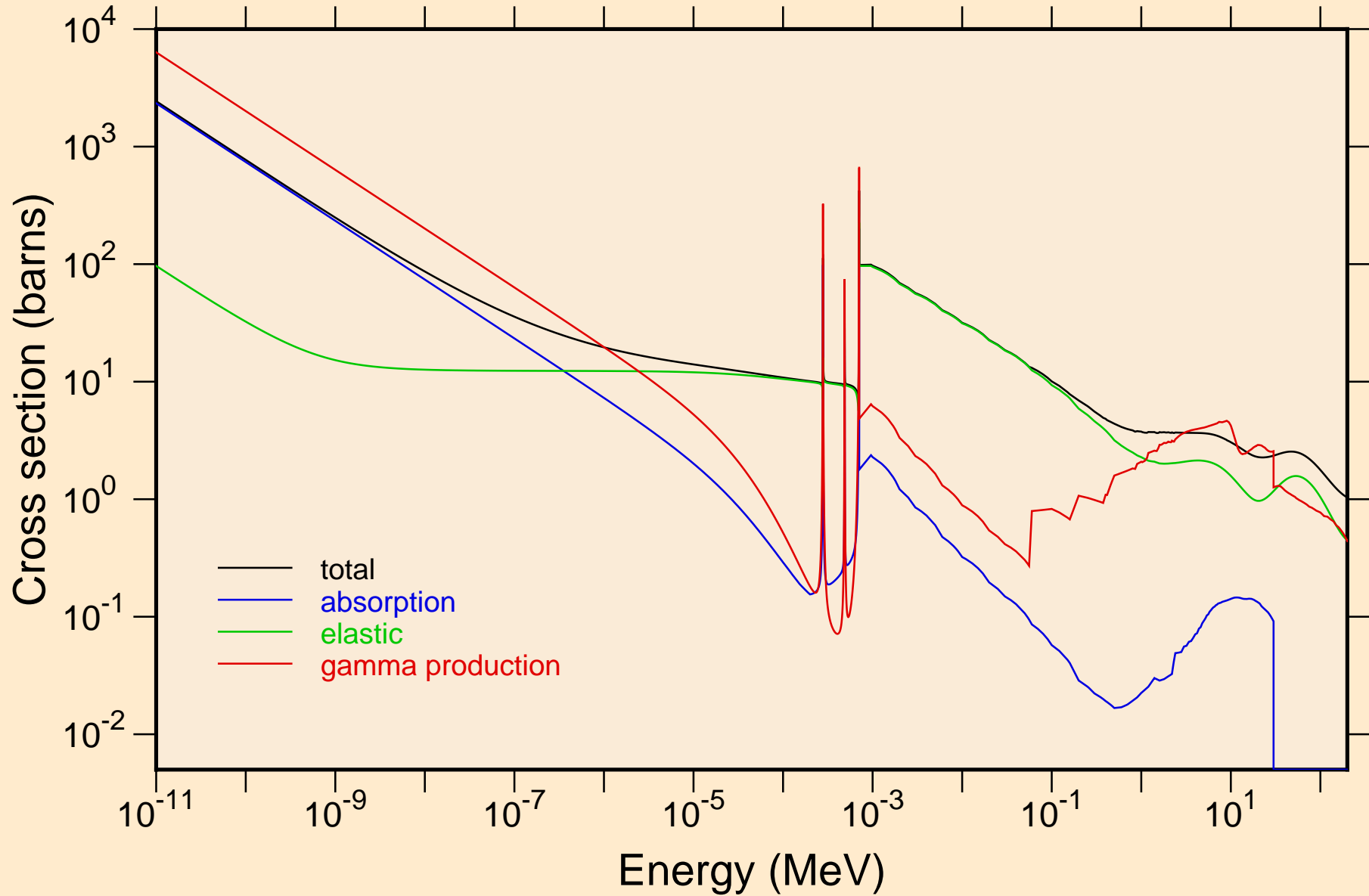
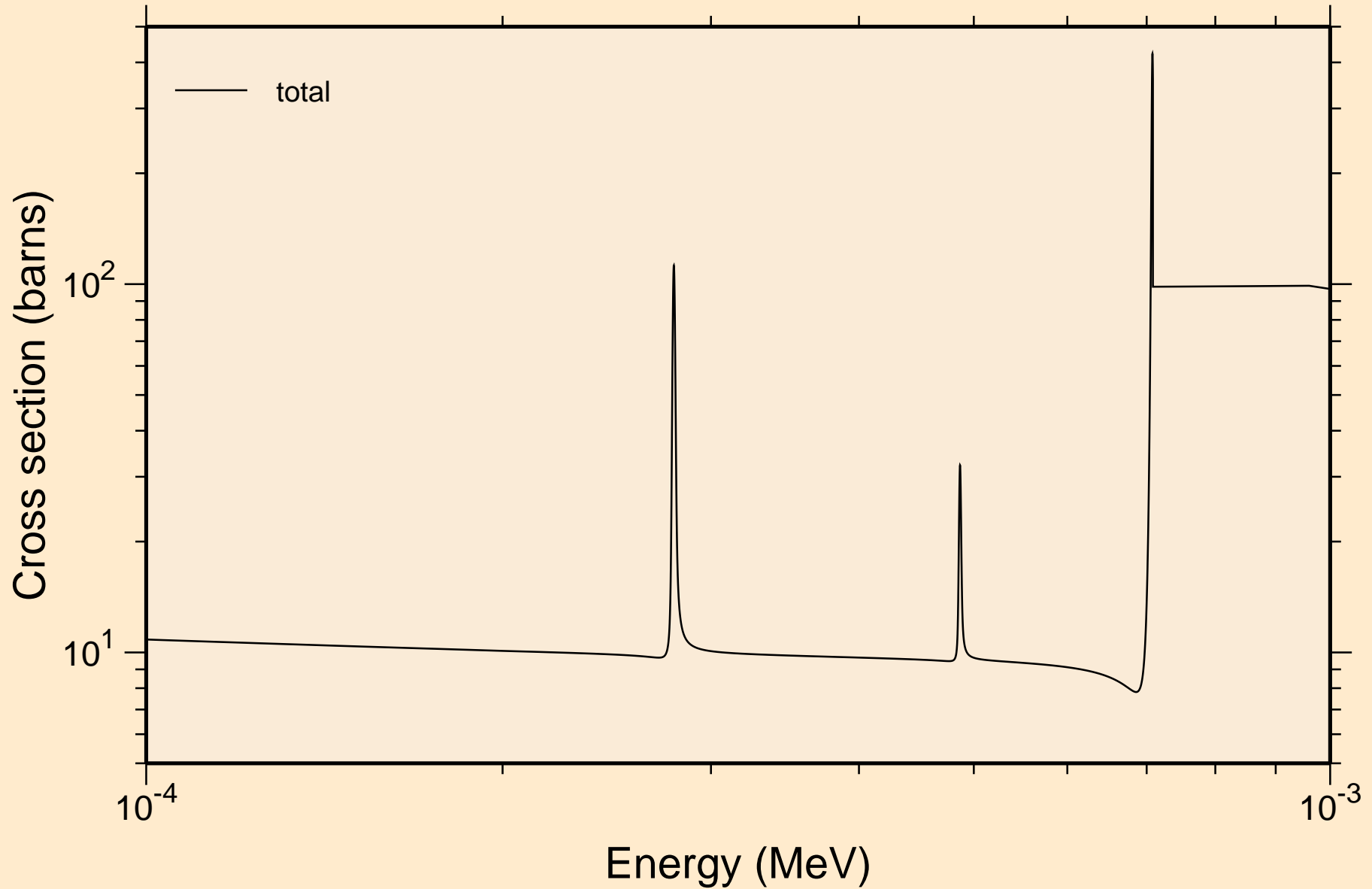


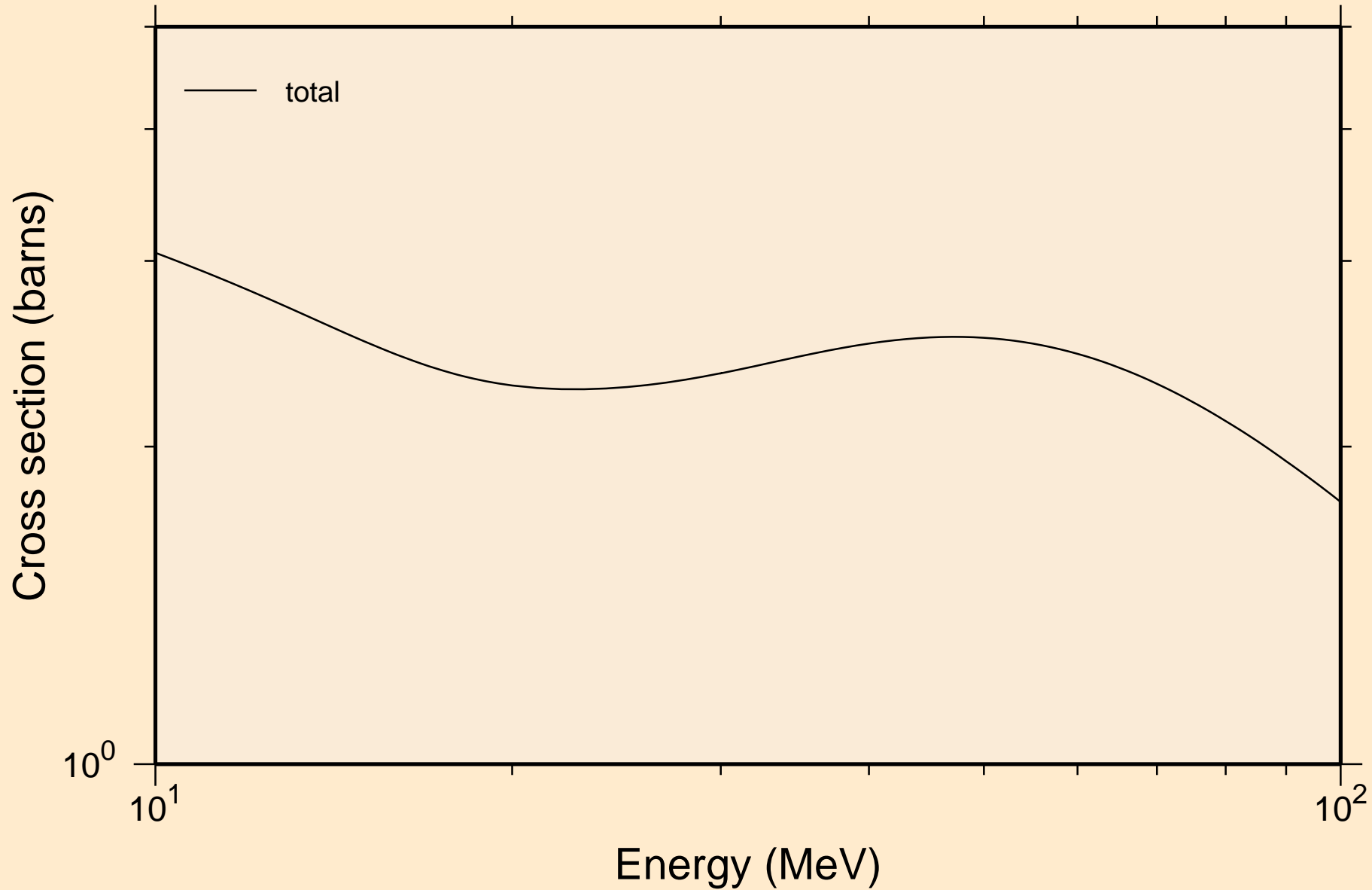
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



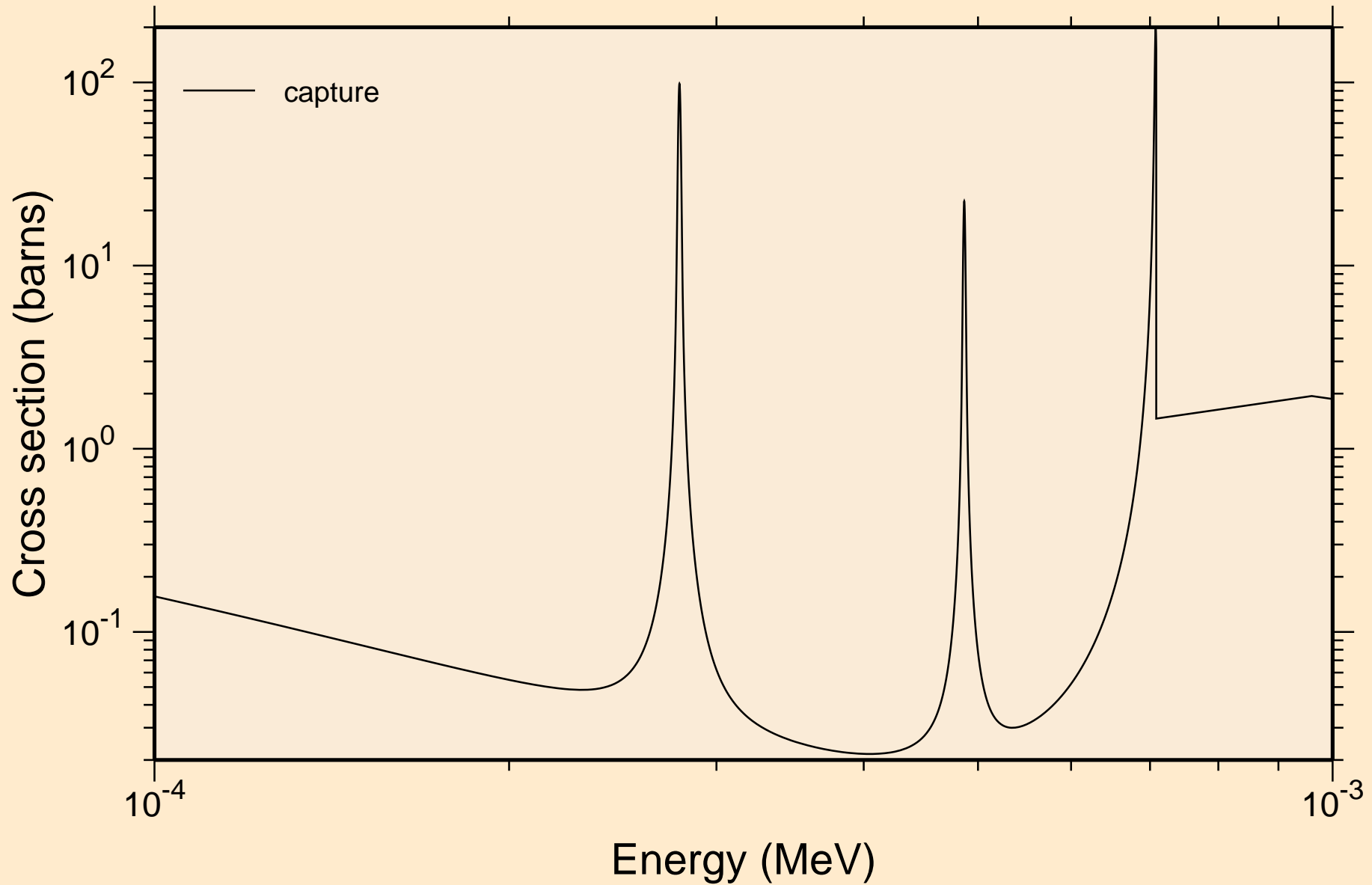
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



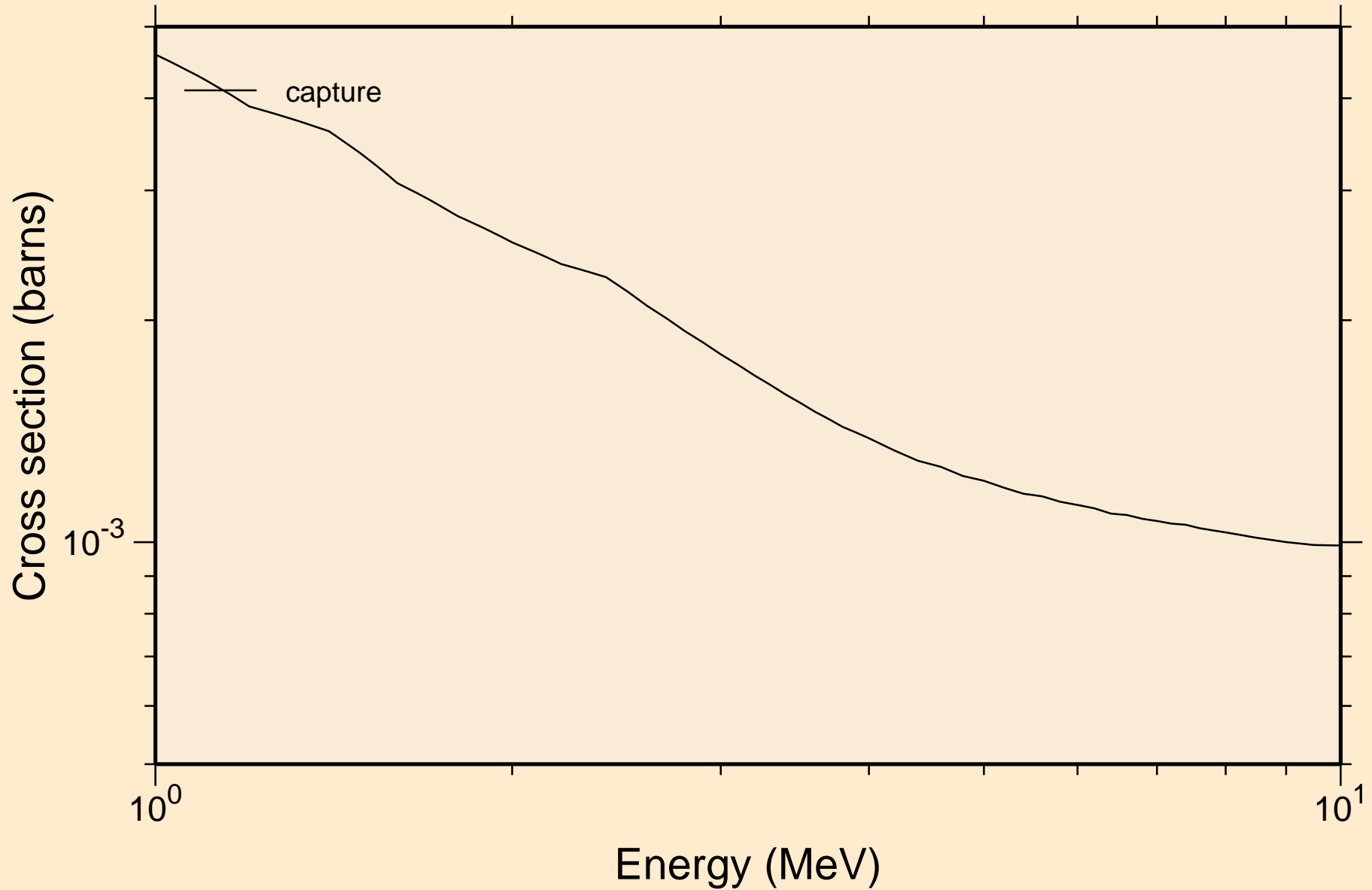
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



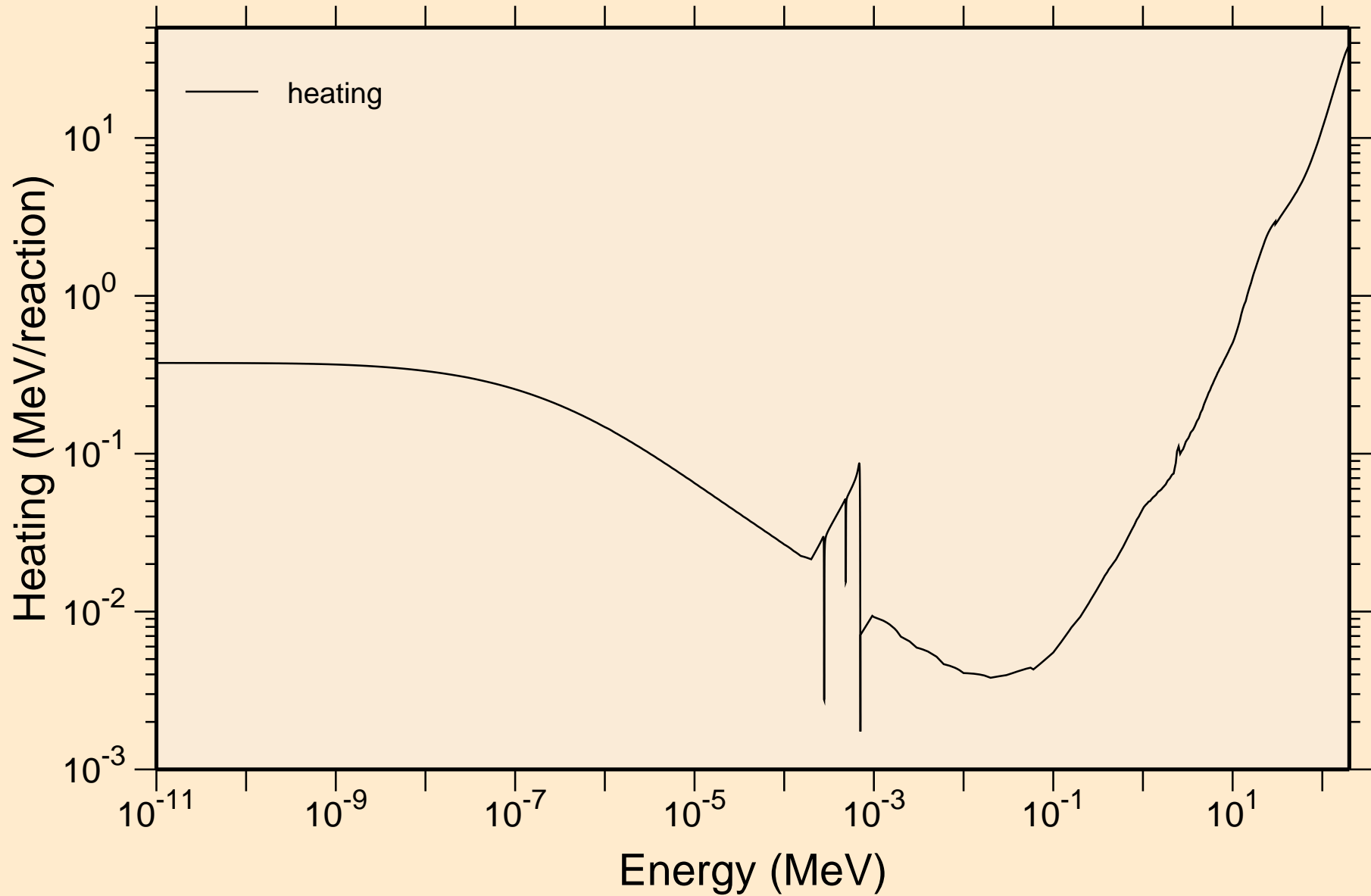
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



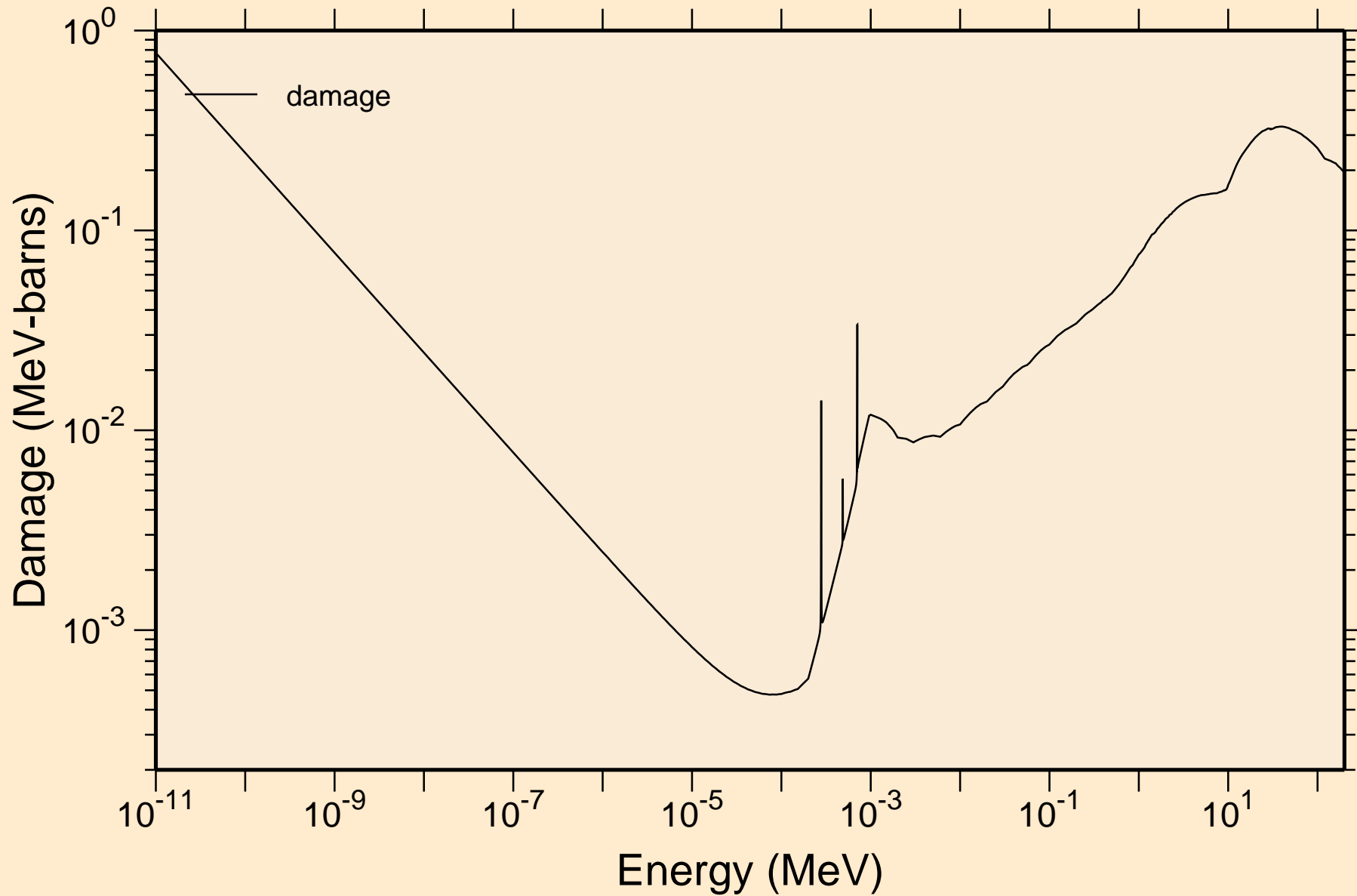
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

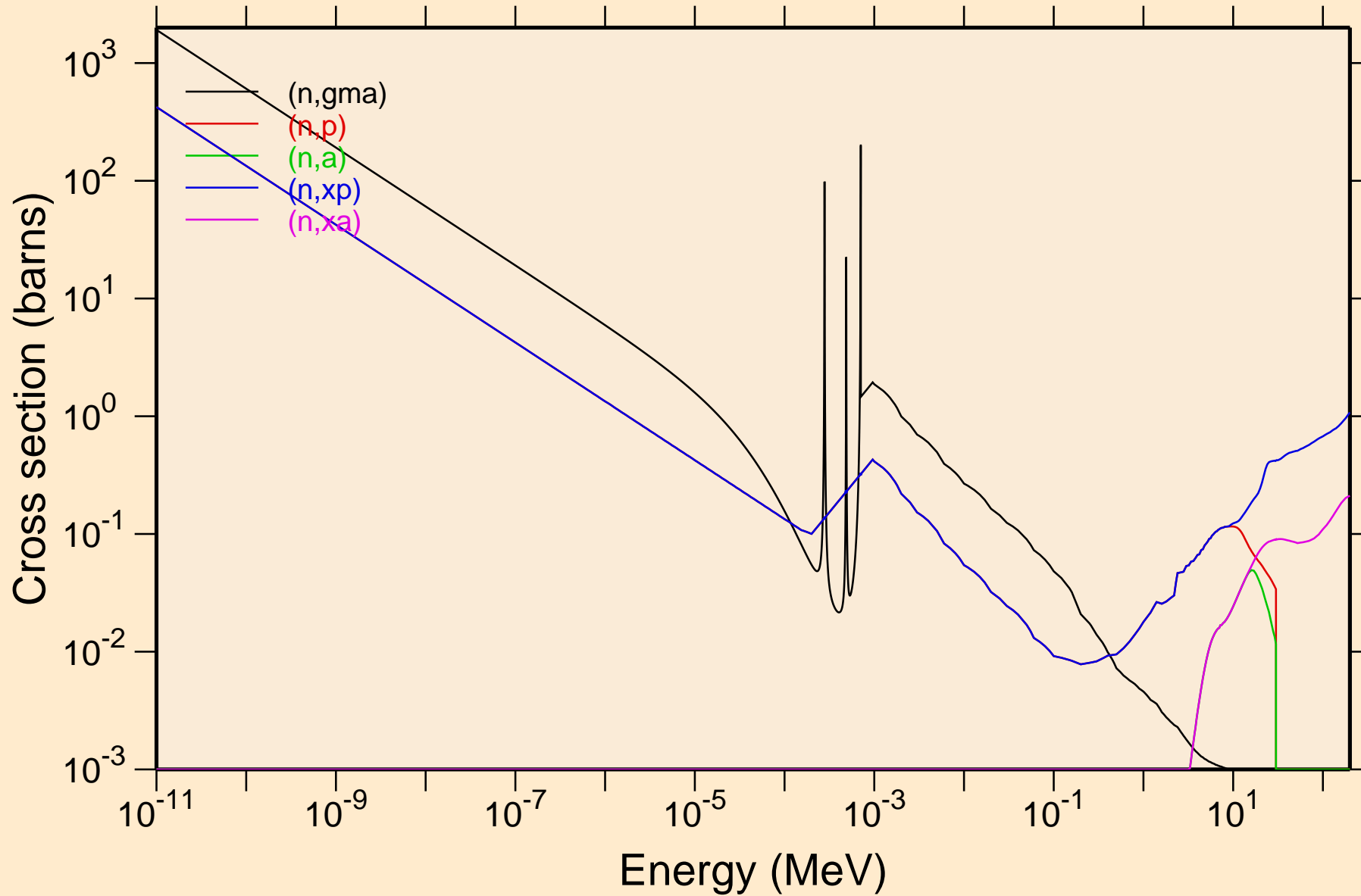


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



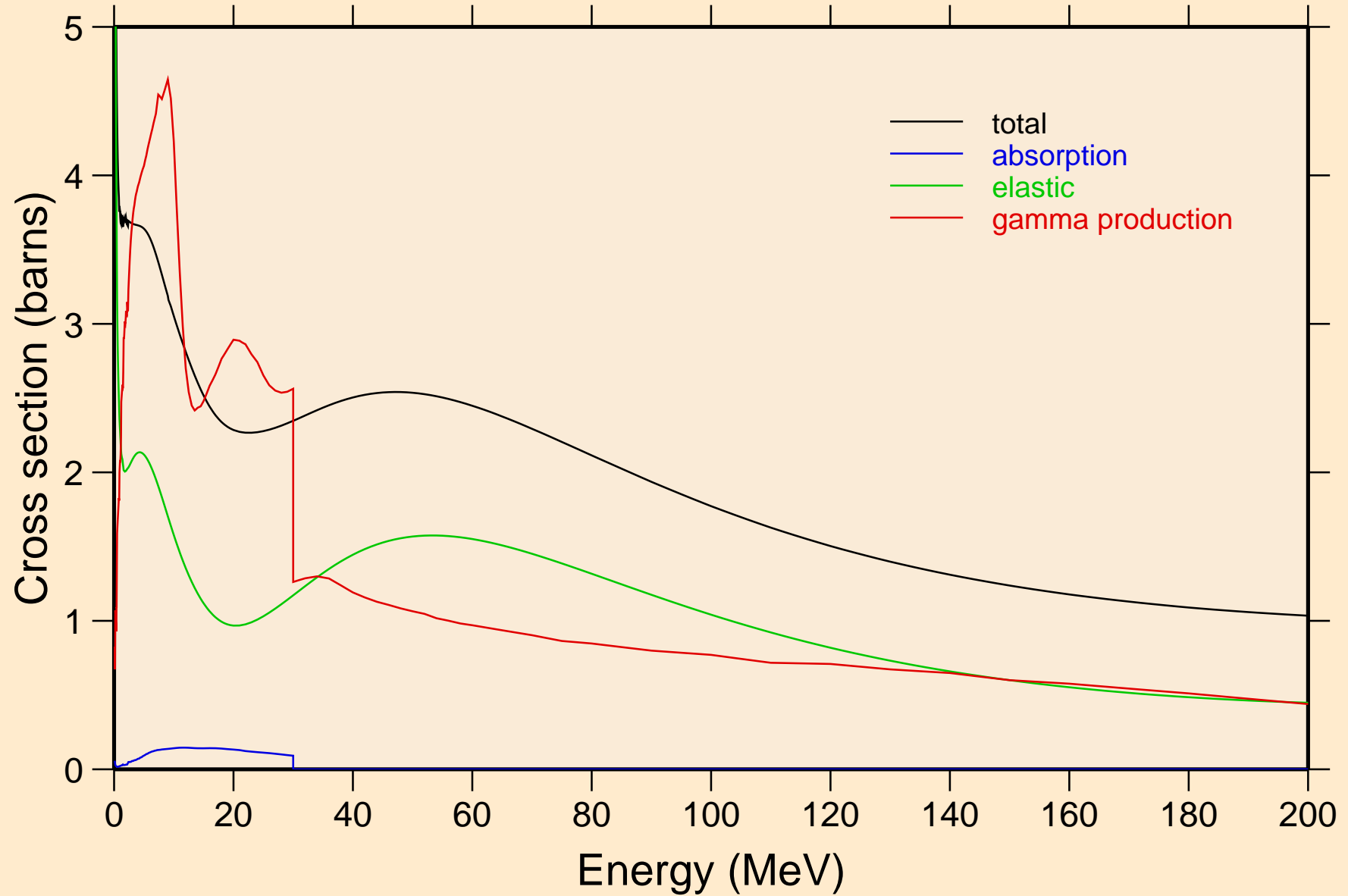
# MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

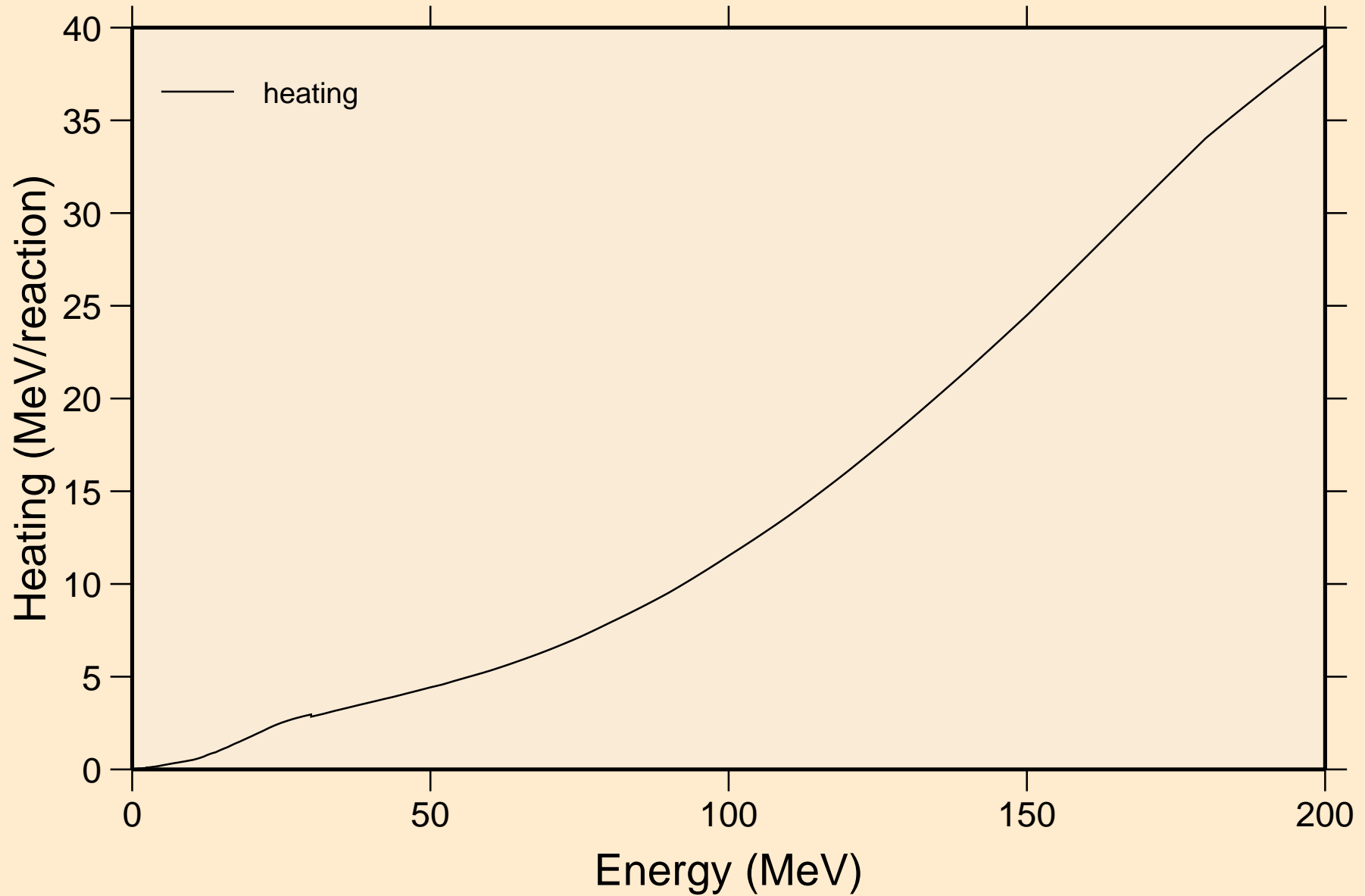




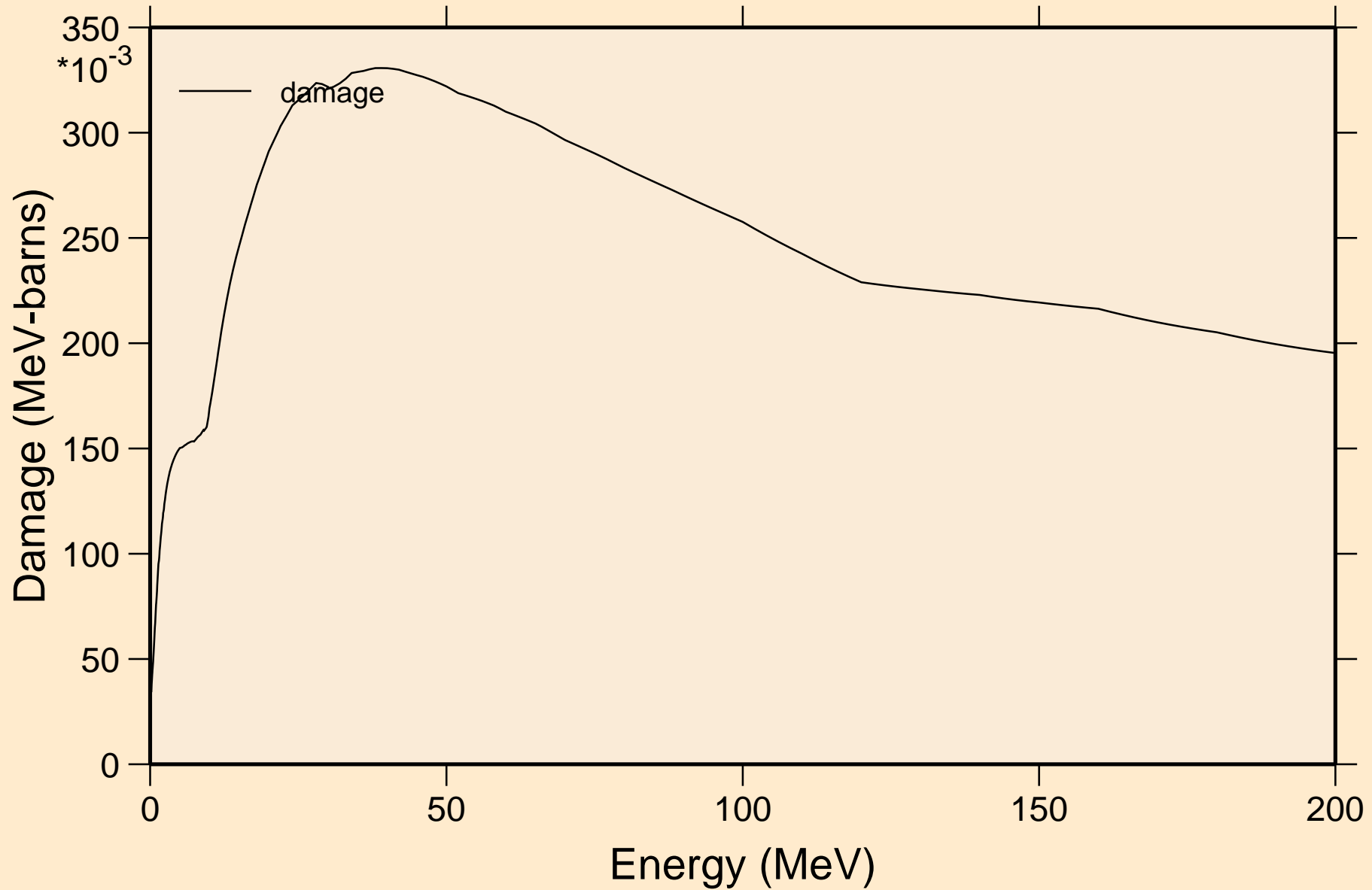
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



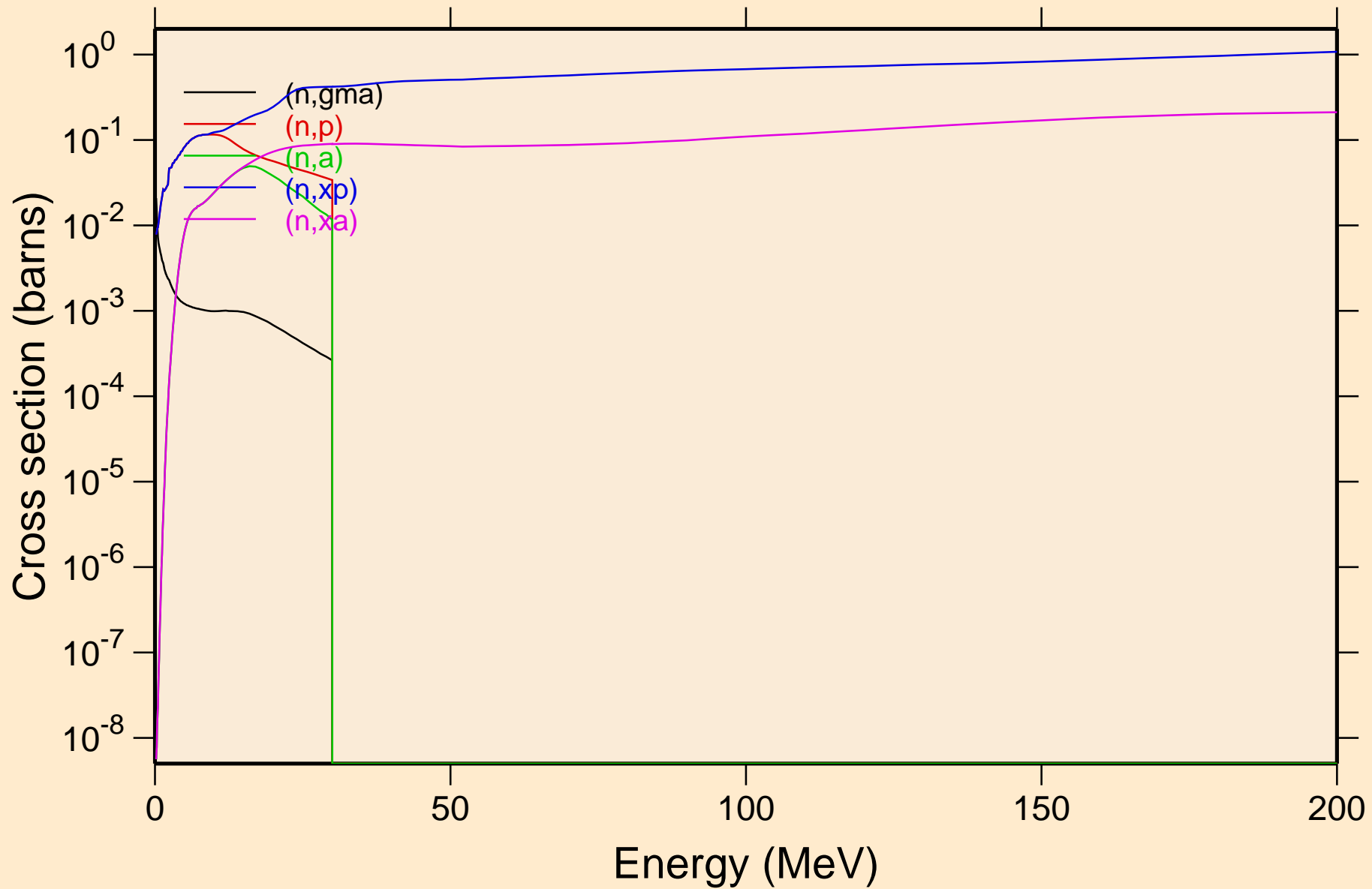
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



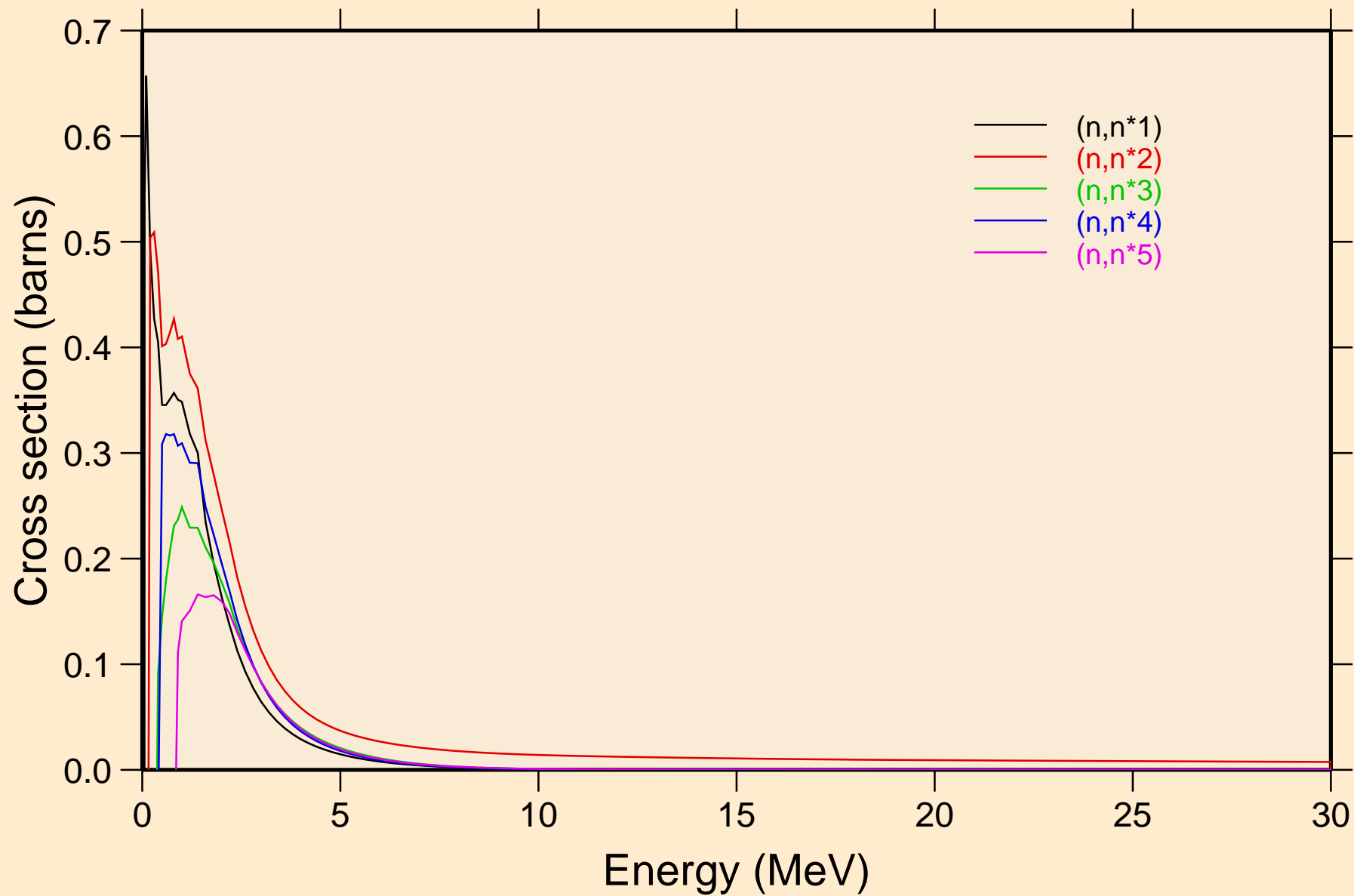
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



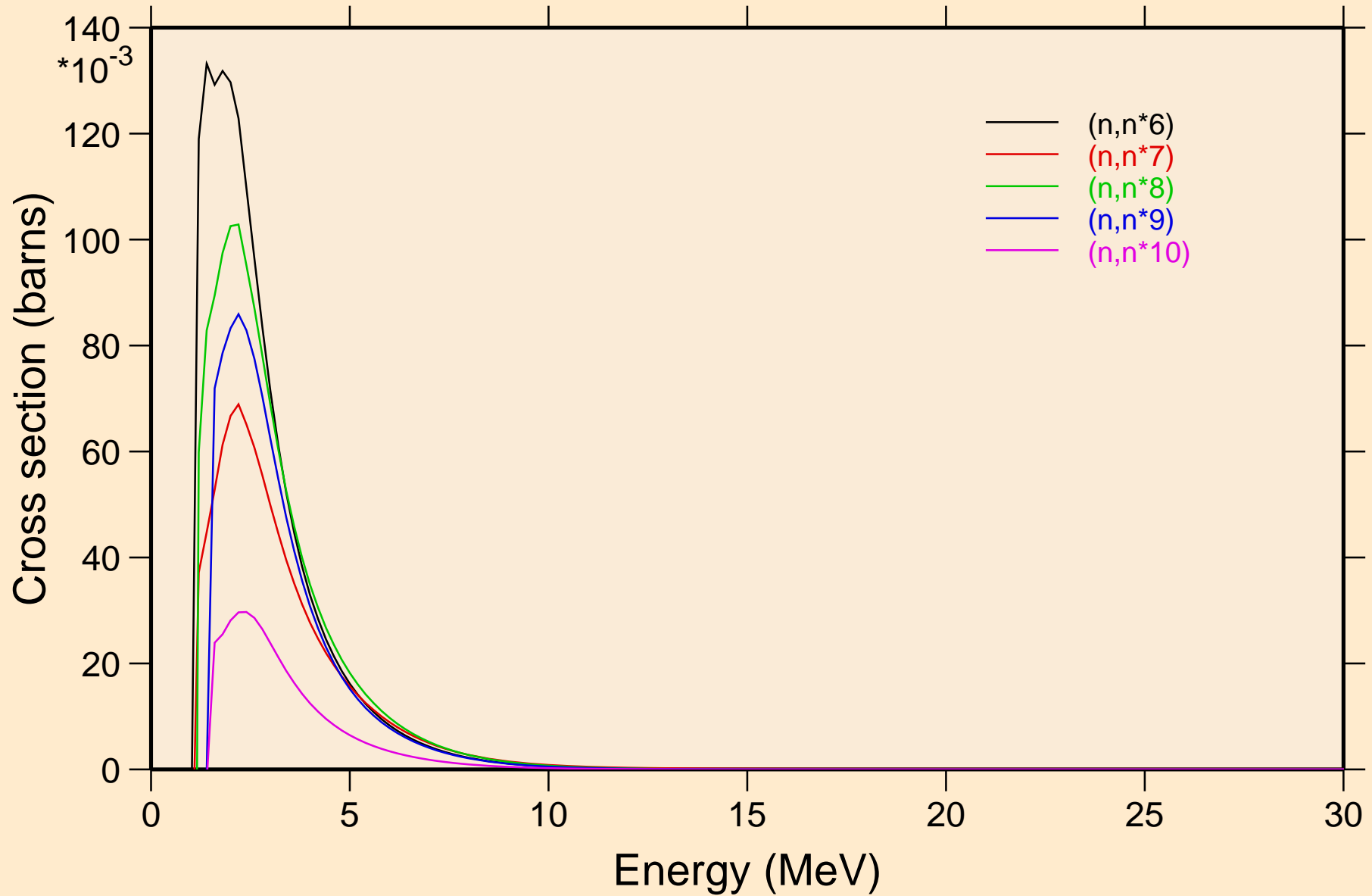
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



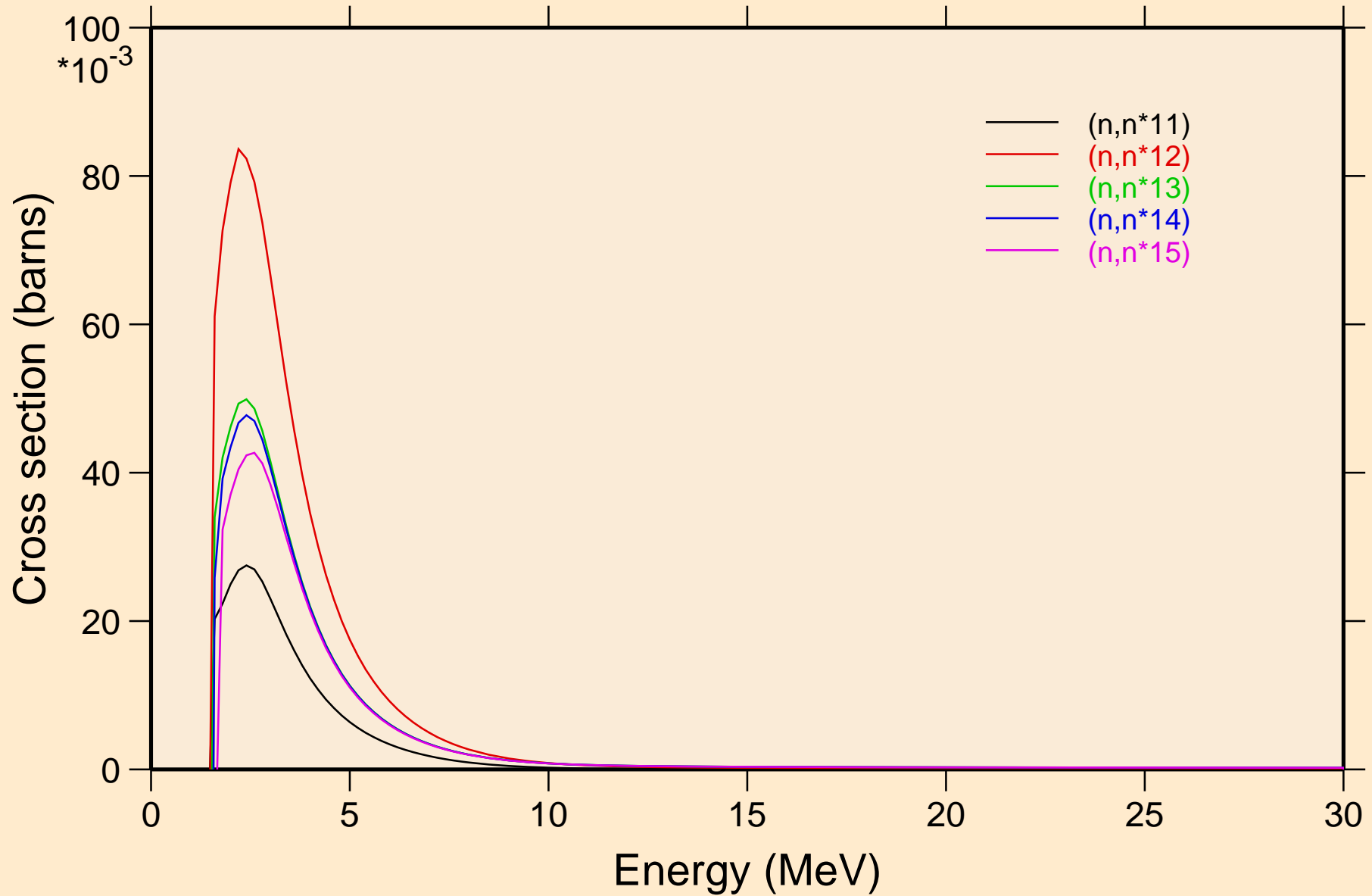
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



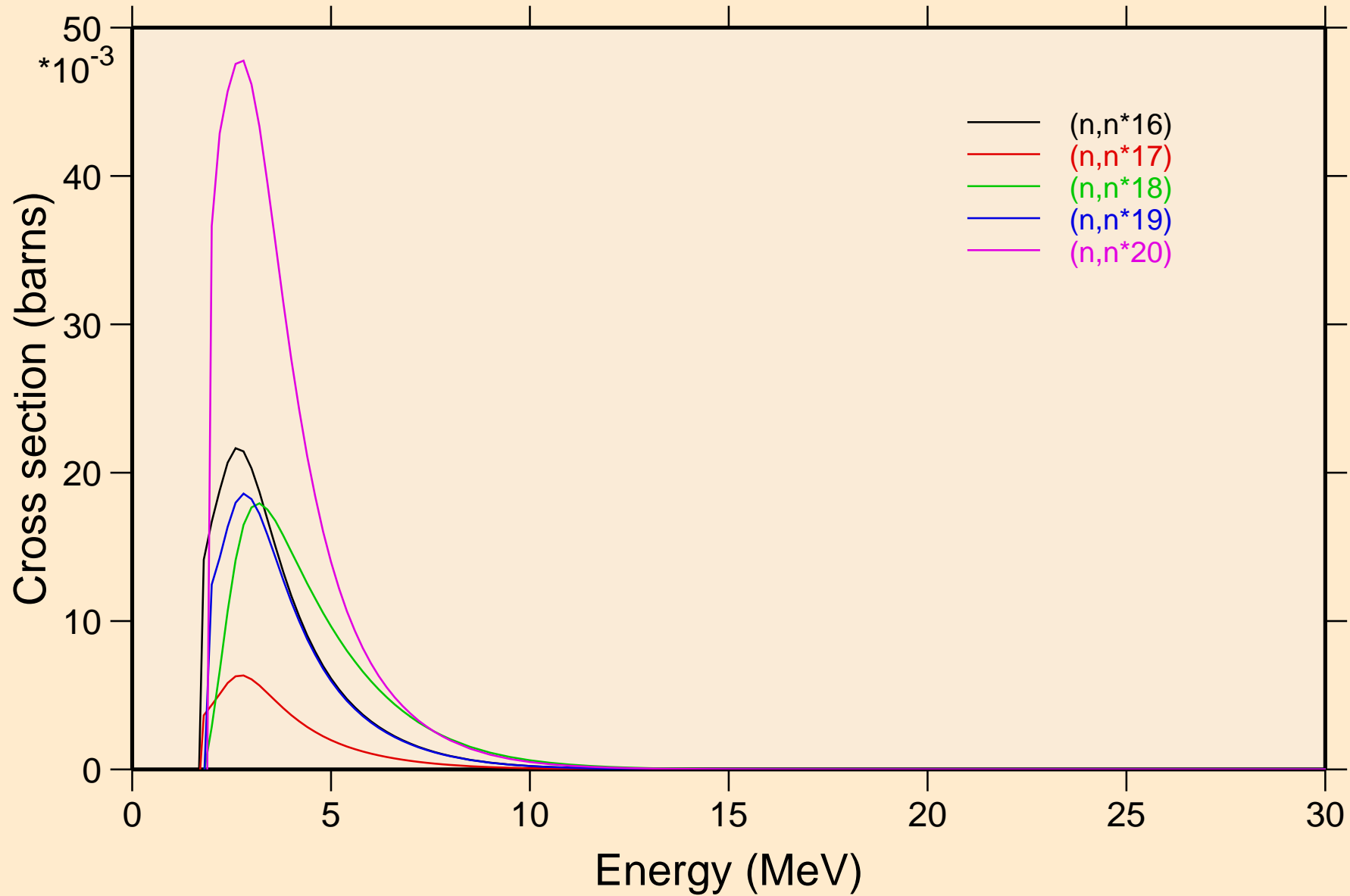
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

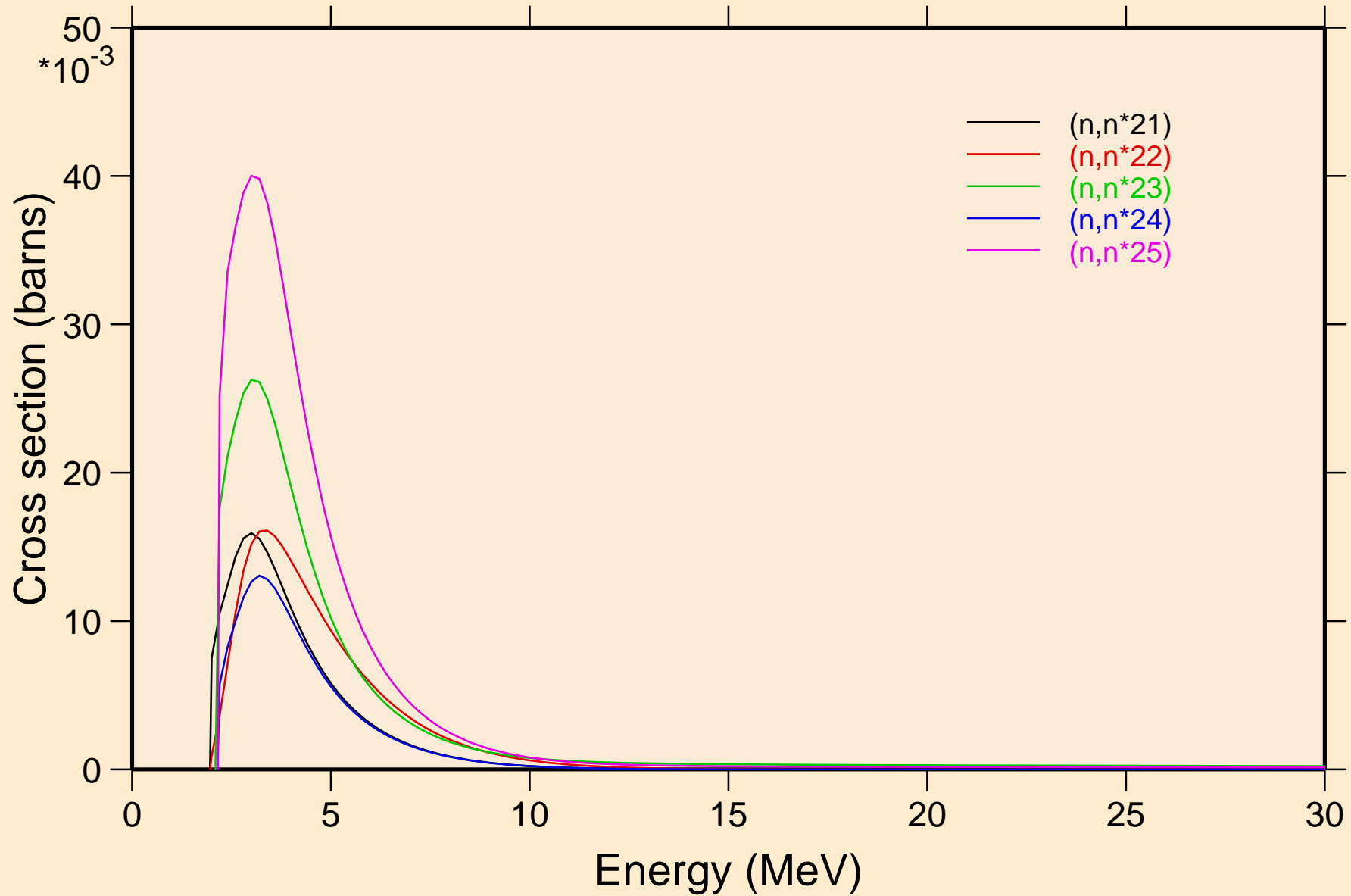


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

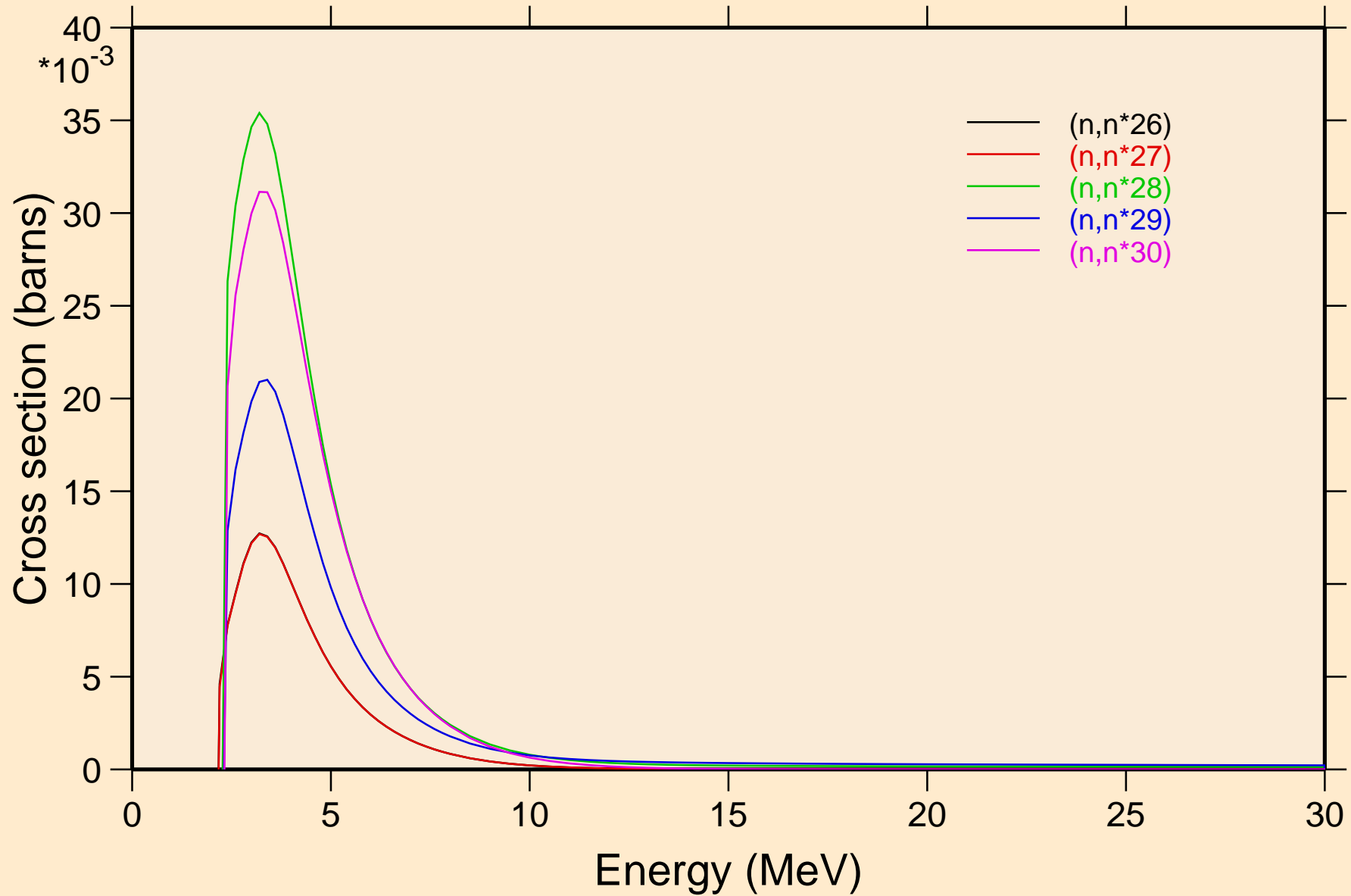




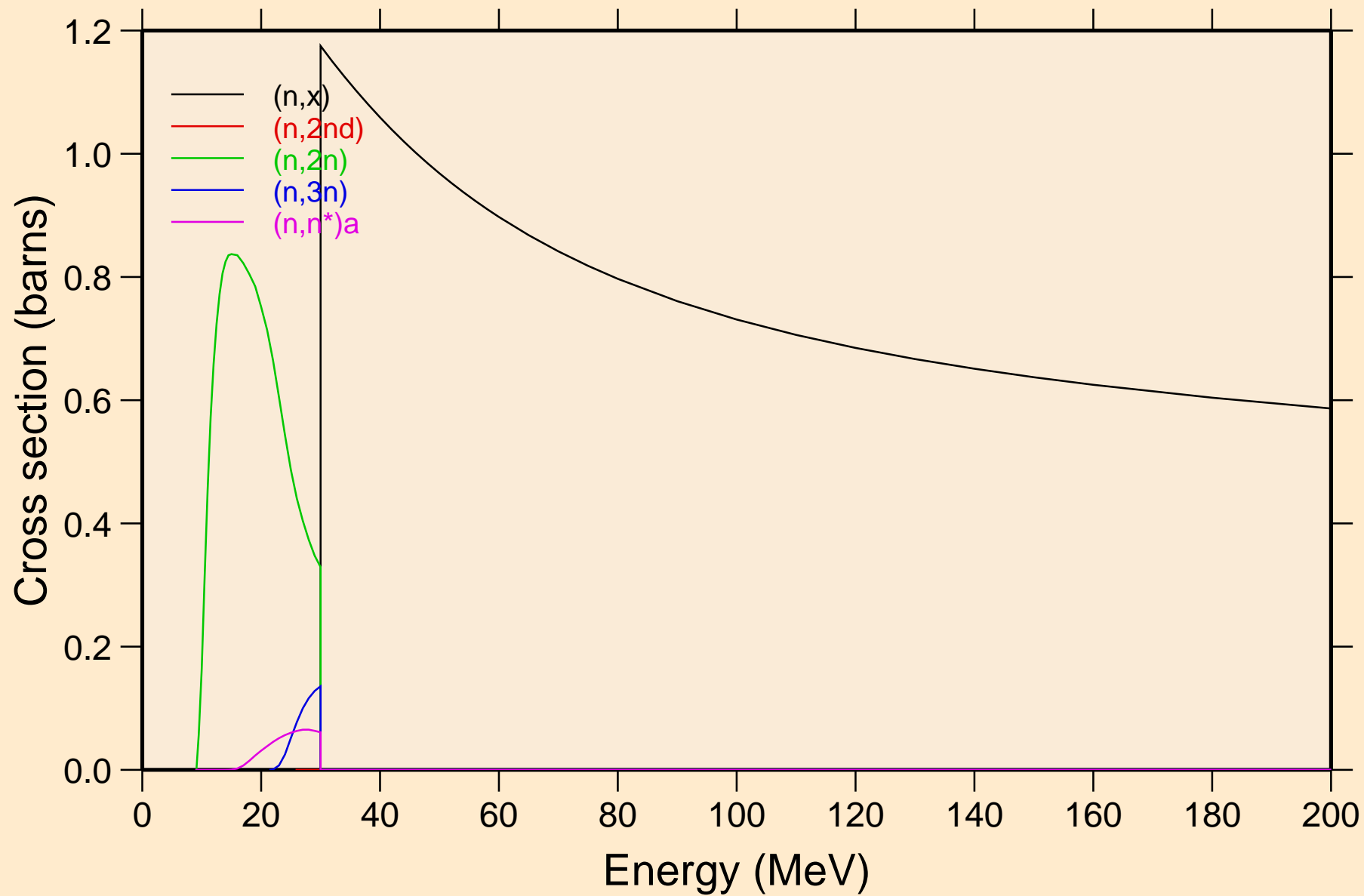
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



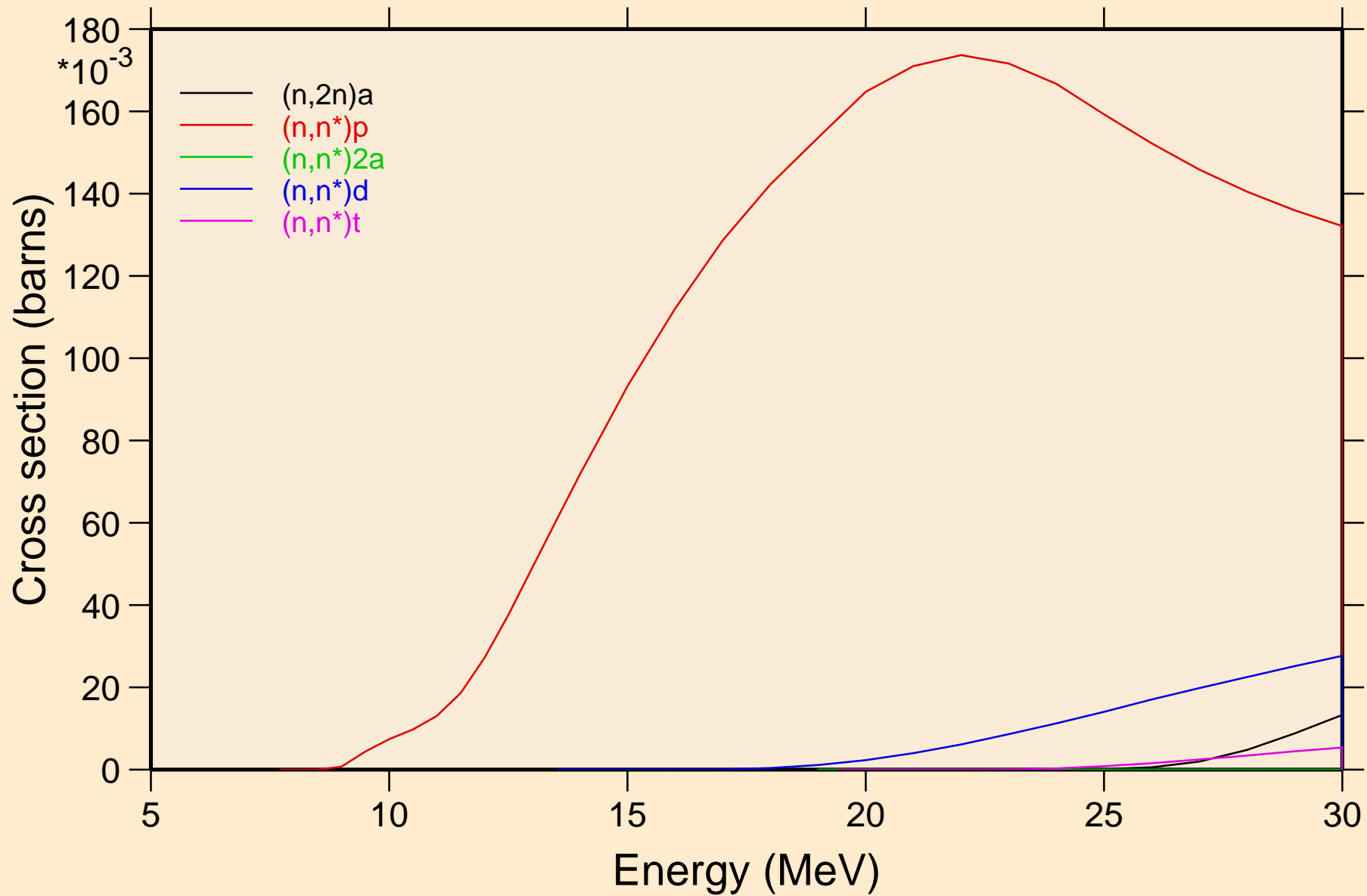
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



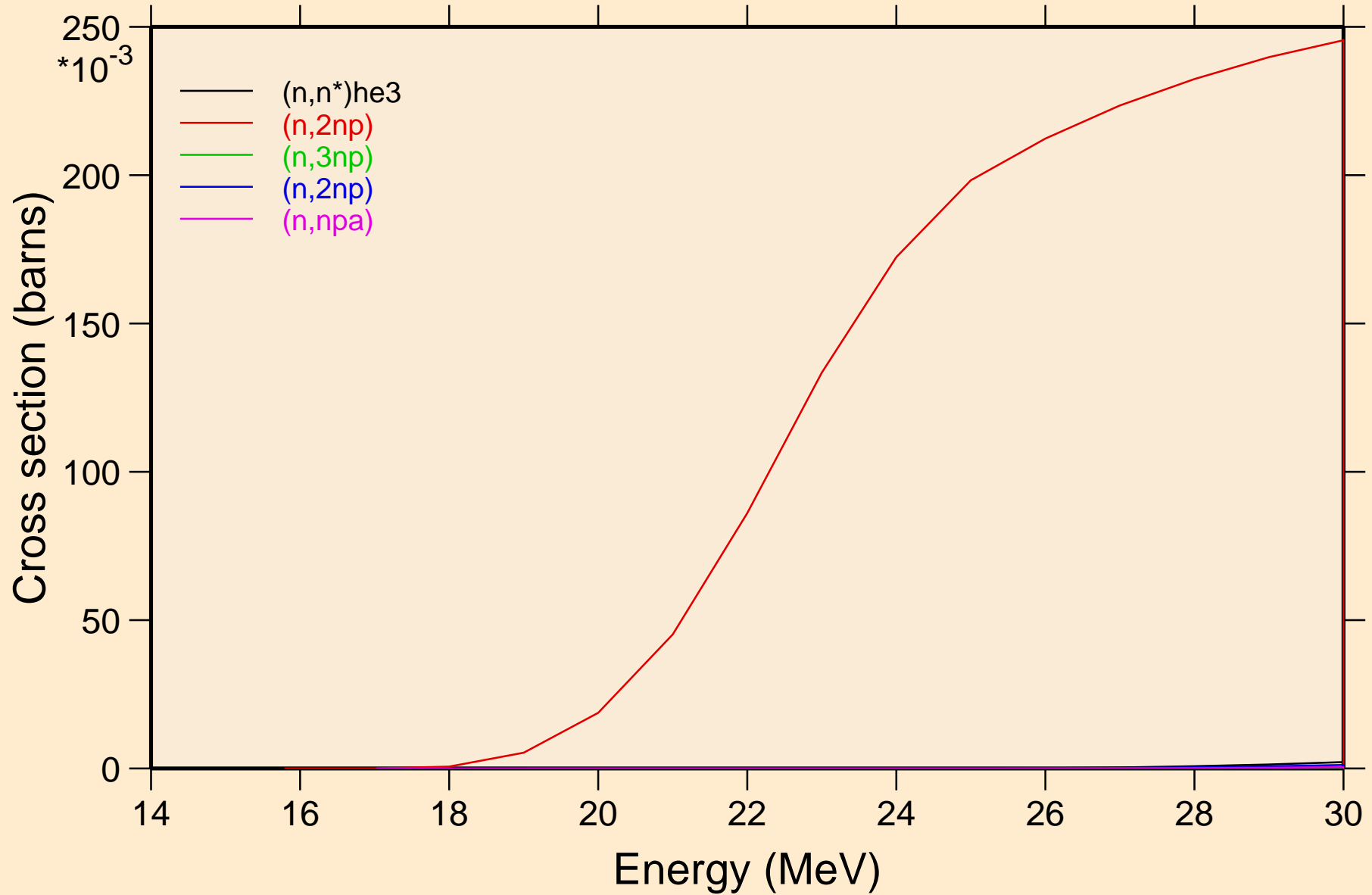
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



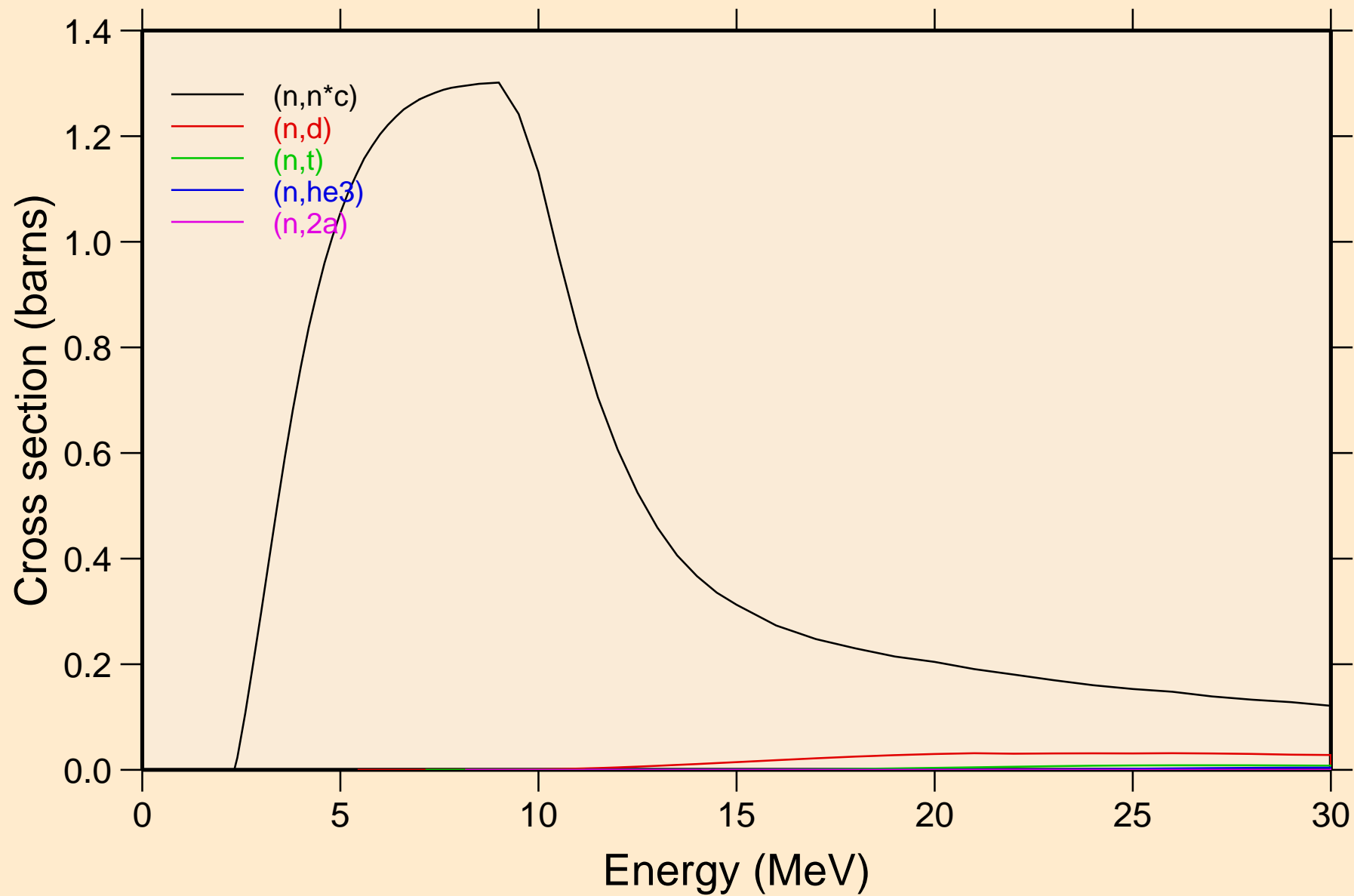
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



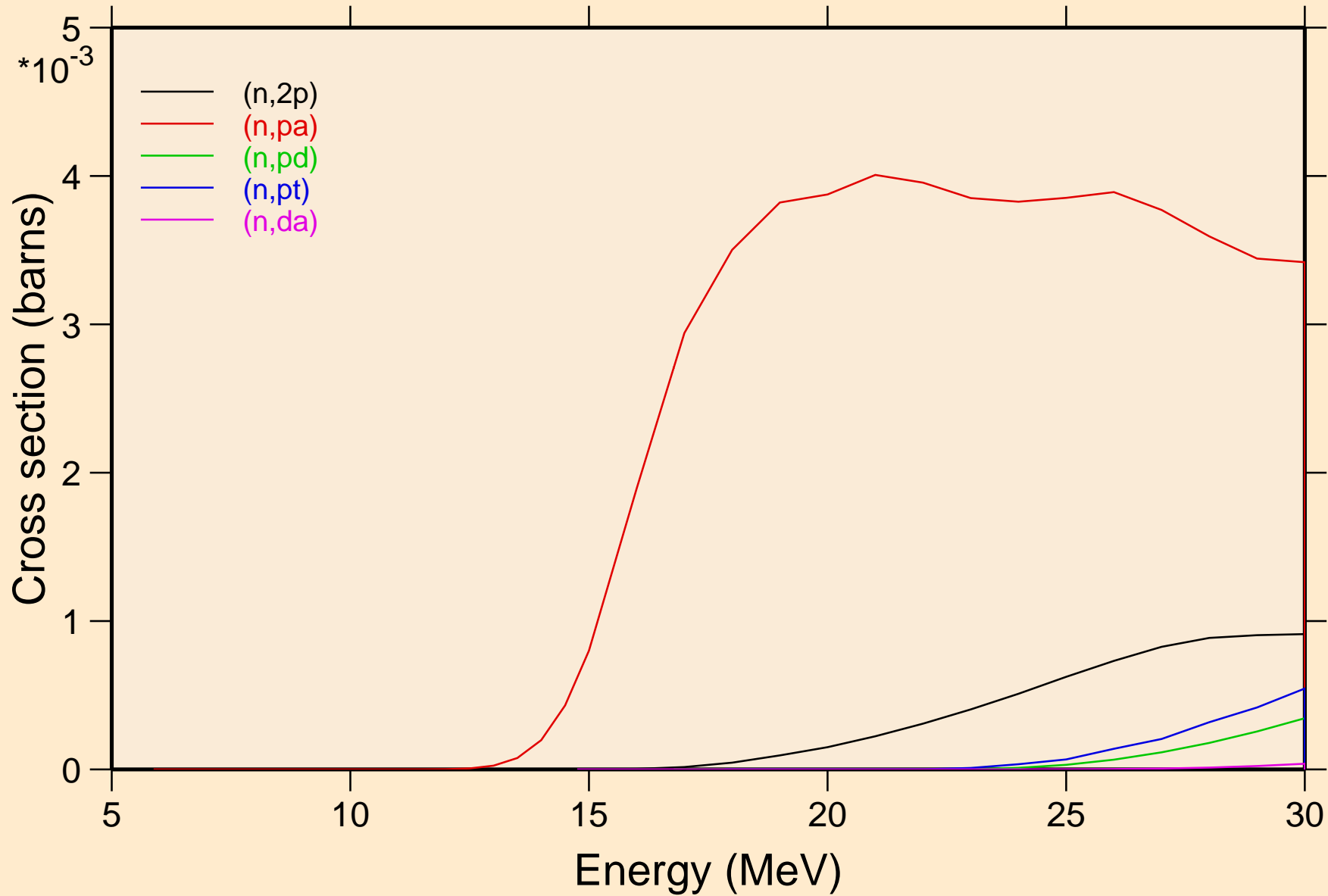
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



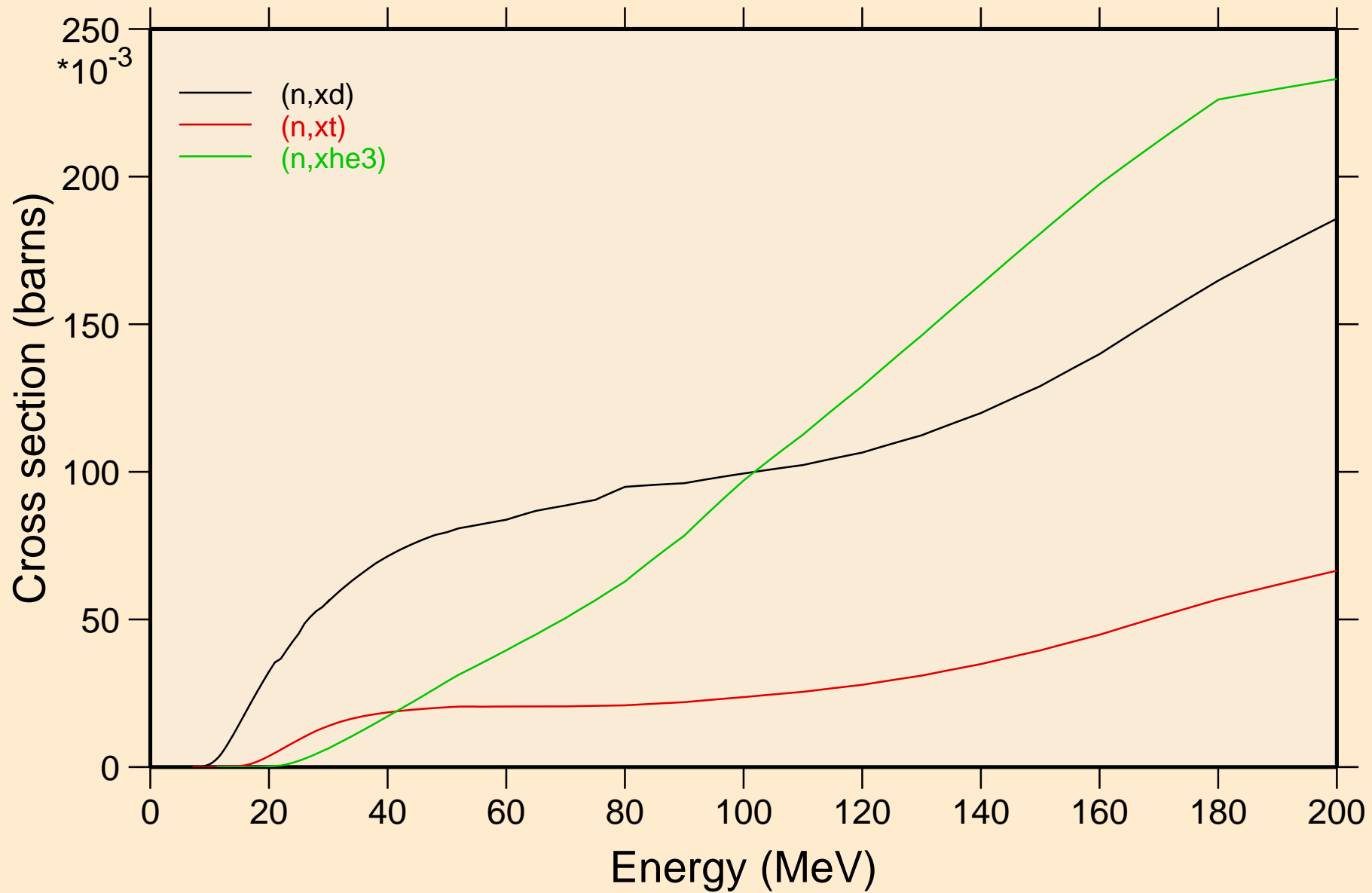
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

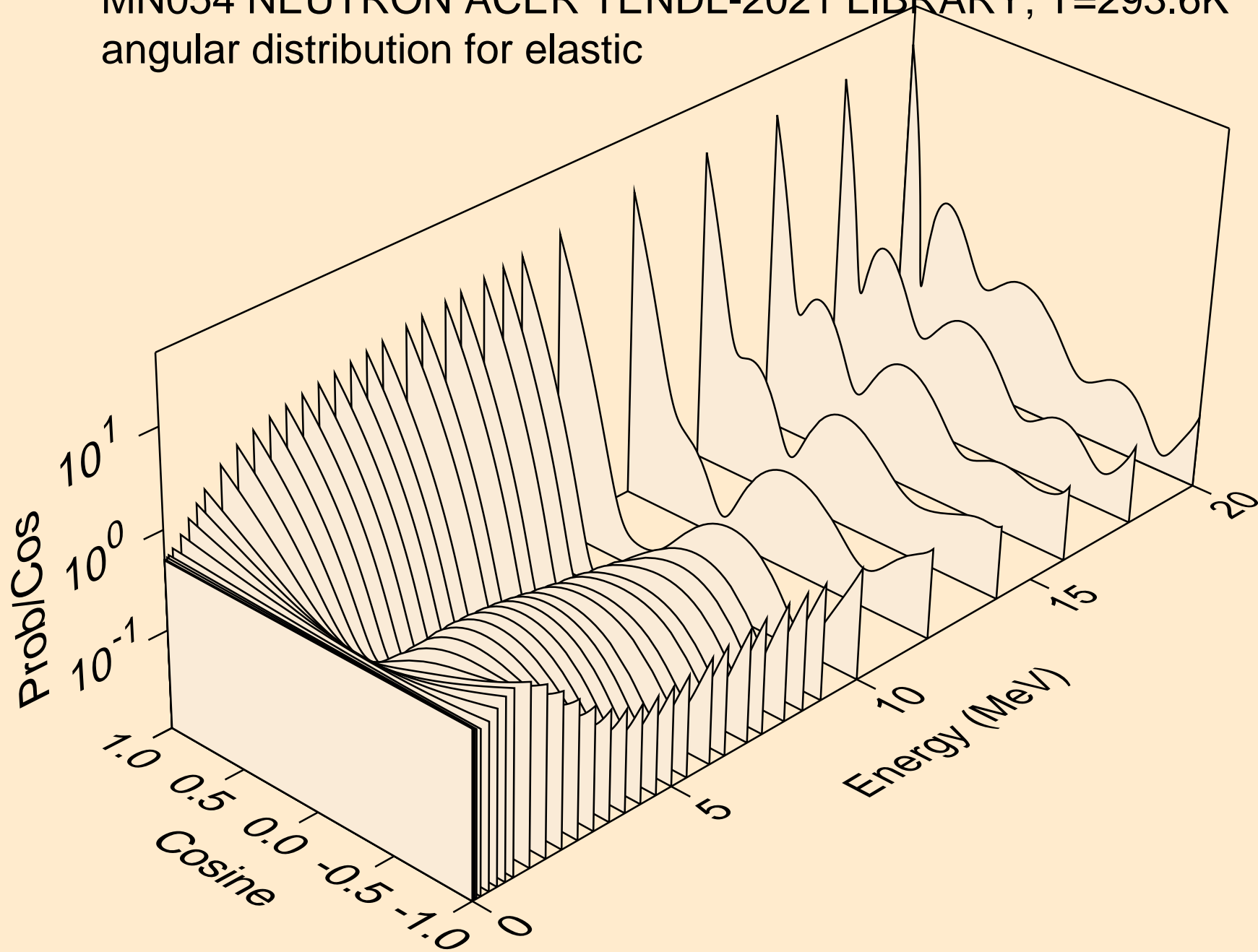


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

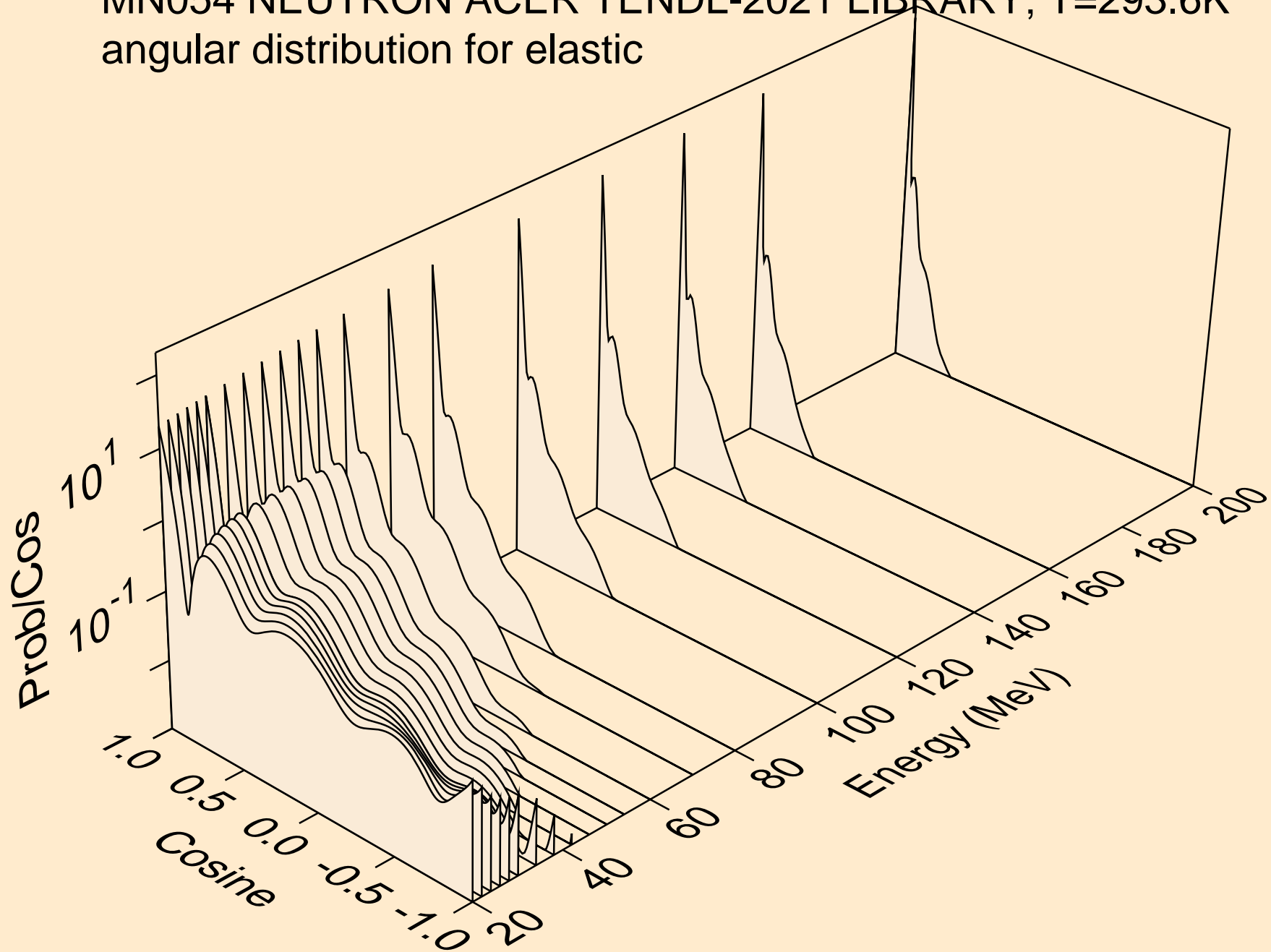




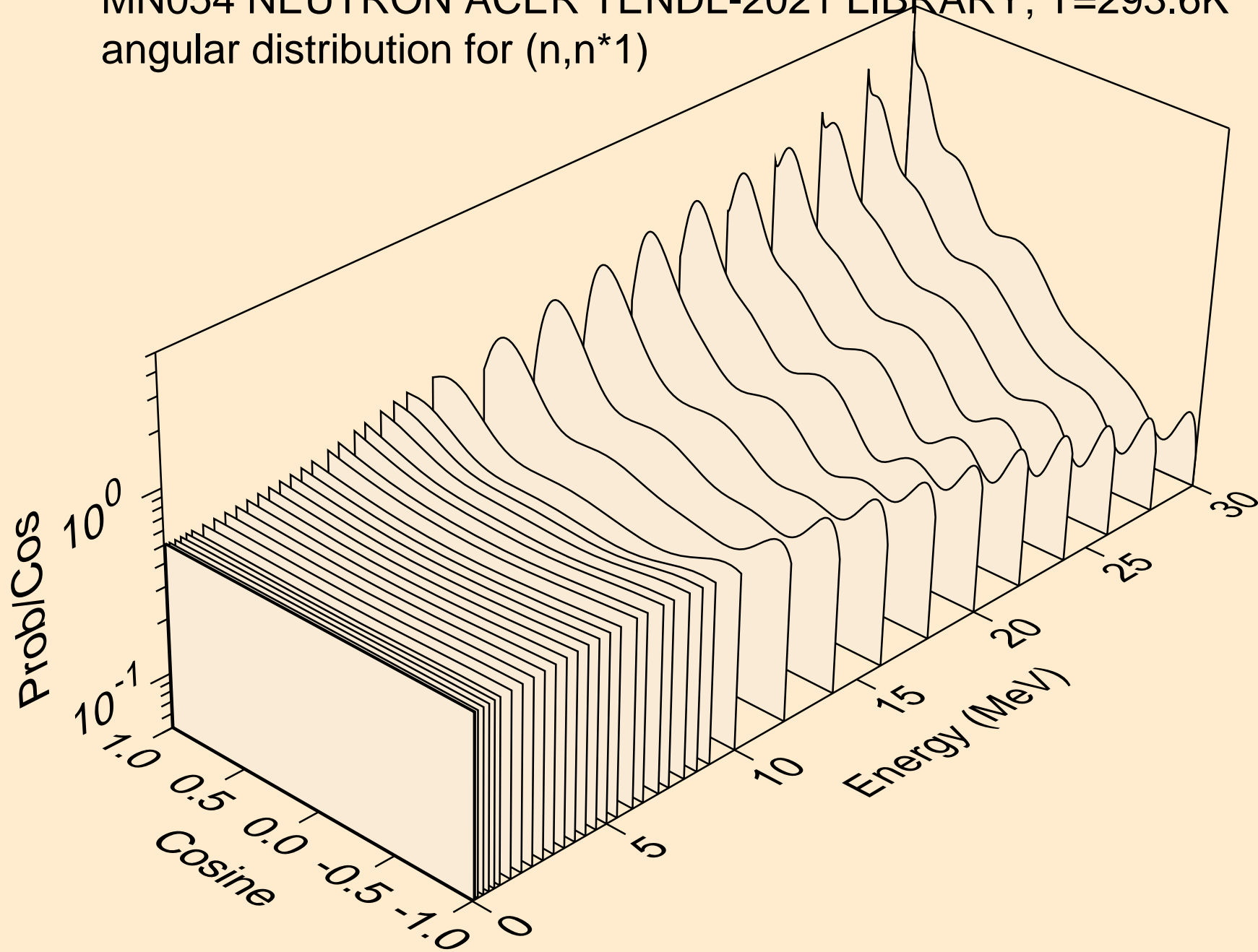
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



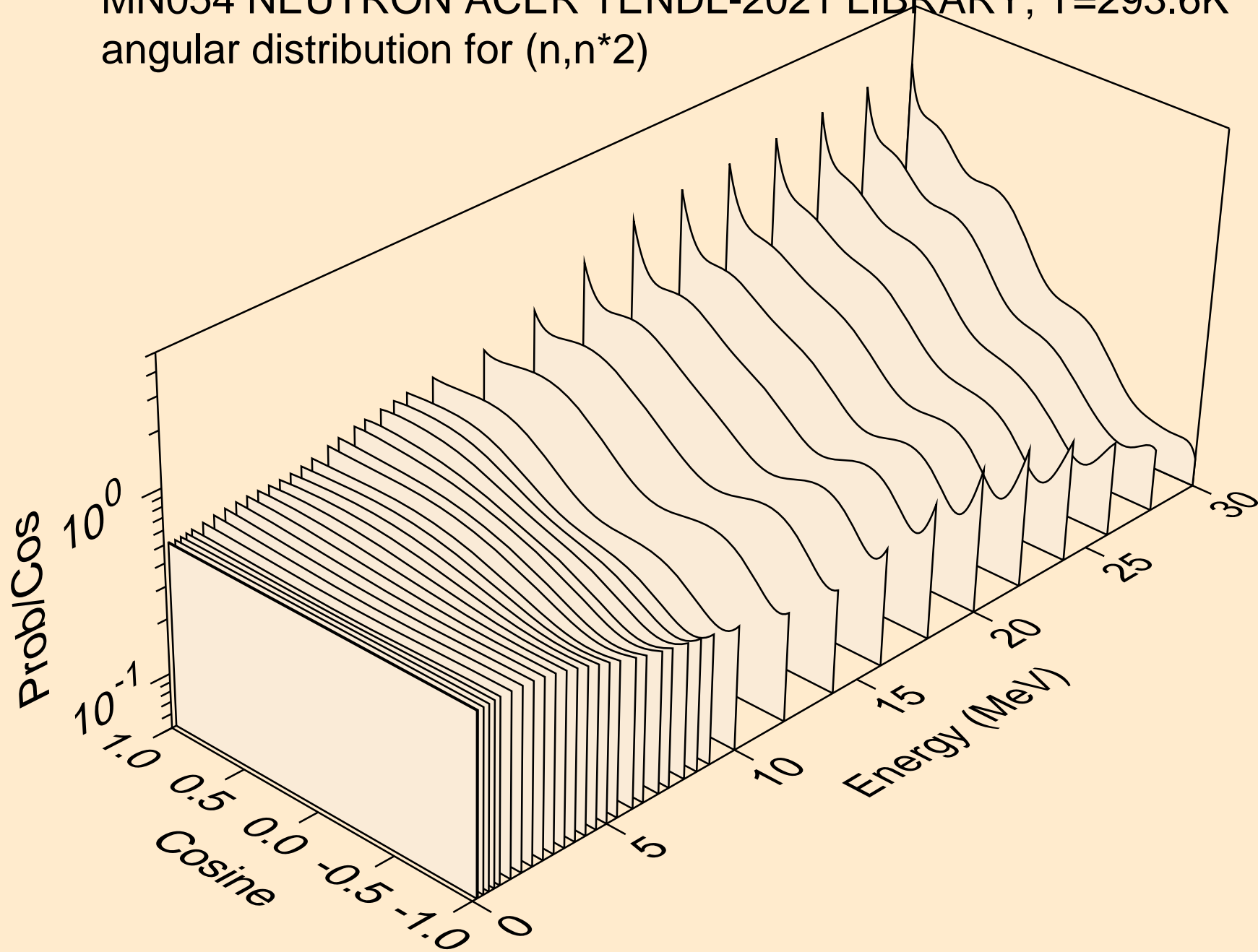
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



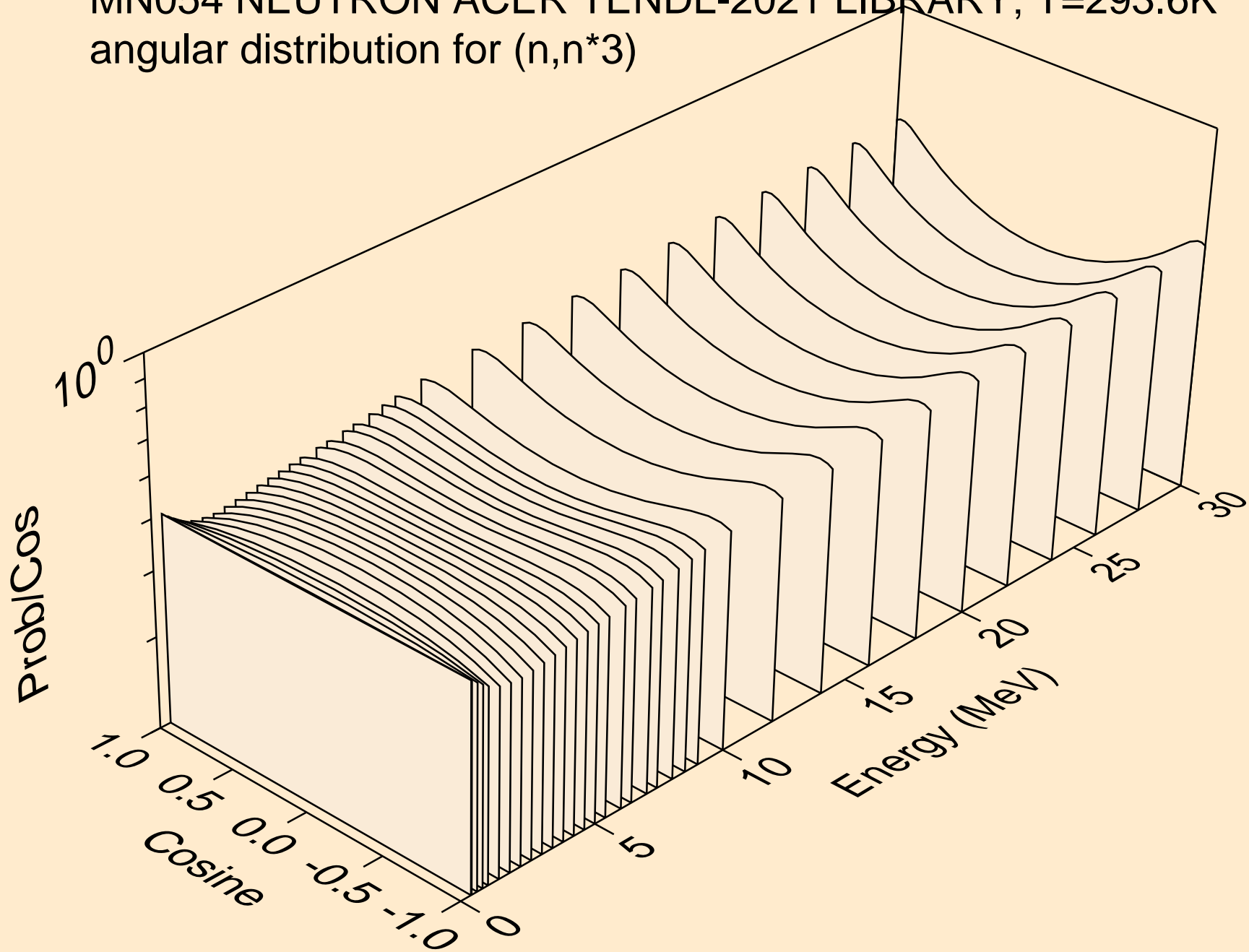
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



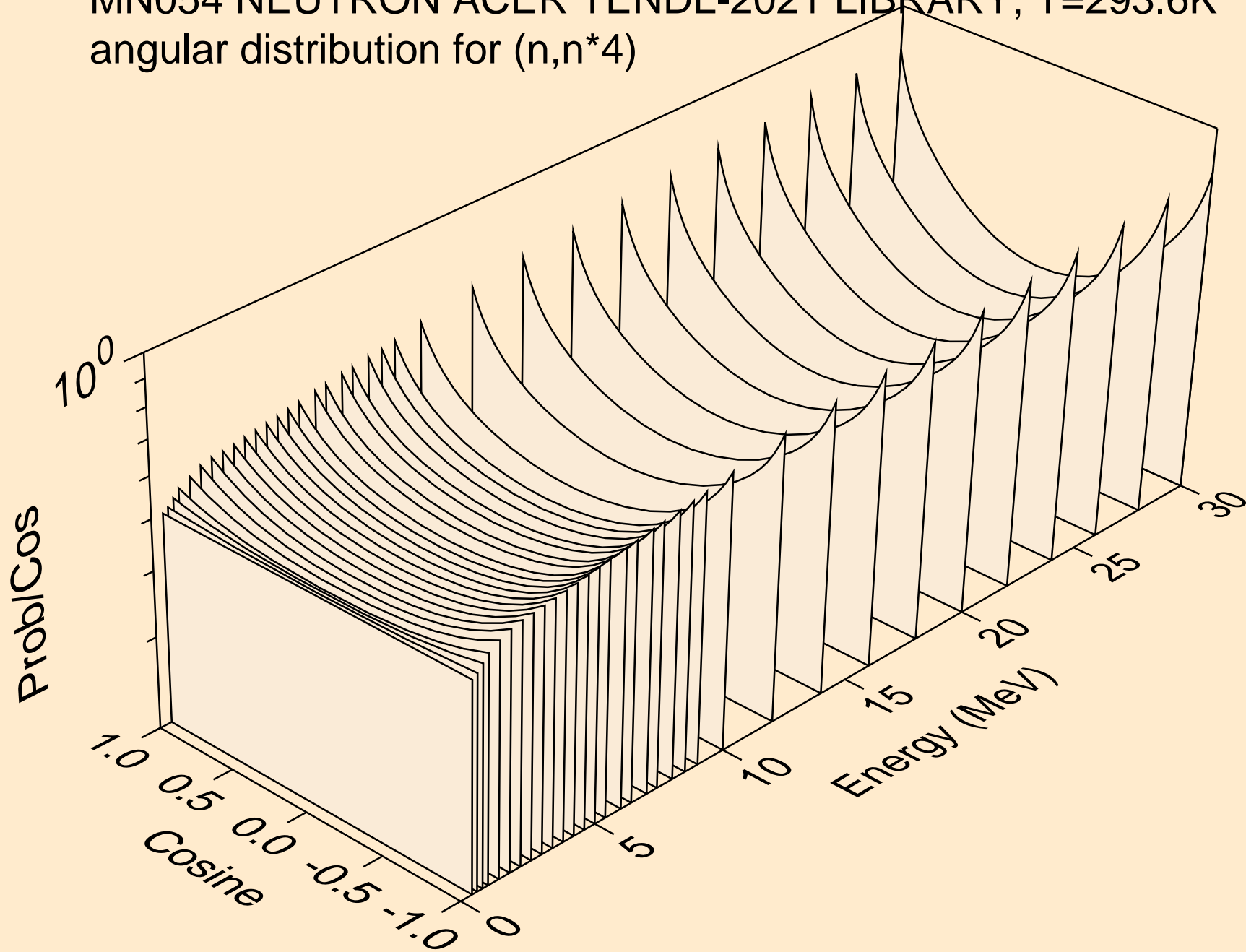
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



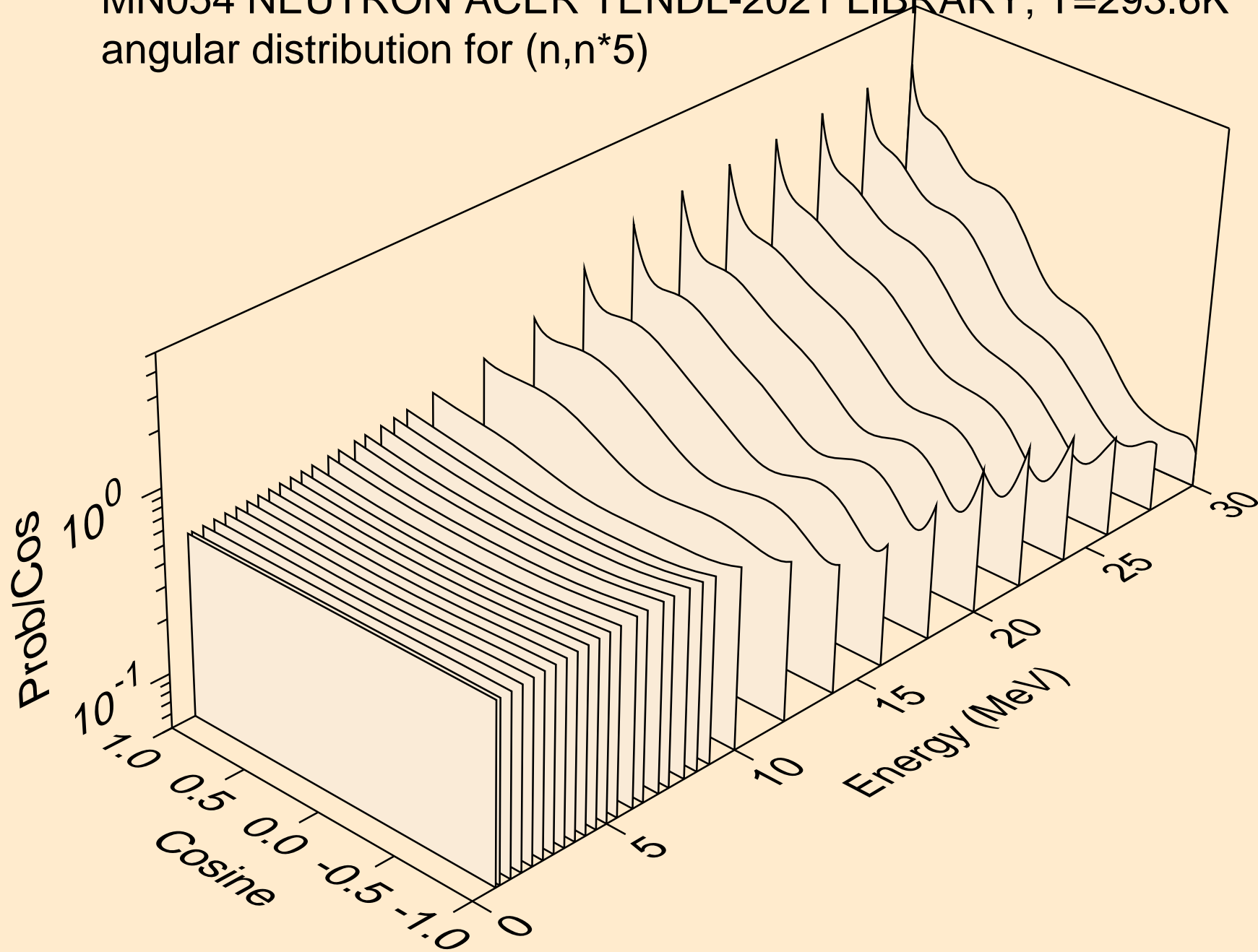
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



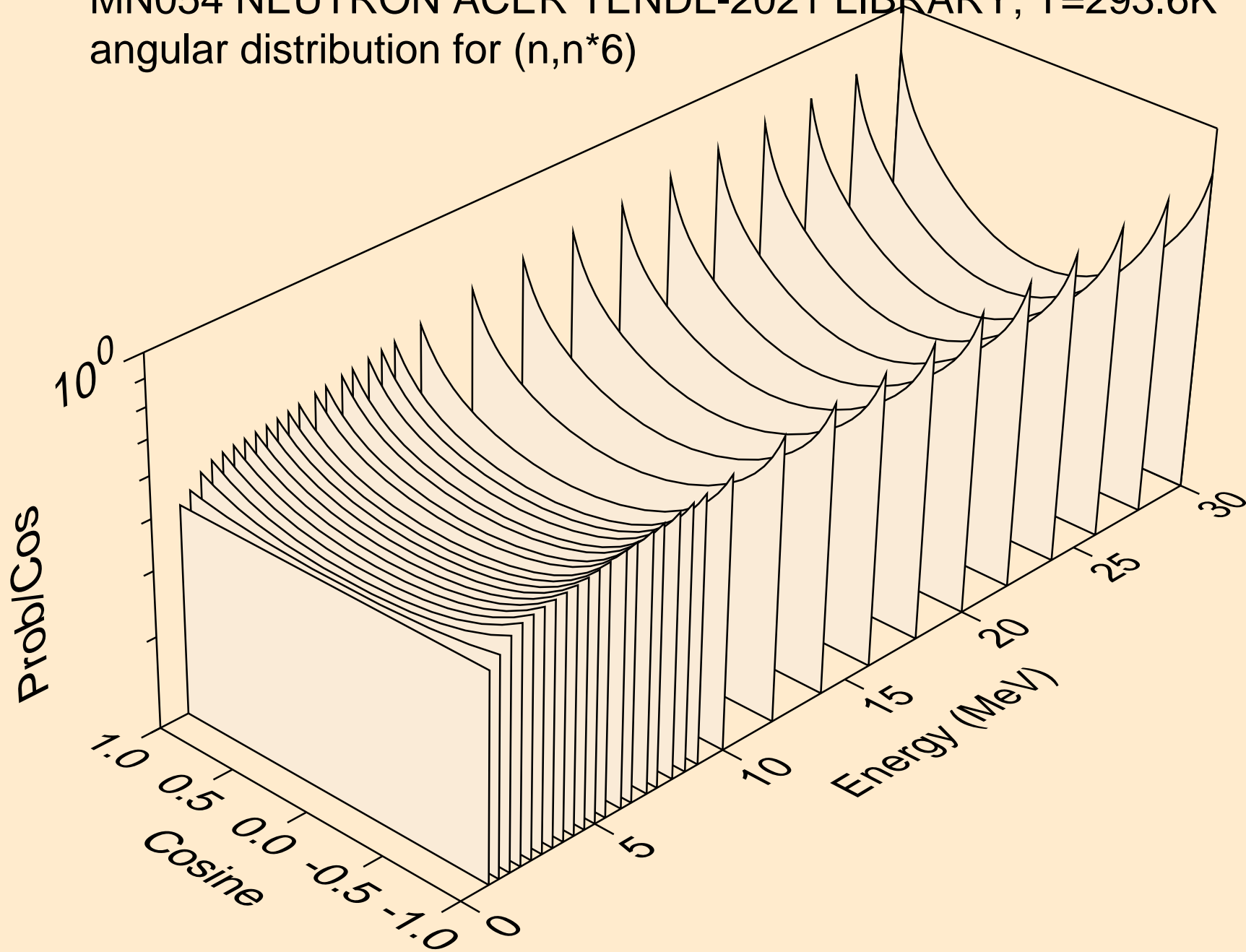
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)

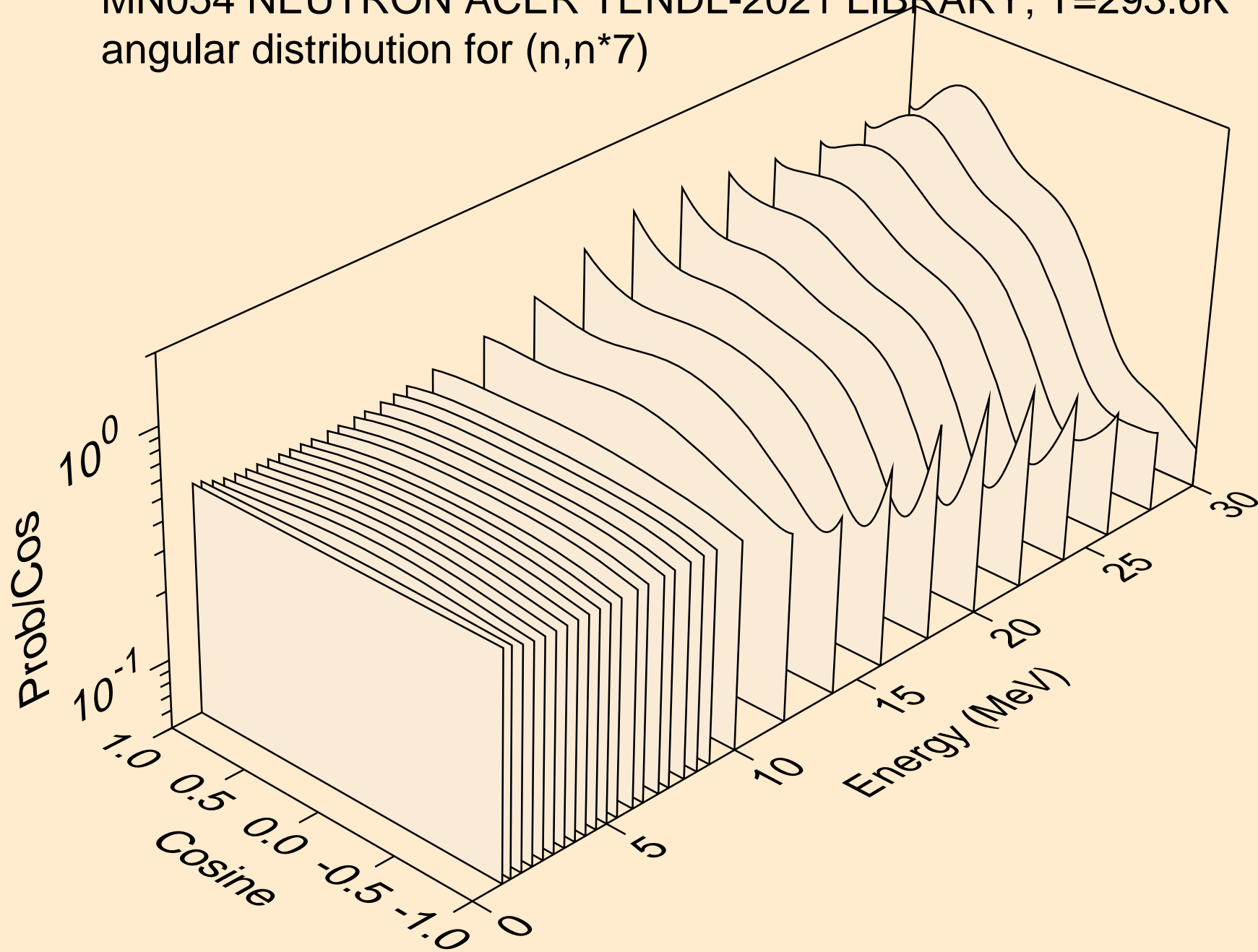


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)

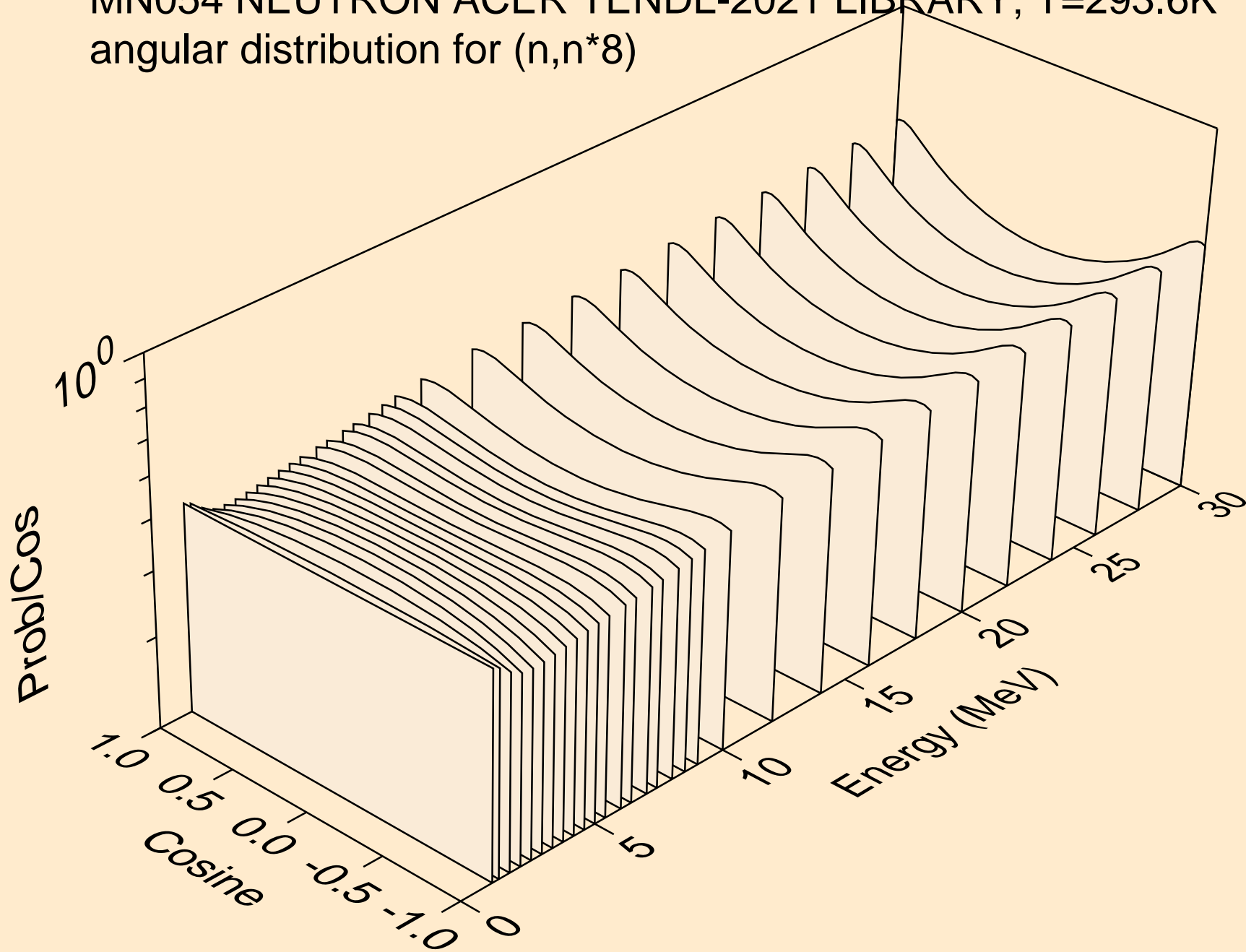




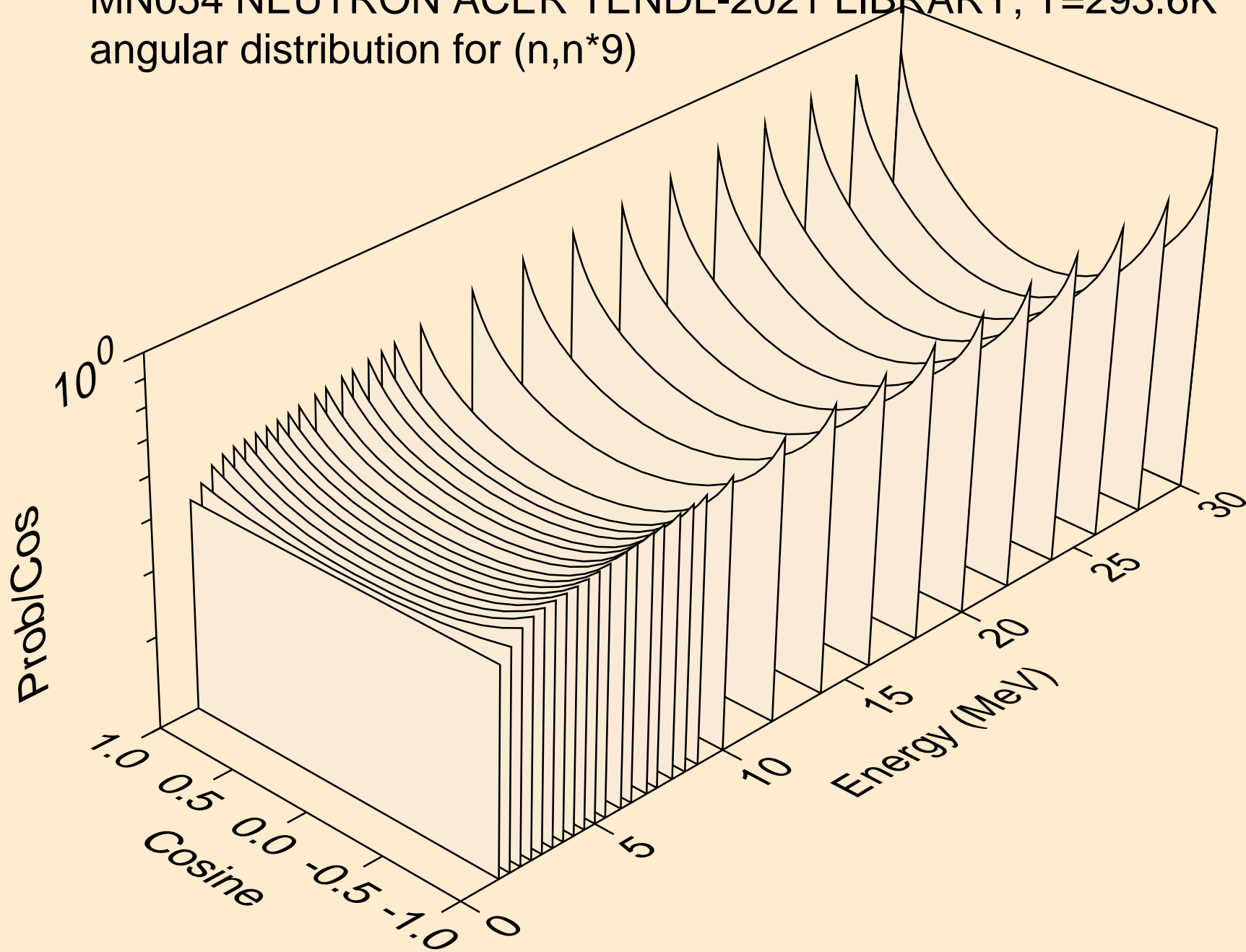
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



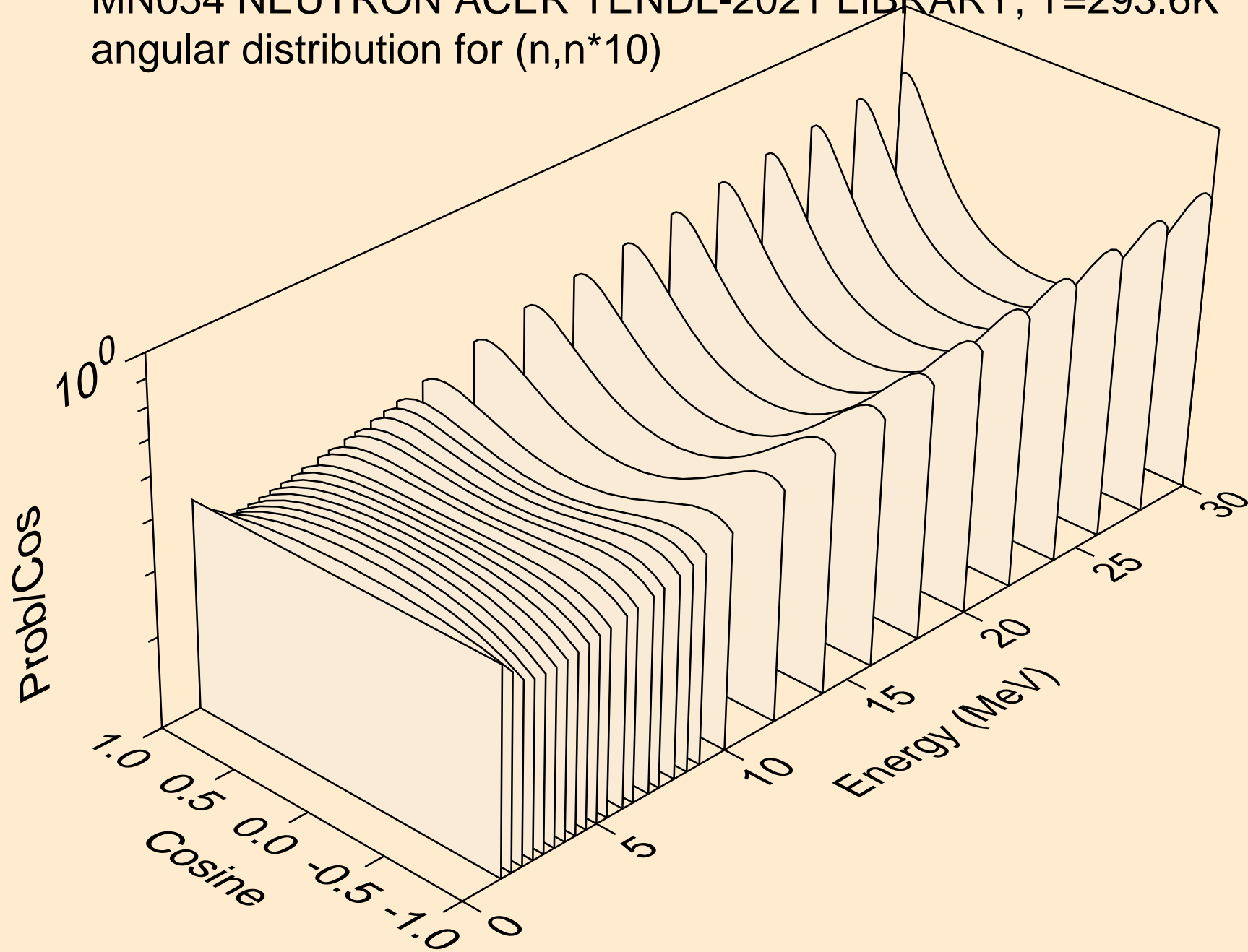
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



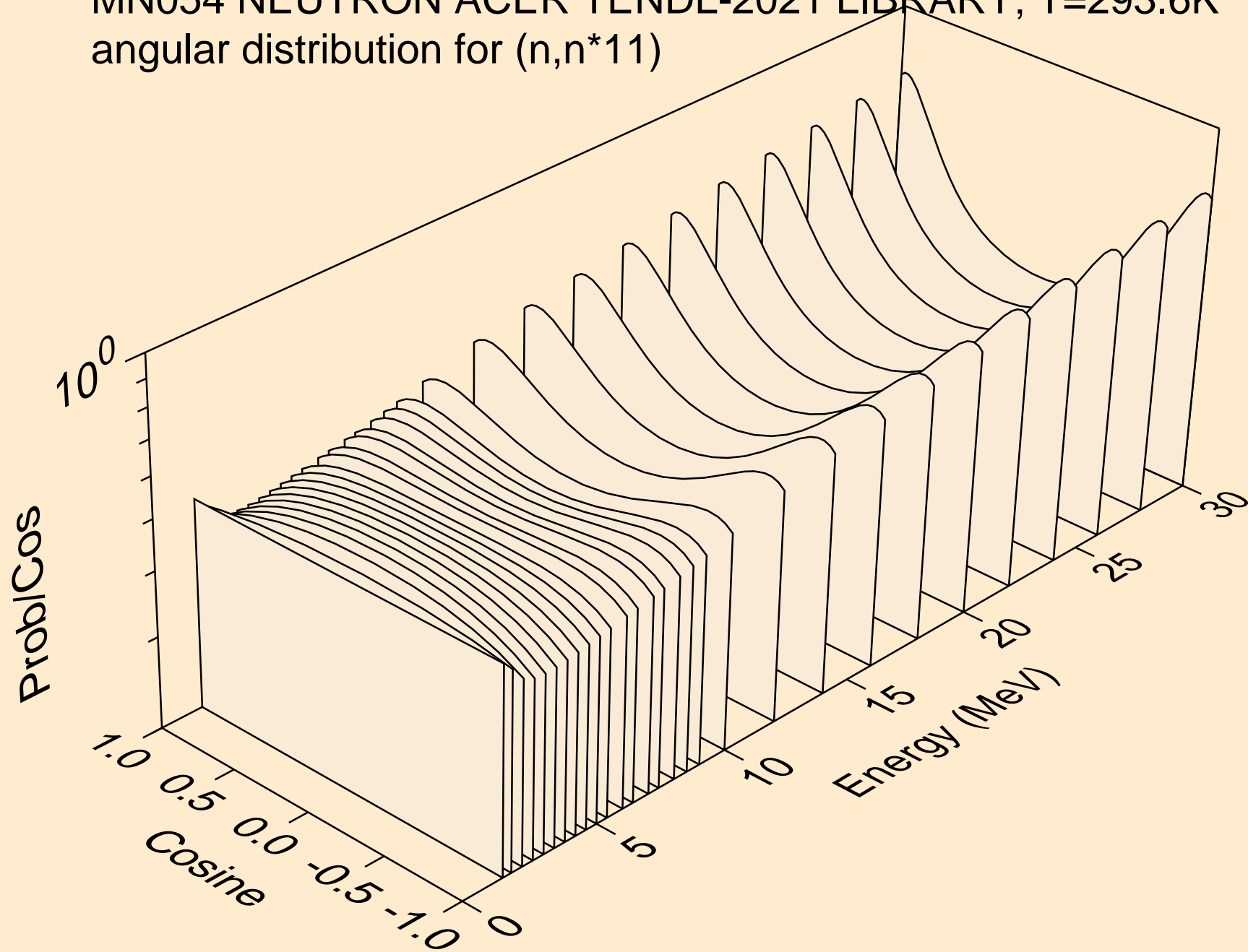
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



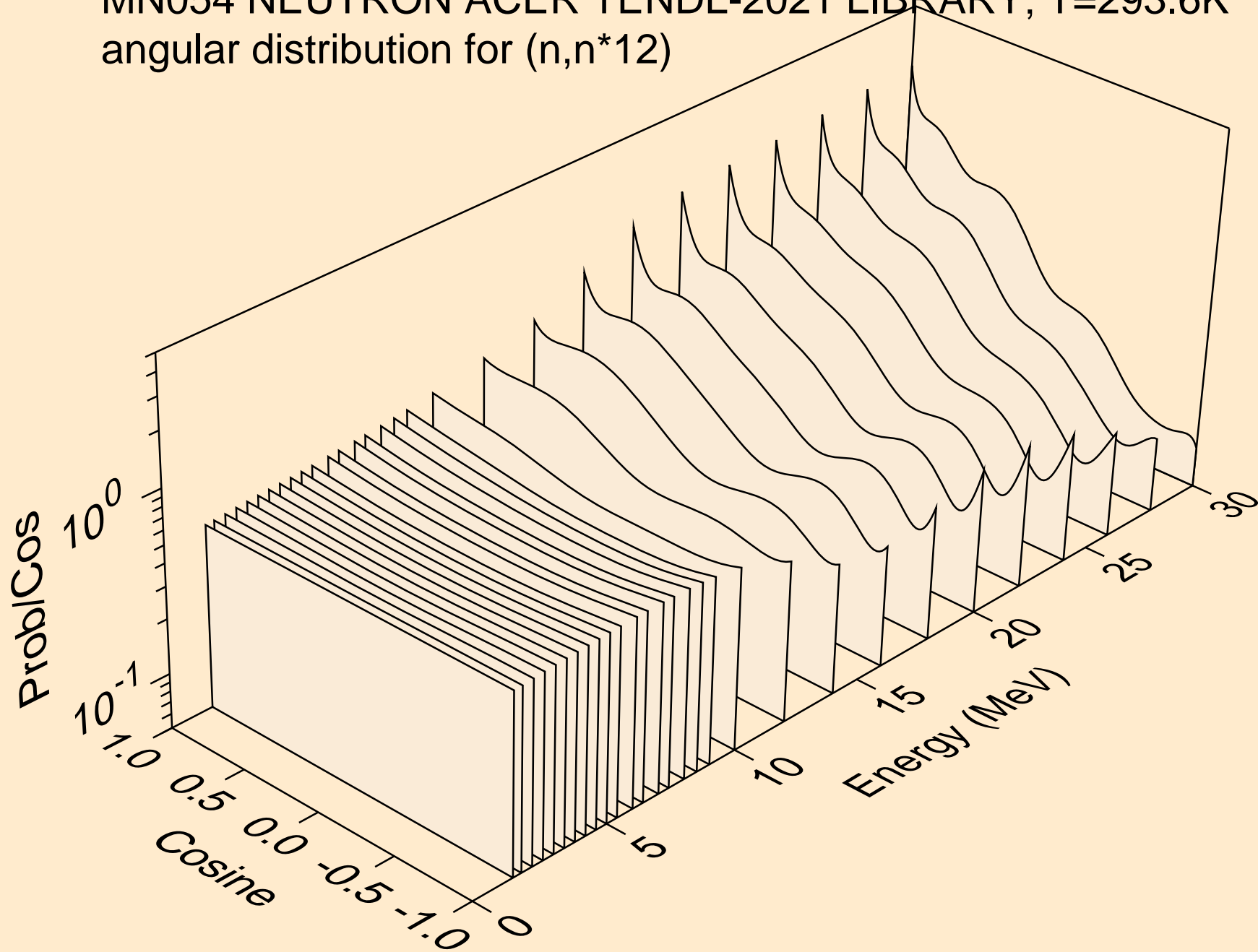
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



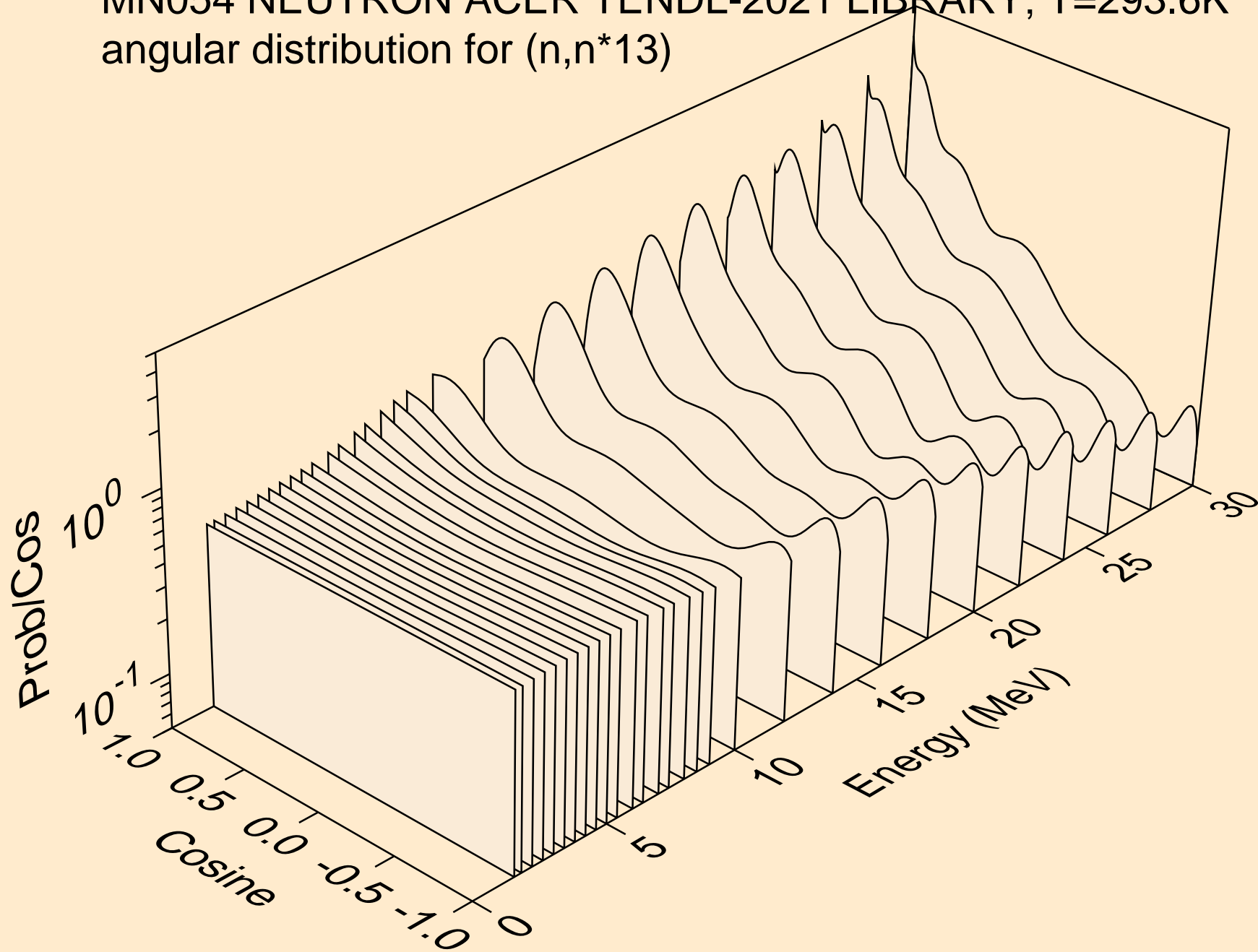
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



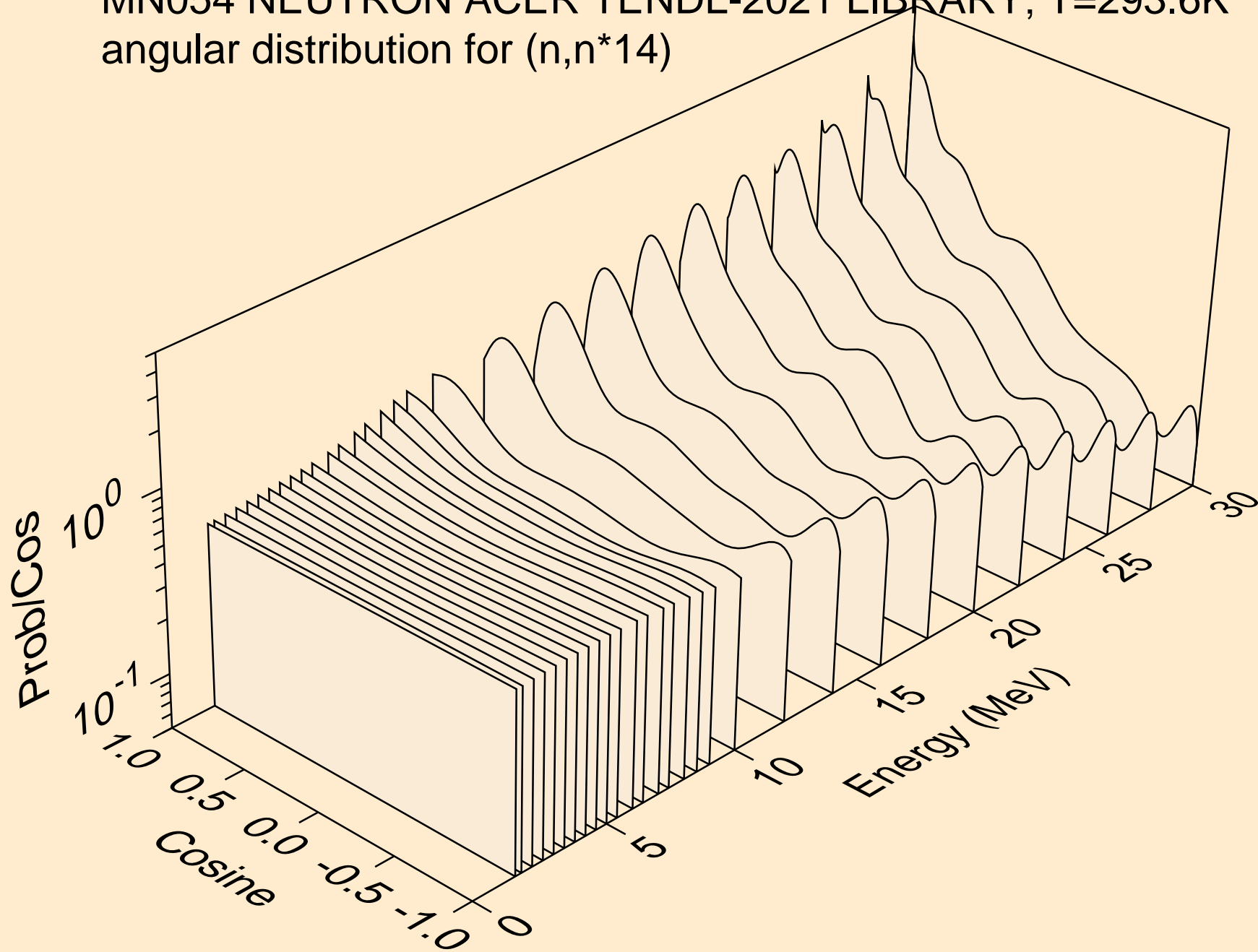
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)

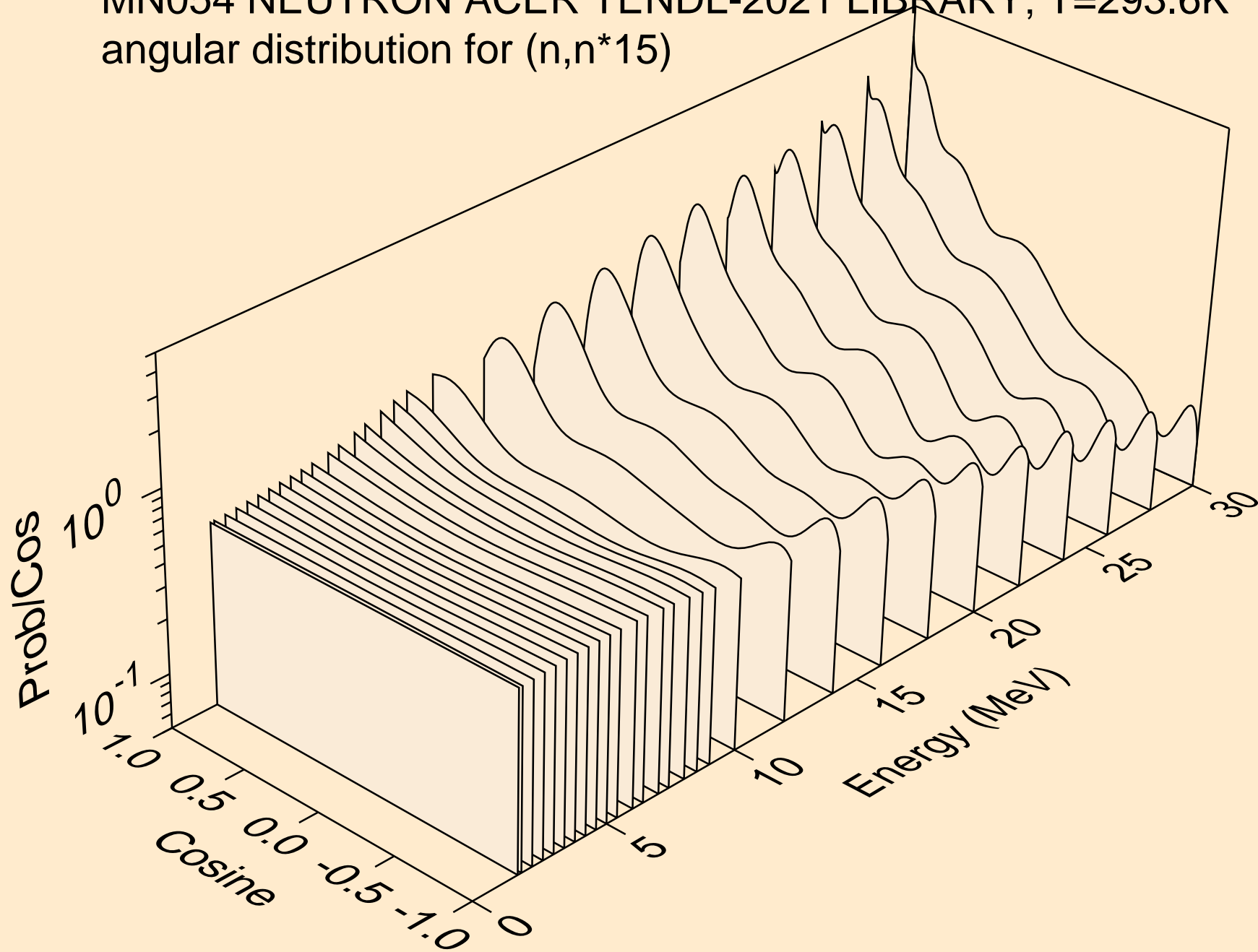


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)

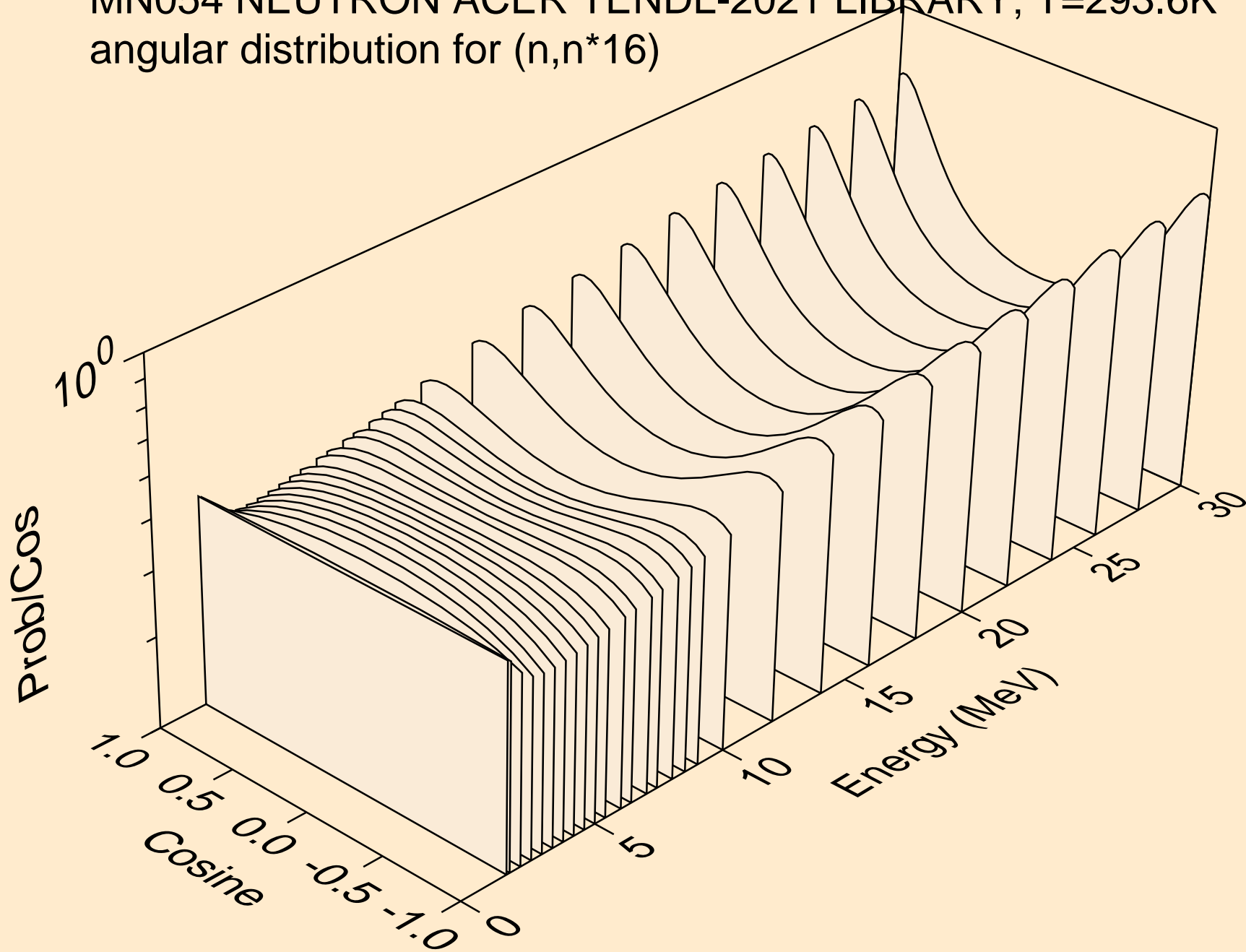




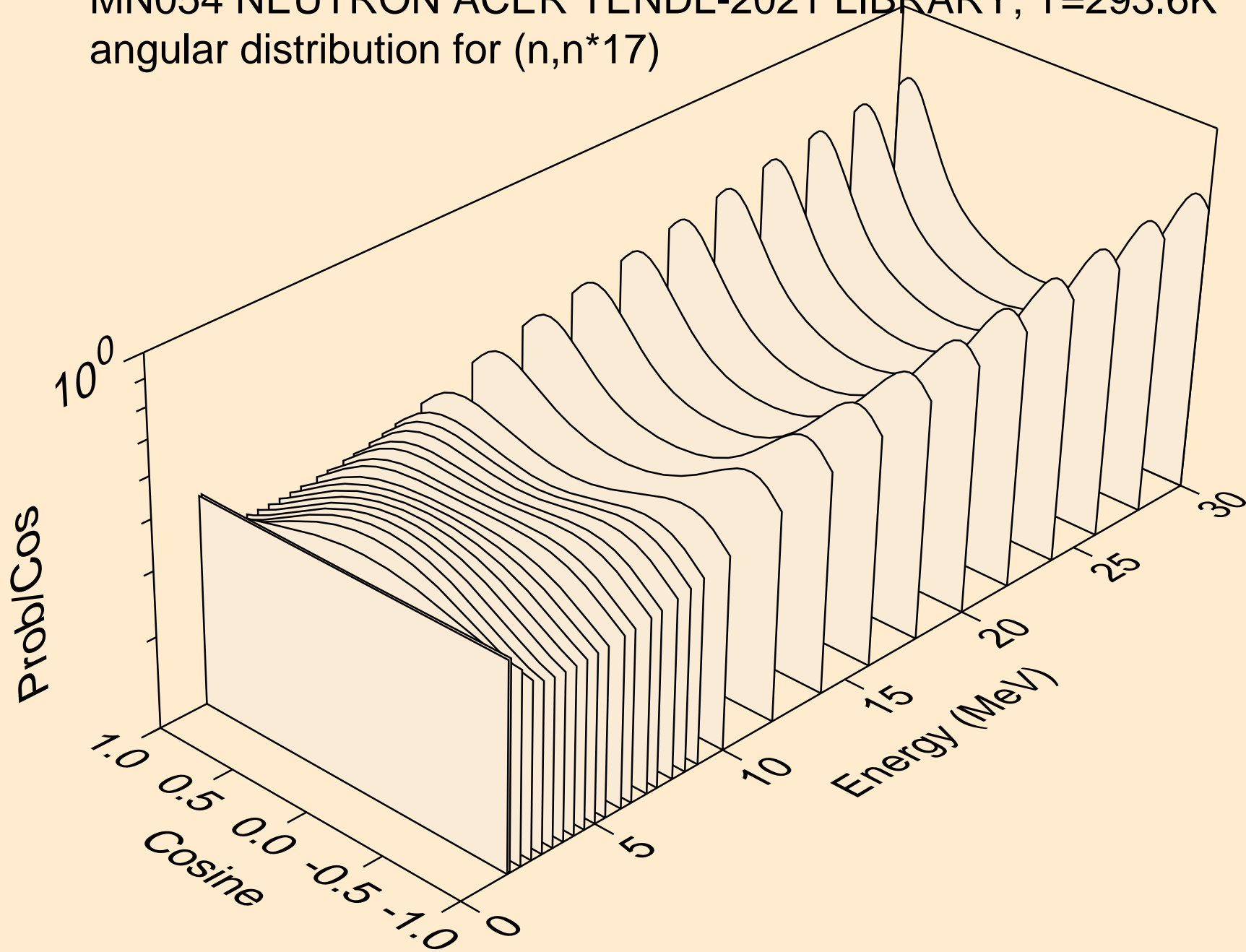
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



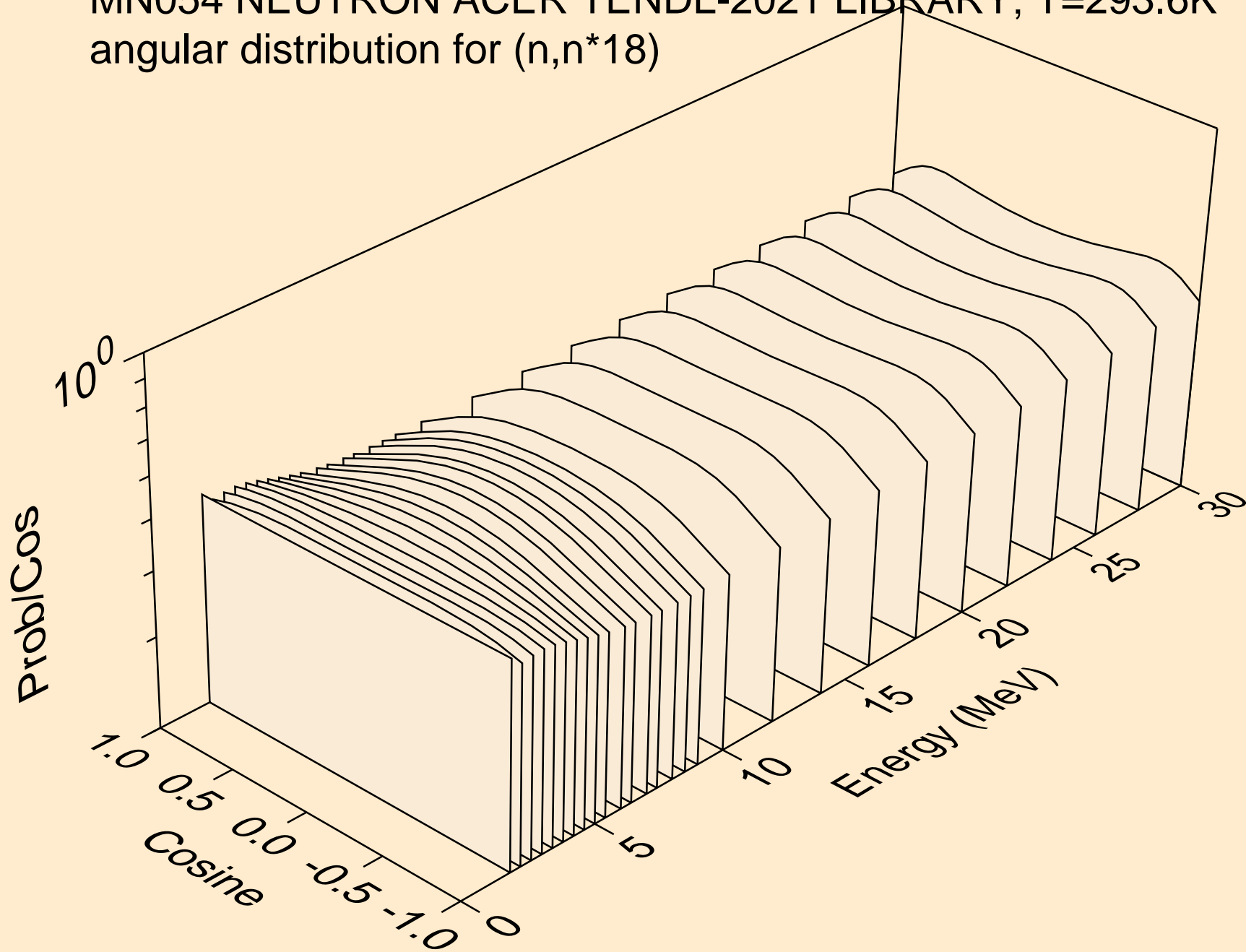
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



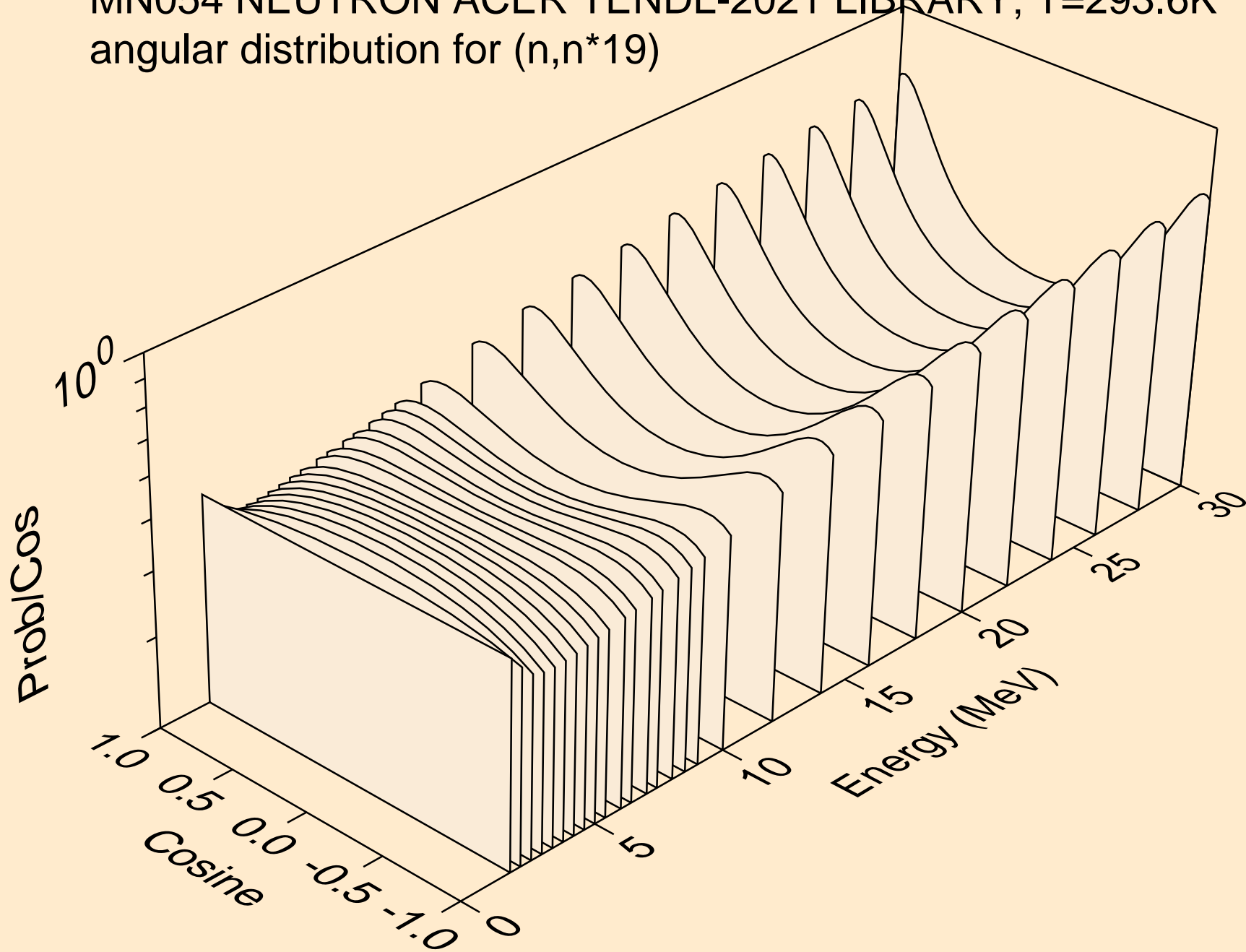
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



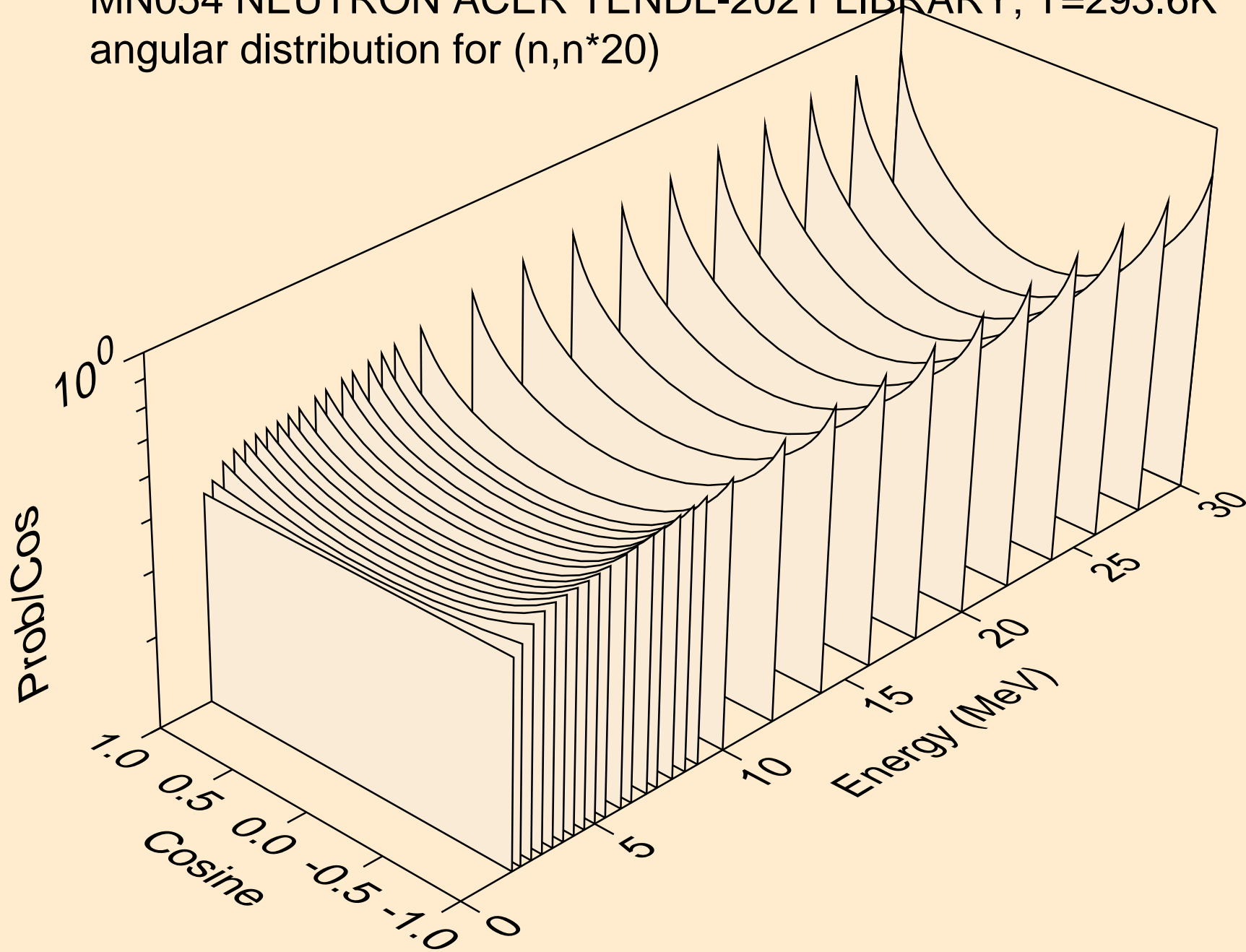
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



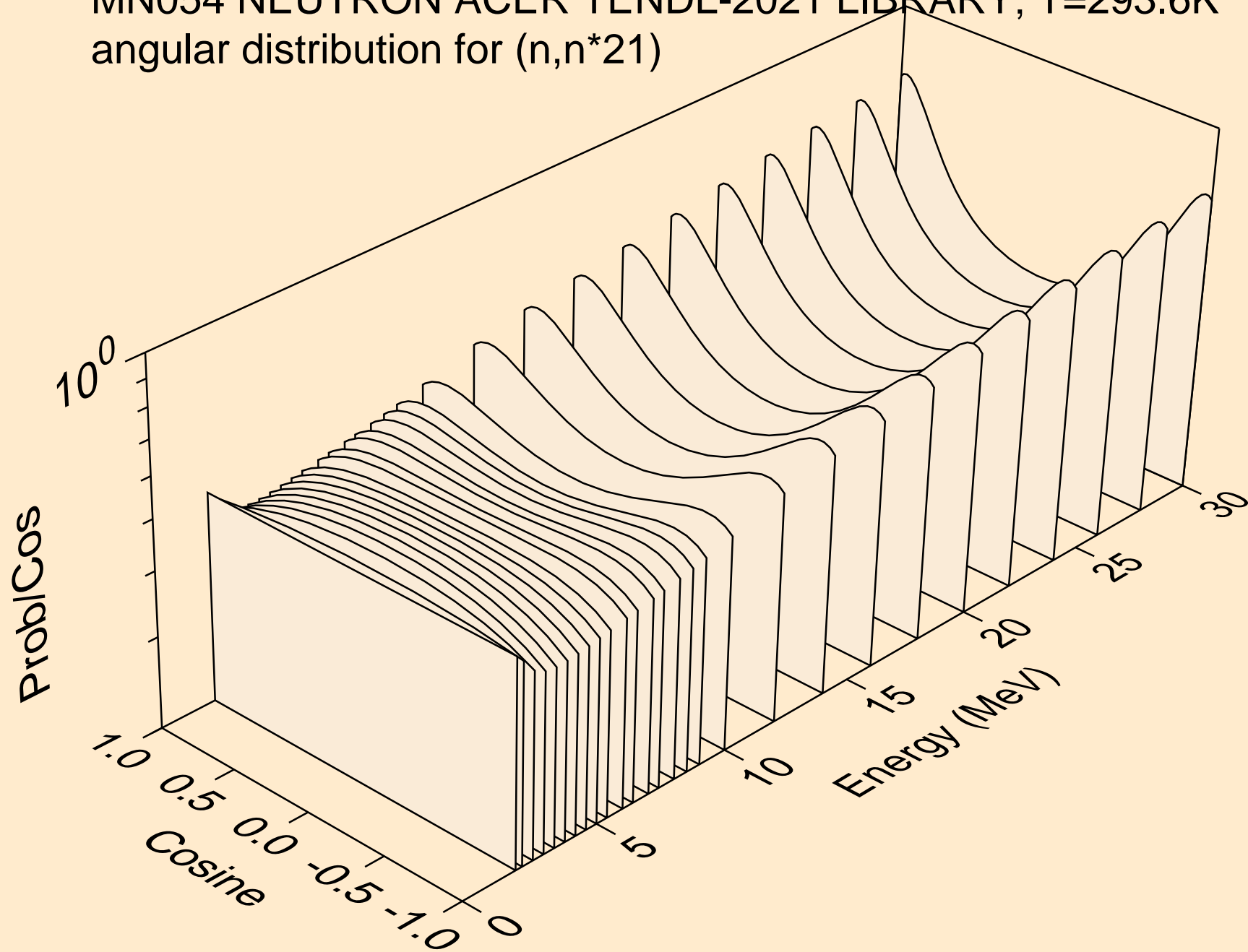
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



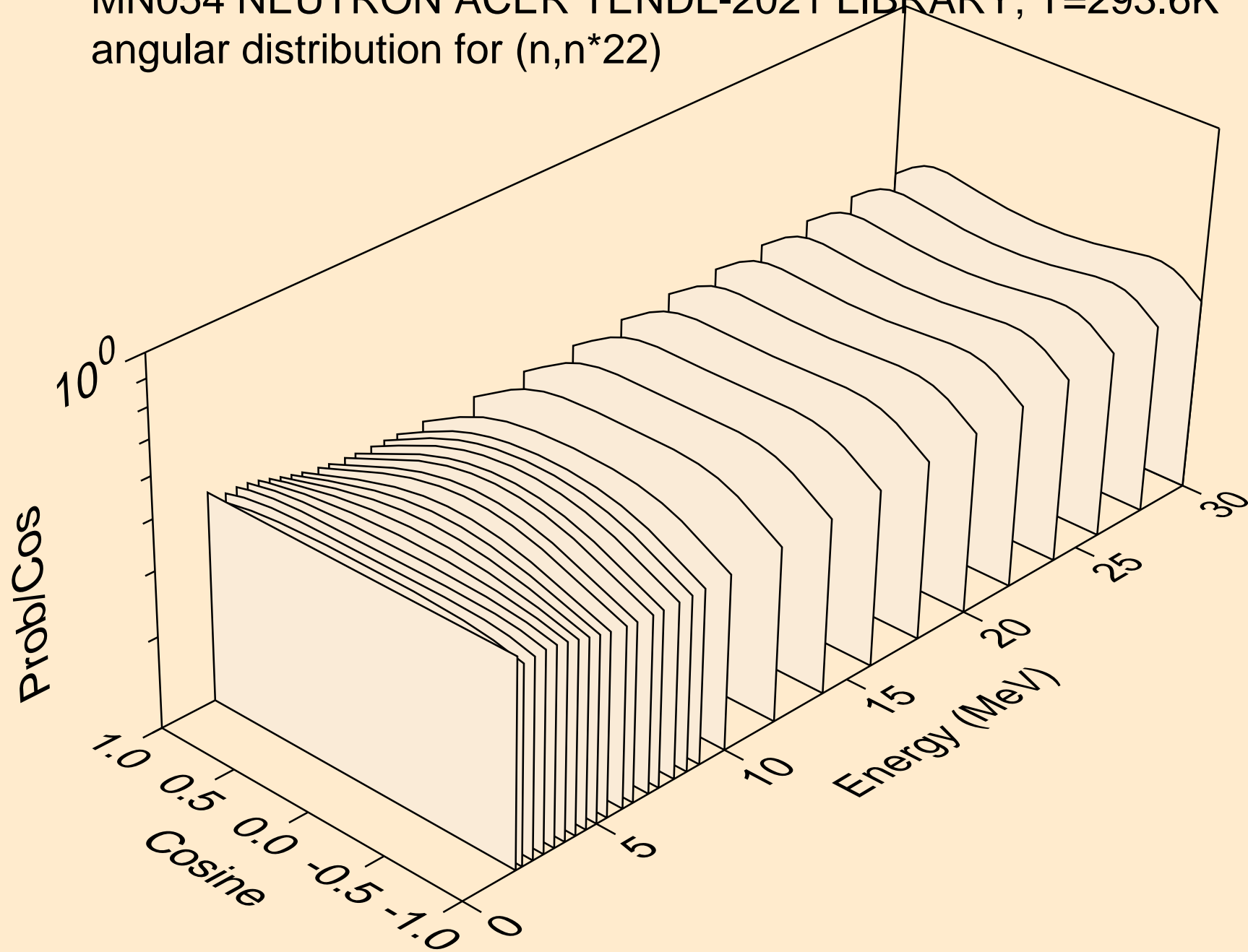
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)

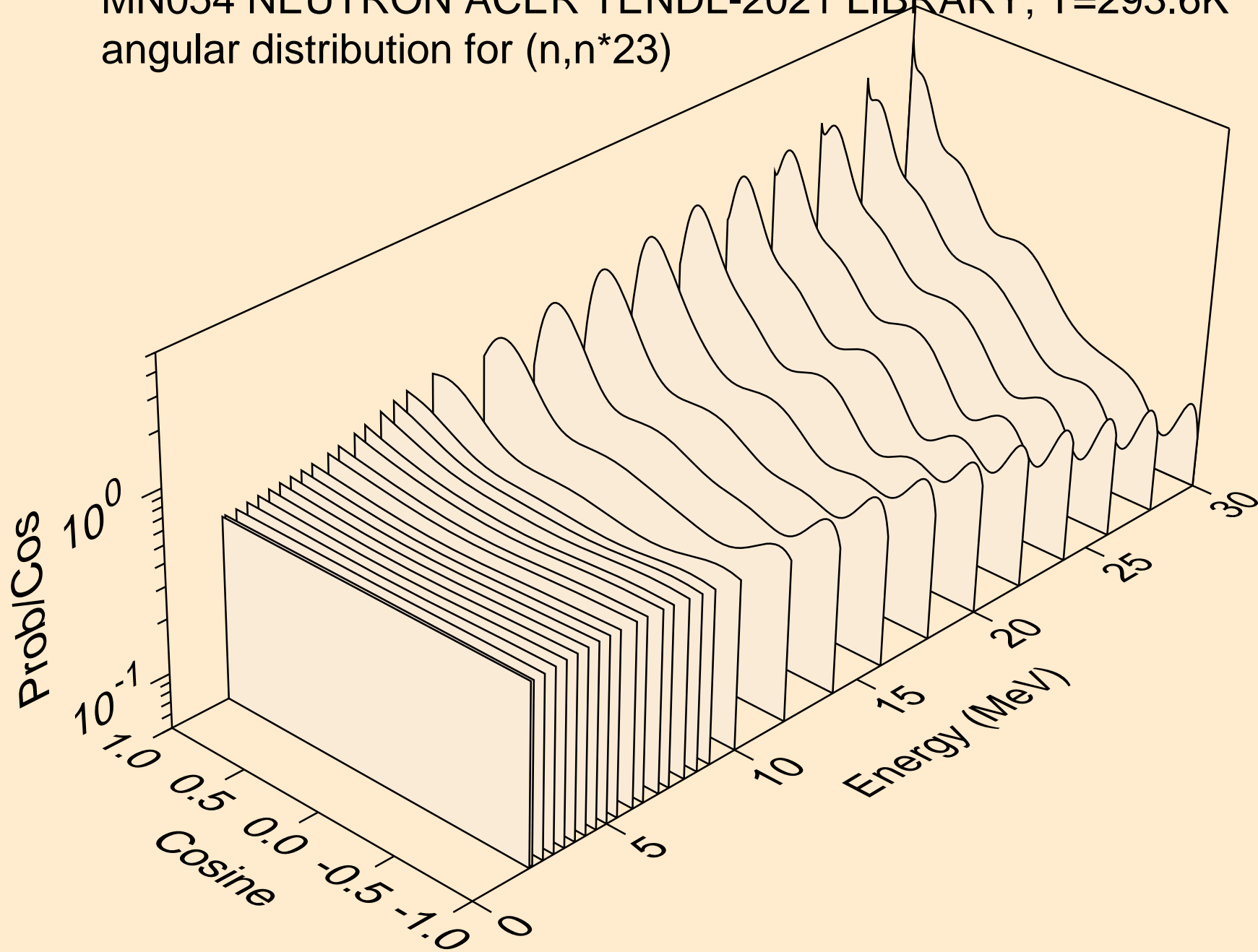


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)

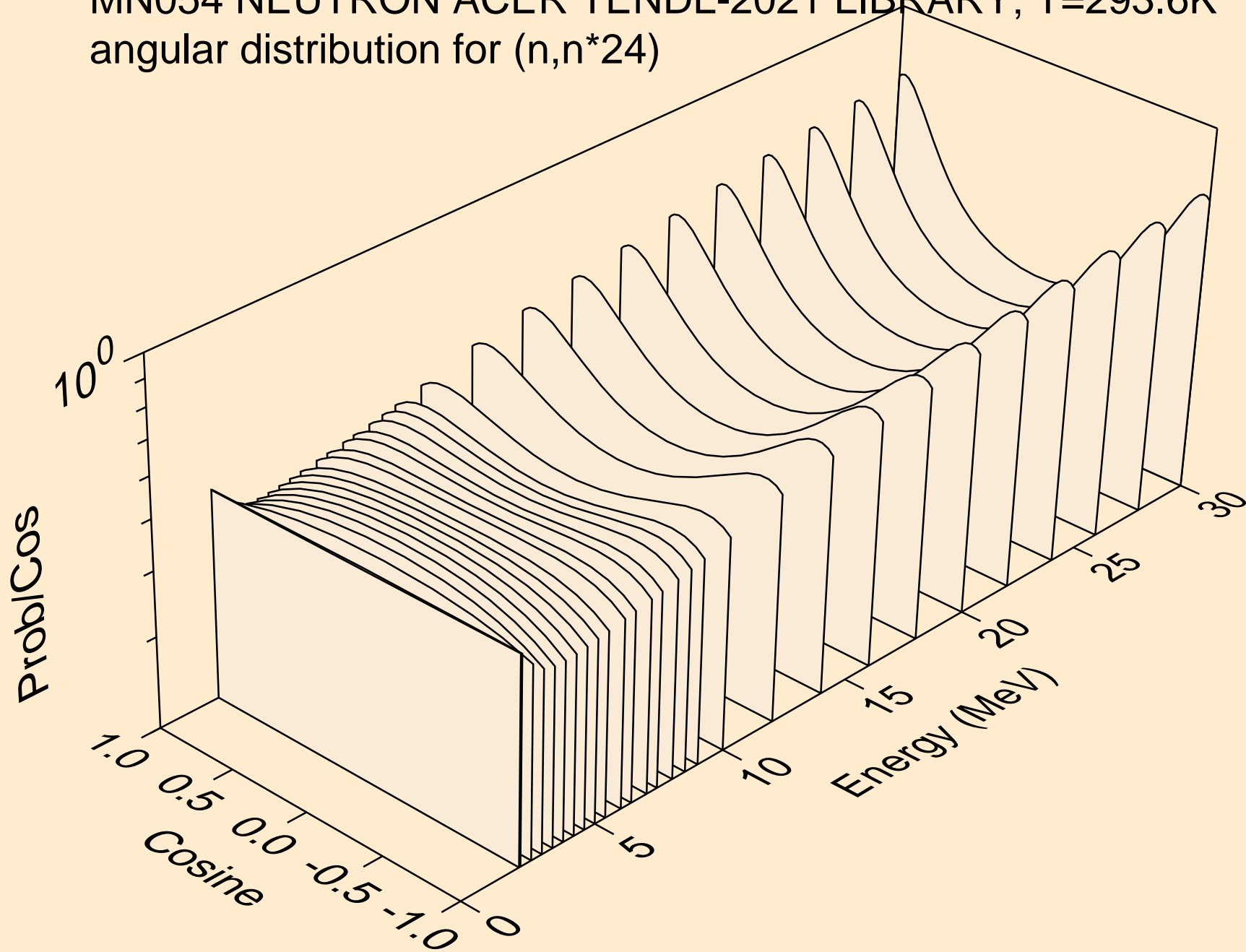




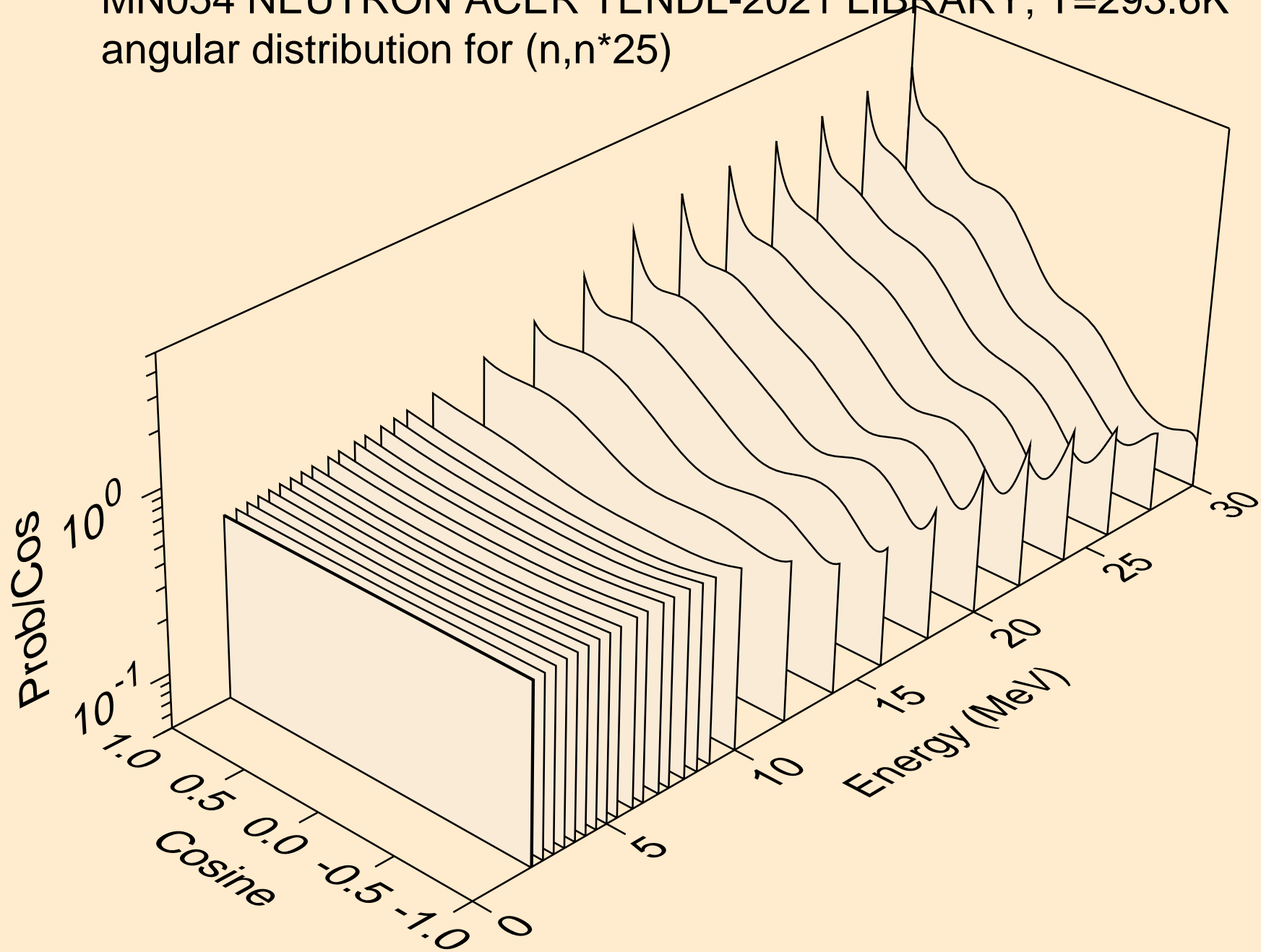
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



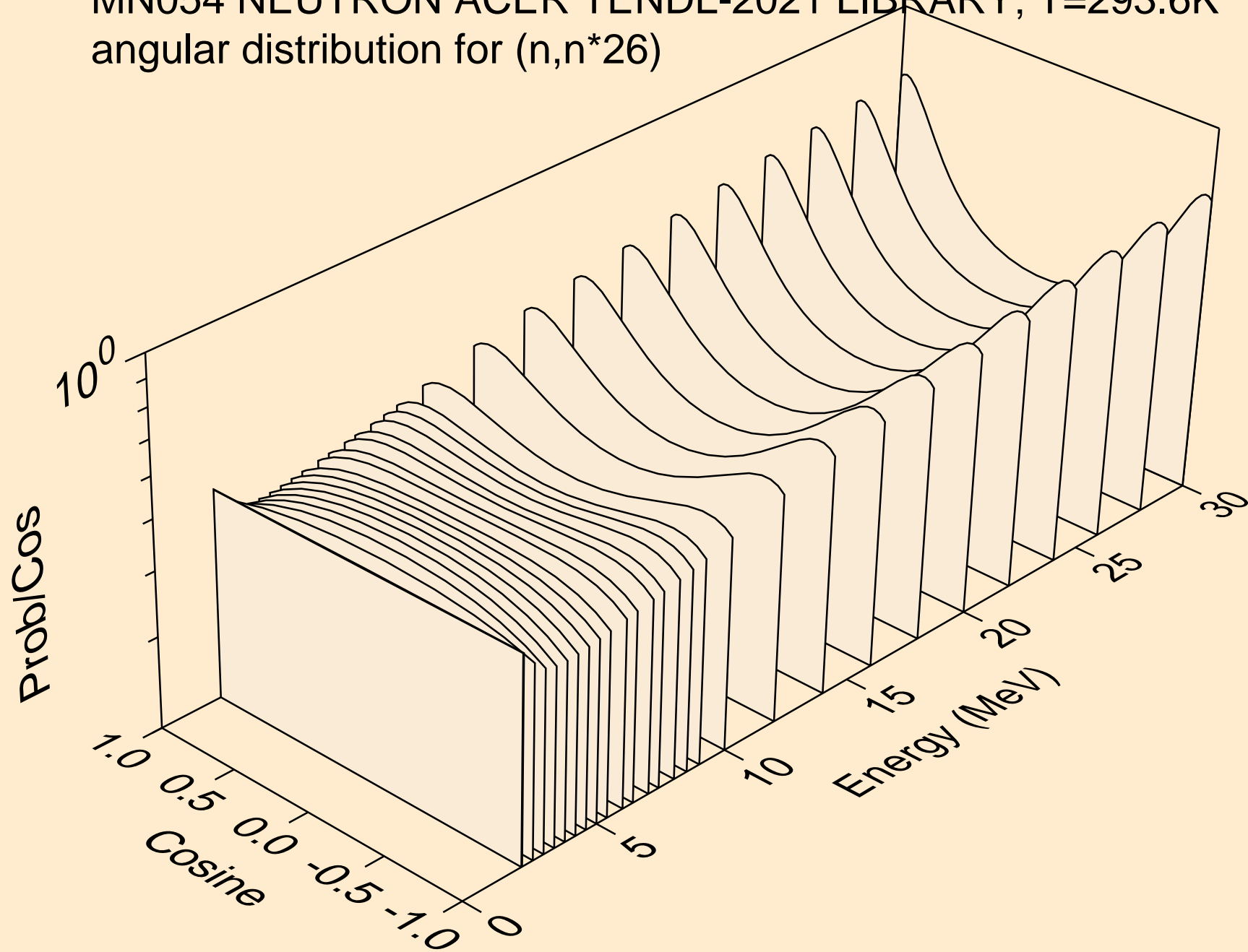
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



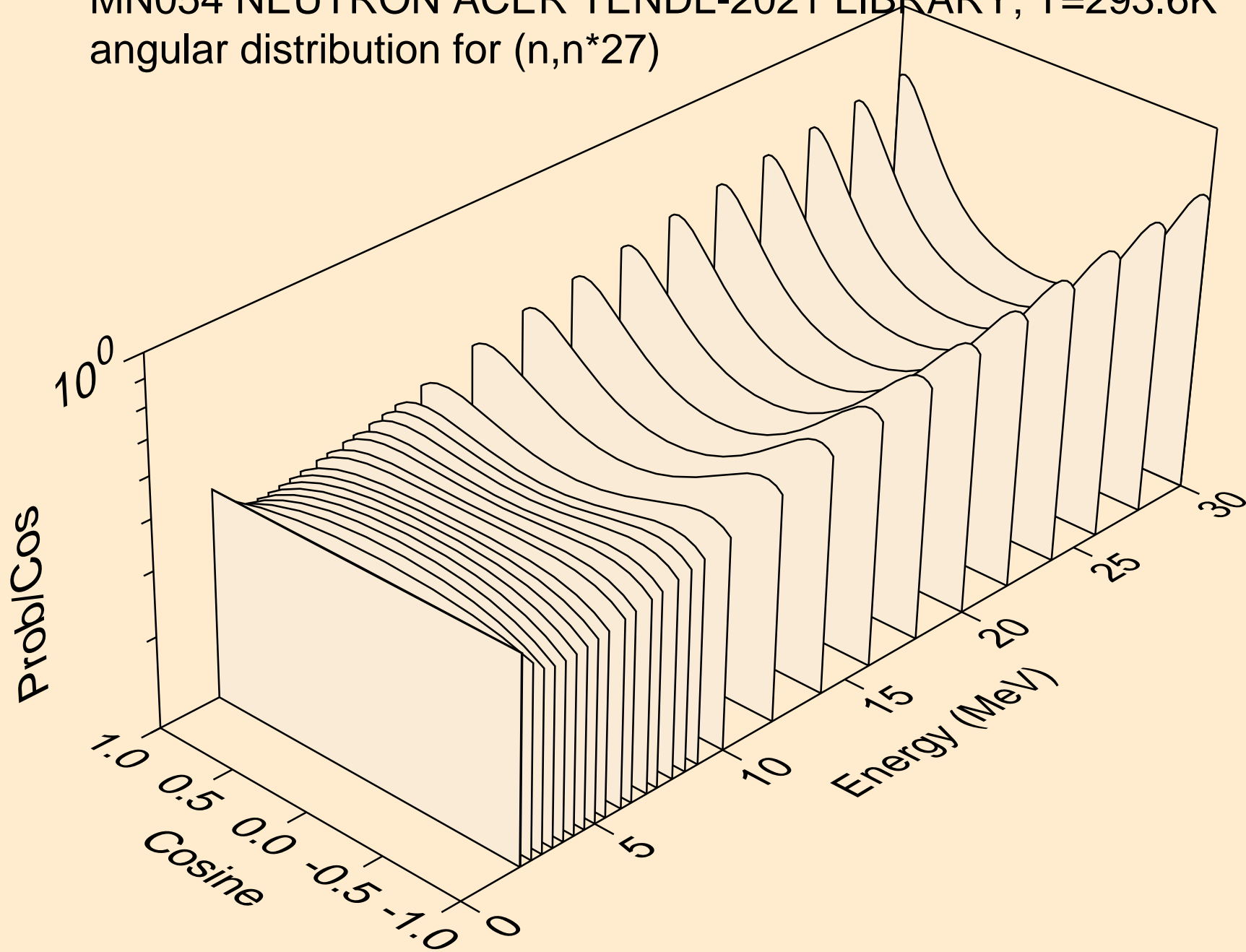
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



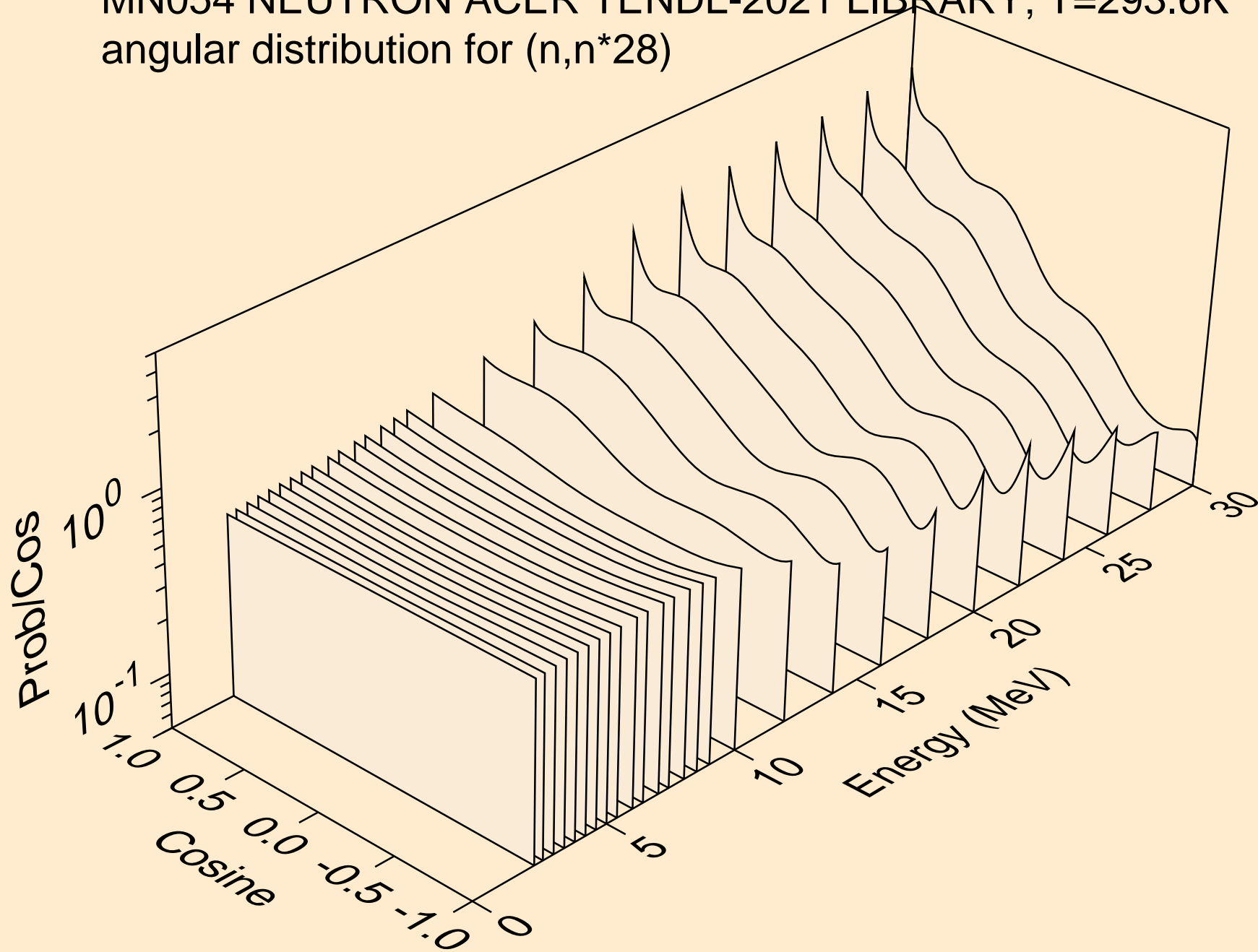
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



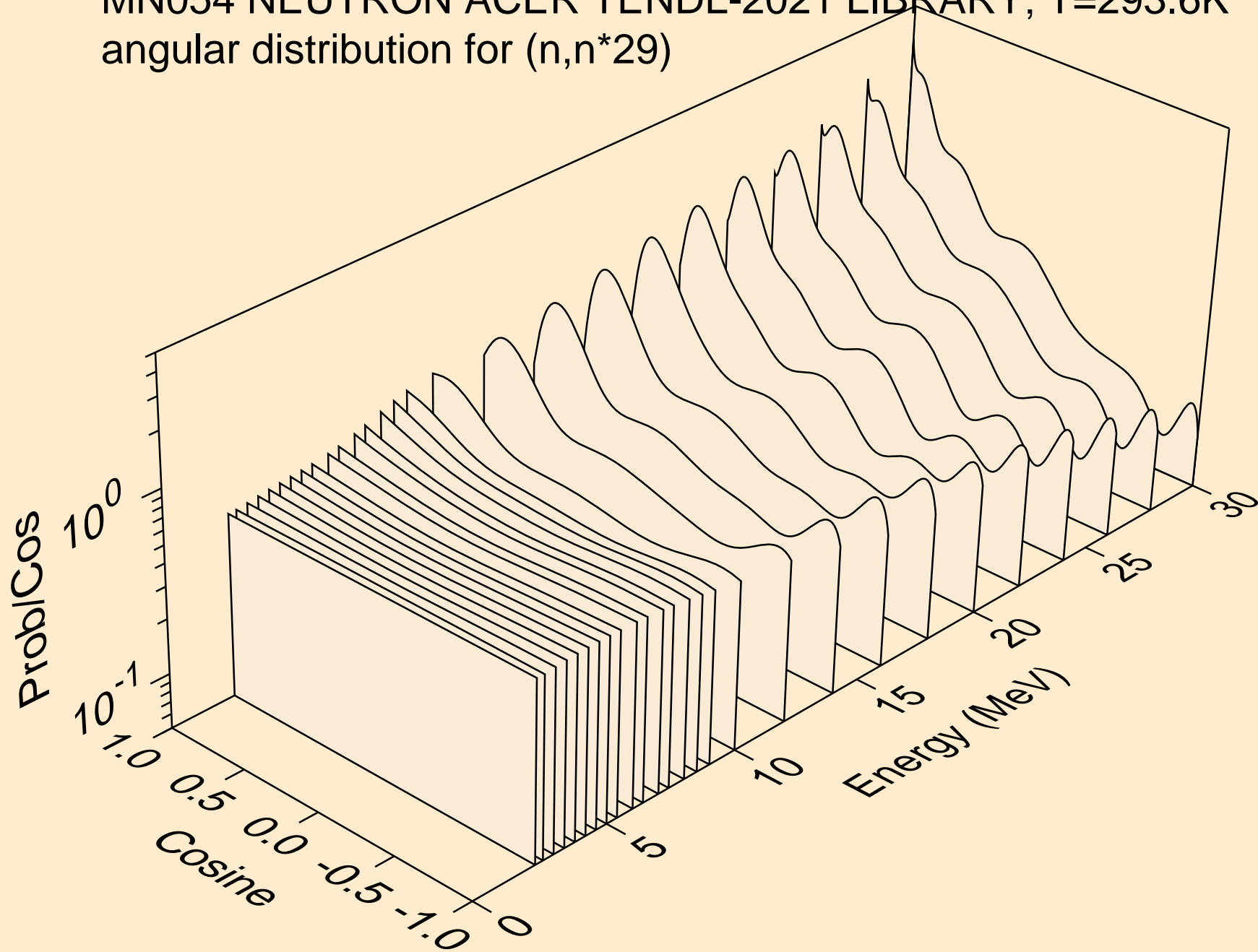
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



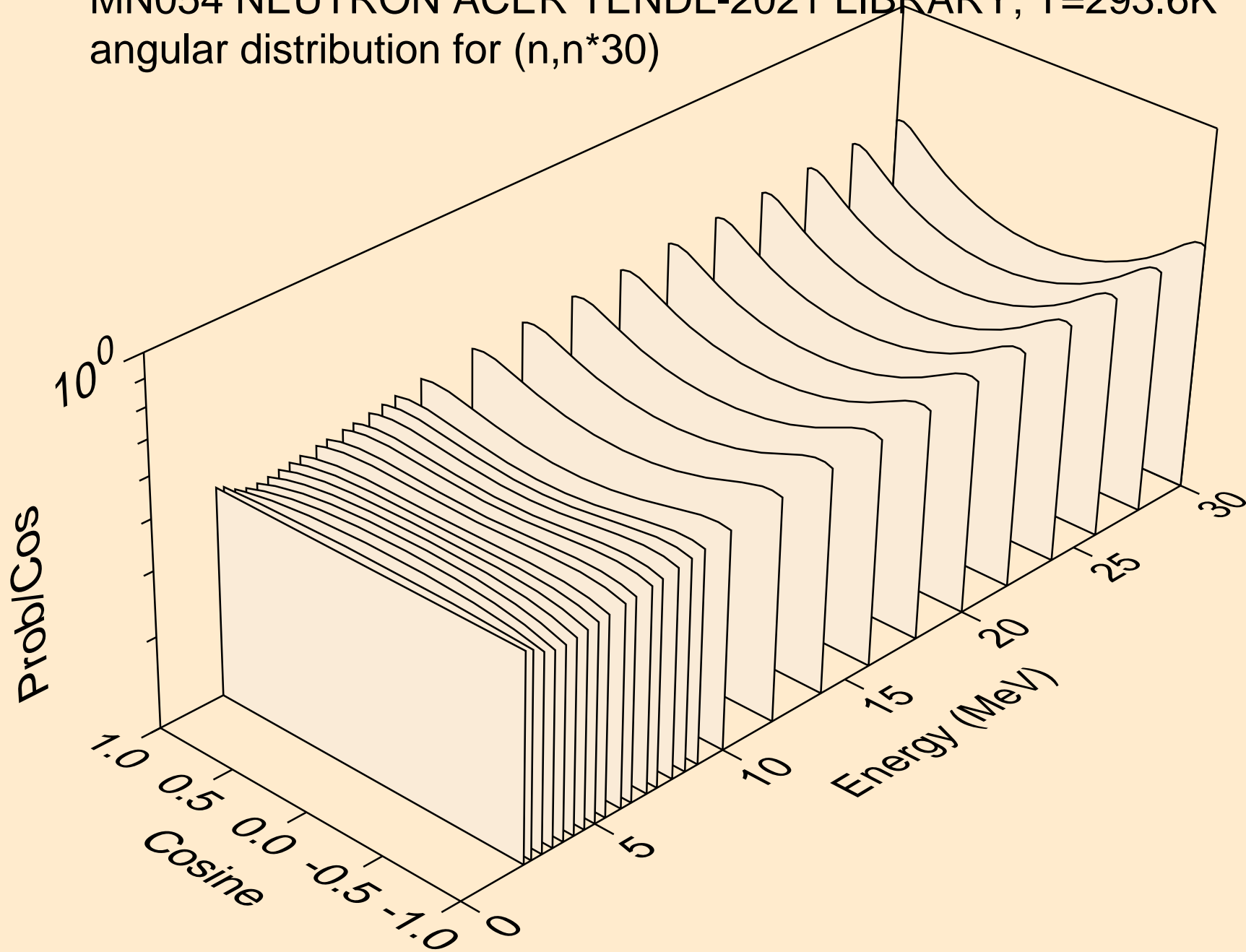
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)

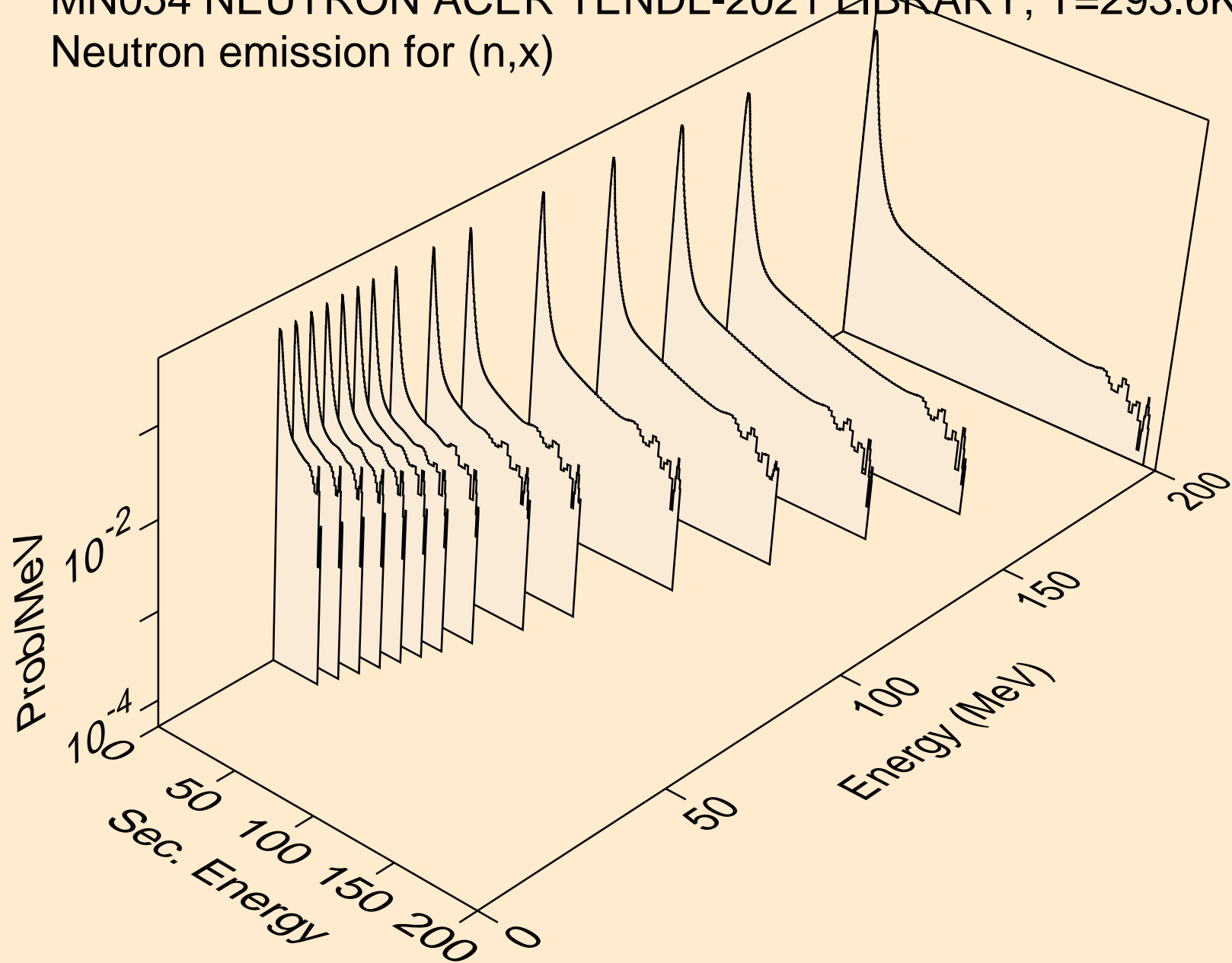


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)

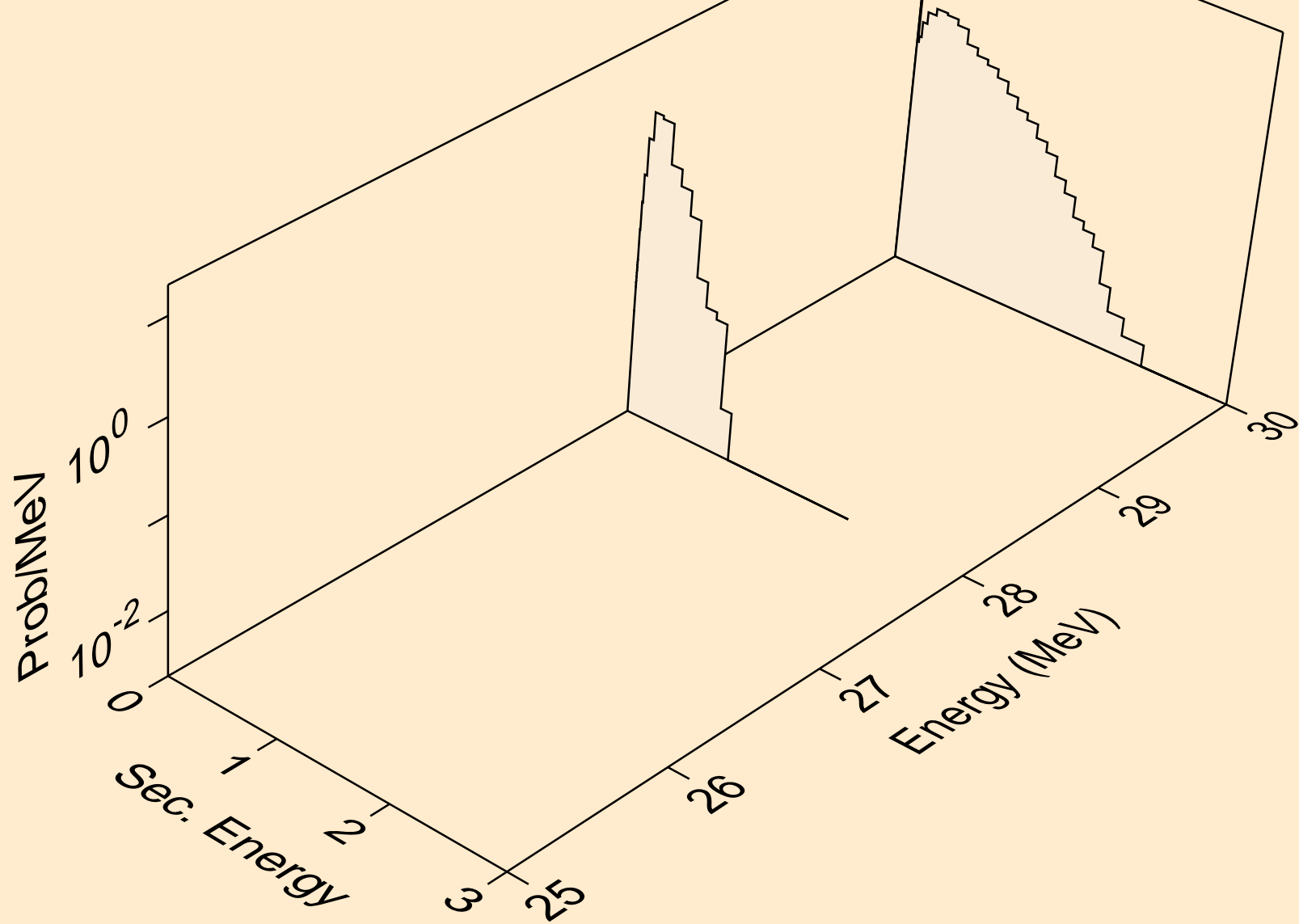




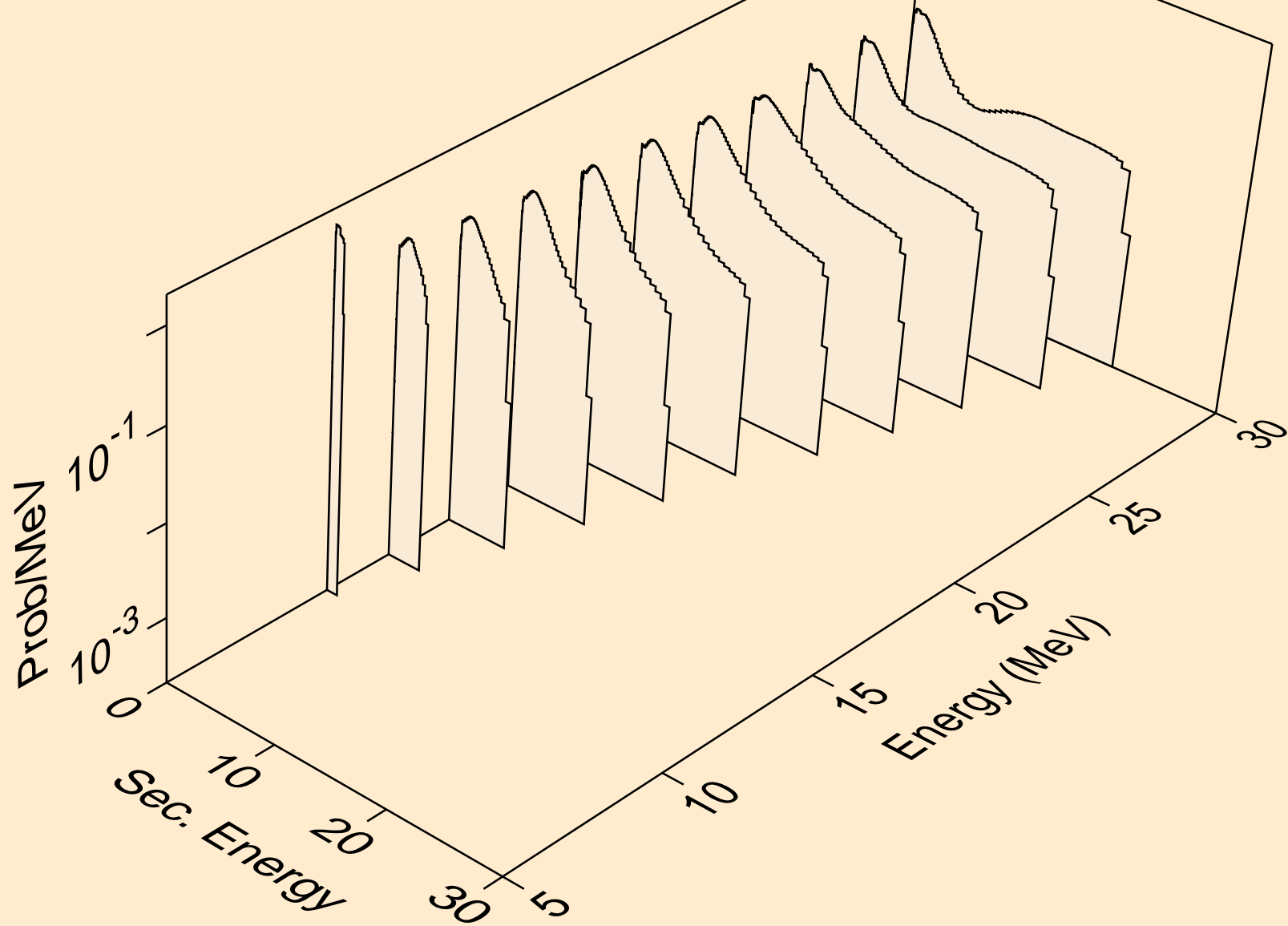
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



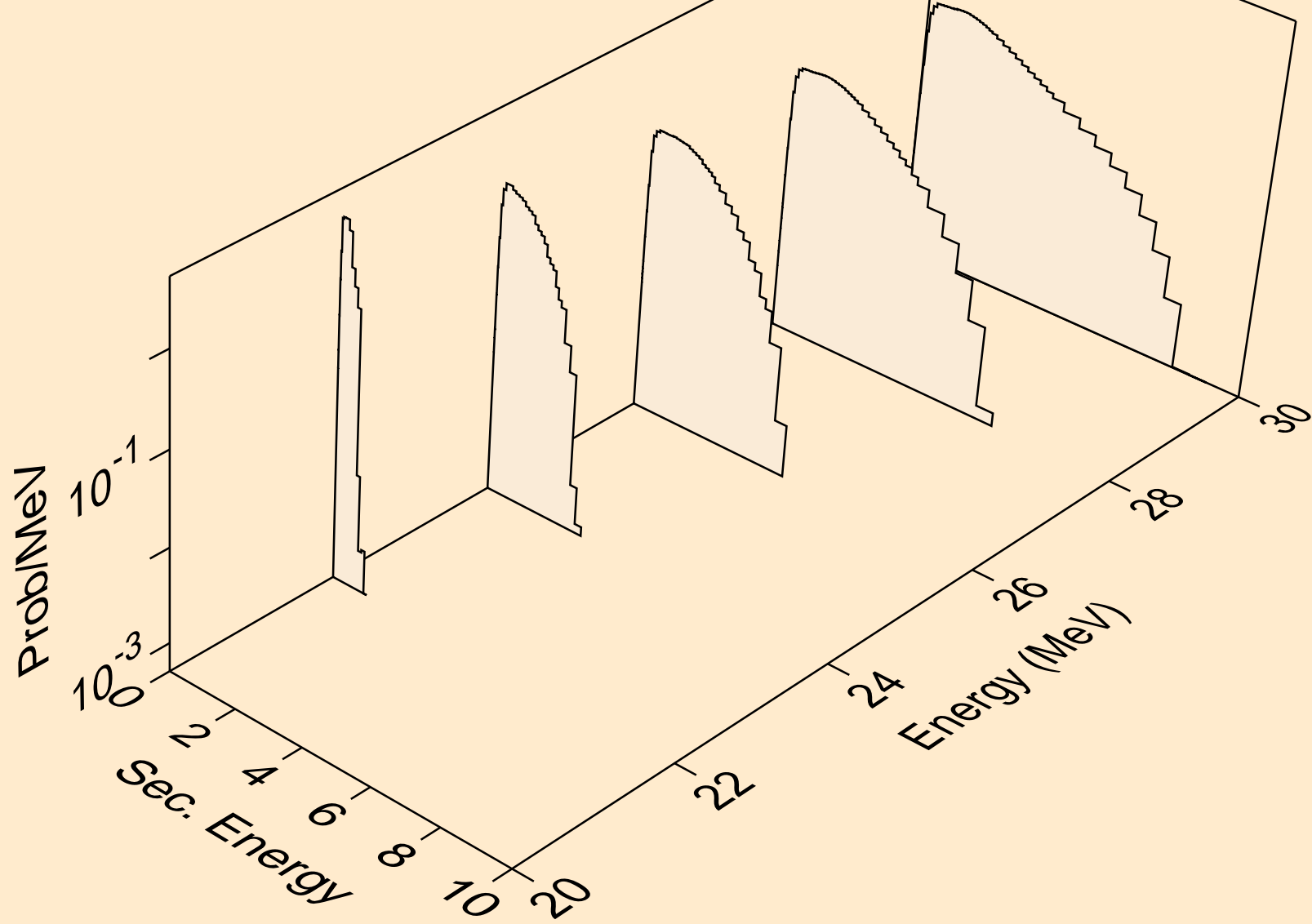
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



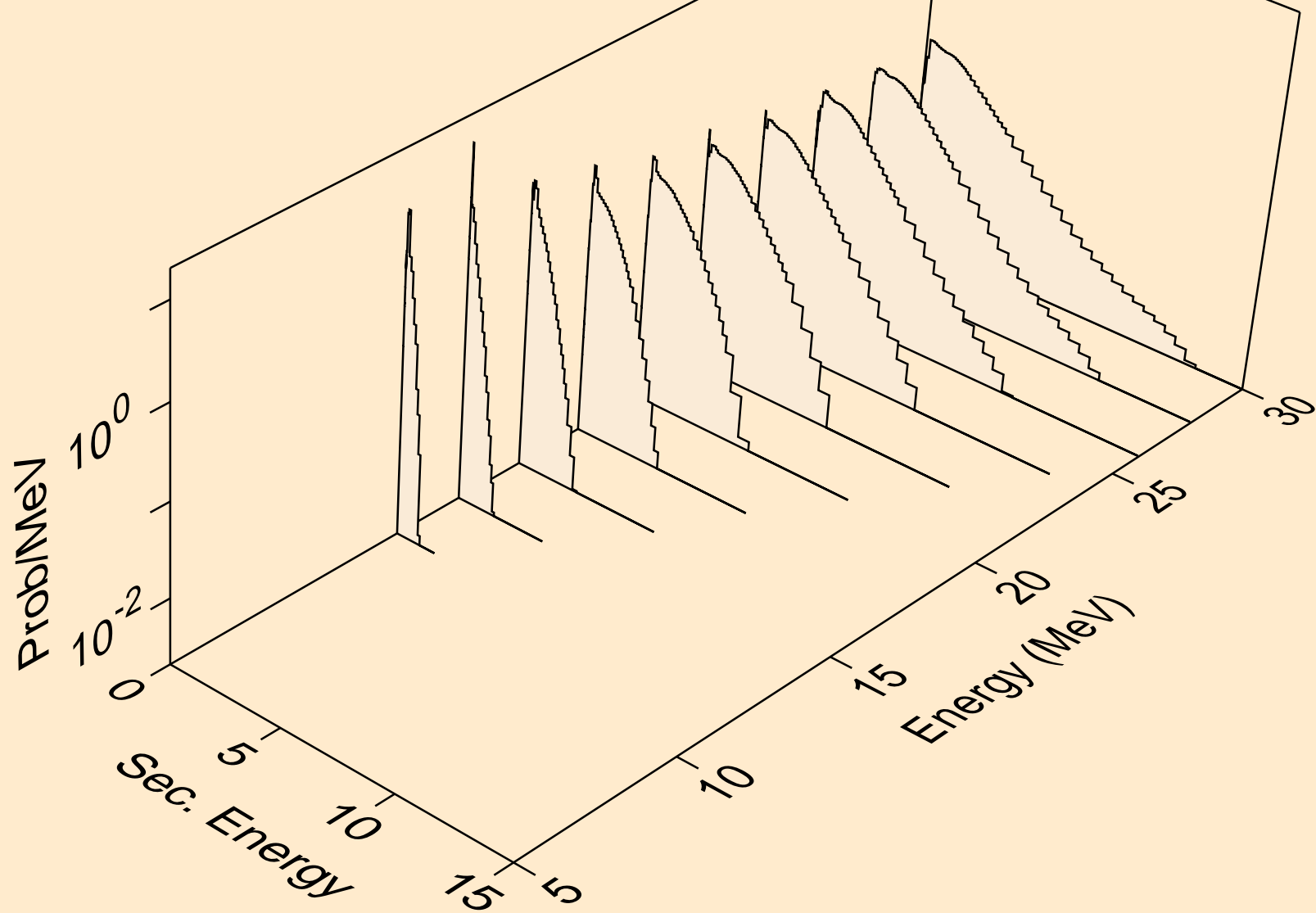
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



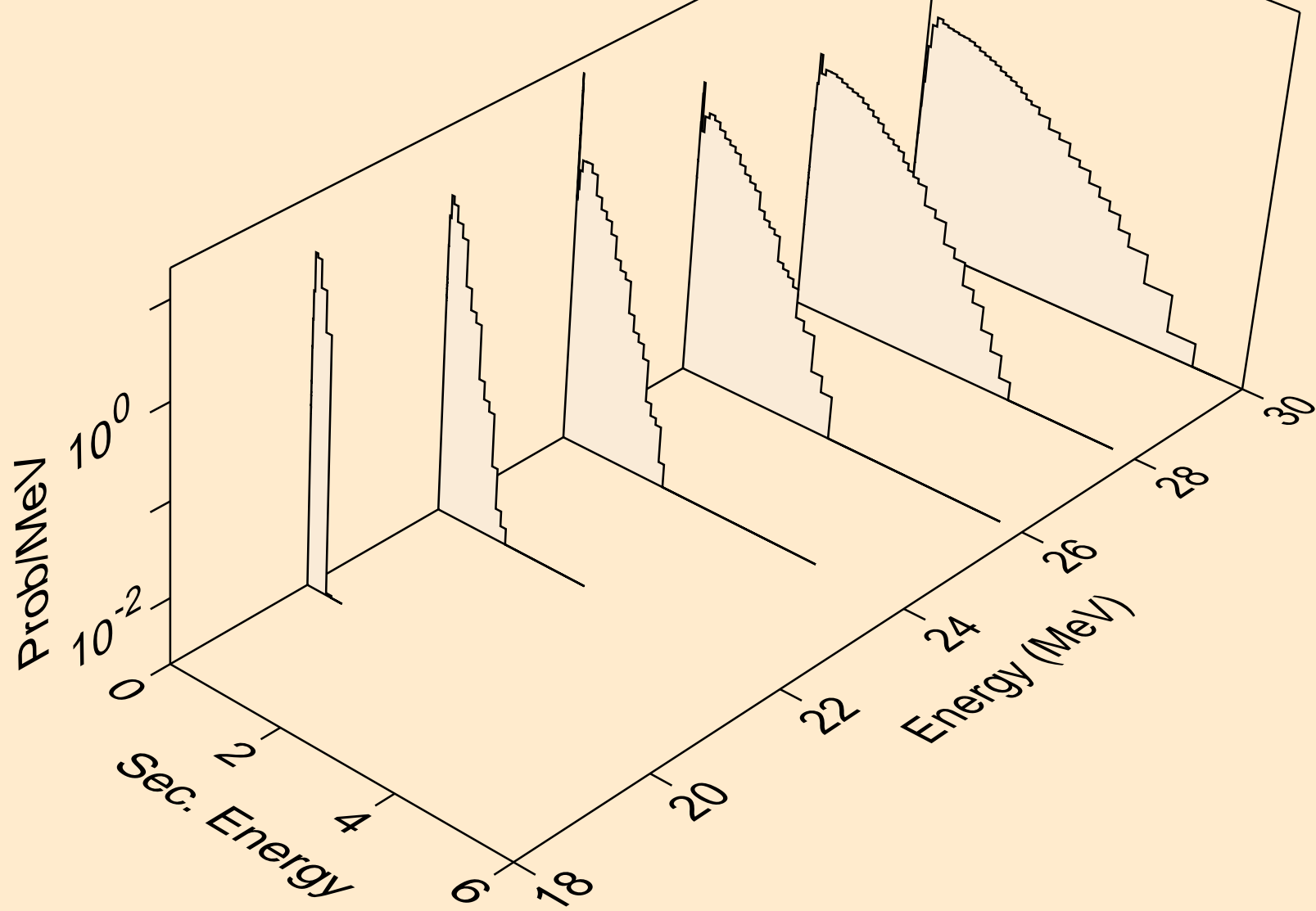
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



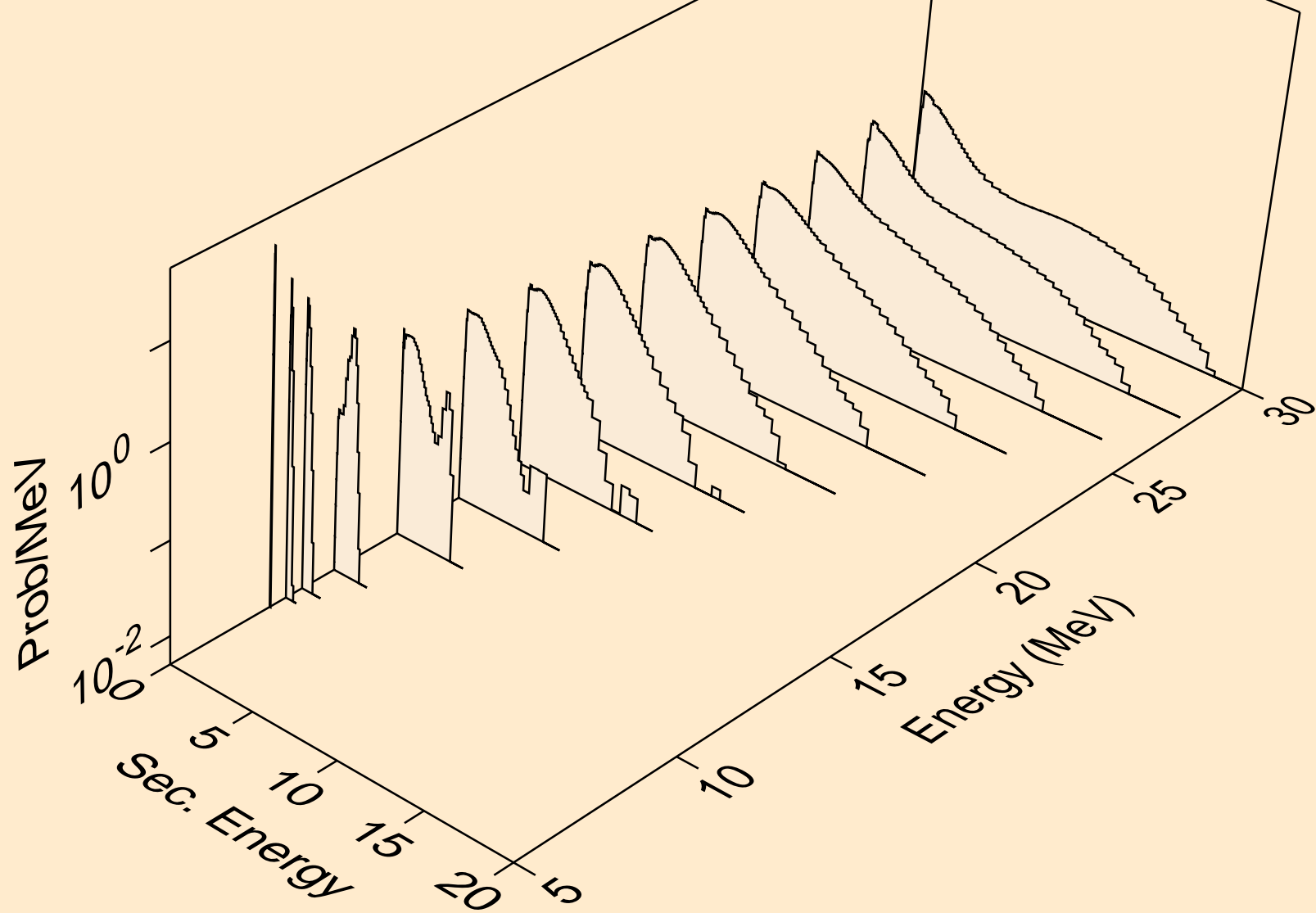
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



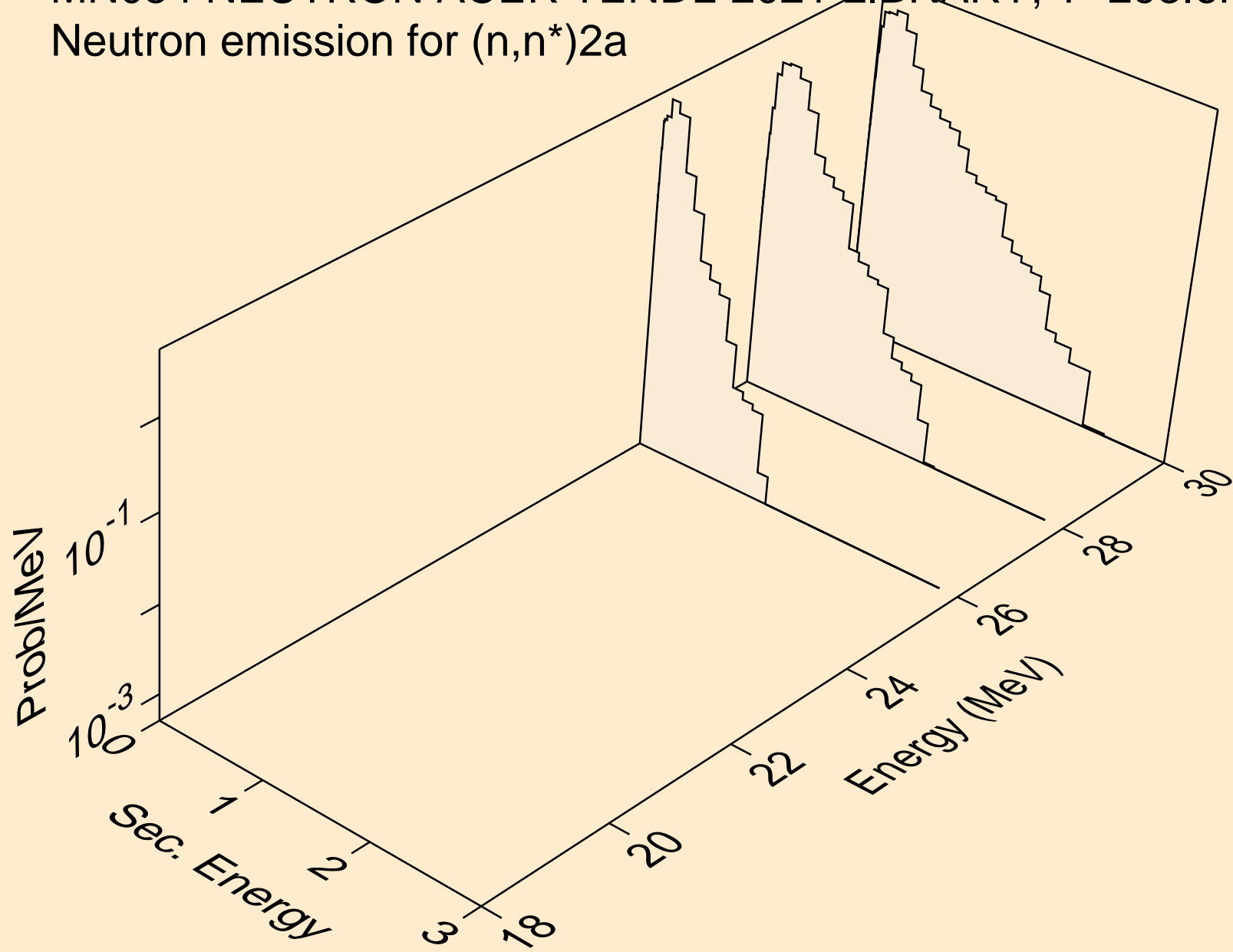
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

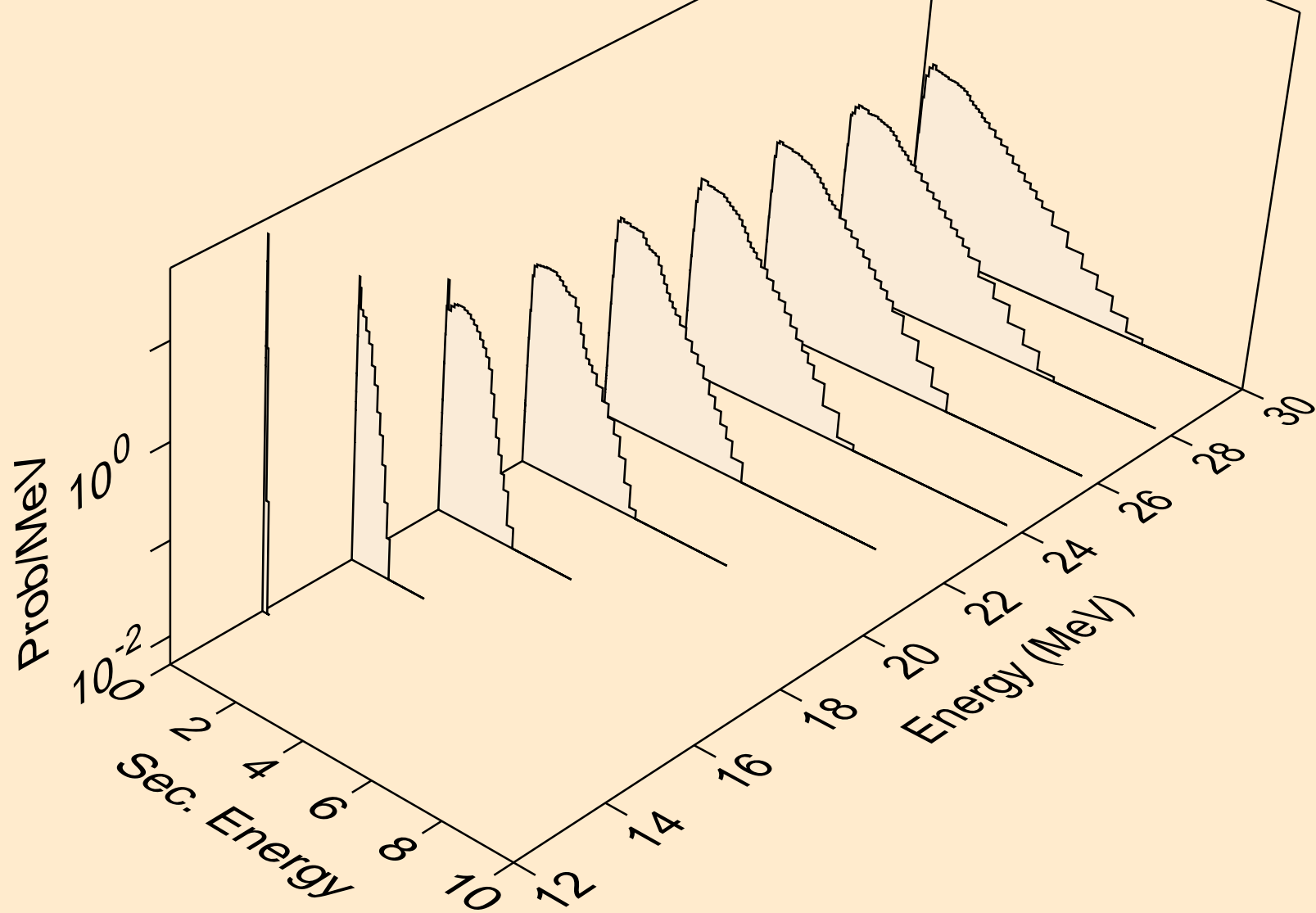


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

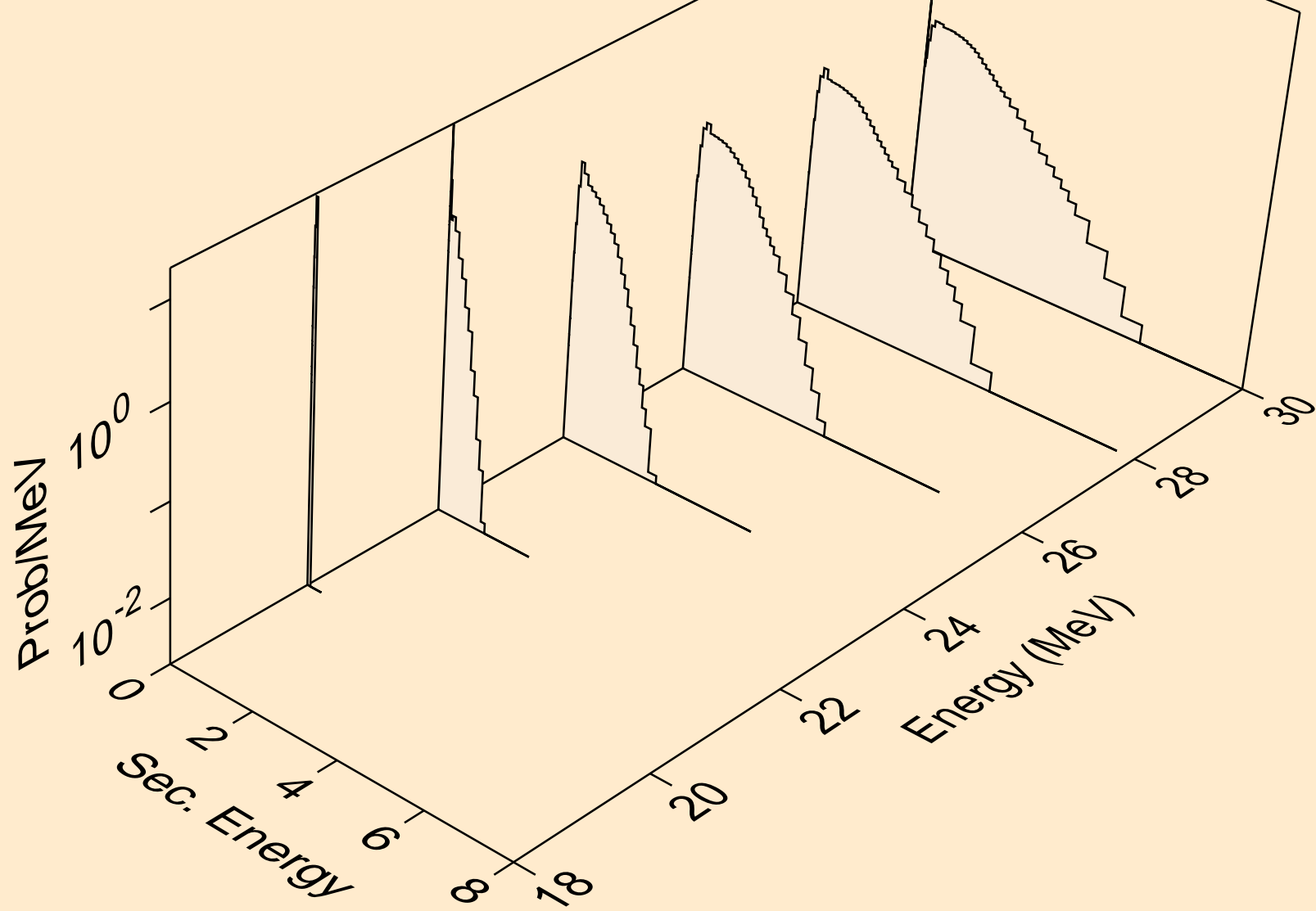




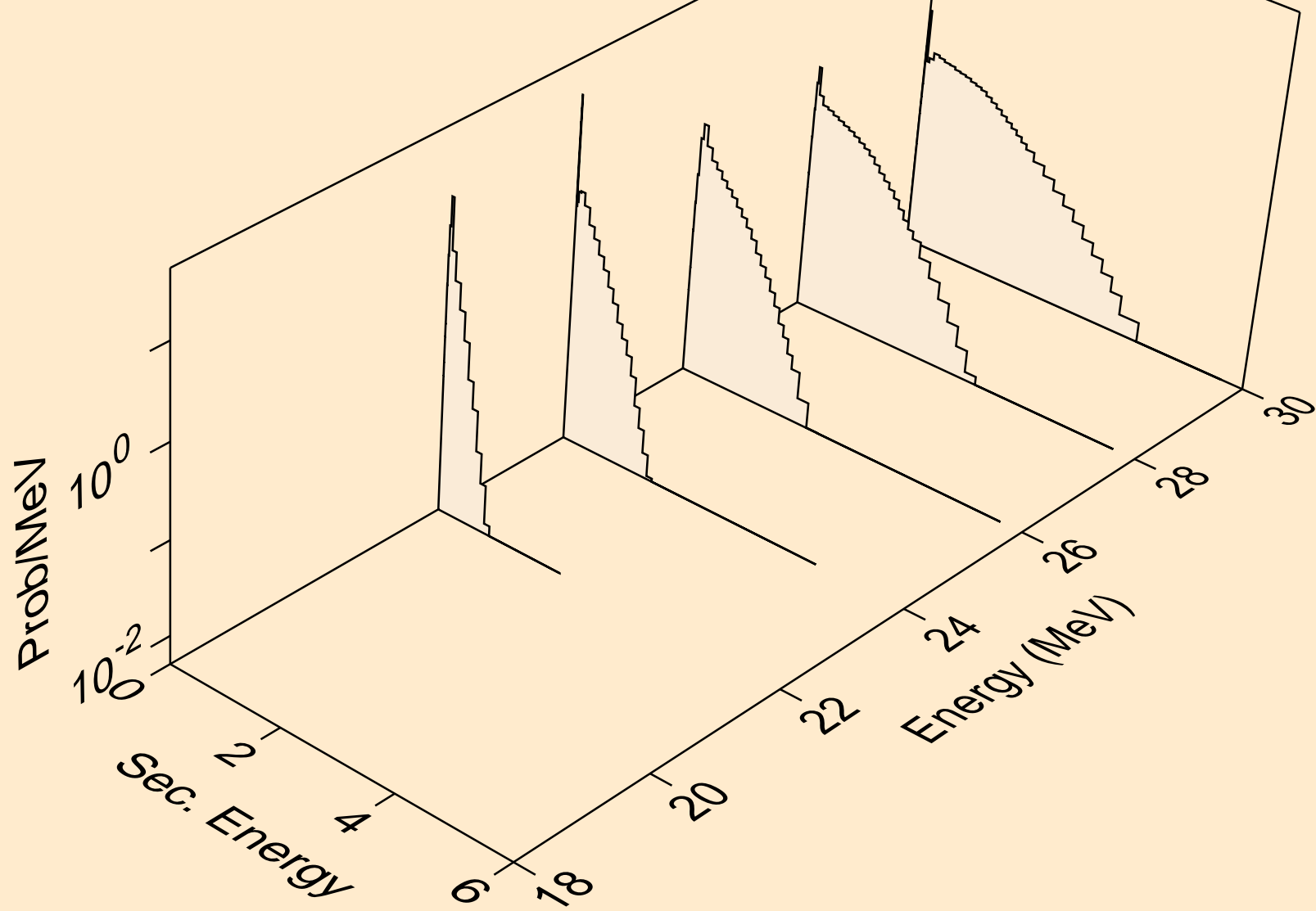
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



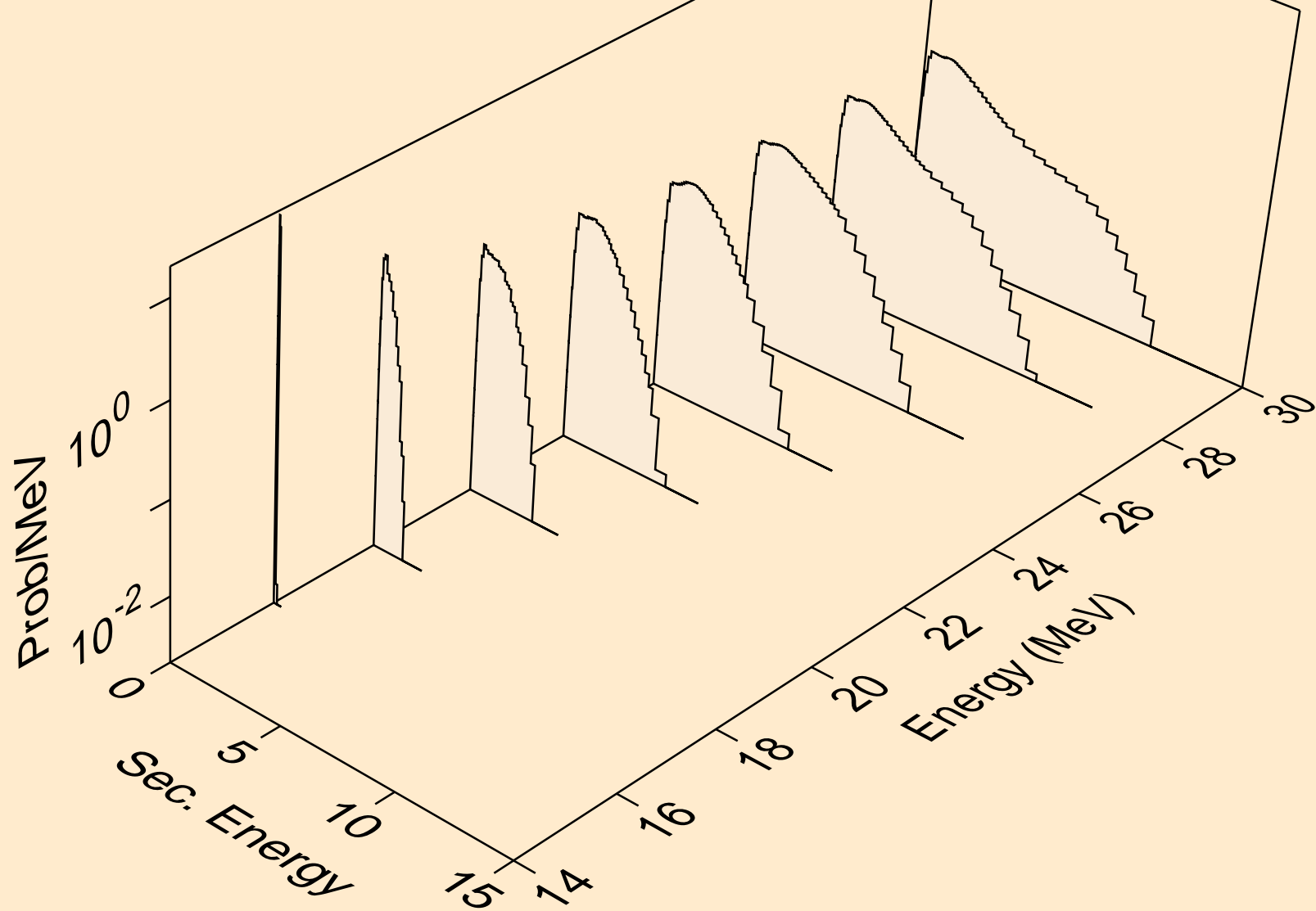
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



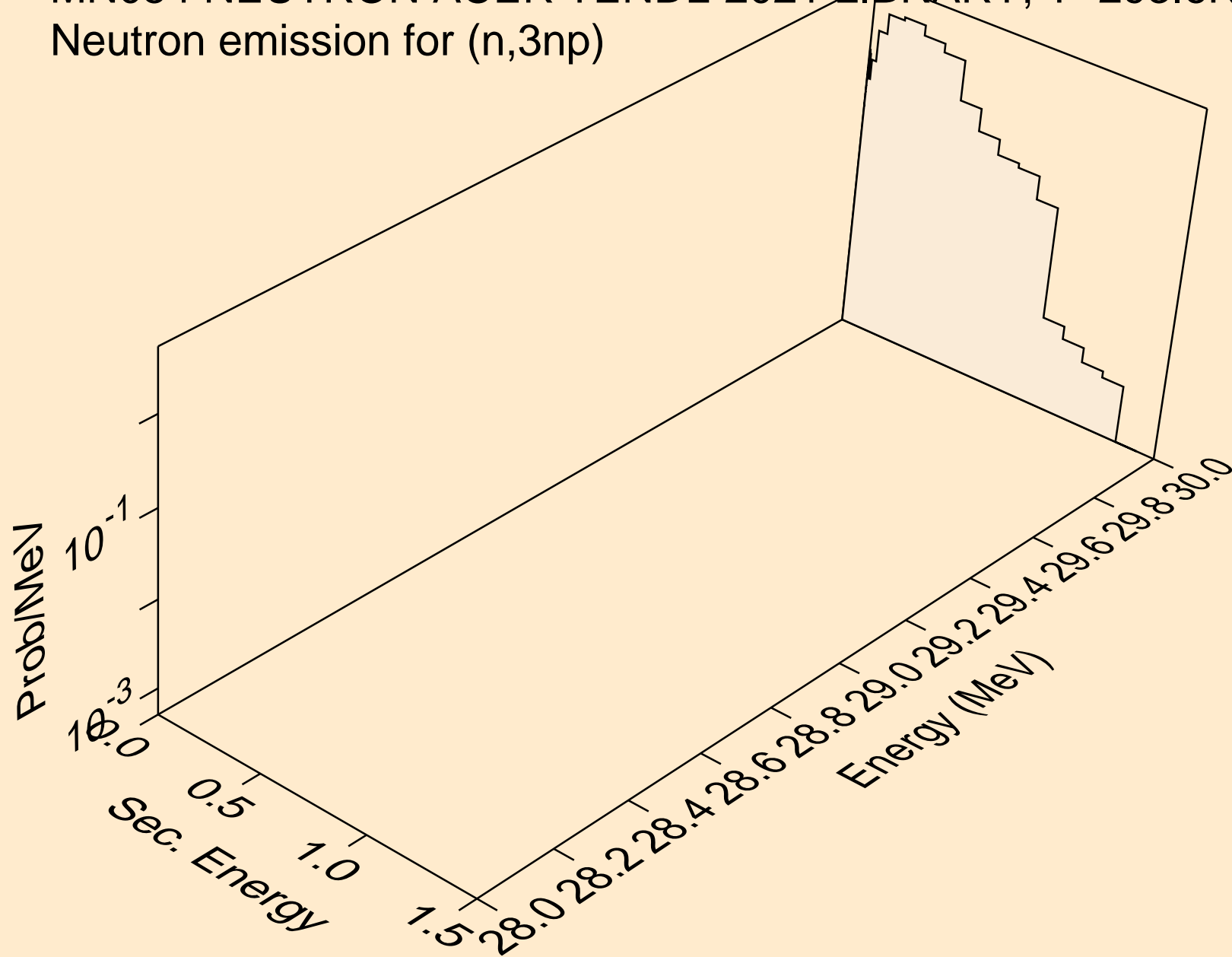
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



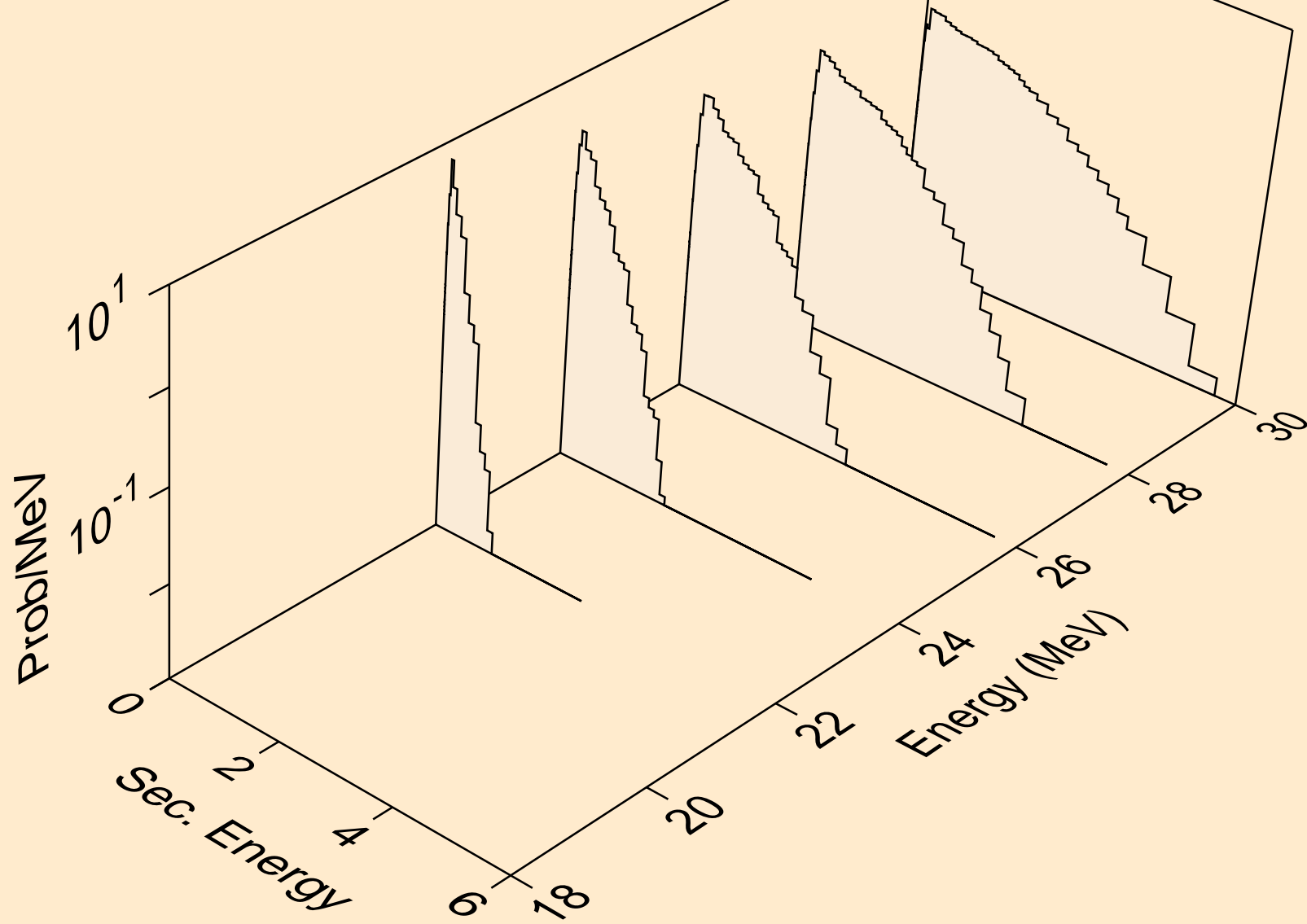
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



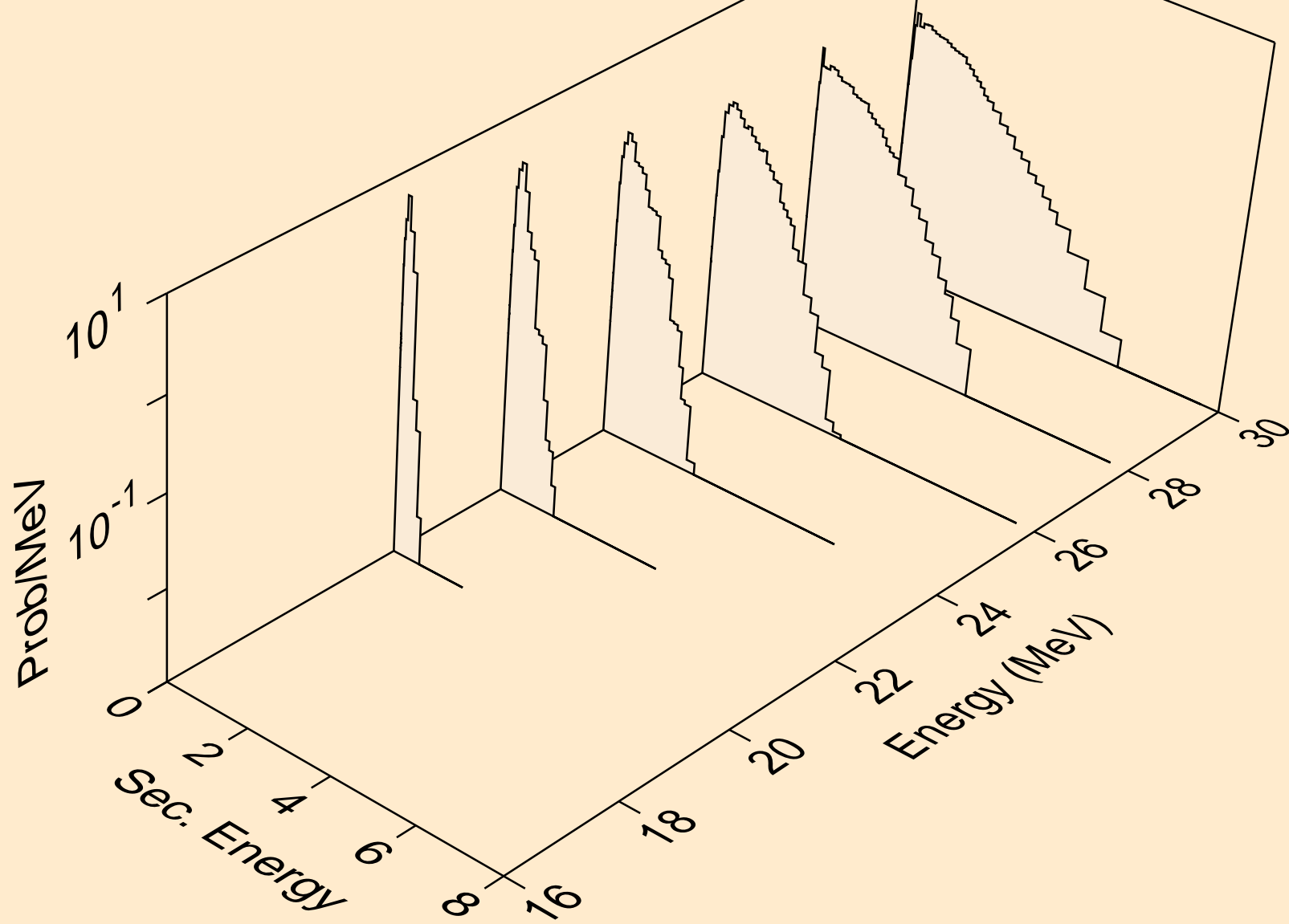
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



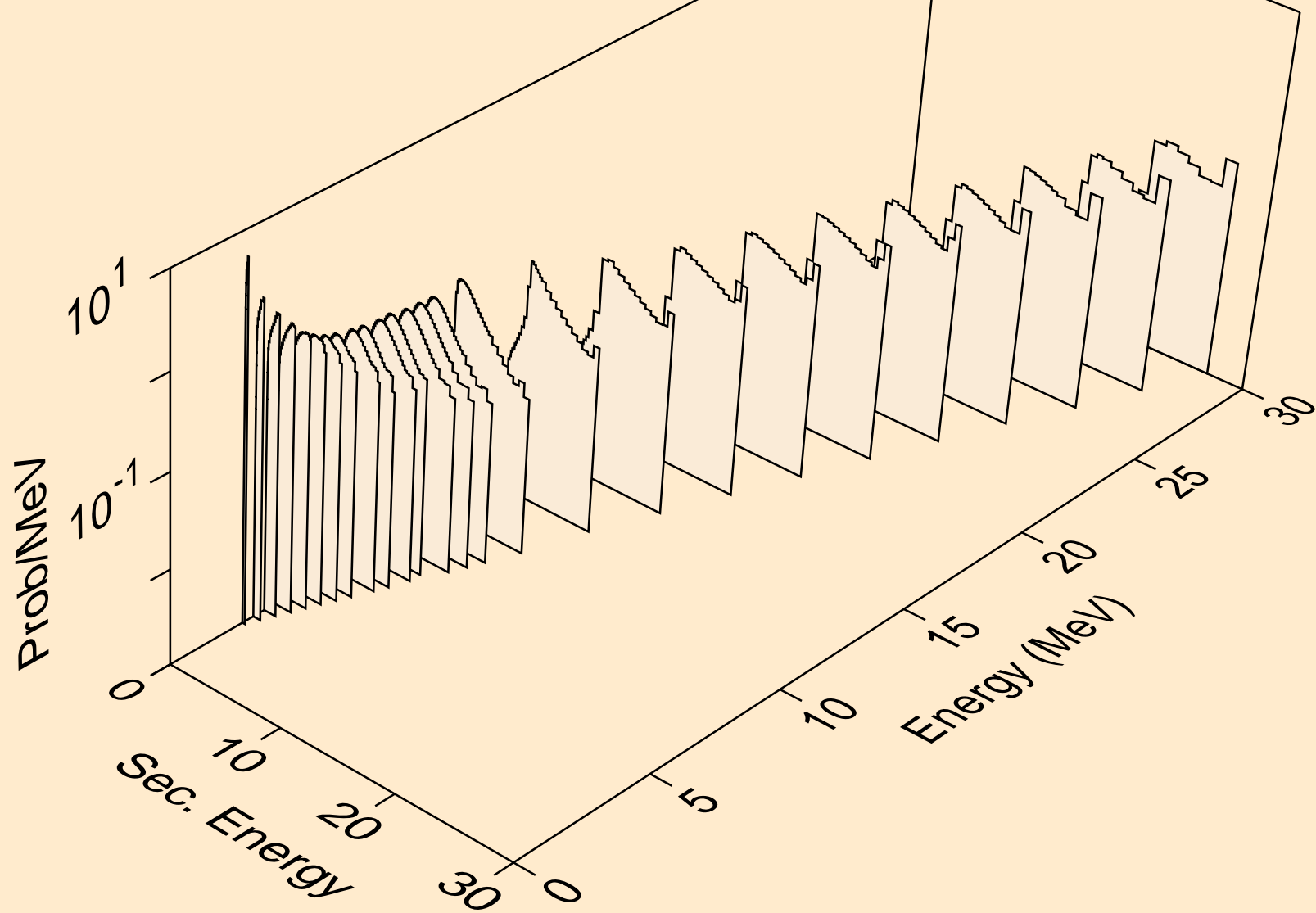
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

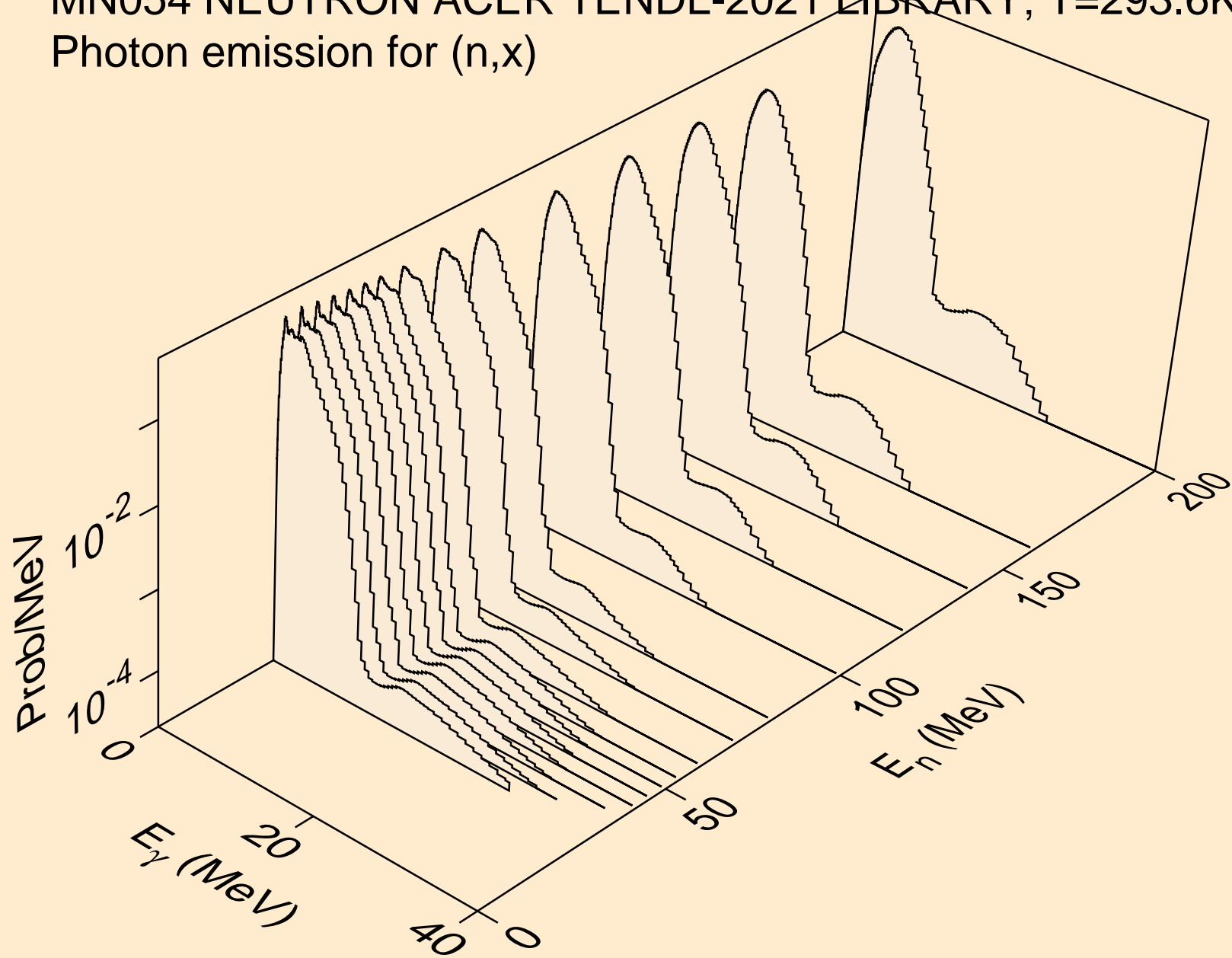


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

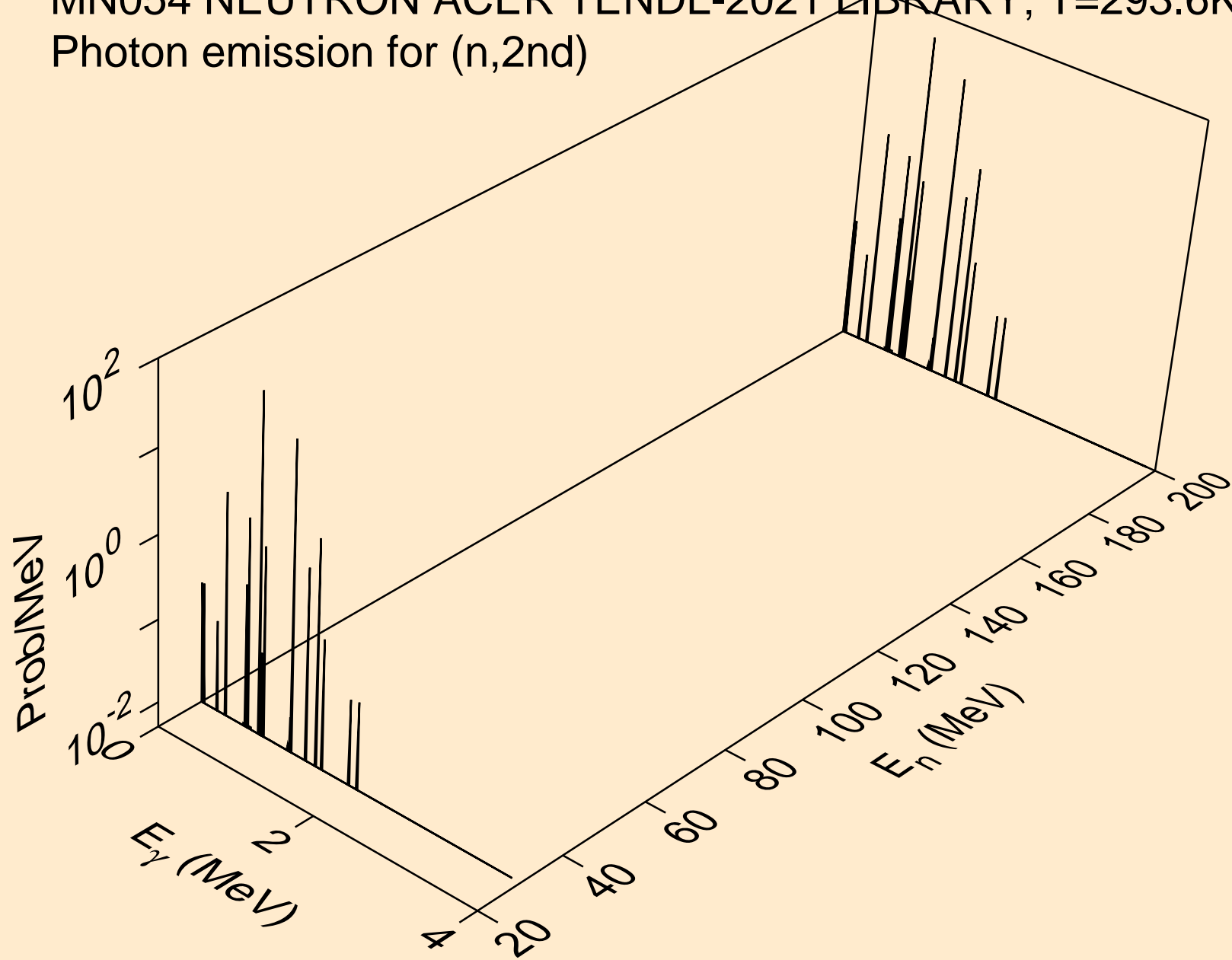




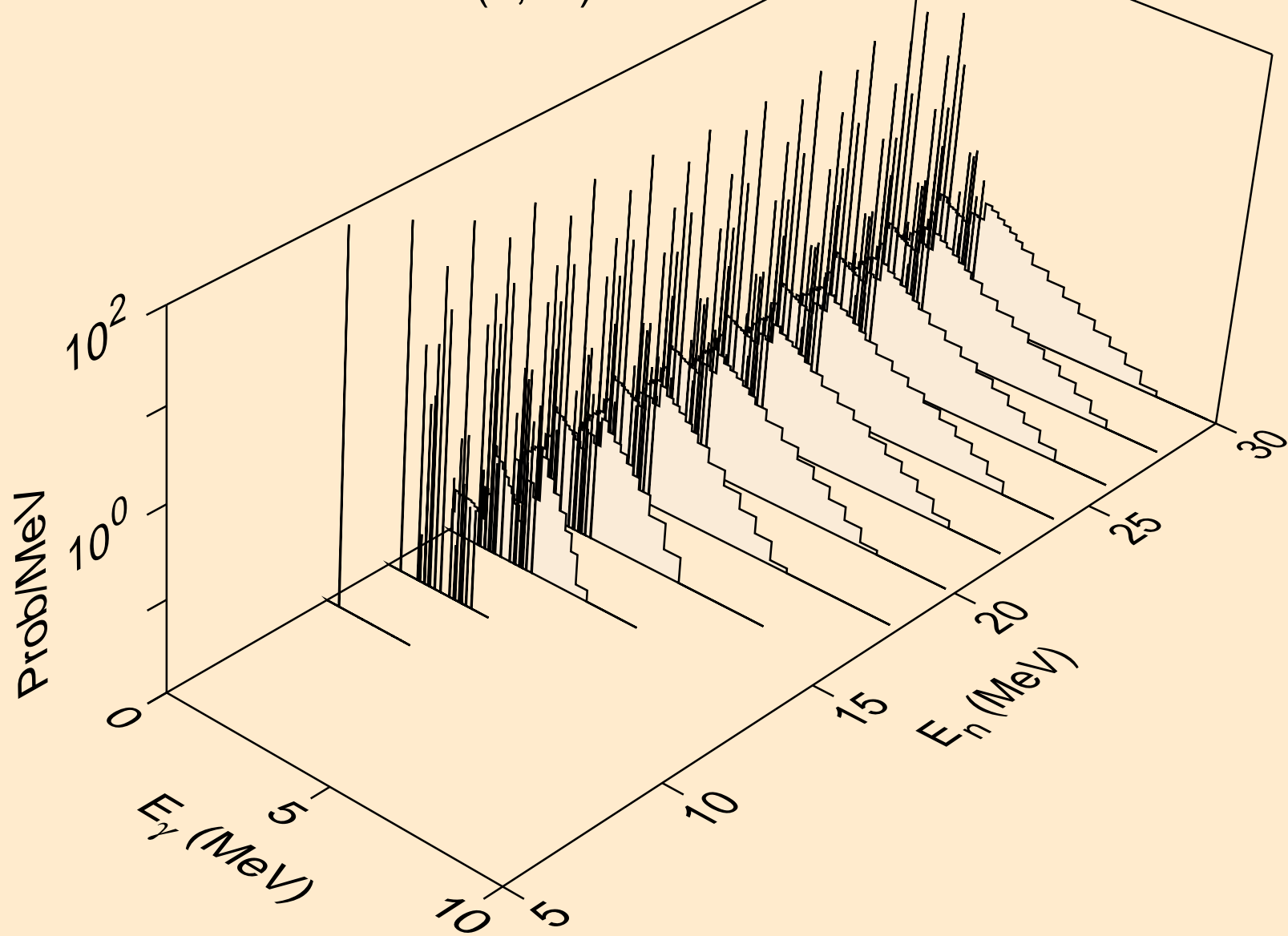
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



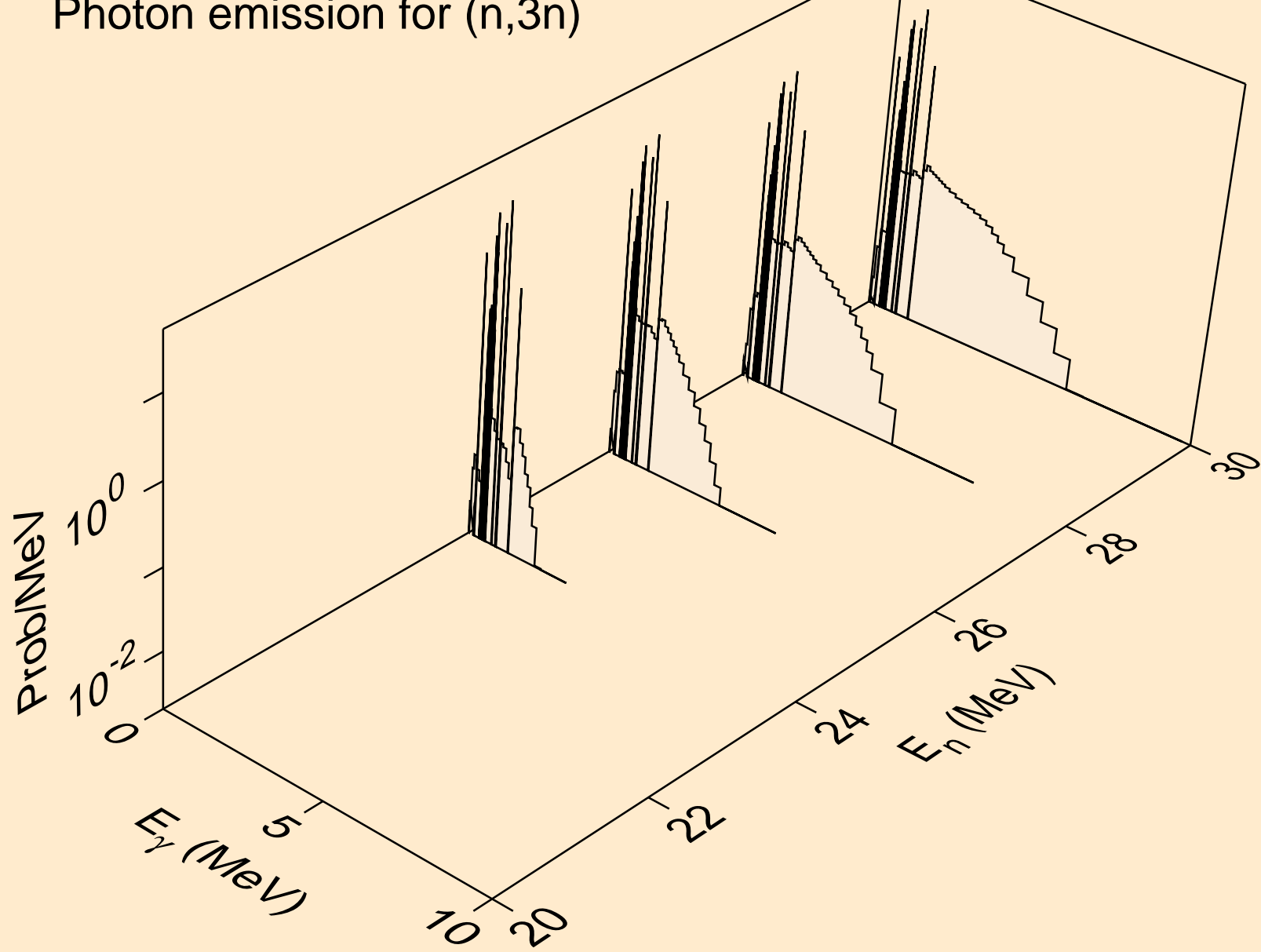
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



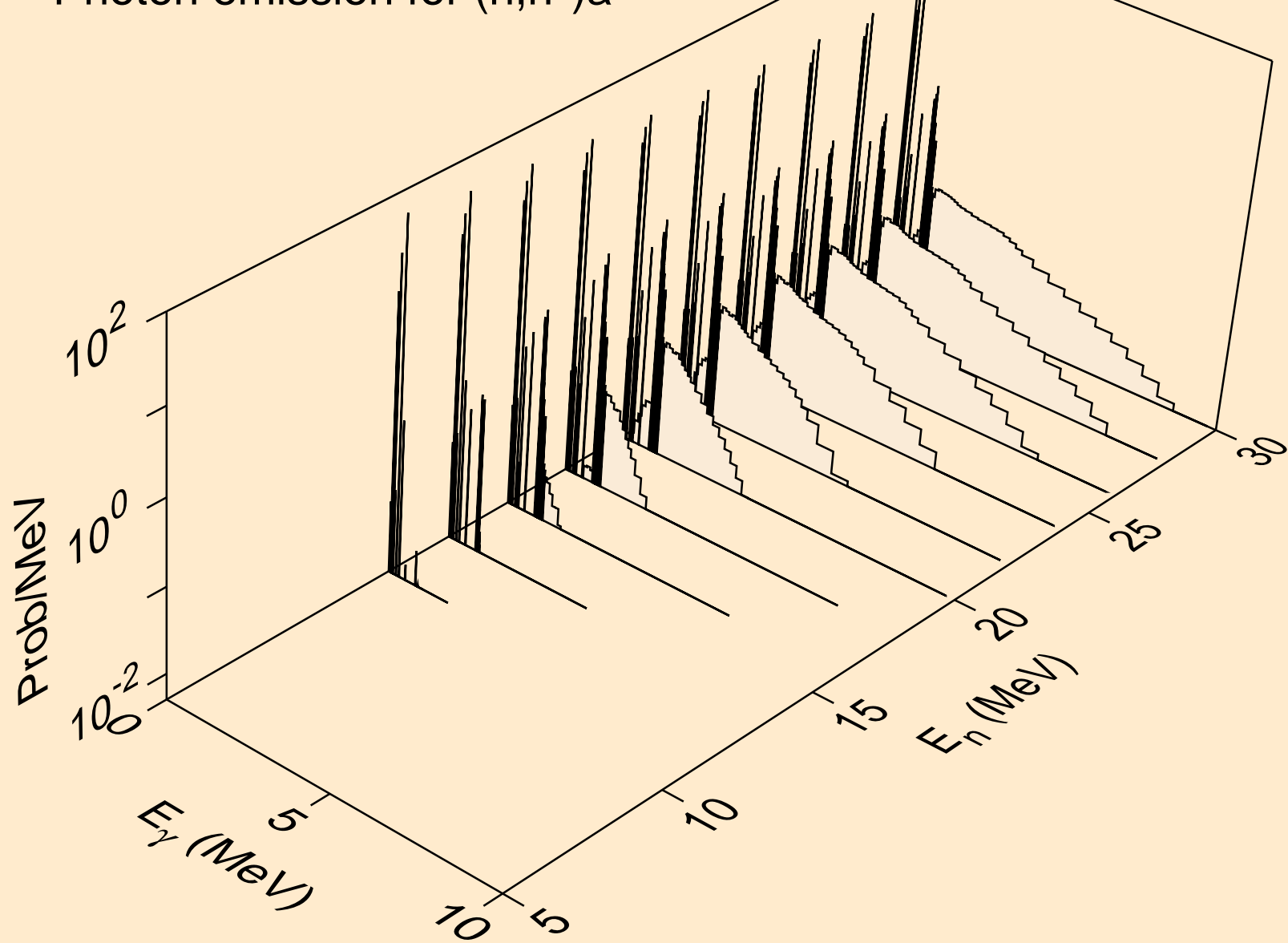
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



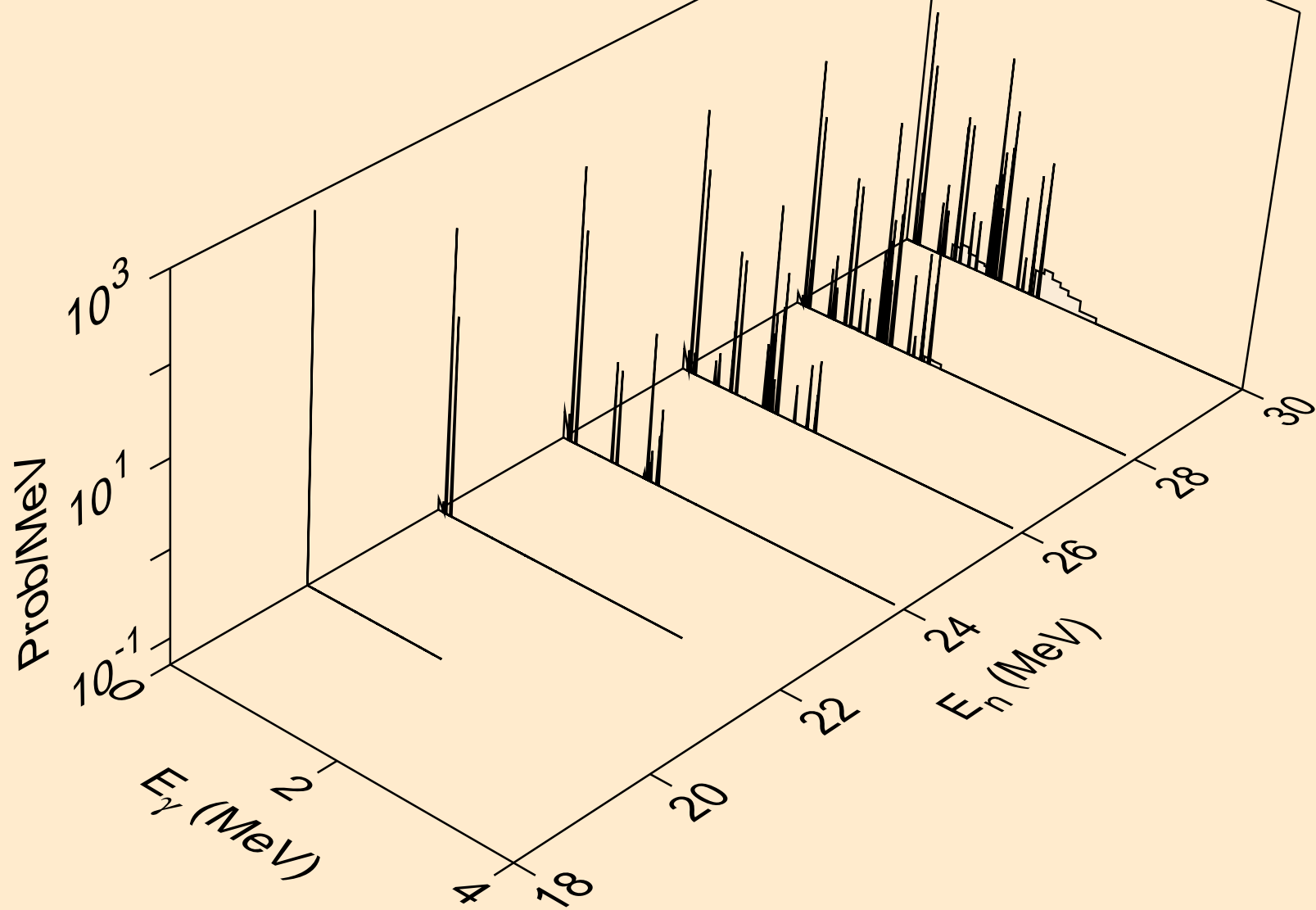
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



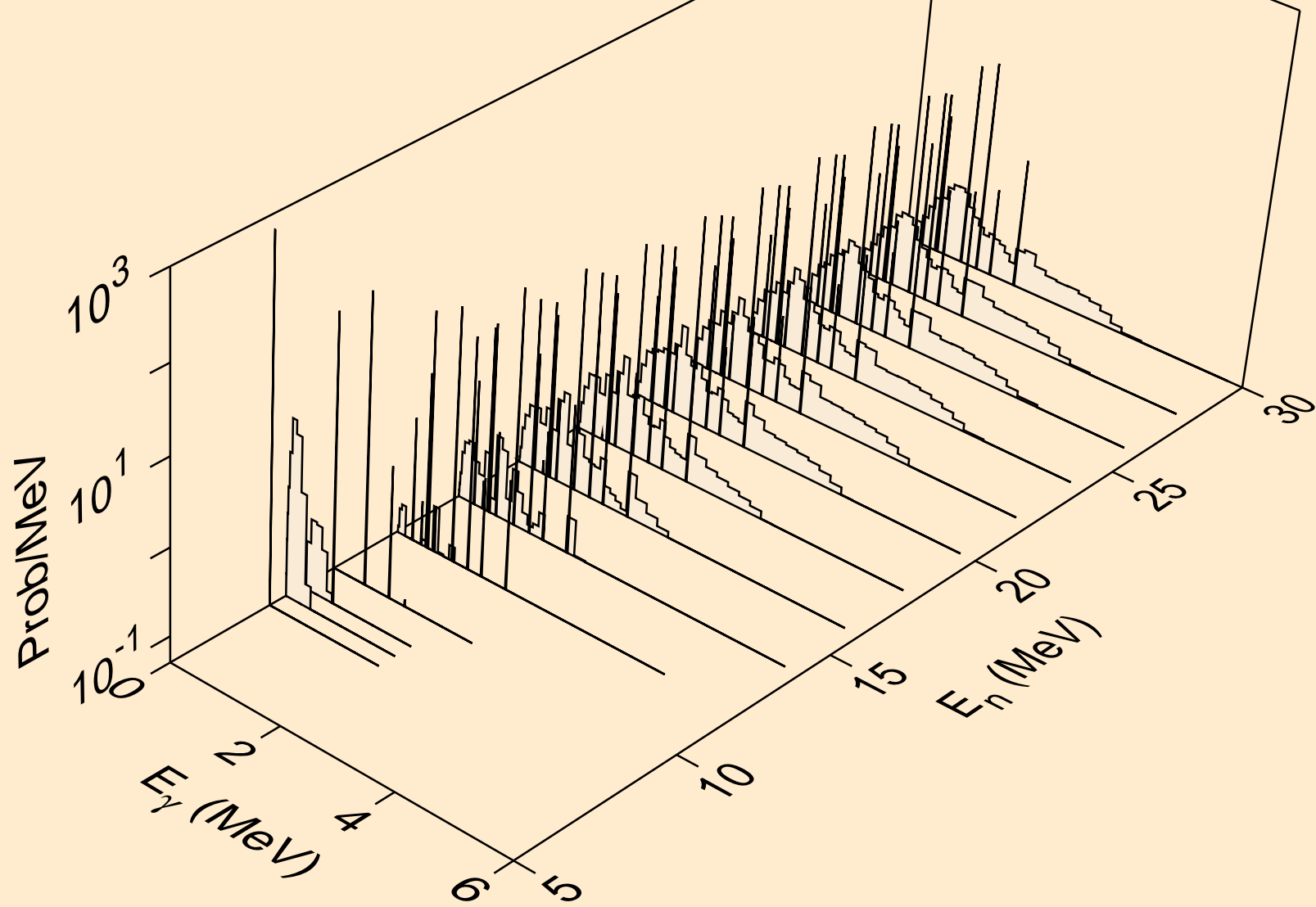
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



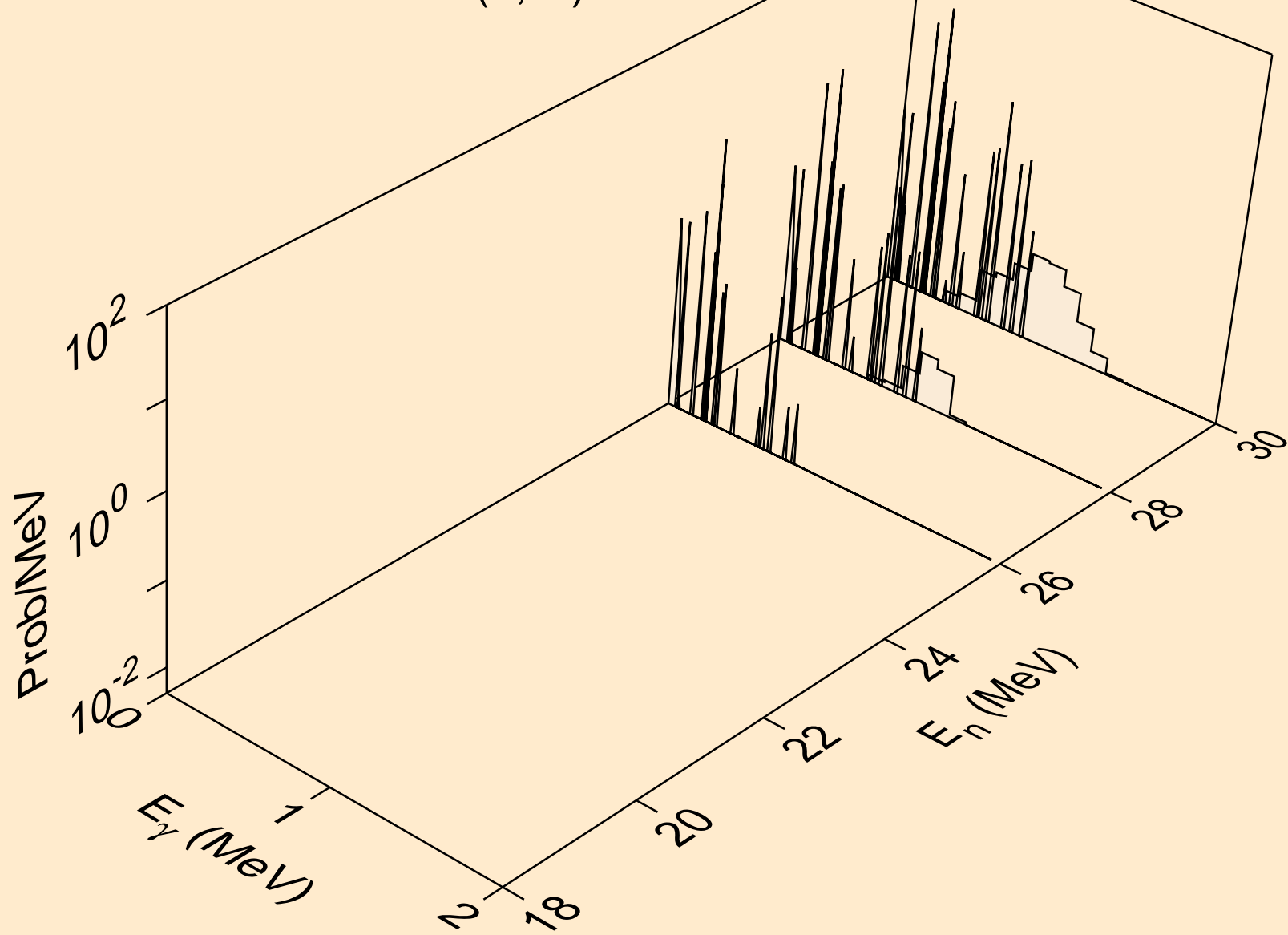
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

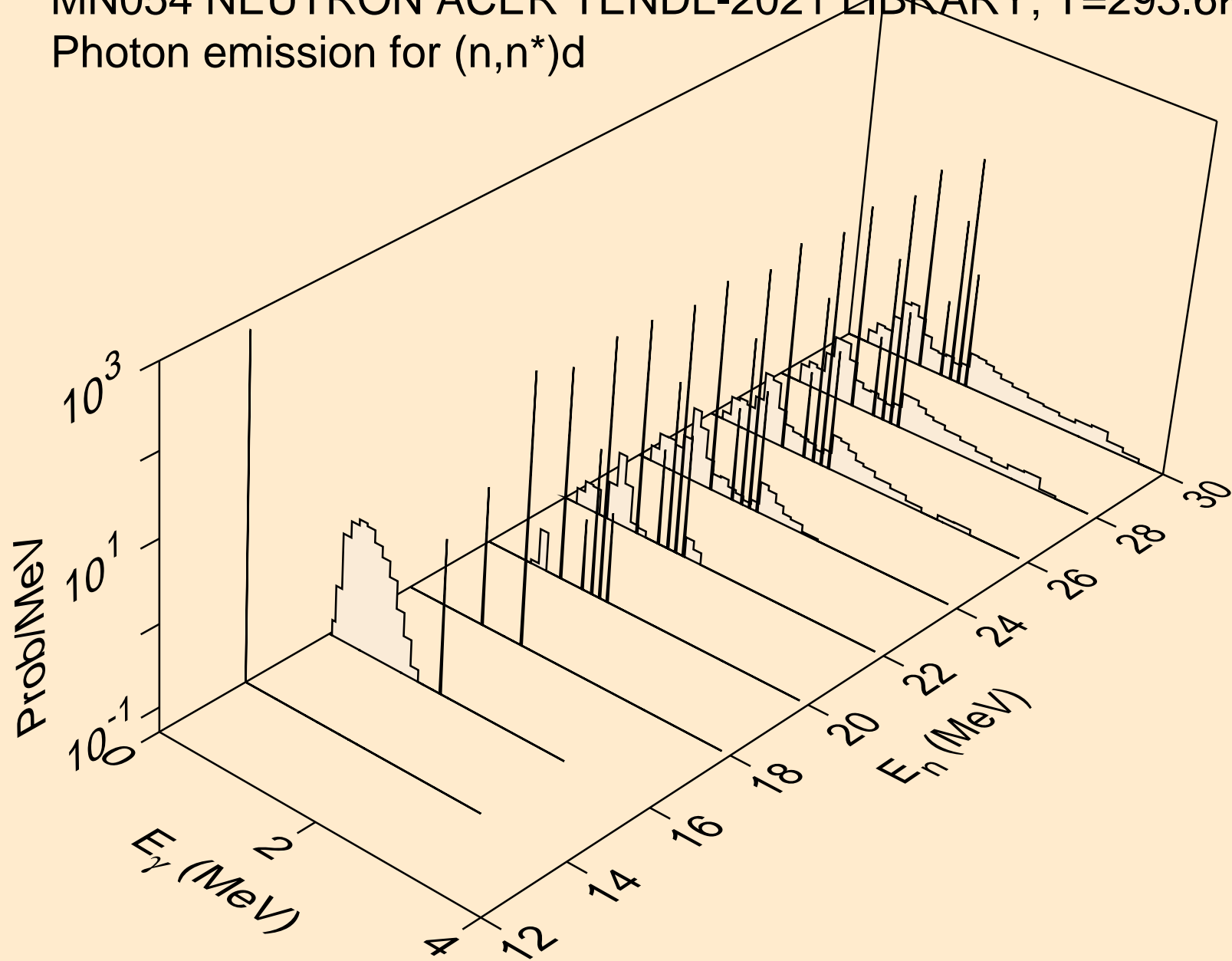


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

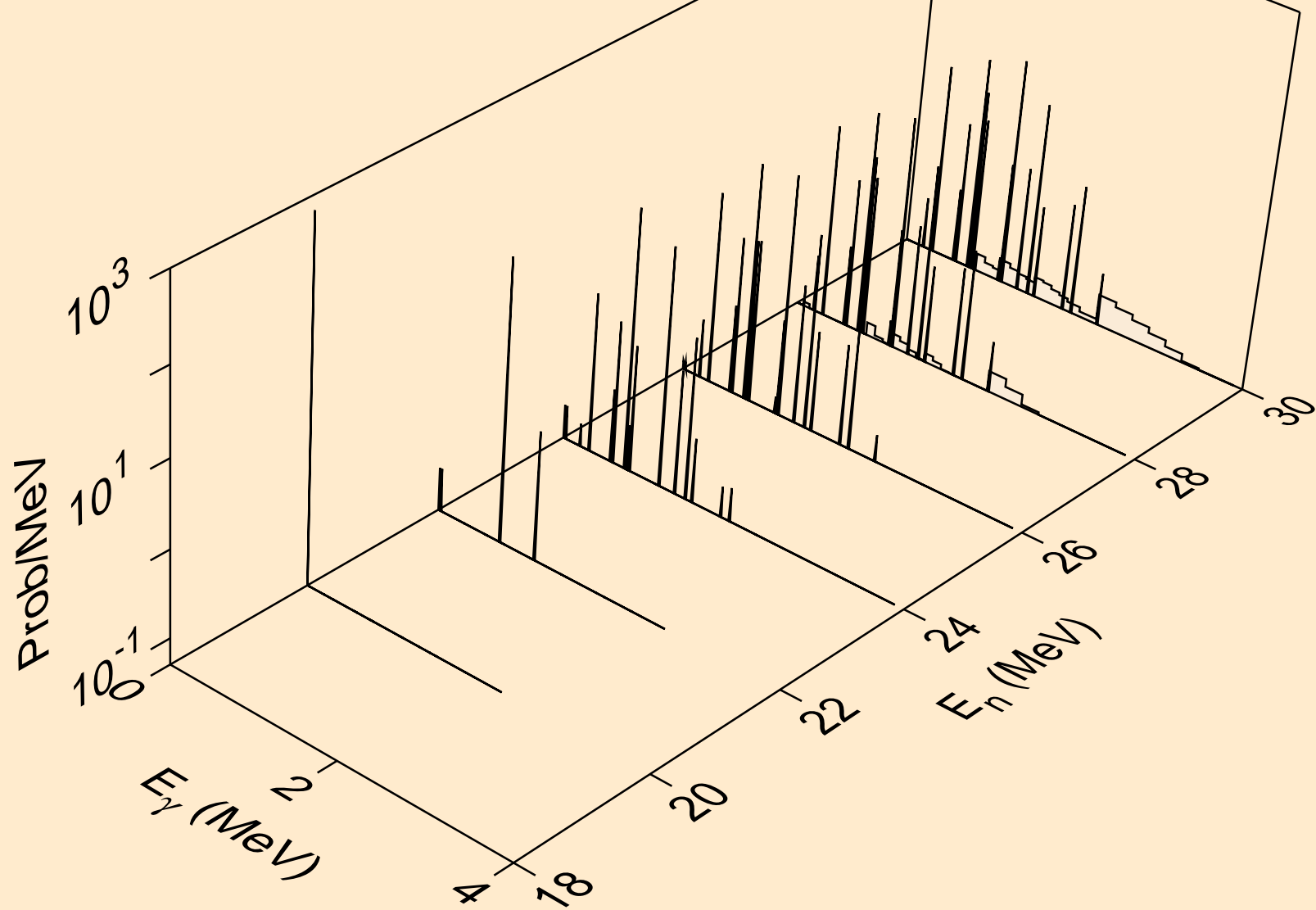




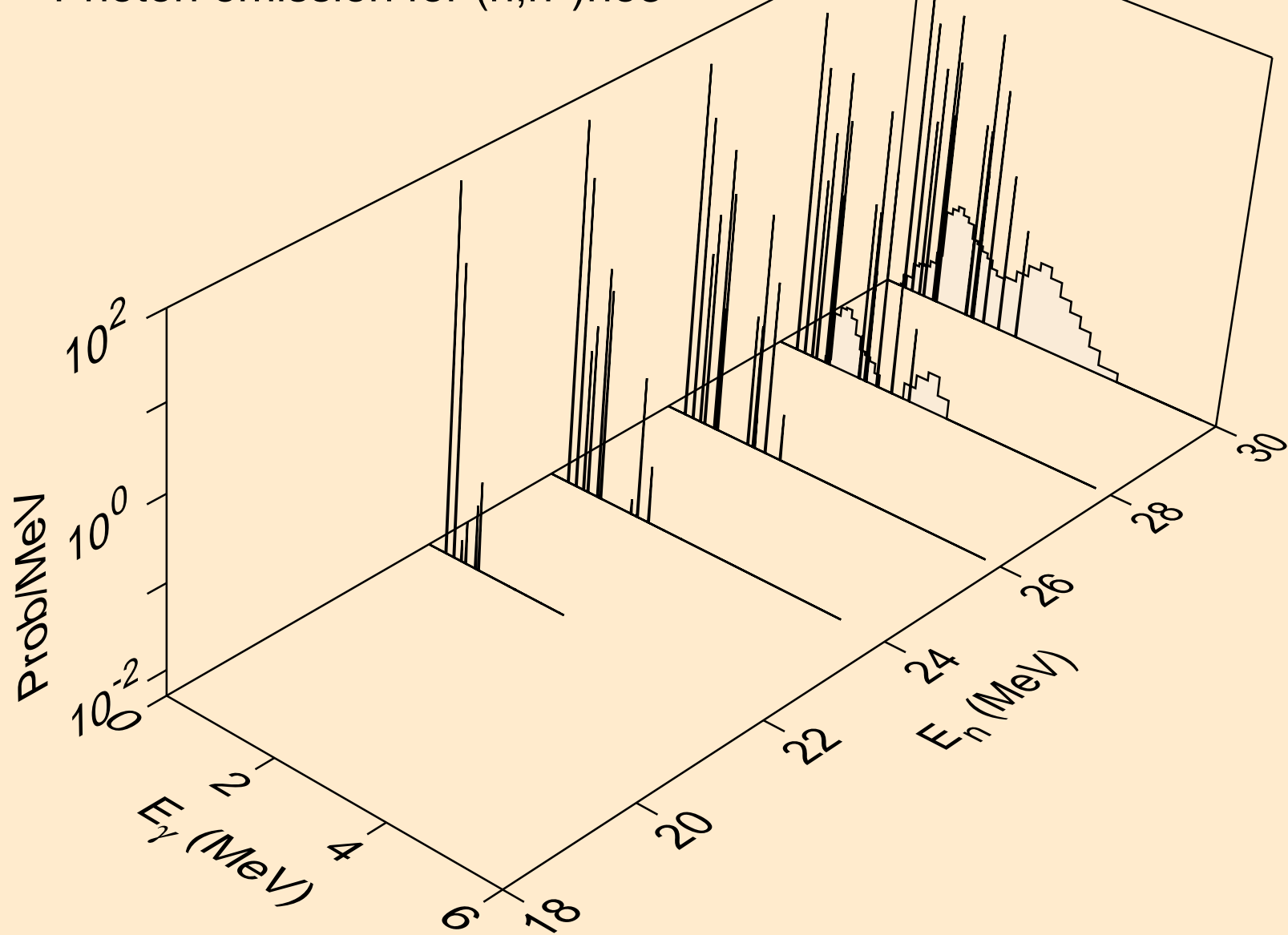
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



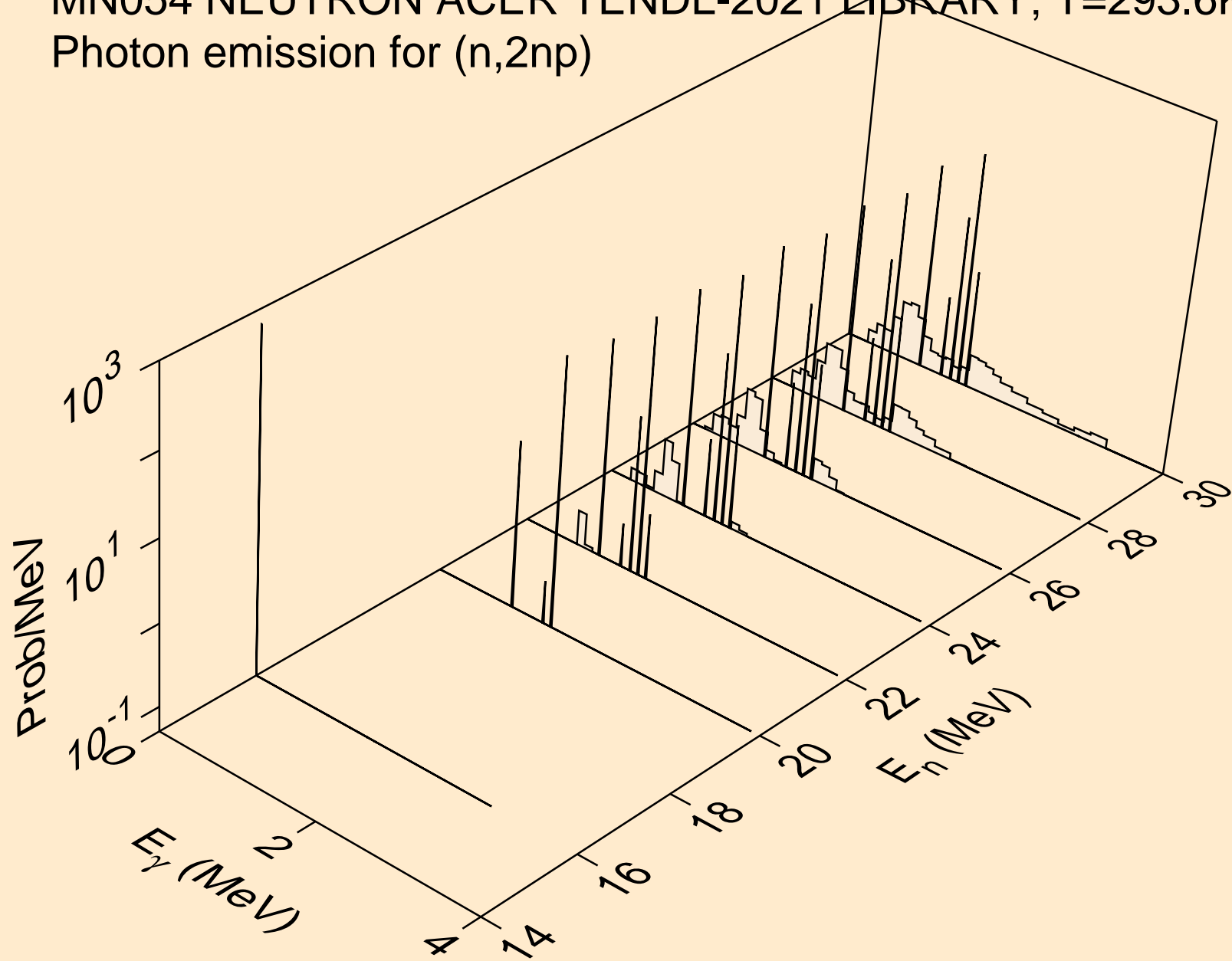
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



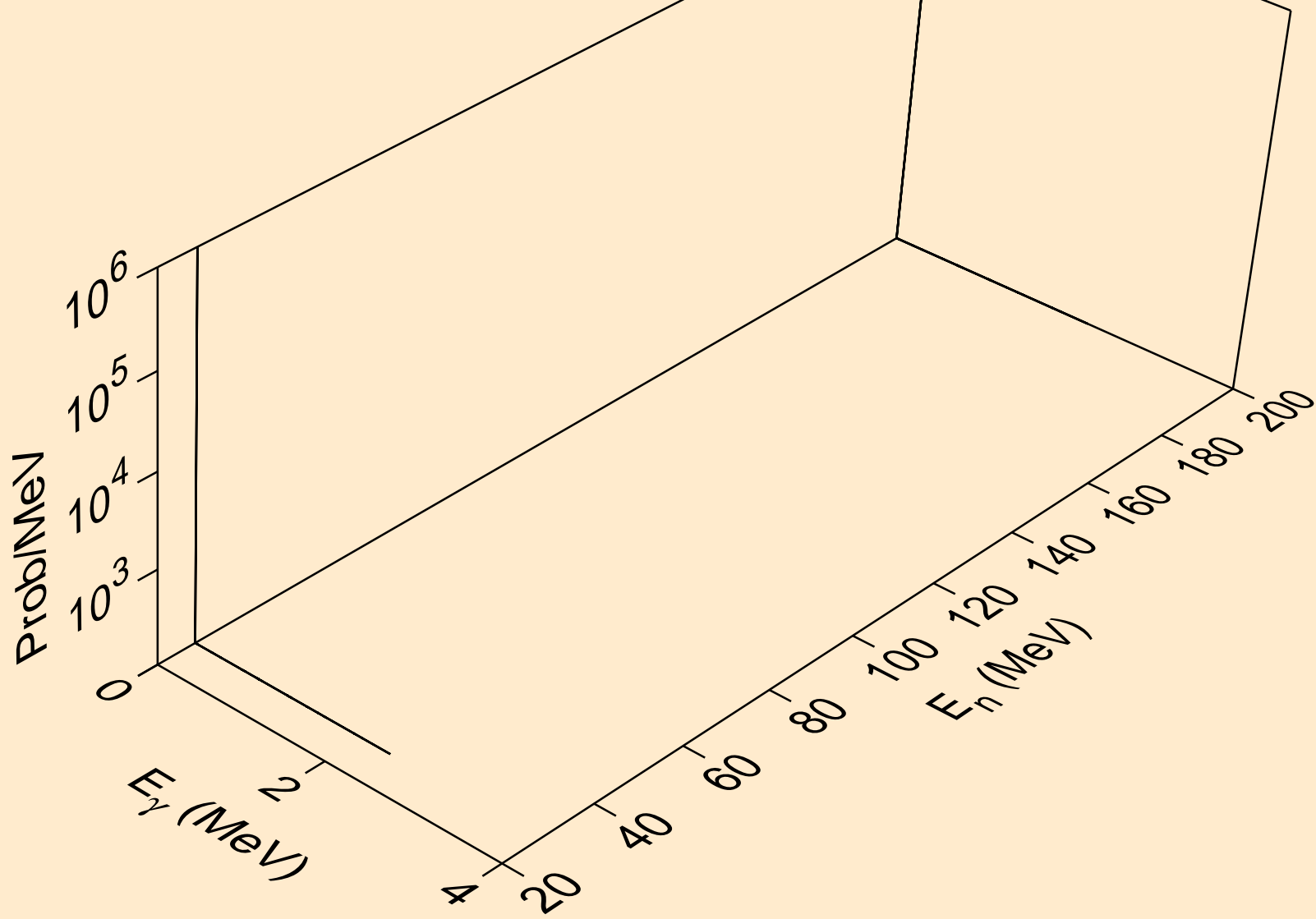
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



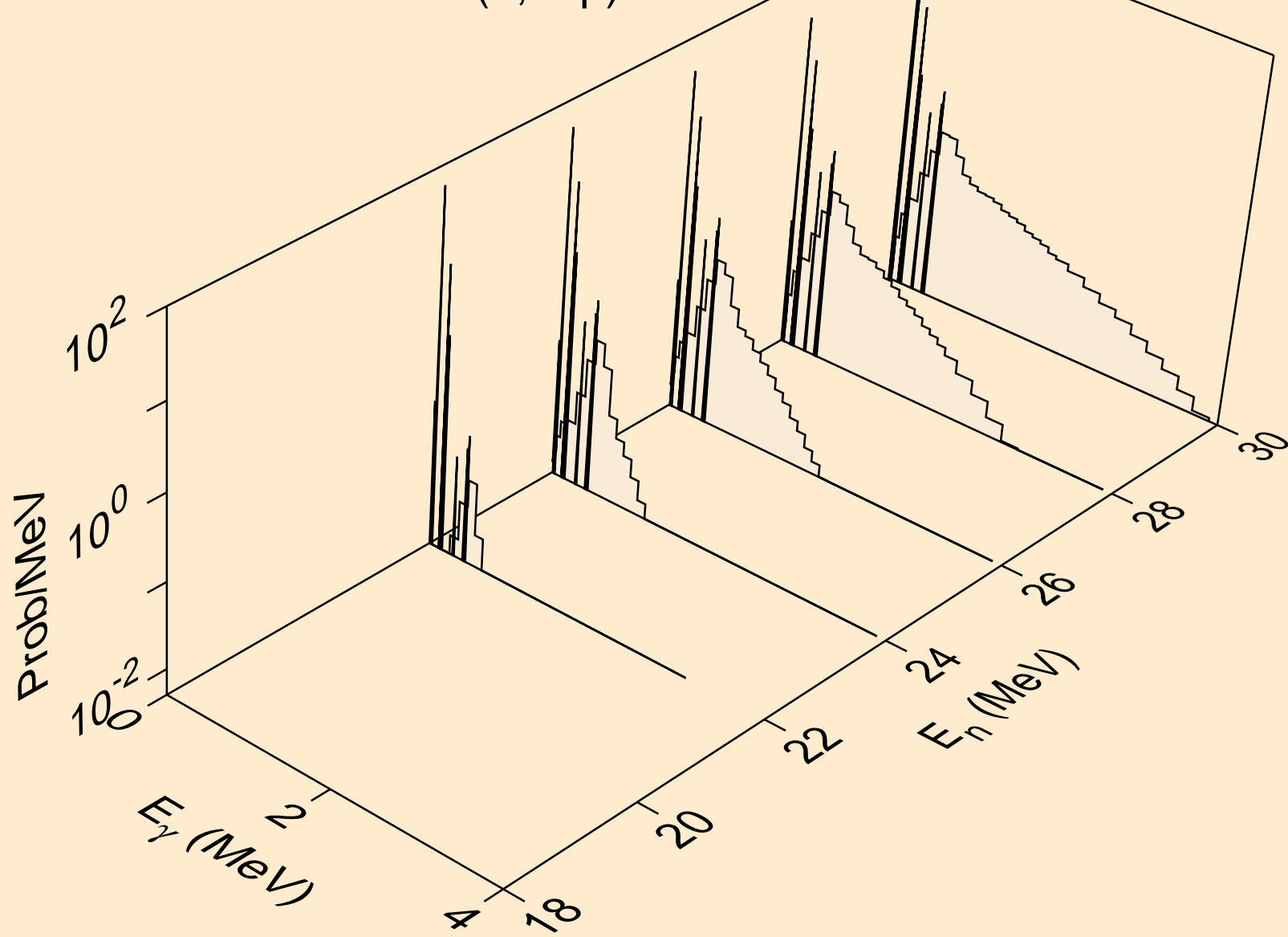
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



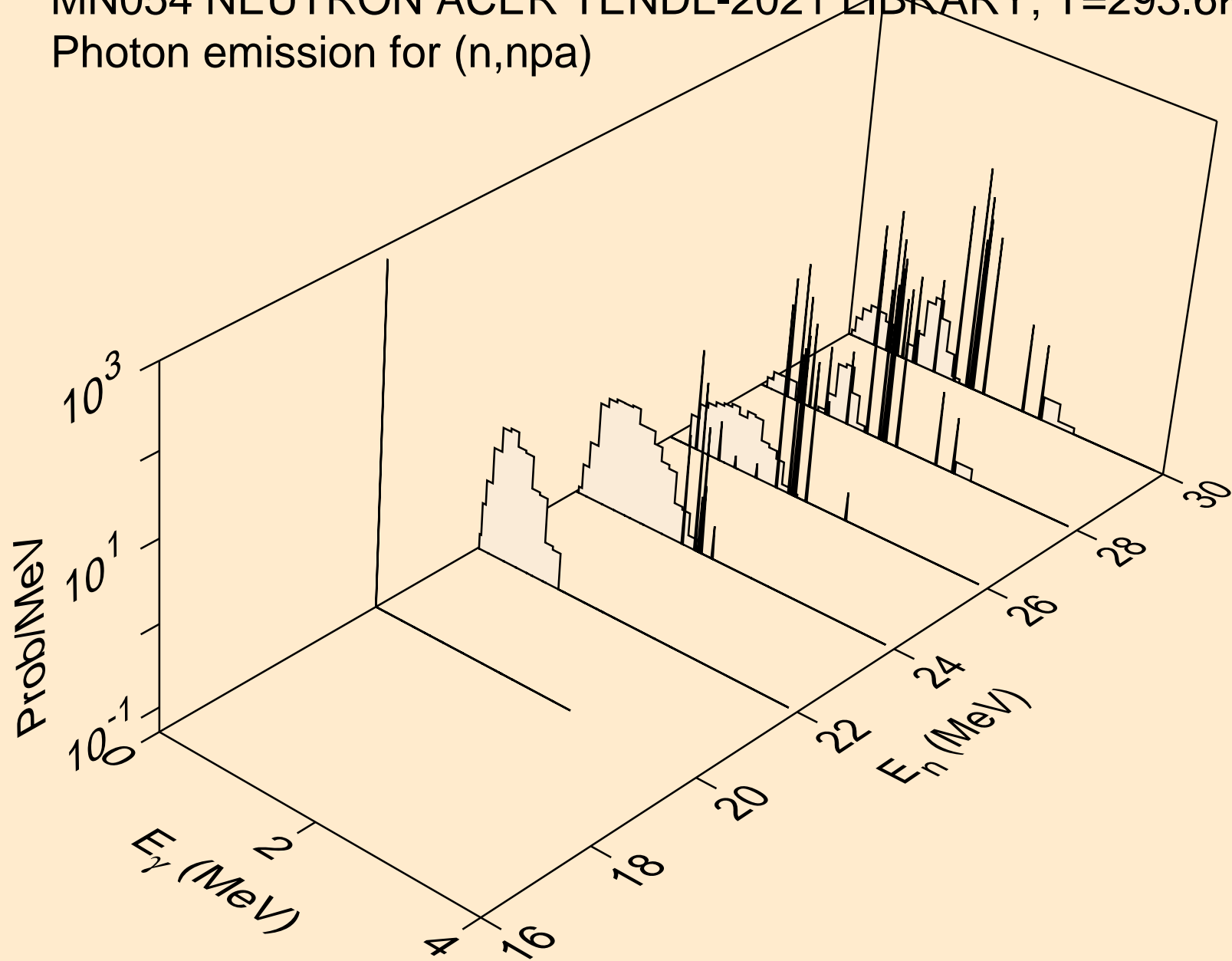
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



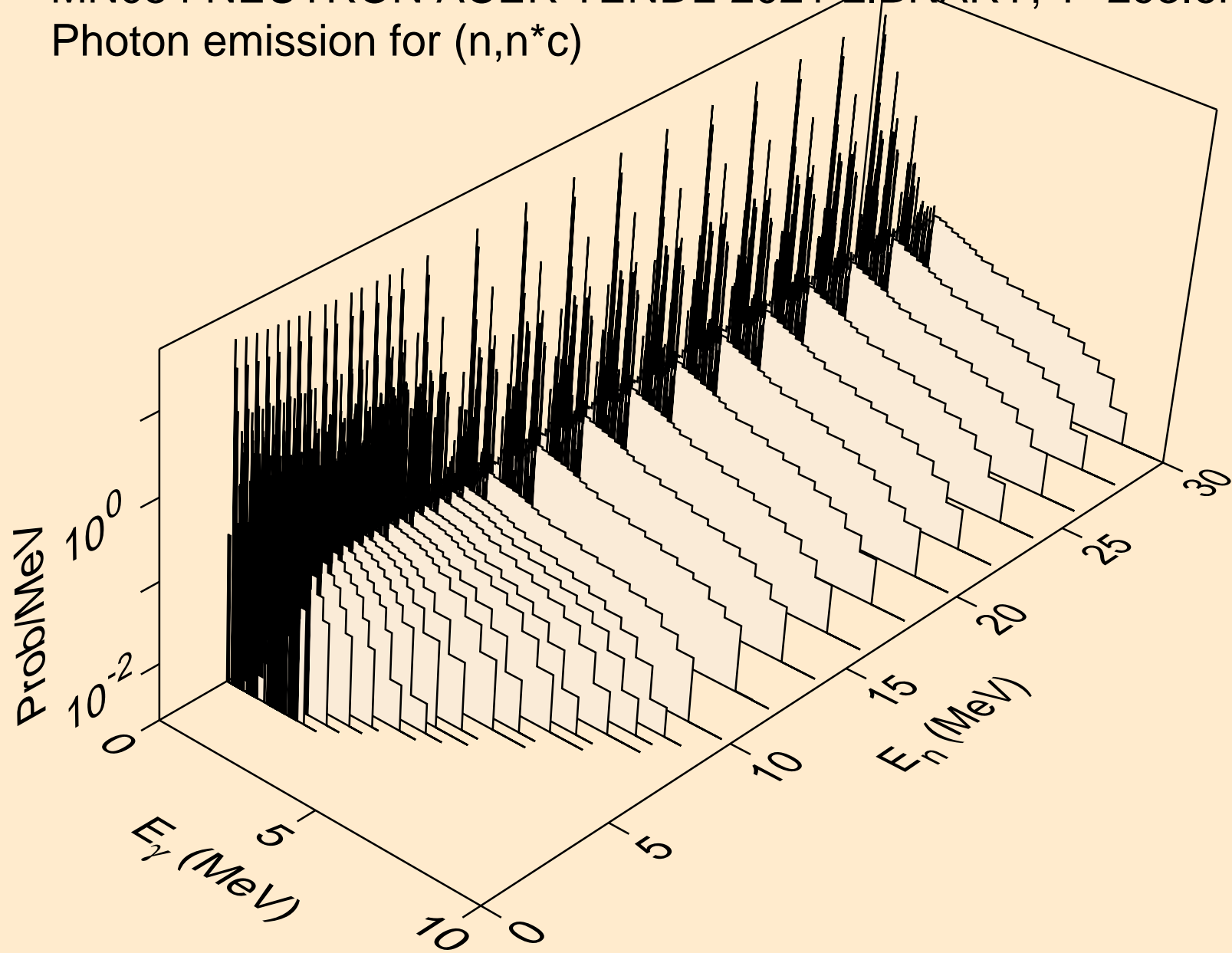
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)

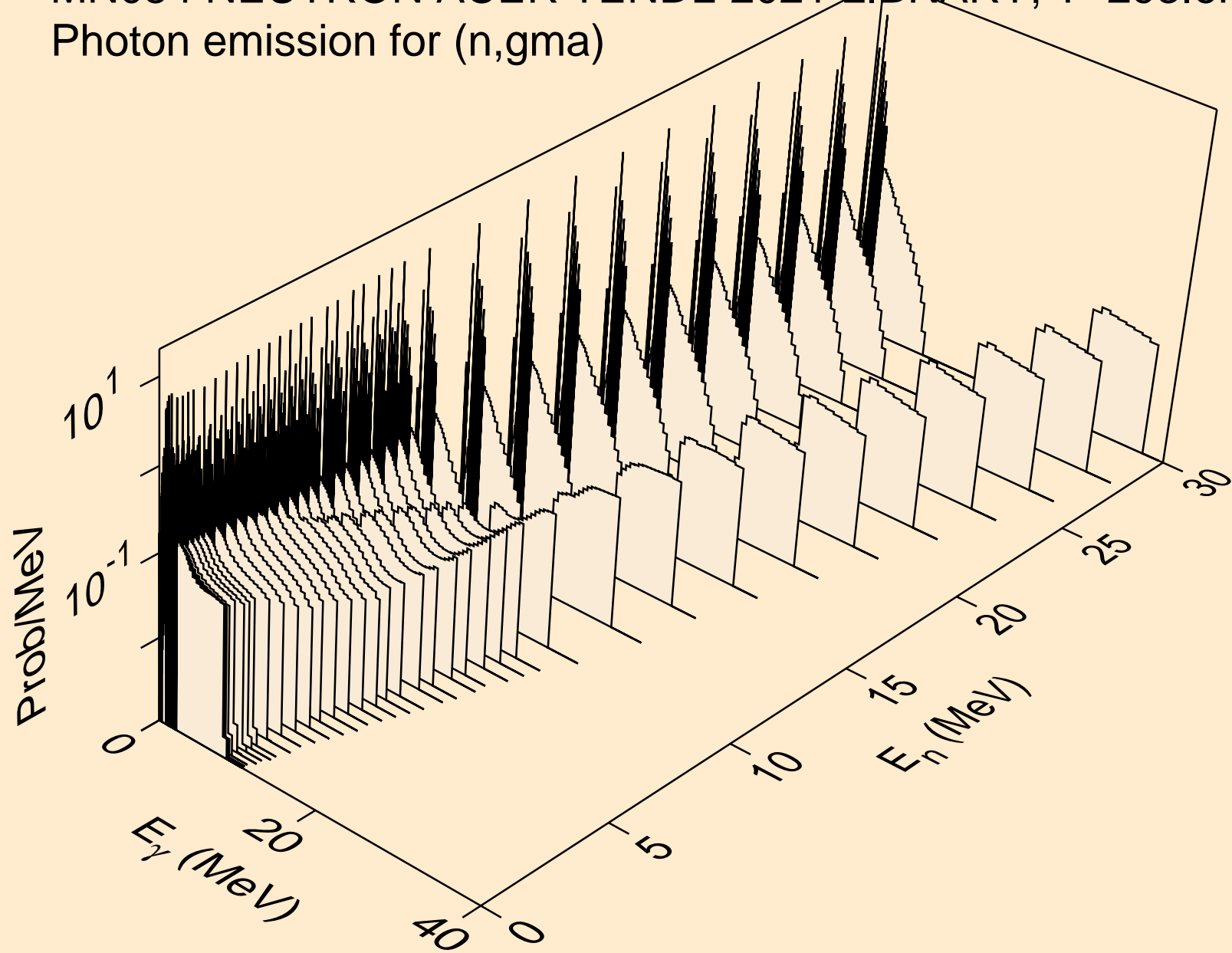


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

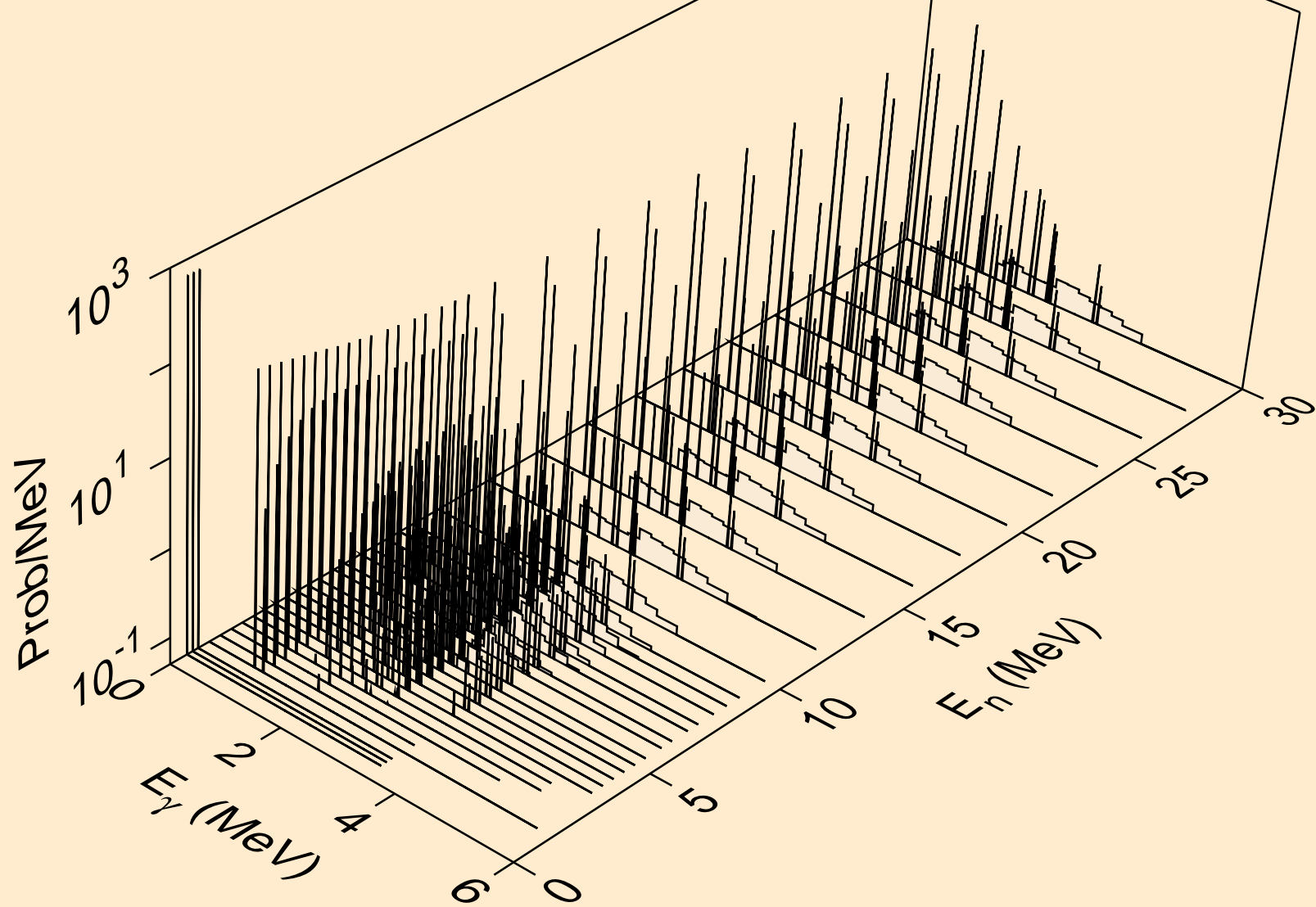




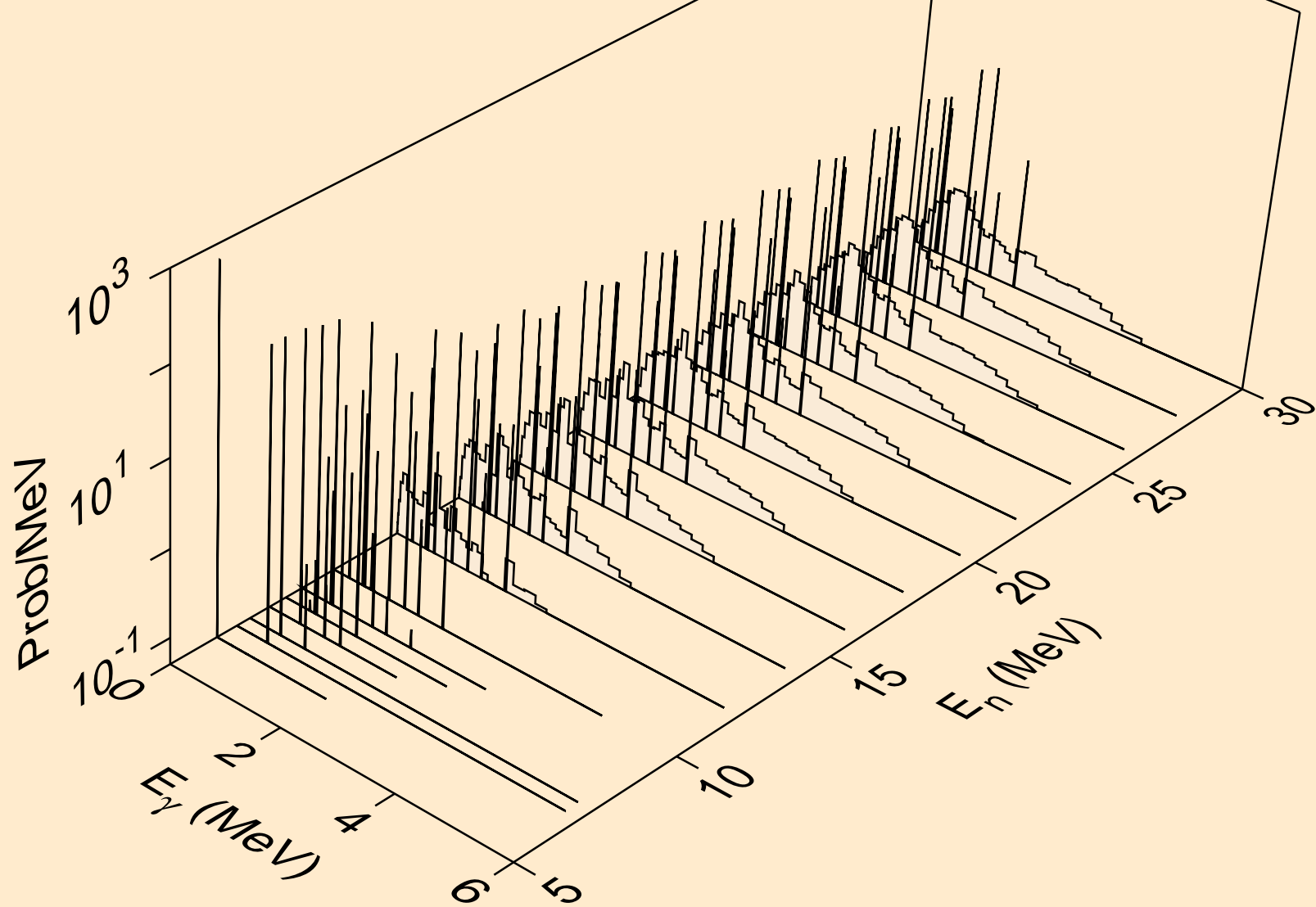
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



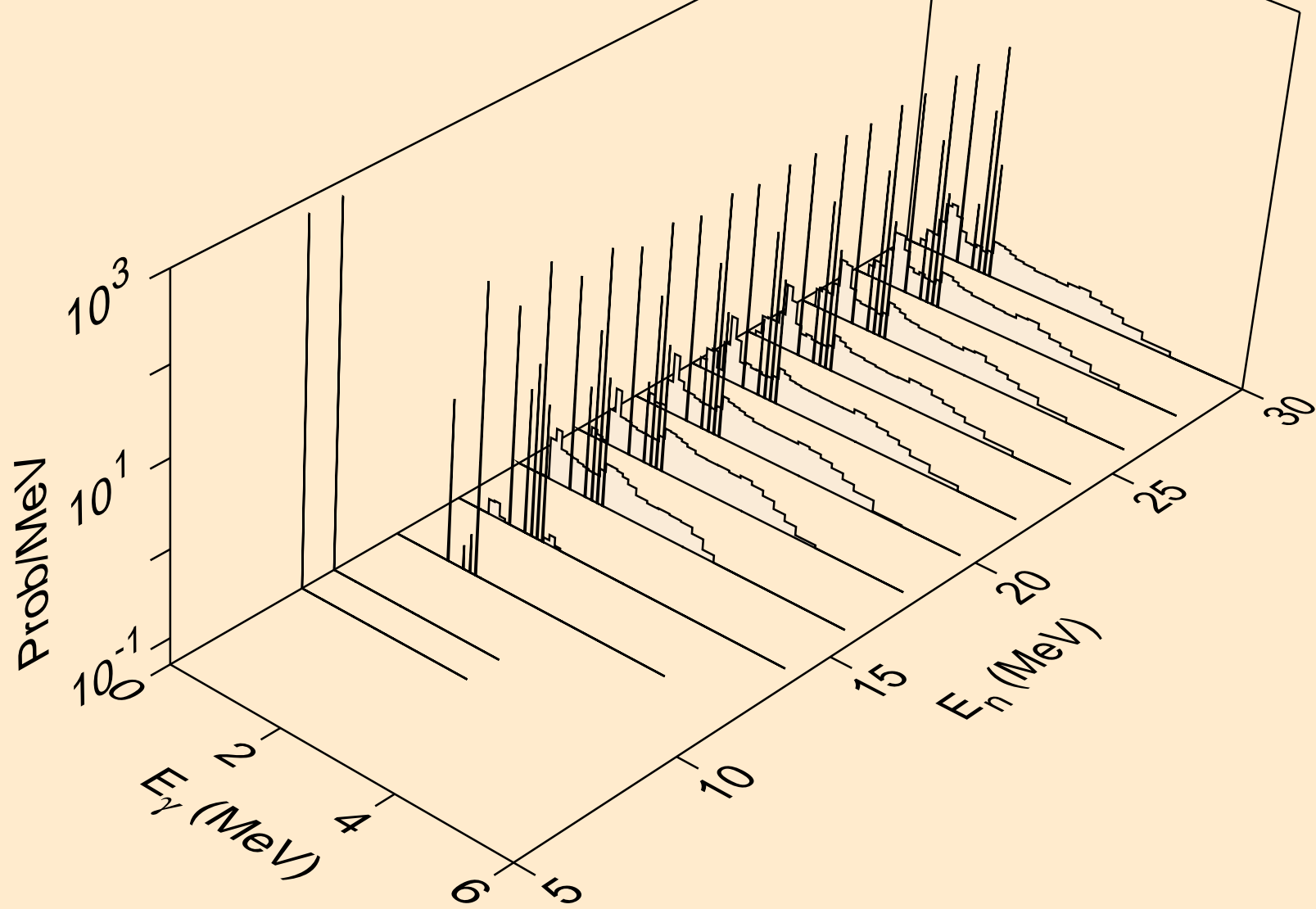
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



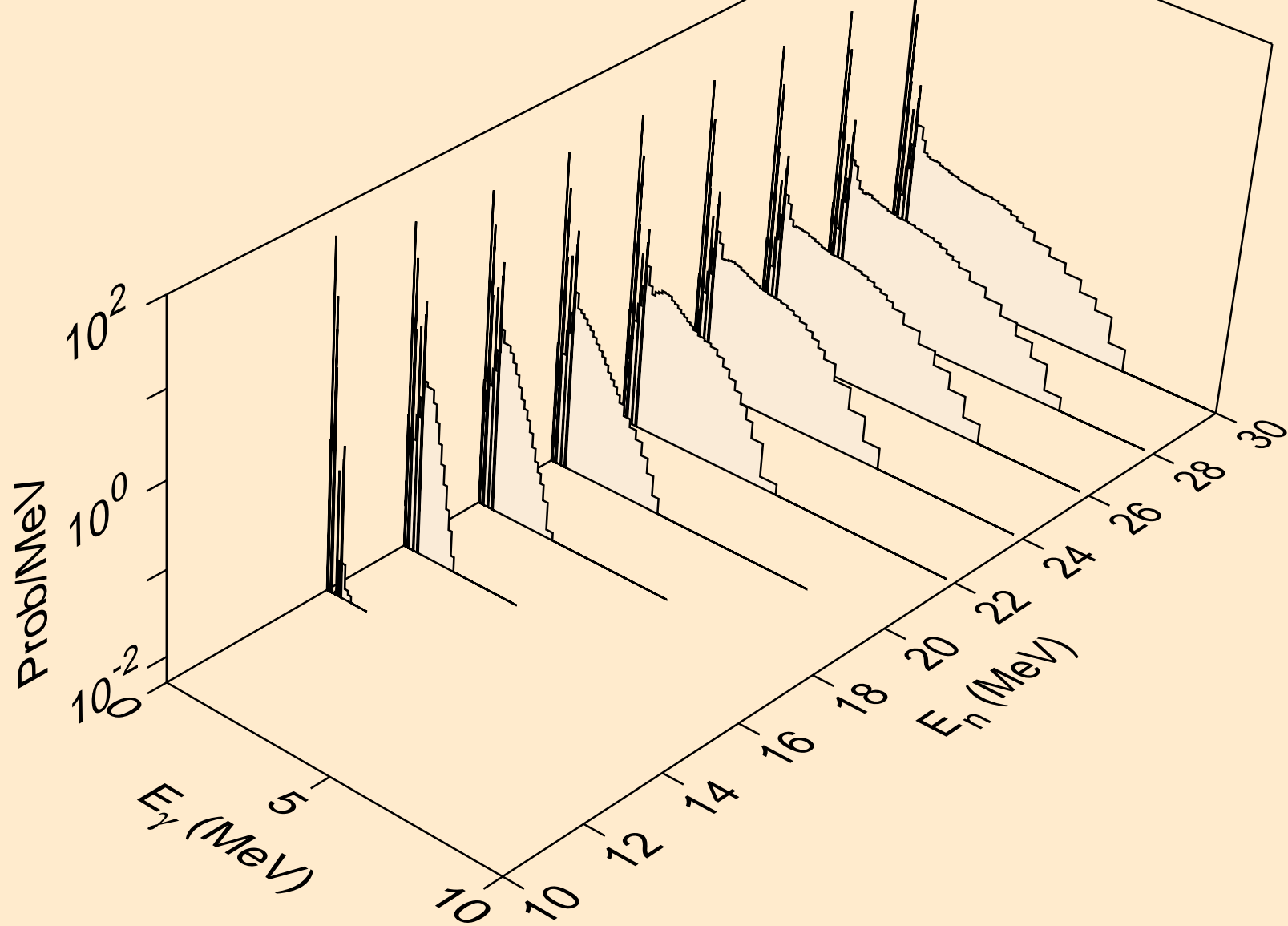
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



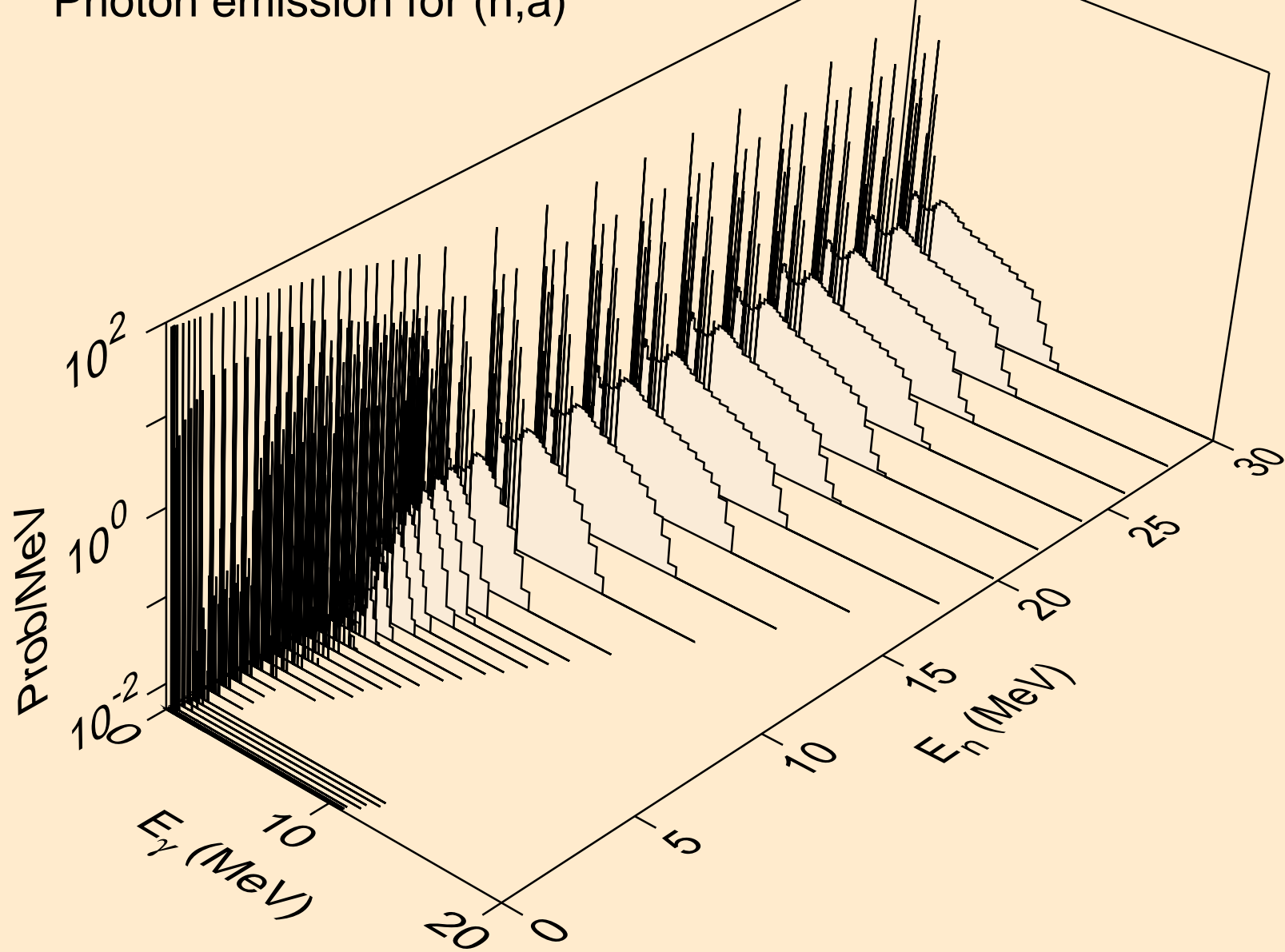
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



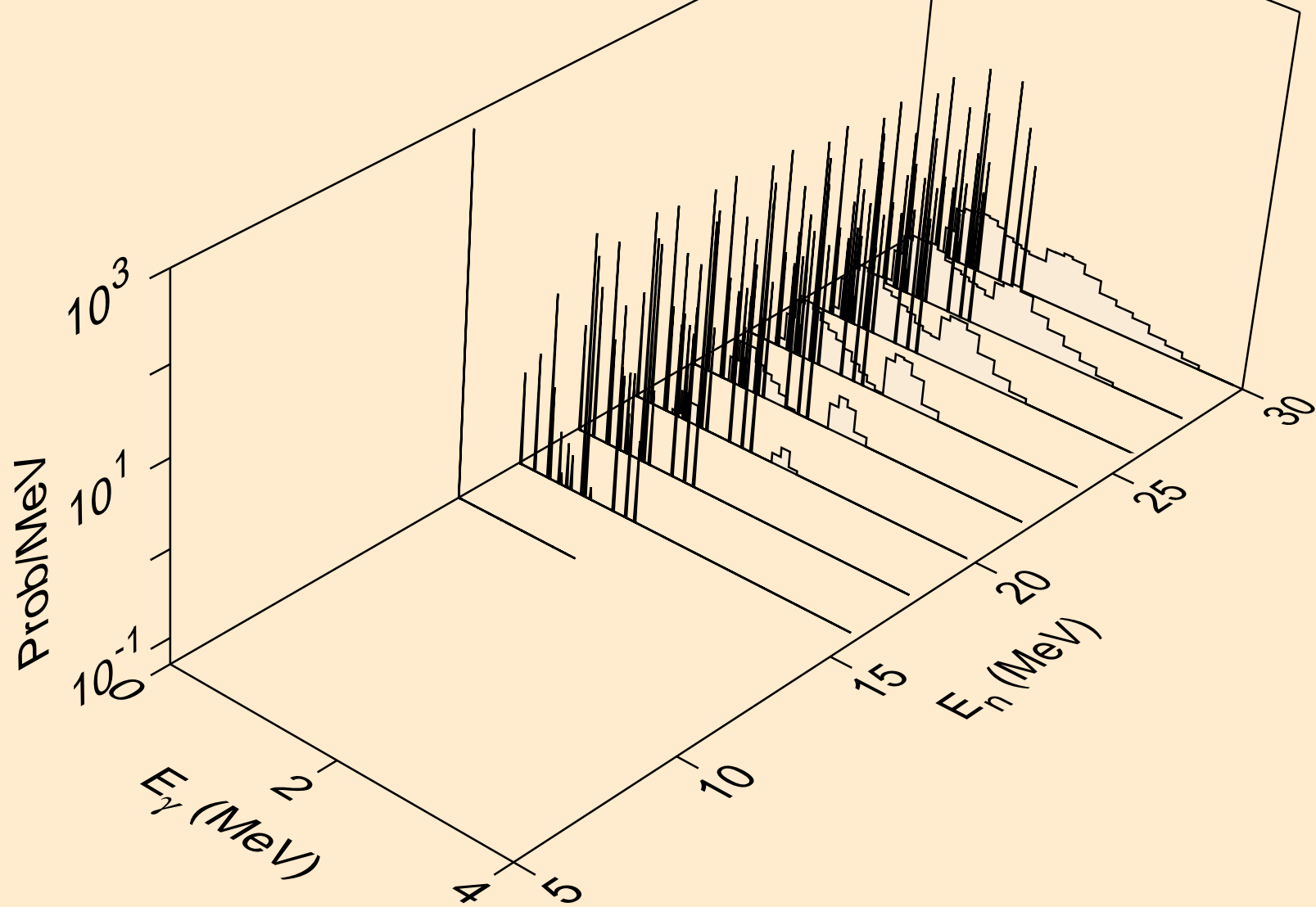
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



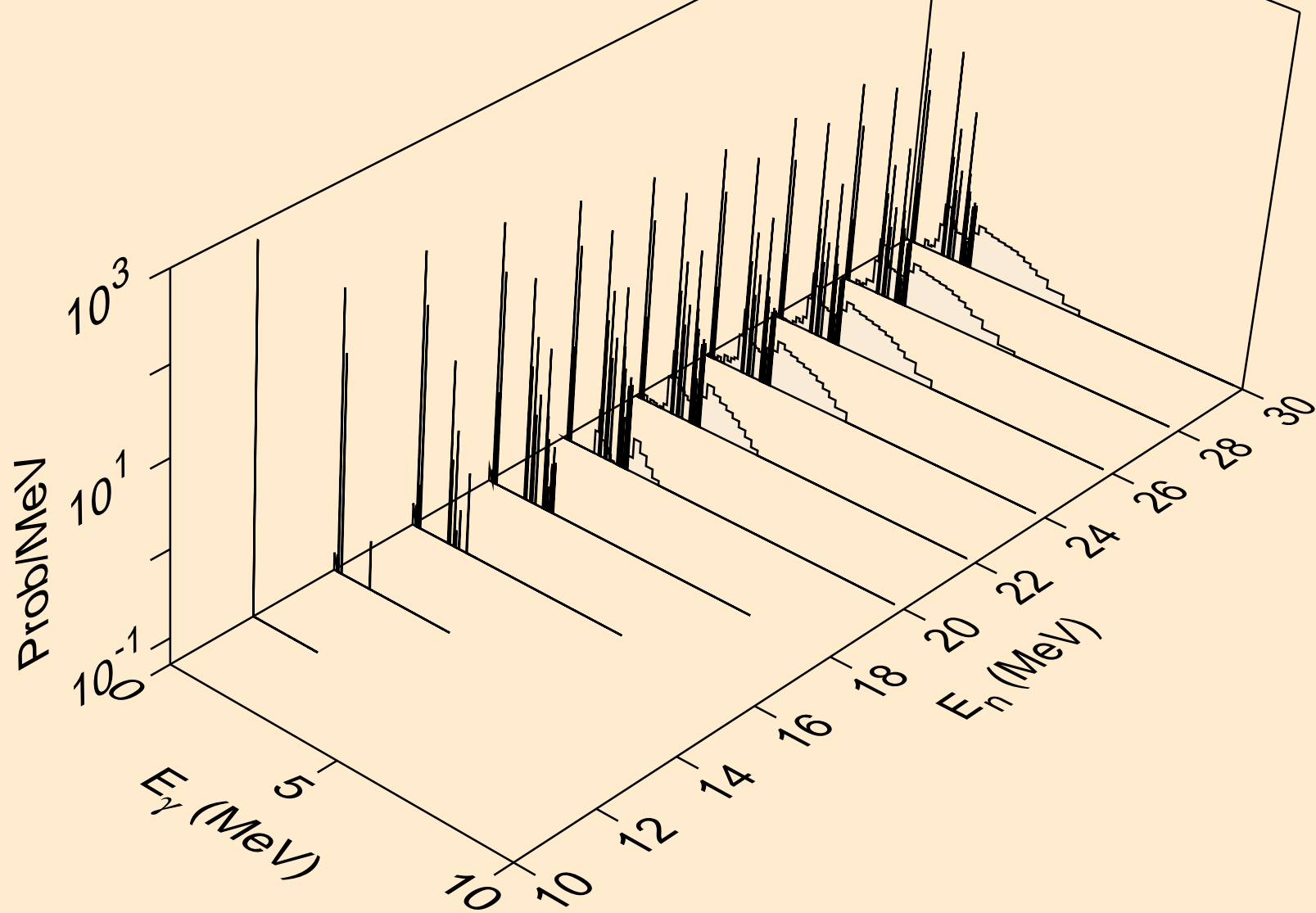
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)

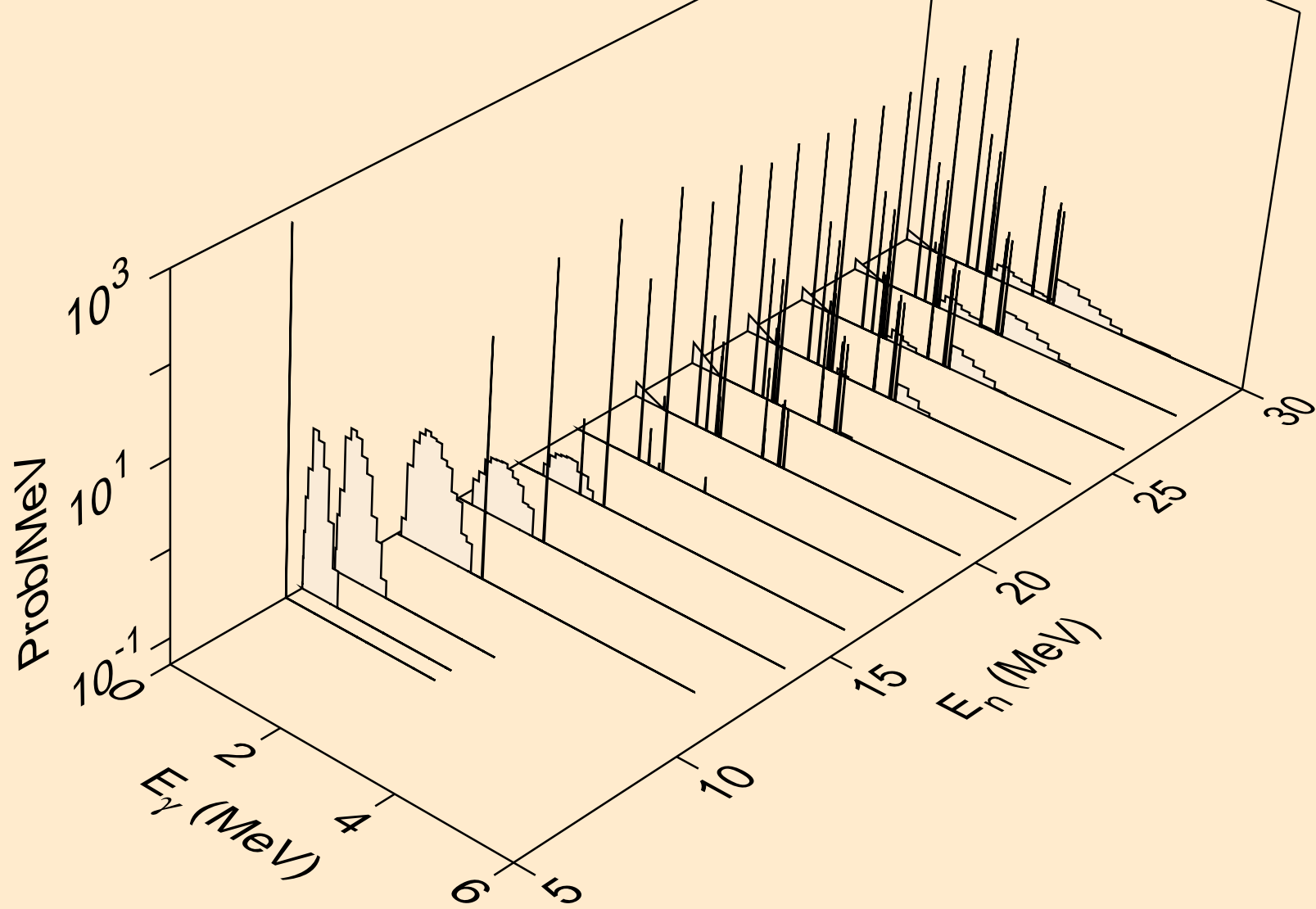


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

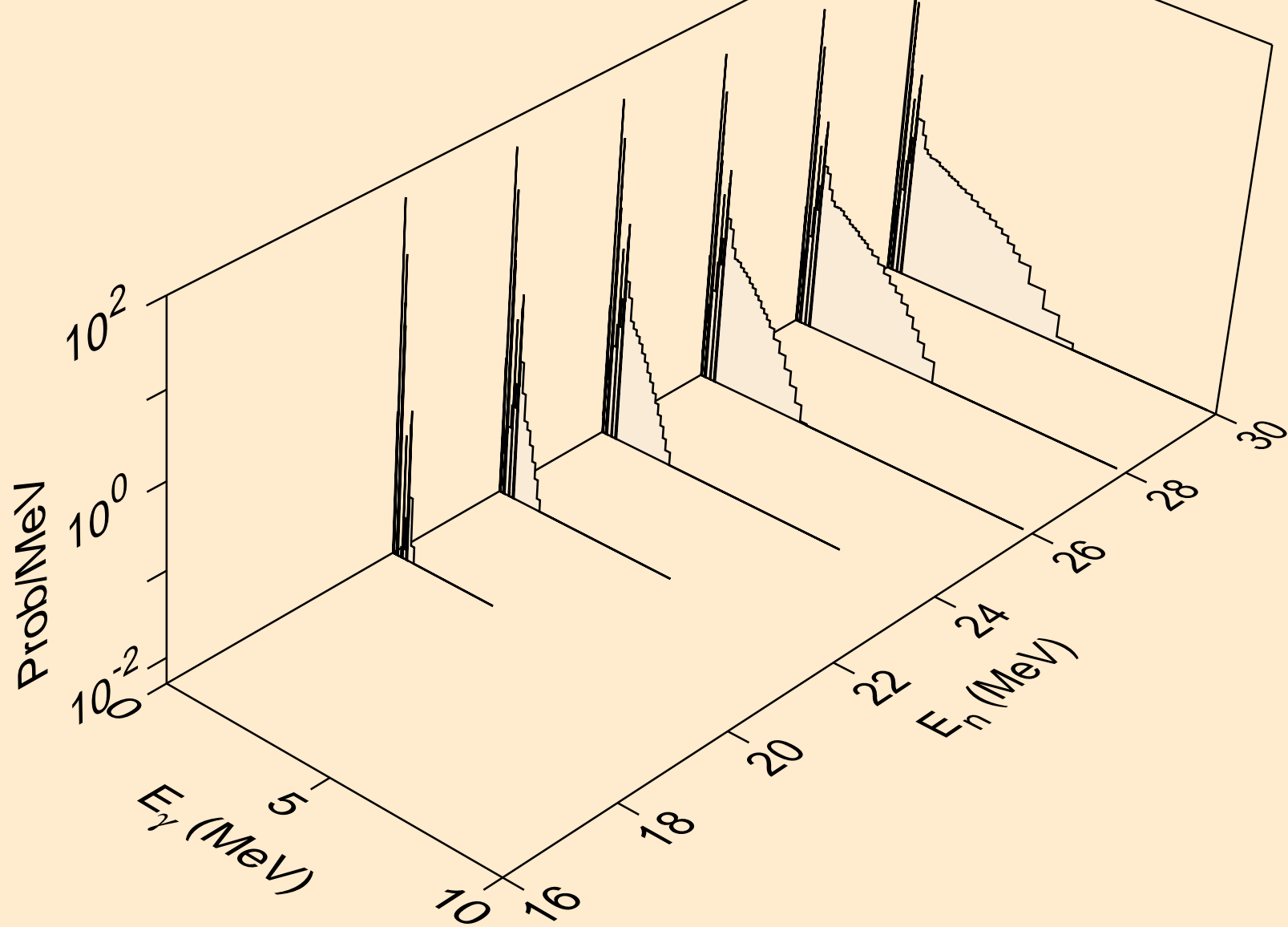




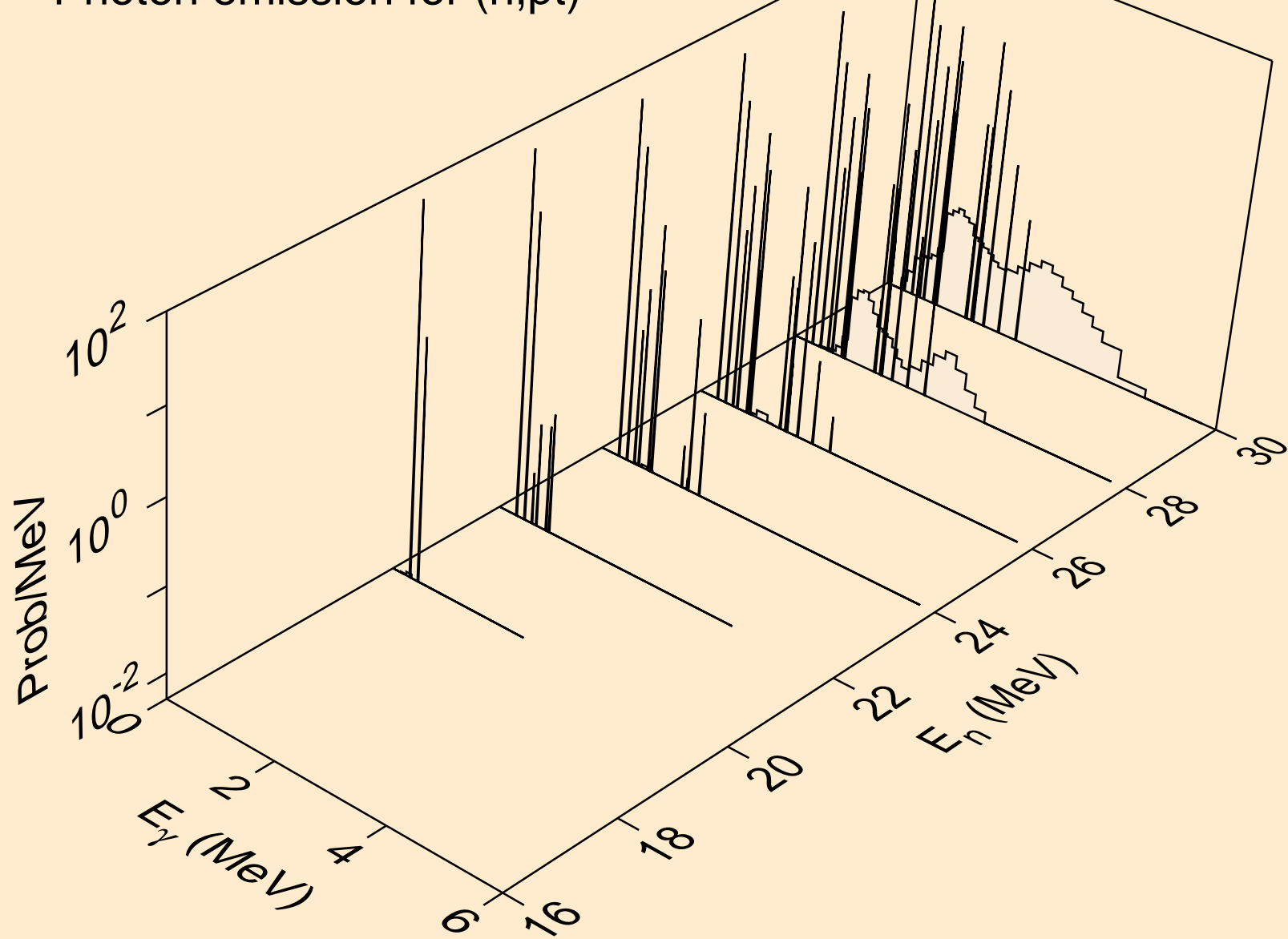
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



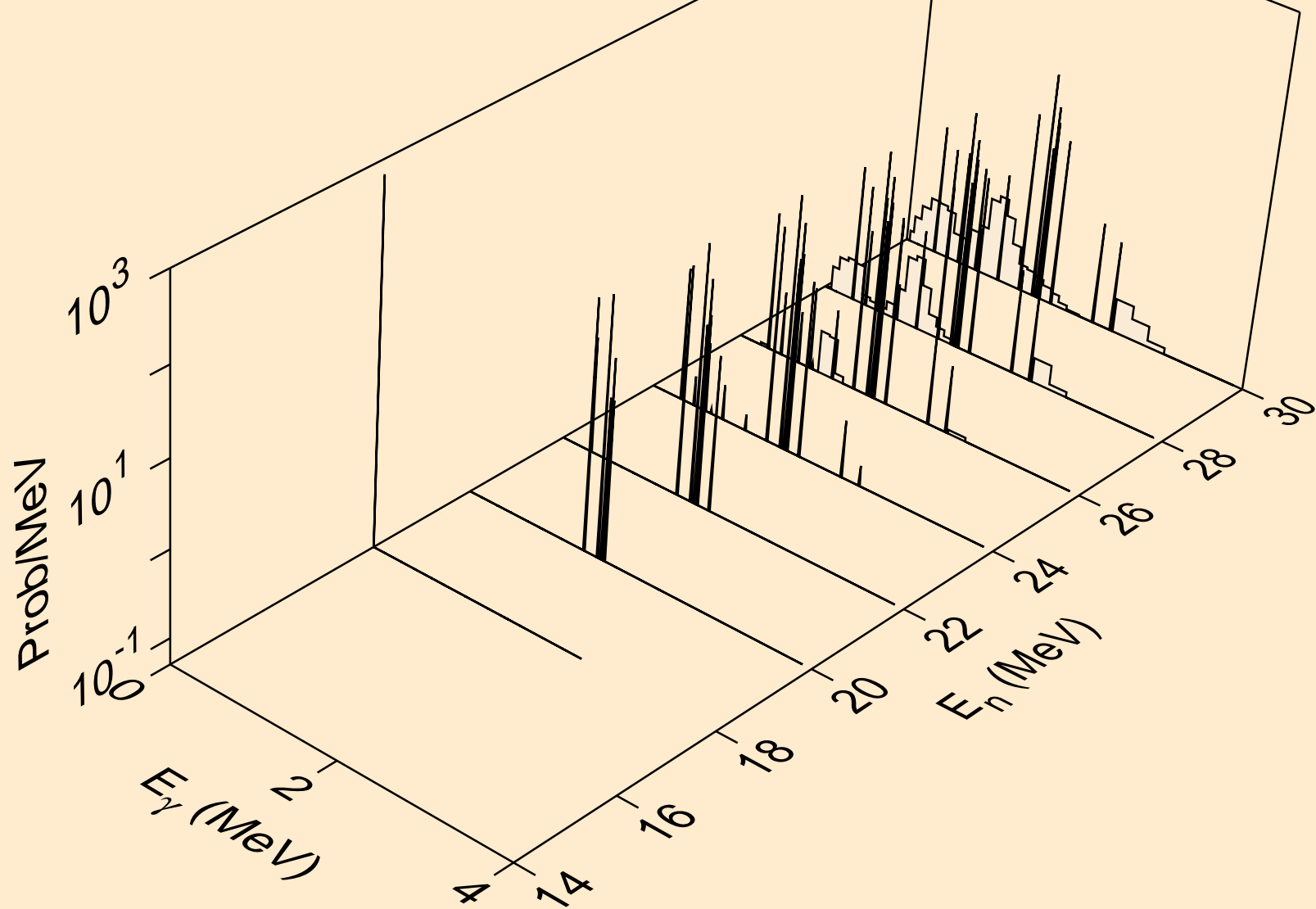
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



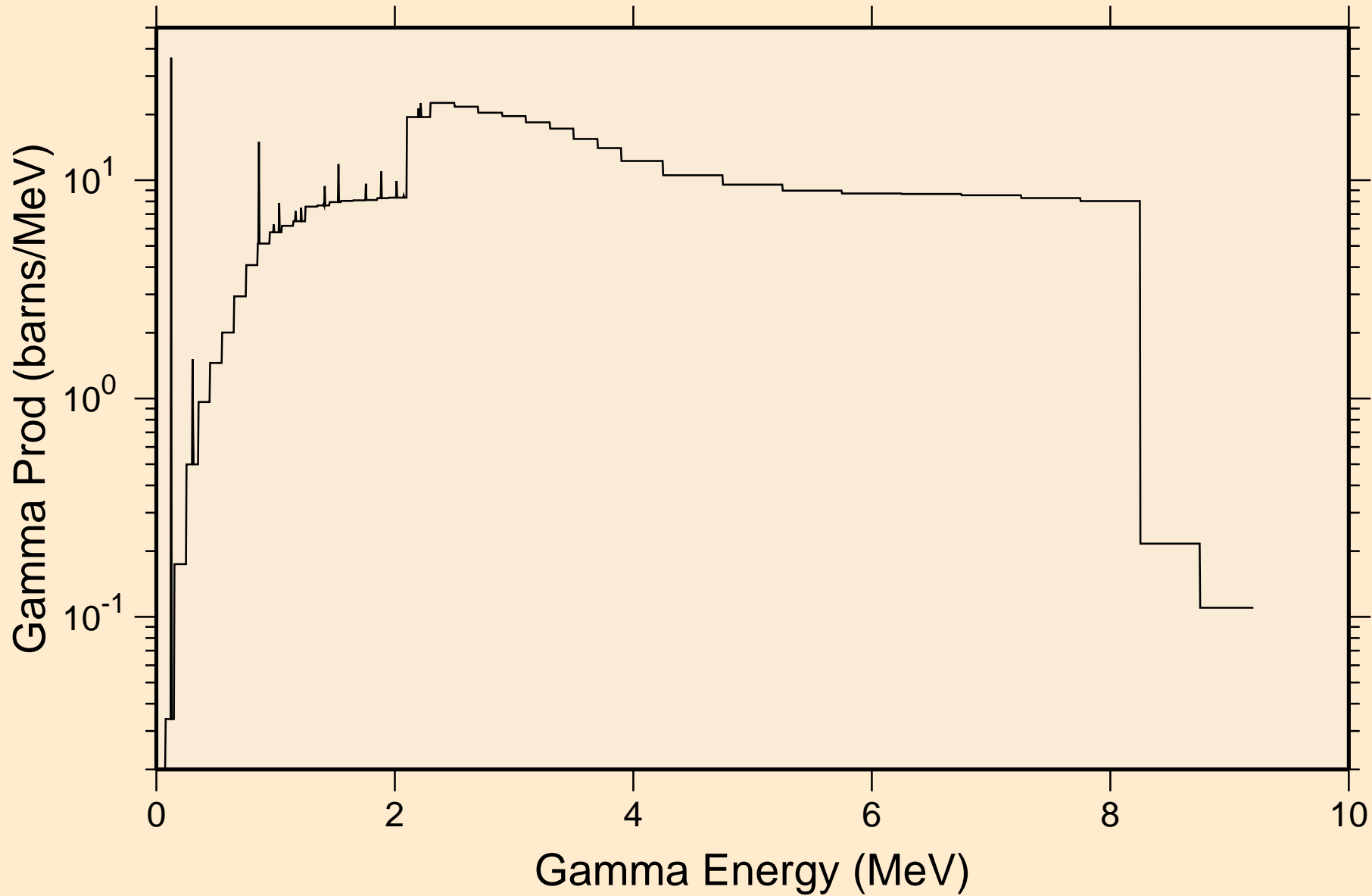
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



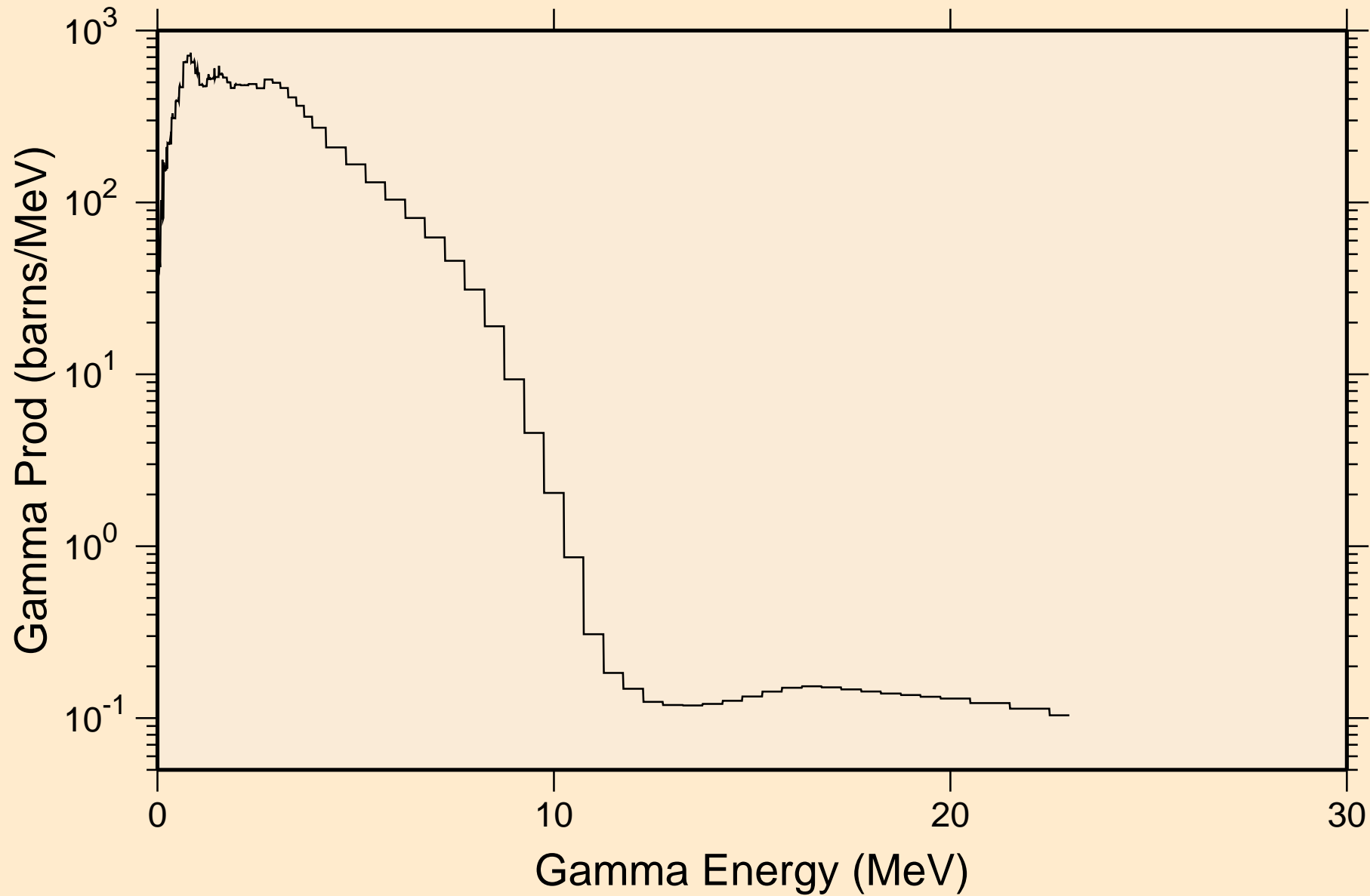
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

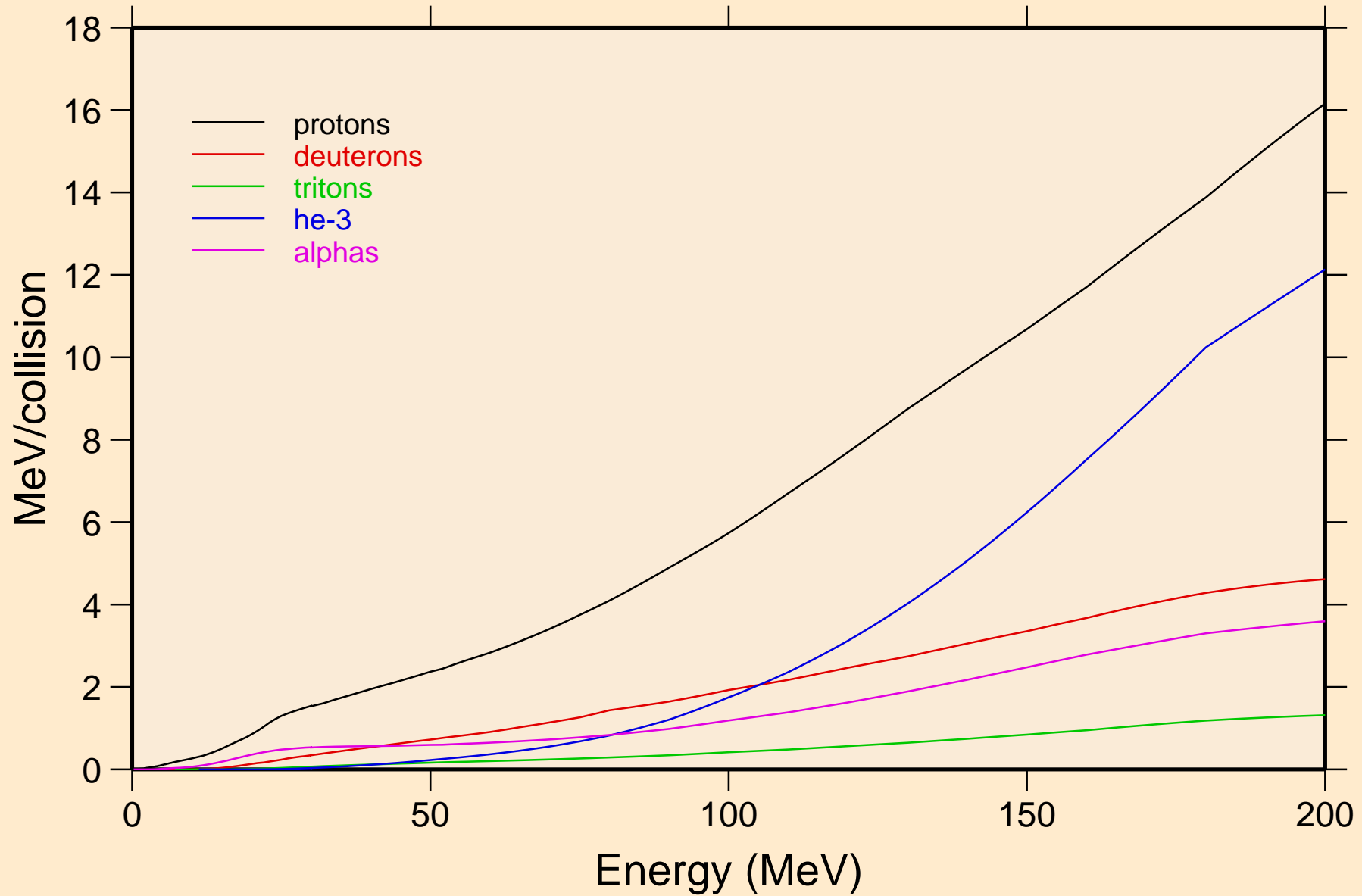


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

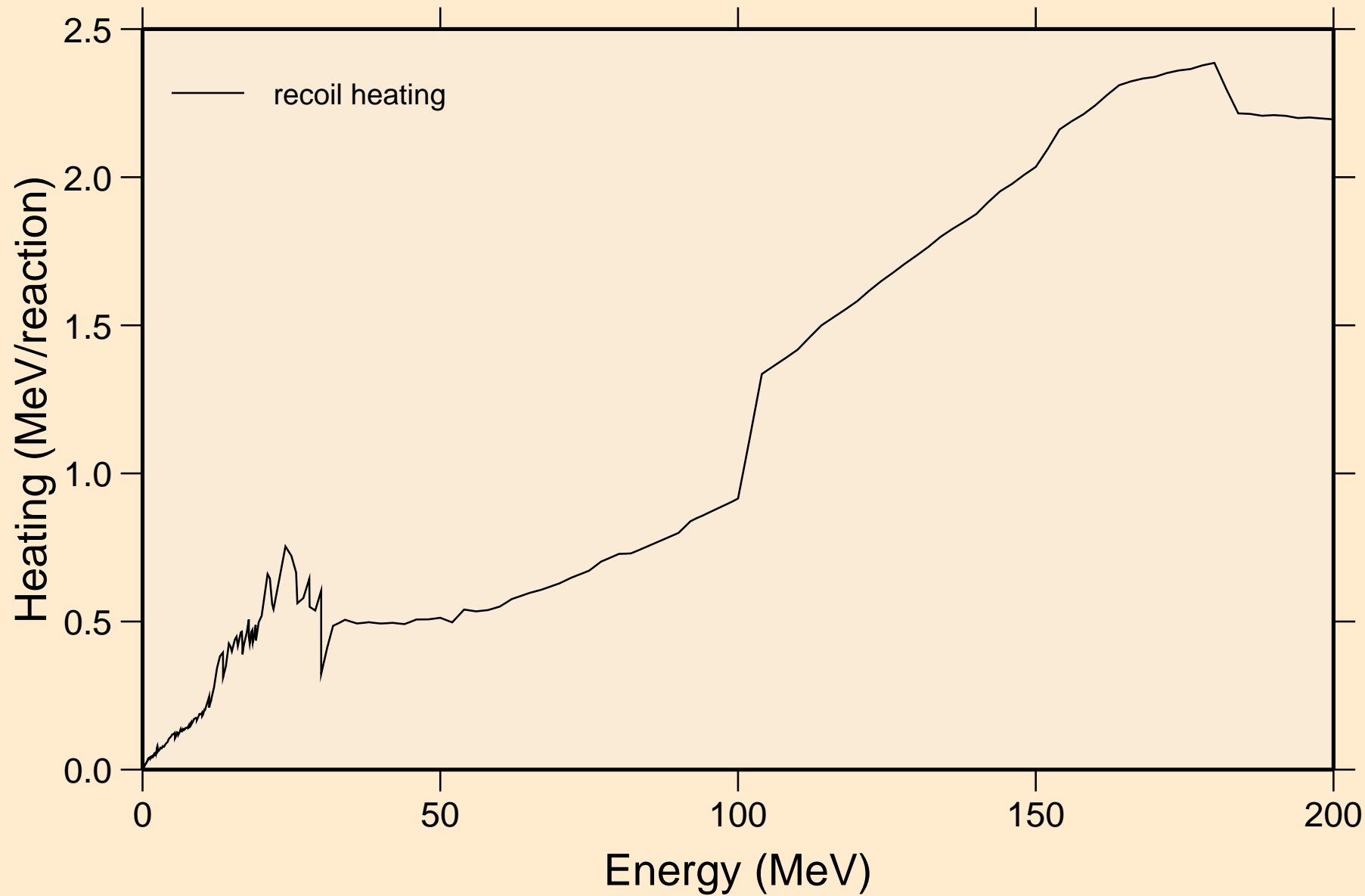


# MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

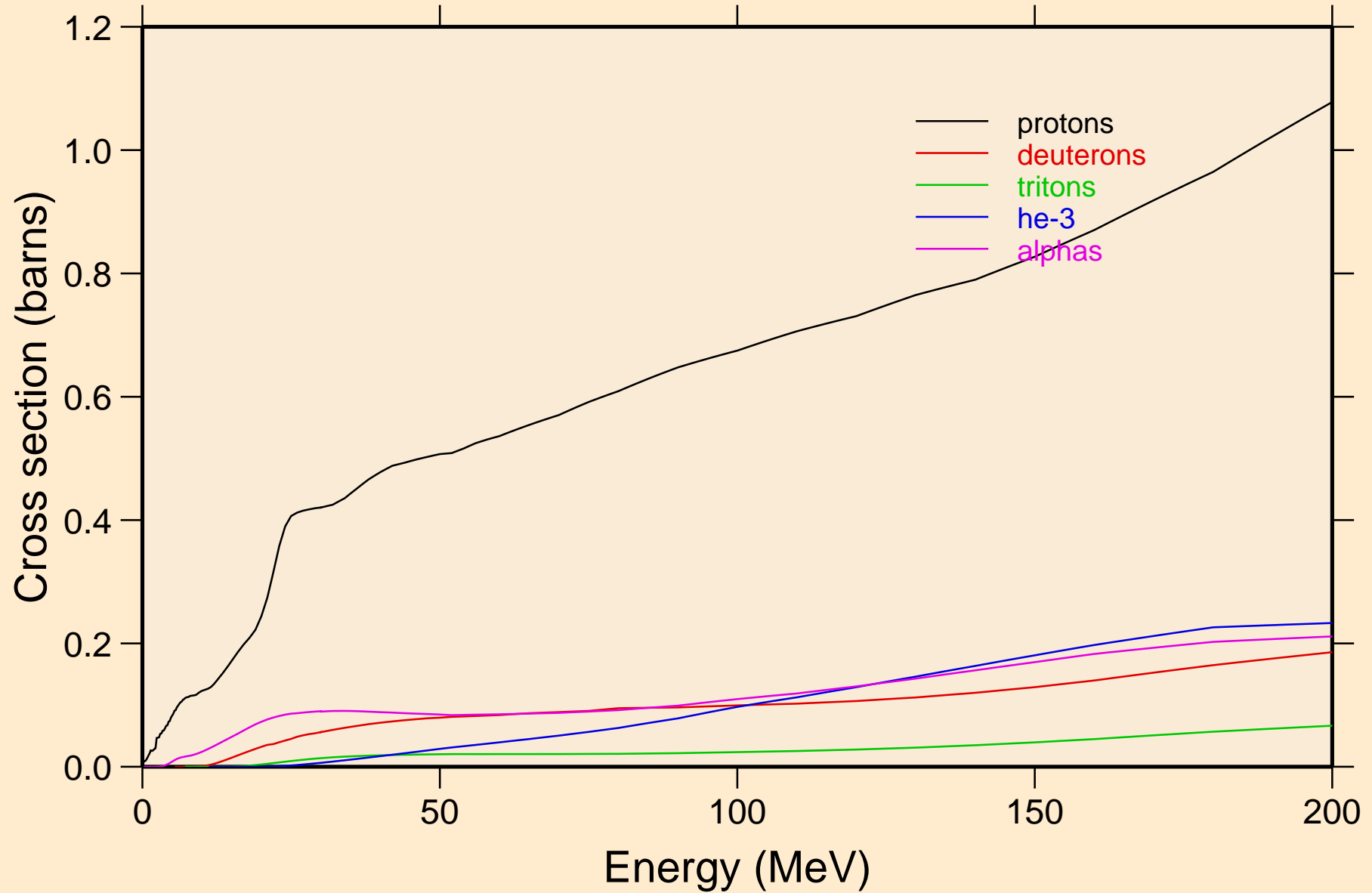


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

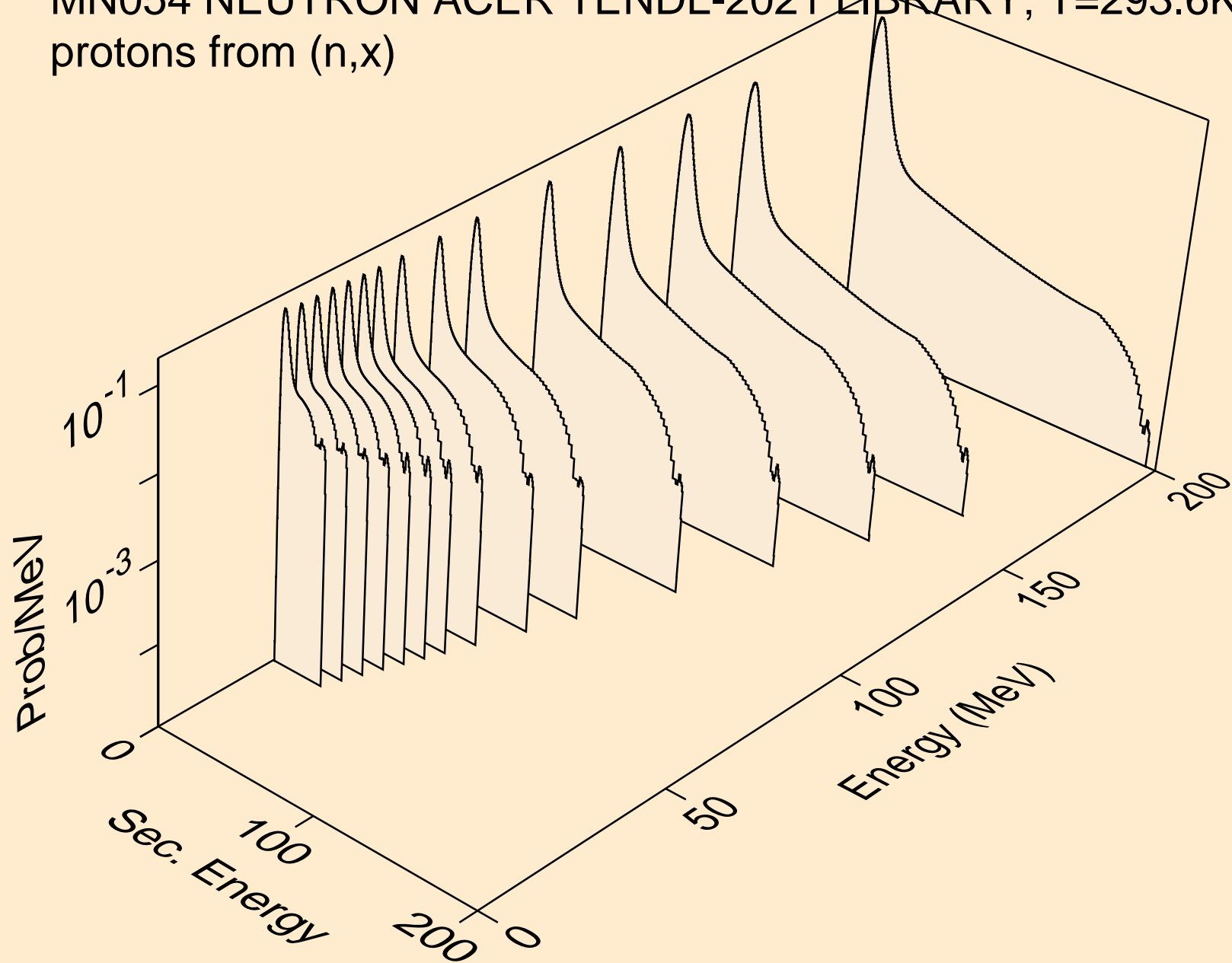




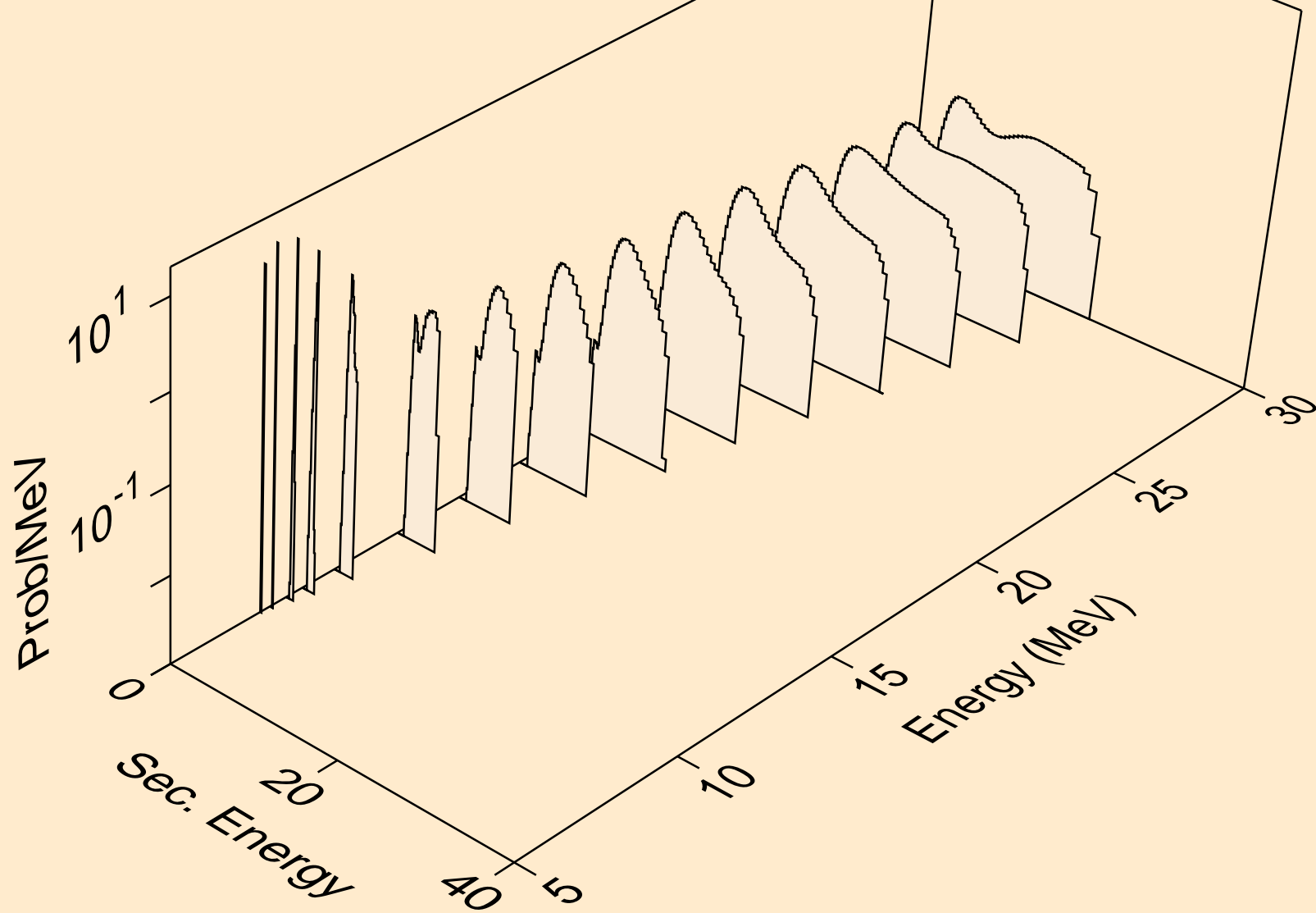
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



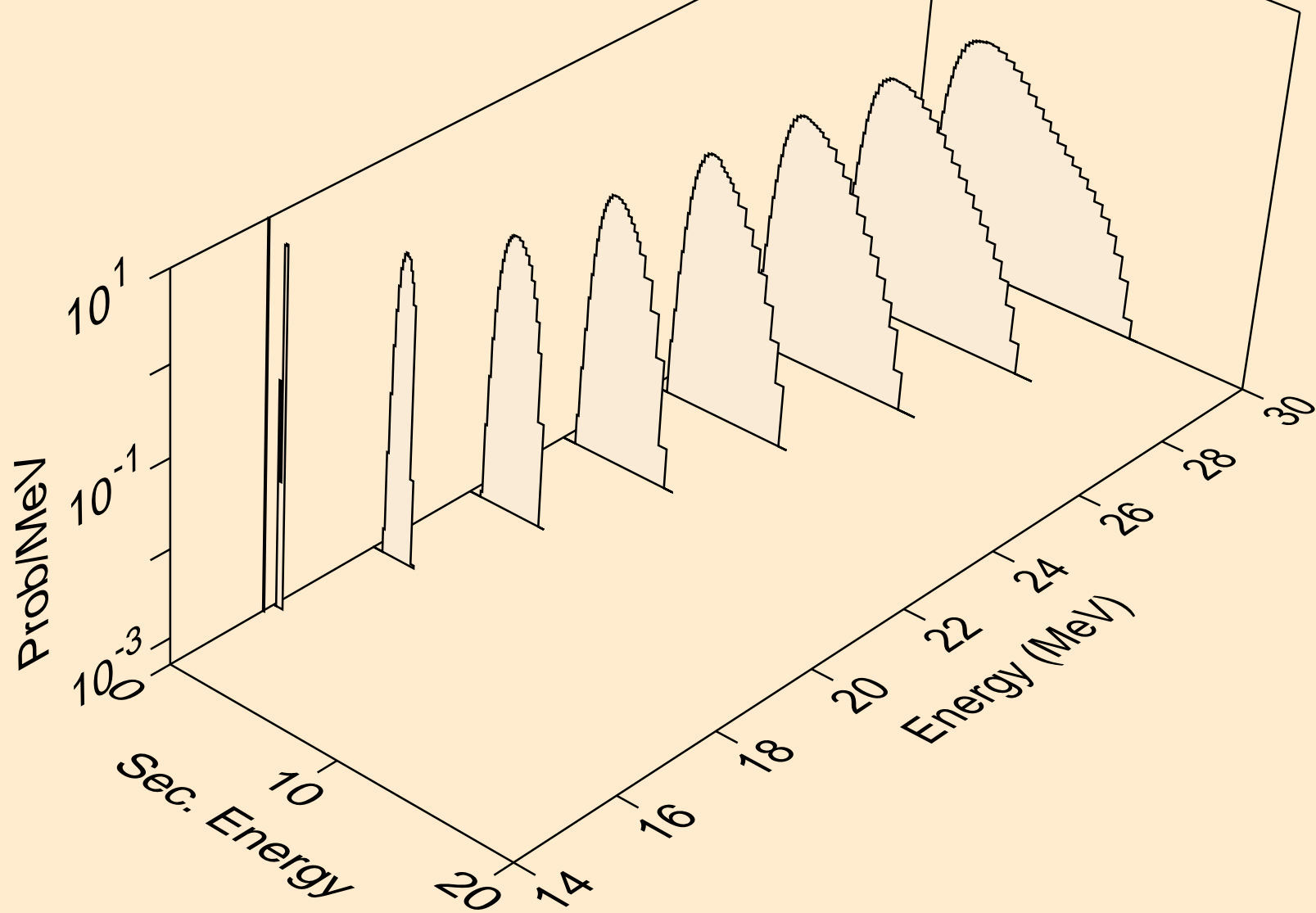
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



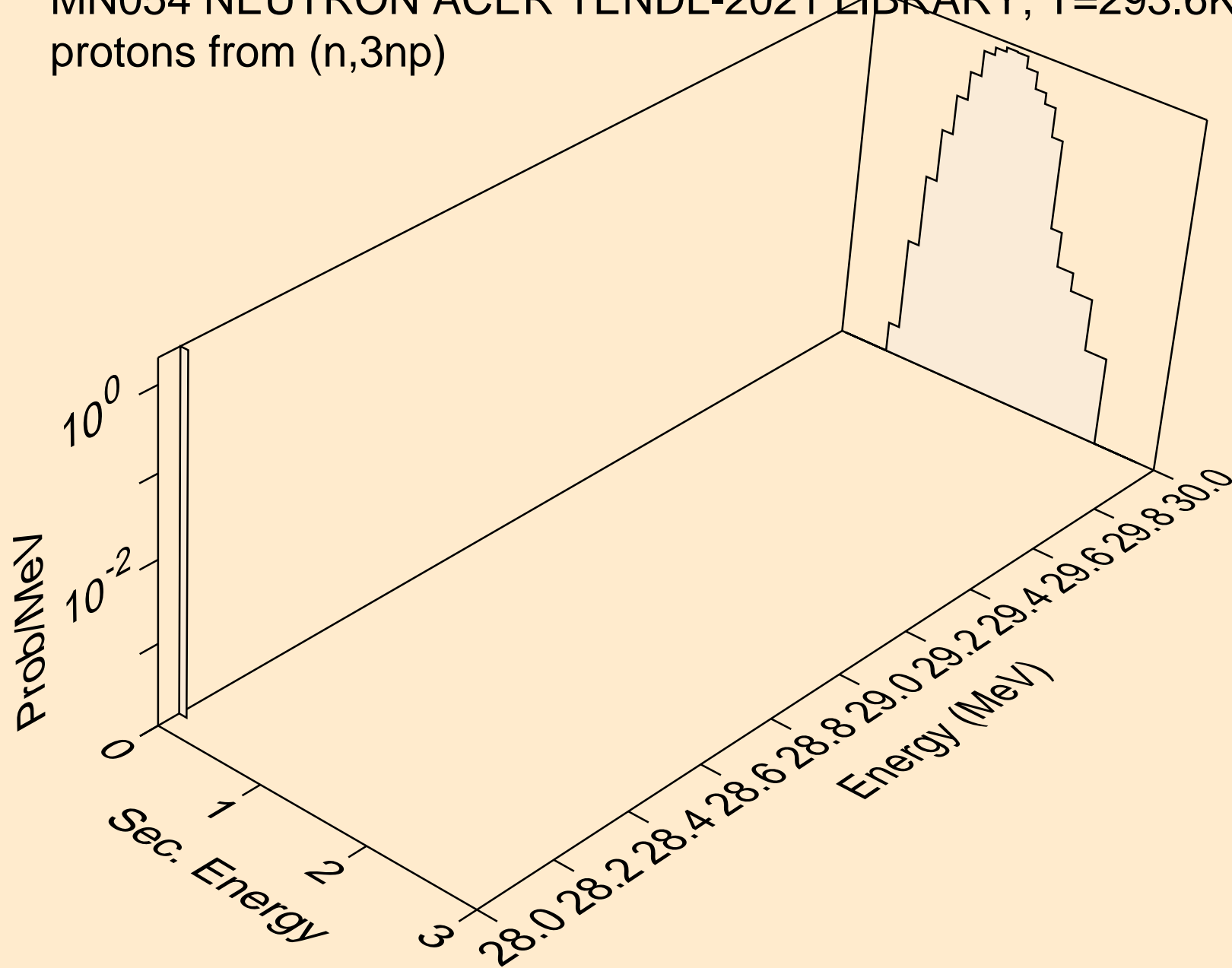
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



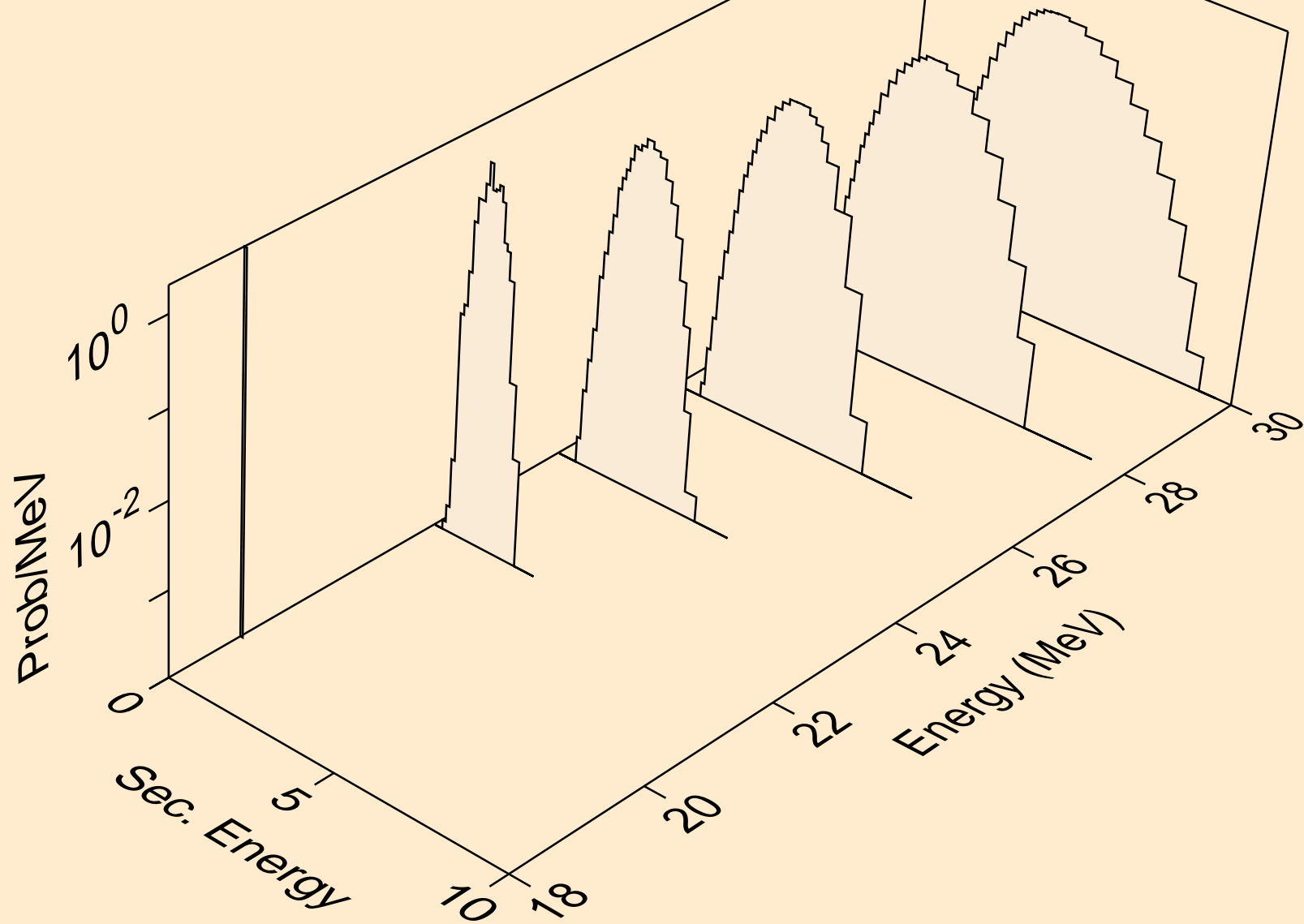
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



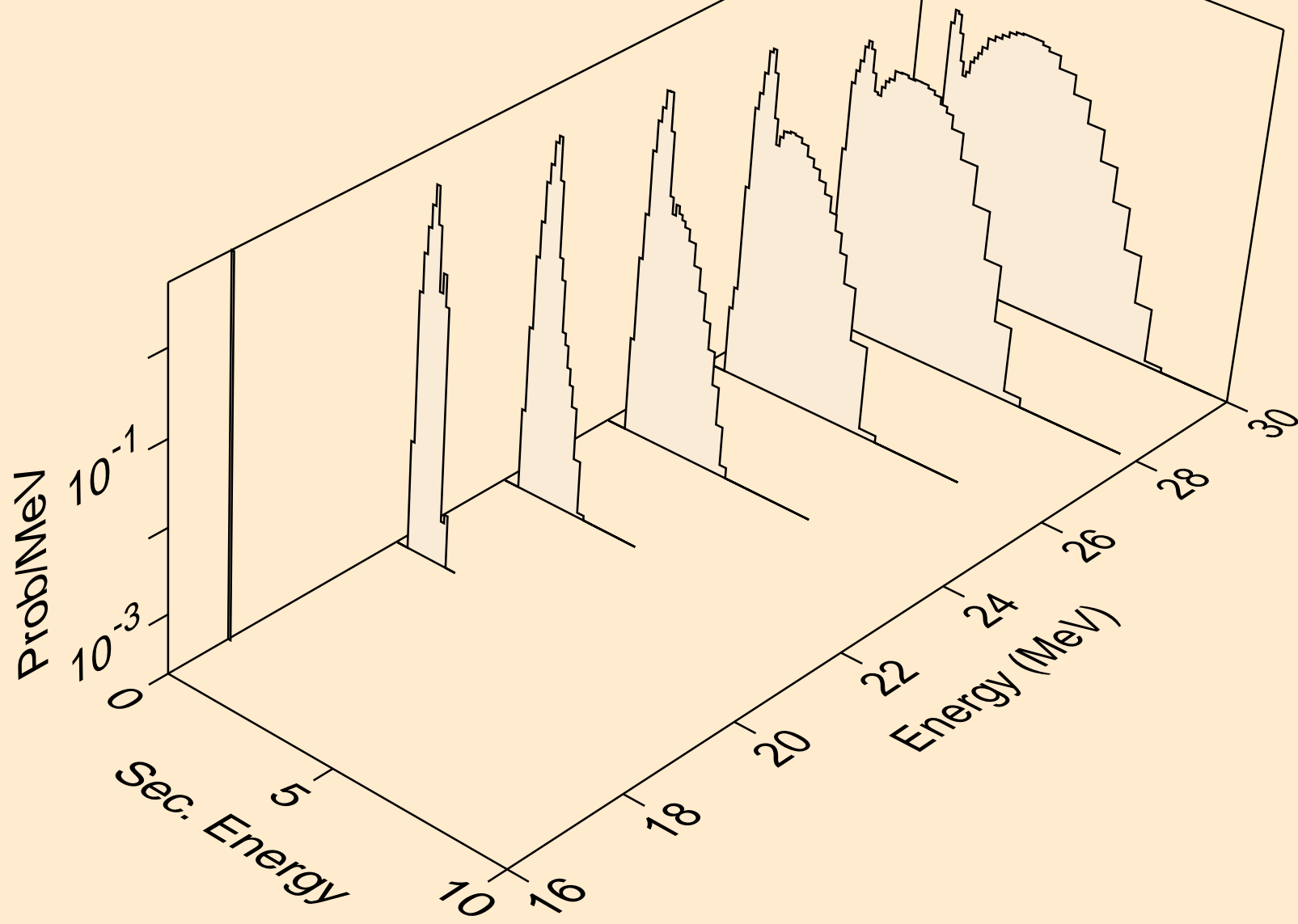
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



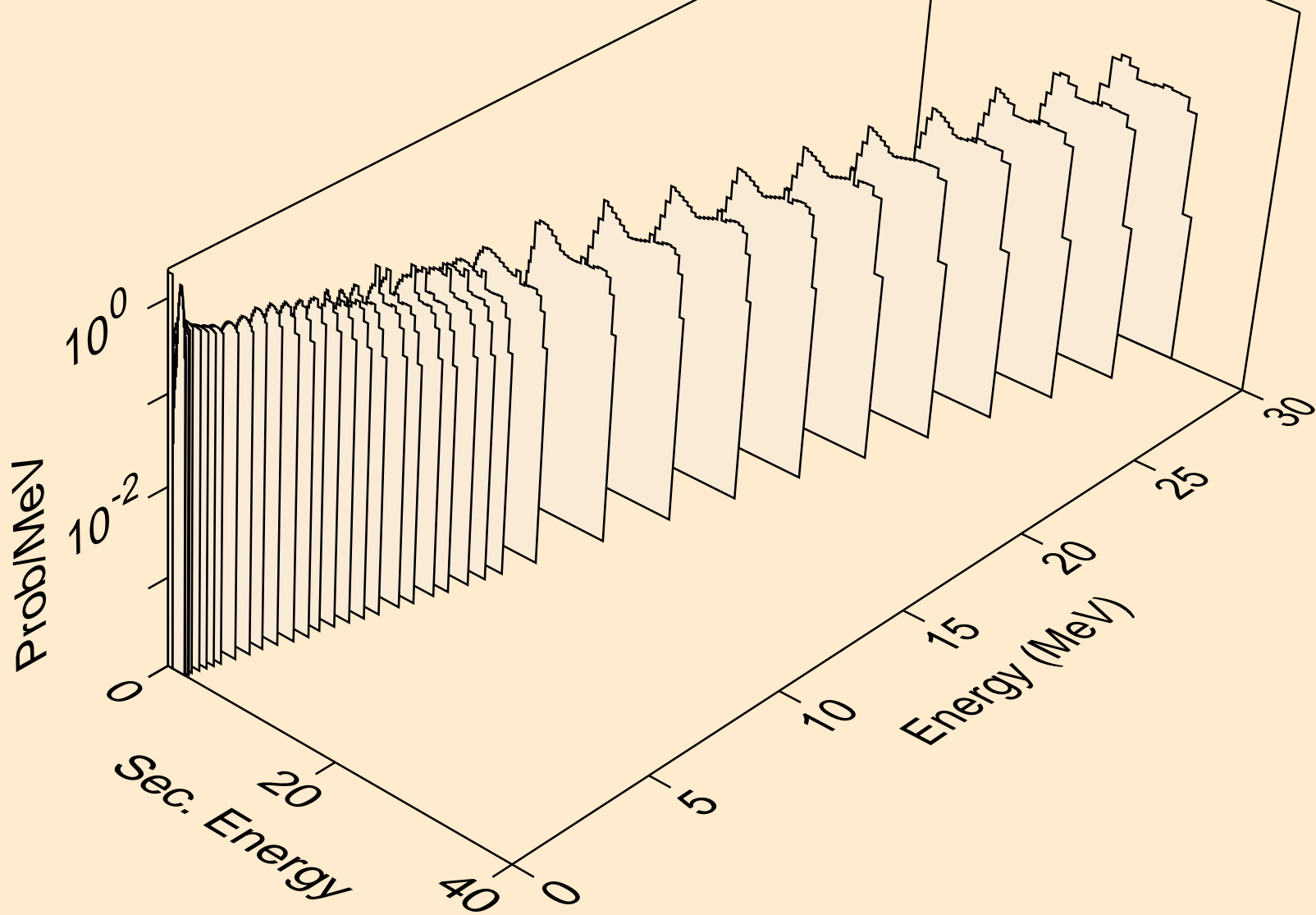
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)

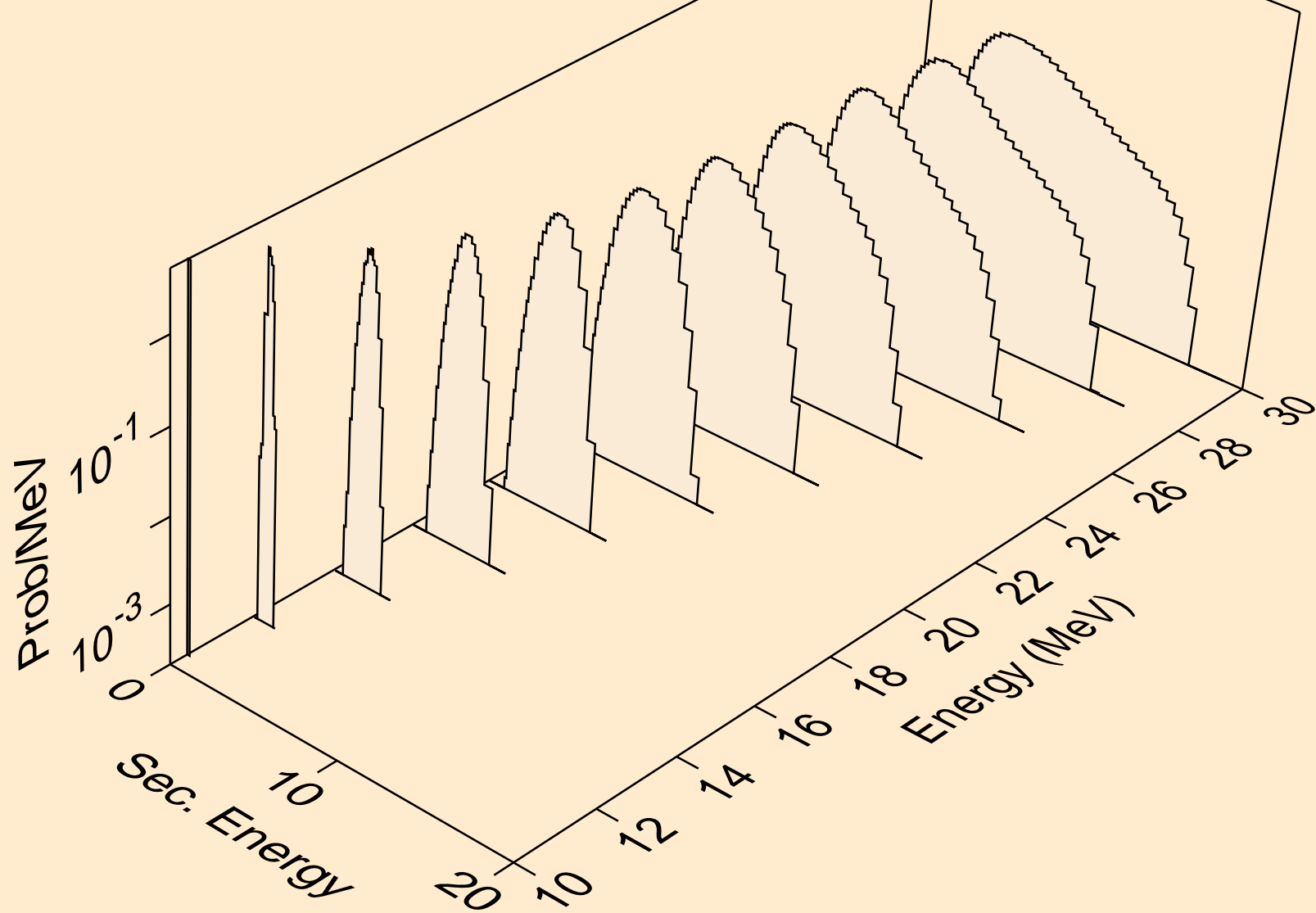


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

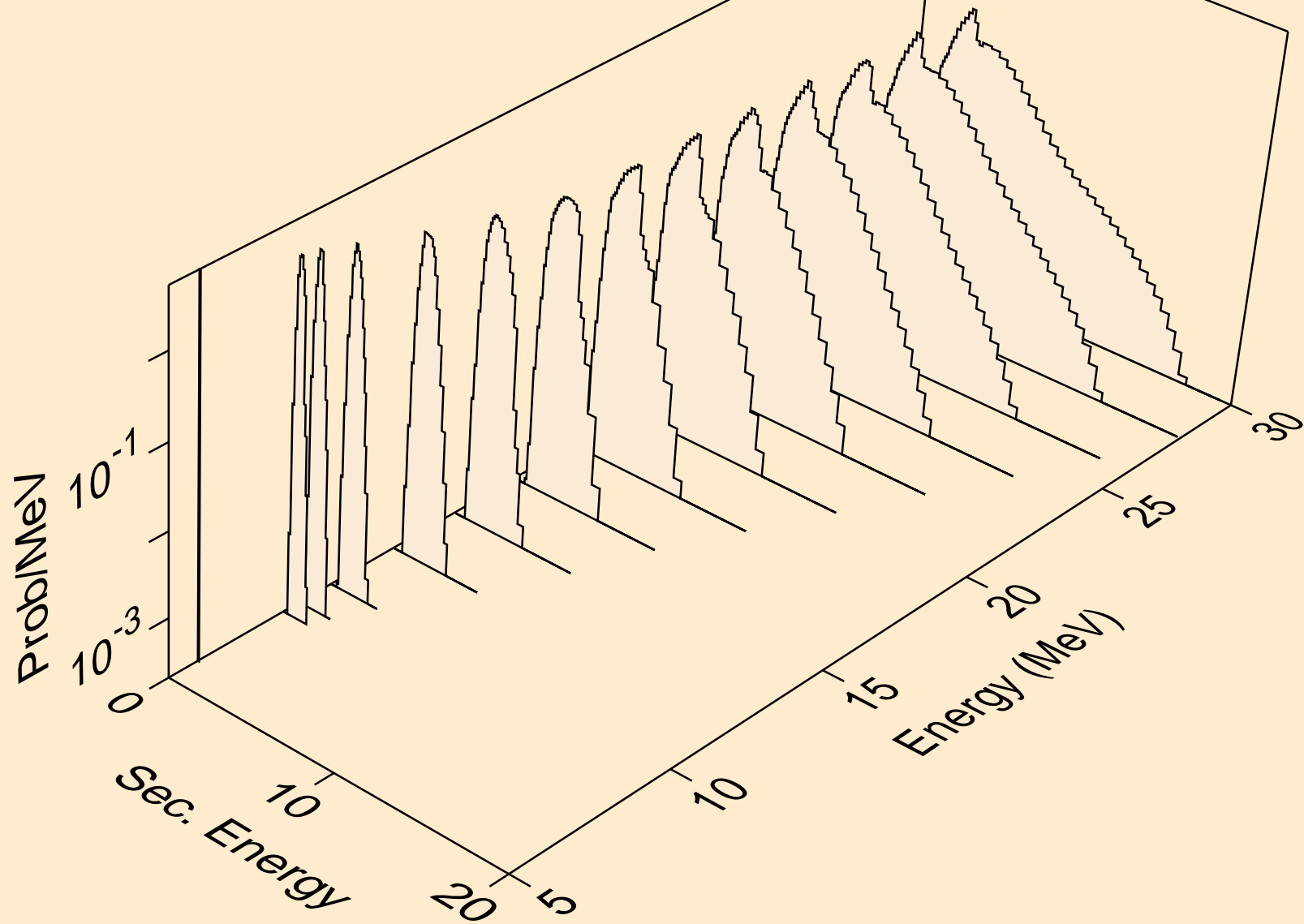




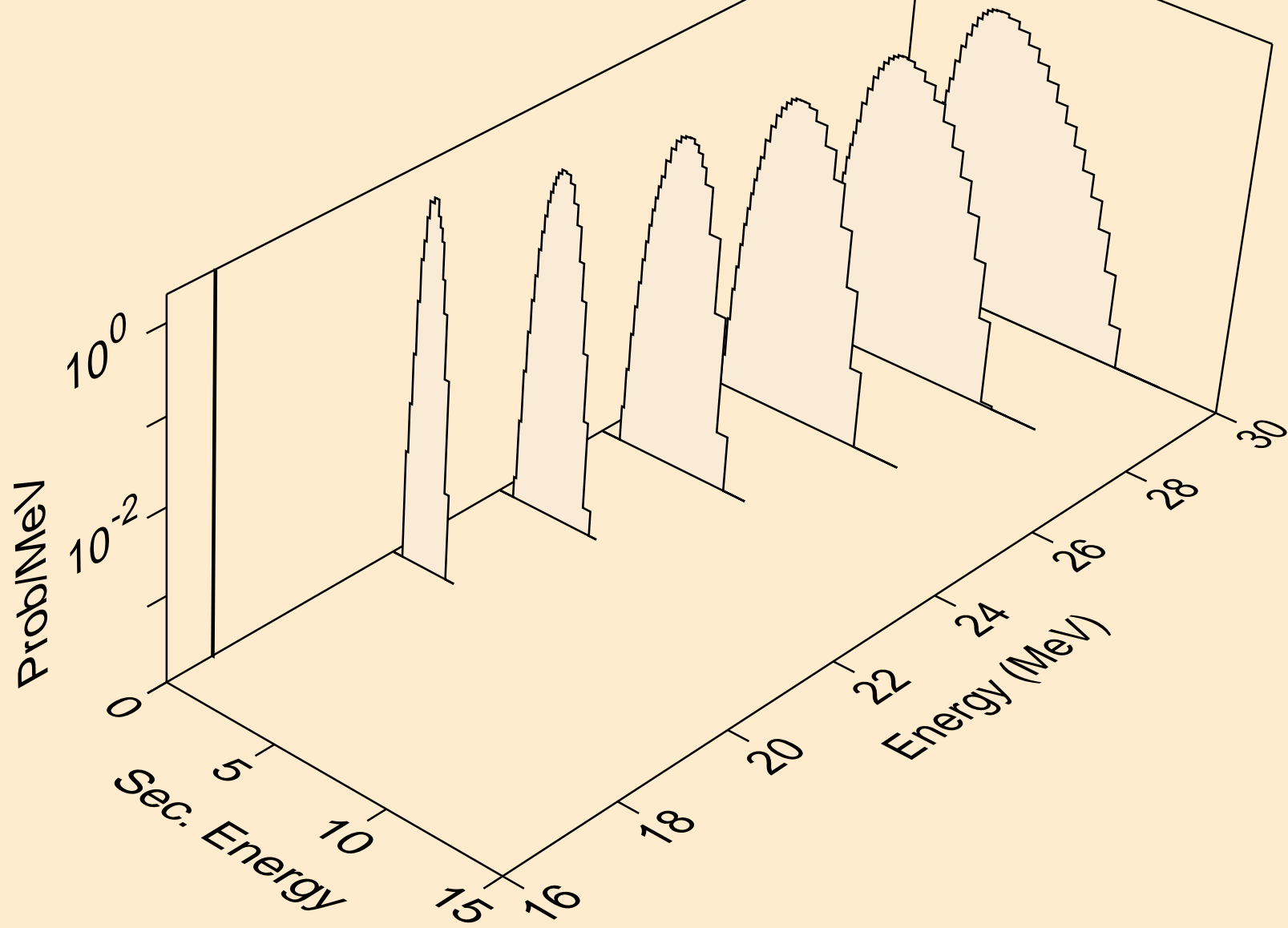
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



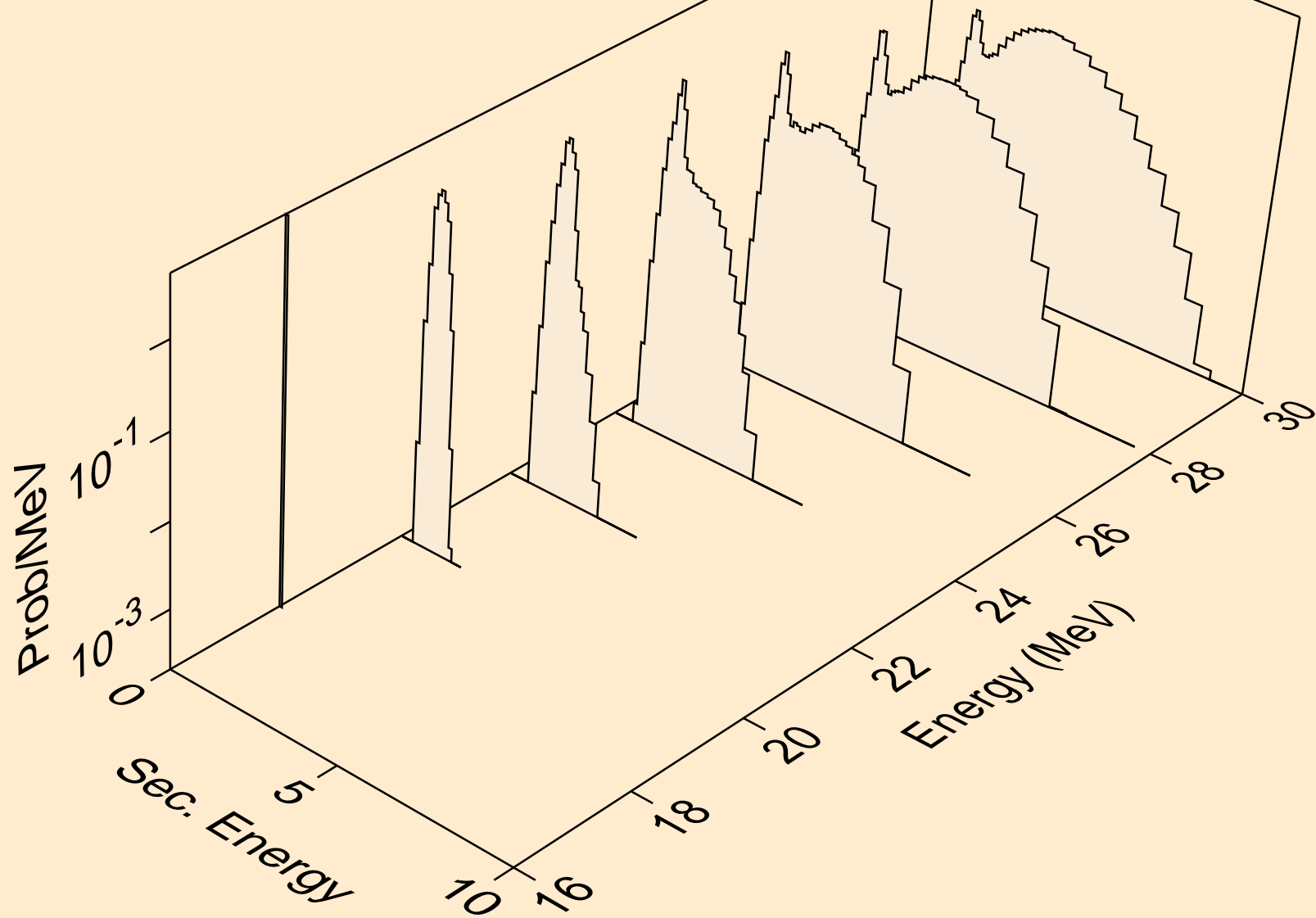
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



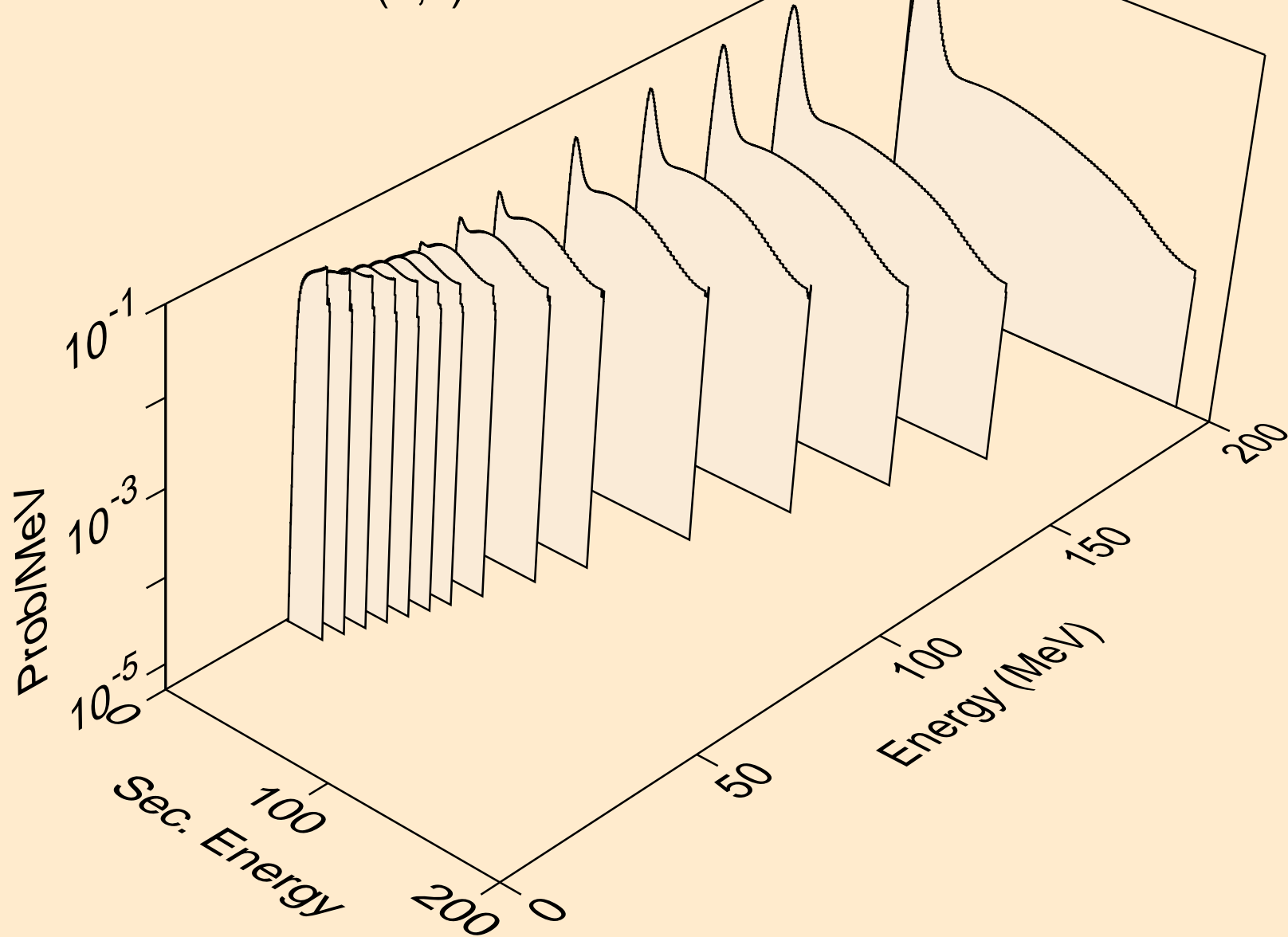
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



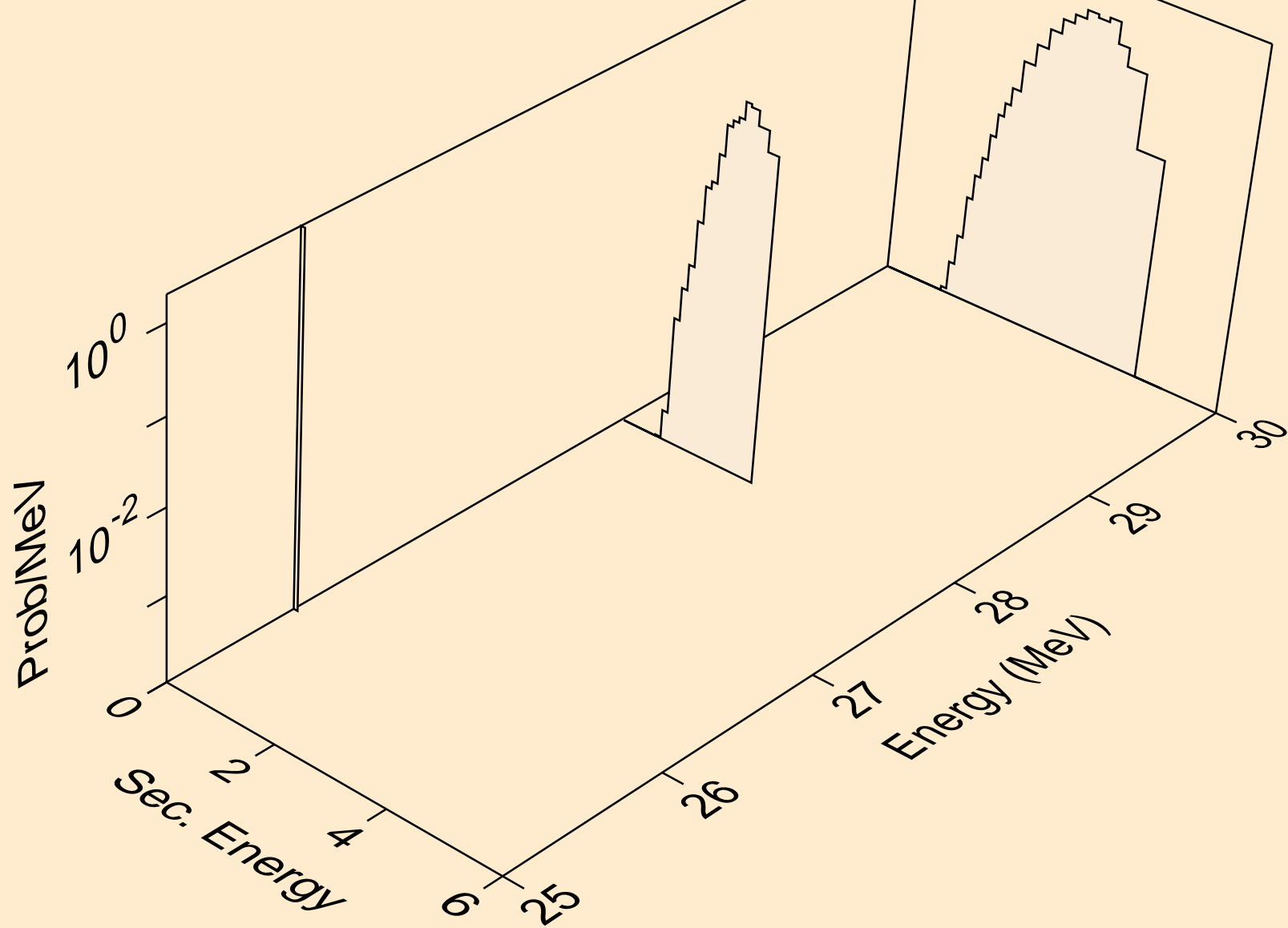
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



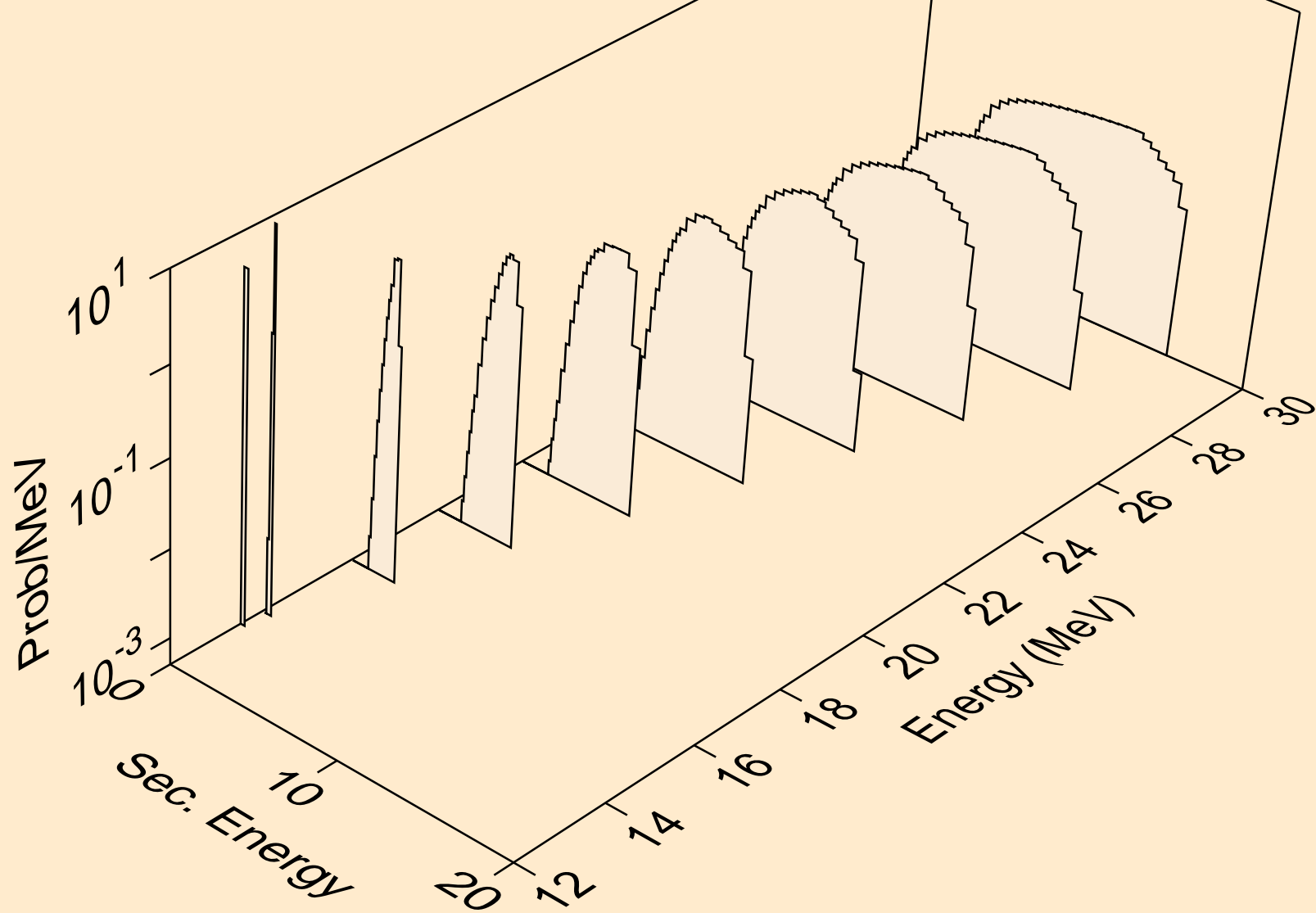
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



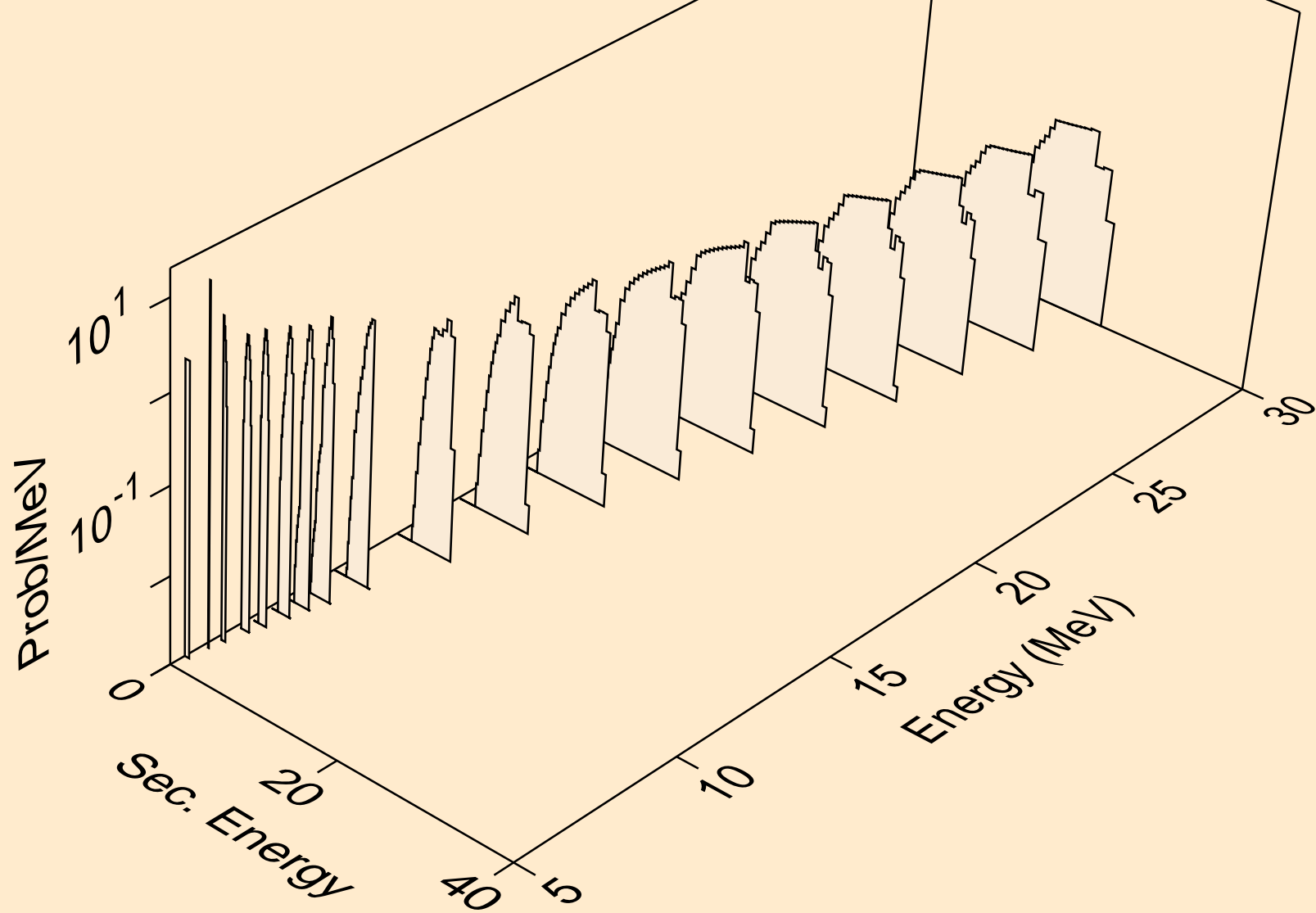
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

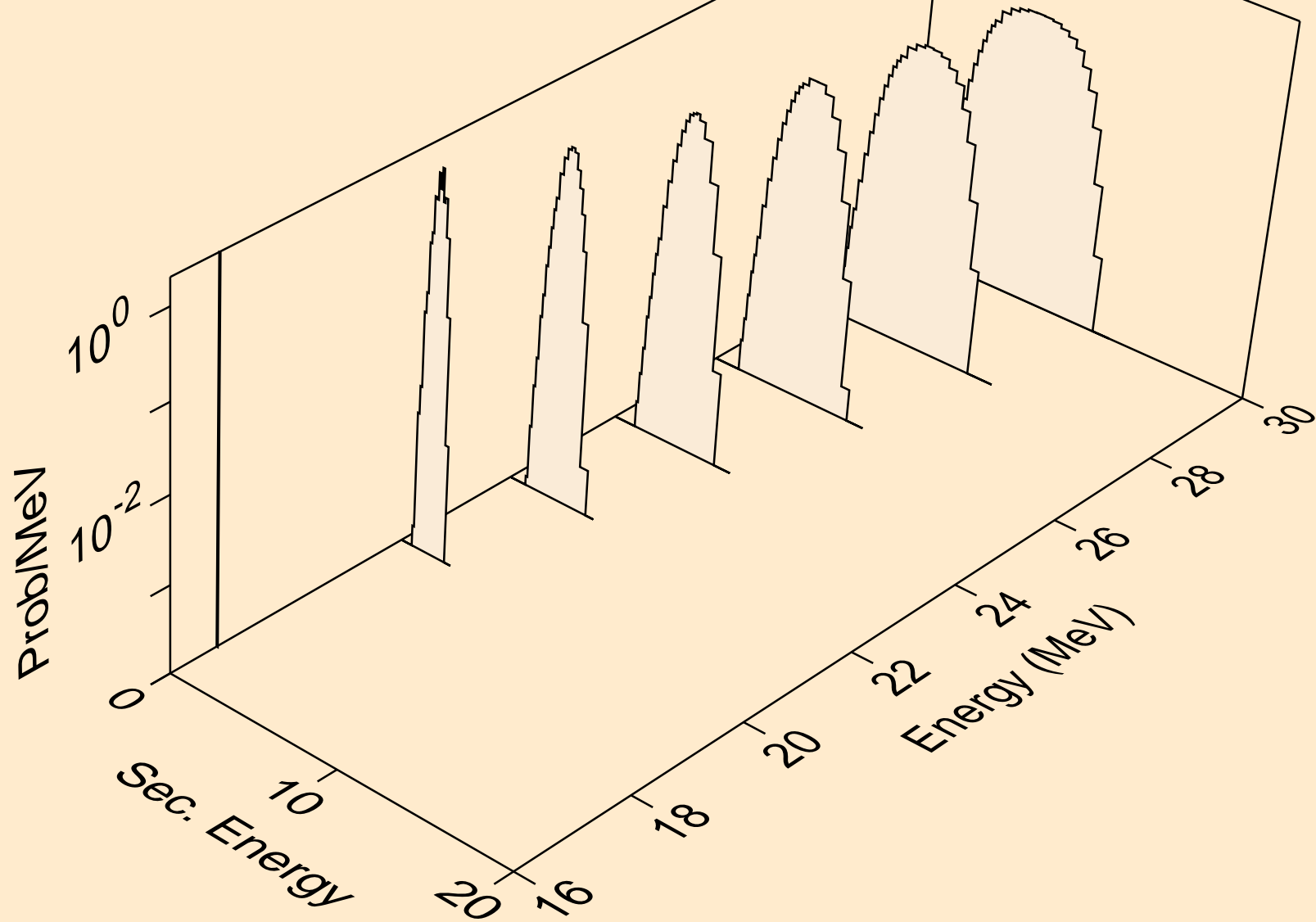


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

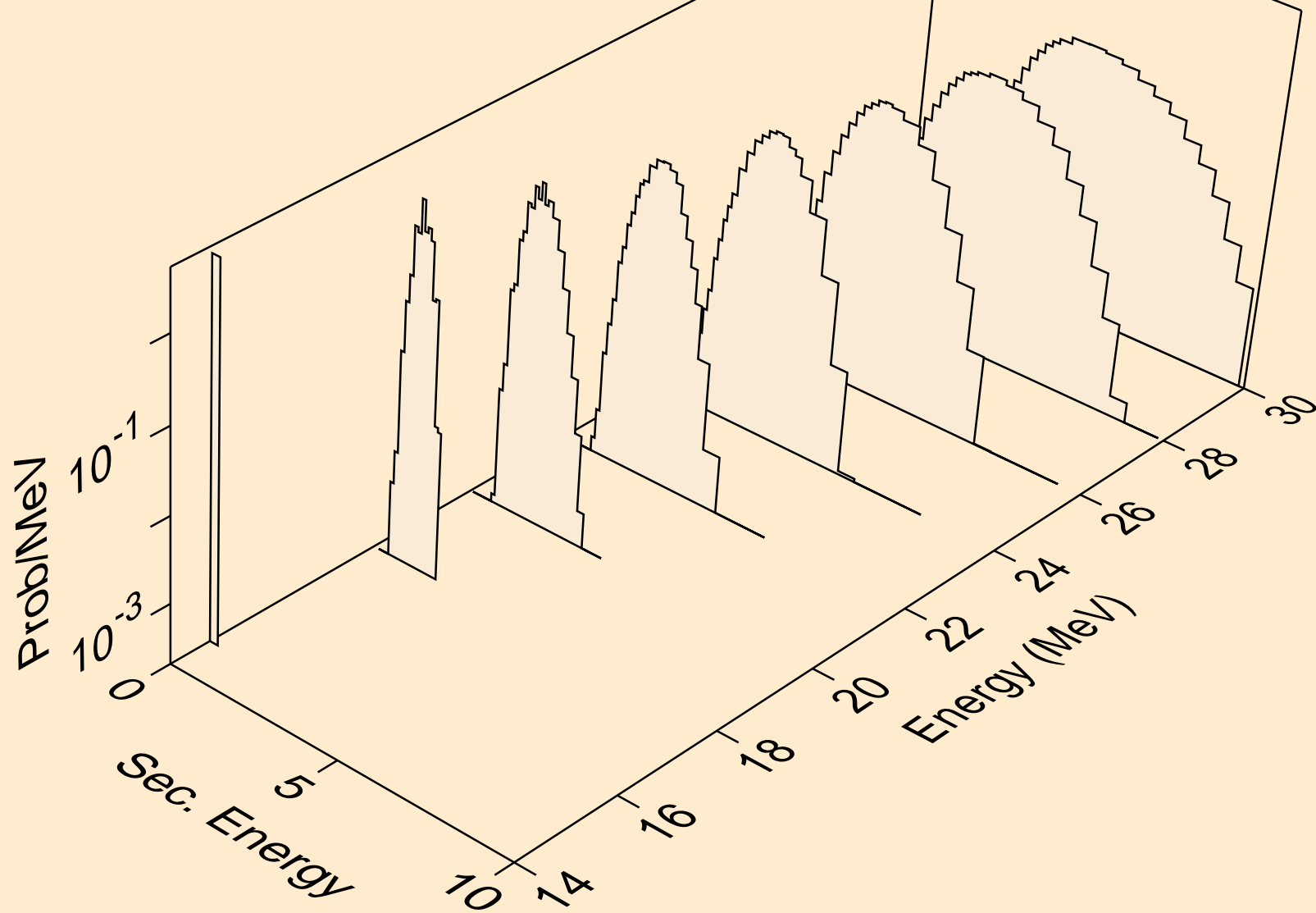




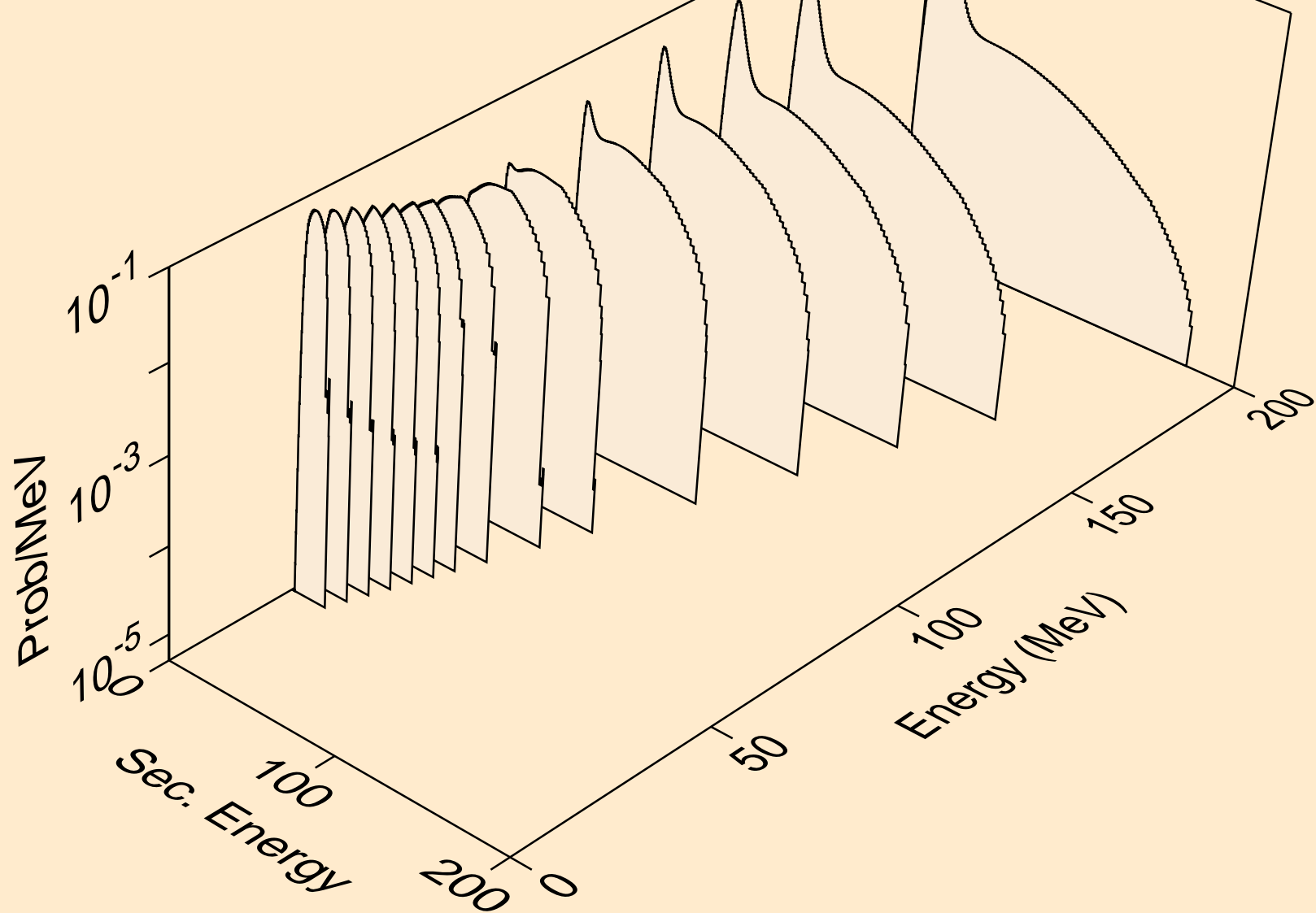
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



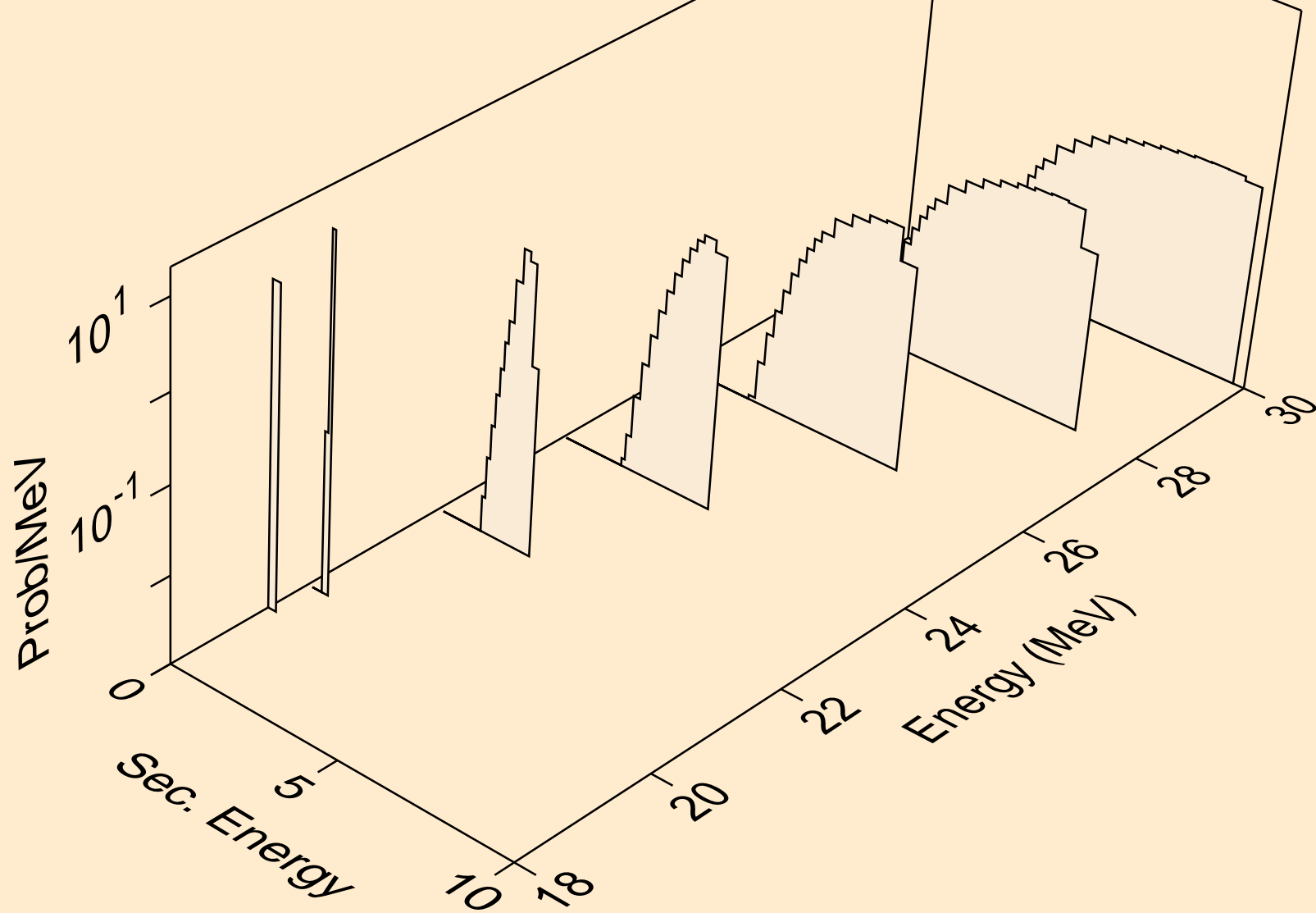
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



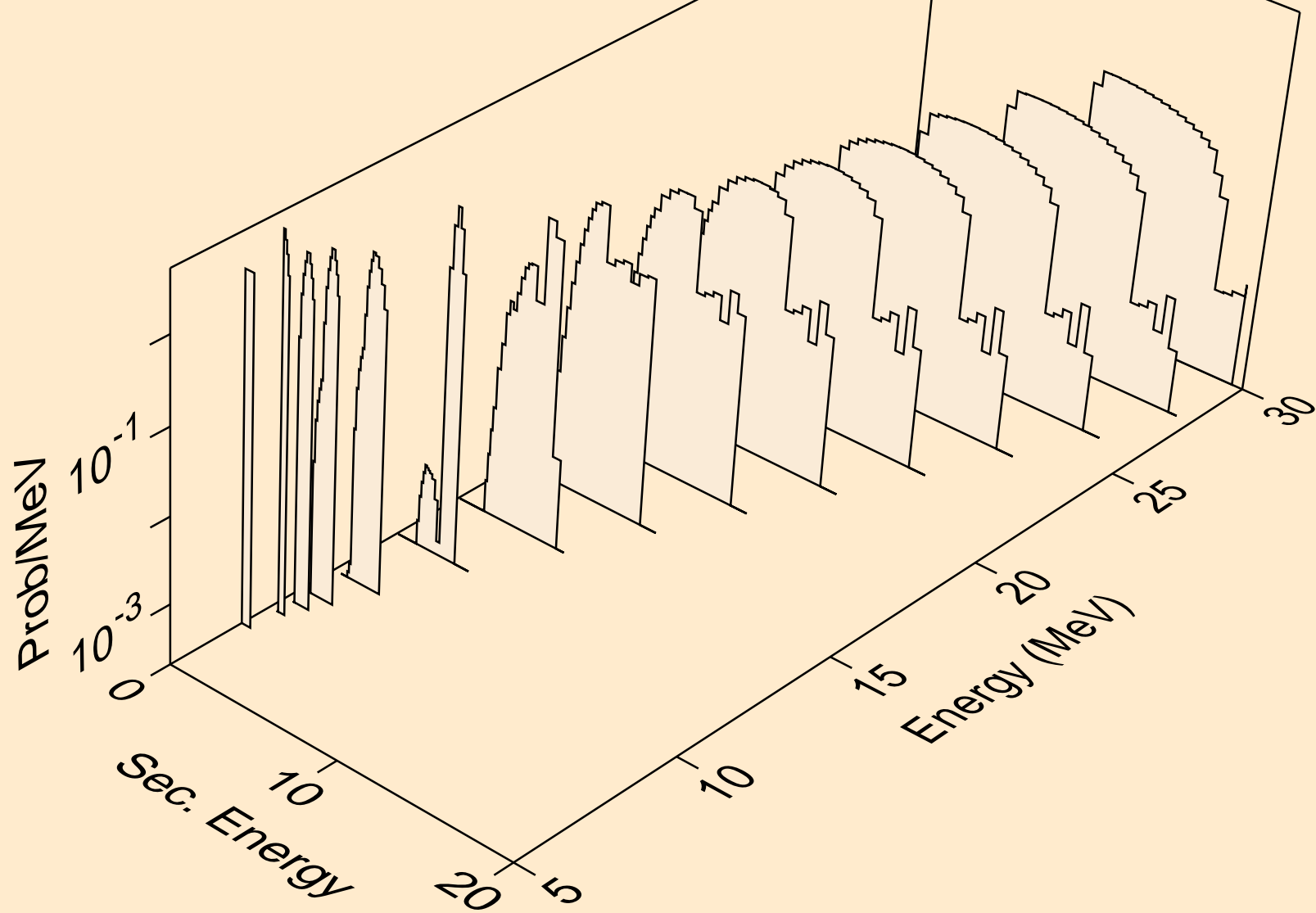
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



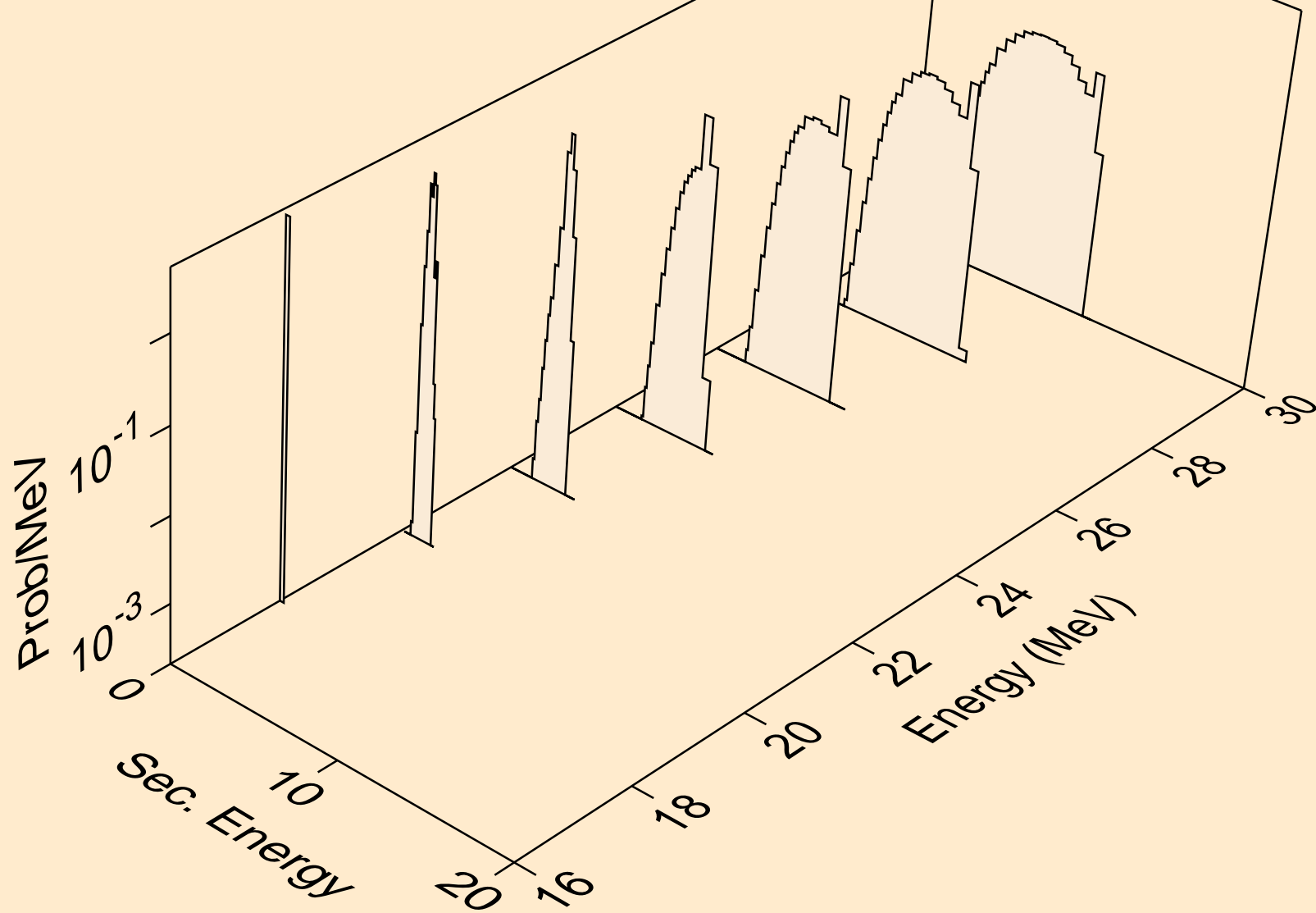
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



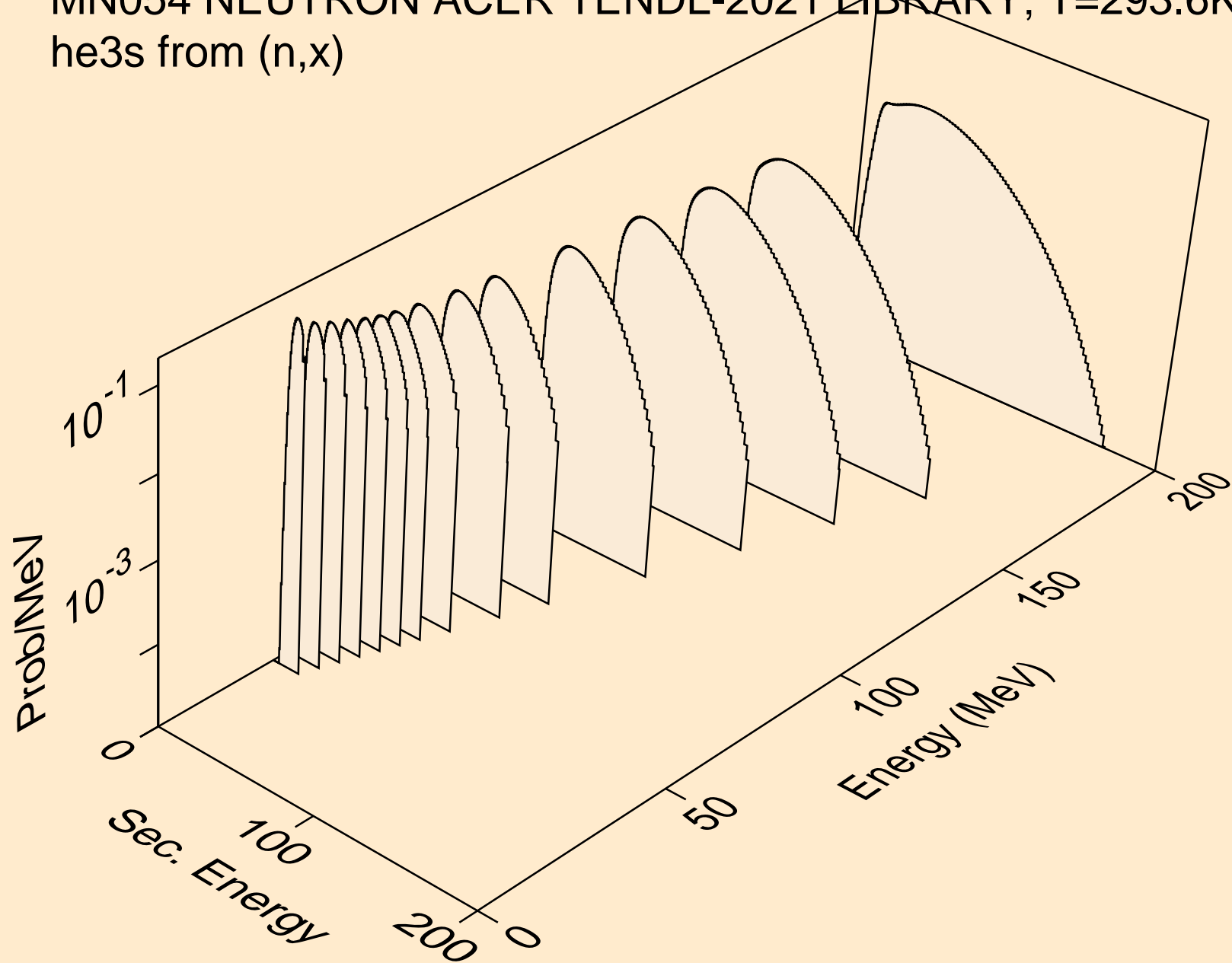
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



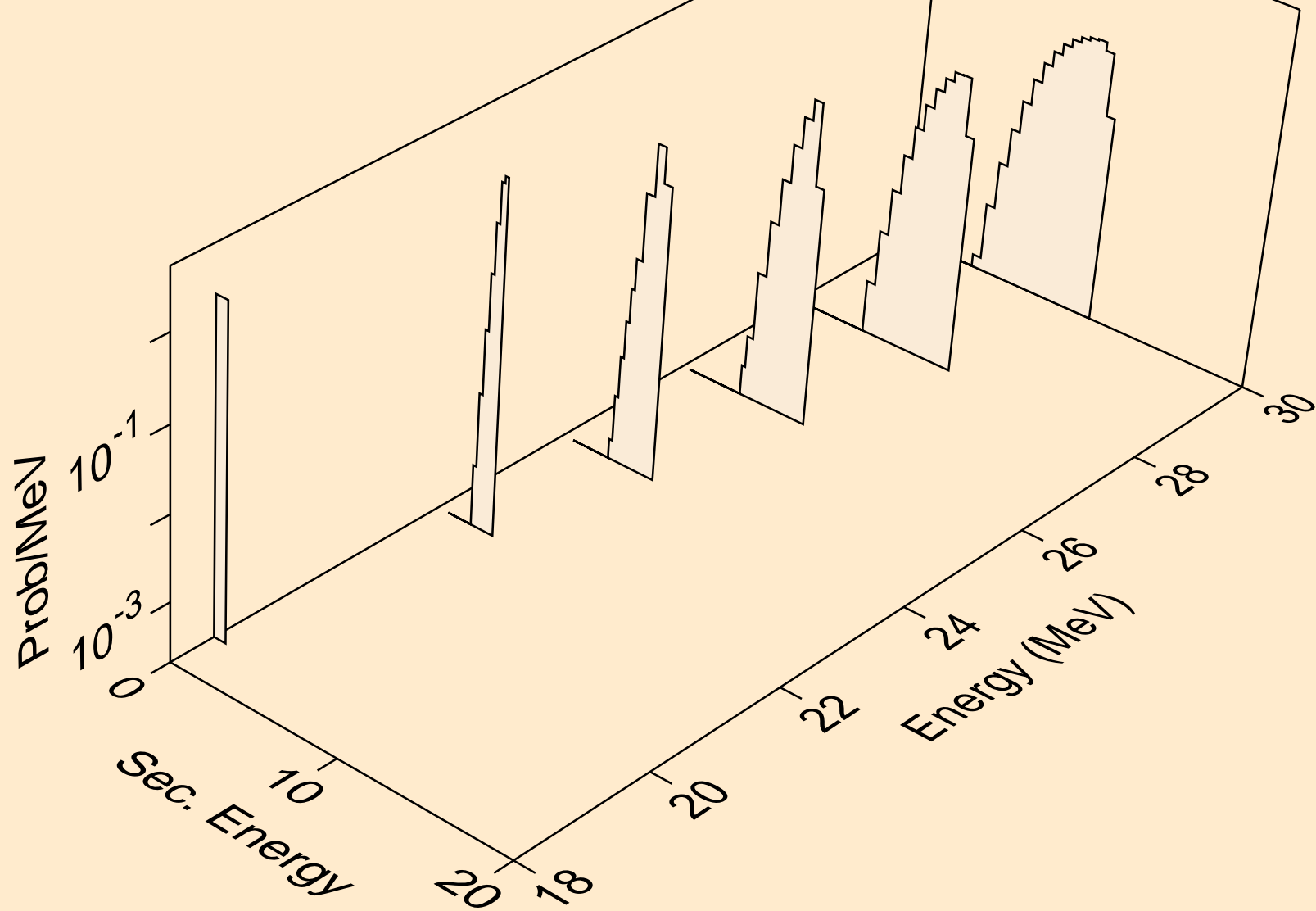
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

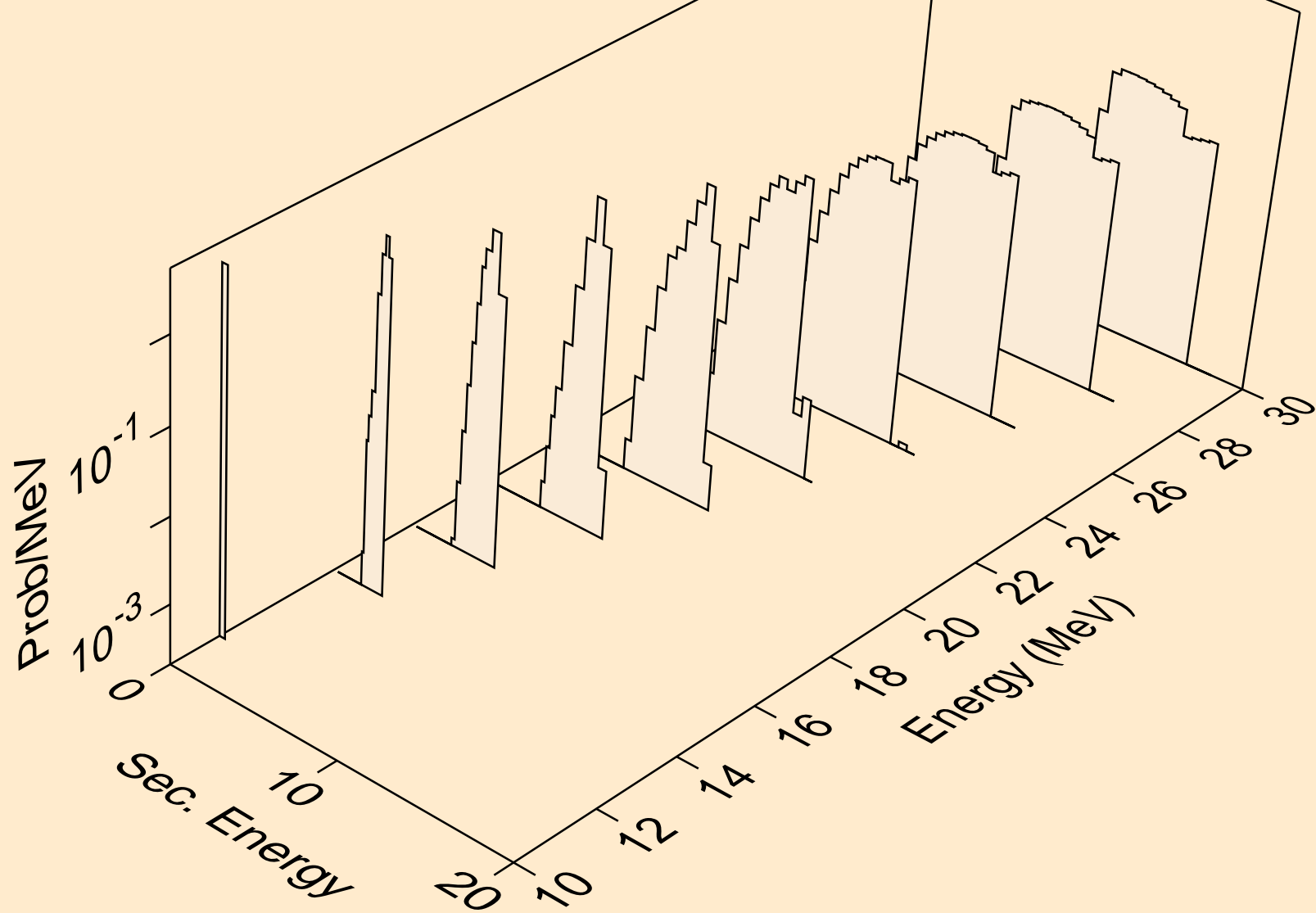


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

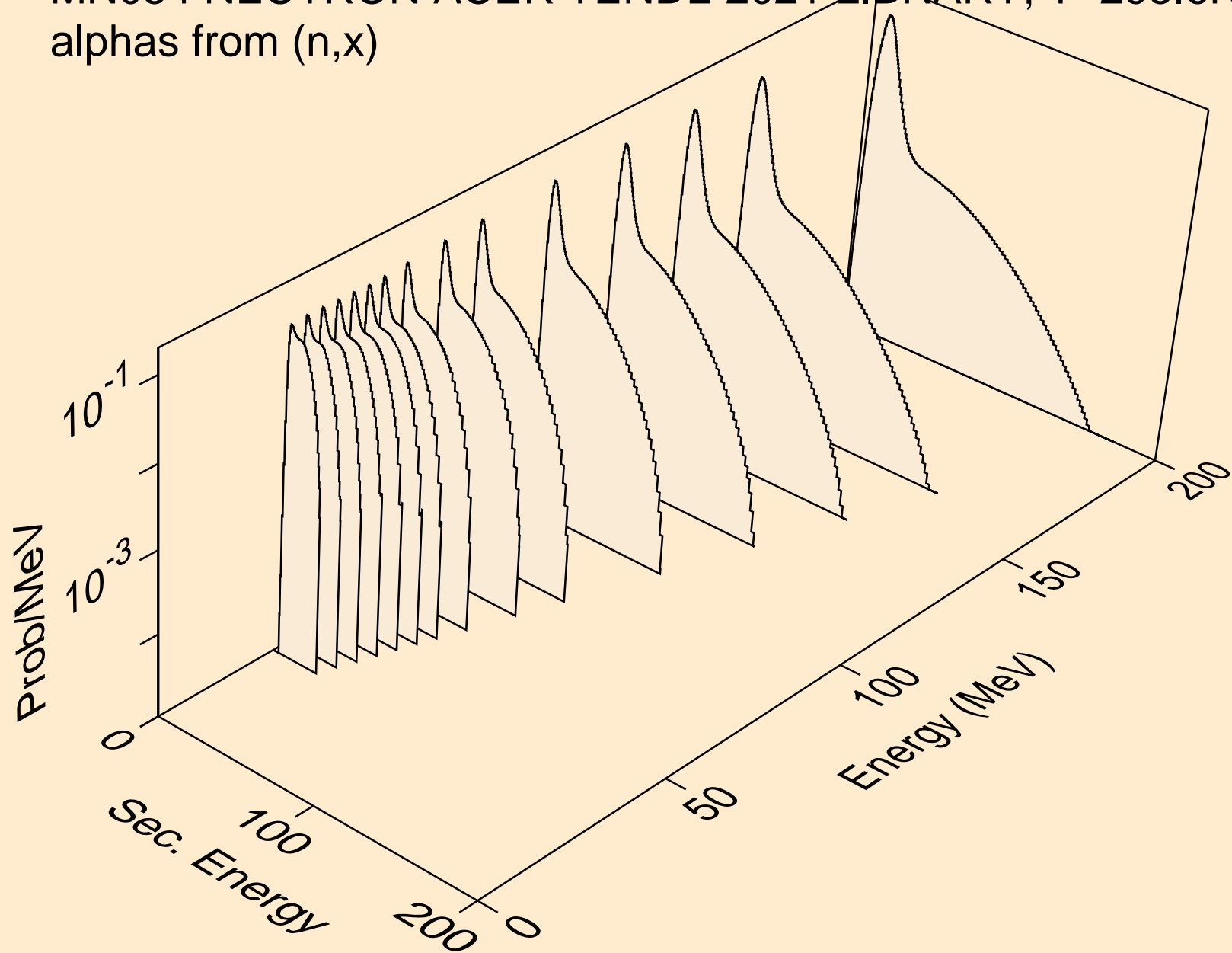




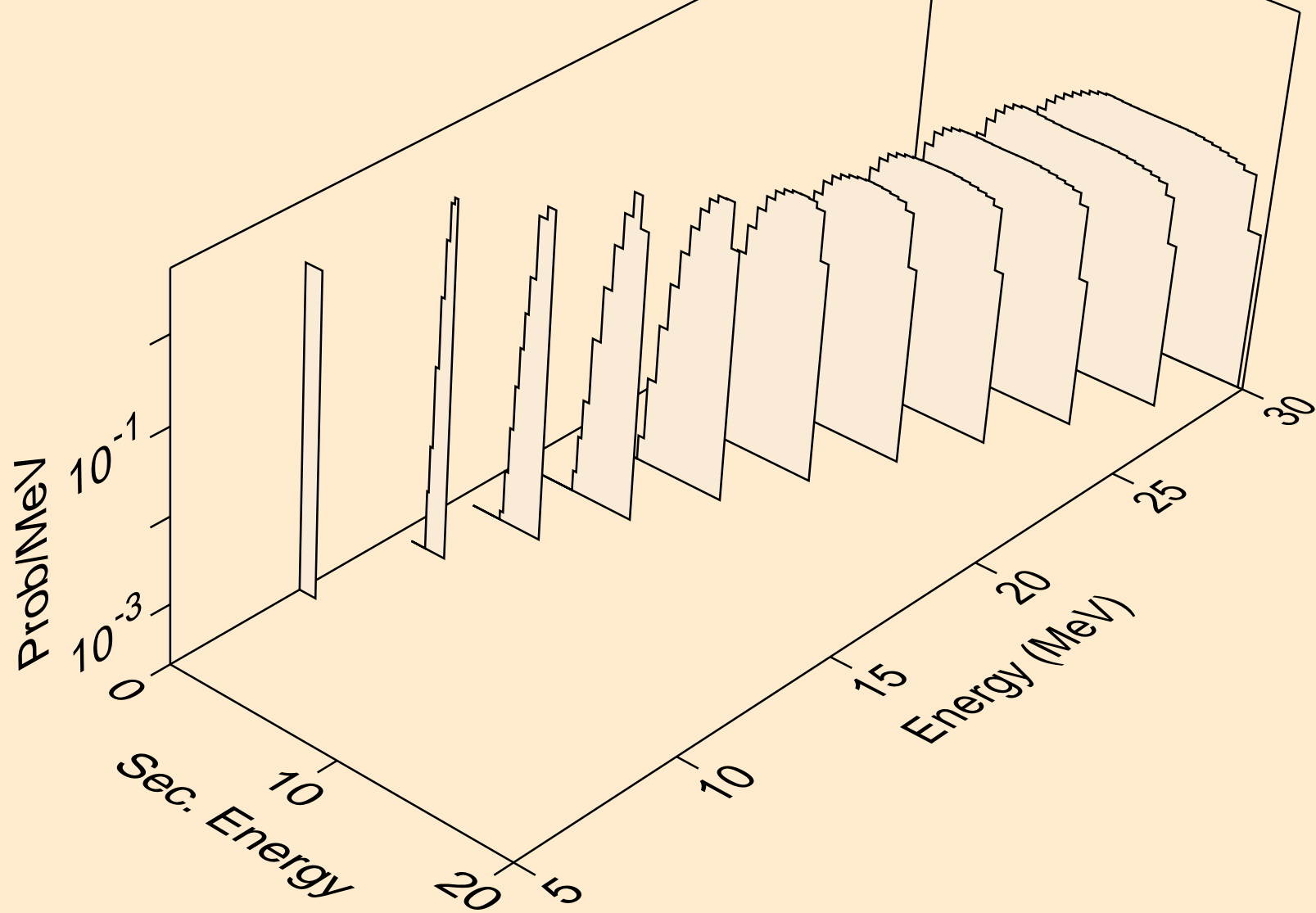
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



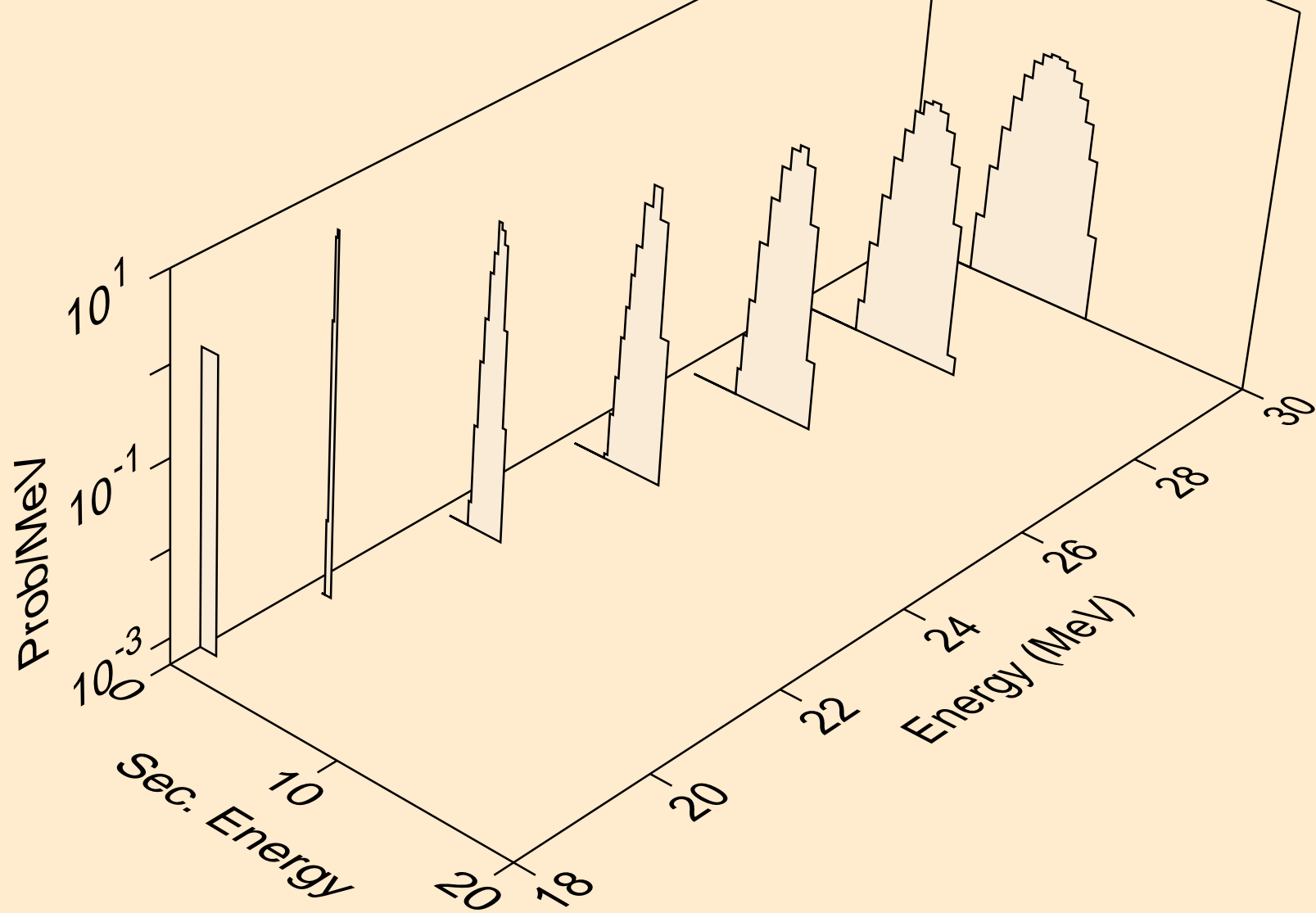
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



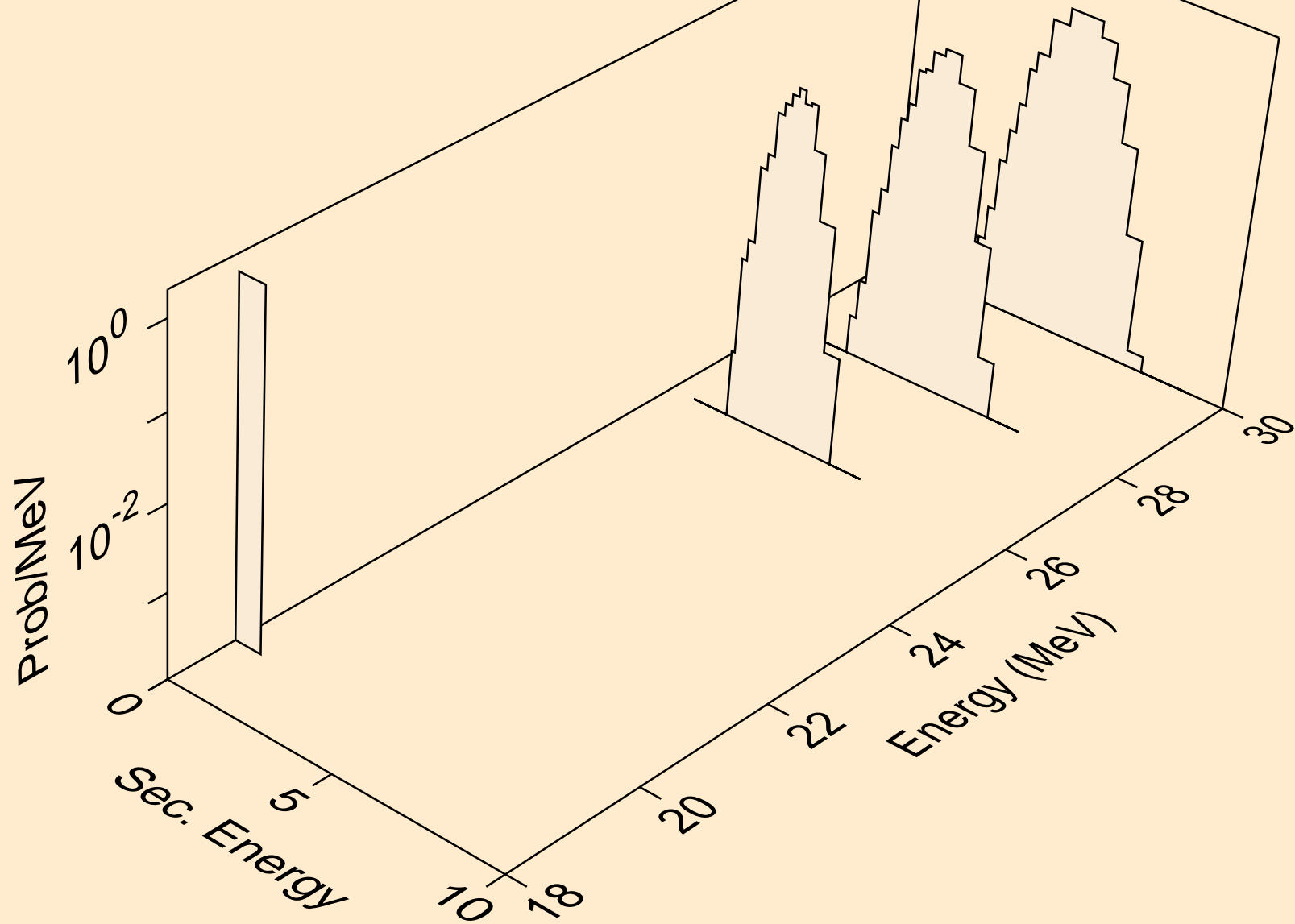
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



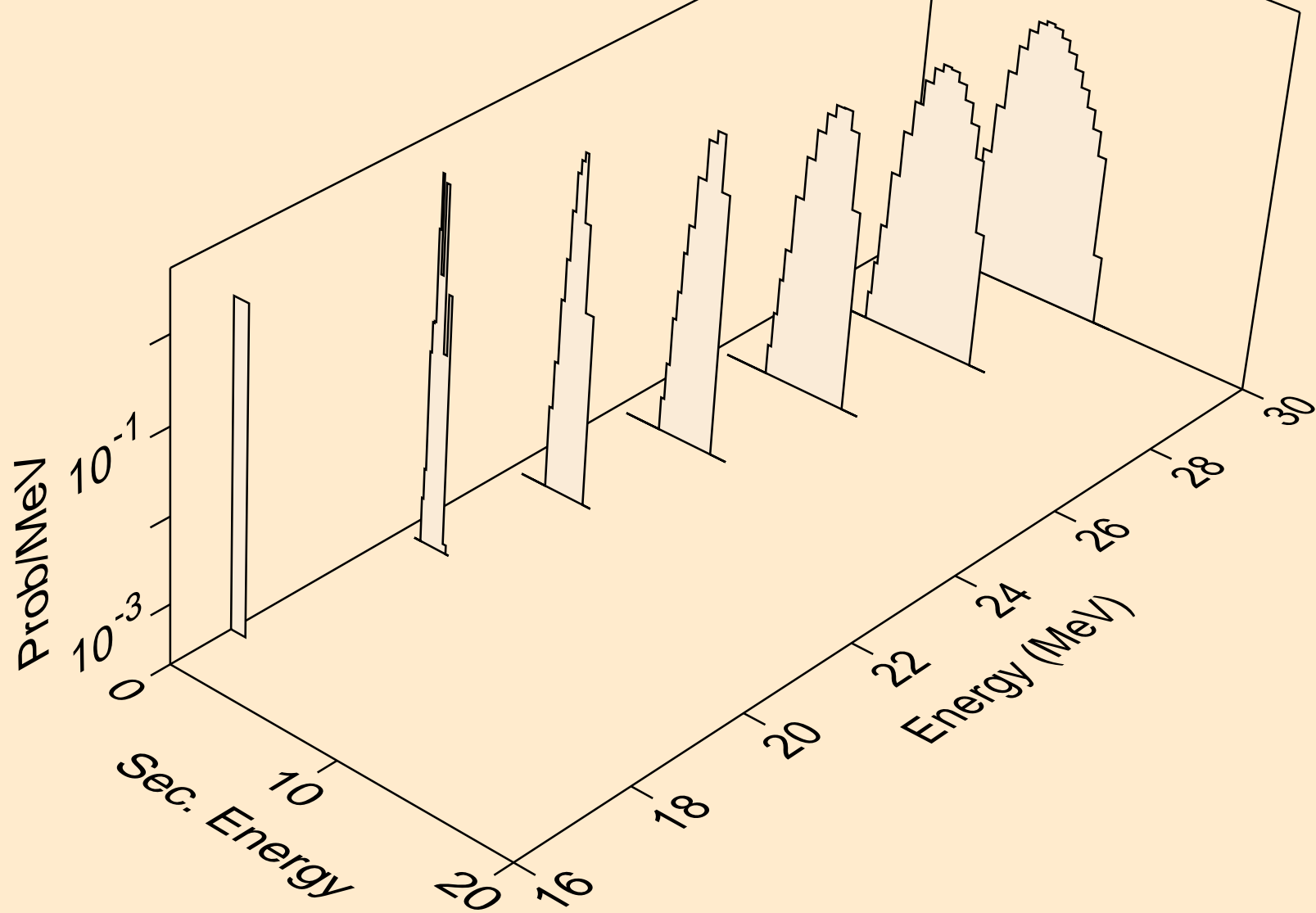
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



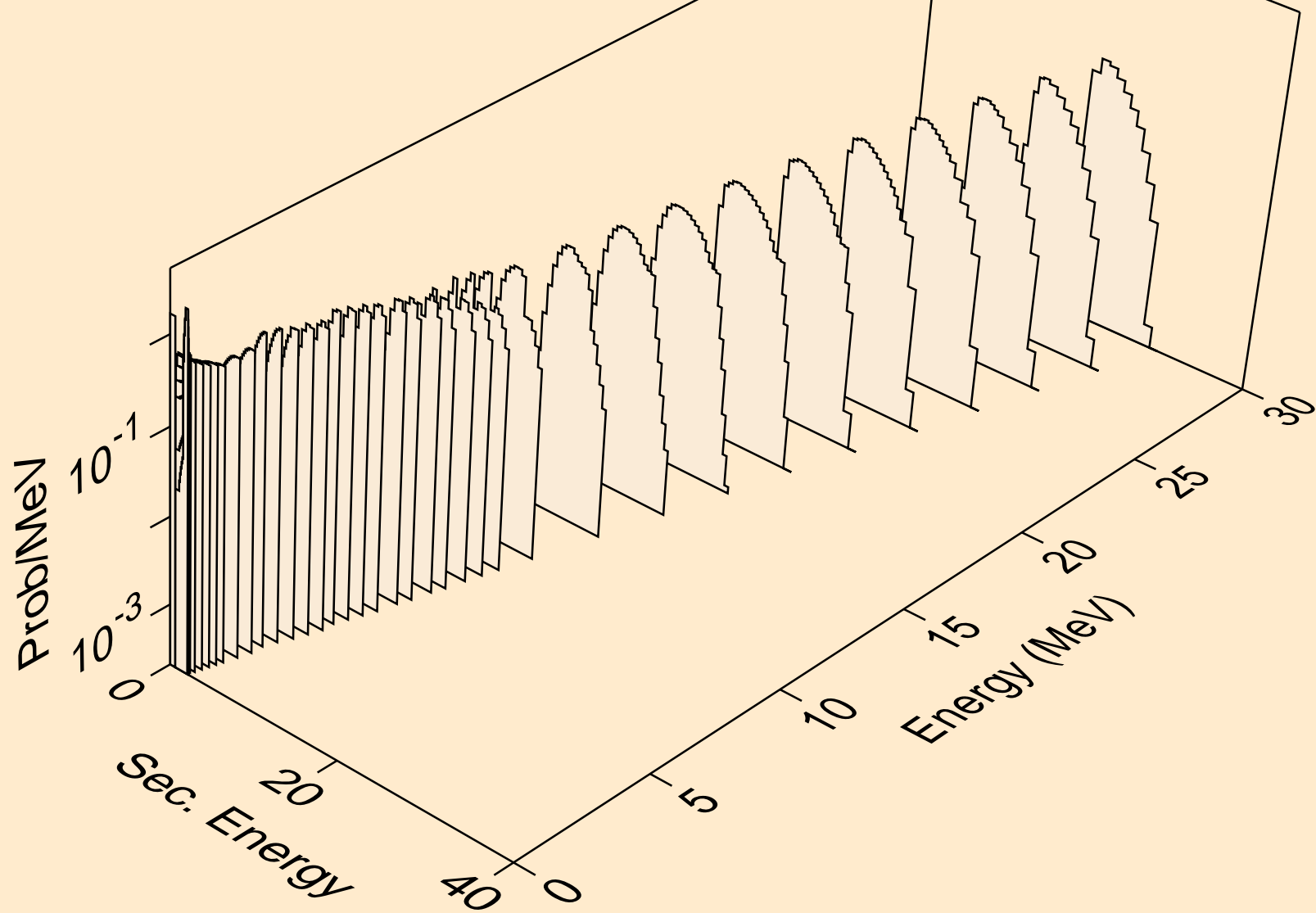
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



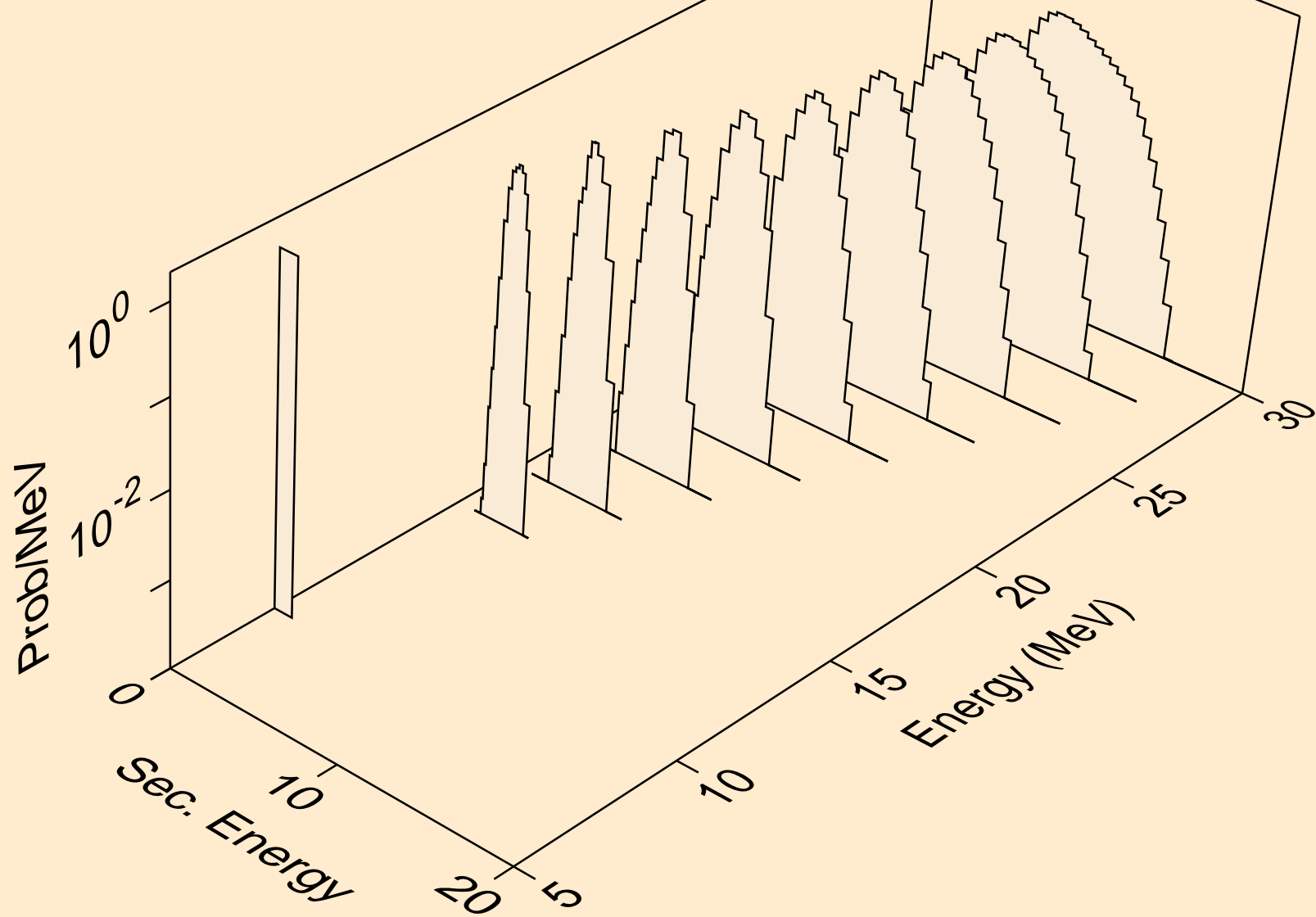
MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

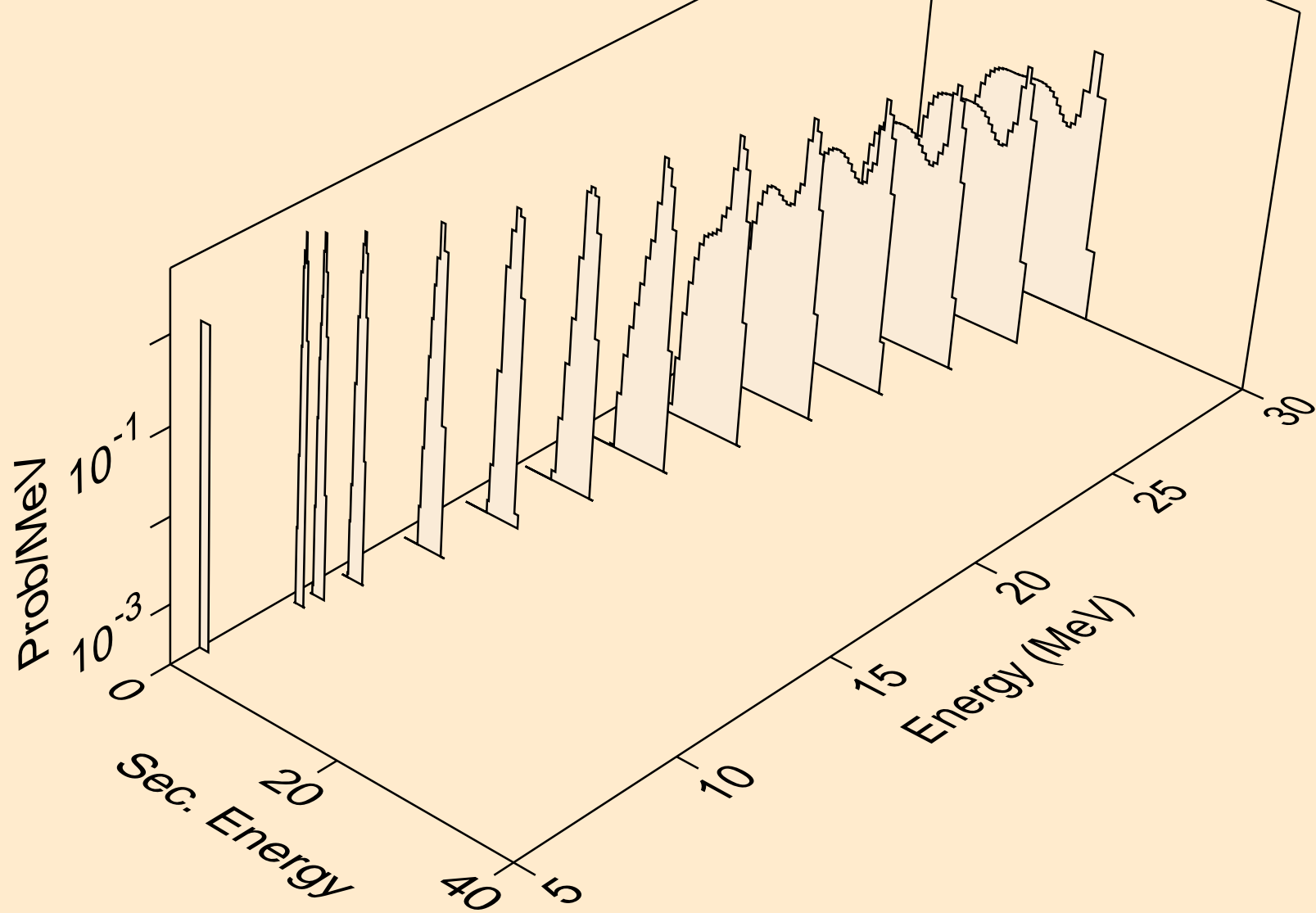


MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)





MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



MN054 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

