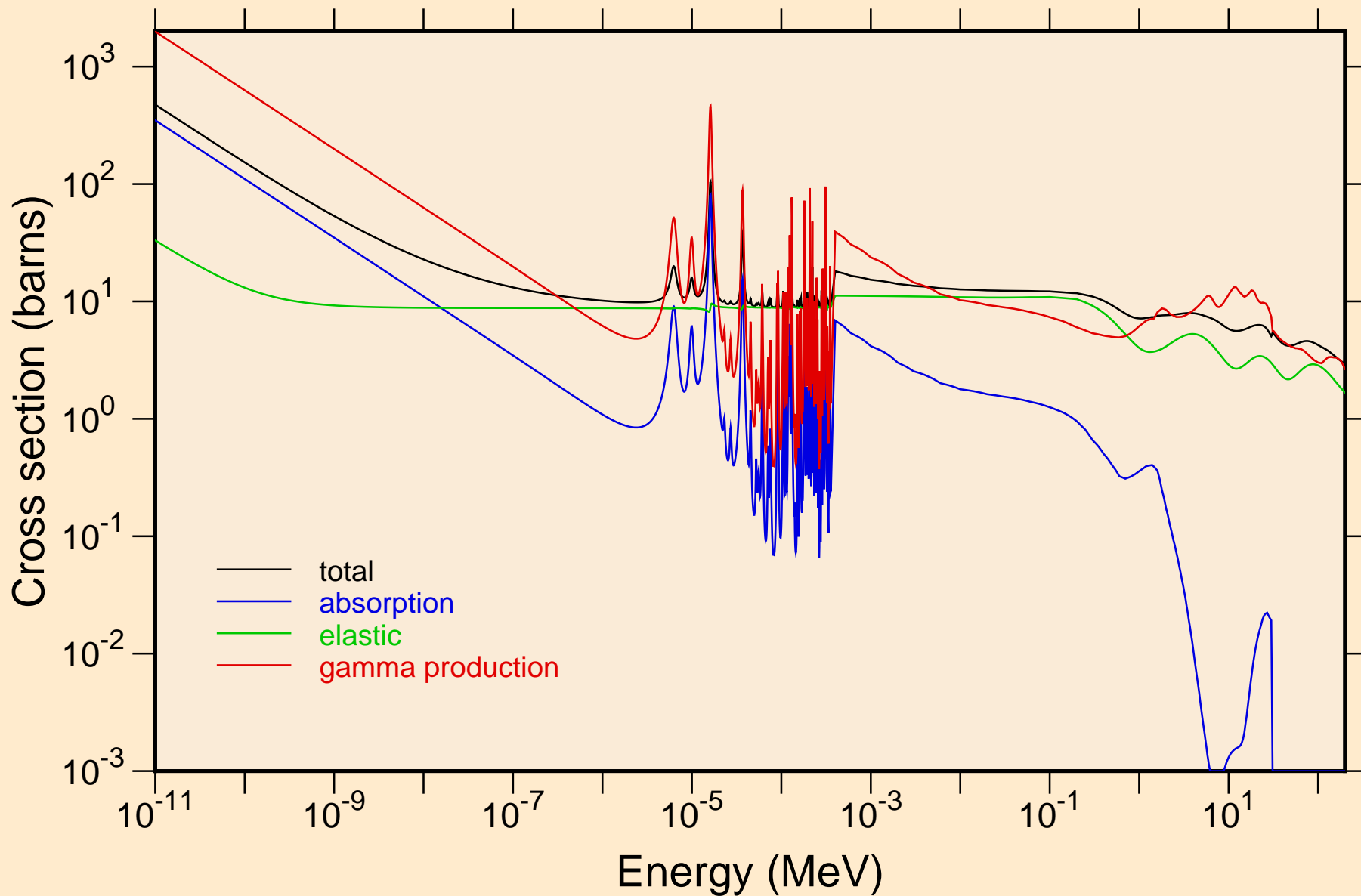
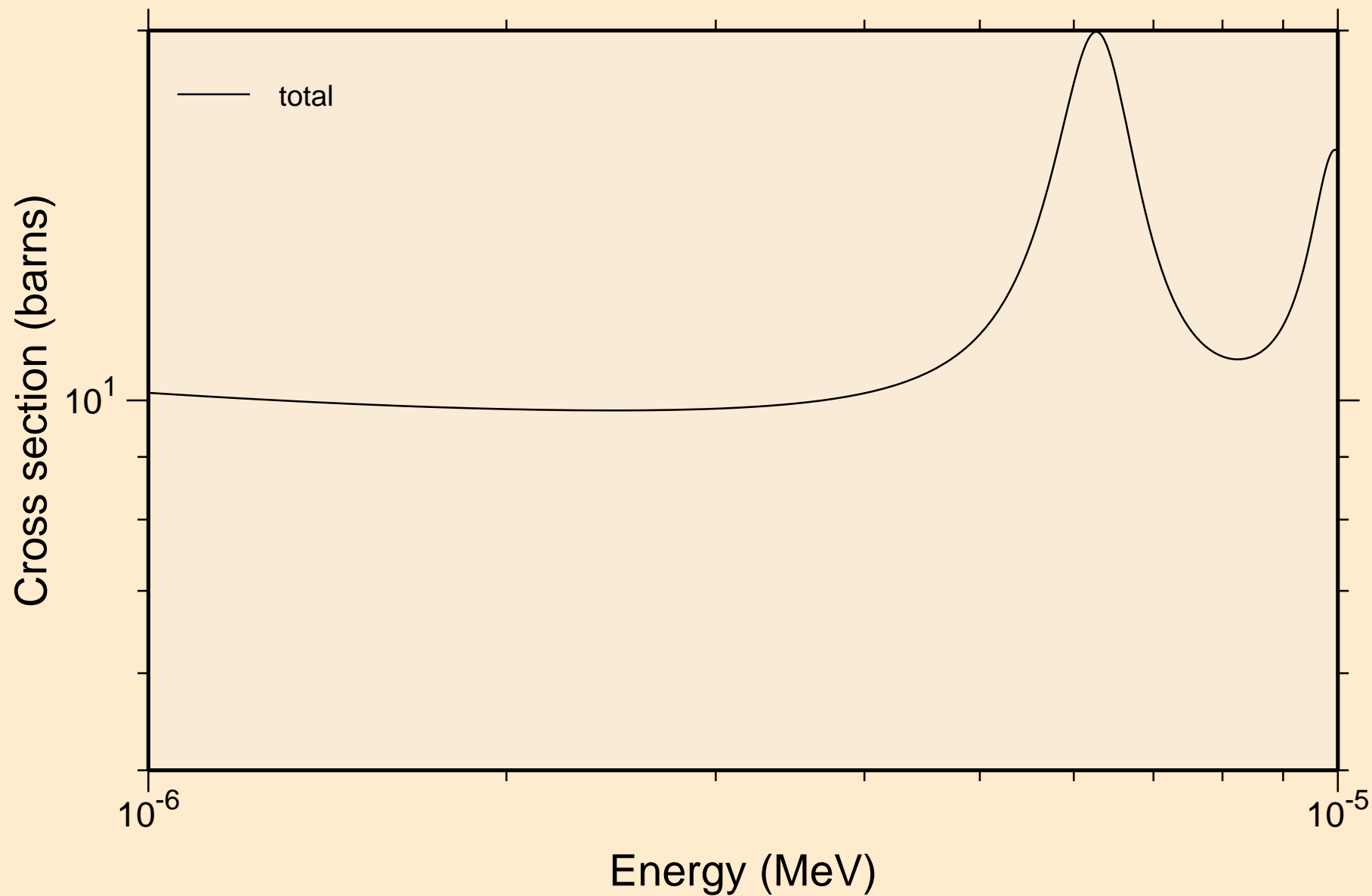


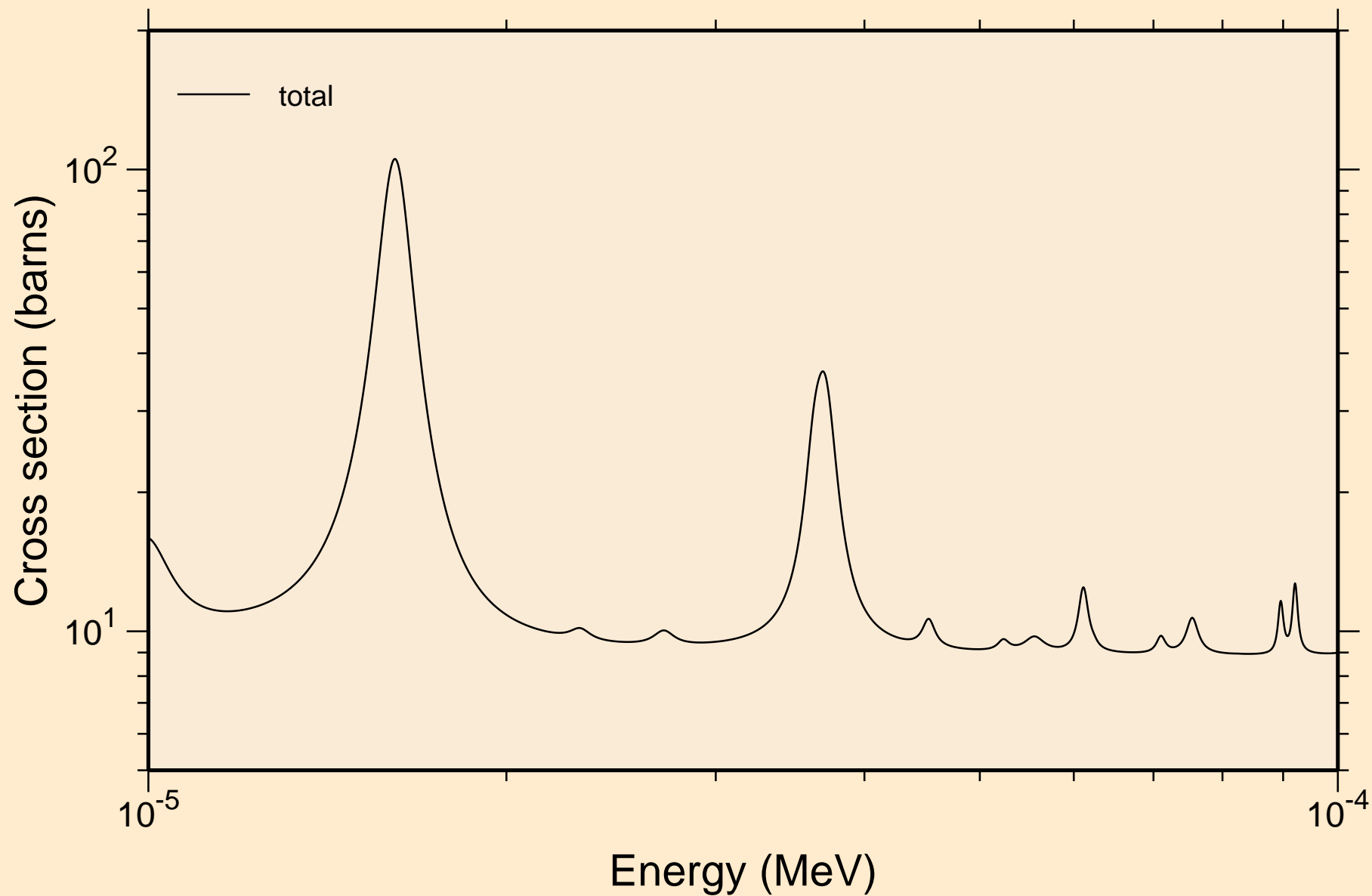
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



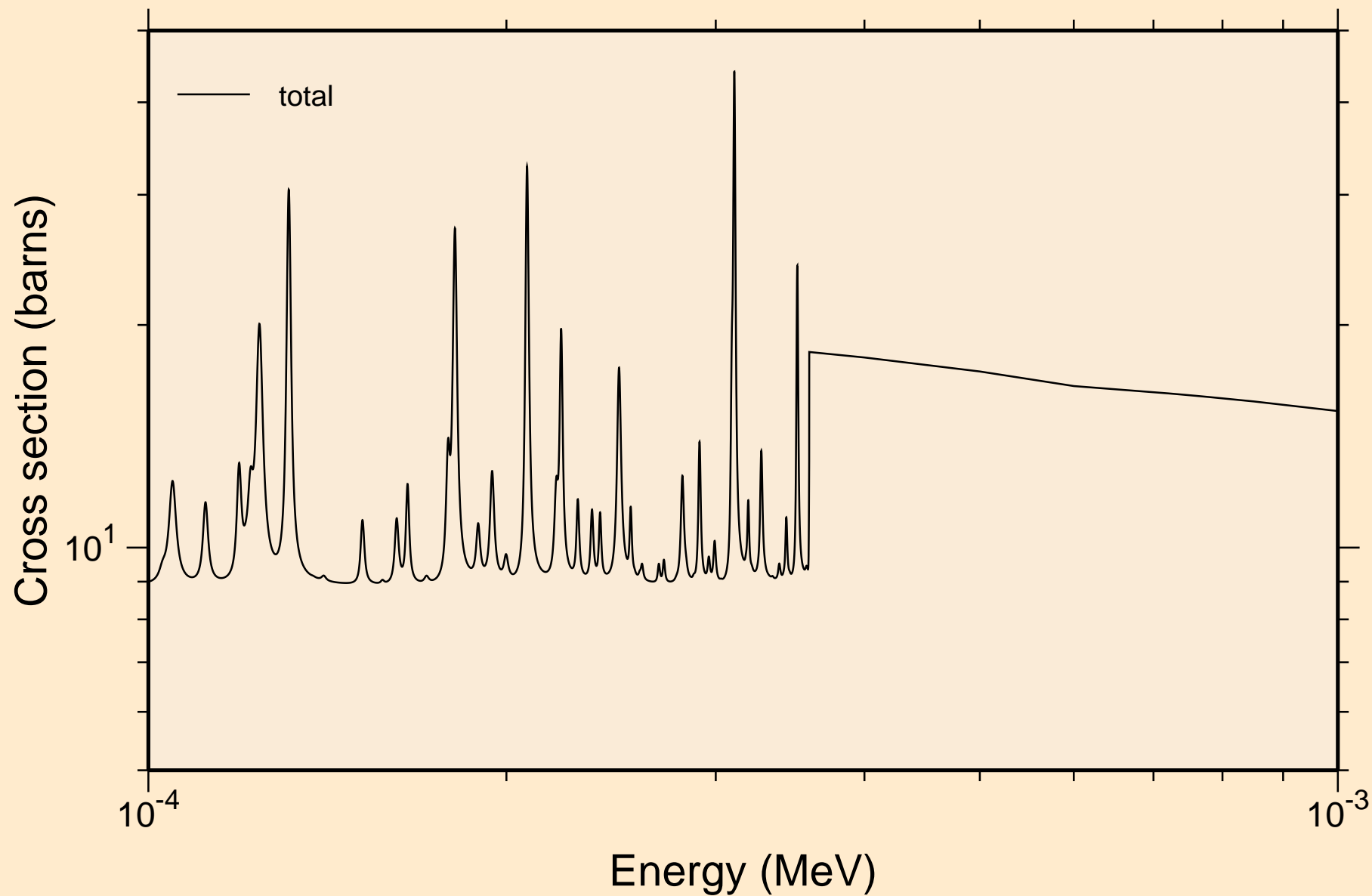
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



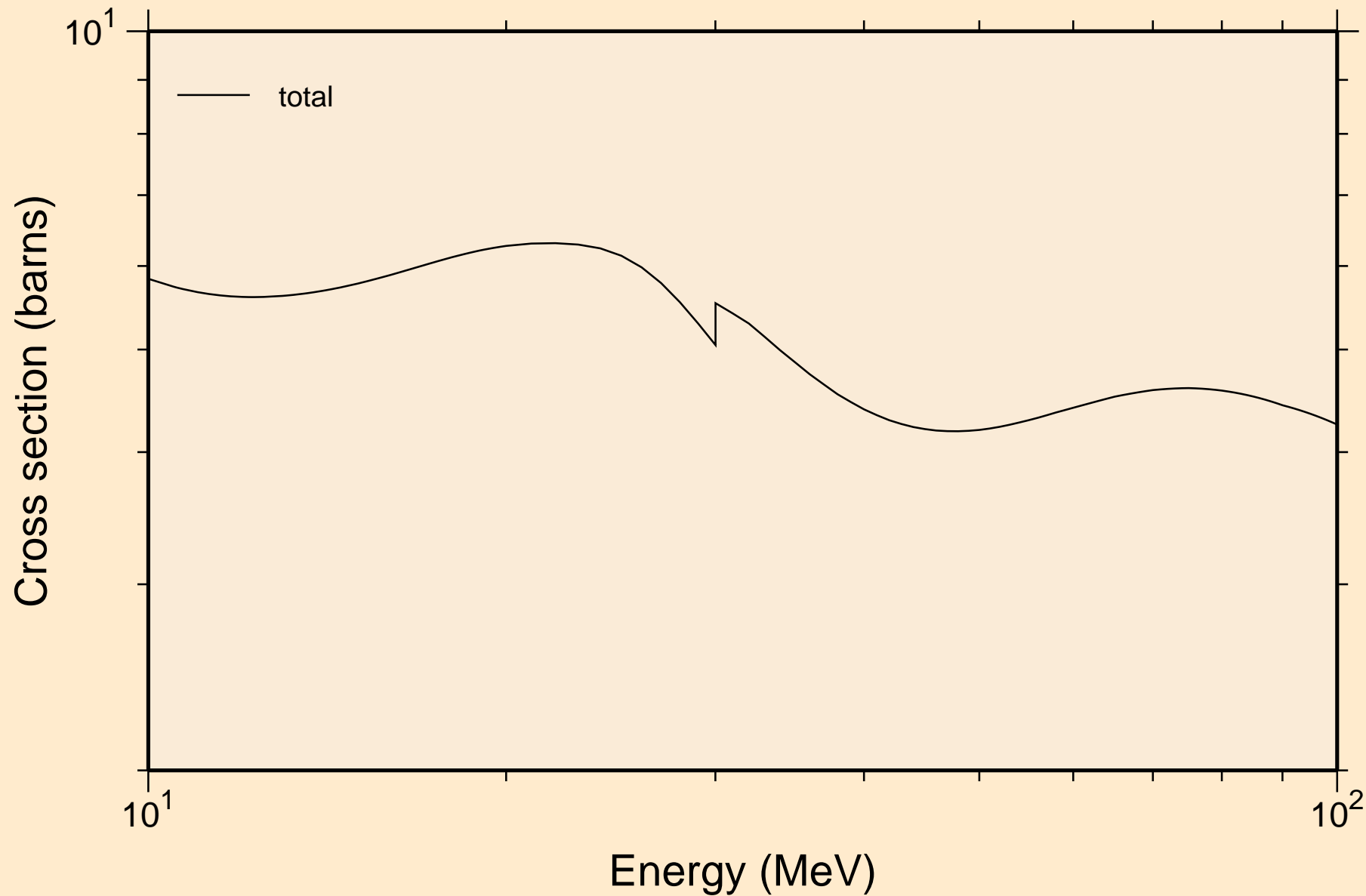
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



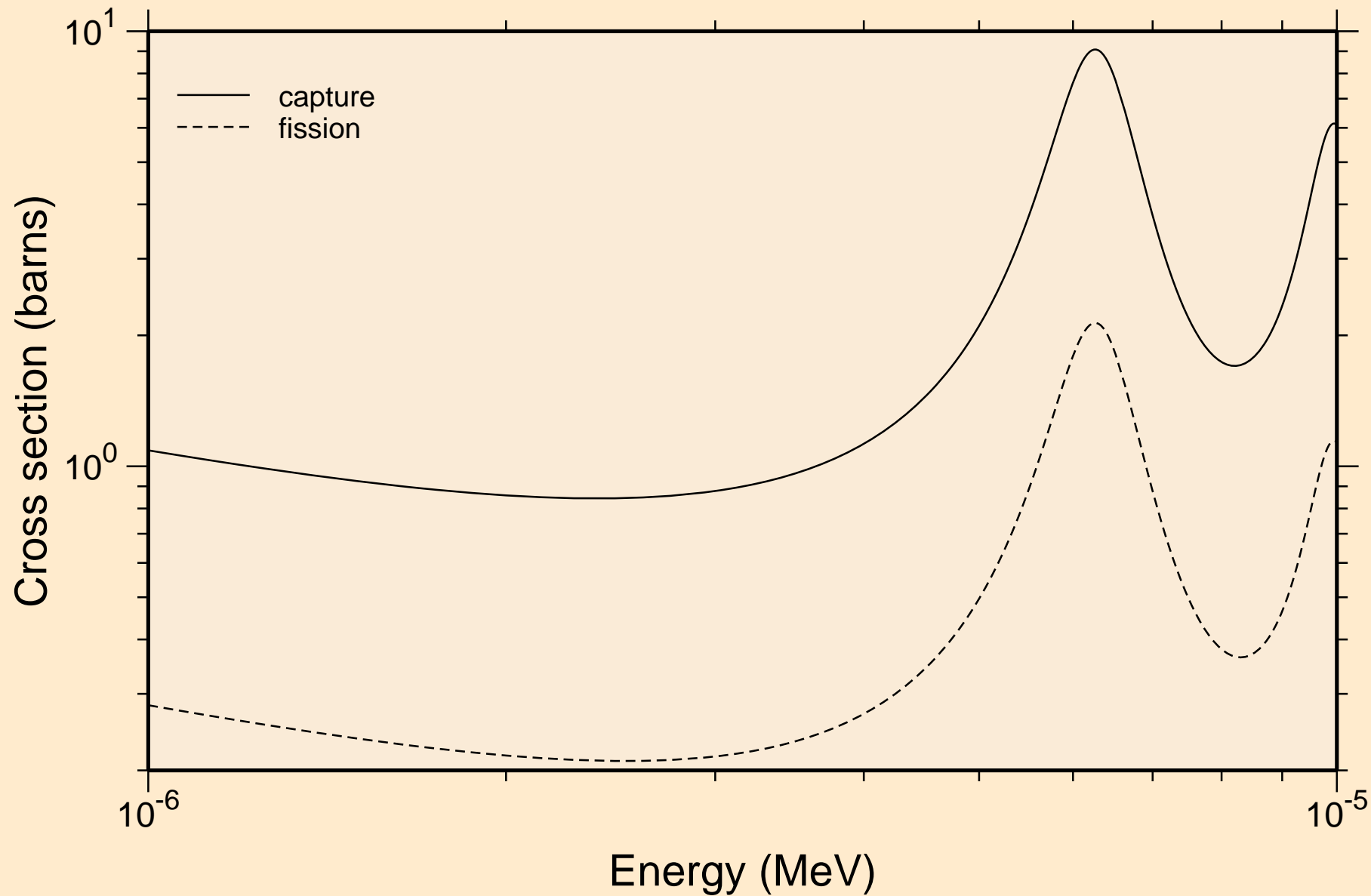
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



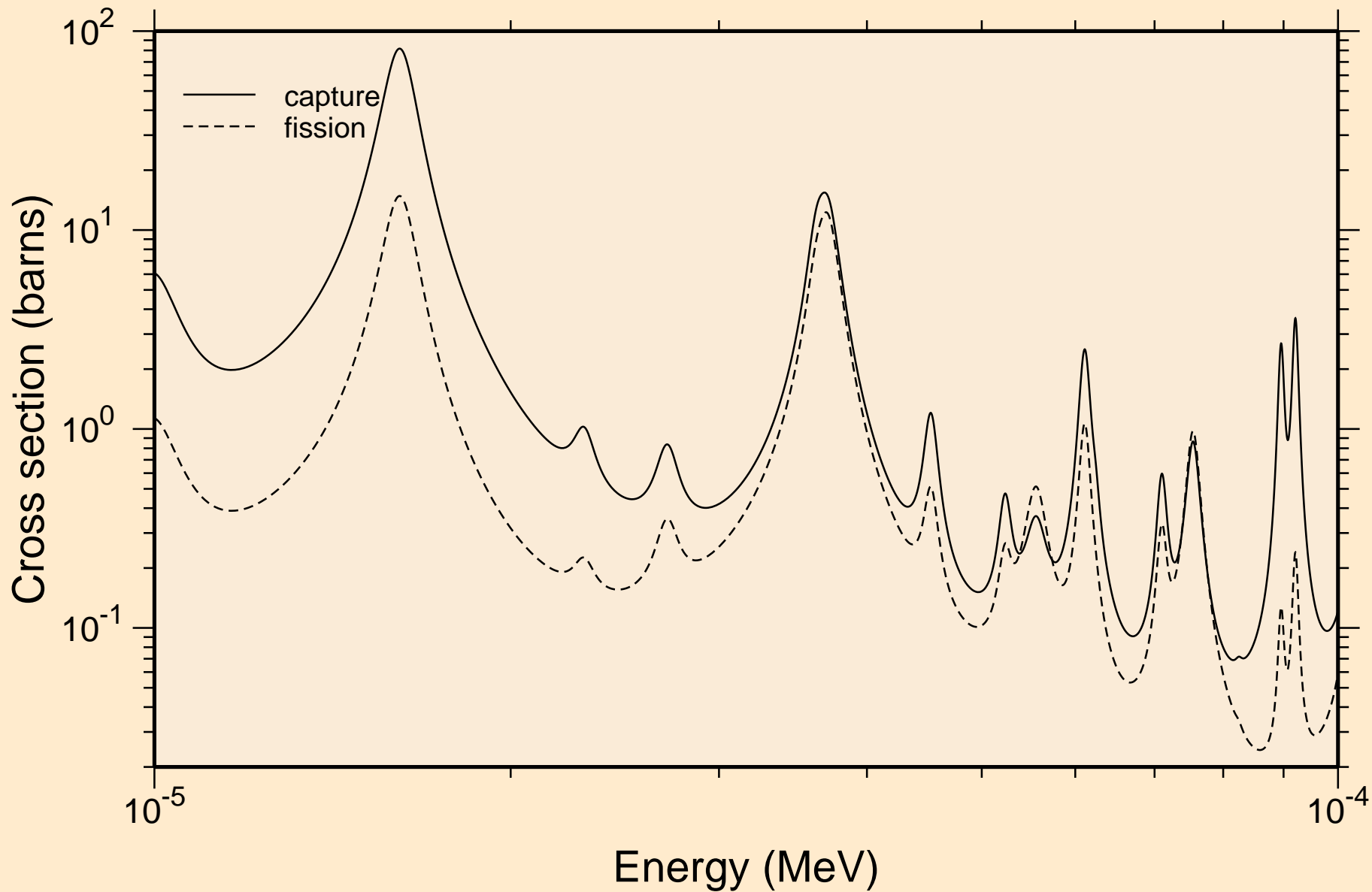
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



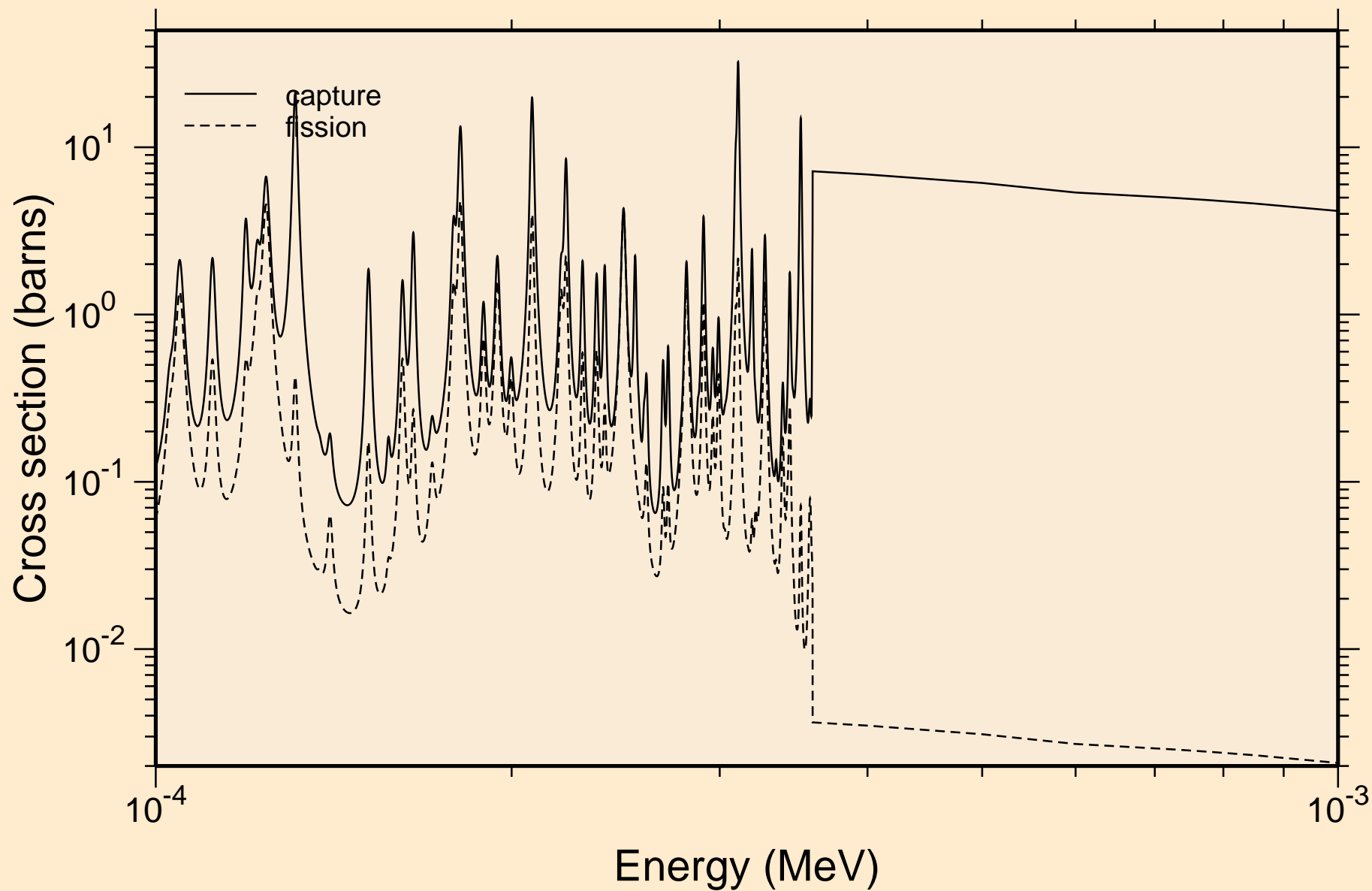
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

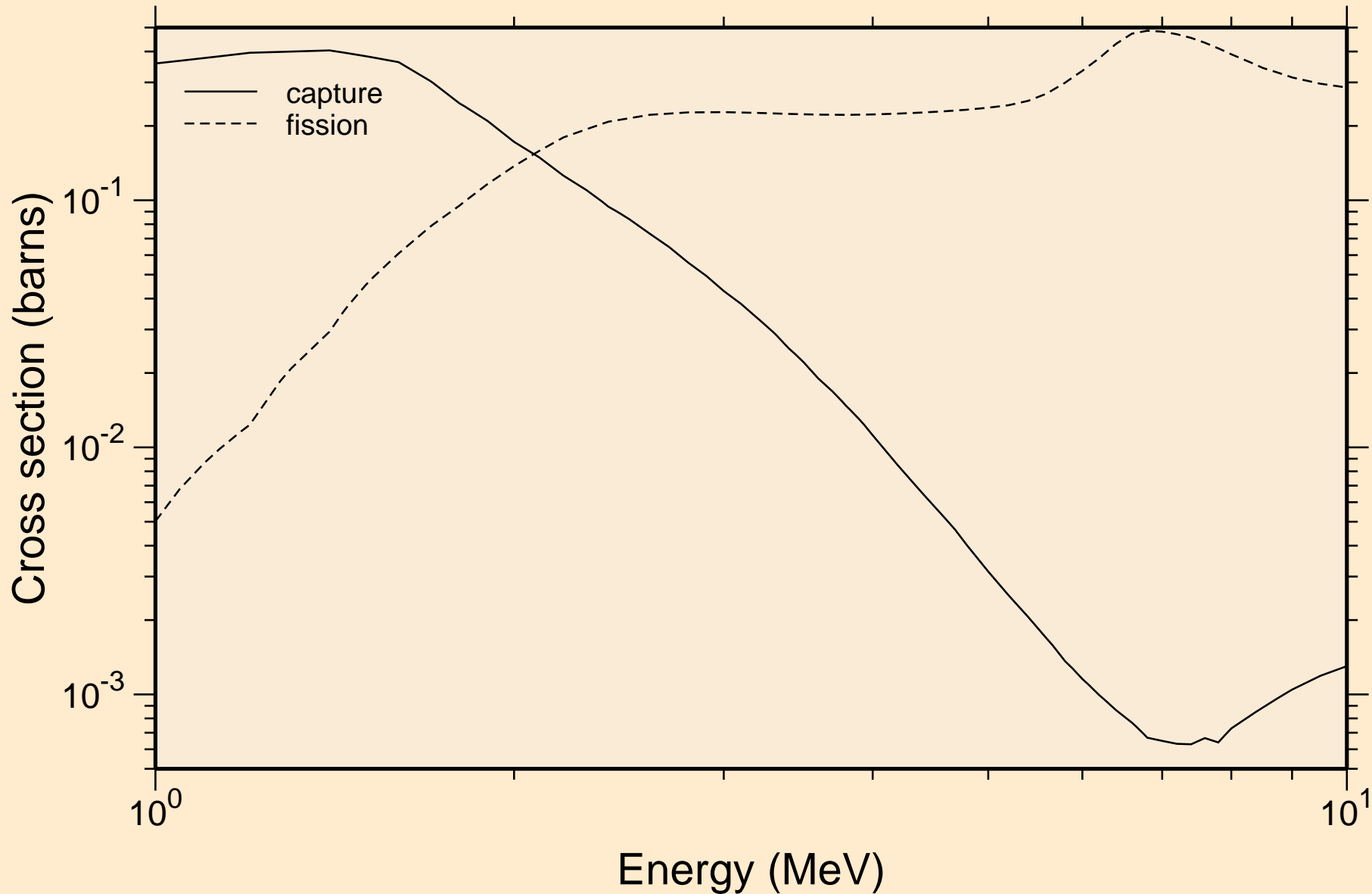


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

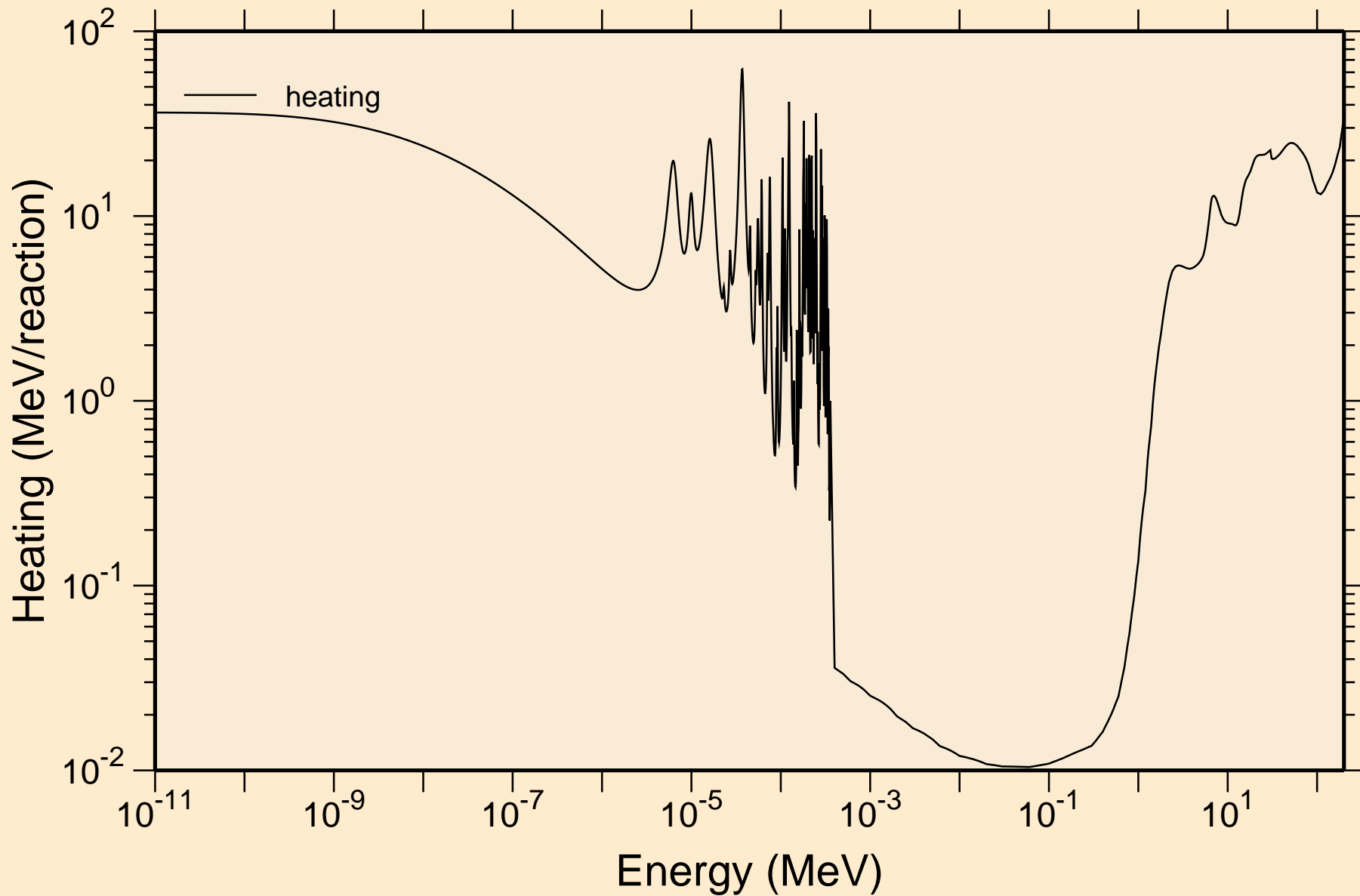




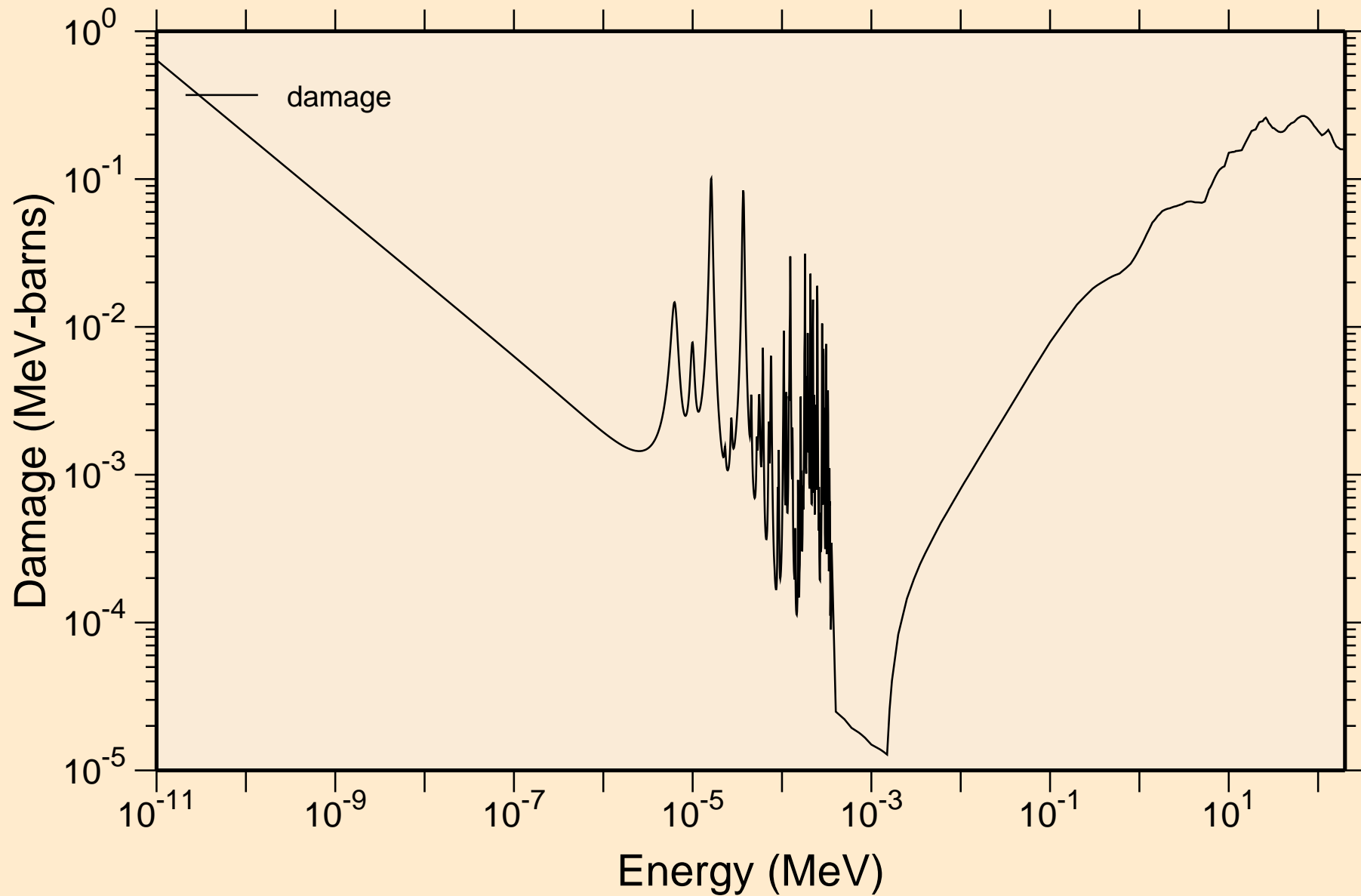
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



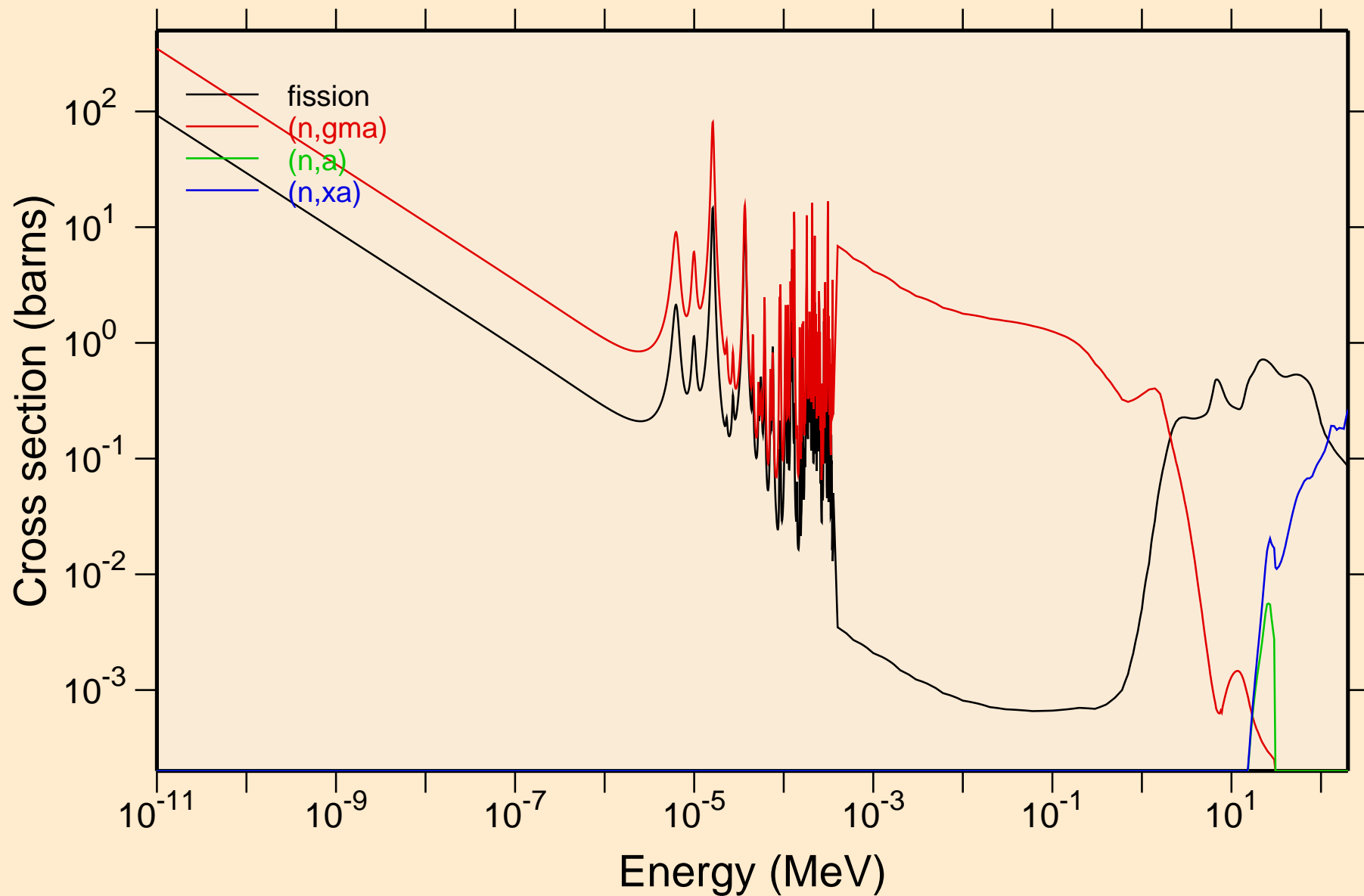
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

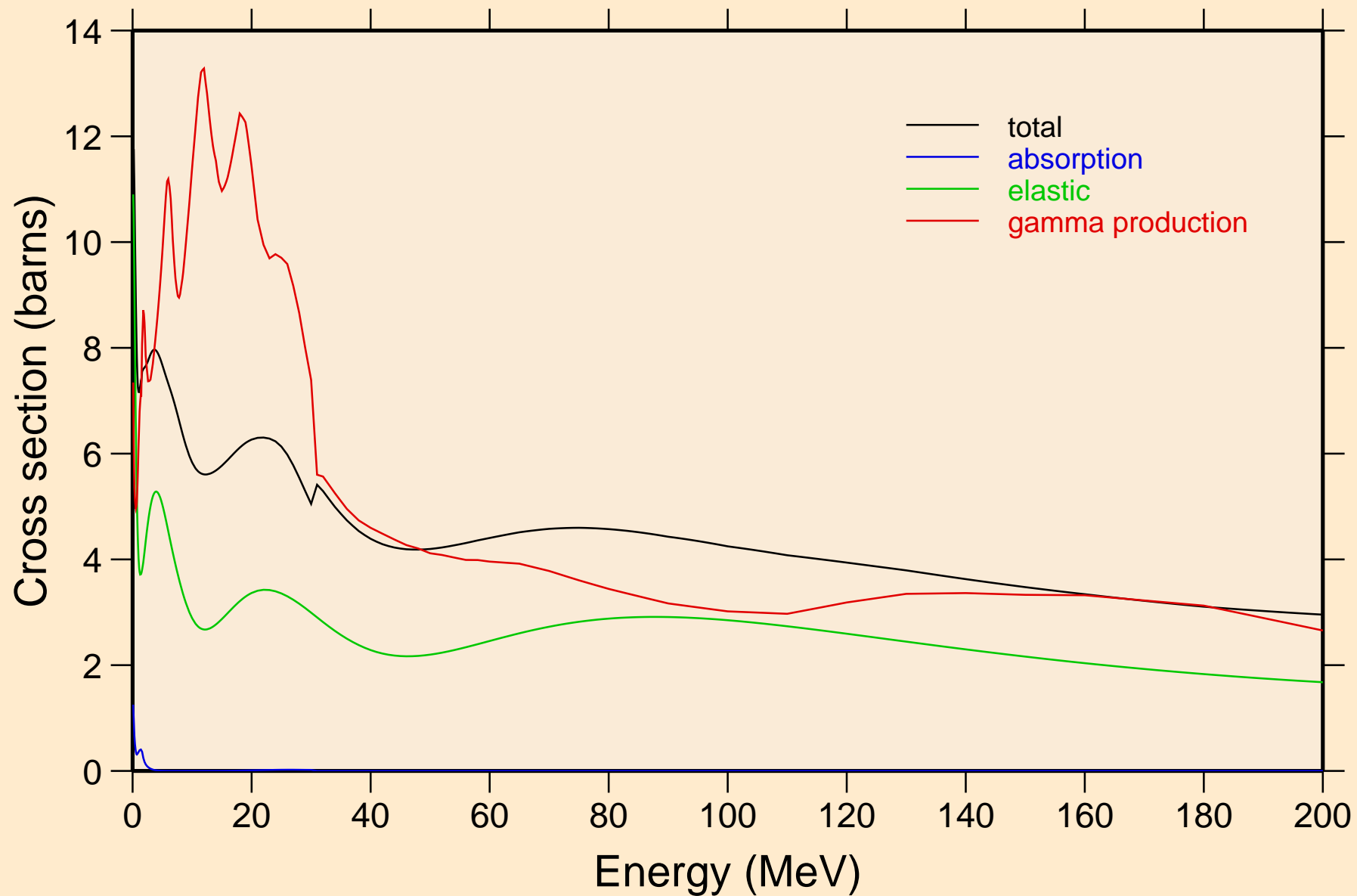


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

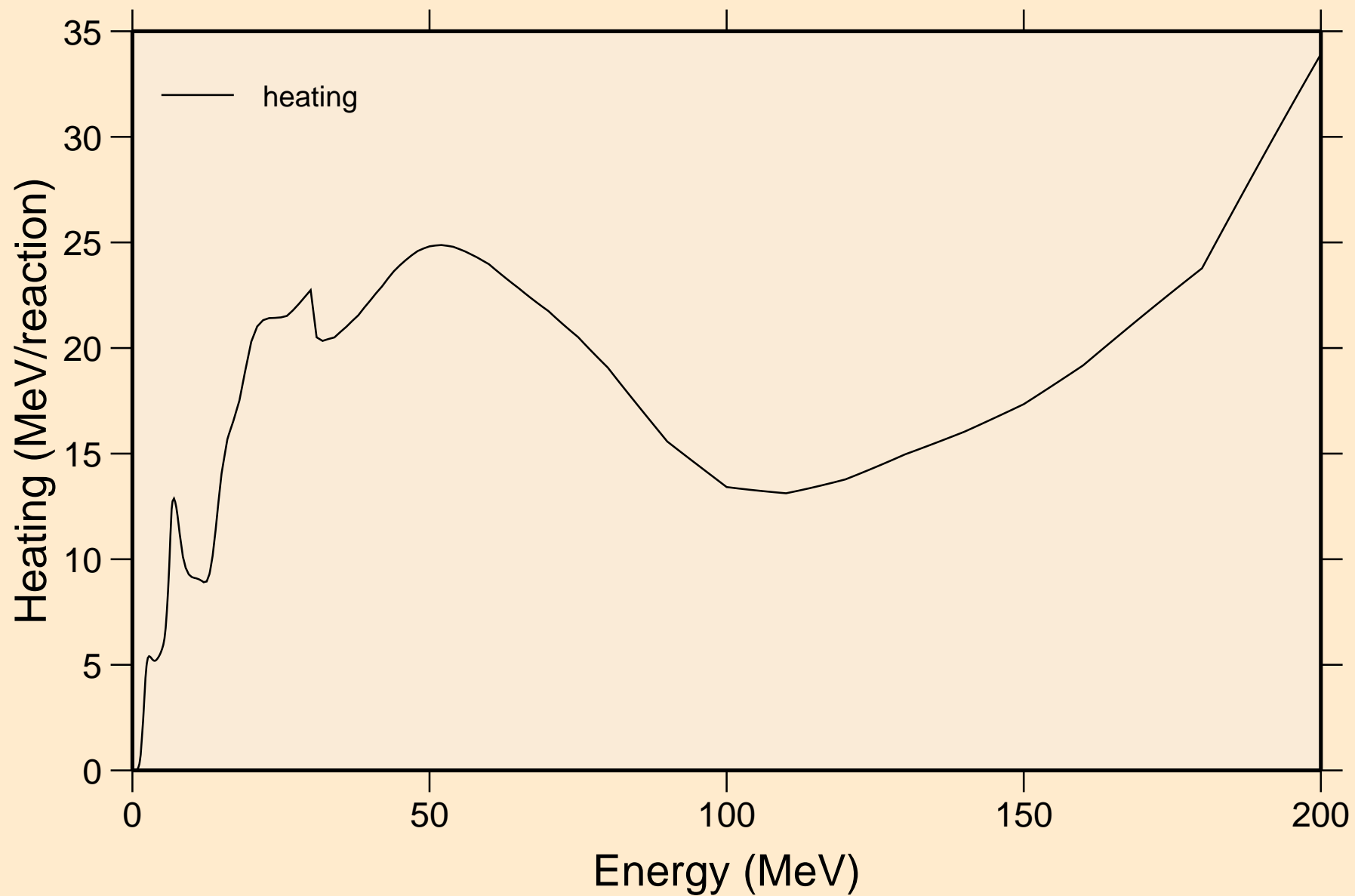


# NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

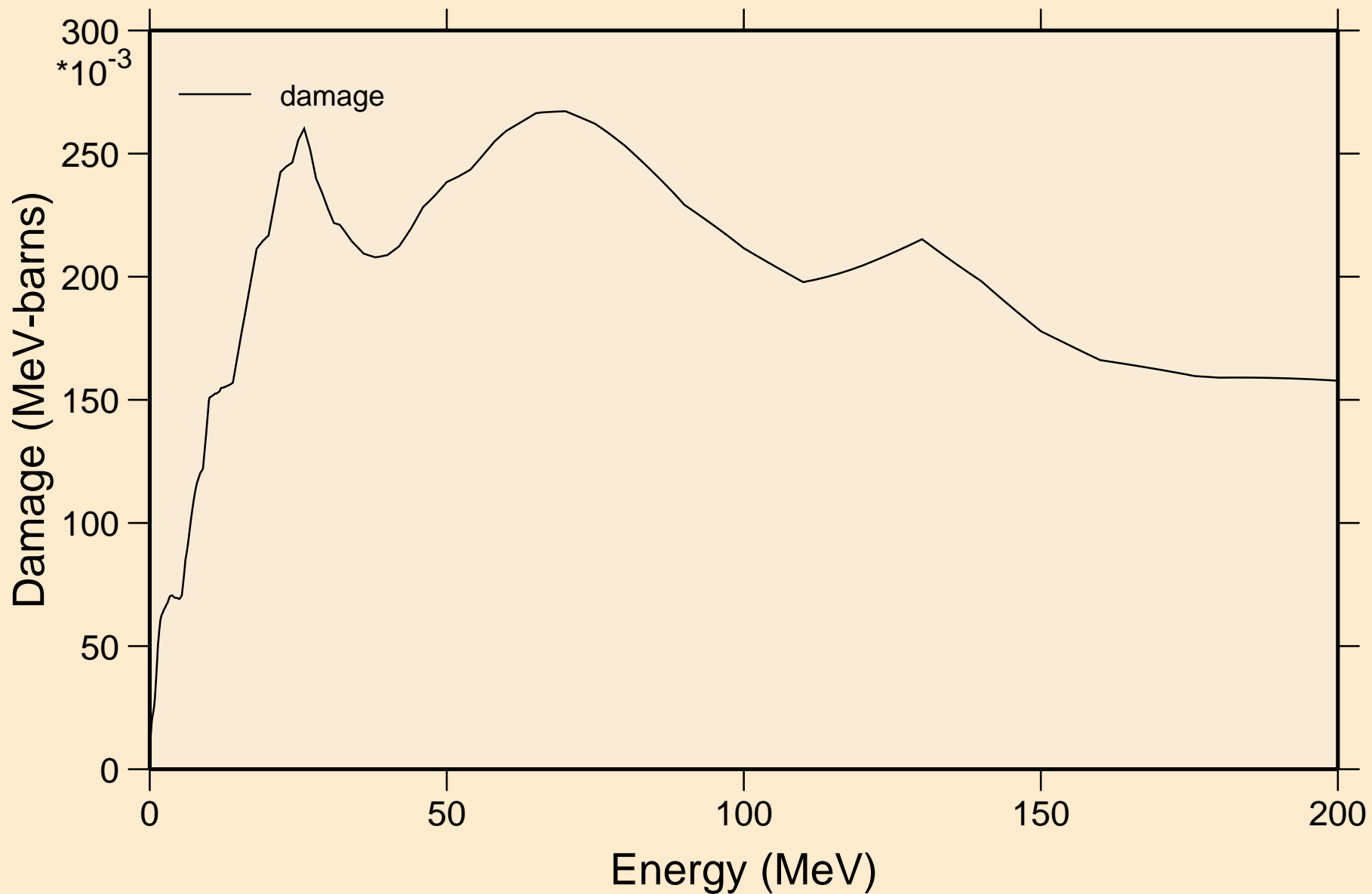
## Principal cross sections



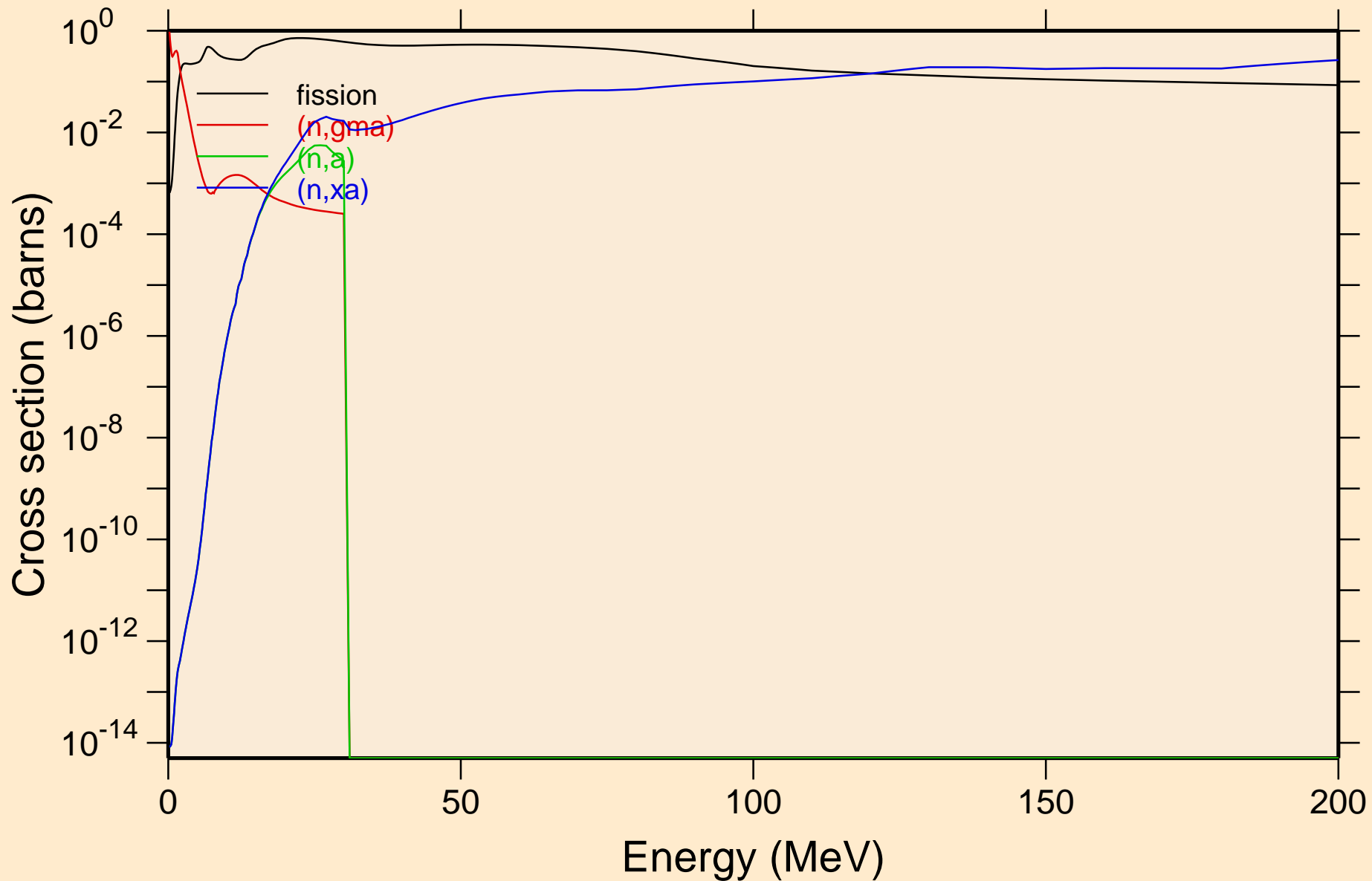
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

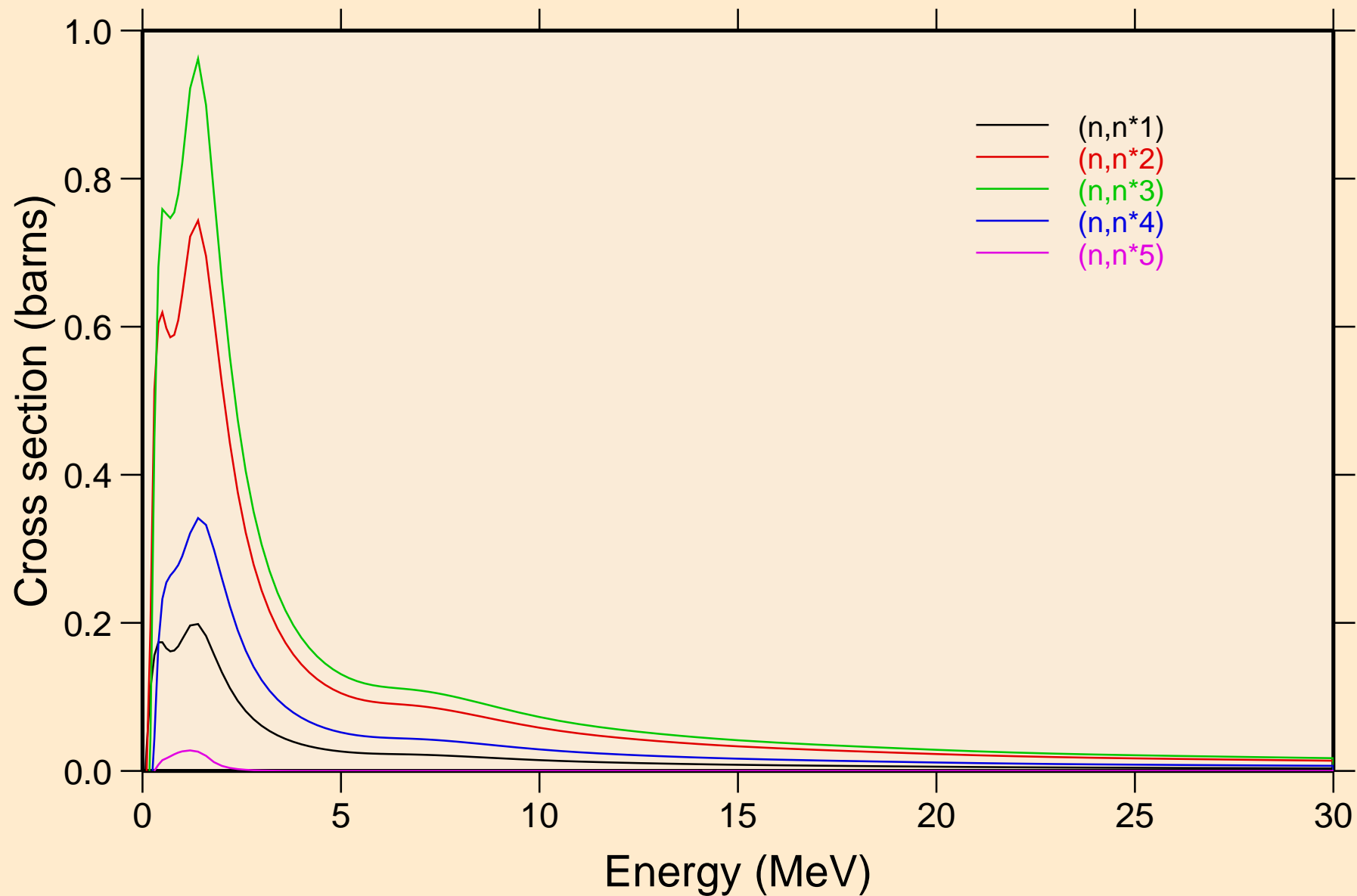


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

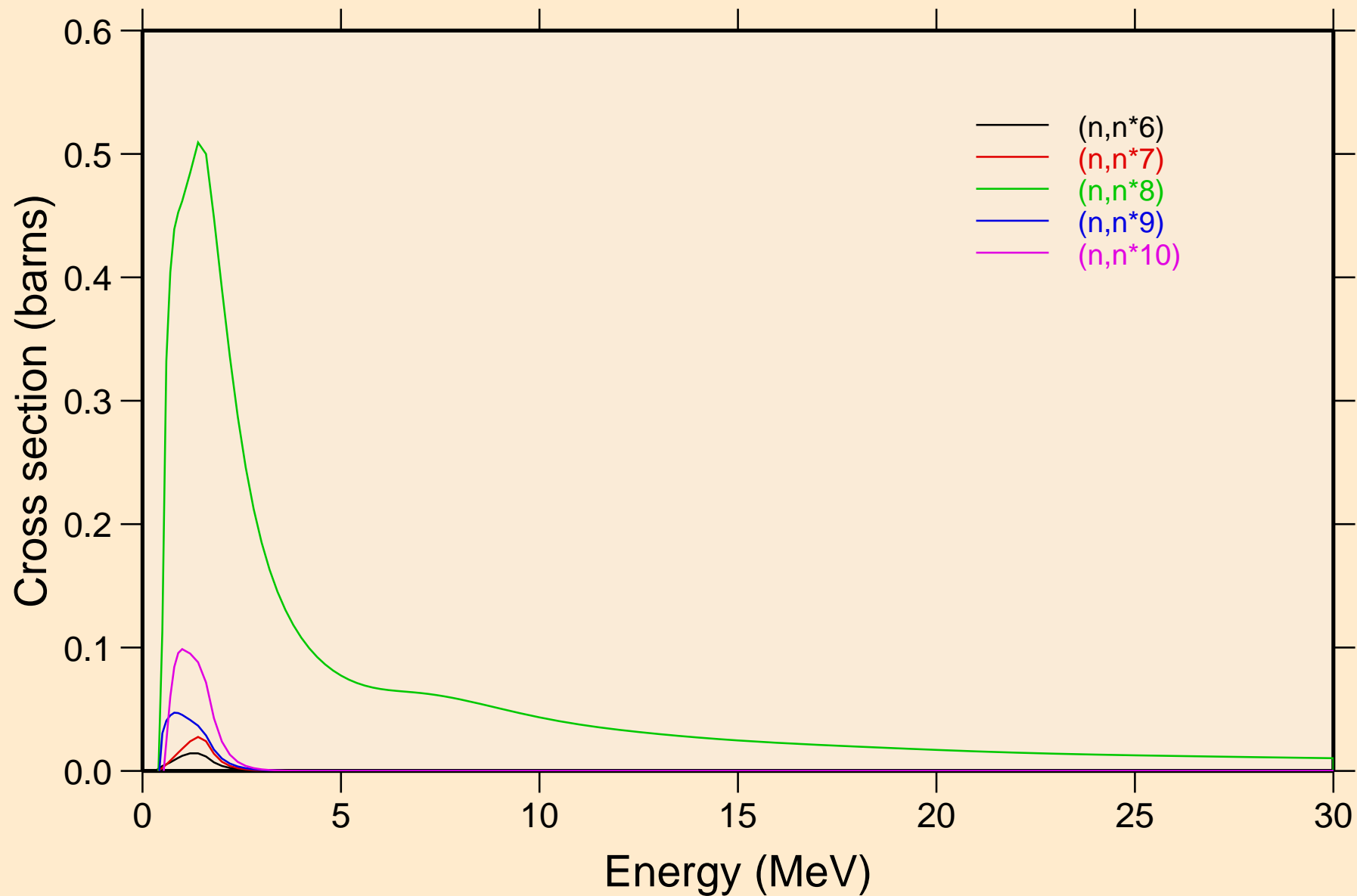




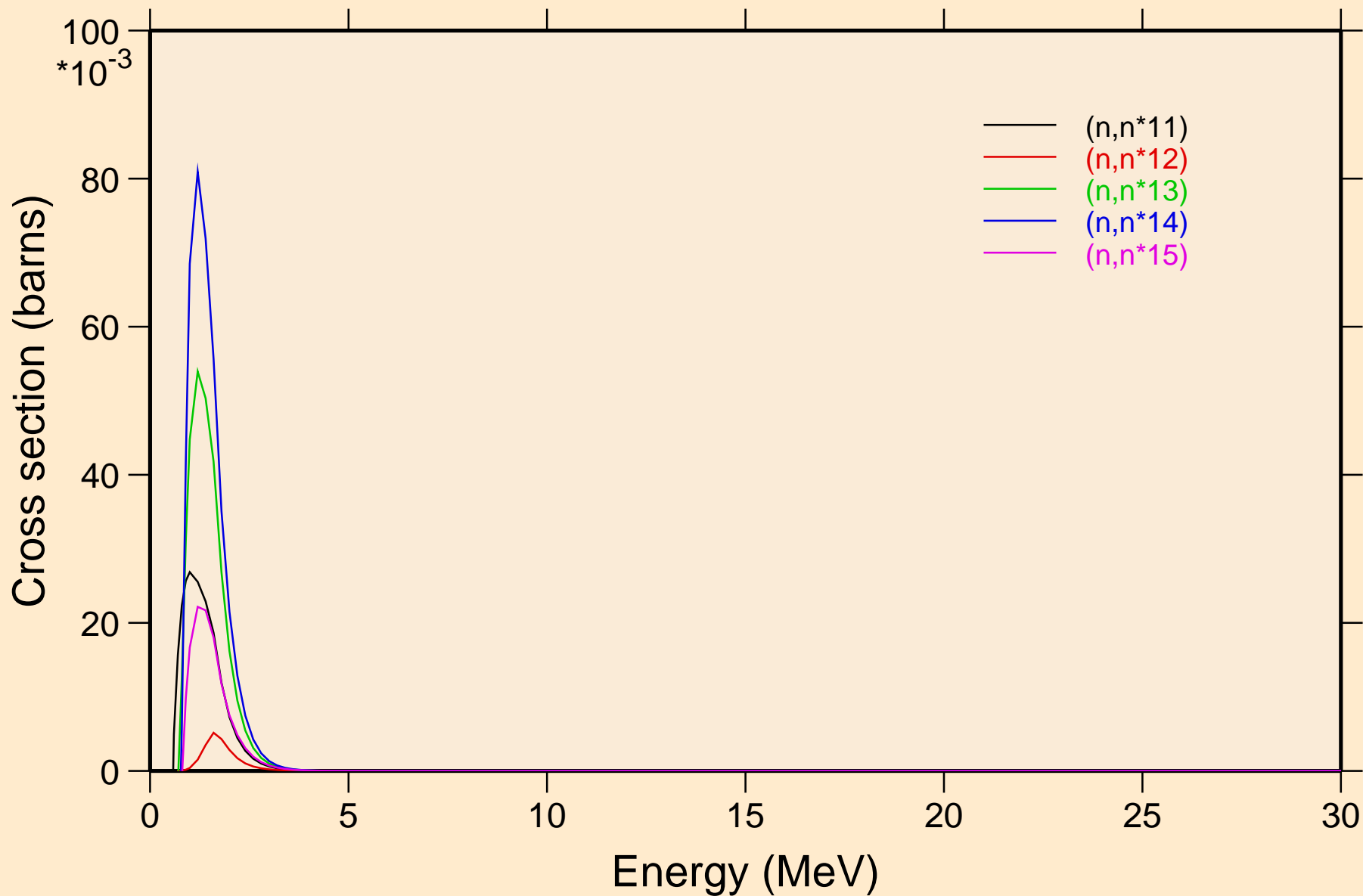
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



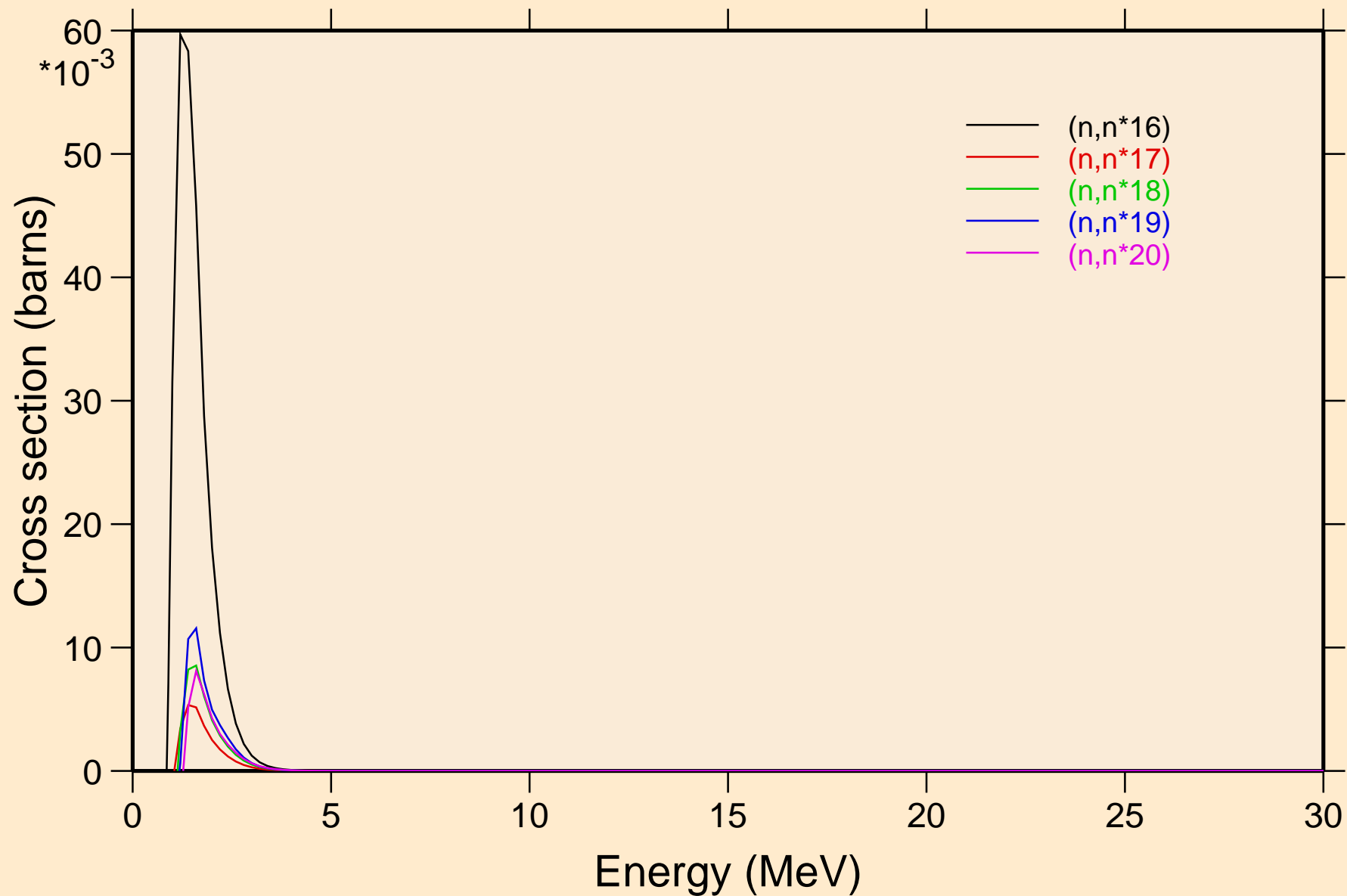
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



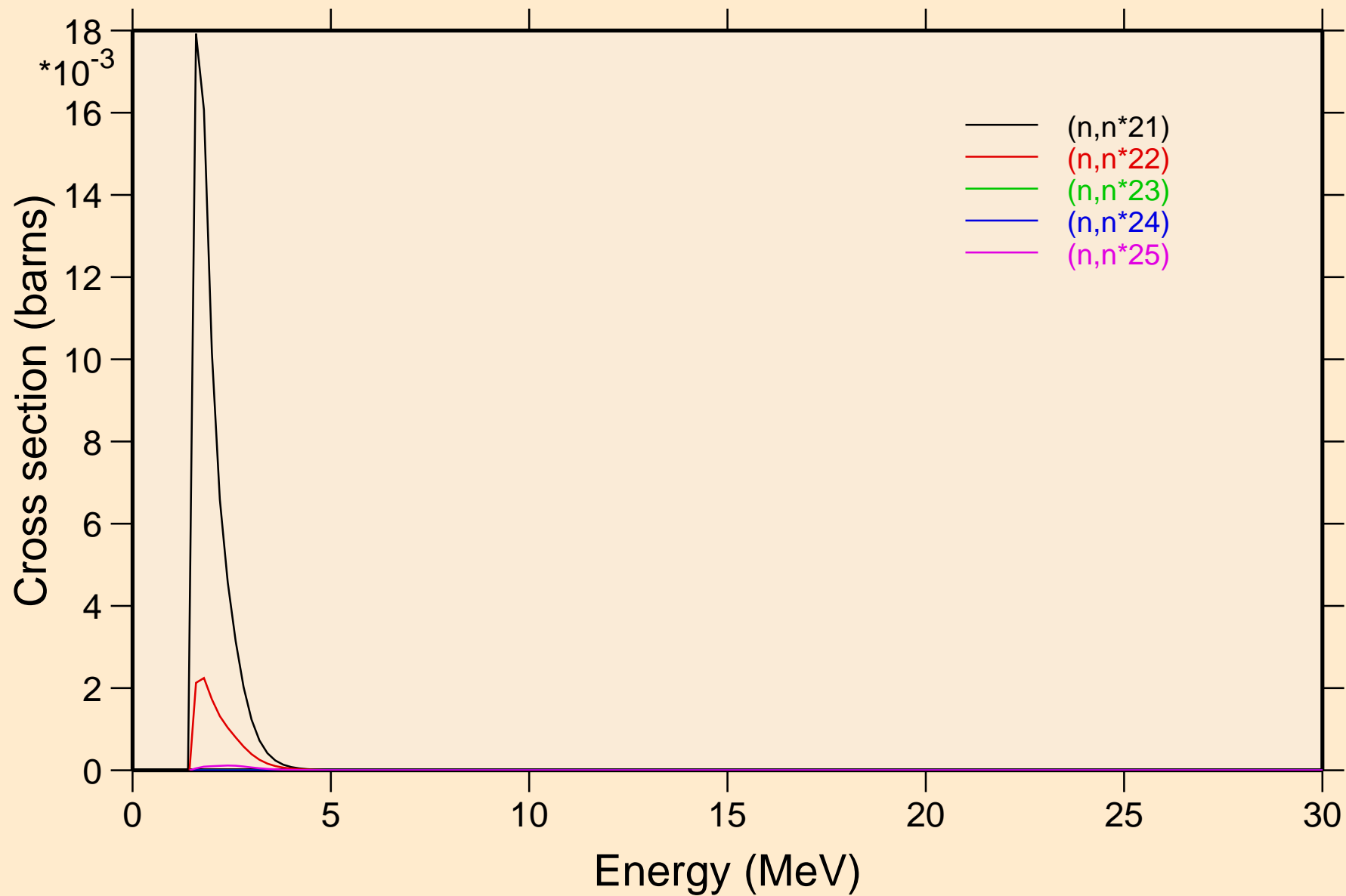
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



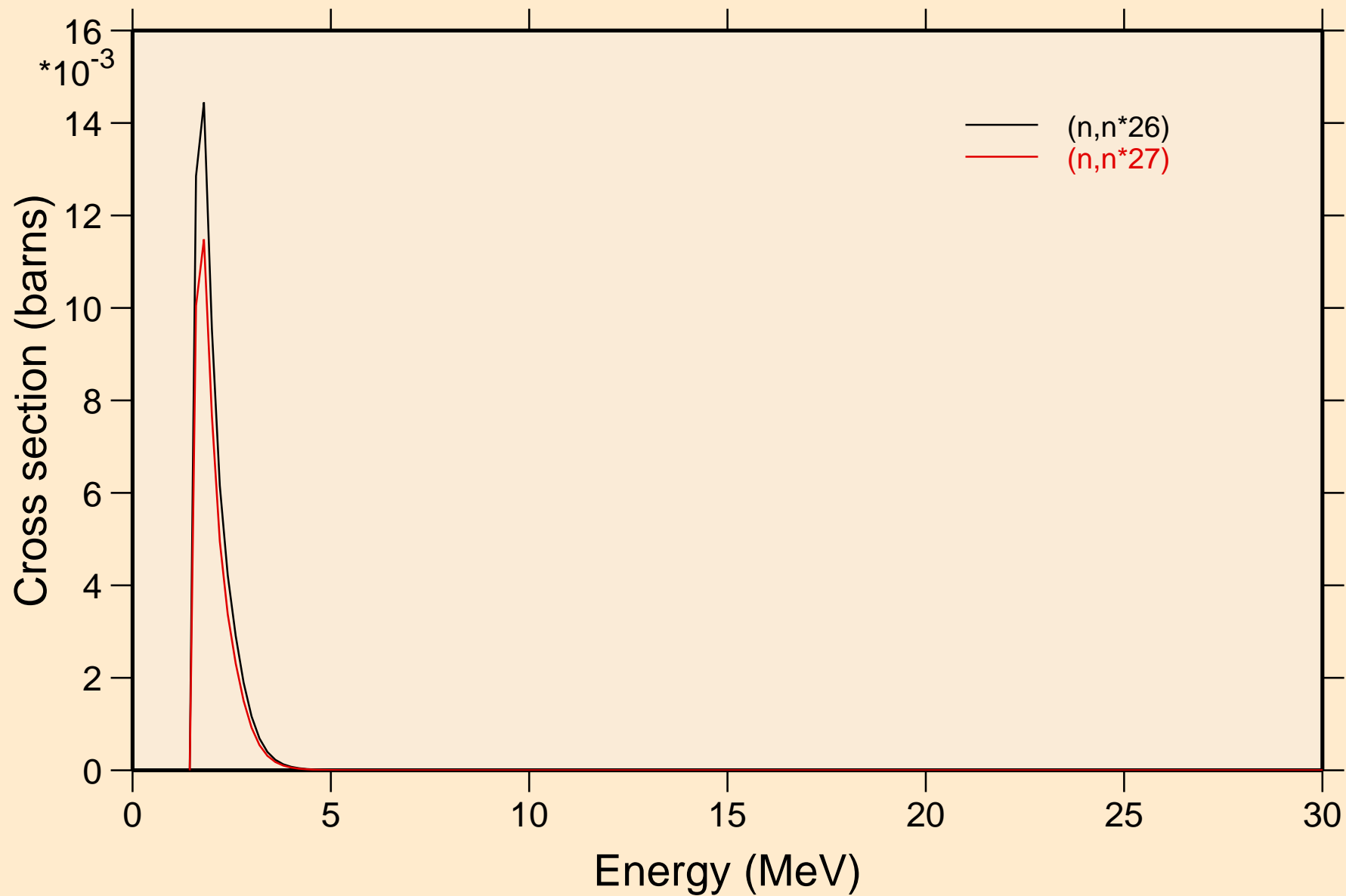
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



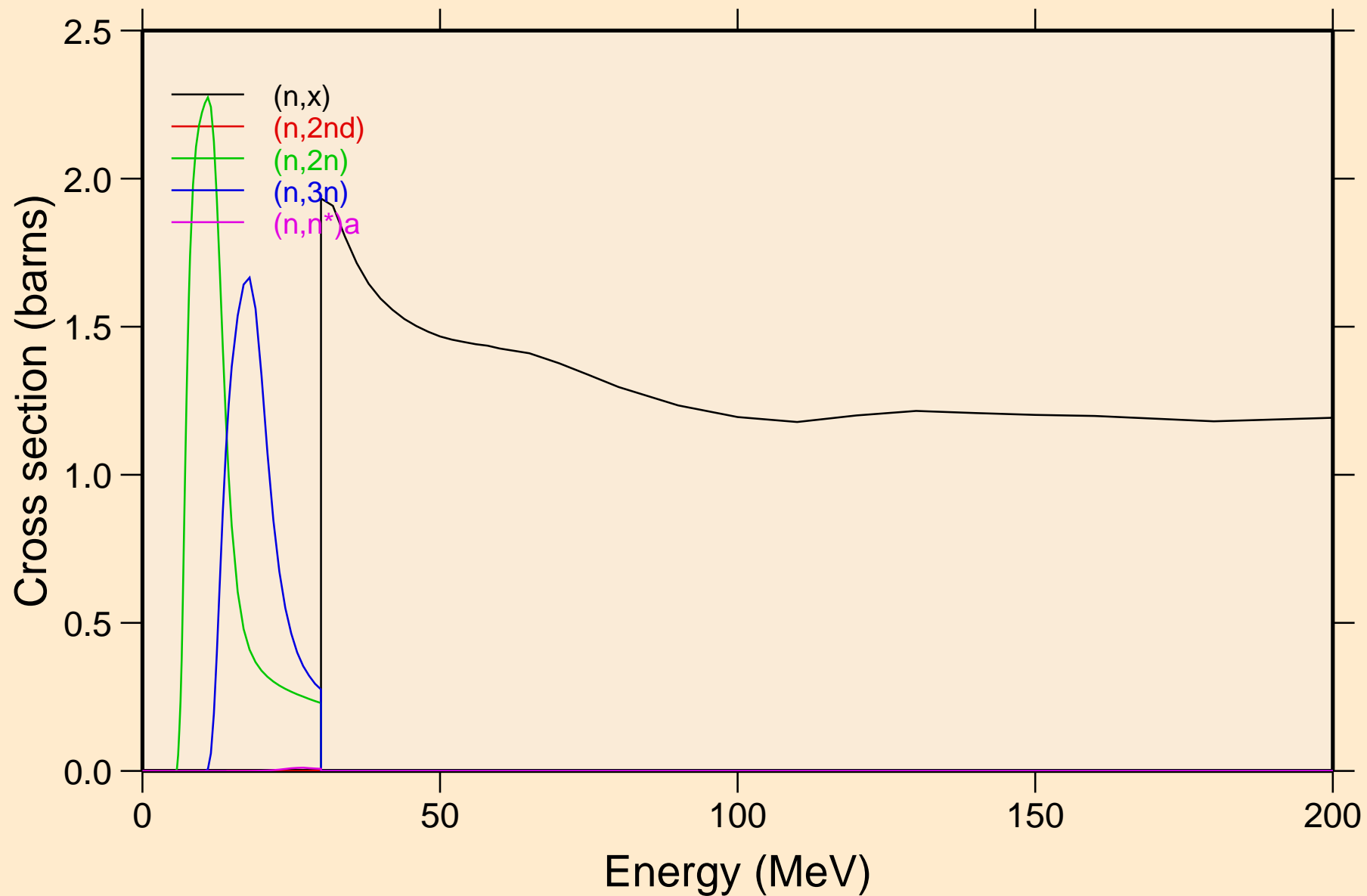
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



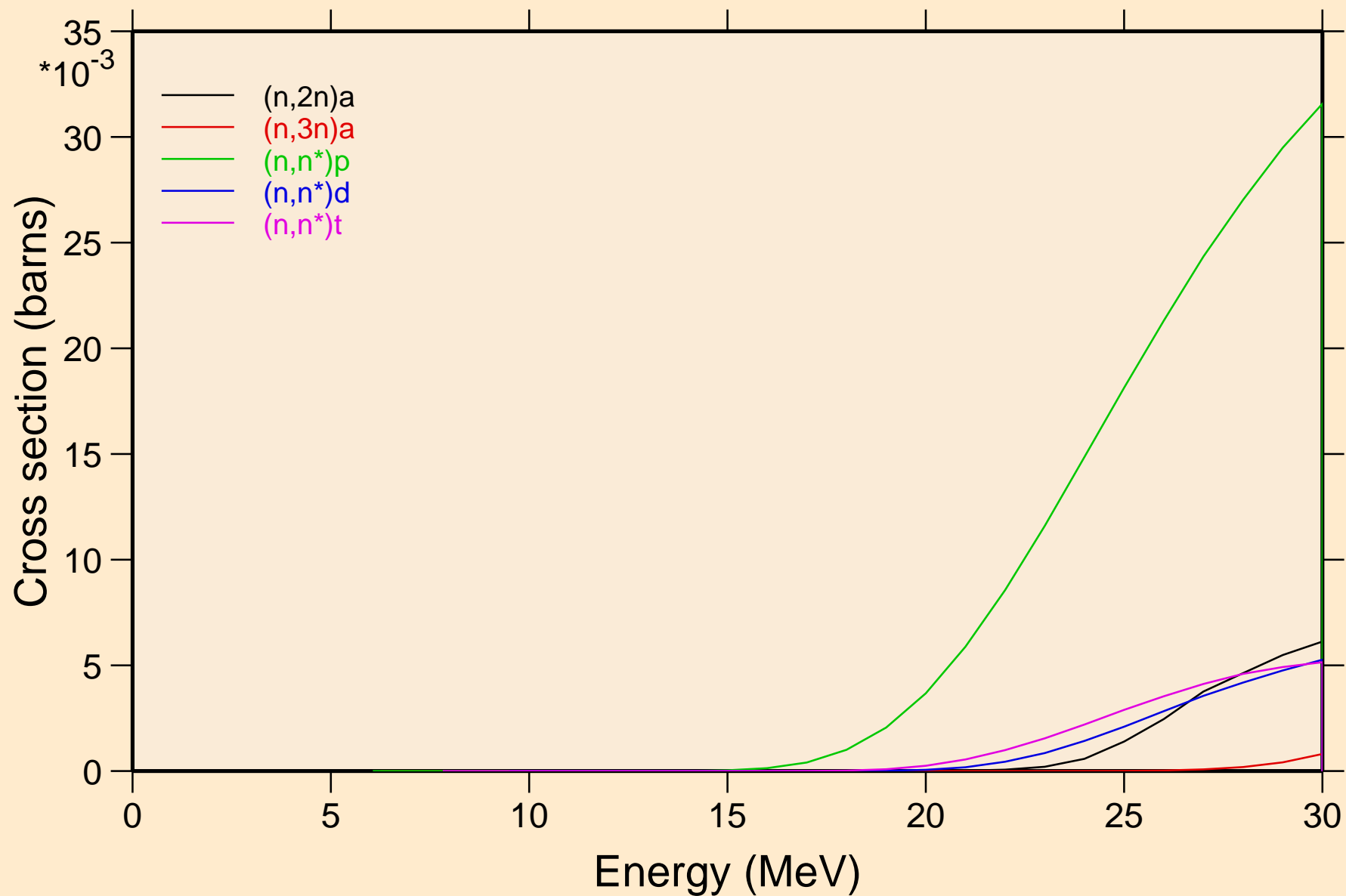
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

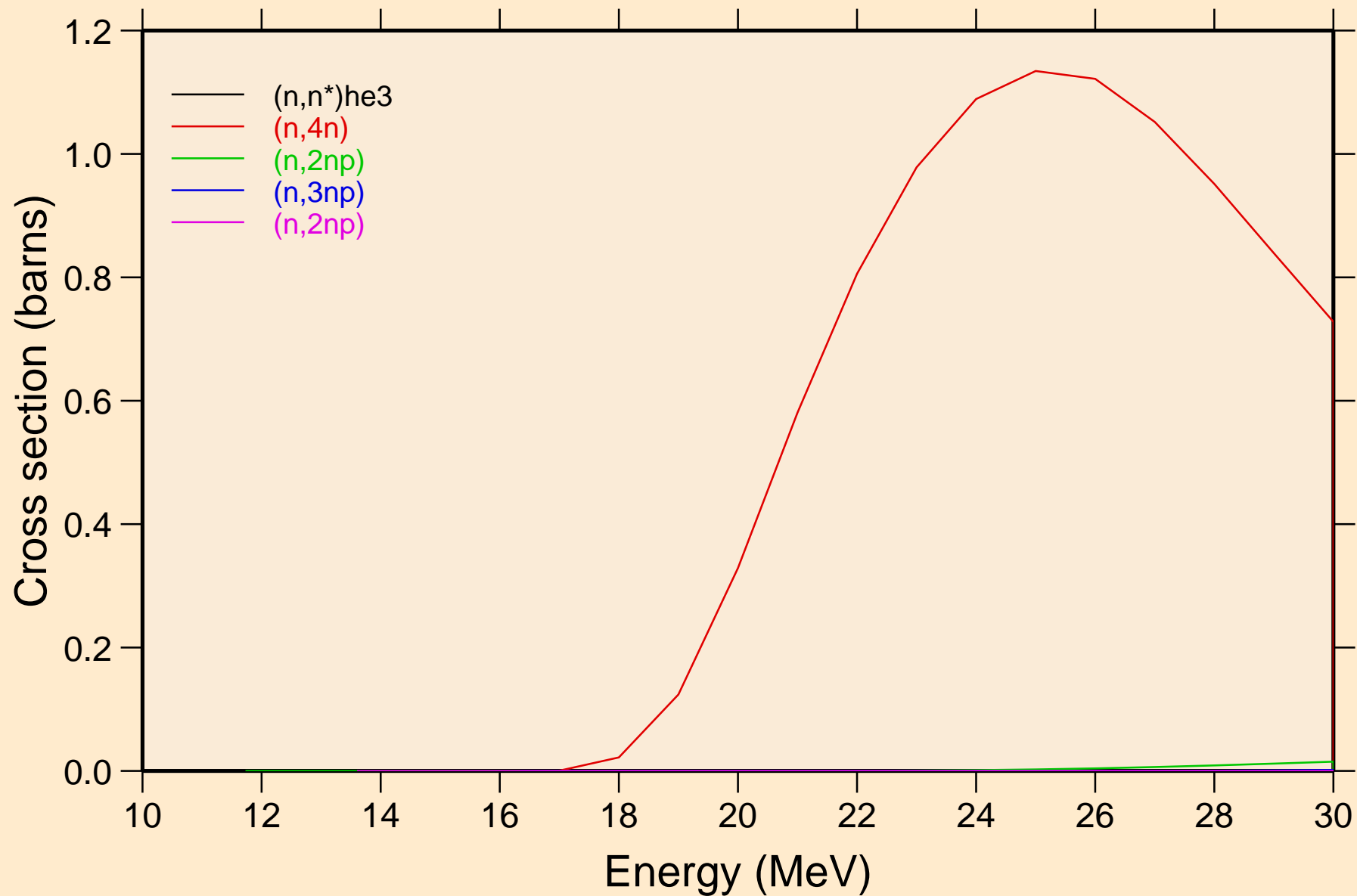


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

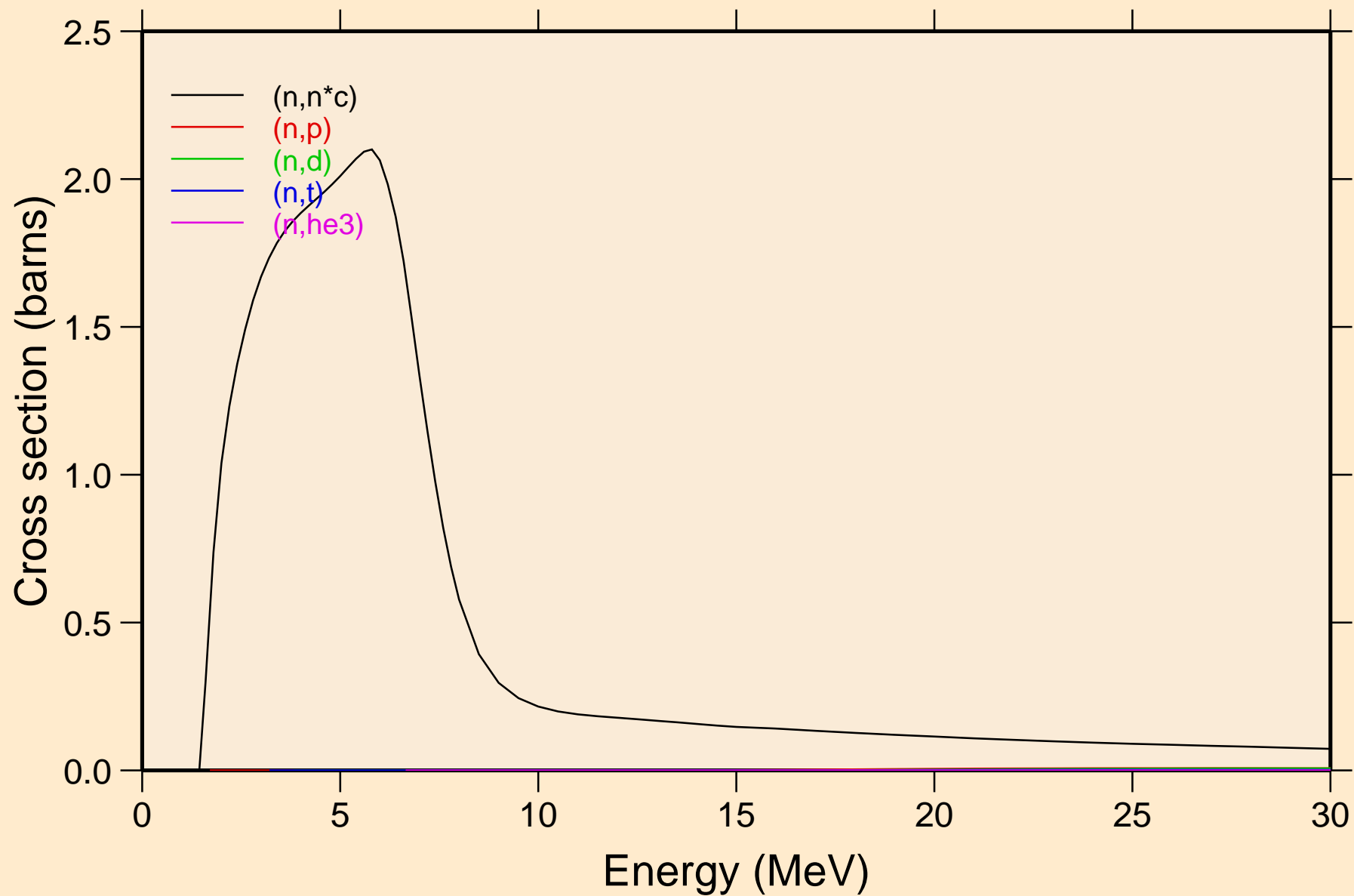




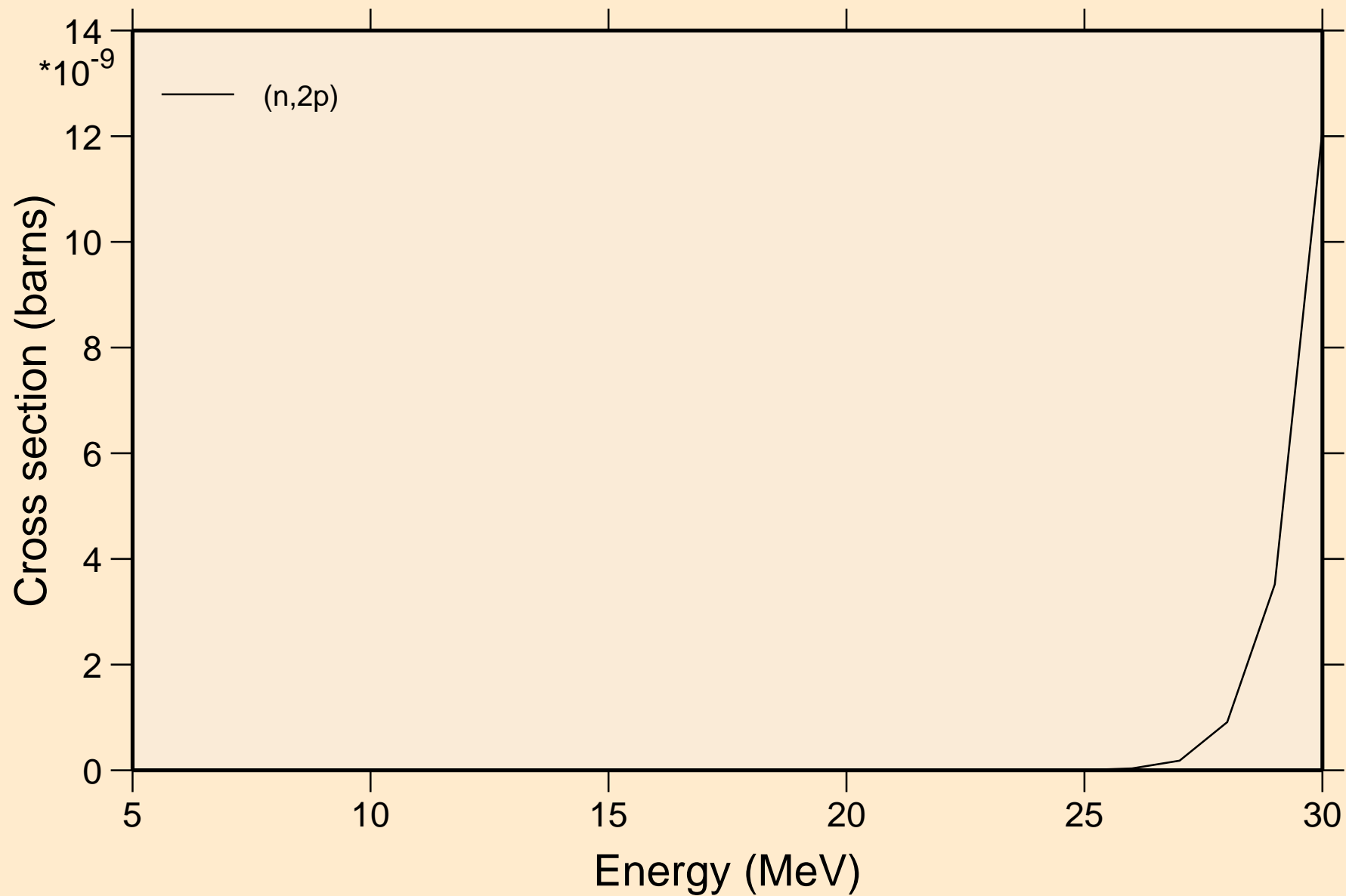
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



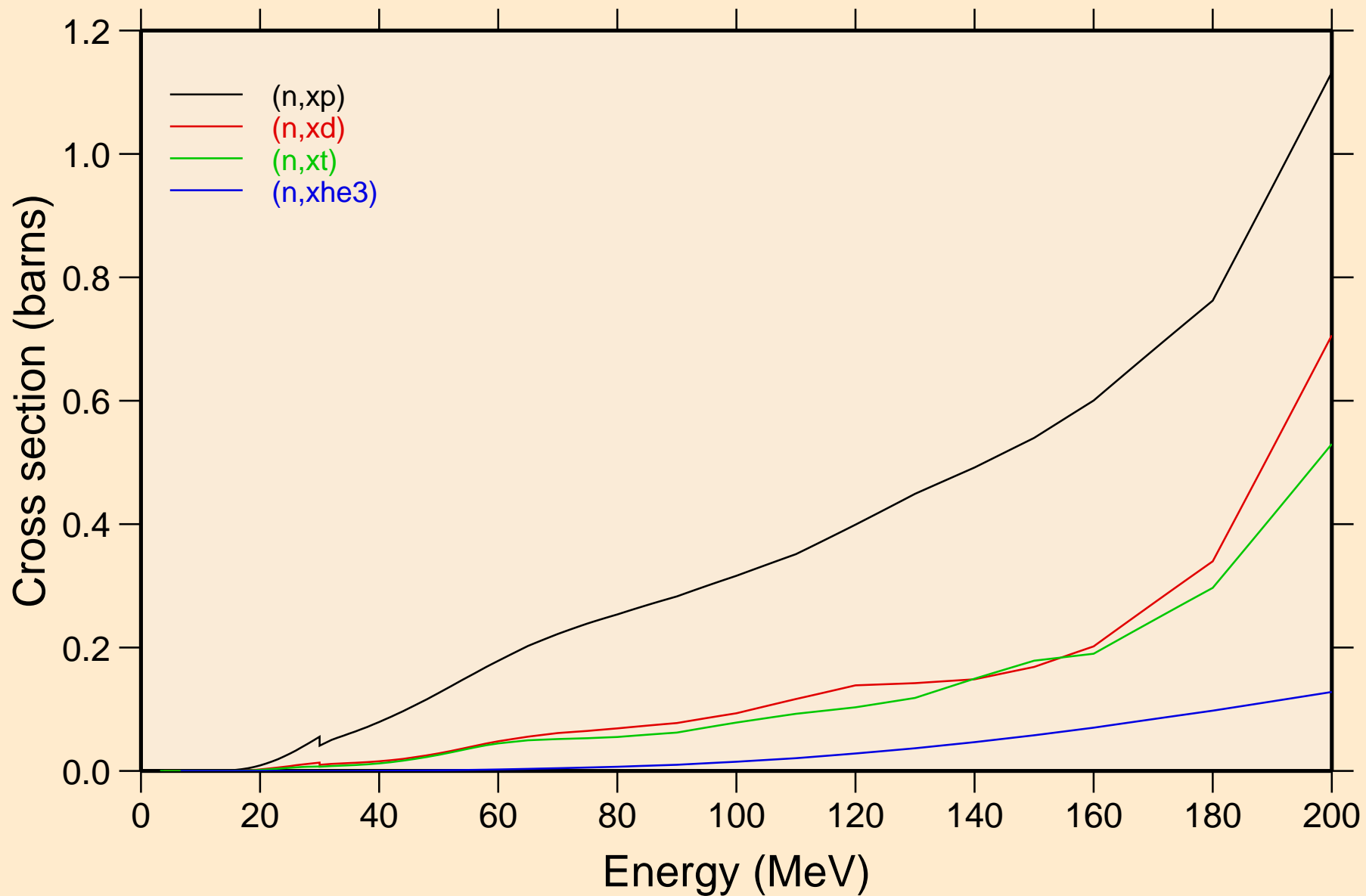
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



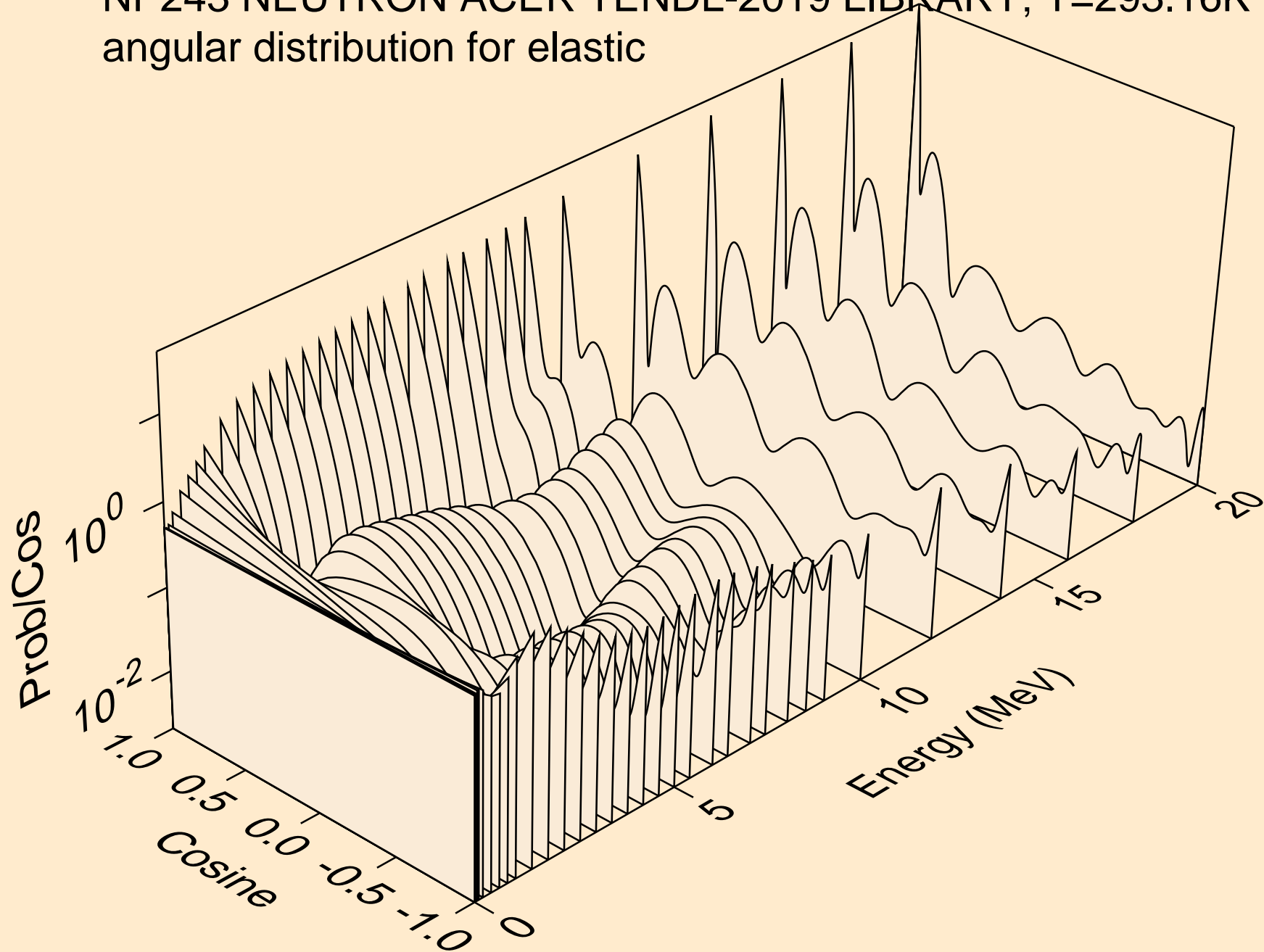
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



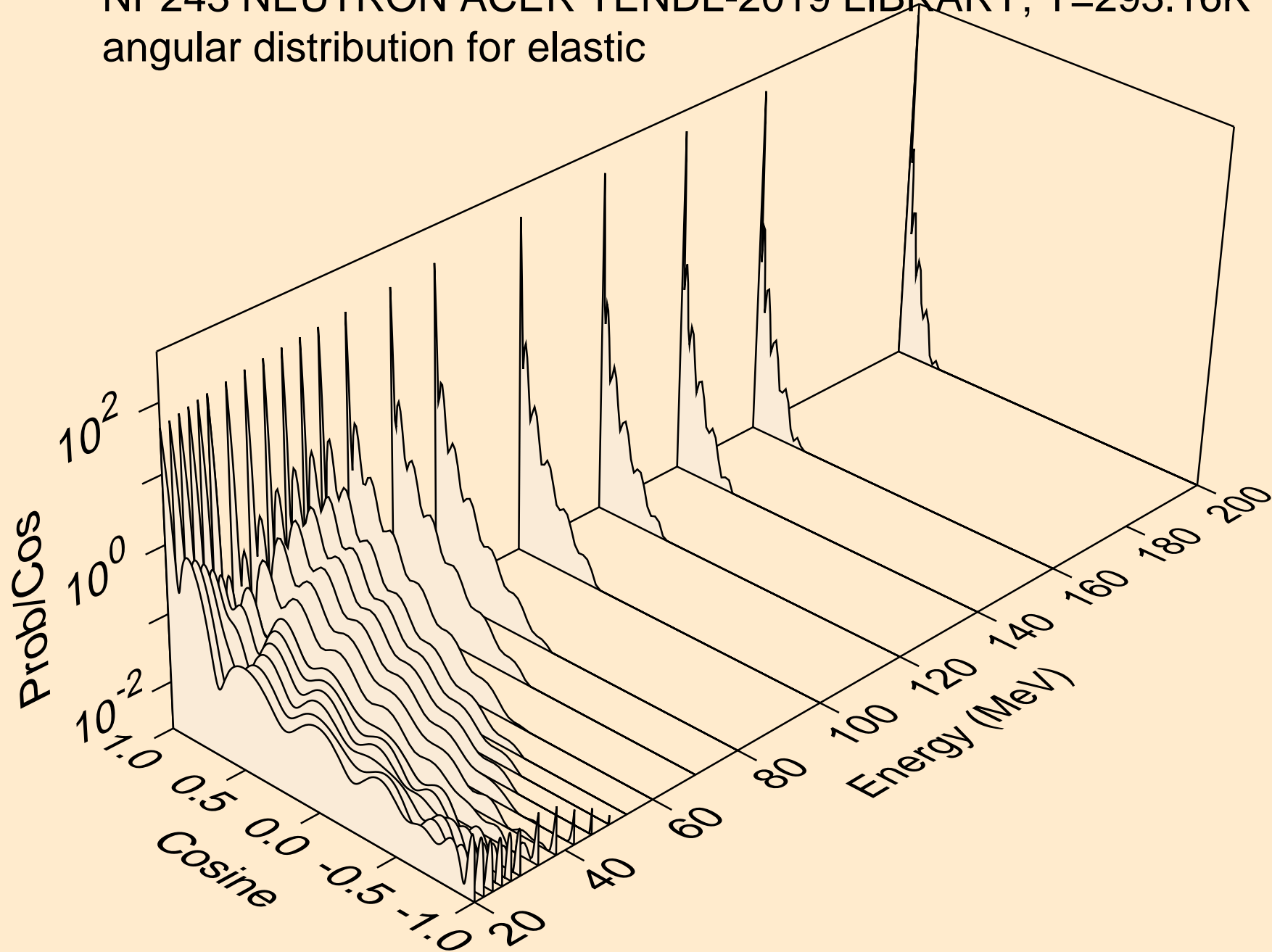
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



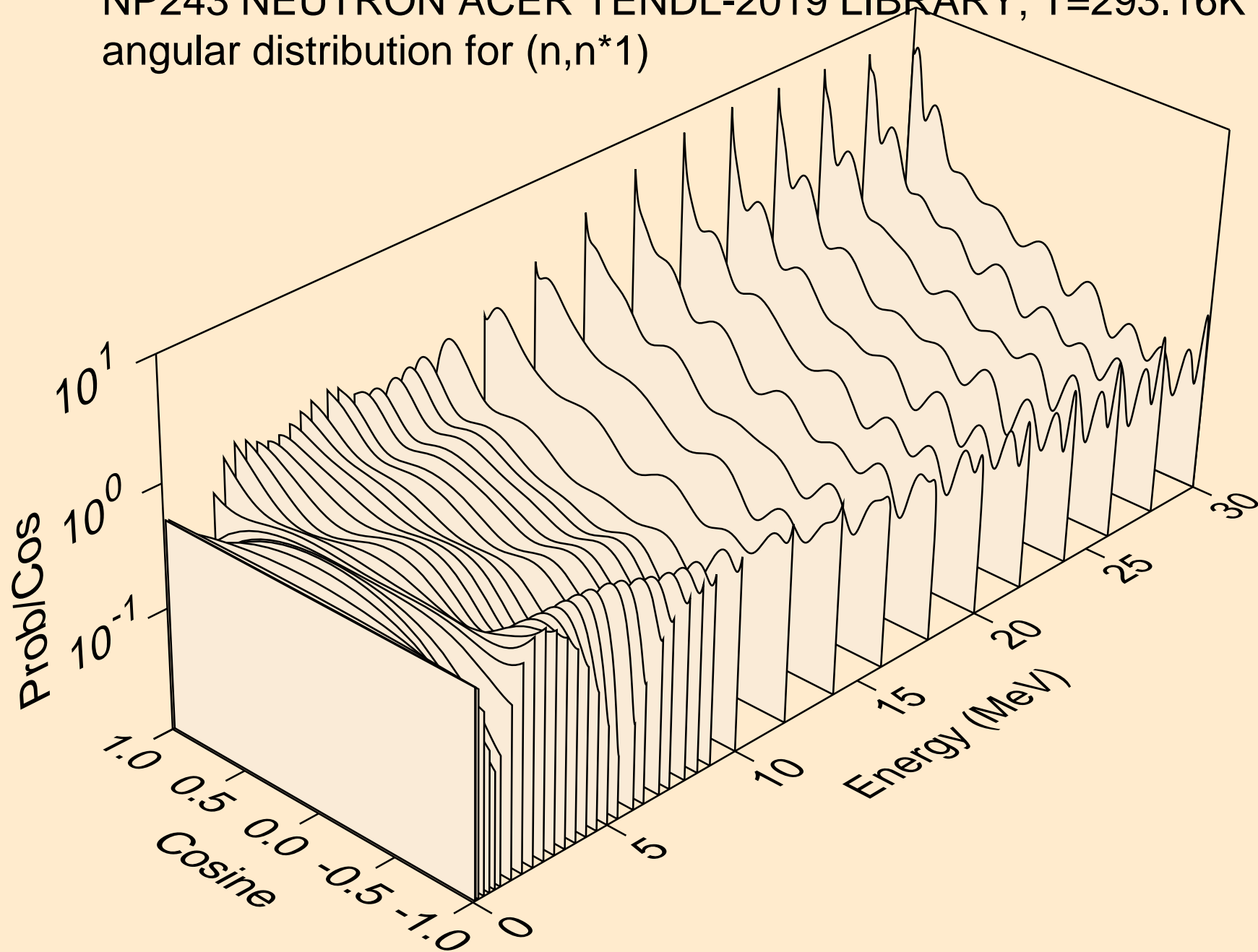
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



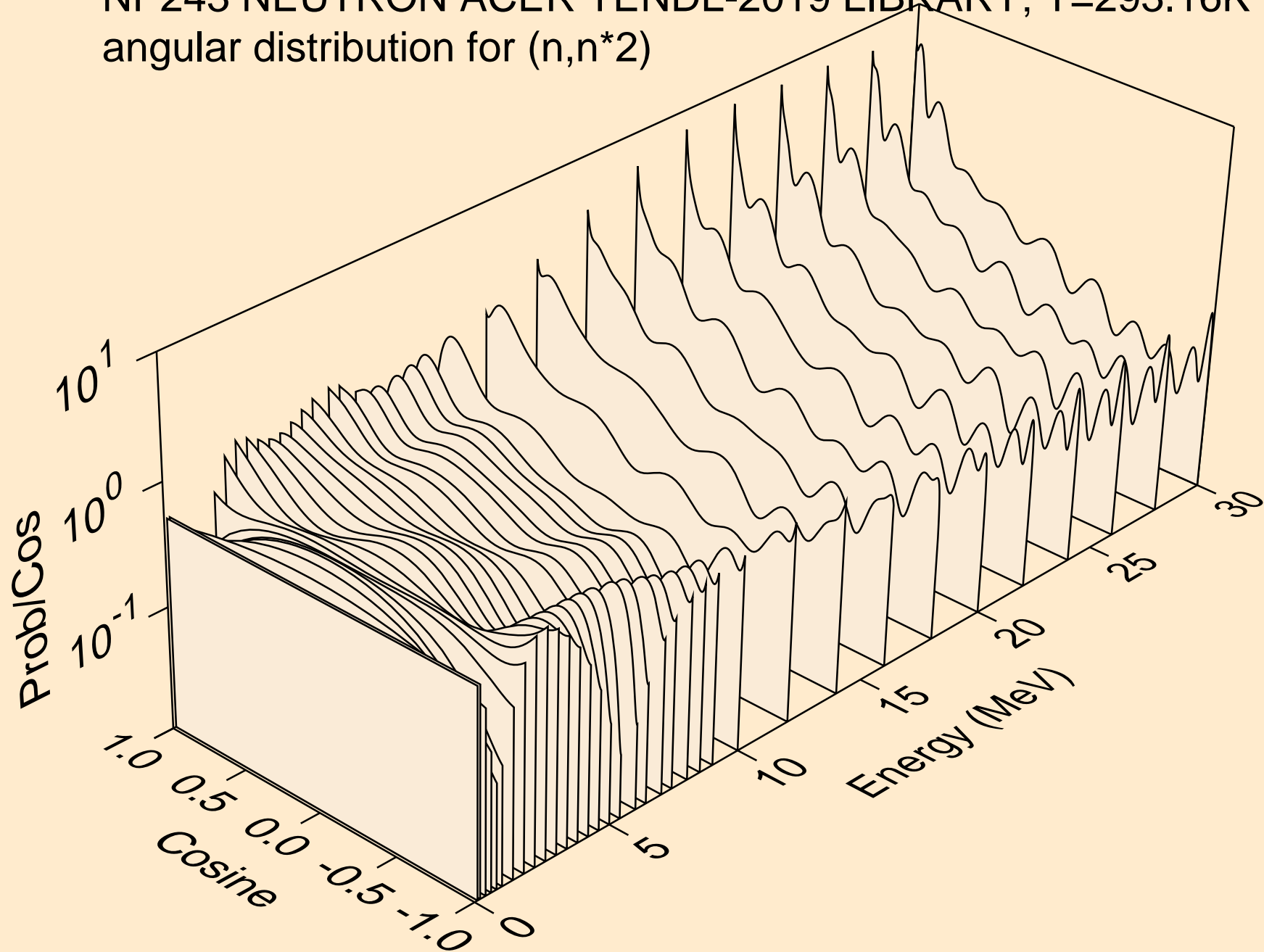
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

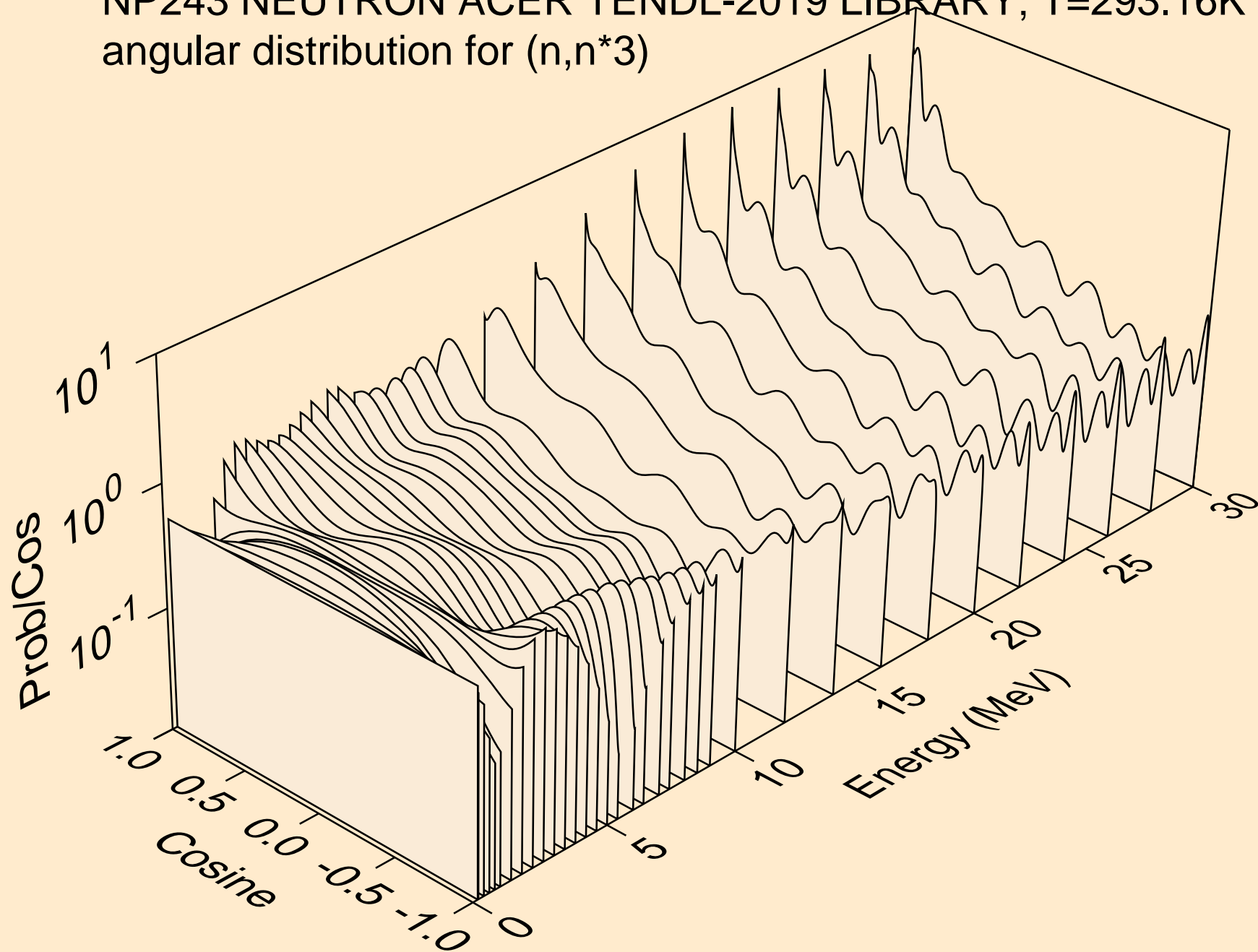


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)

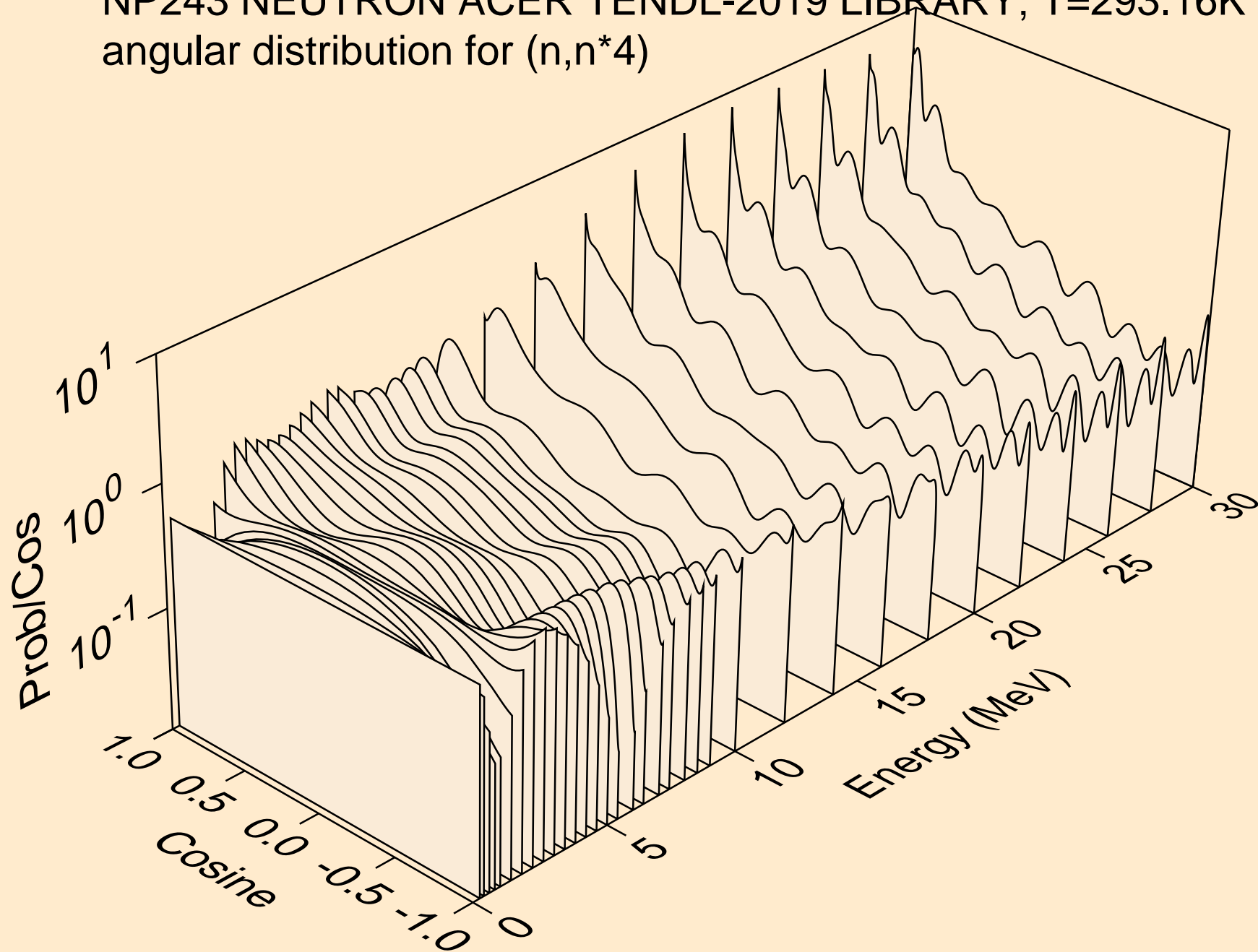




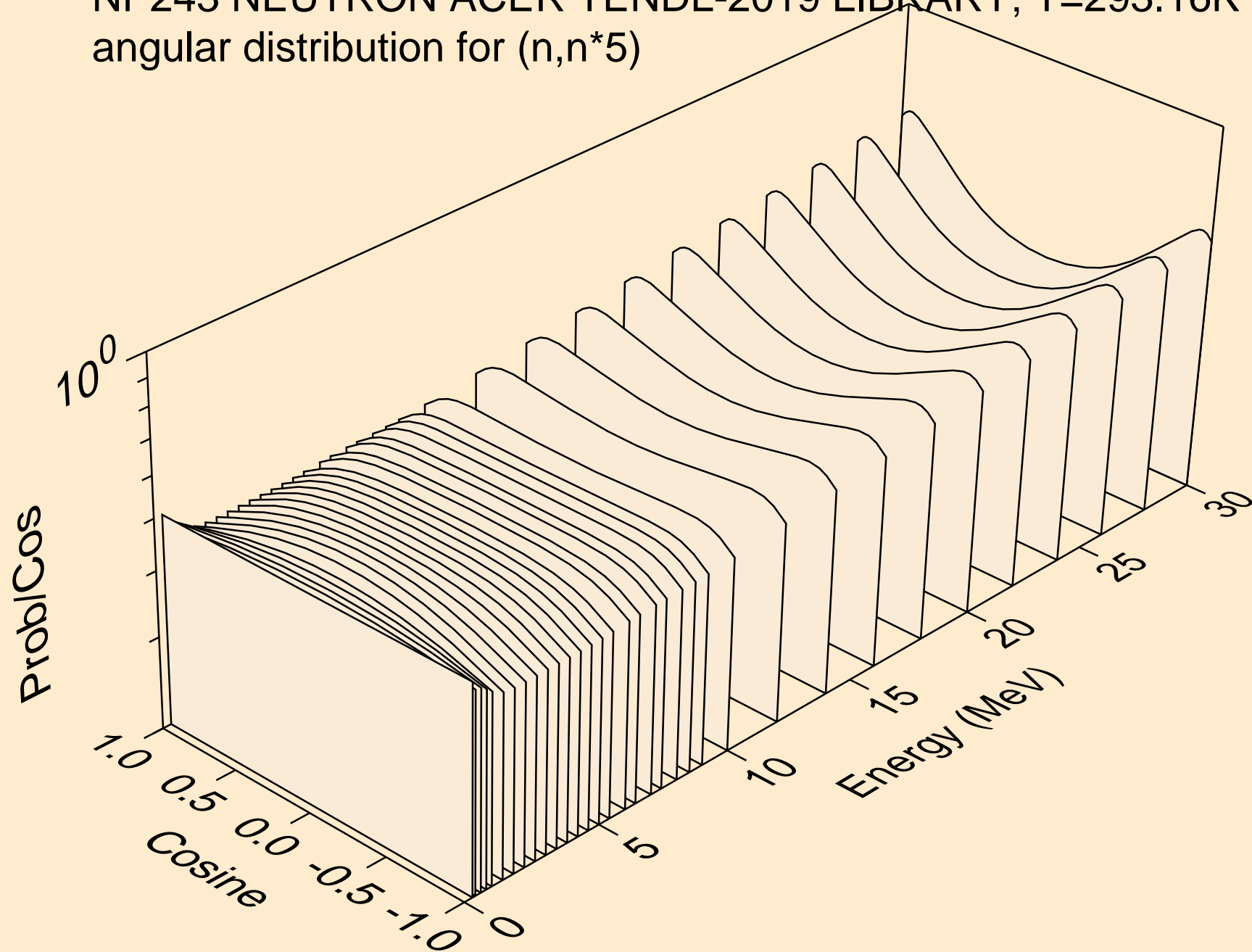
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



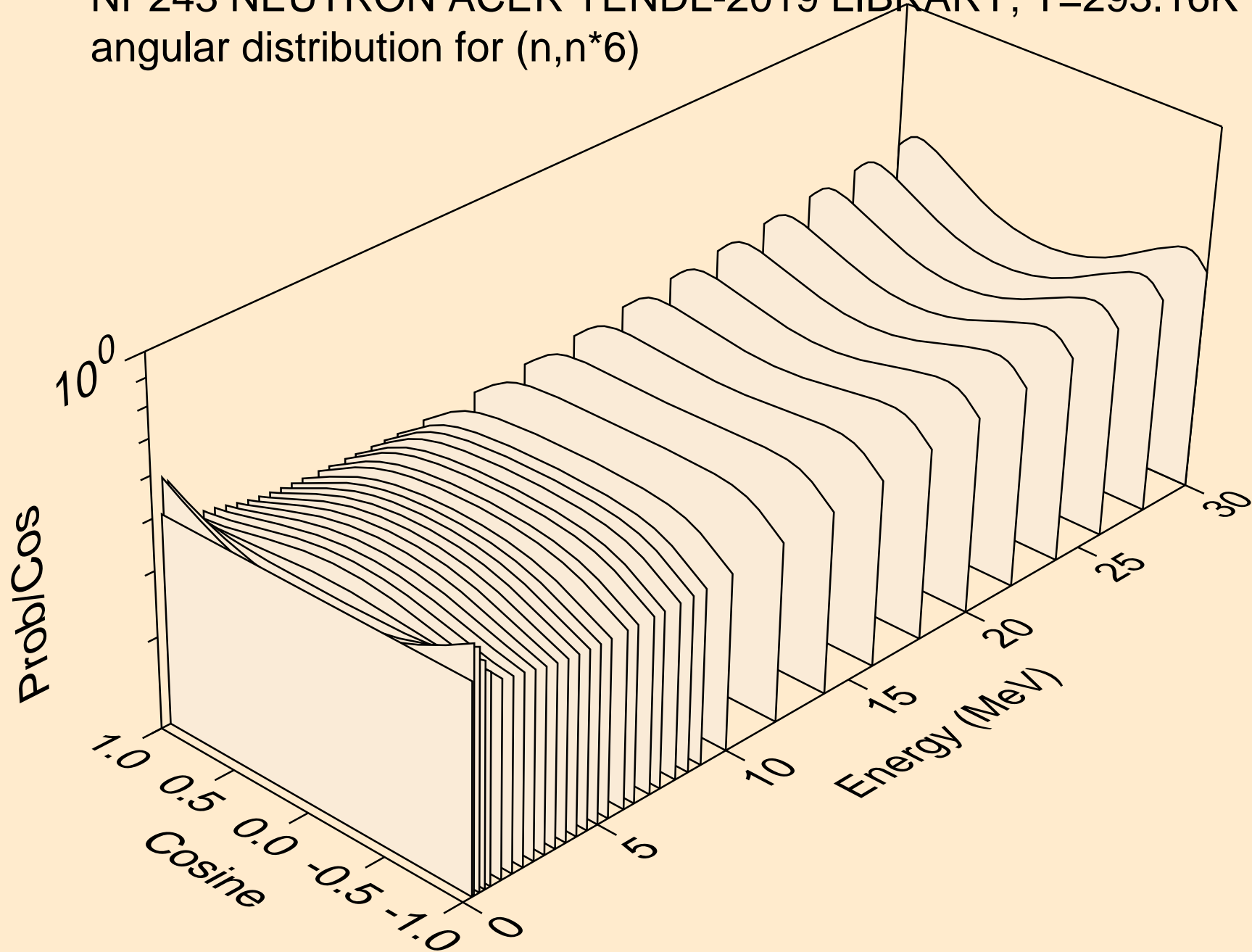
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



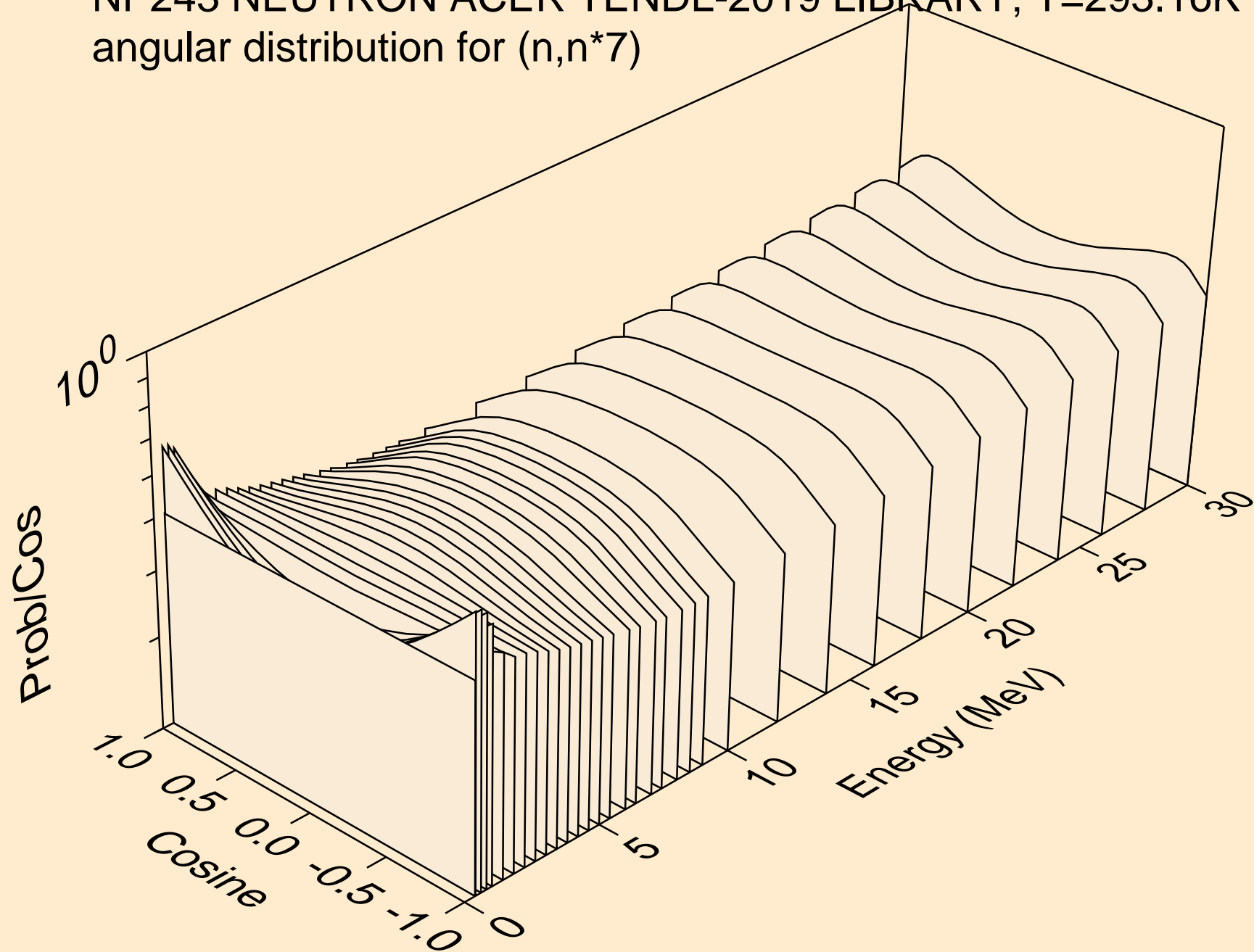
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



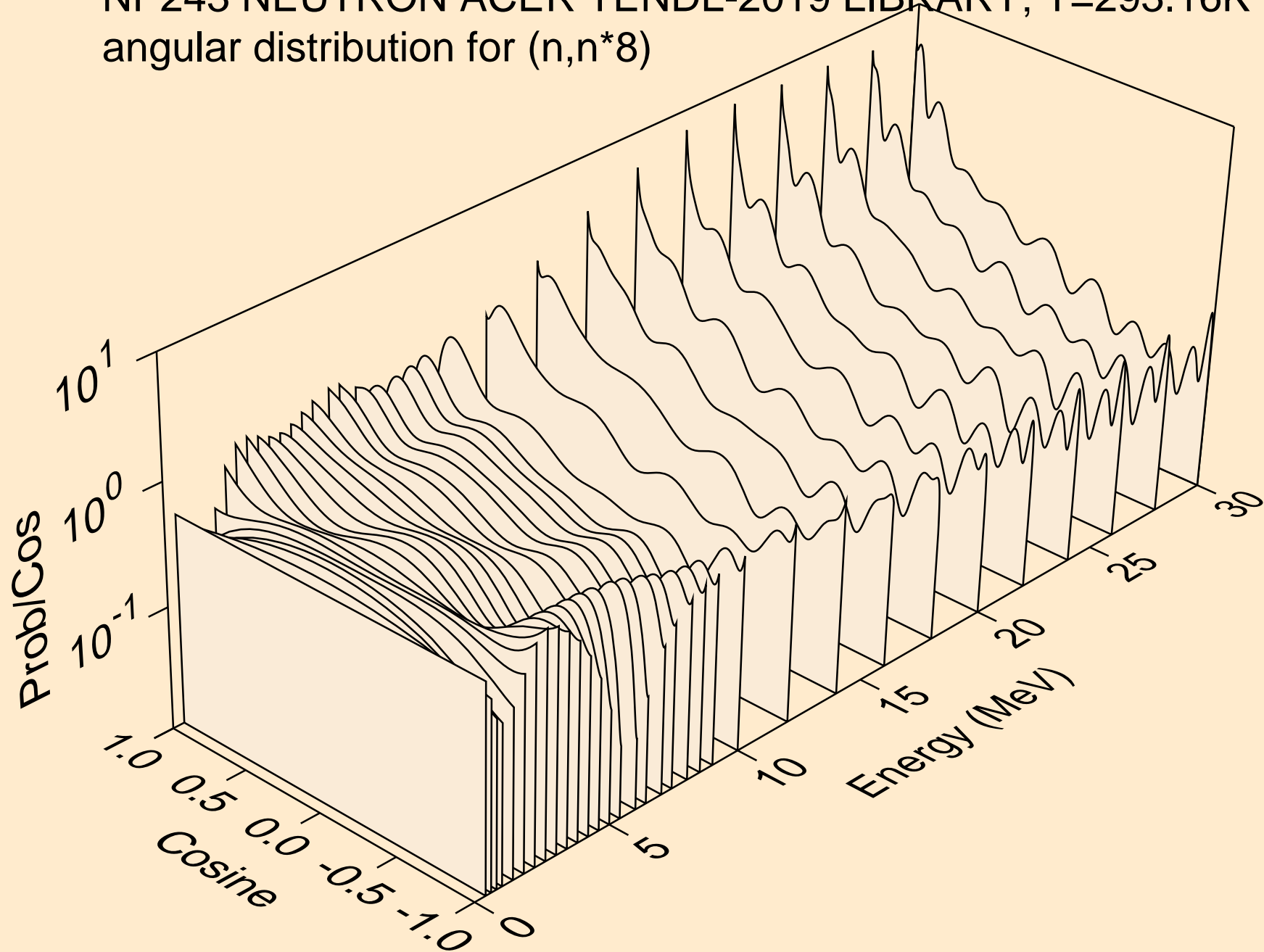
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



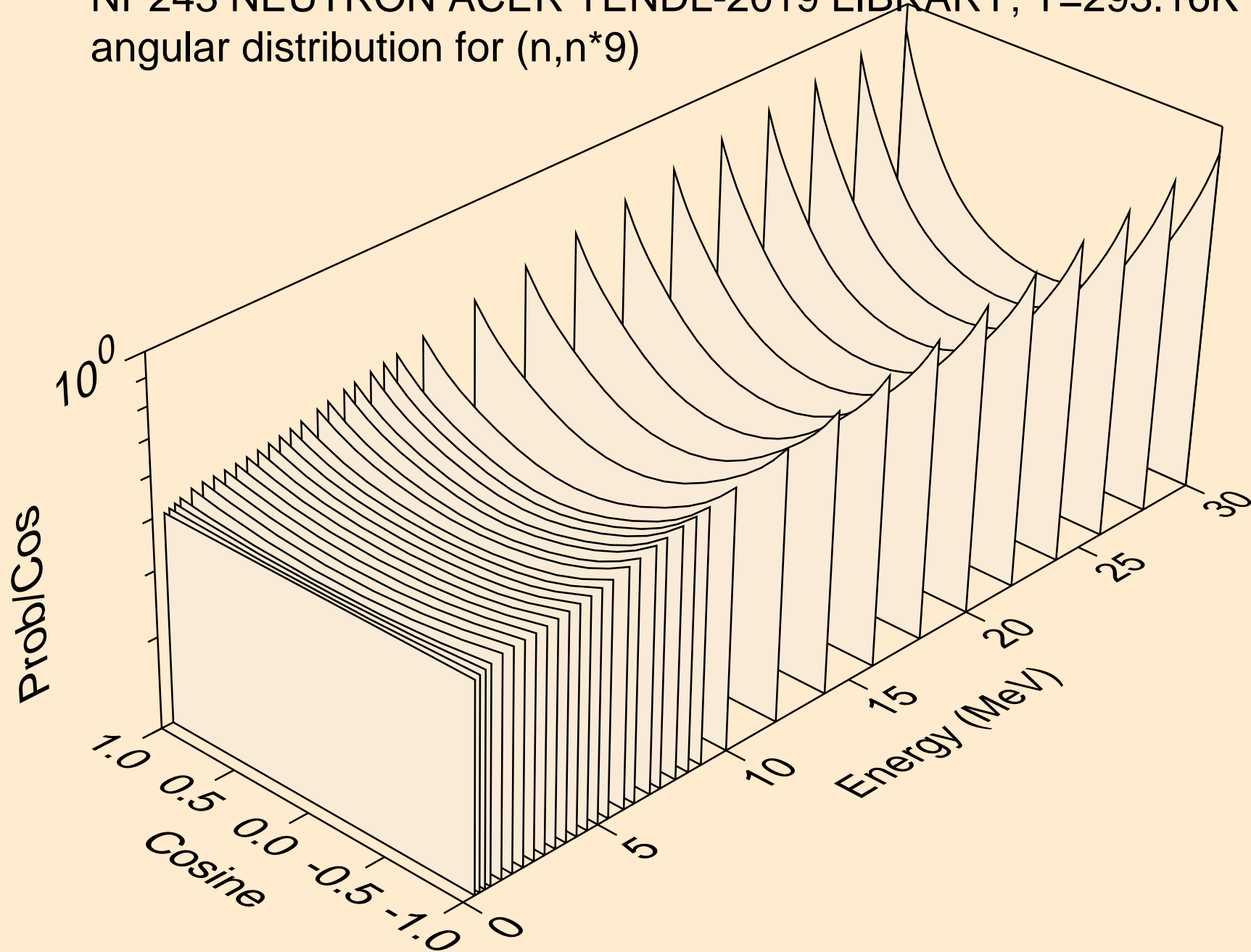
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



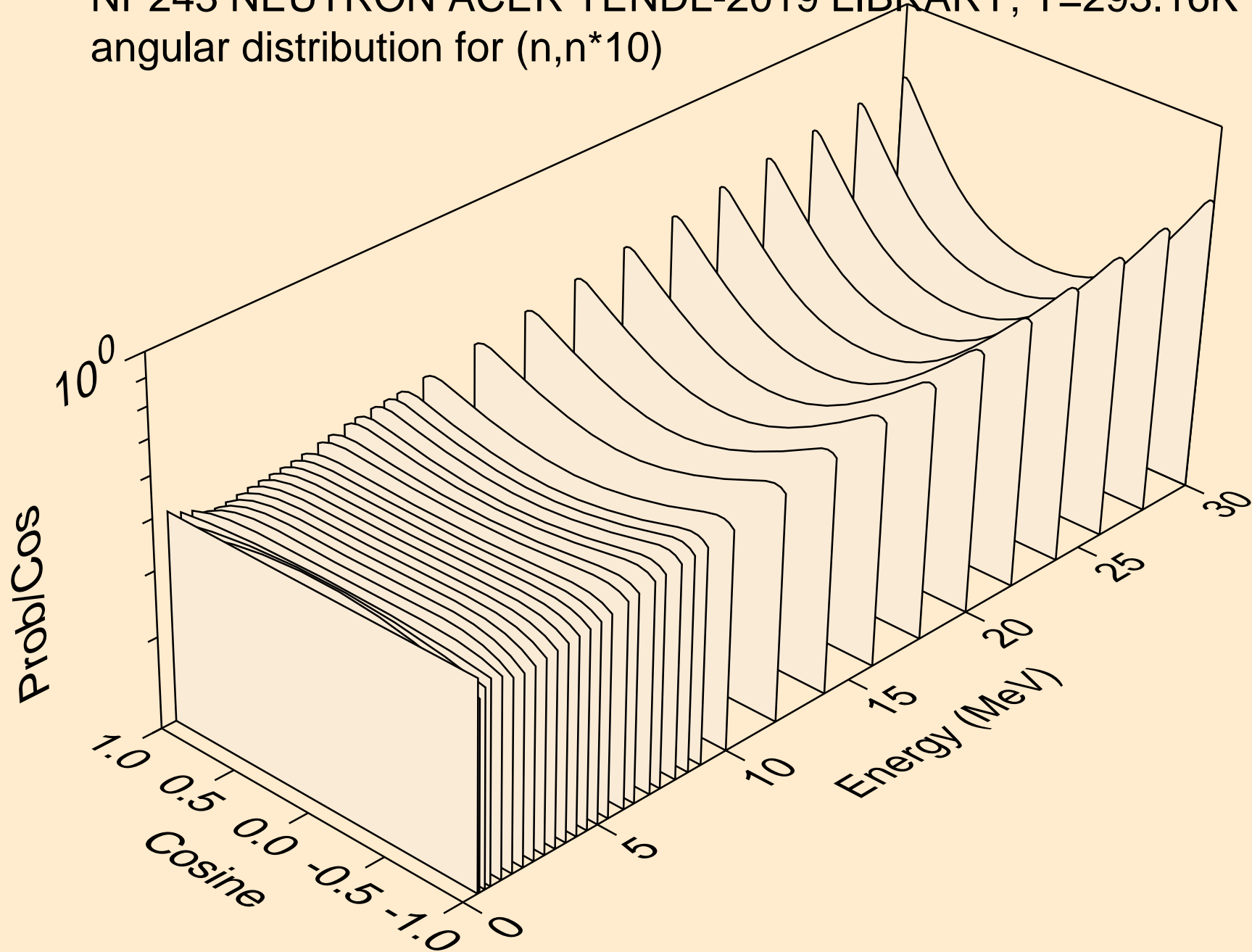
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)

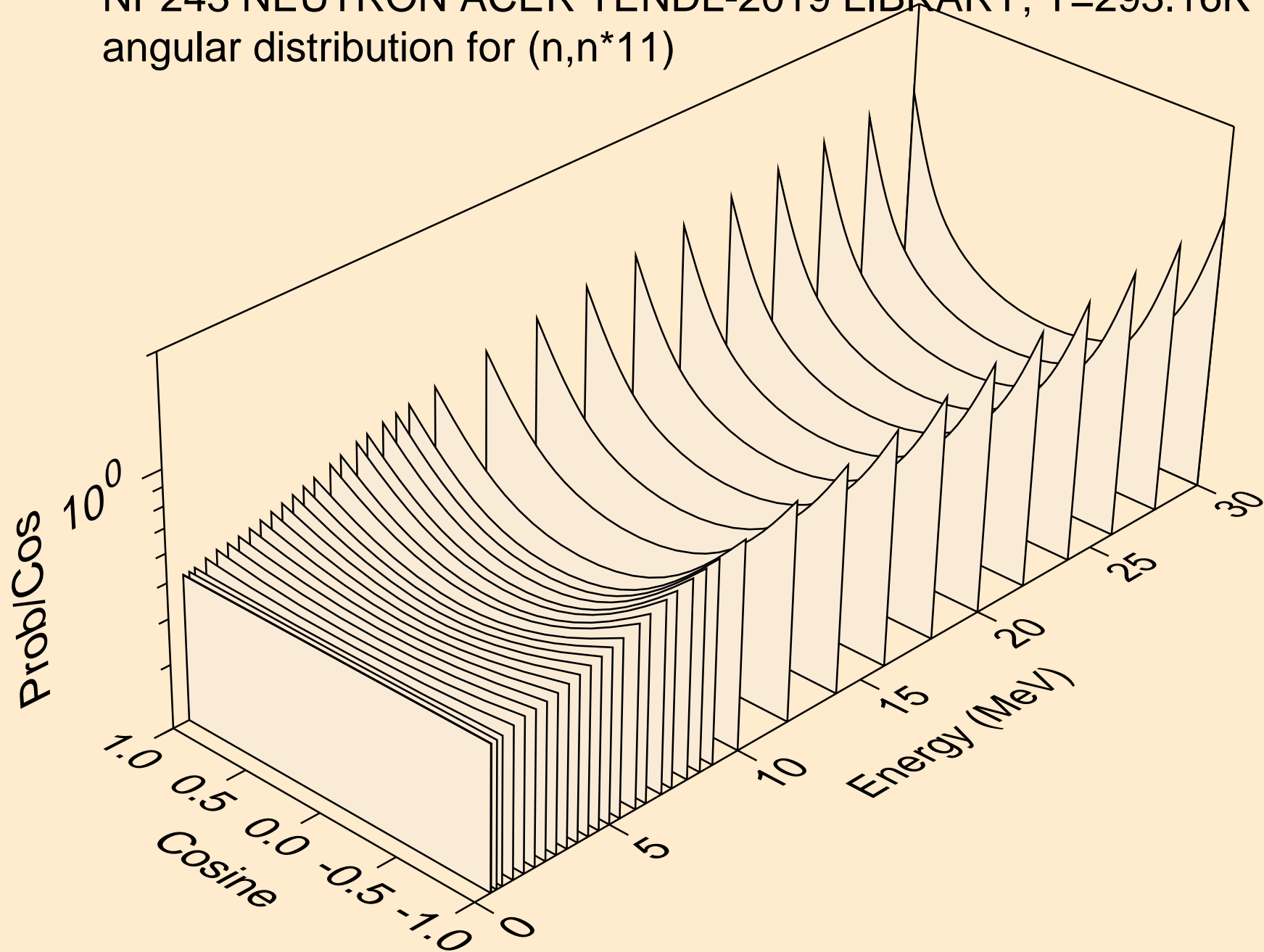


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)

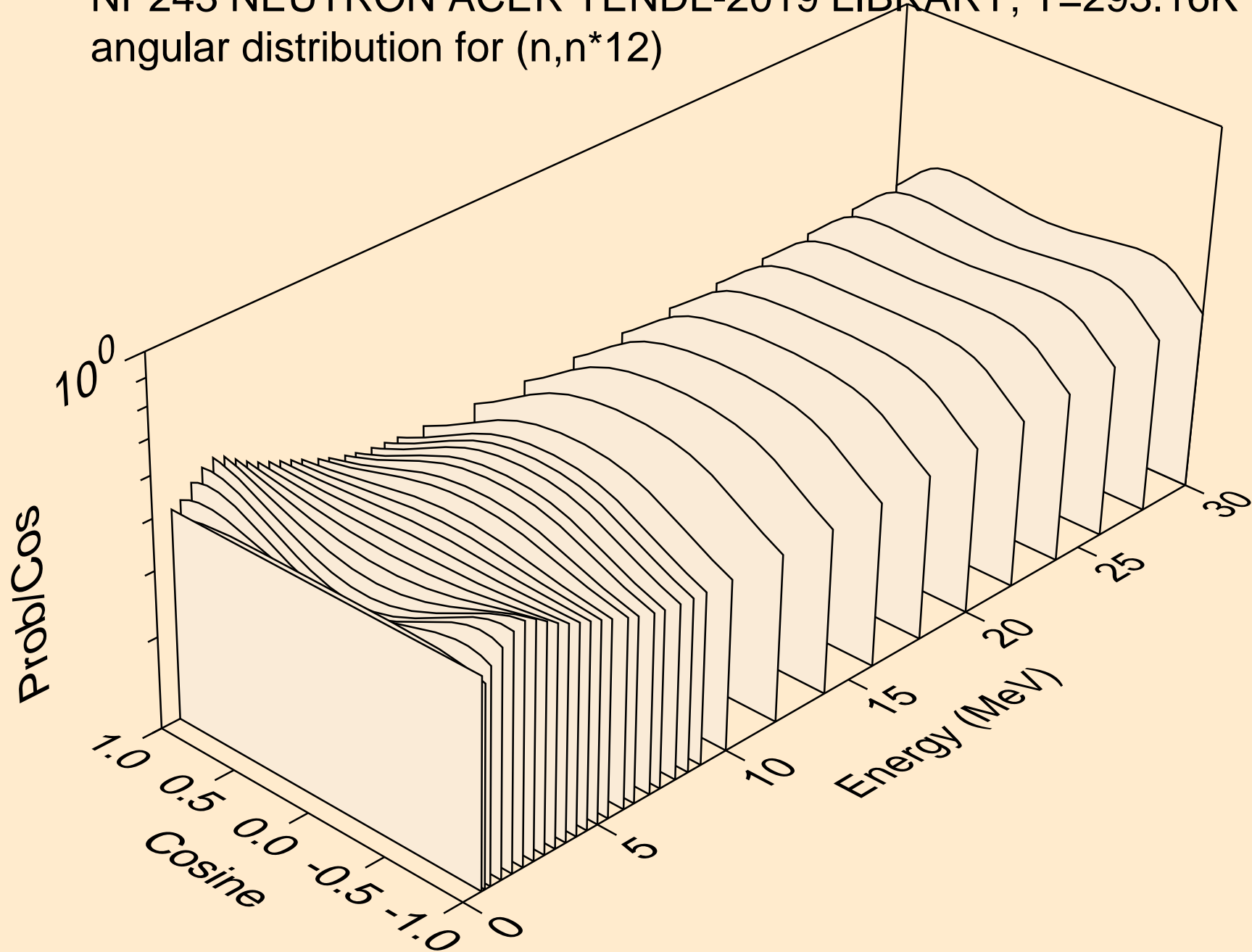




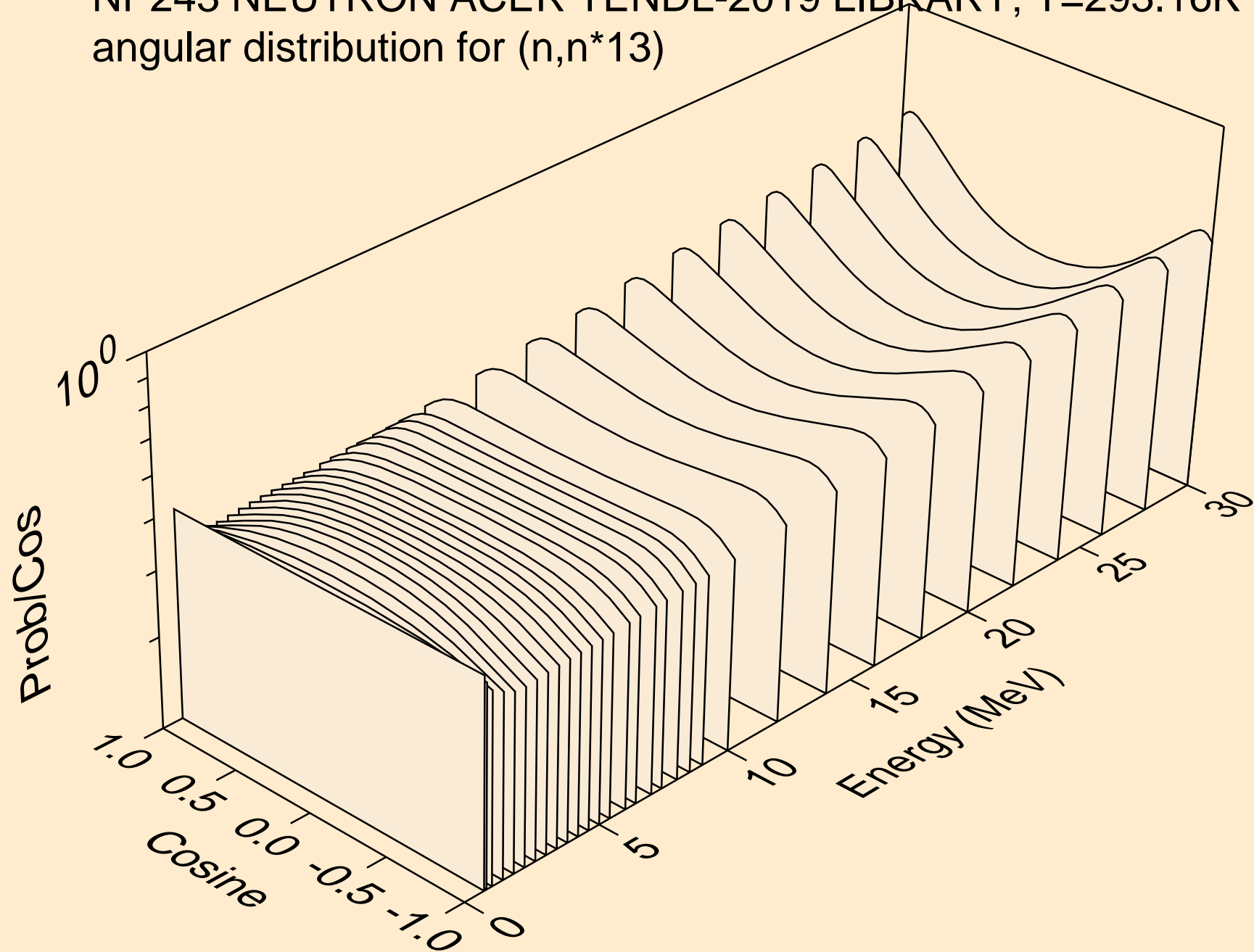
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



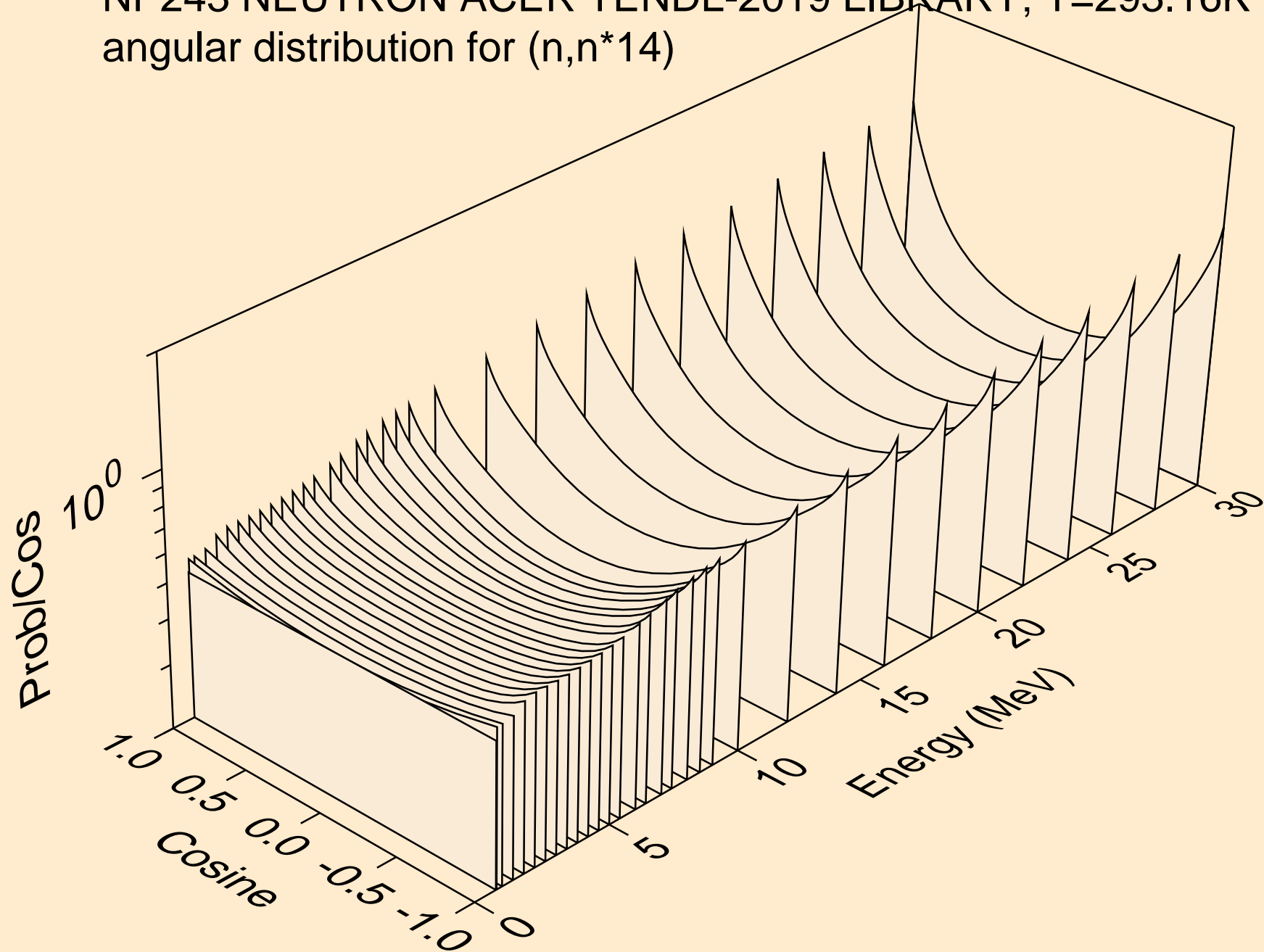
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



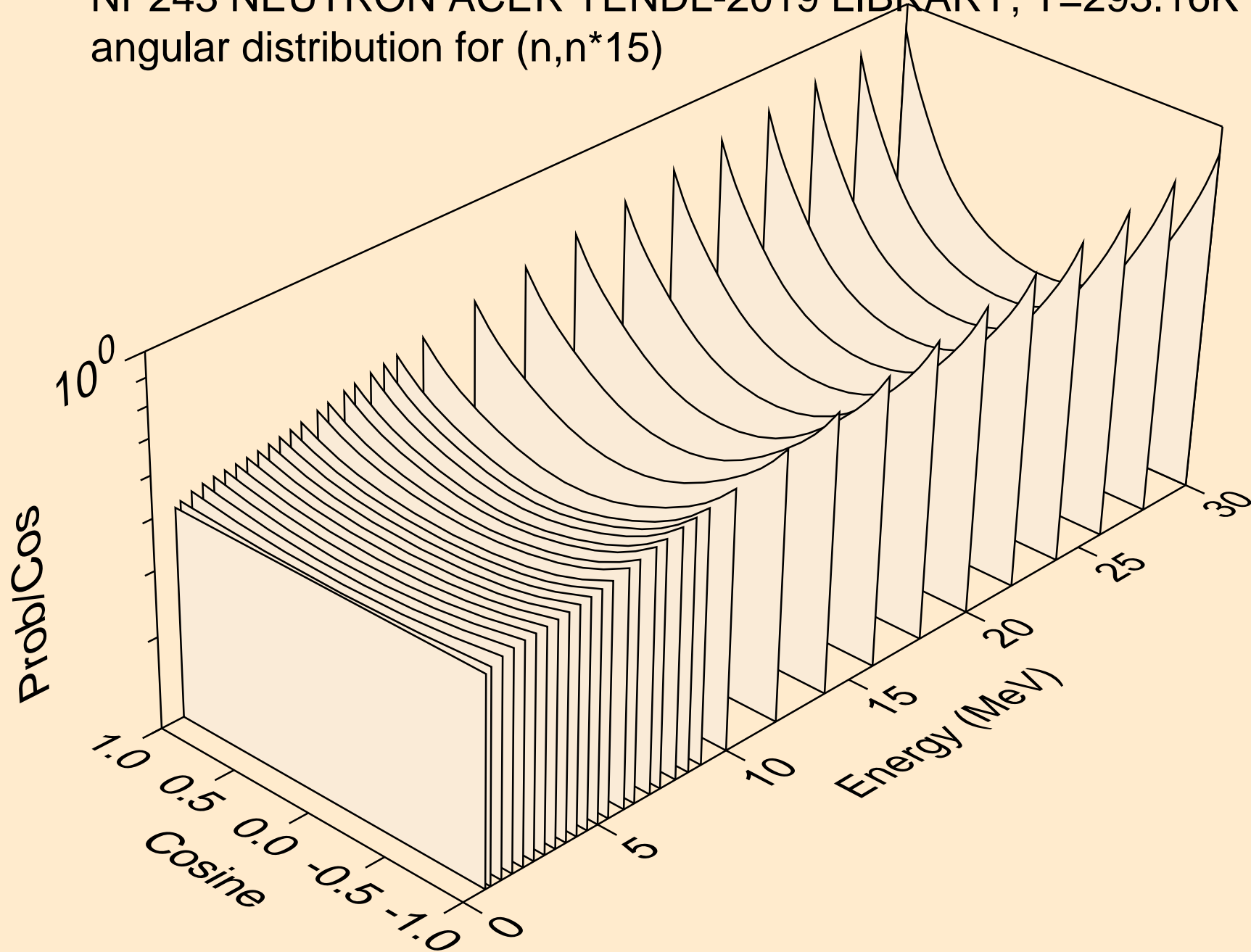
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



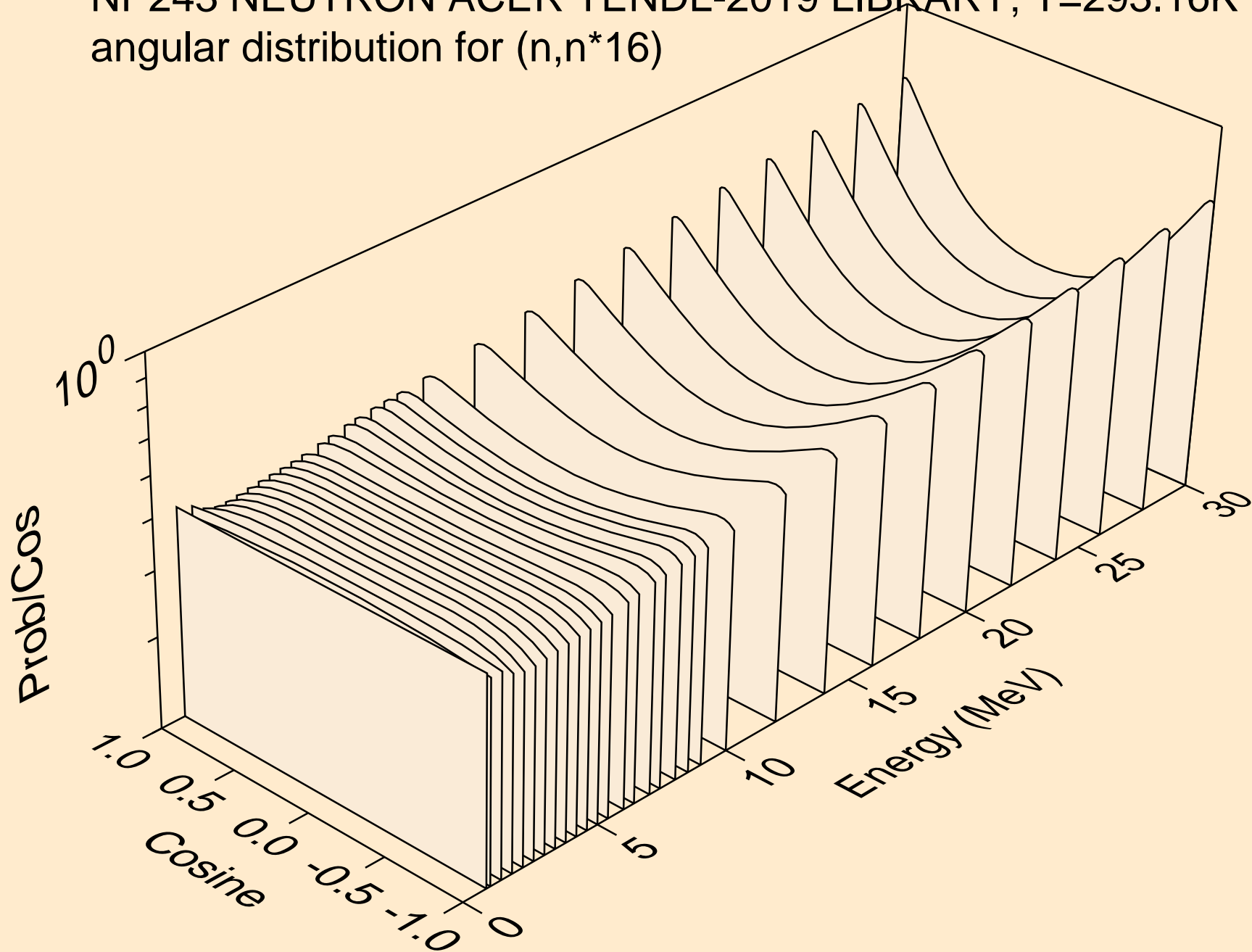
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)



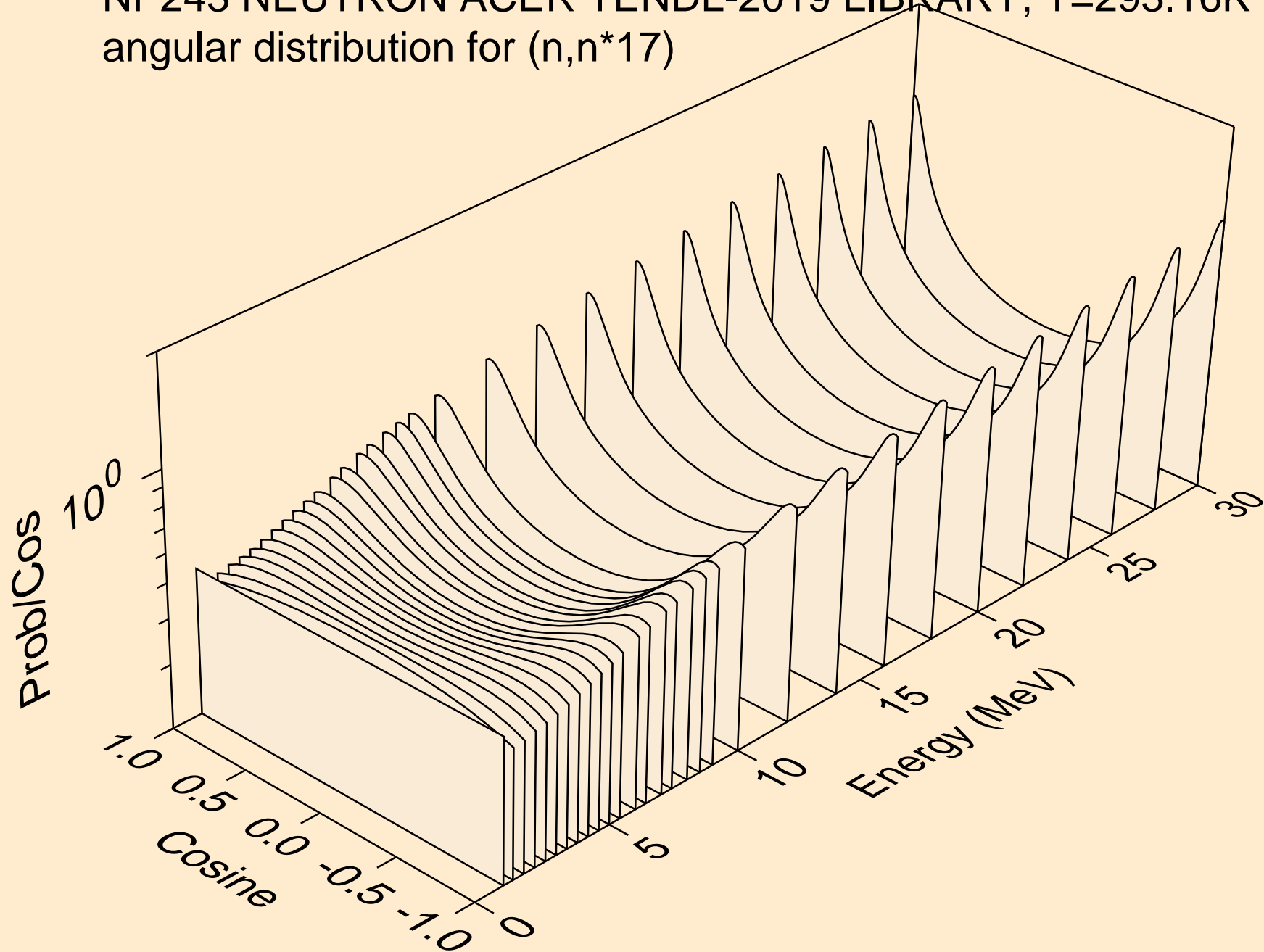
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)



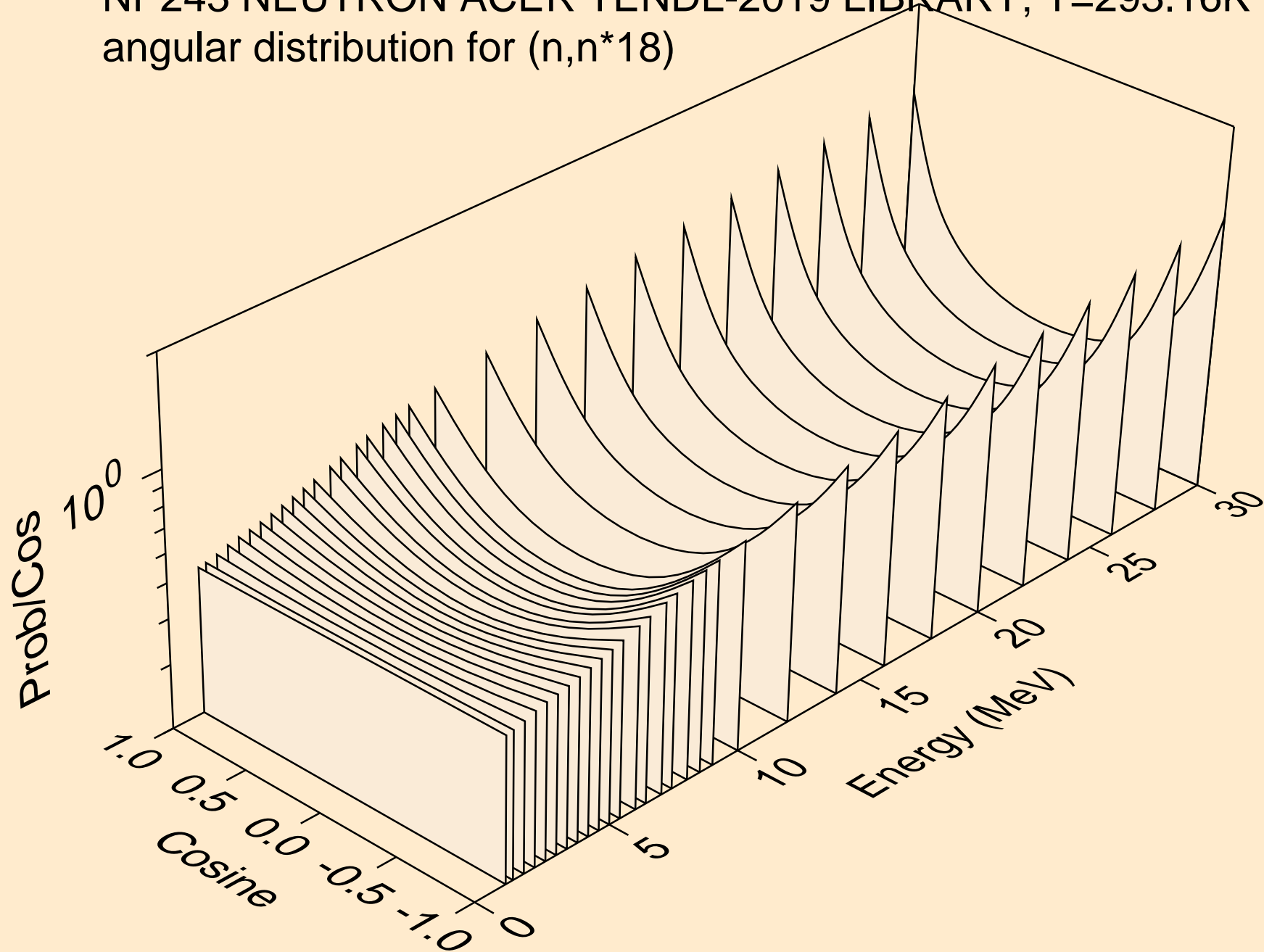
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)

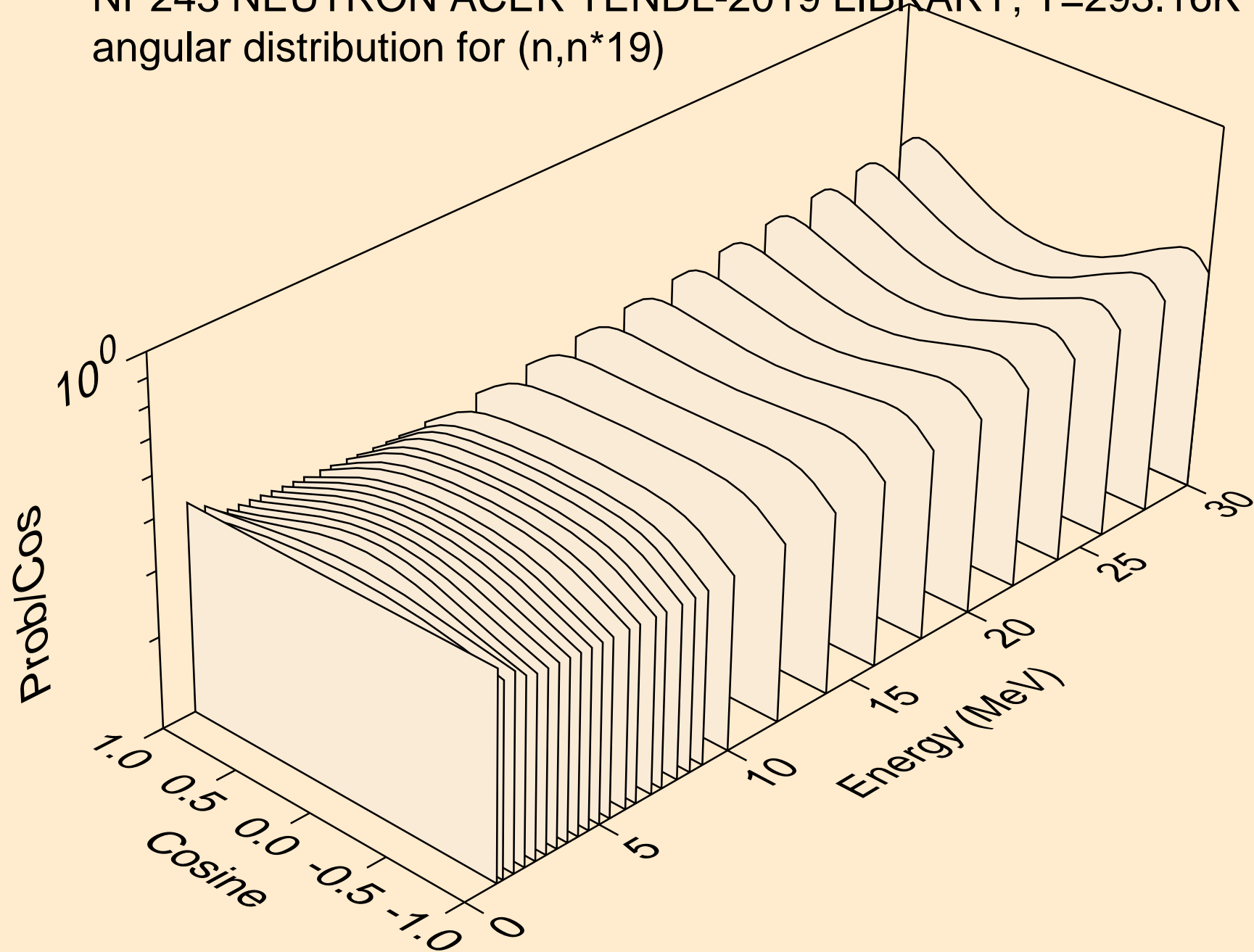


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)

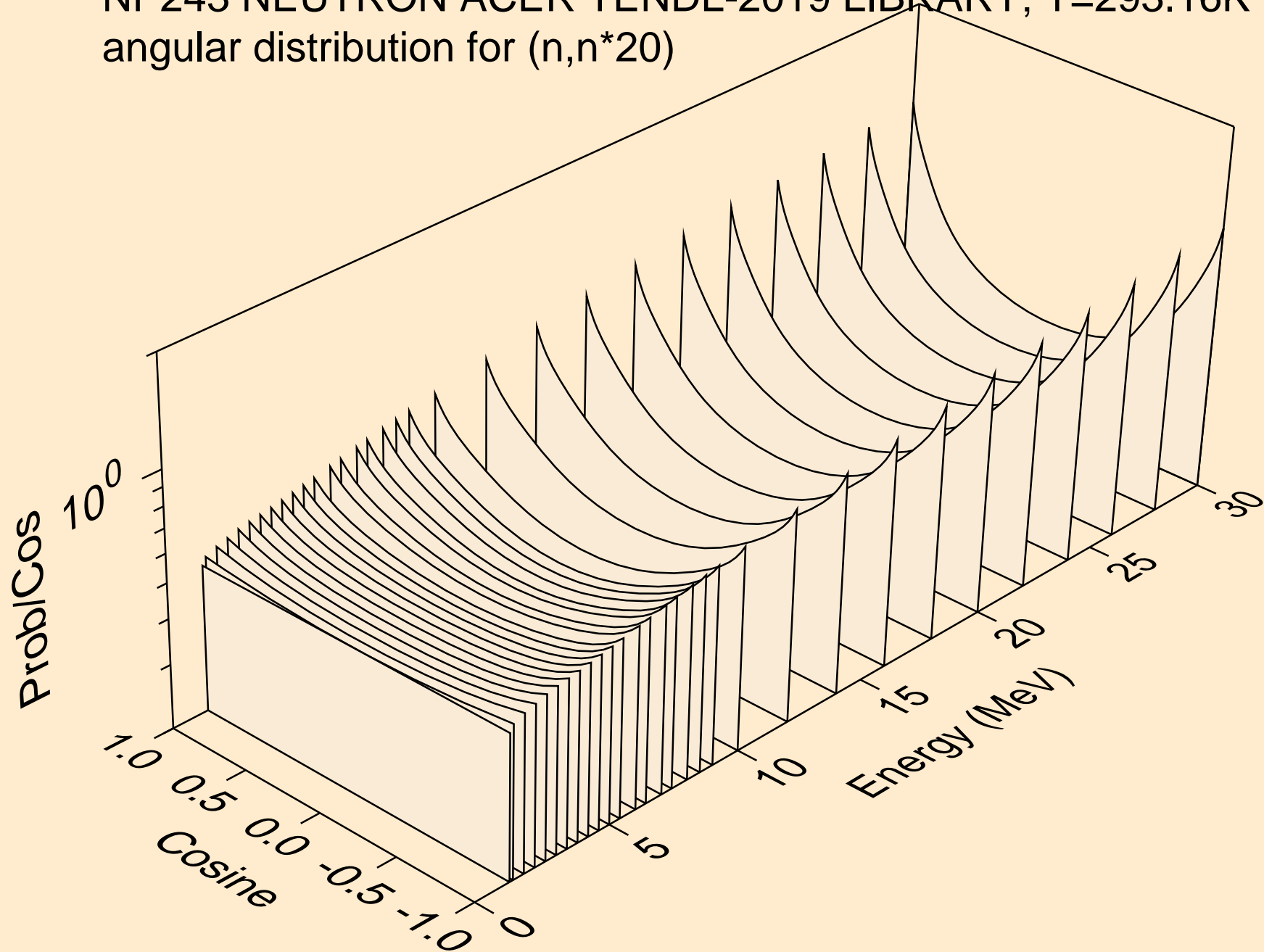




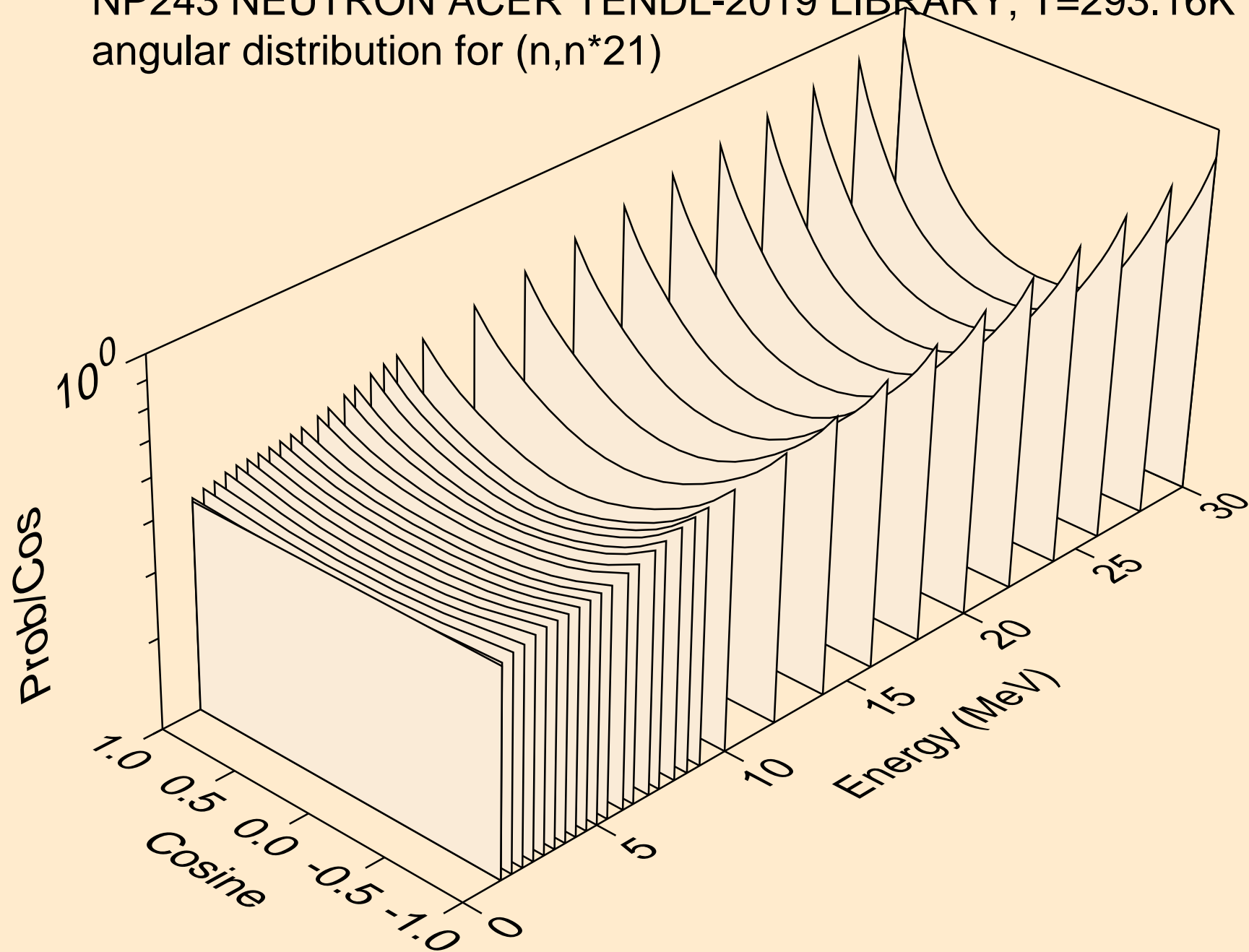
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)



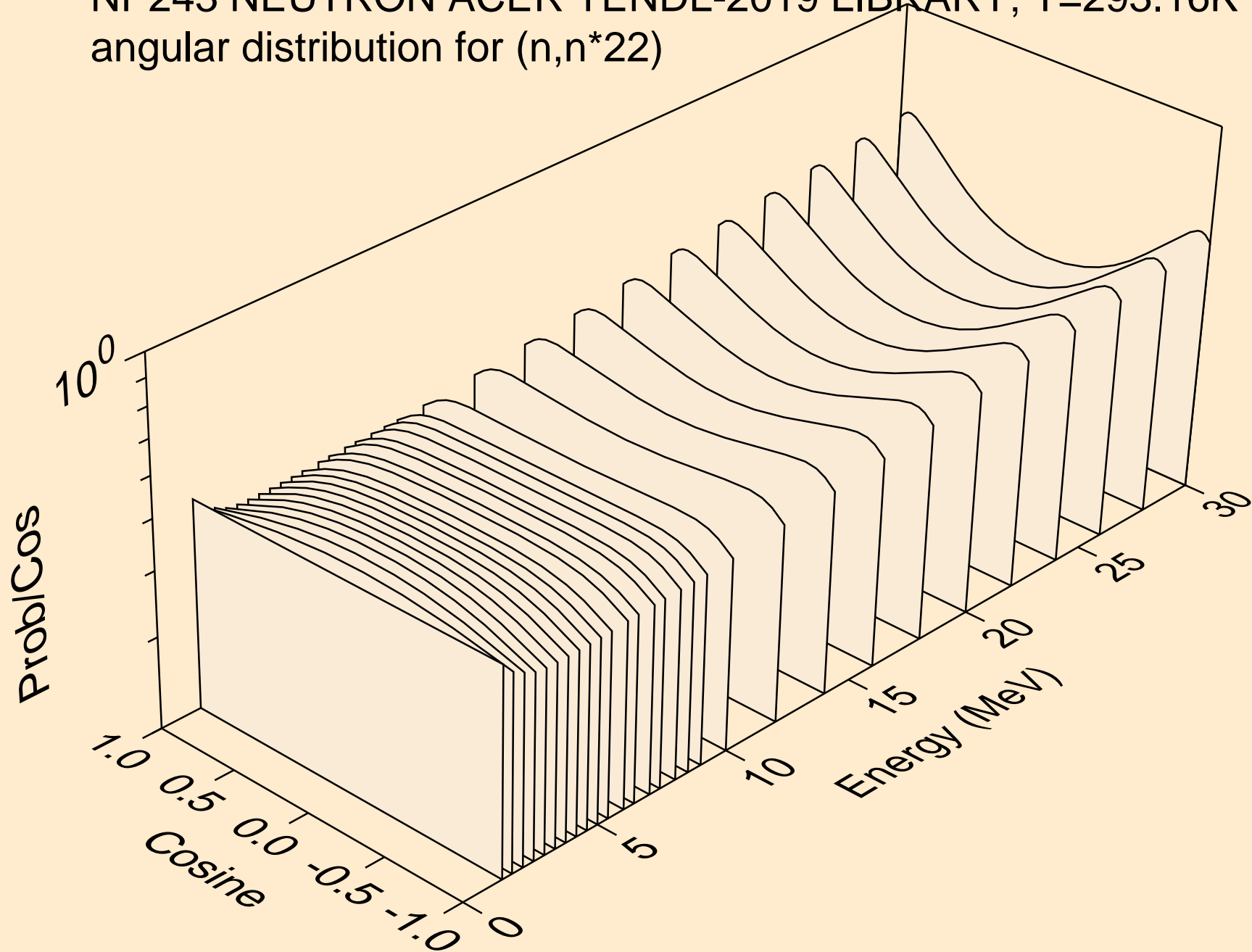
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



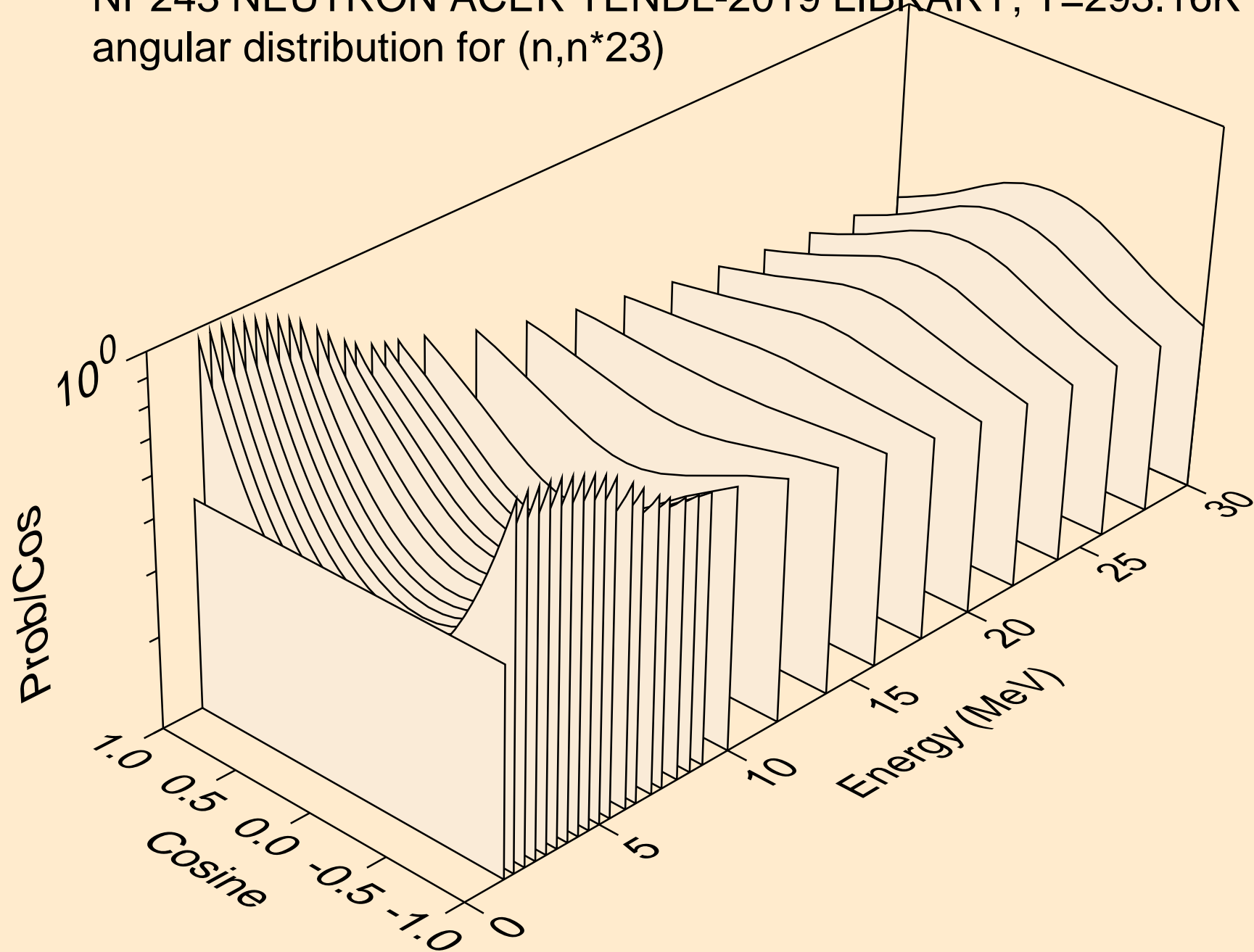
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)



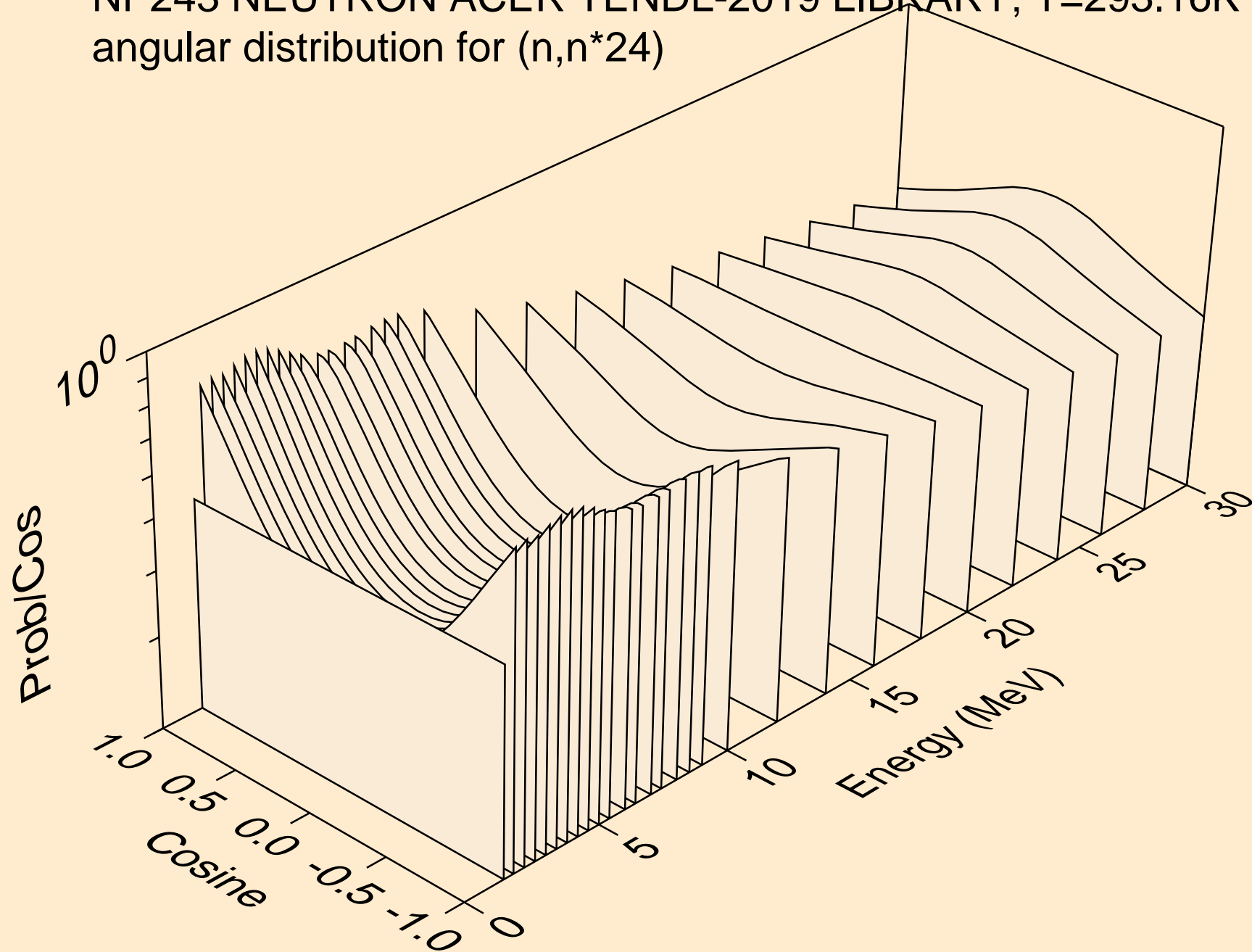
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)



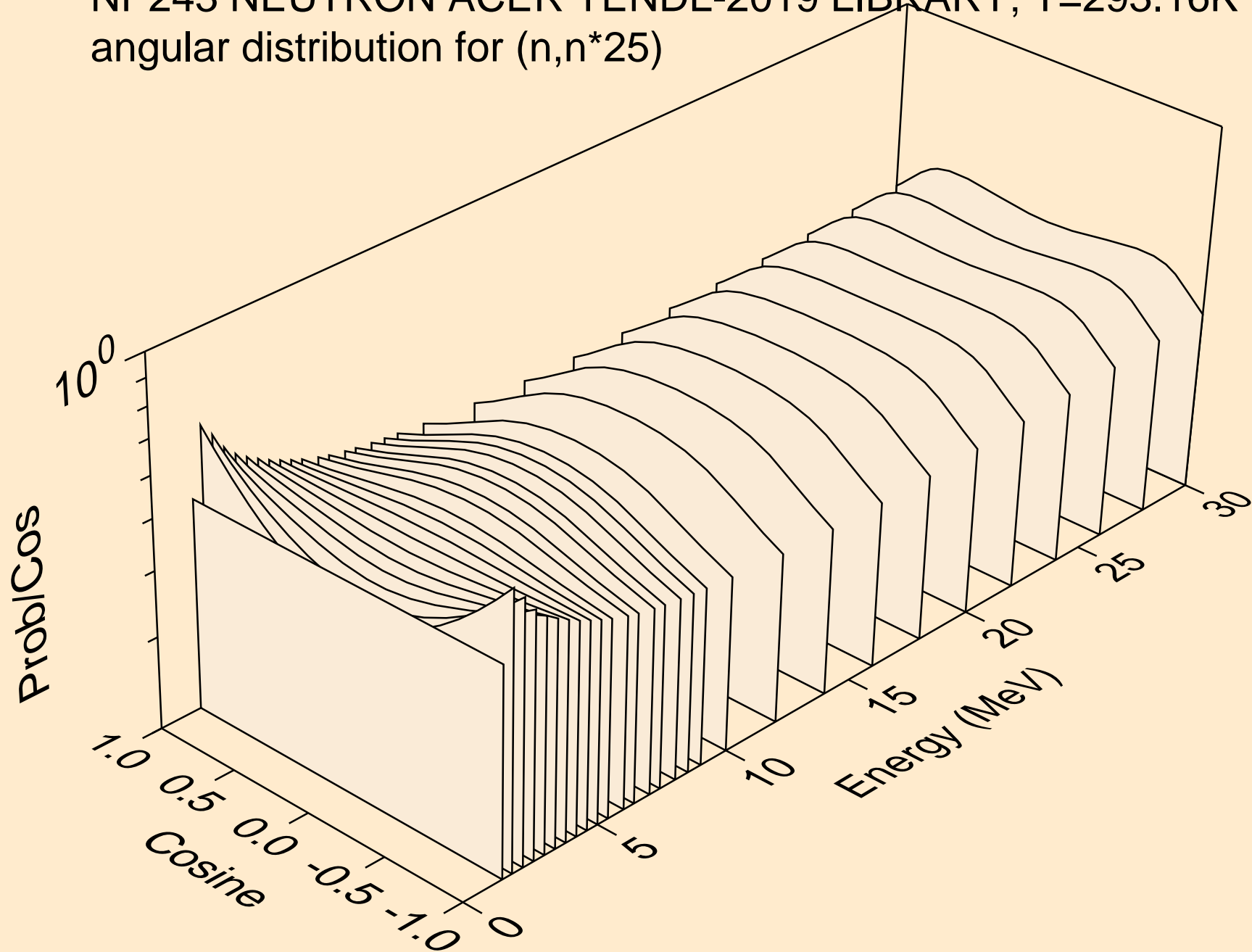
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)



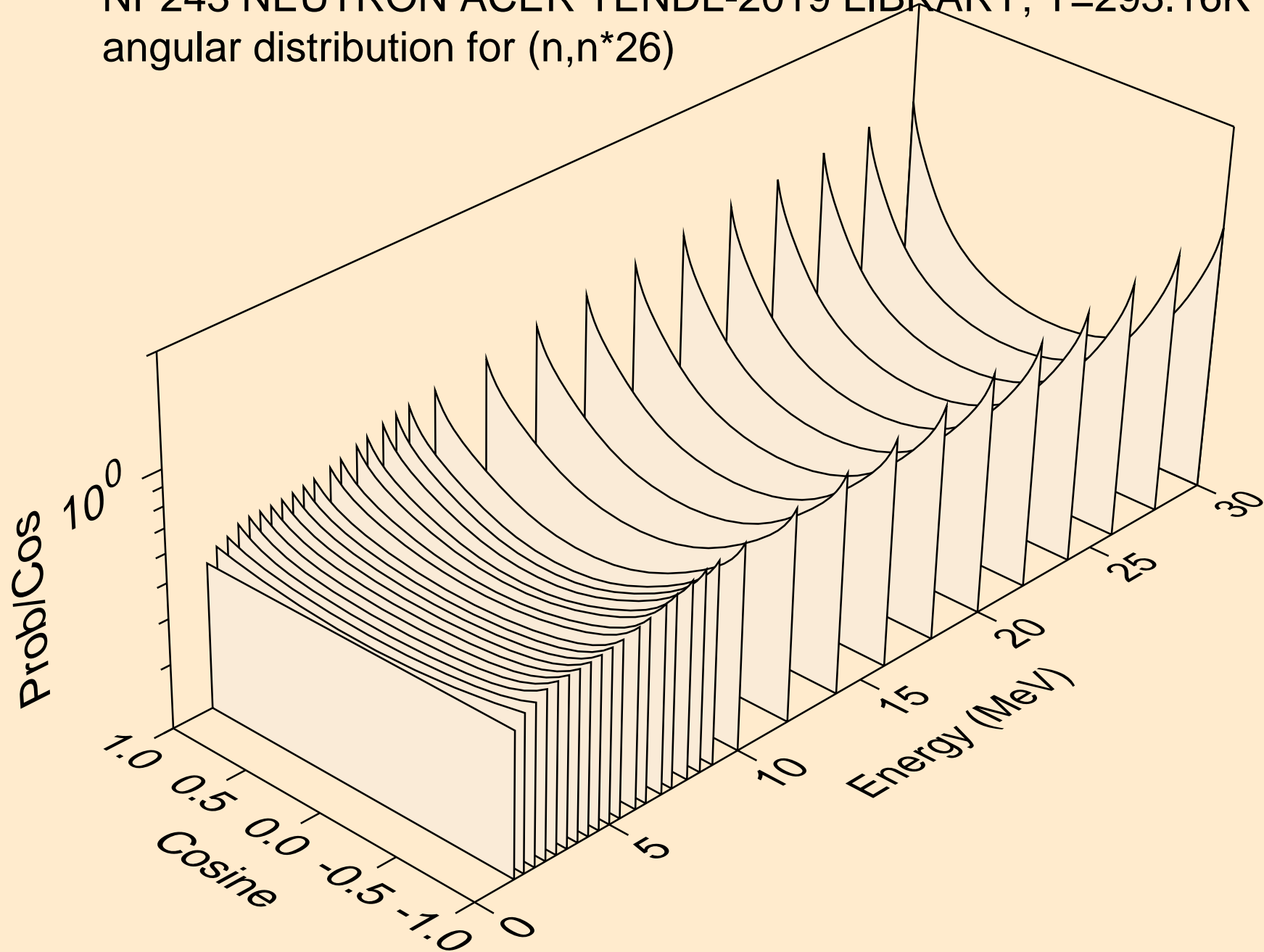
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)

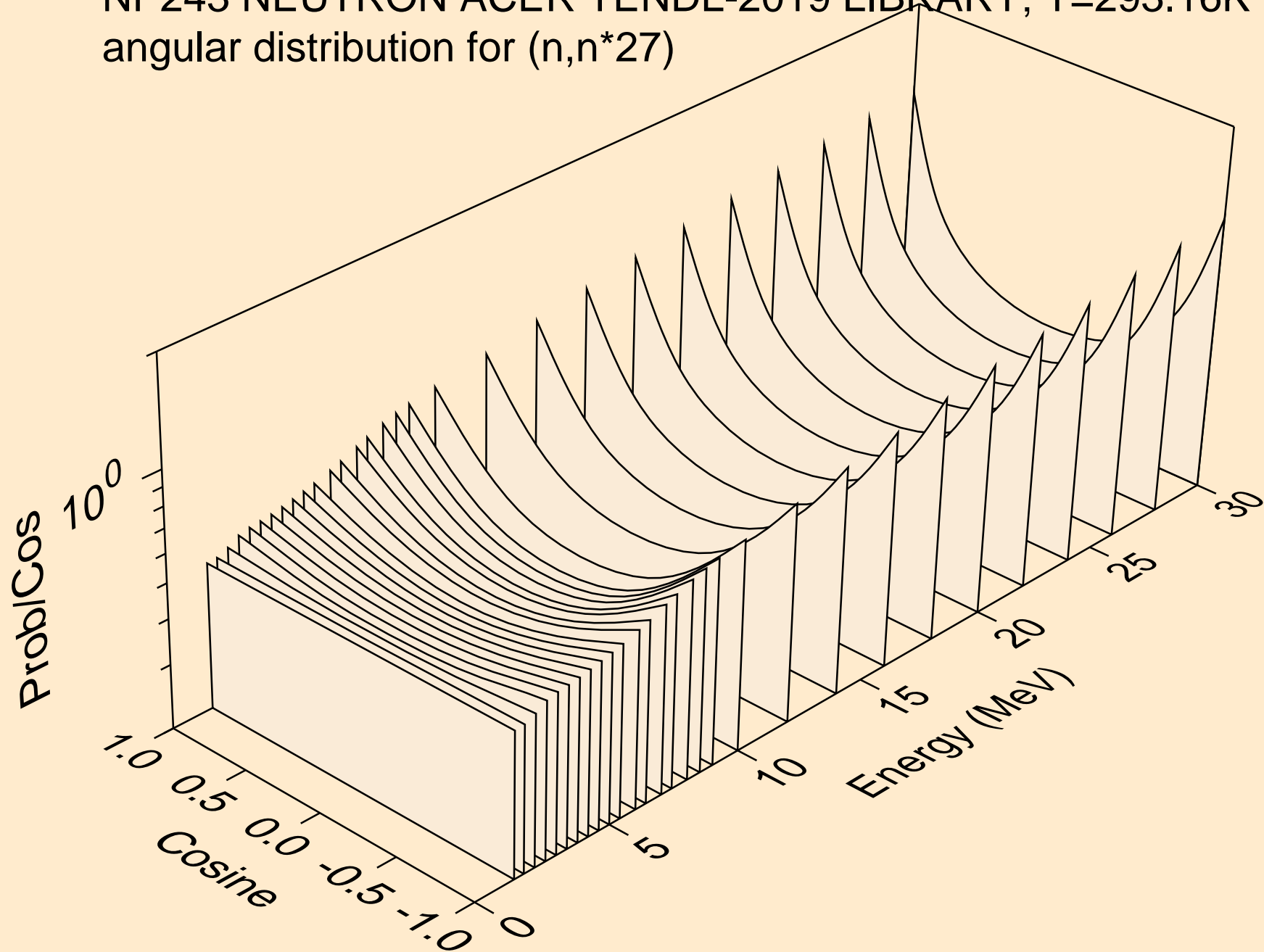


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)

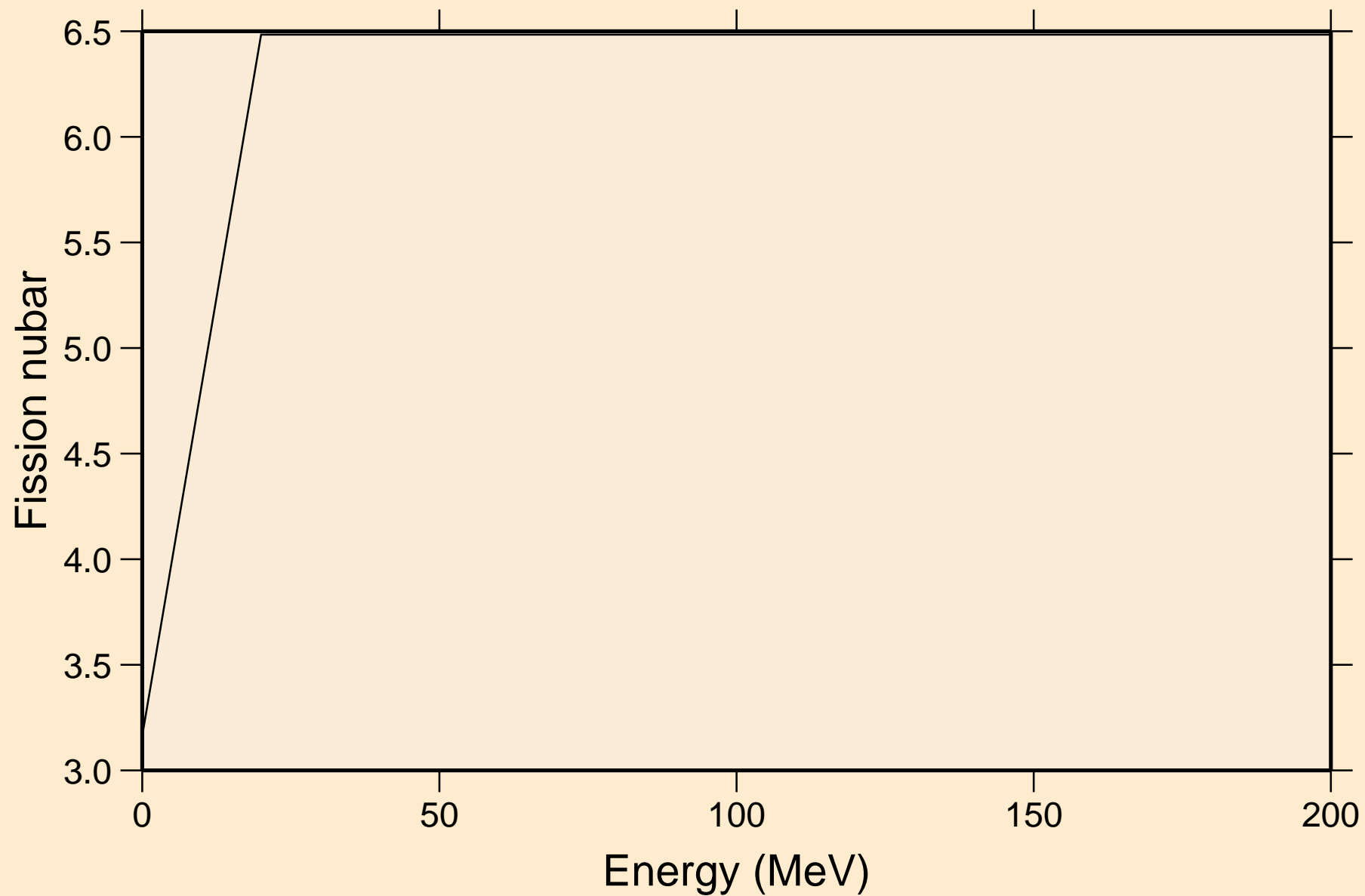




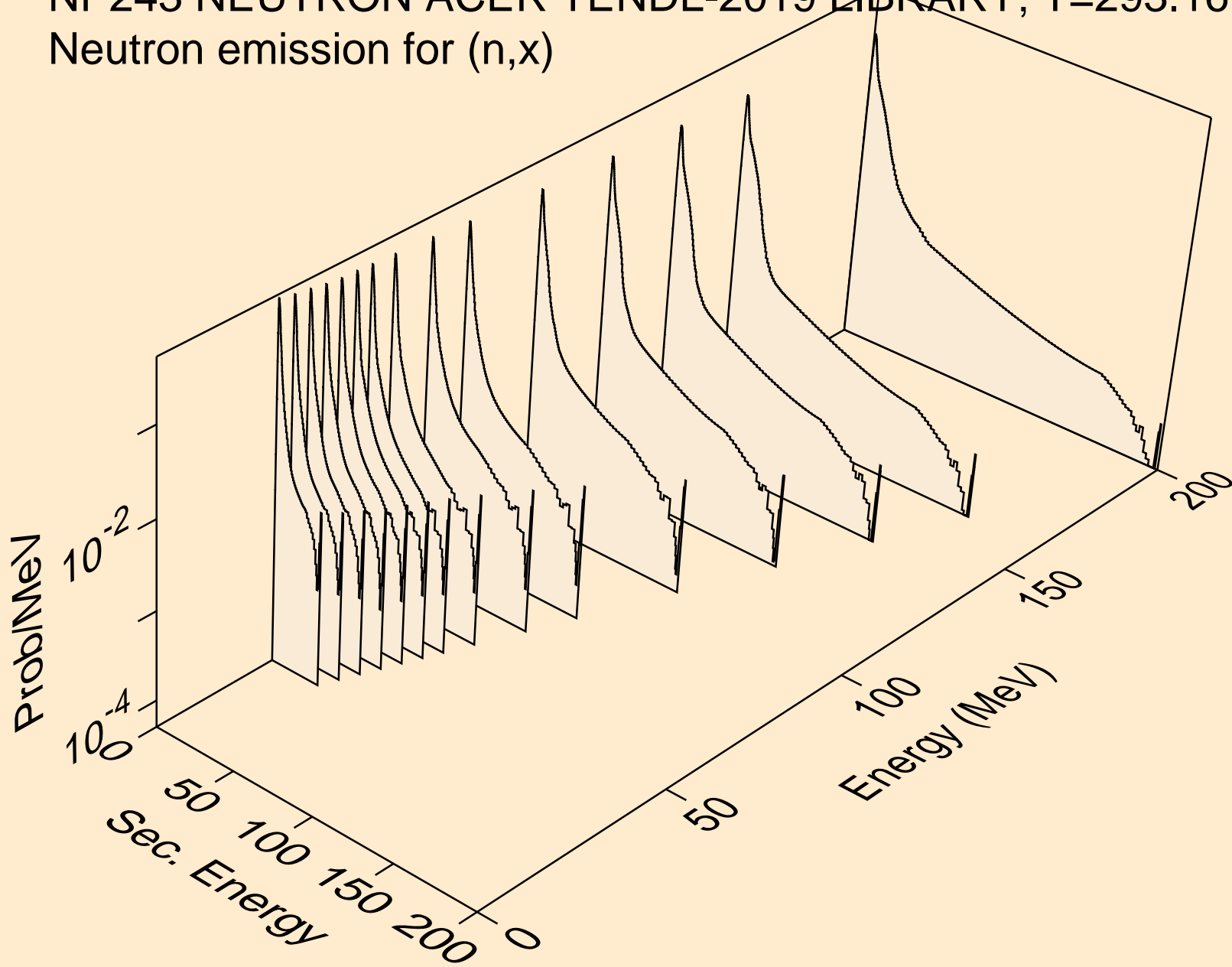
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)



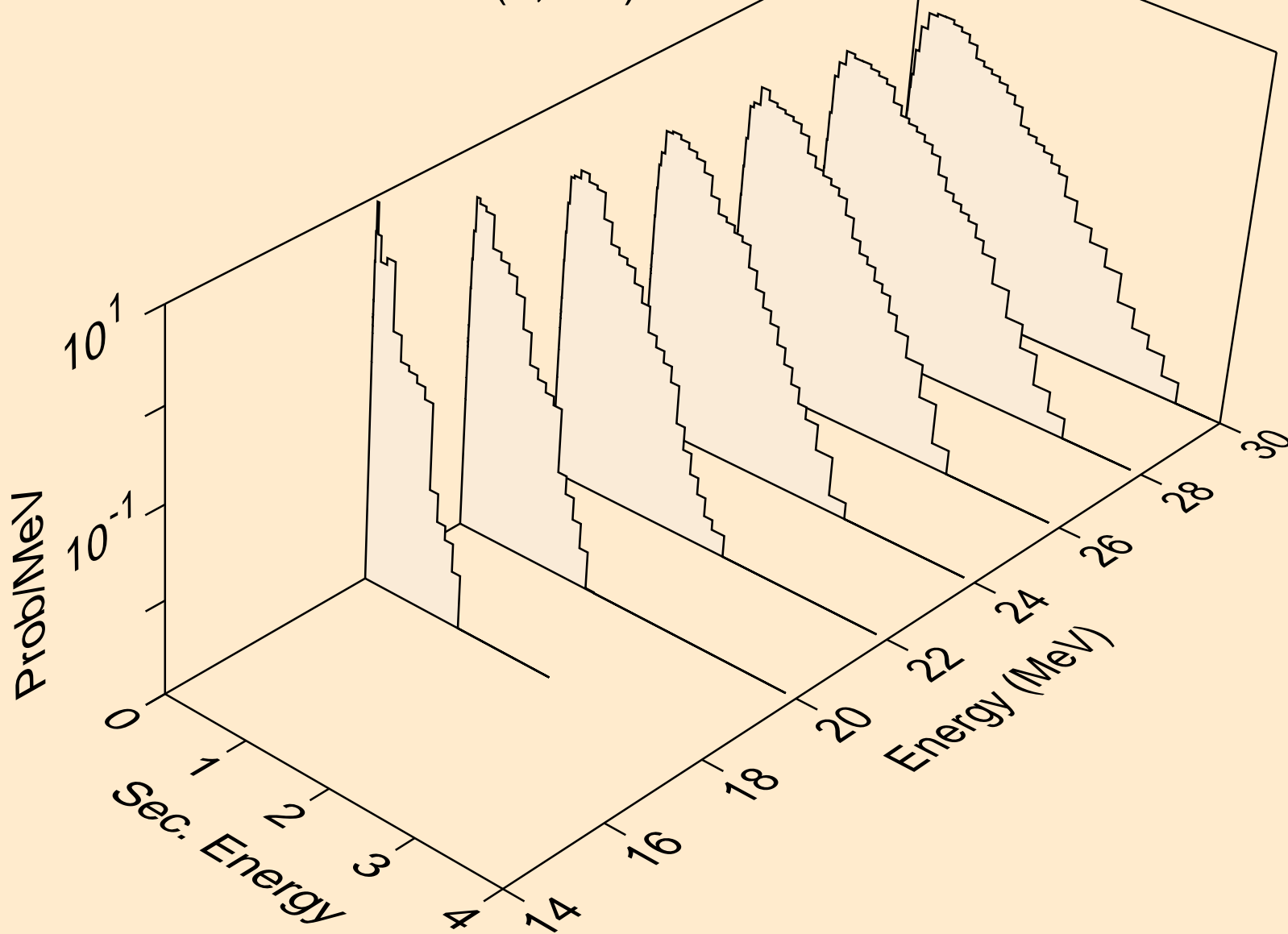
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Total fission nubar



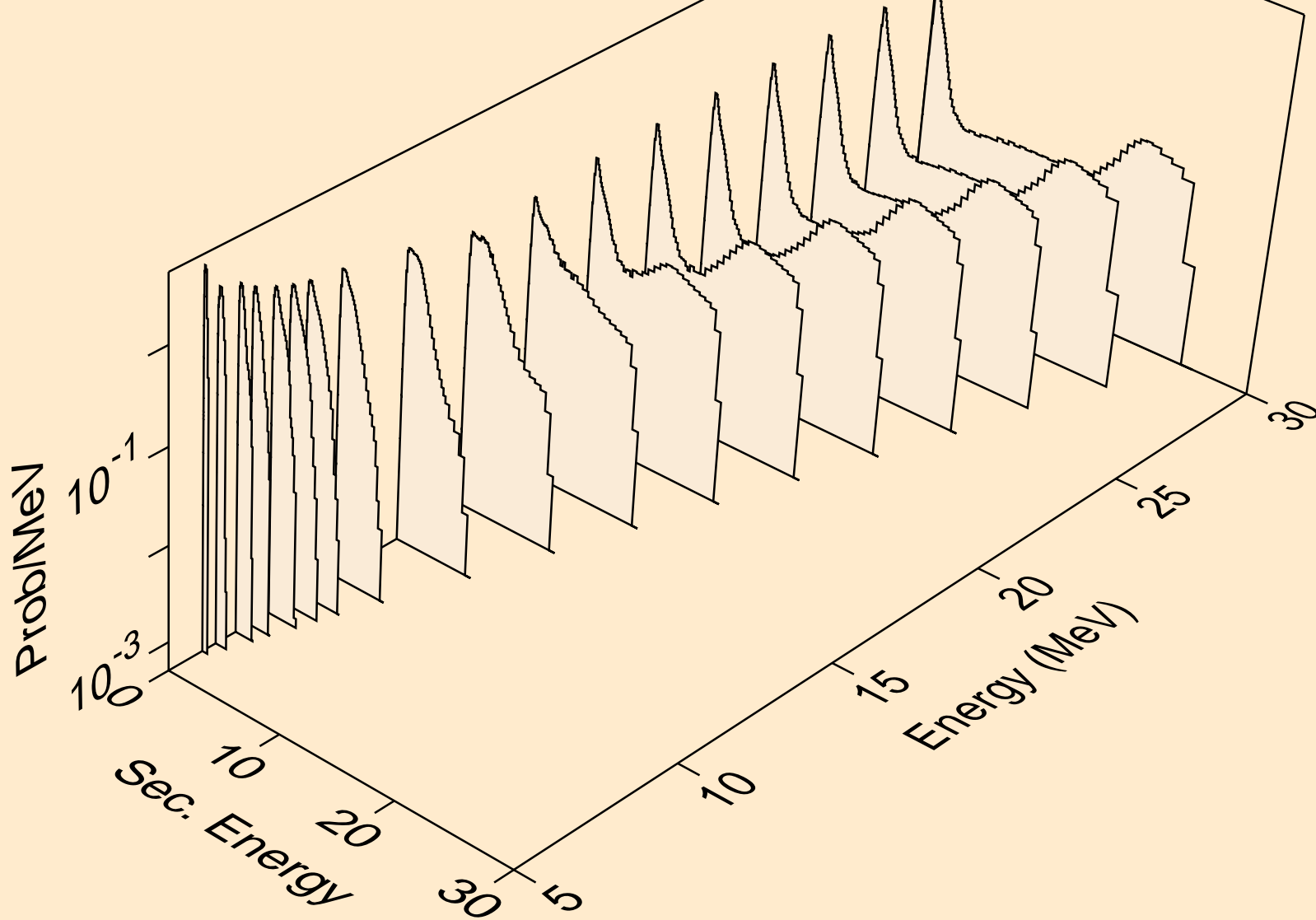
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



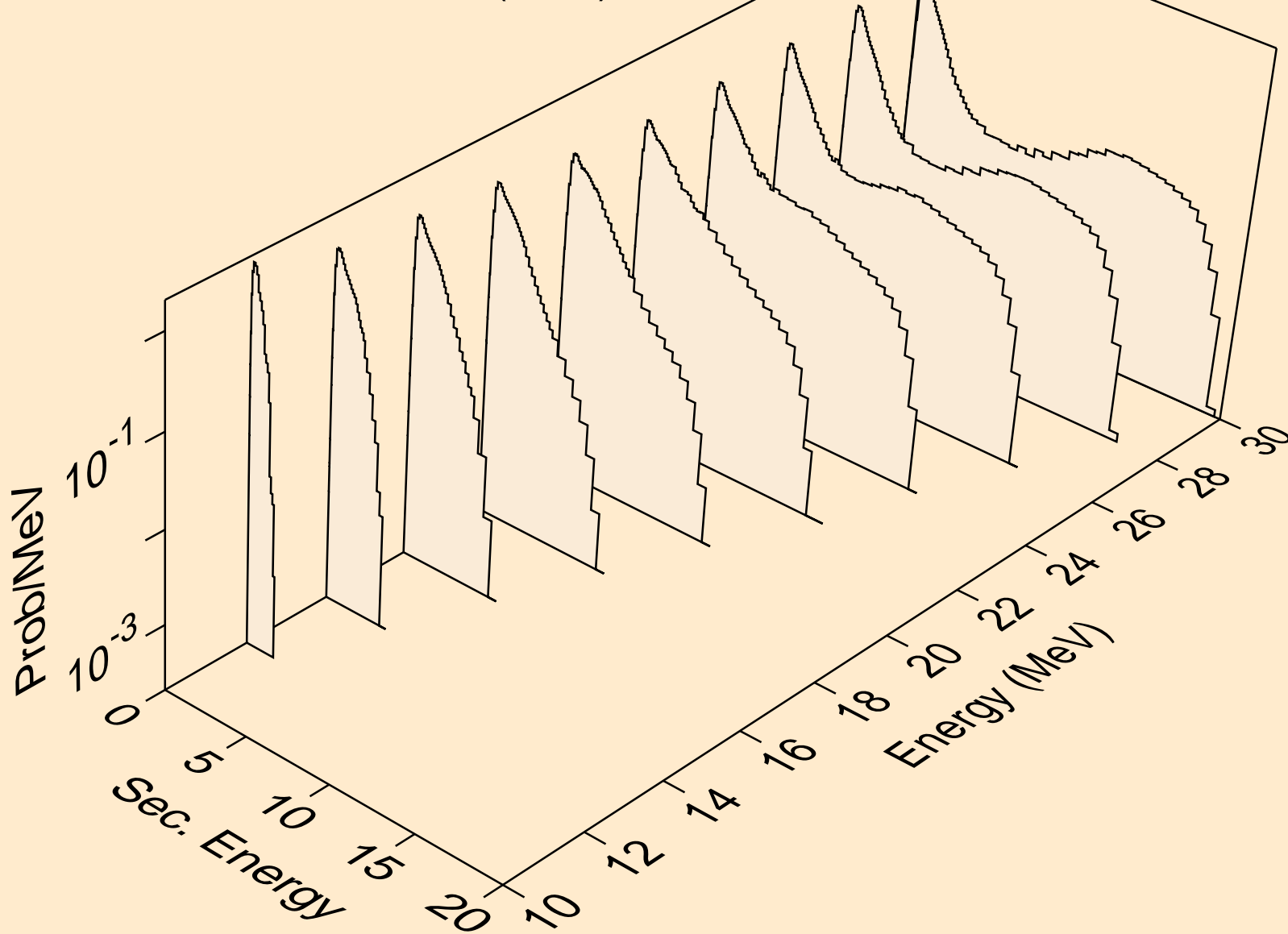
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



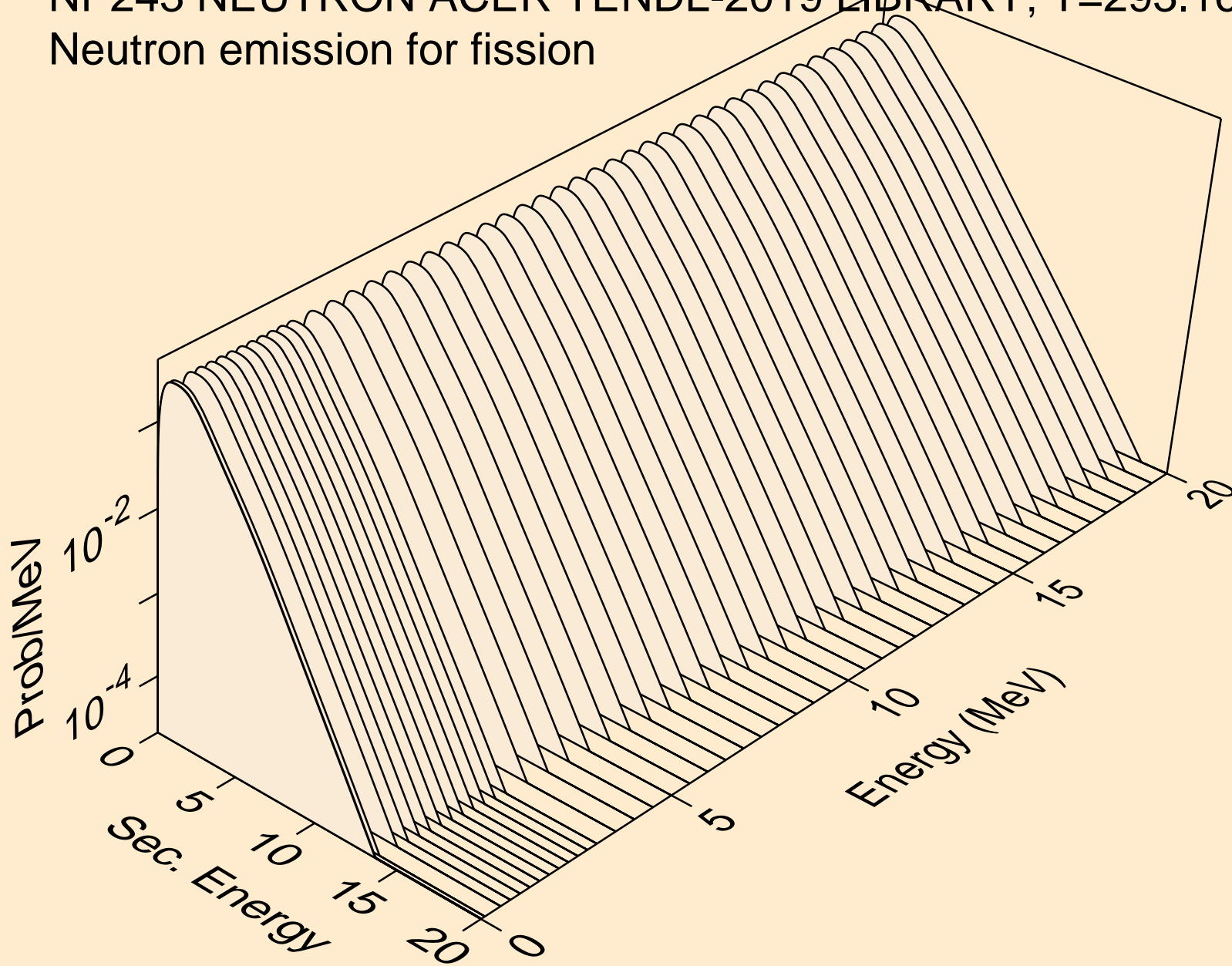
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



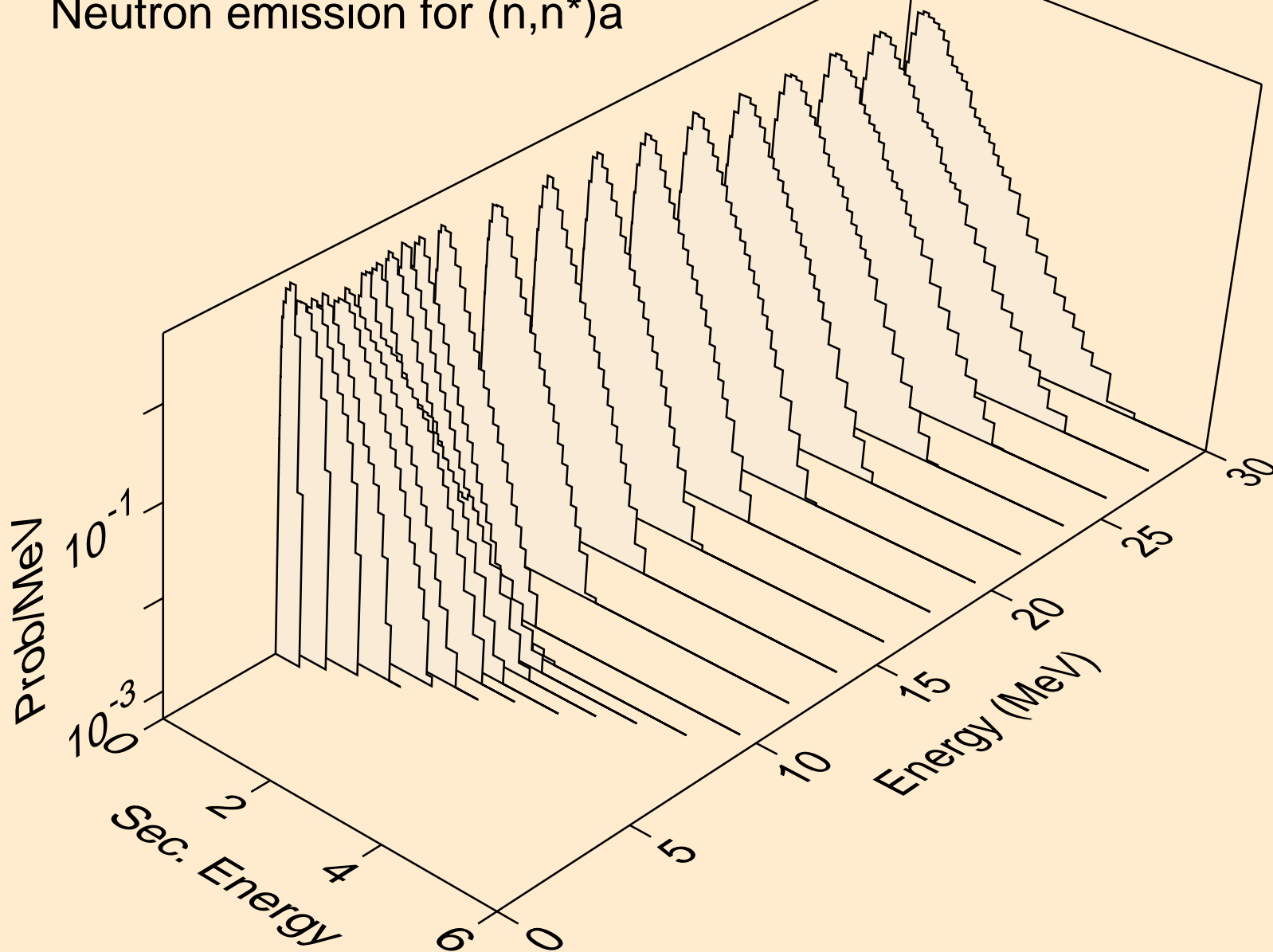
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for fission

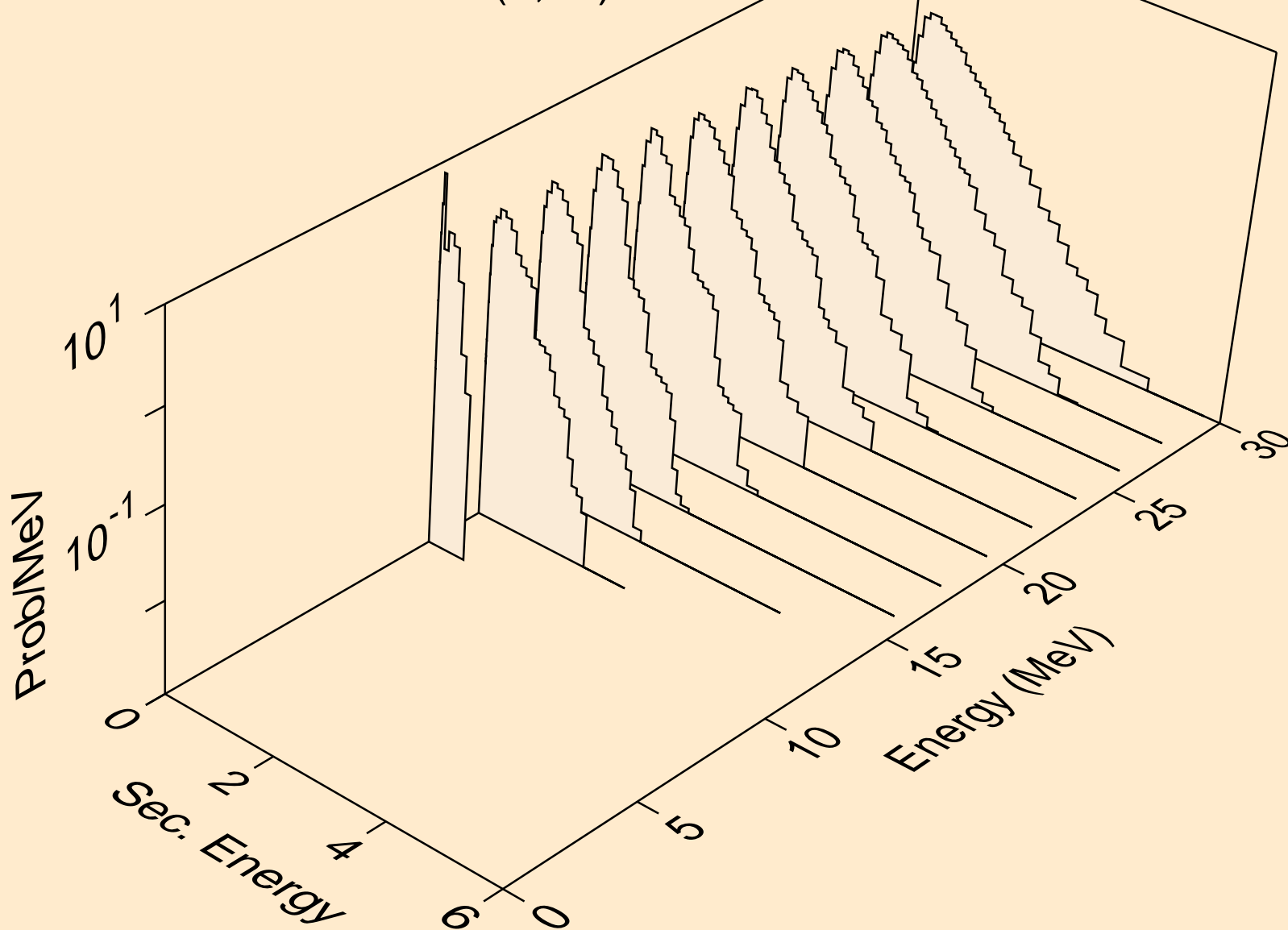


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a

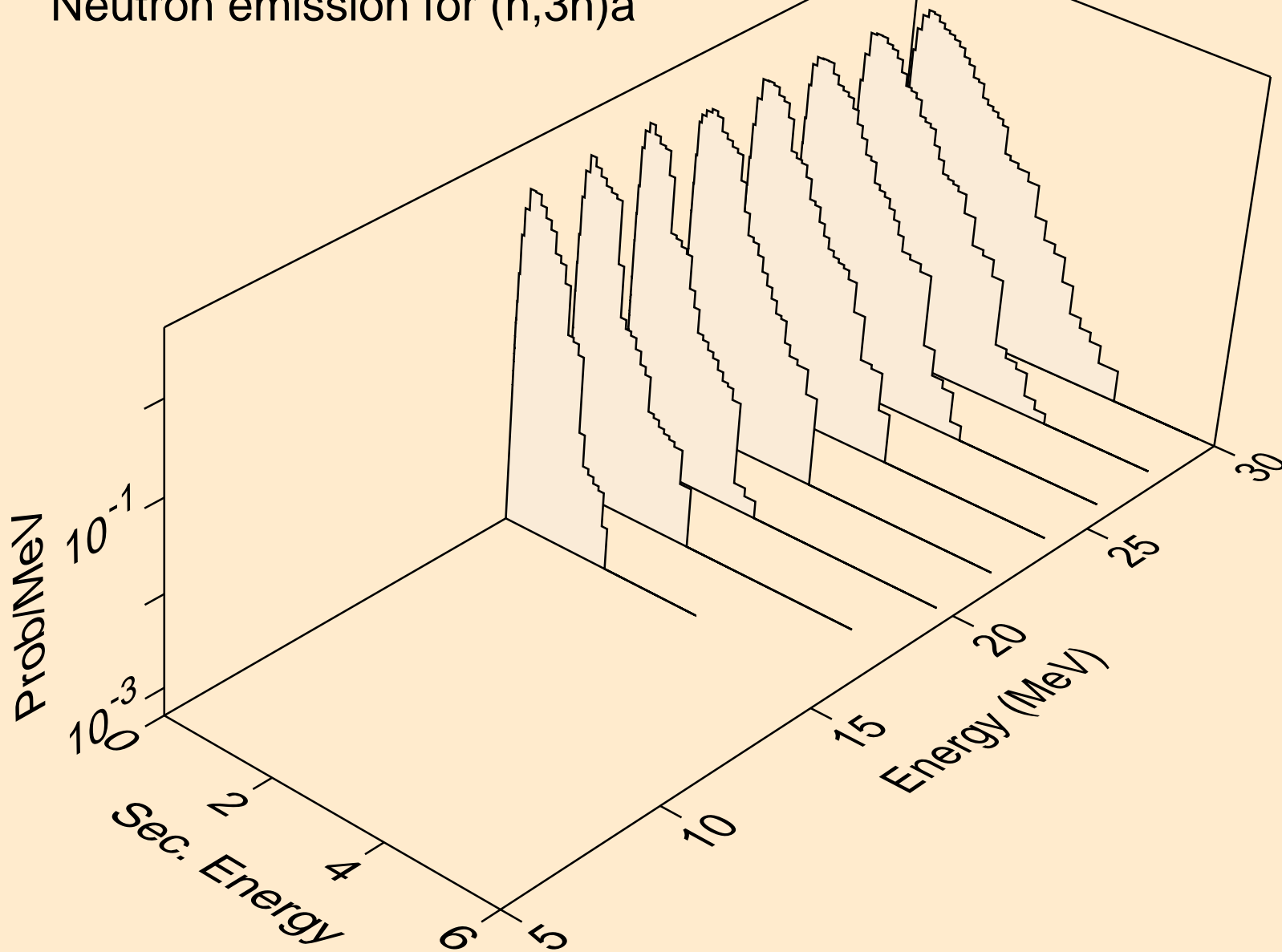




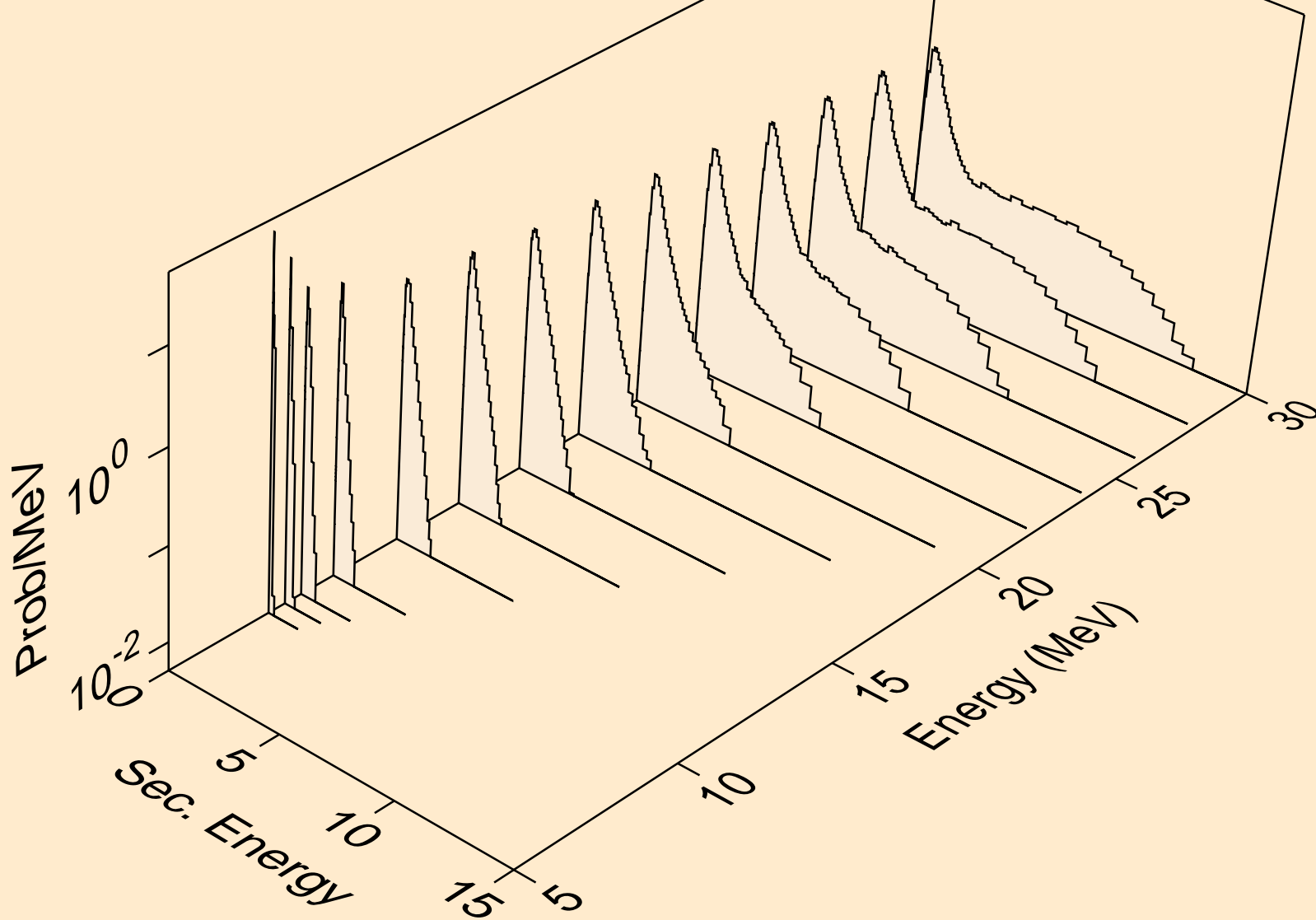
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



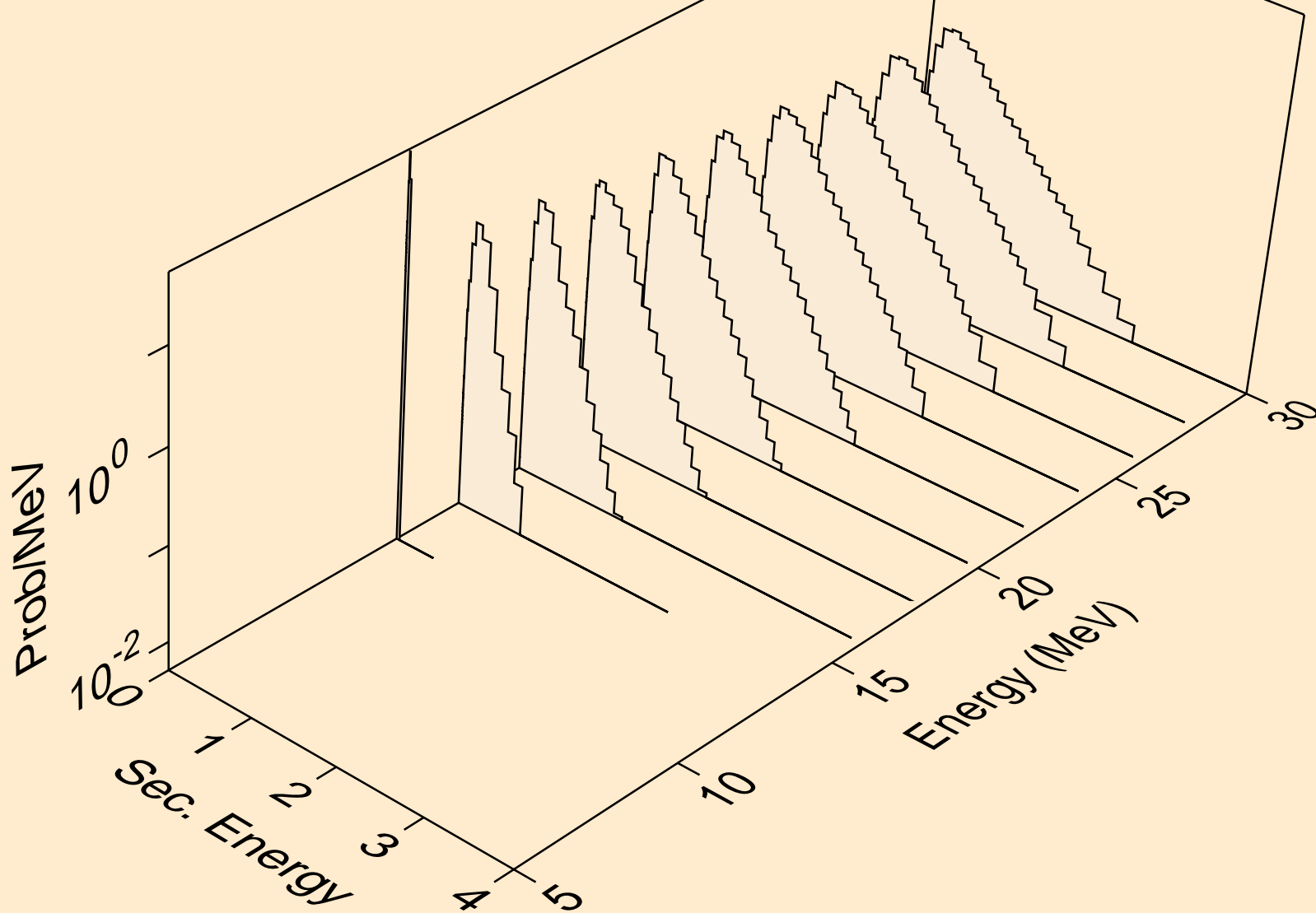
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



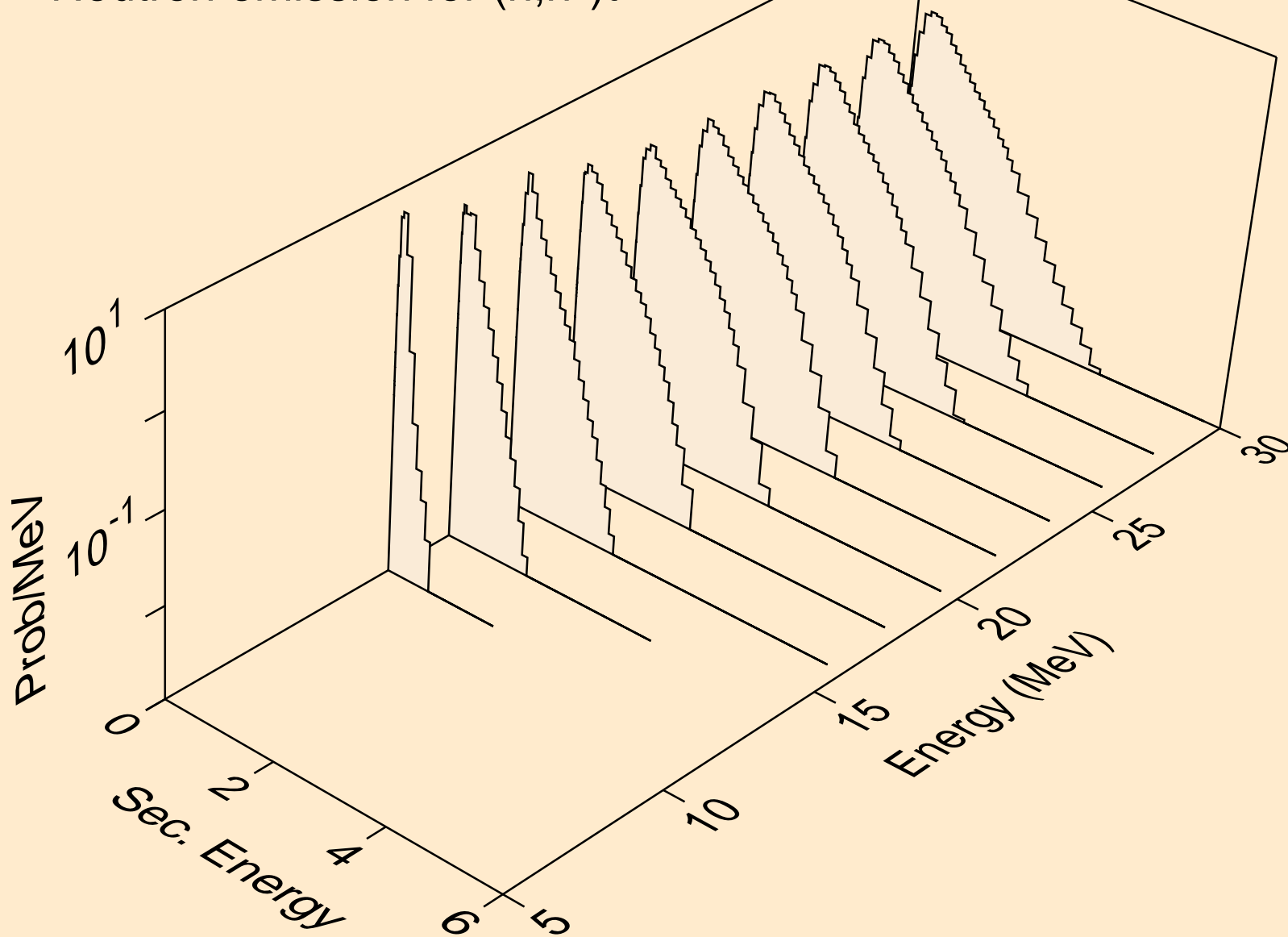
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



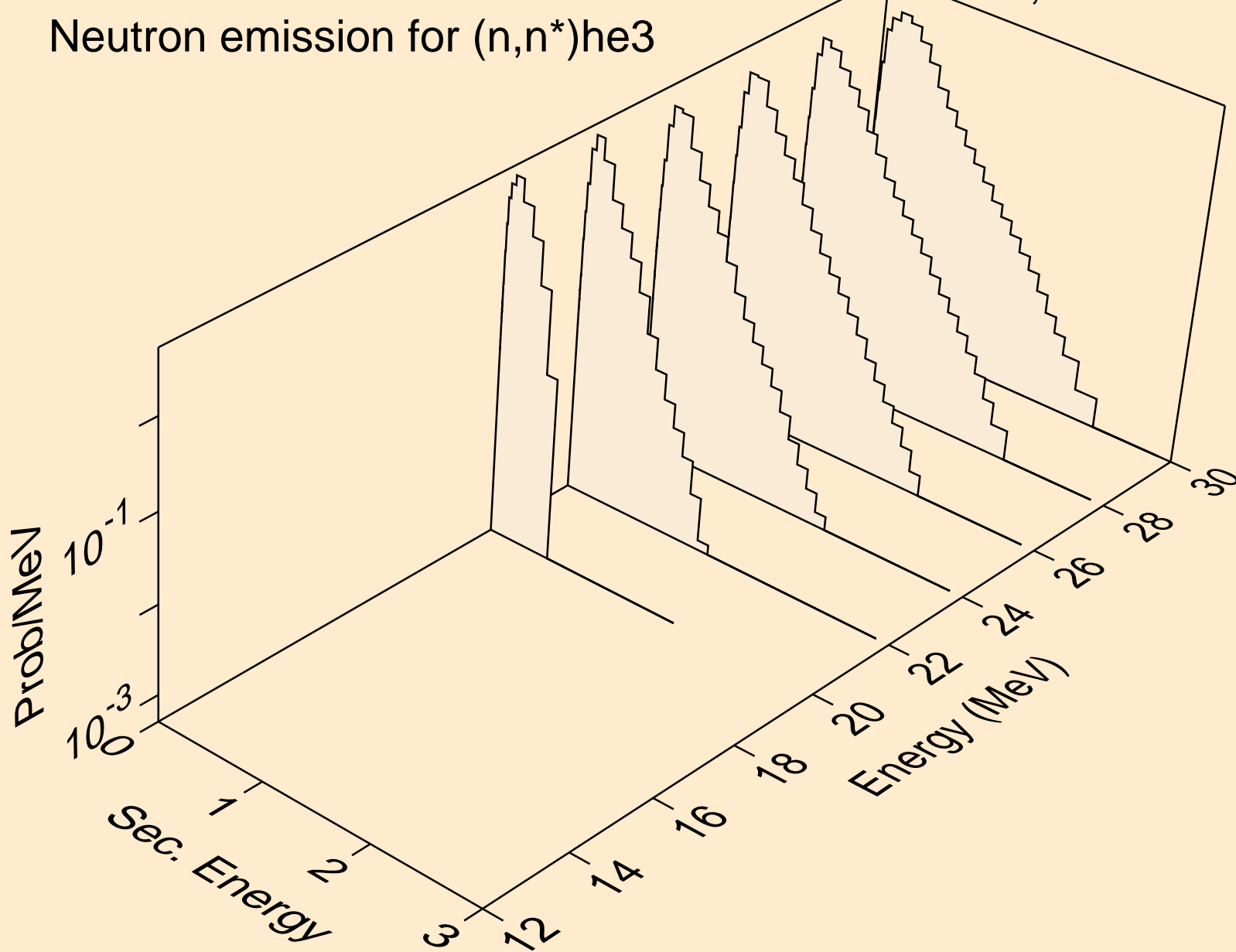
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



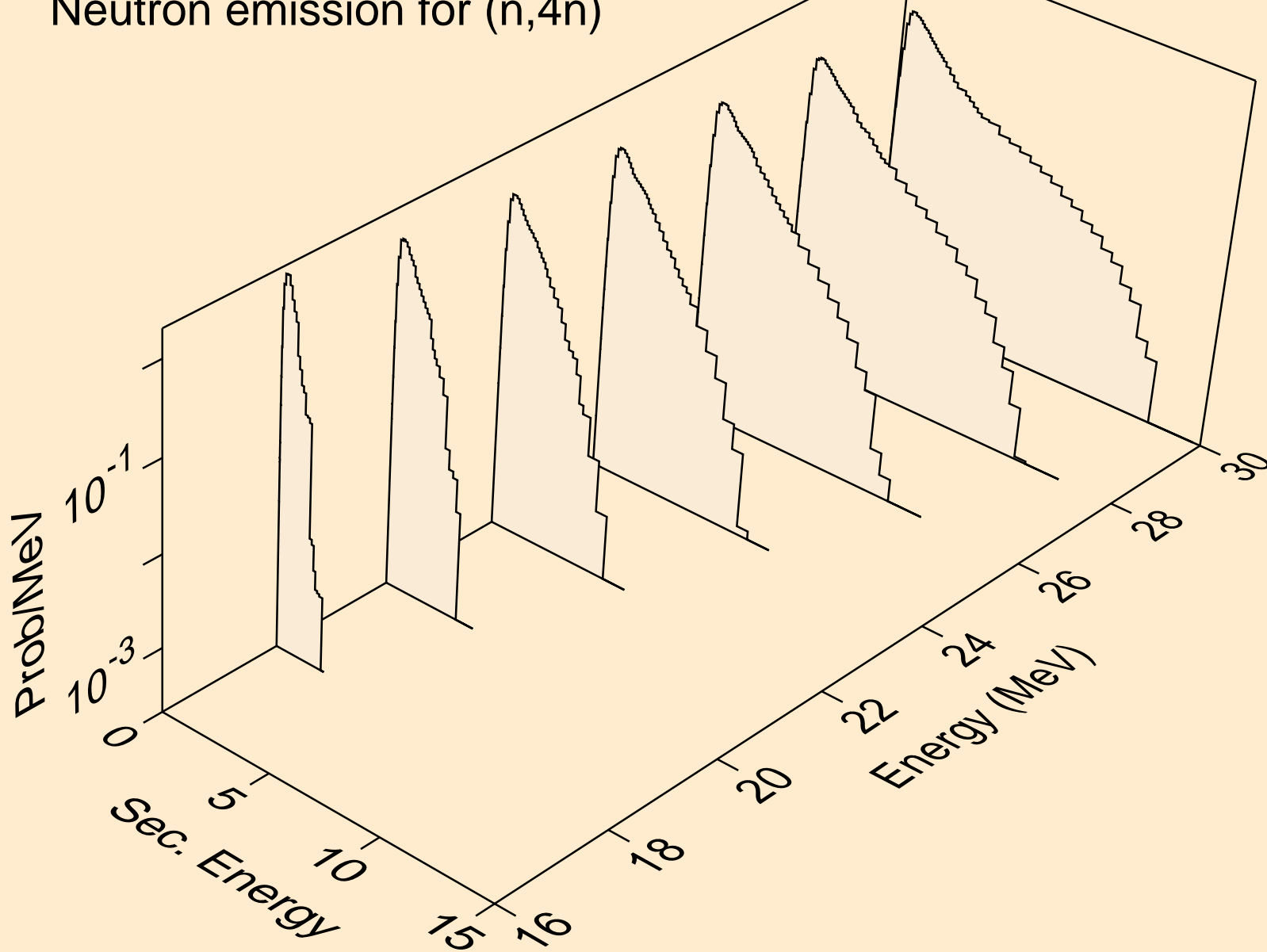
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



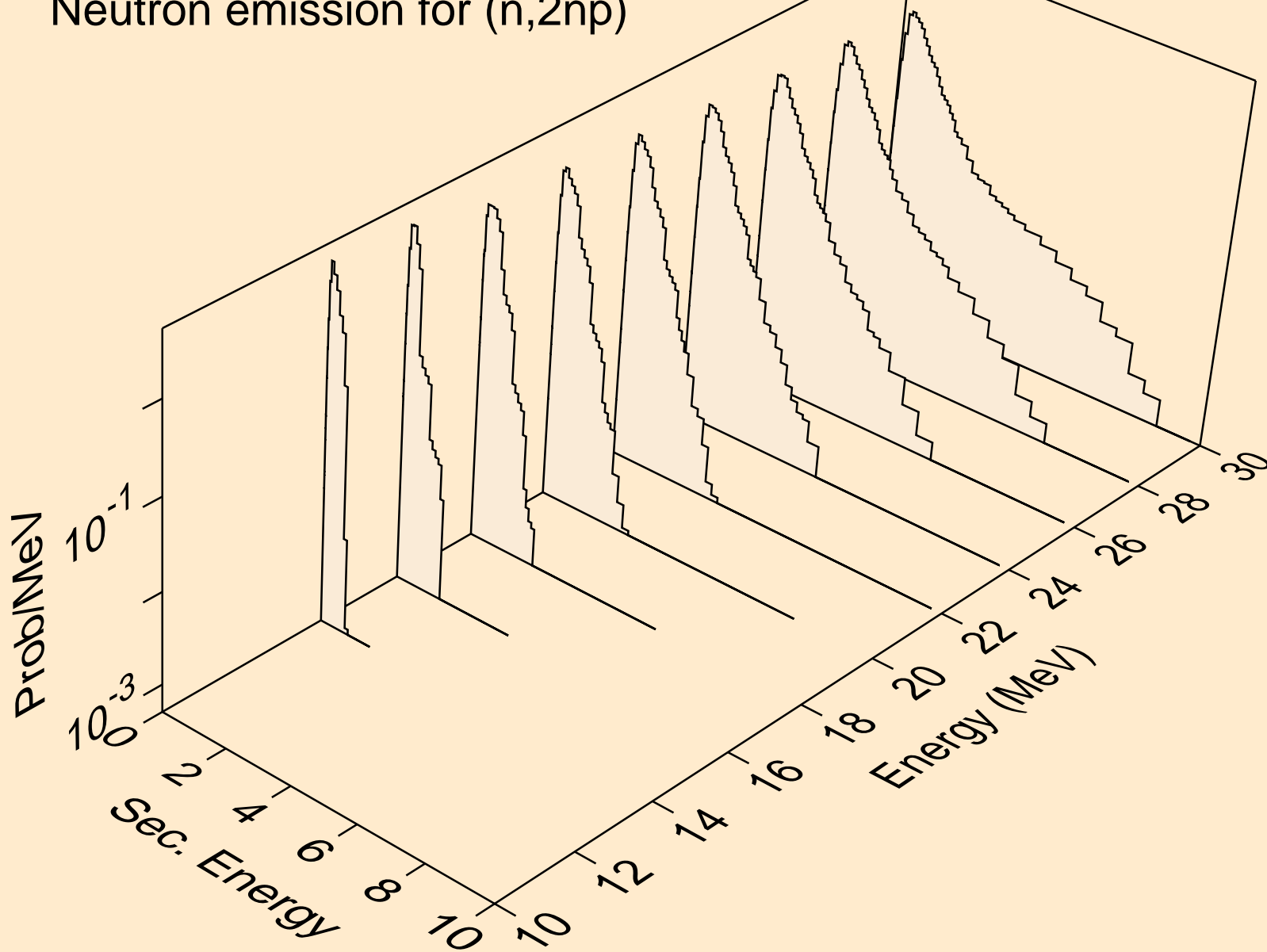
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)

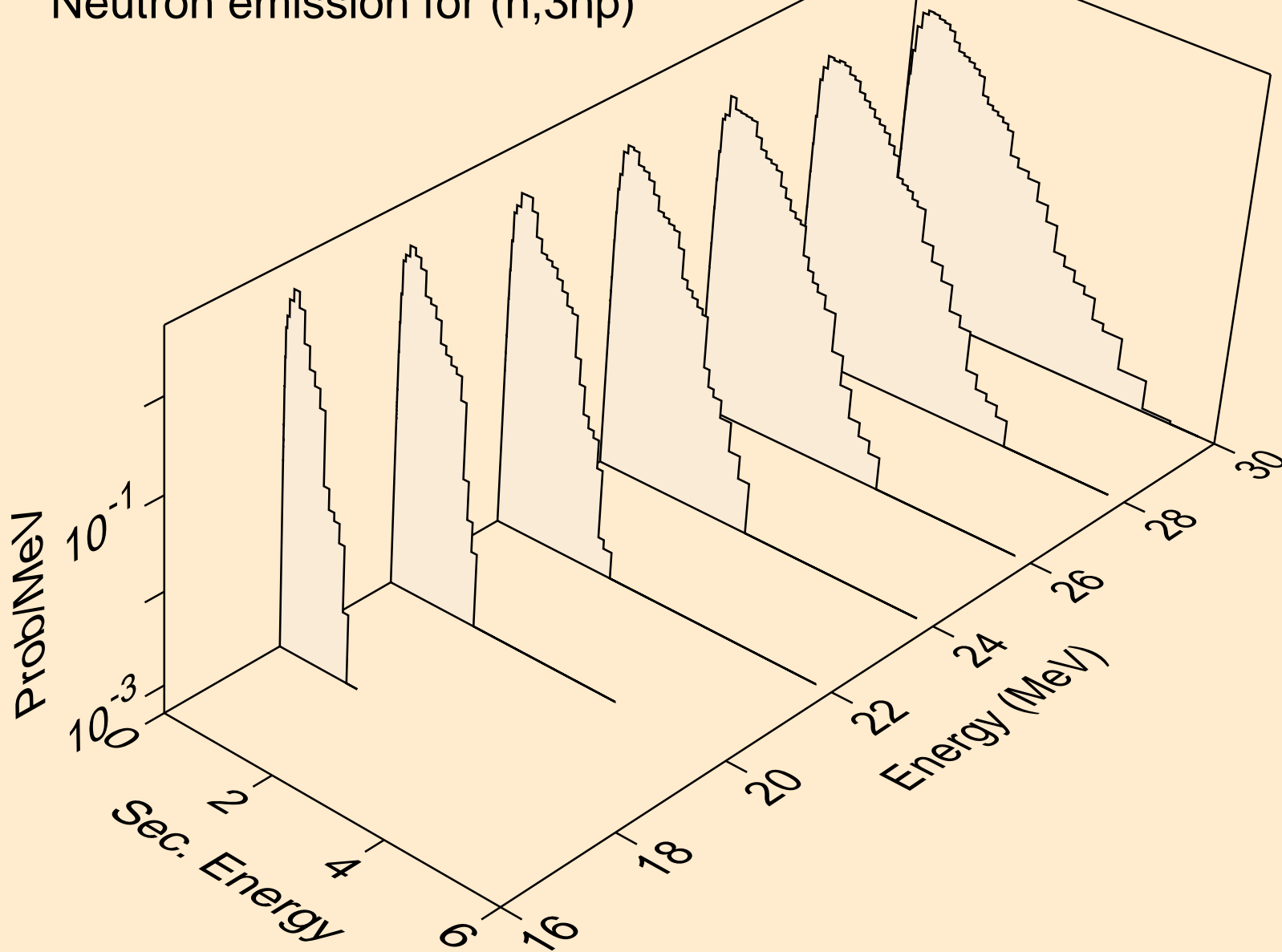


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

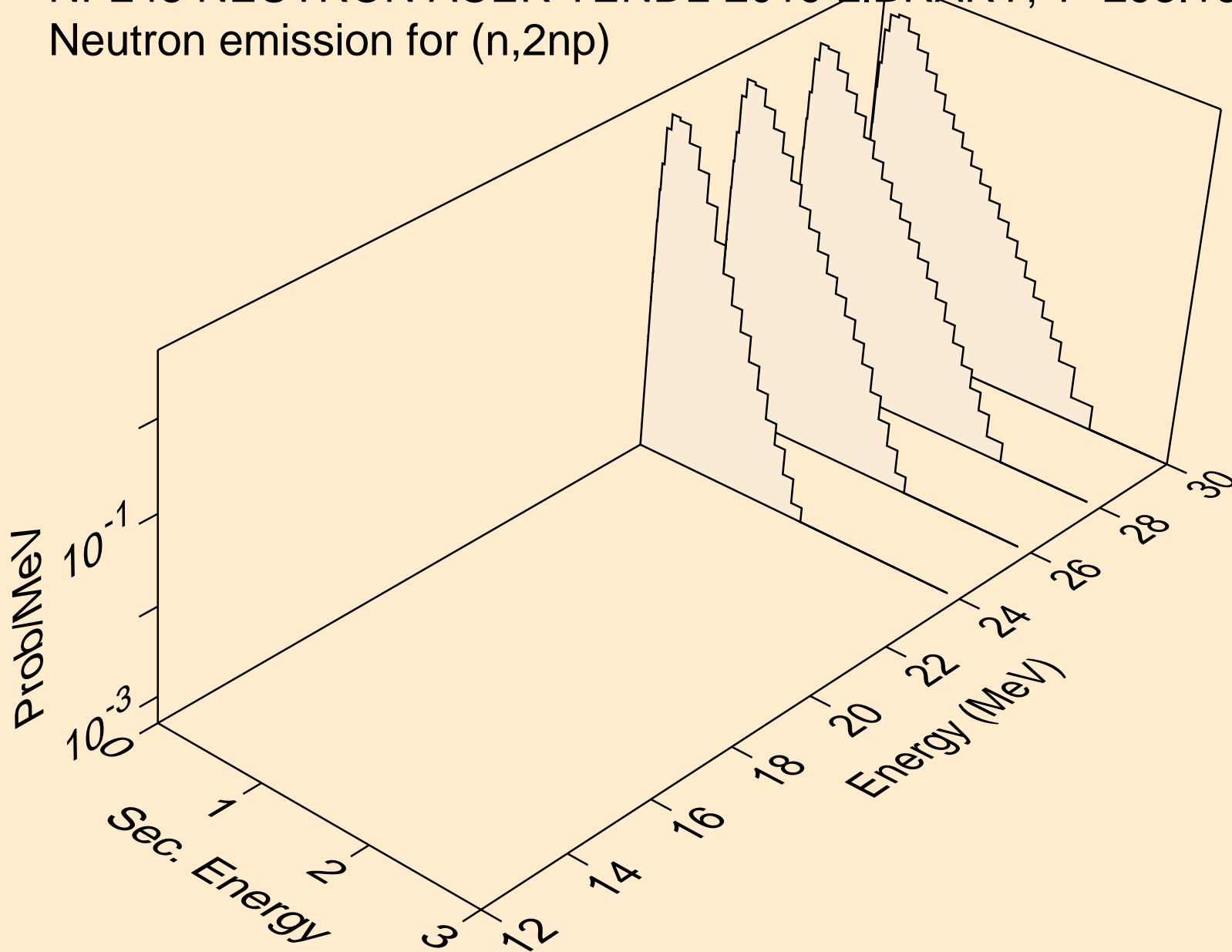




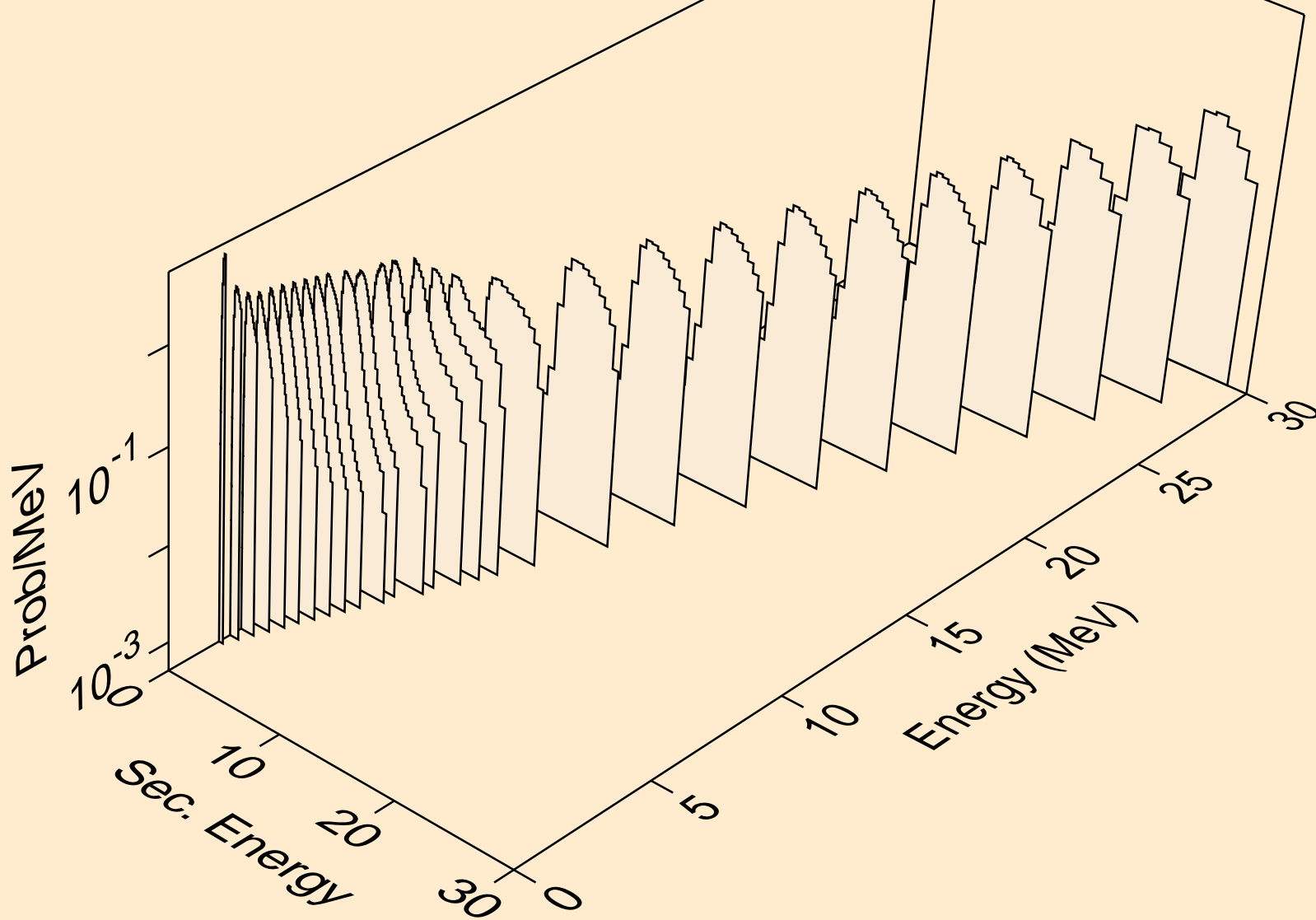
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



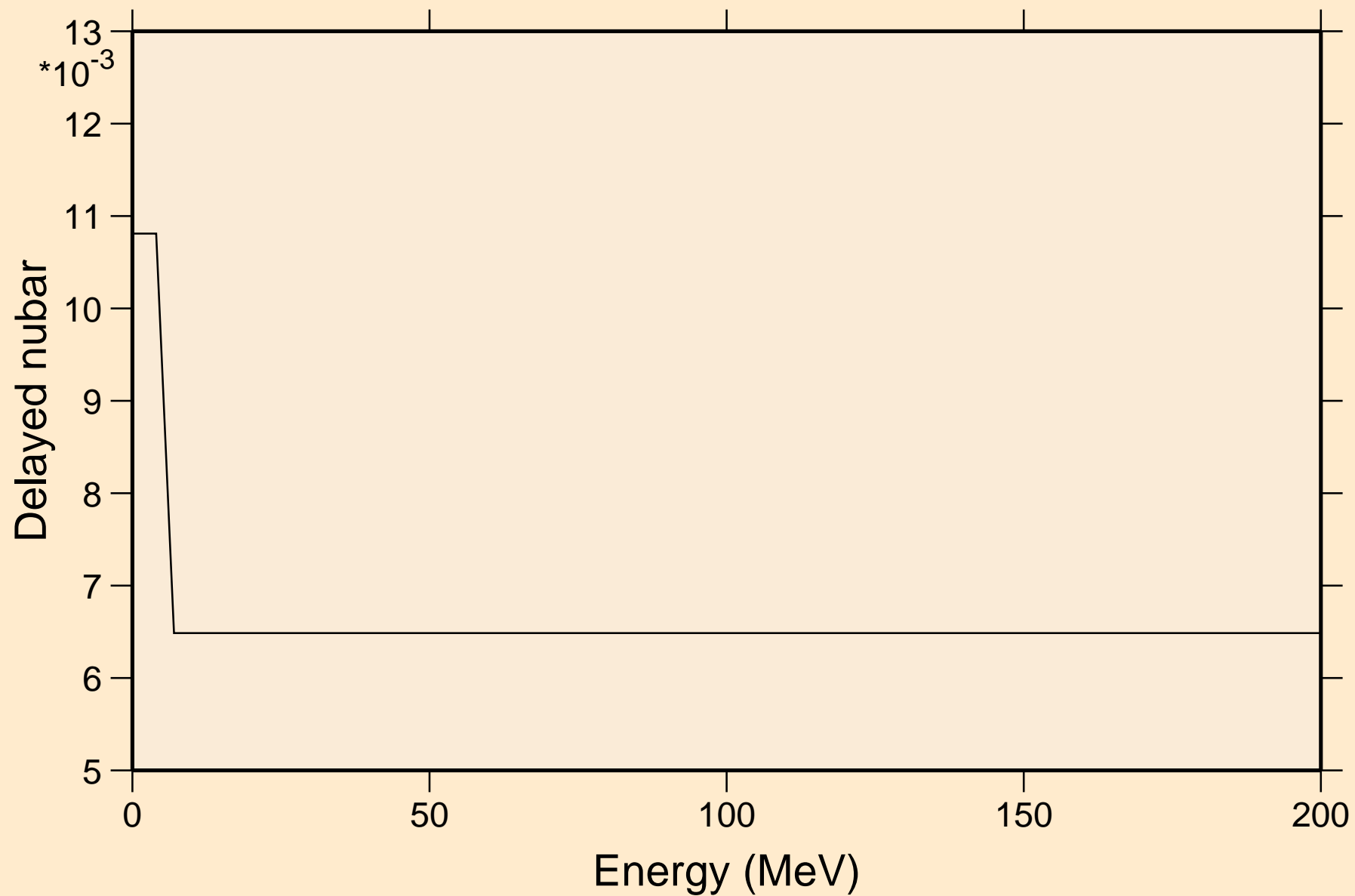
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)

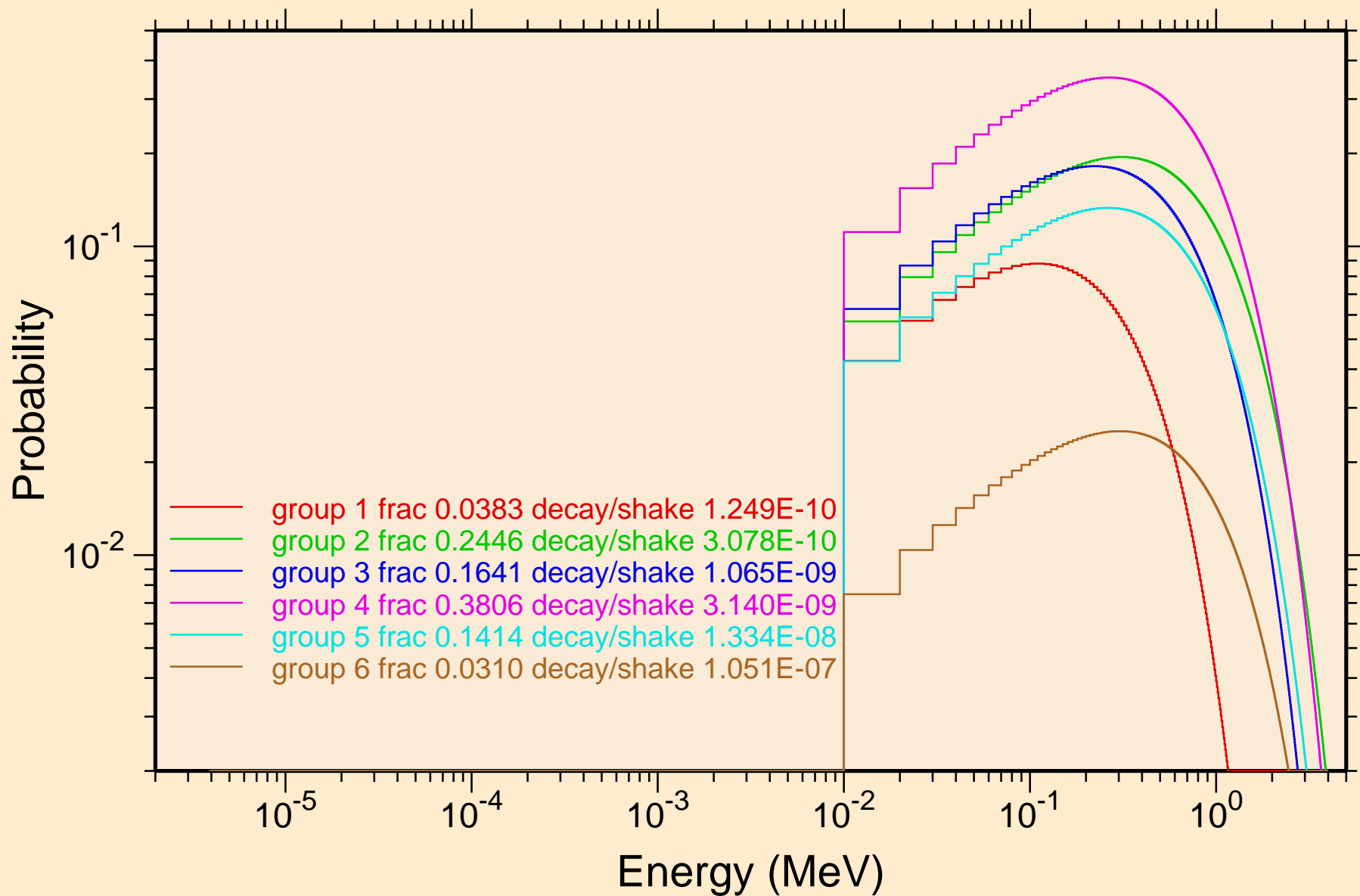


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Delayed nubar

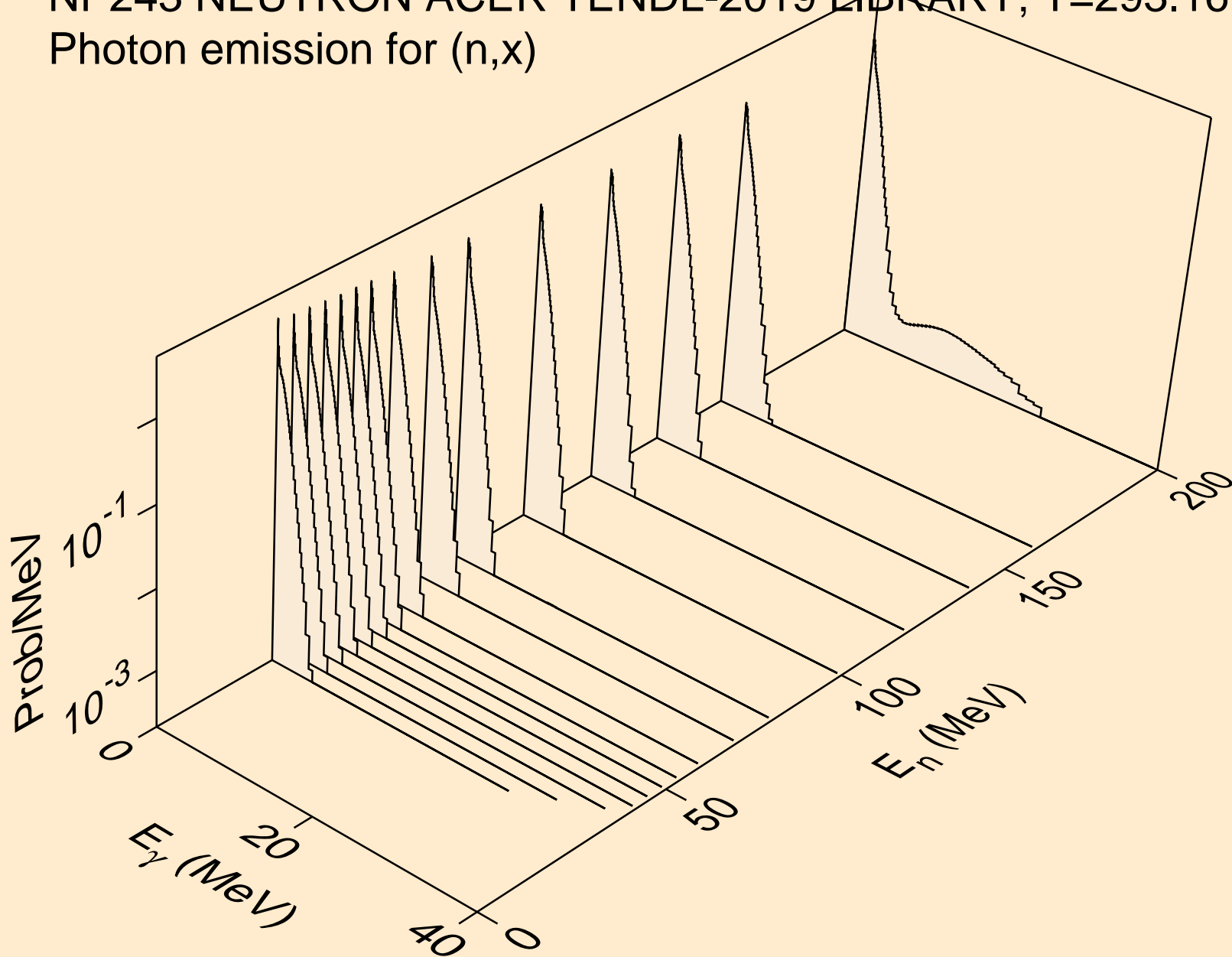


# NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

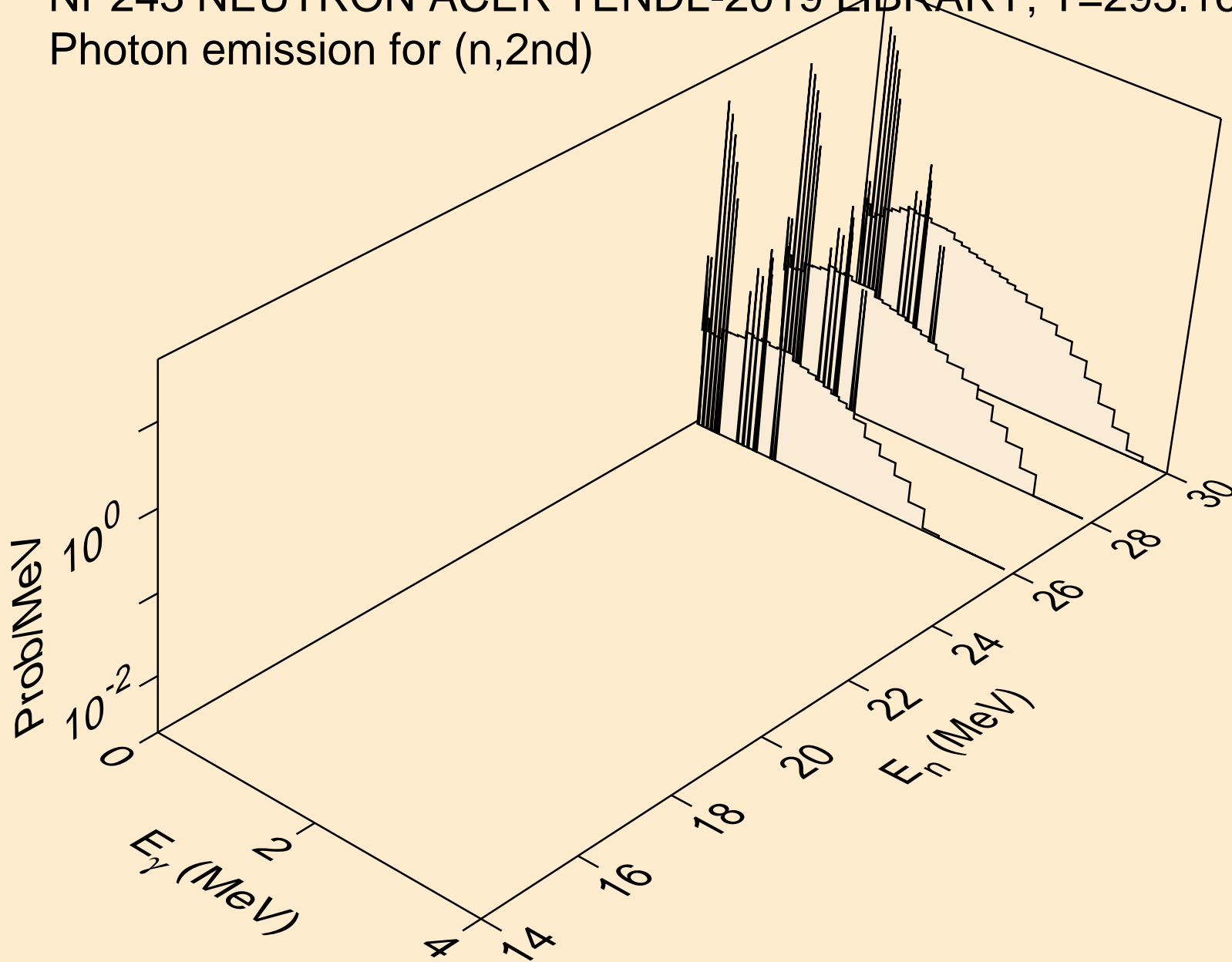
## Delayed neutron spectra



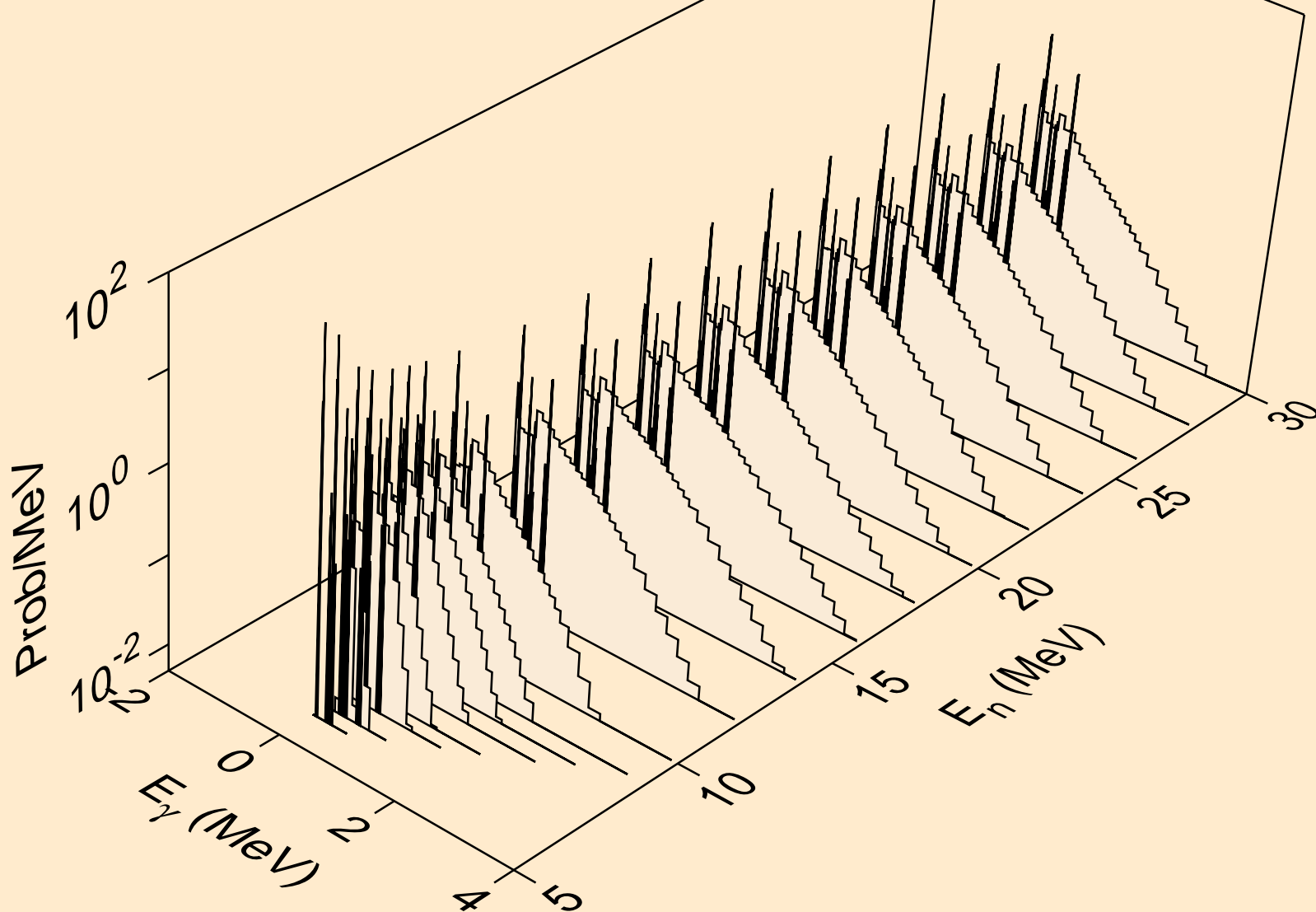
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)

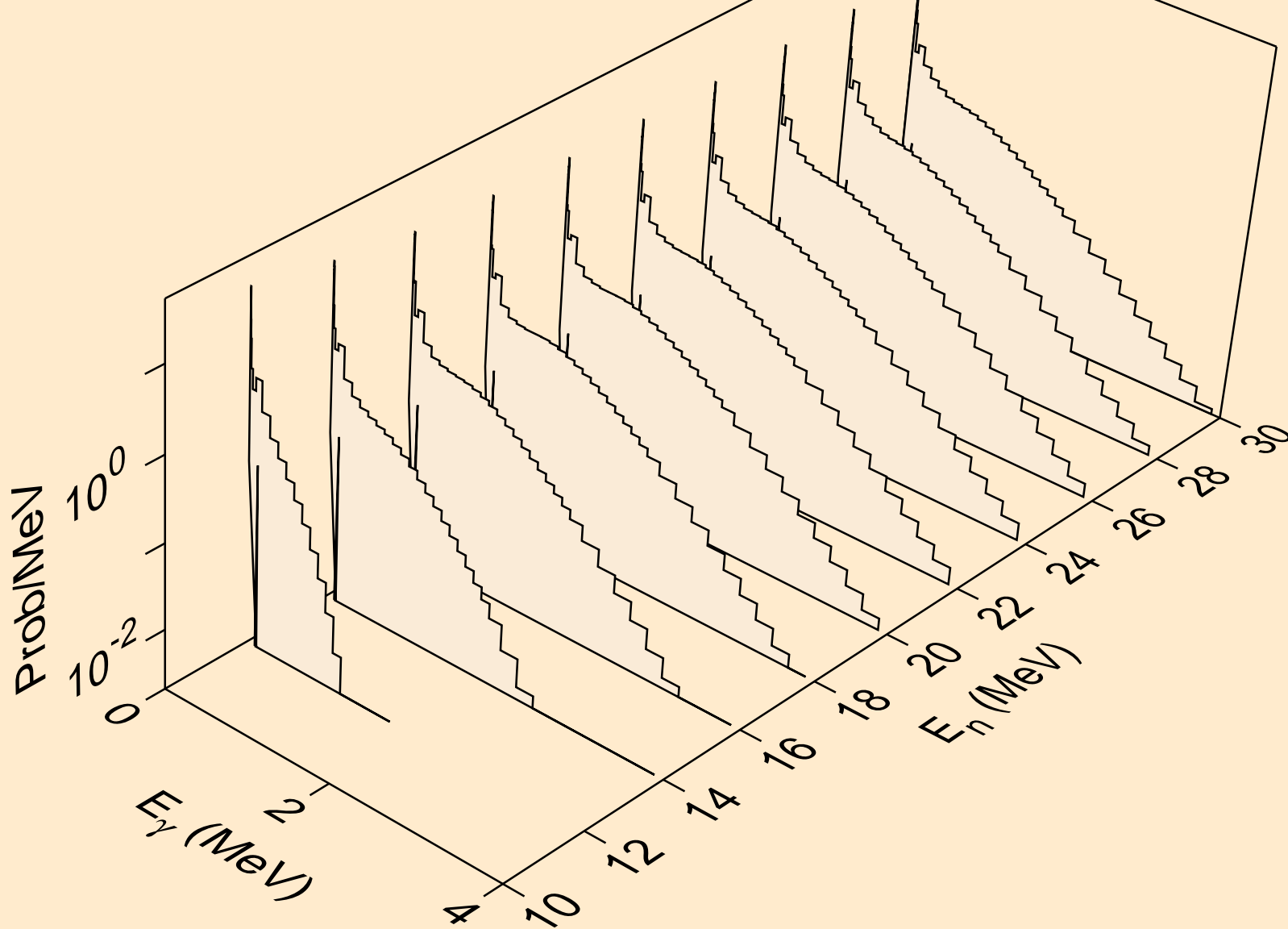


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)

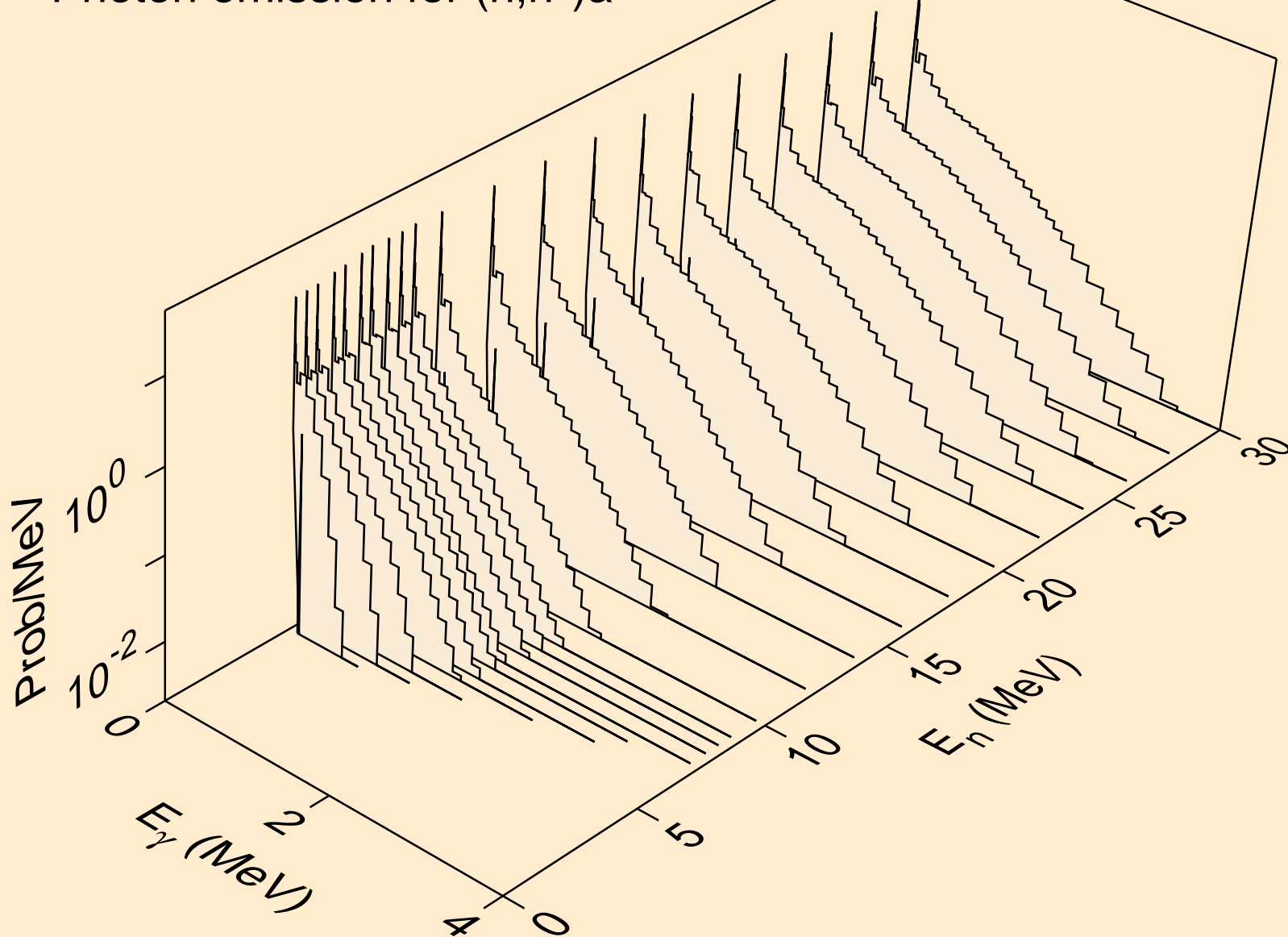




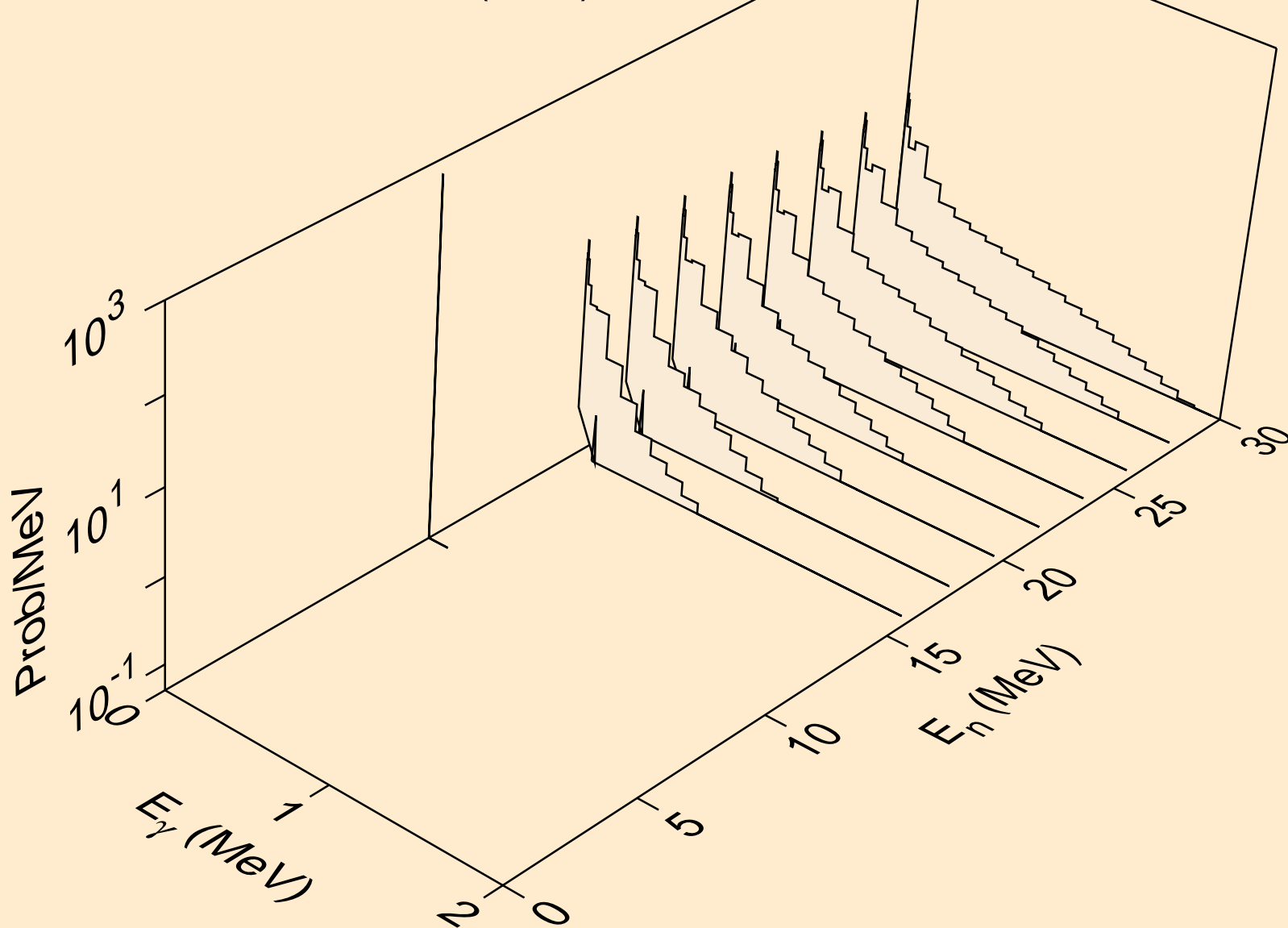
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



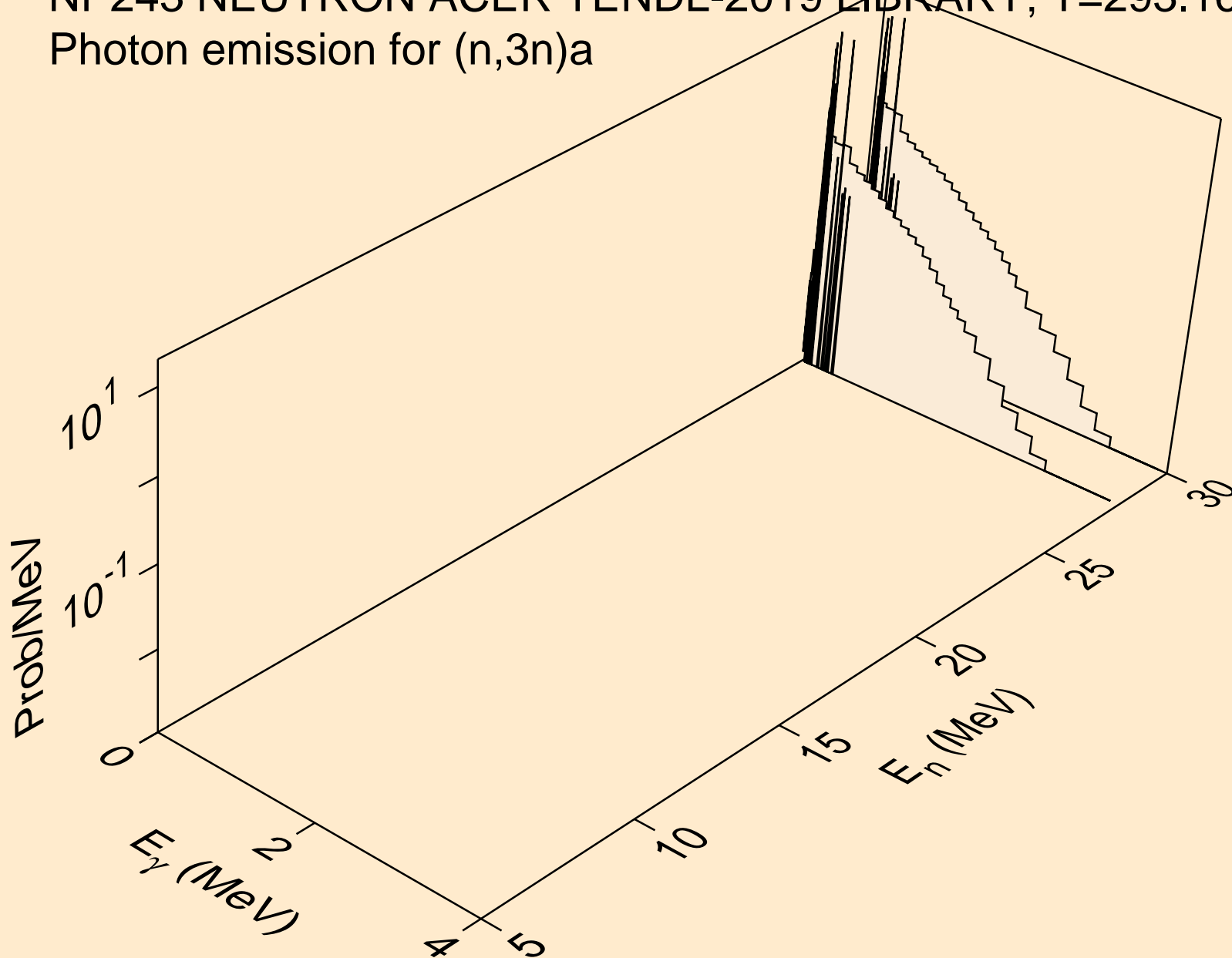
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



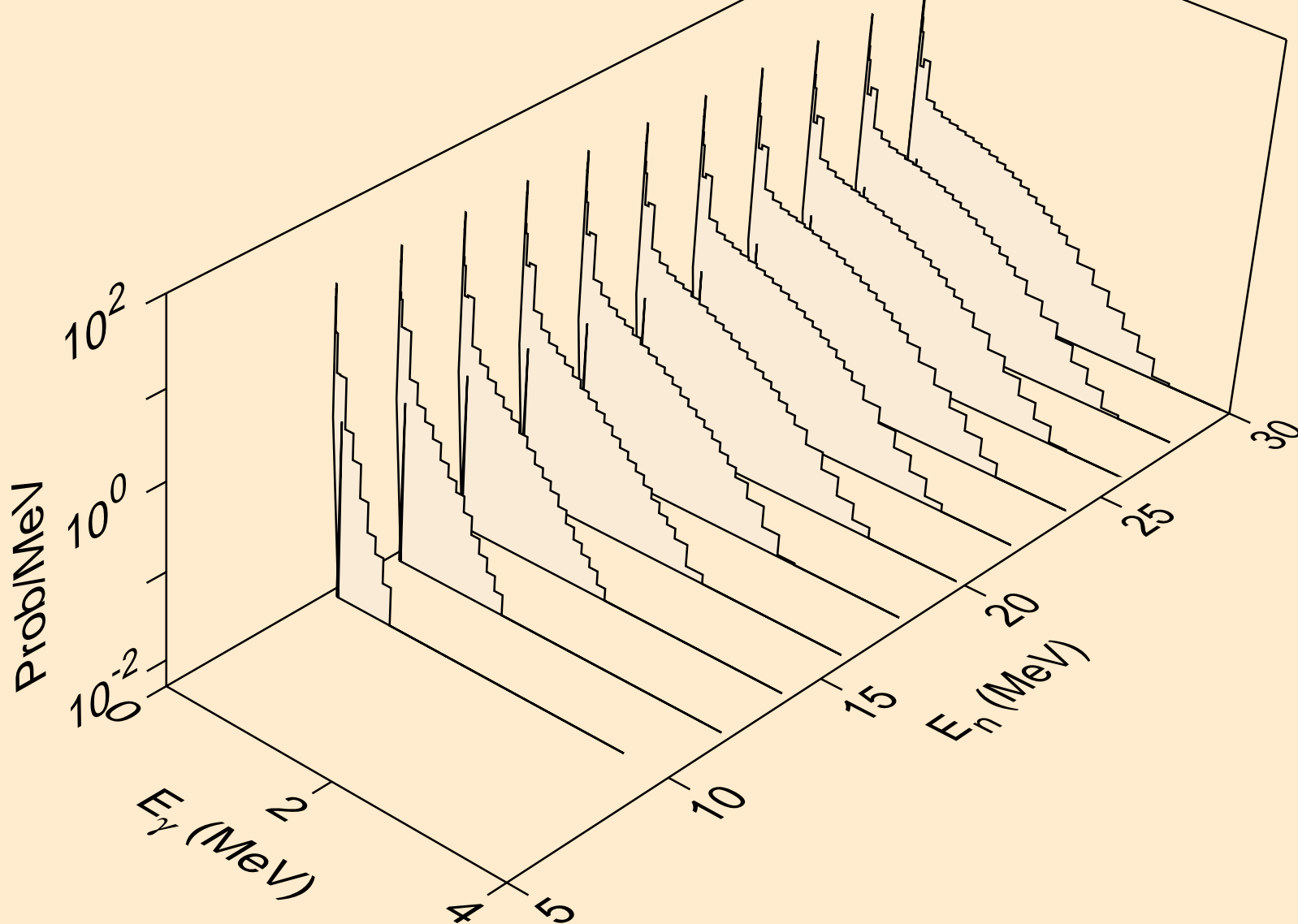
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



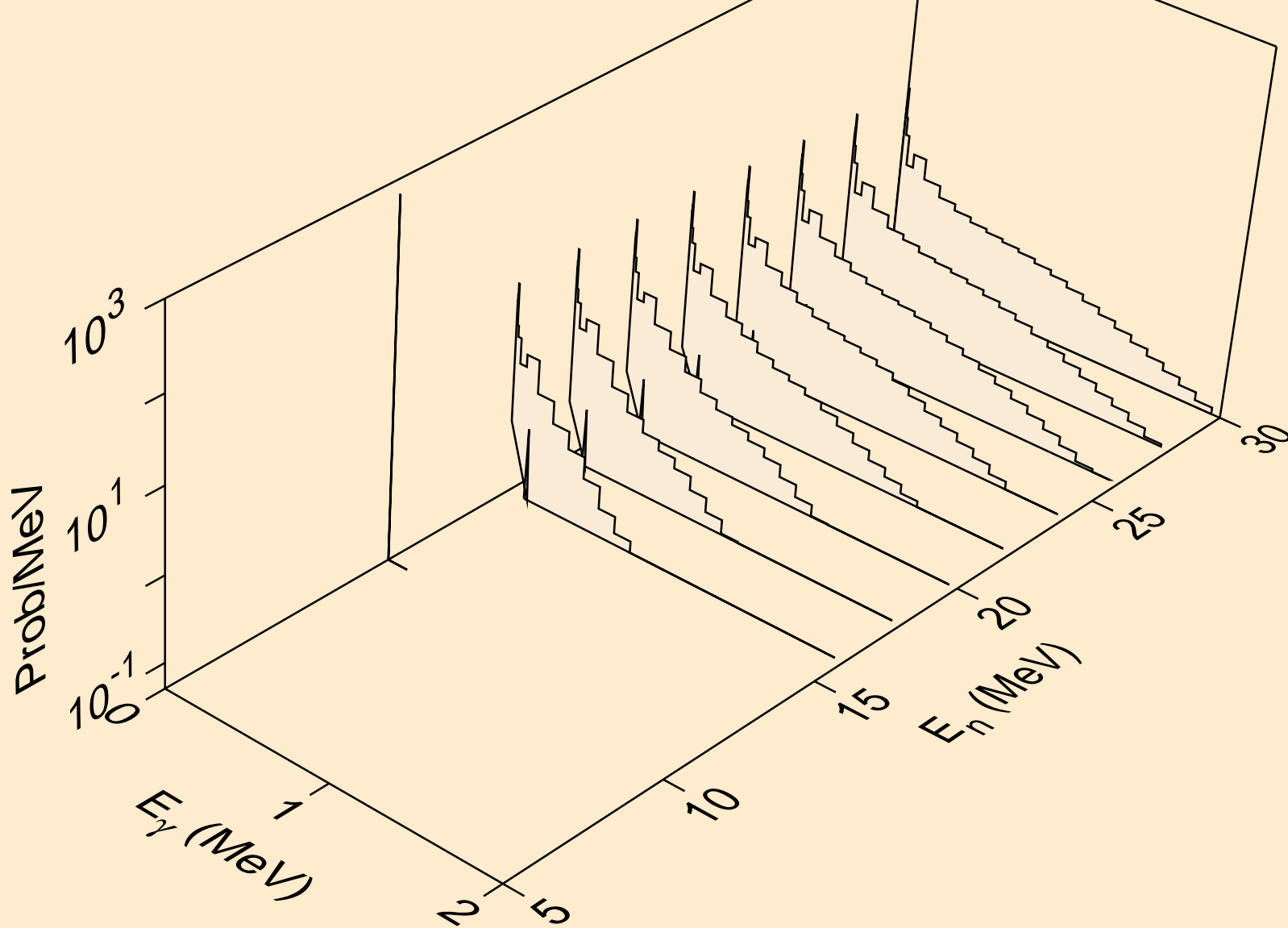
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



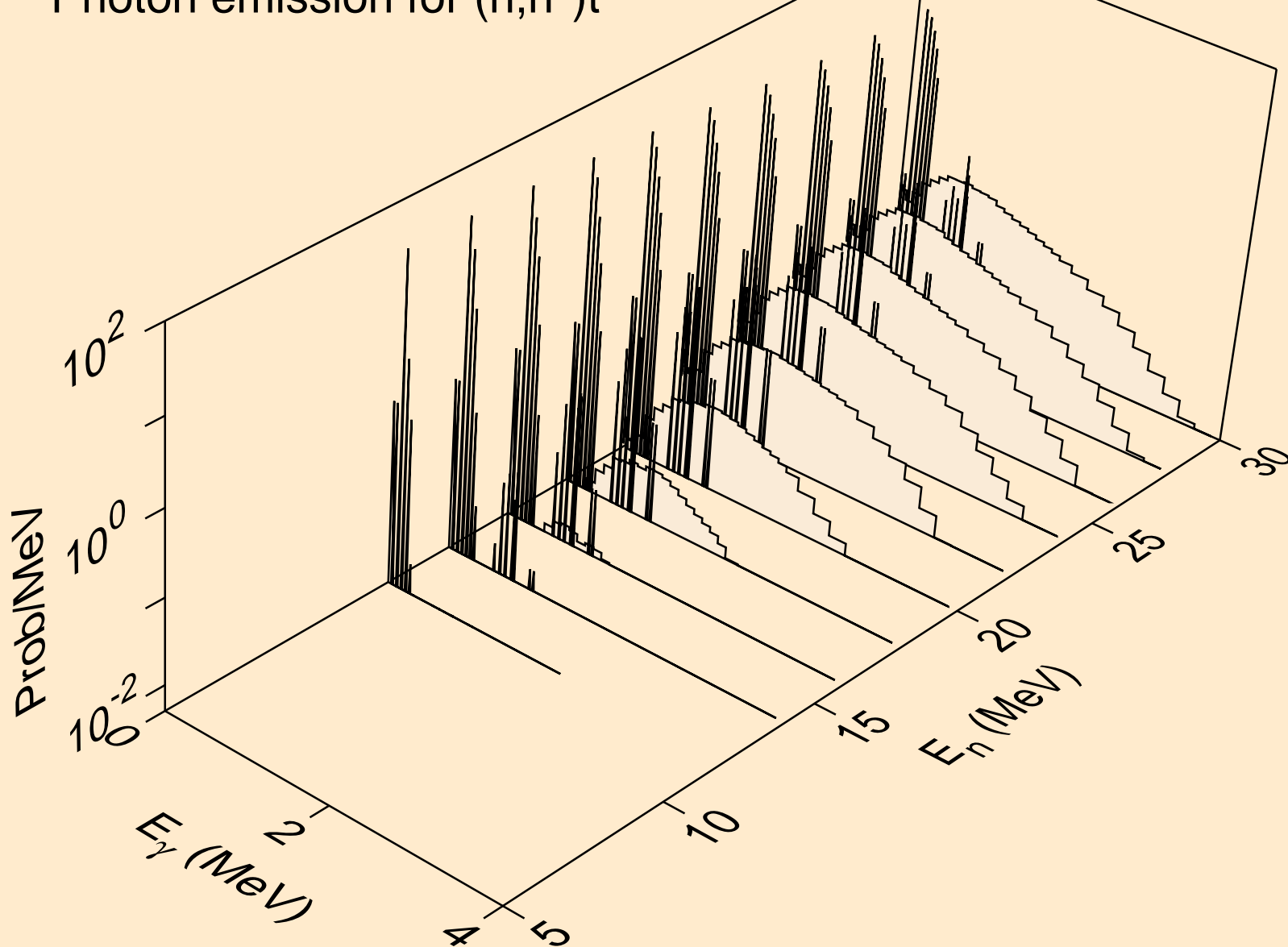
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



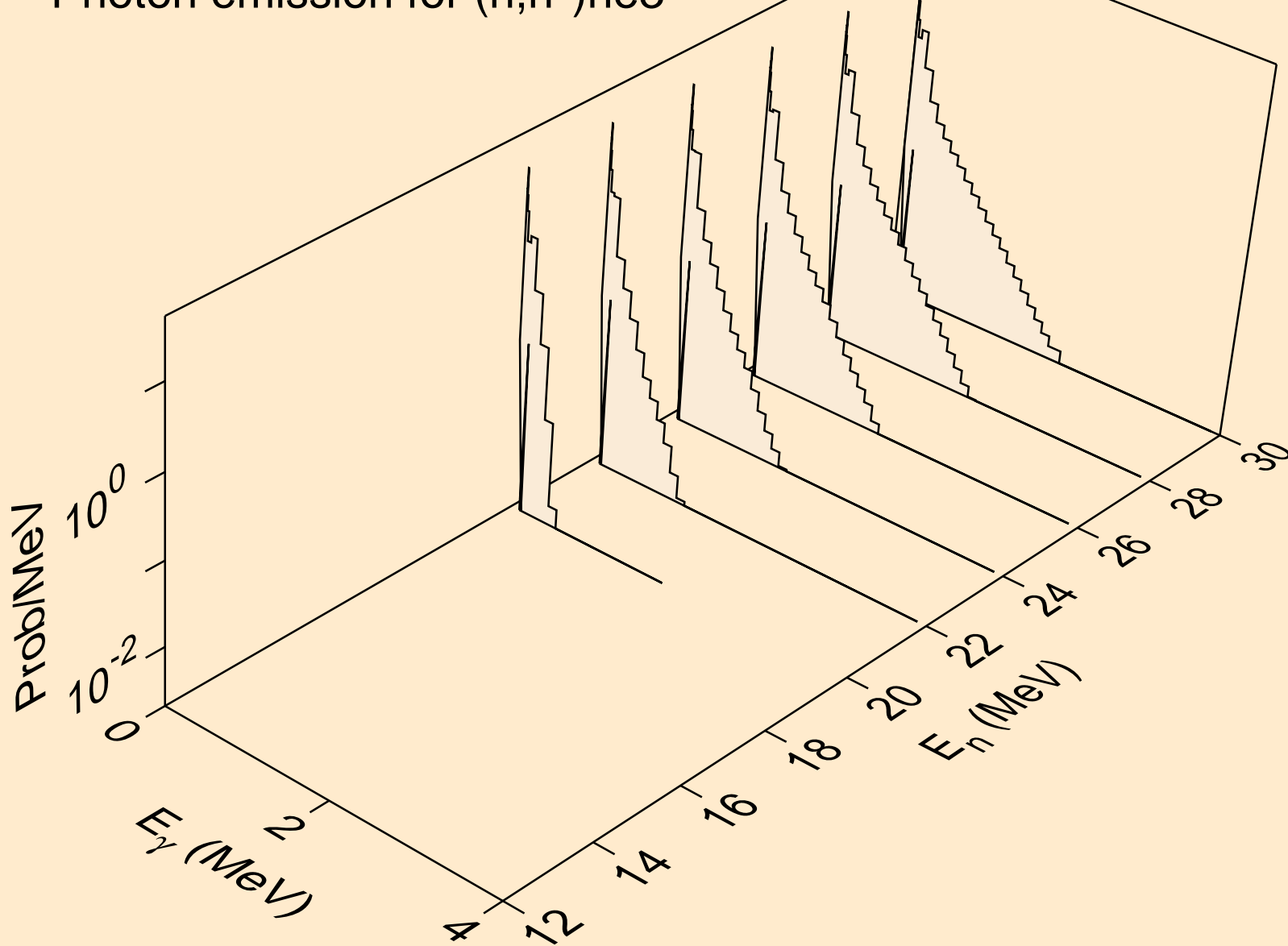
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t

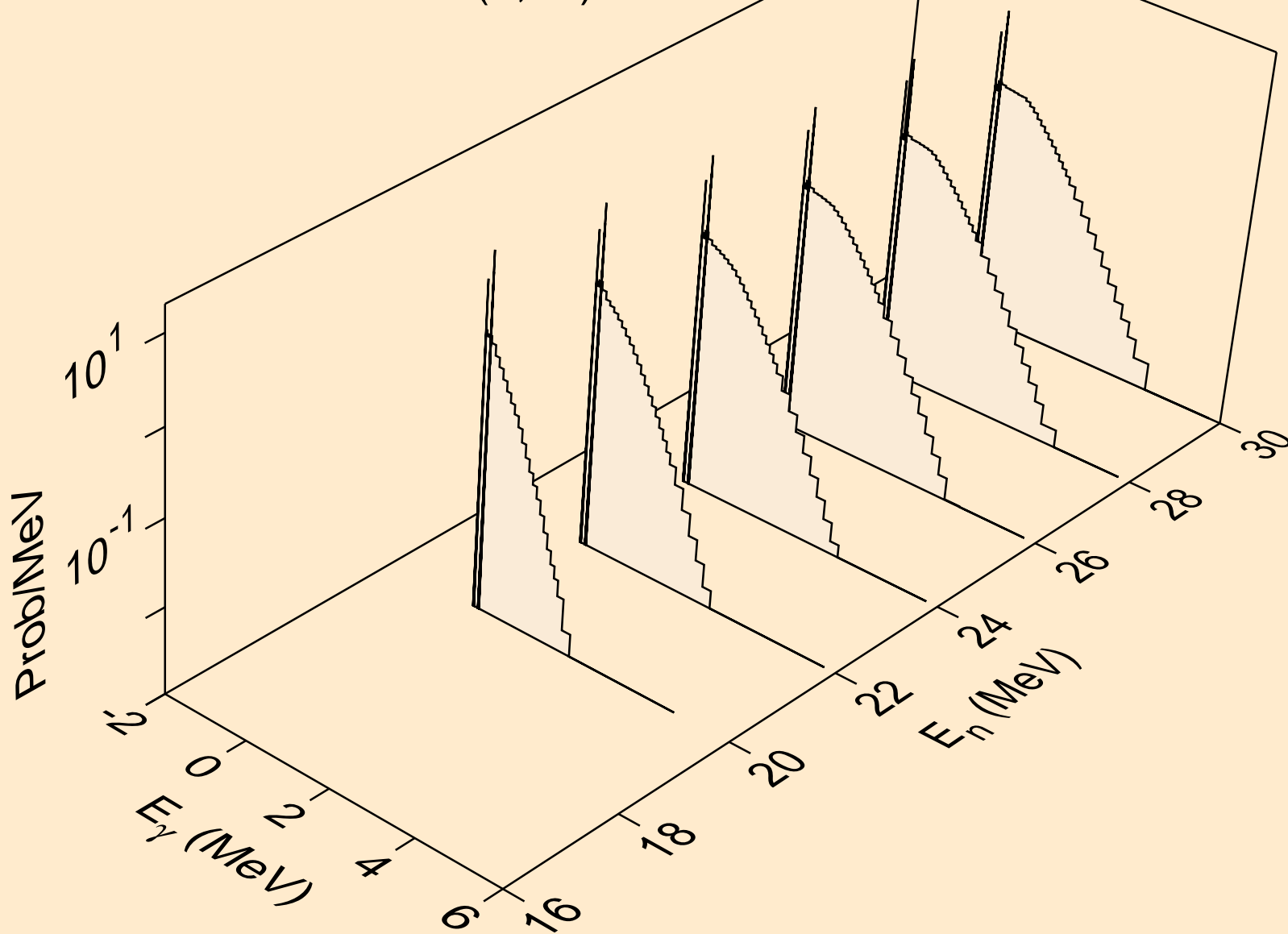


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3

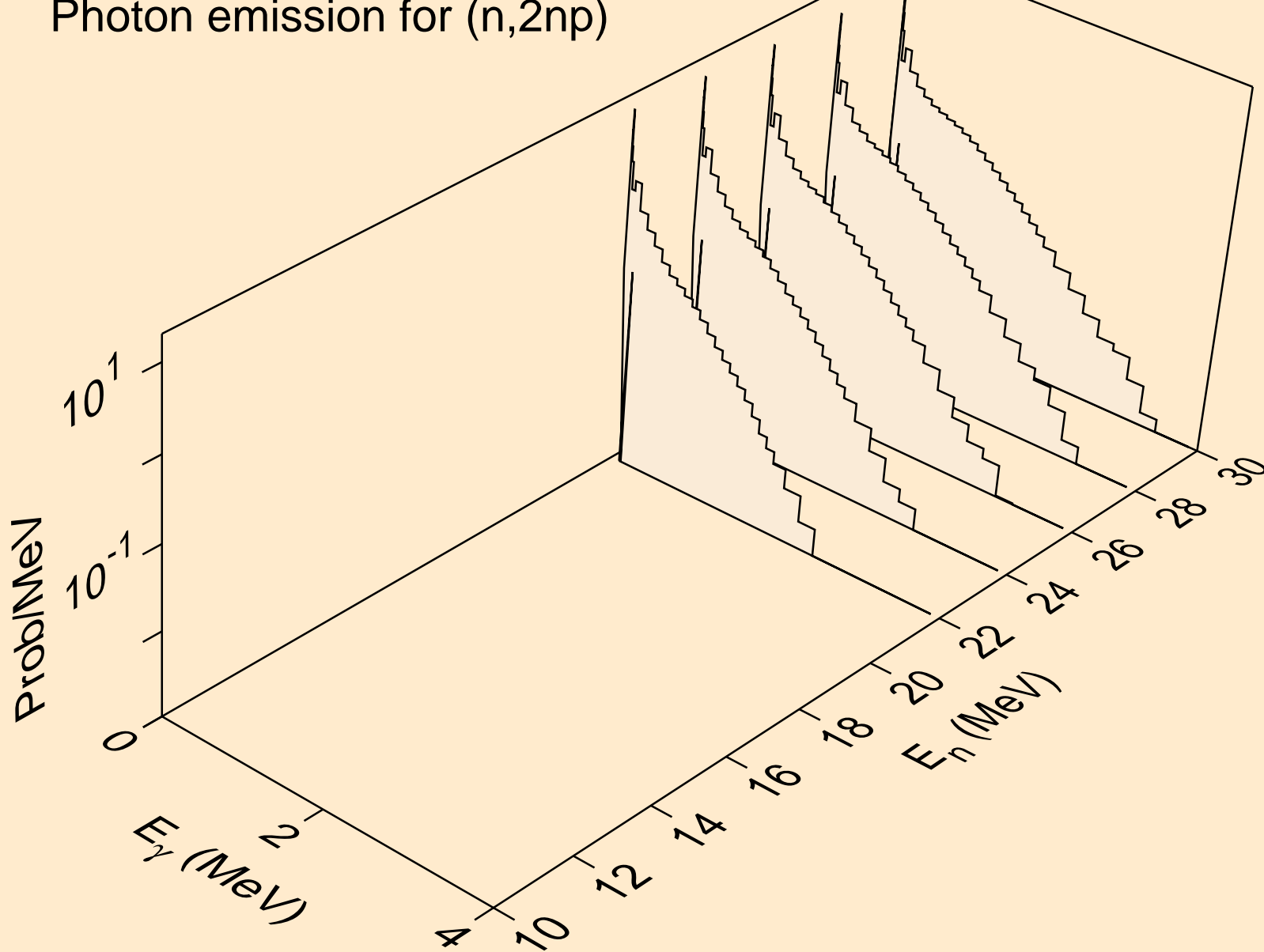




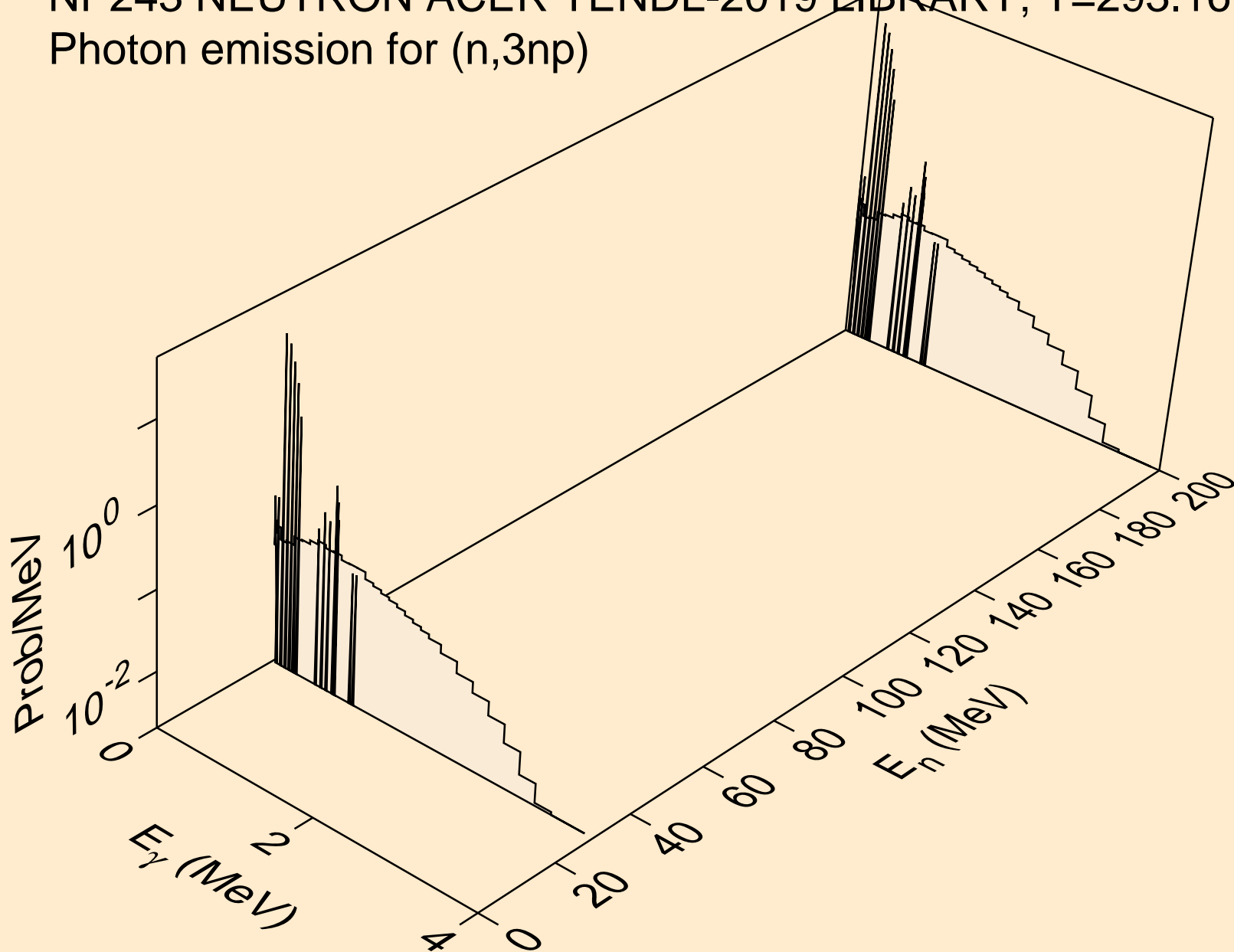
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



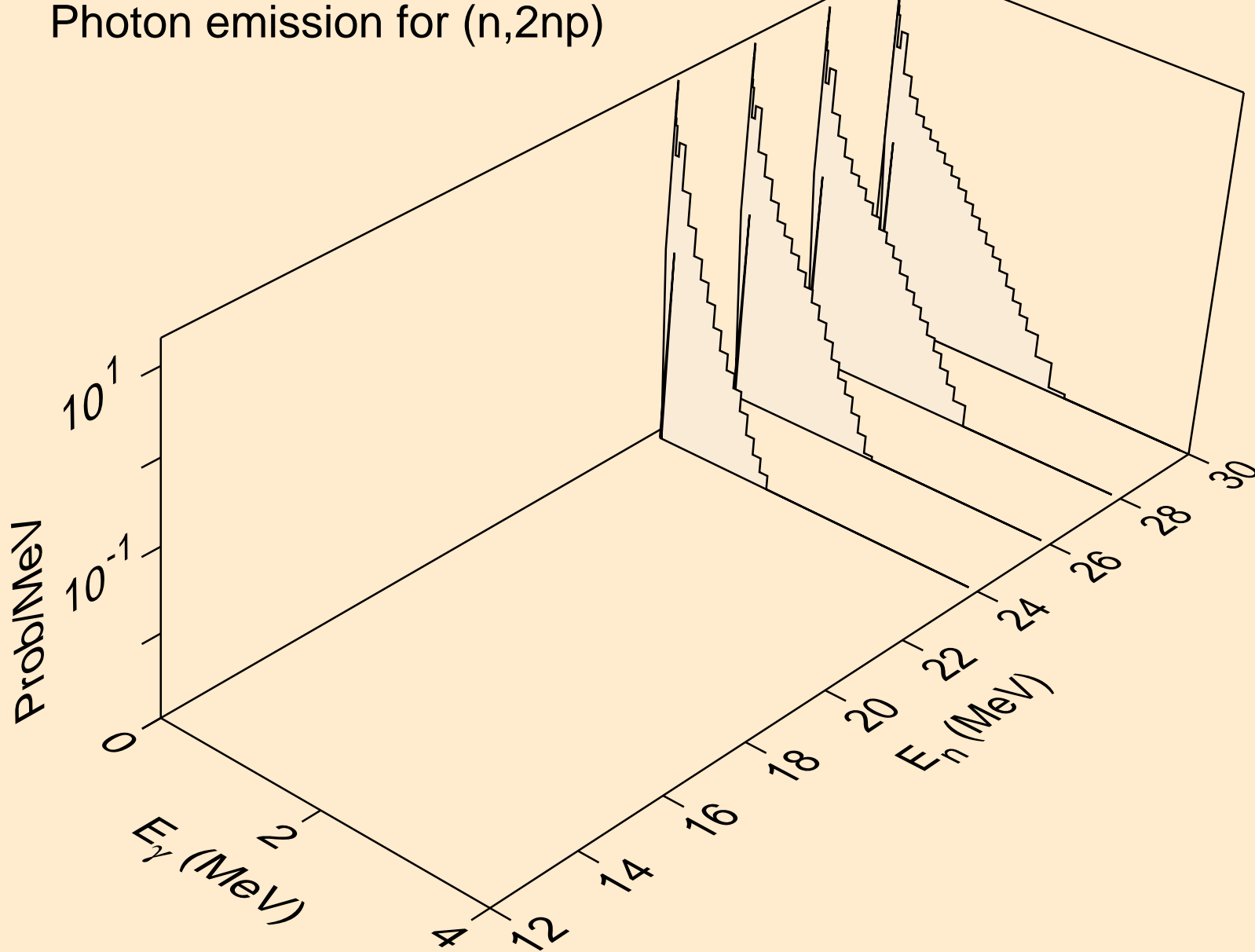
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



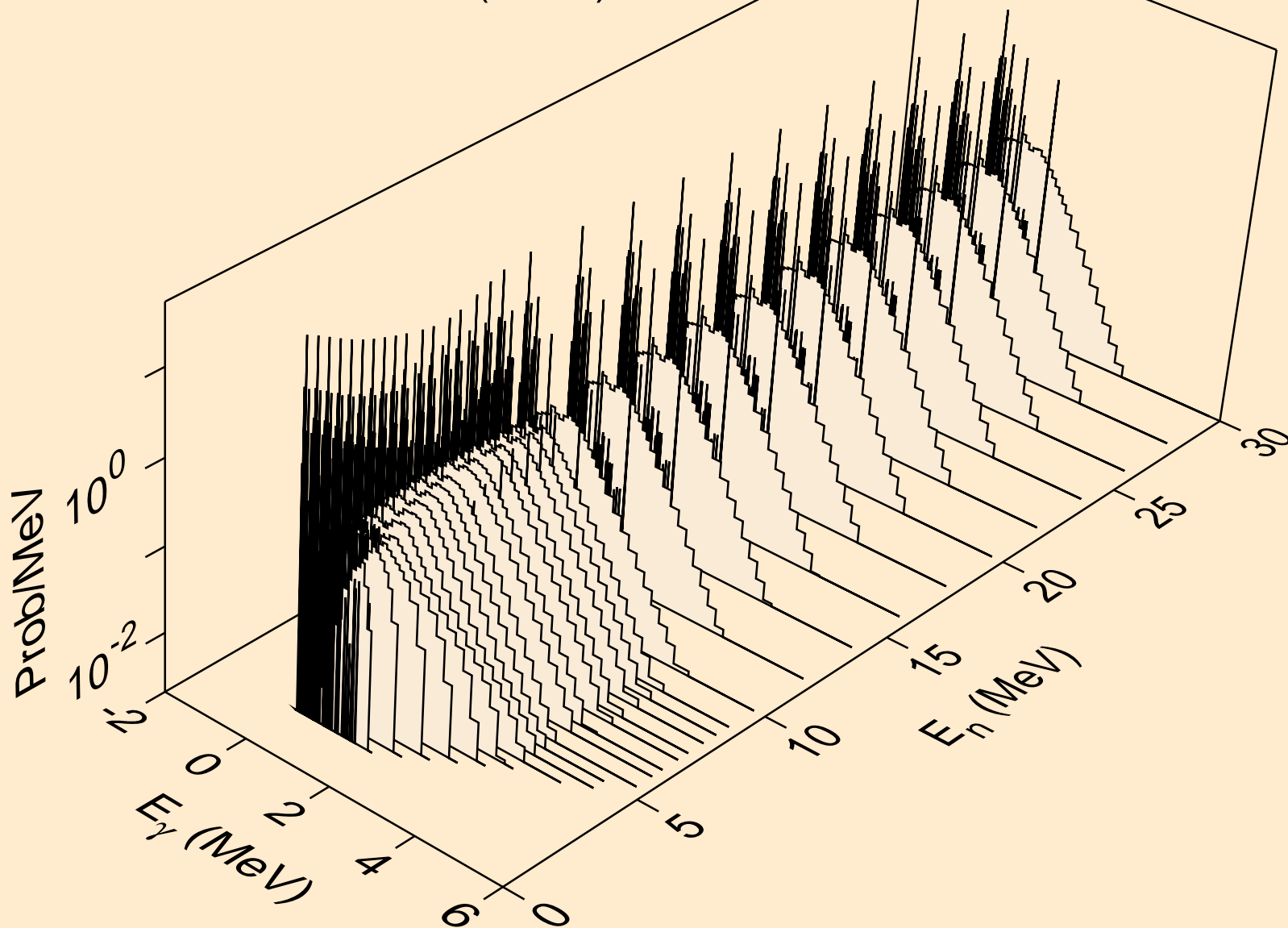
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



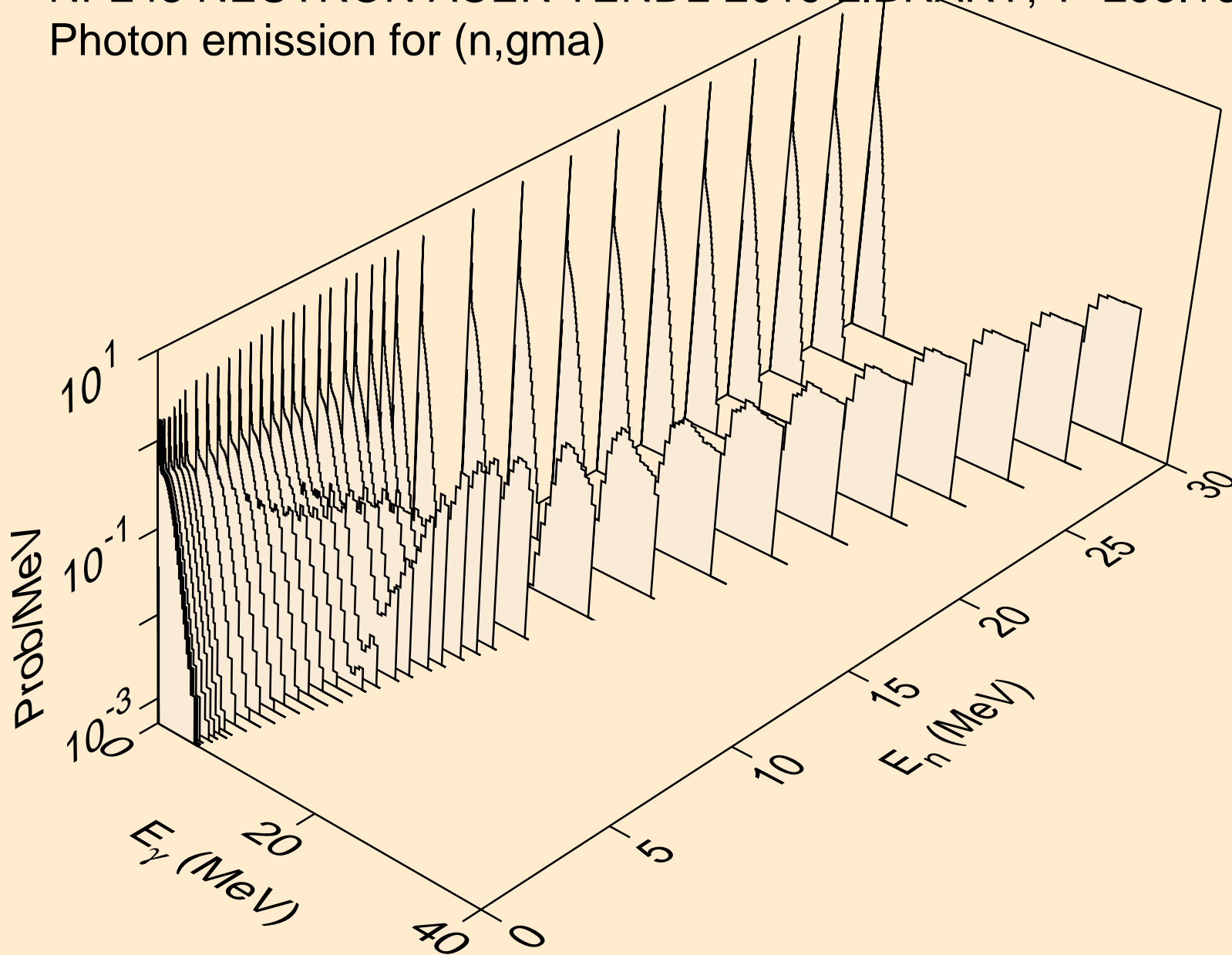
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



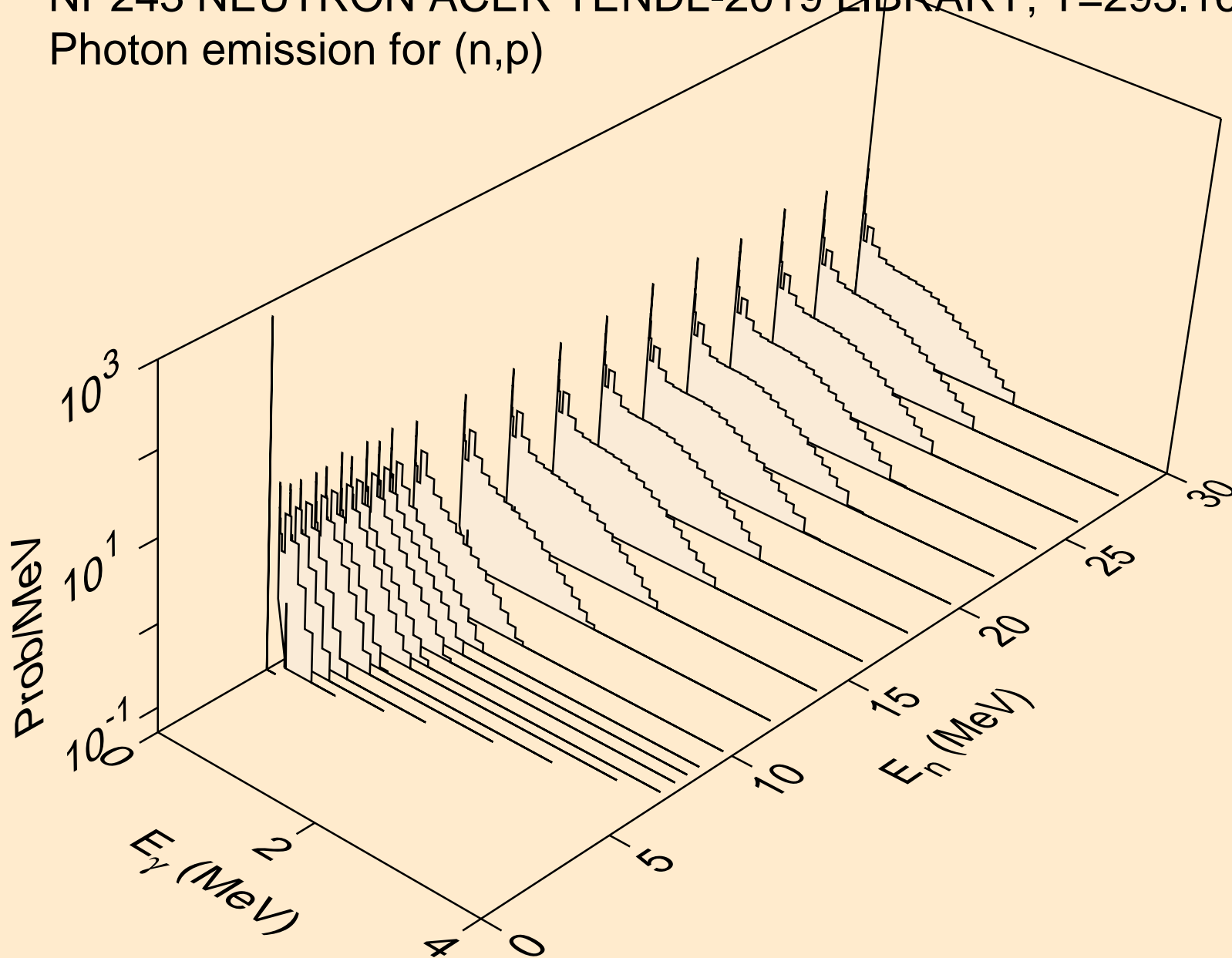
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



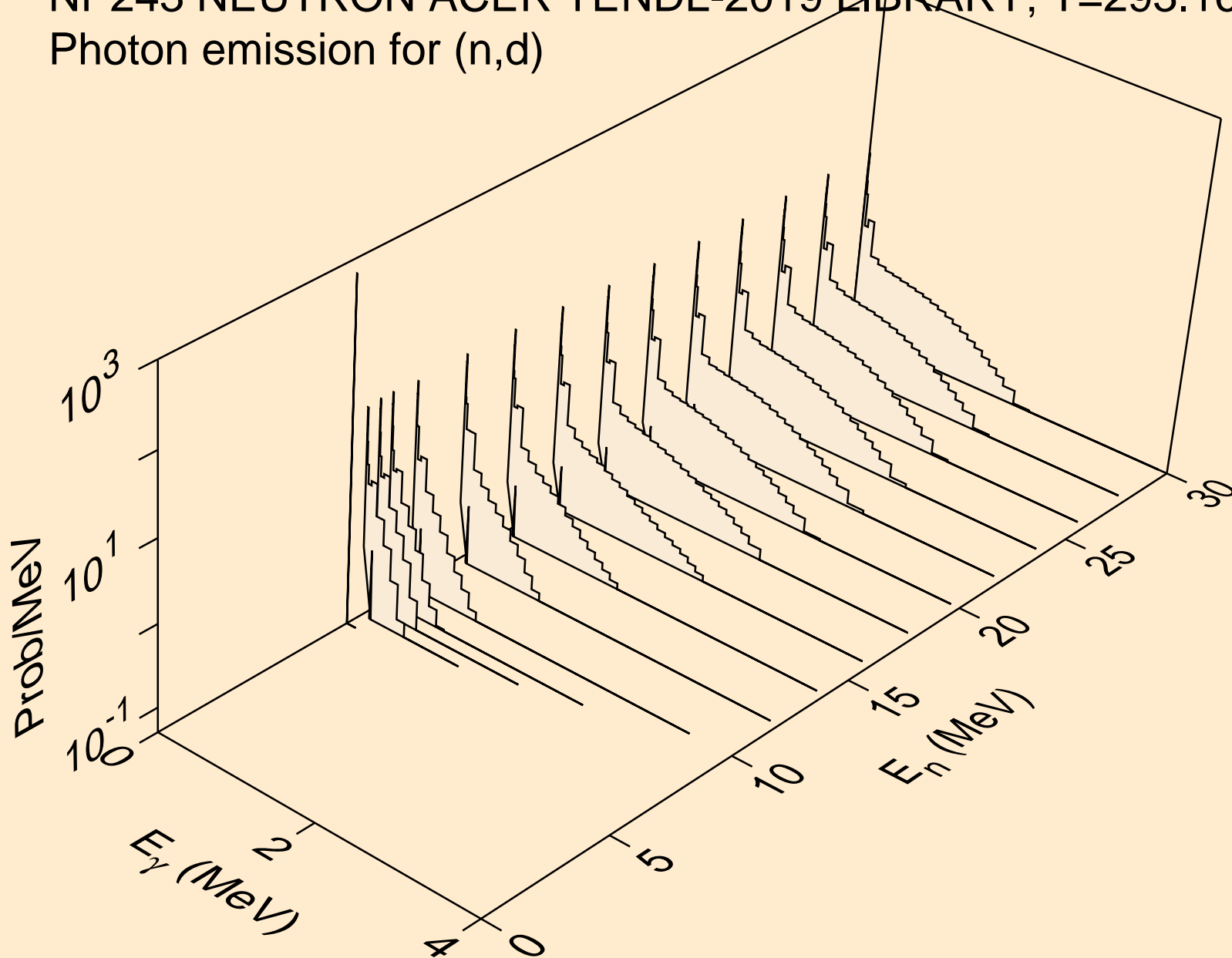
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)

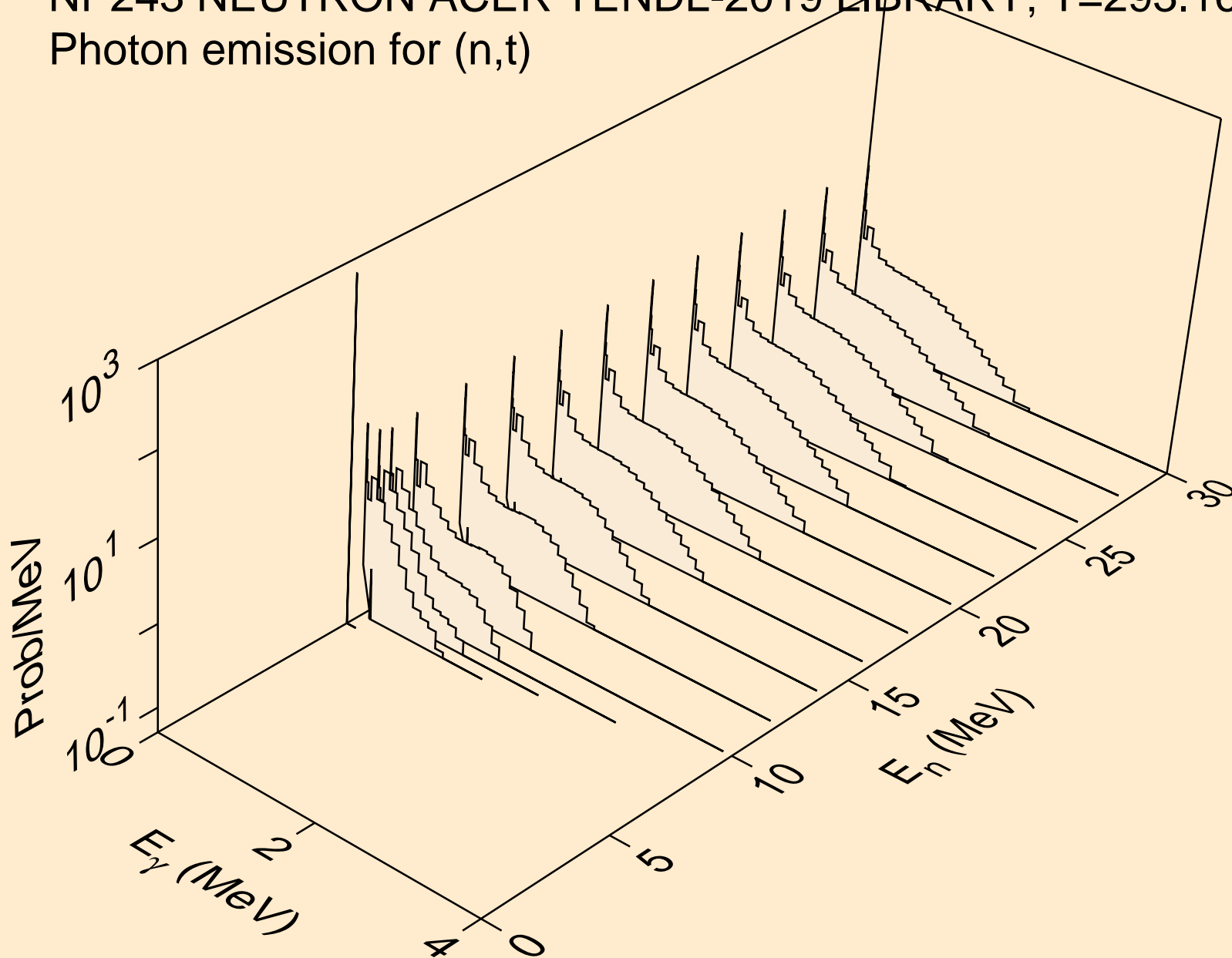


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)

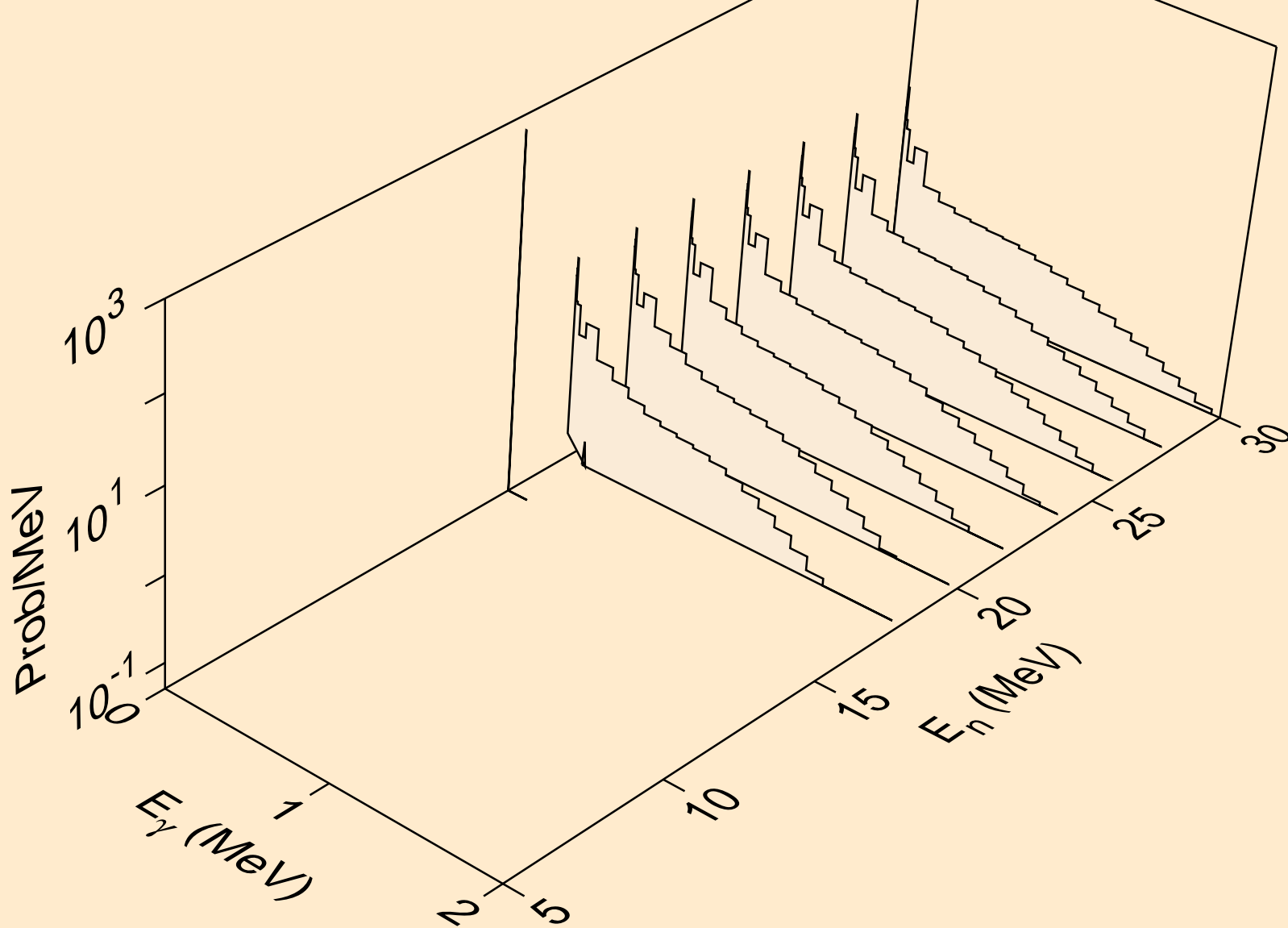




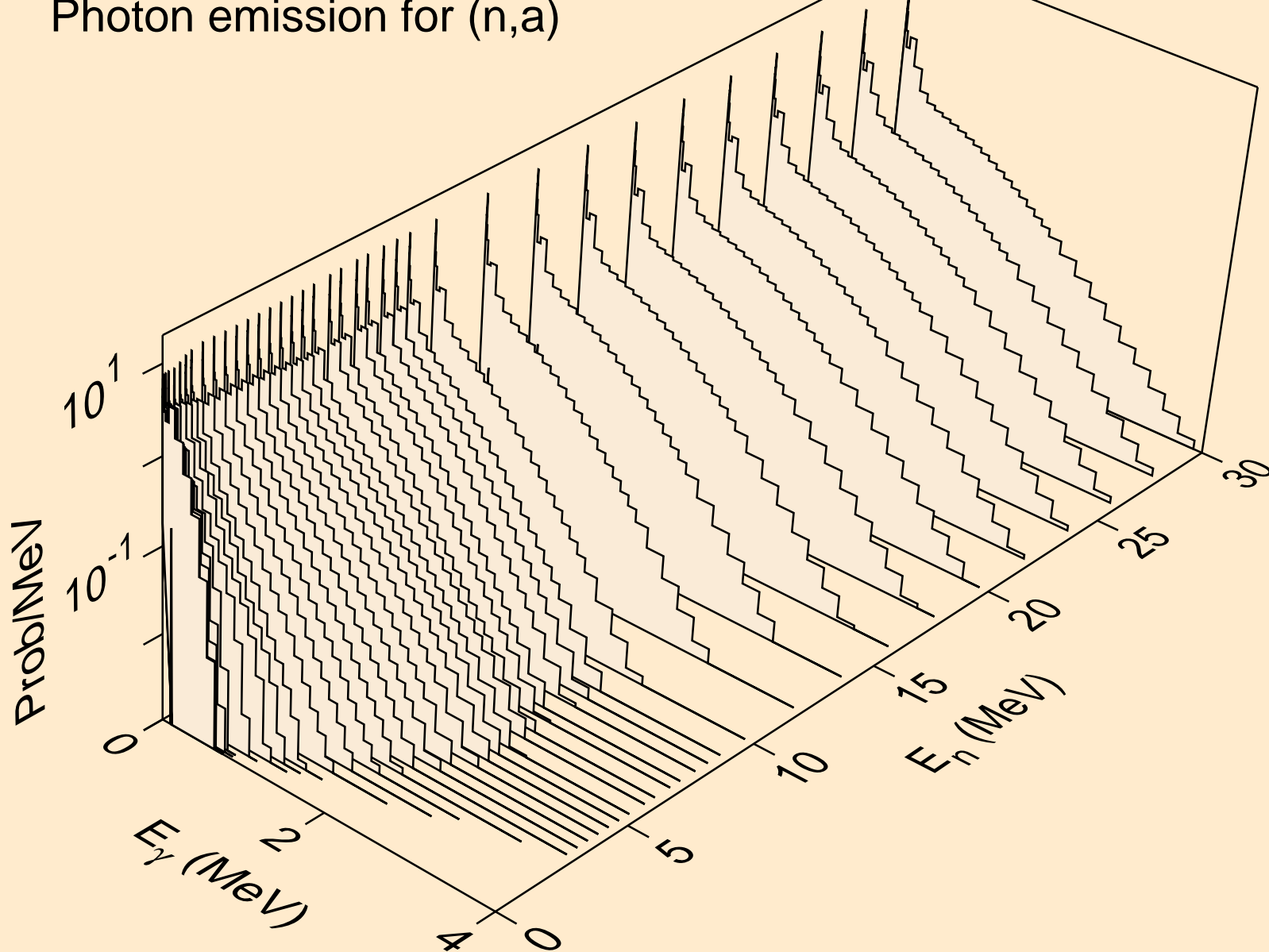
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



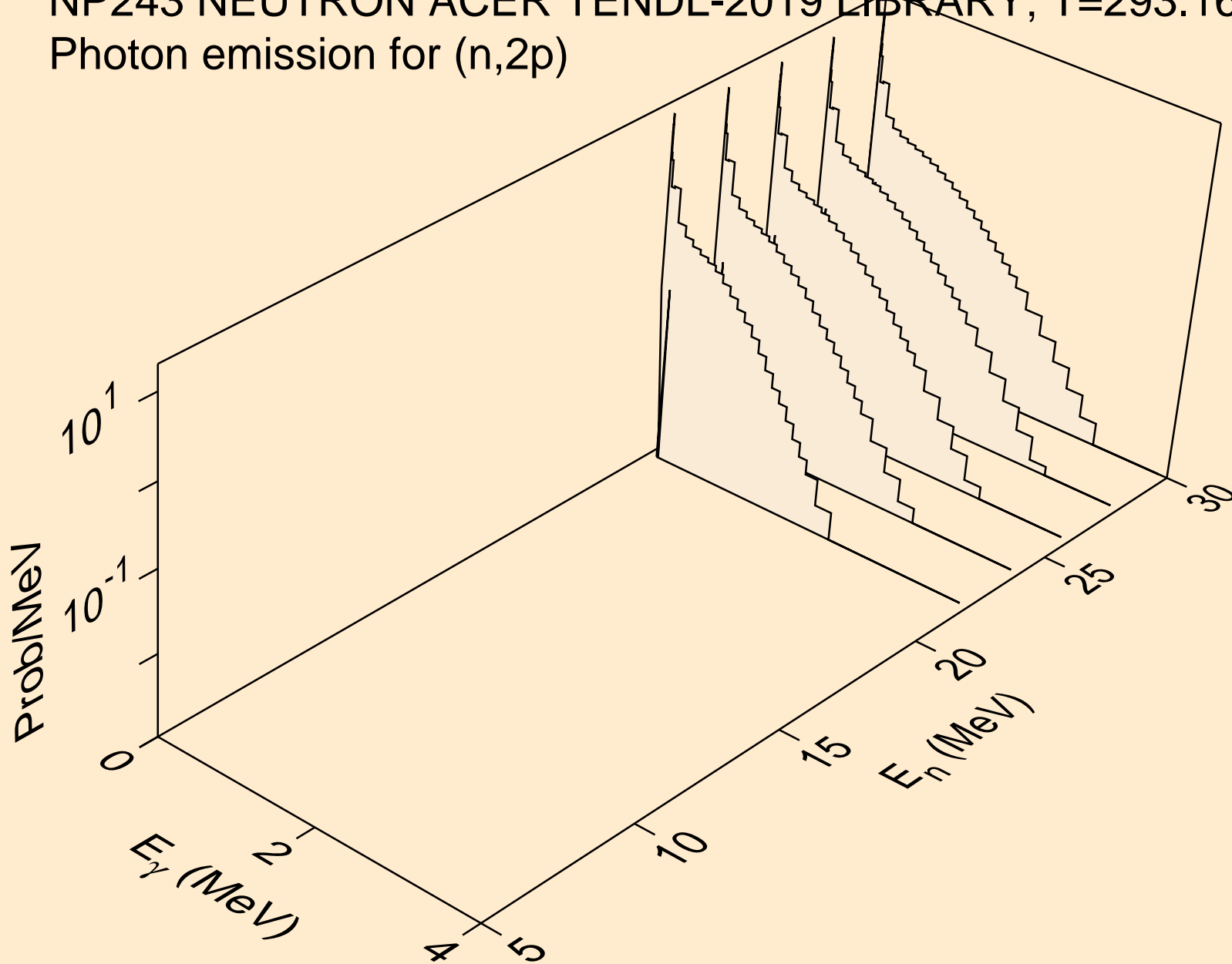
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



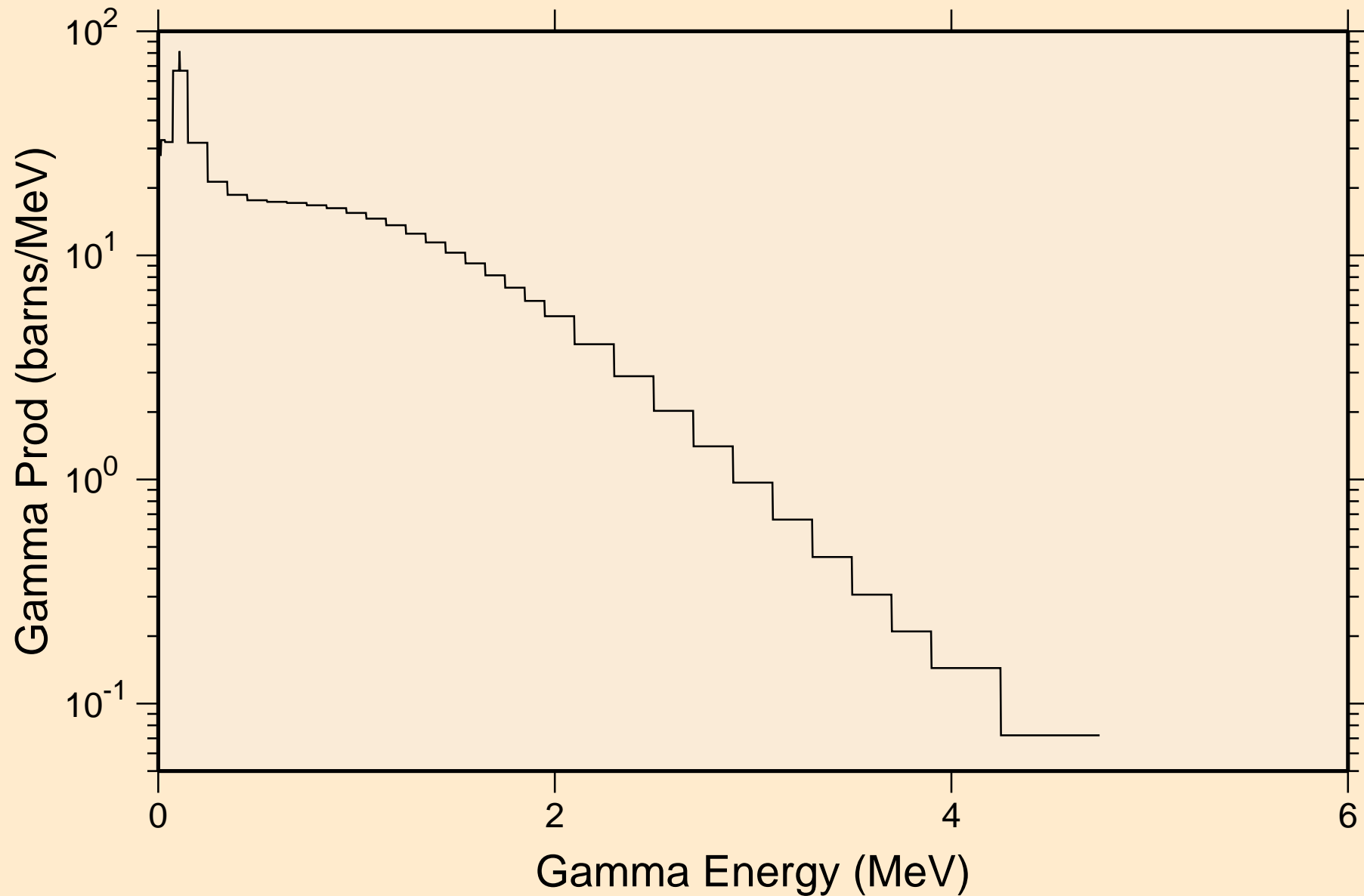
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



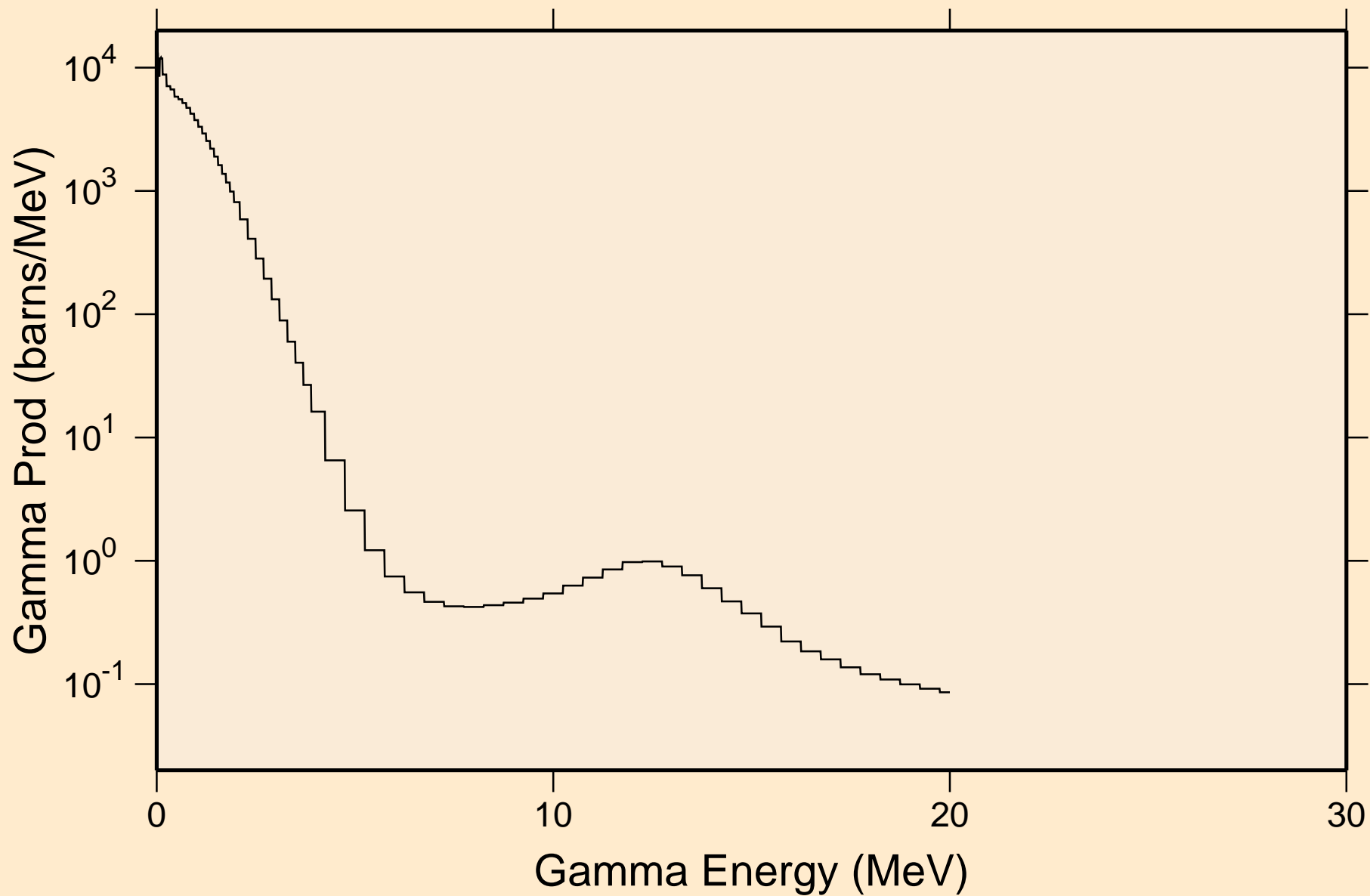
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

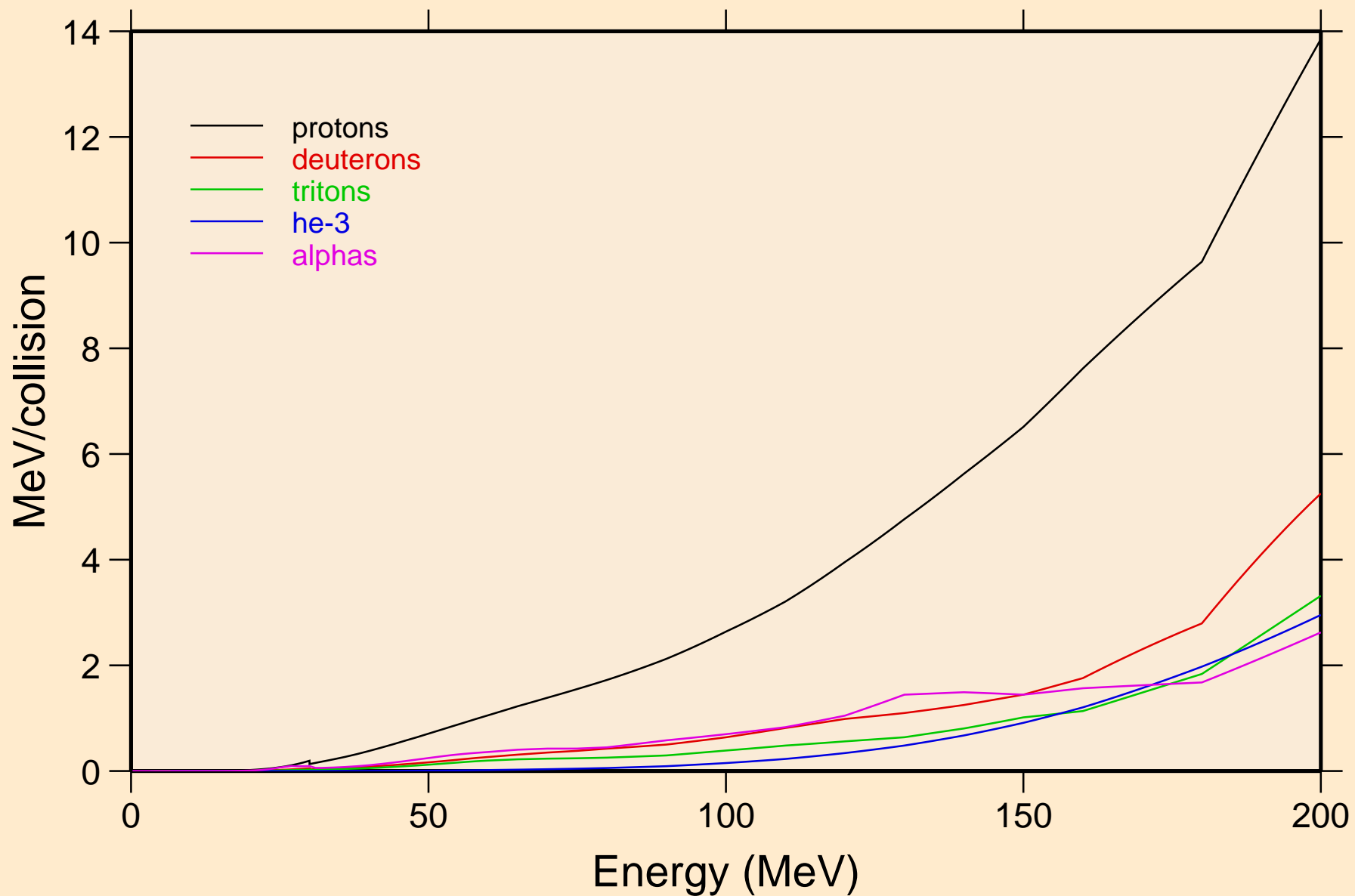


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

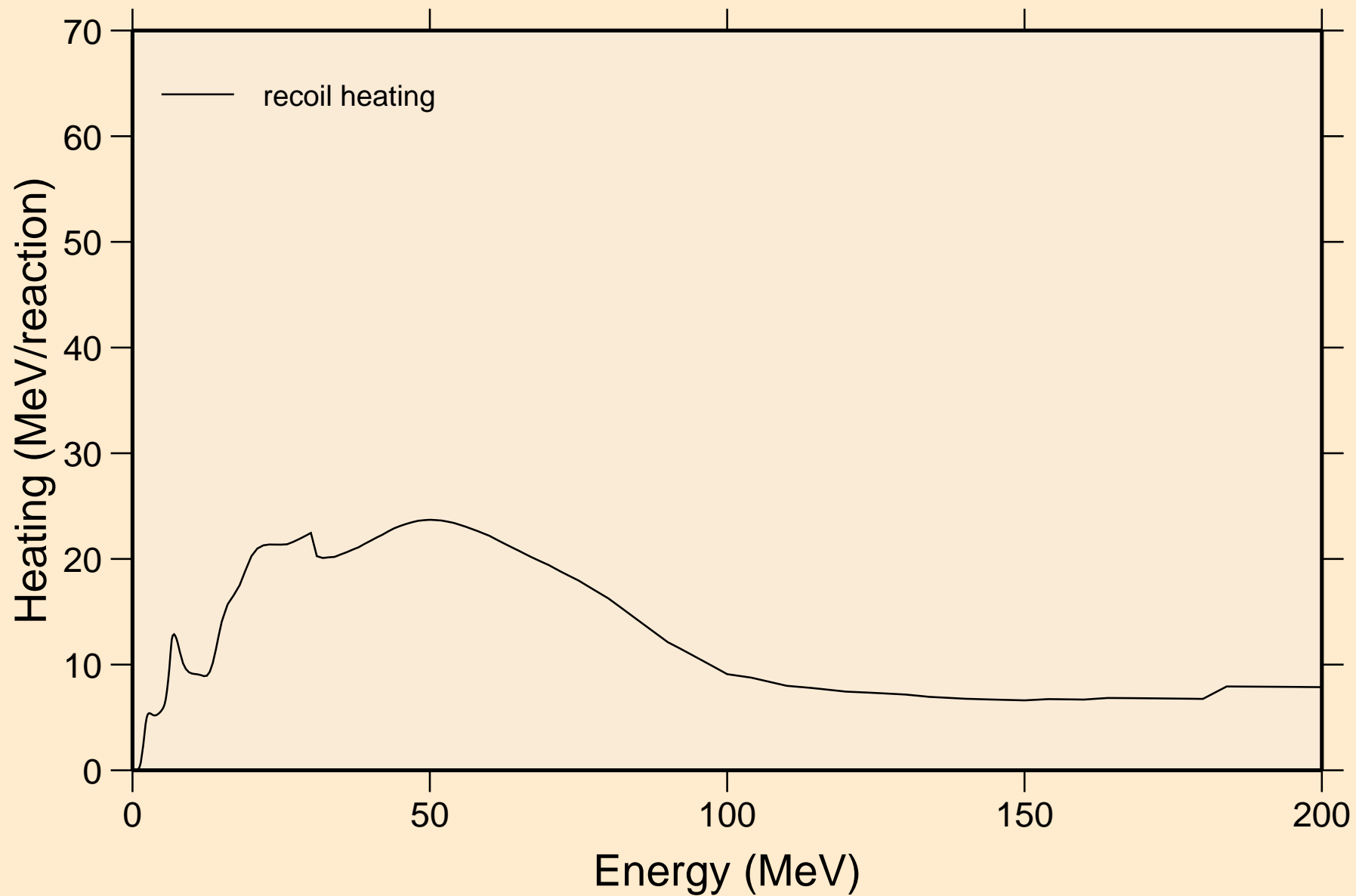


# NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle heating contributions

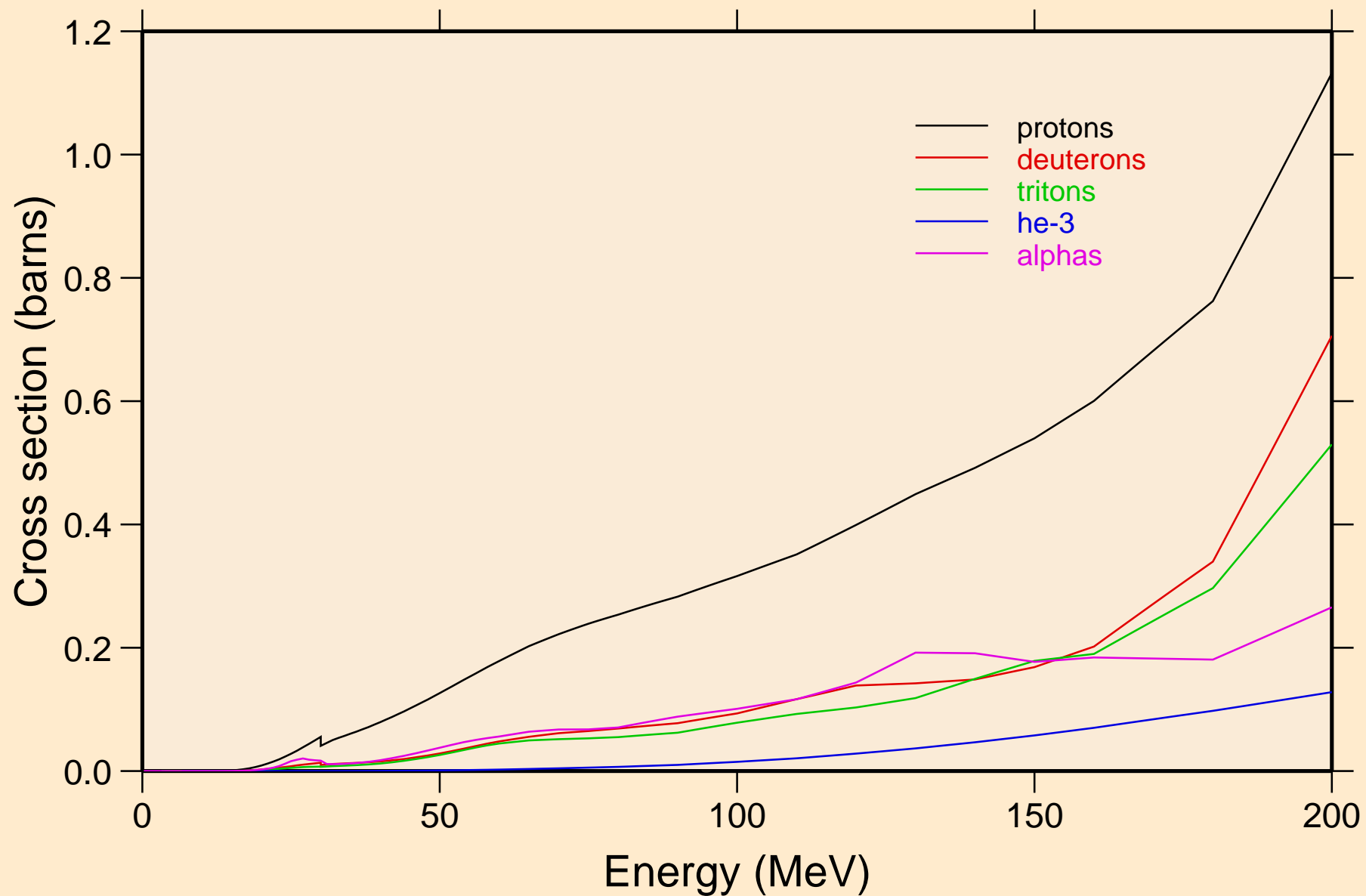


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

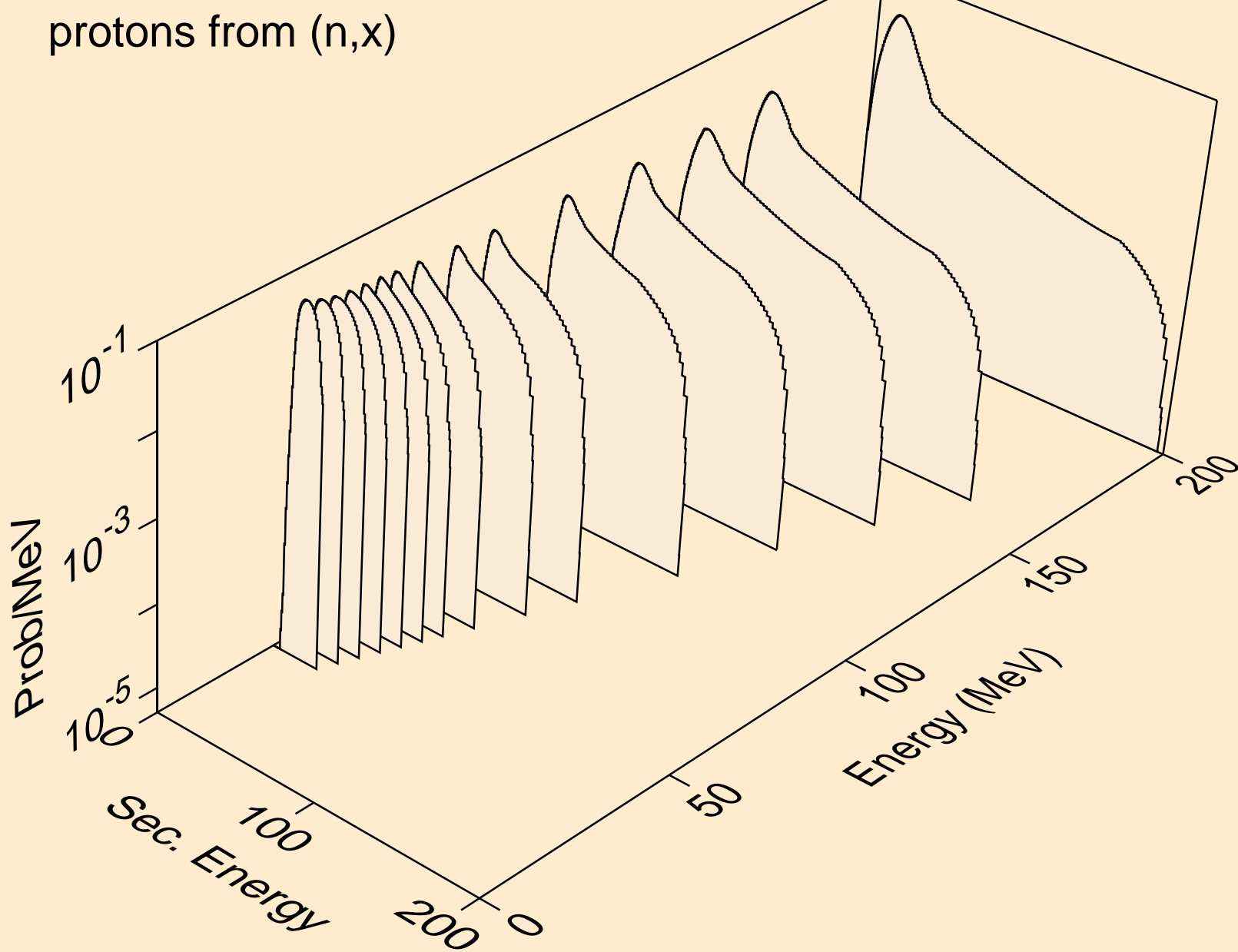




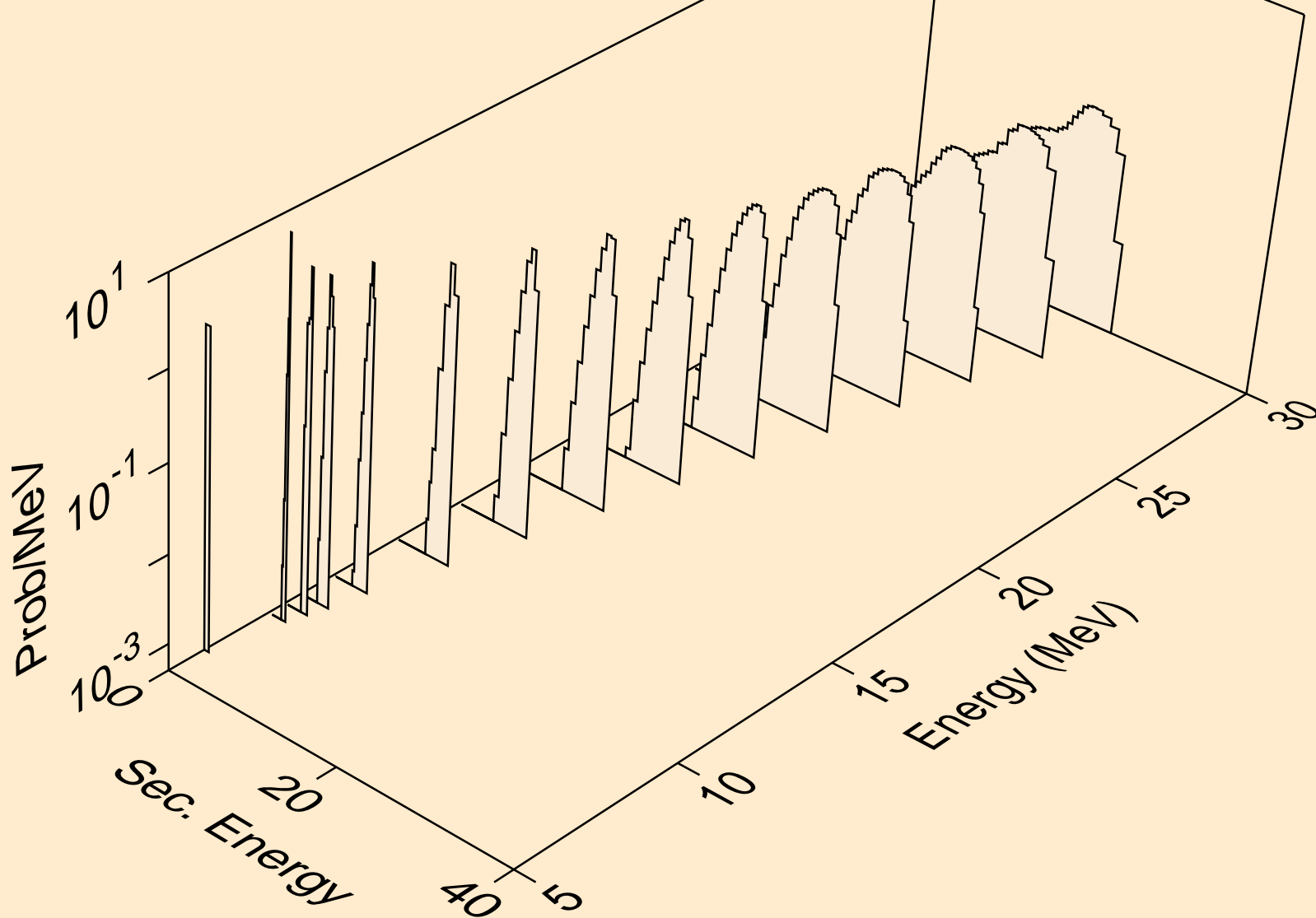
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



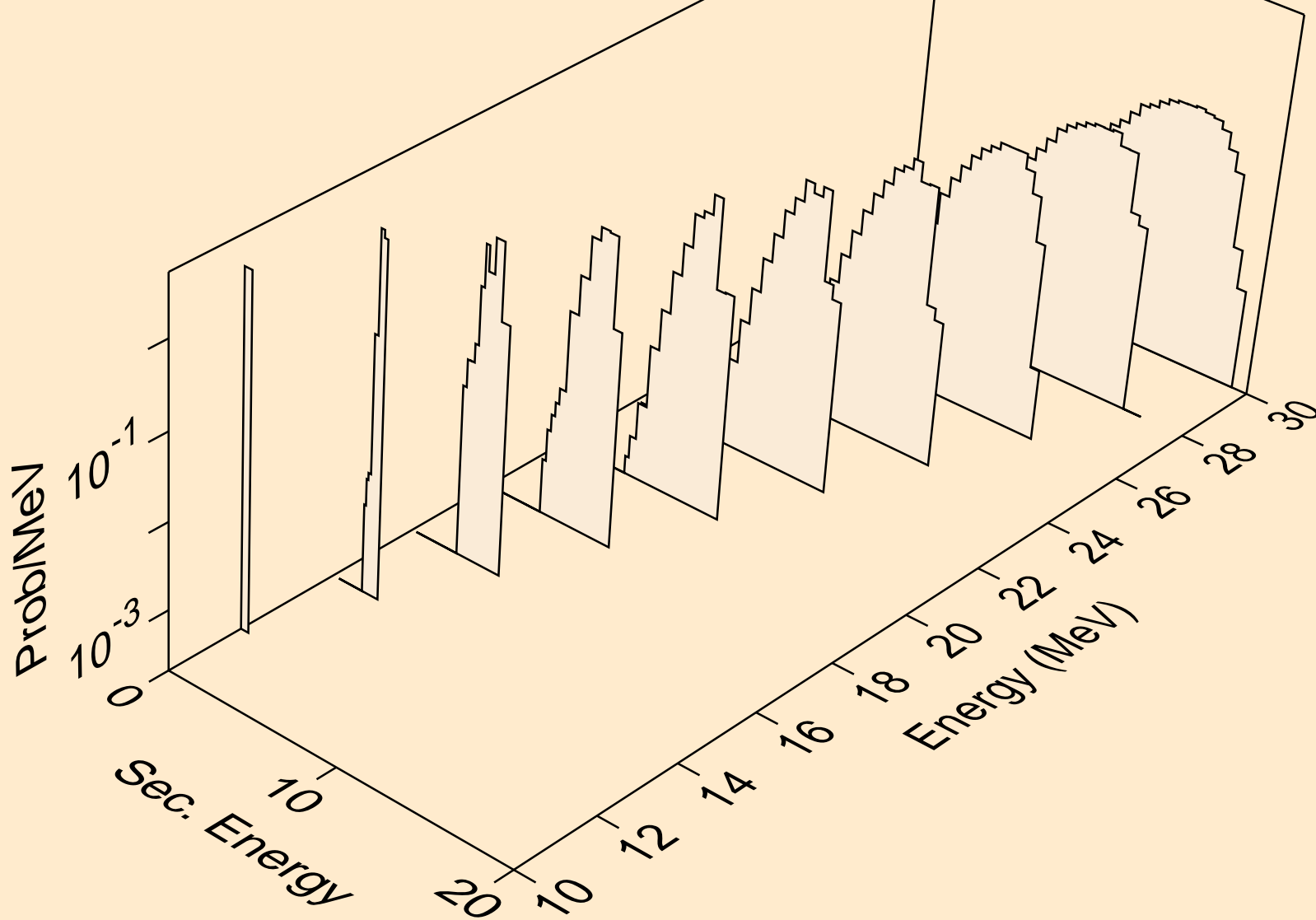
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



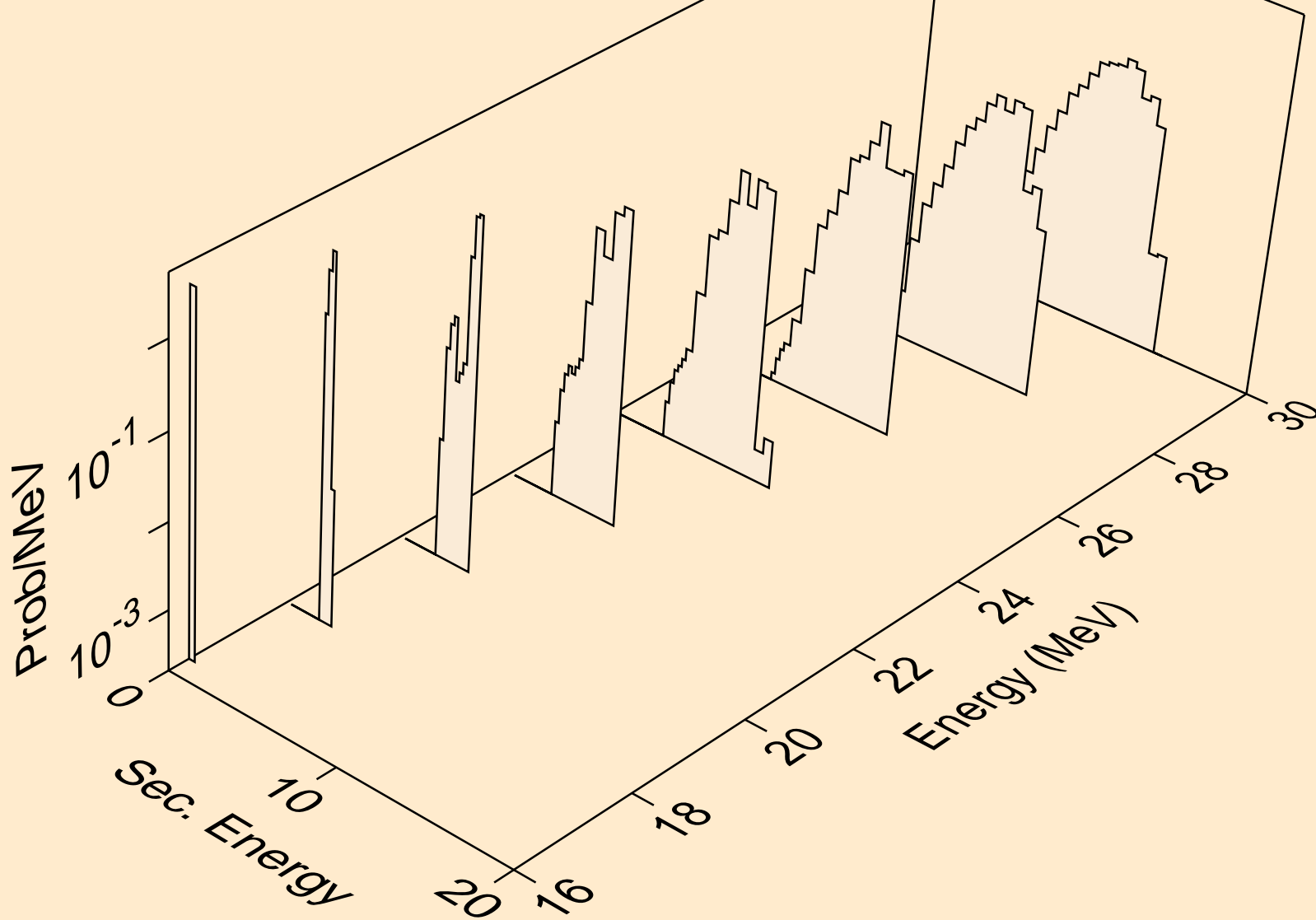
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



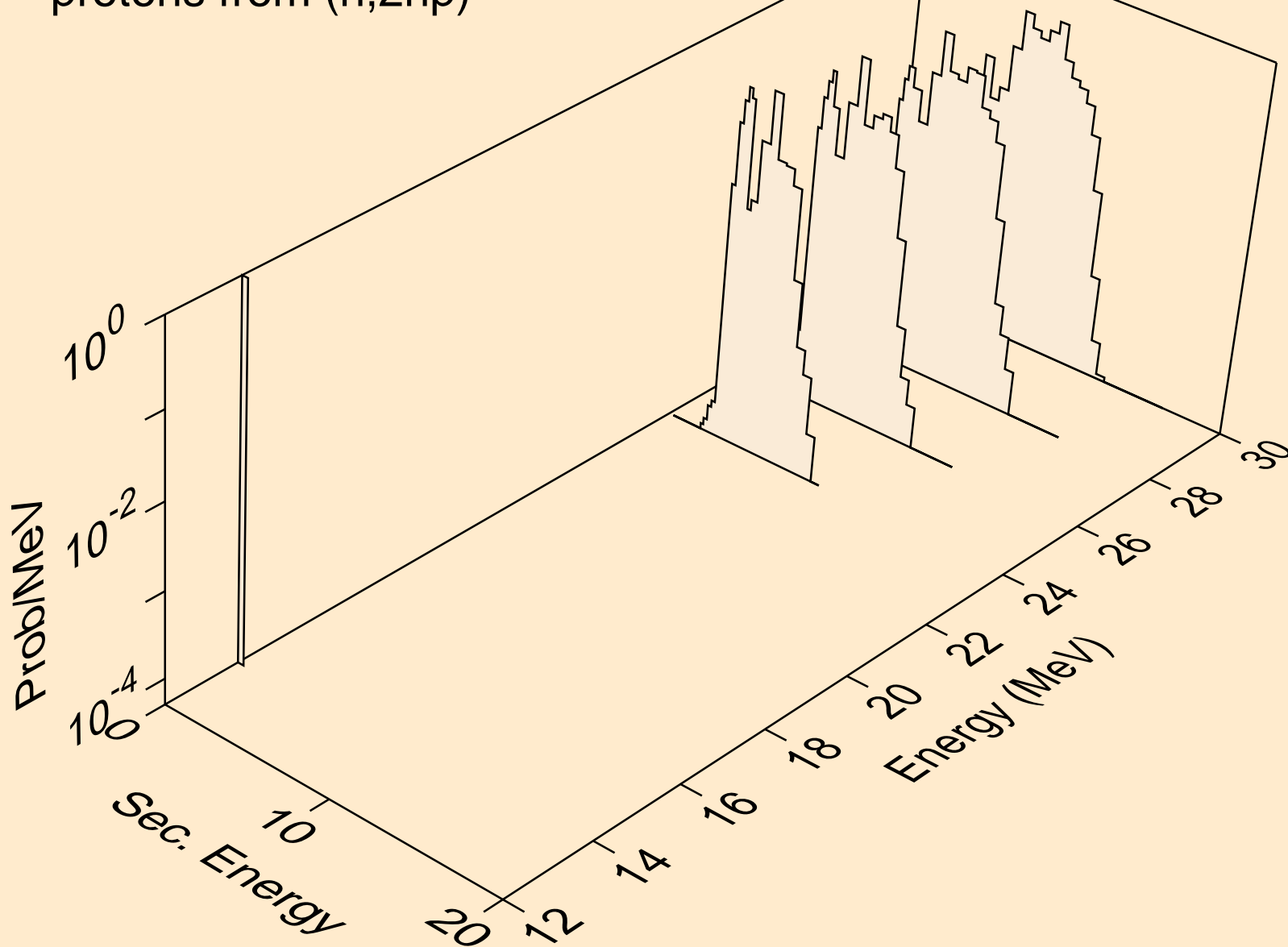
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



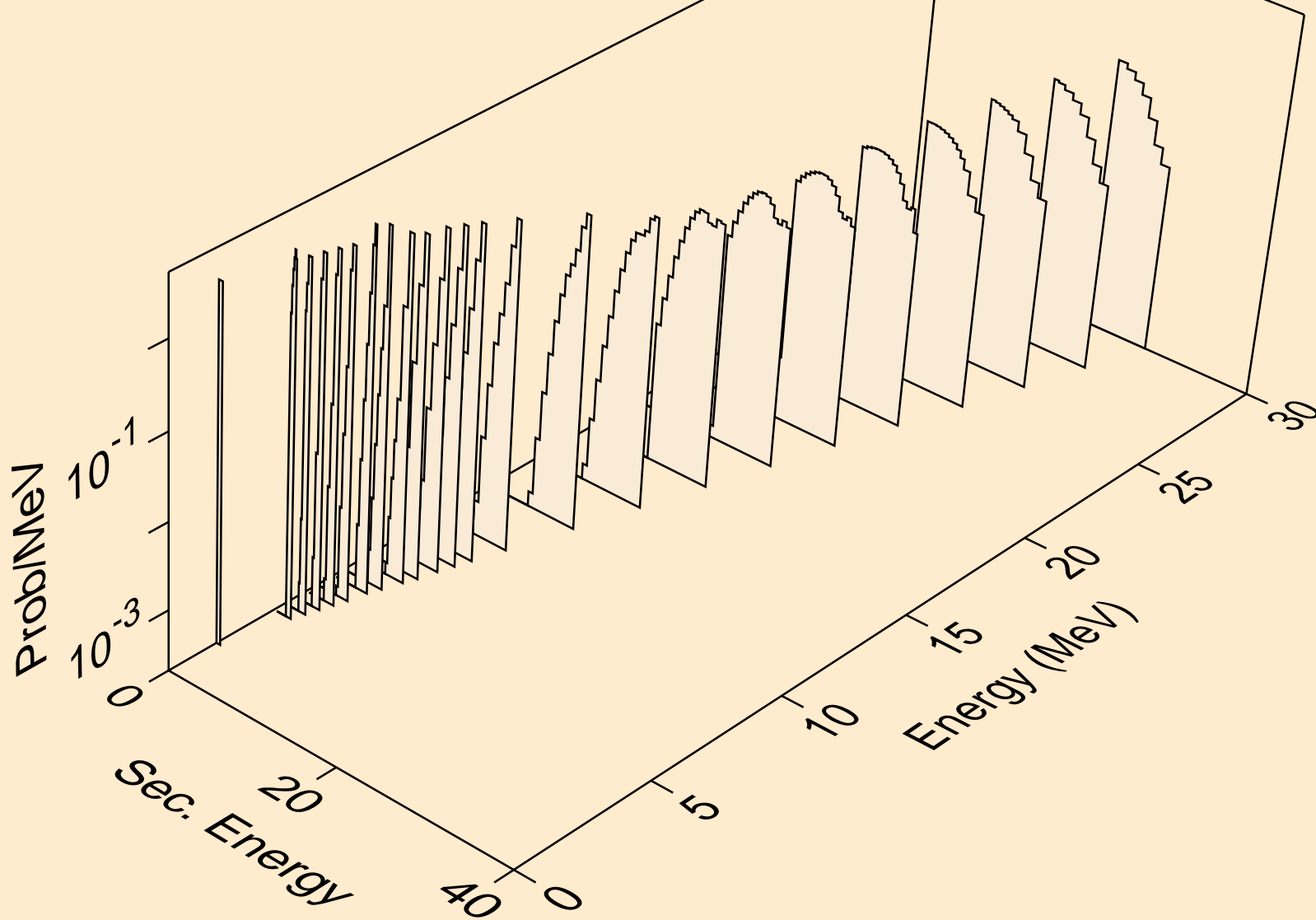
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



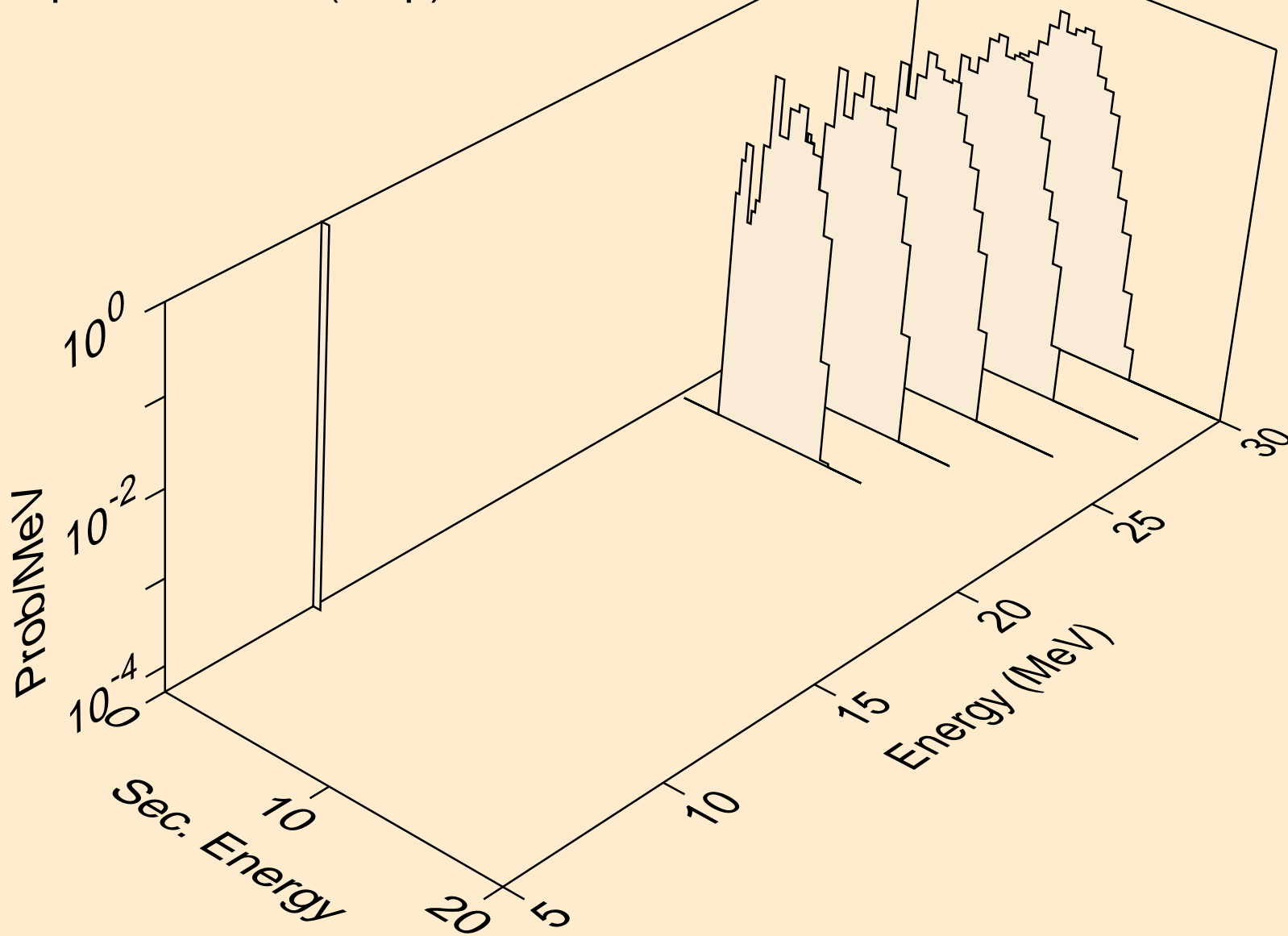
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

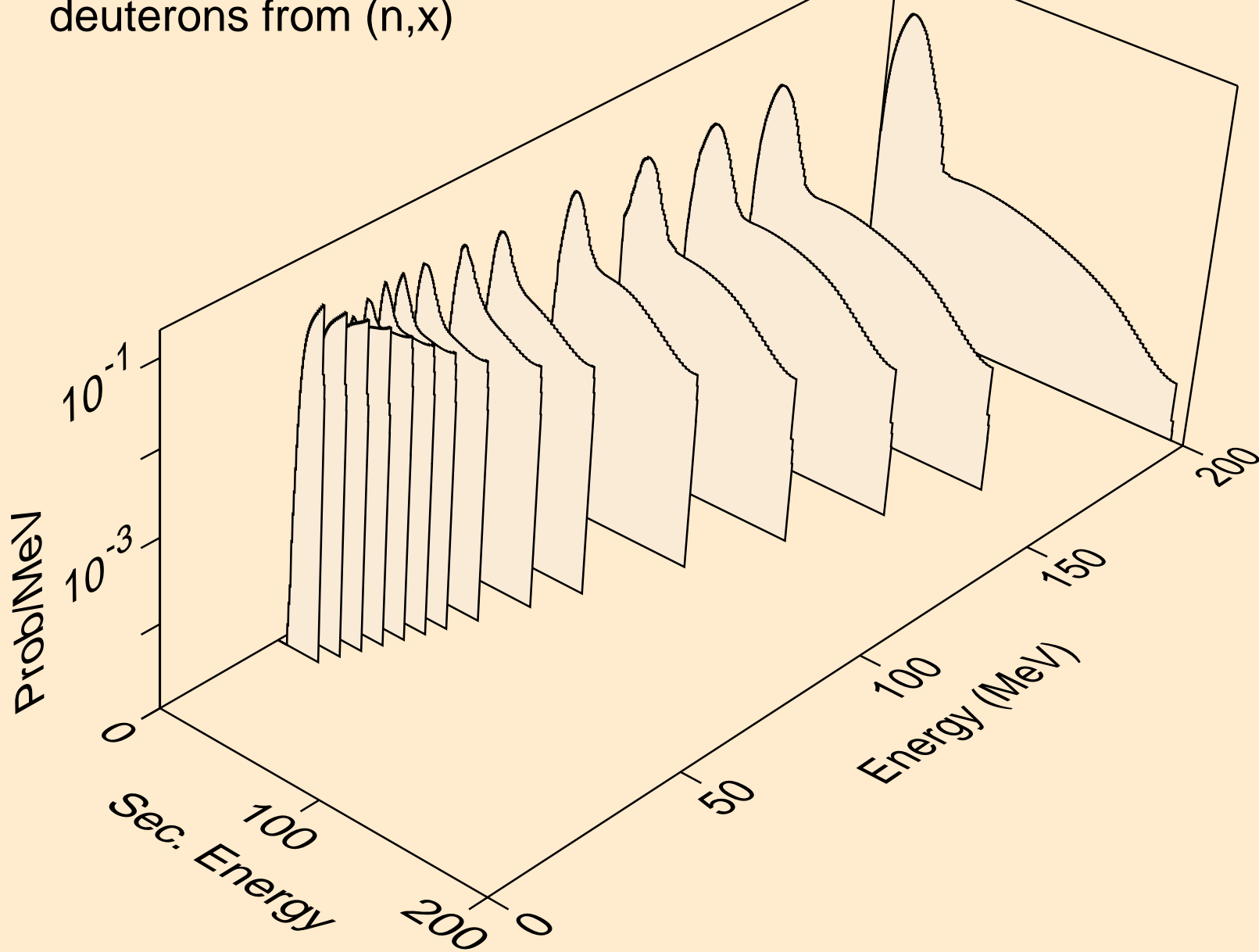


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)

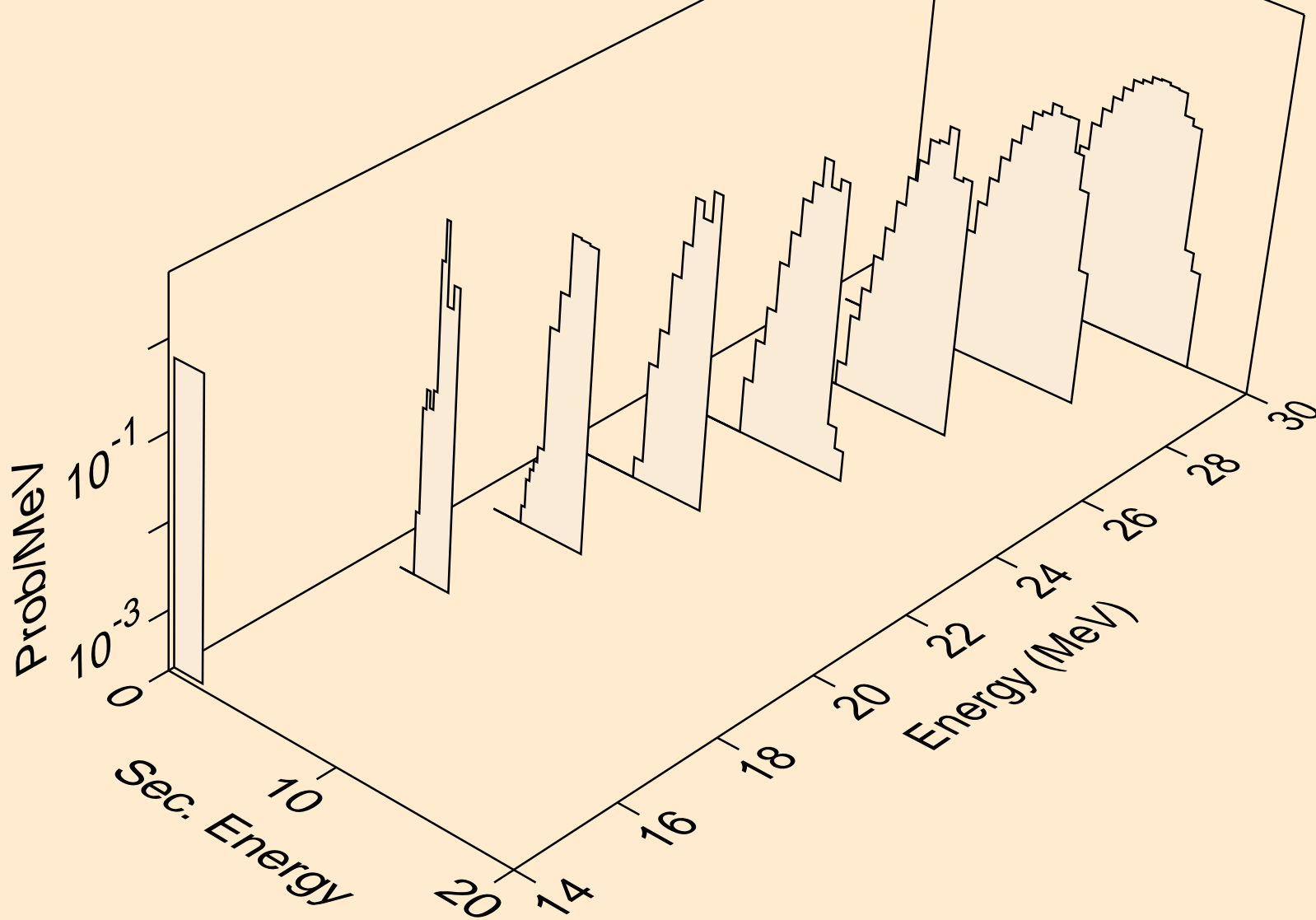




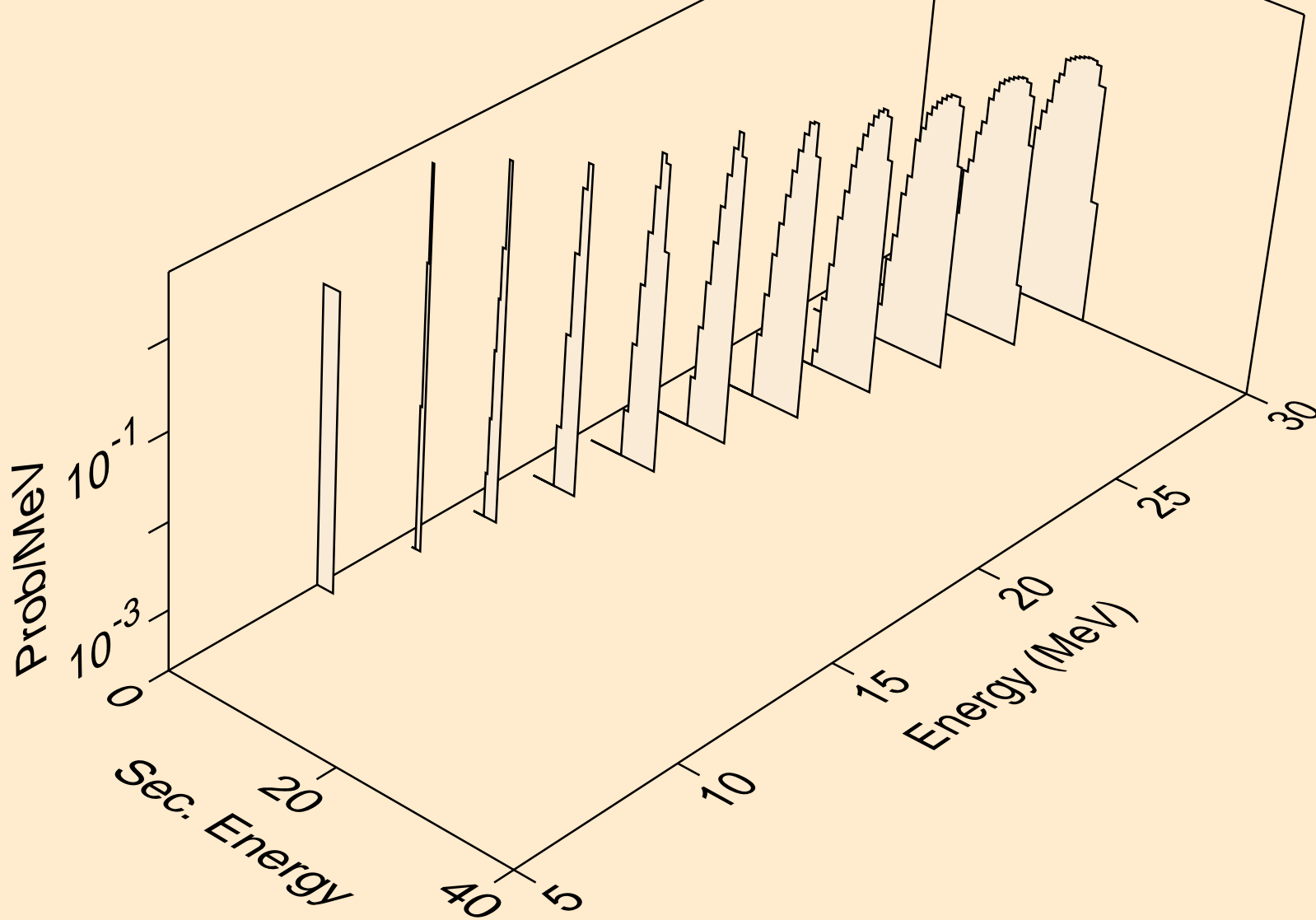
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



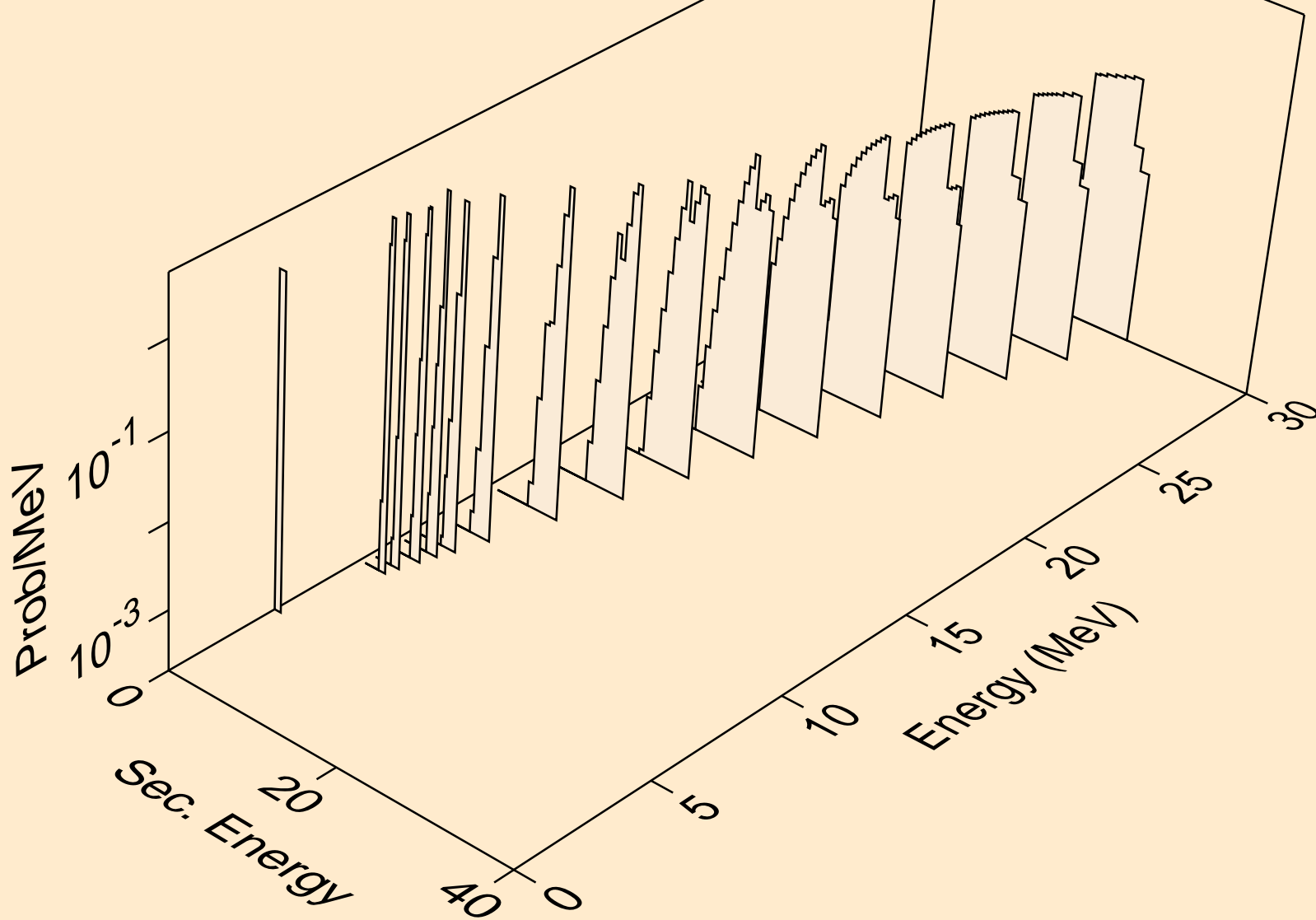
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



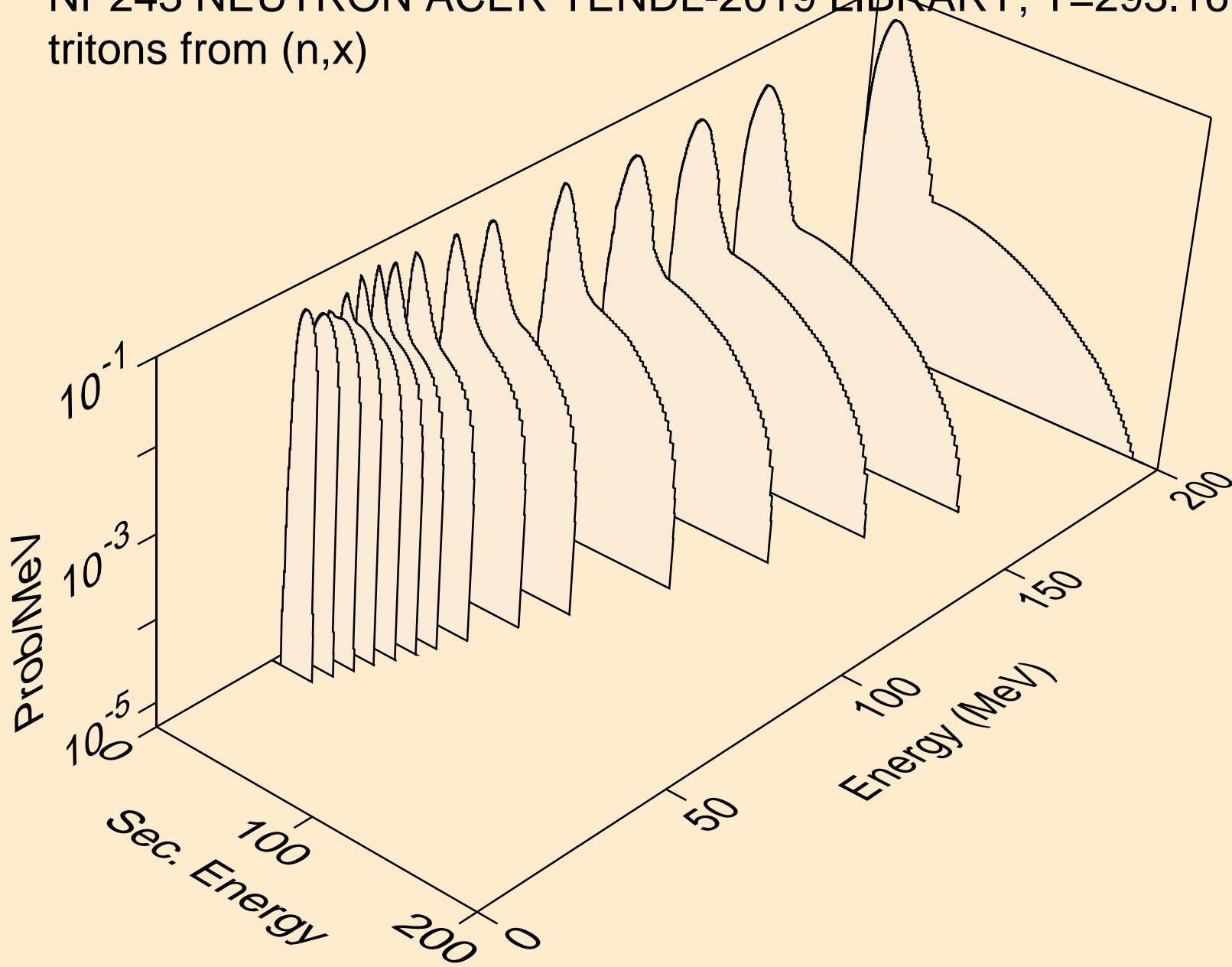
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



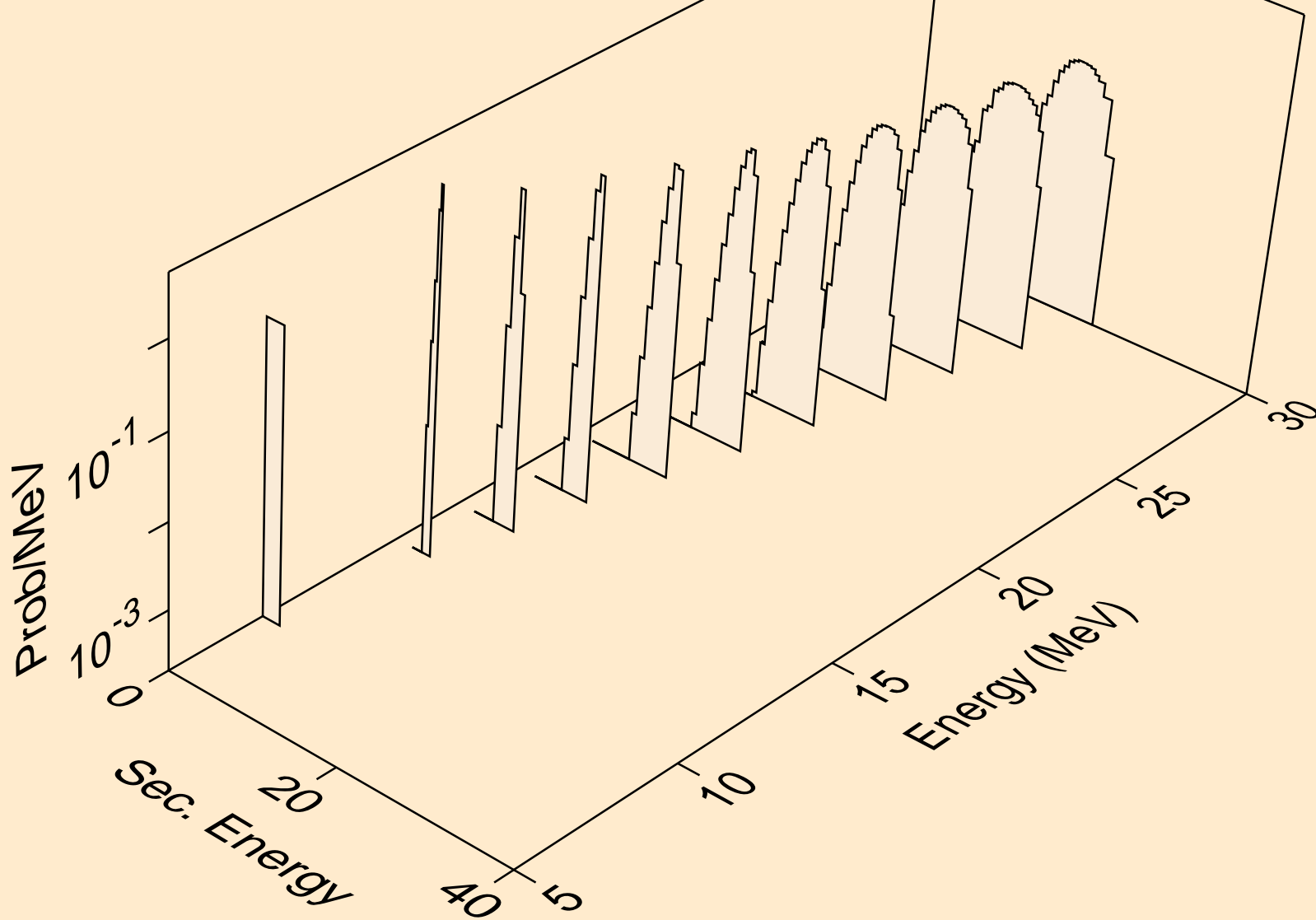
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



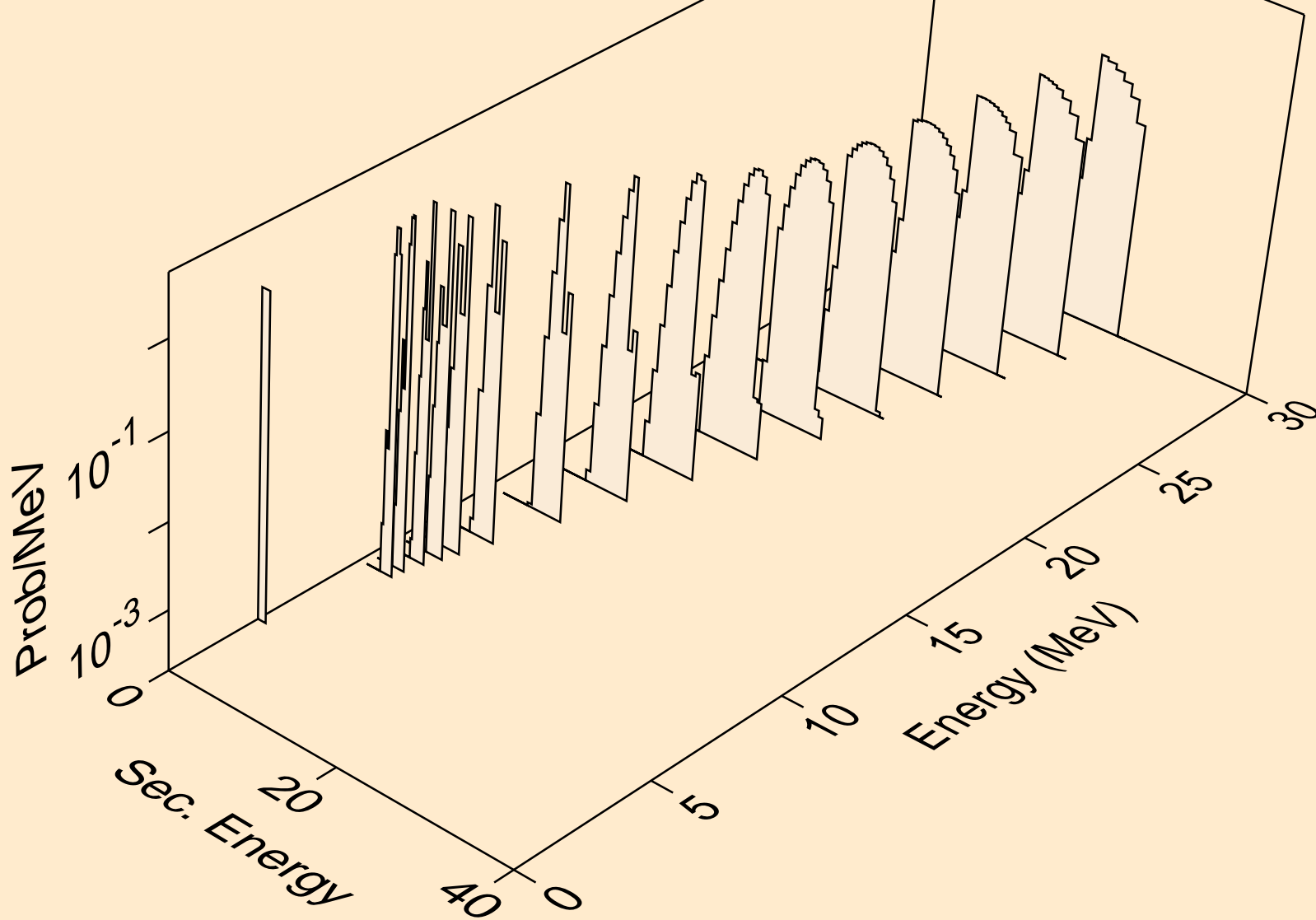
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



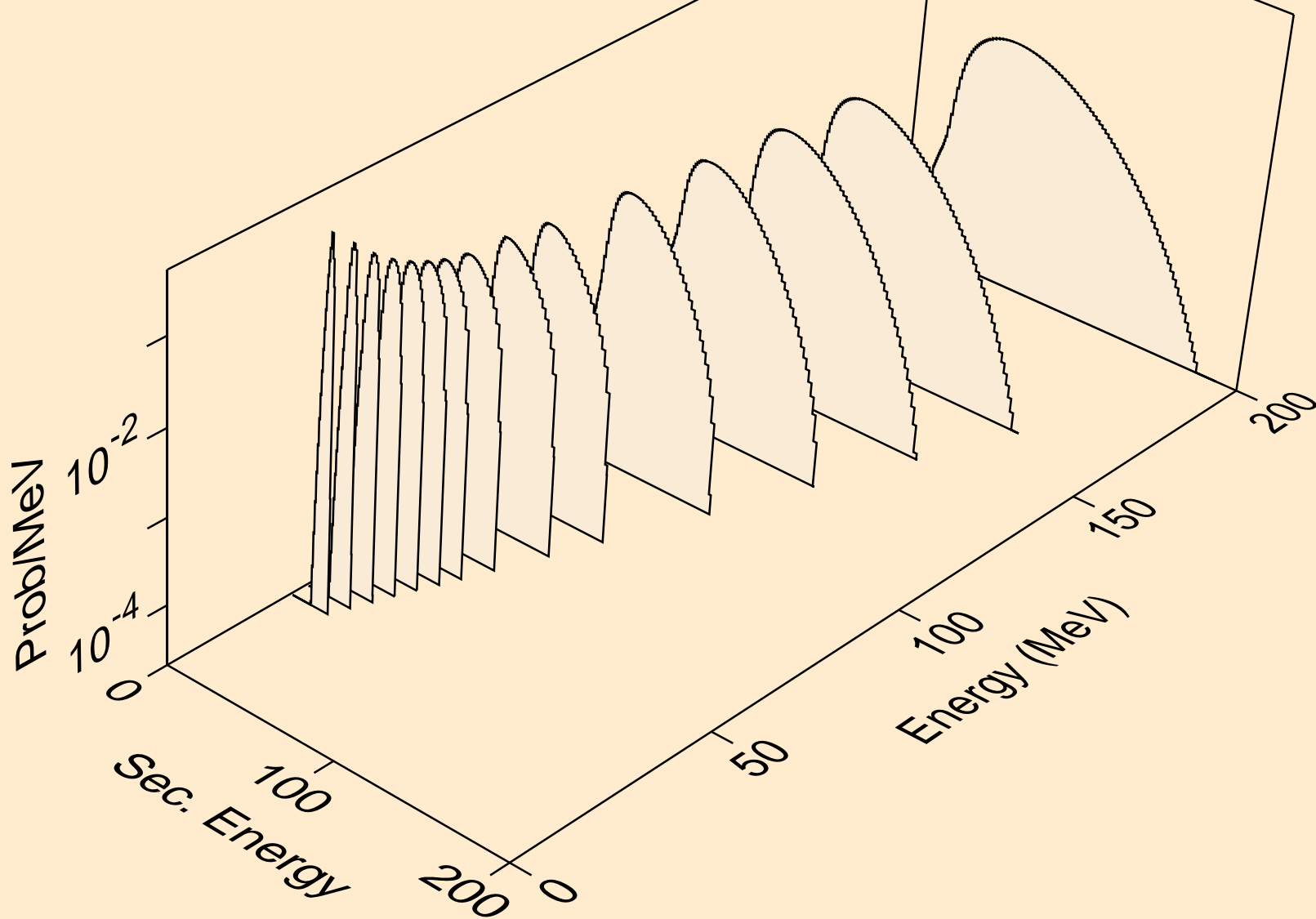
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)

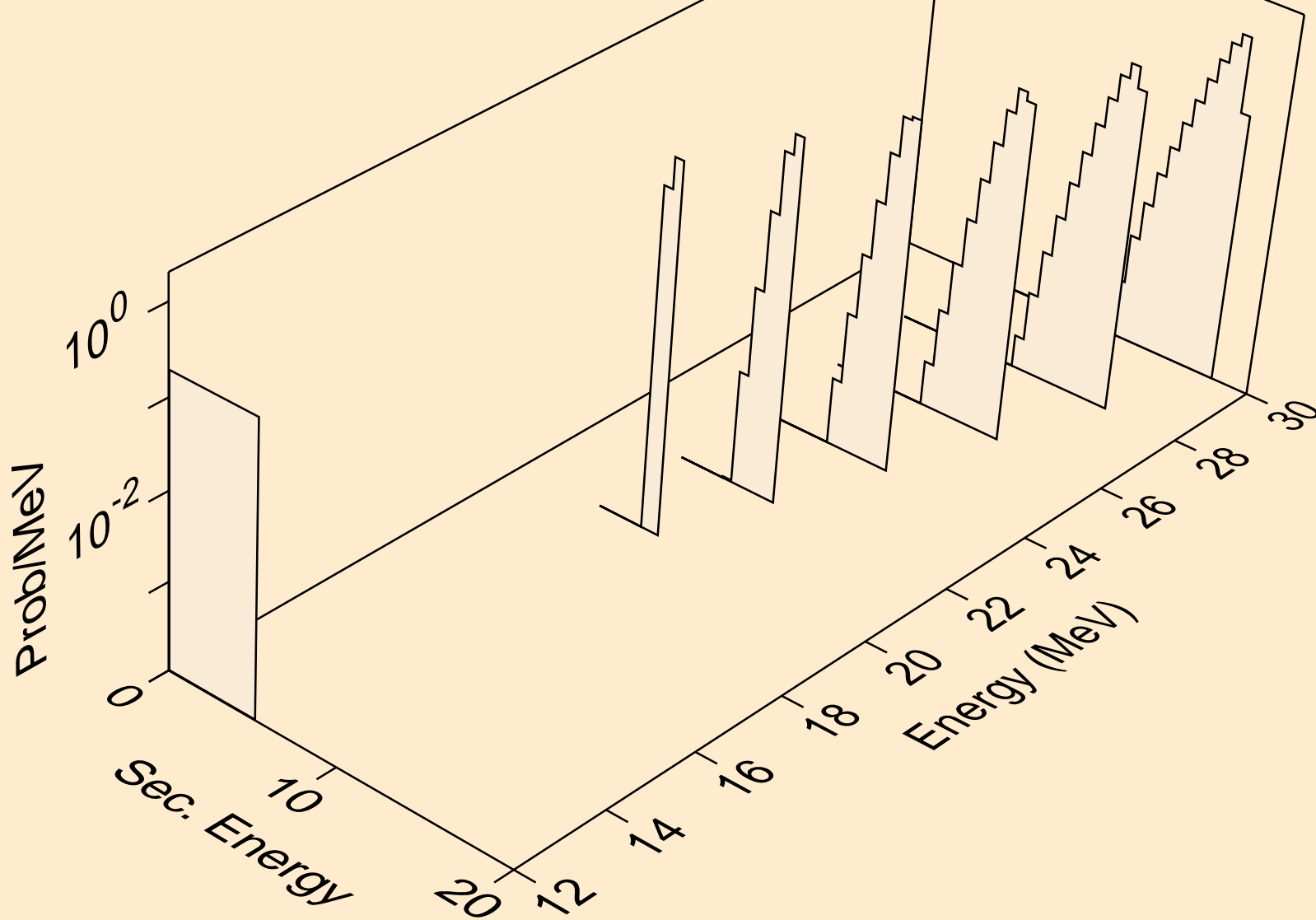


NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)

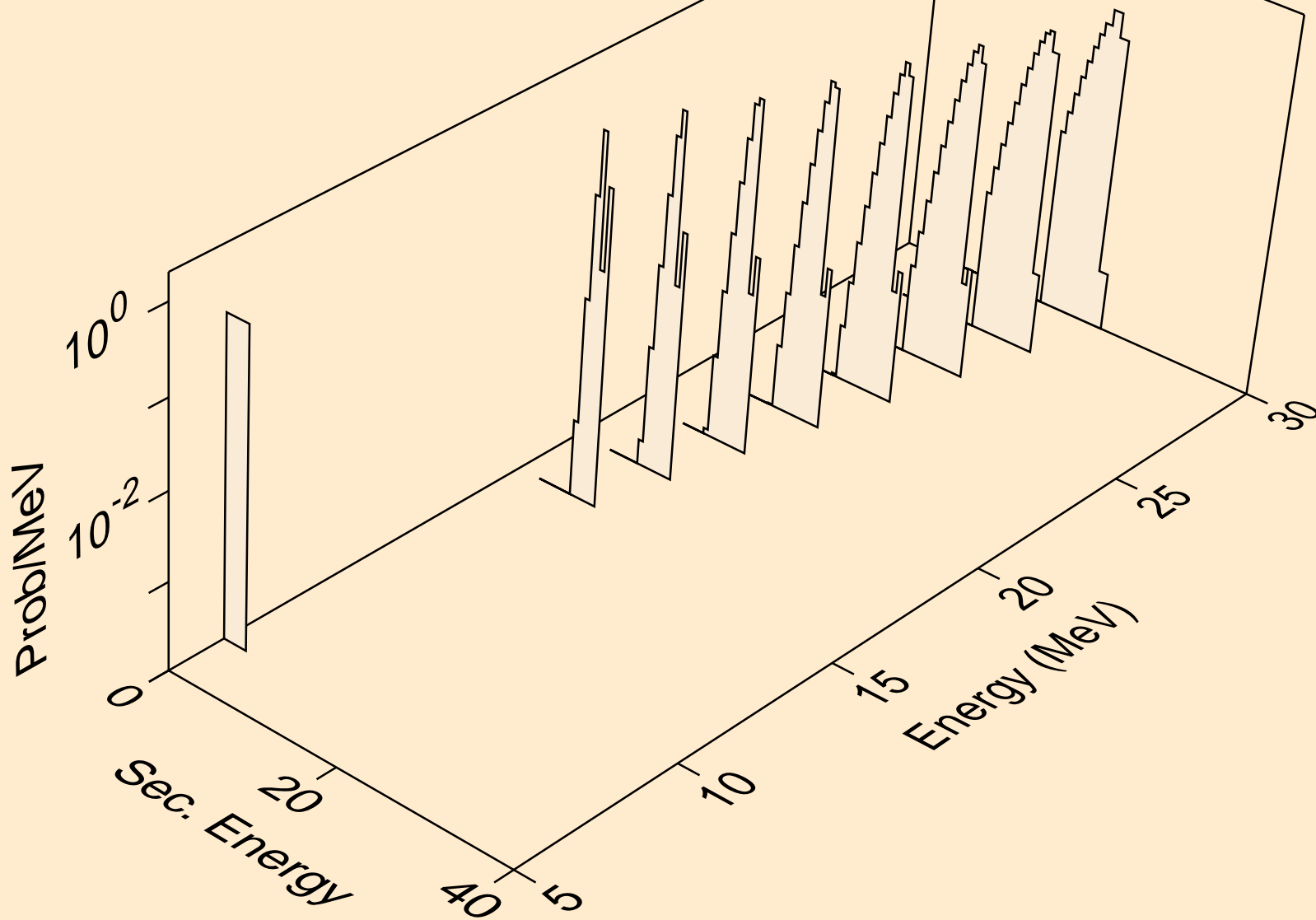




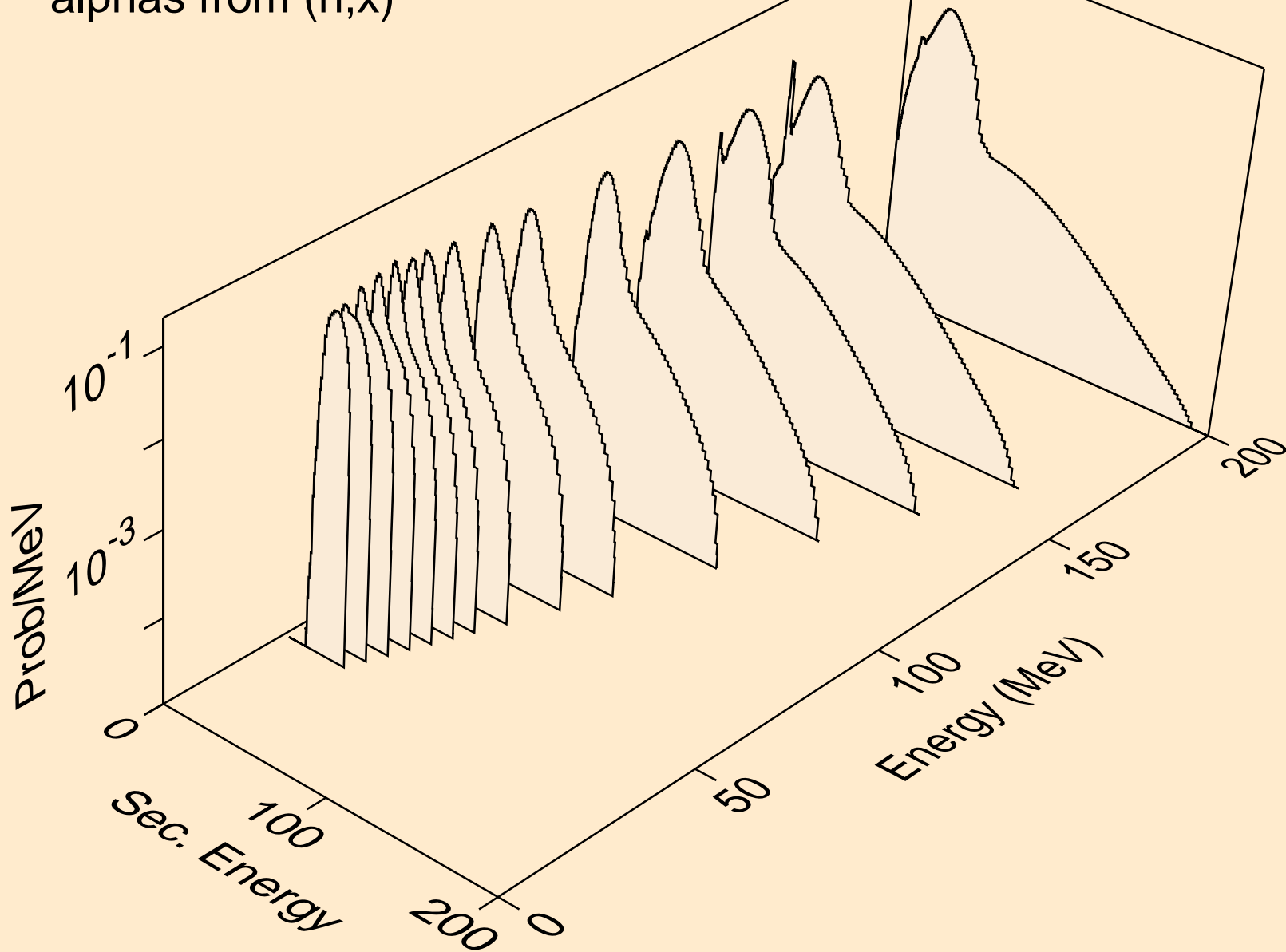
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



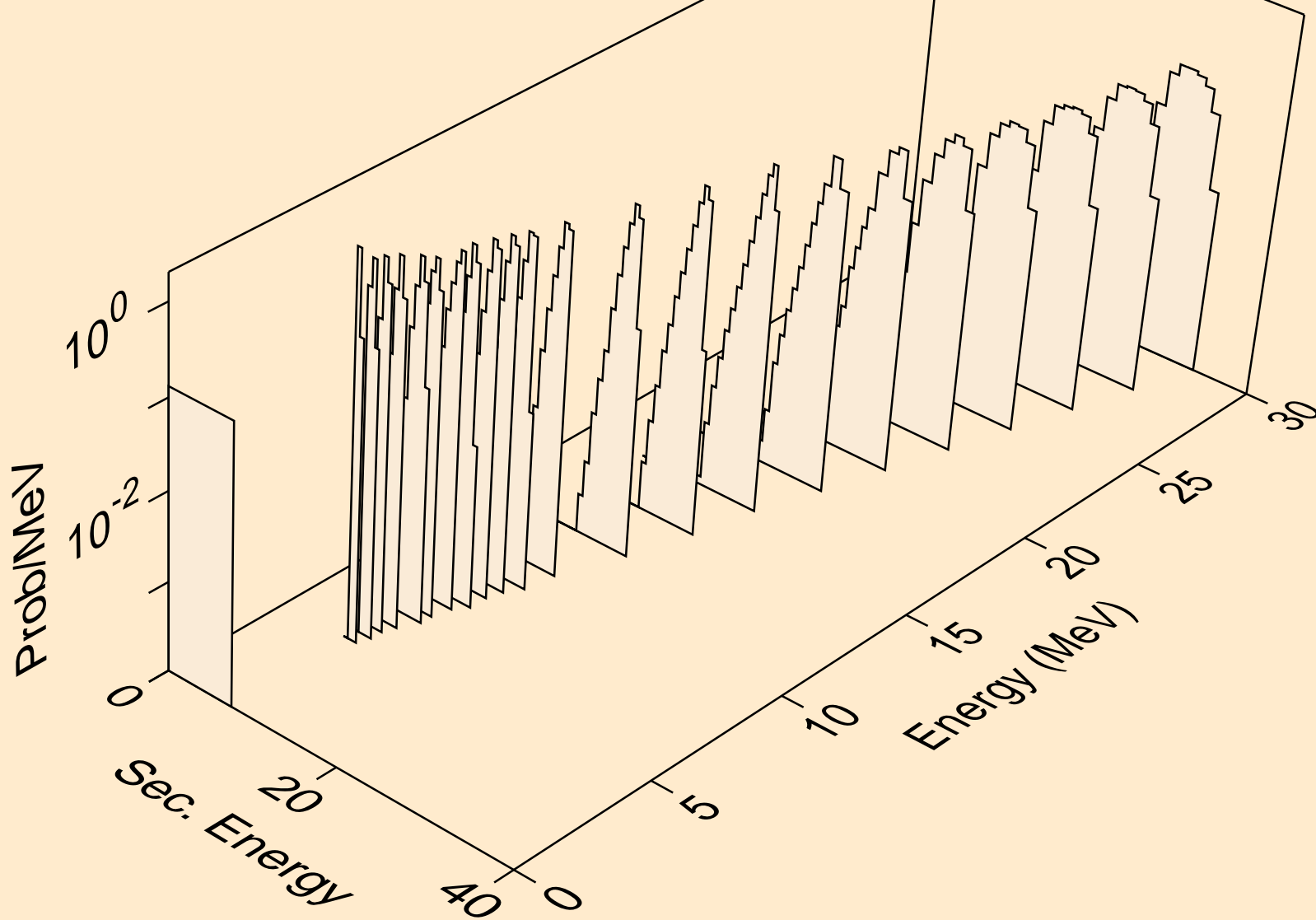
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



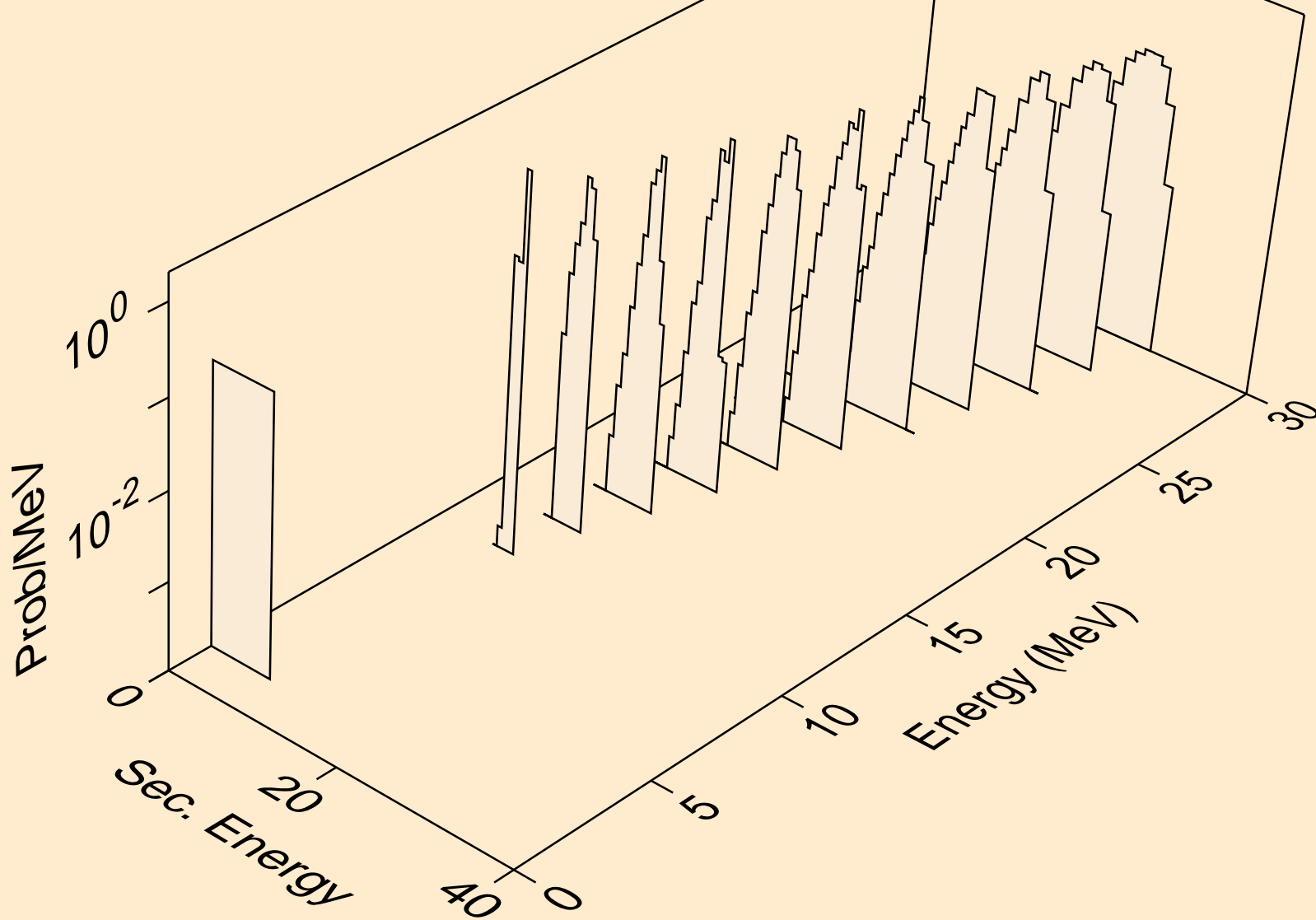
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



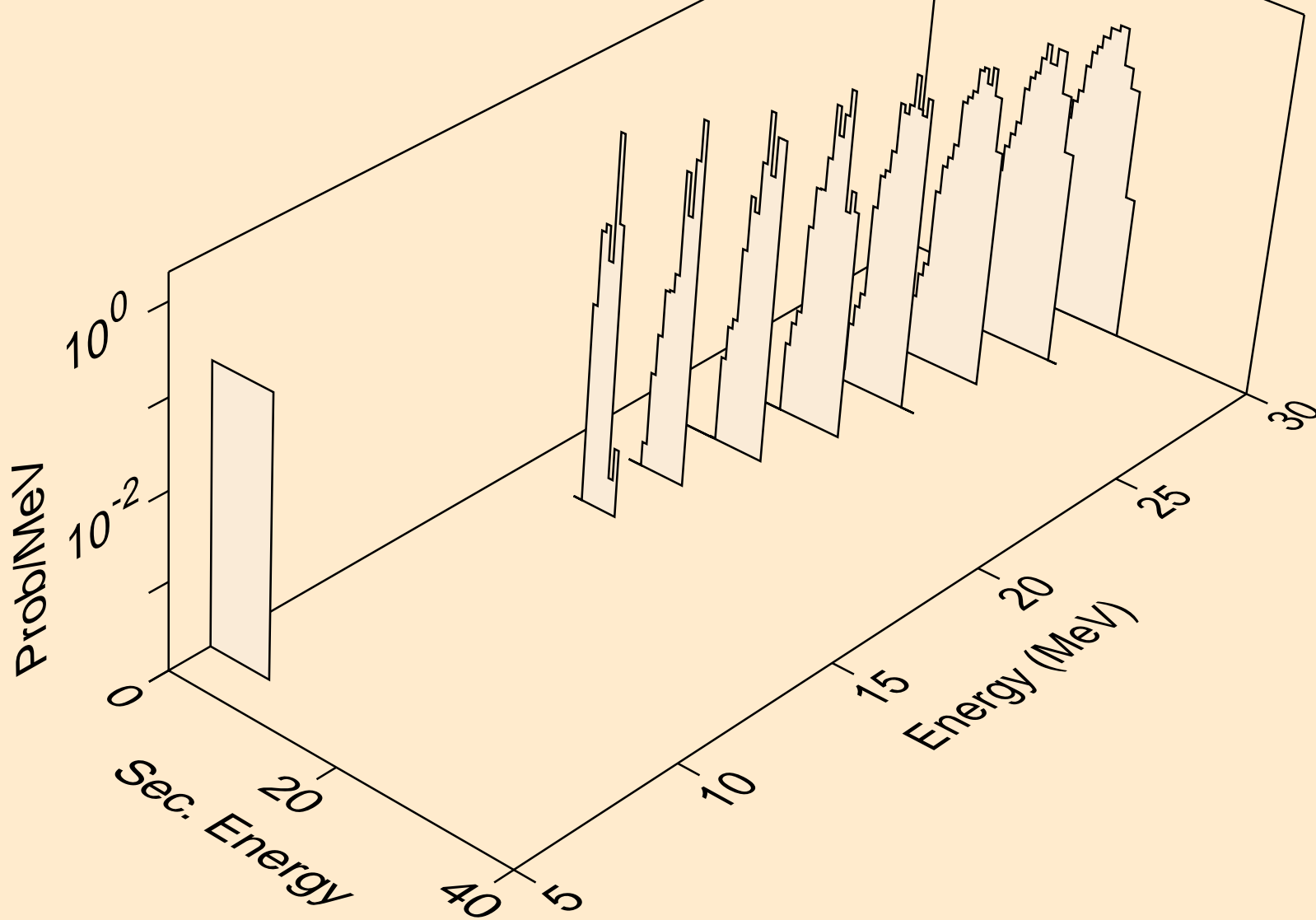
NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



NP243 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

