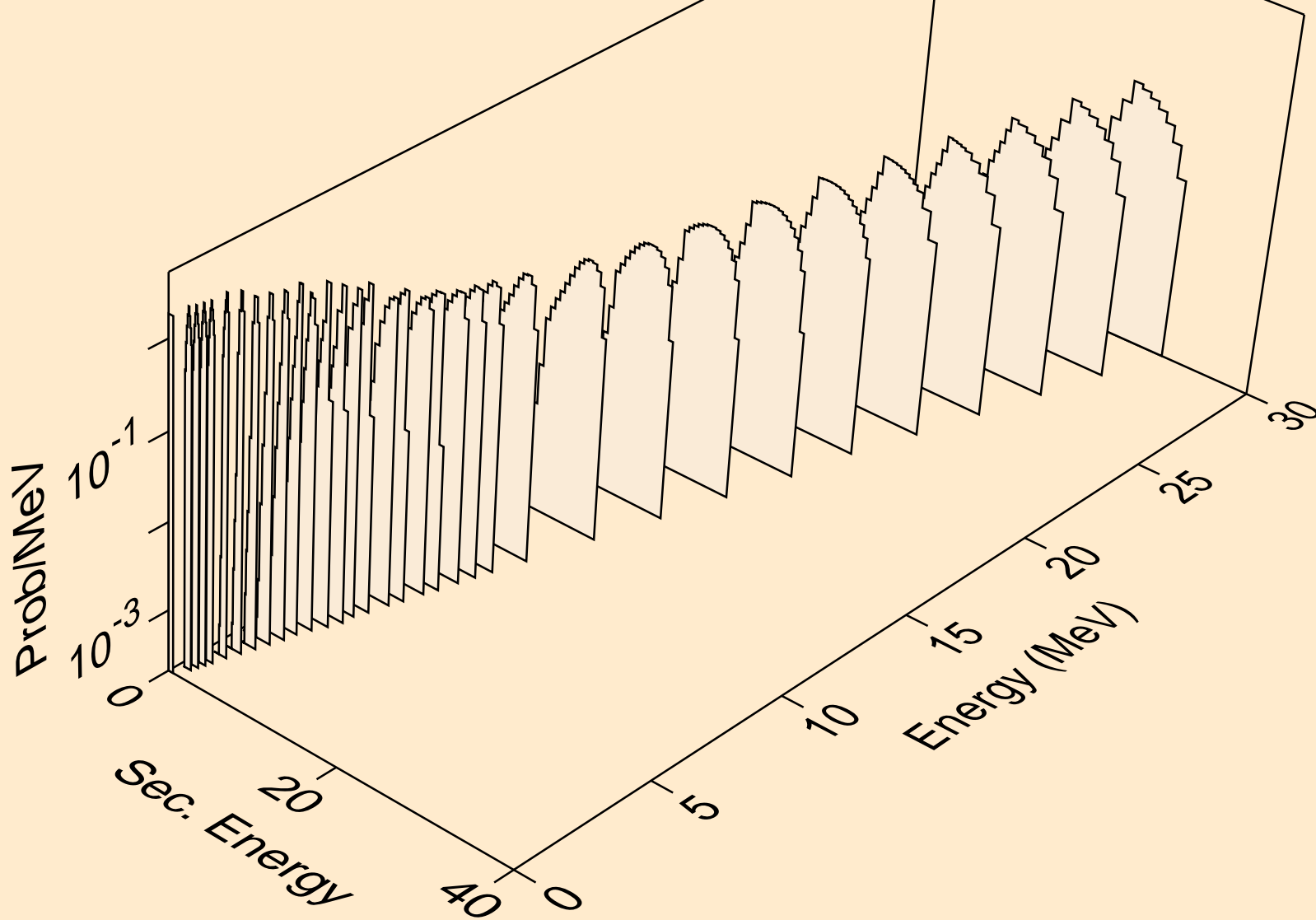
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



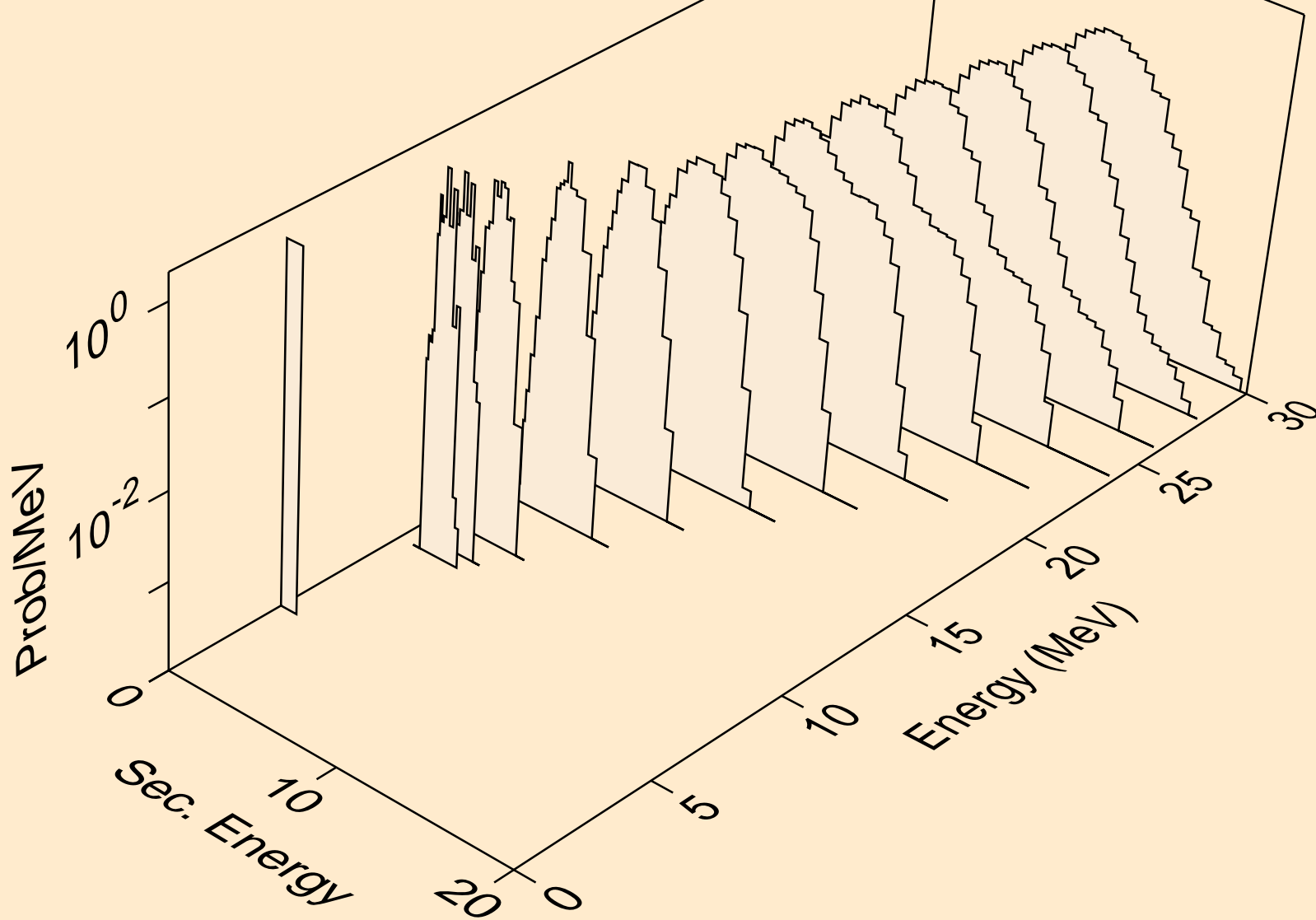
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



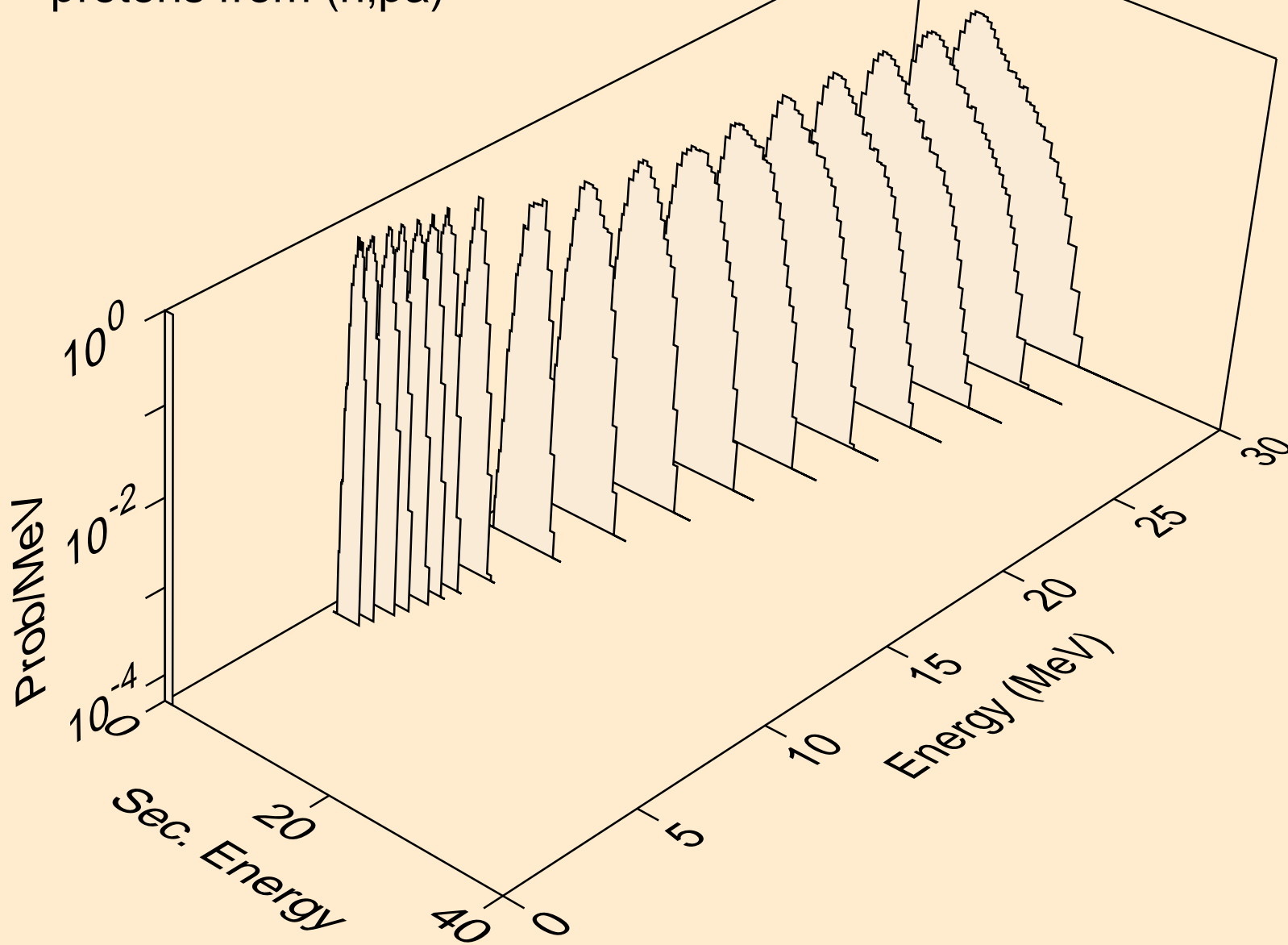
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



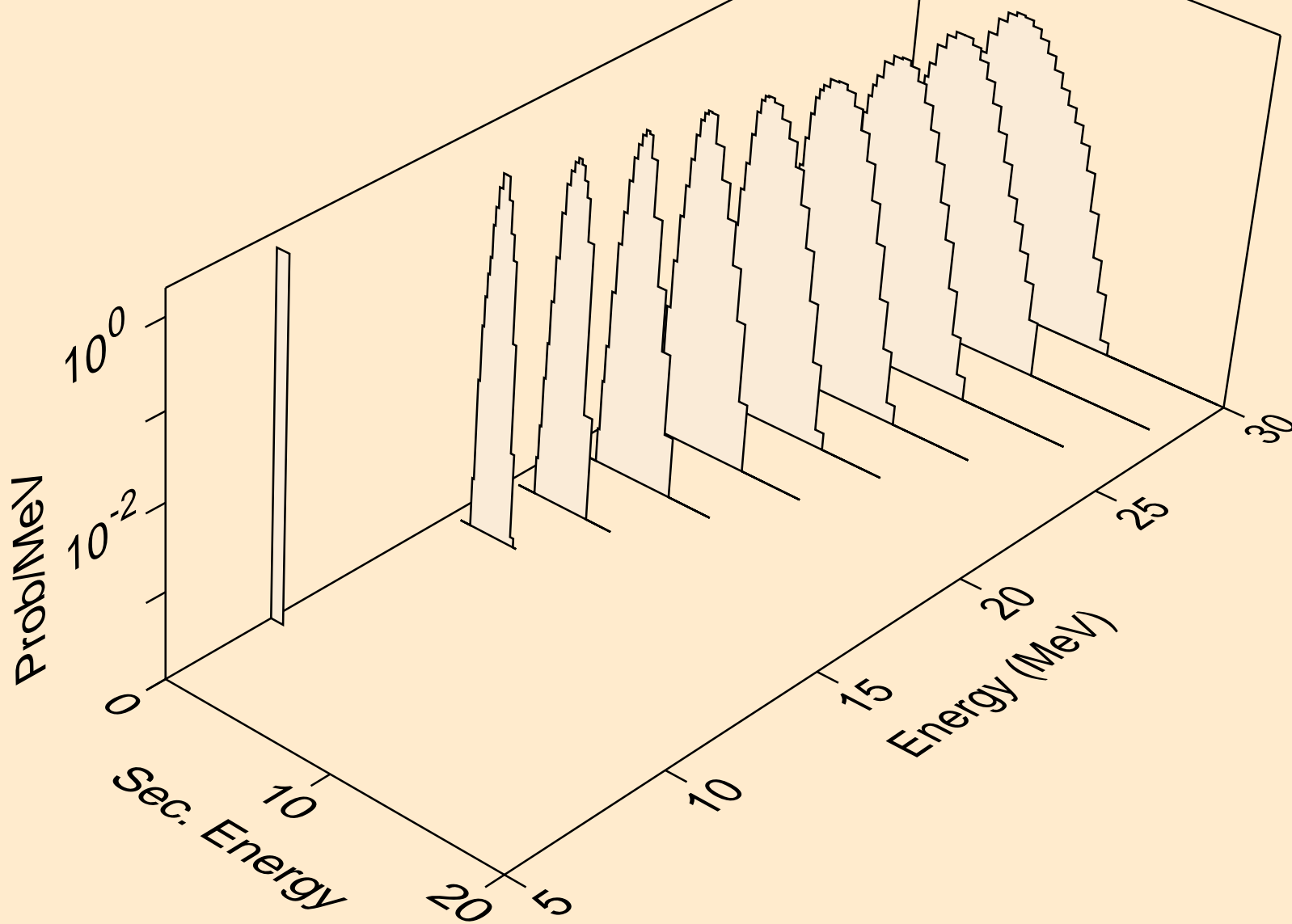
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



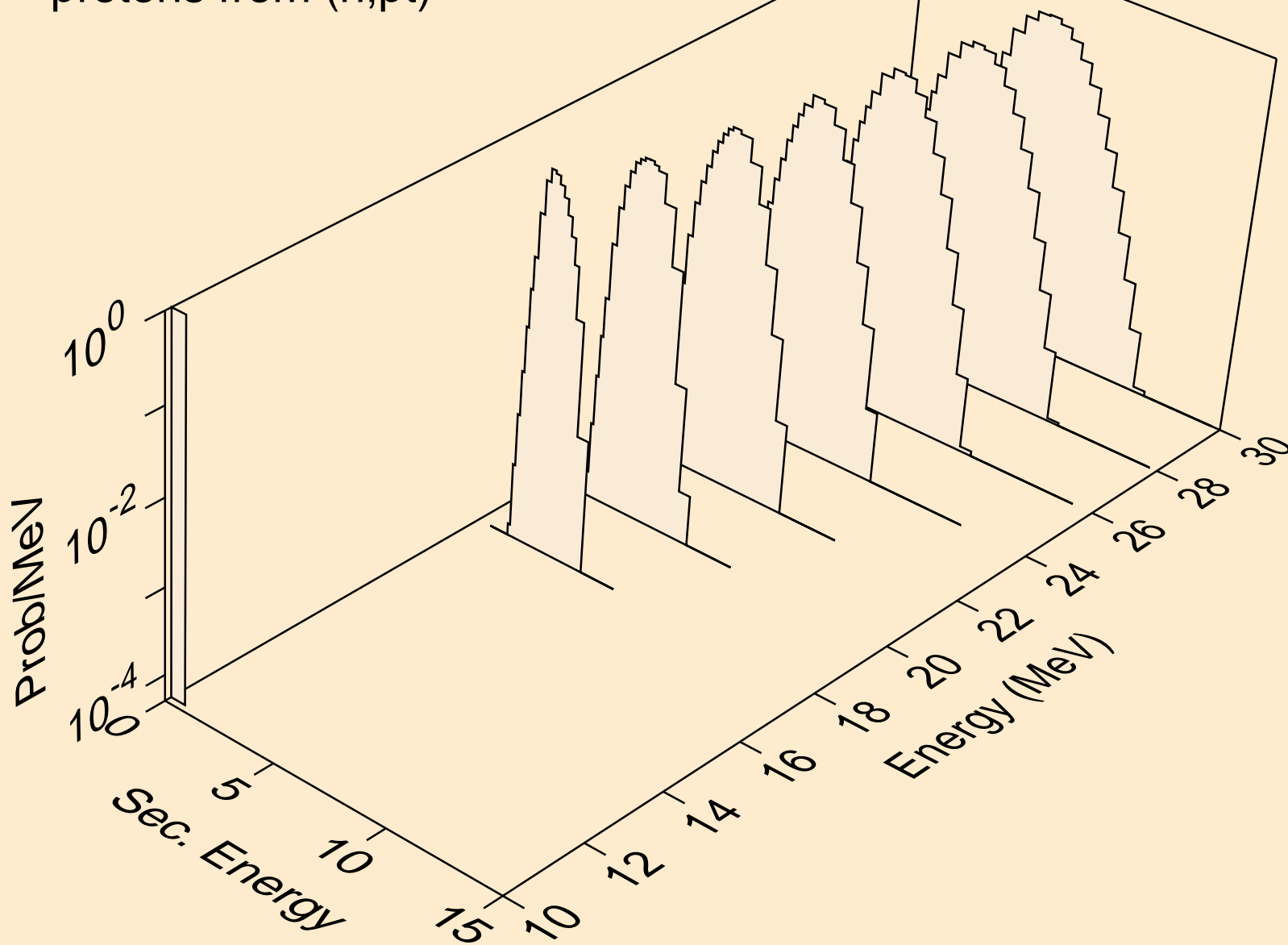
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



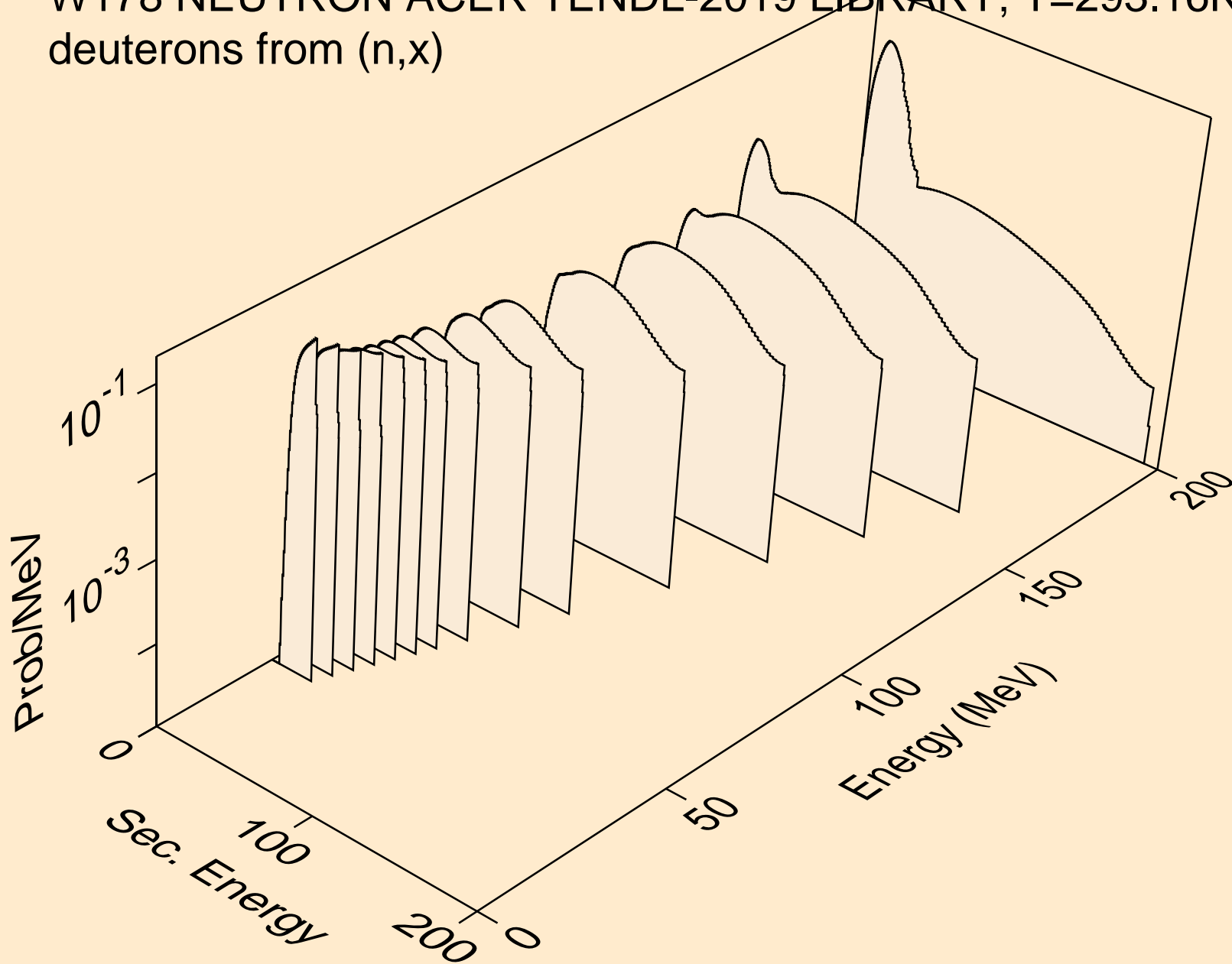
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



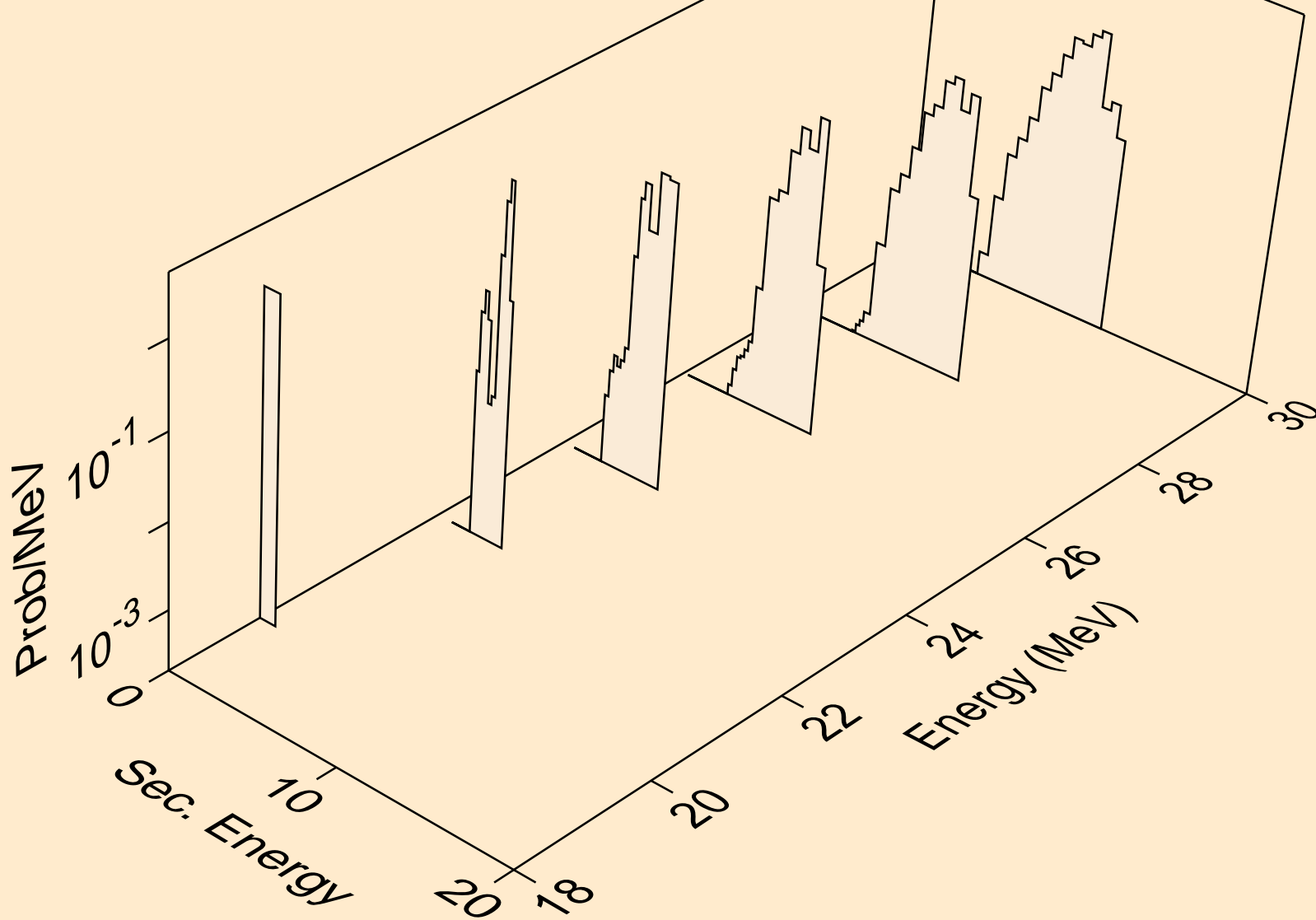
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



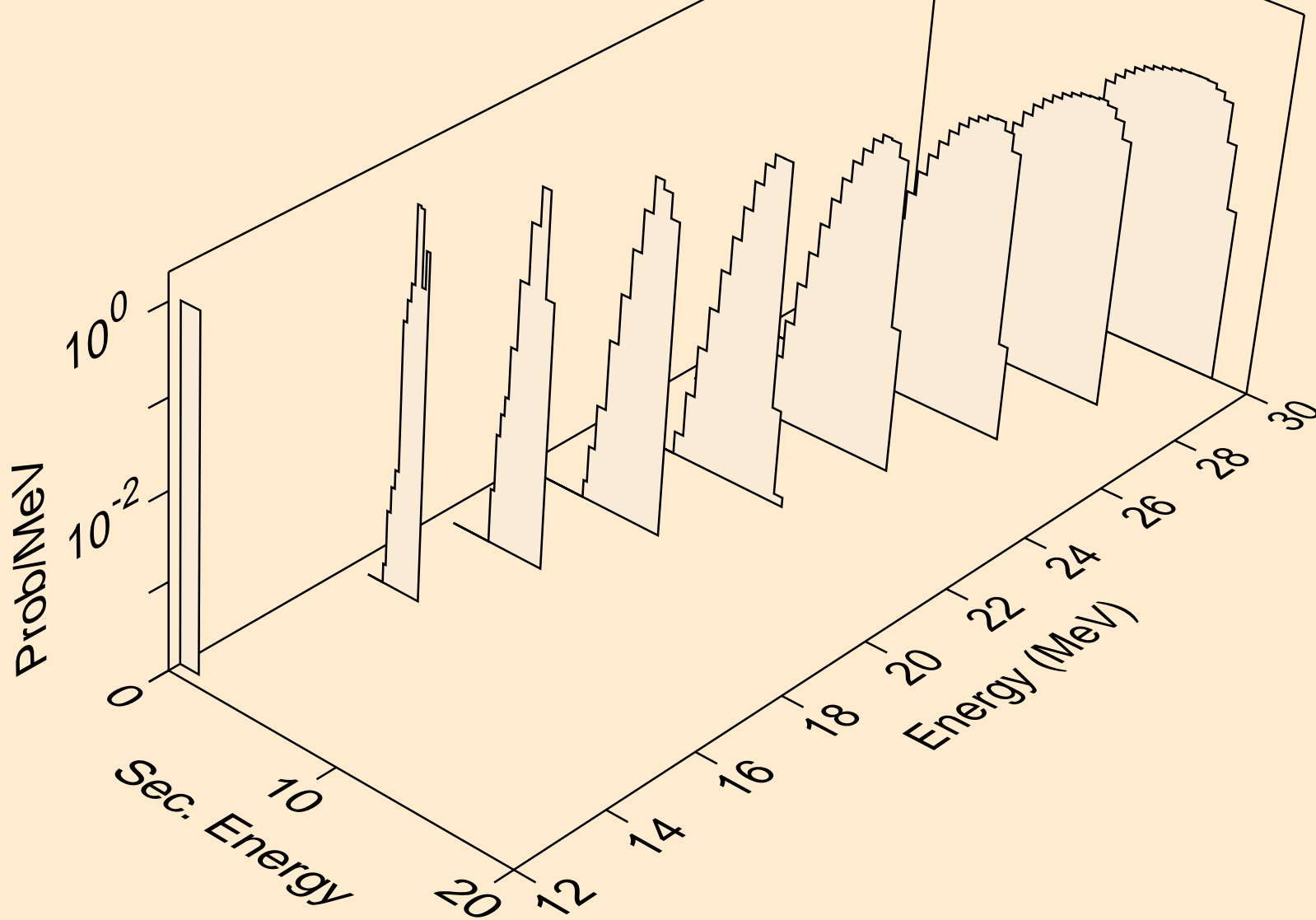
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



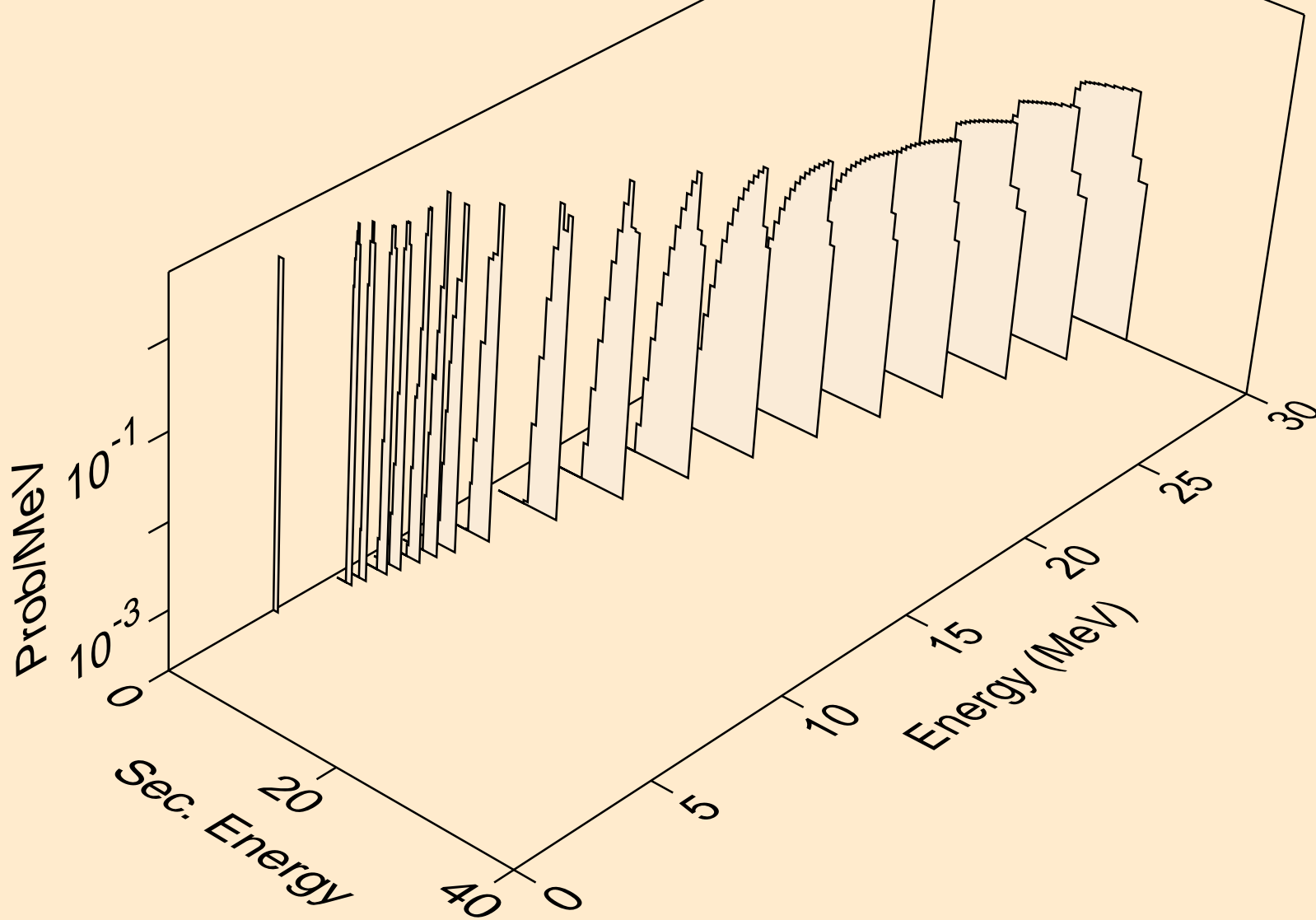
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



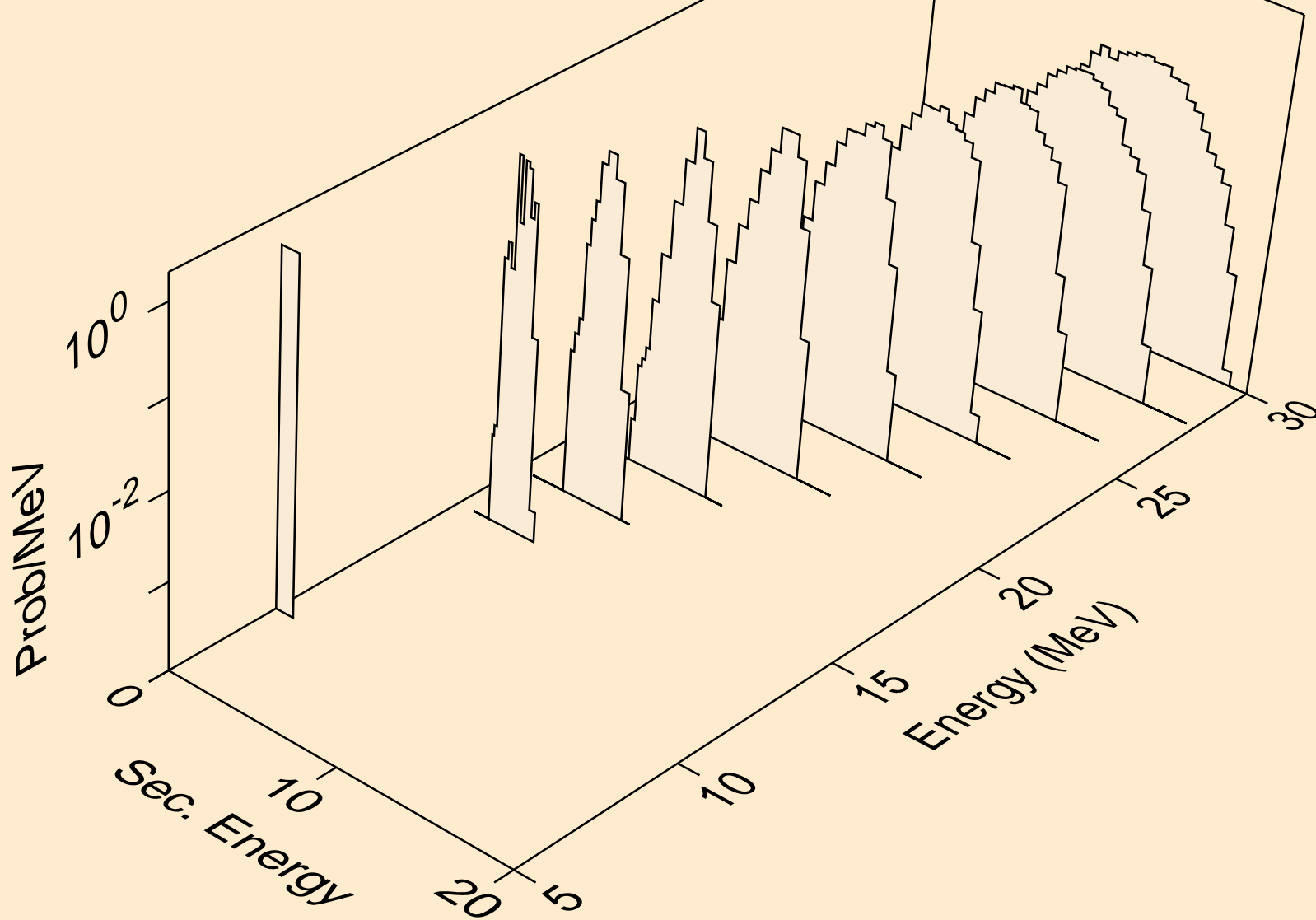
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



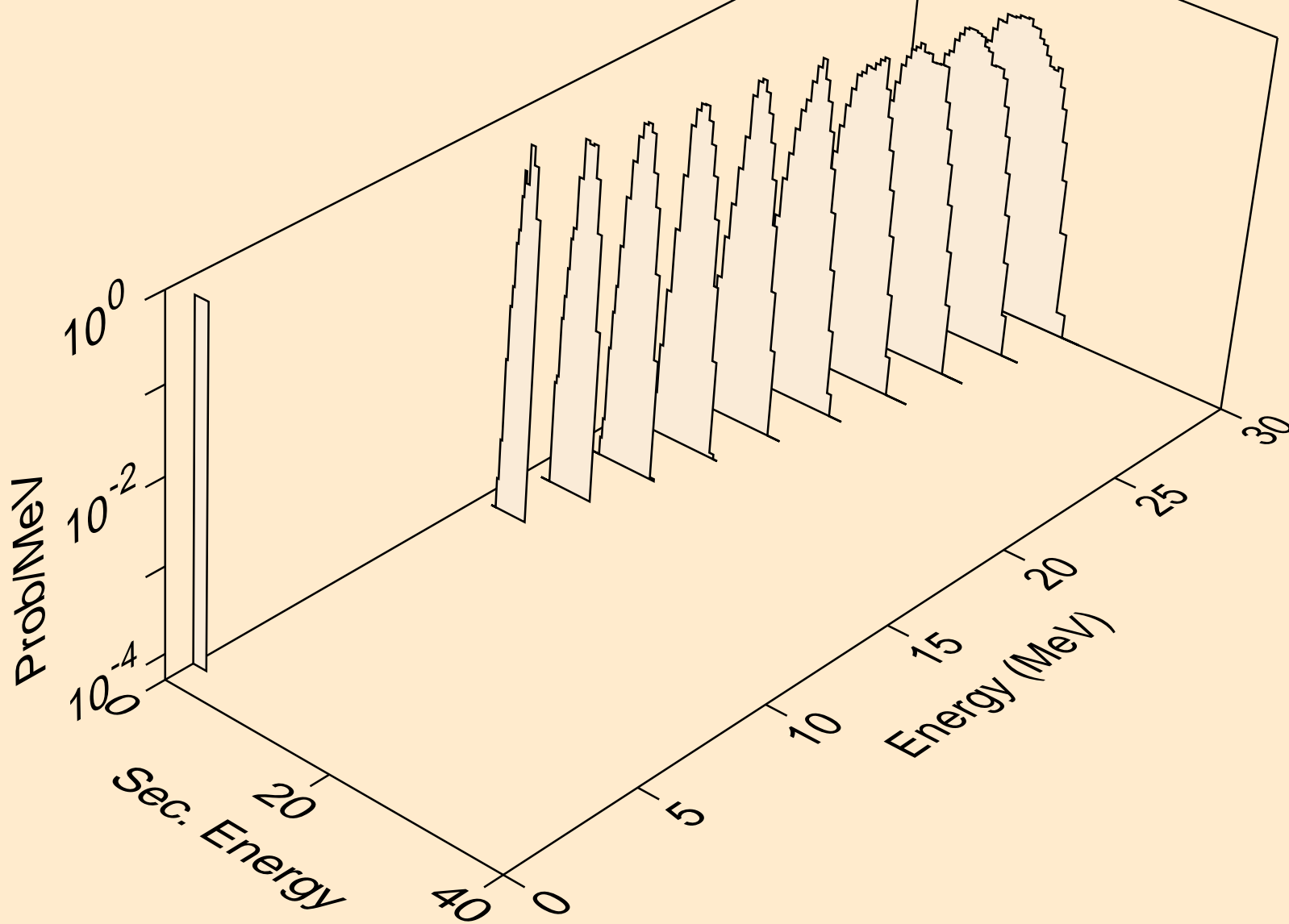
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



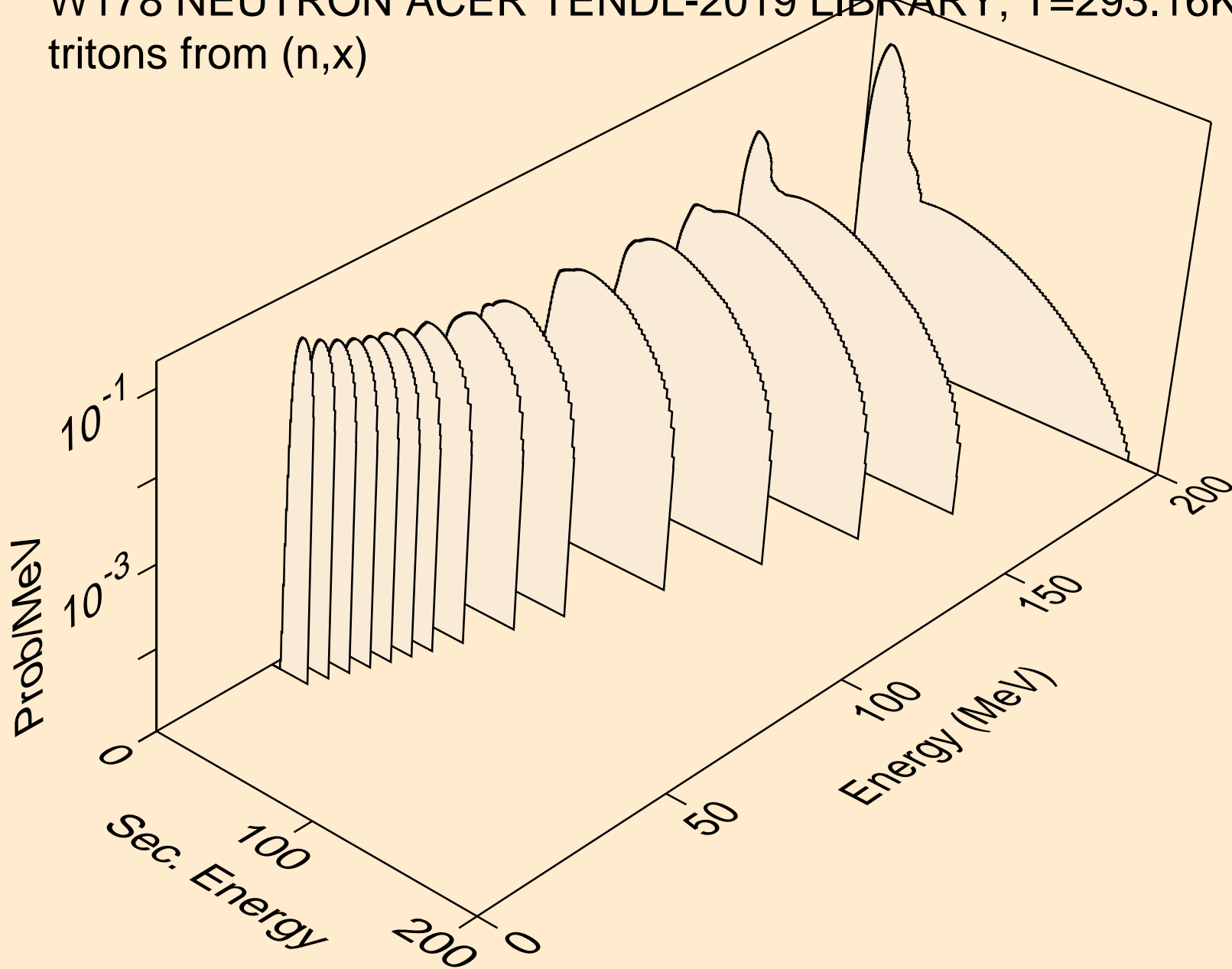
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



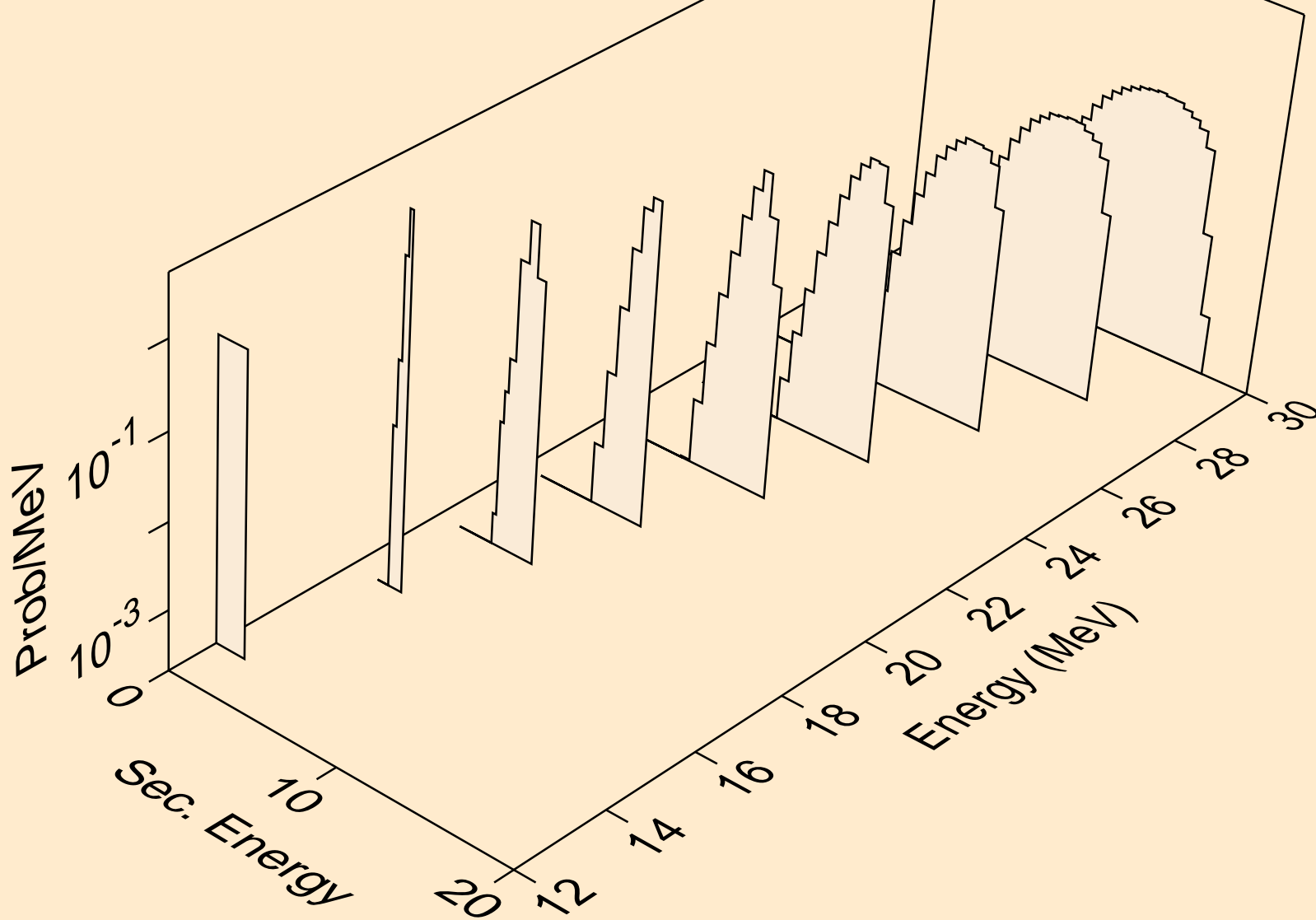
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



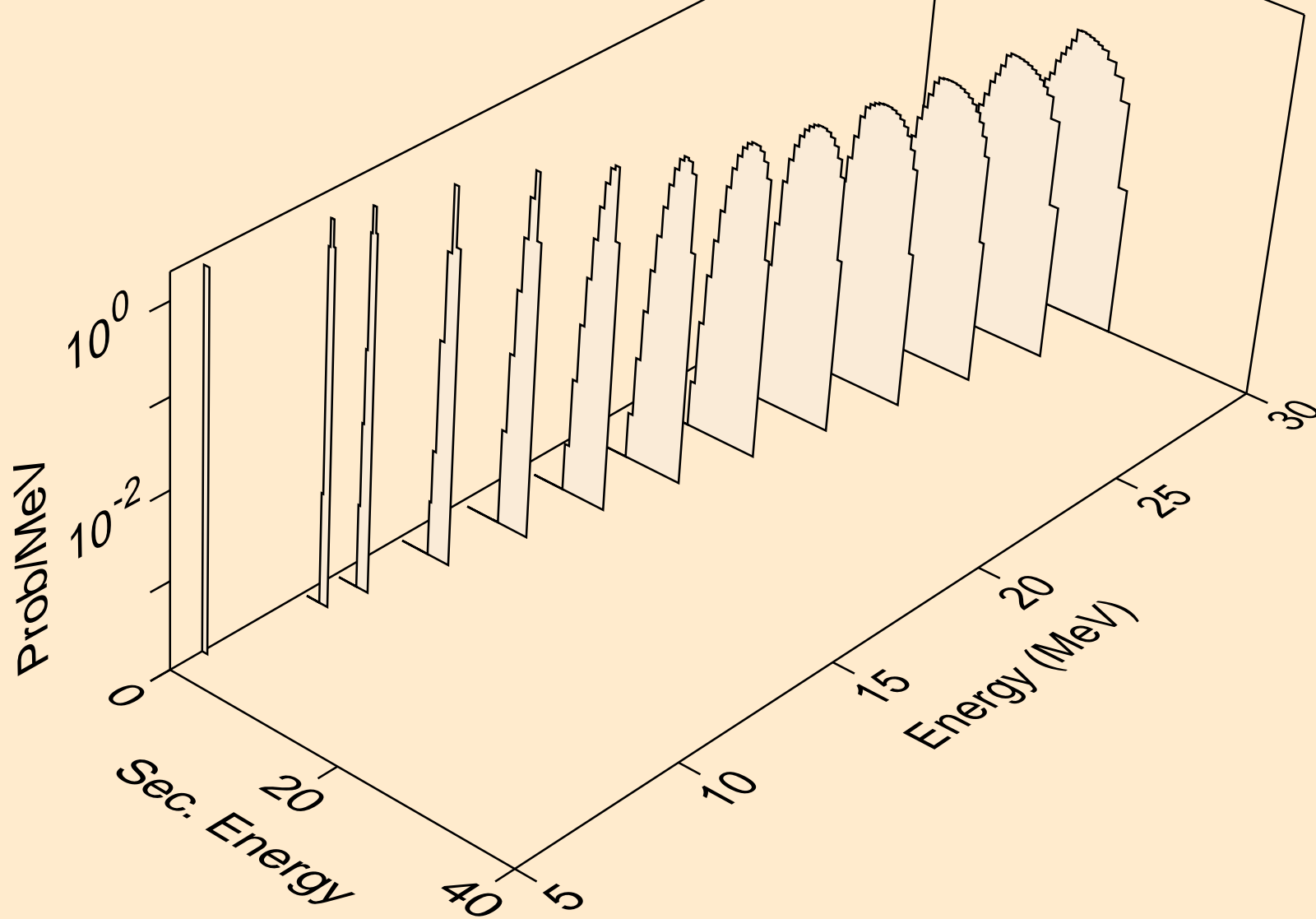
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



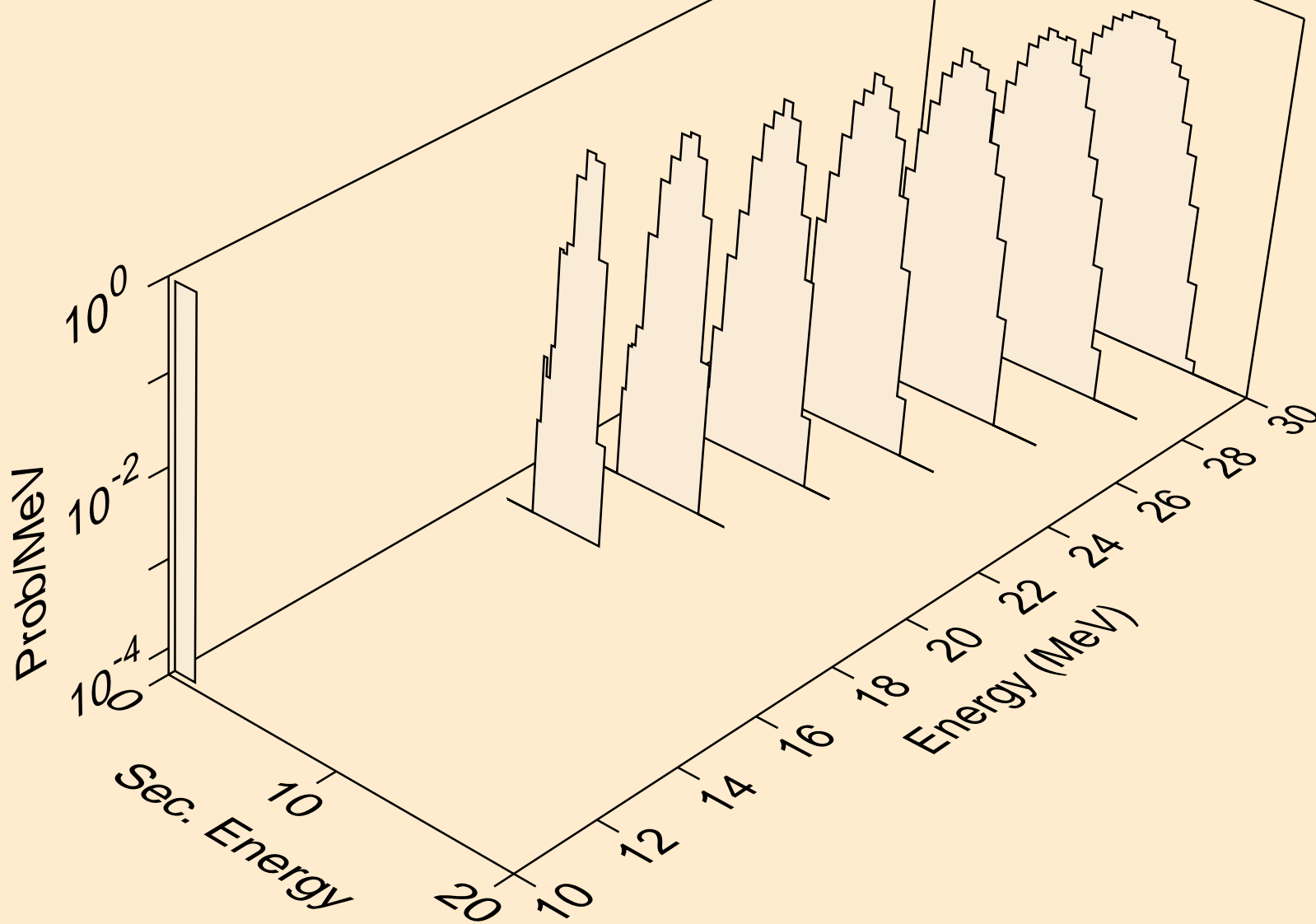
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



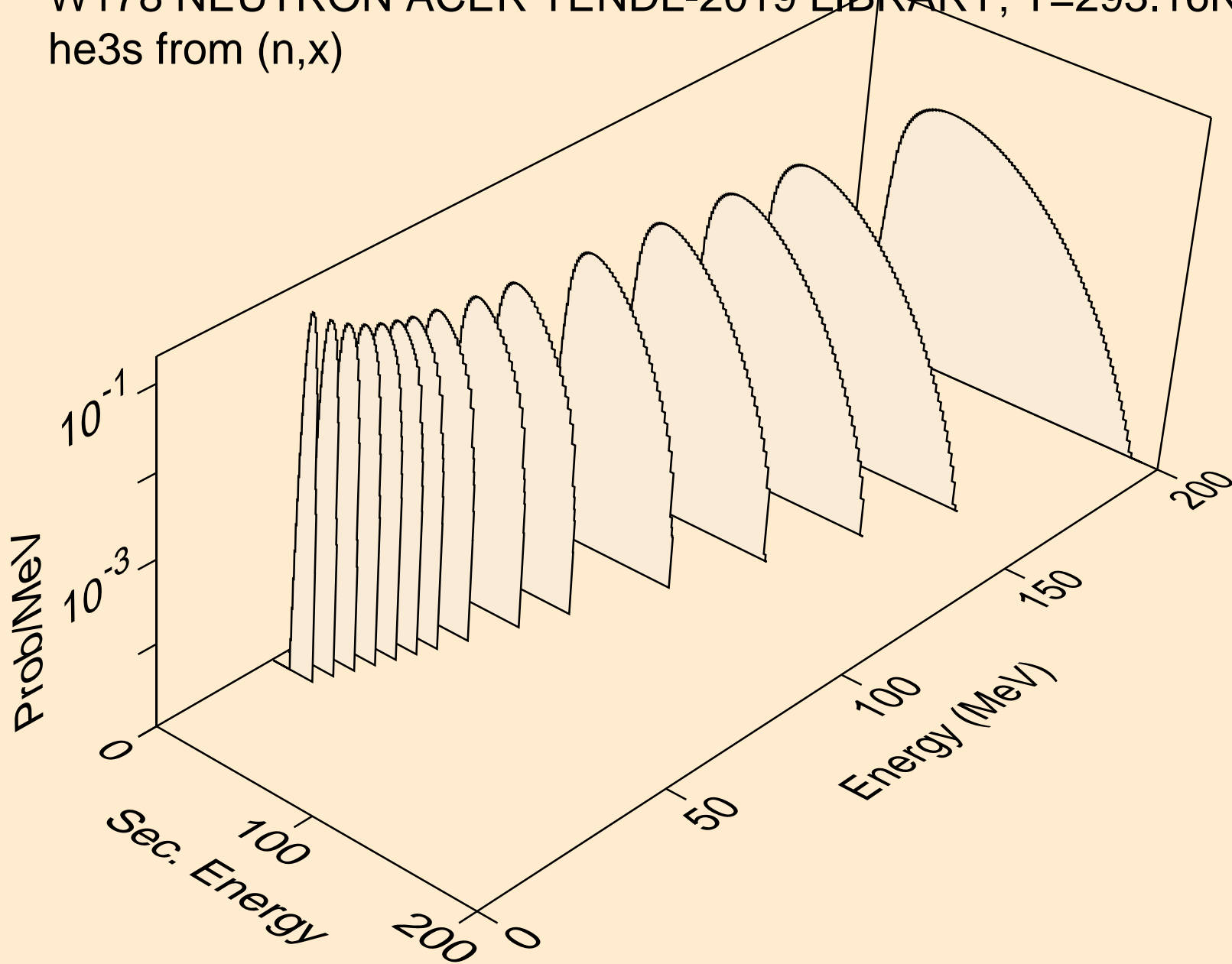
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



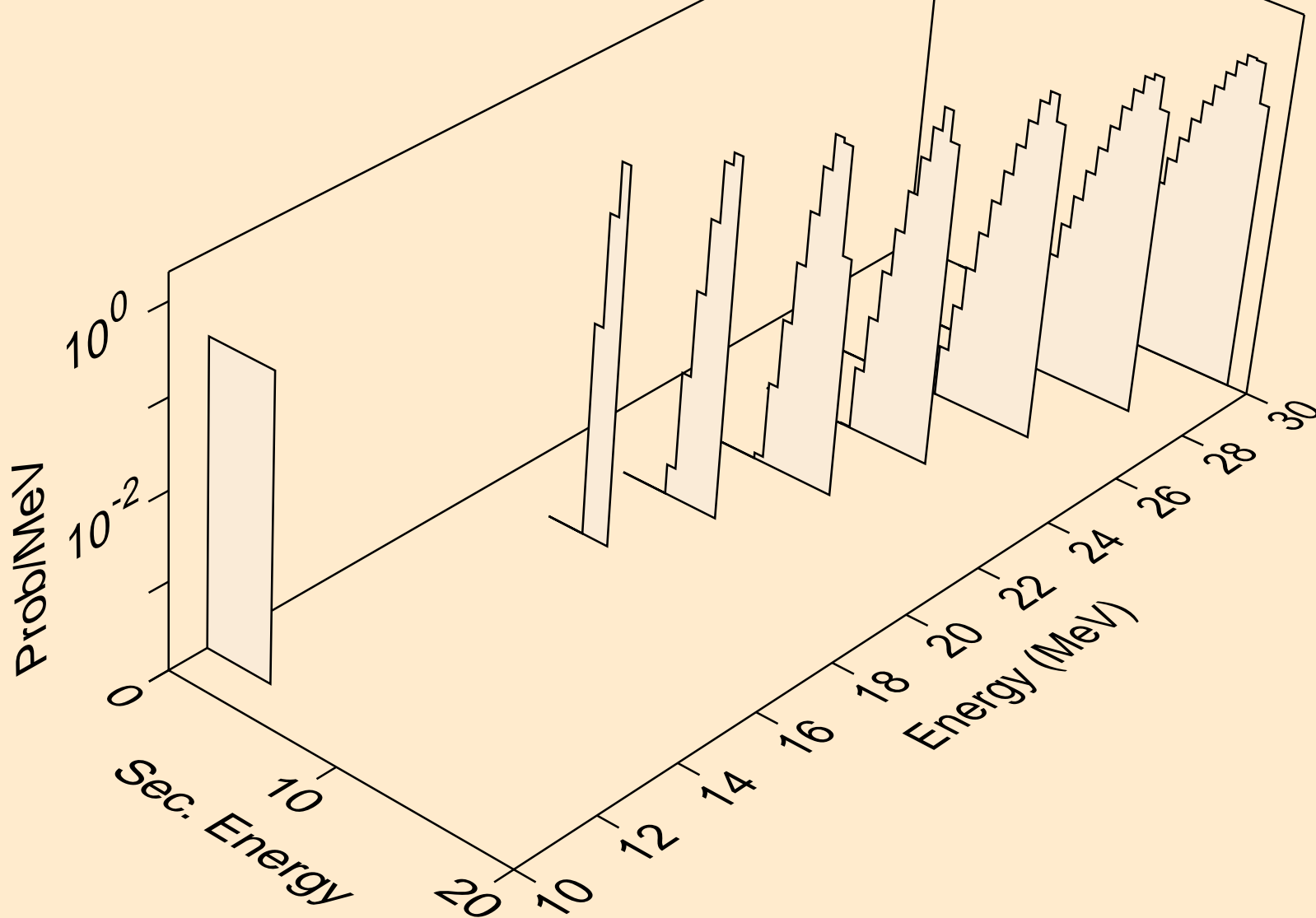
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



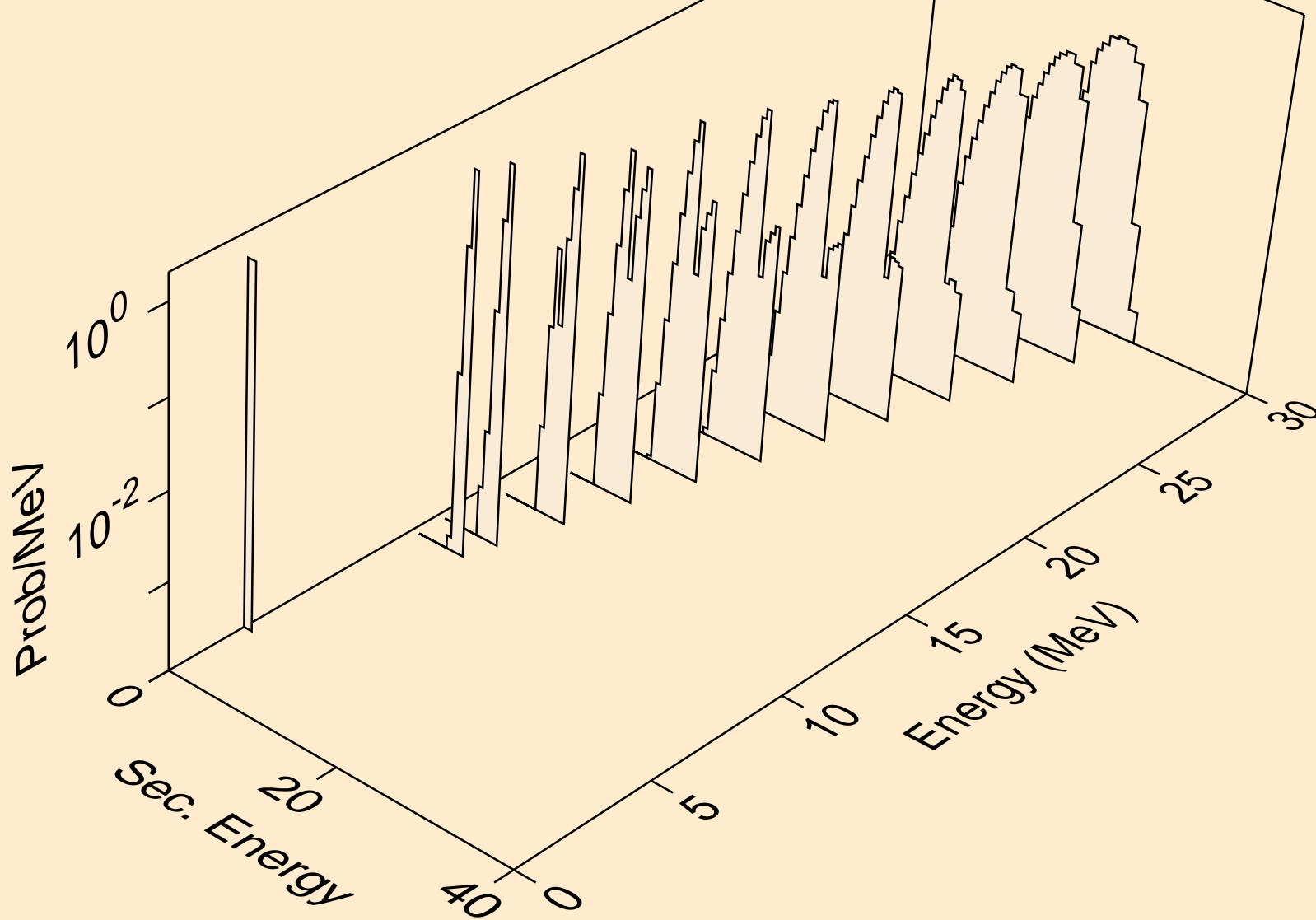
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



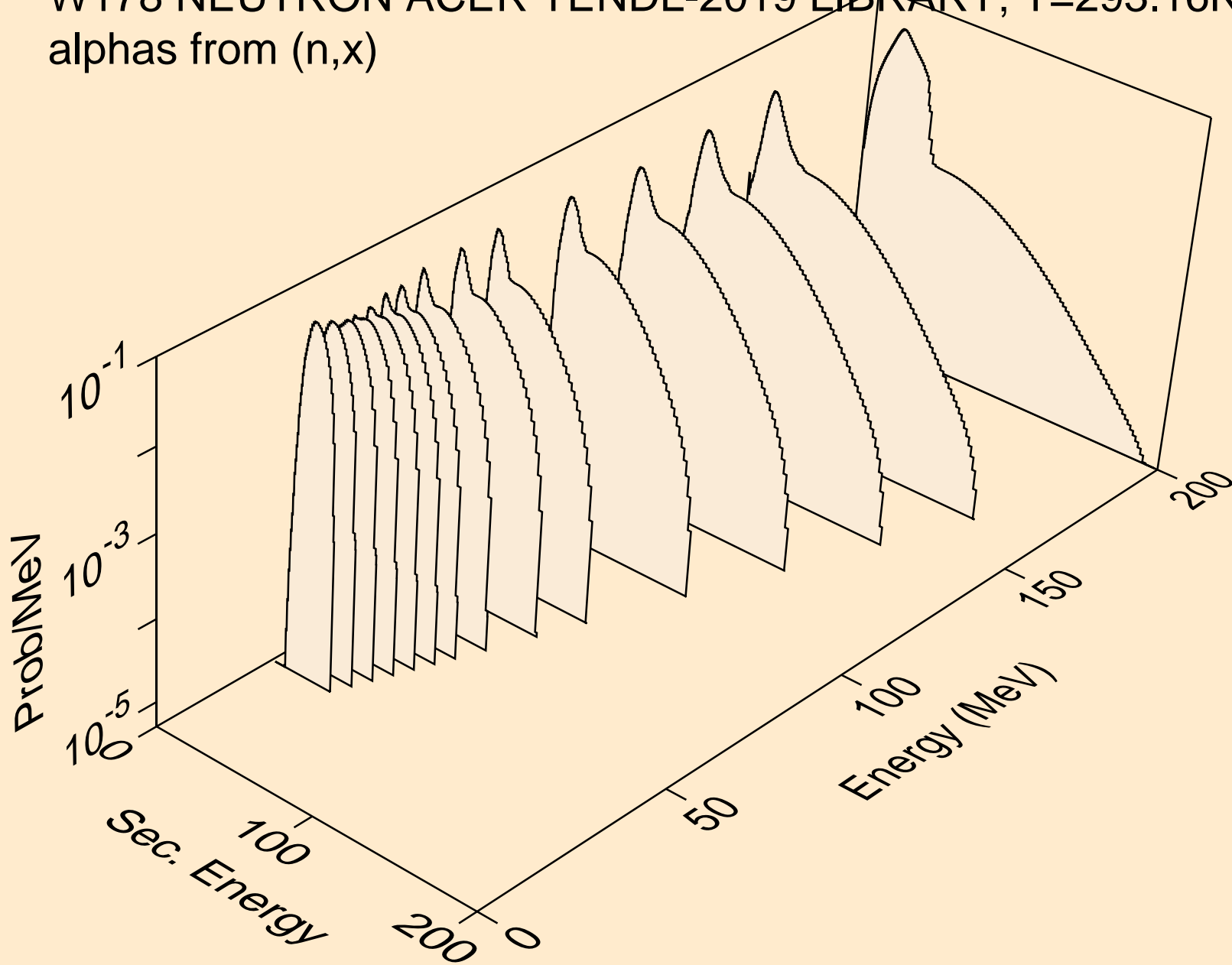
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



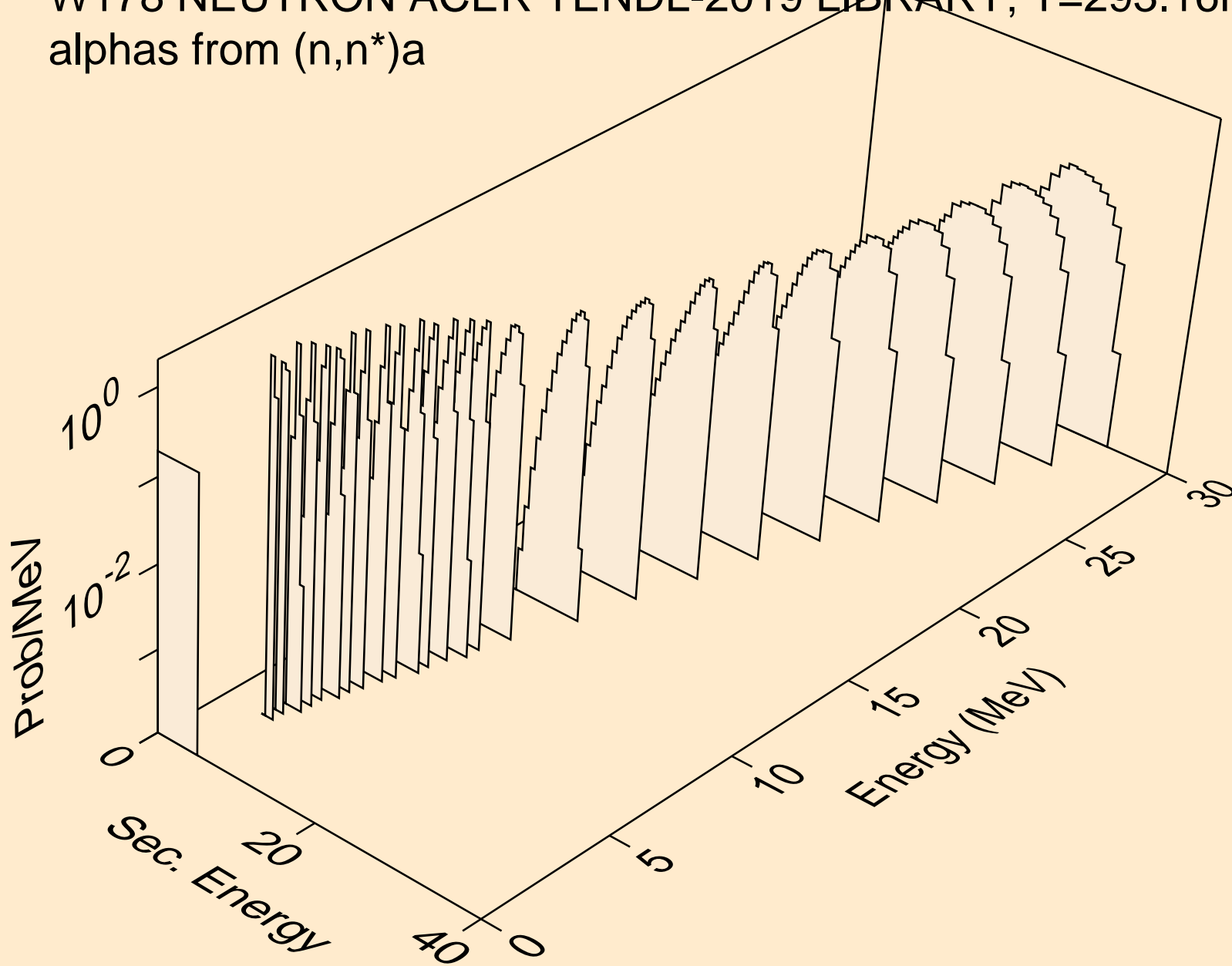
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



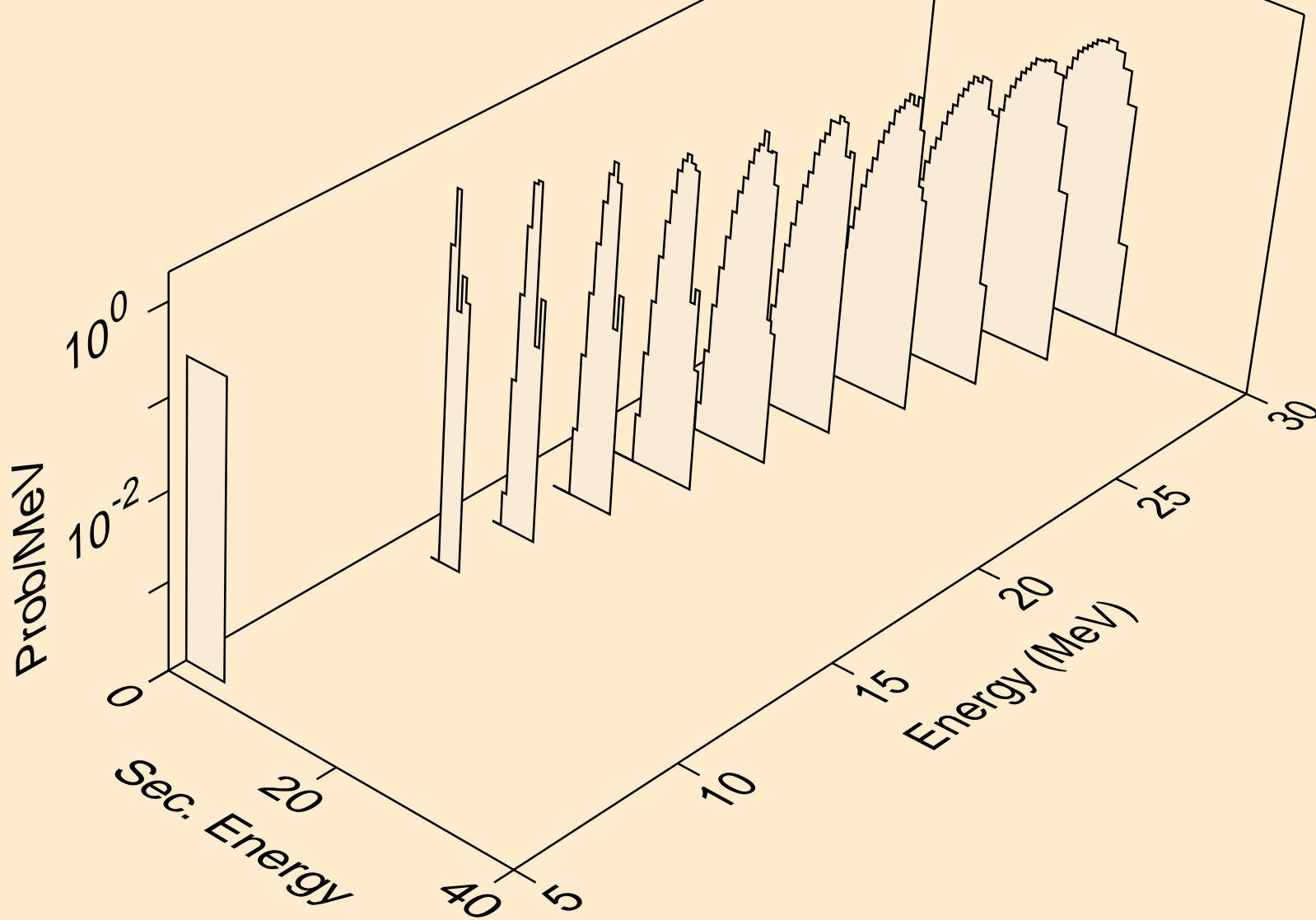
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



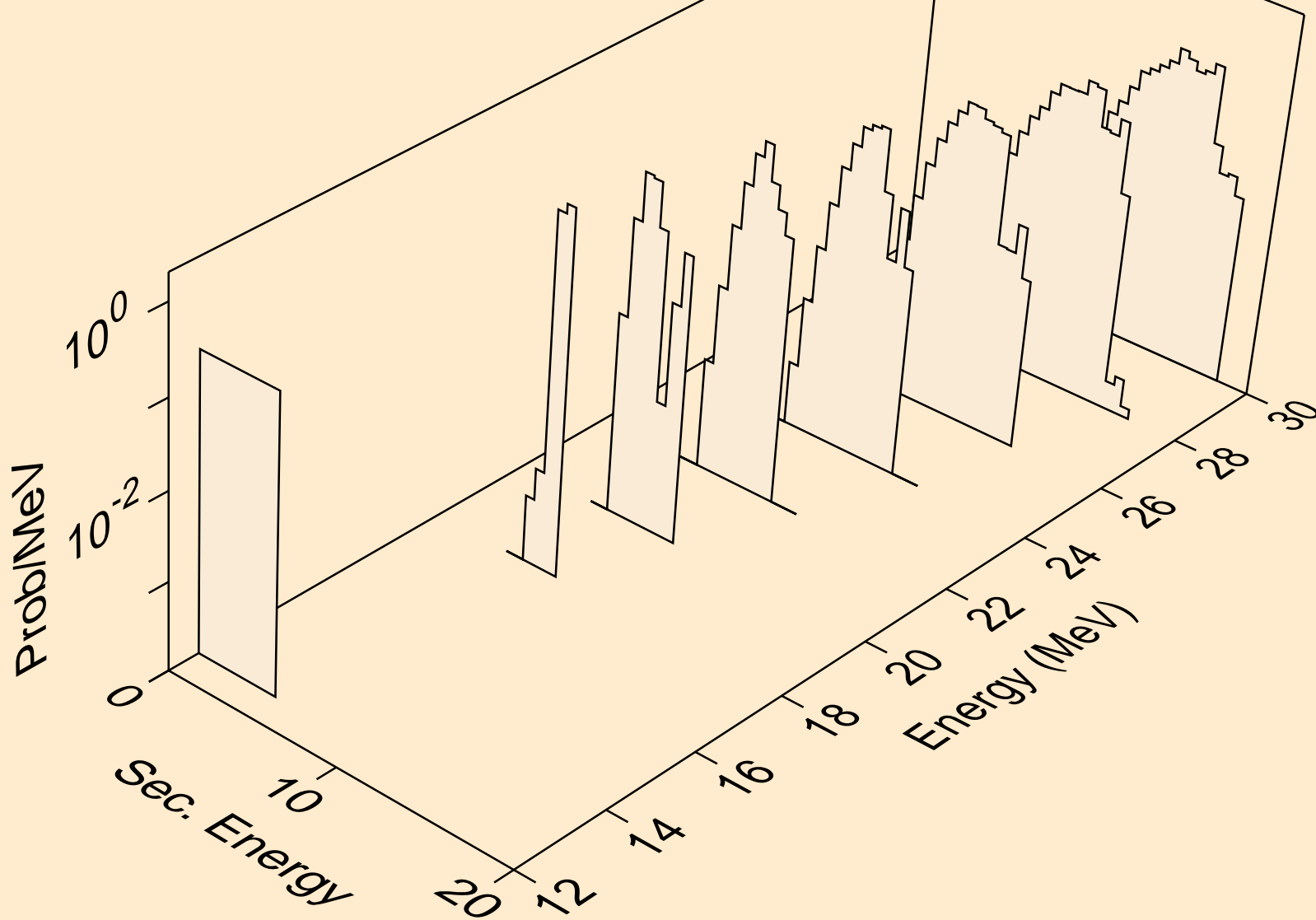
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



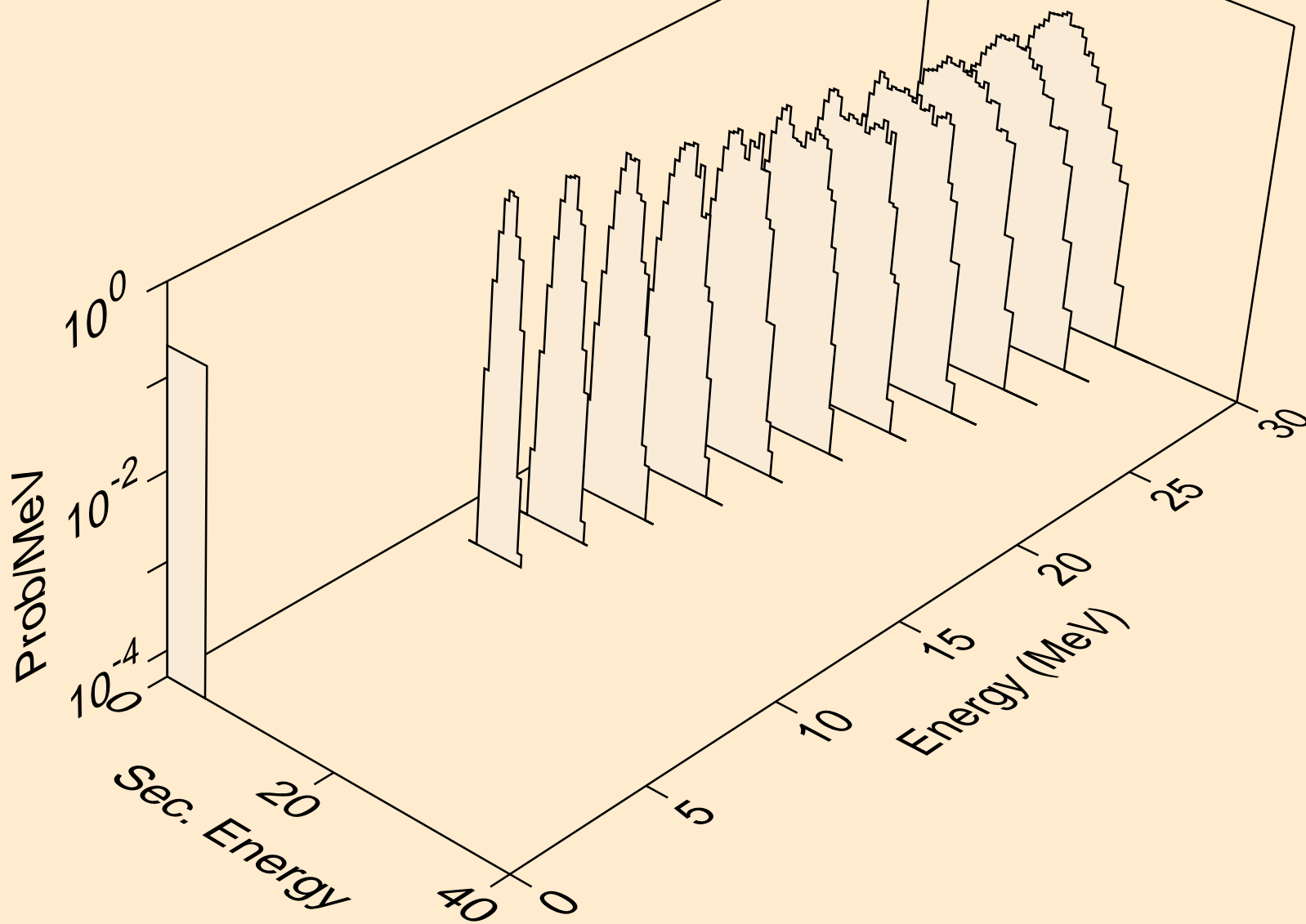
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



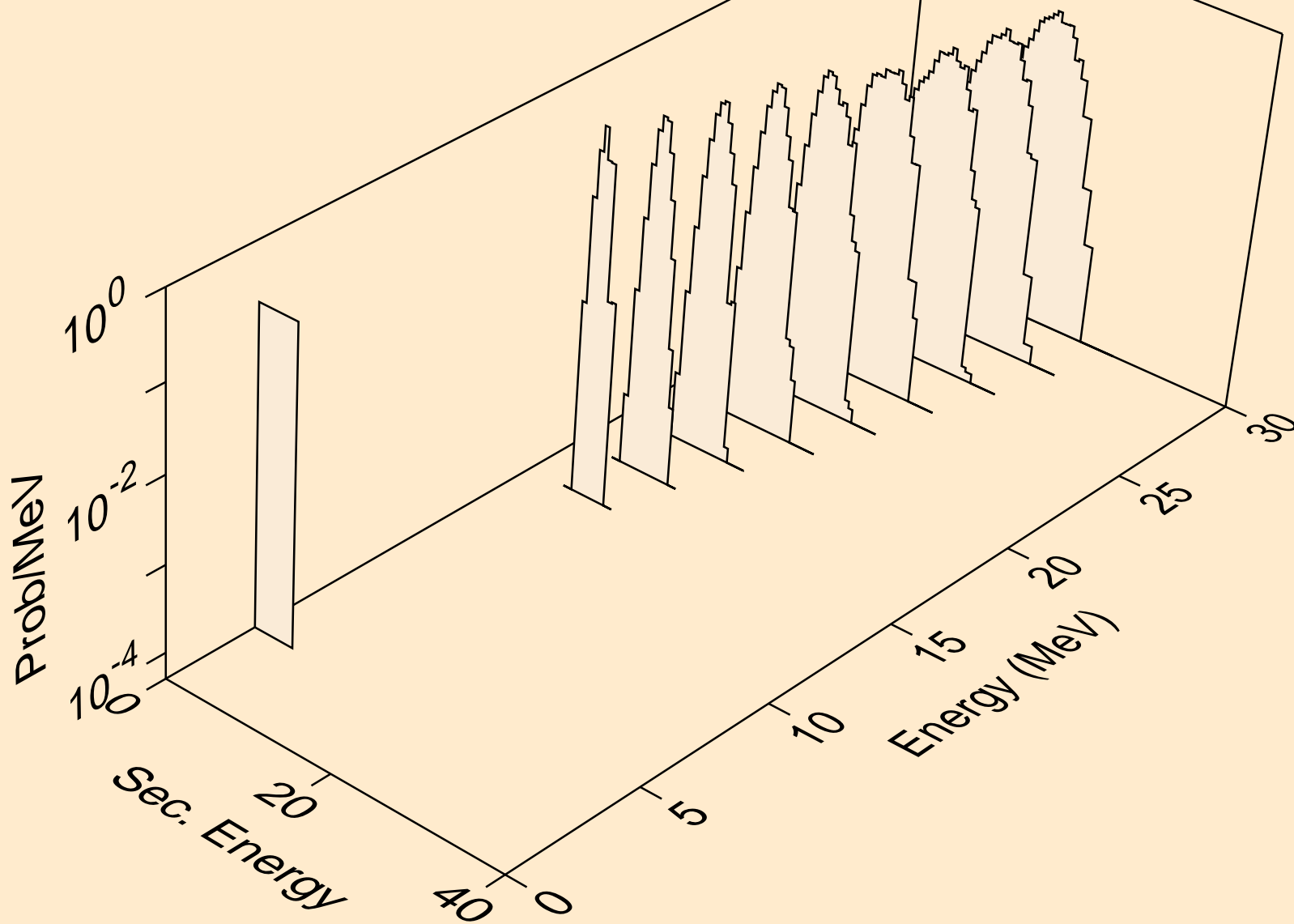
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



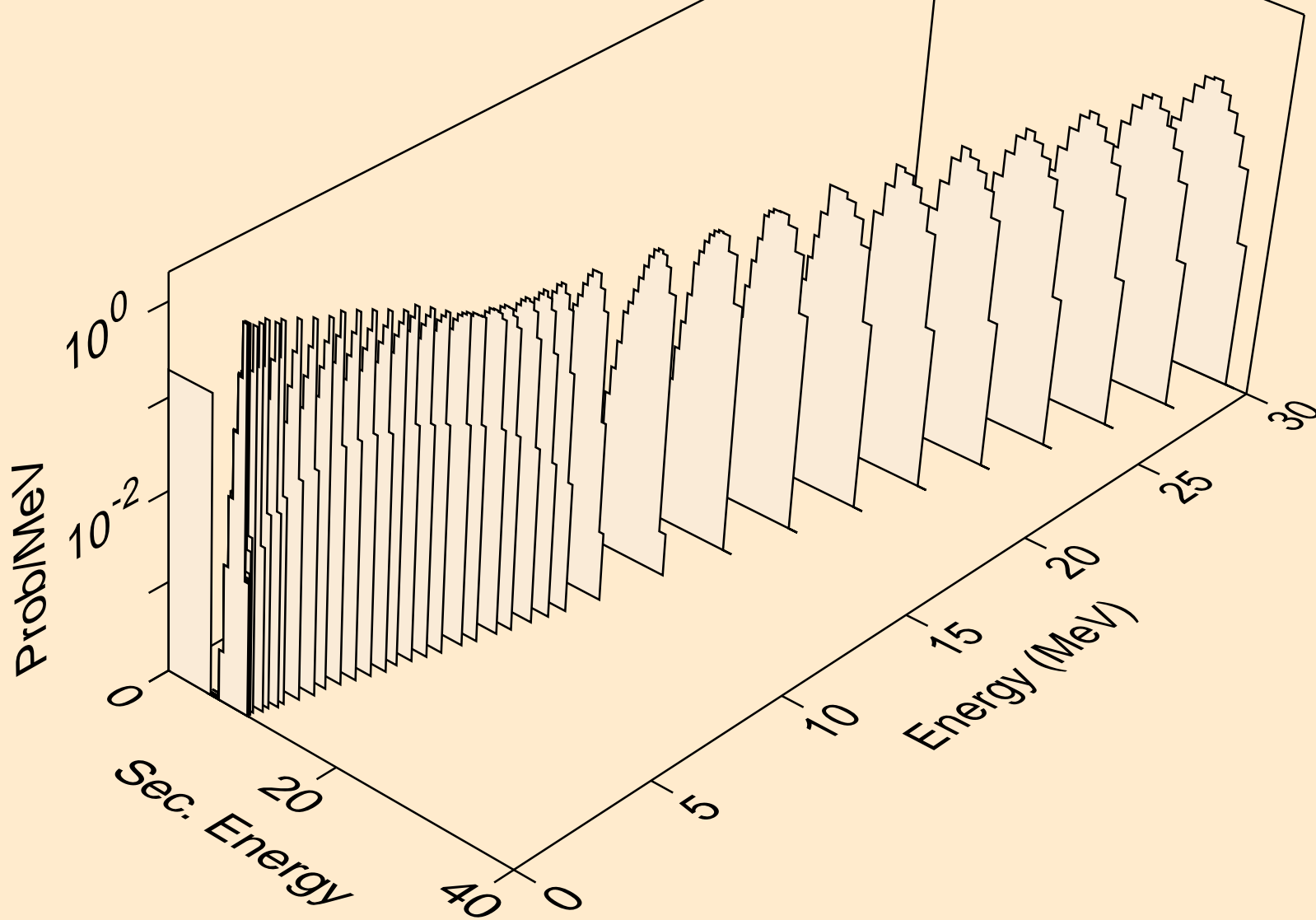
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



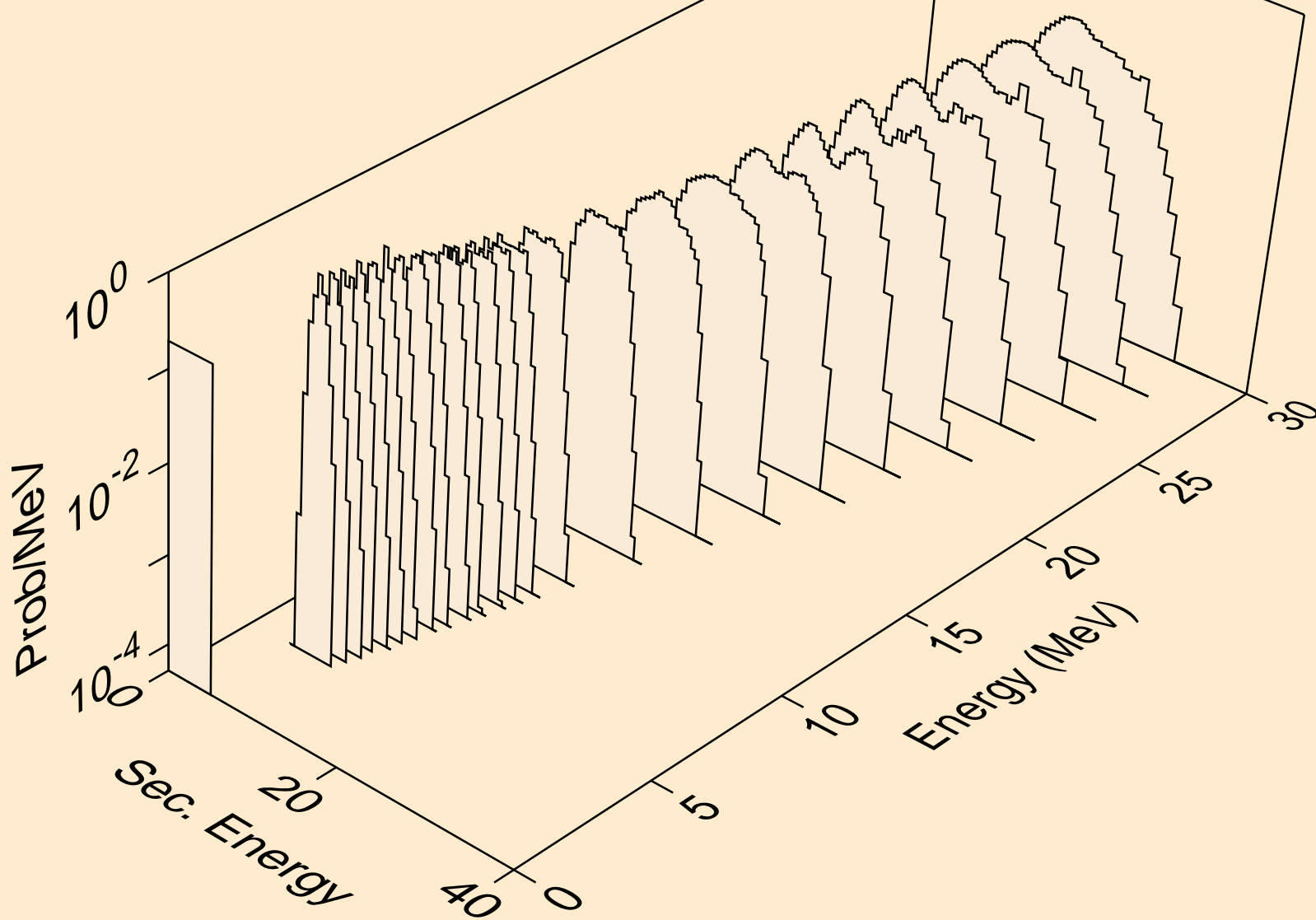
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



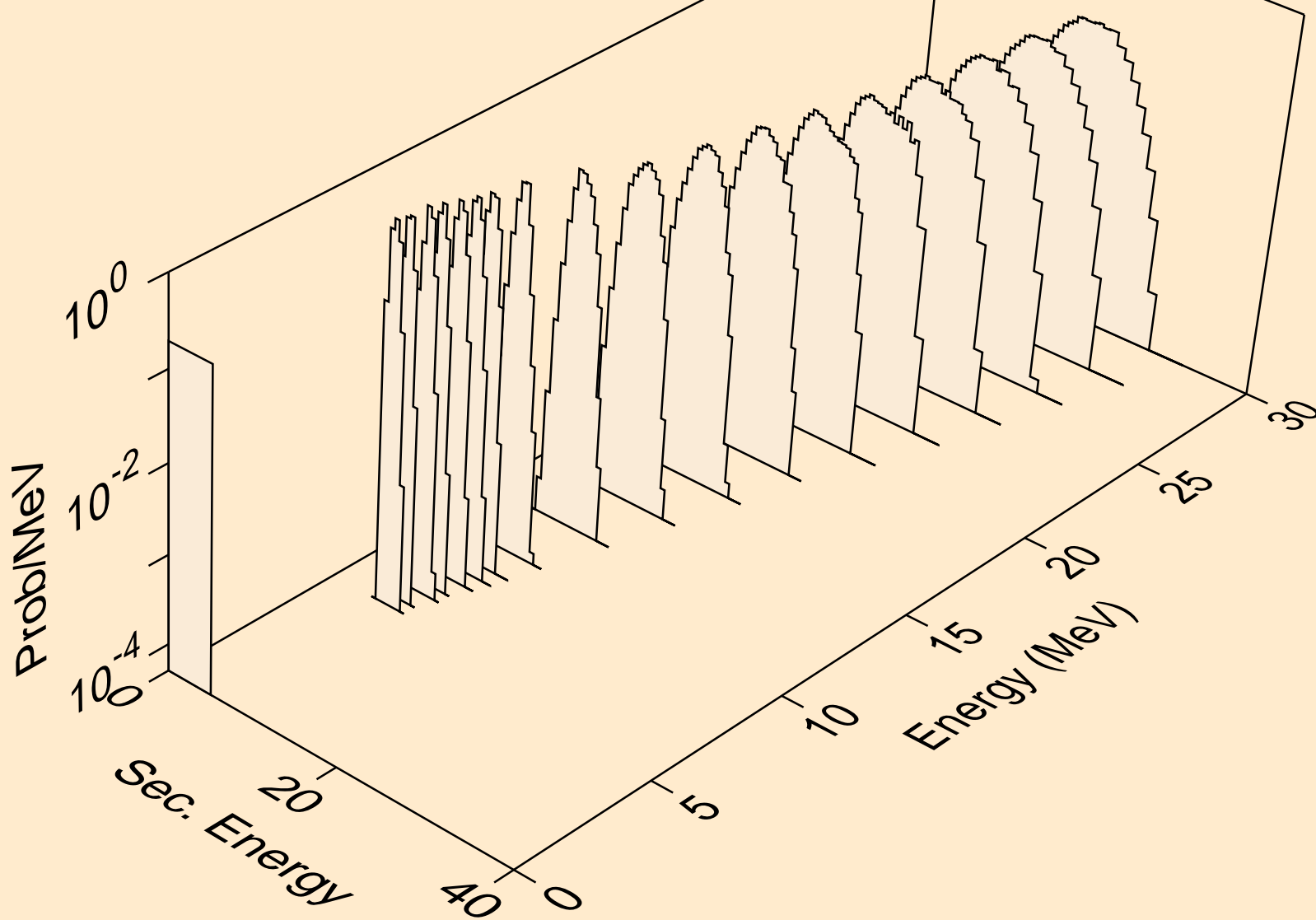
W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



W178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

