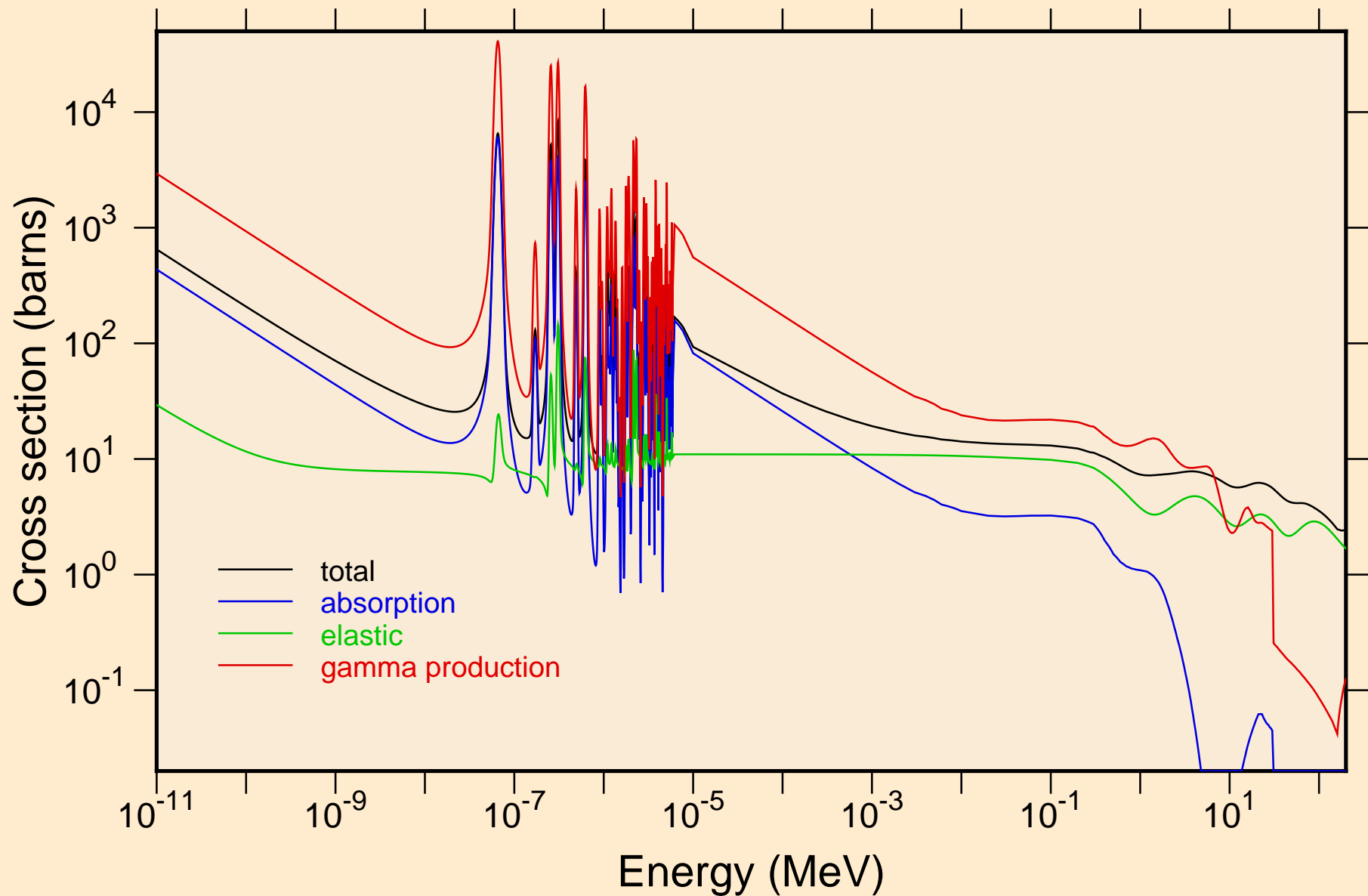
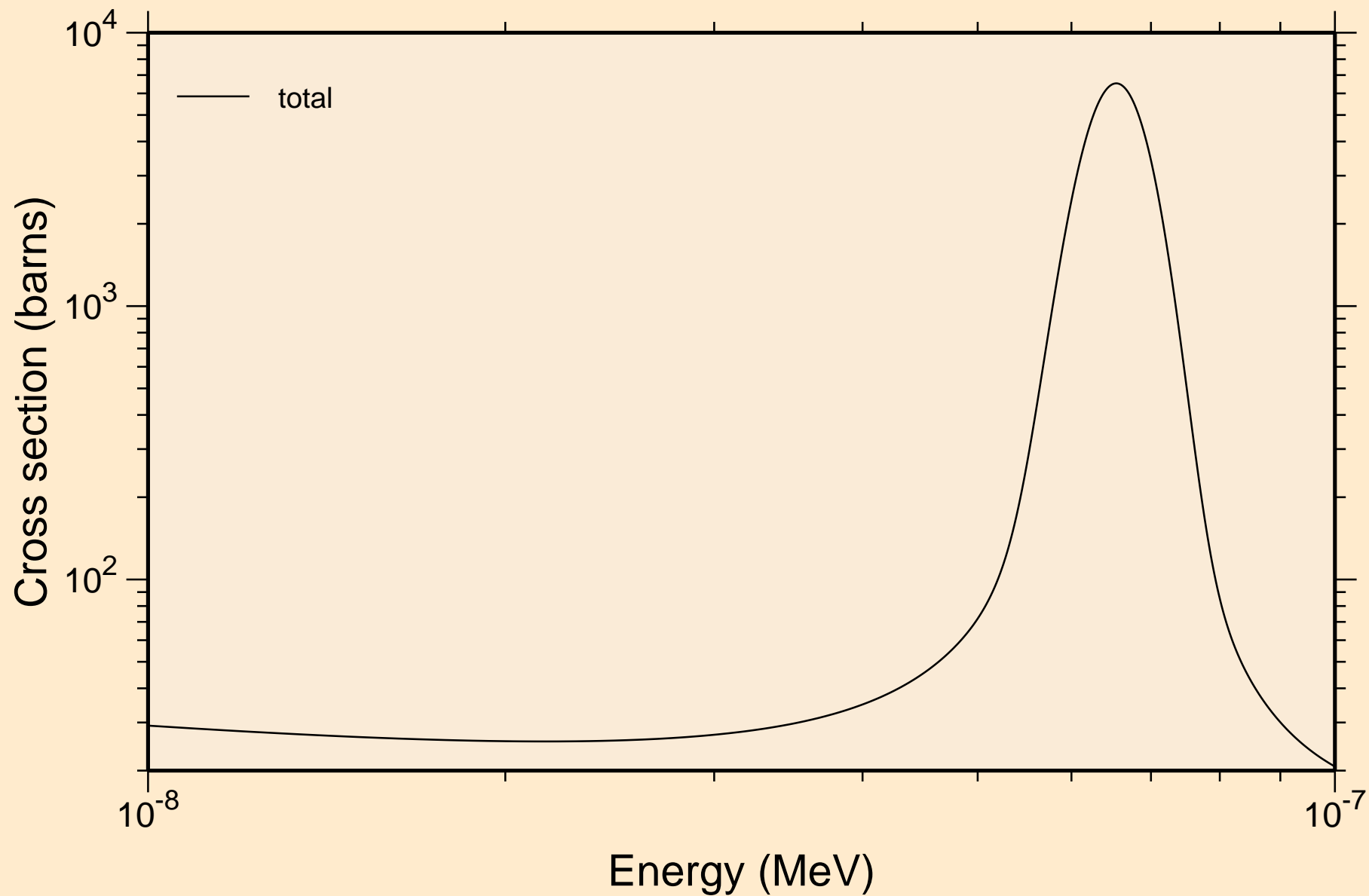


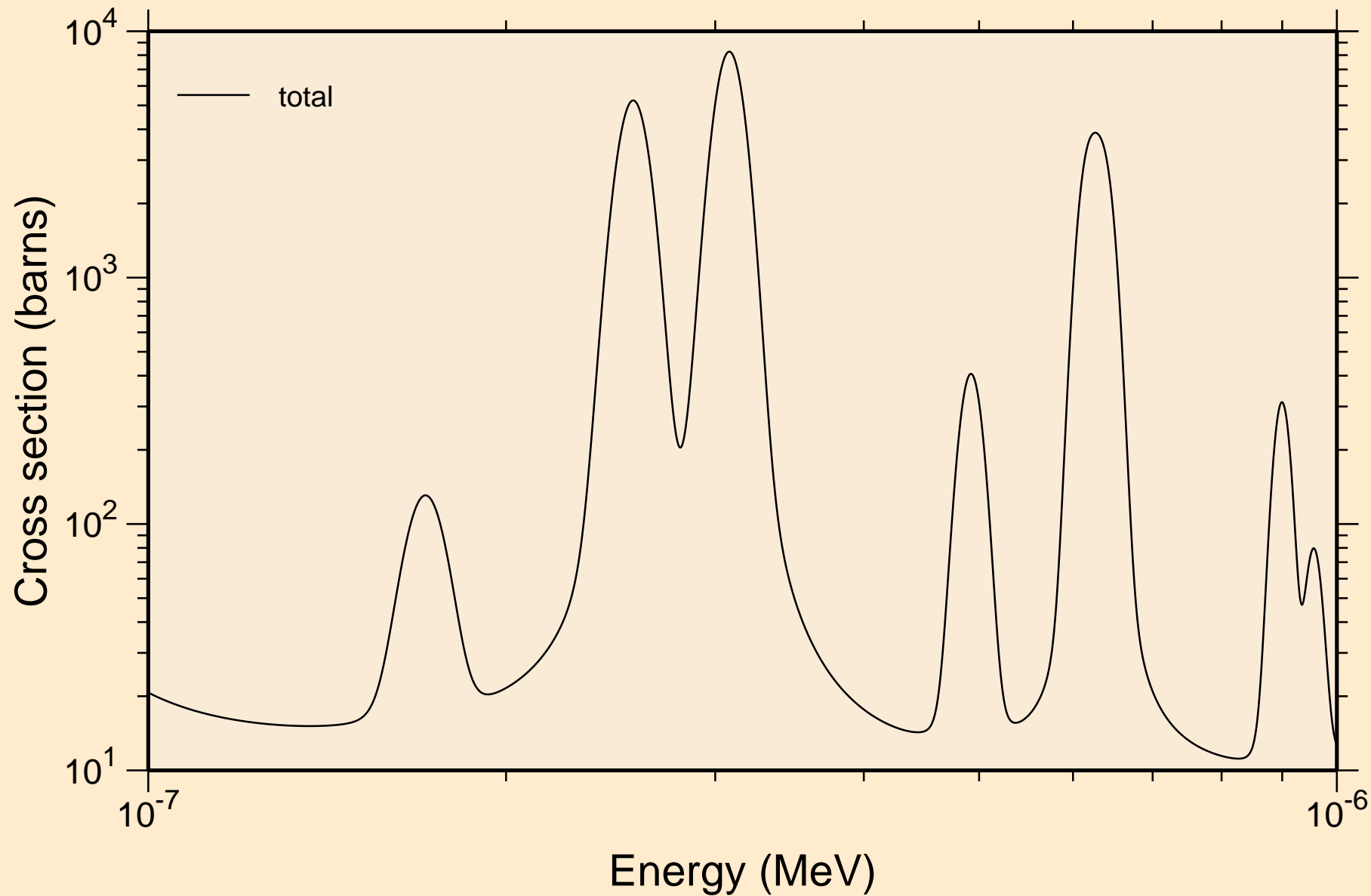
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



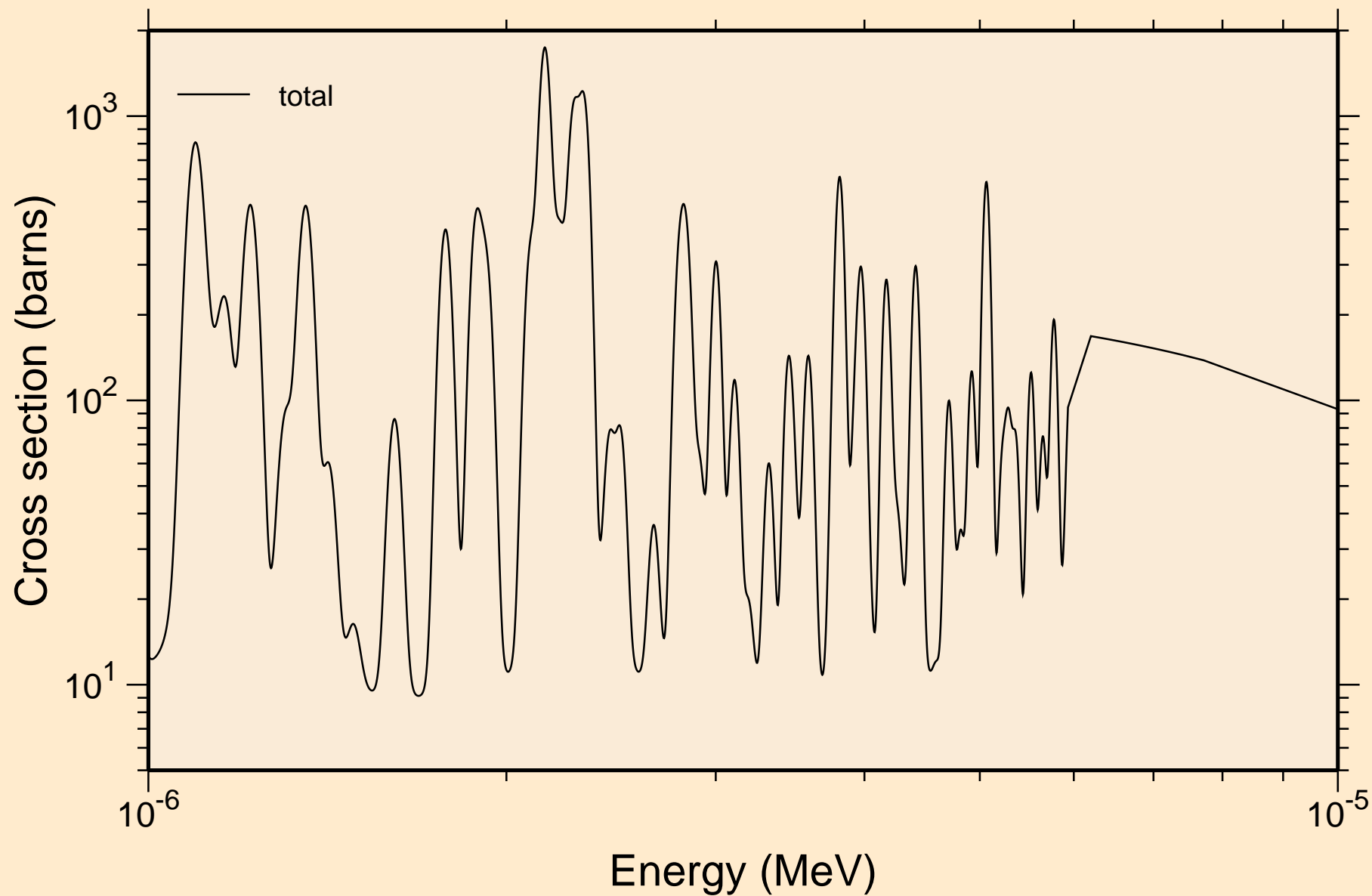
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



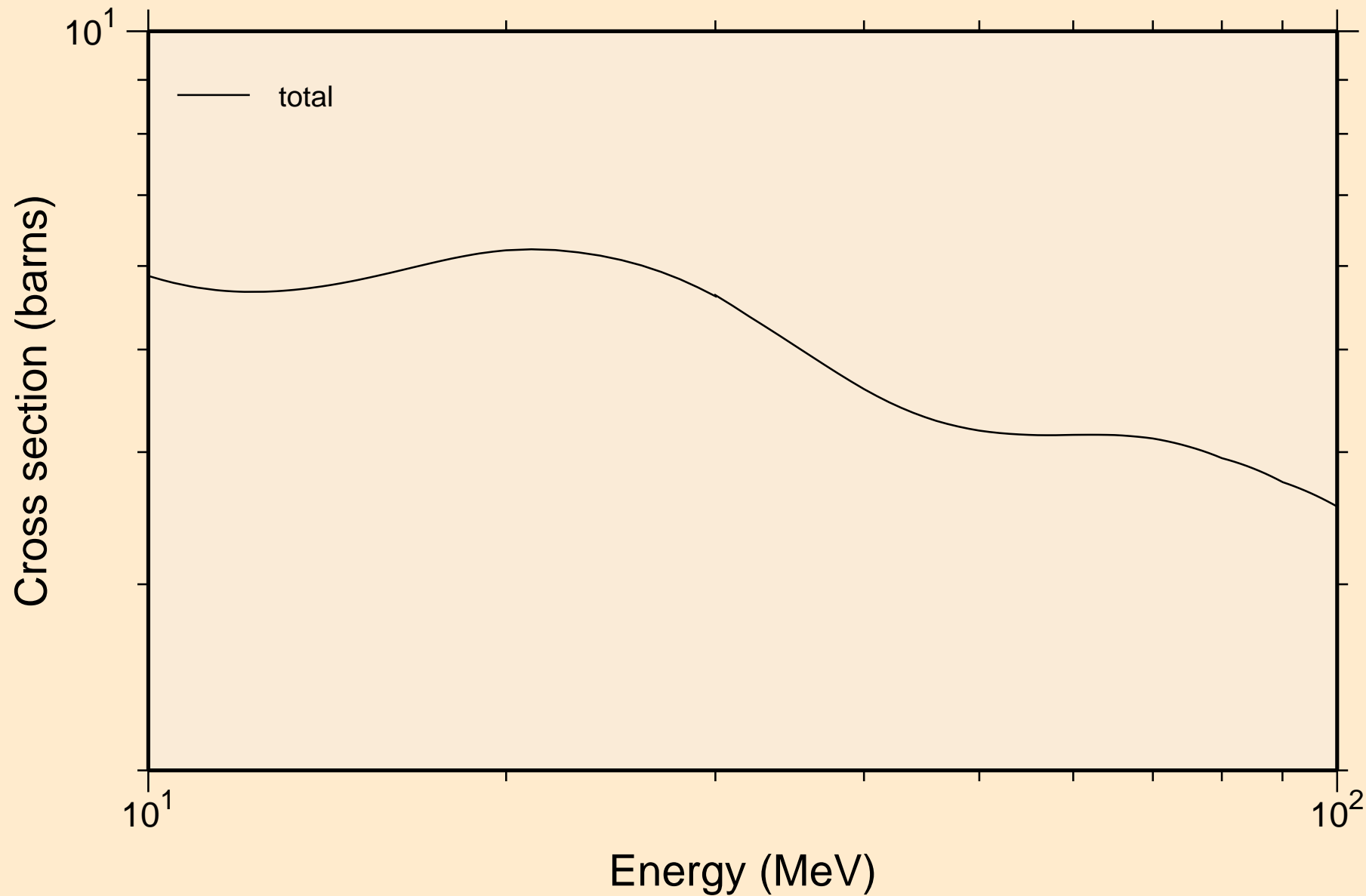
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



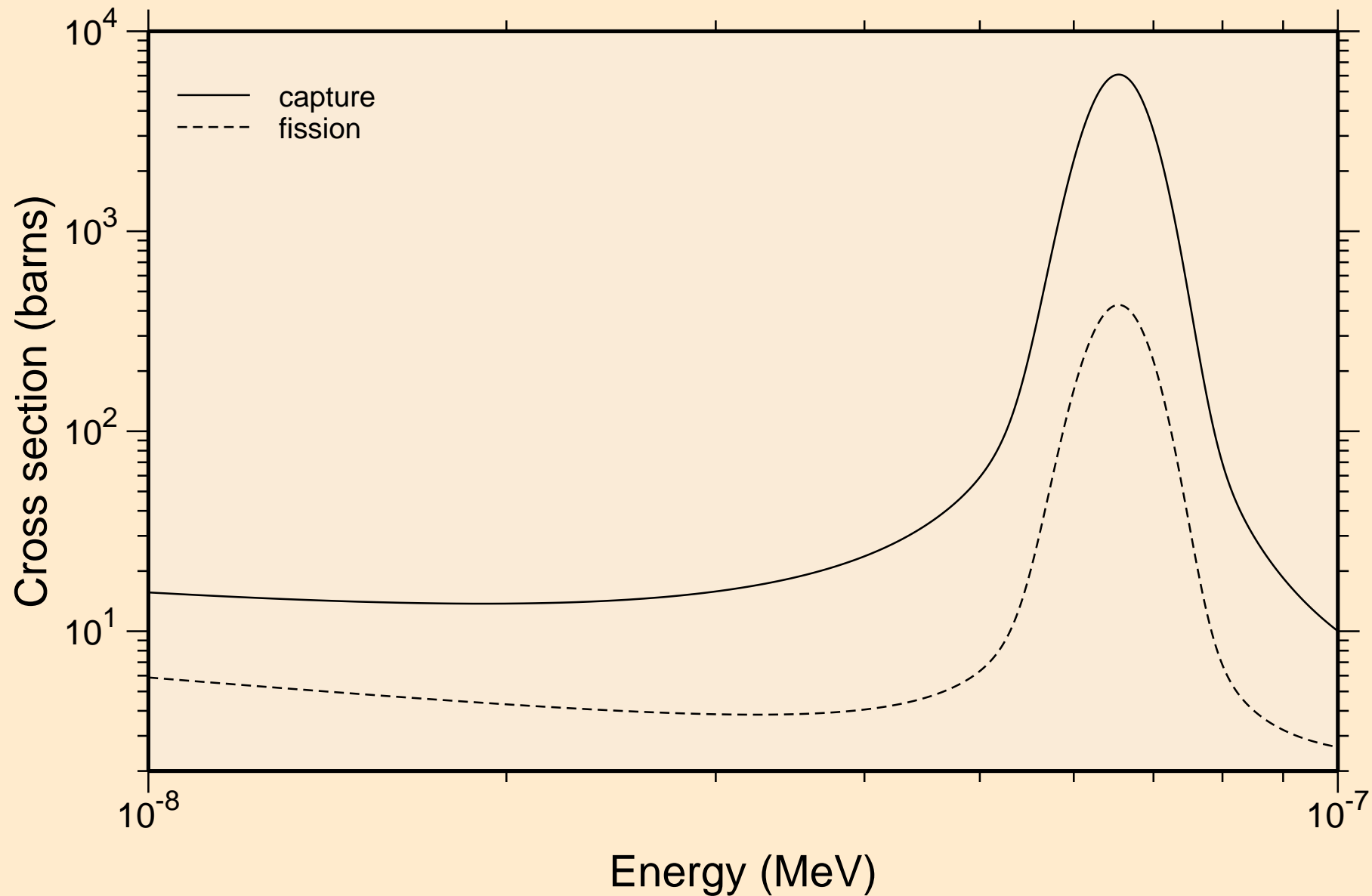
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



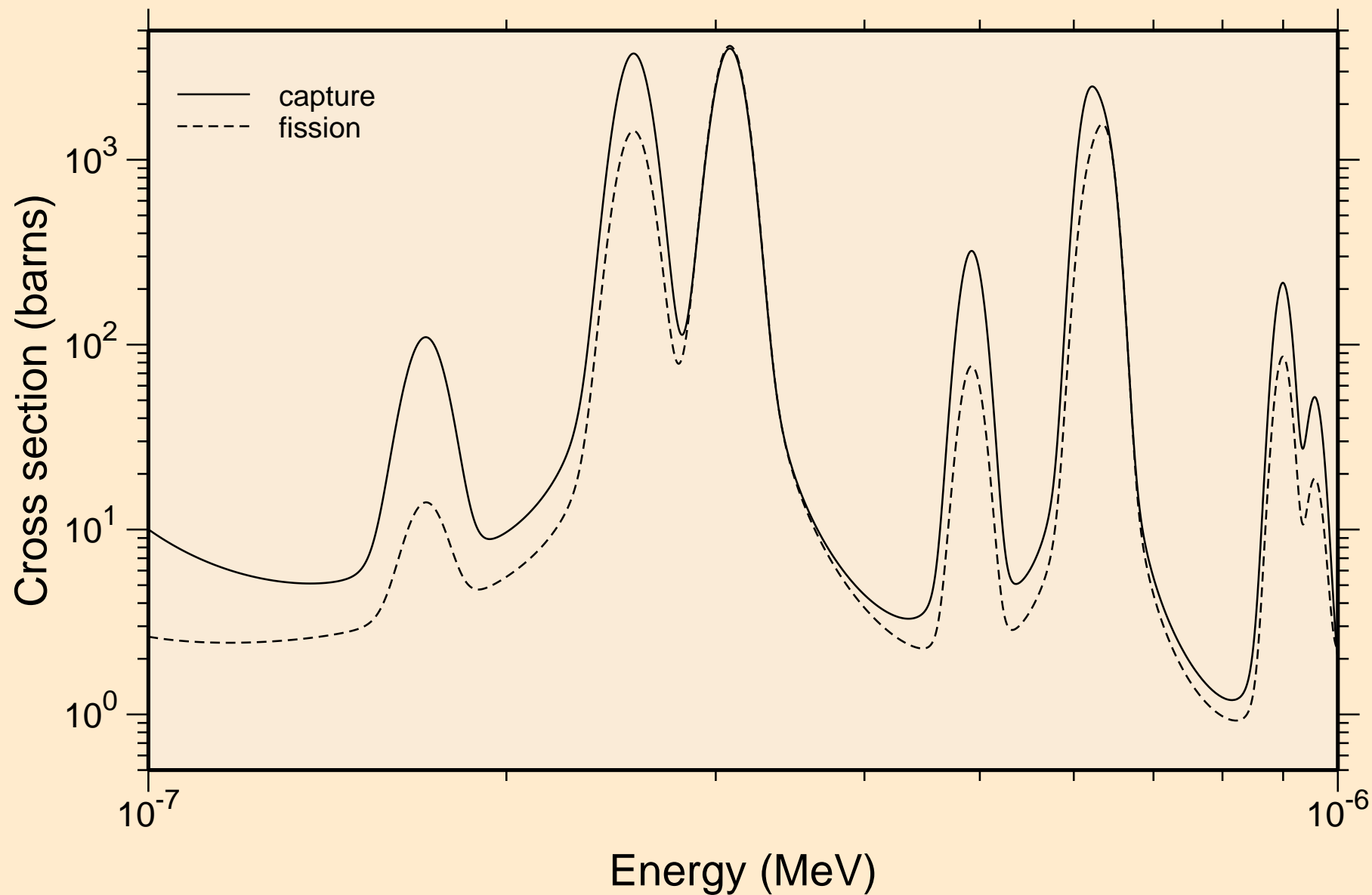
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



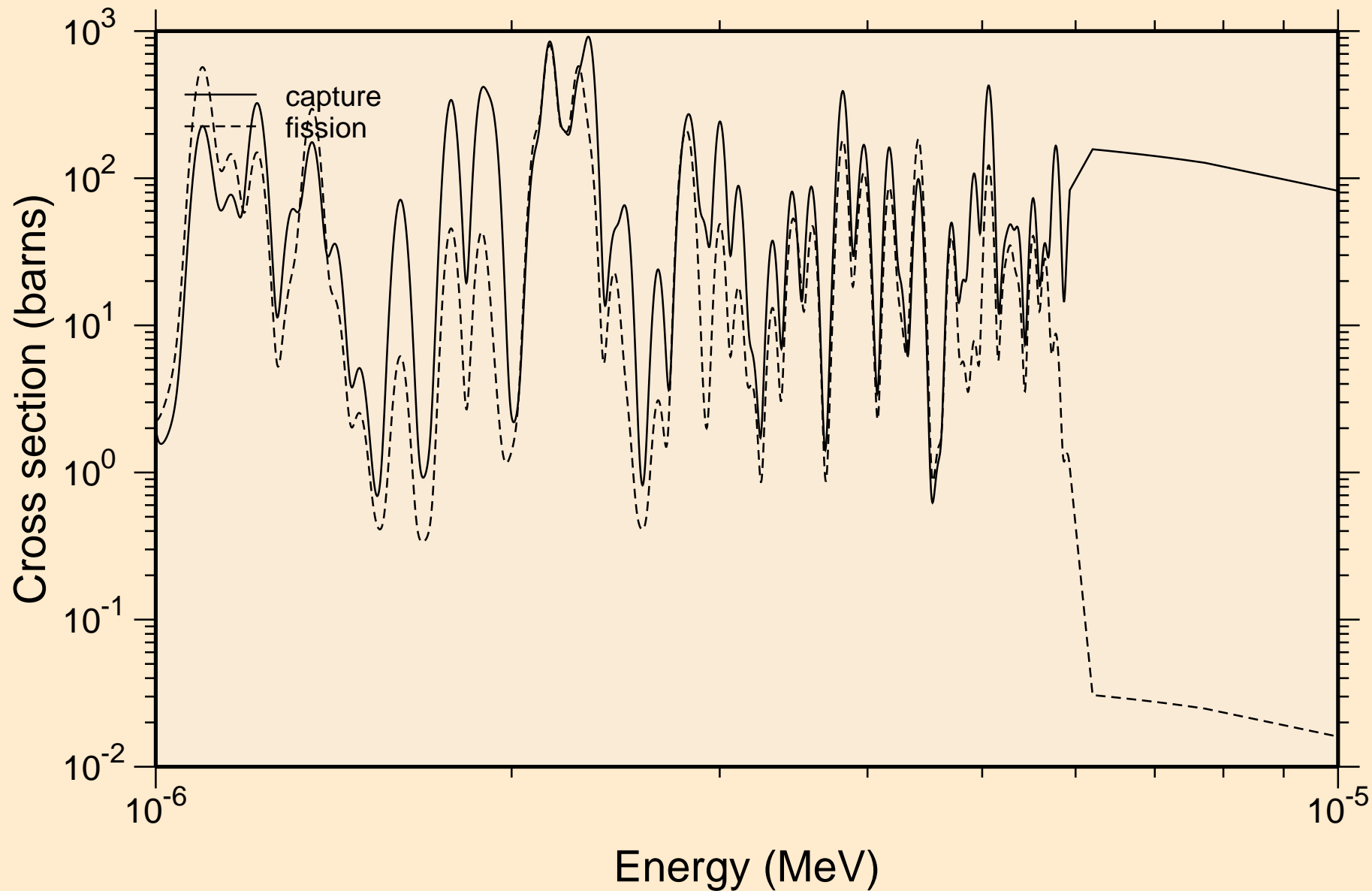
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



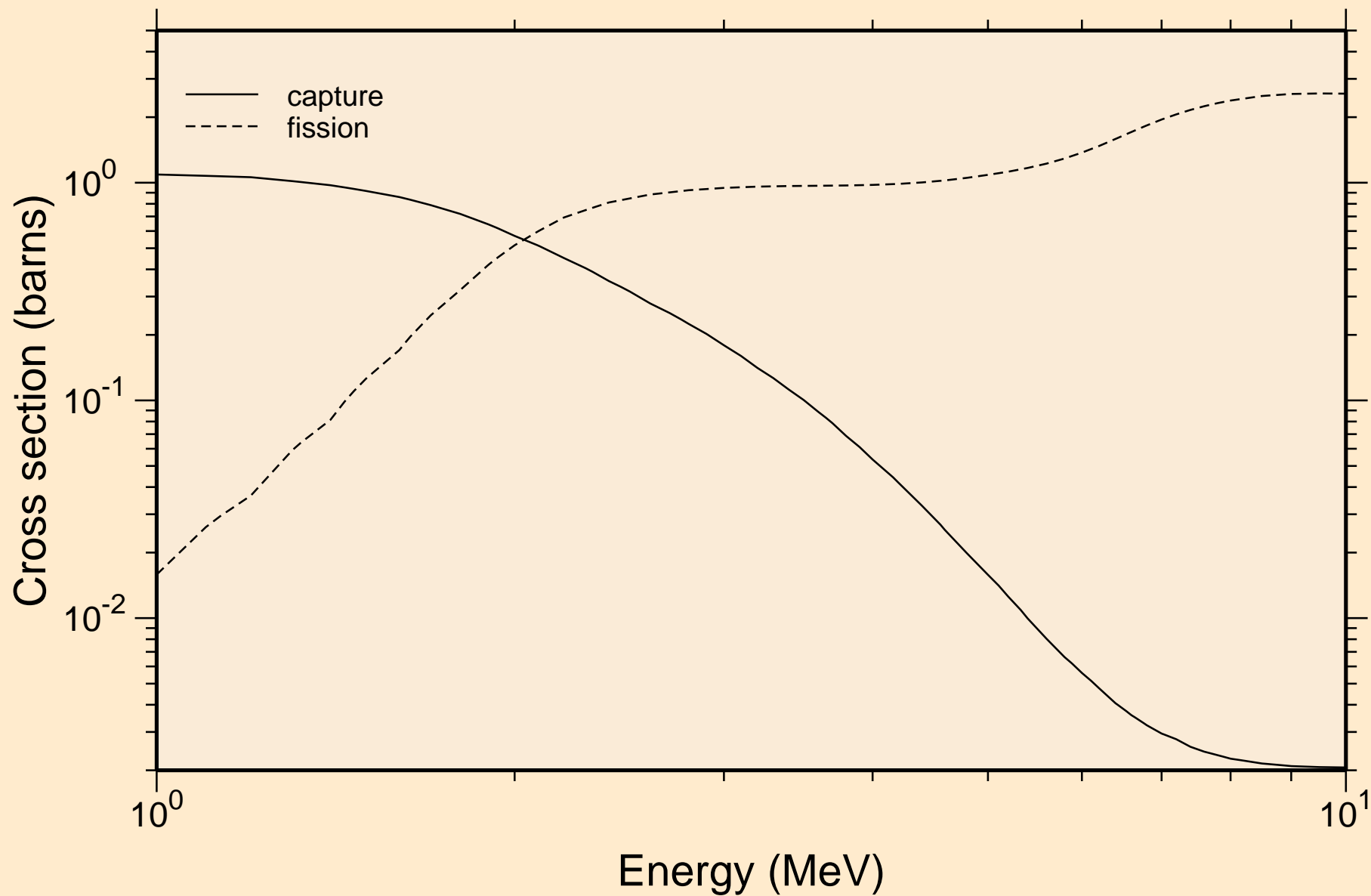
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



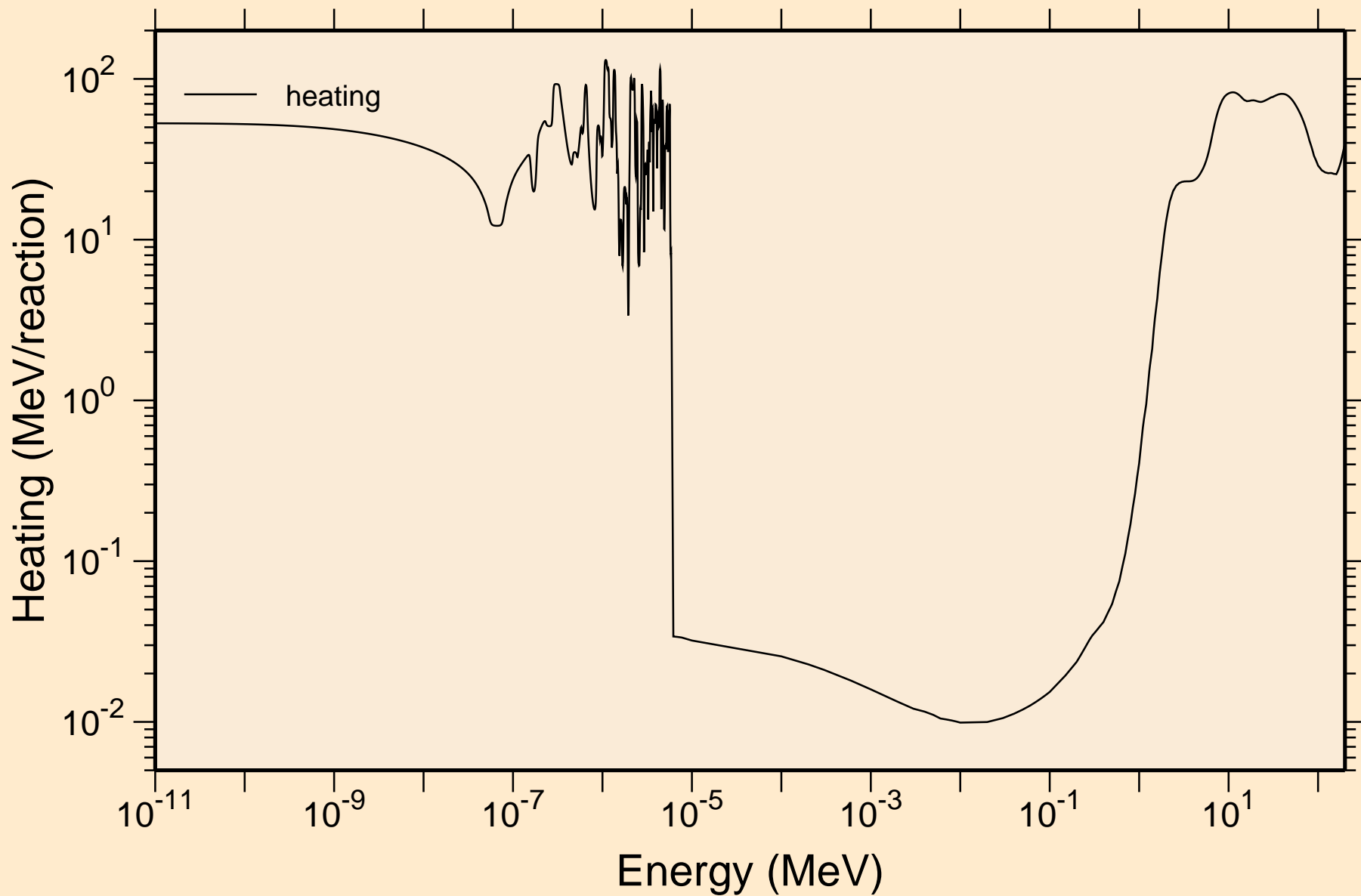
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



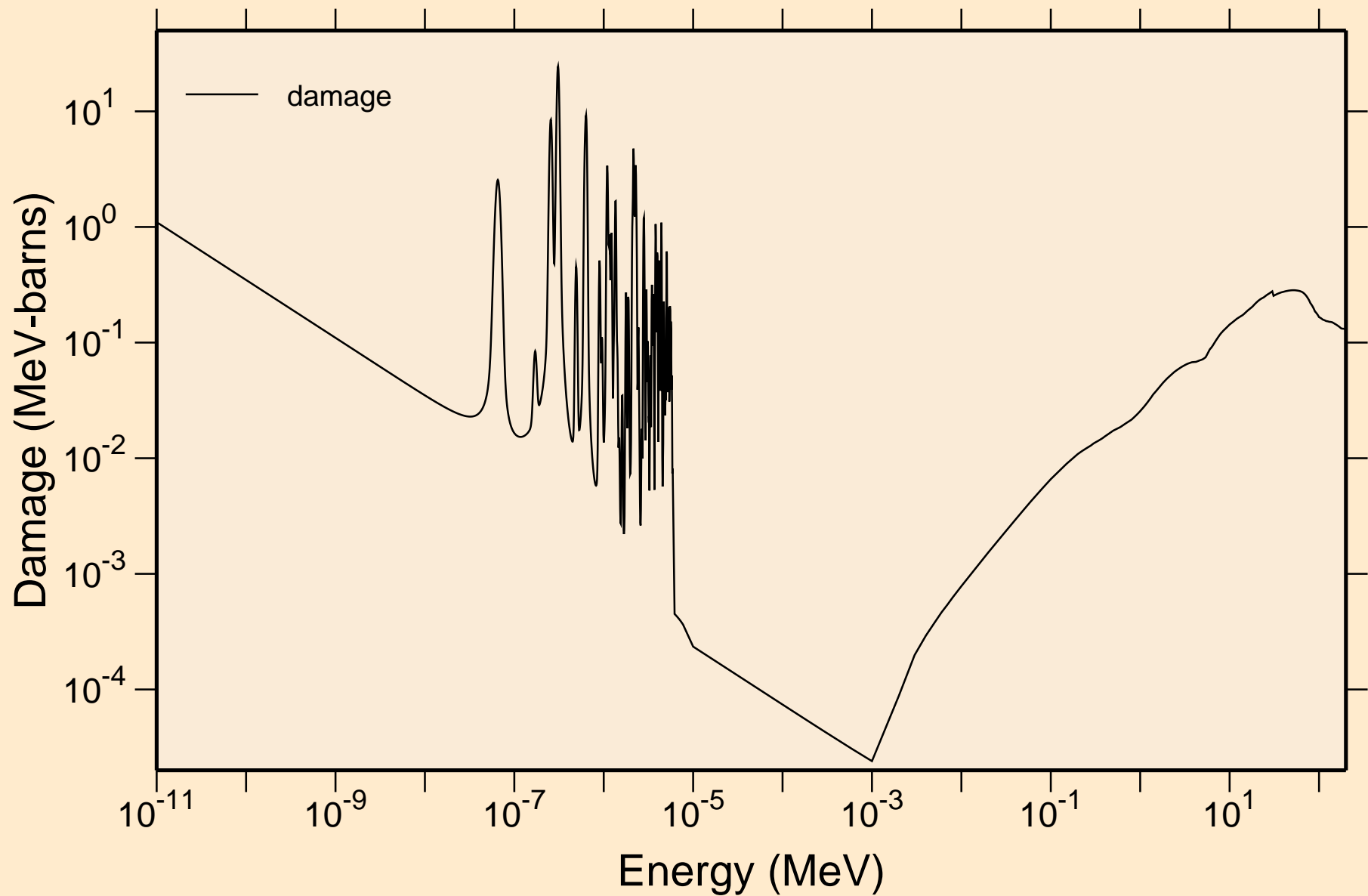
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating

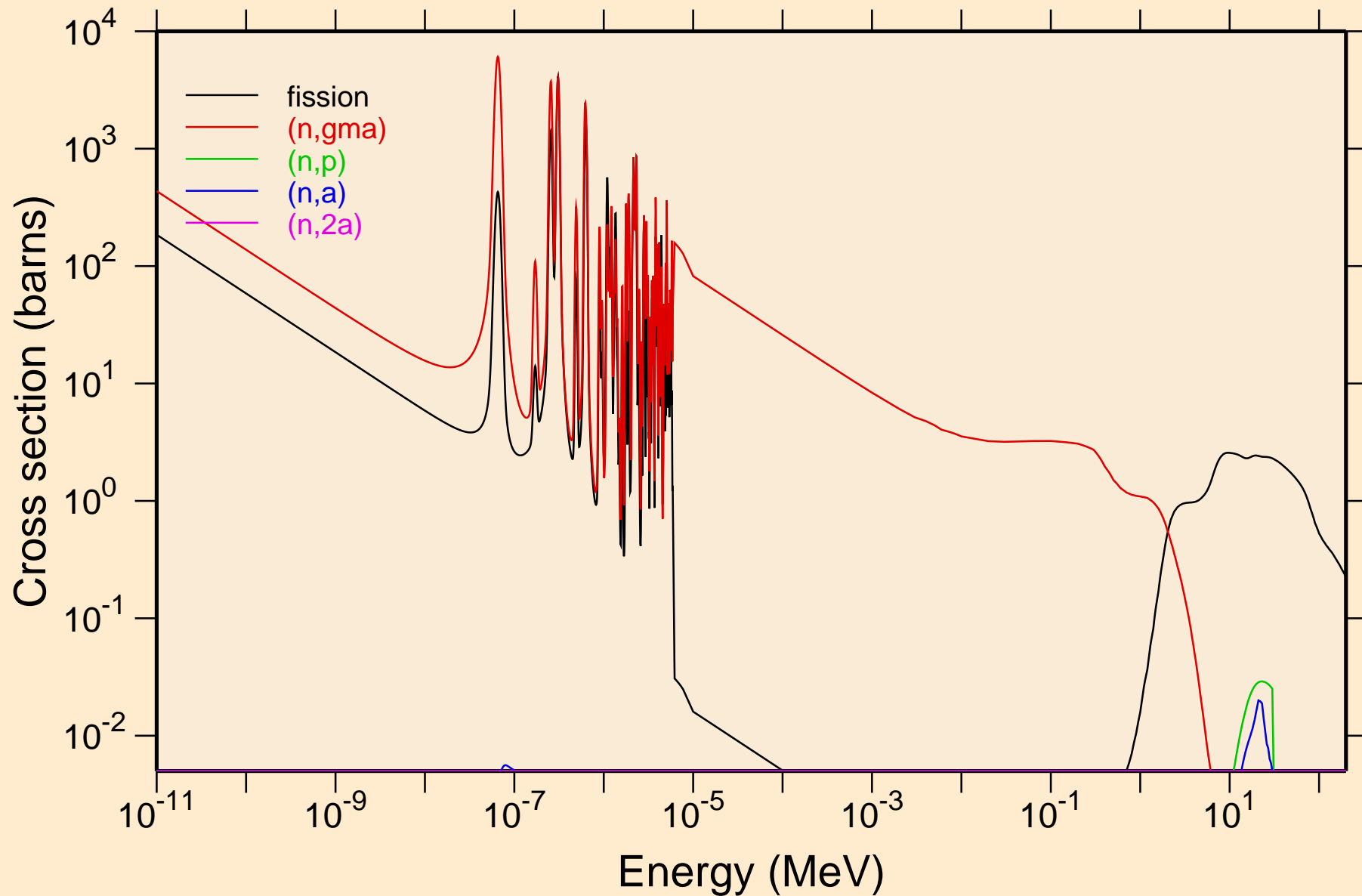


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

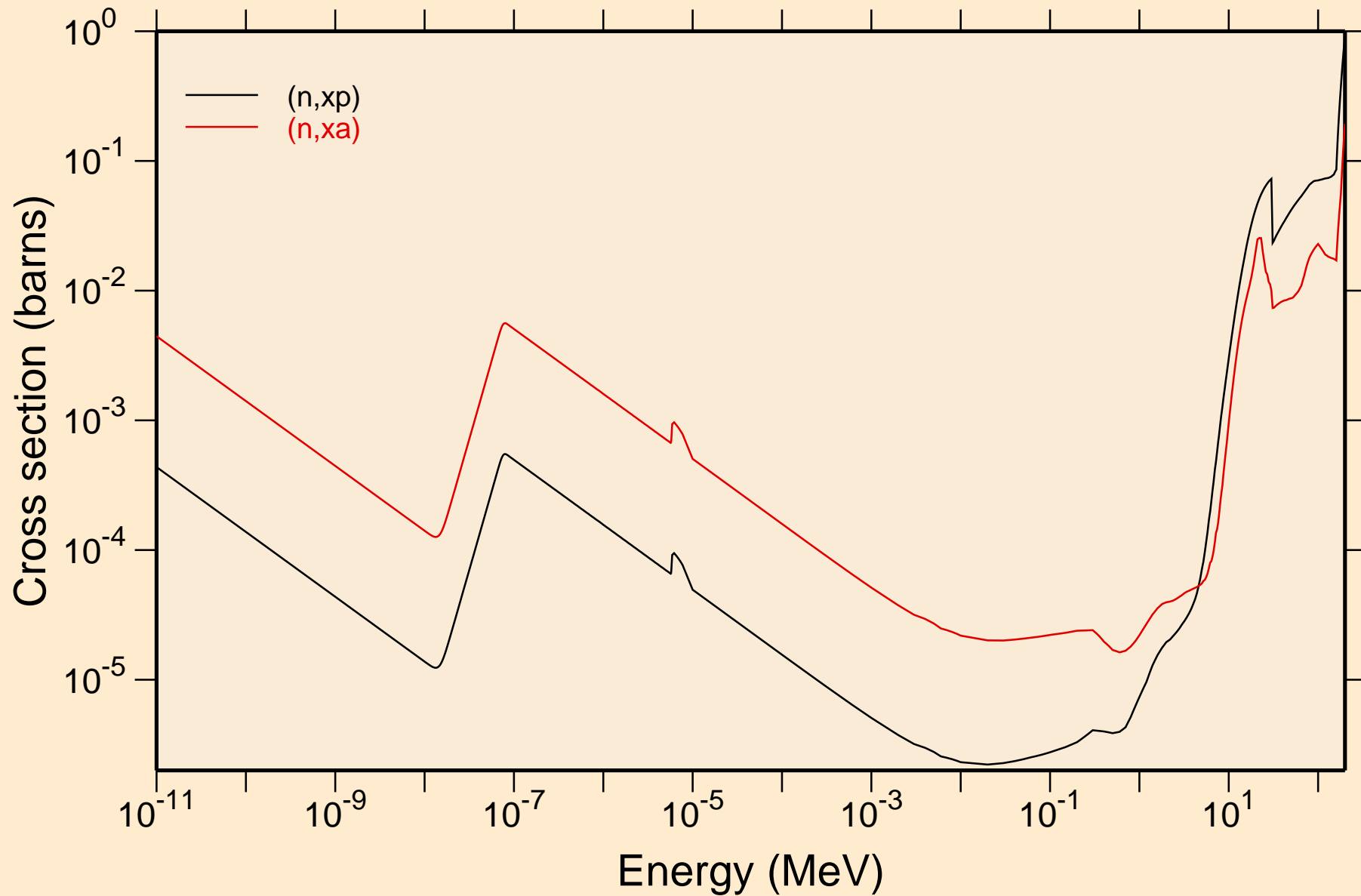


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Non-threshold reactions

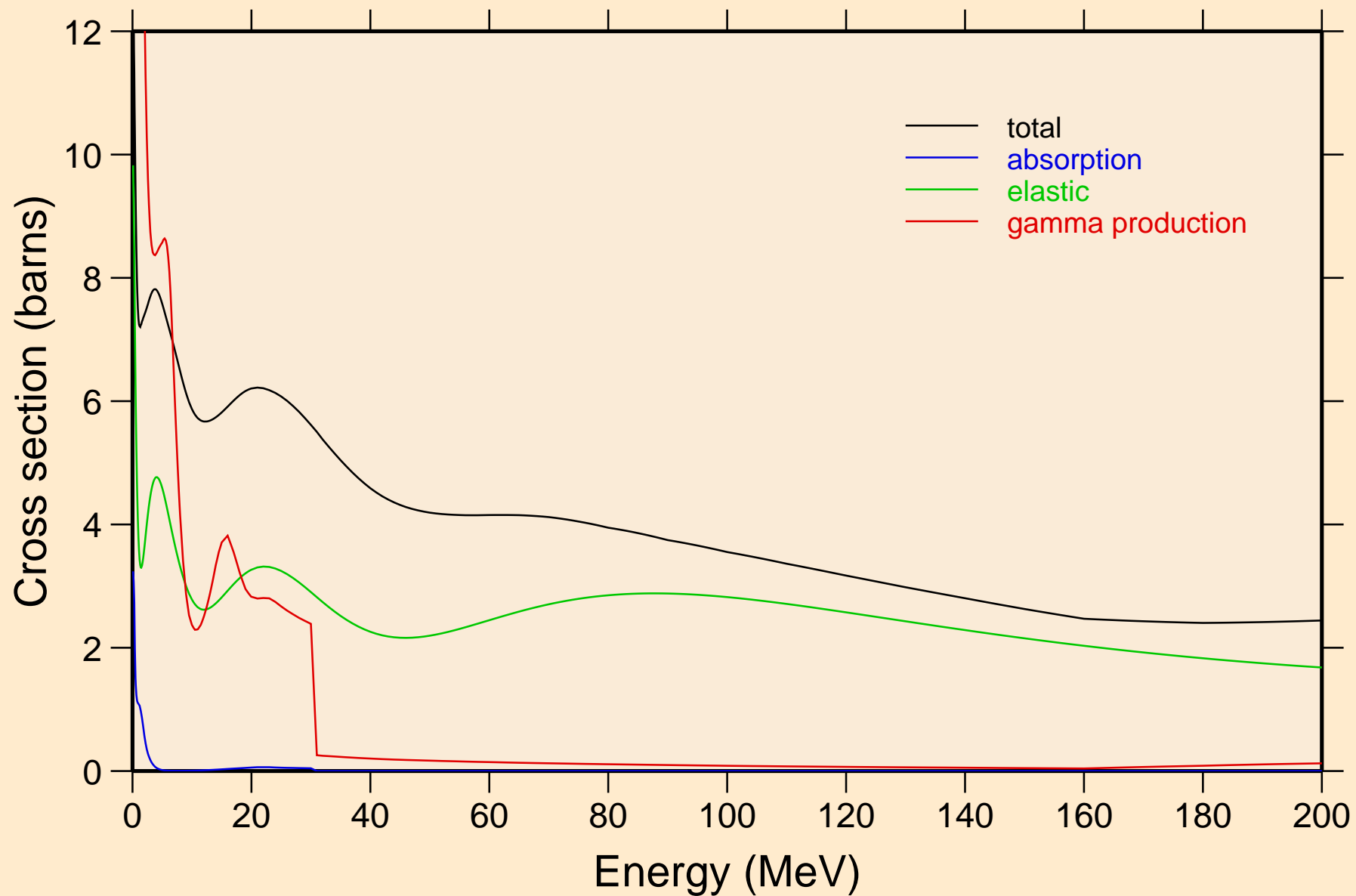


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

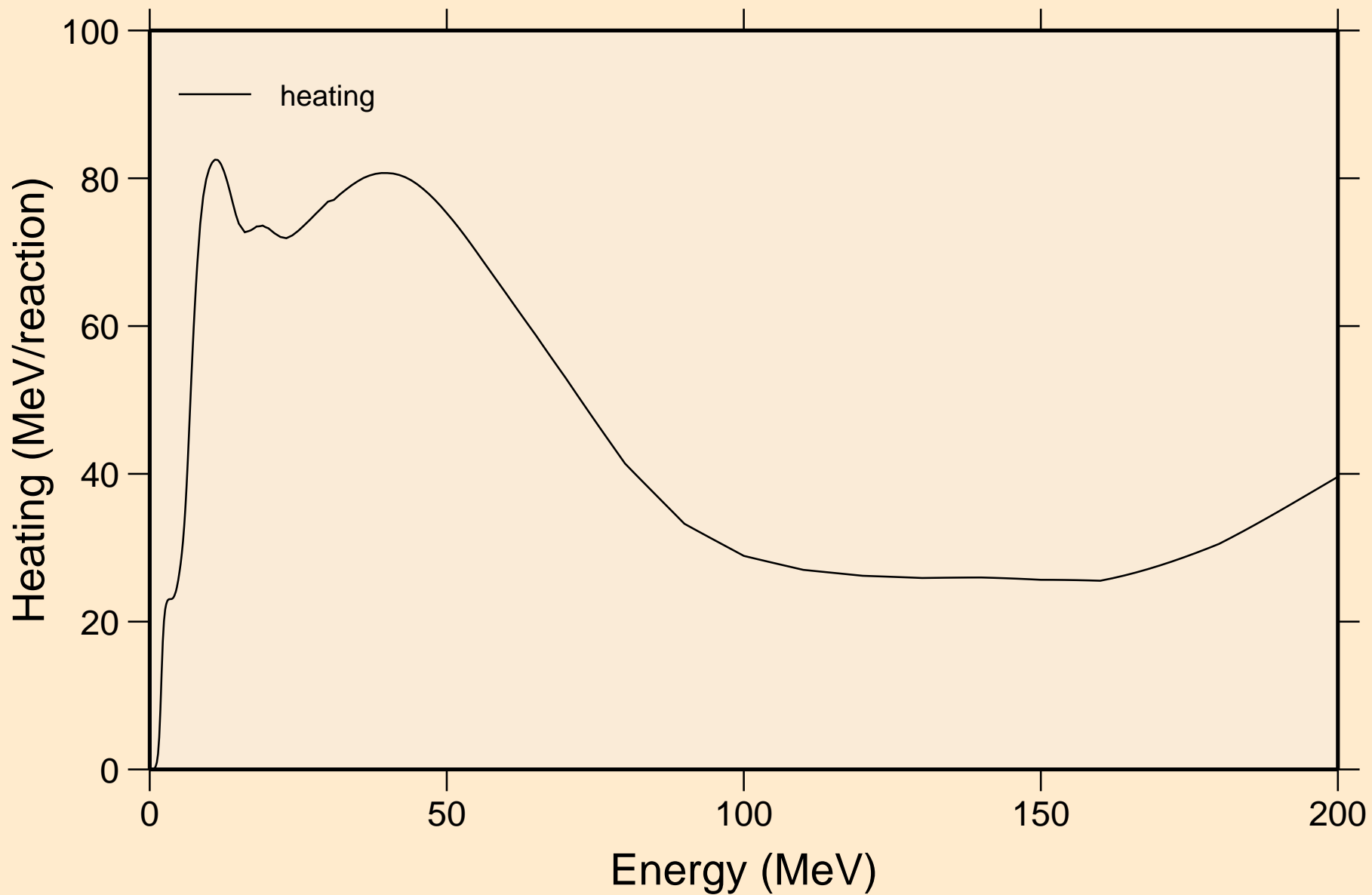


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

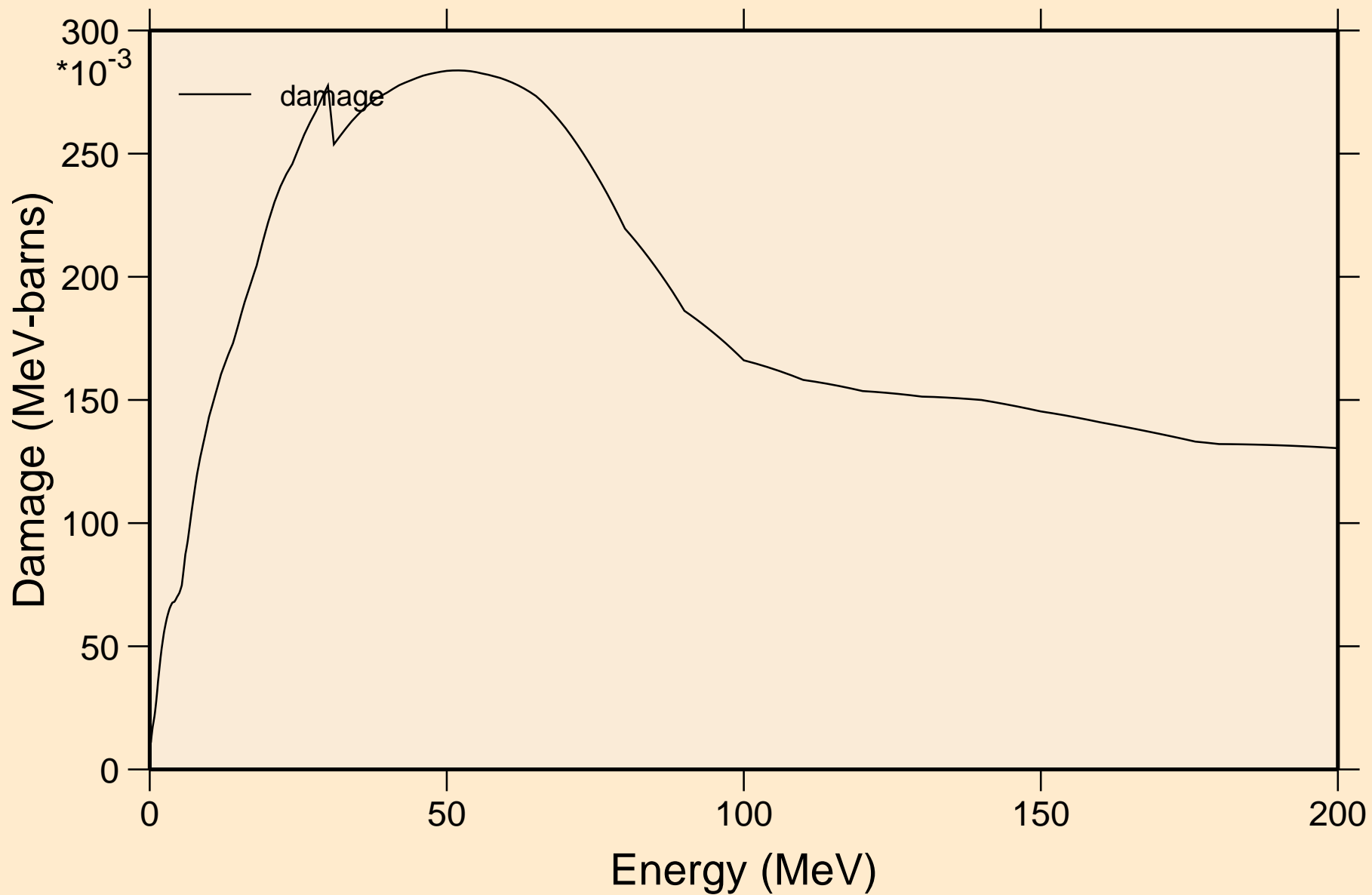
Principal cross sections



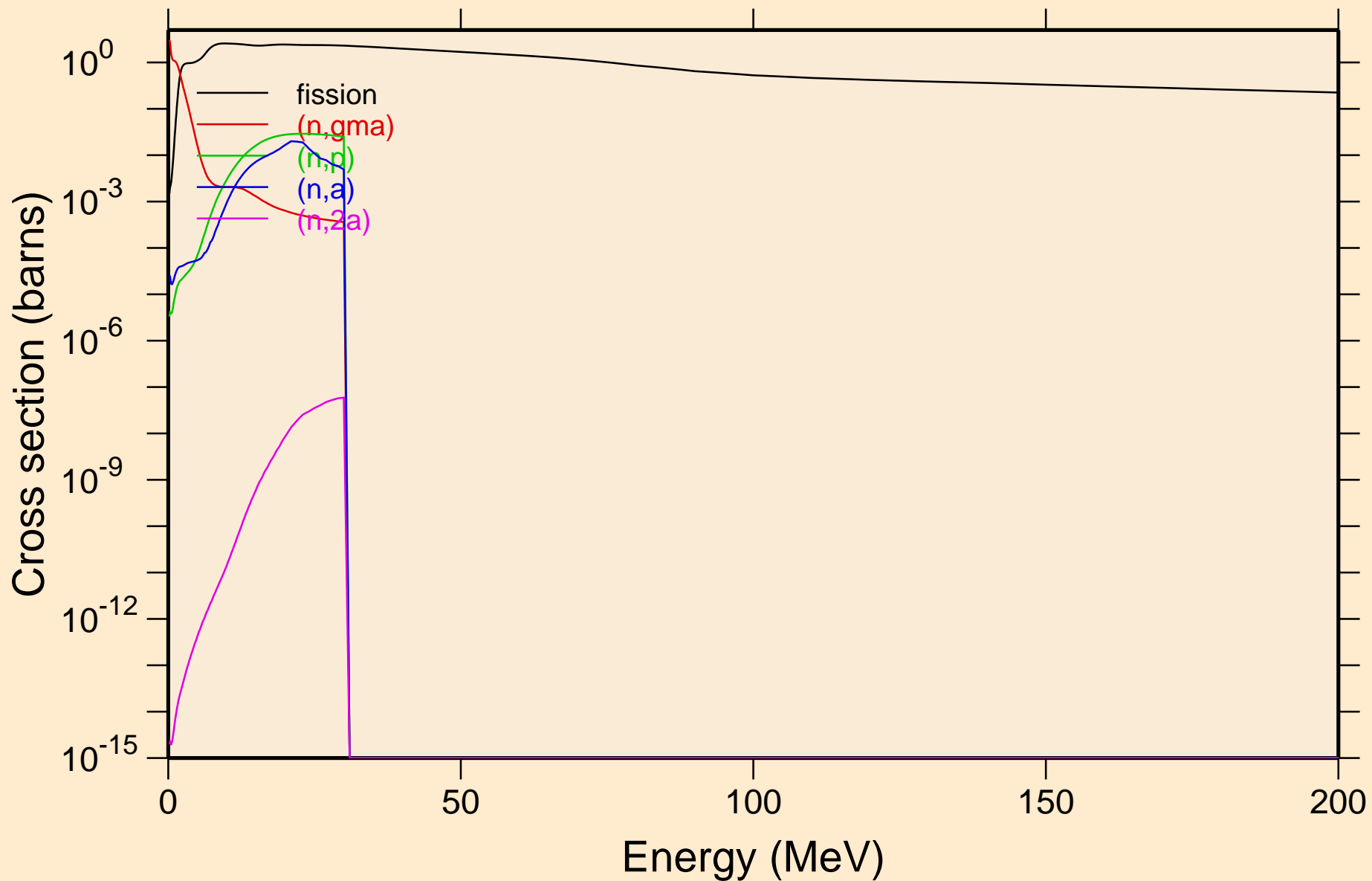
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



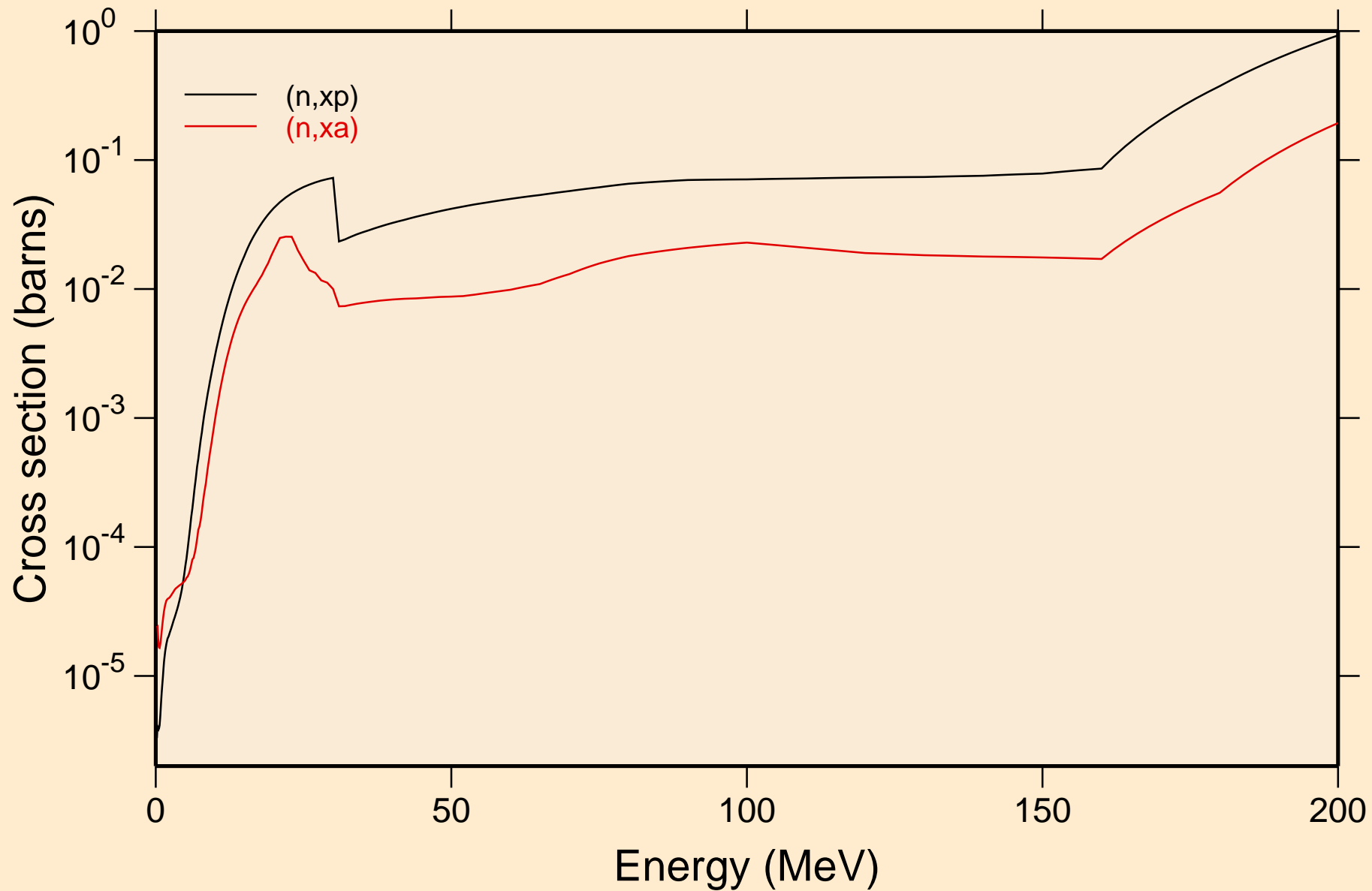
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



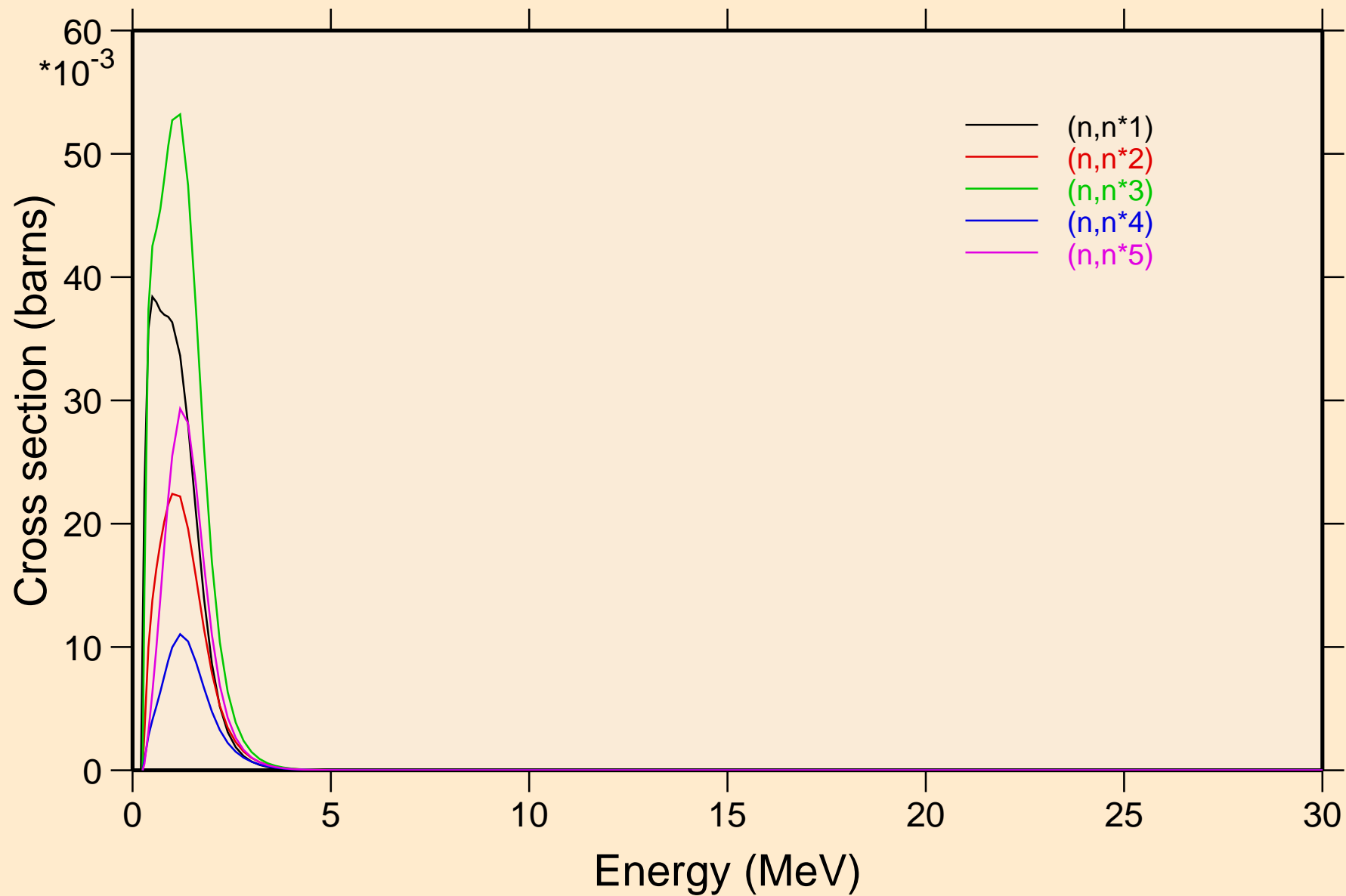
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



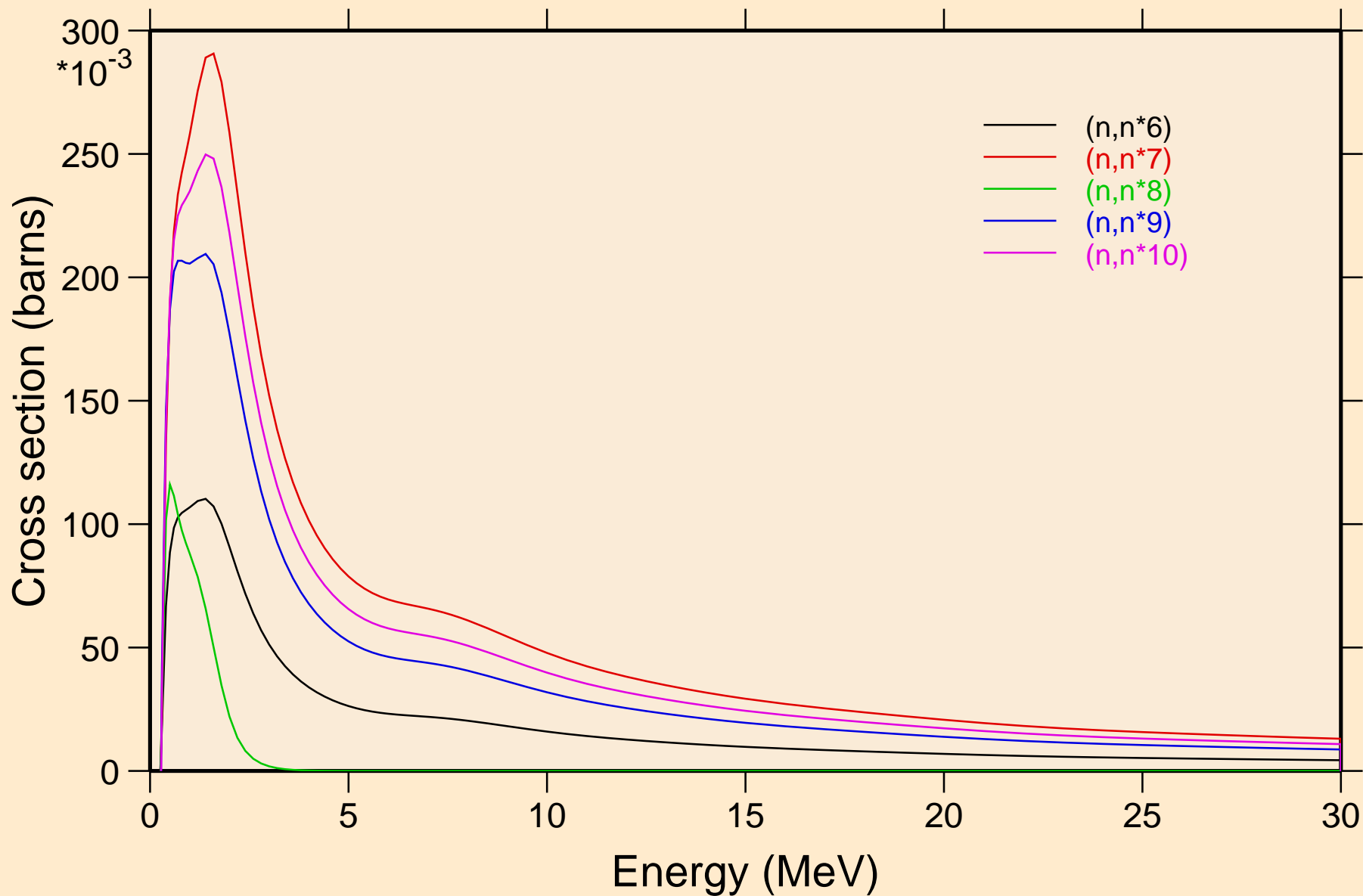
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



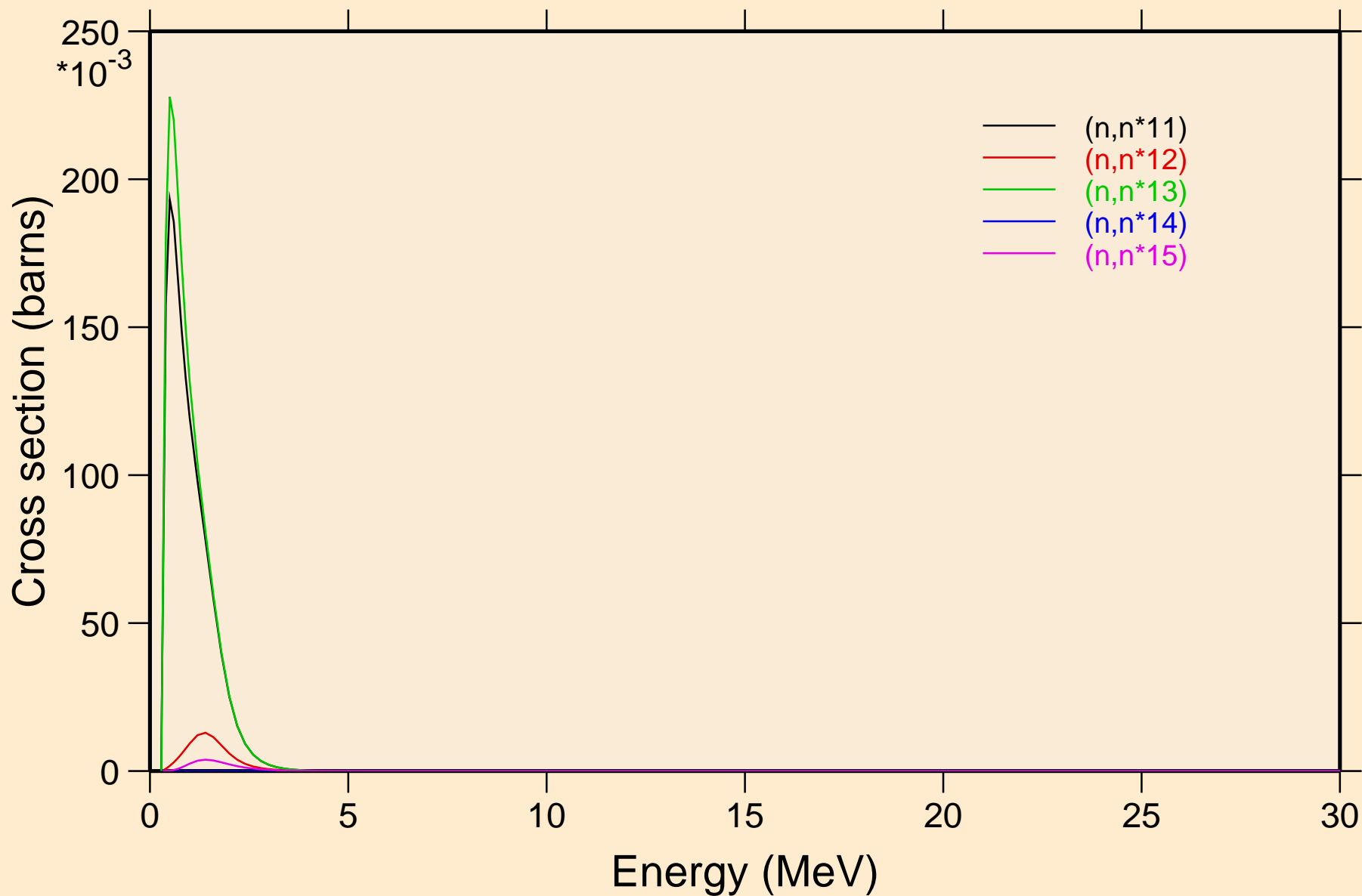
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



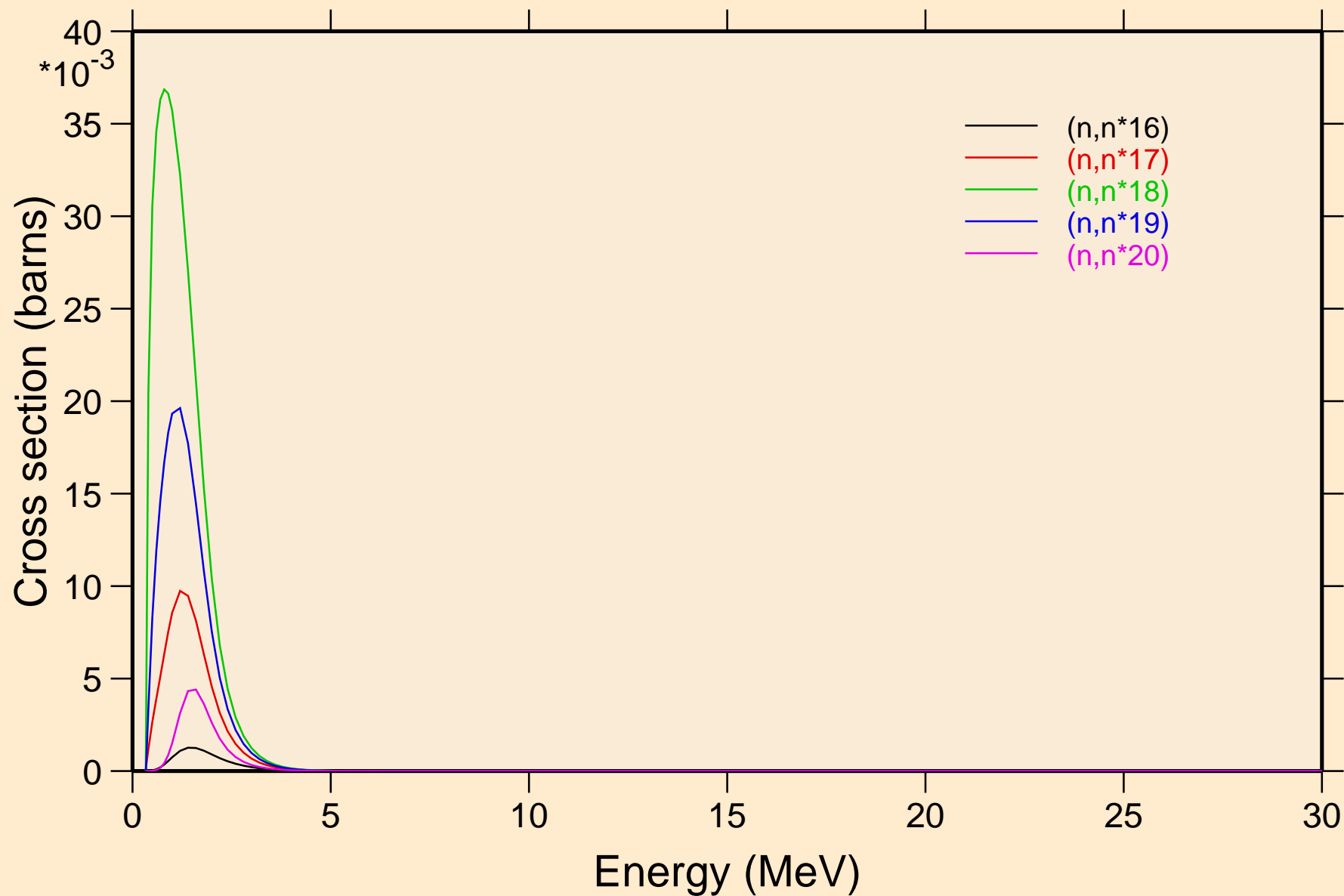
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



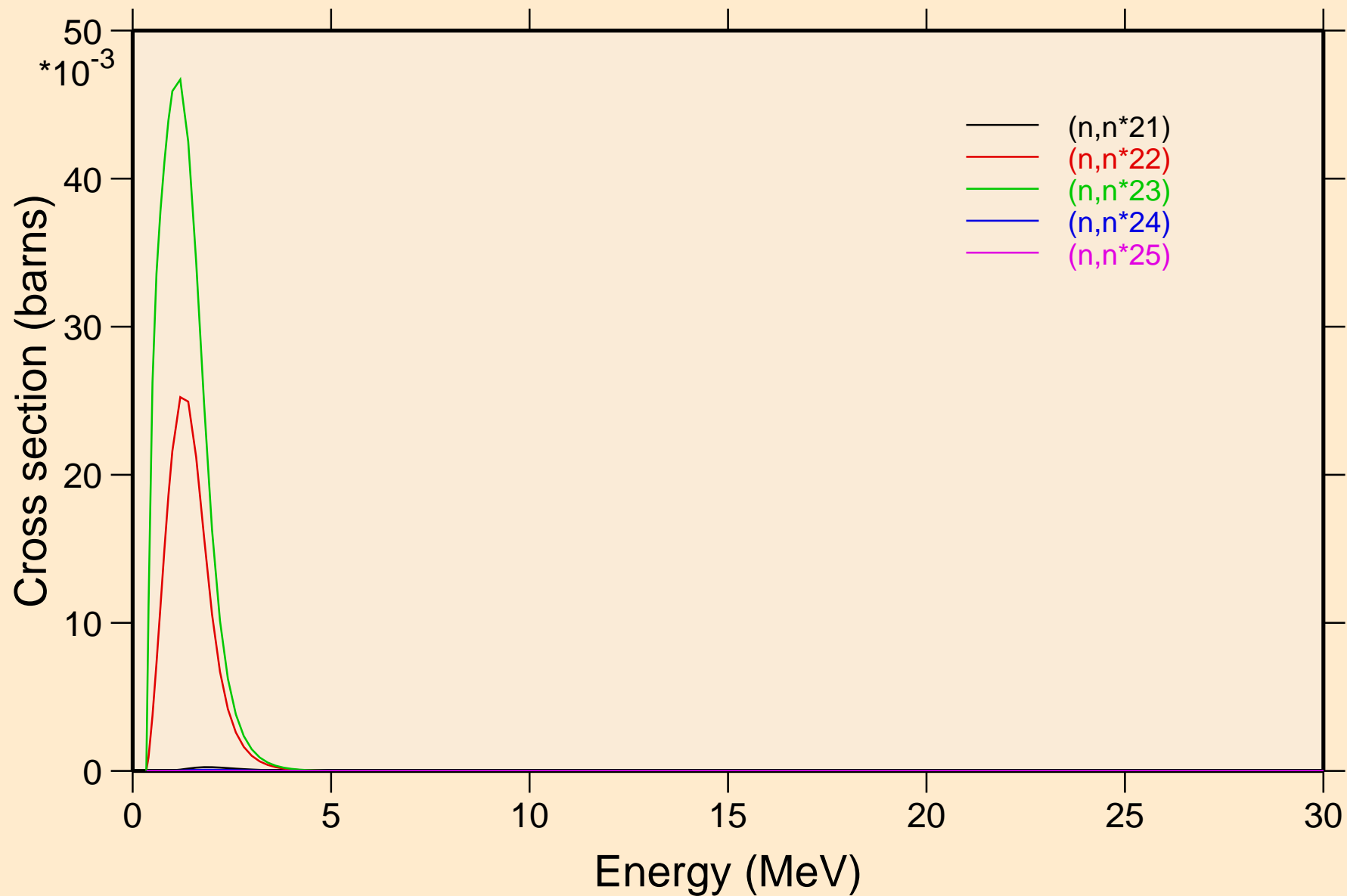
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



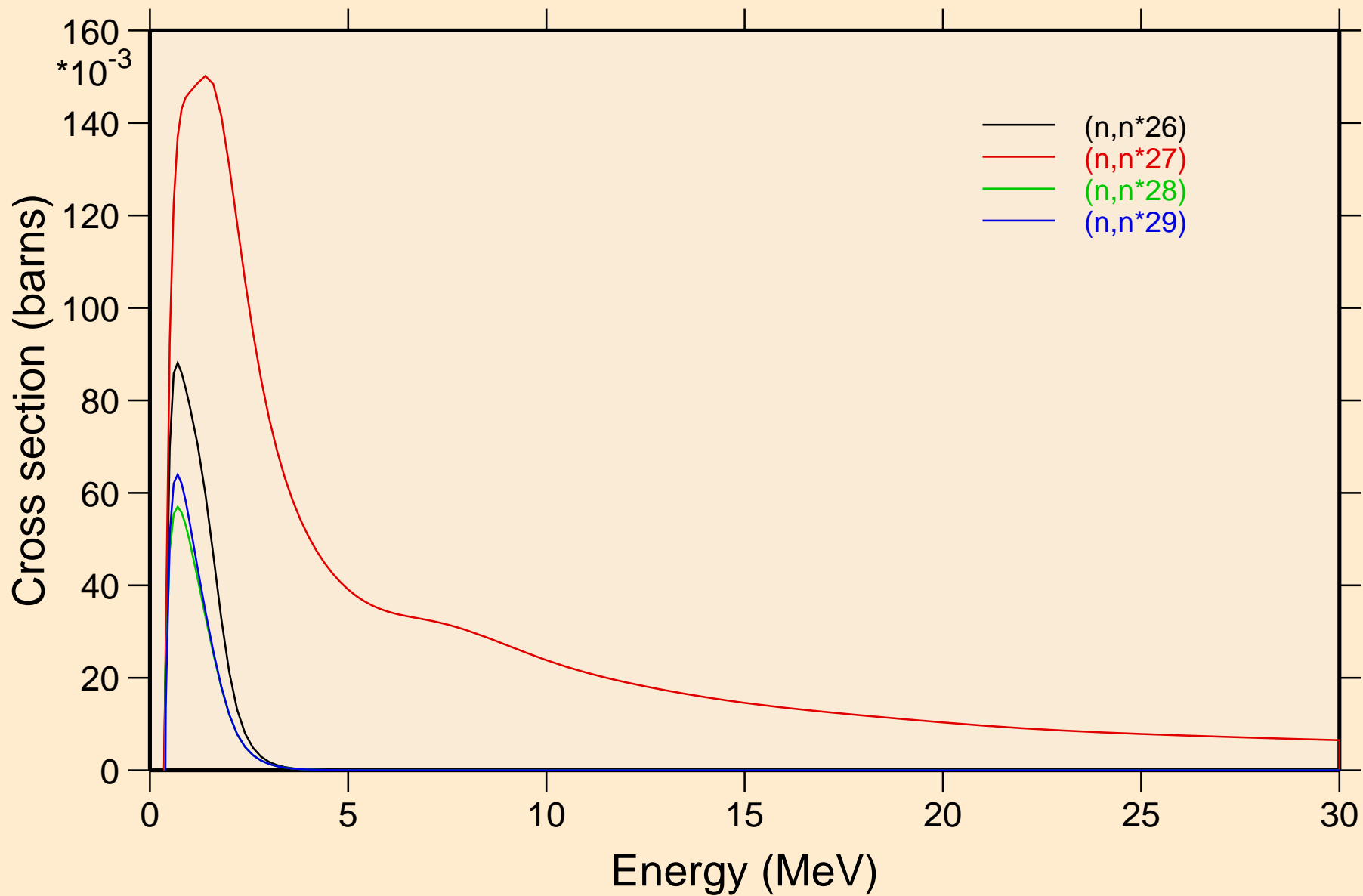
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

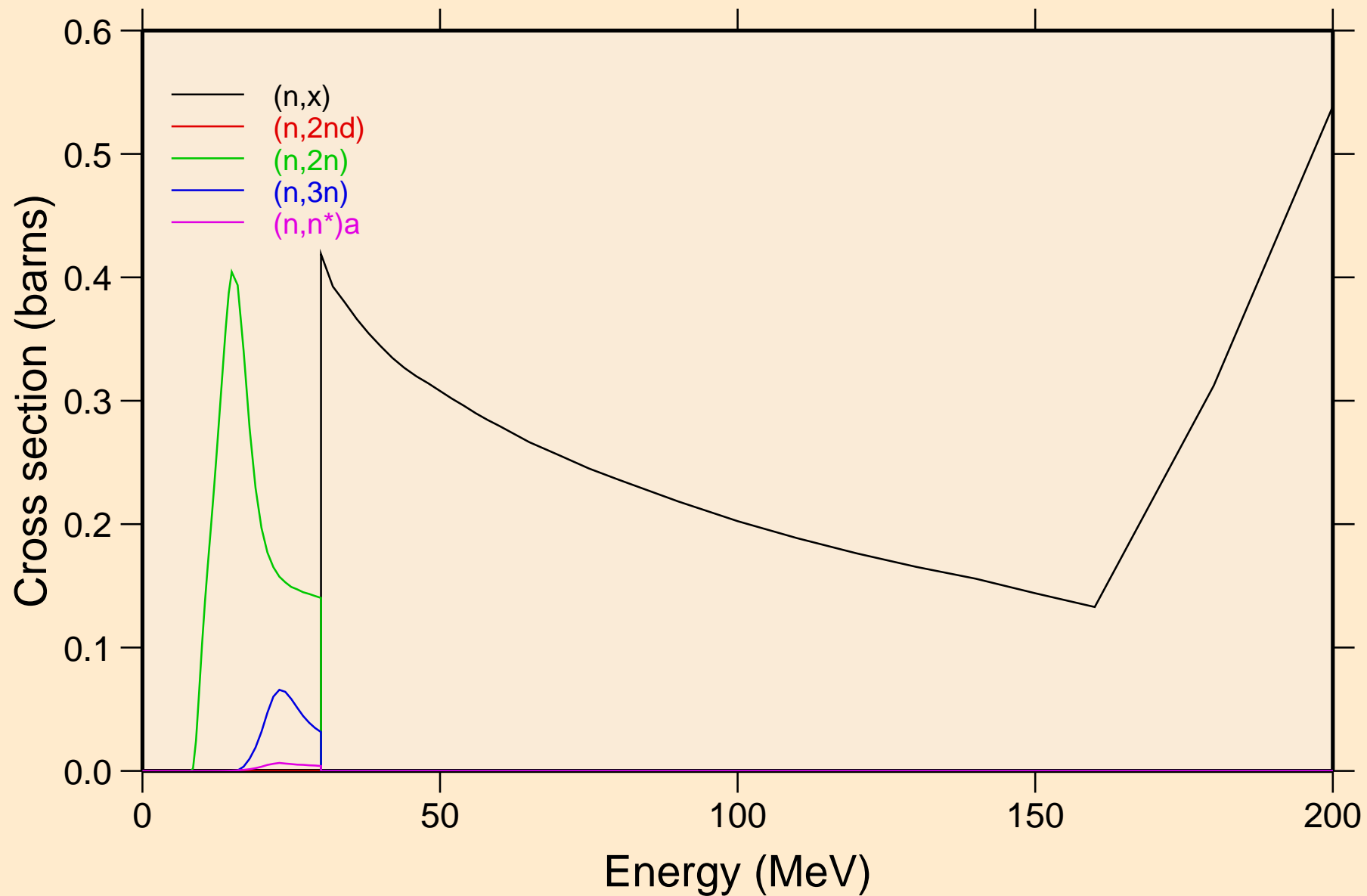


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

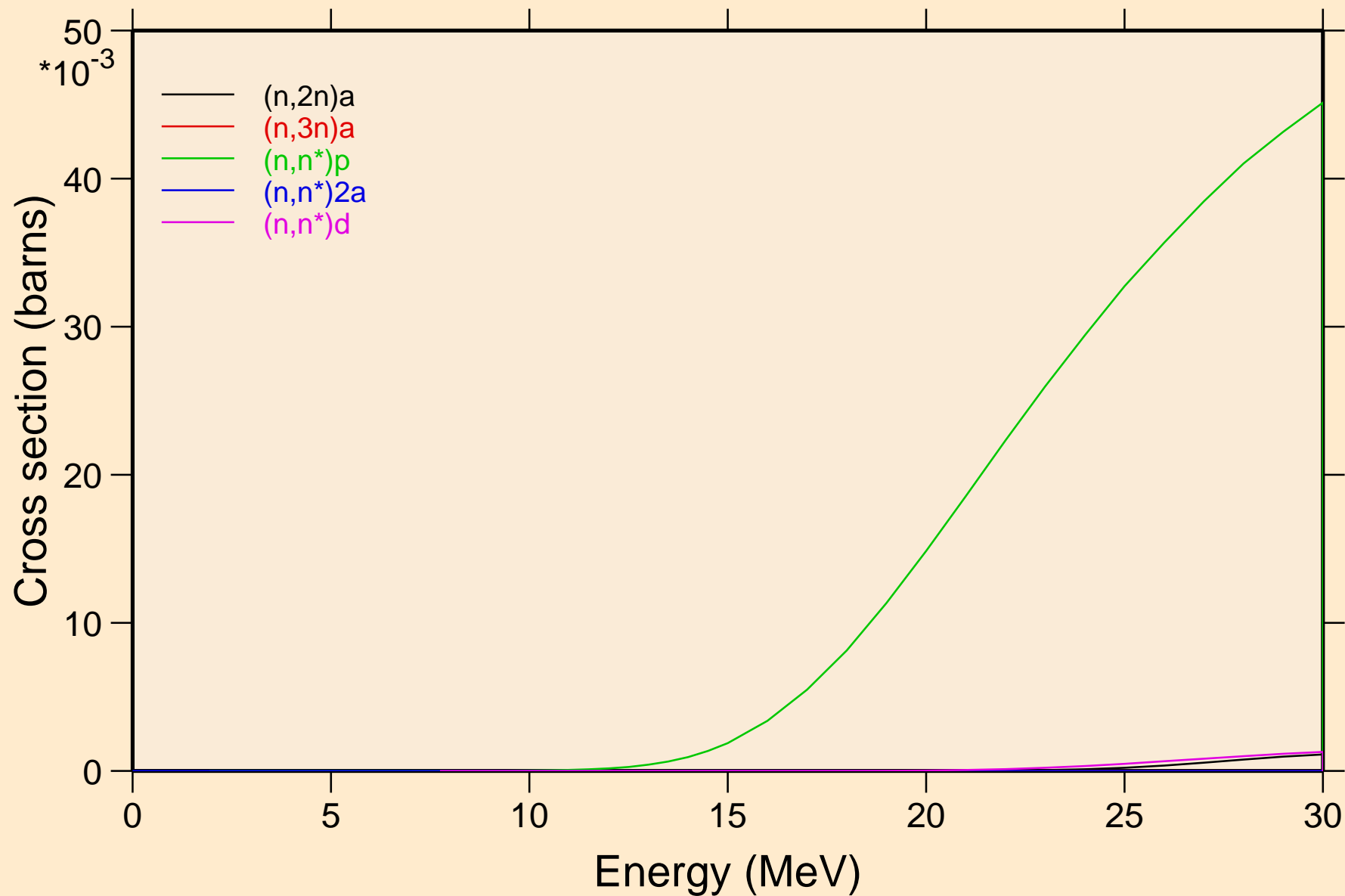


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

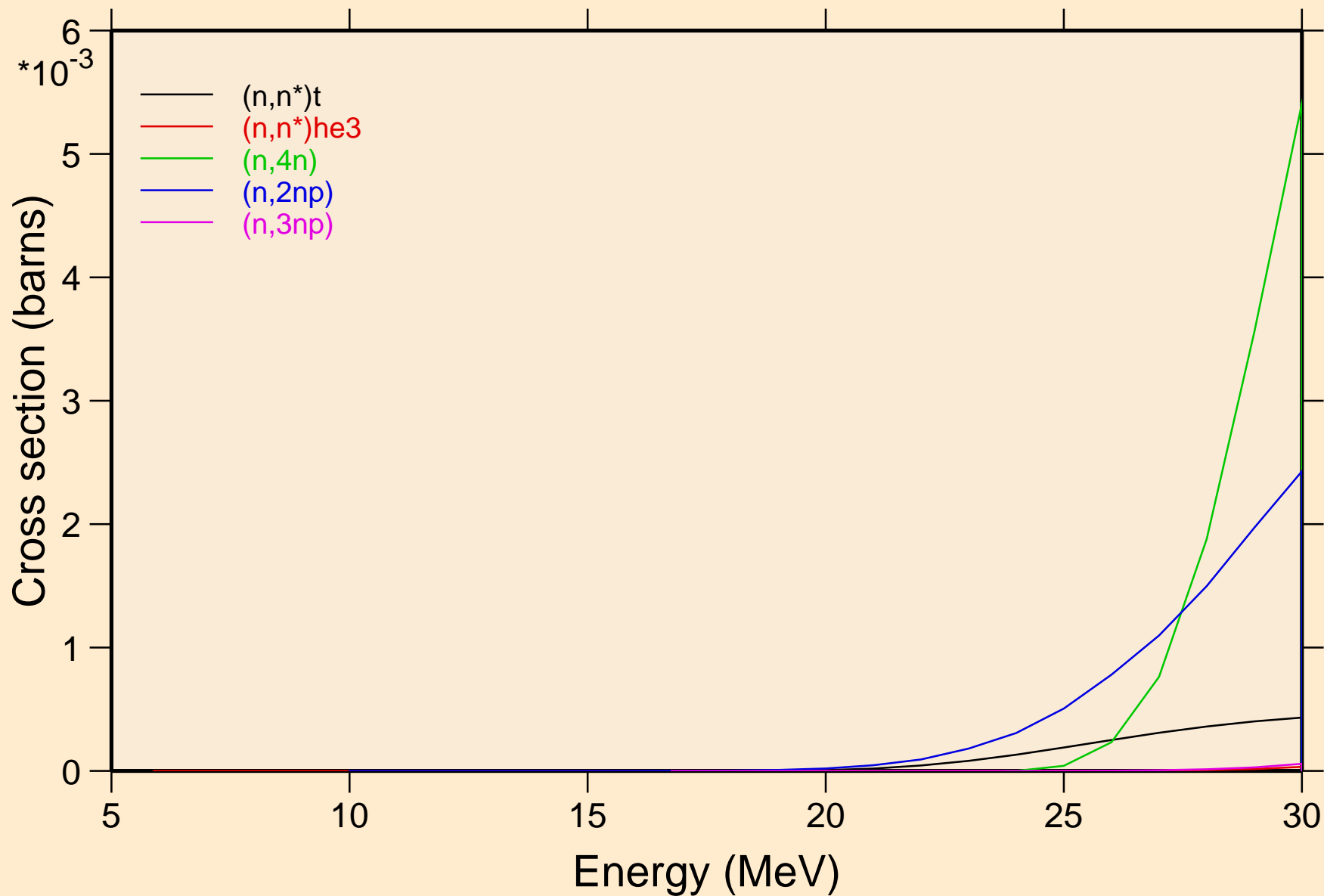
Threshold reactions



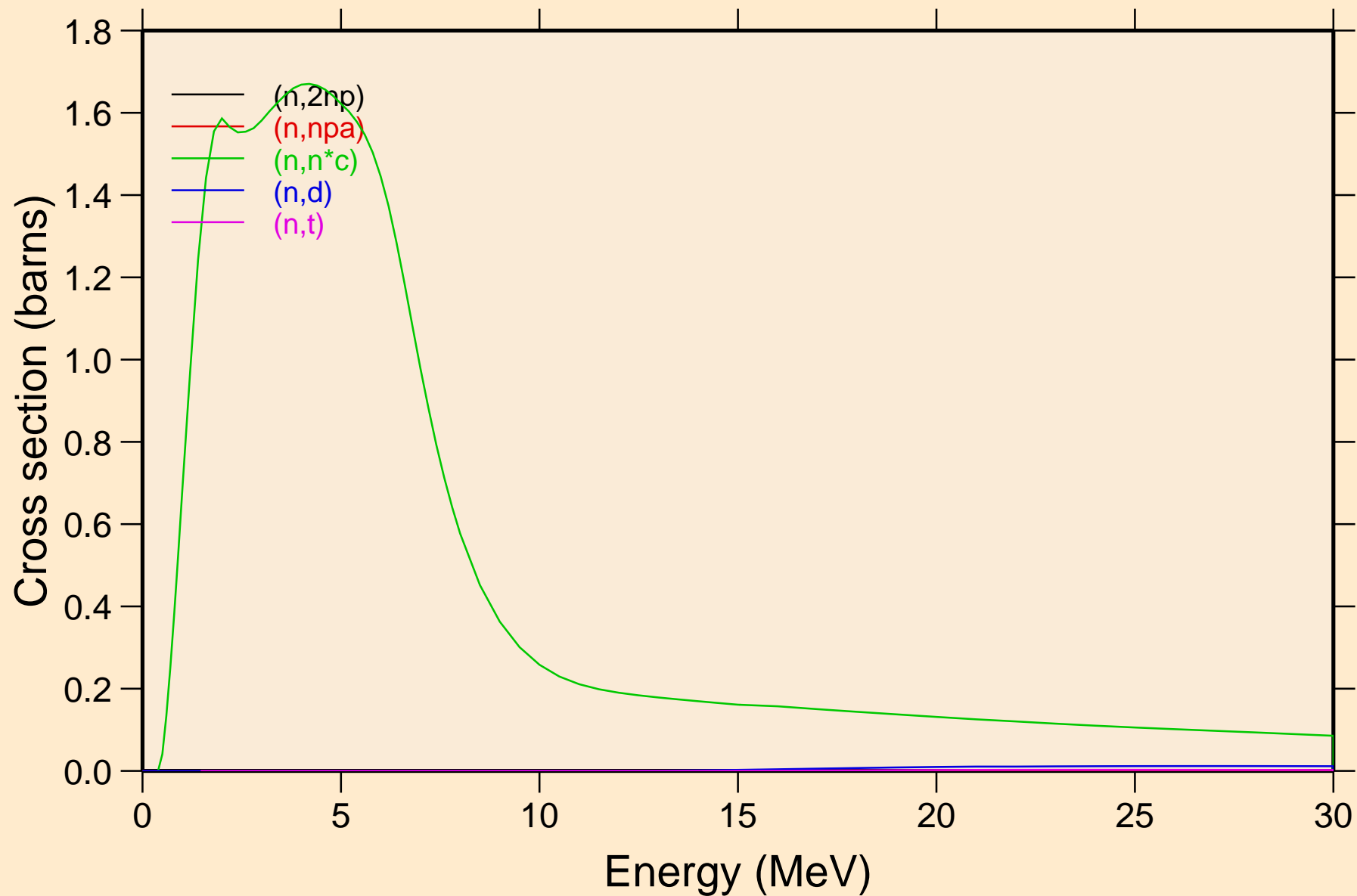
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

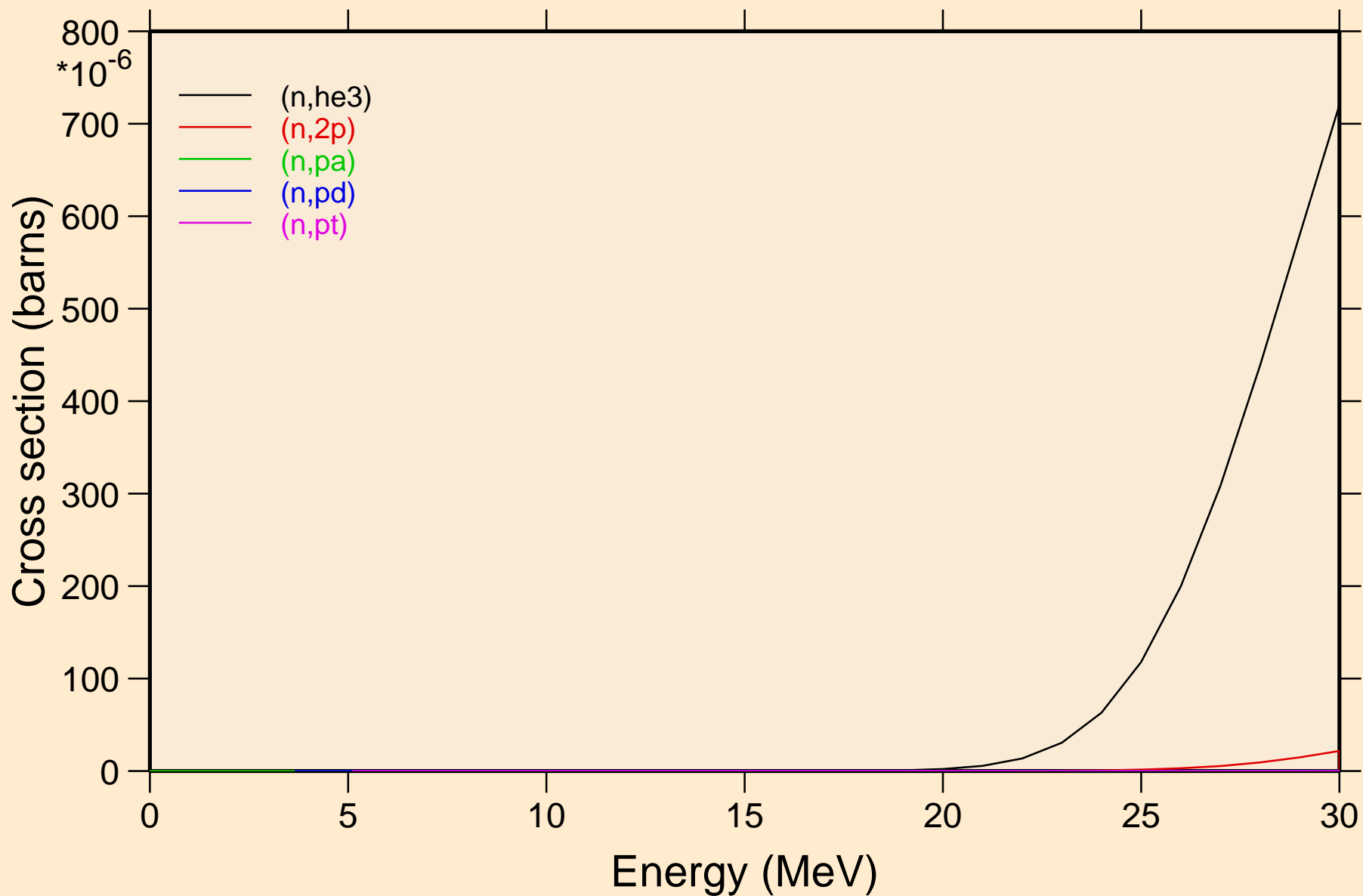


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

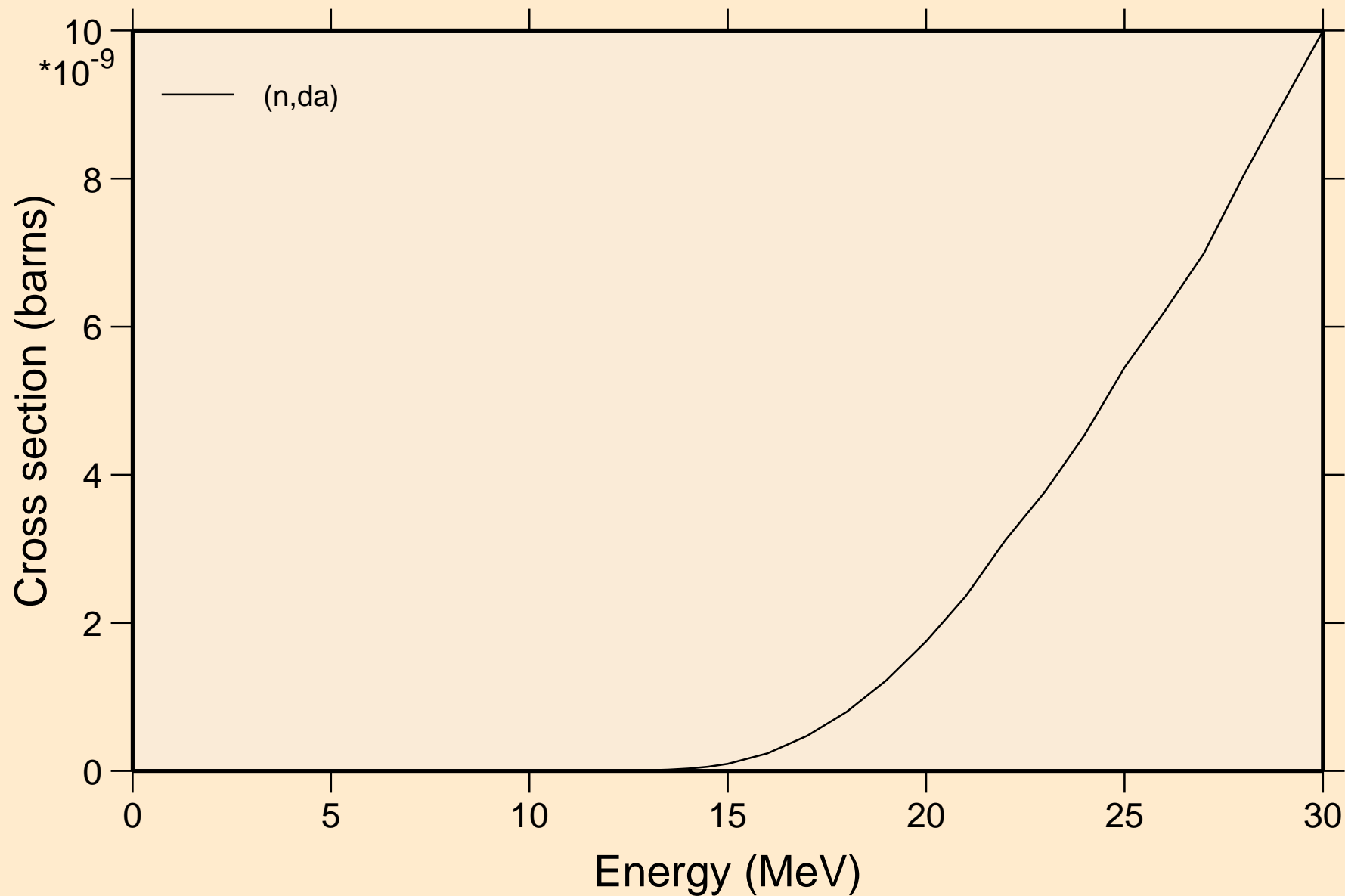


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

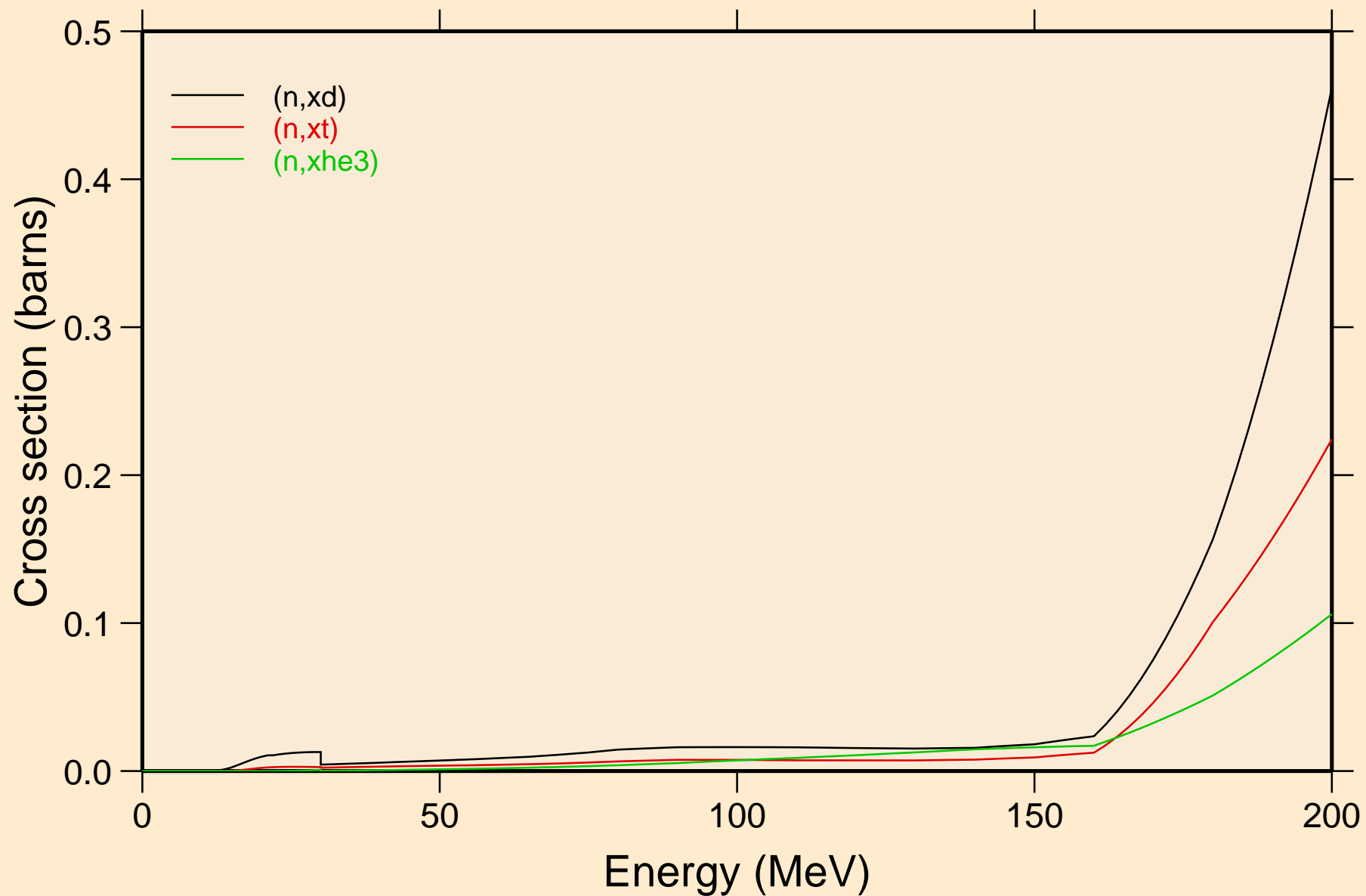
Threshold reactions



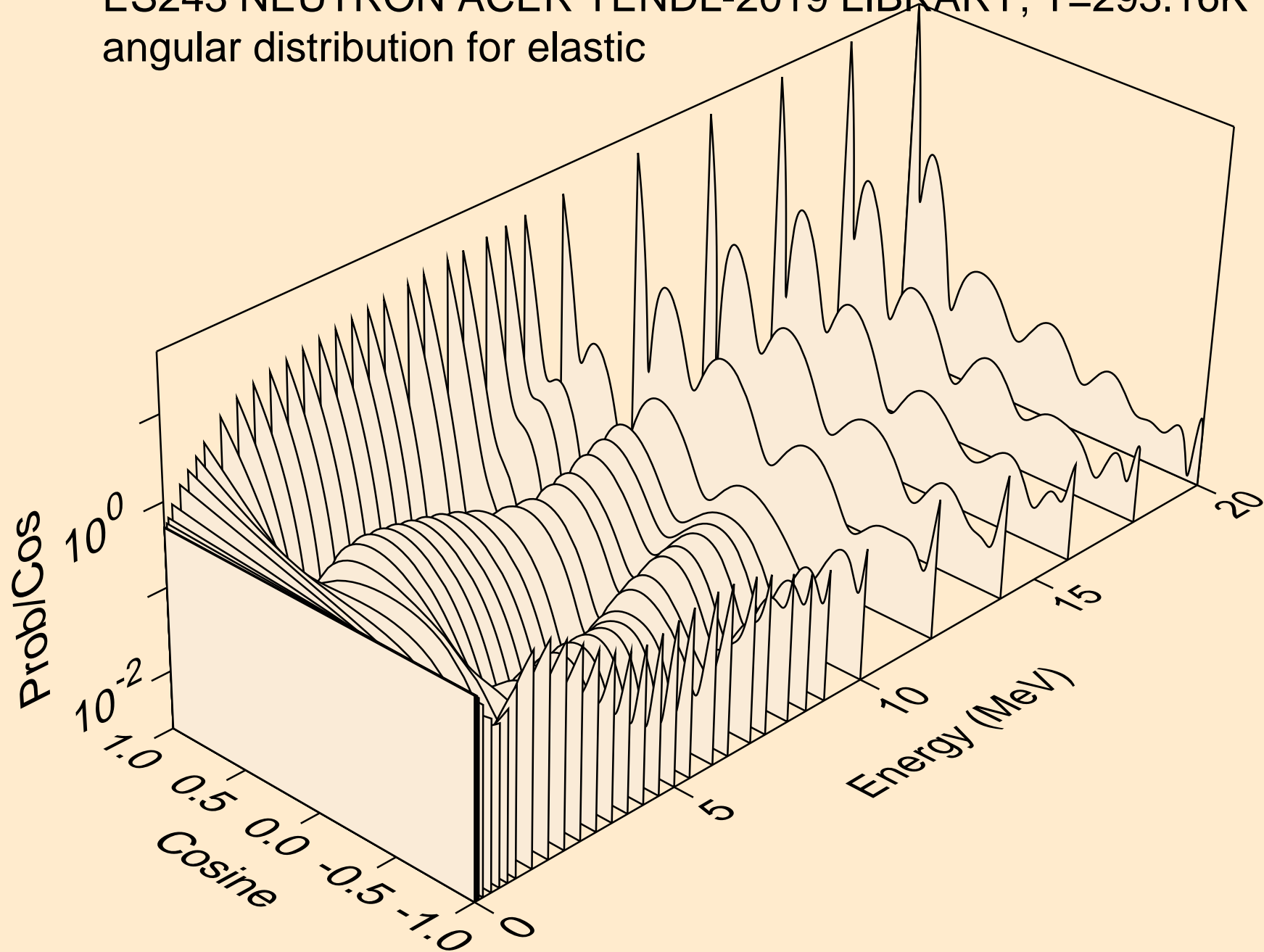
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



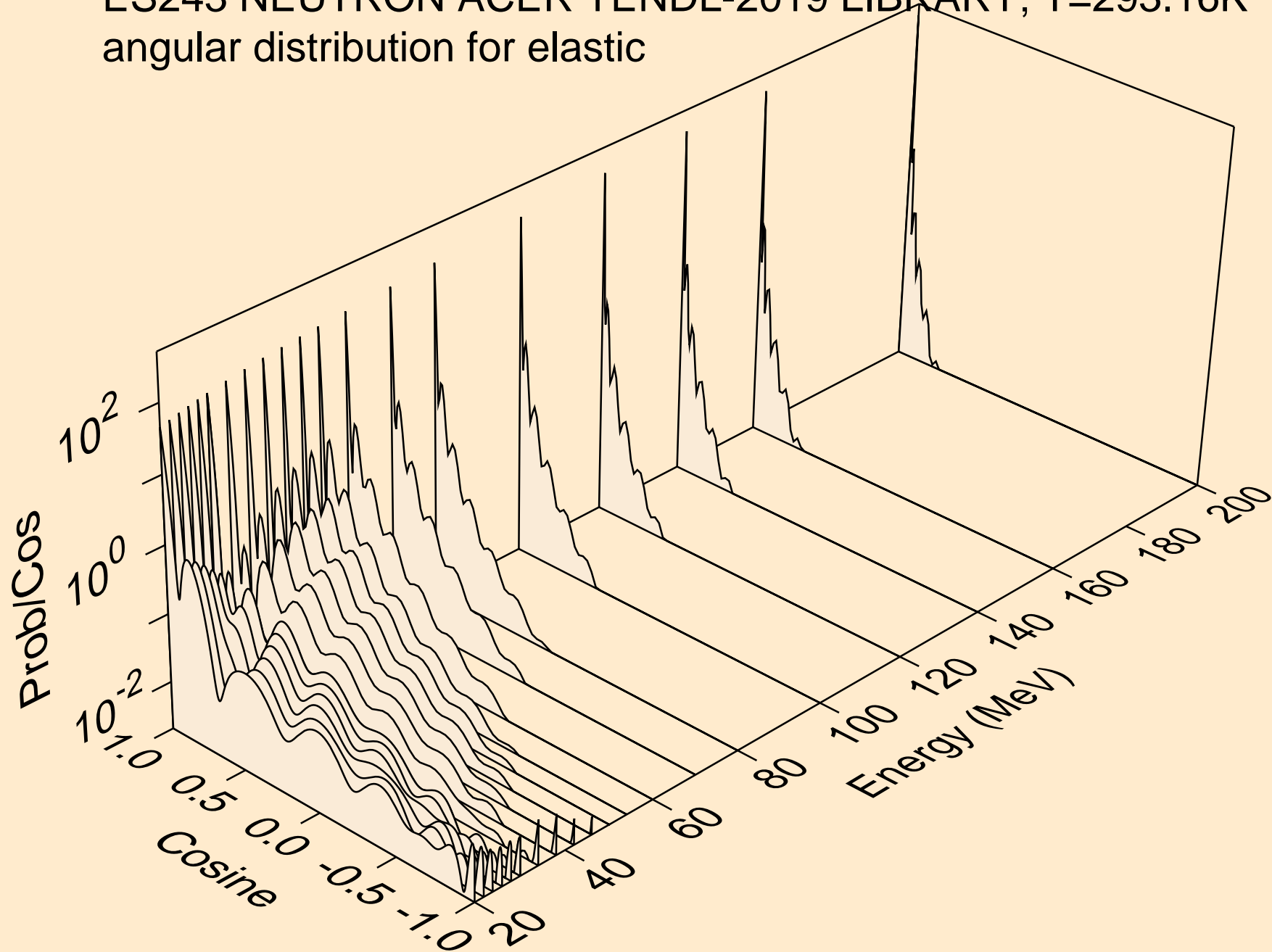
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



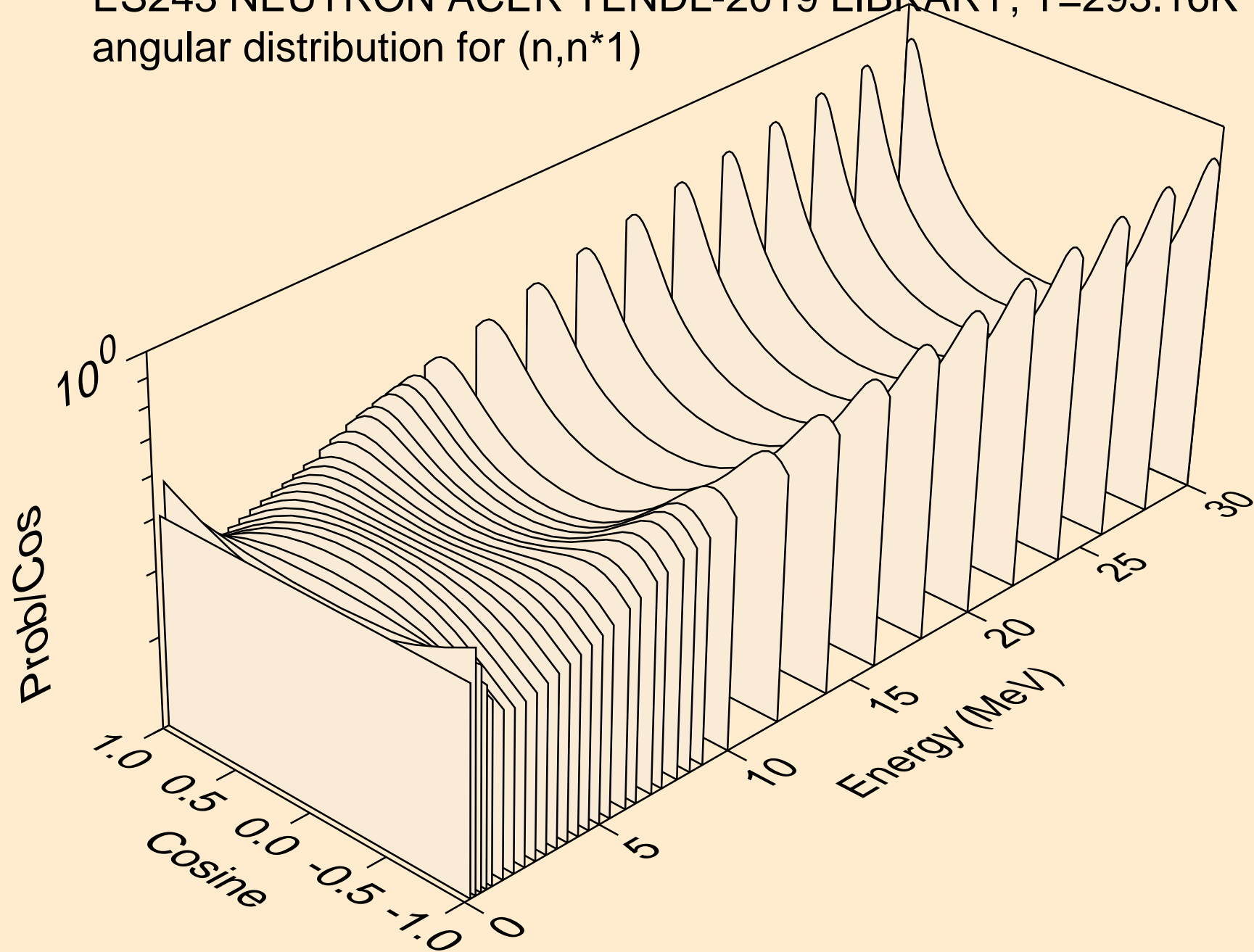
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



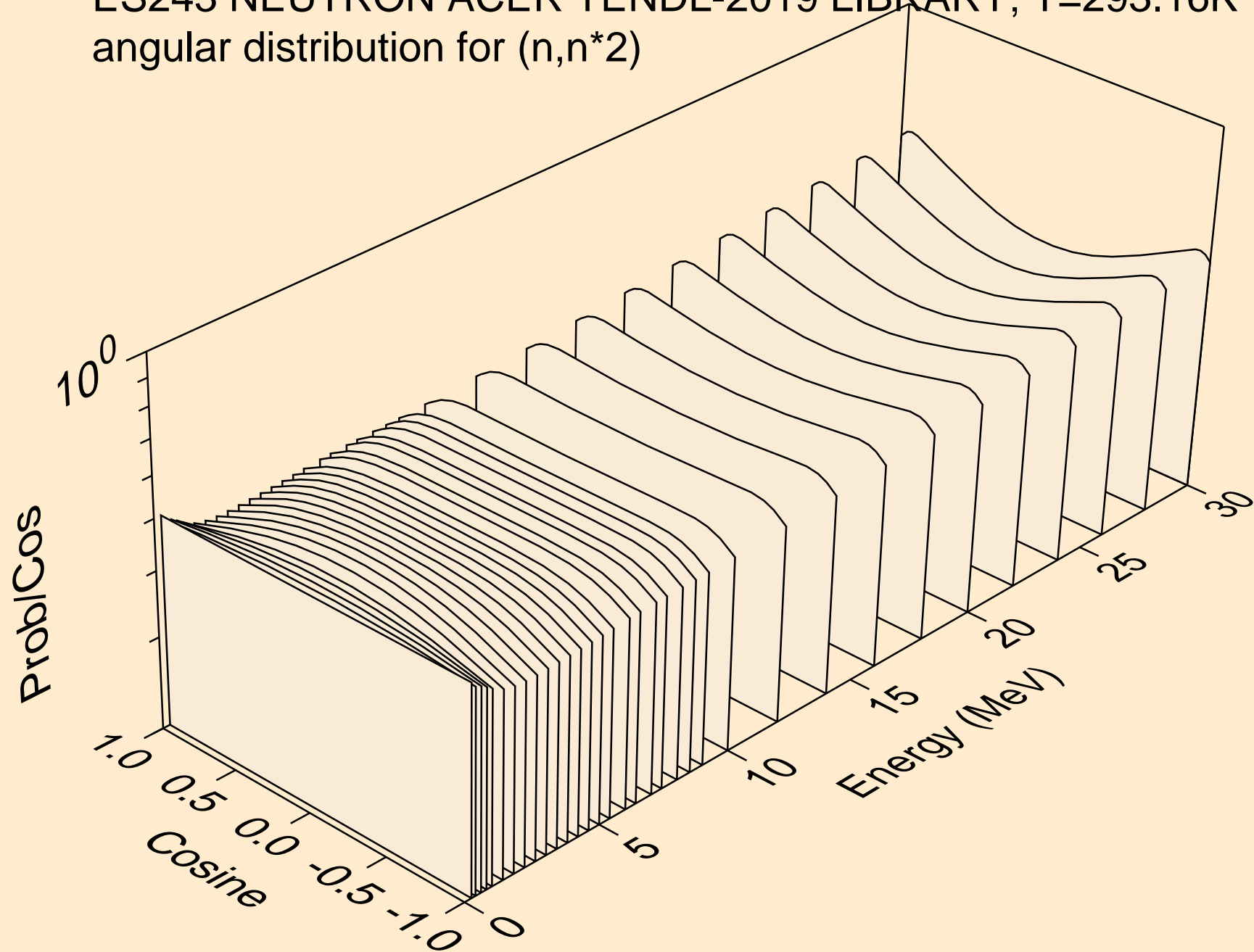
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



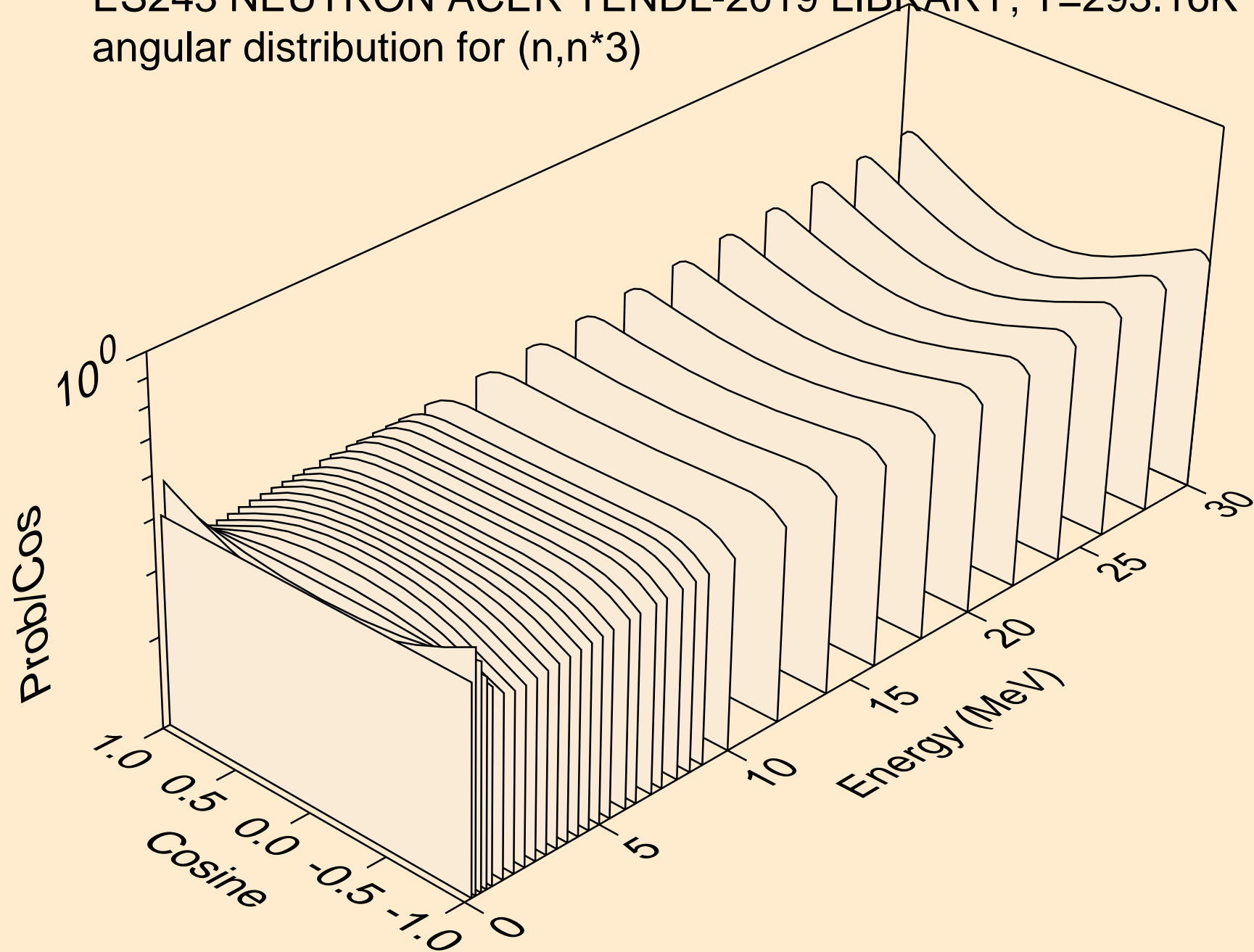
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



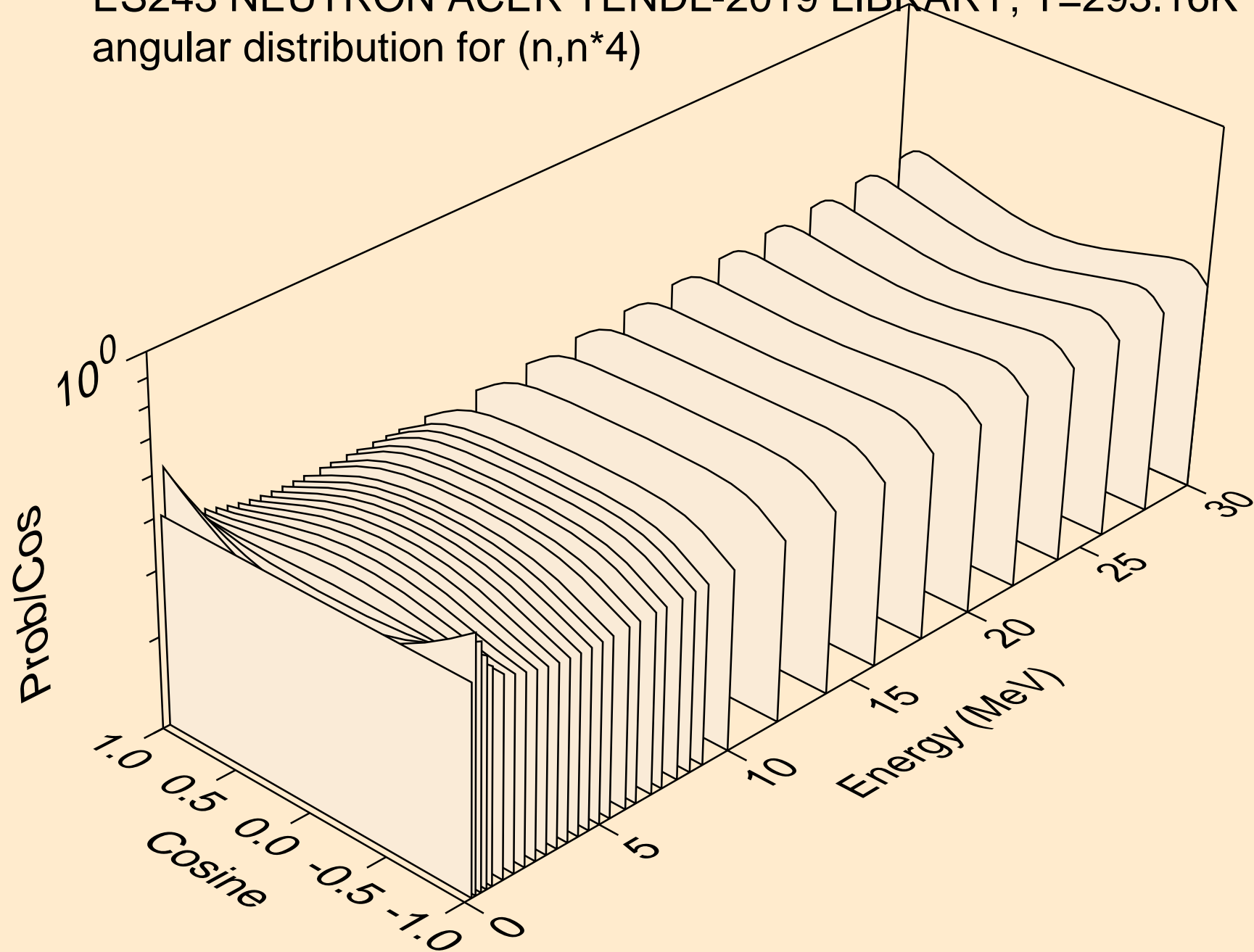
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



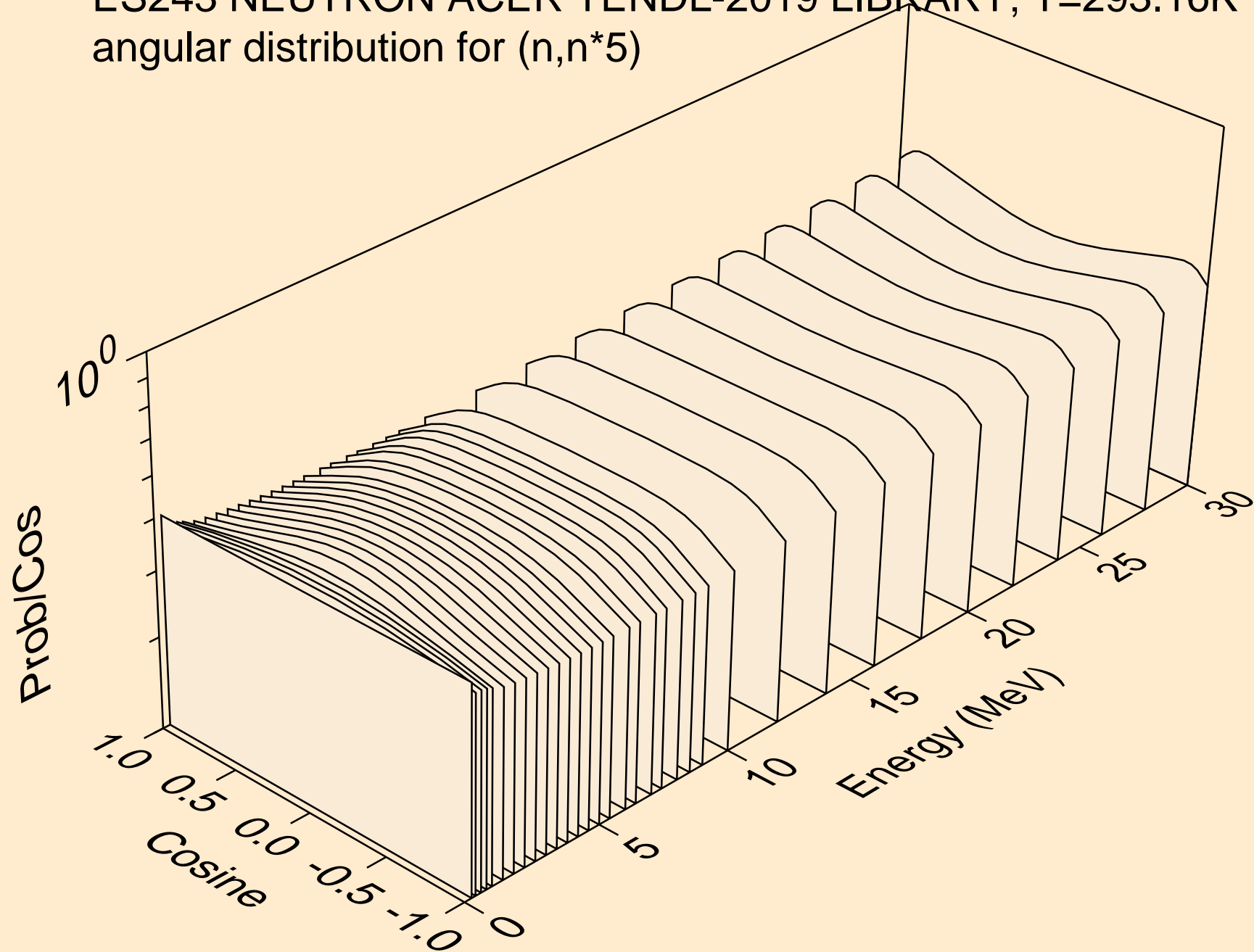
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



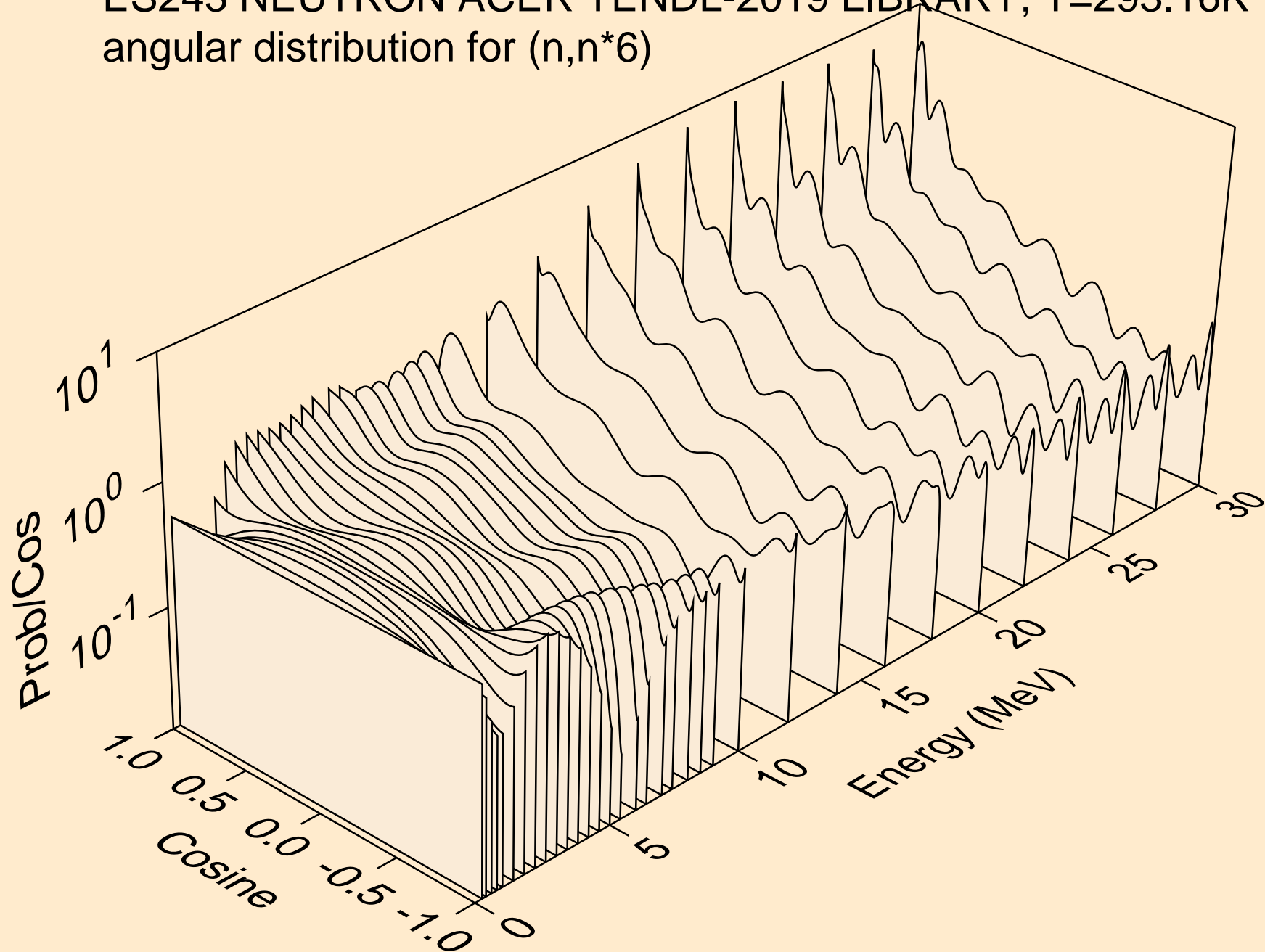
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



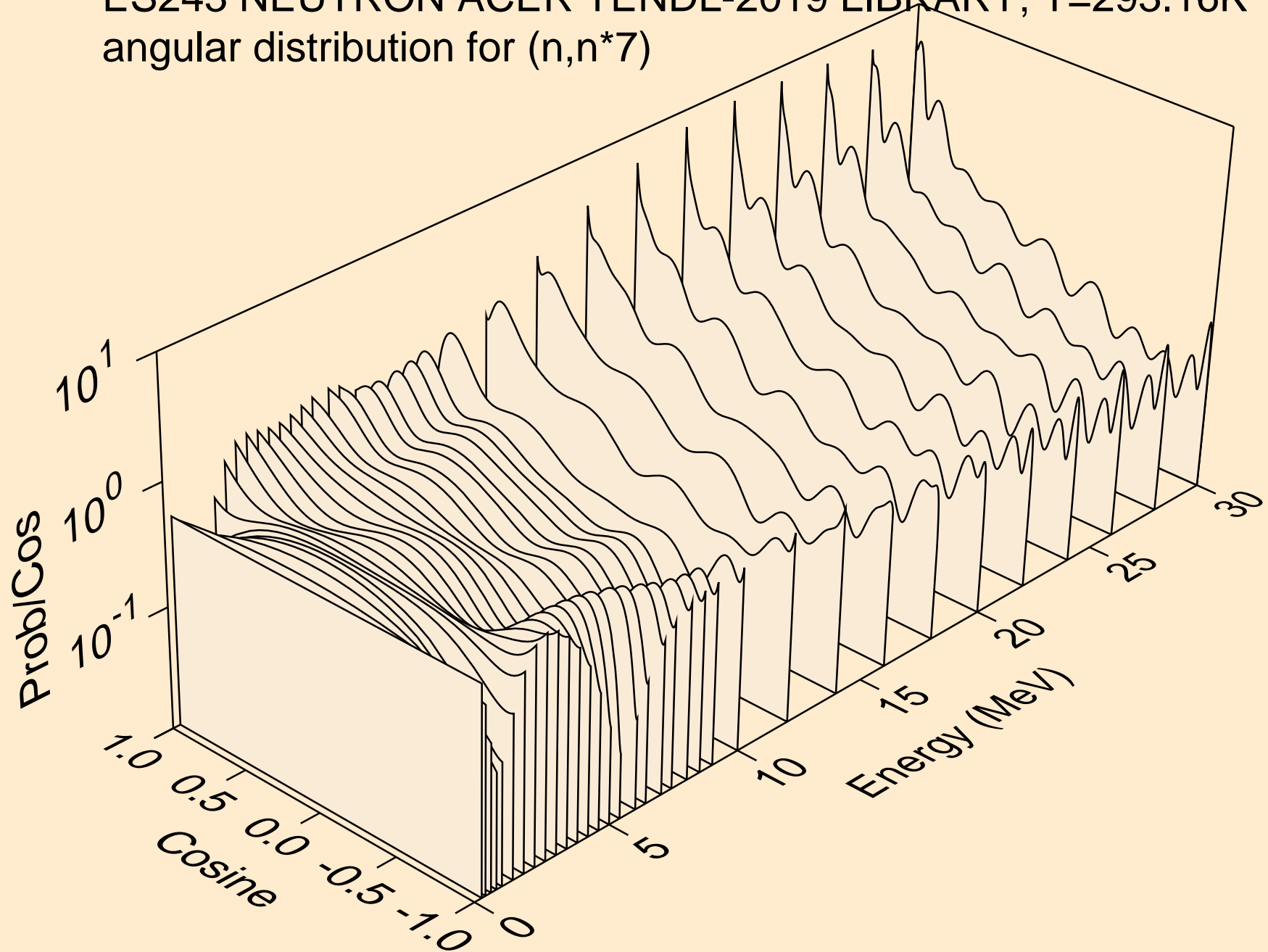
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



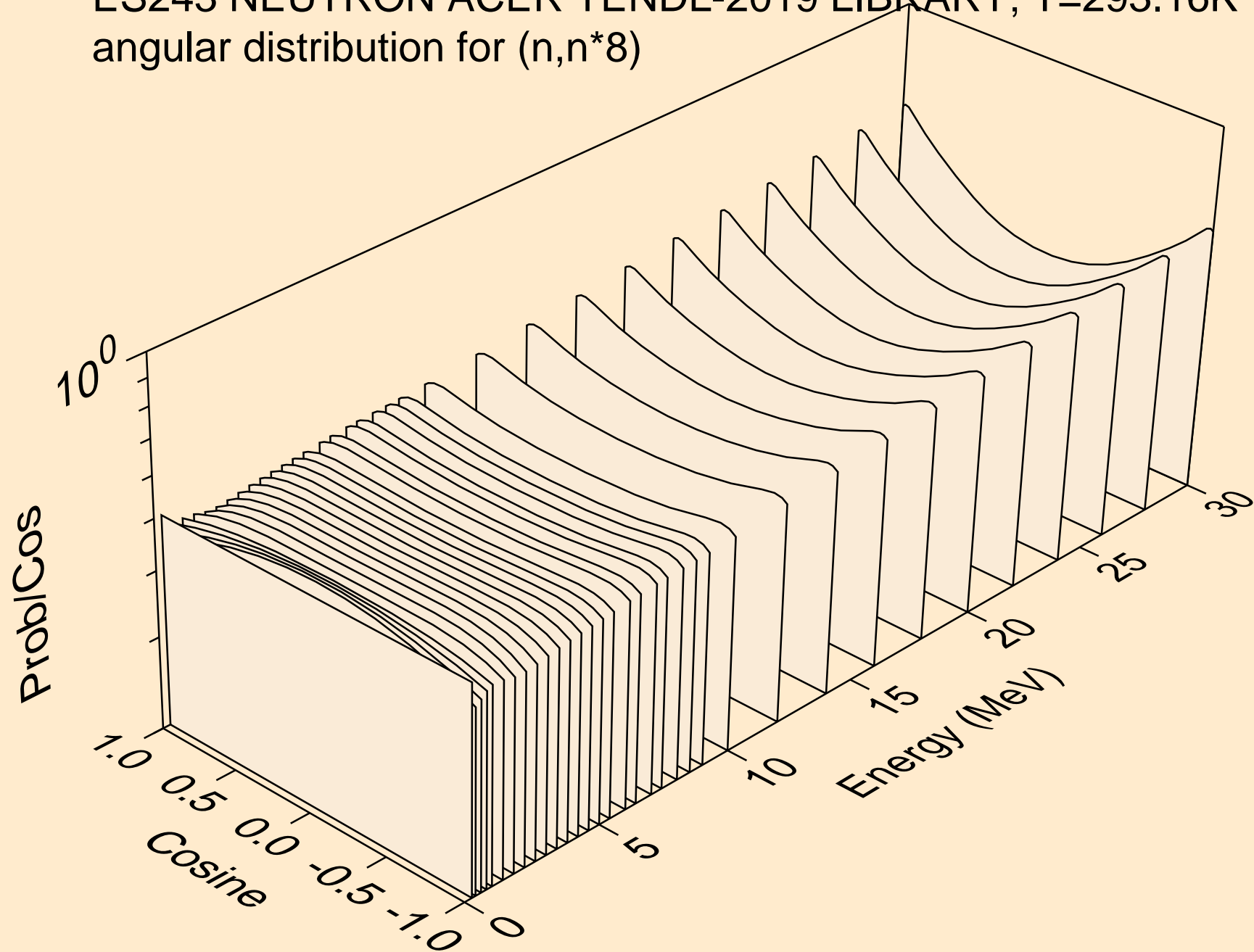
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



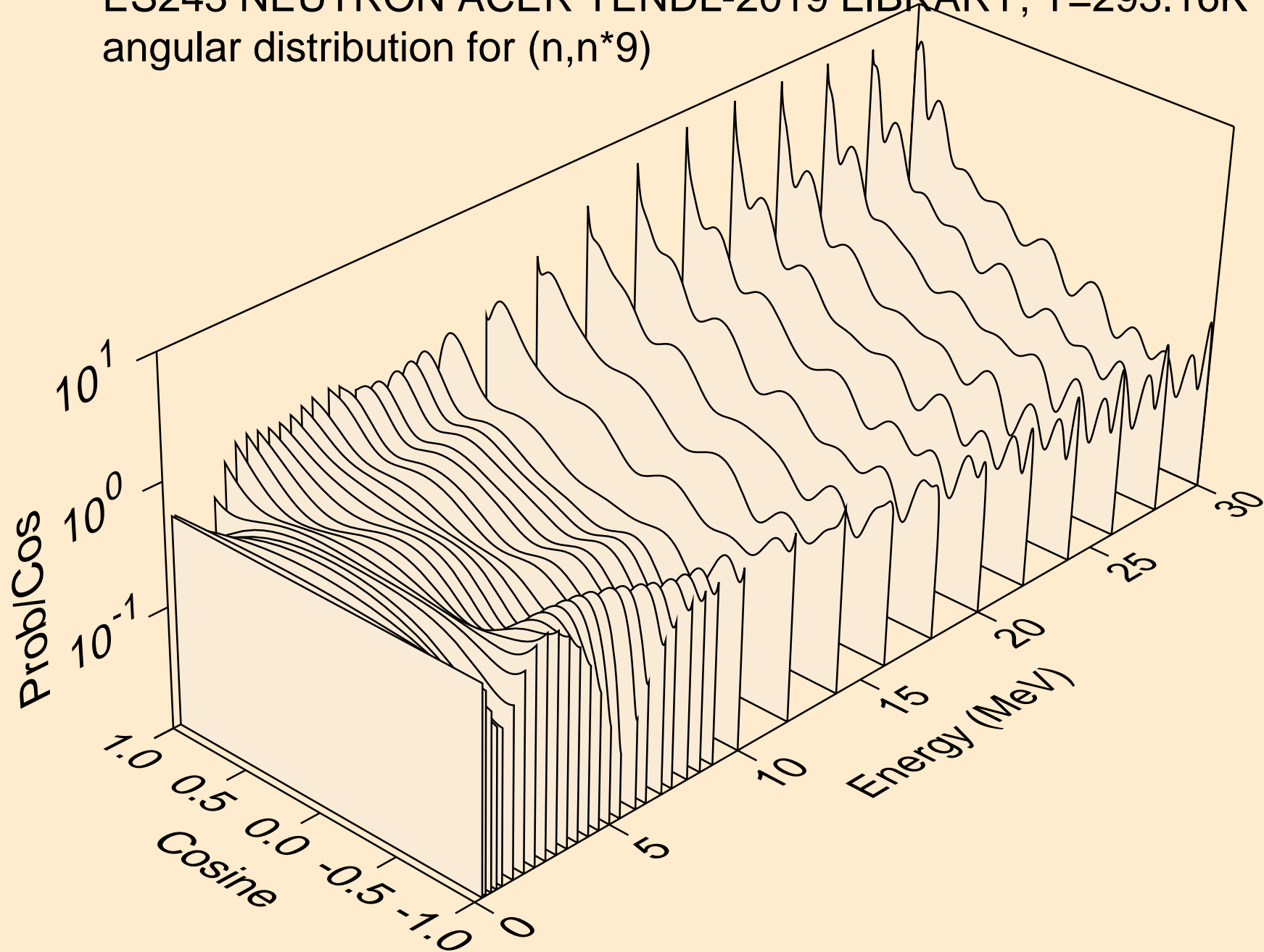
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



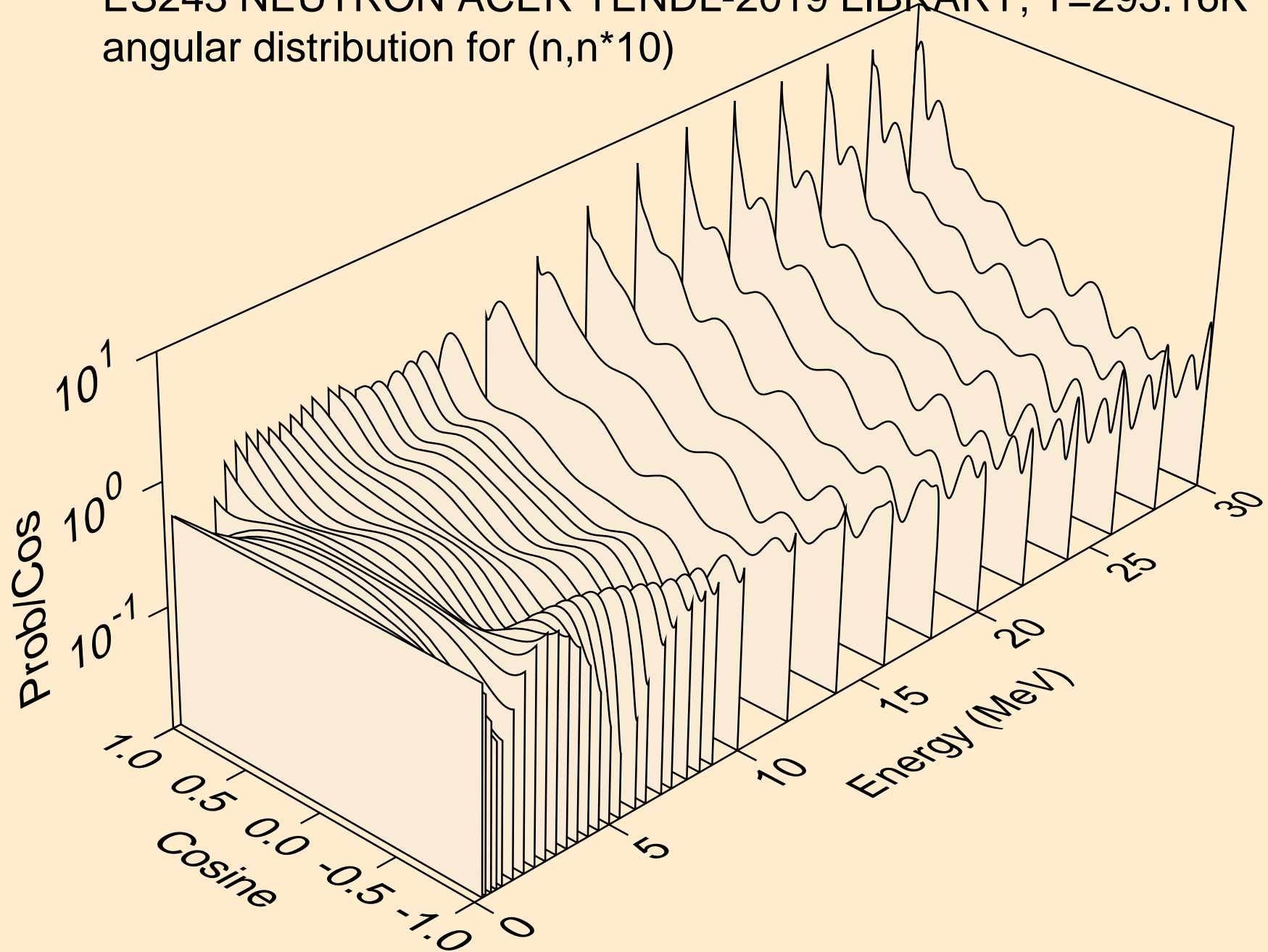
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



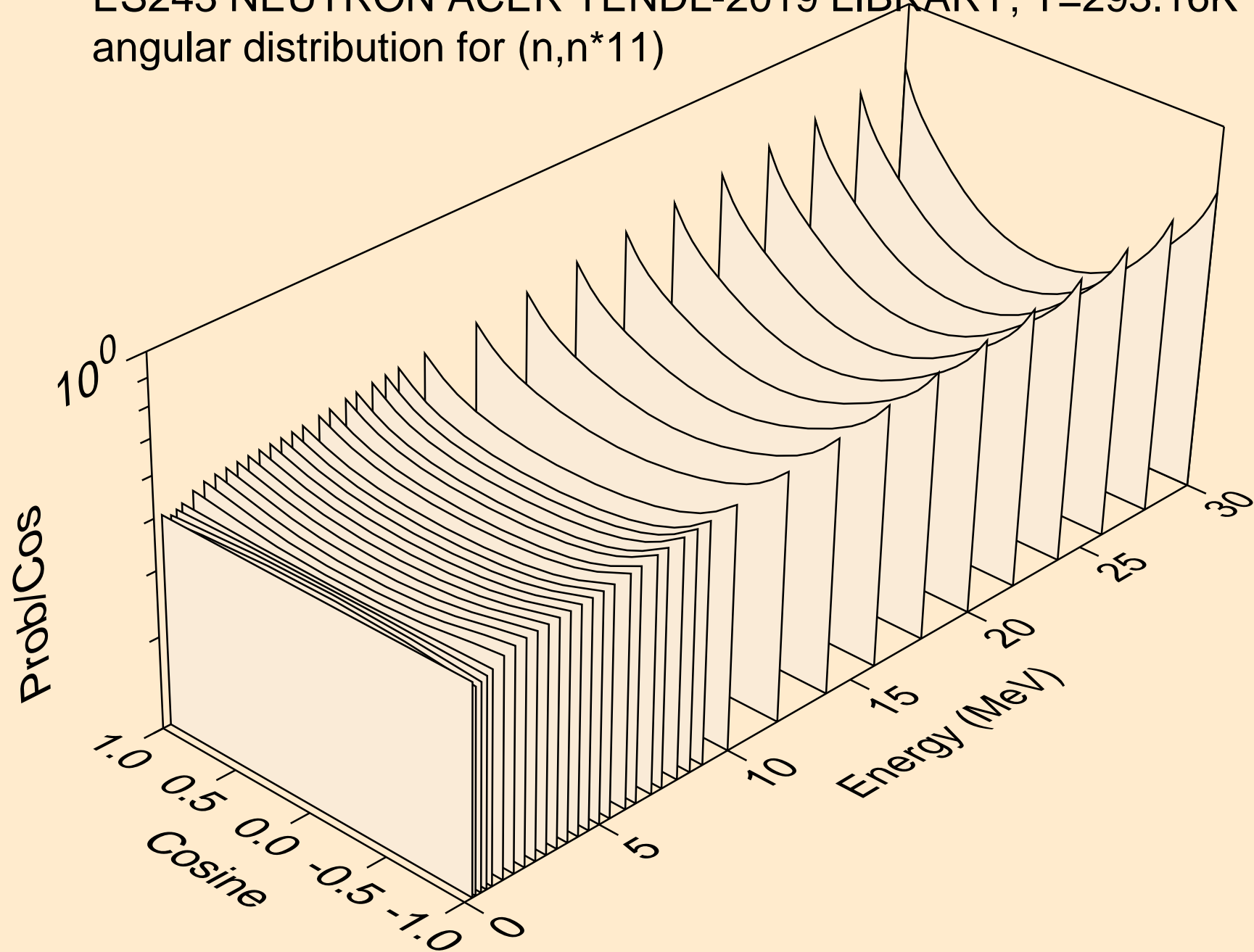
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



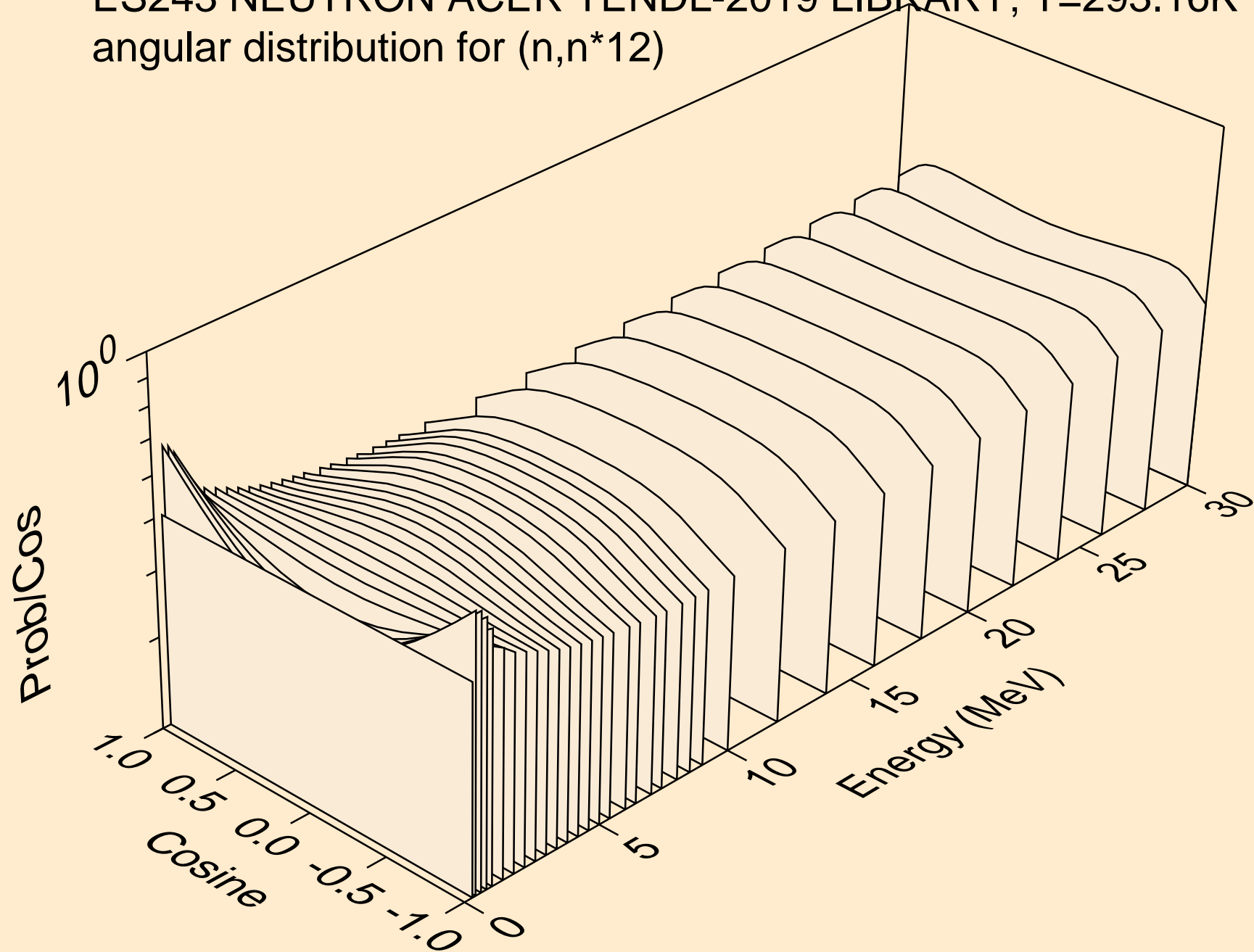
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



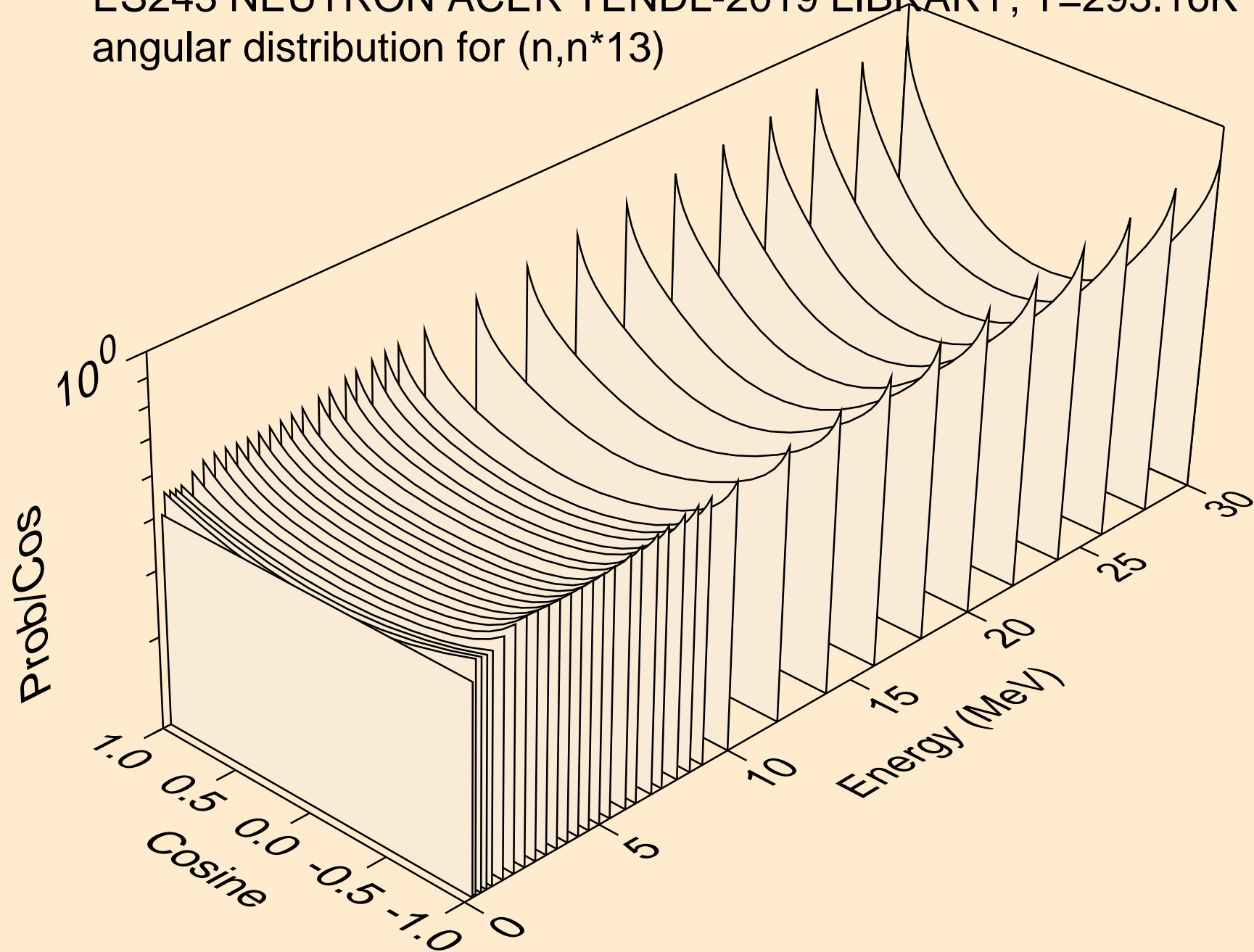
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



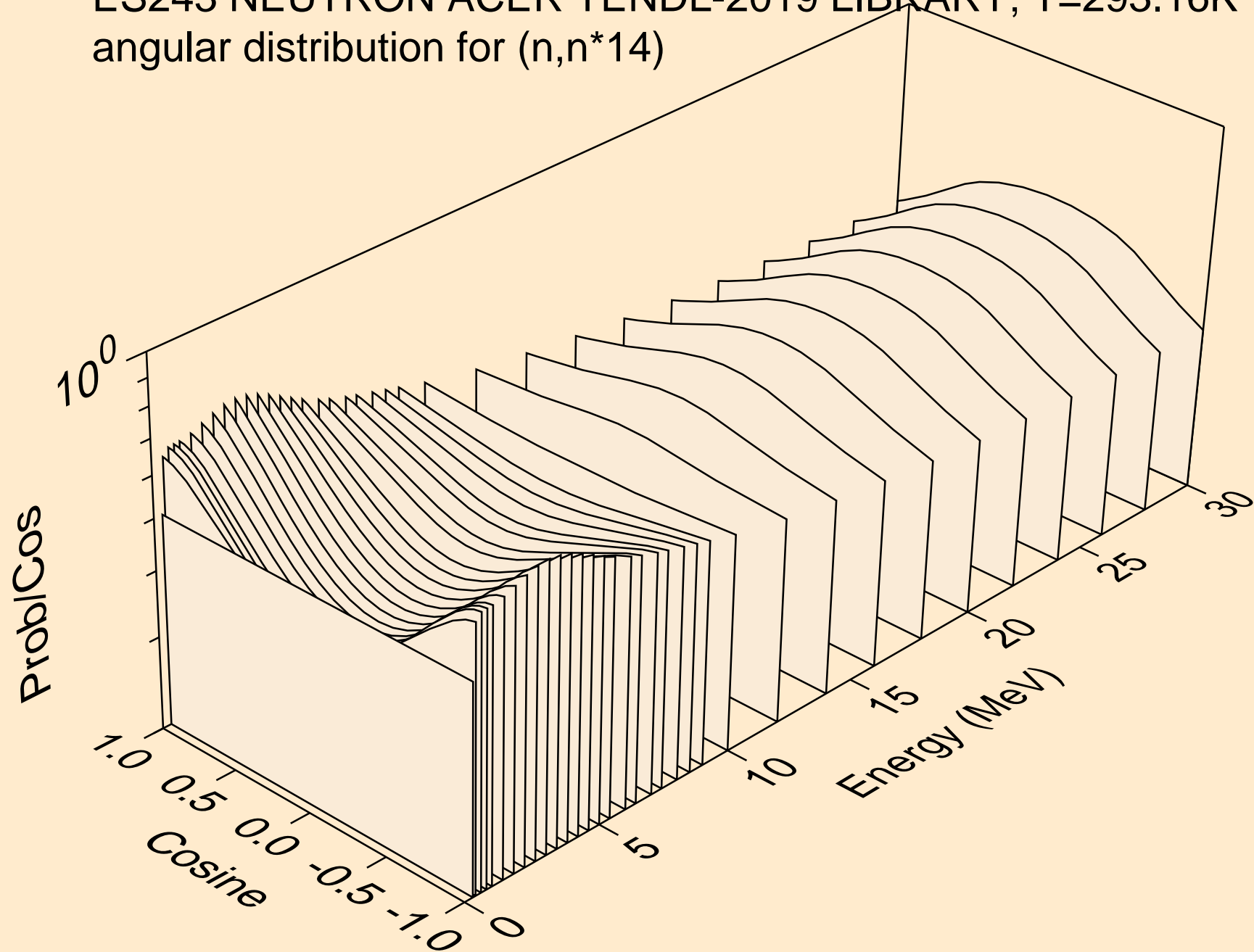
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



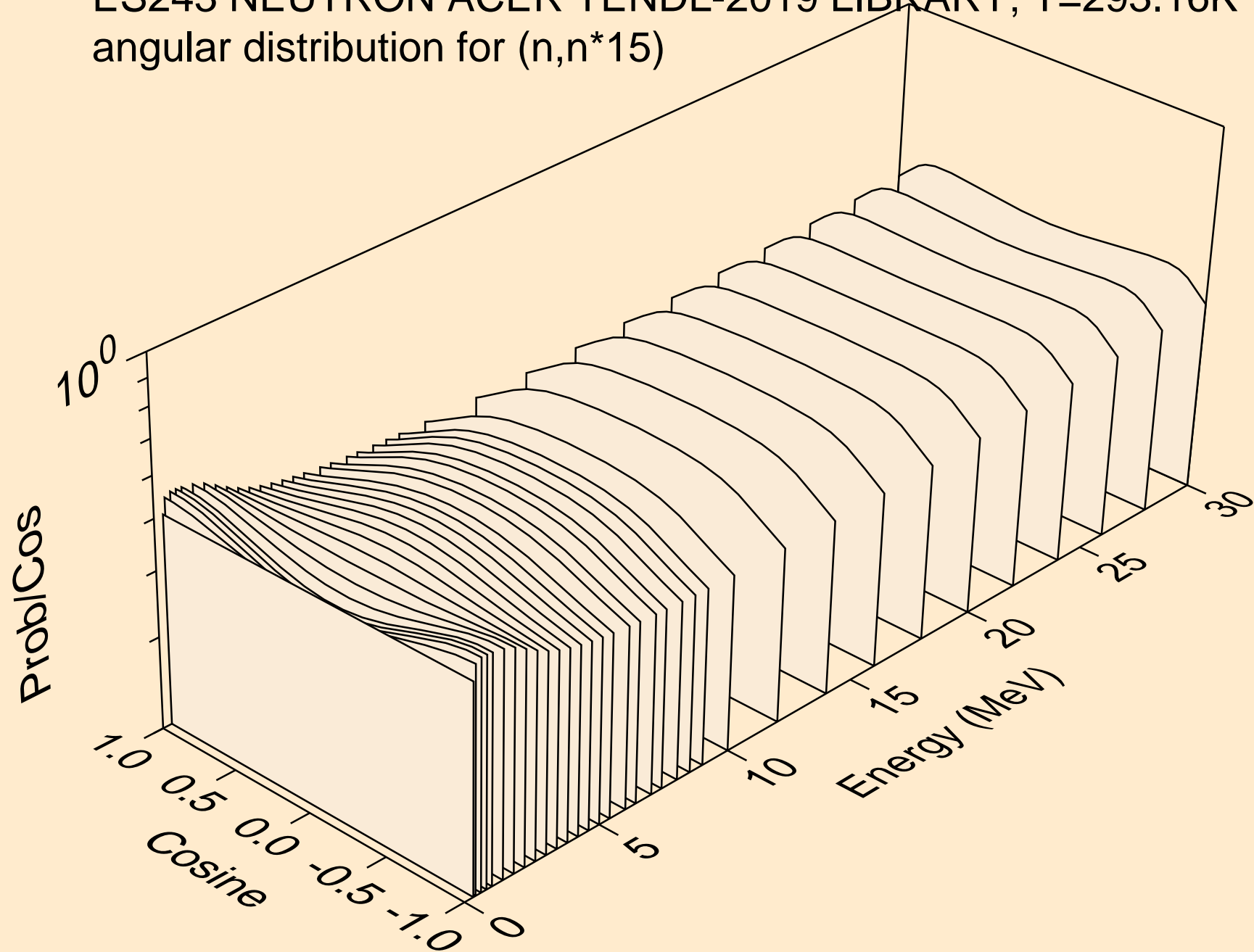
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



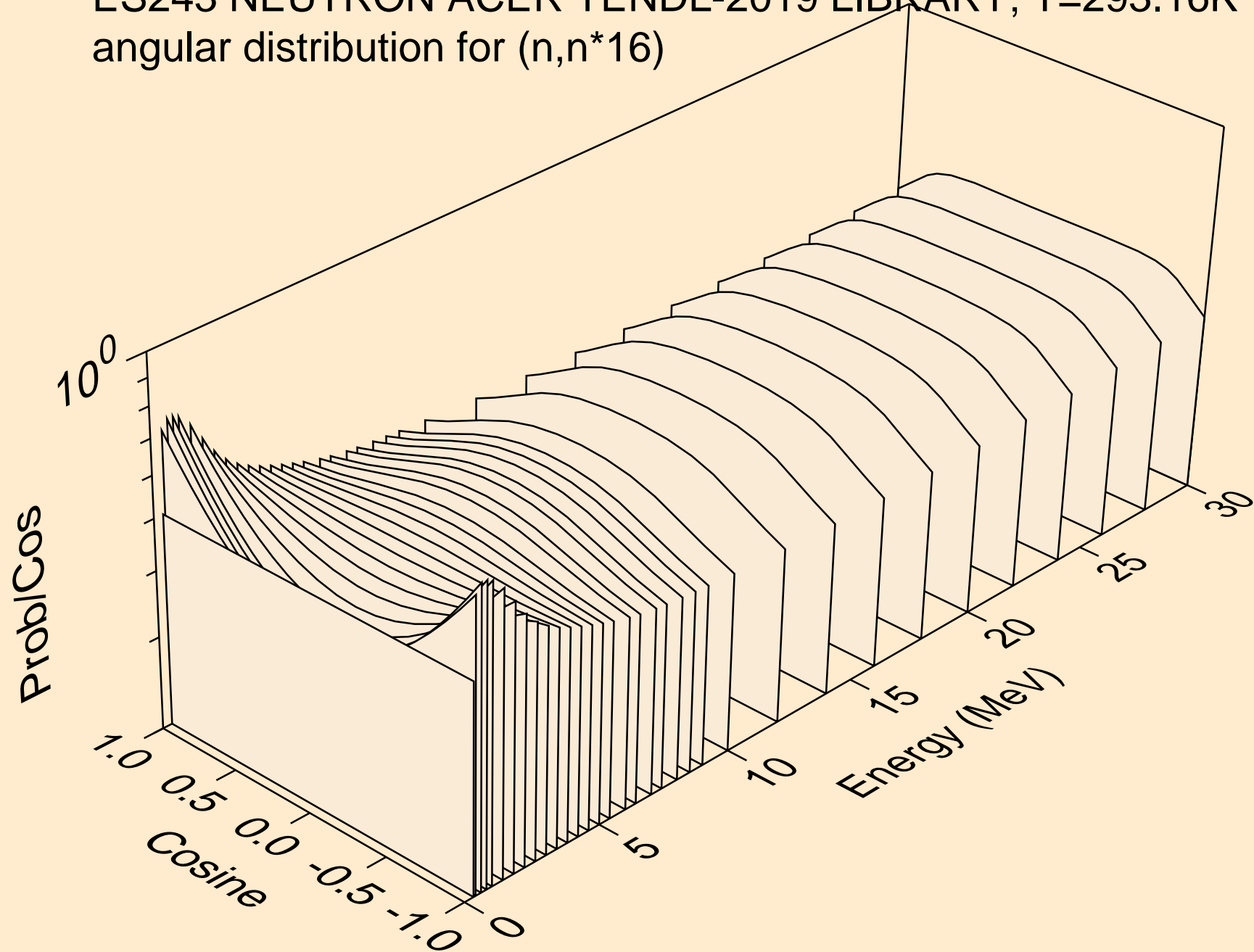
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



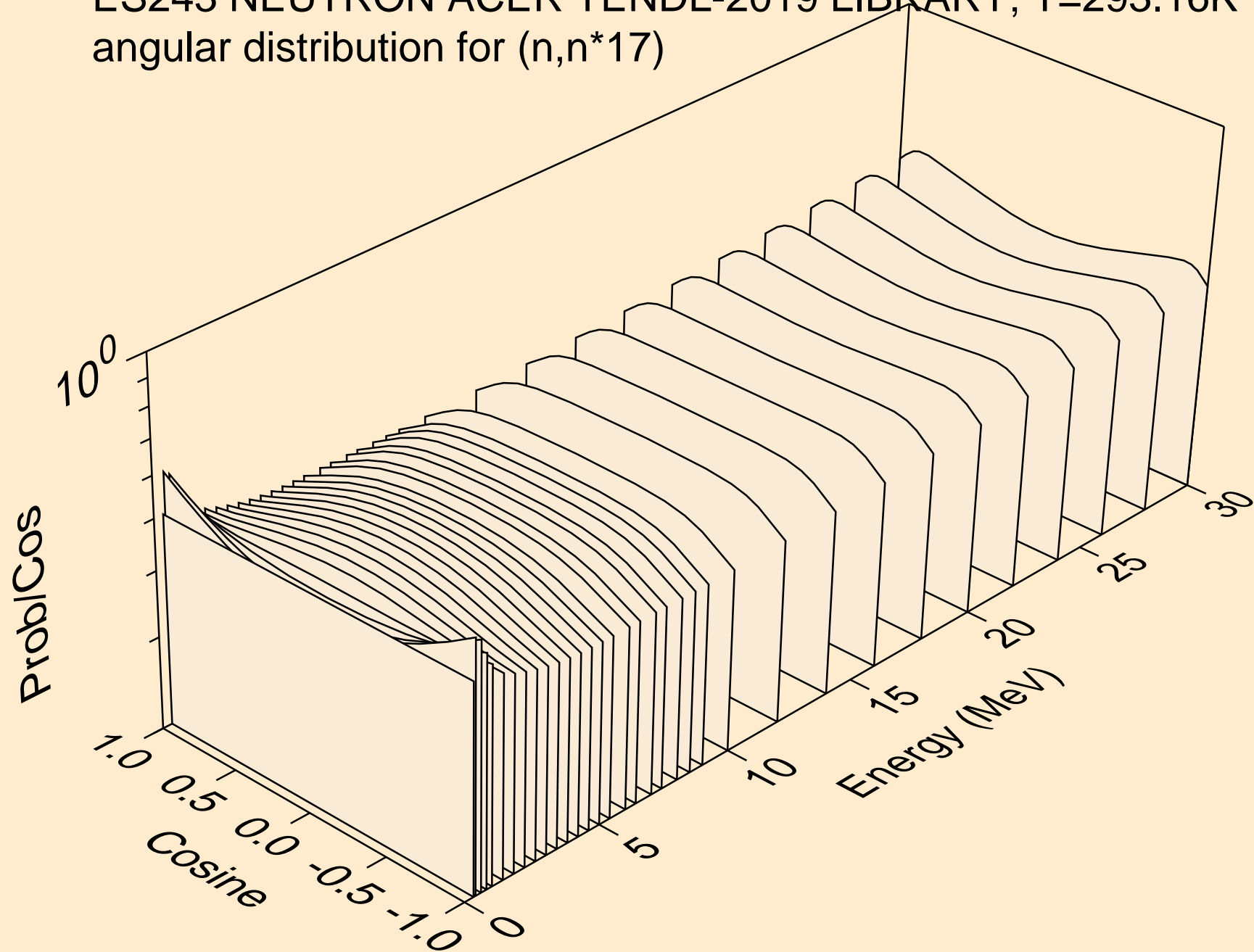
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



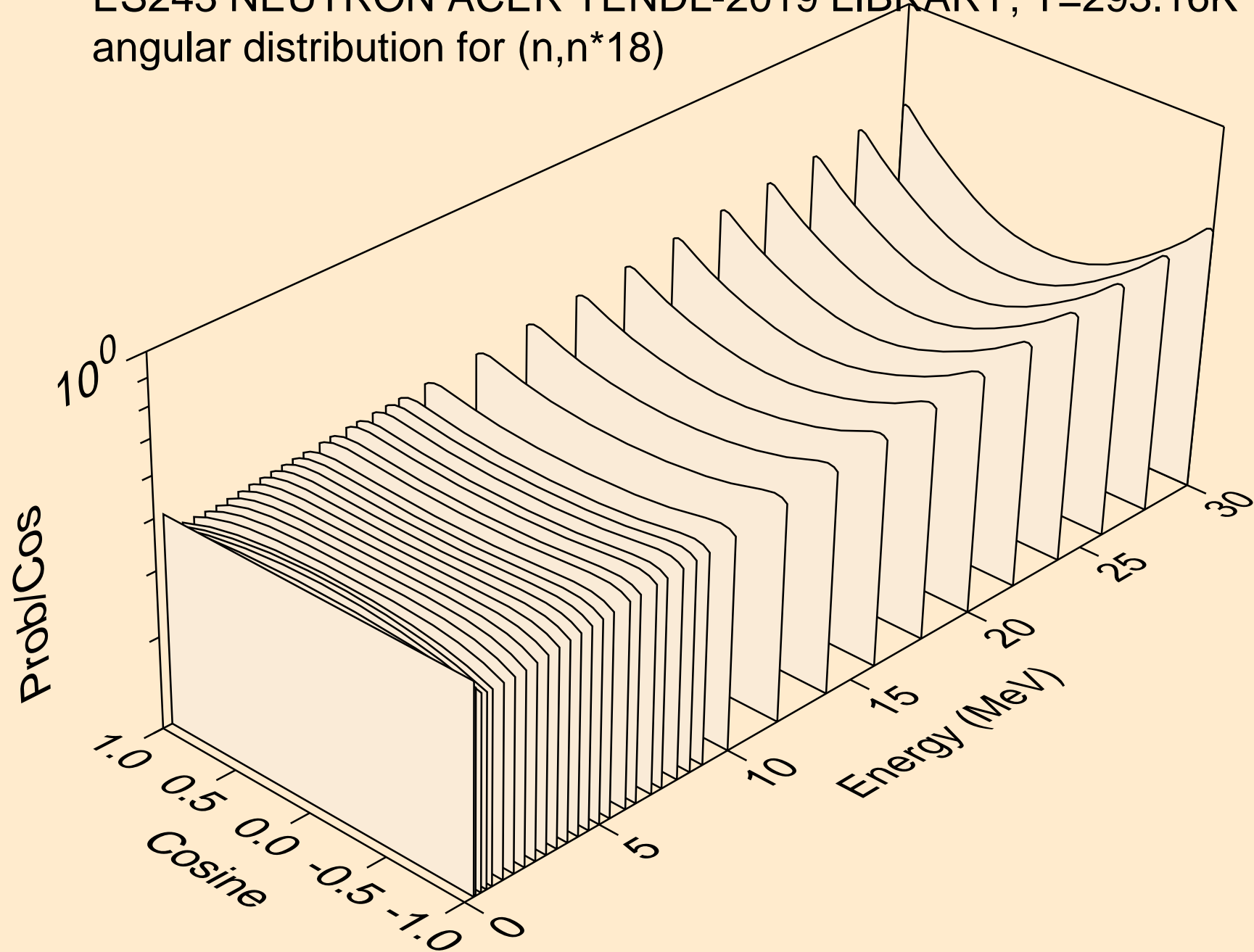
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



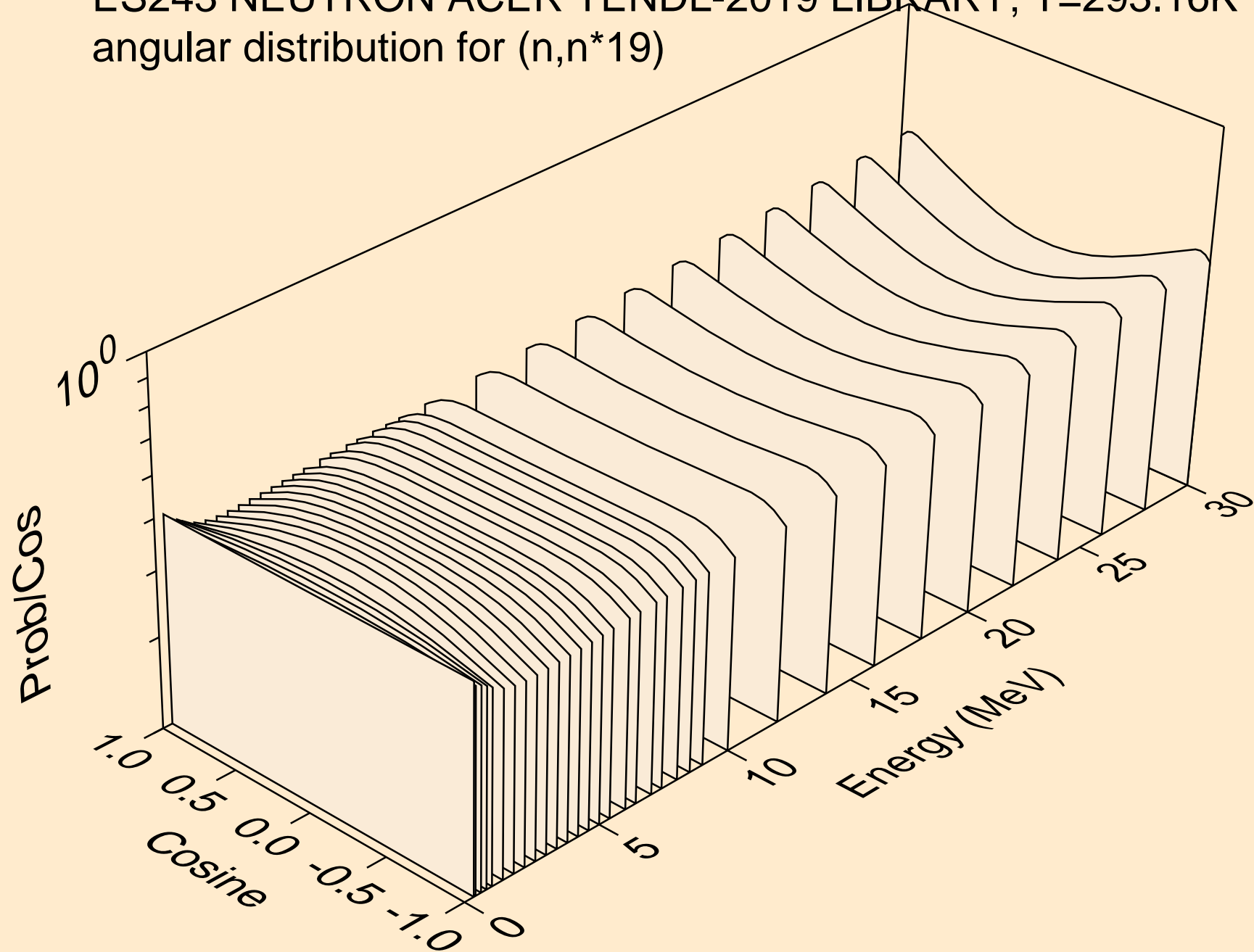
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



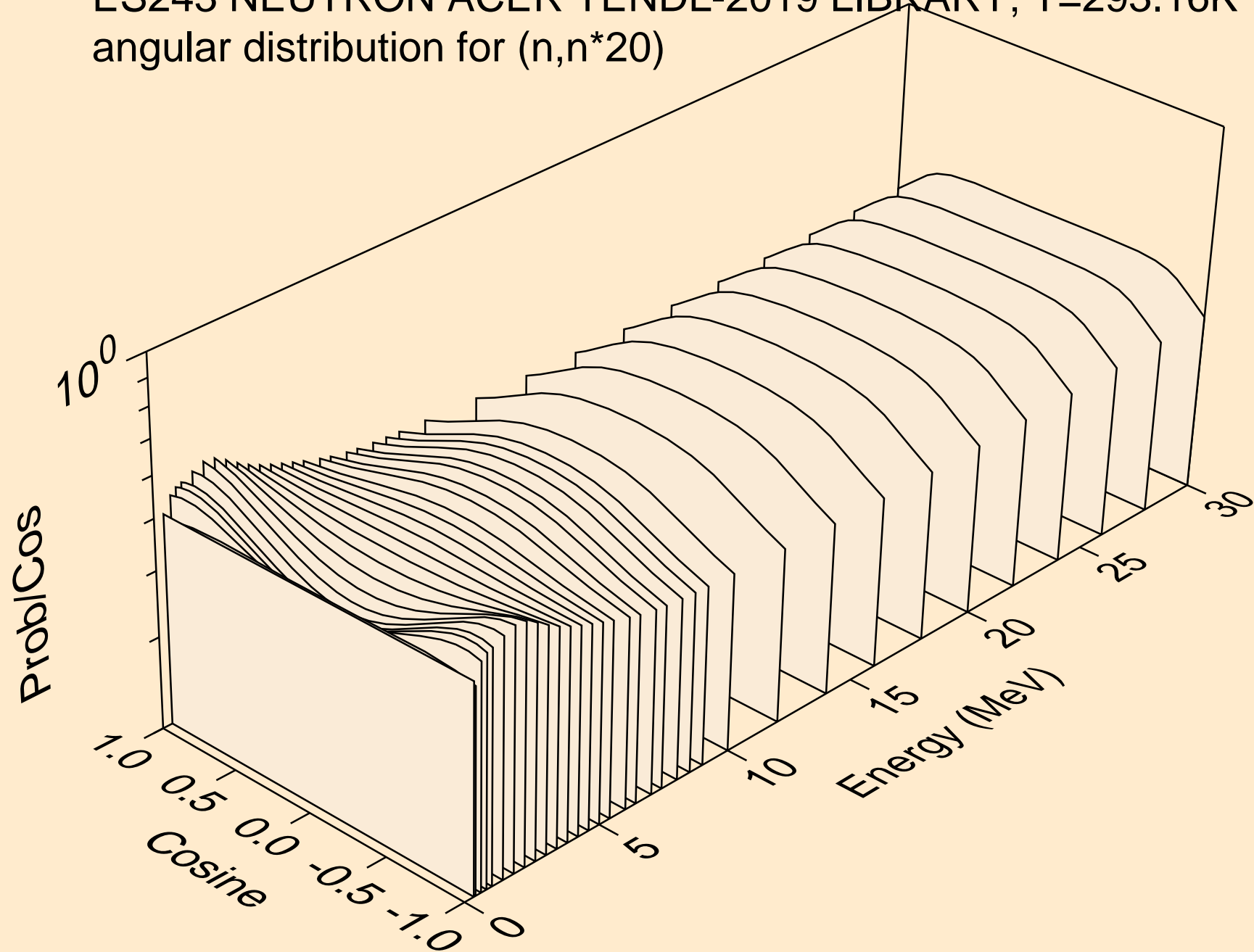
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



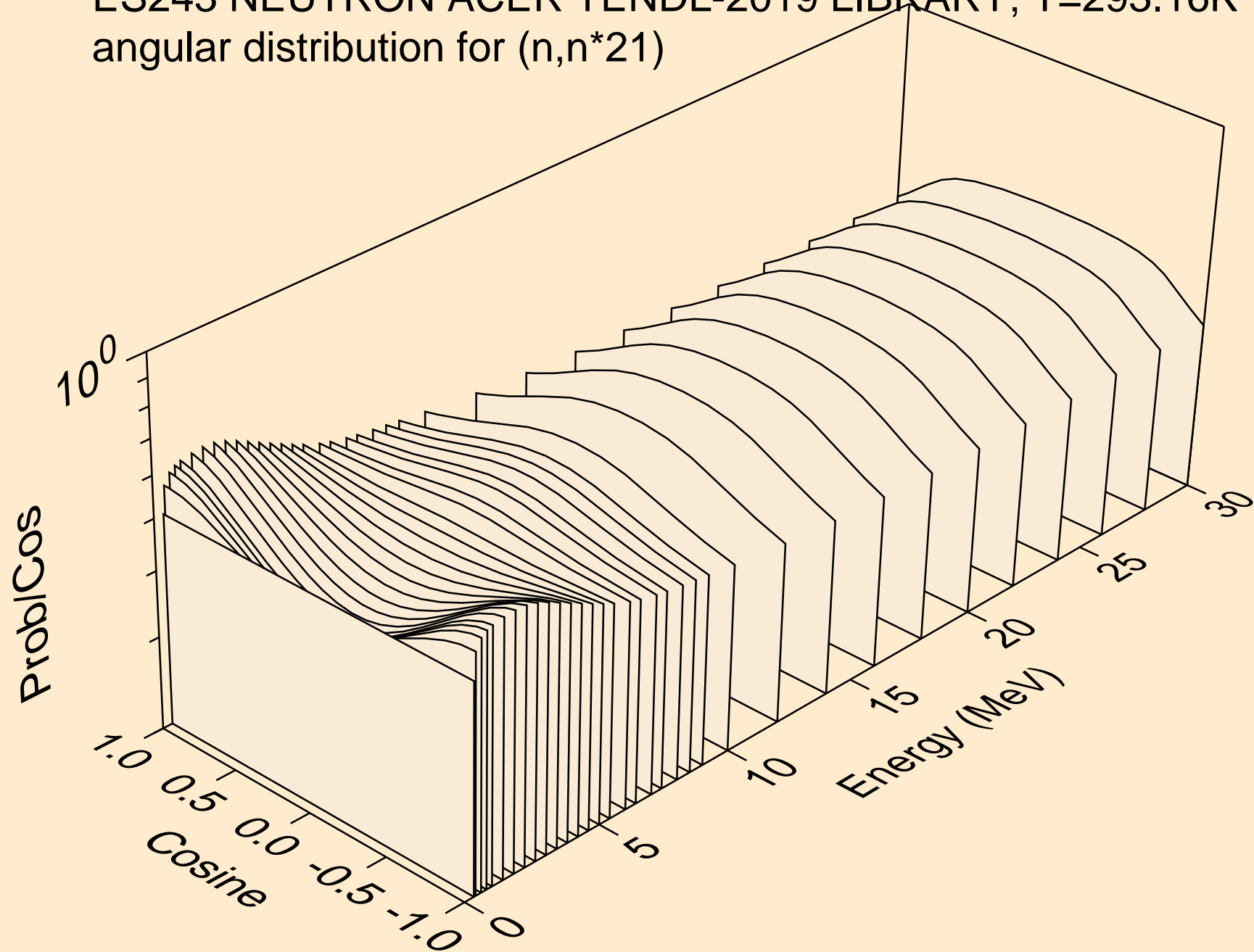
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



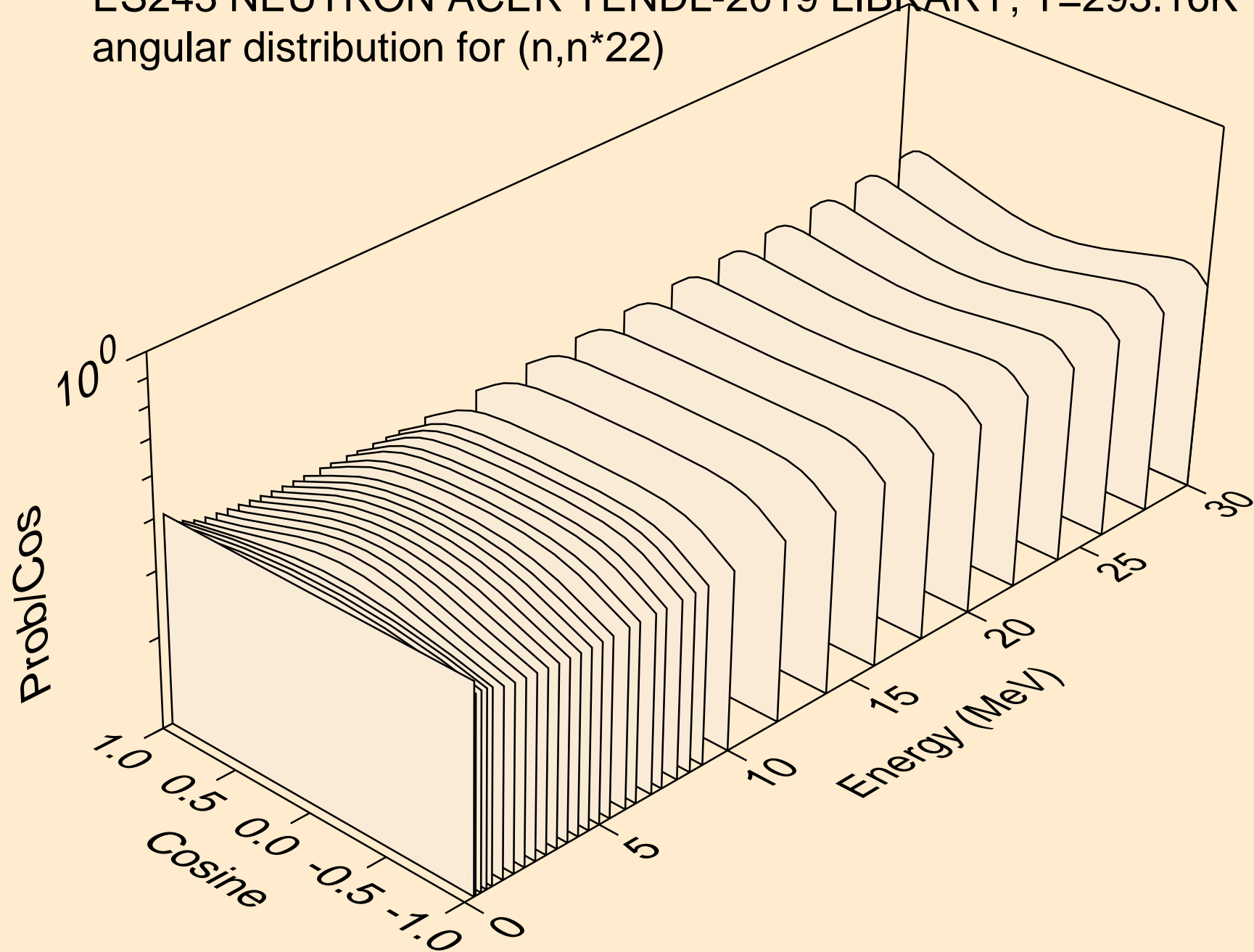
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



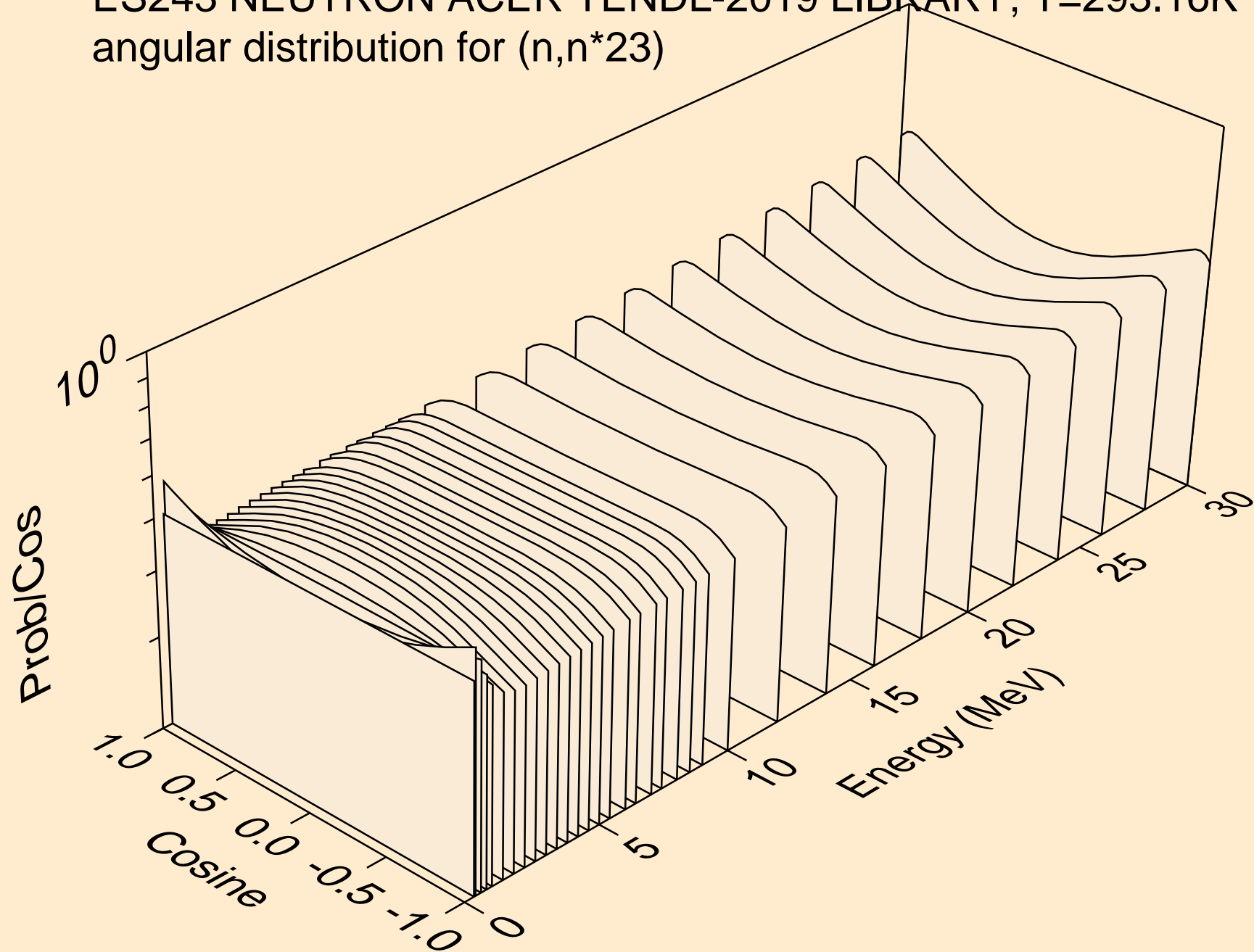
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



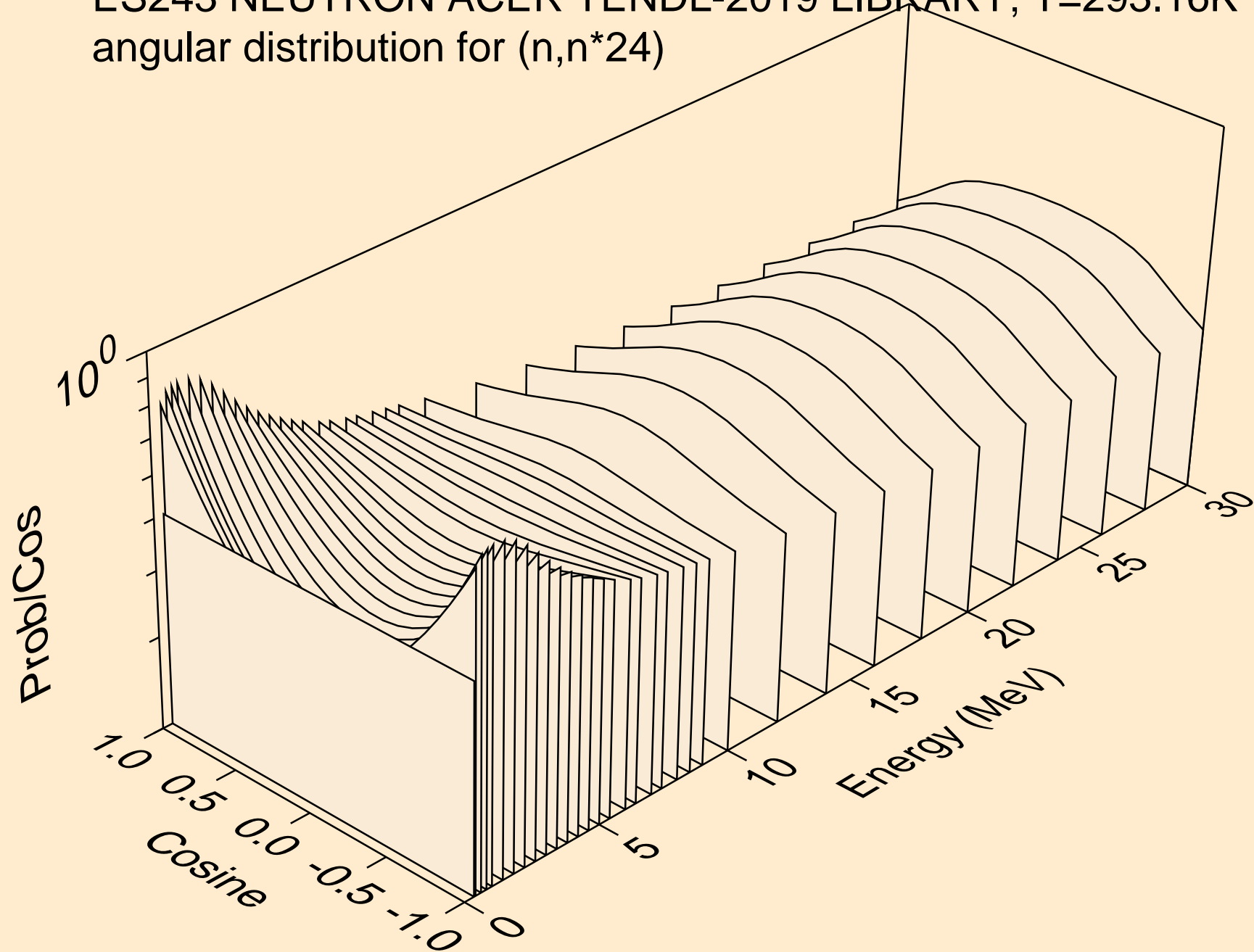
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



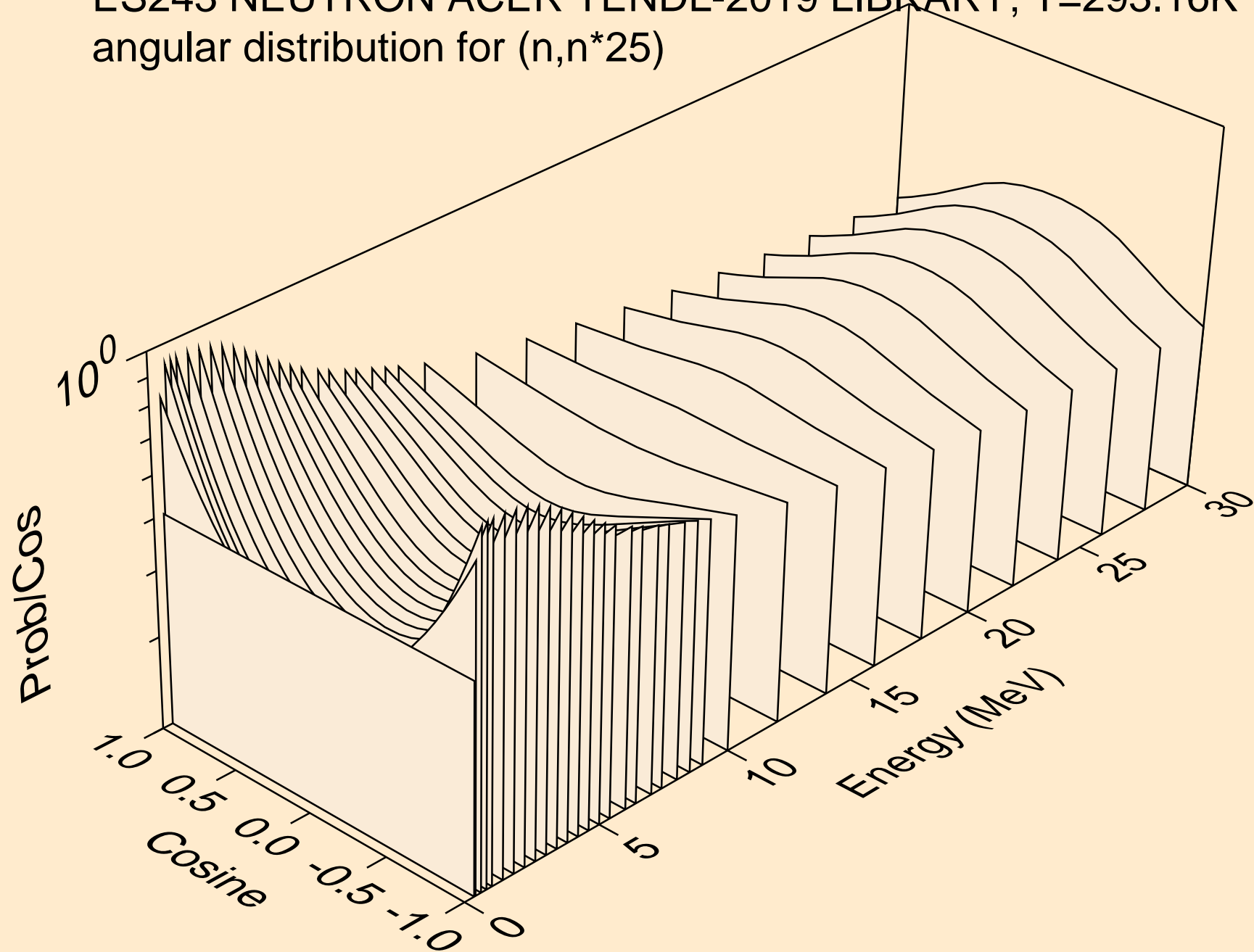
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



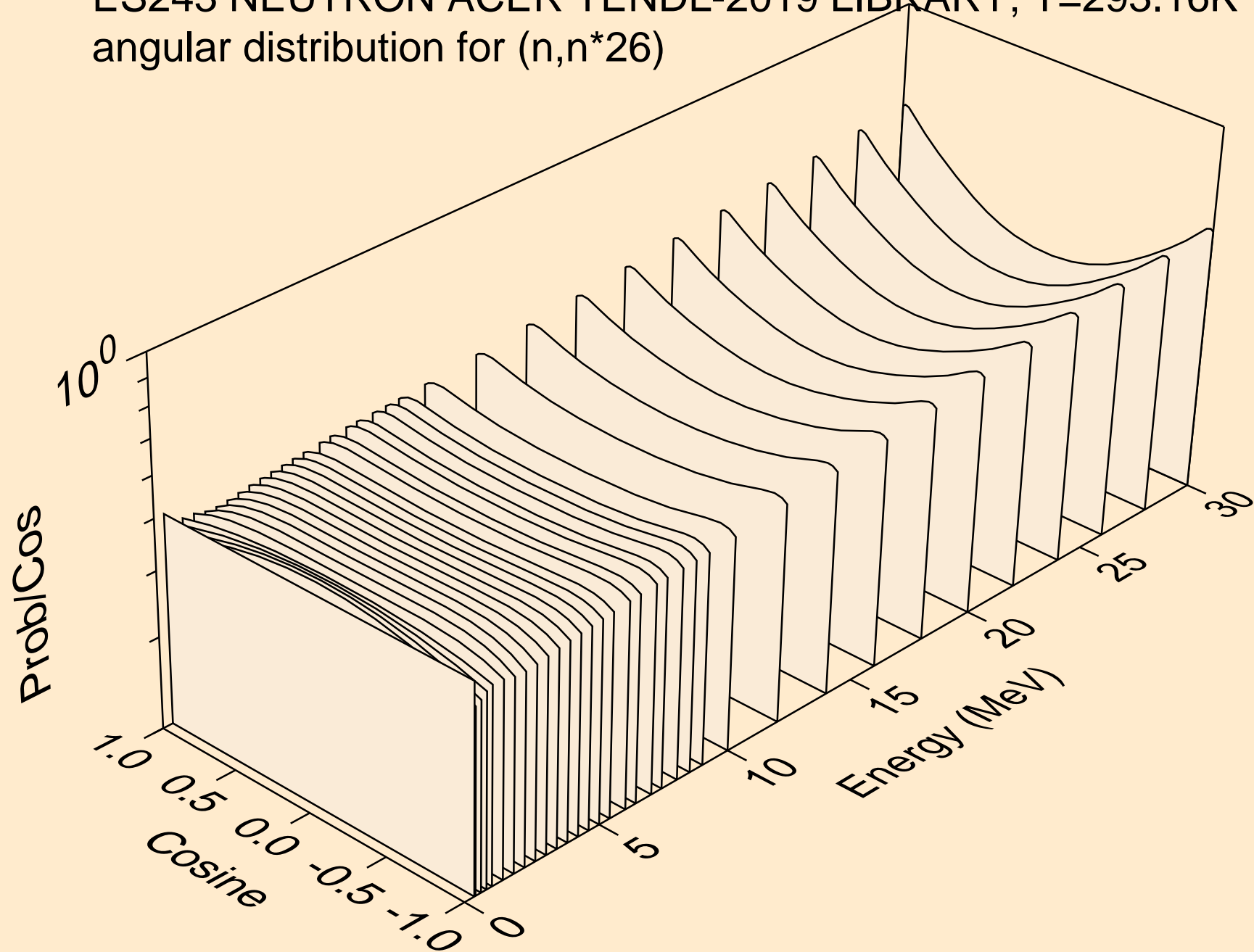
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



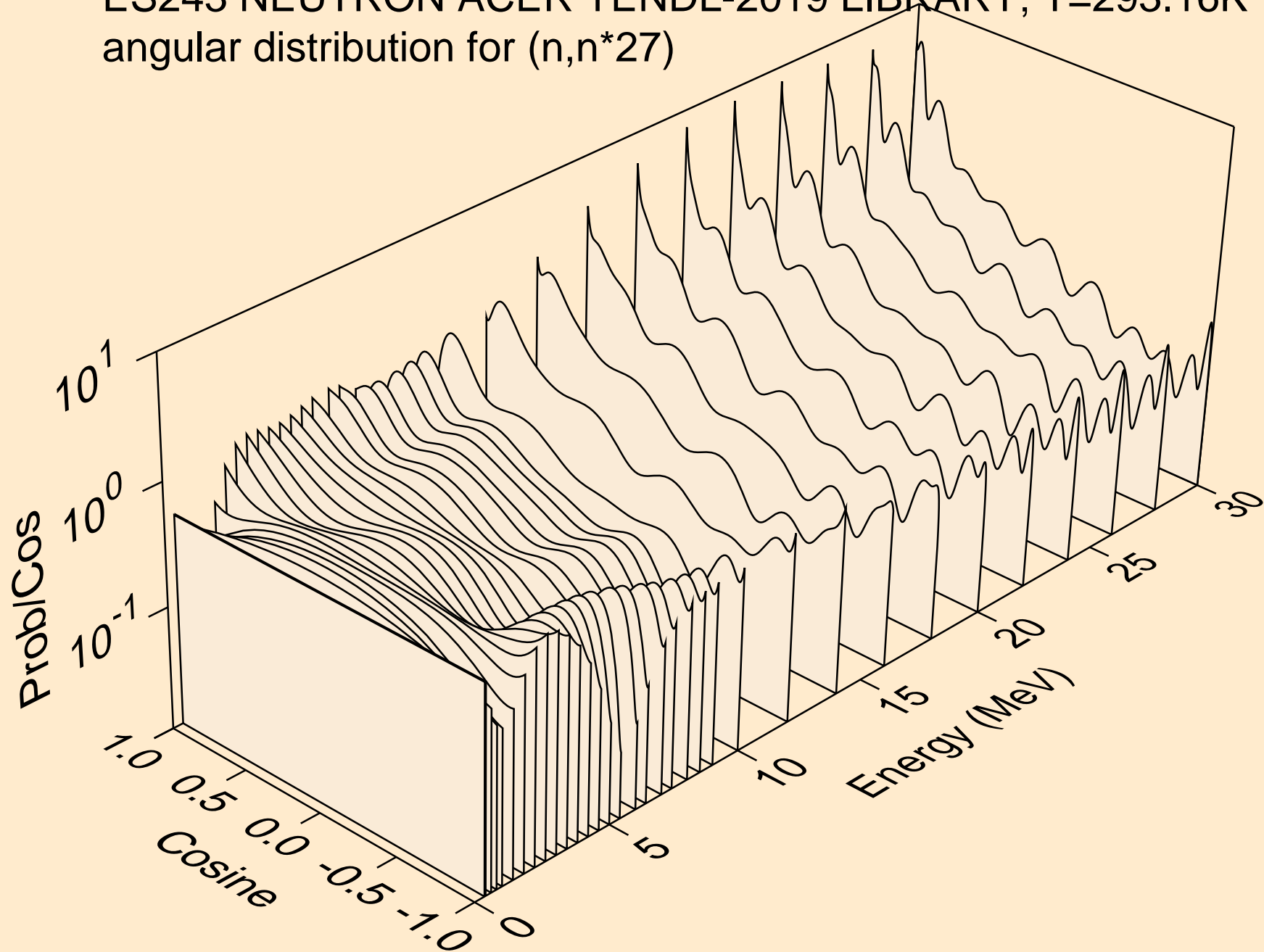
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



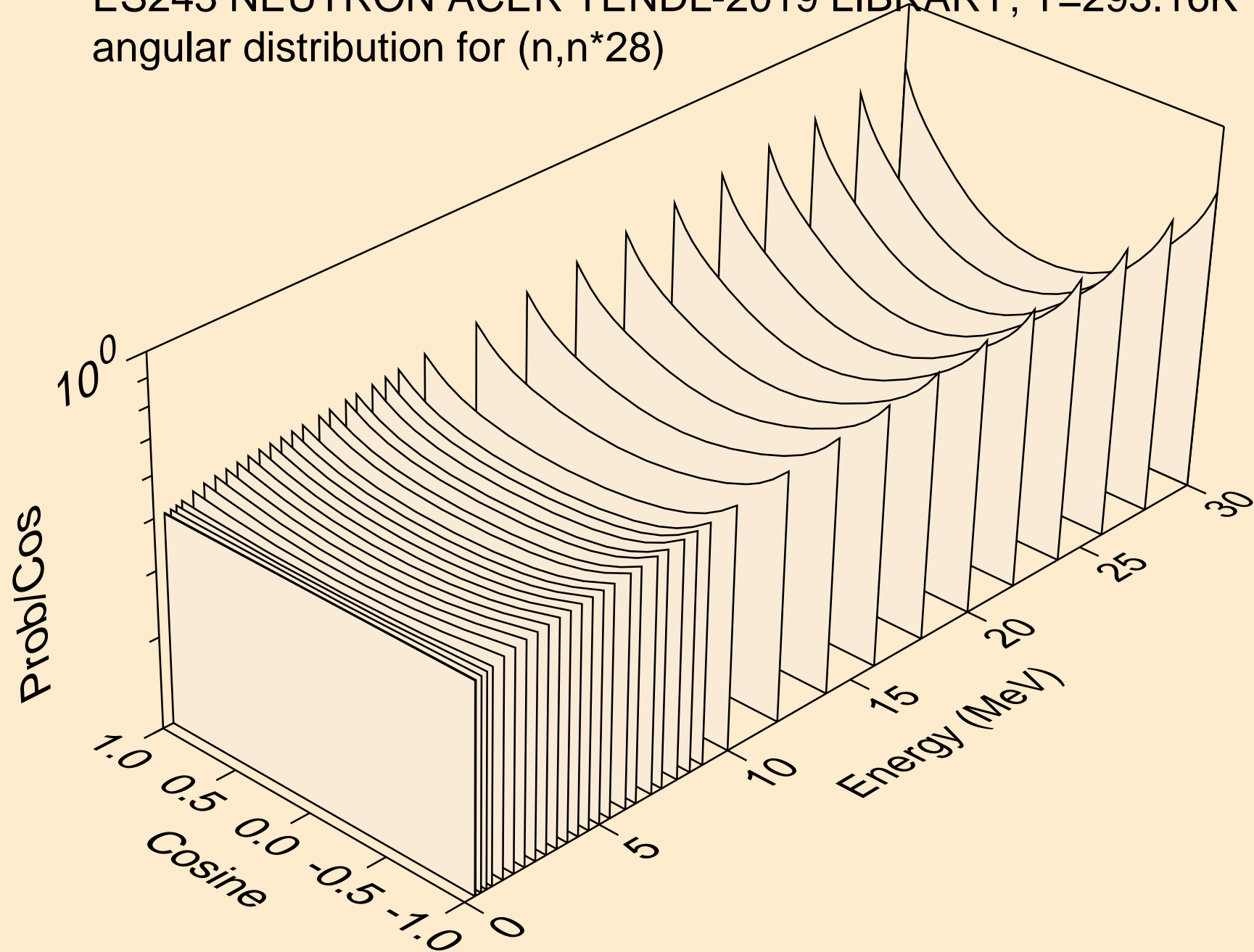
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



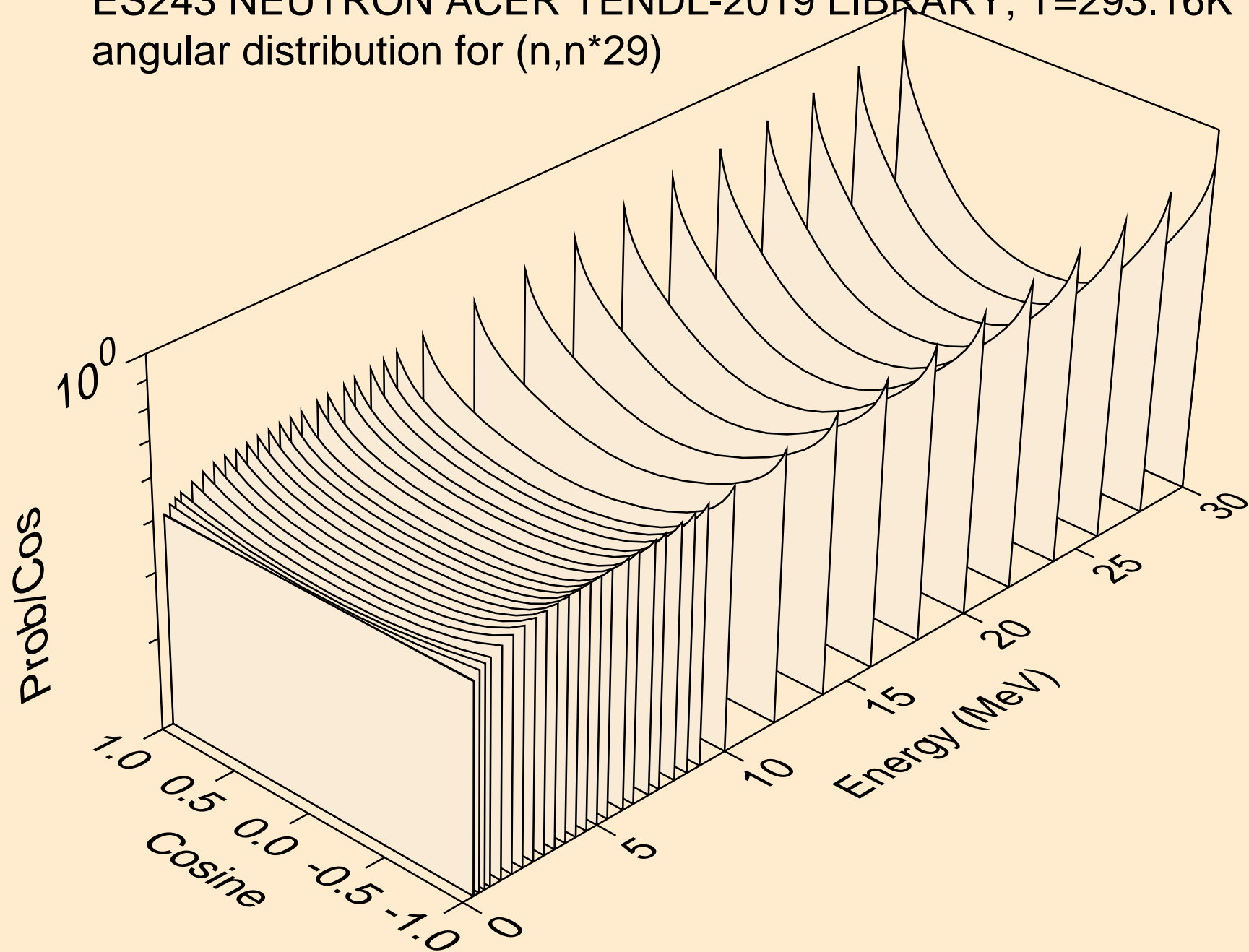
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



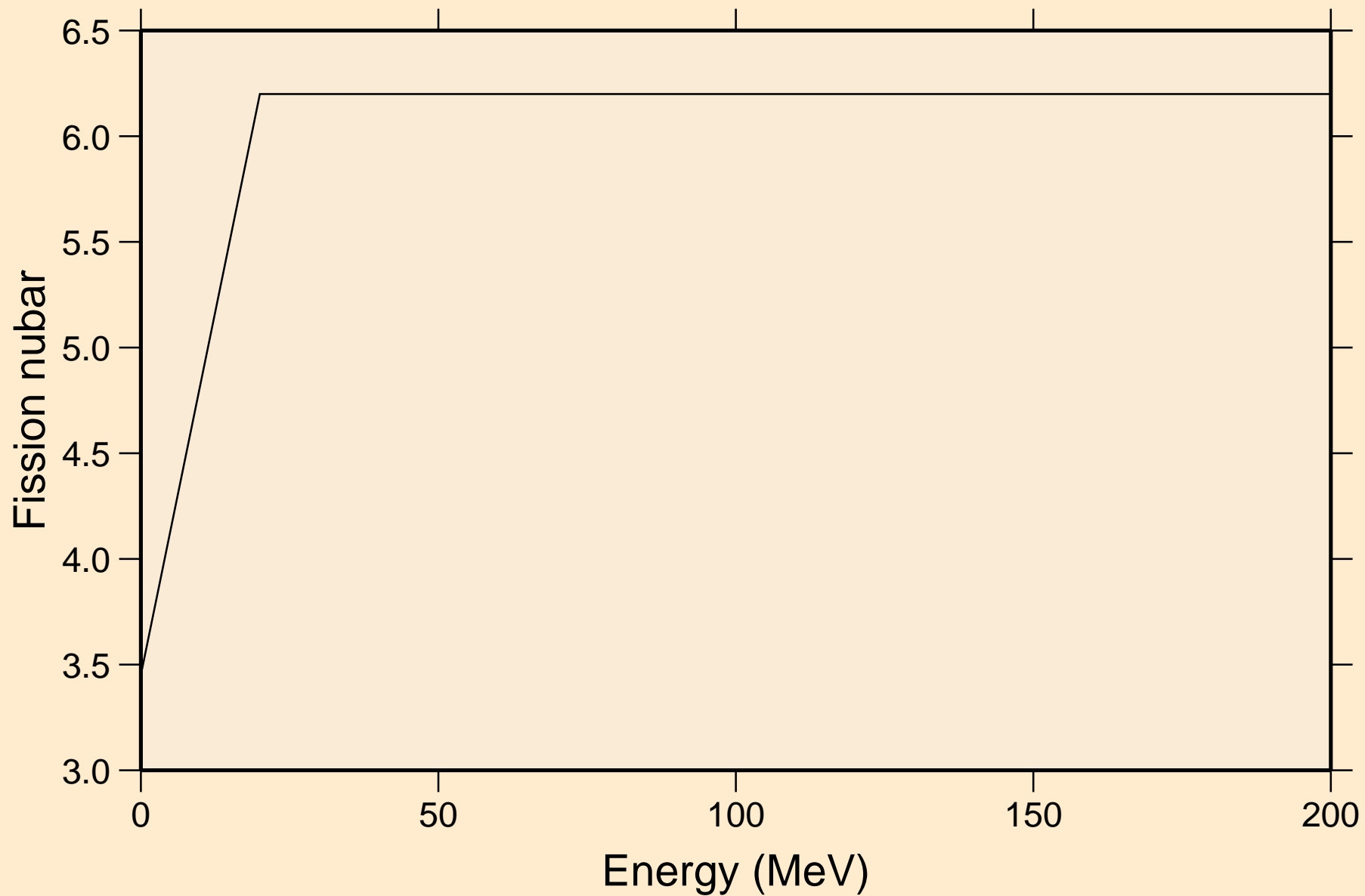
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



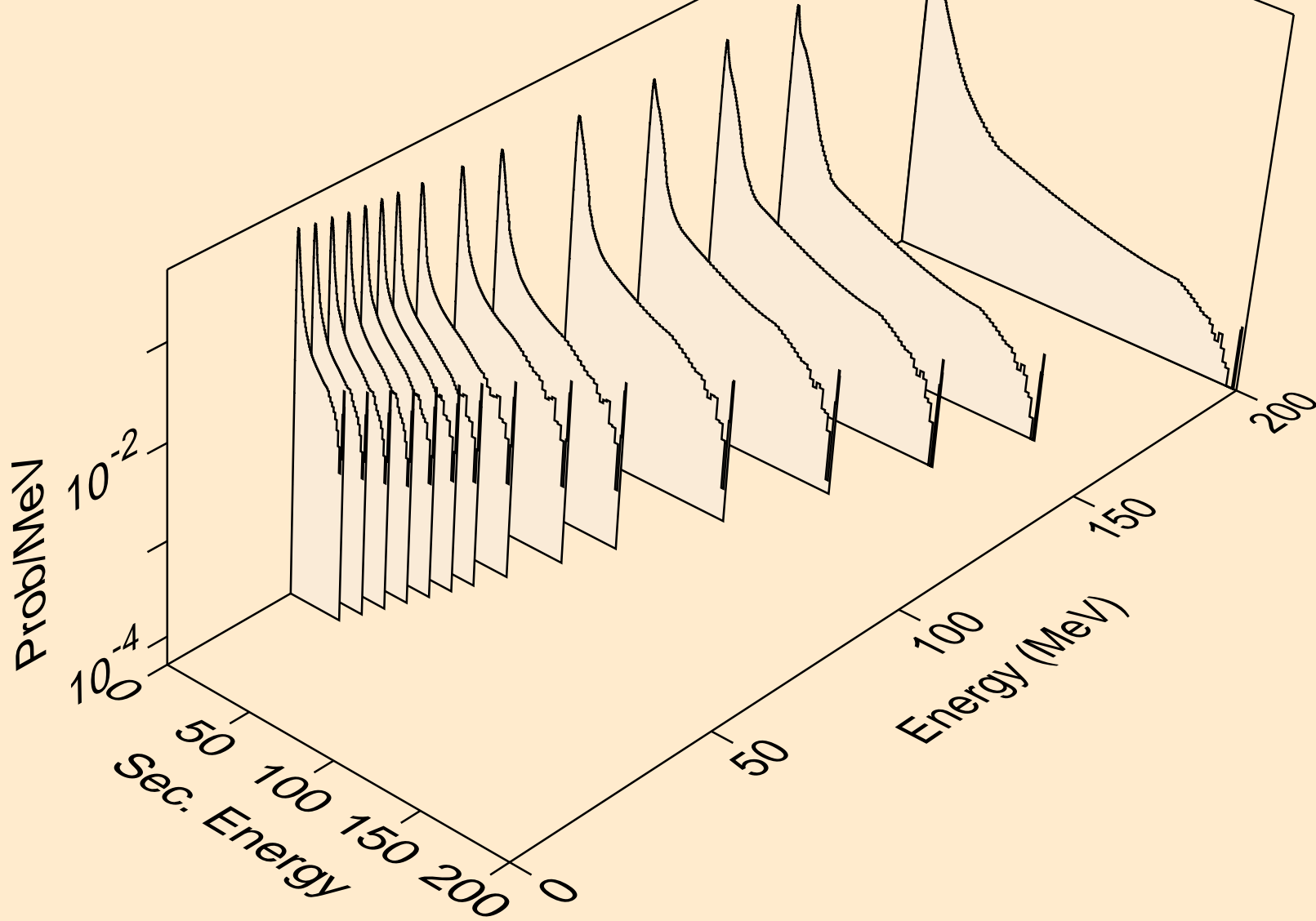
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



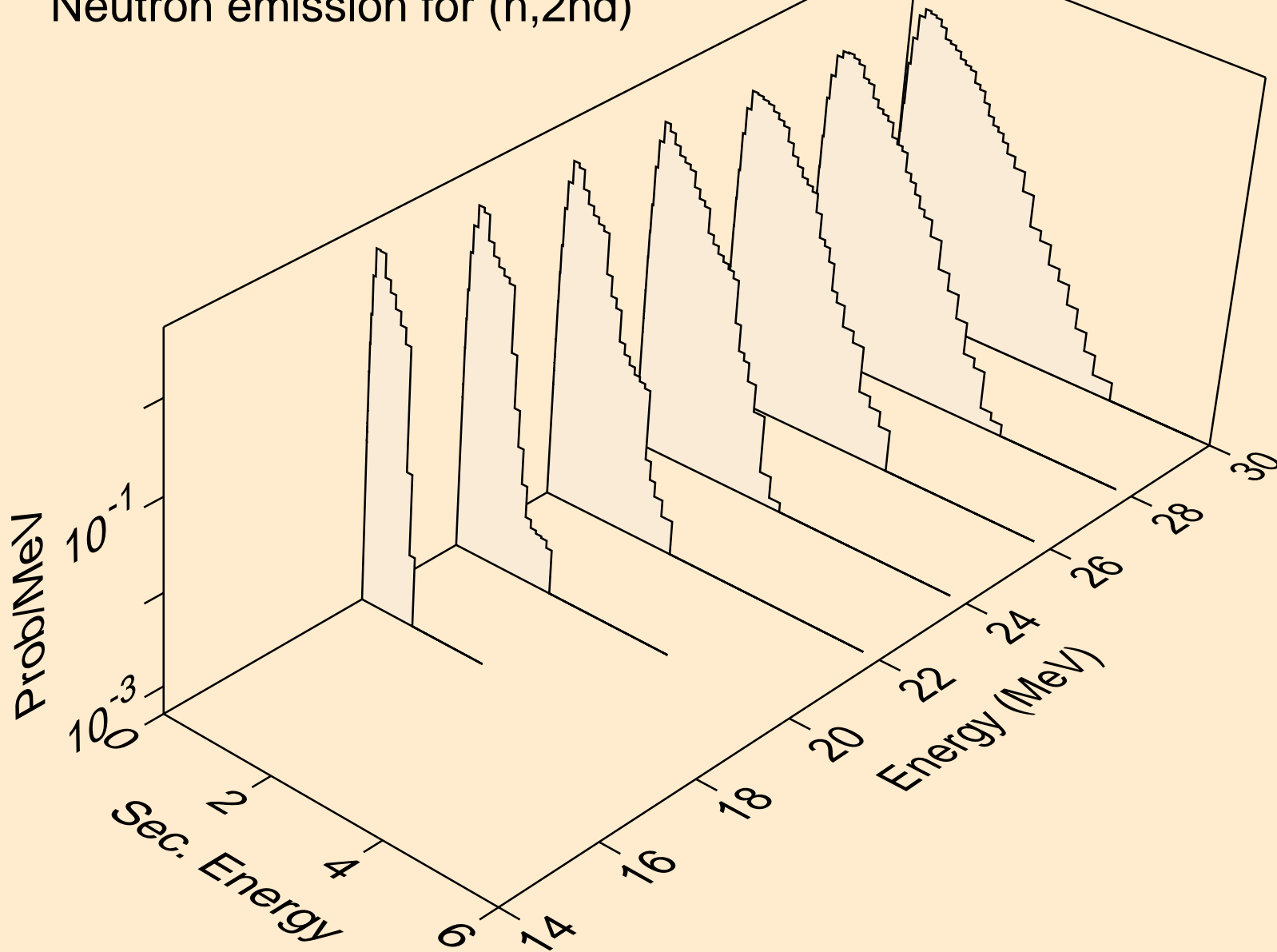
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Total fission nuabar



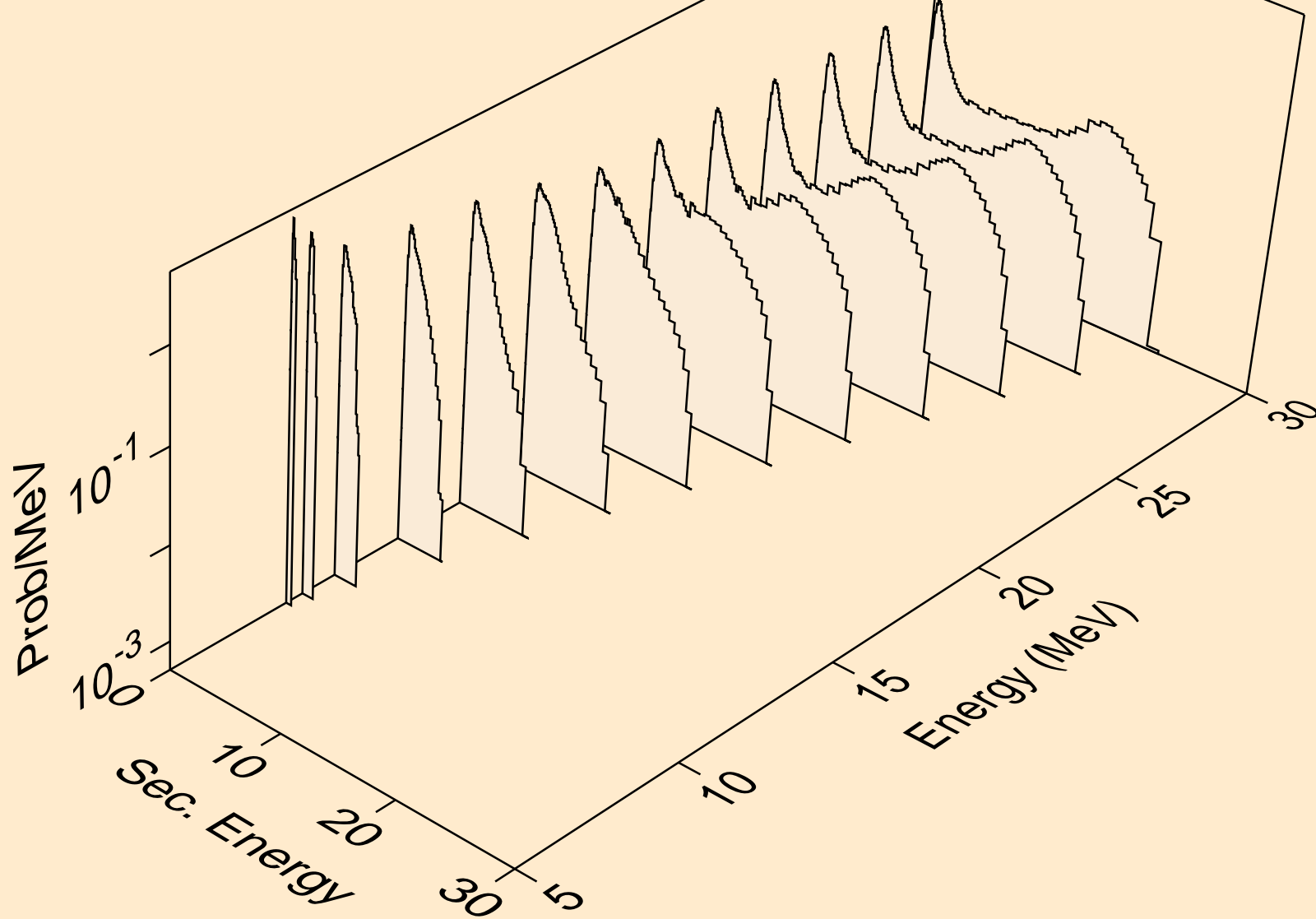
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



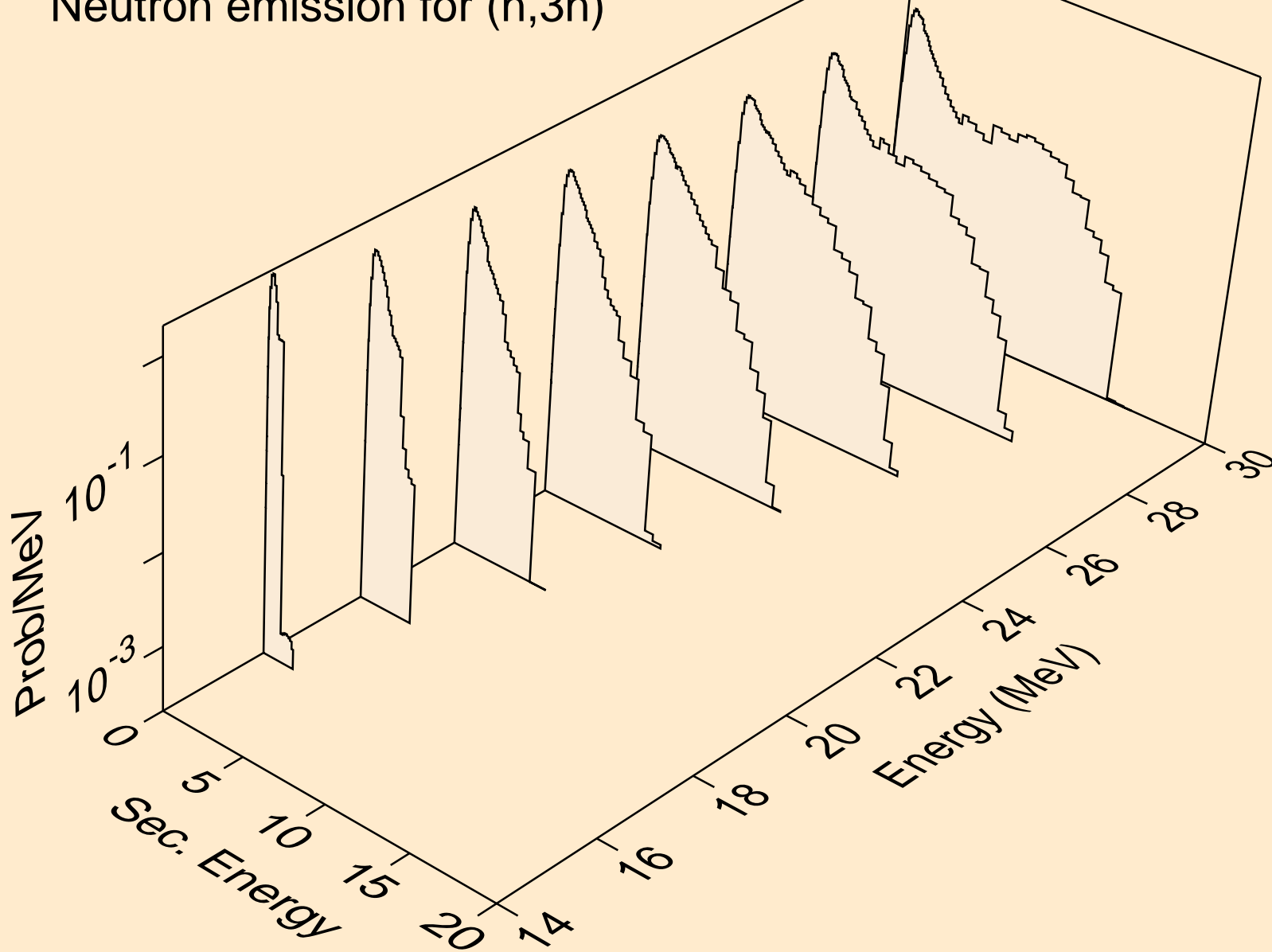
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



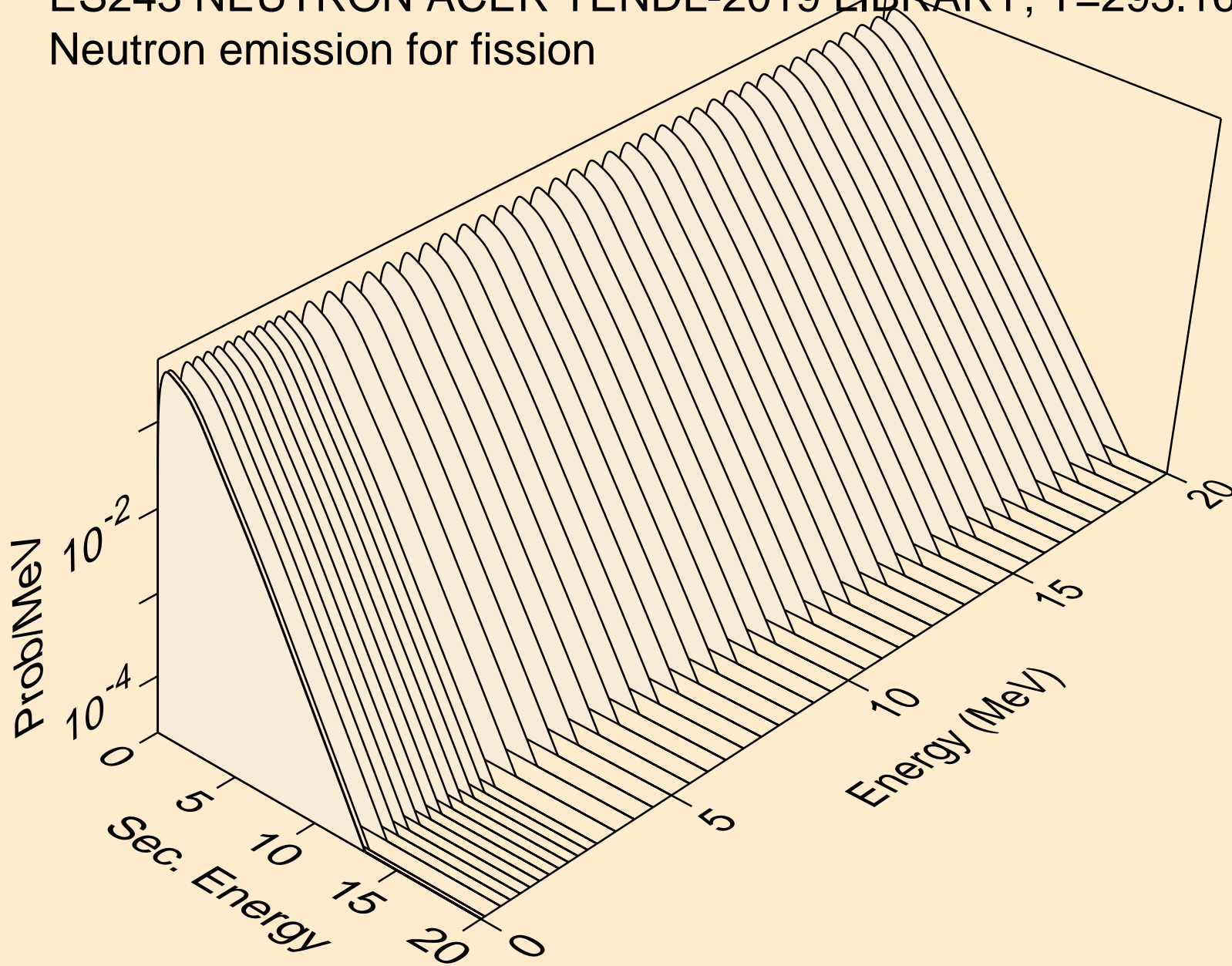
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



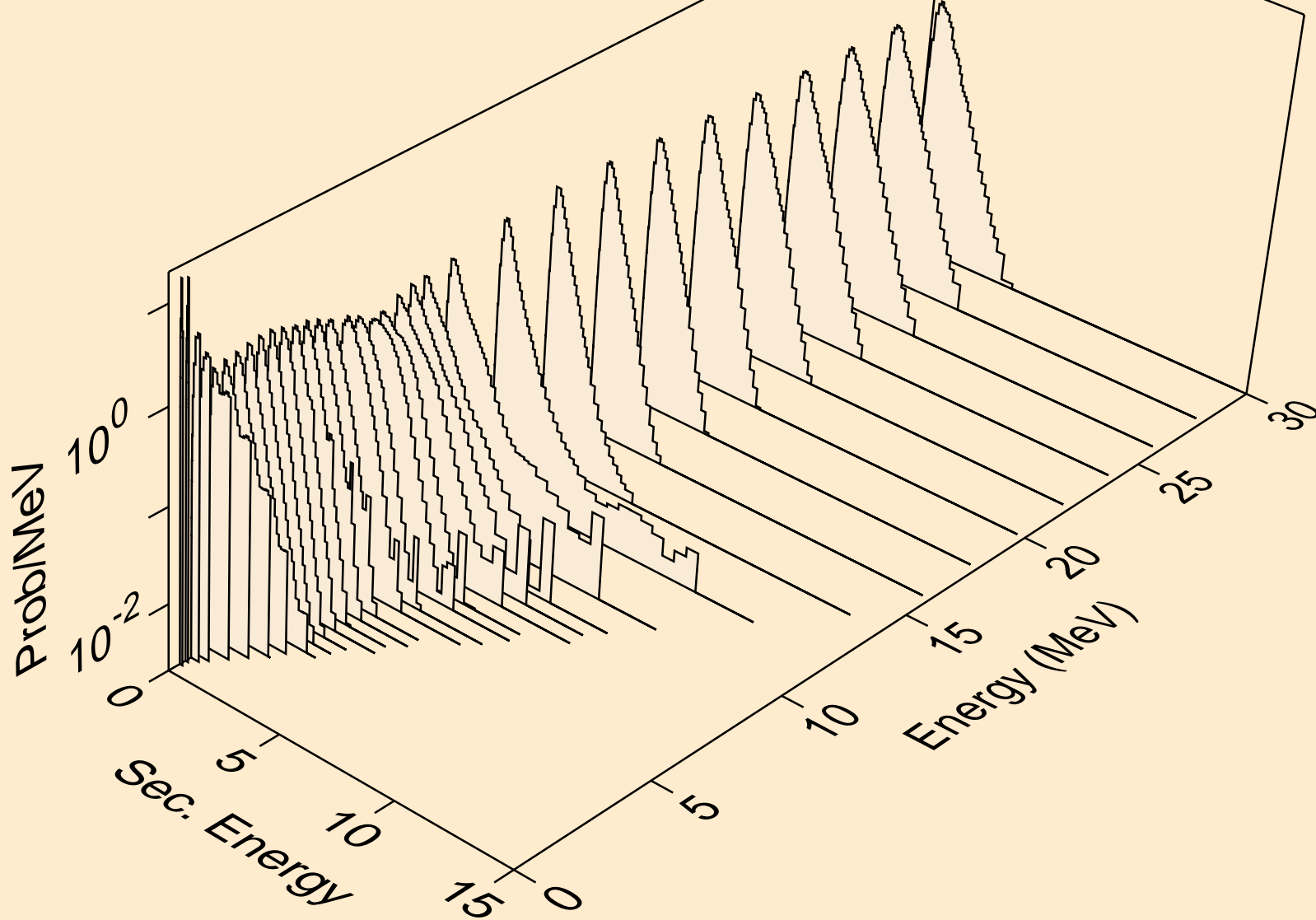
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



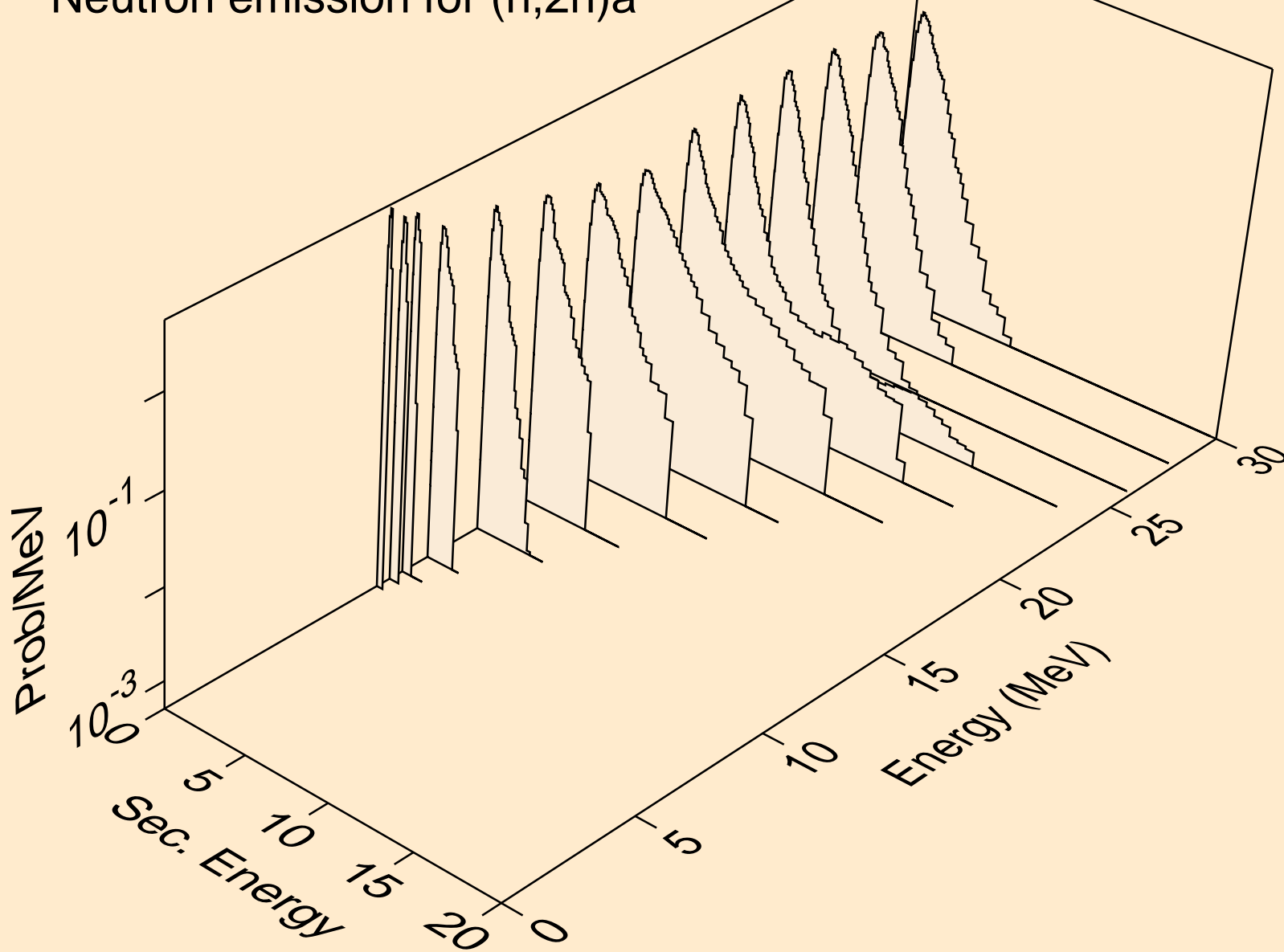
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for fission



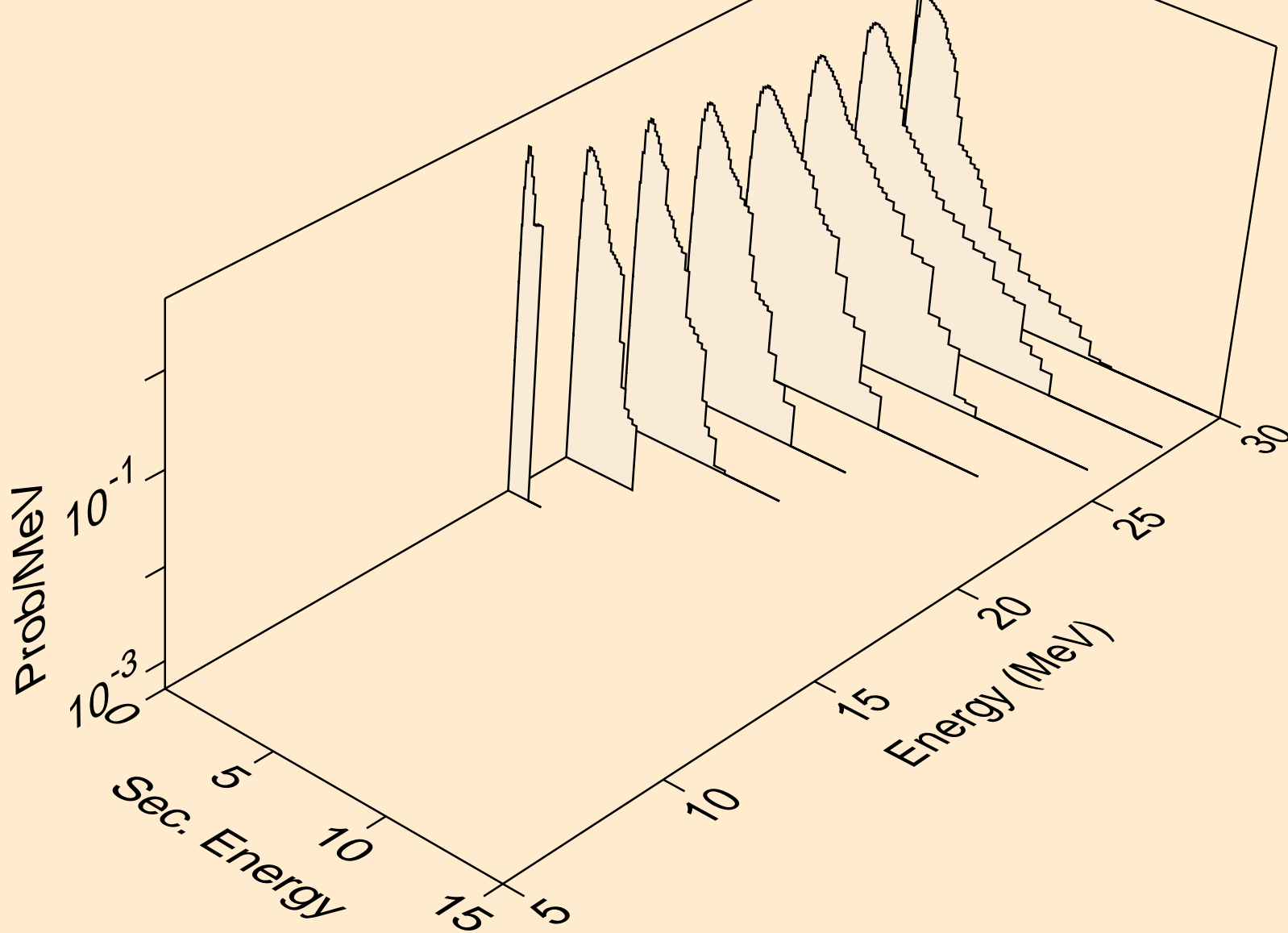
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



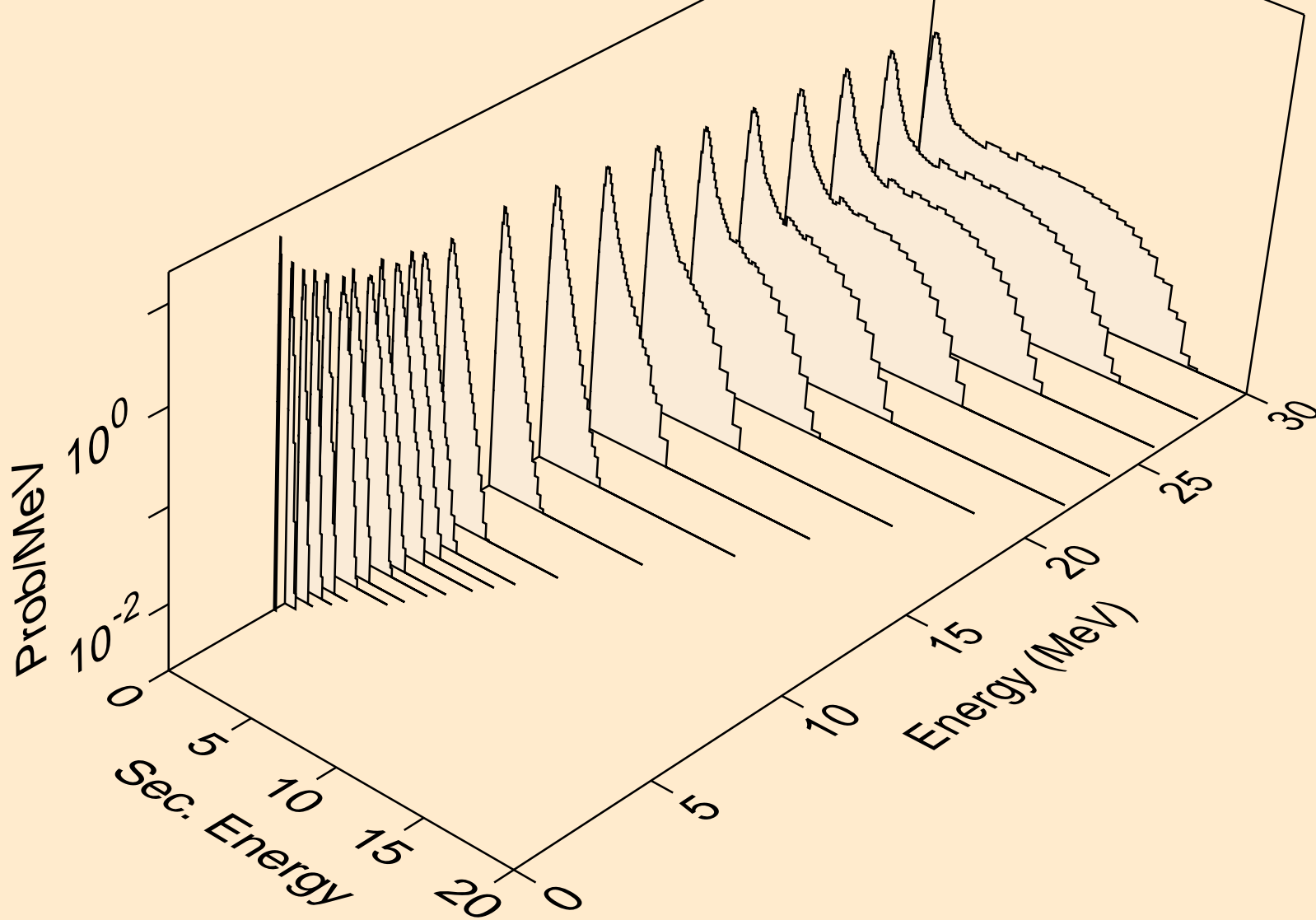
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



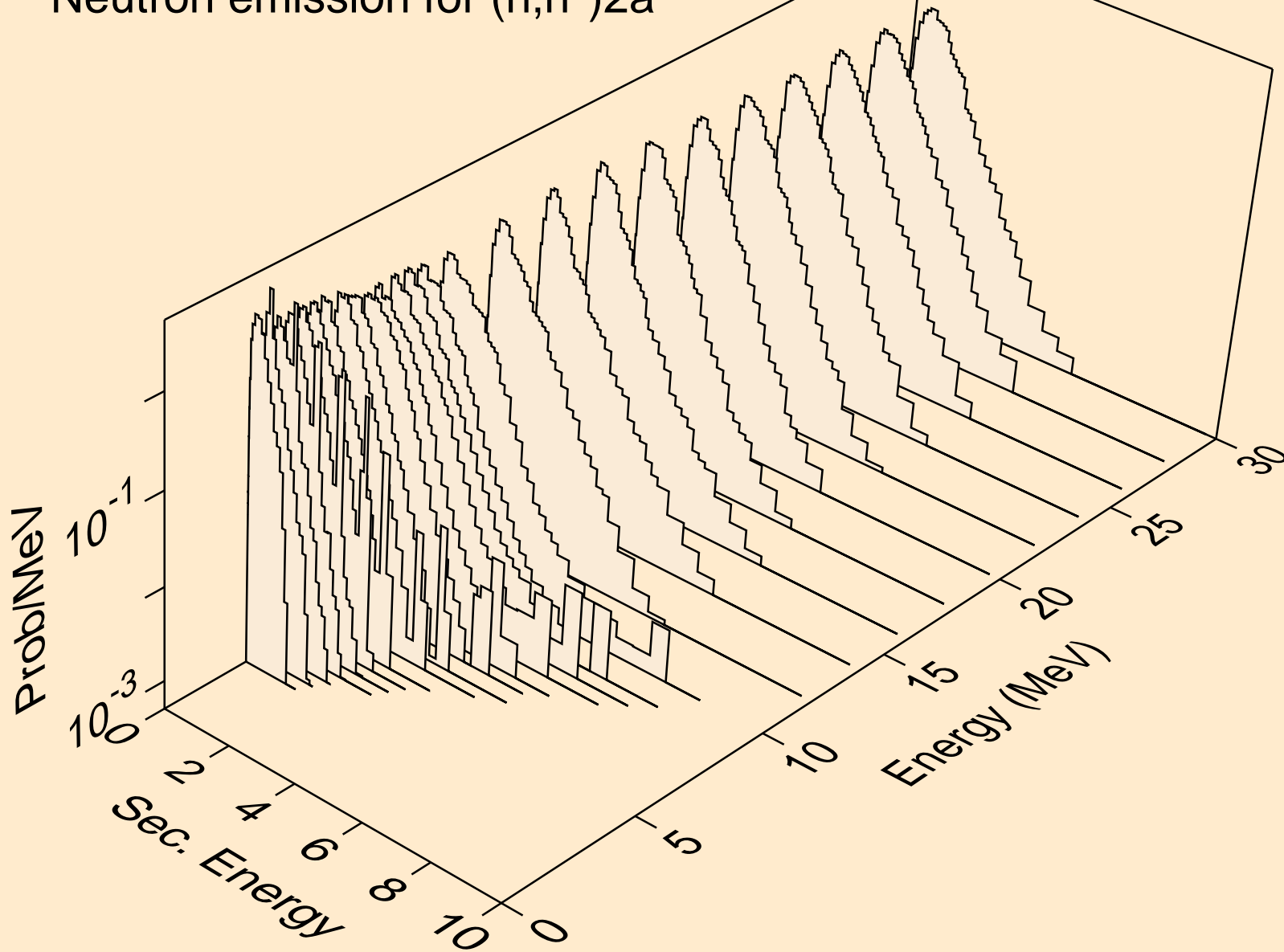
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



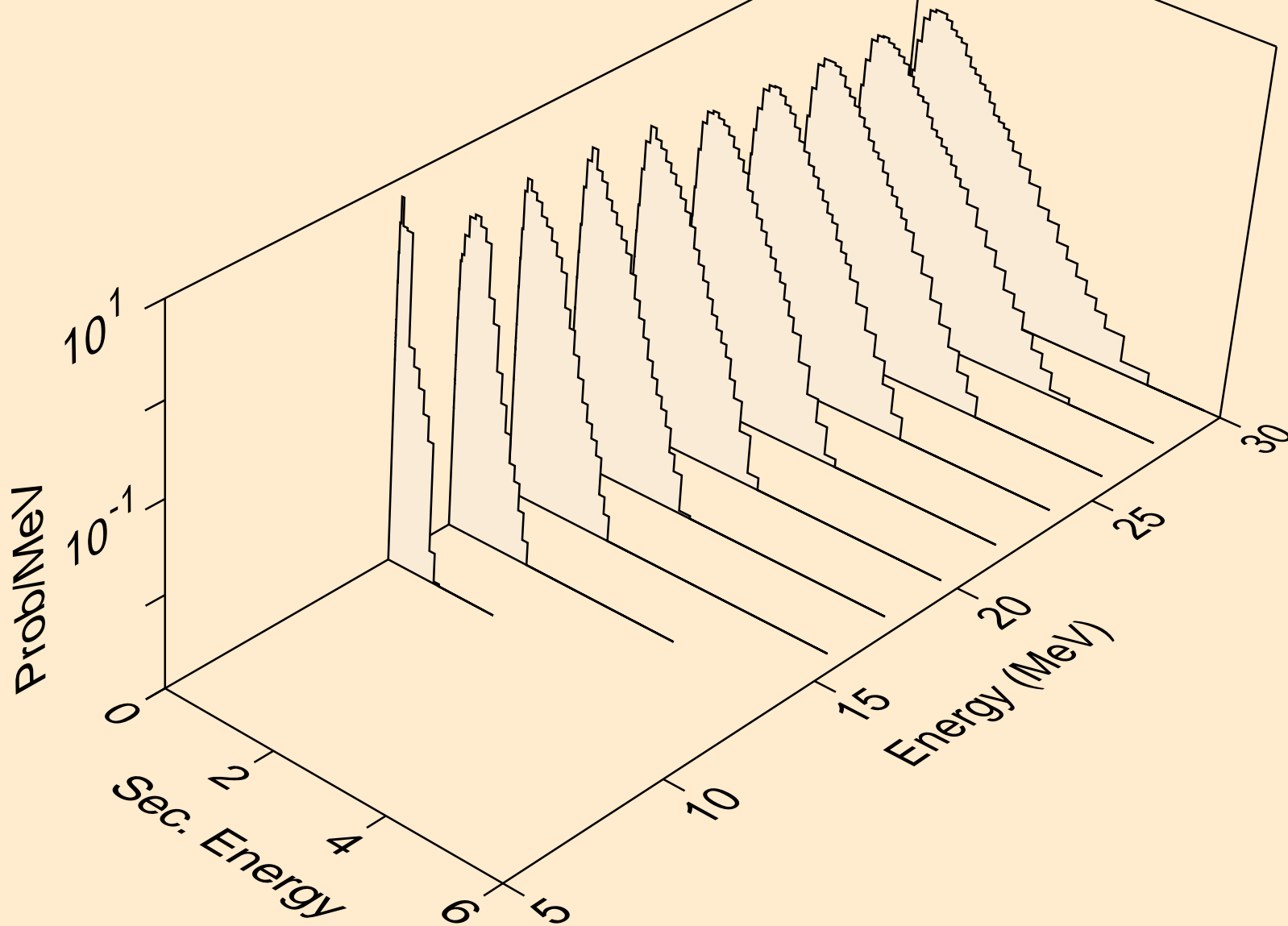
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



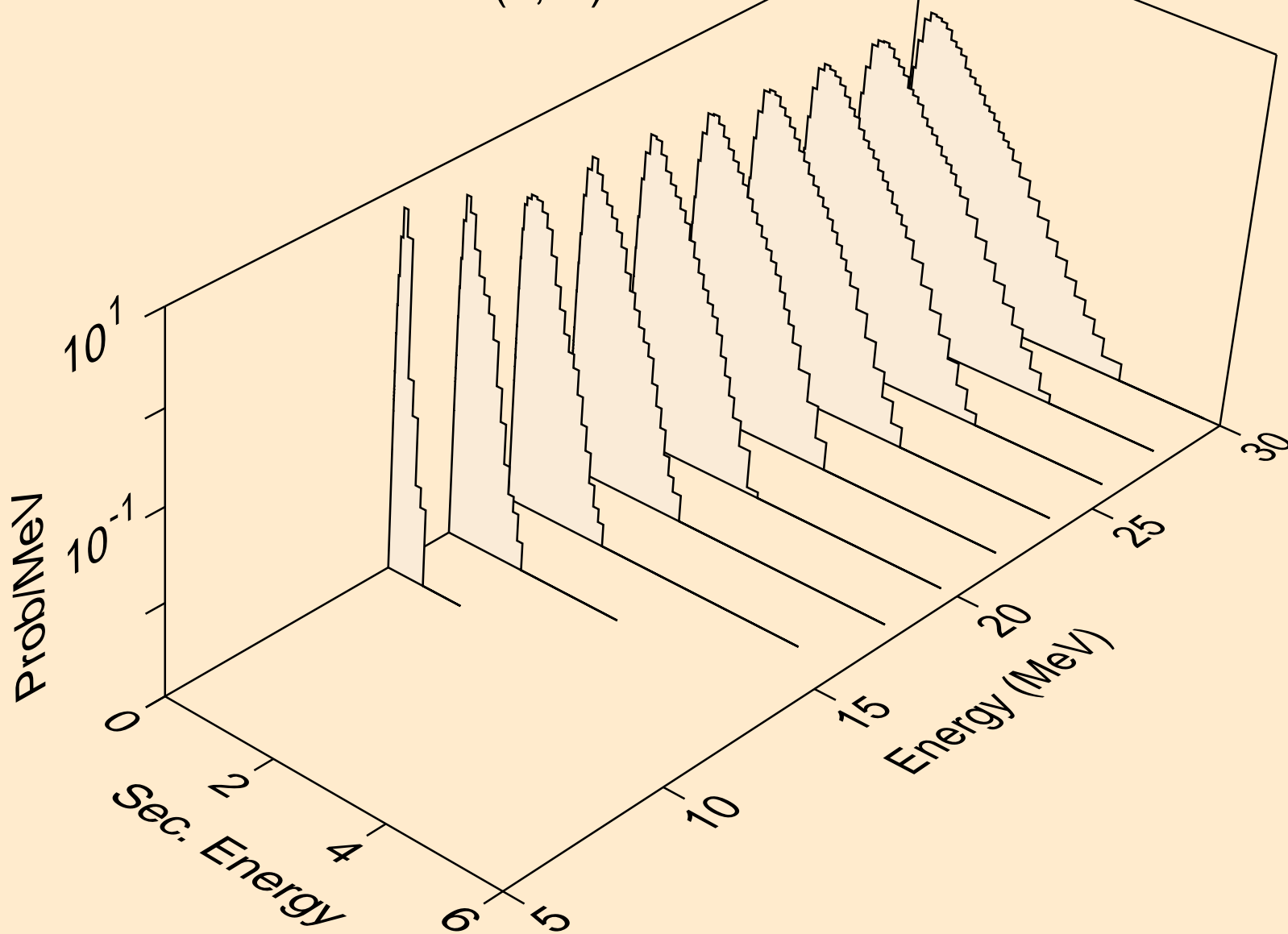
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



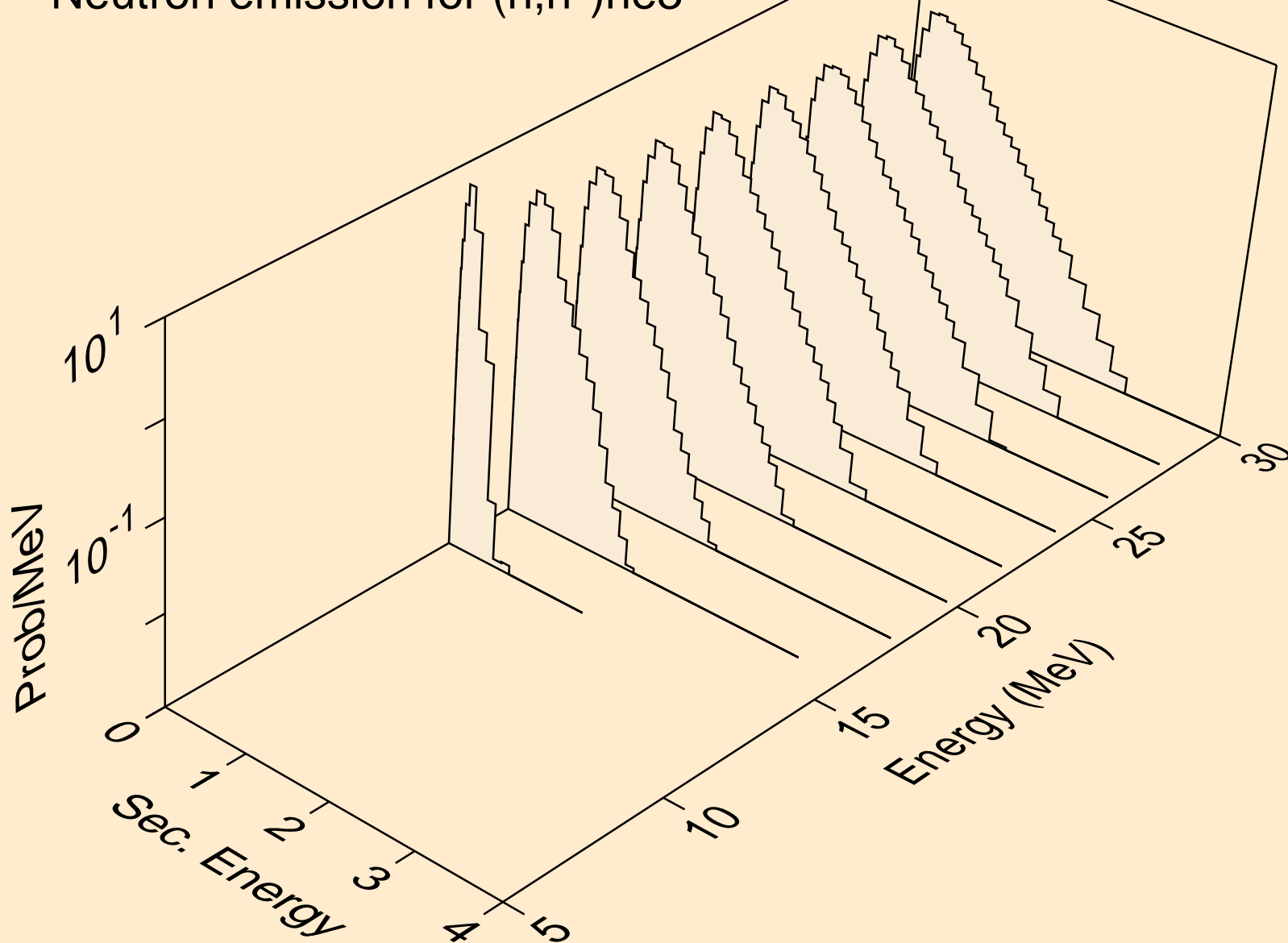
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



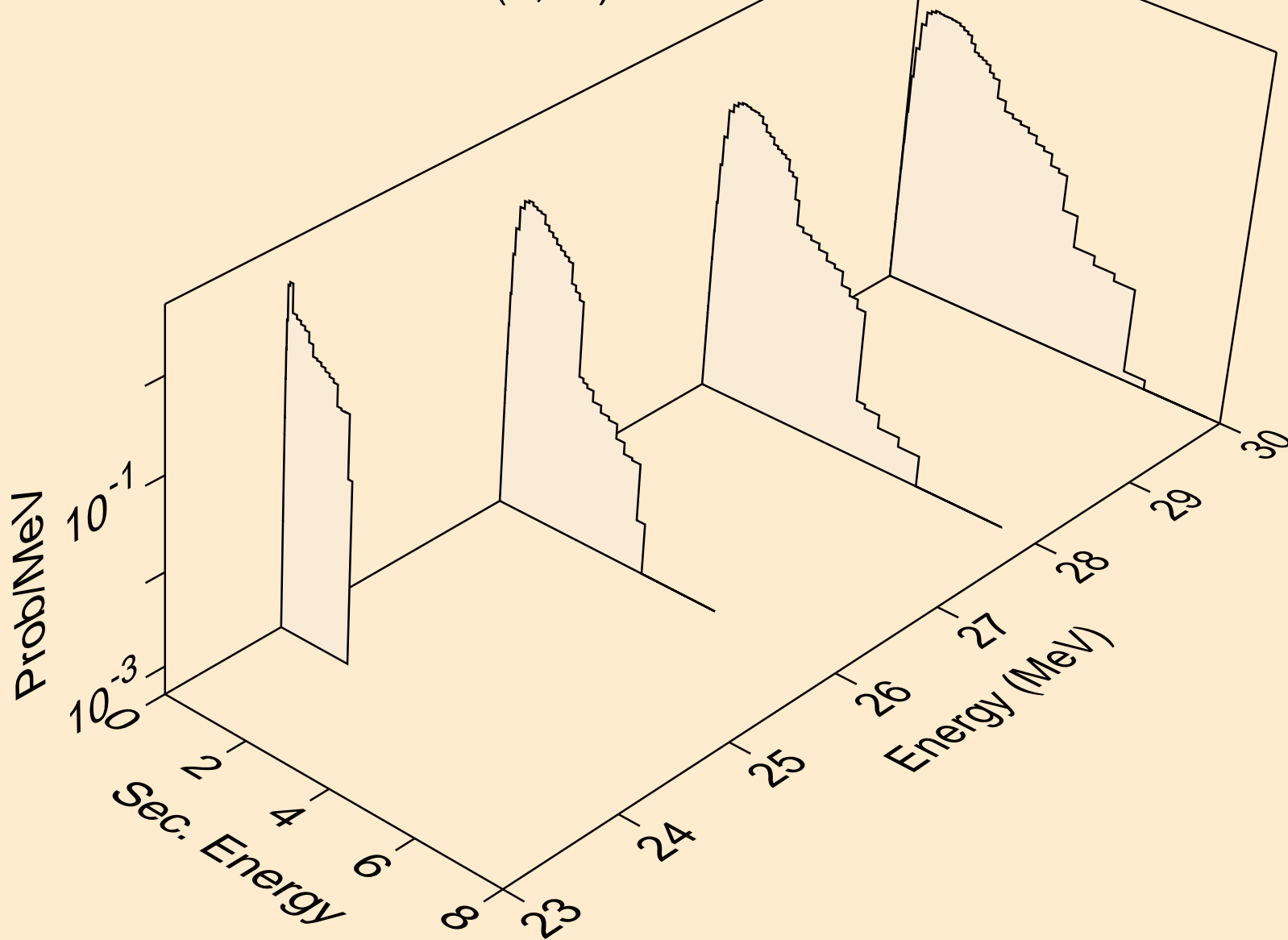
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



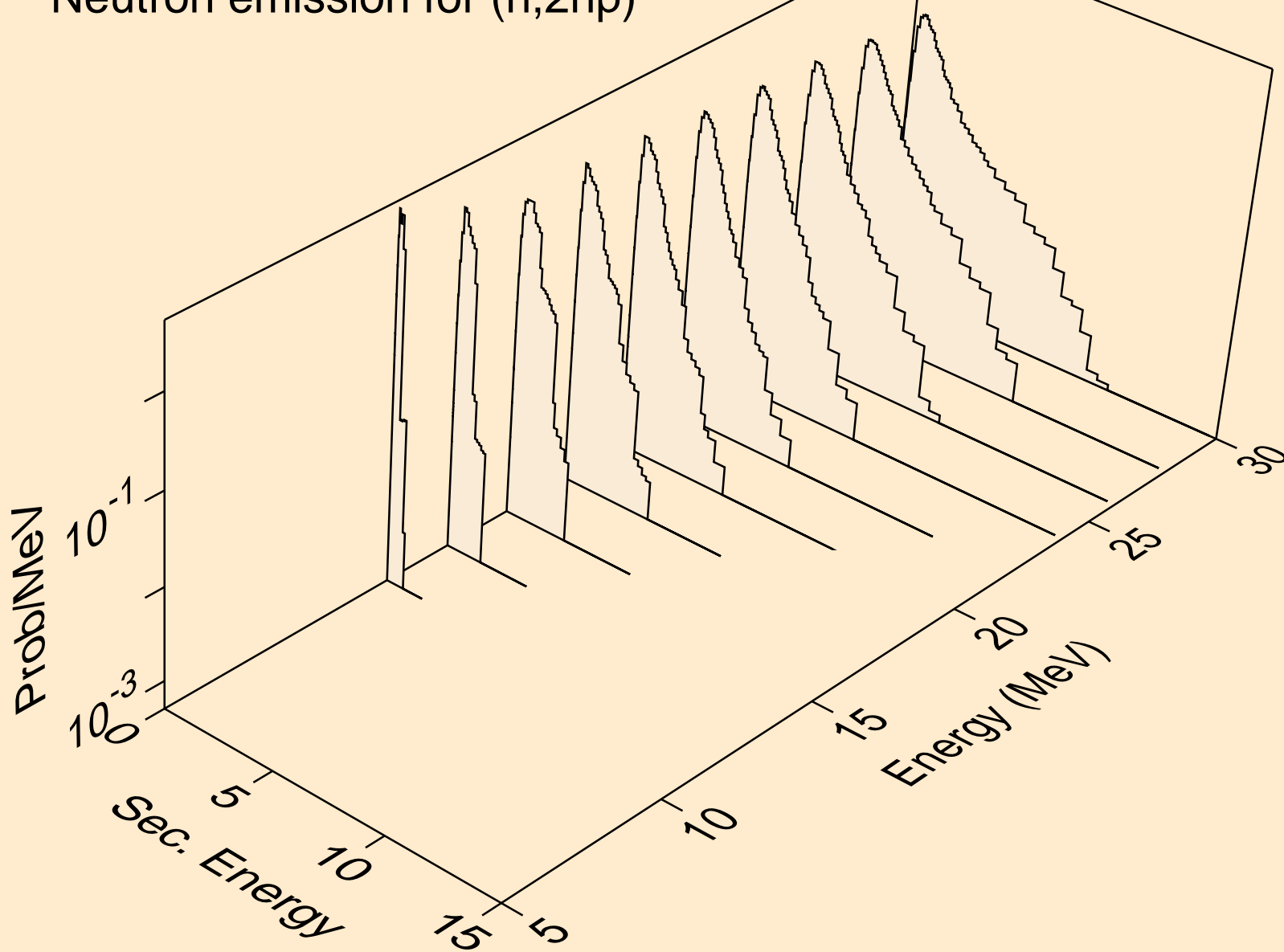
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



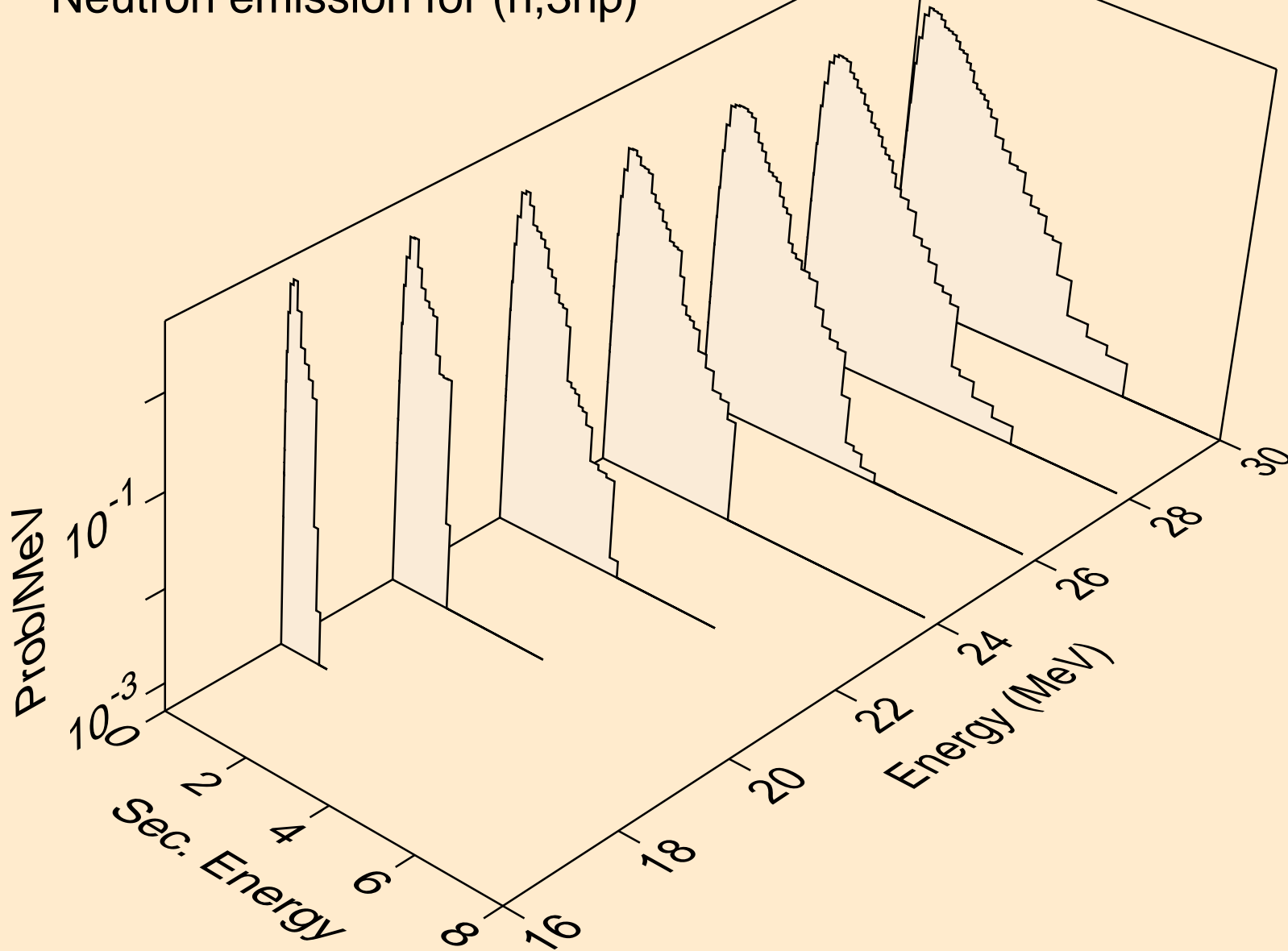
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



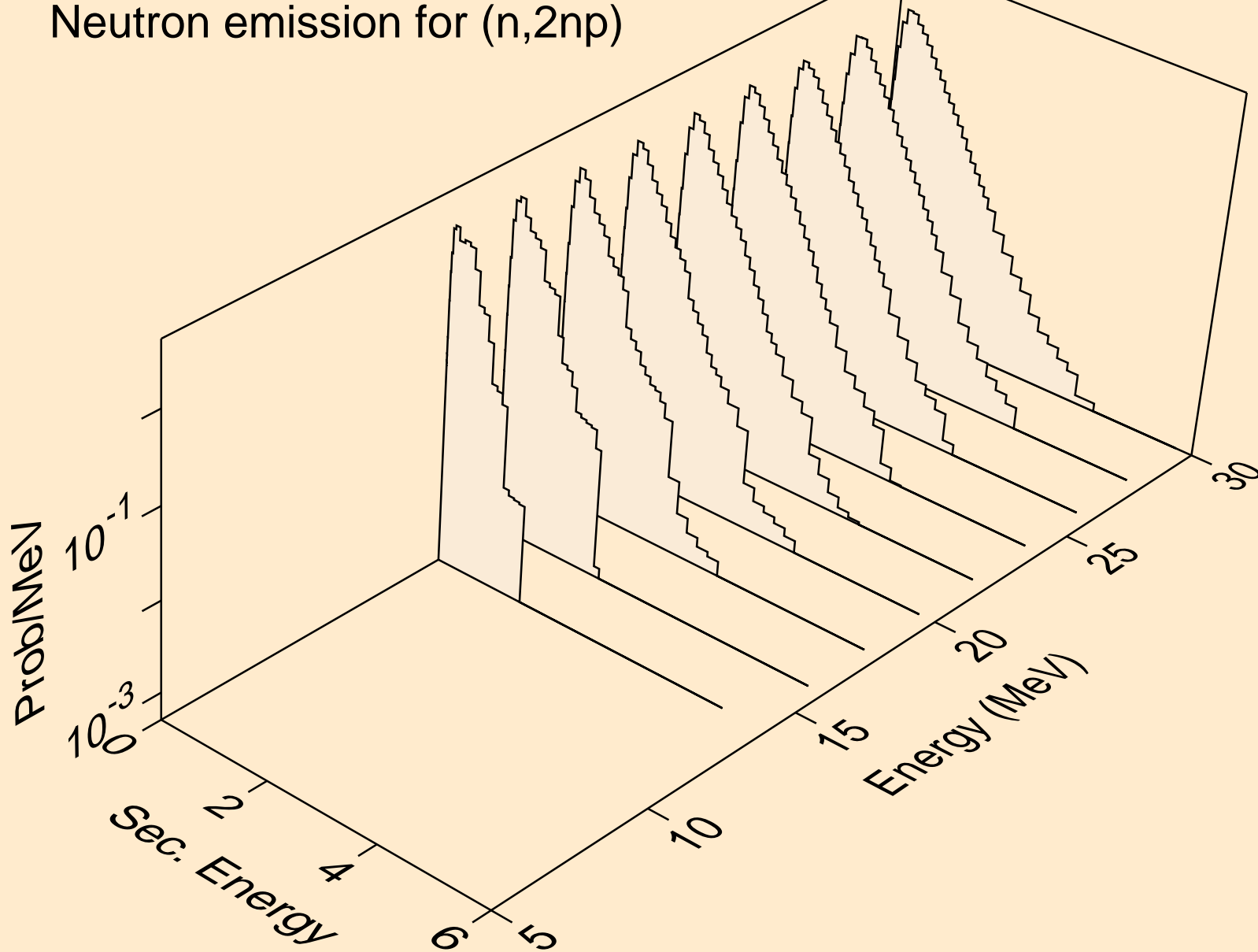
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



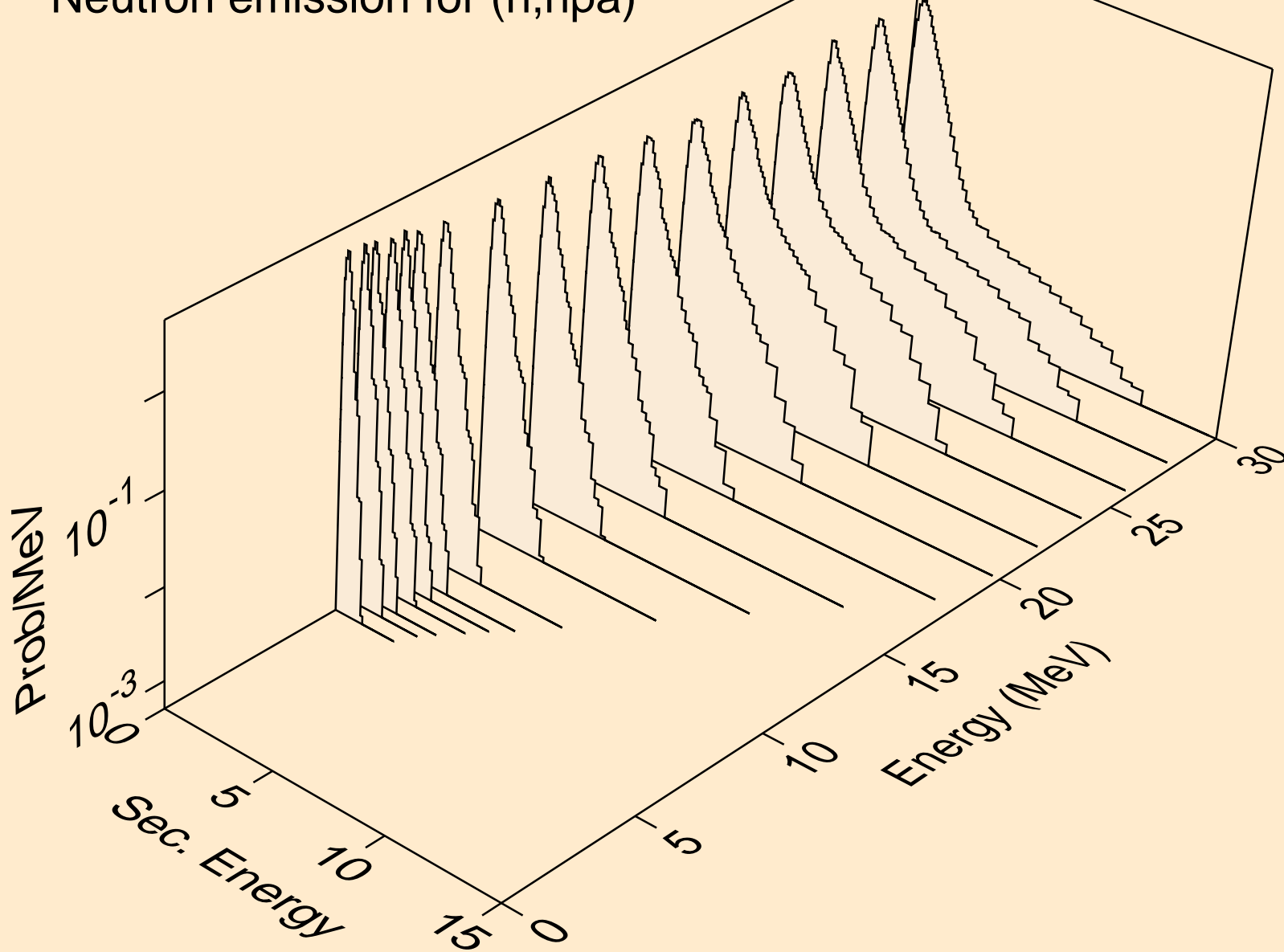
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



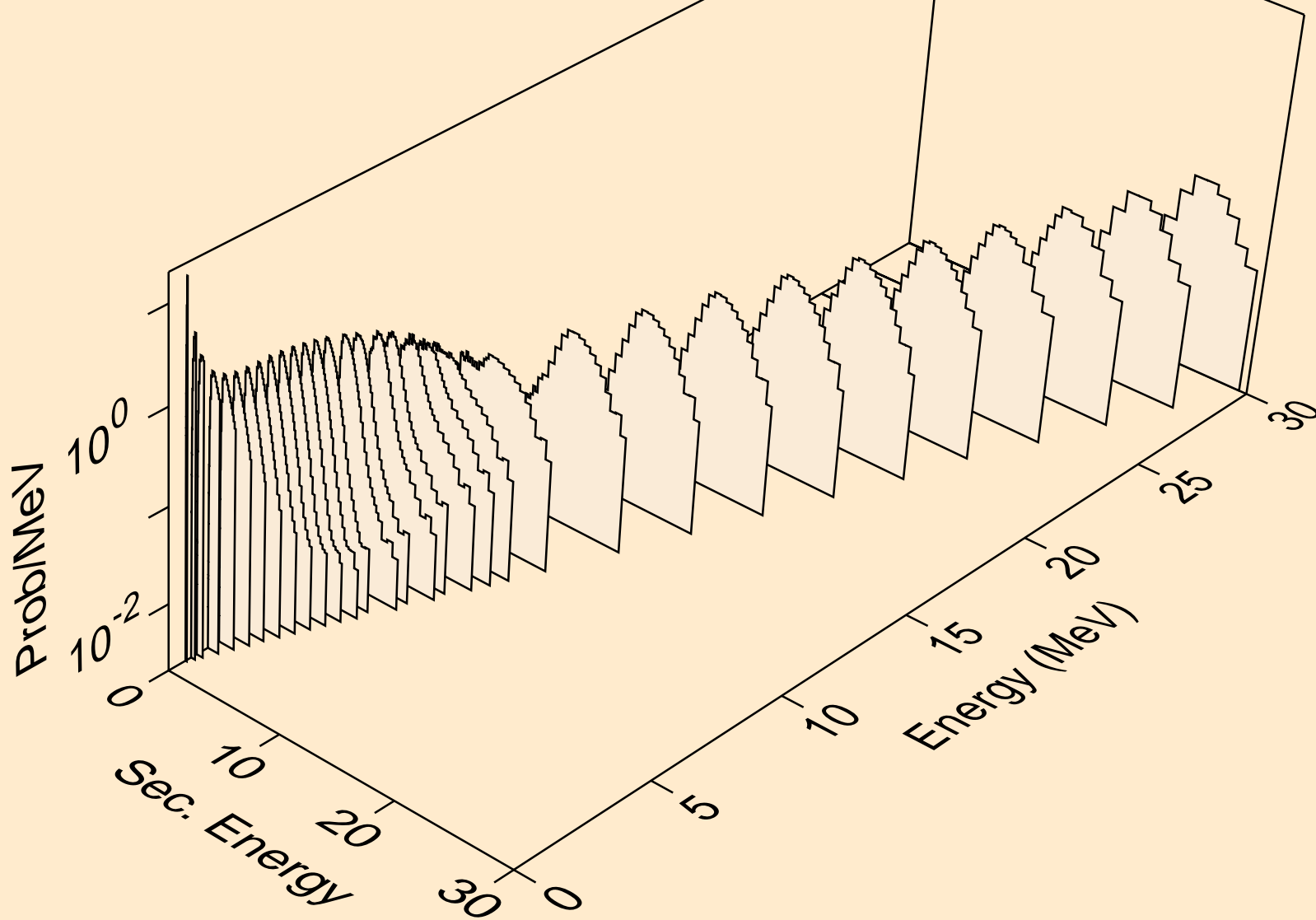
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



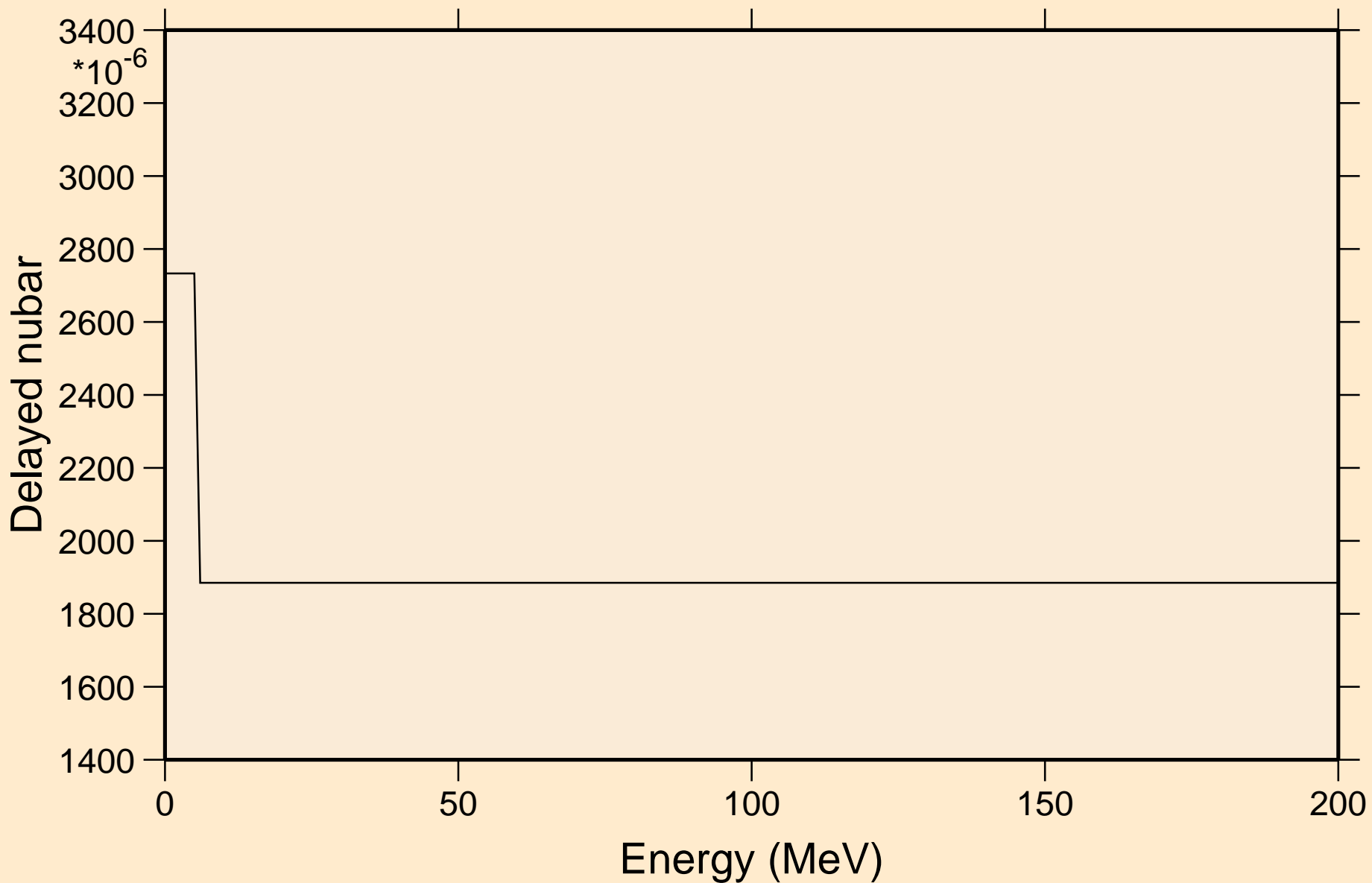
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)

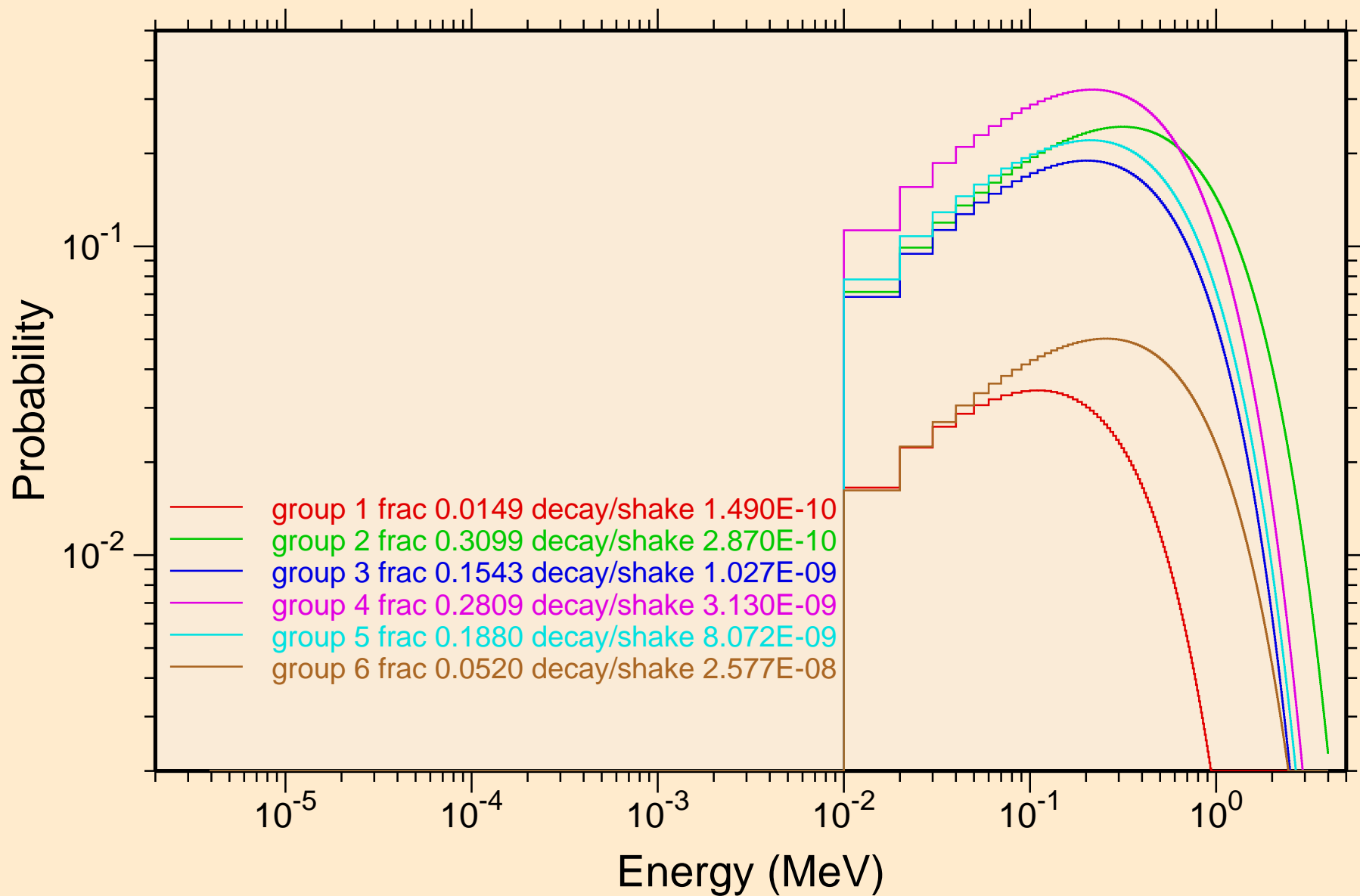


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Delayed nubar

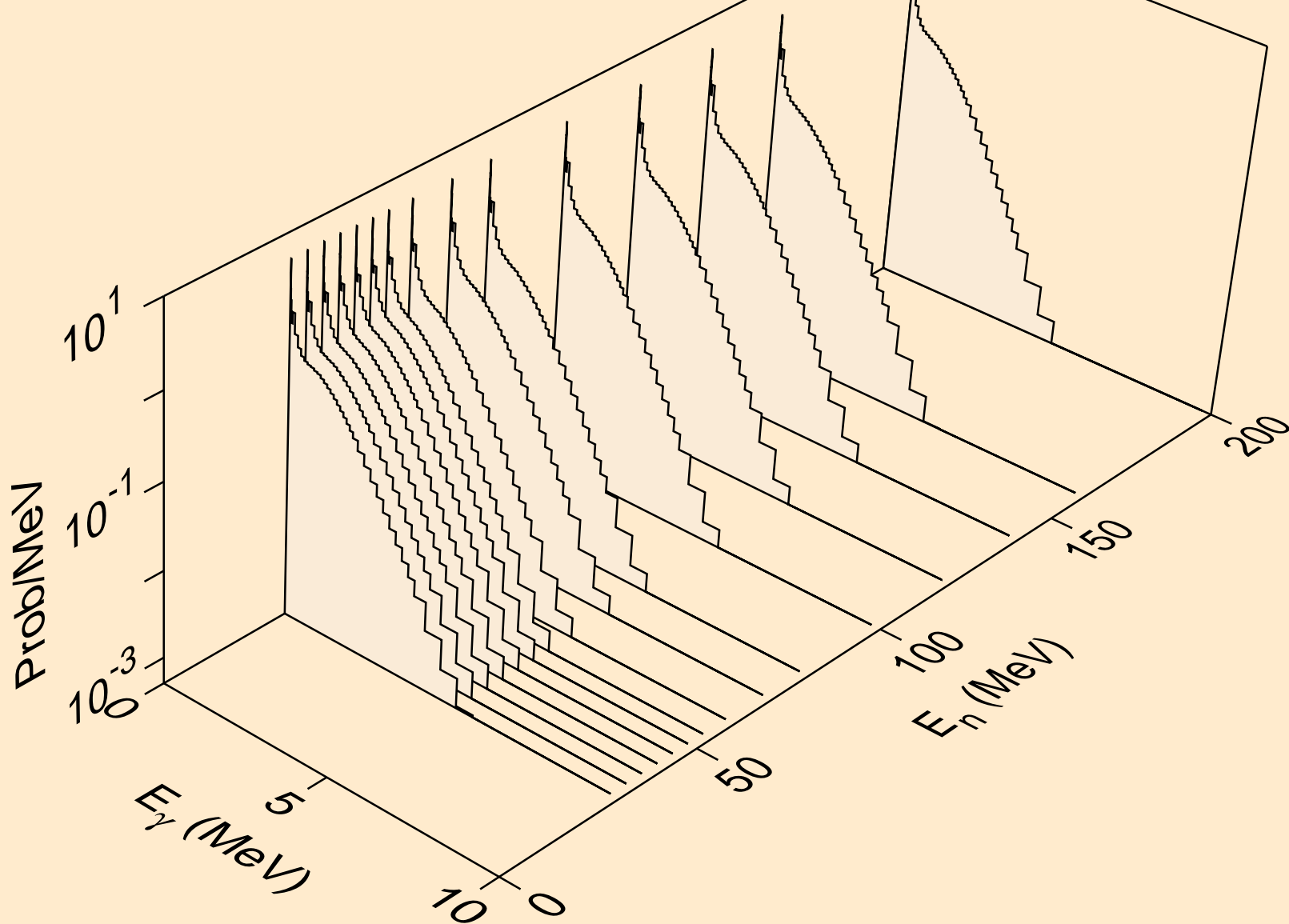


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

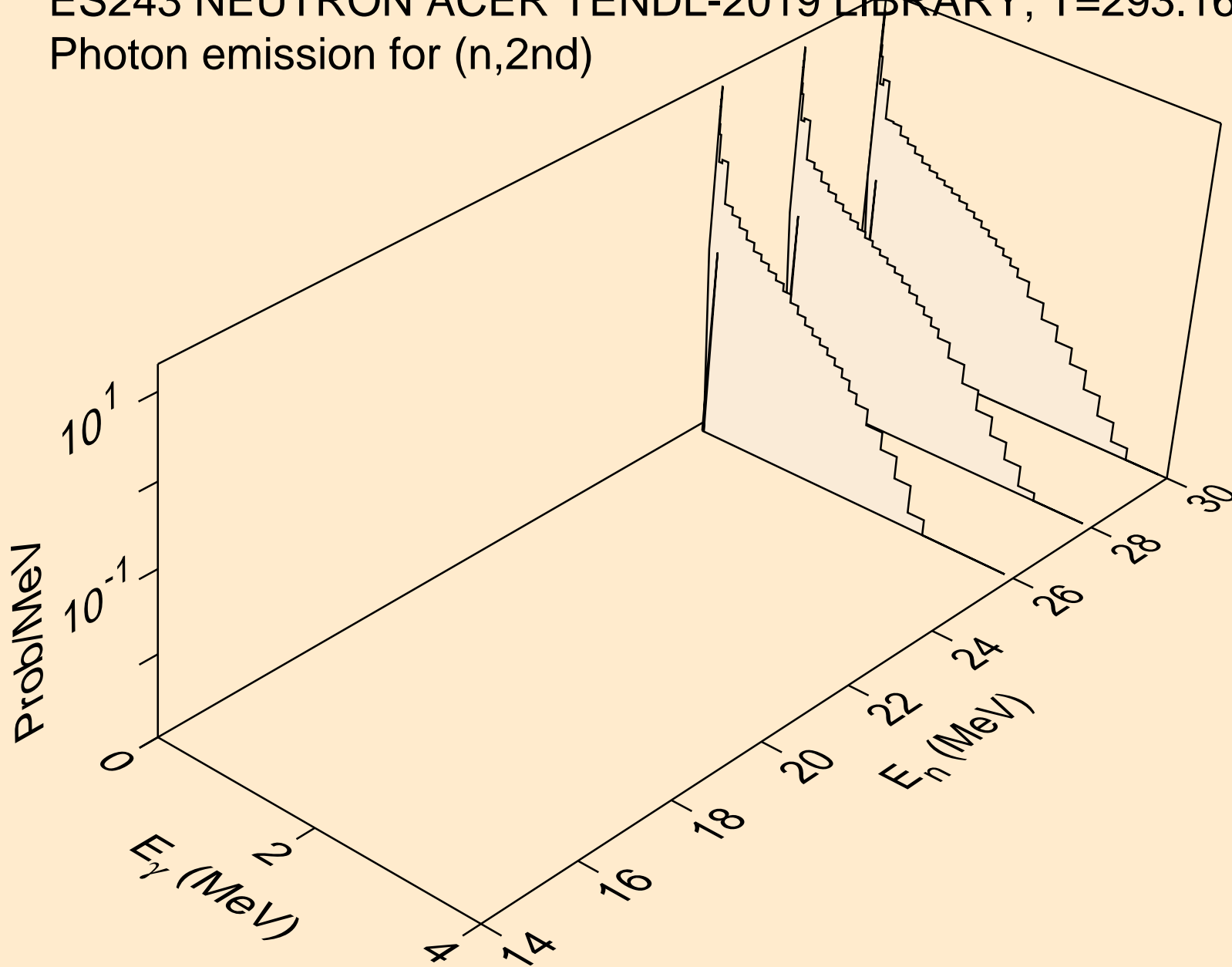
Delayed neutron spectra



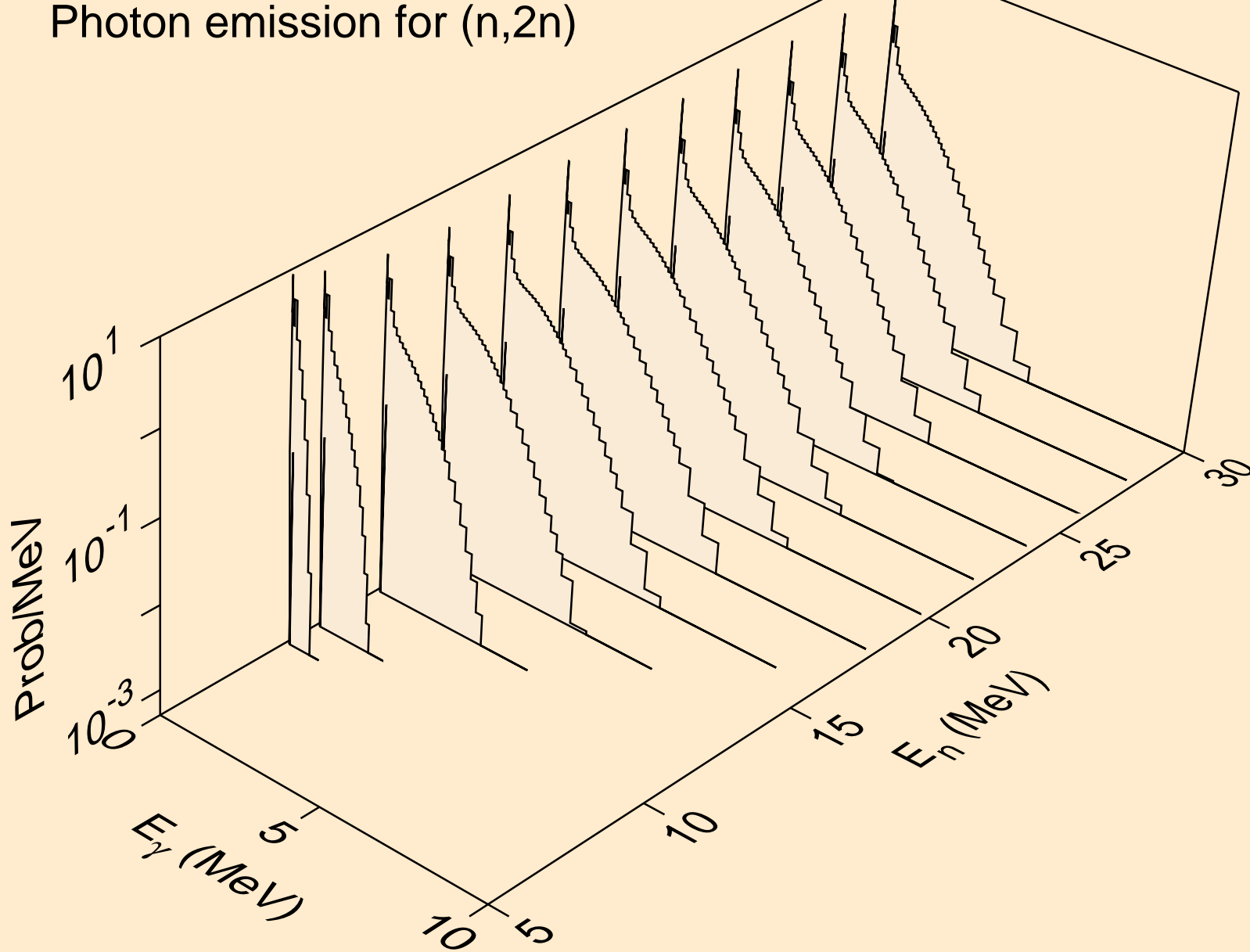
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



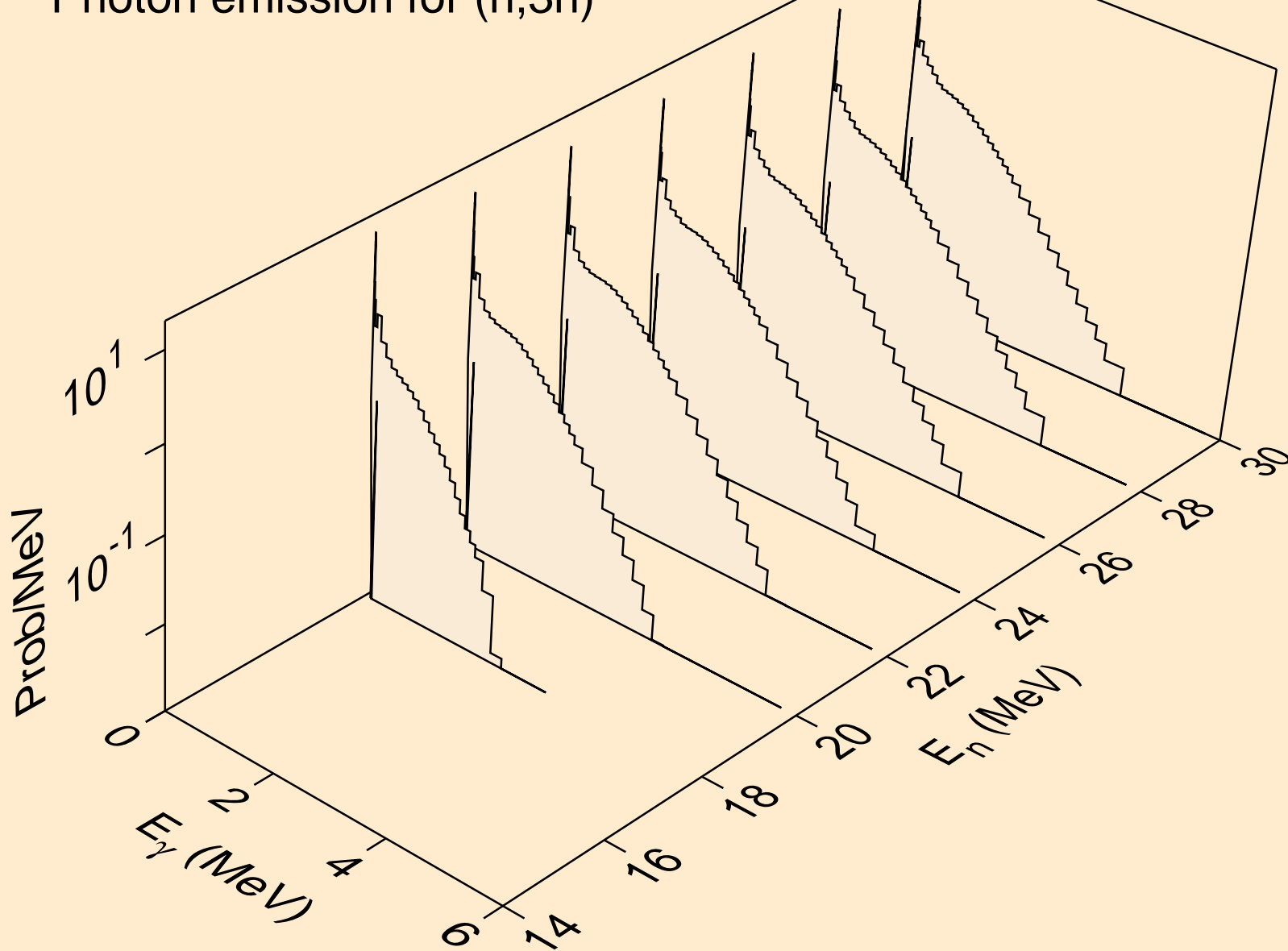
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



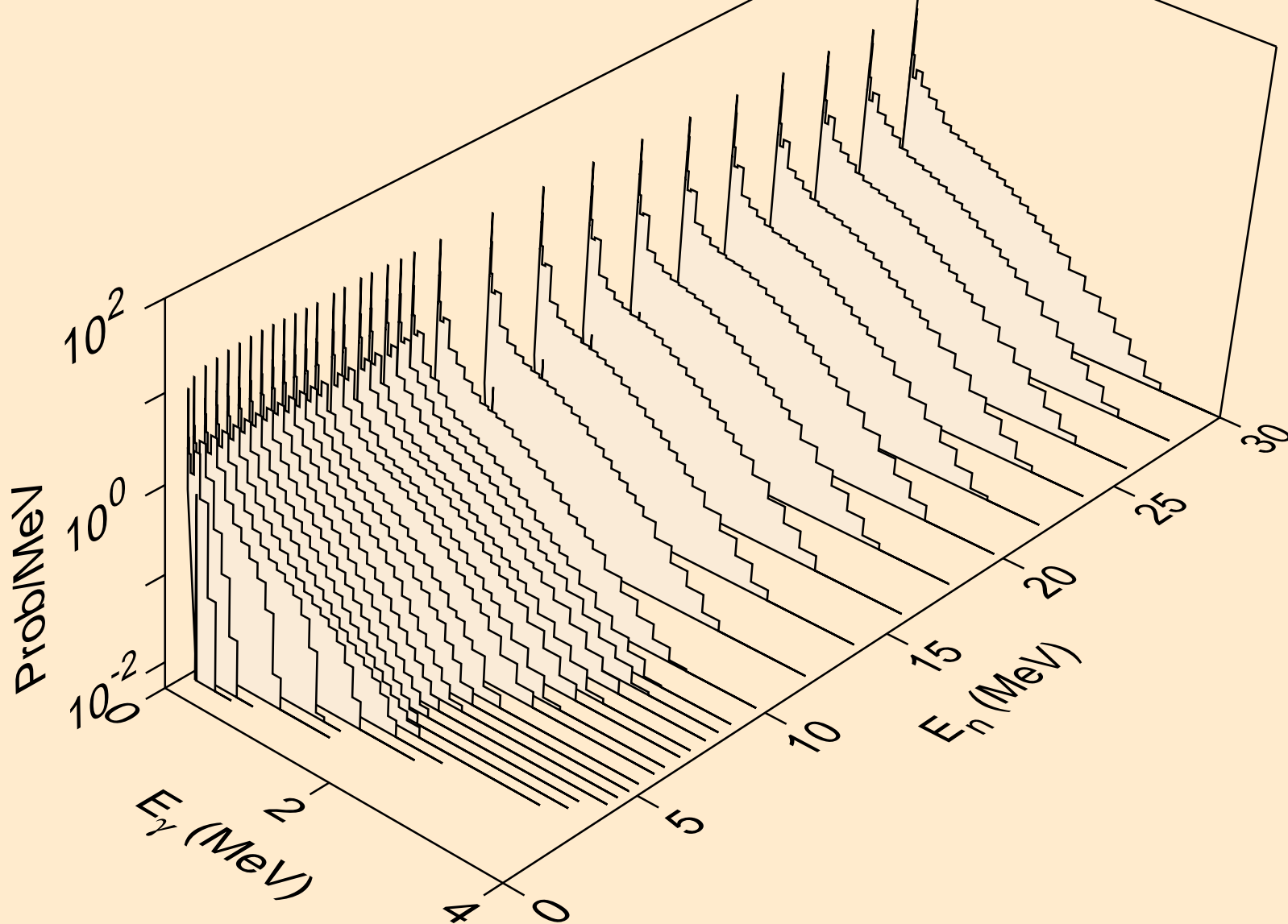
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



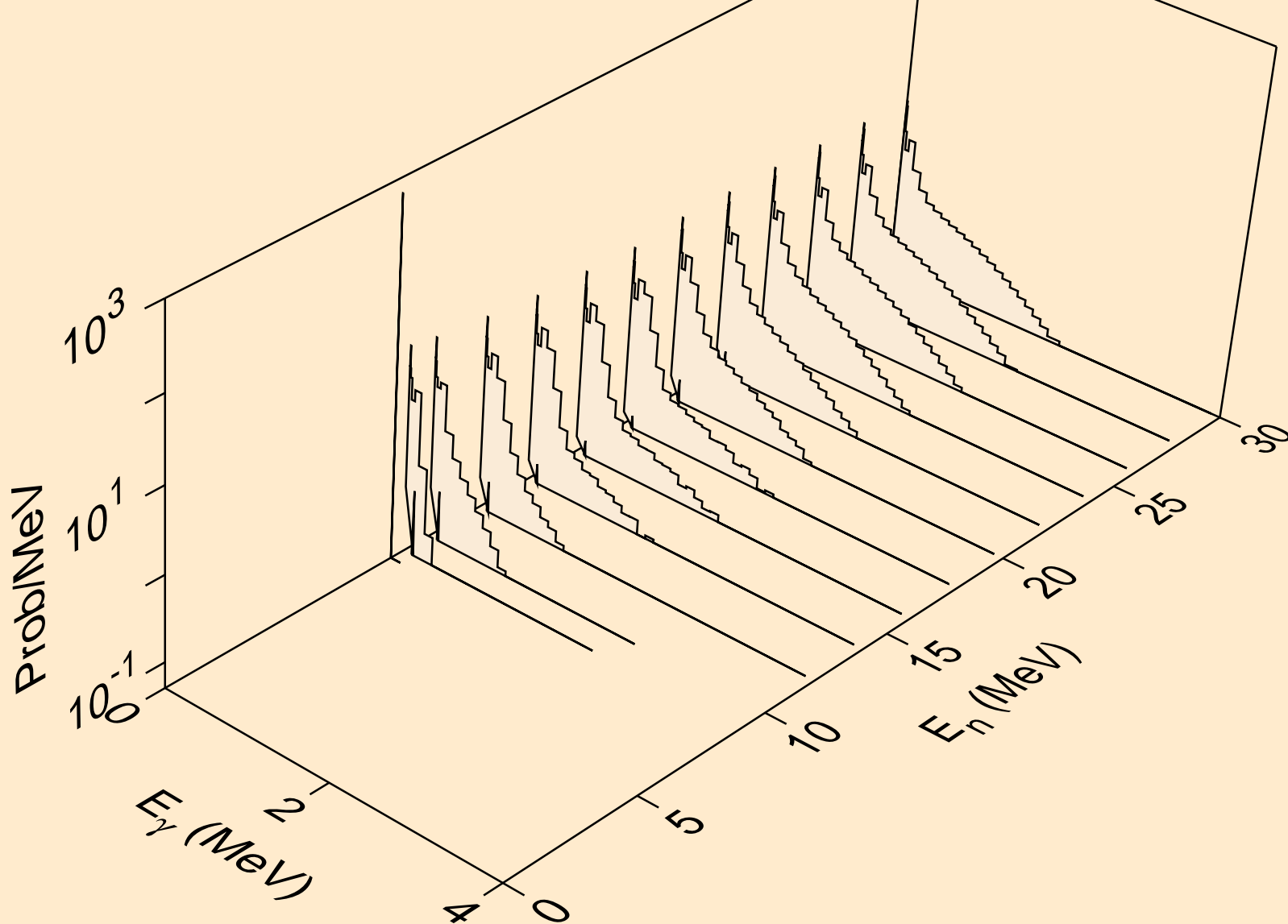
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



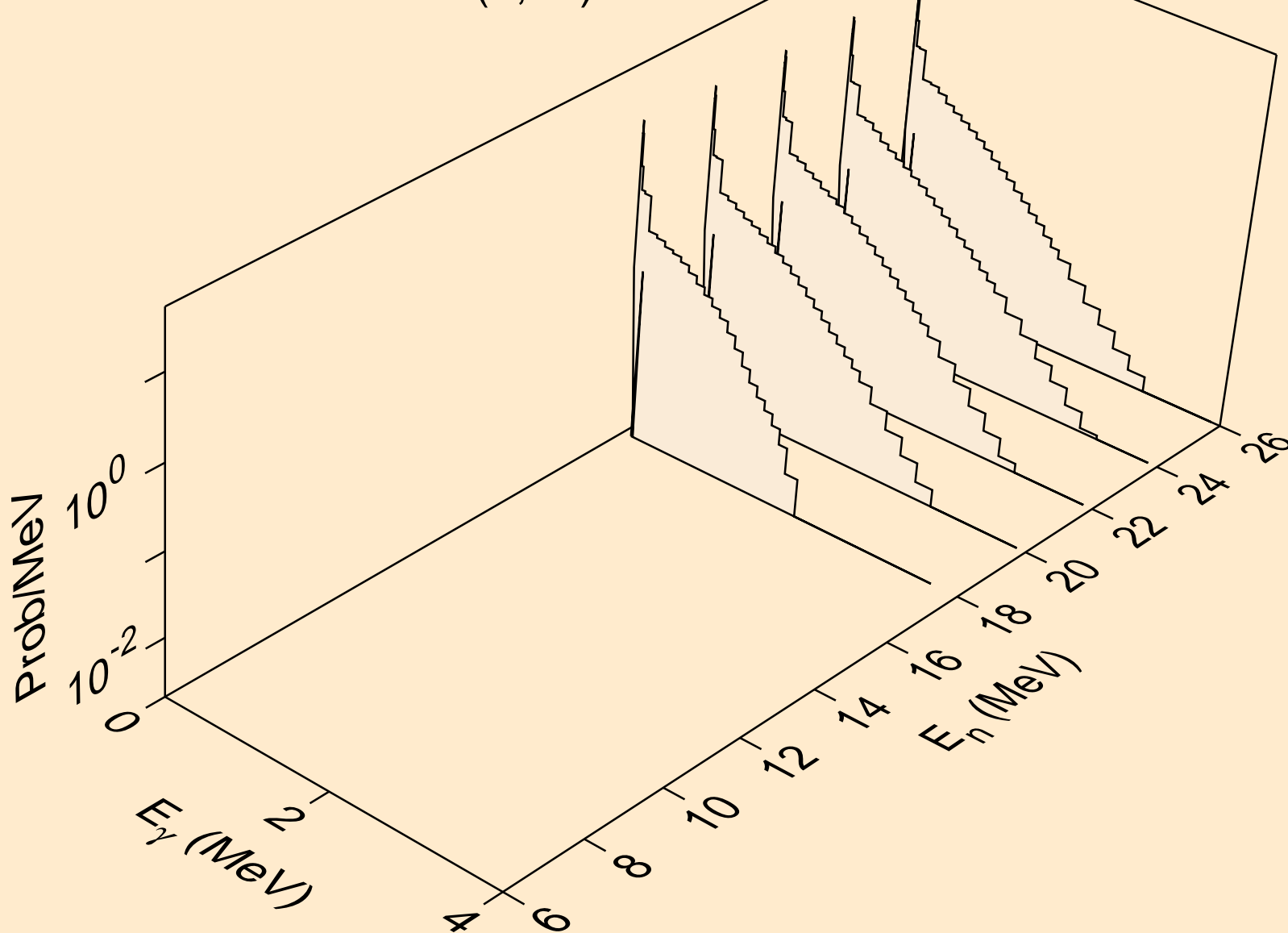
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



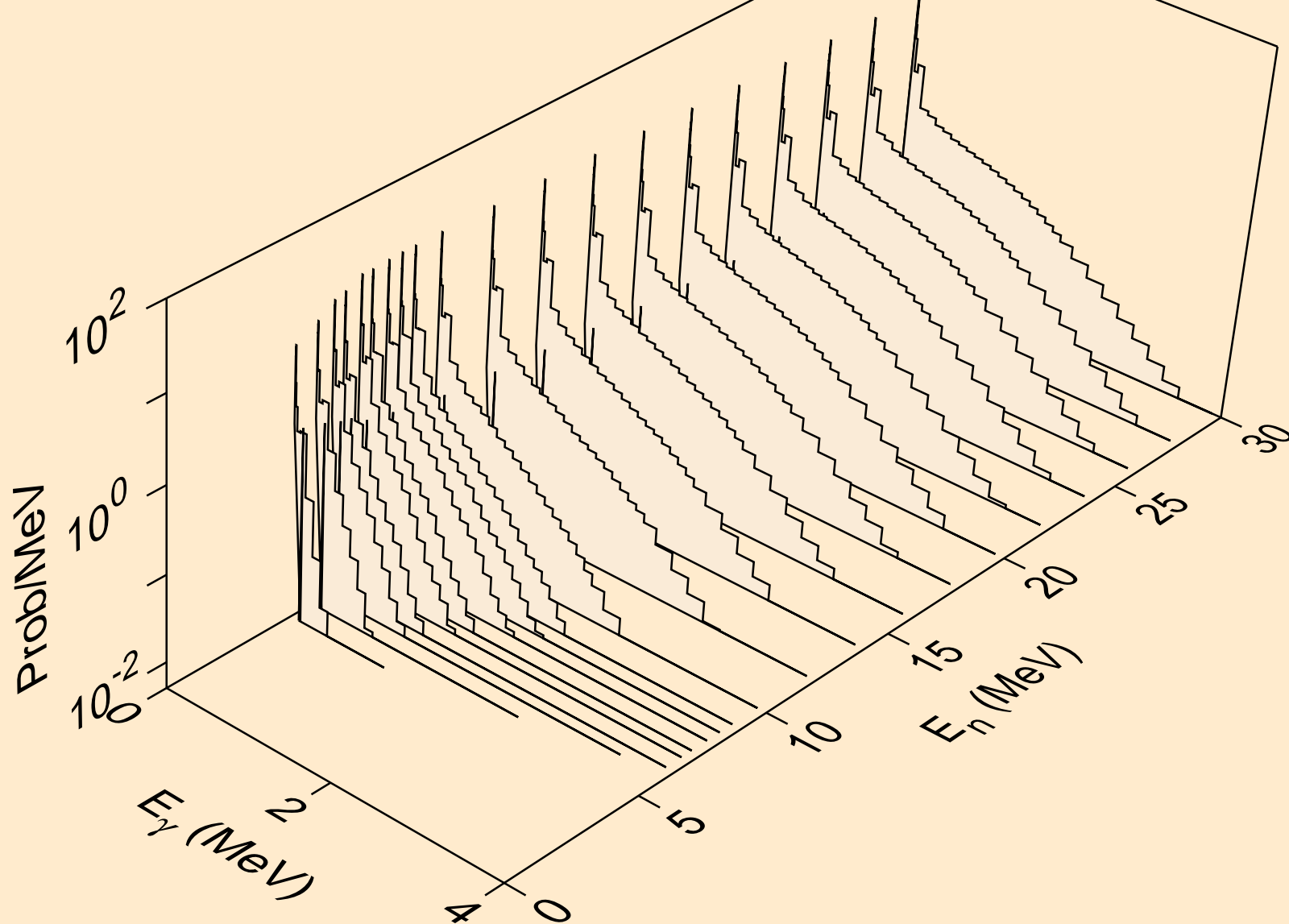
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



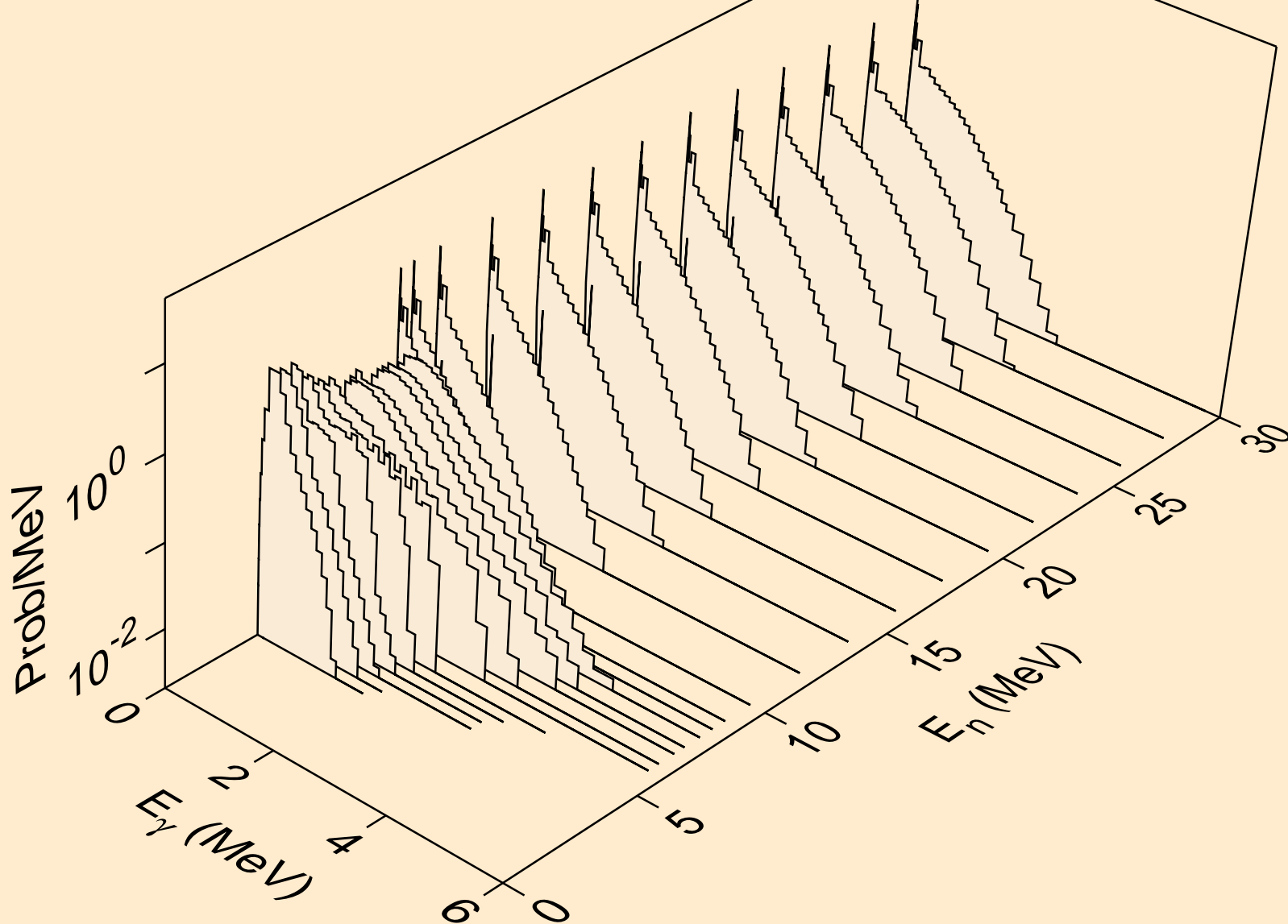
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



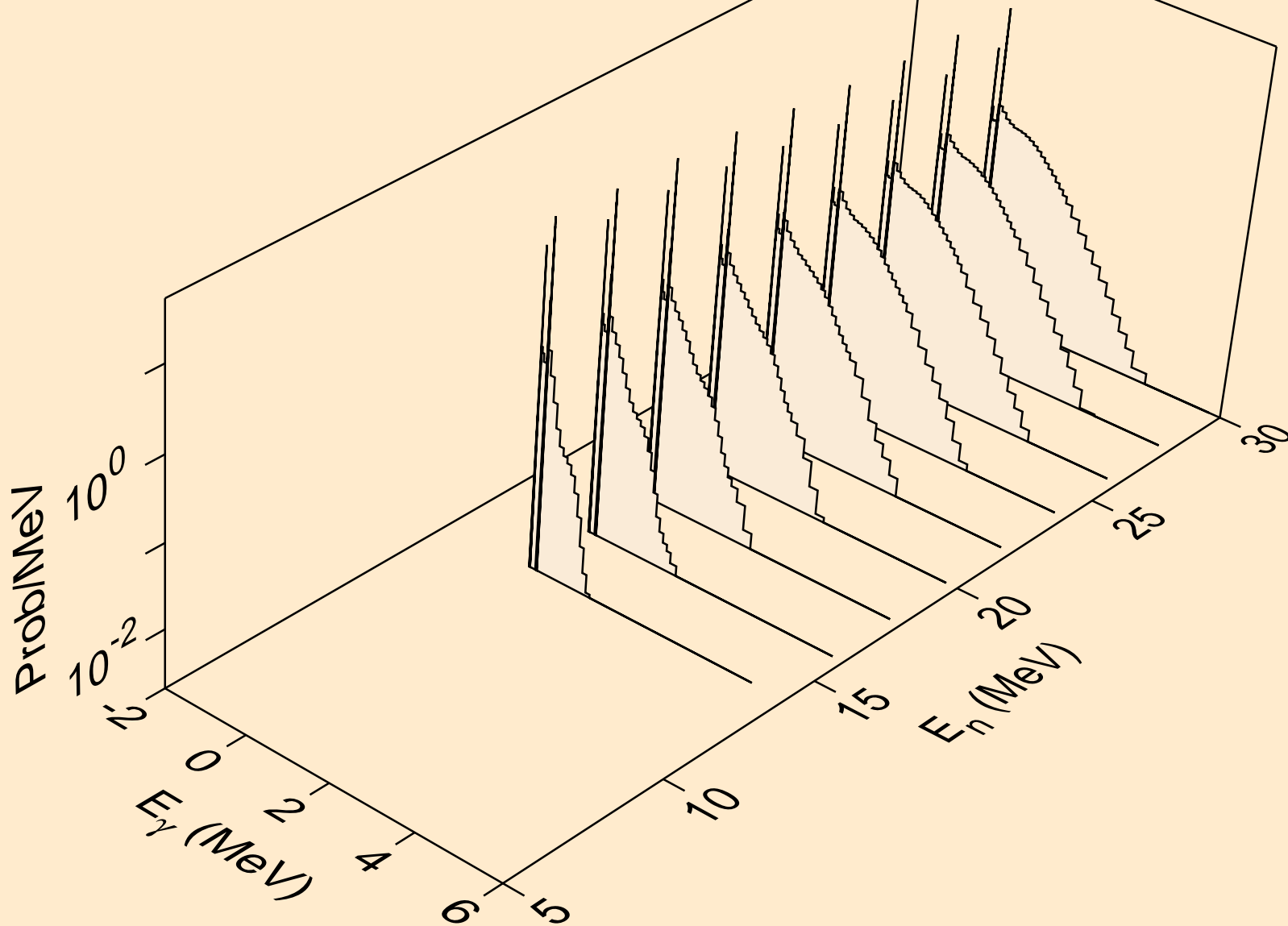
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



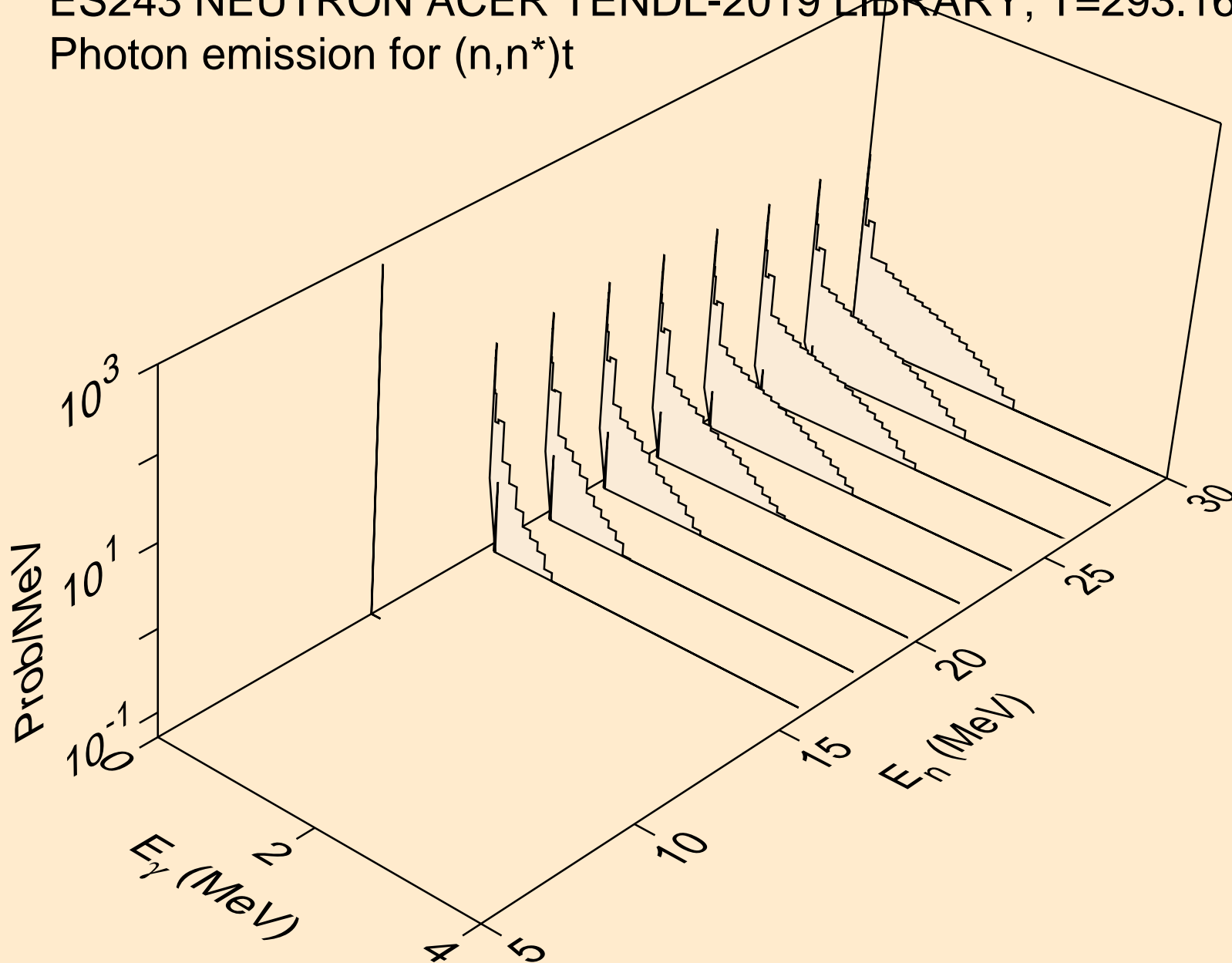
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



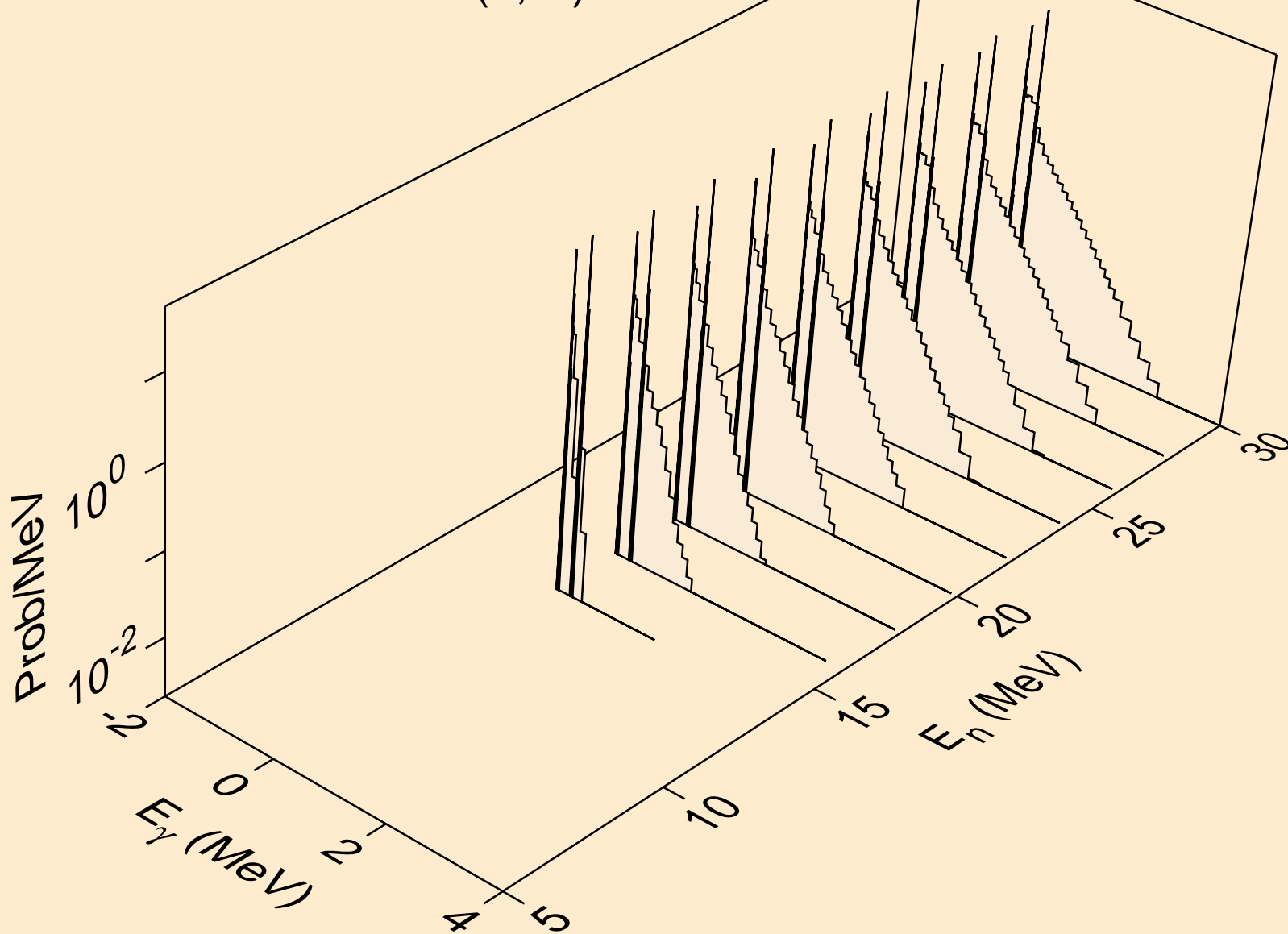
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



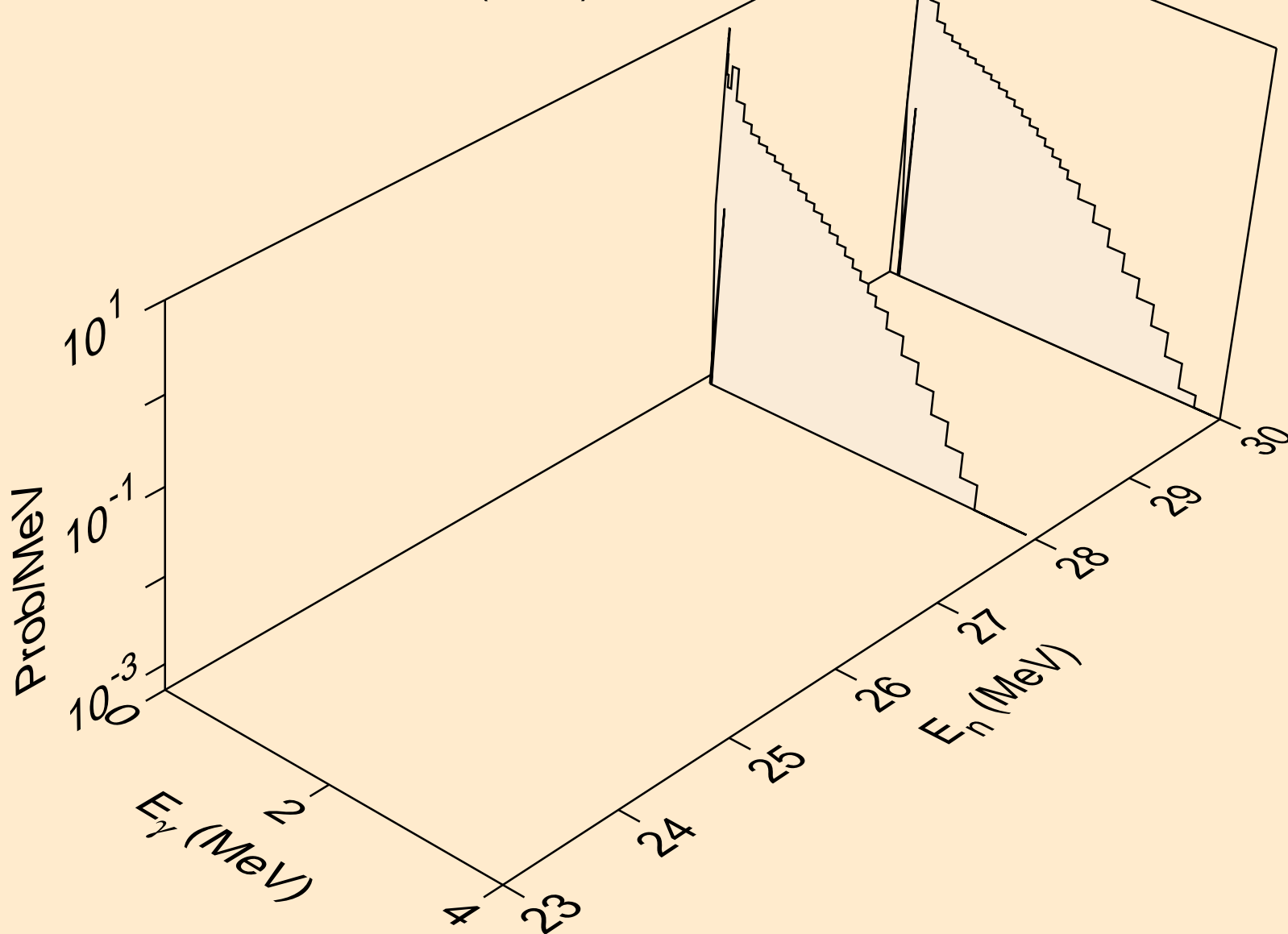
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



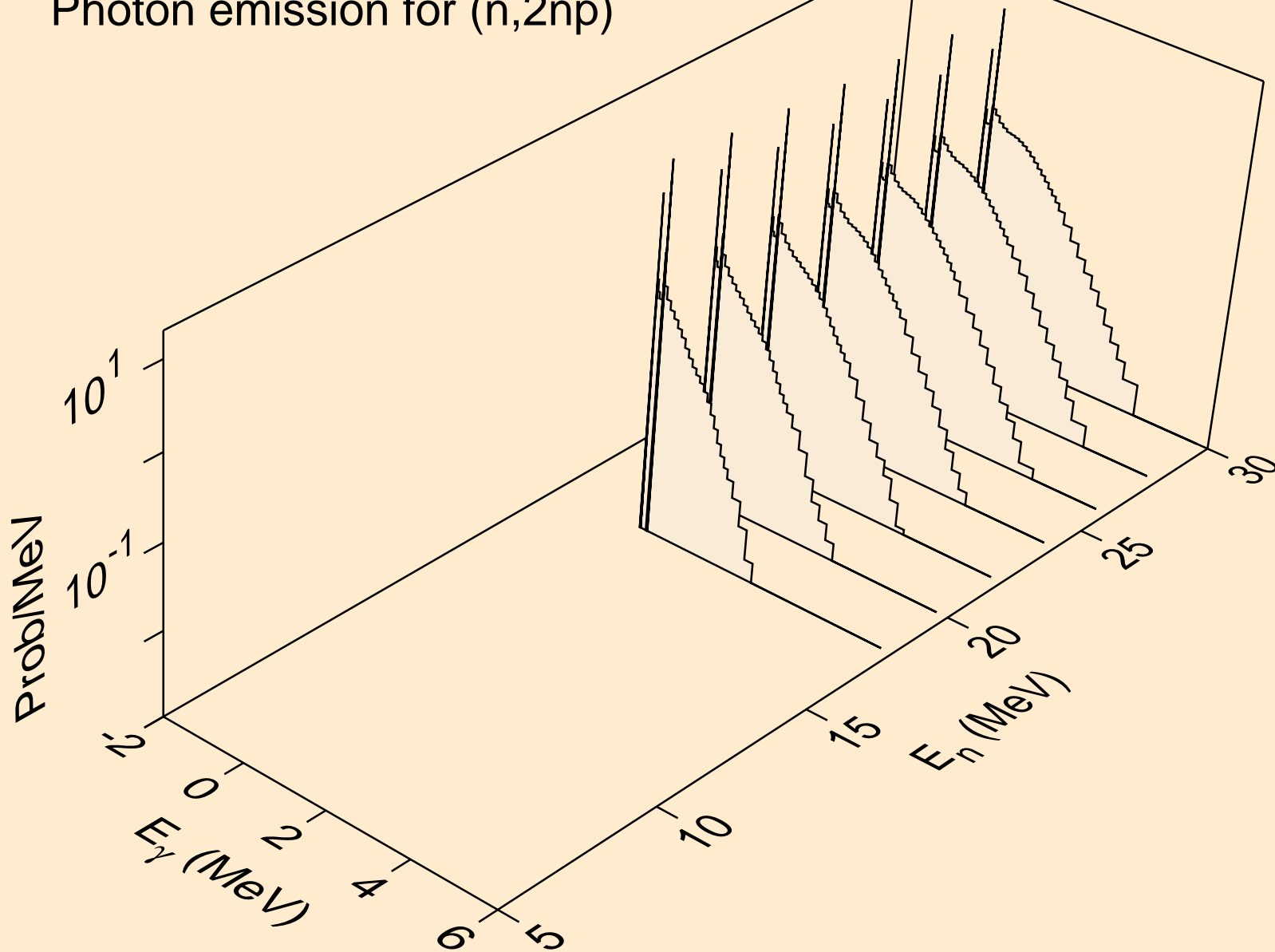
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



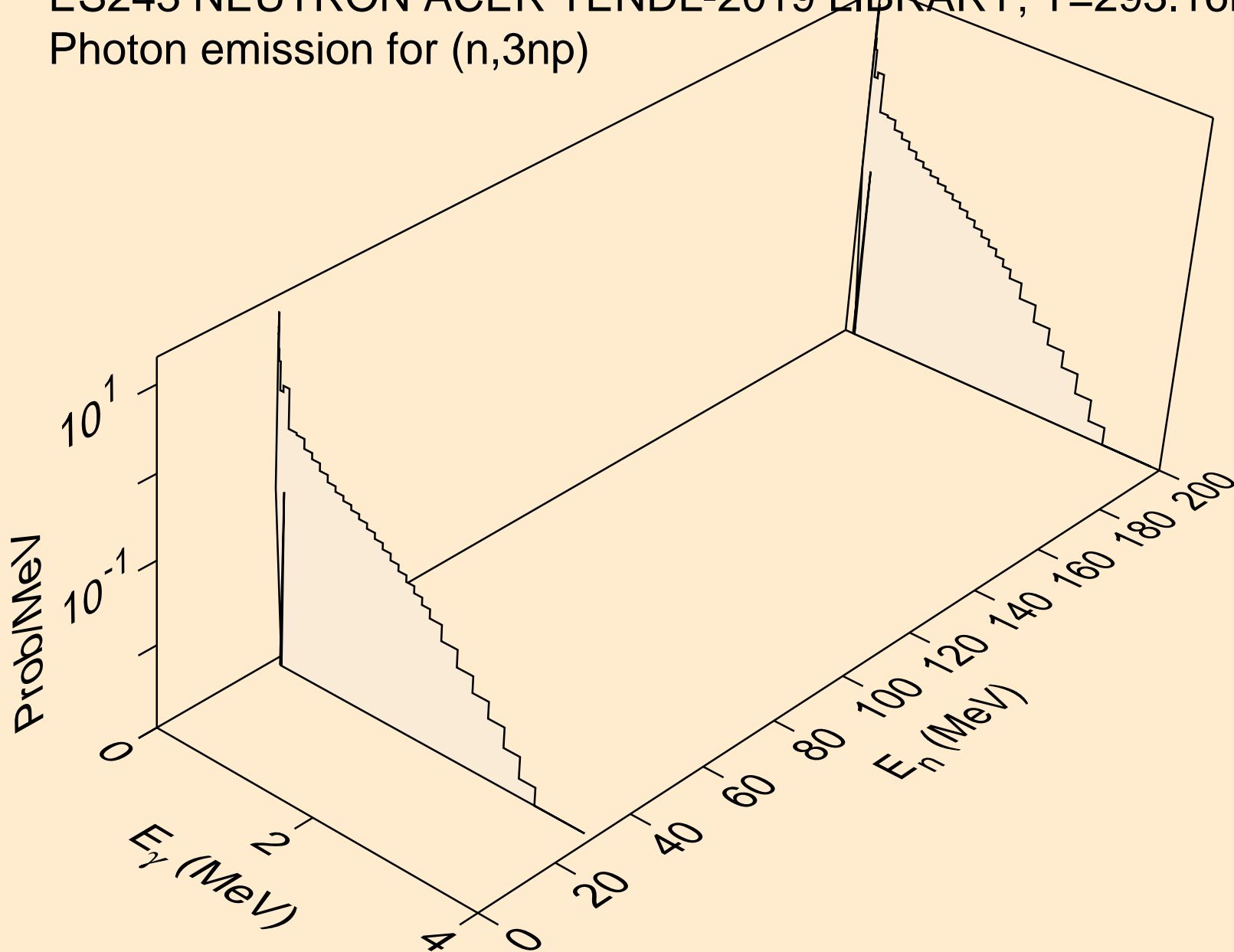
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



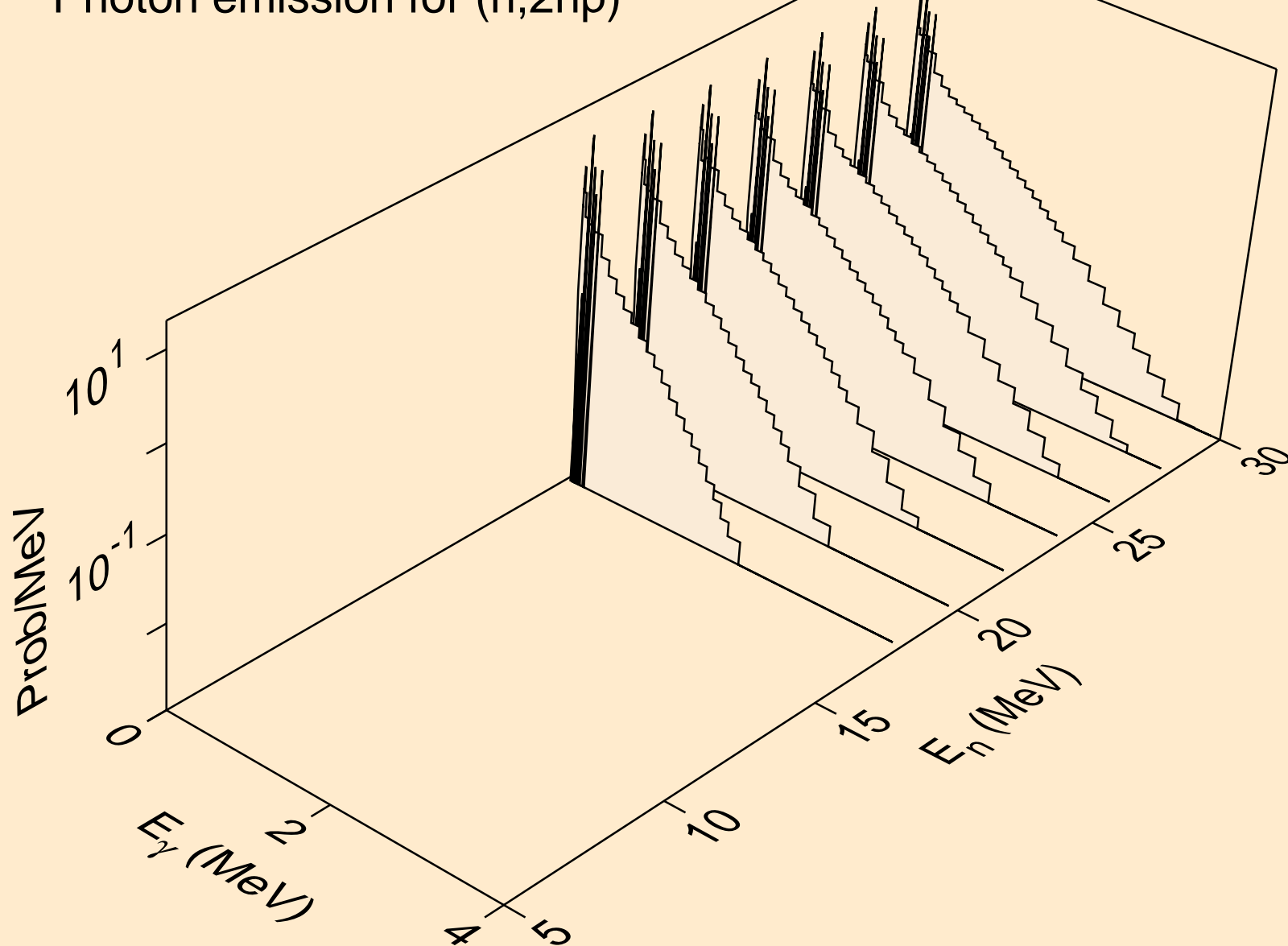
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



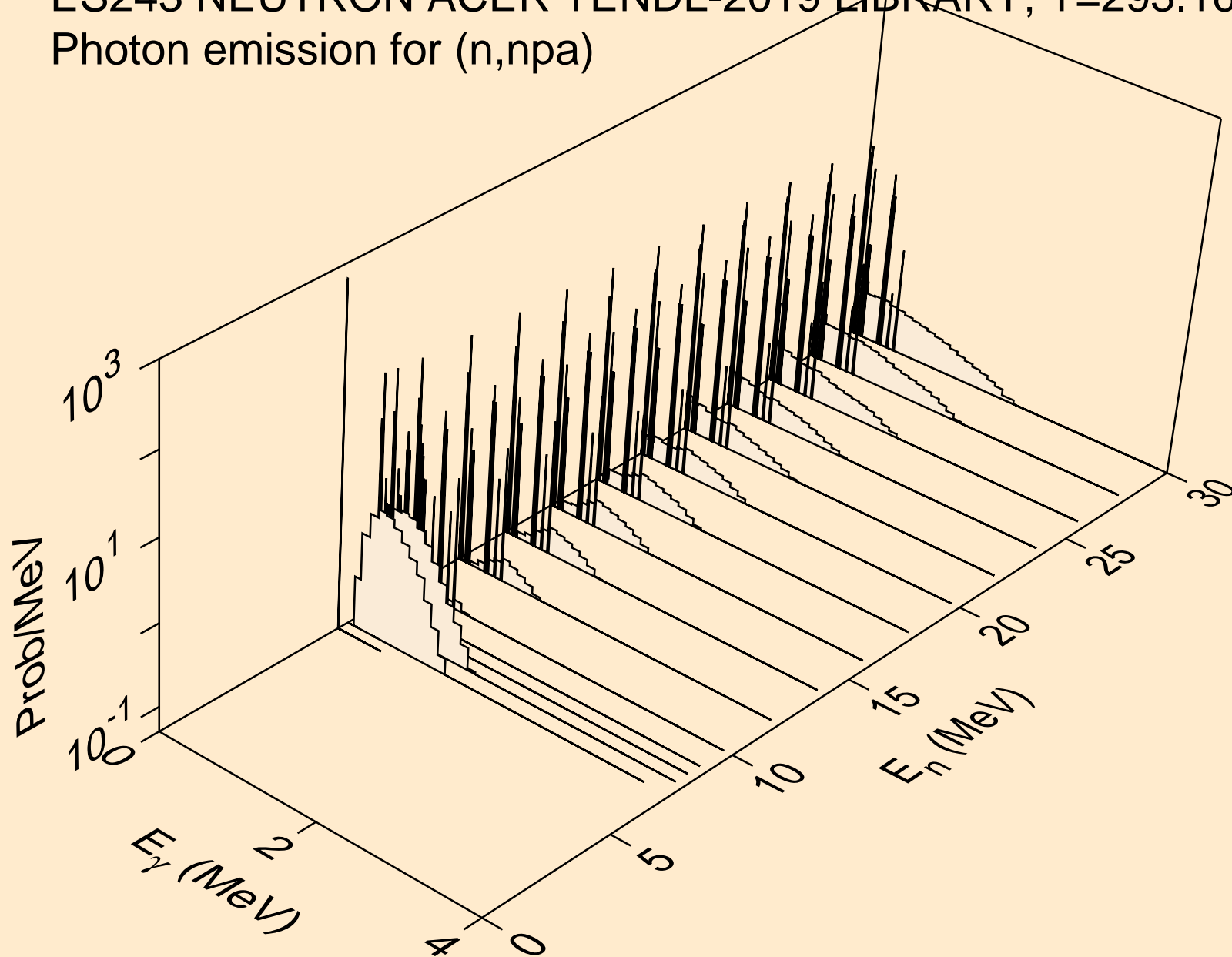
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



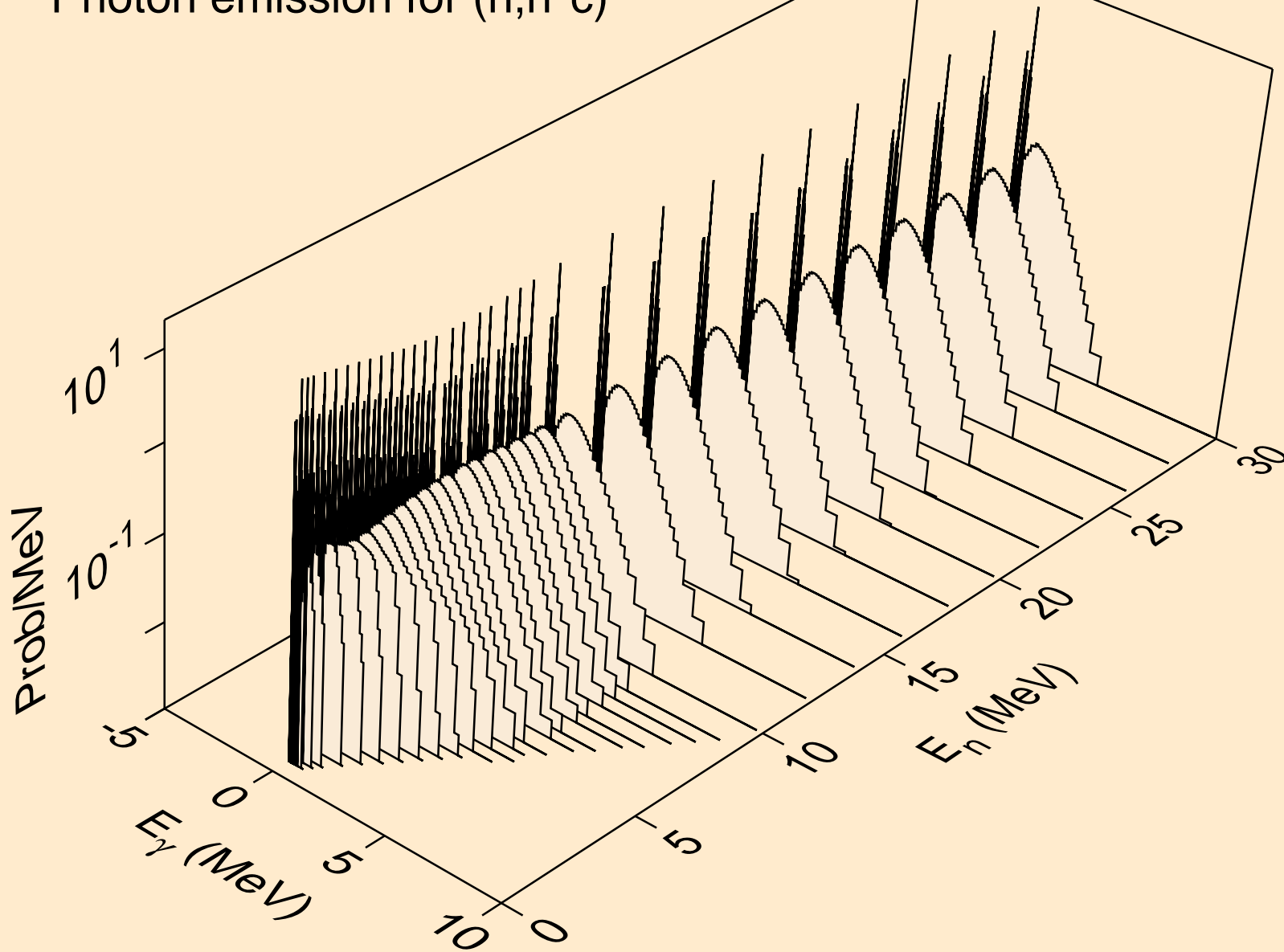
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



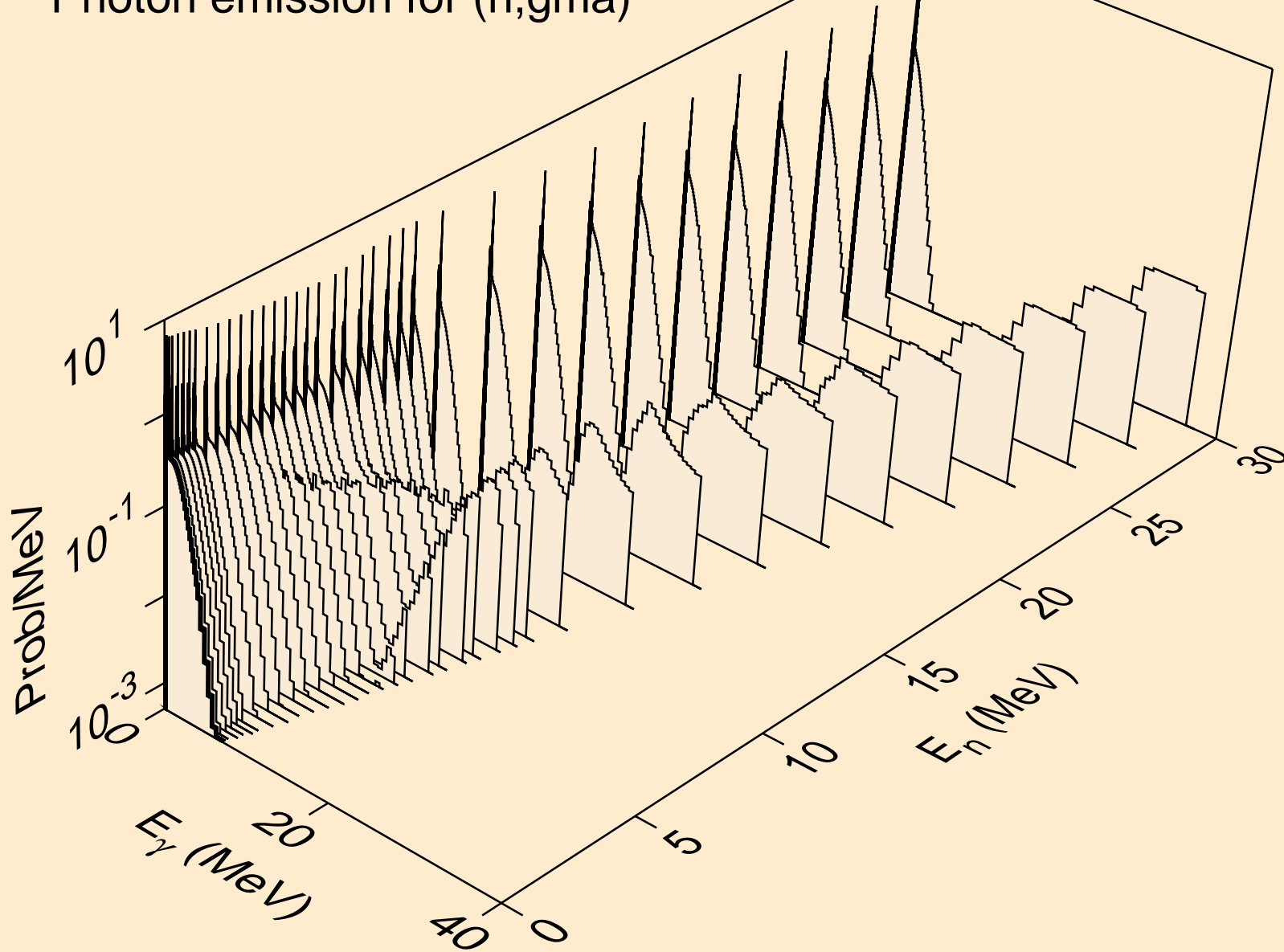
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



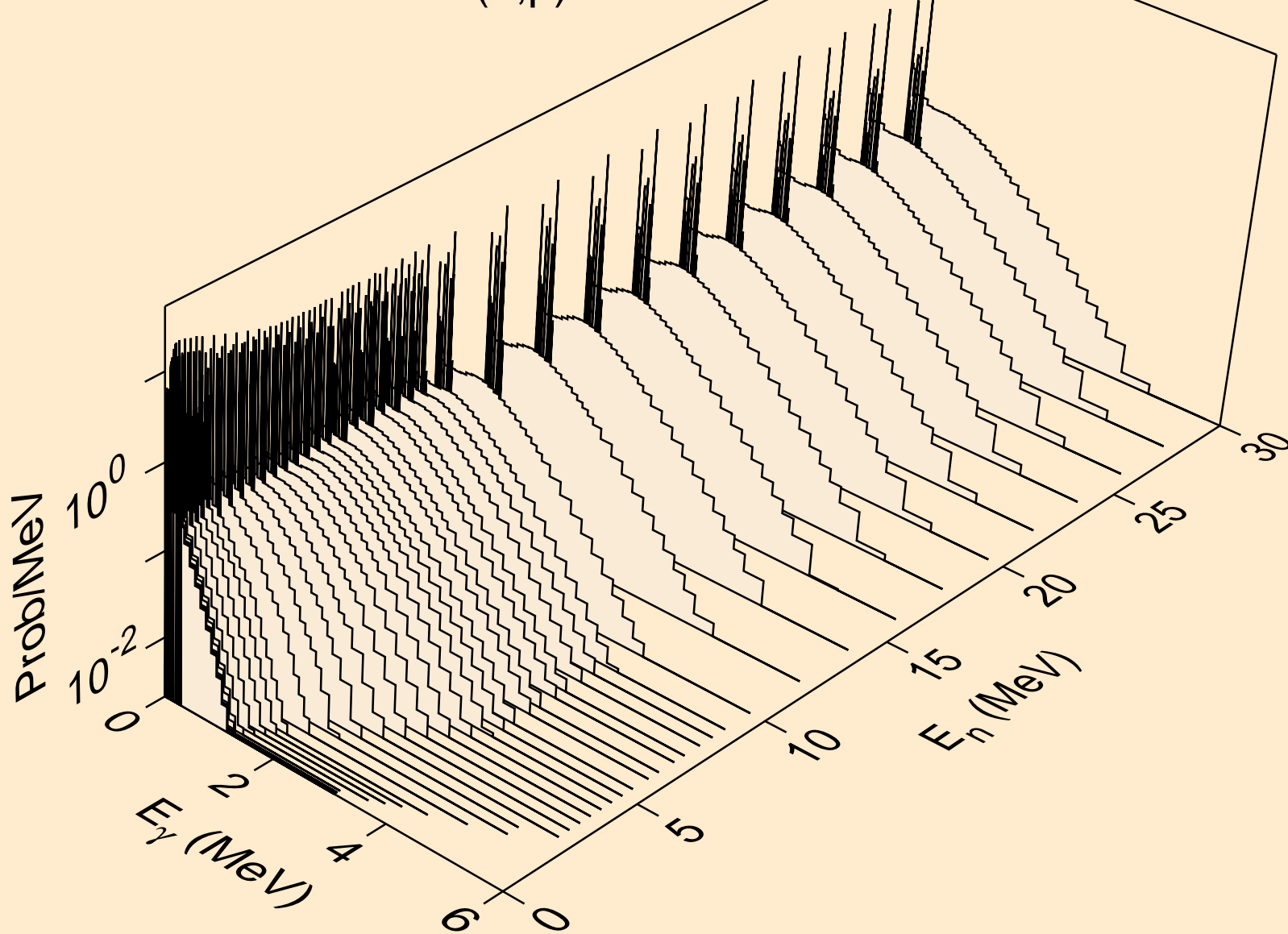
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



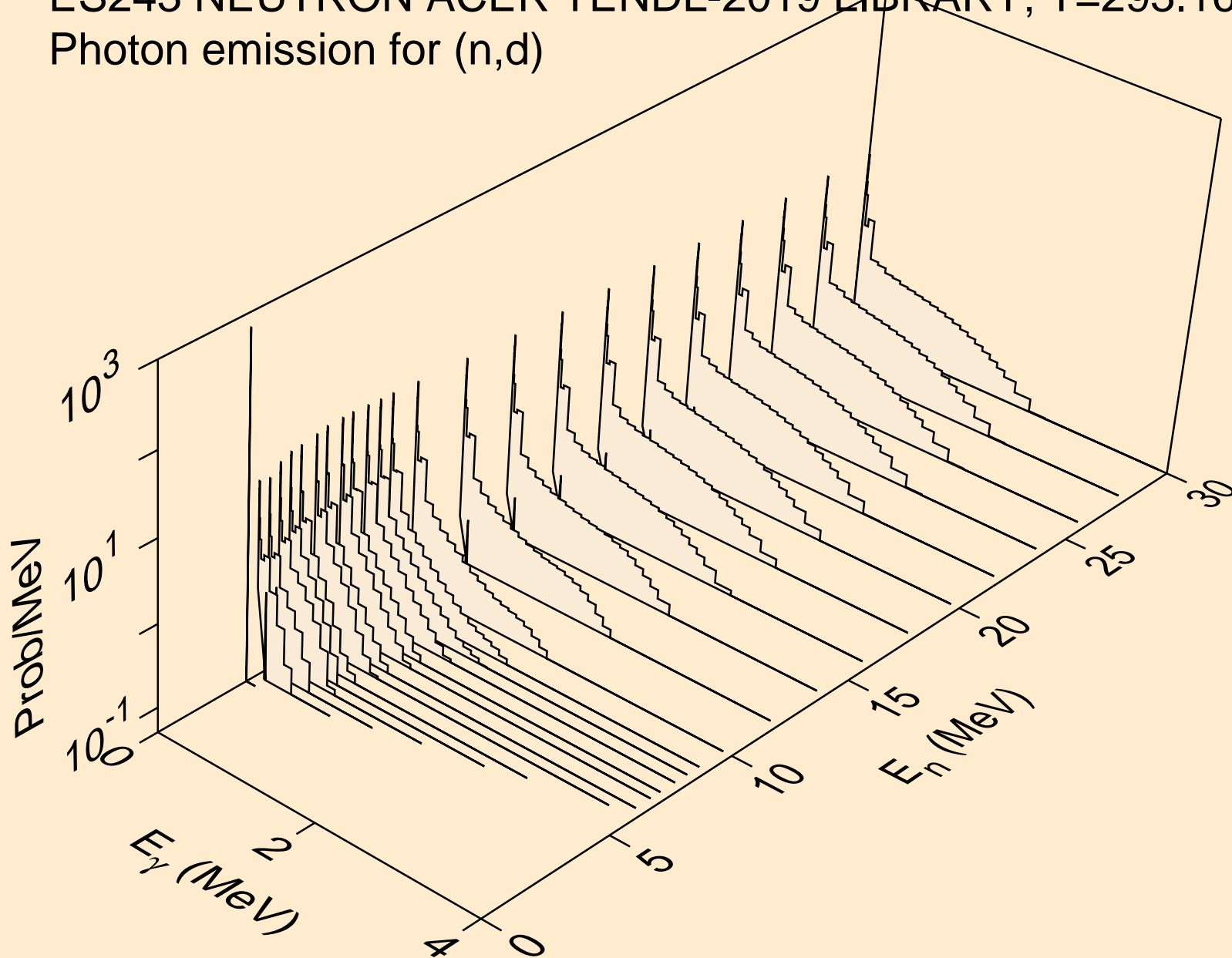
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



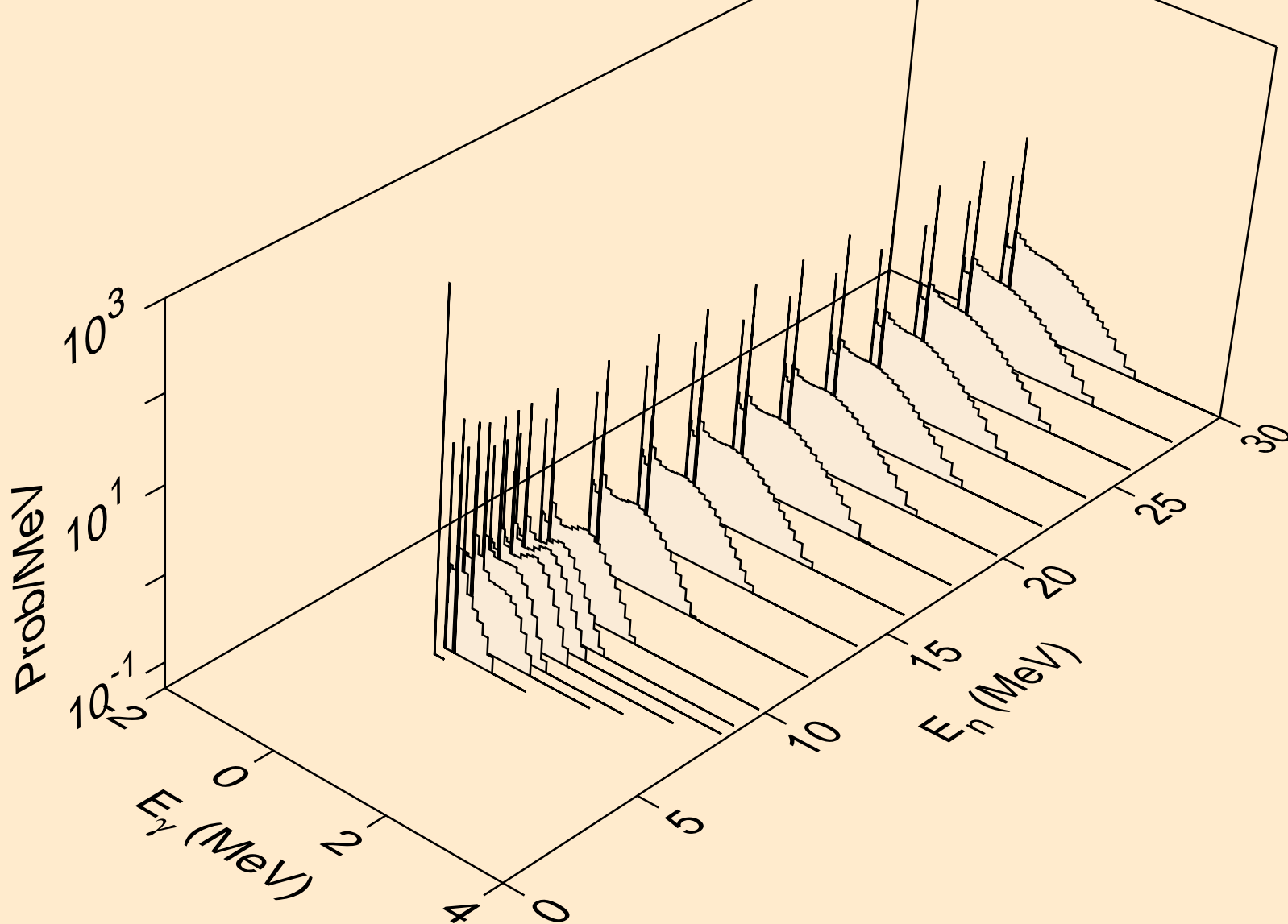
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



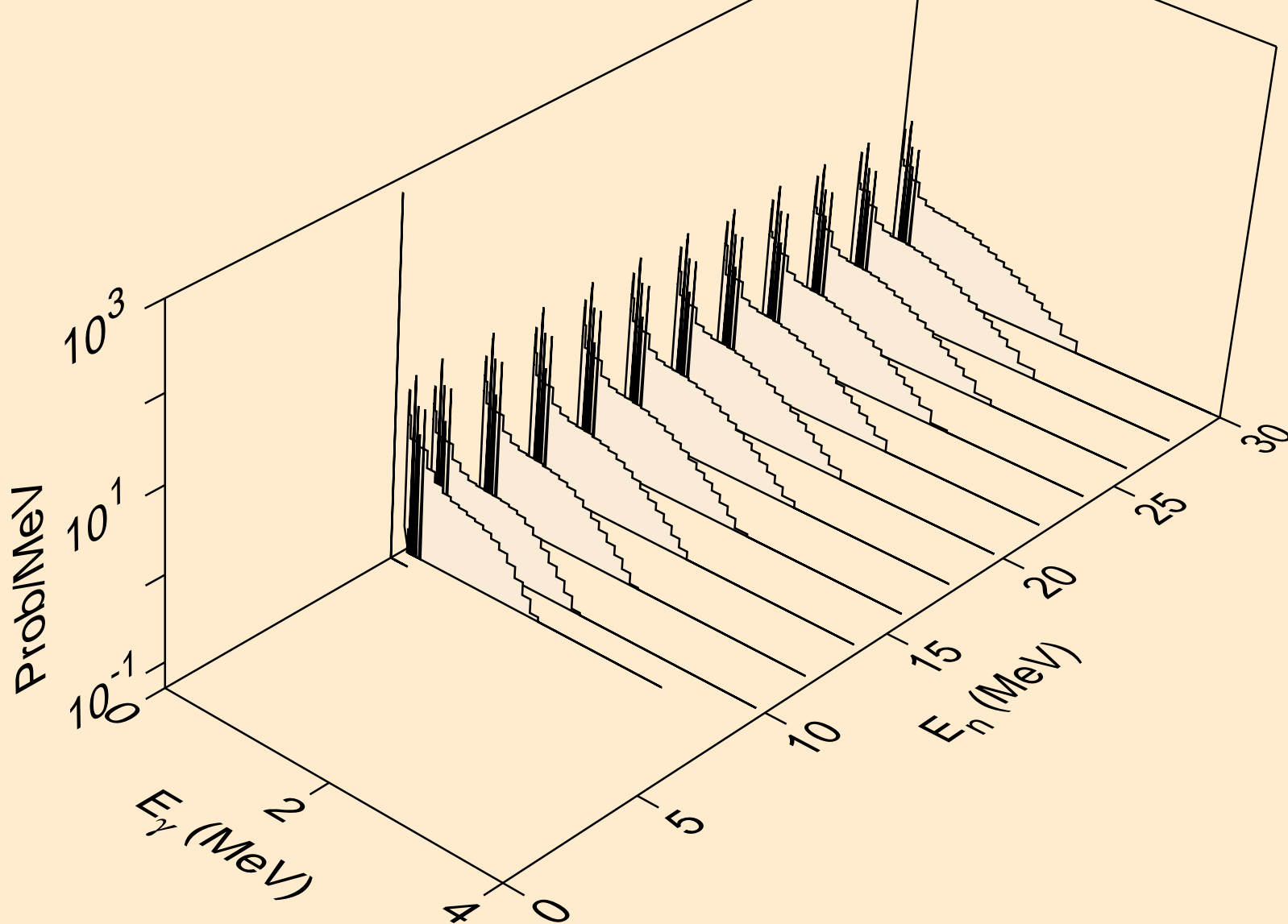
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



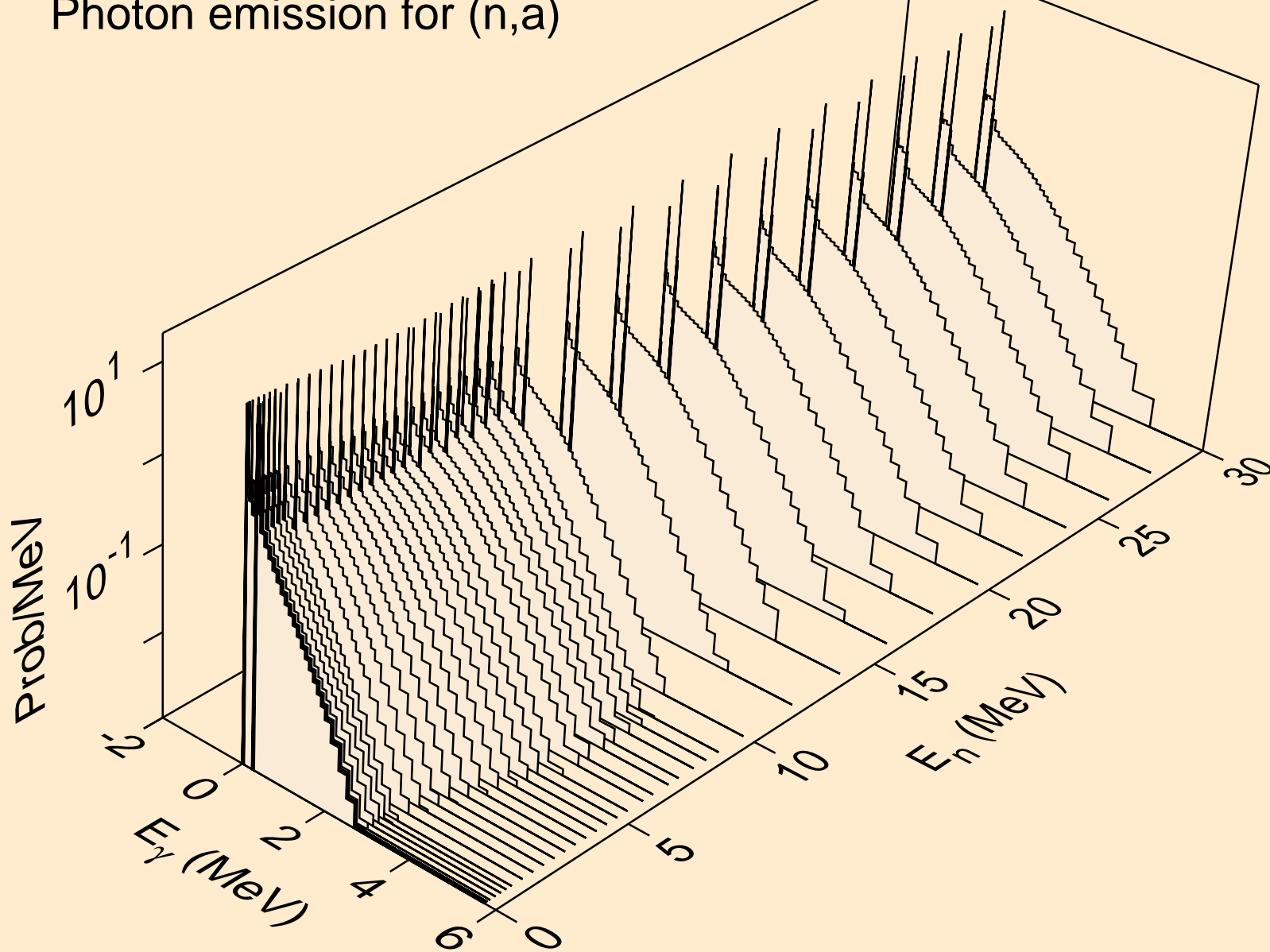
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



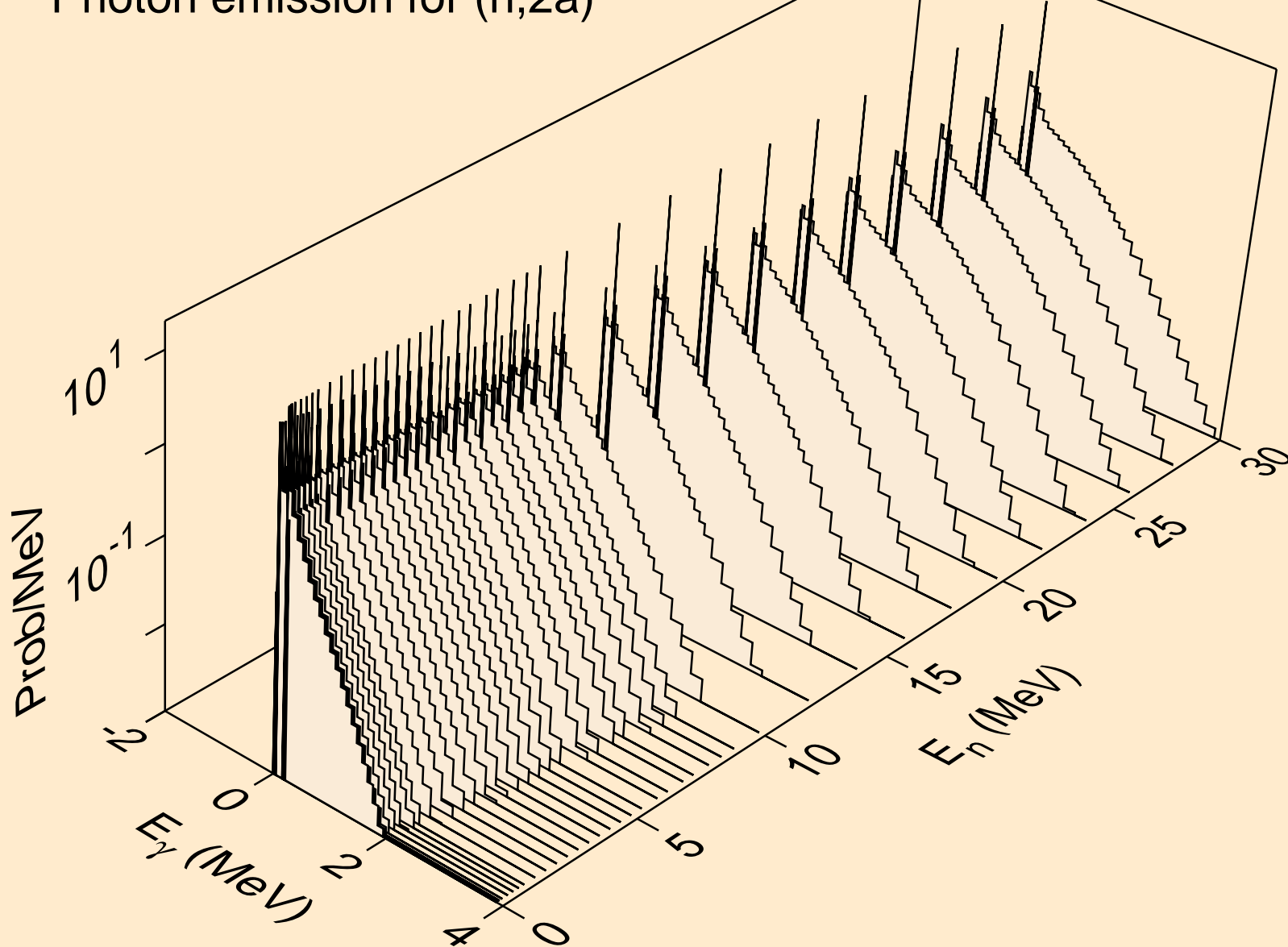
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



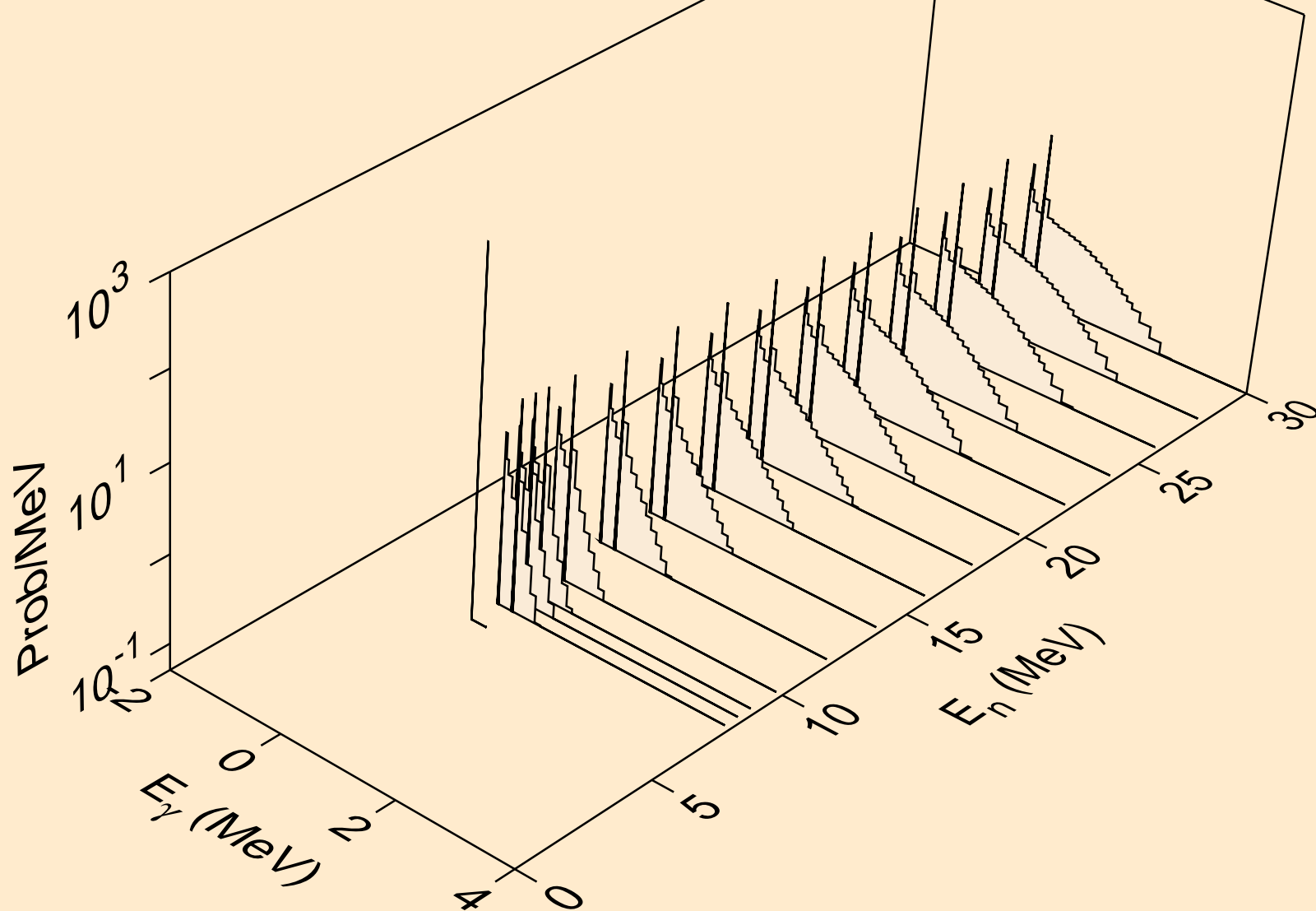
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



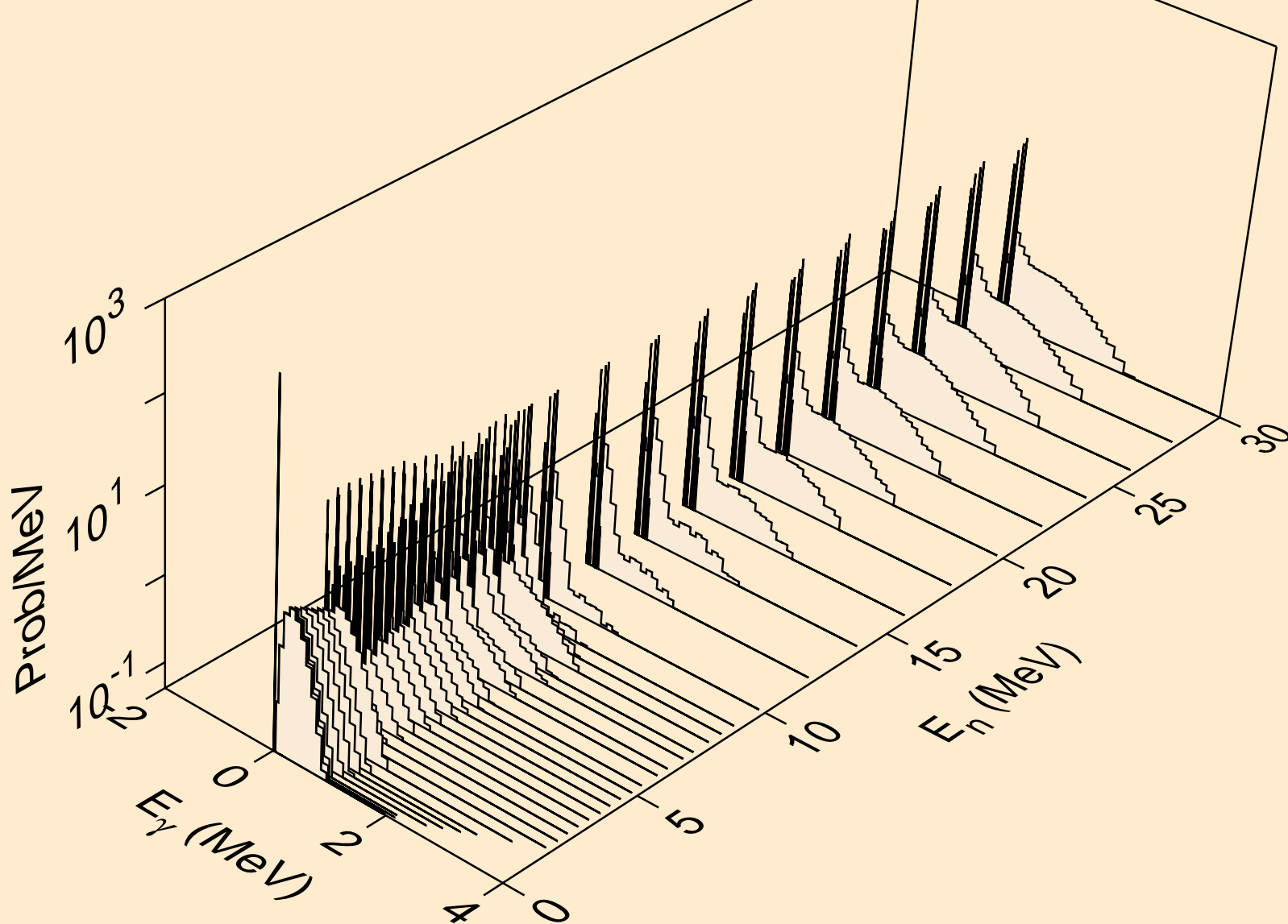
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



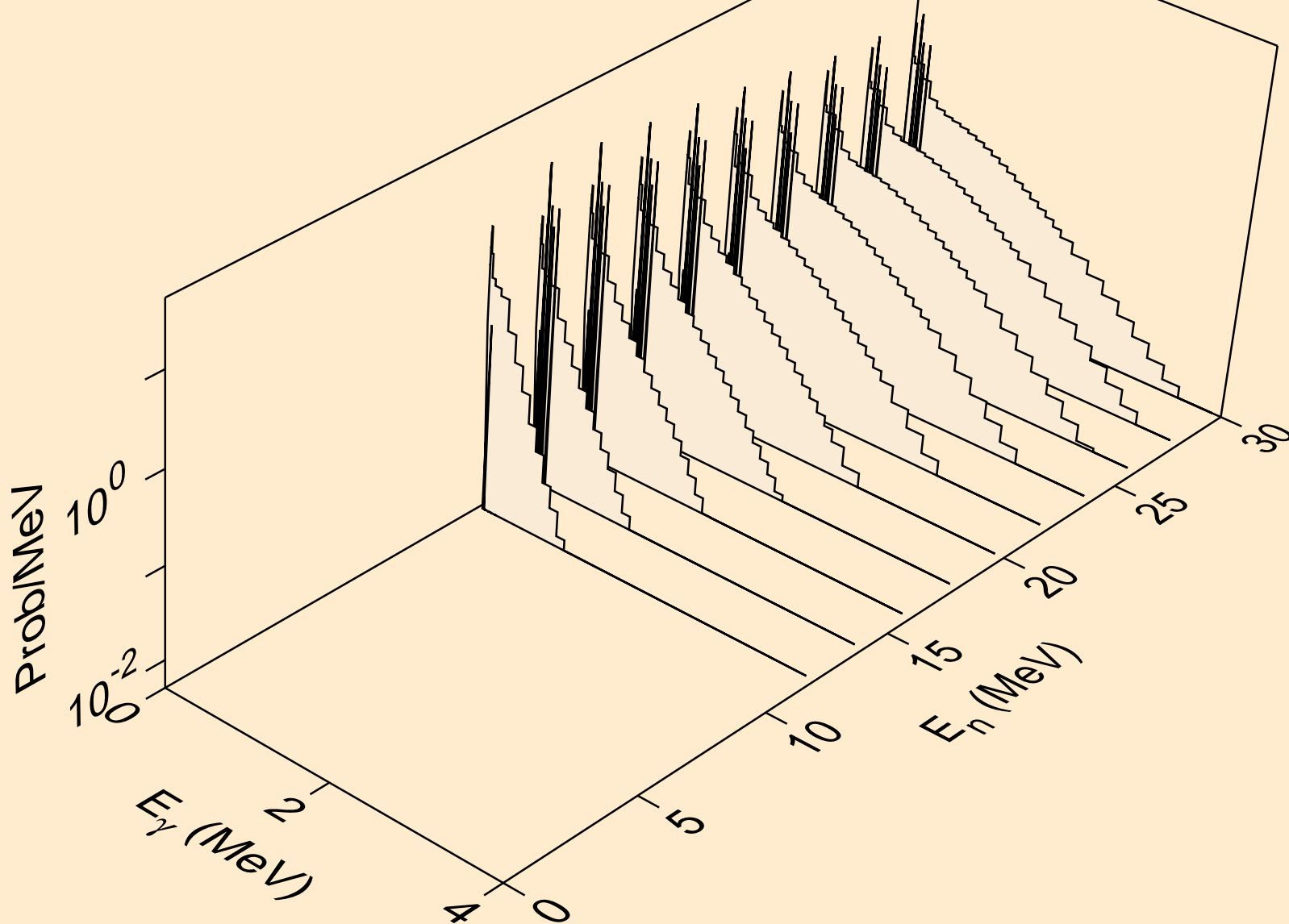
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



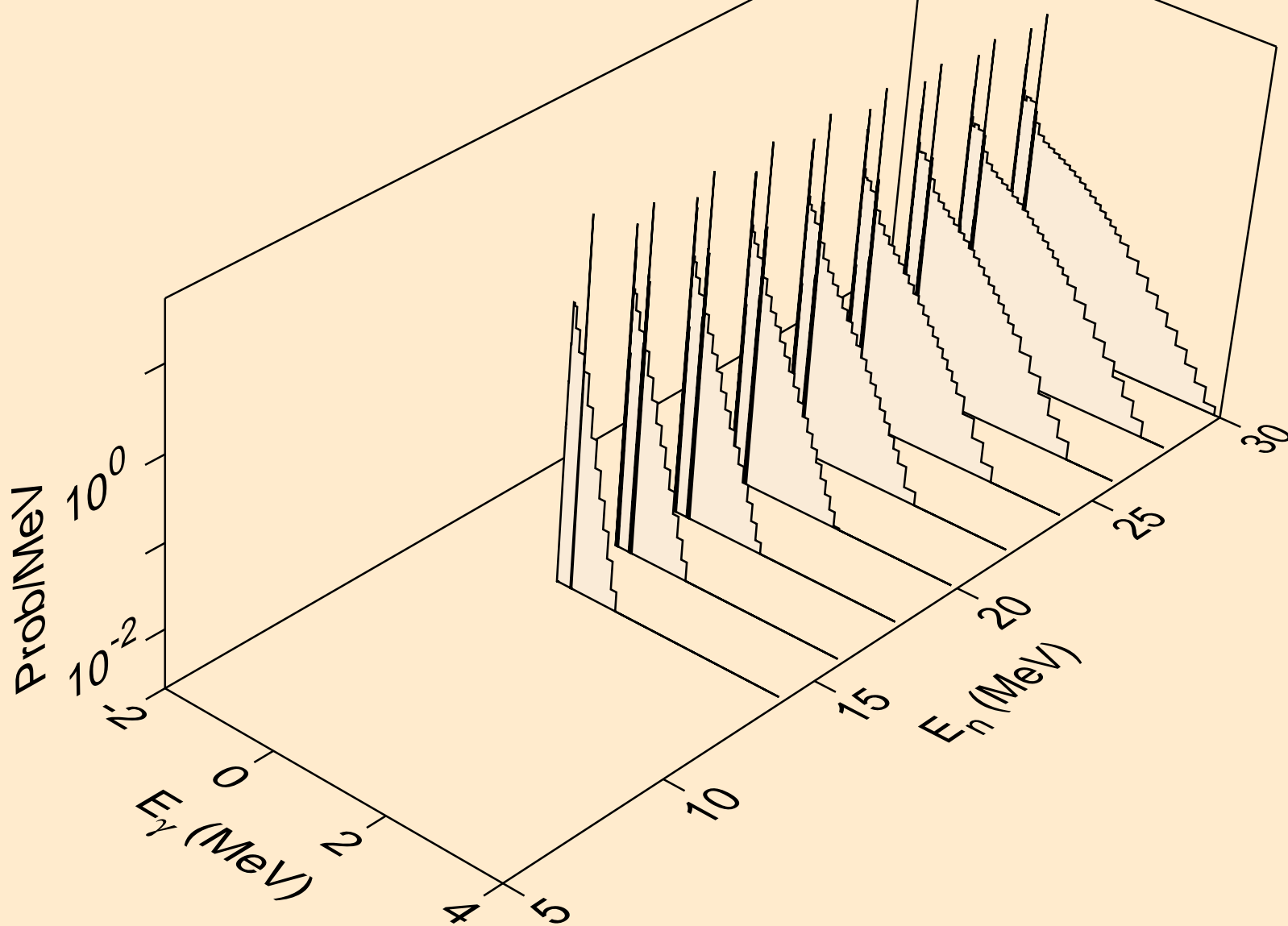
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



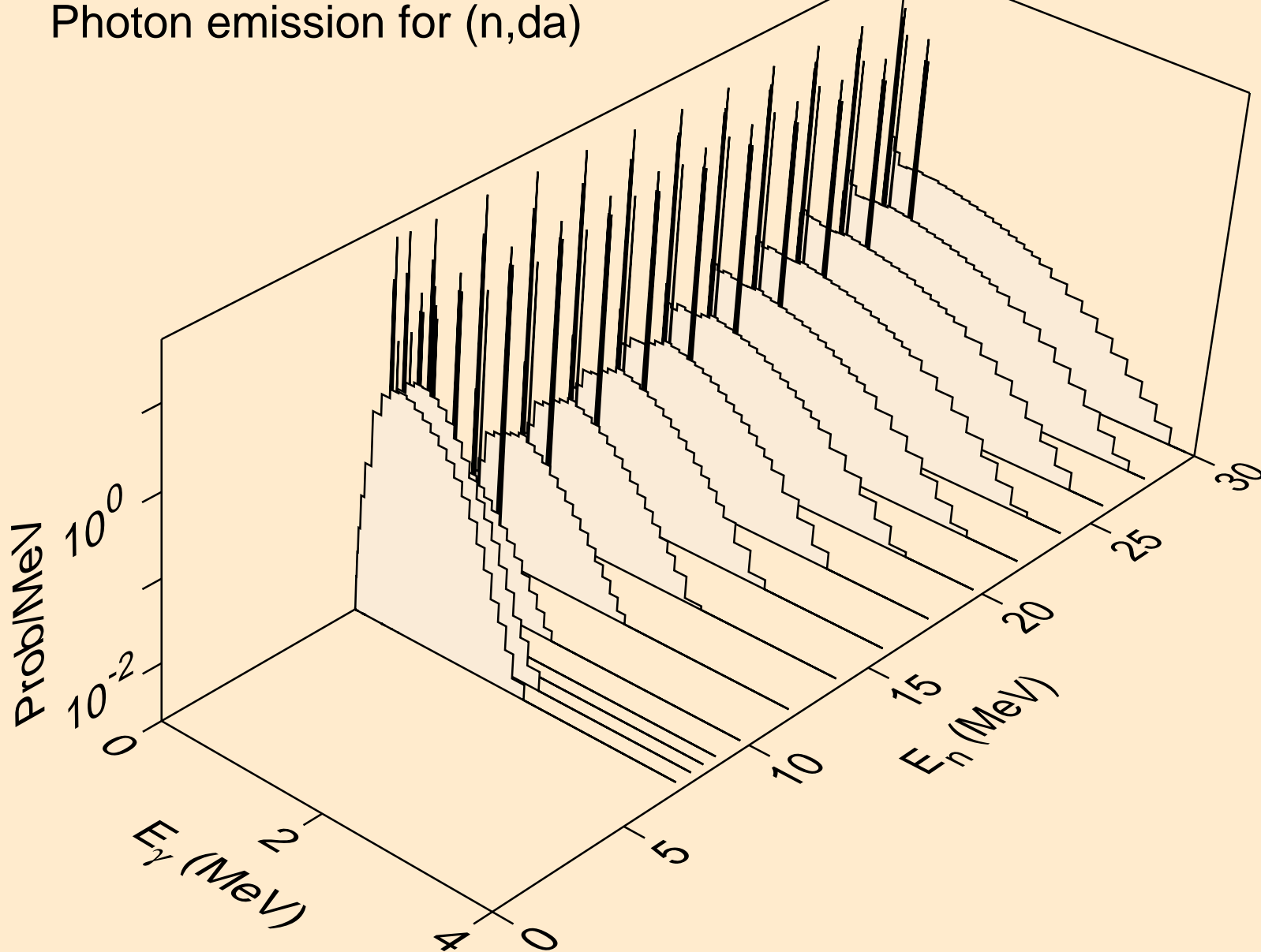
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



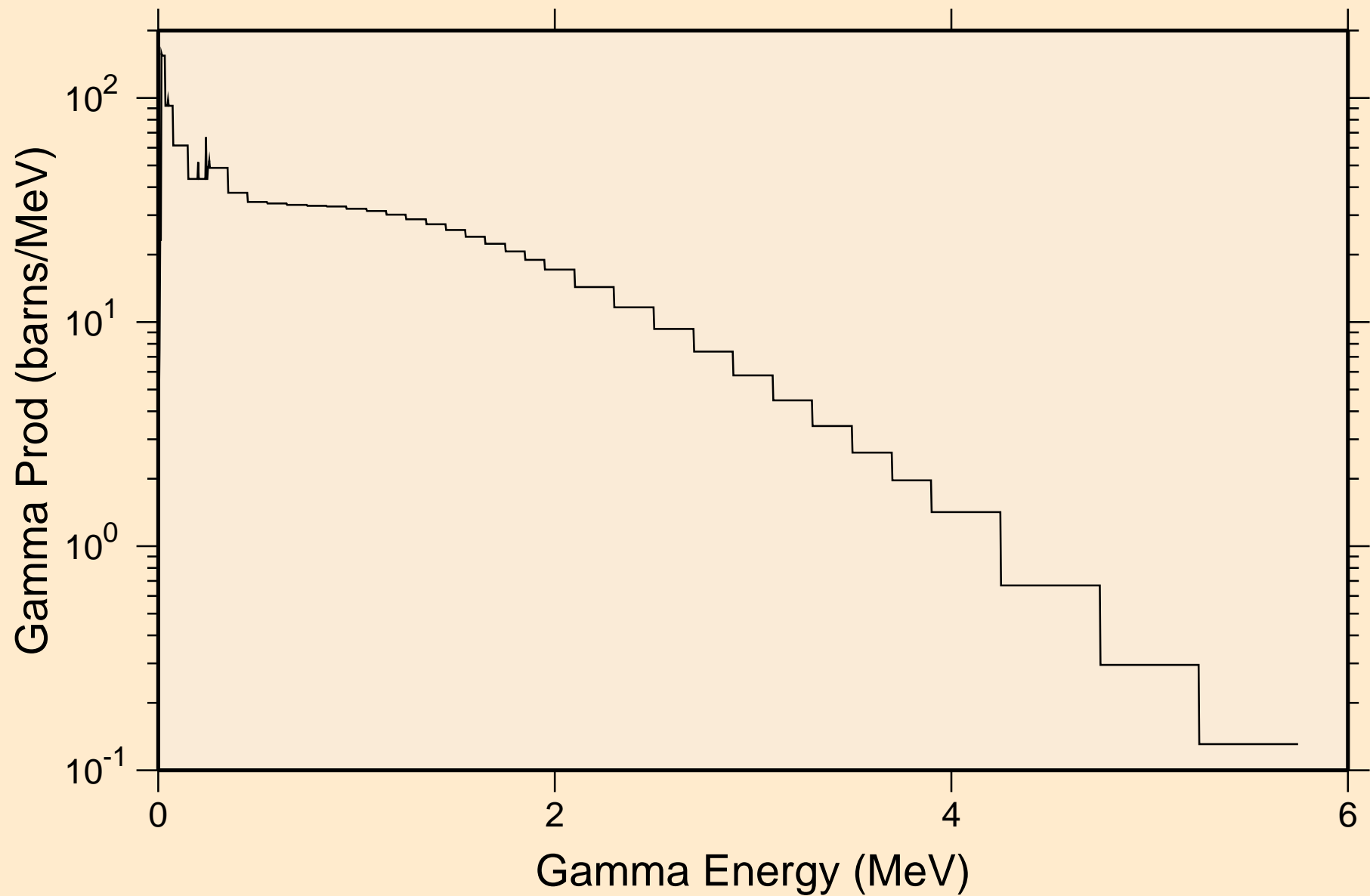
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



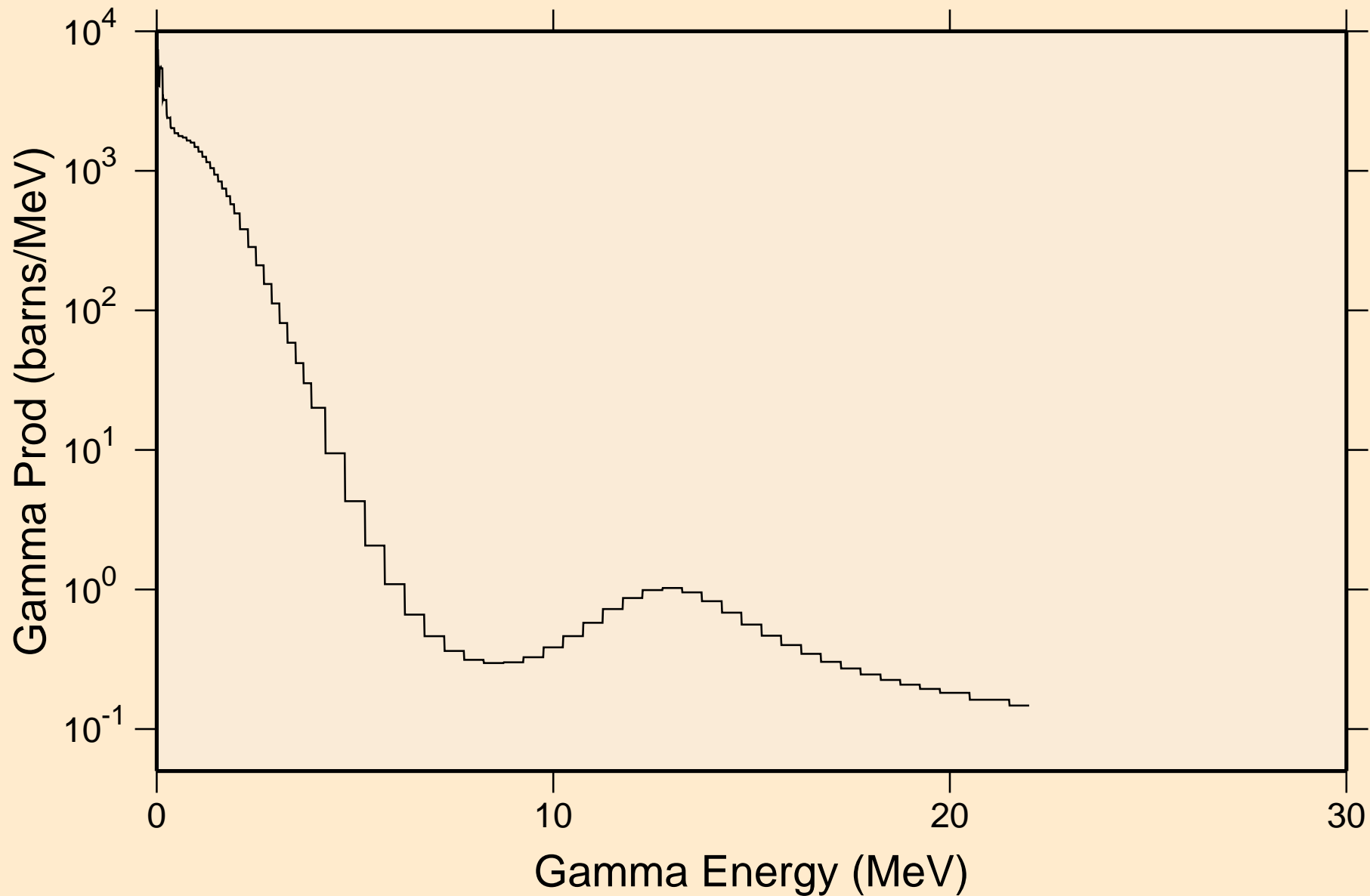
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

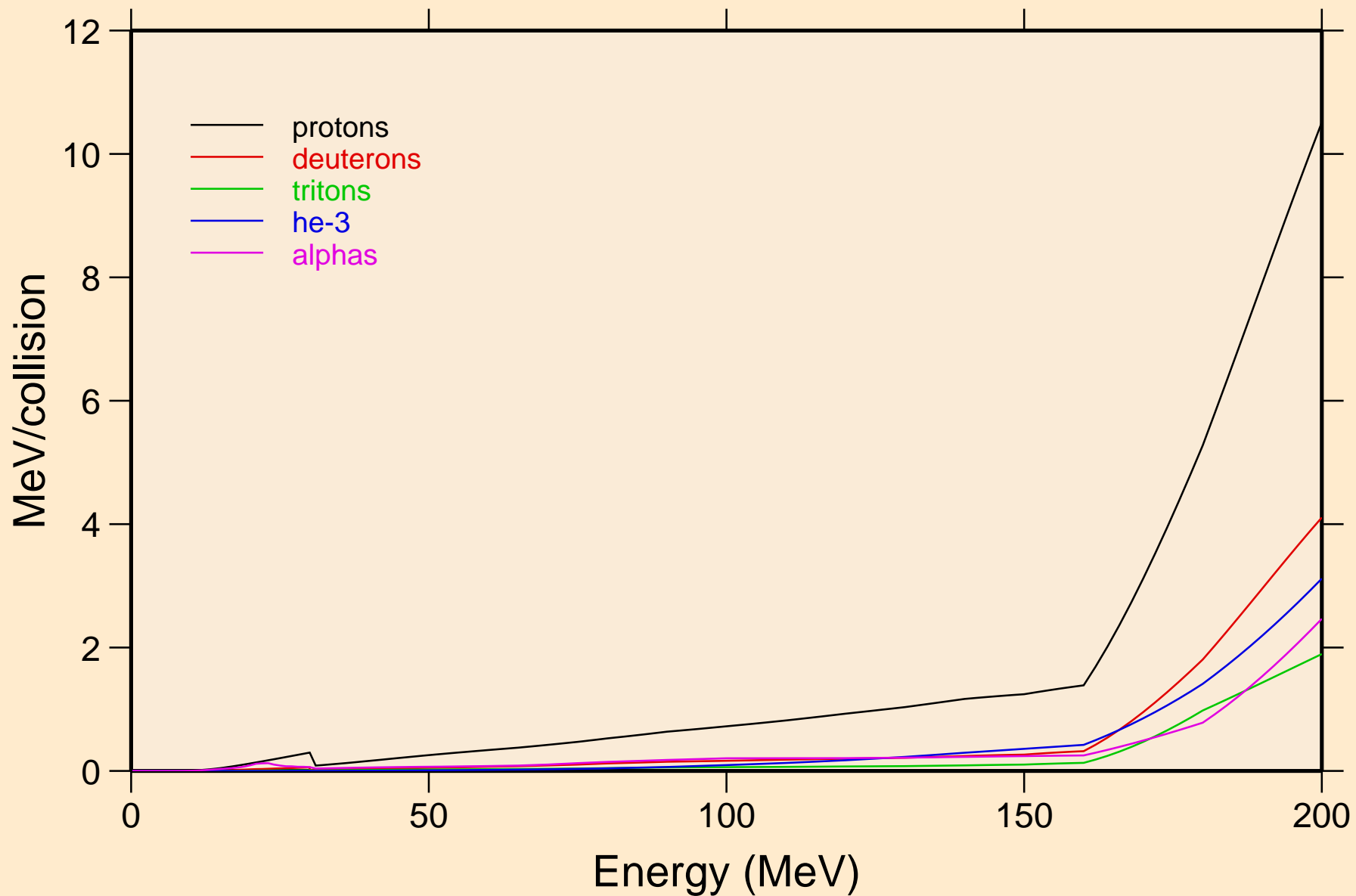


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

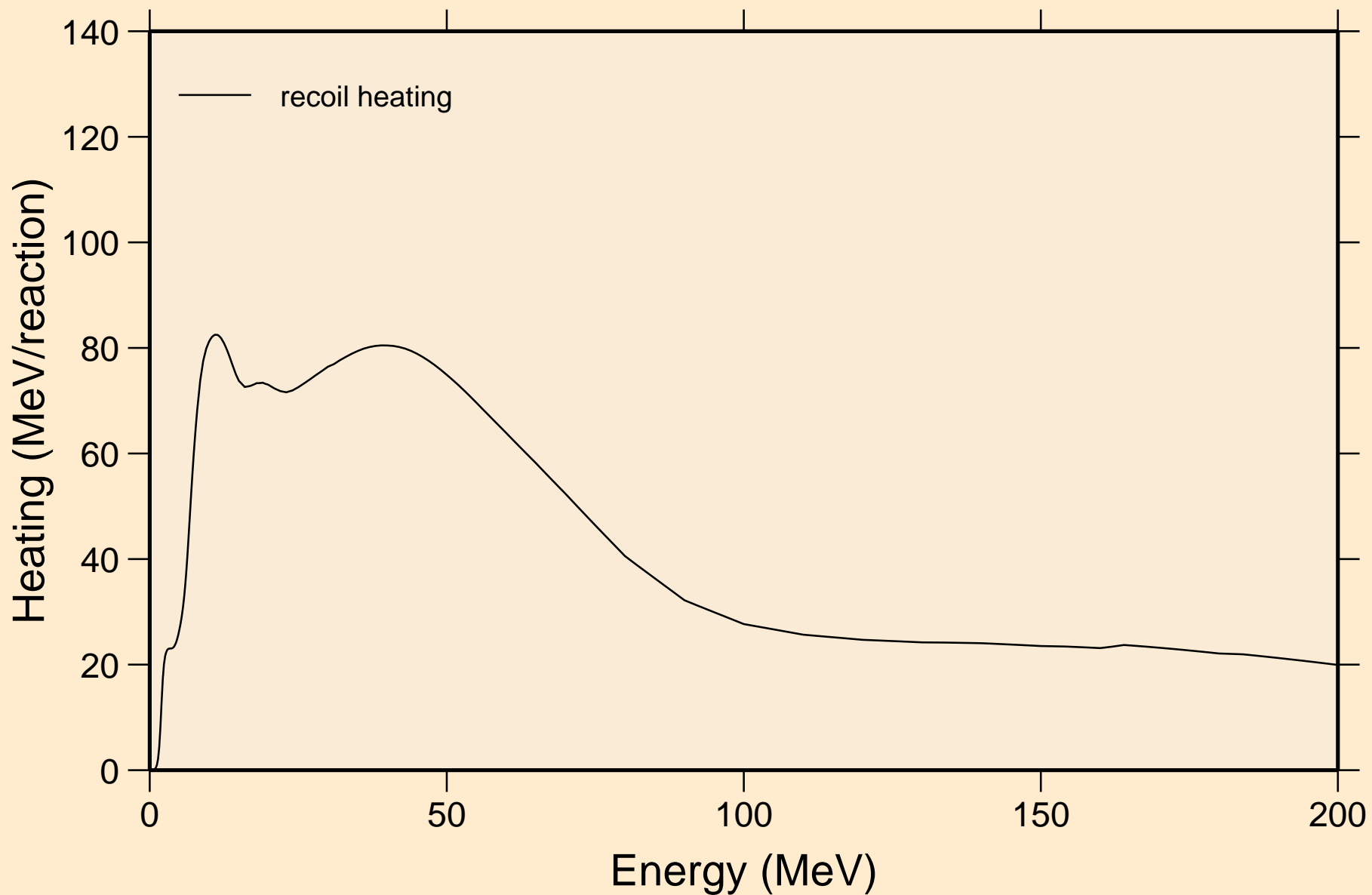


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Particle heating contributions

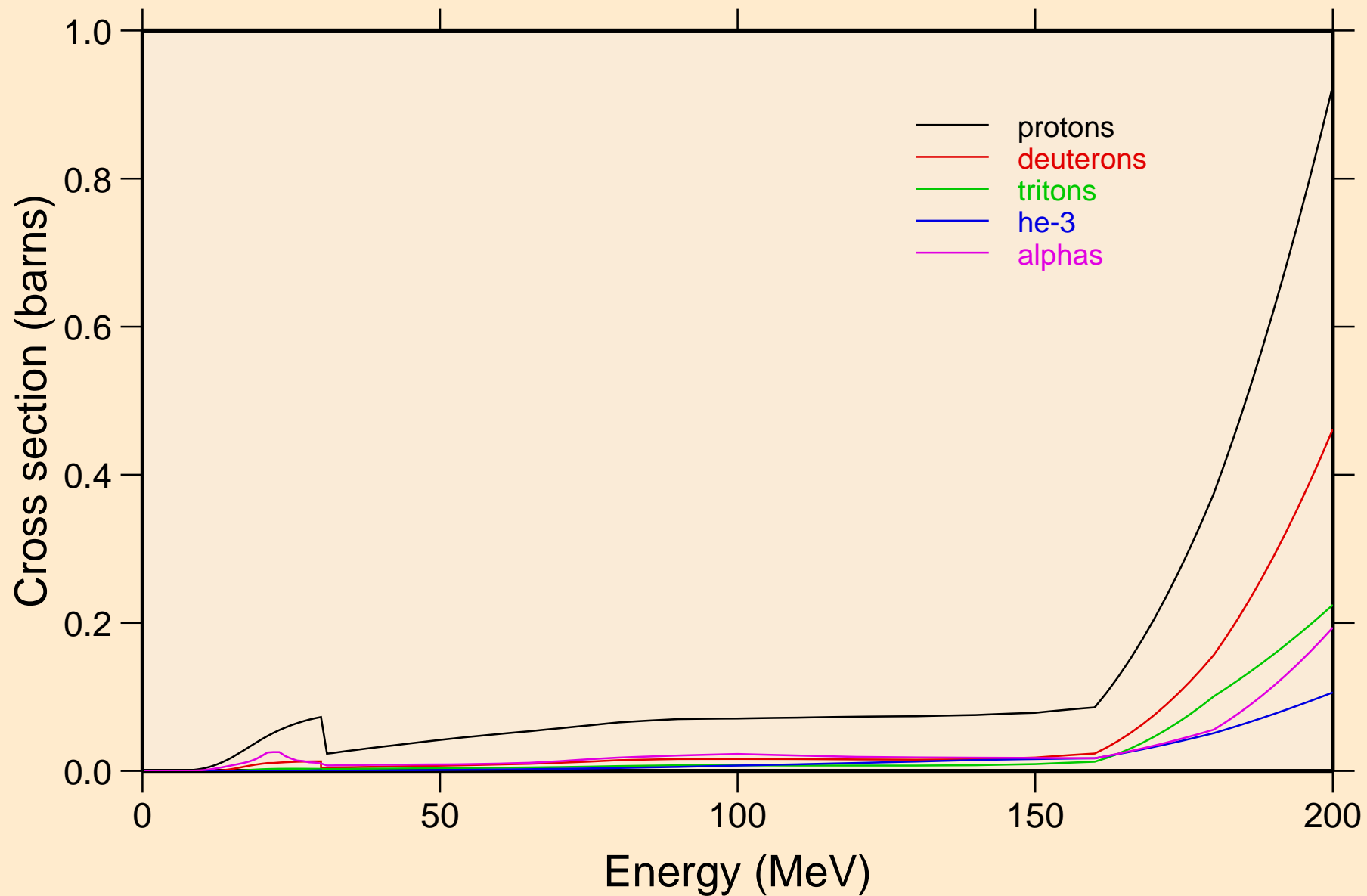


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

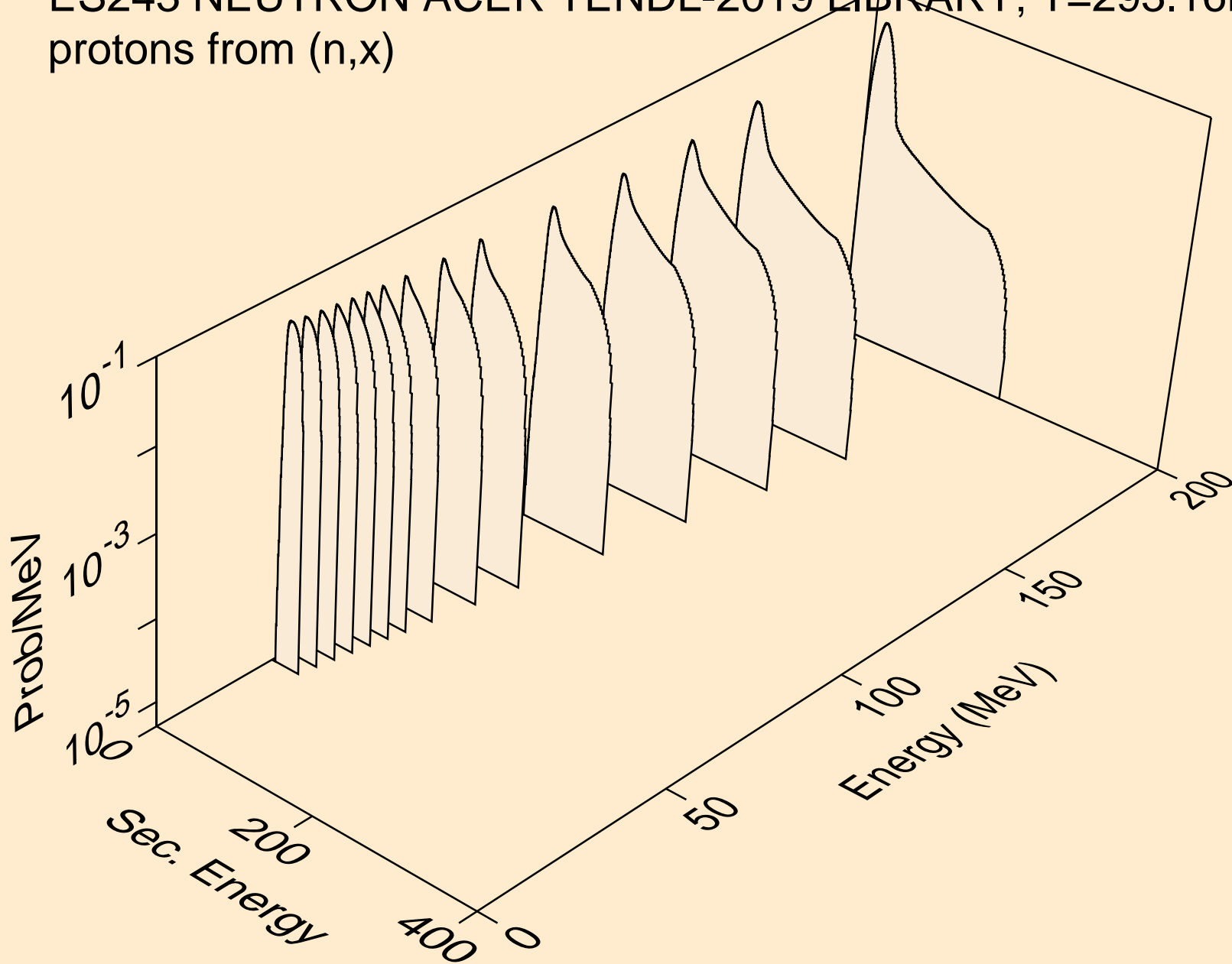


ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

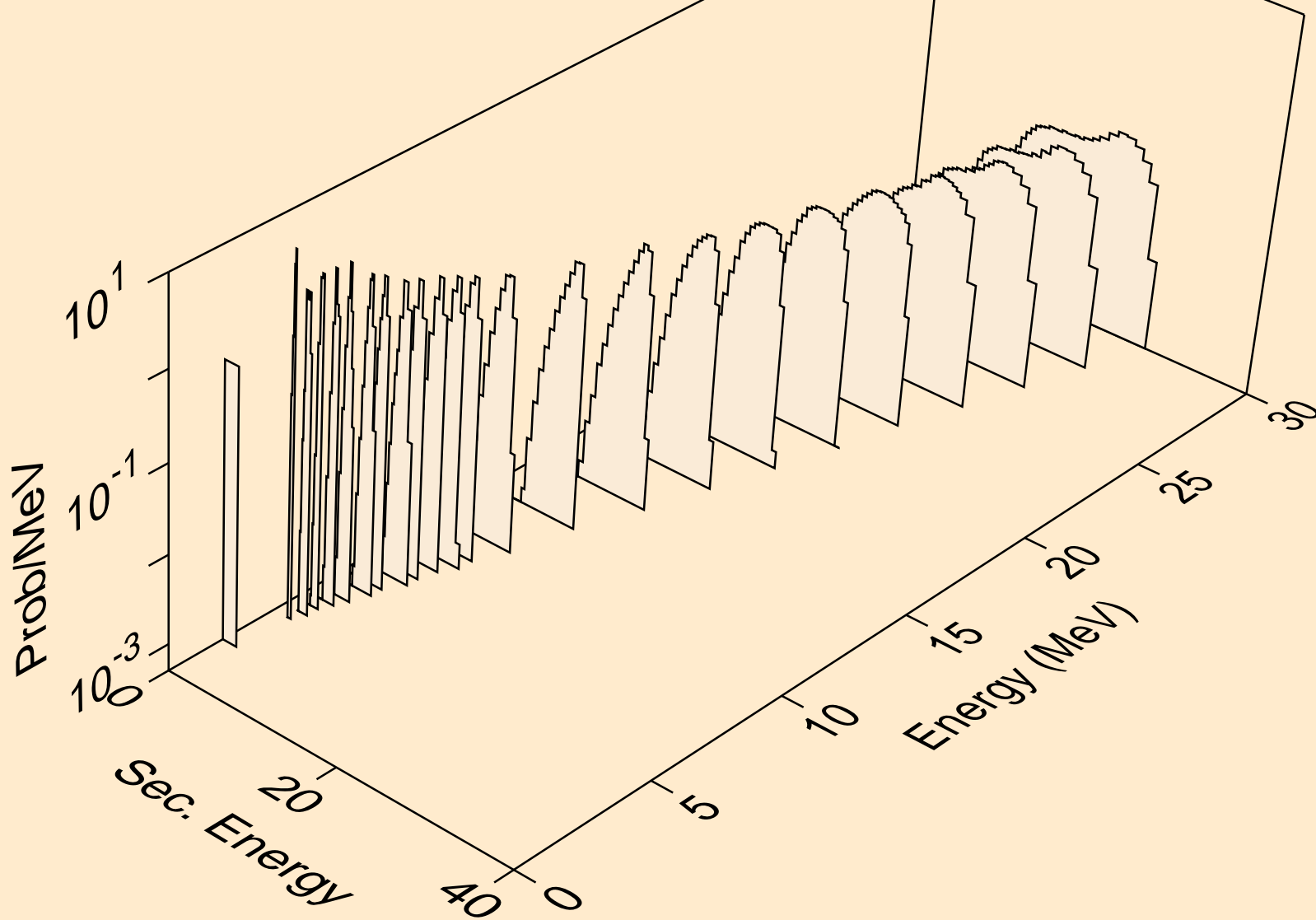
Particle production cross sections



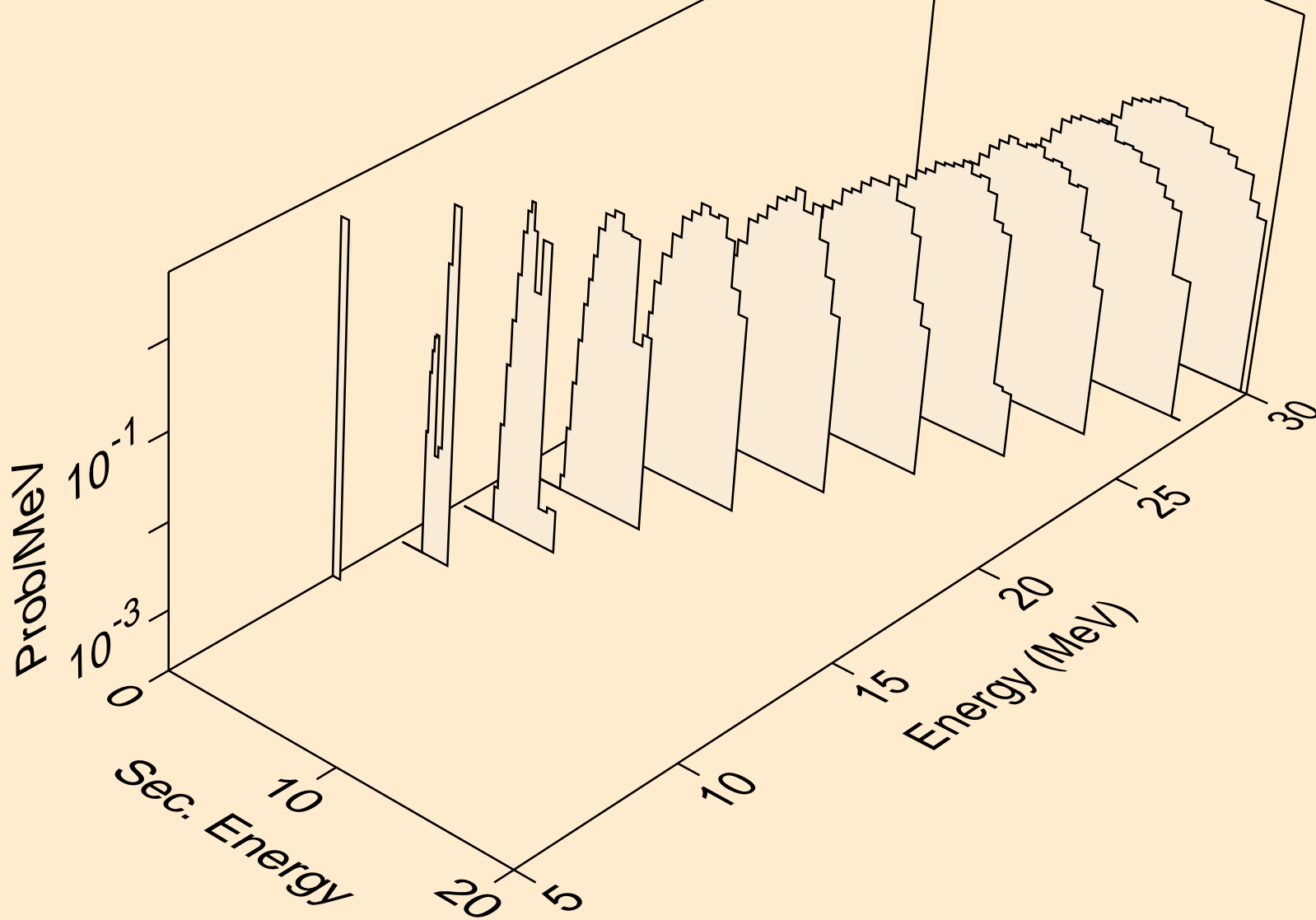
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



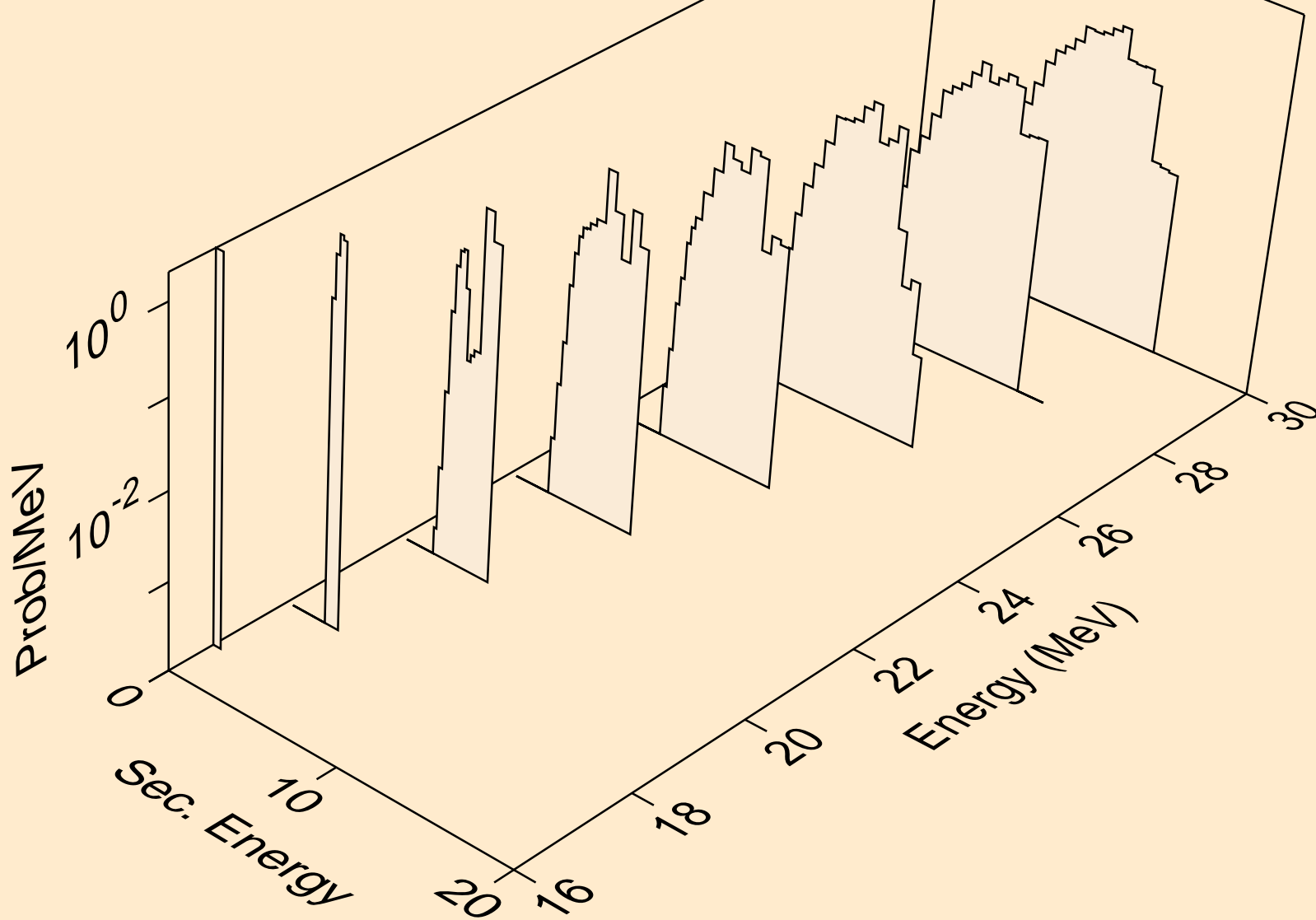
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



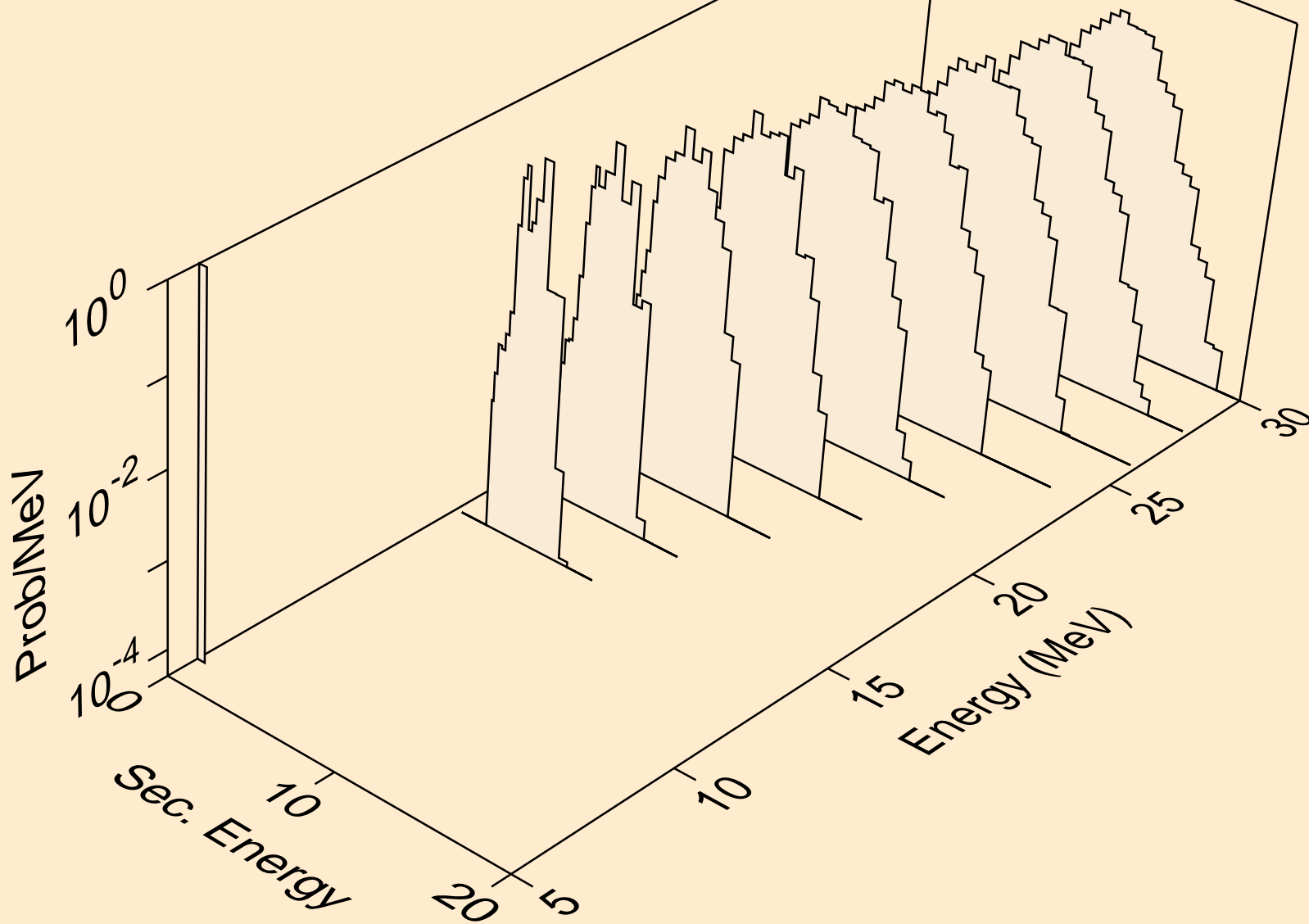
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



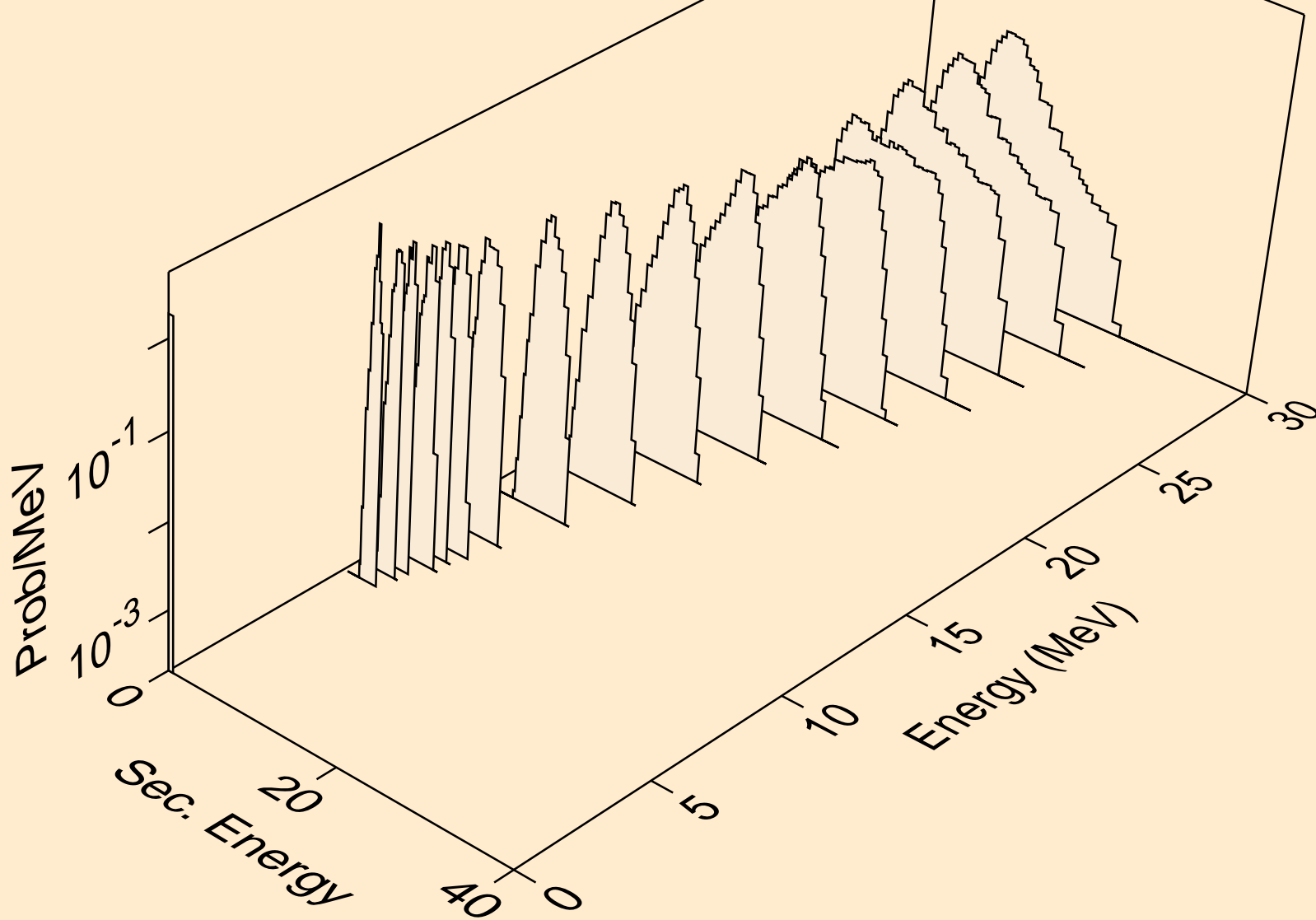
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



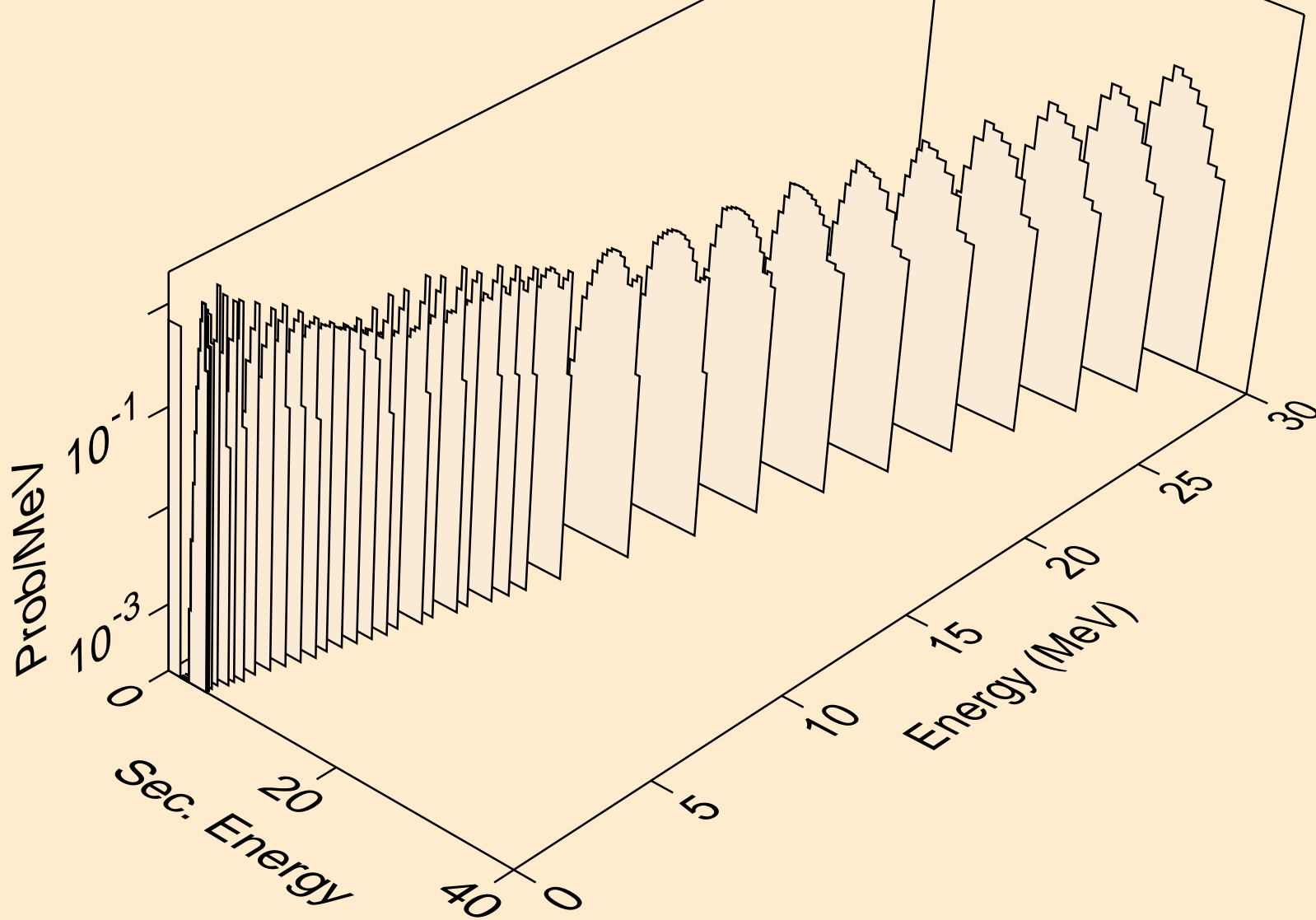
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



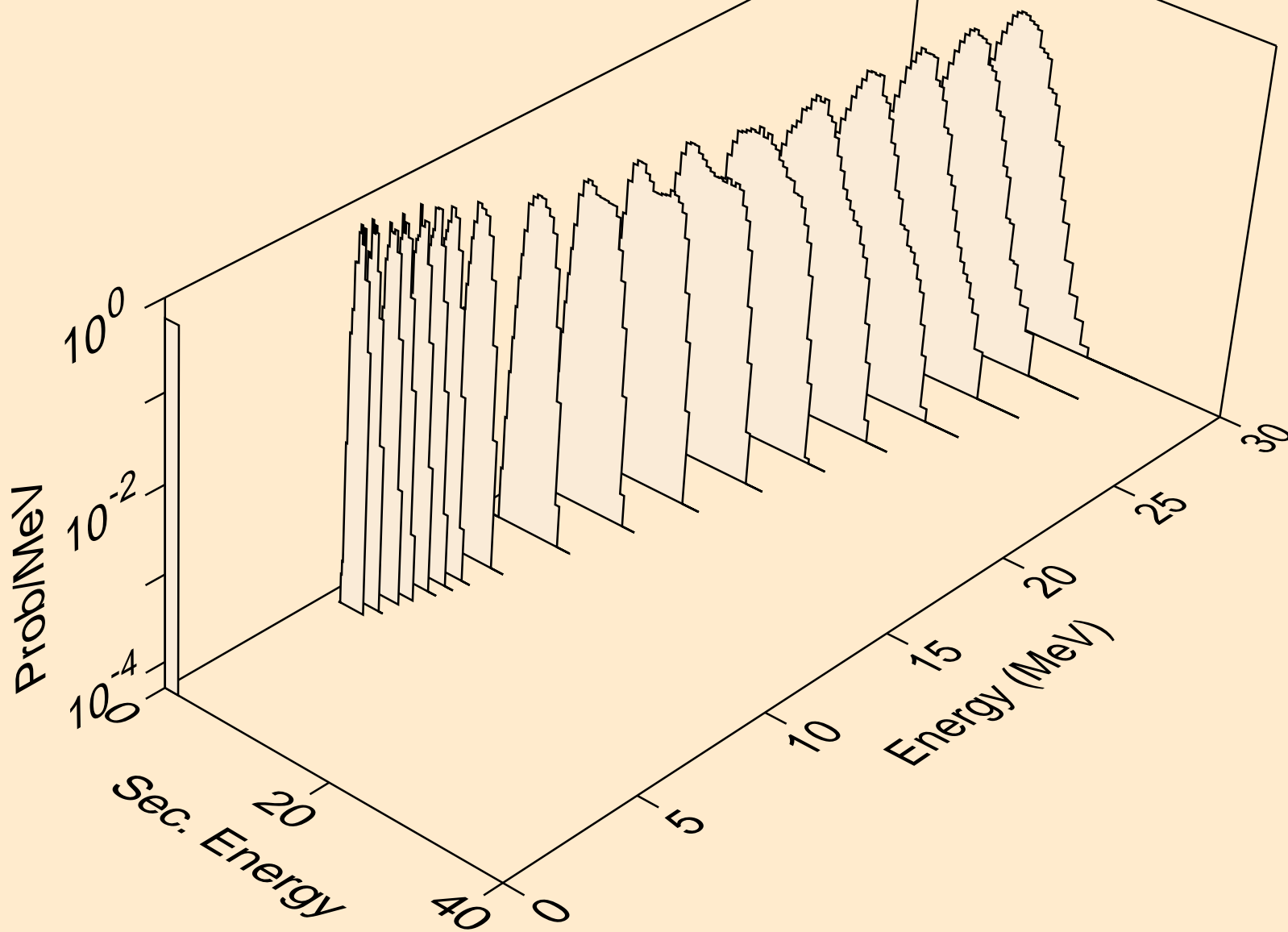
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



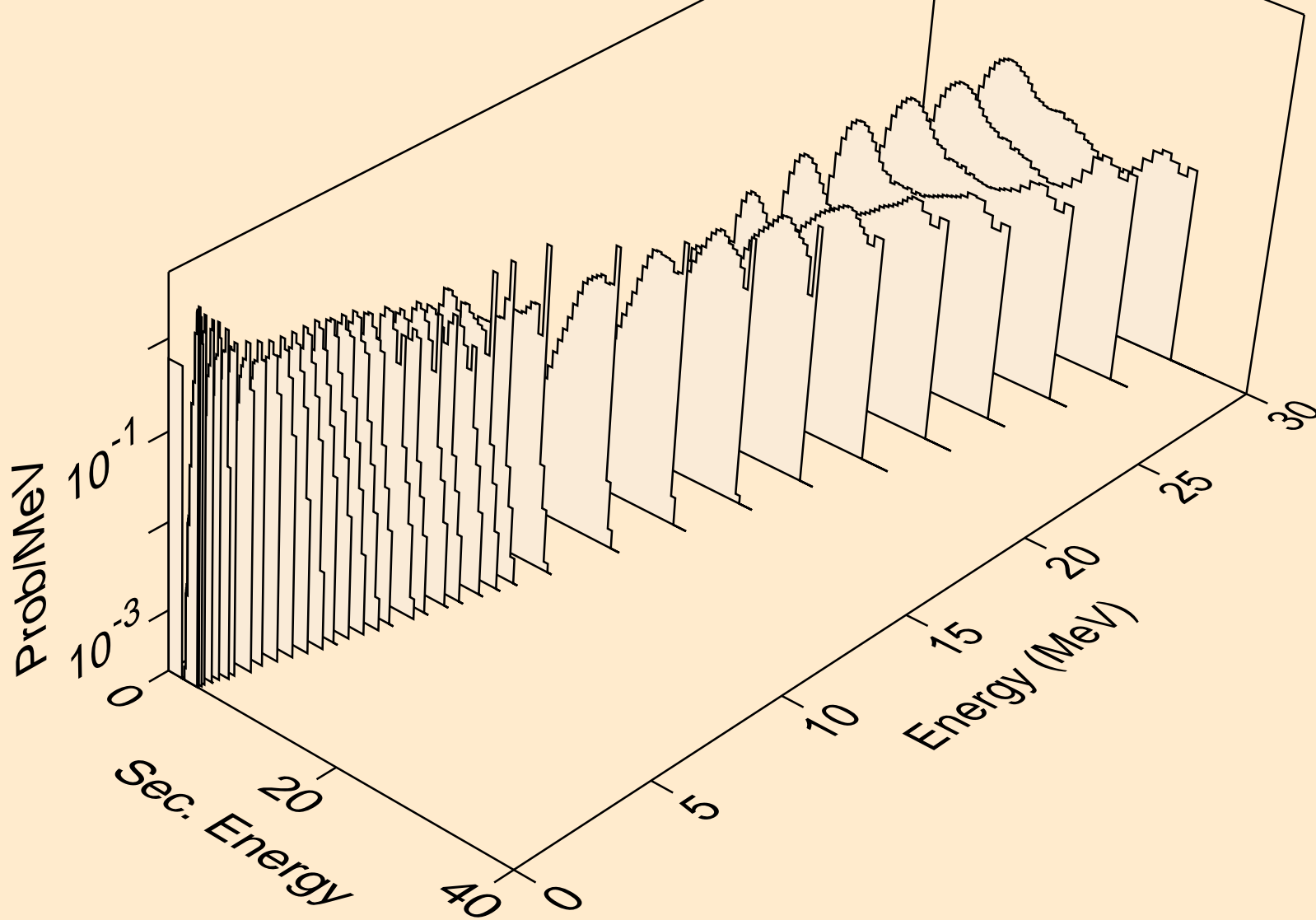
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



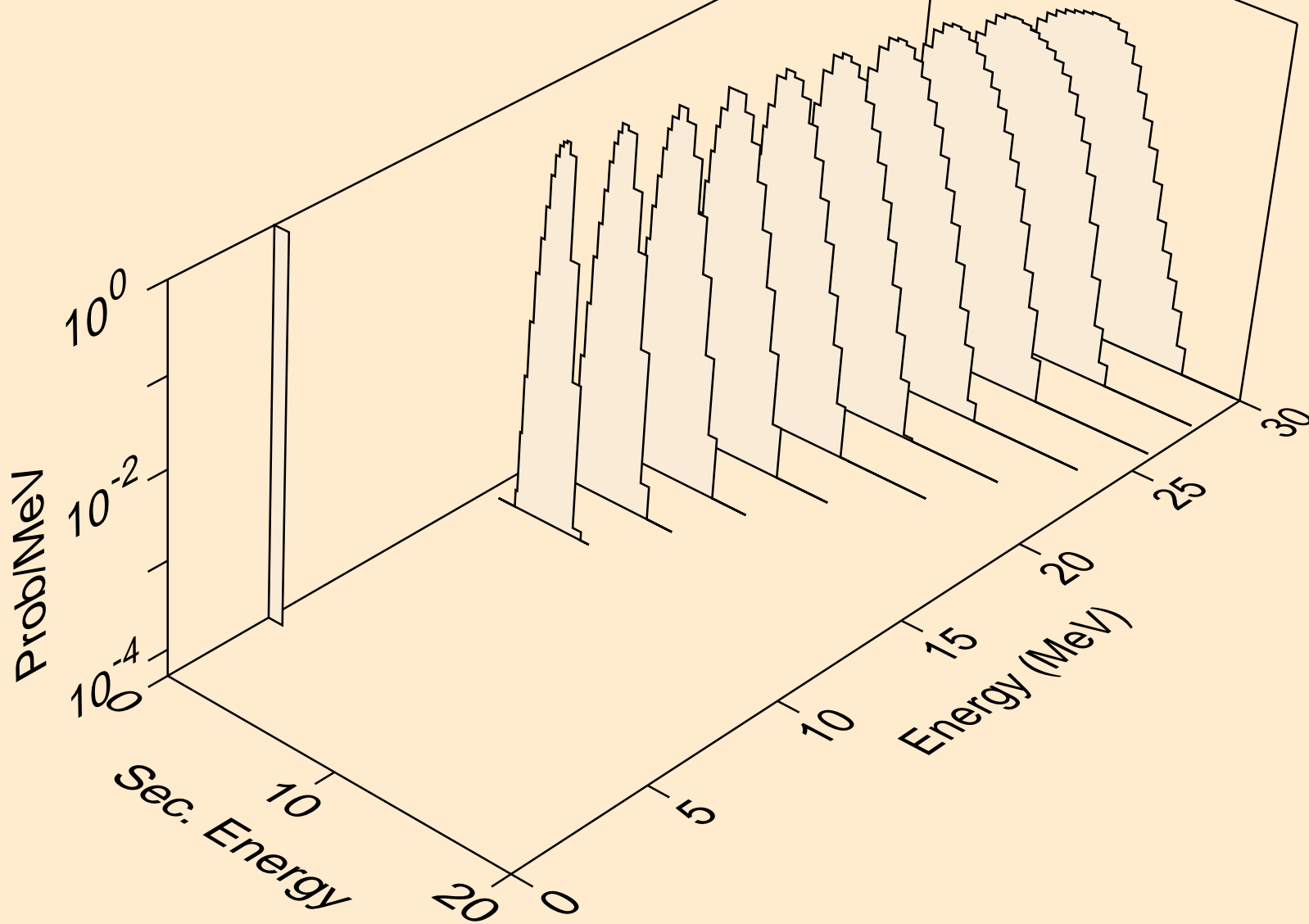
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



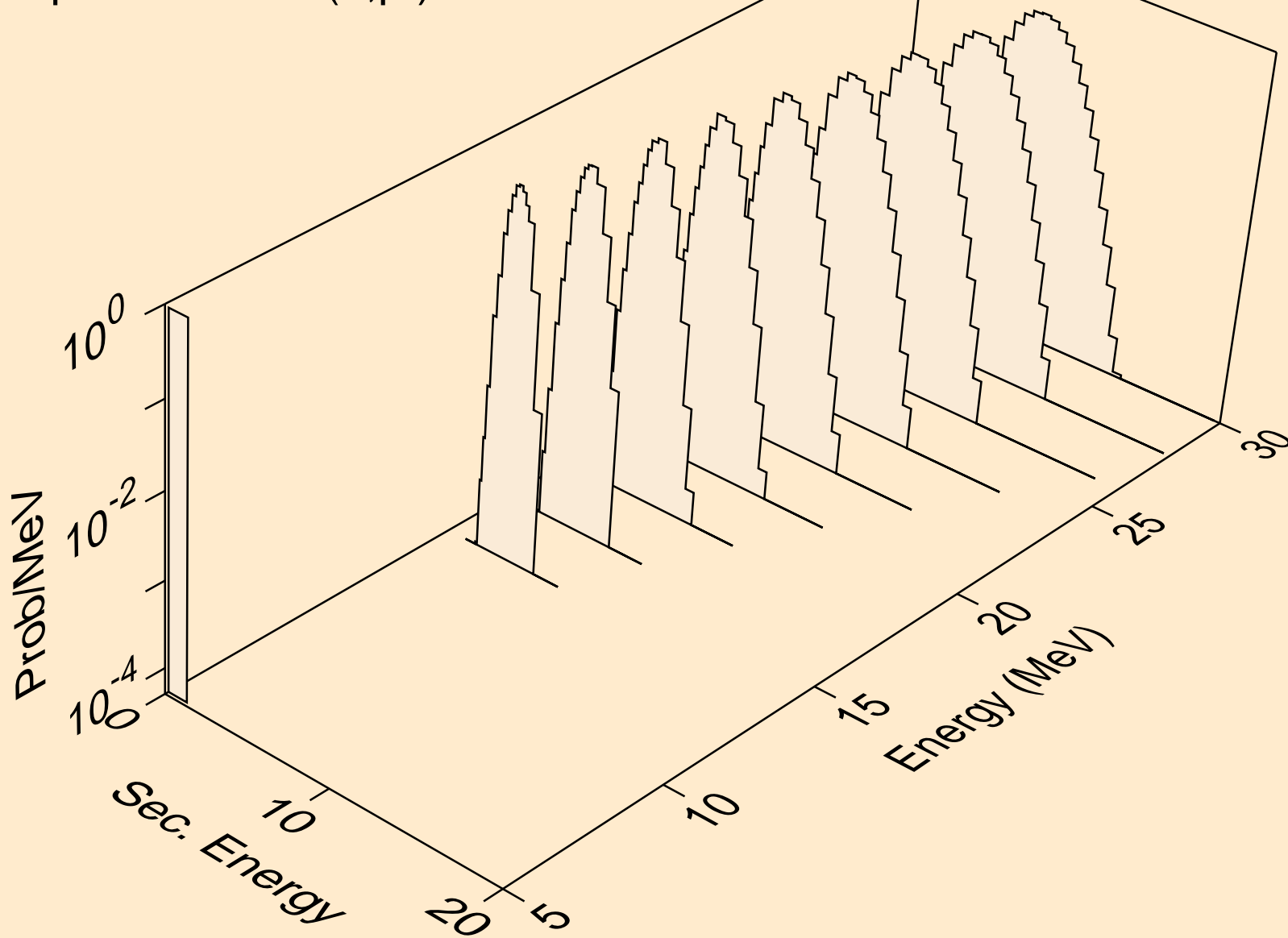
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



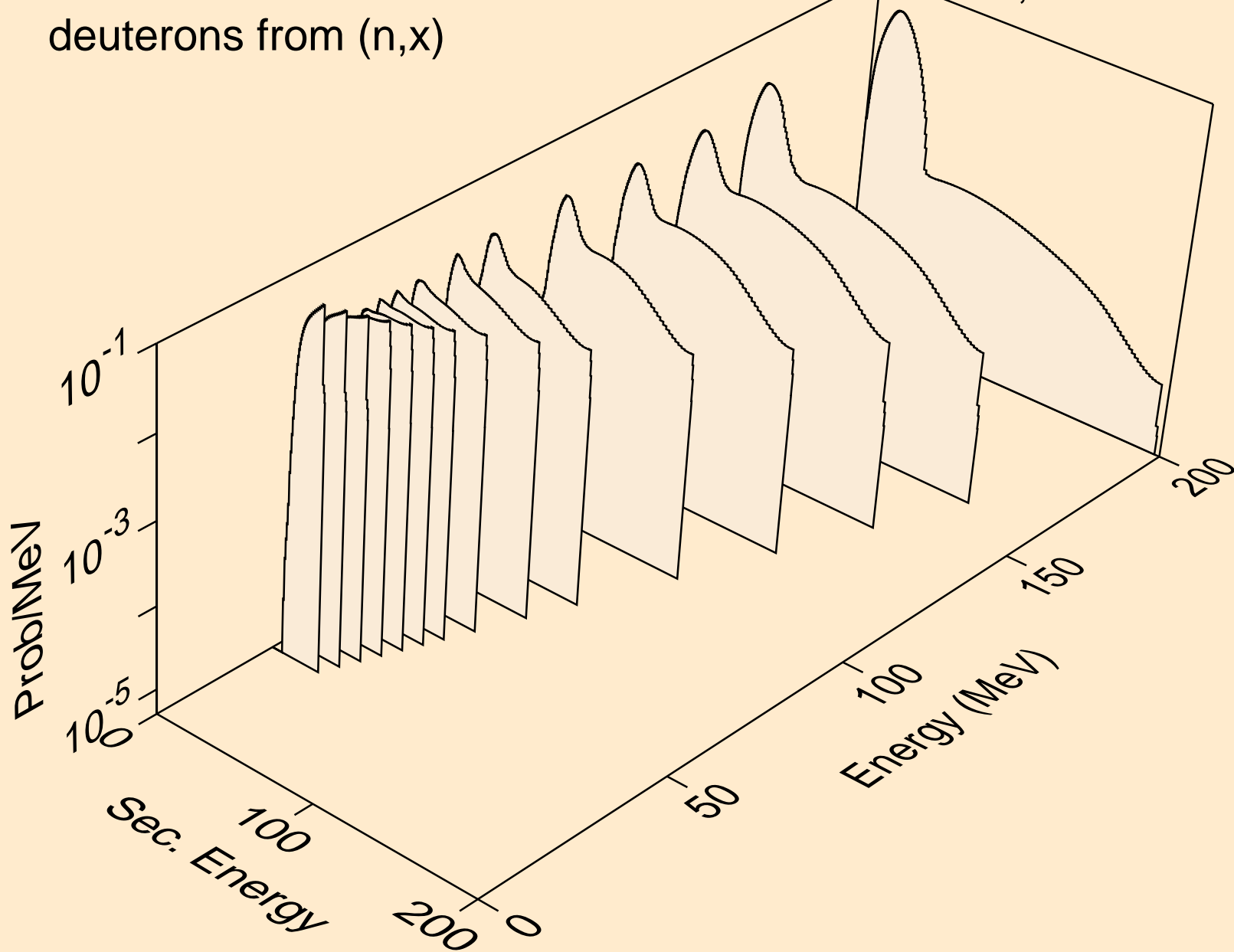
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



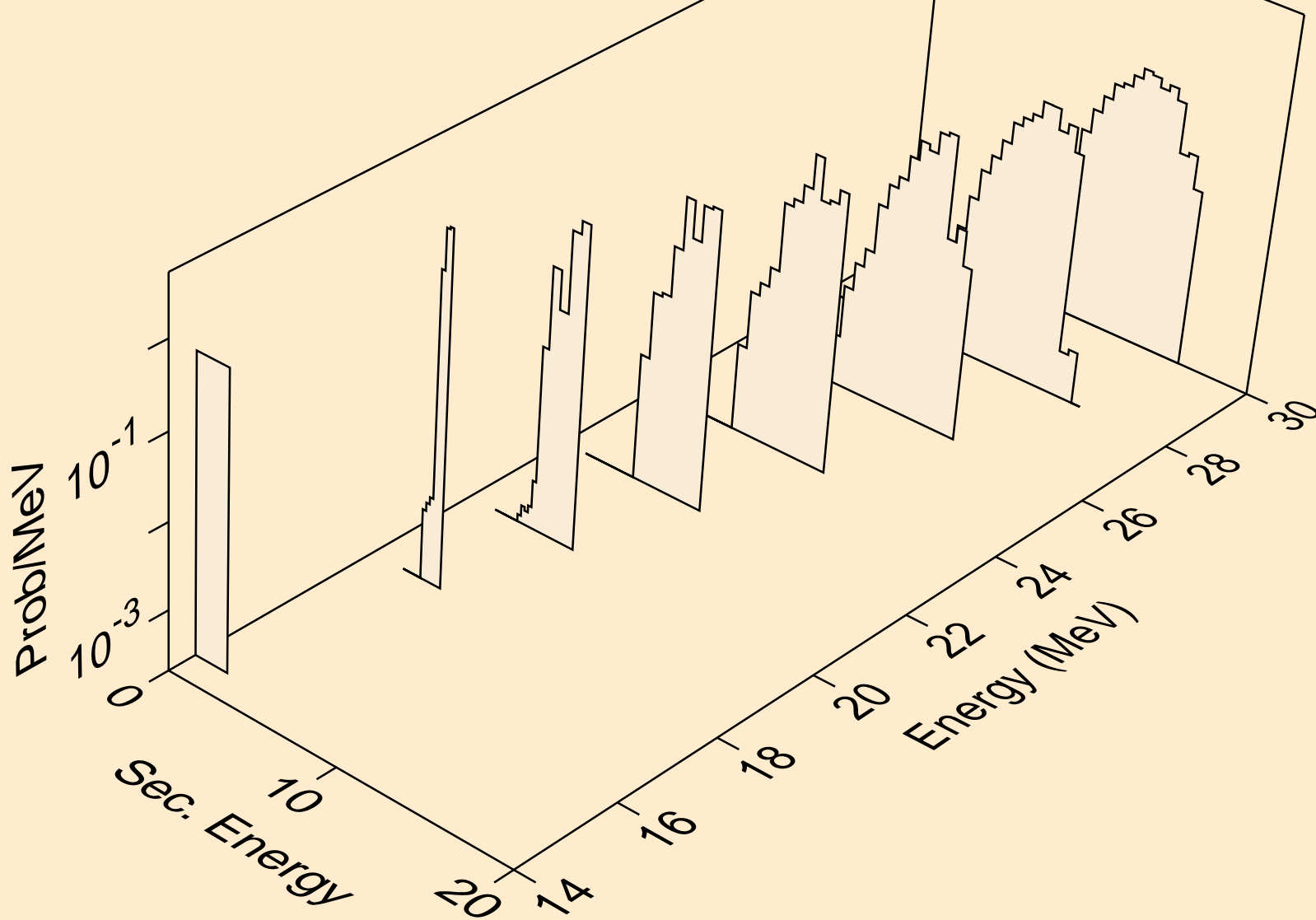
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



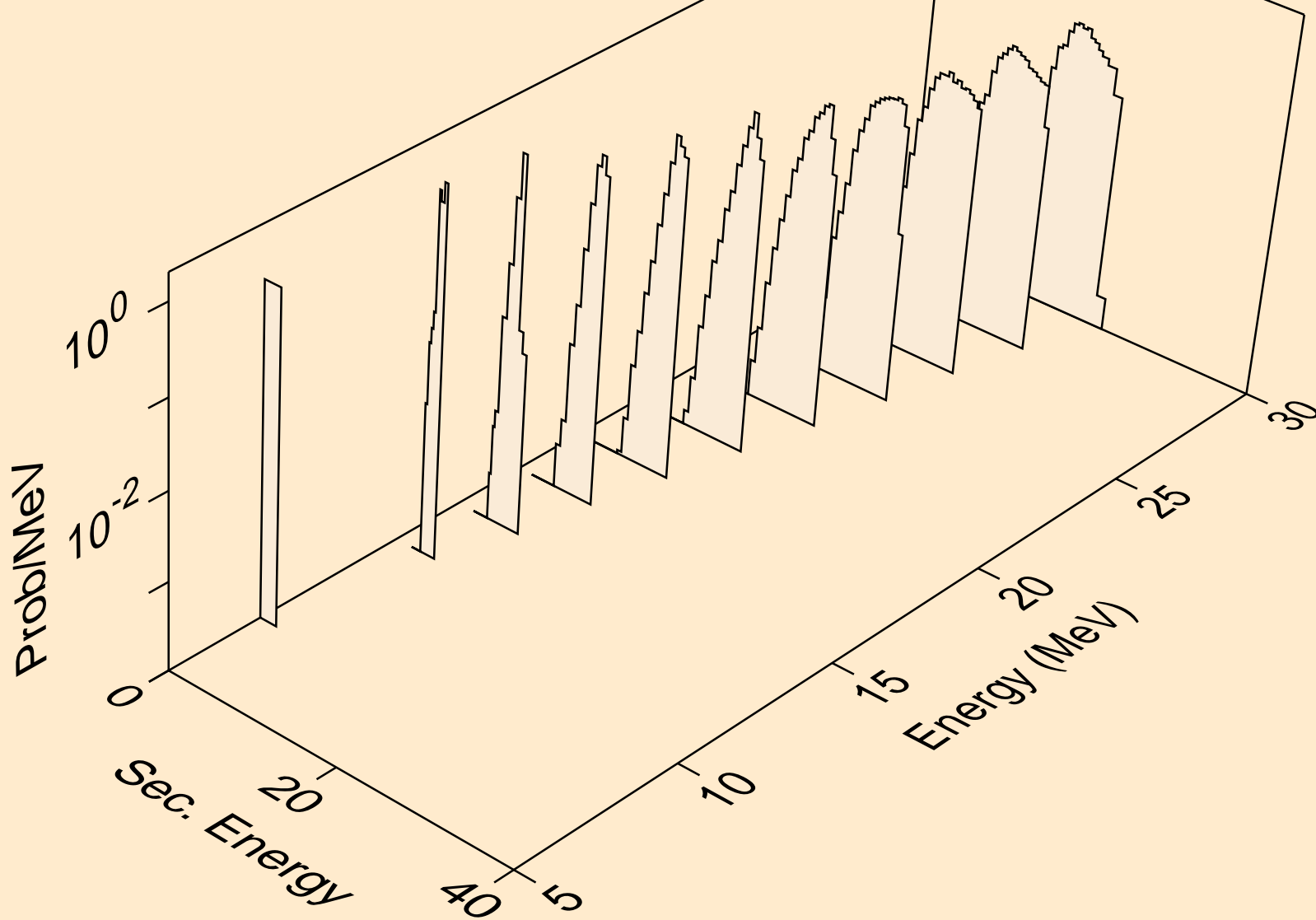
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



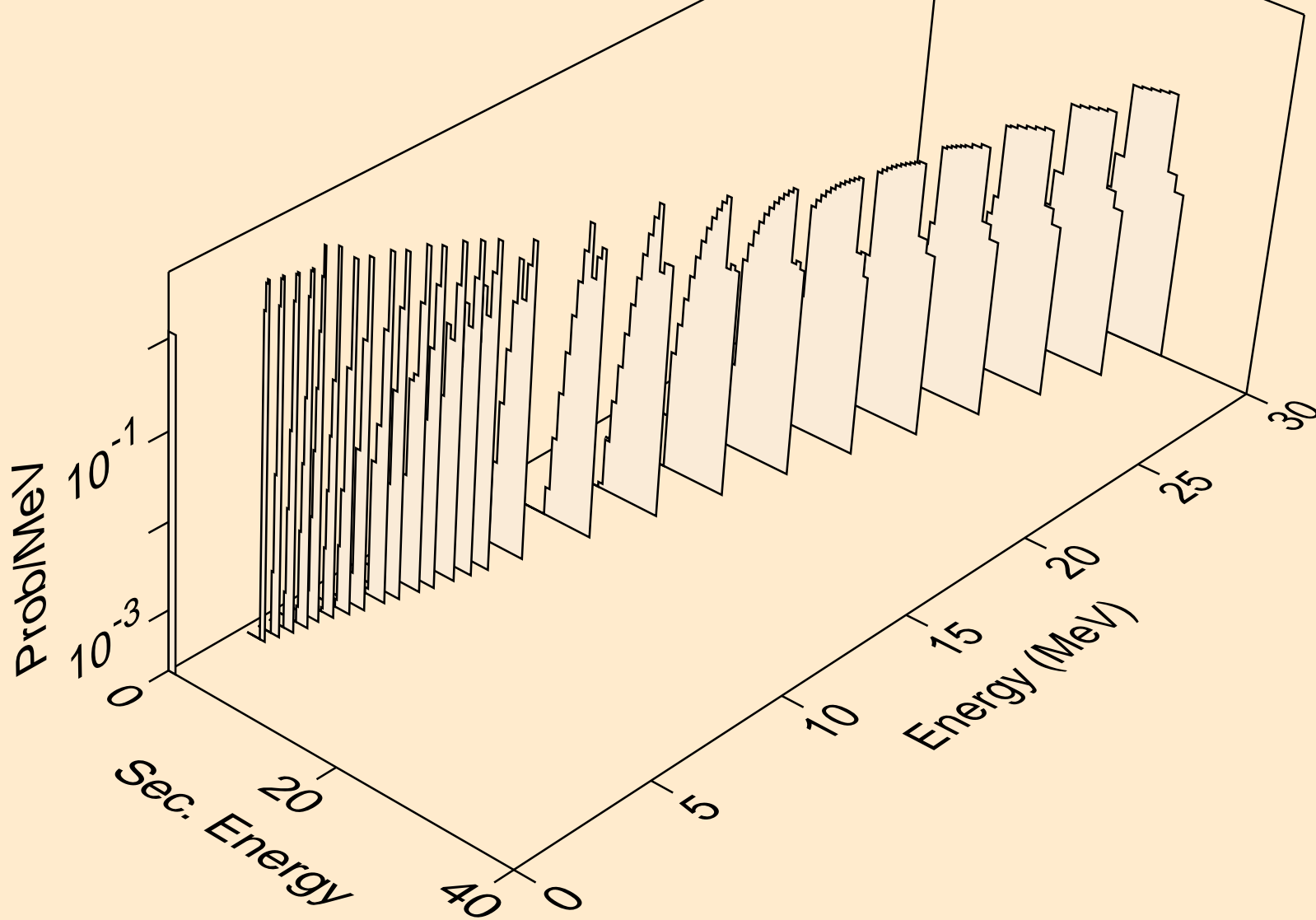
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



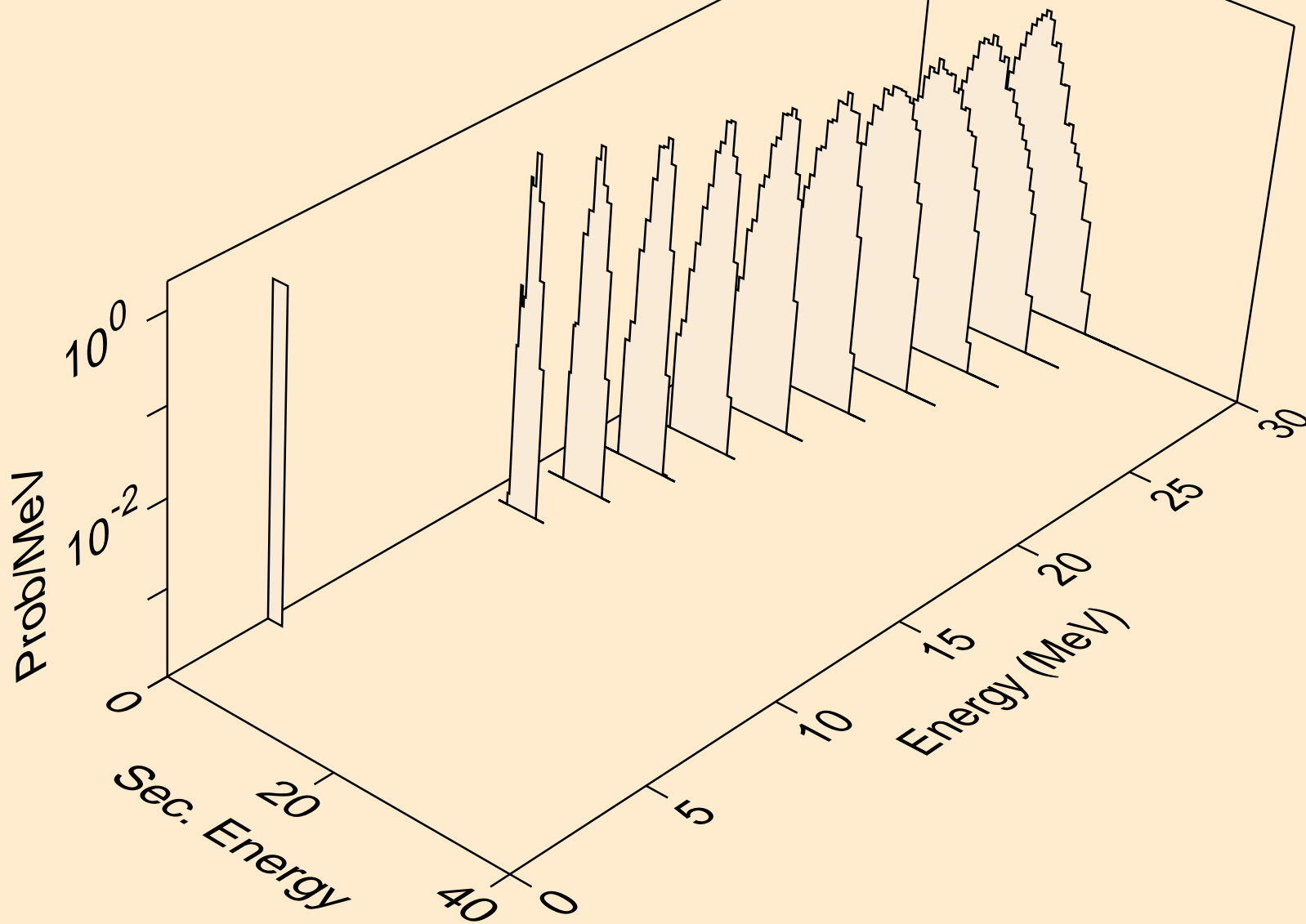
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



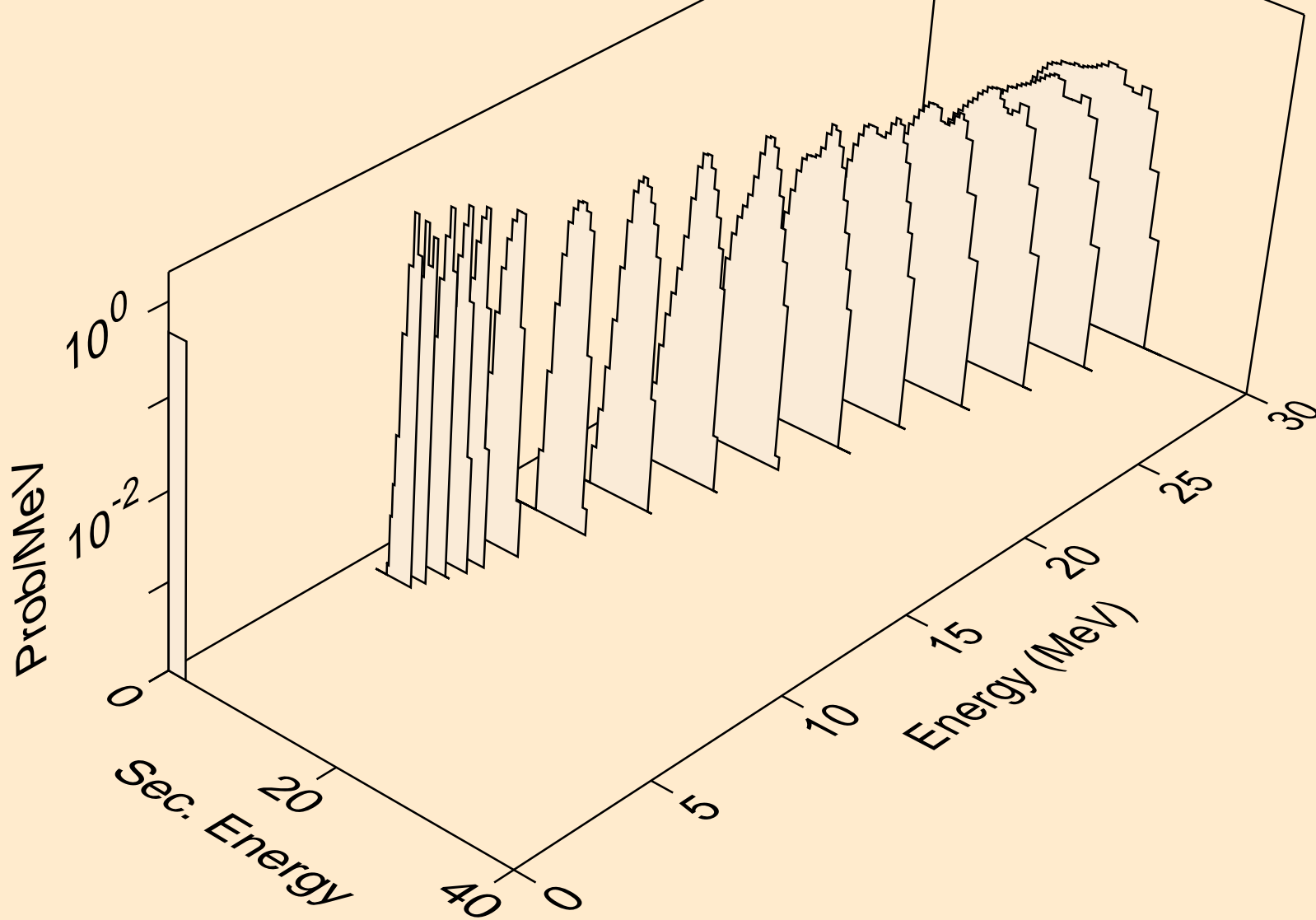
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



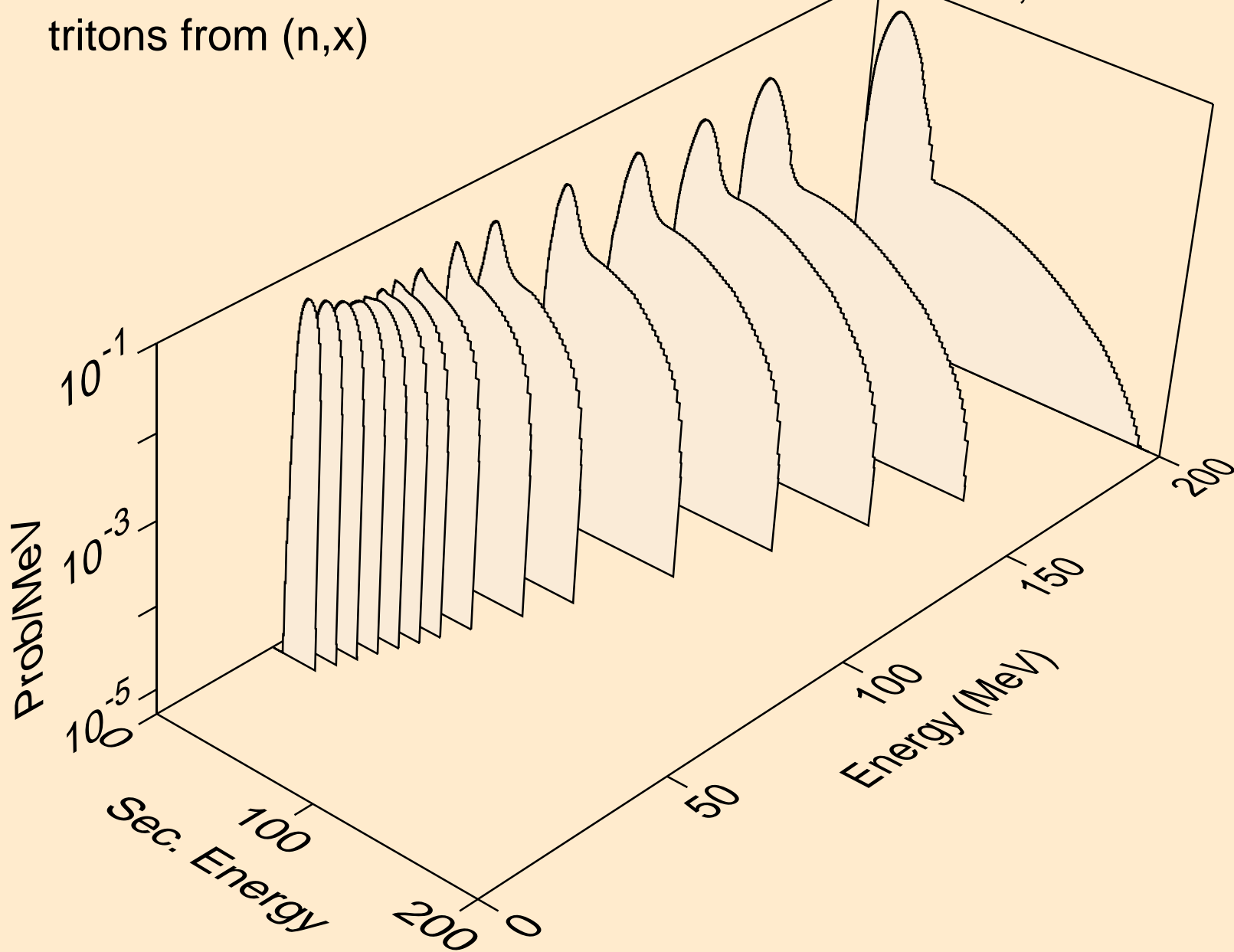
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



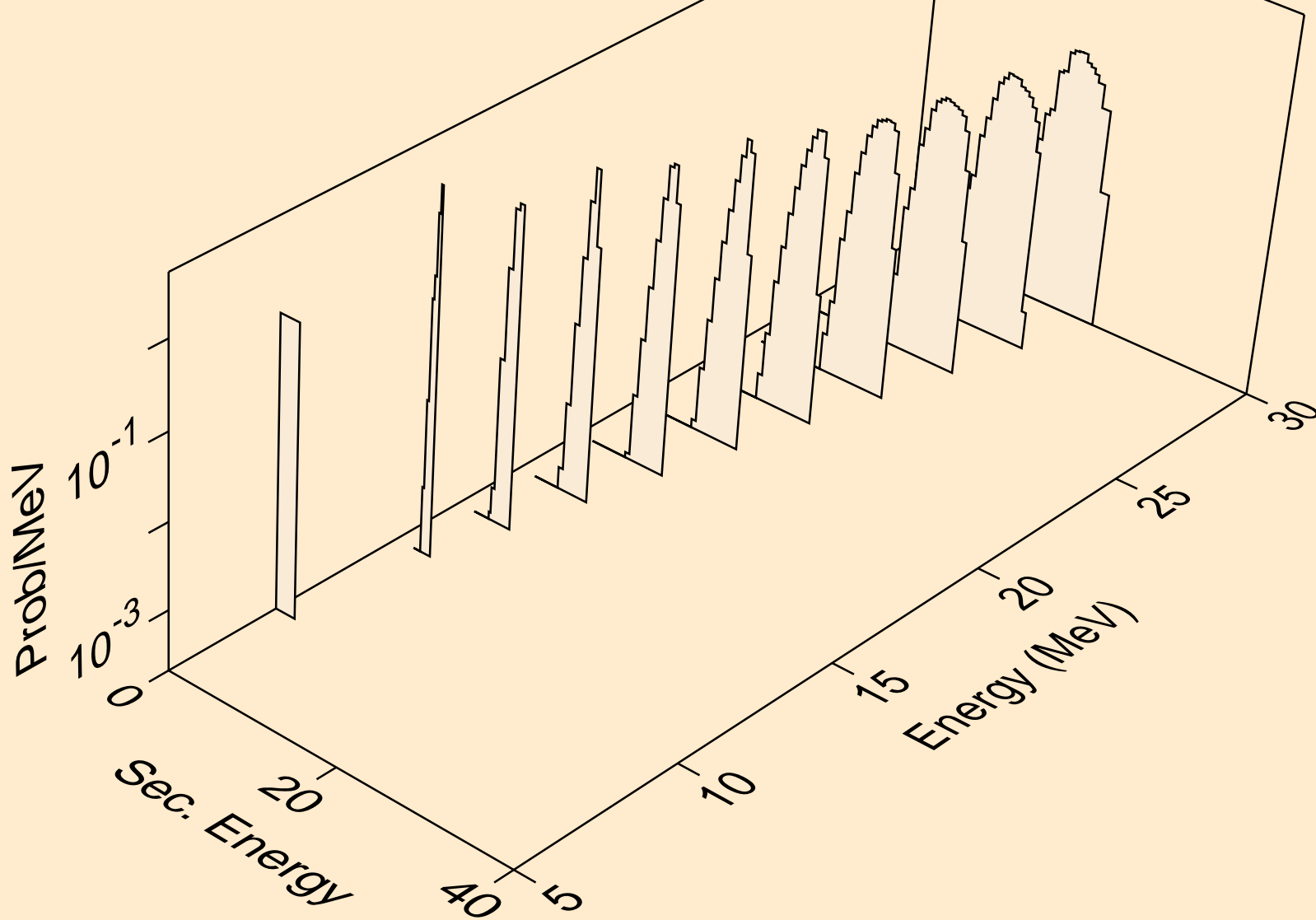
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



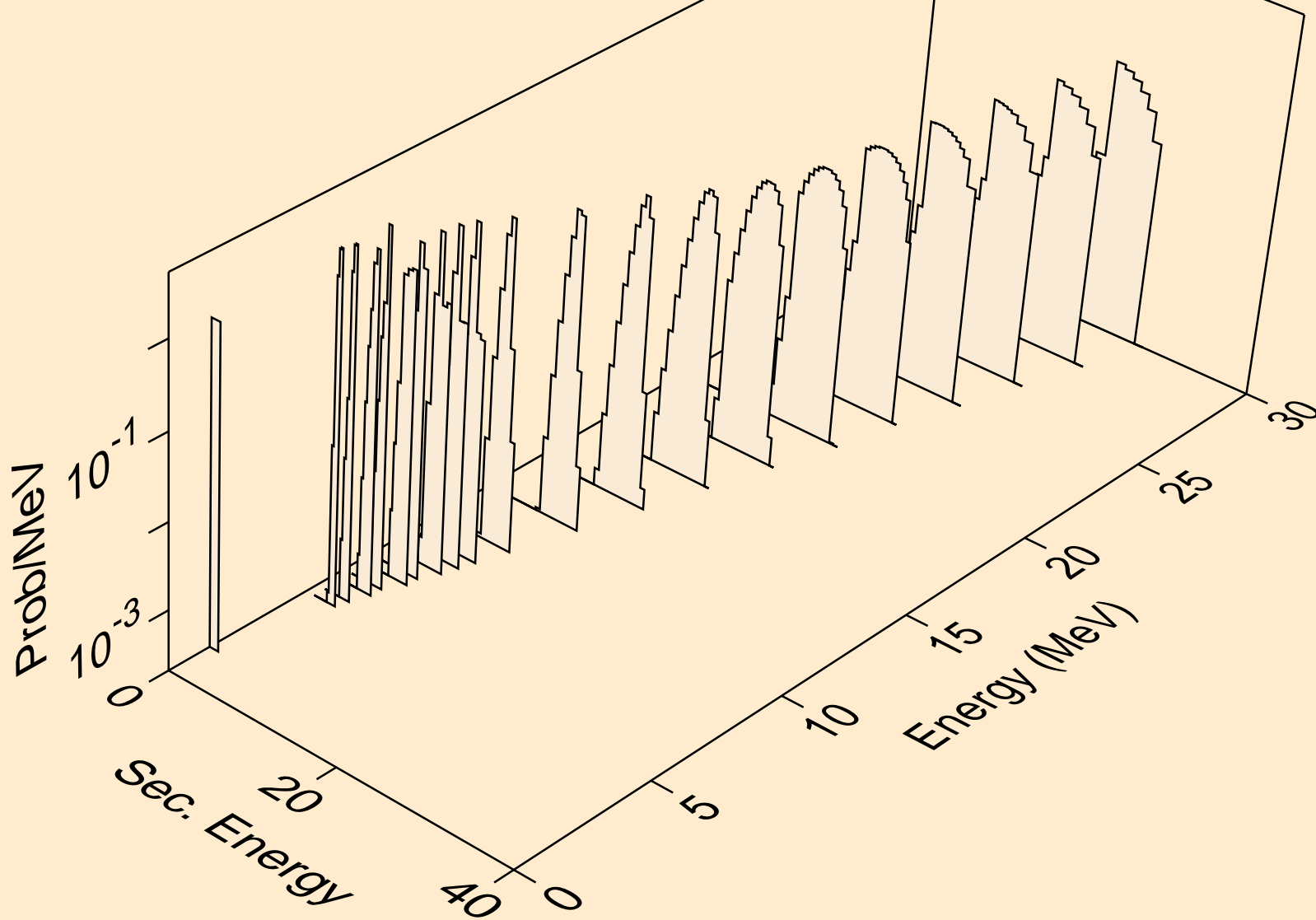
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



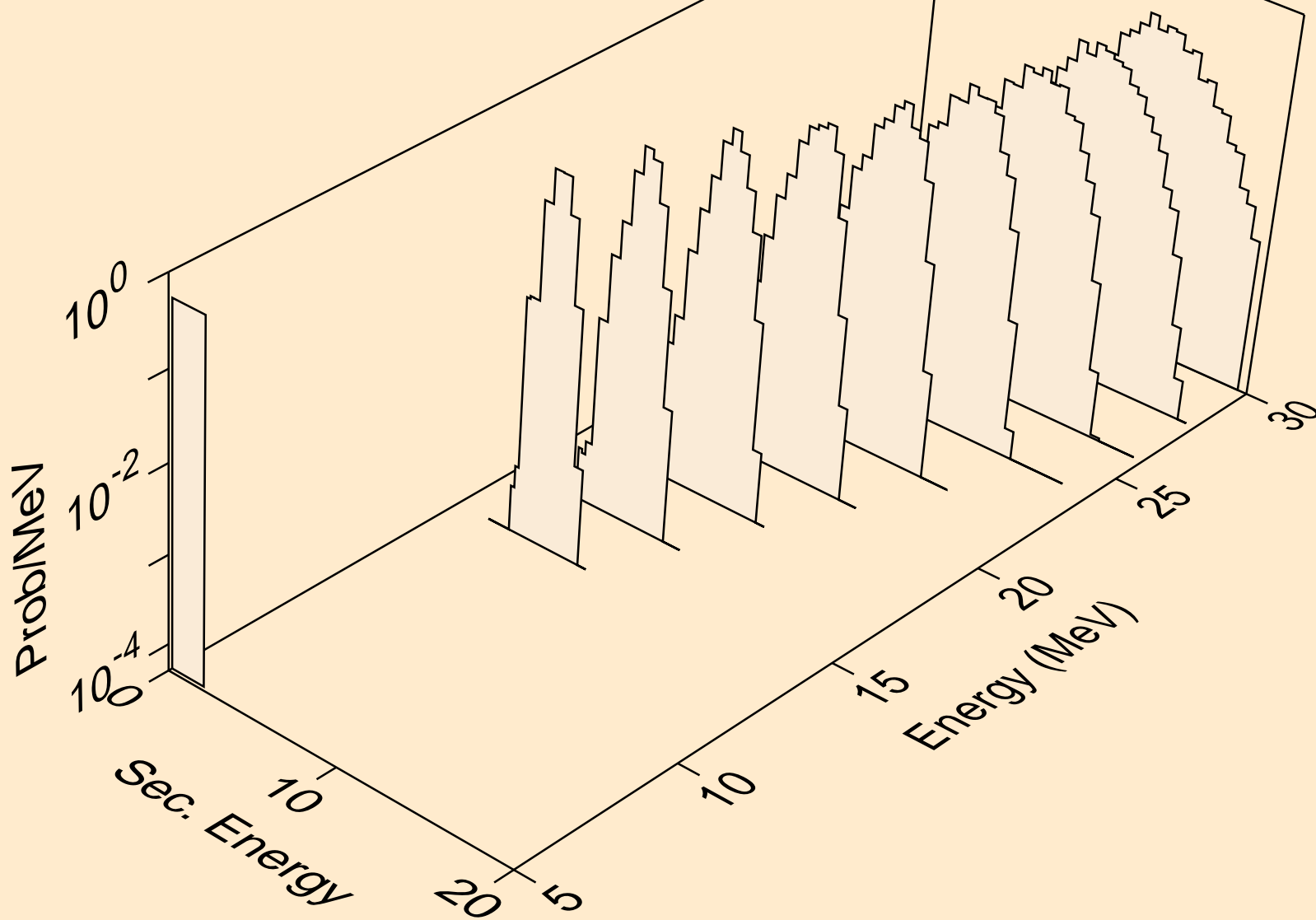
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



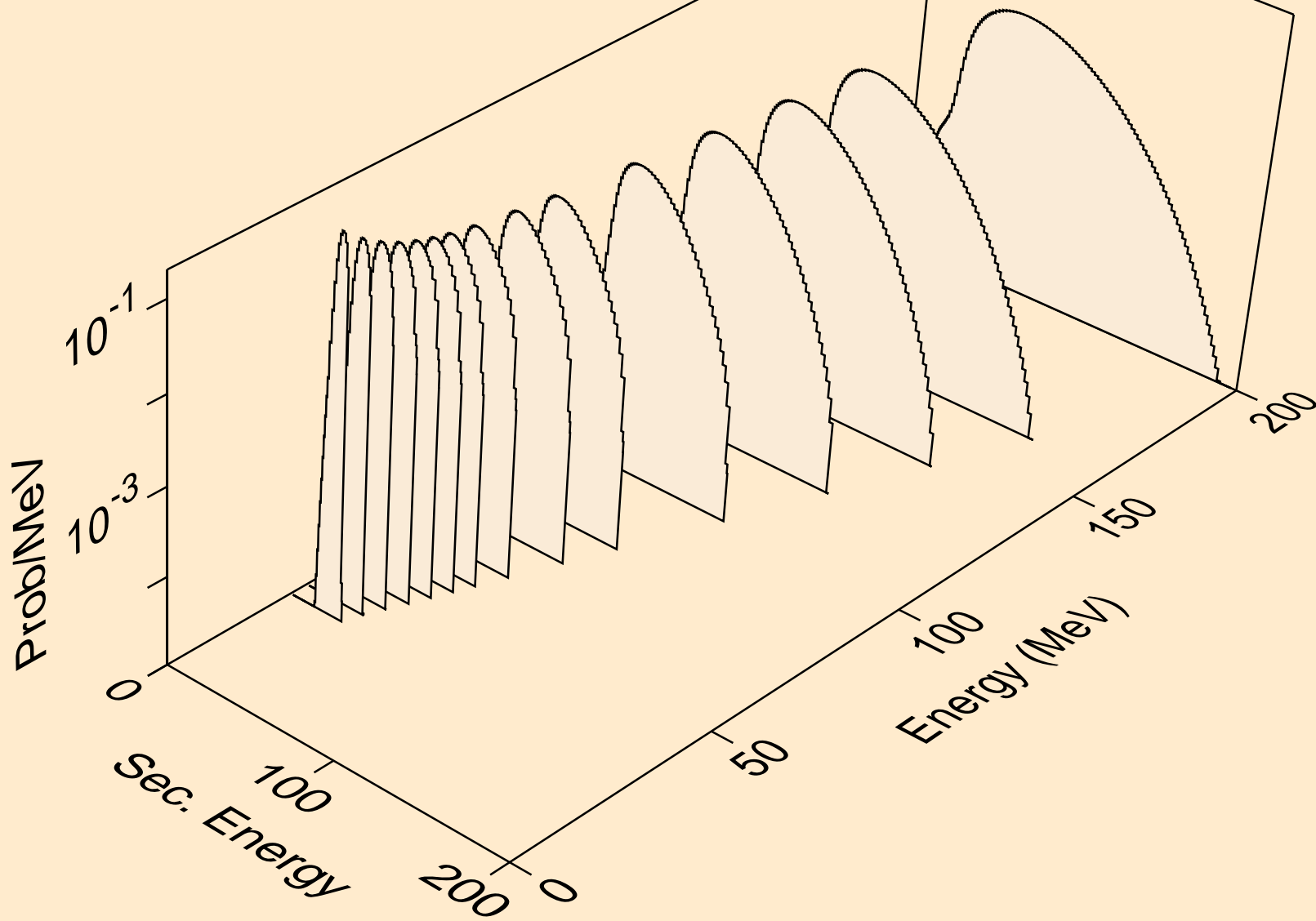
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



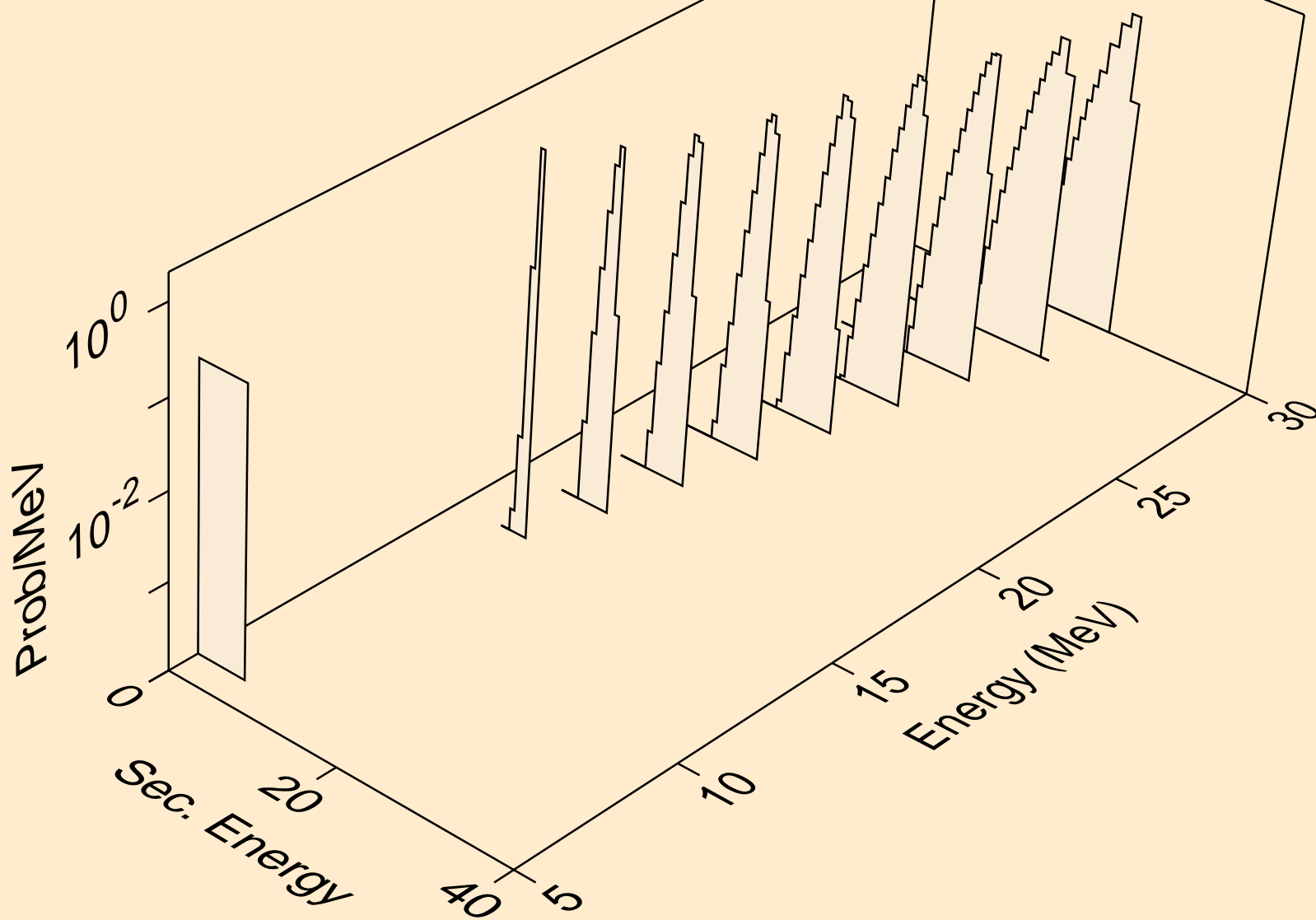
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



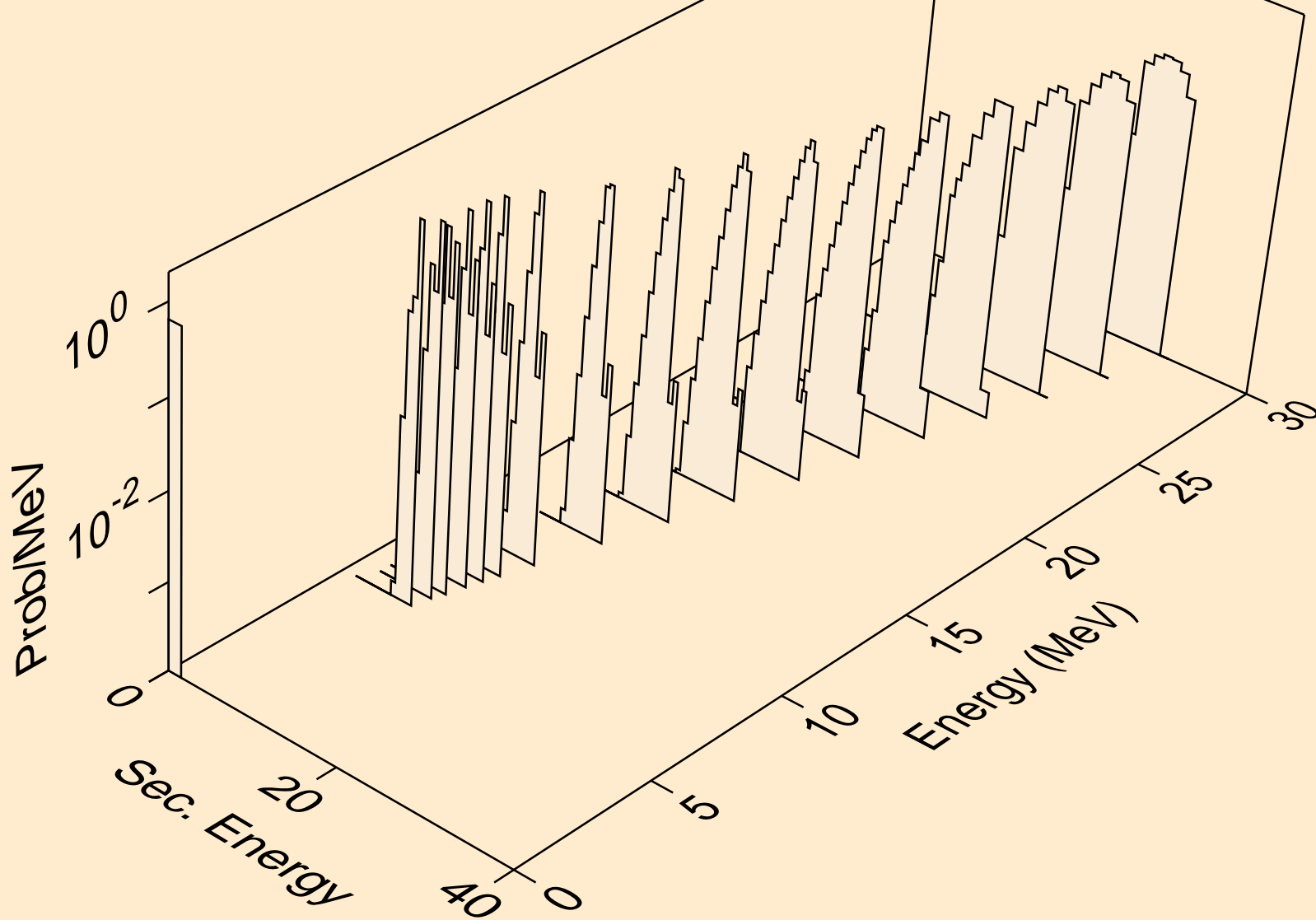
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



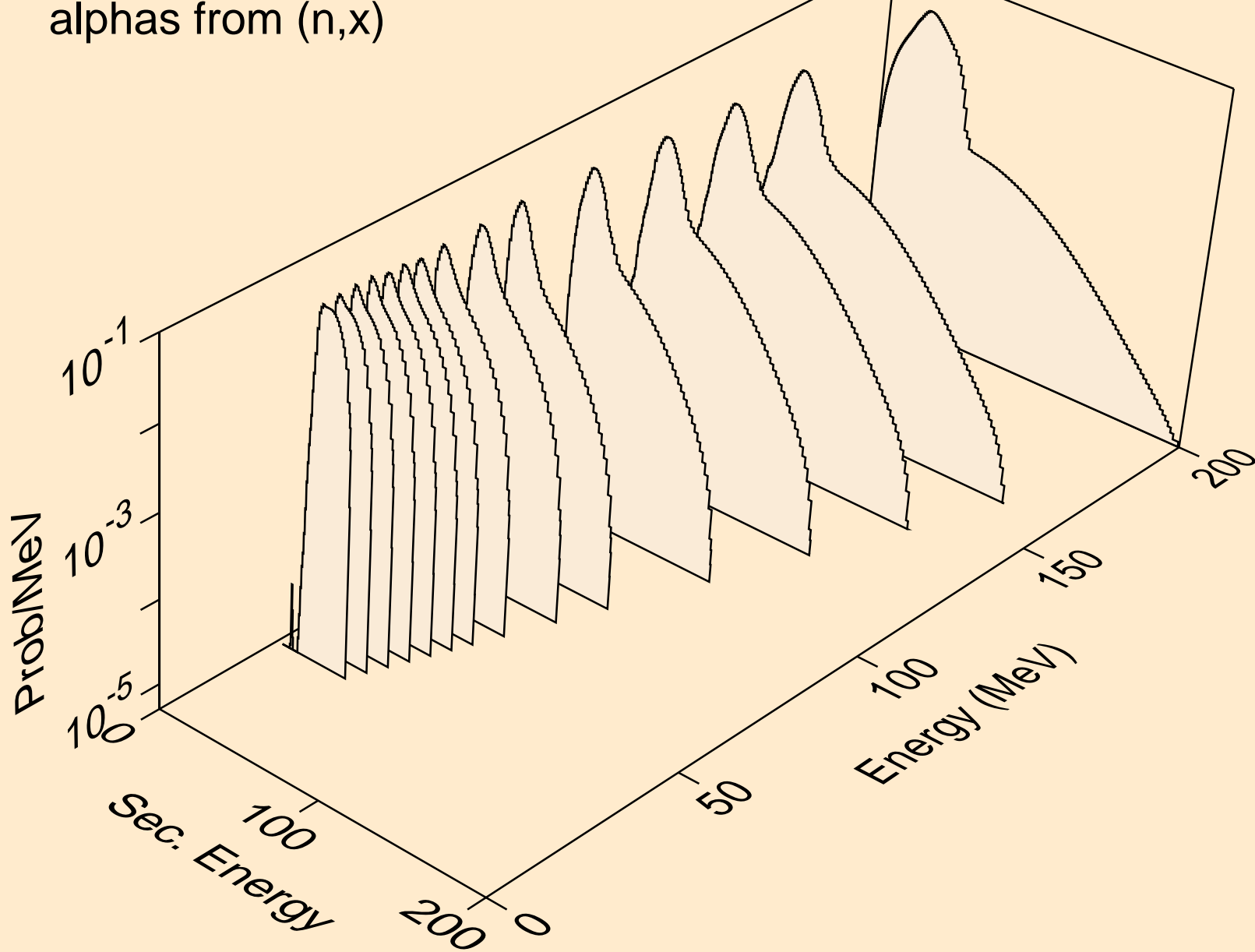
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



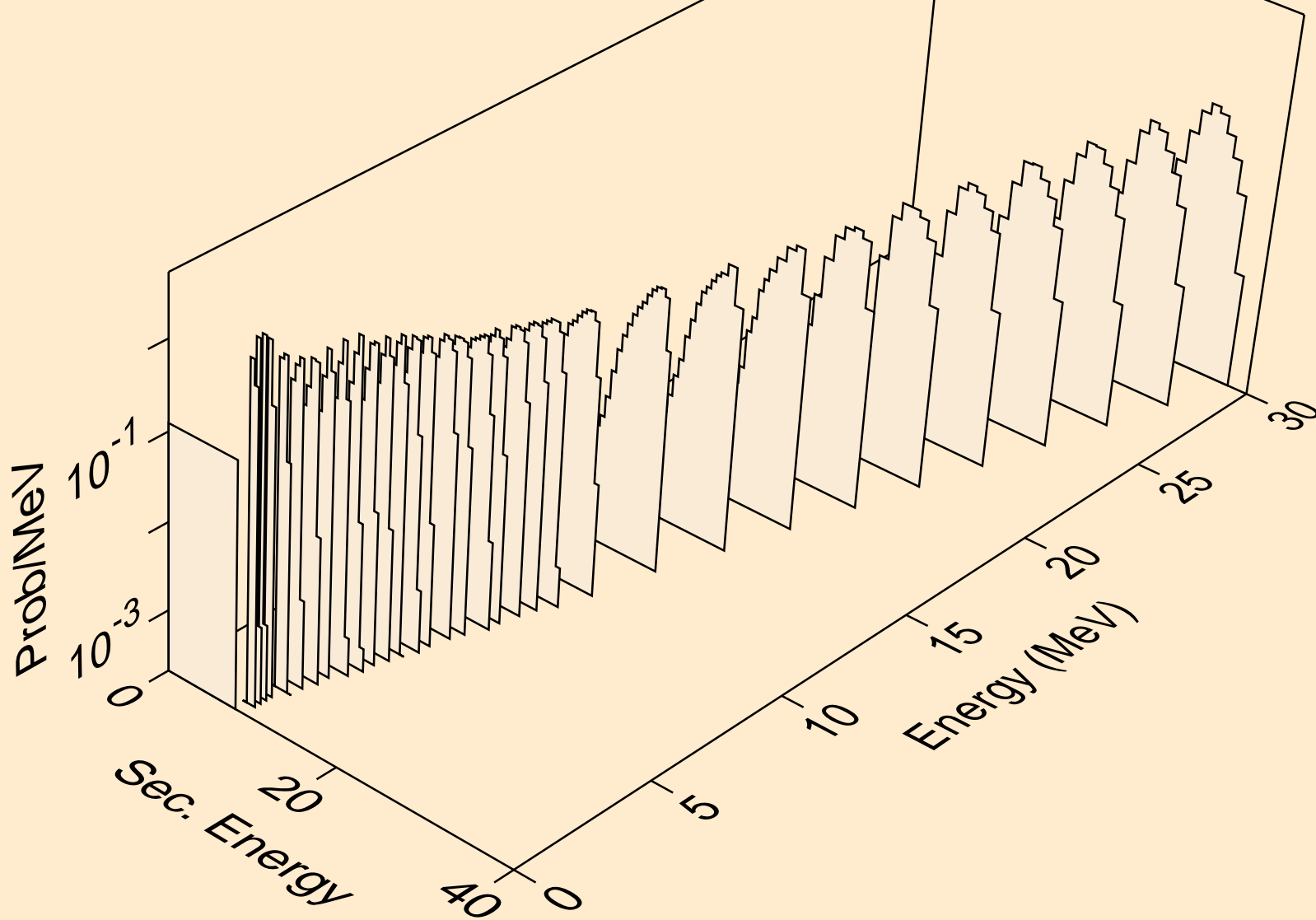
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



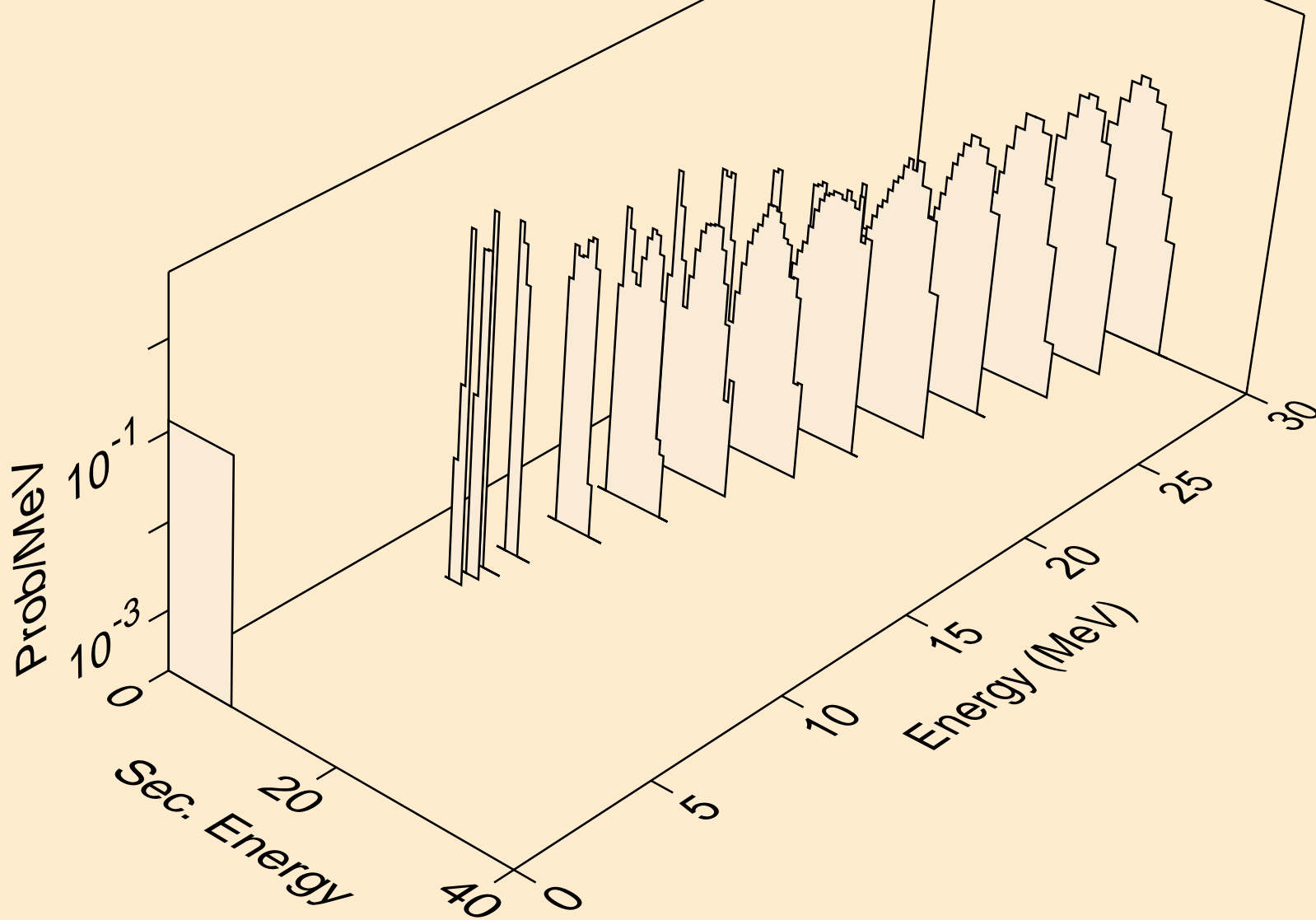
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



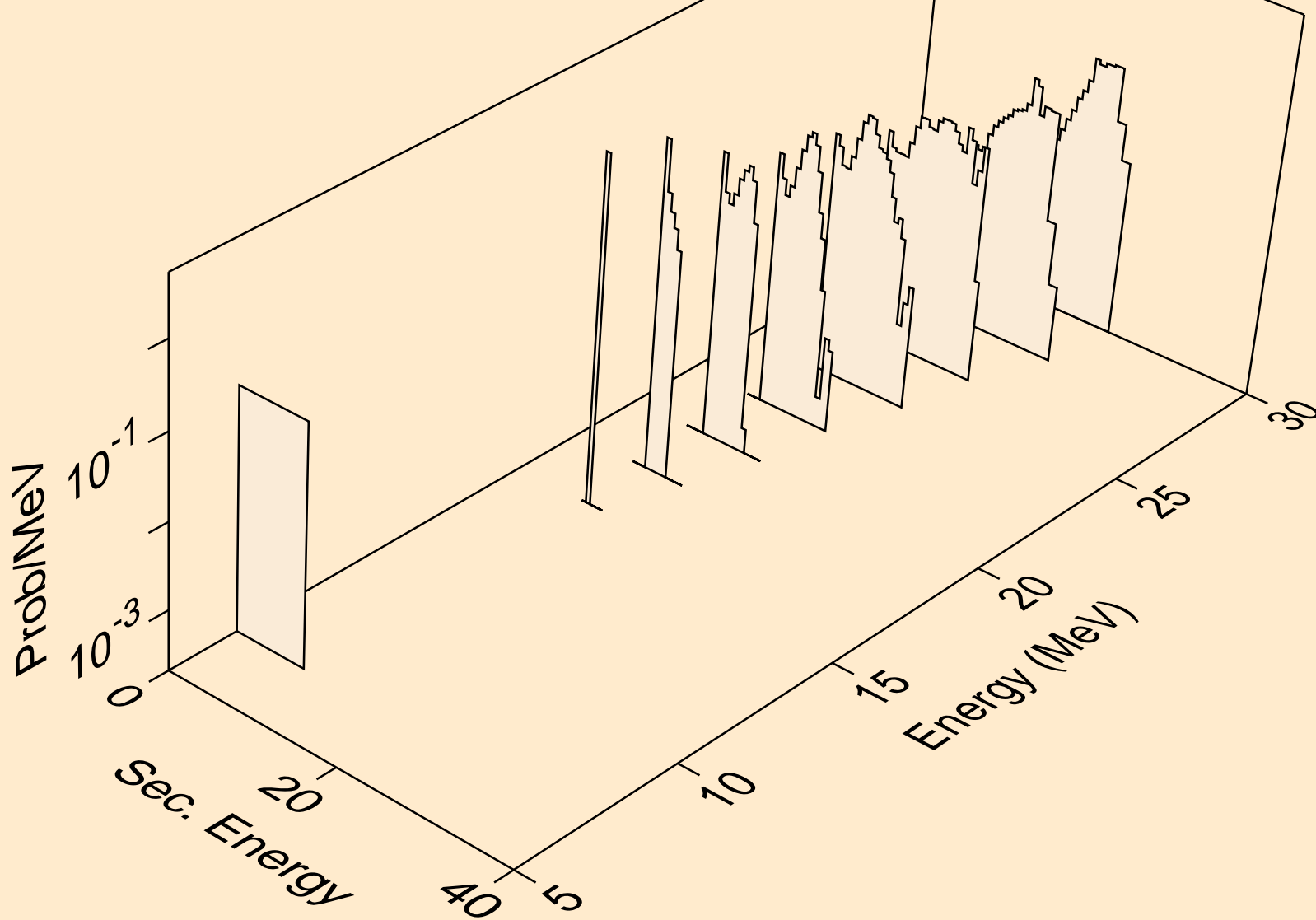
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



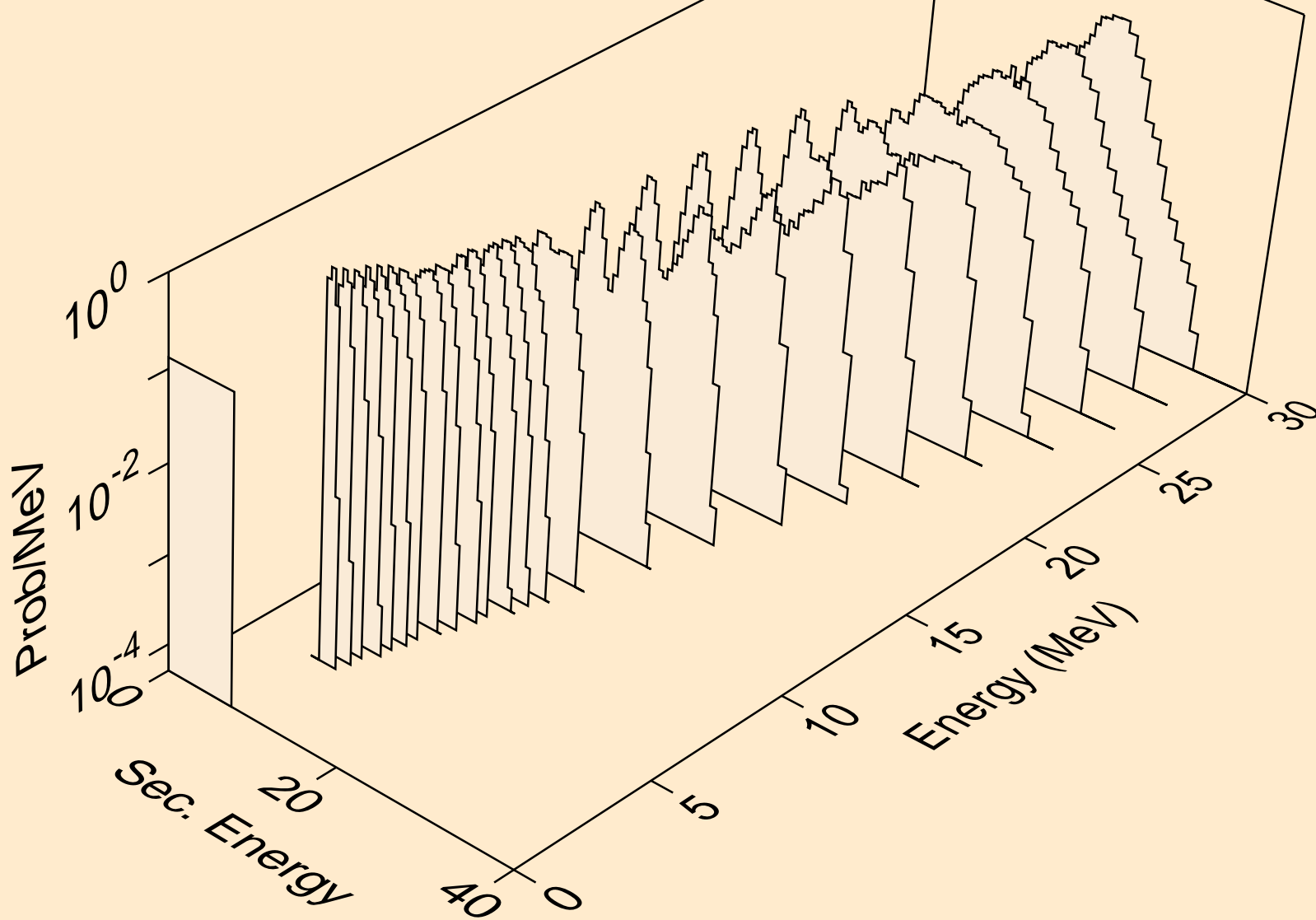
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



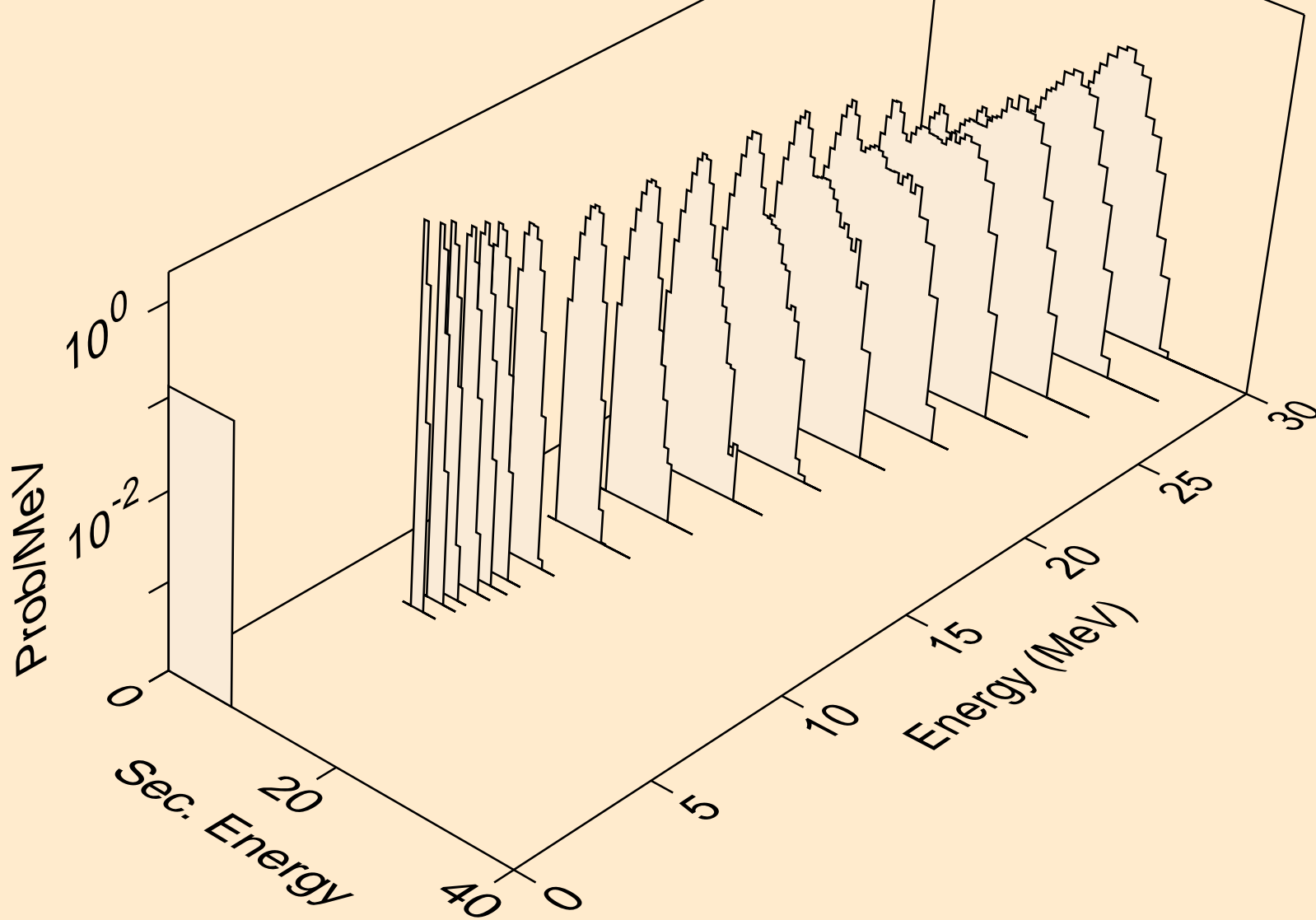
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



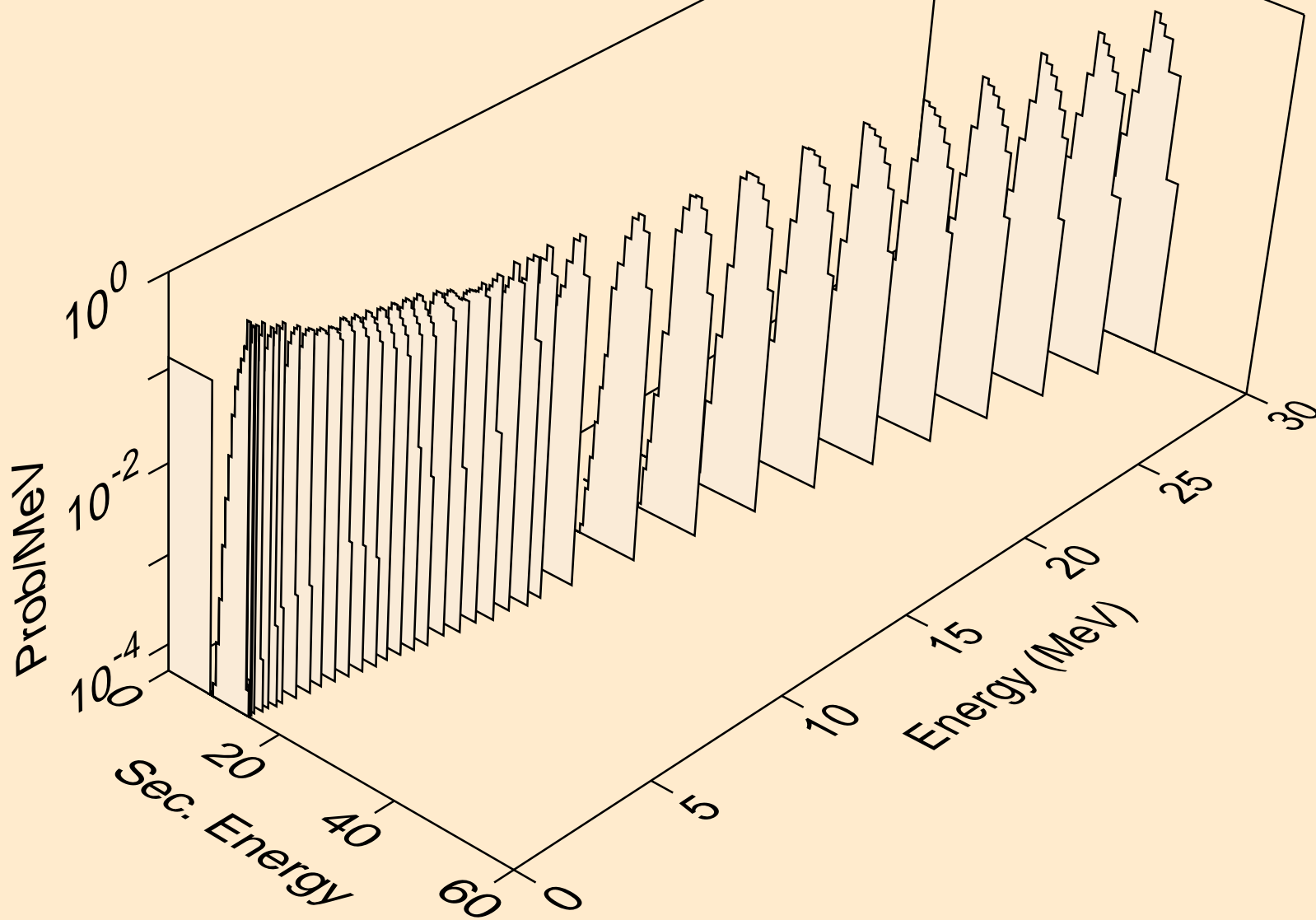
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



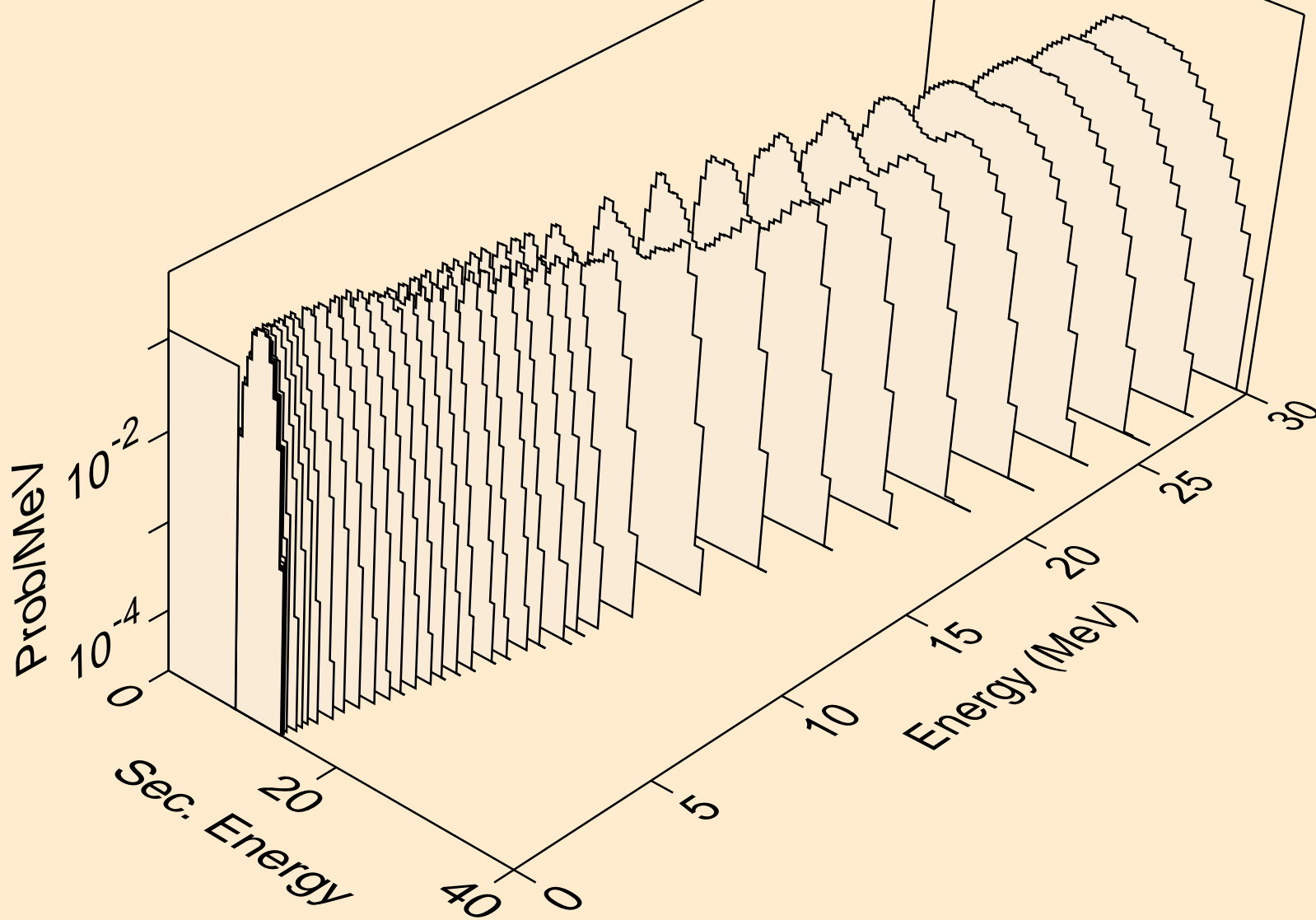
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



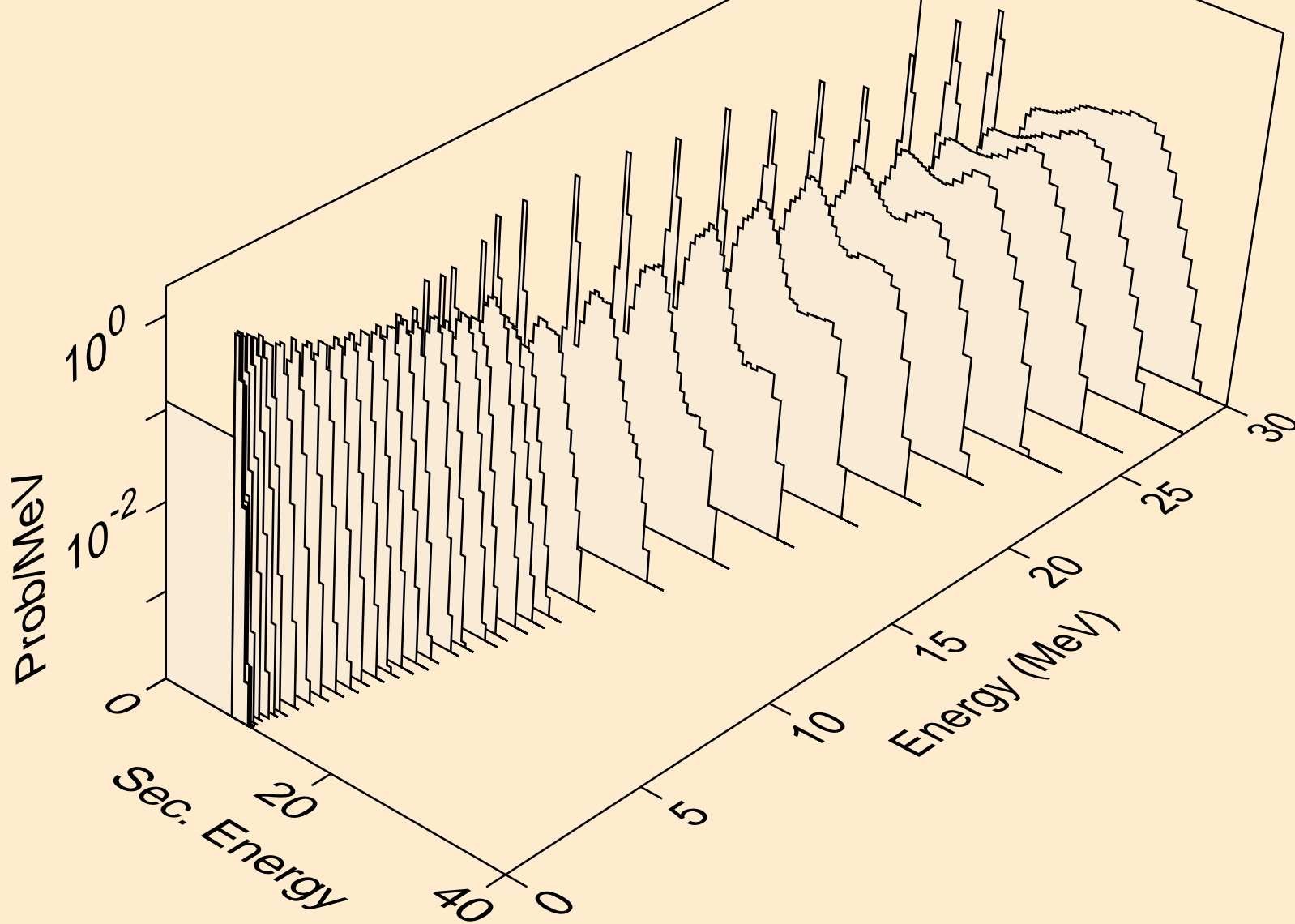
ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



ES243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

