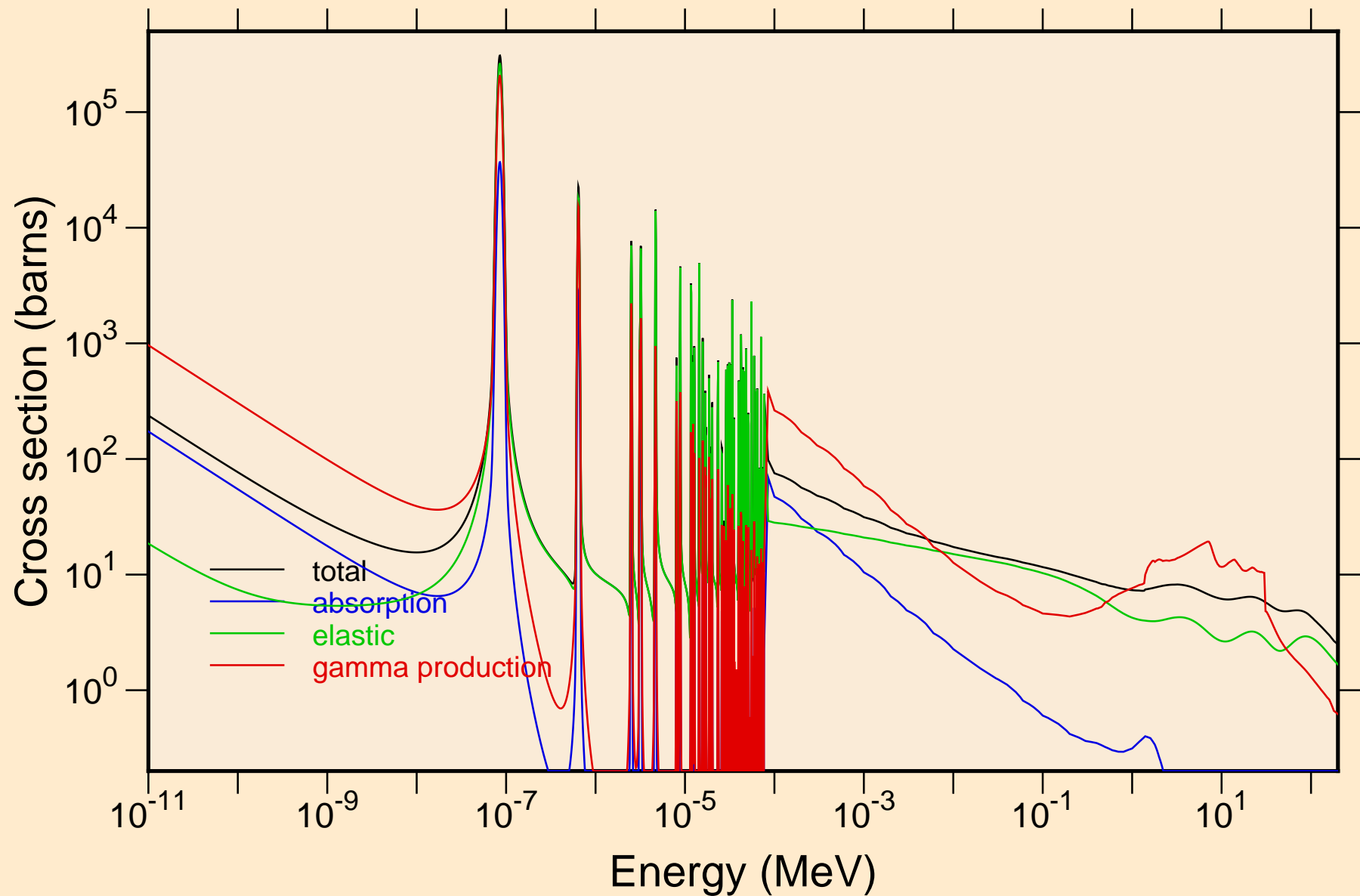
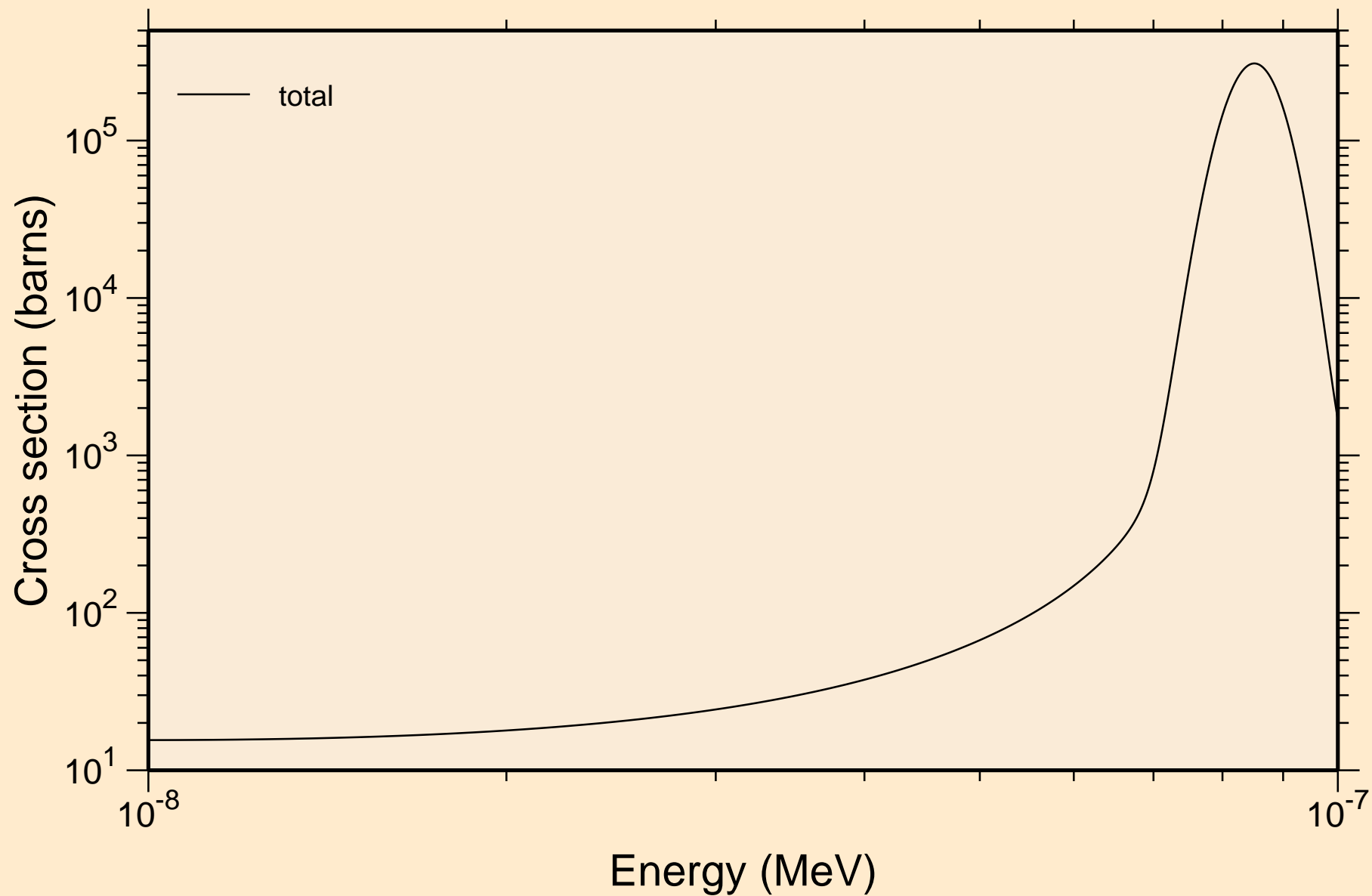


ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

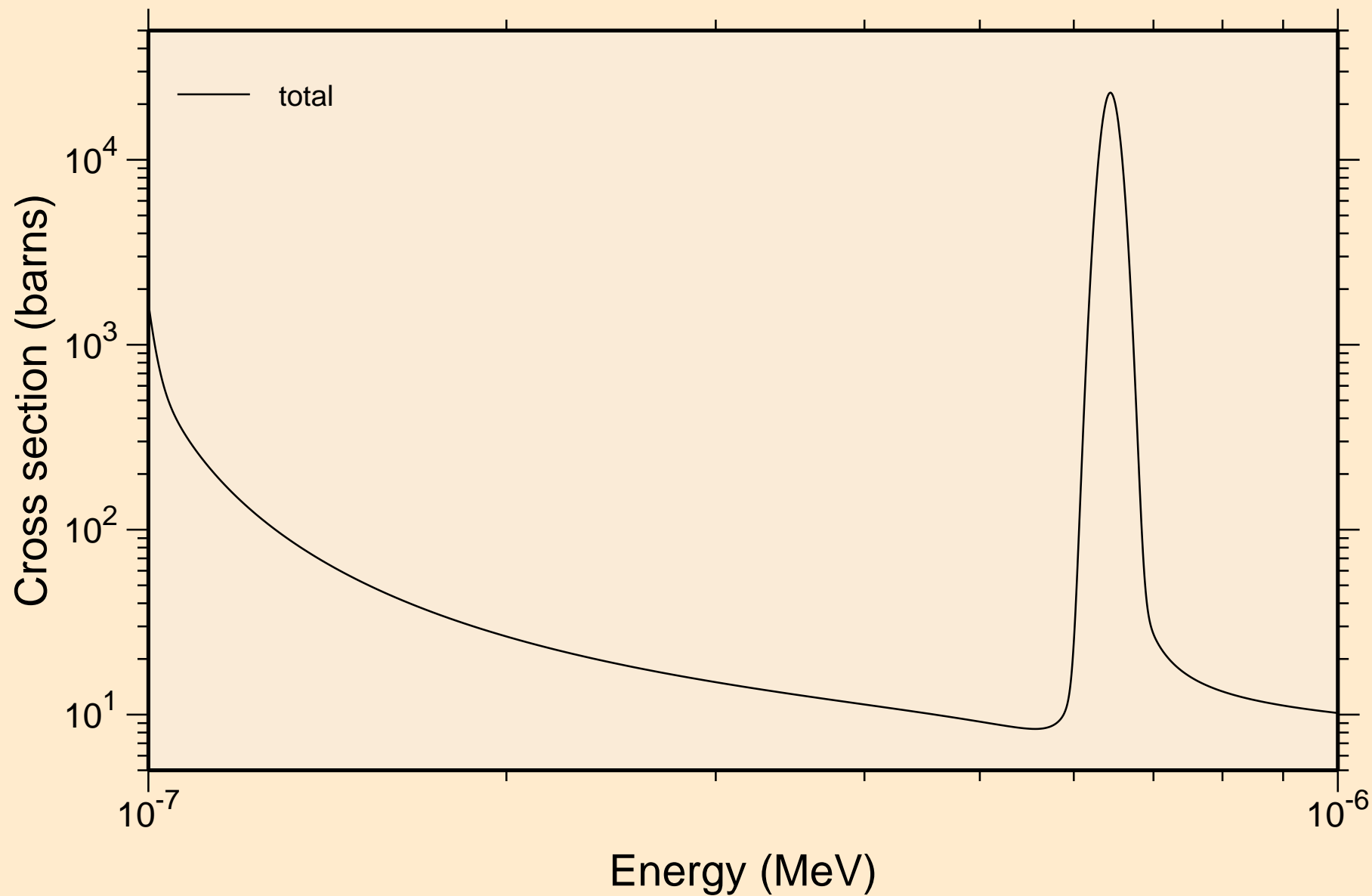
Principal cross sections



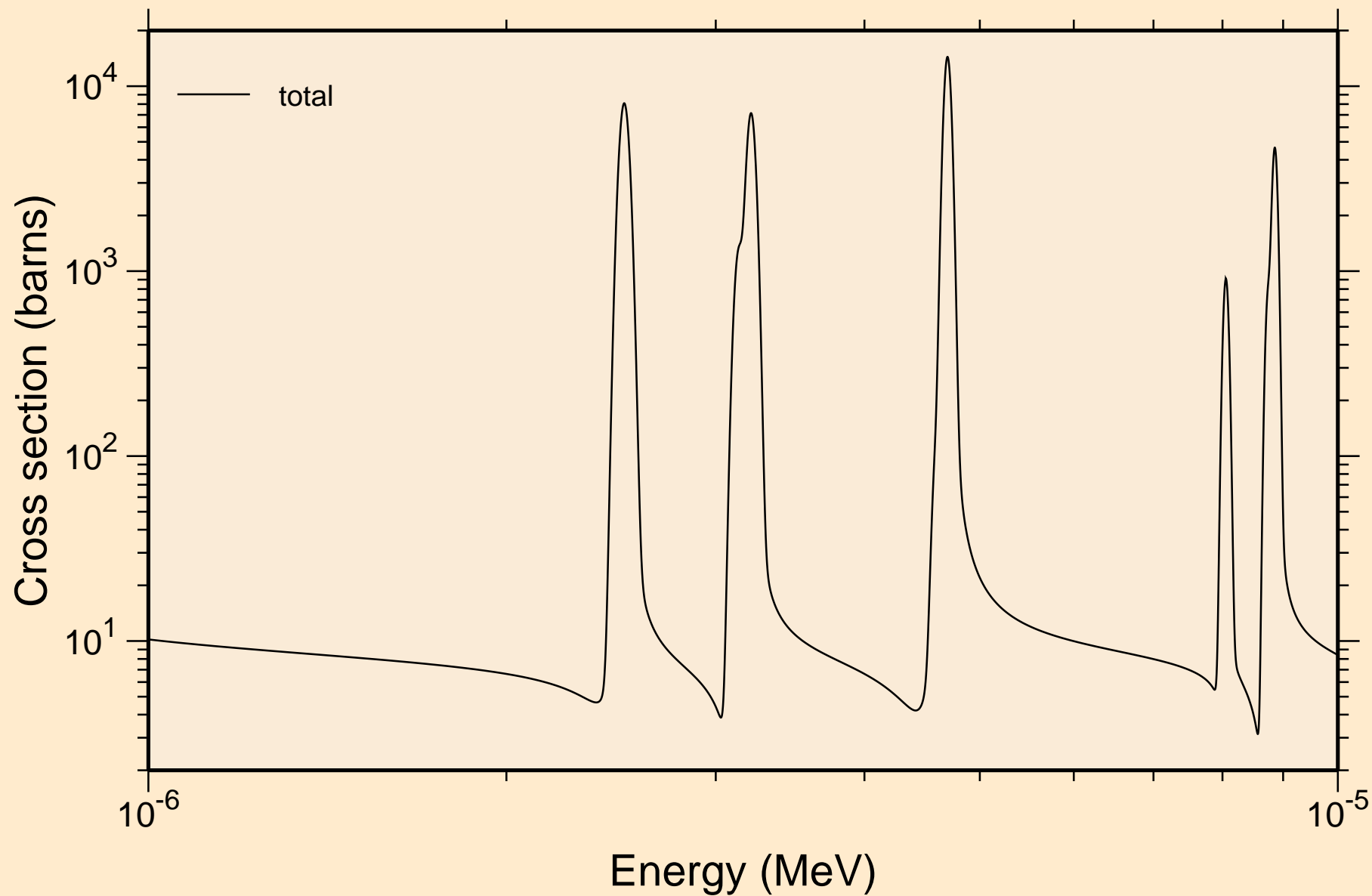
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



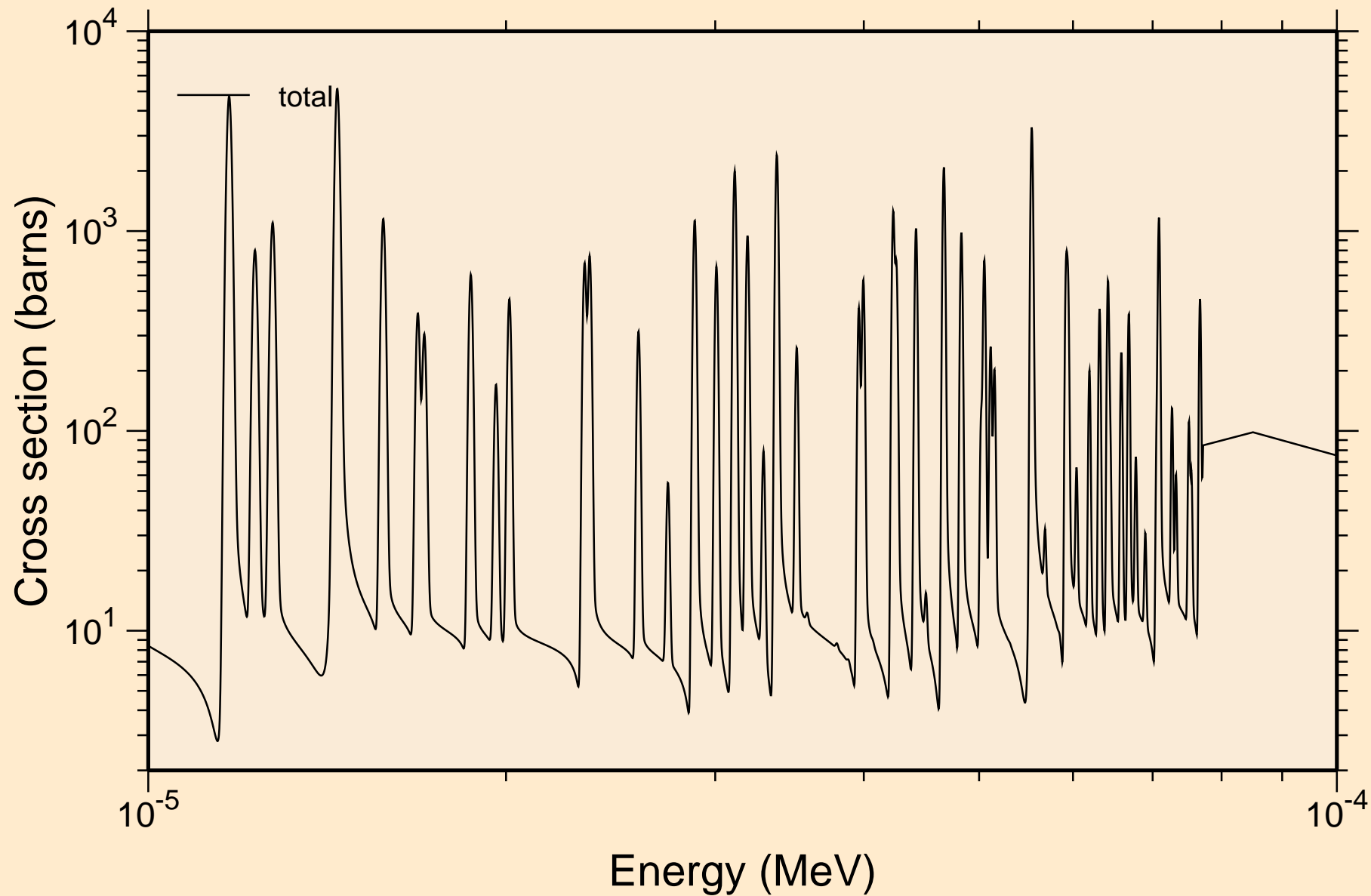
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



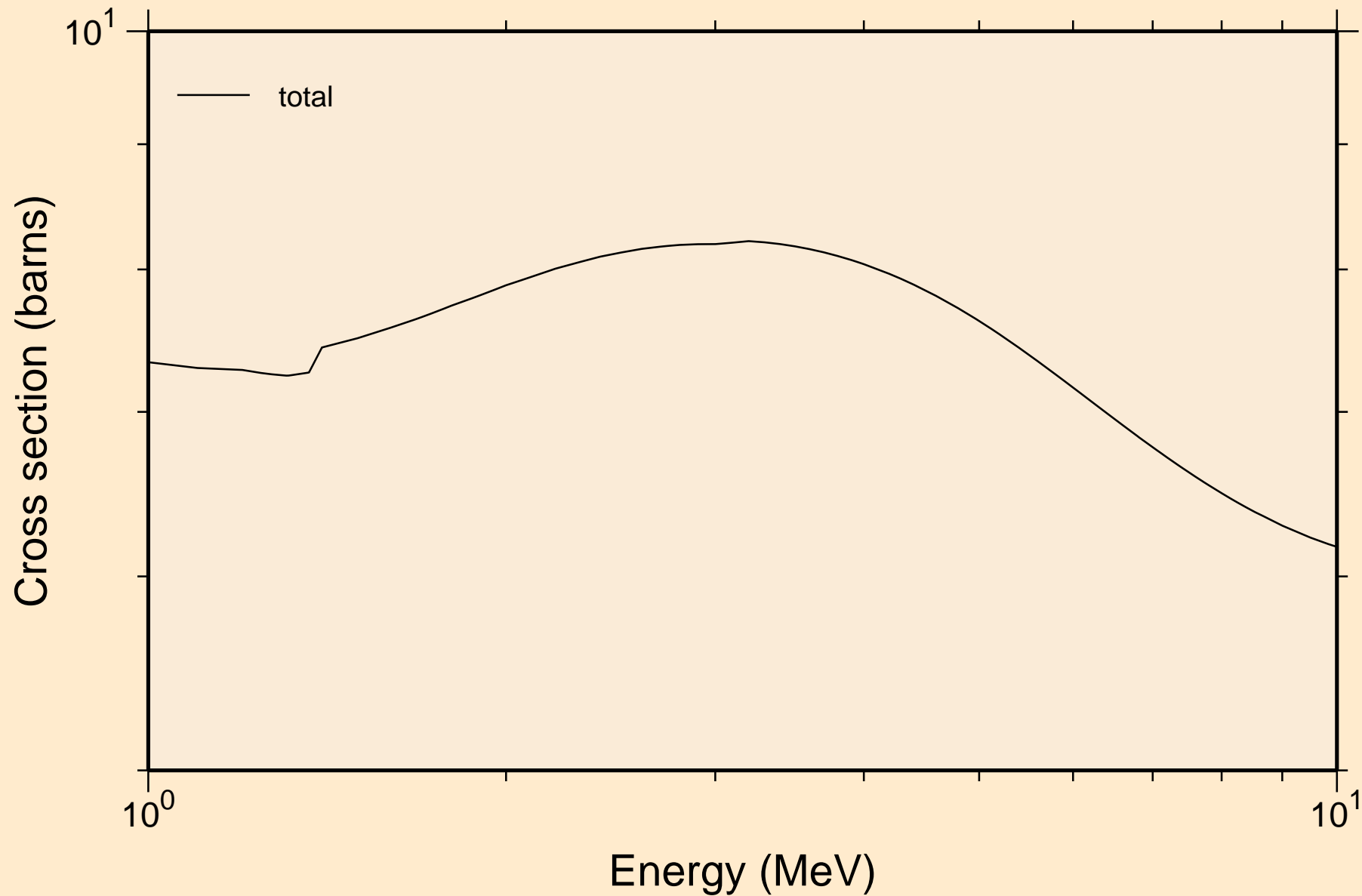
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



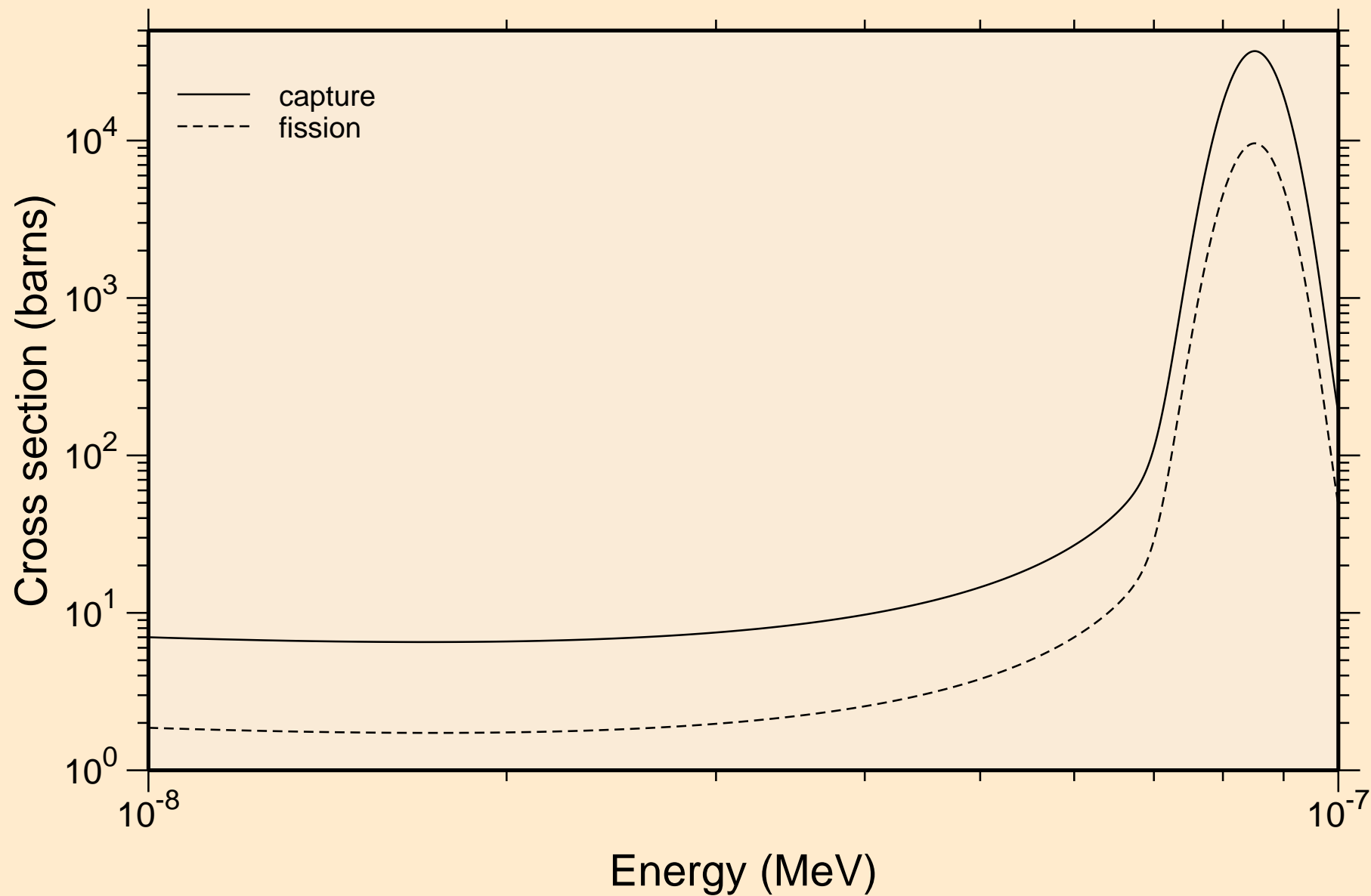
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



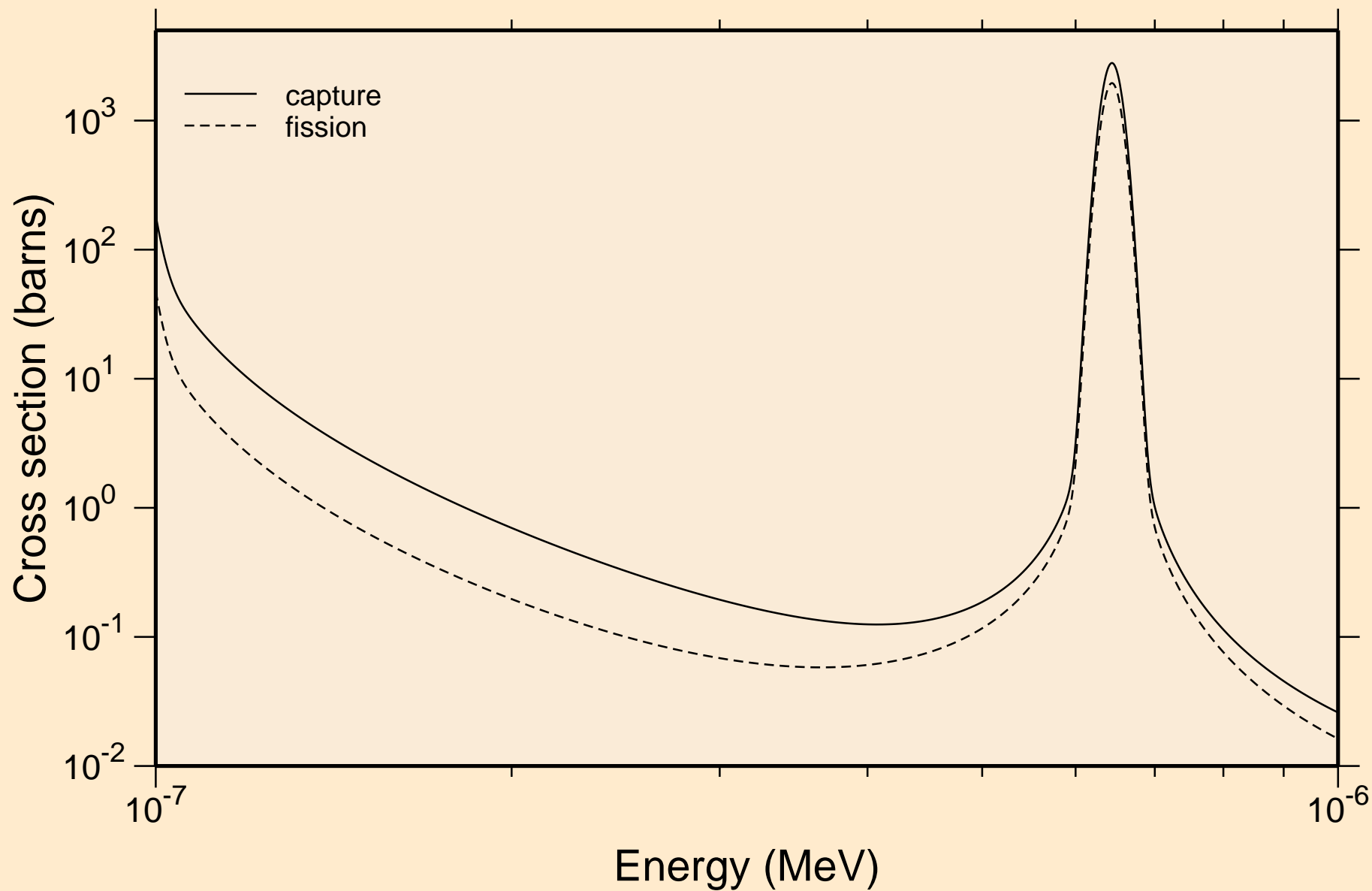
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



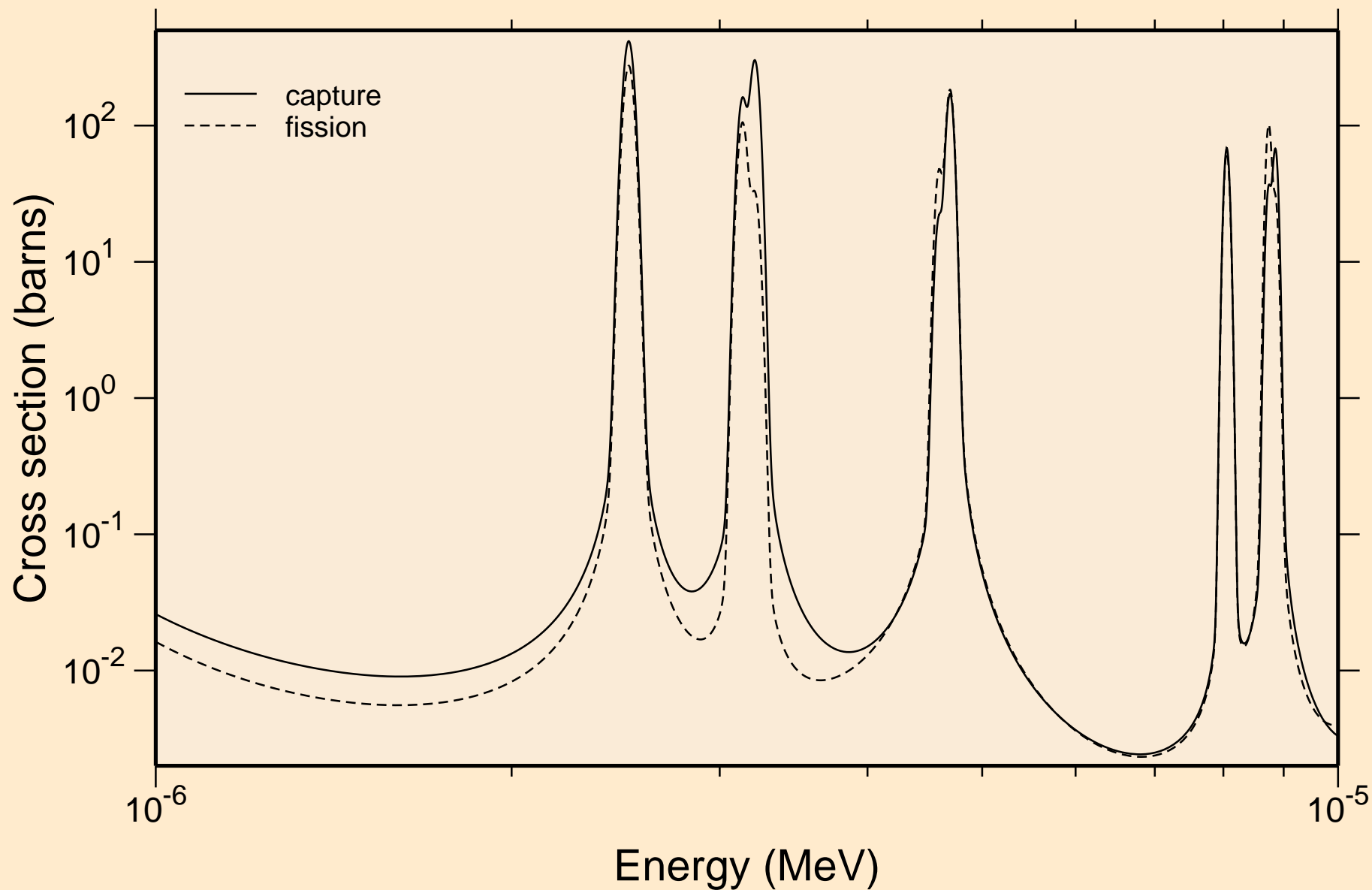
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



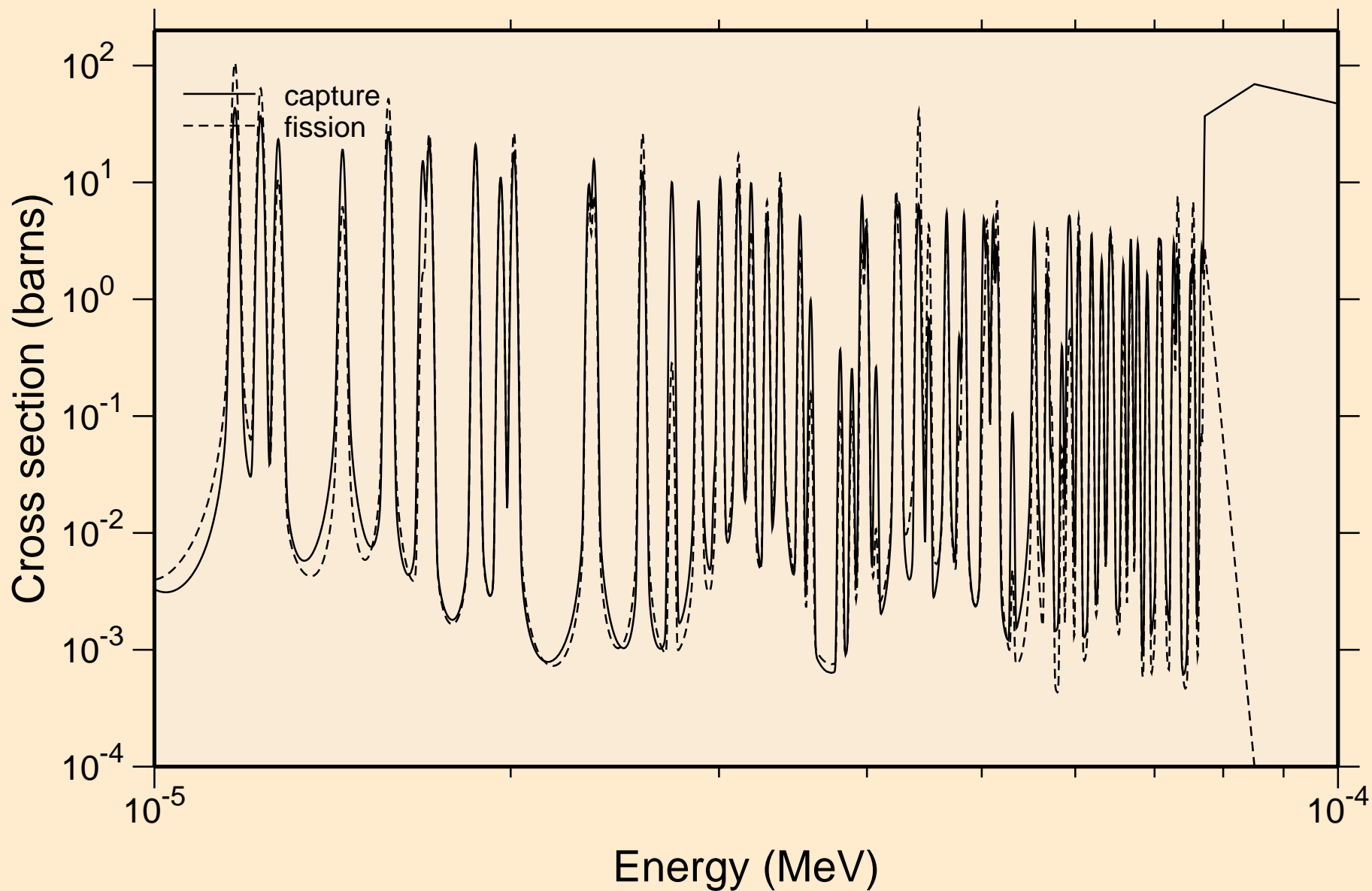
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



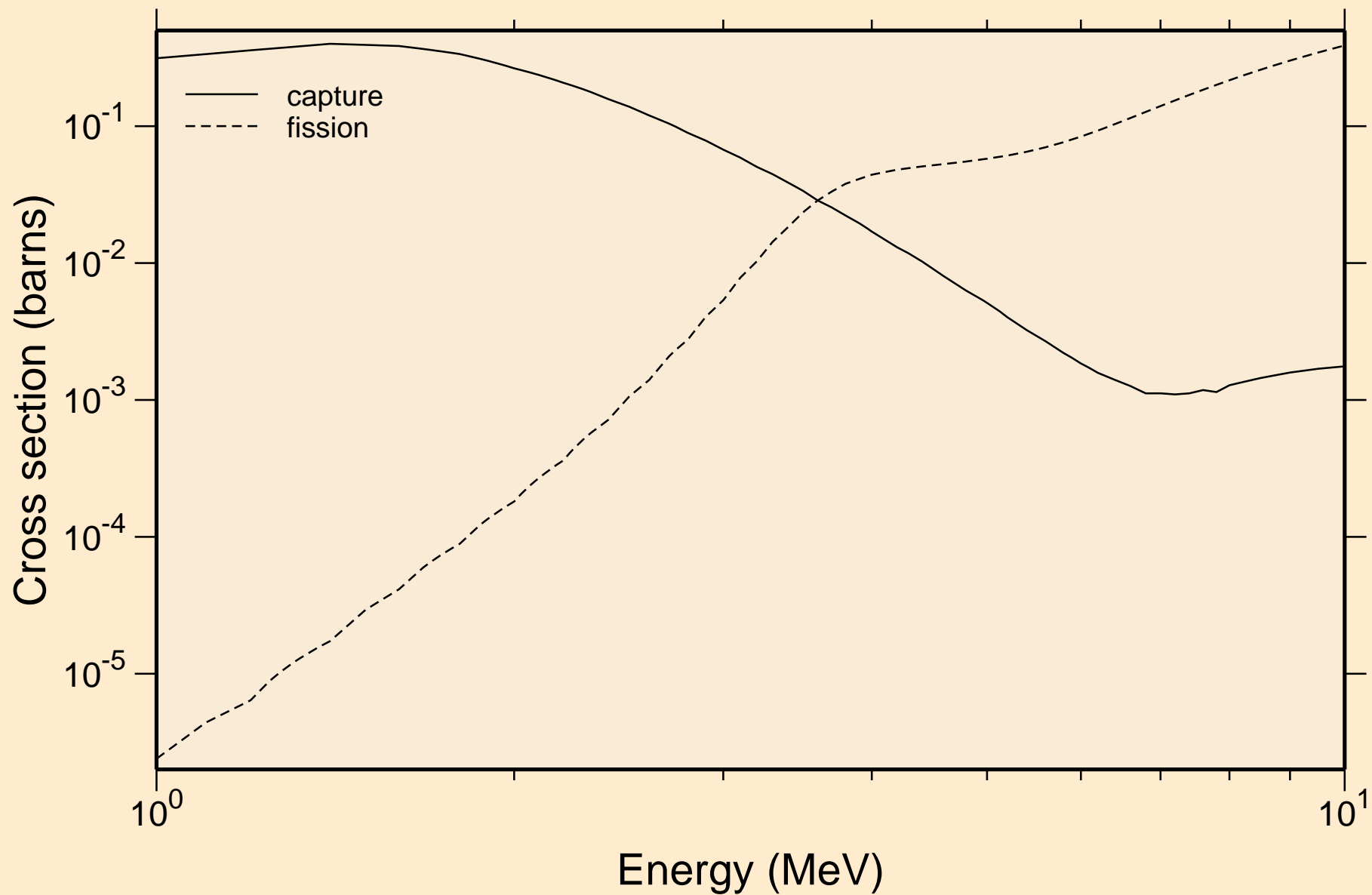
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



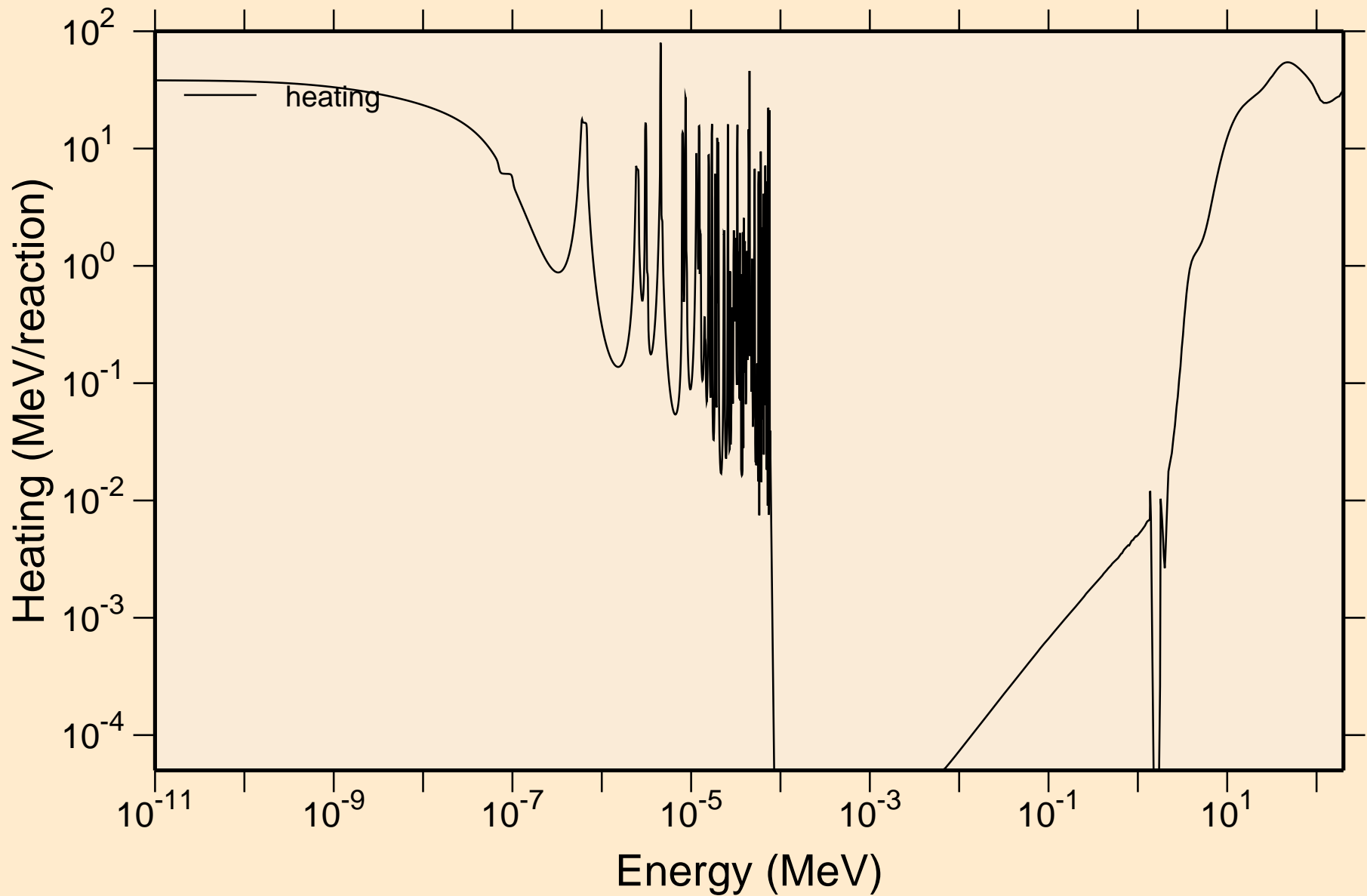
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections

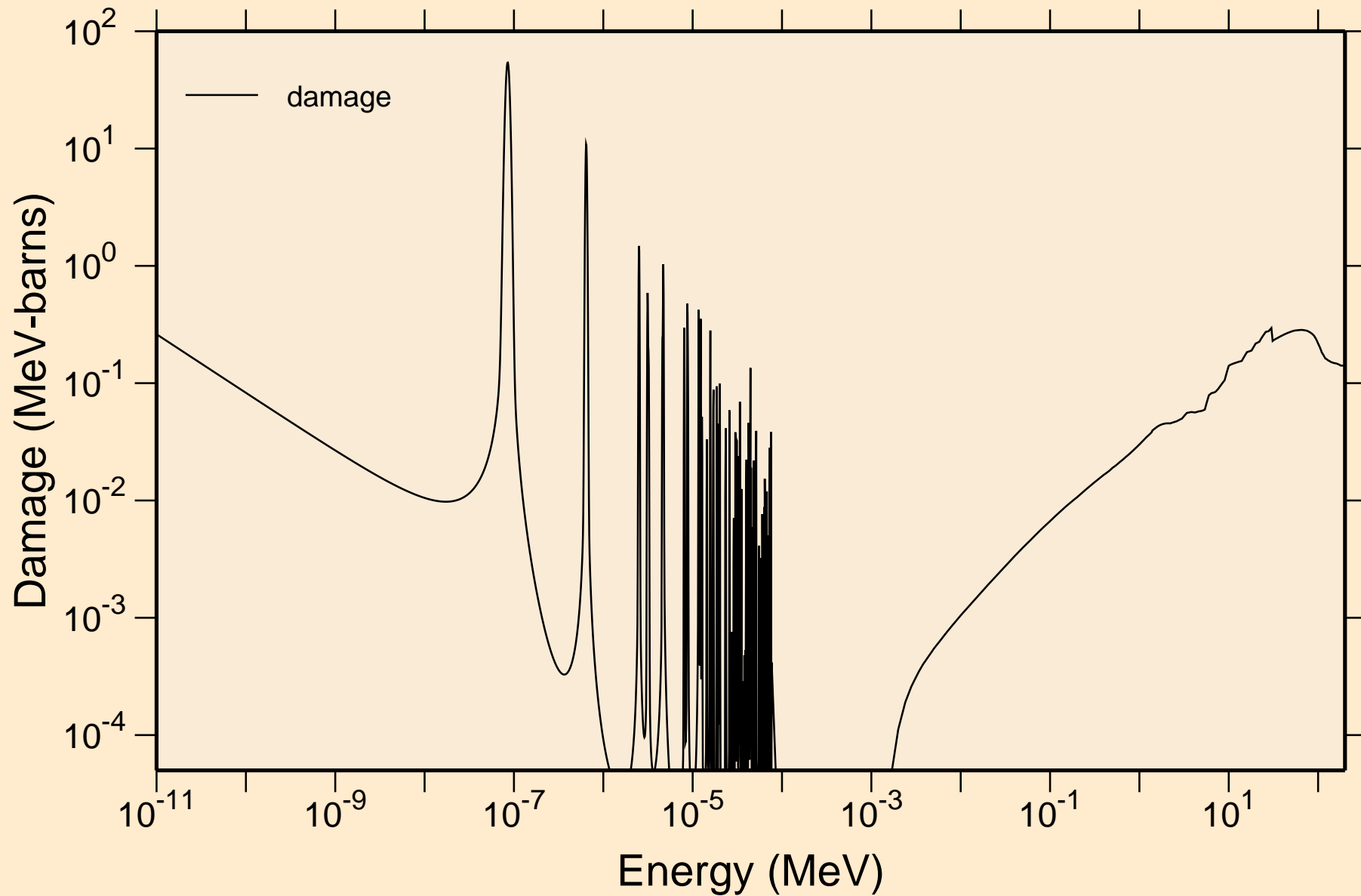


ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating

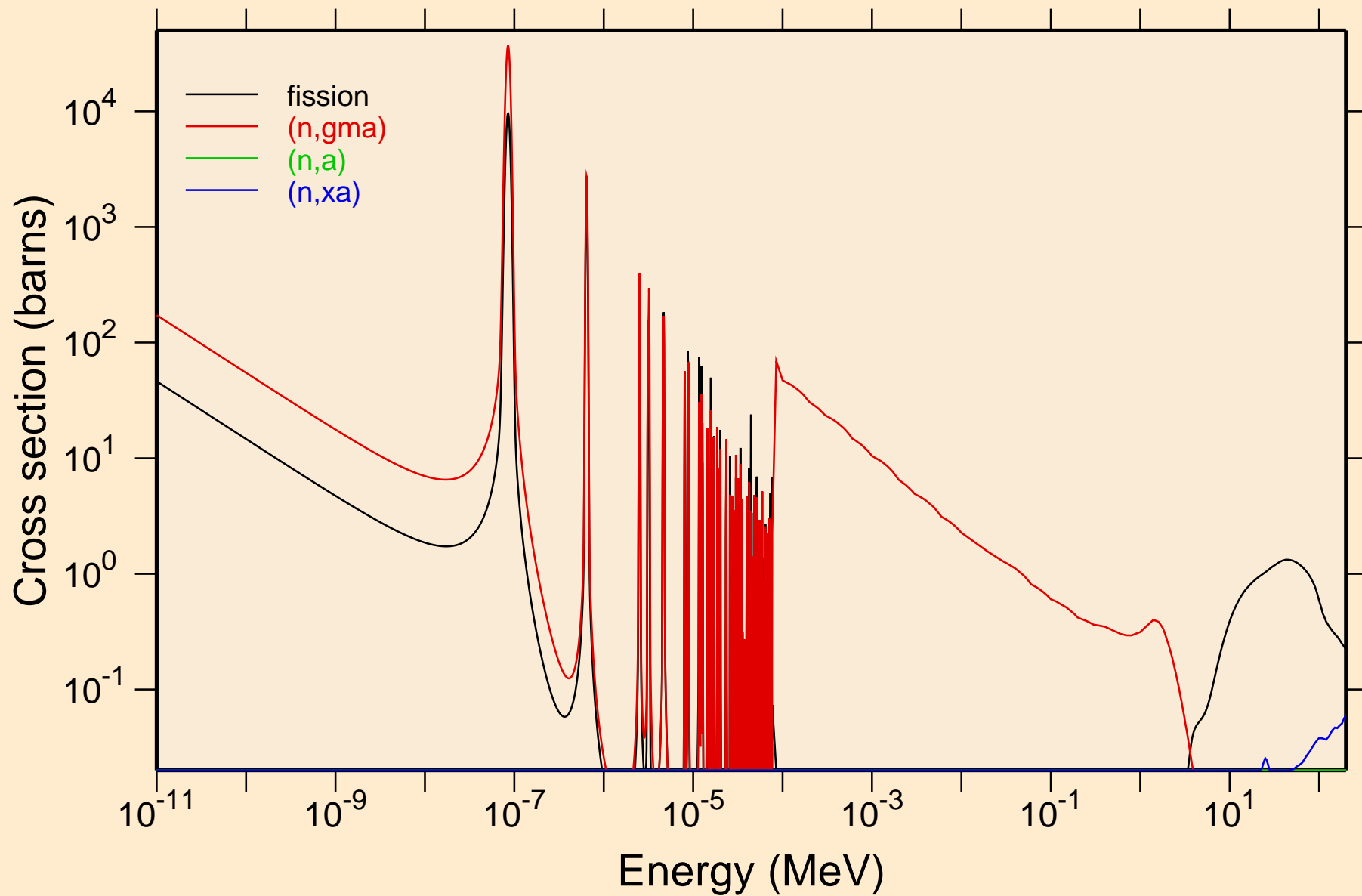


ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

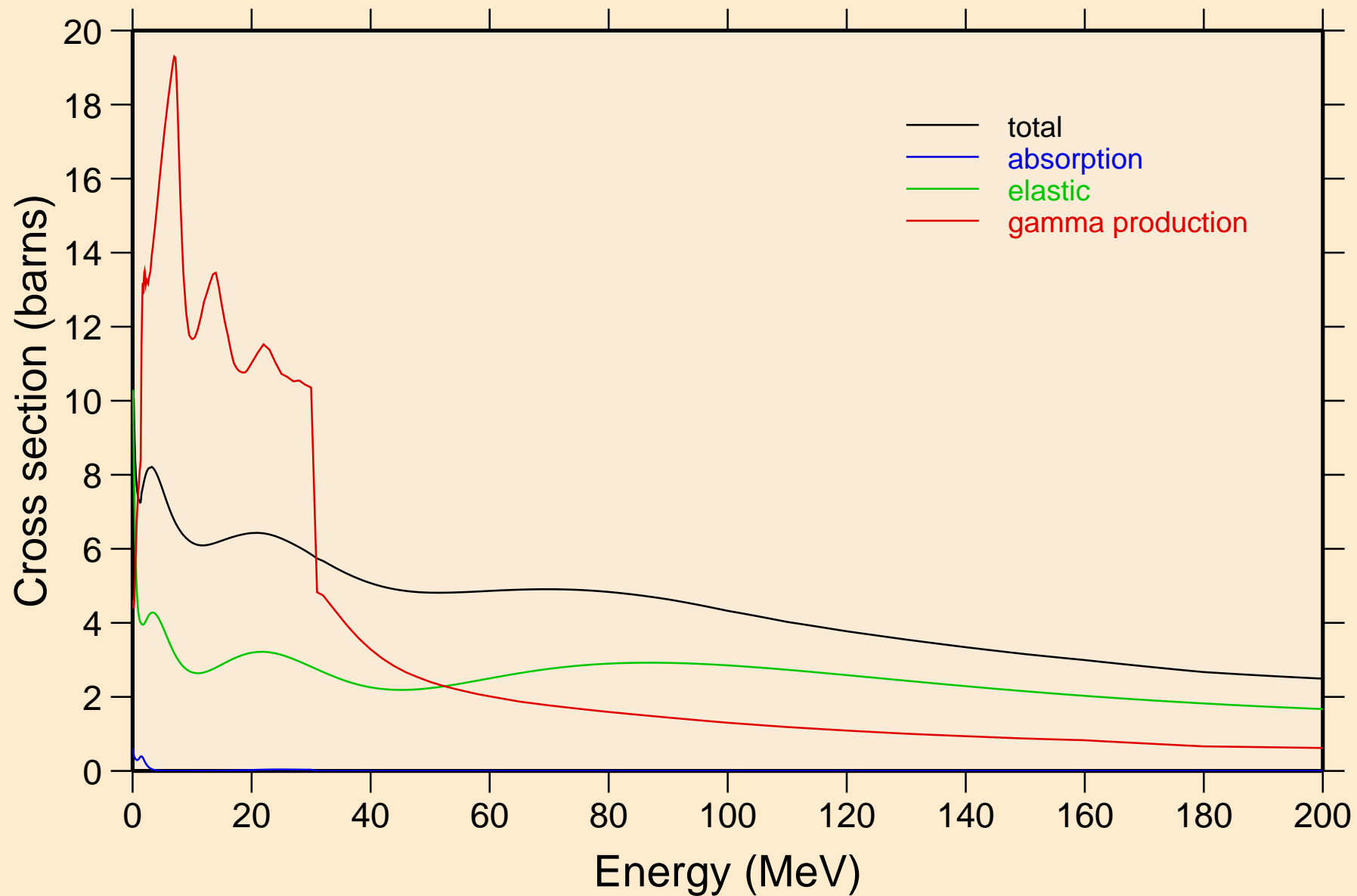
Damage



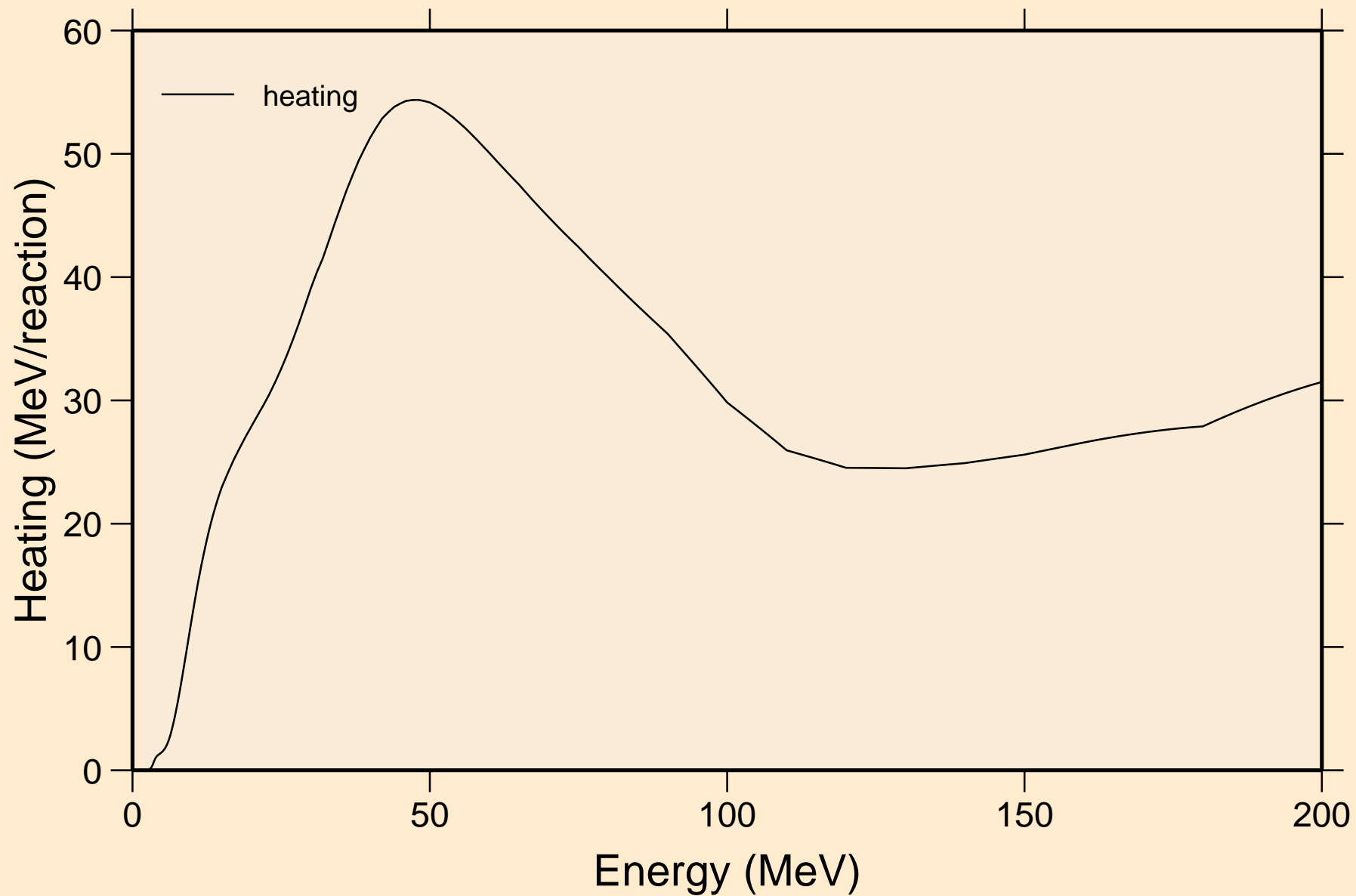
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



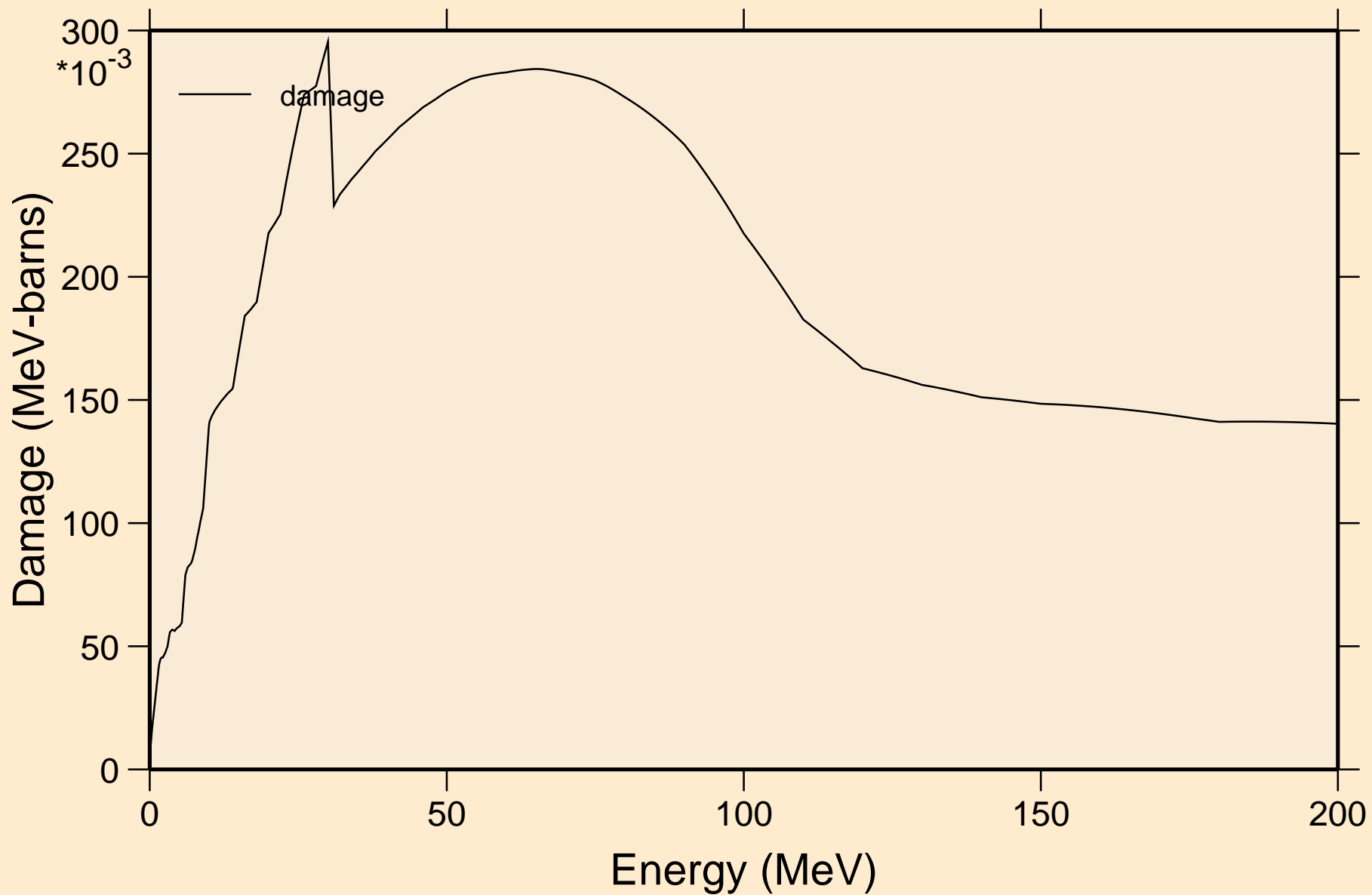
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



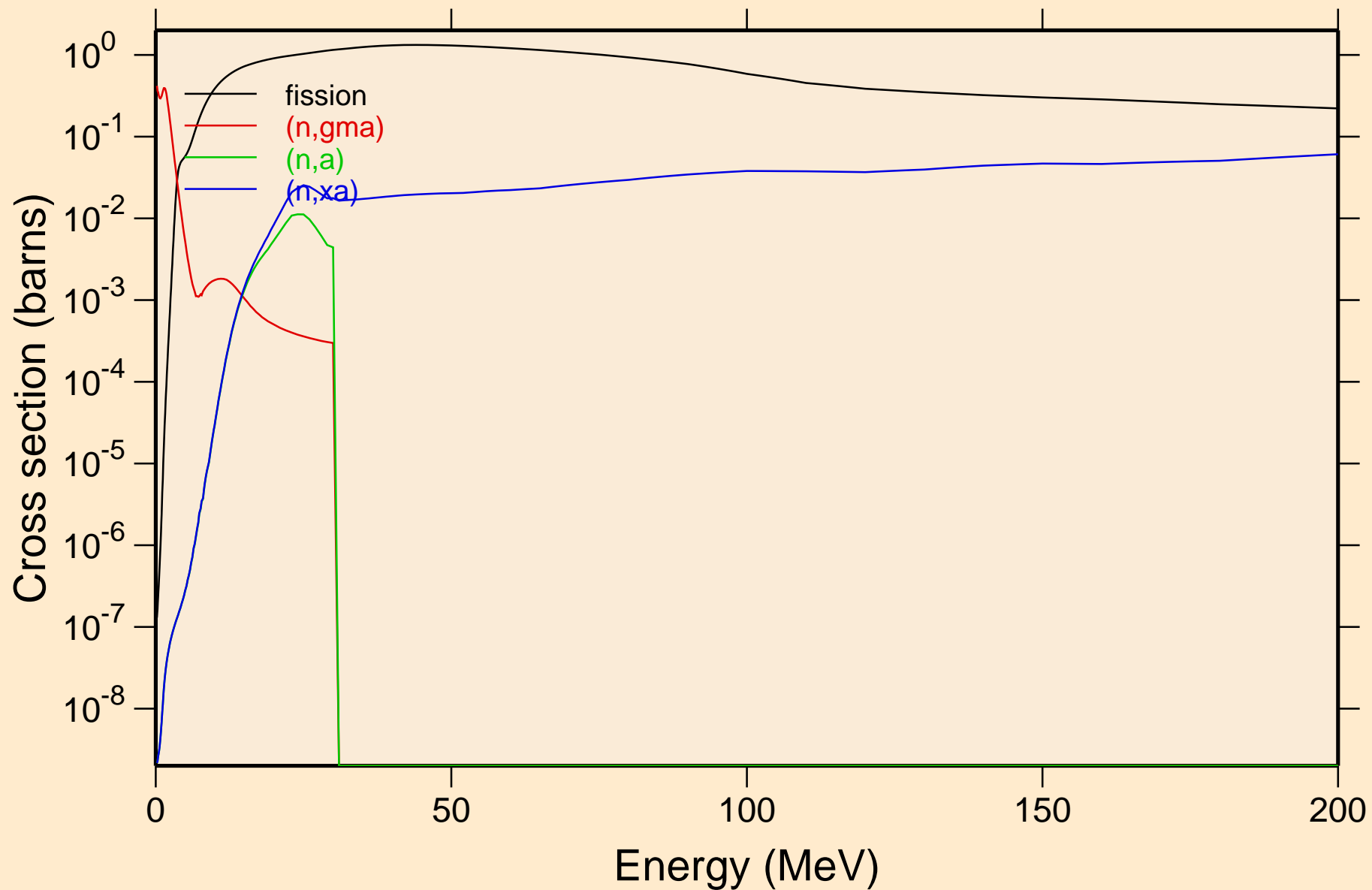
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



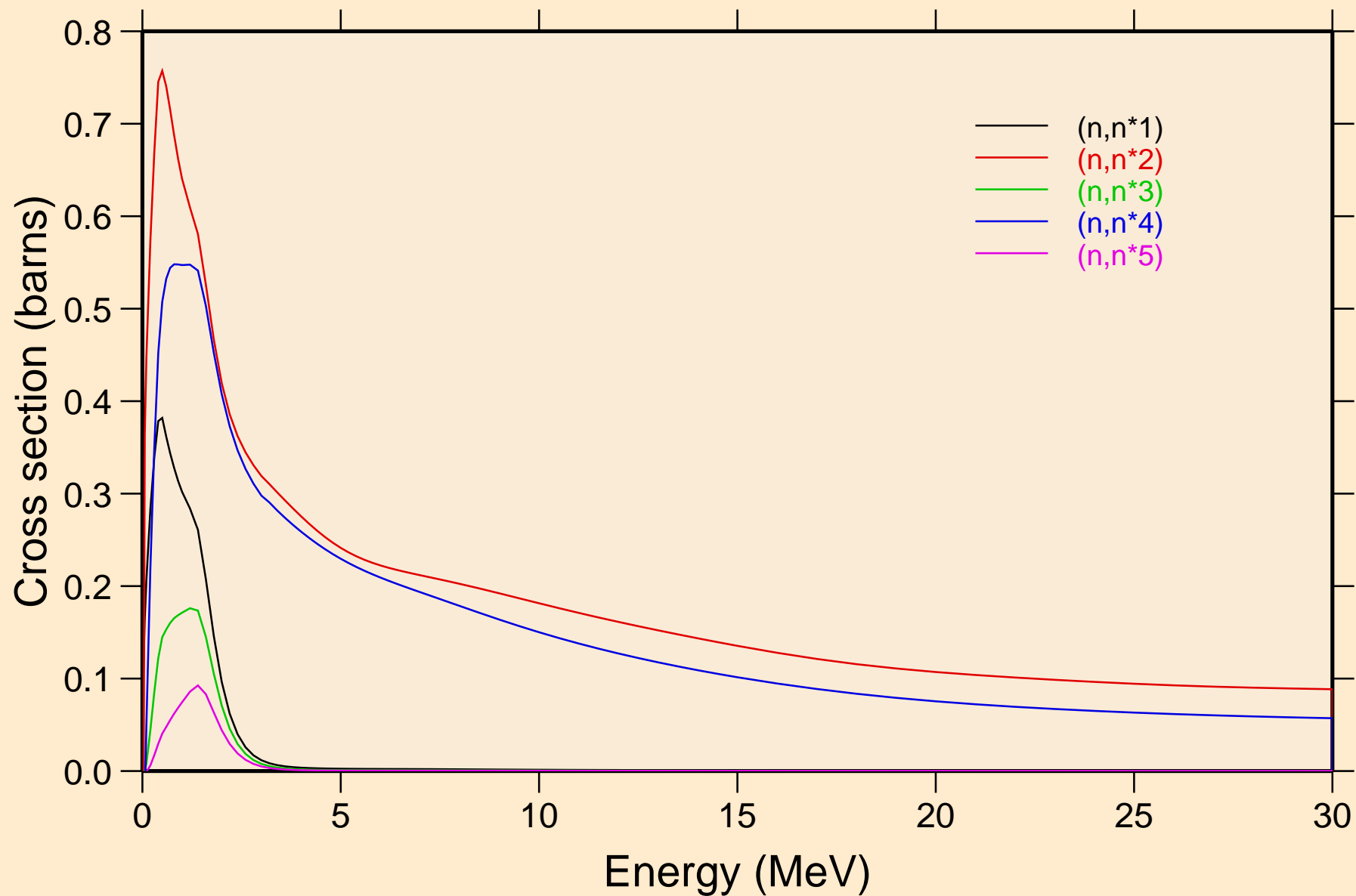
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



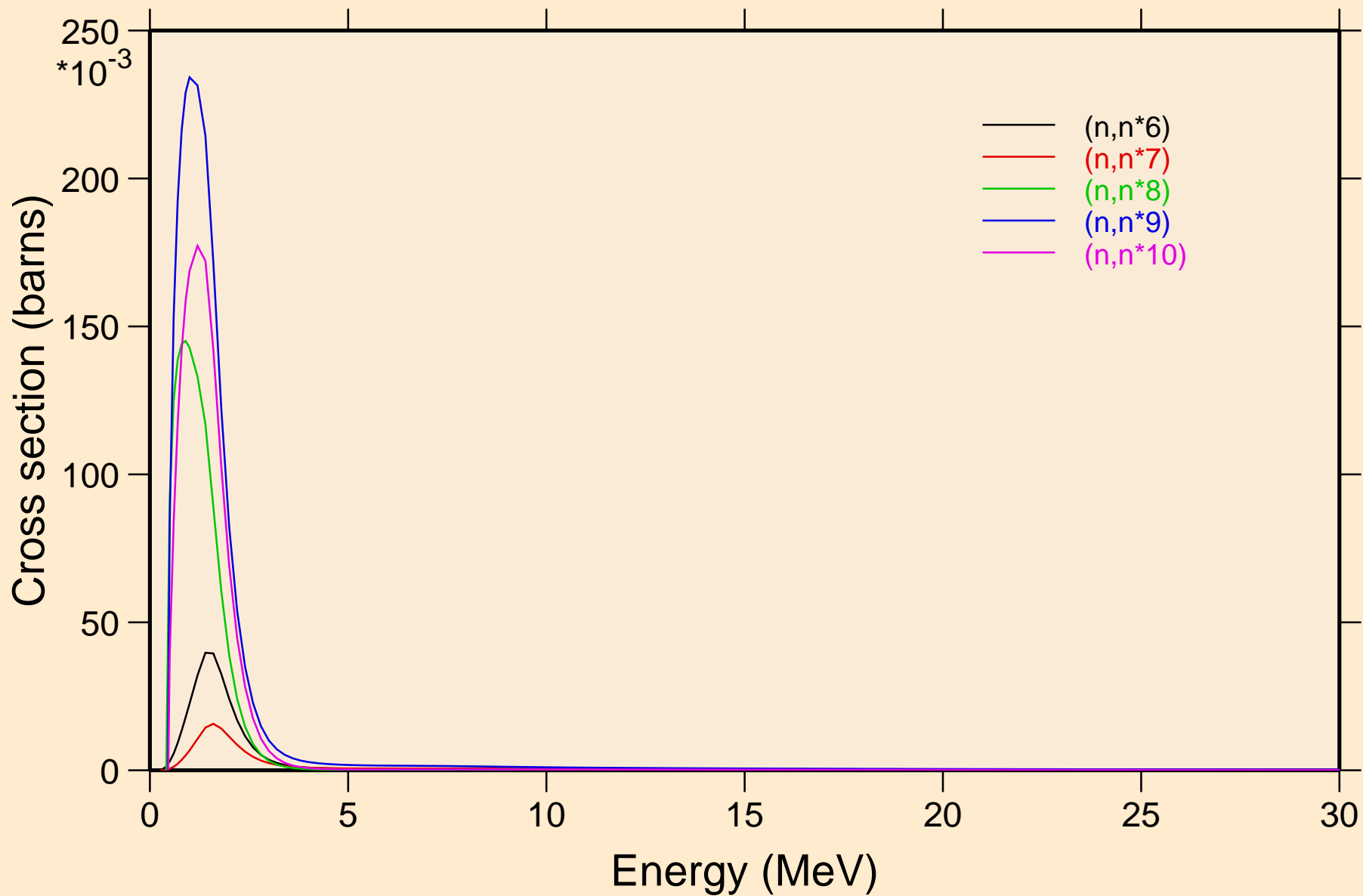
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



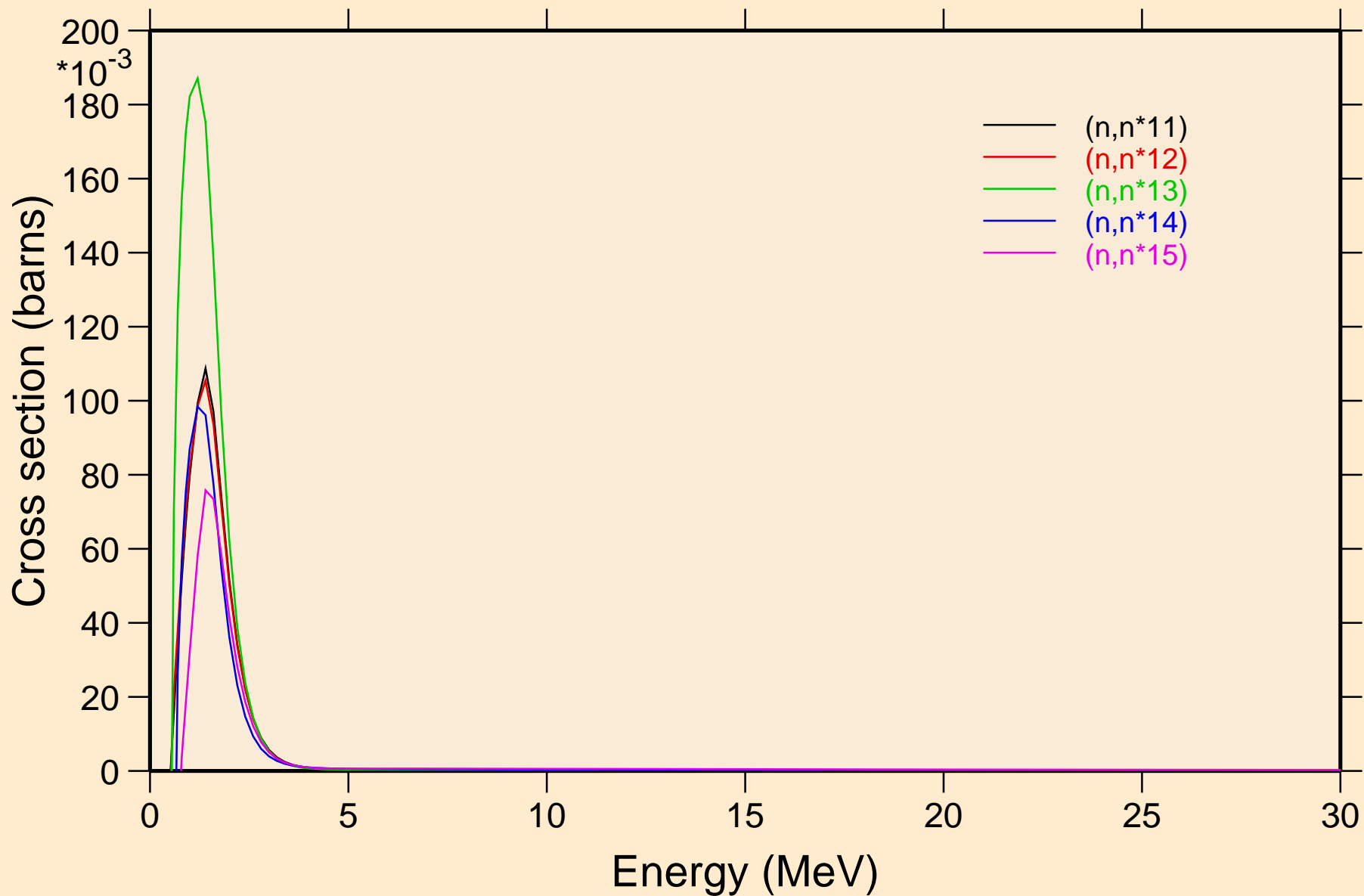
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



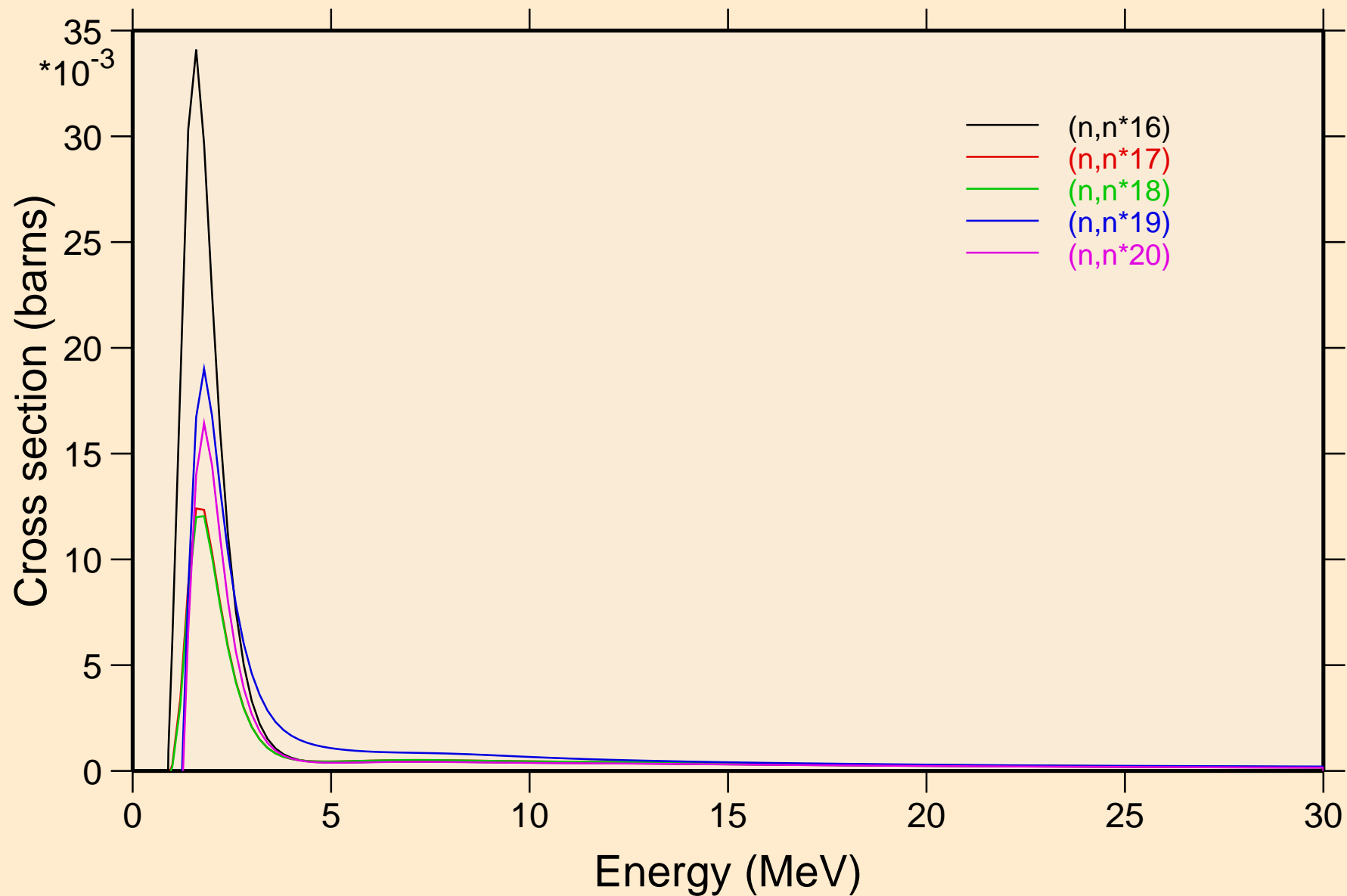
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



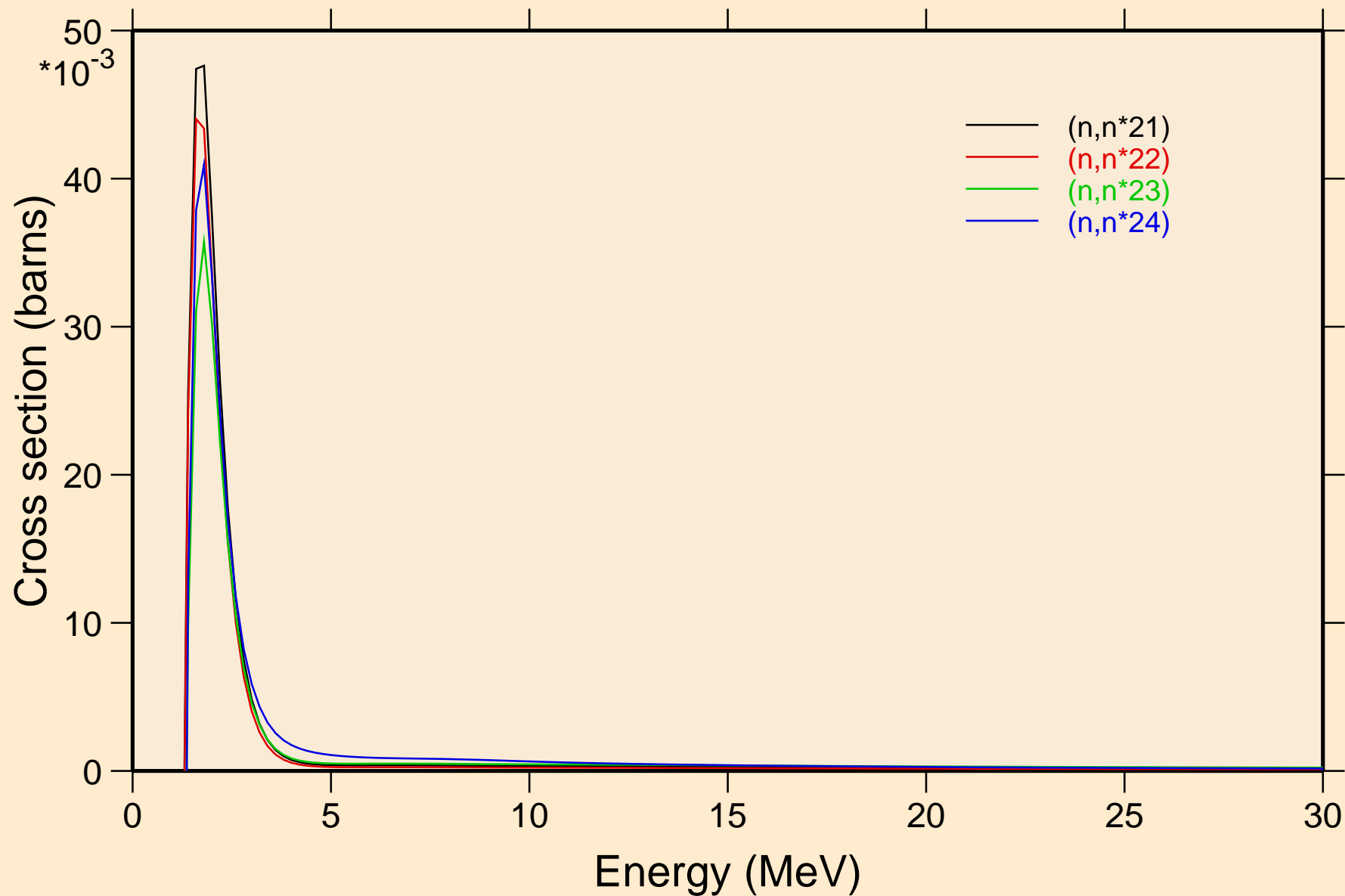
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

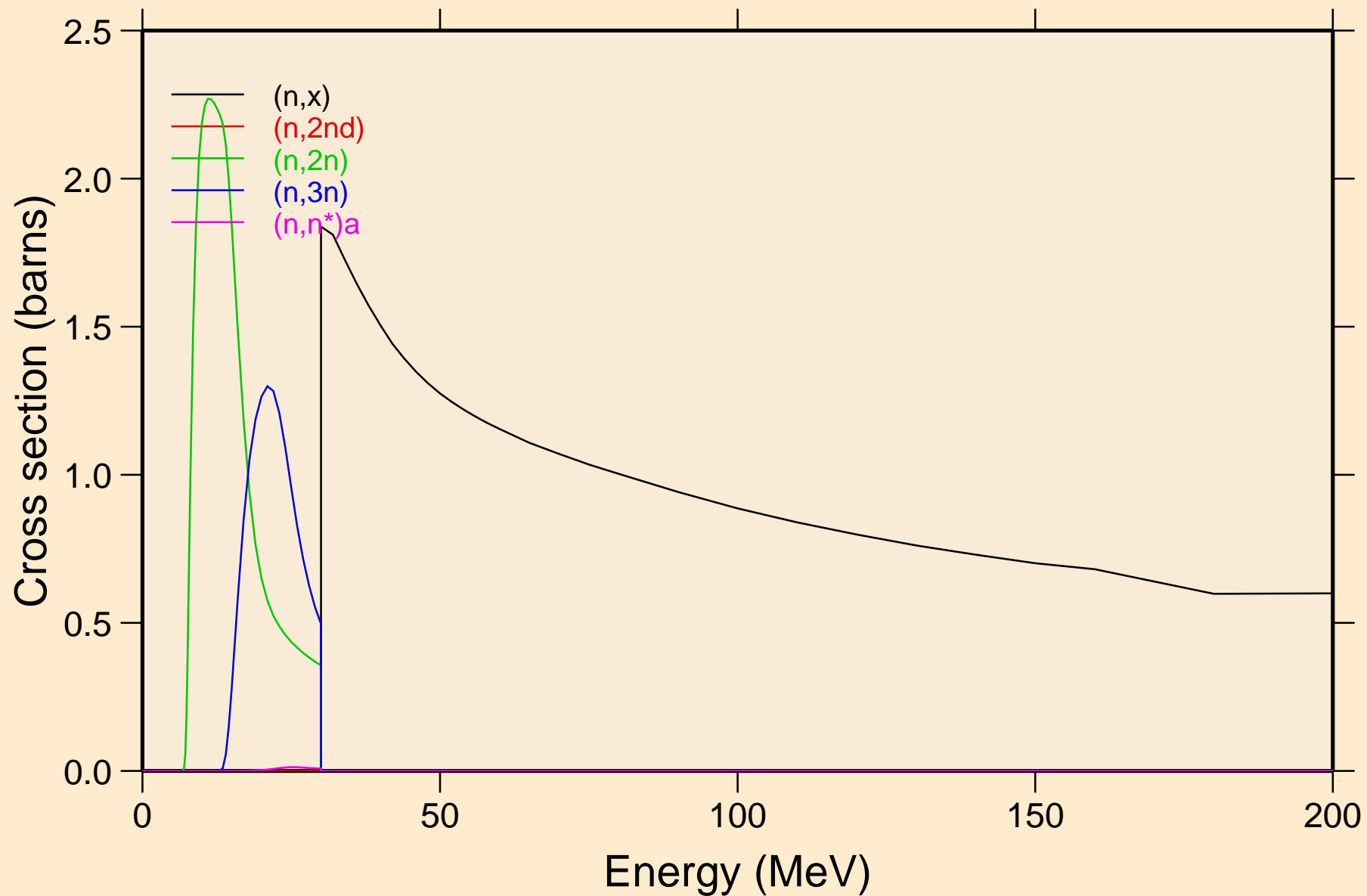


ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

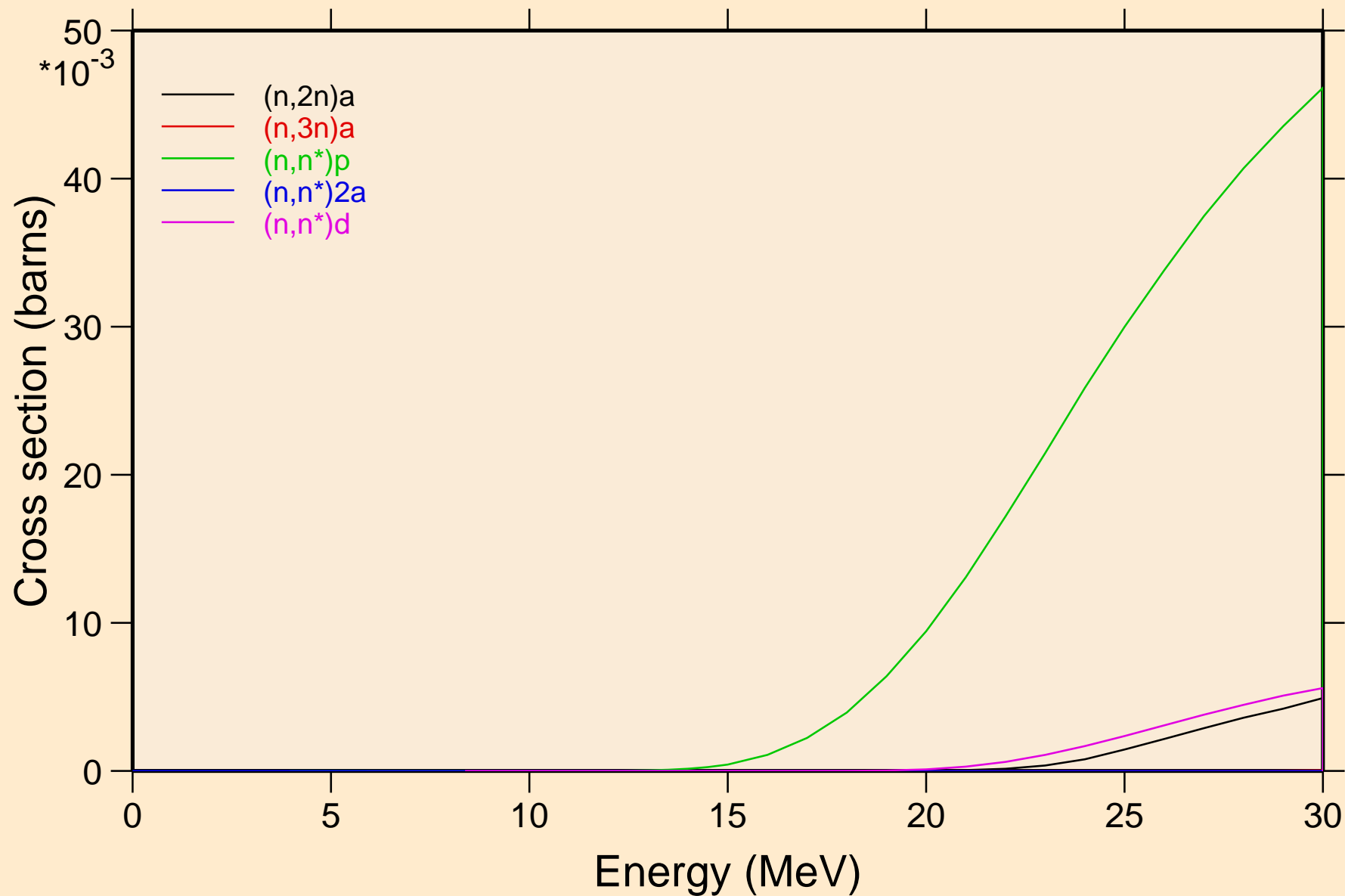


ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

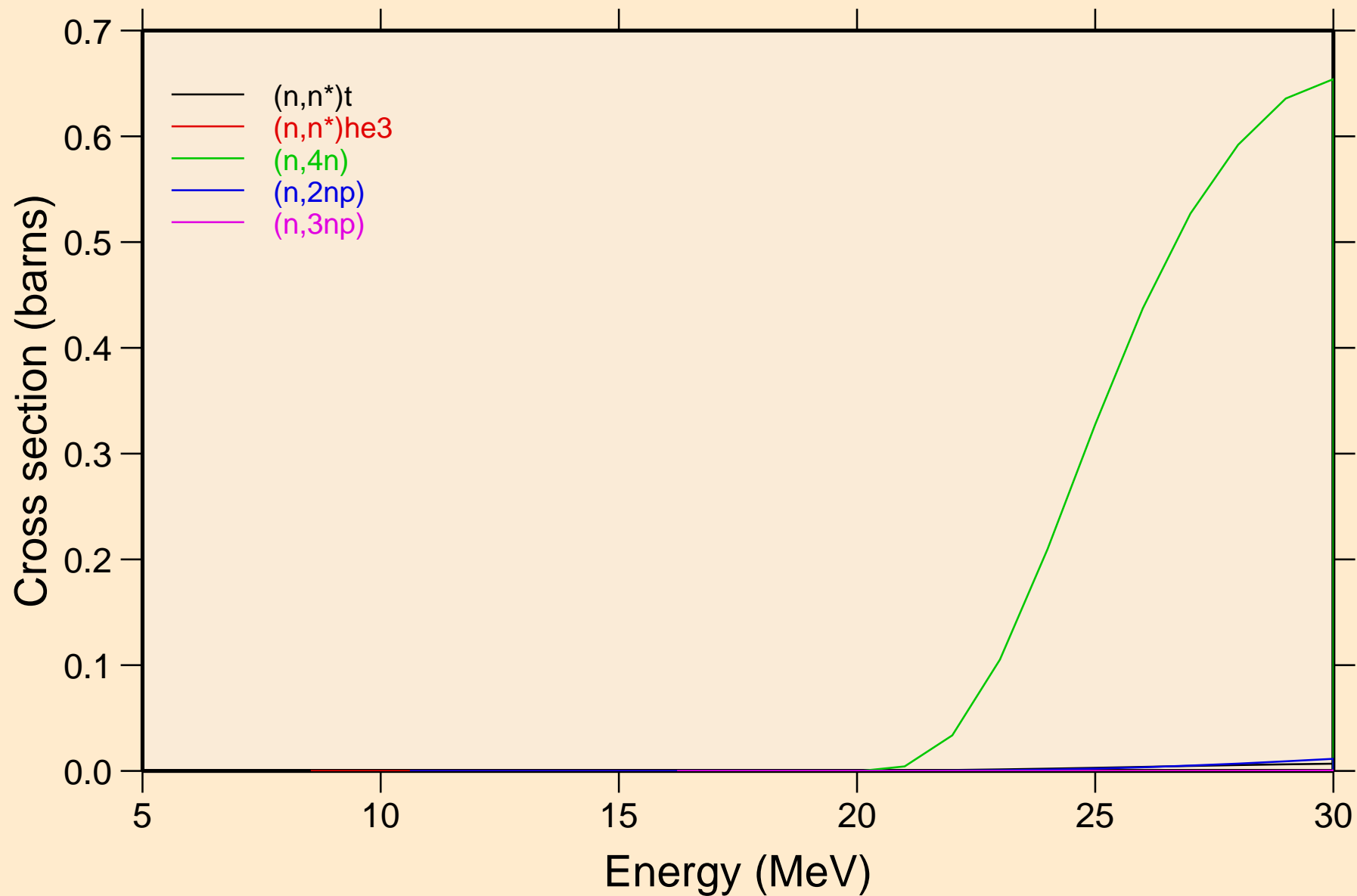
Threshold reactions



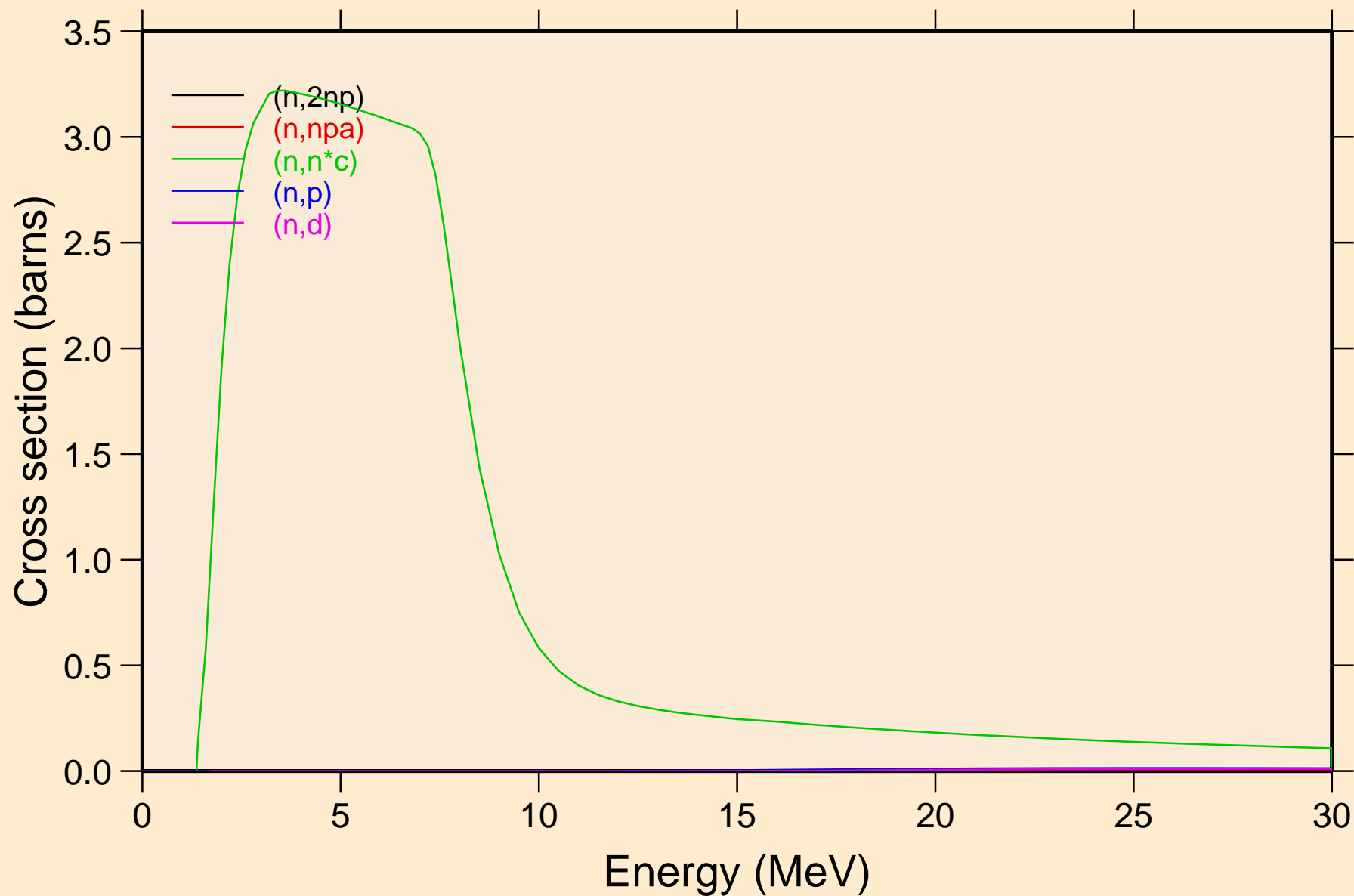
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



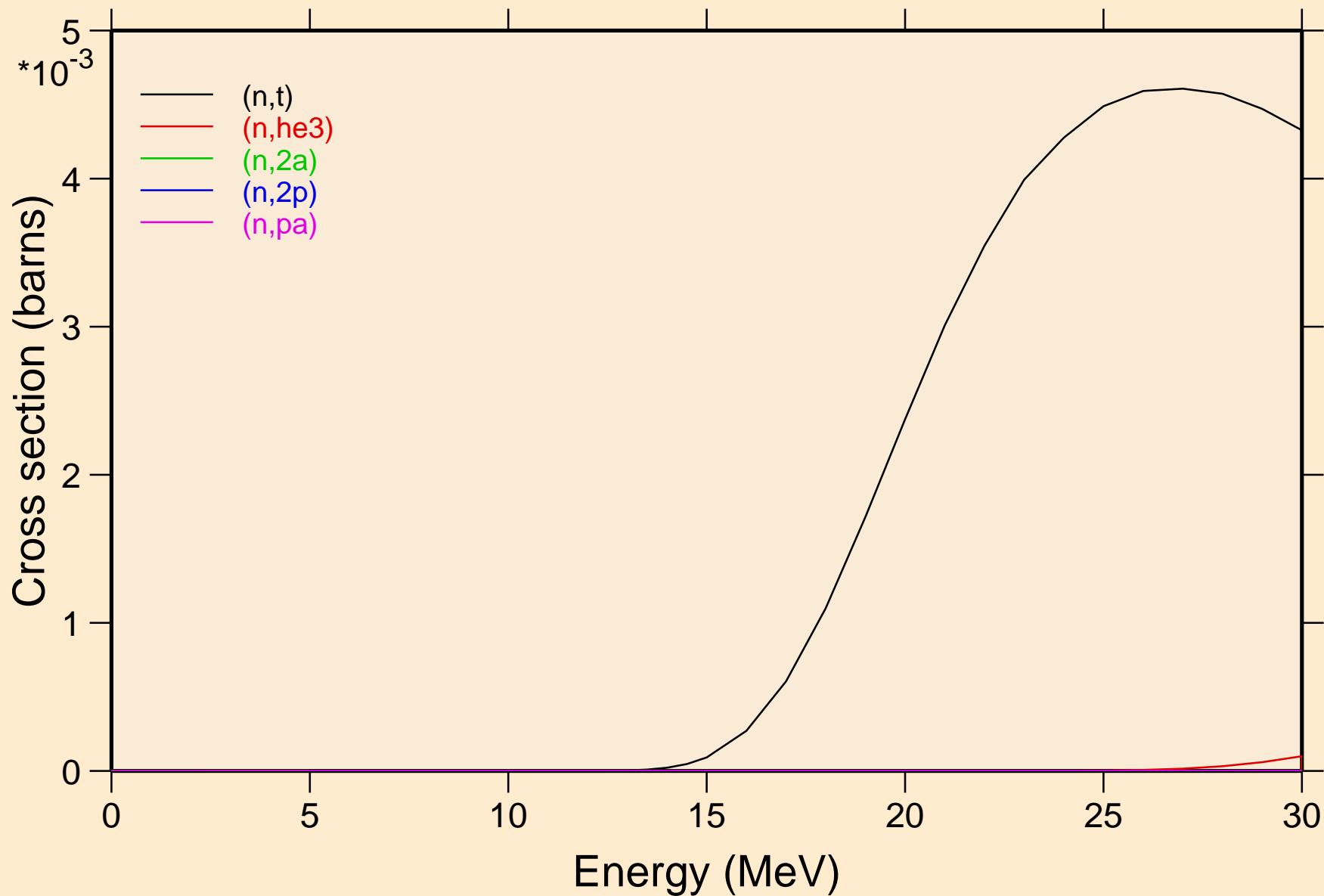
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



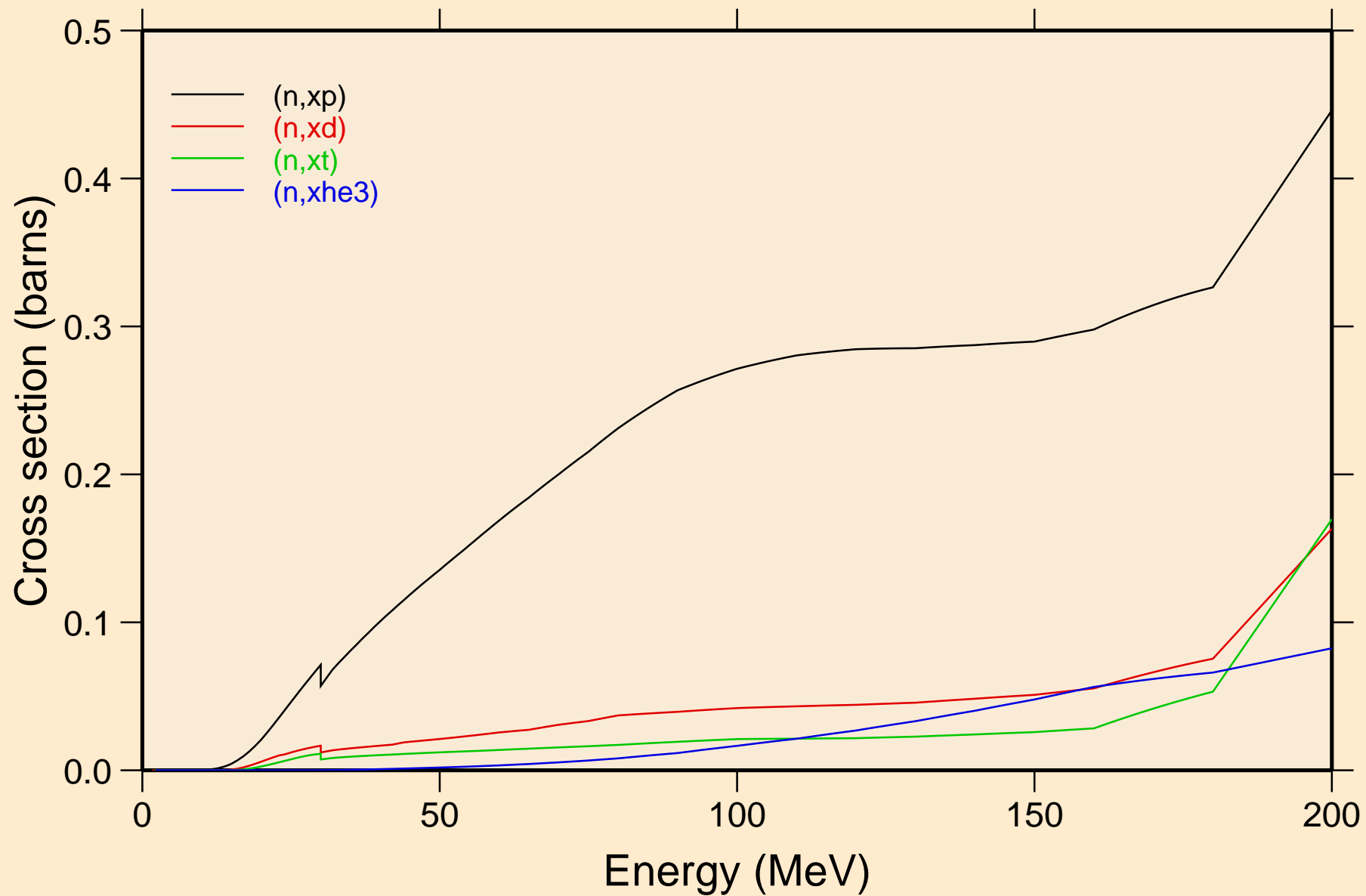
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



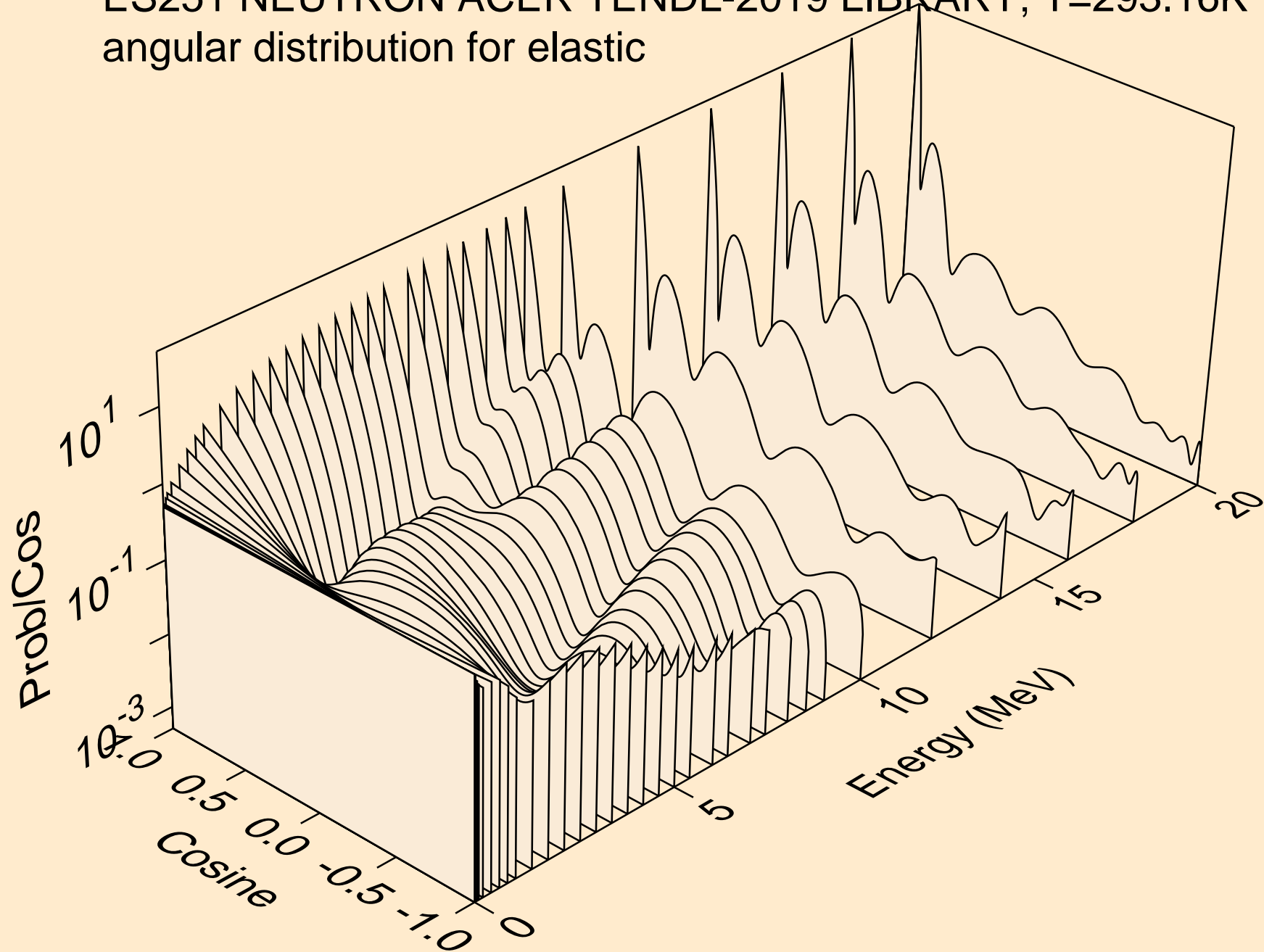
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



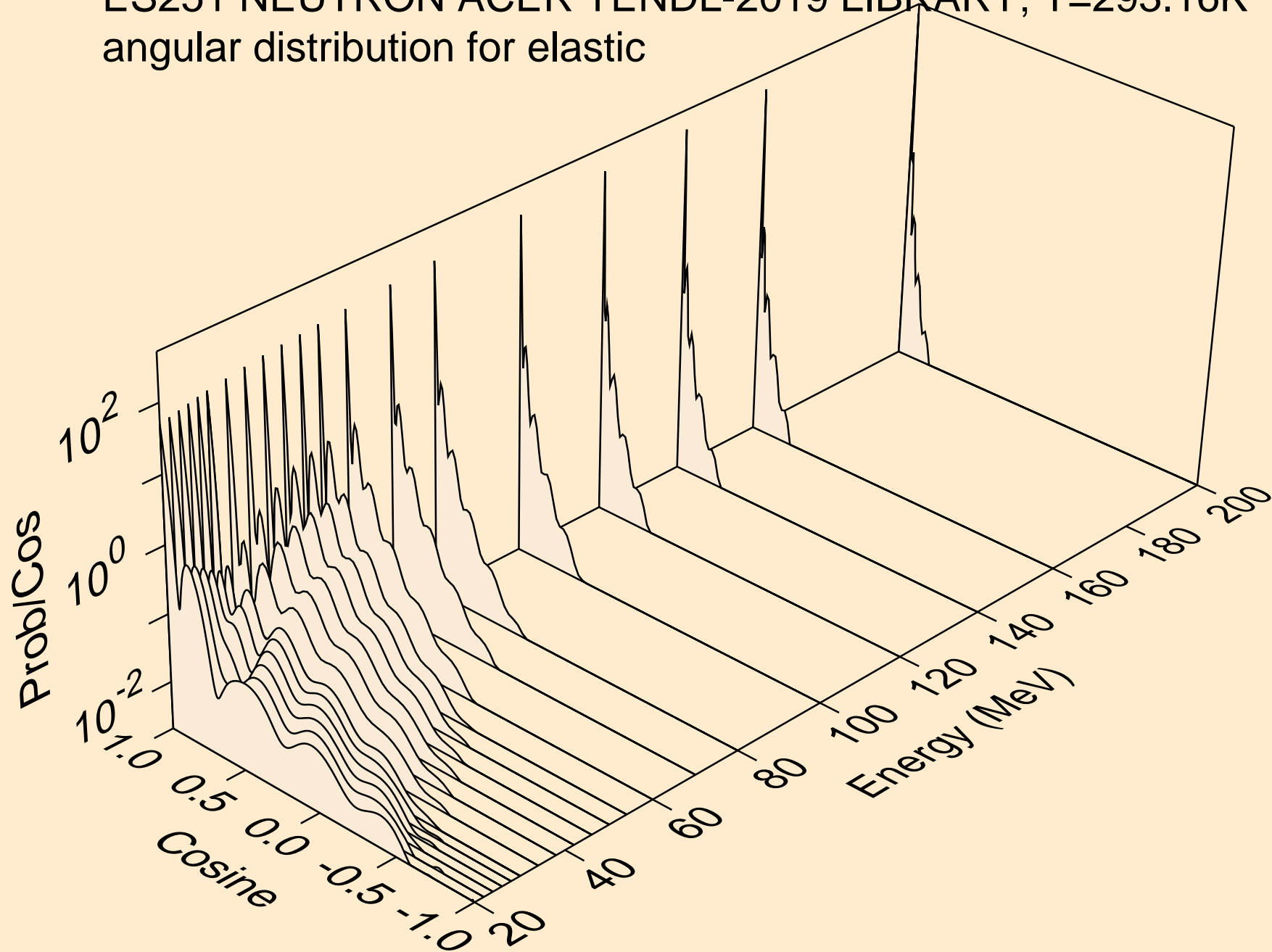
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



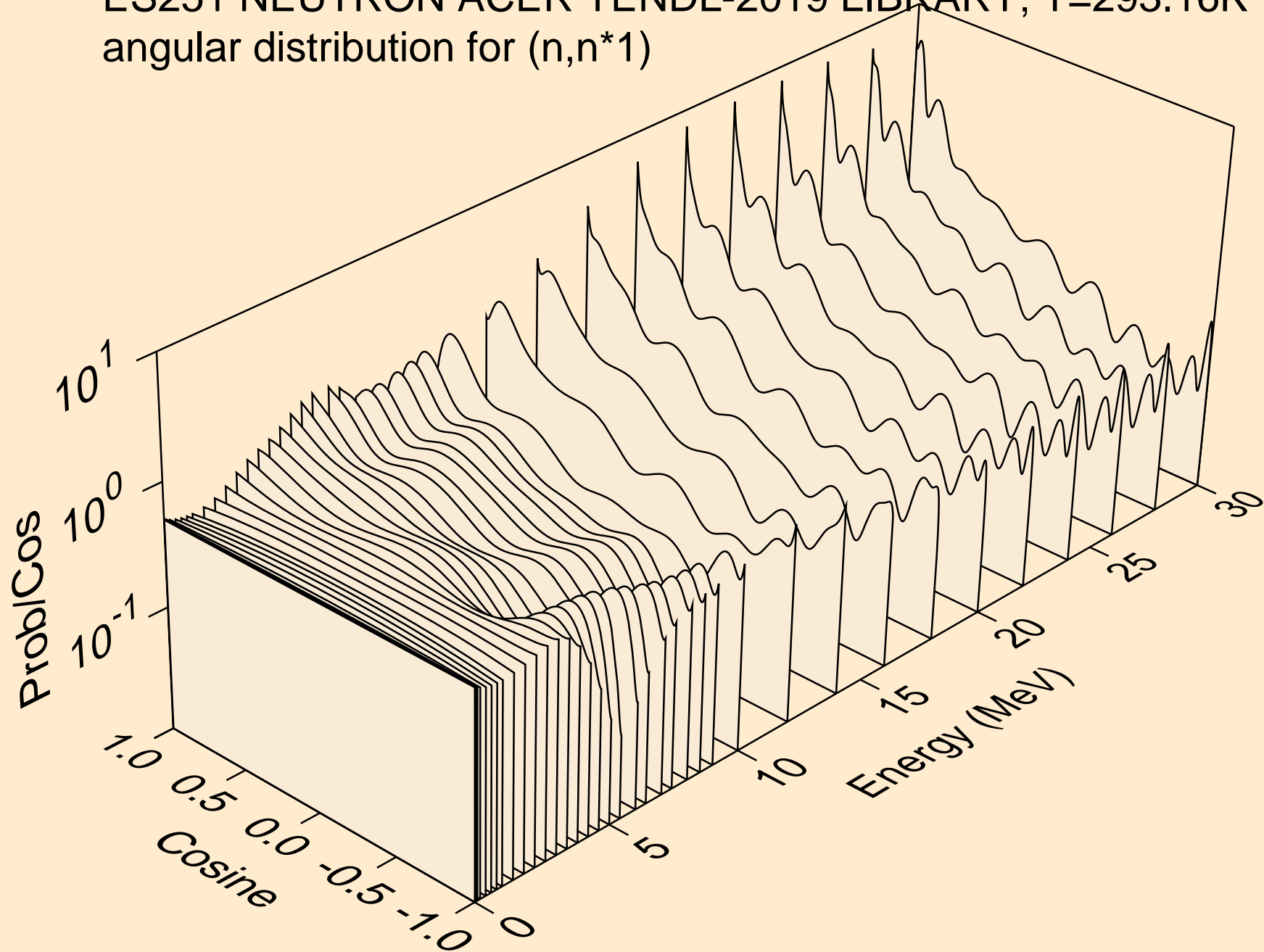
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



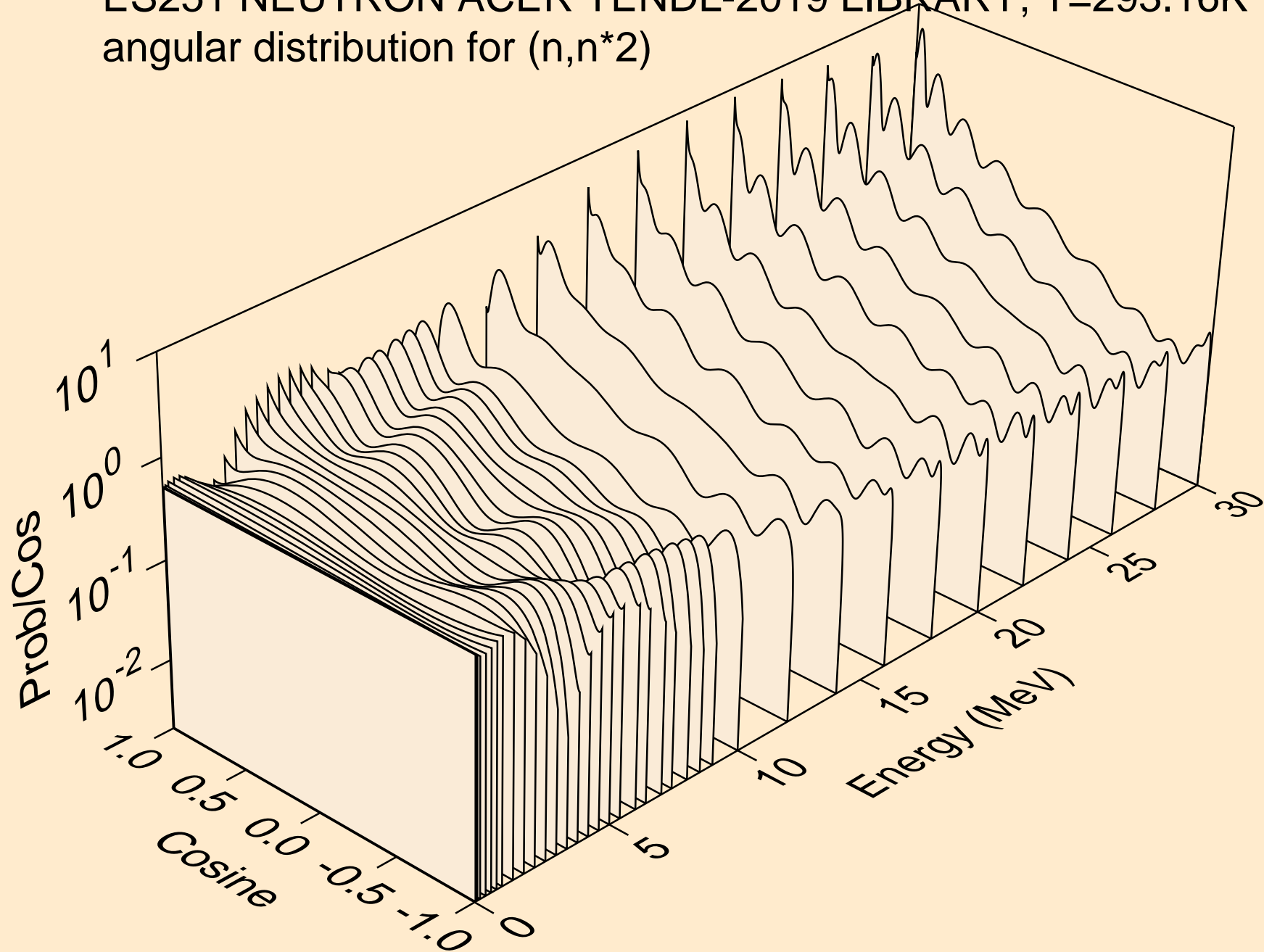
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



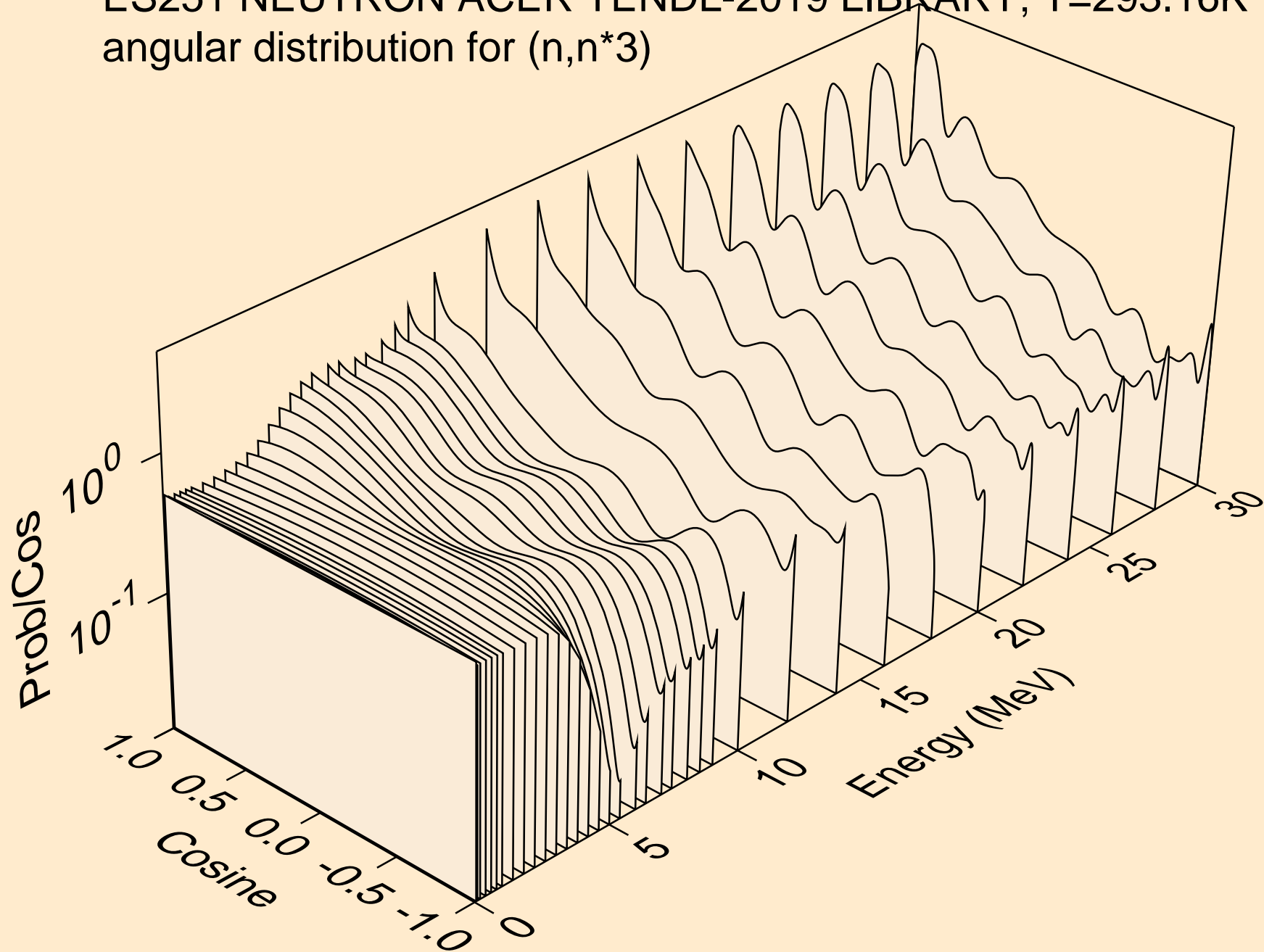
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



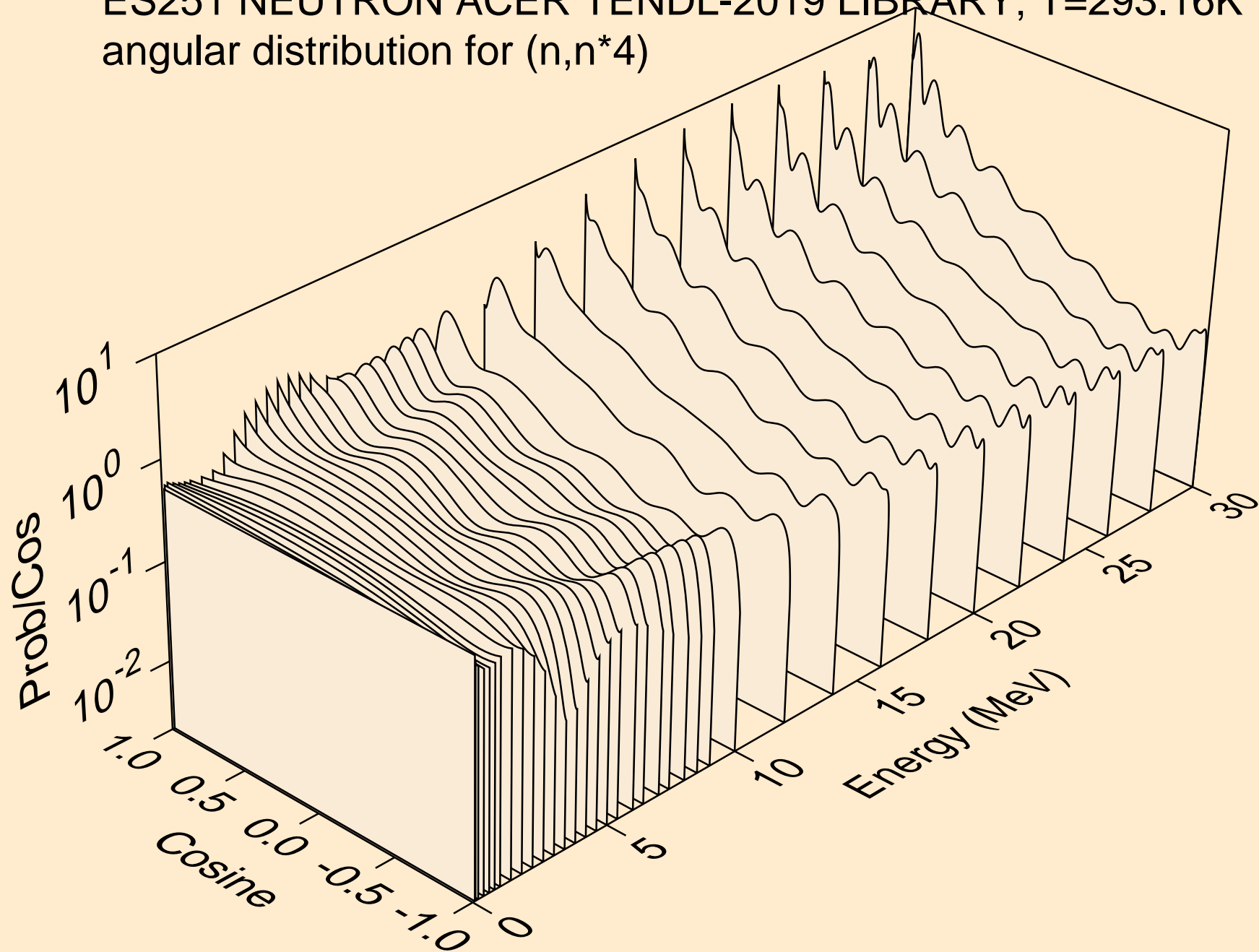
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



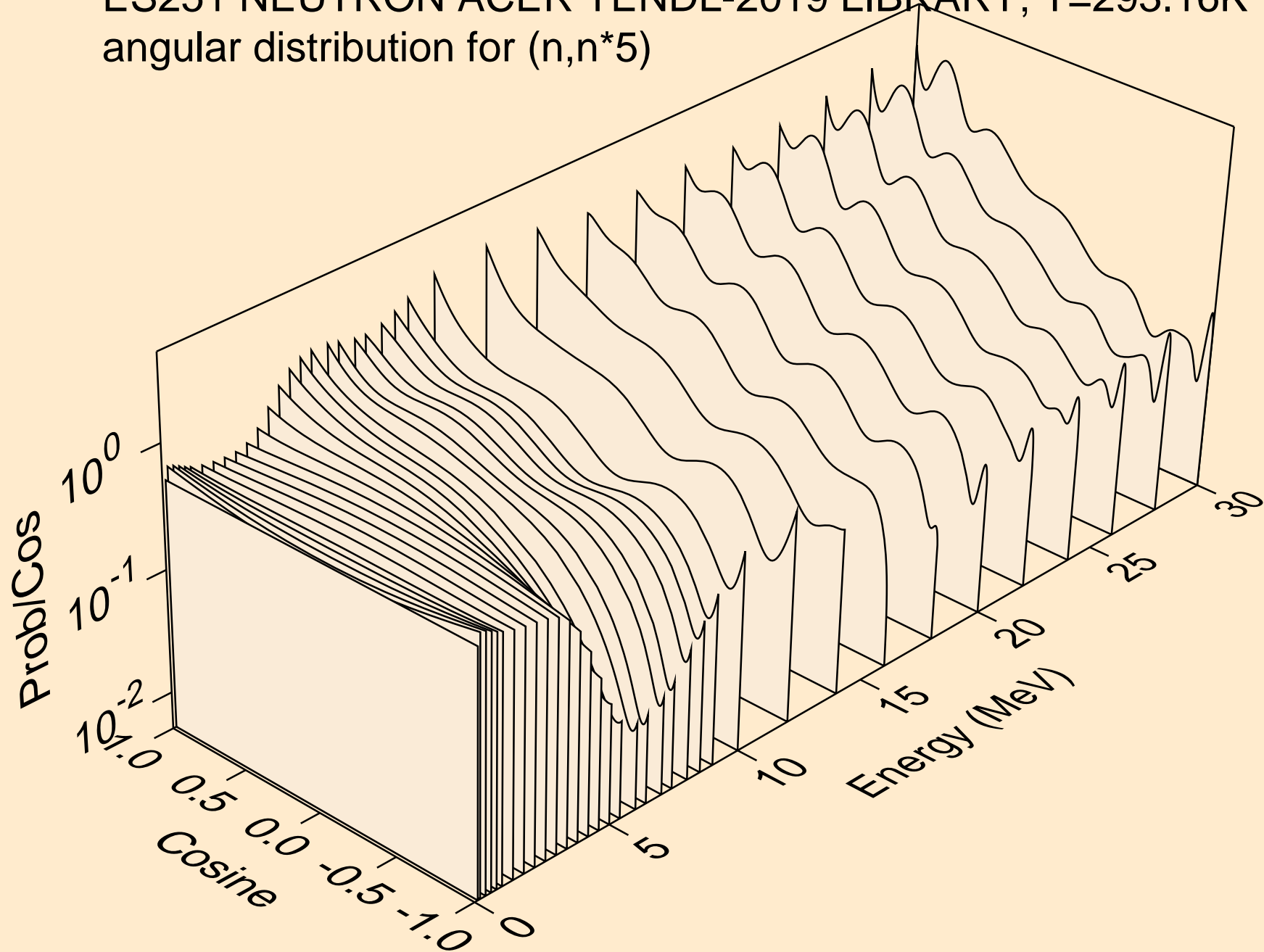
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



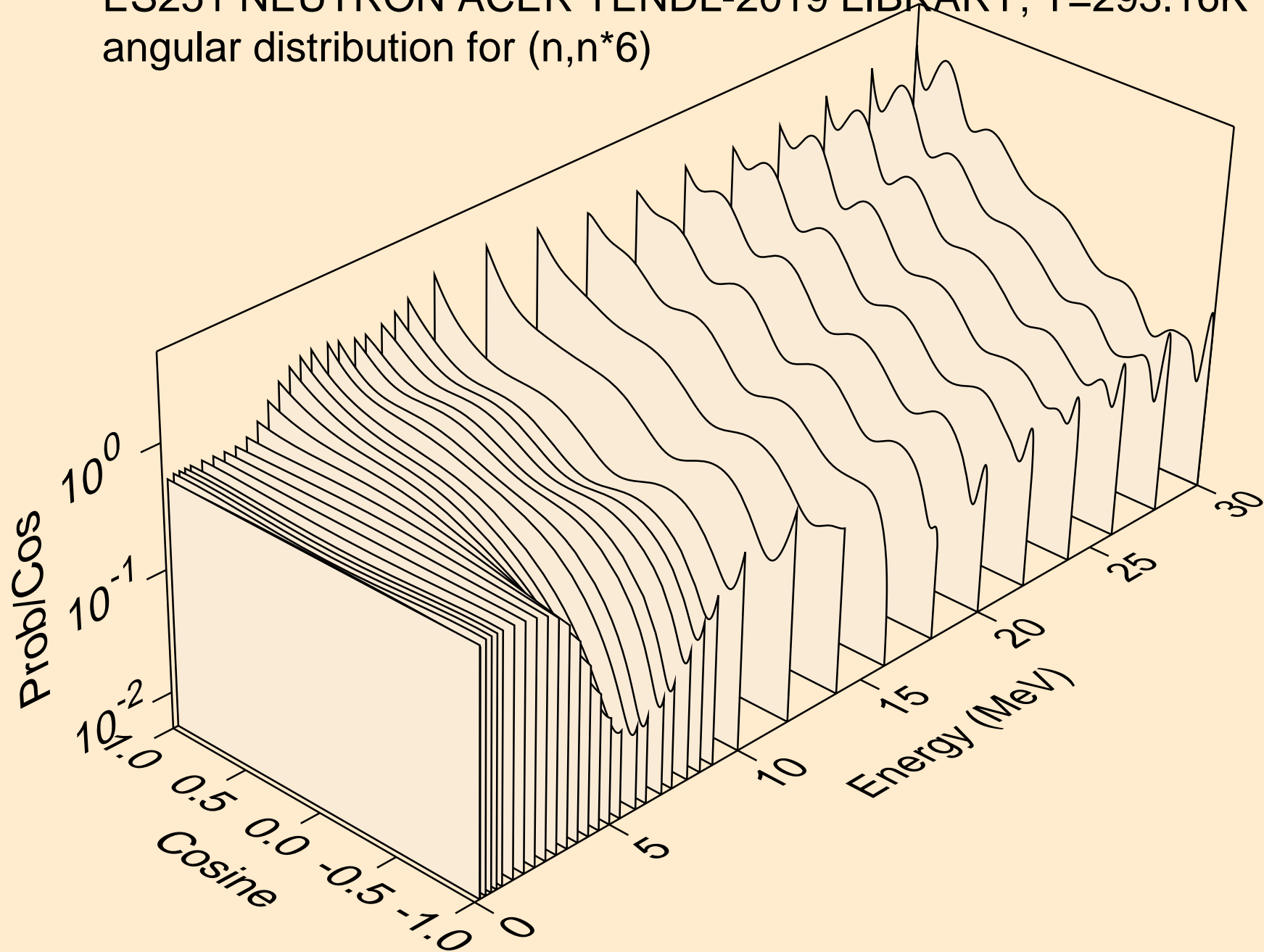
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



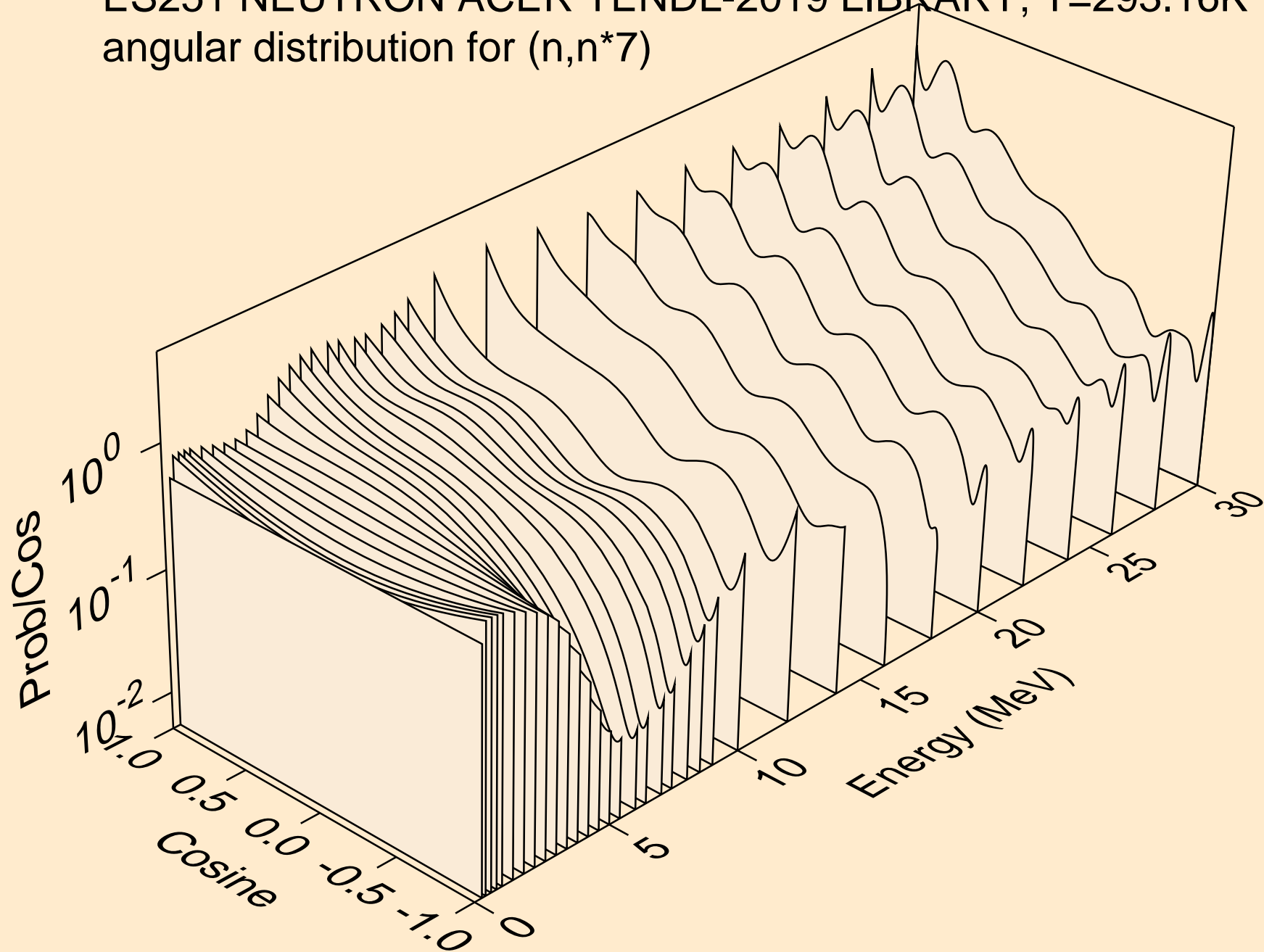
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



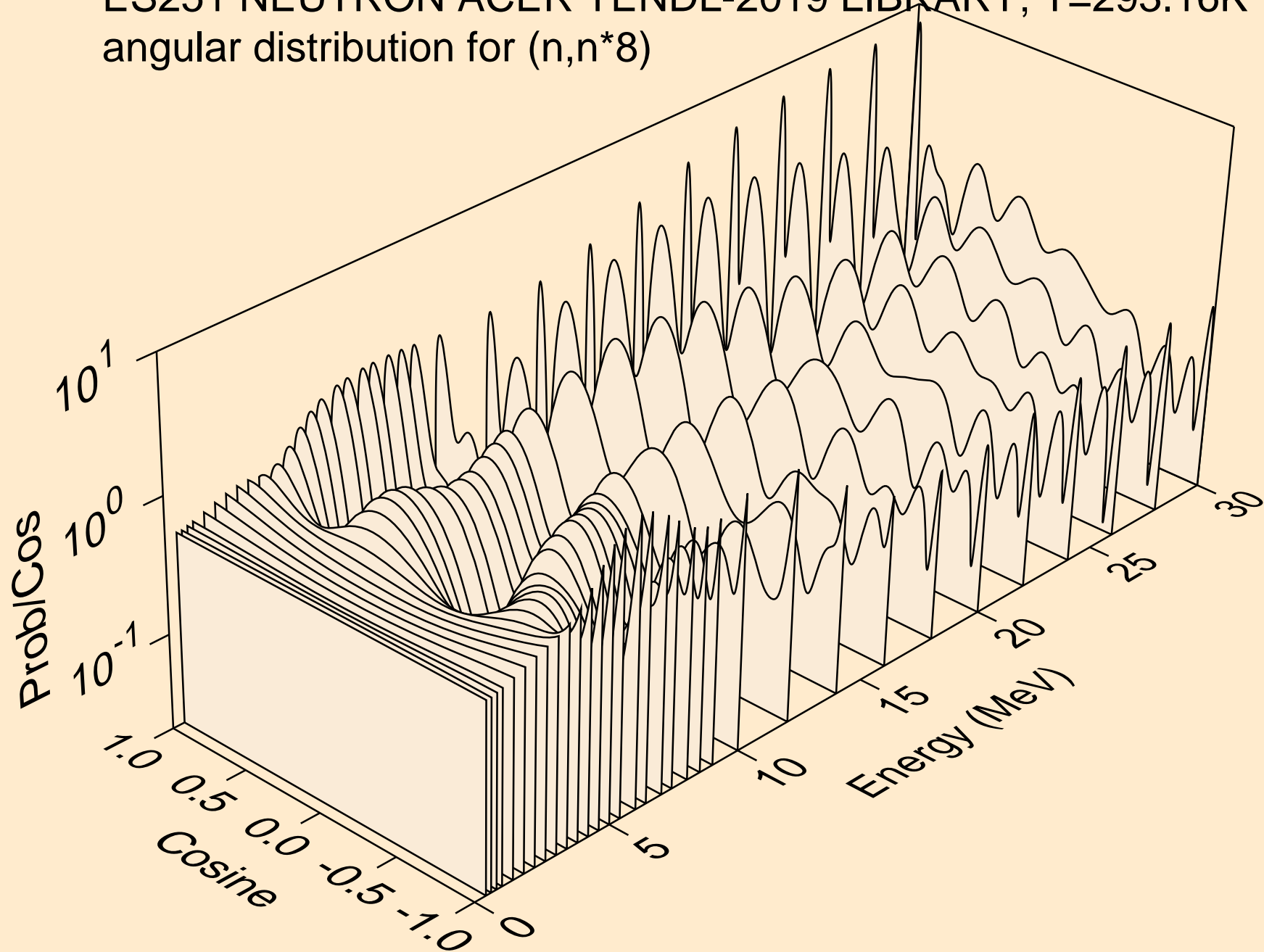
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



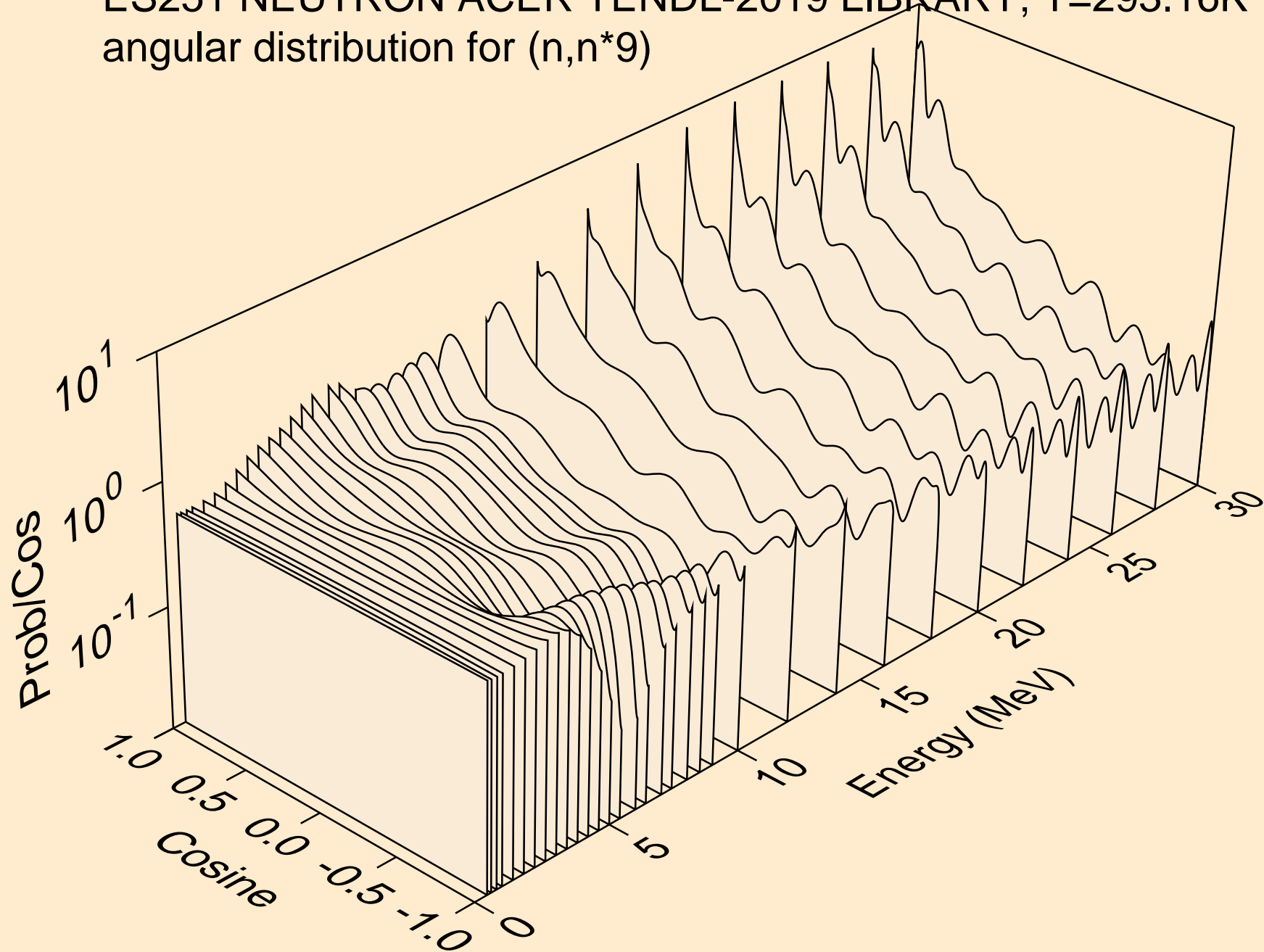
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



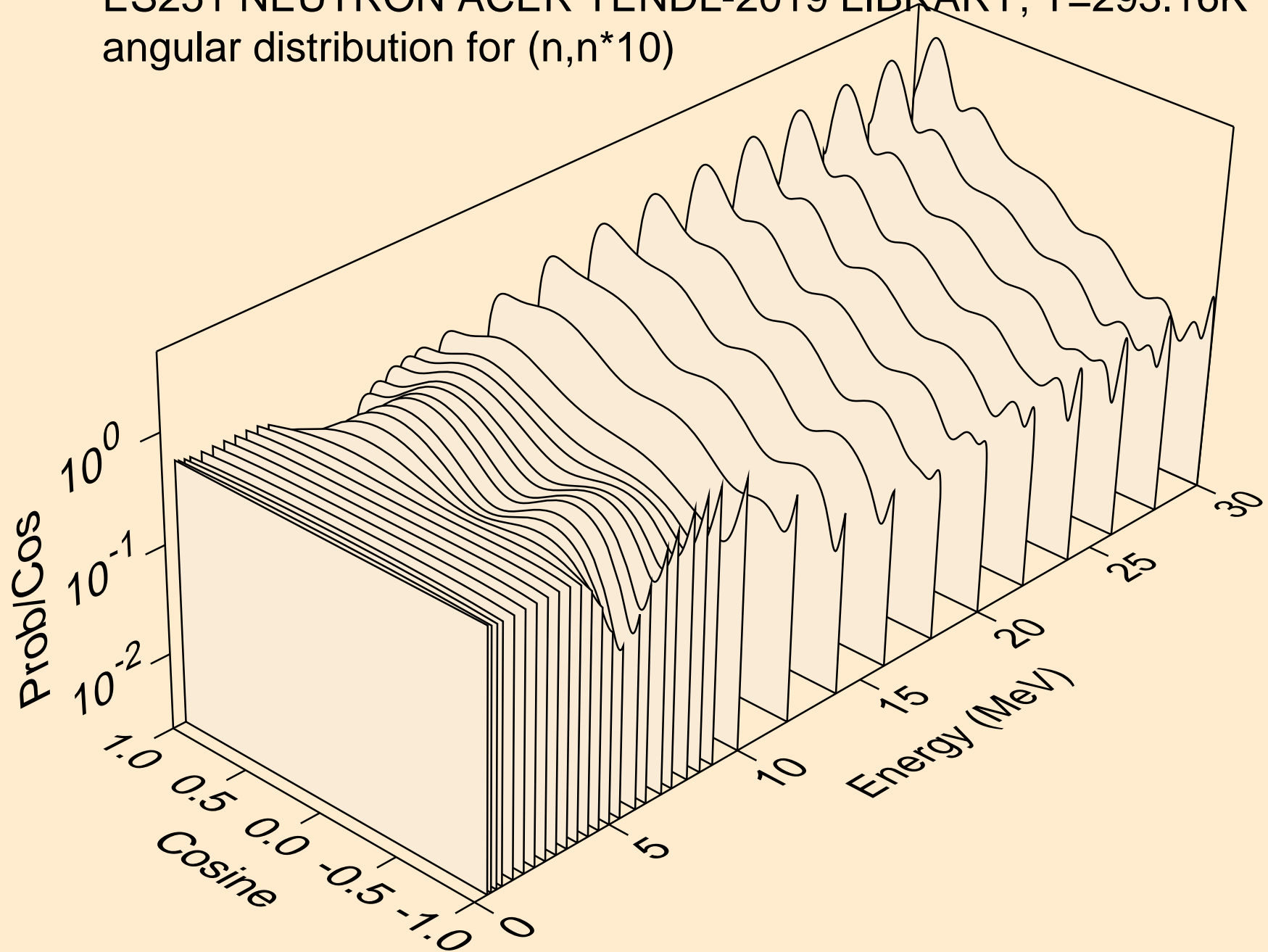
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



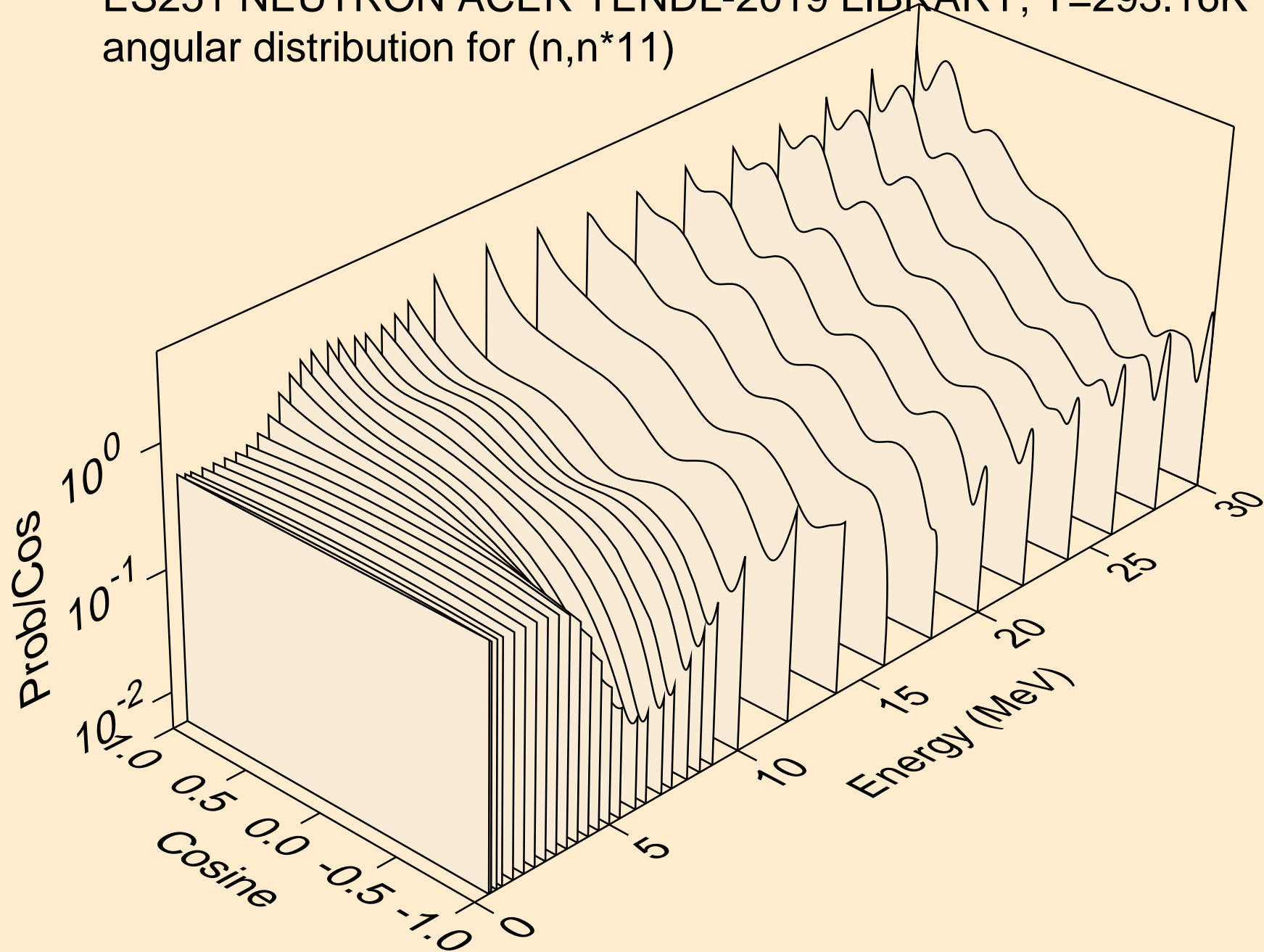
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



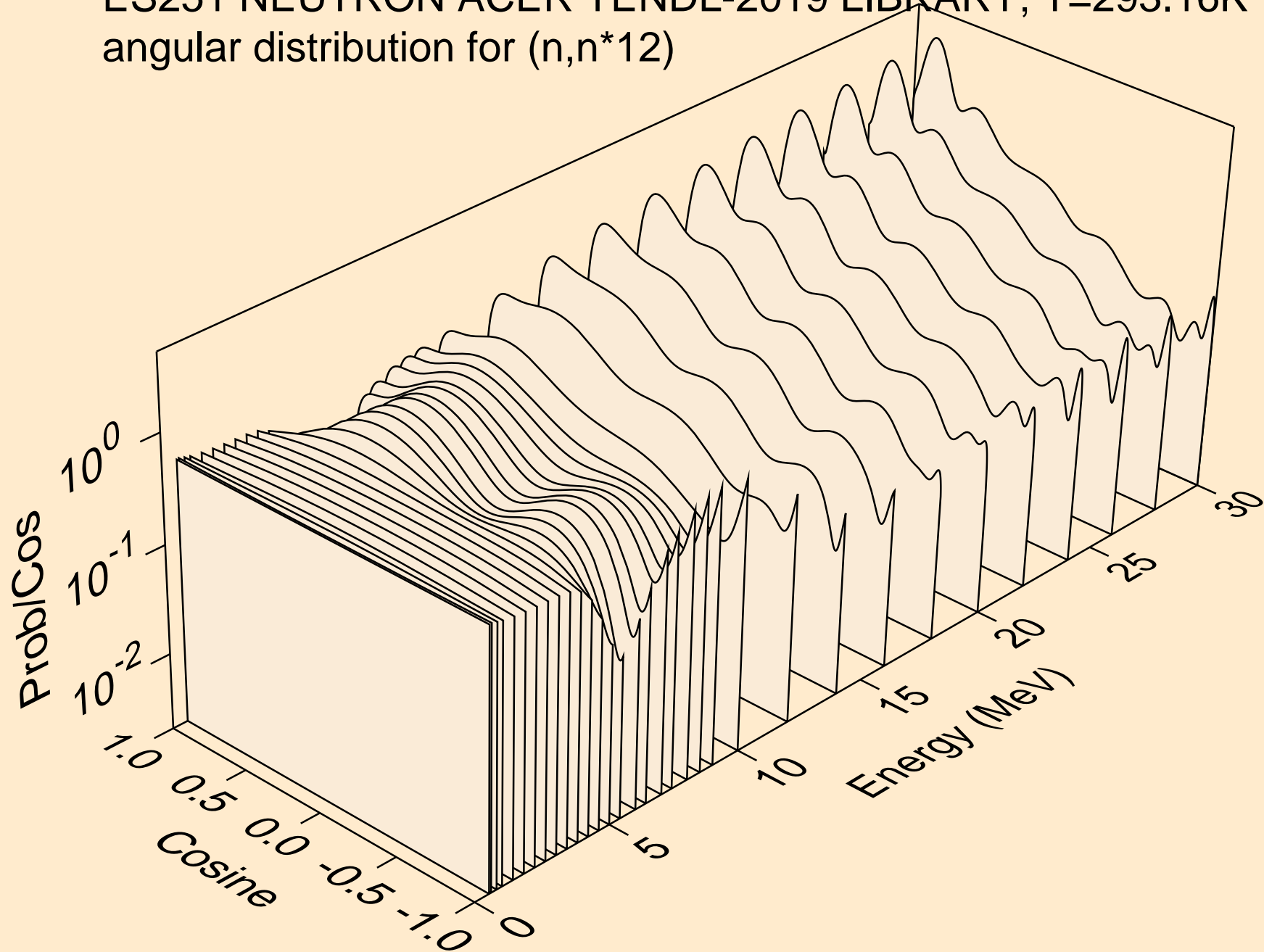
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



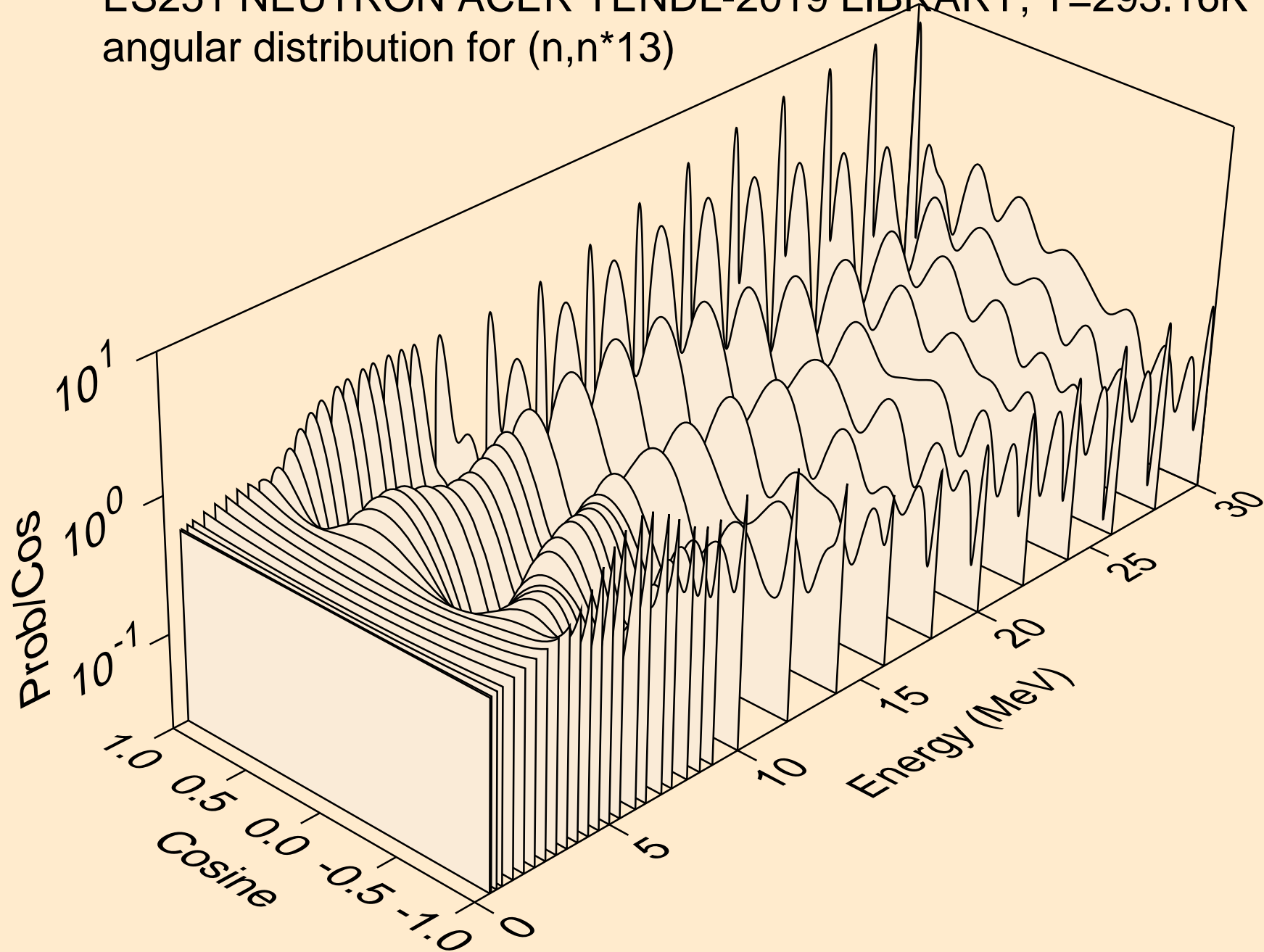
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



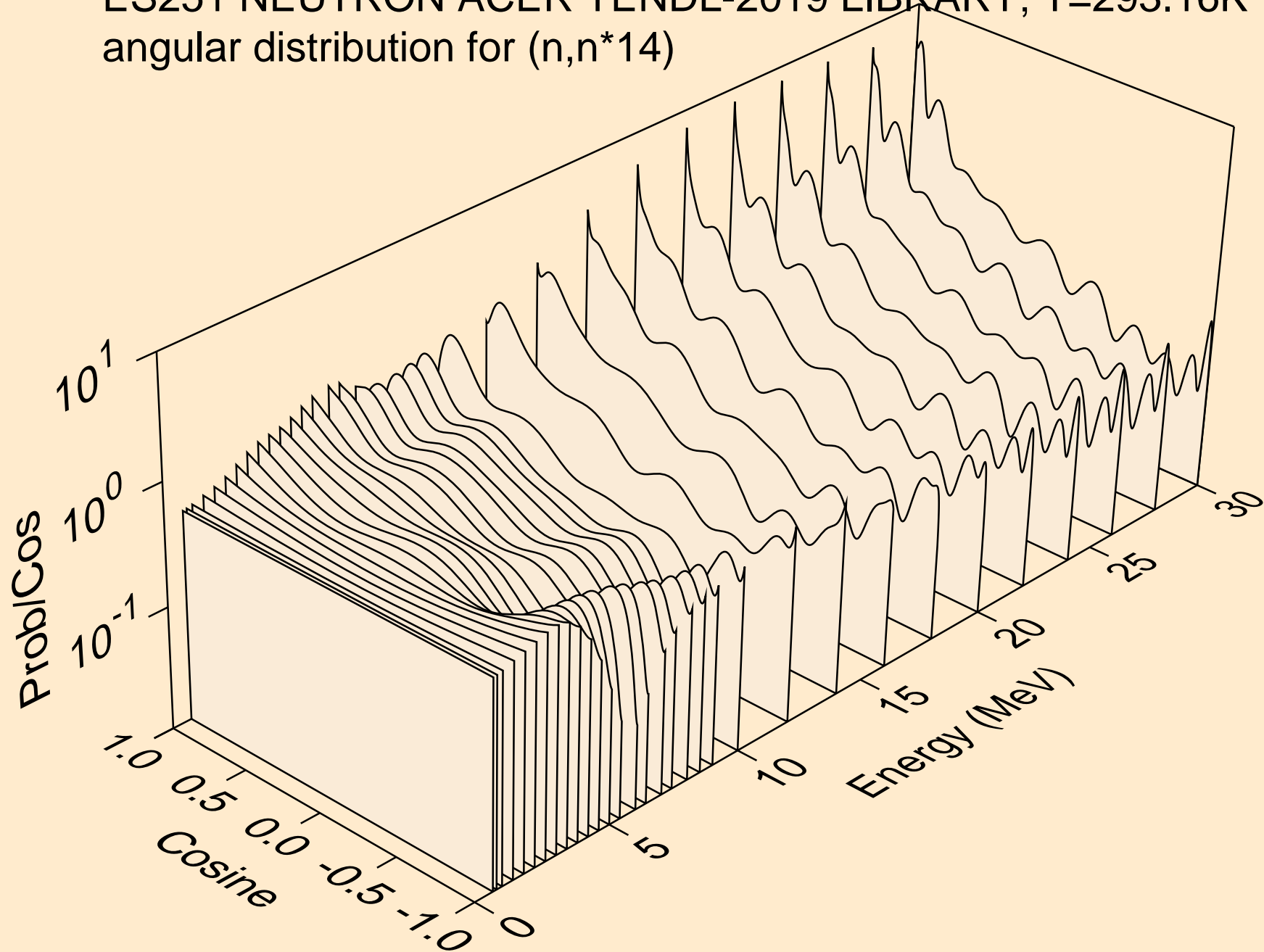
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



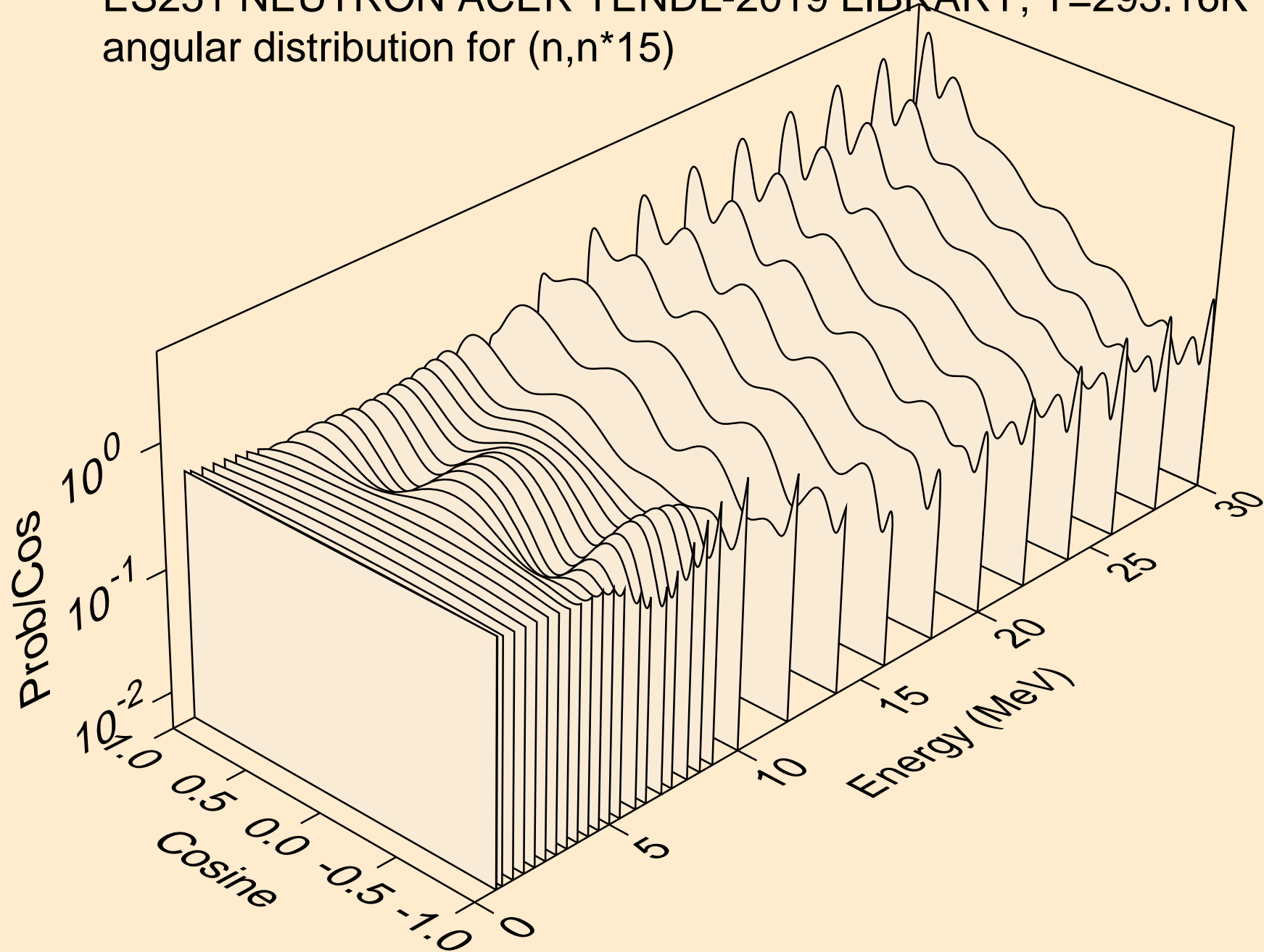
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



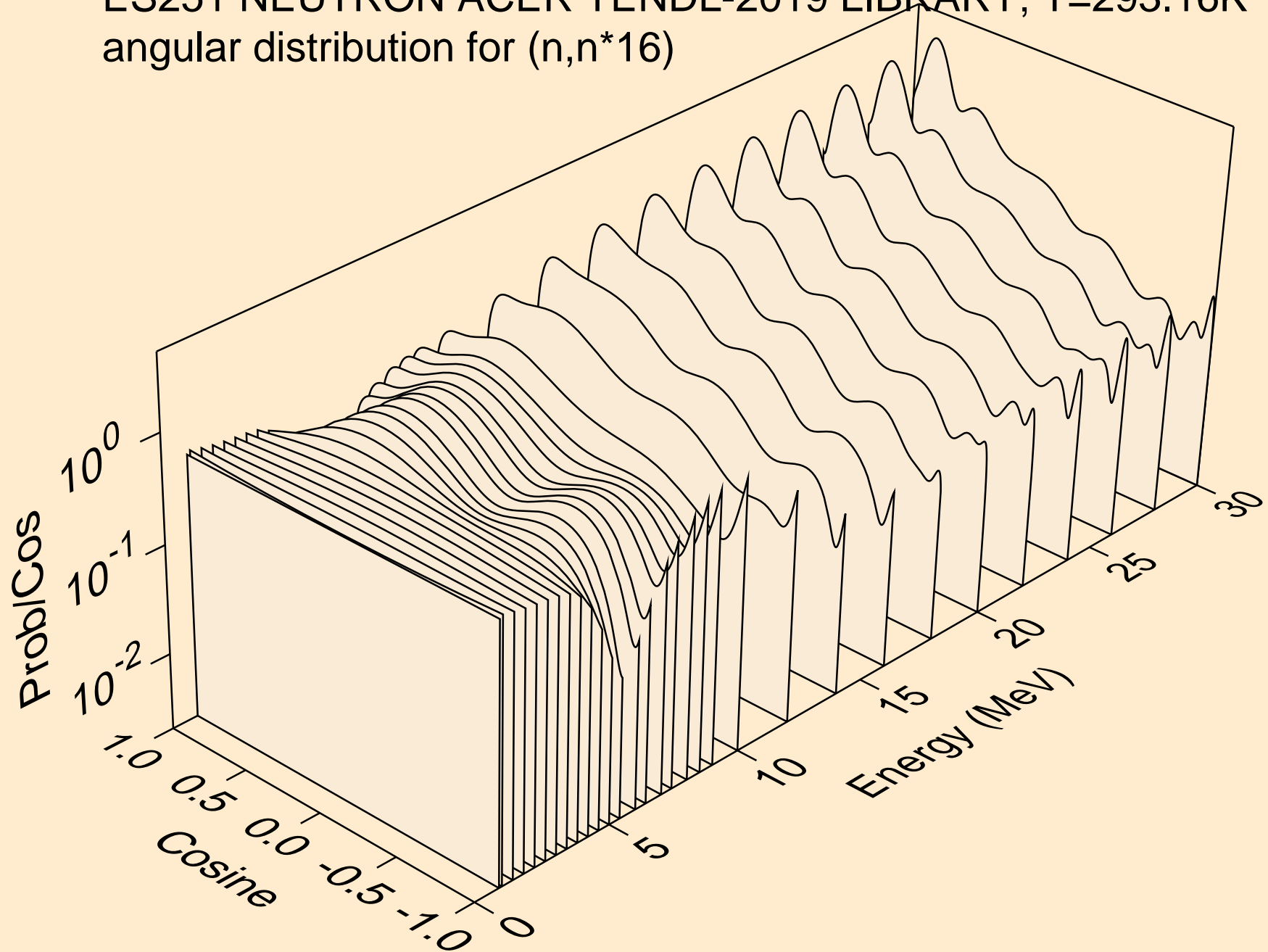
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



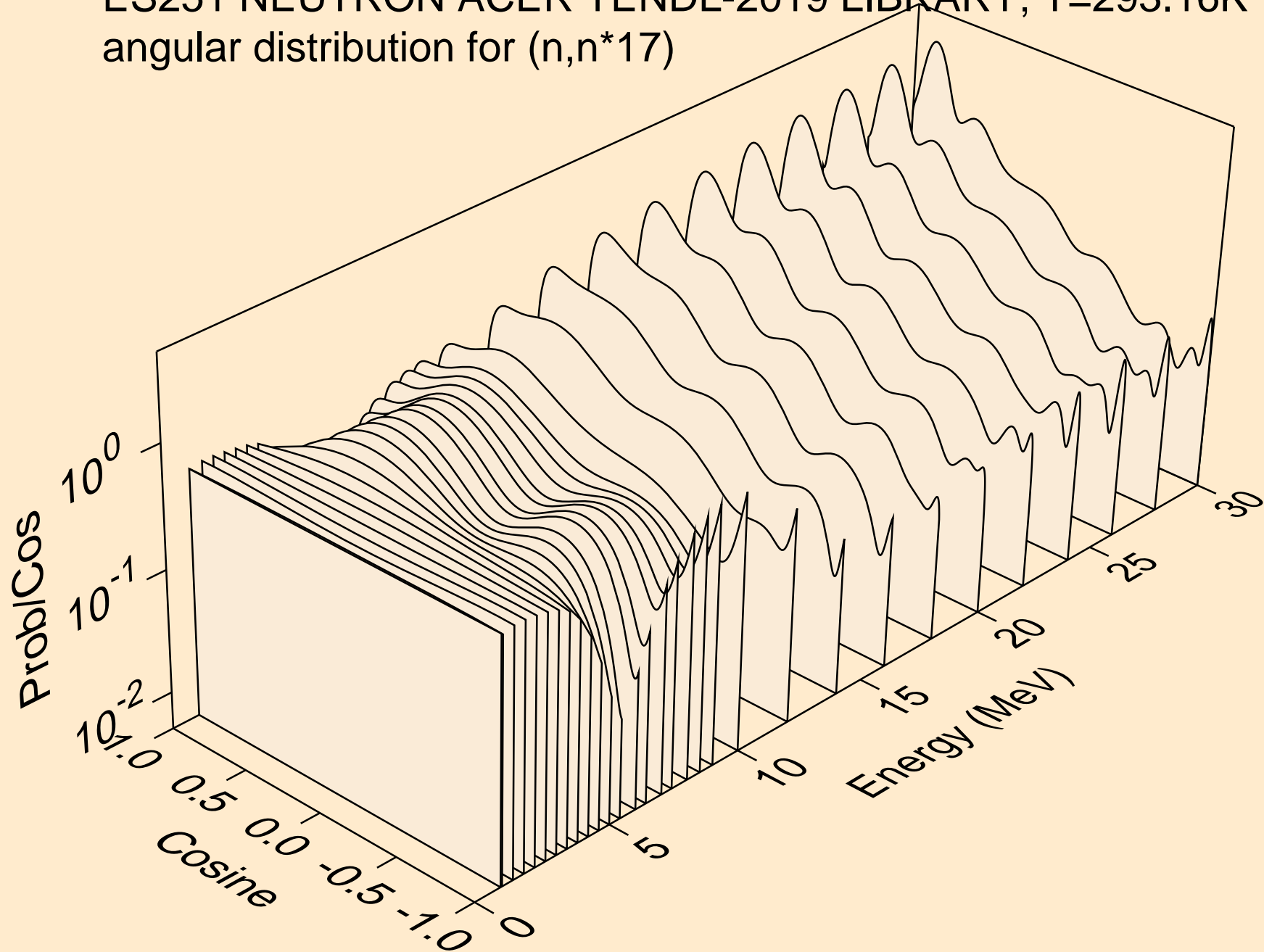
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



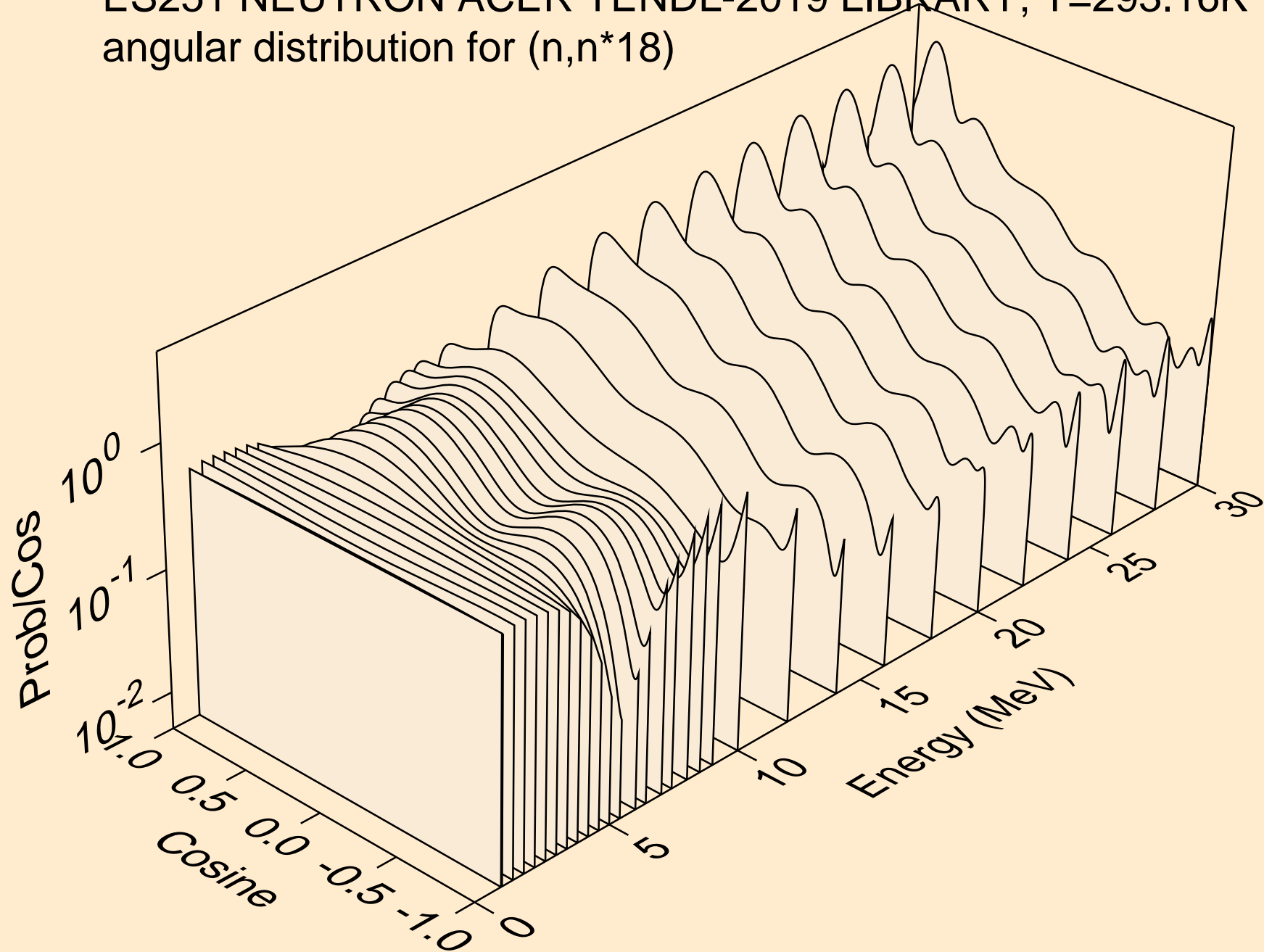
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



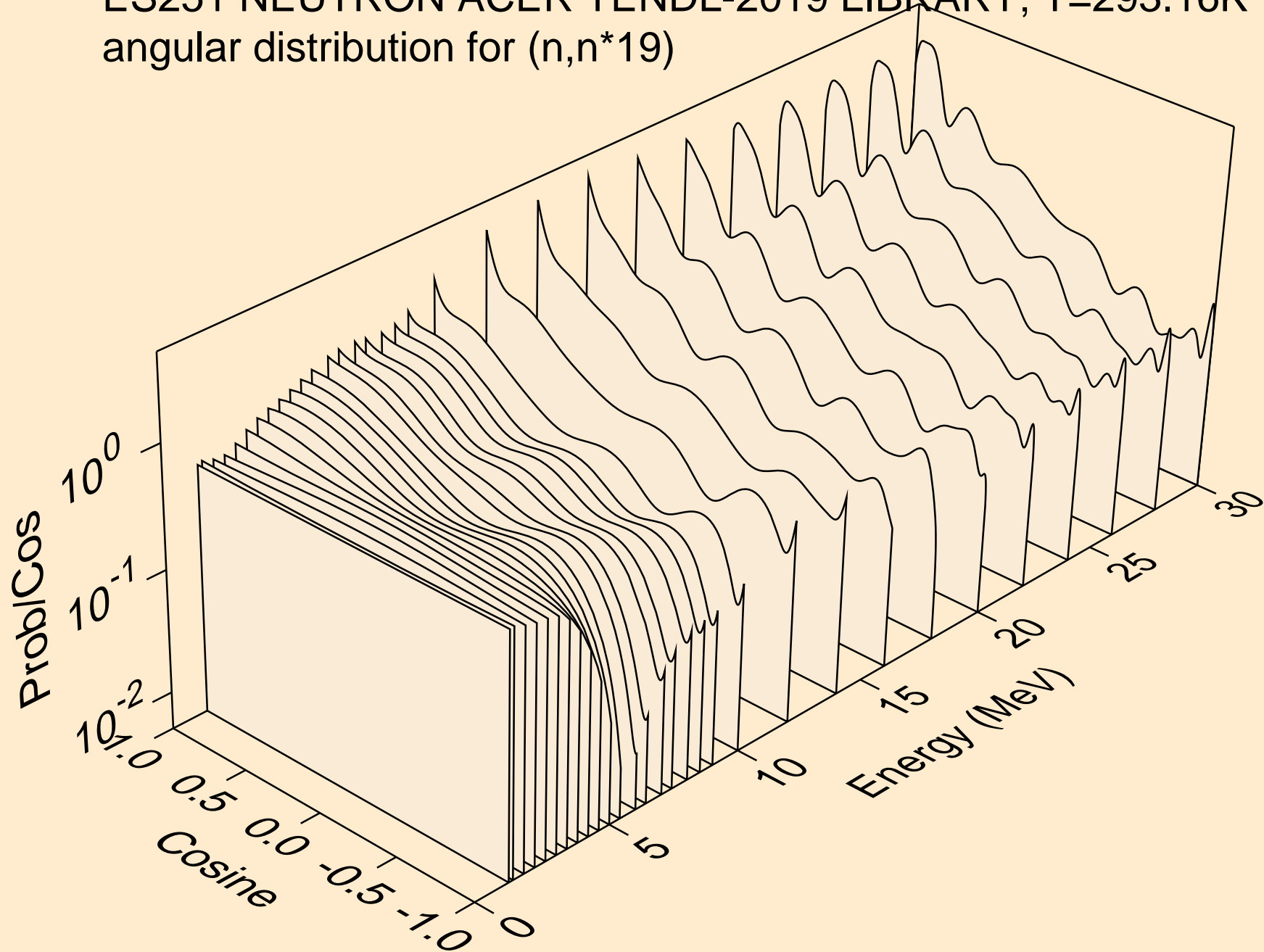
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



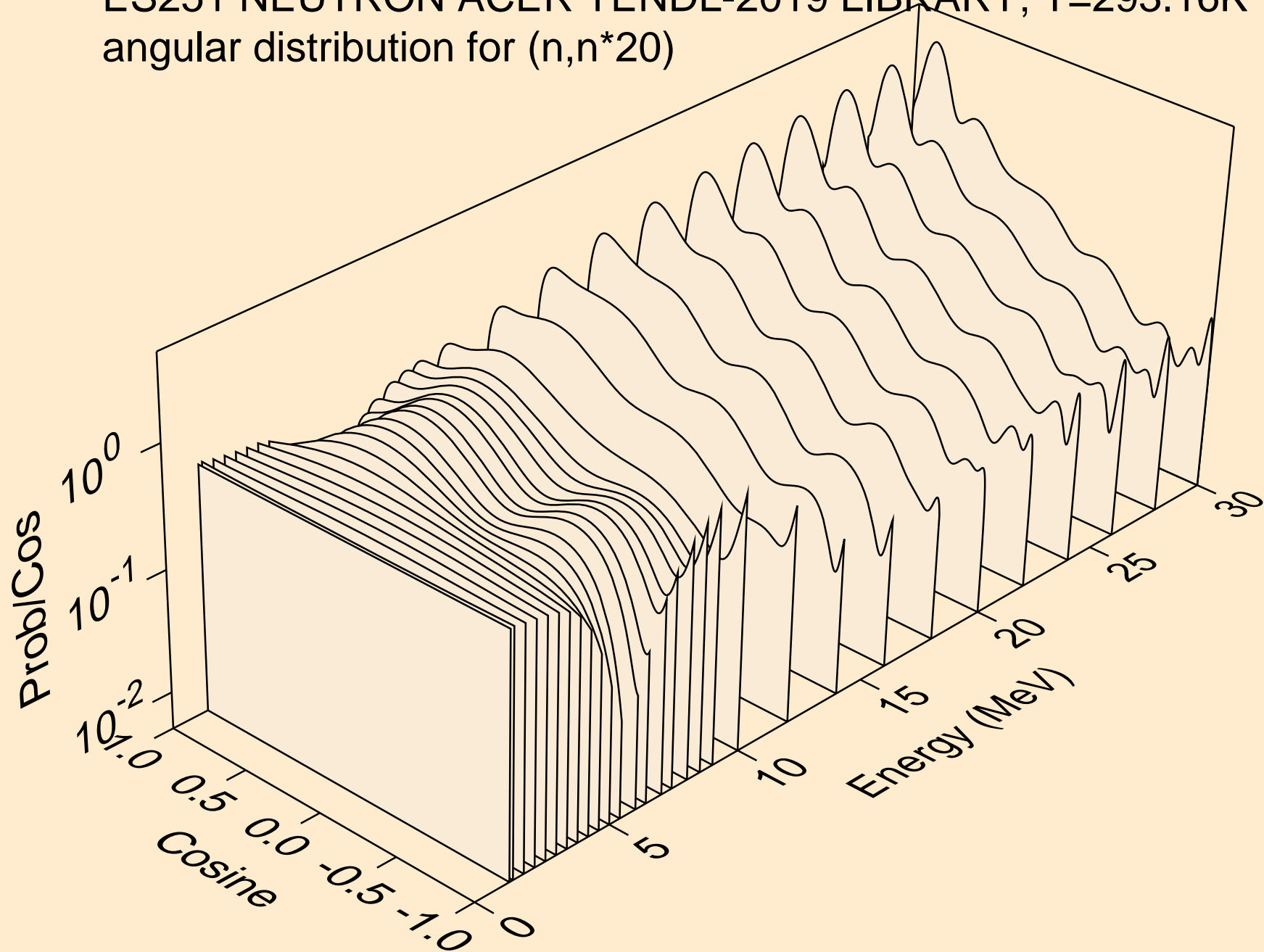
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



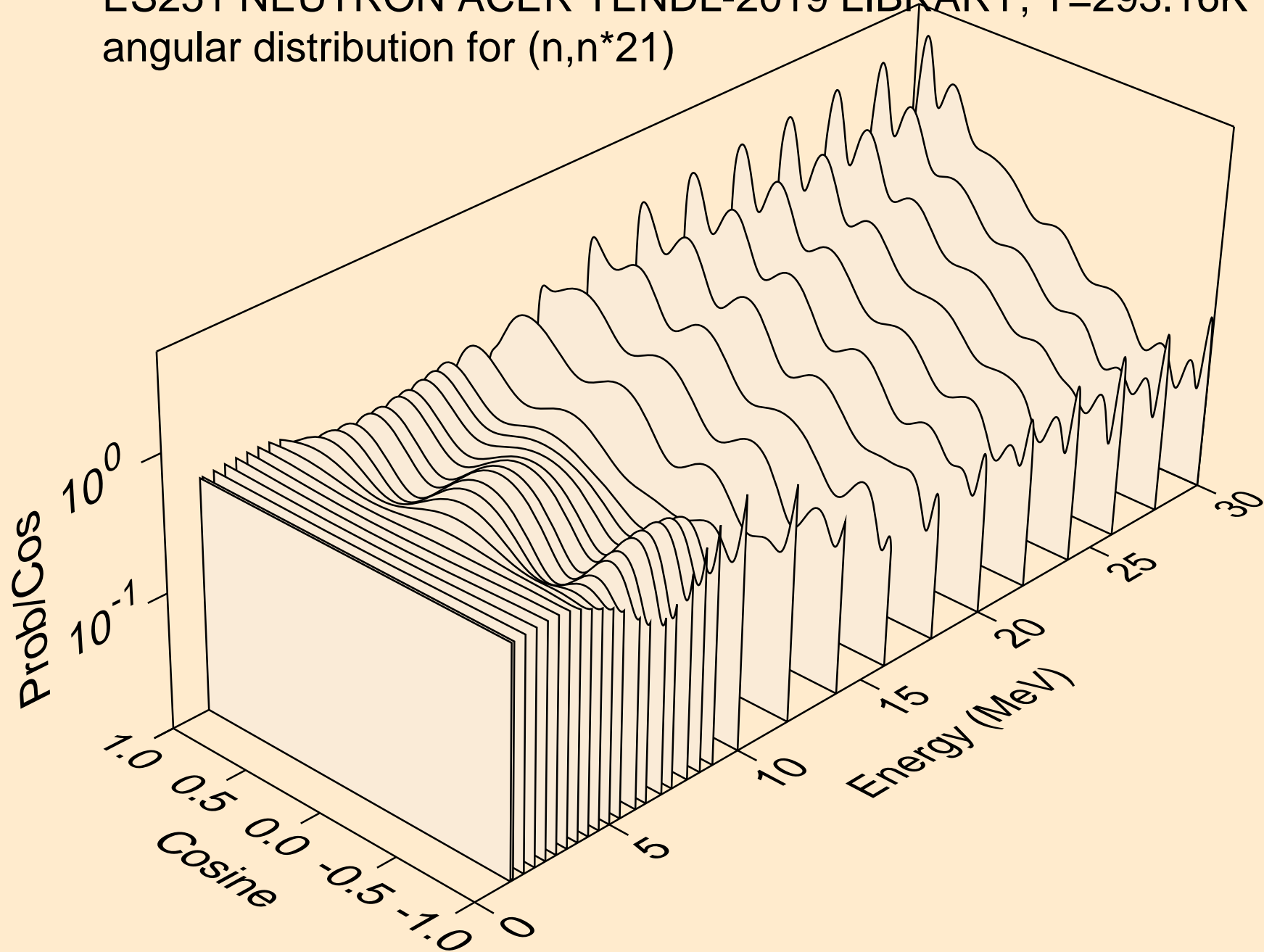
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



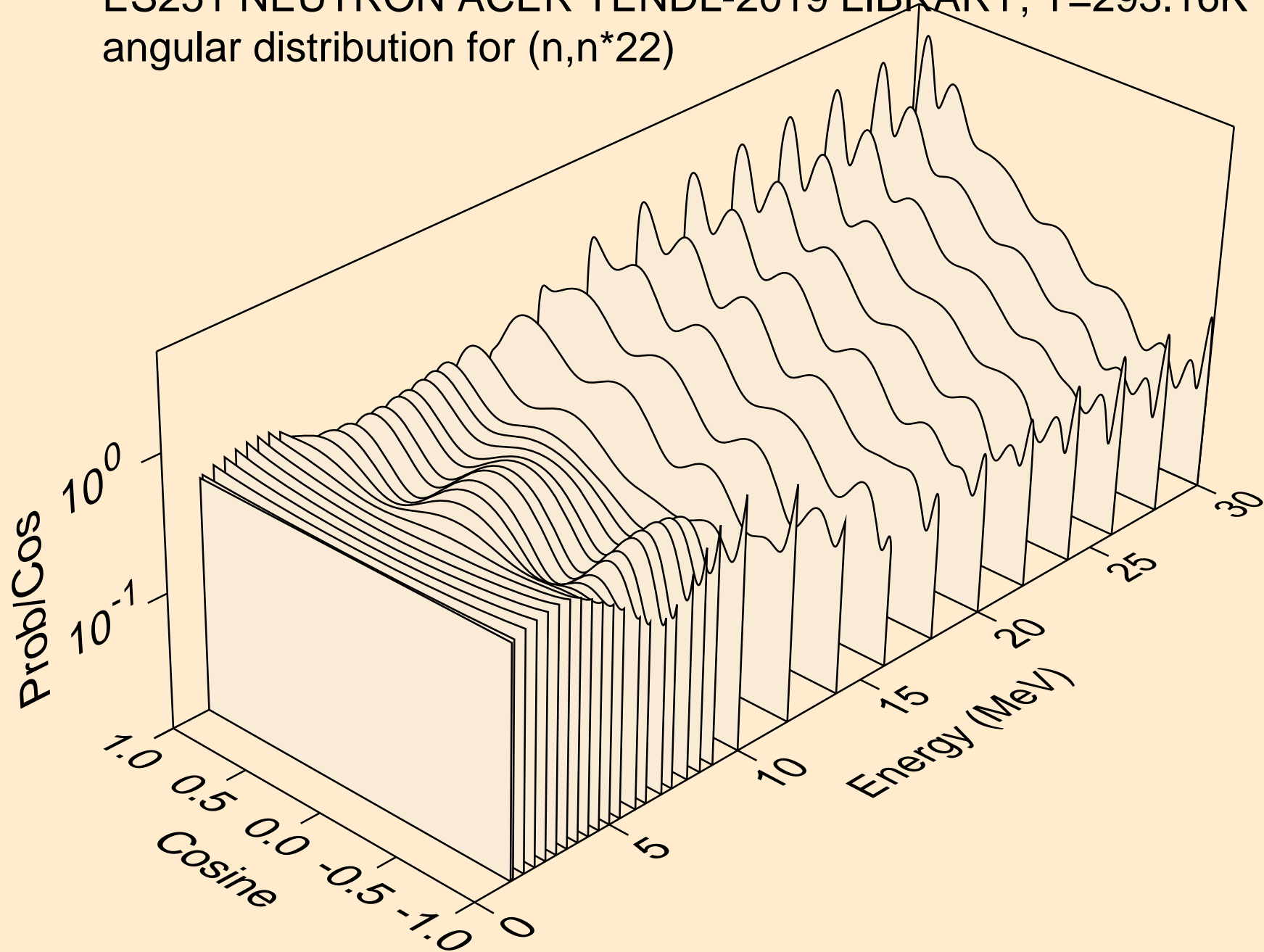
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



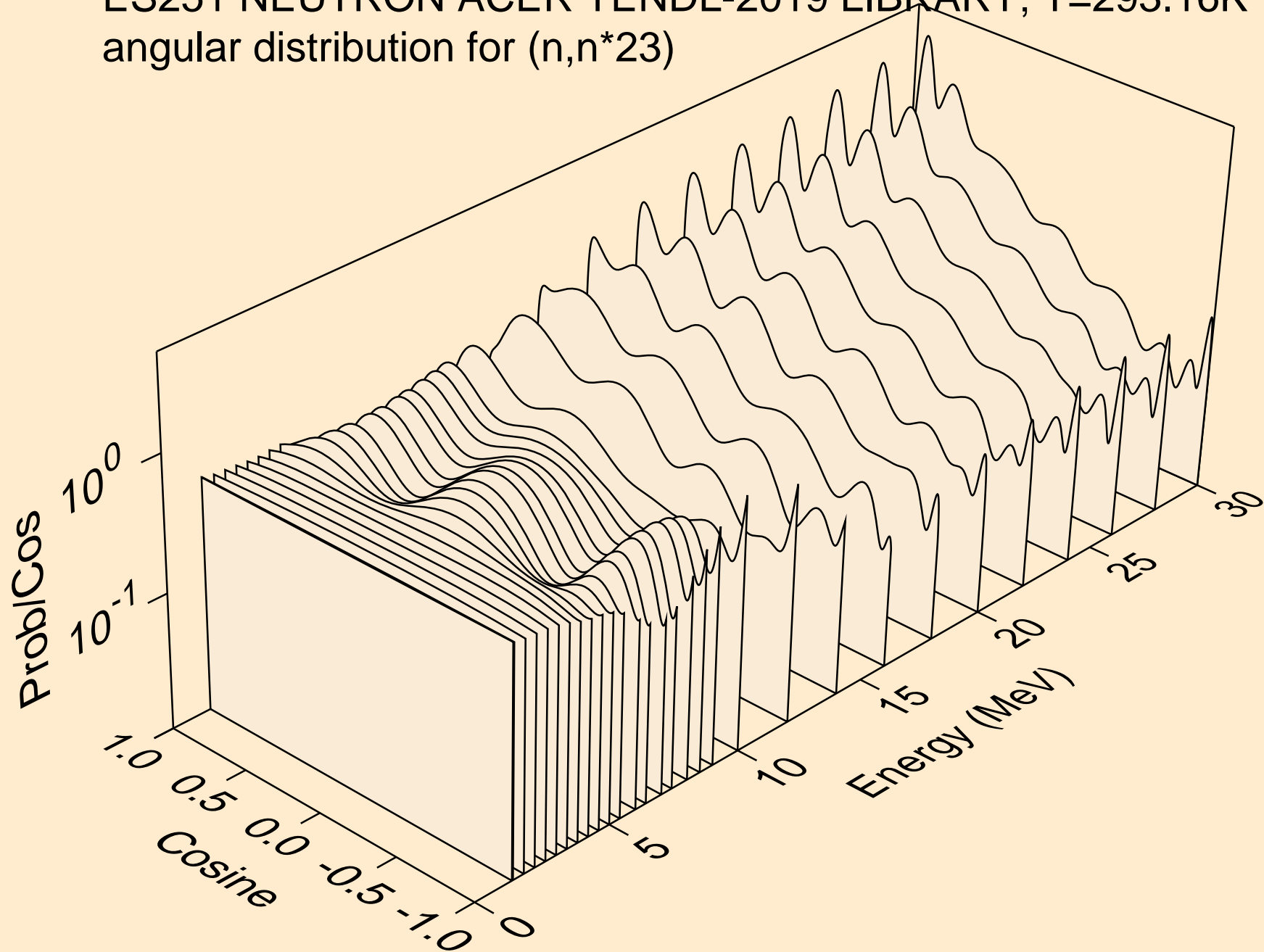
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



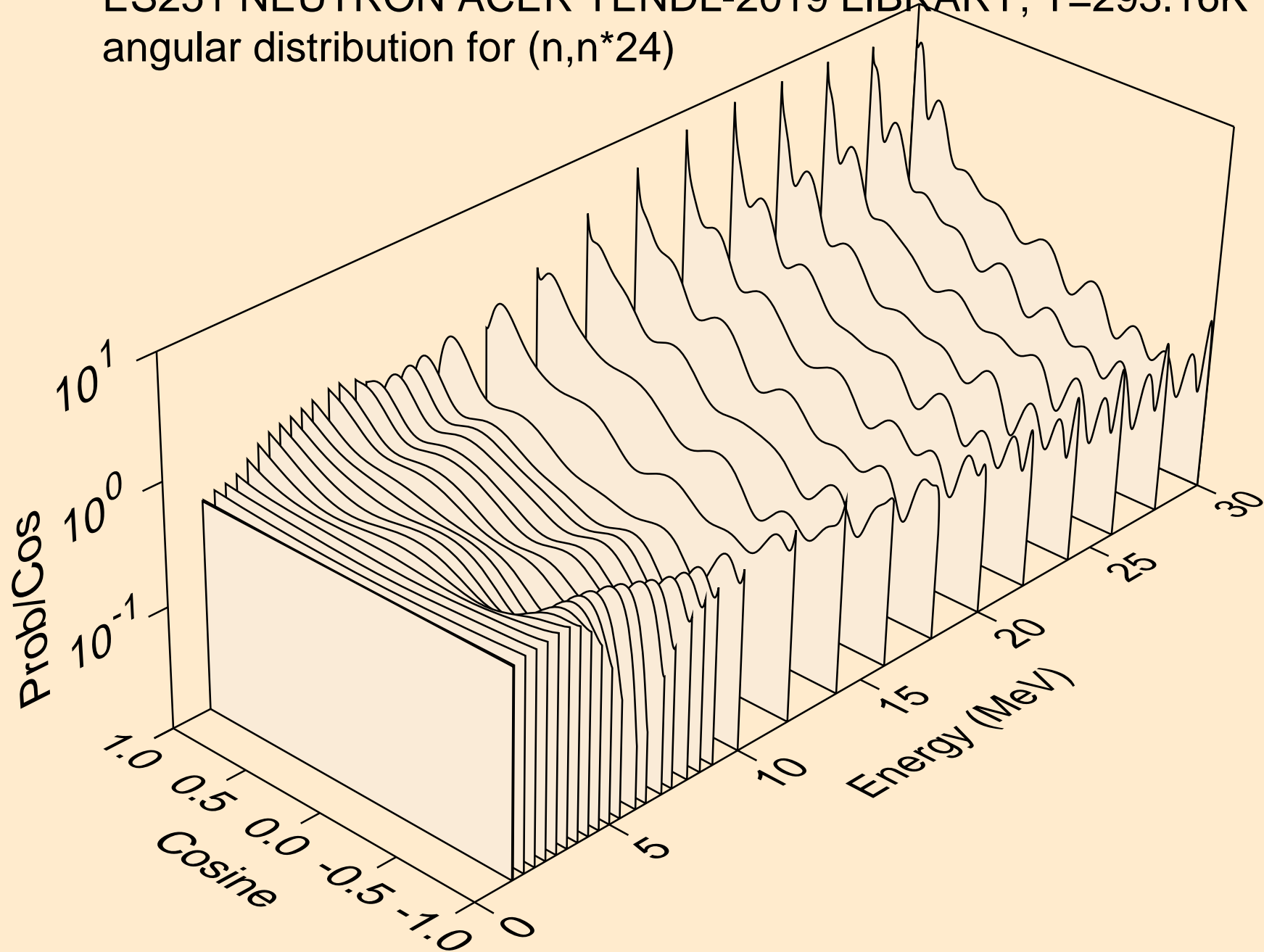
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



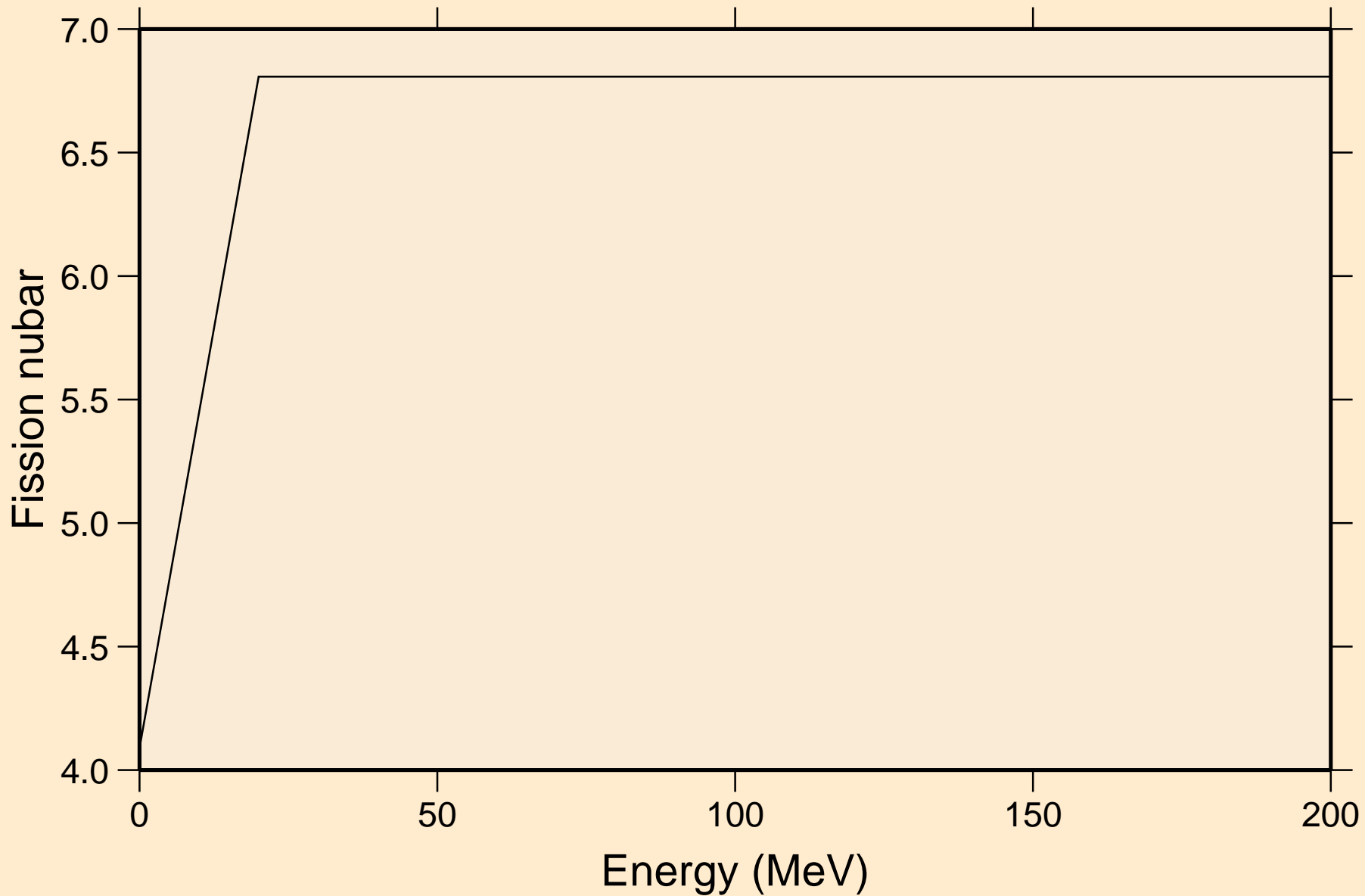
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



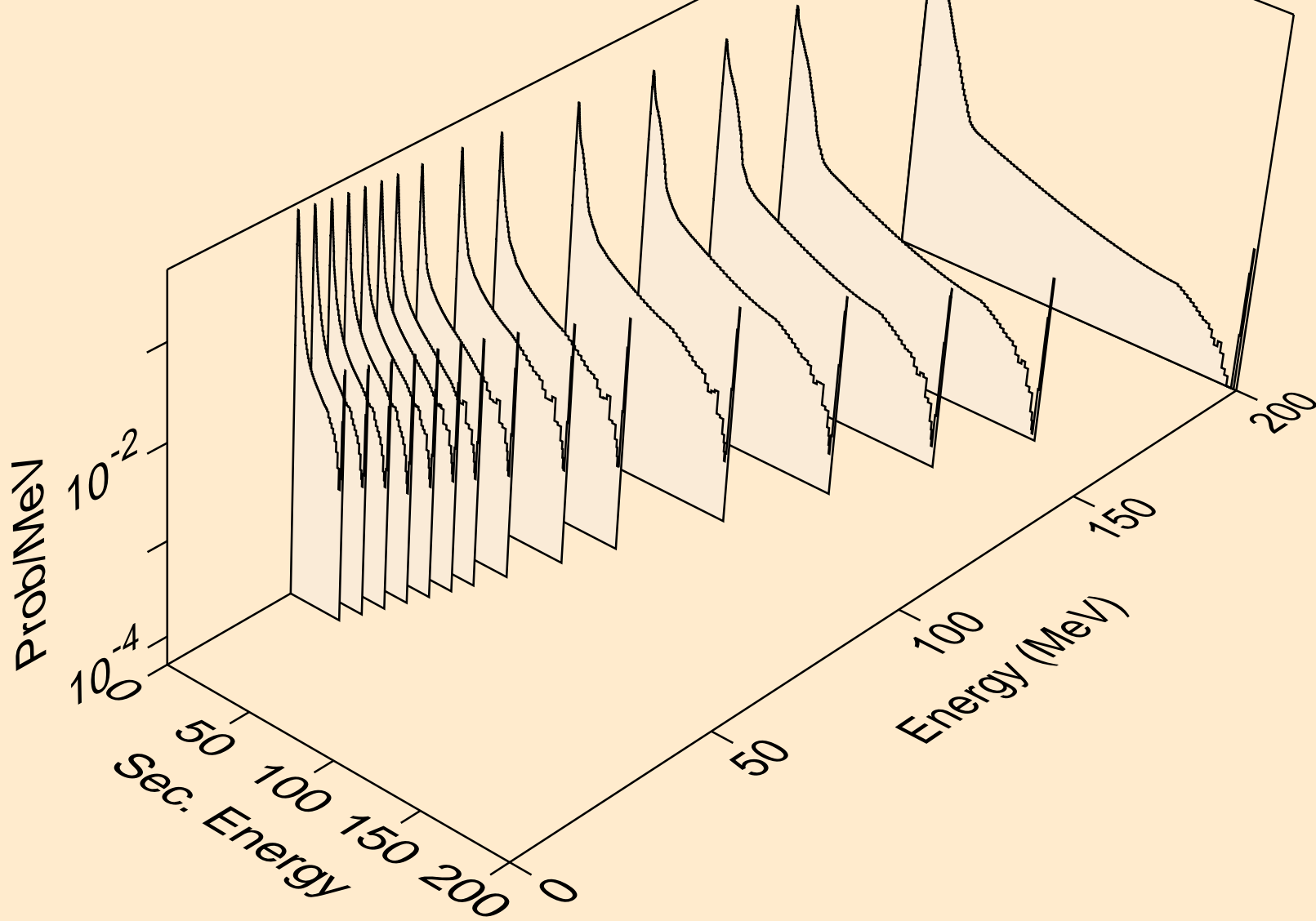
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



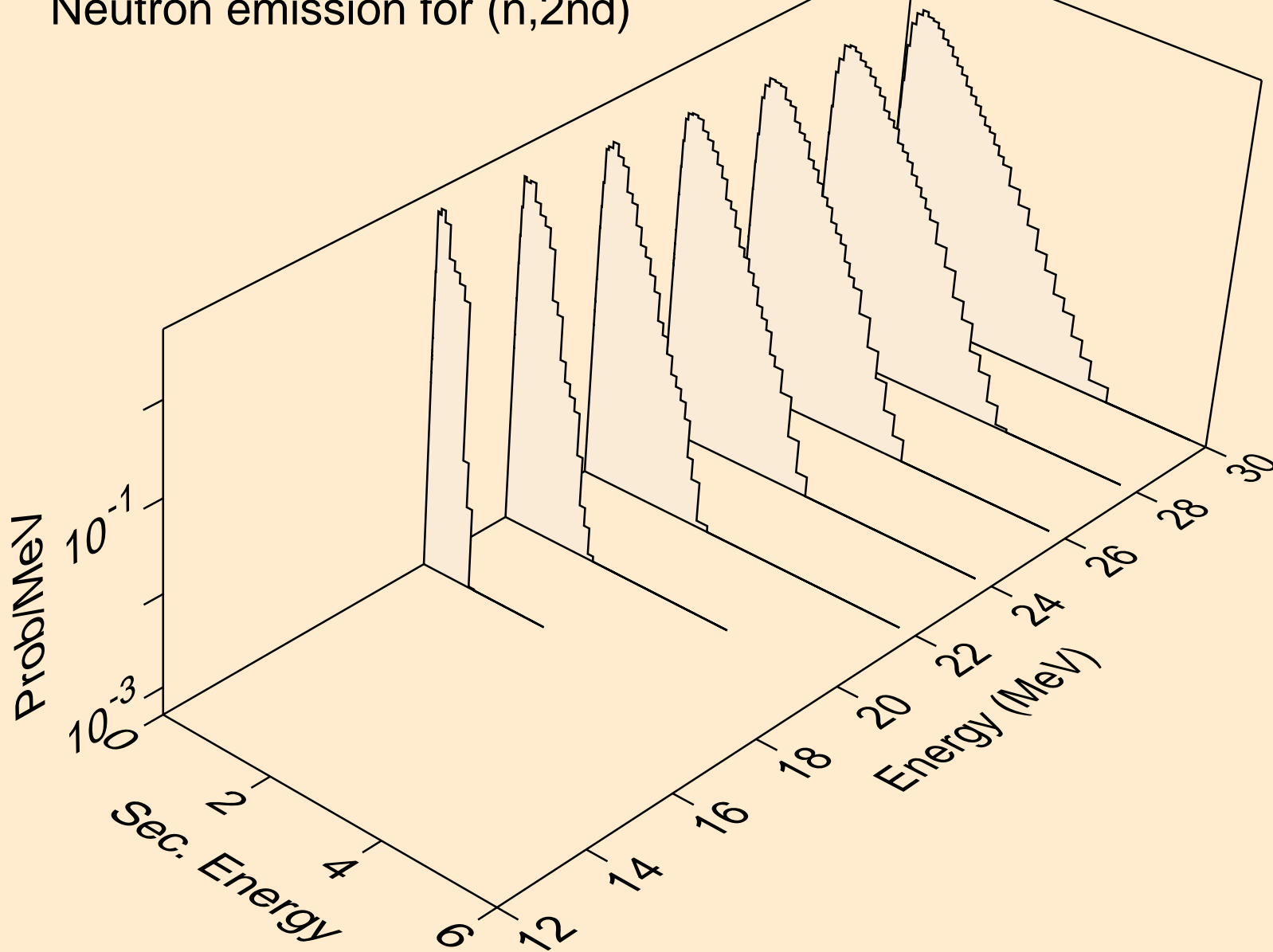
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Total fission nubar



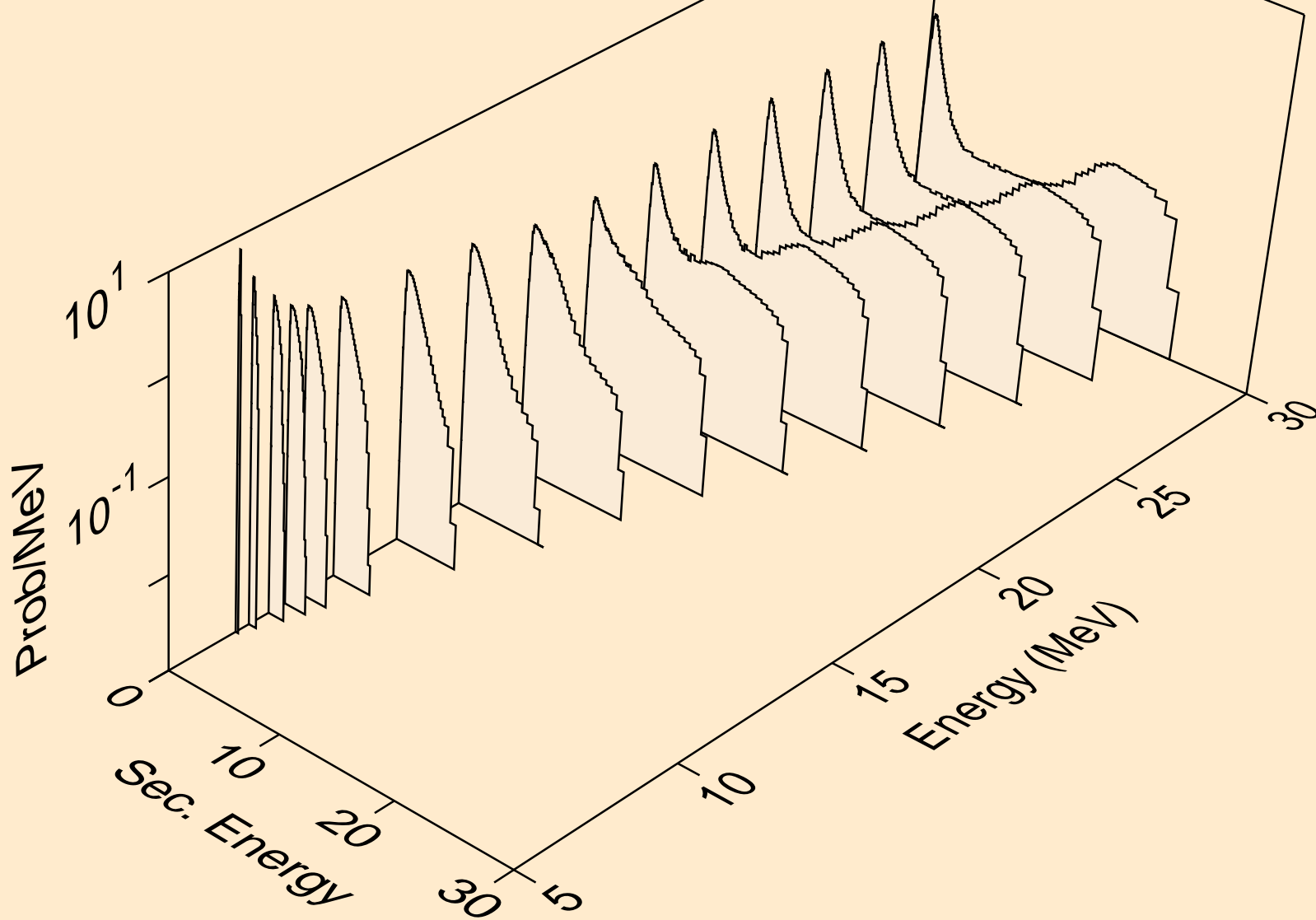
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



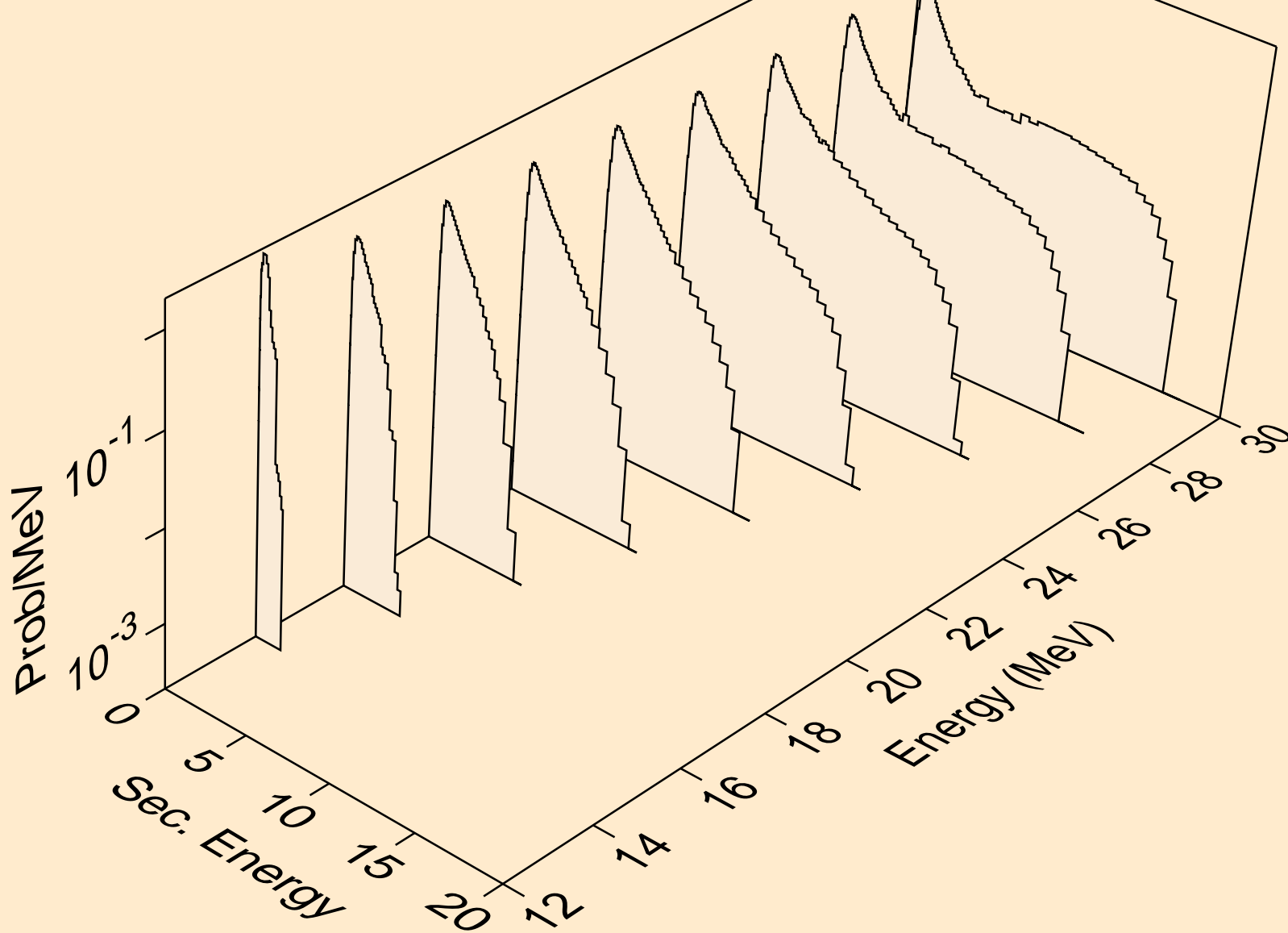
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



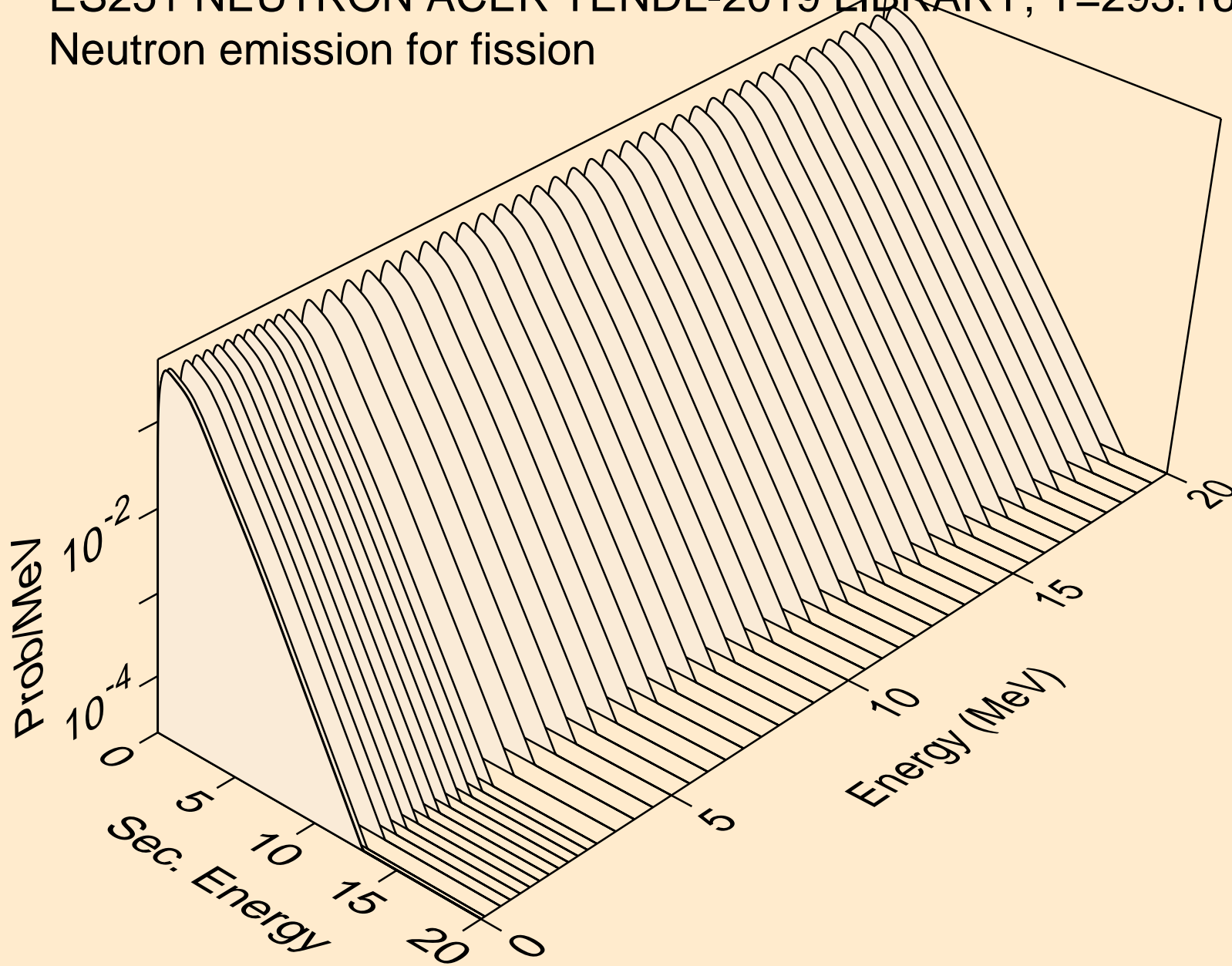
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



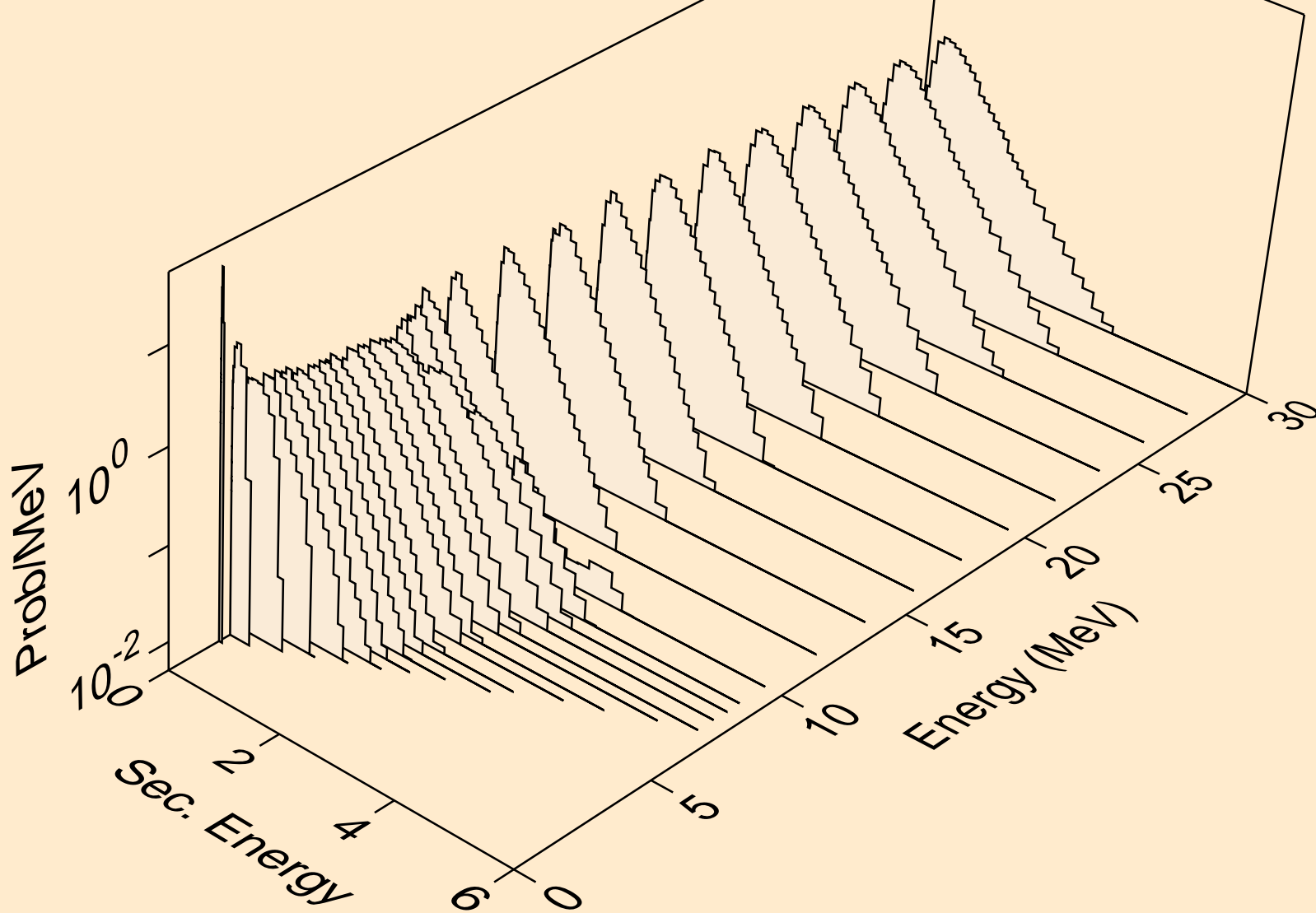
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



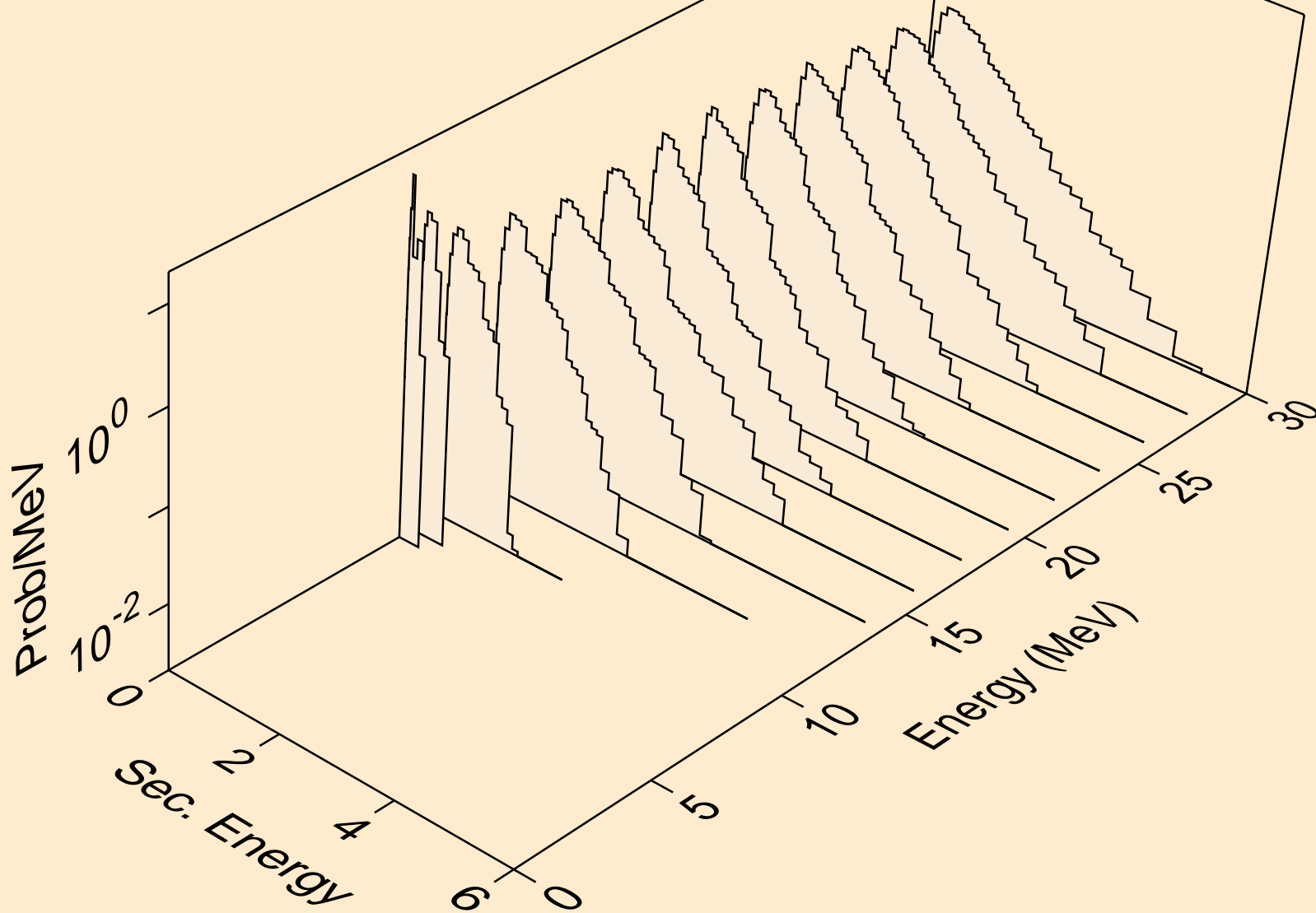
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for fission



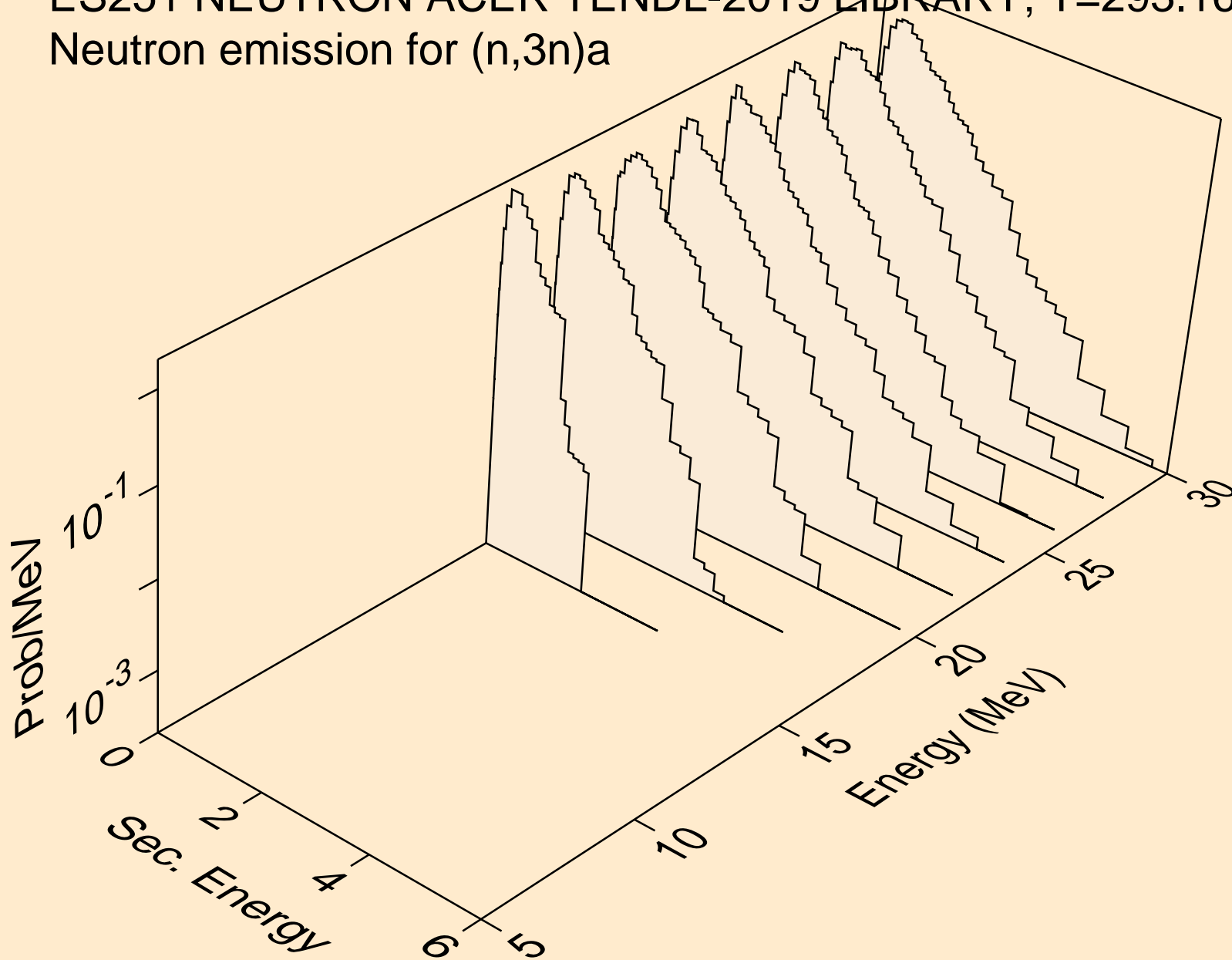
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



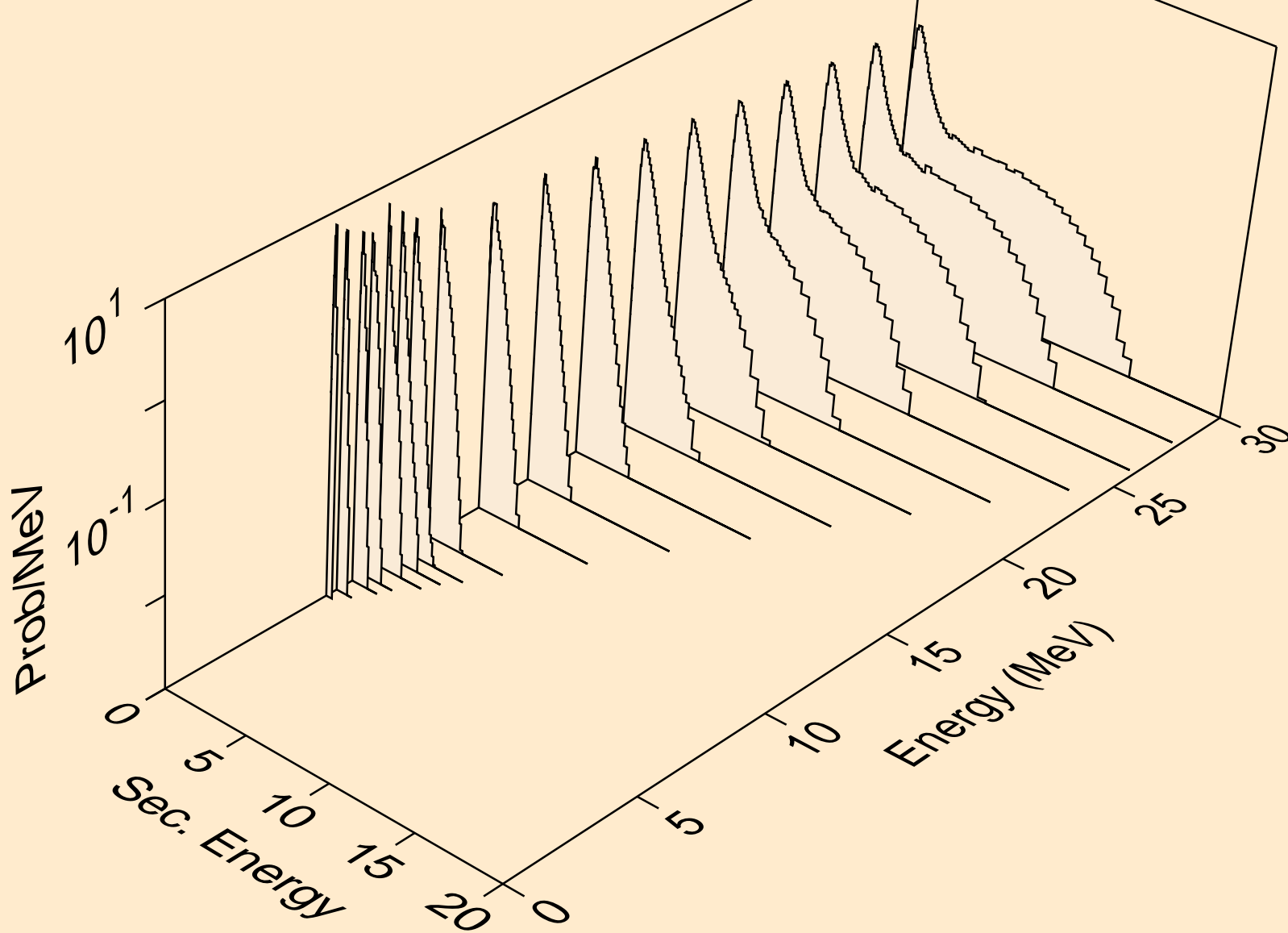
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



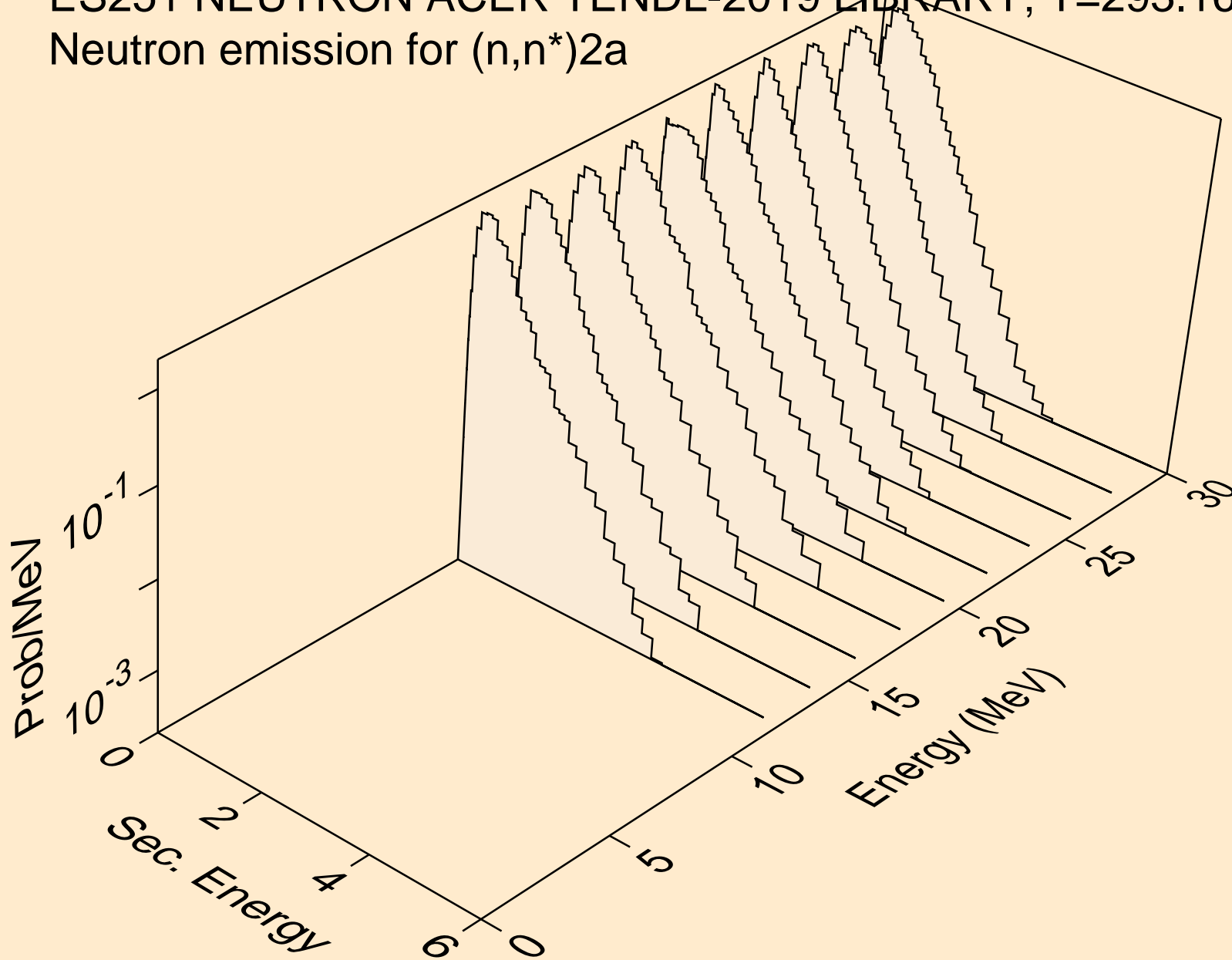
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



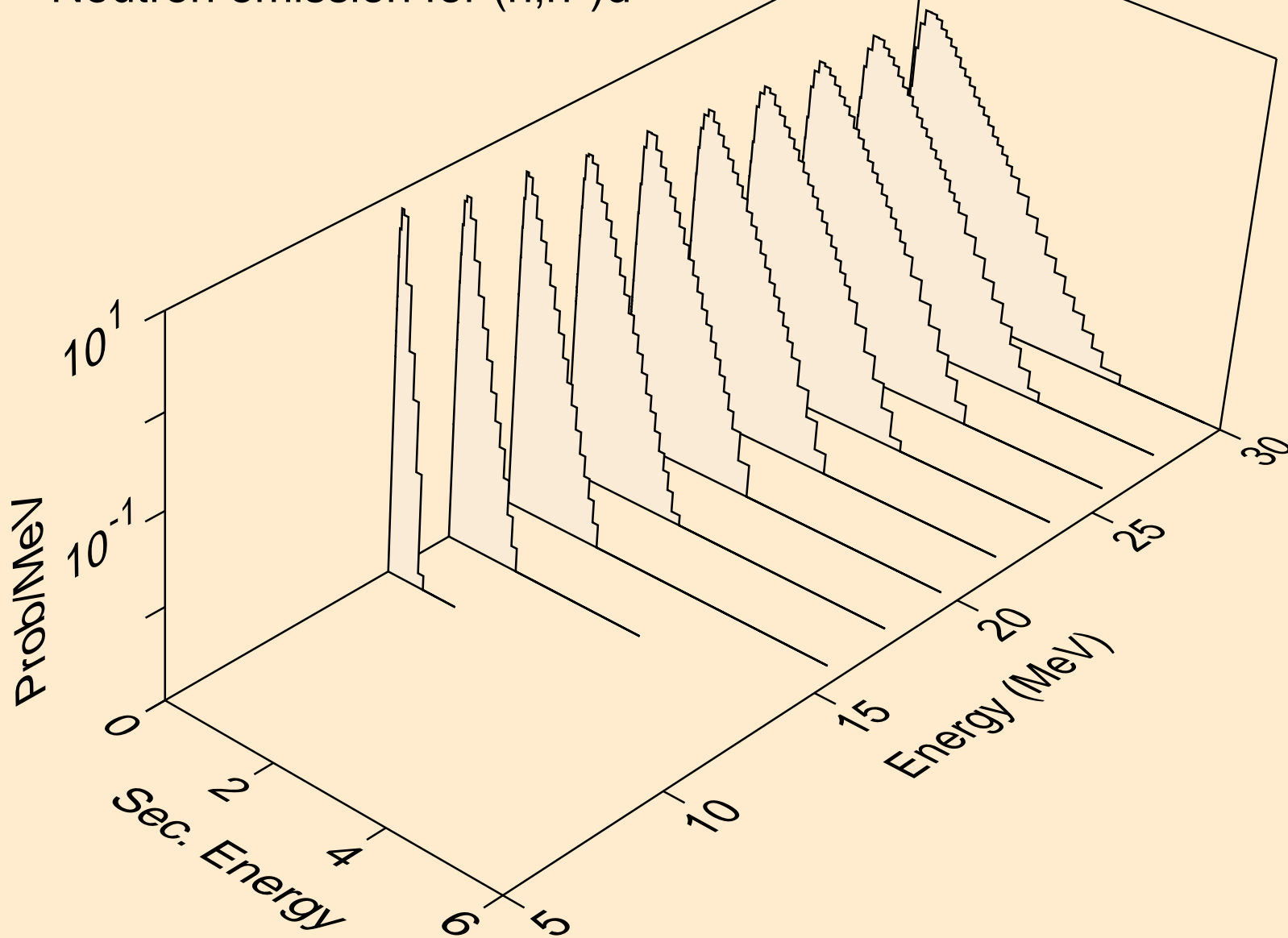
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



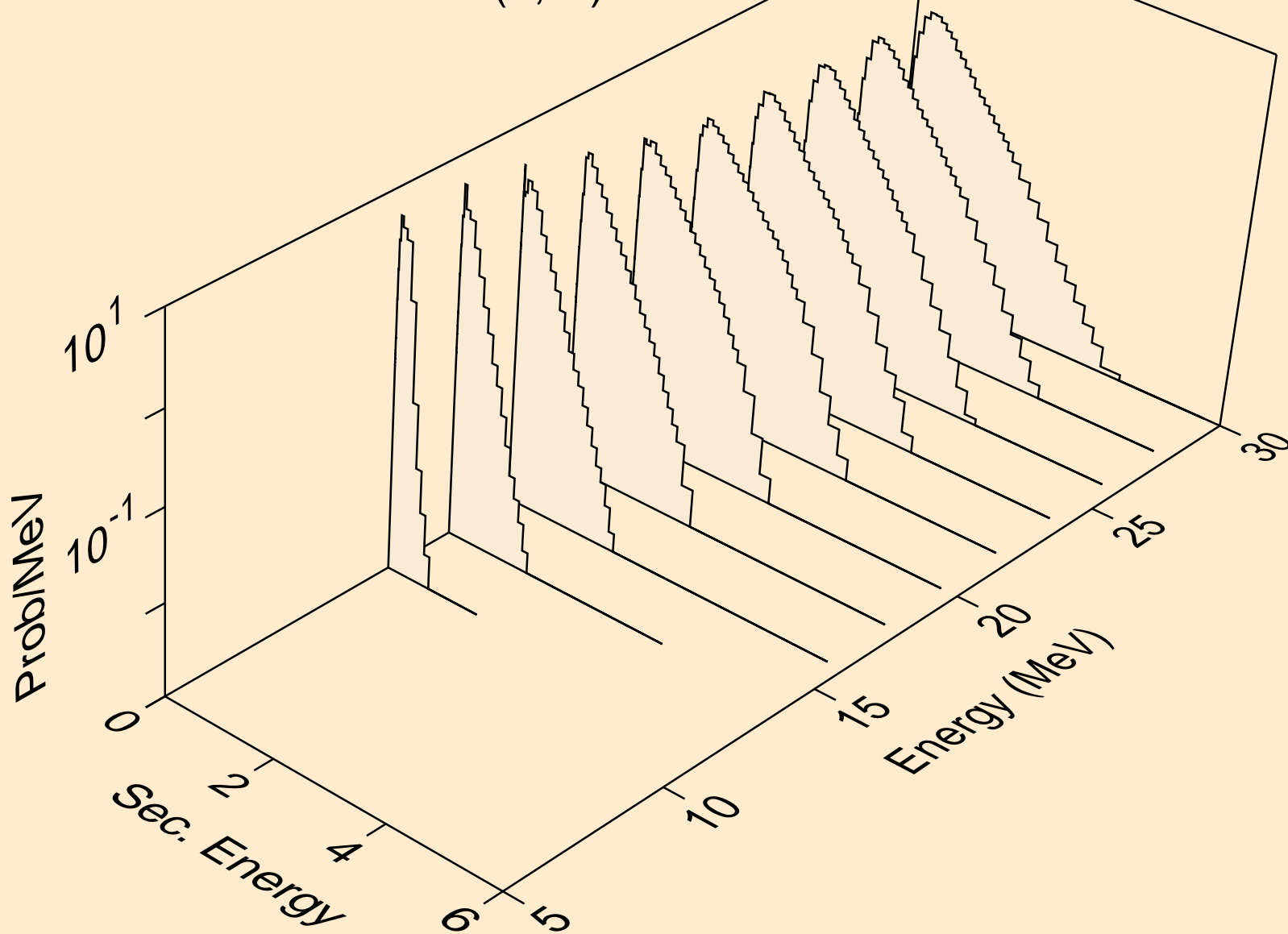
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



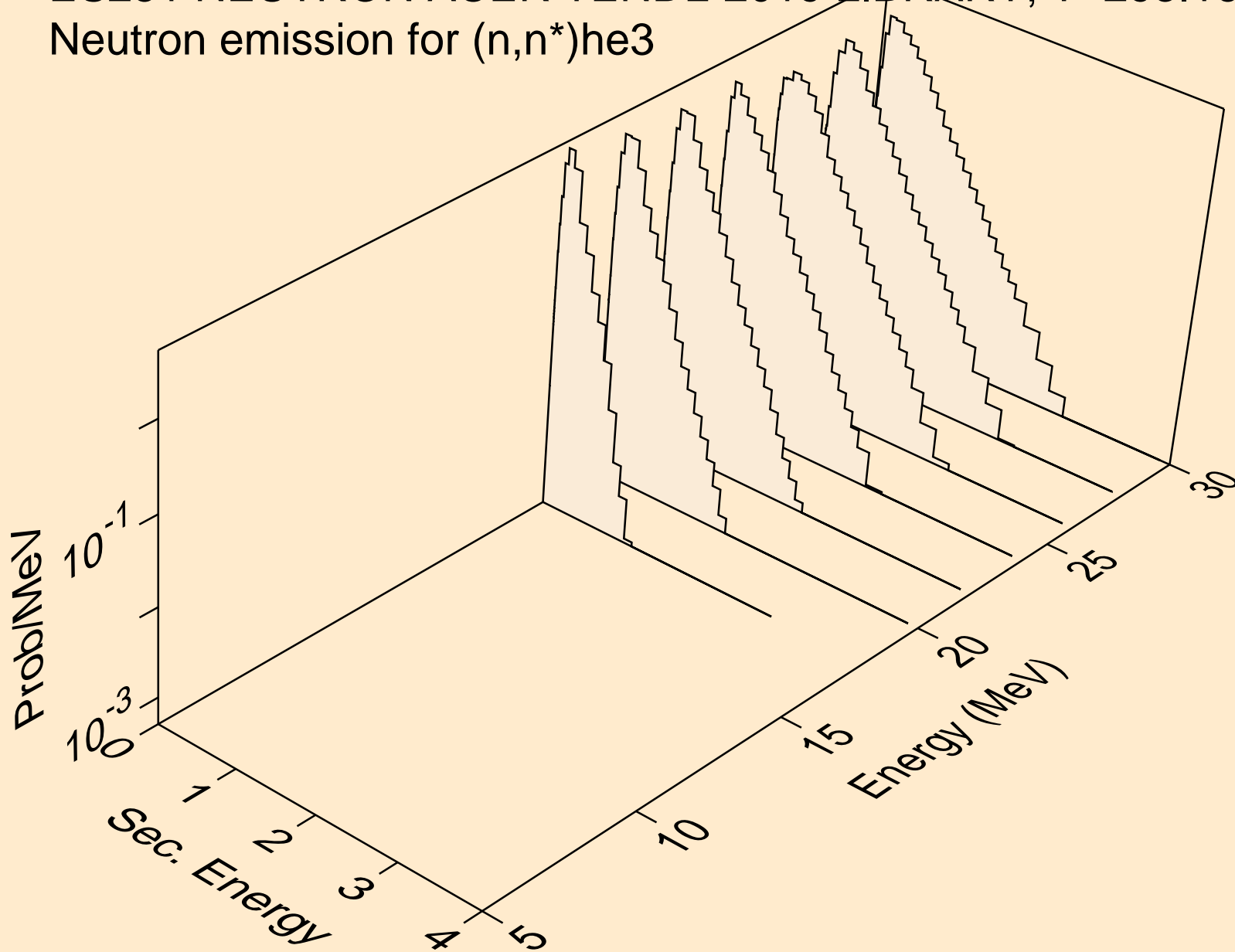
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



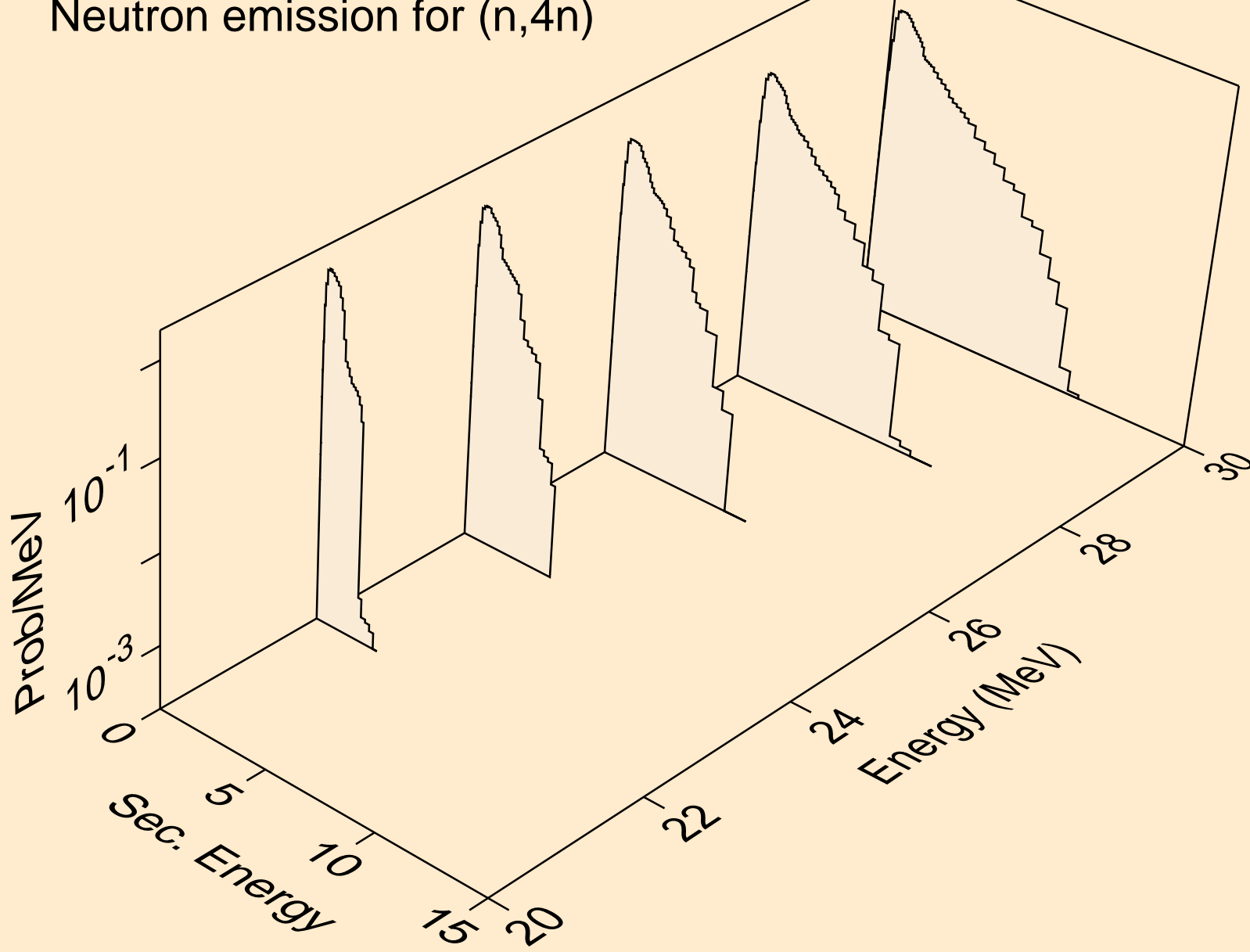
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



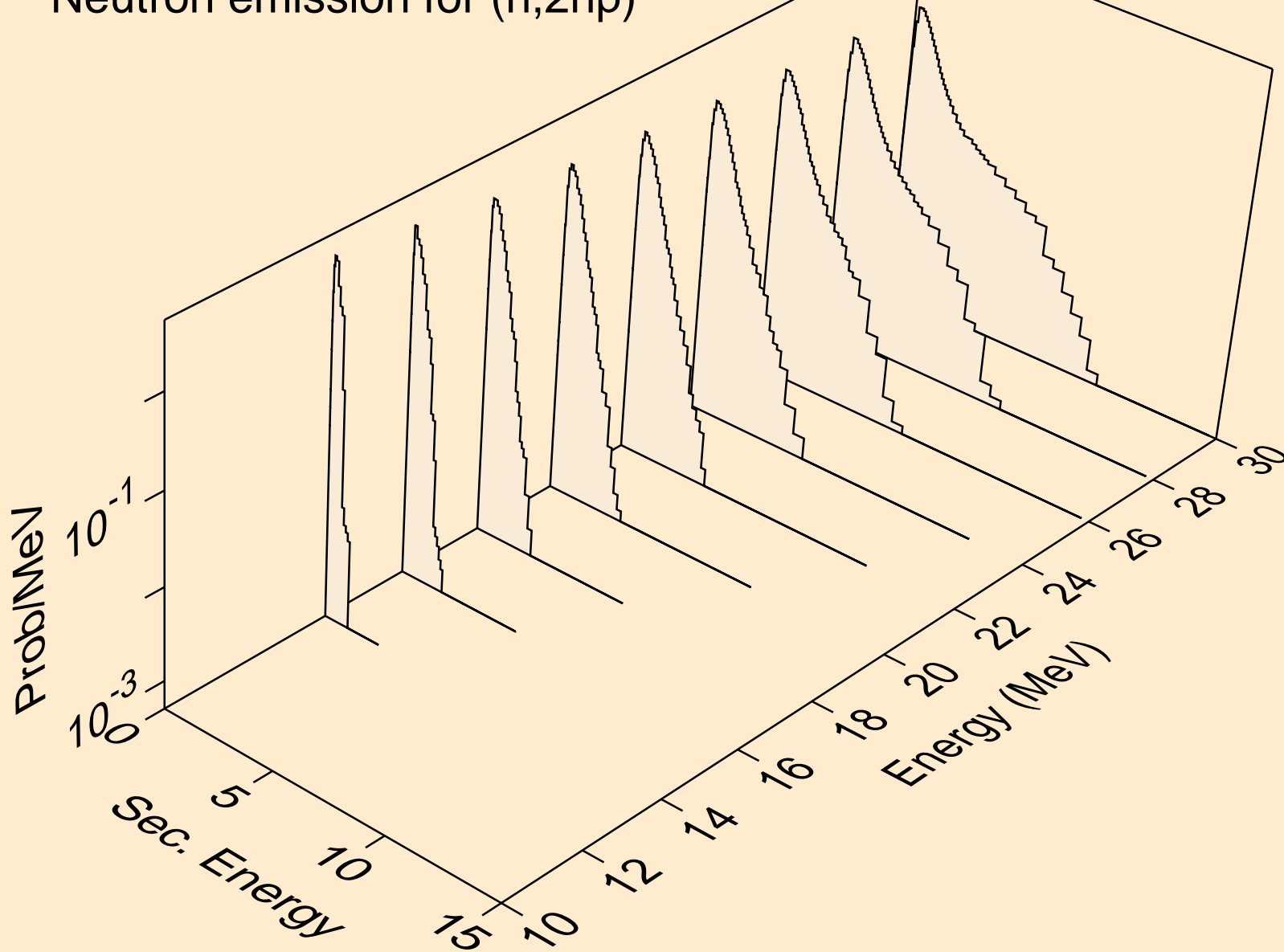
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



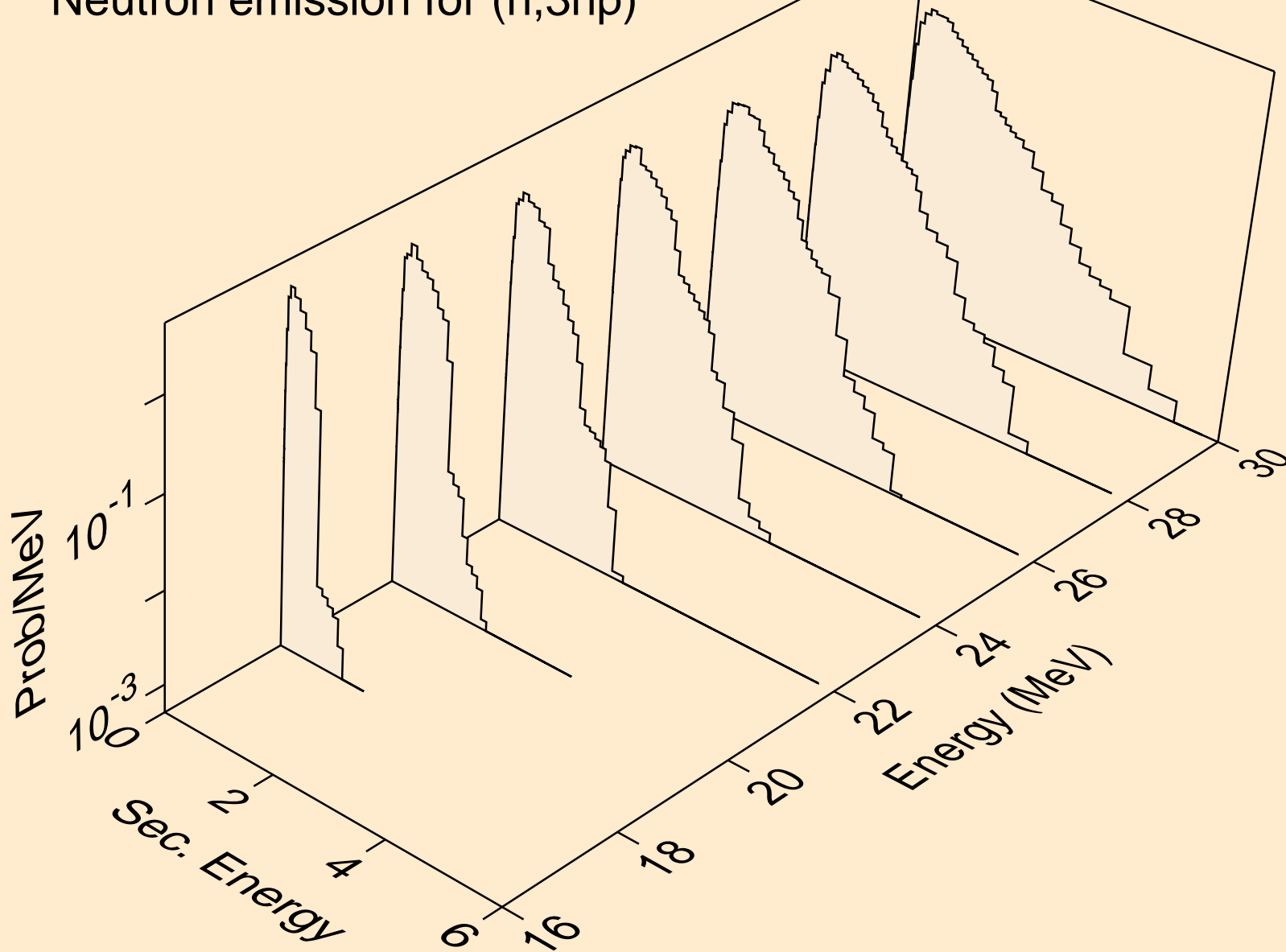
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



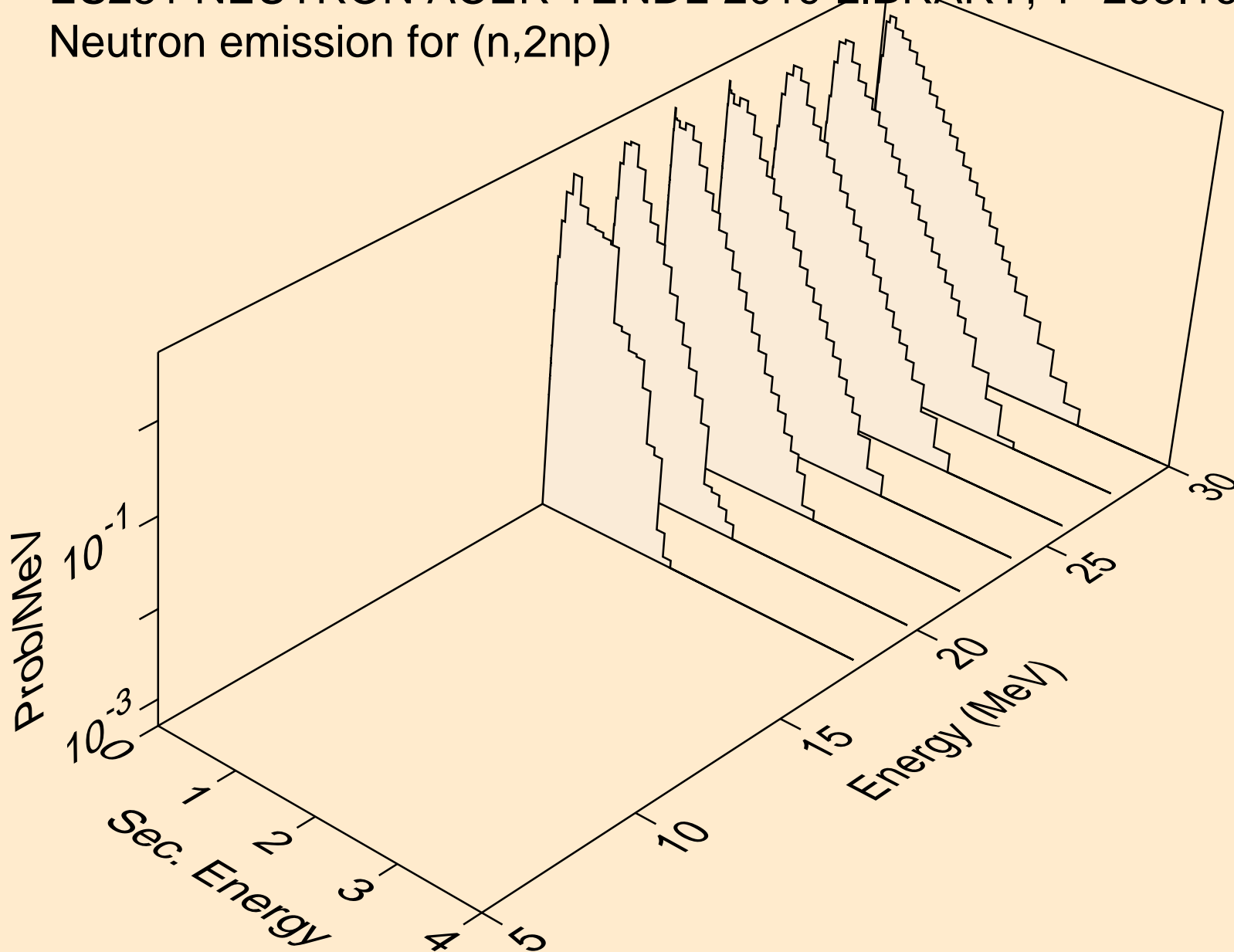
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



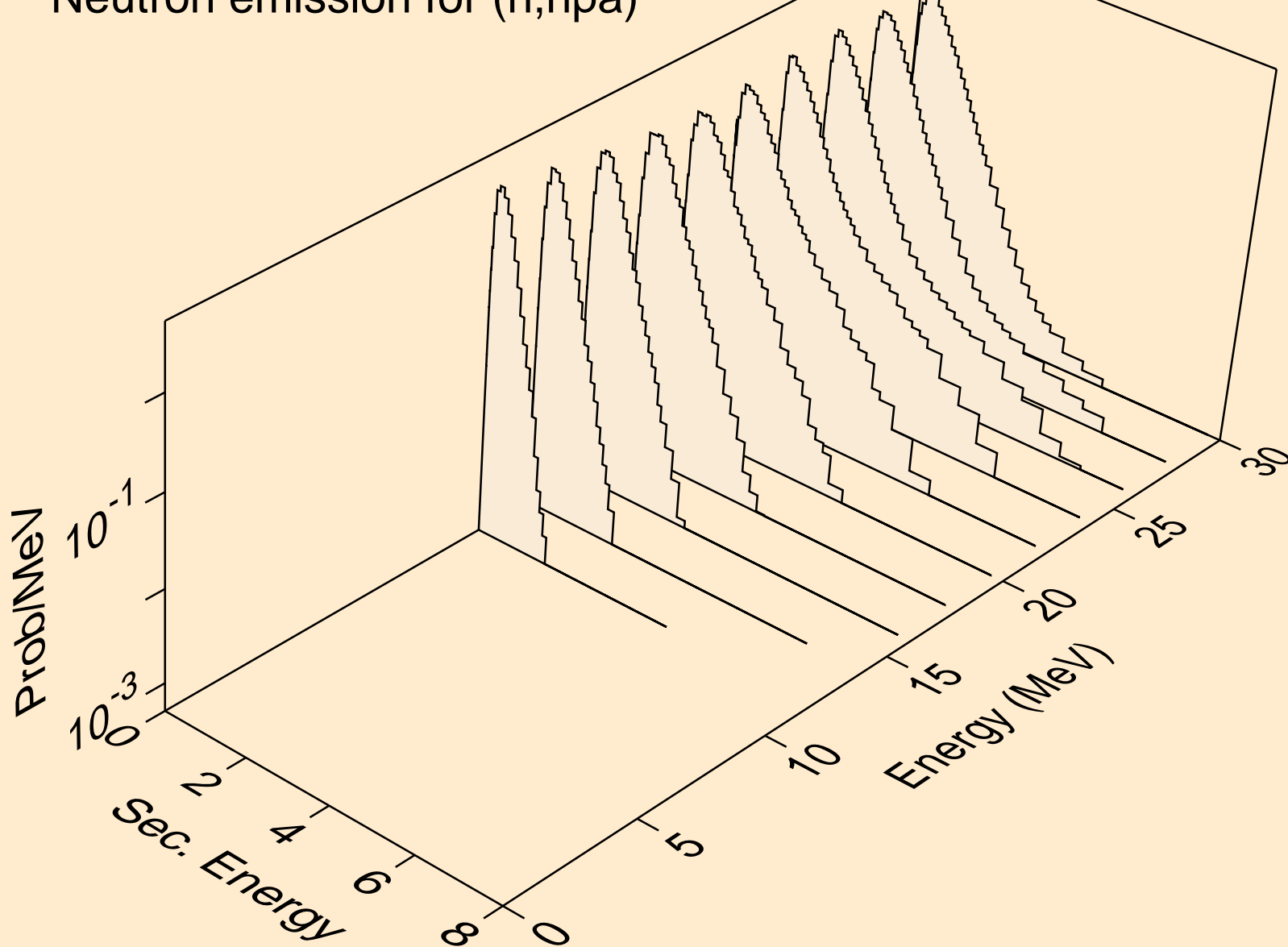
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



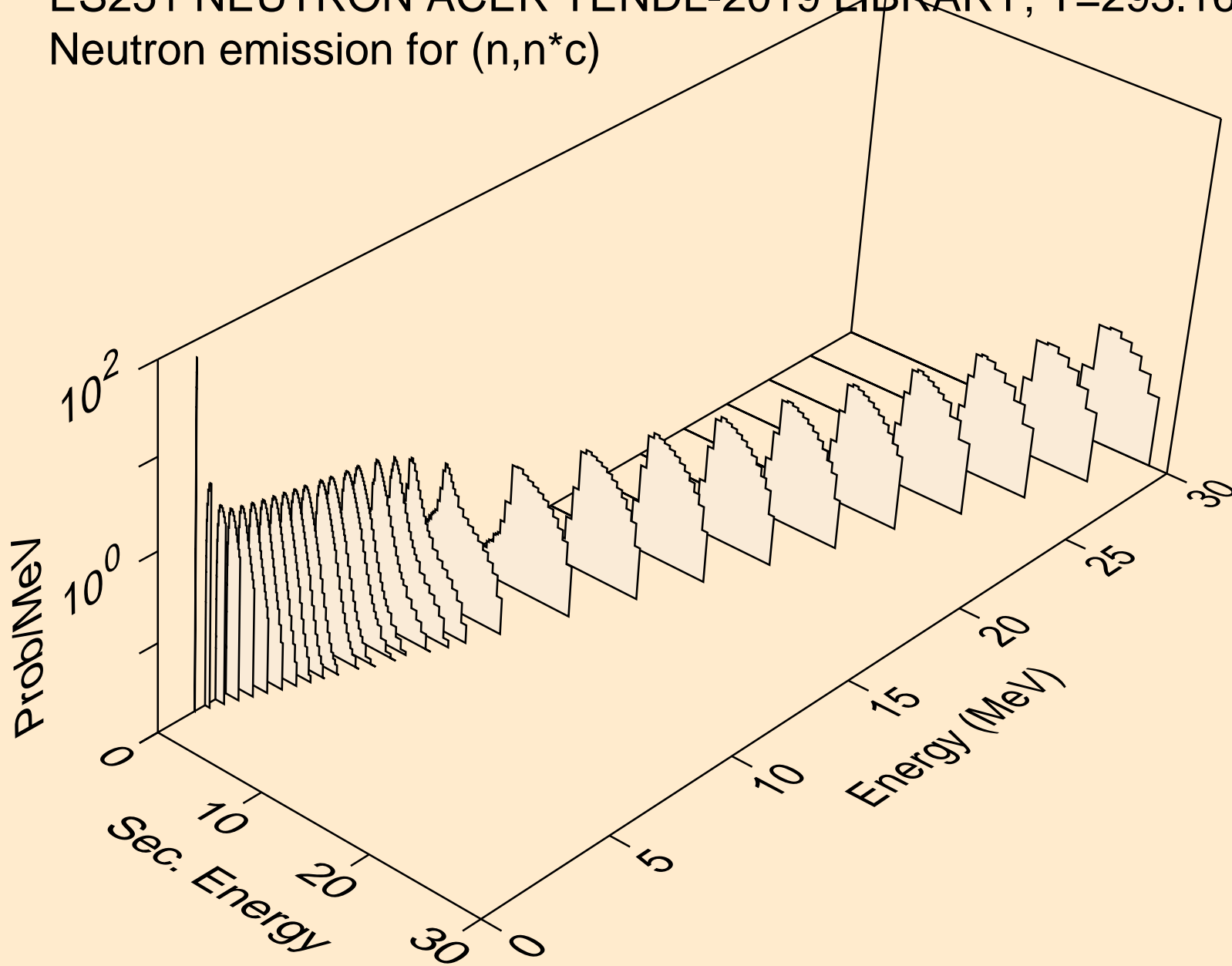
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



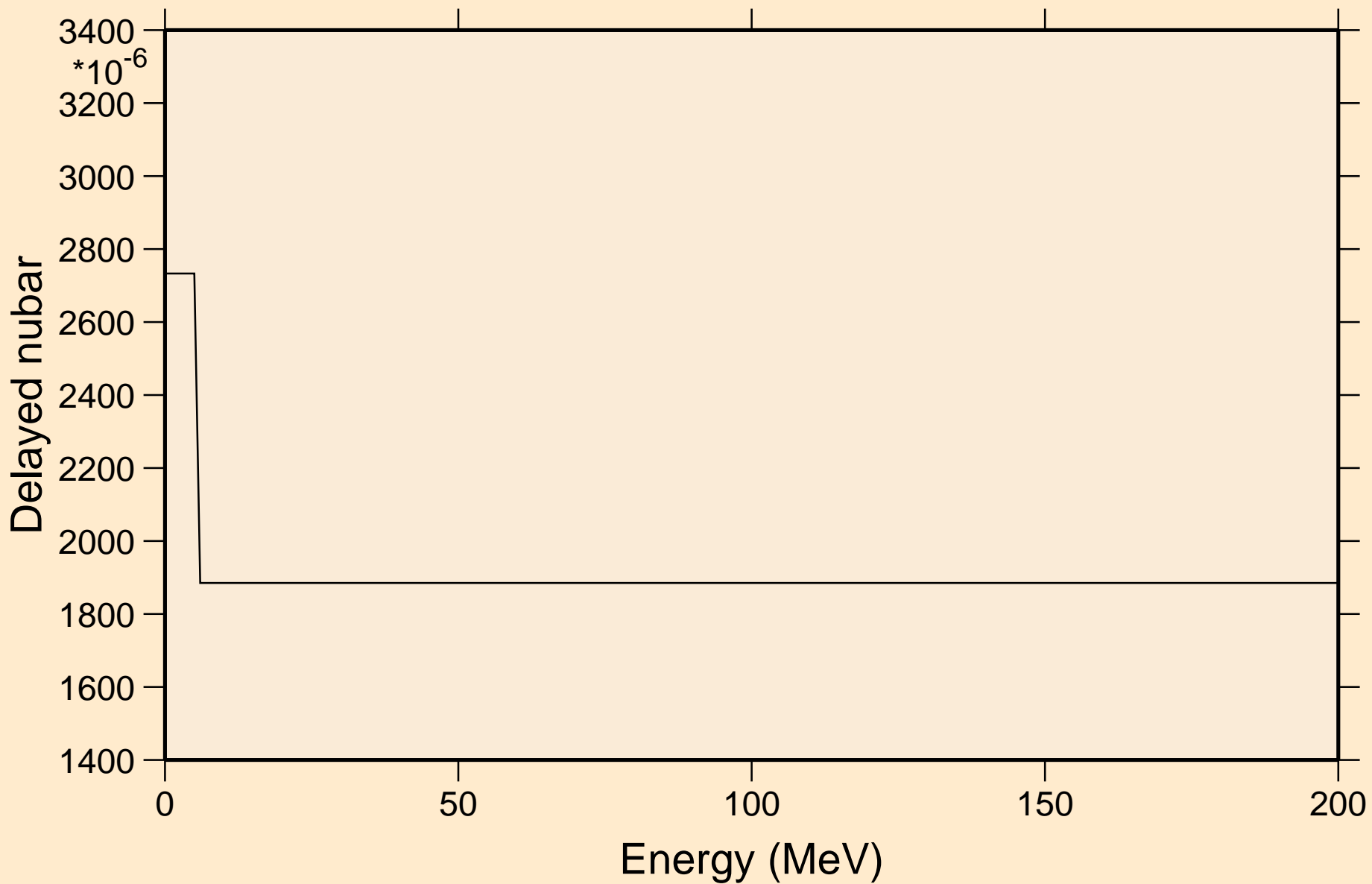
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)

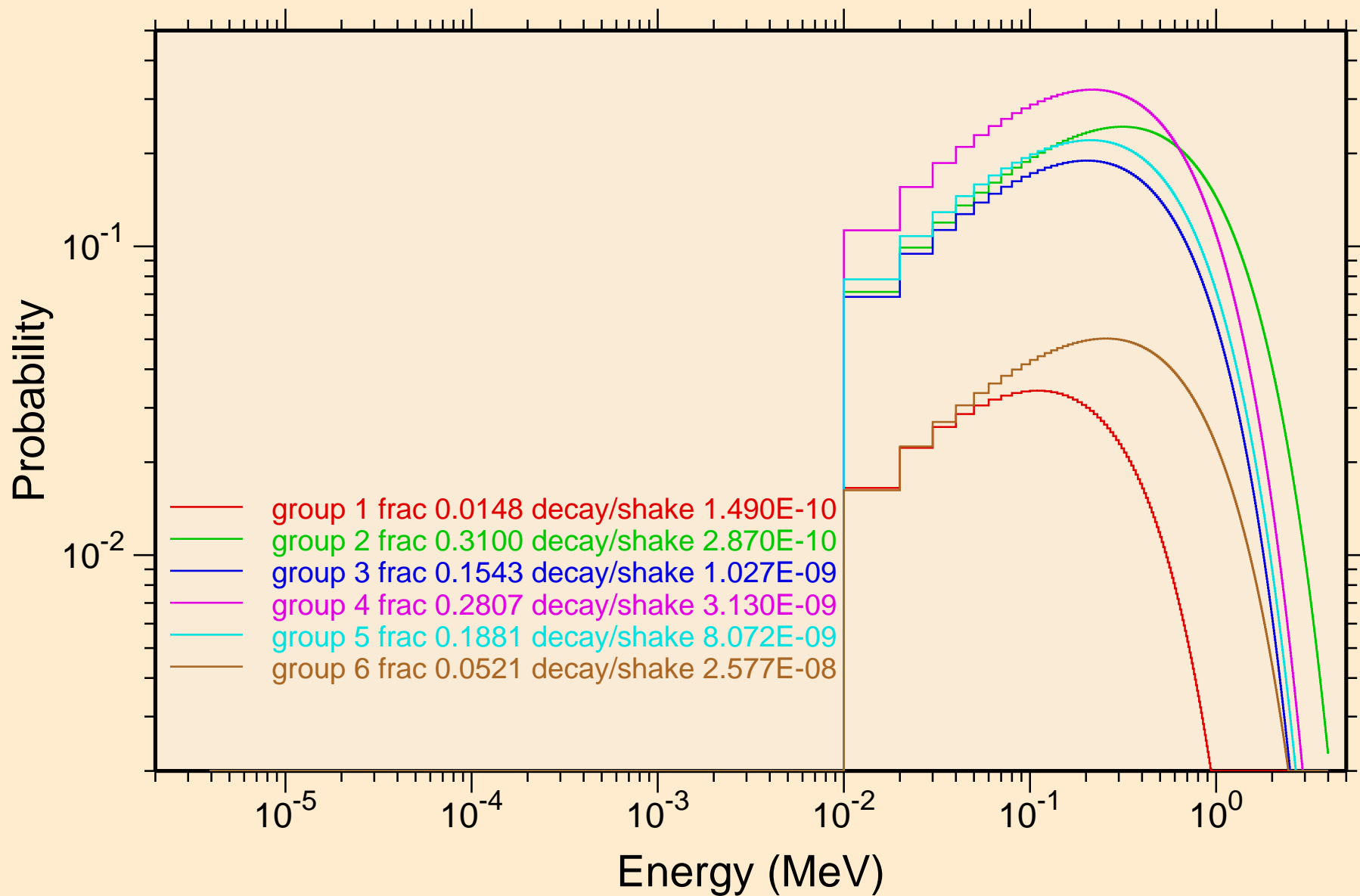


ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Delayed nubar

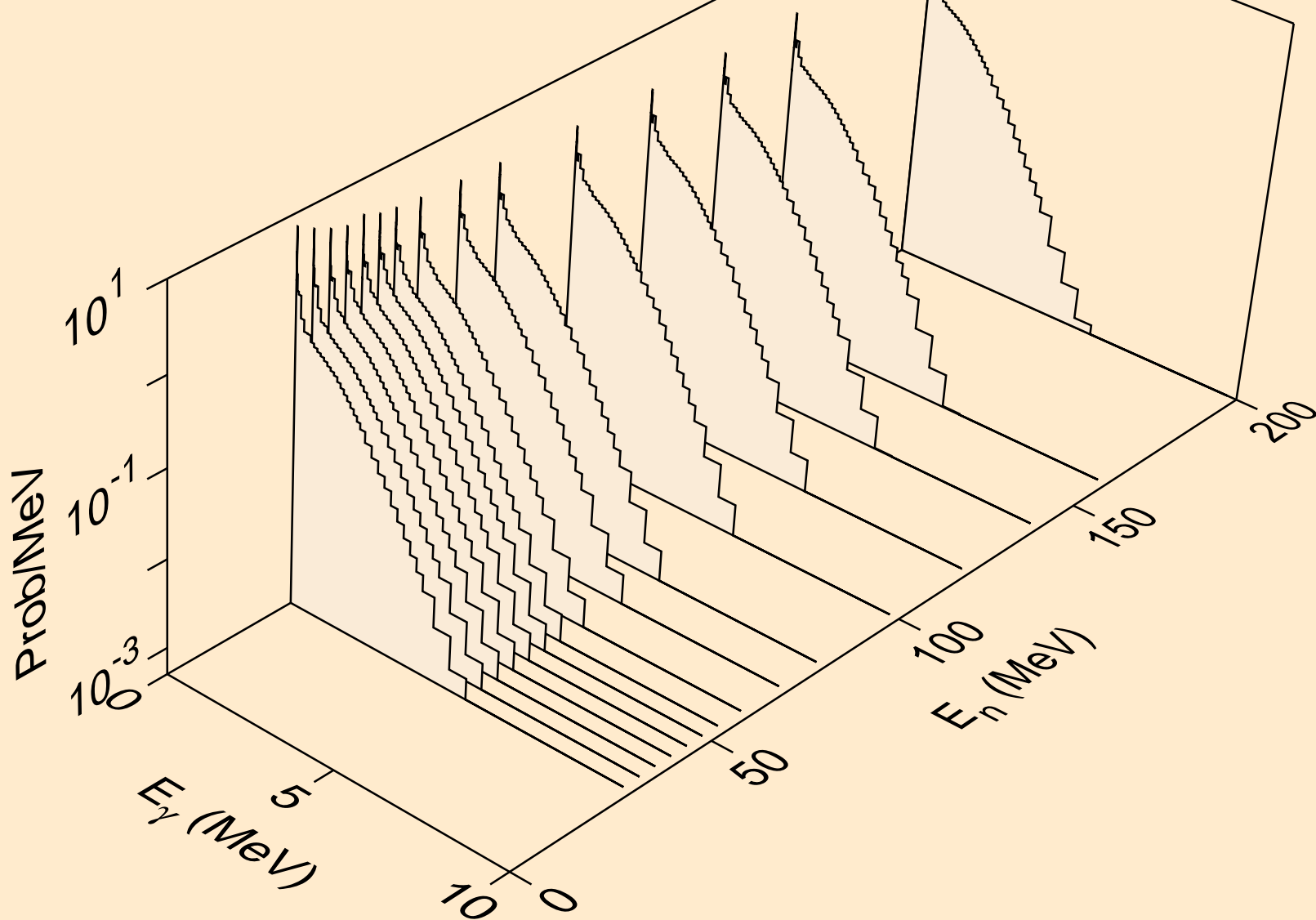


ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

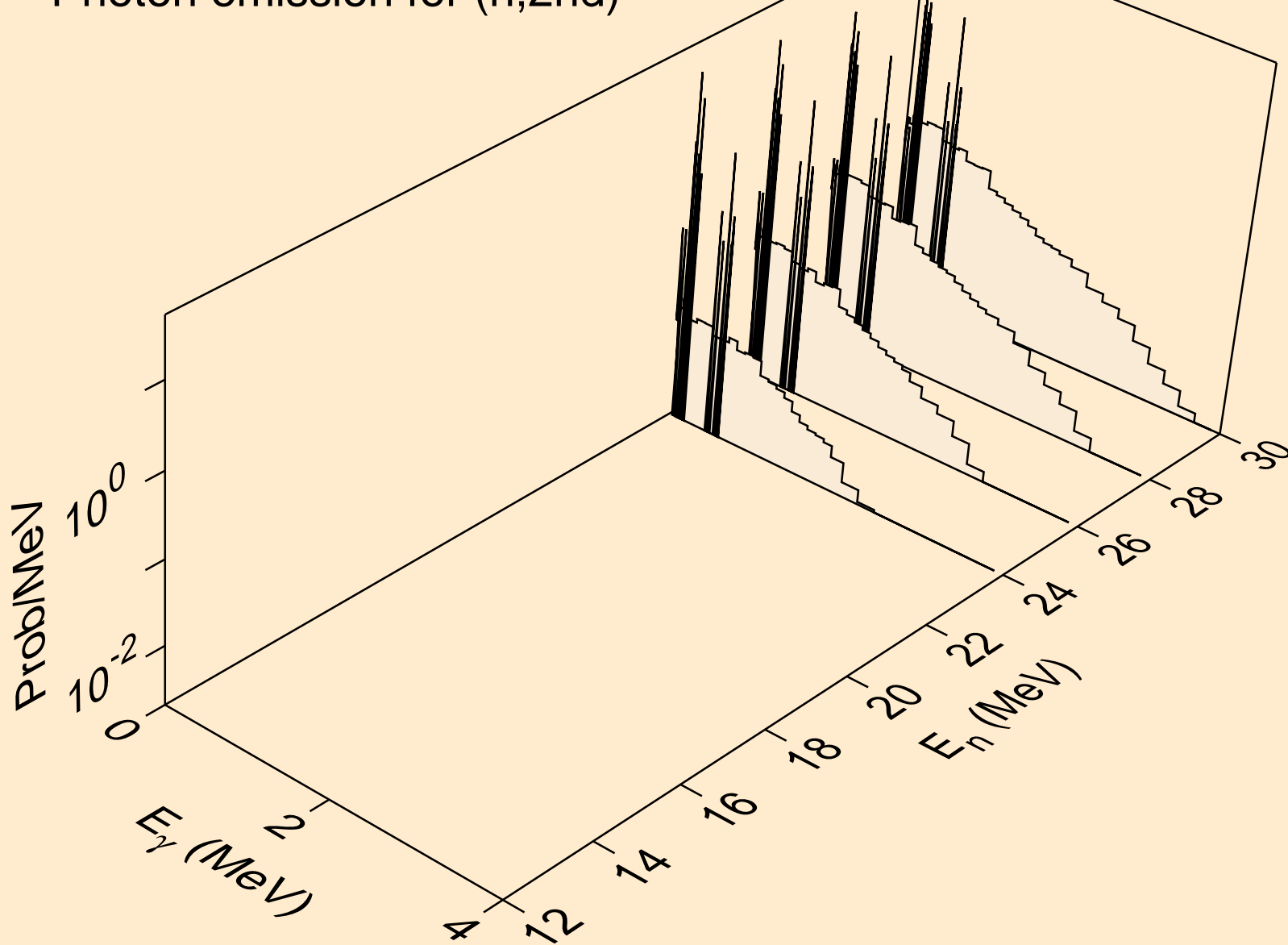
Delayed neutron spectra



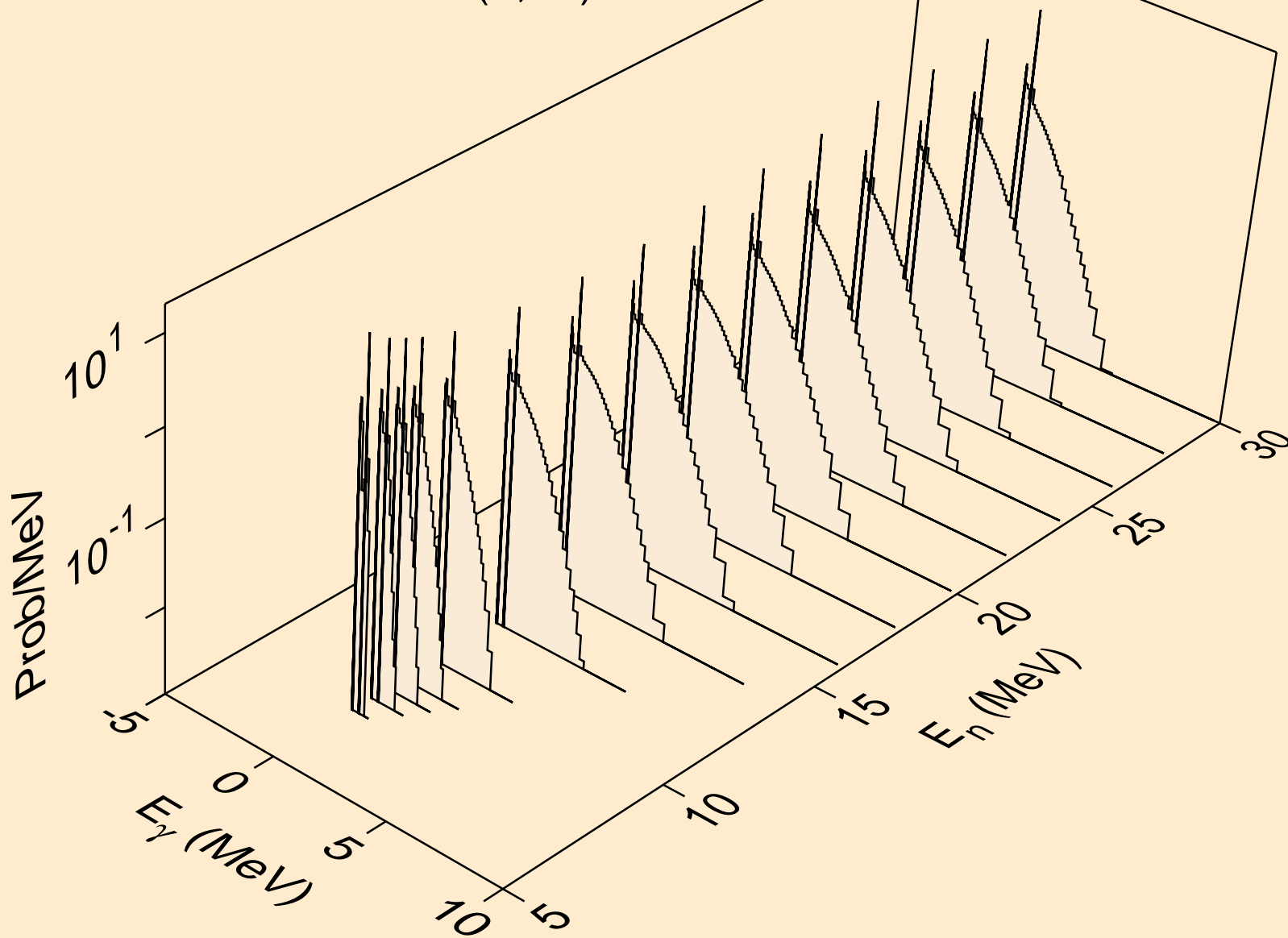
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



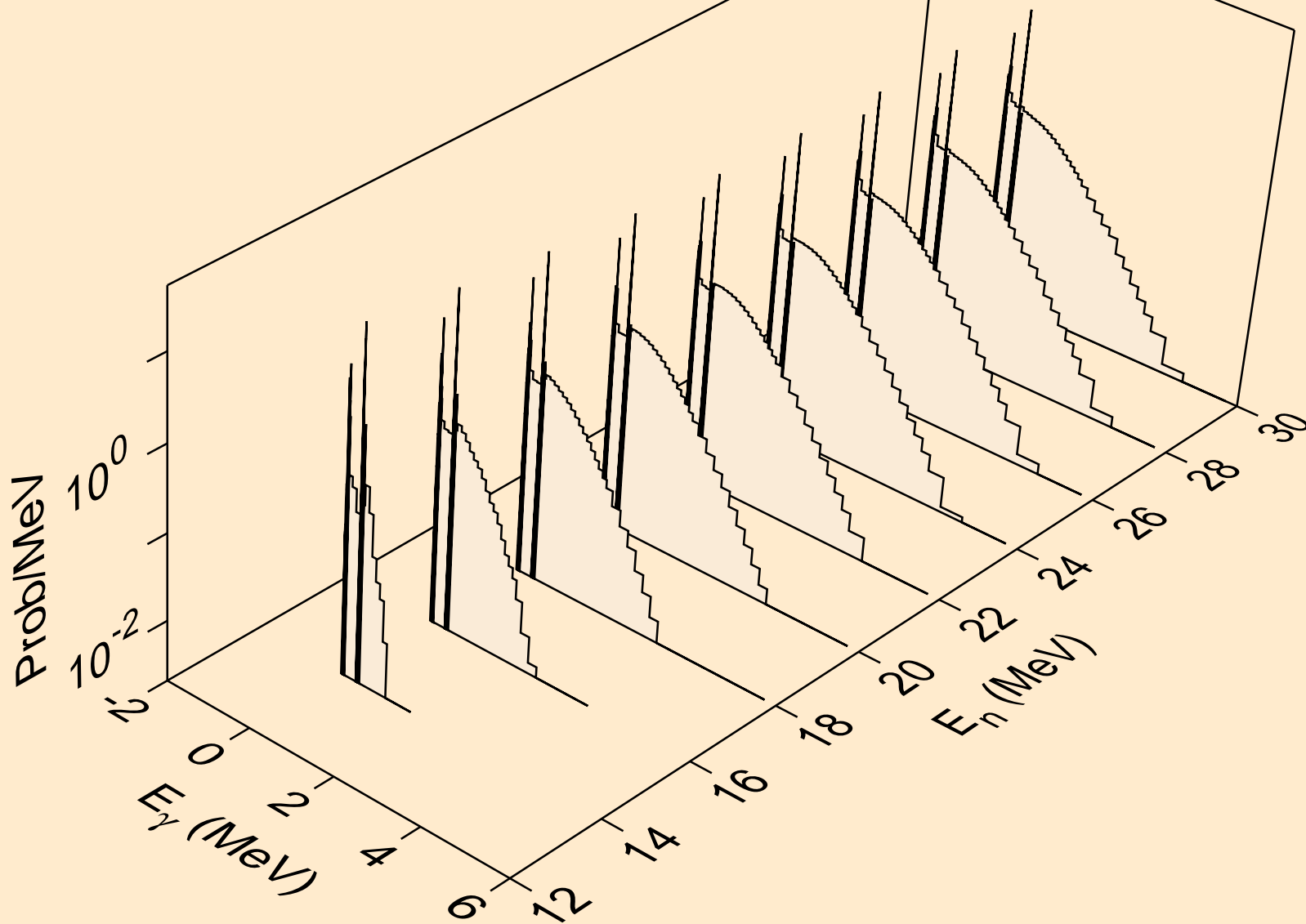
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



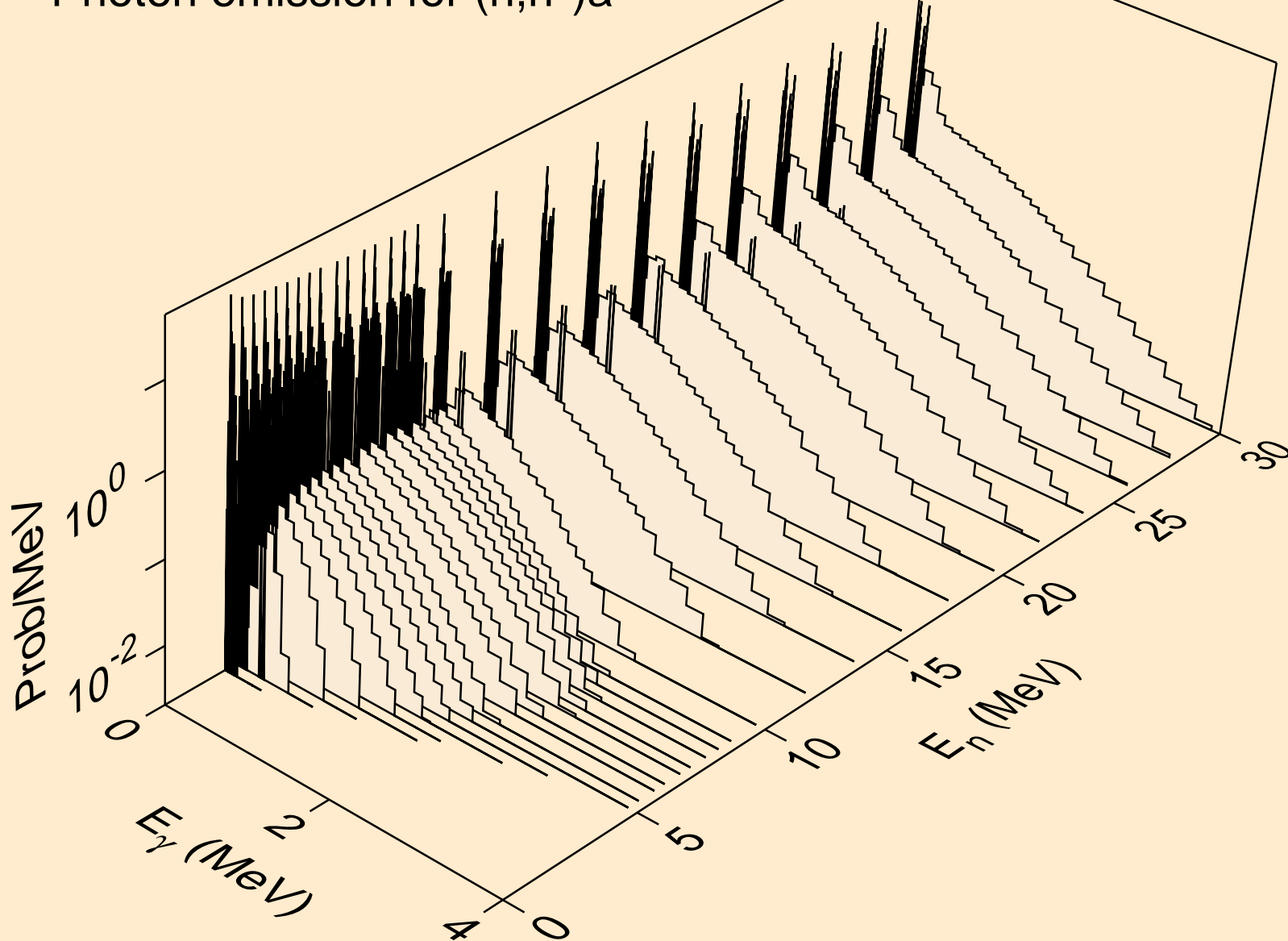
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



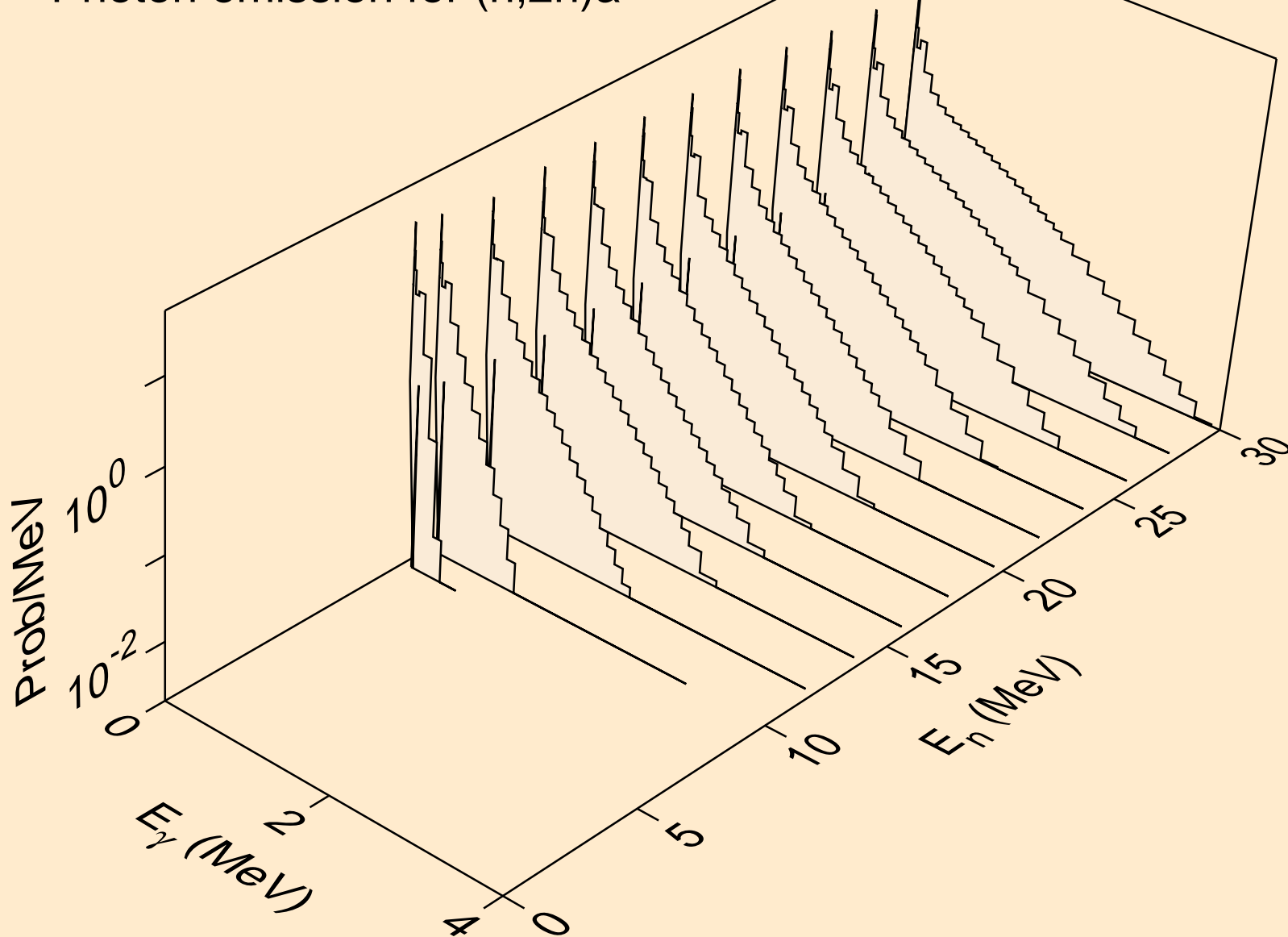
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



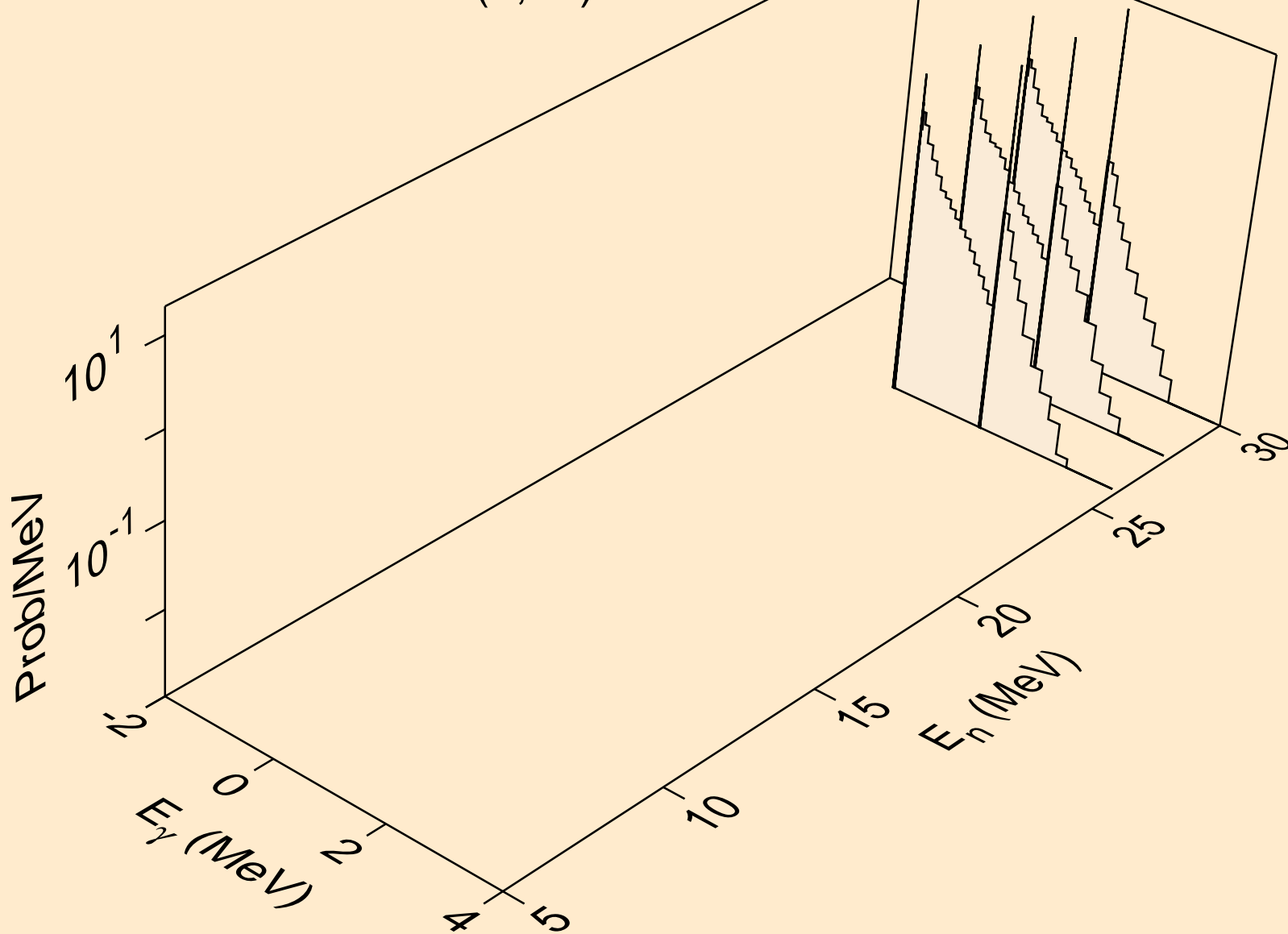
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



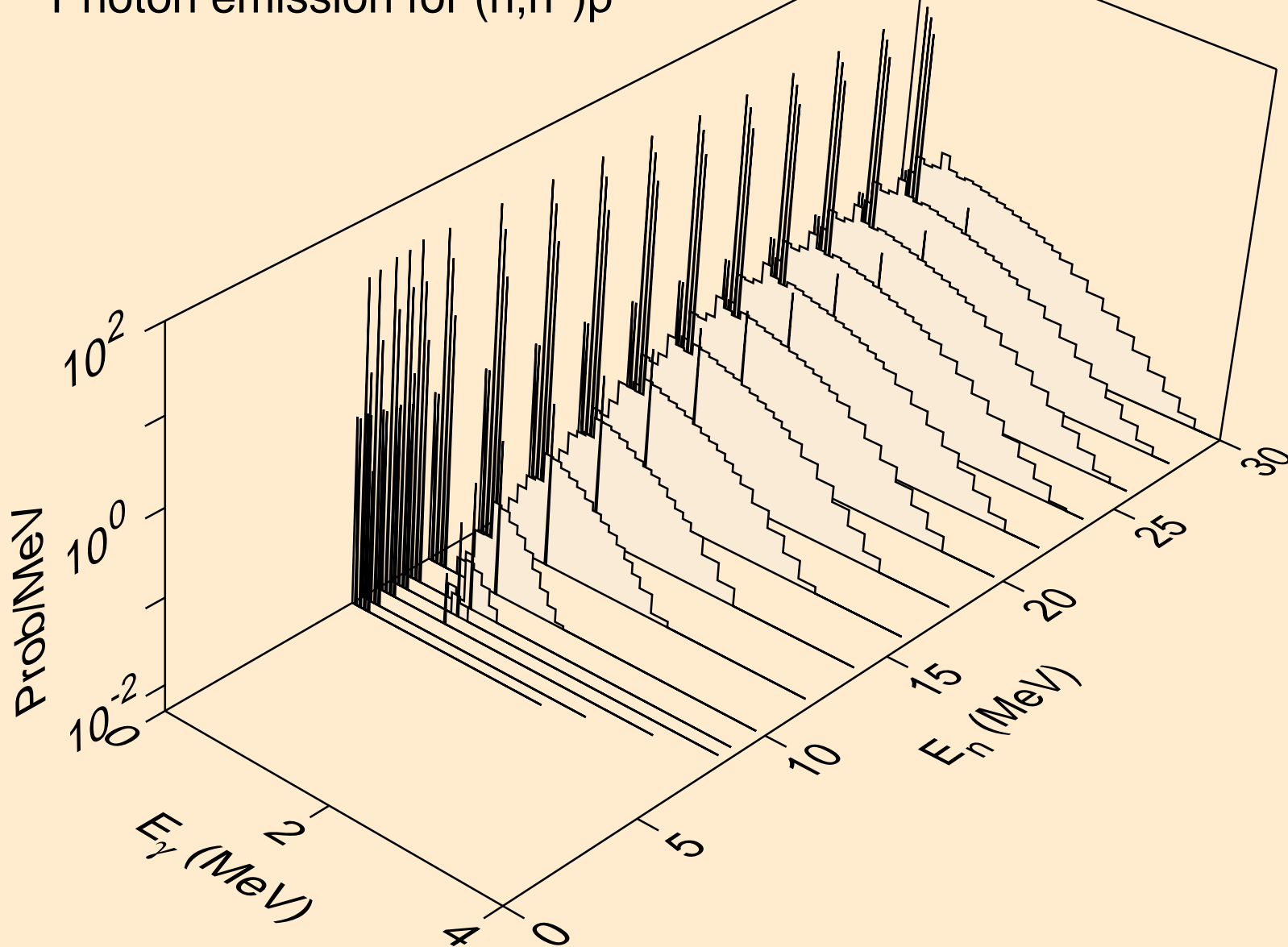
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



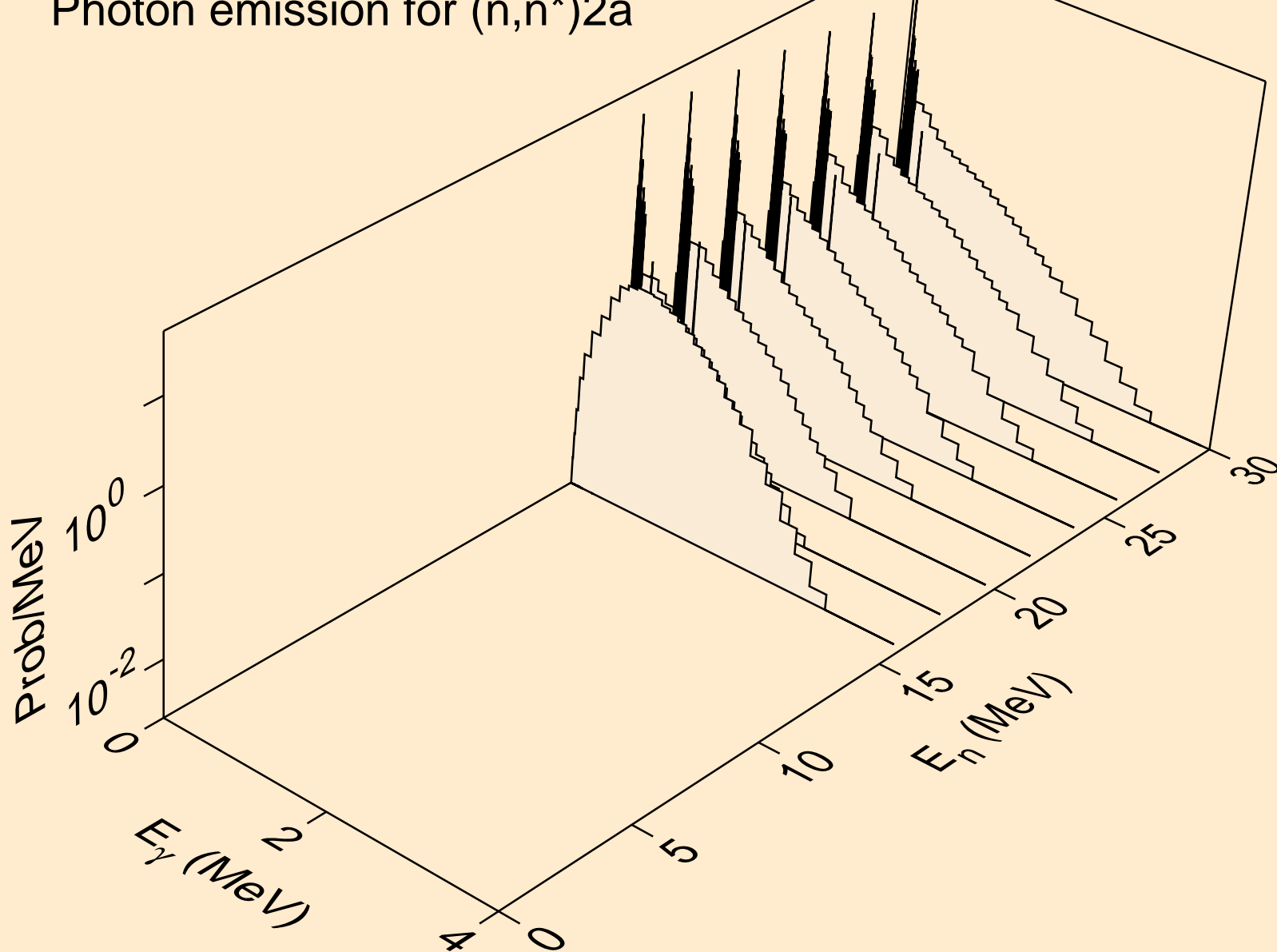
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



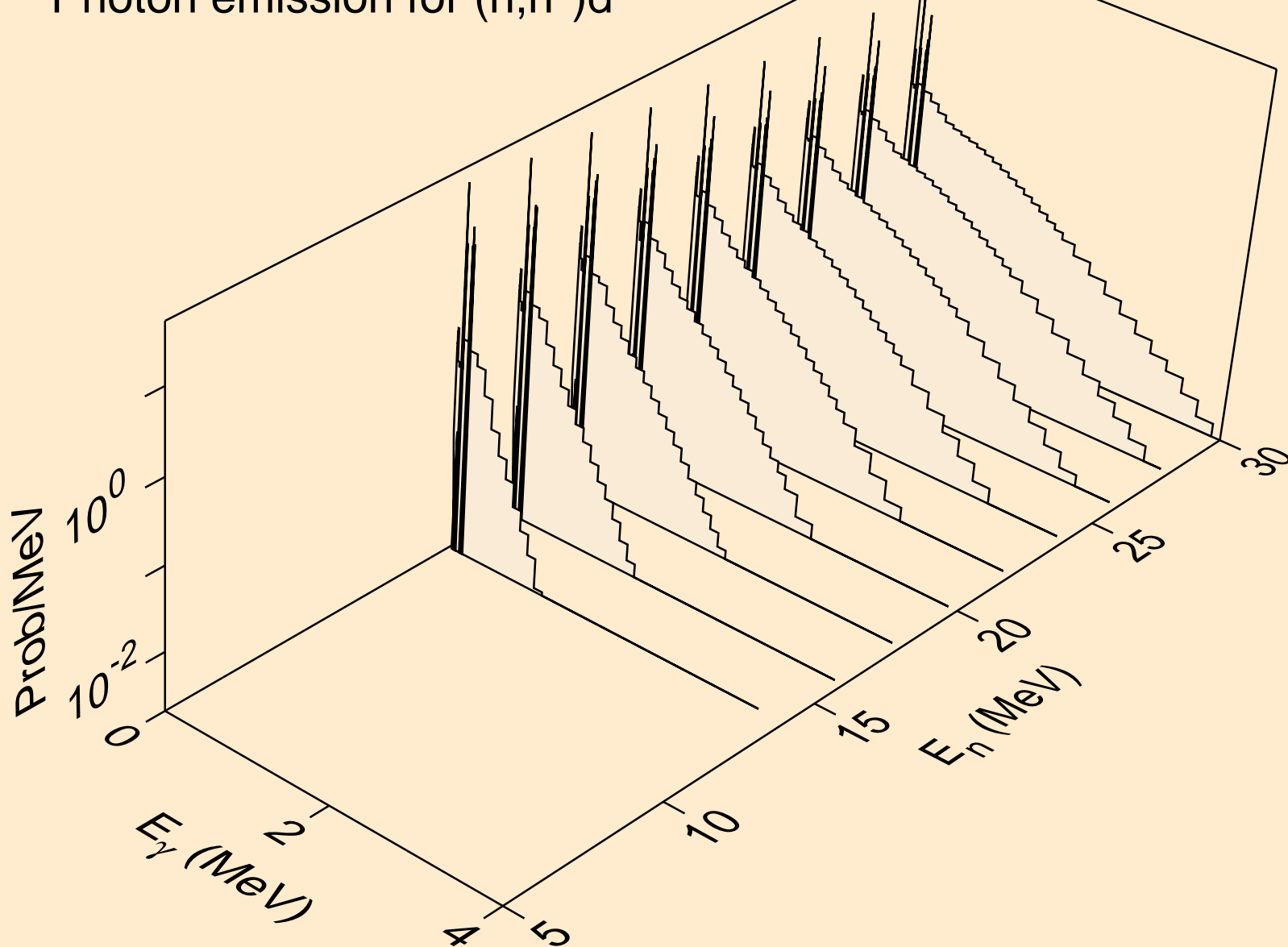
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



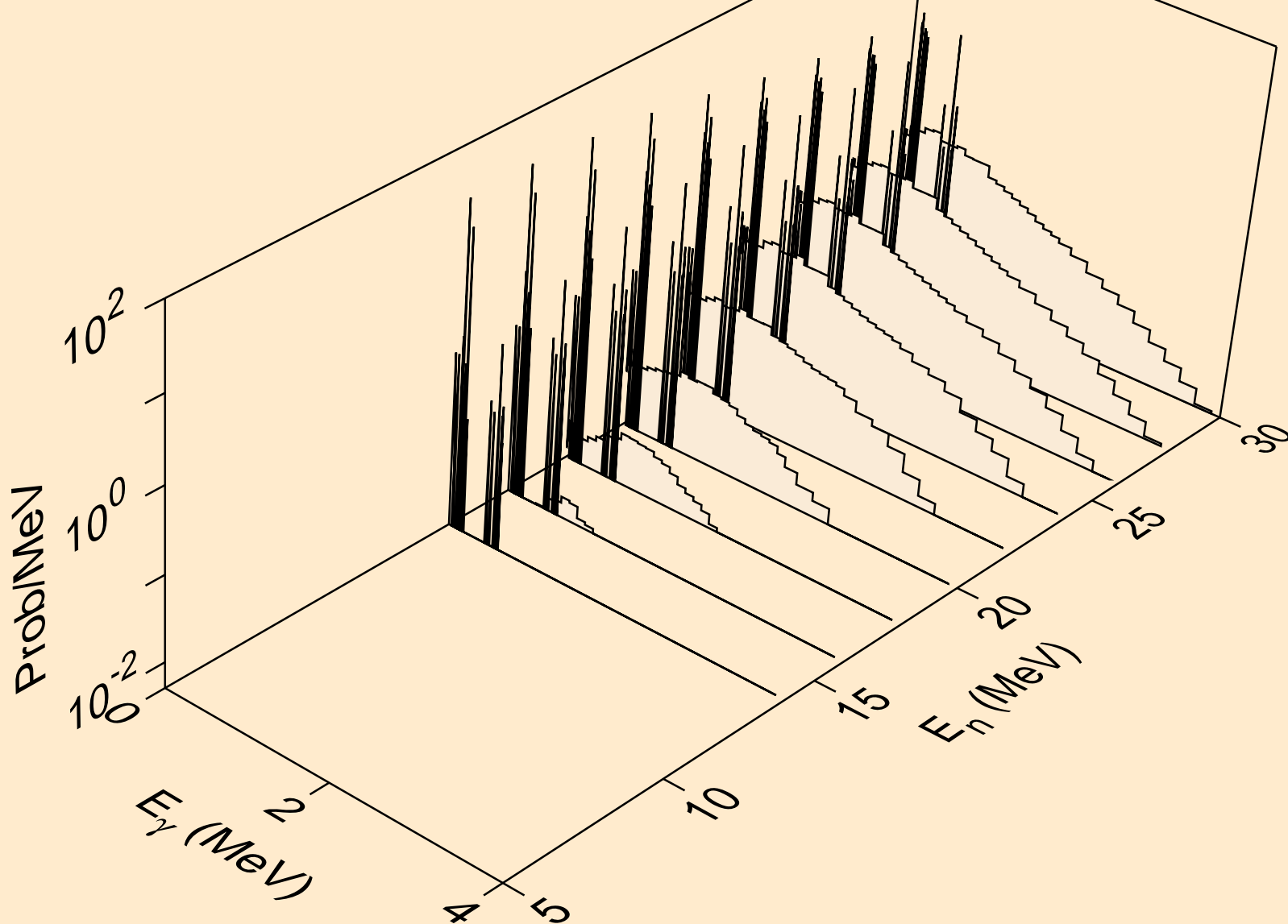
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



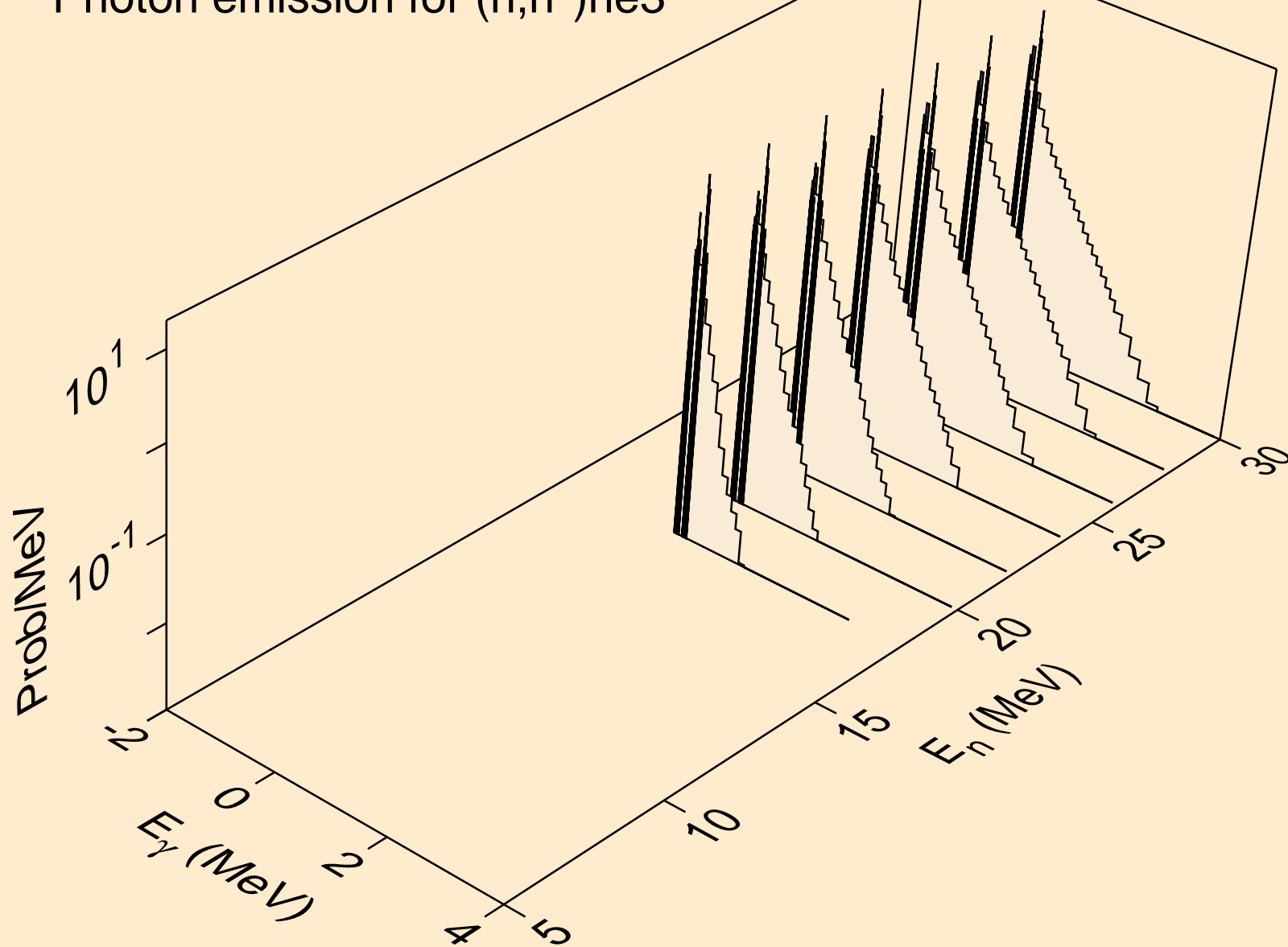
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



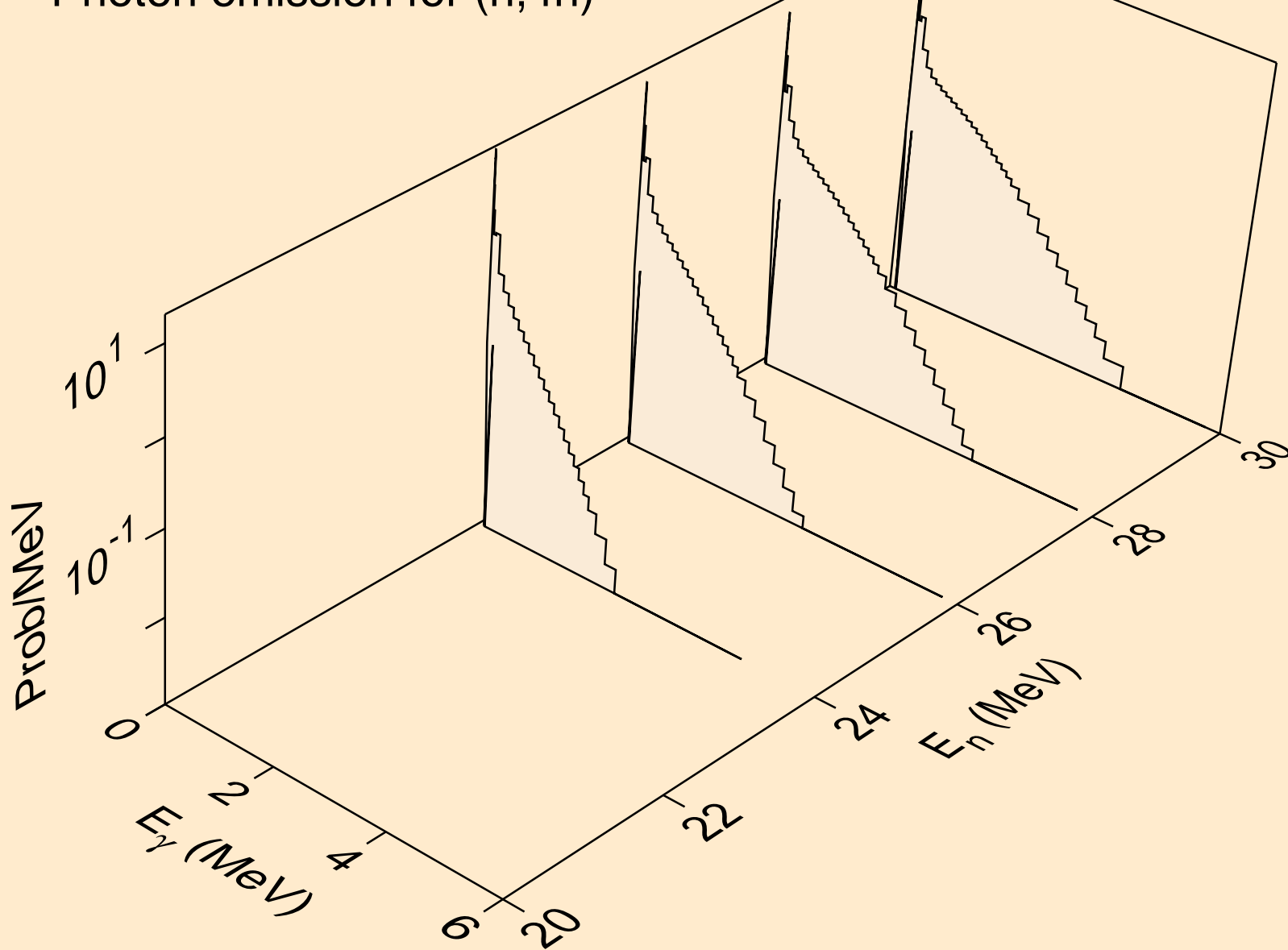
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



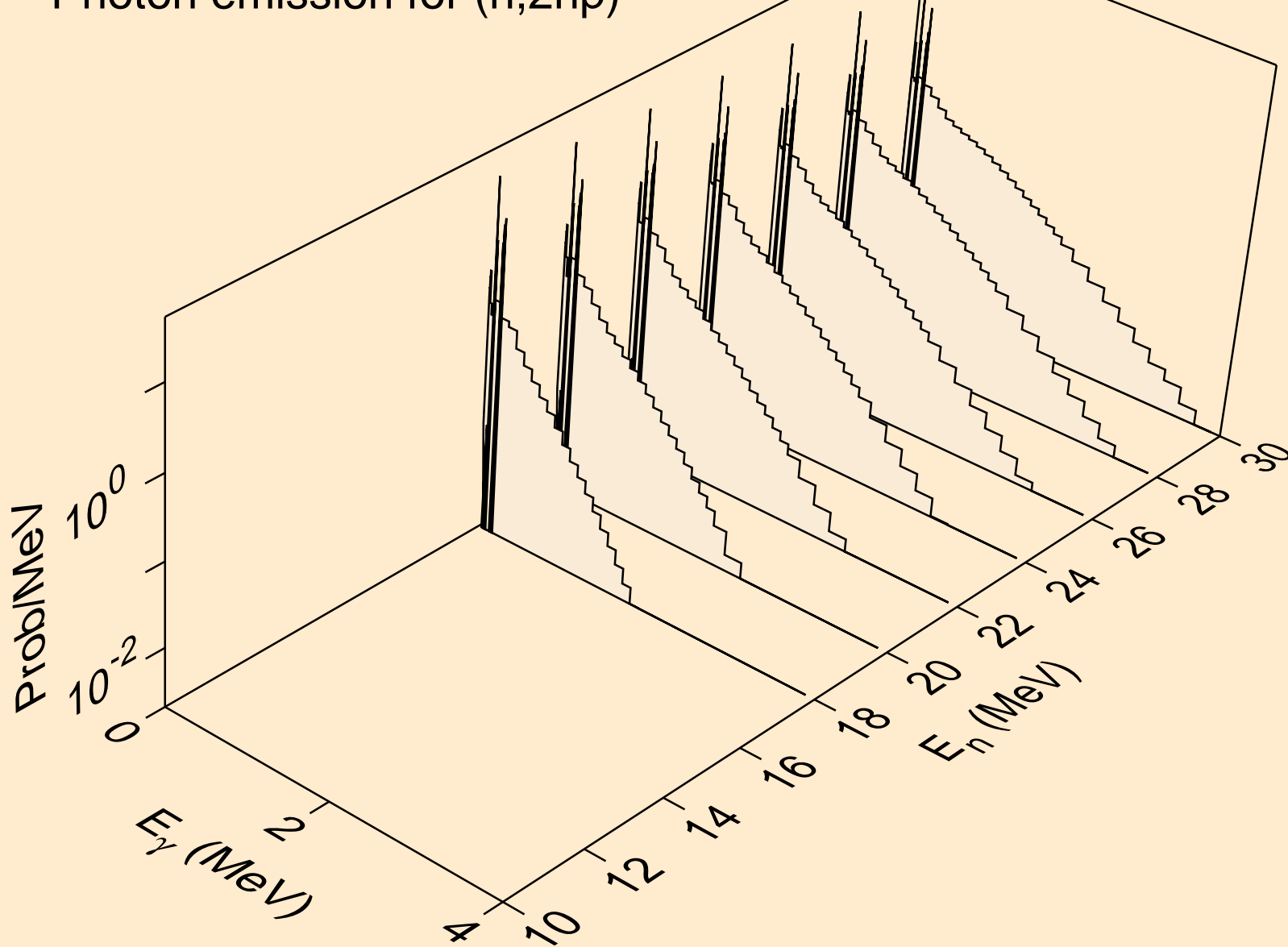
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



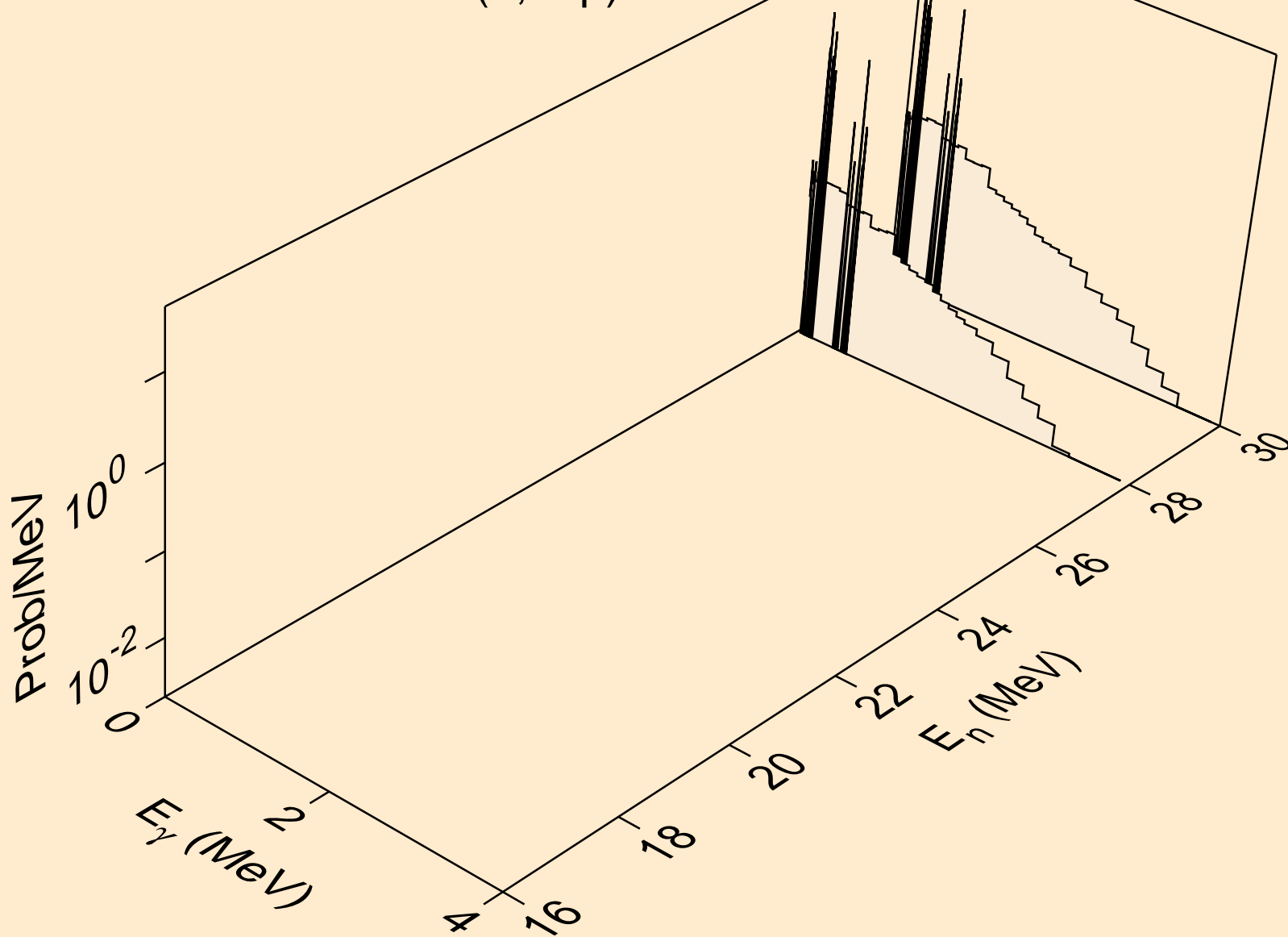
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



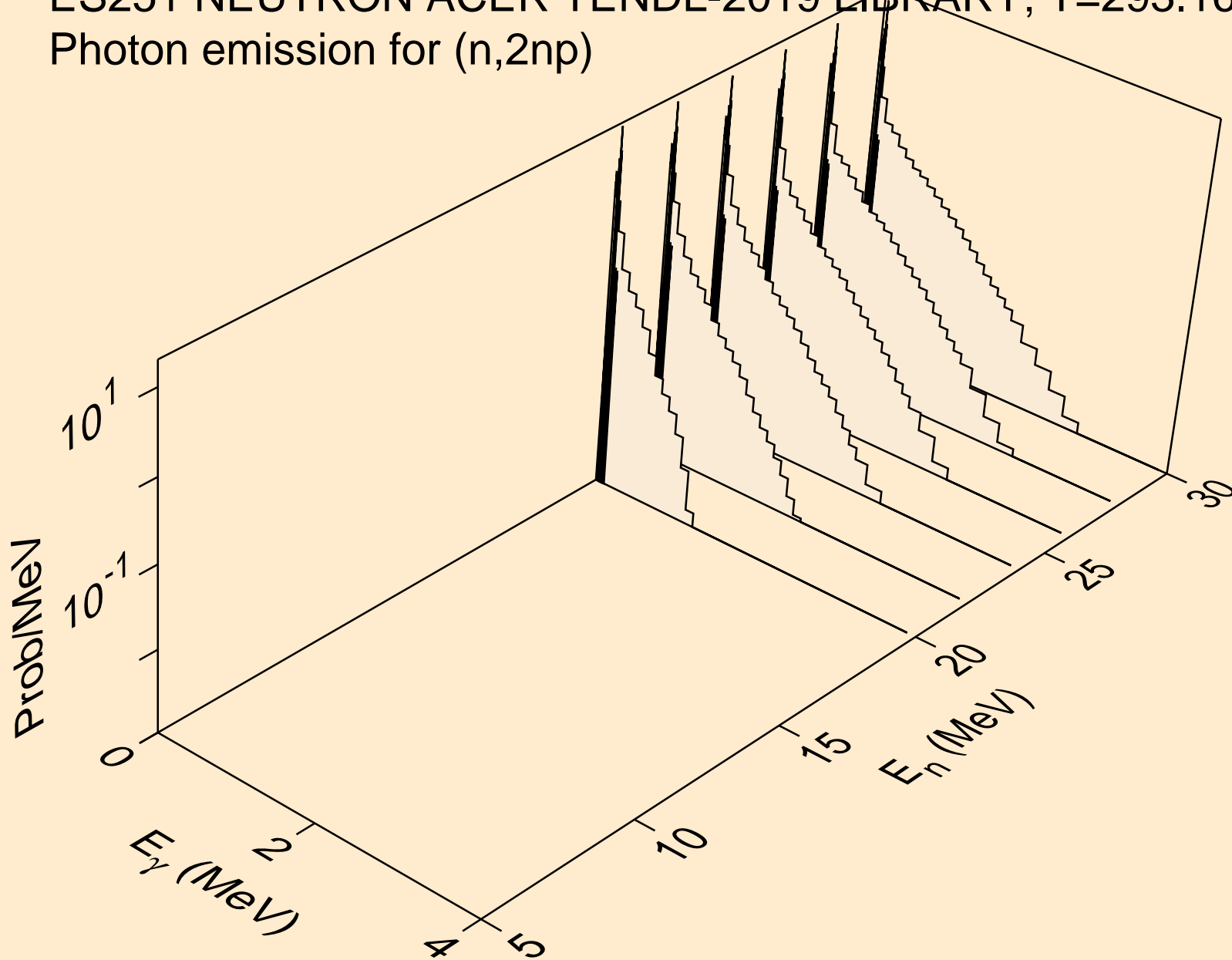
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



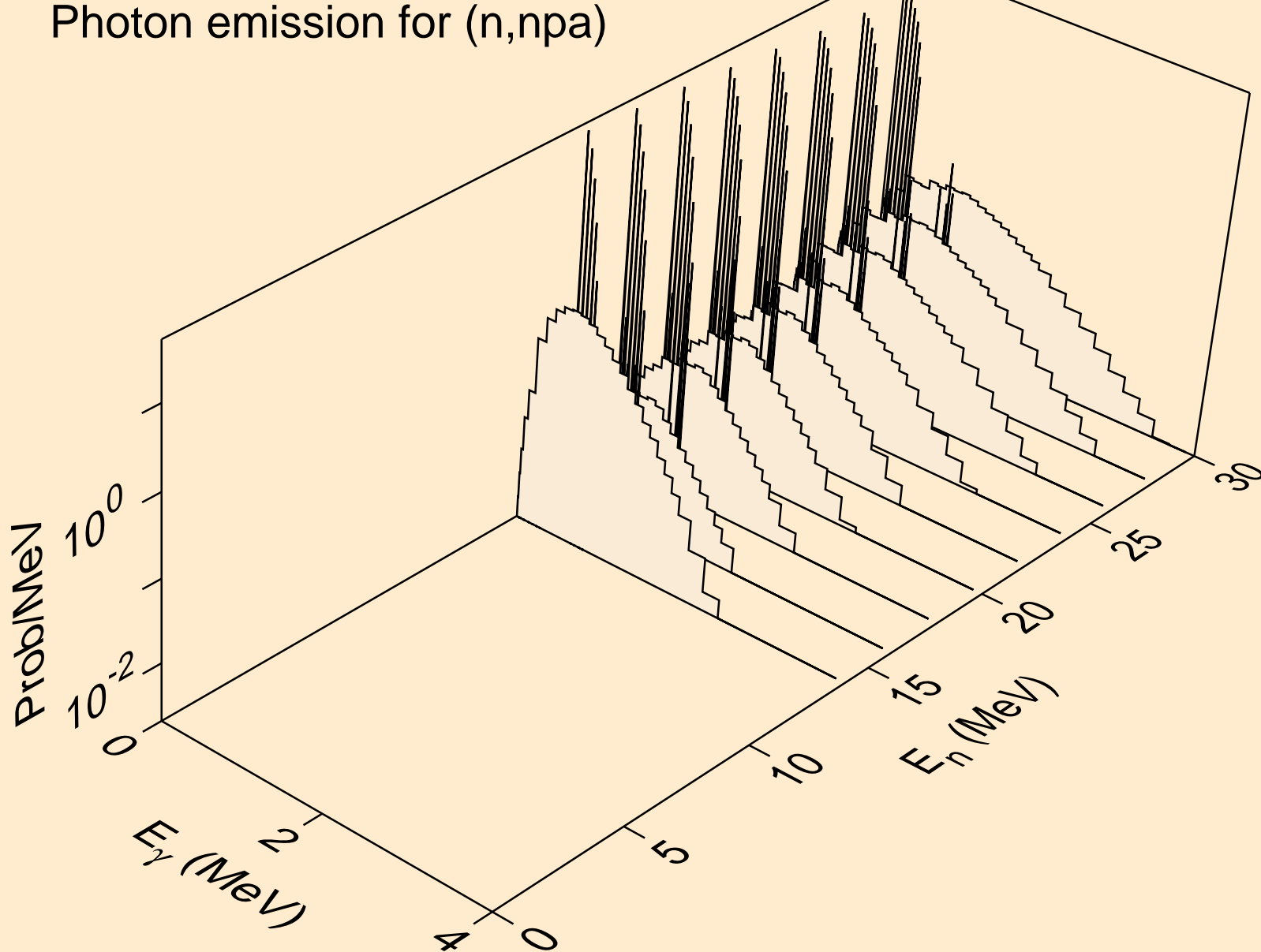
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



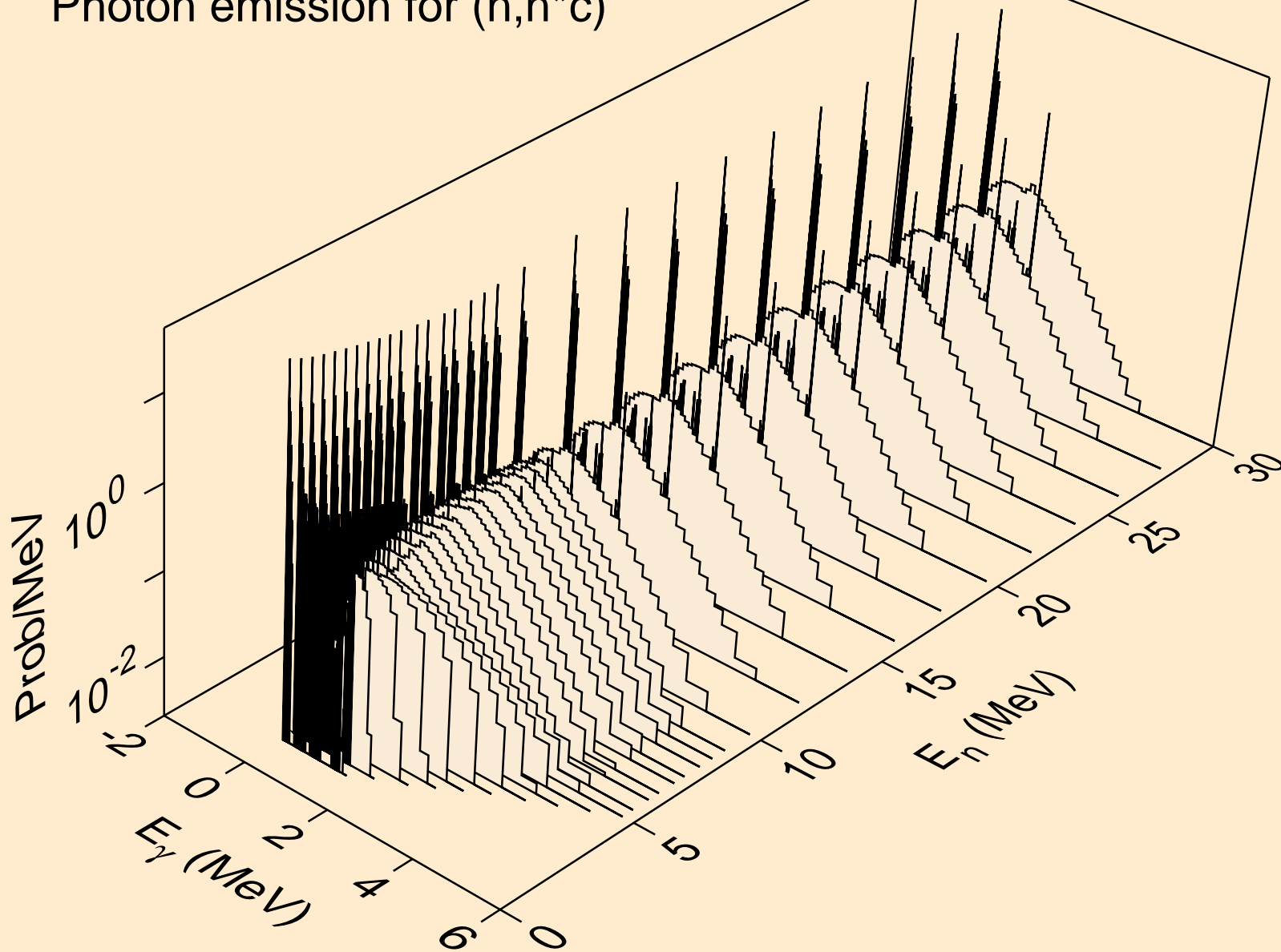
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



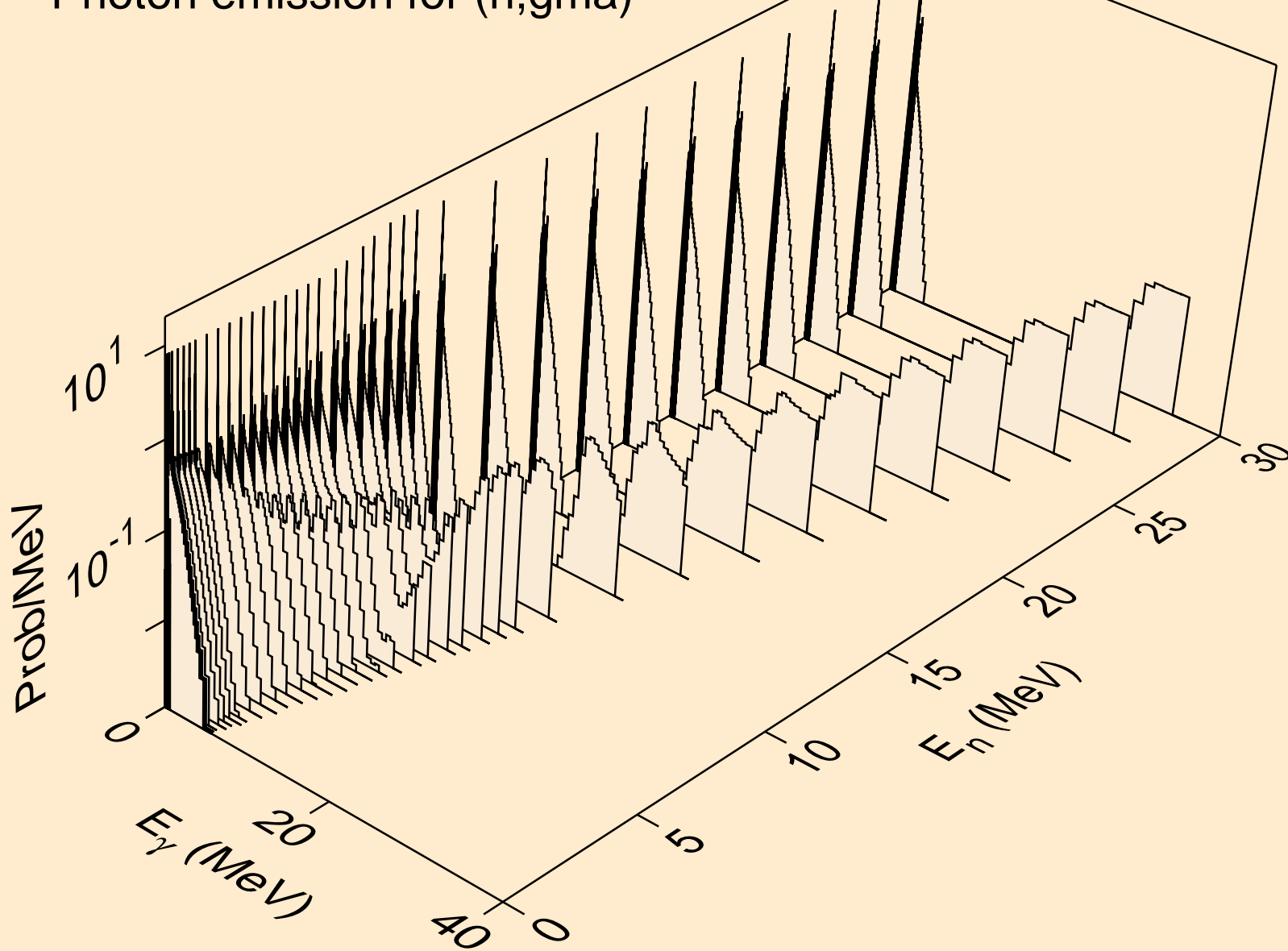
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



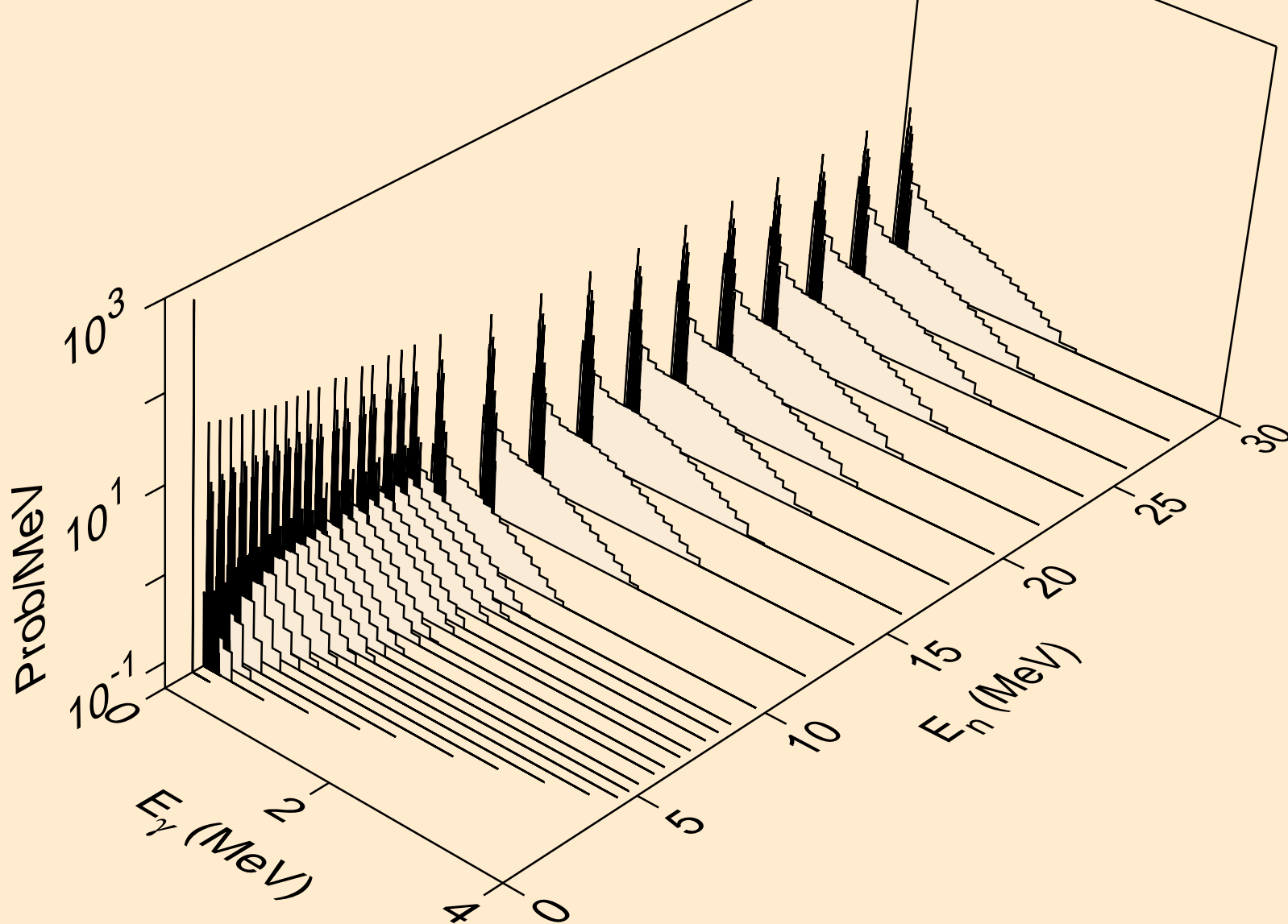
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



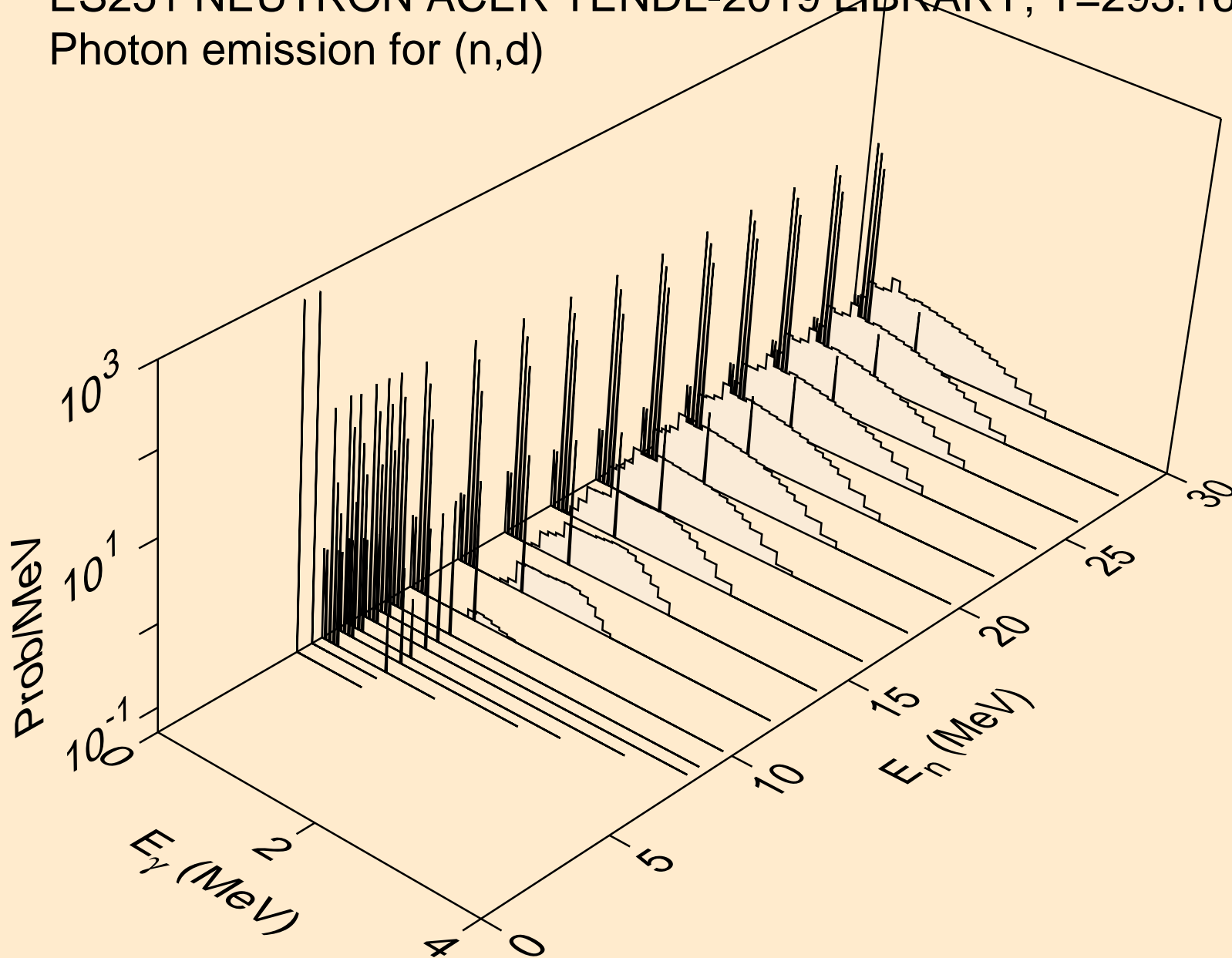
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



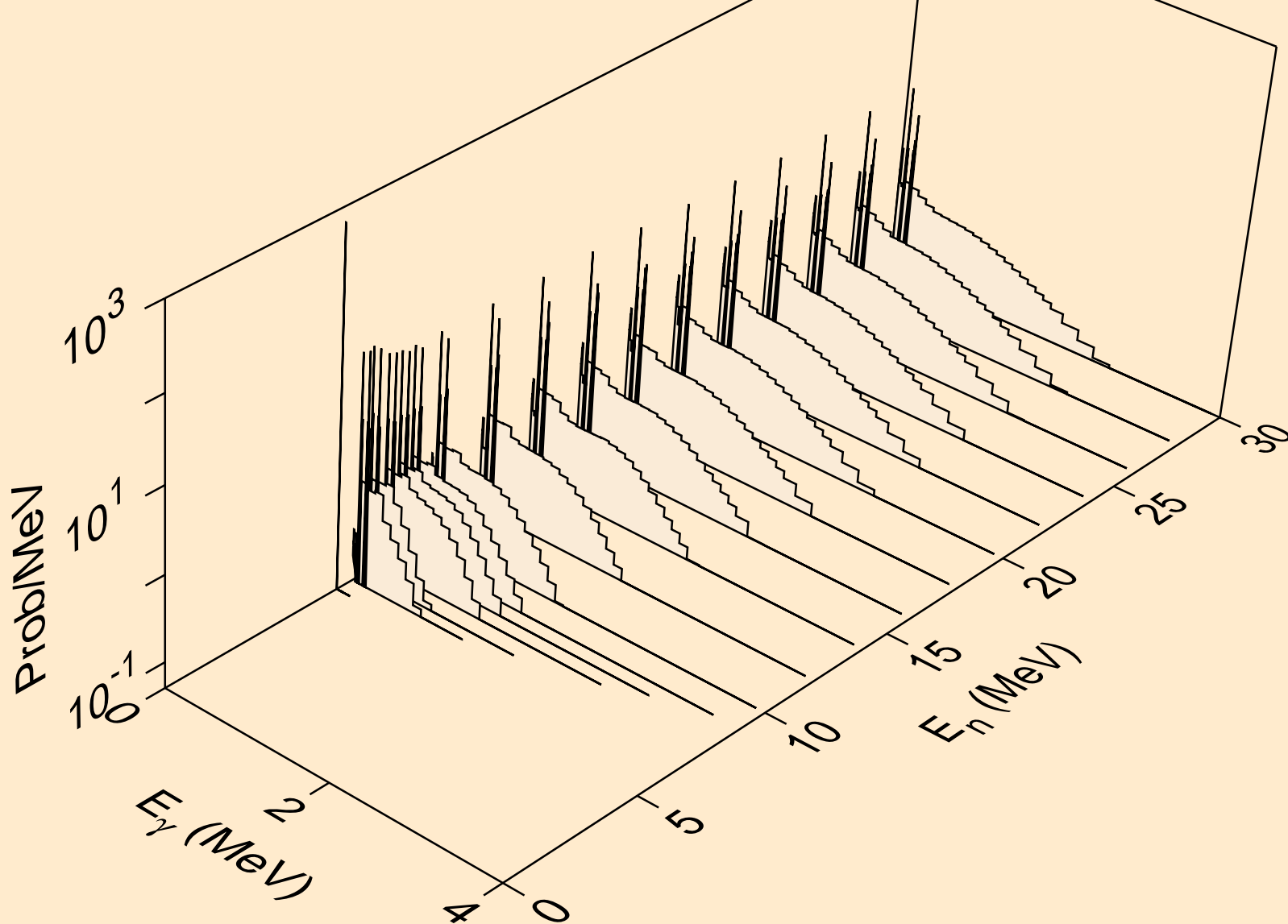
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



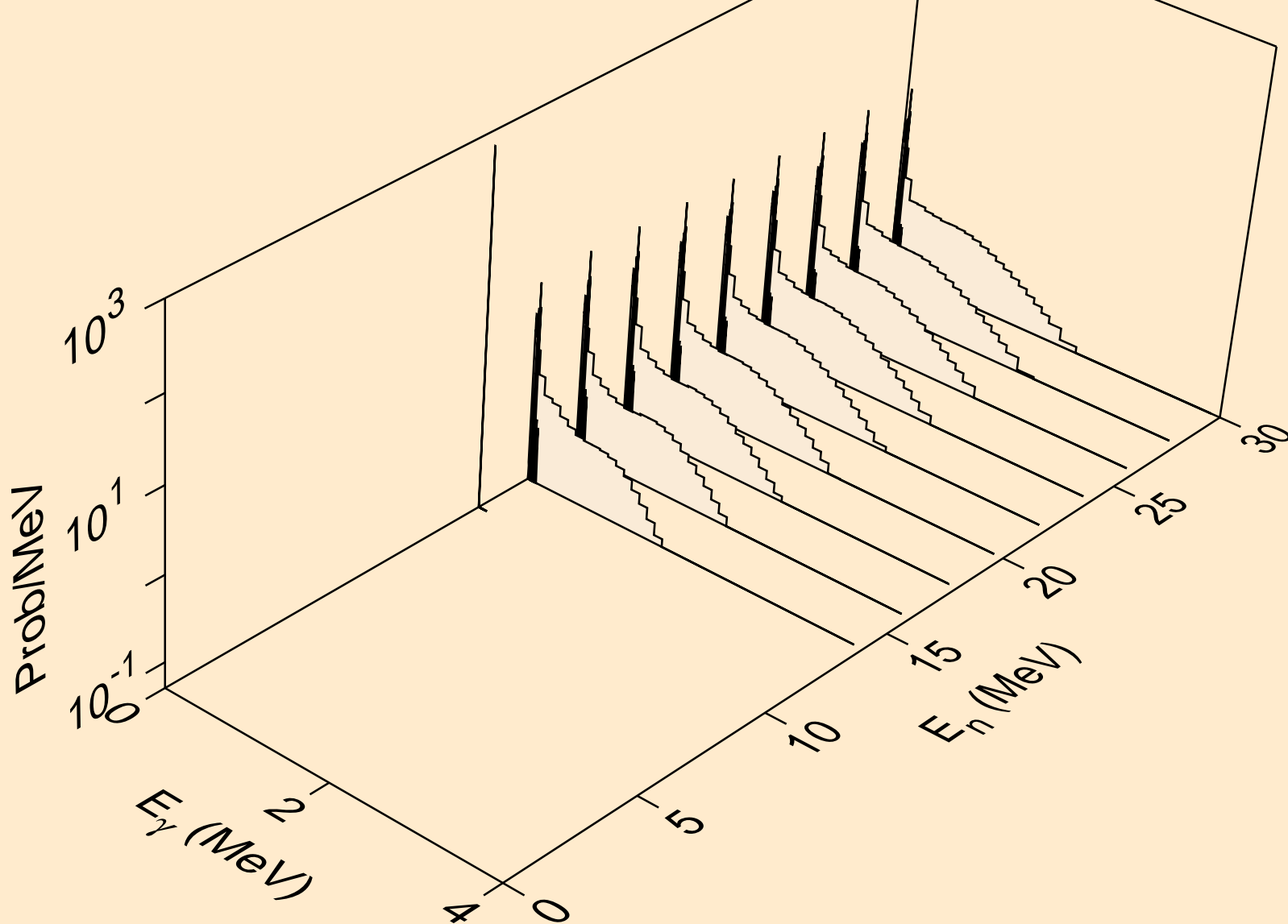
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



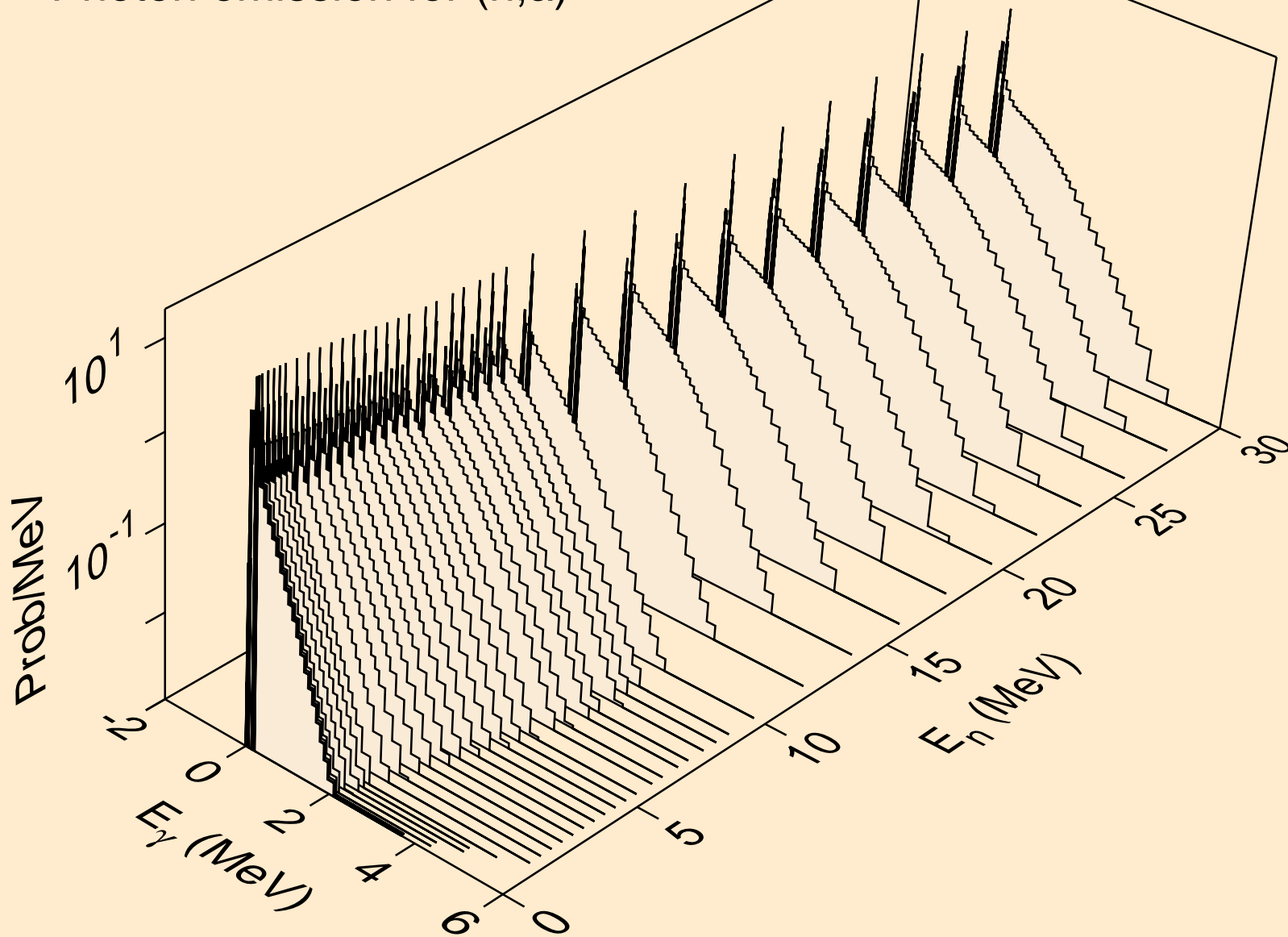
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



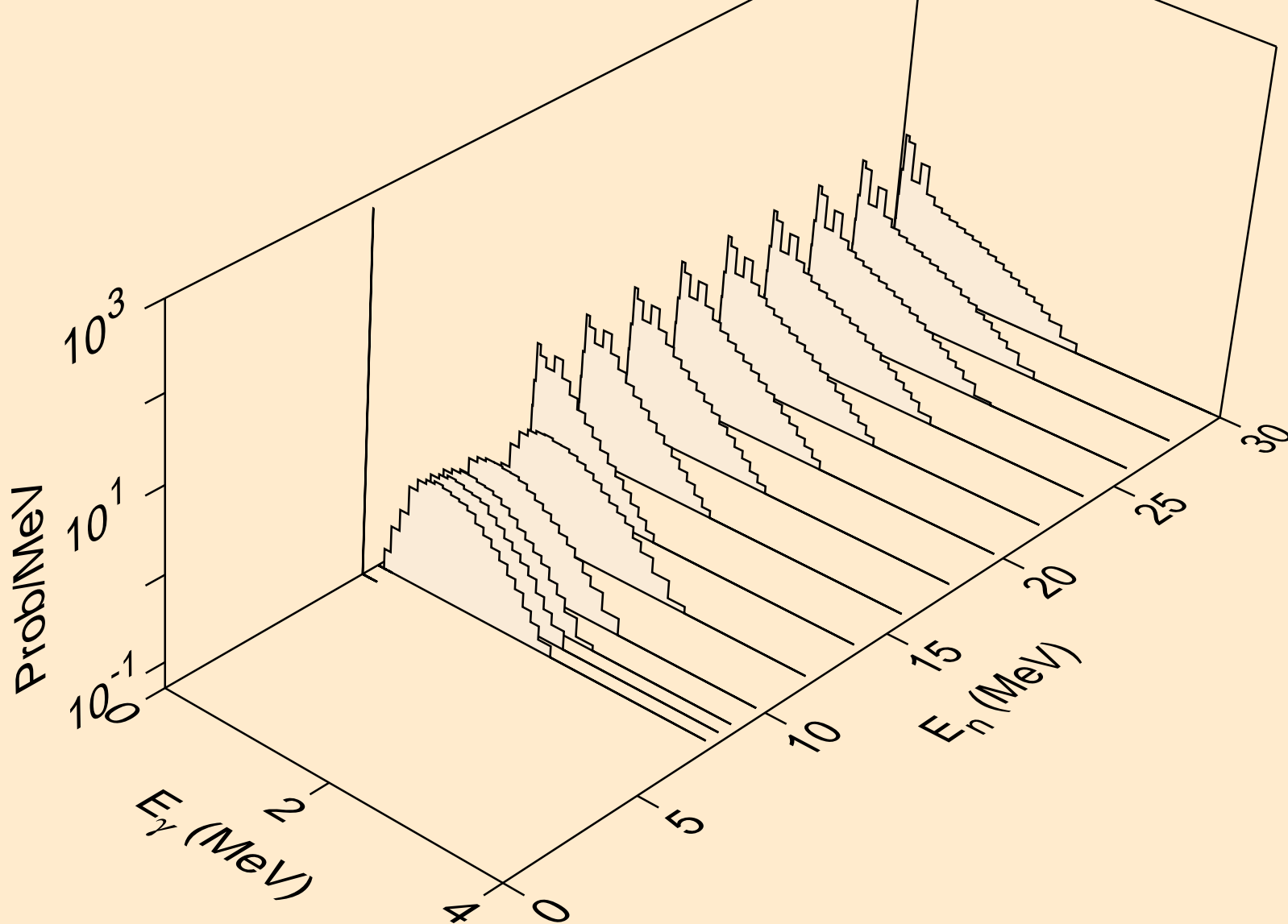
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



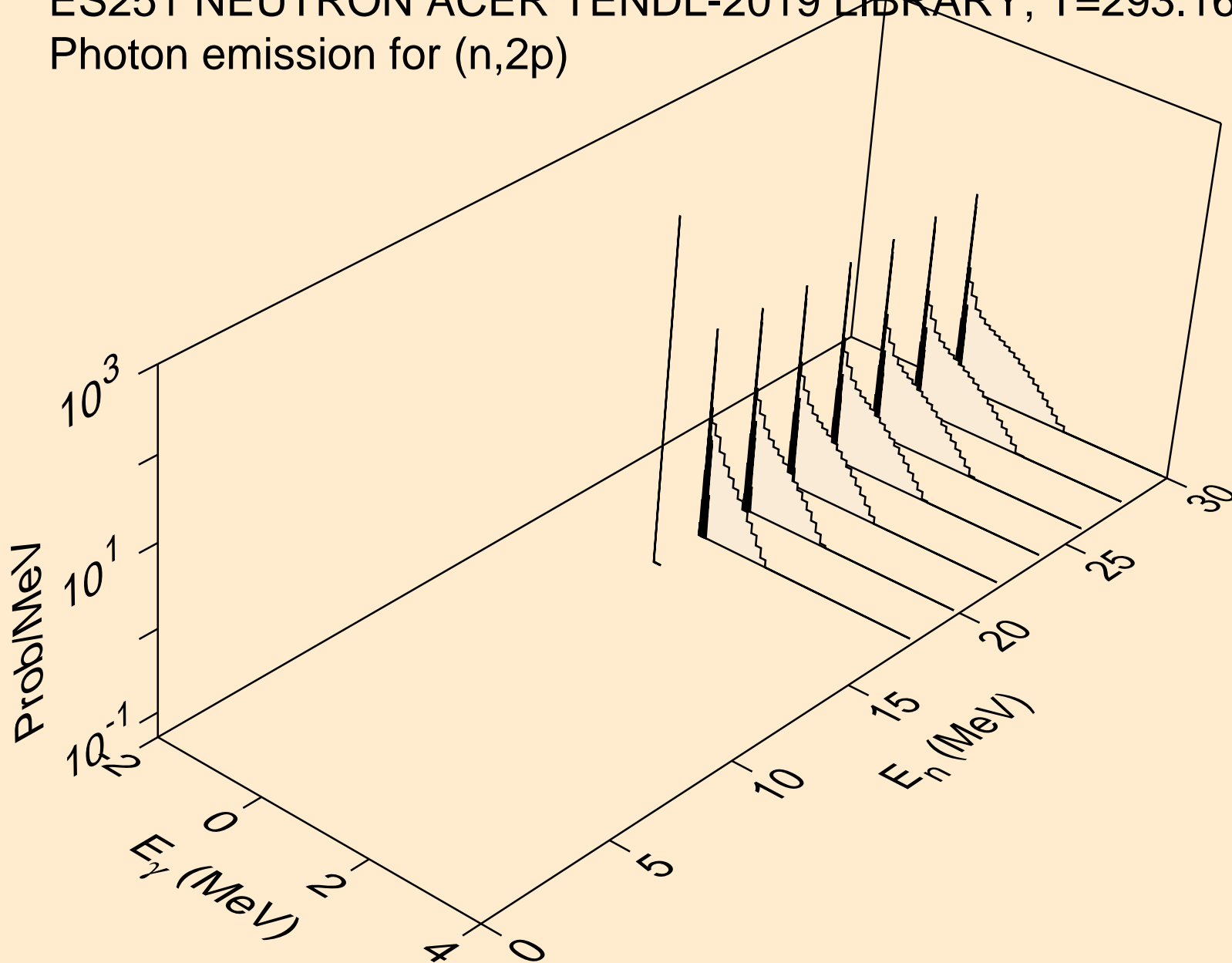
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



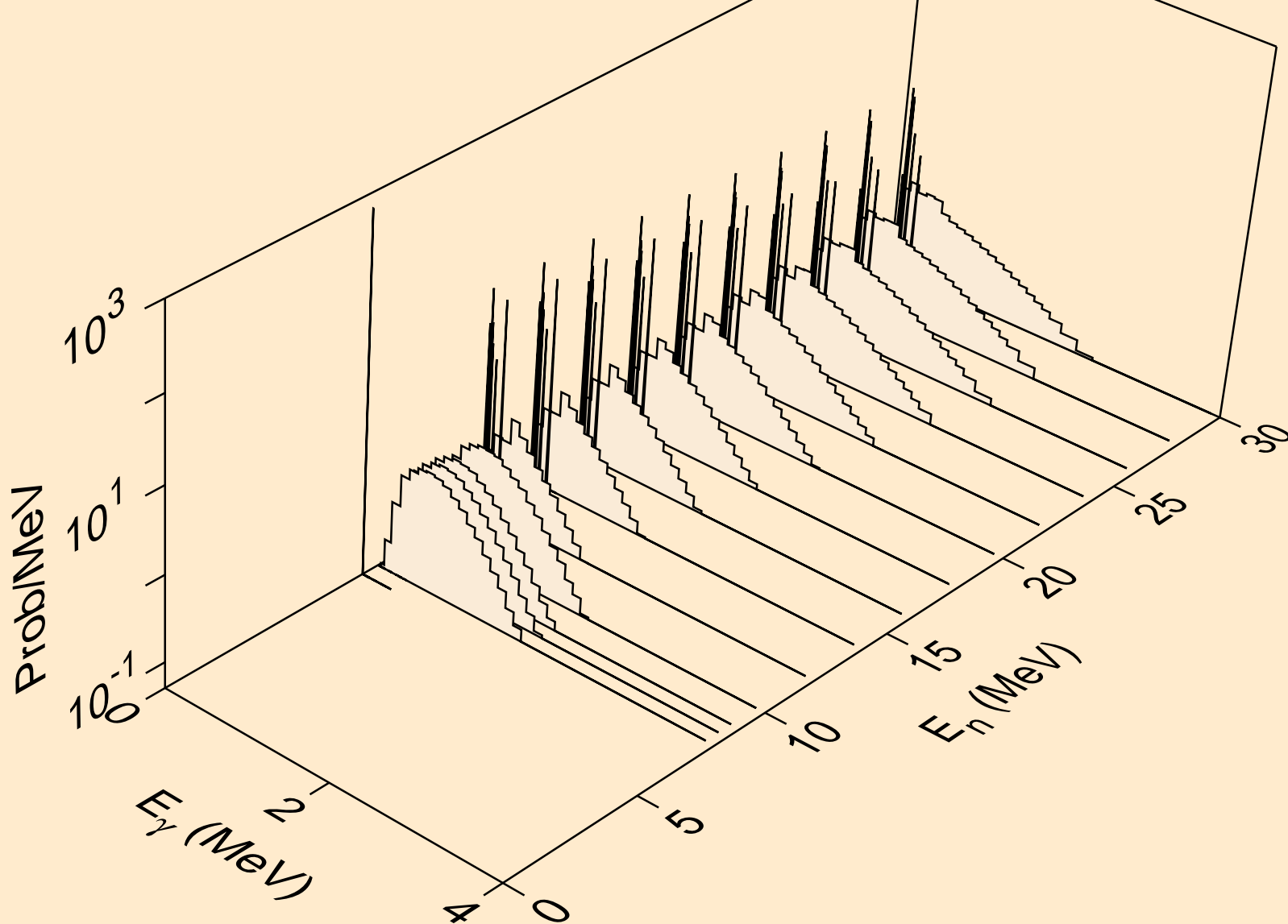
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



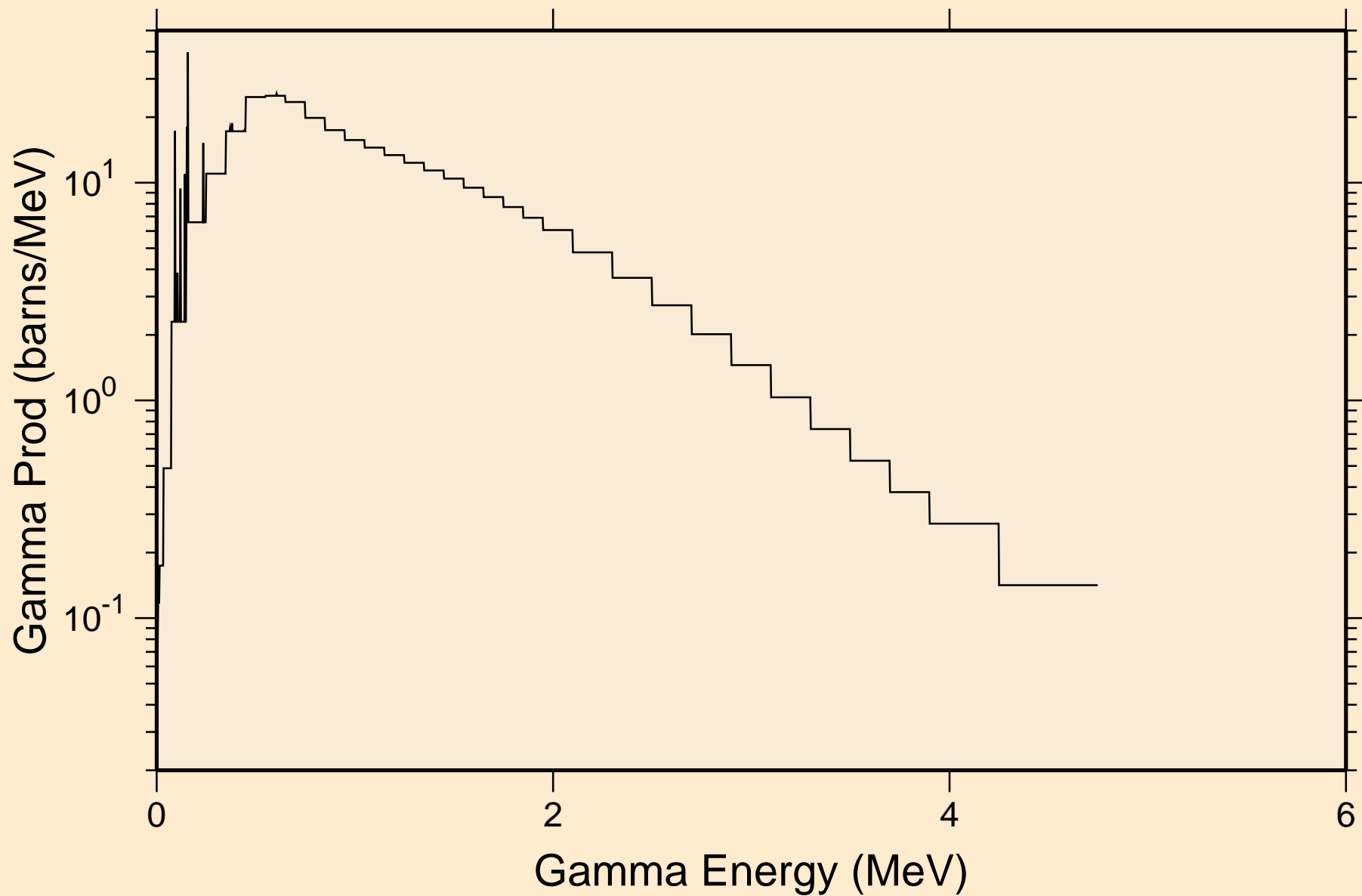
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



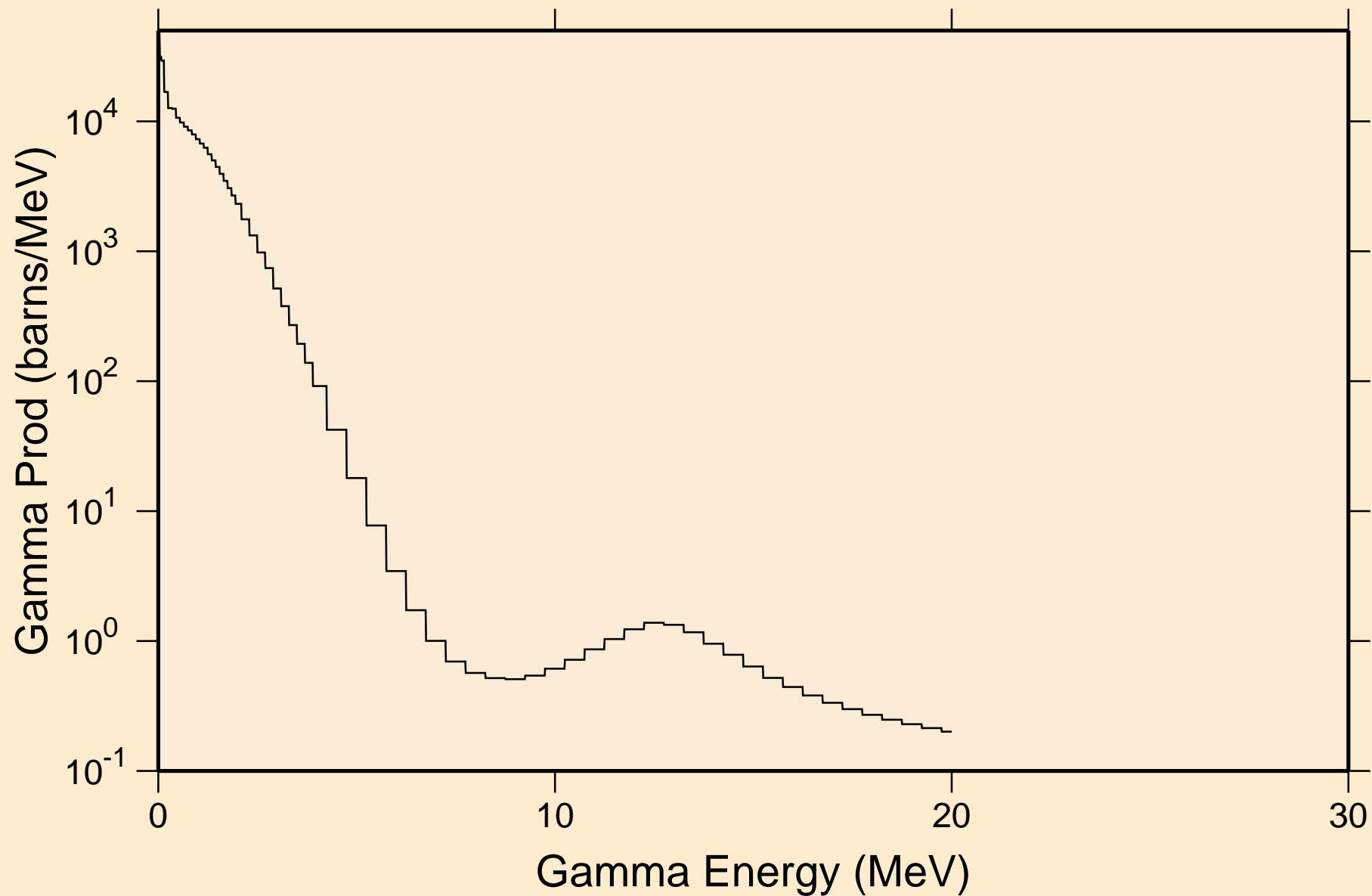
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

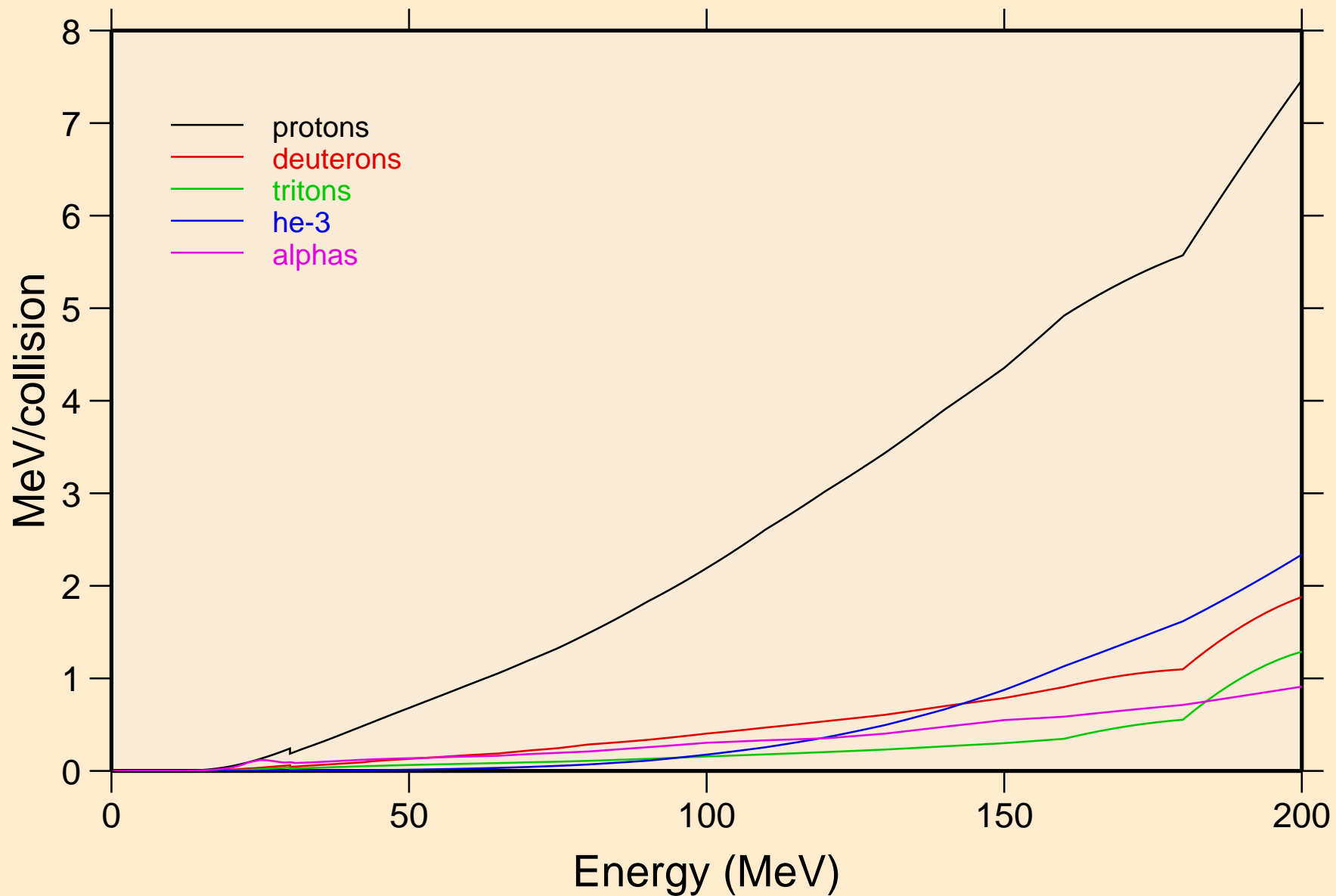


ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

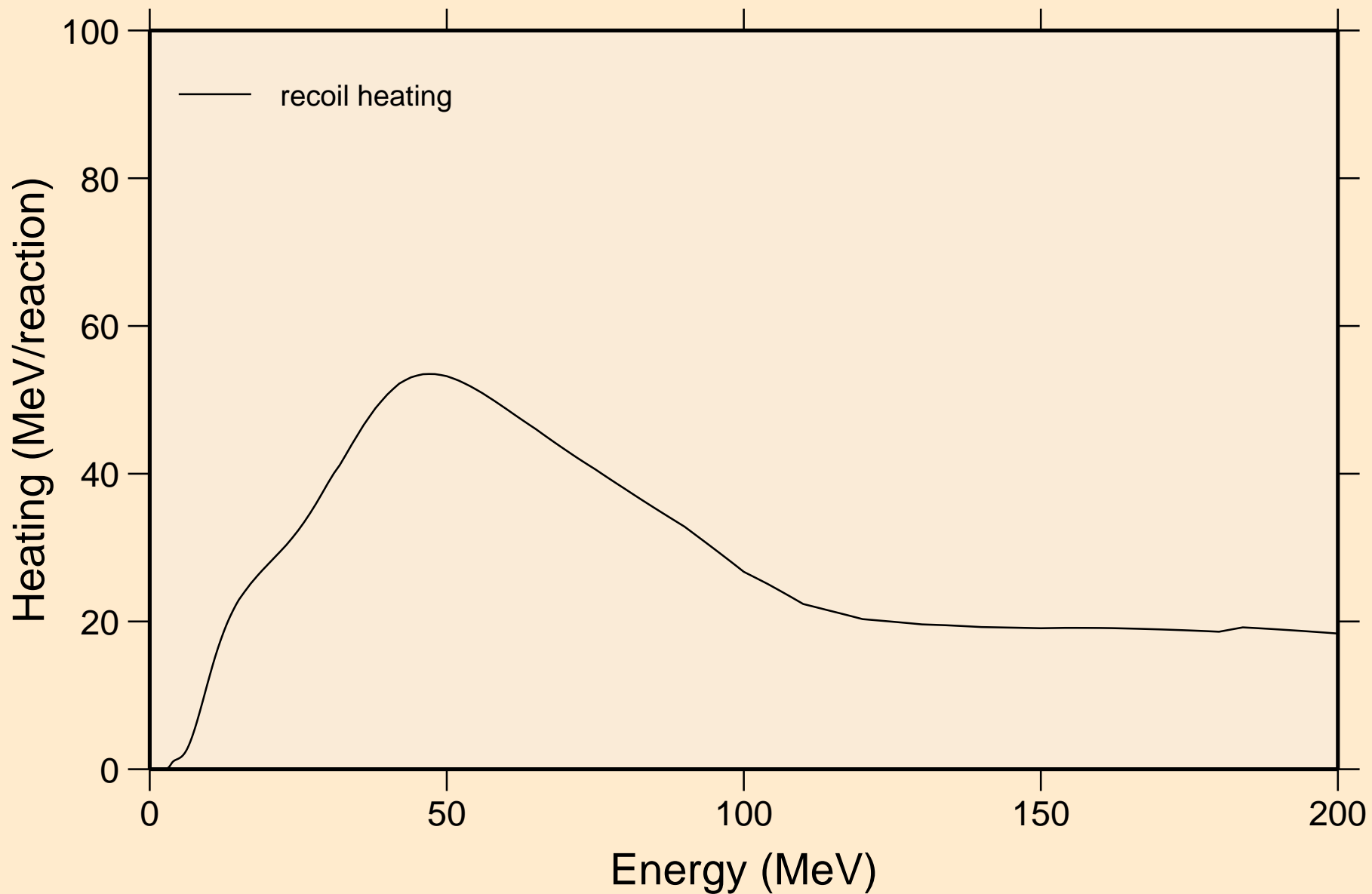


ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Particle heating contributions

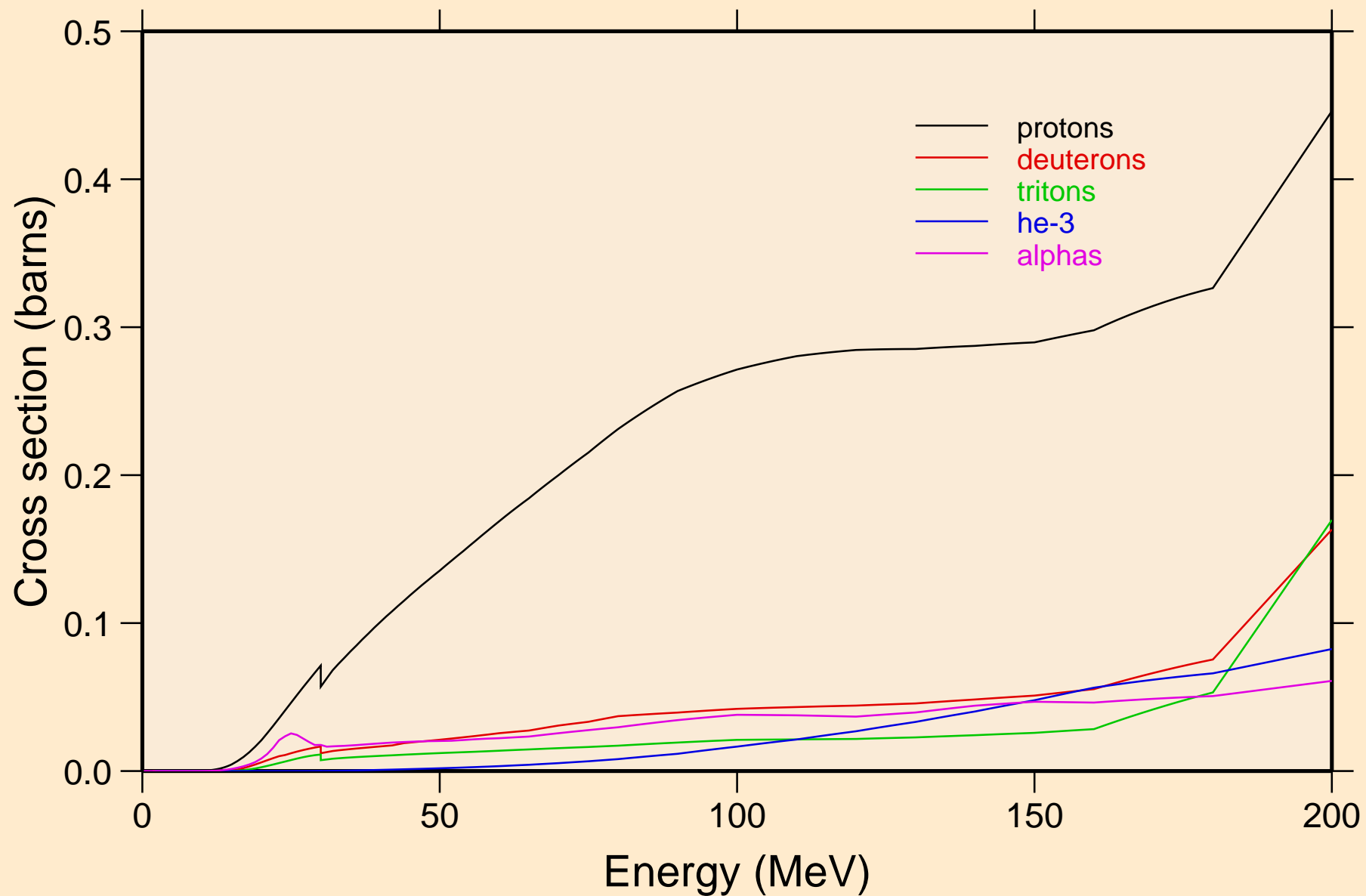


ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

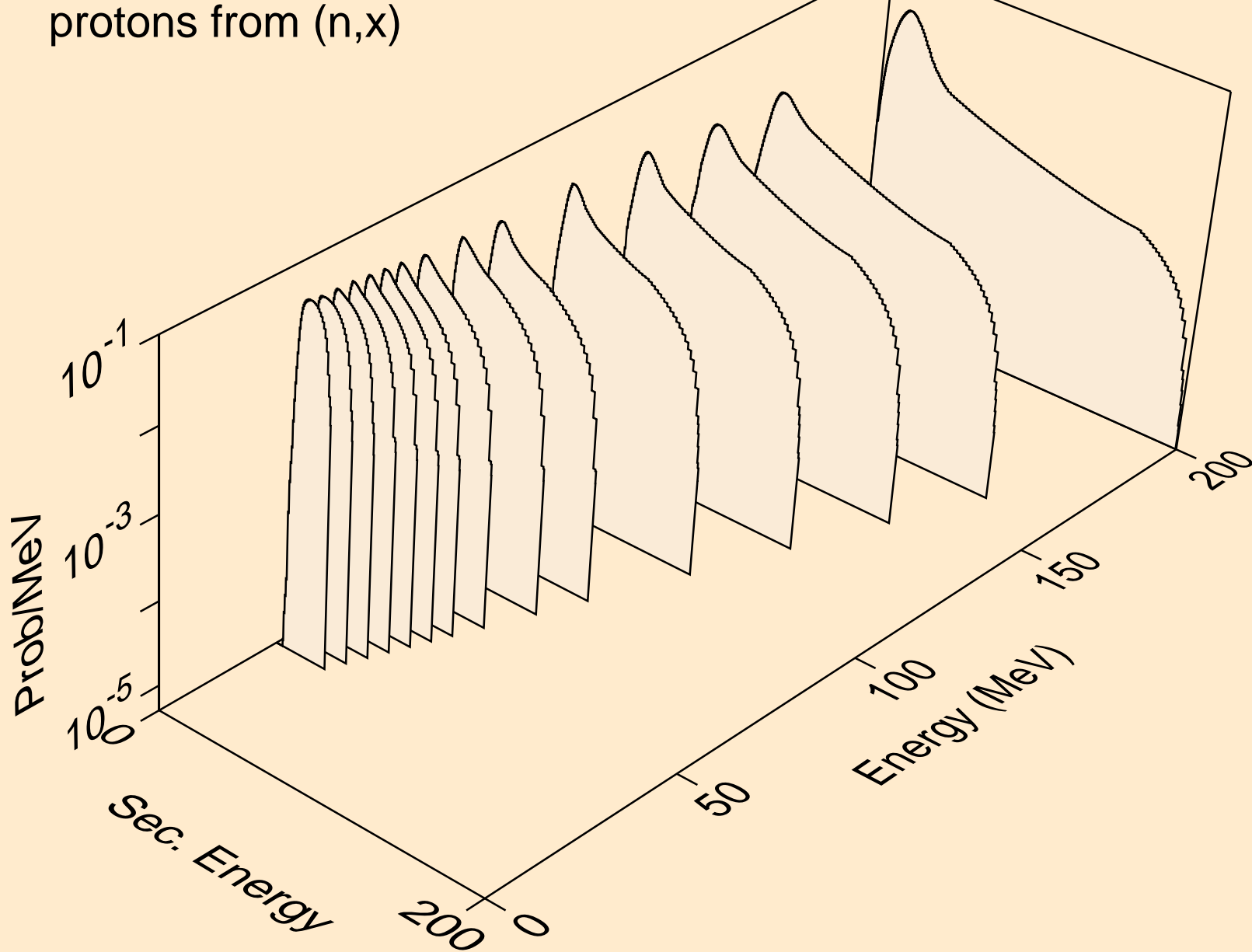


ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

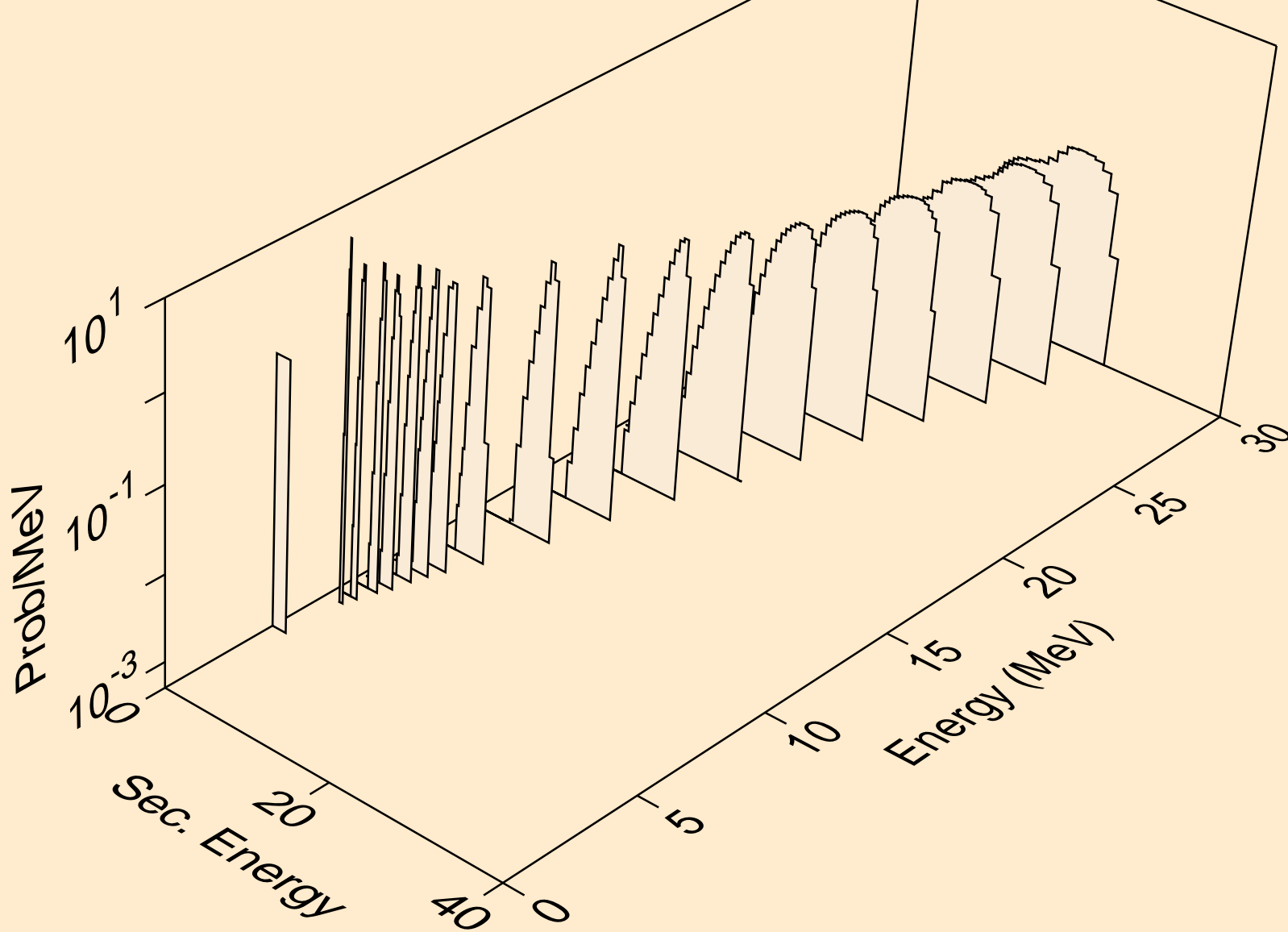
Particle production cross sections



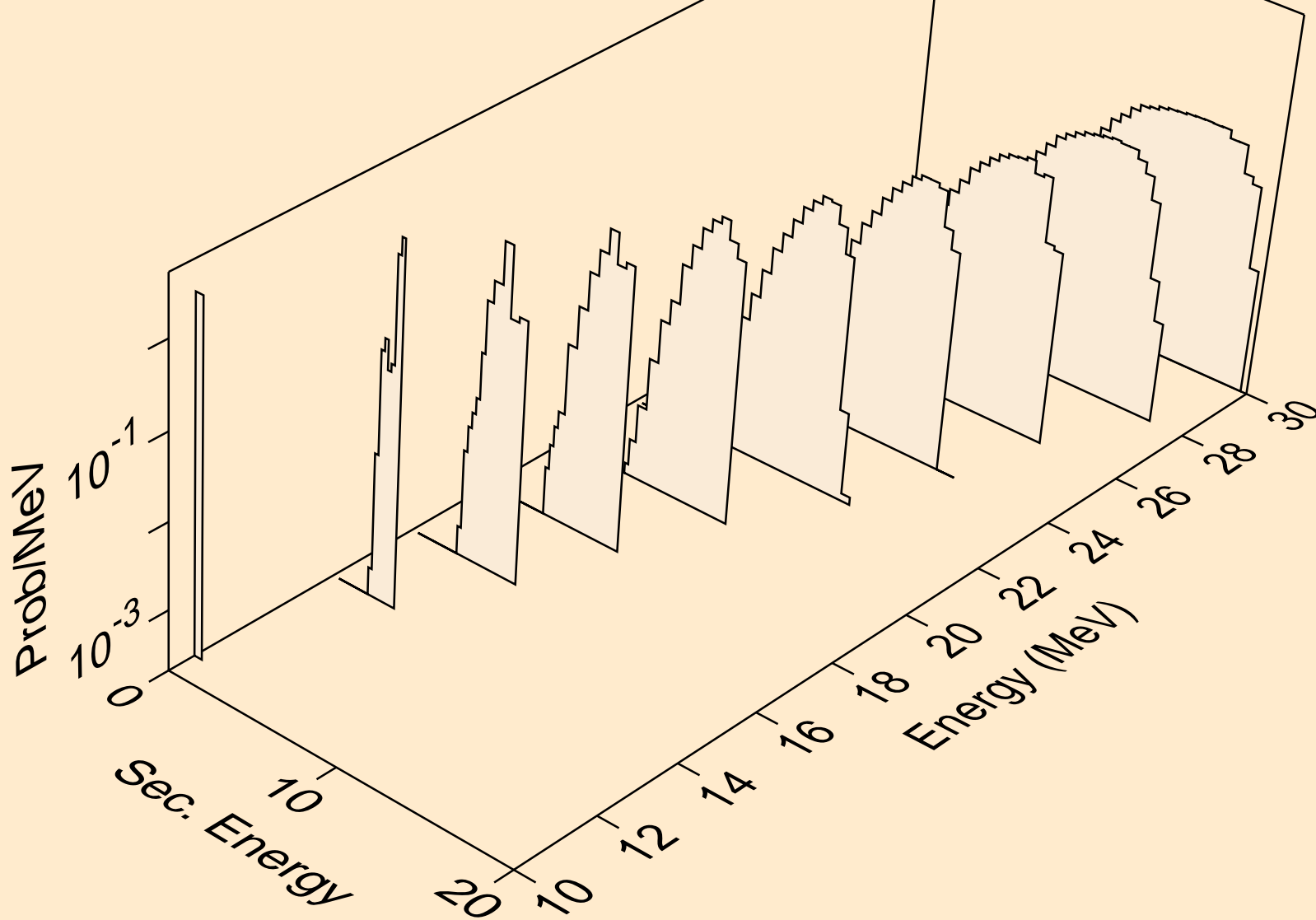
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



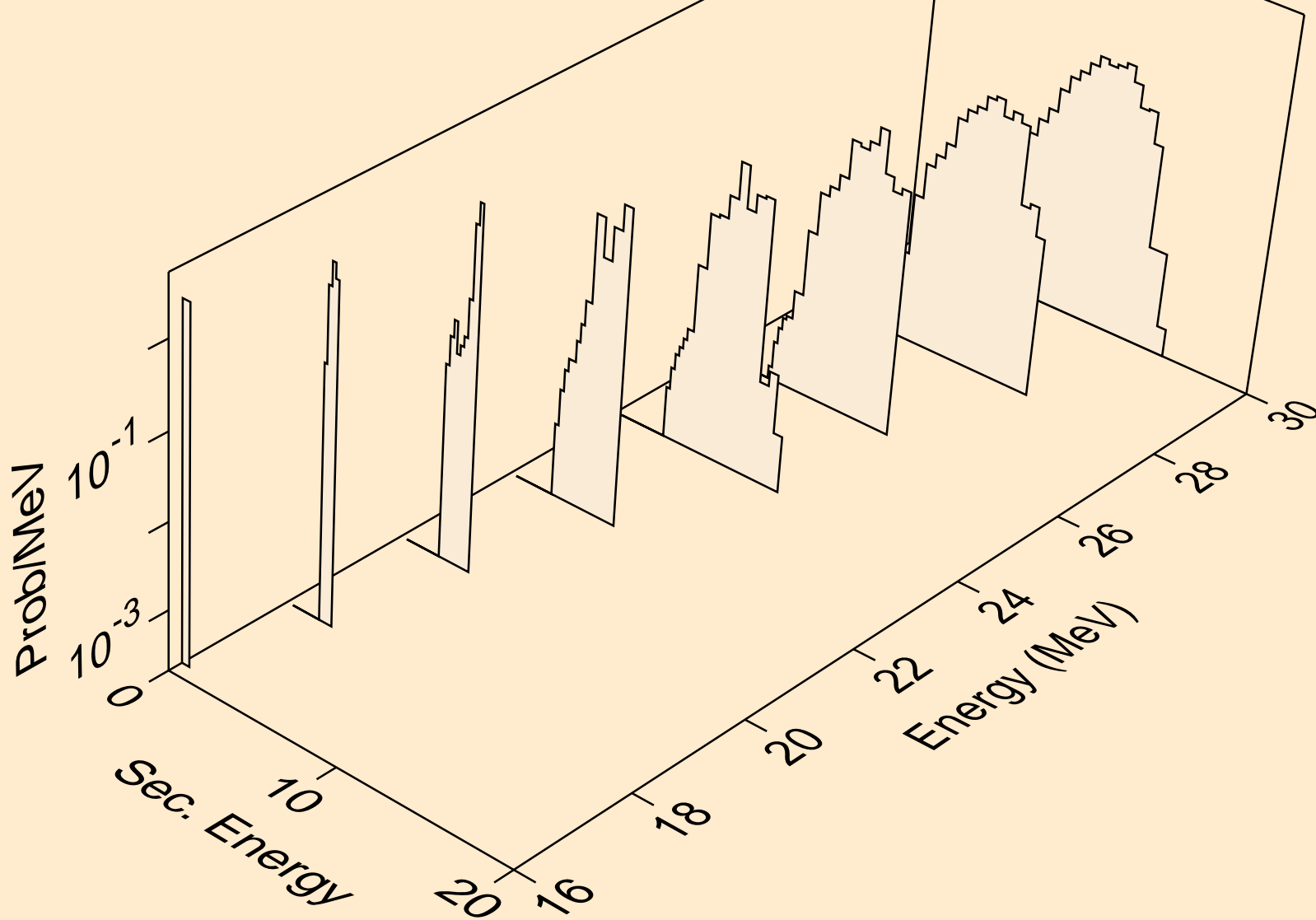
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



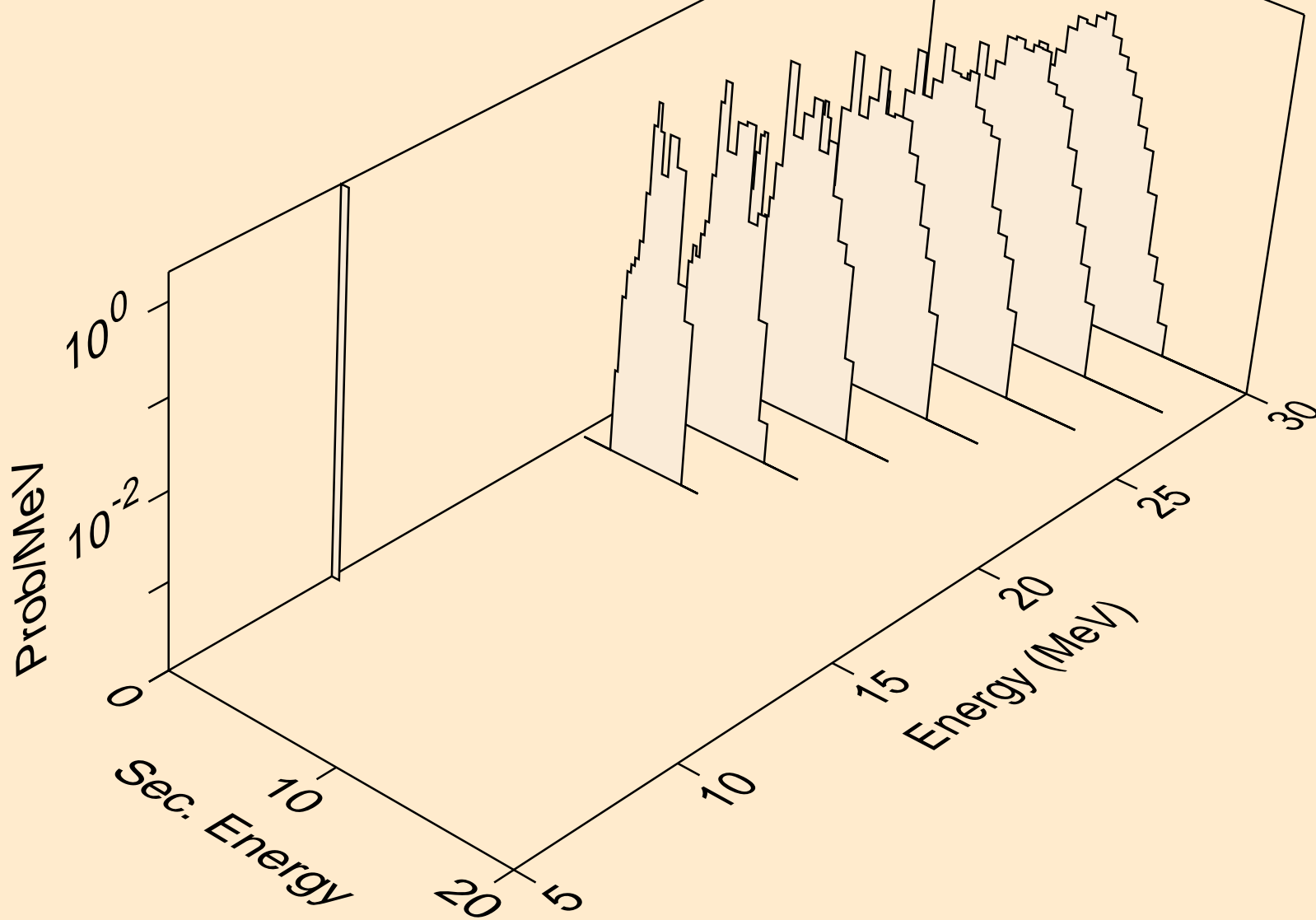
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



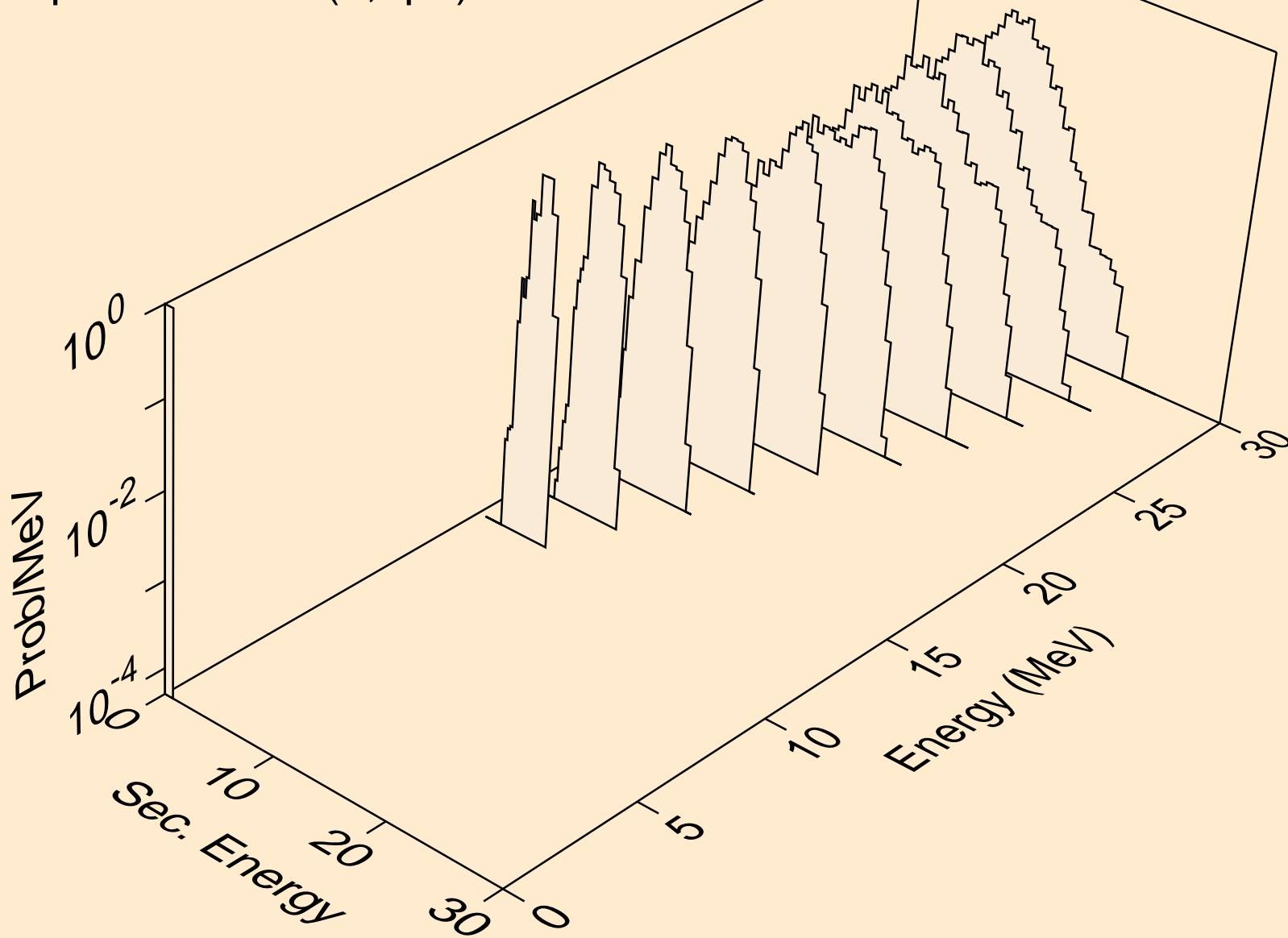
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



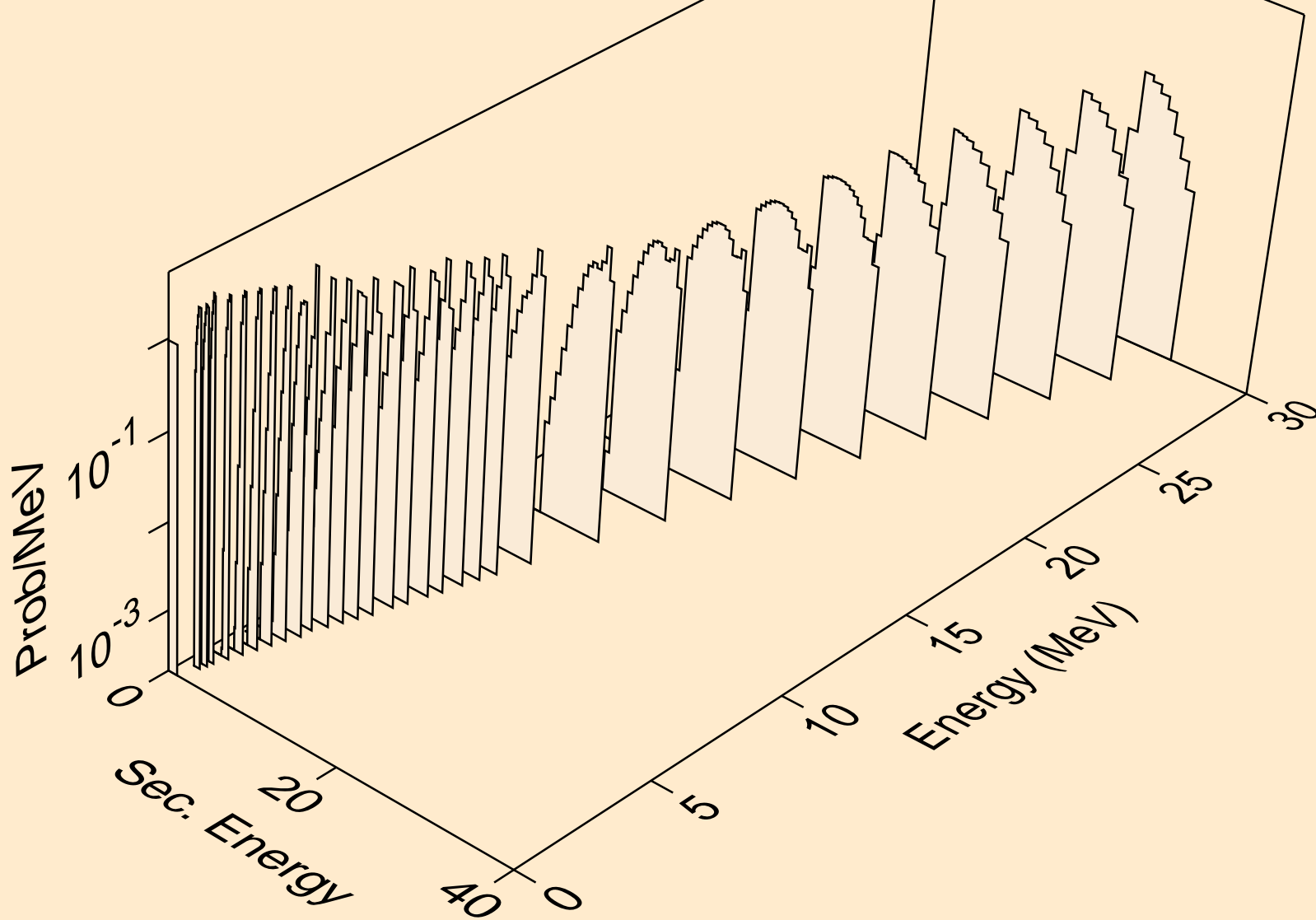
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



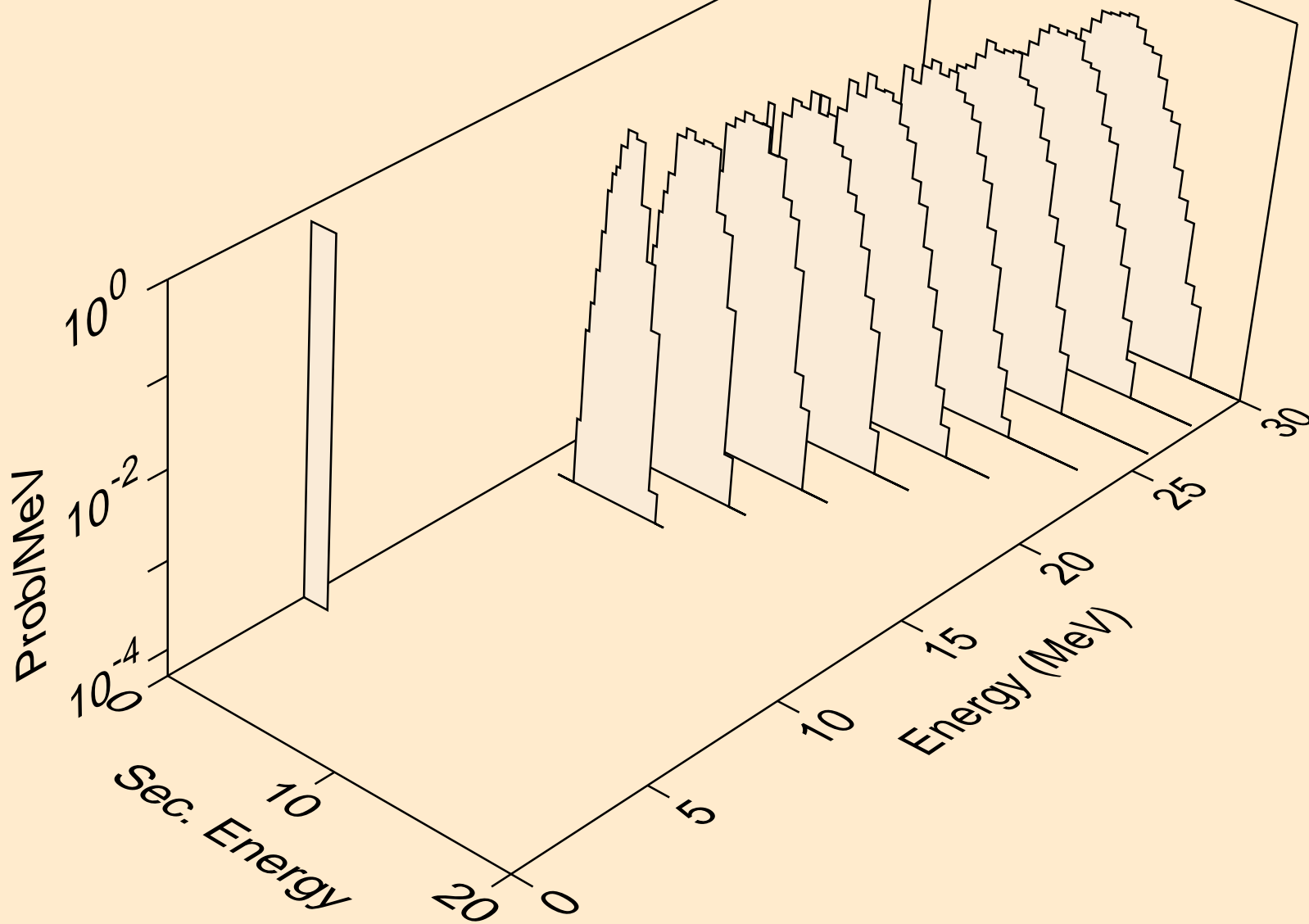
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



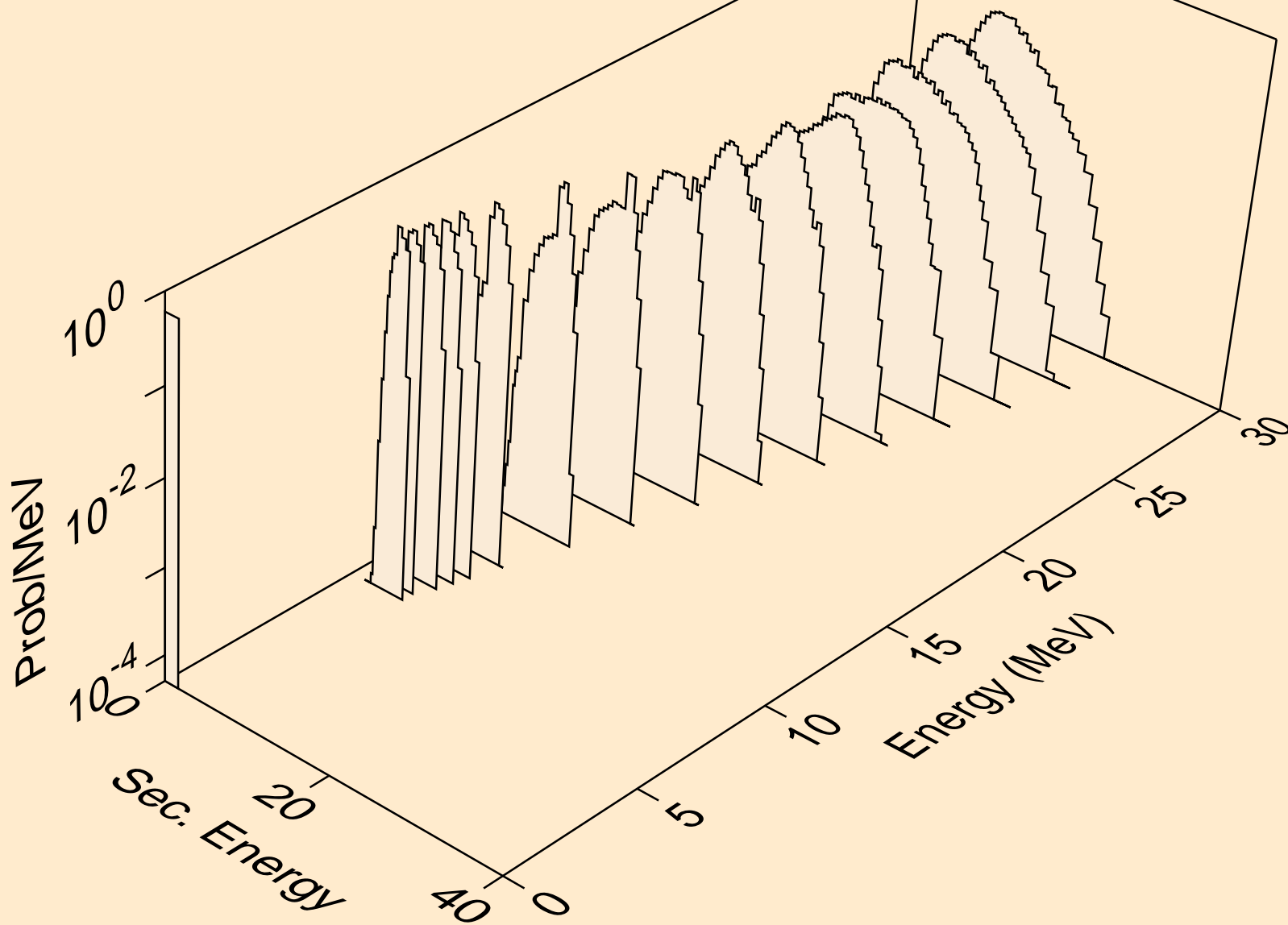
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



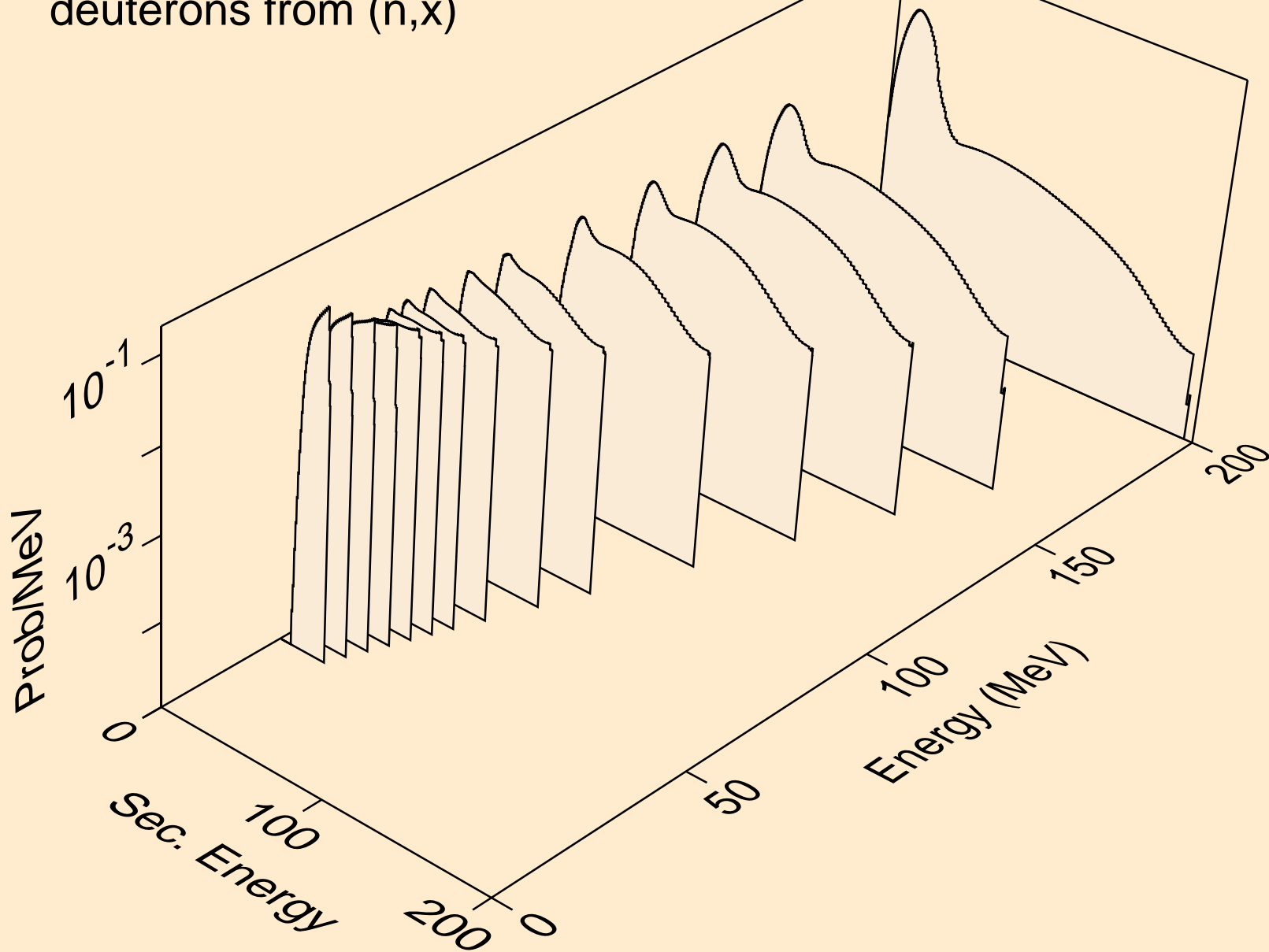
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



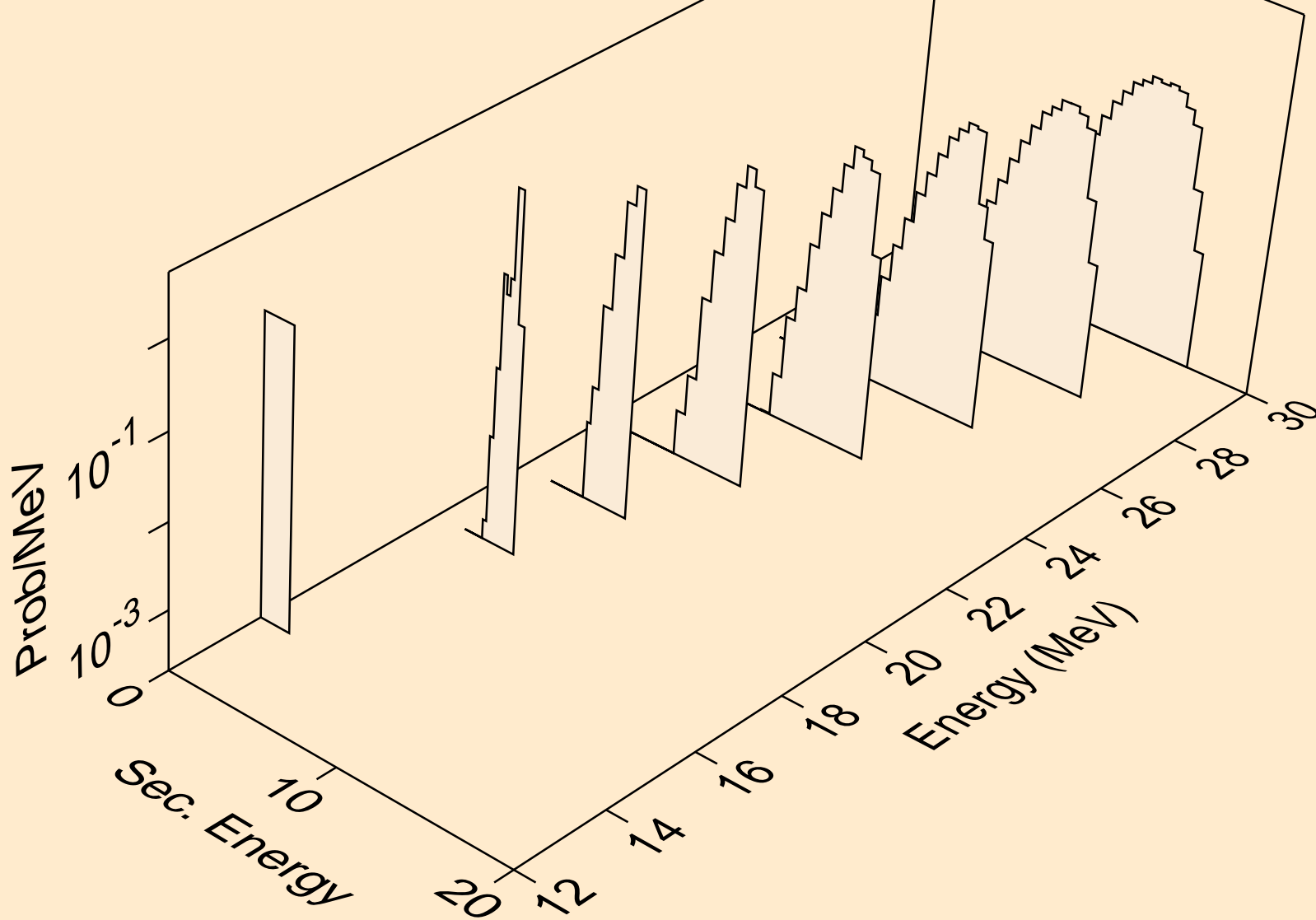
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



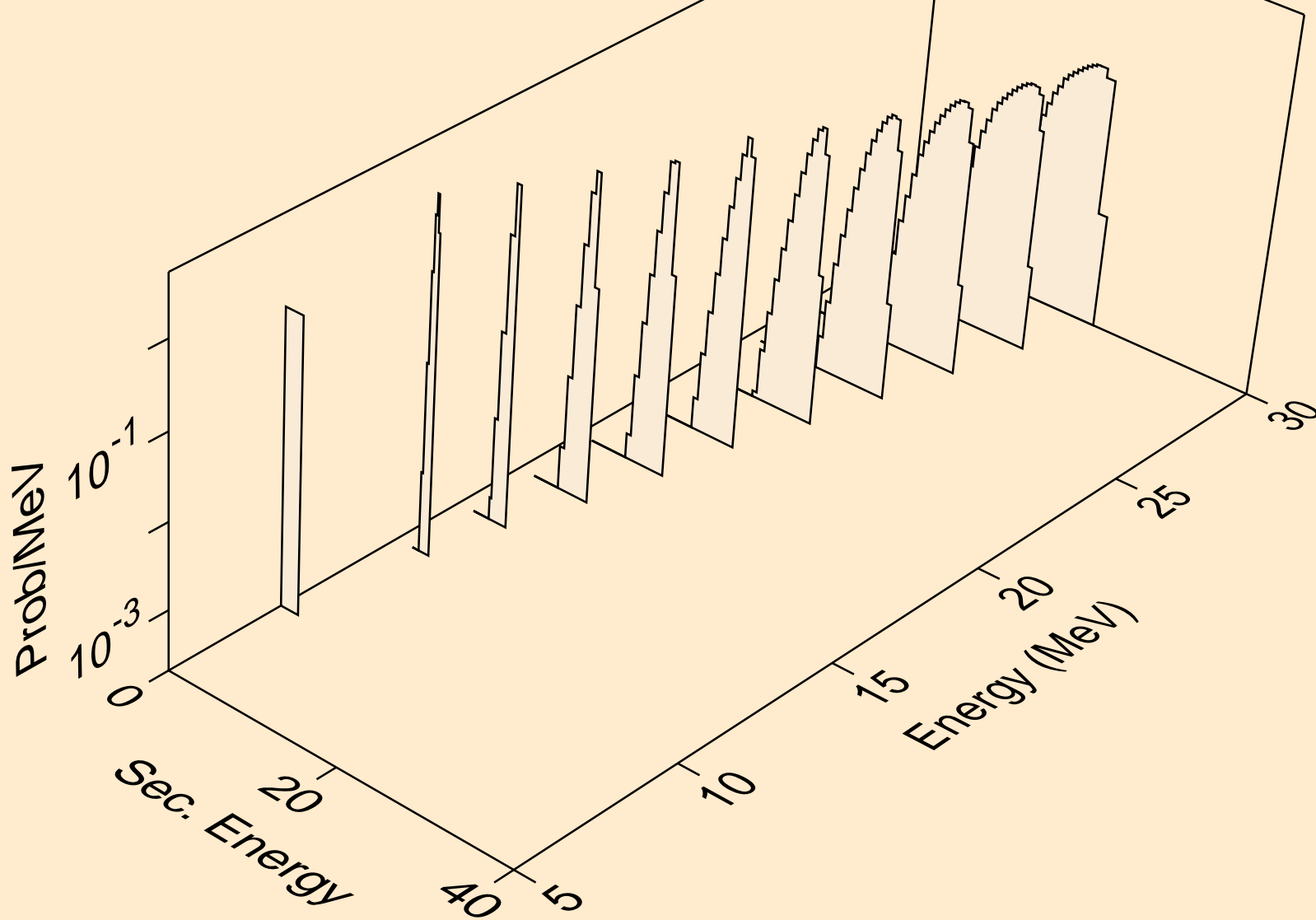
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



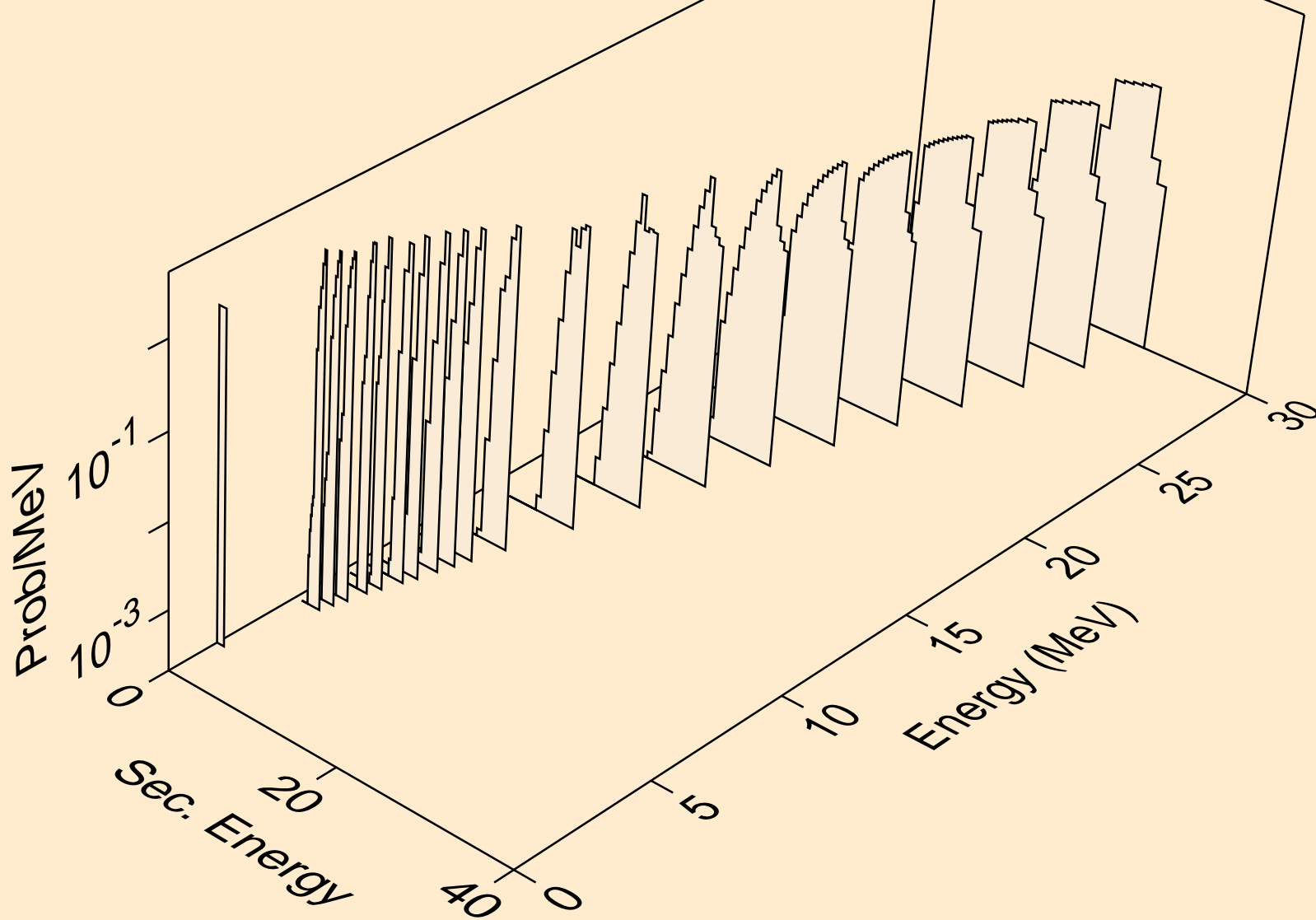
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



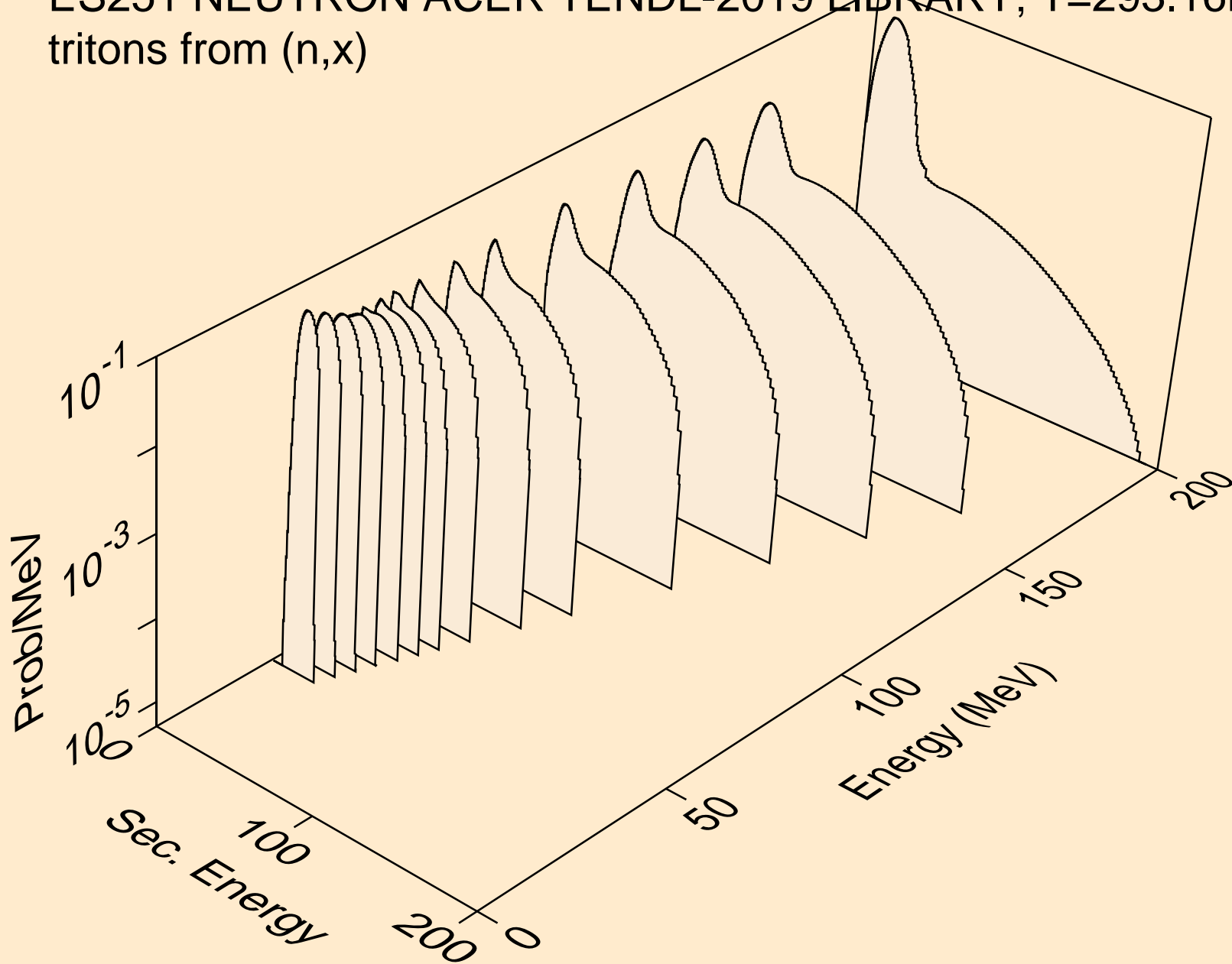
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



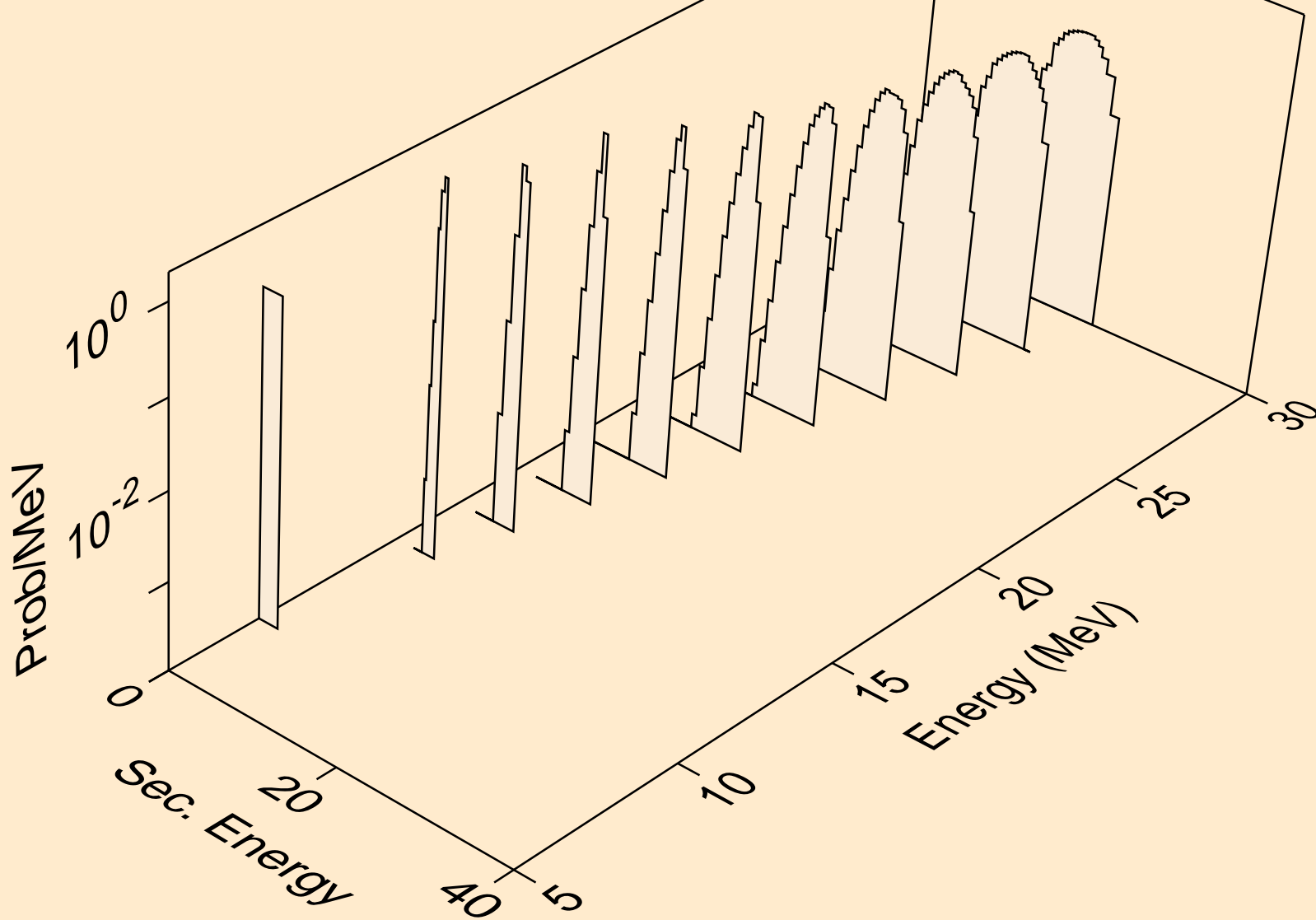
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



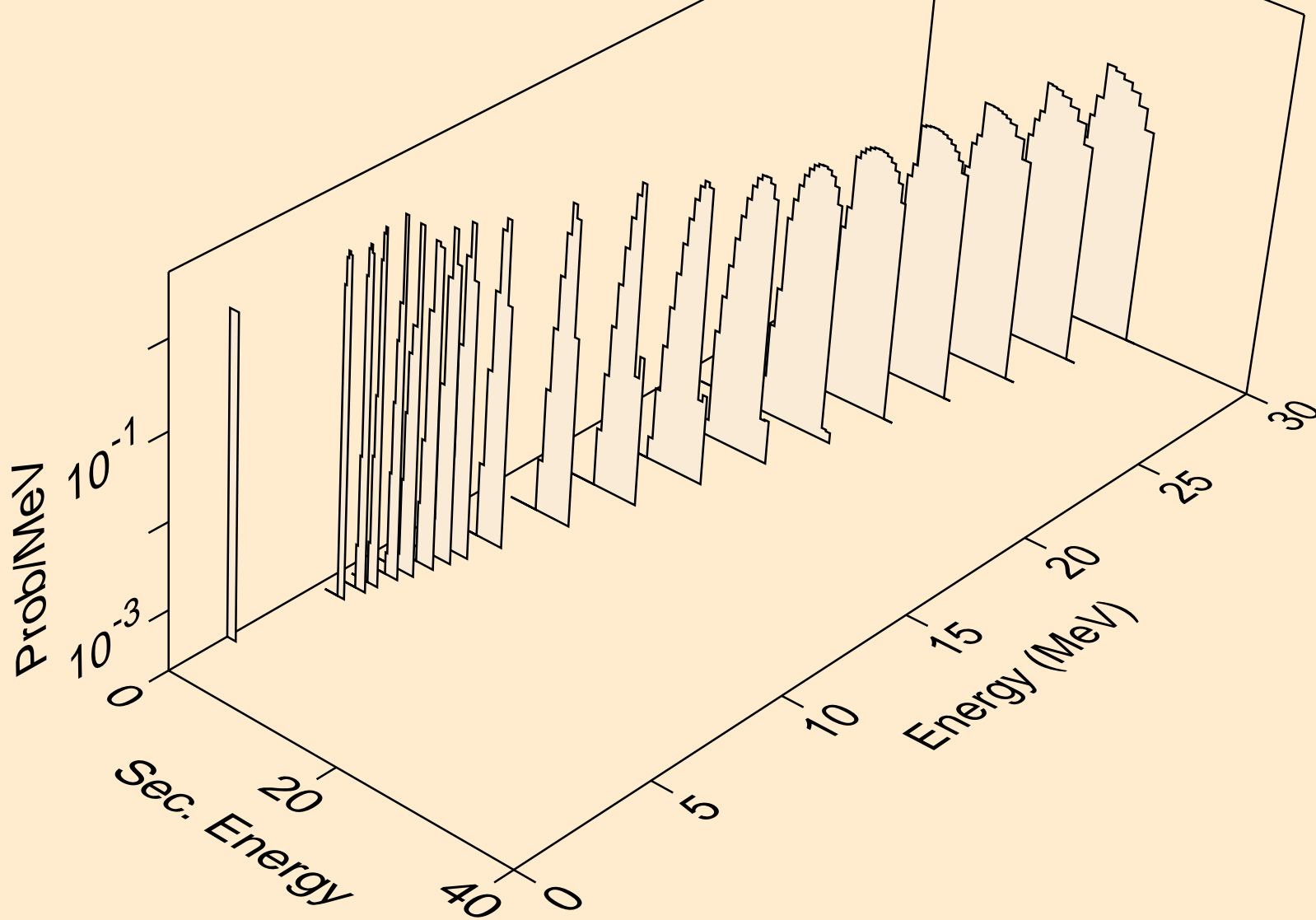
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



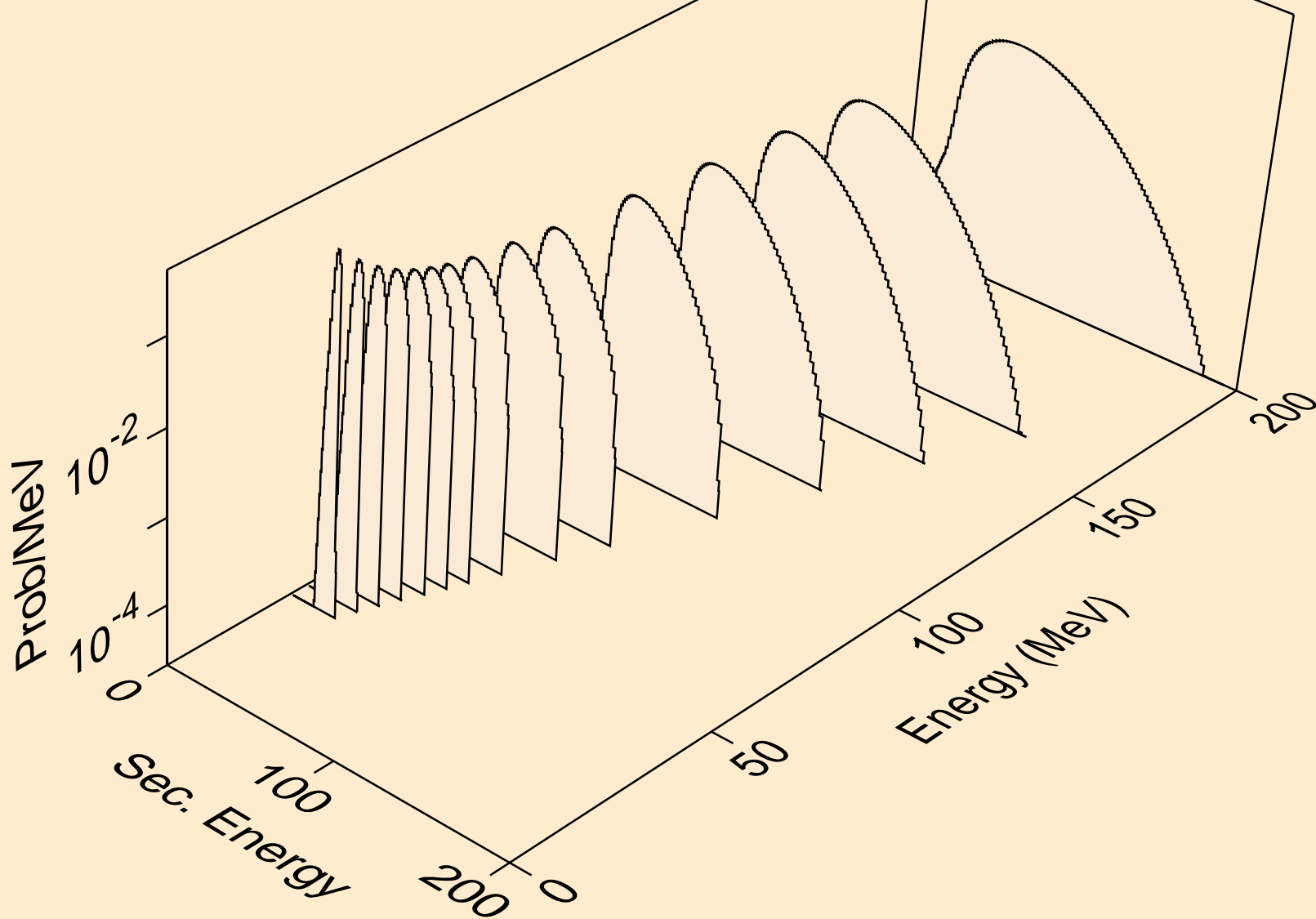
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



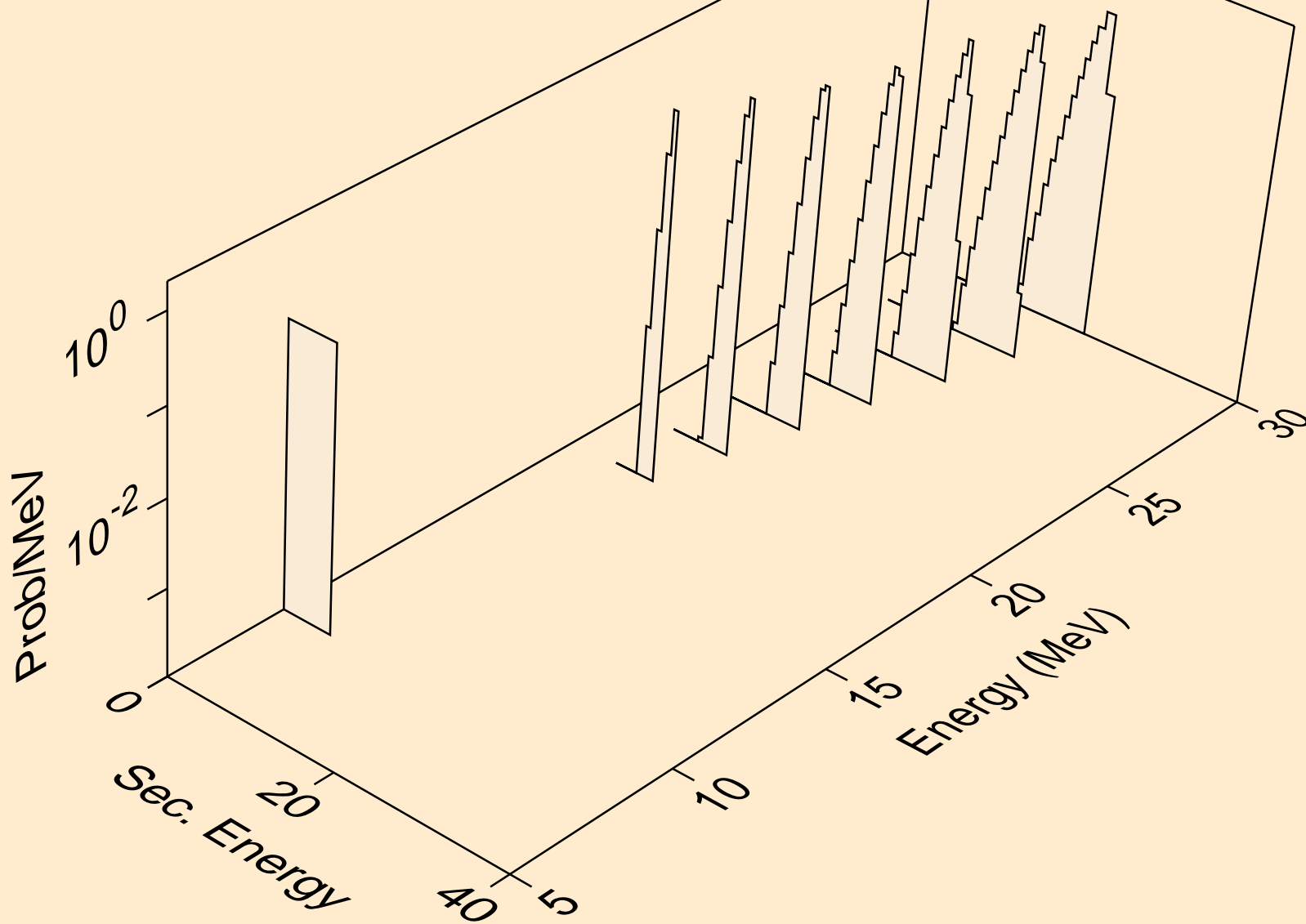
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



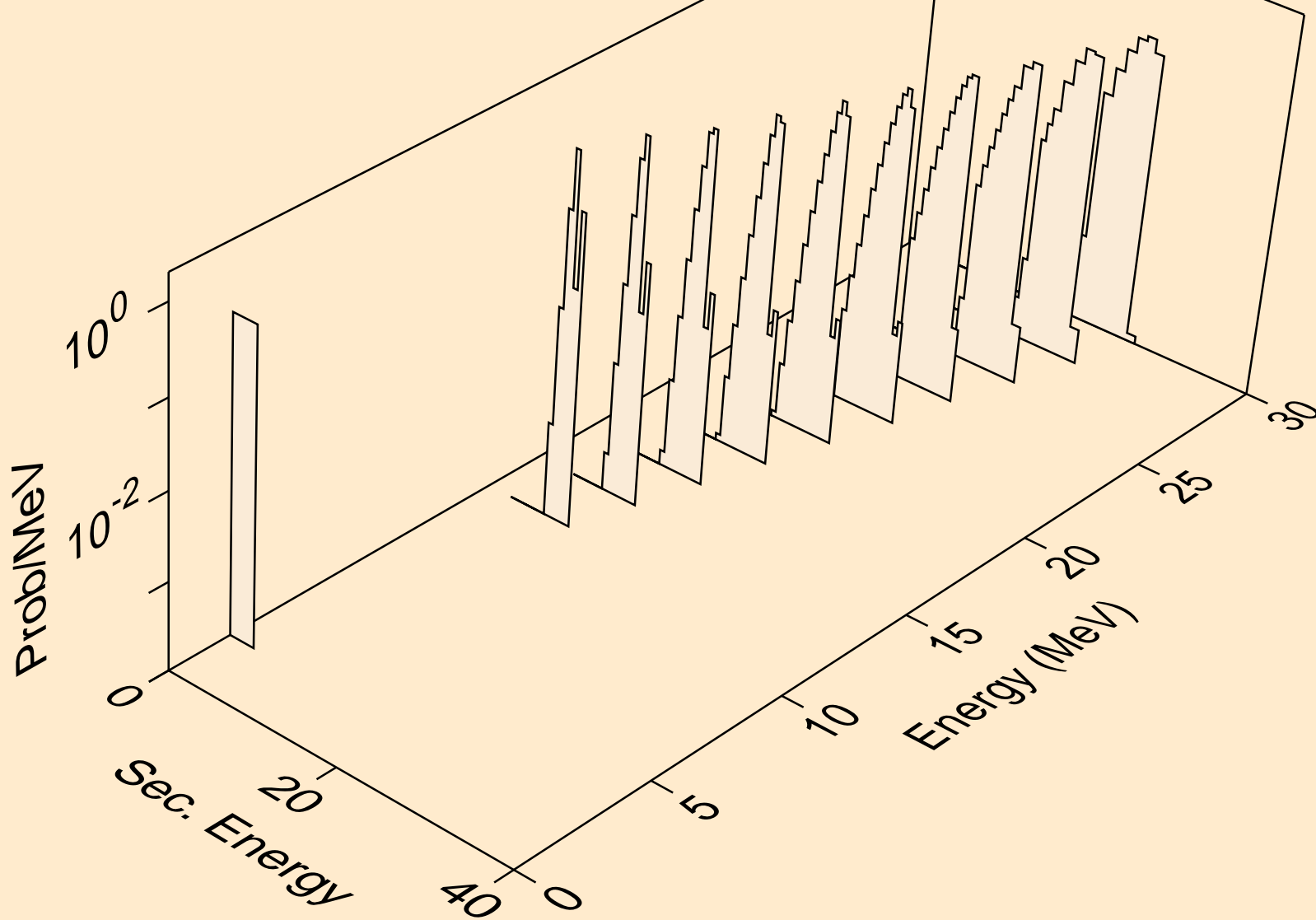
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



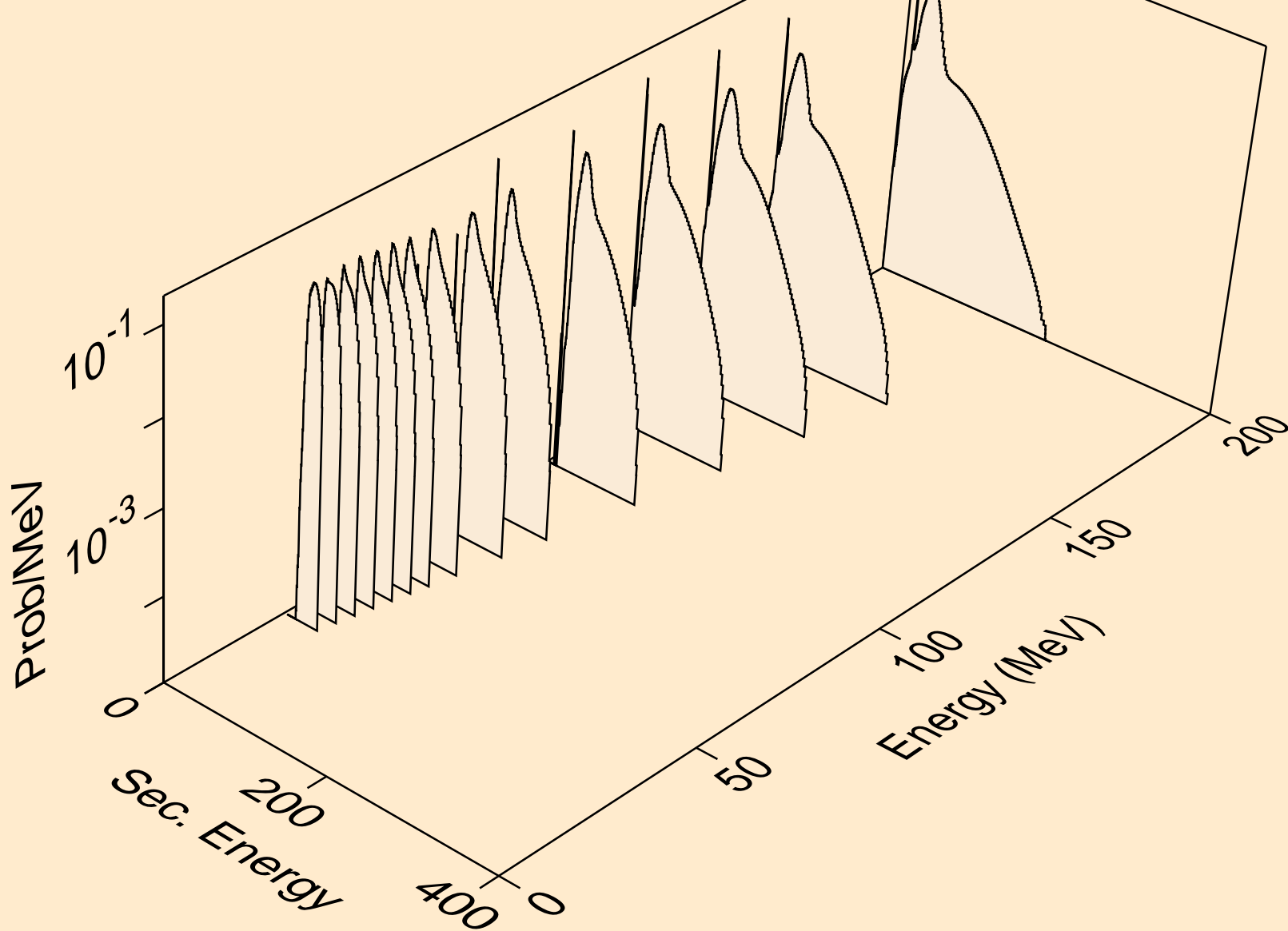
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



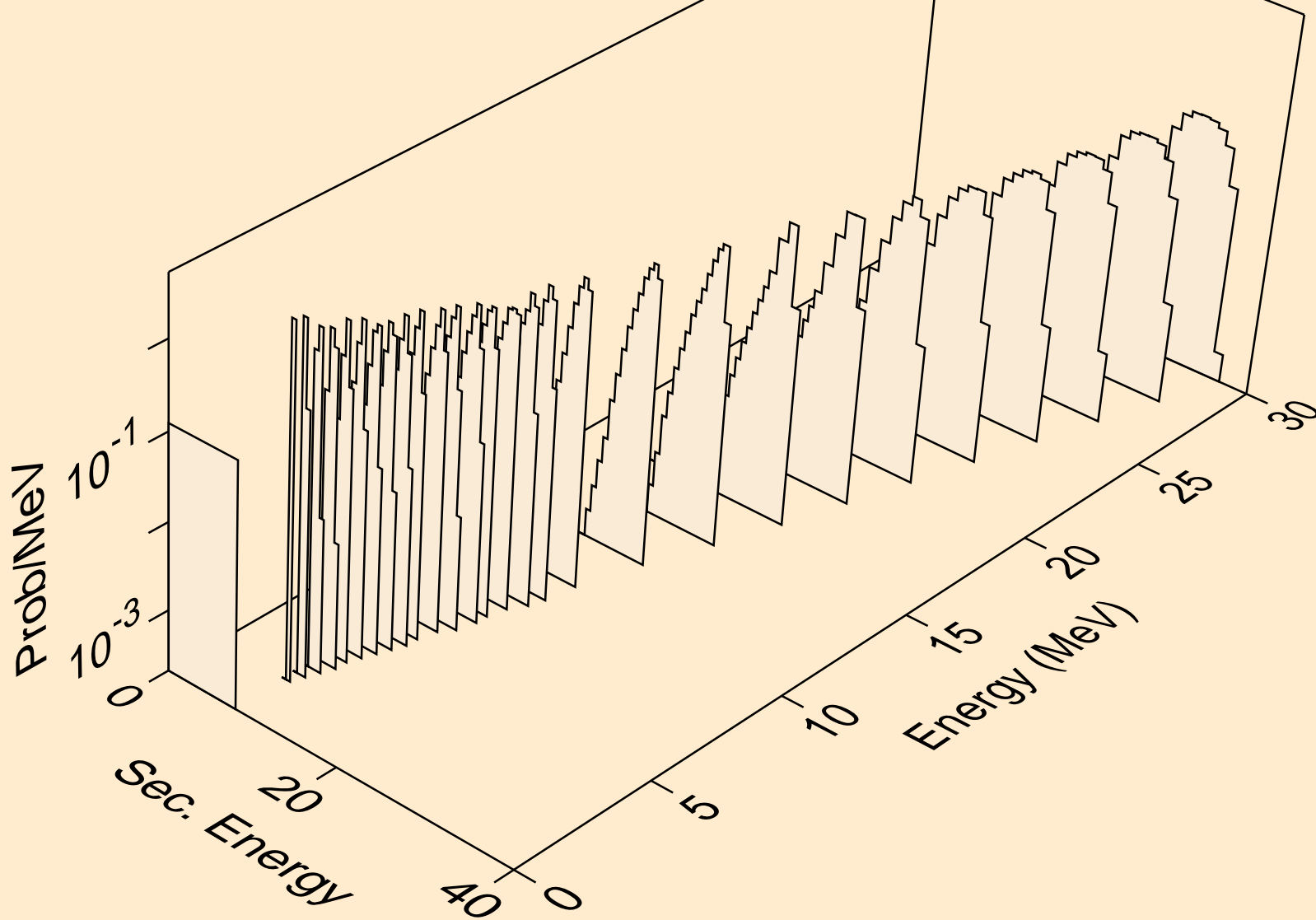
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



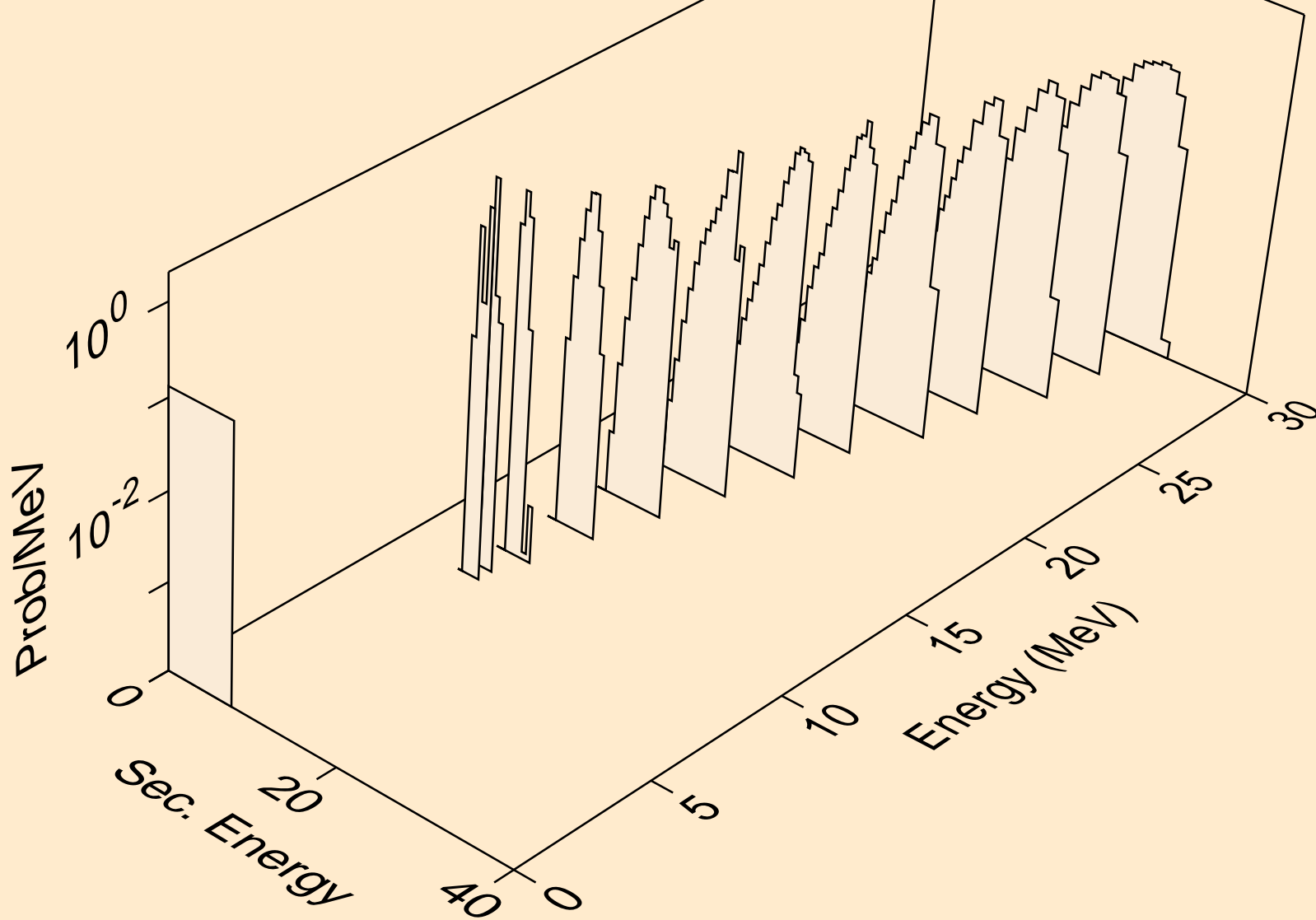
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



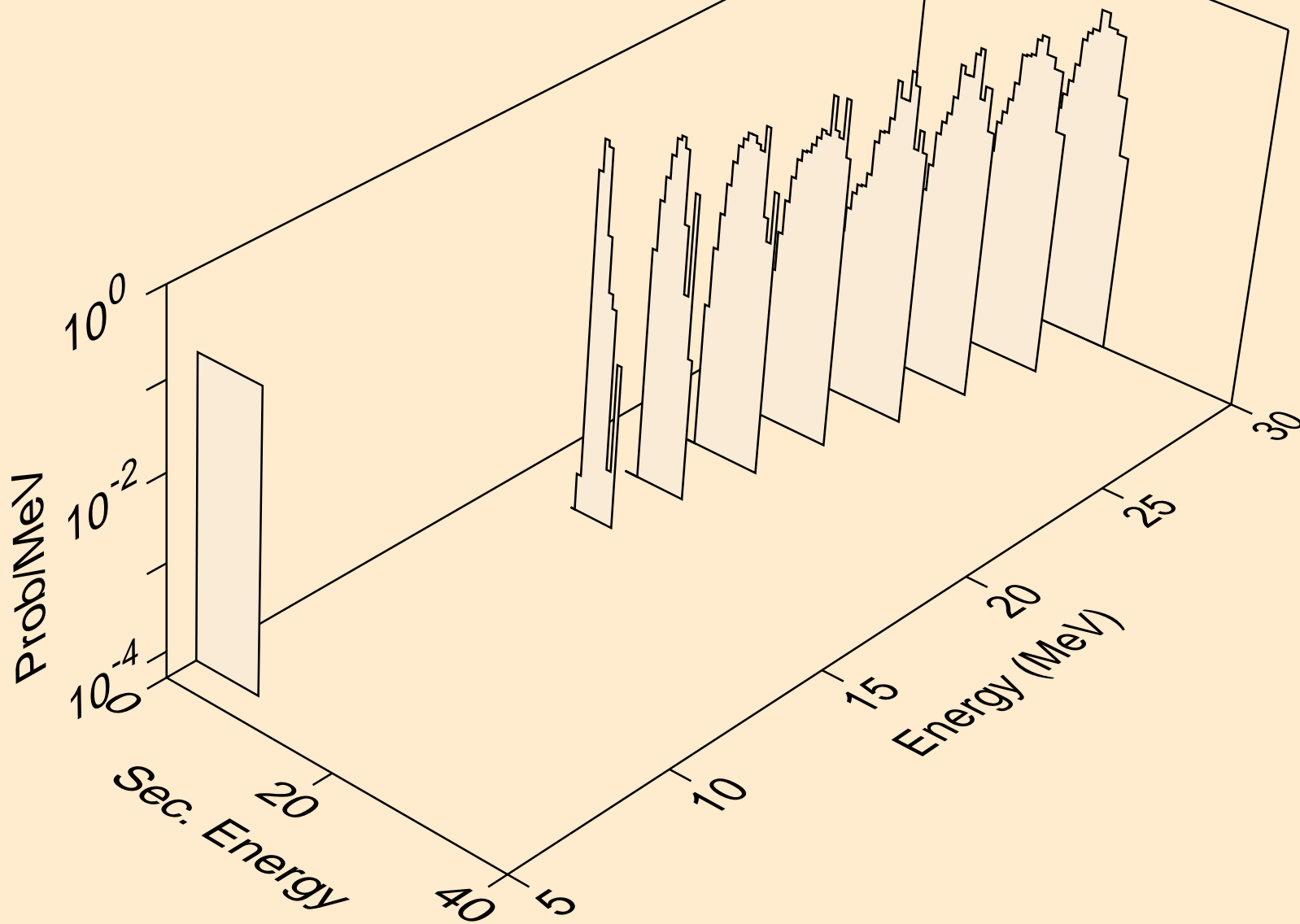
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



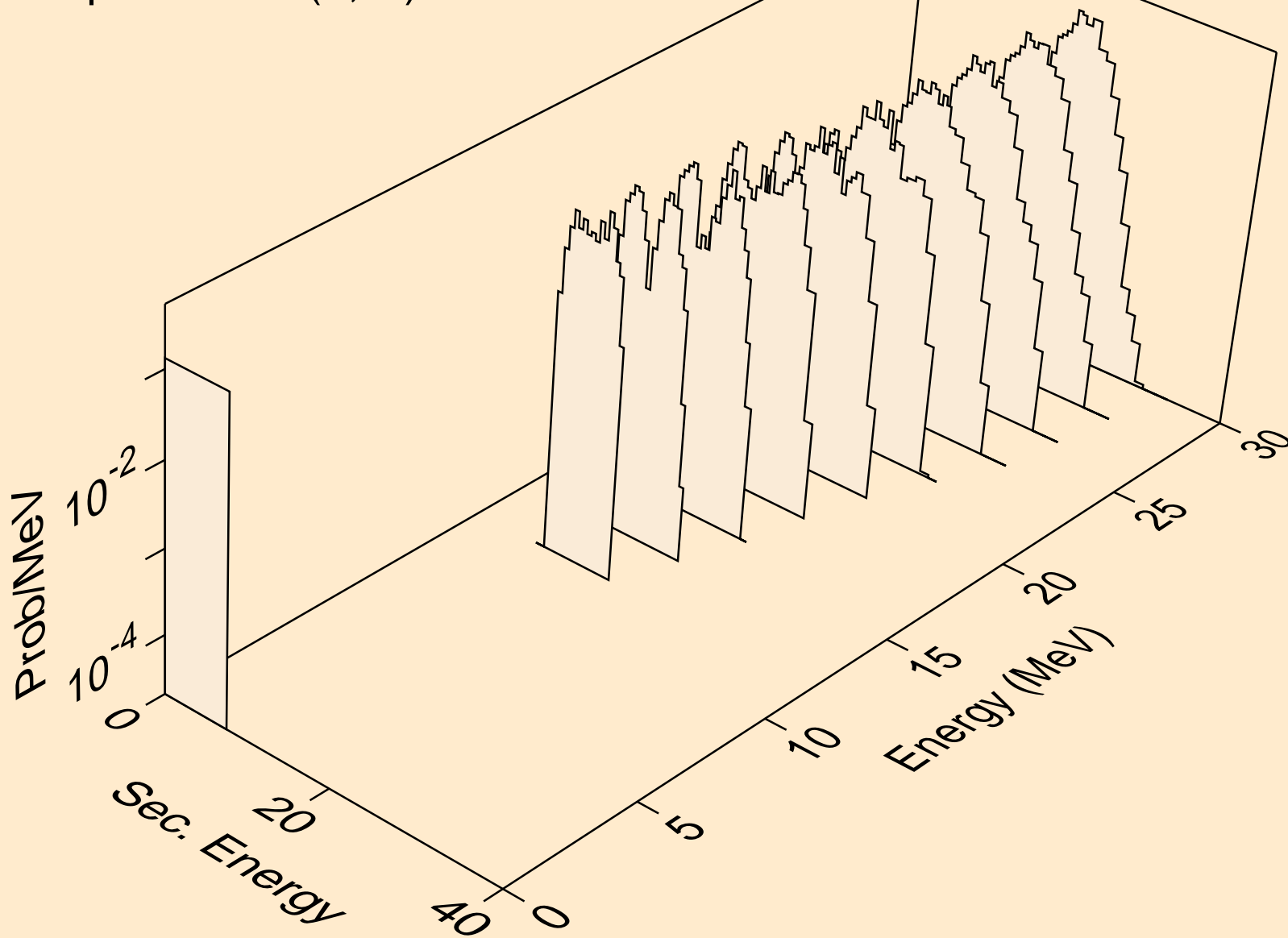
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



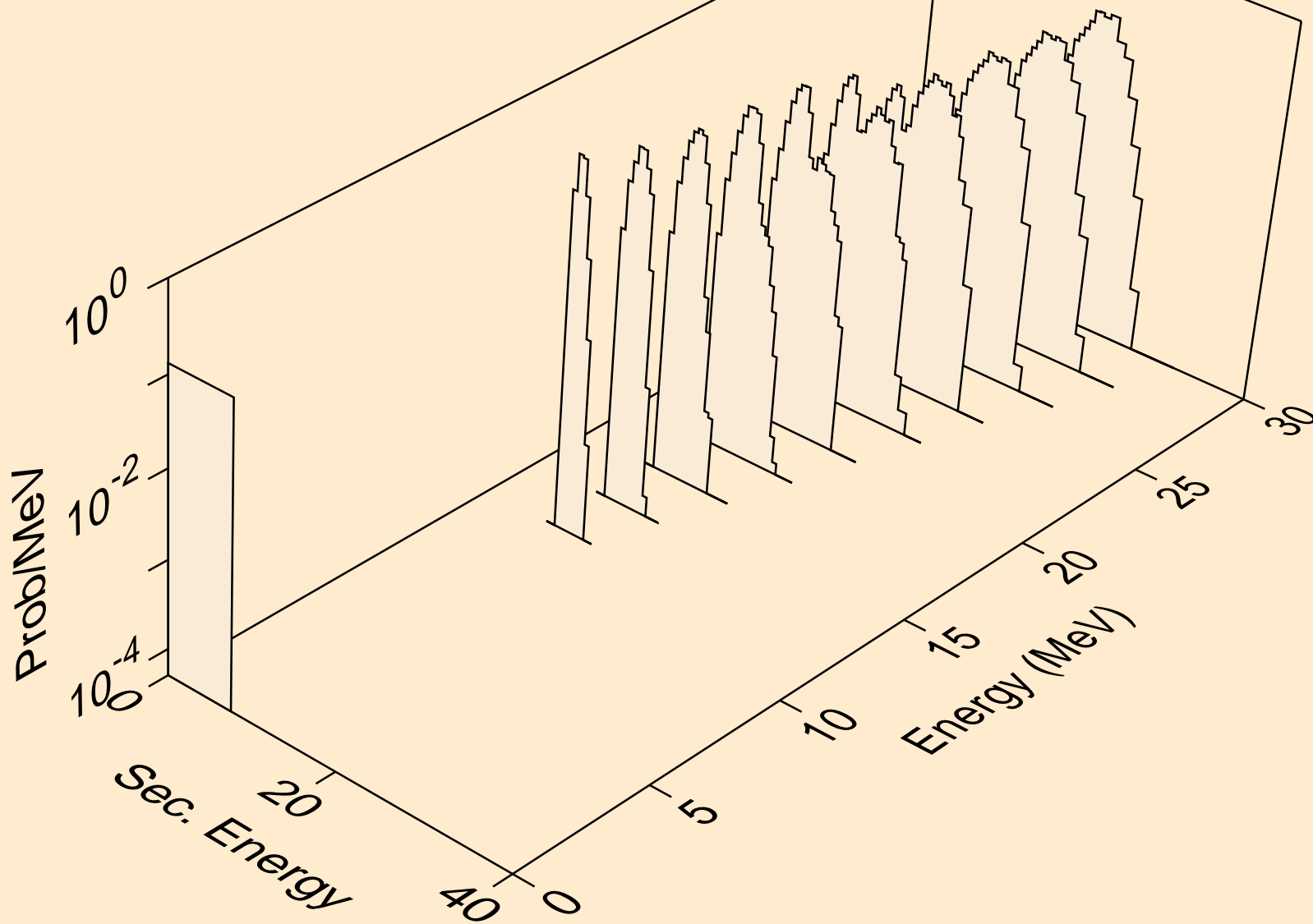
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



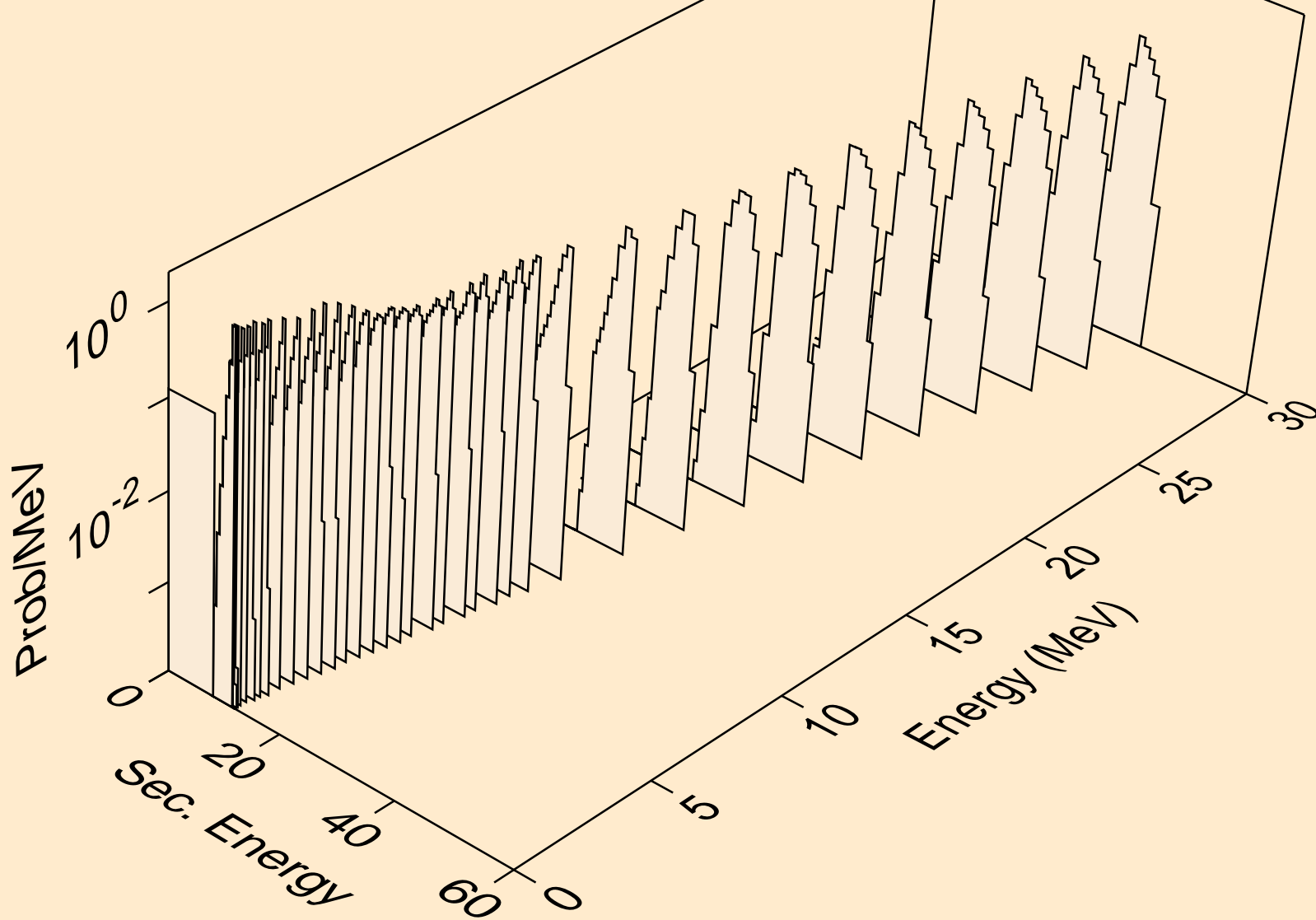
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



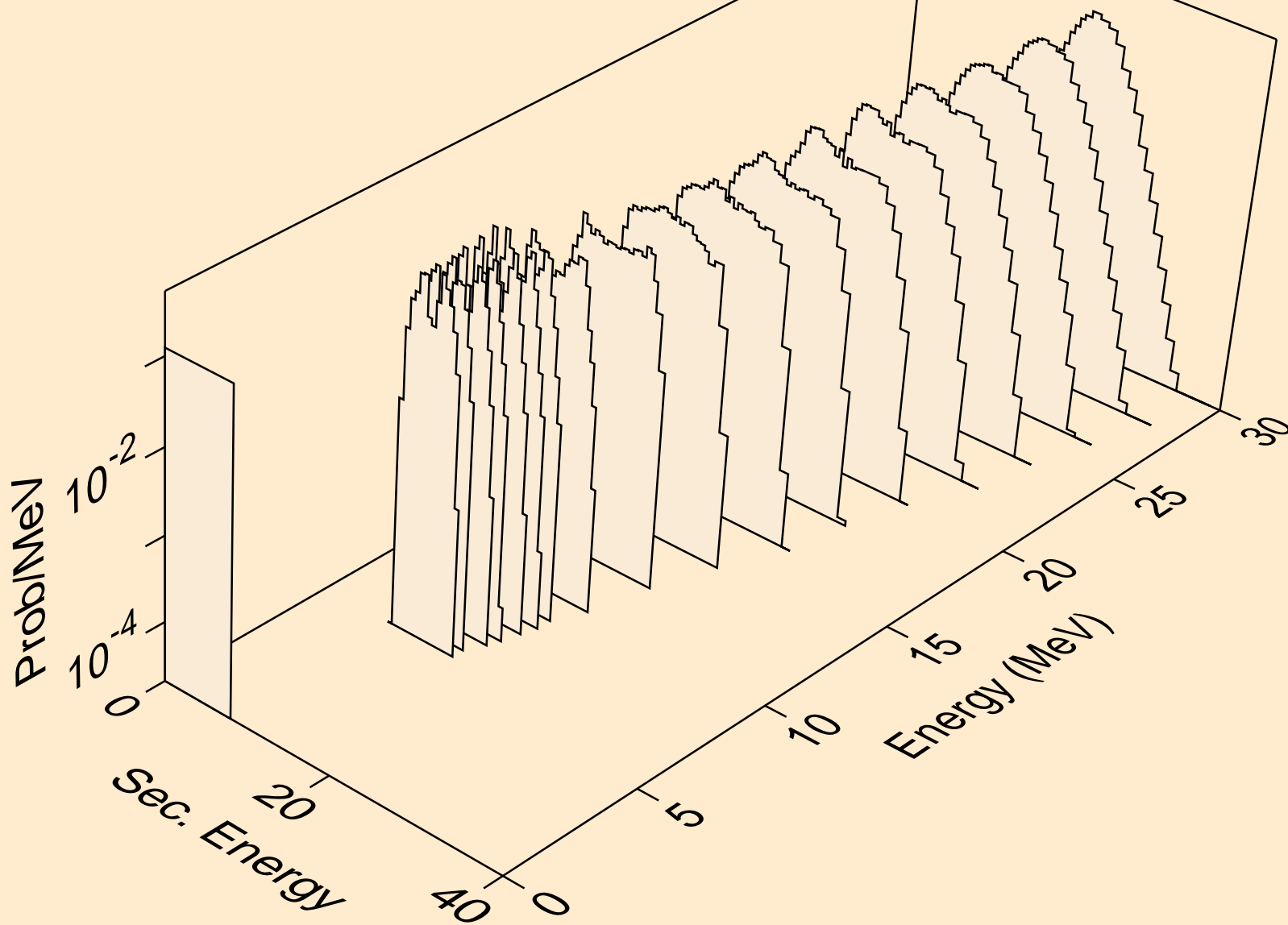
ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



ES251 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)

