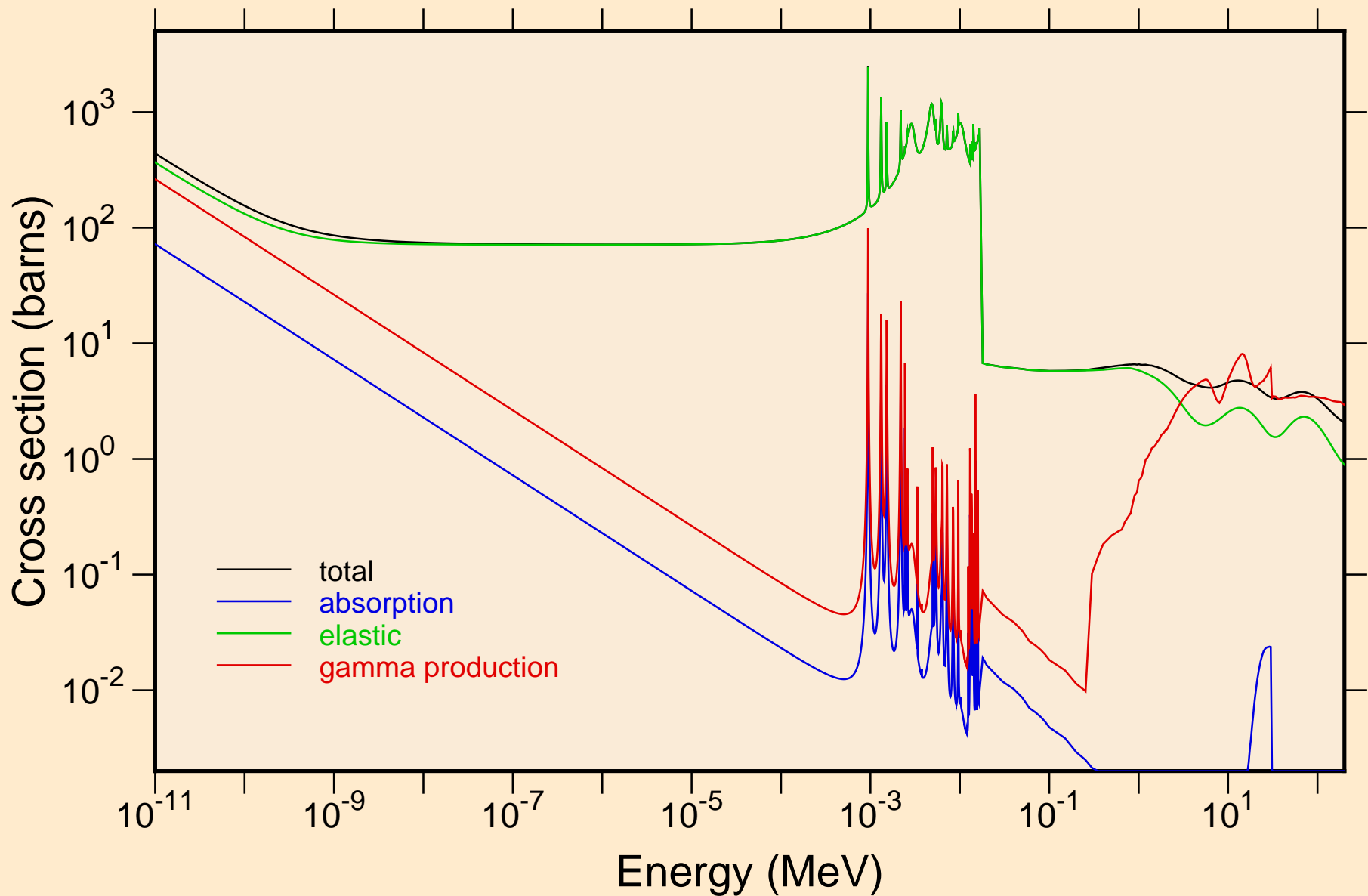
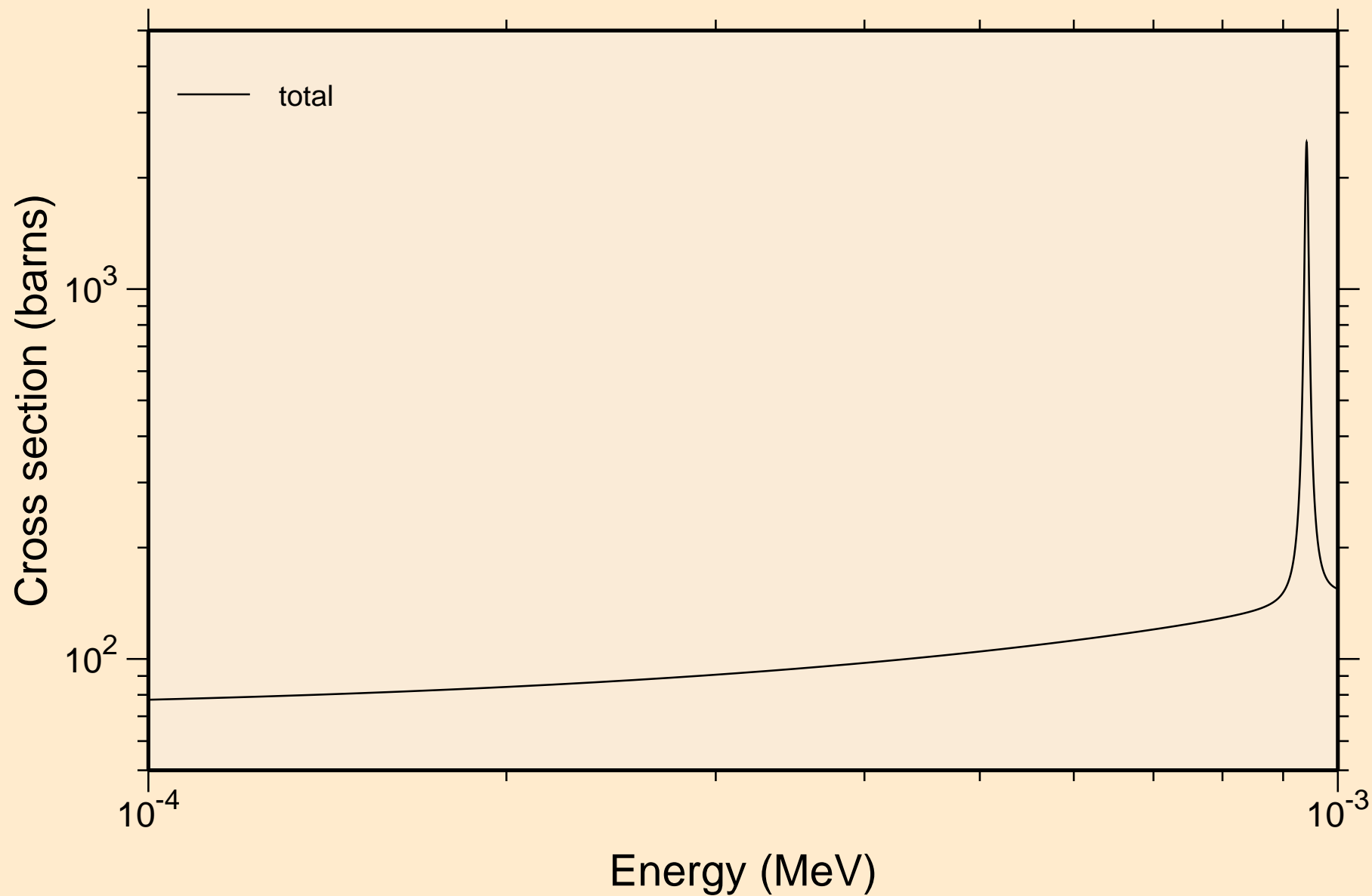


# SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

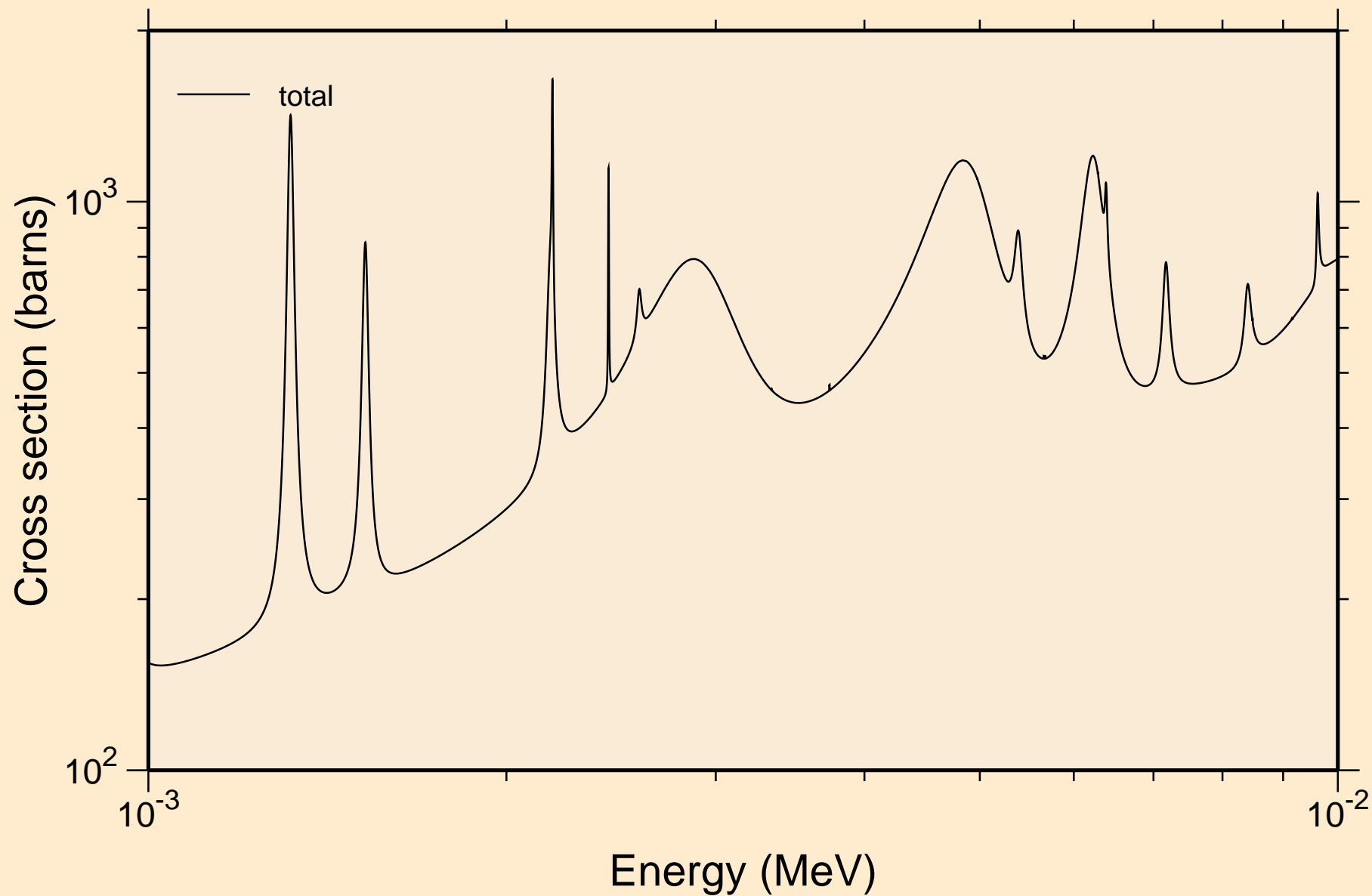
## Principal cross sections



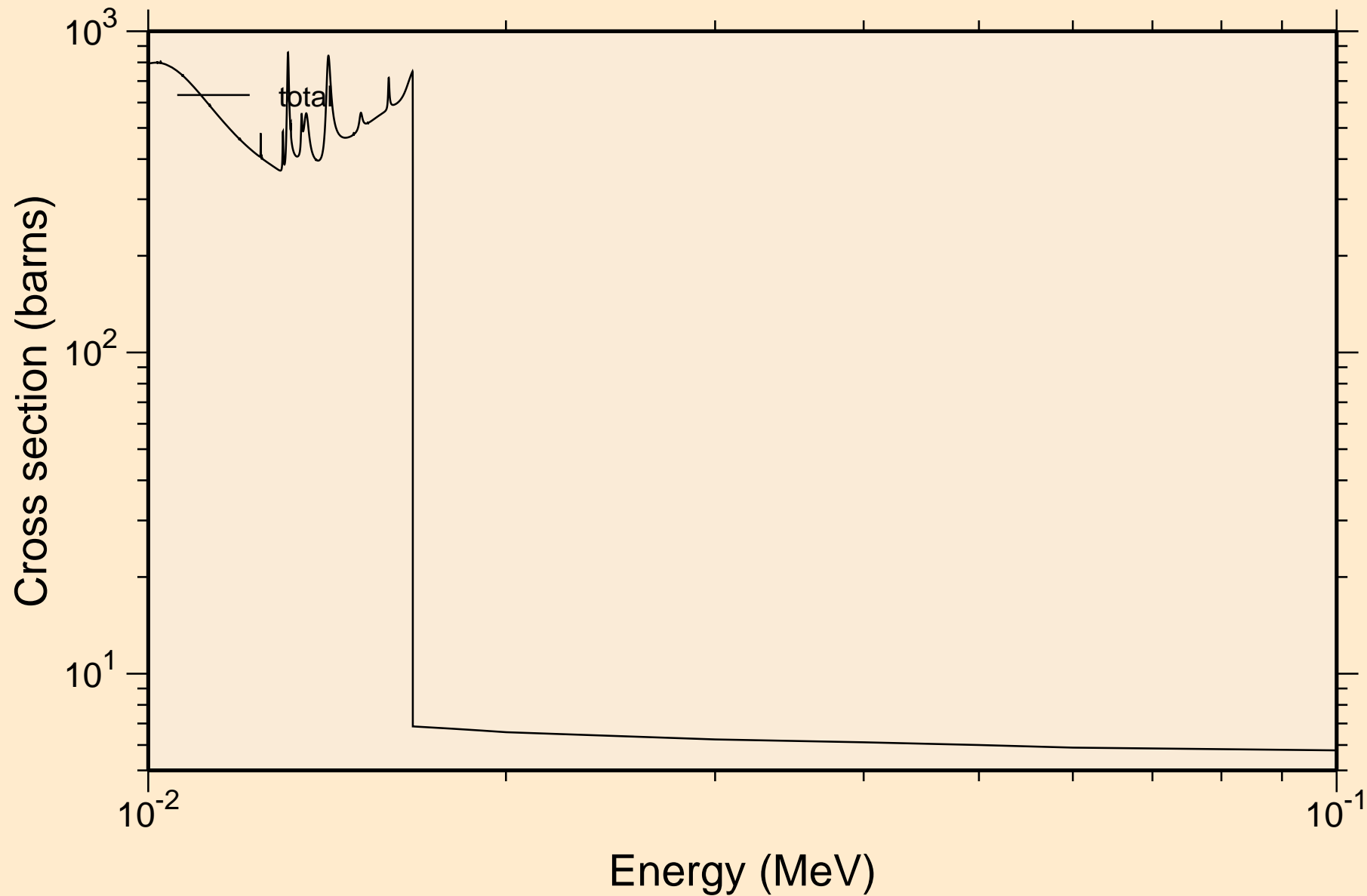
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



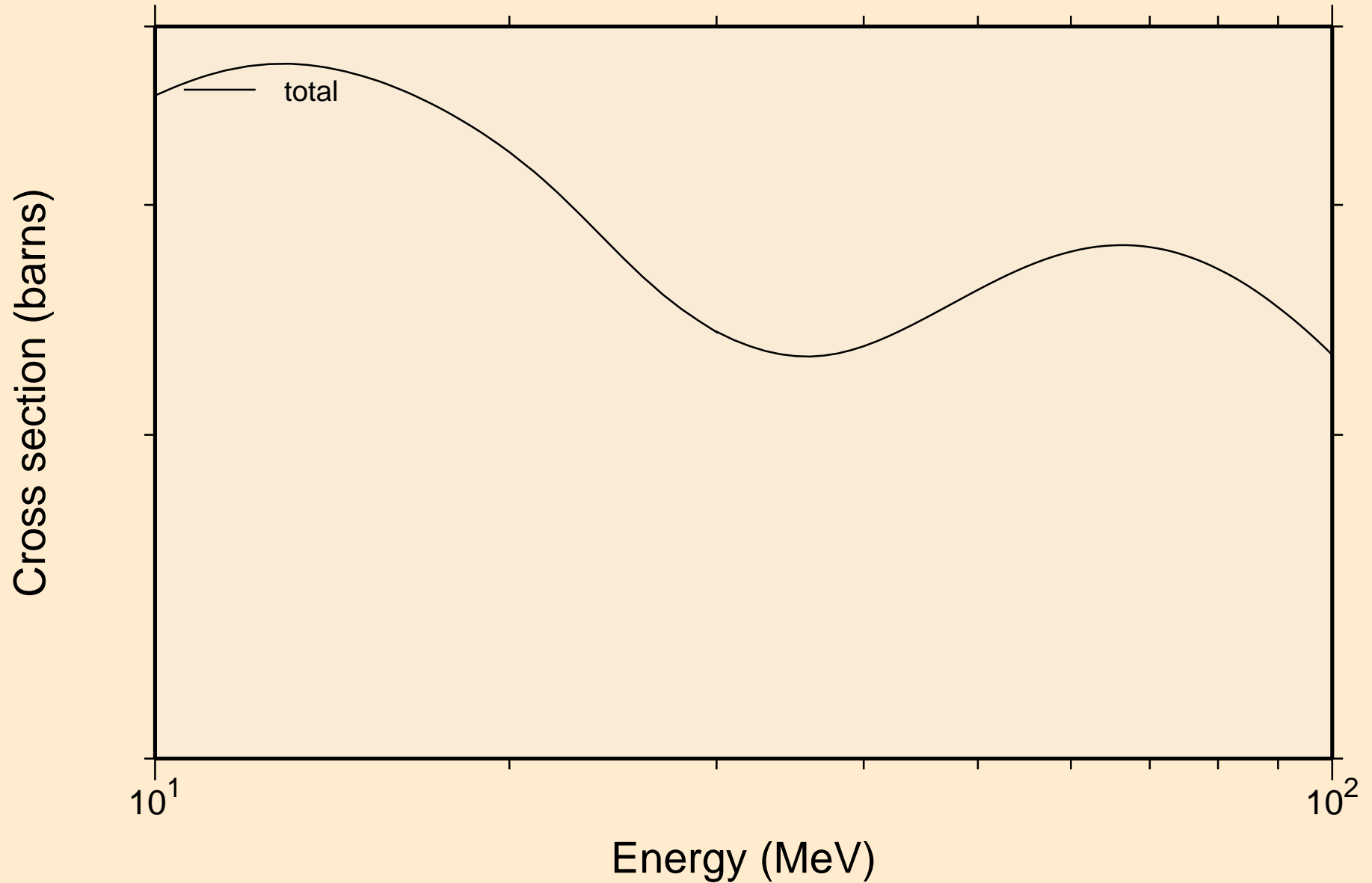
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



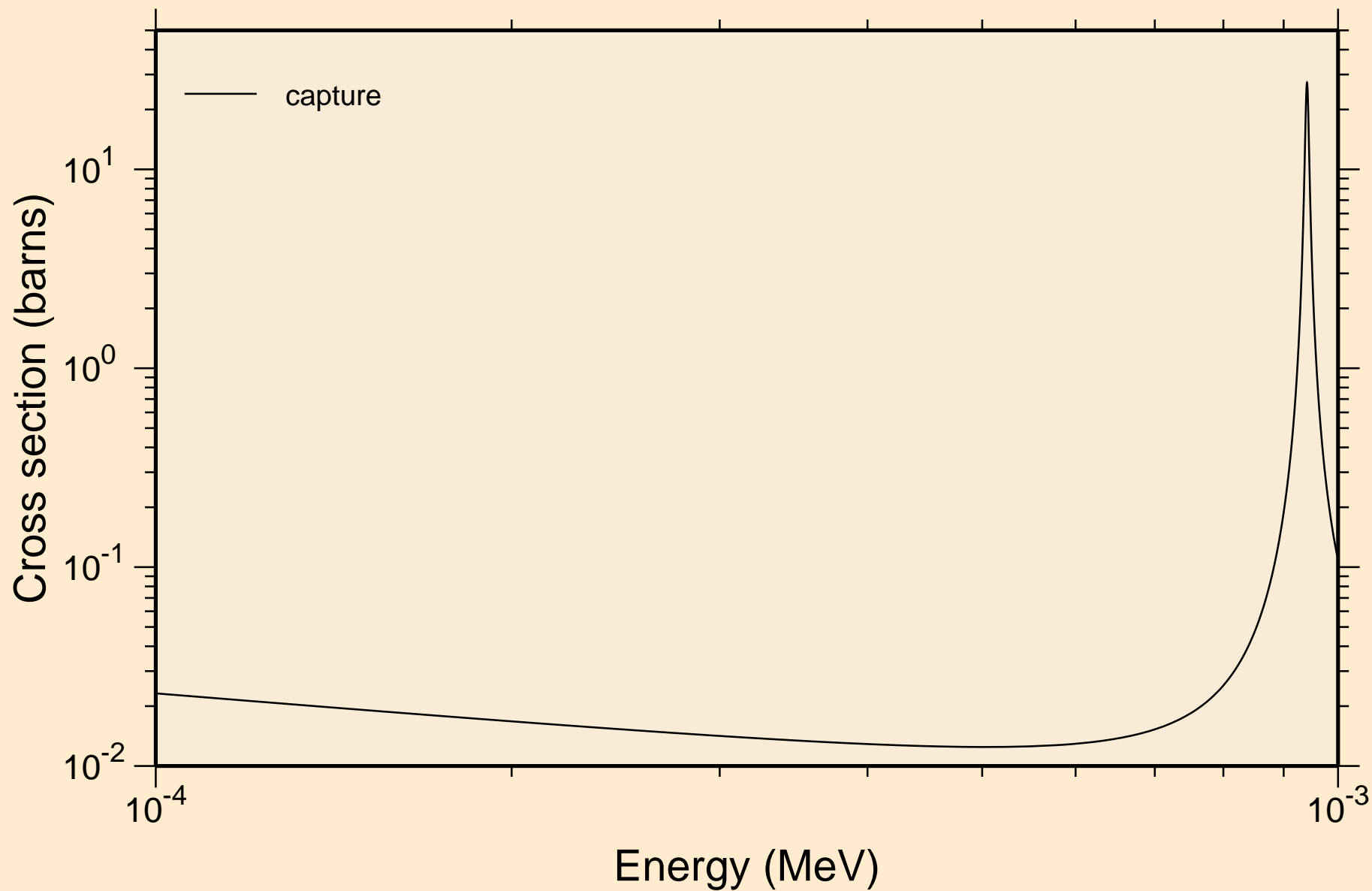
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



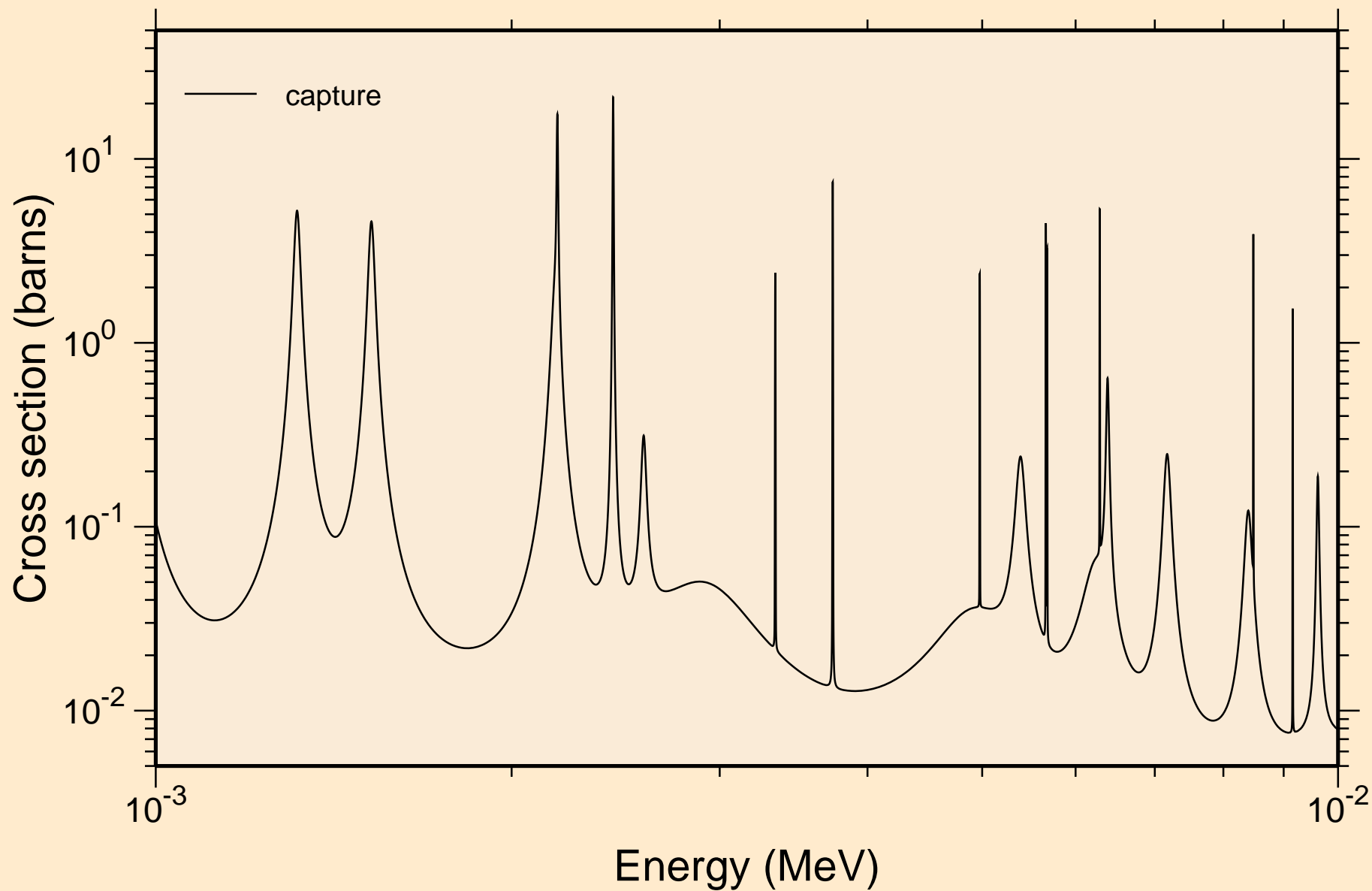
$\bar{S}N127M$  NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



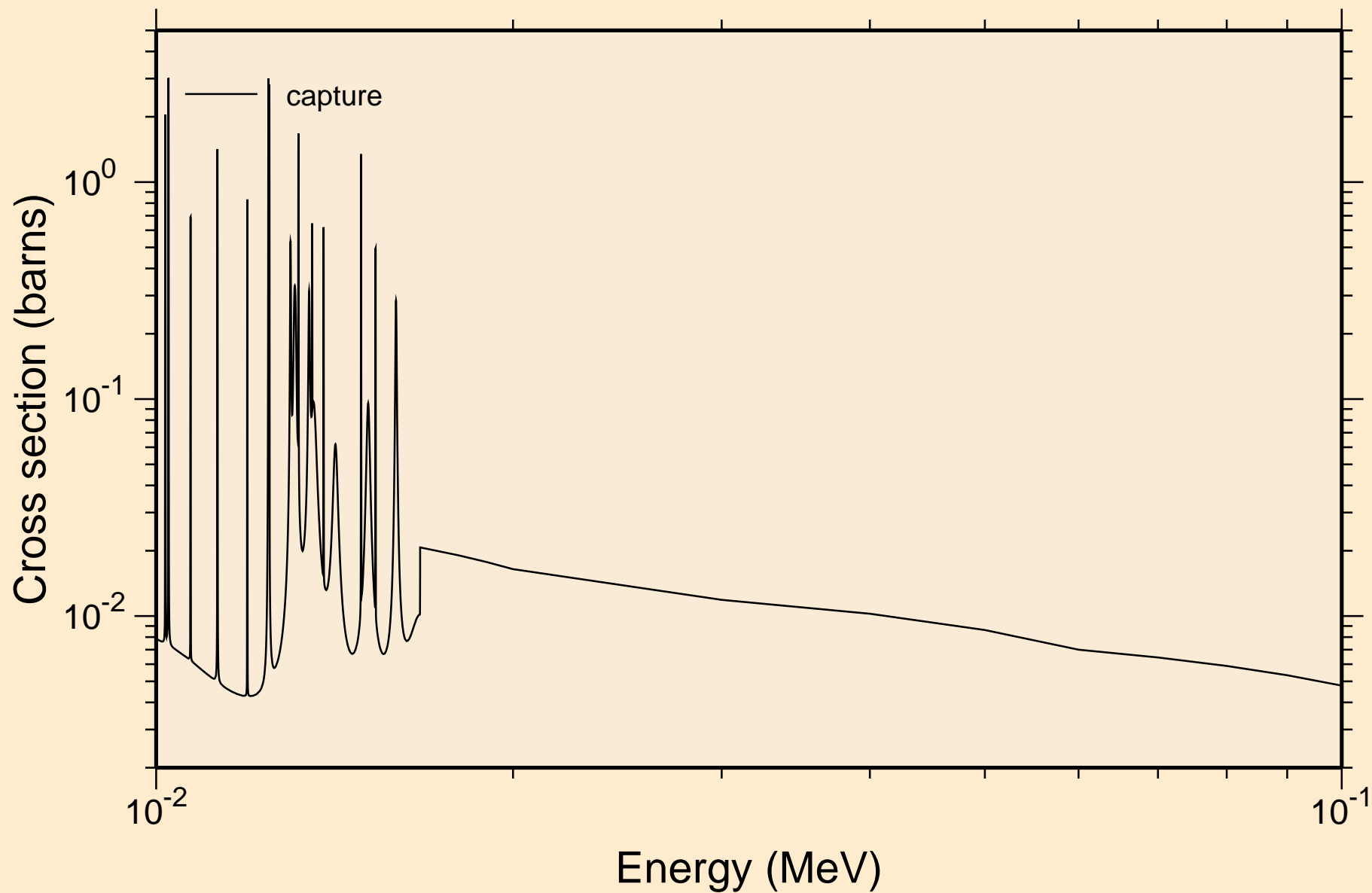
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

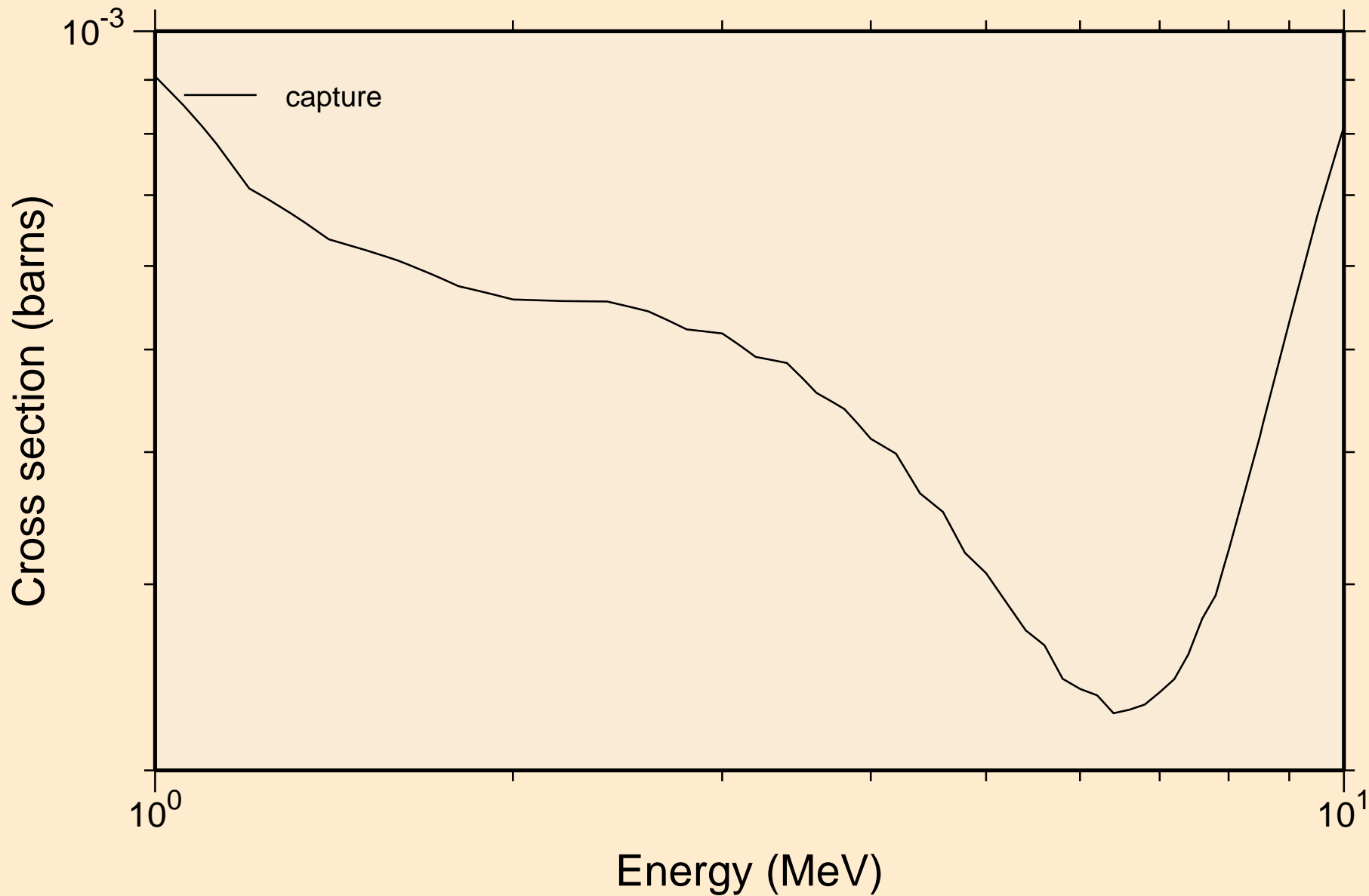


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

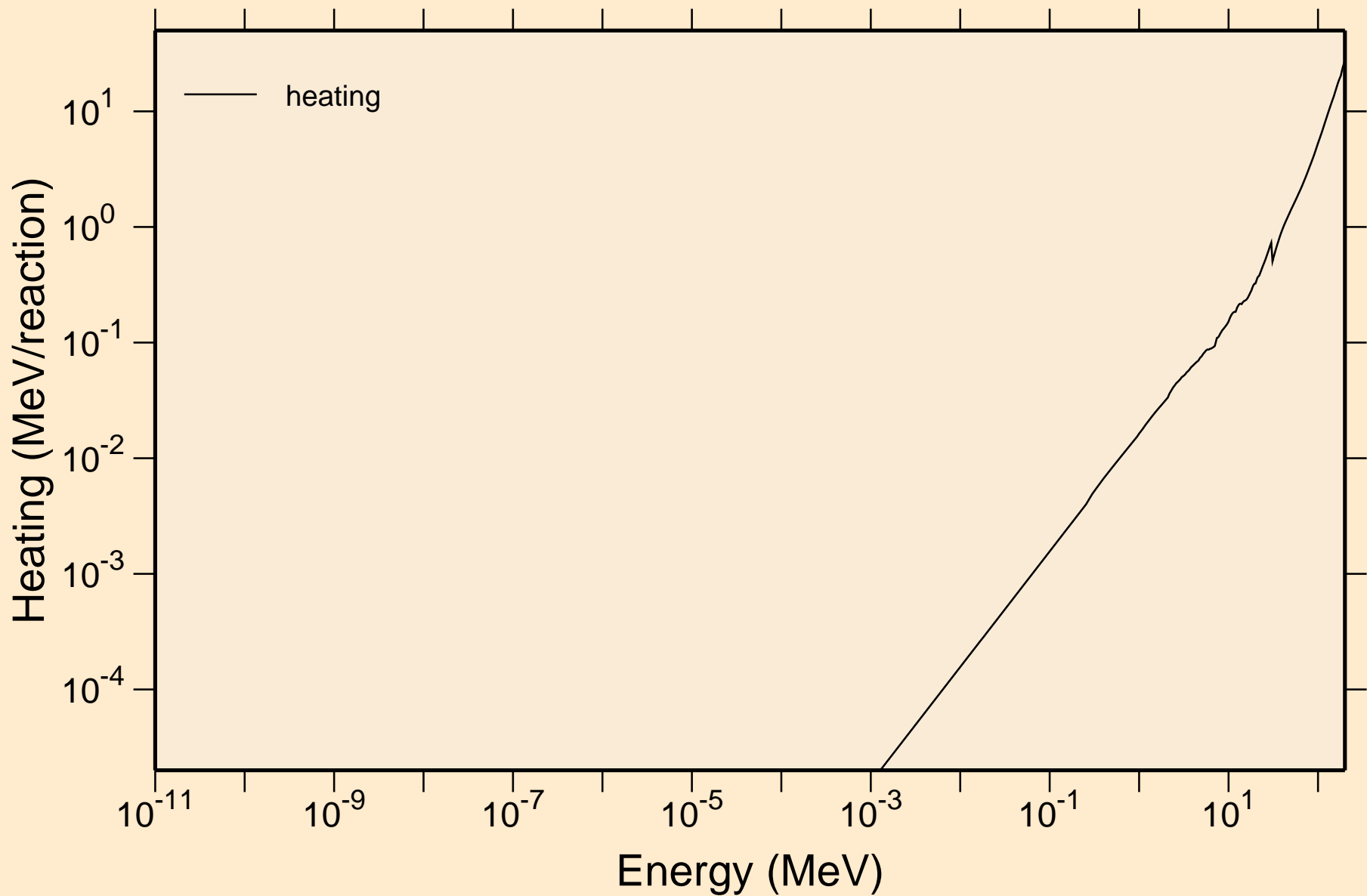




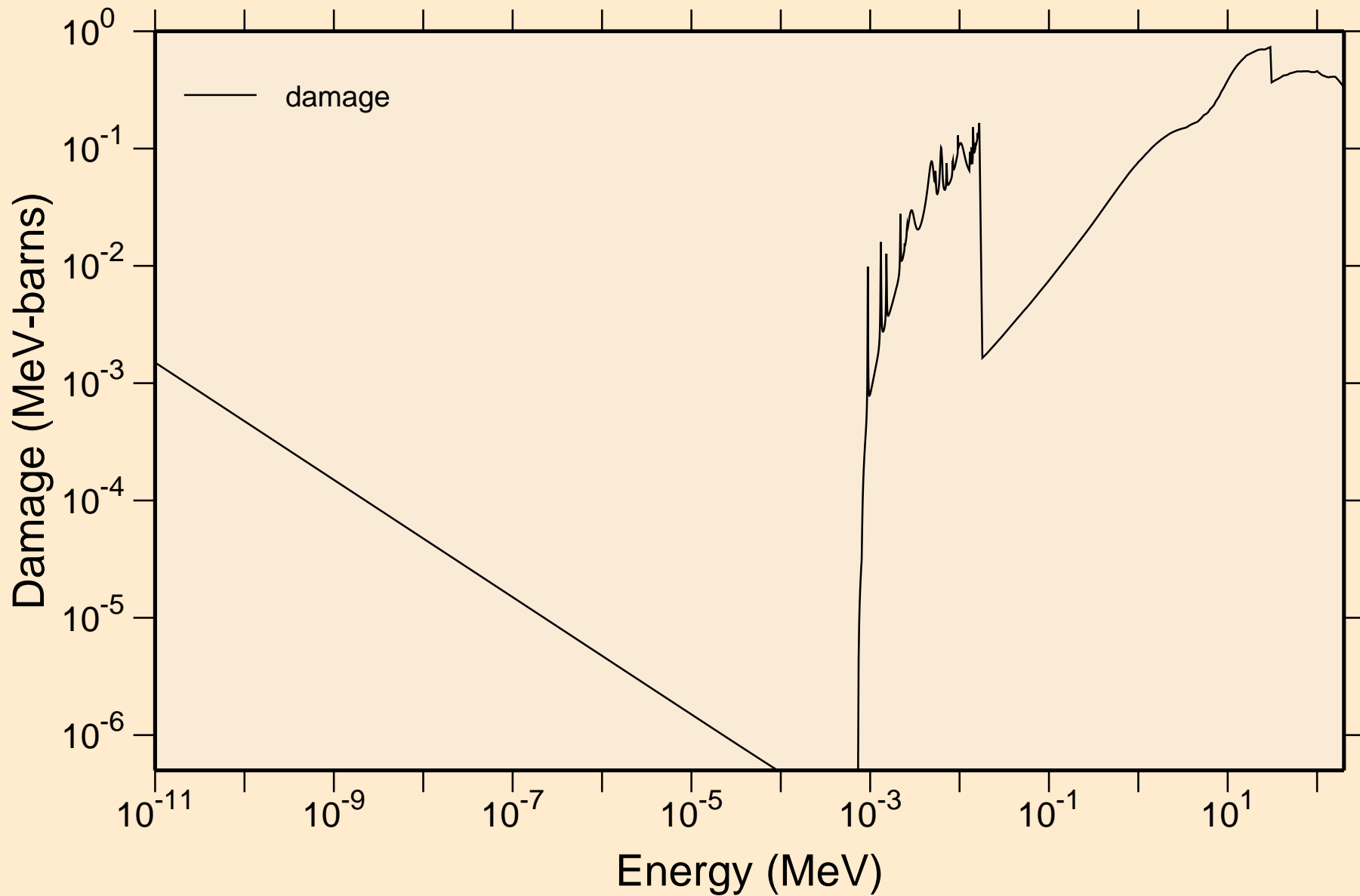
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



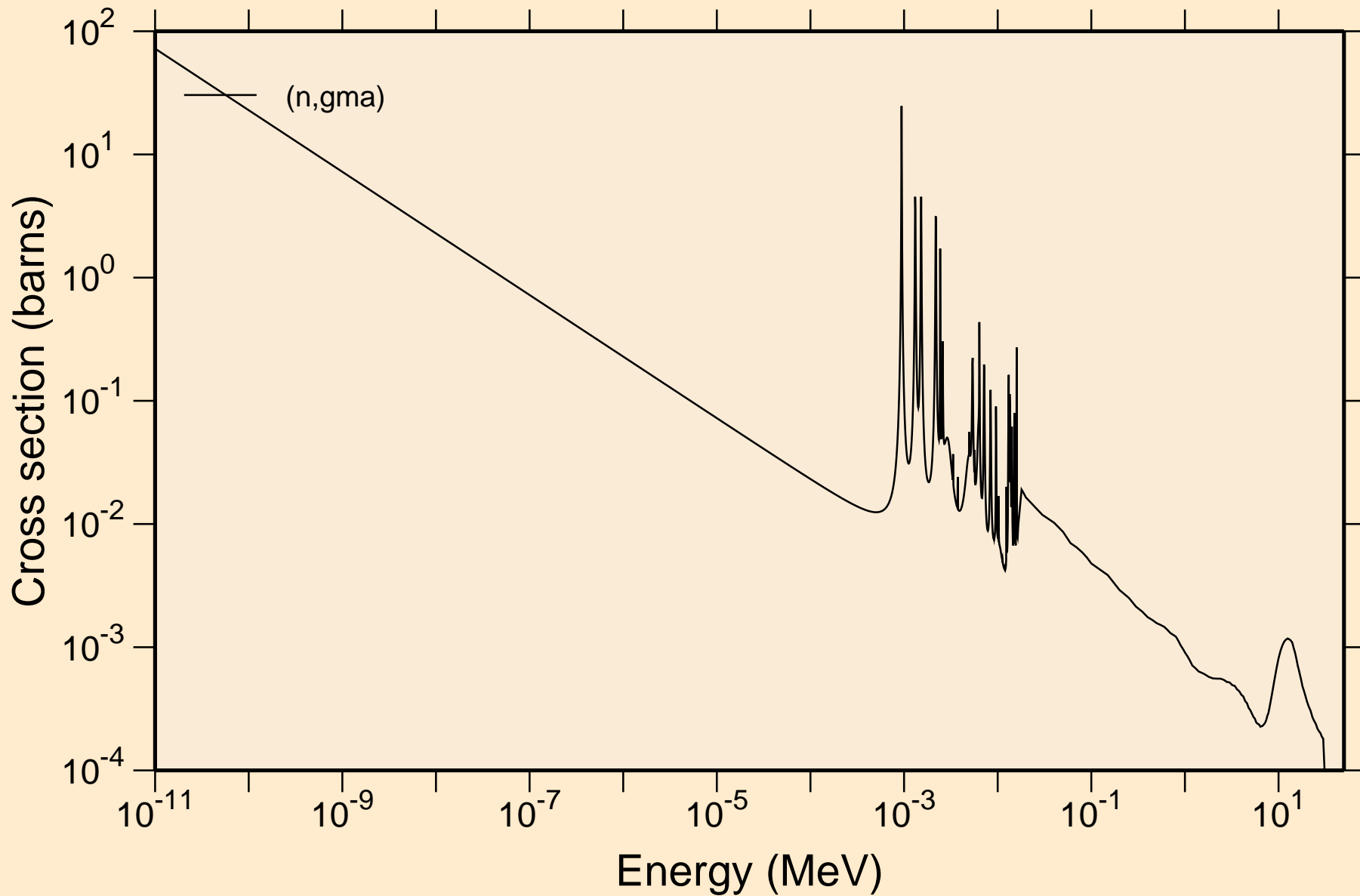
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



# SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

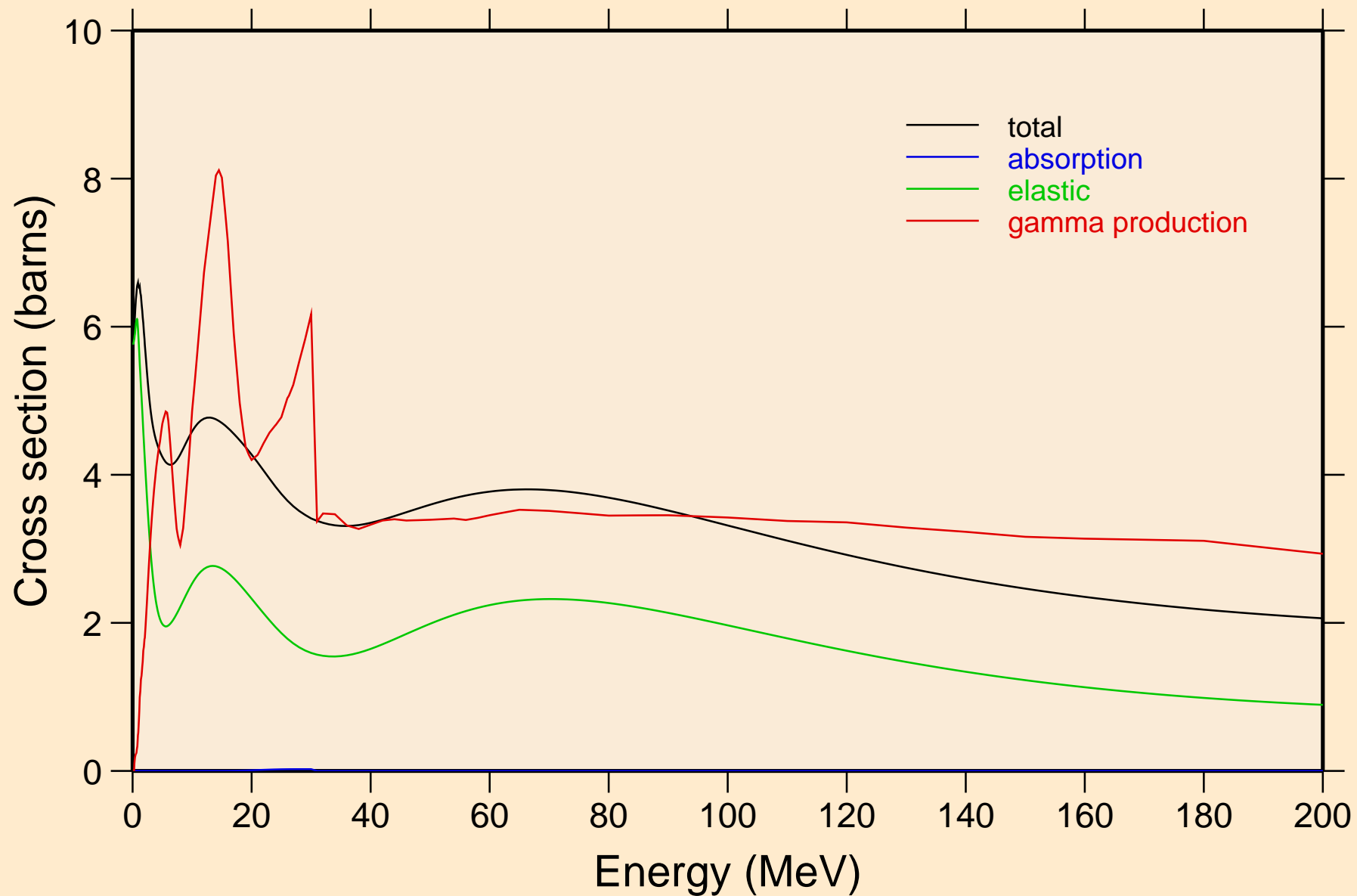


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

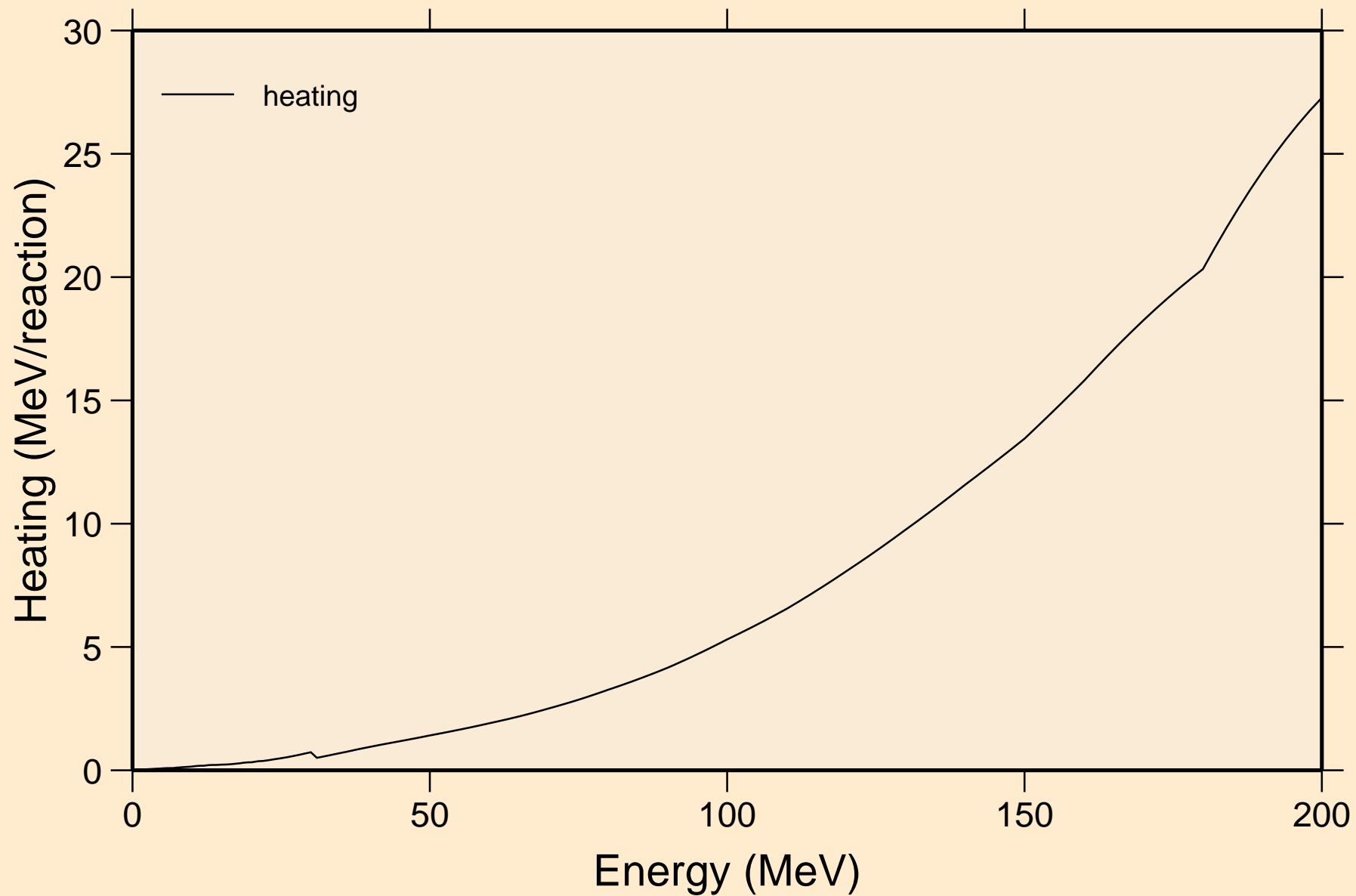


# SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

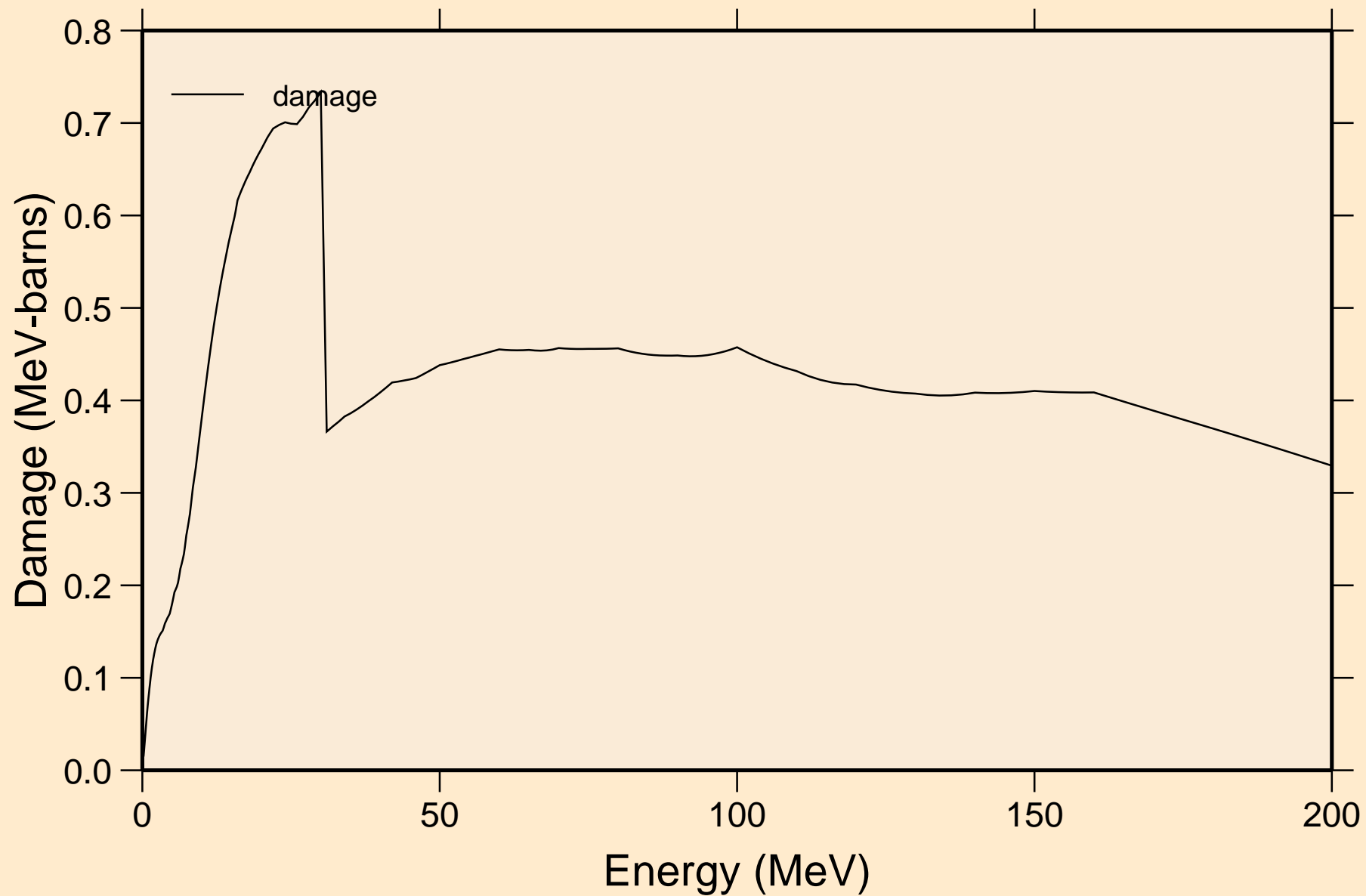
## Principal cross sections



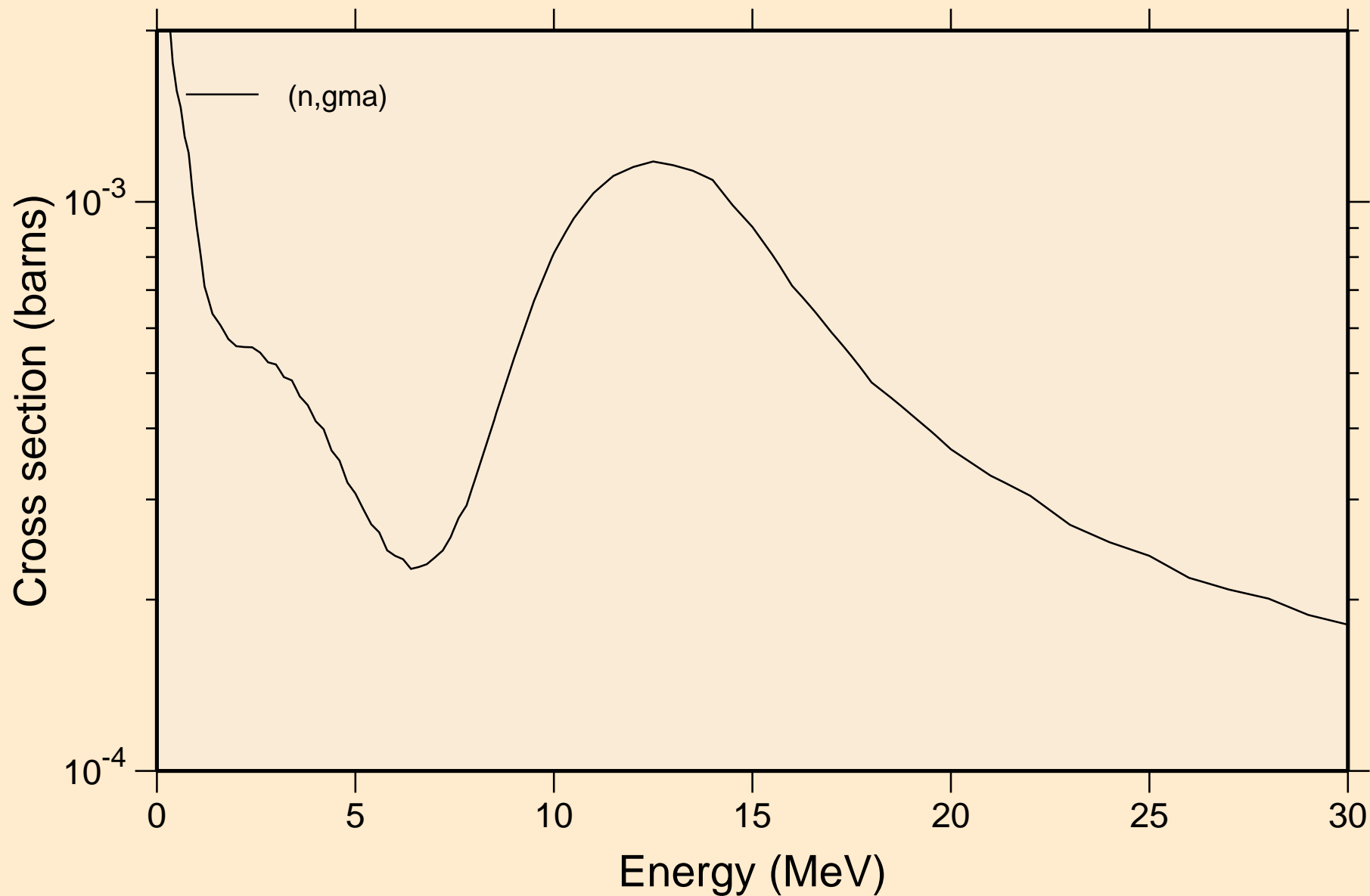
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



# SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

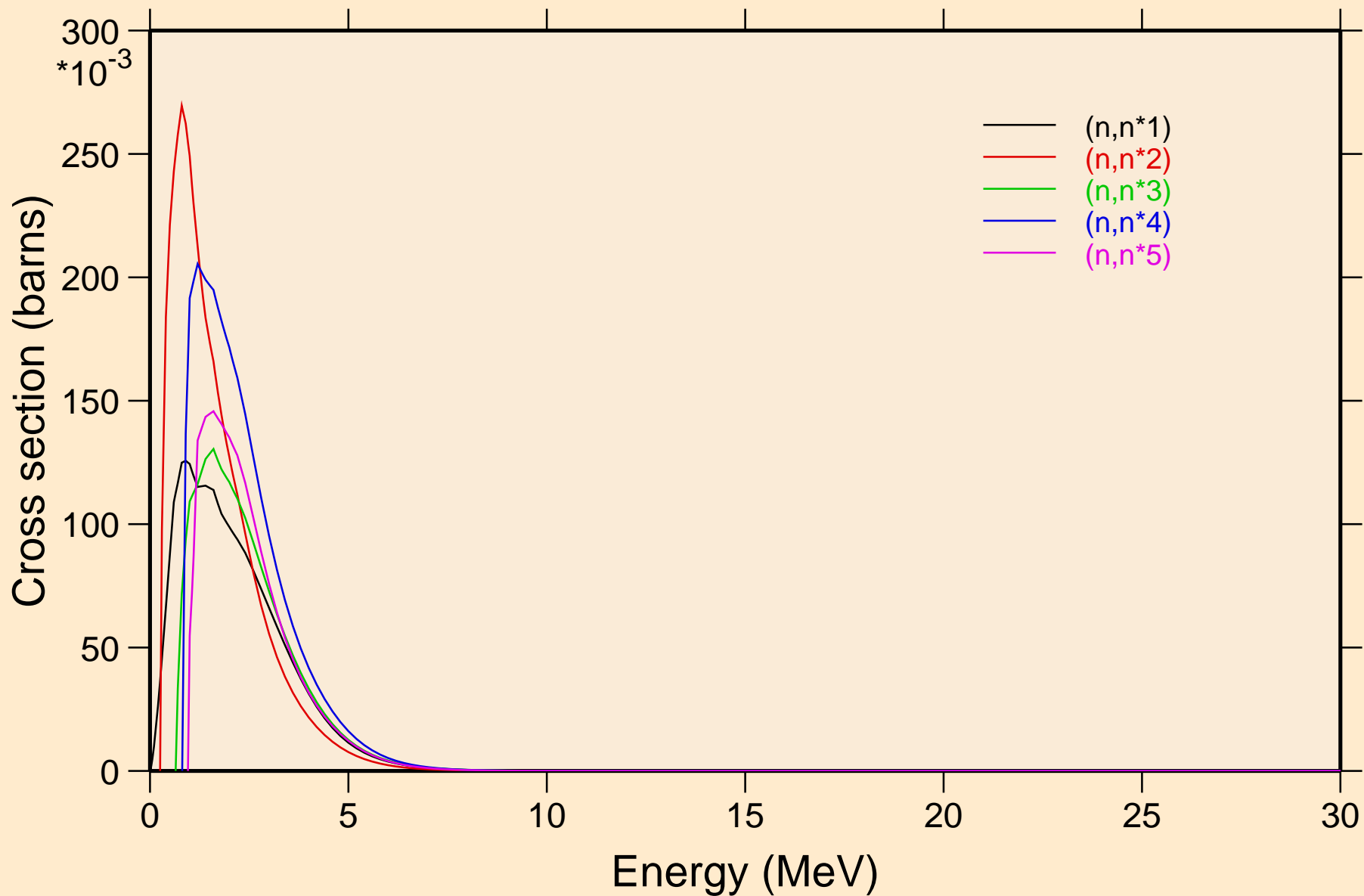


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



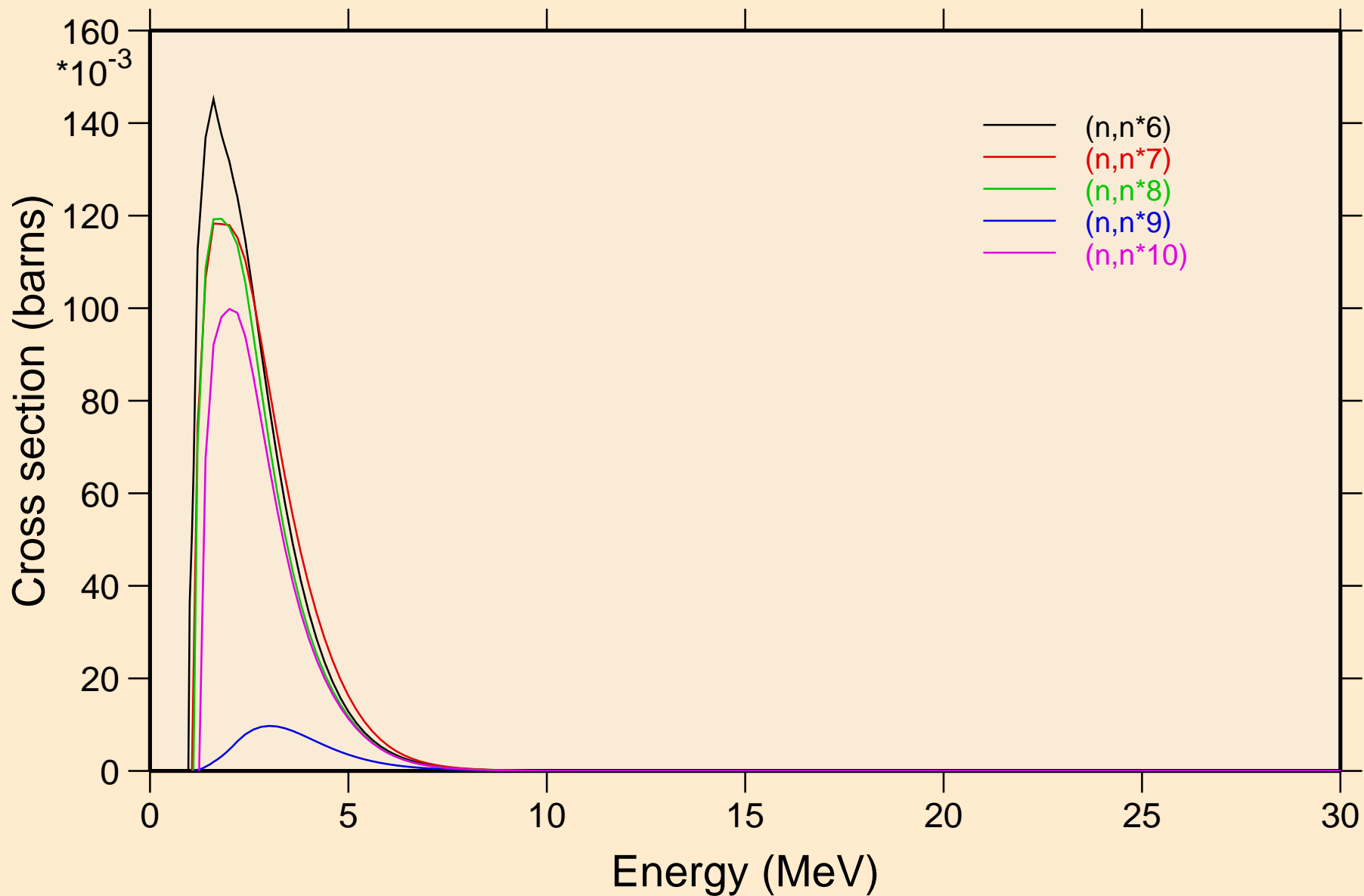


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

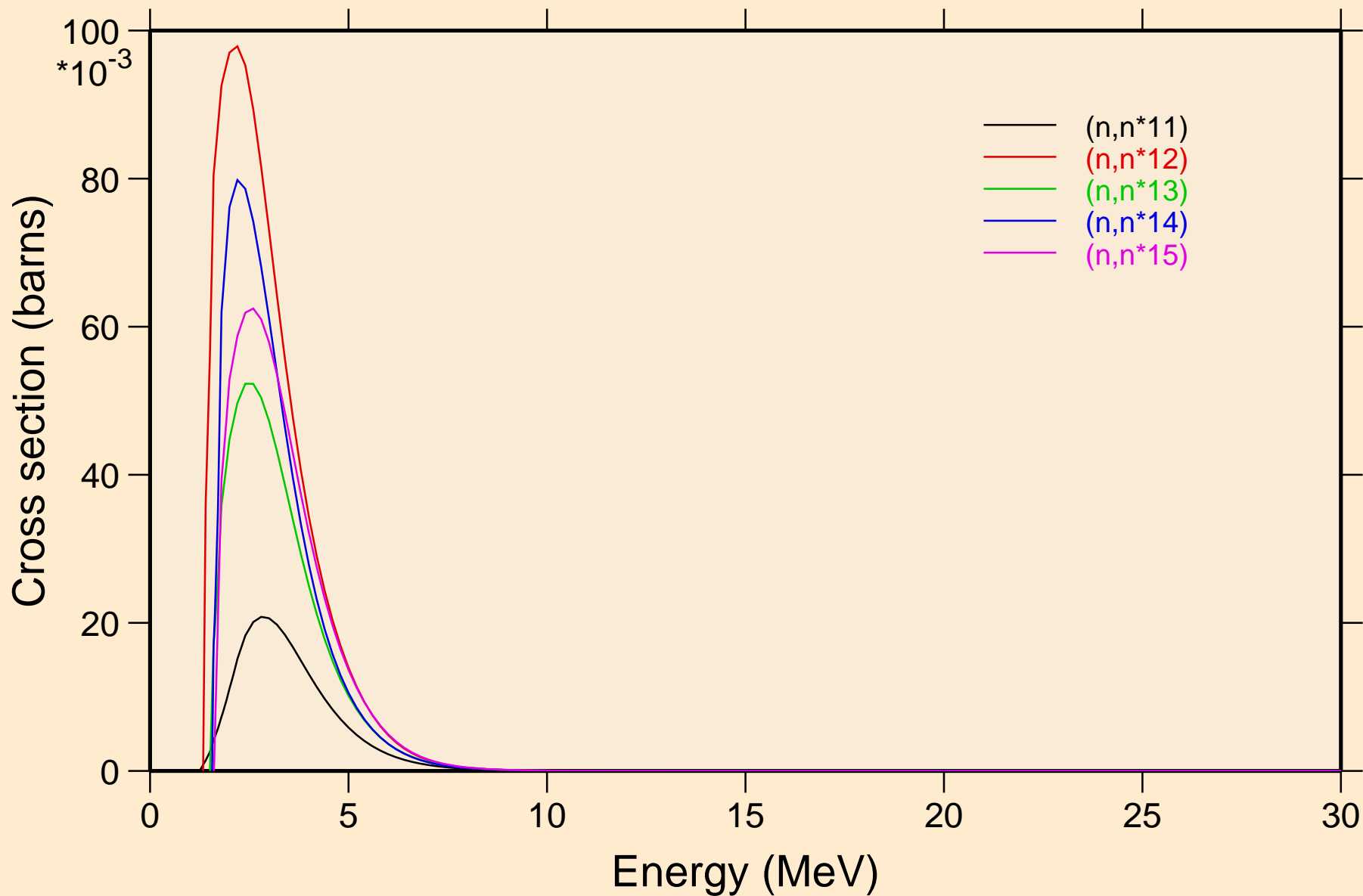


# SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

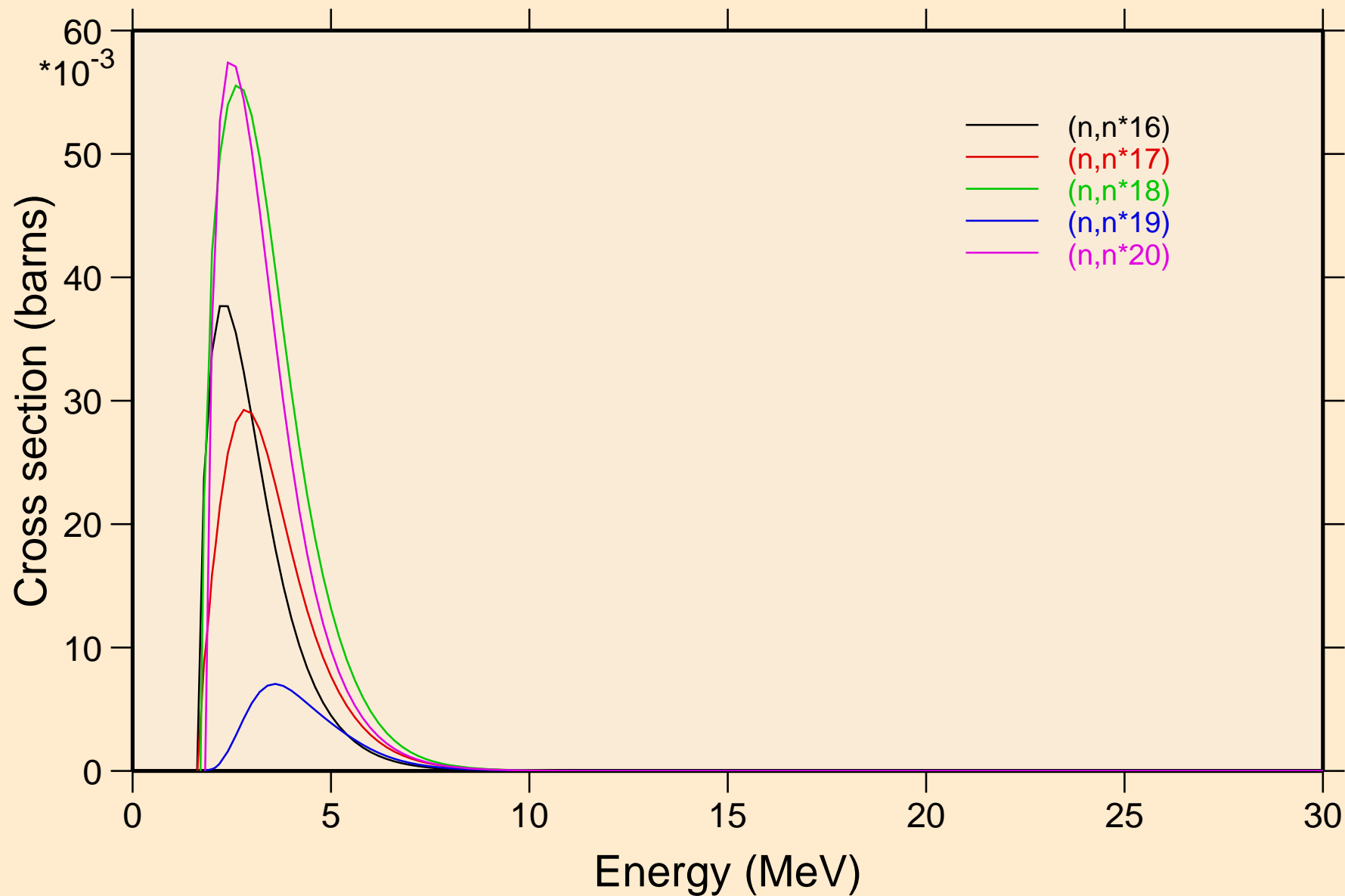
## Inelastic levels



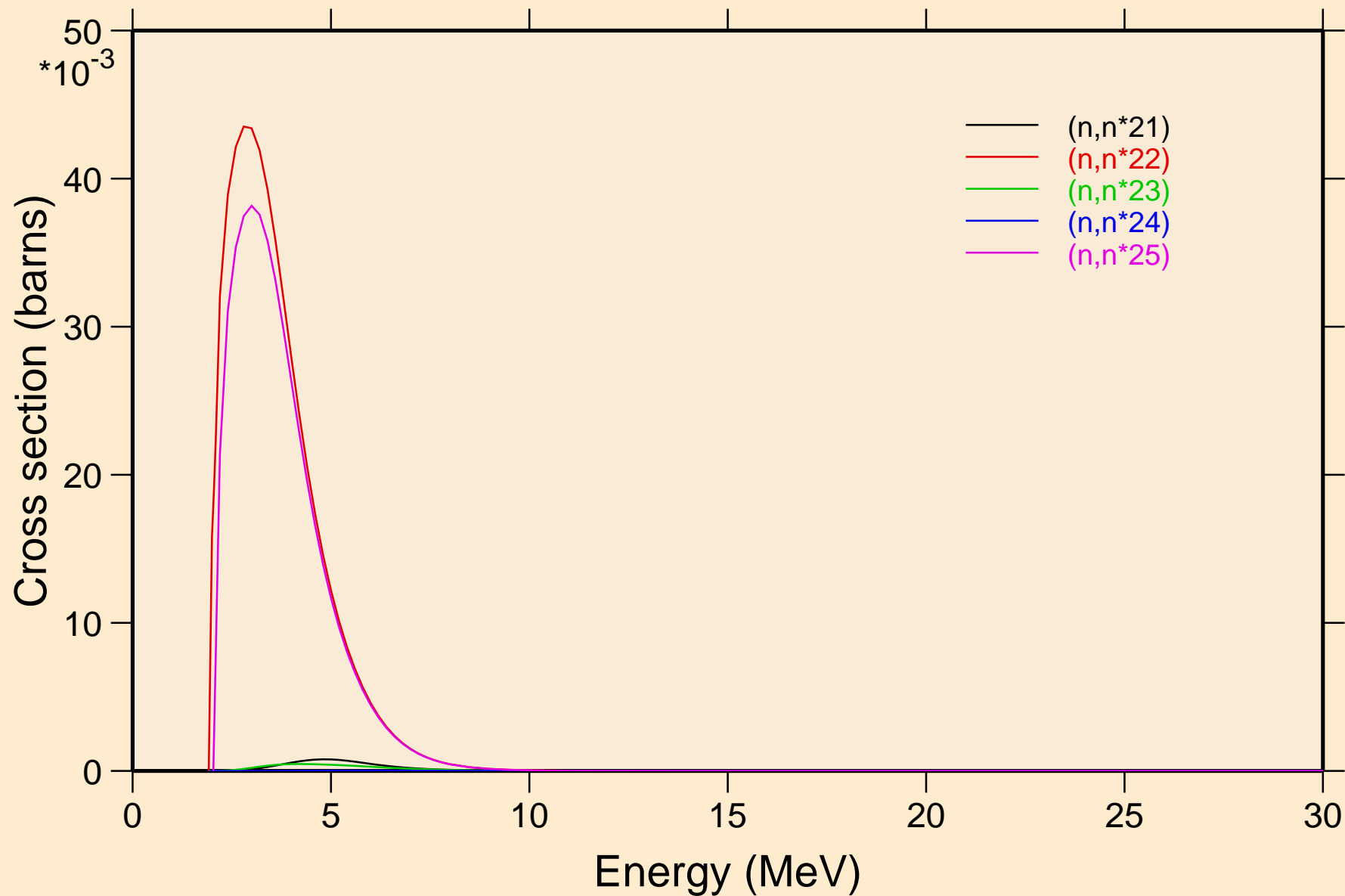
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



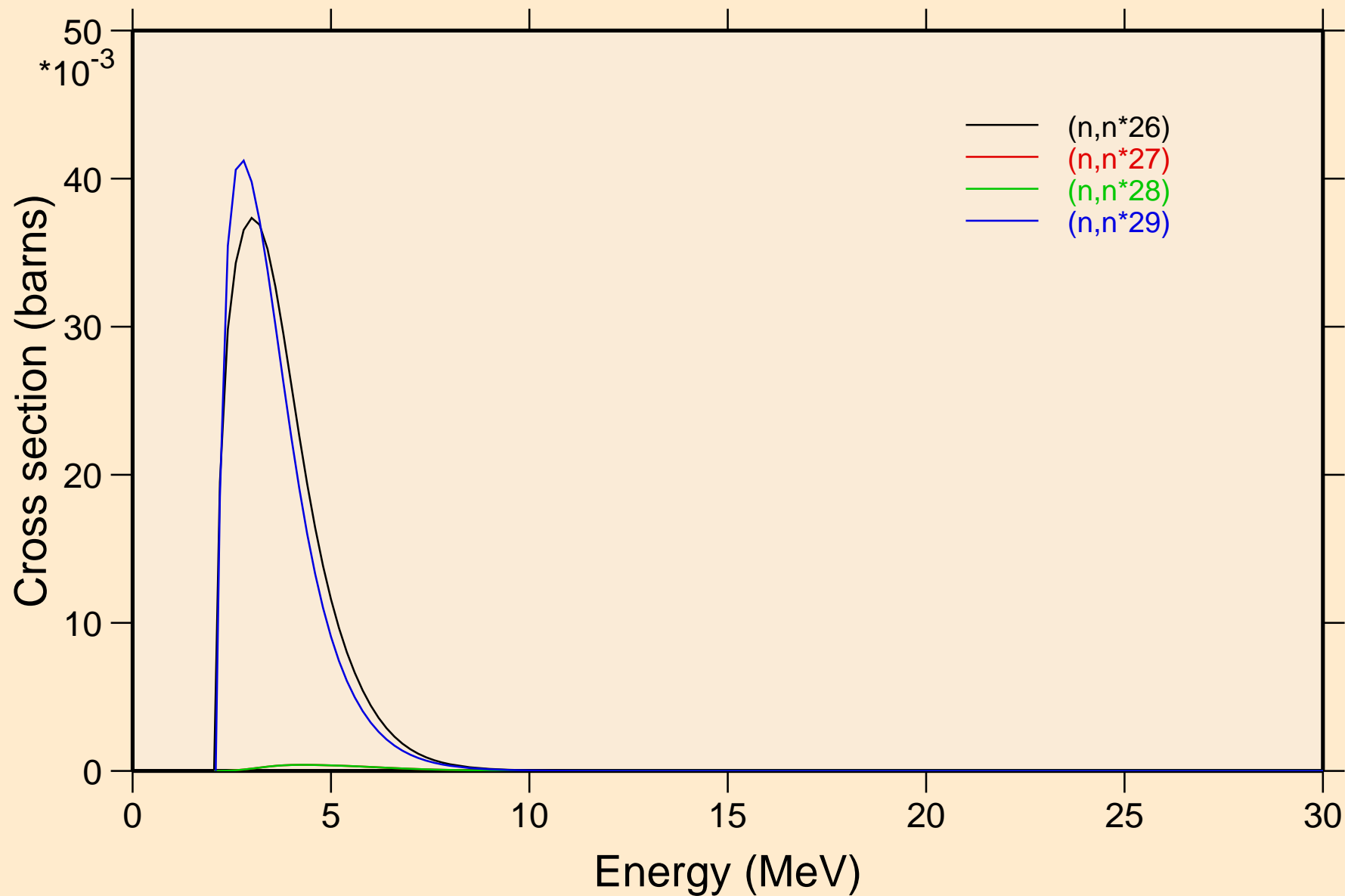
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

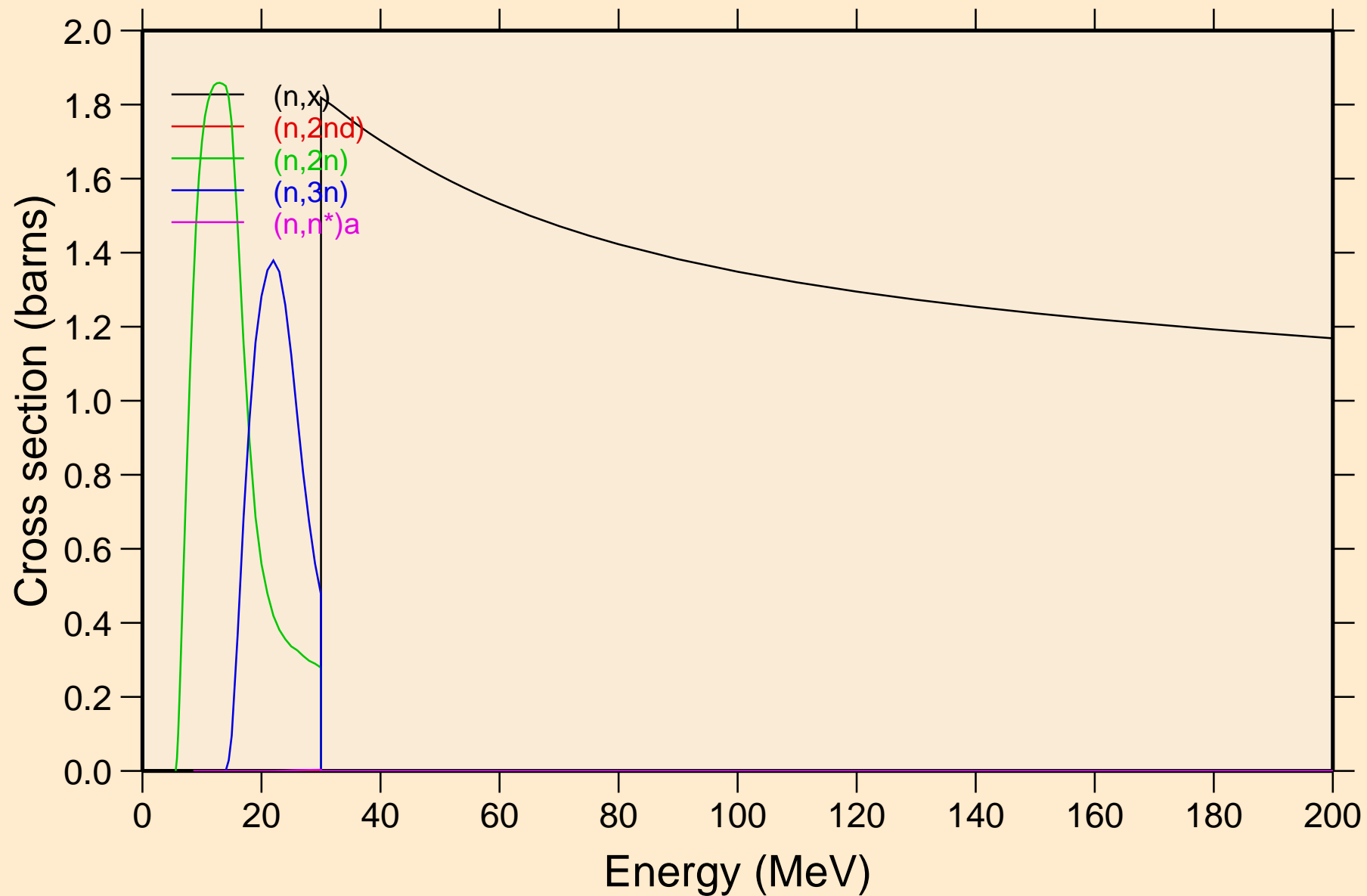


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



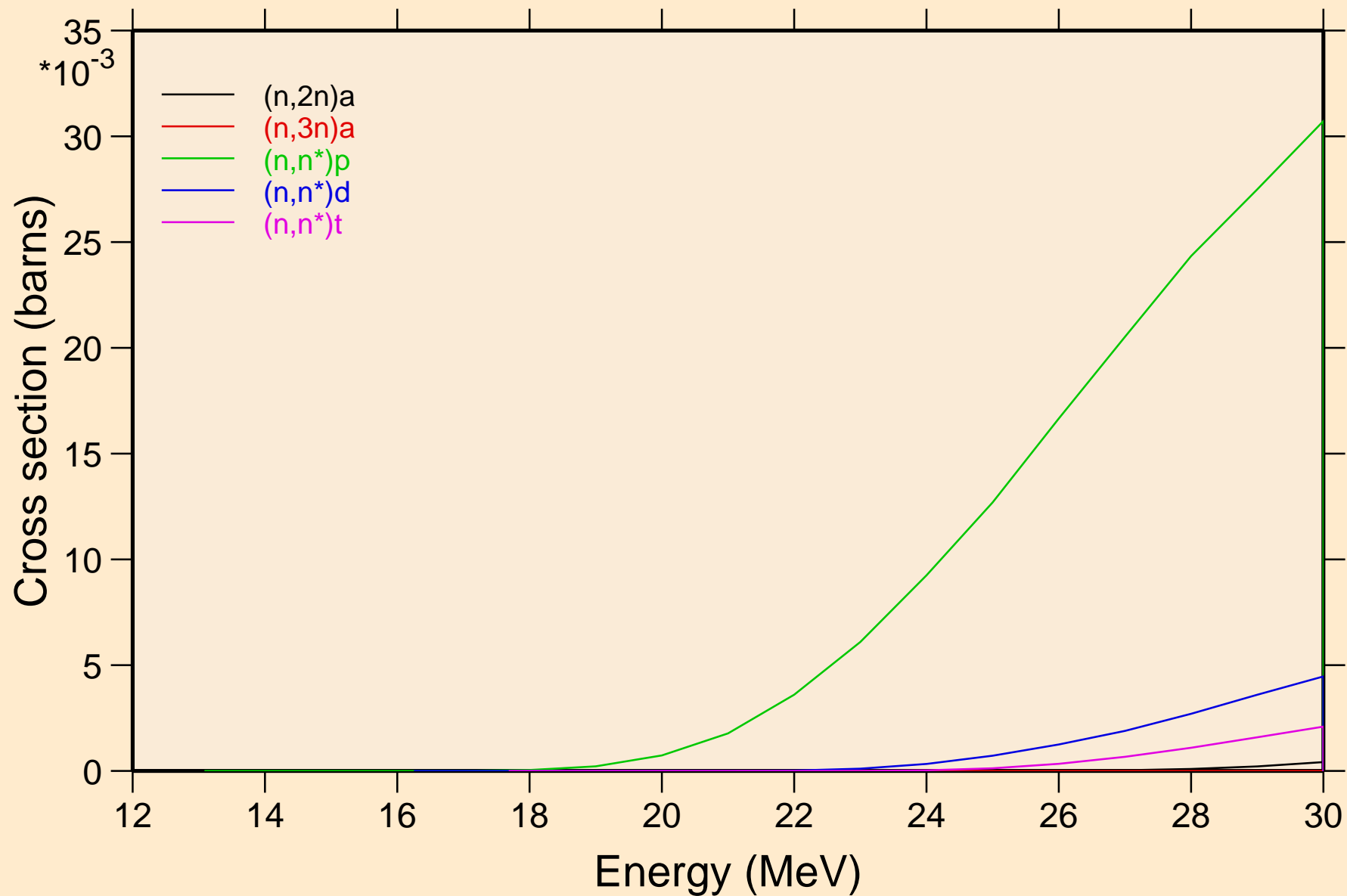
# SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions



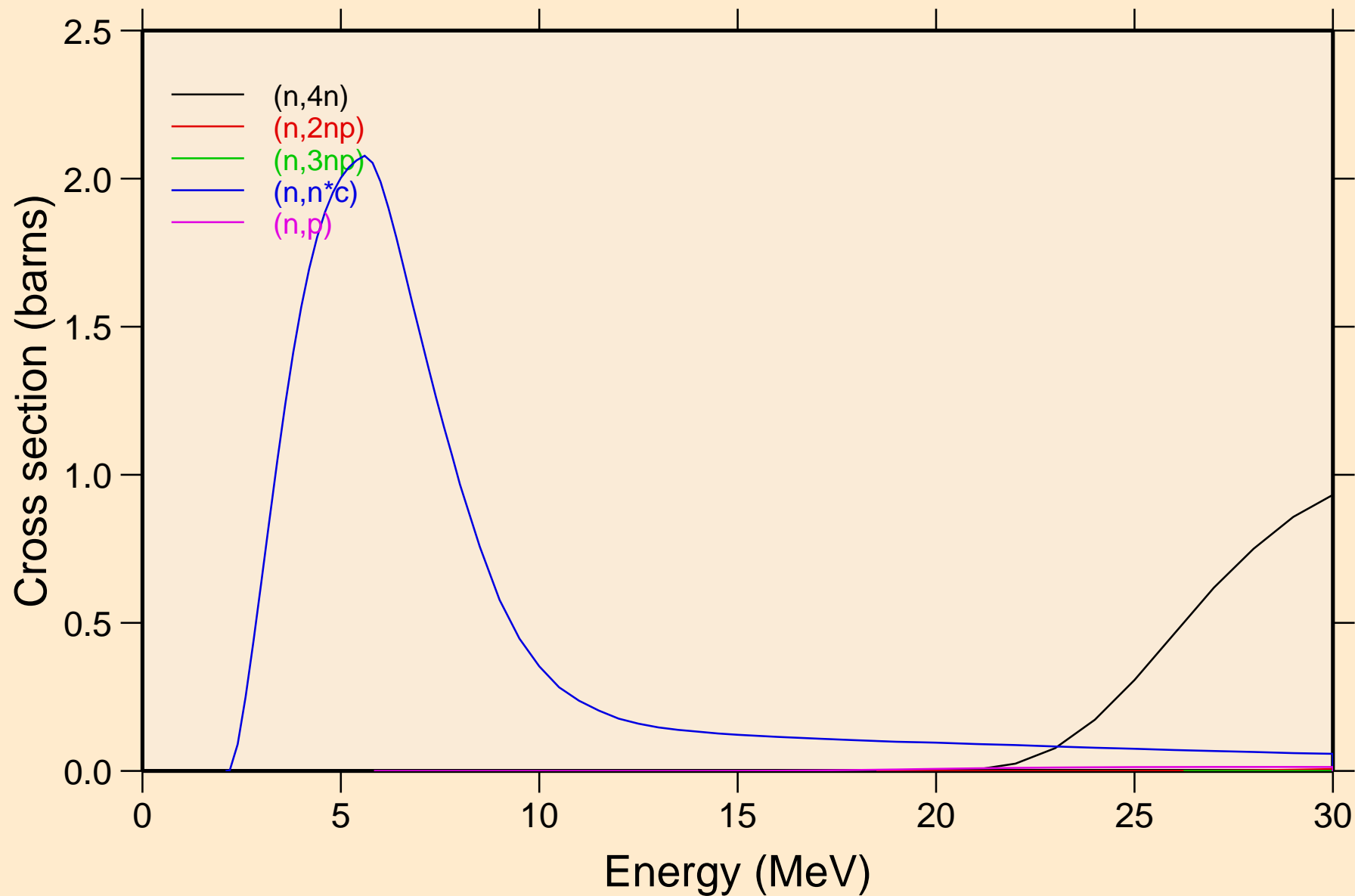
# SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

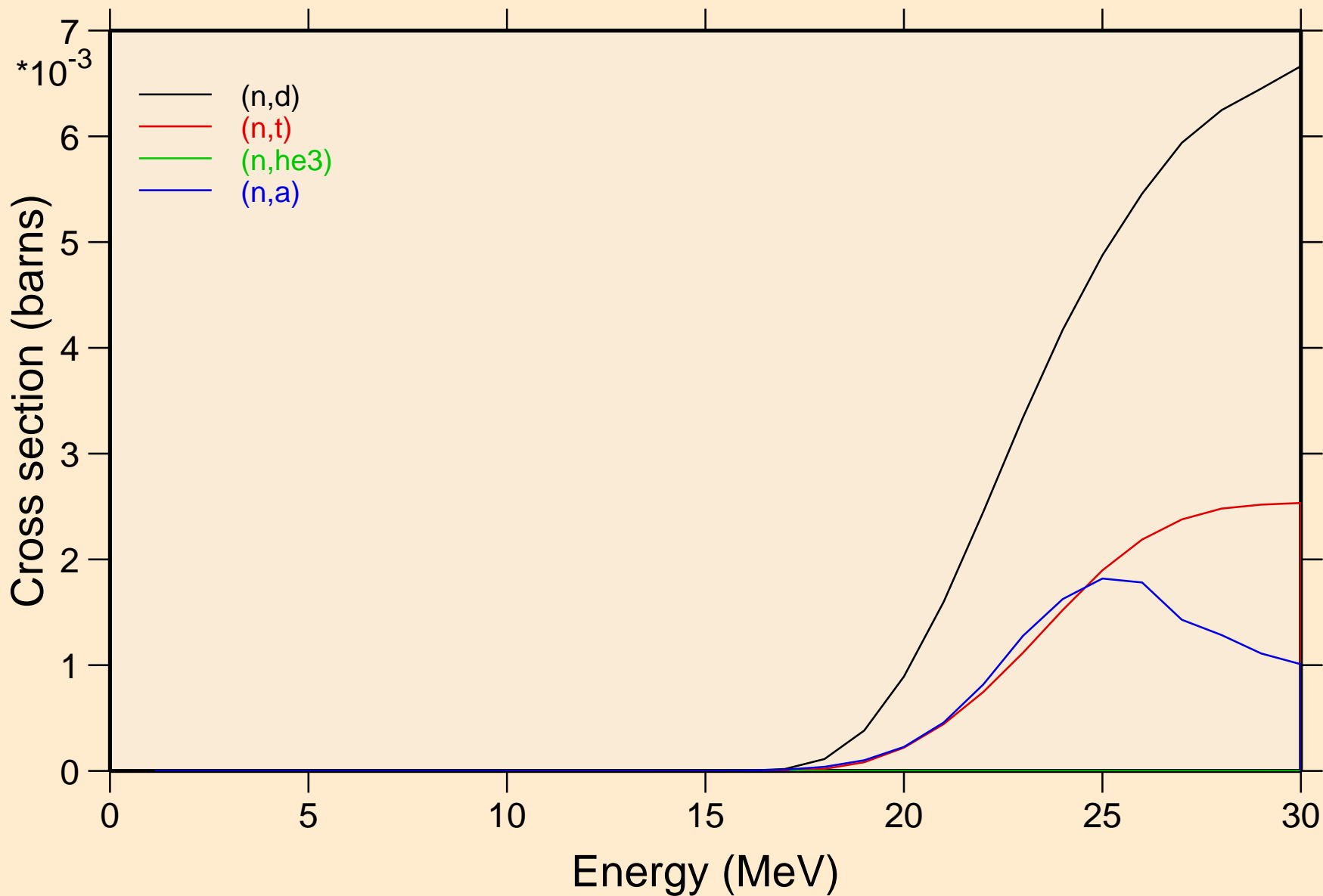




SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

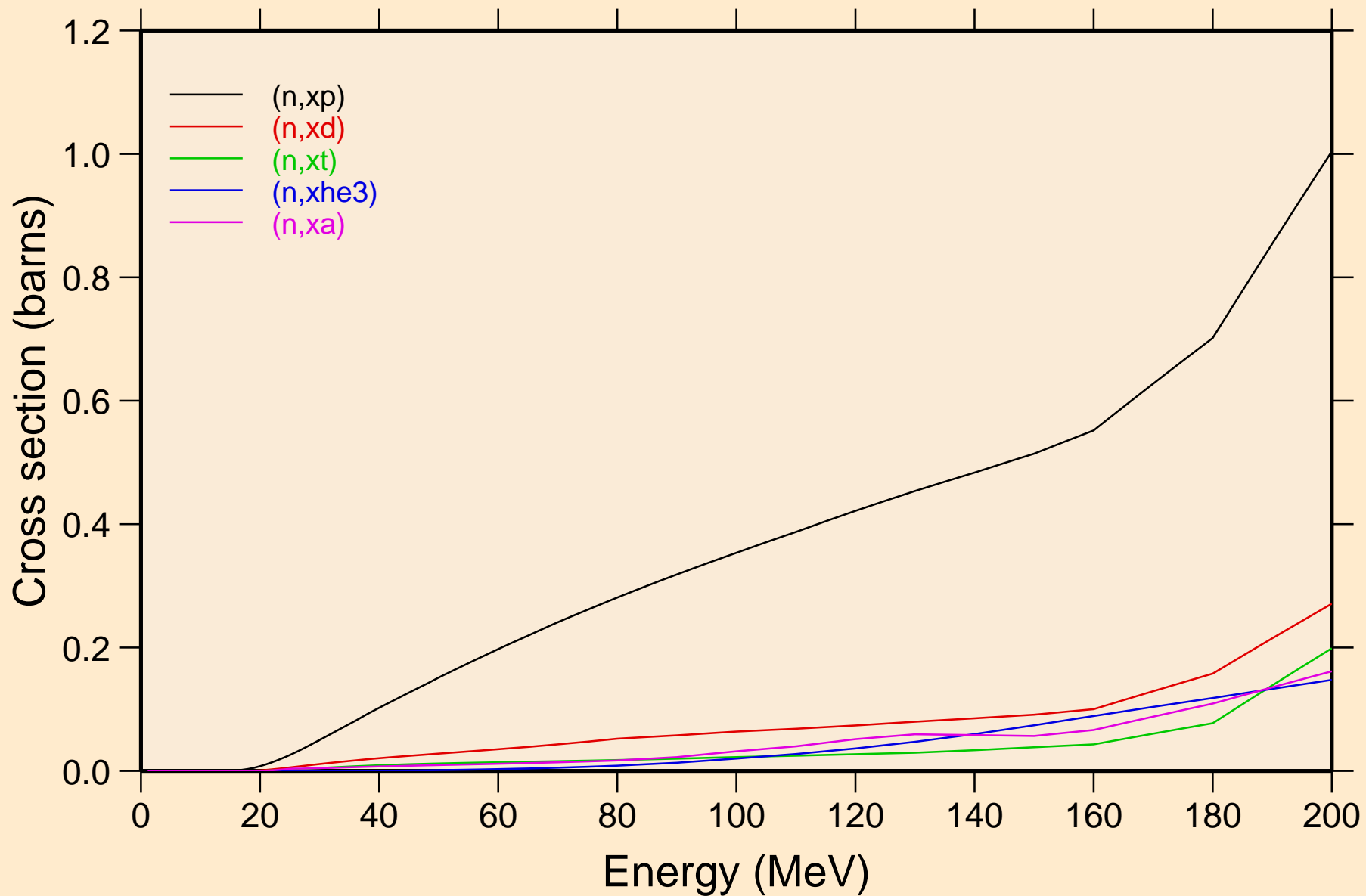


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

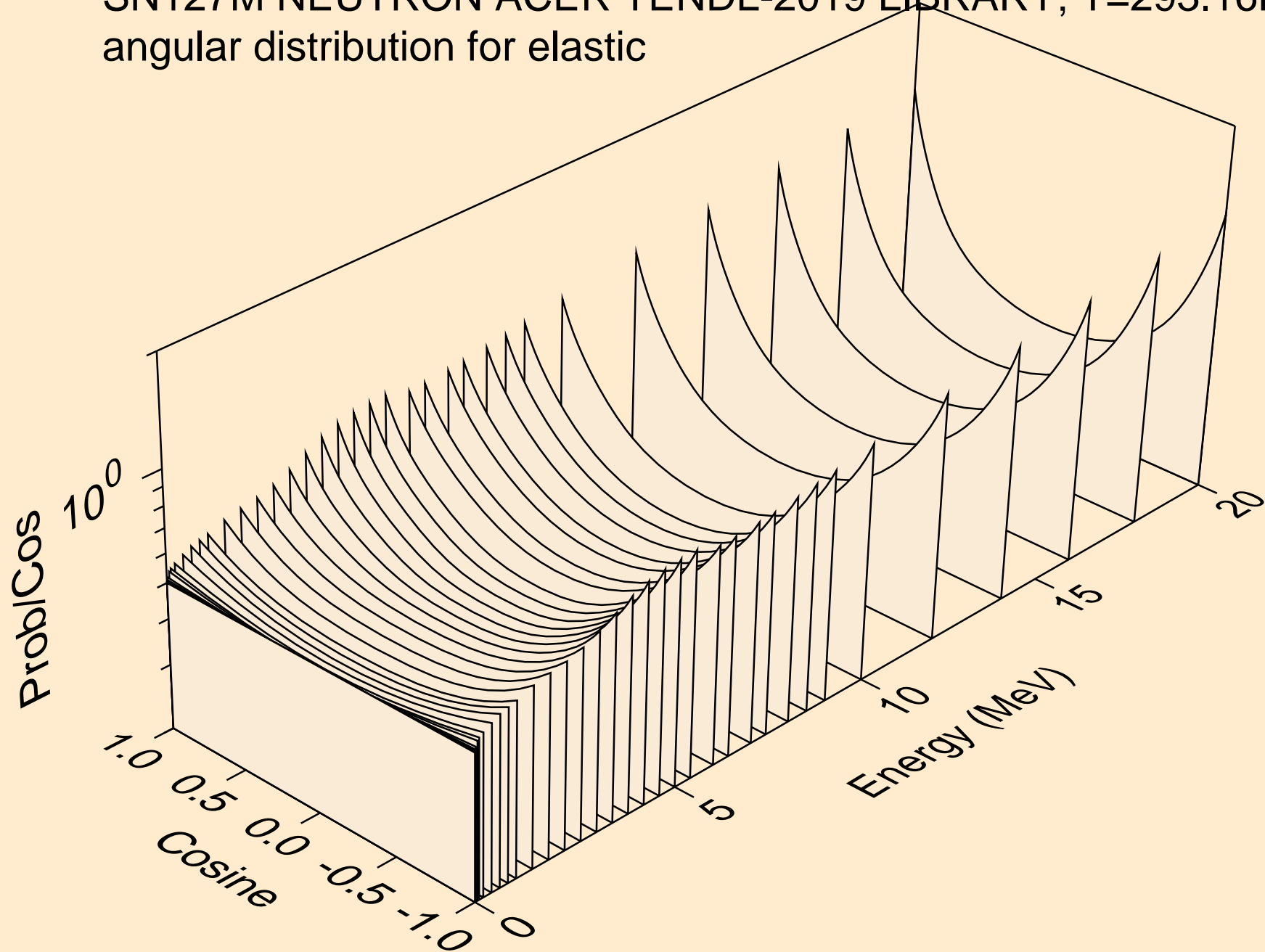


# SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

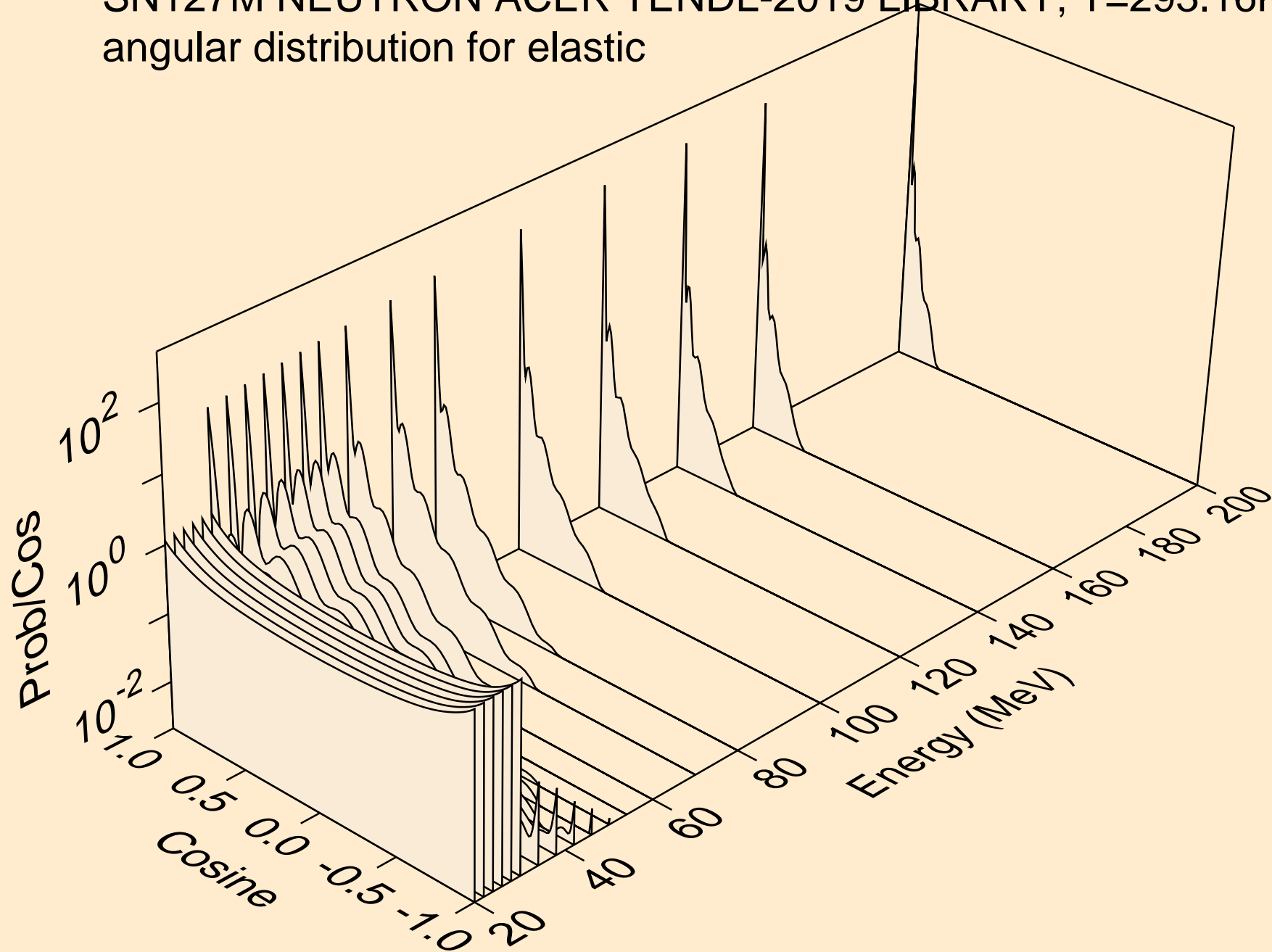
## Threshold reactions



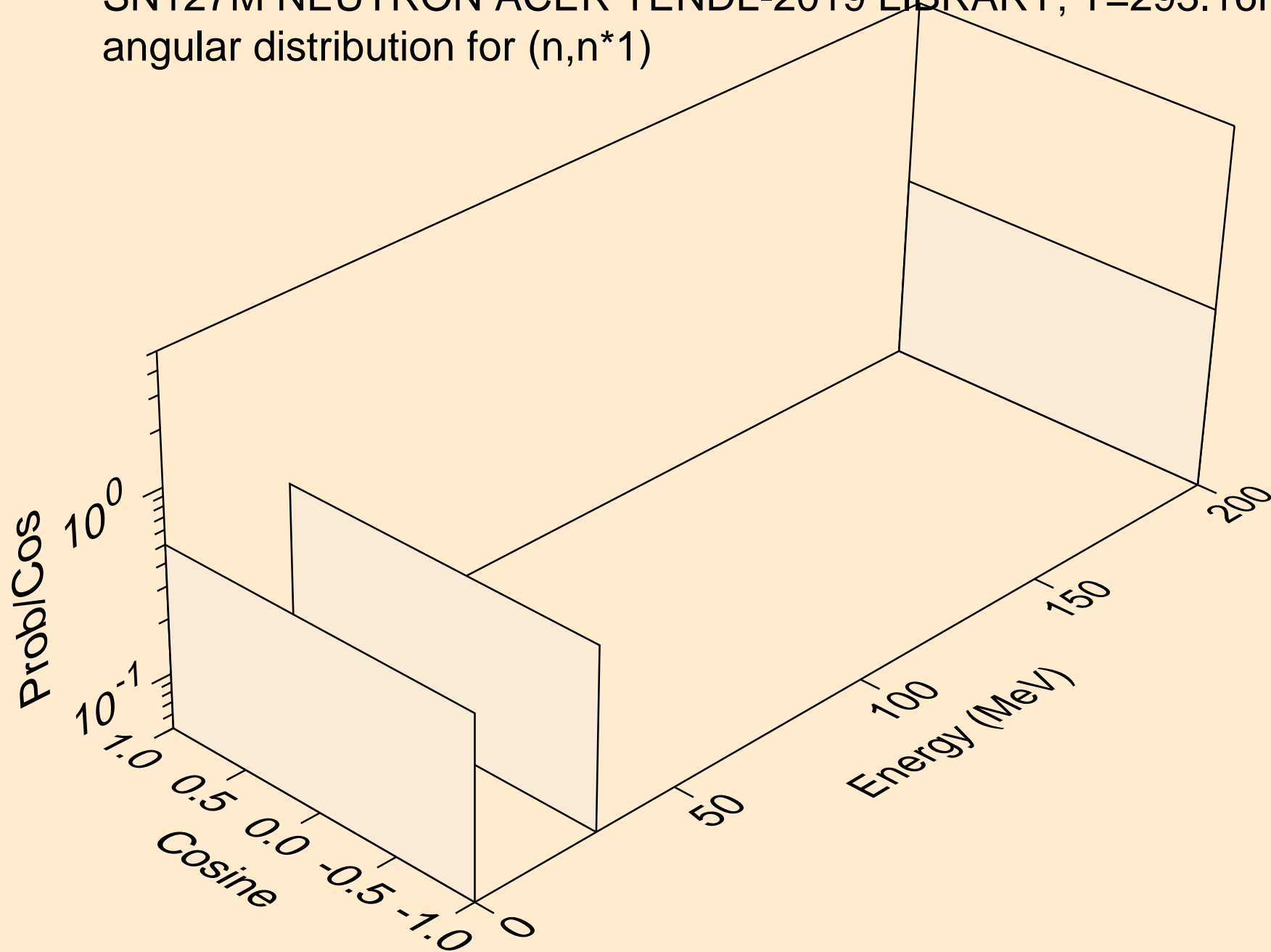
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



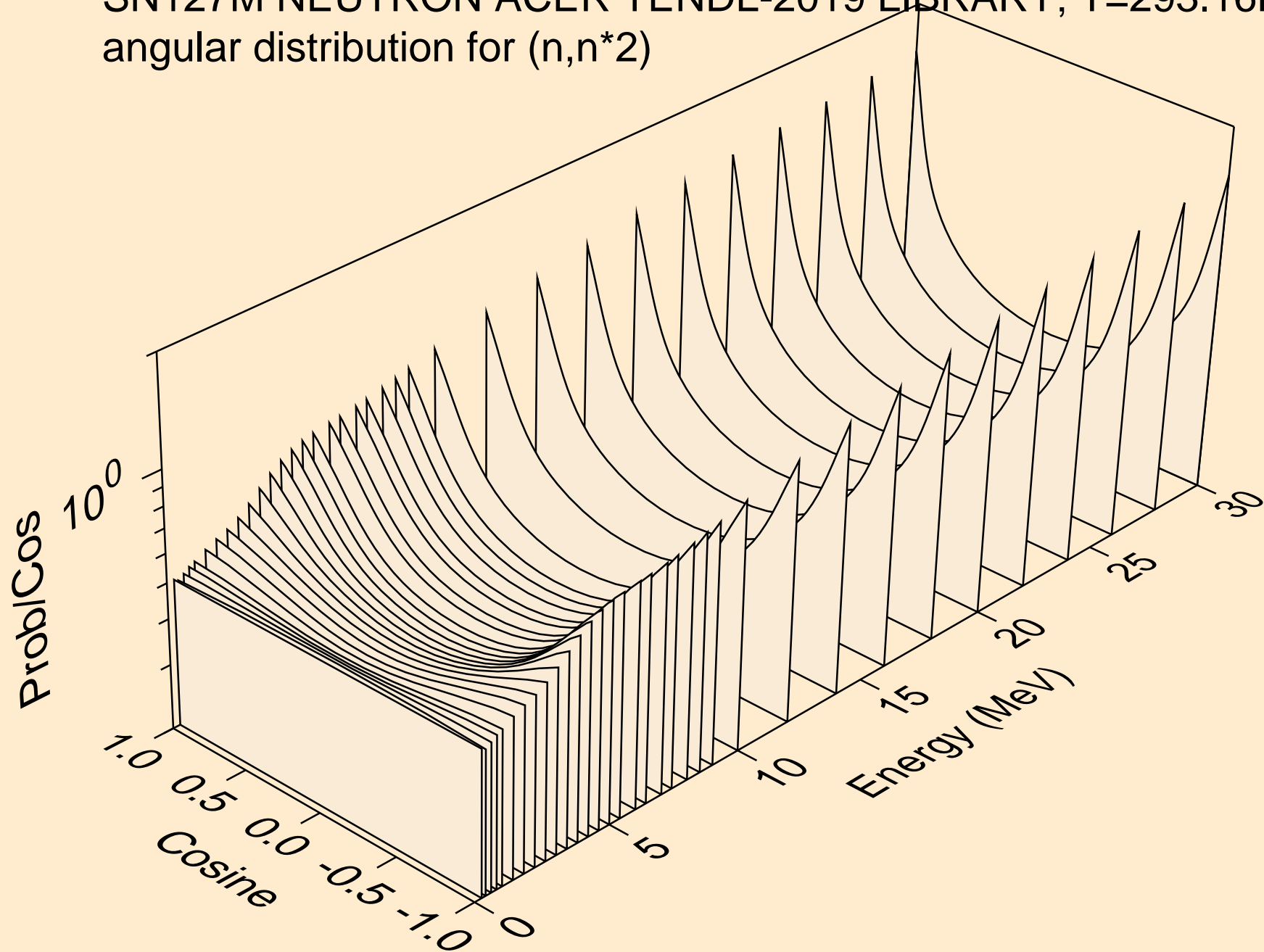
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



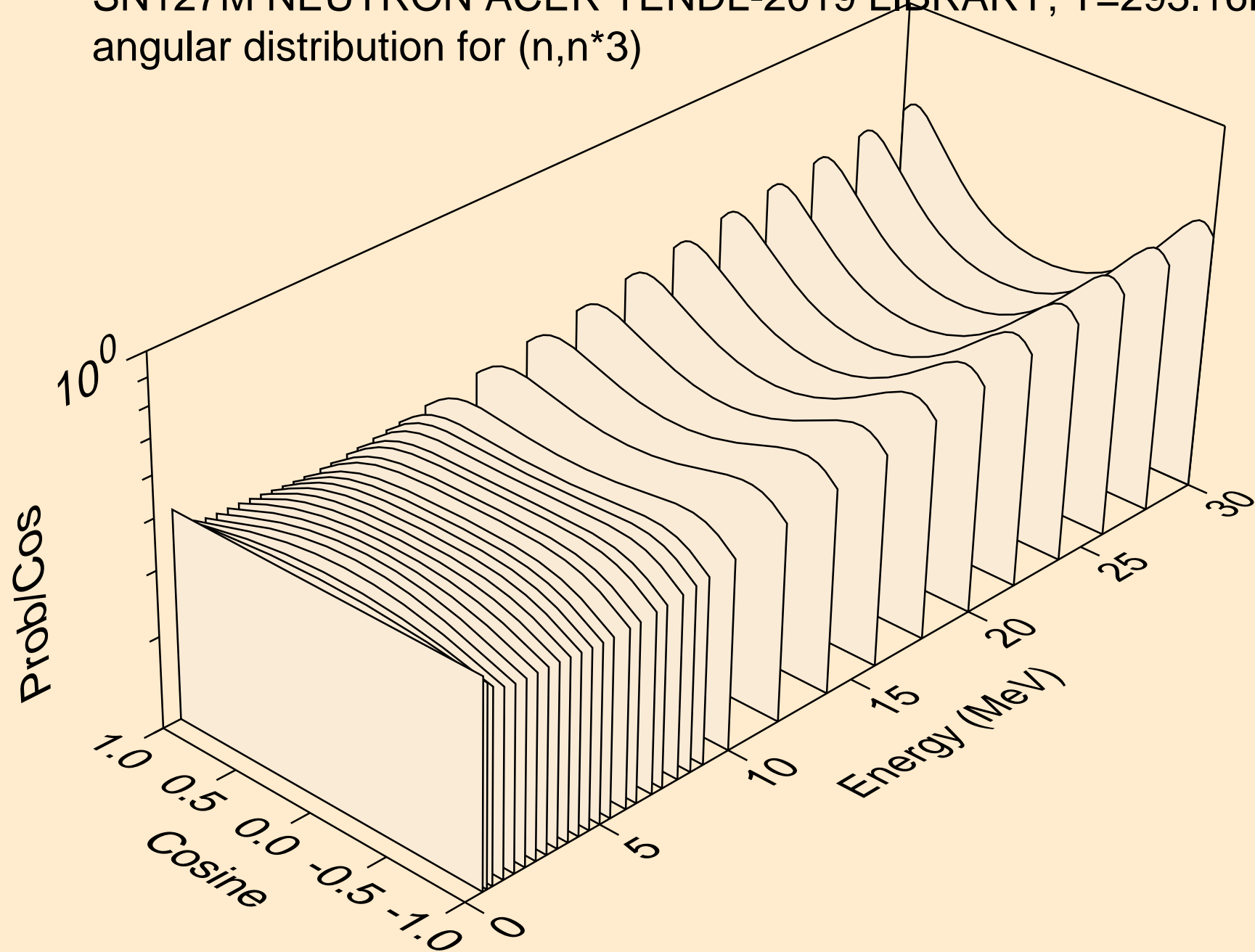
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)

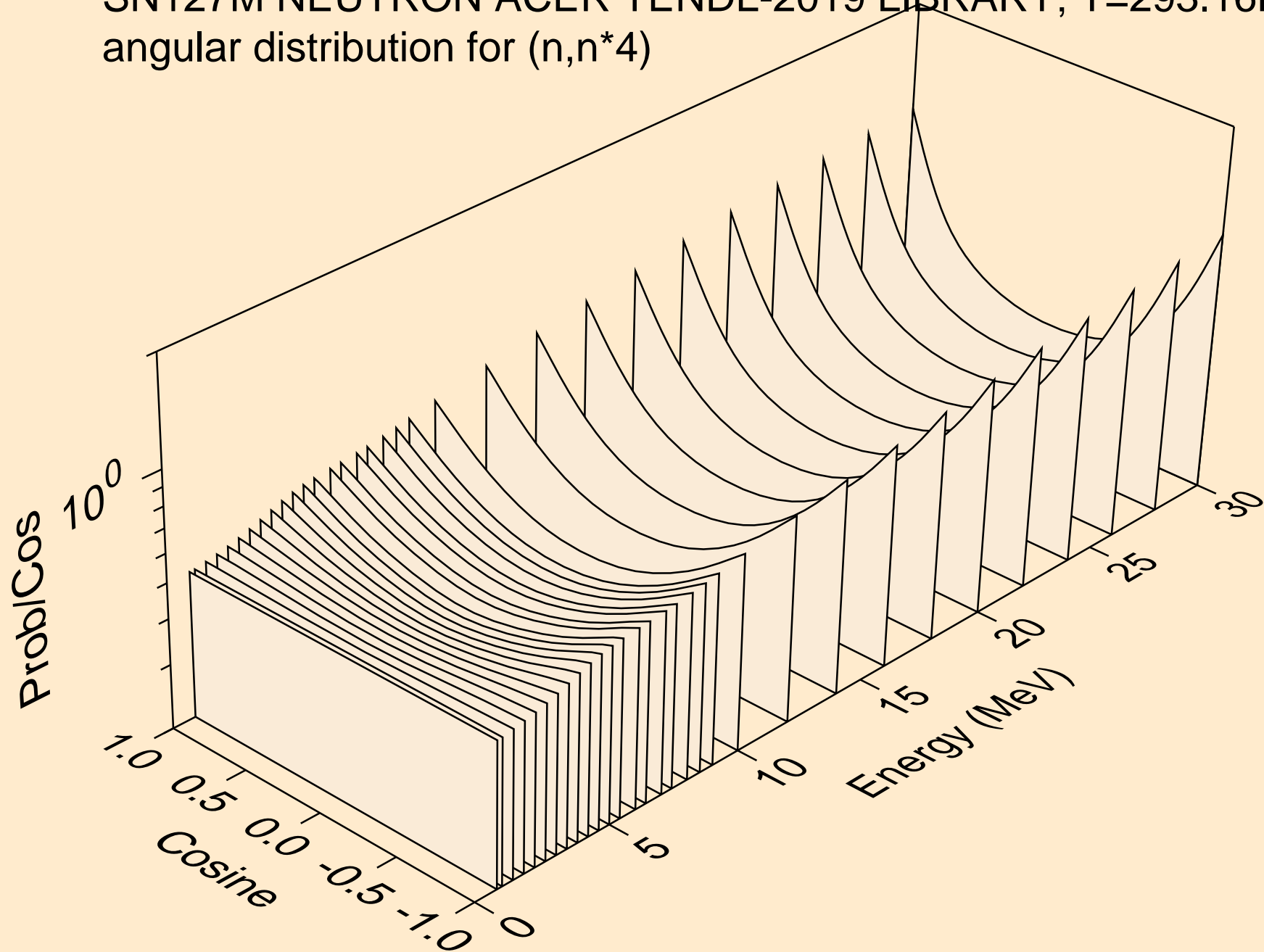


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)

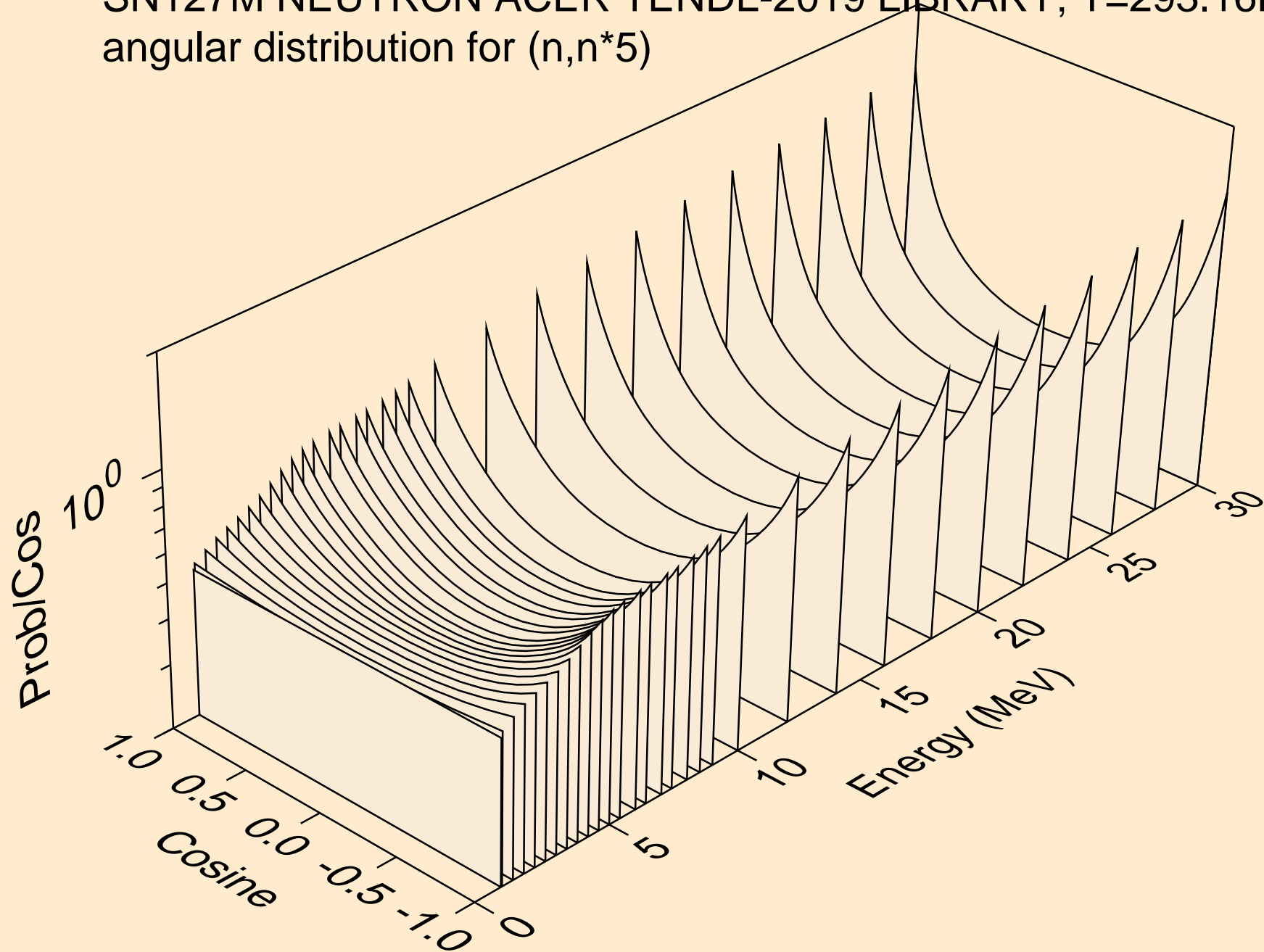




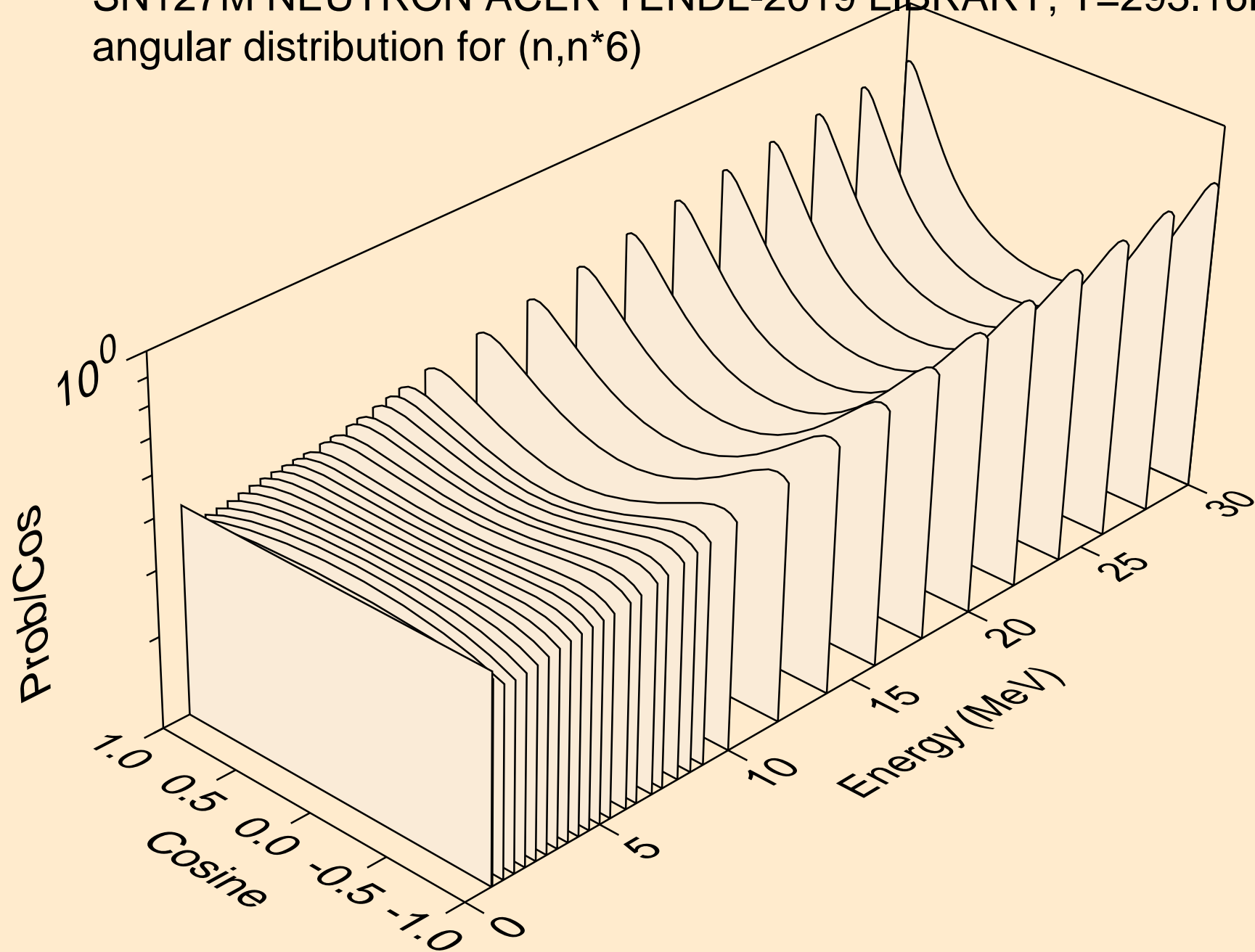
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



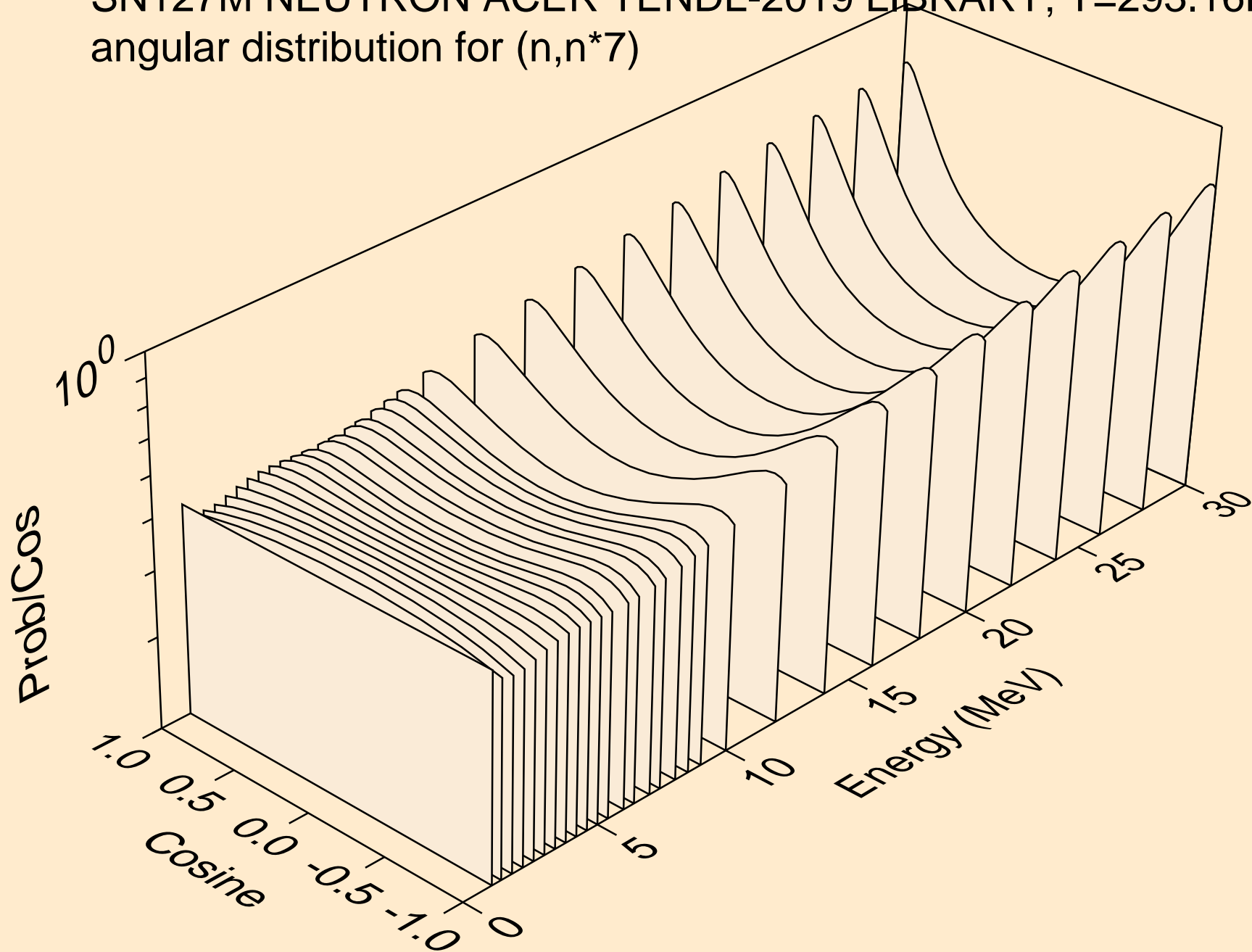
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



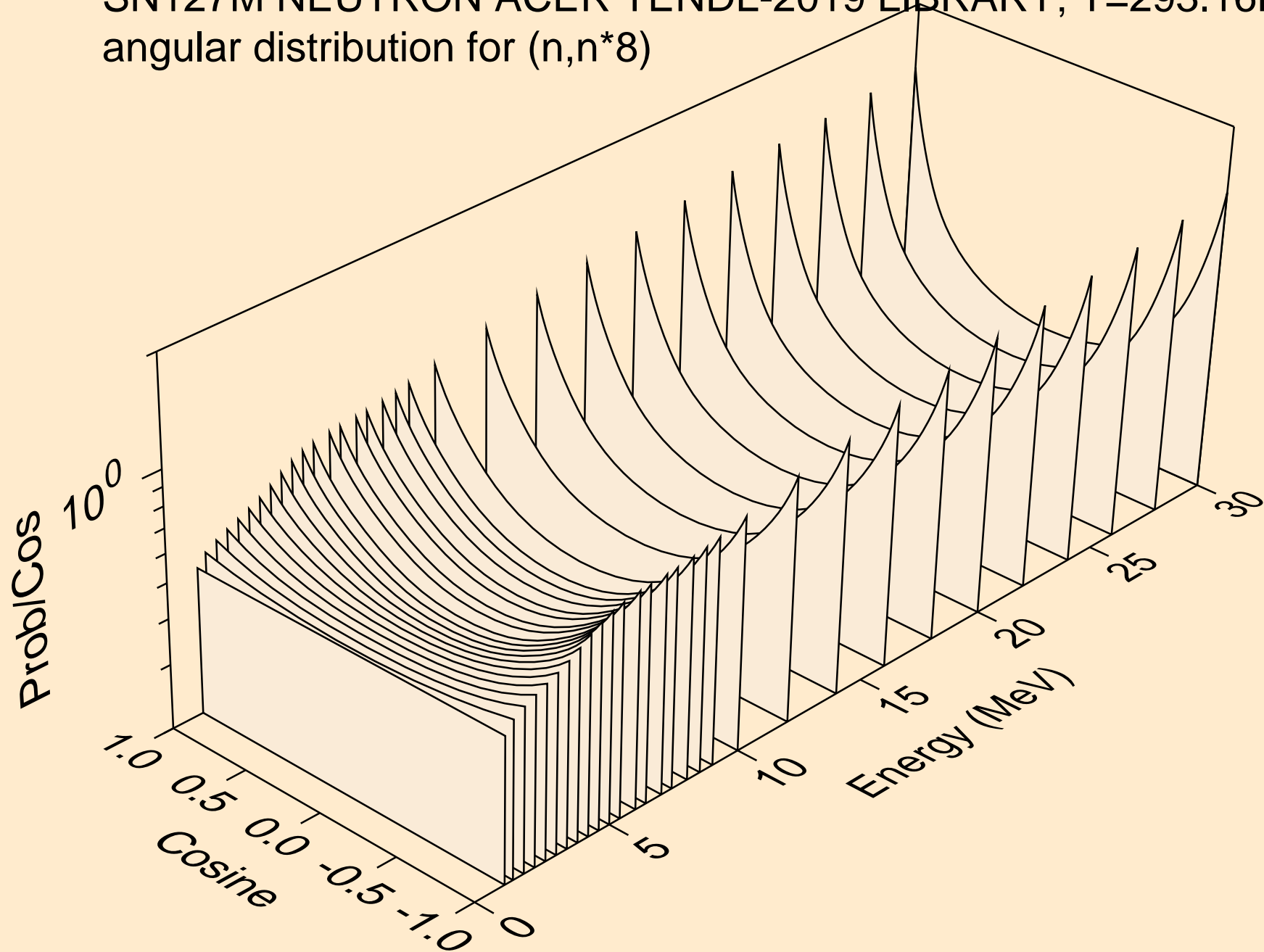
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



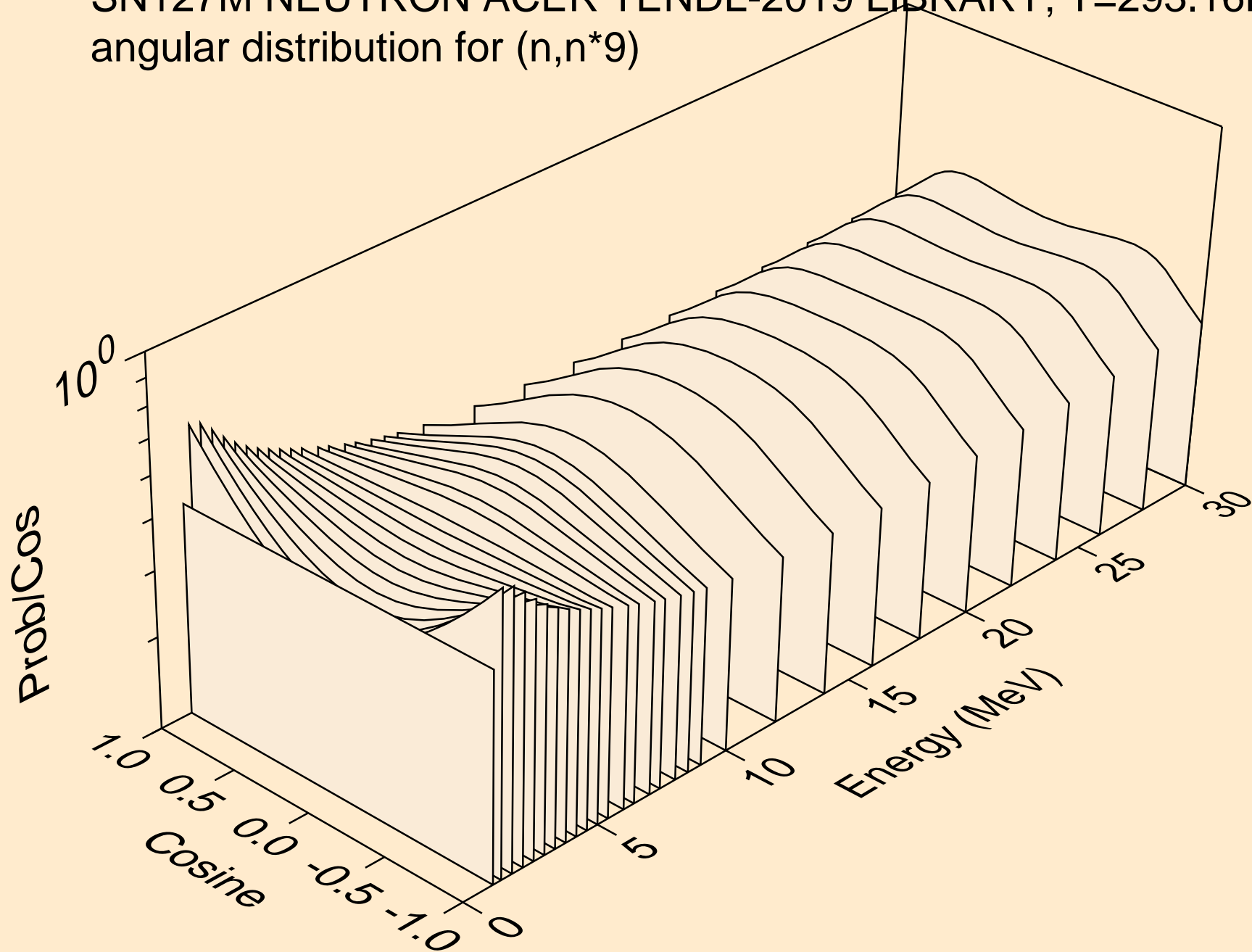
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



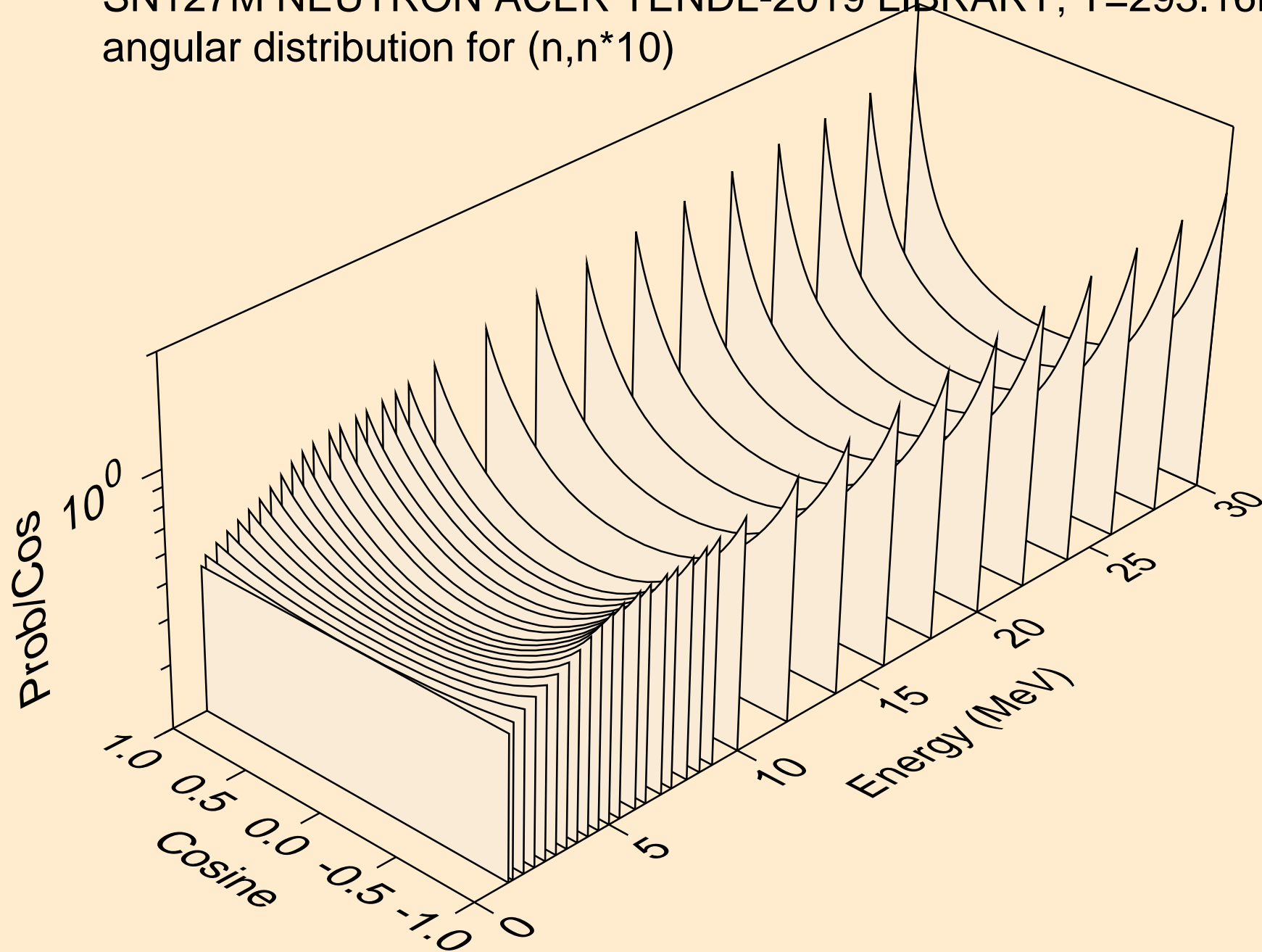
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)



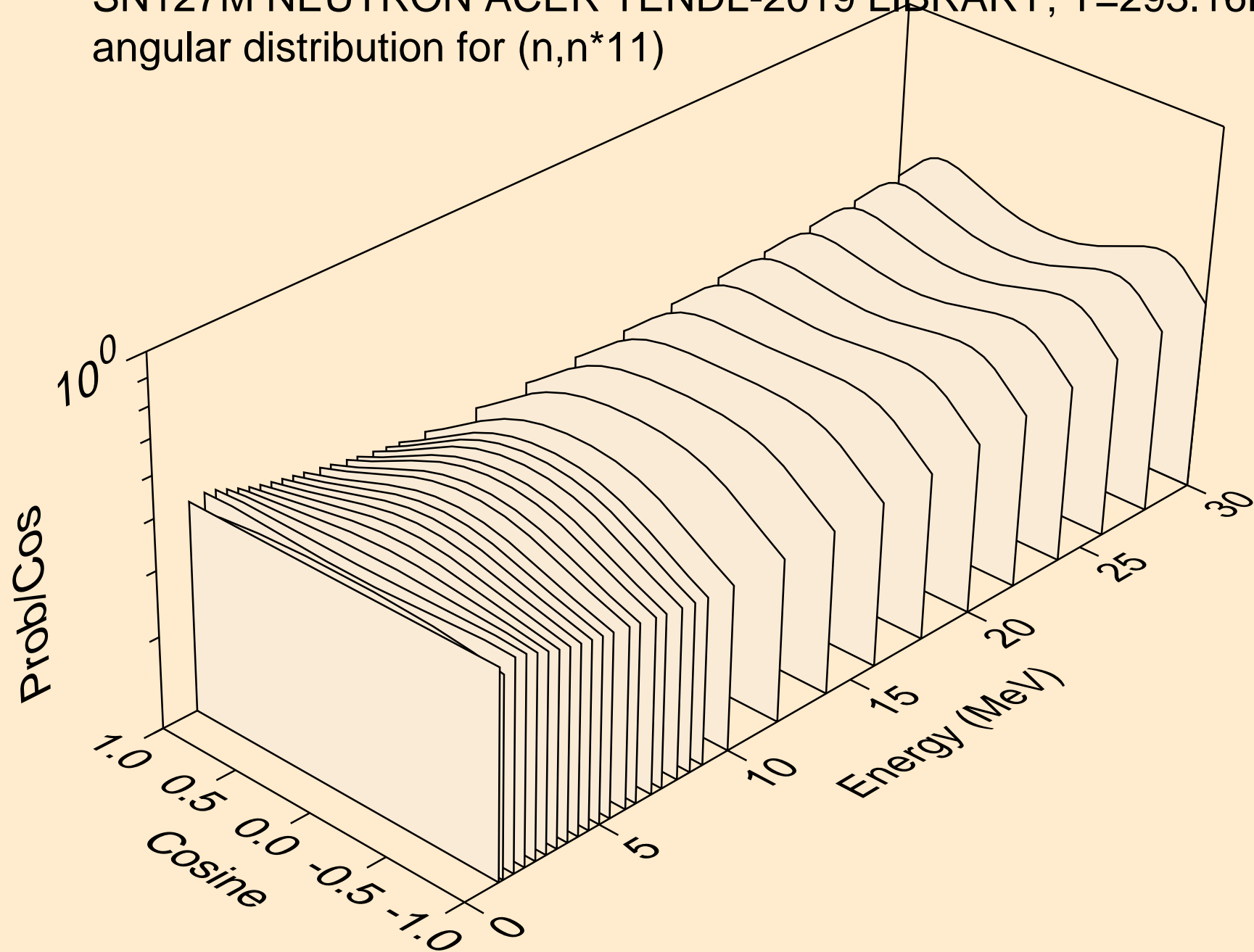
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)

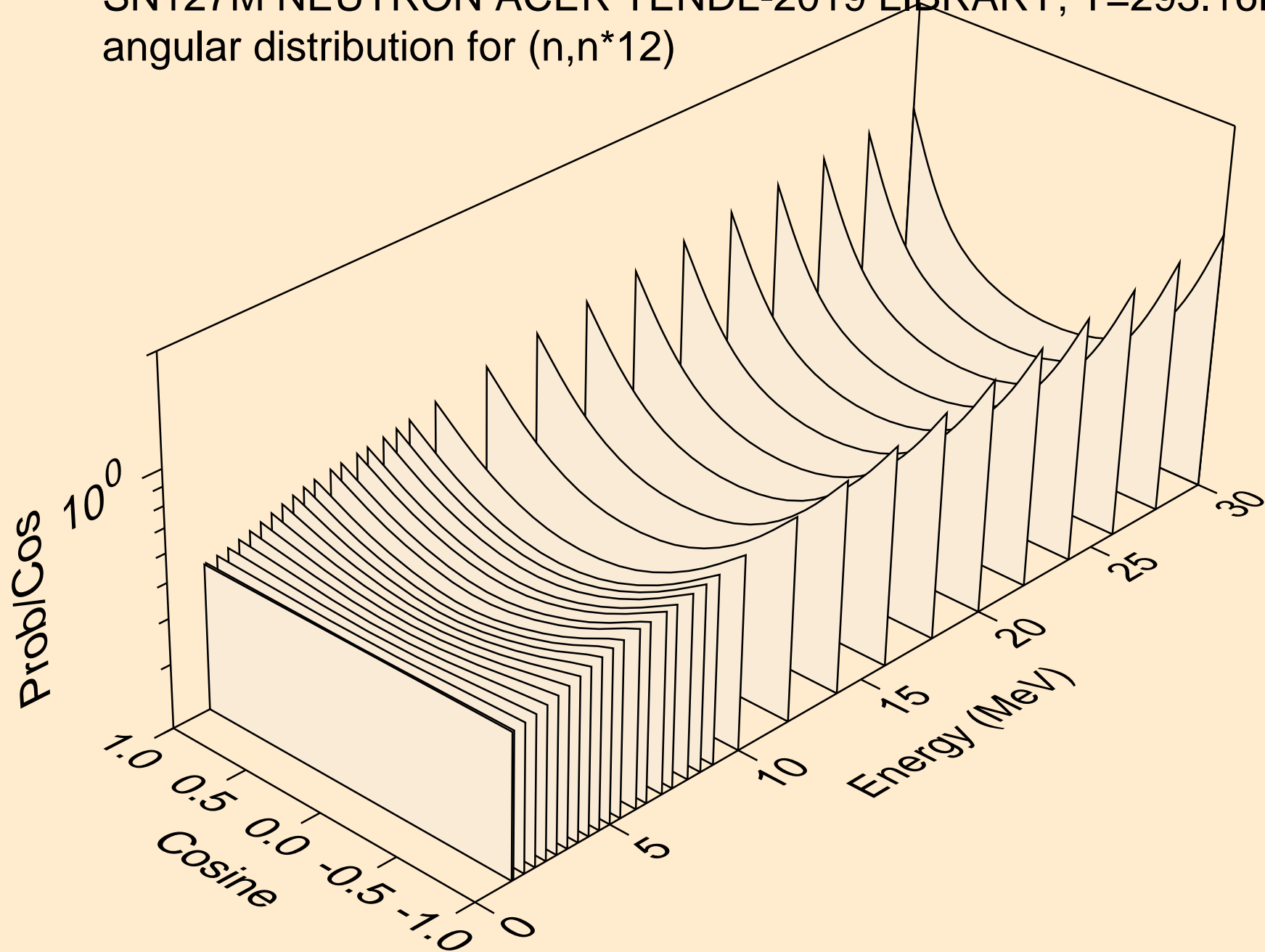


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)

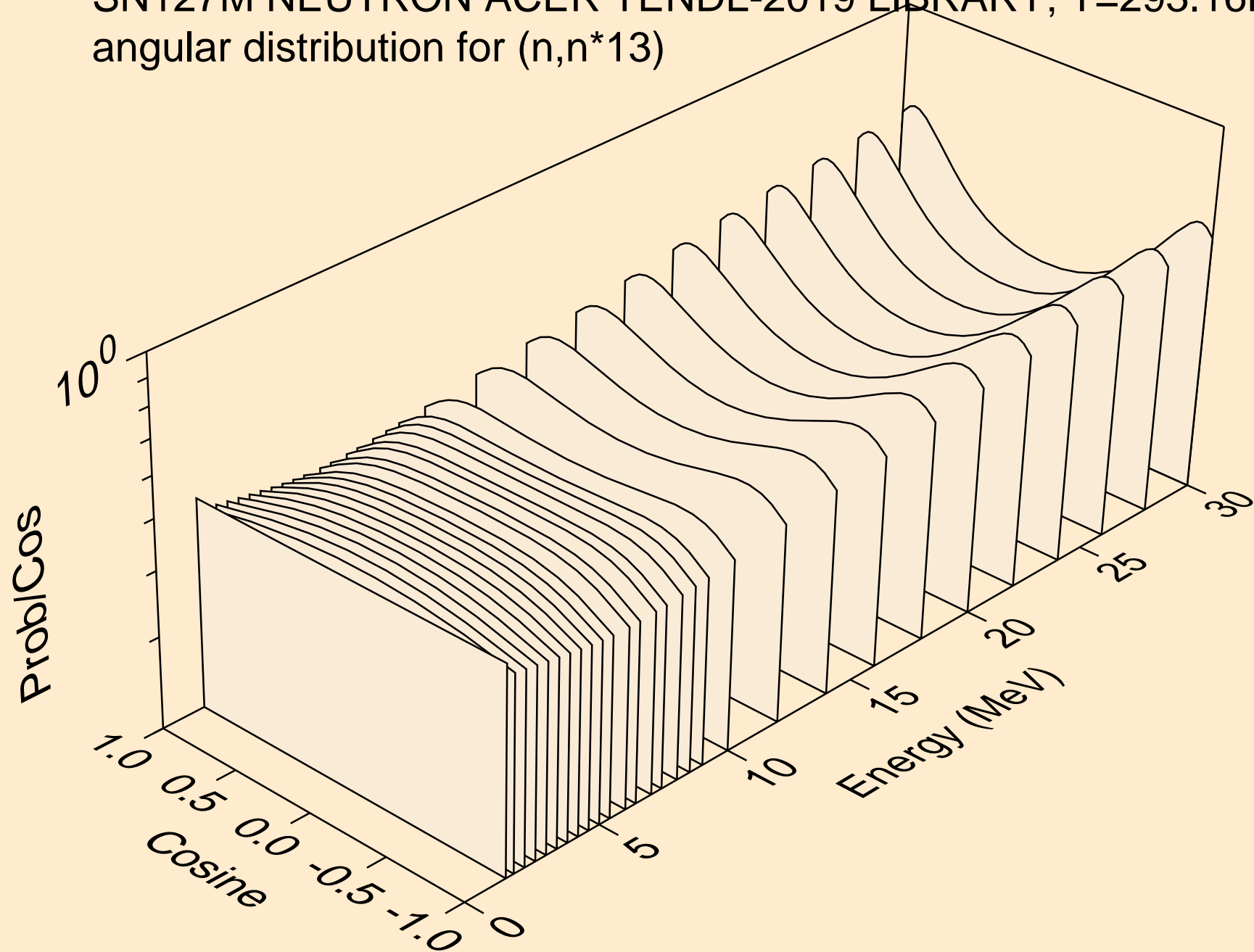




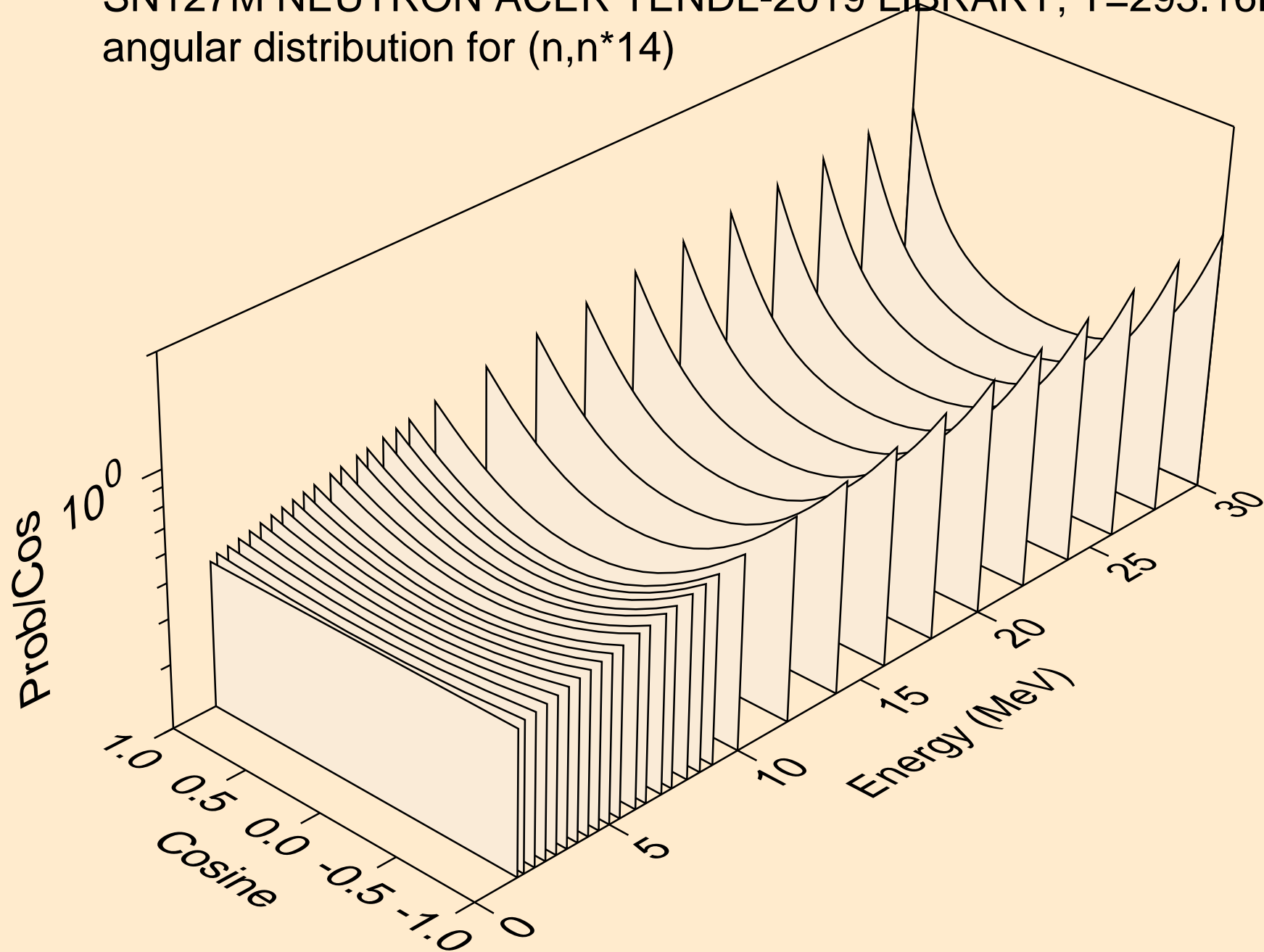
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



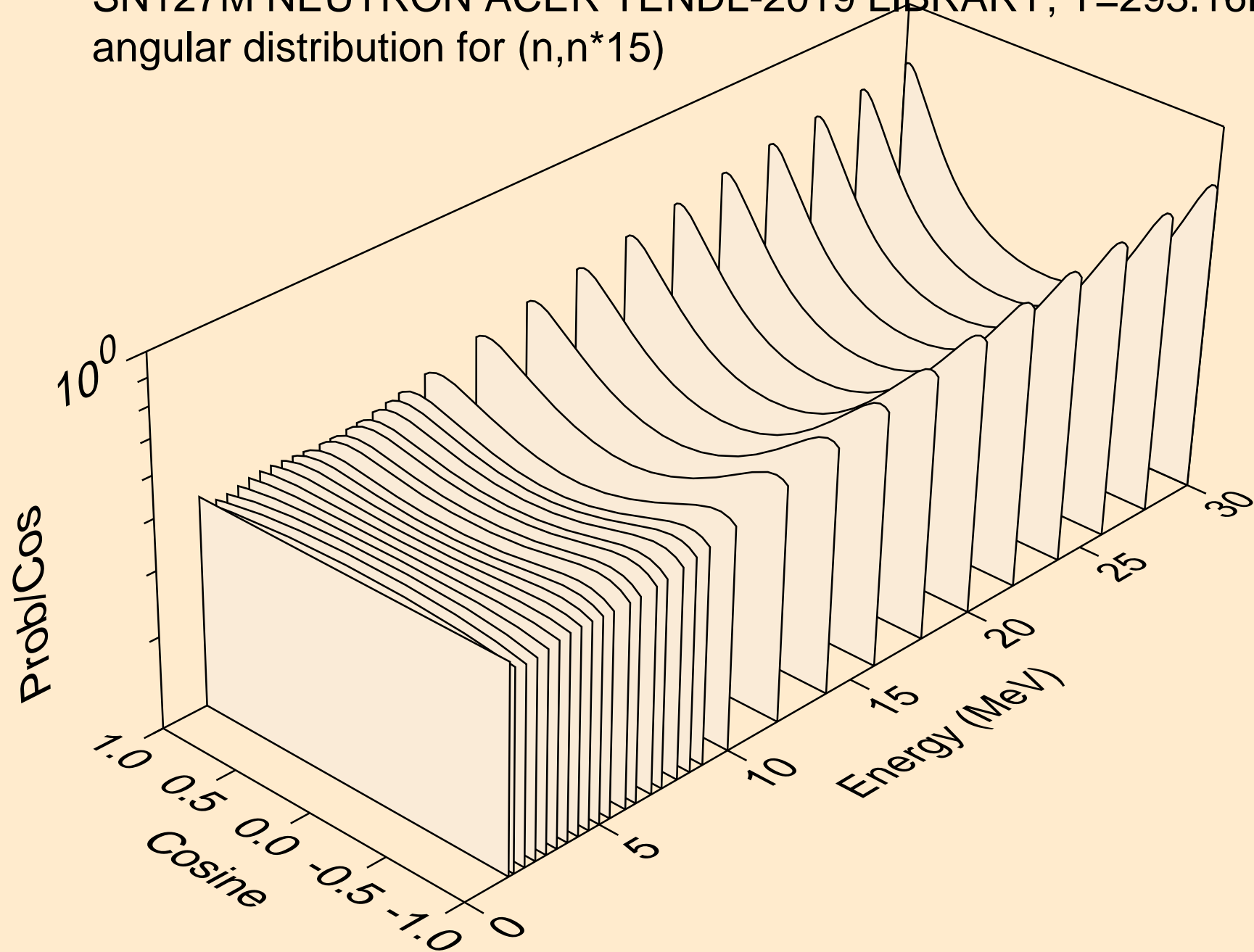
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



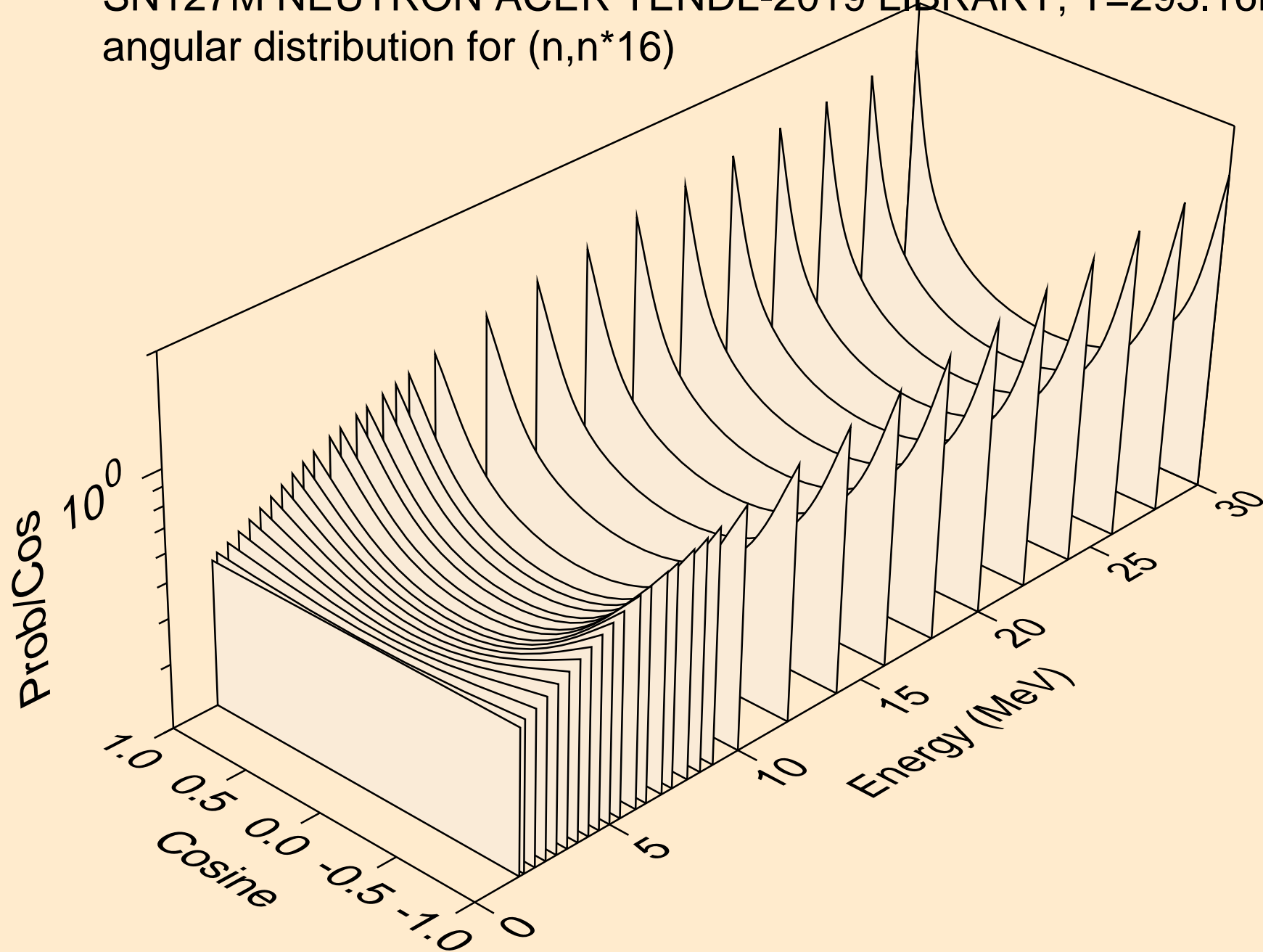
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)



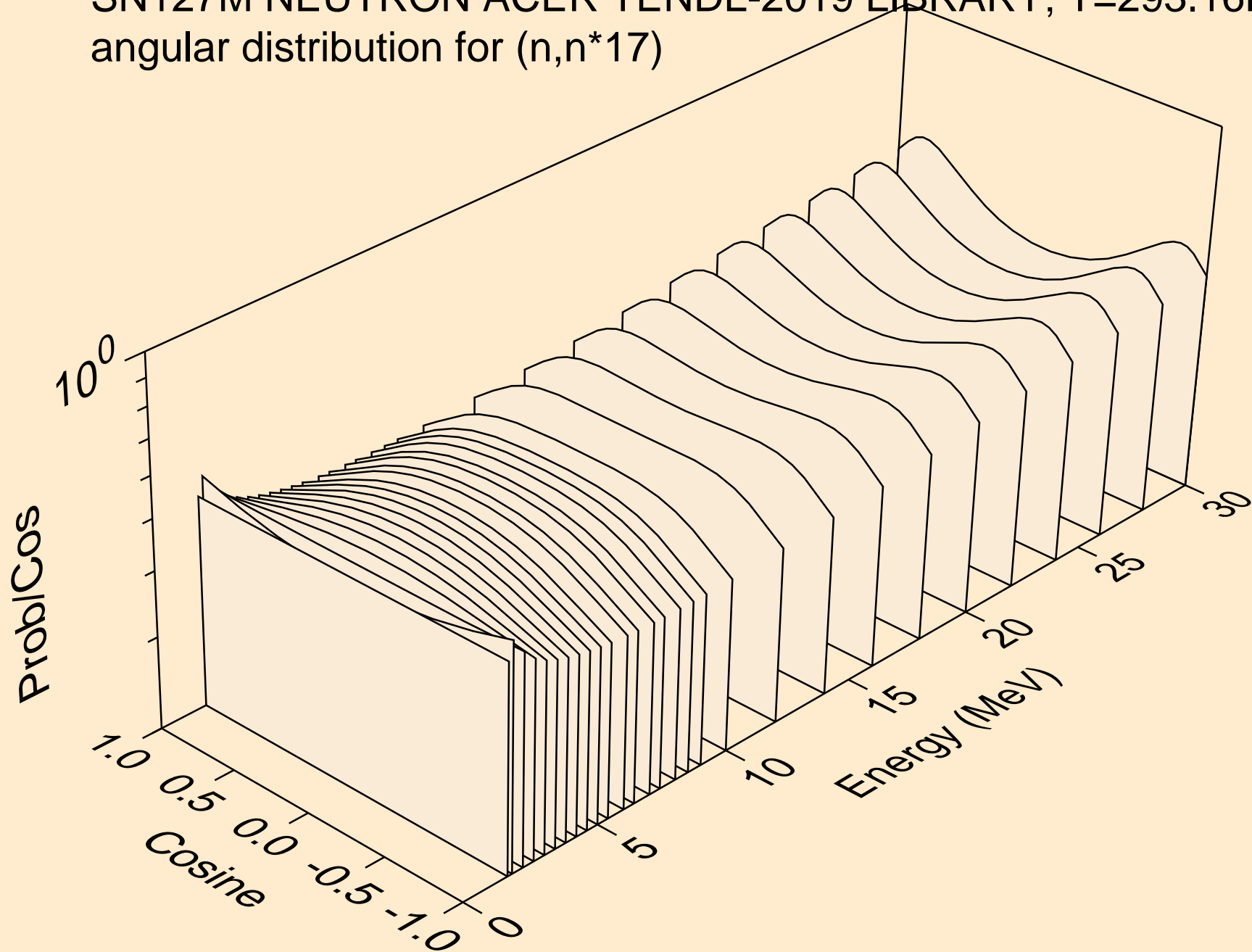
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)



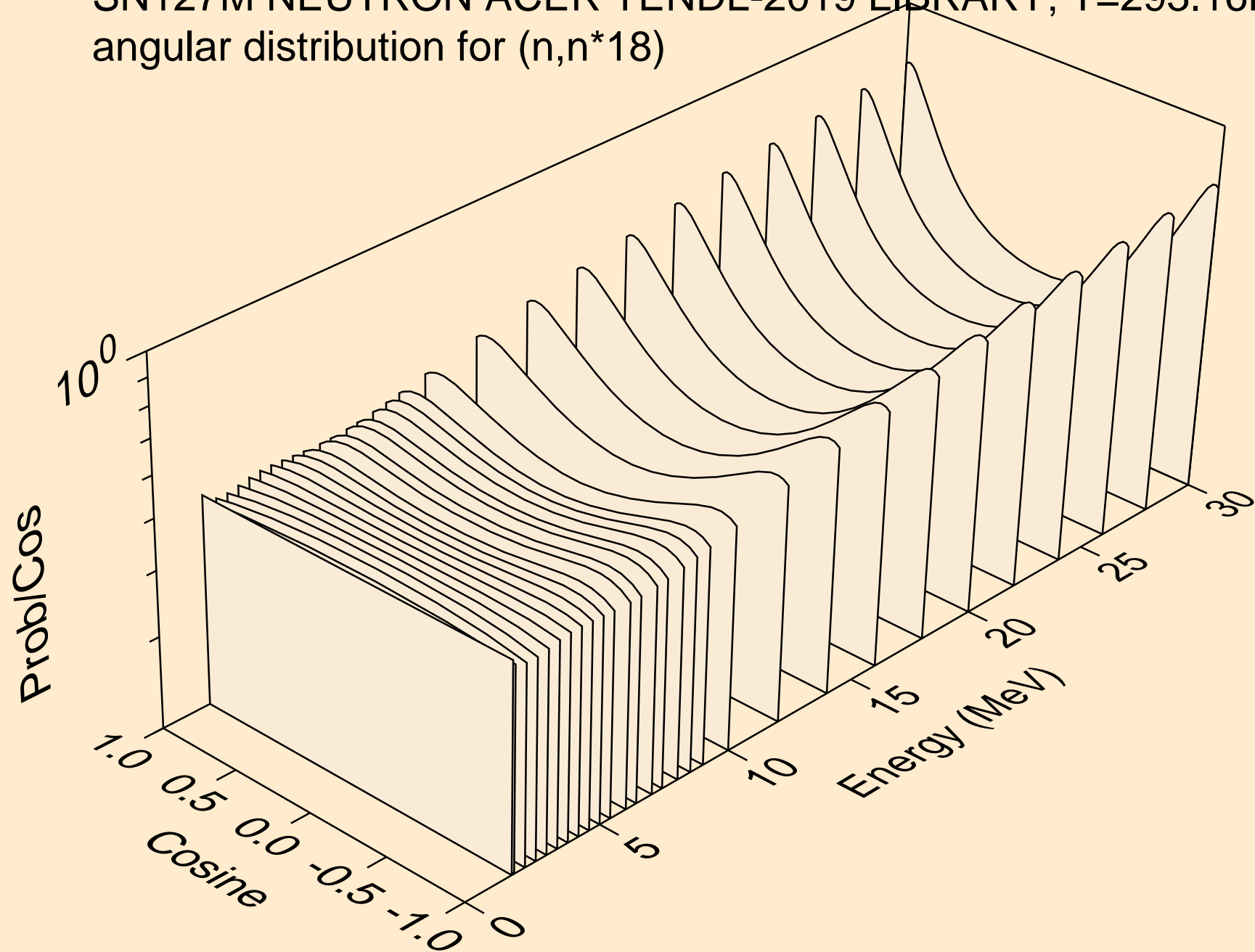
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)



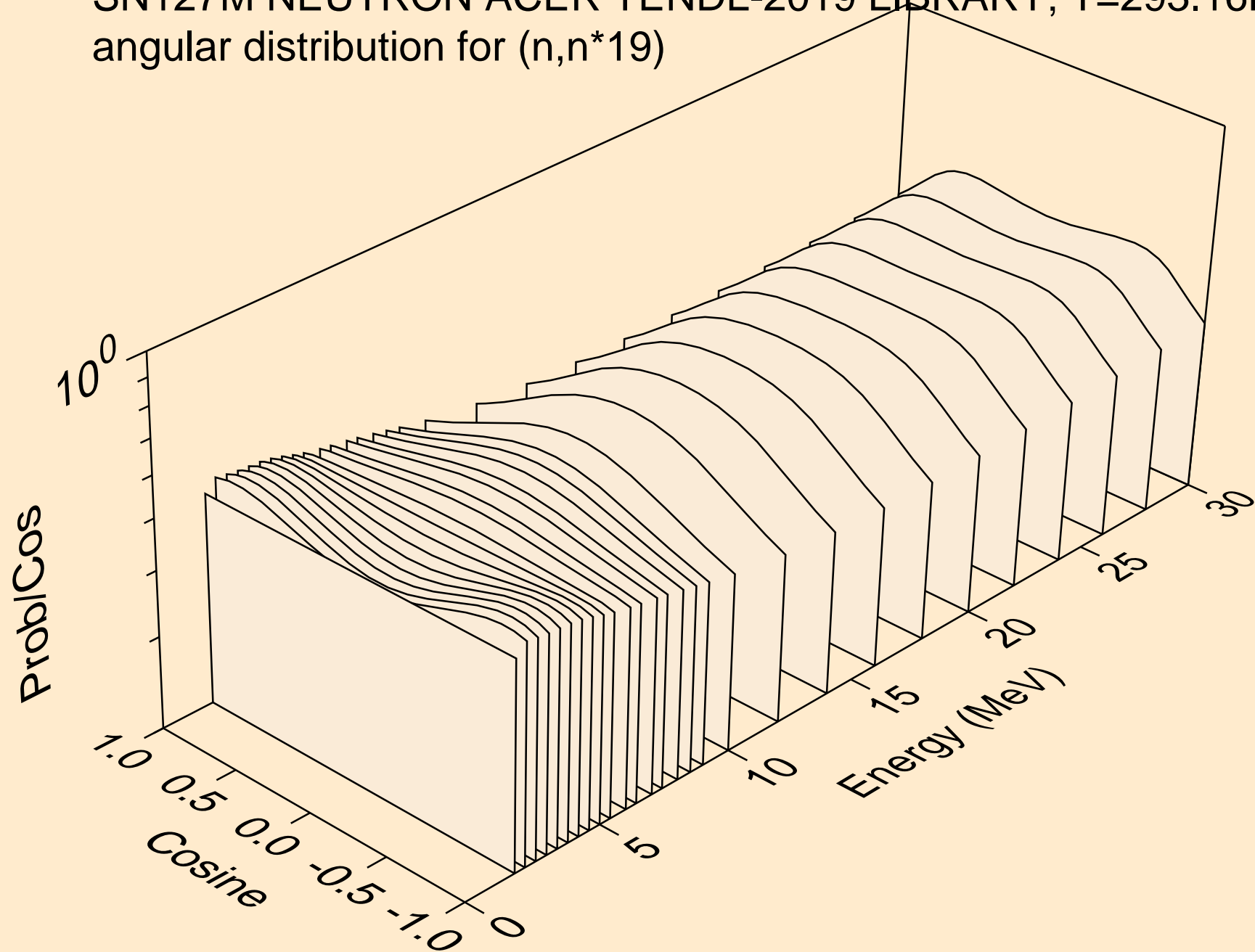
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)

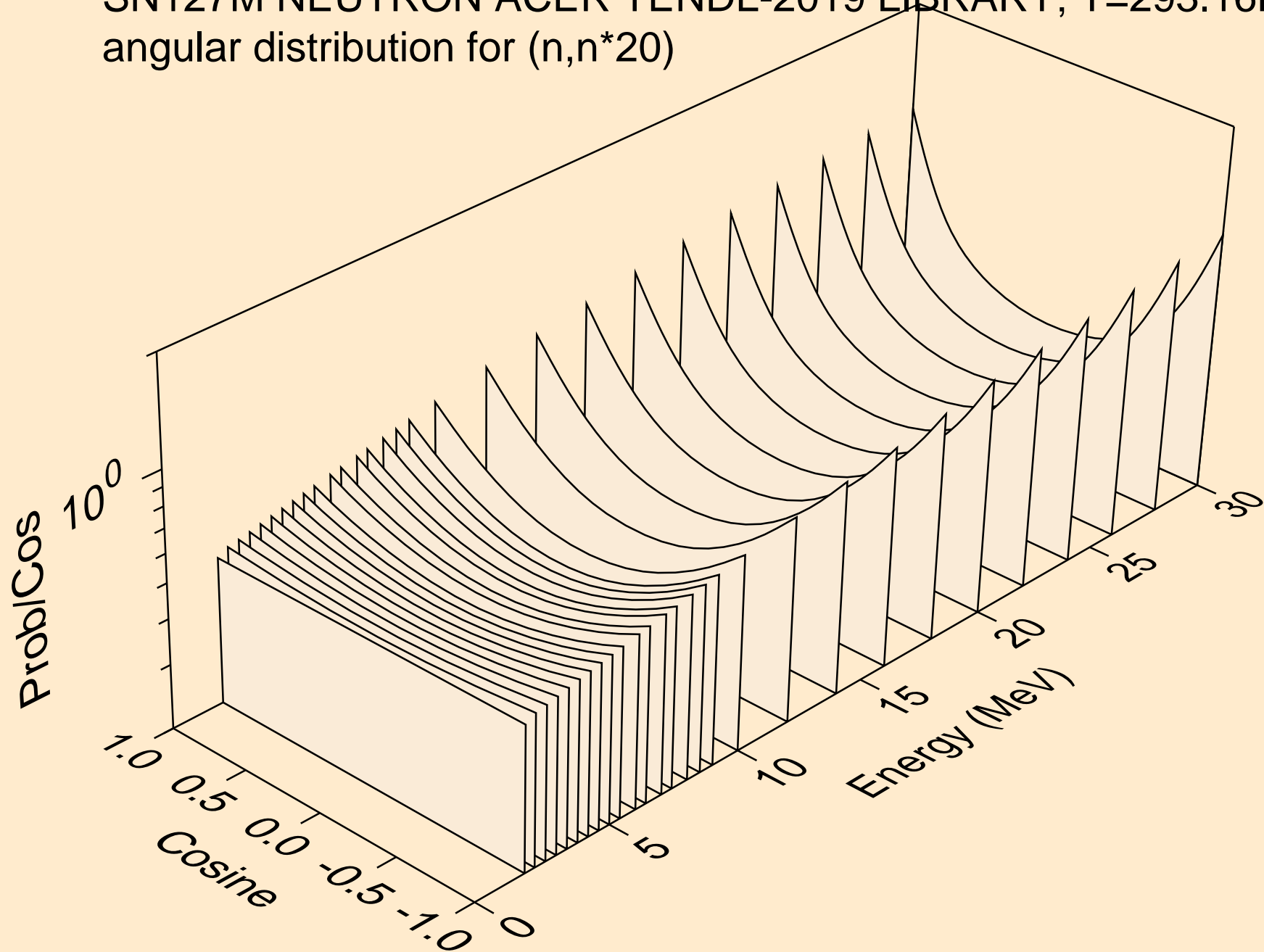


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)

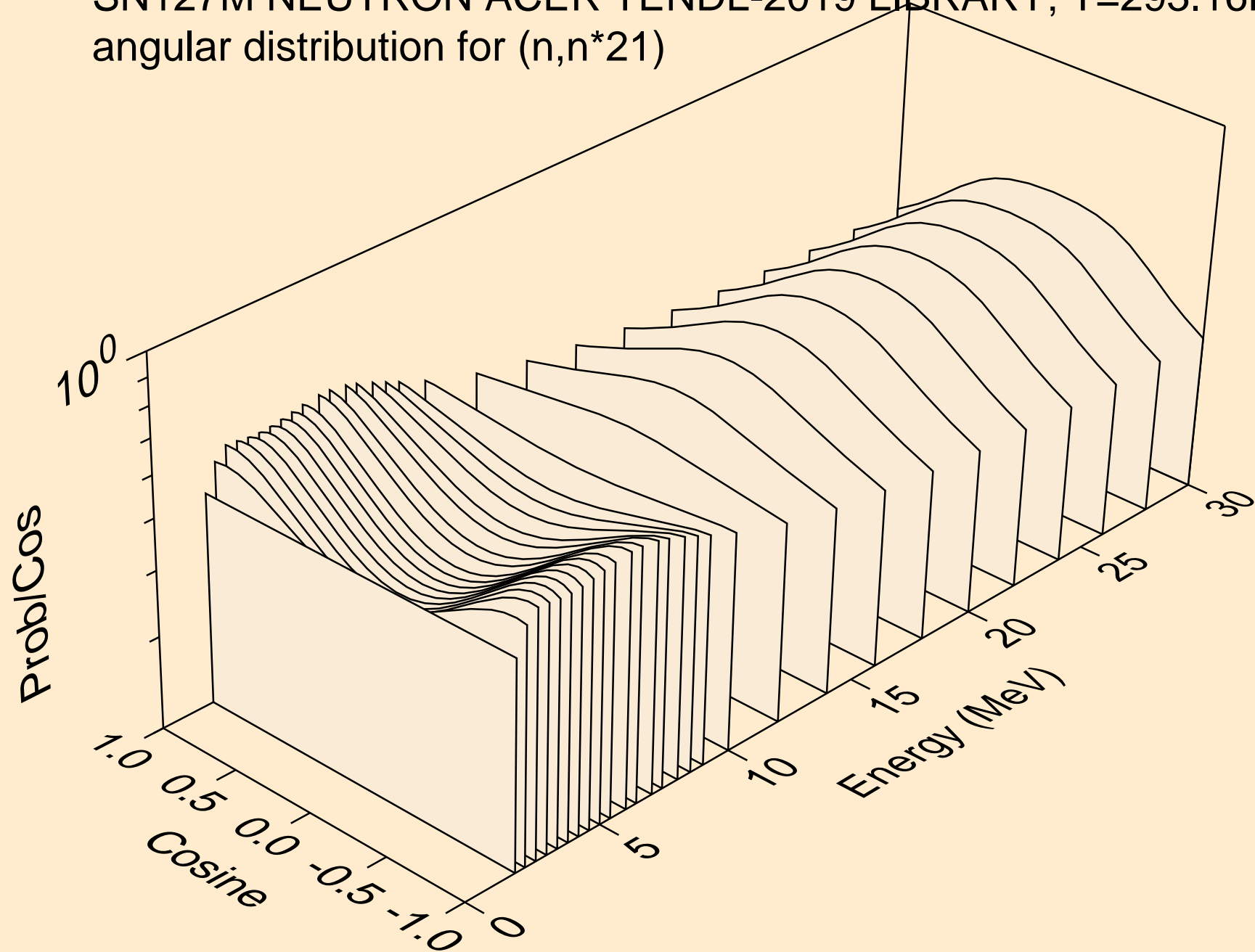




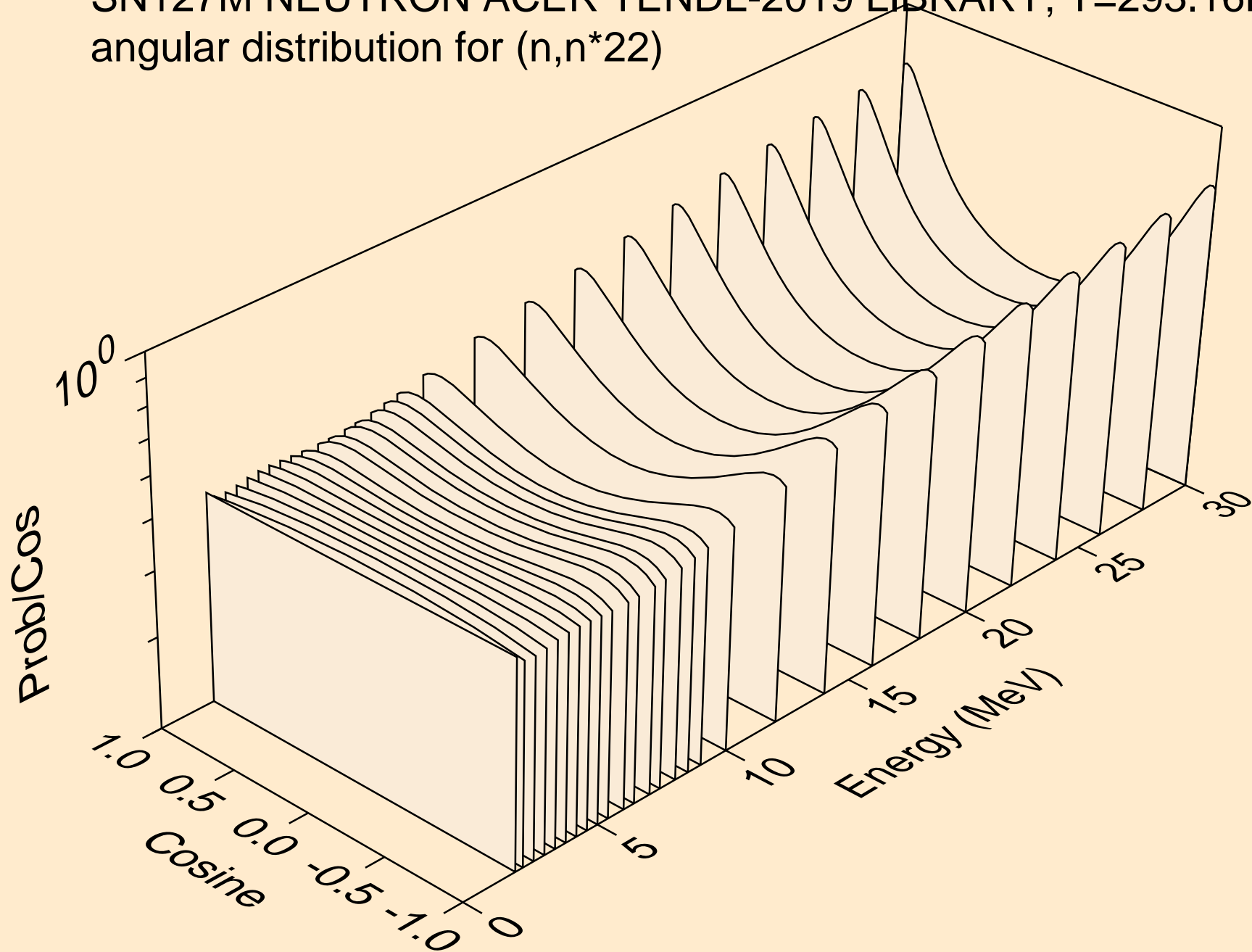
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



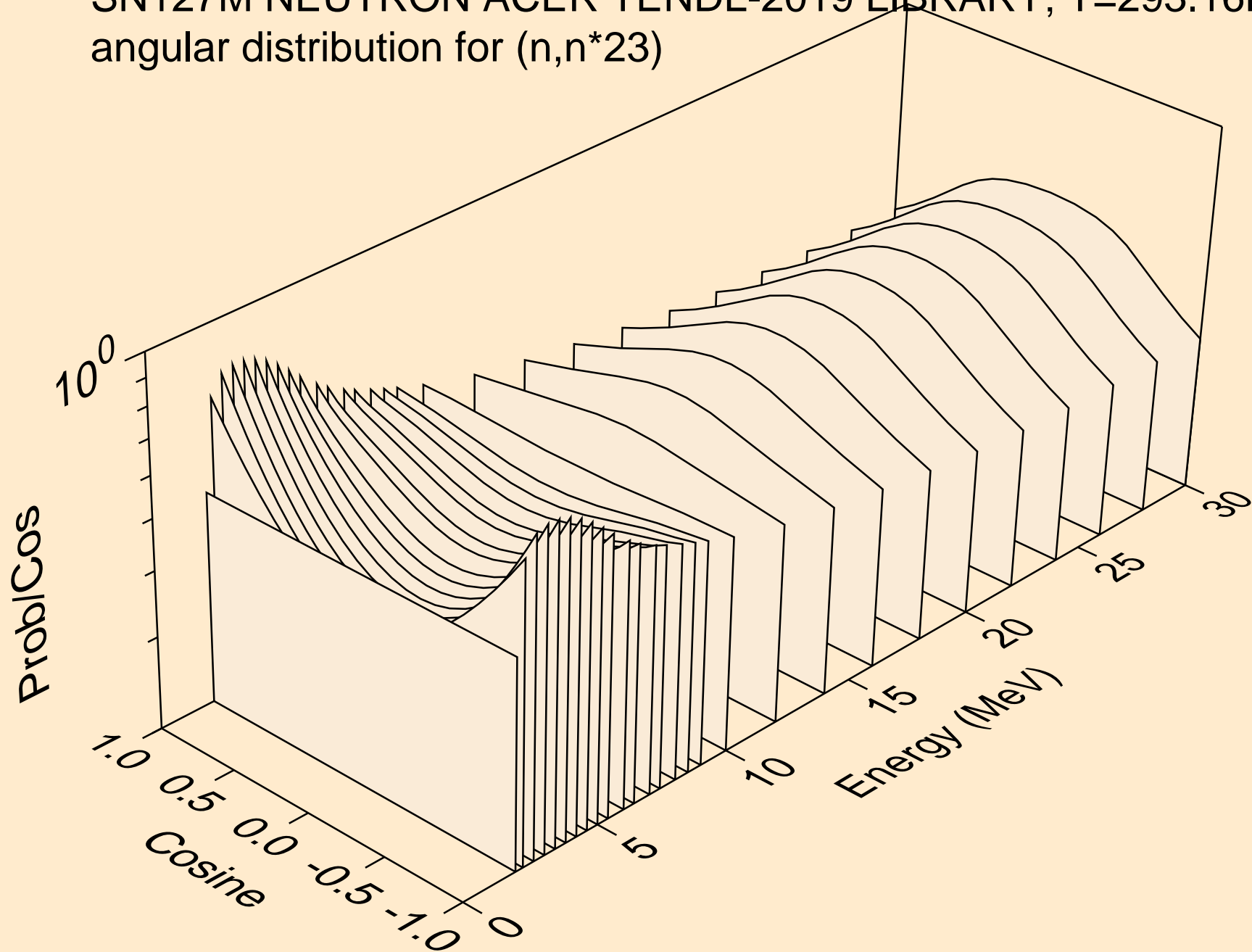
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)



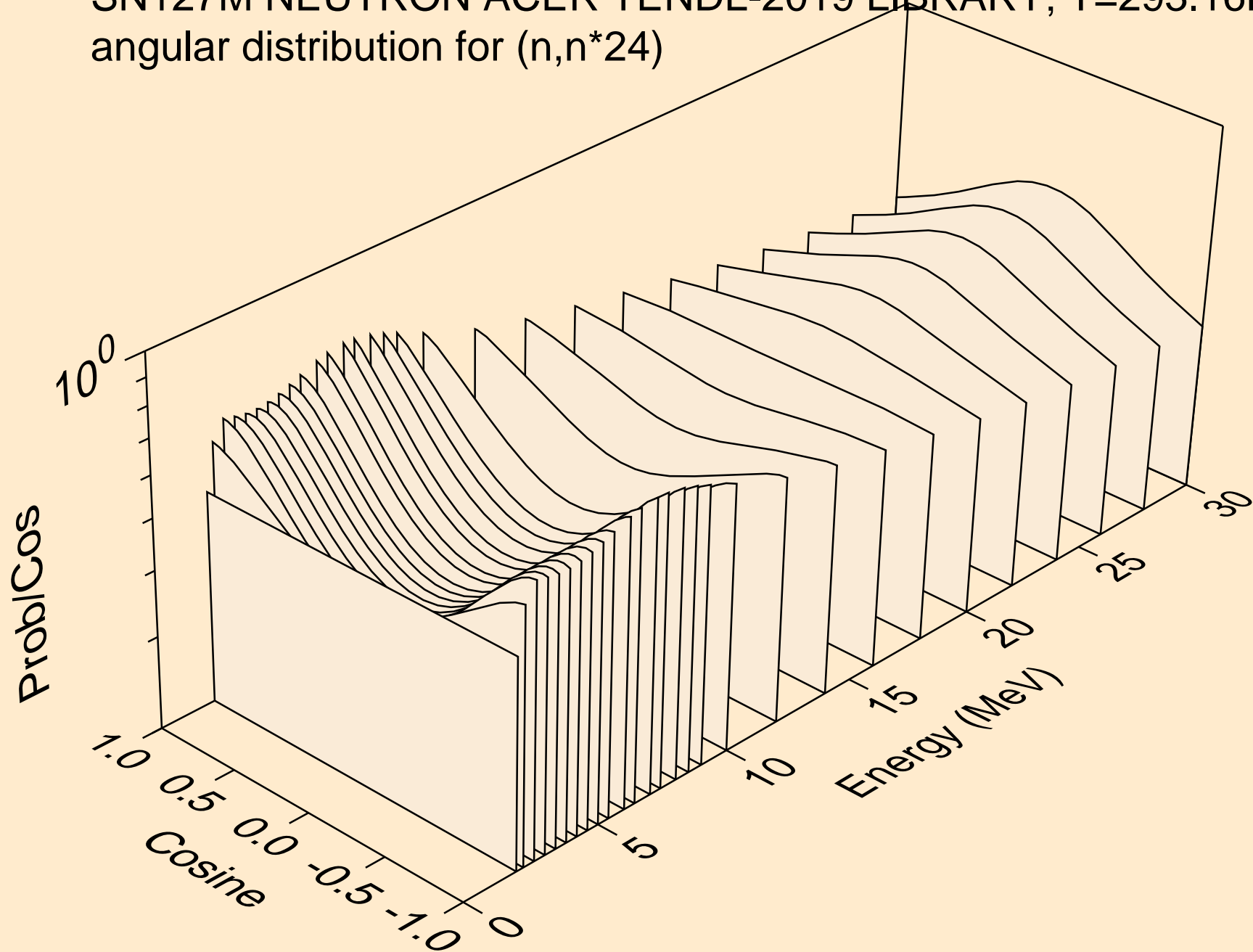
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)



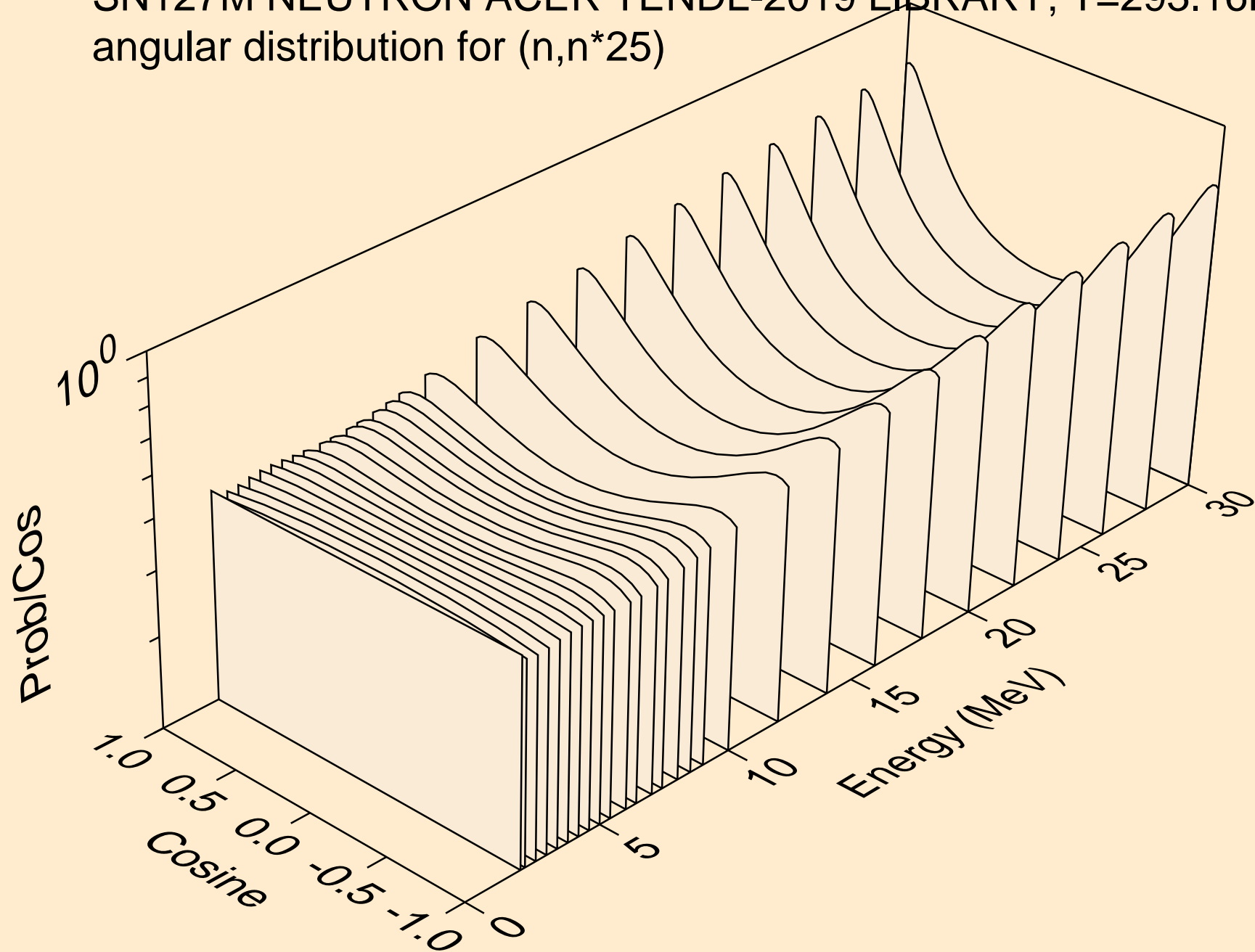
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)



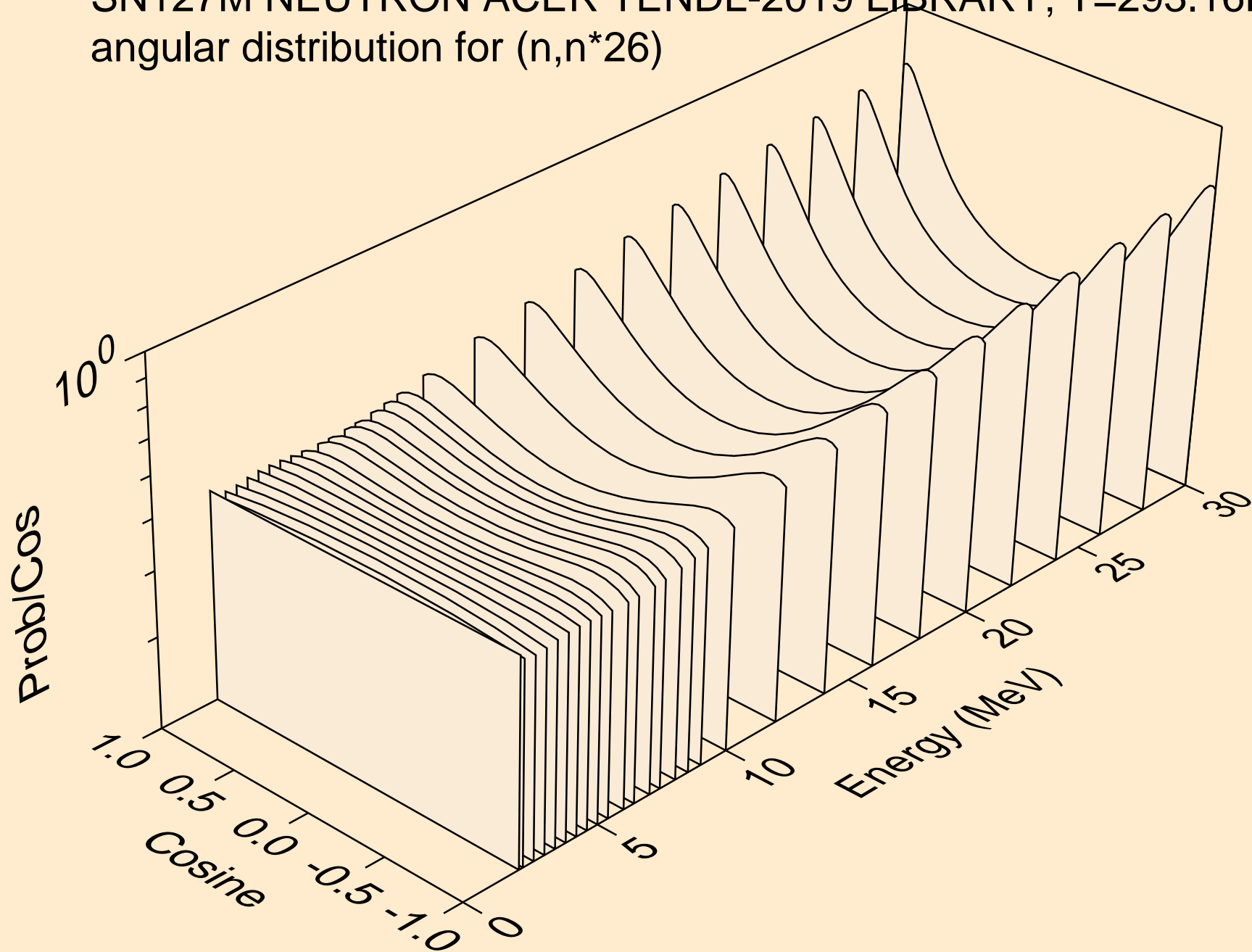
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)



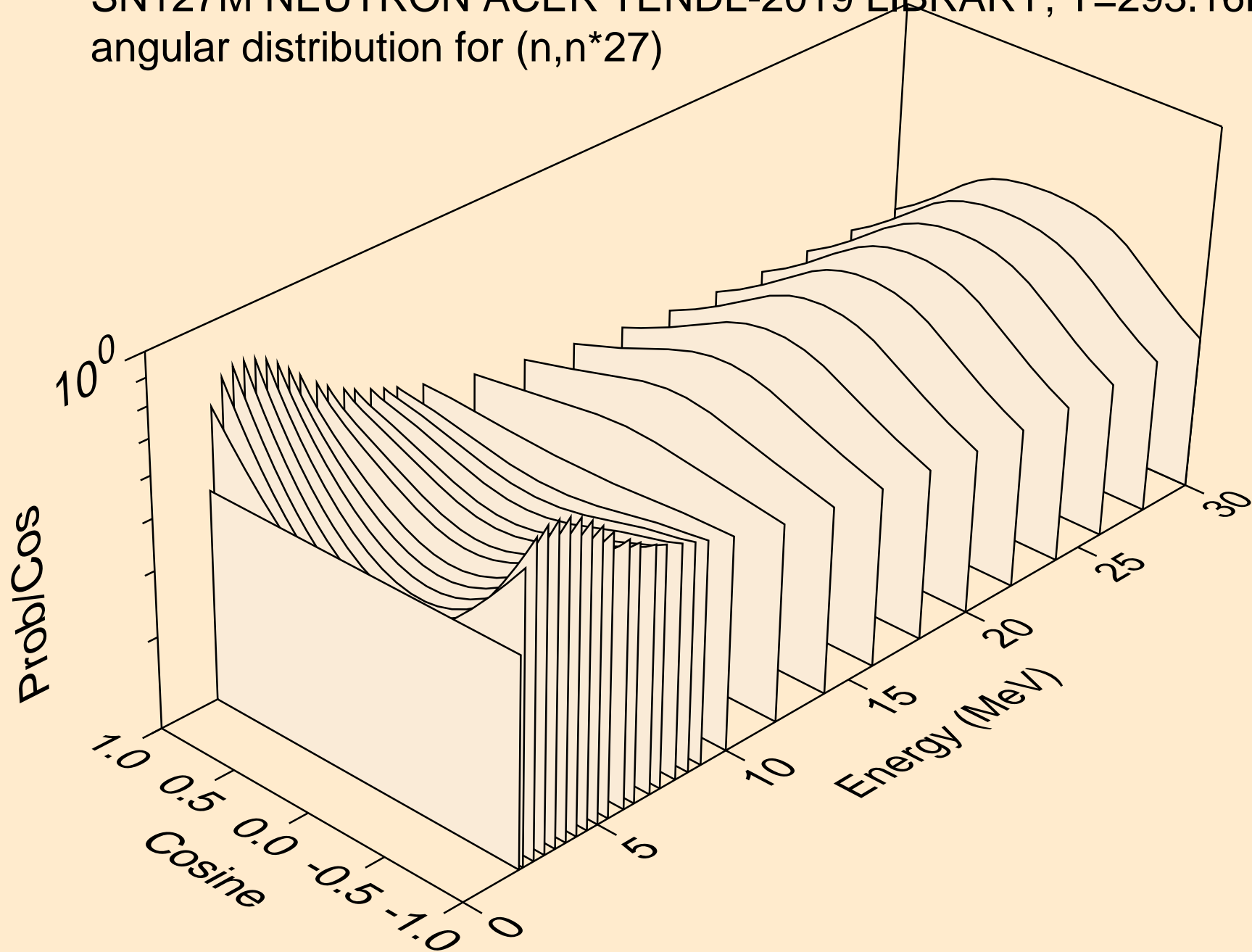
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)

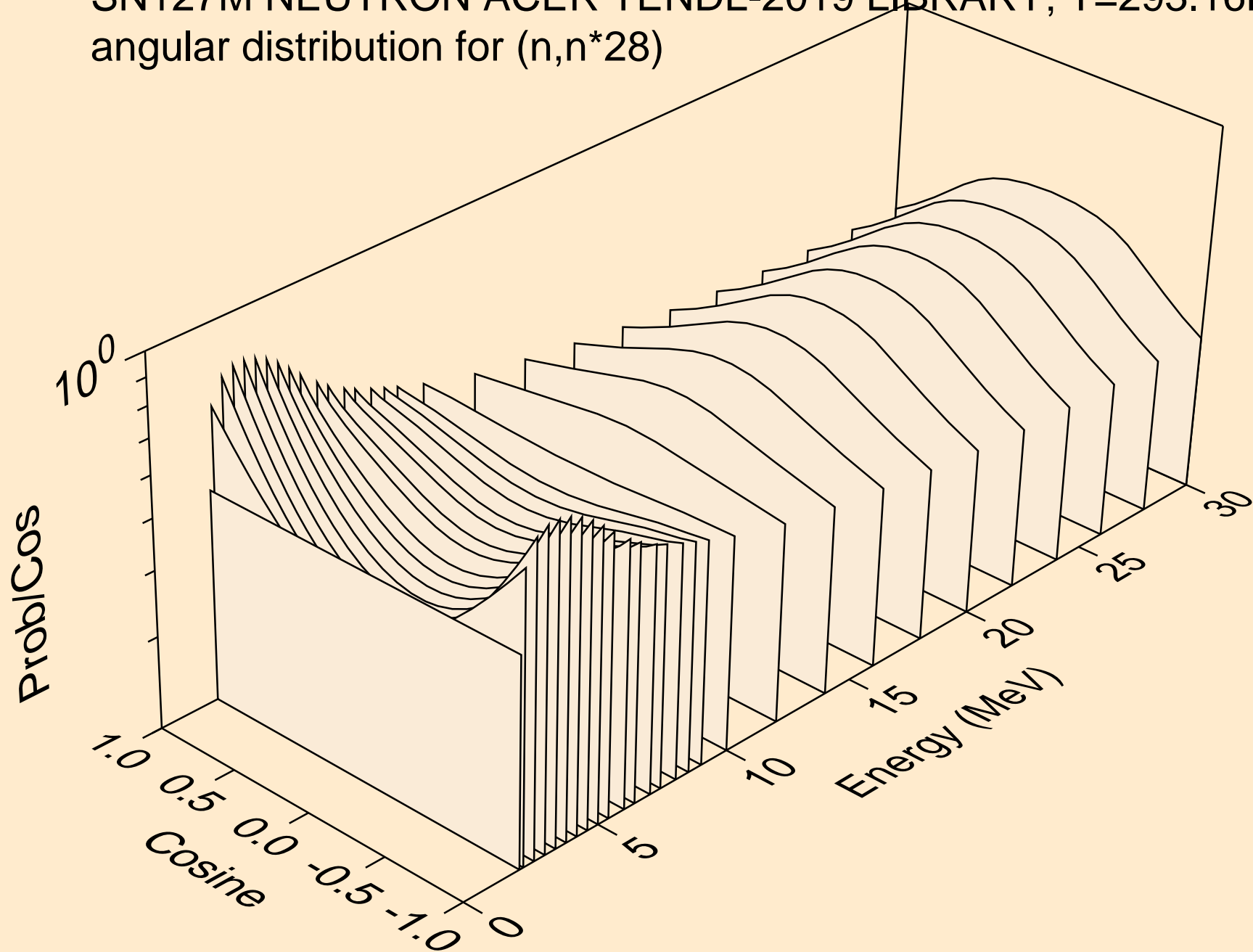


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)

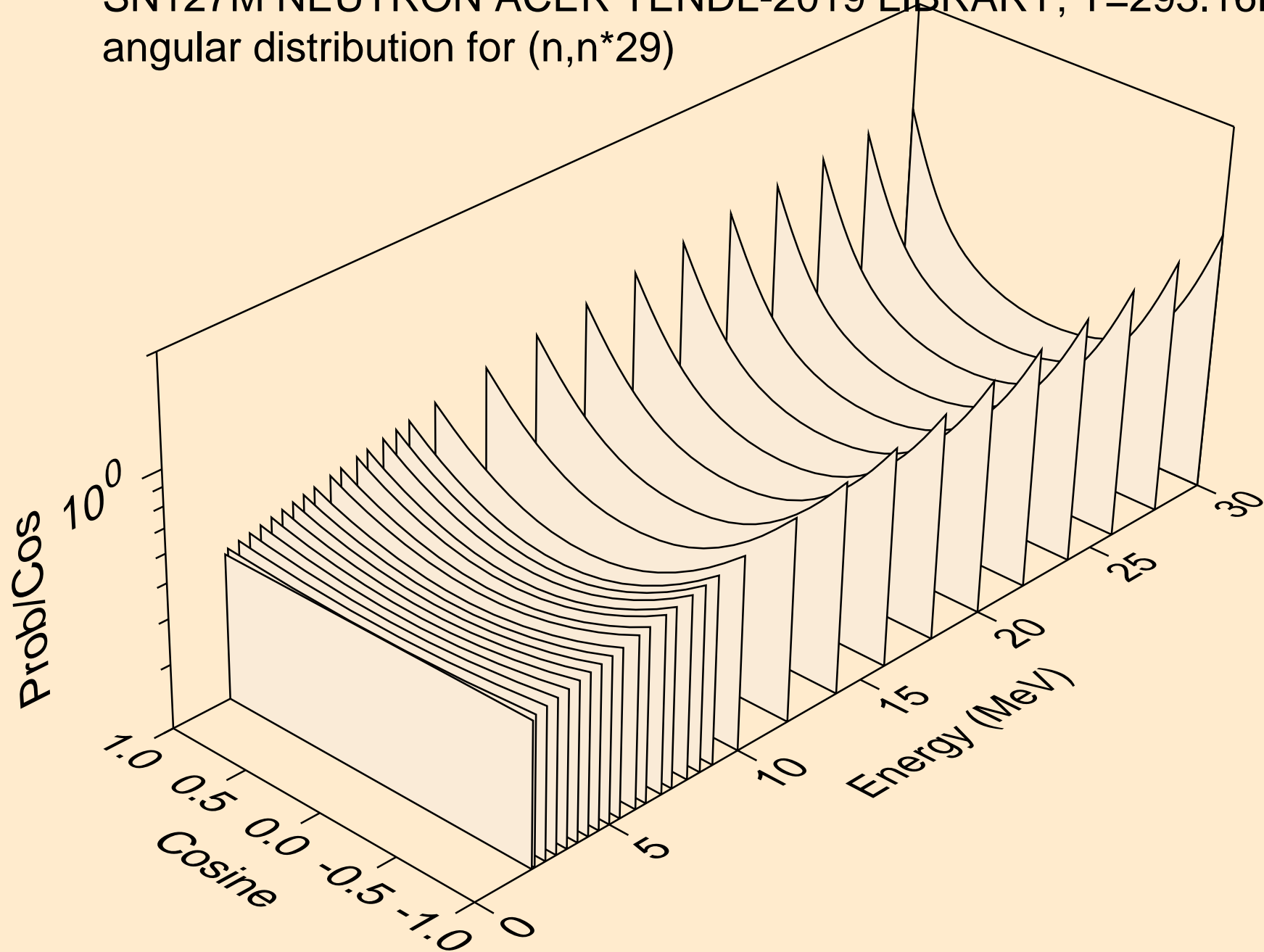




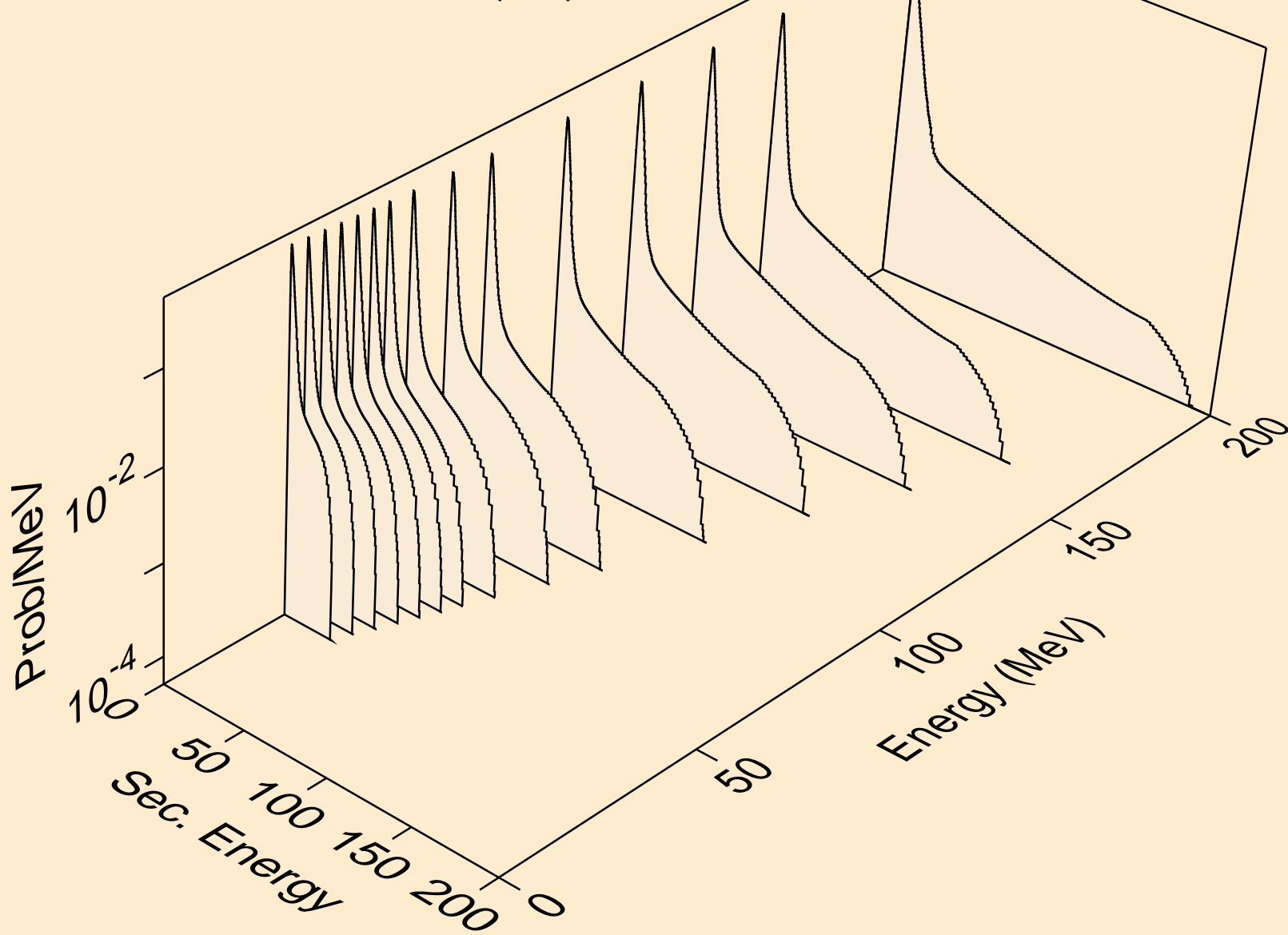
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



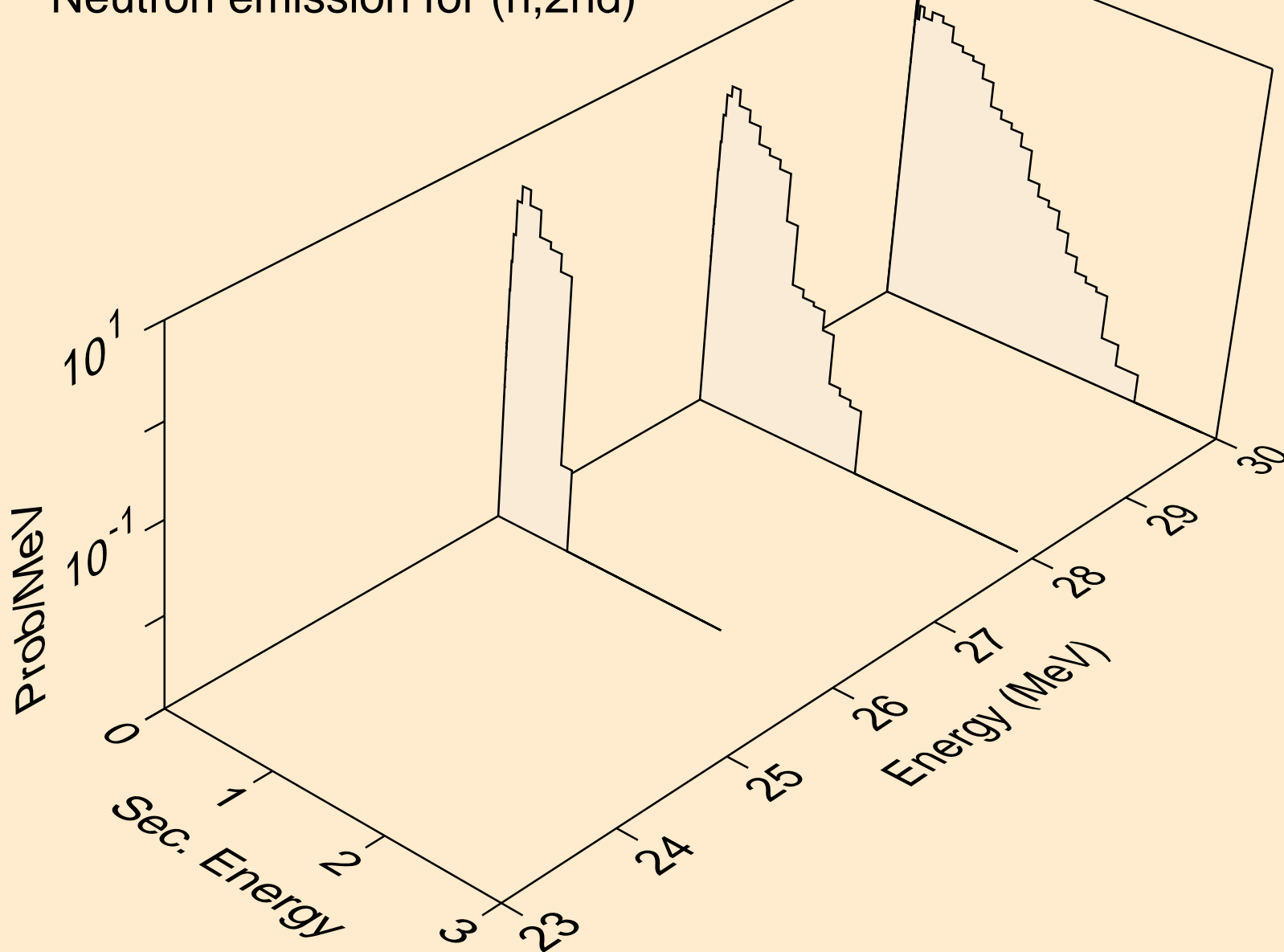
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*29)



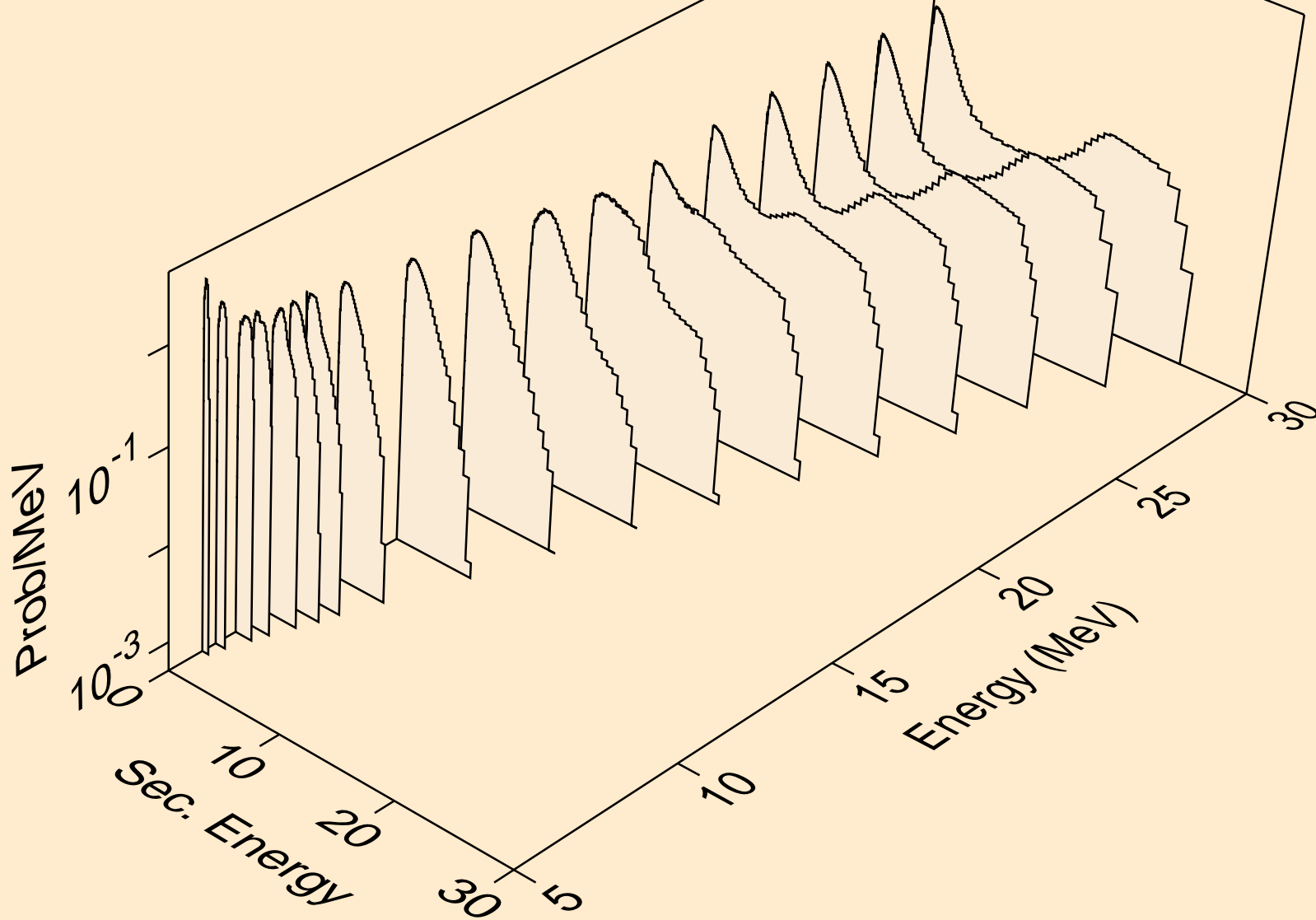
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



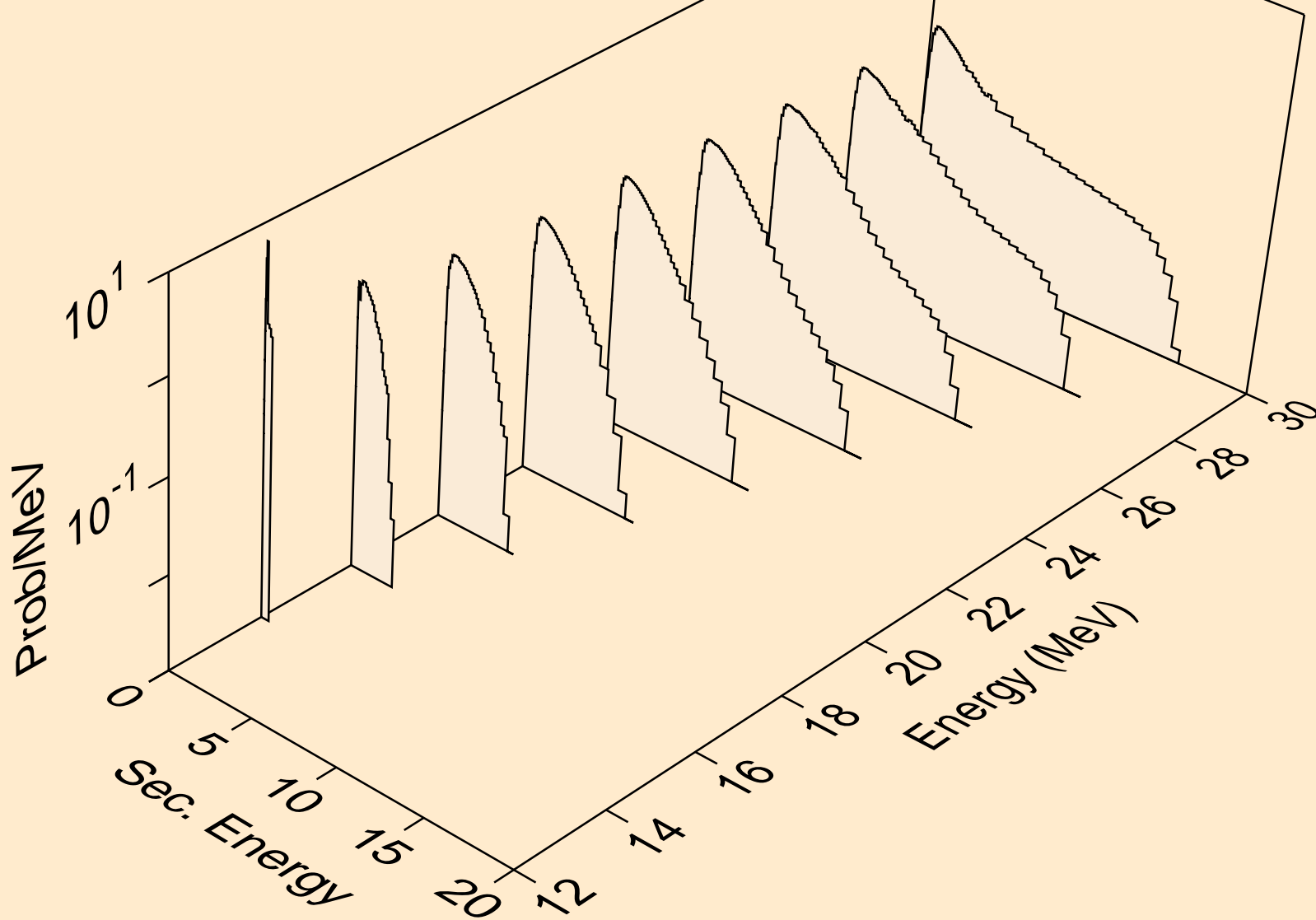
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



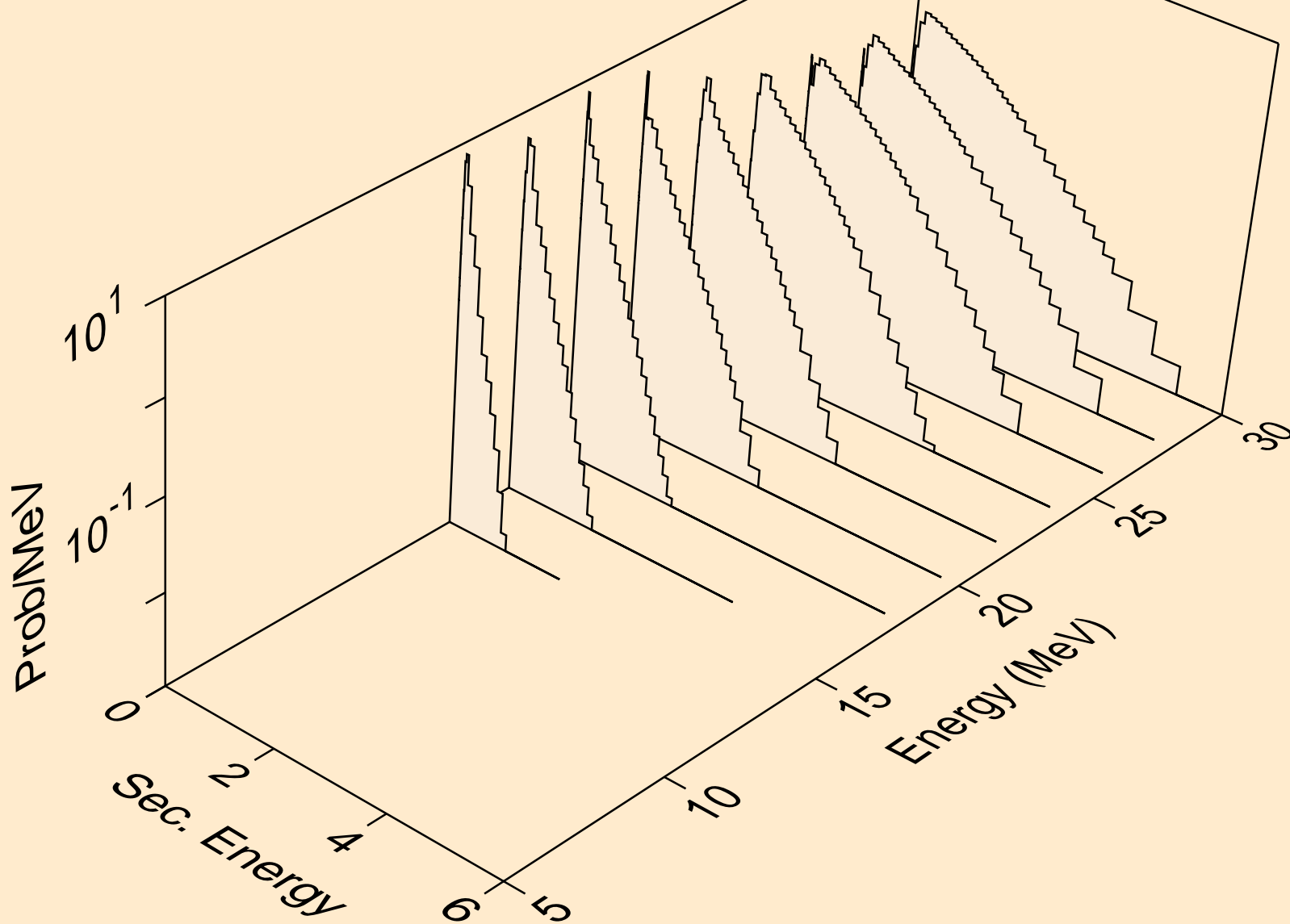
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



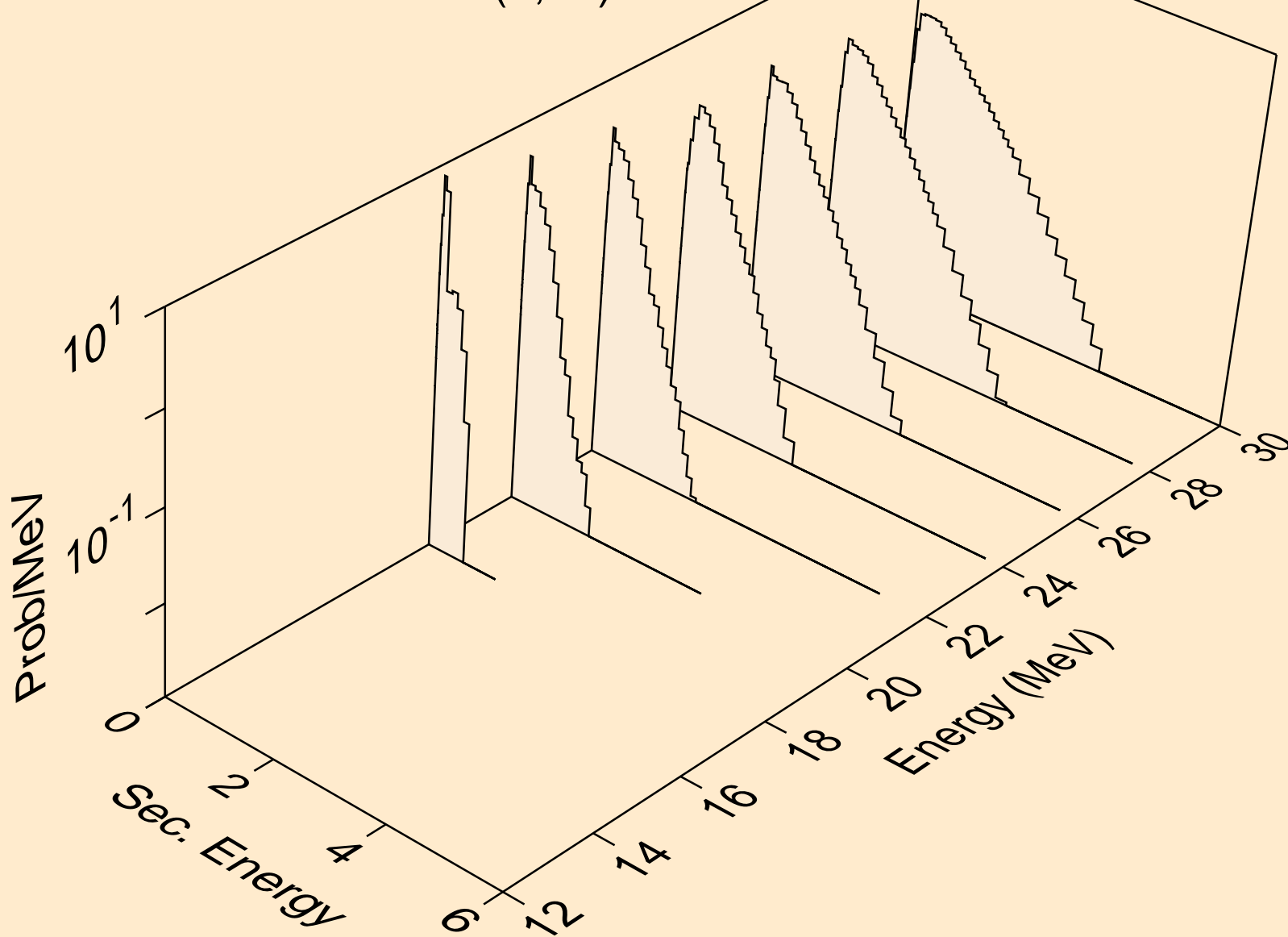
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a

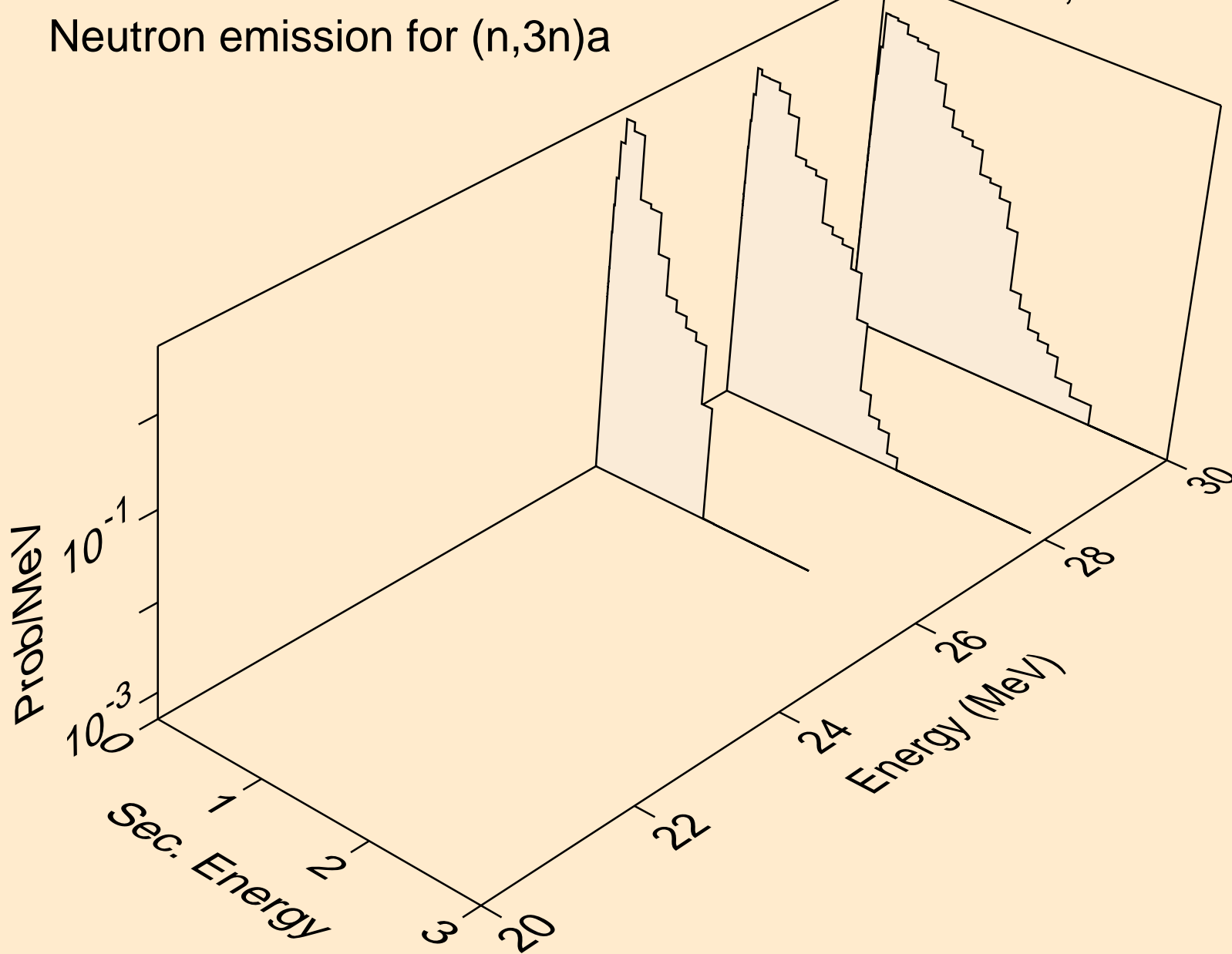


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

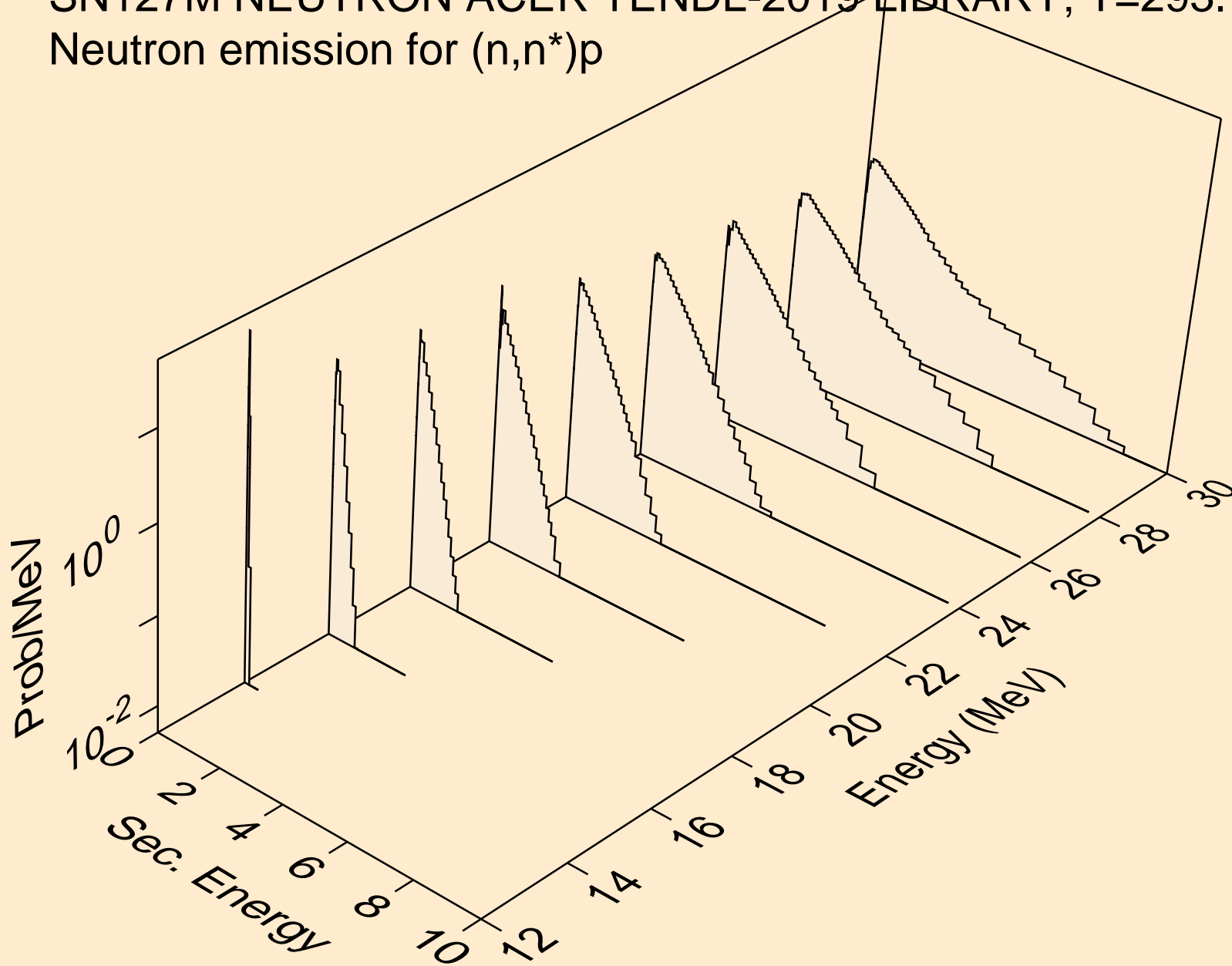




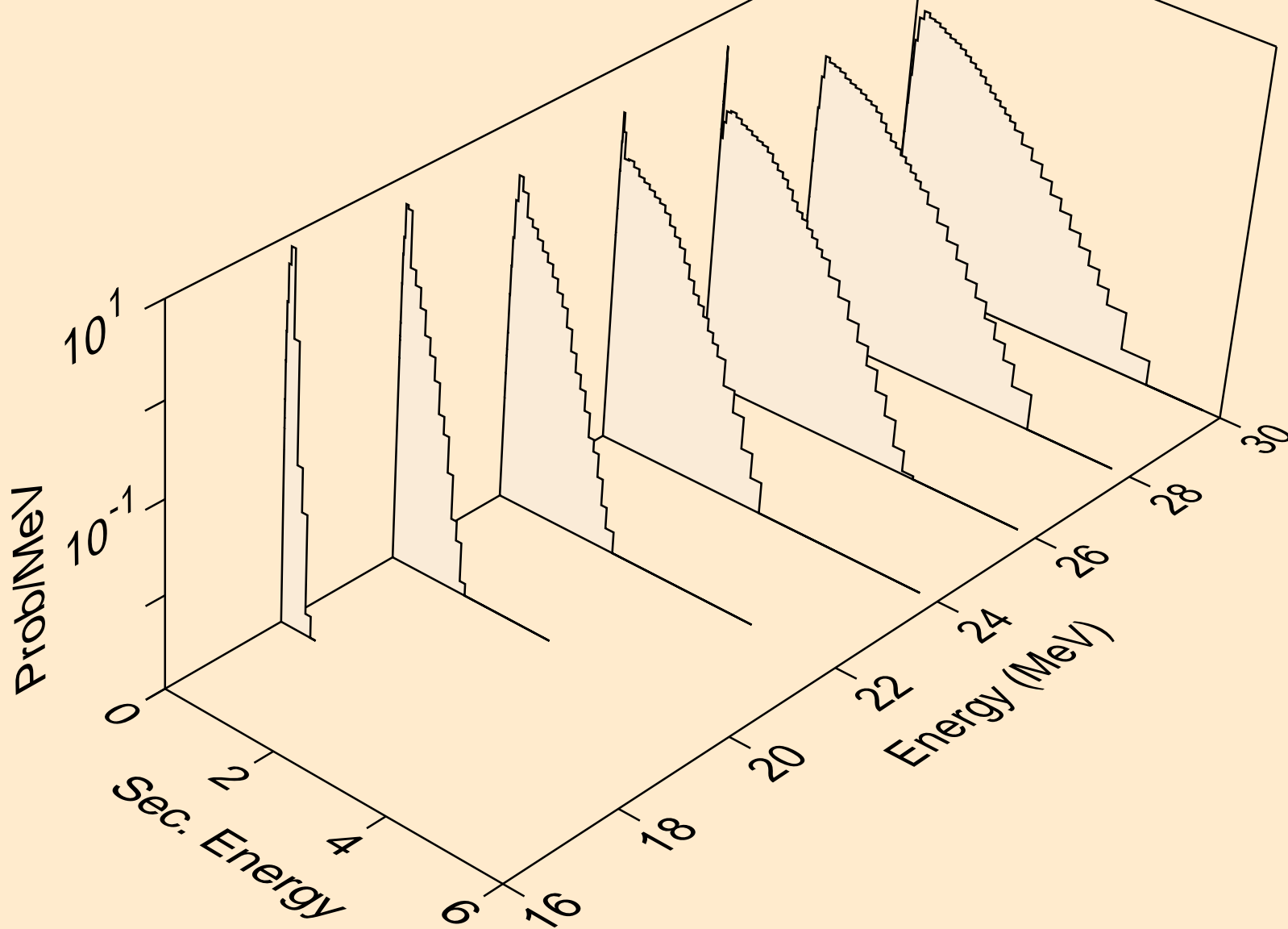
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



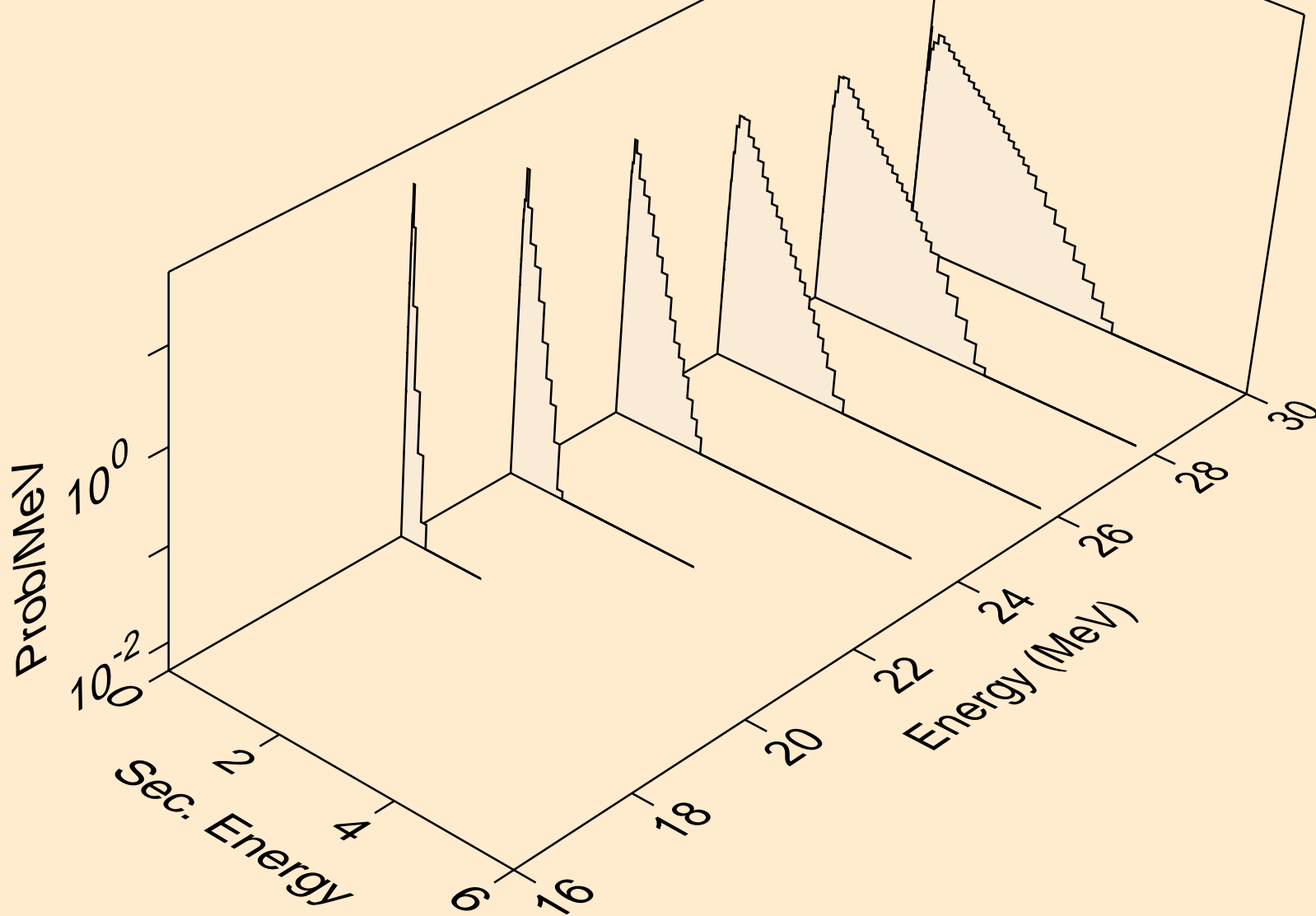
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



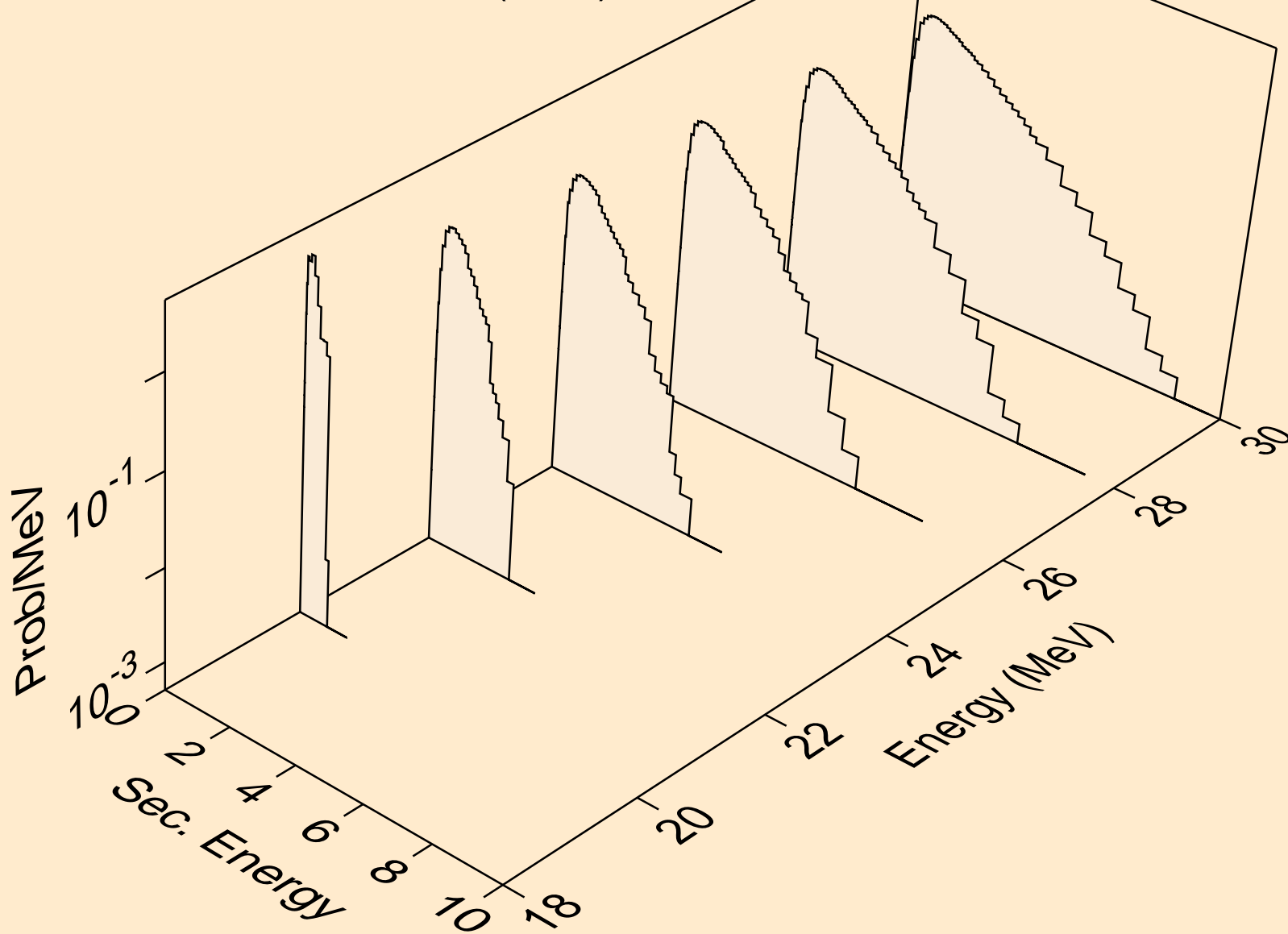
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



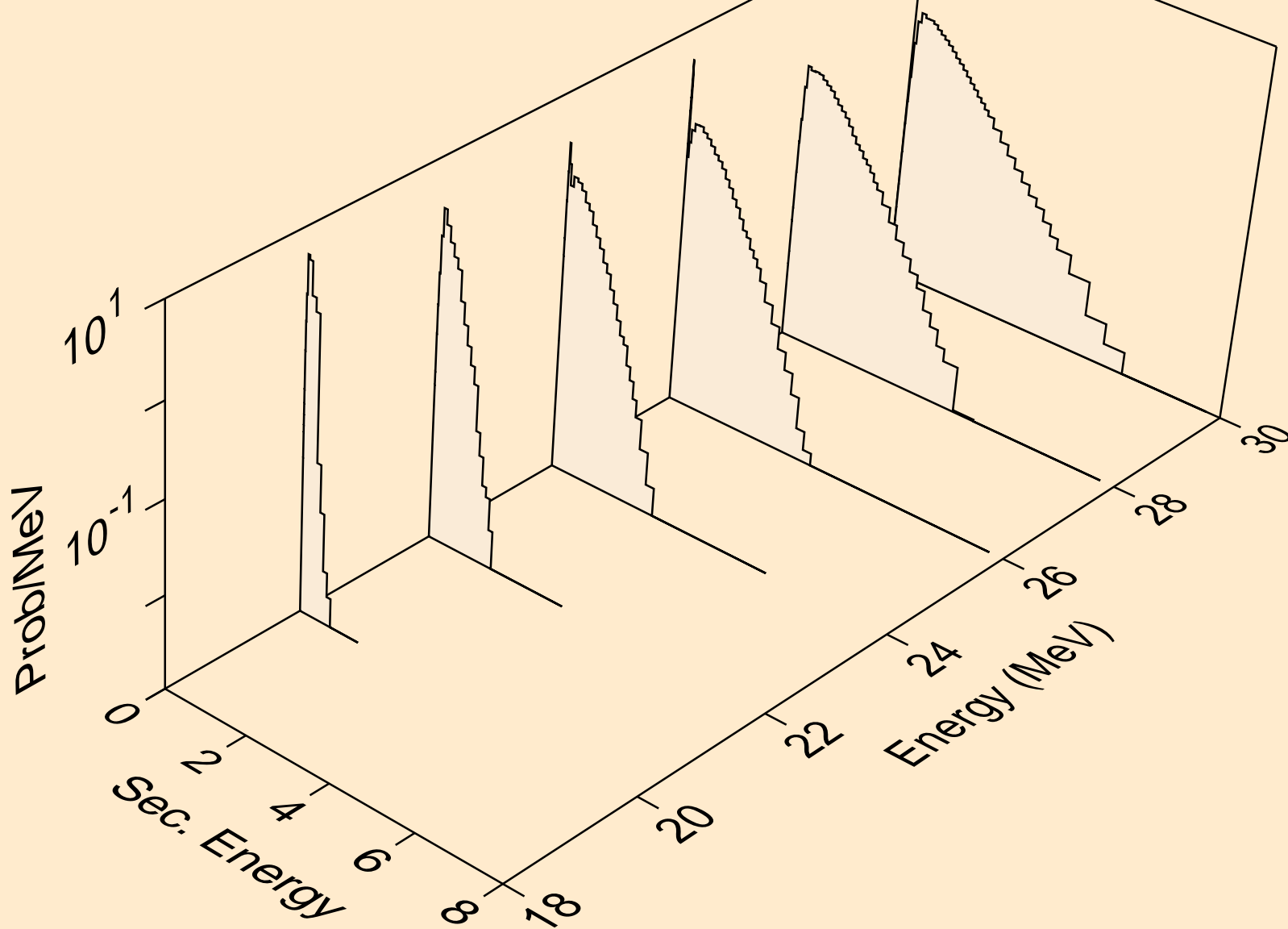
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



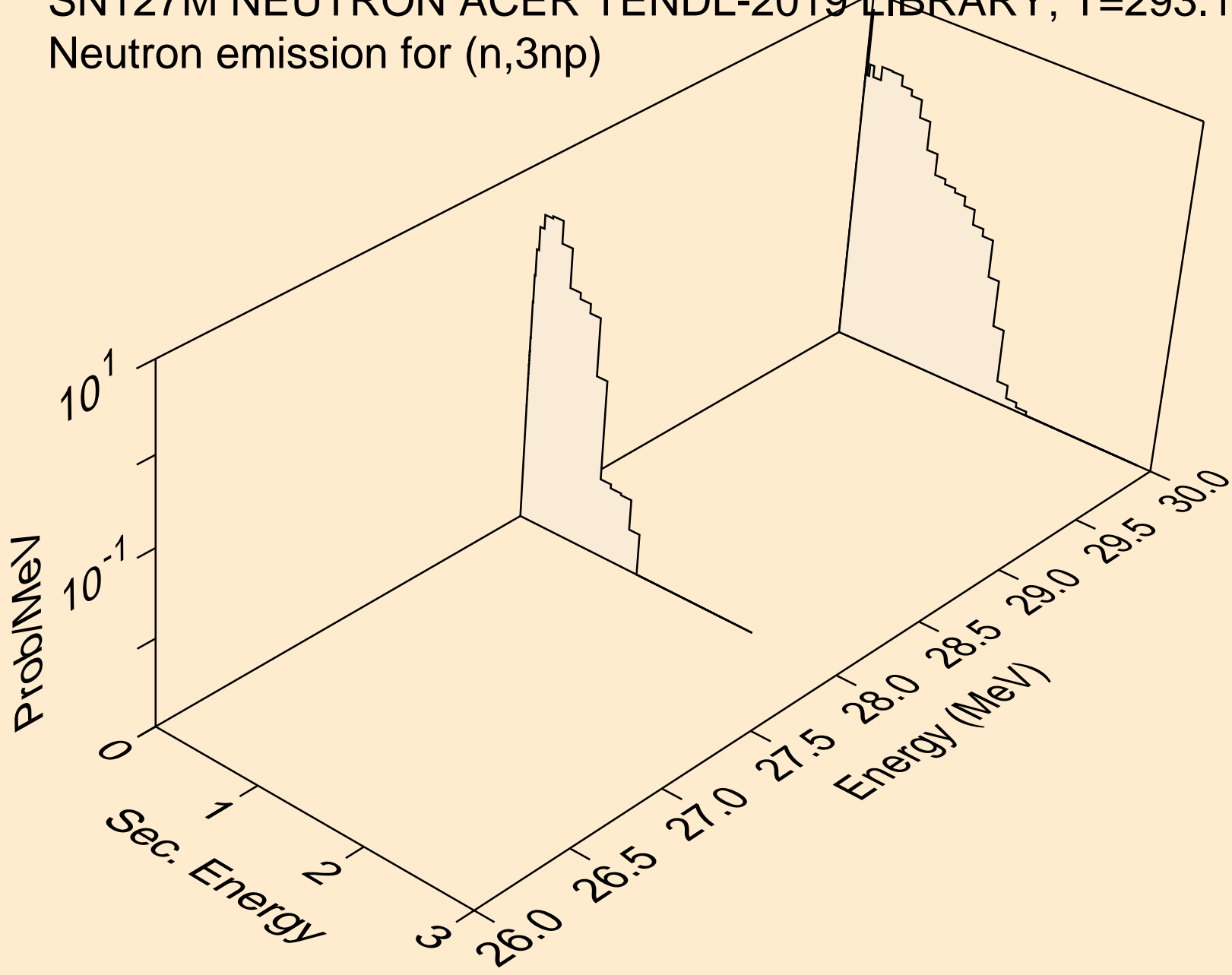
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



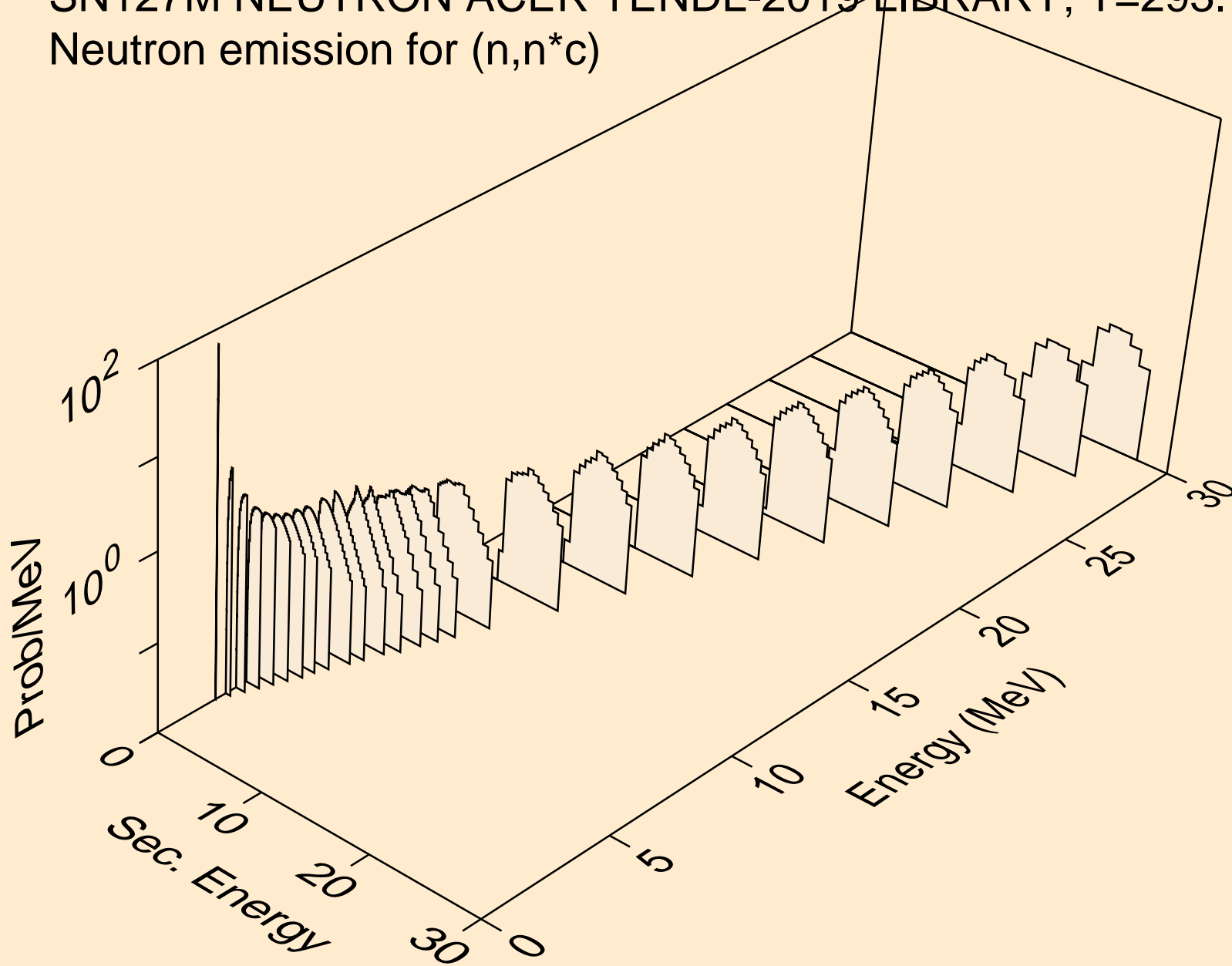
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

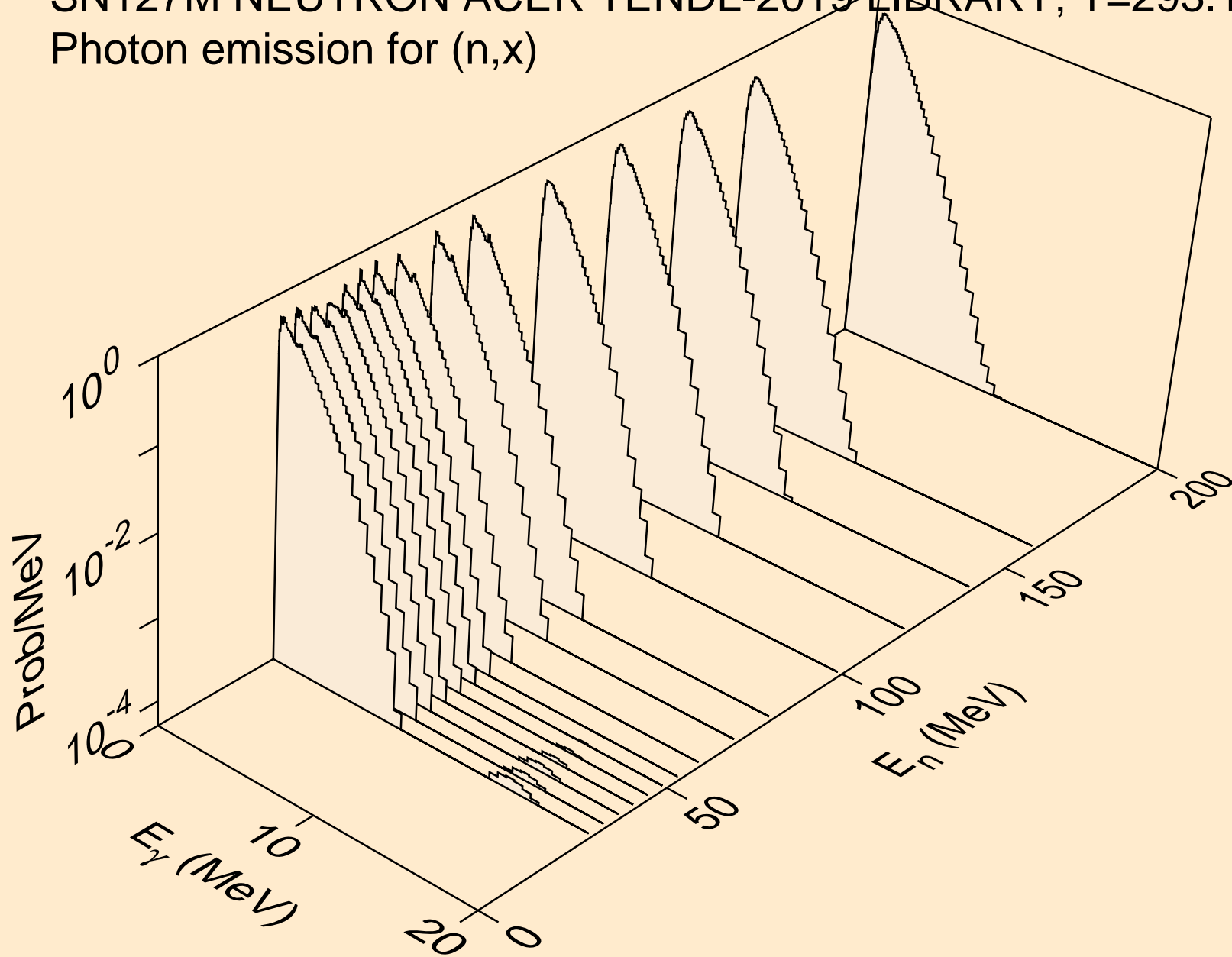


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)

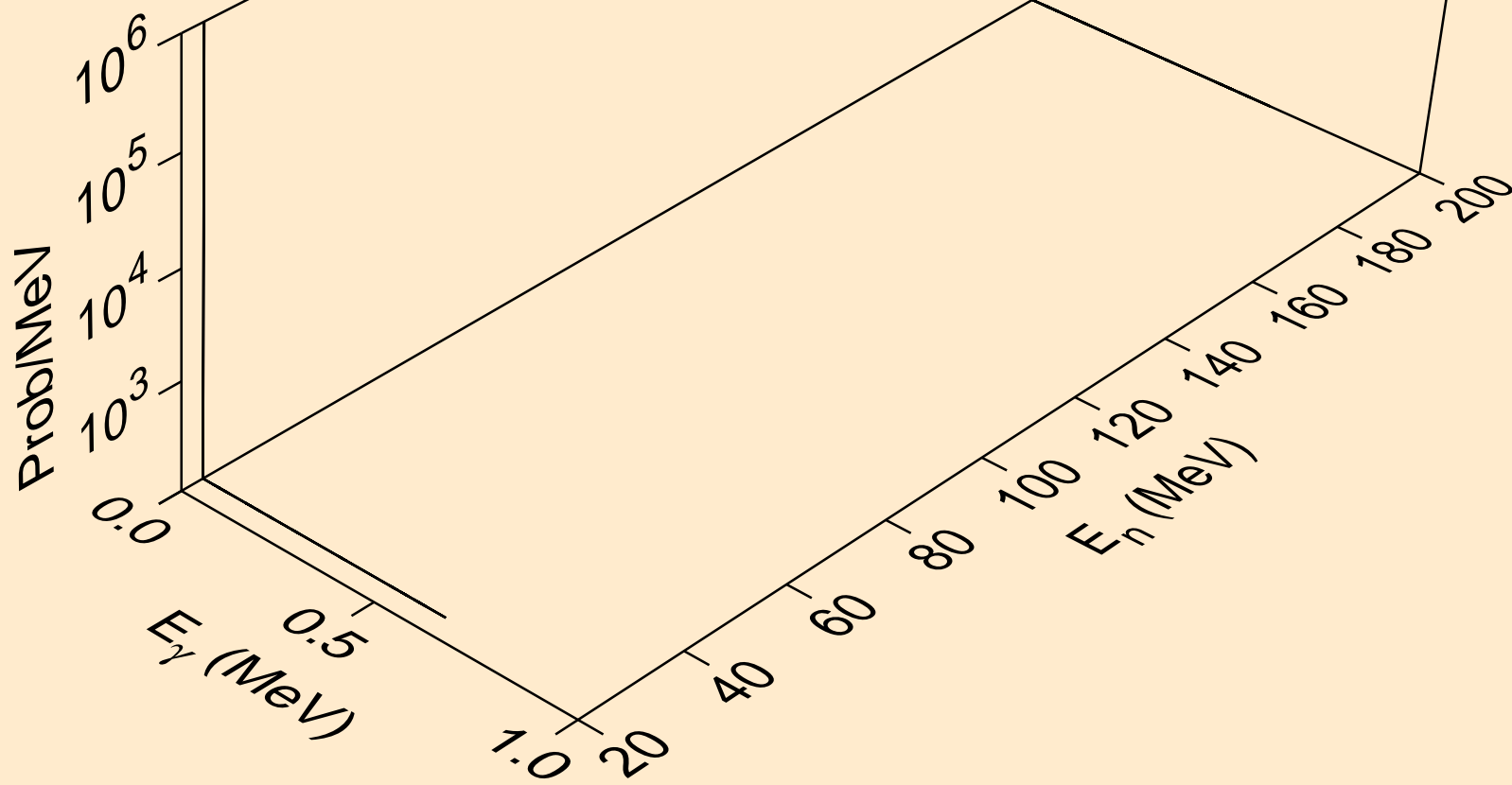




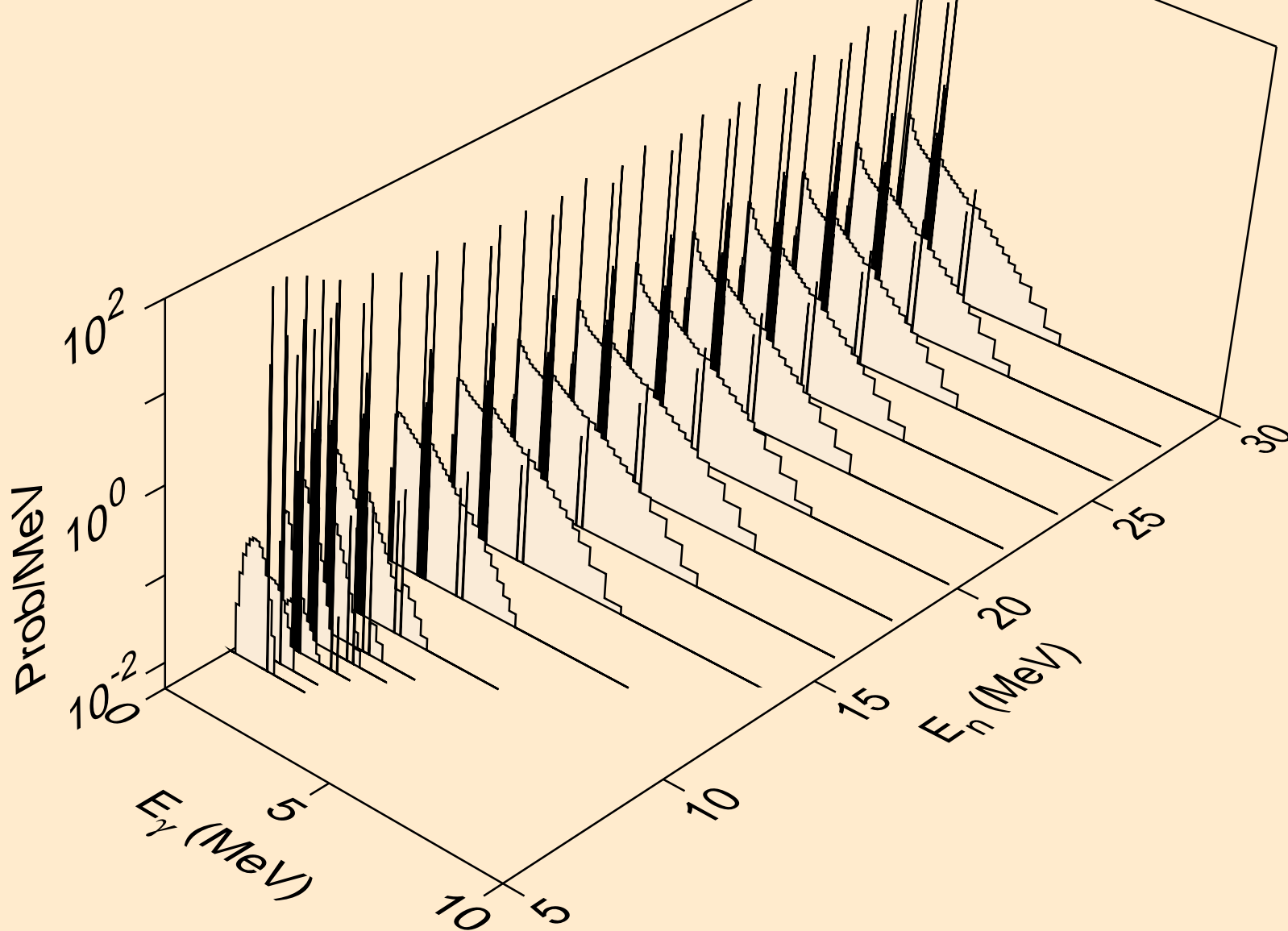
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



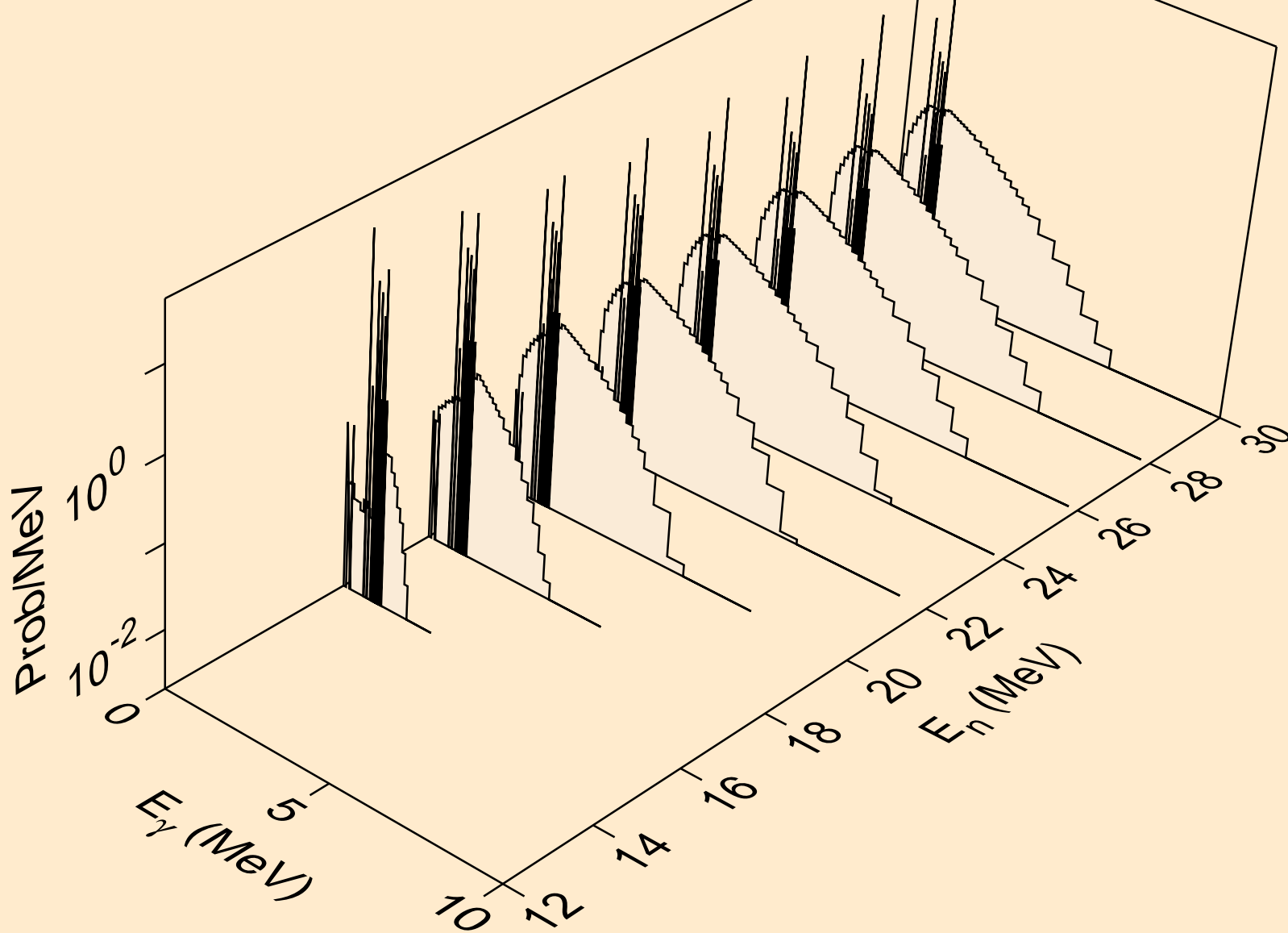
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



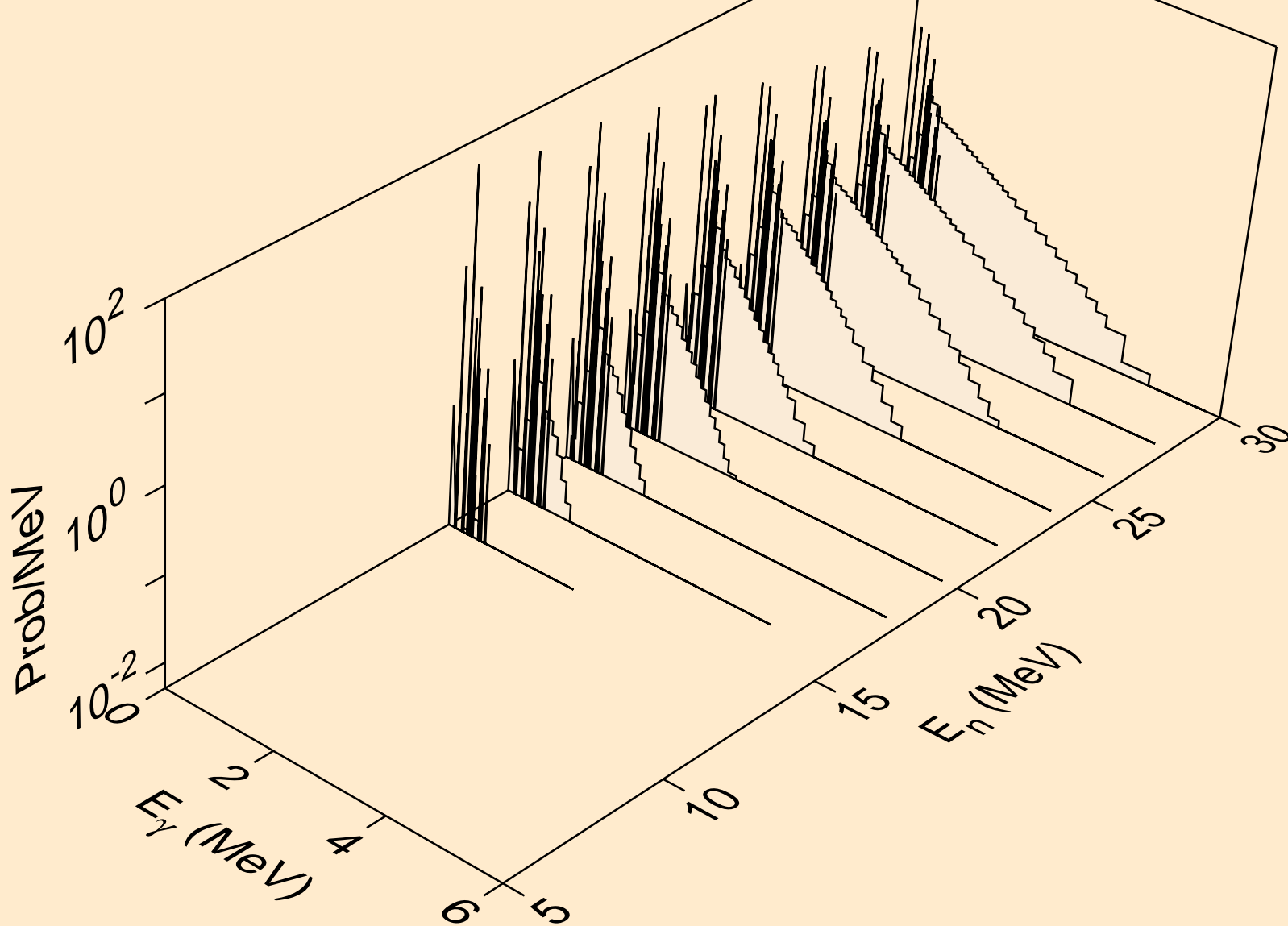
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



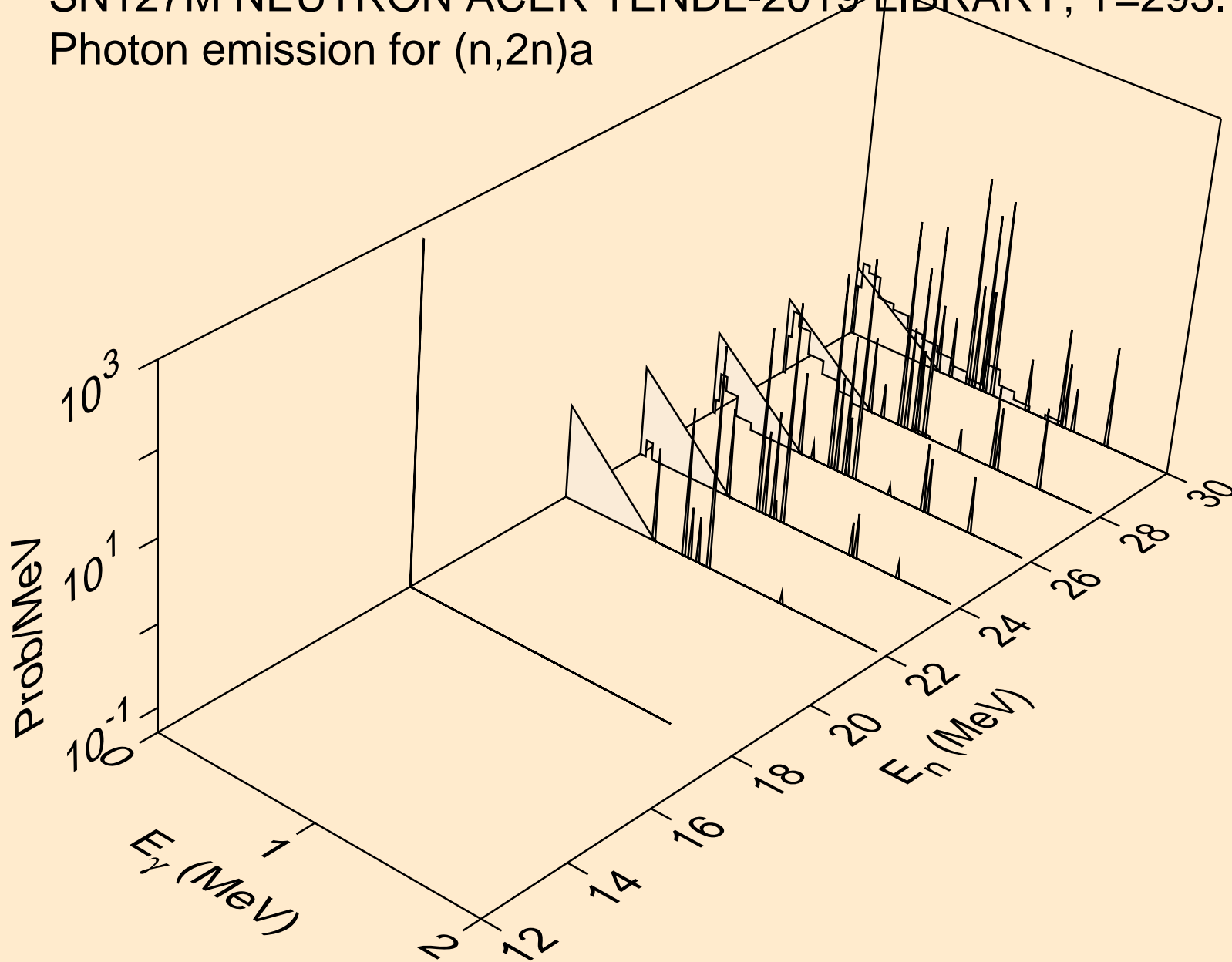
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



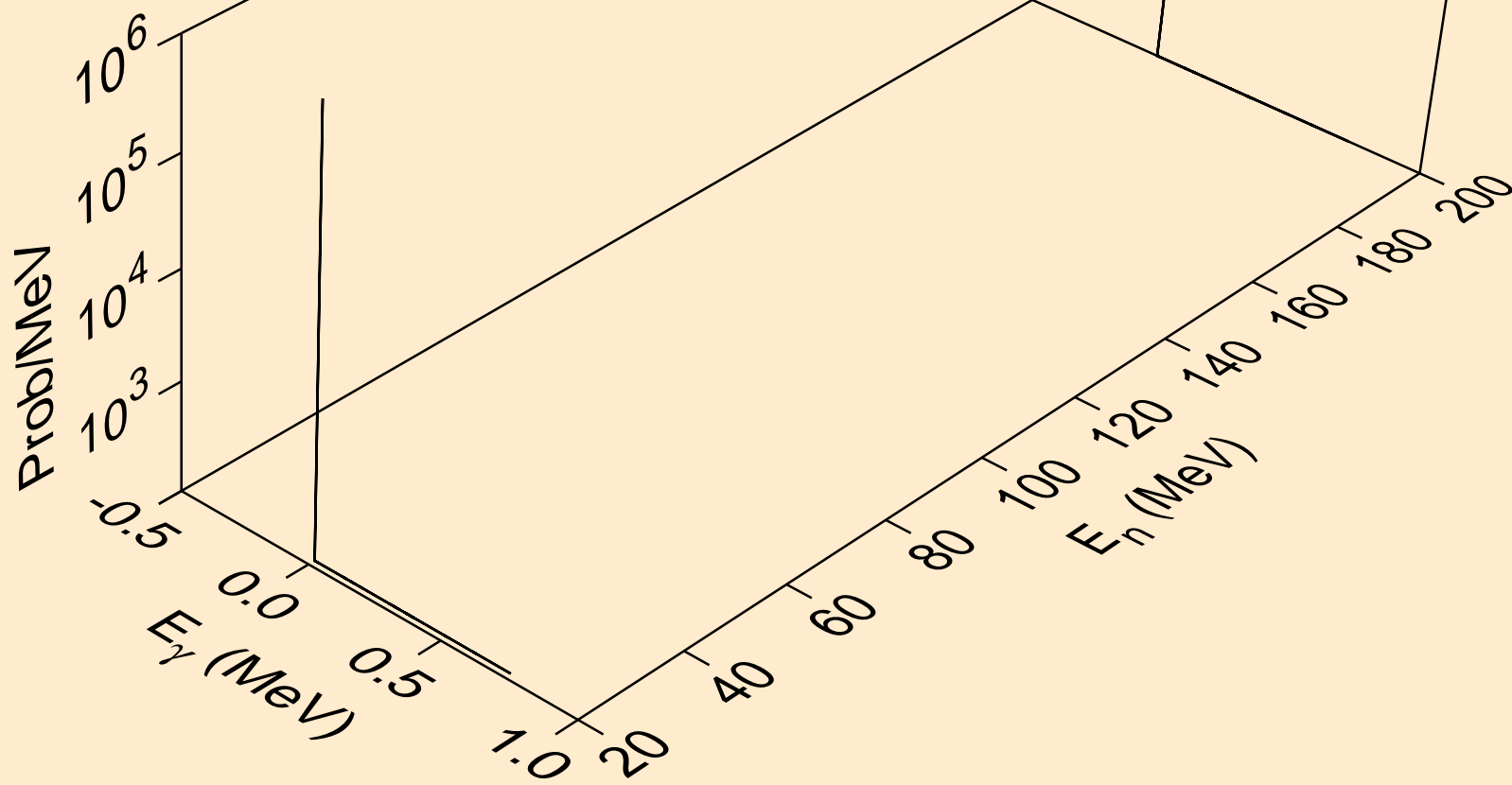
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



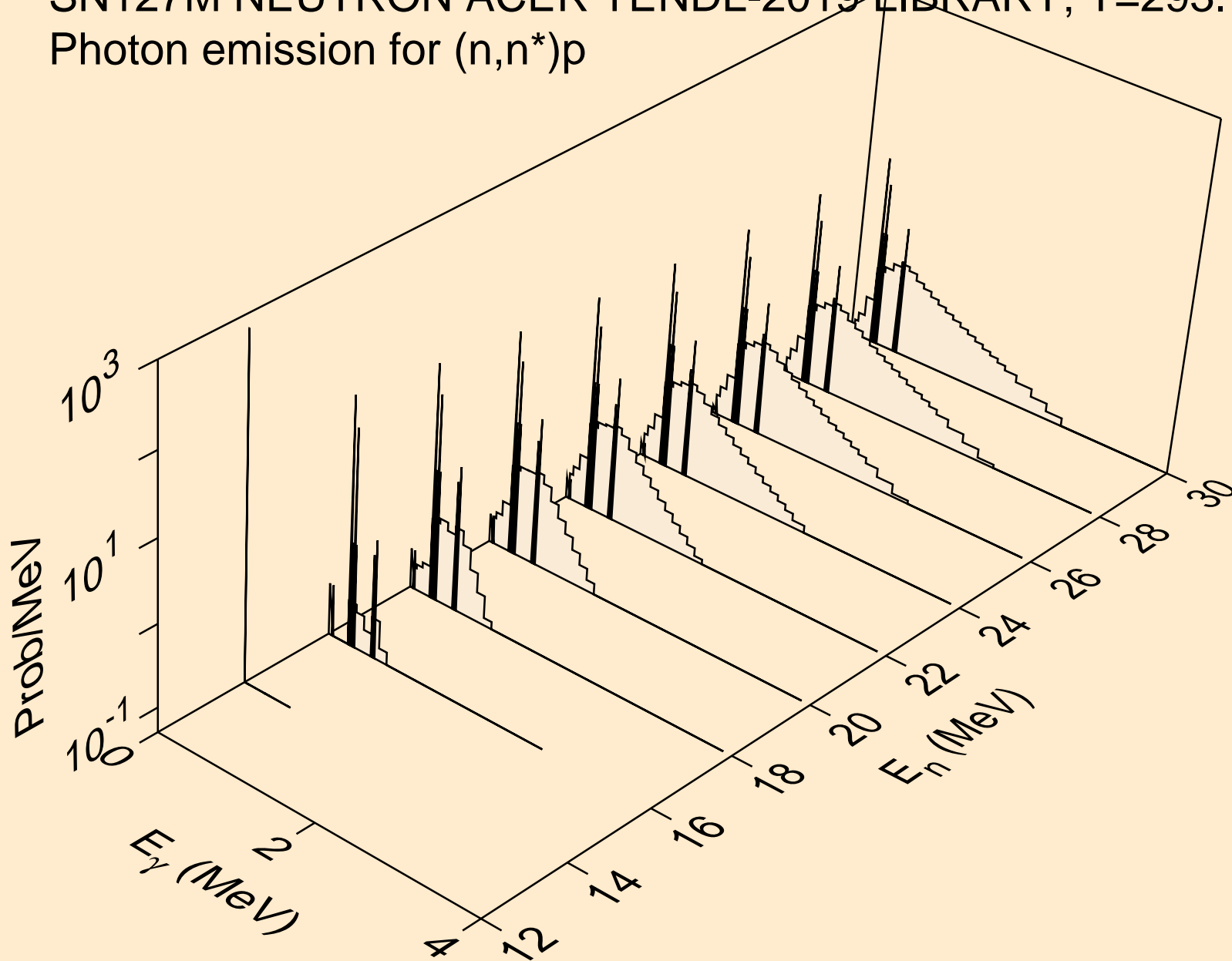
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

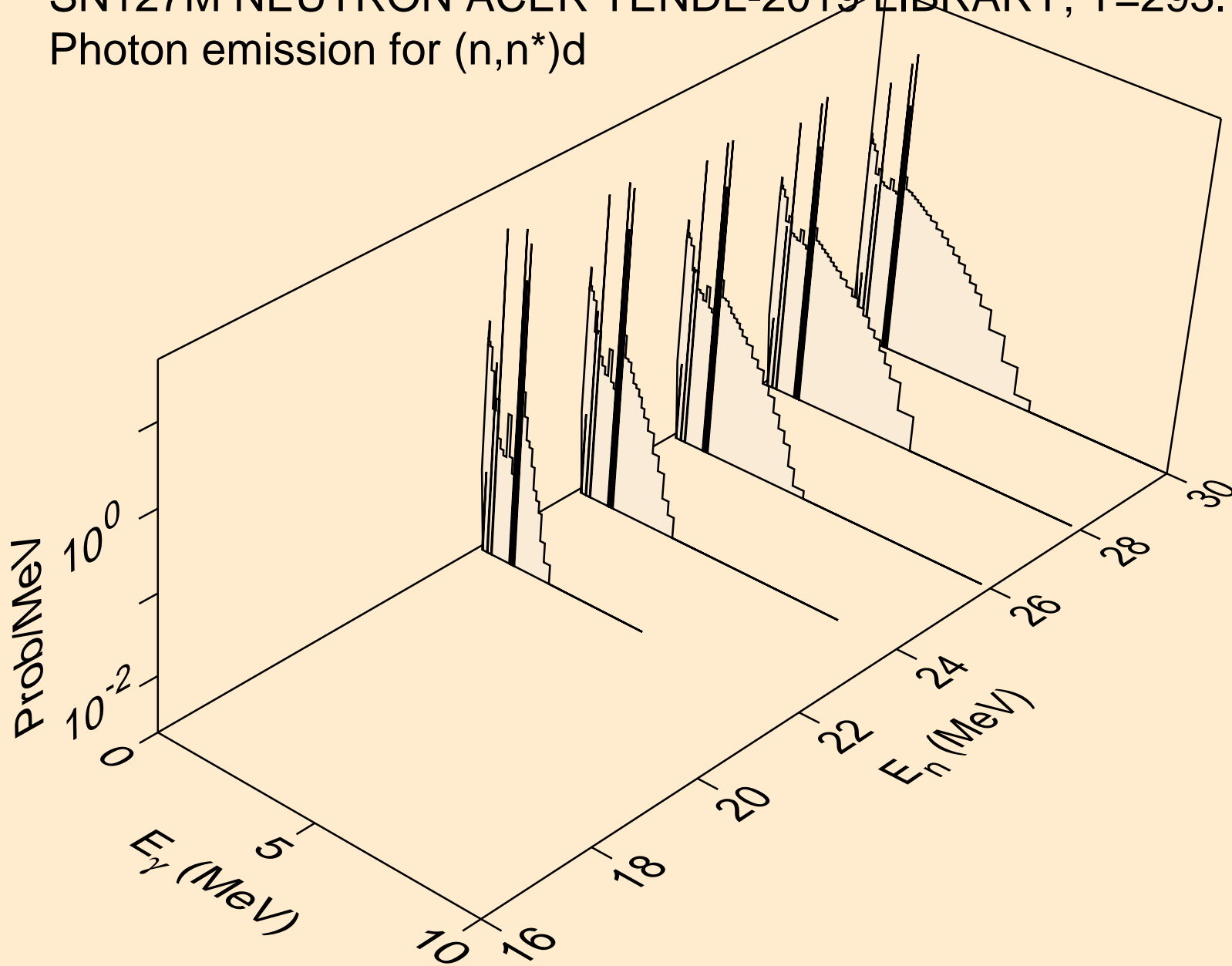


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p

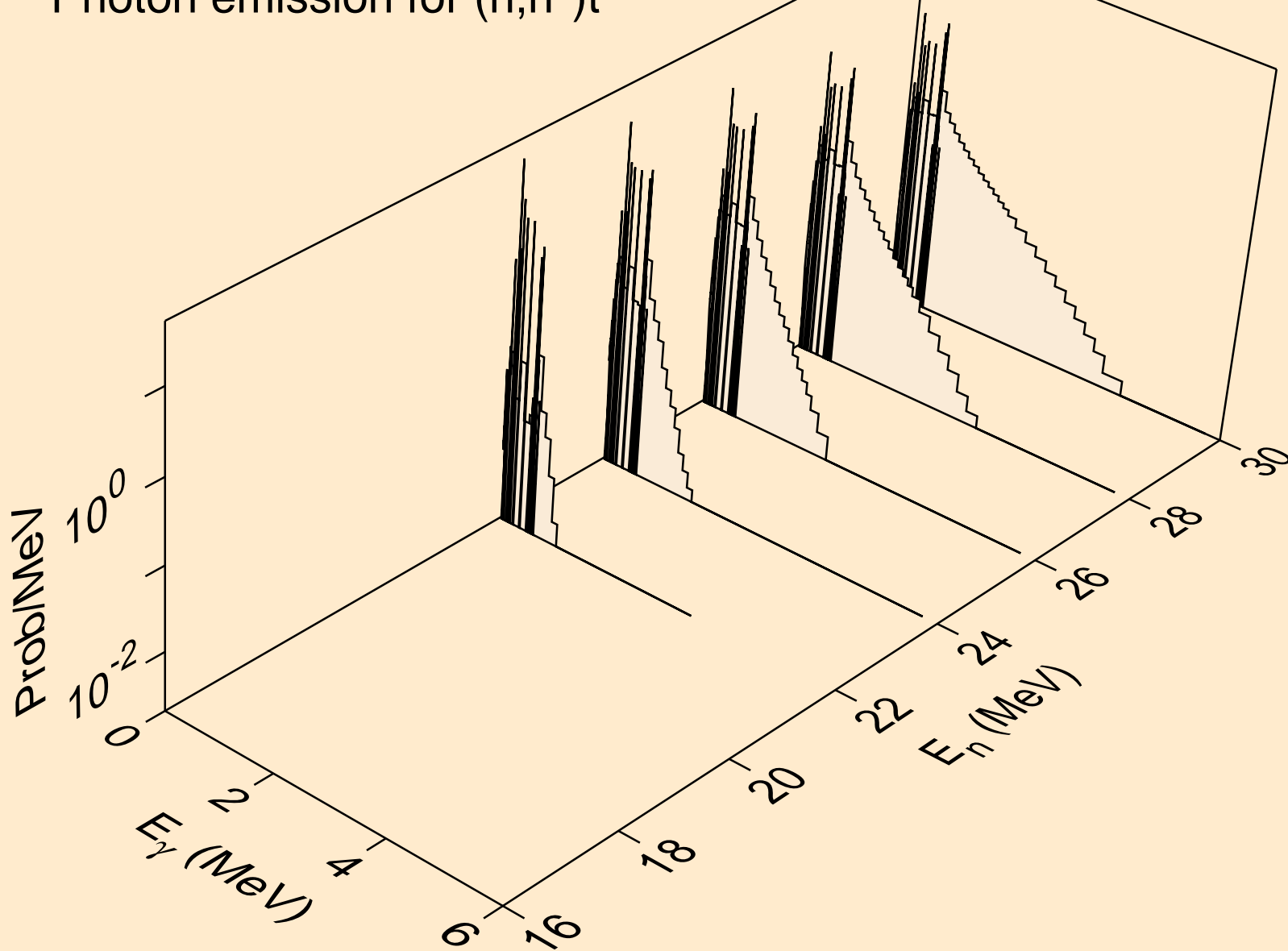




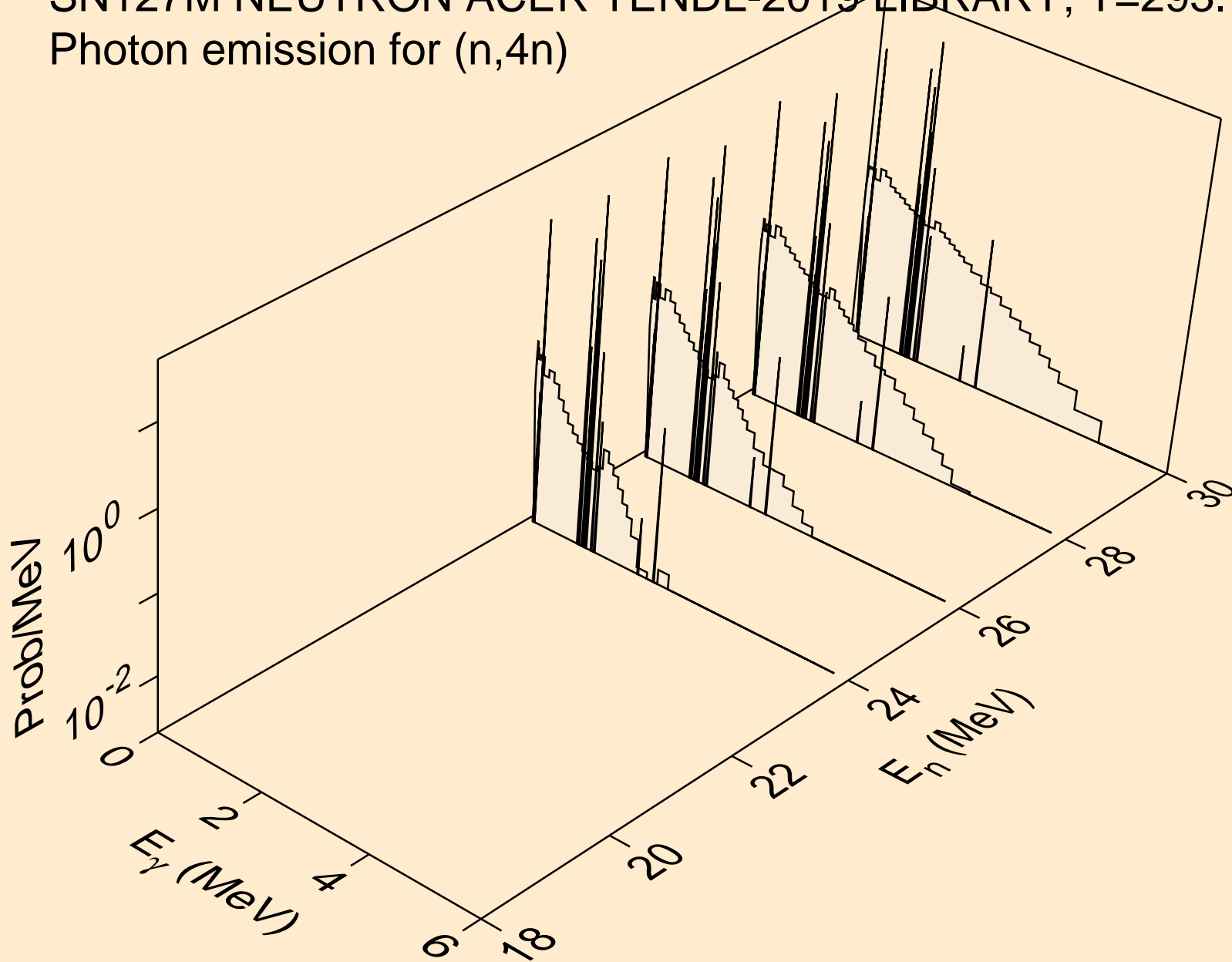
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



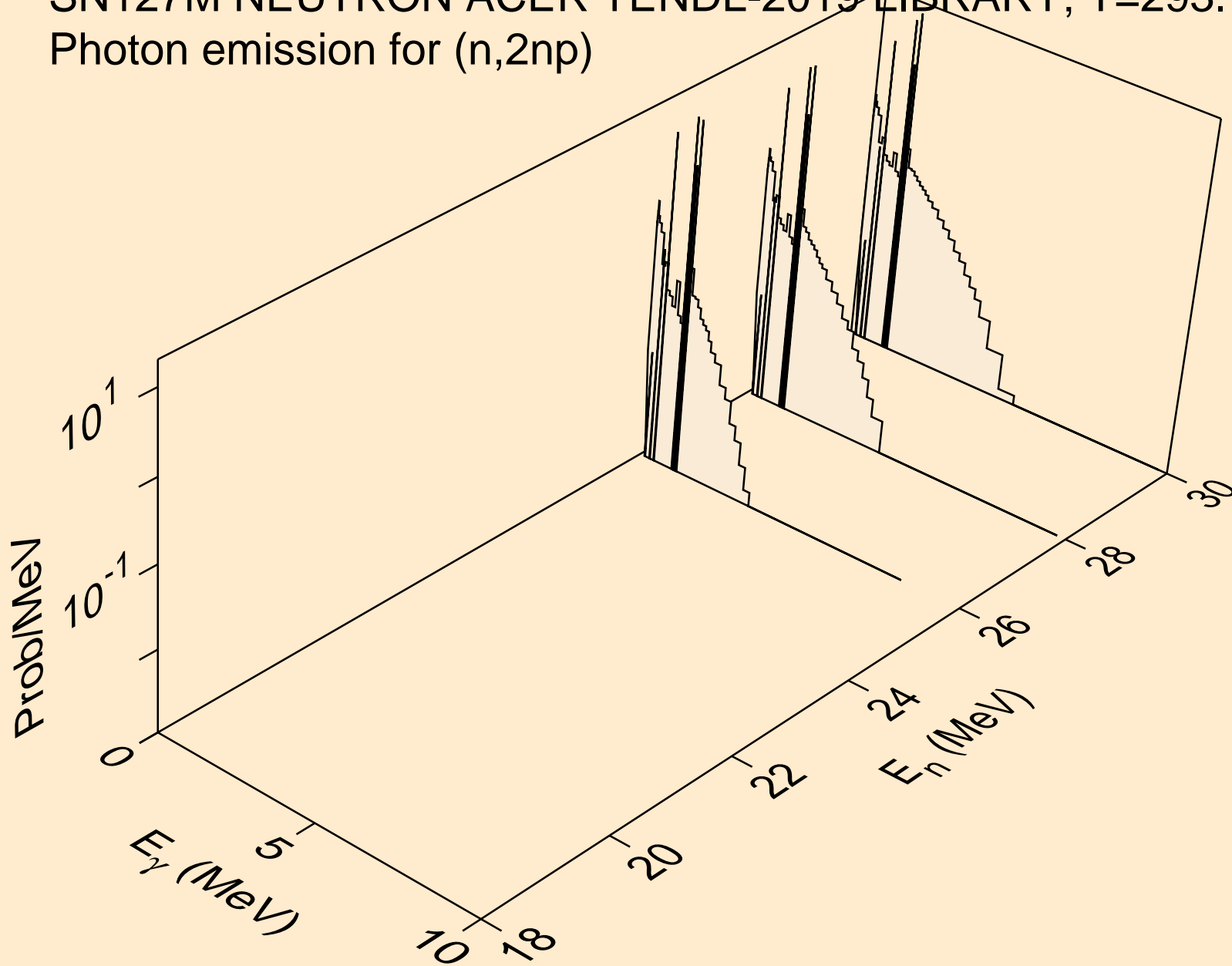
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



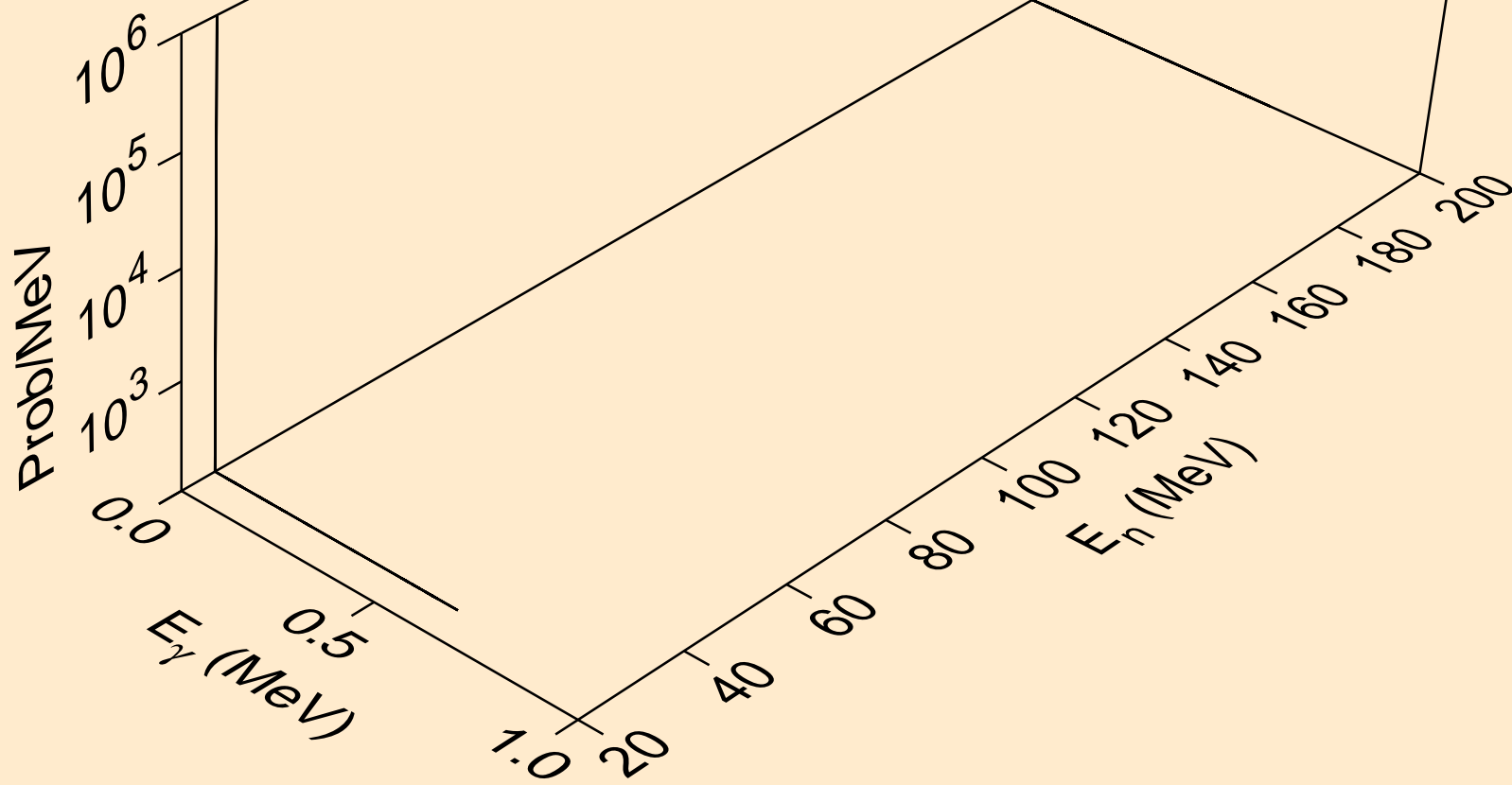
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



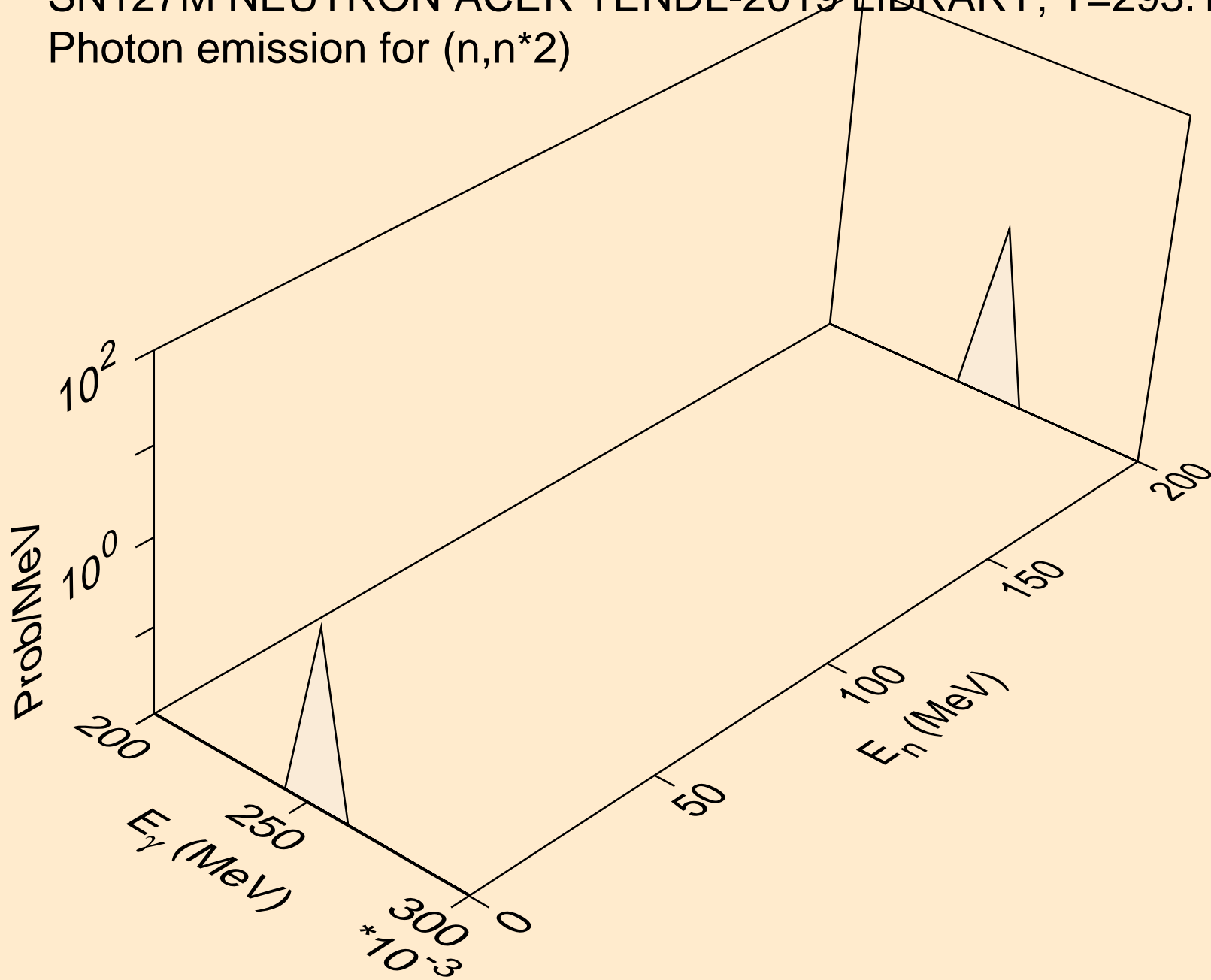
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



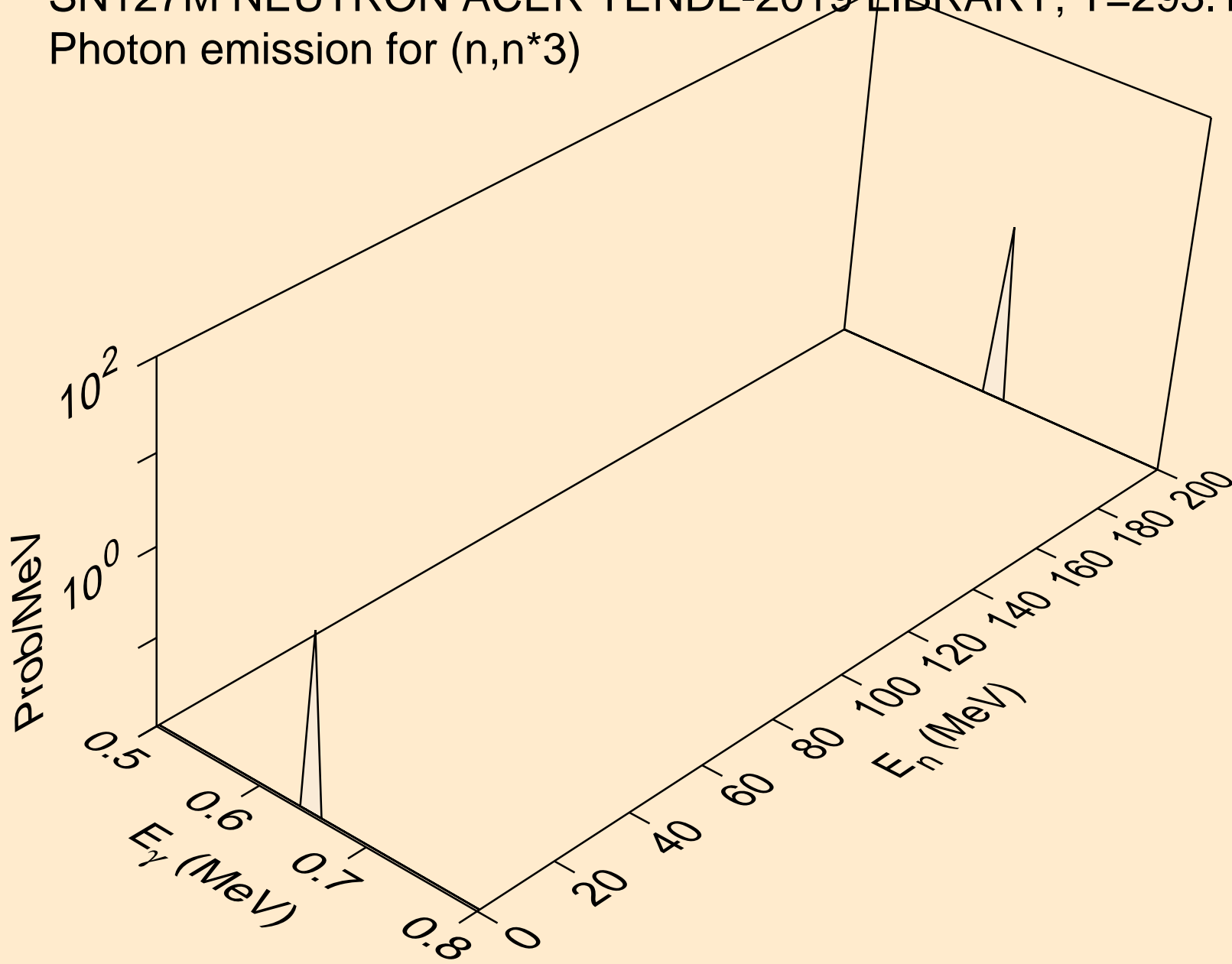
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



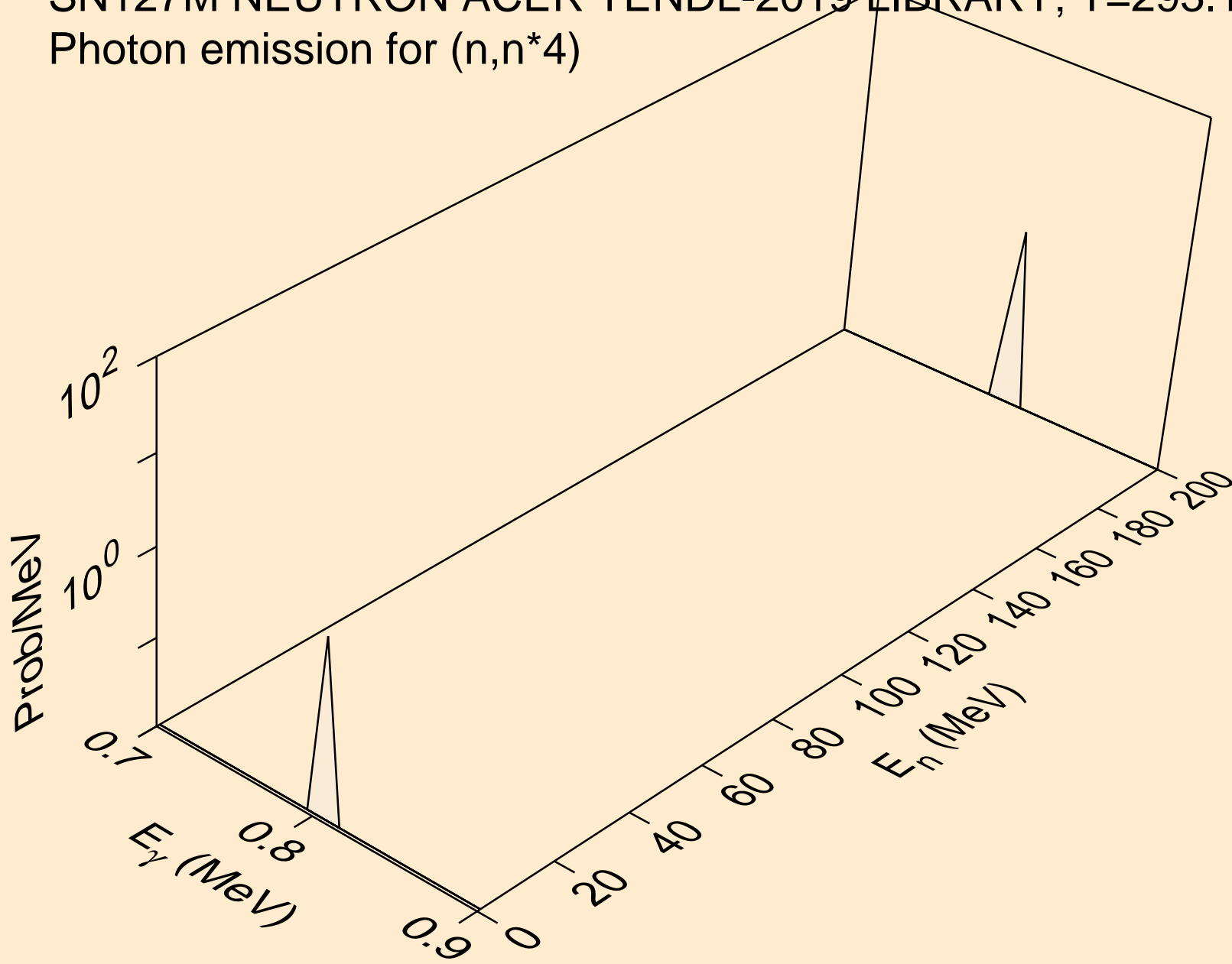
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*2)



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*3)

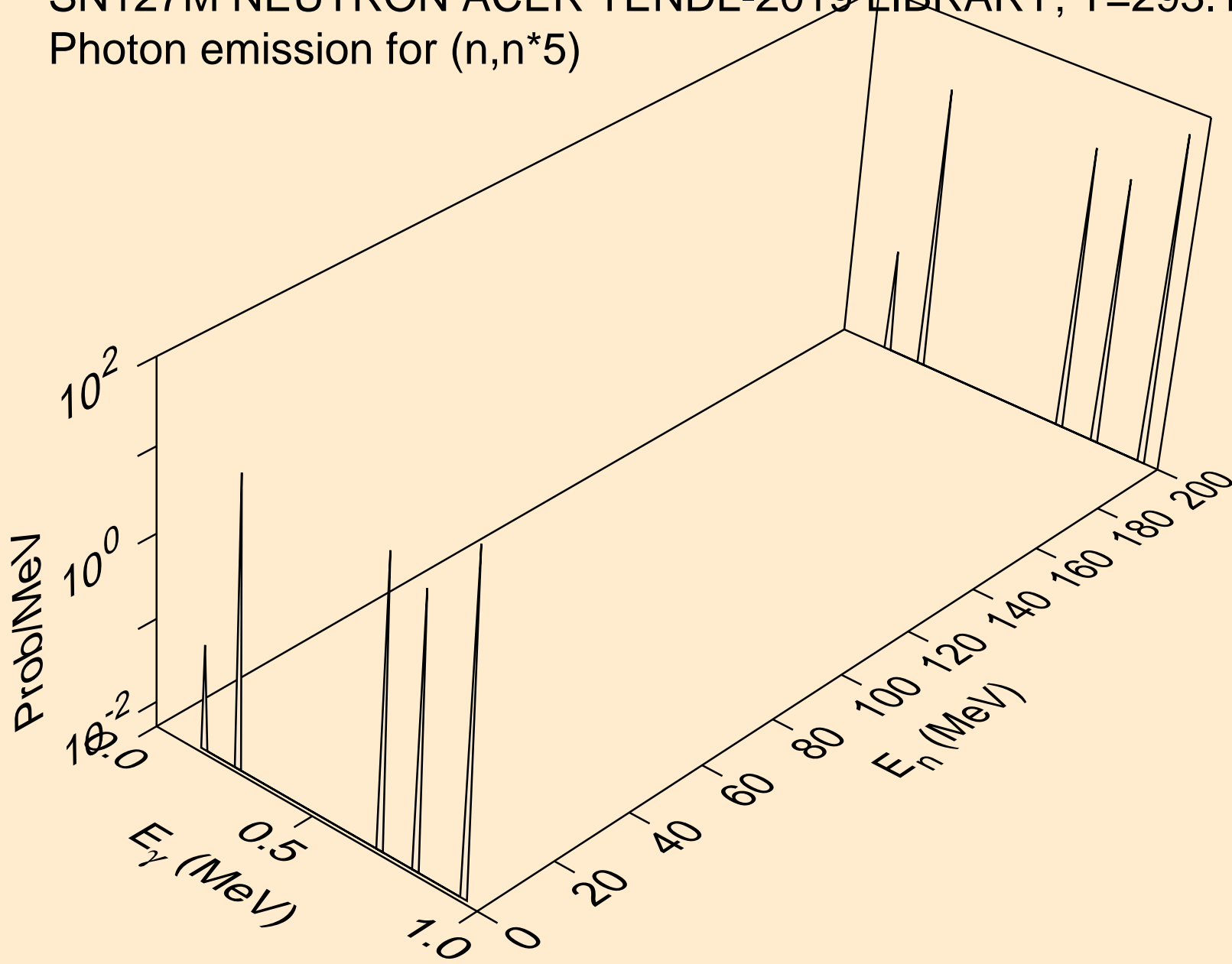


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*4)

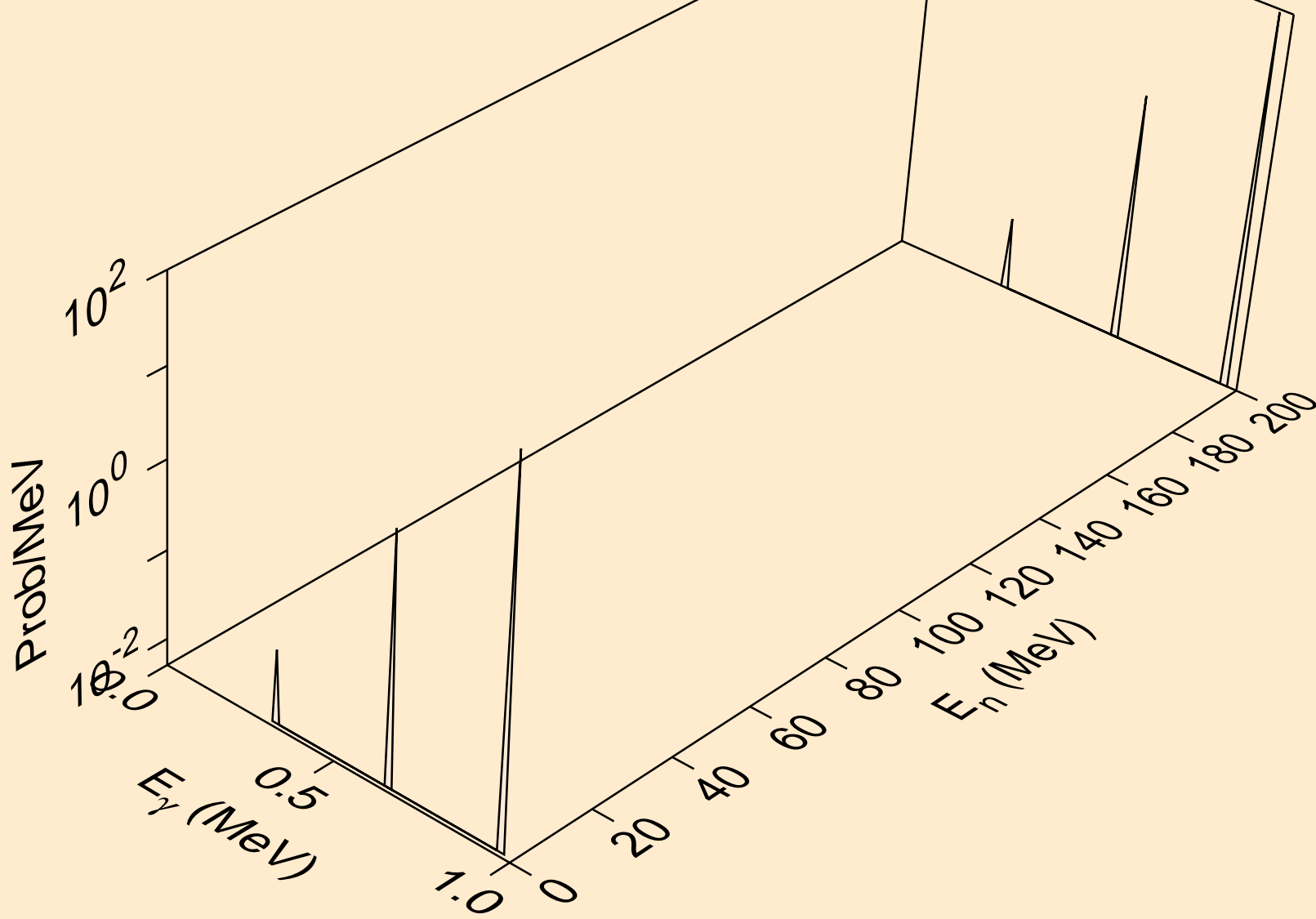




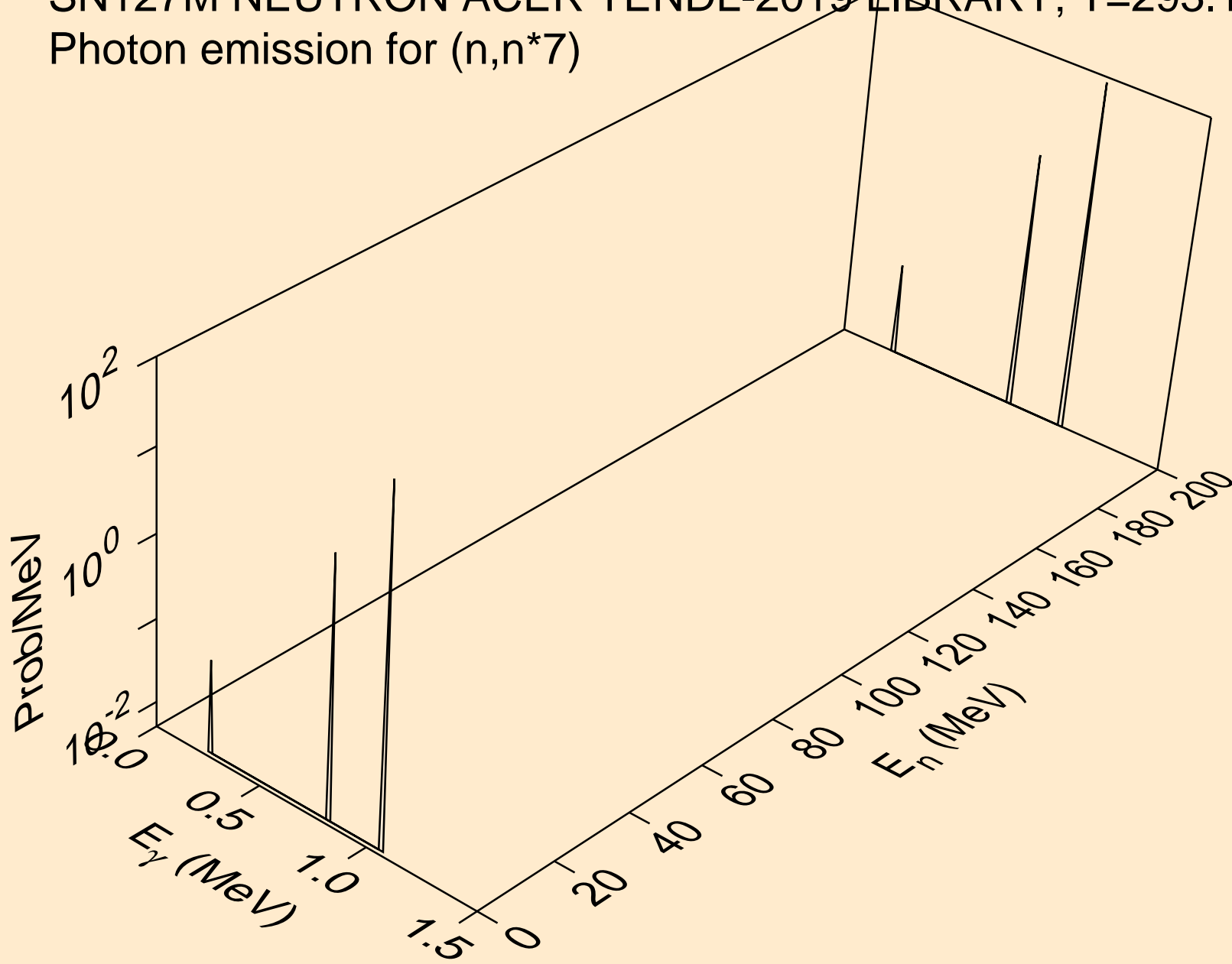
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*5)



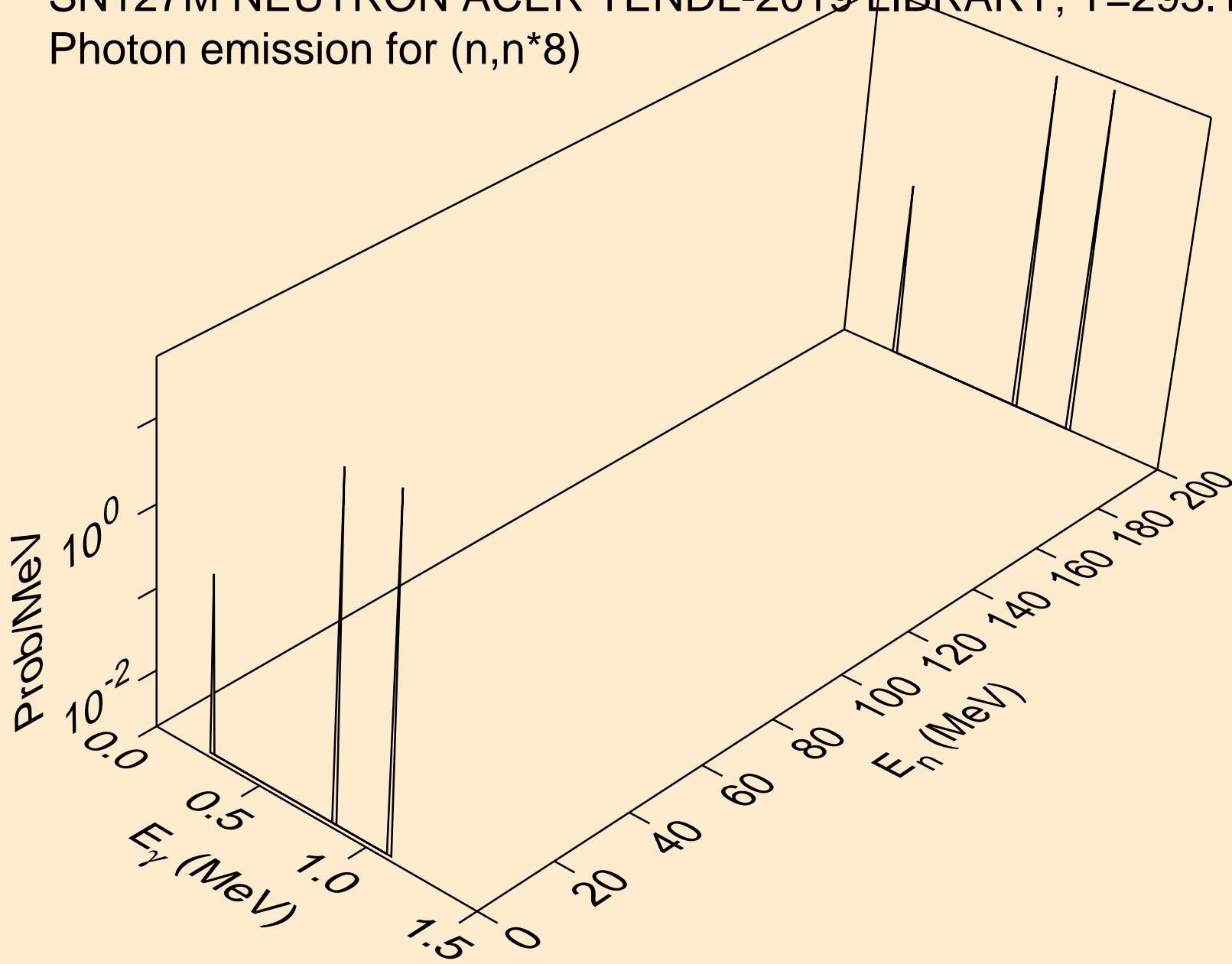
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*6)



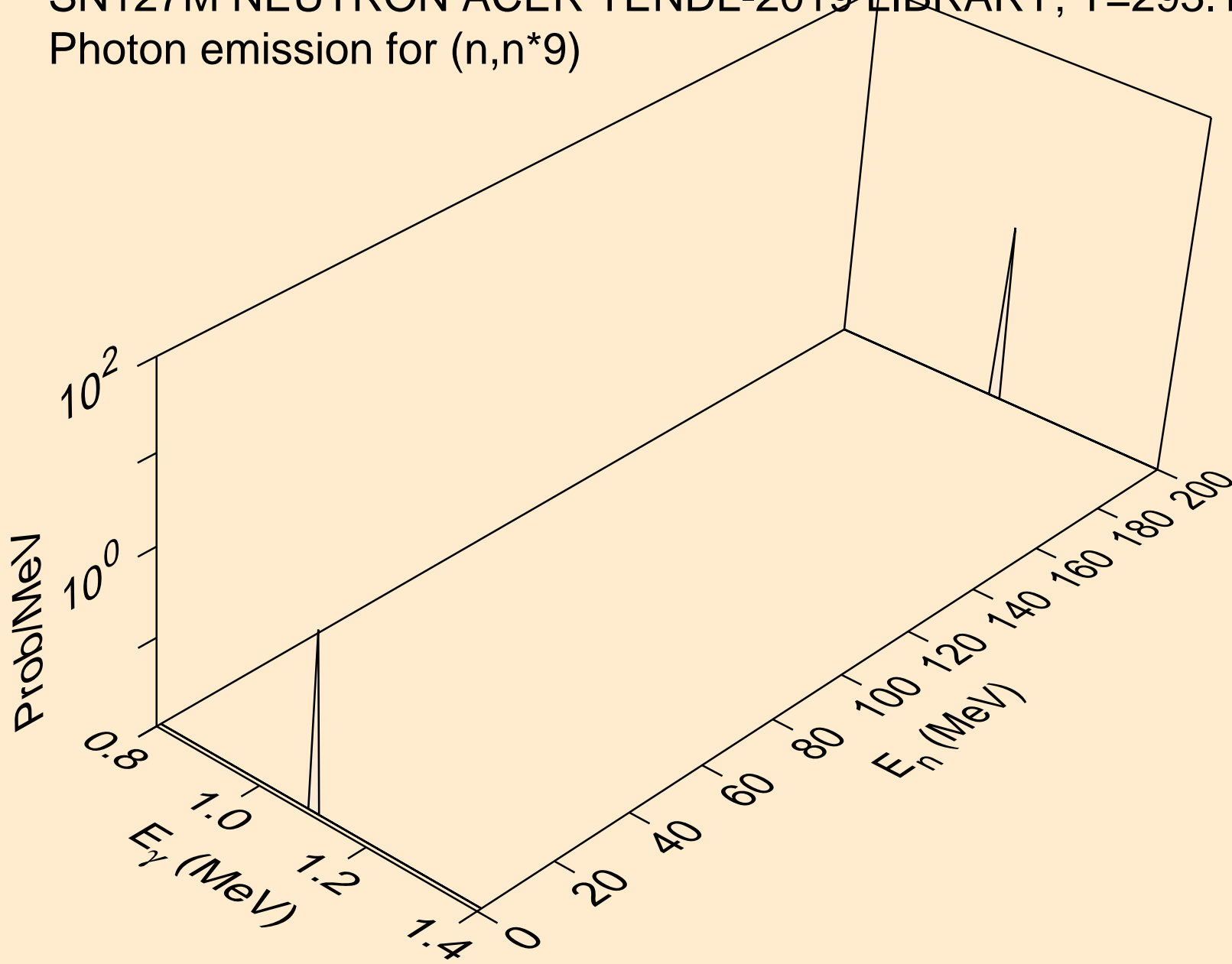
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*7)



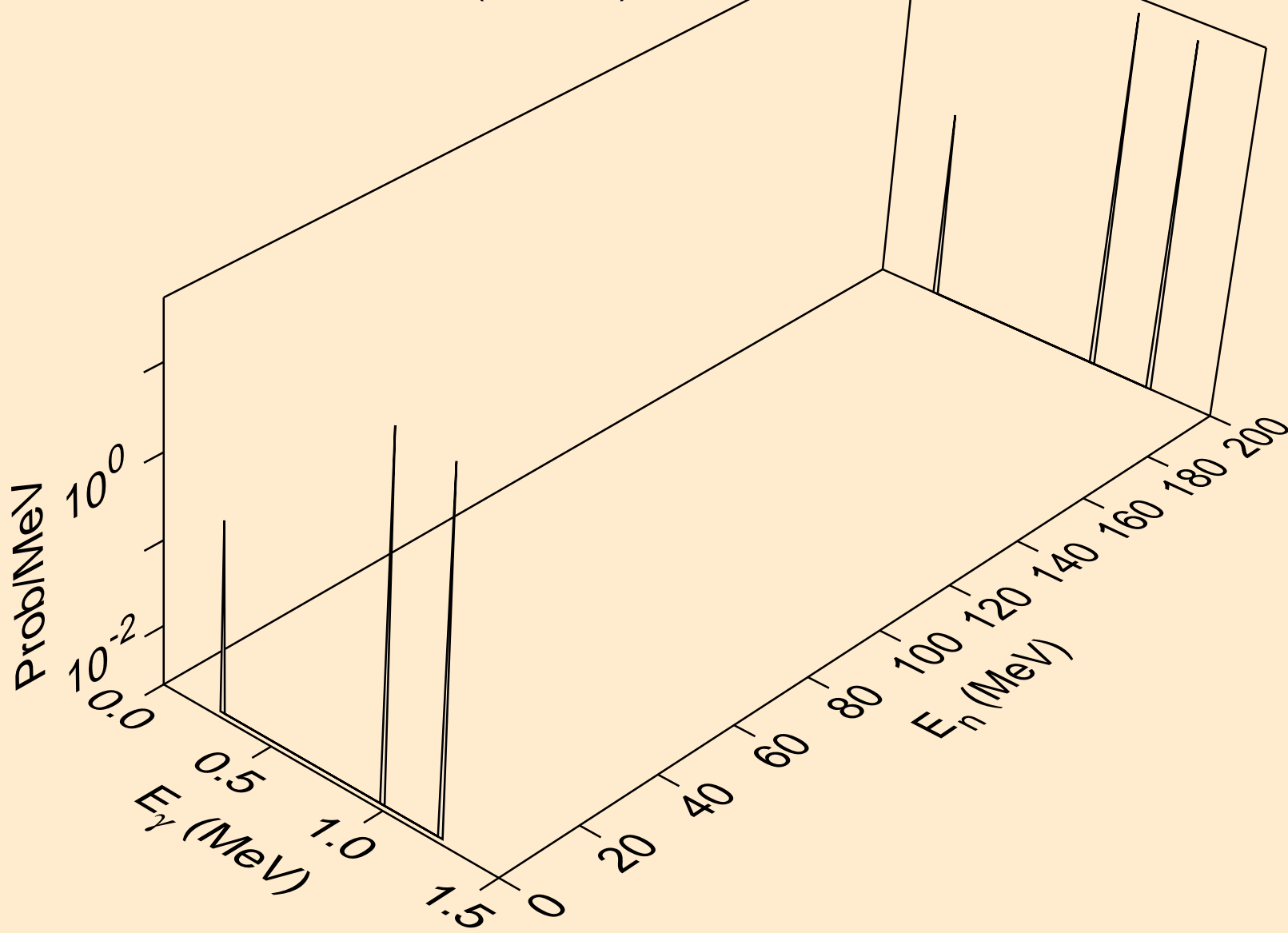
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*8)



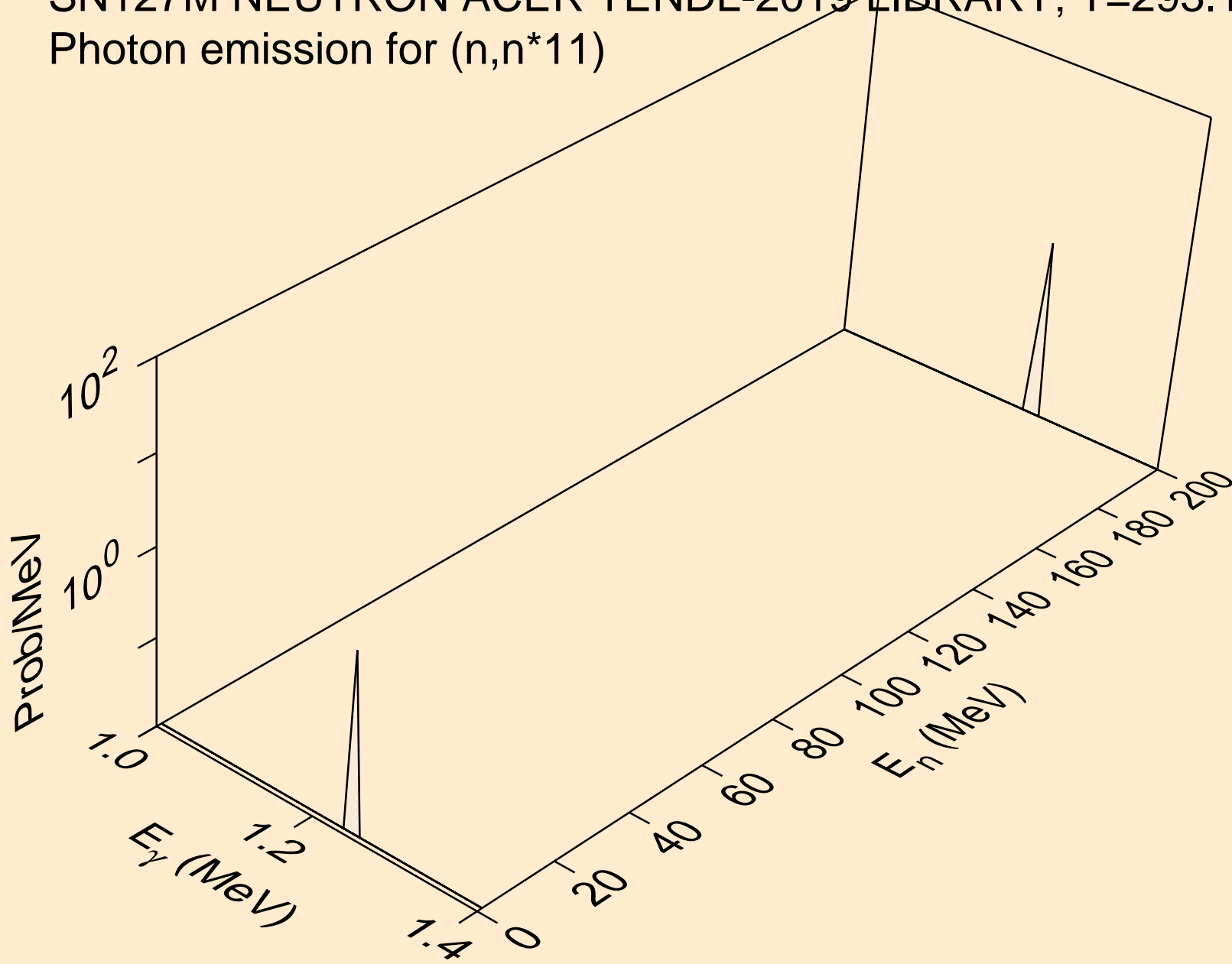
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*9)



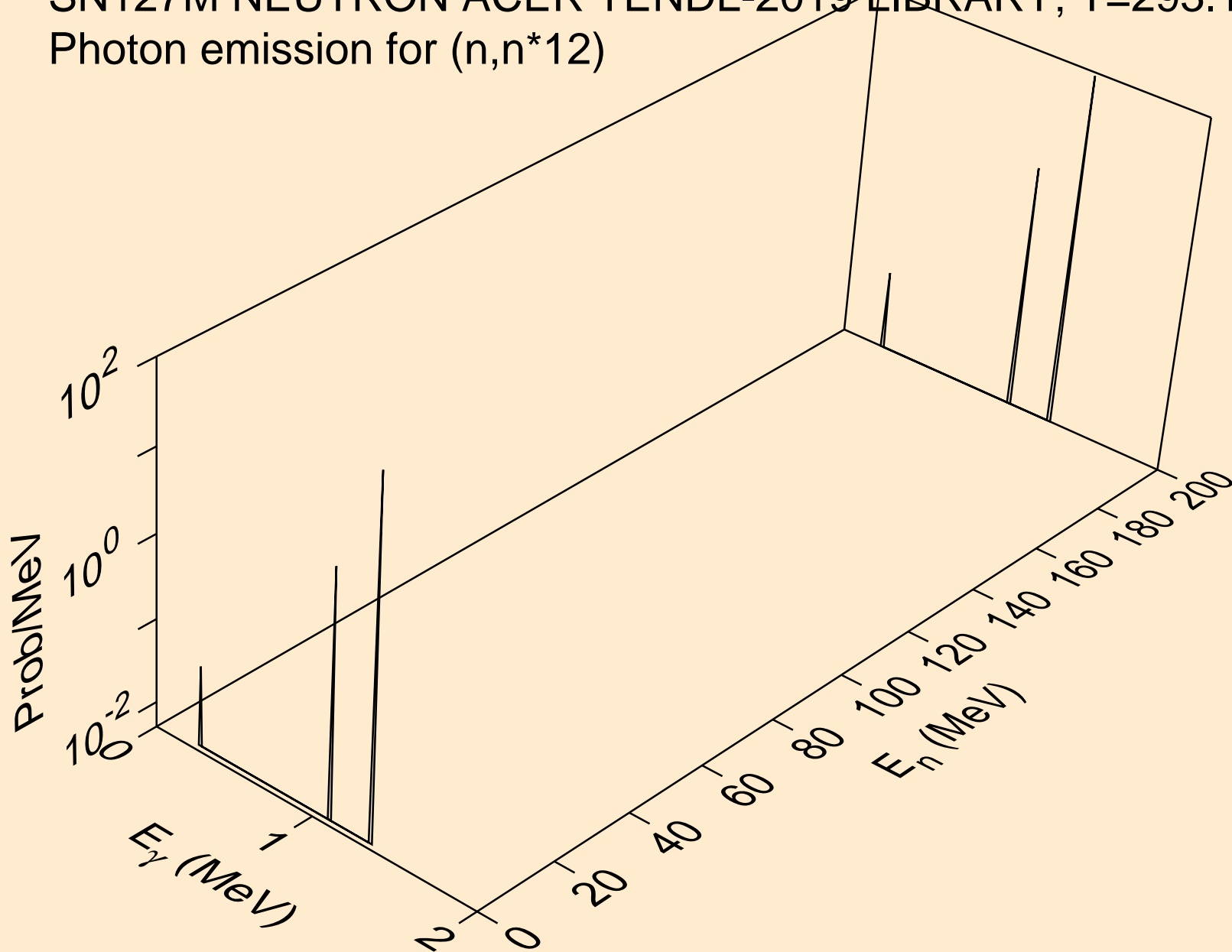
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*10)



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*11)

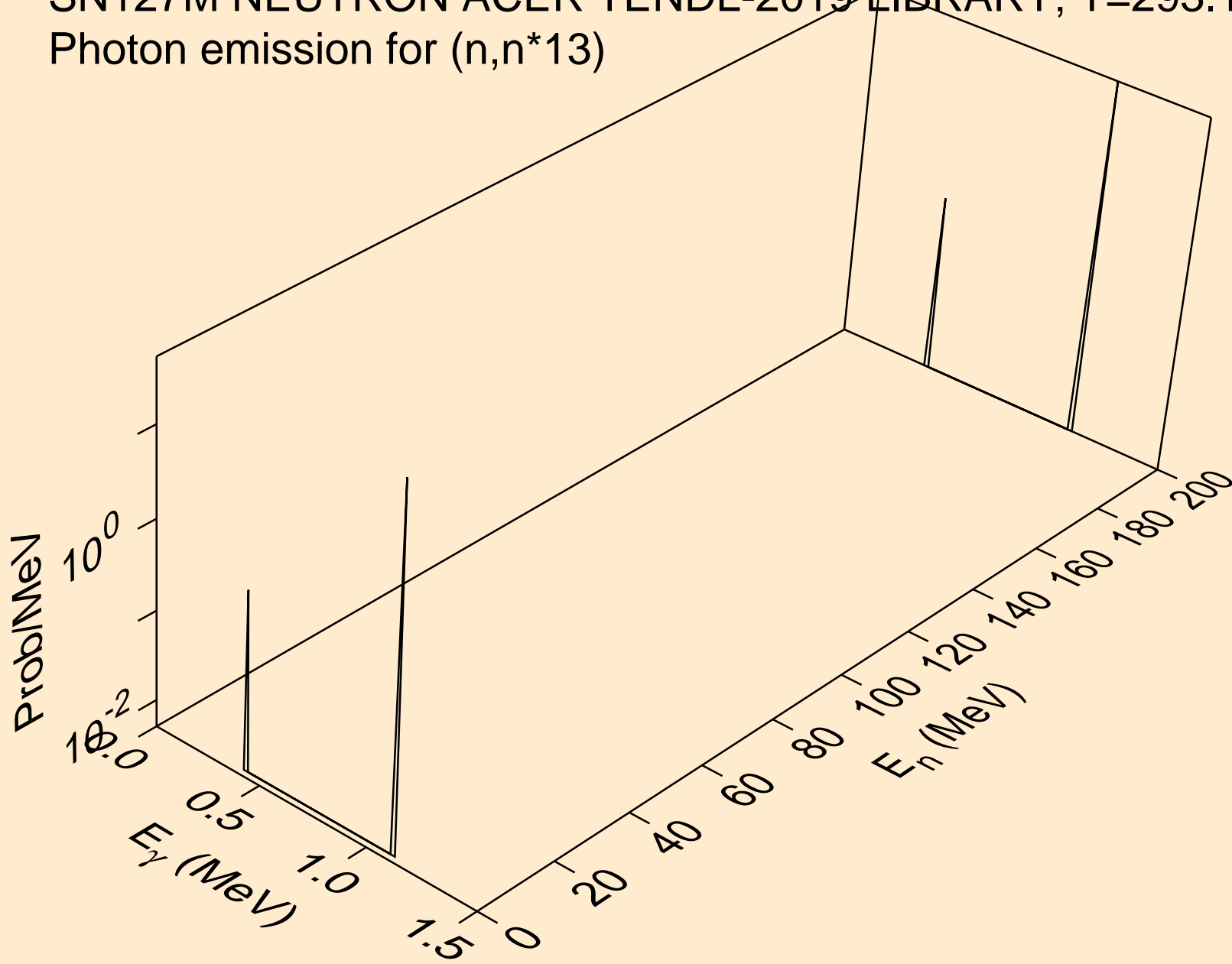


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*12)

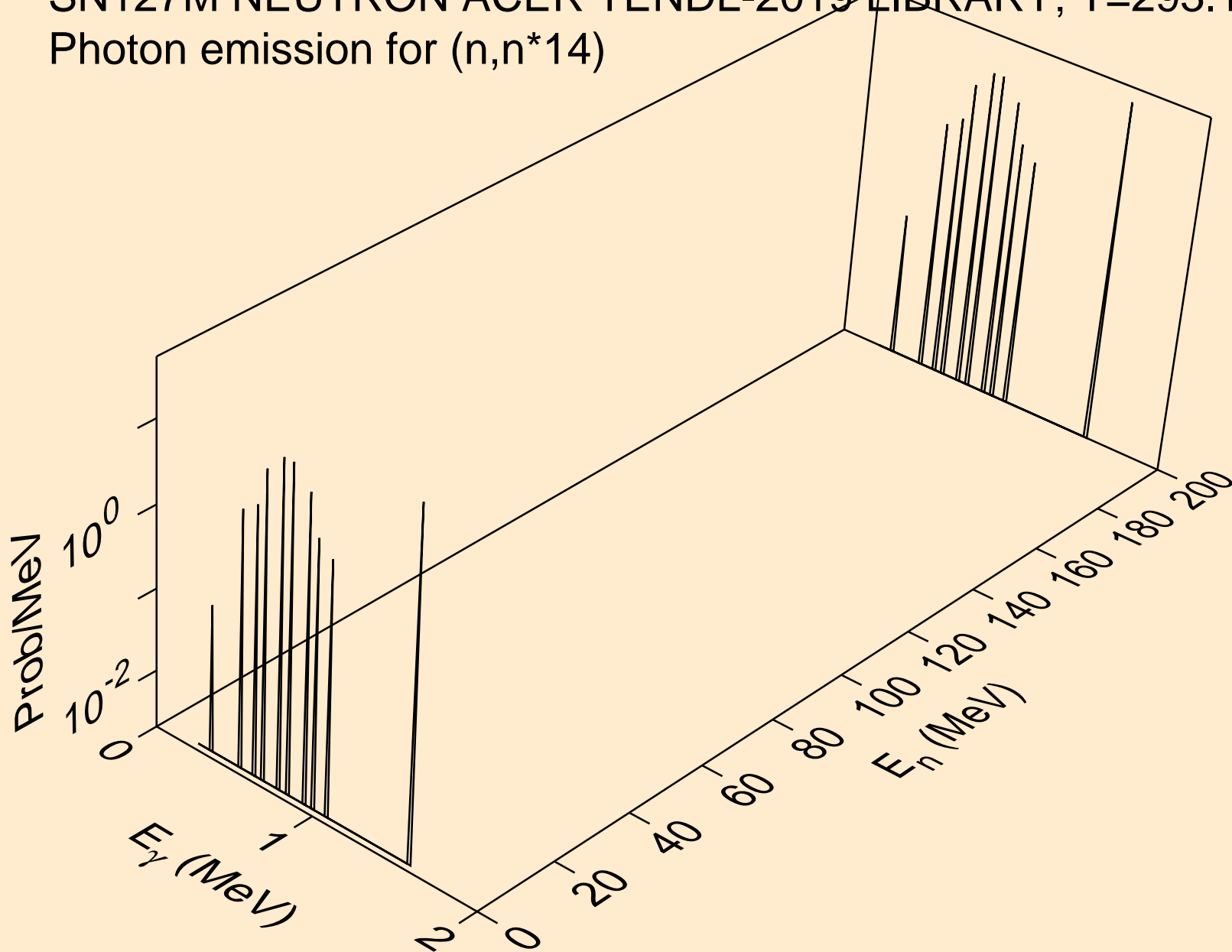




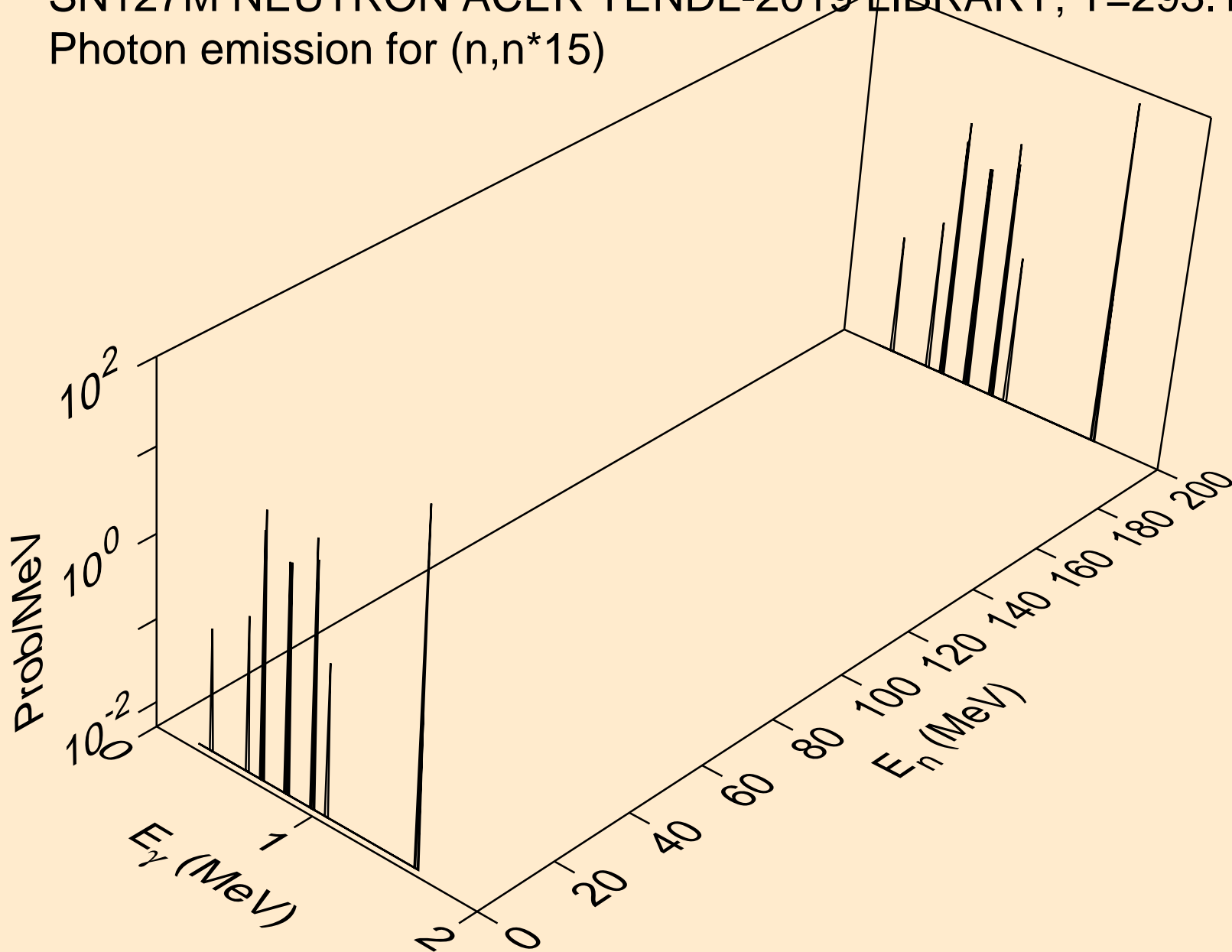
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*13)



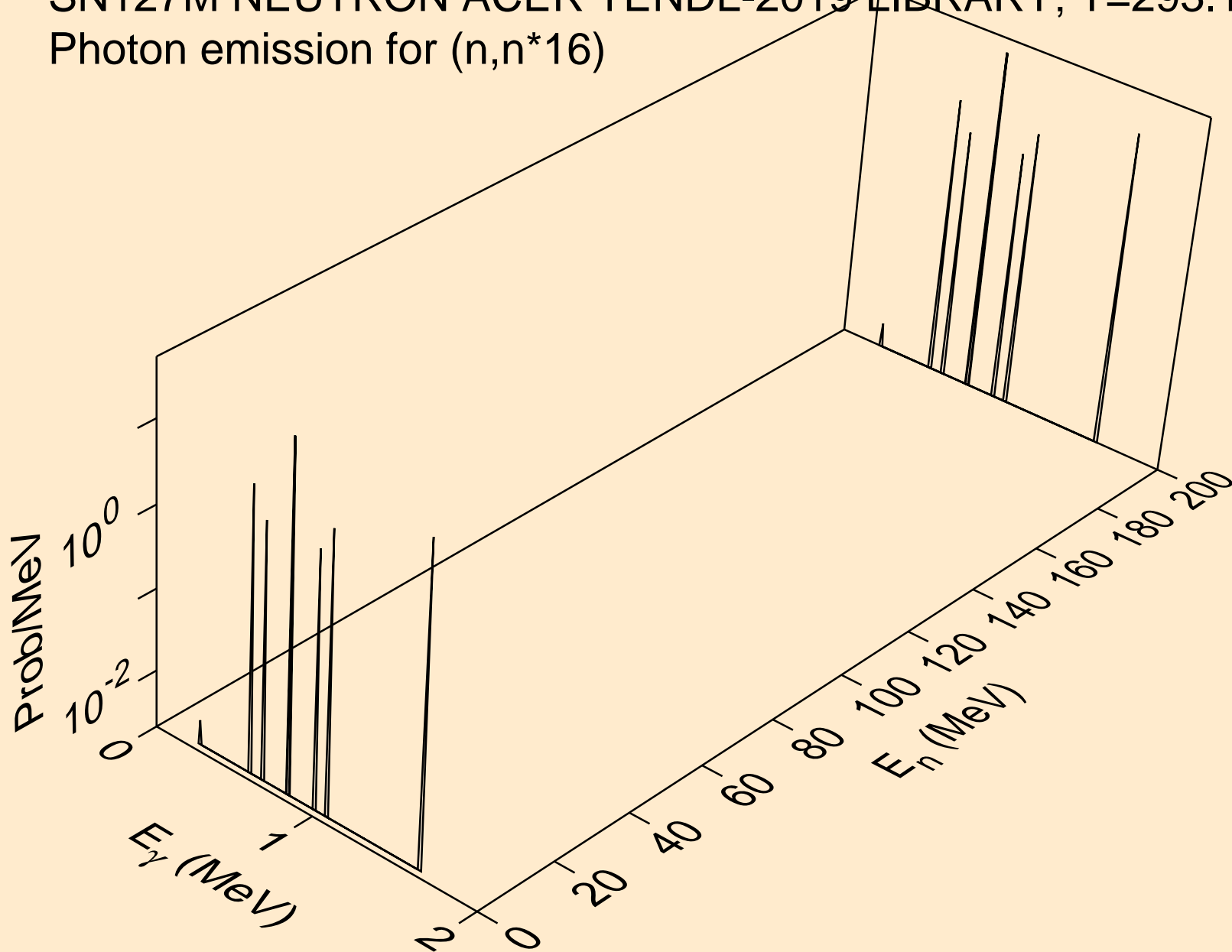
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*14)



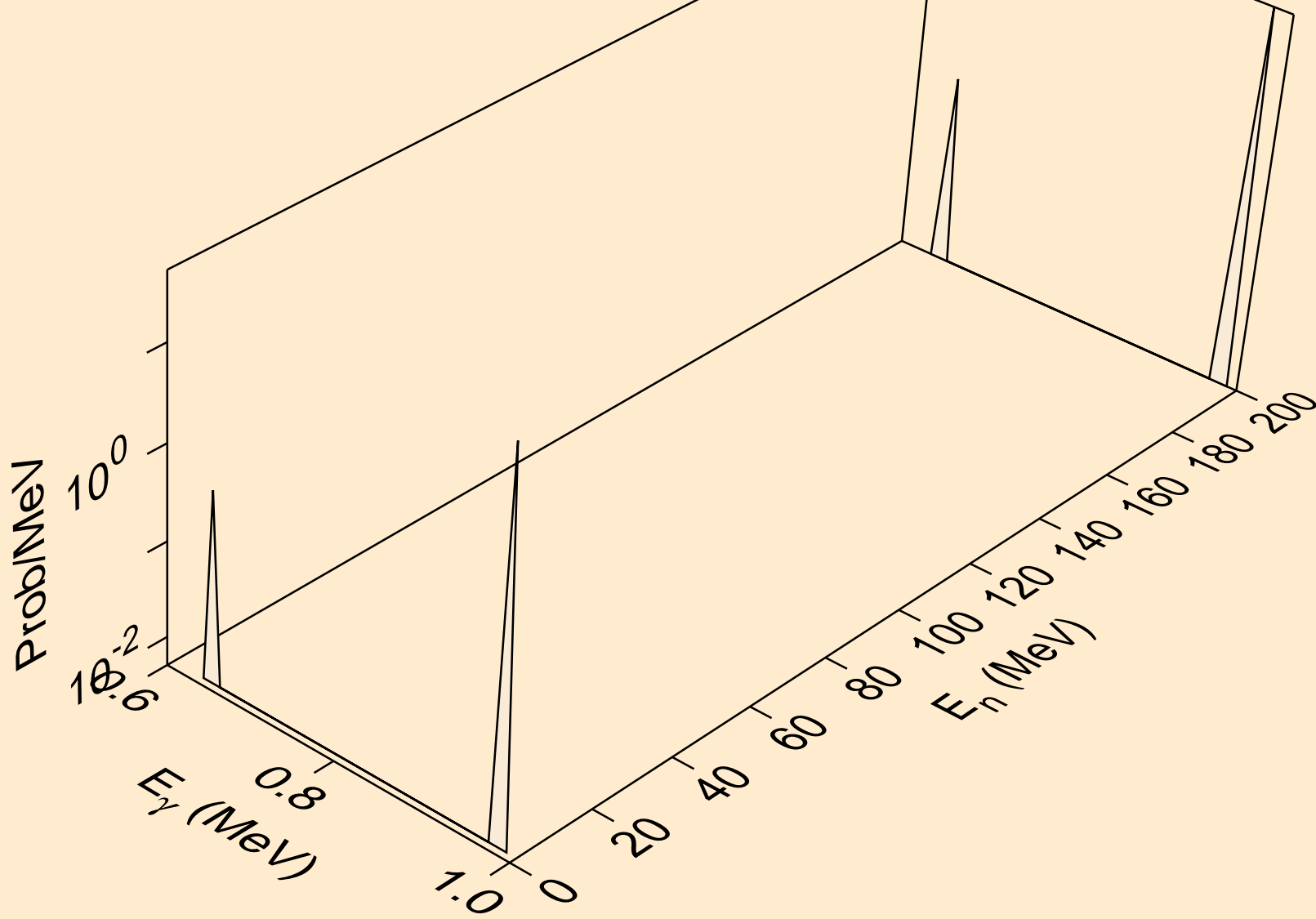
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*15)



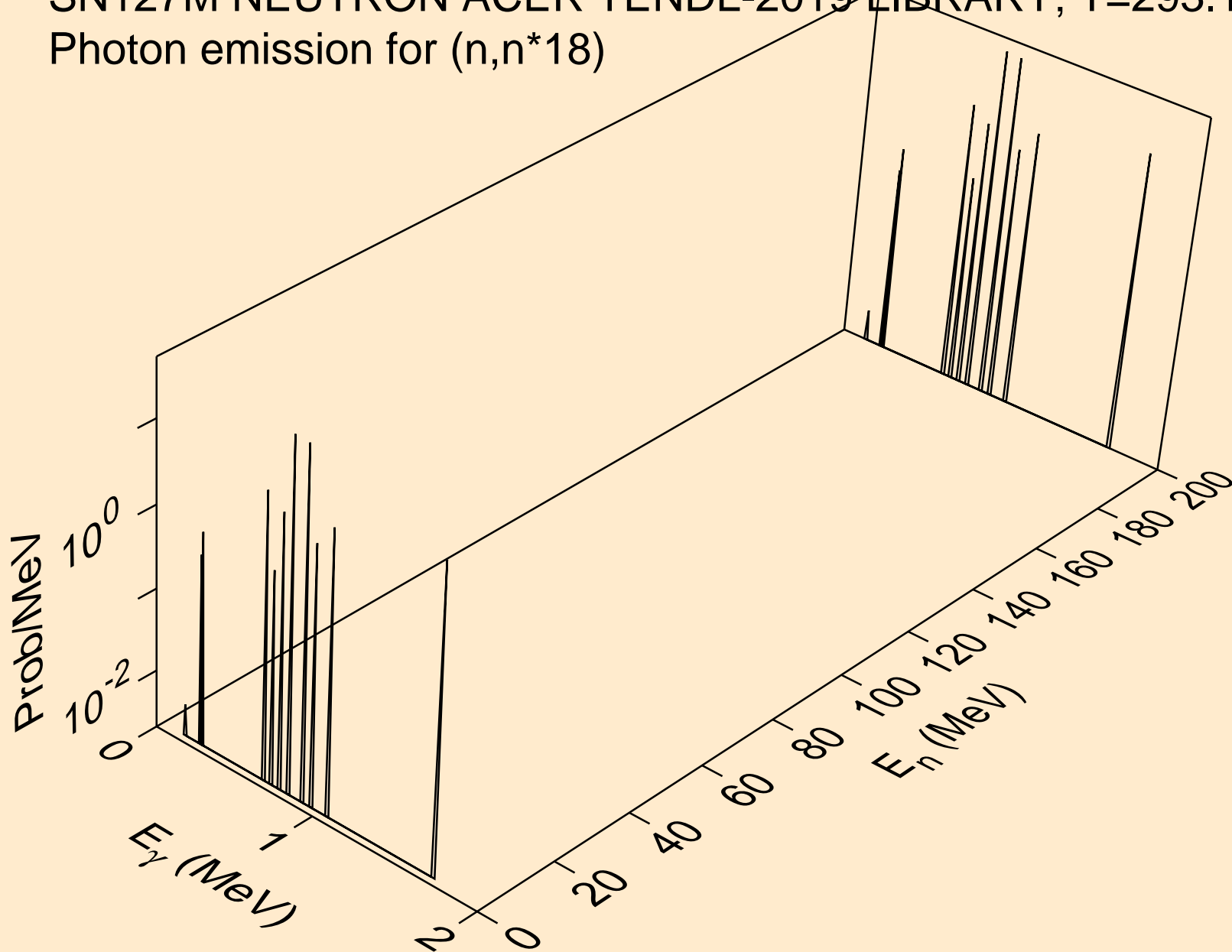
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*16)



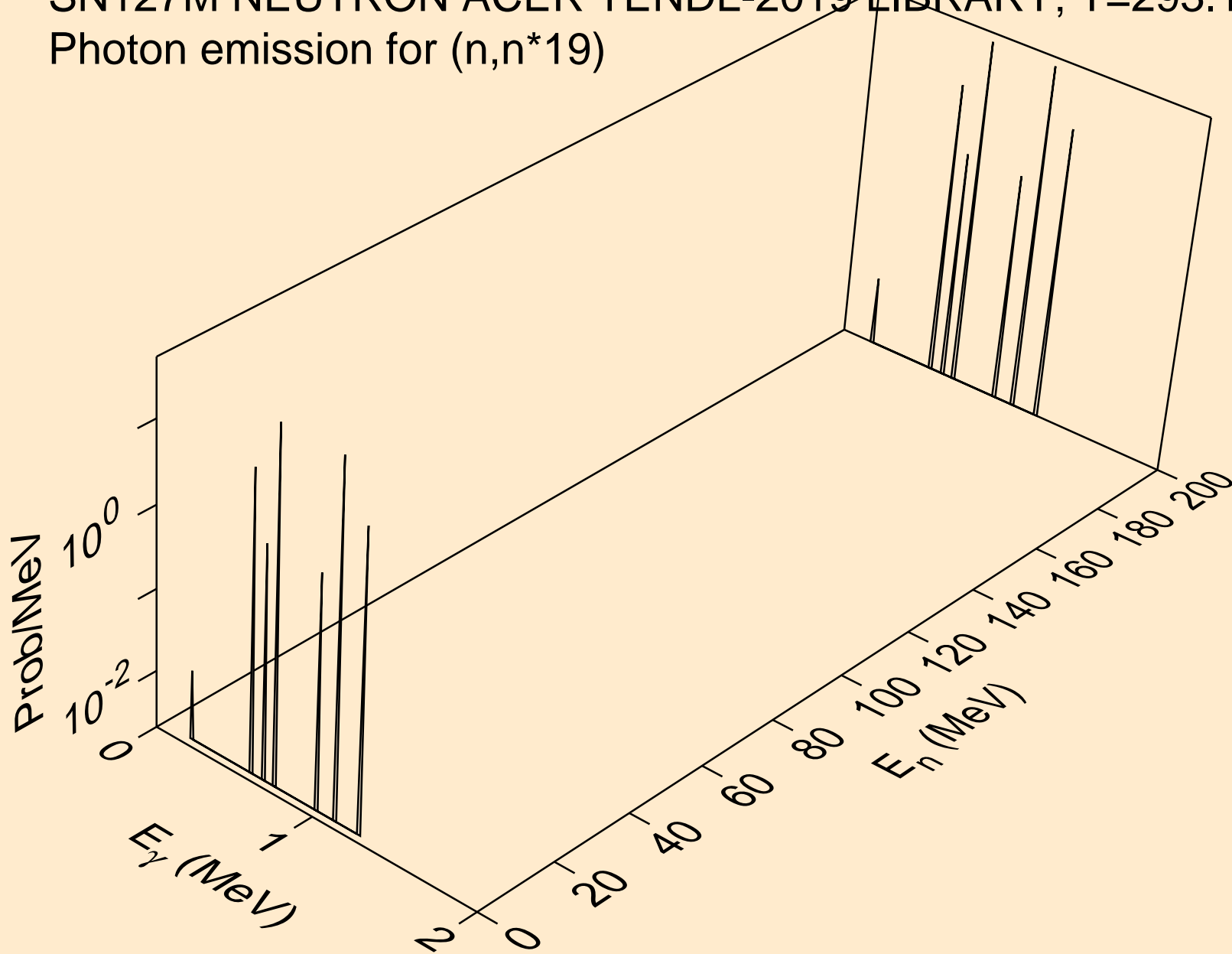
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*17)



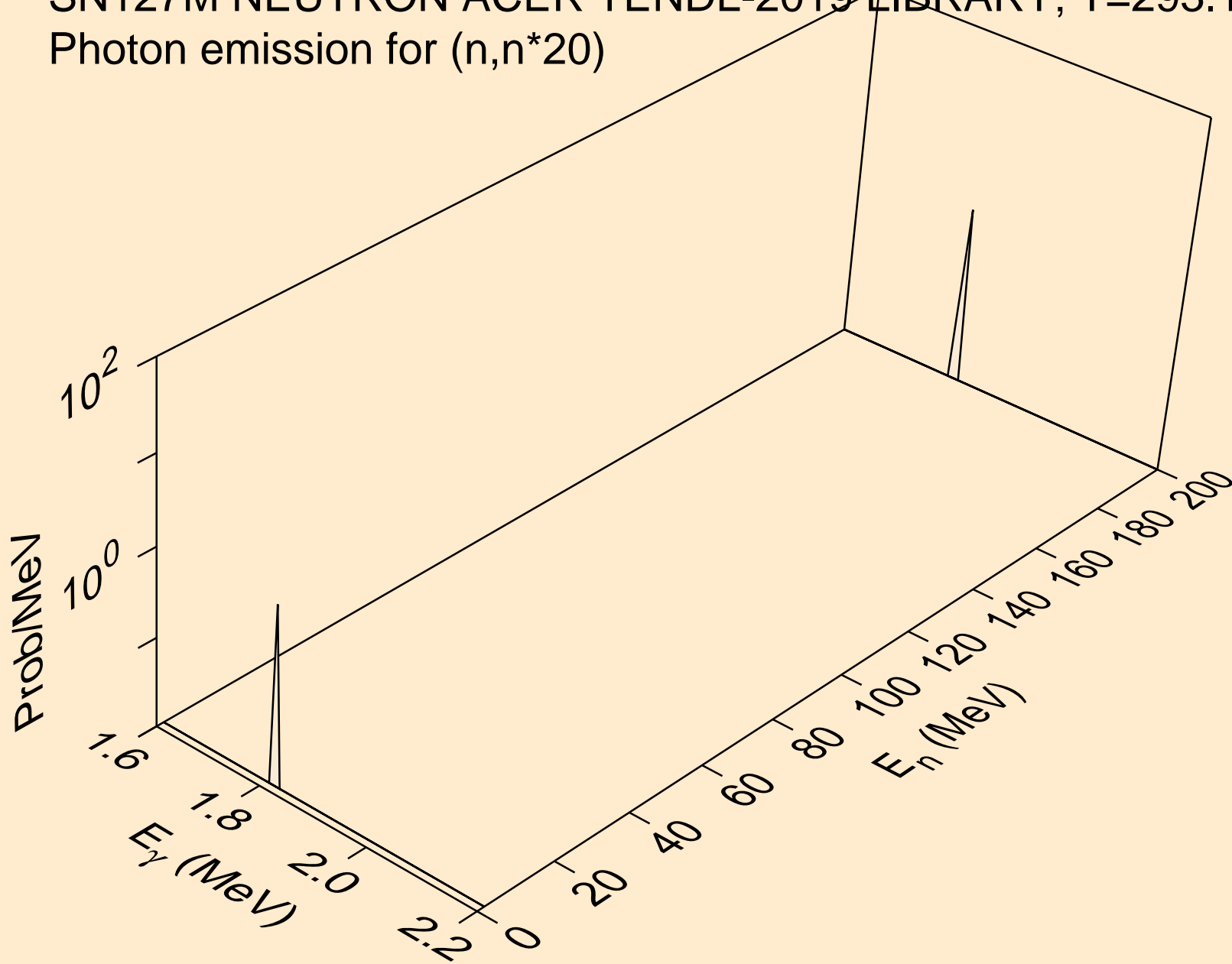
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*18)



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*19)

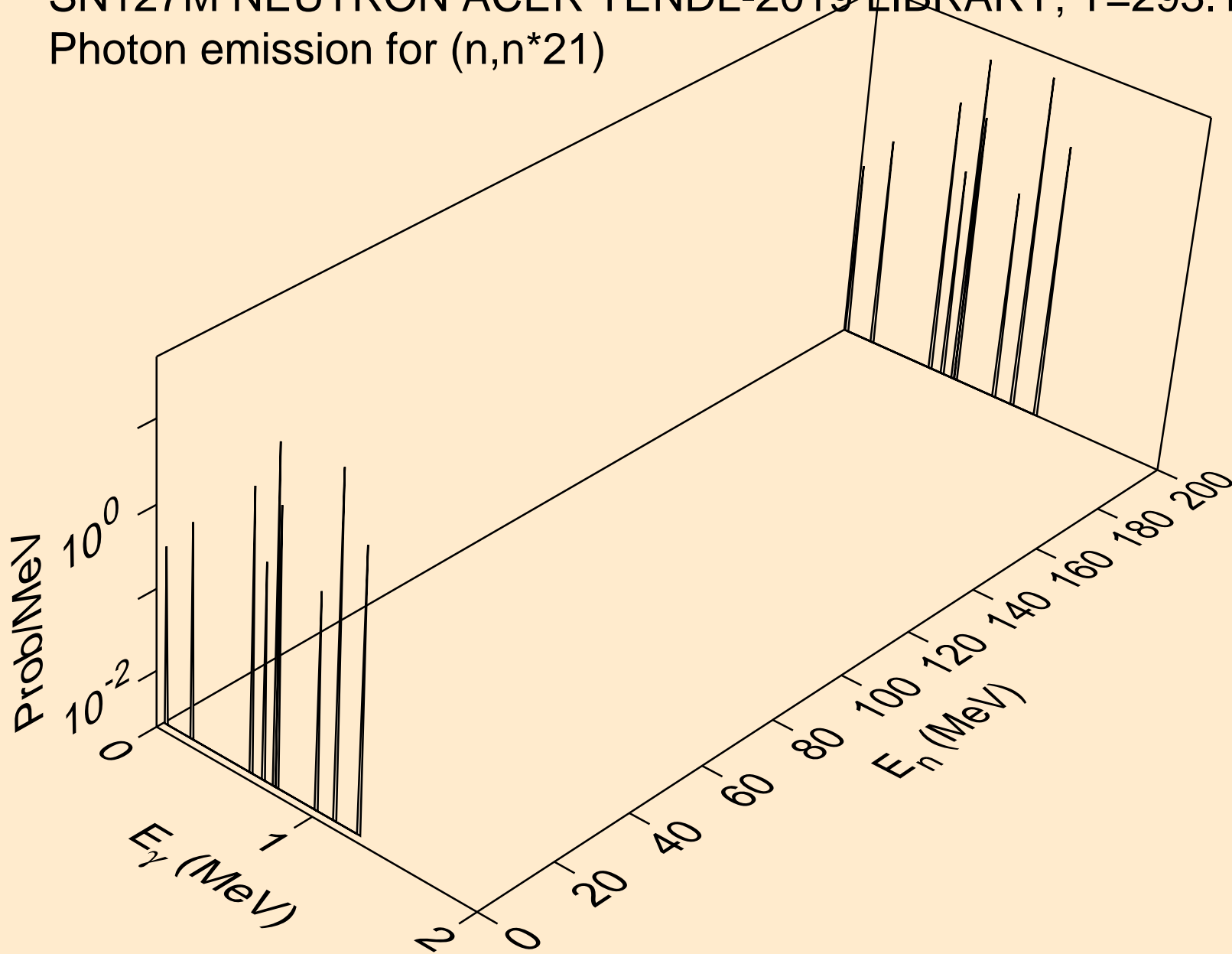


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*20)

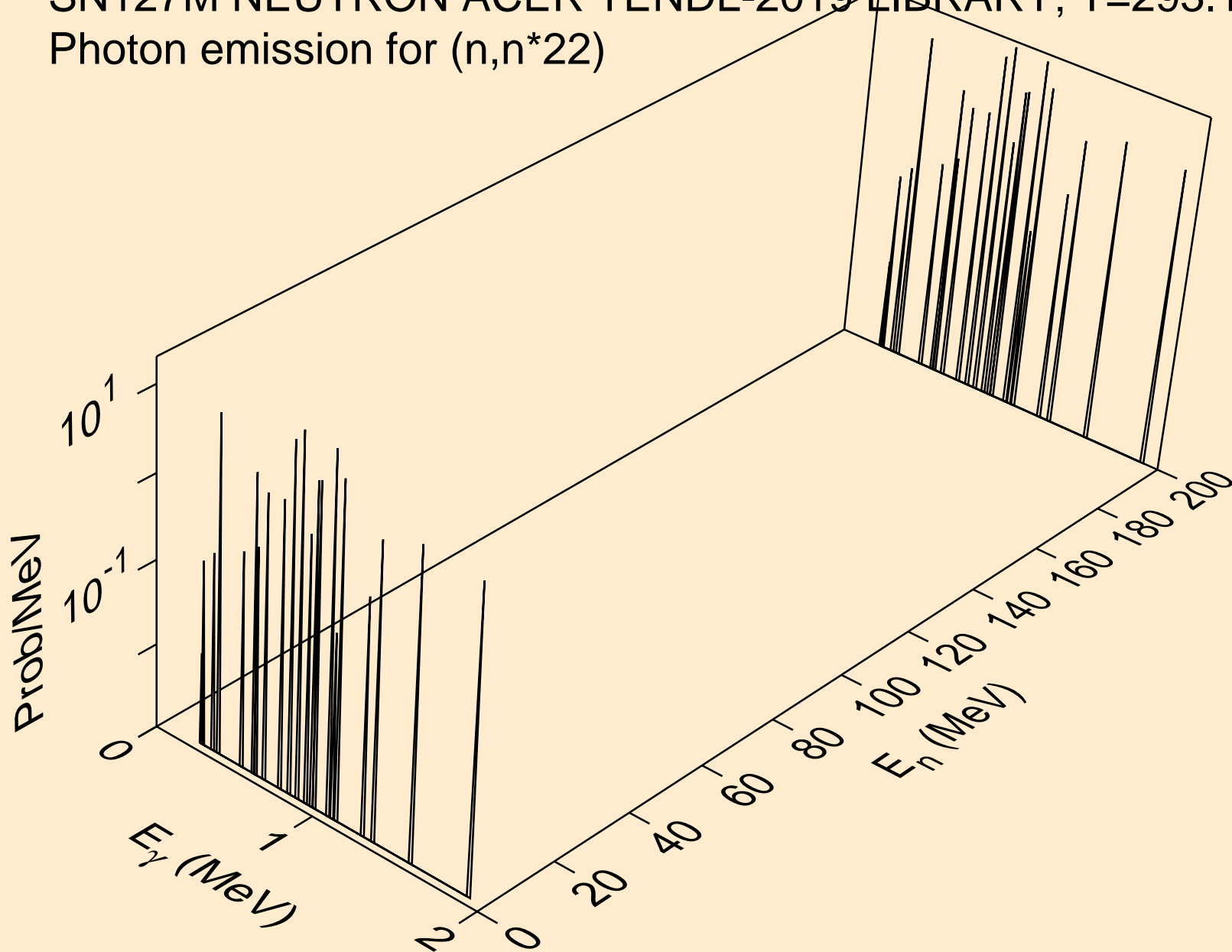




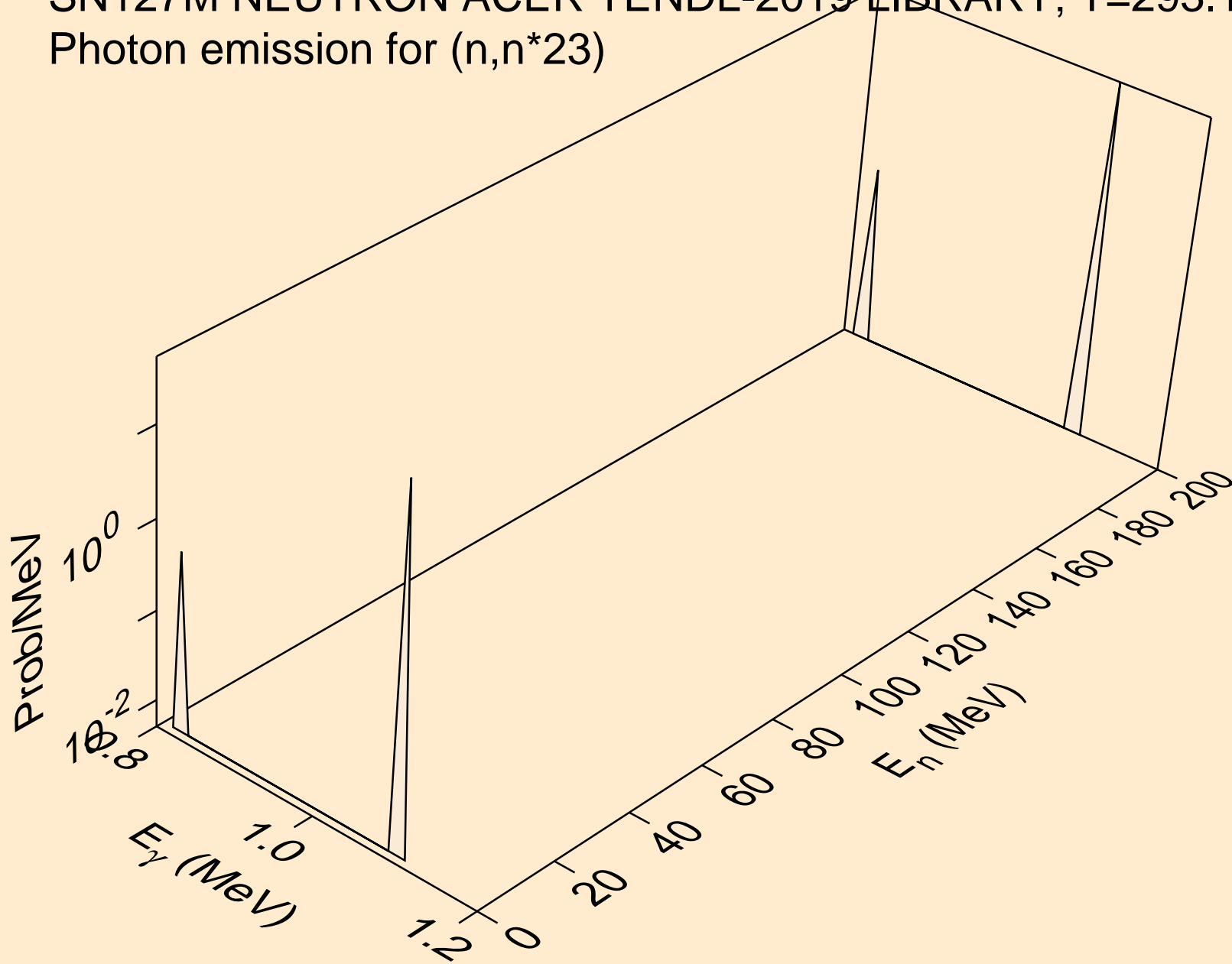
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*21)



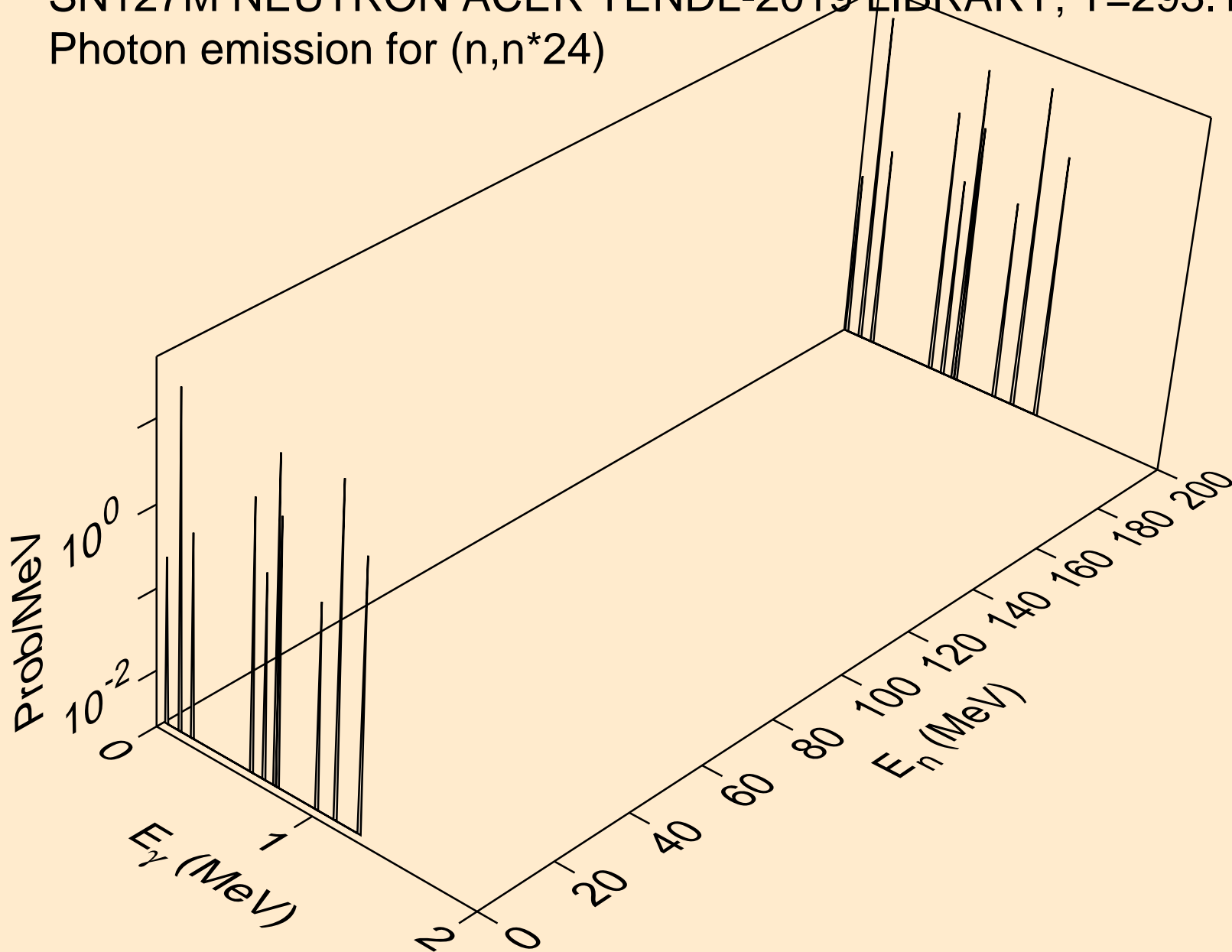
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*22)



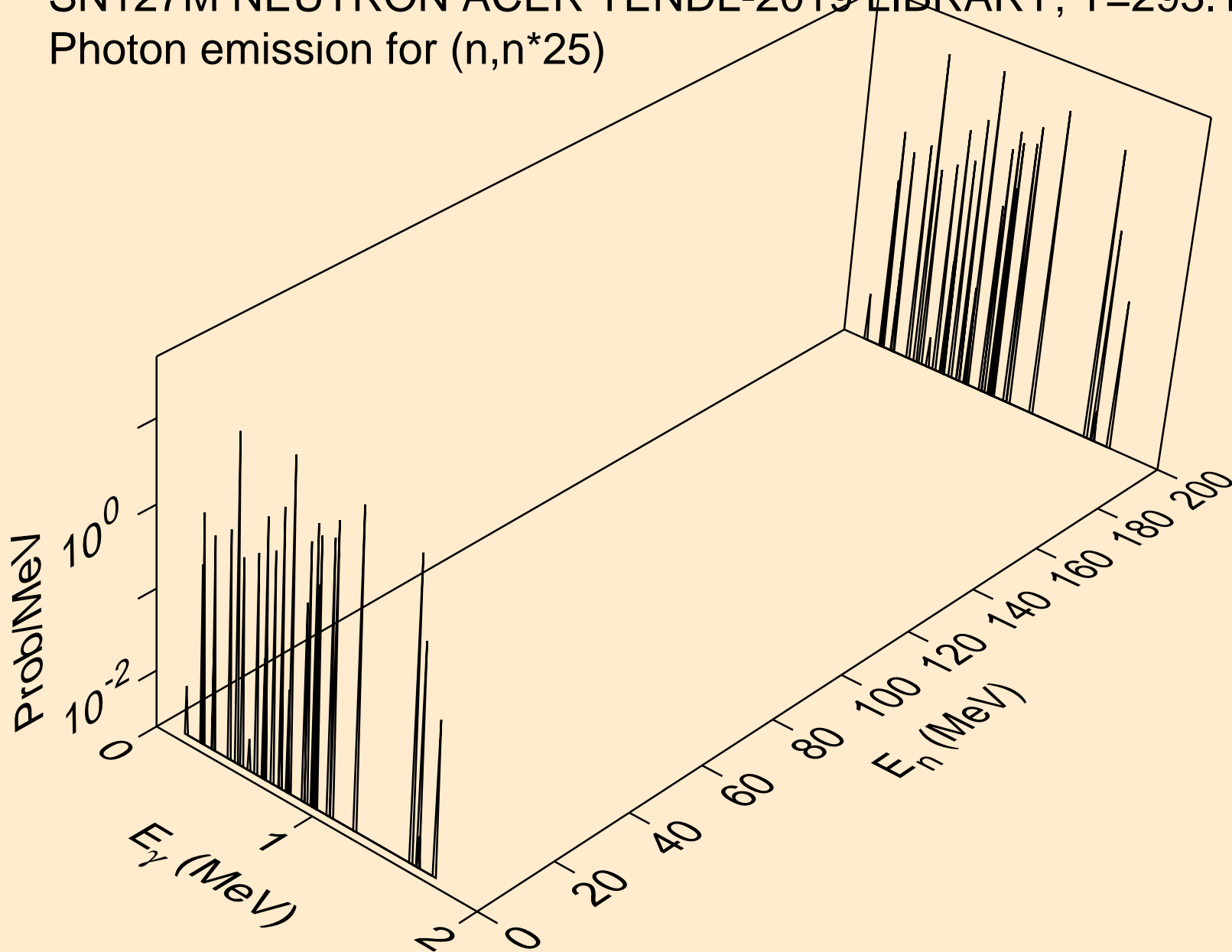
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*23)



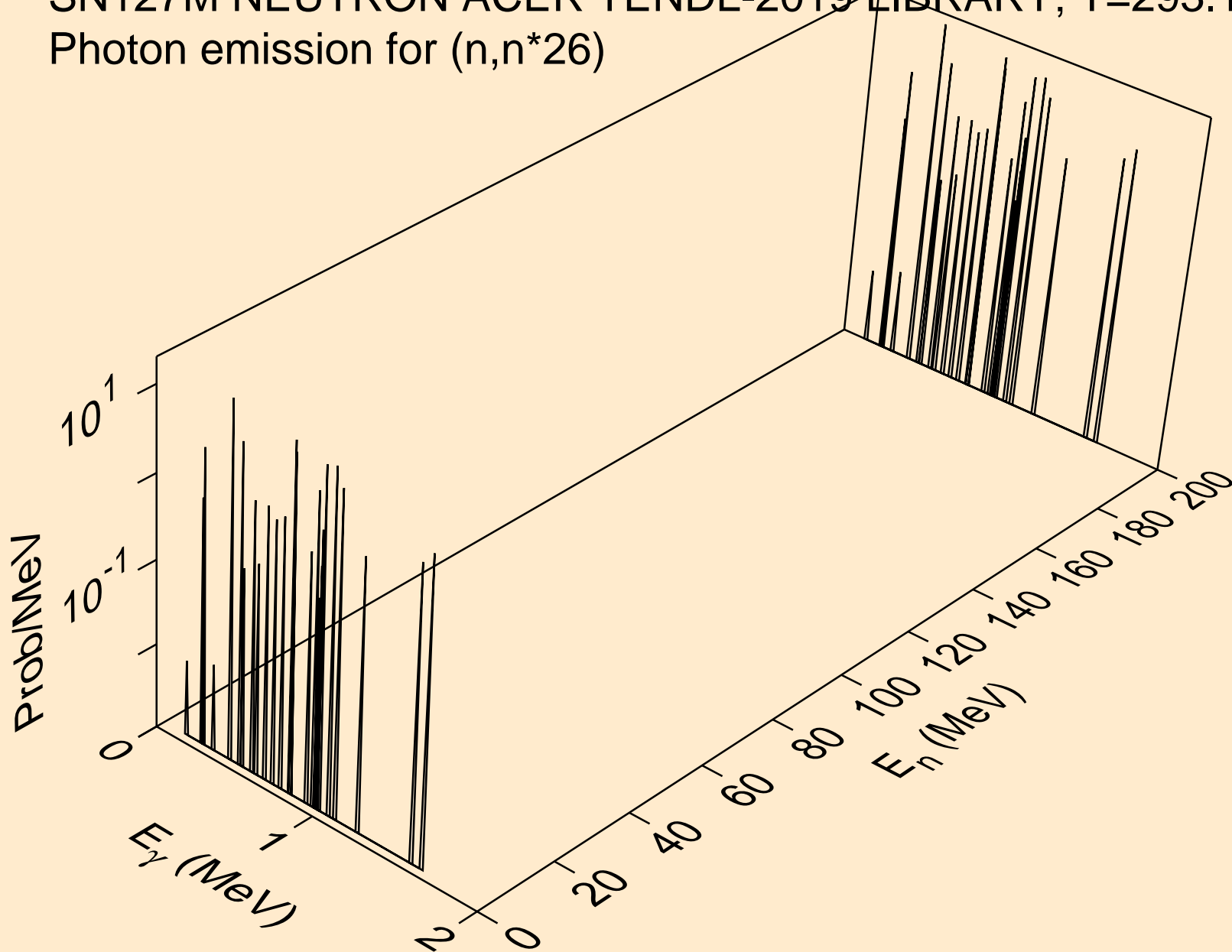
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*24)



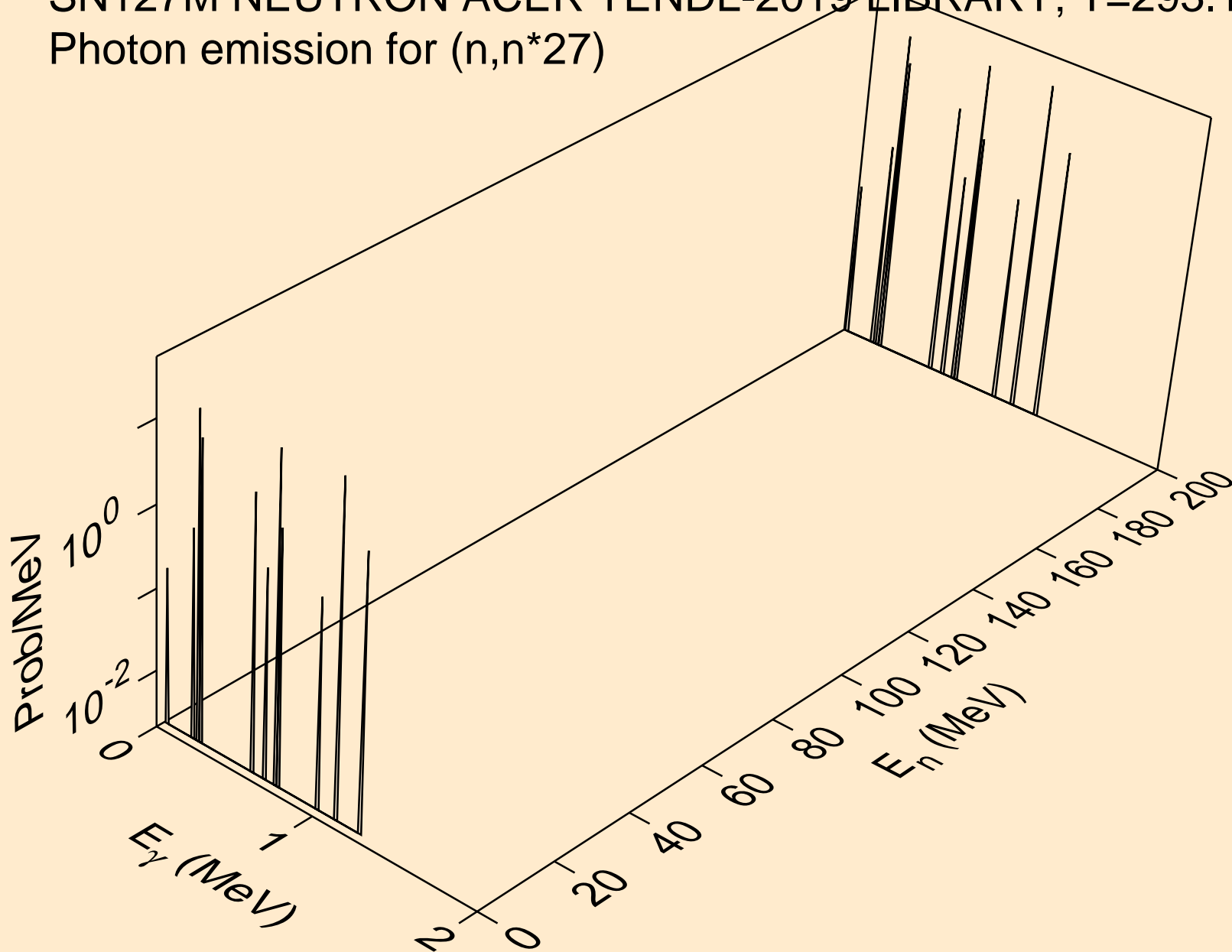
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*25)



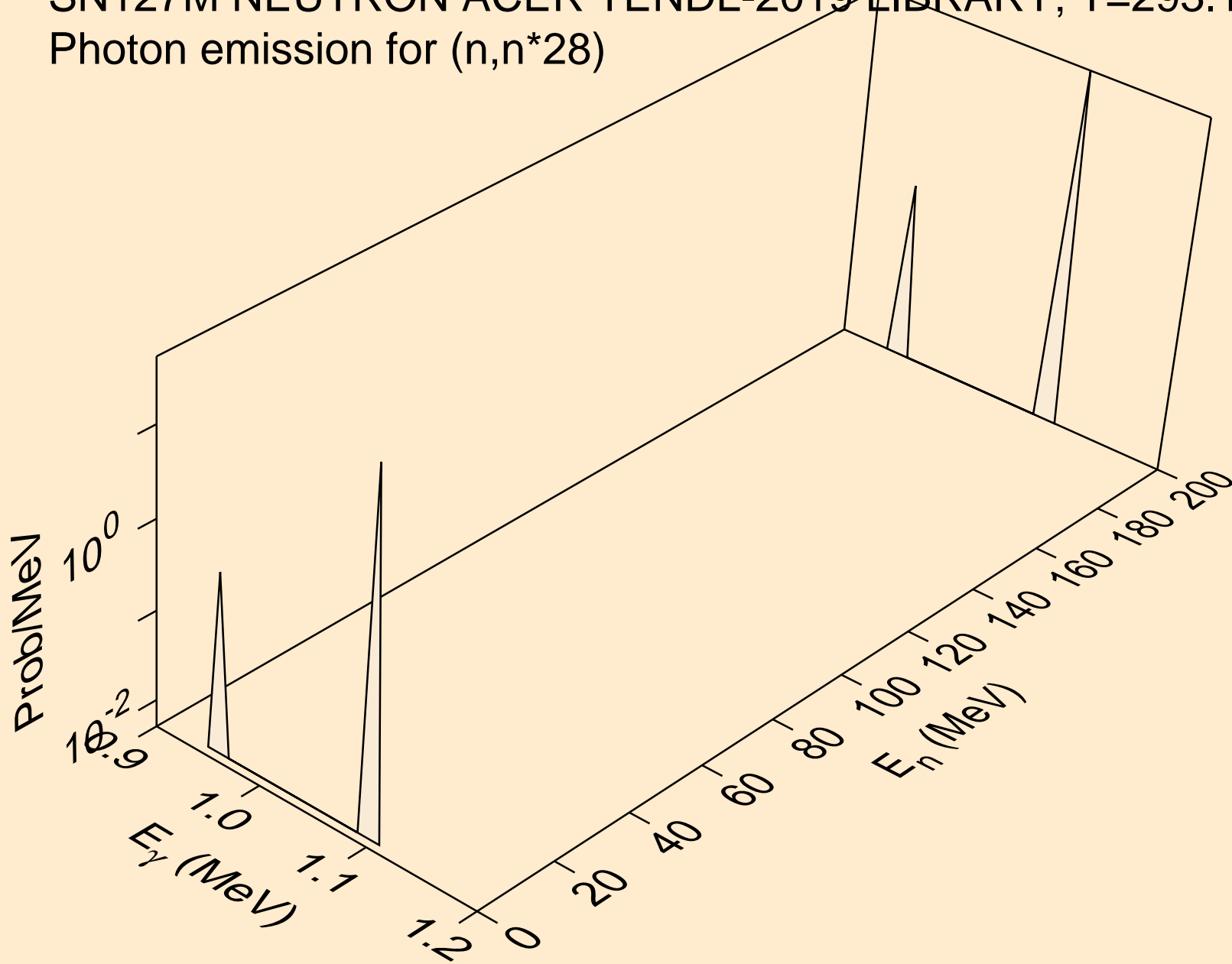
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*26)



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*27)

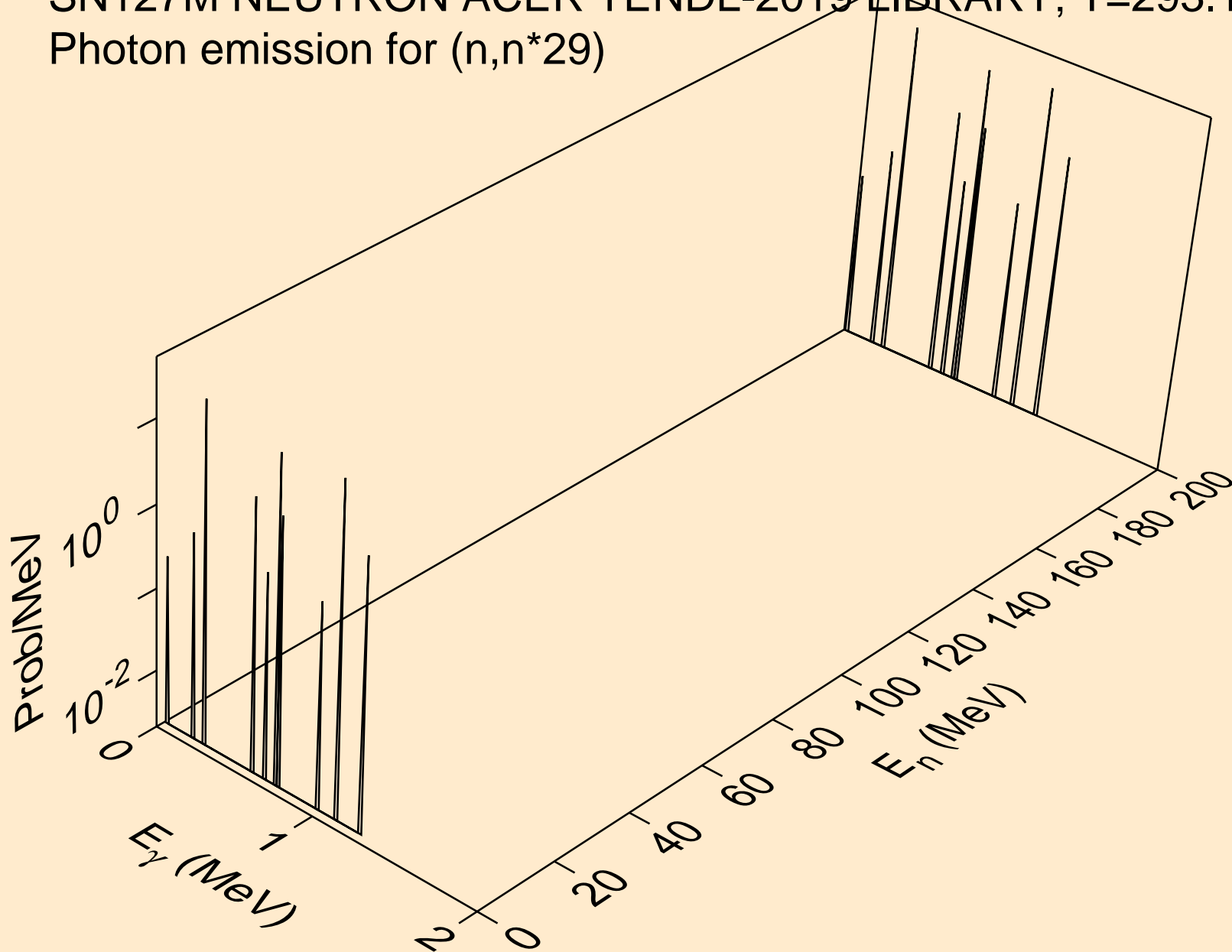


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*28)

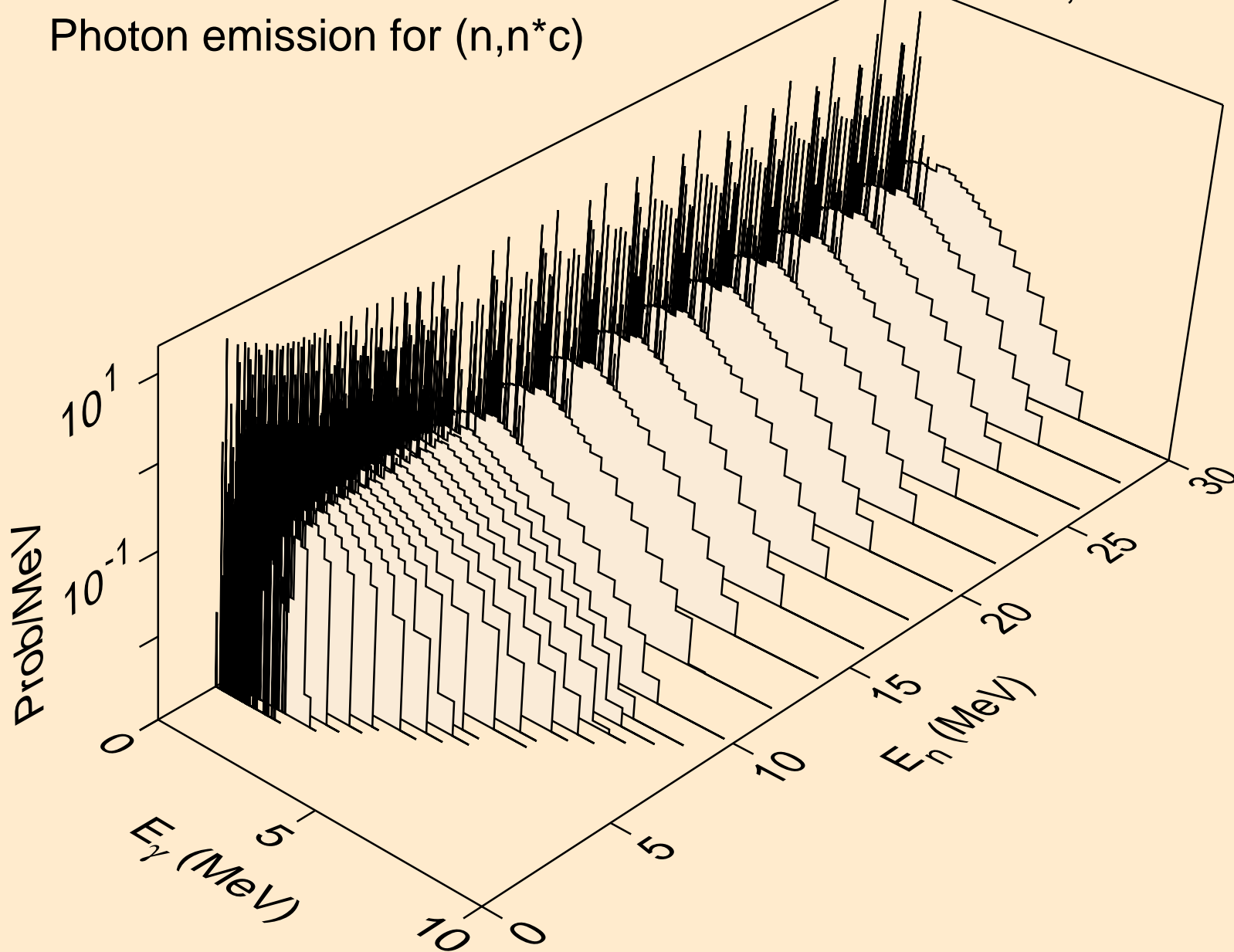




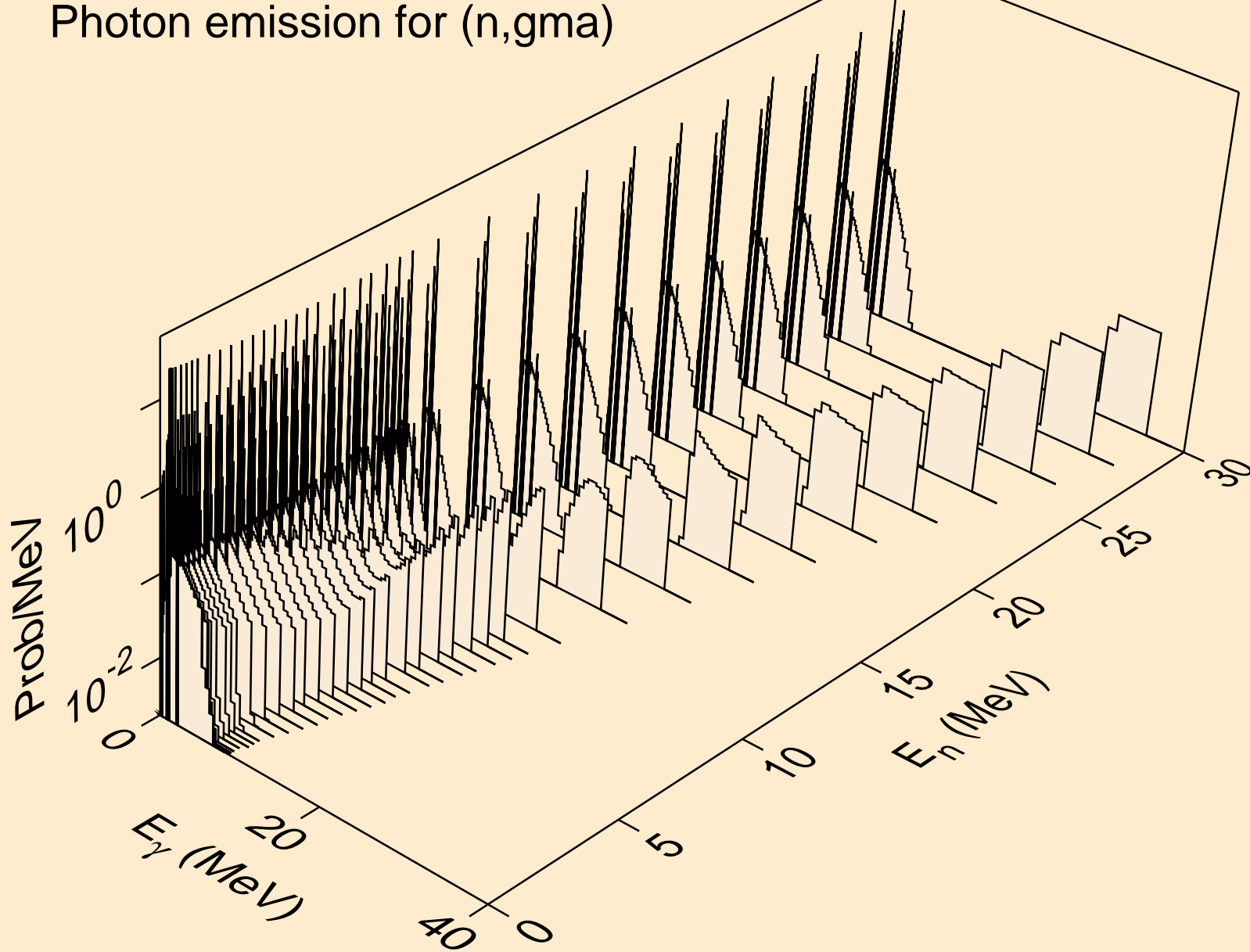
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*29)



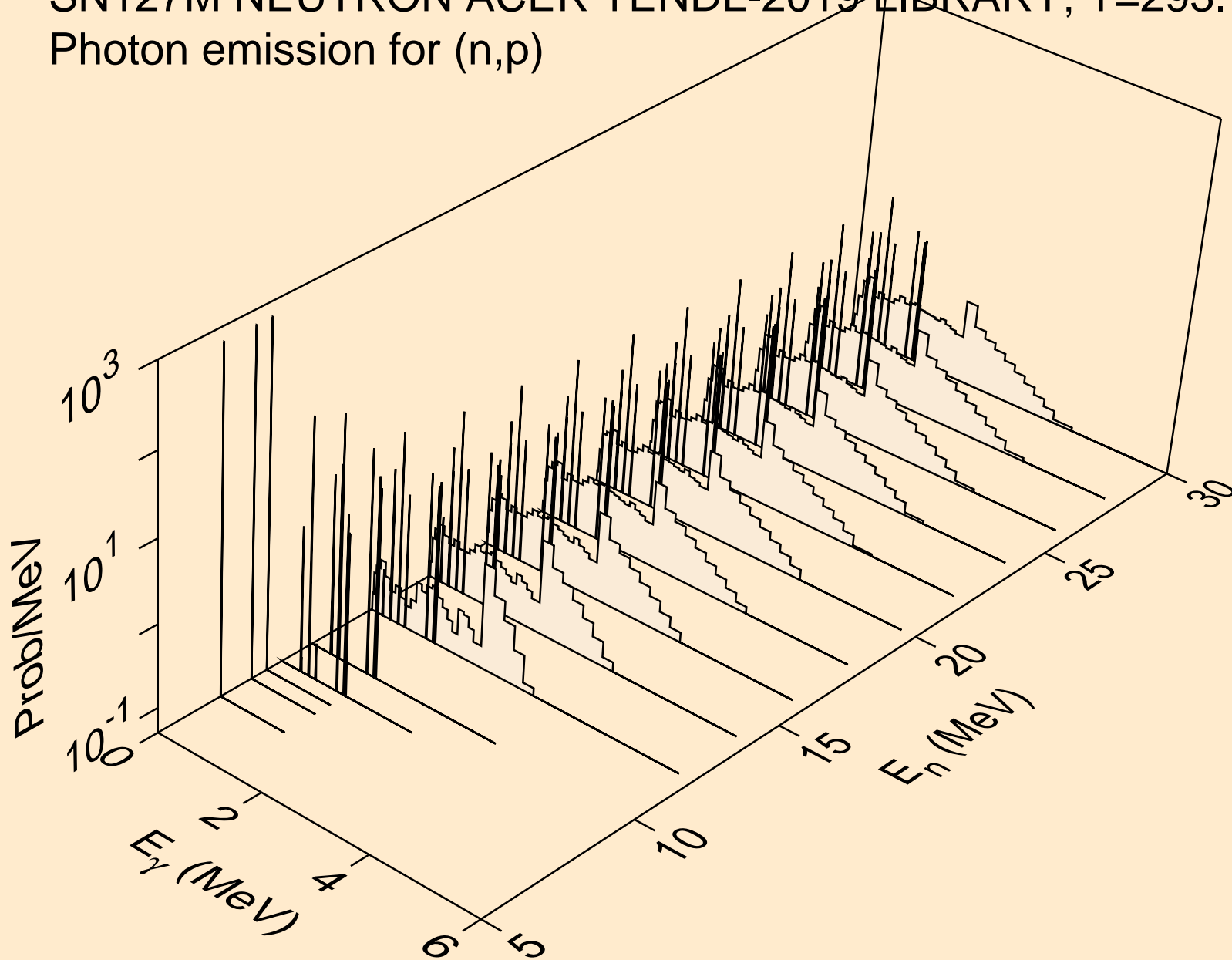
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



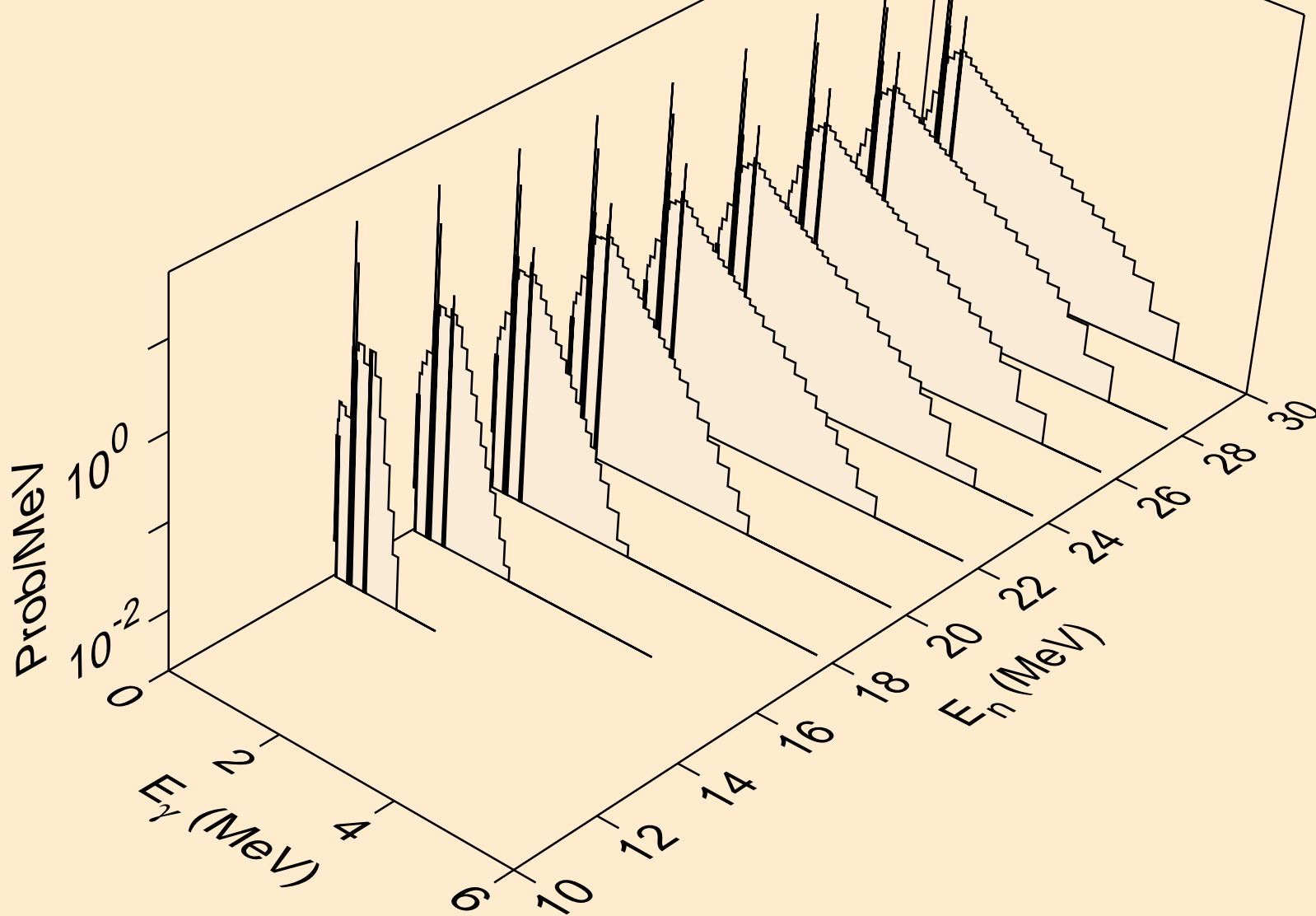
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



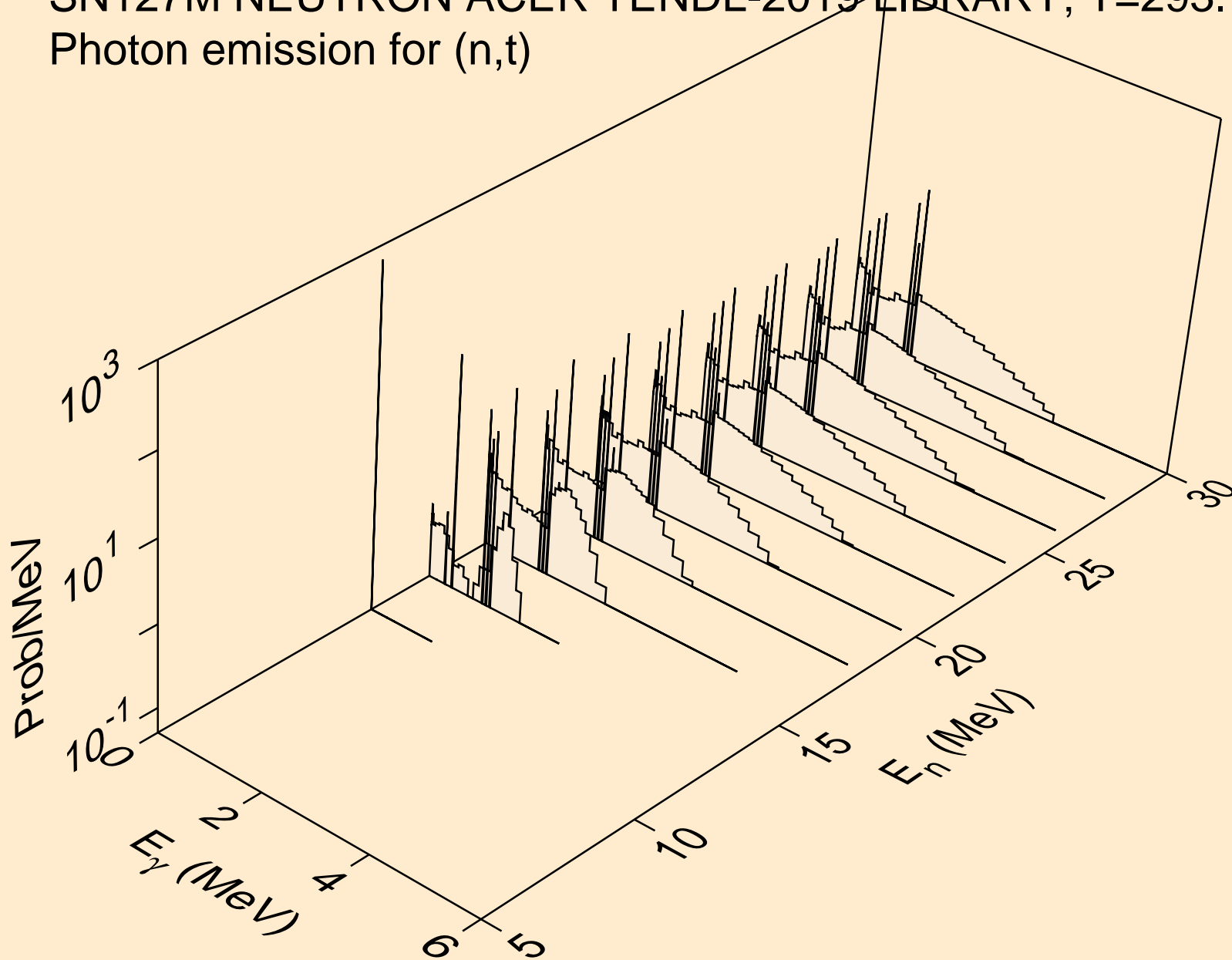
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



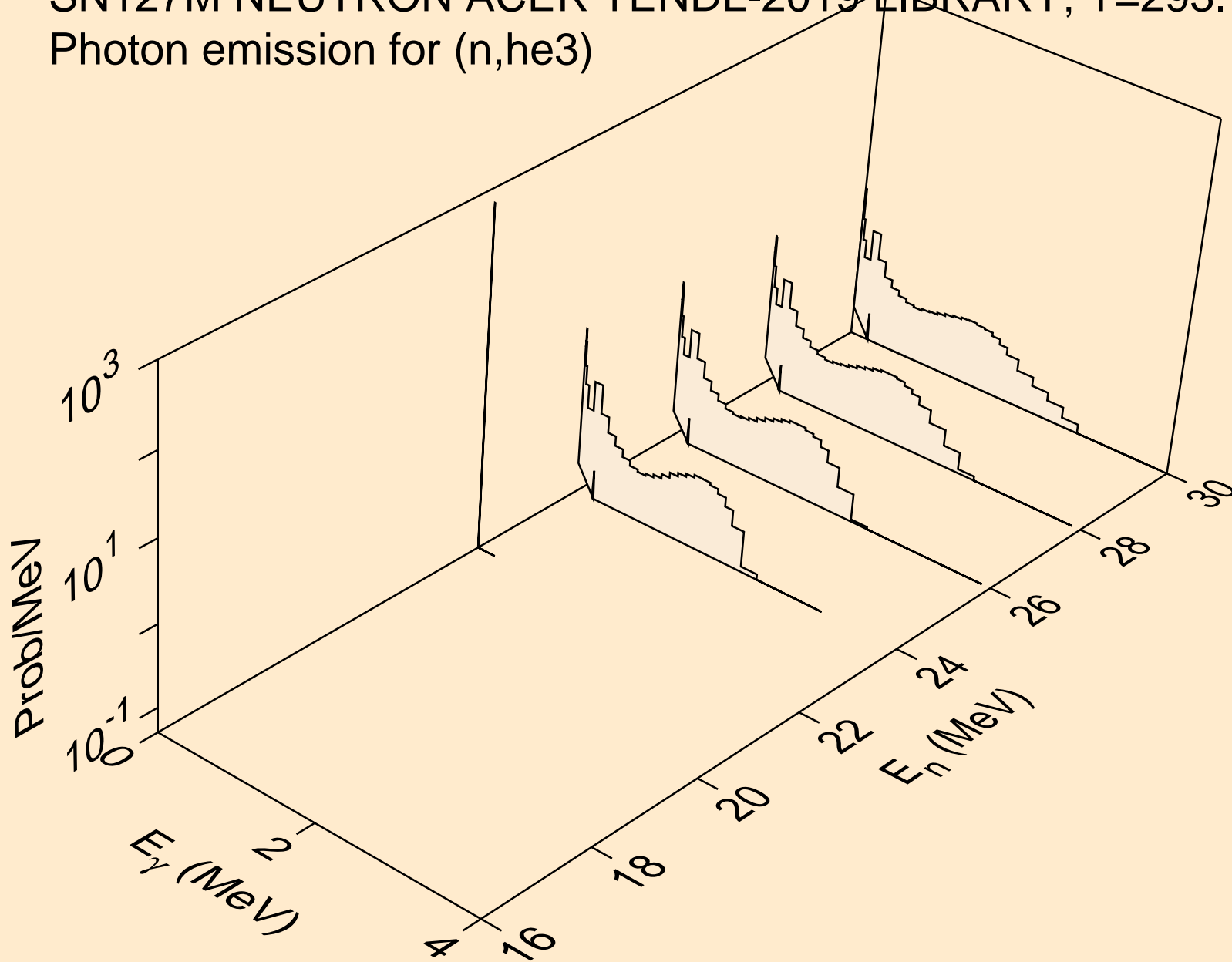
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



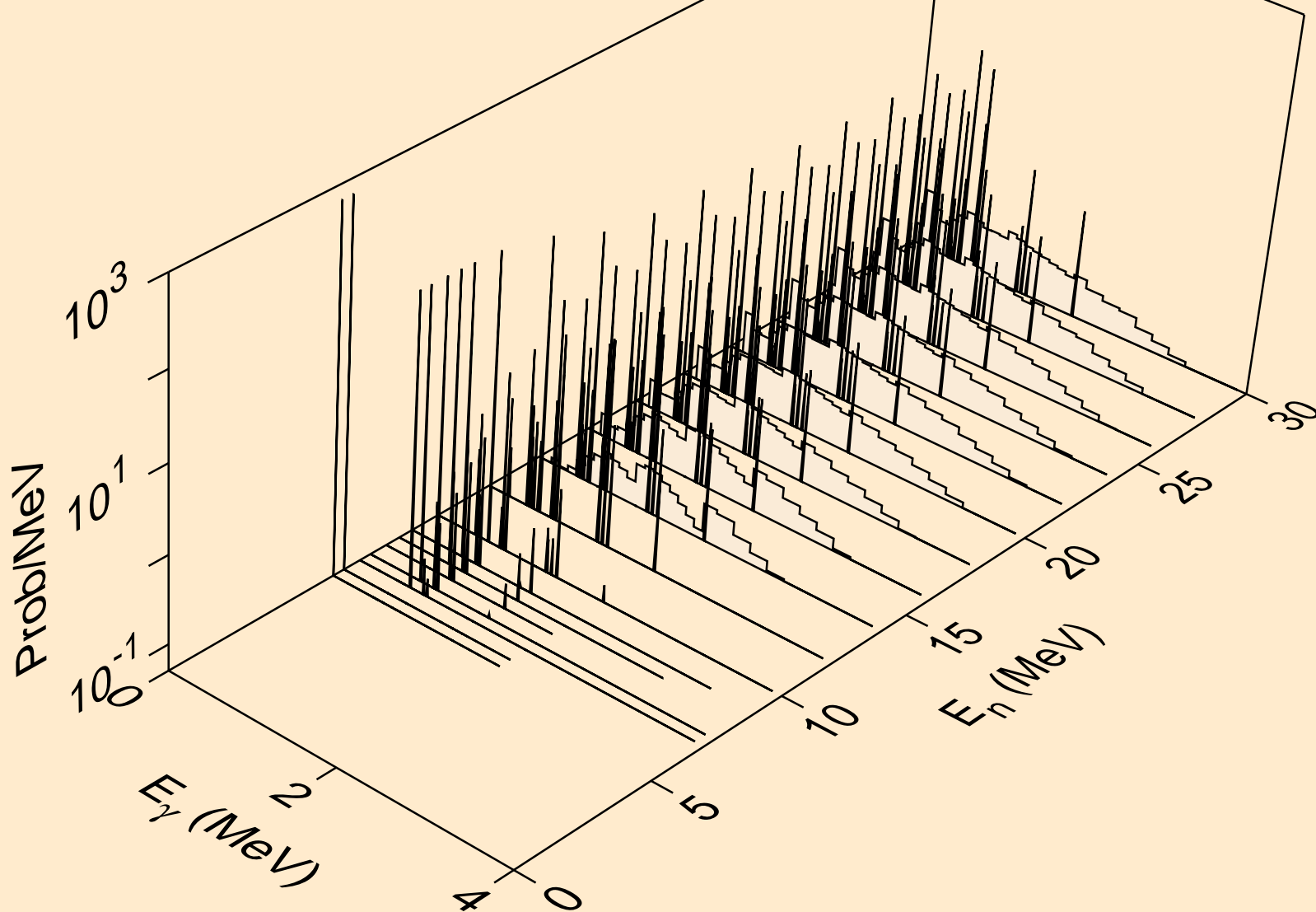
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)

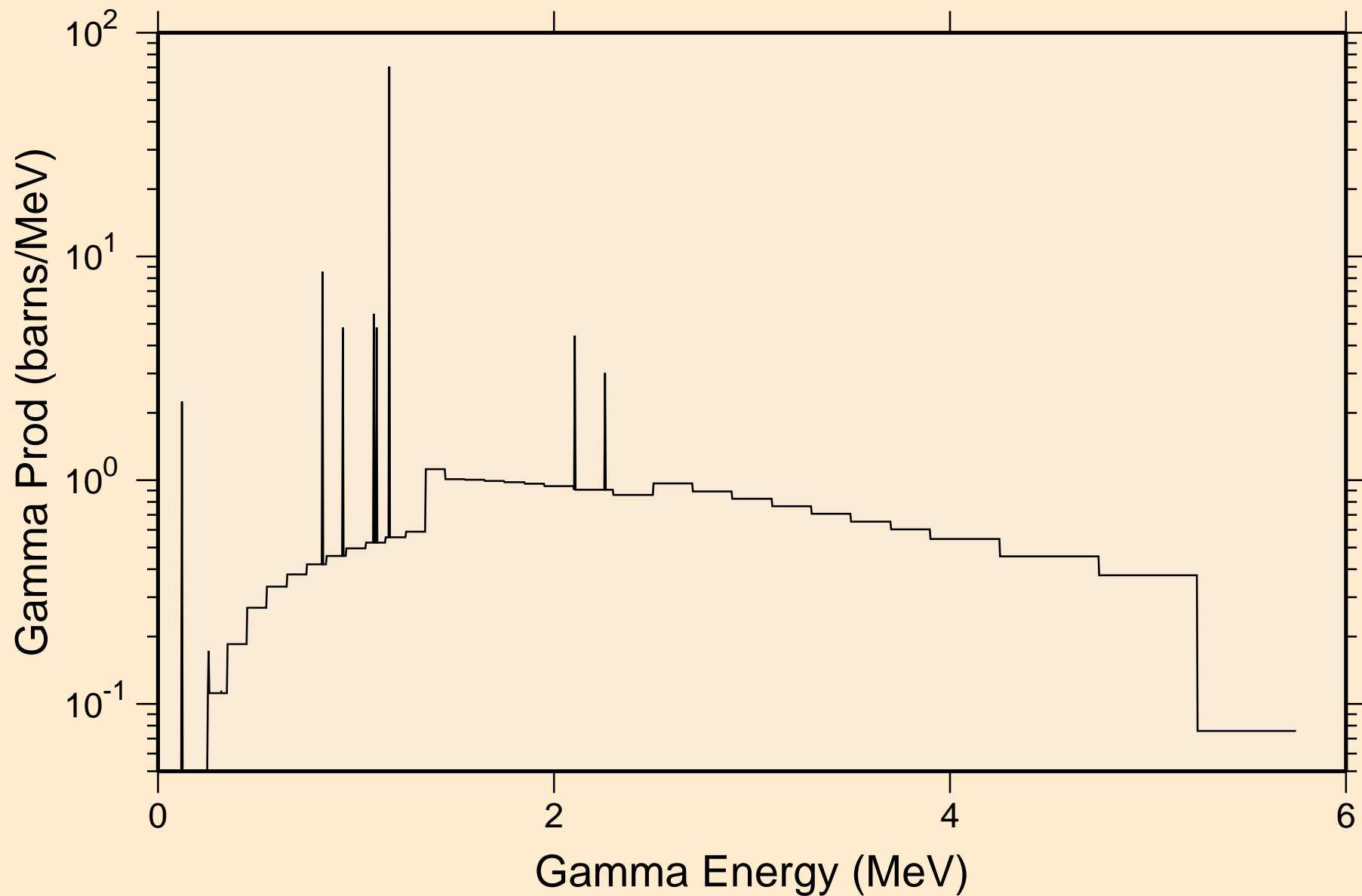


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)

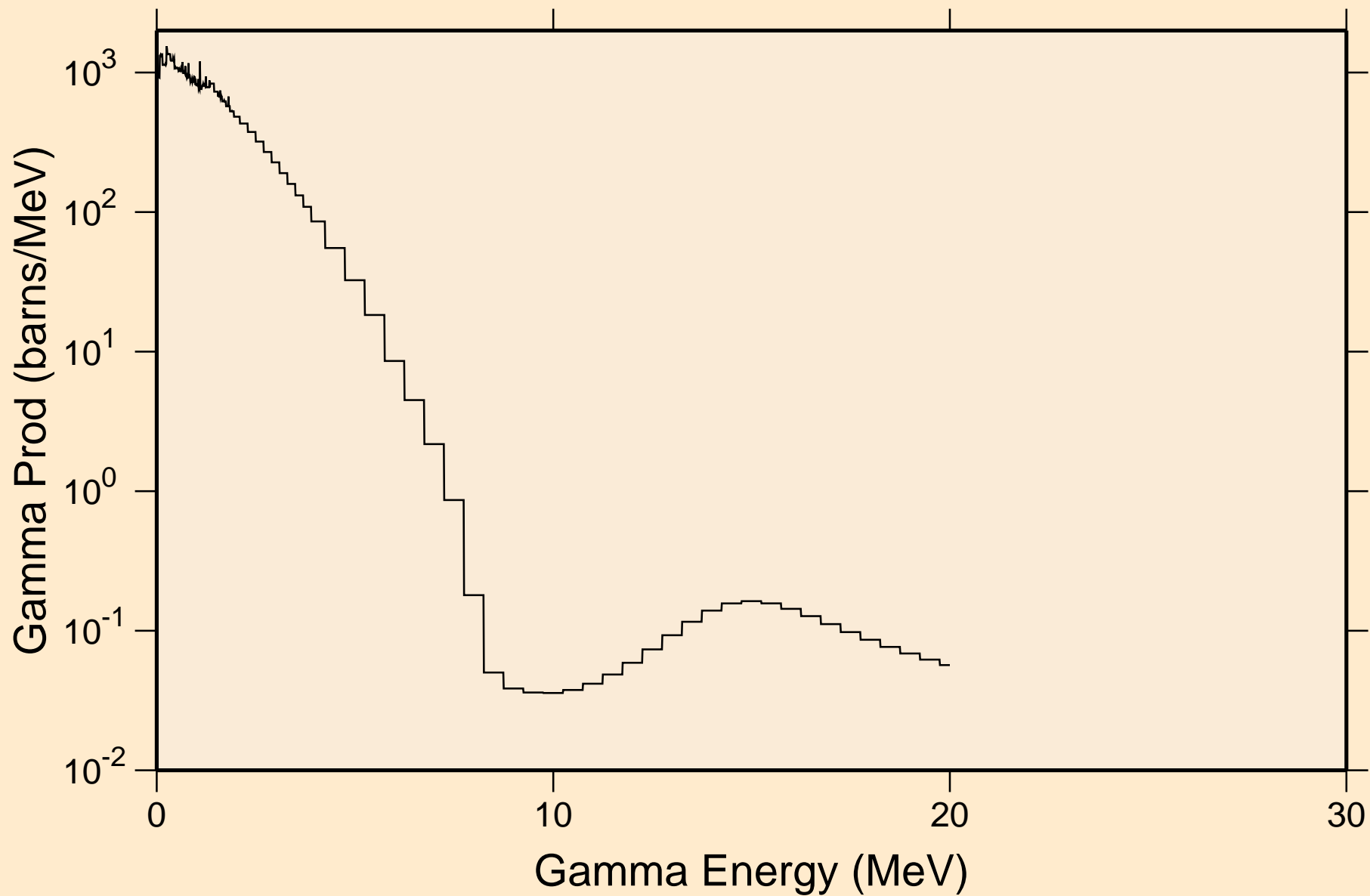




SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

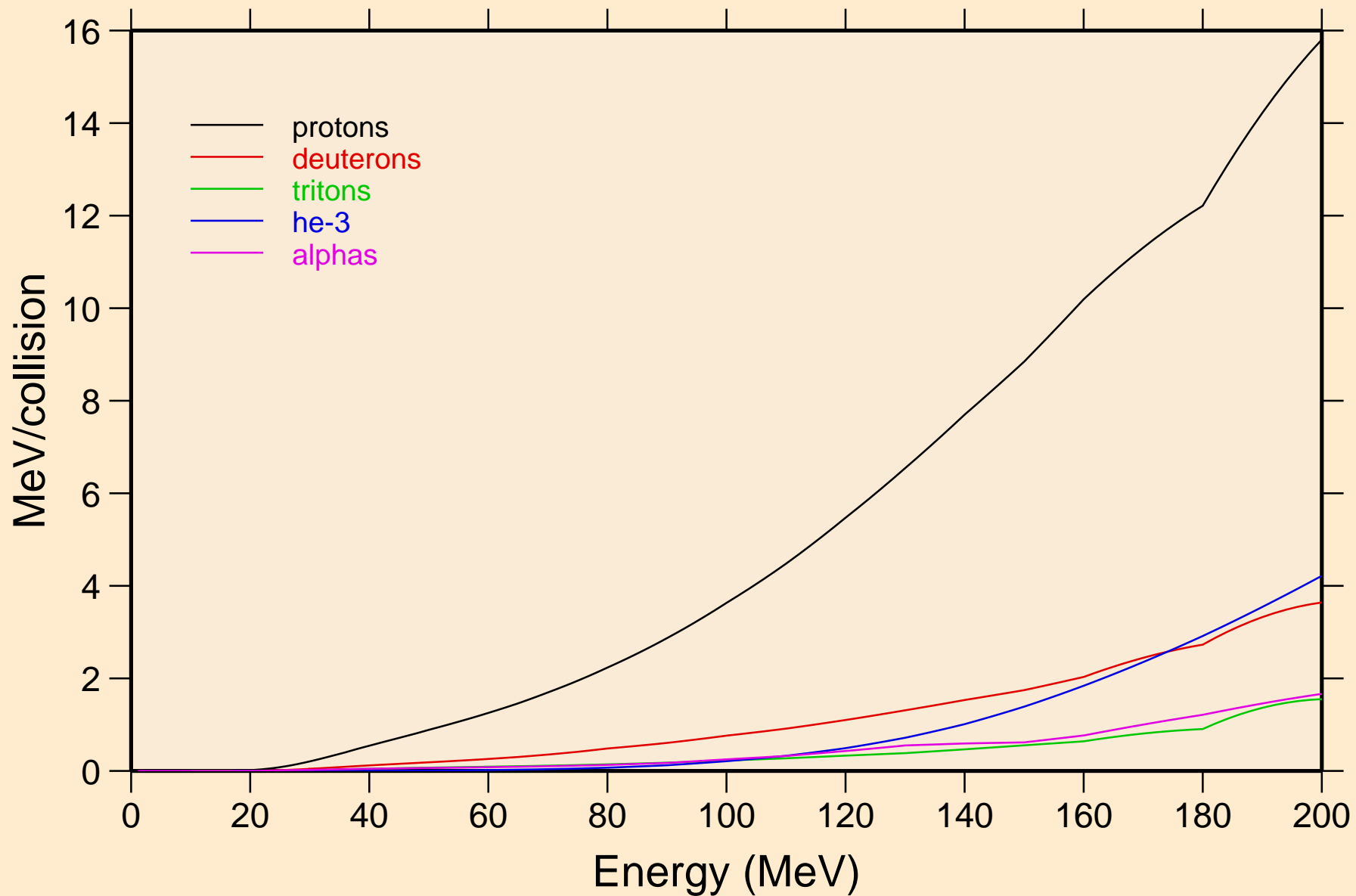


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

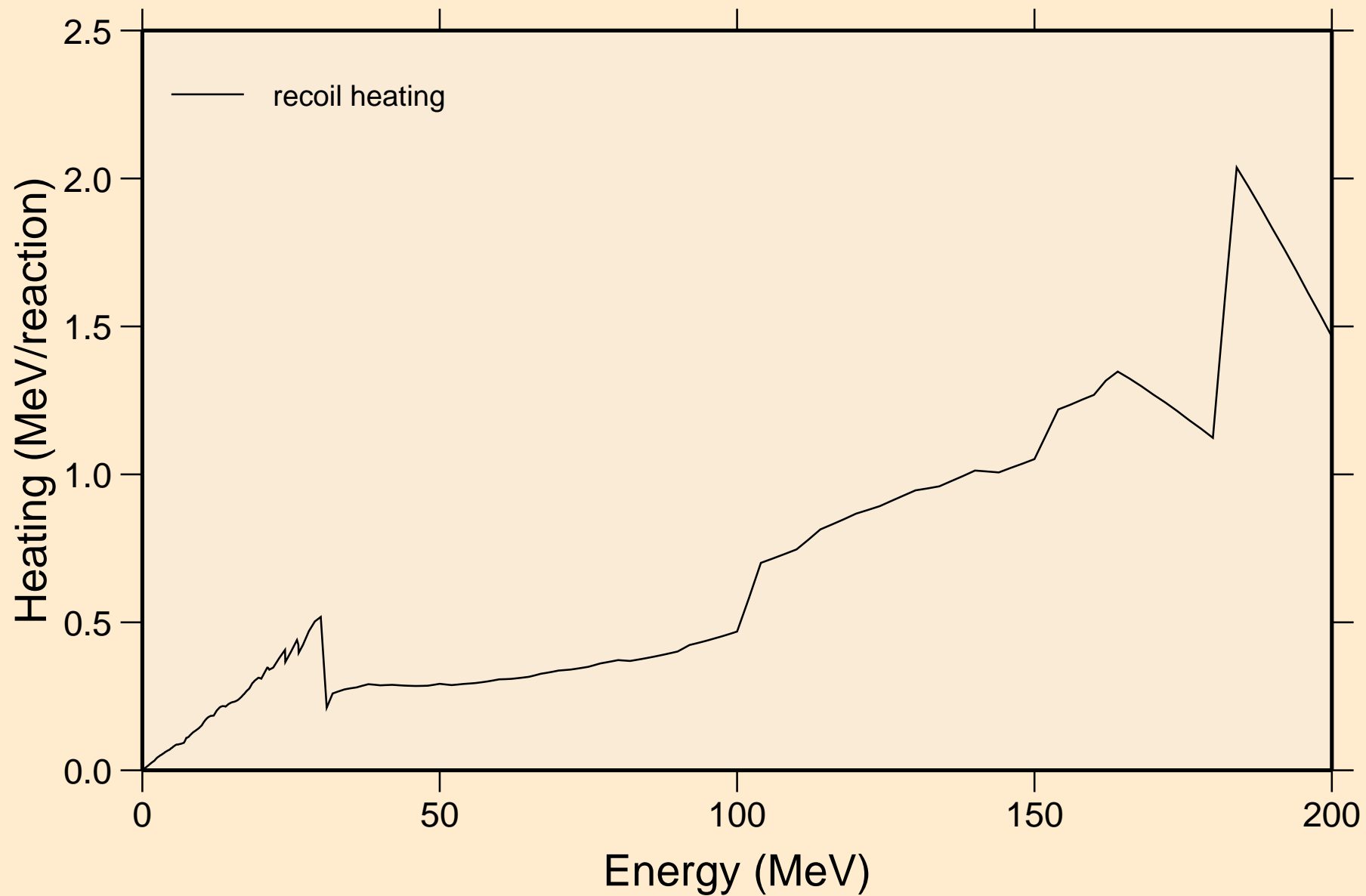


# SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle heating contributions

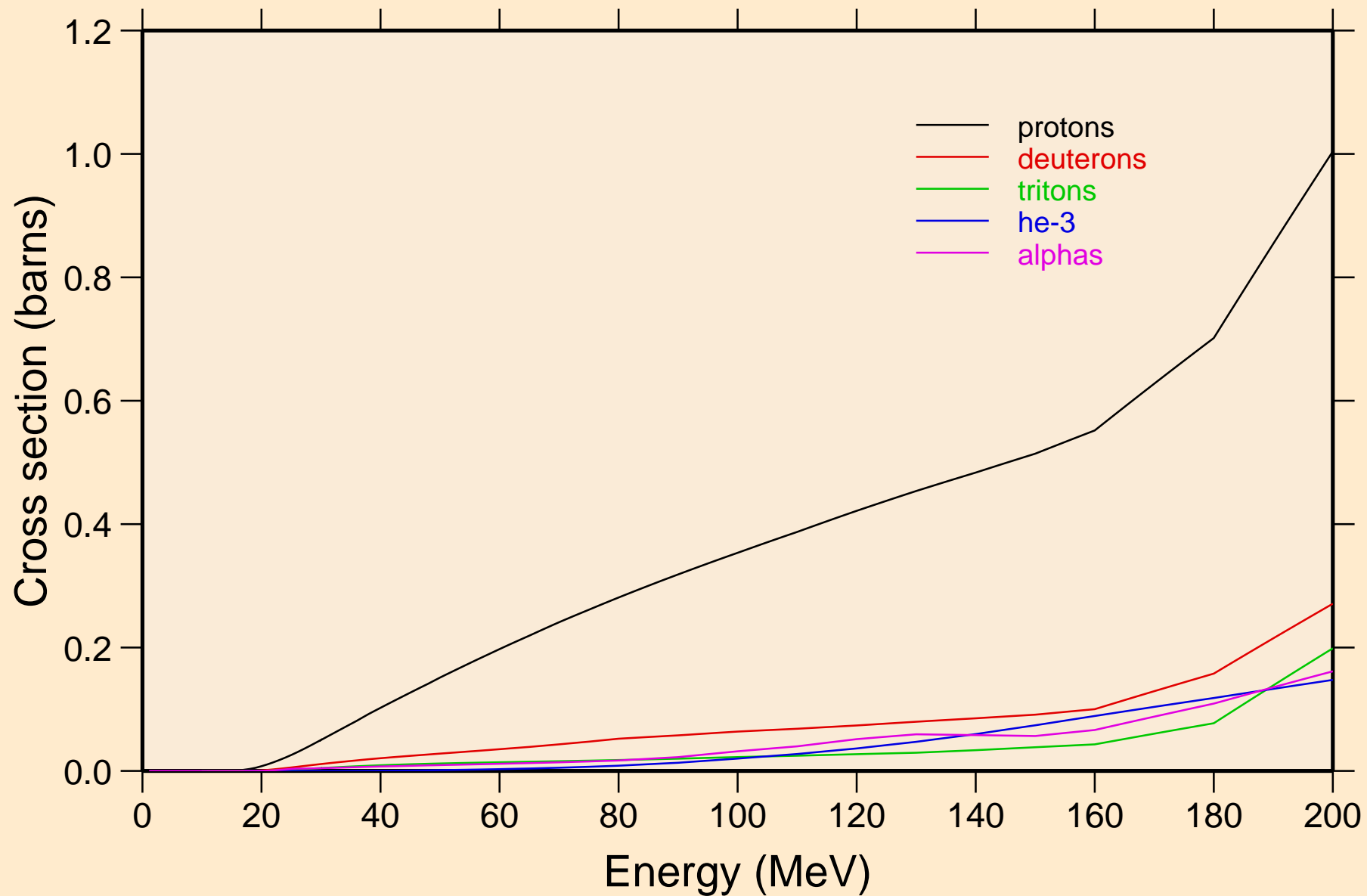


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

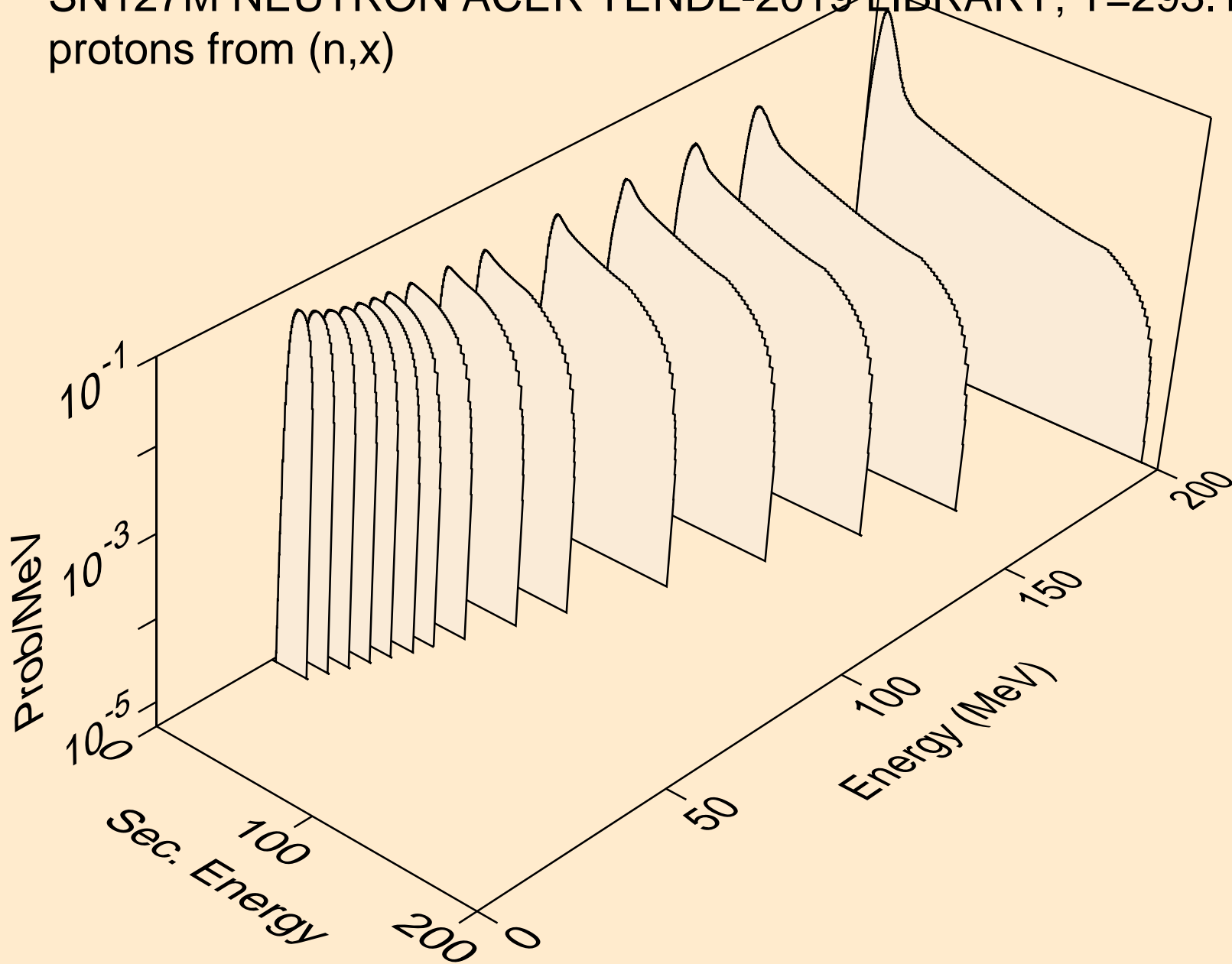


# SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

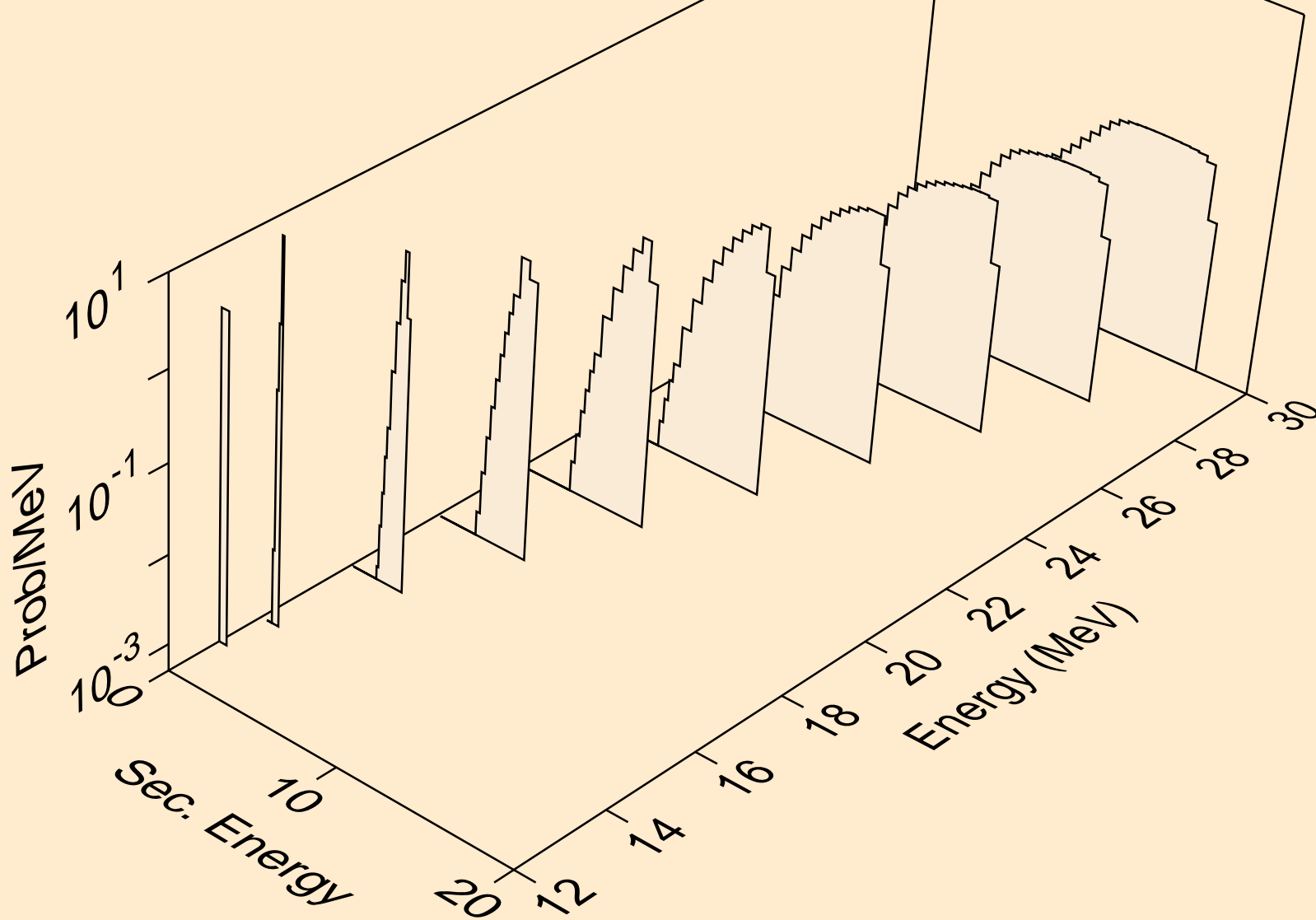
## Particle production cross sections



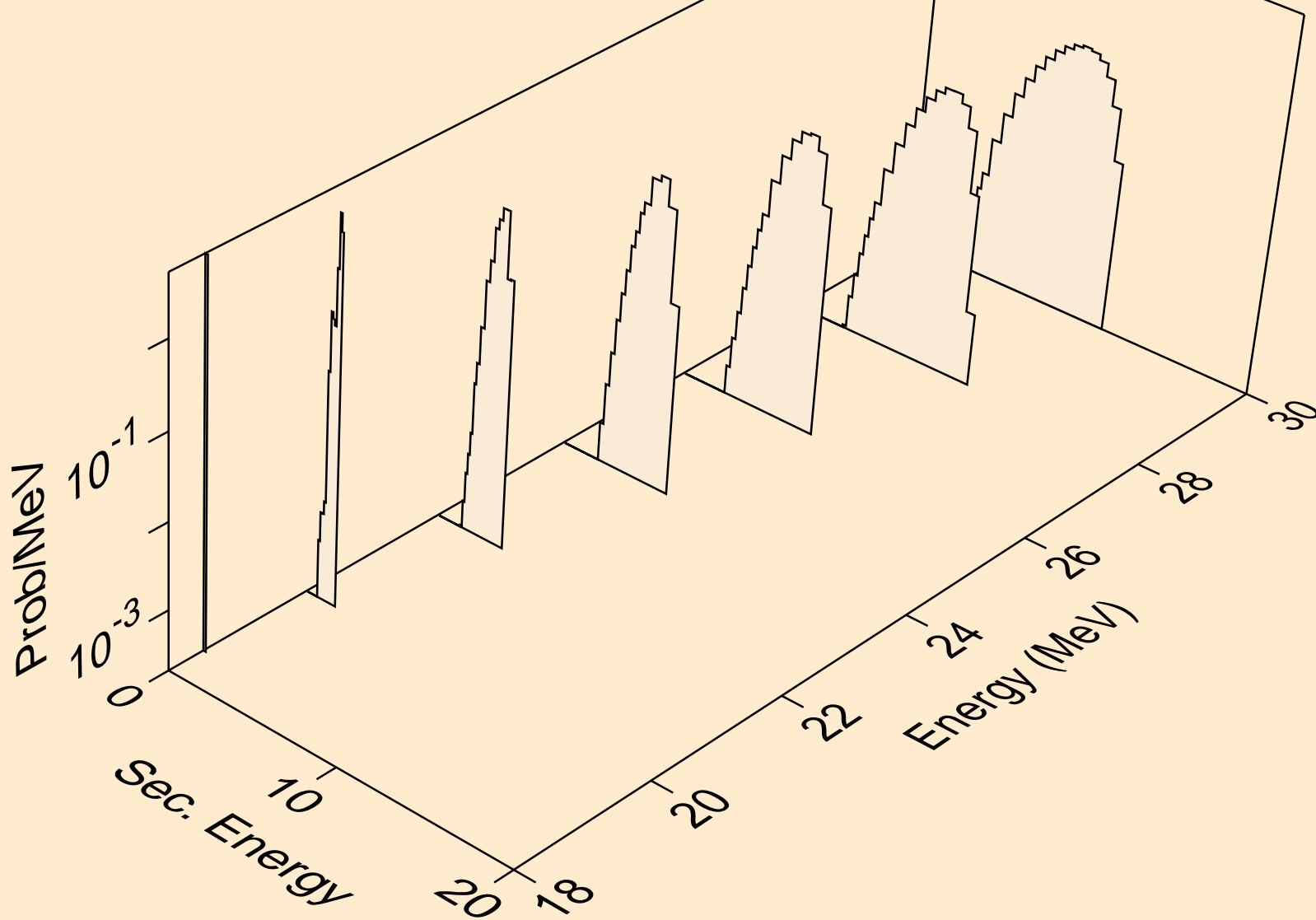
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p

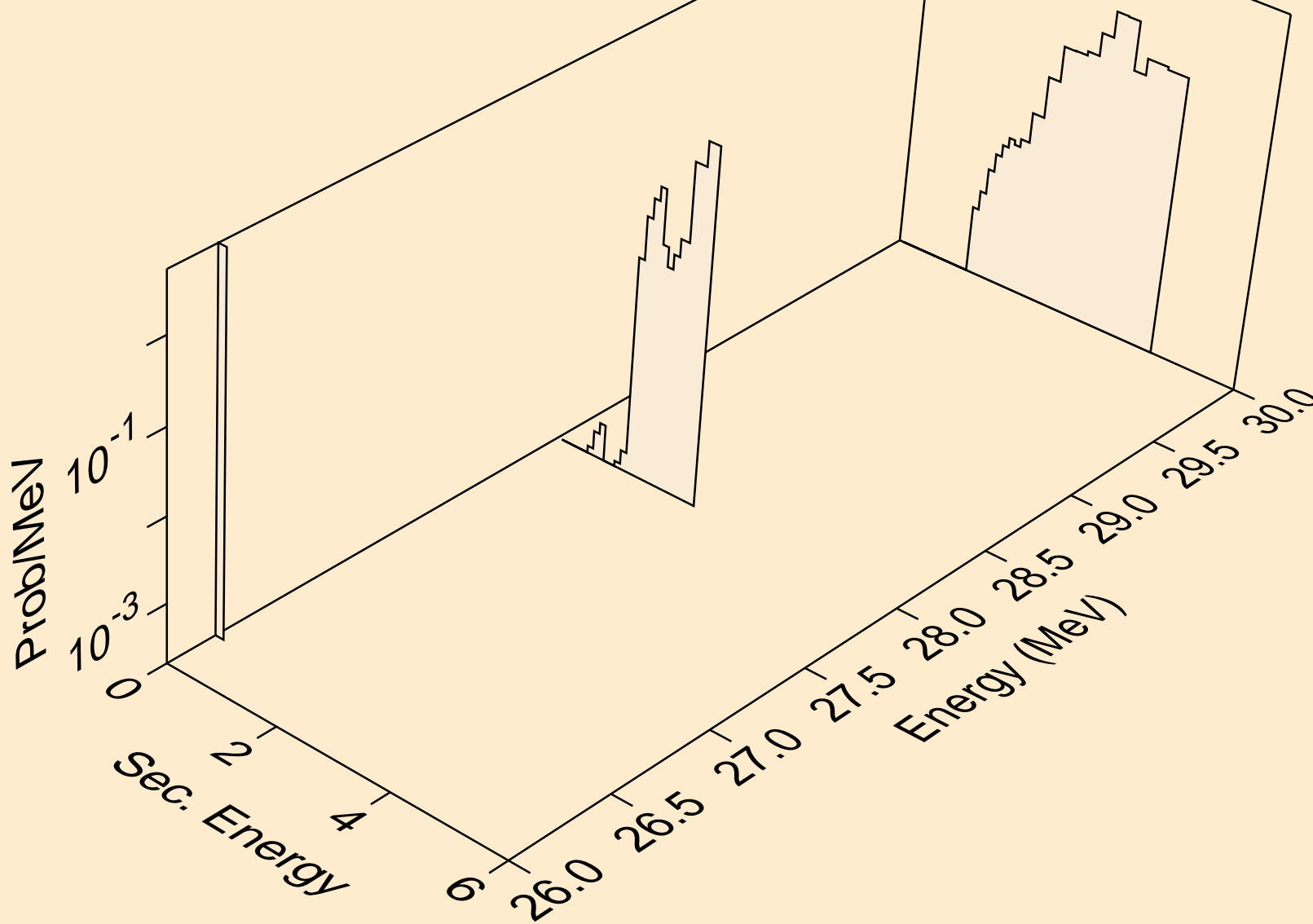


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

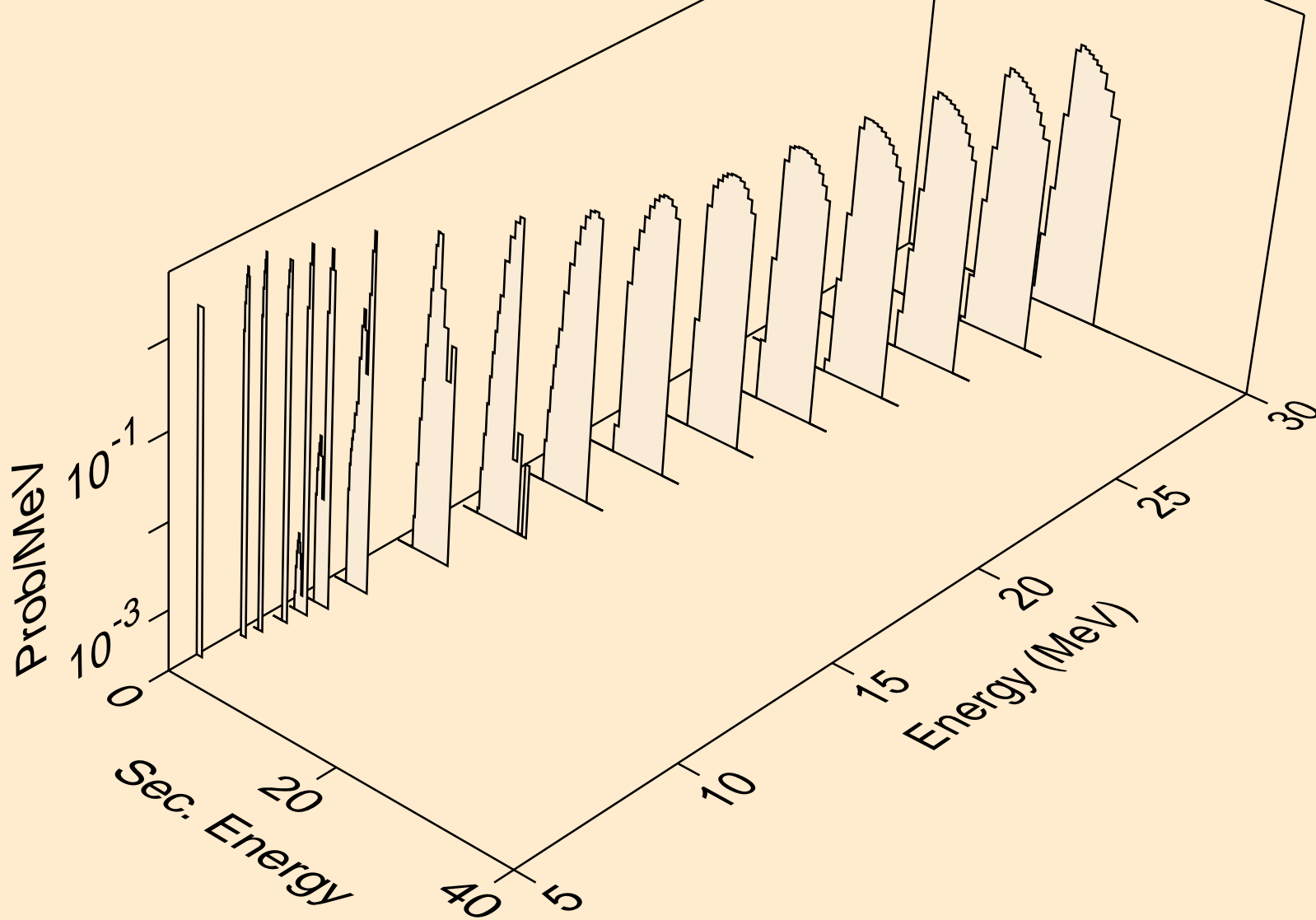




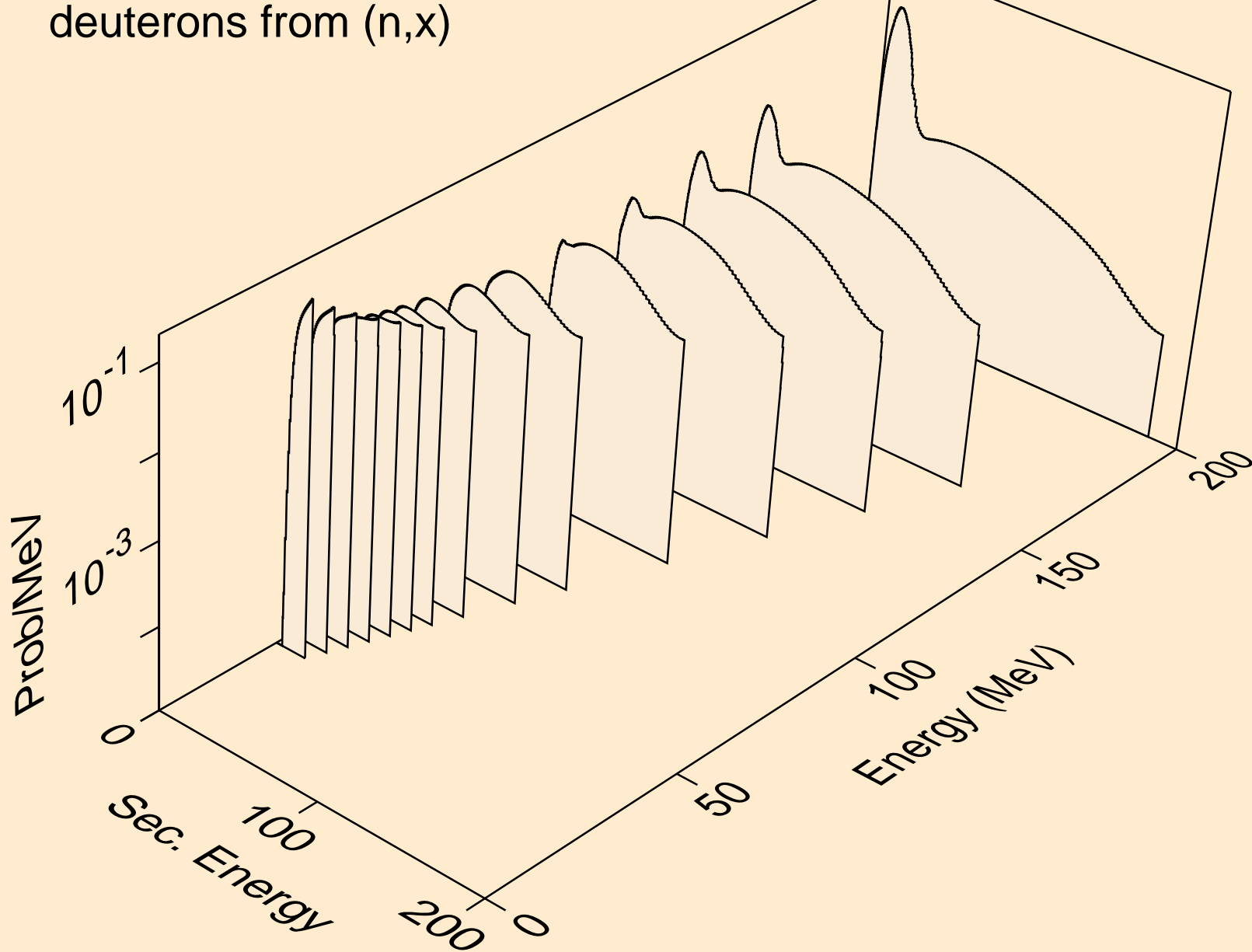
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



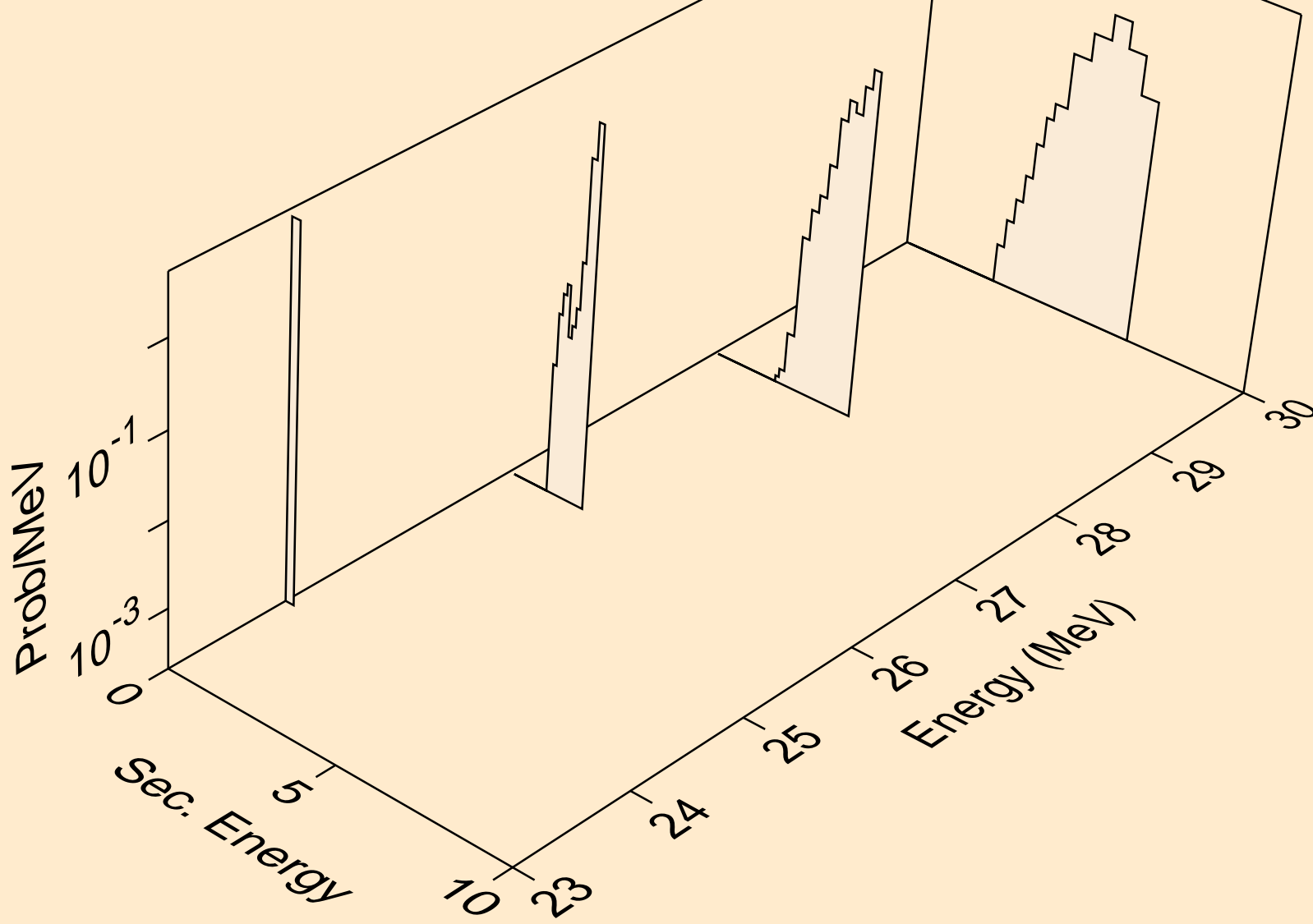
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



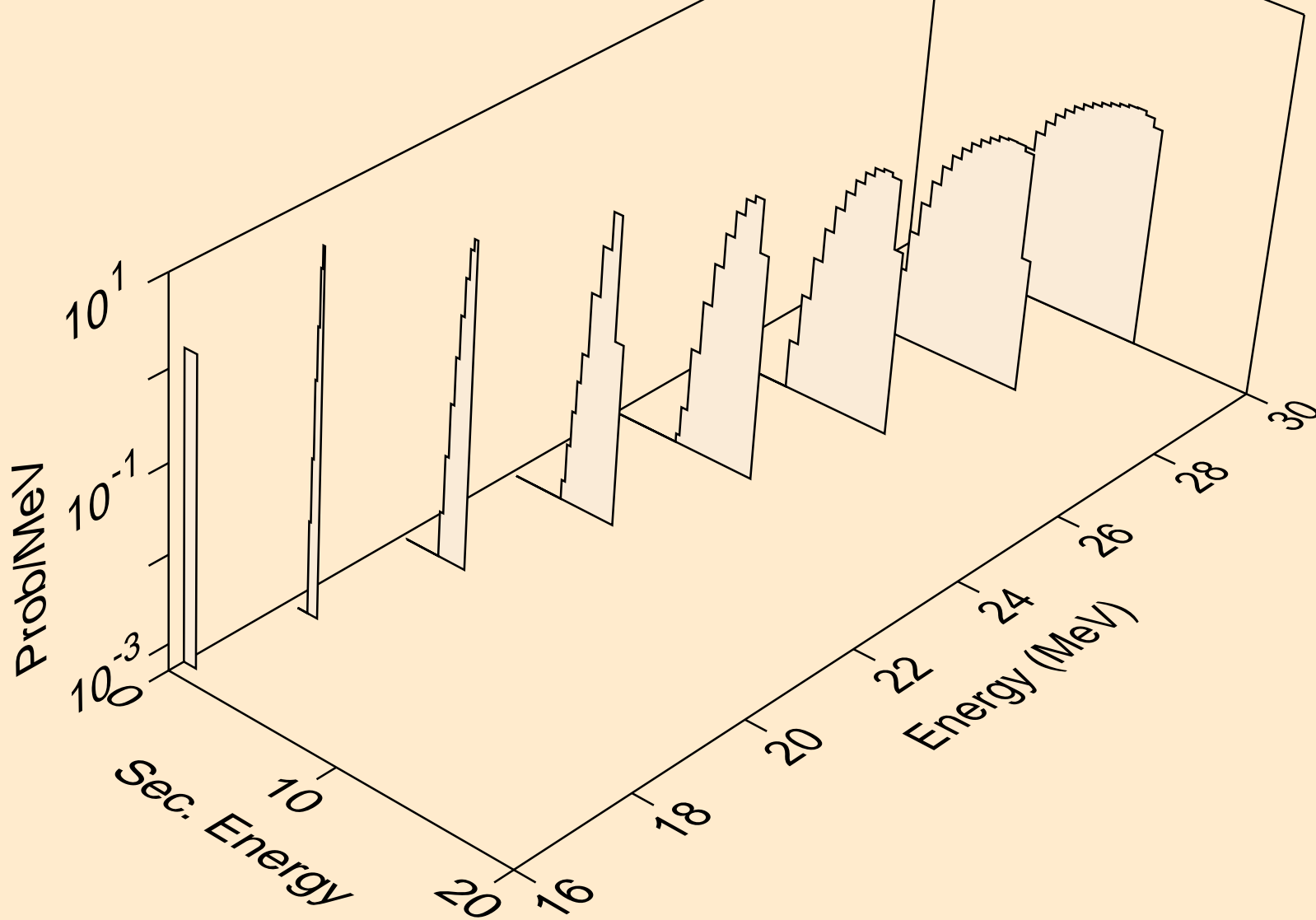
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



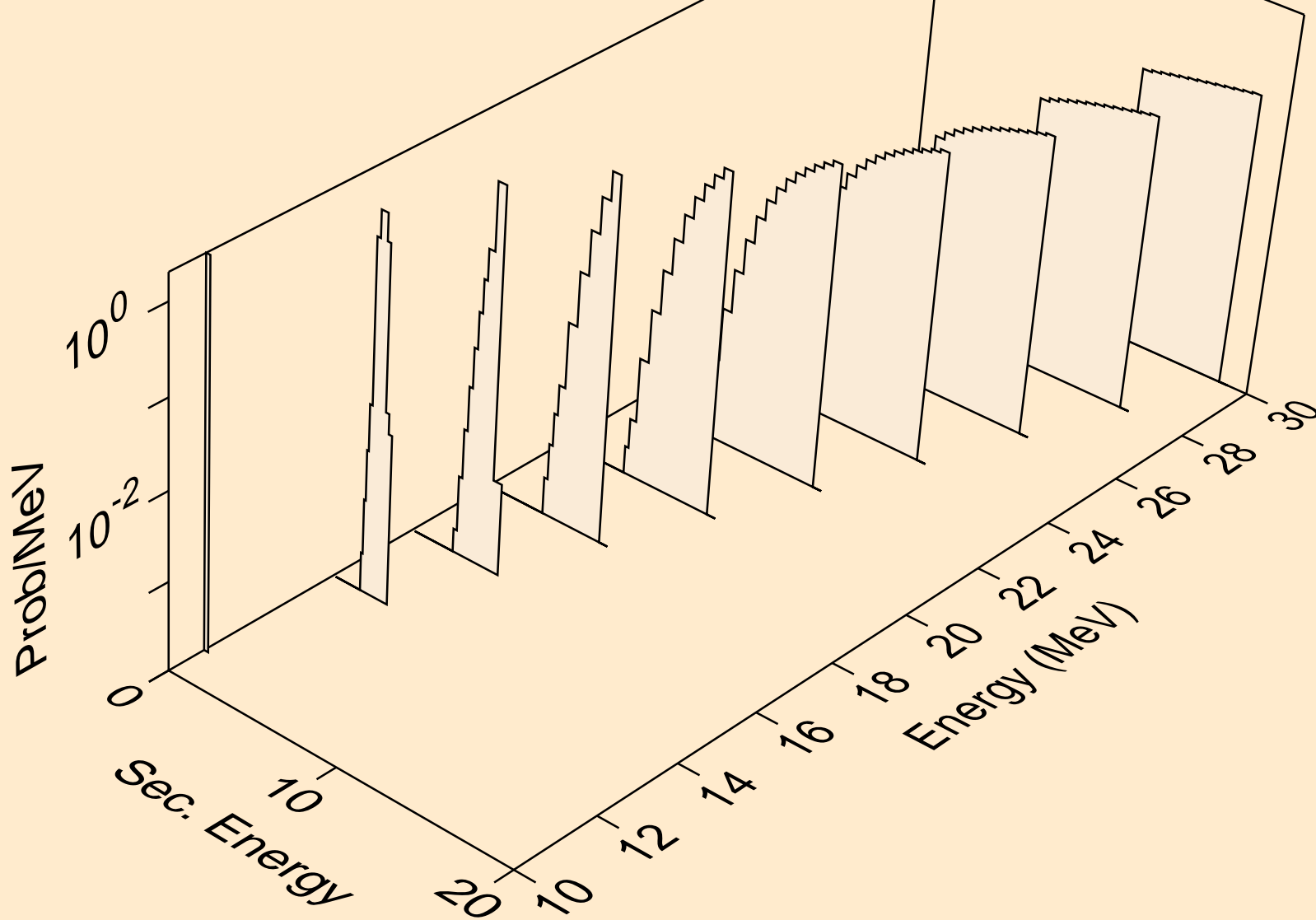
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



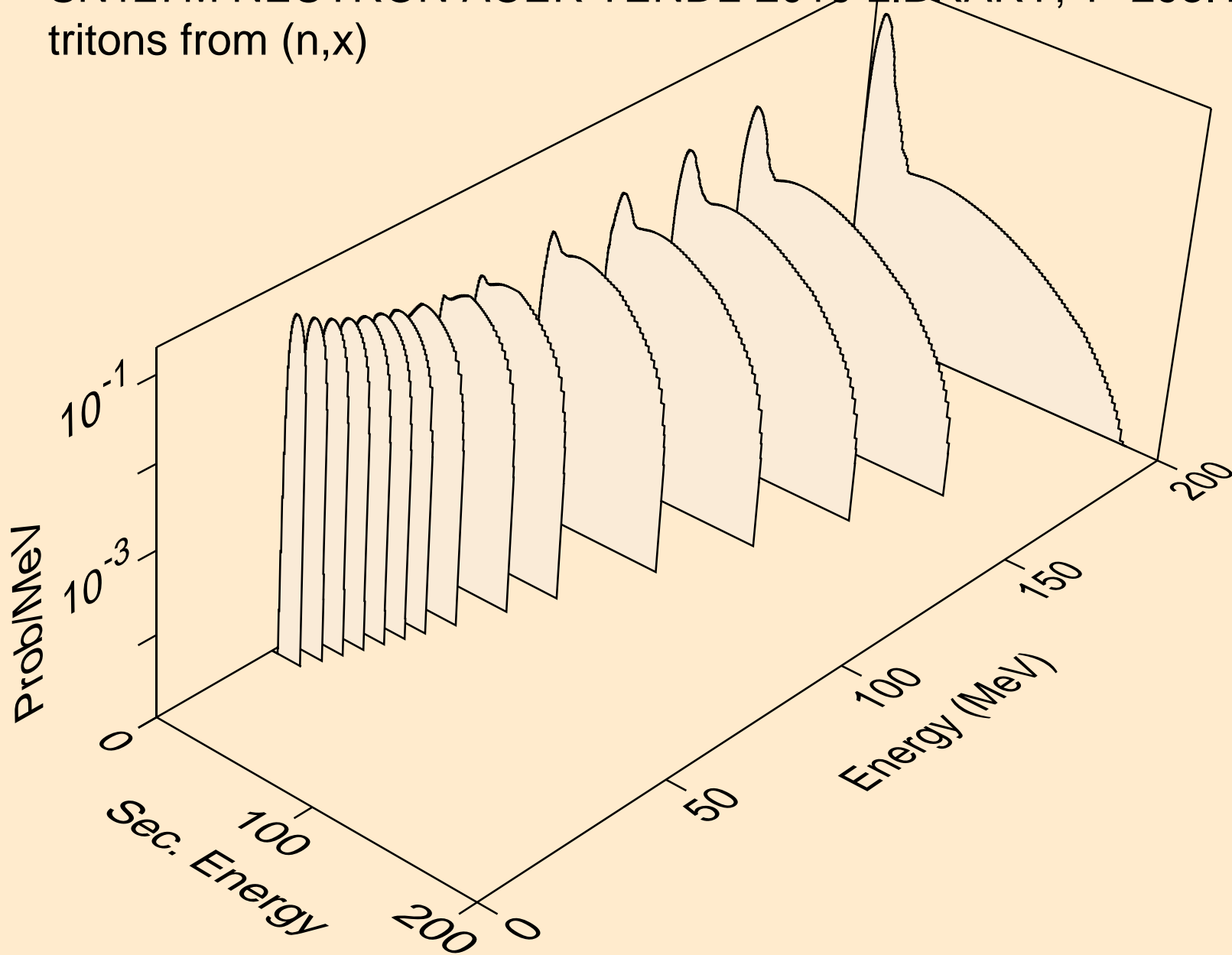
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



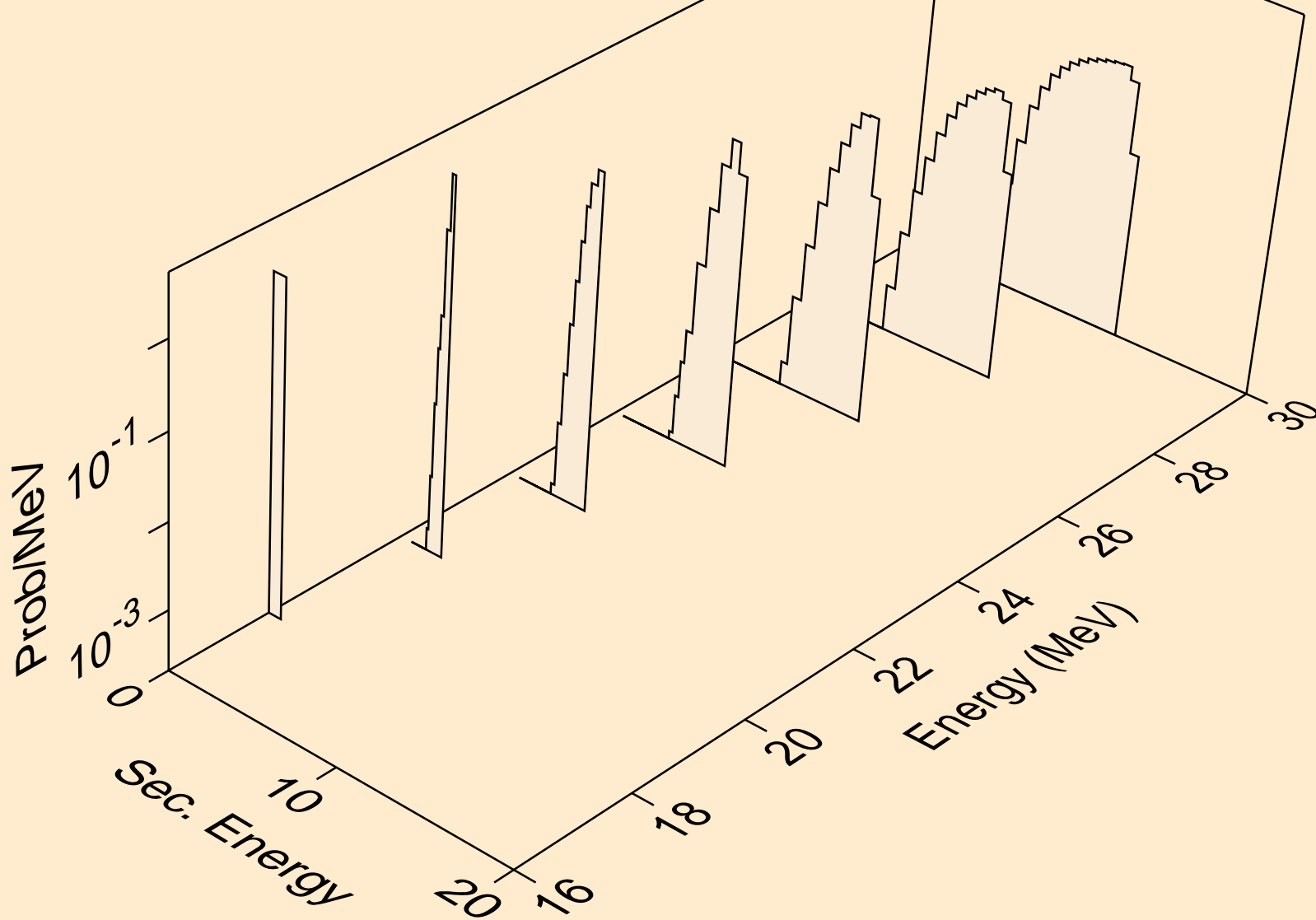
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)

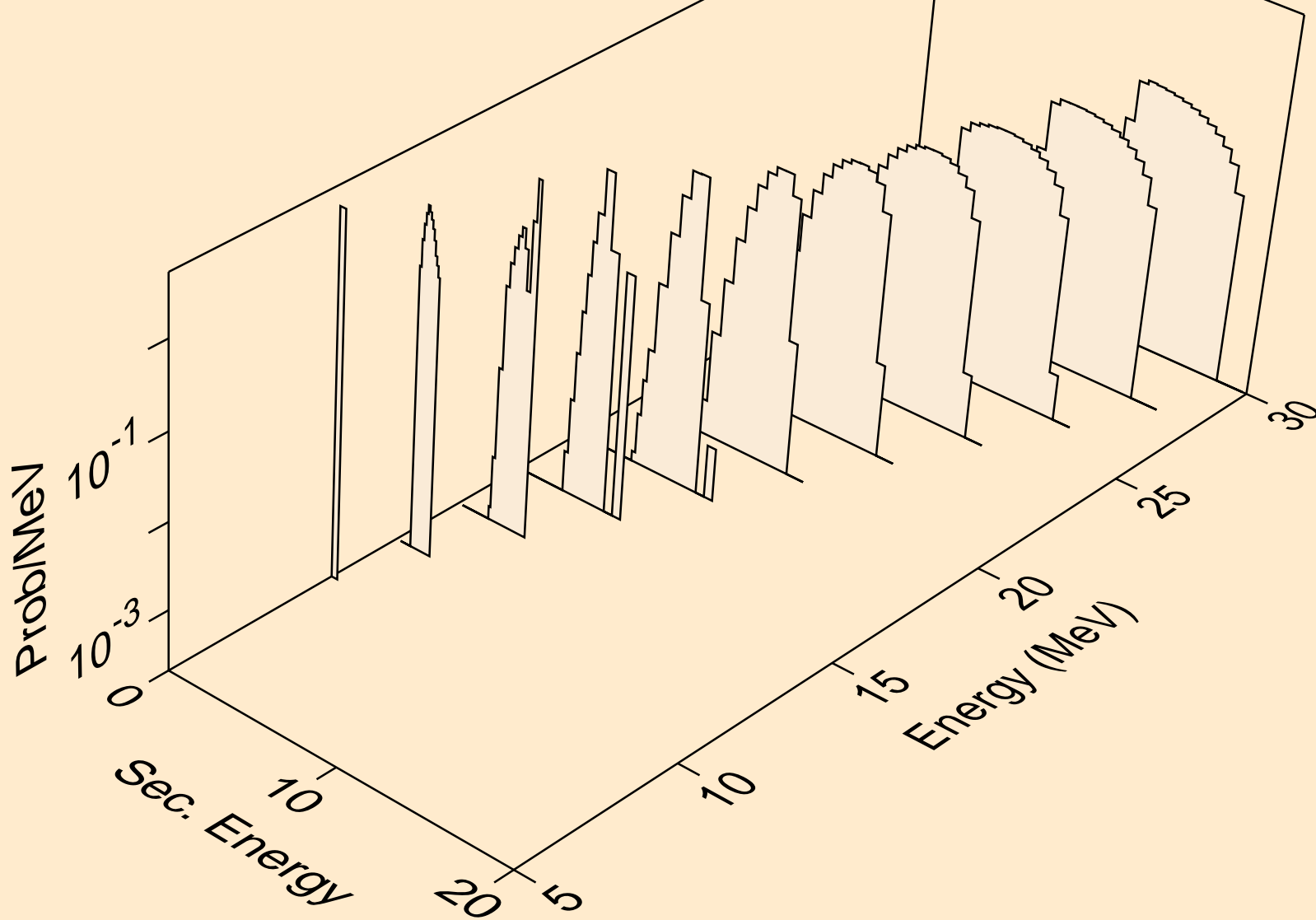


SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

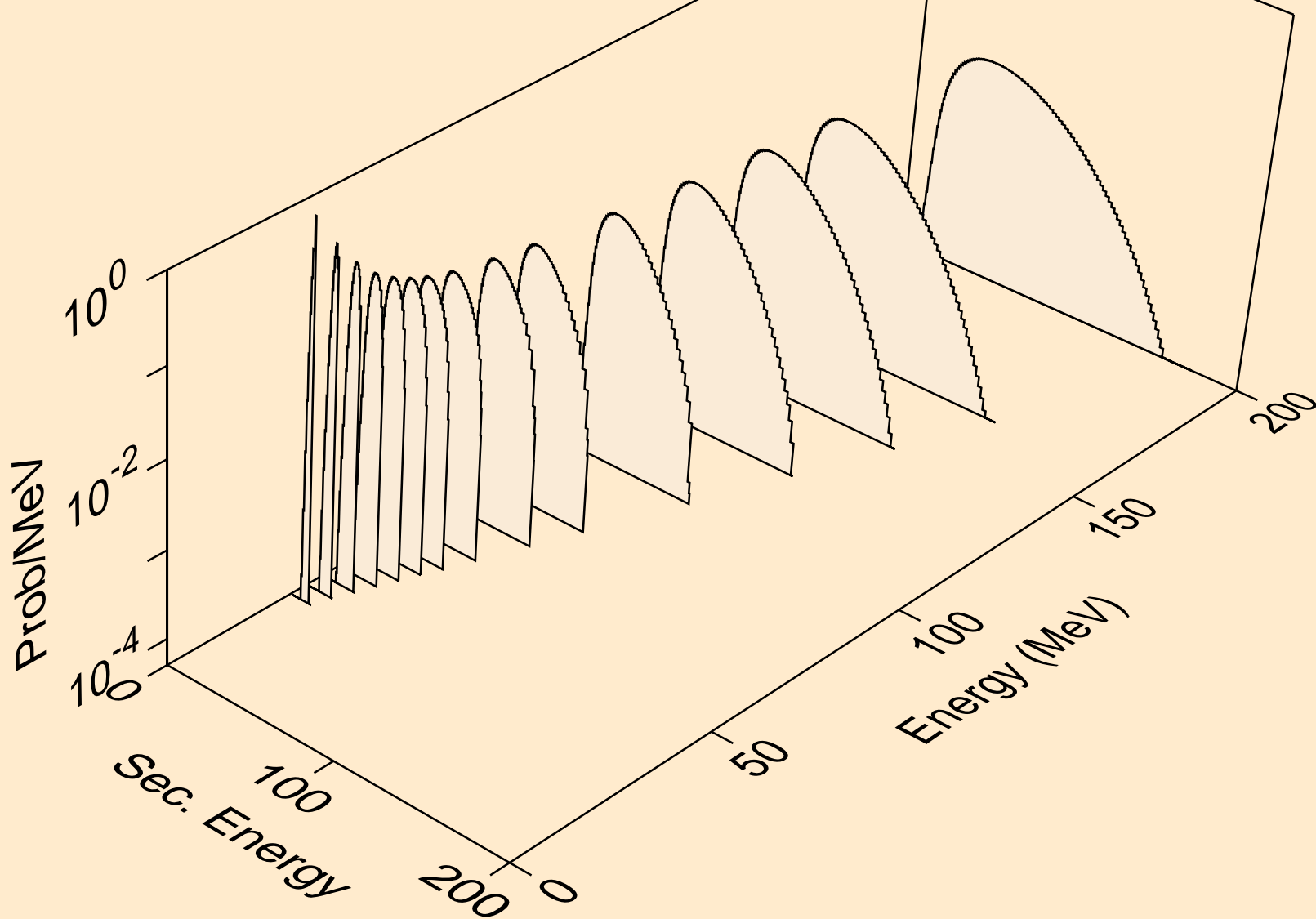




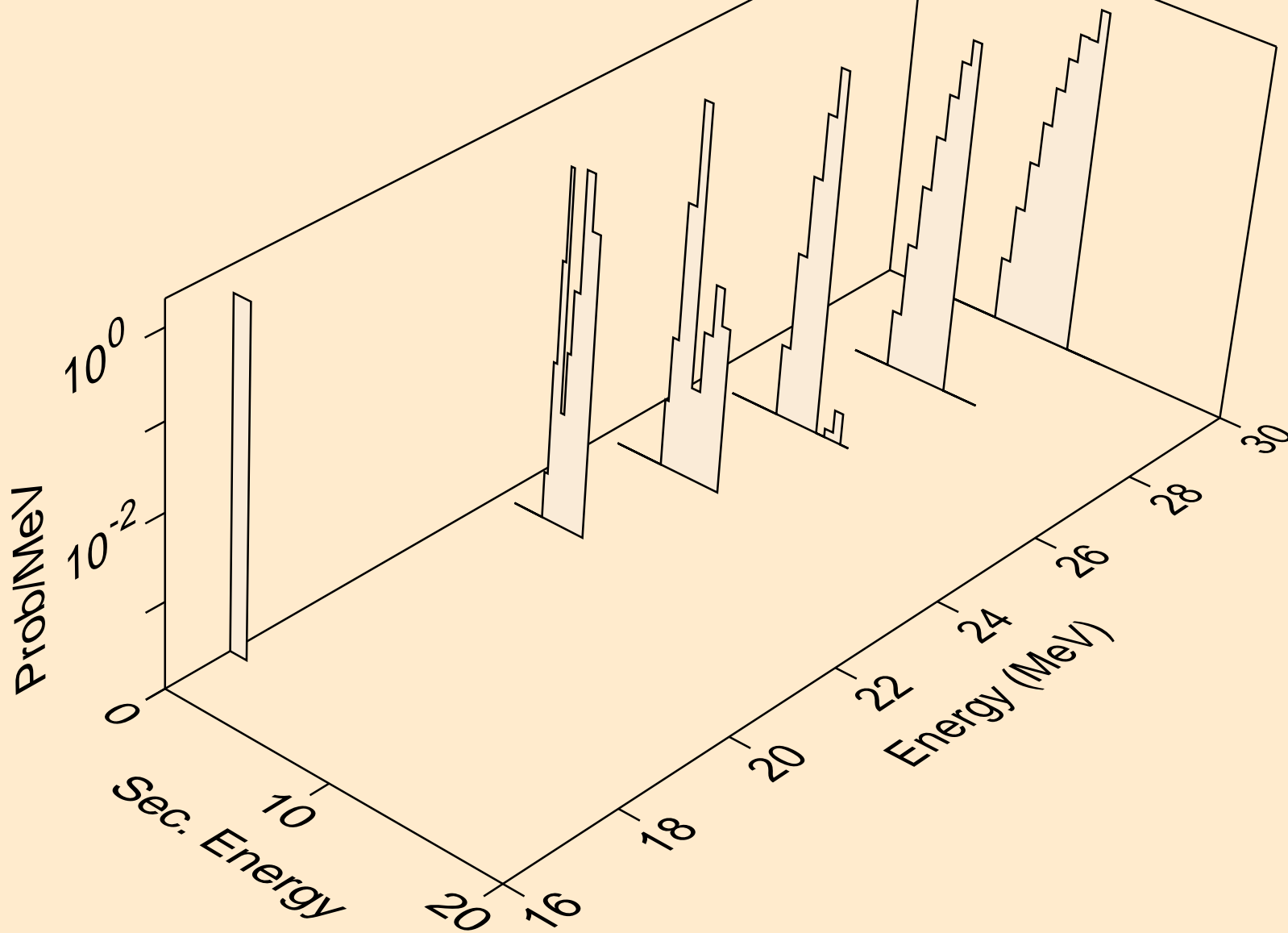
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



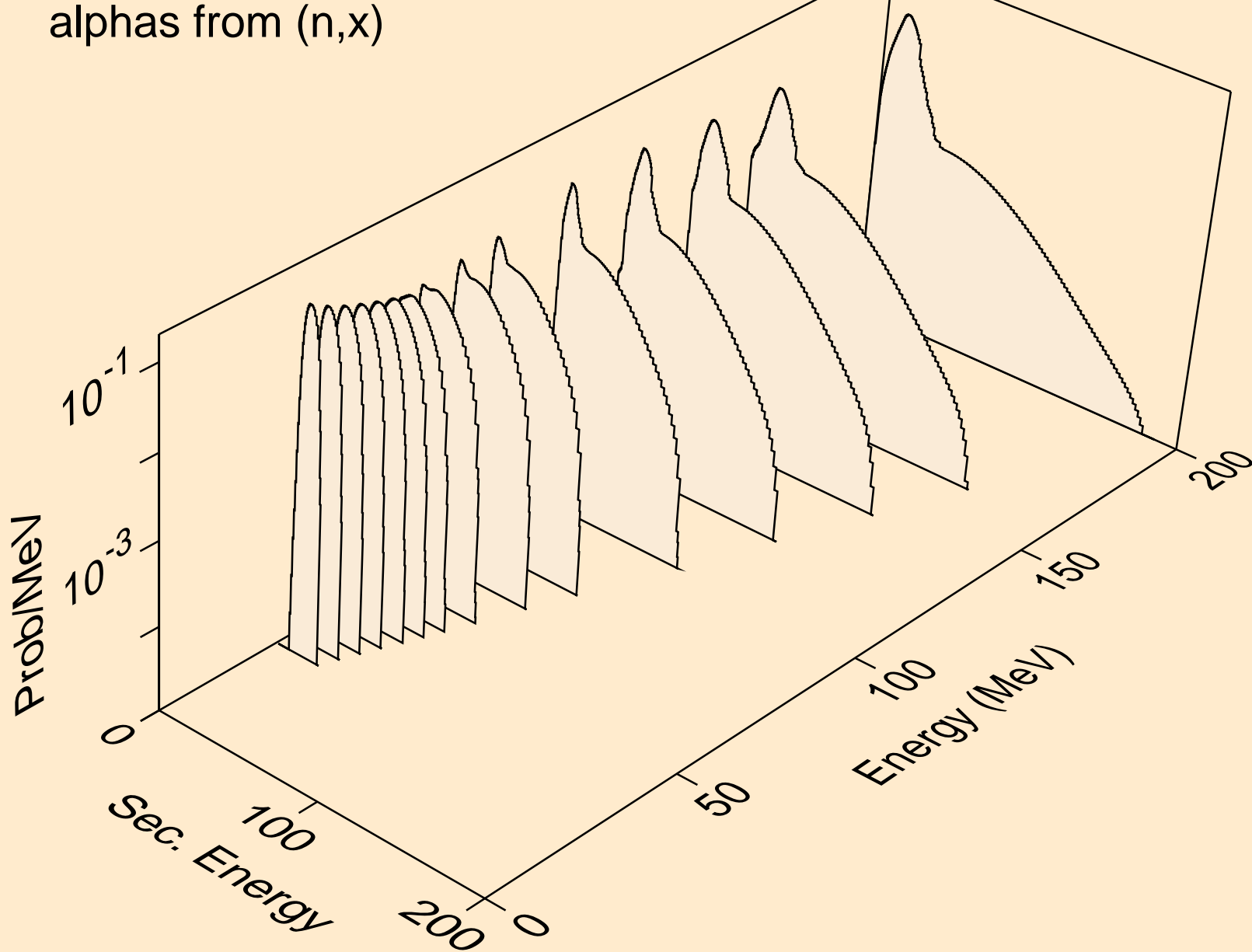
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



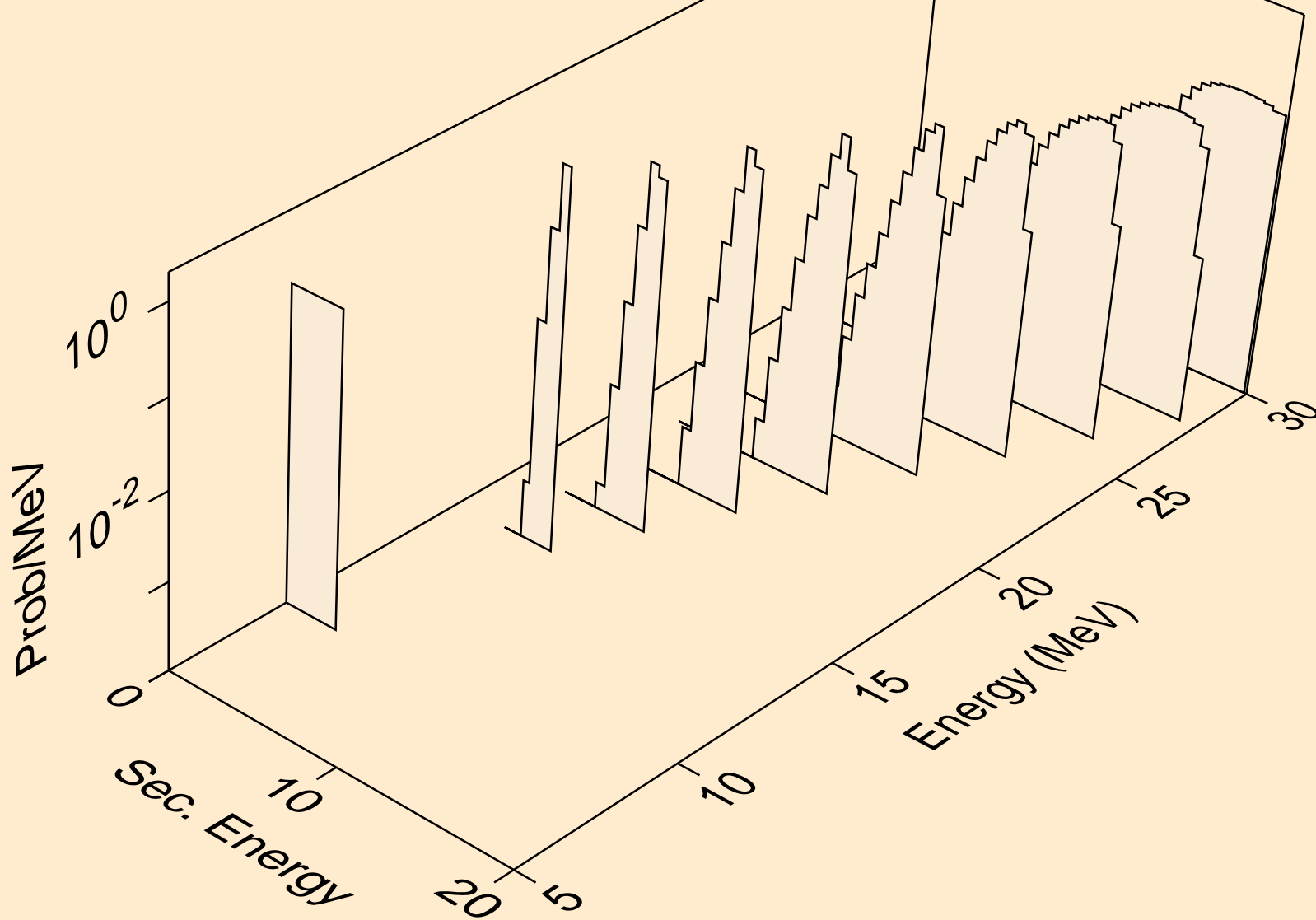
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



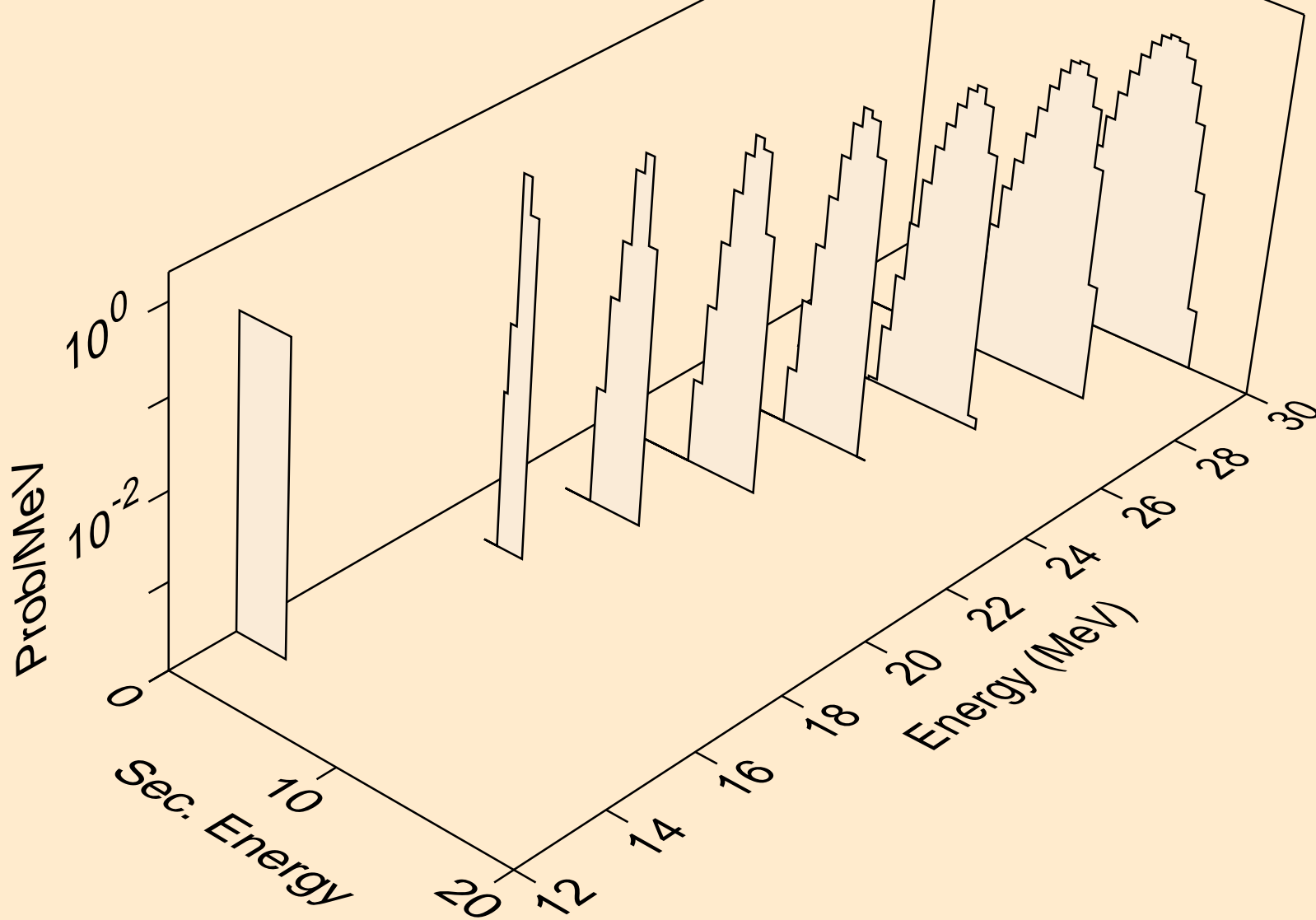
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



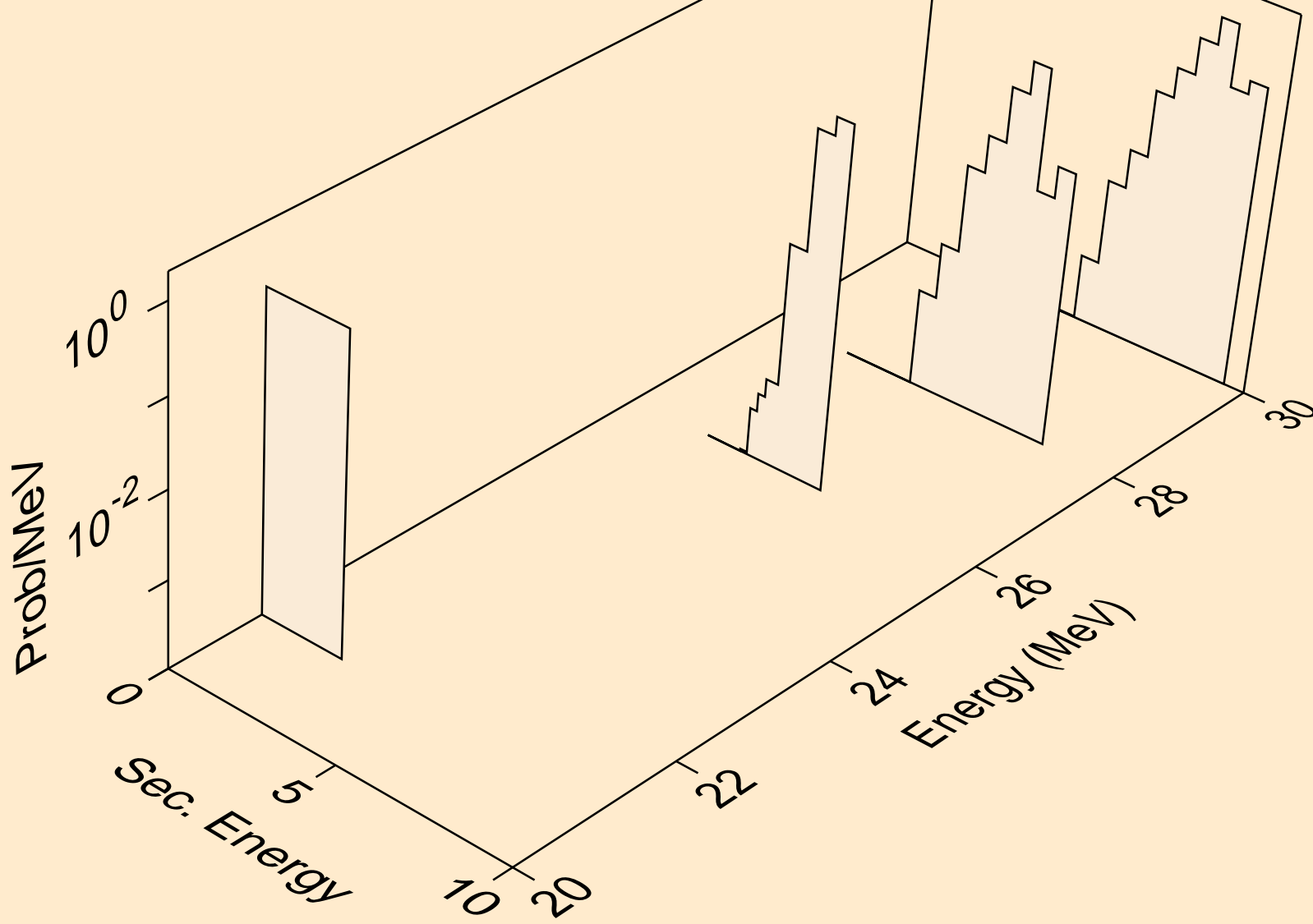
SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



SN127M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

