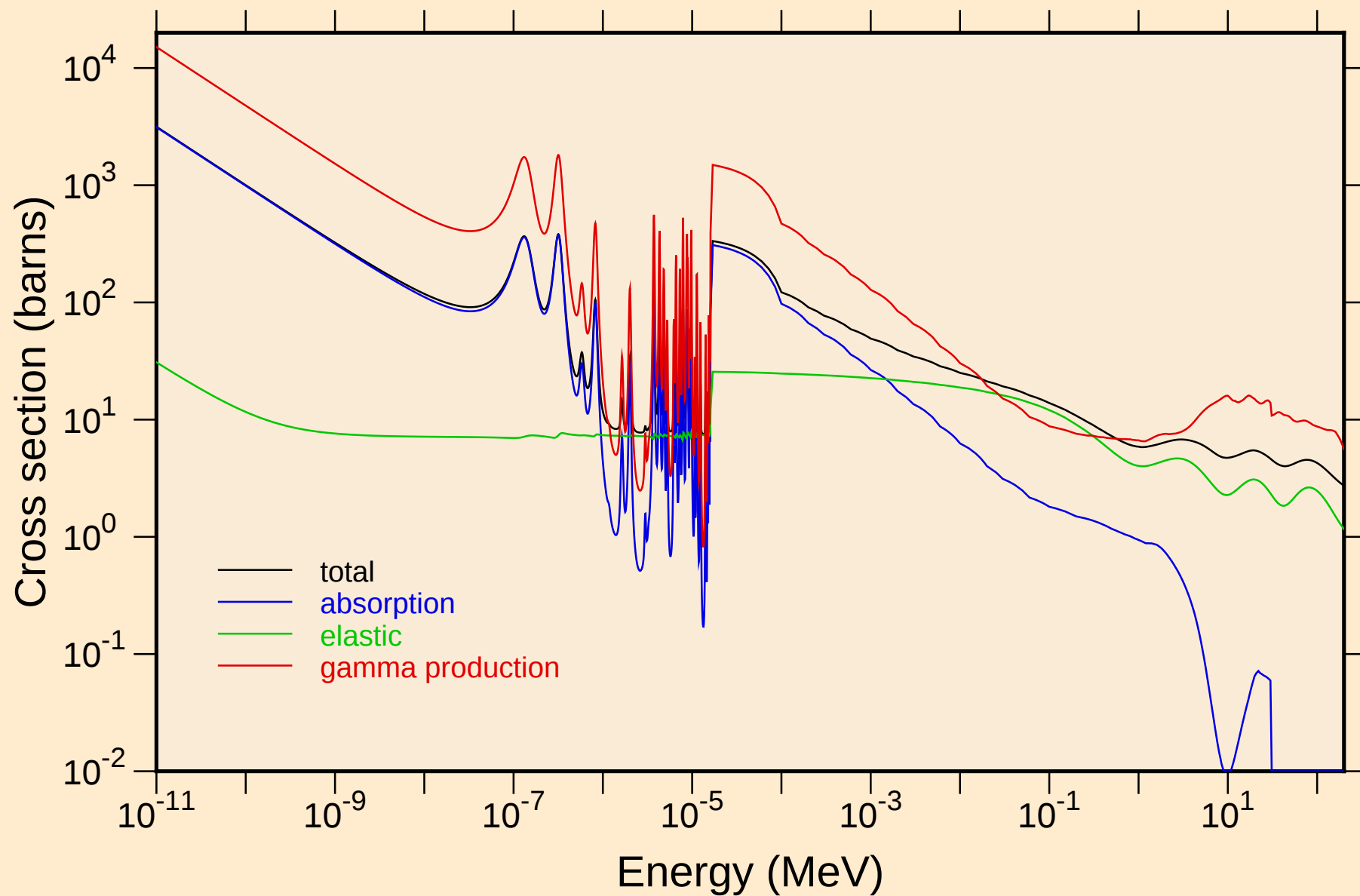
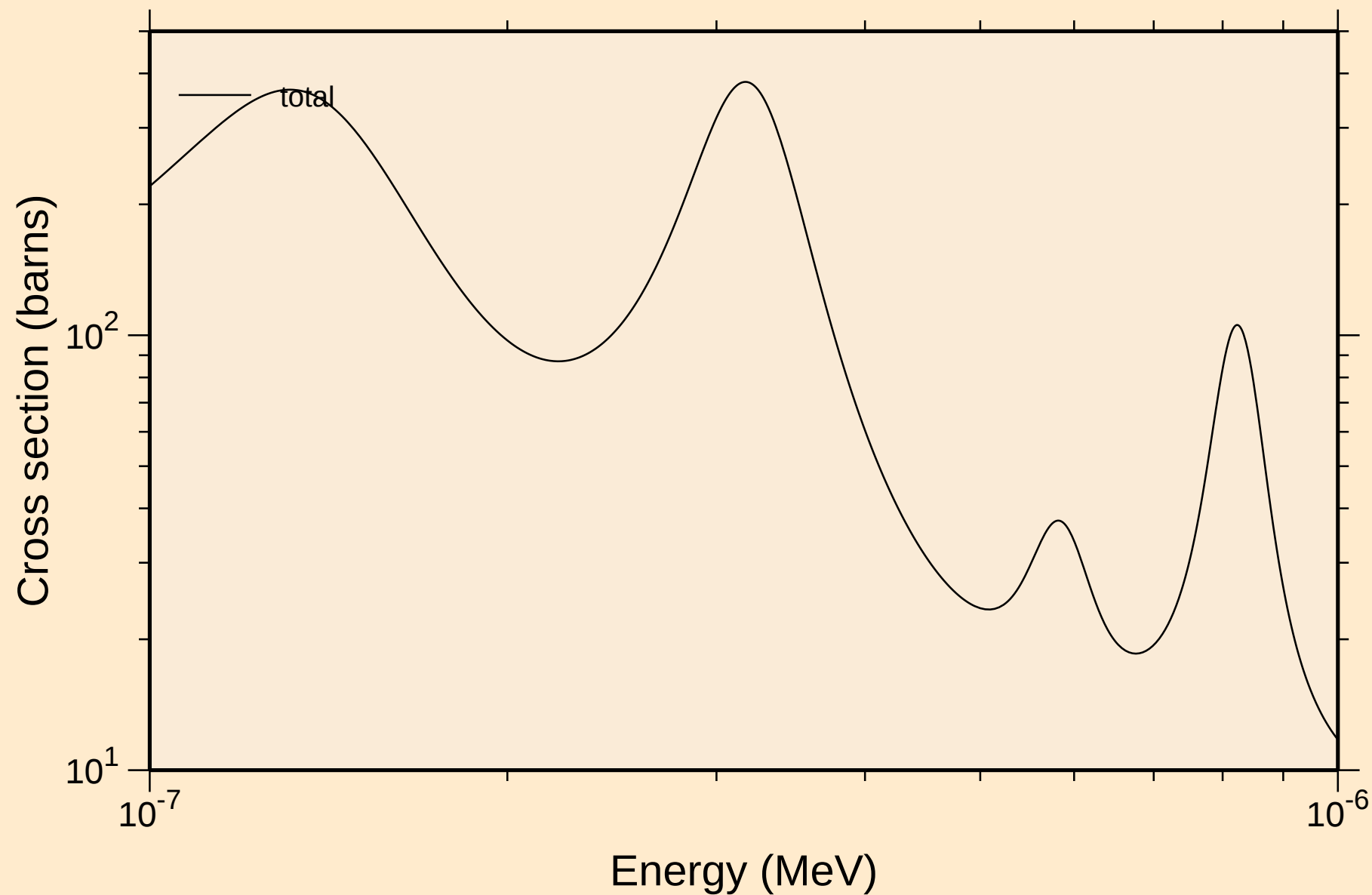


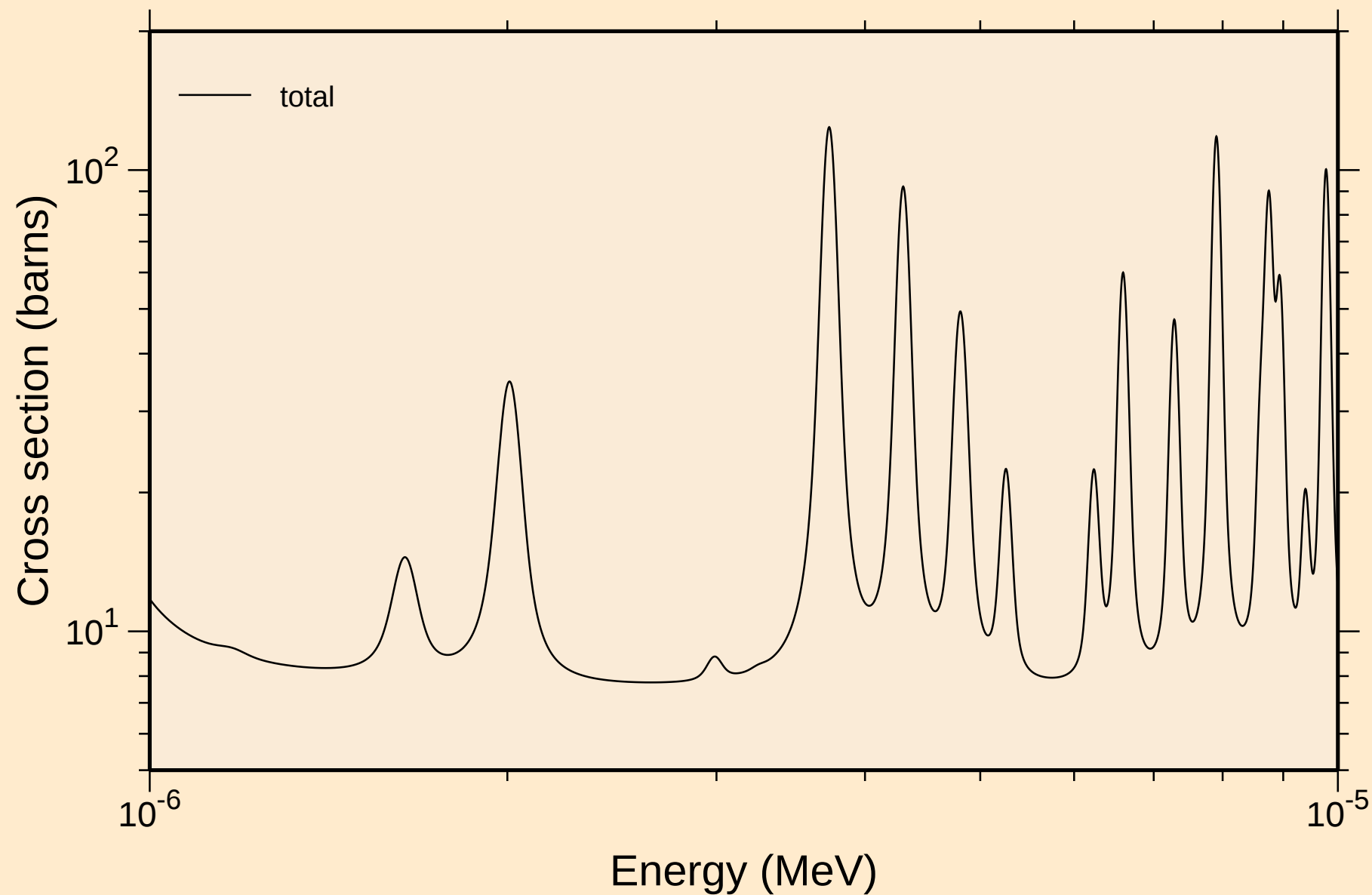
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



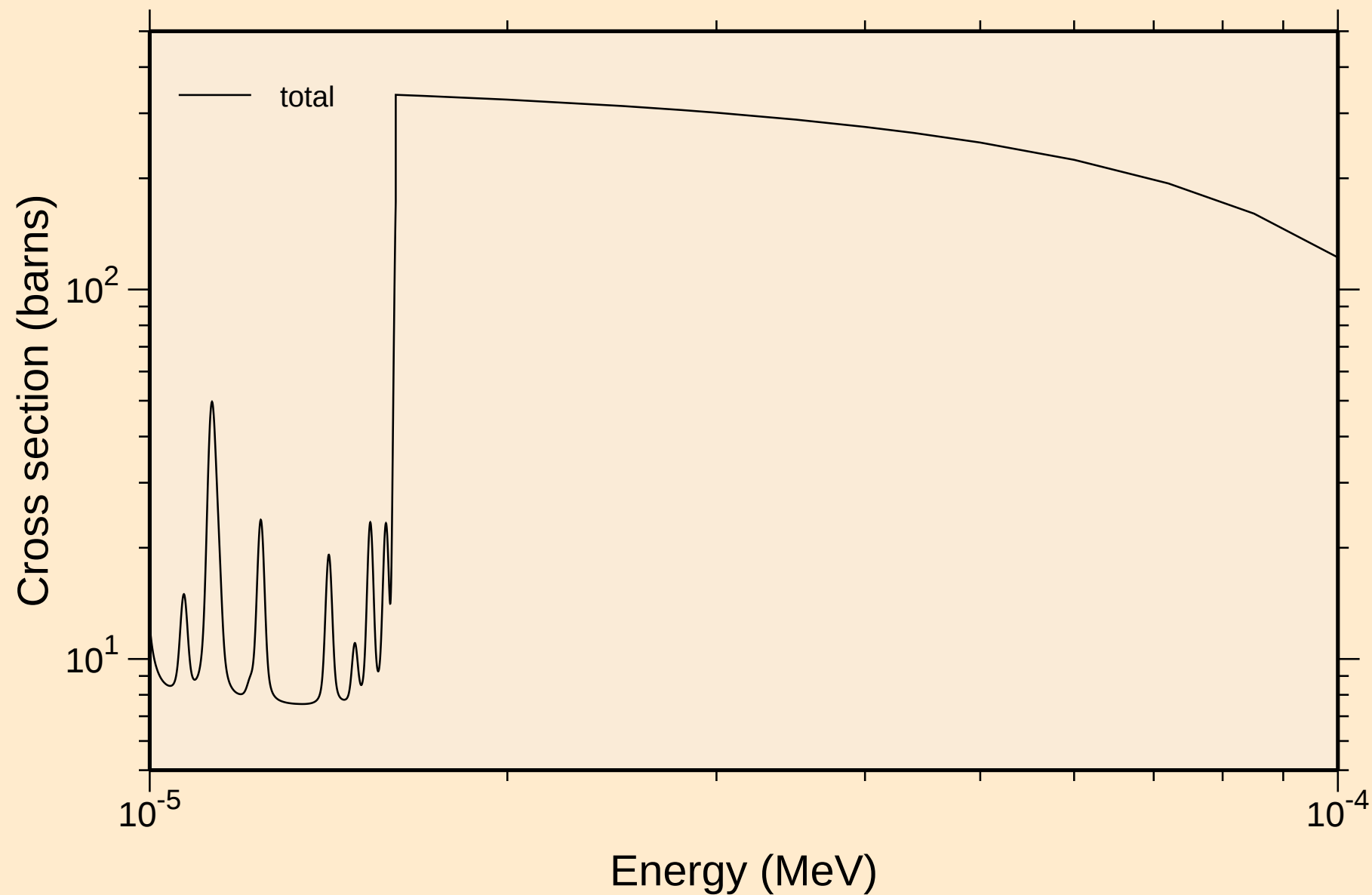
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



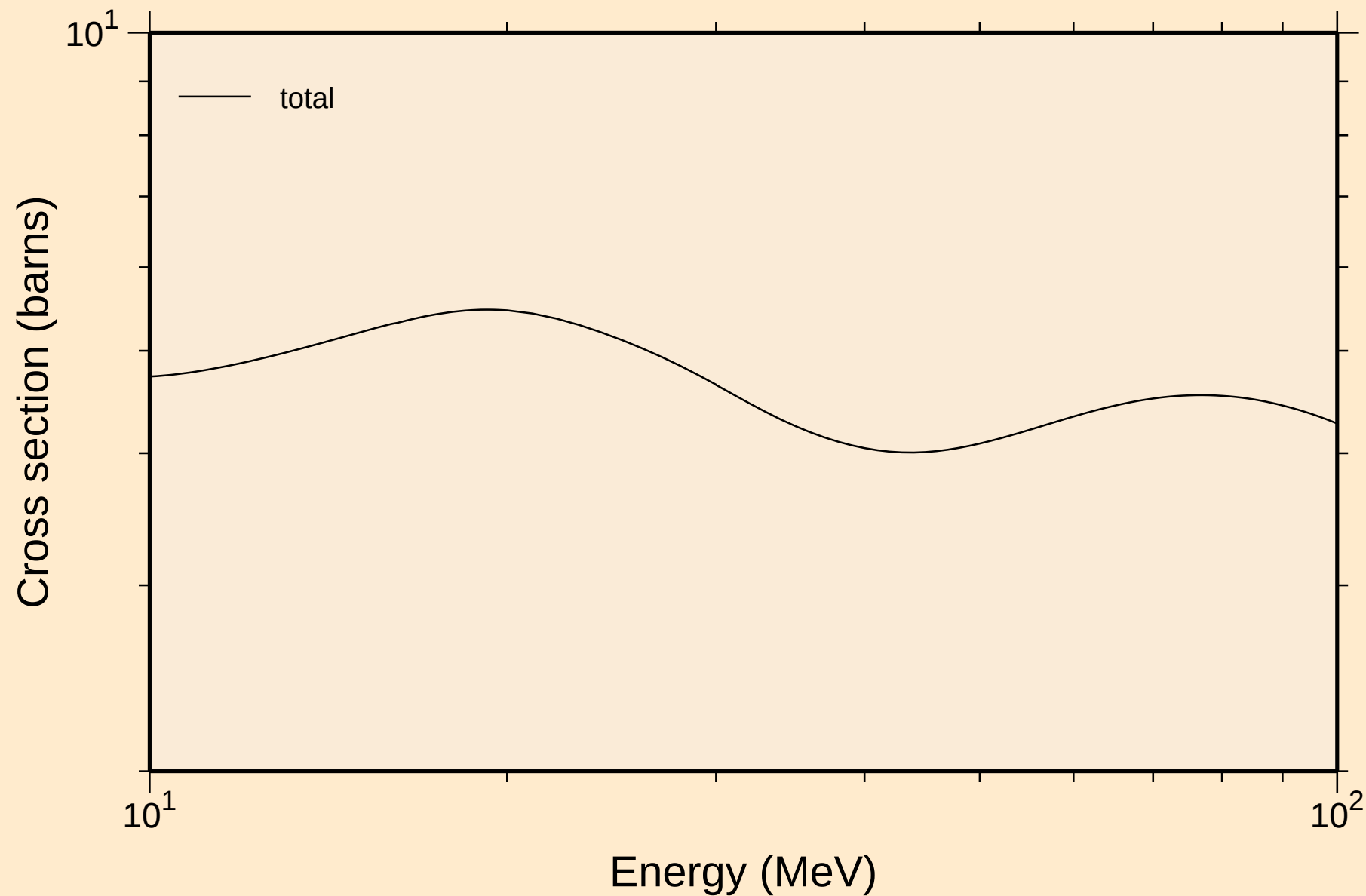
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



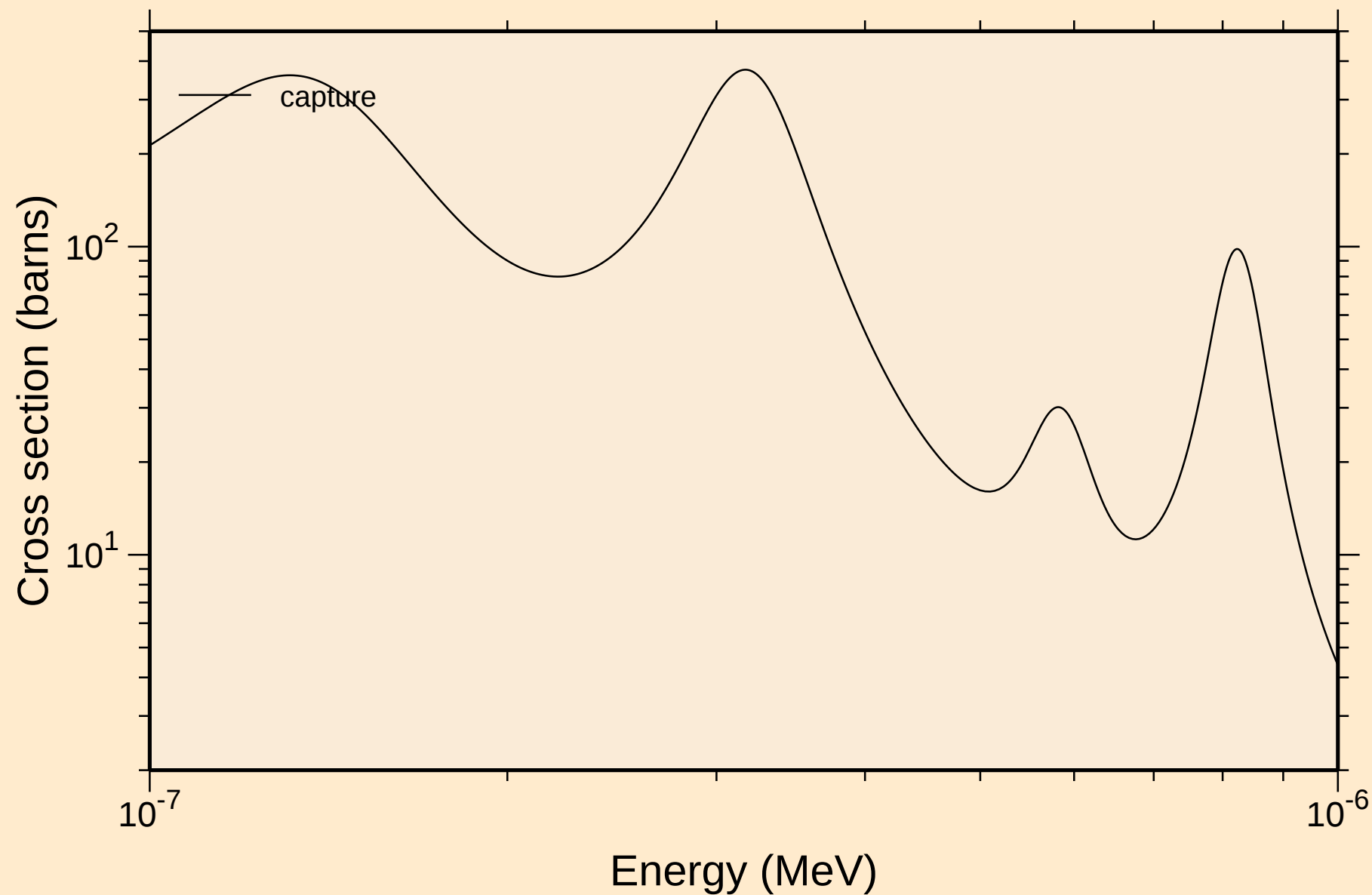
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



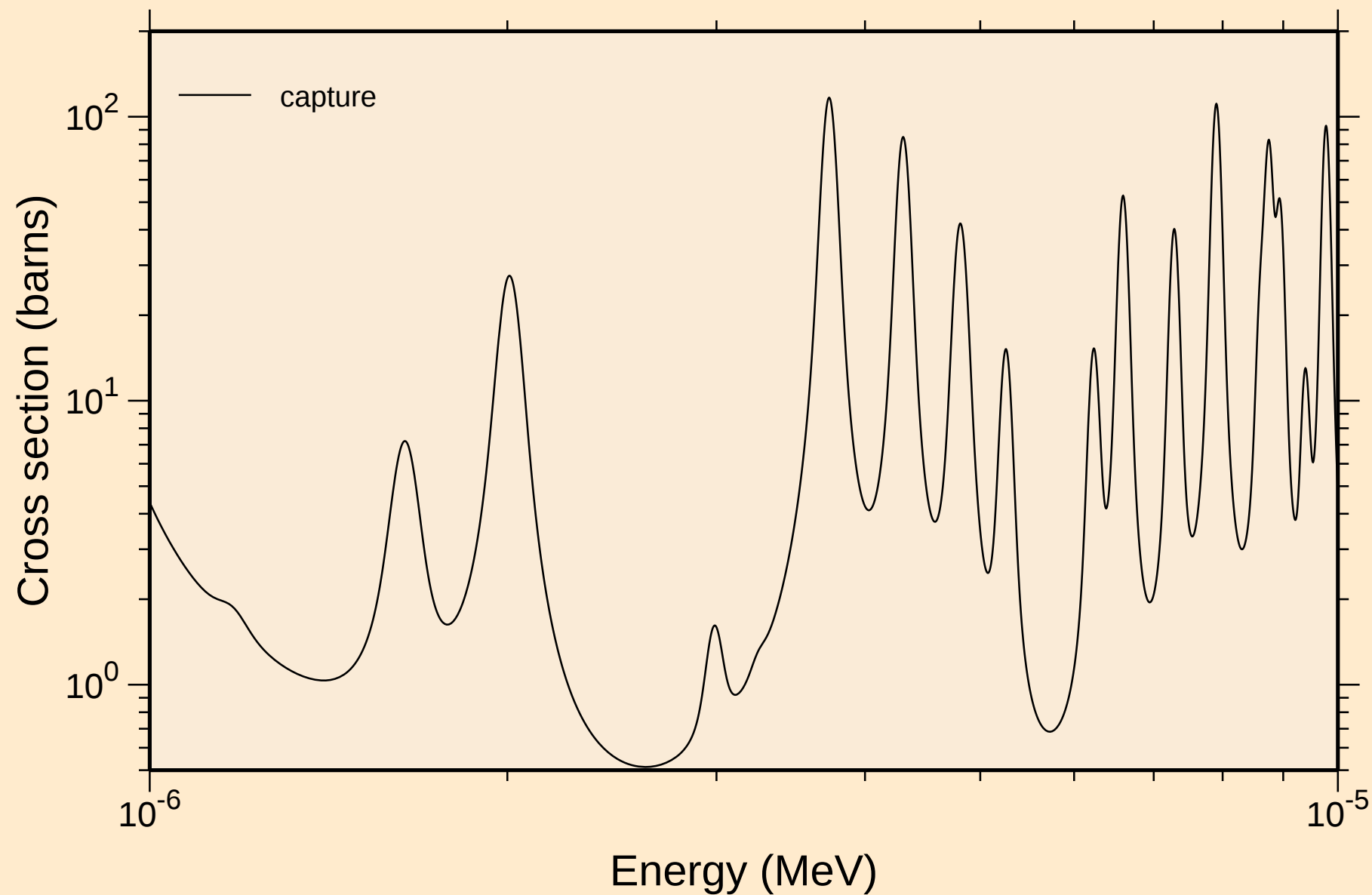
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



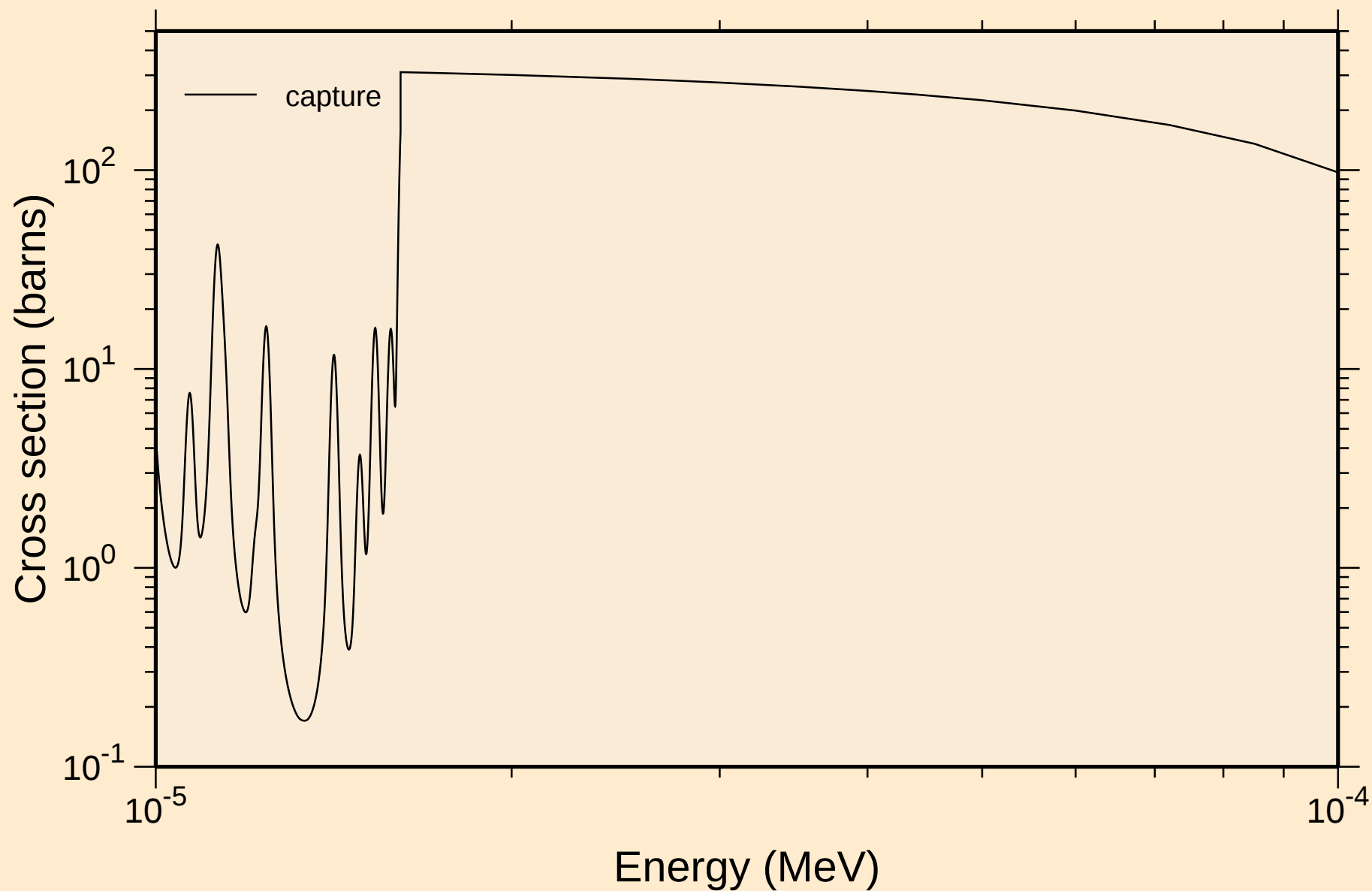
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



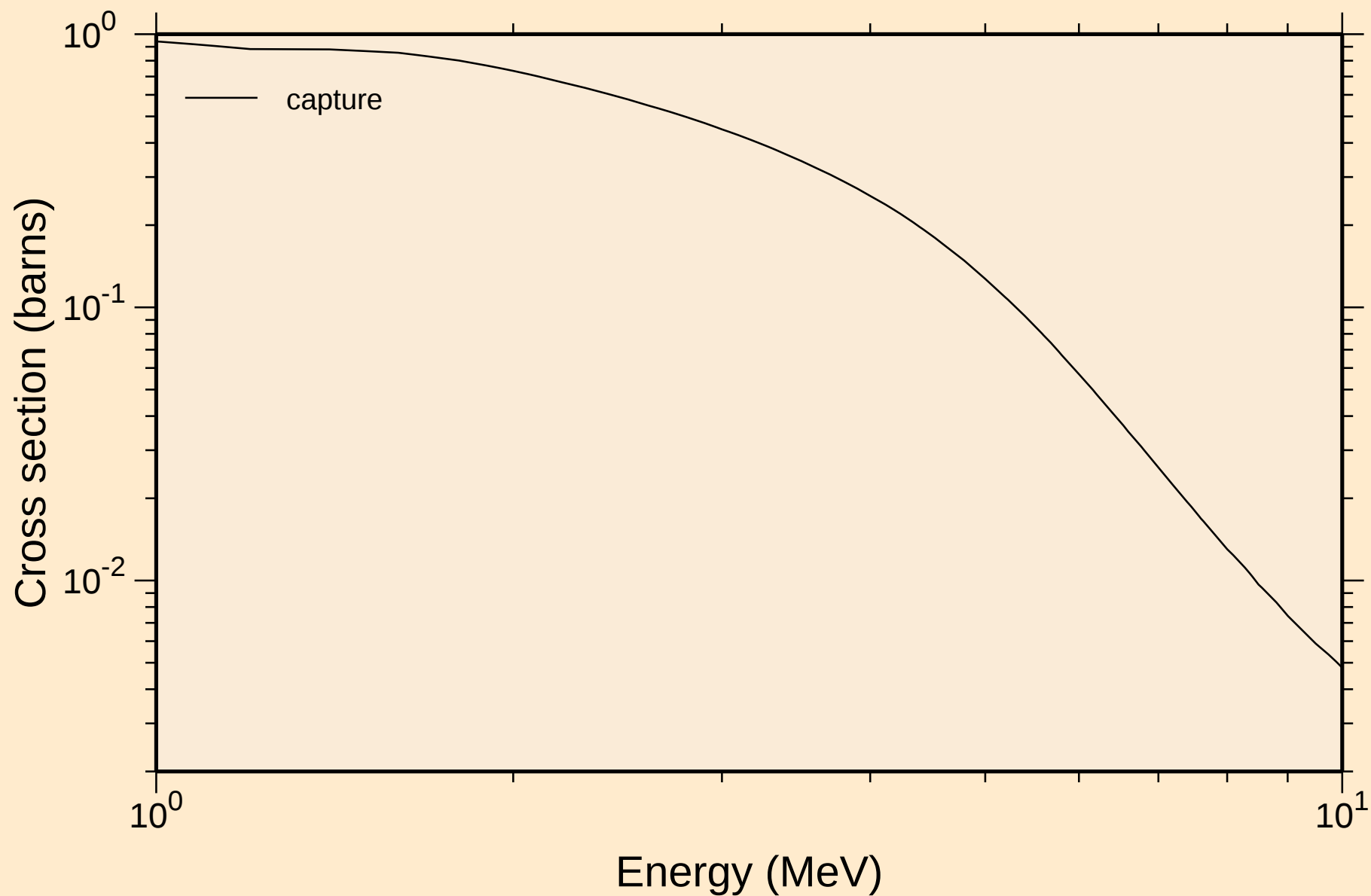
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



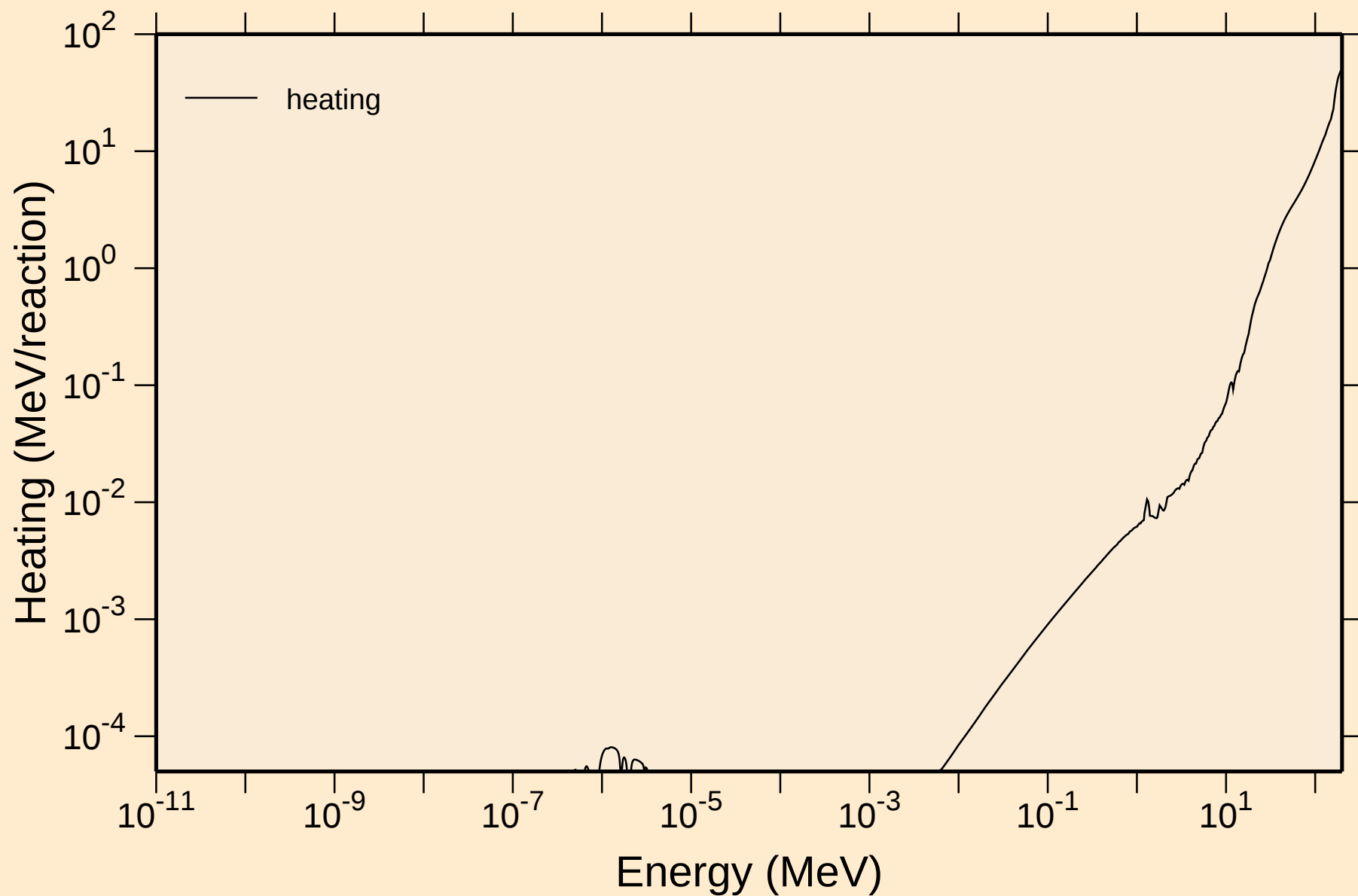
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



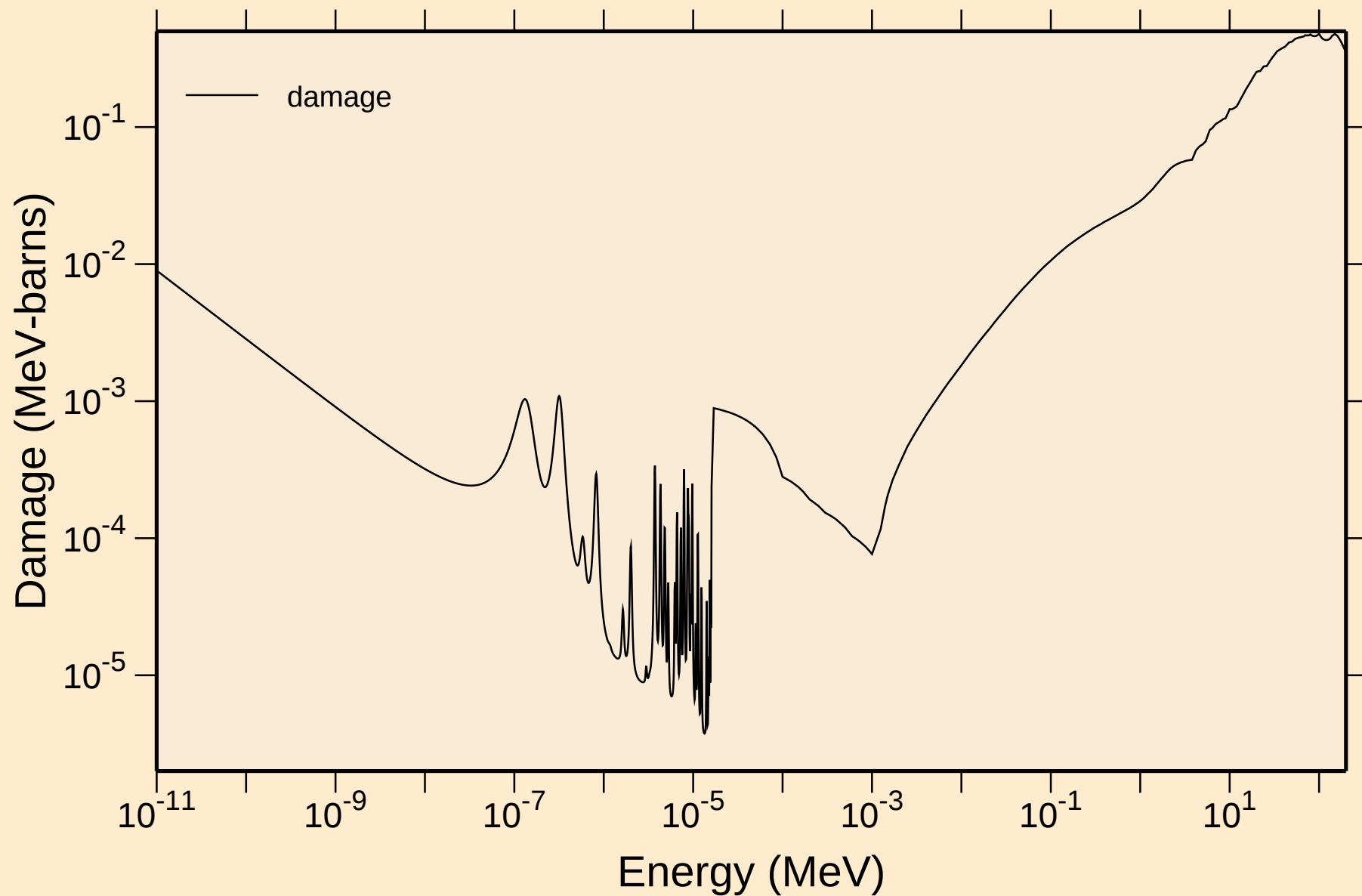
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



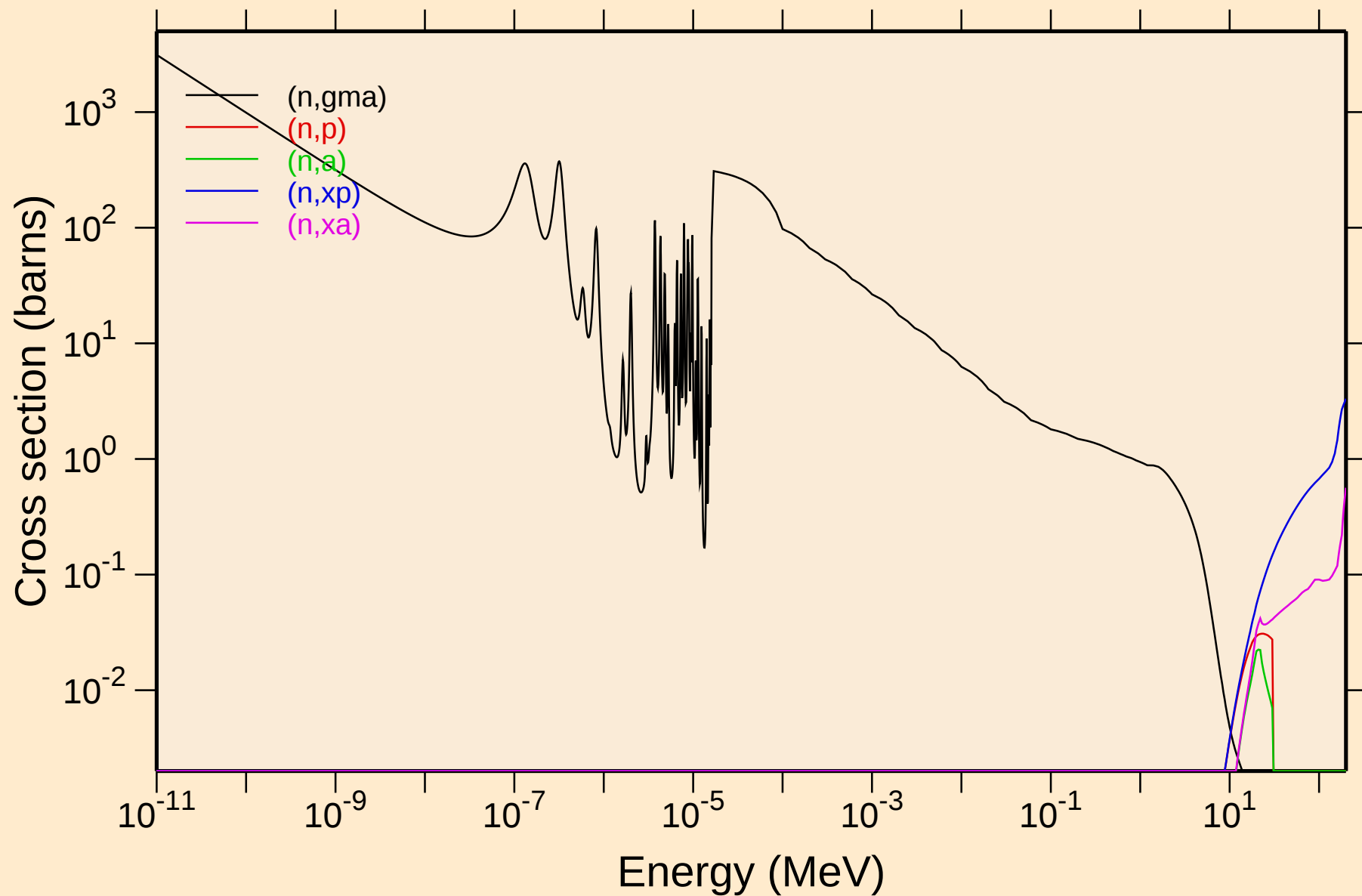
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage

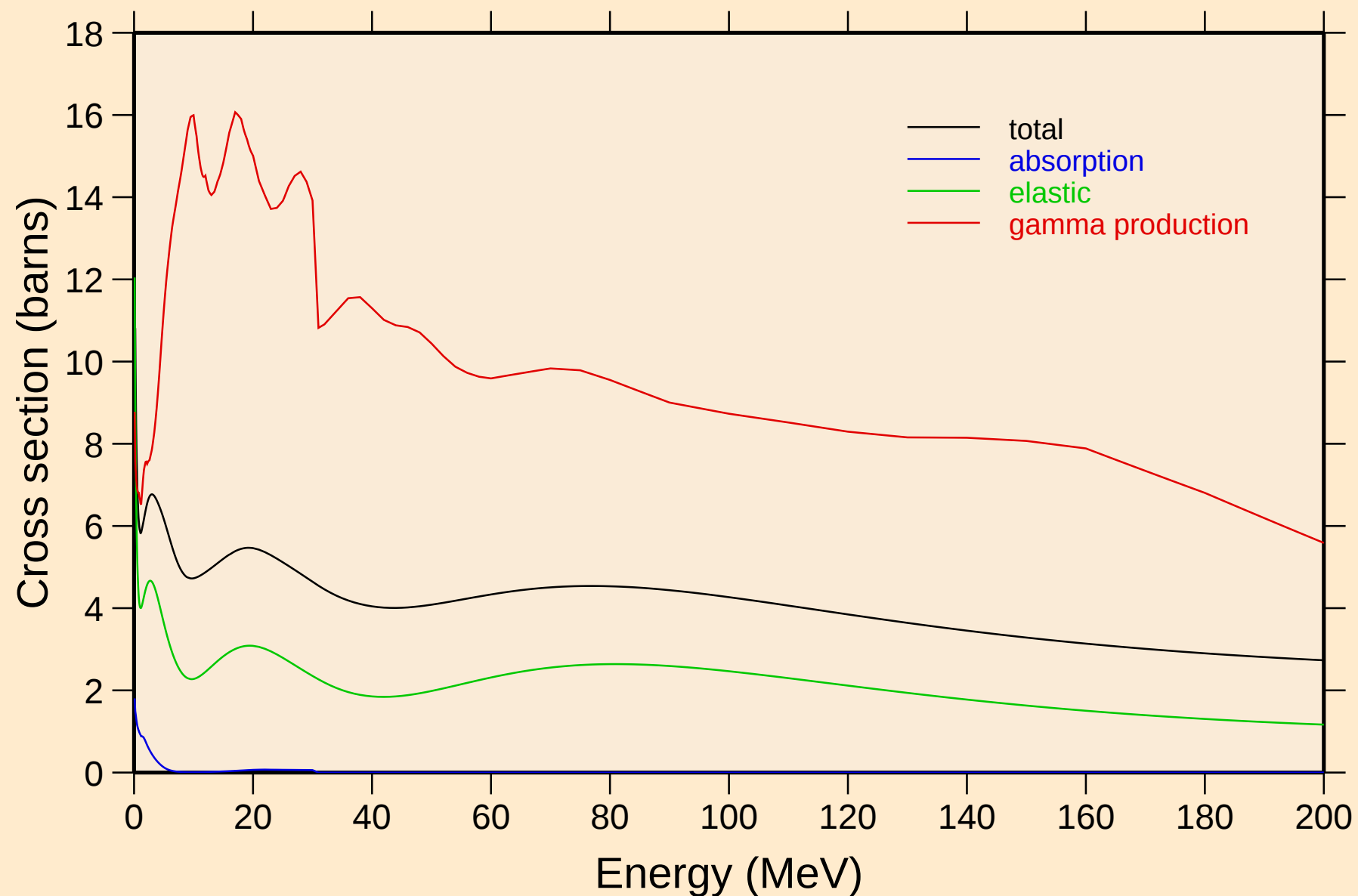


RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

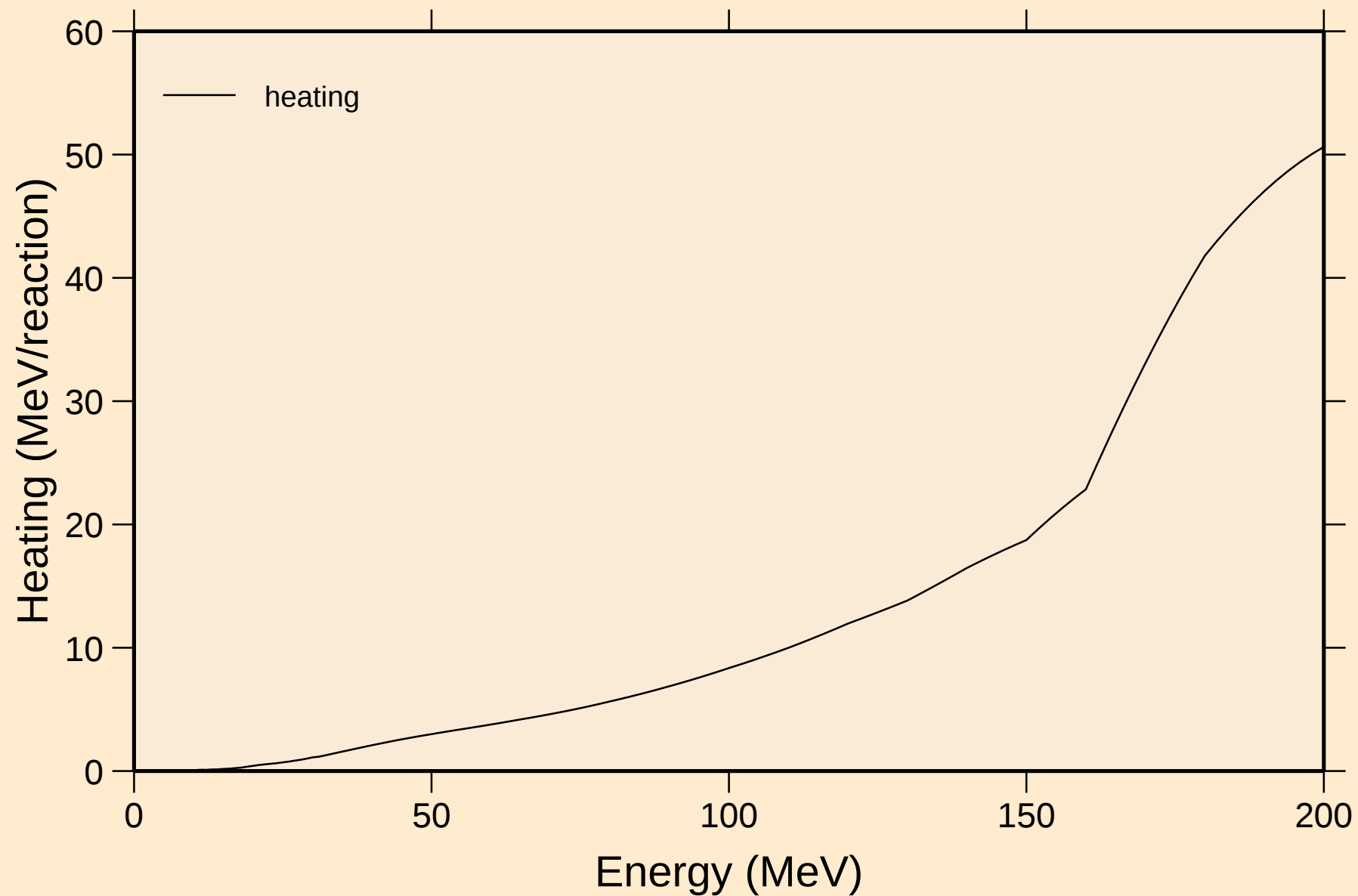


RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

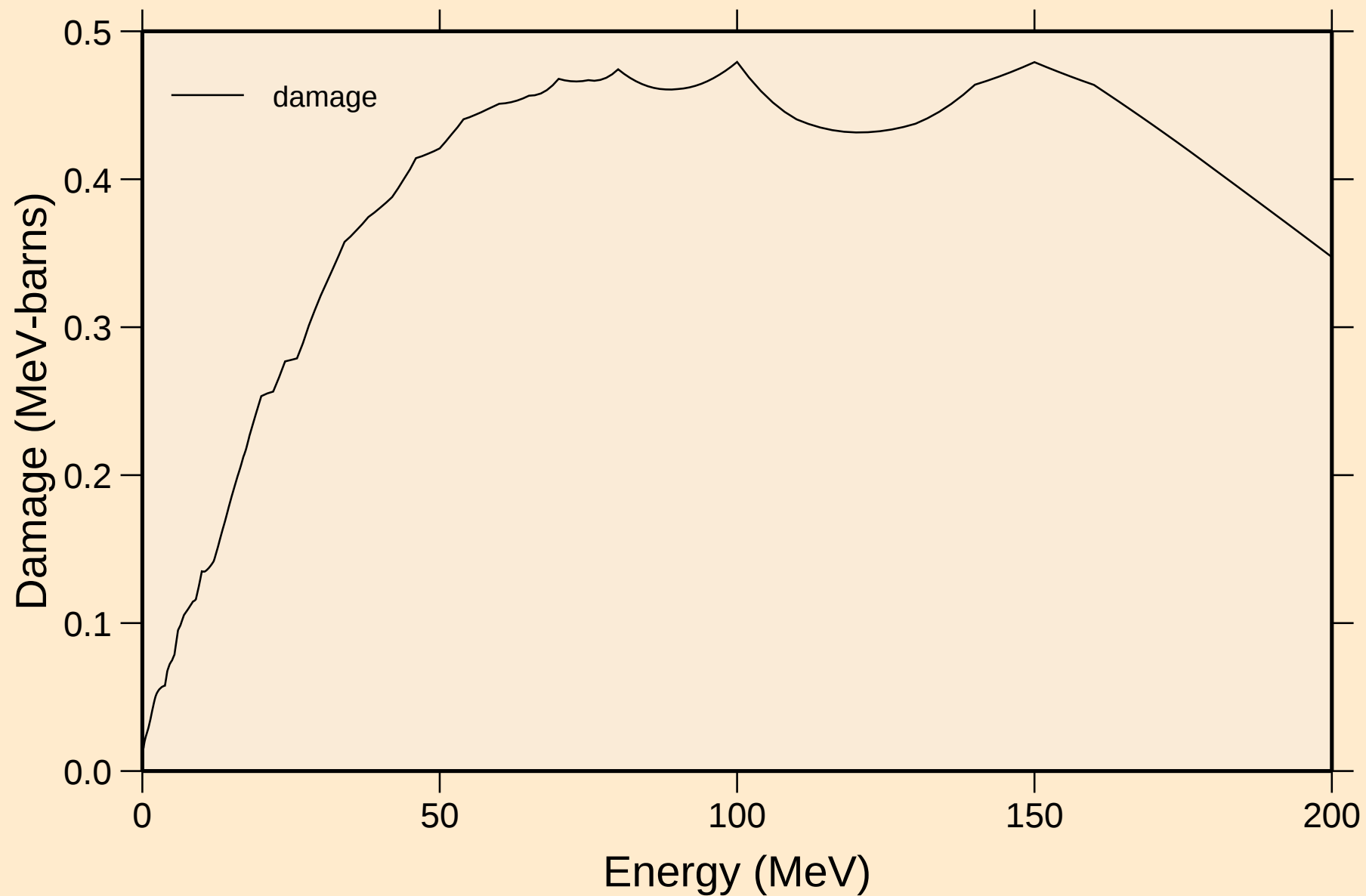
Principal cross sections



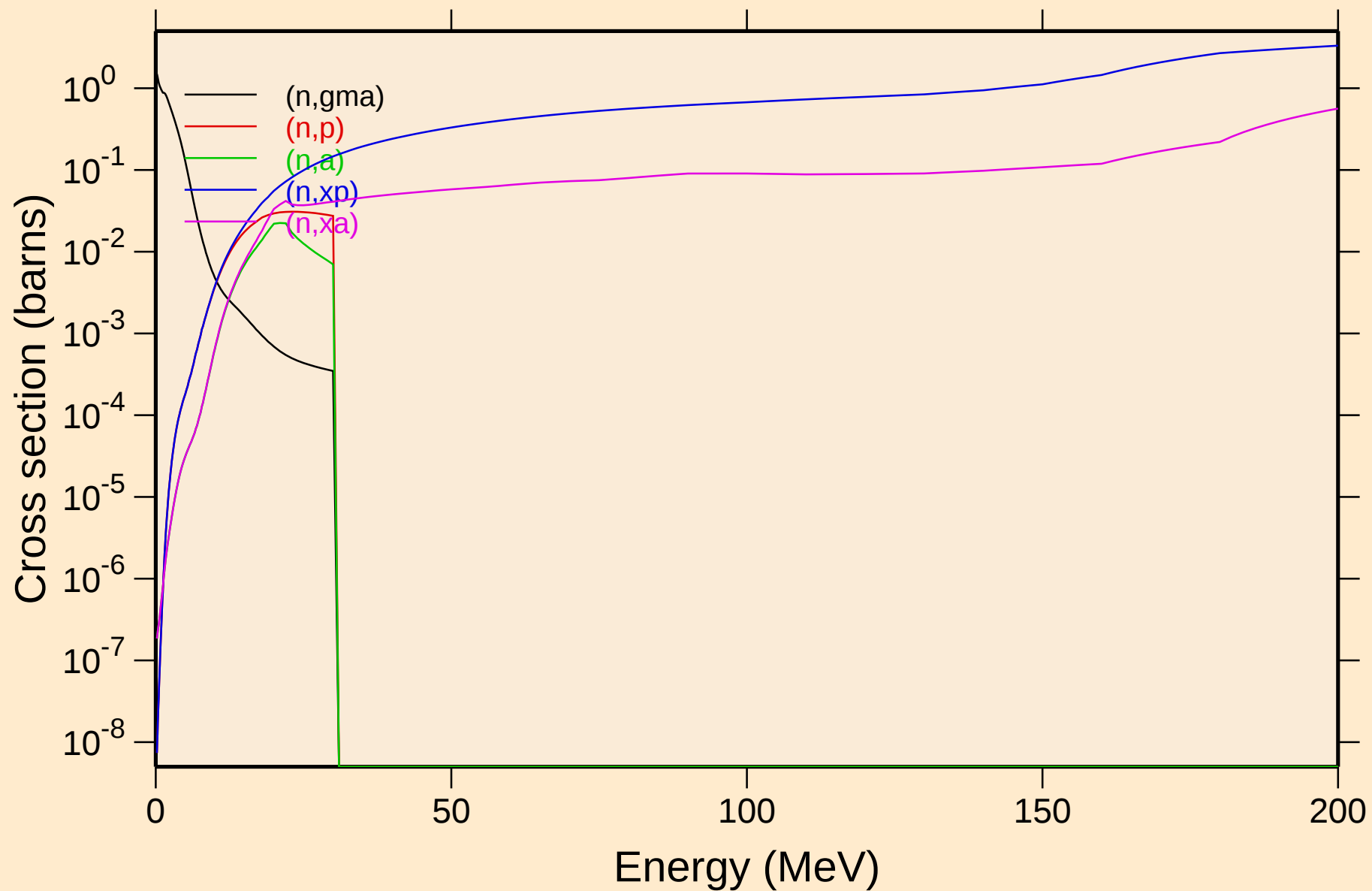
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



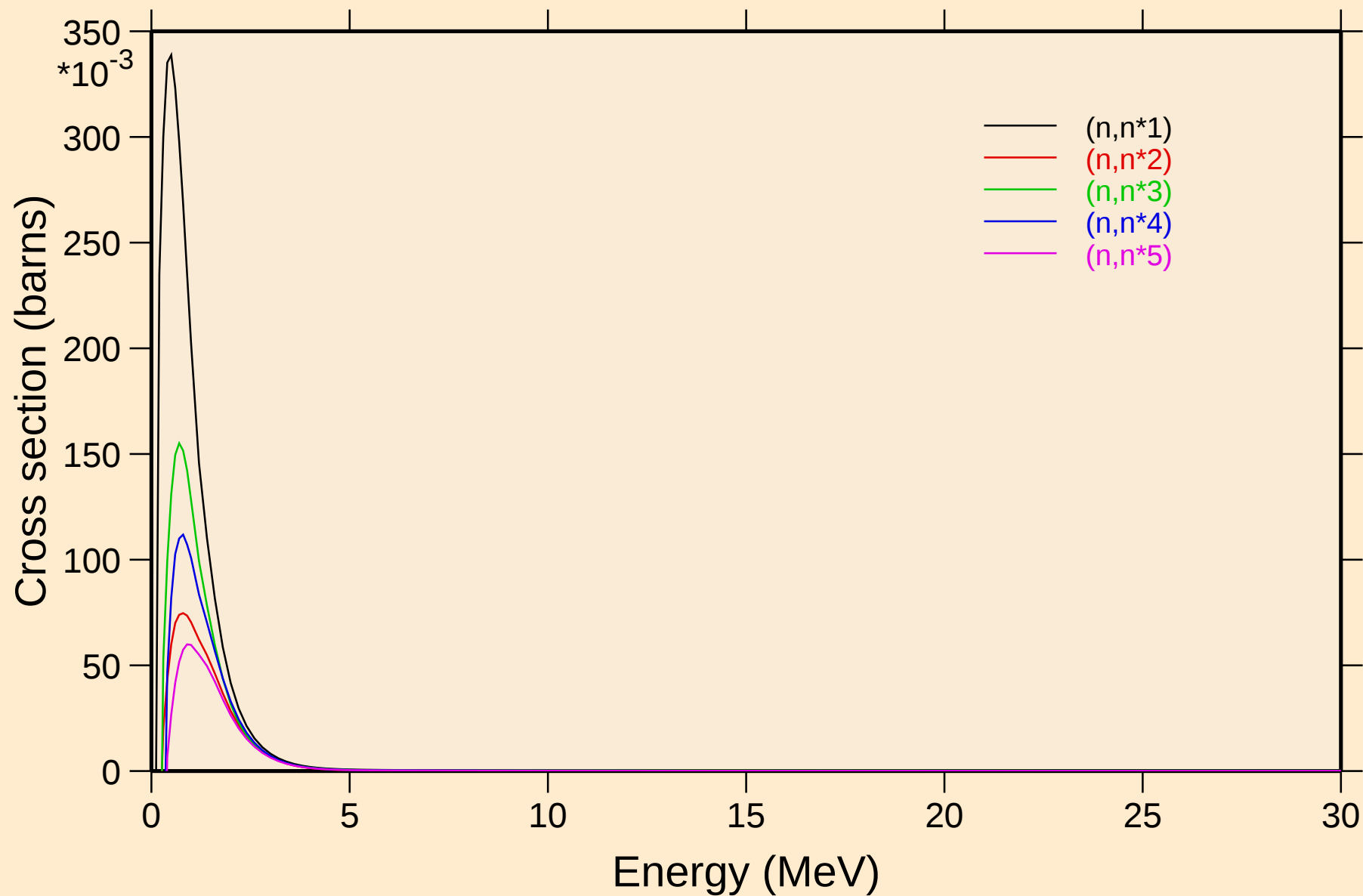
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



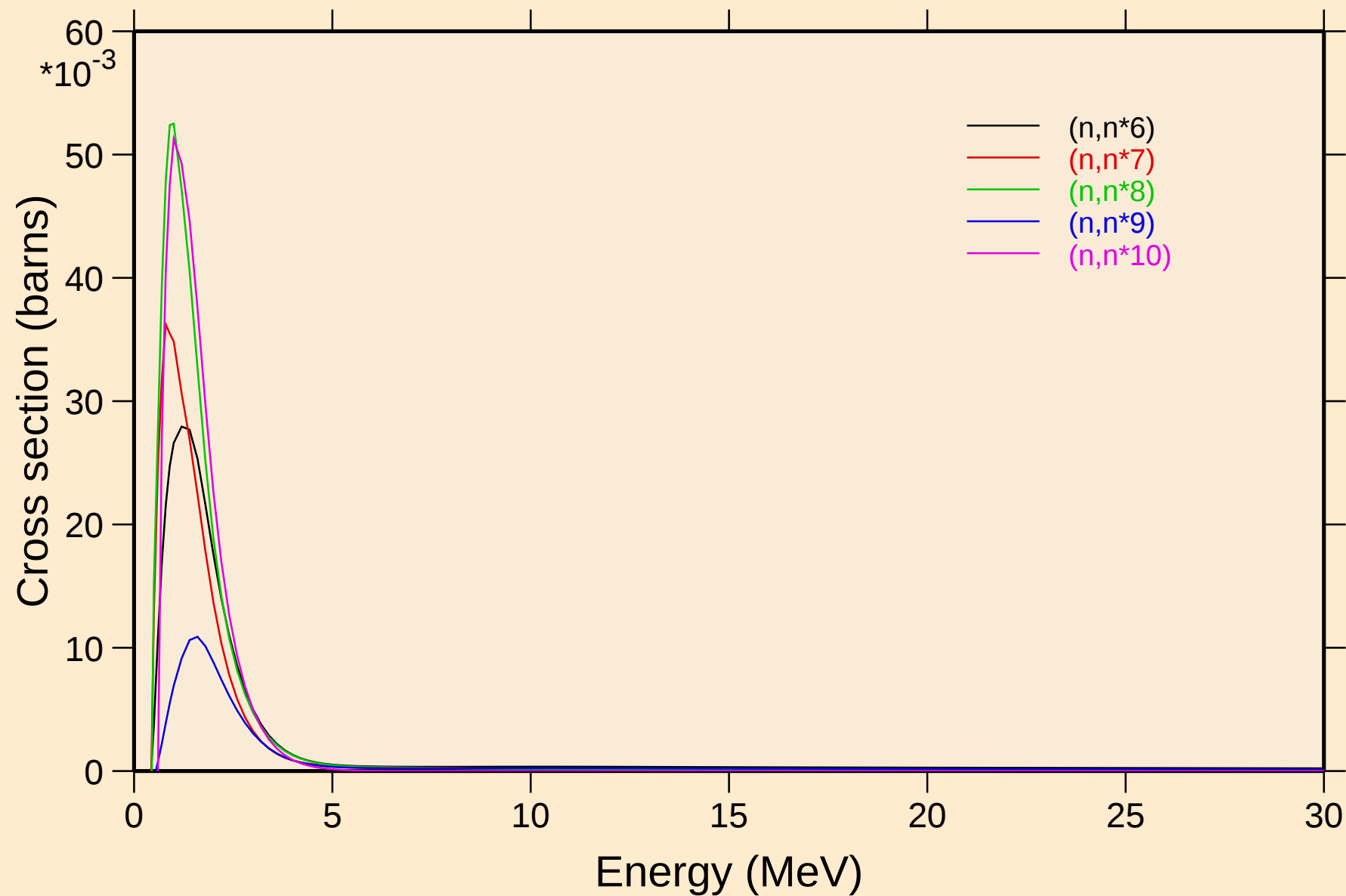
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



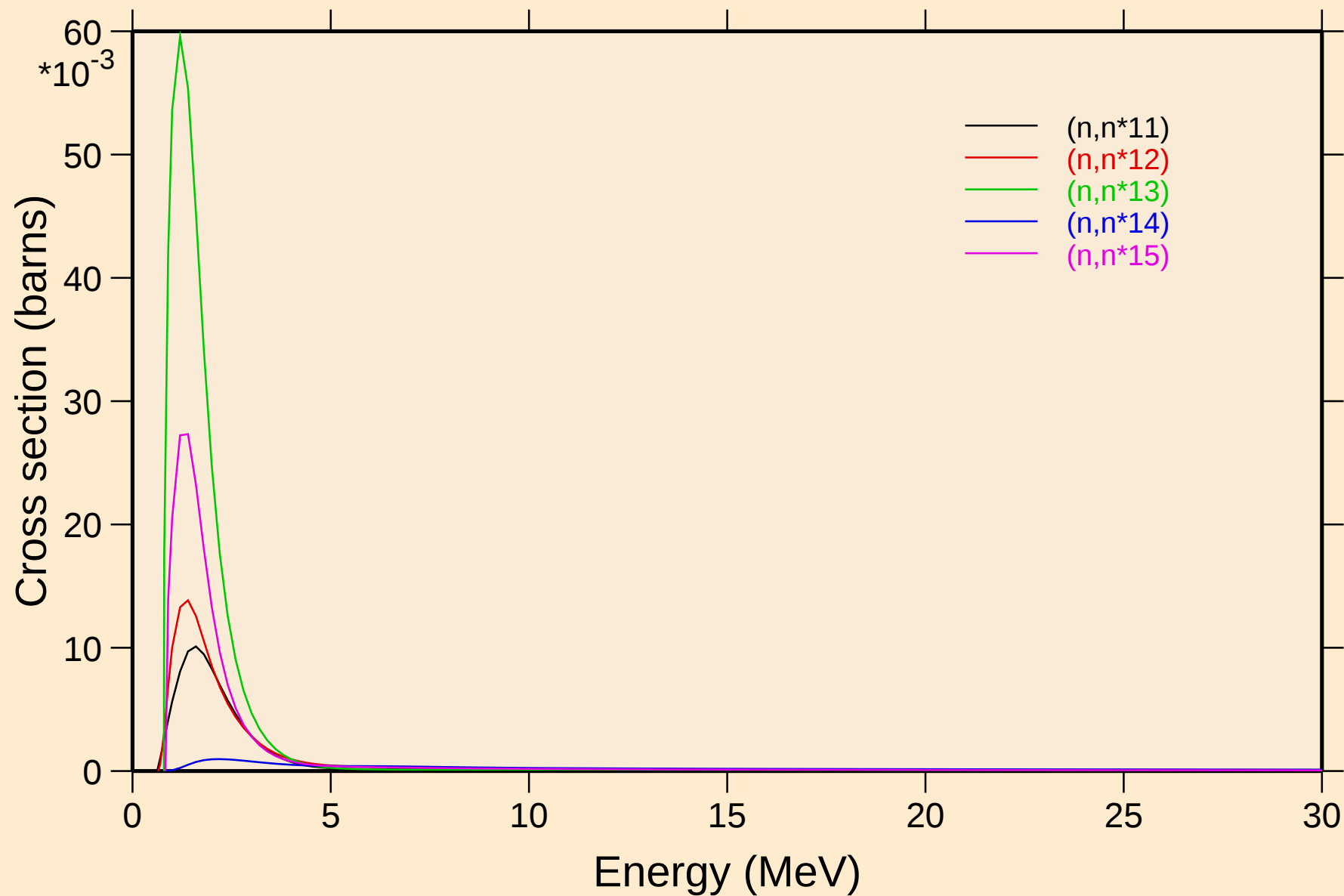
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



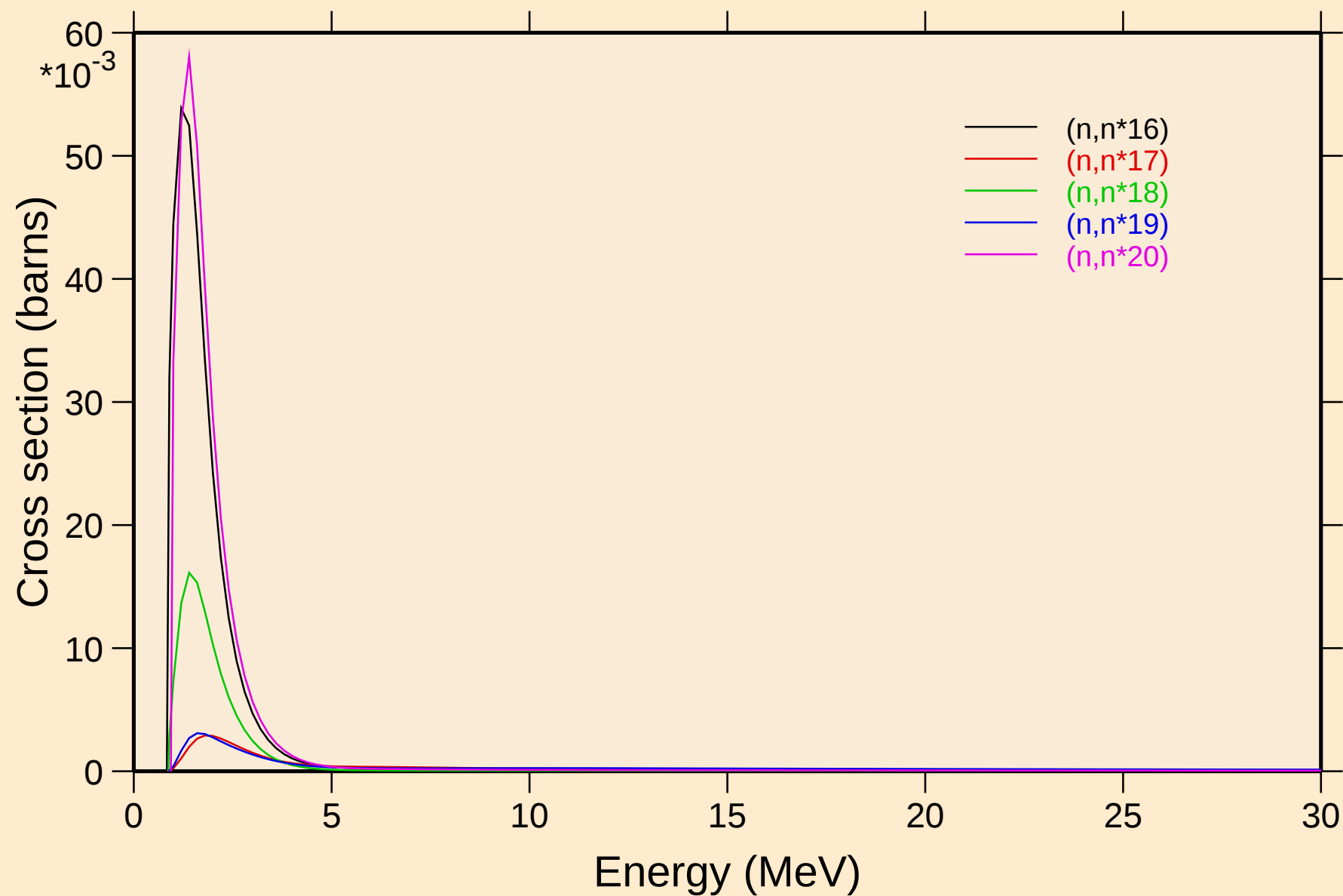
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



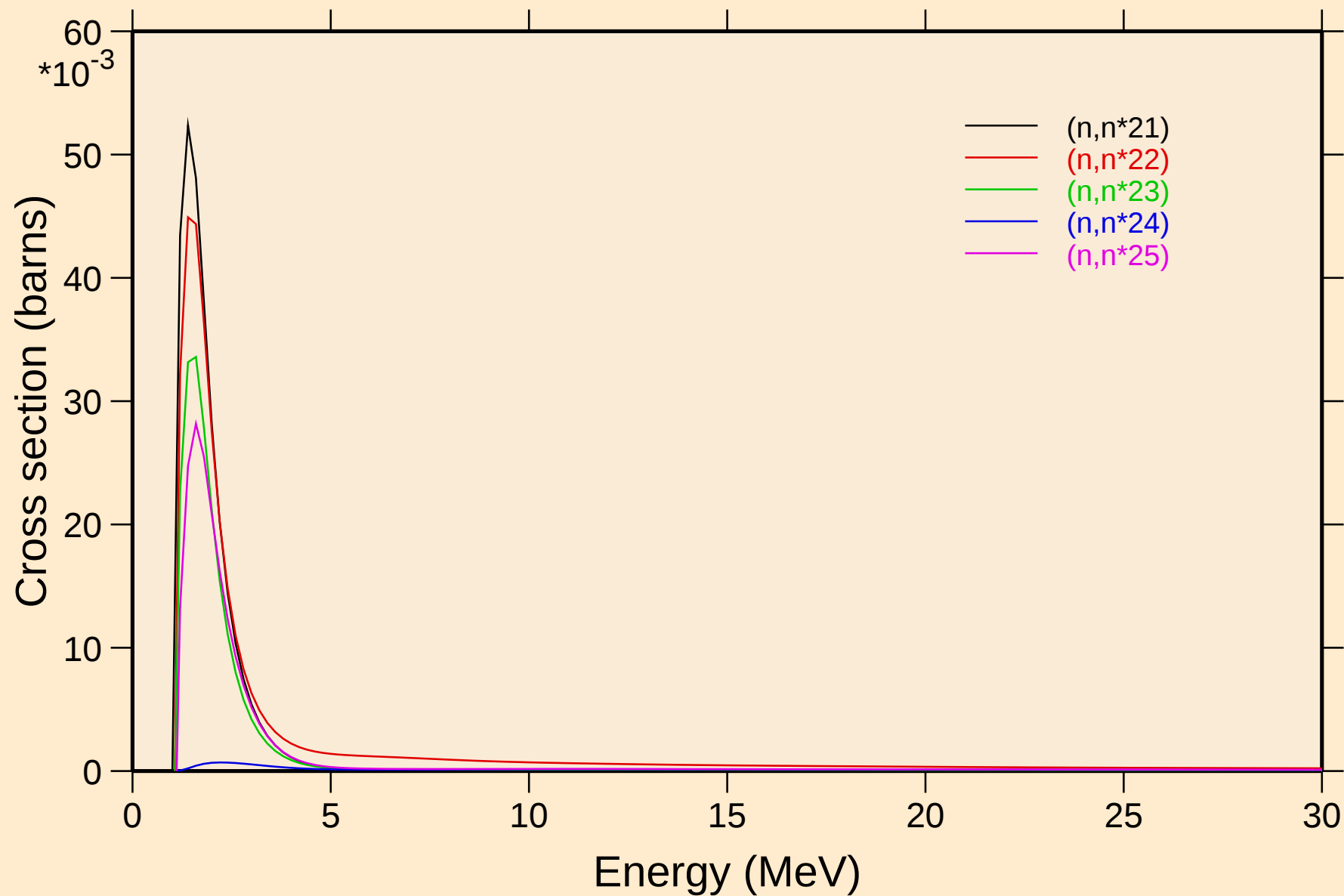
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



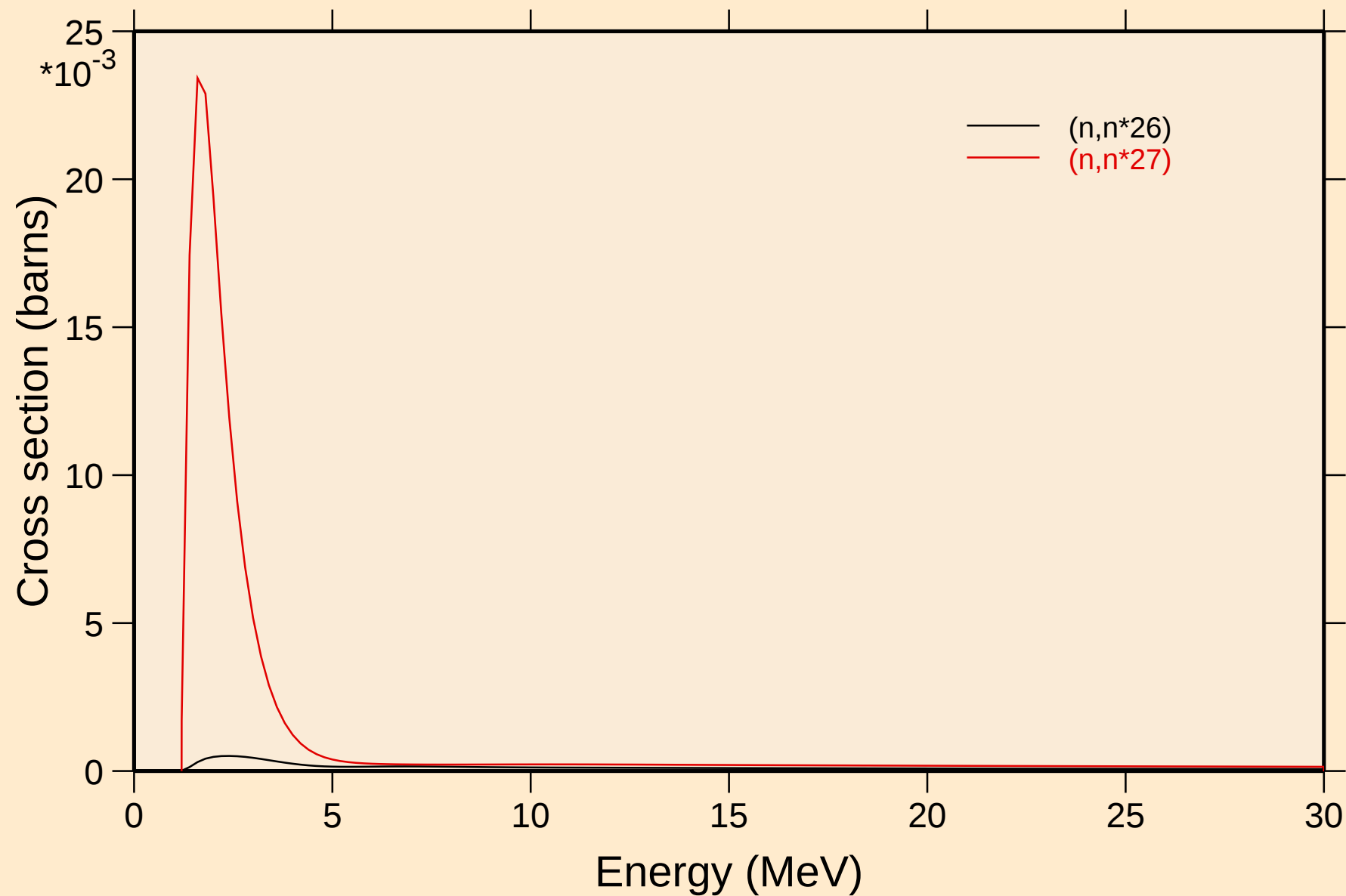
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



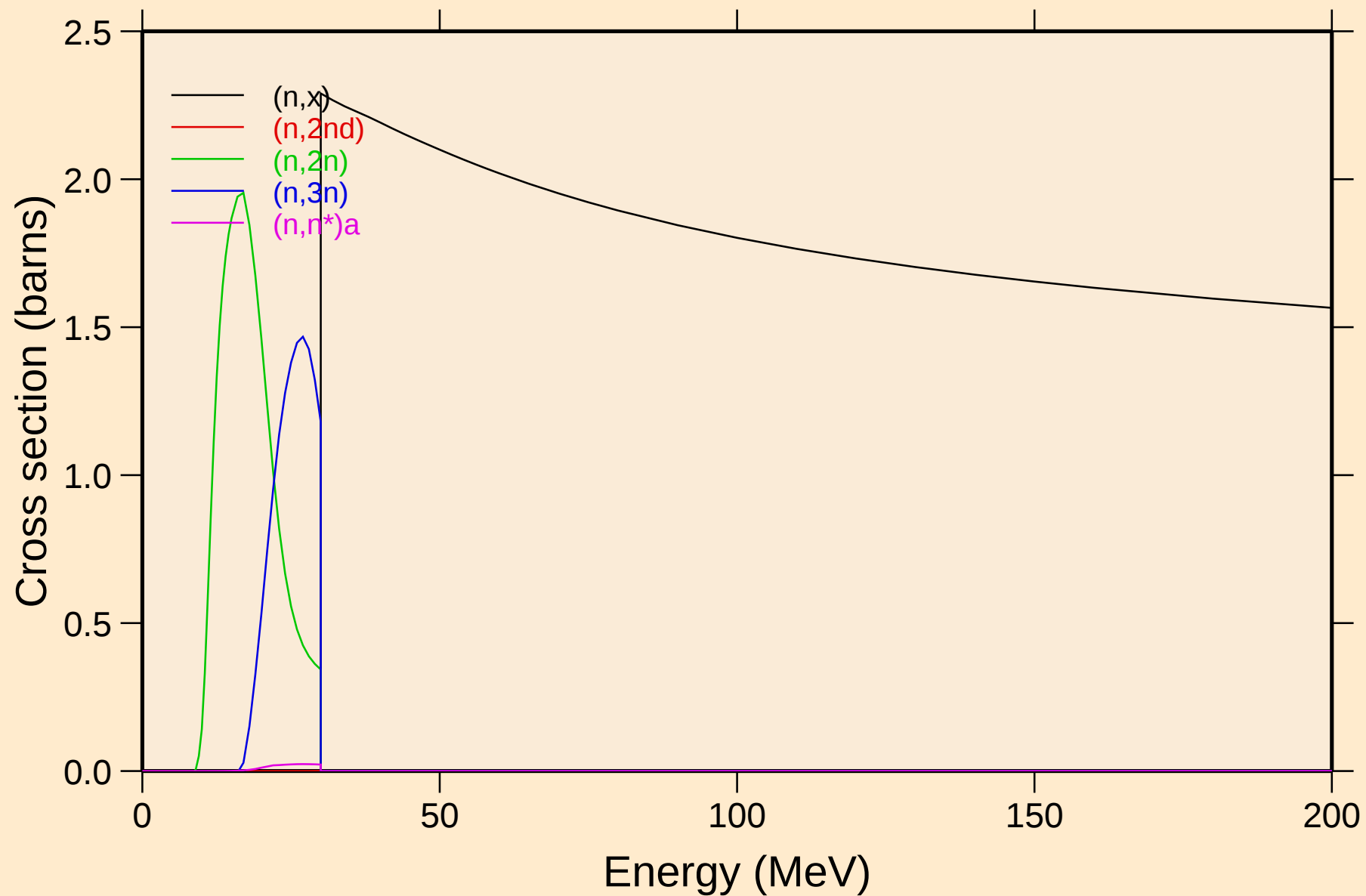
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



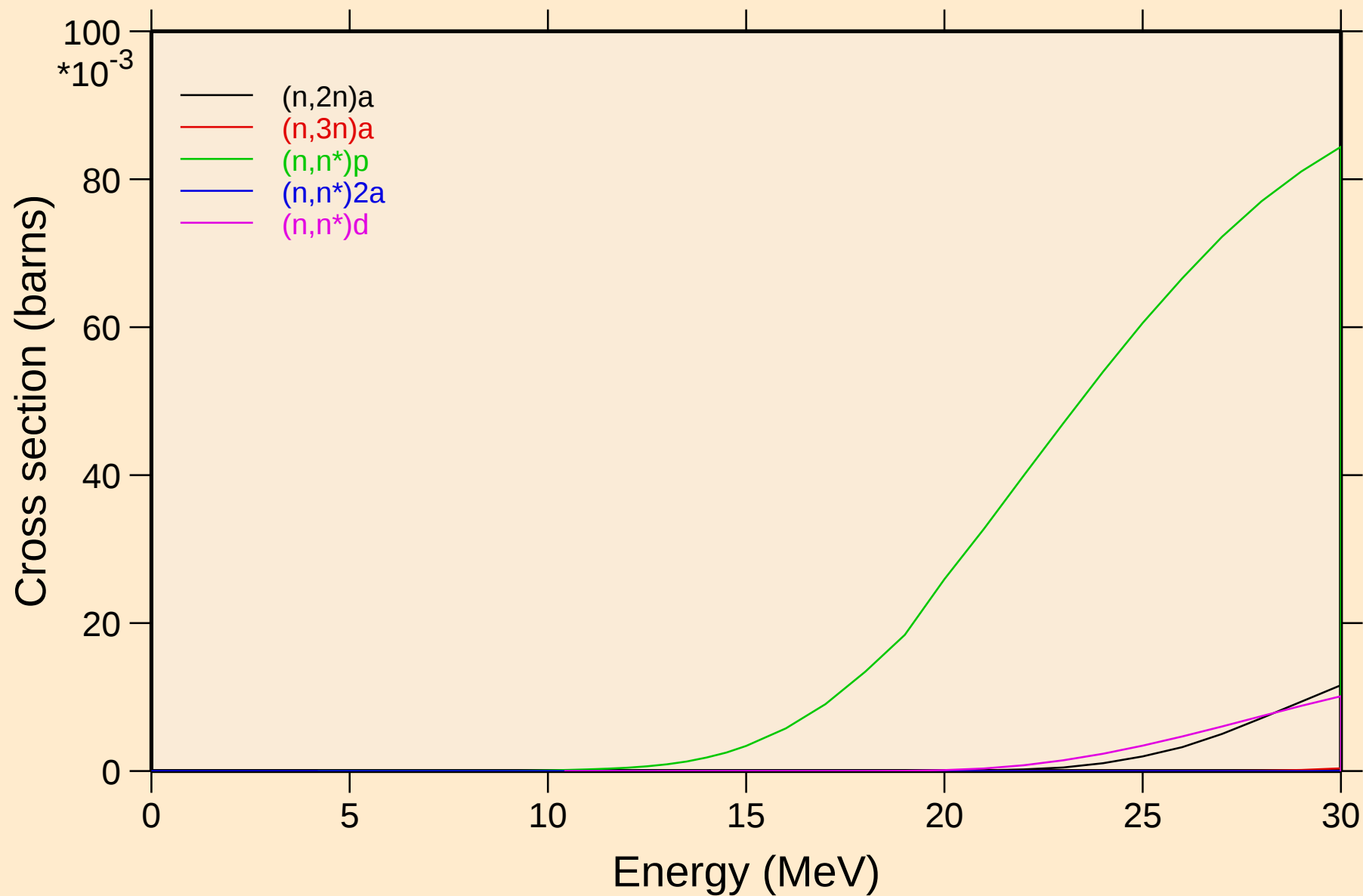
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



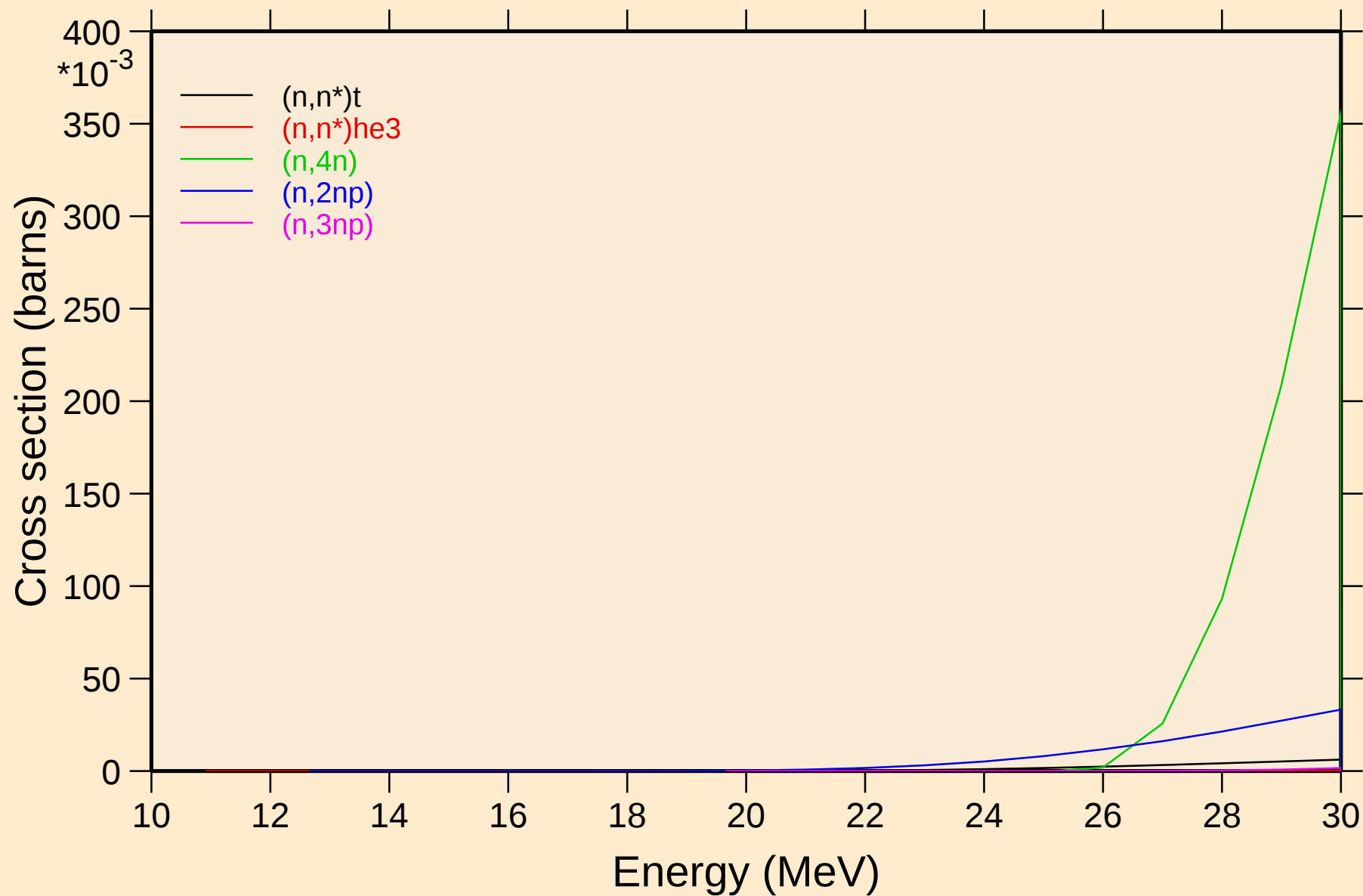
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



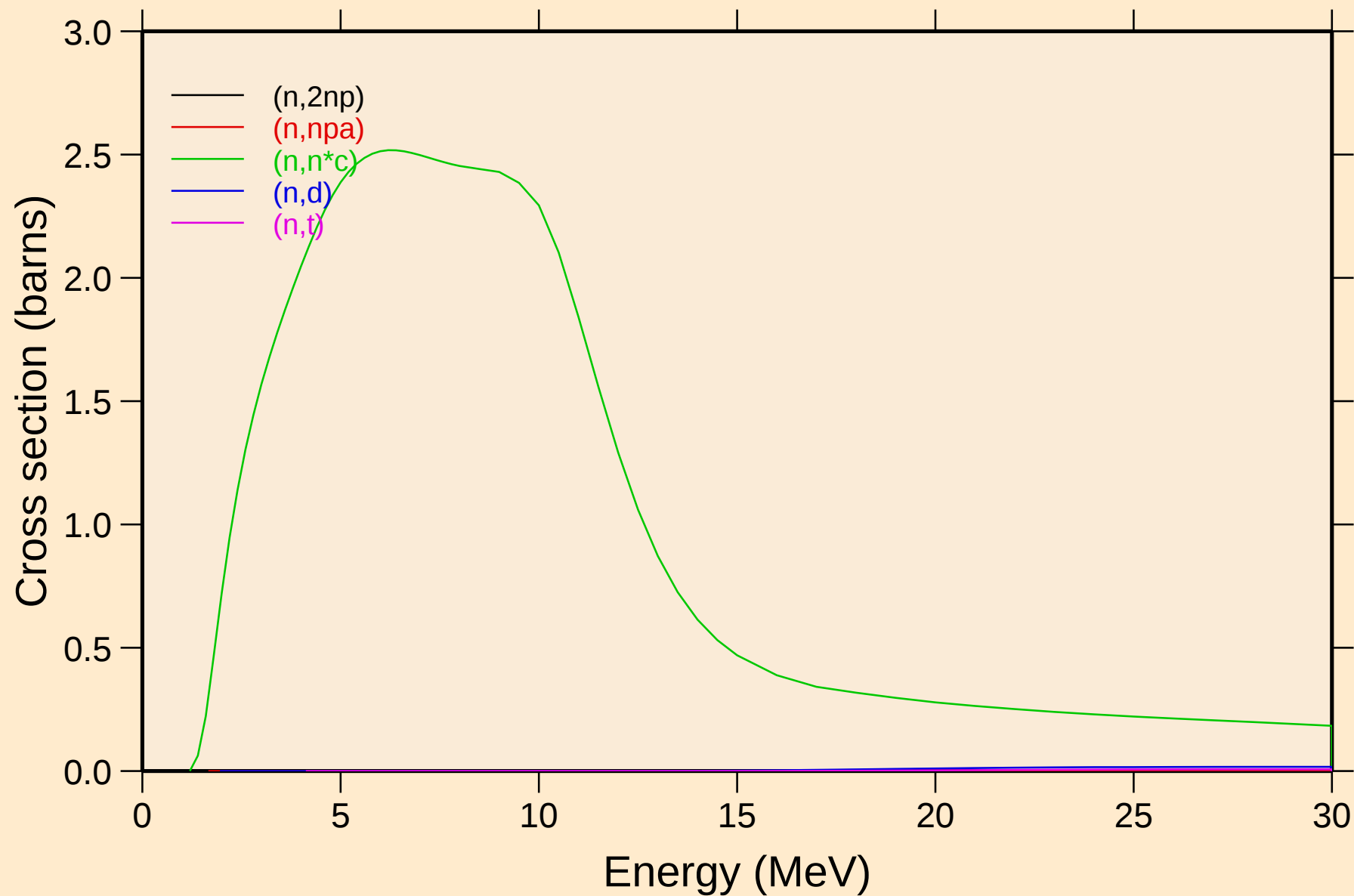
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



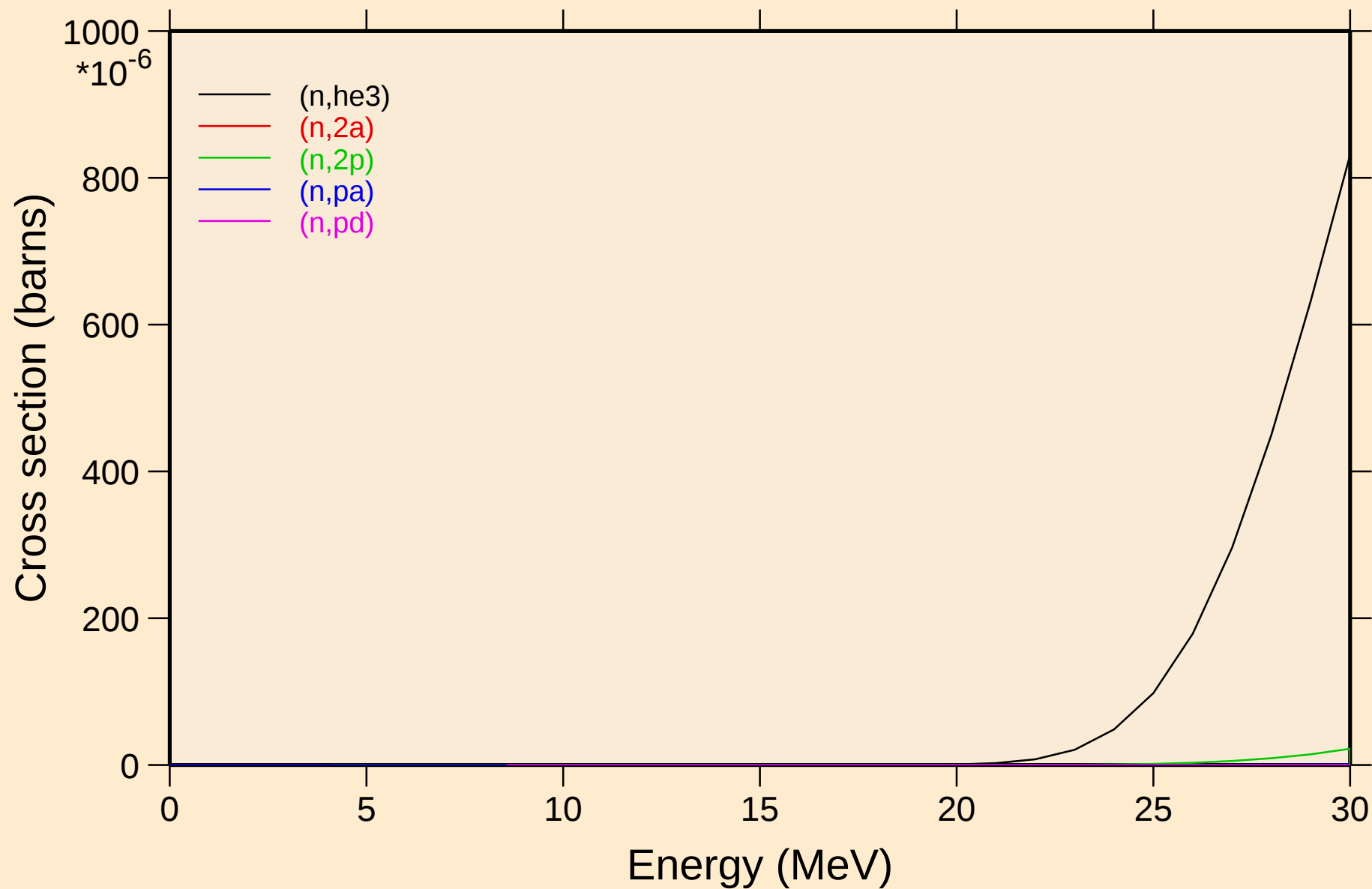
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



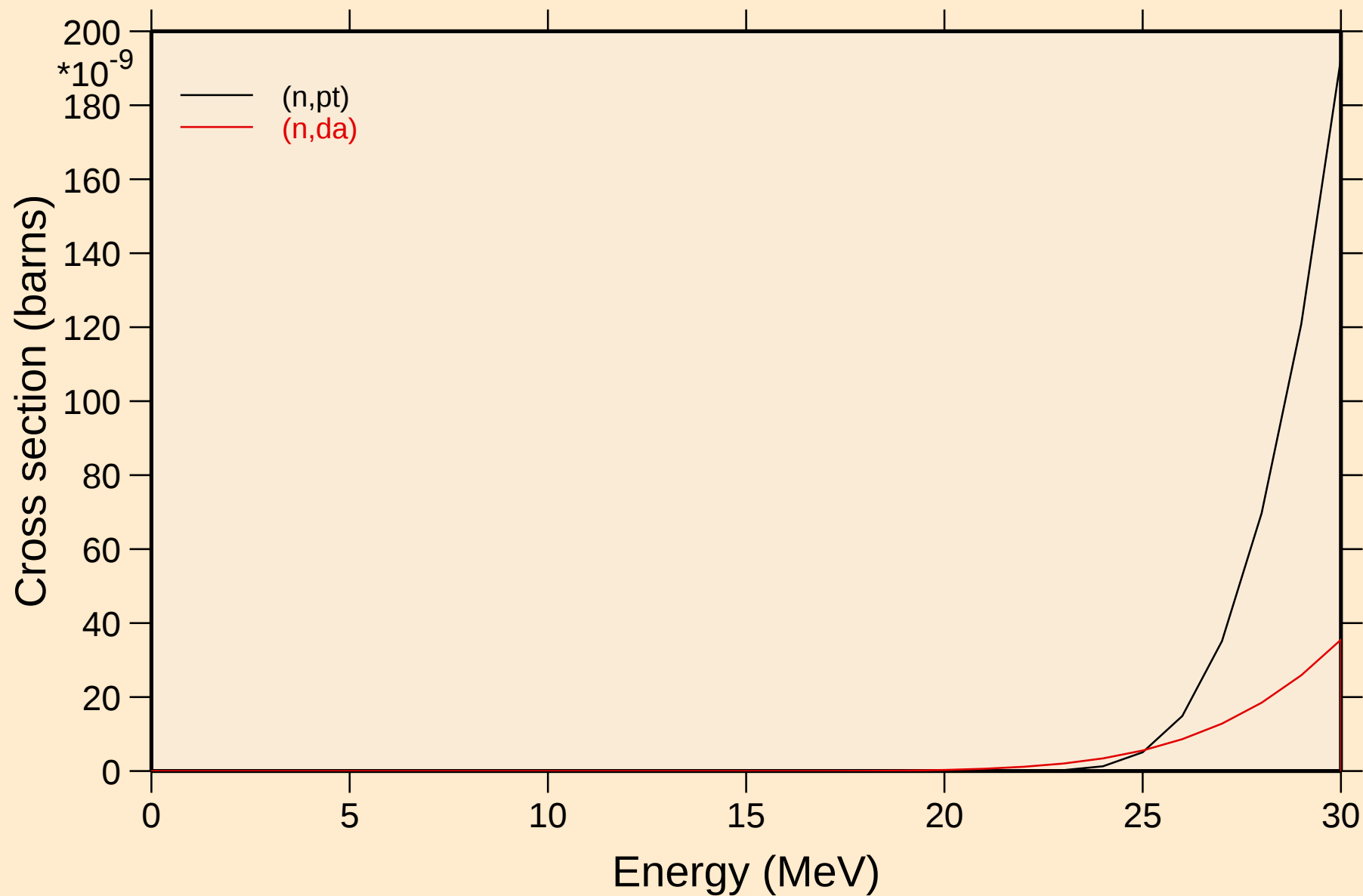
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



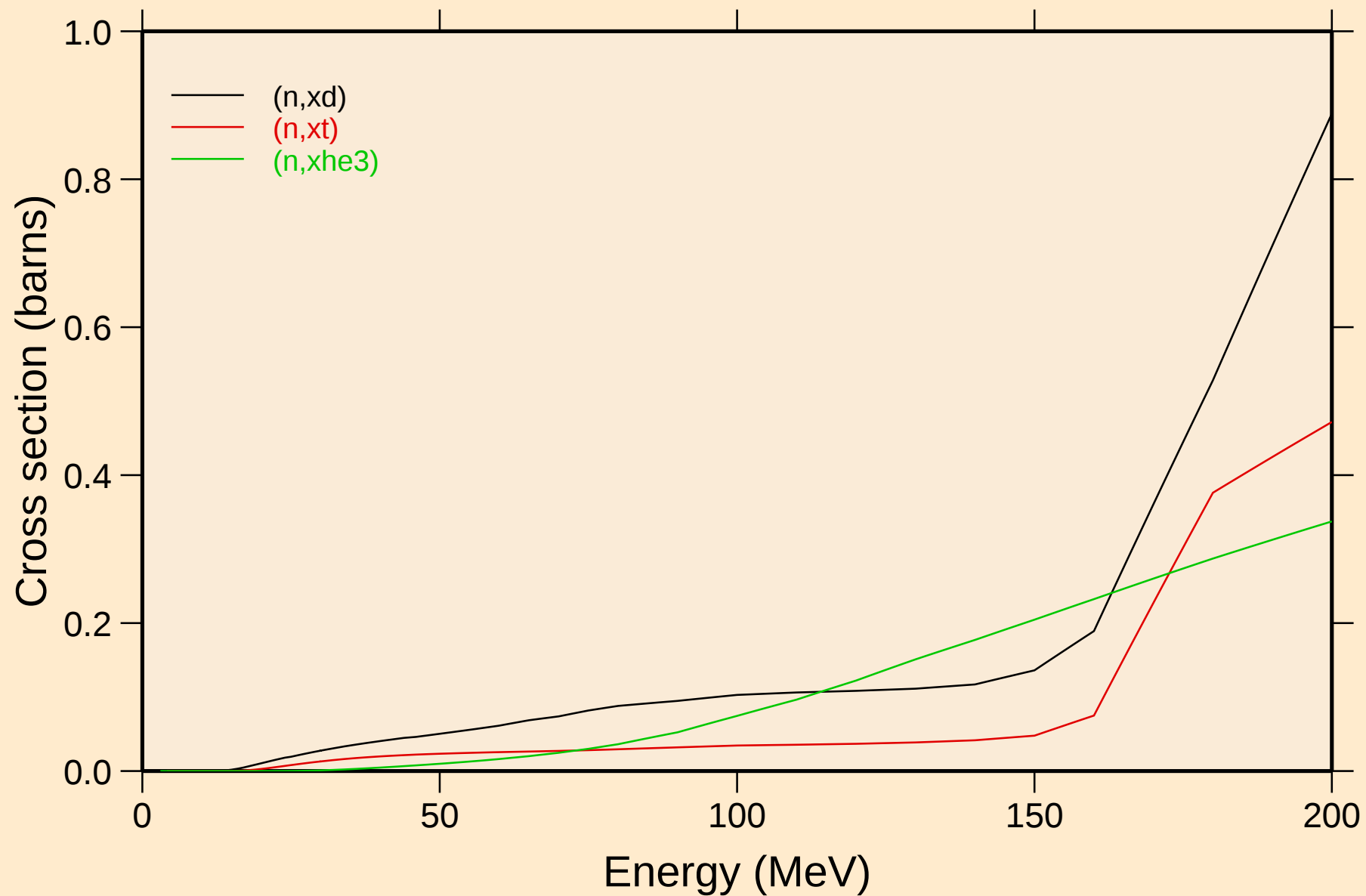
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



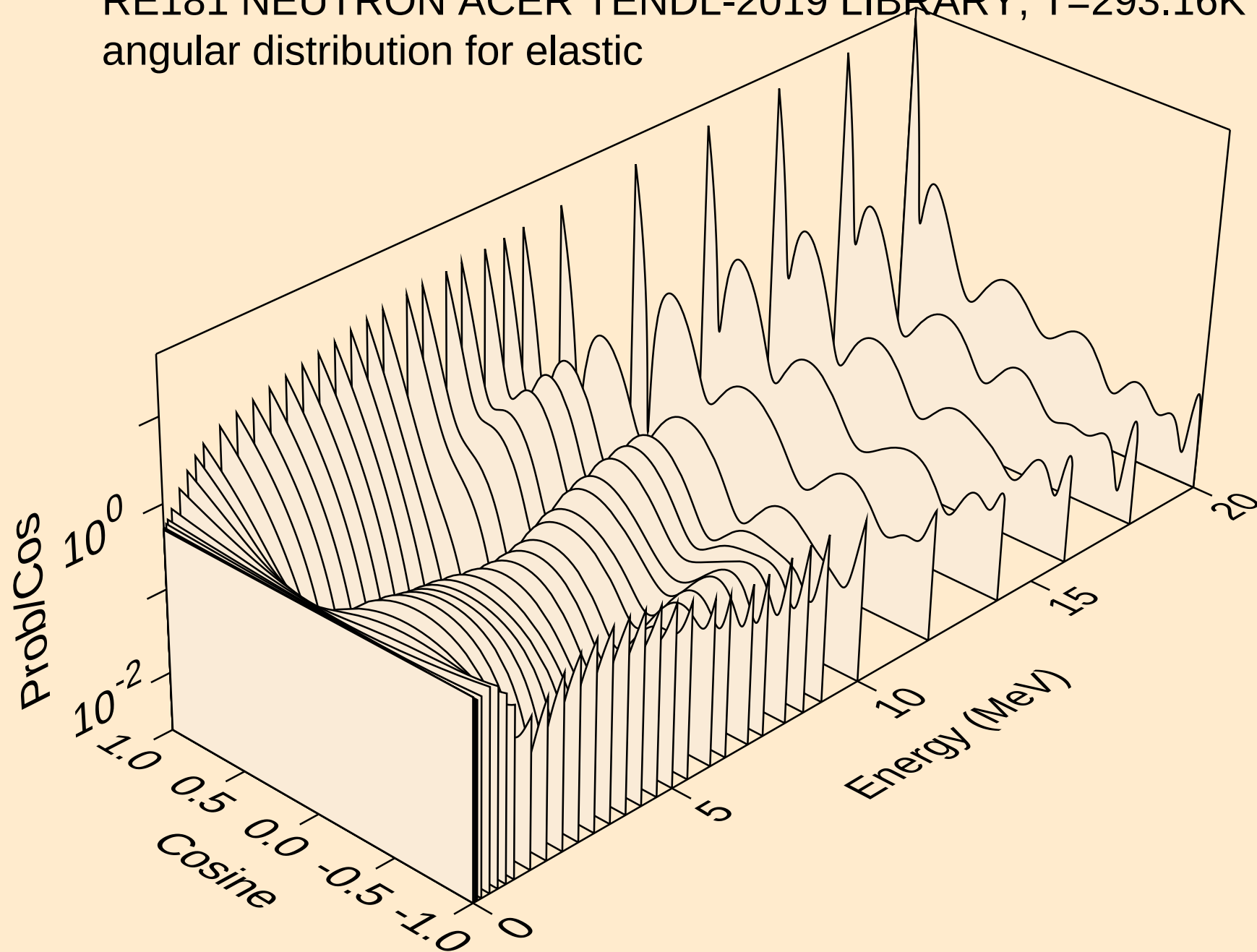
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



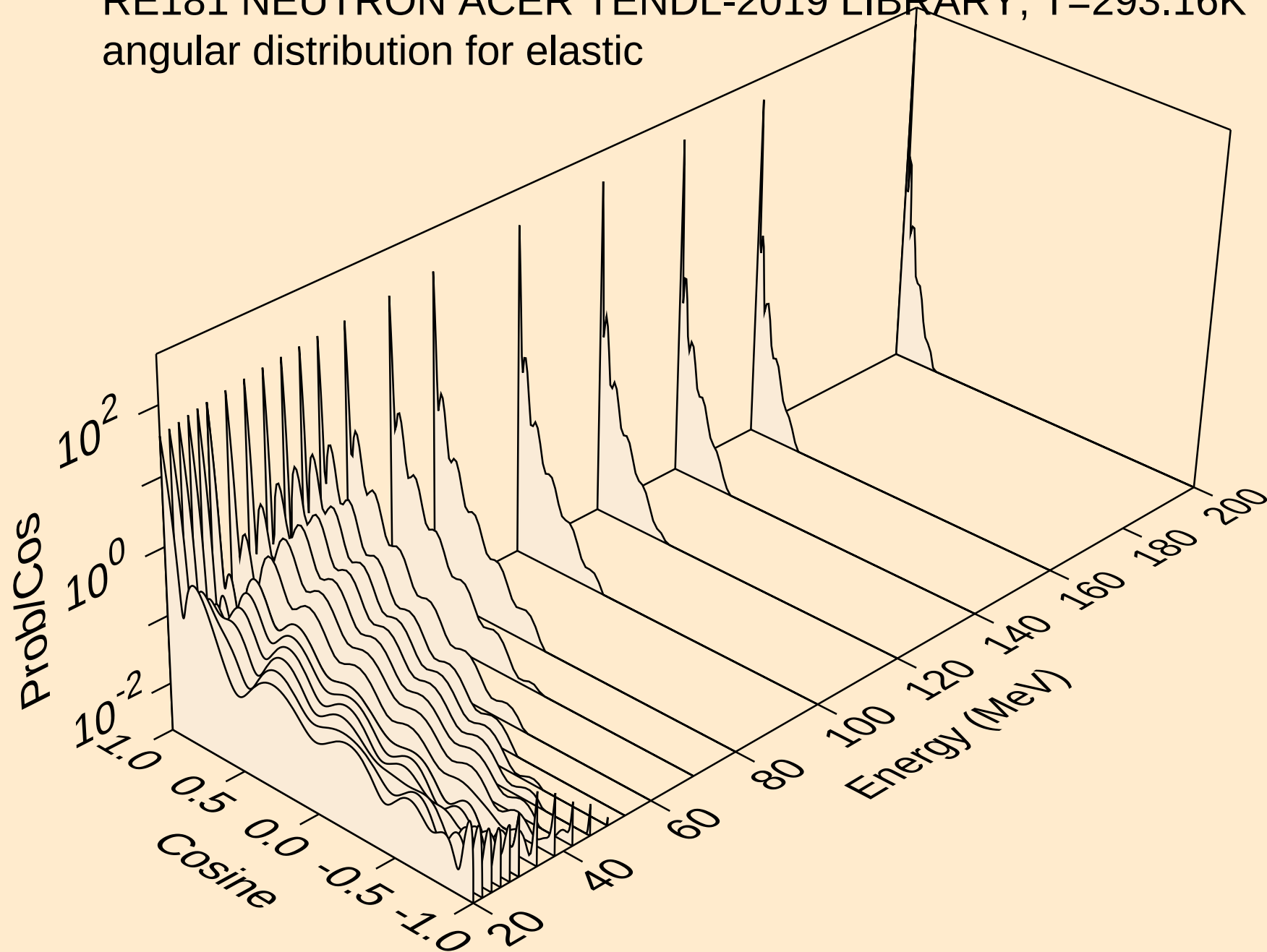
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



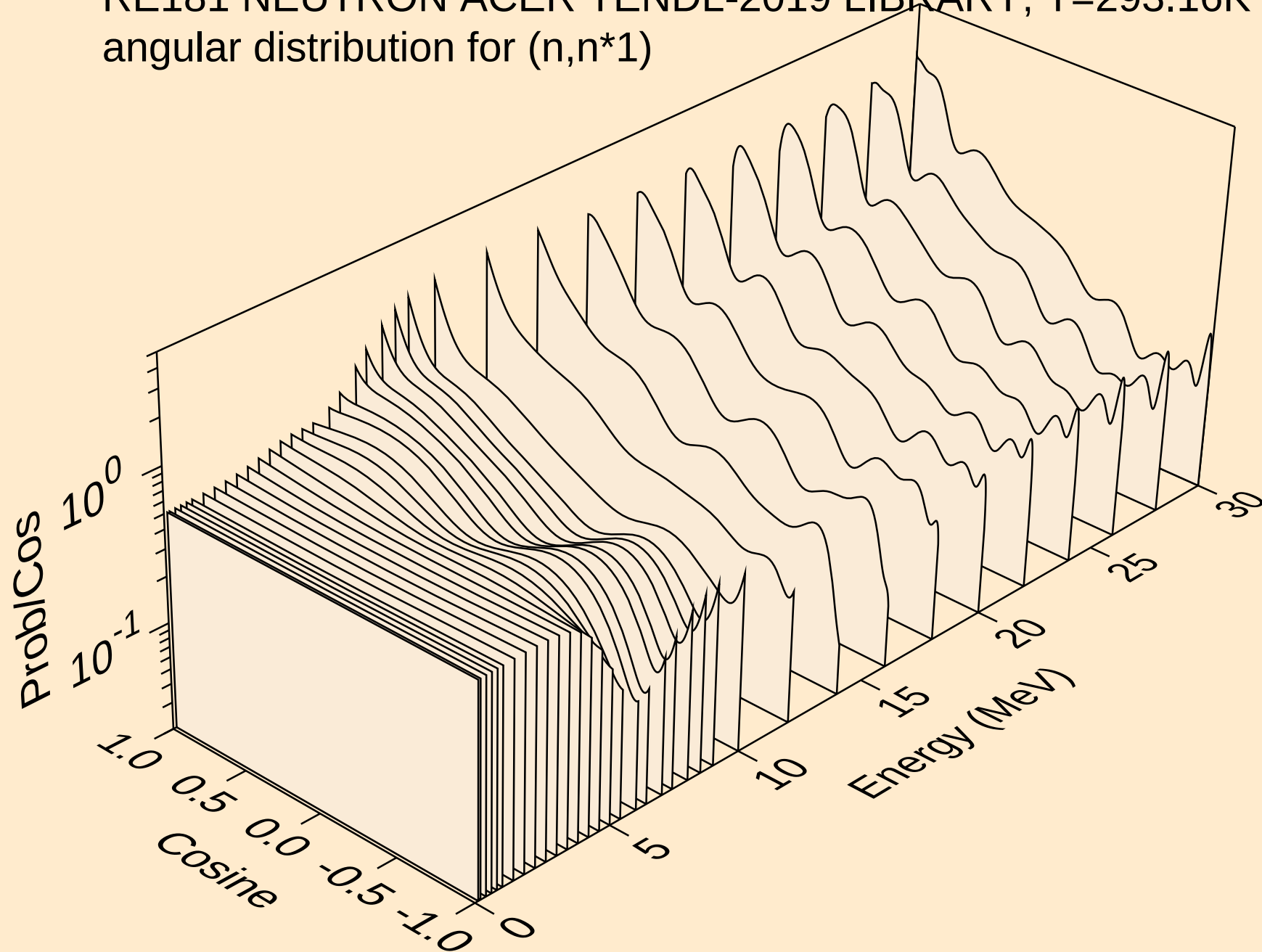
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



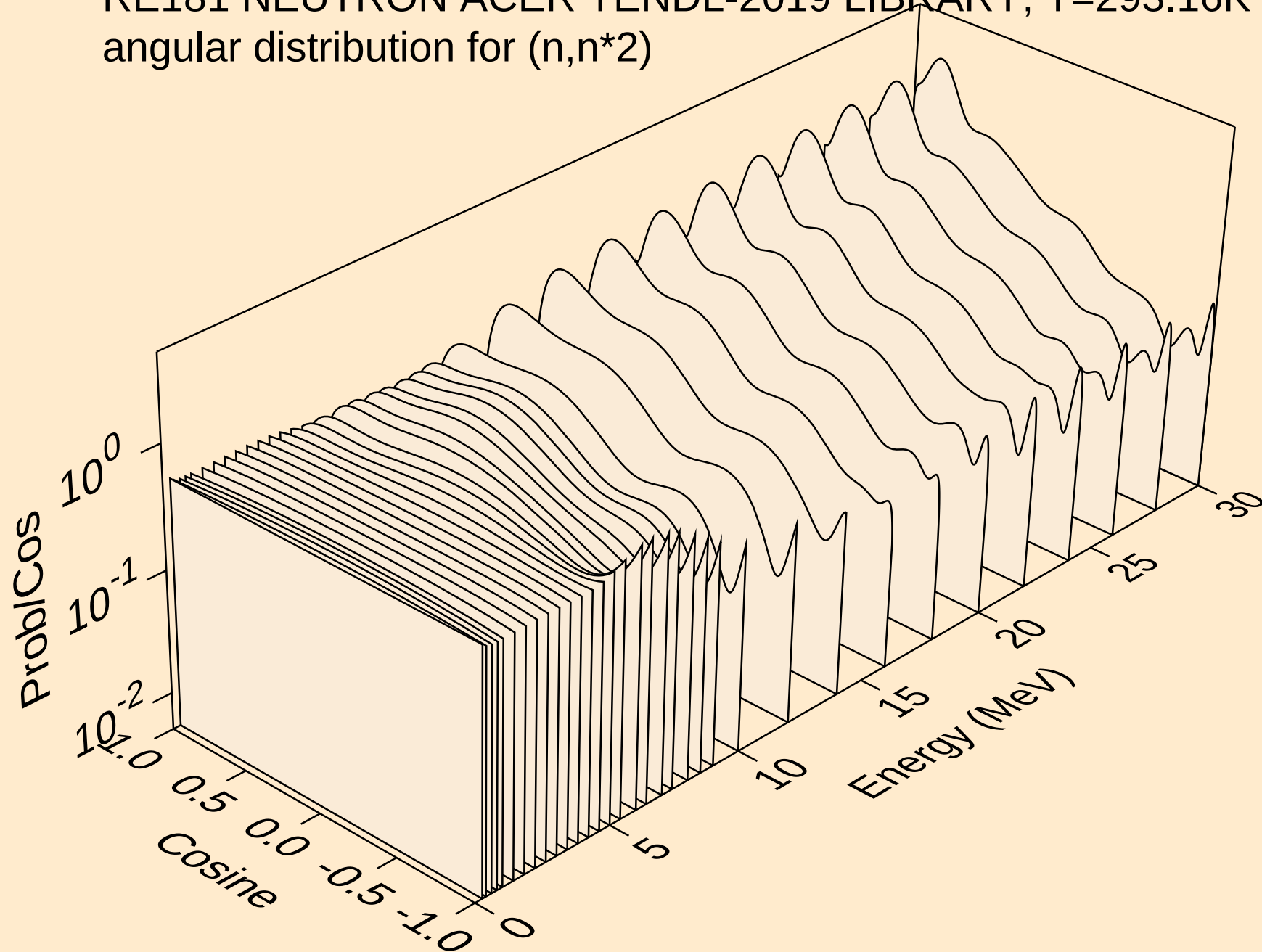
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



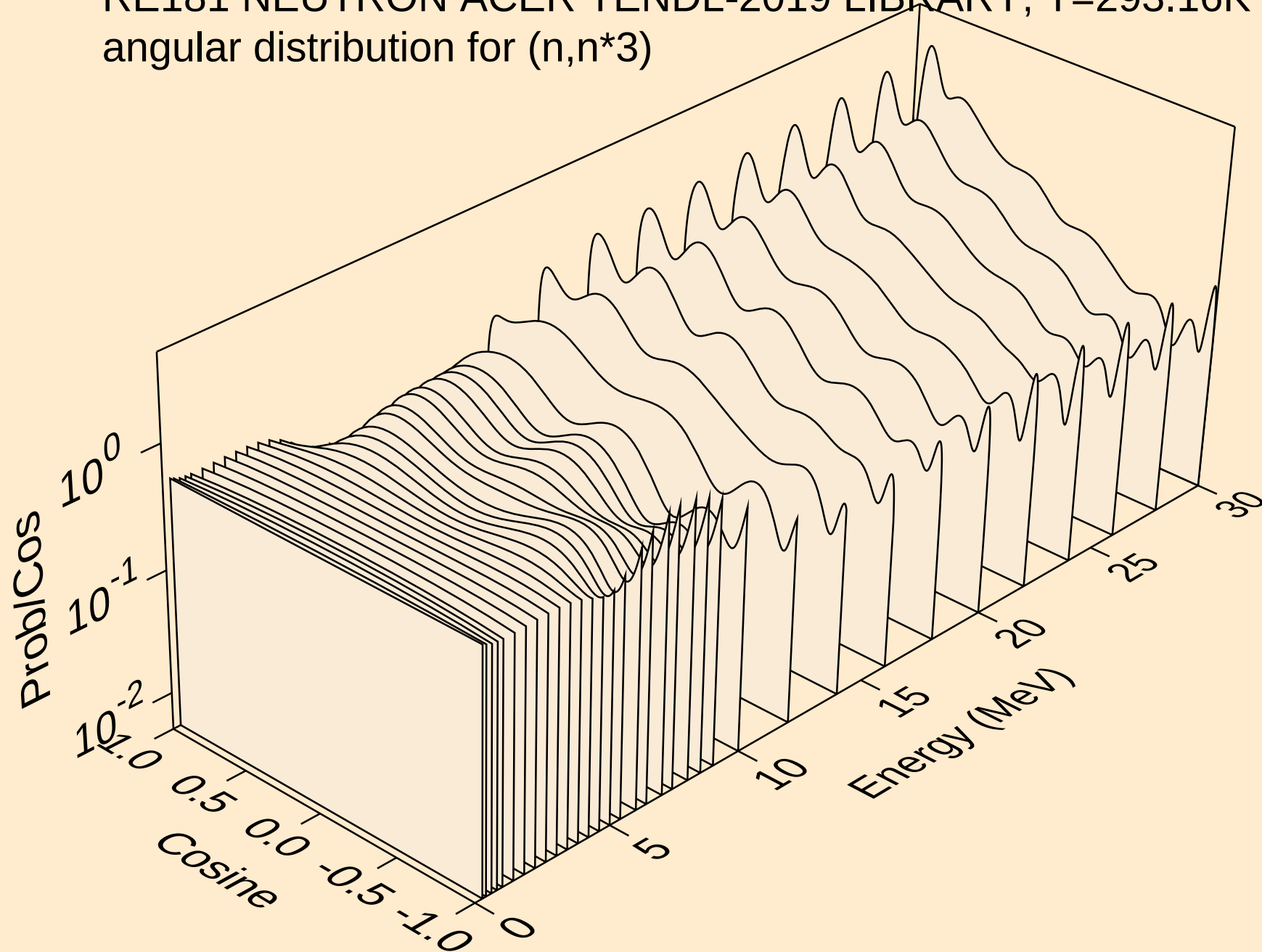
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



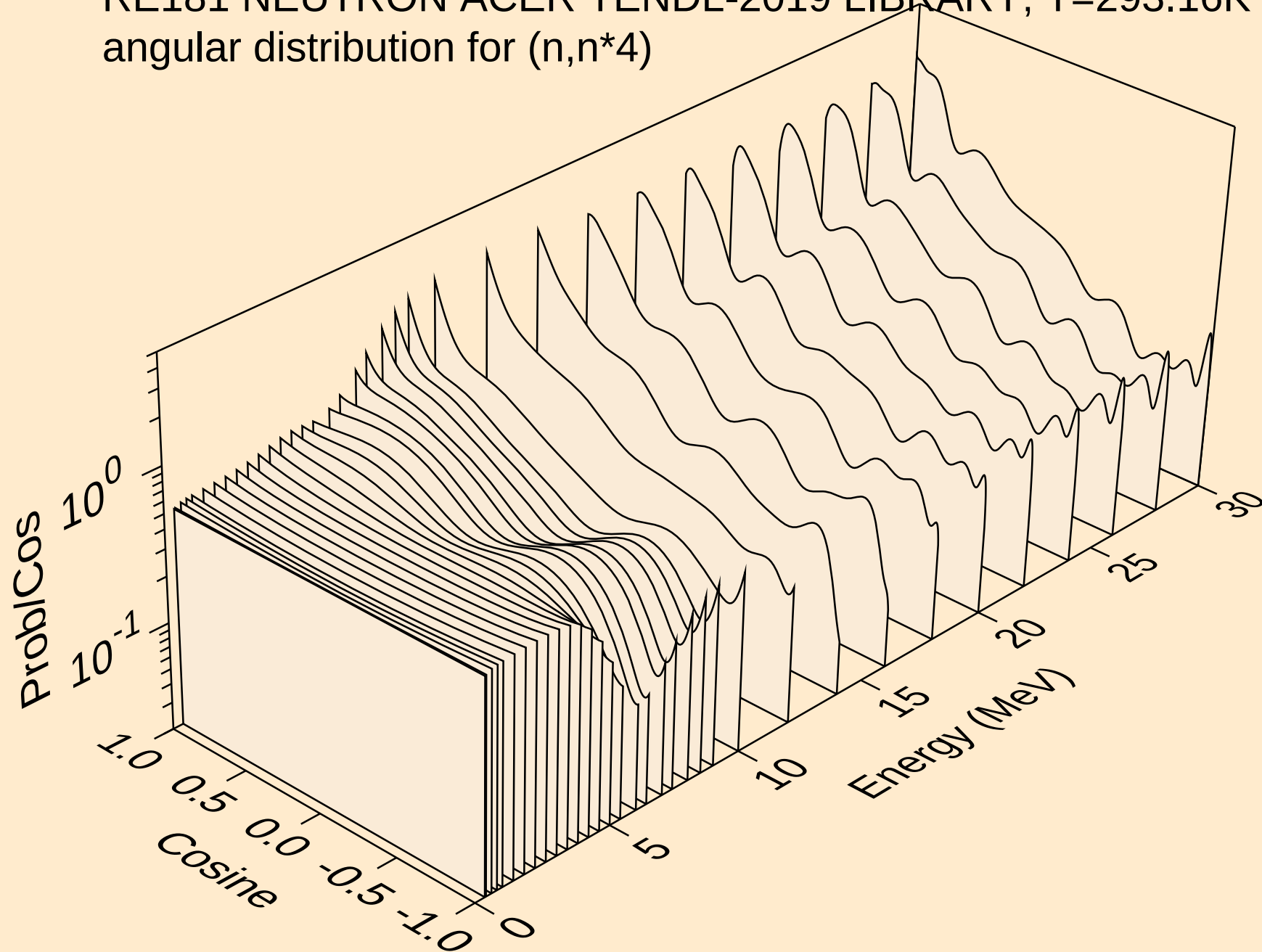
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



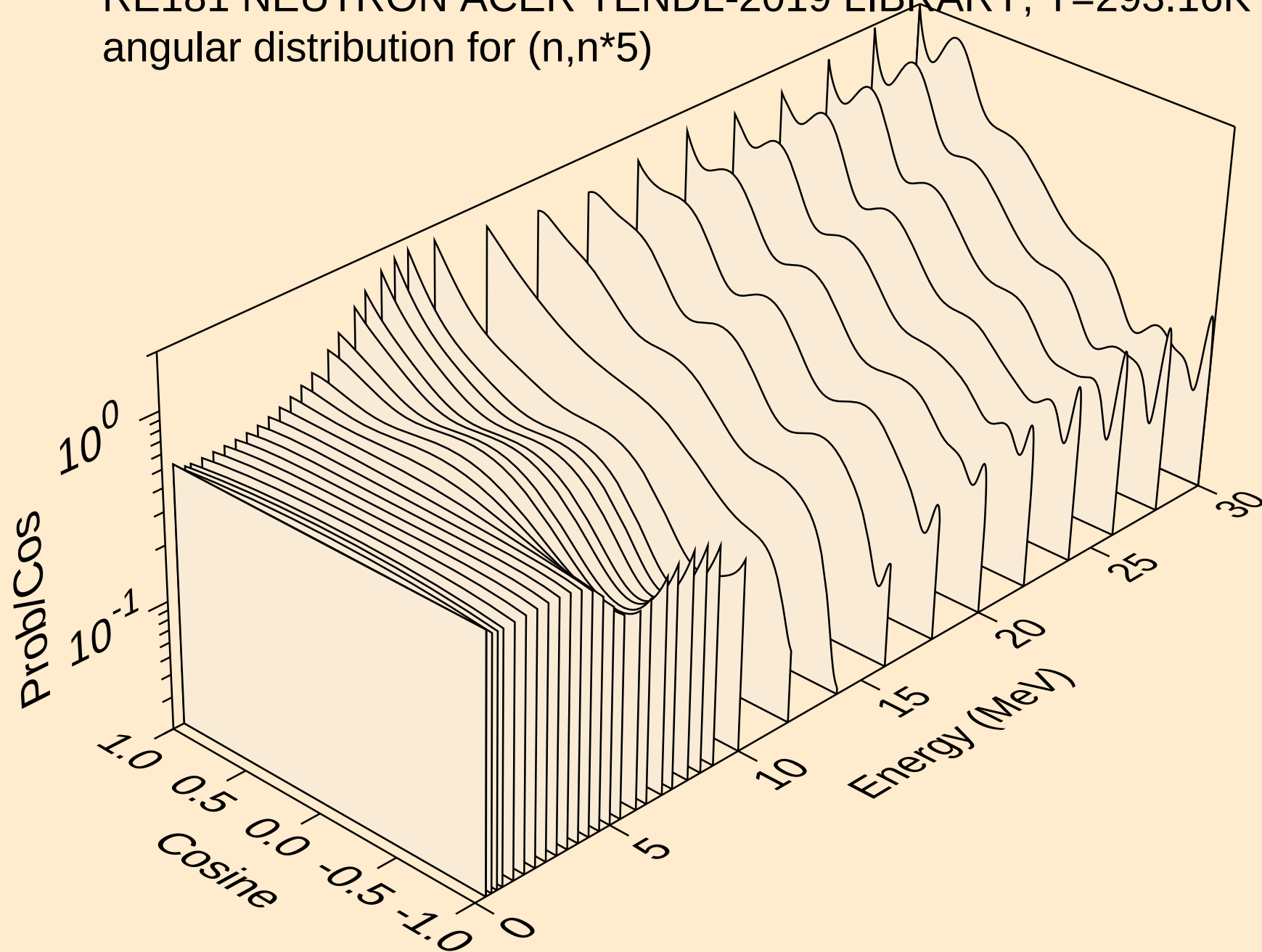
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



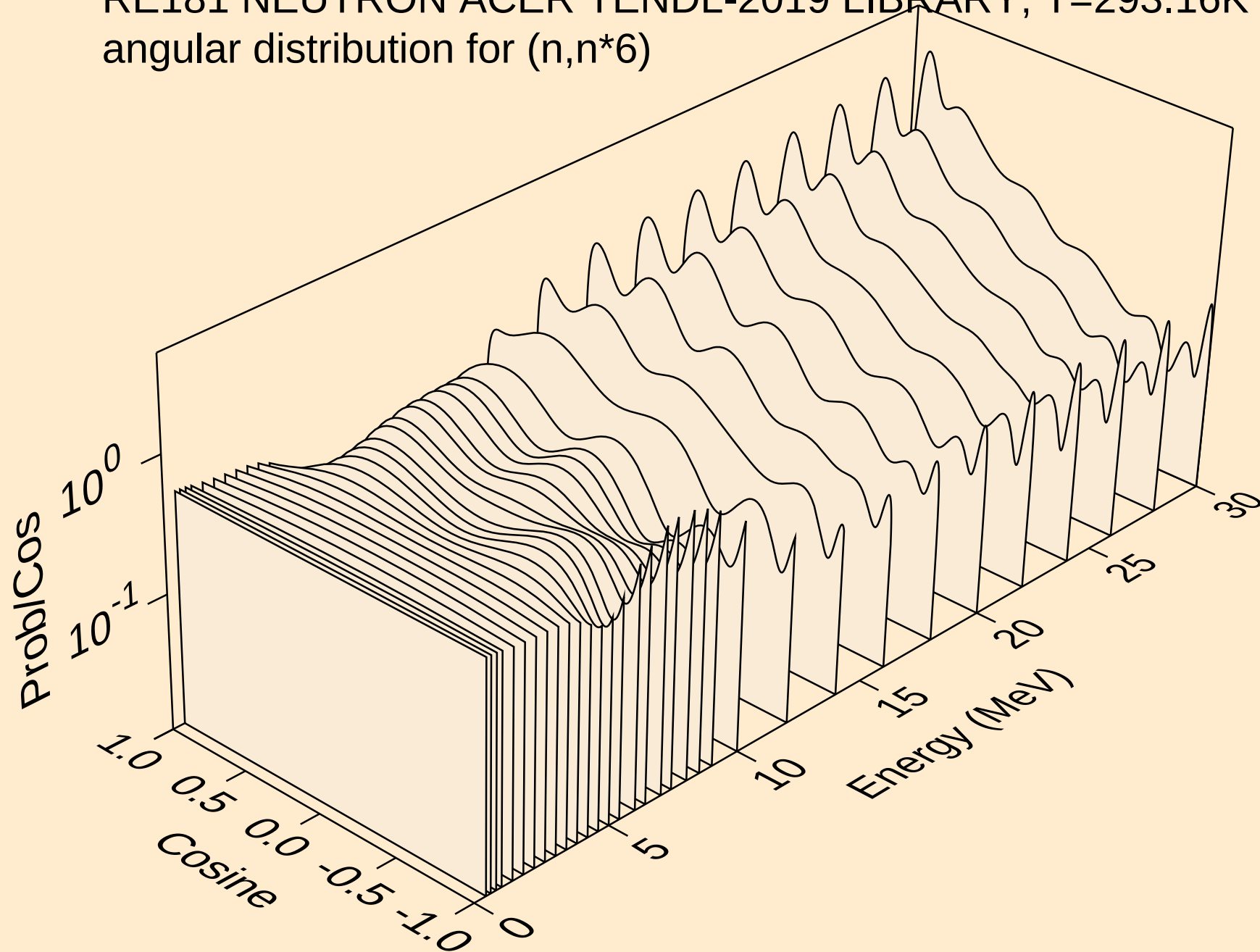
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



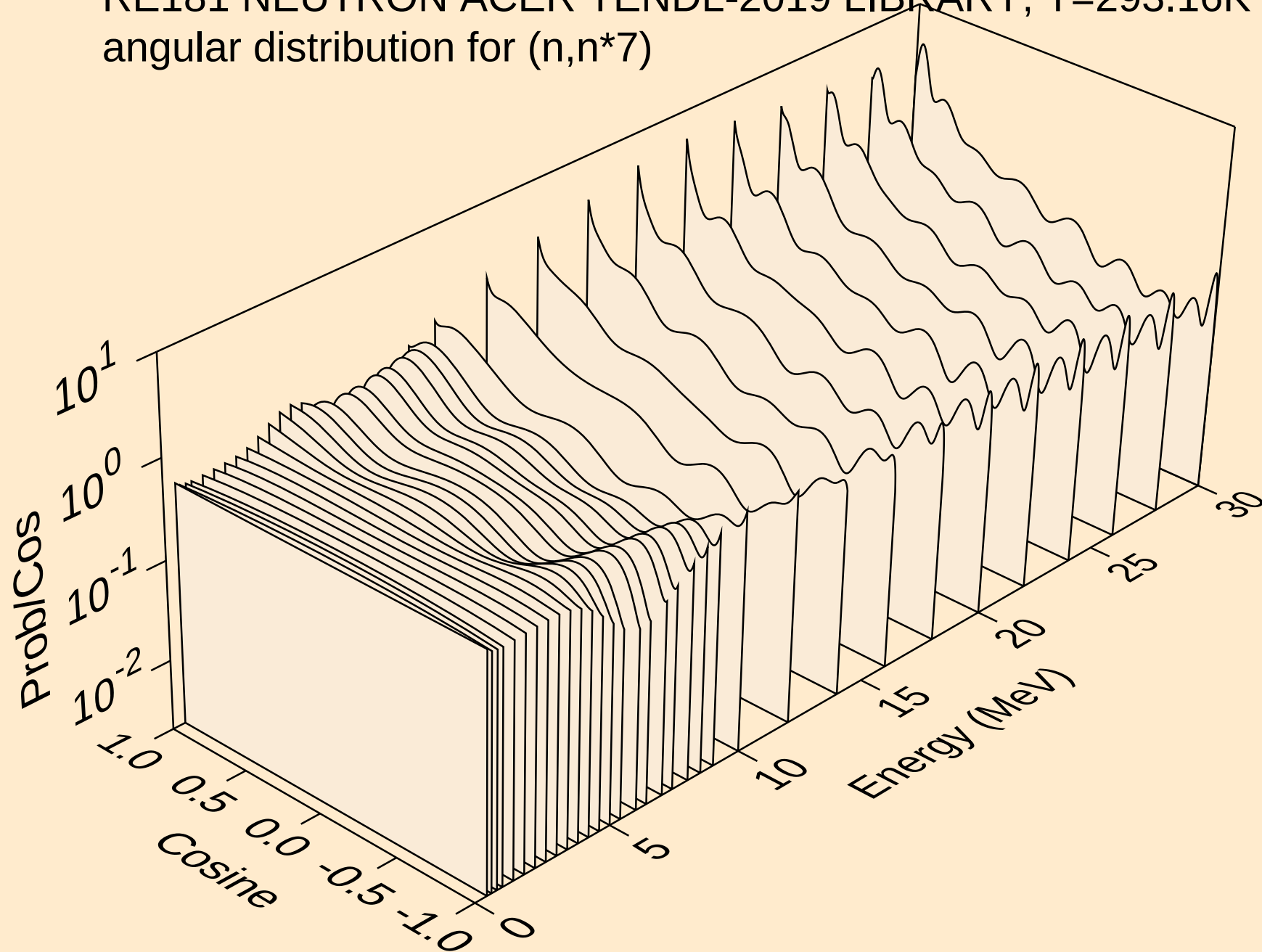
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



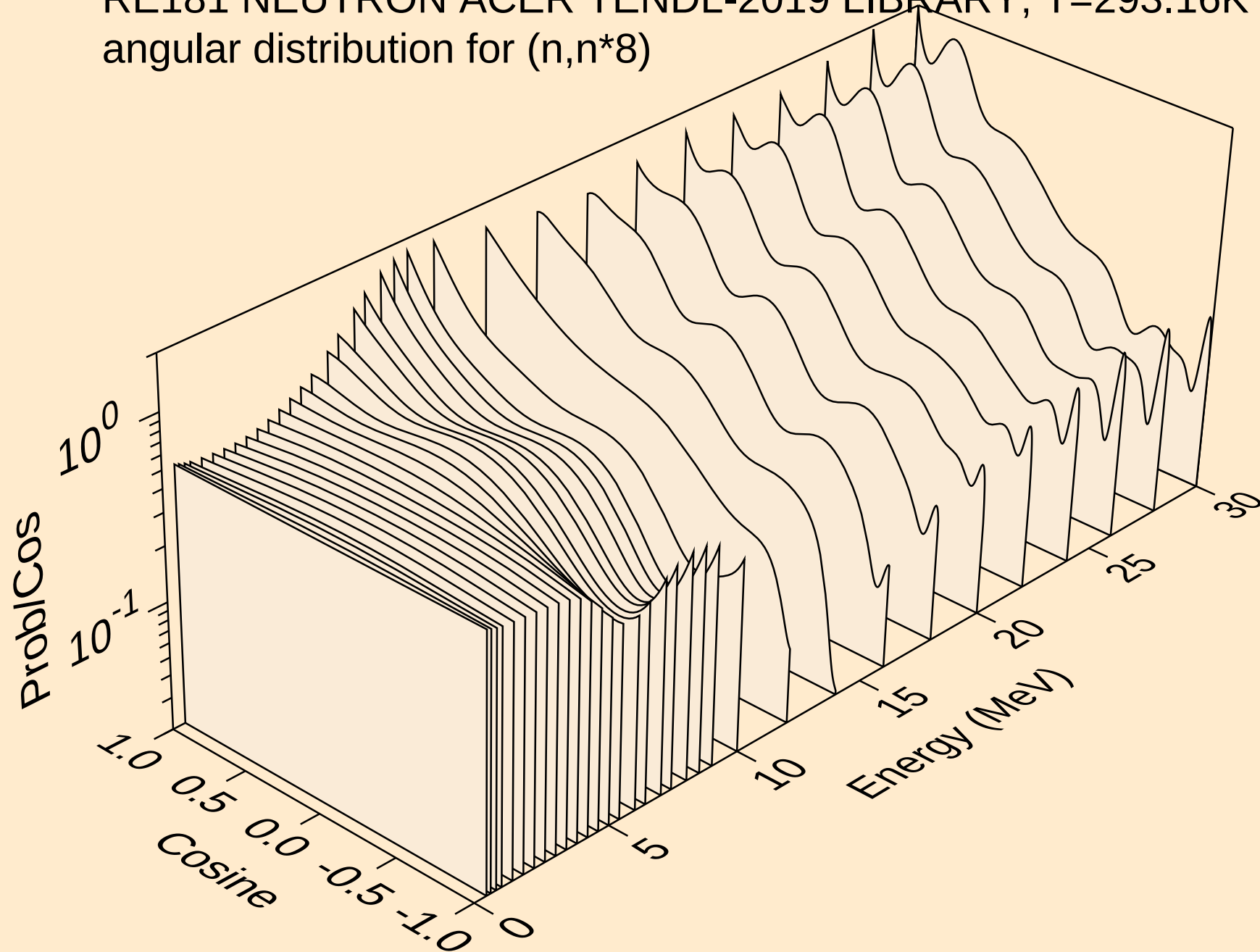
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



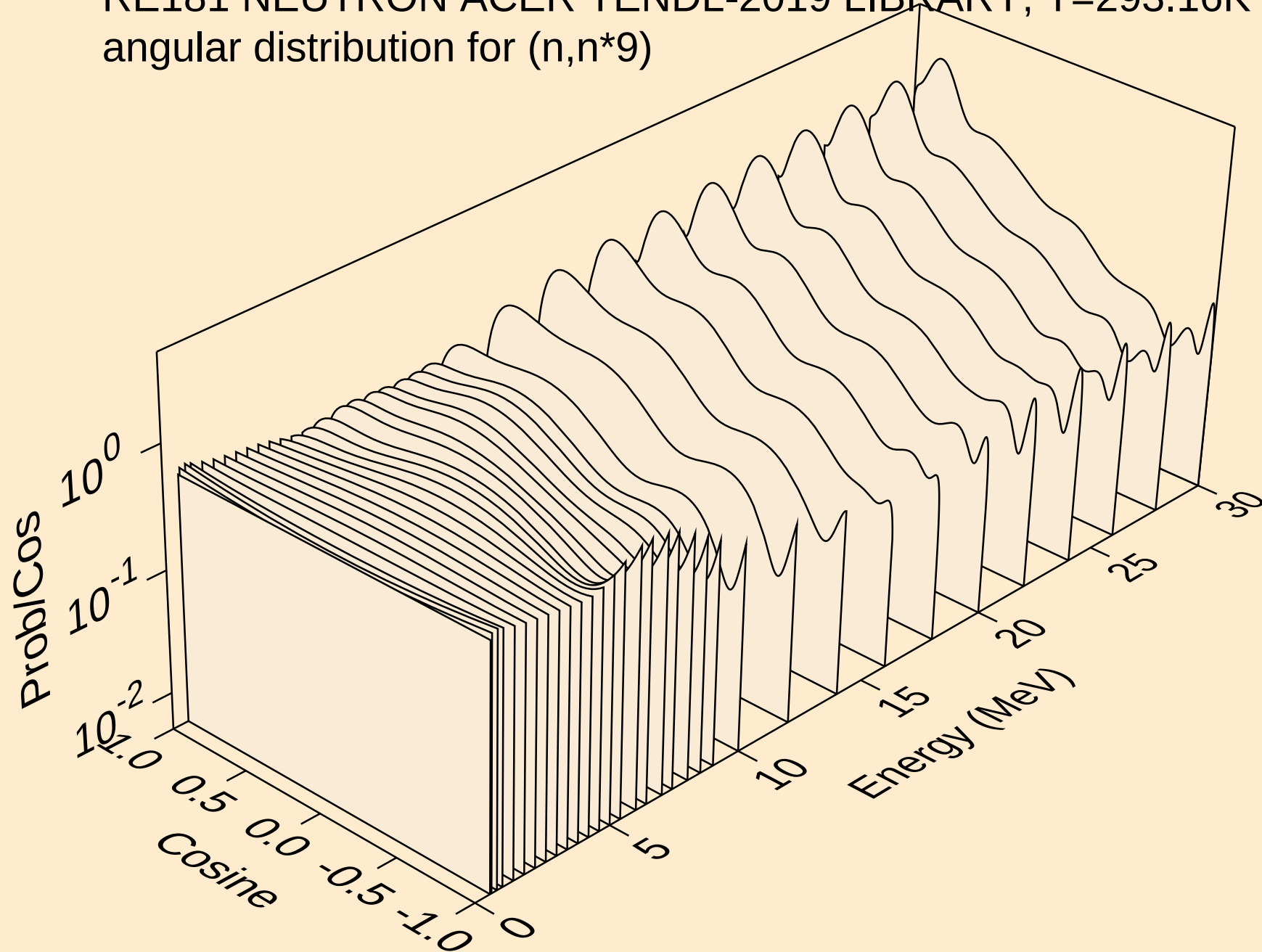
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



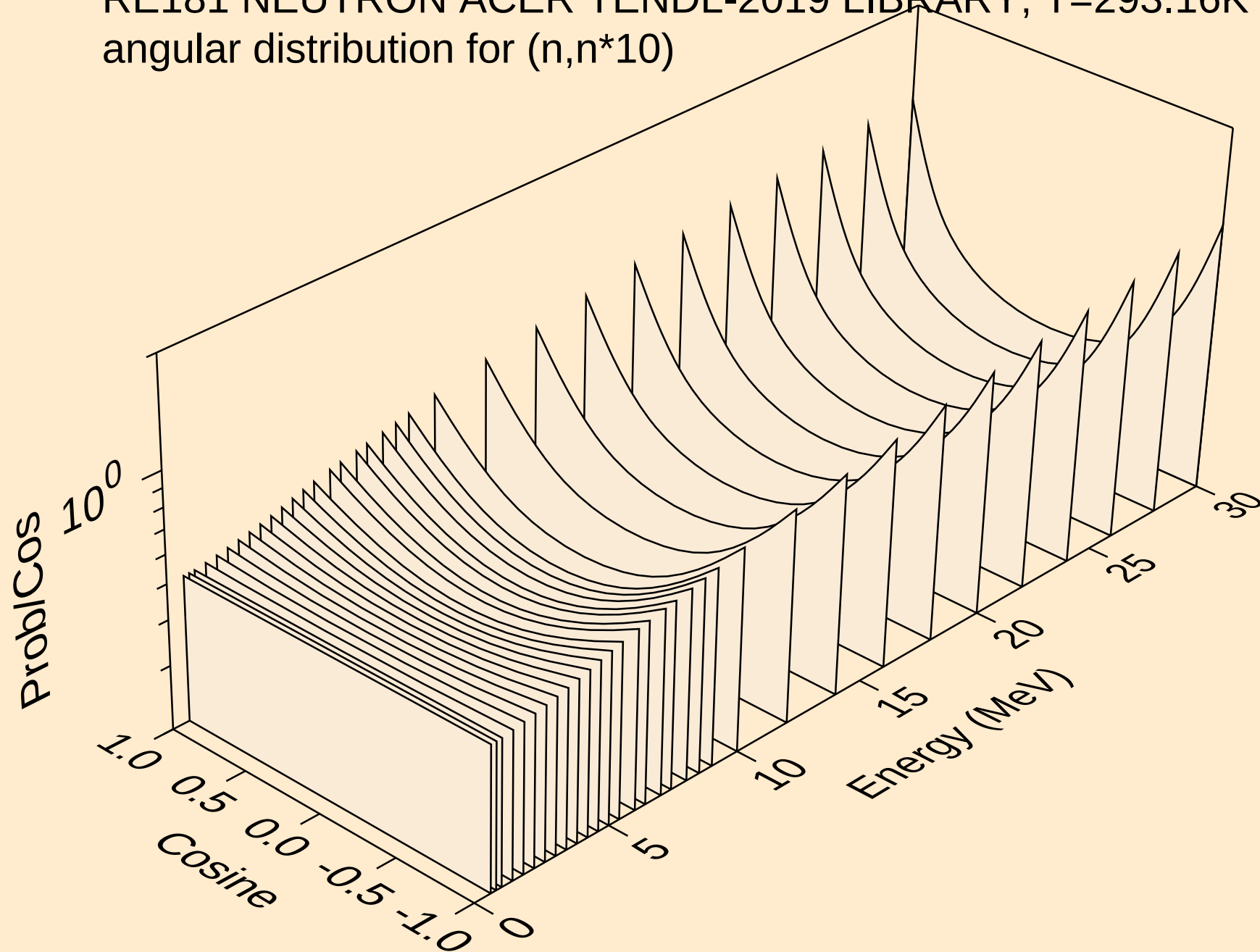
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



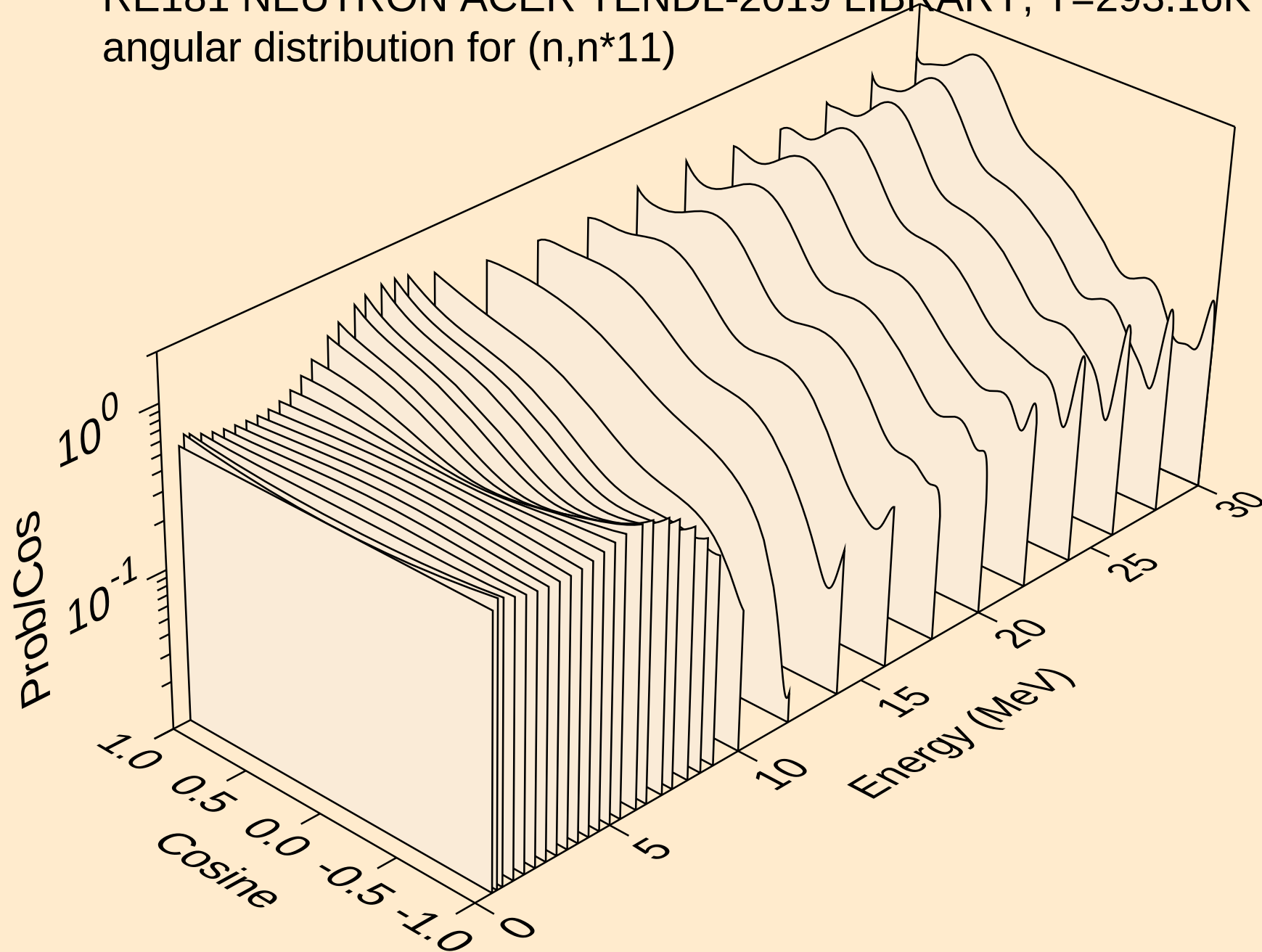
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



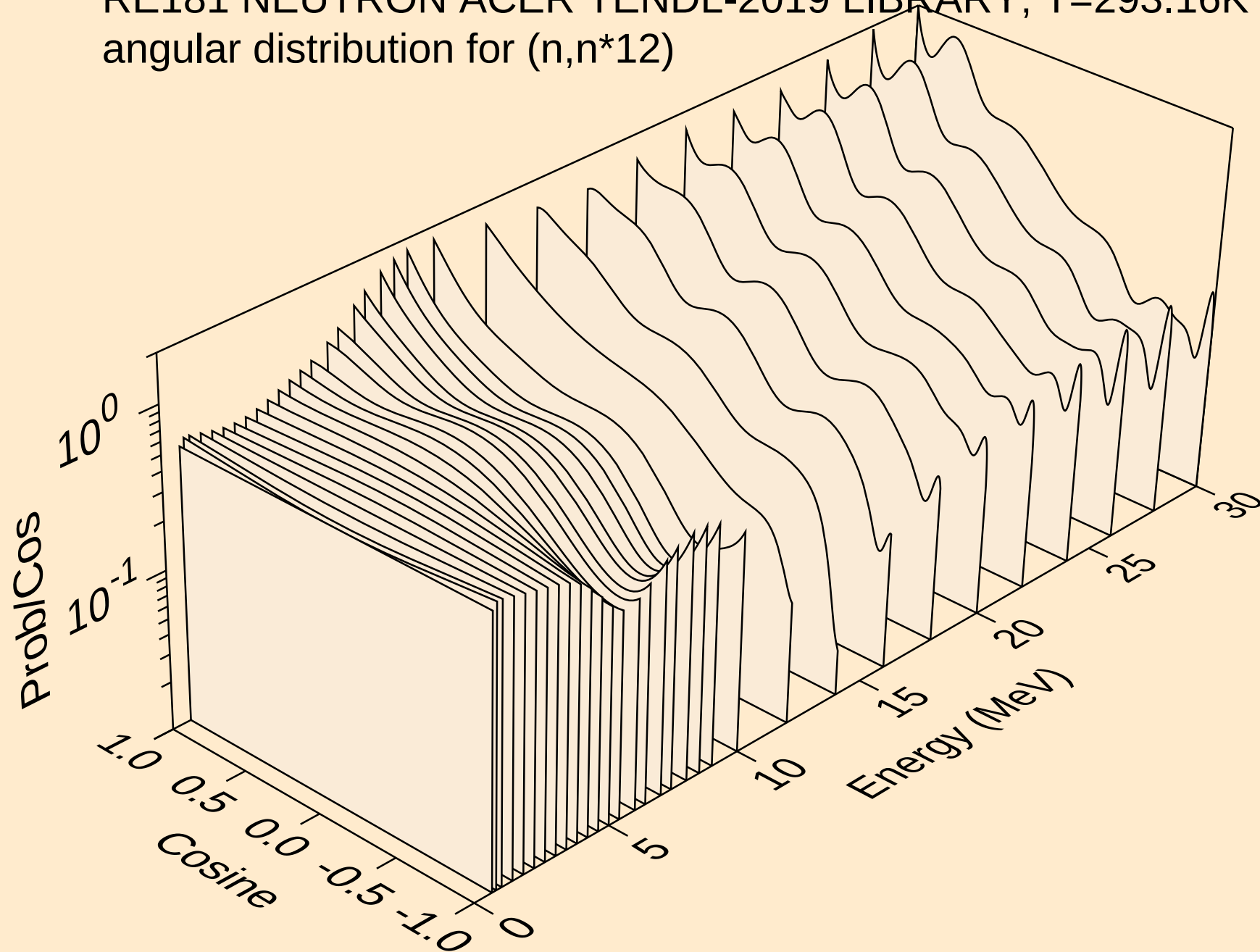
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



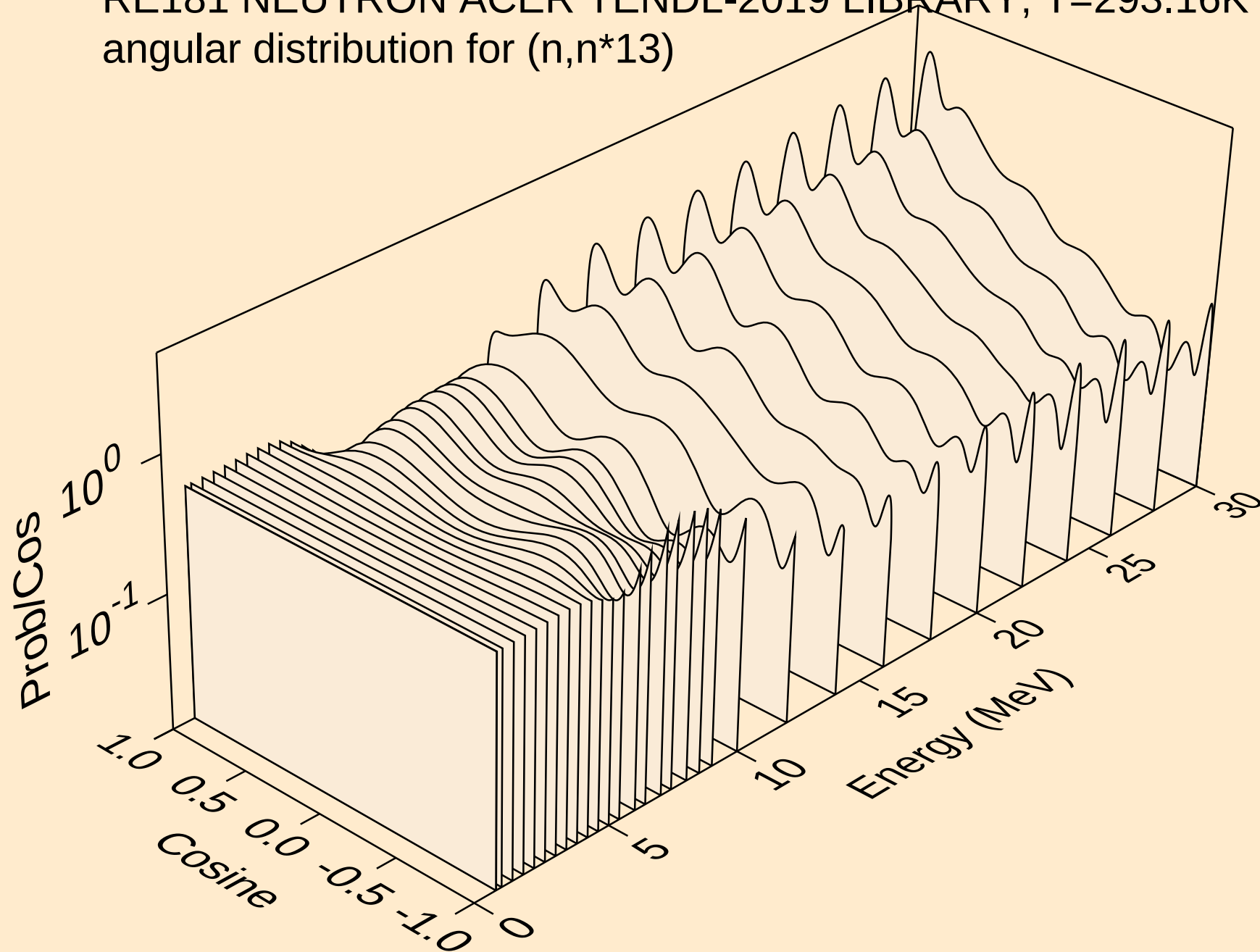
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



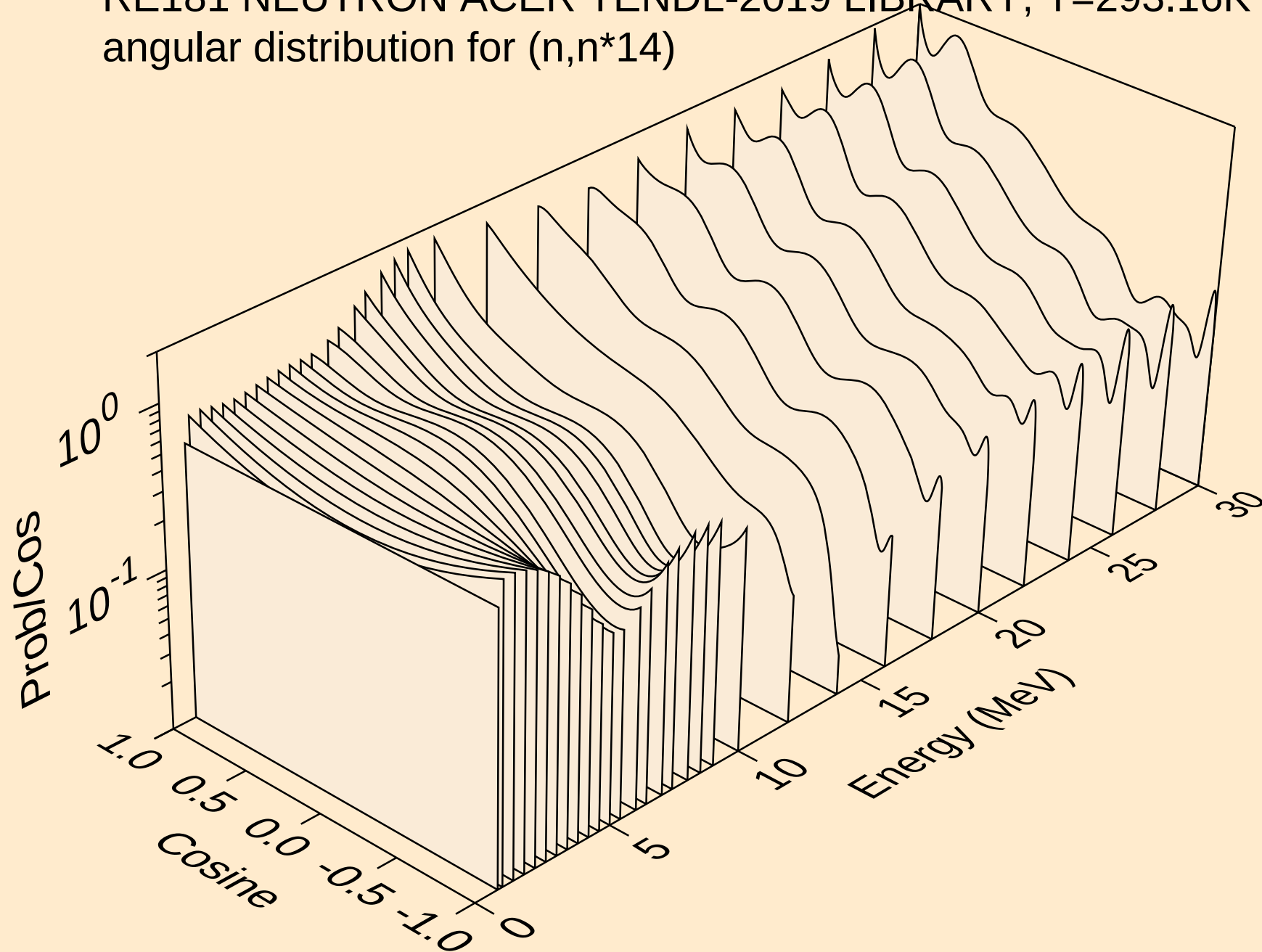
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



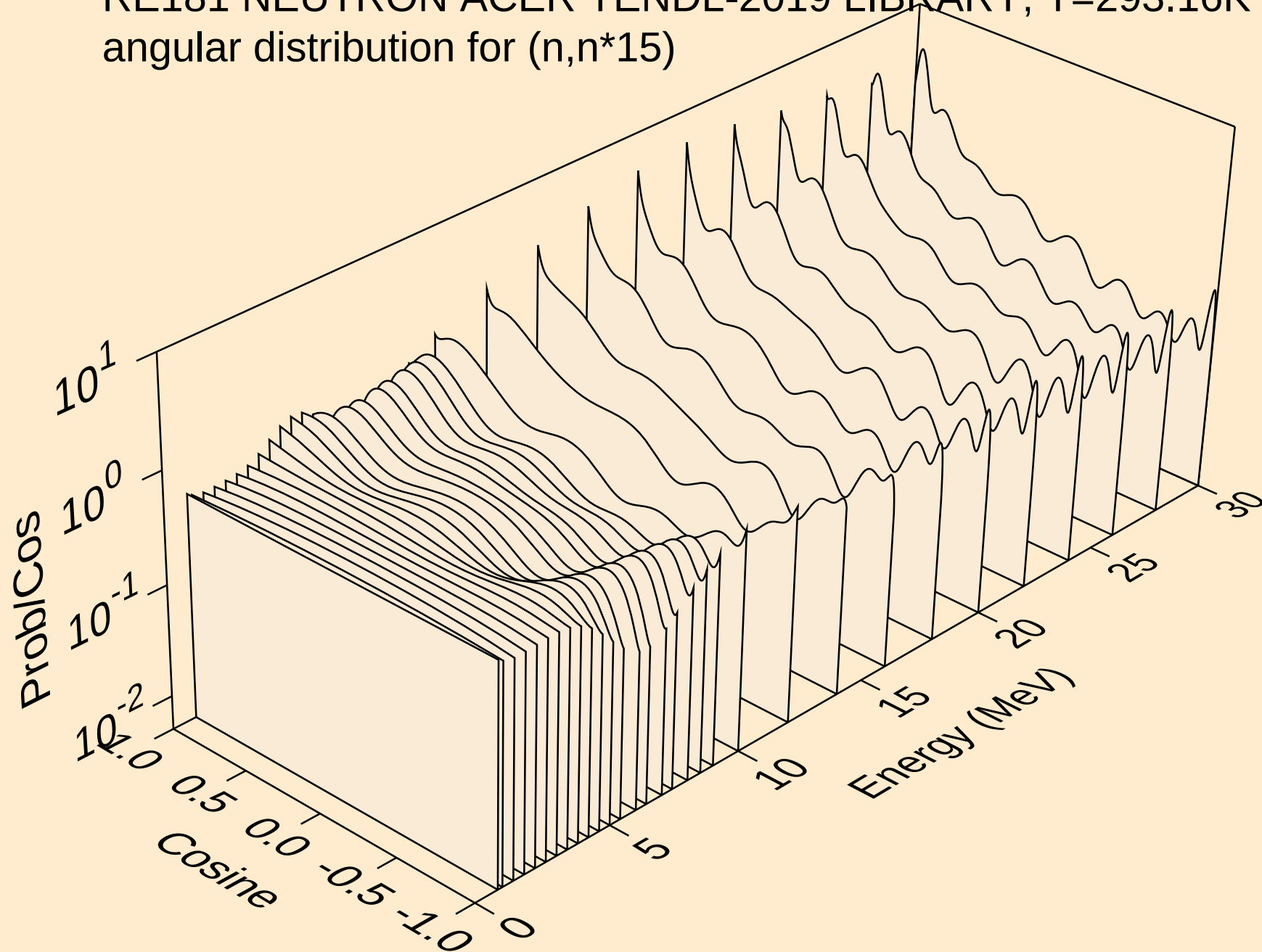
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



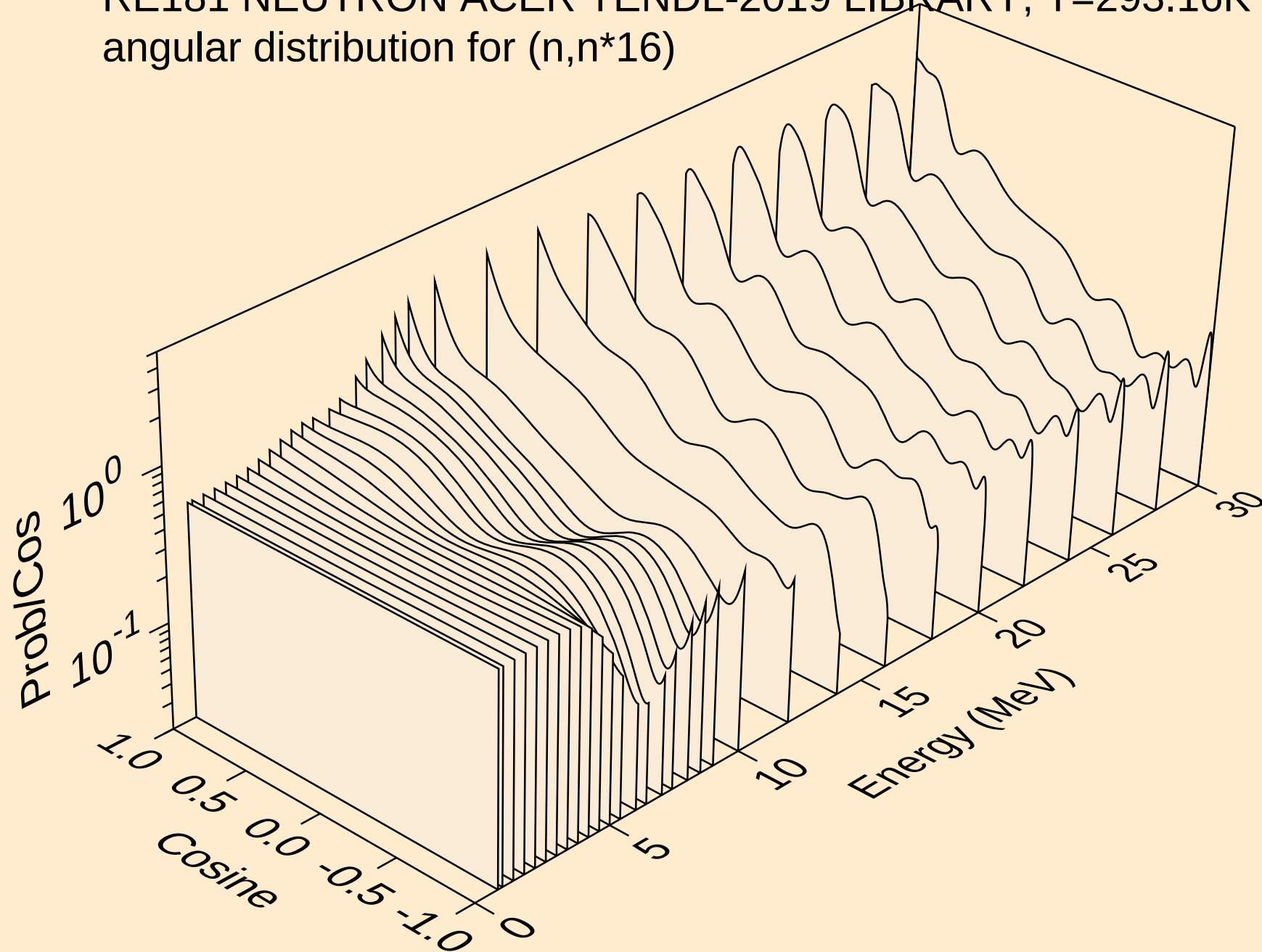
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



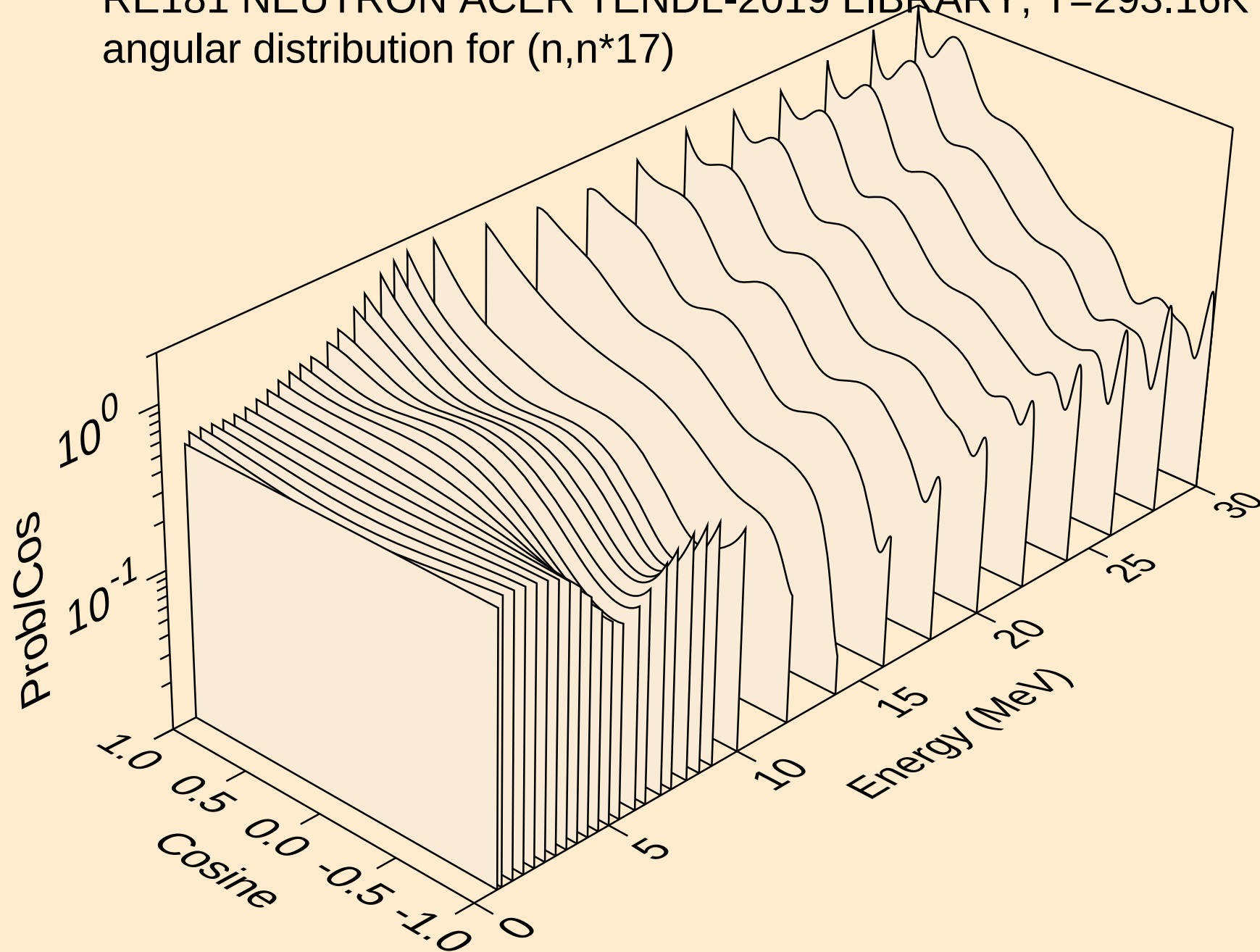
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



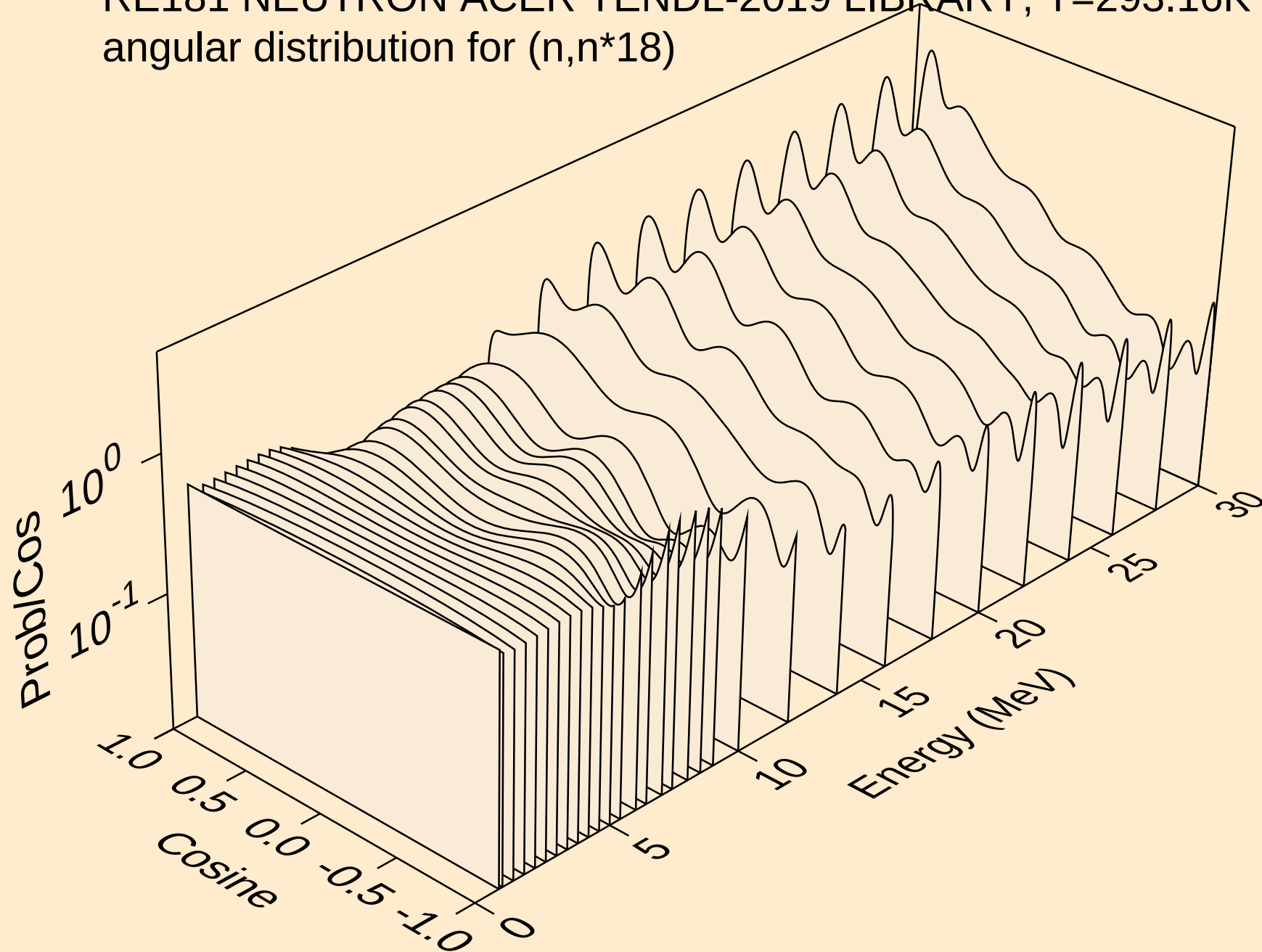
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



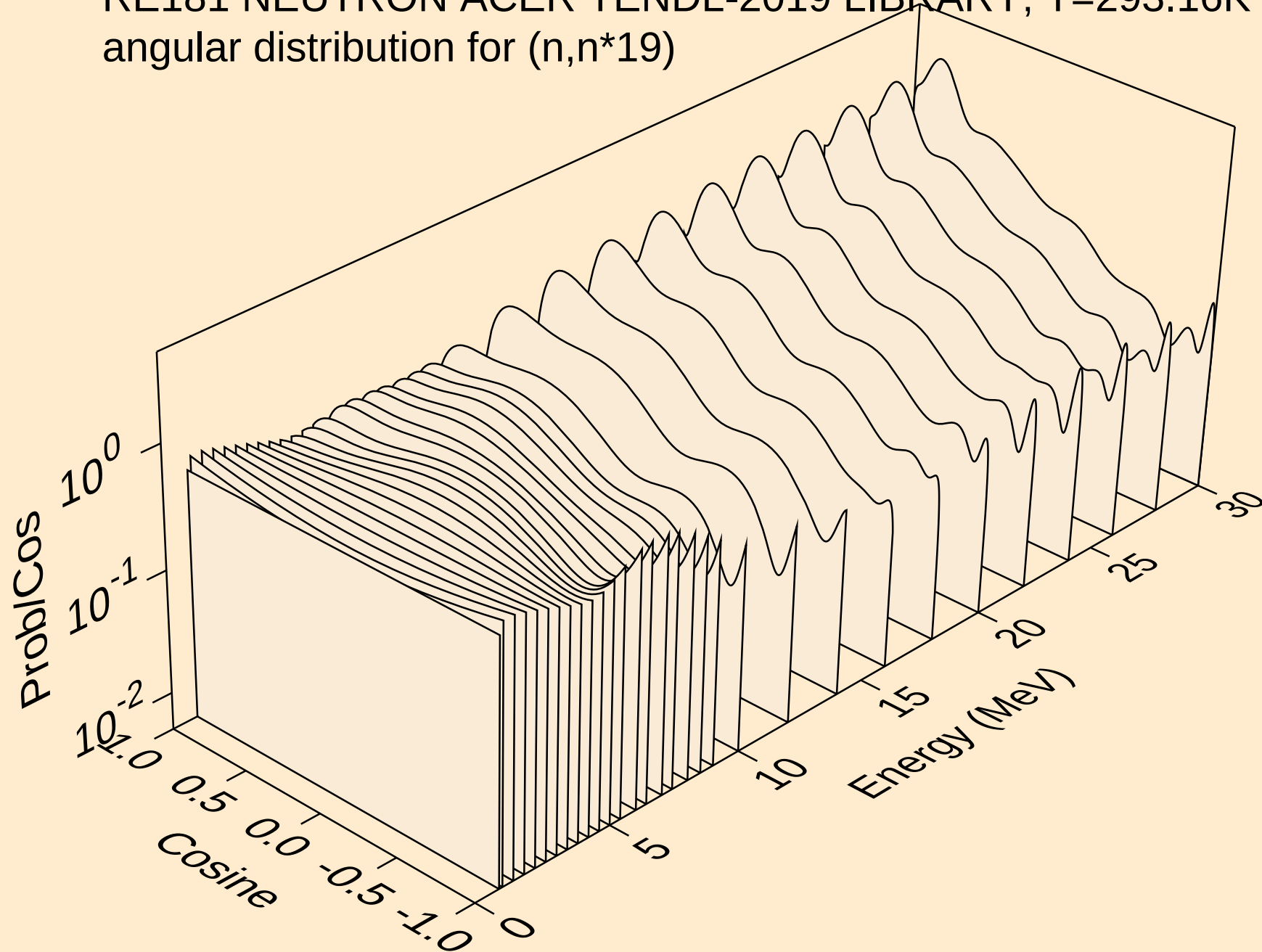
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



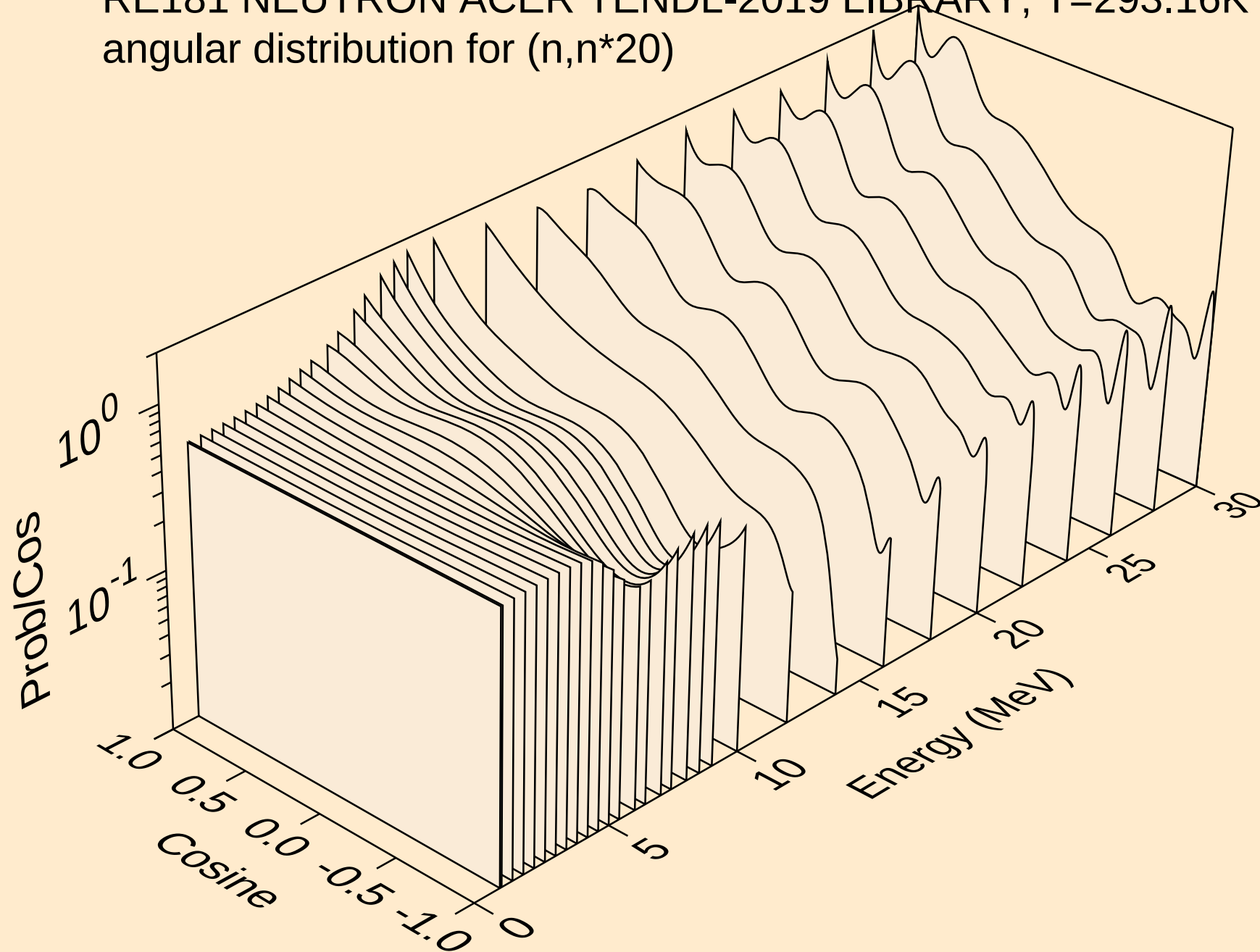
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



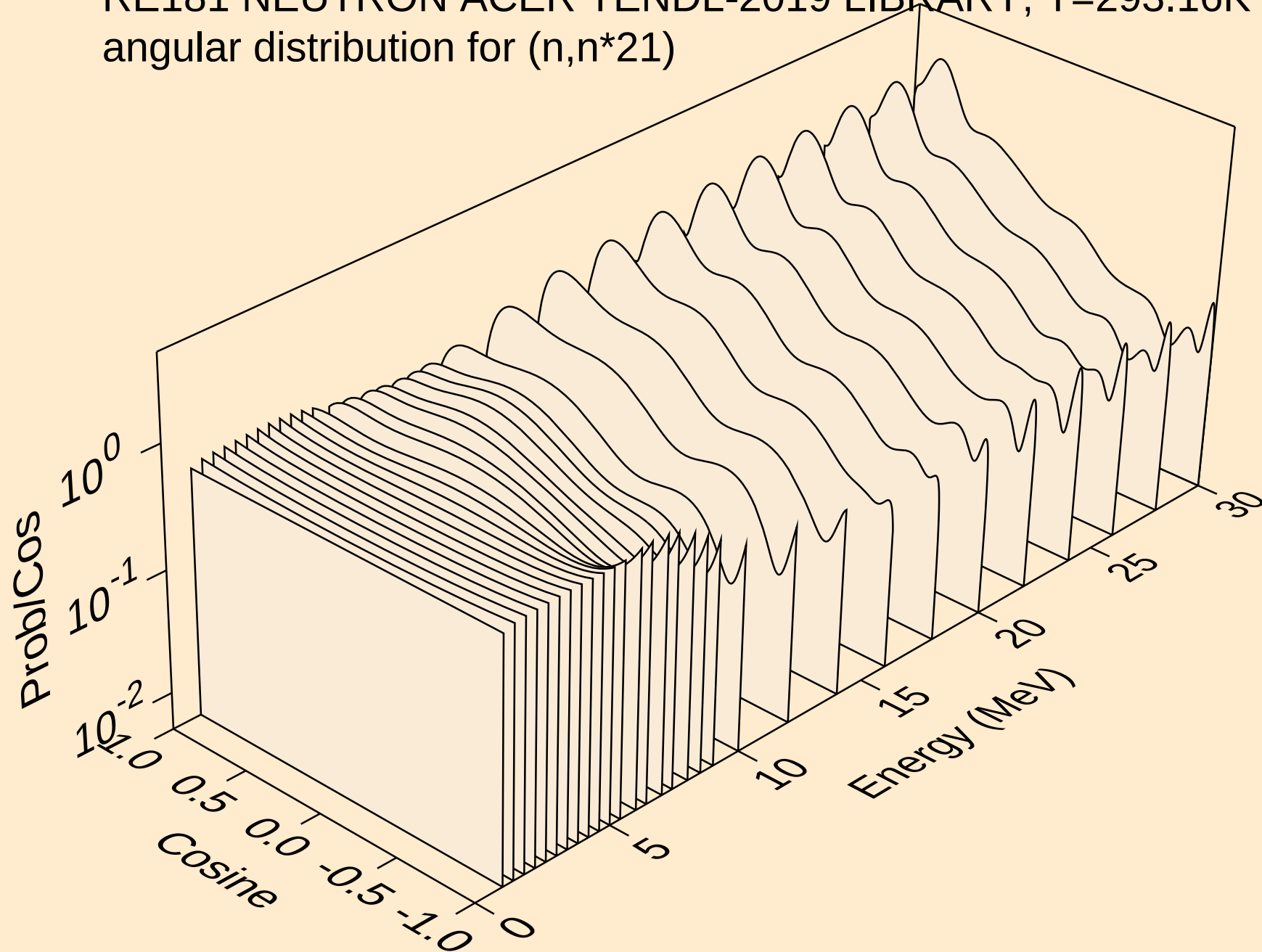
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



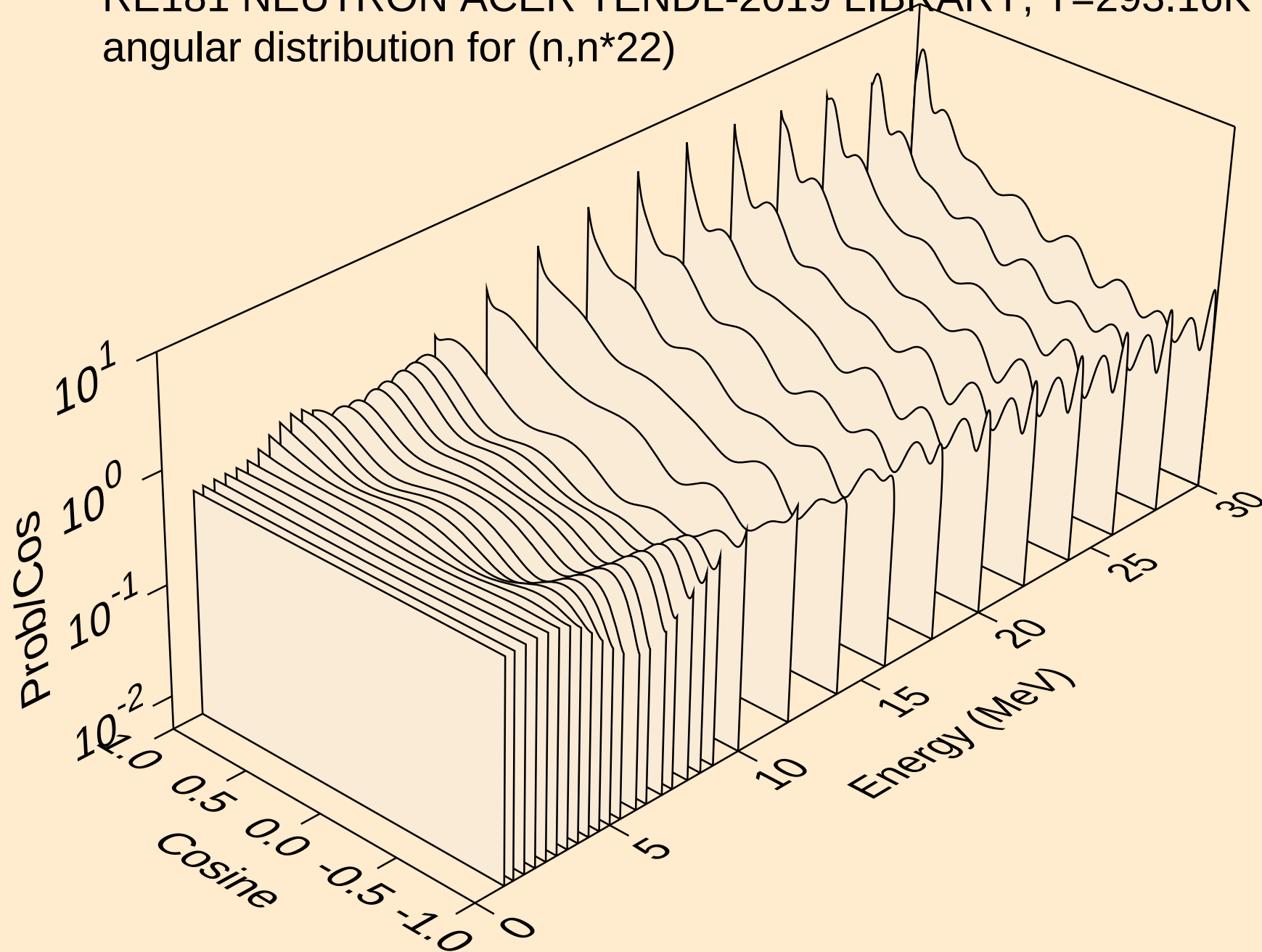
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



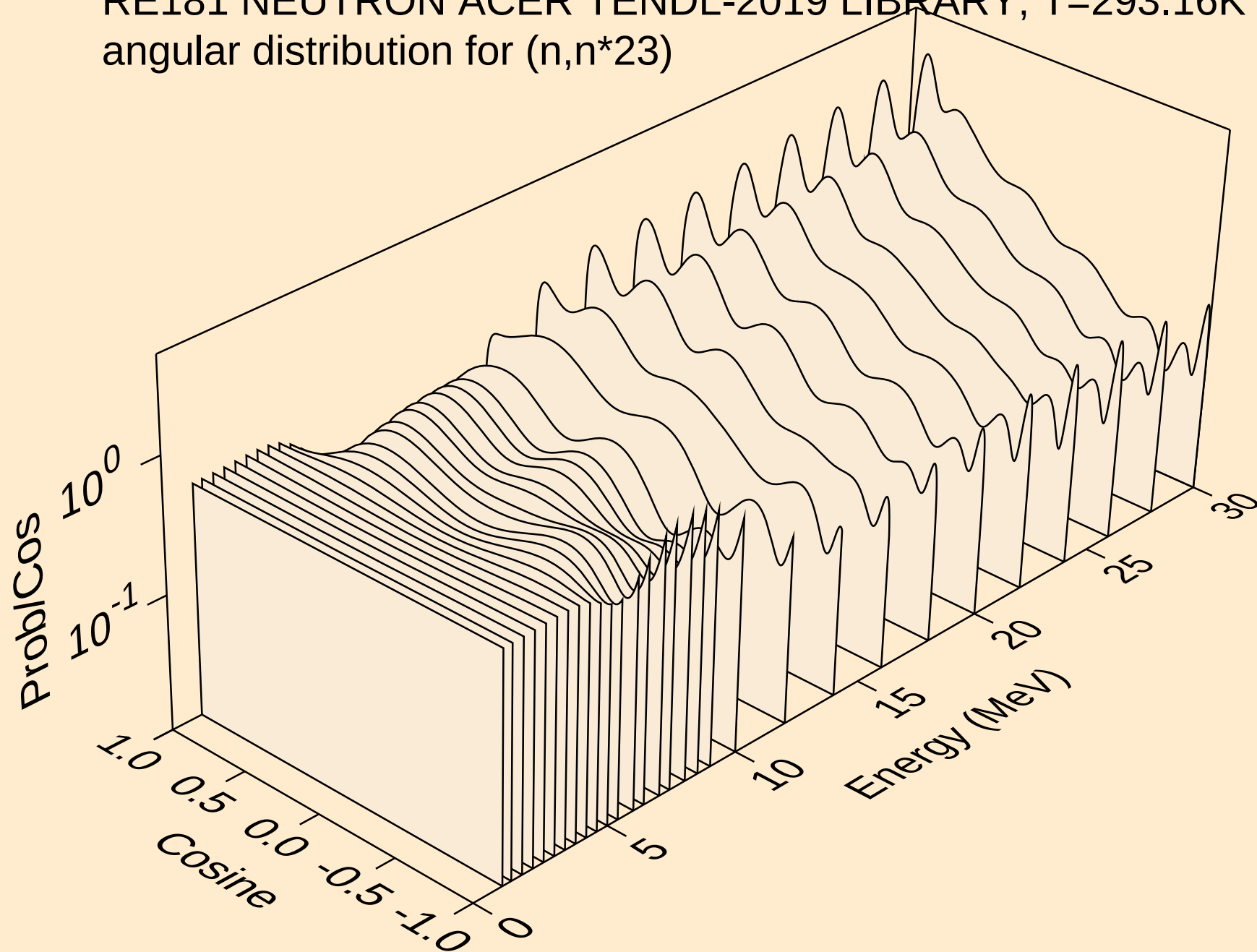
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



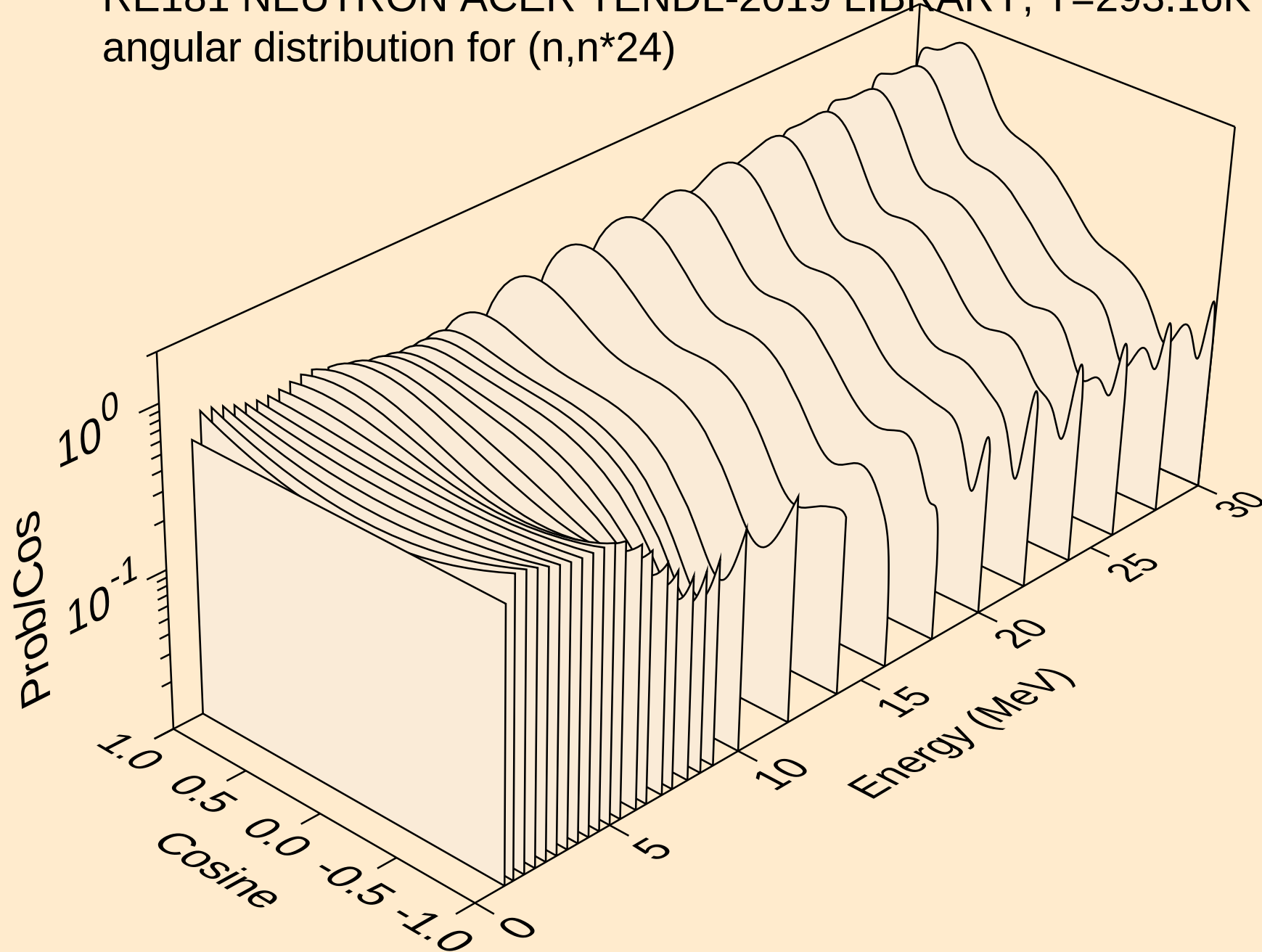
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



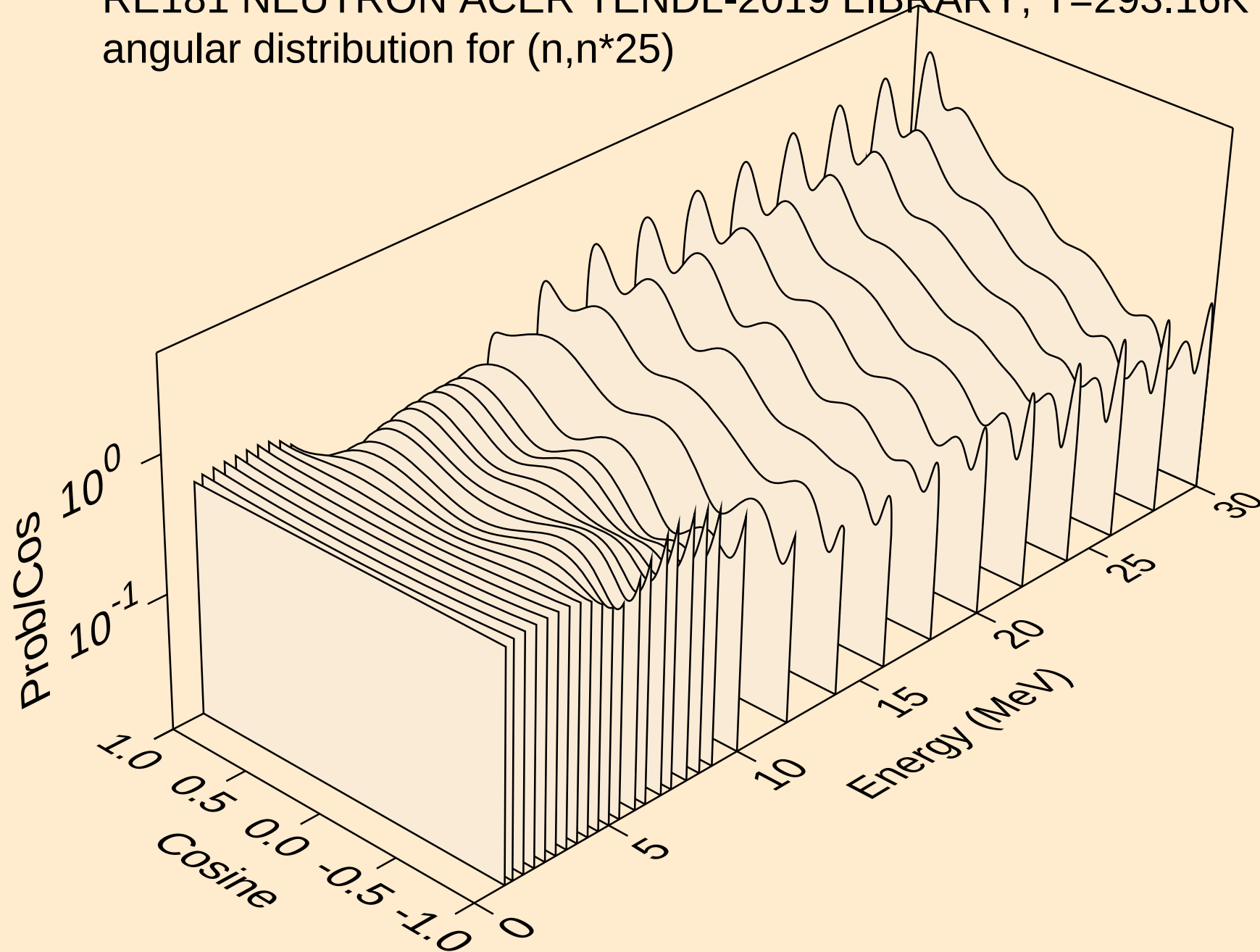
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



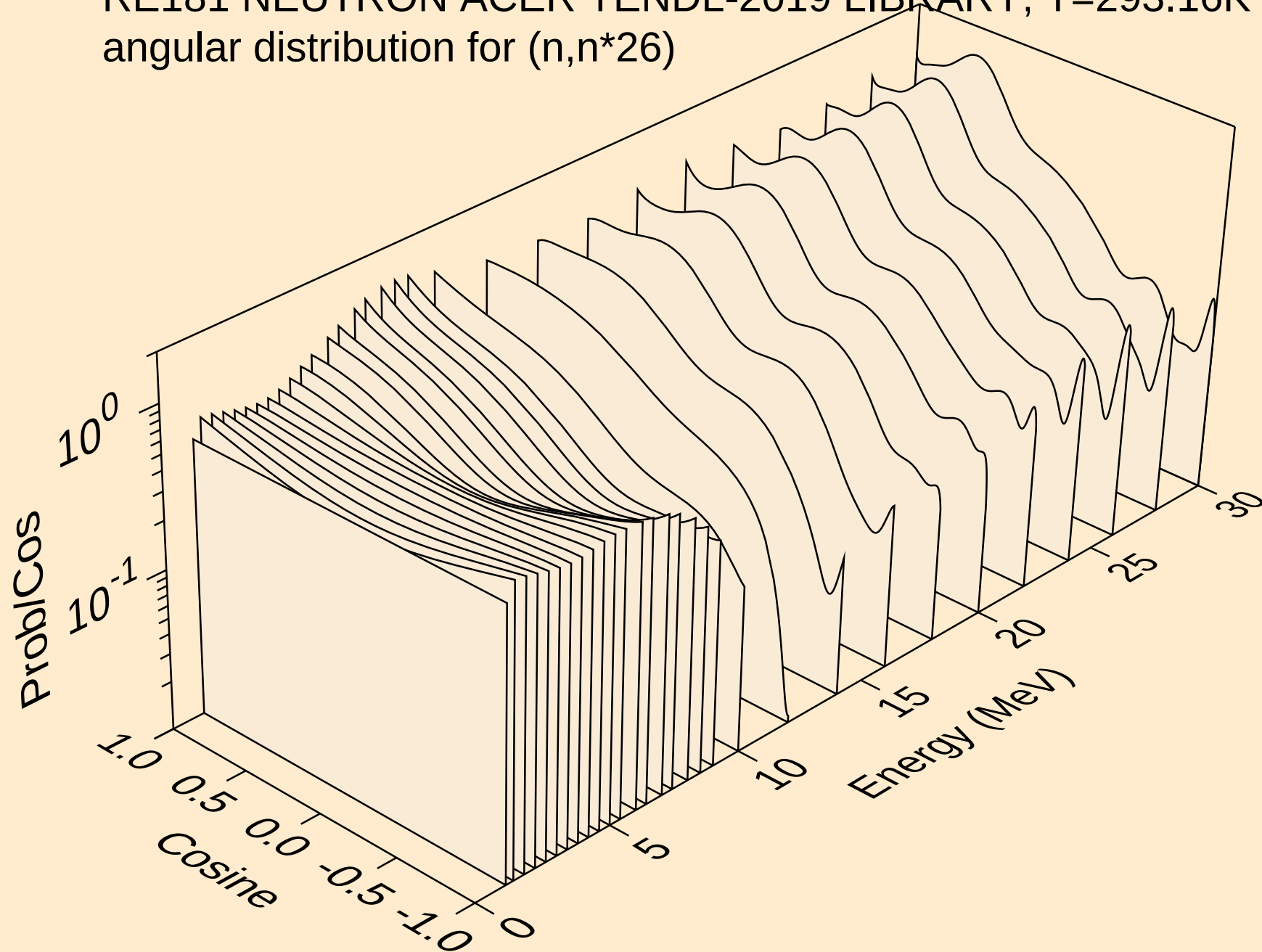
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



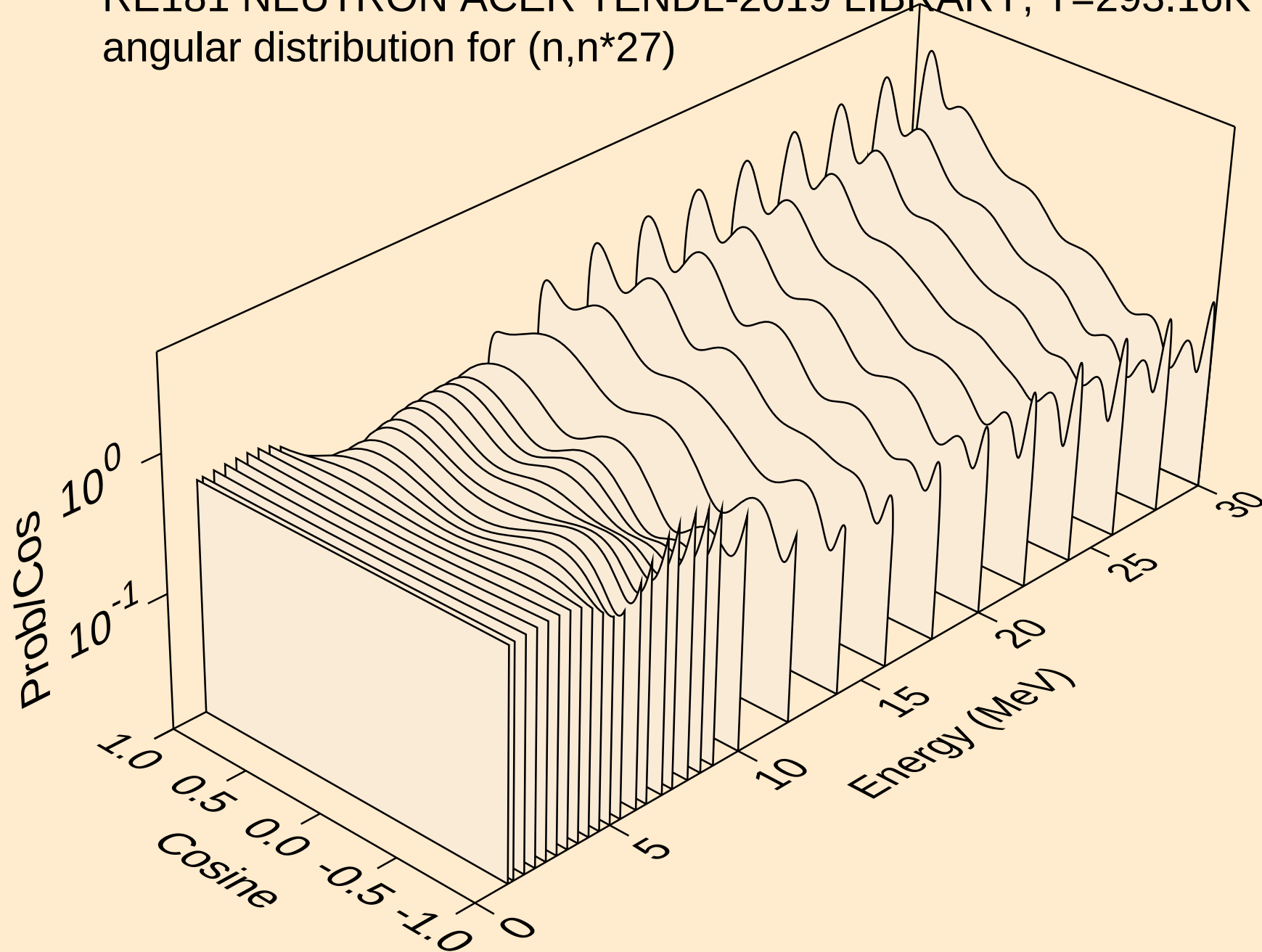
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



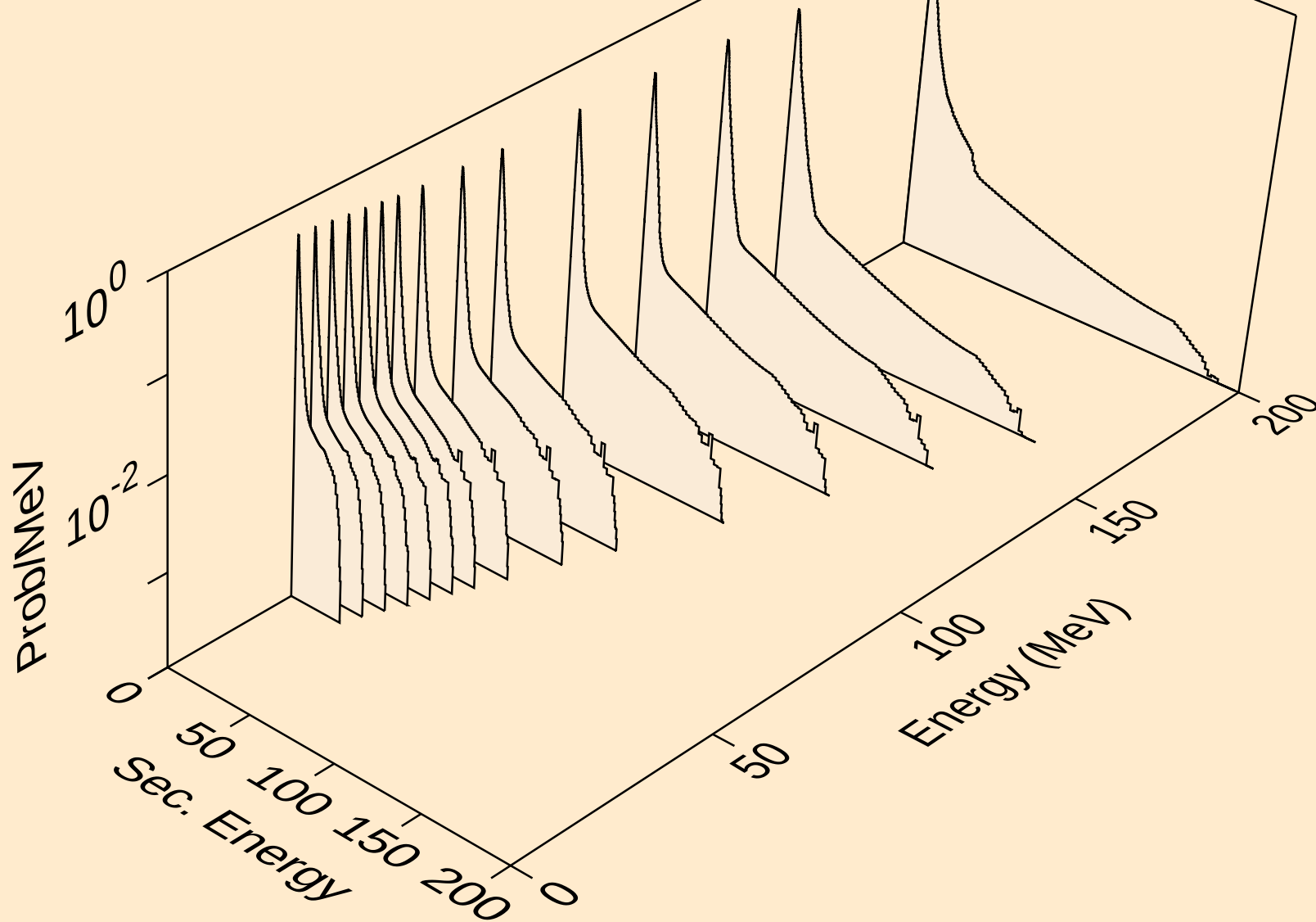
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



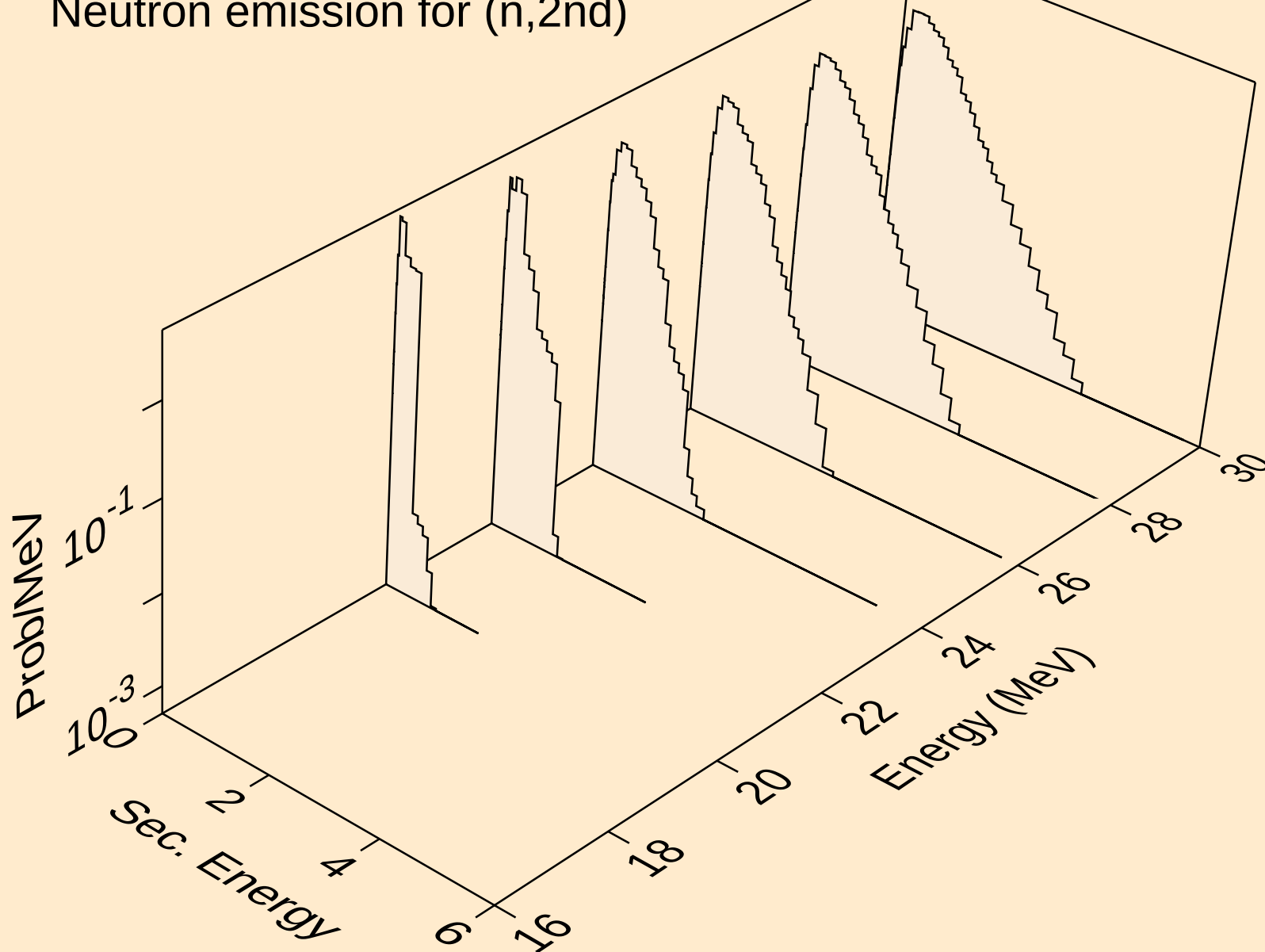
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



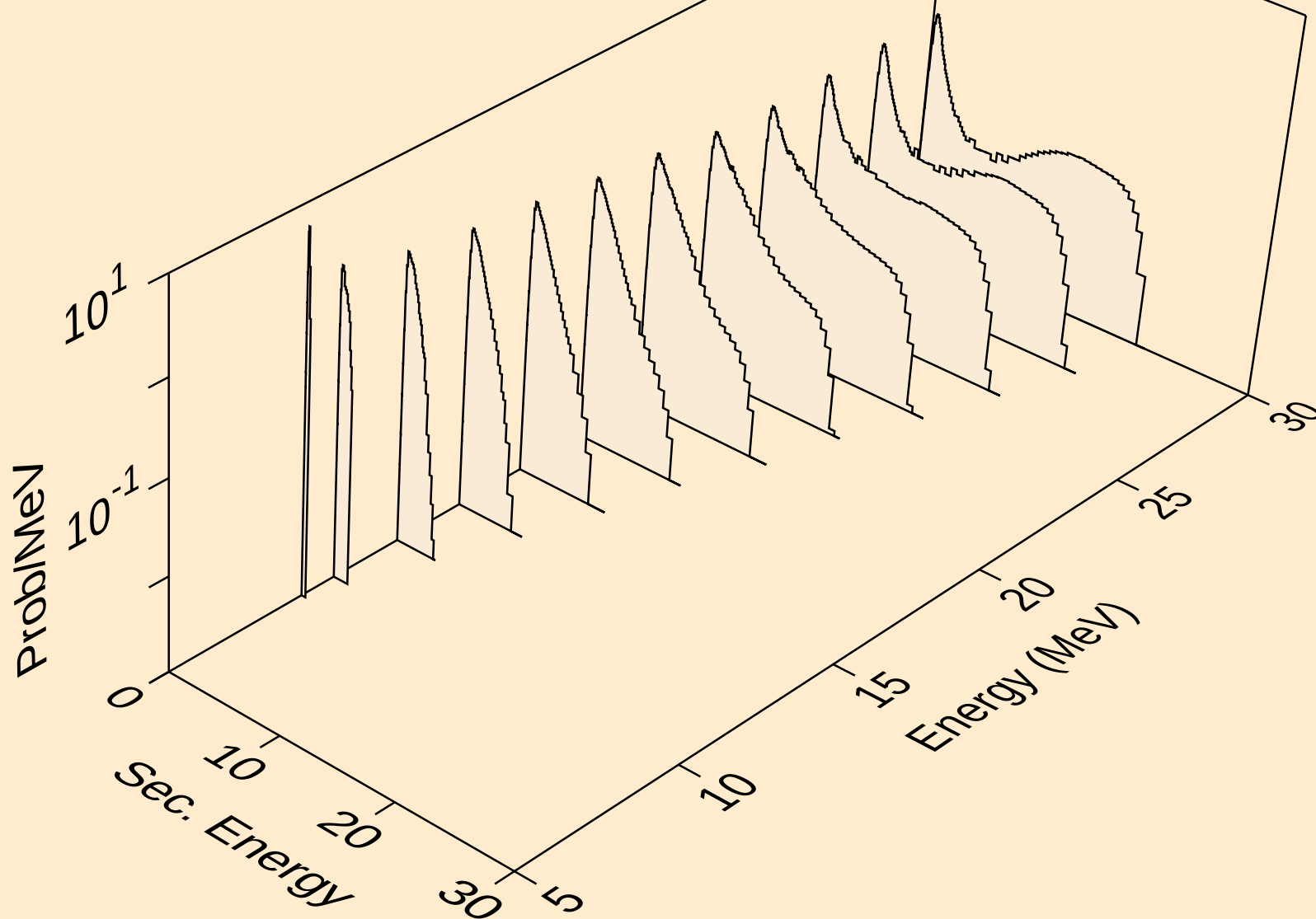
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



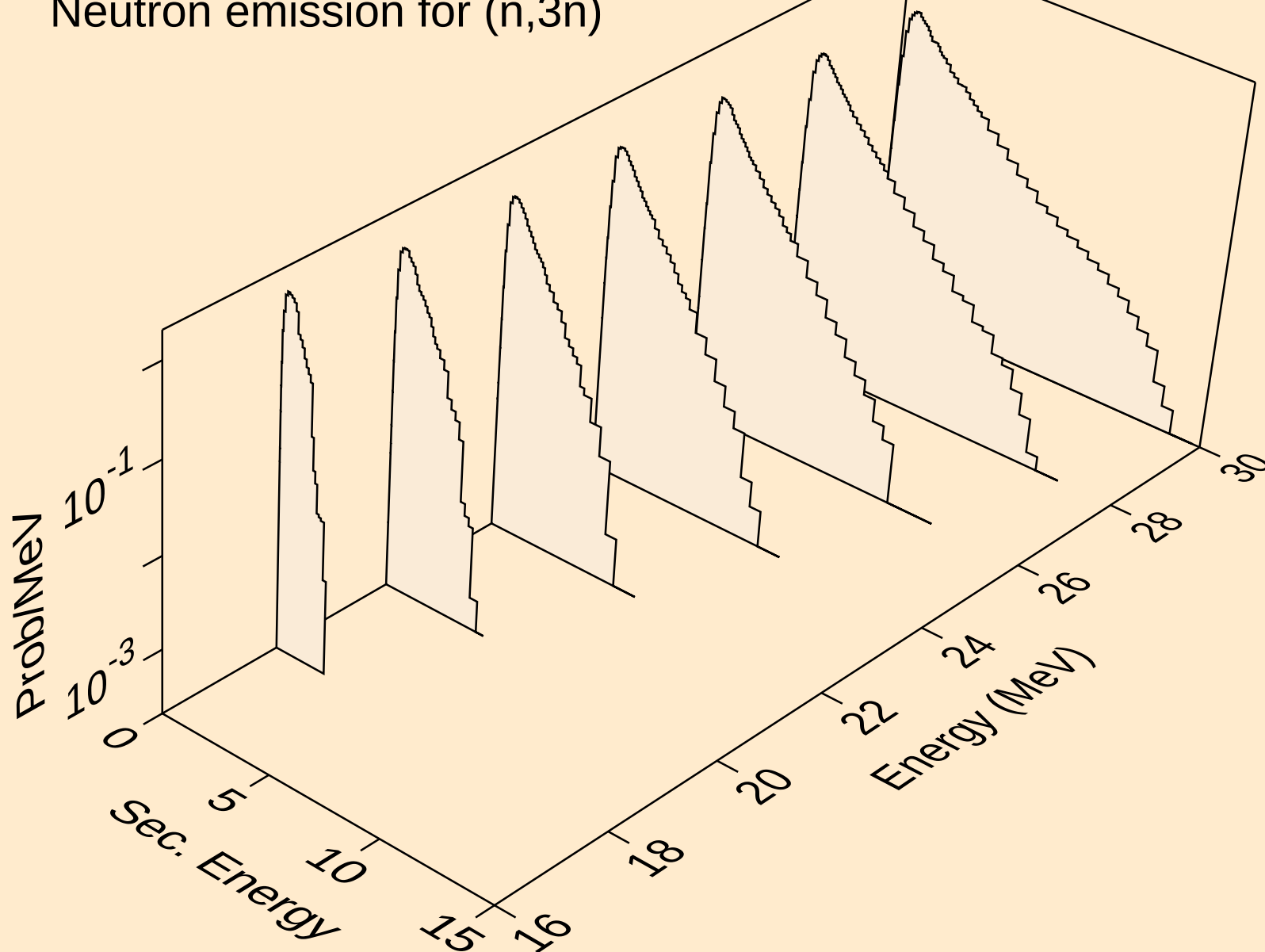
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



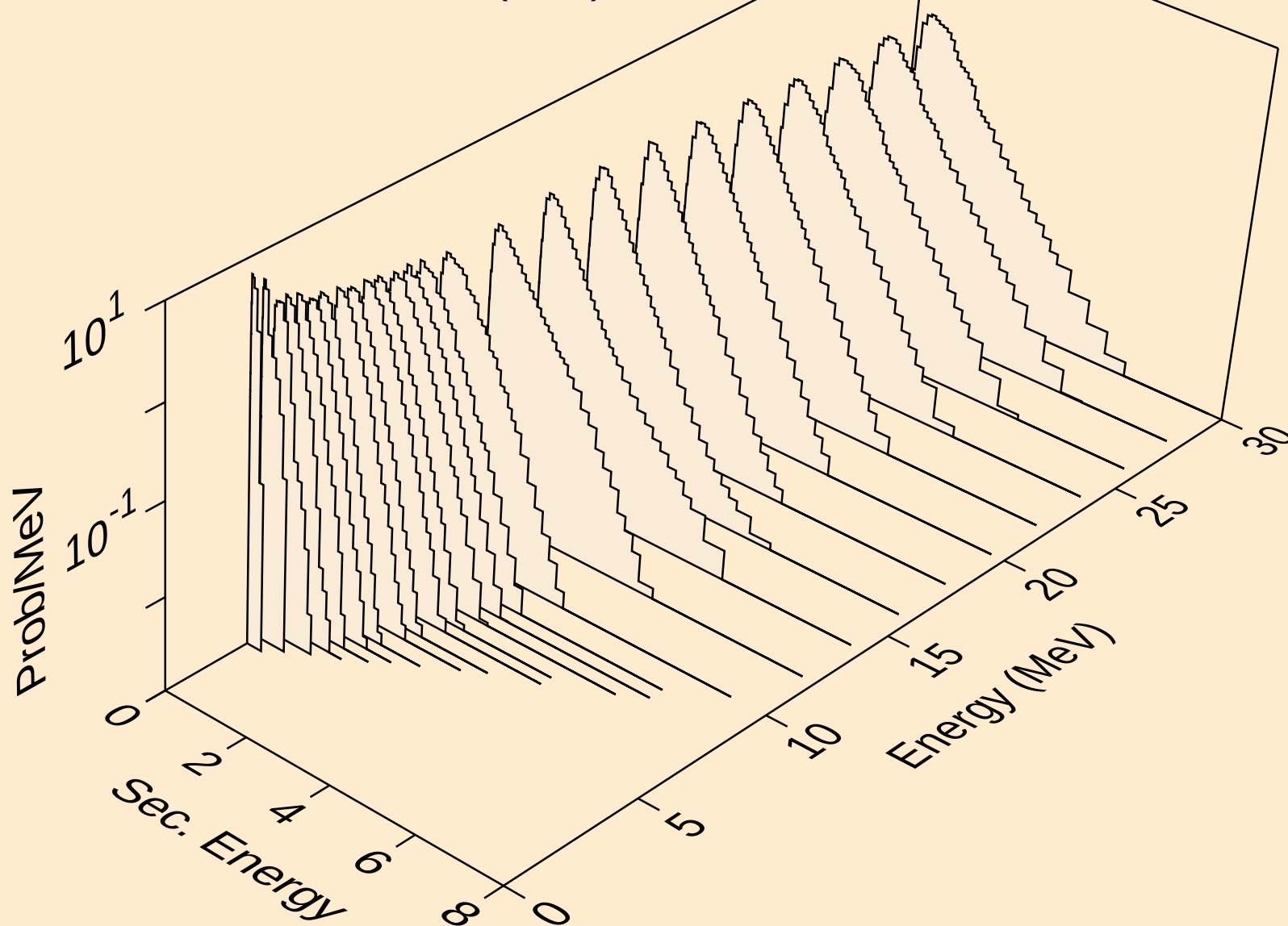
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



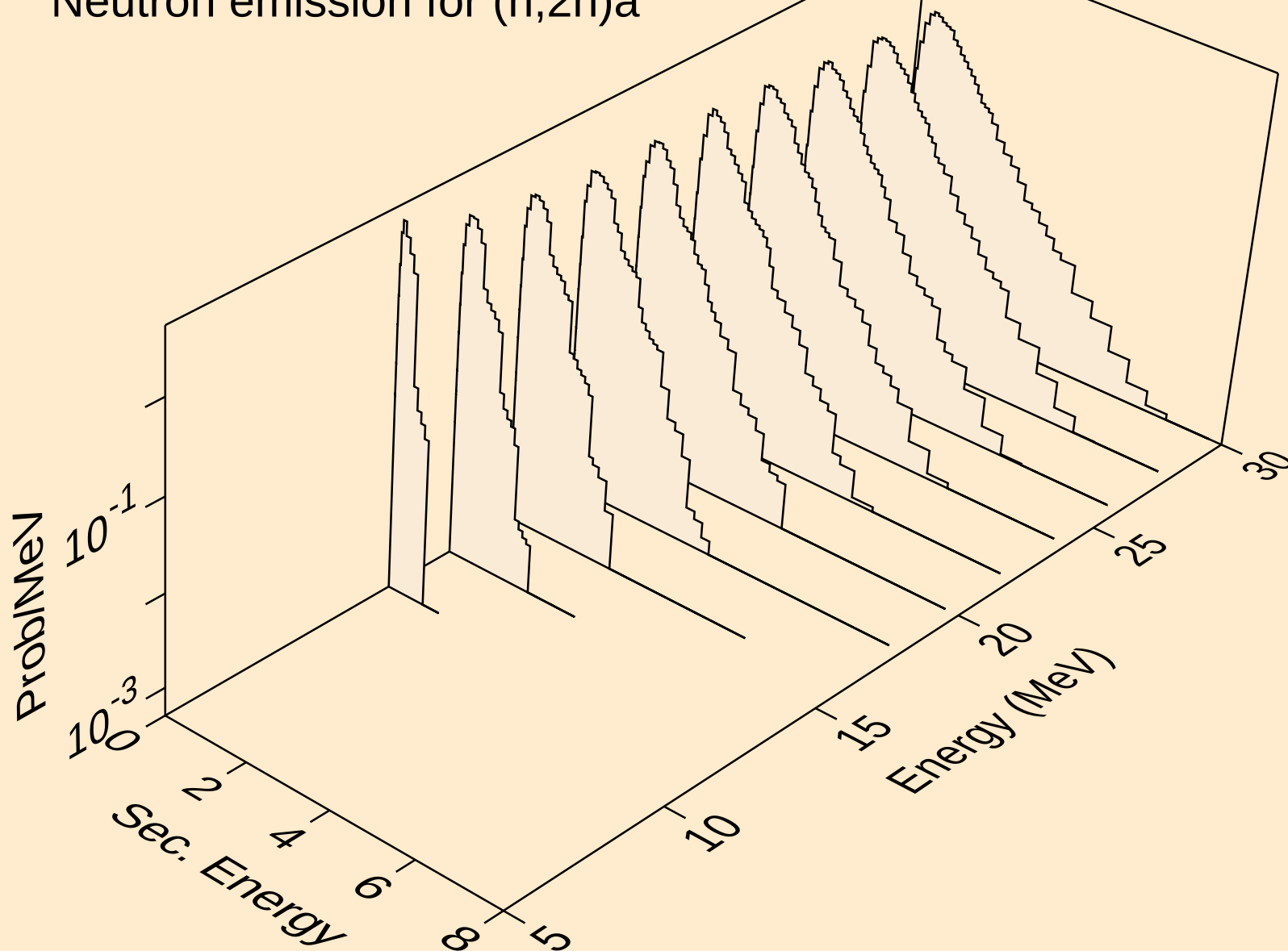
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



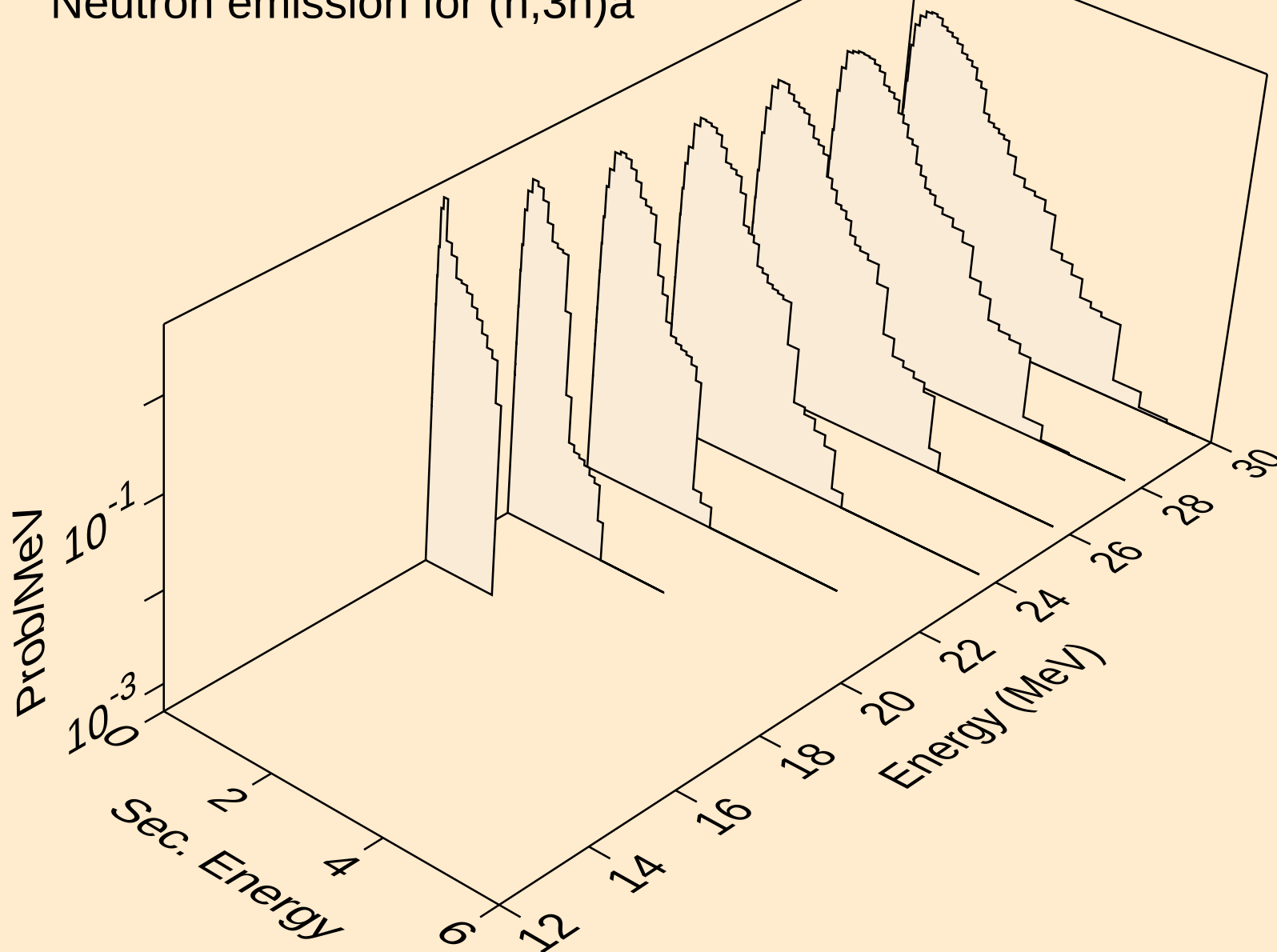
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



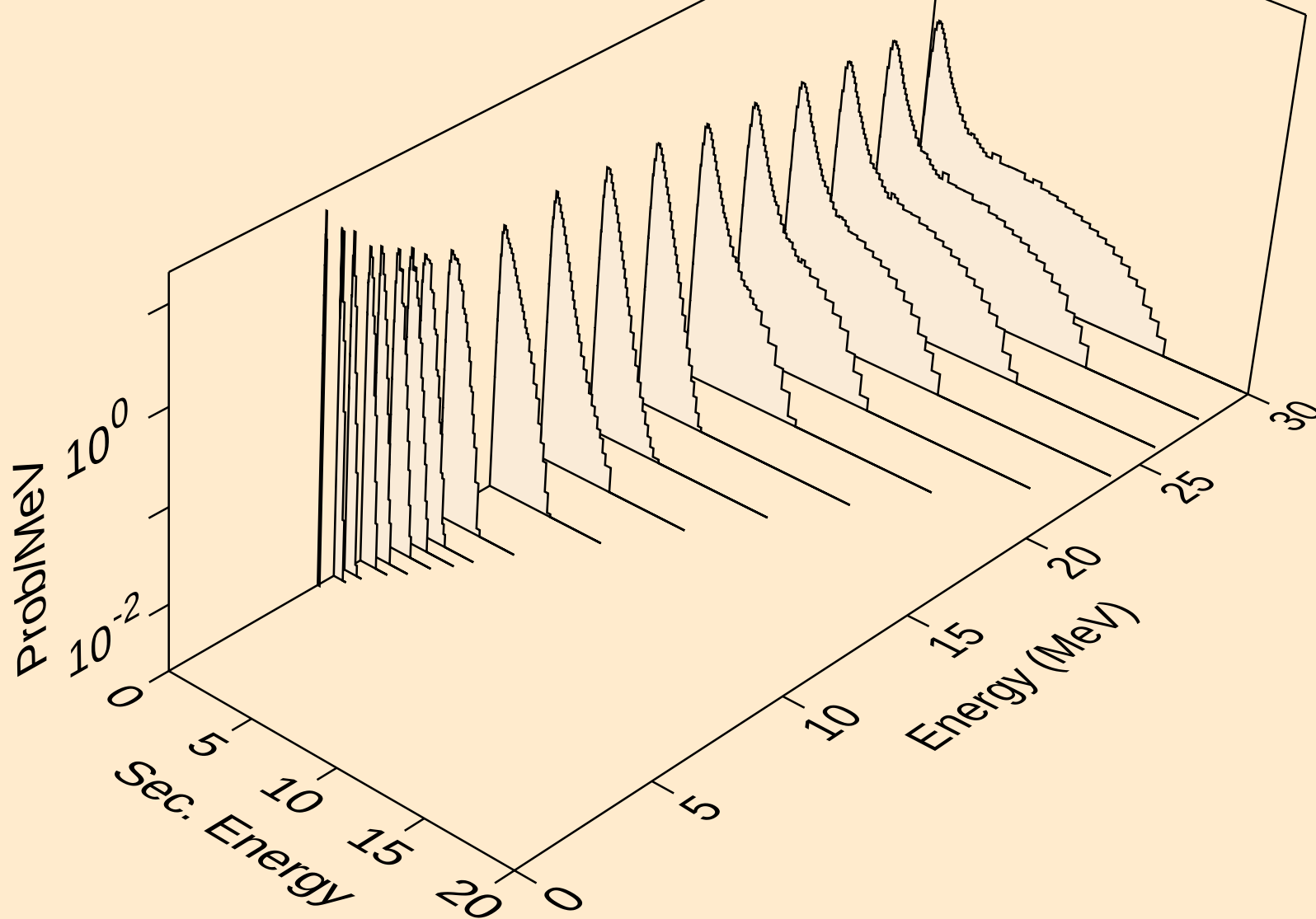
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)_a



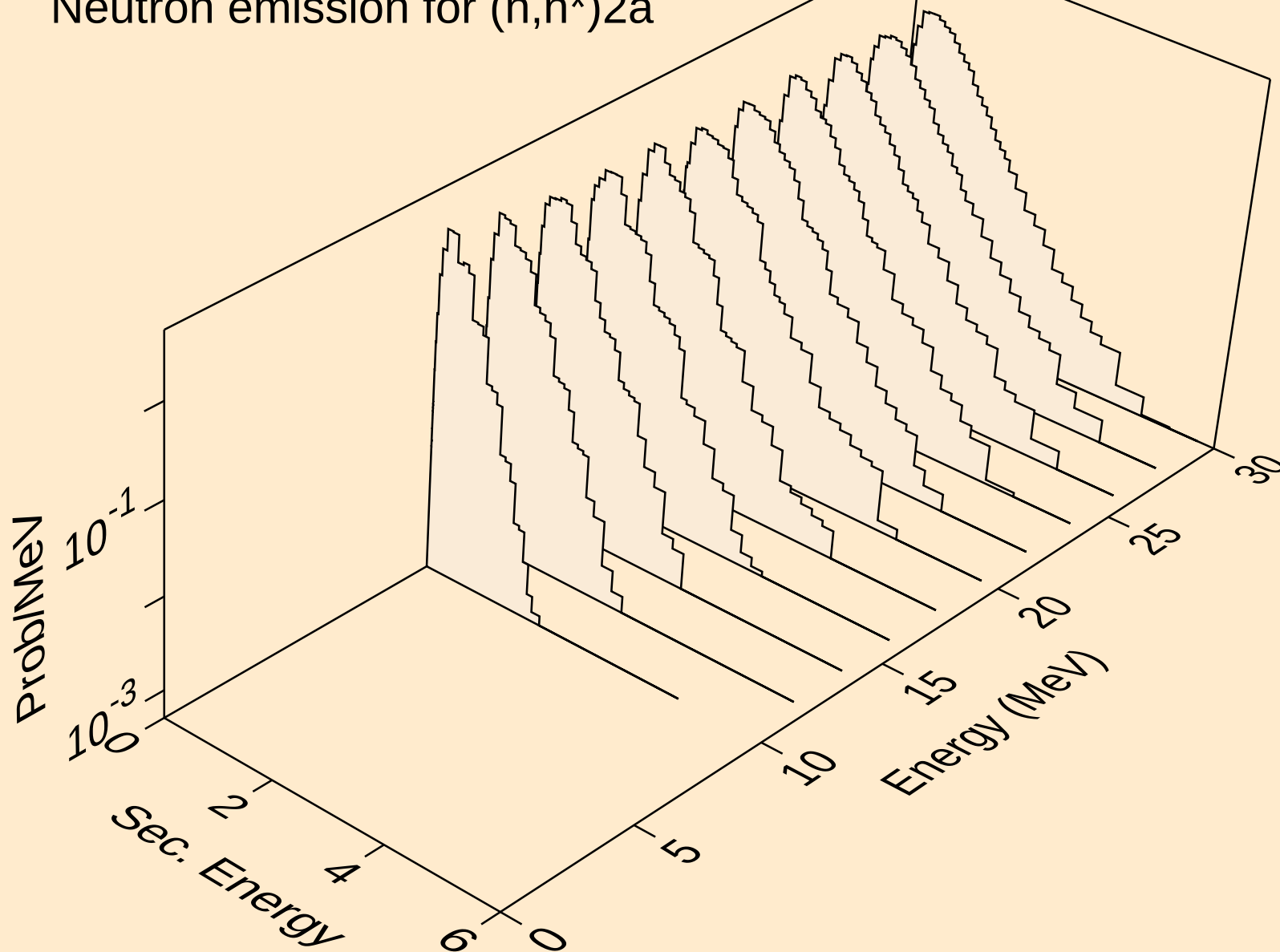
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



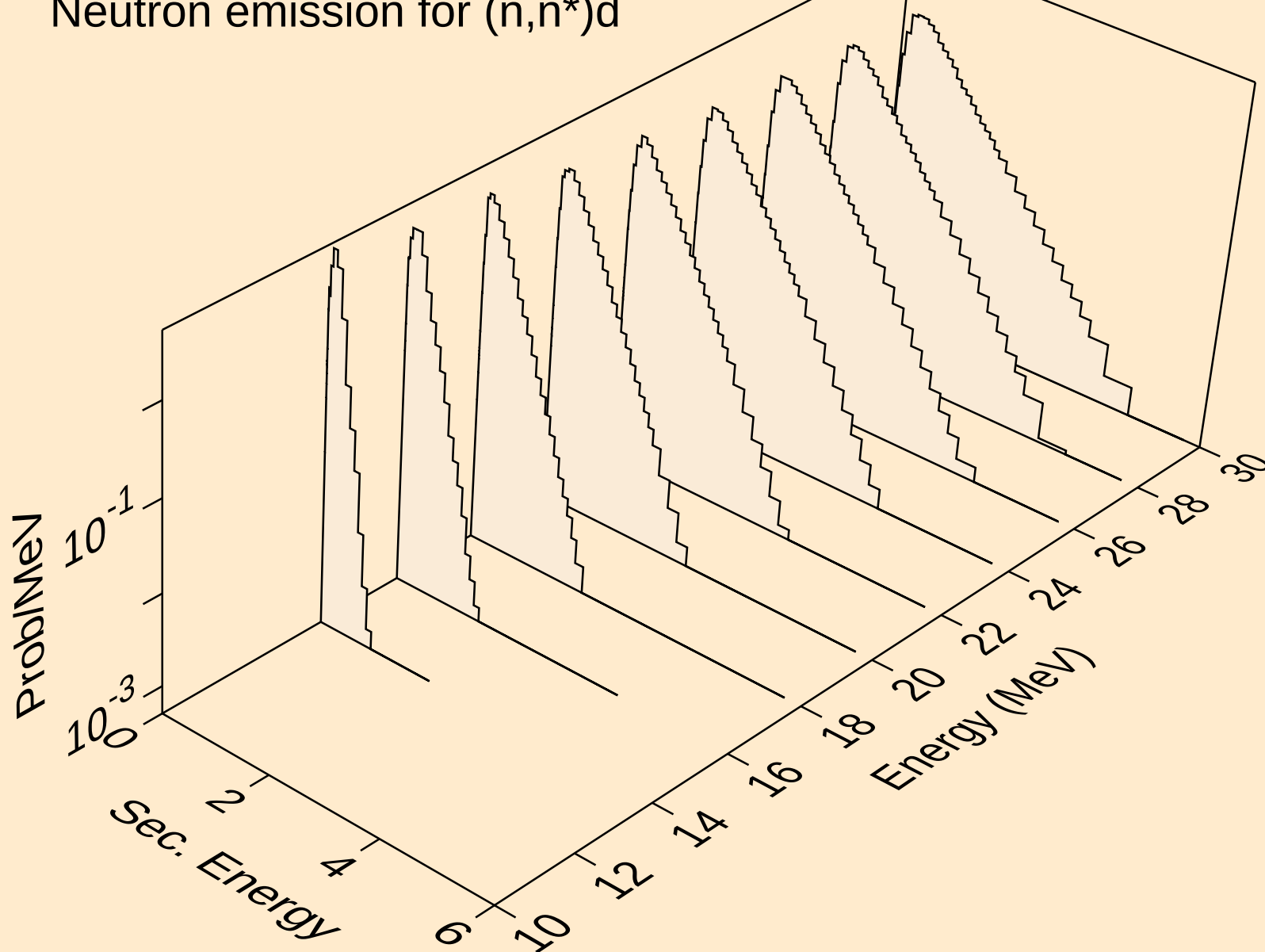
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



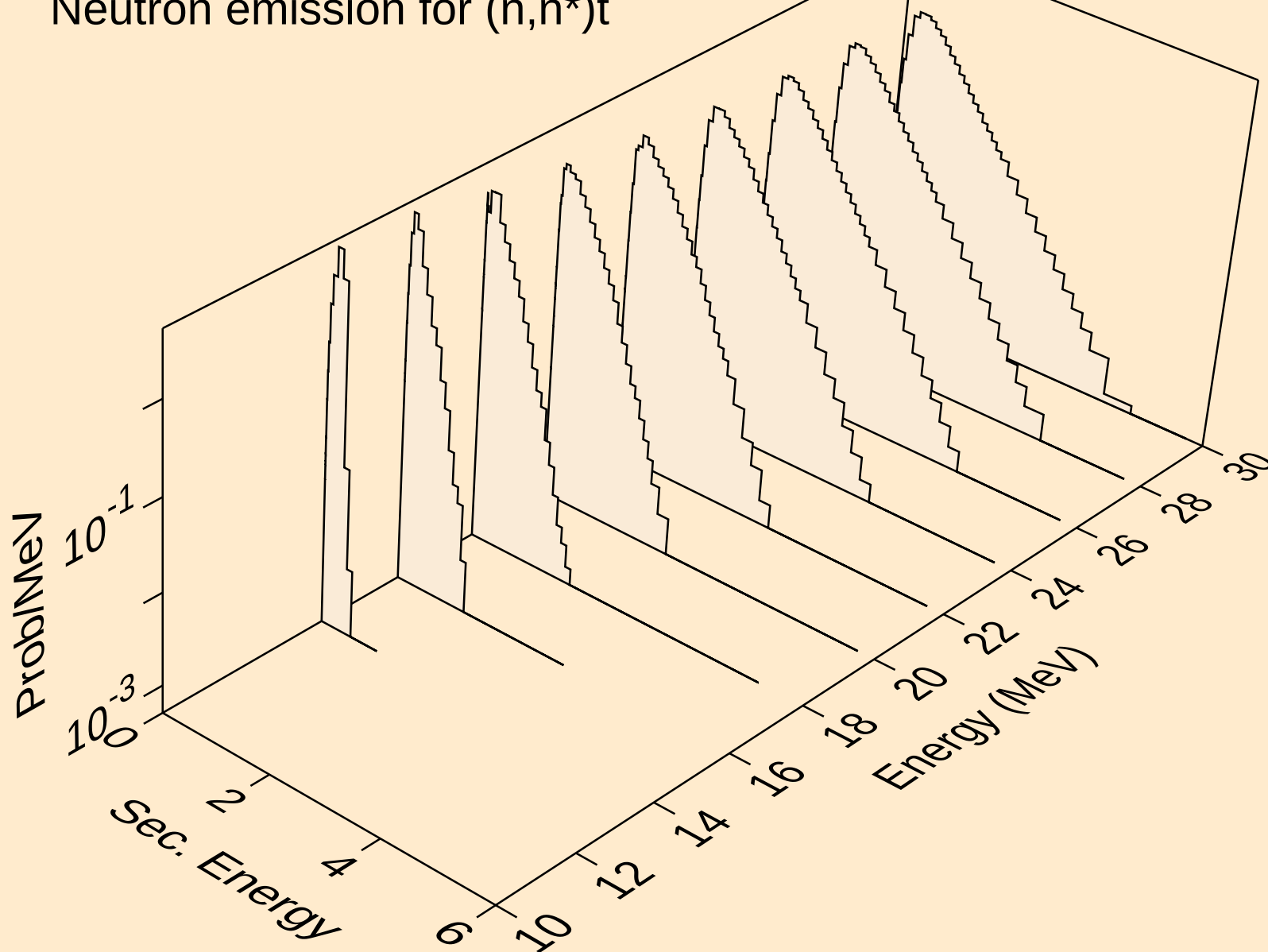
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



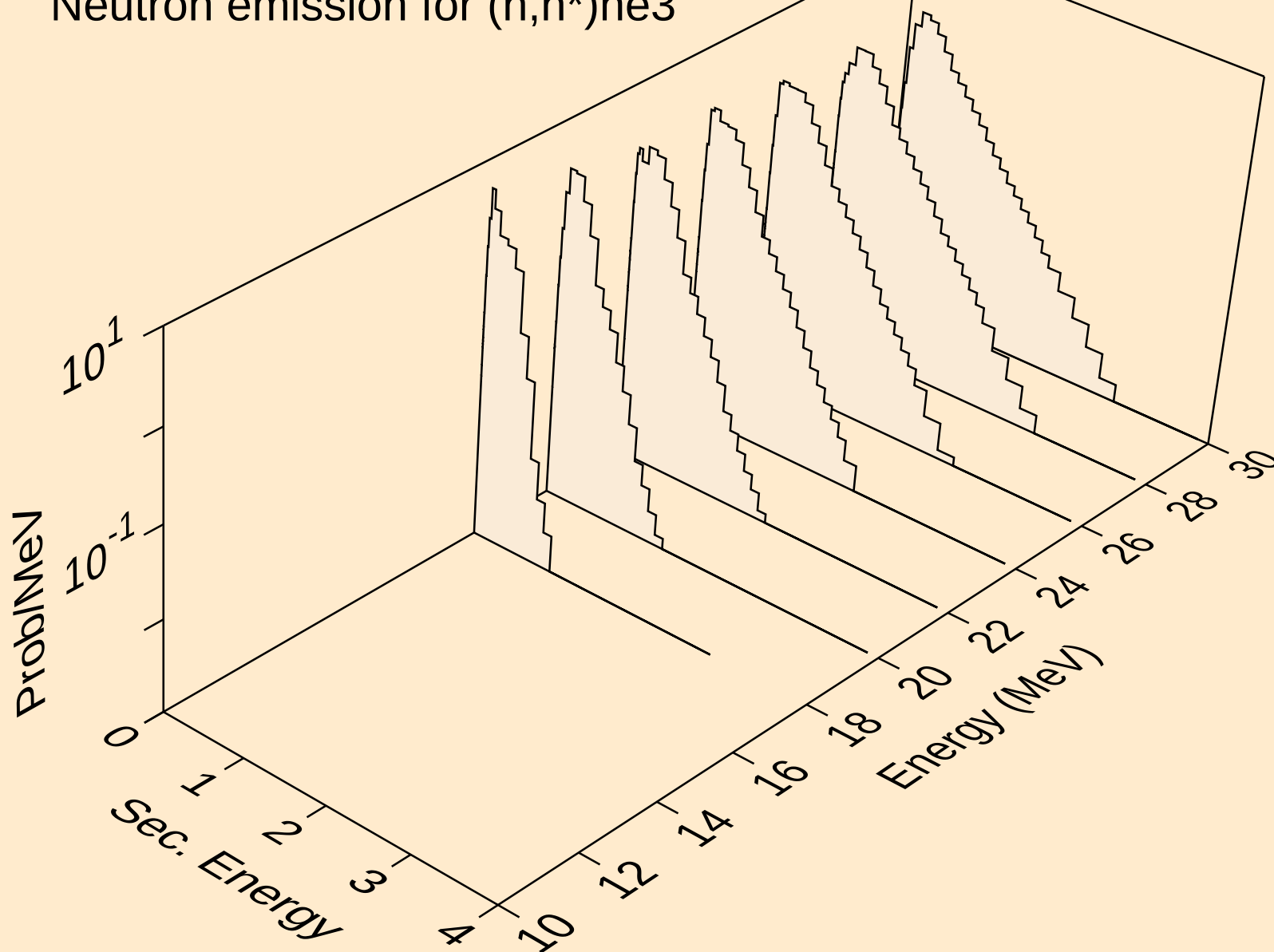
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



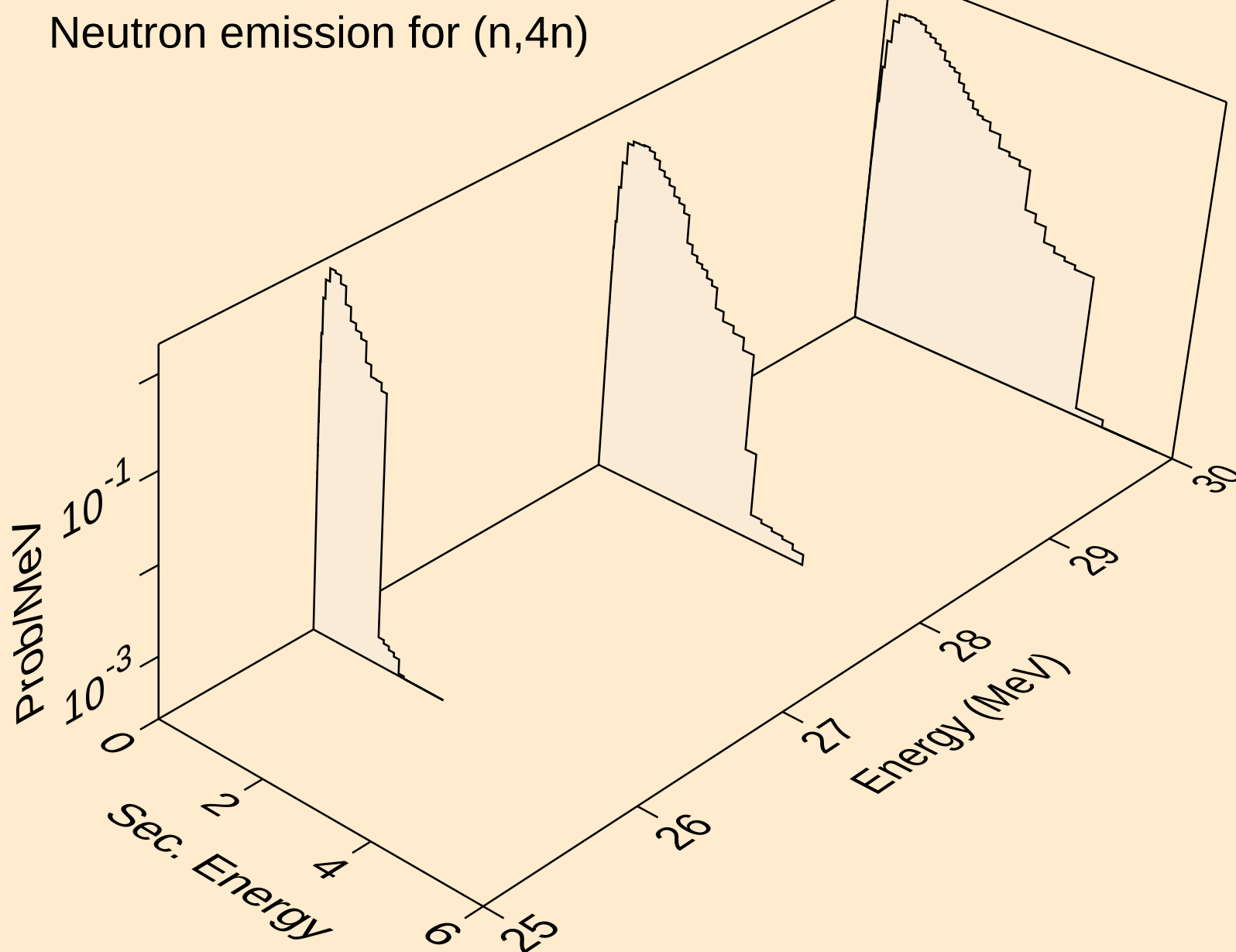
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



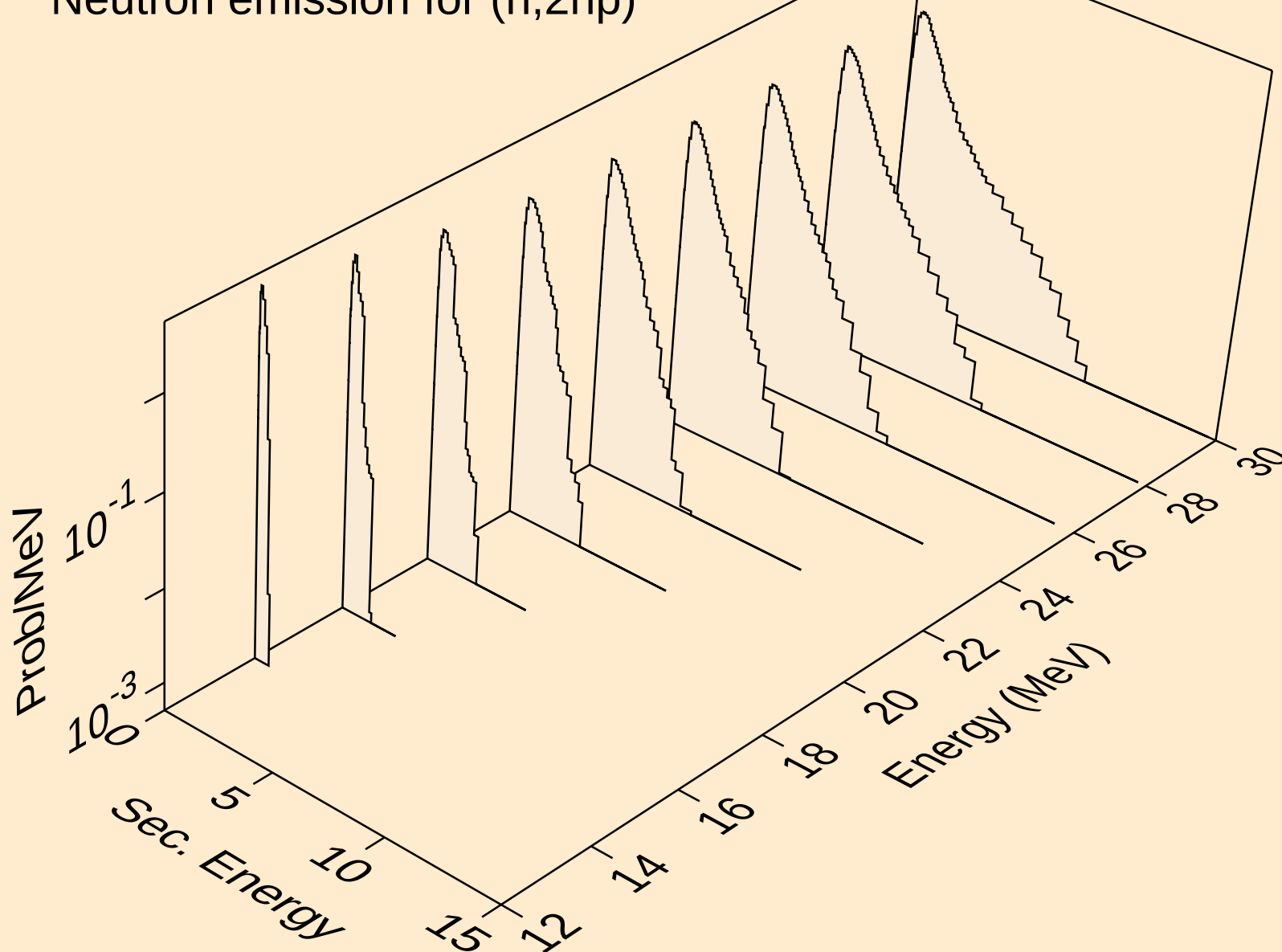
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



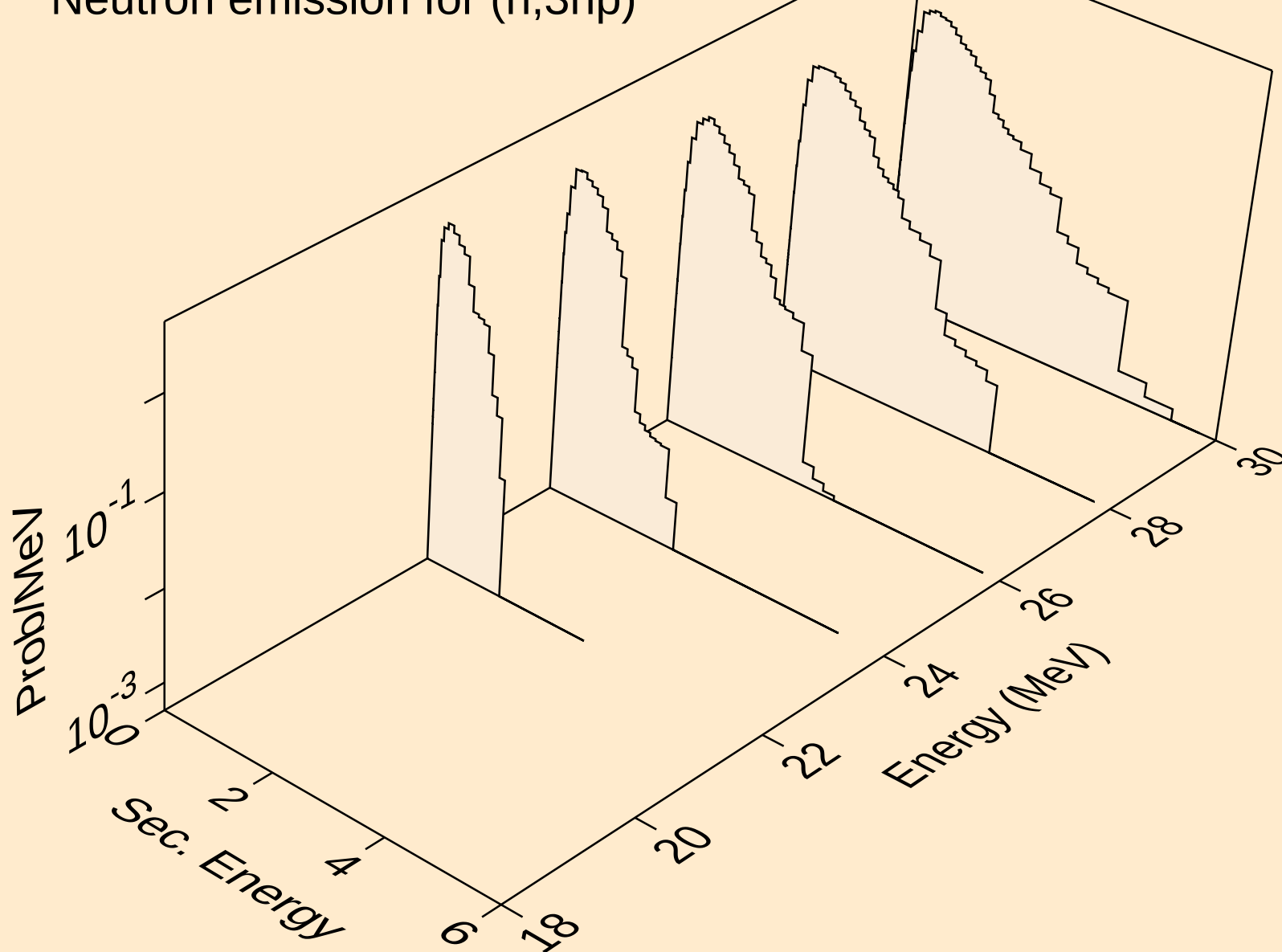
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



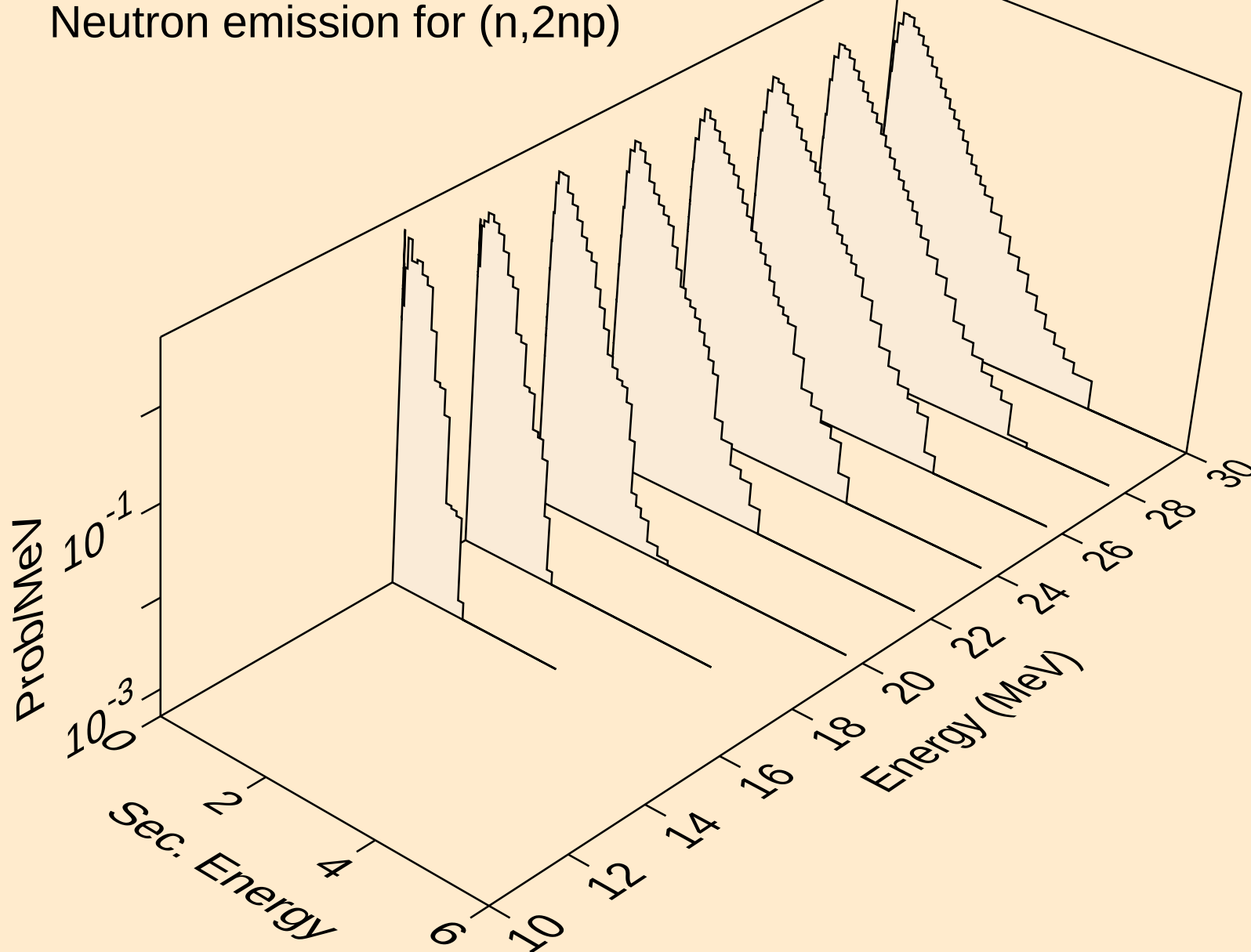
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



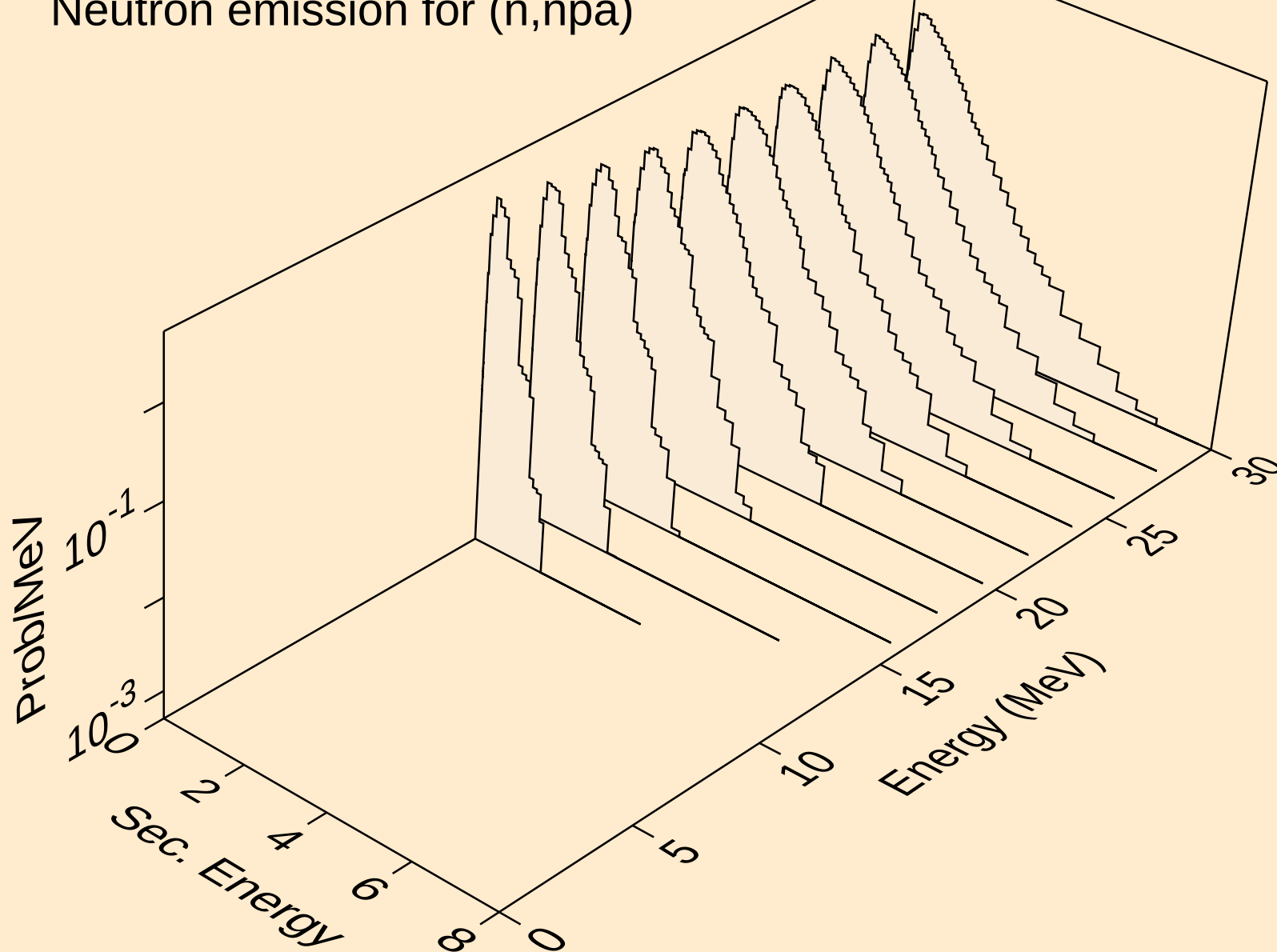
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



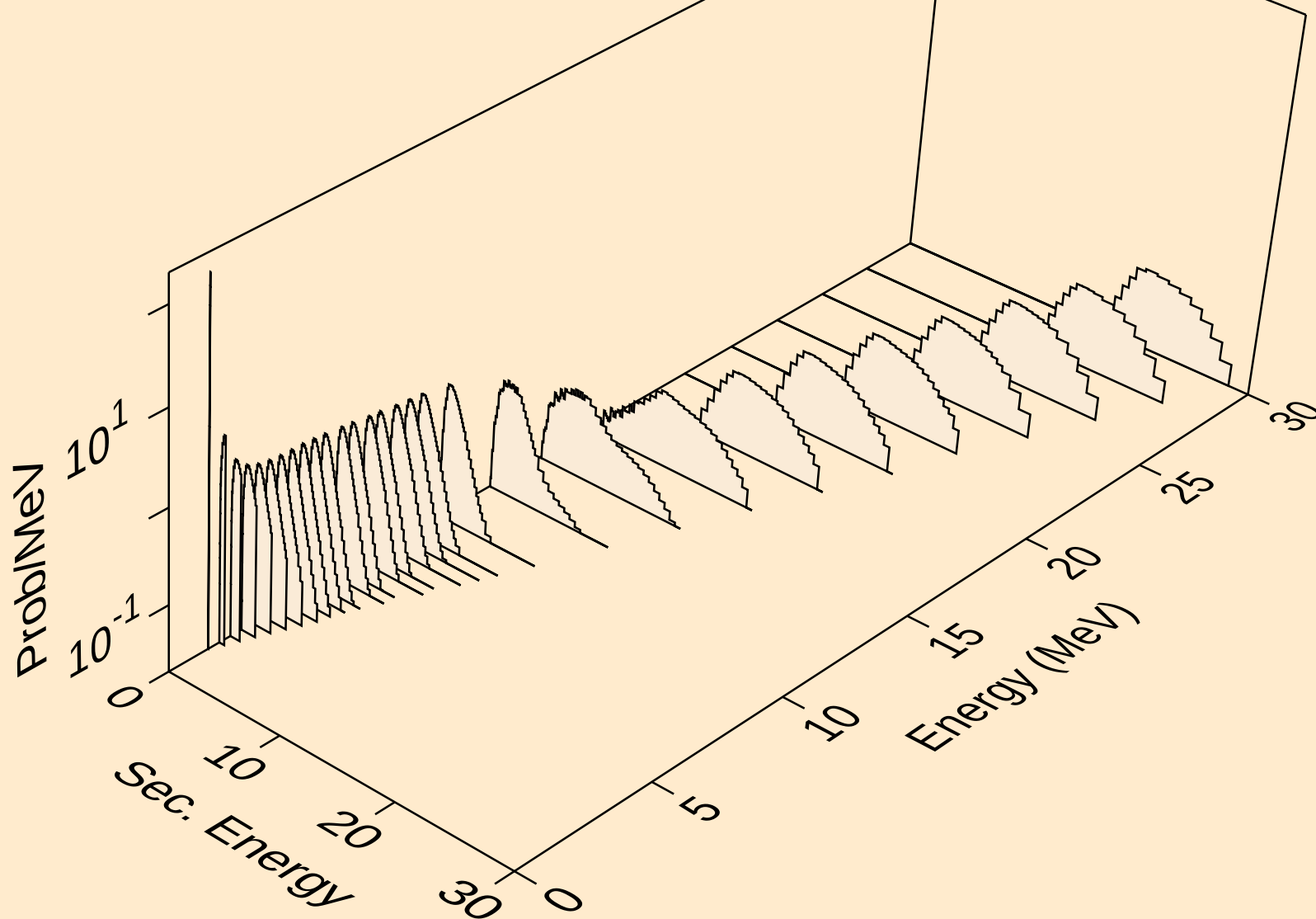
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



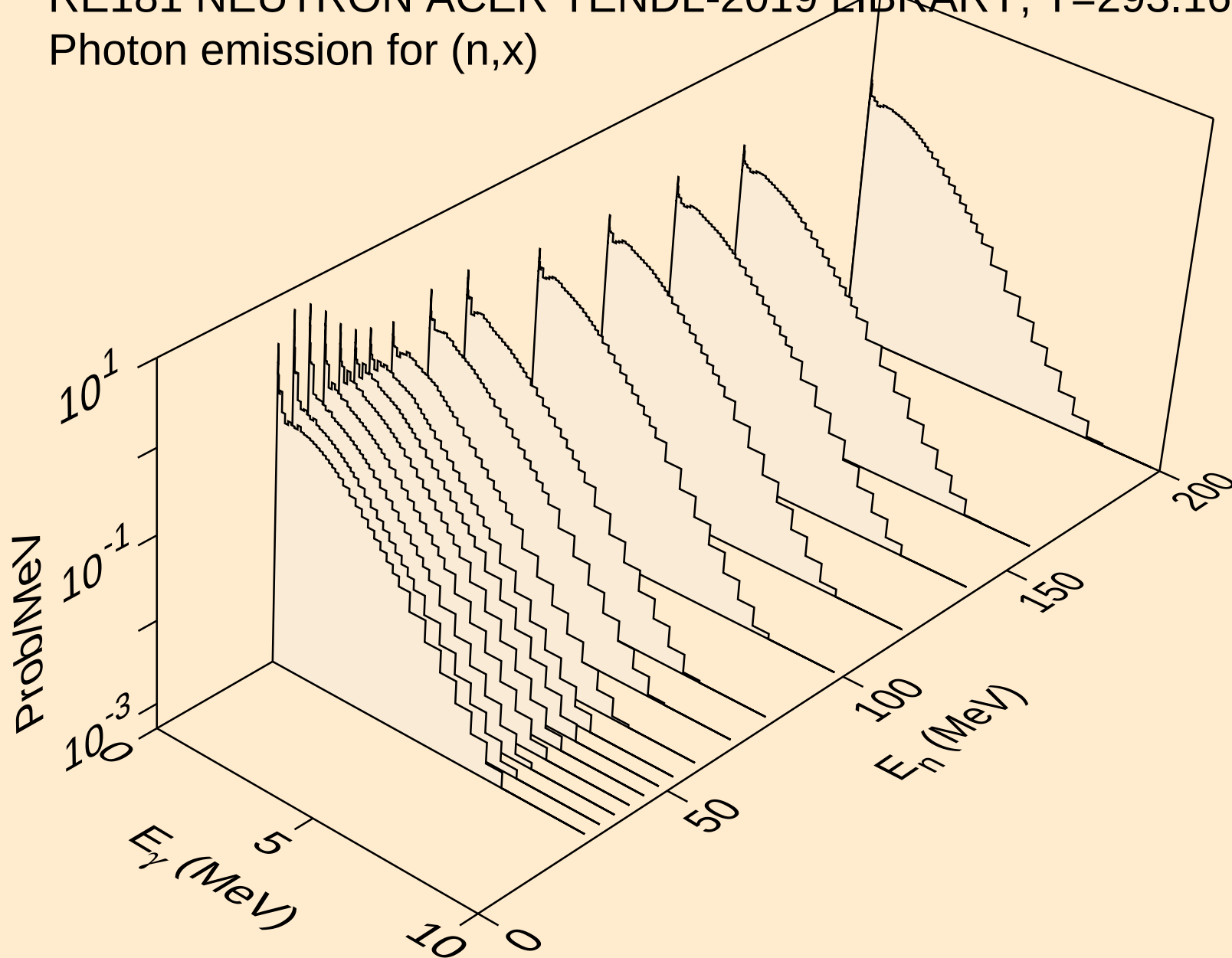
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



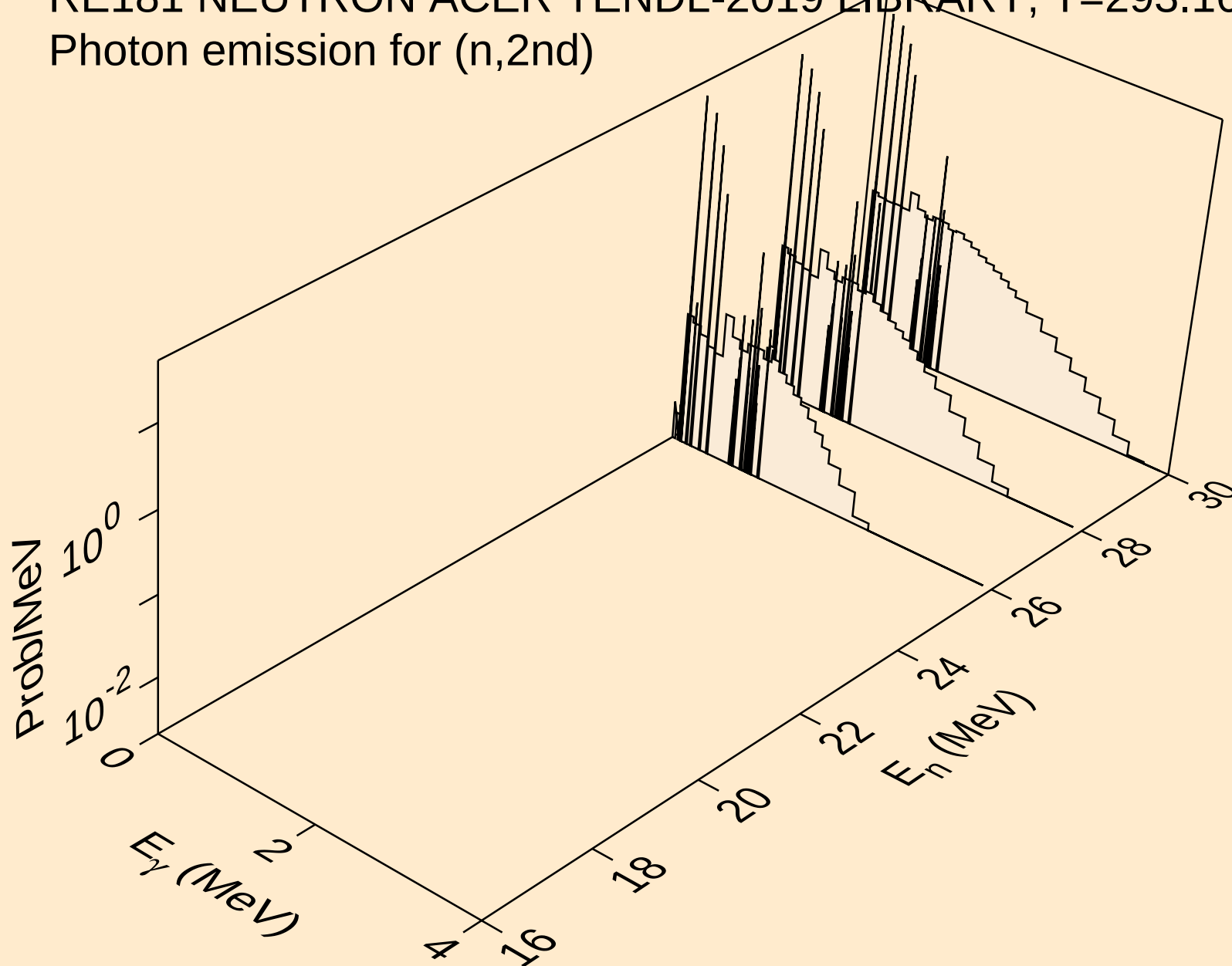
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



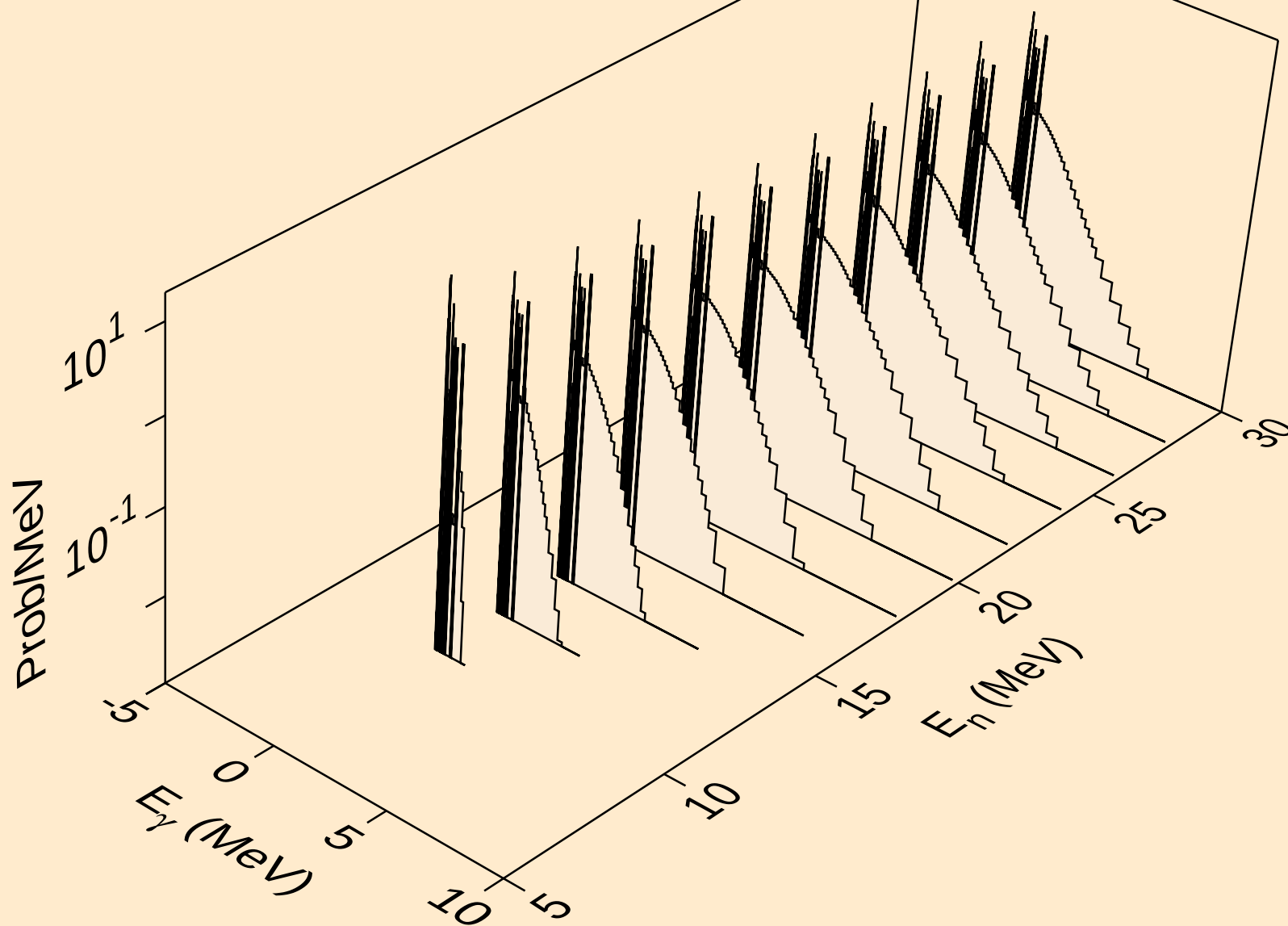
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



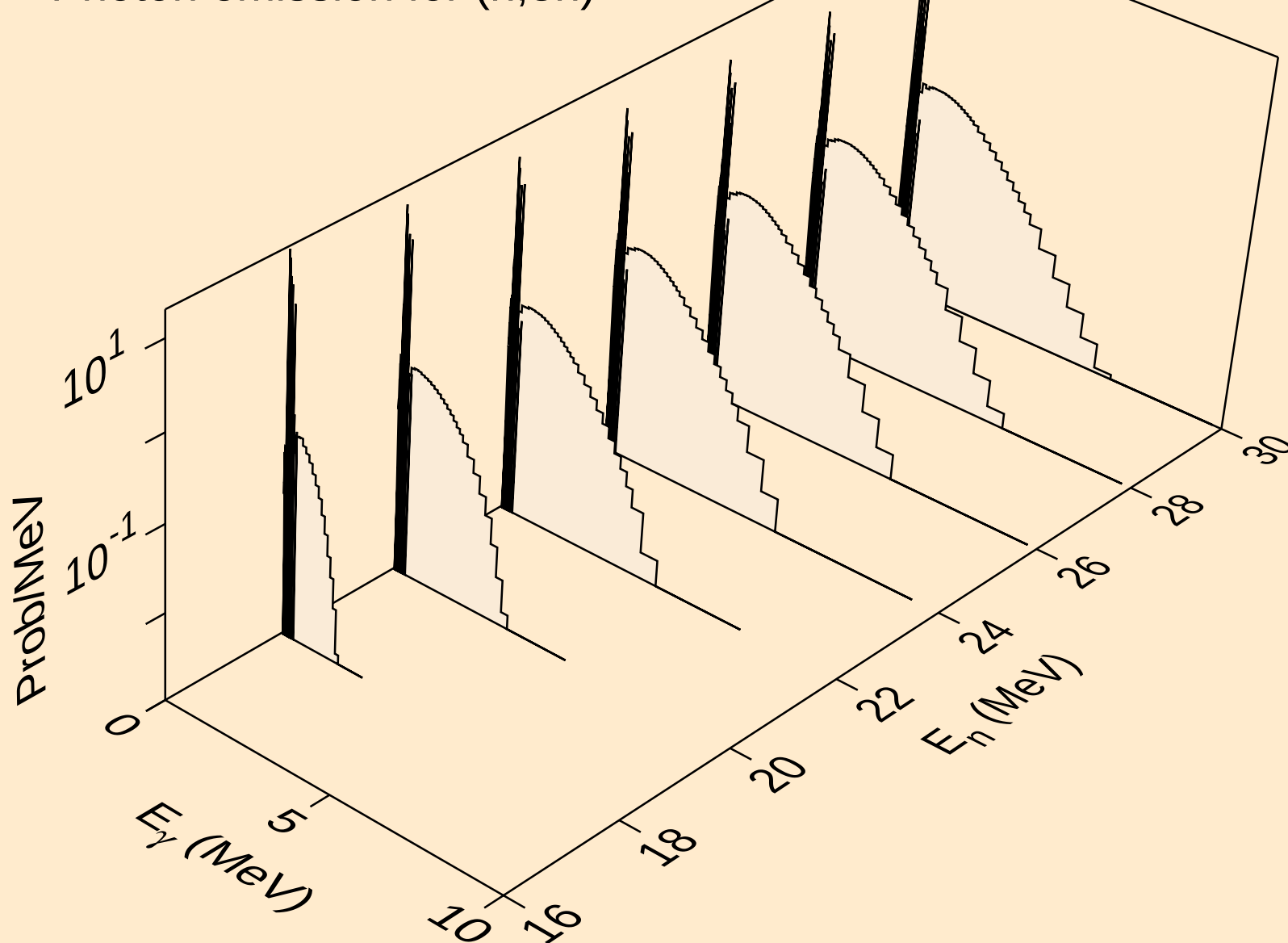
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



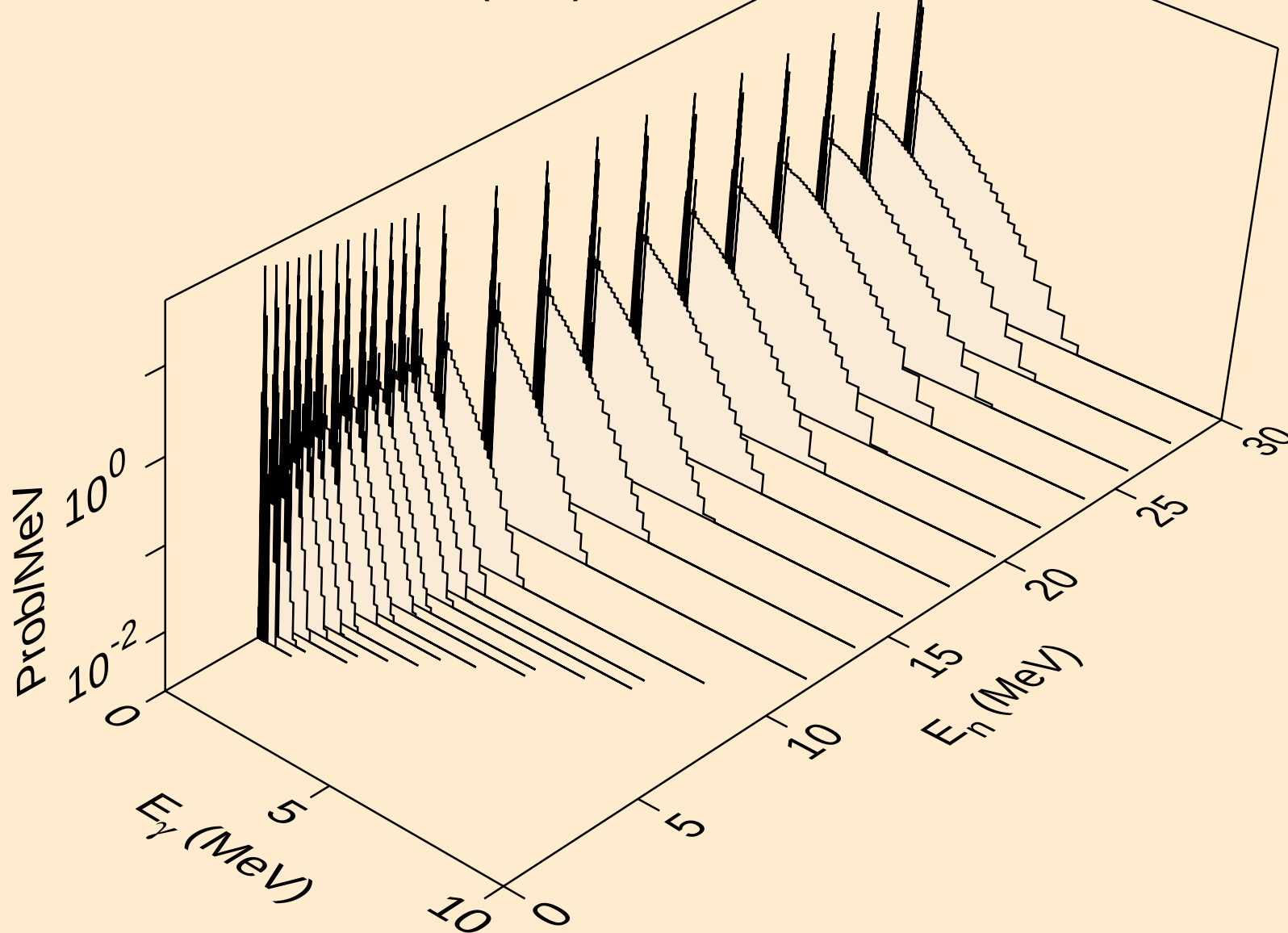
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



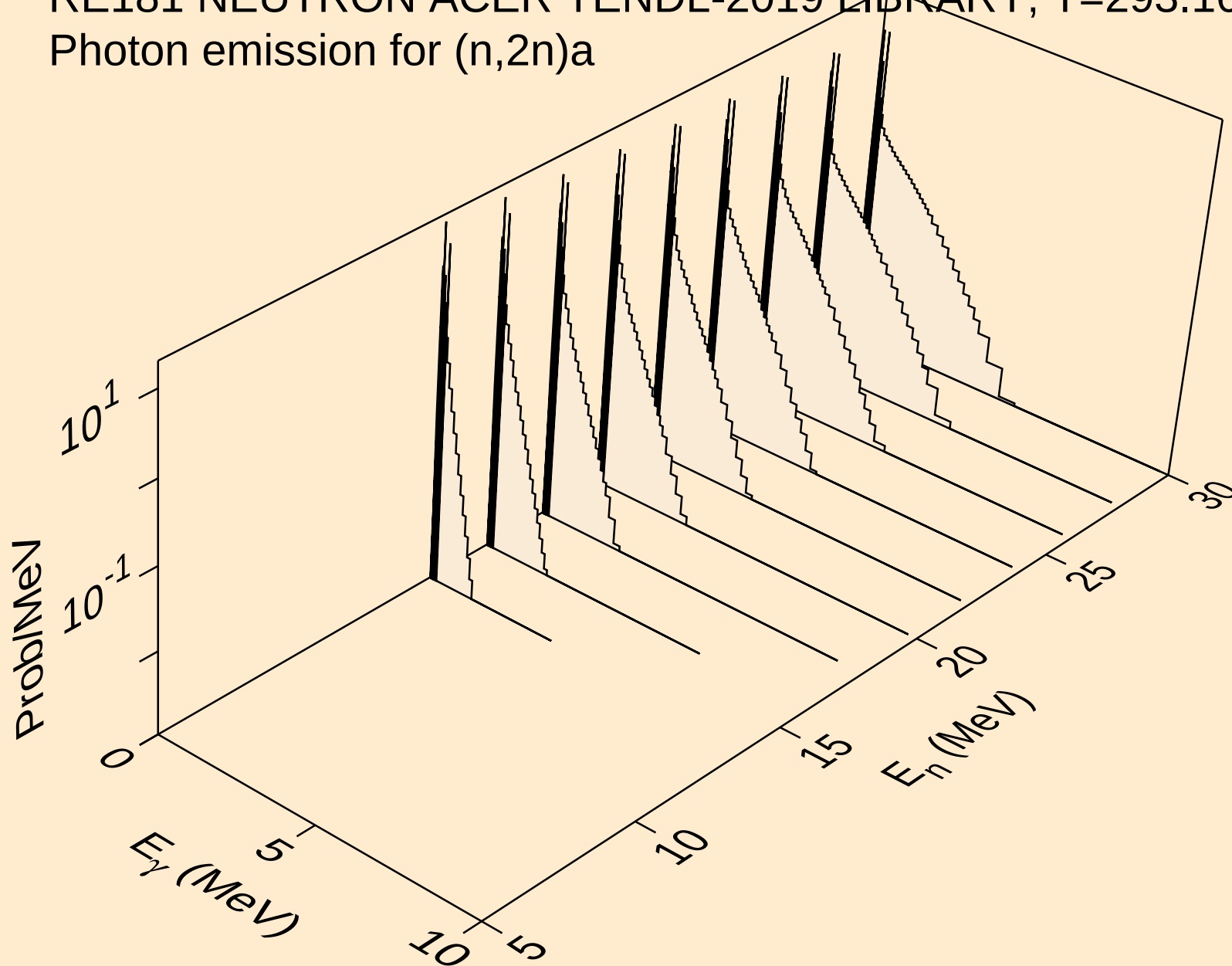
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



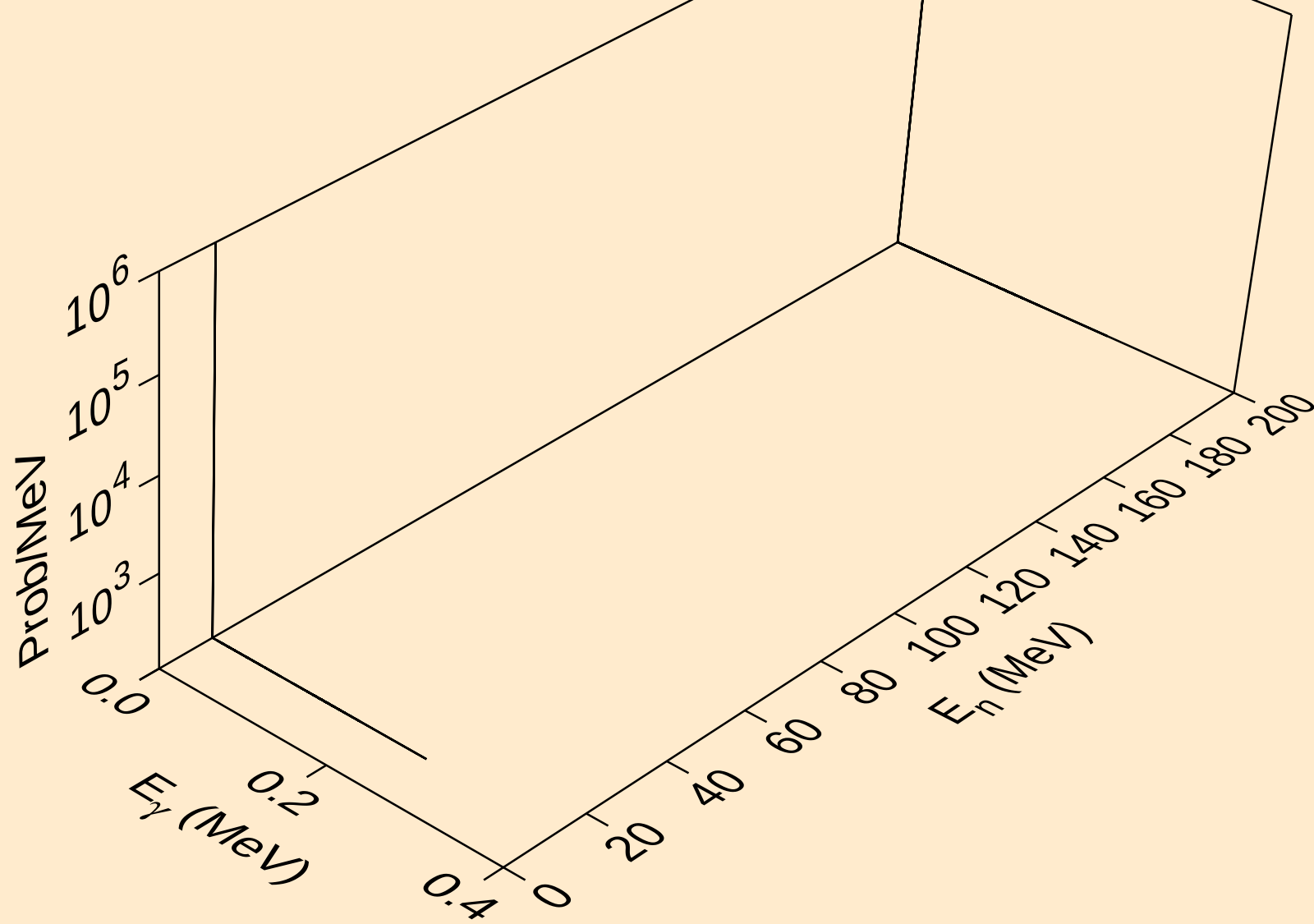
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



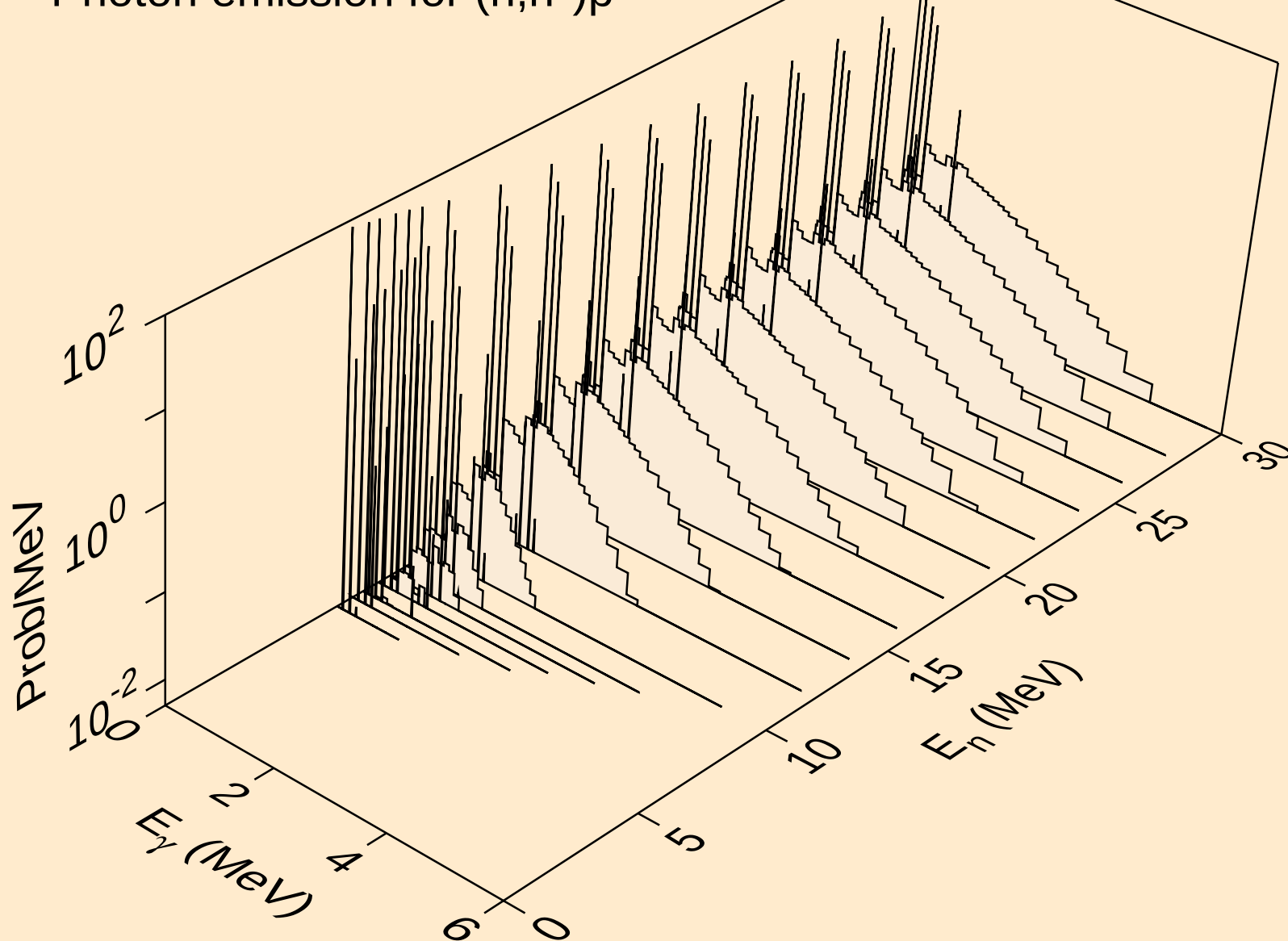
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n) α



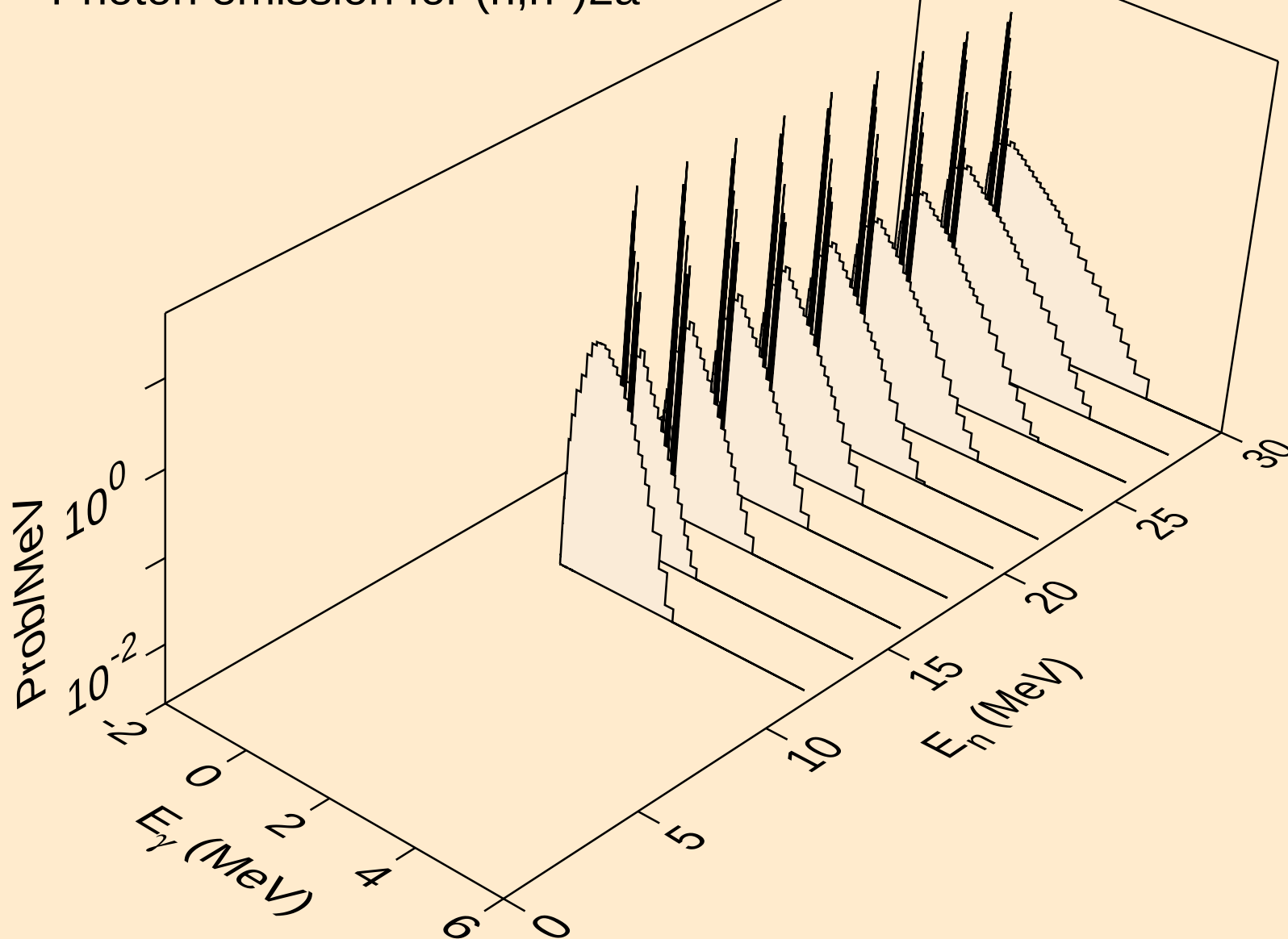
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



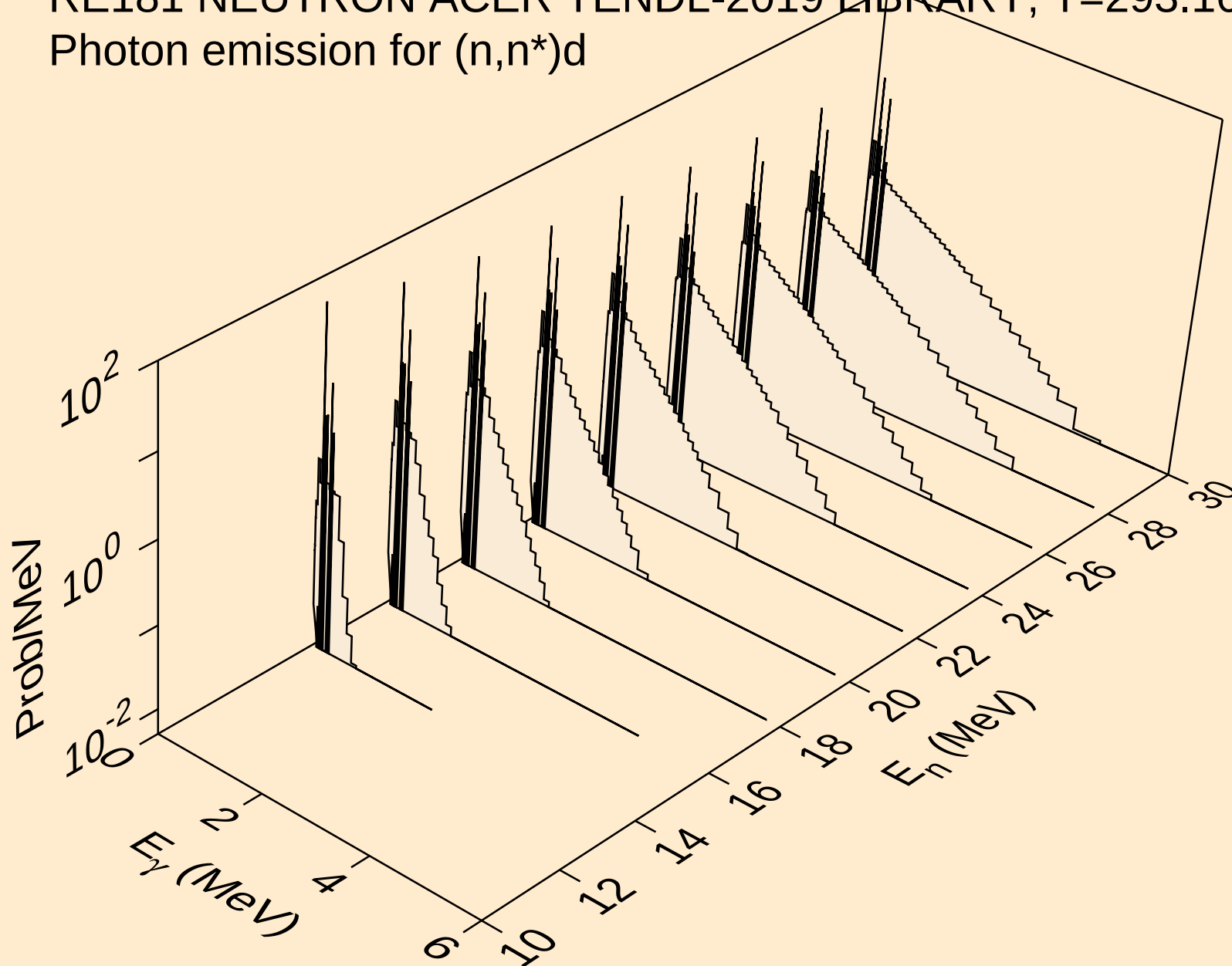
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



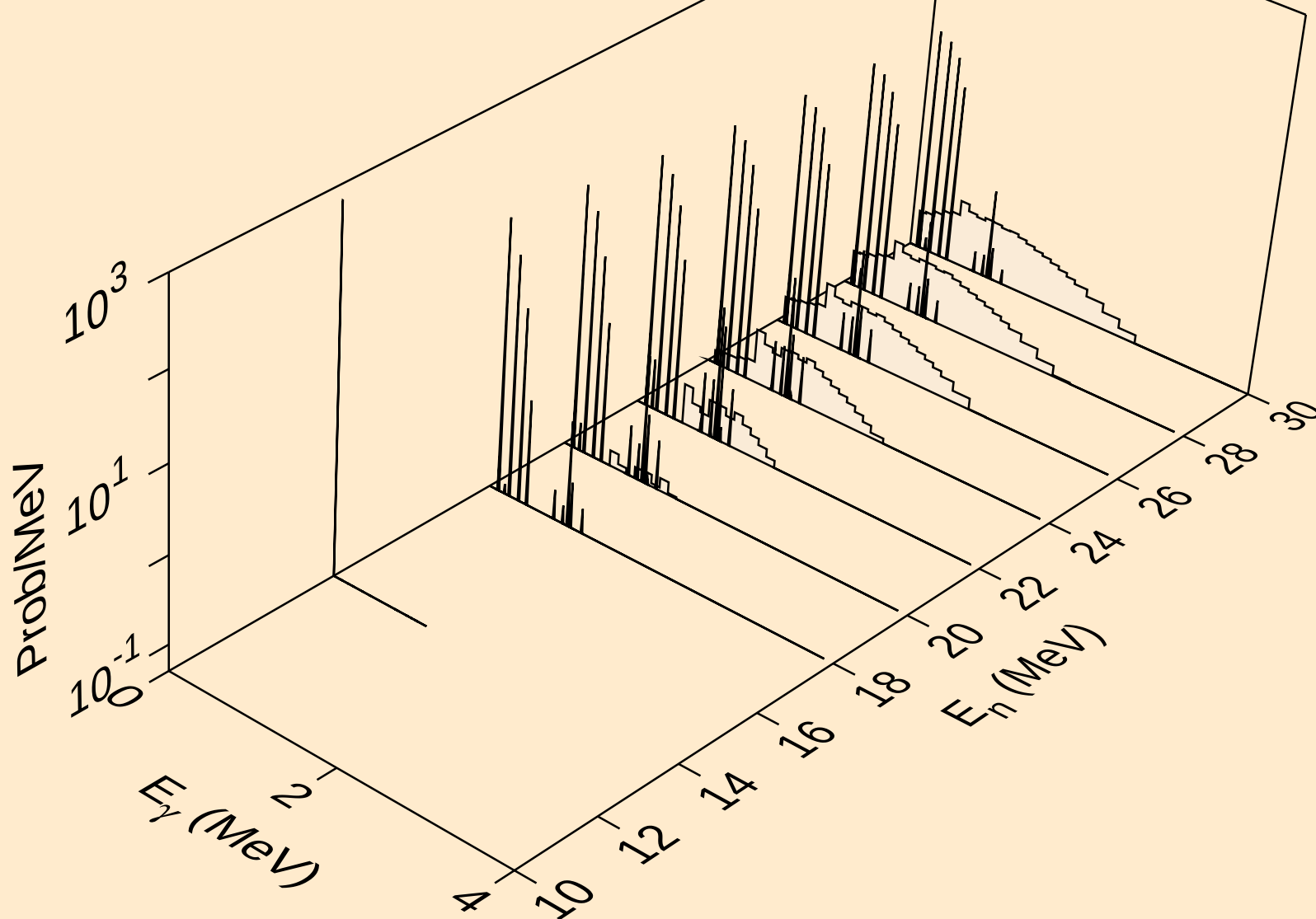
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



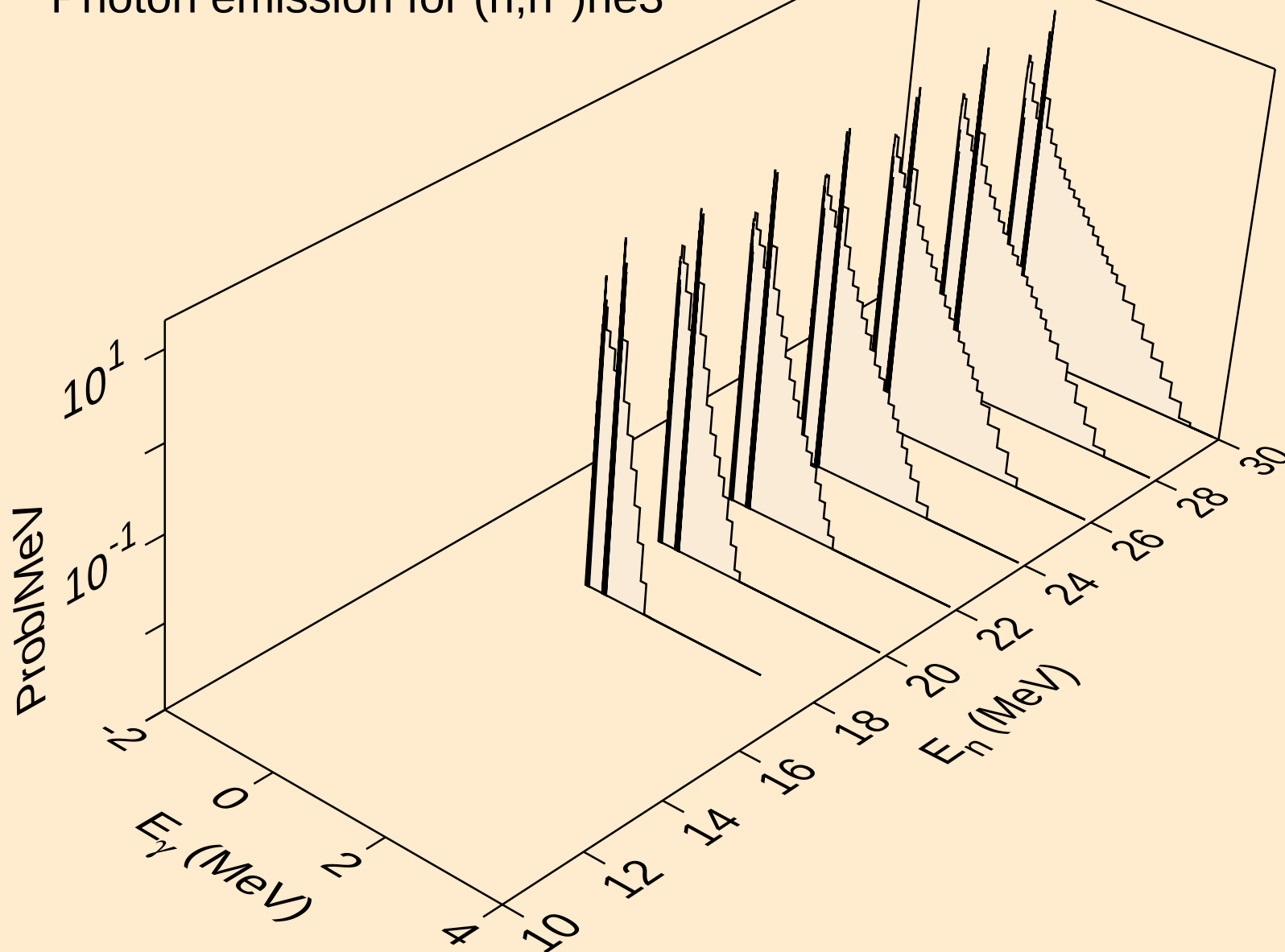
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



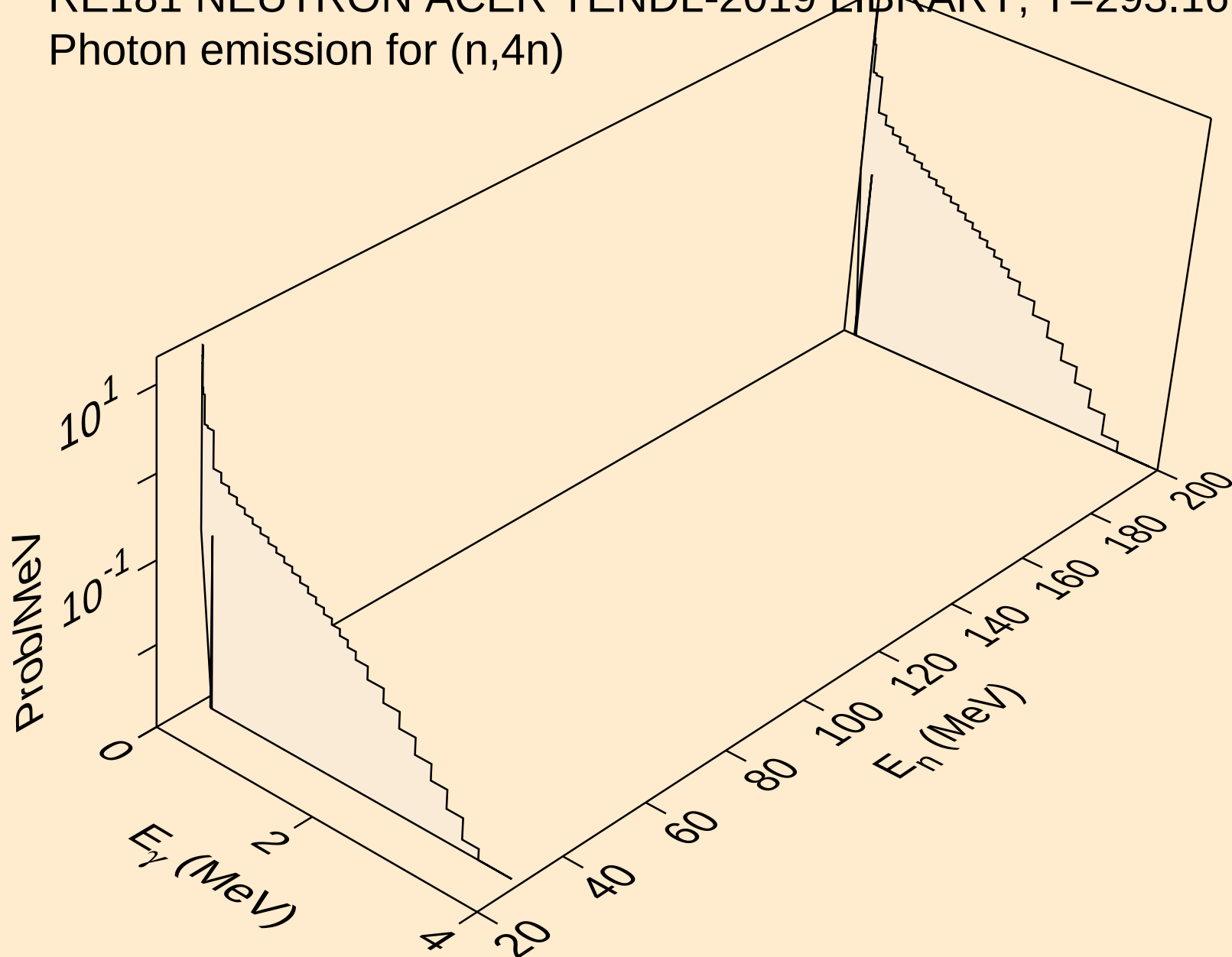
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



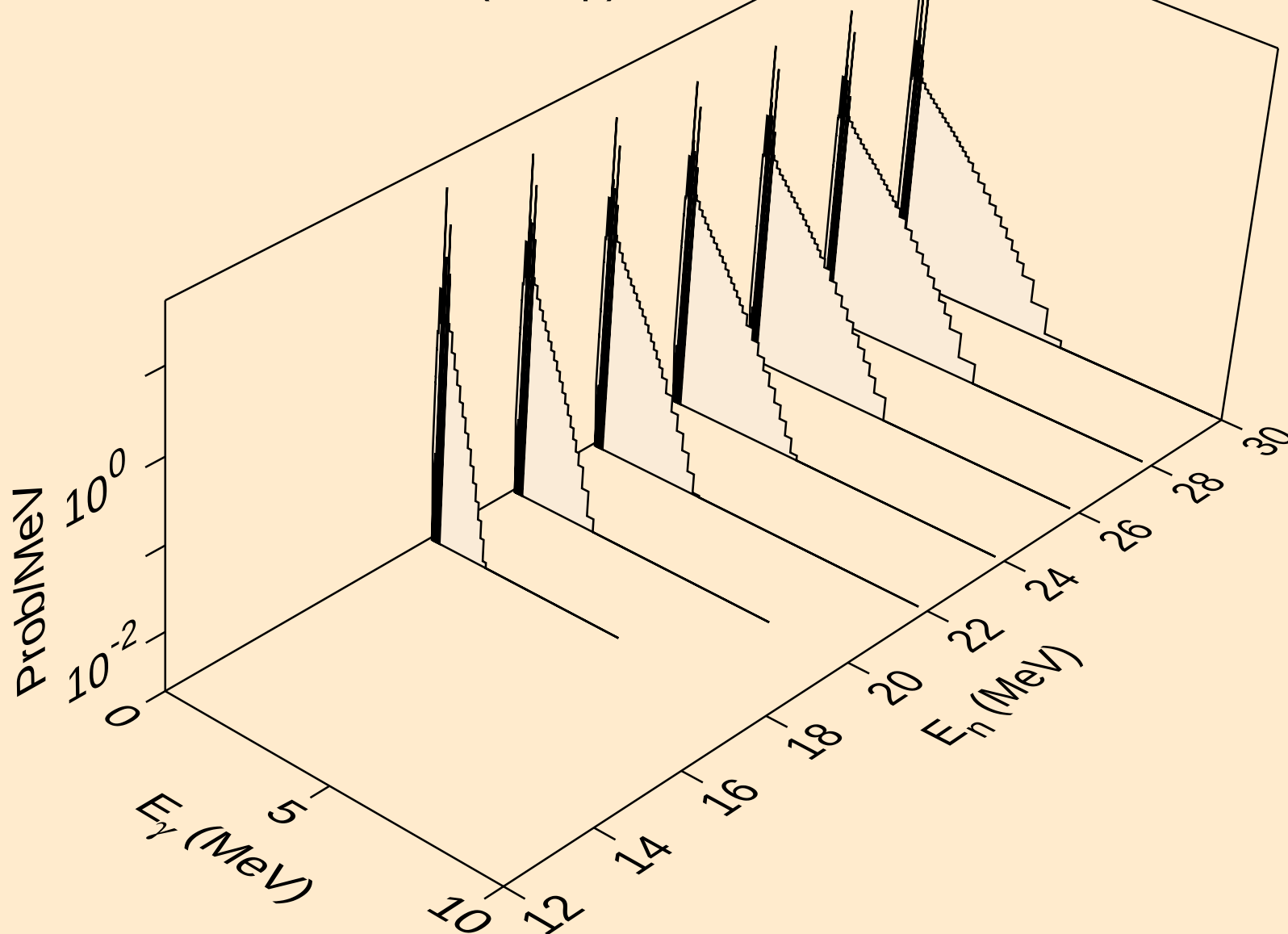
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



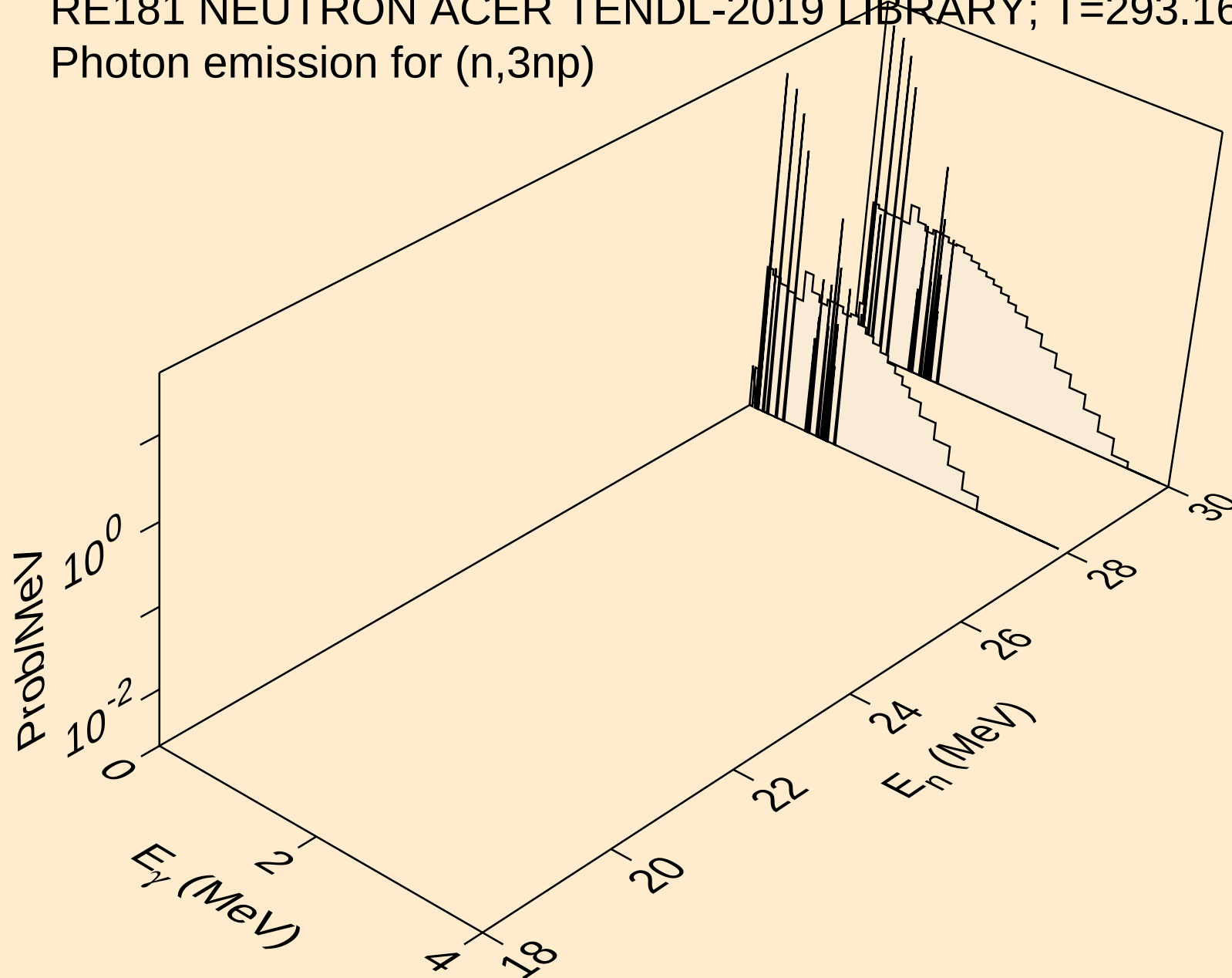
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



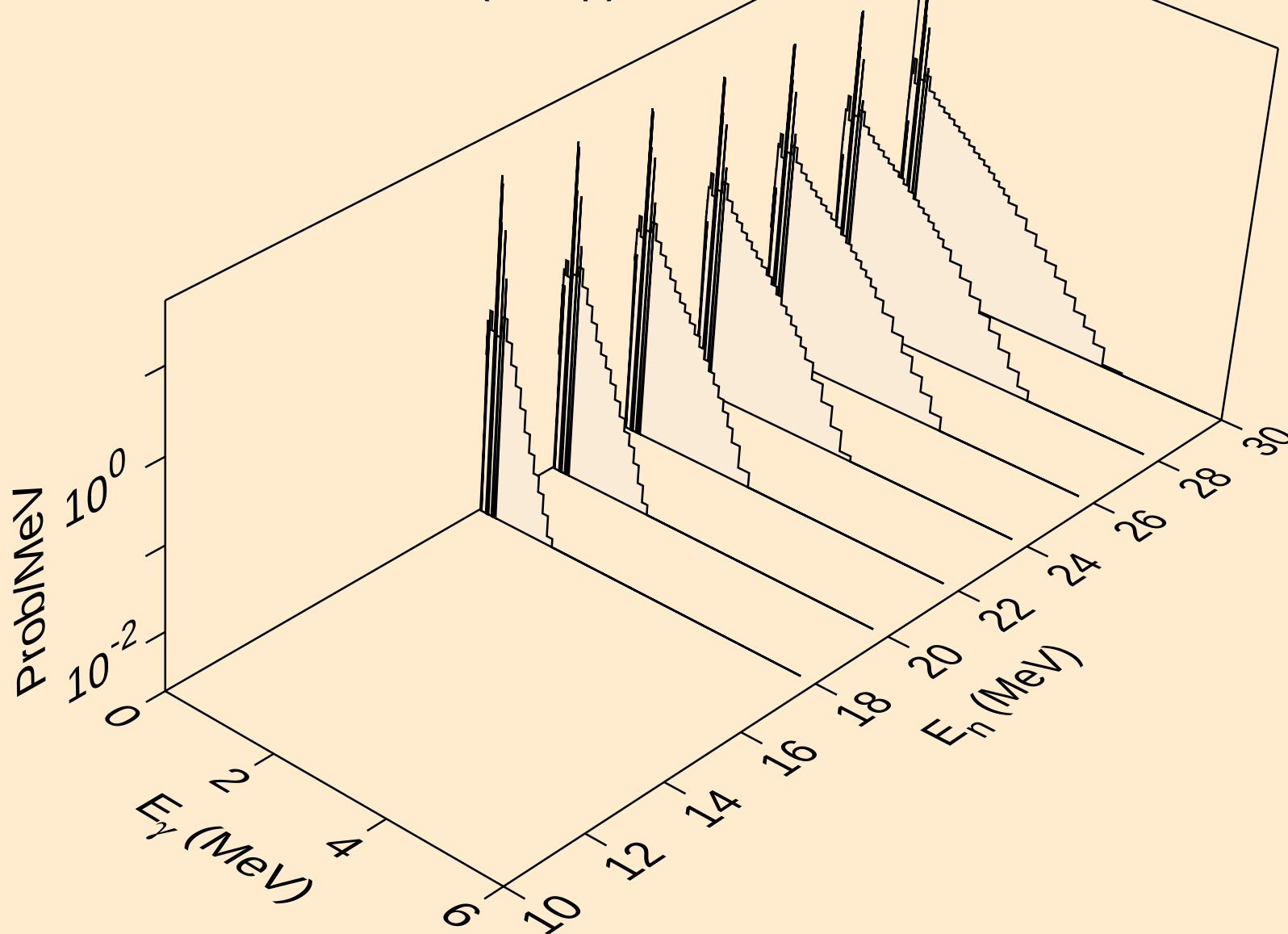
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



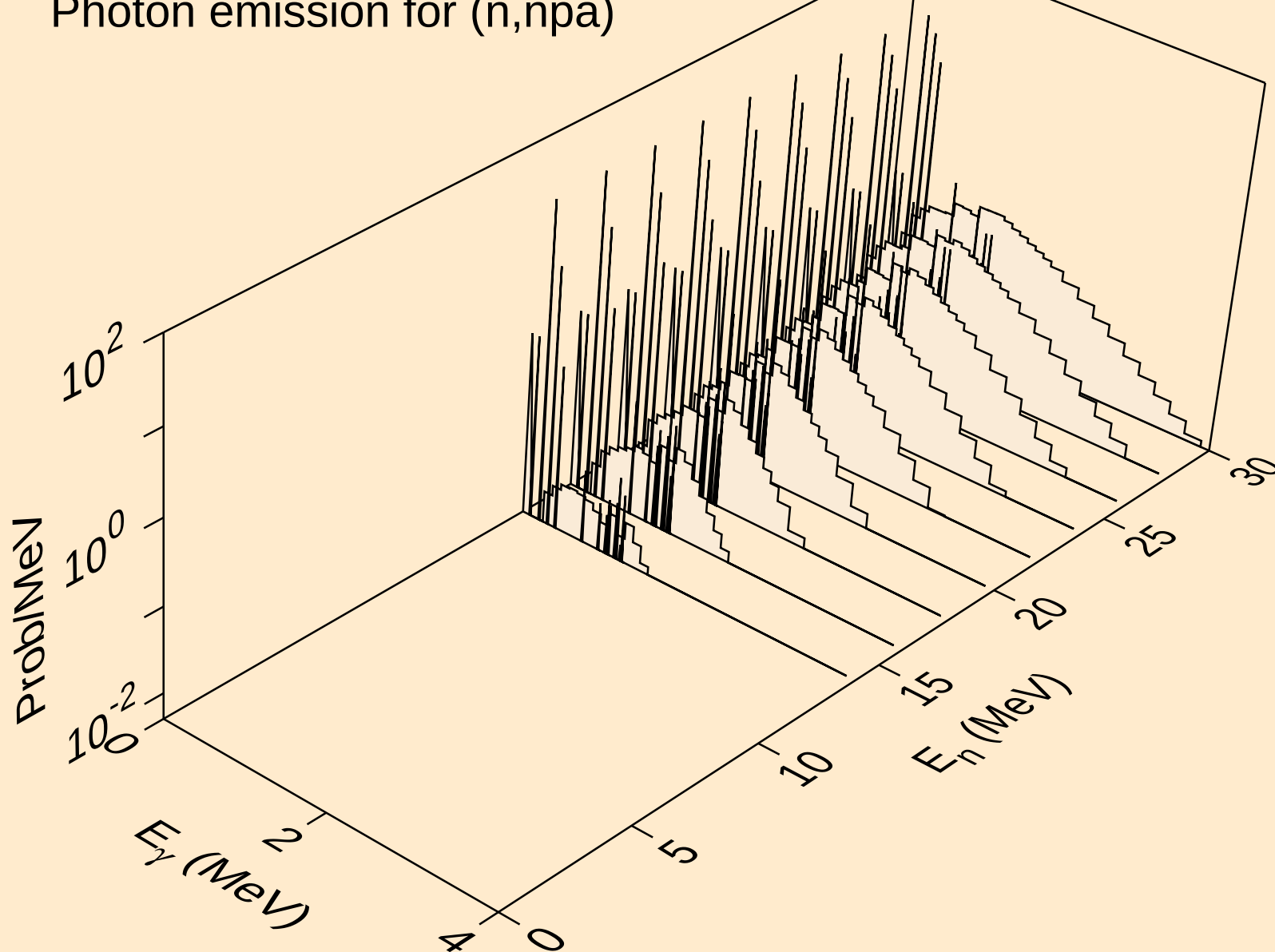
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



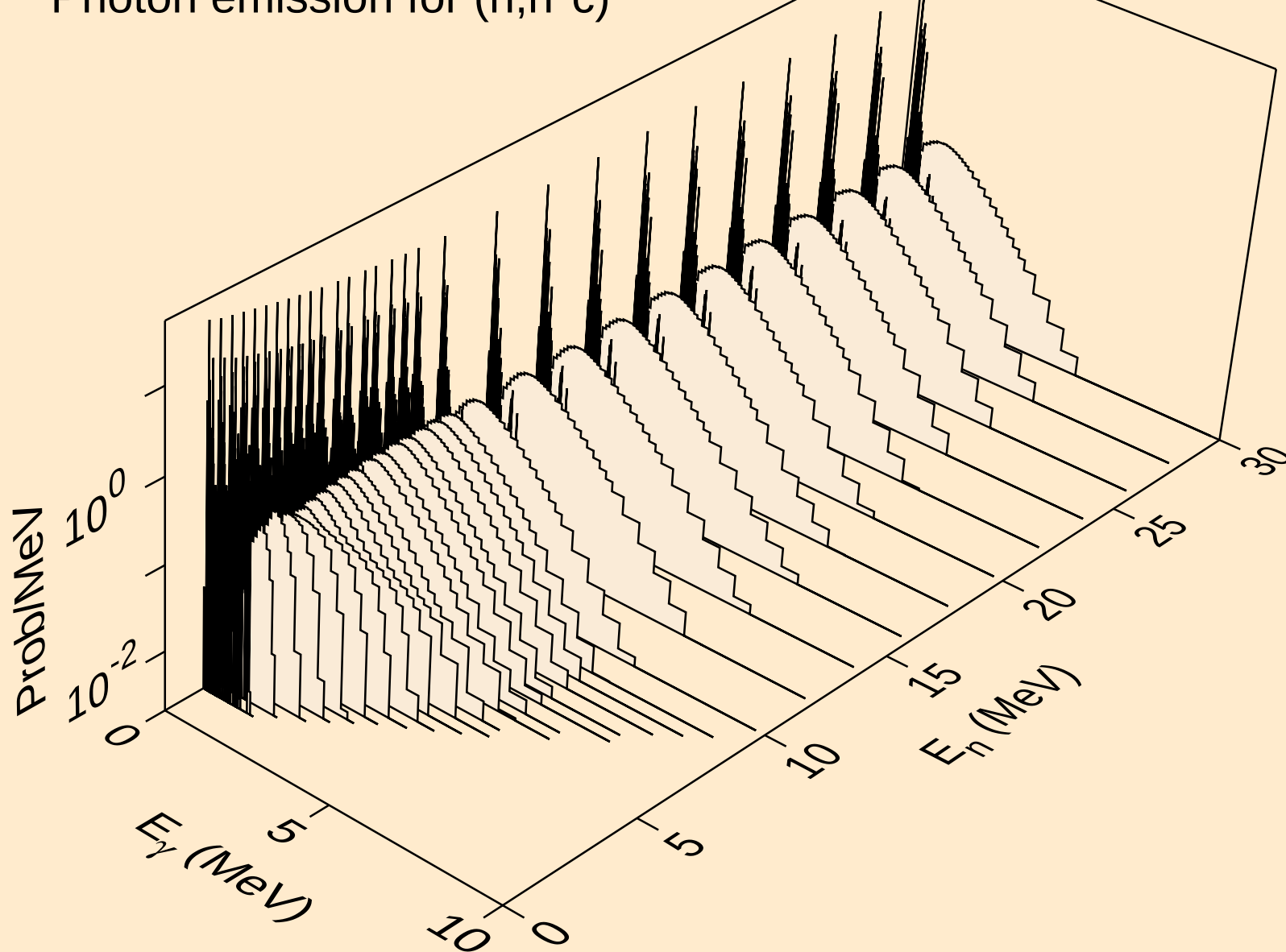
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



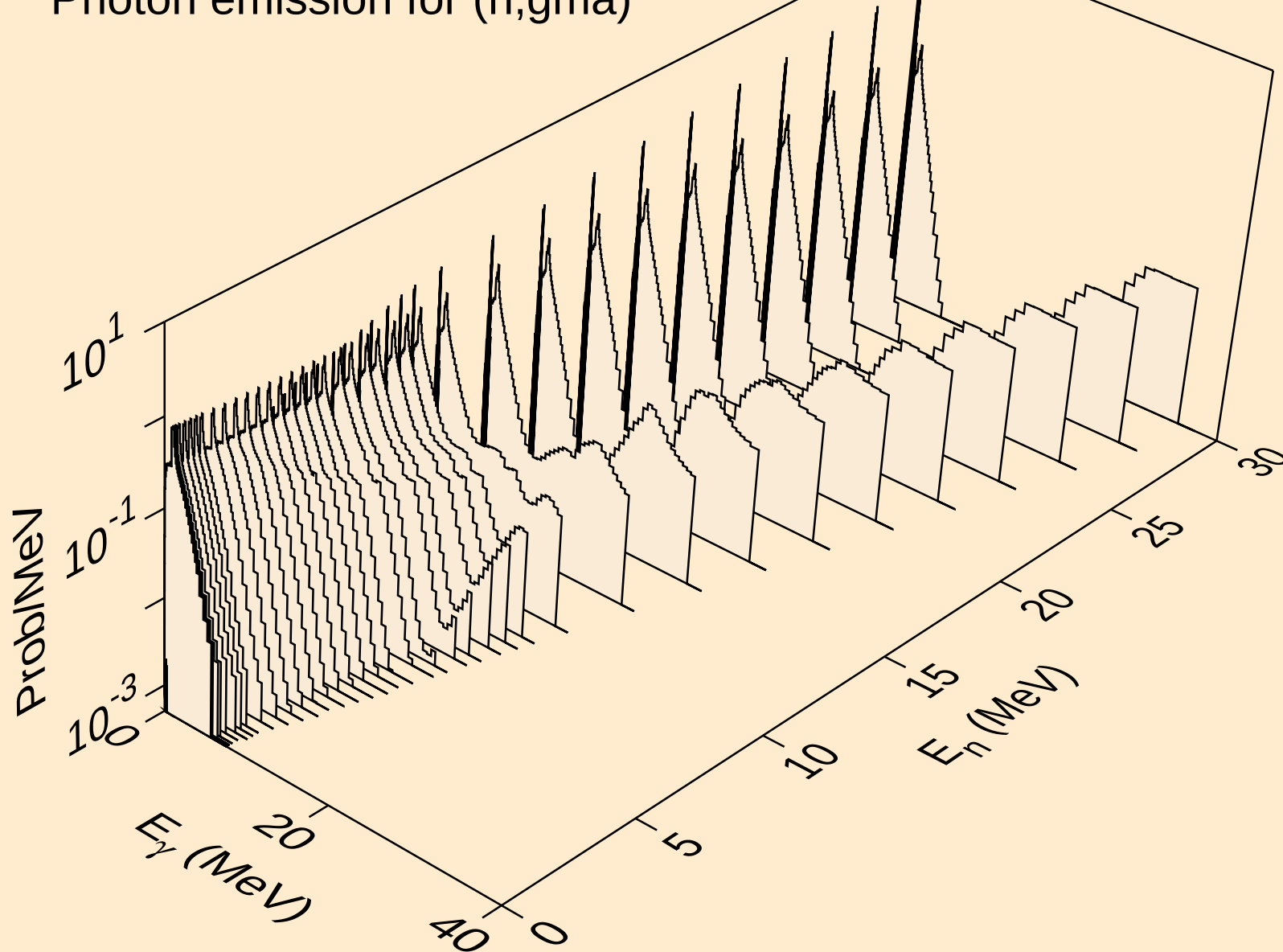
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



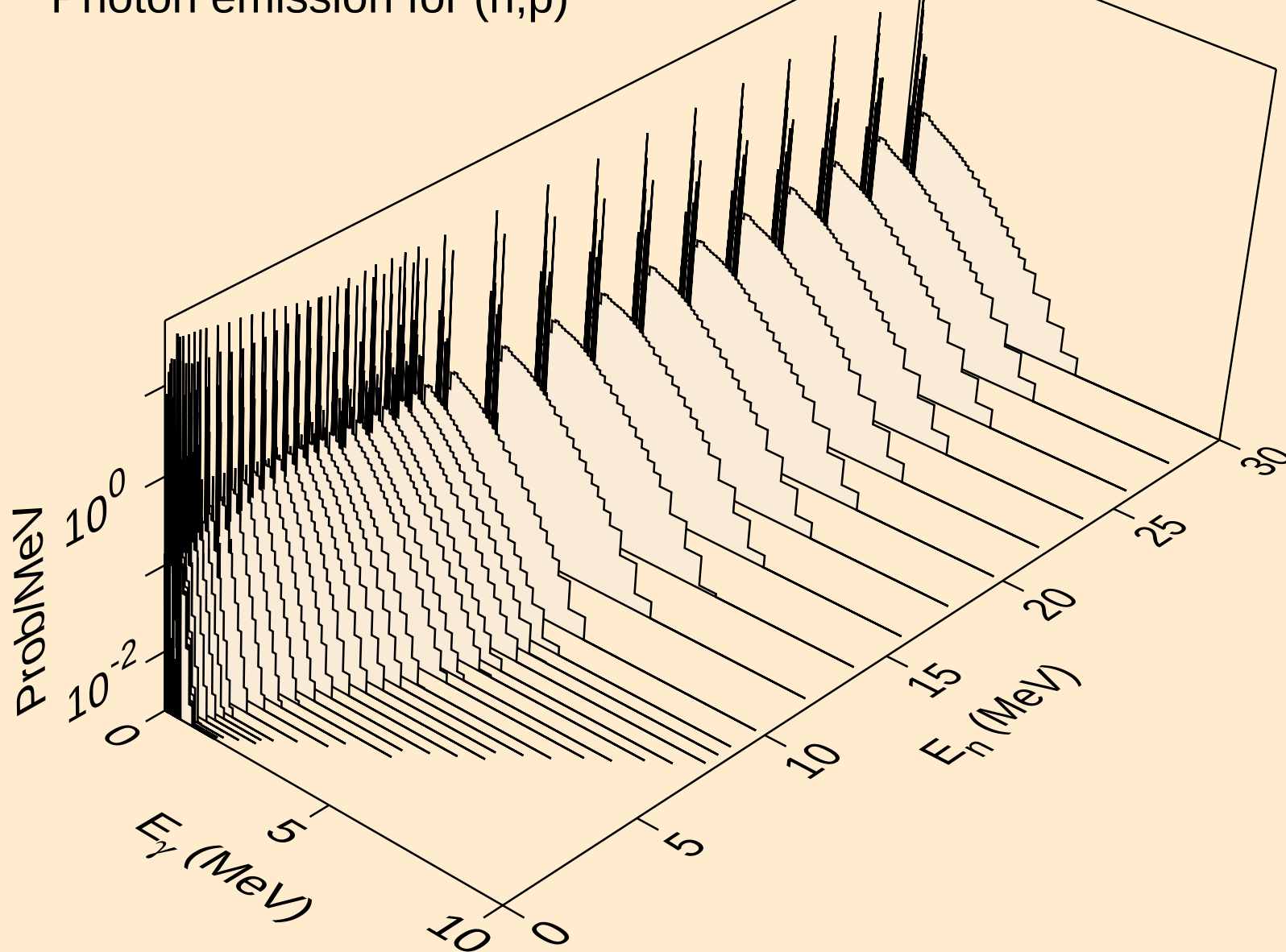
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



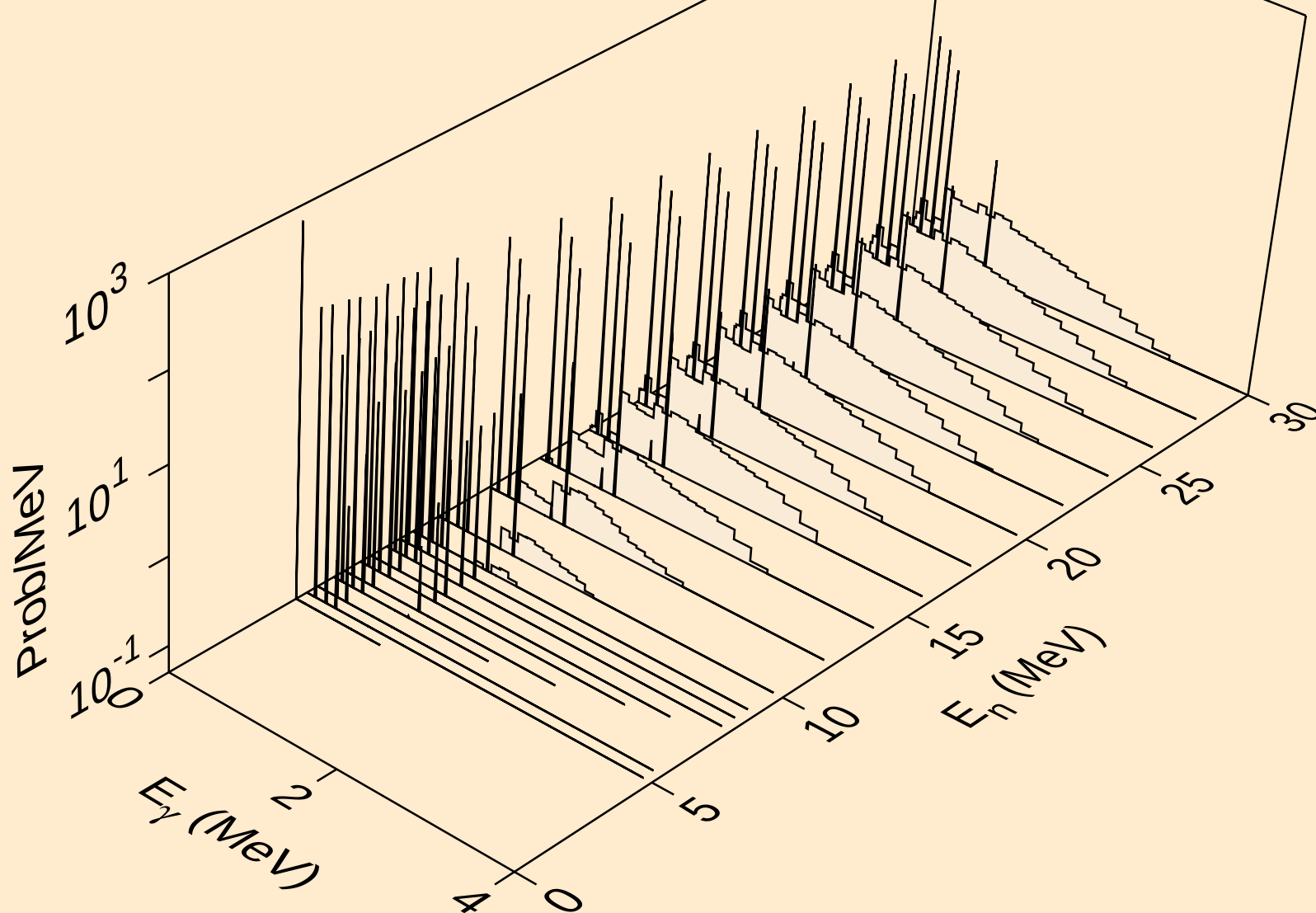
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



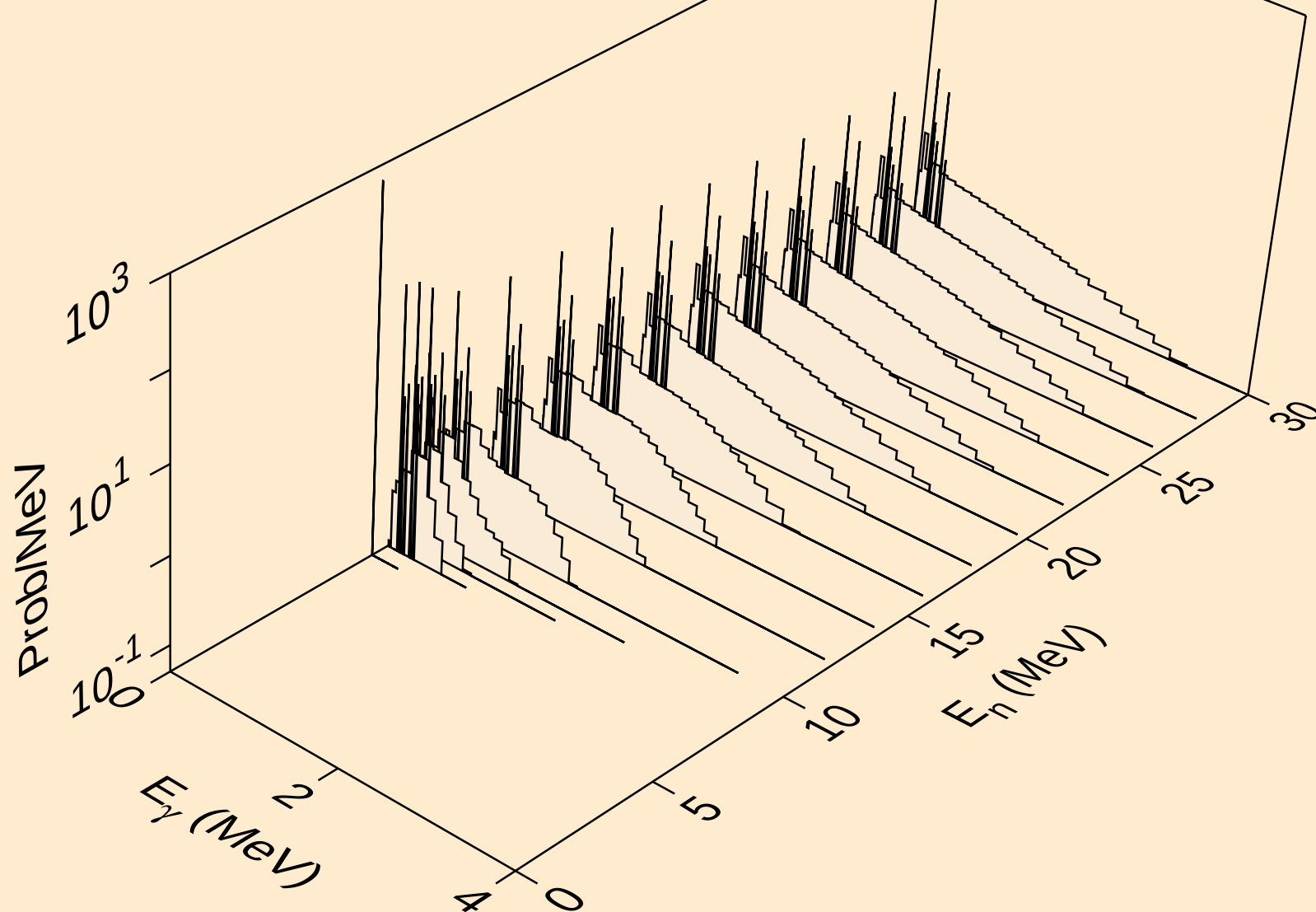
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



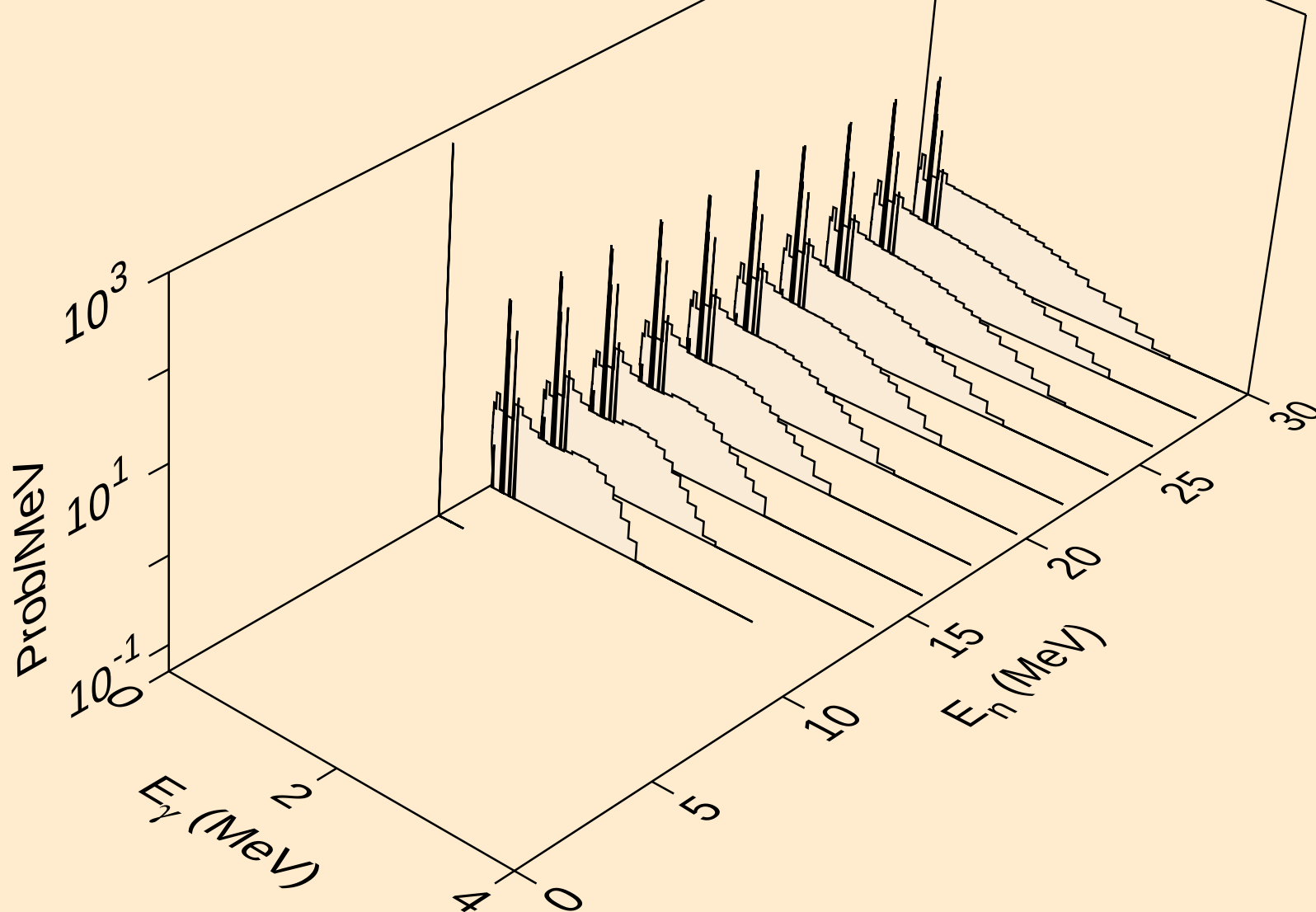
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



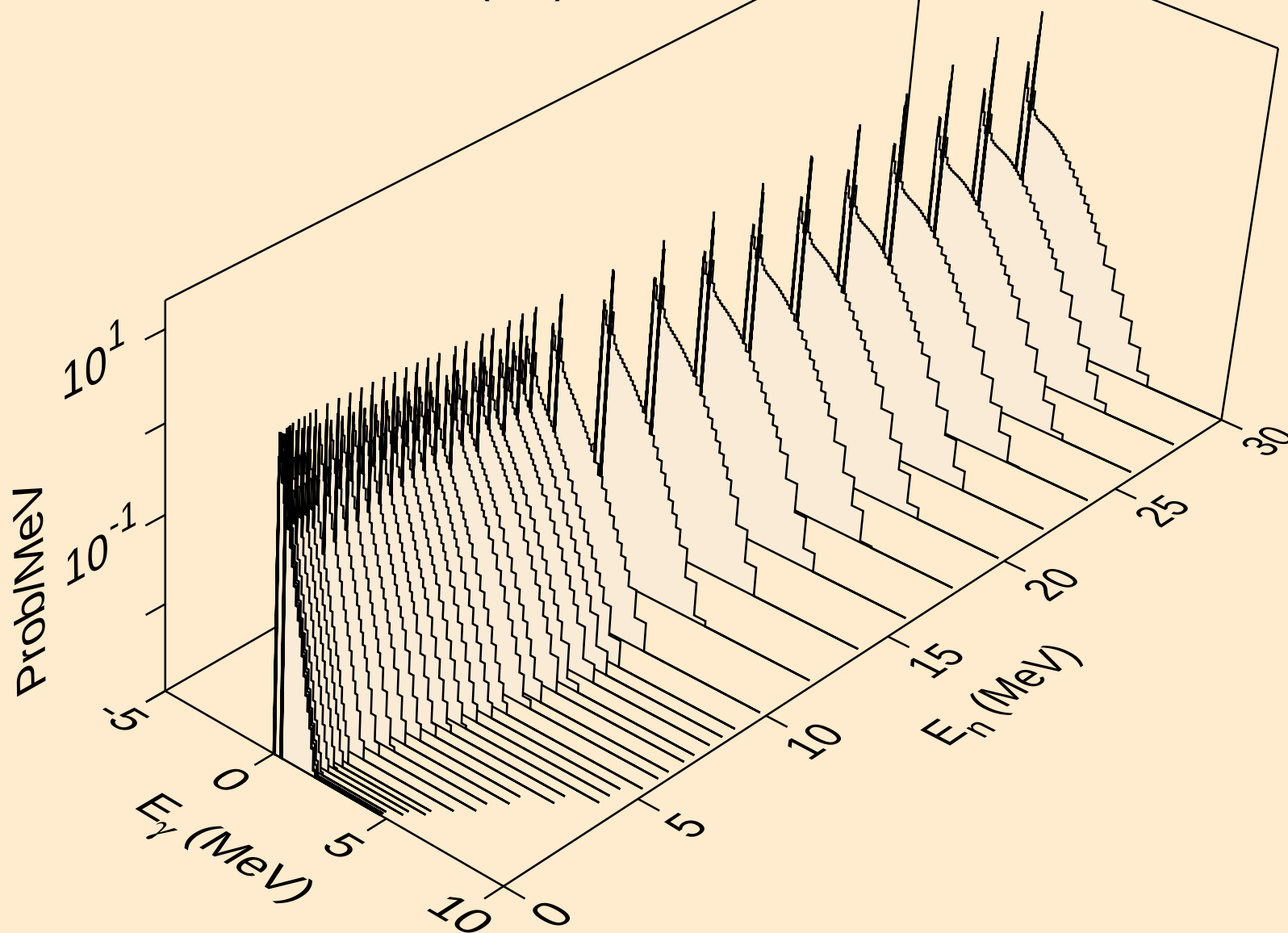
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



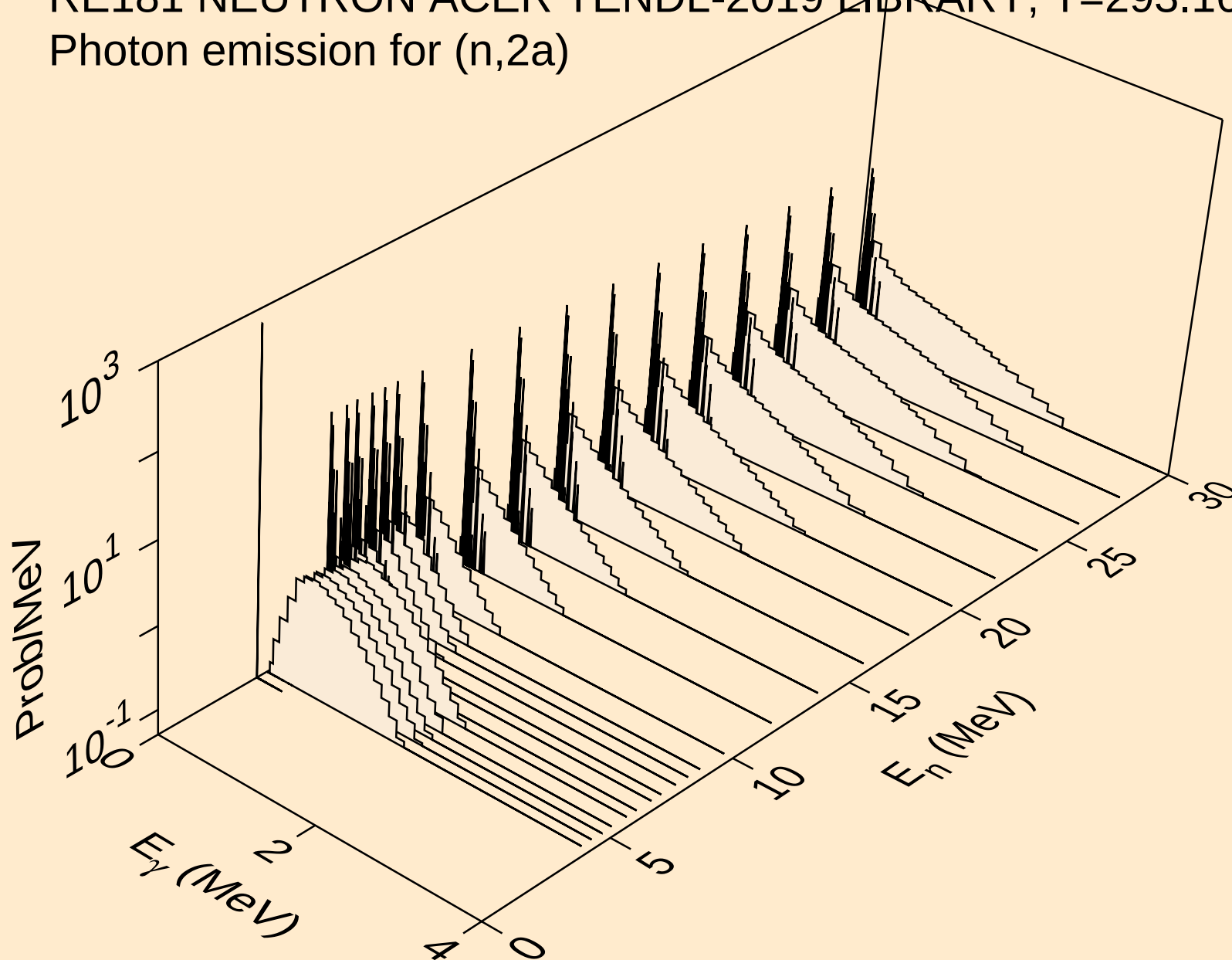
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



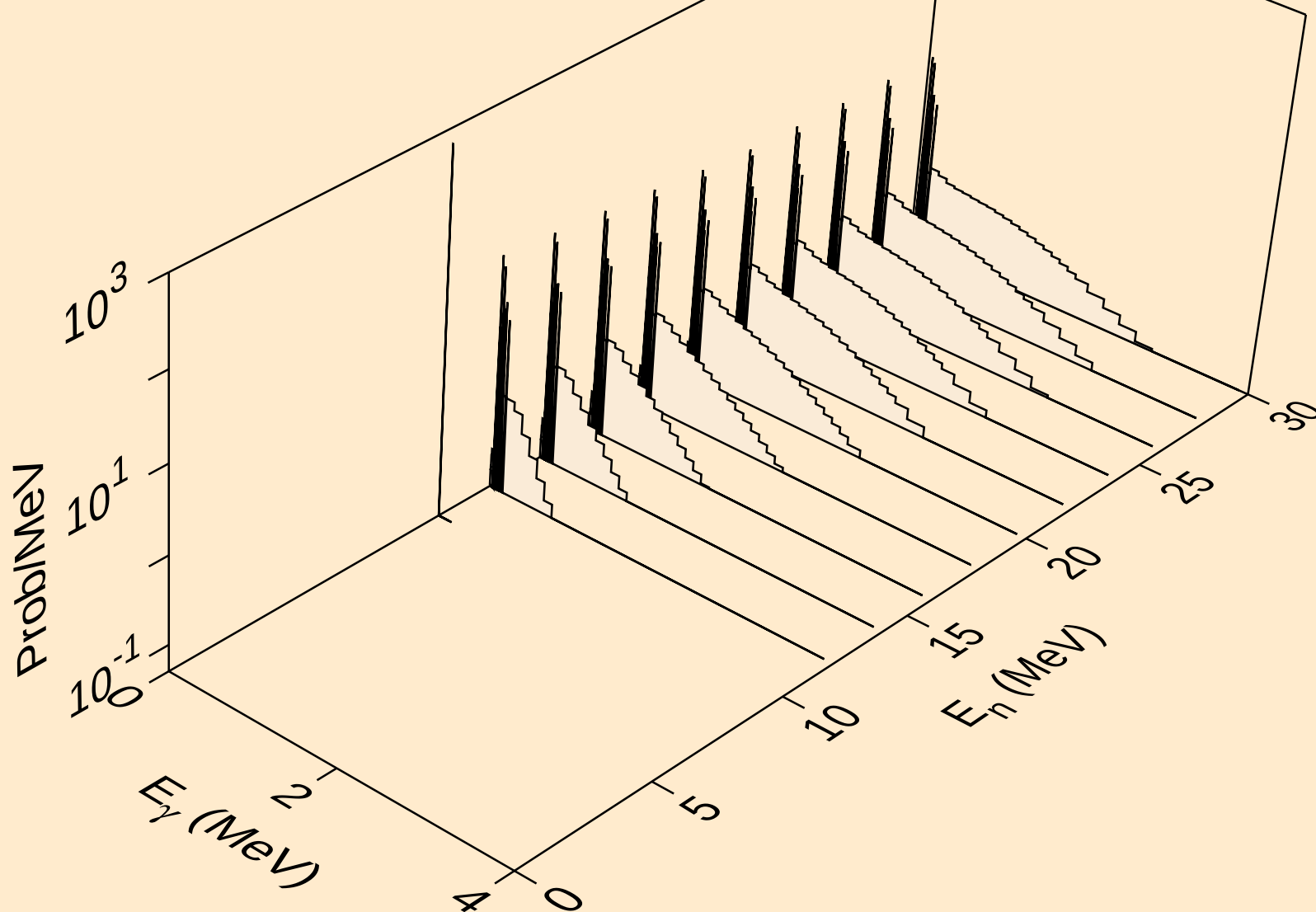
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



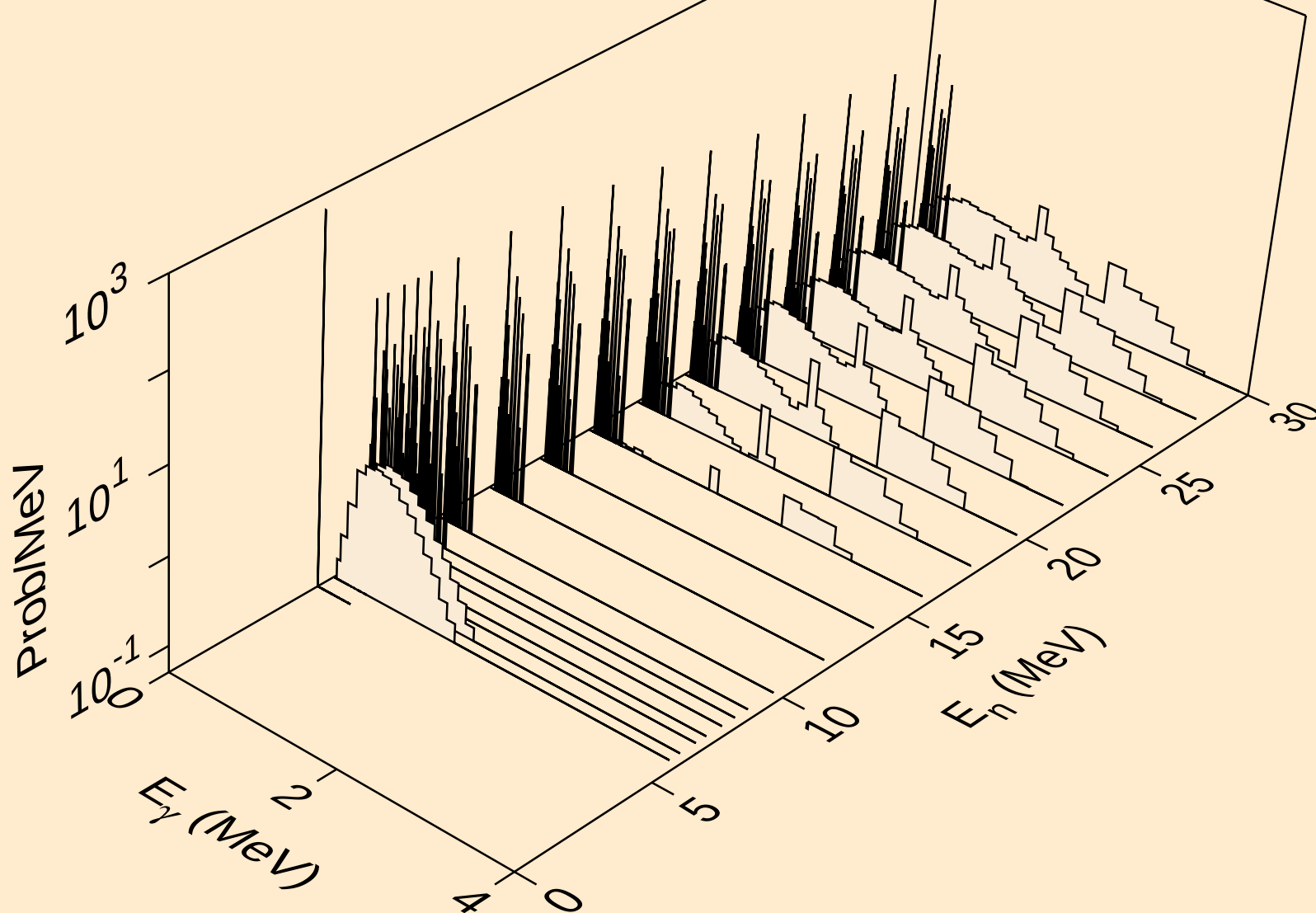
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



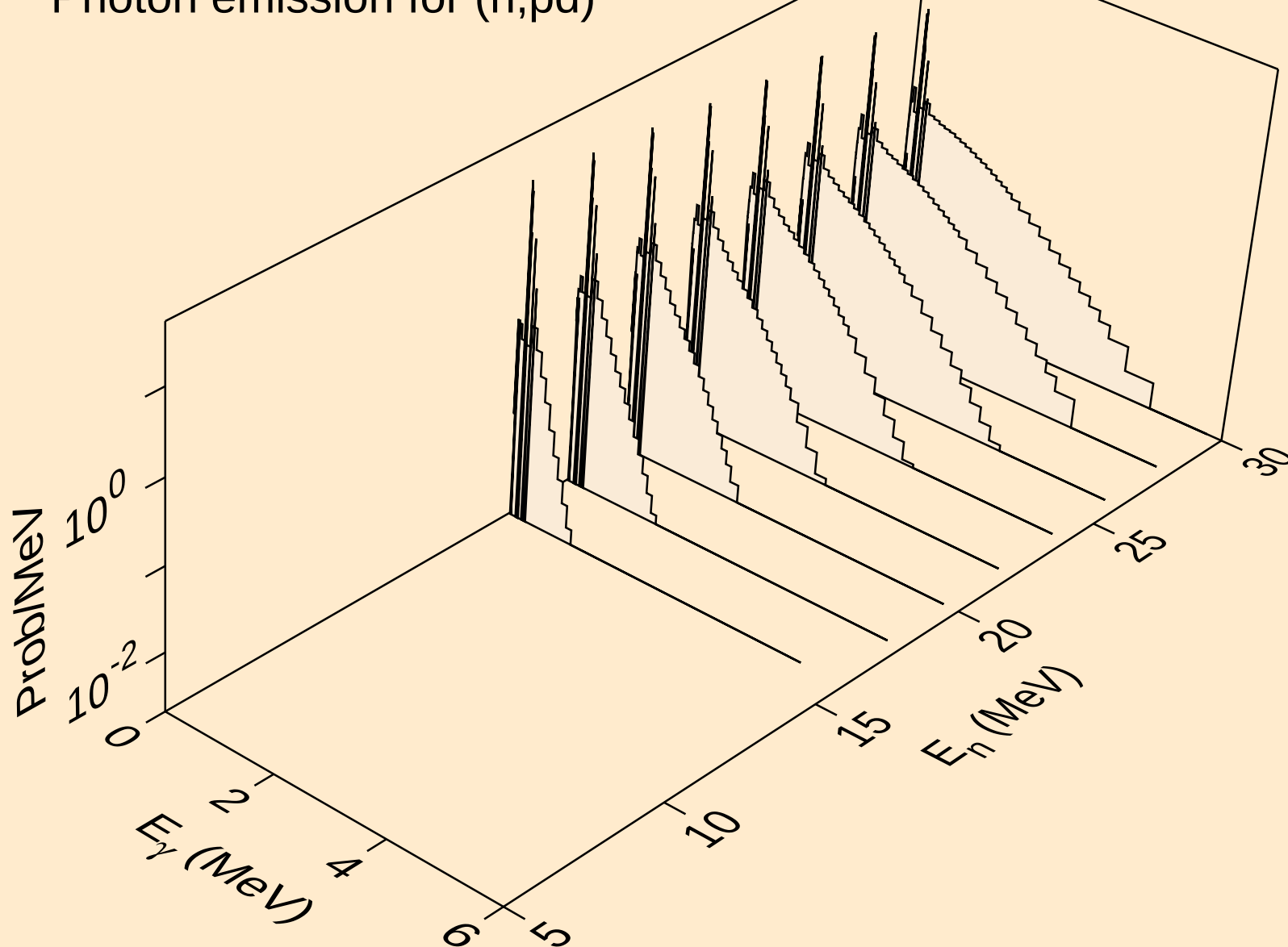
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



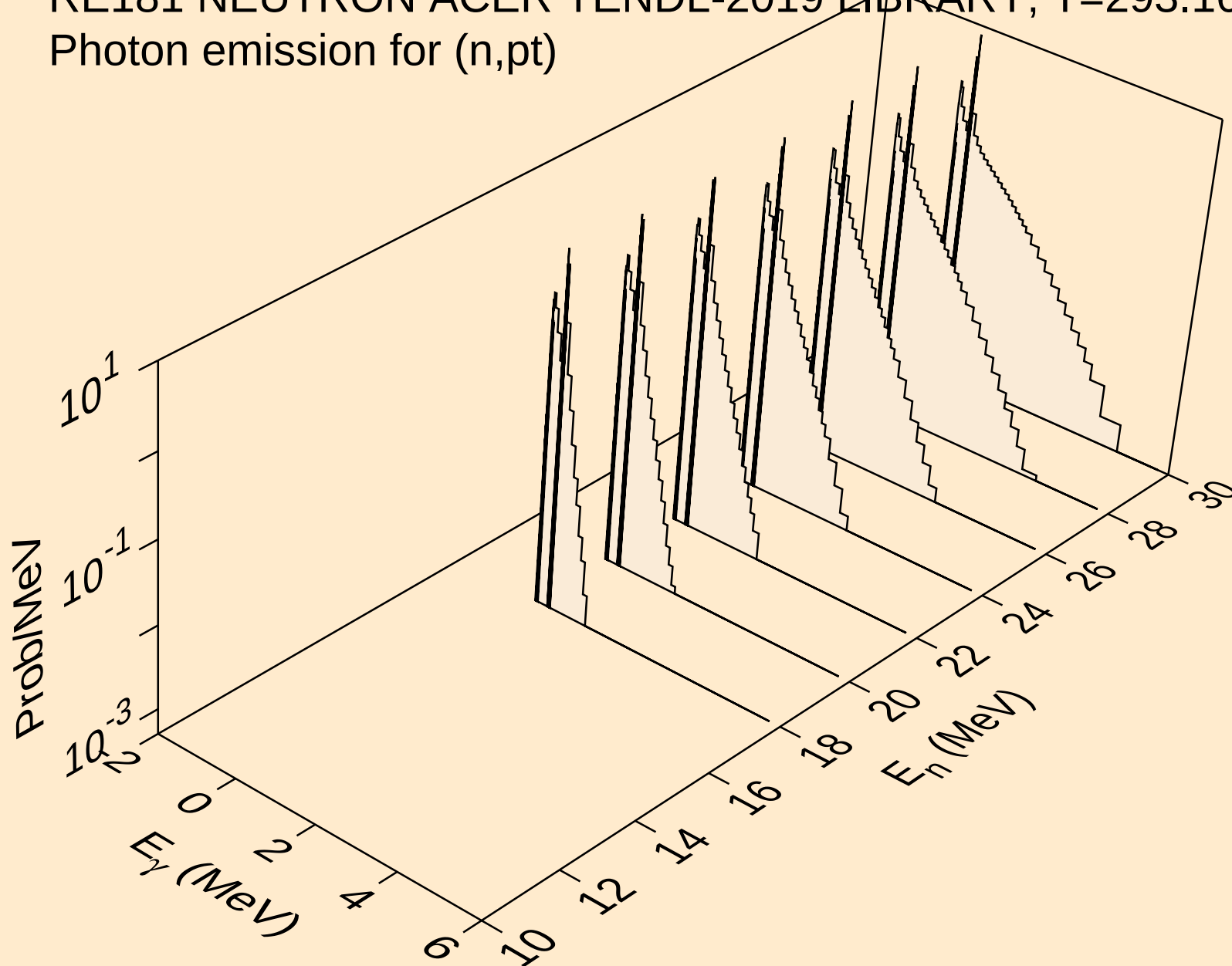
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



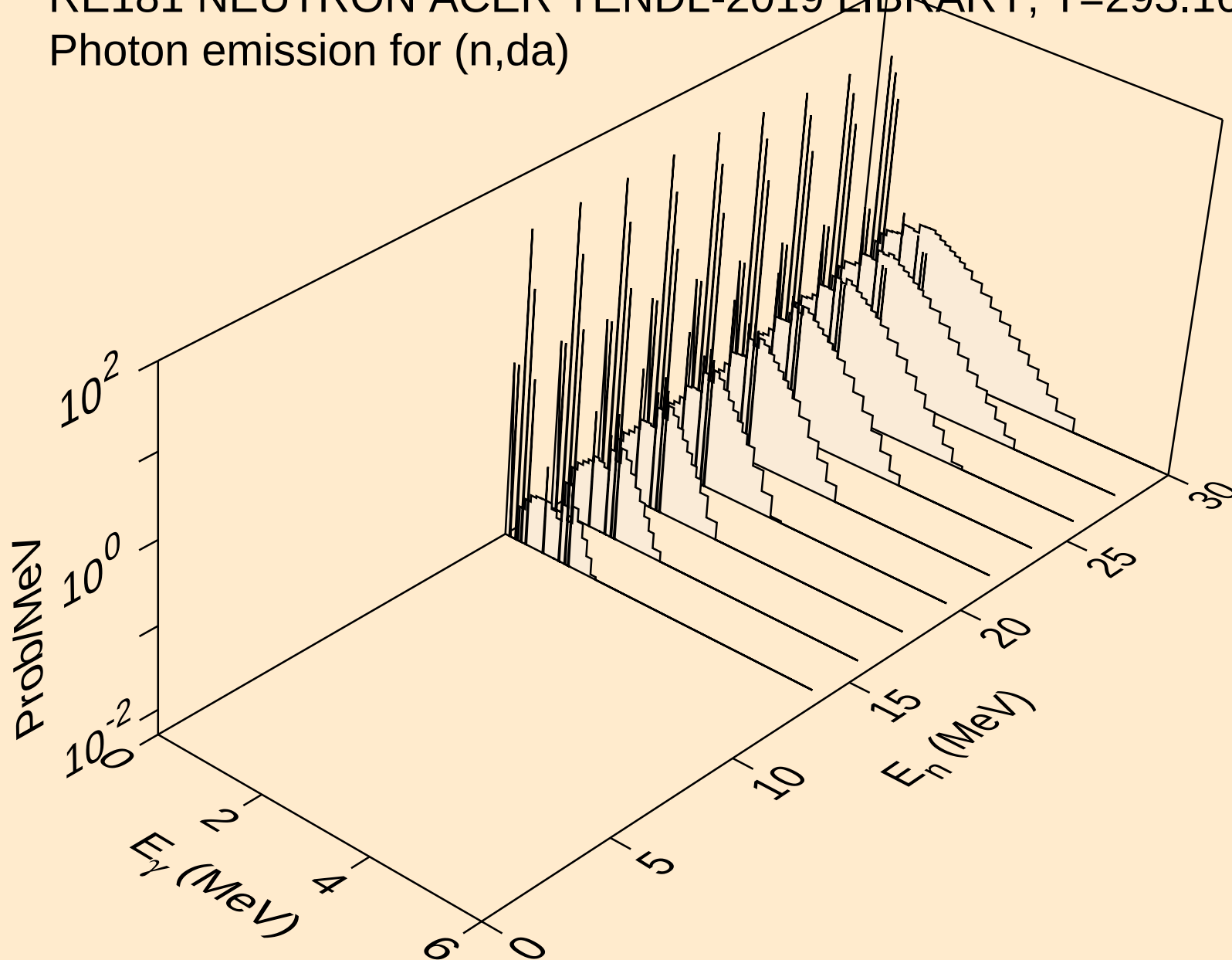
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



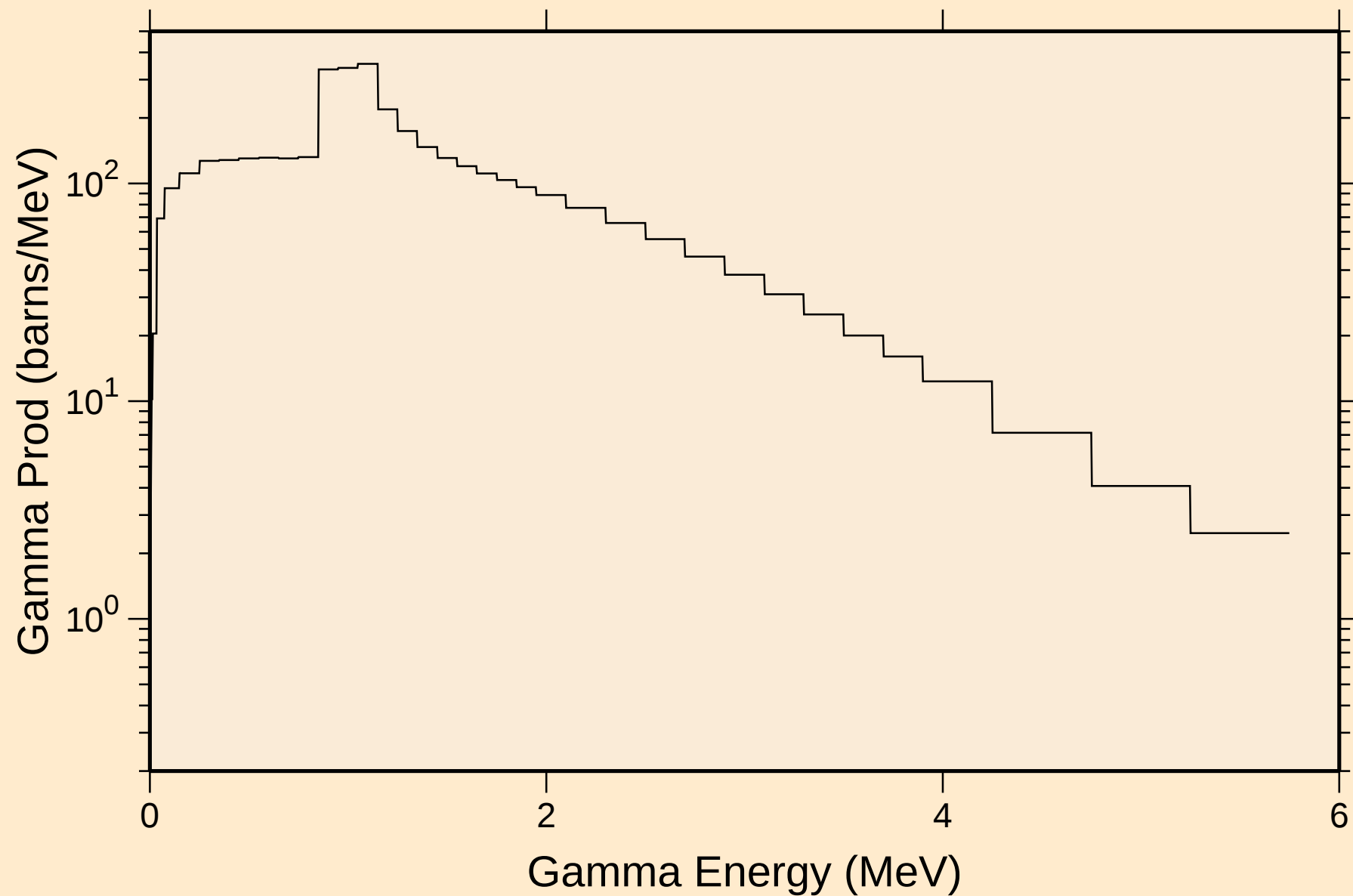
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



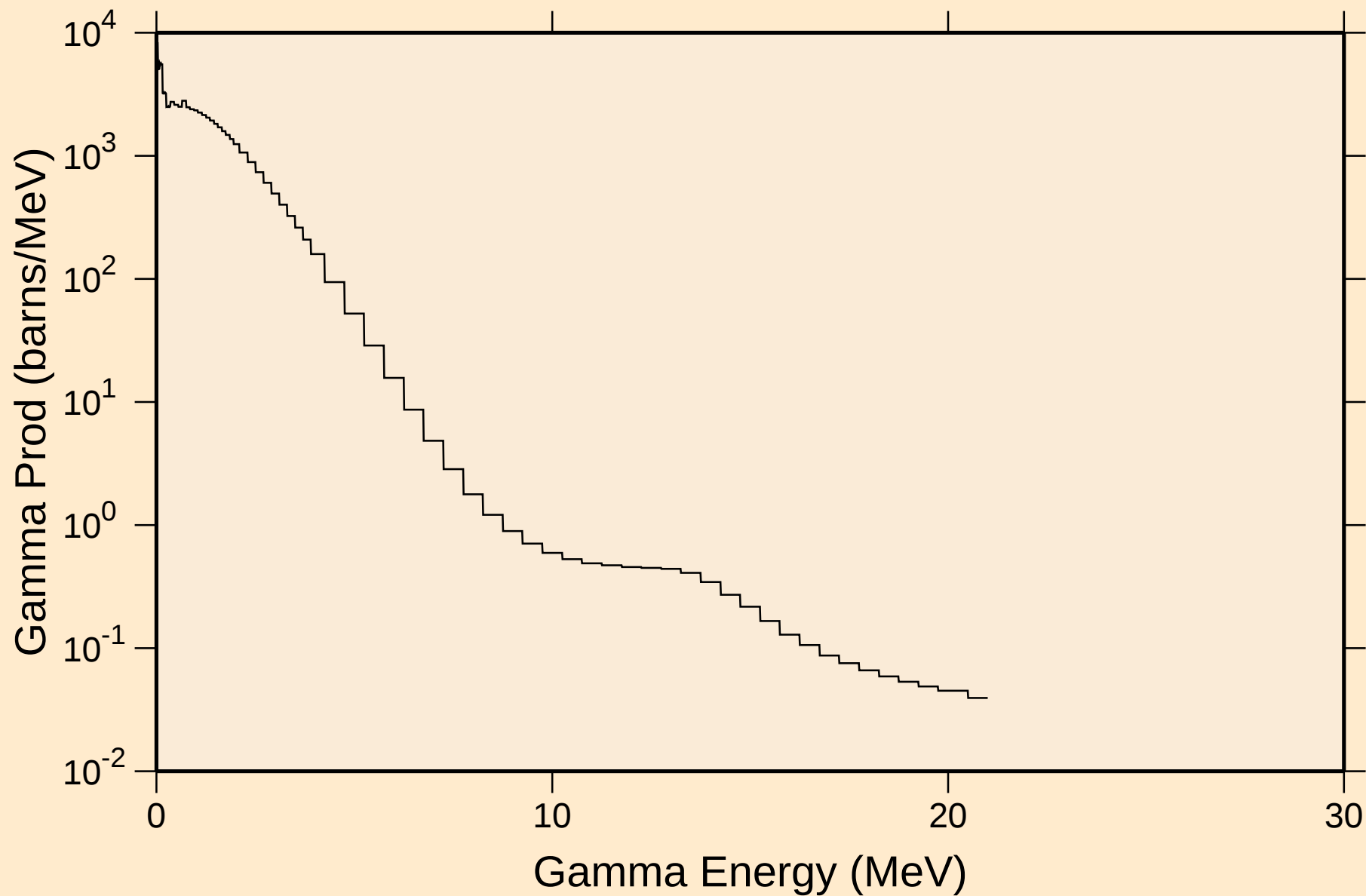
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



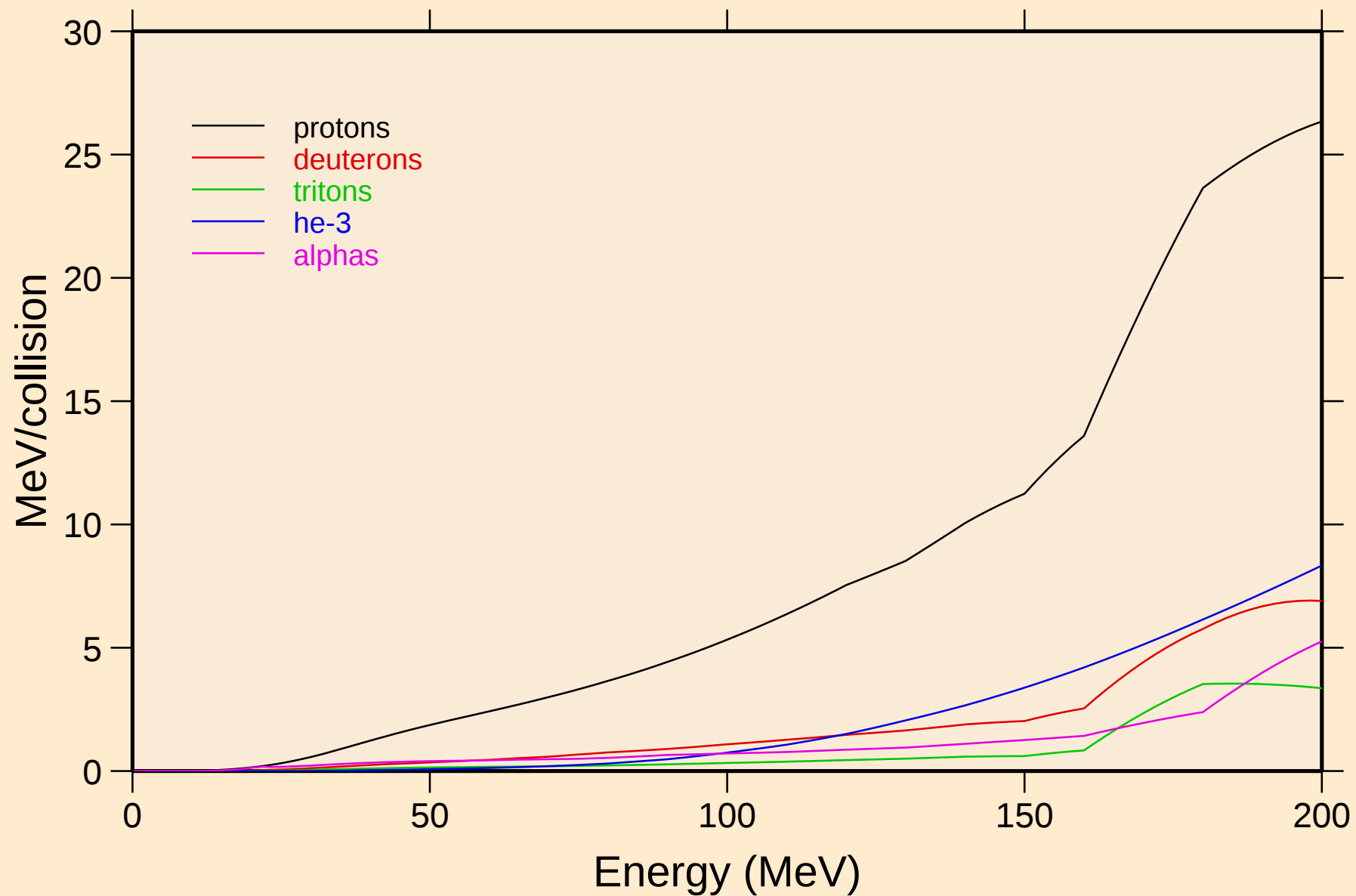
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



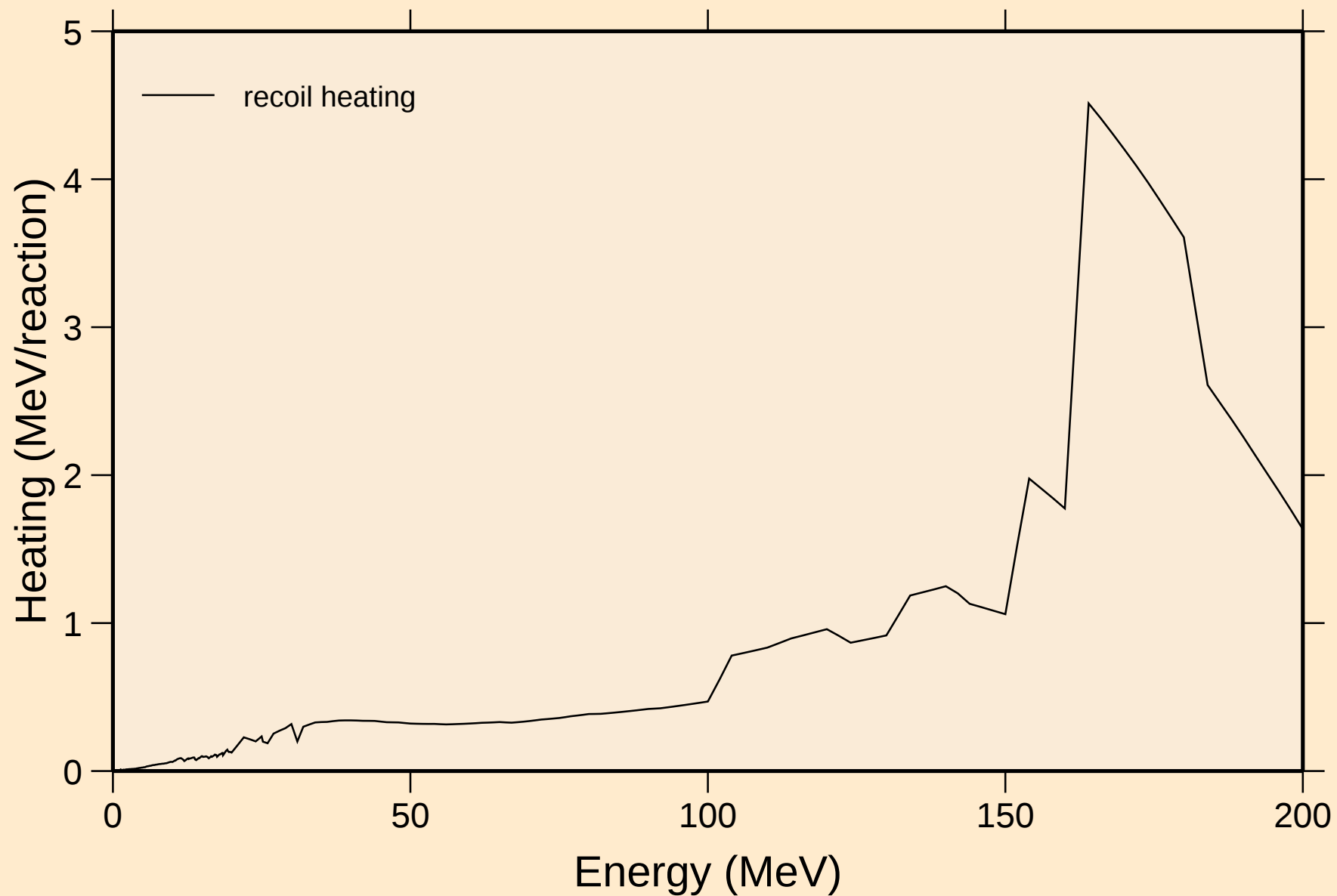
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions

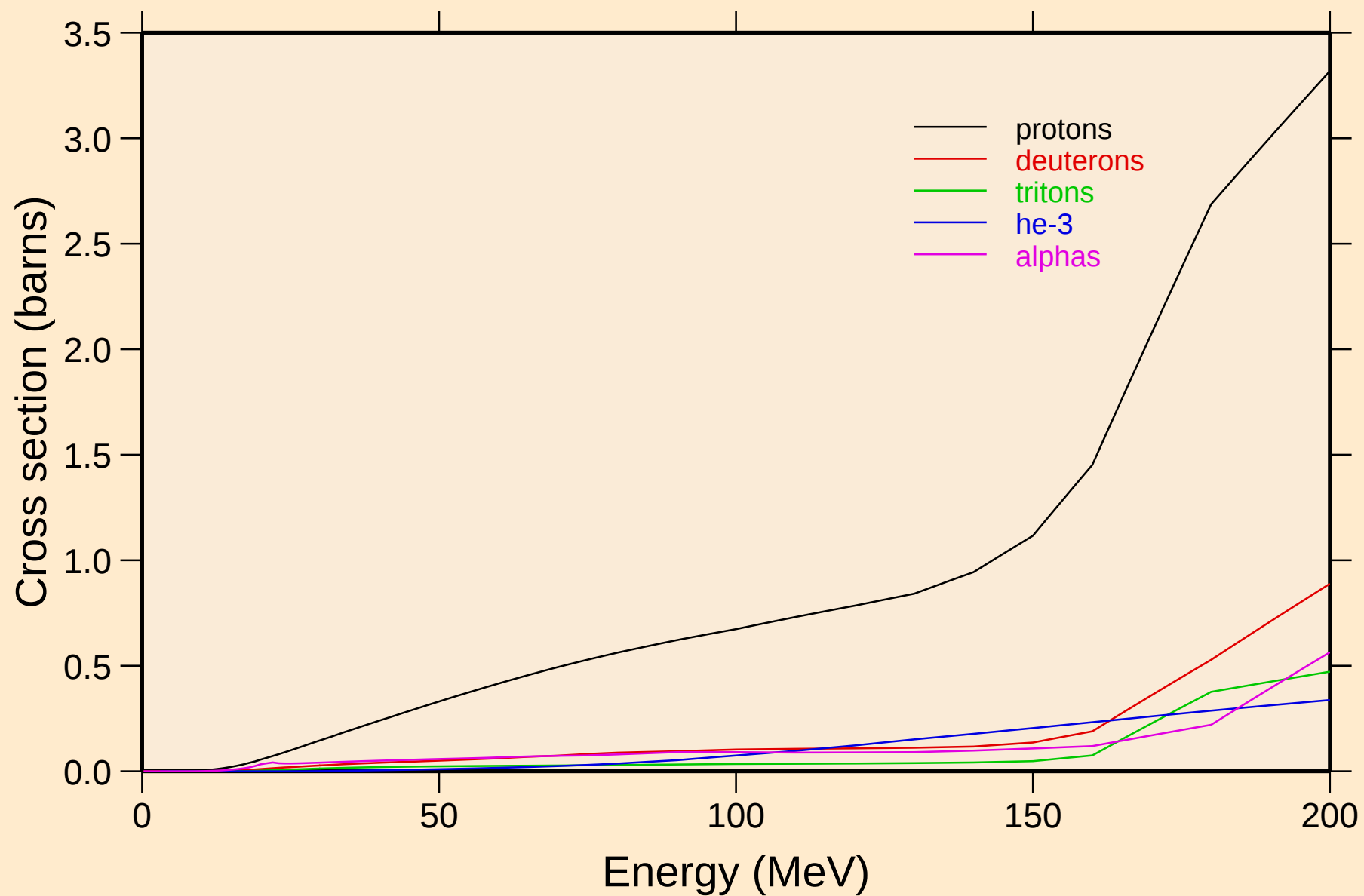


RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

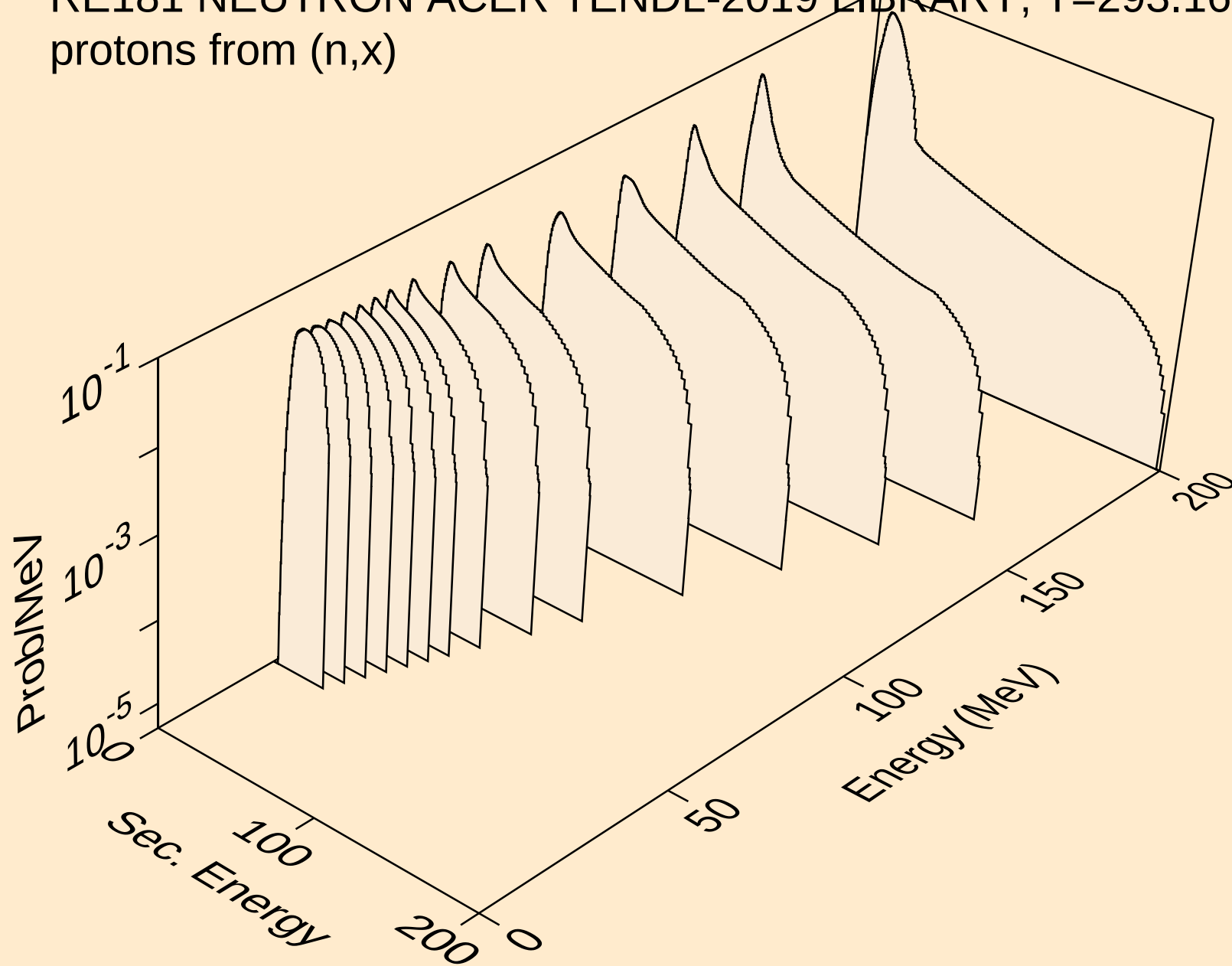


RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

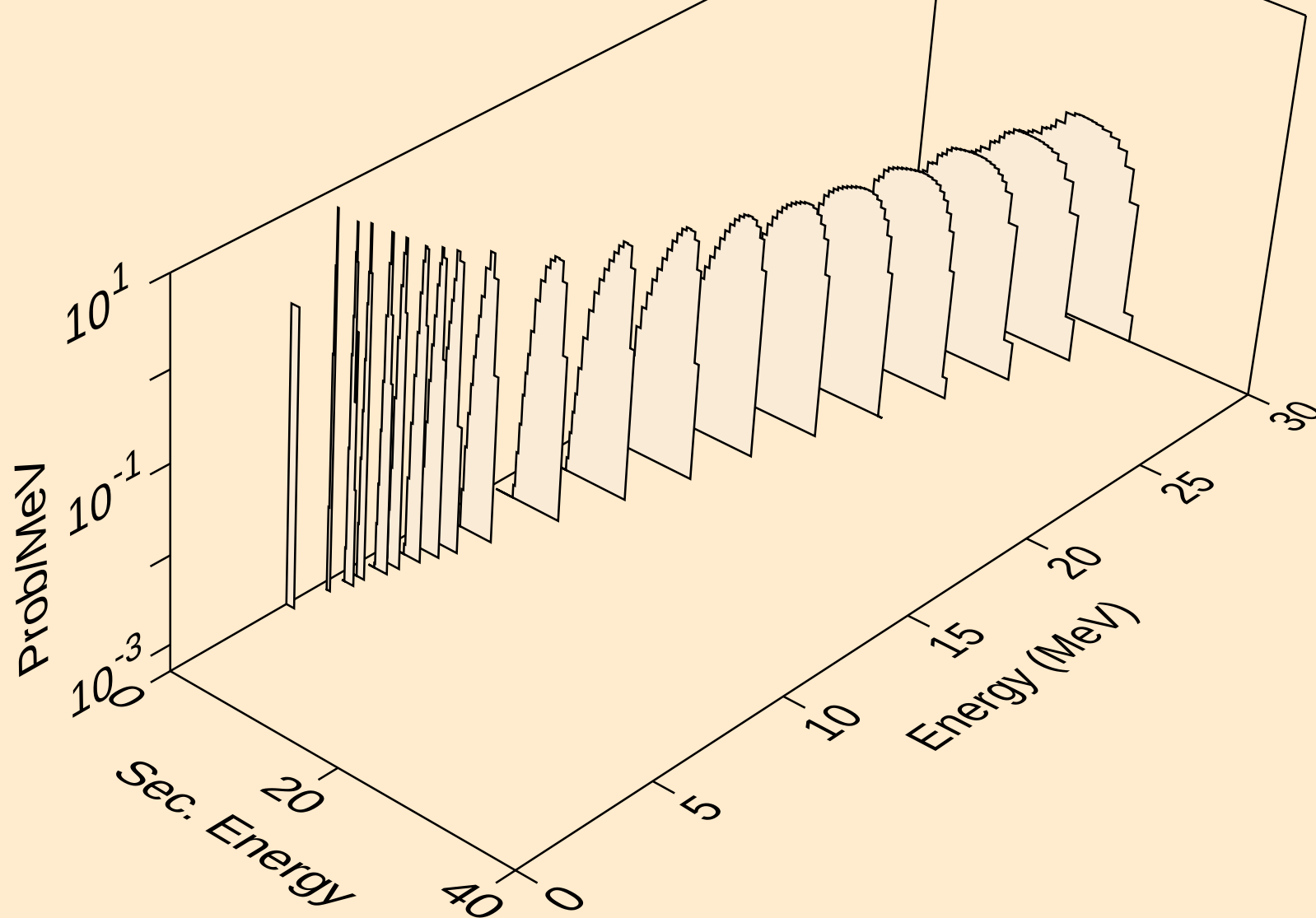
Particle production cross sections



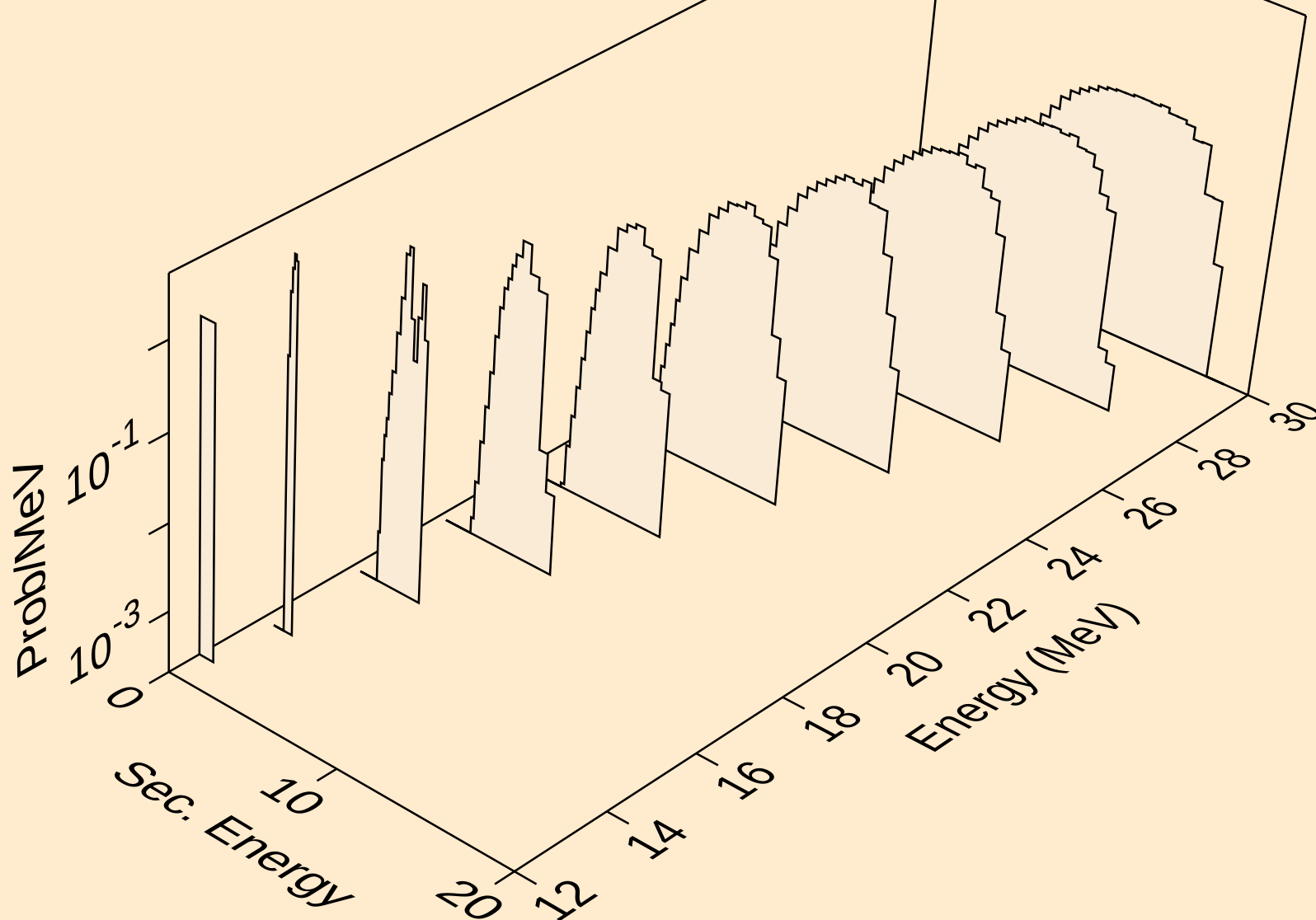
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



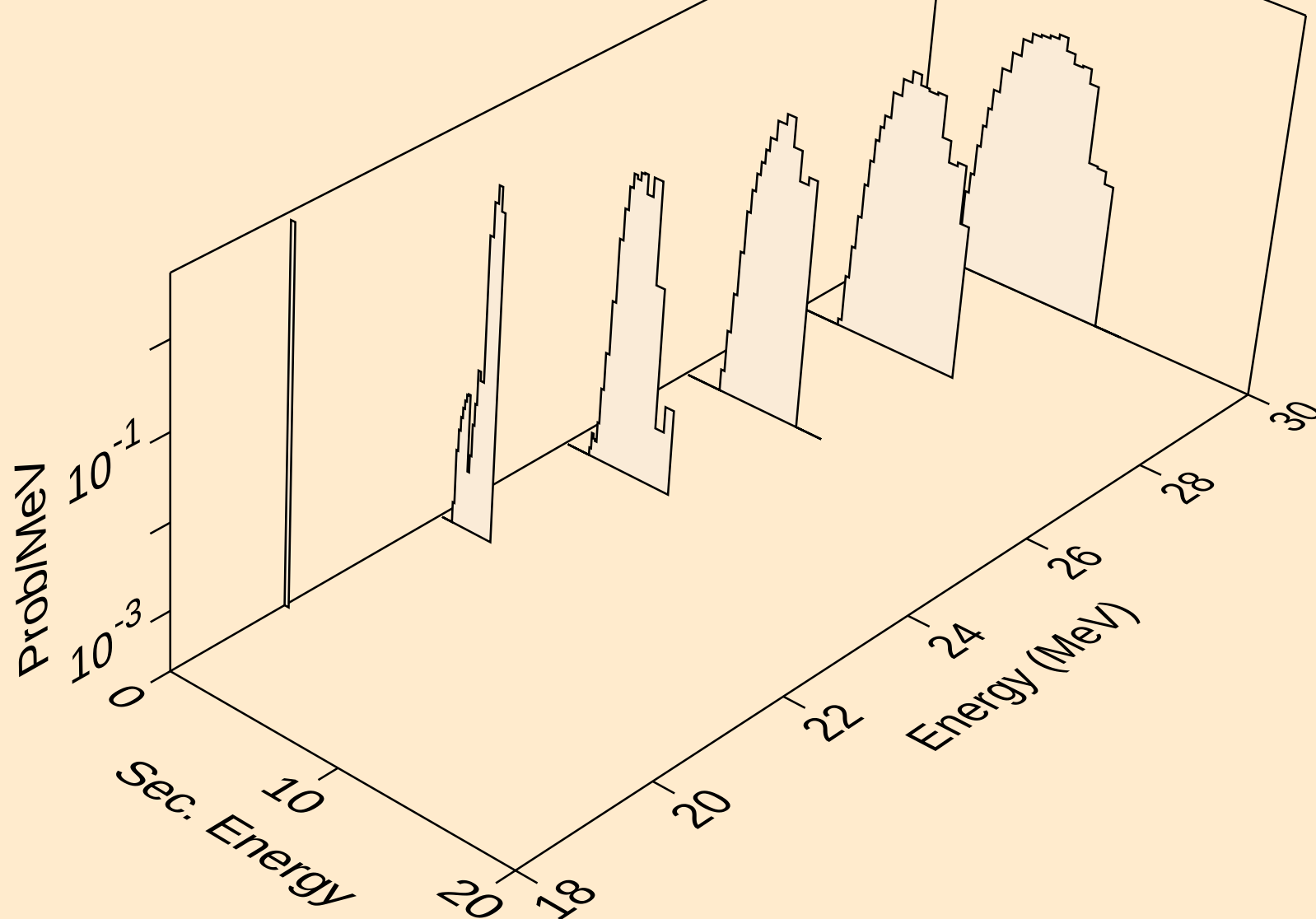
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



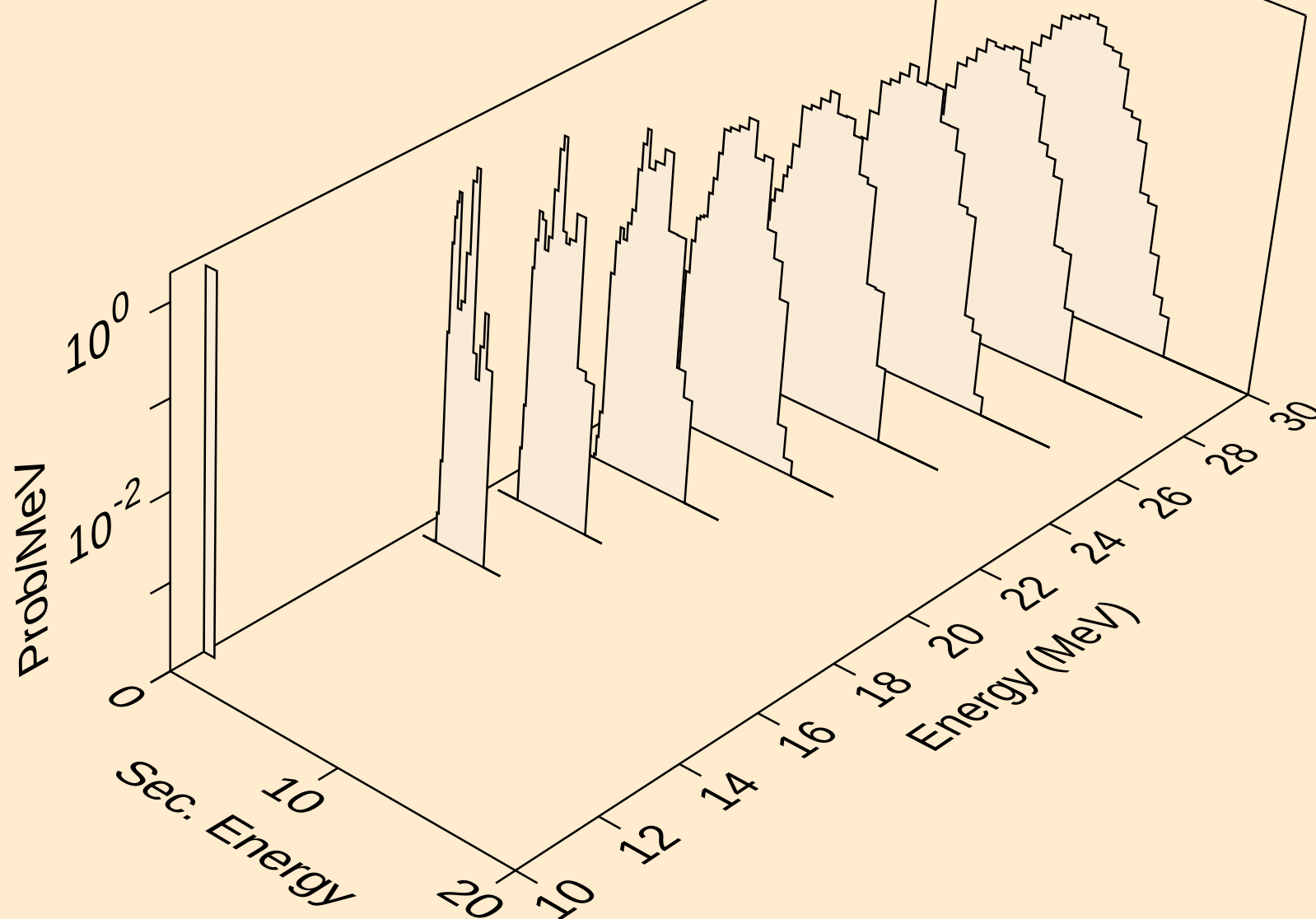
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



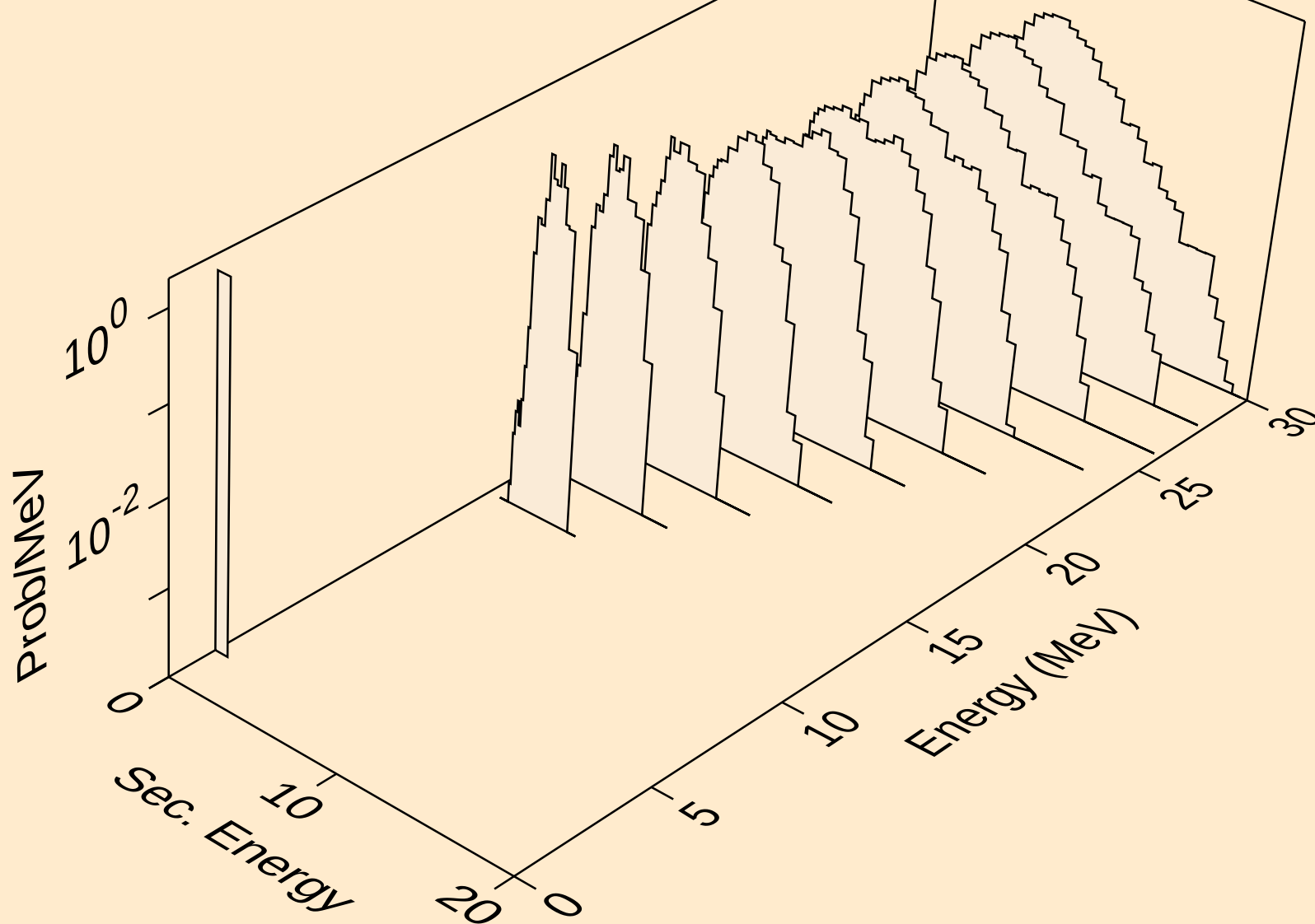
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



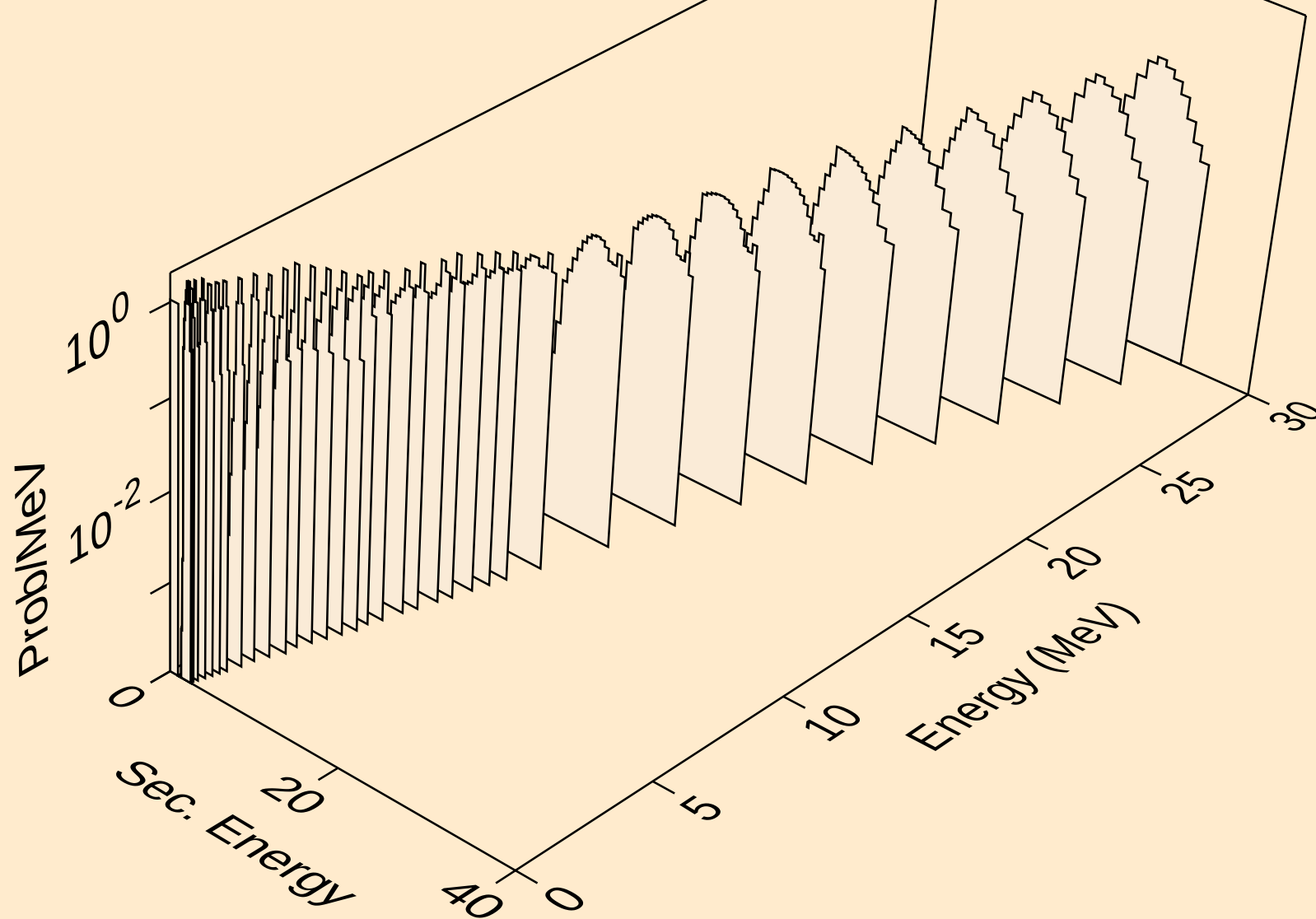
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



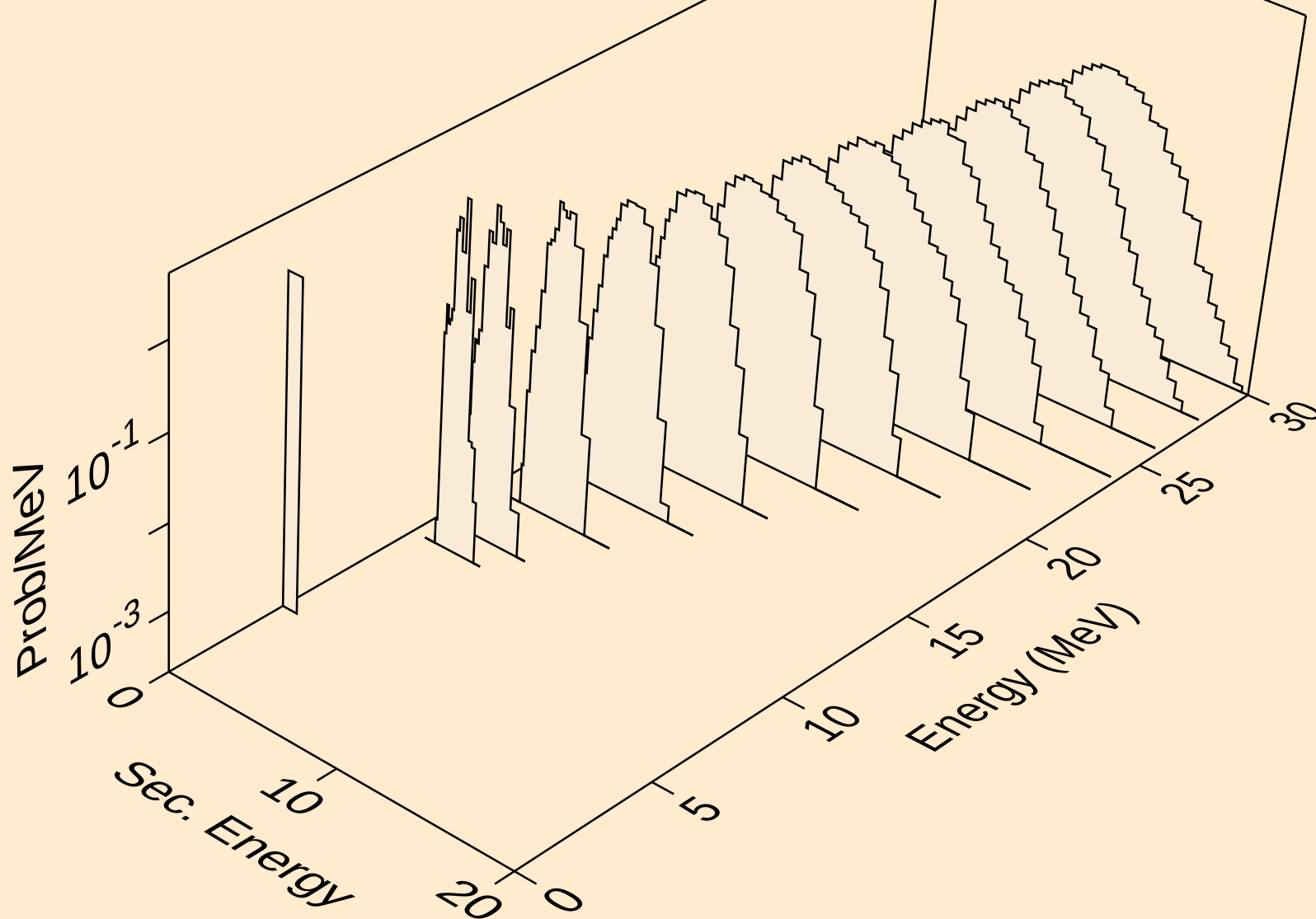
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



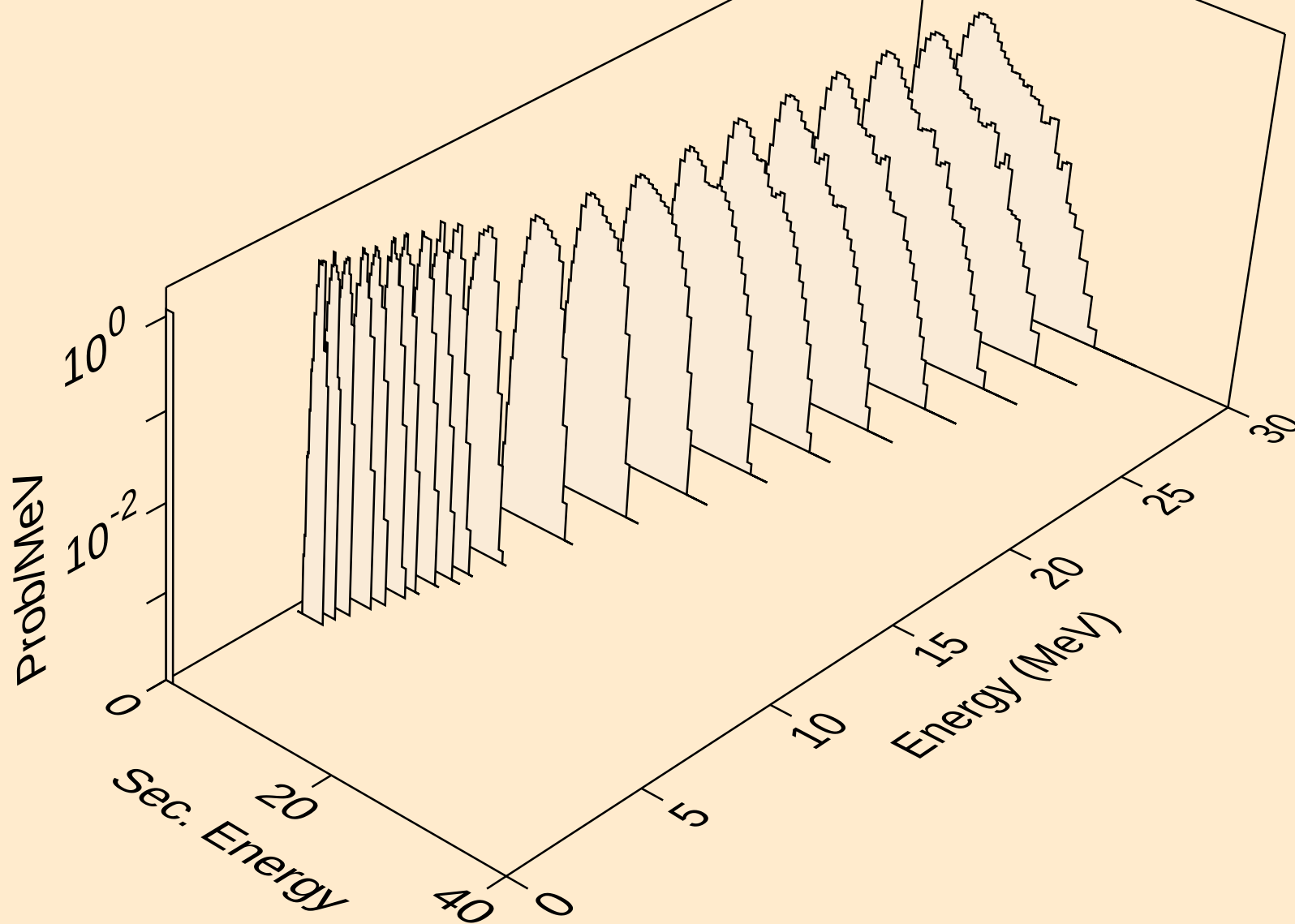
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



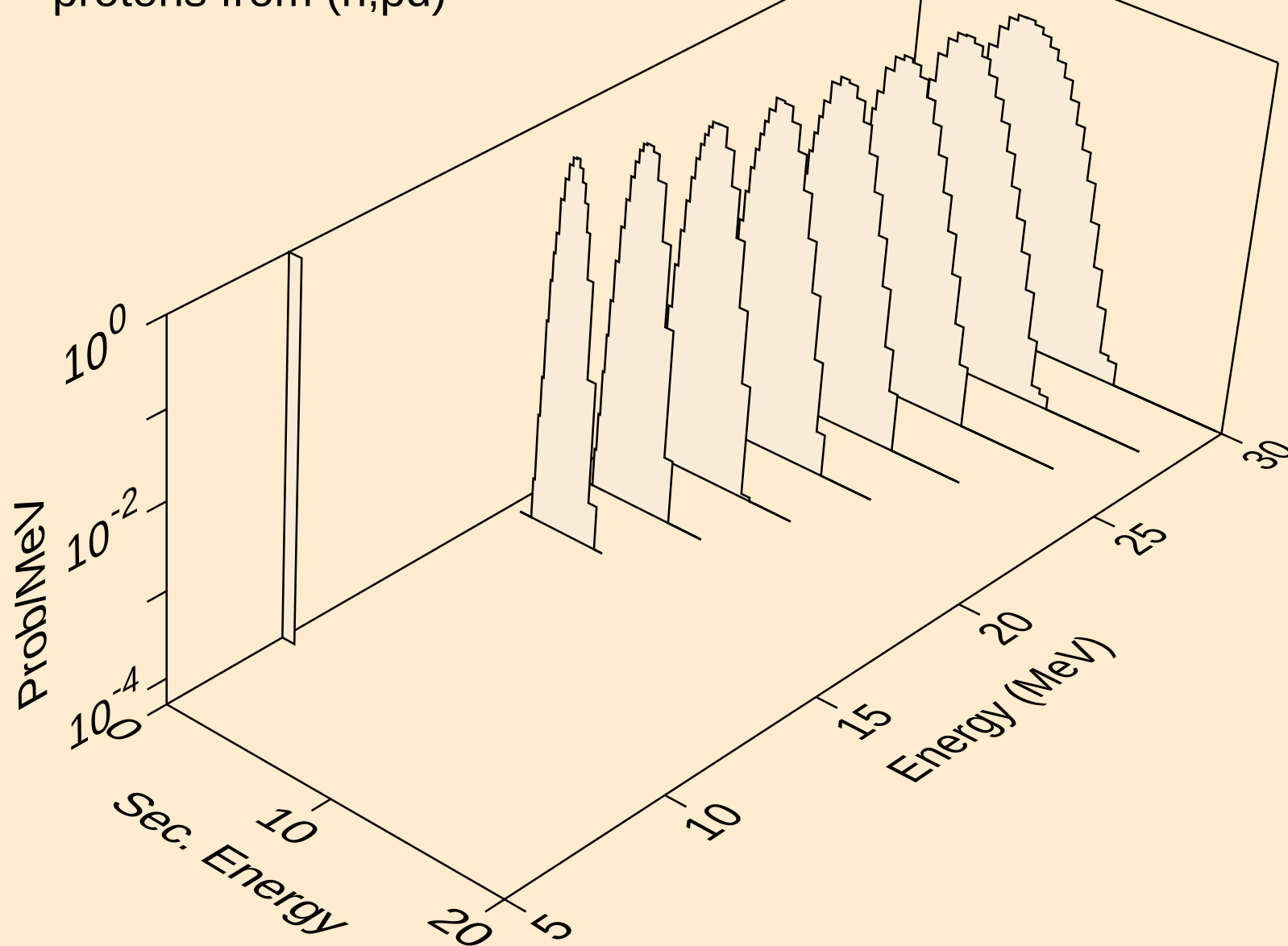
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



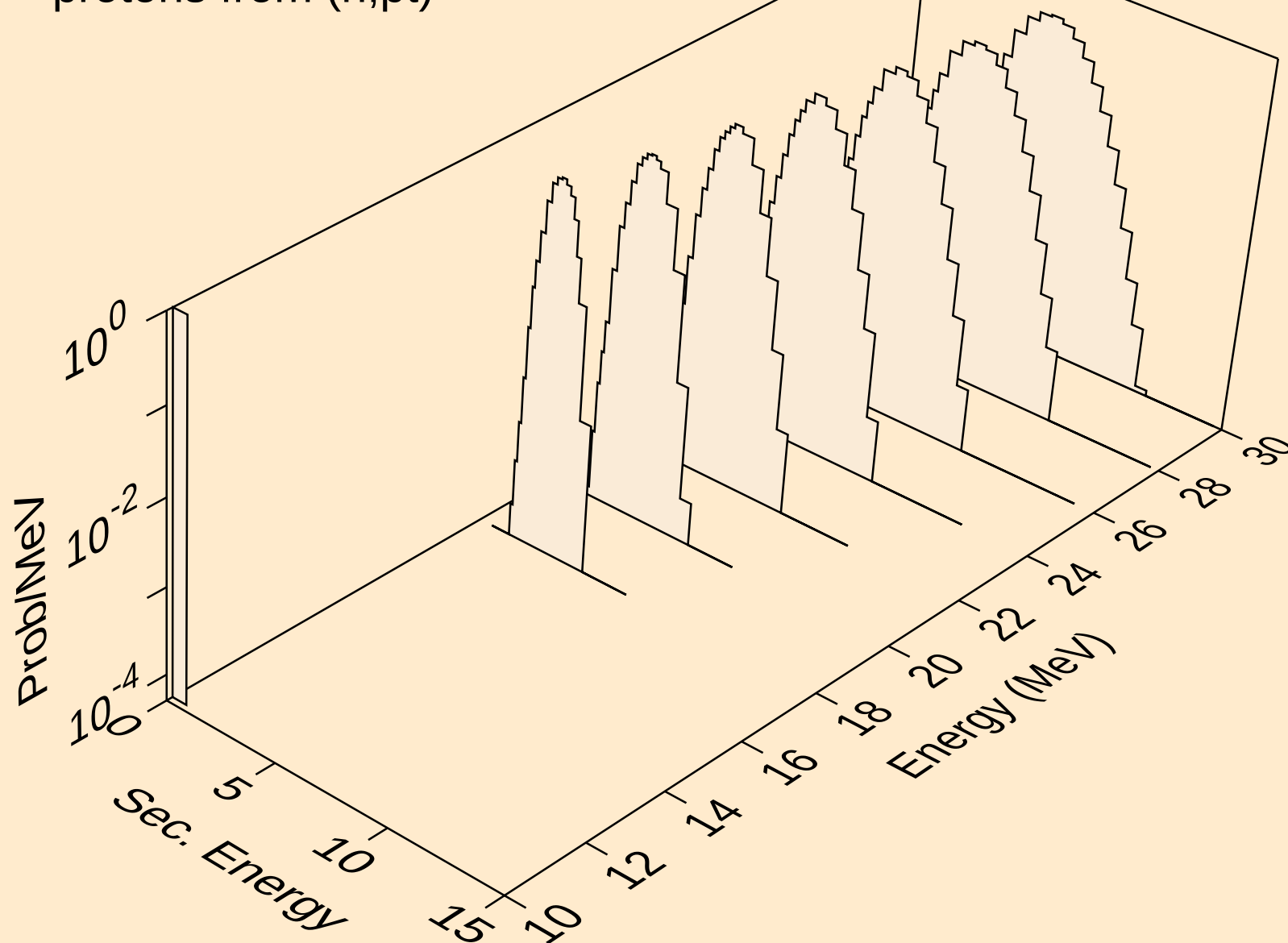
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



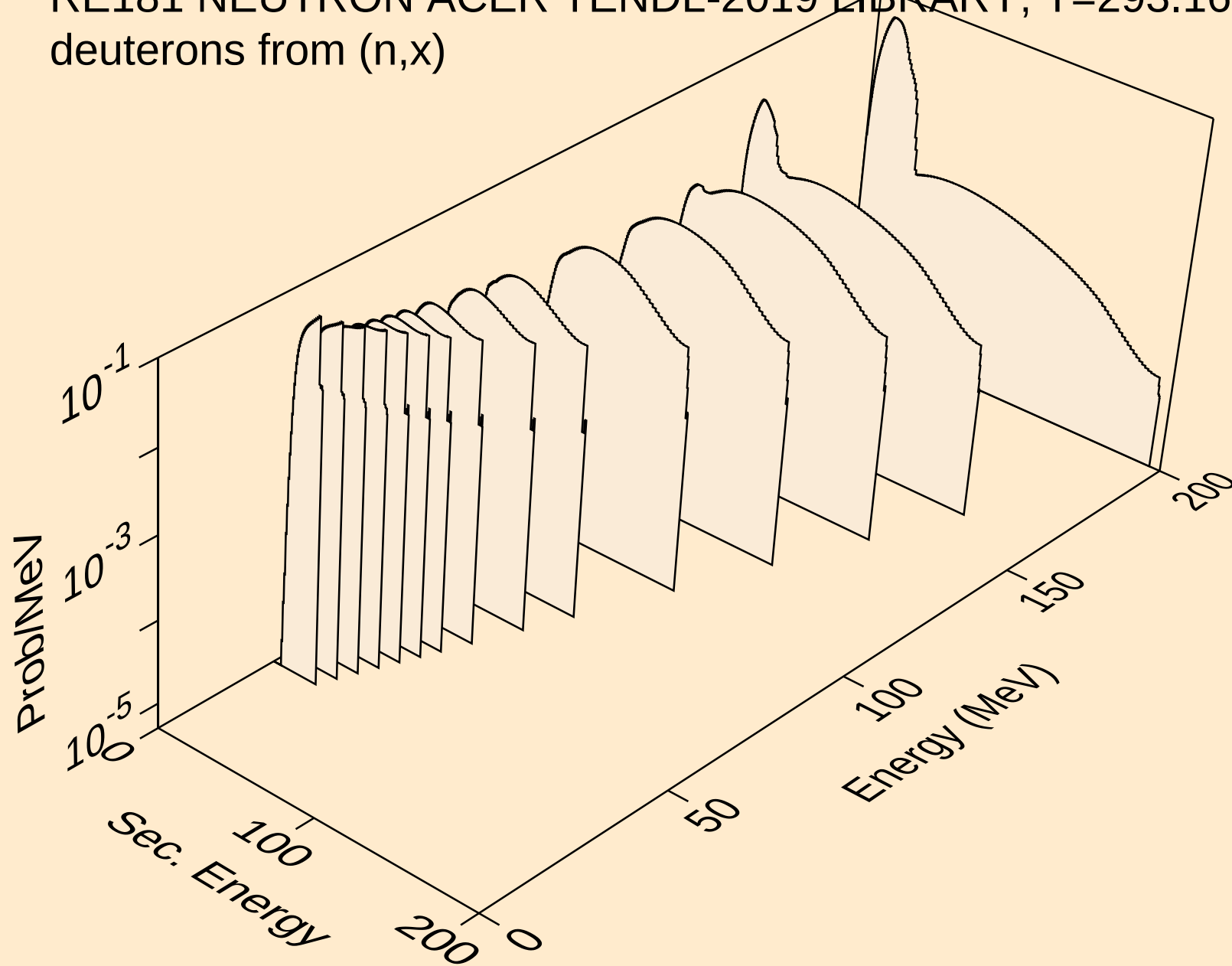
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



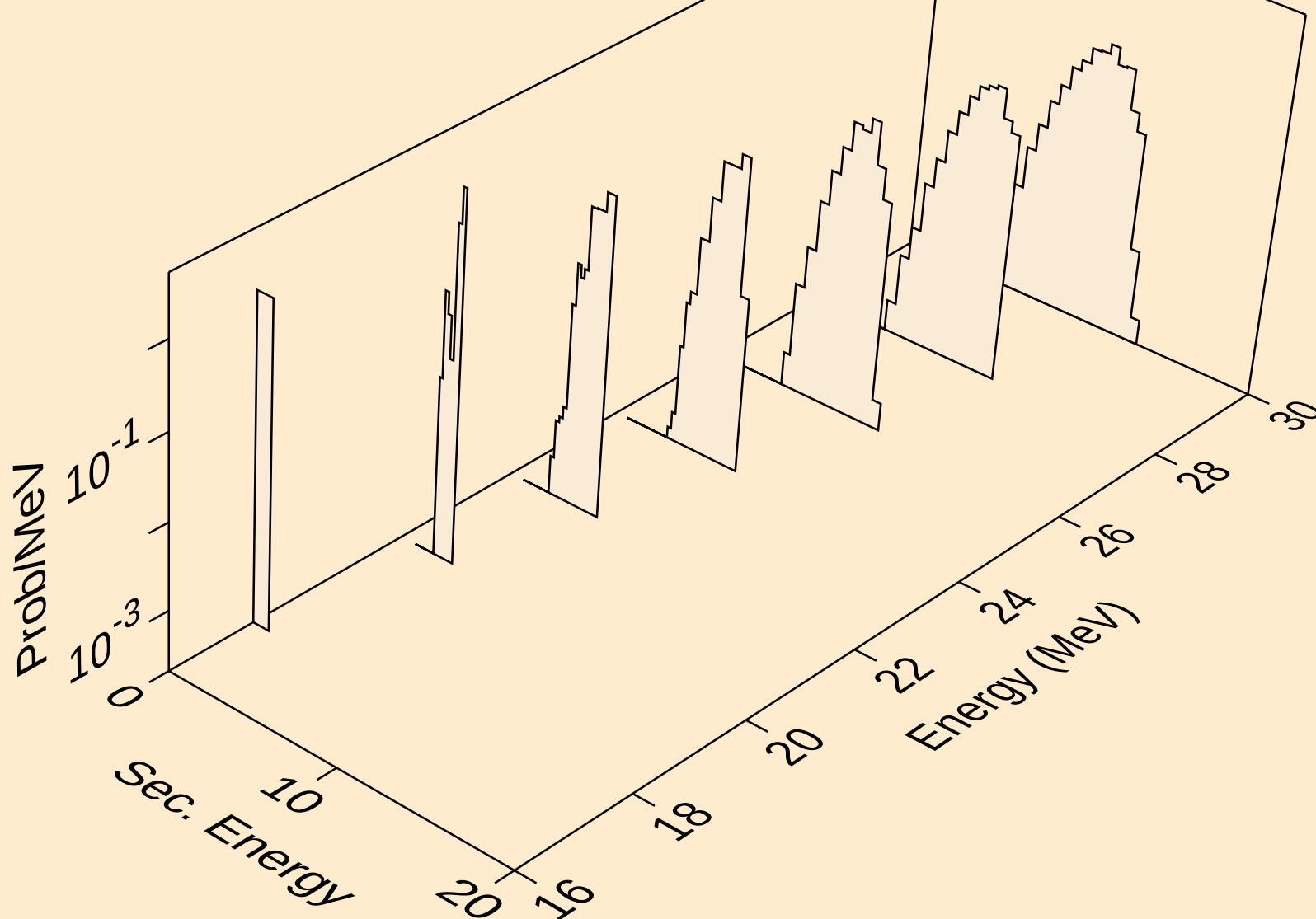
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



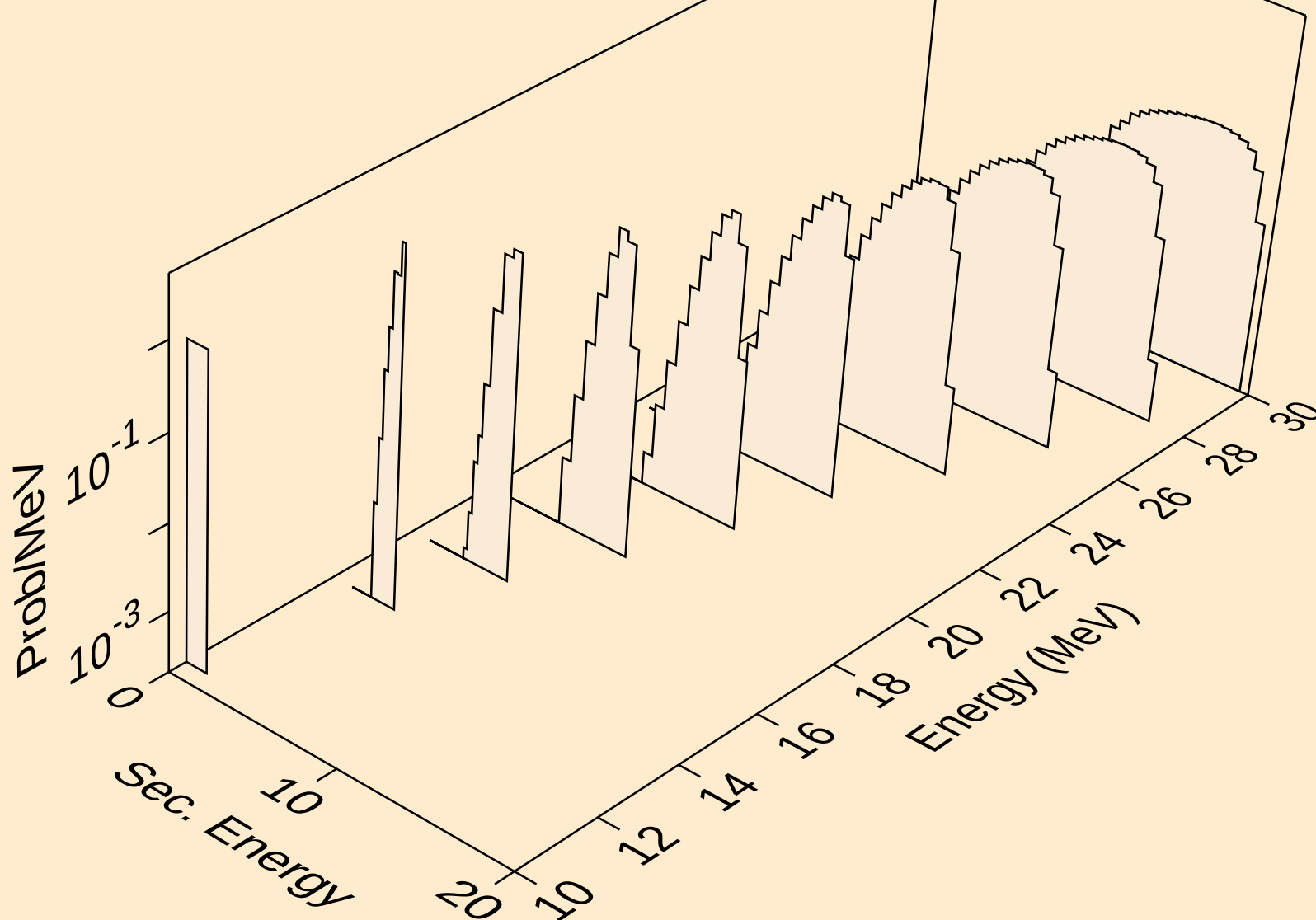
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



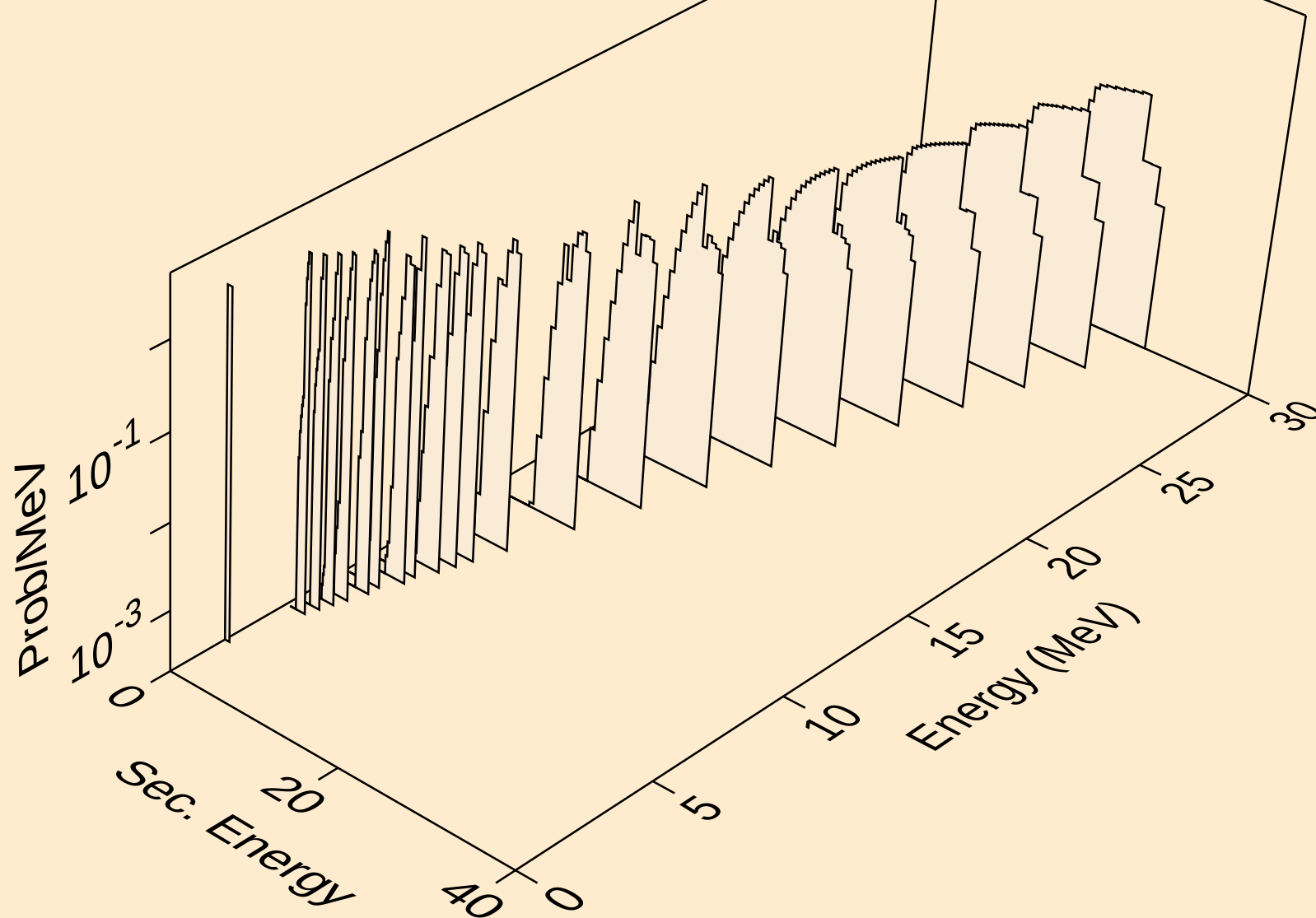
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



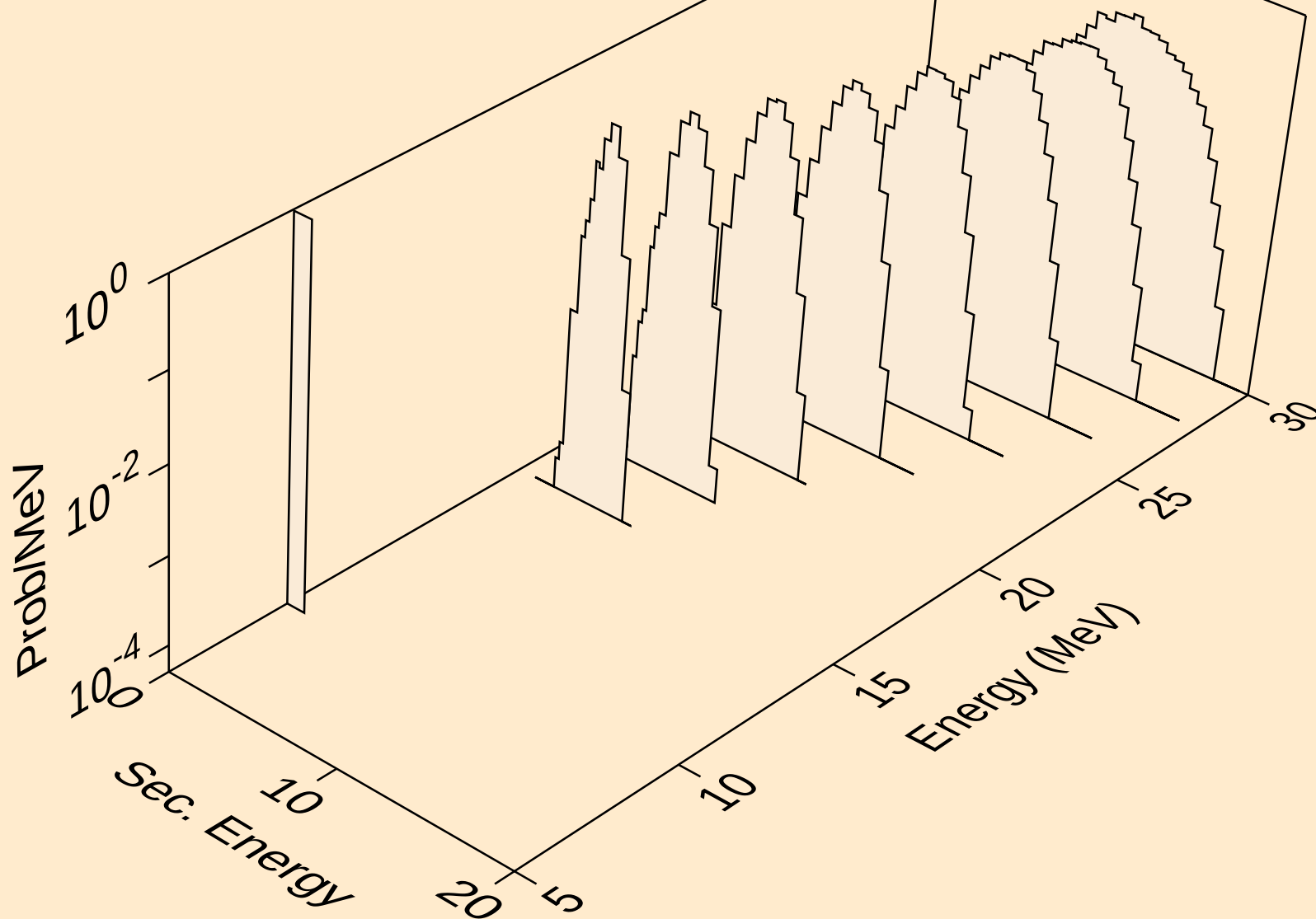
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



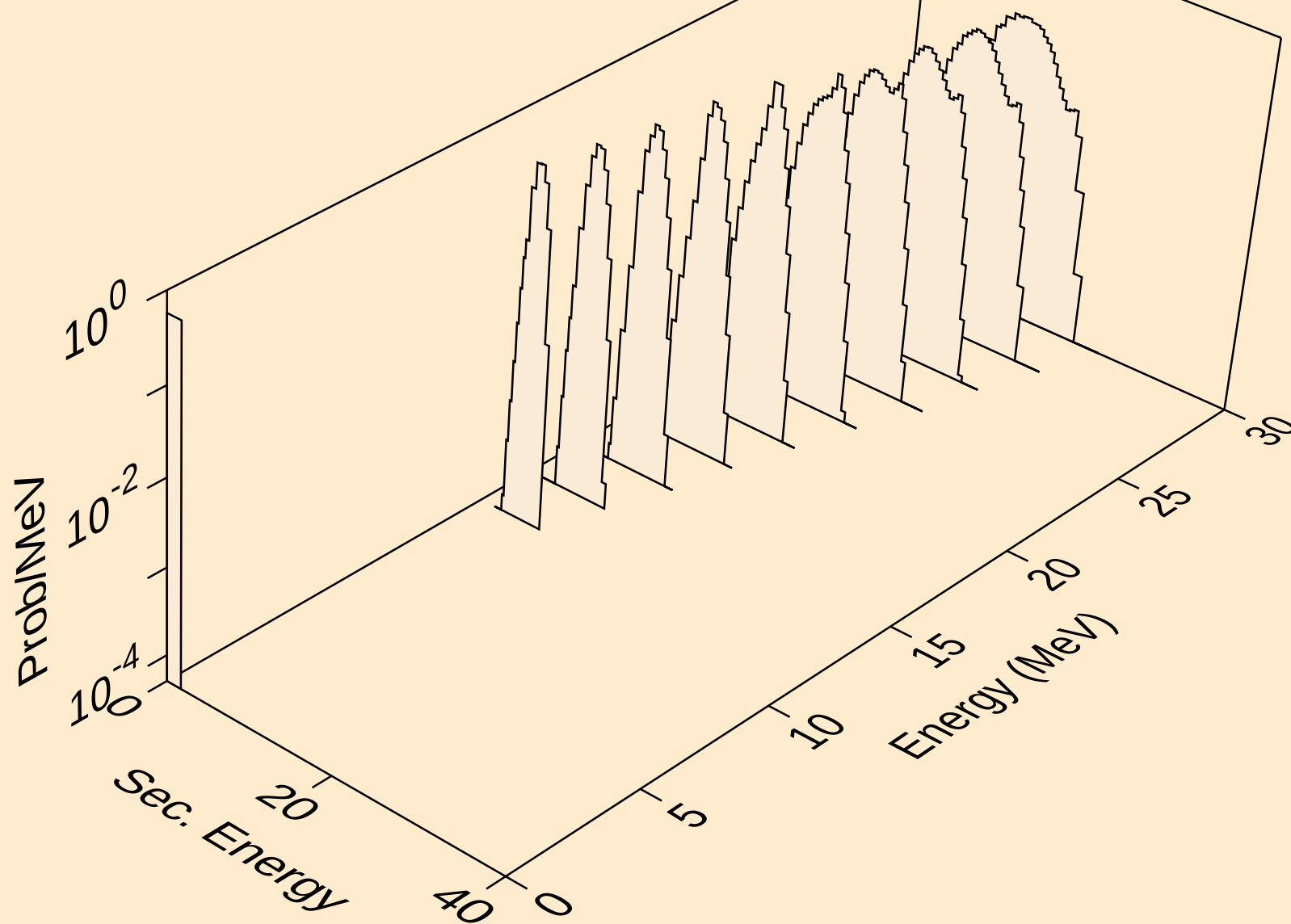
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



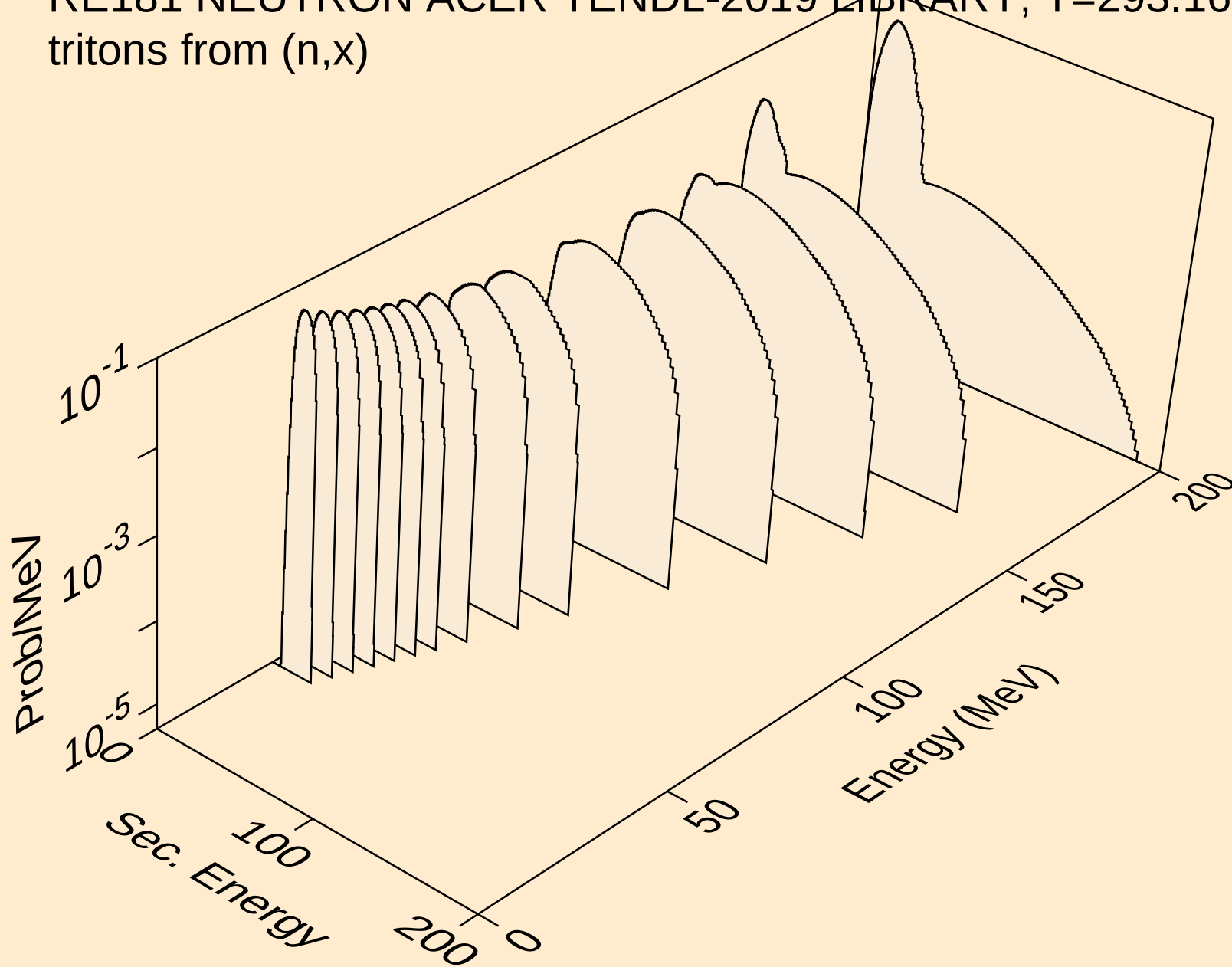
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



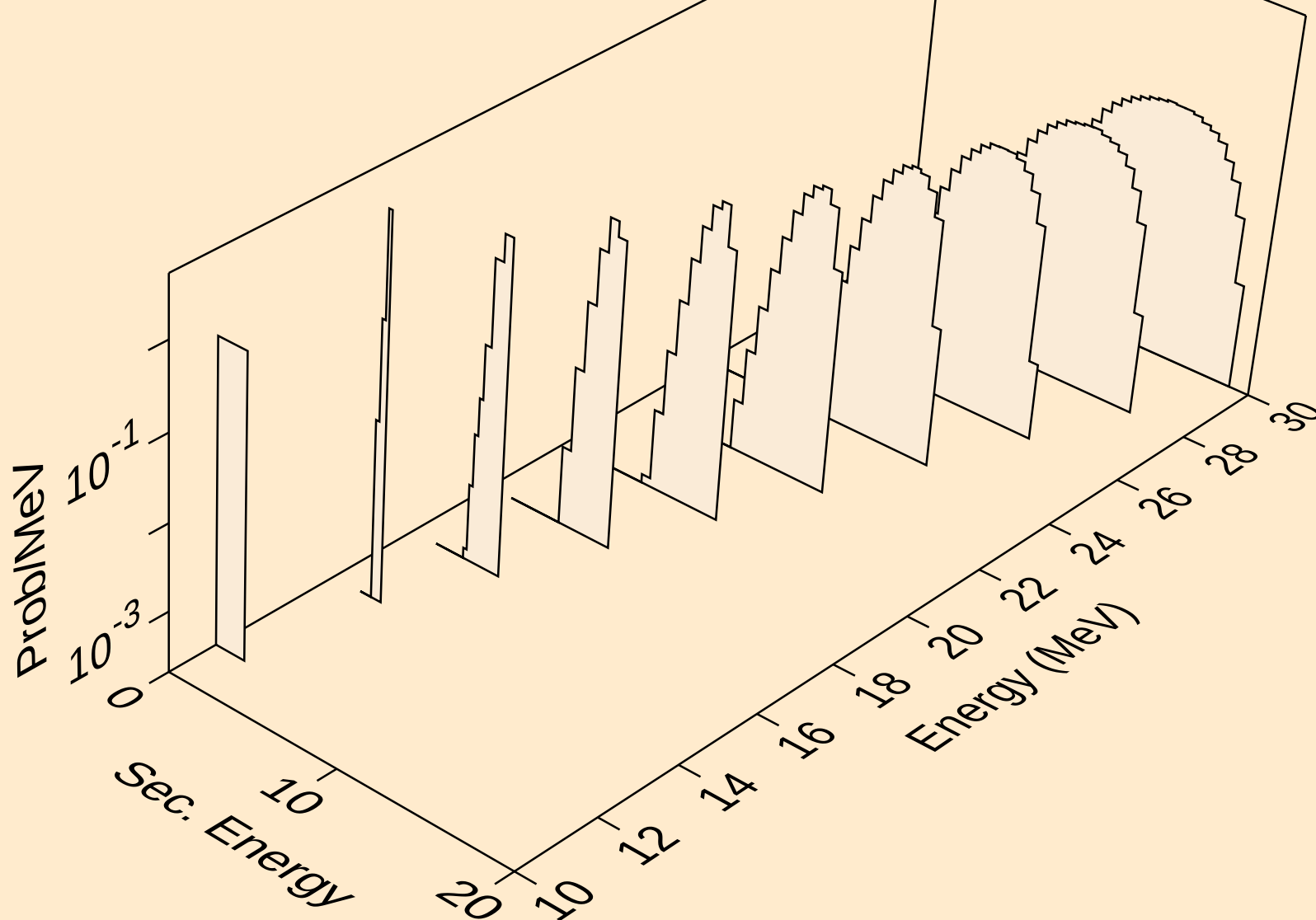
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



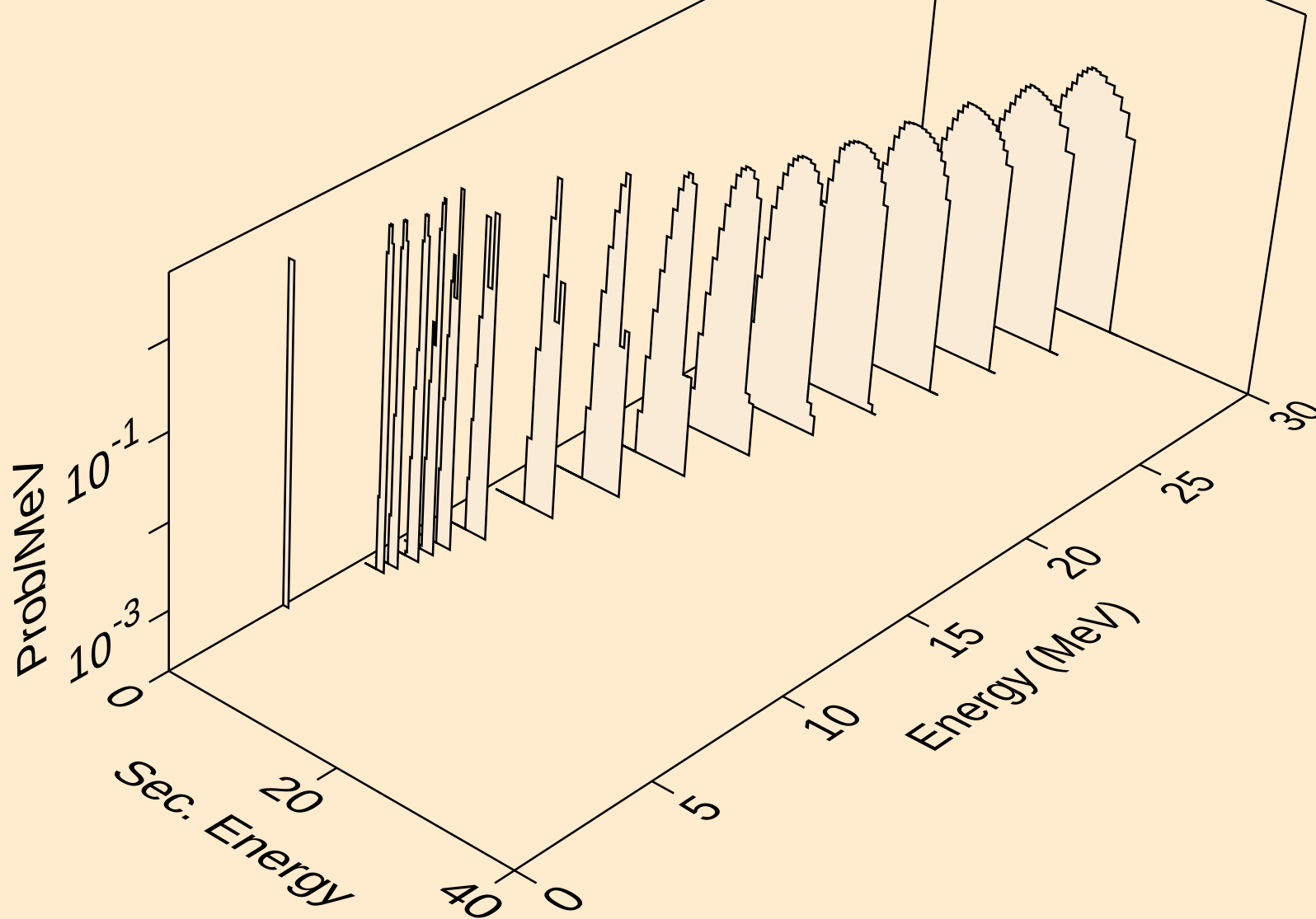
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



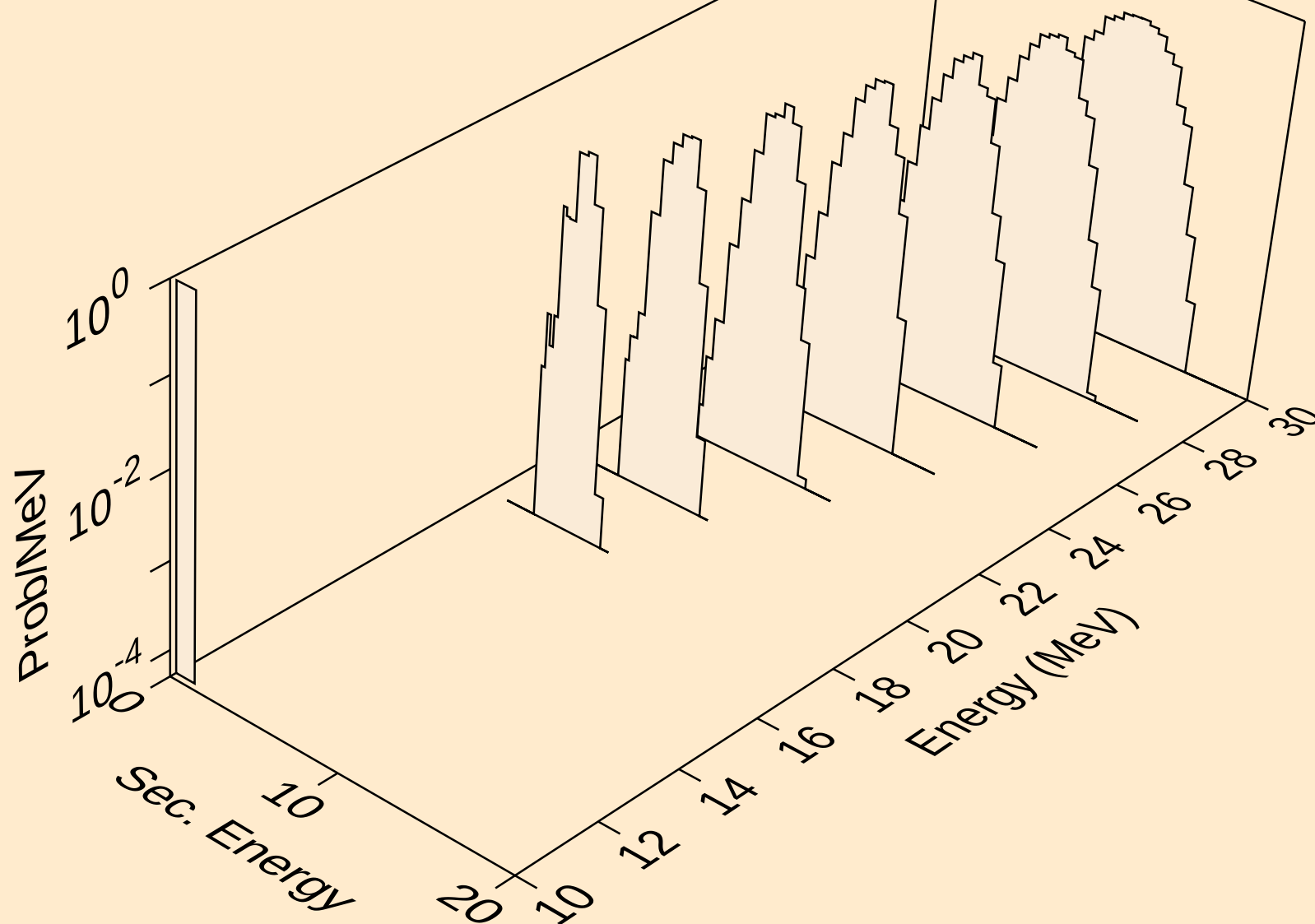
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



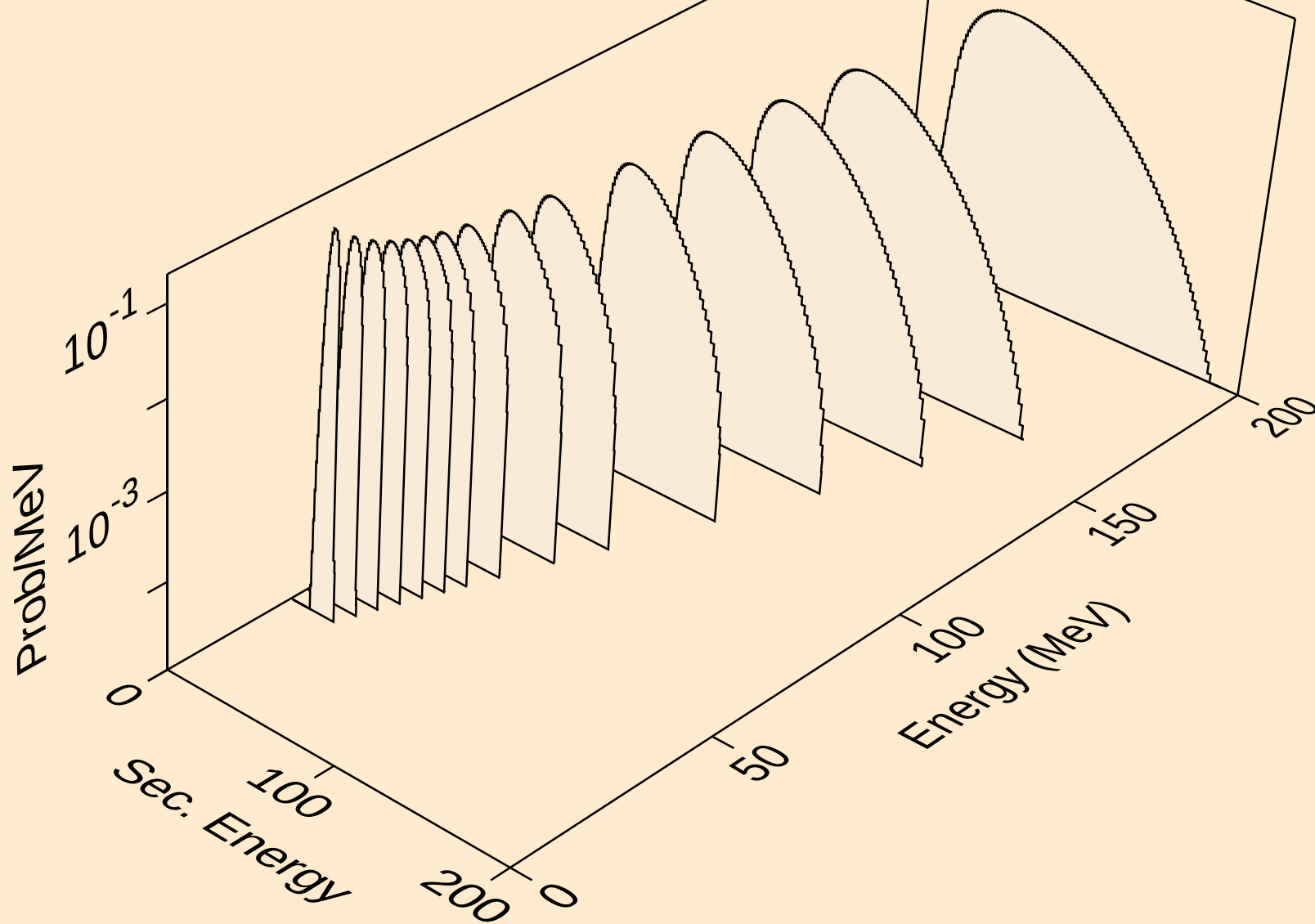
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



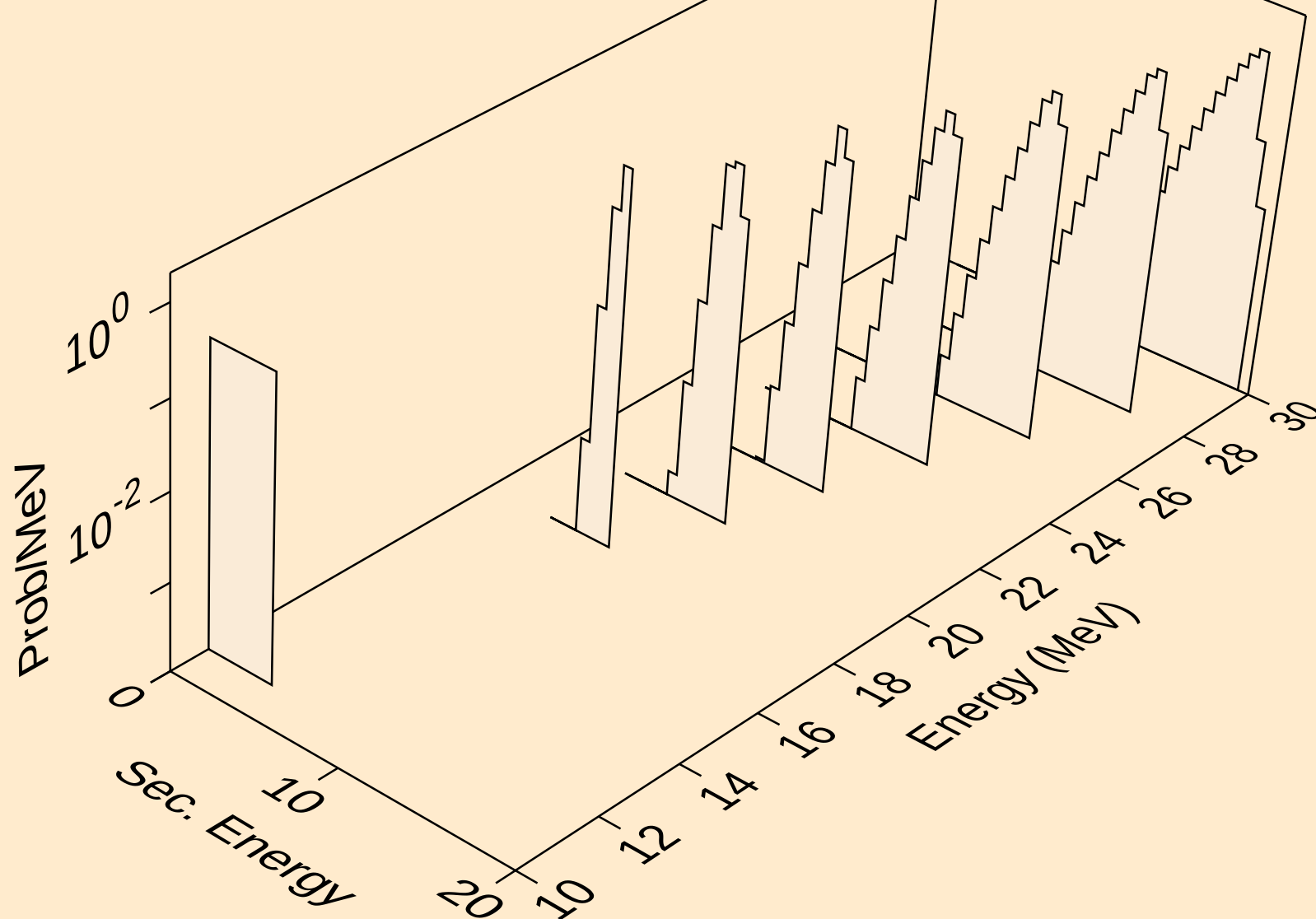
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



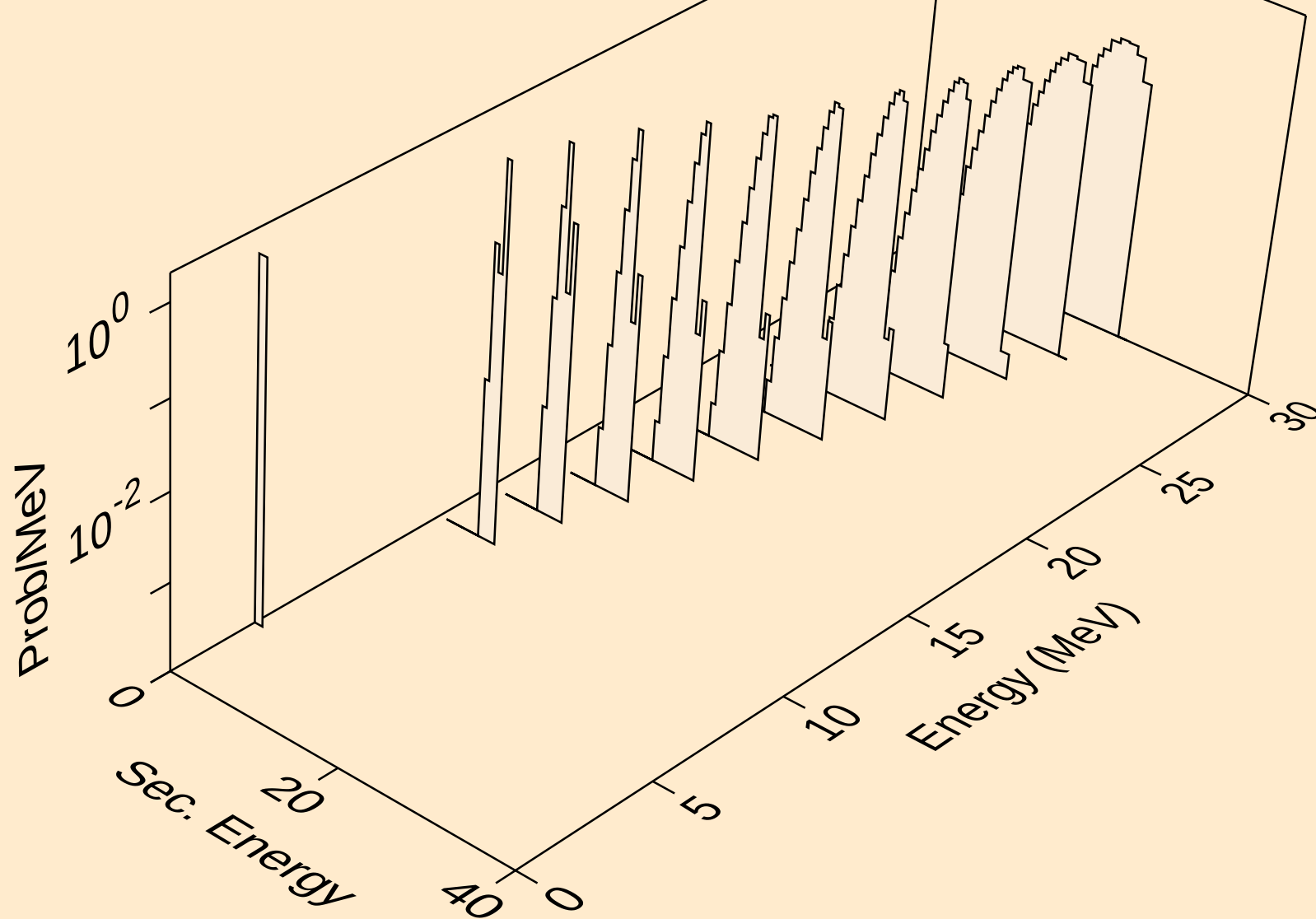
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



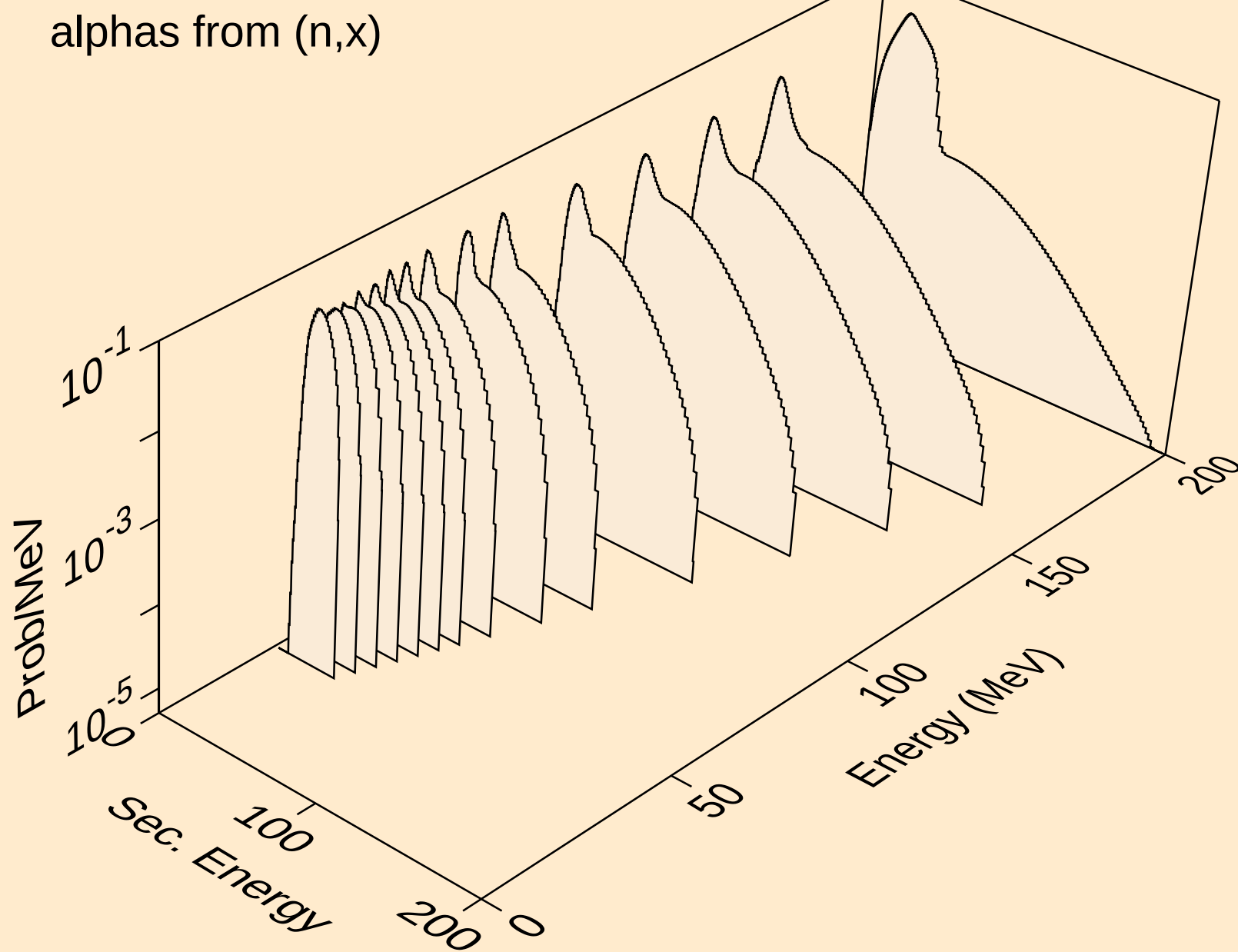
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



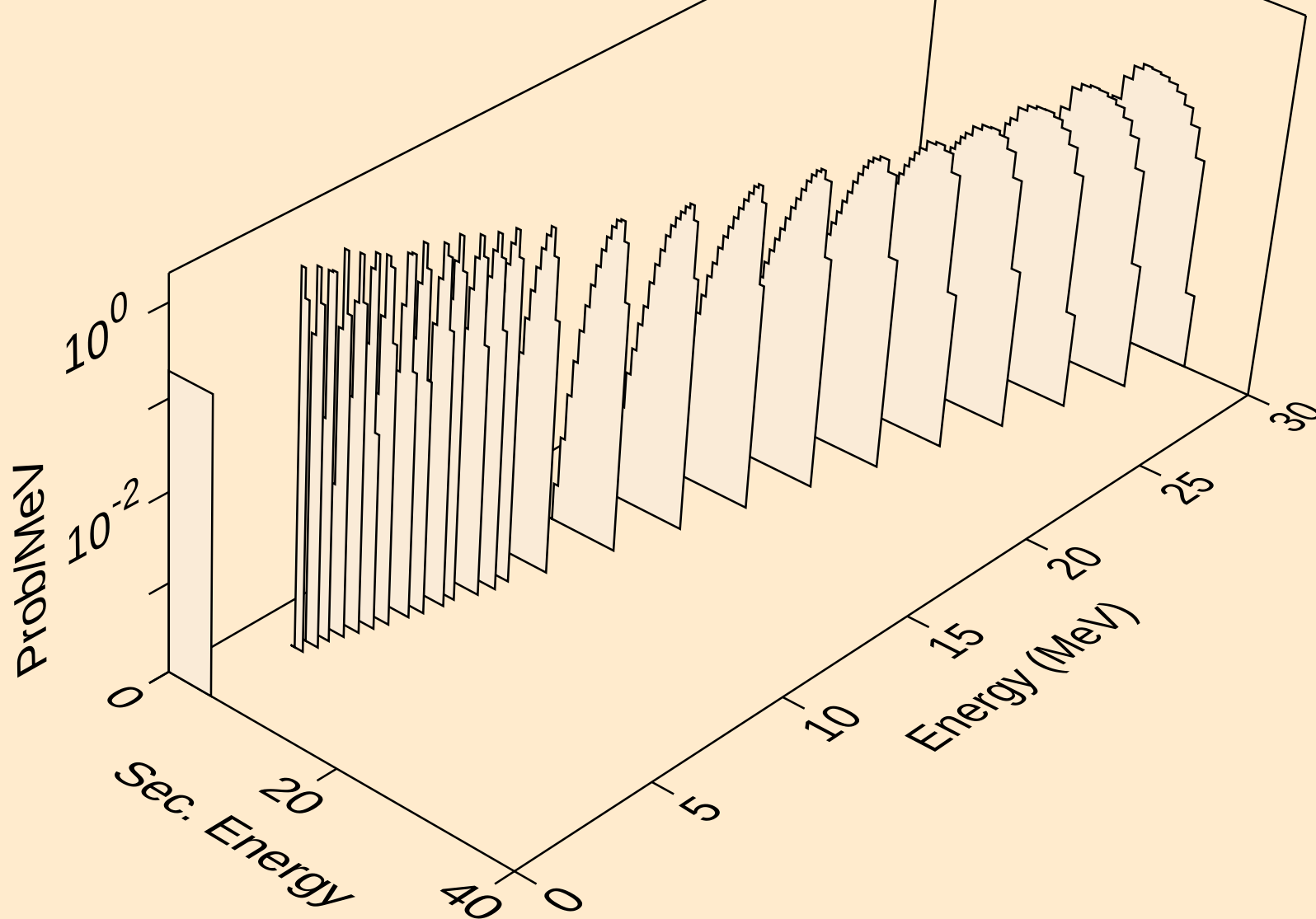
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



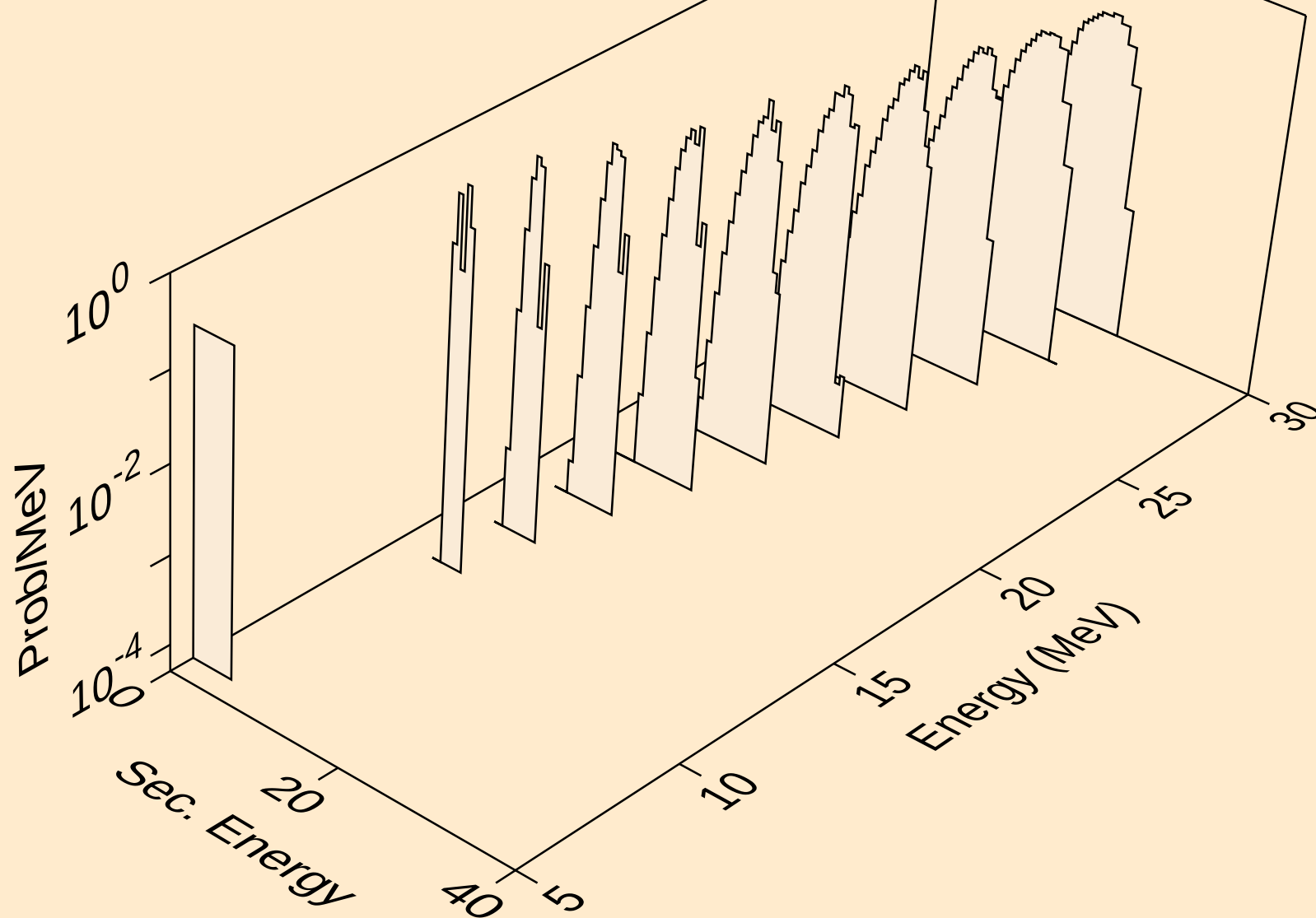
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



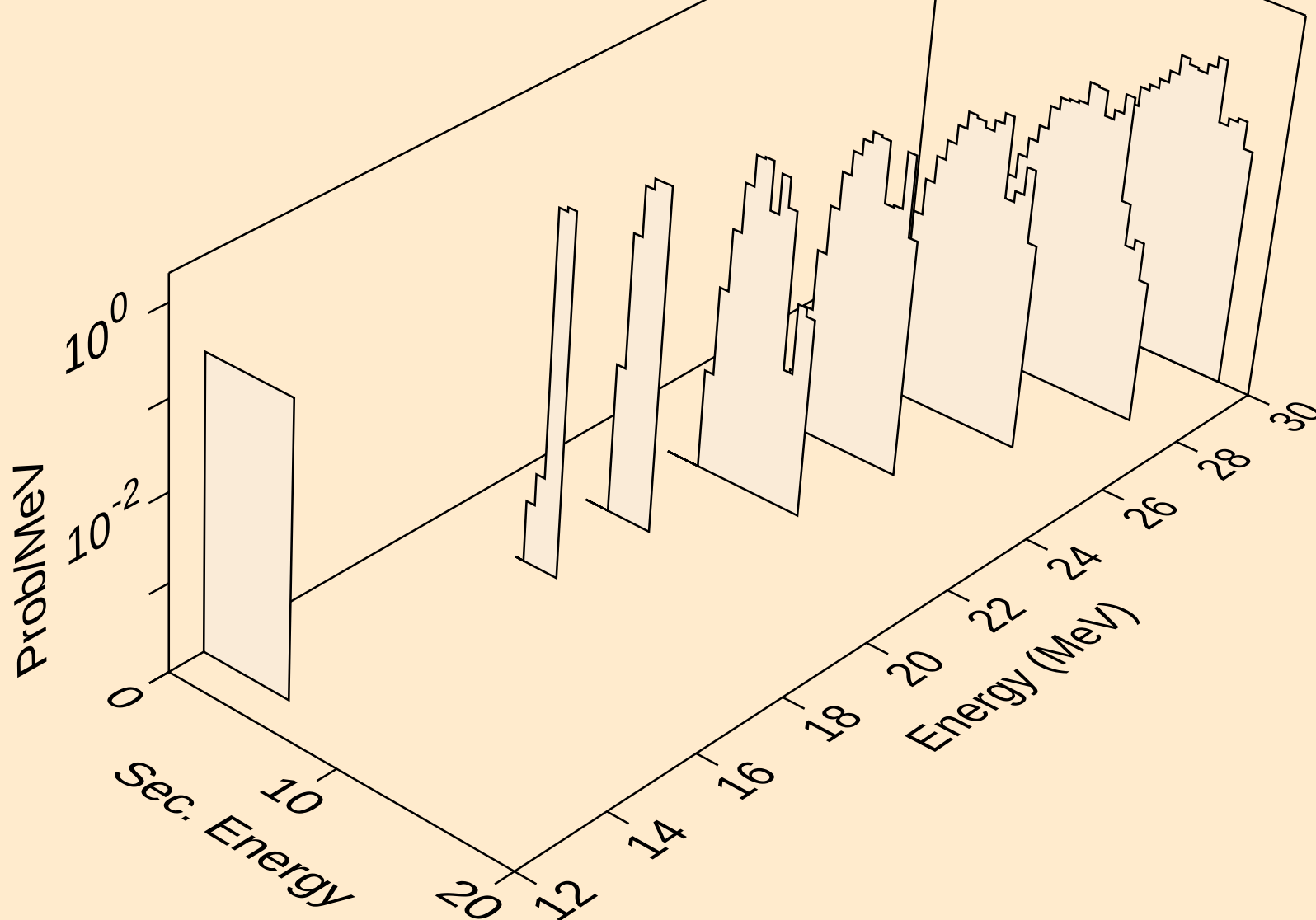
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



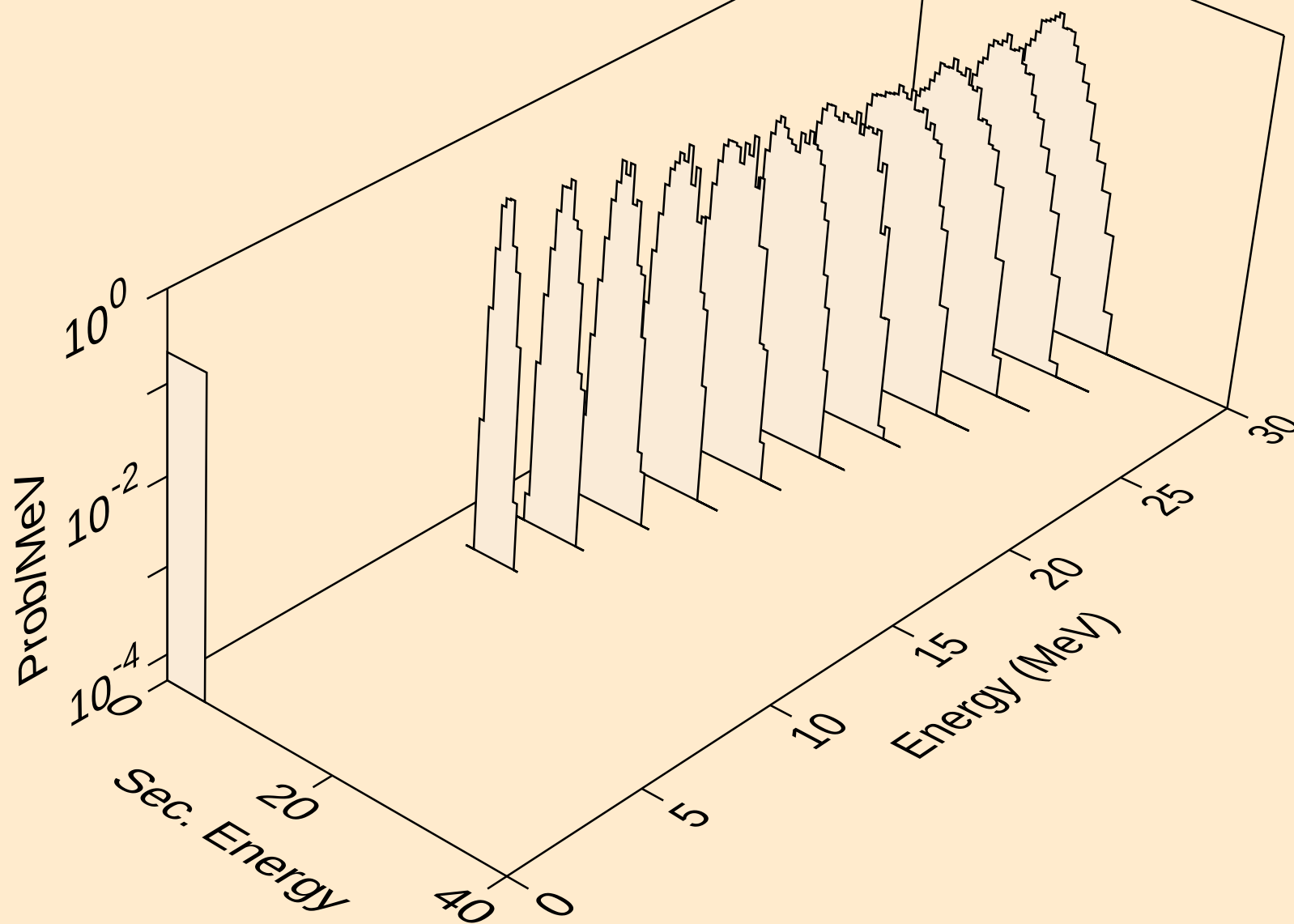
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



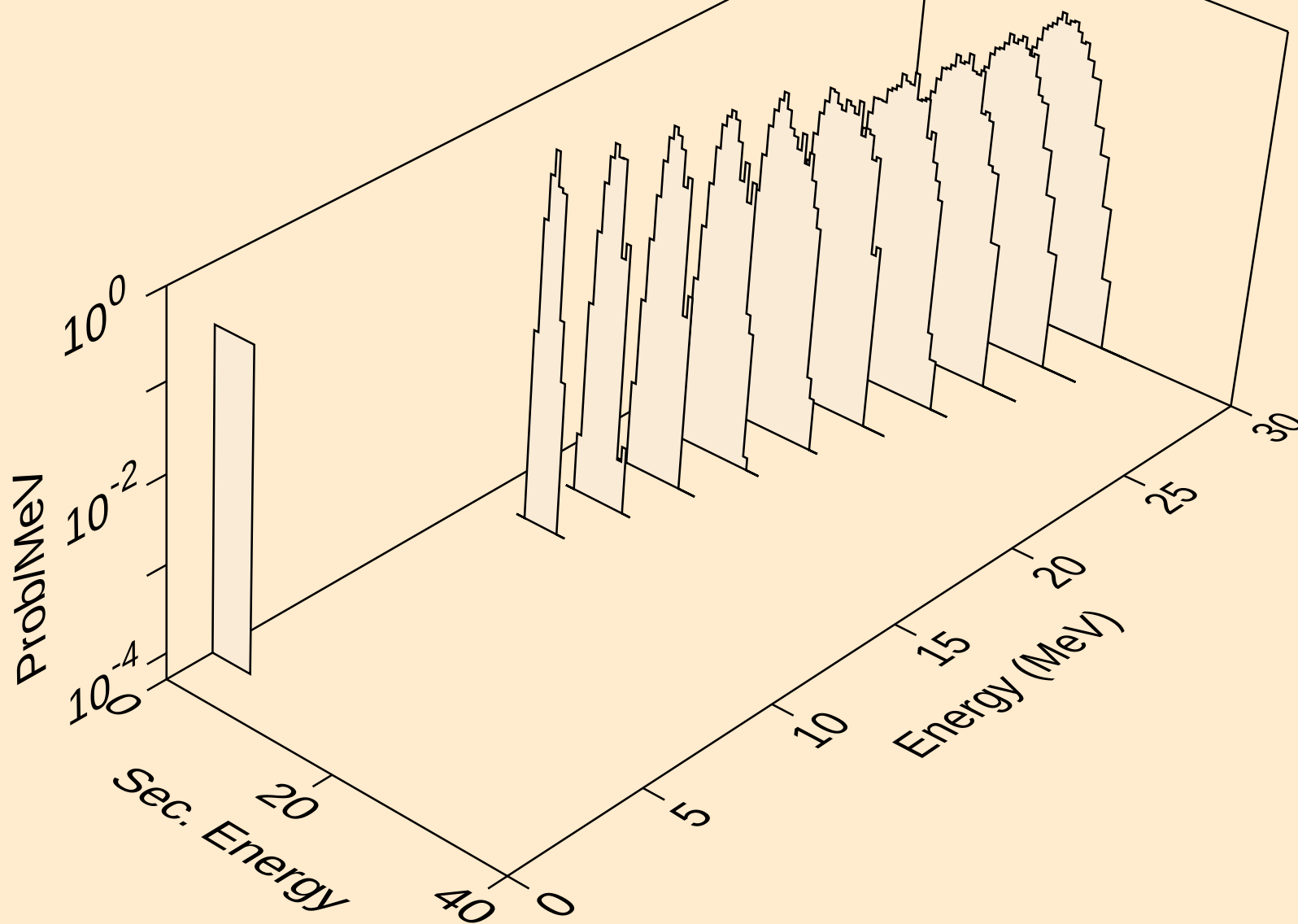
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



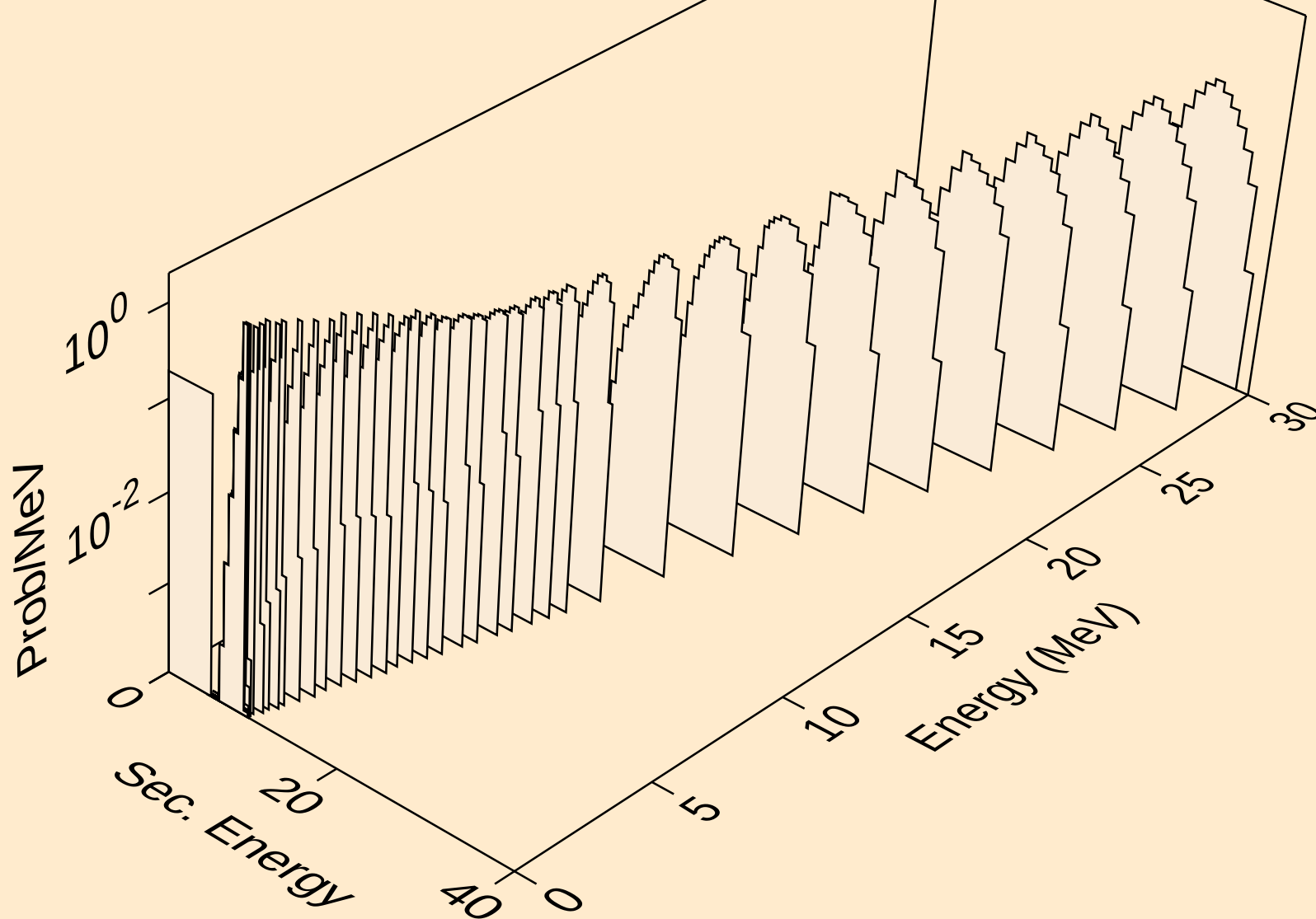
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



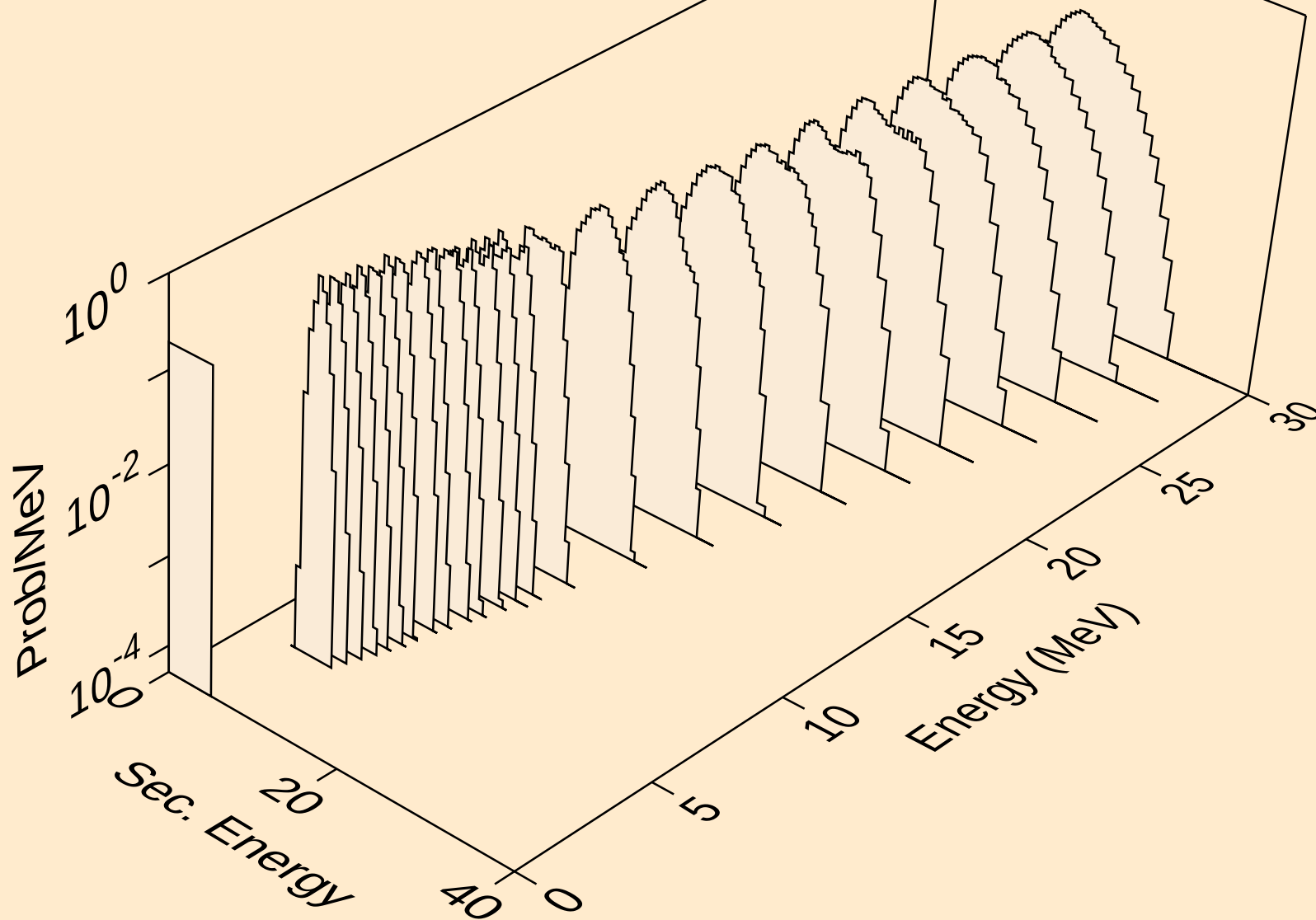
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



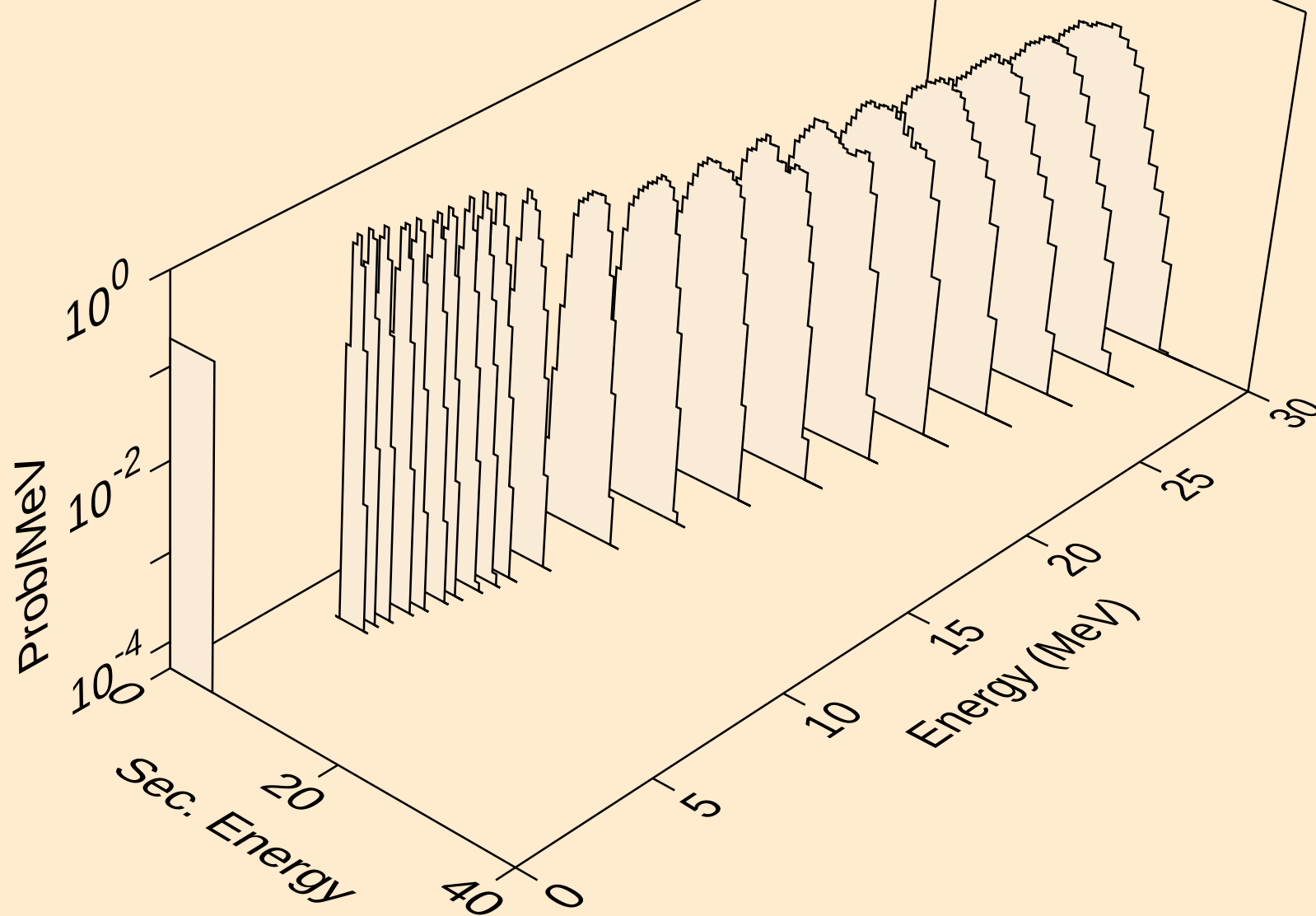
RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



RE181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

