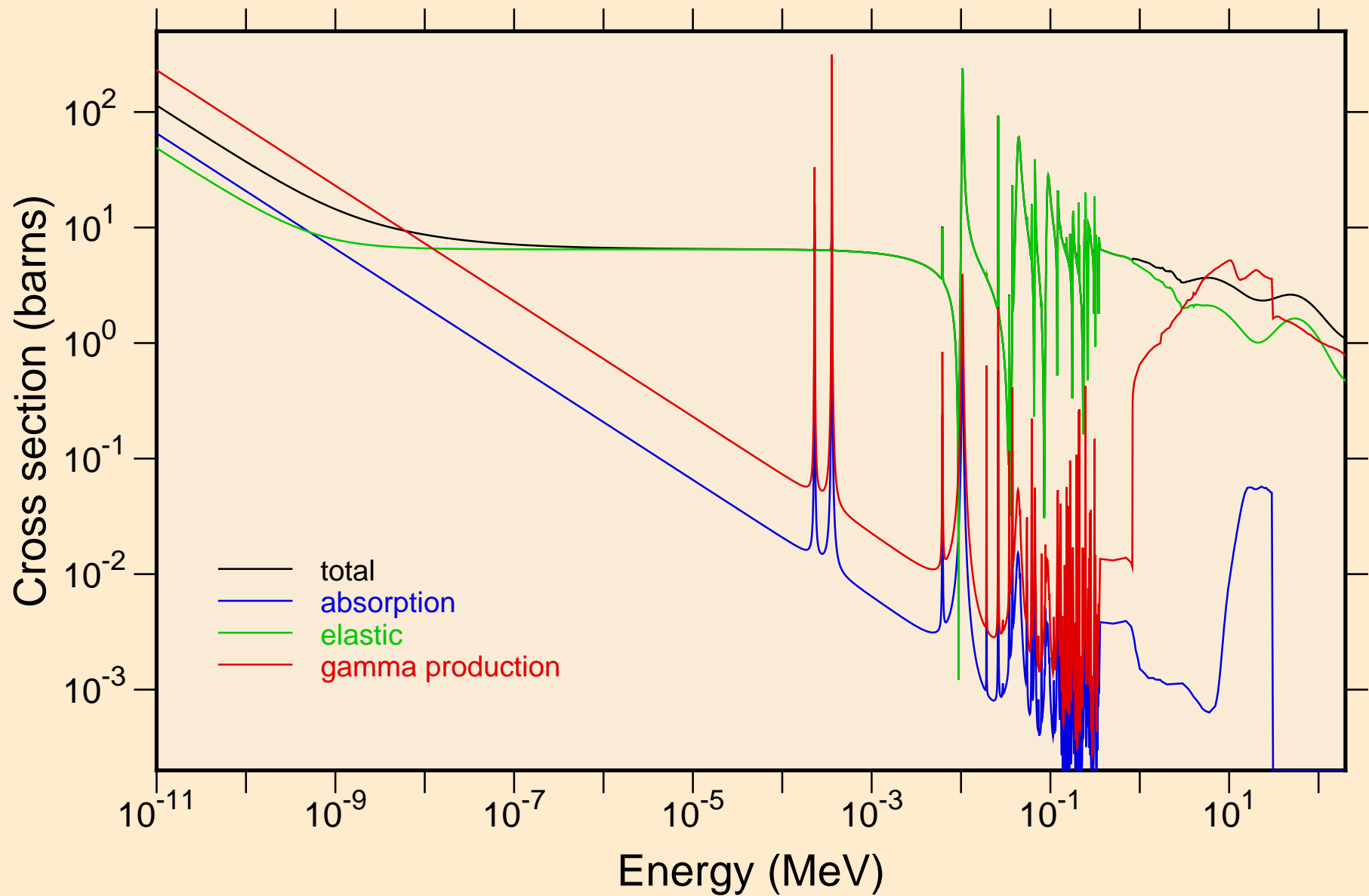
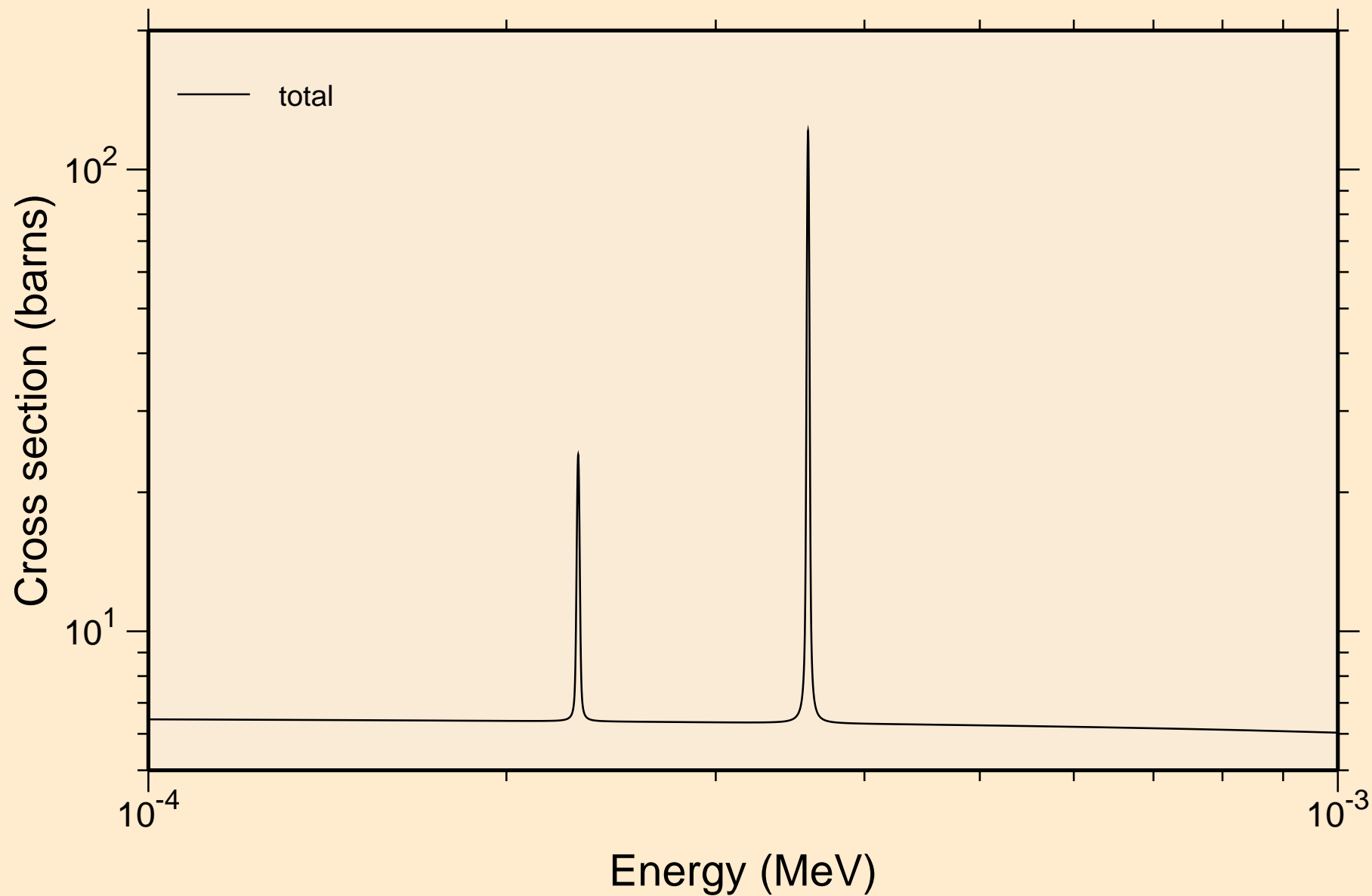


# FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

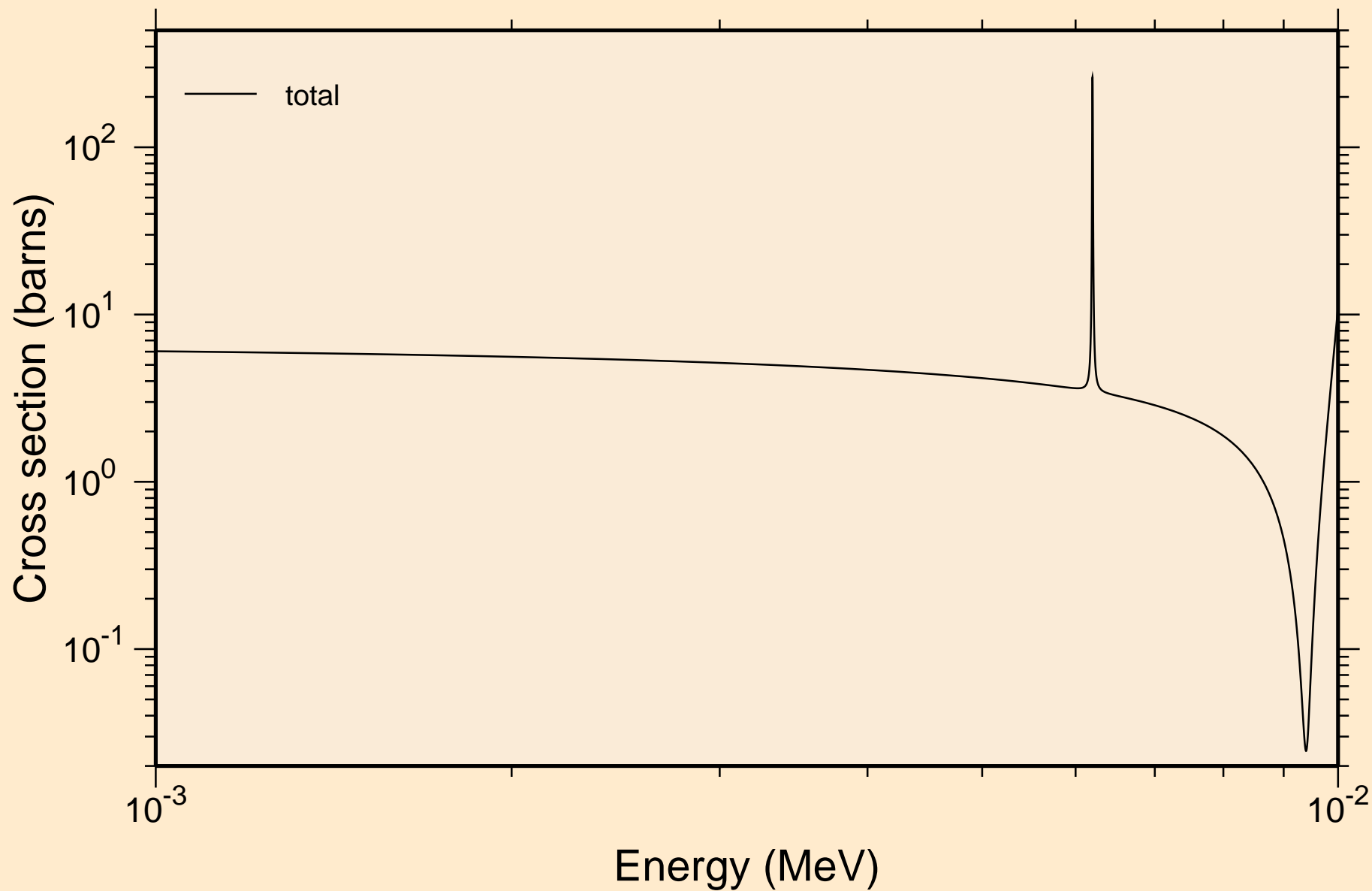
## Principal cross sections



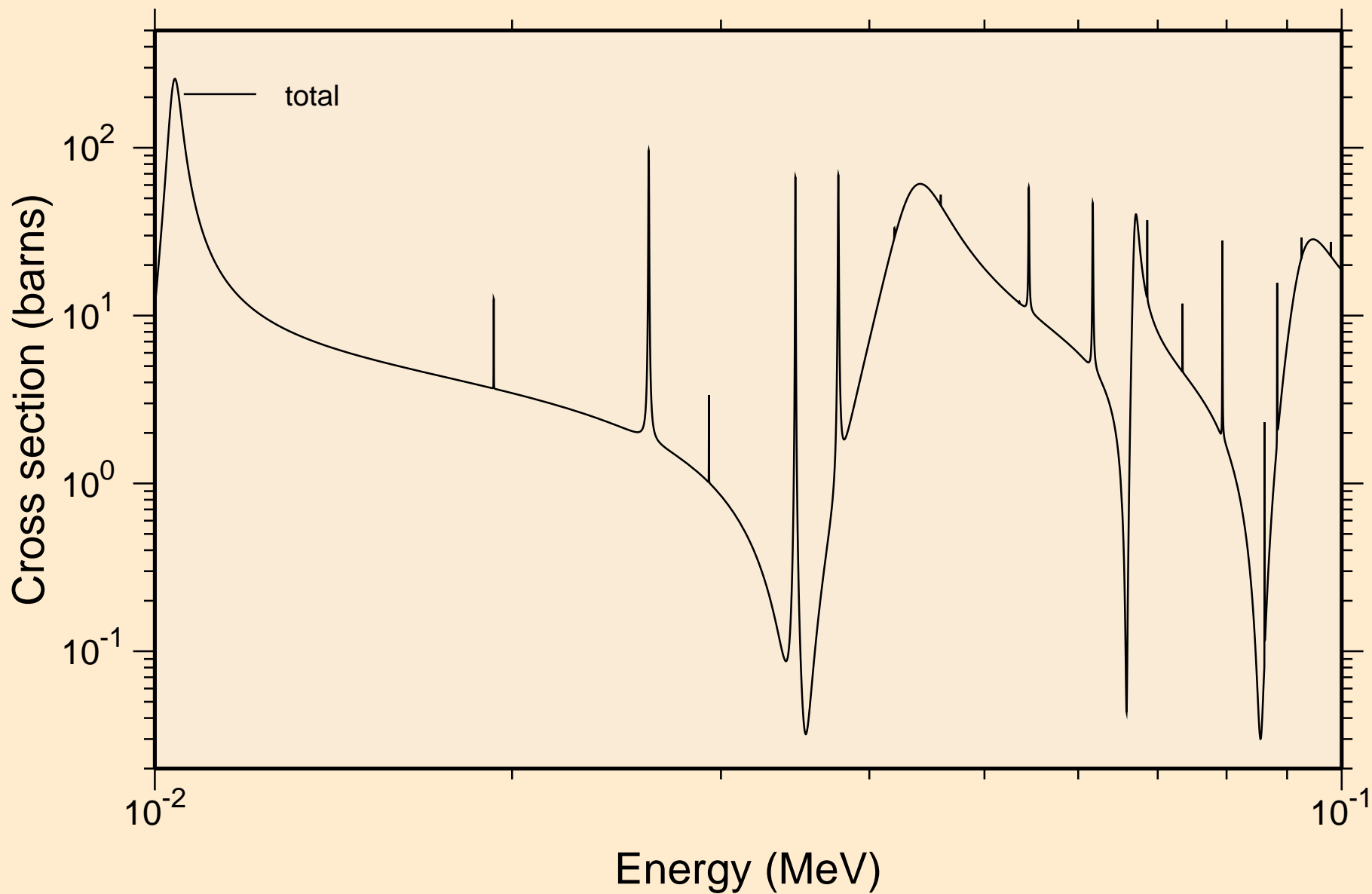
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



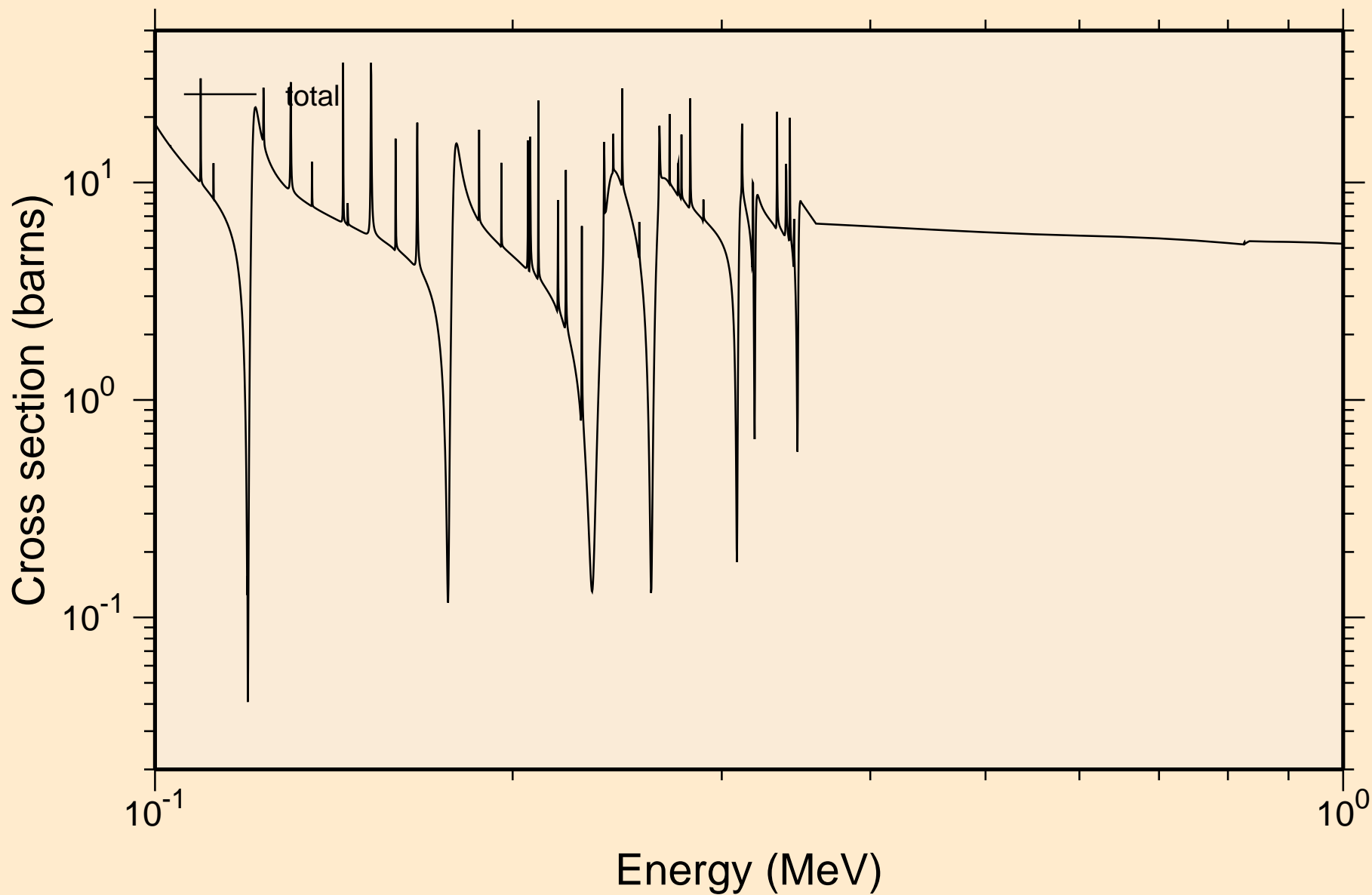
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



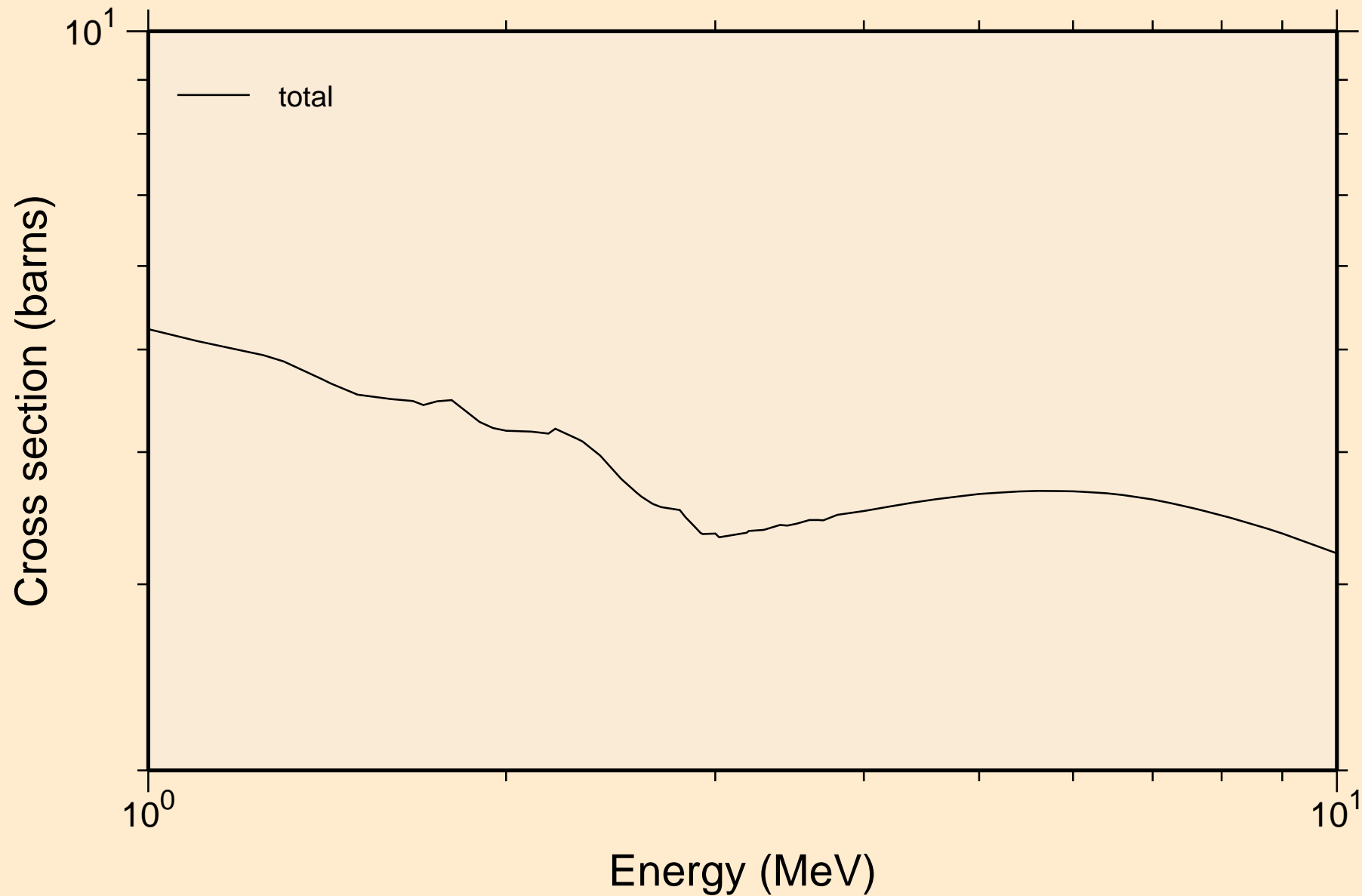
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



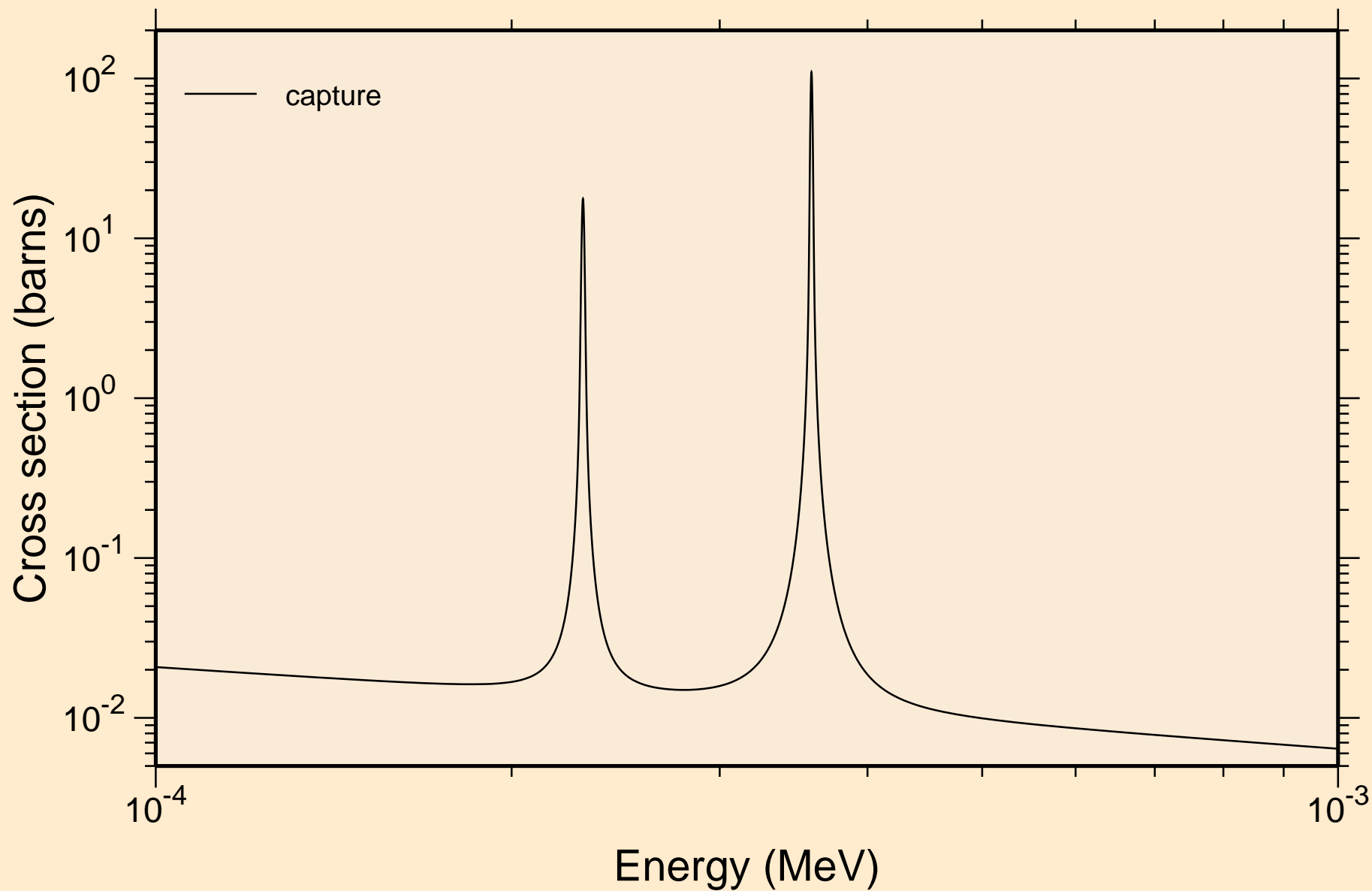
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



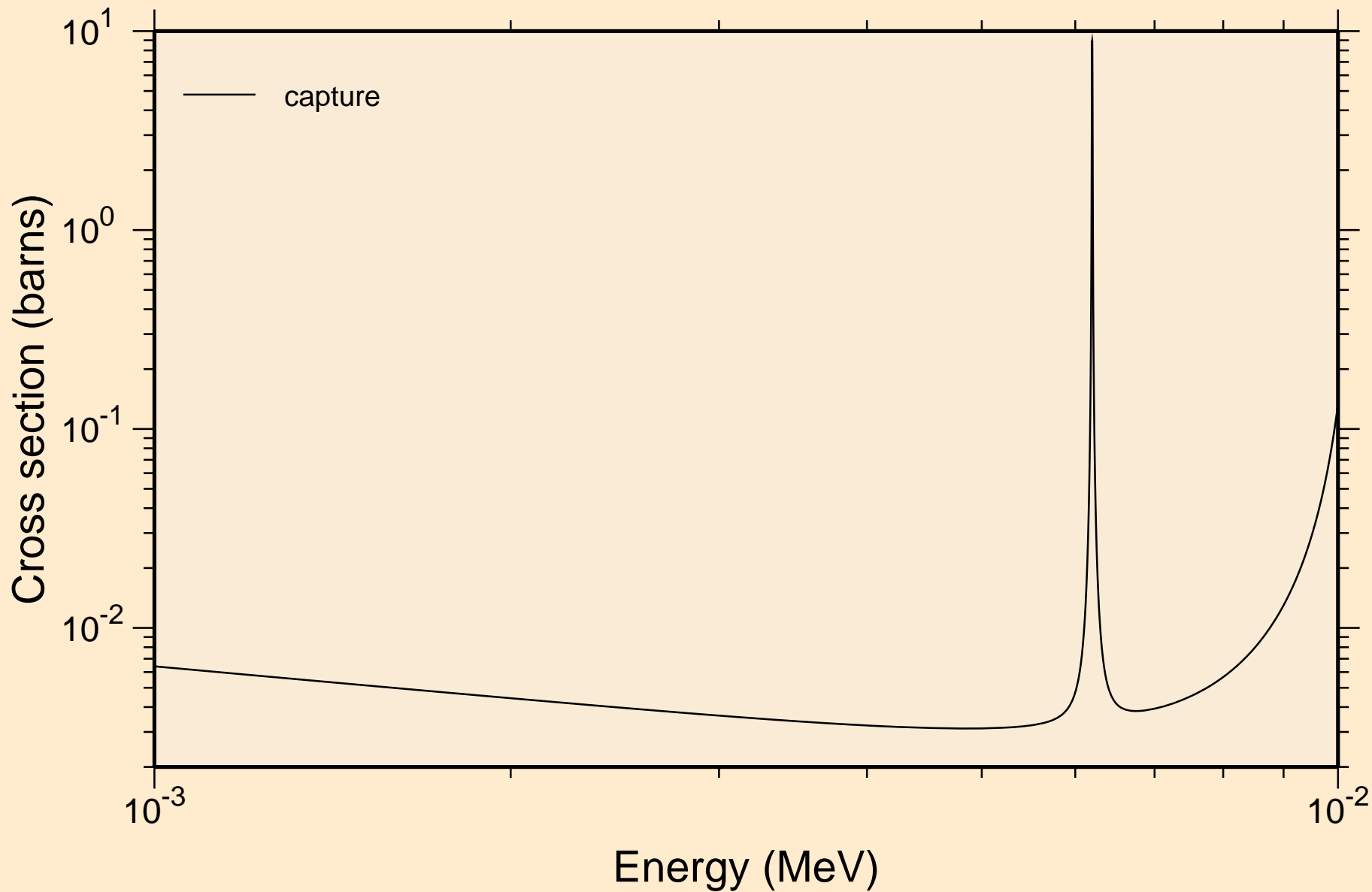
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

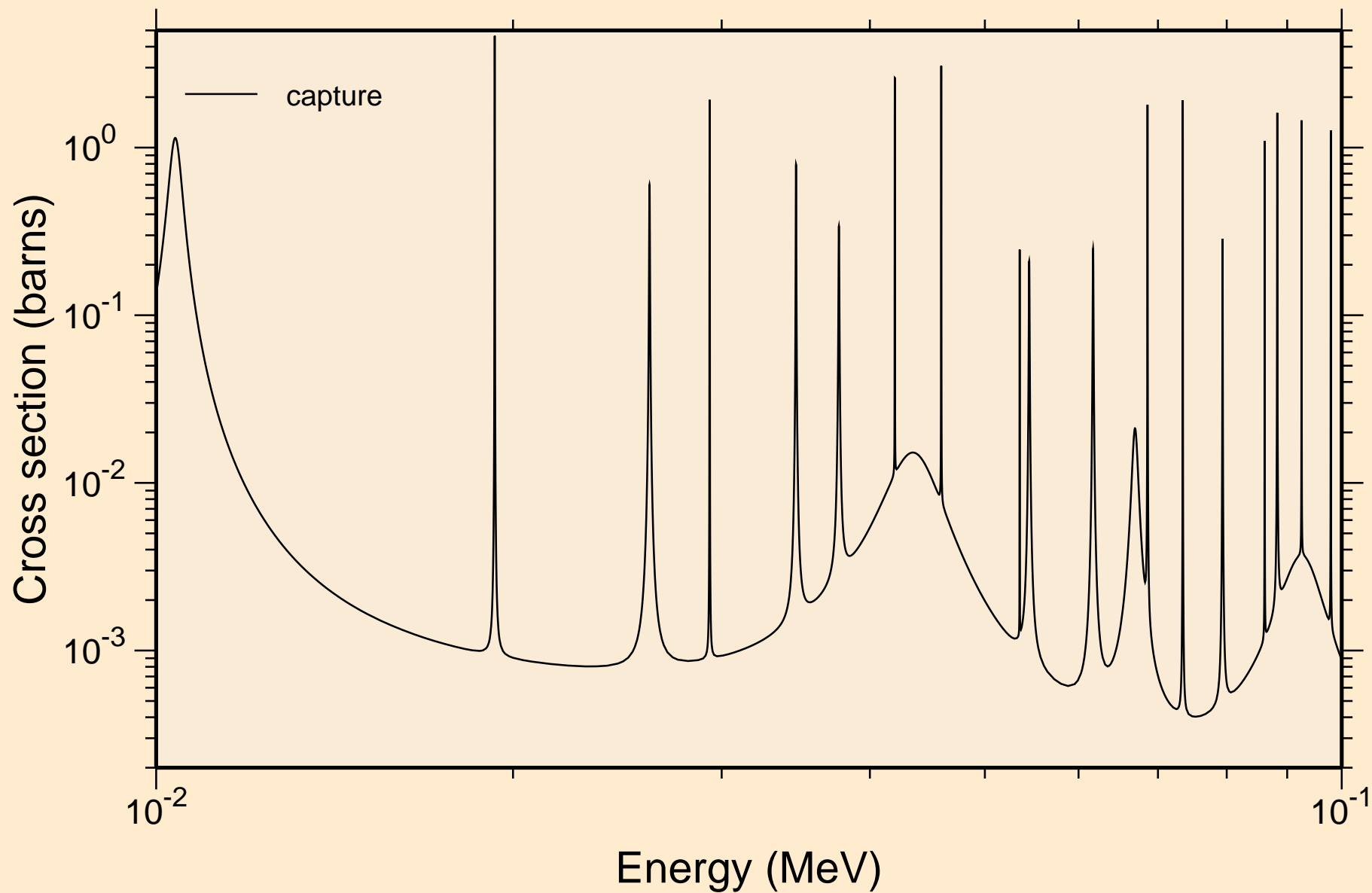


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

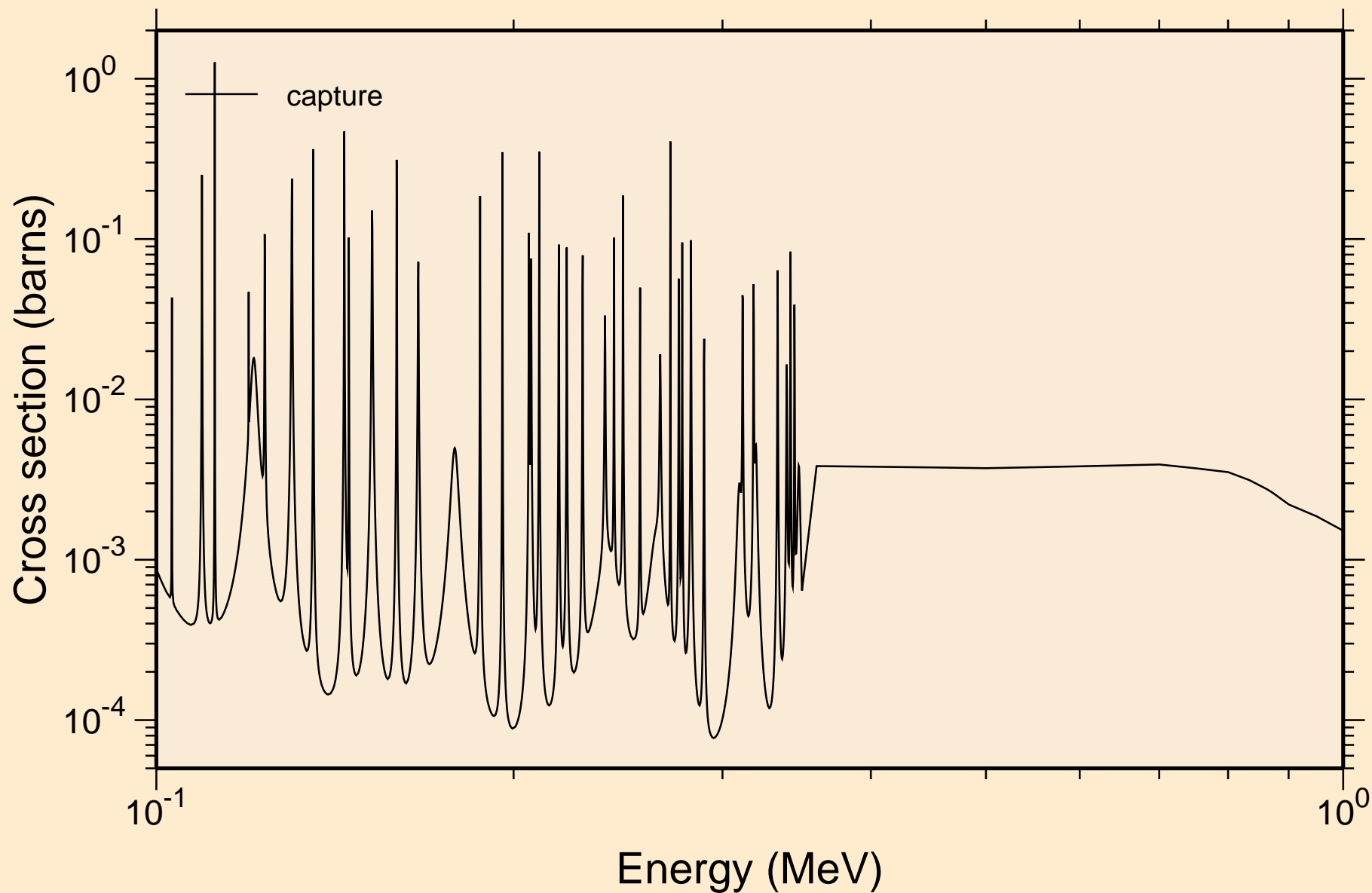




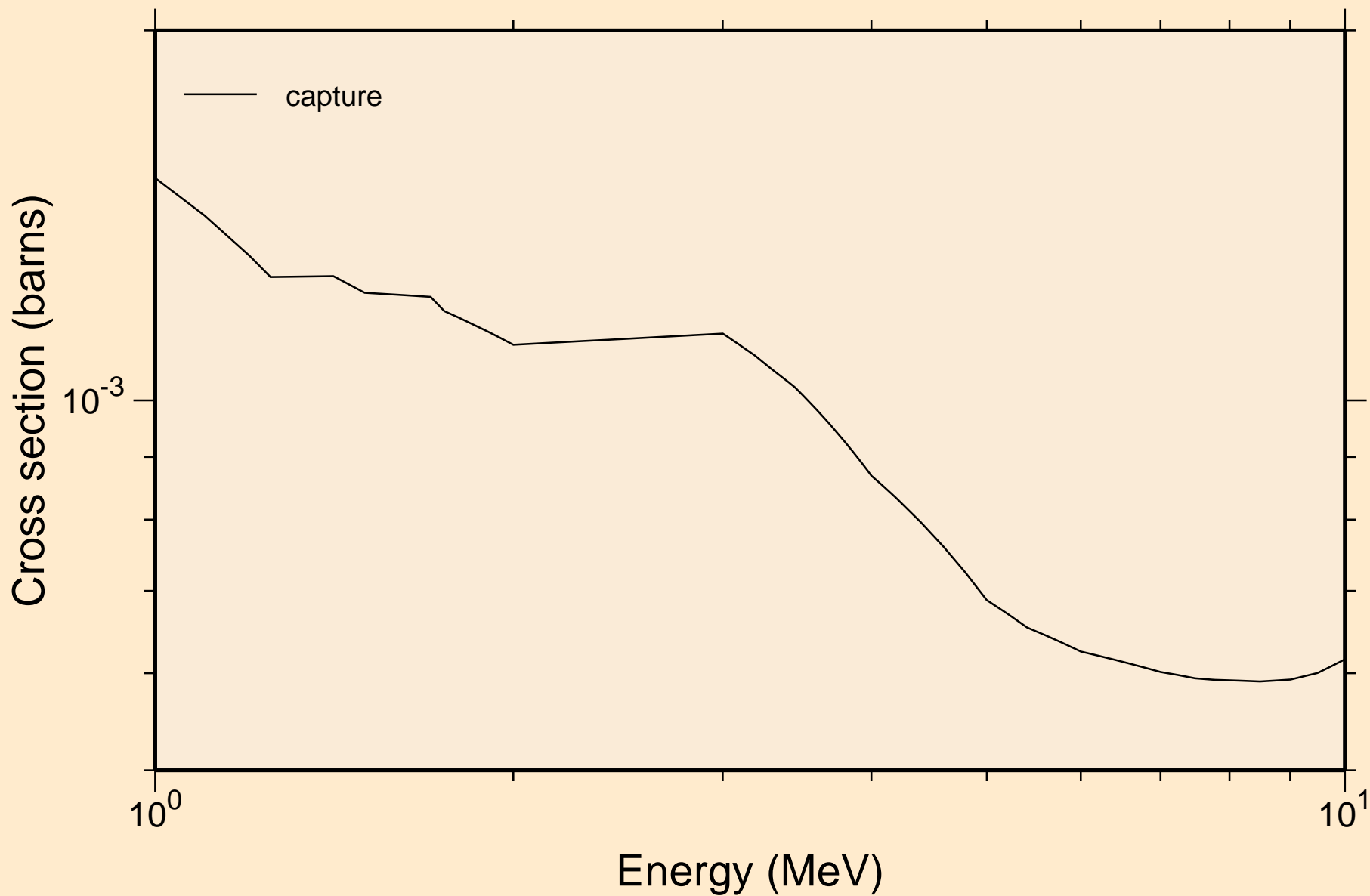
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



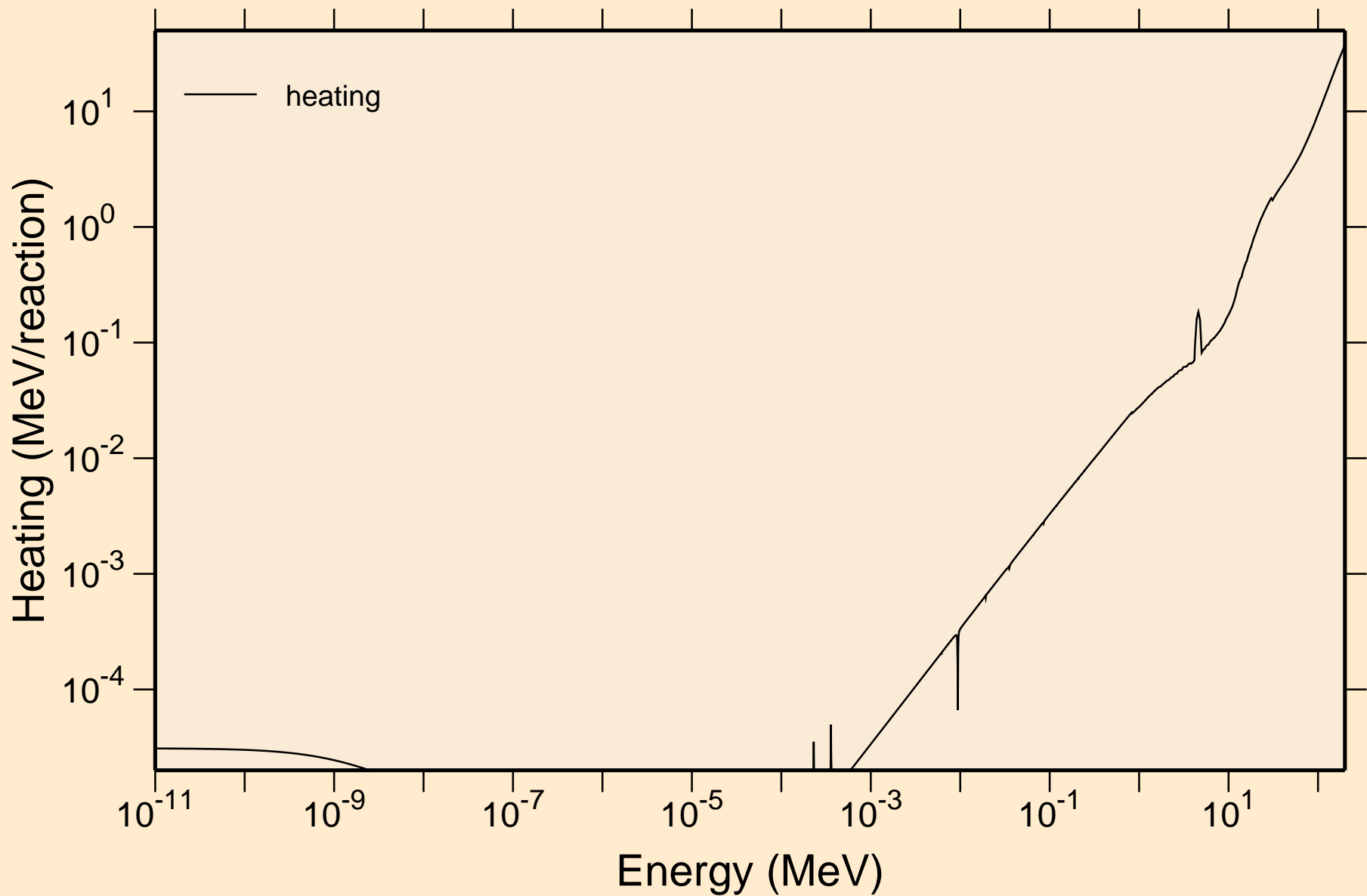
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



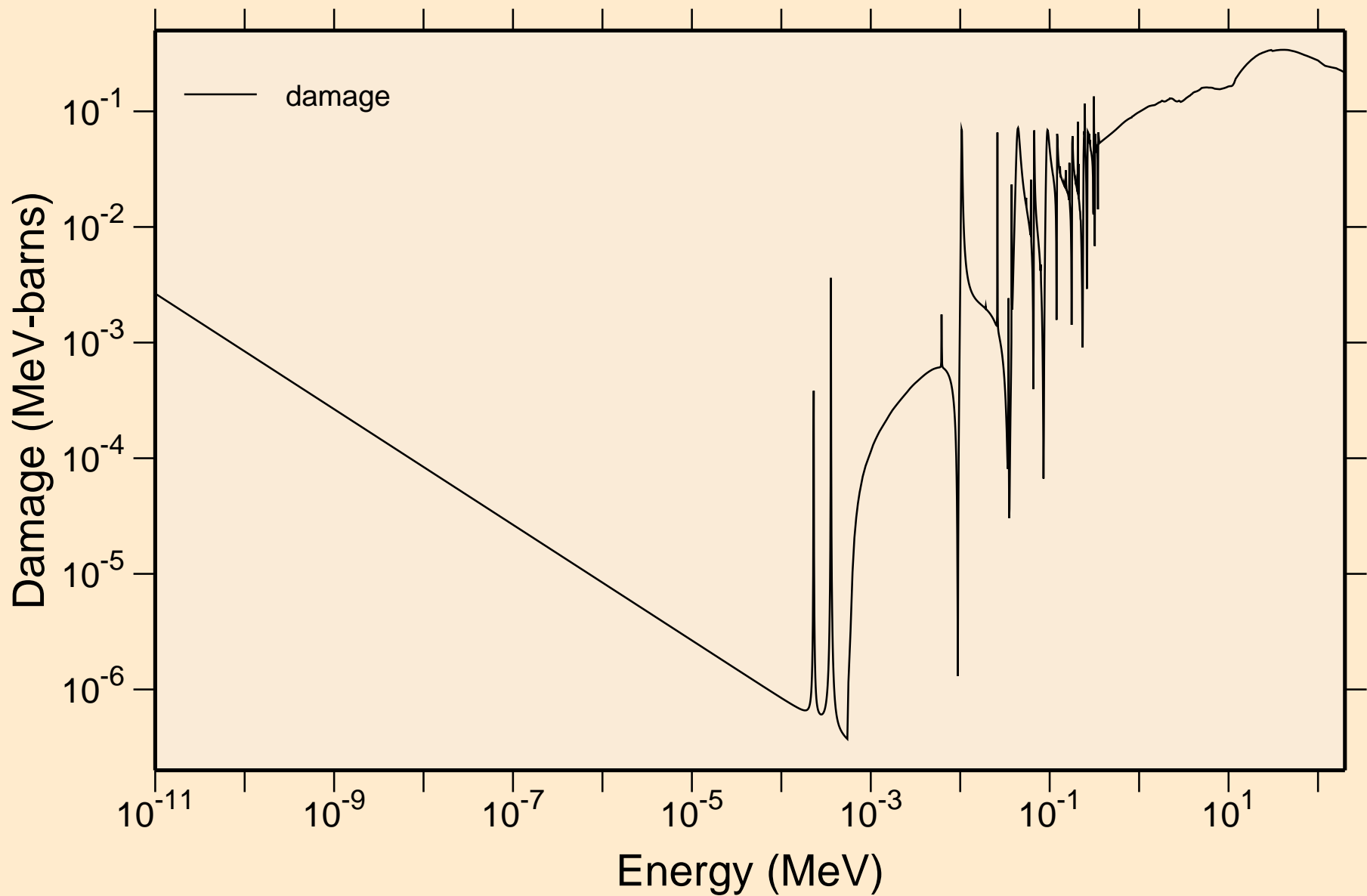
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



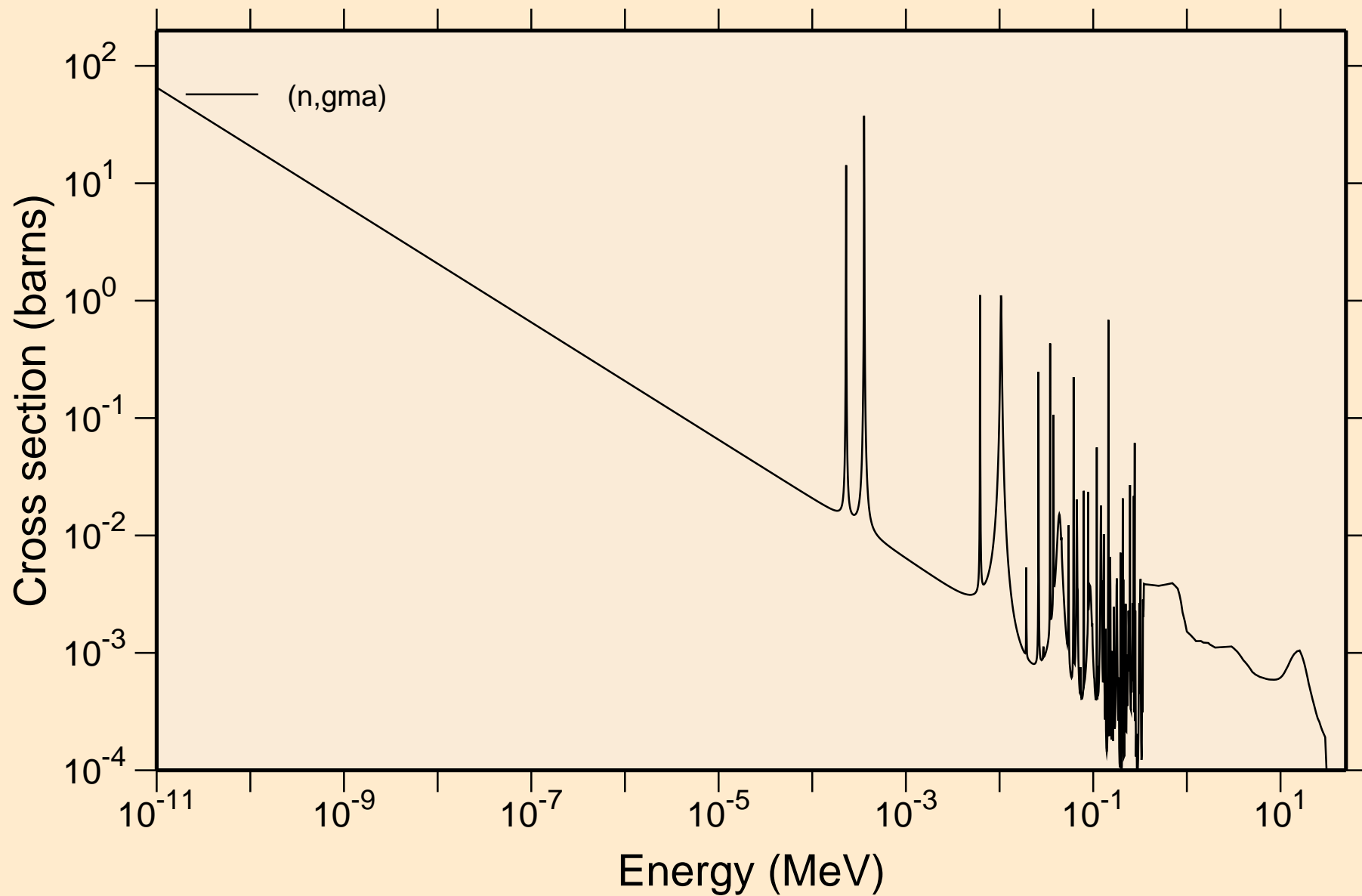
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



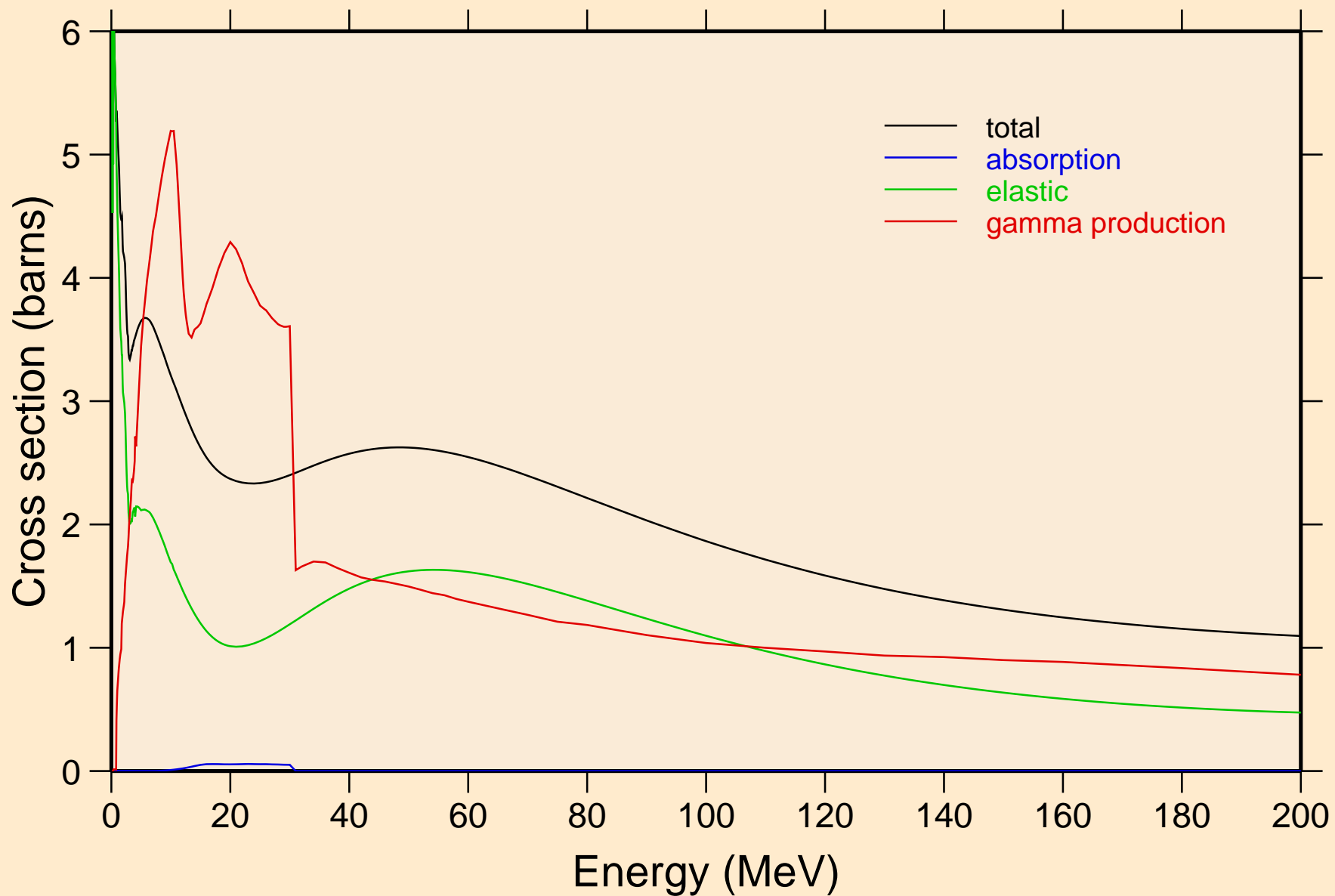
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



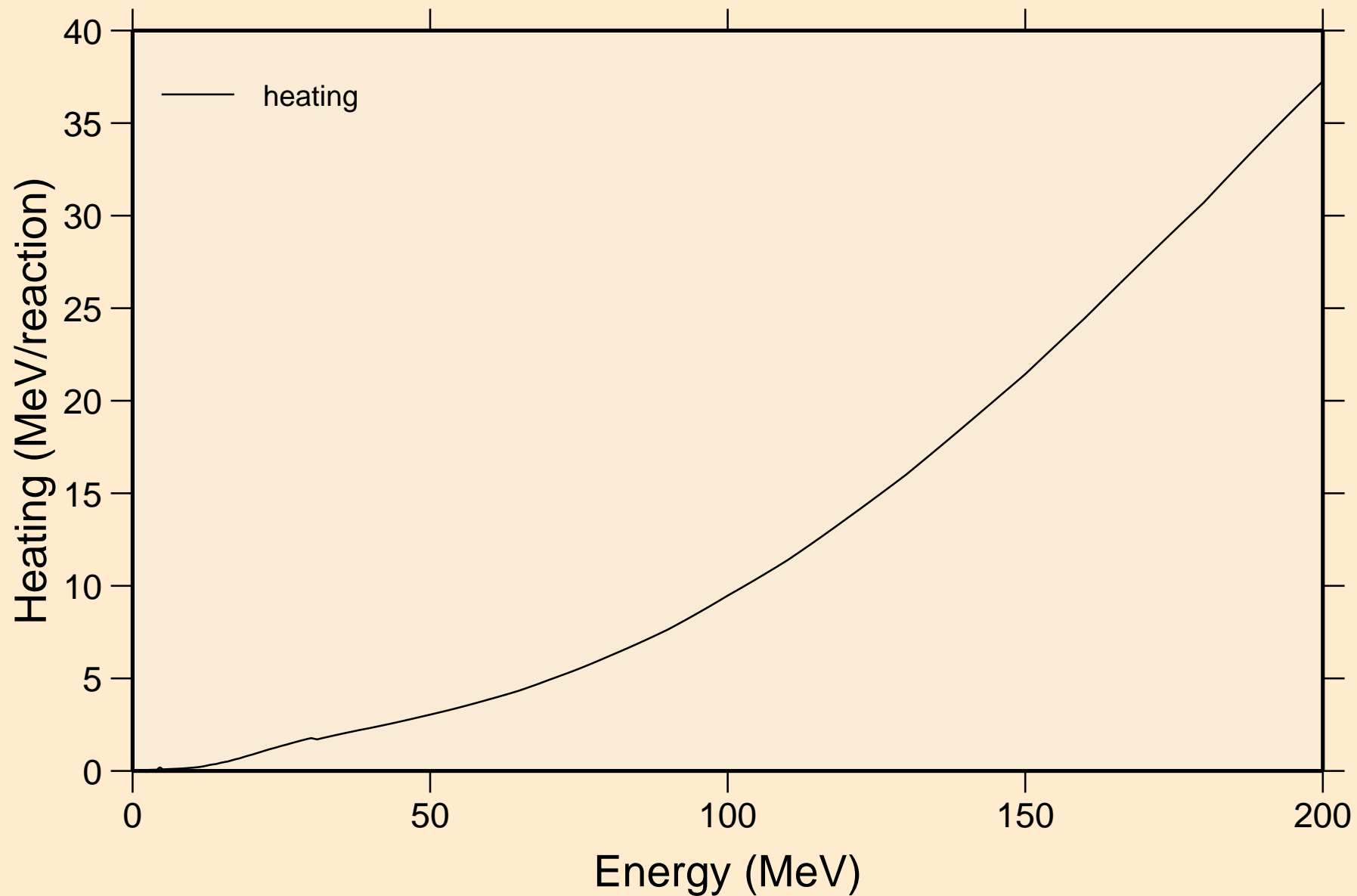
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections

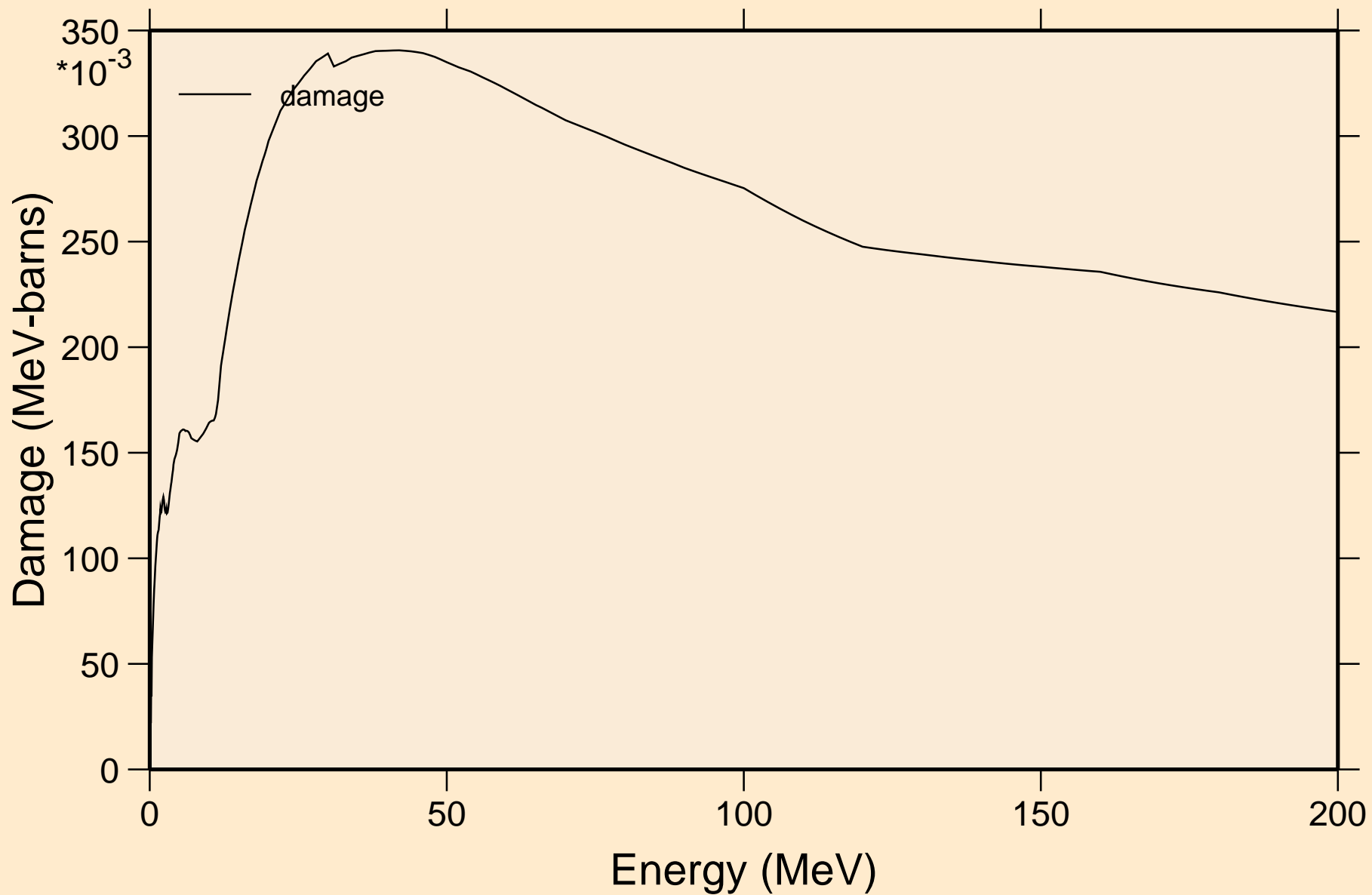


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

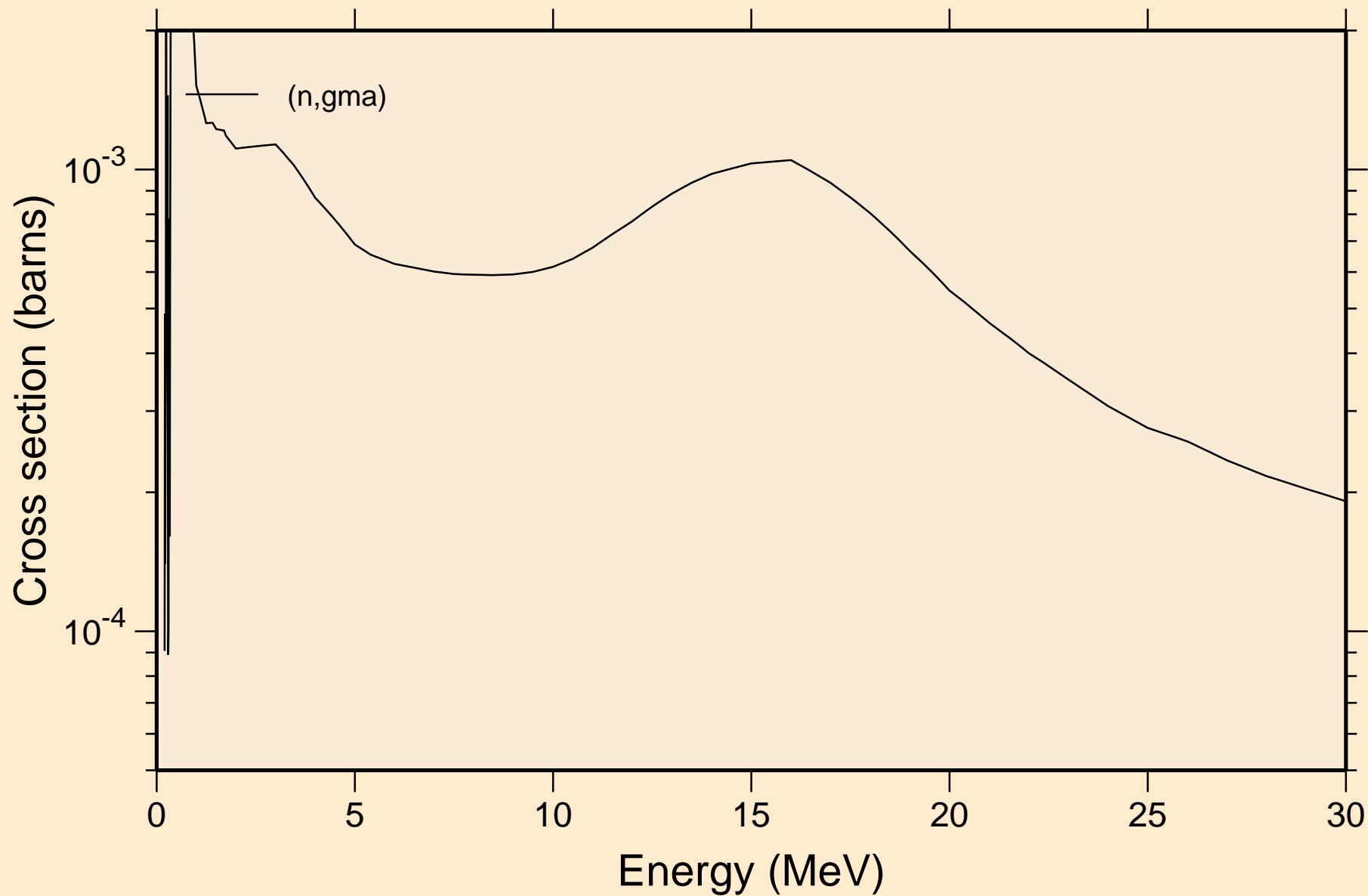




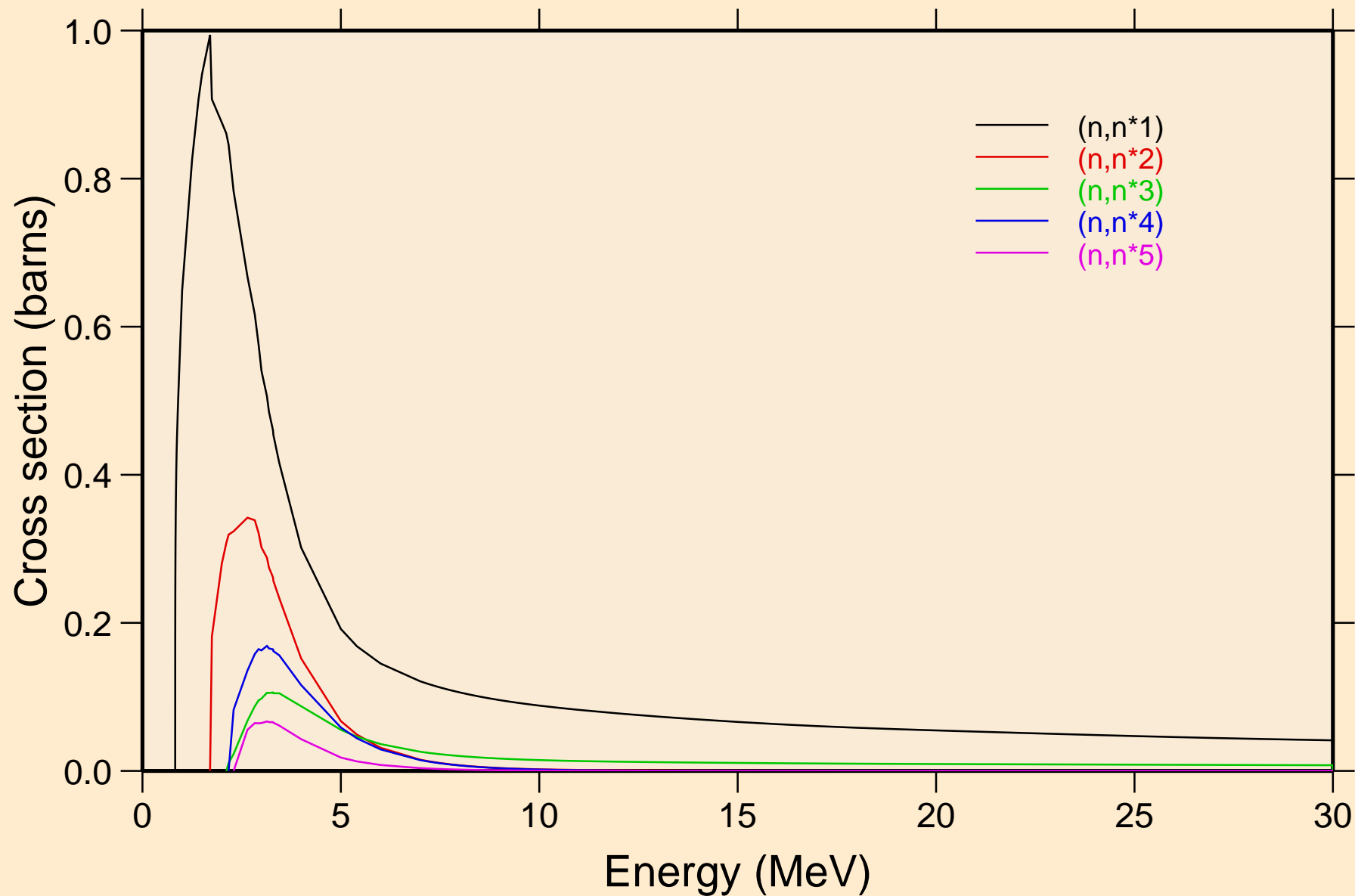
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



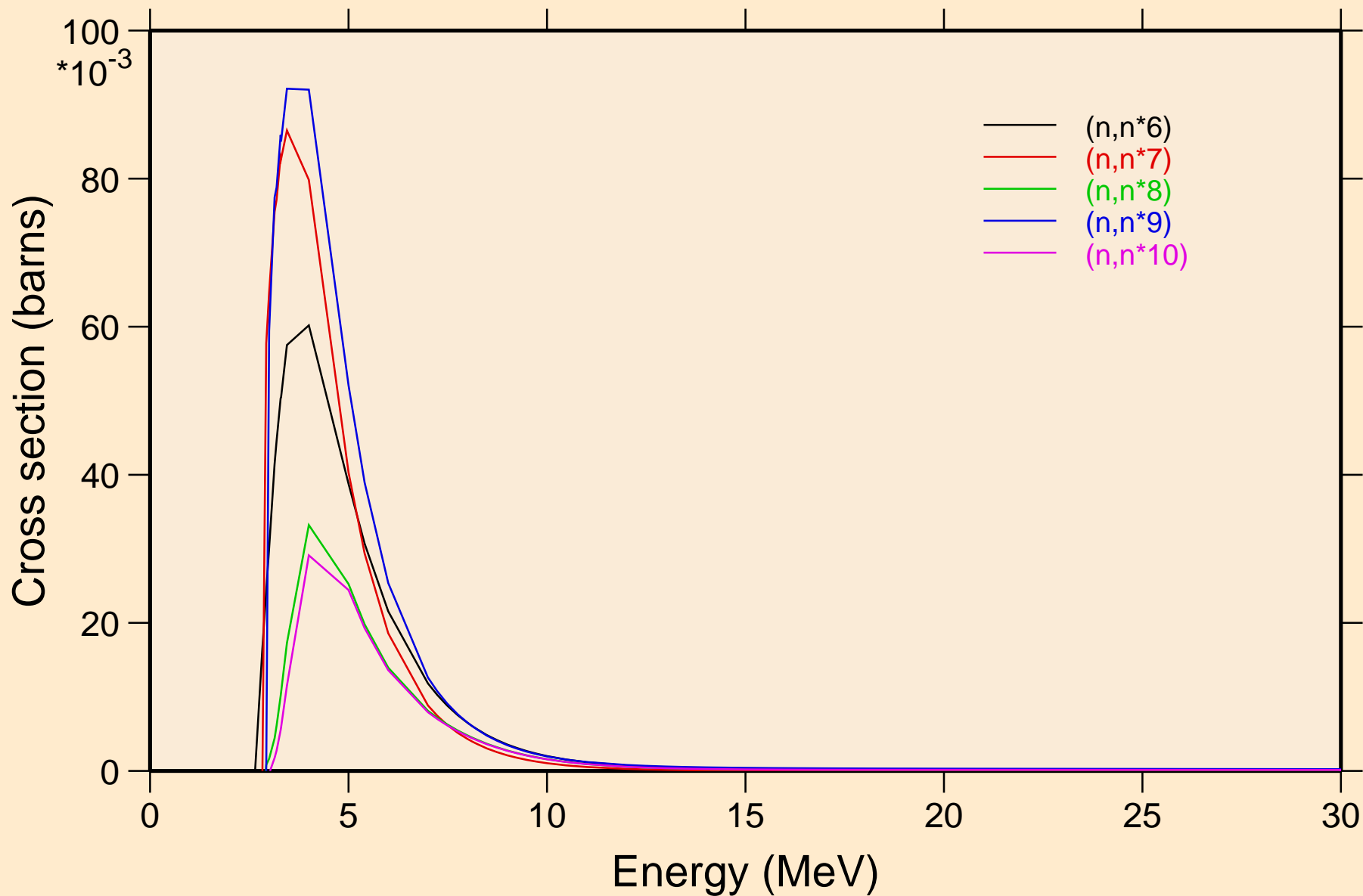
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



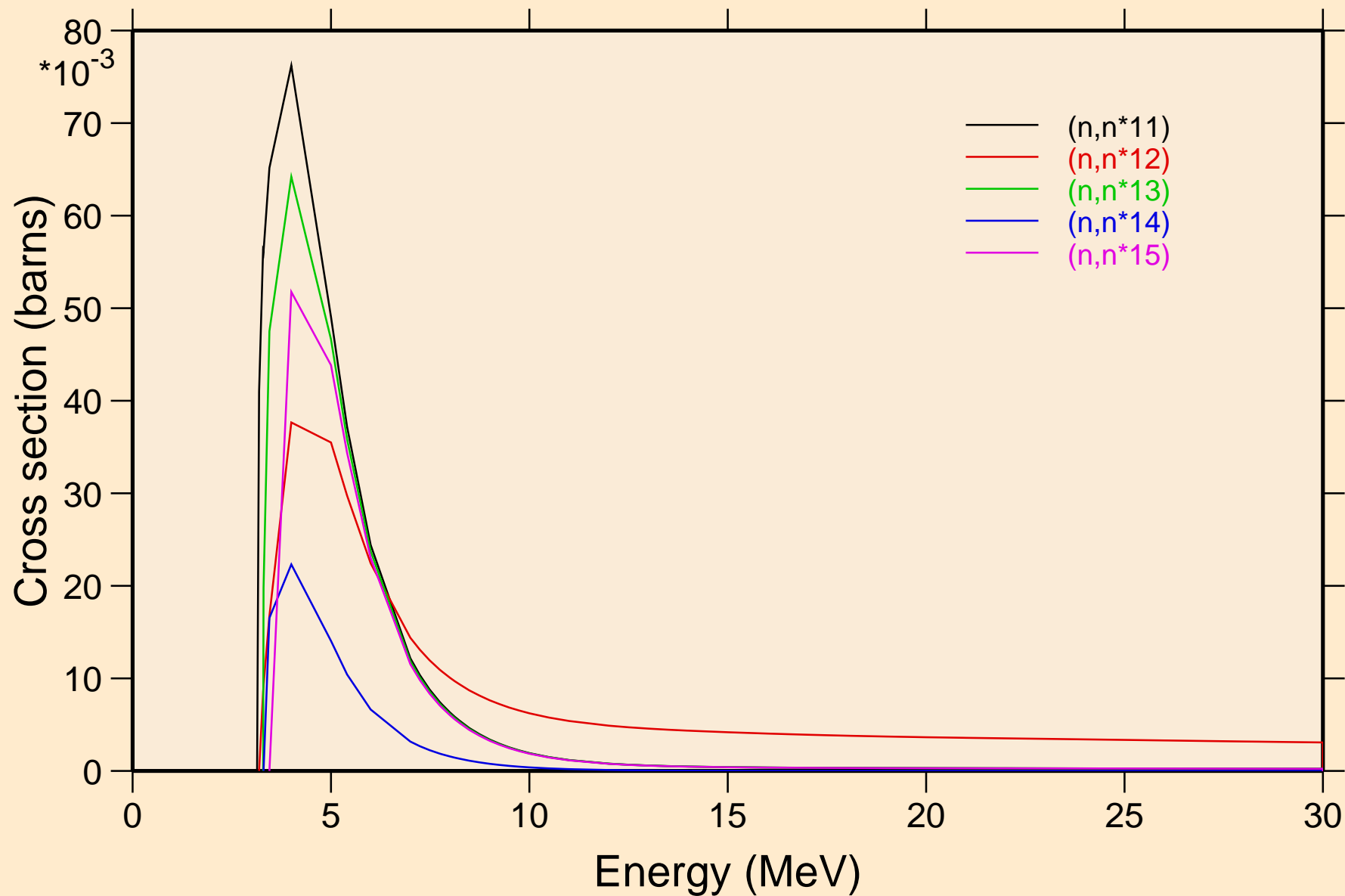
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



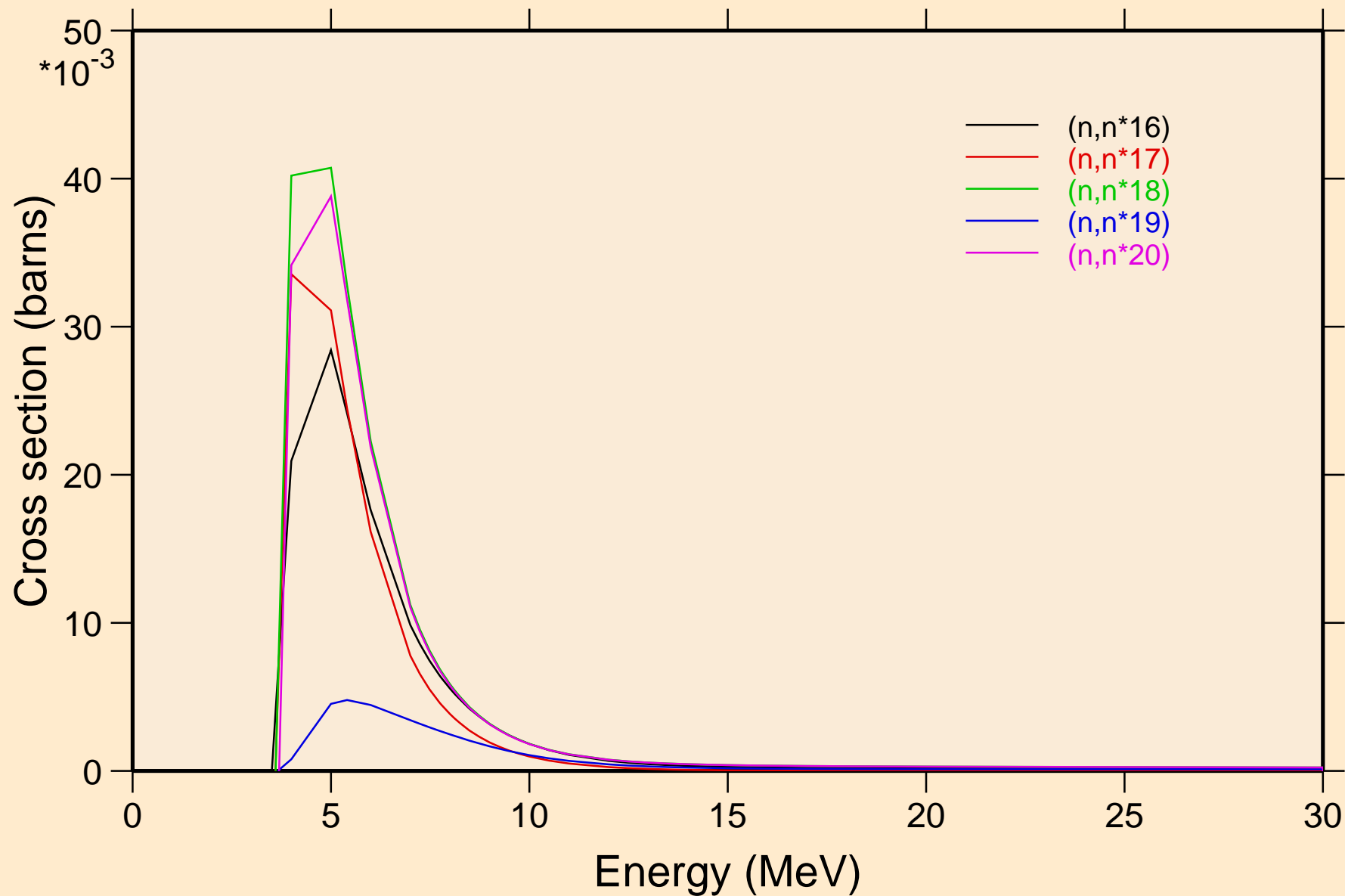
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



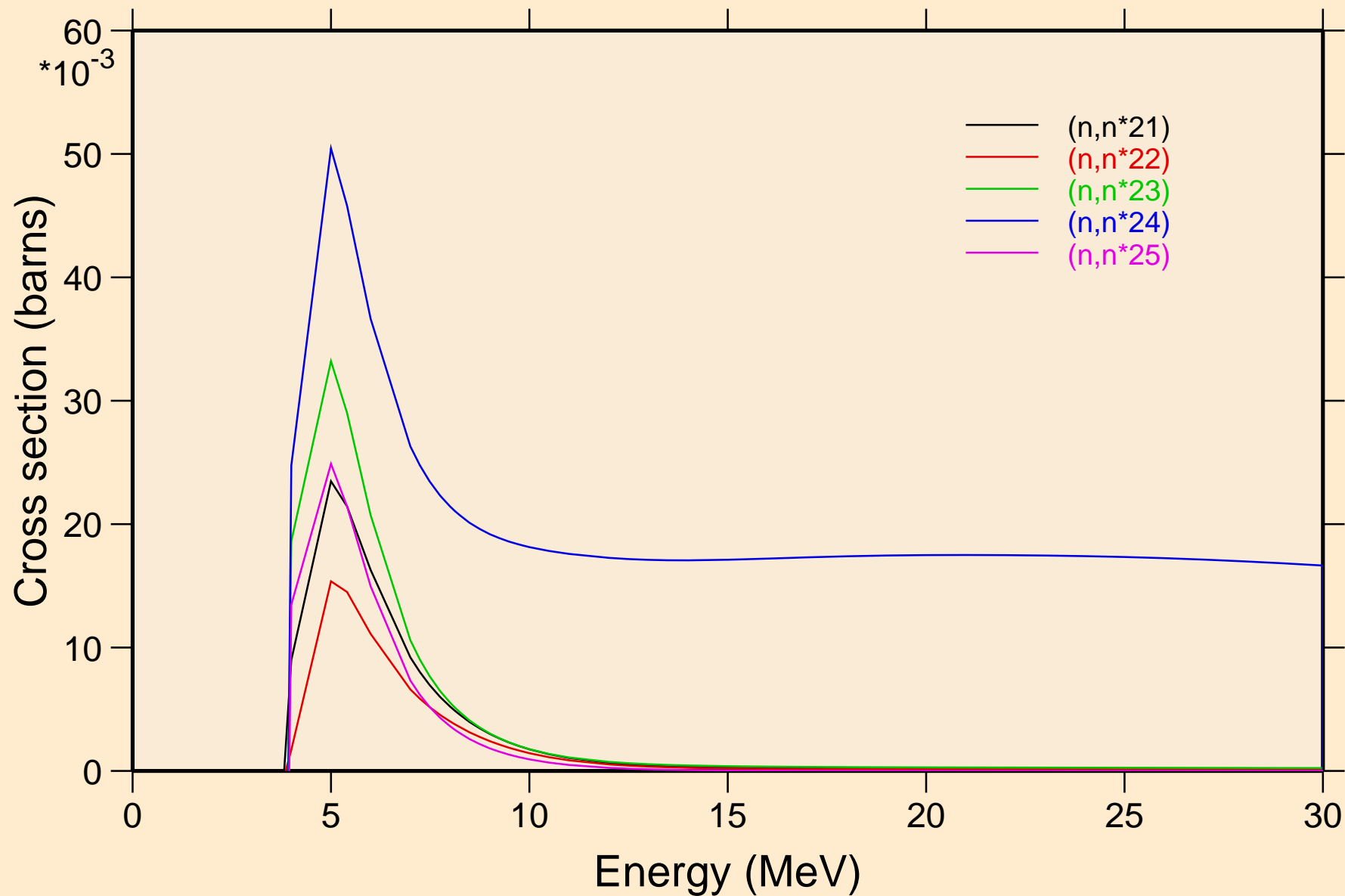
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



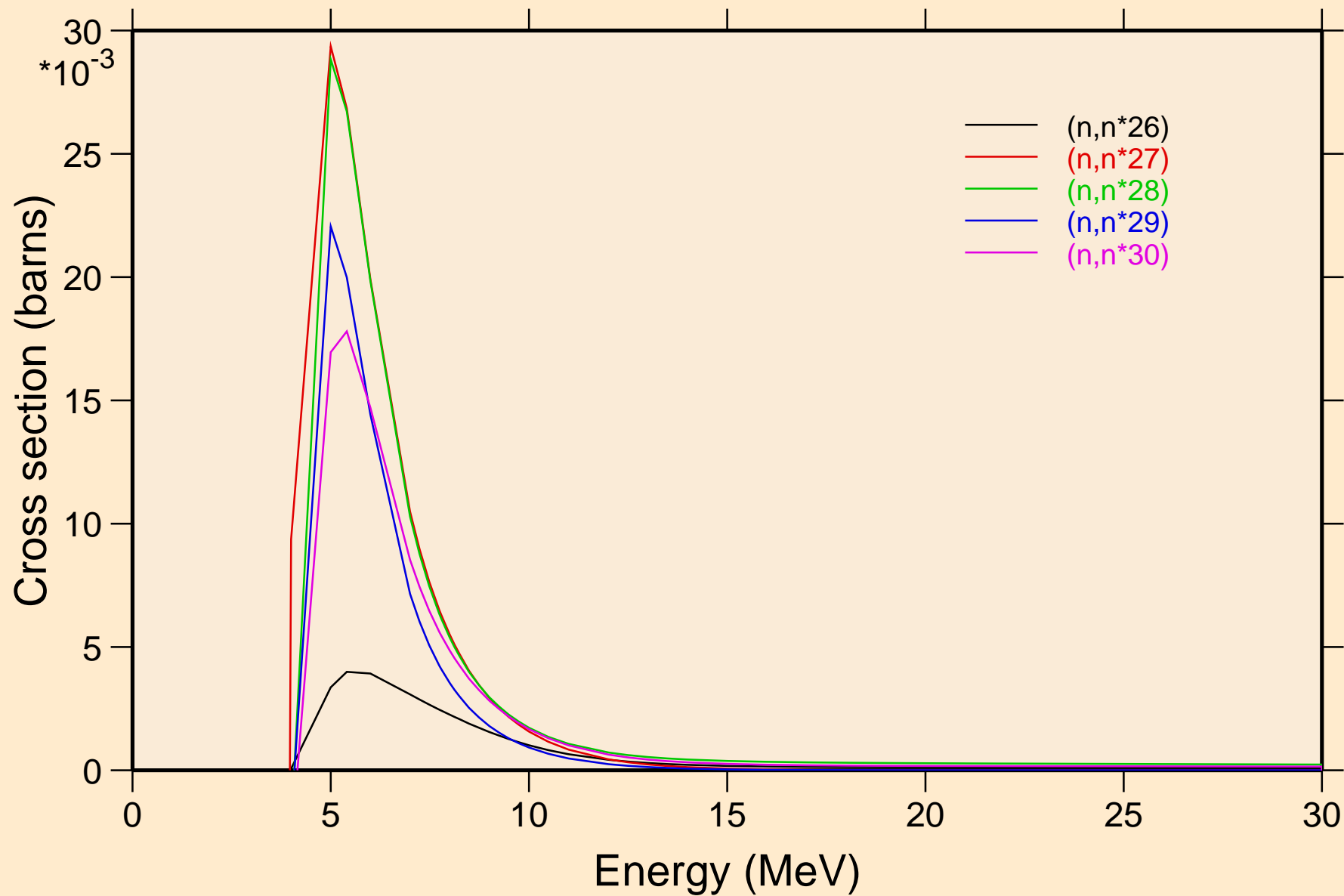
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

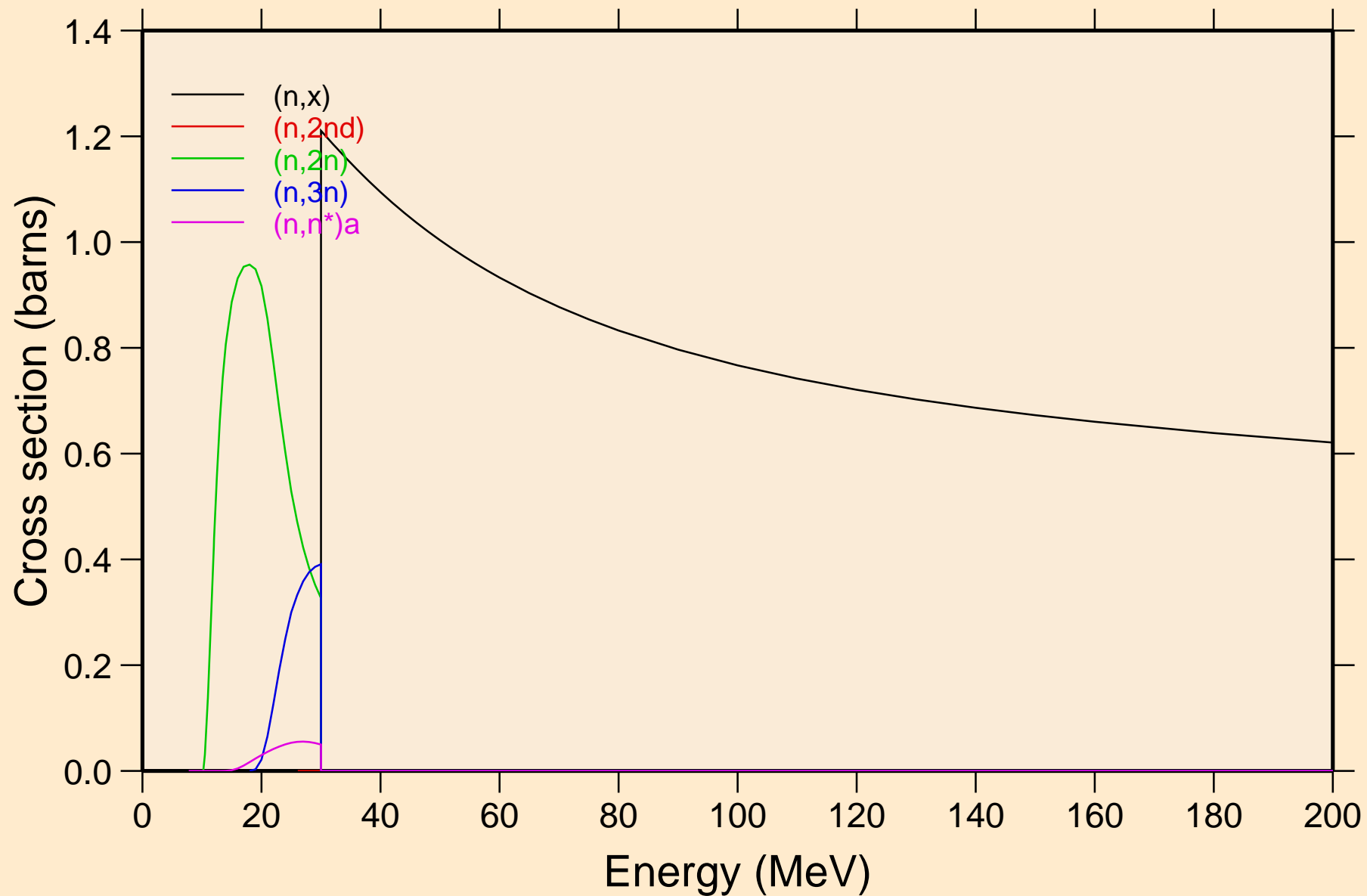


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

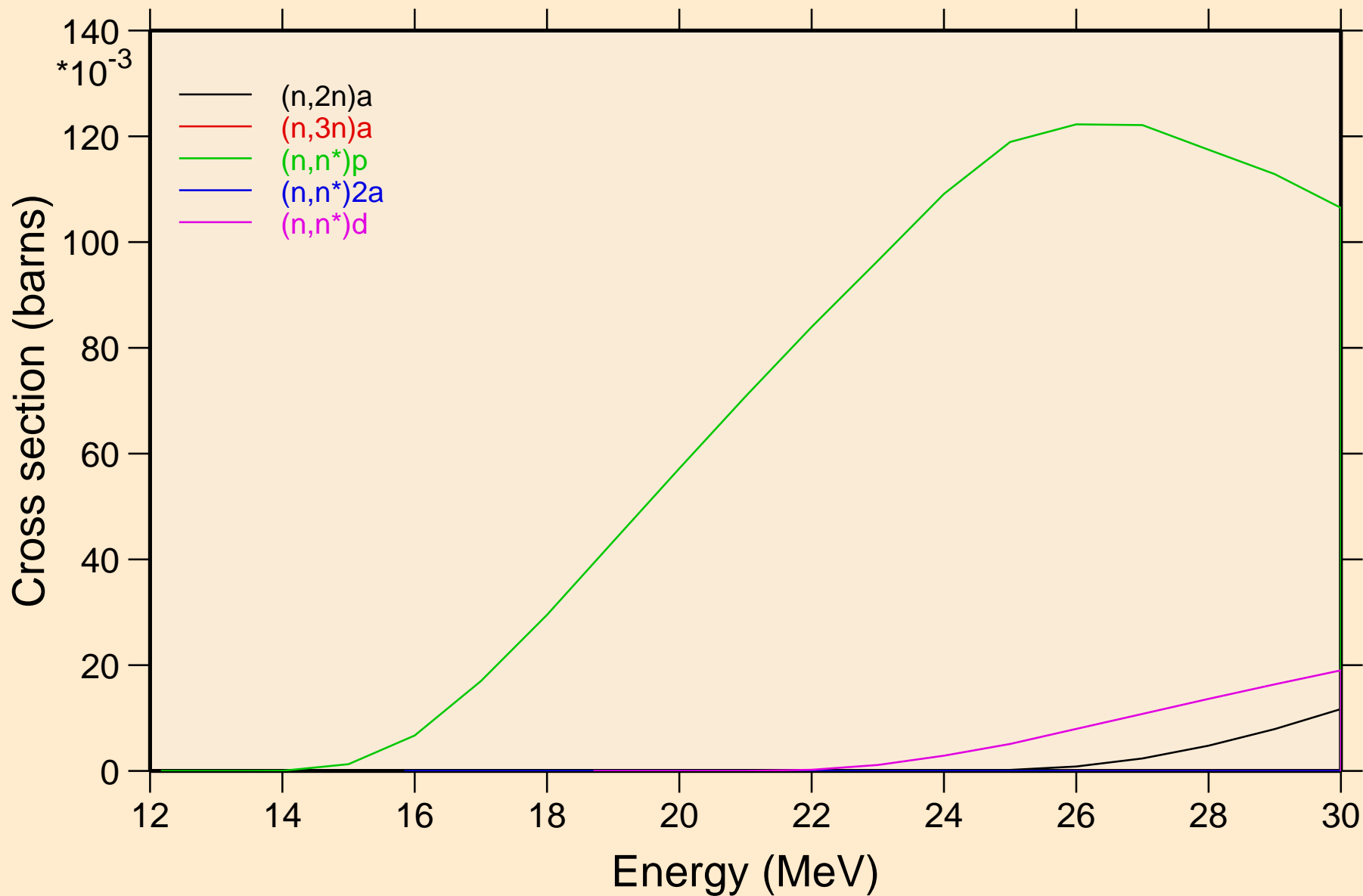




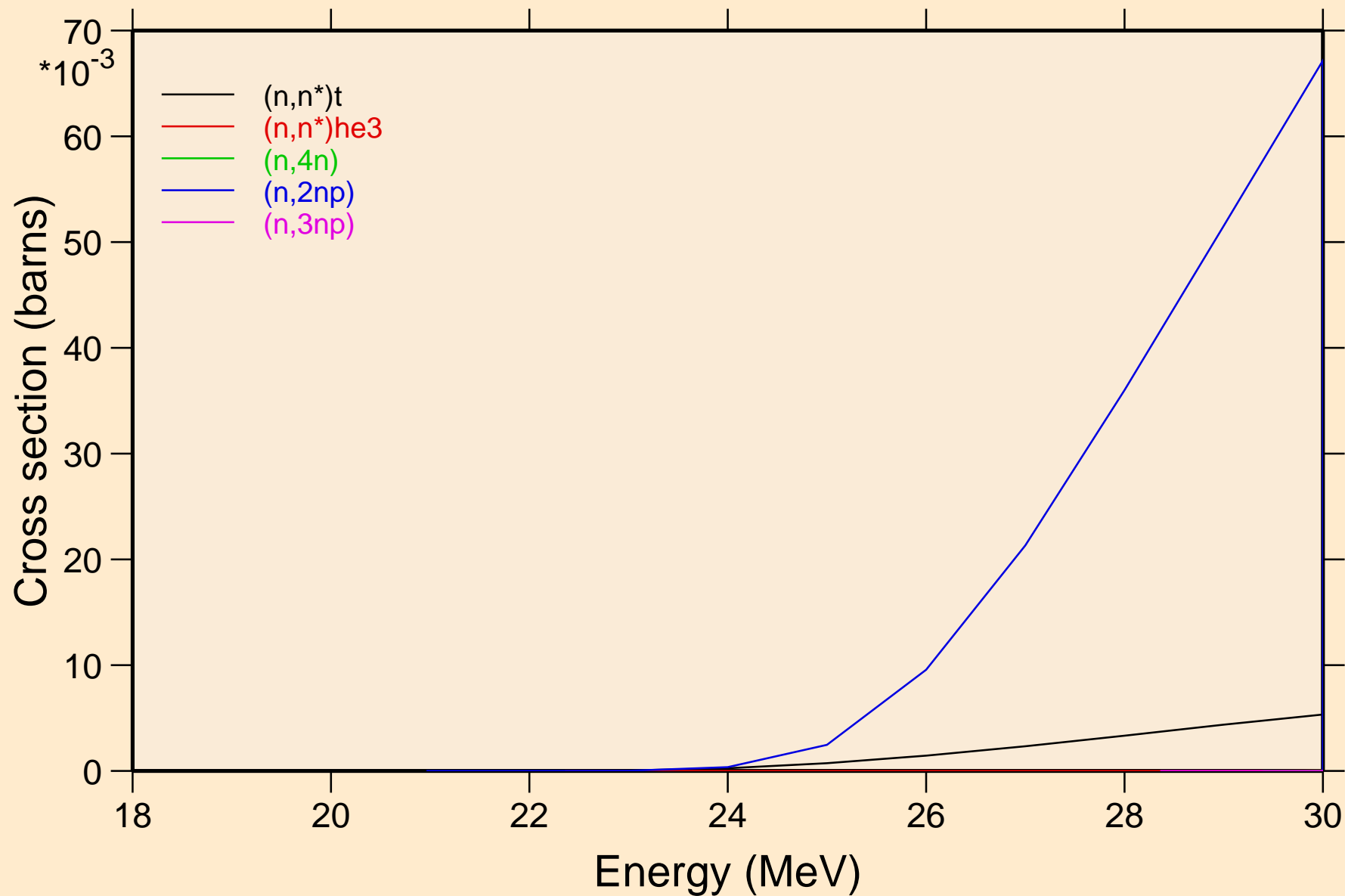
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



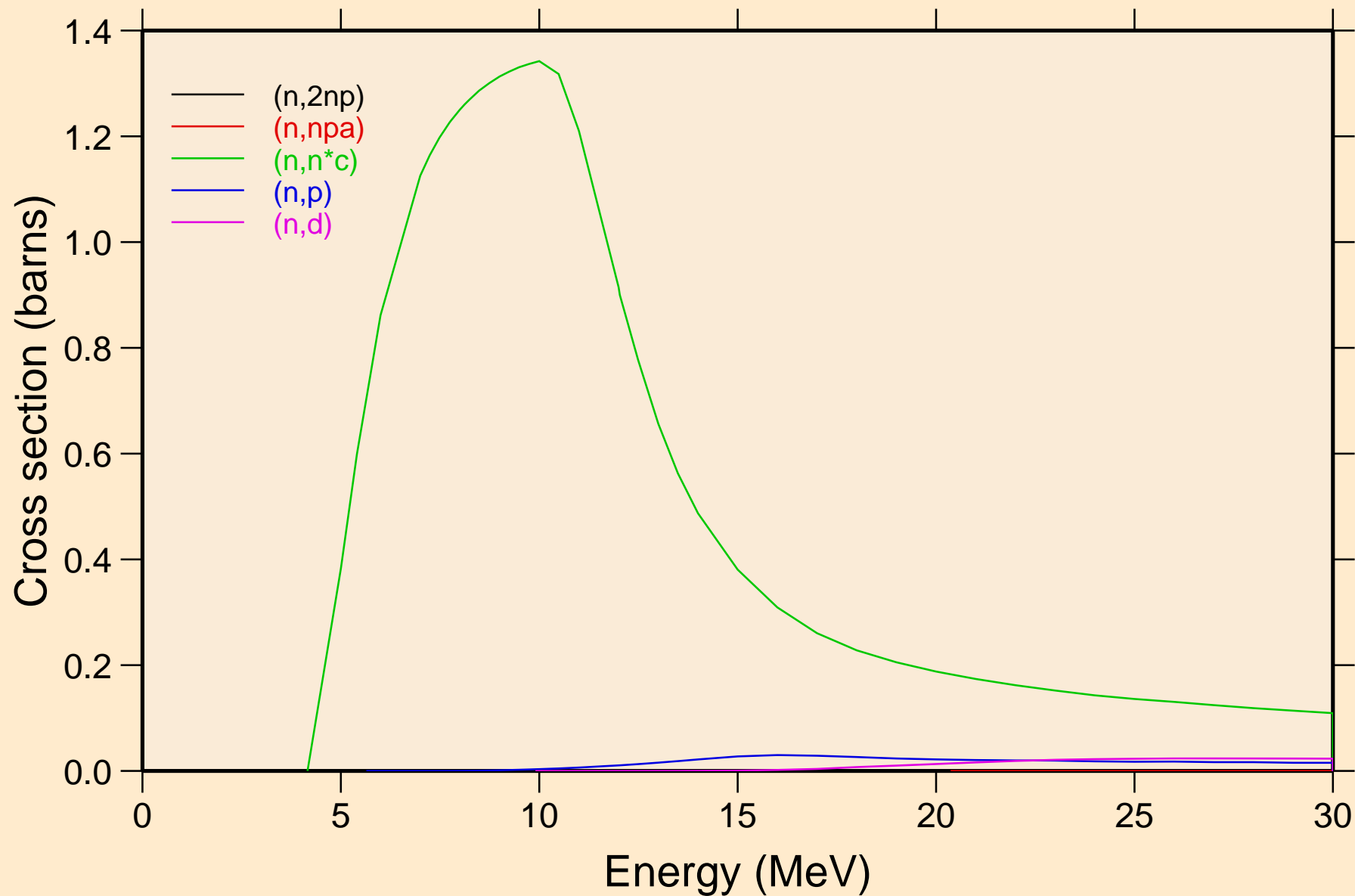
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



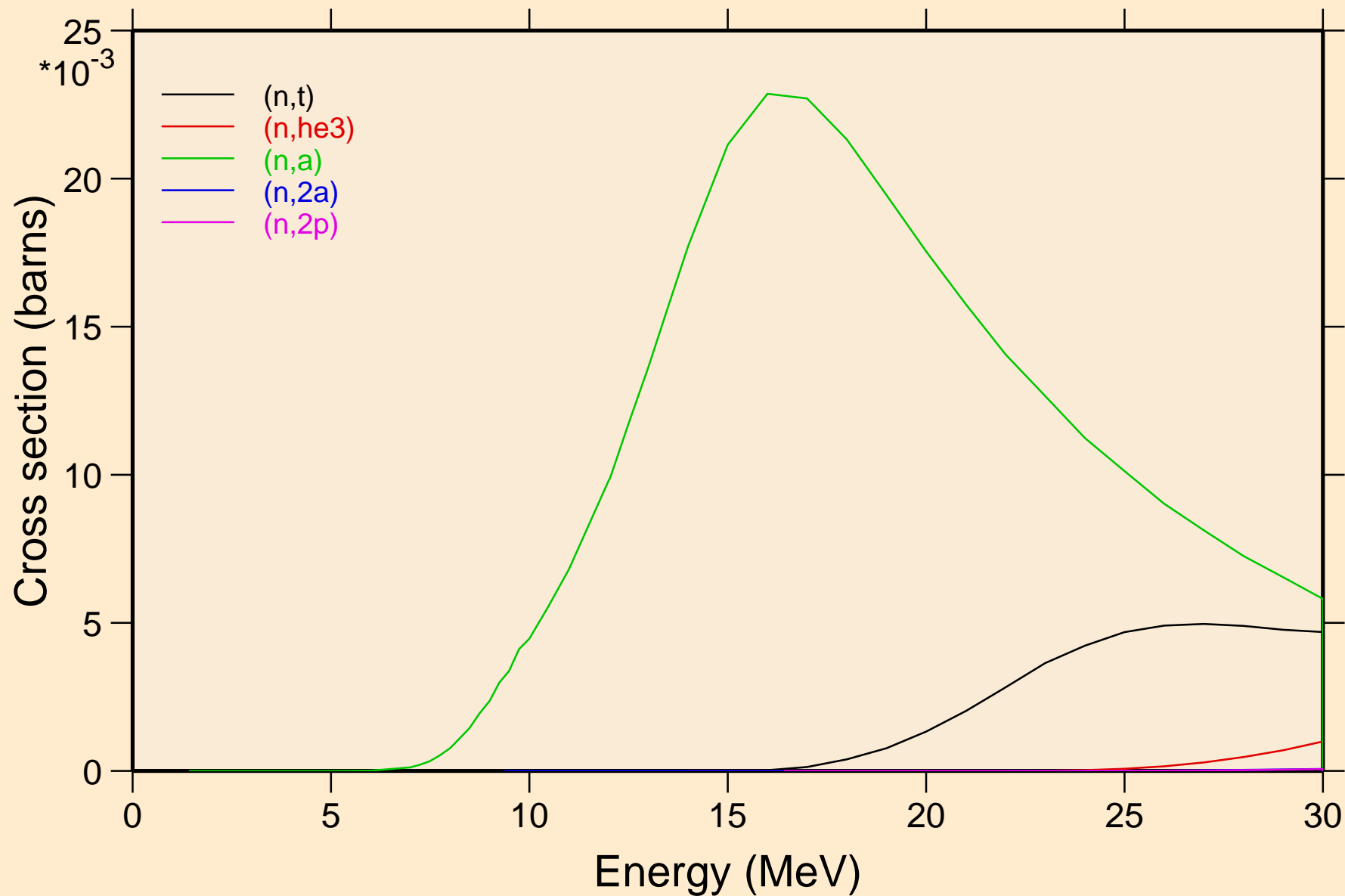
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

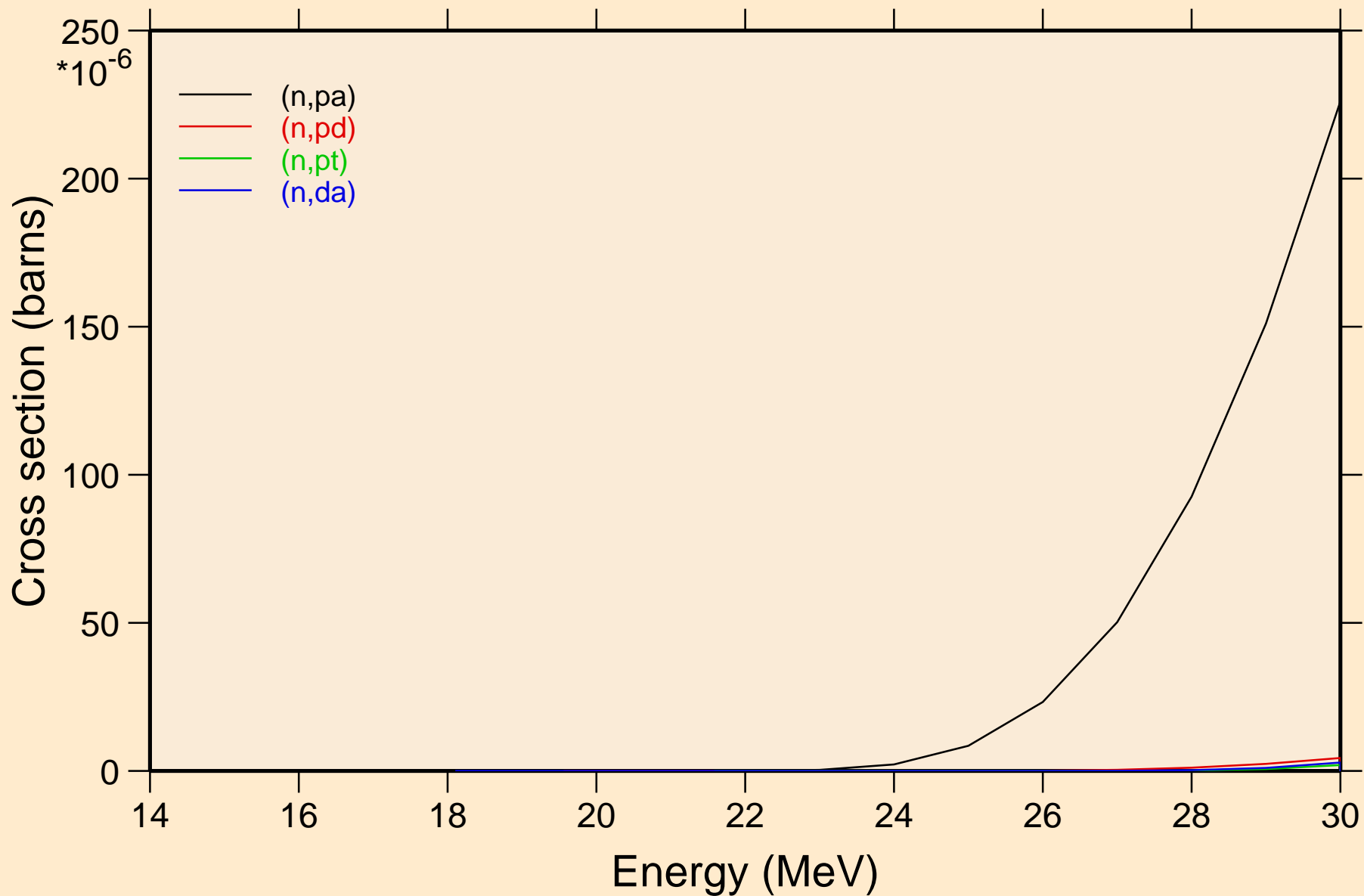


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



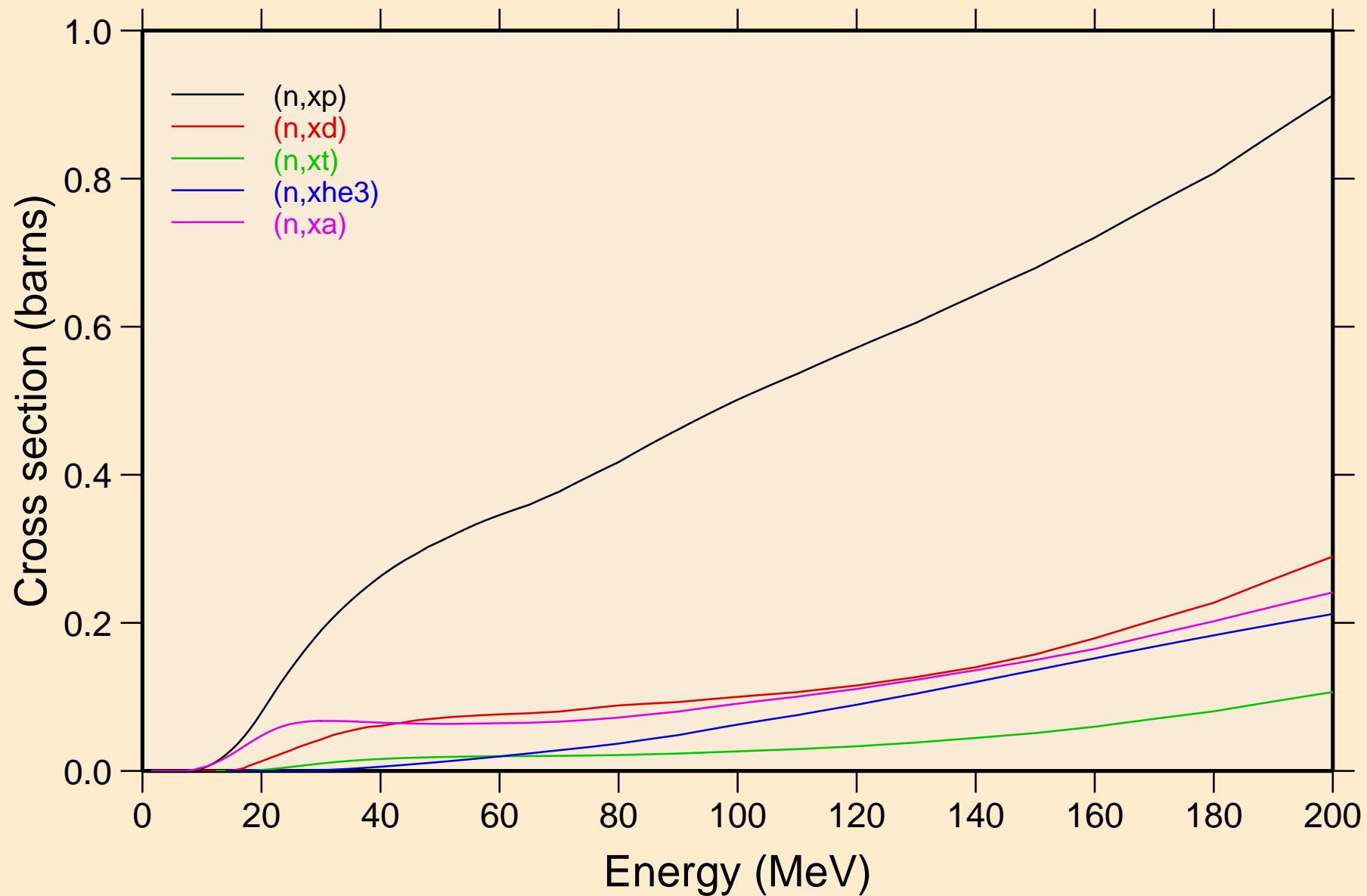
# FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

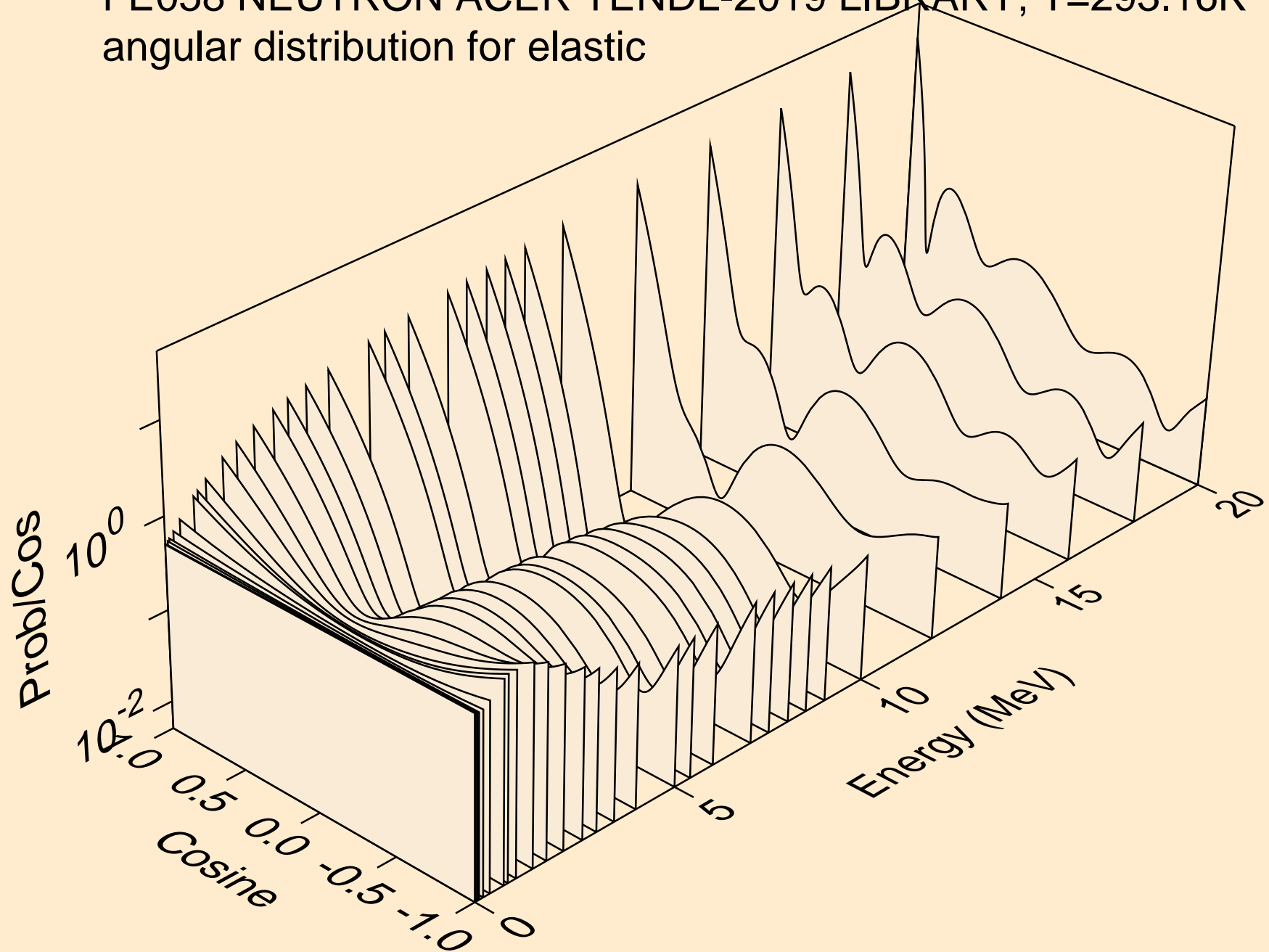


# FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

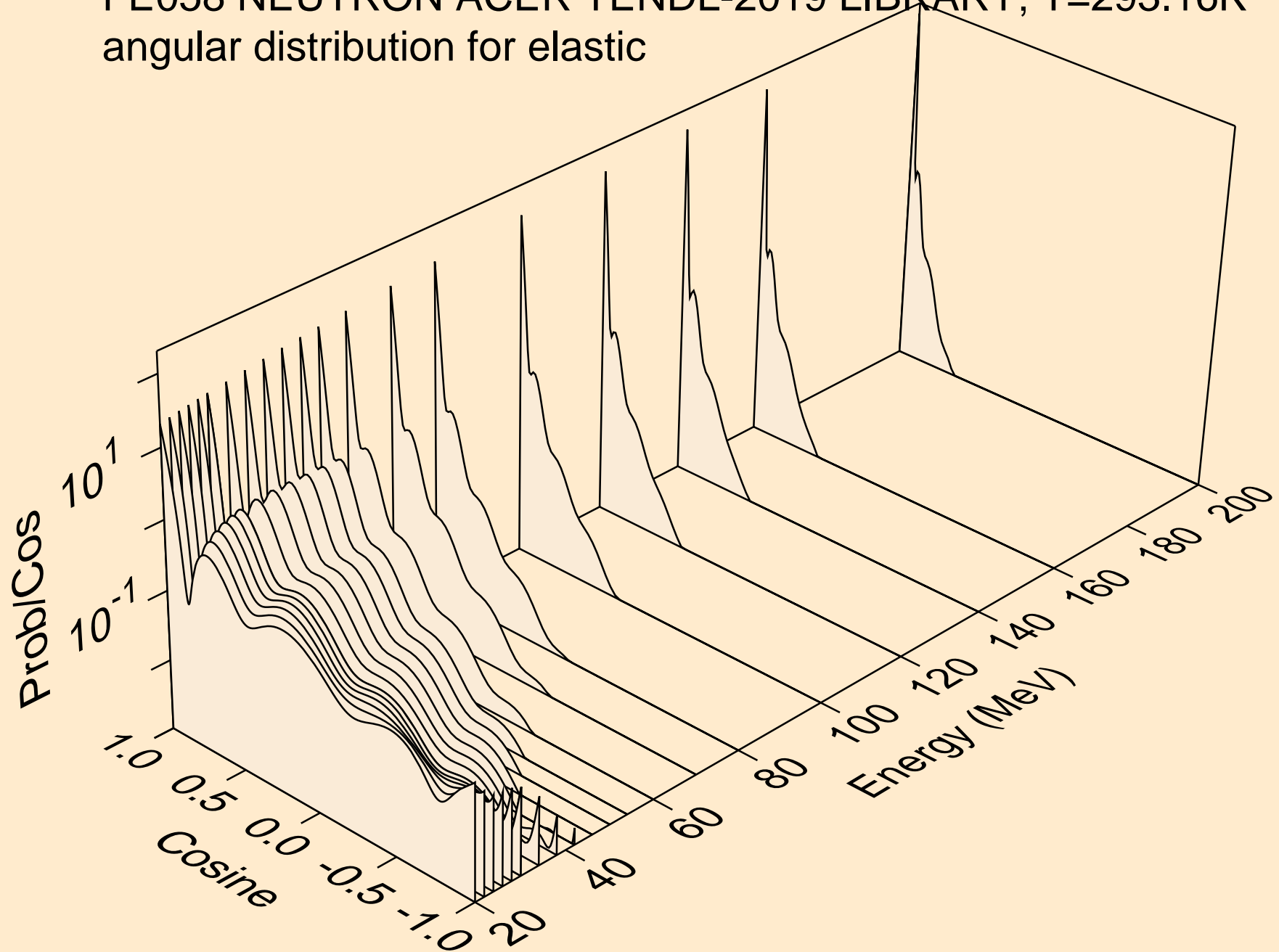


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

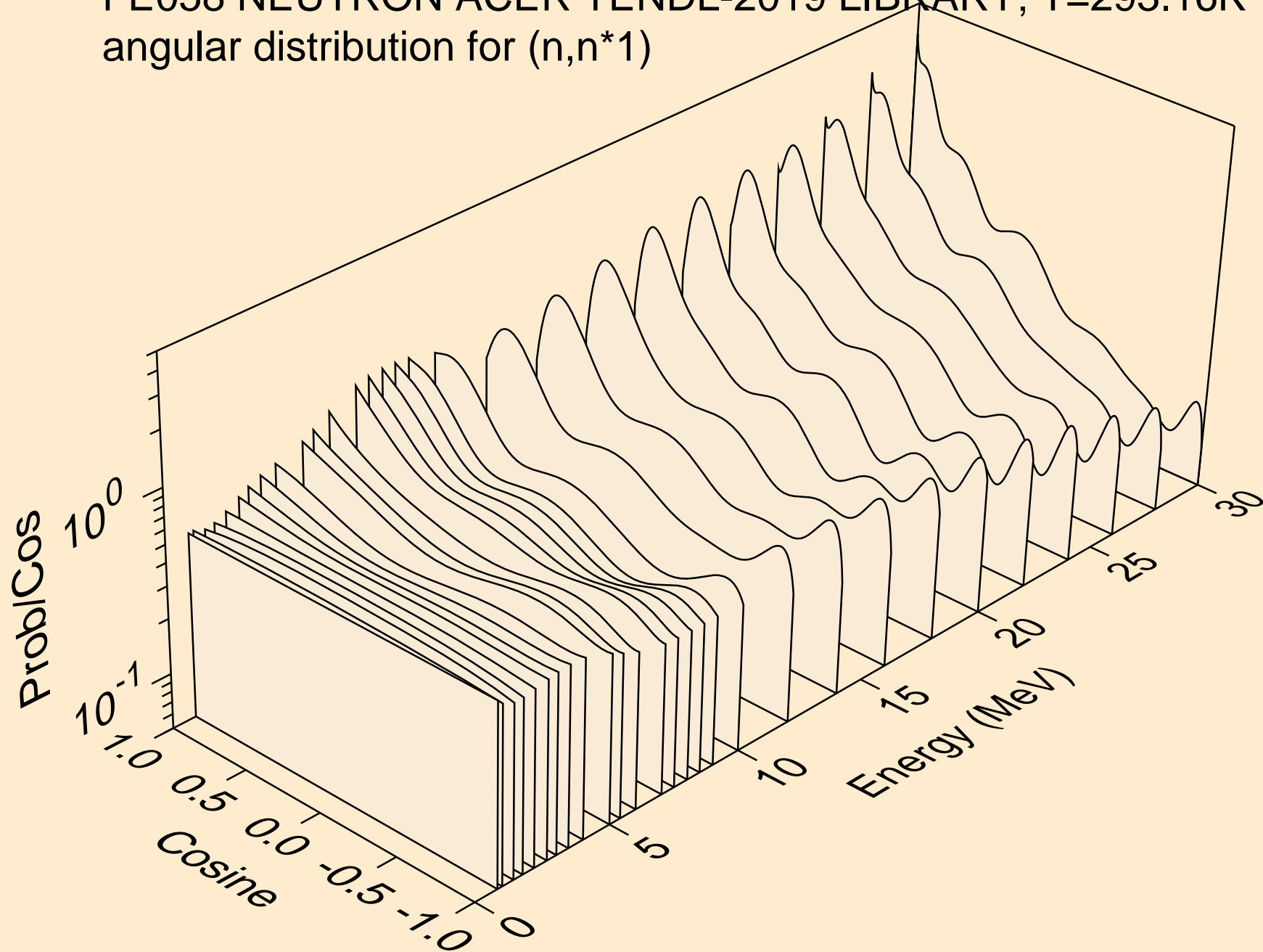




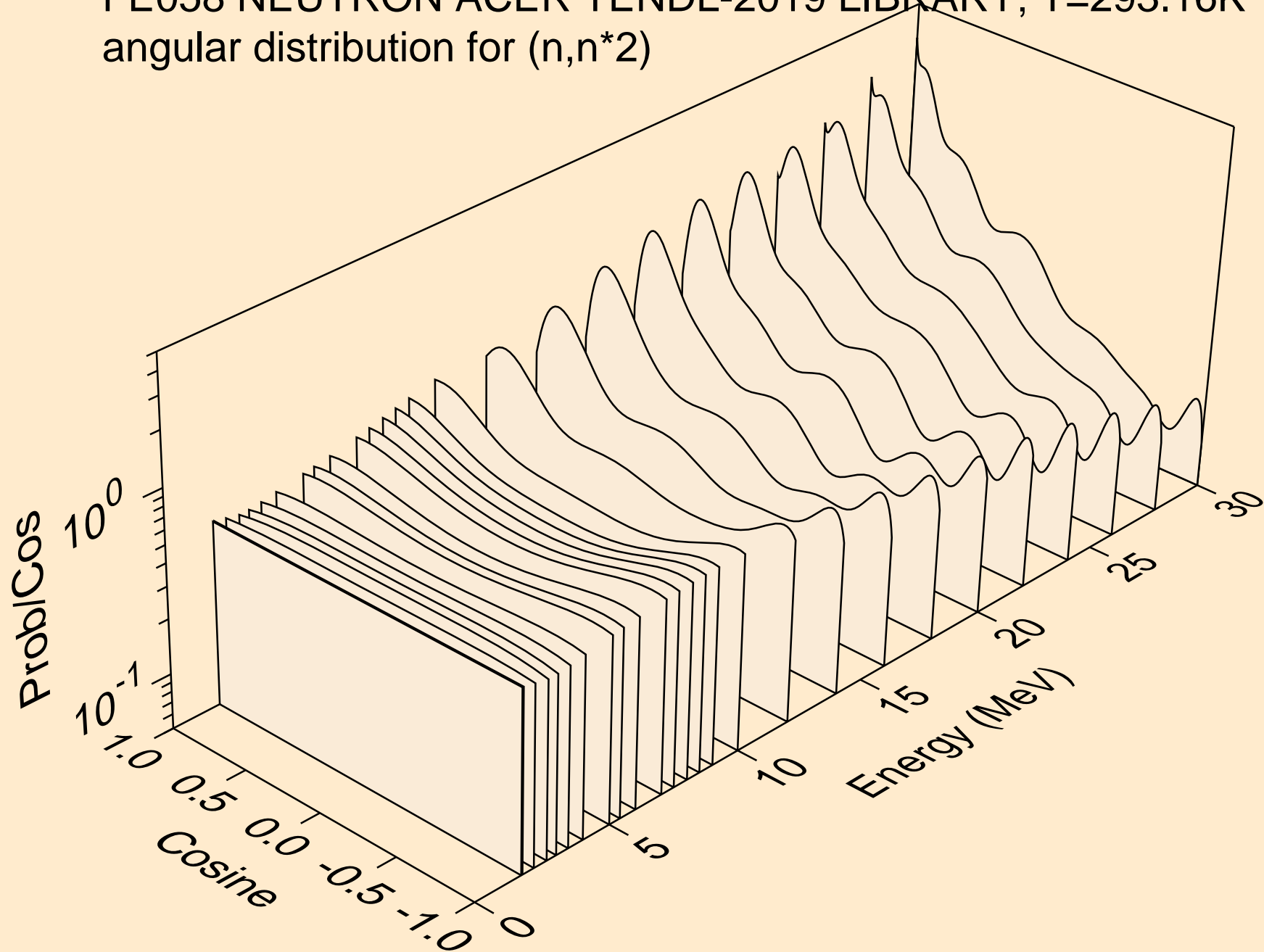
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



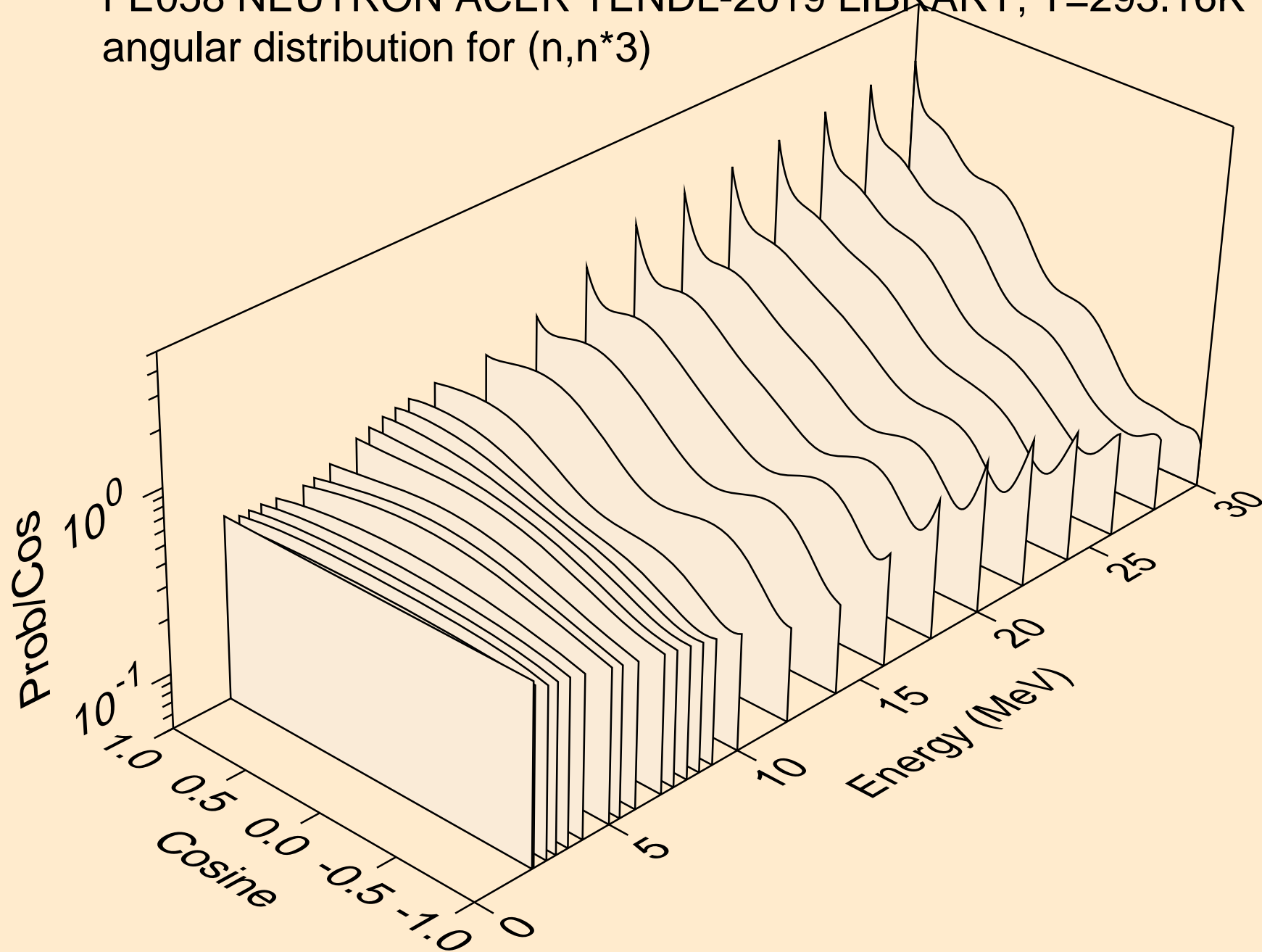
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



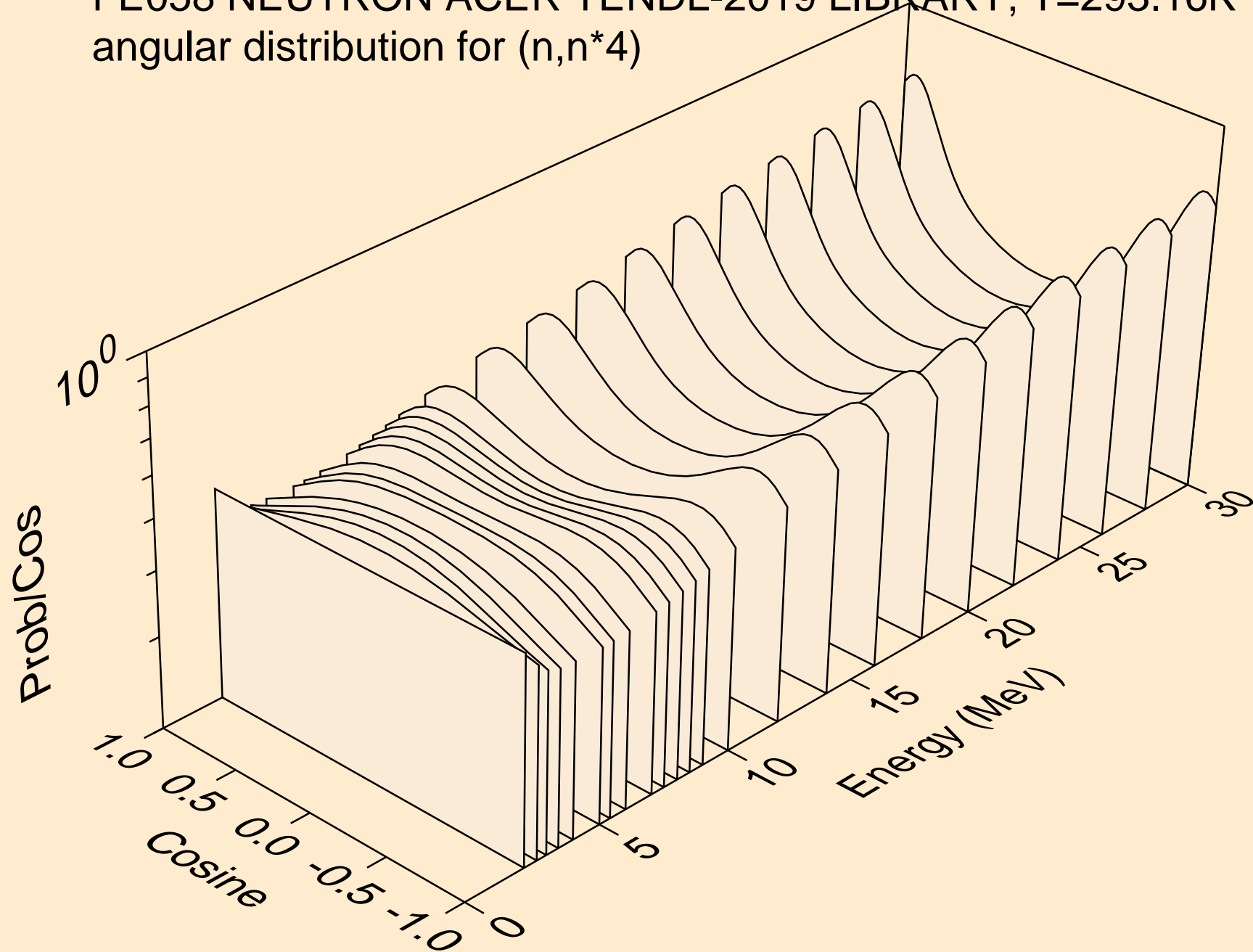
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



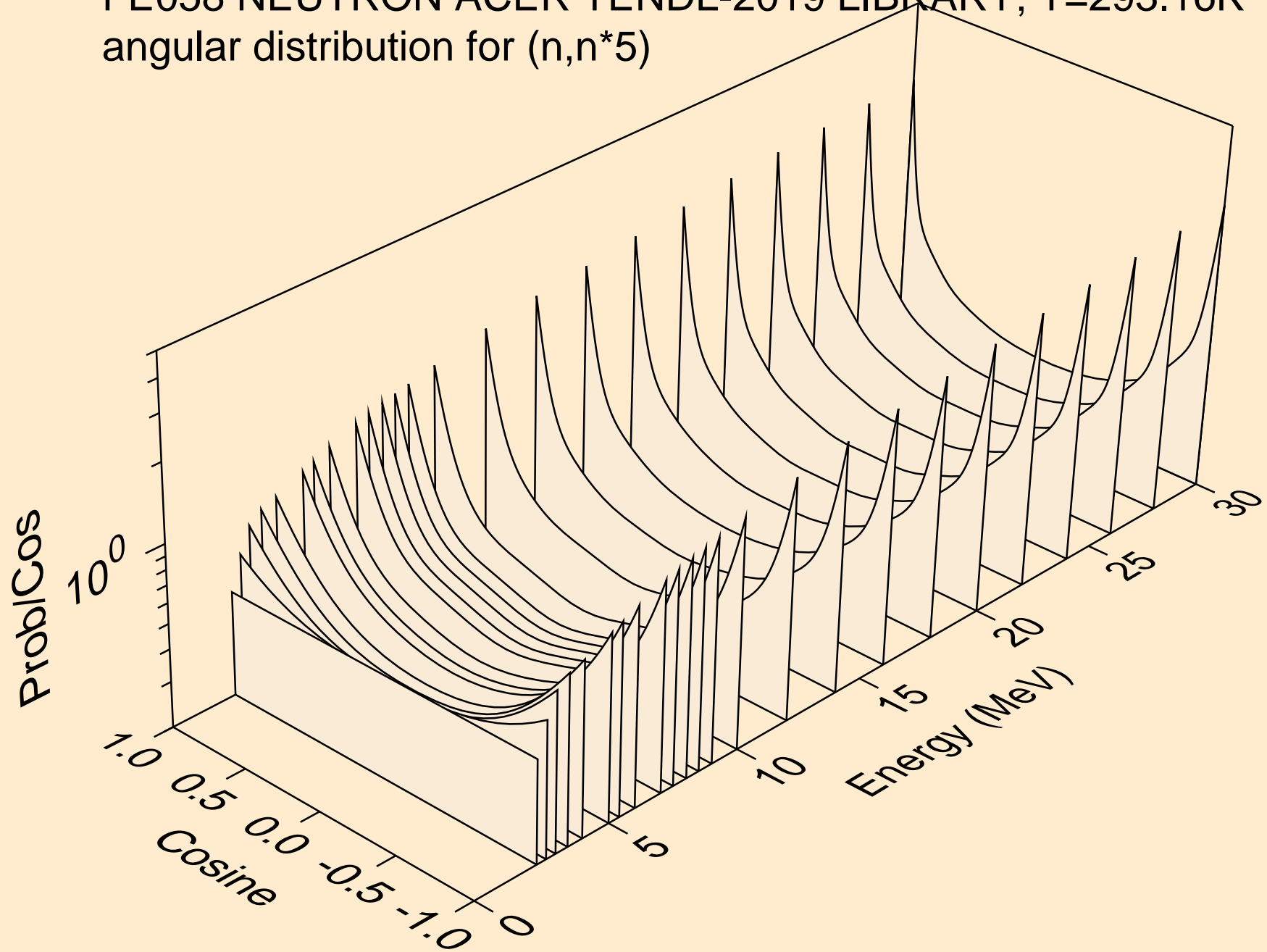
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



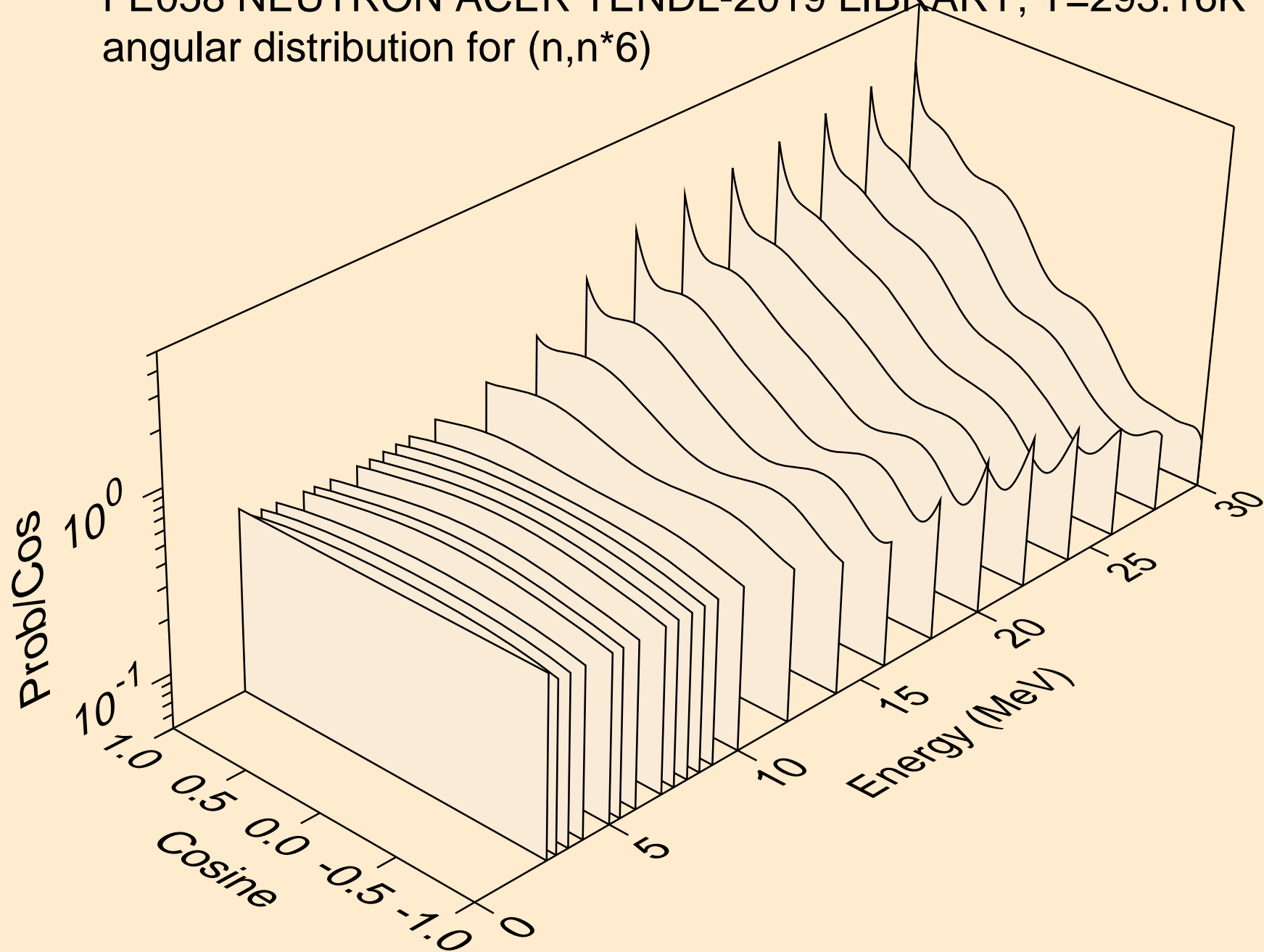
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



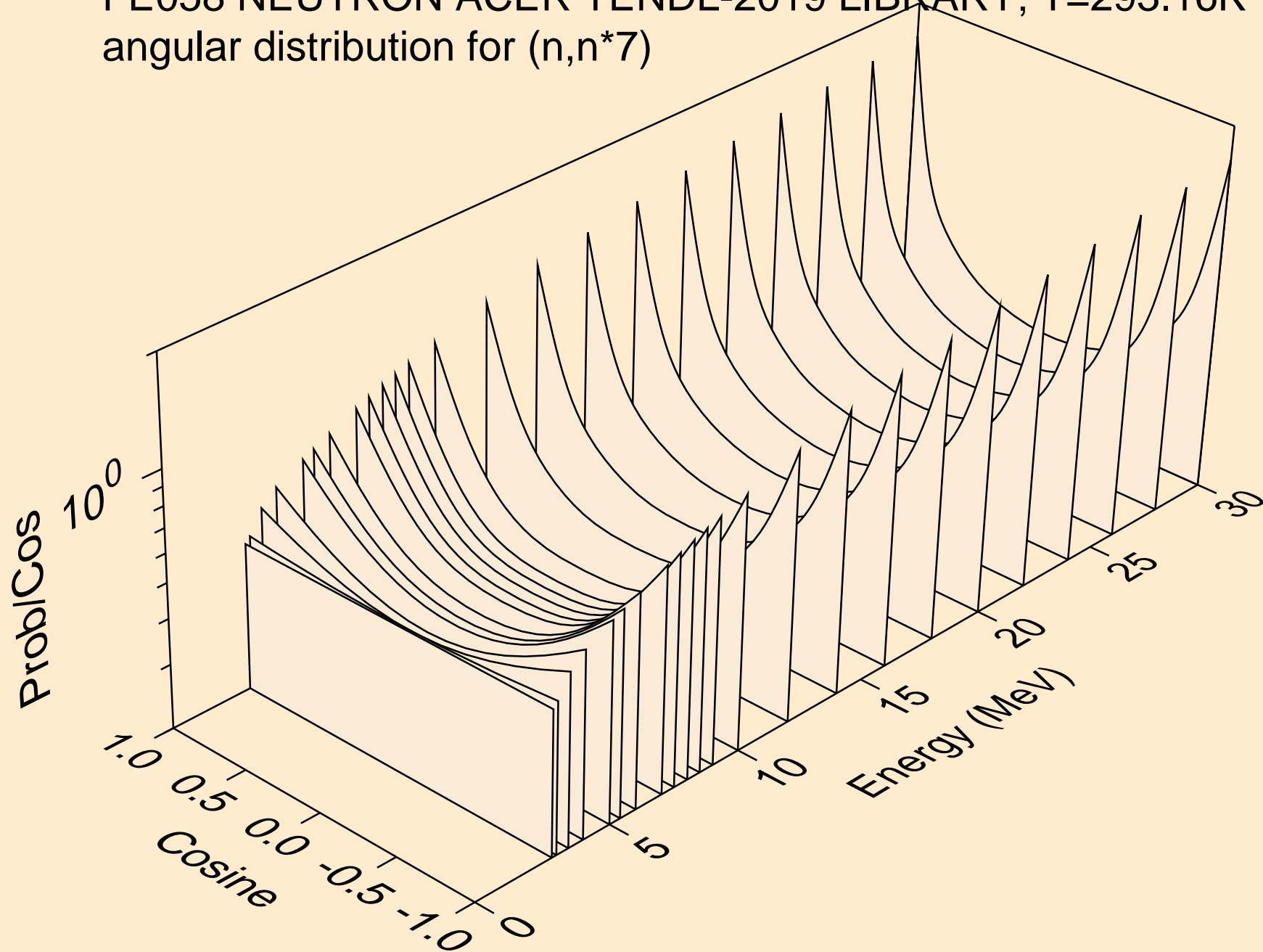
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)

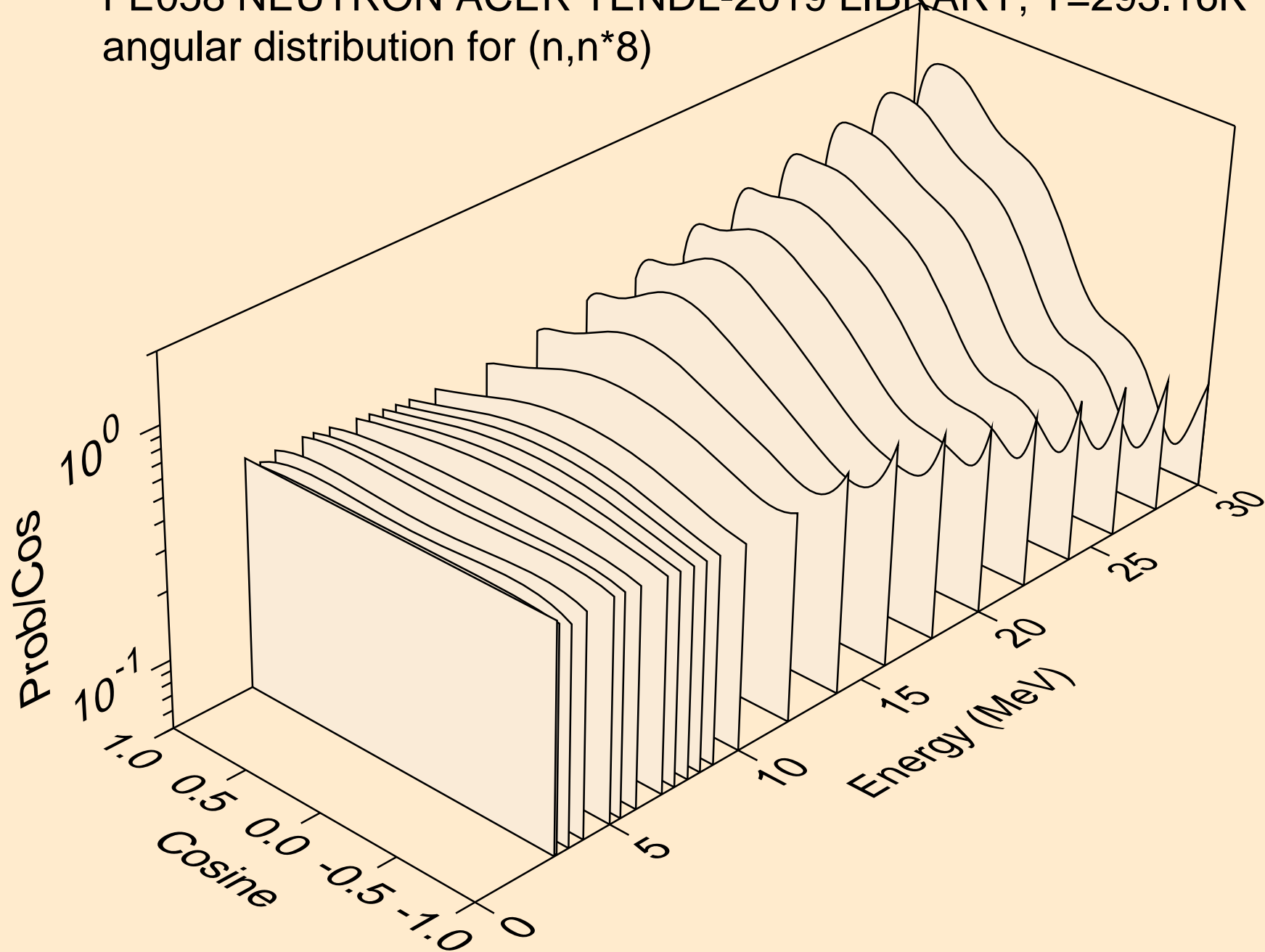


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)

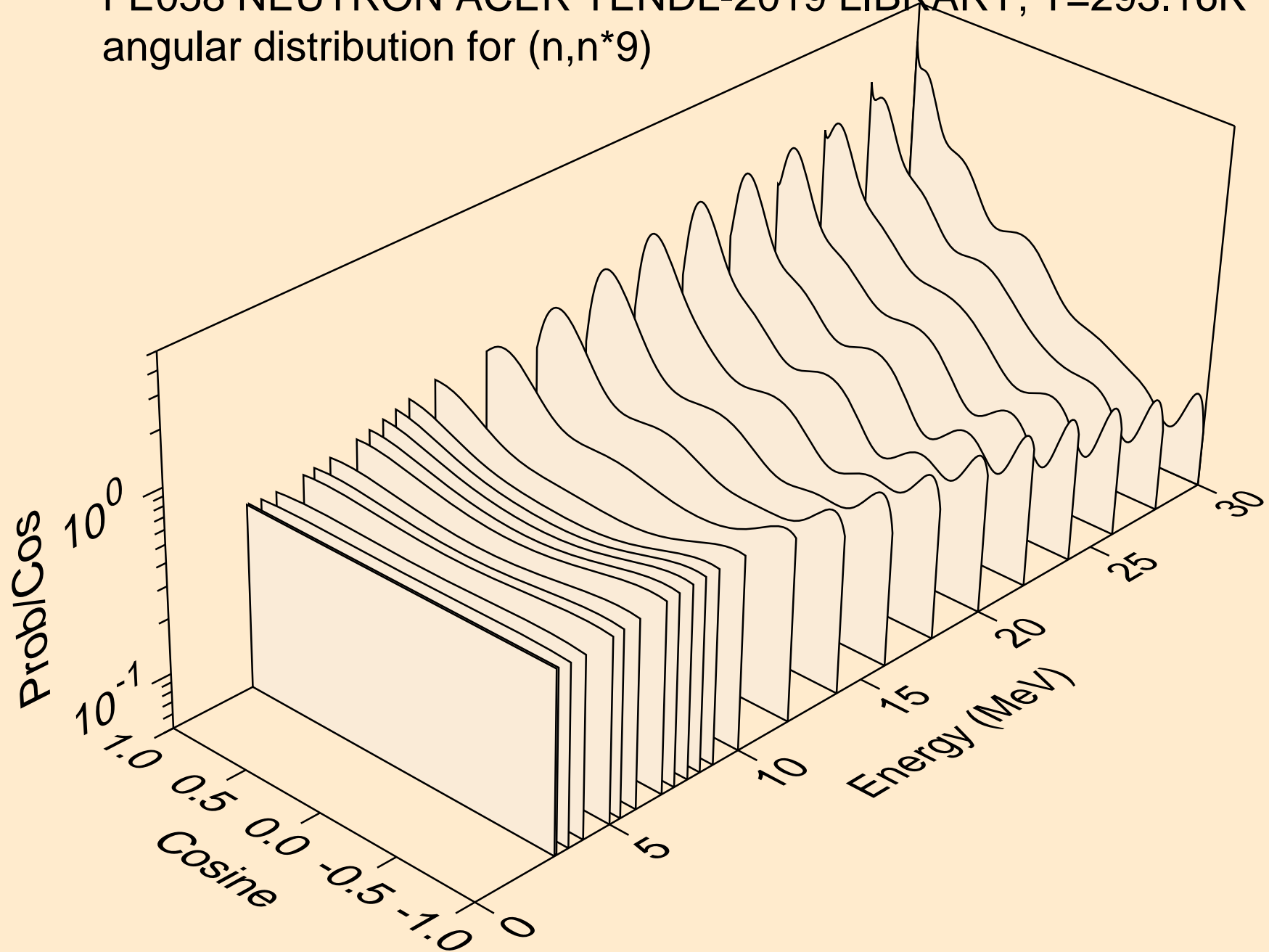




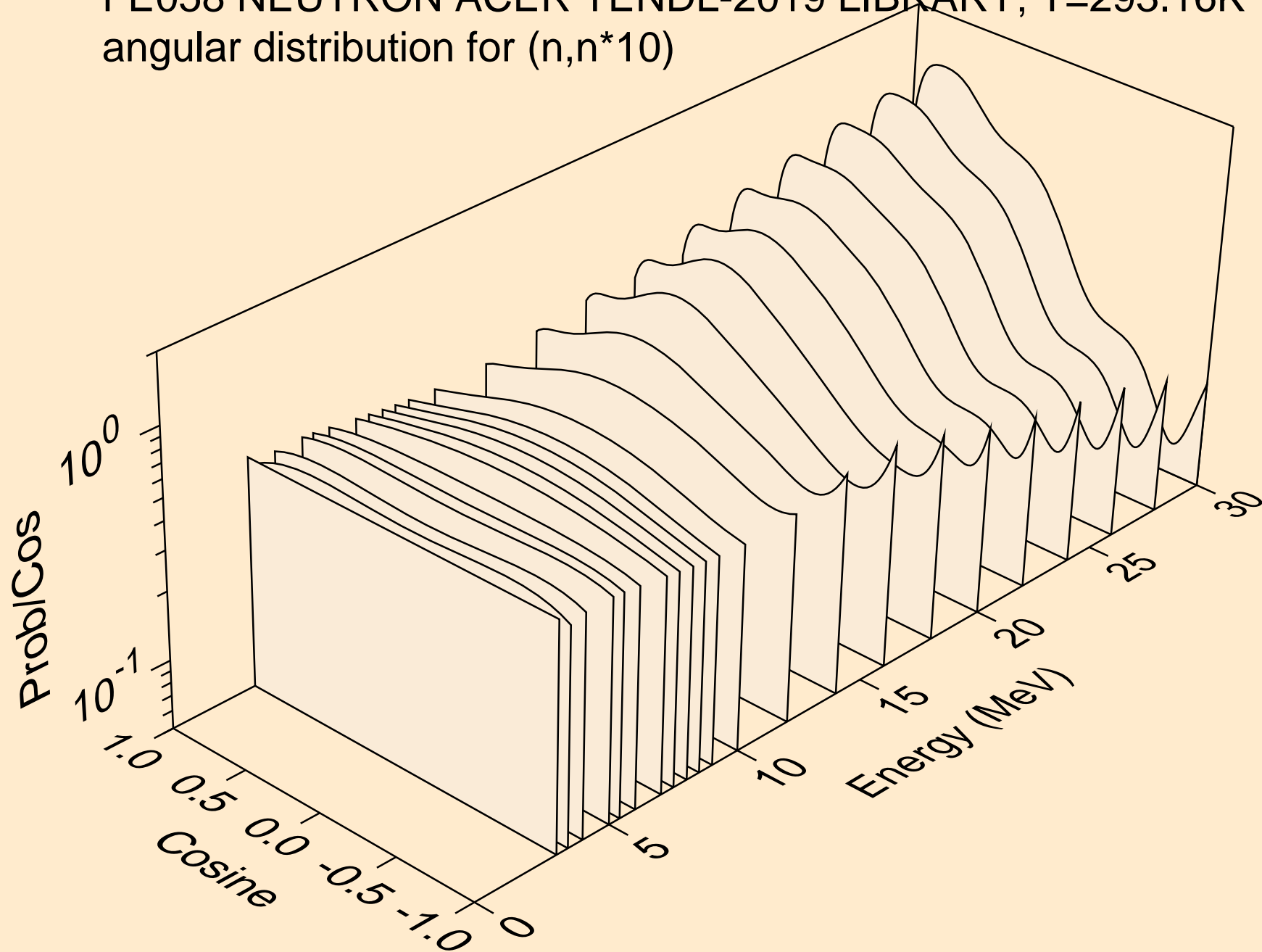
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)



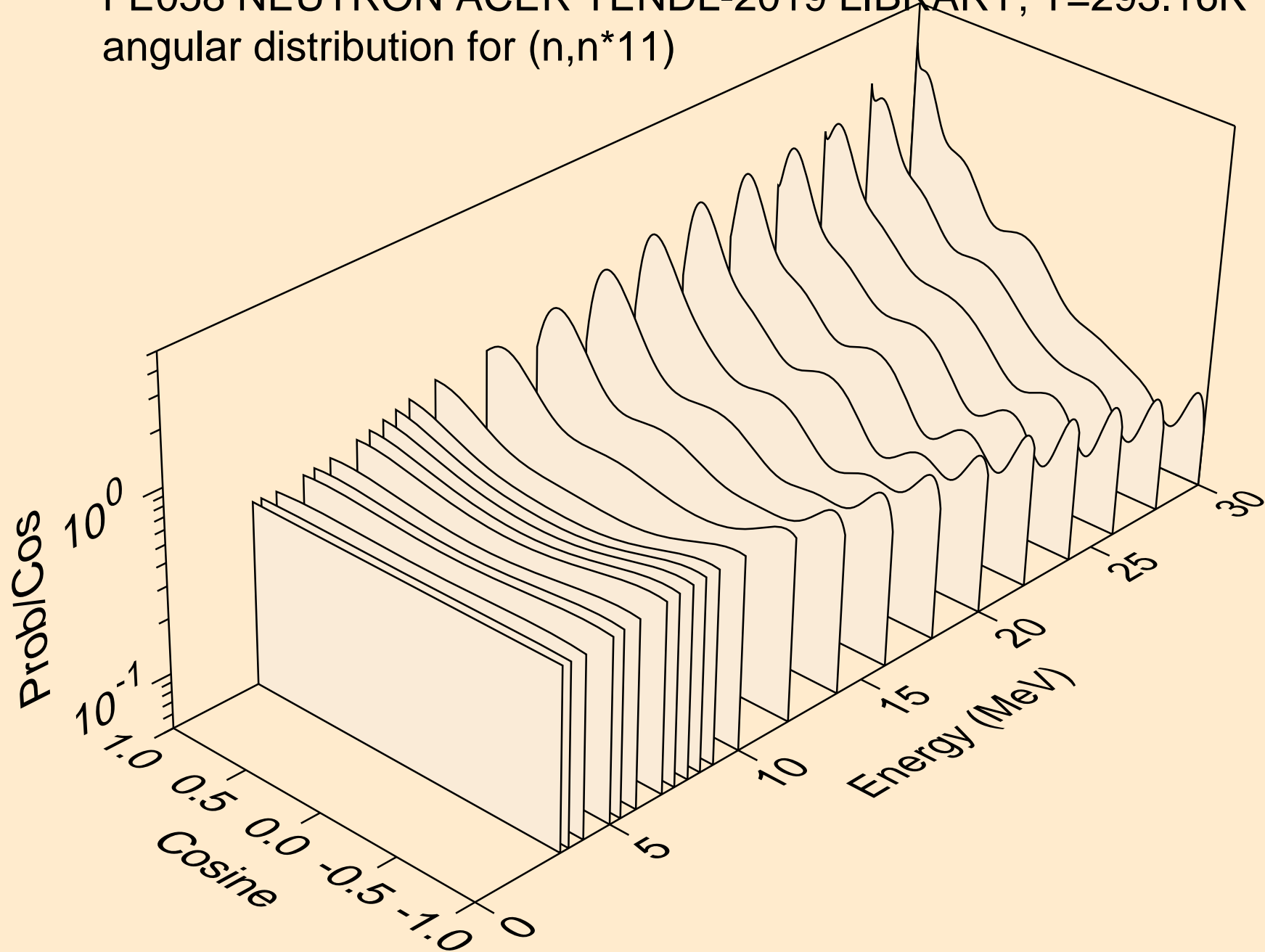
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)



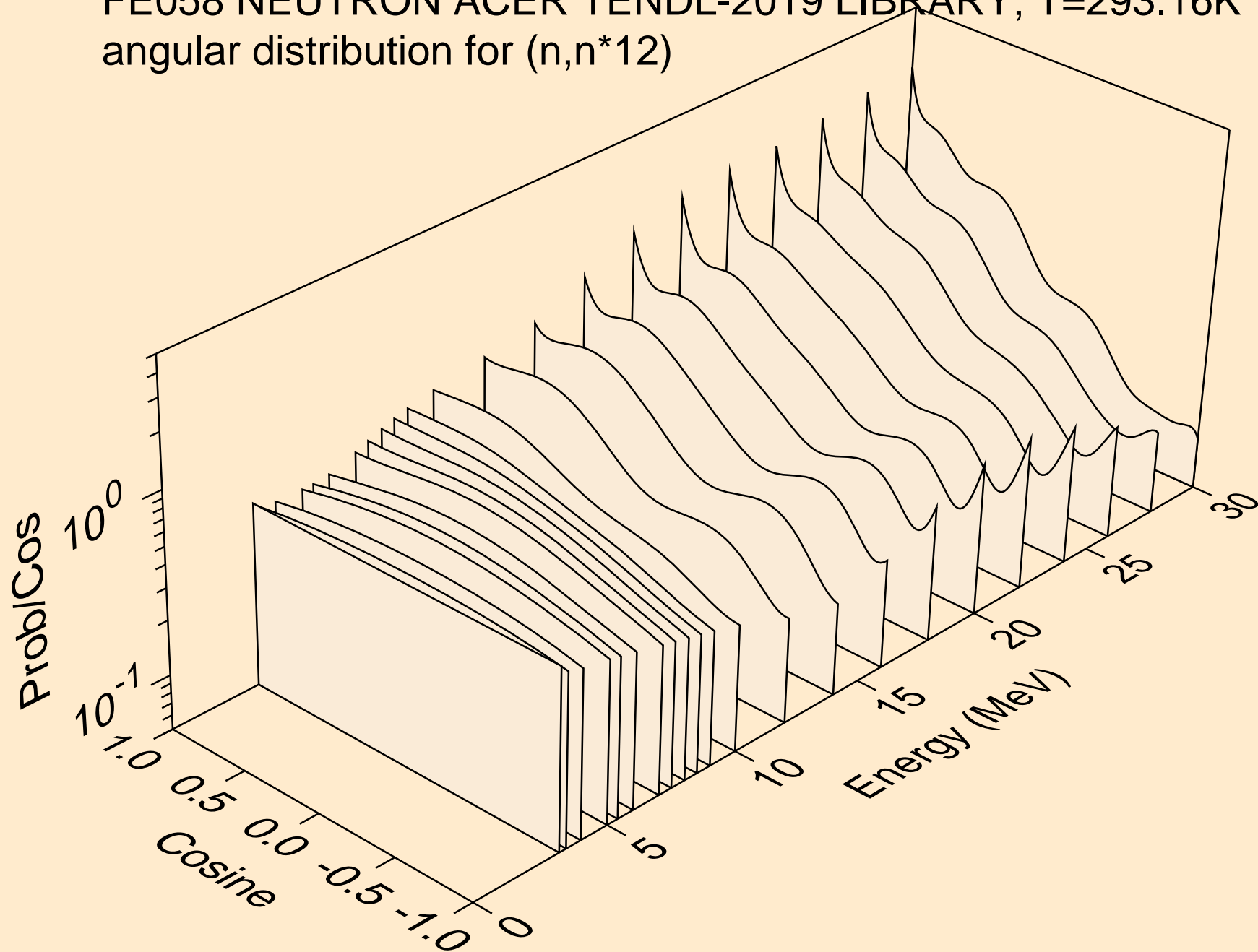
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)



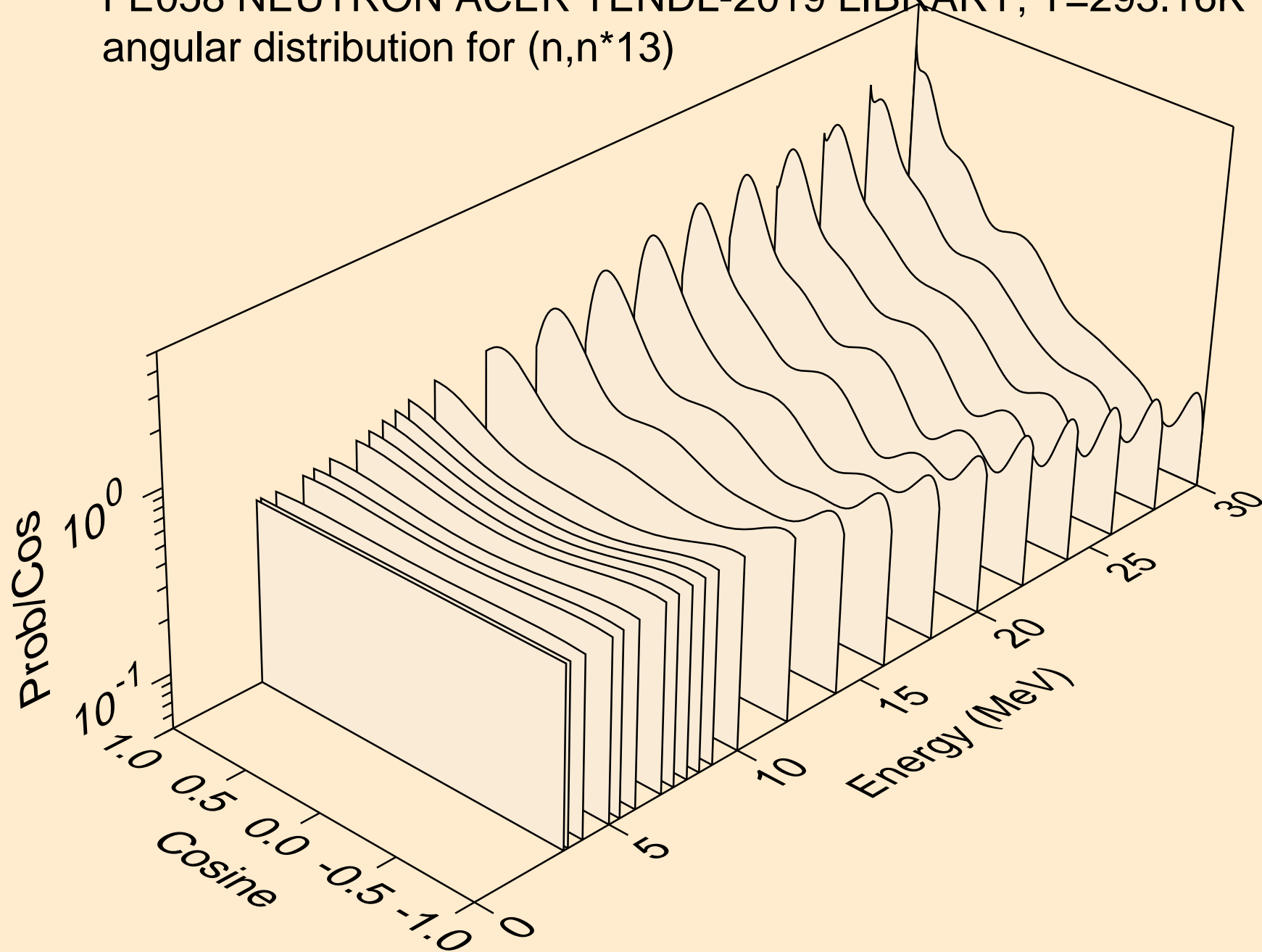
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



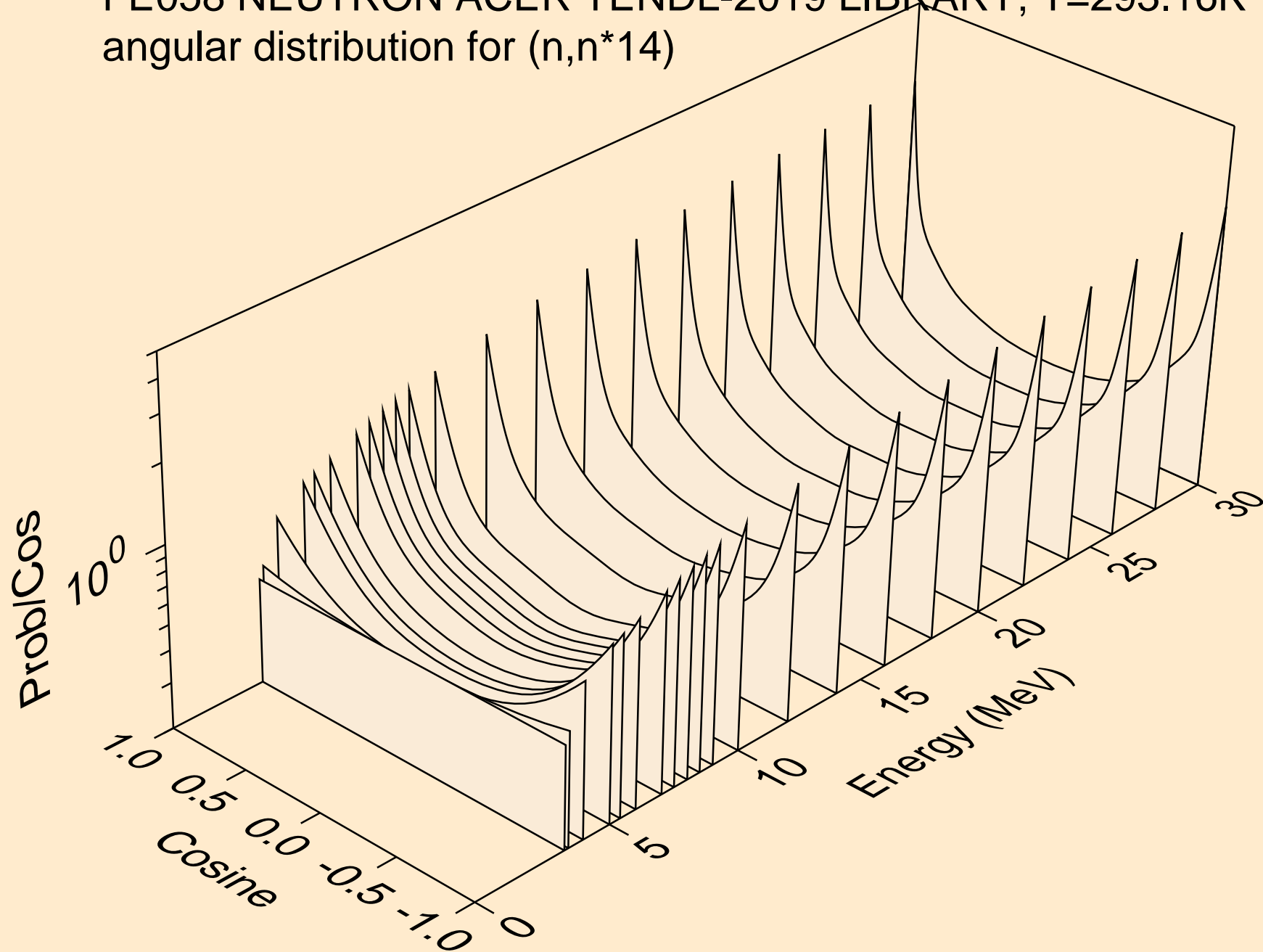
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



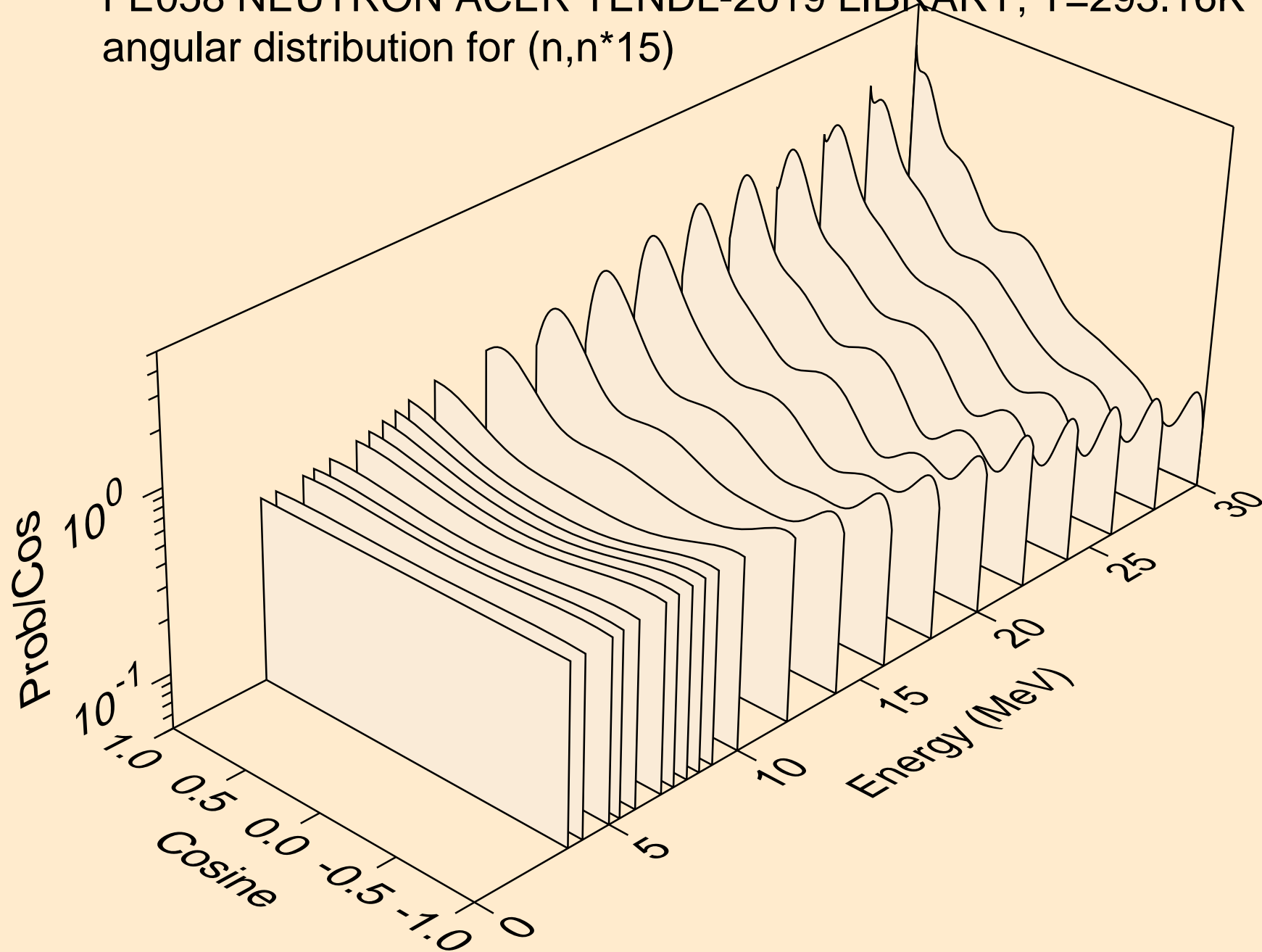
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)

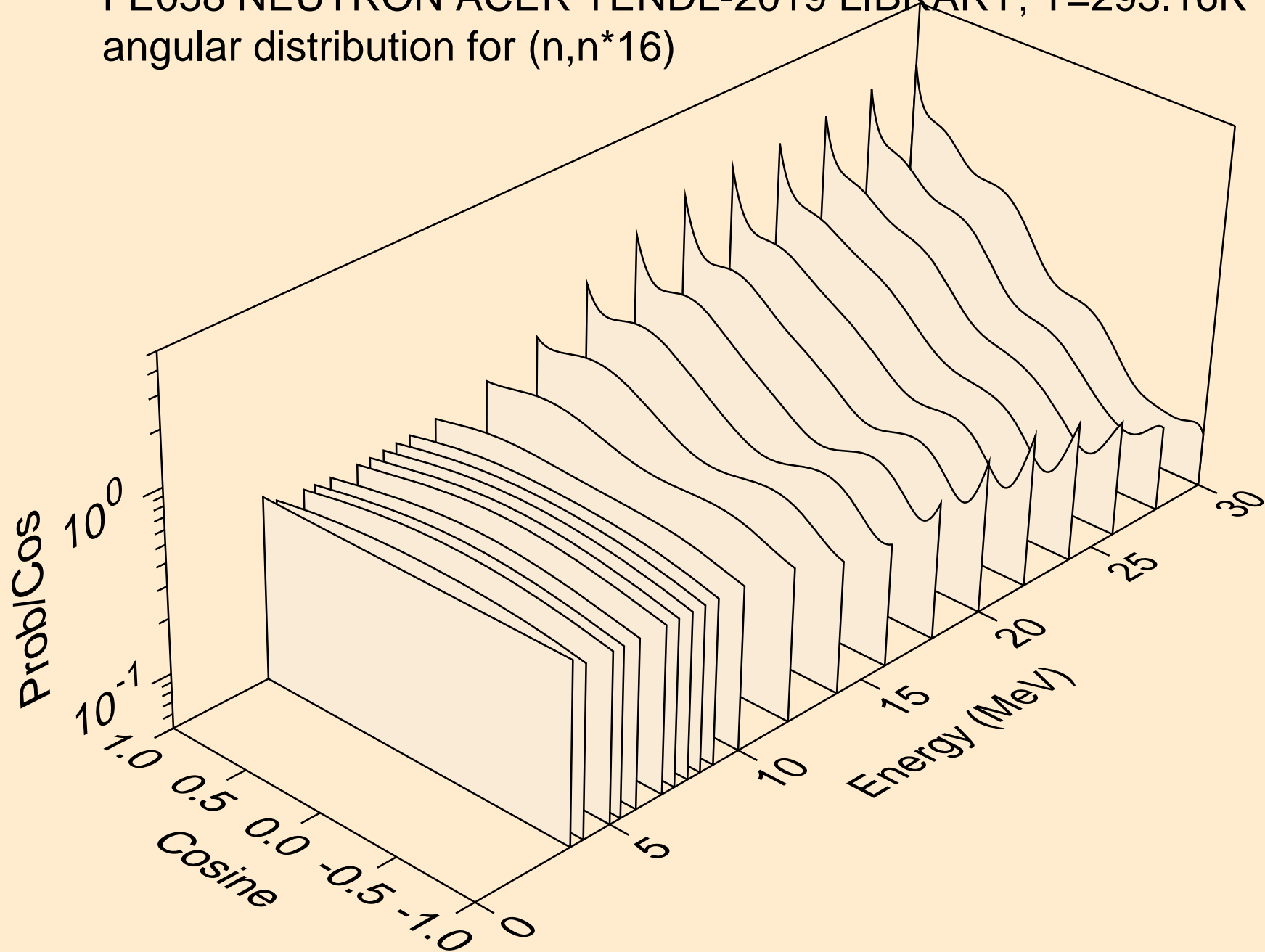


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)

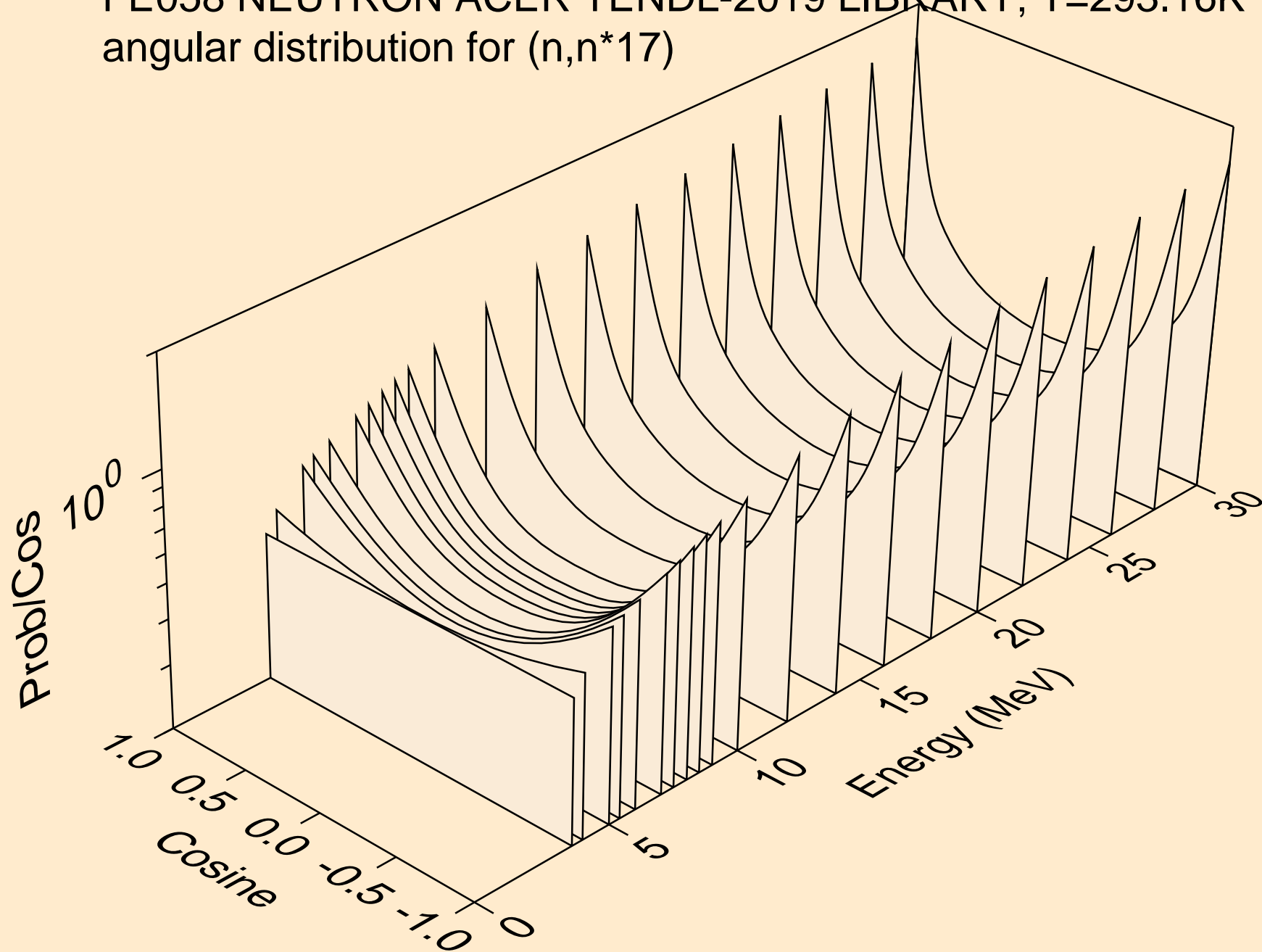




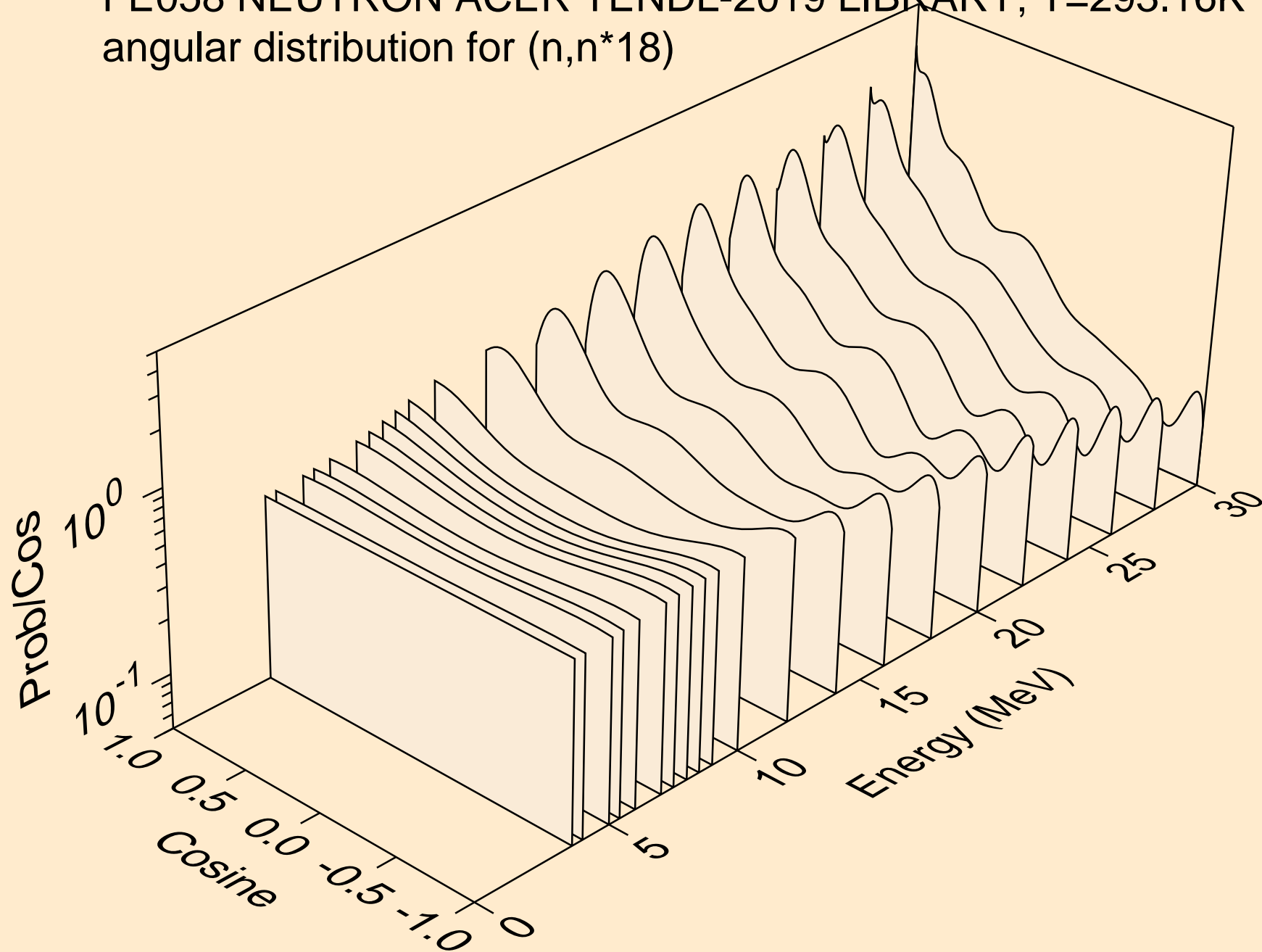
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)



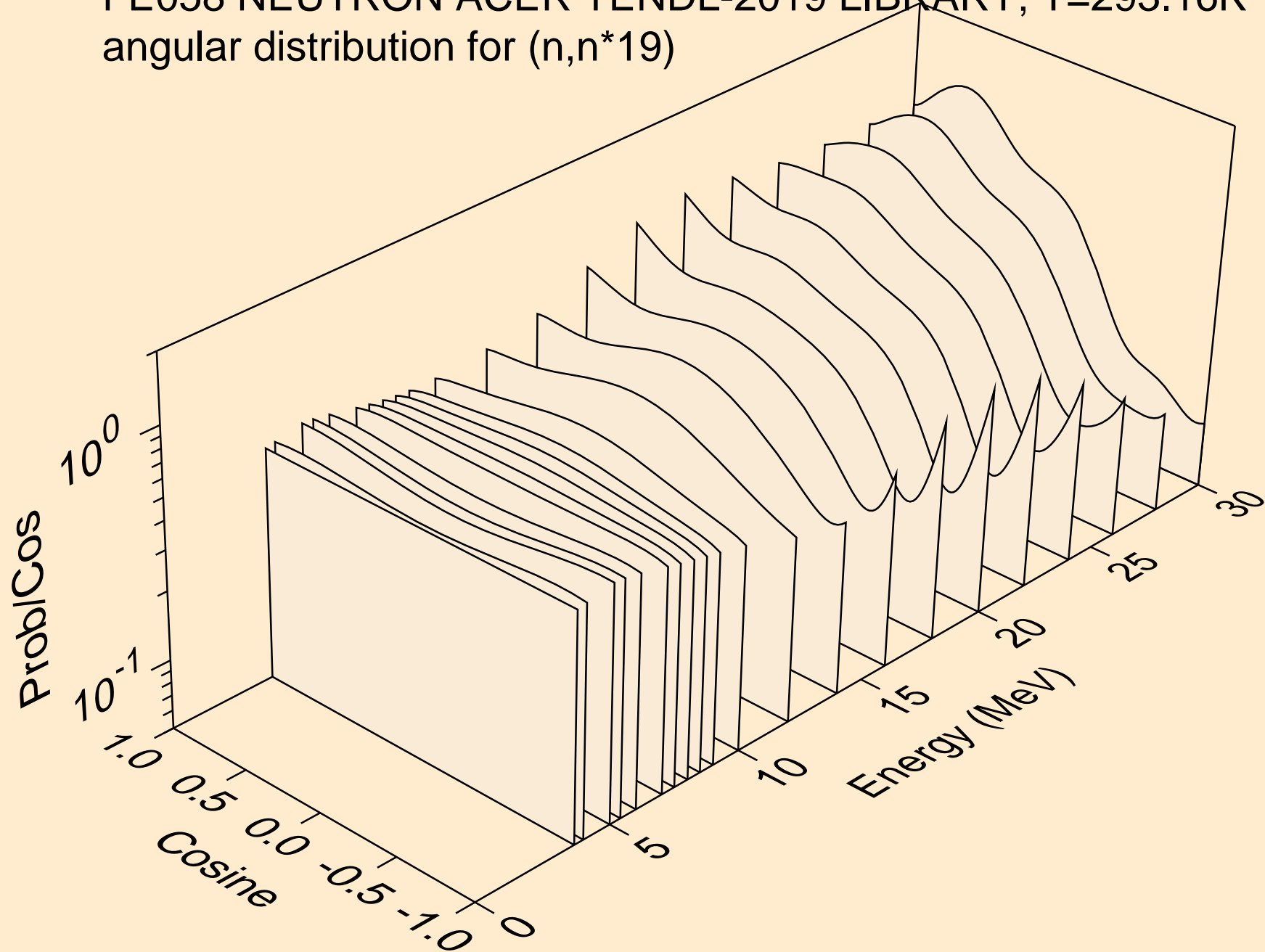
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)



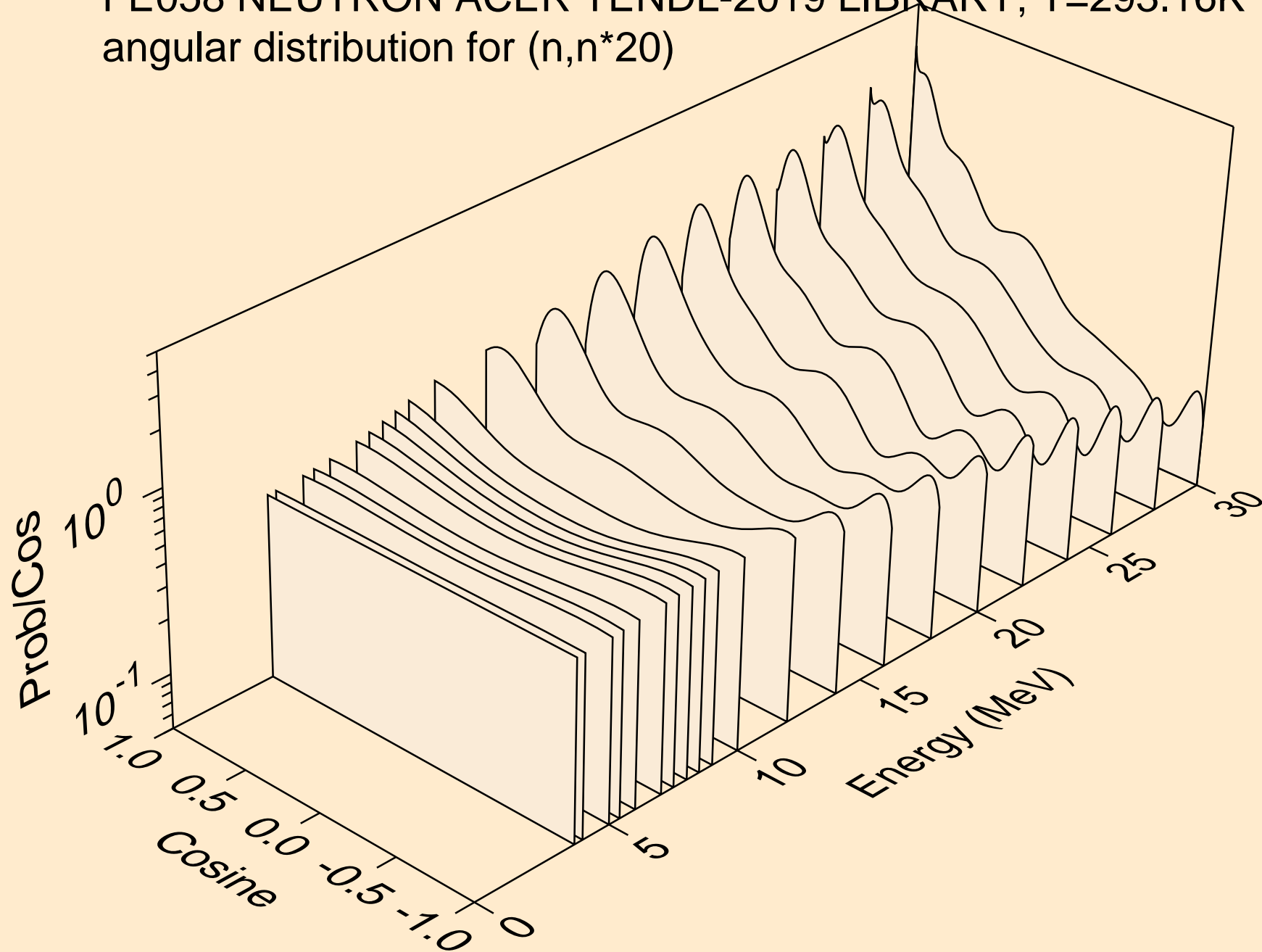
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)



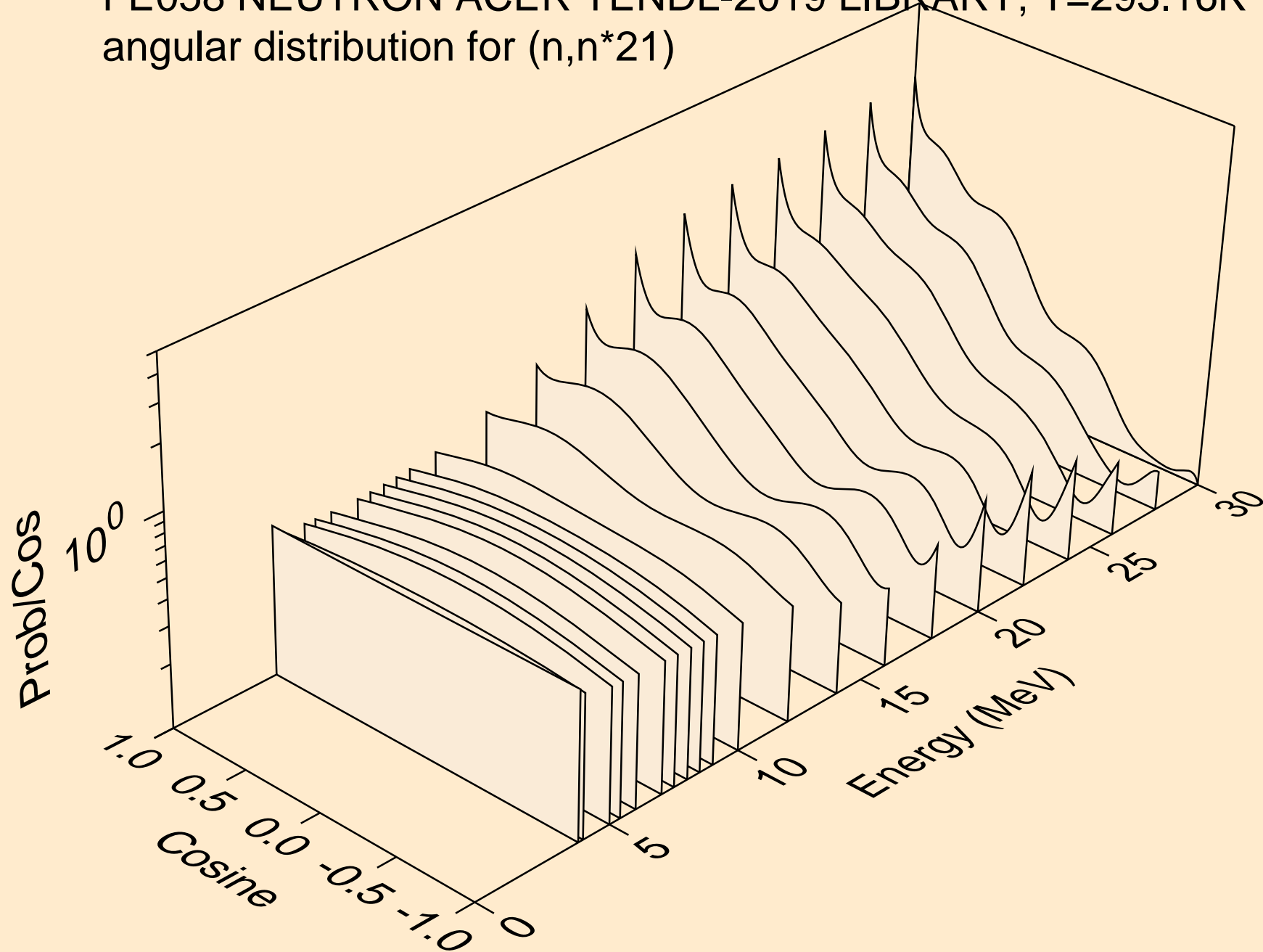
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)



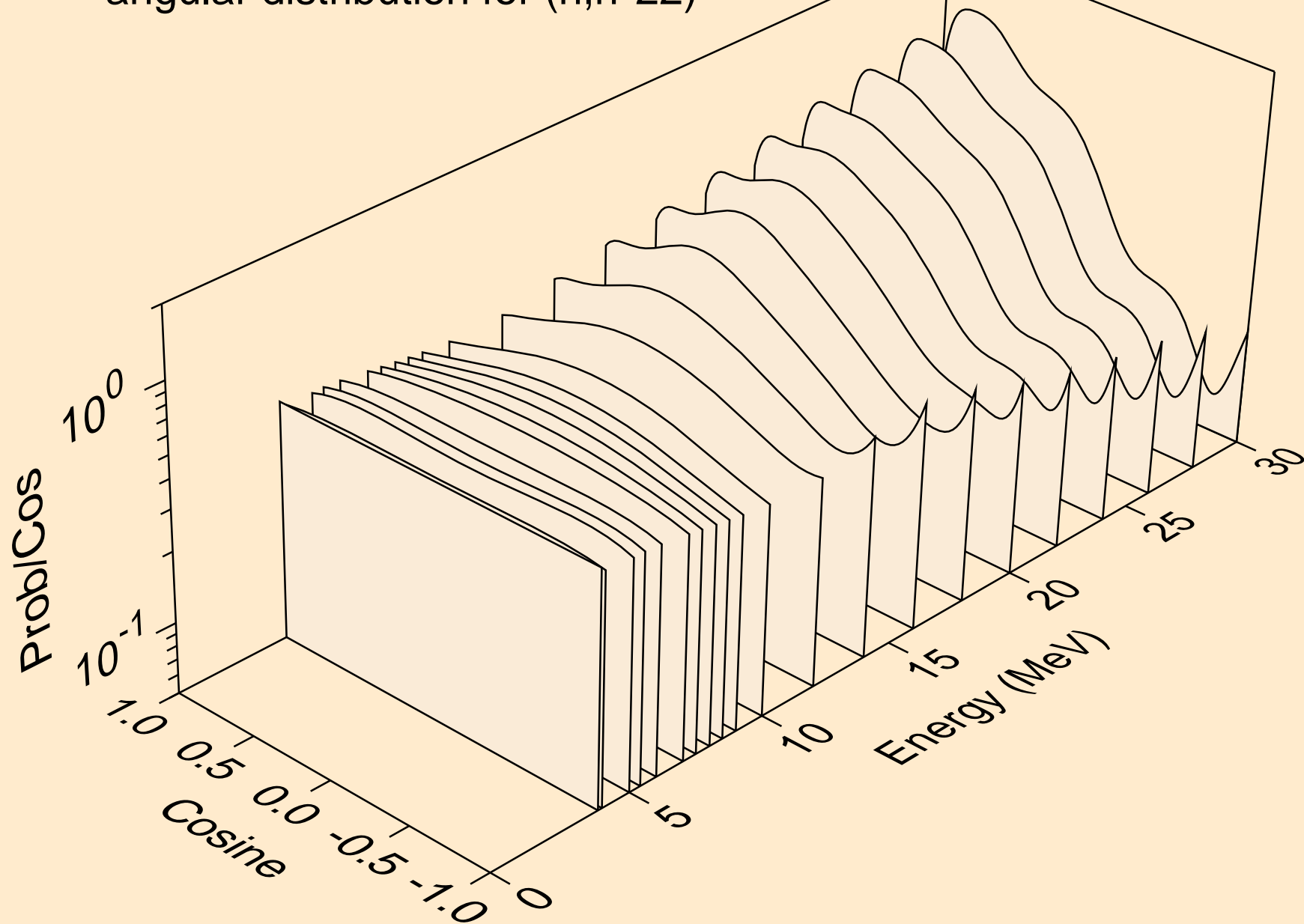
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



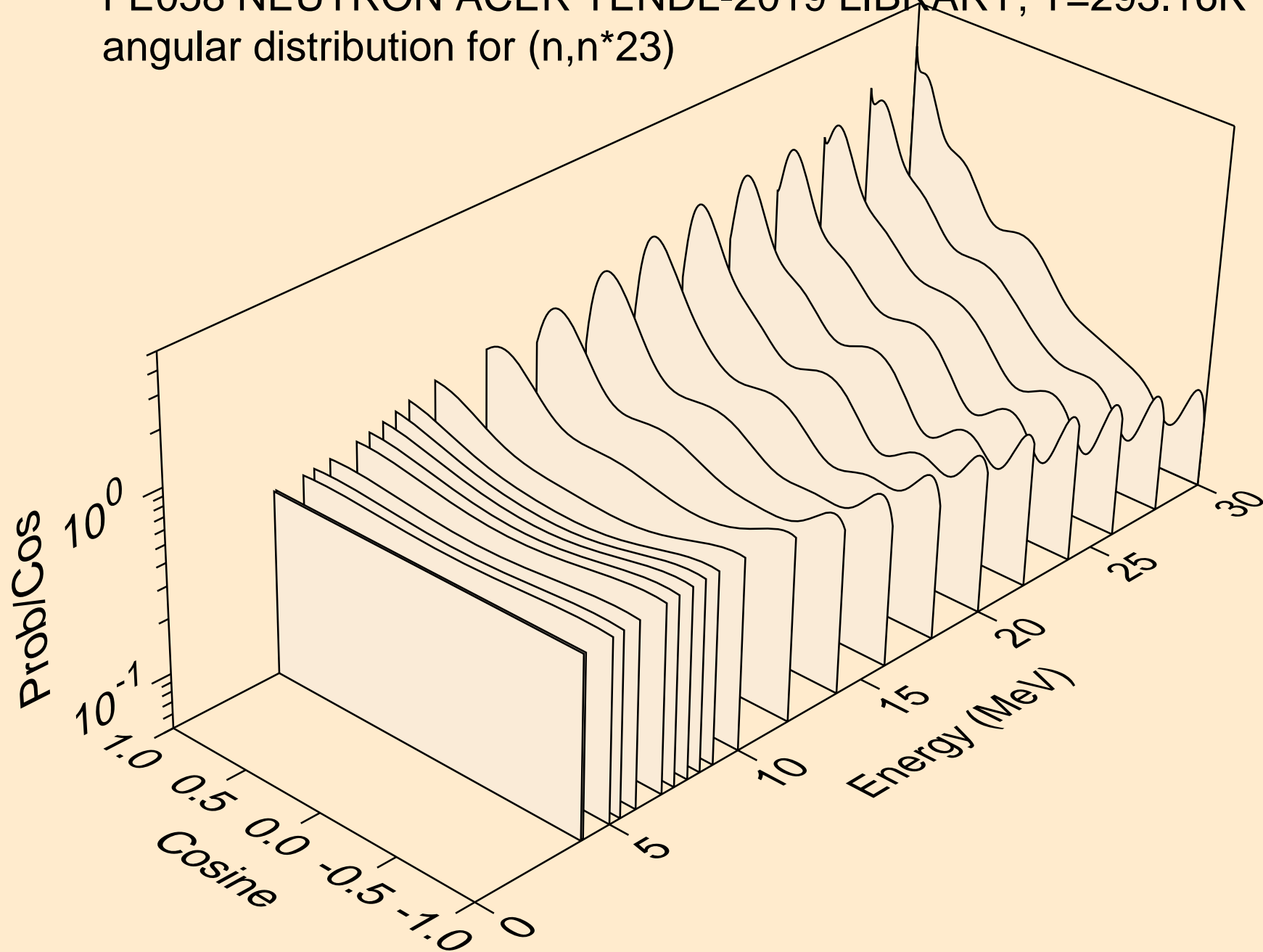
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)

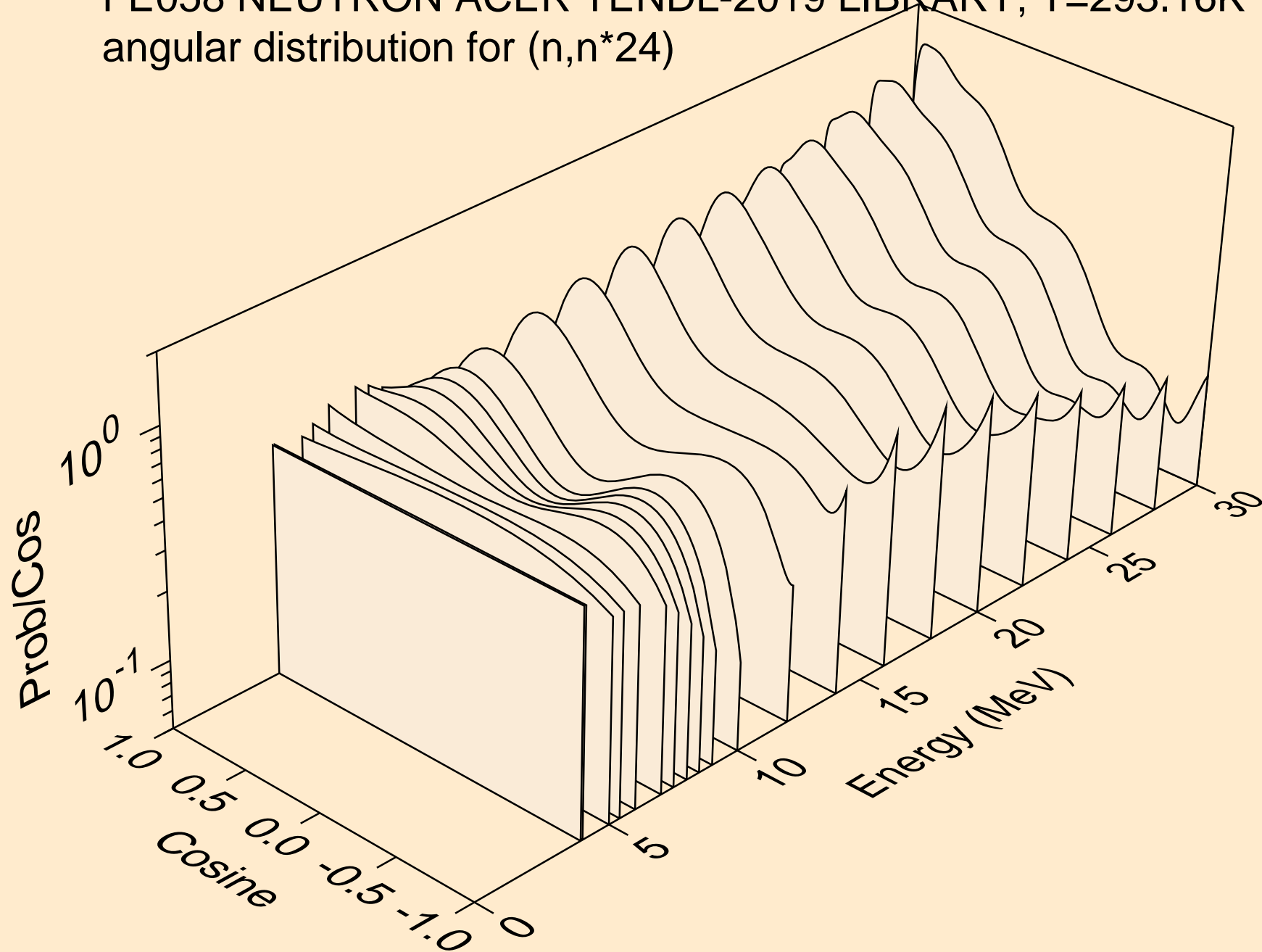


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)

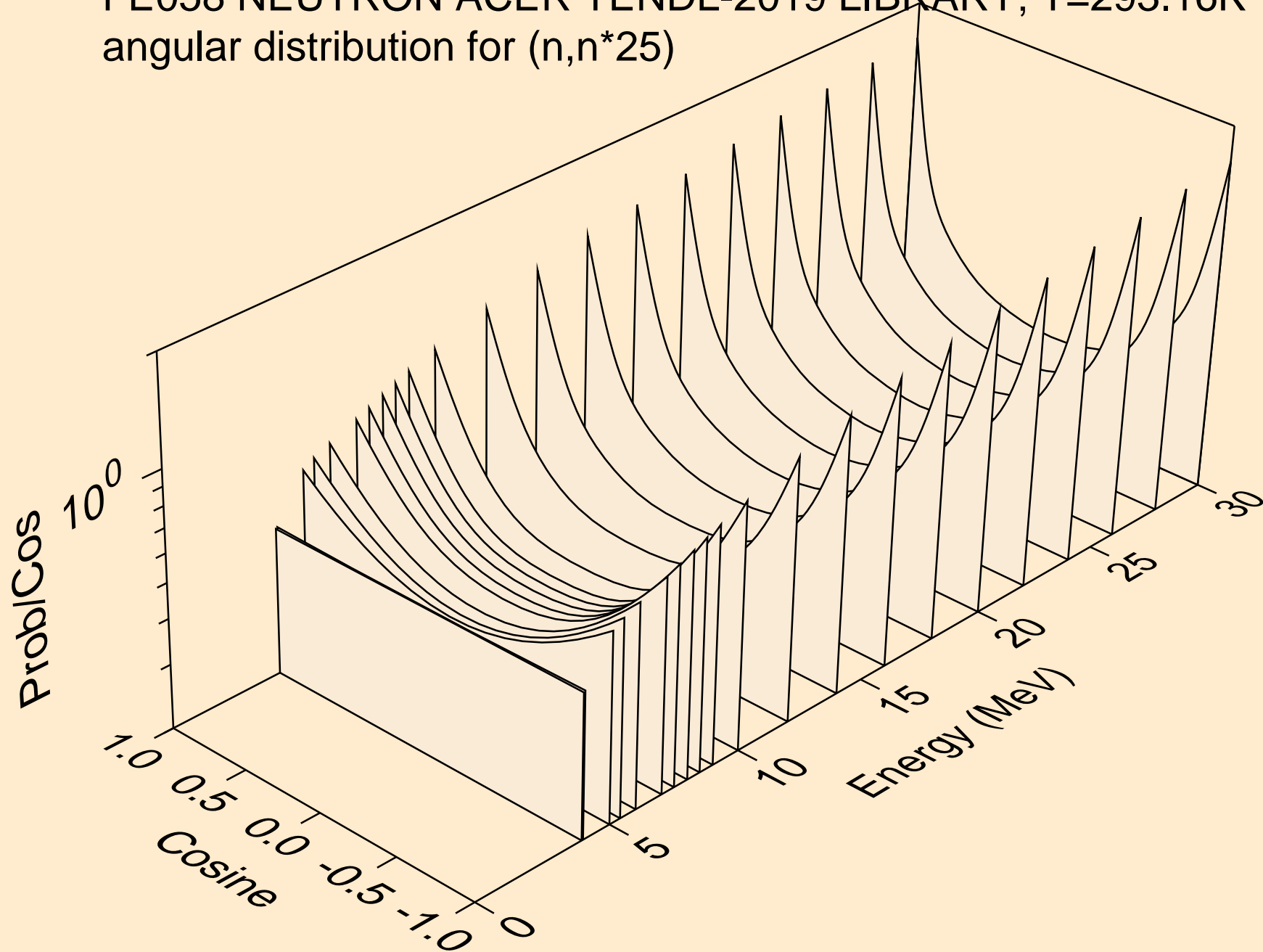




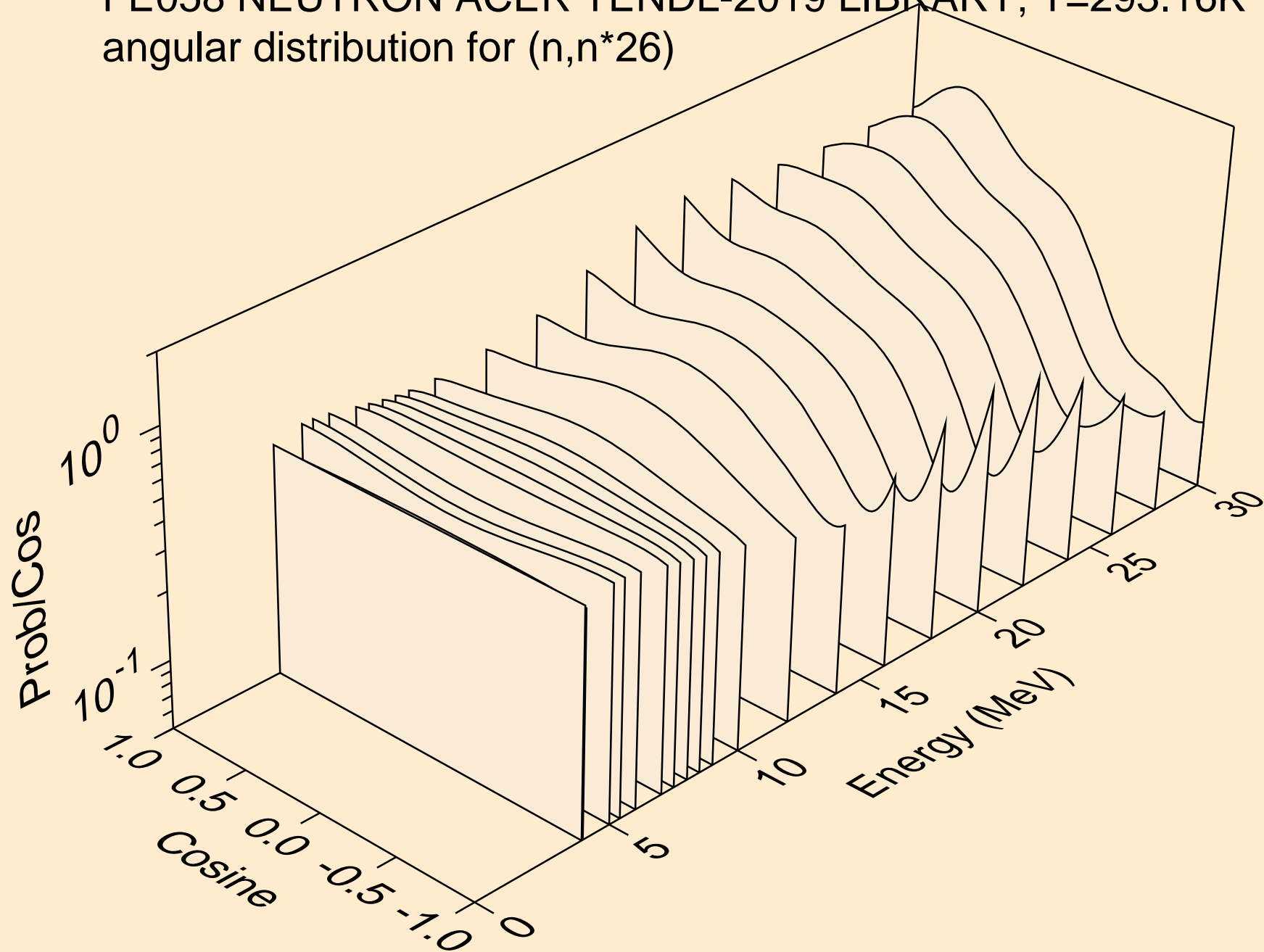
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)



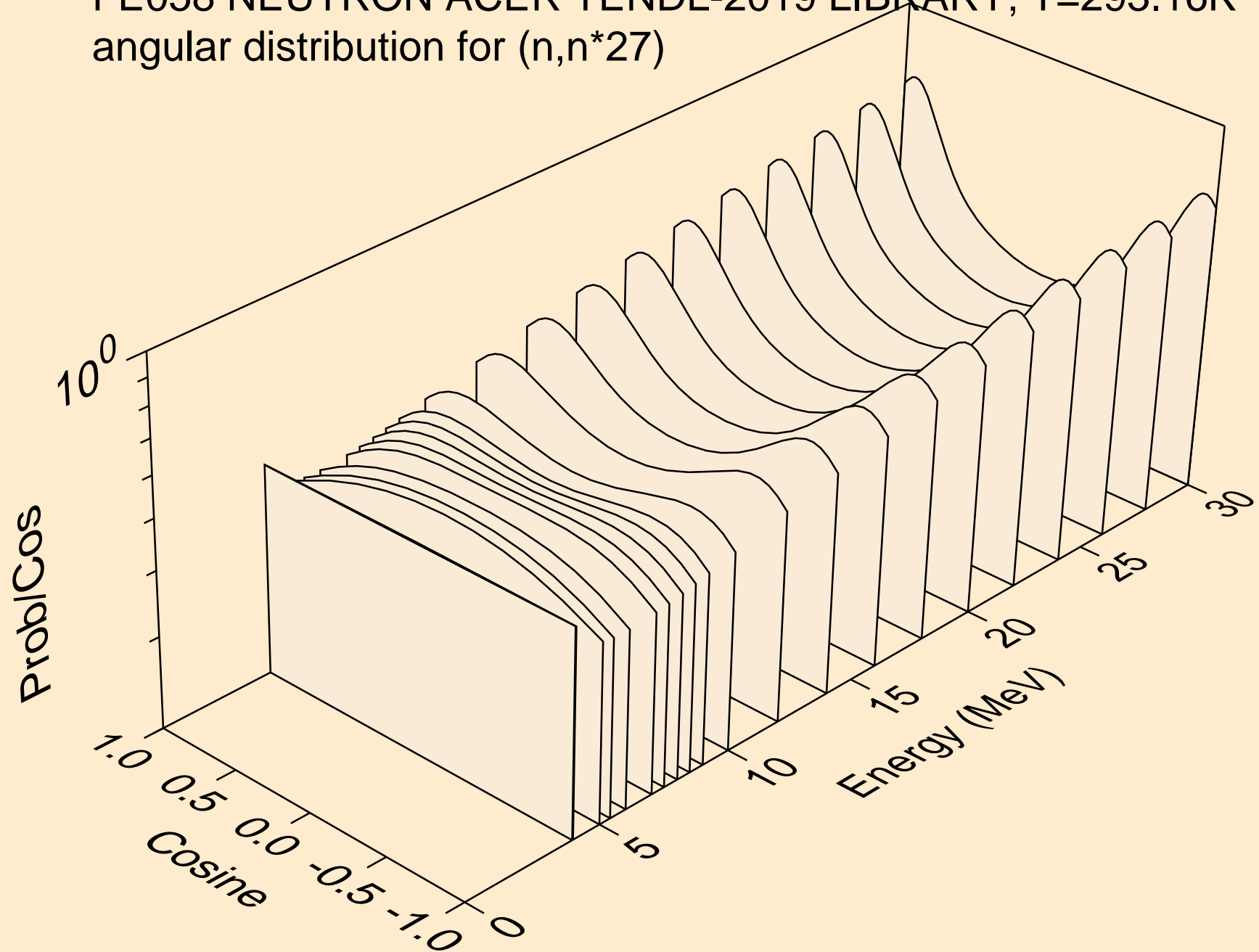
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)



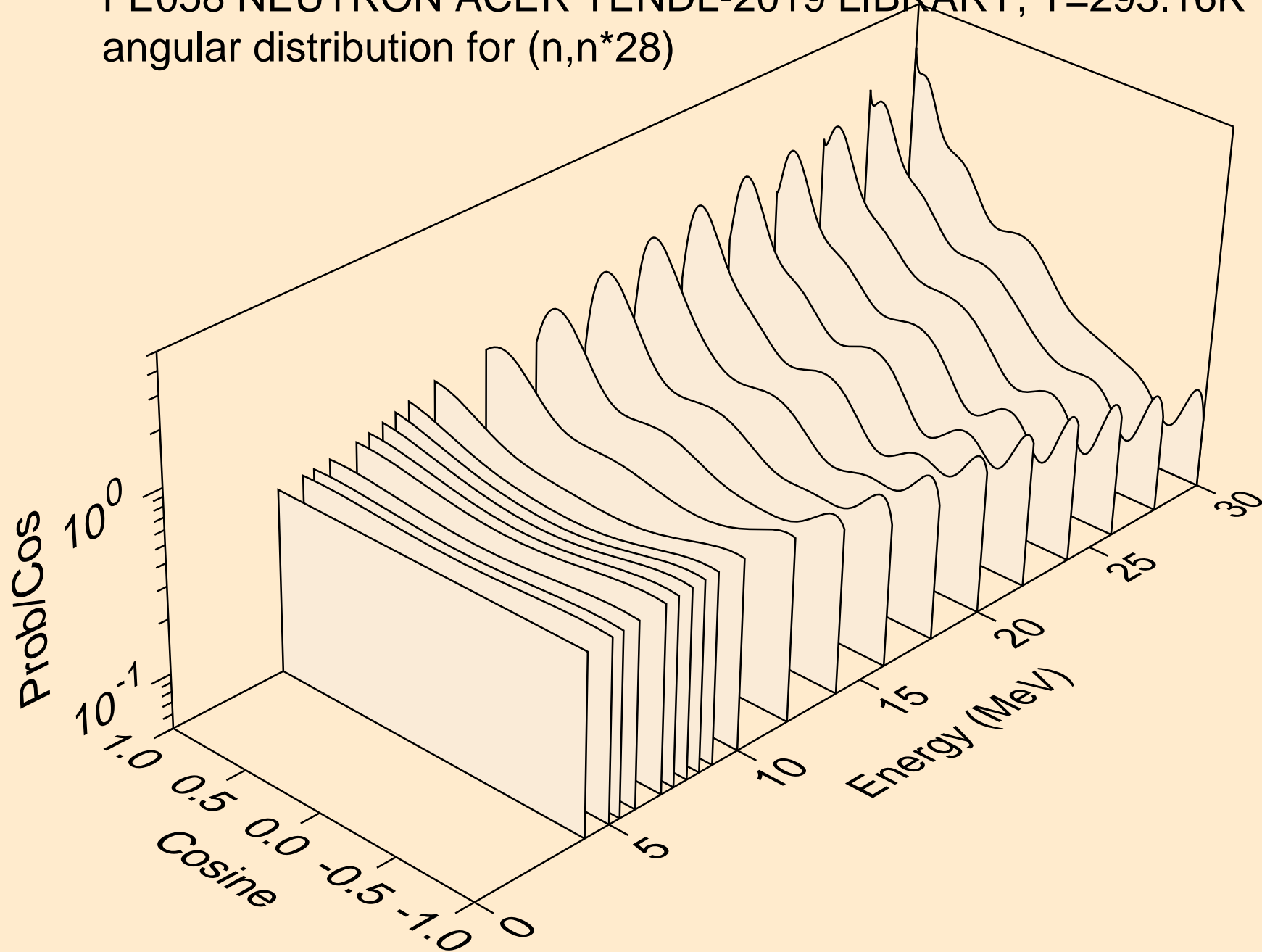
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)



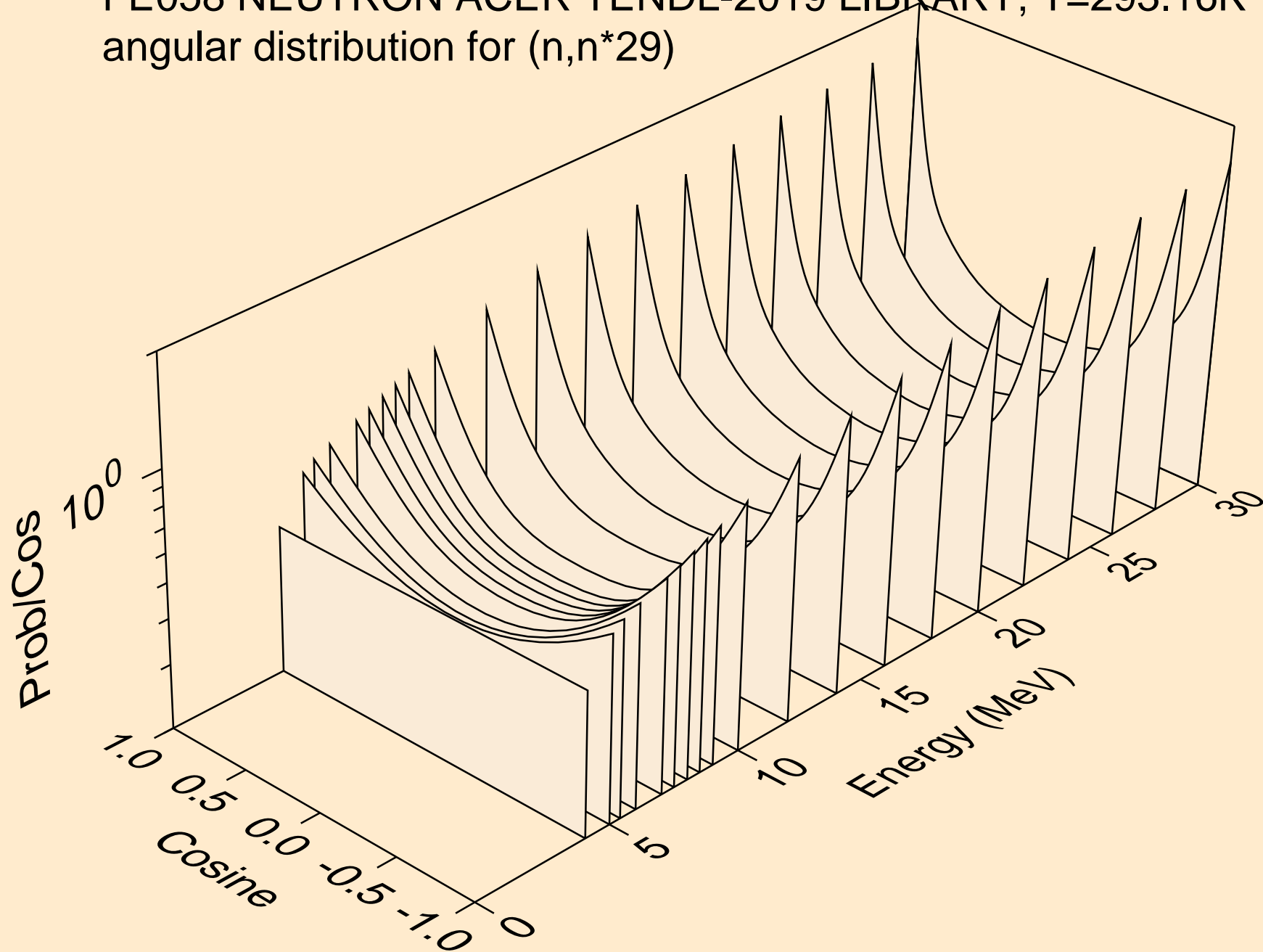
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)



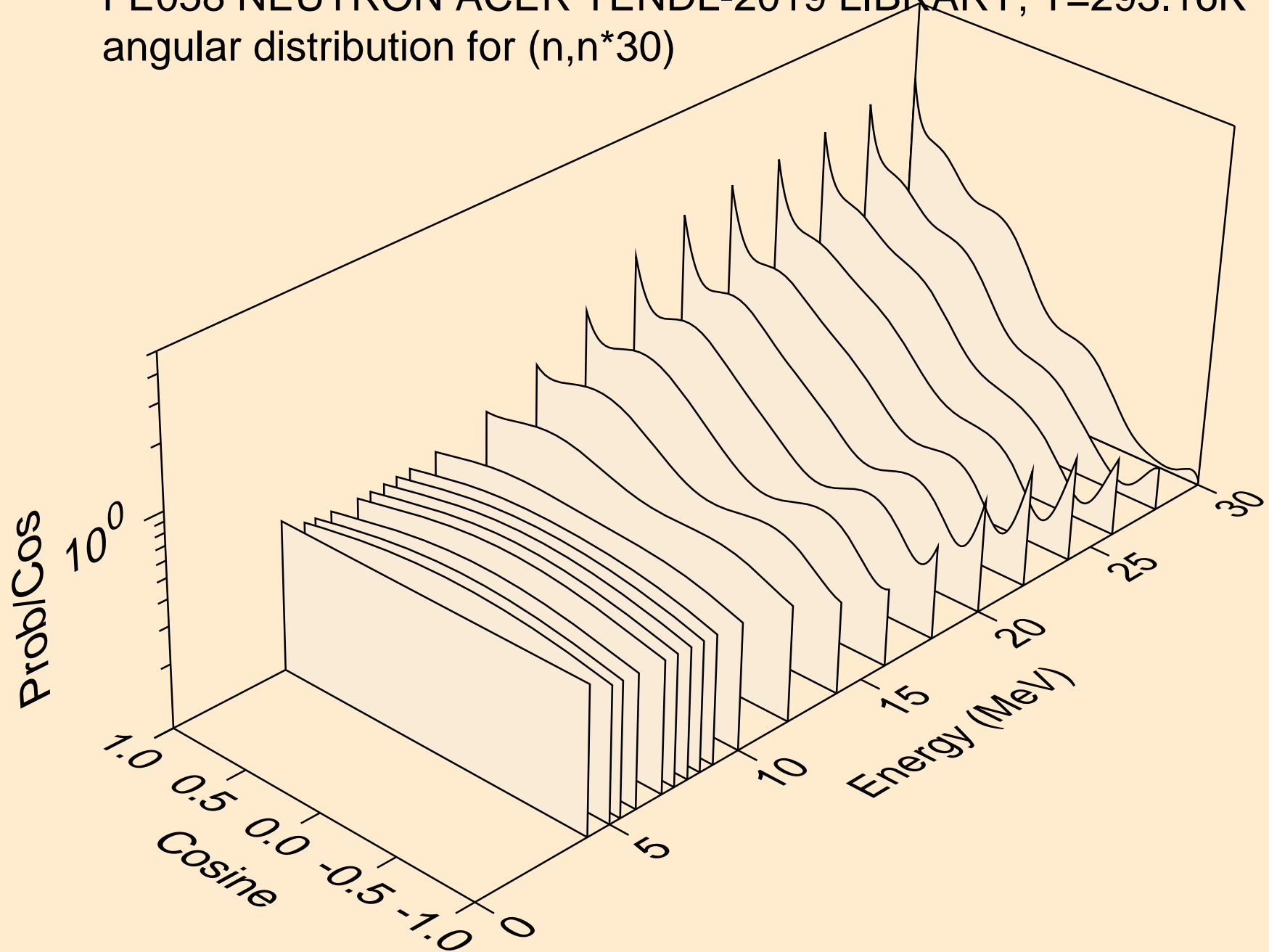
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



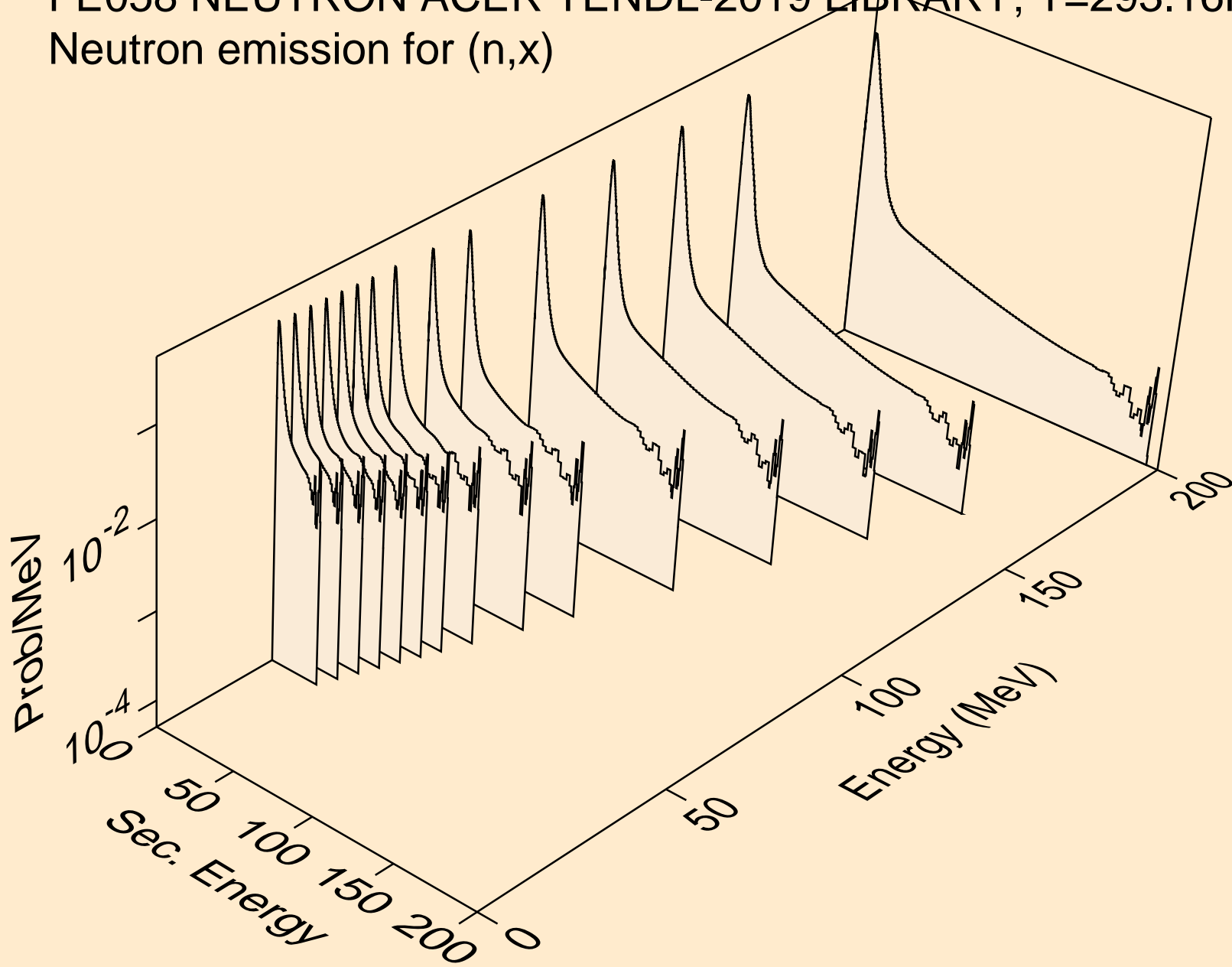
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*29)



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*30)

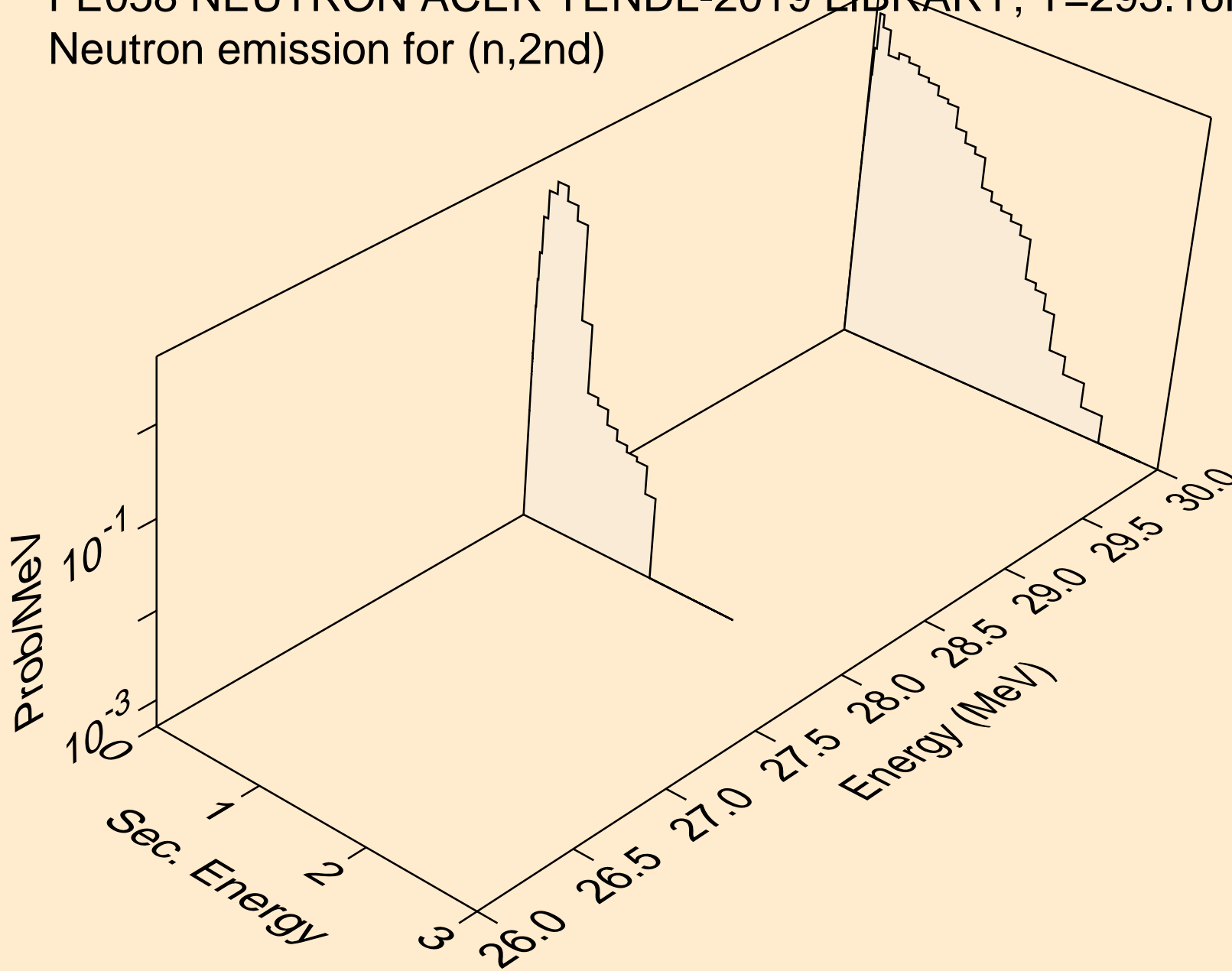


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)

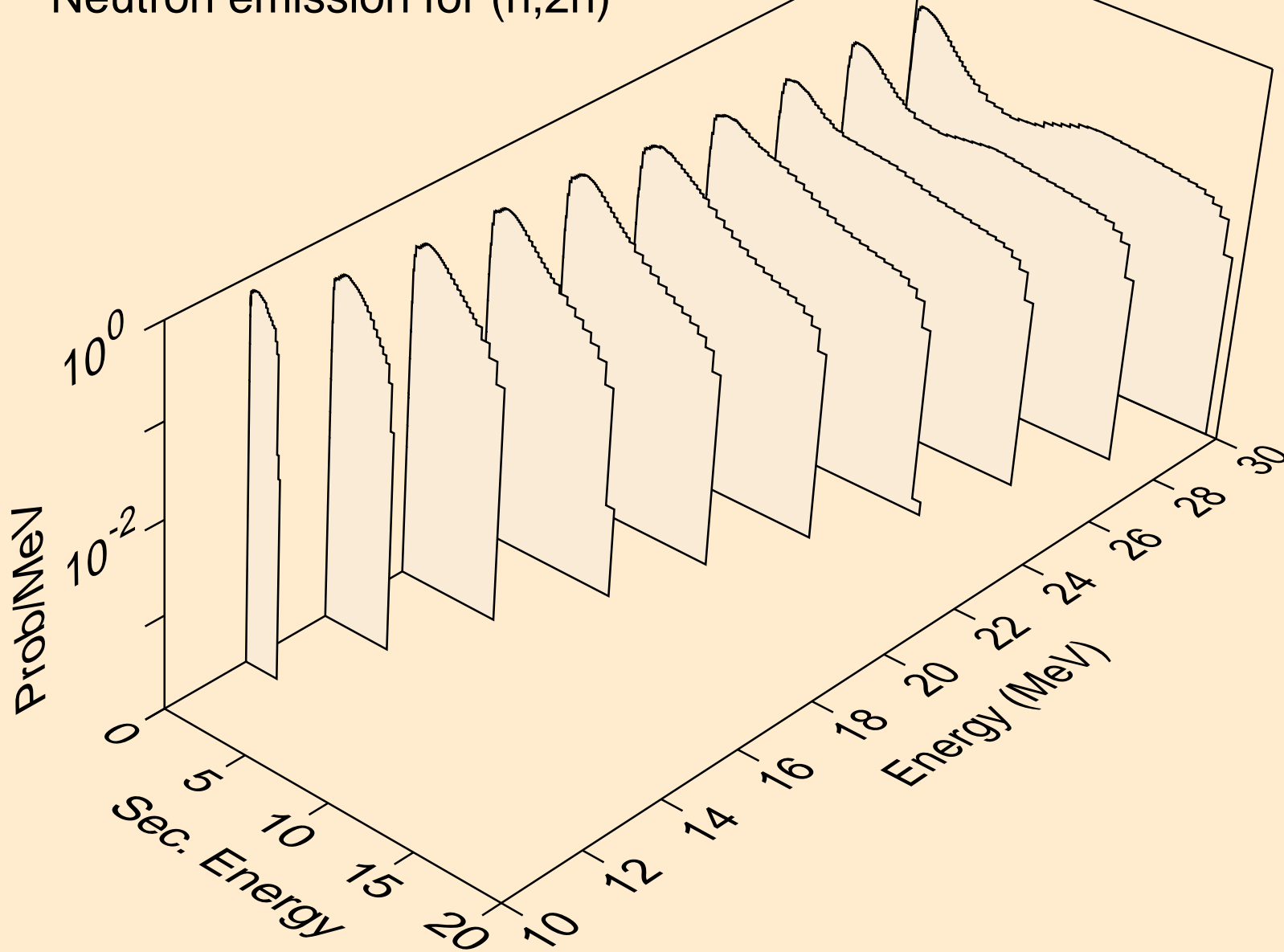




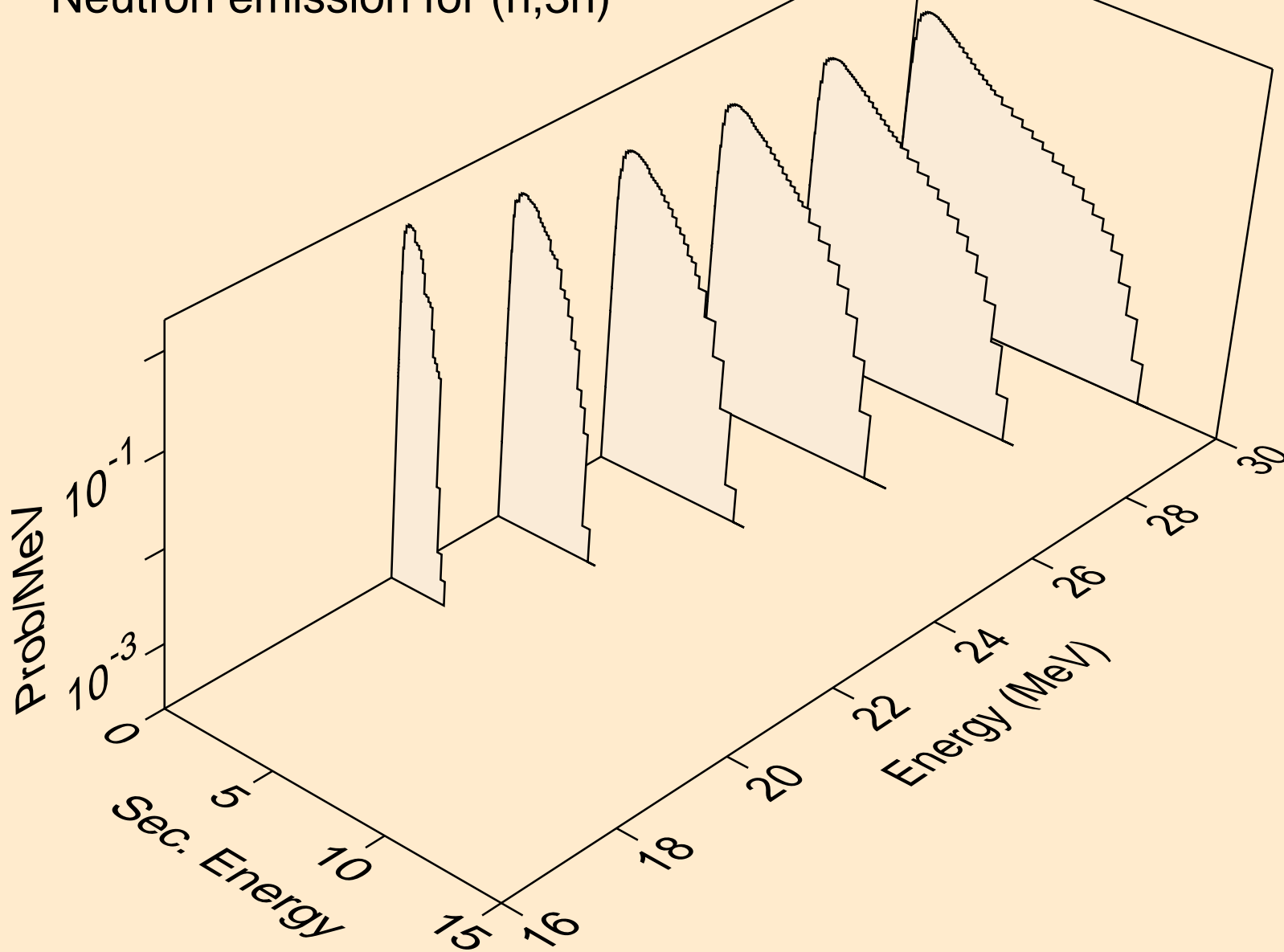
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



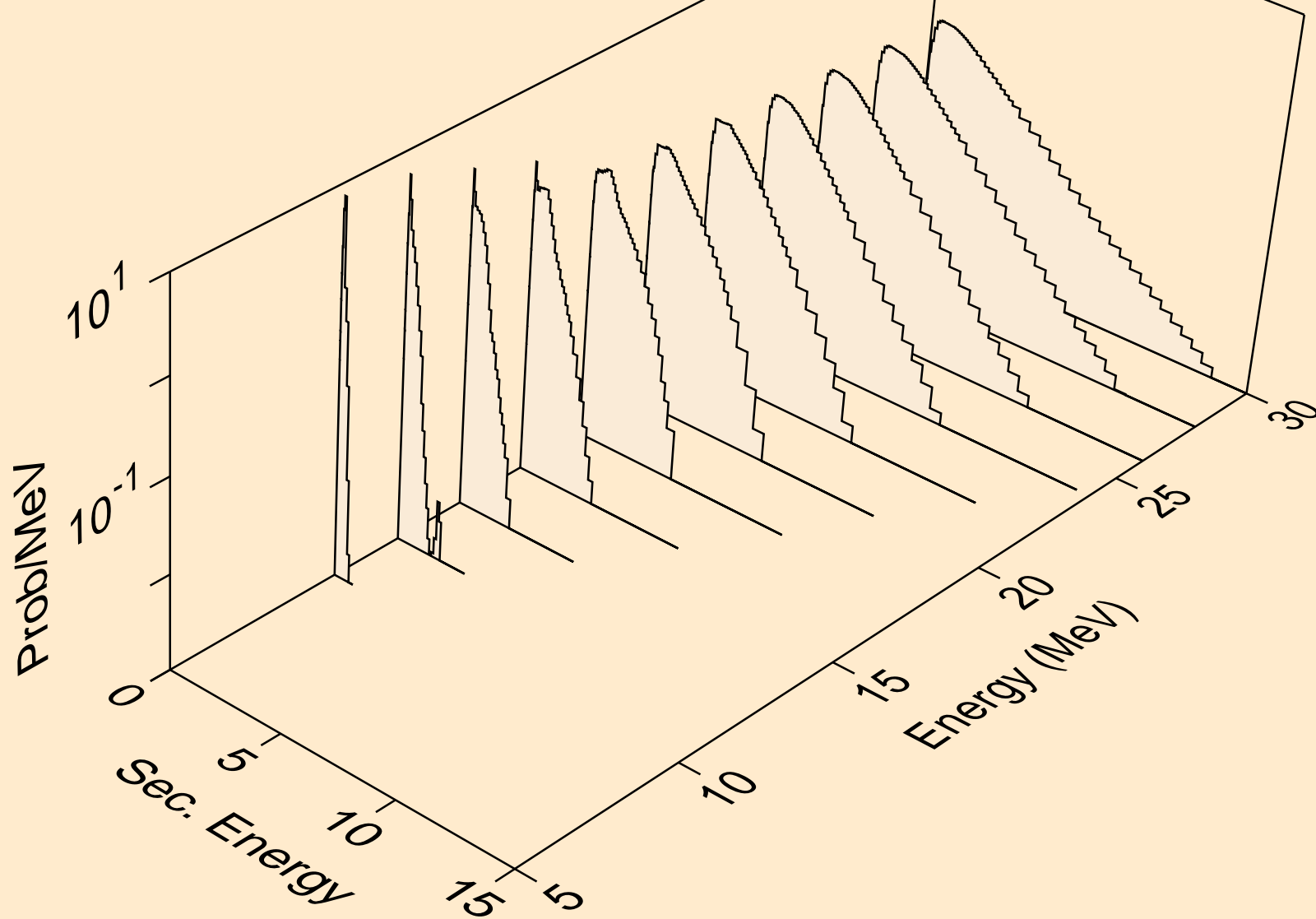
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



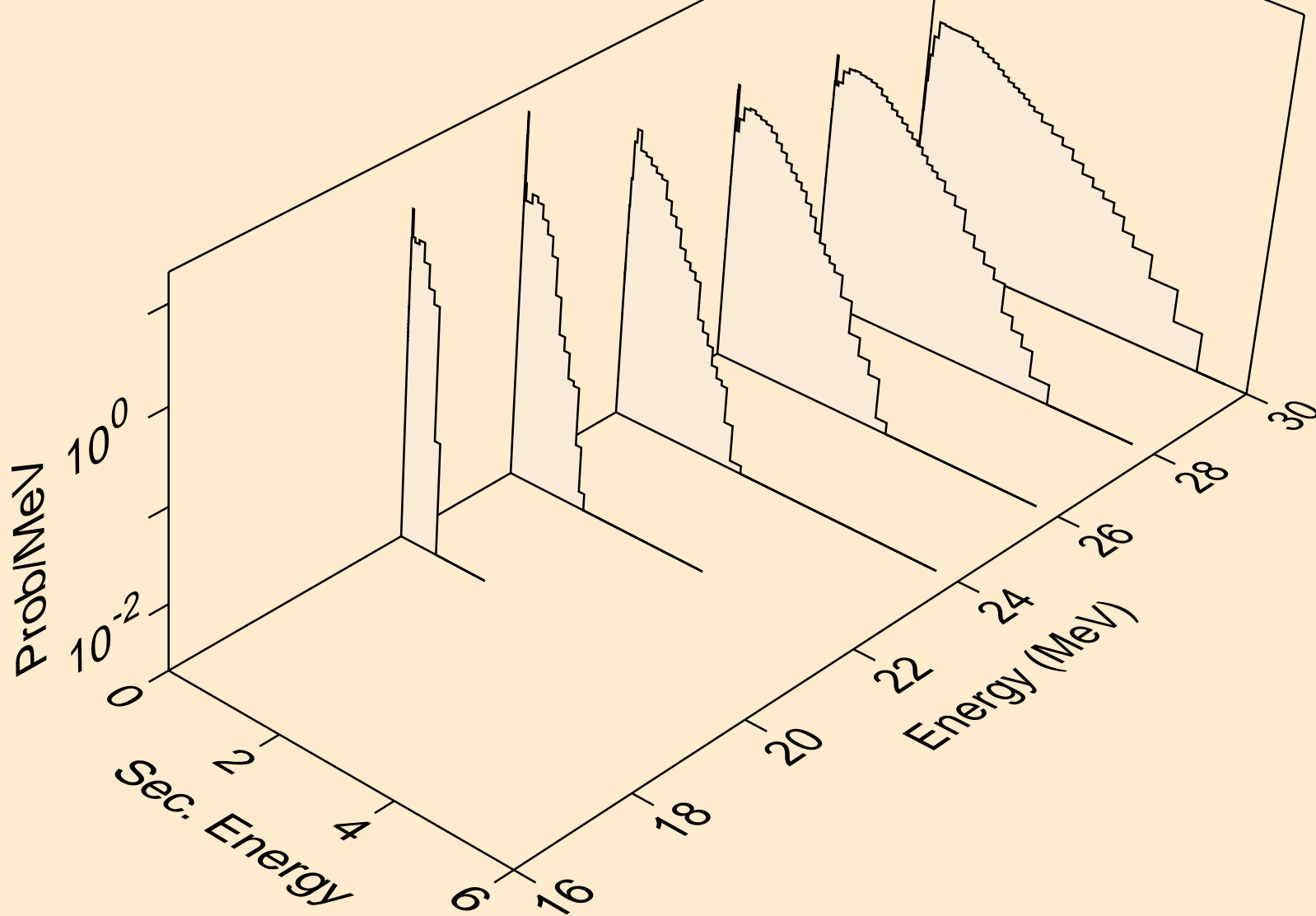
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



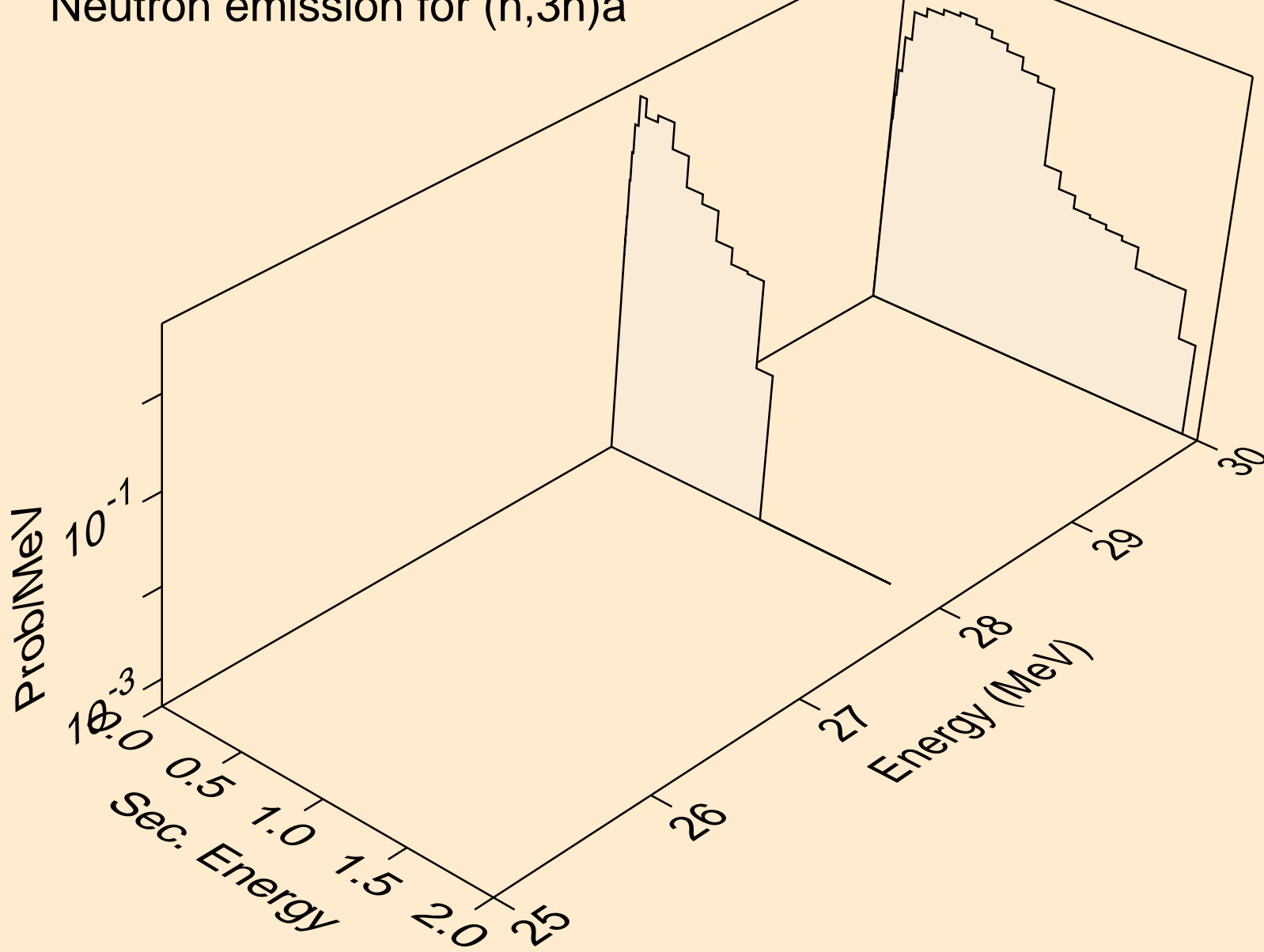
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



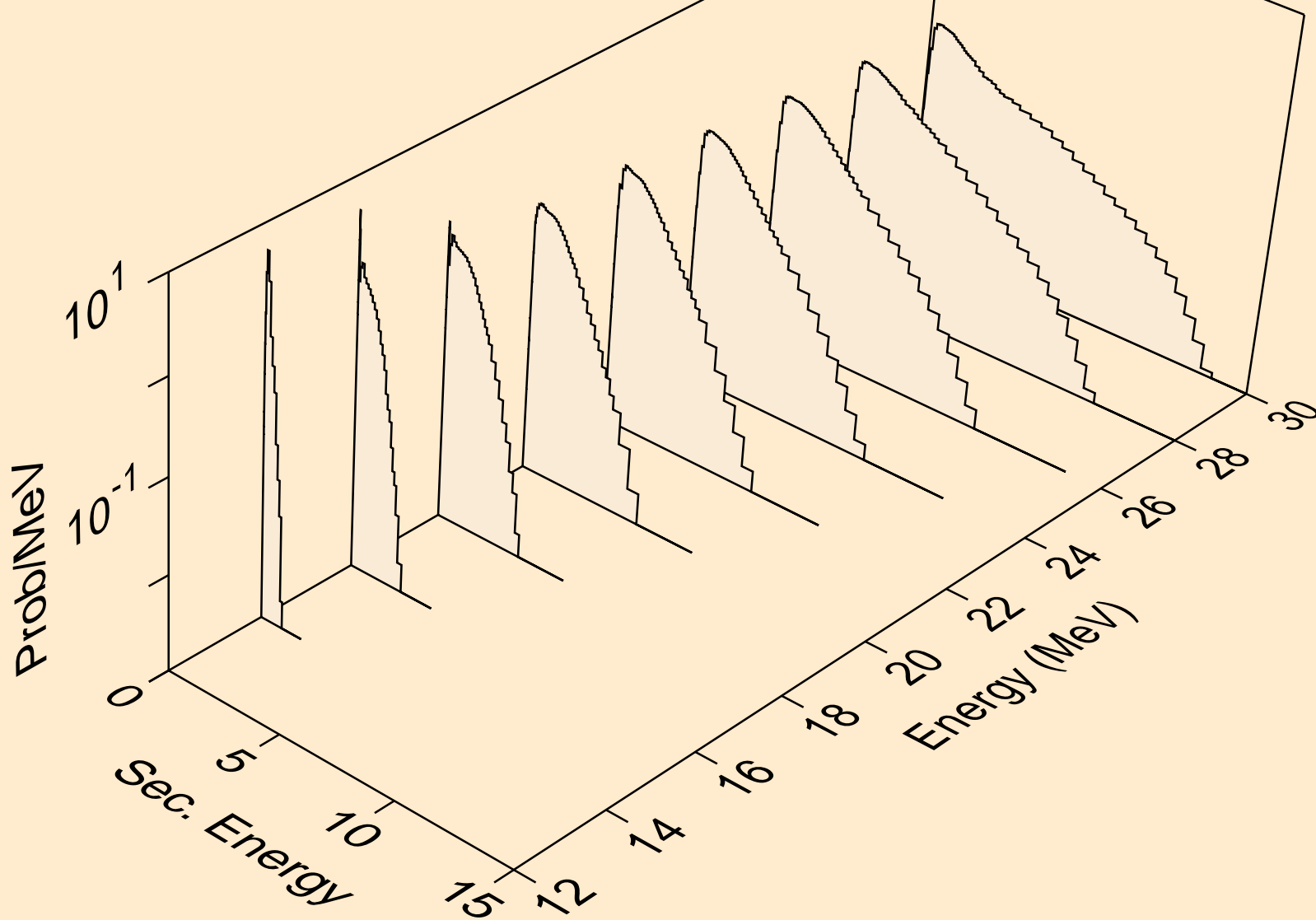
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



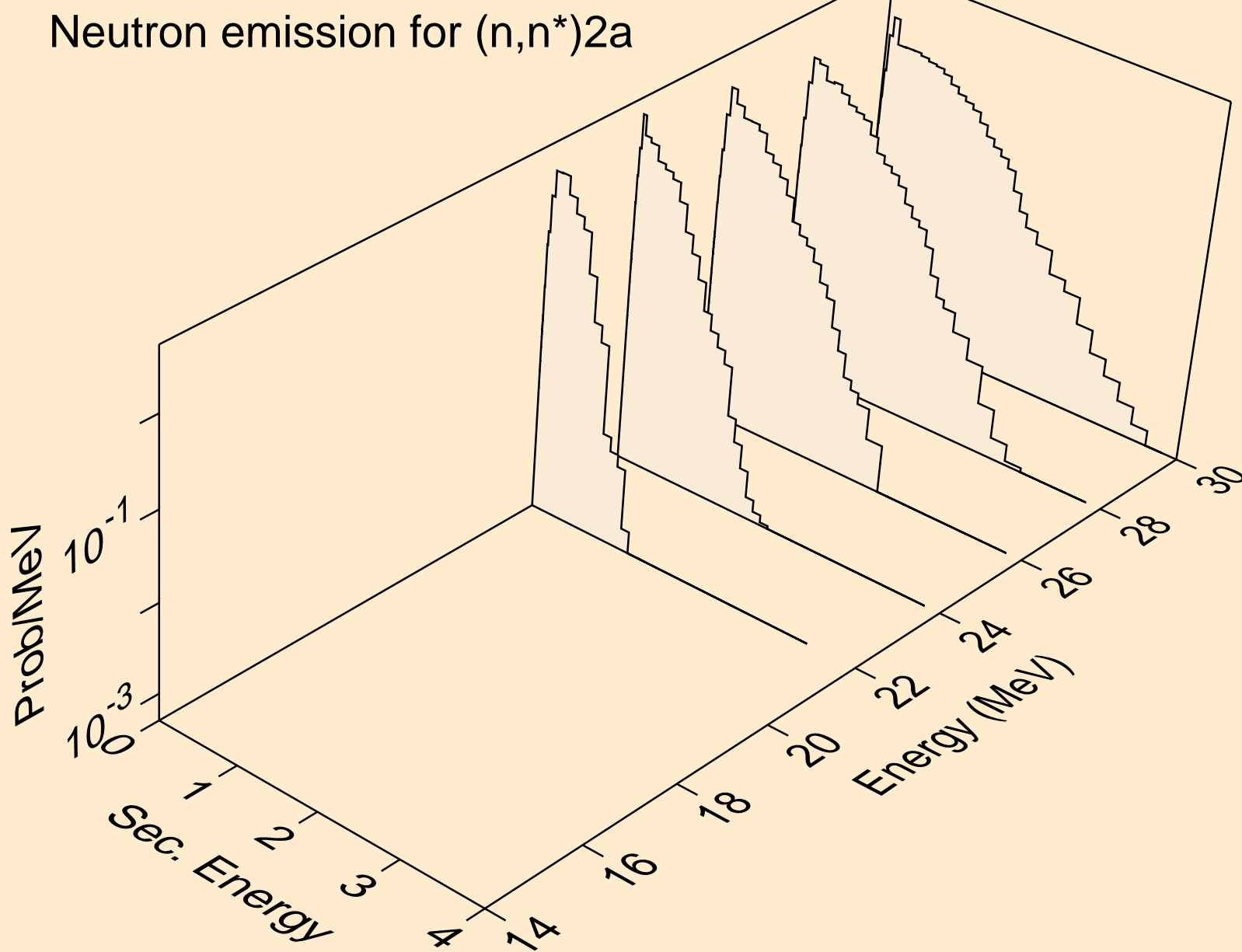
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p

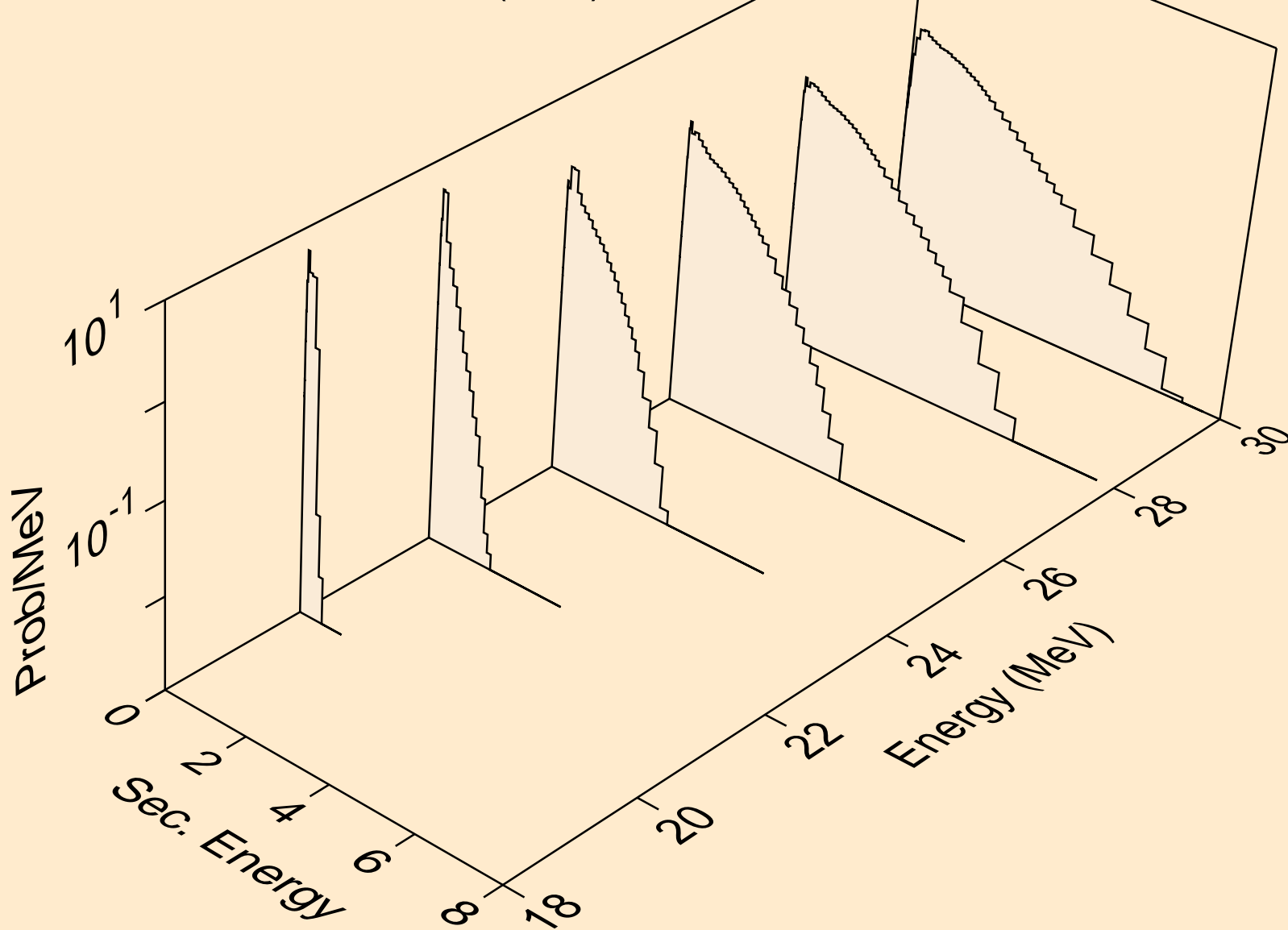


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a

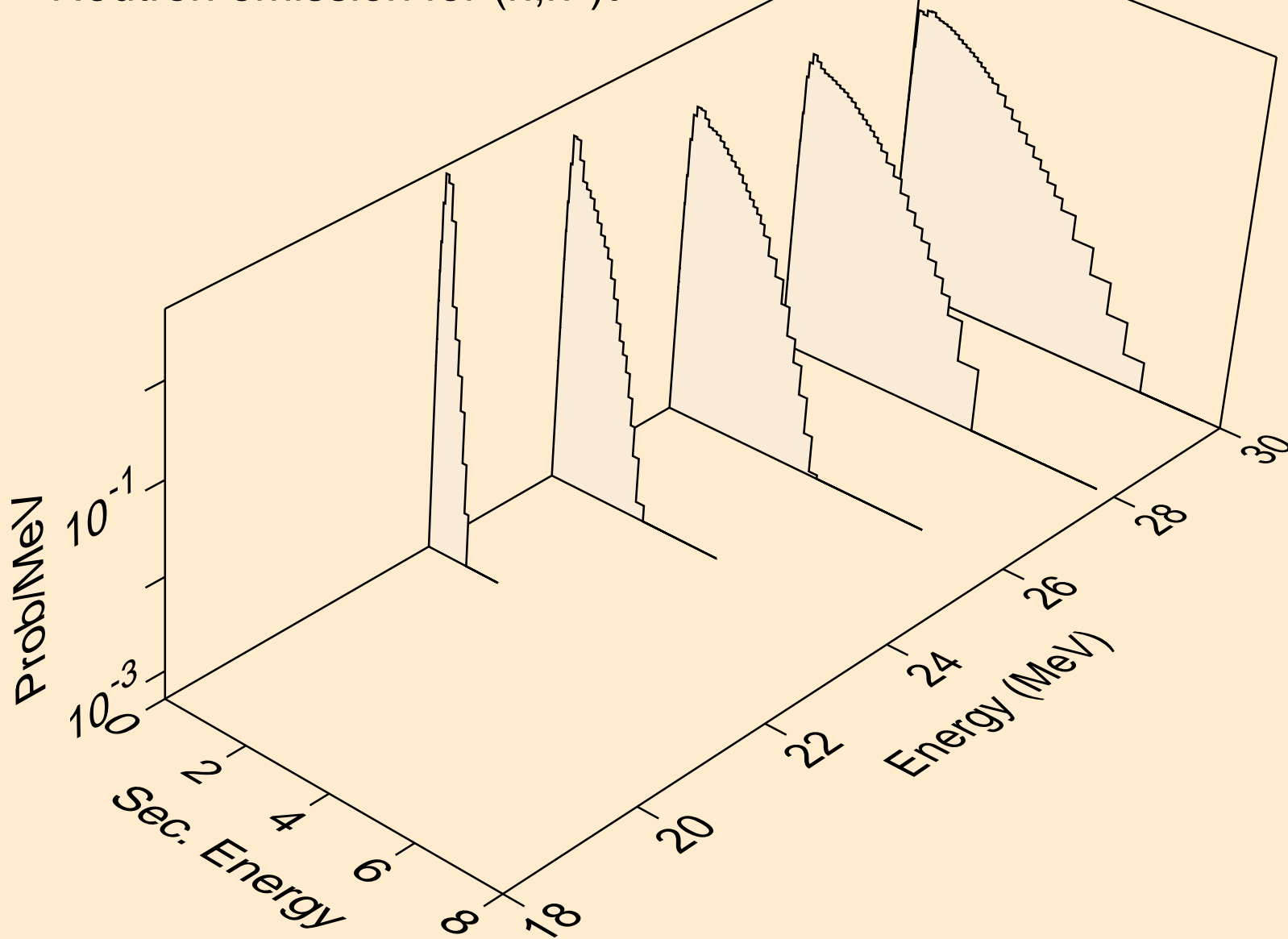




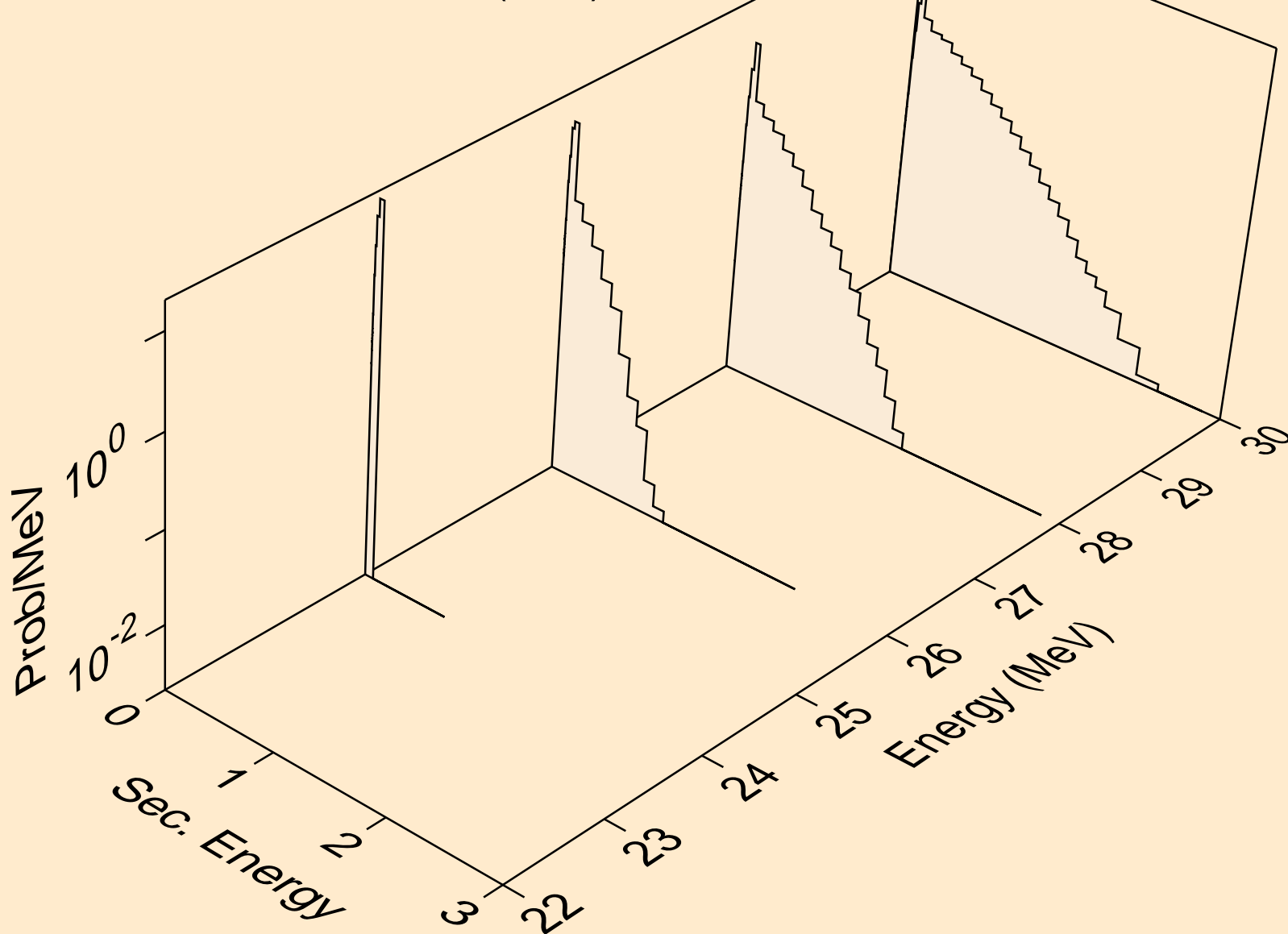
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



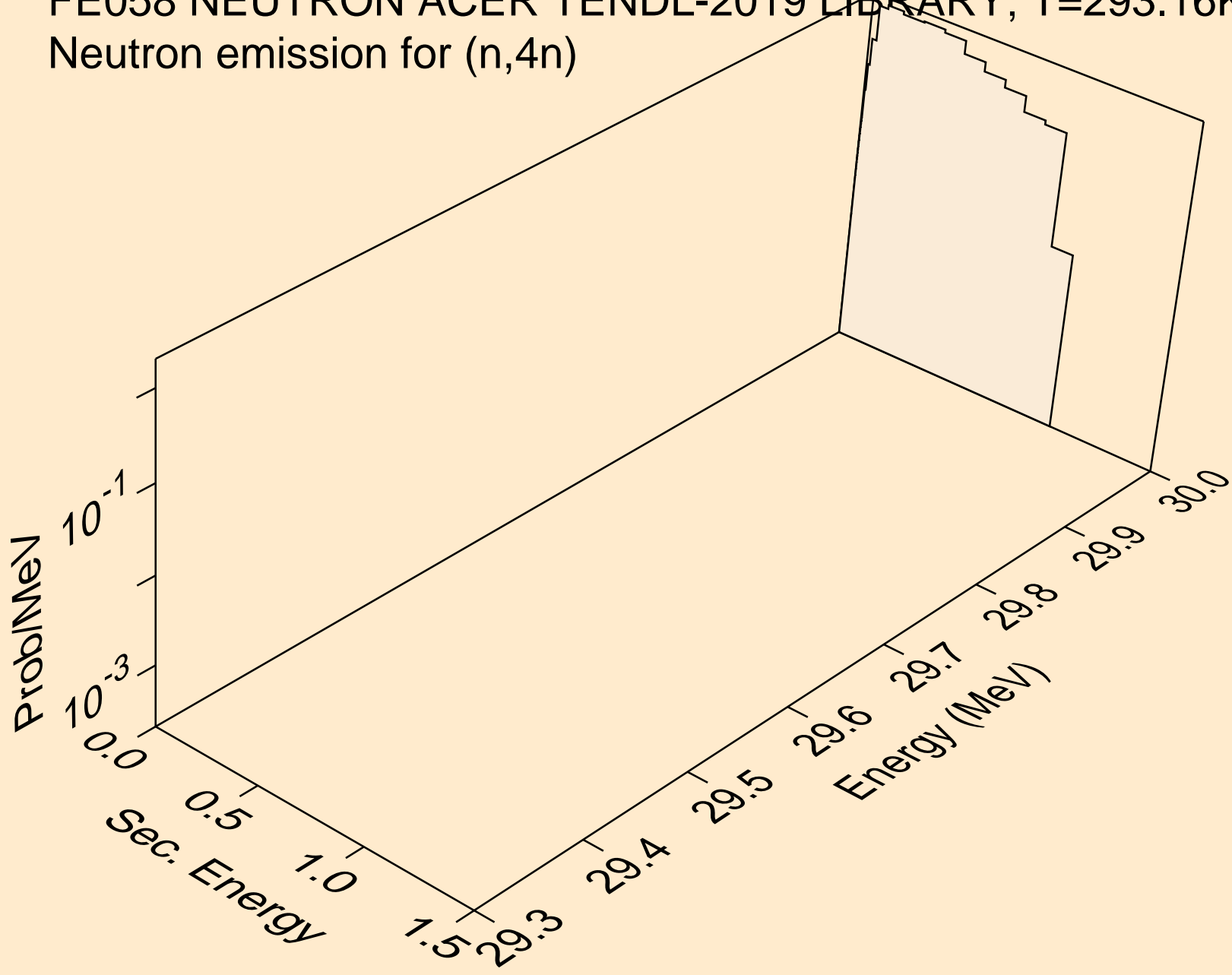
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



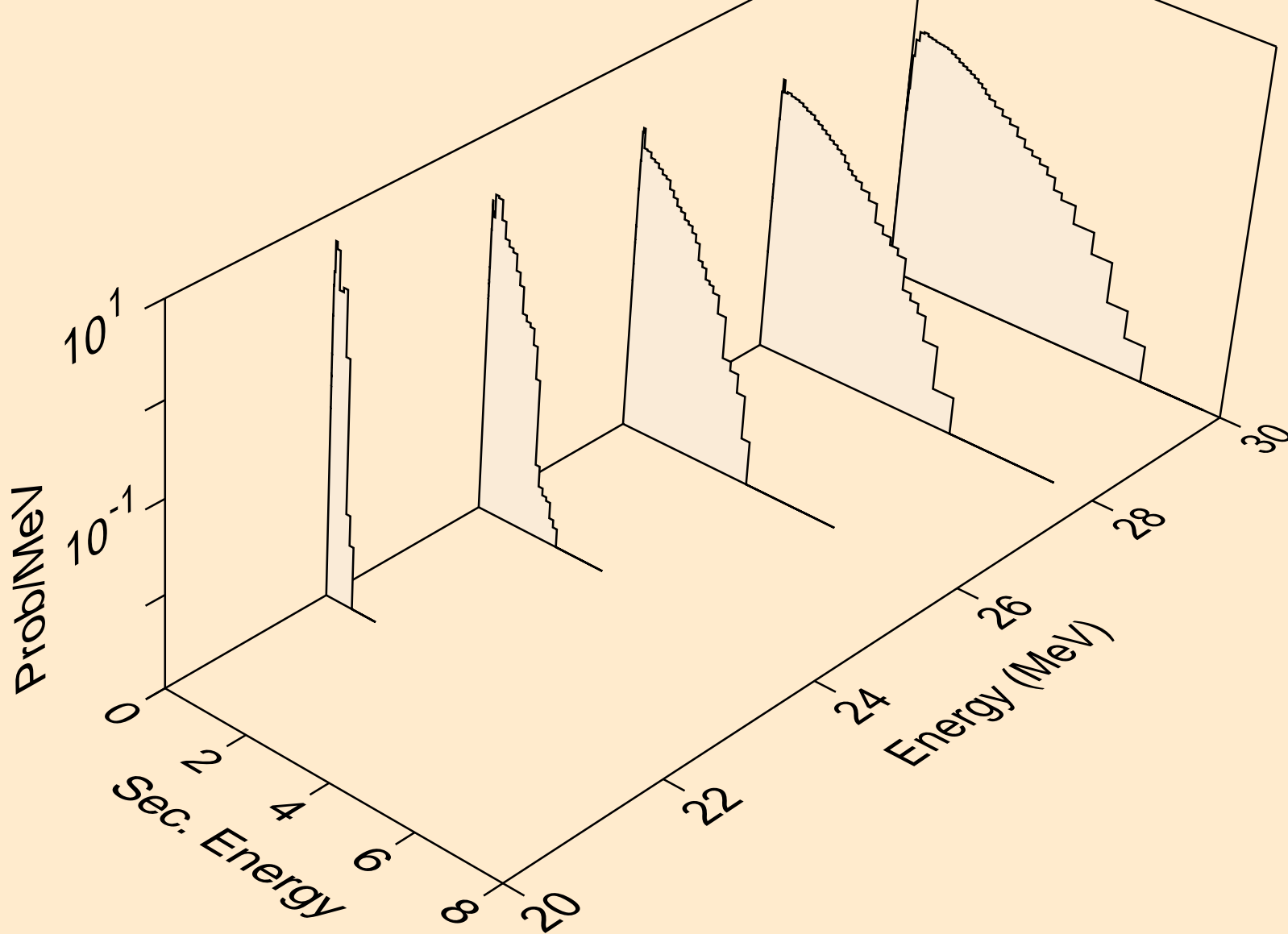
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



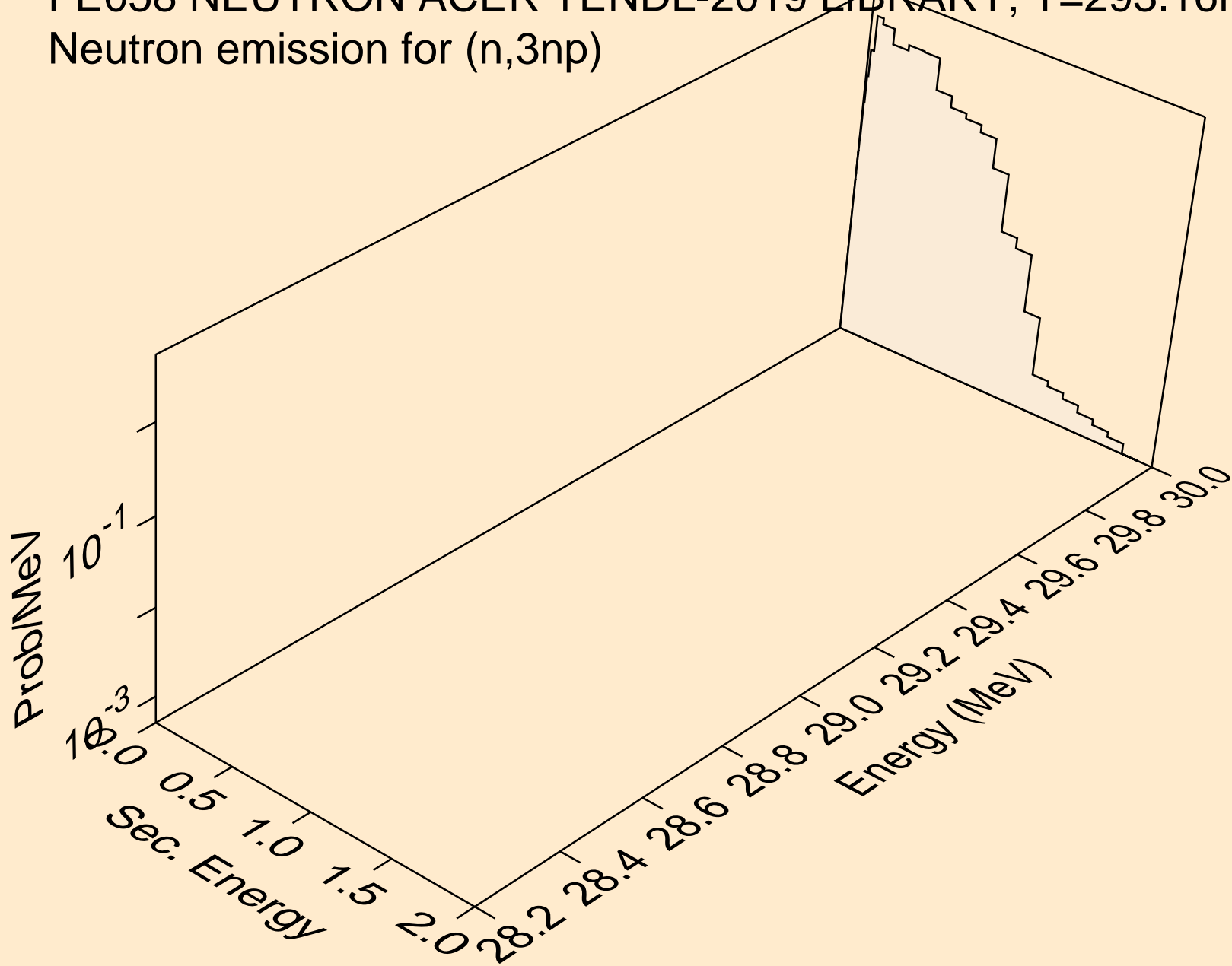
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



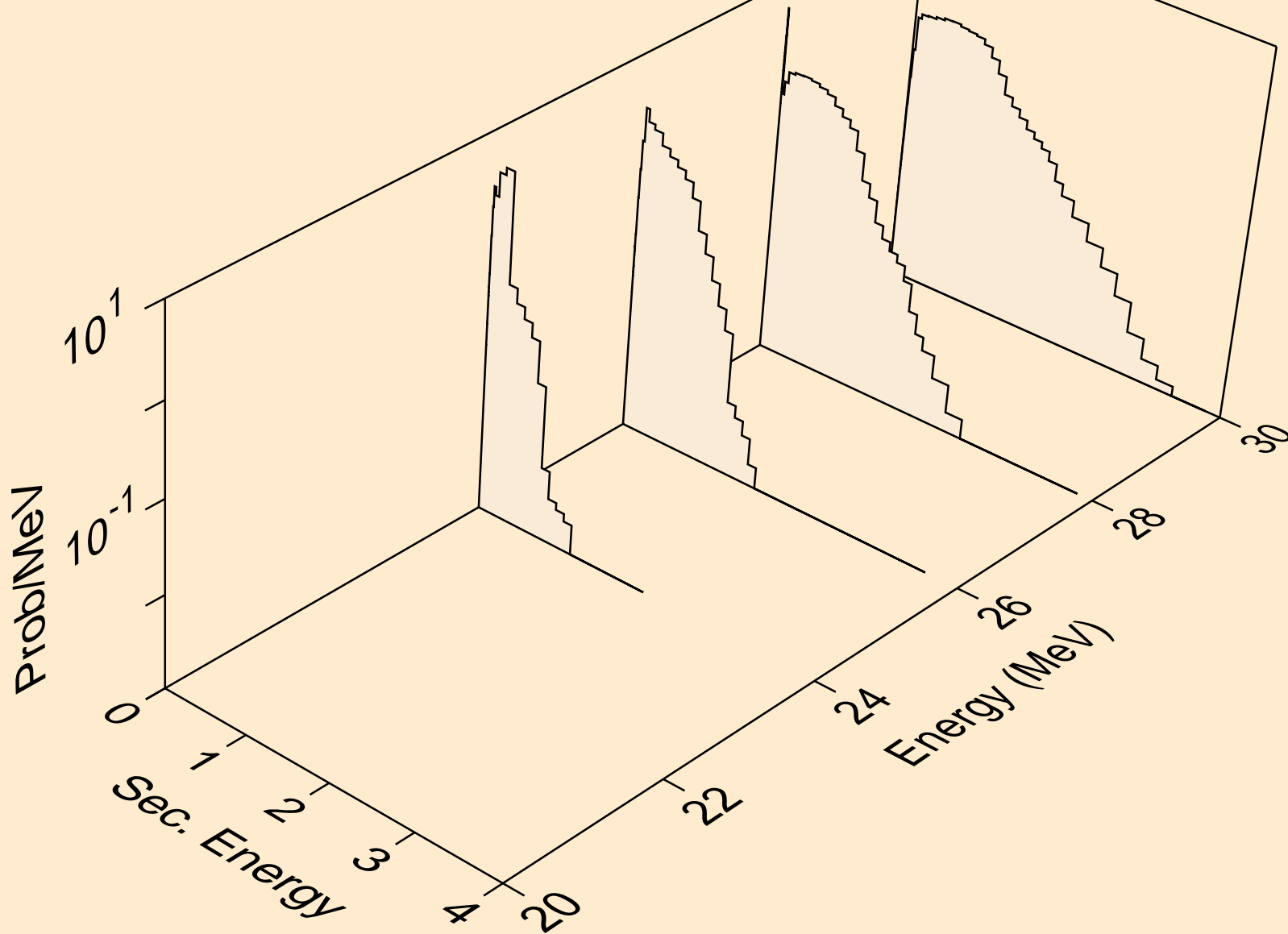
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



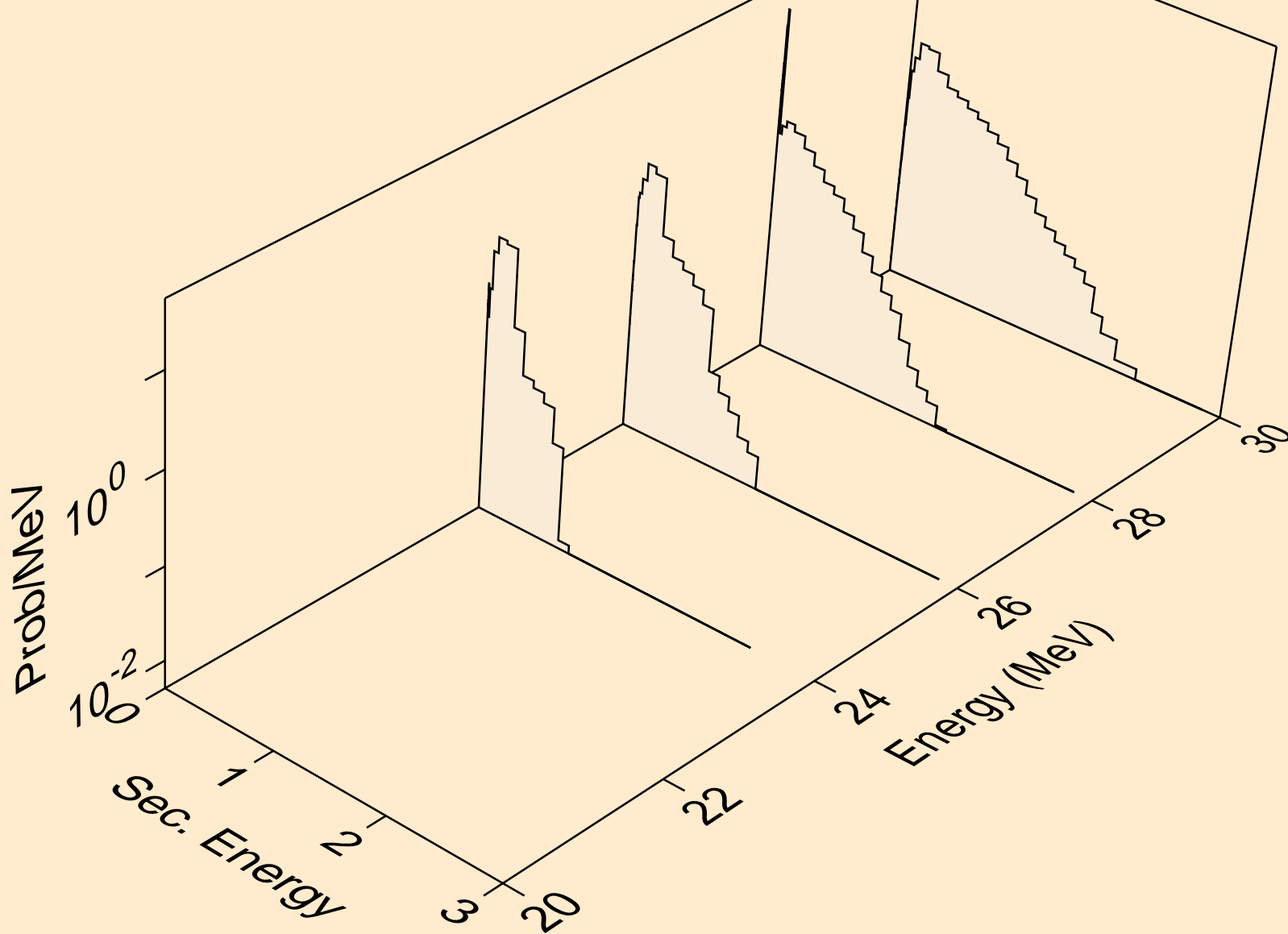
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

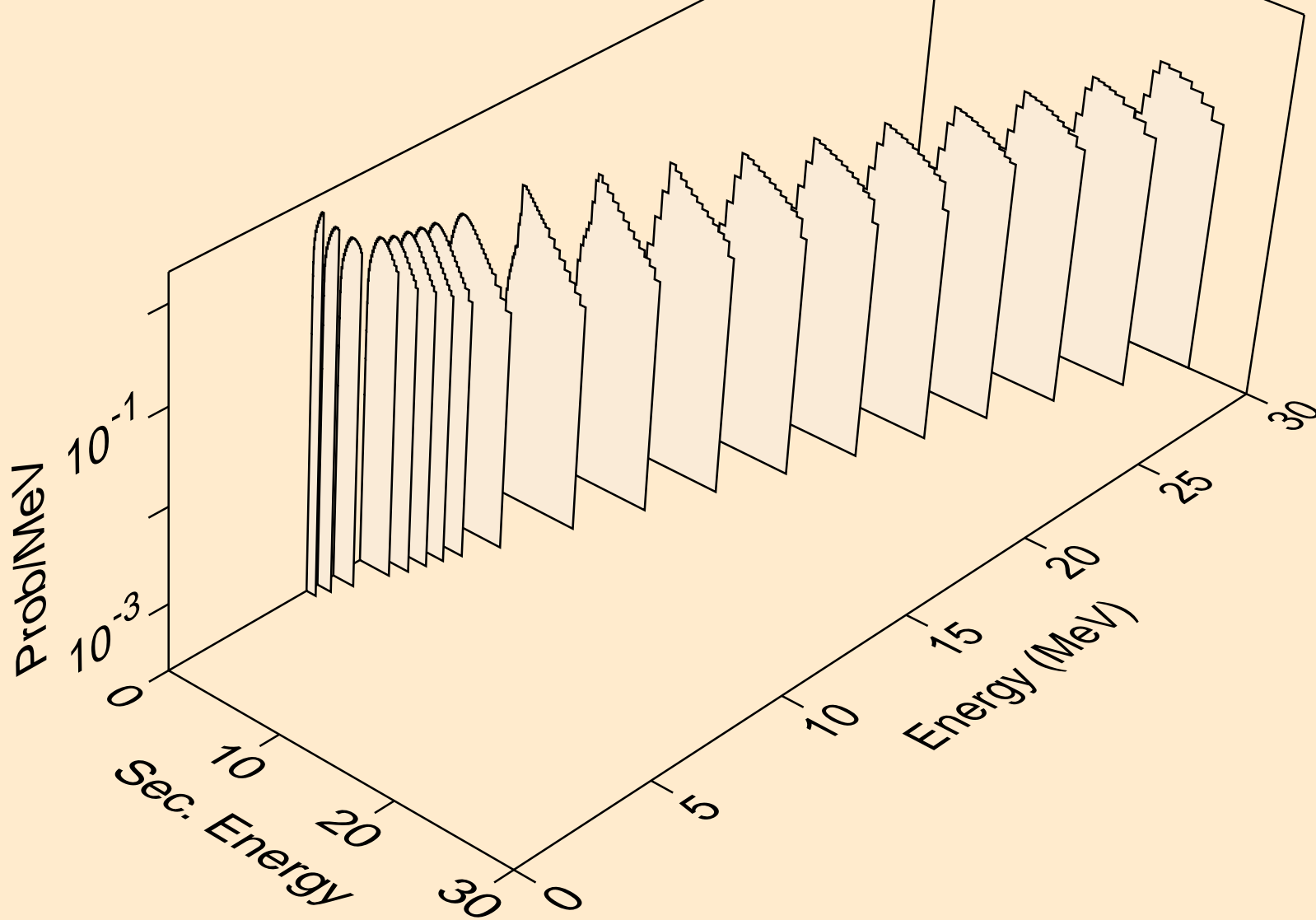


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)

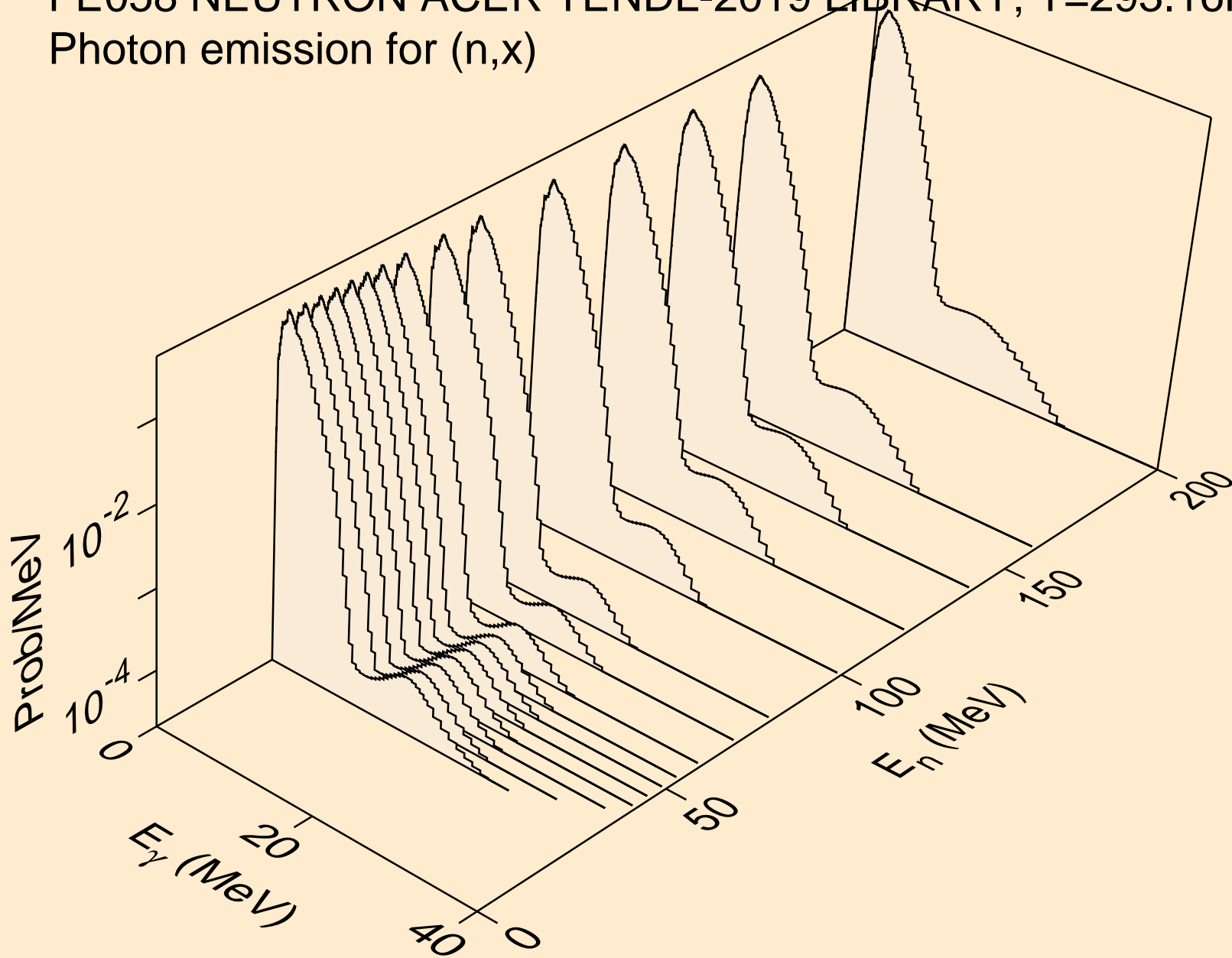




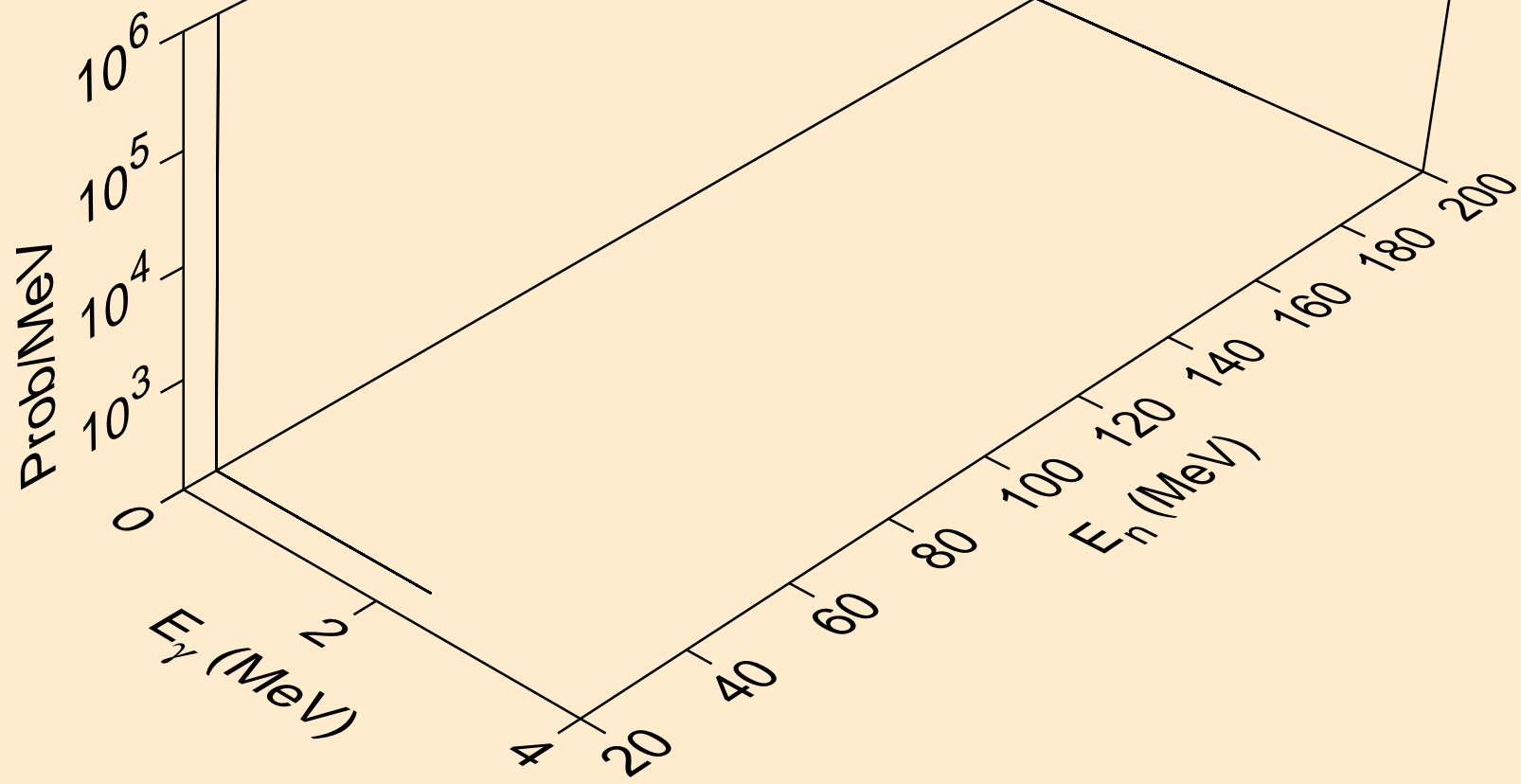
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



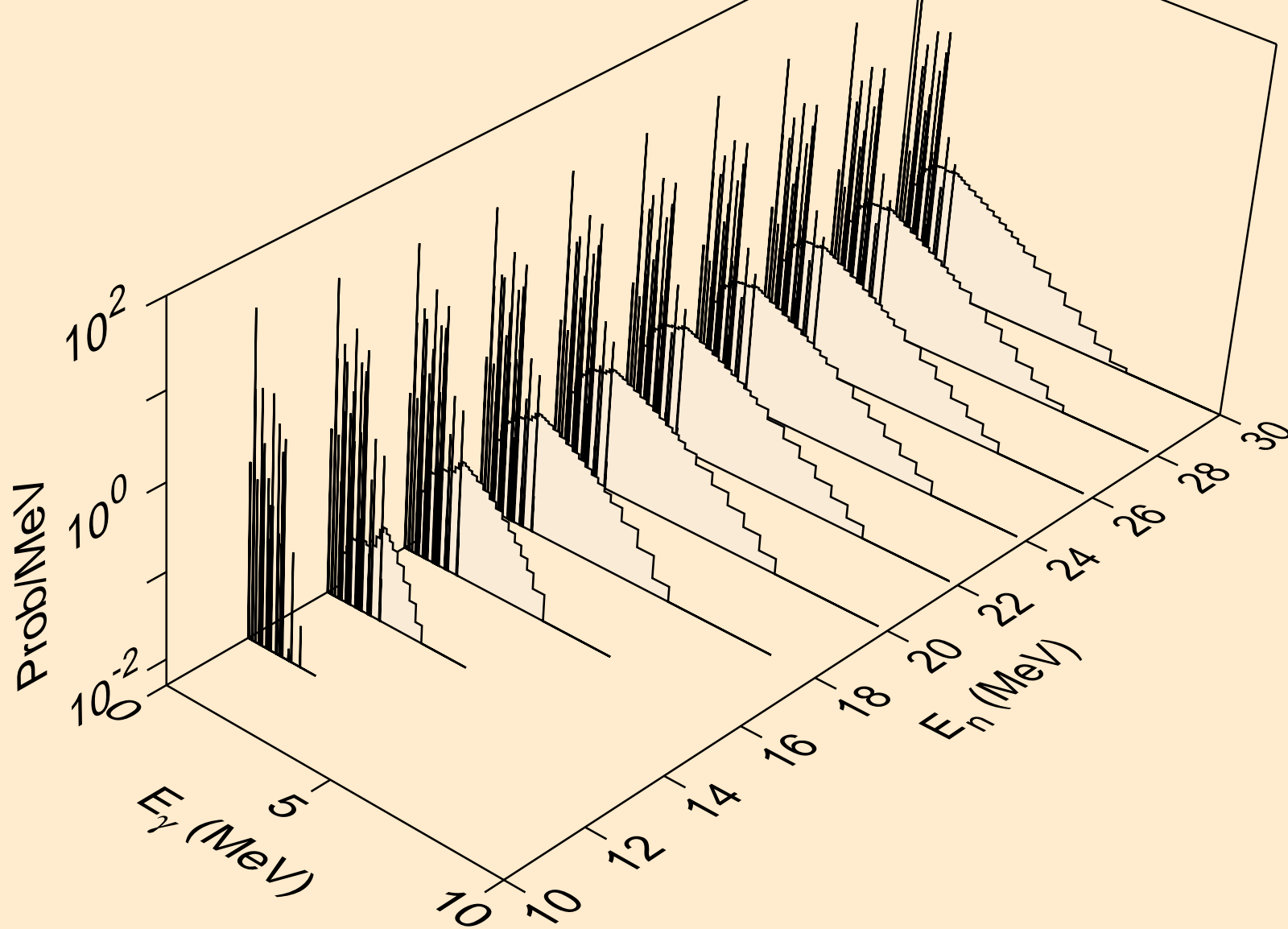
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



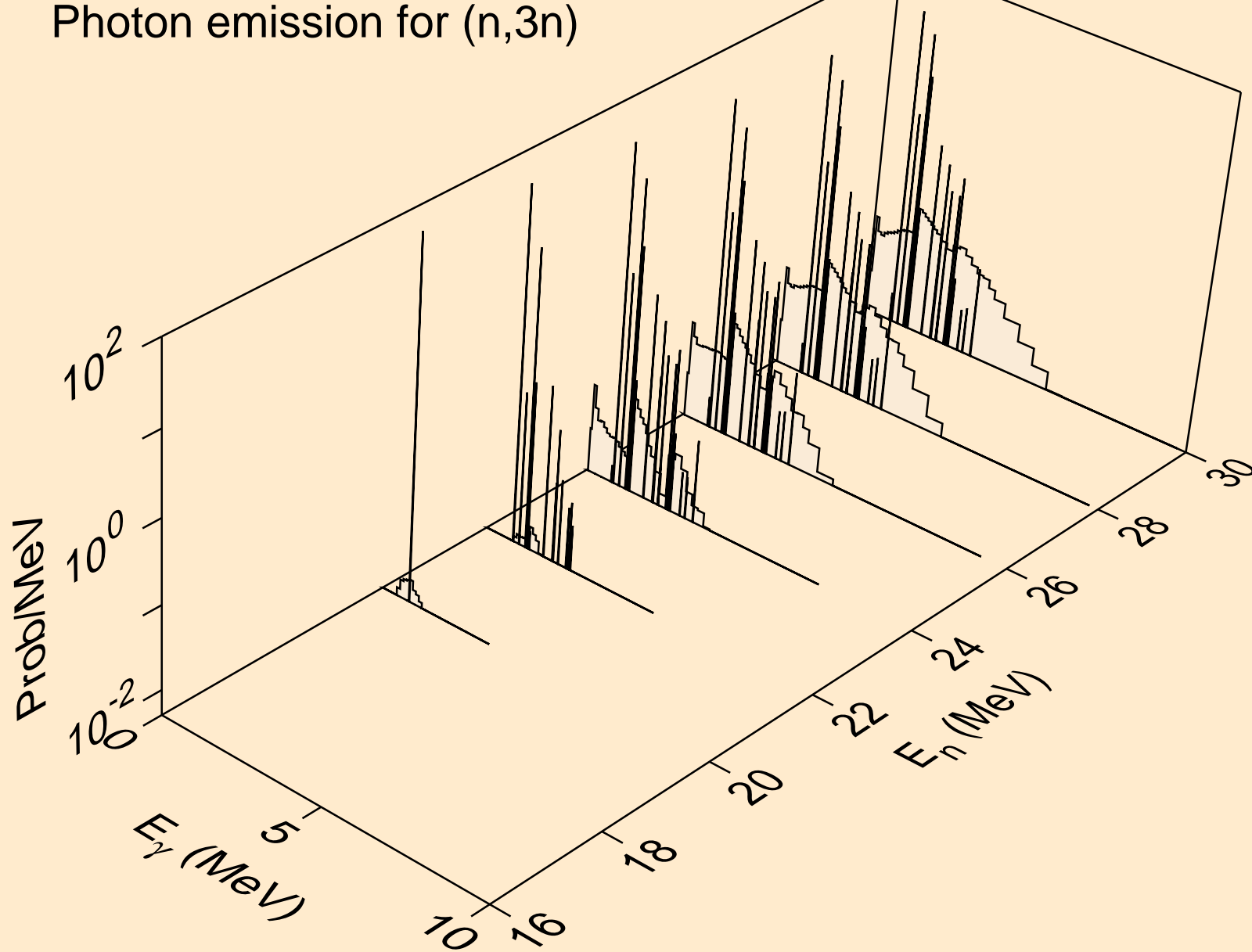
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



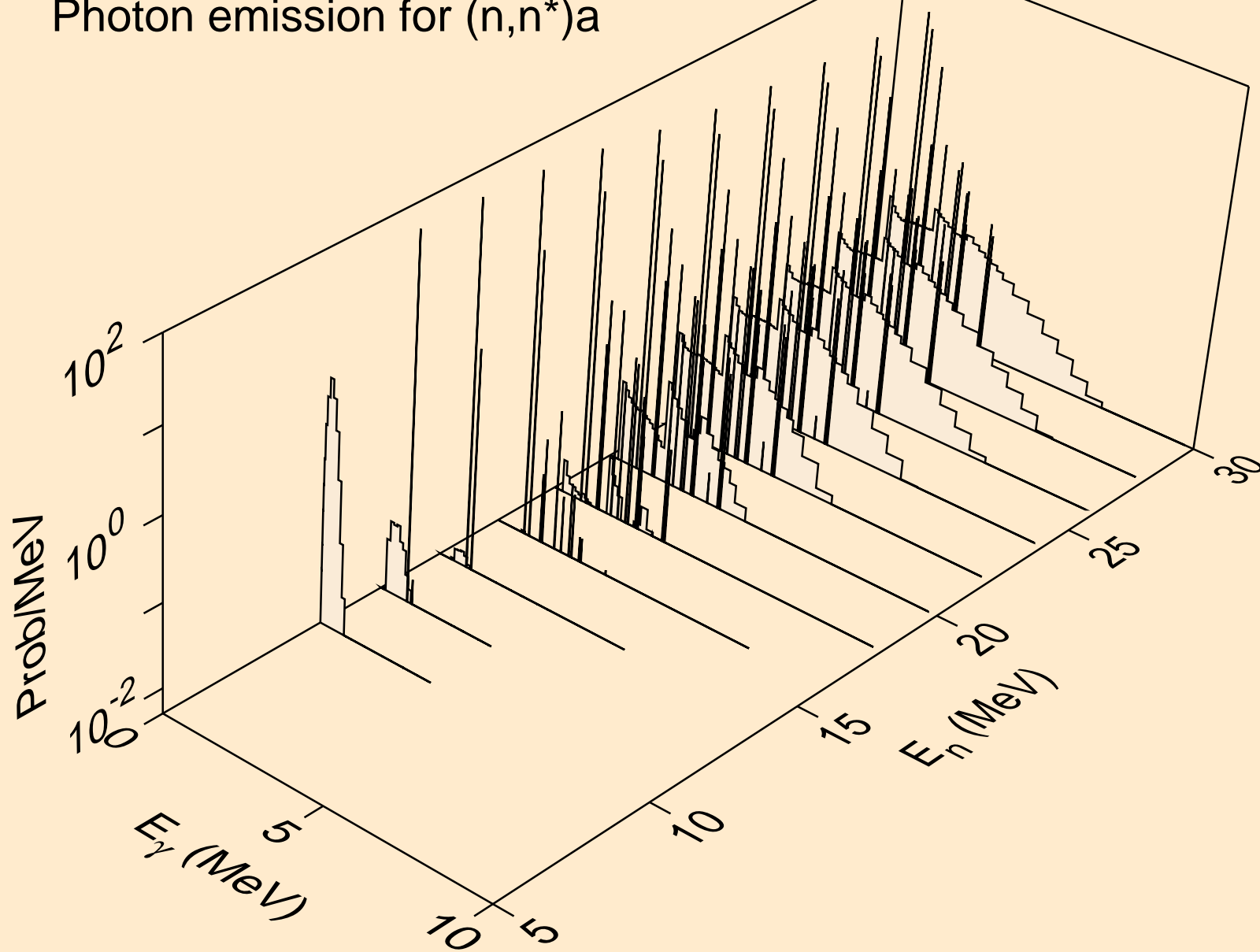
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



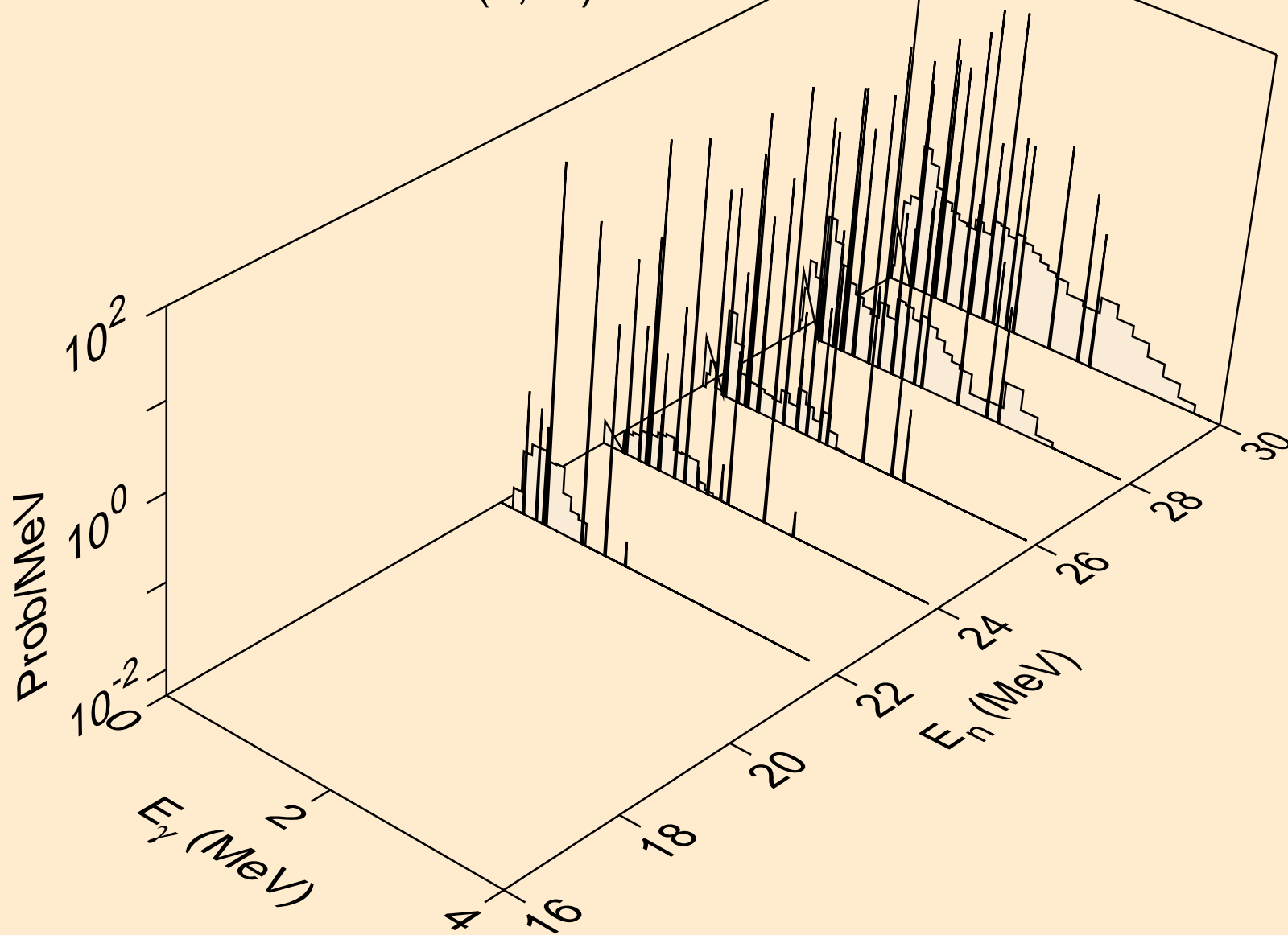
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



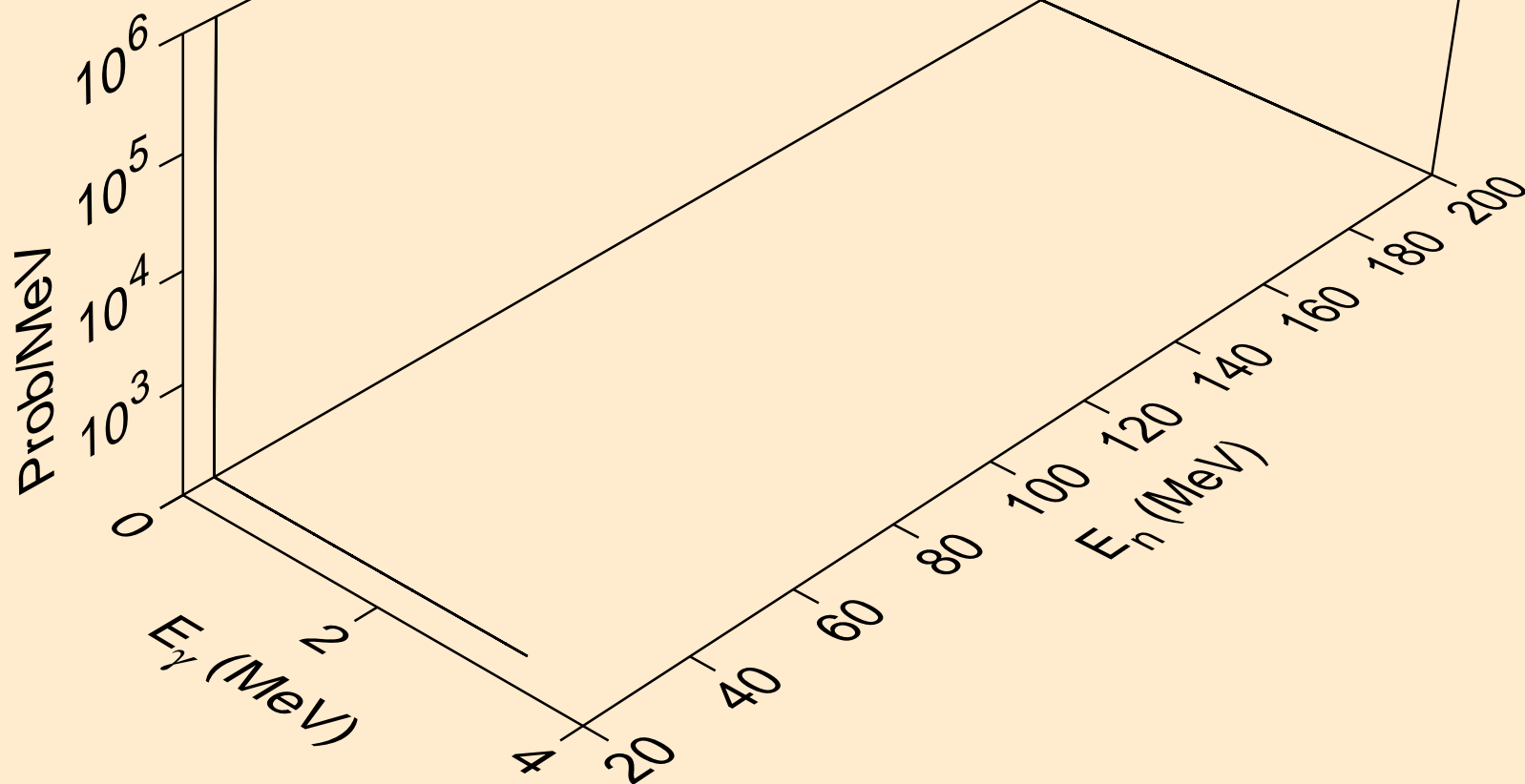
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a

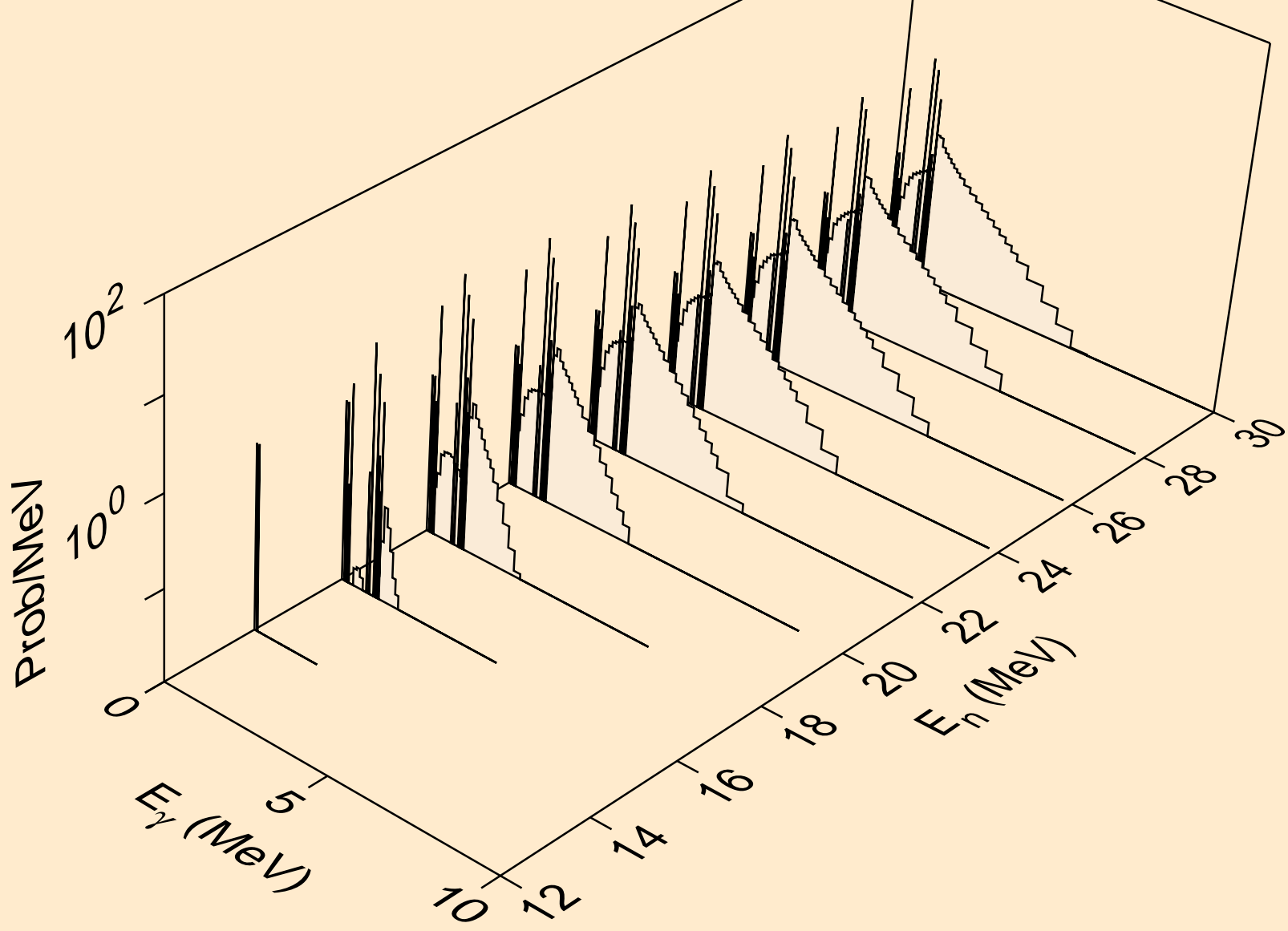


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

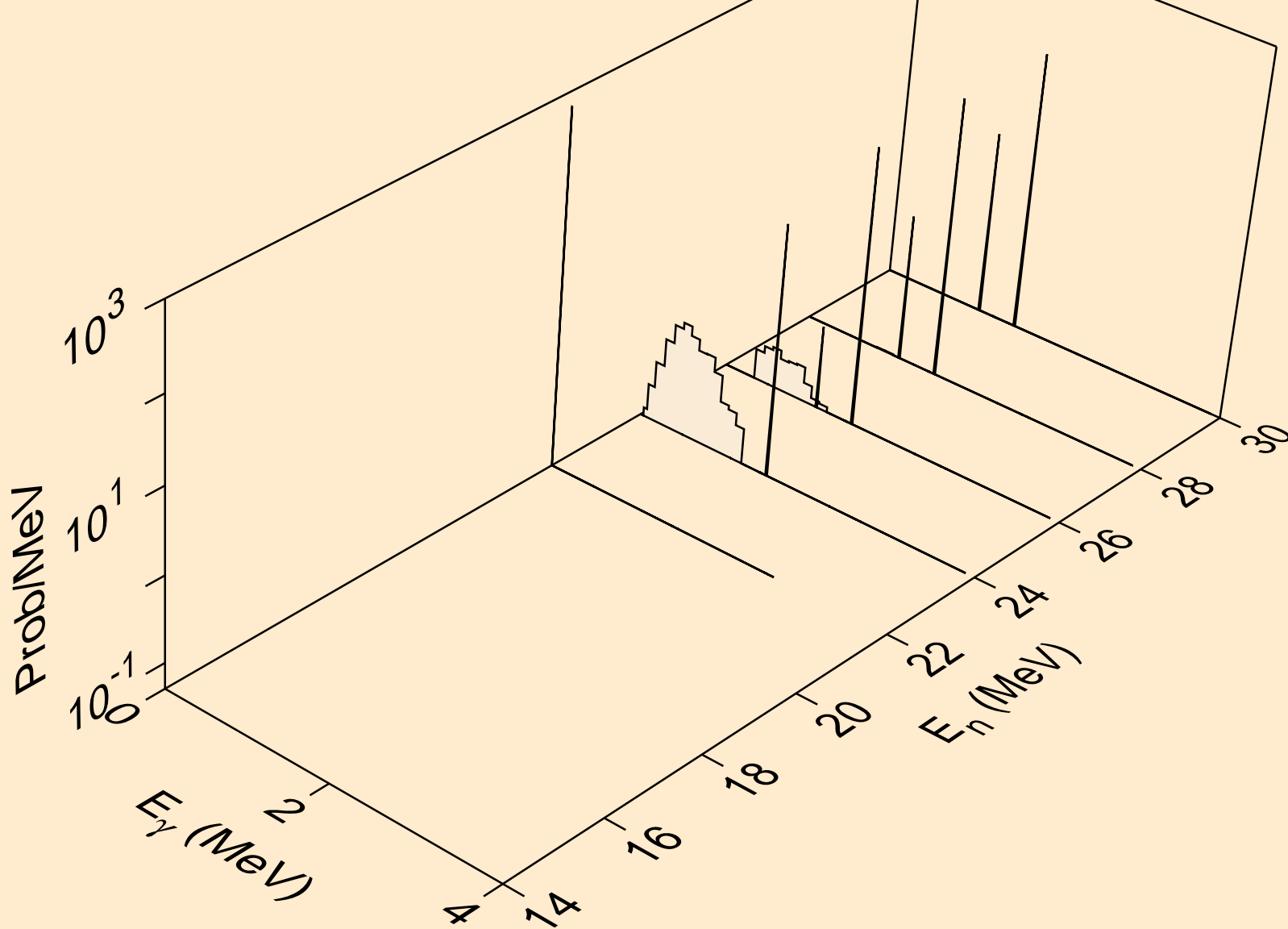




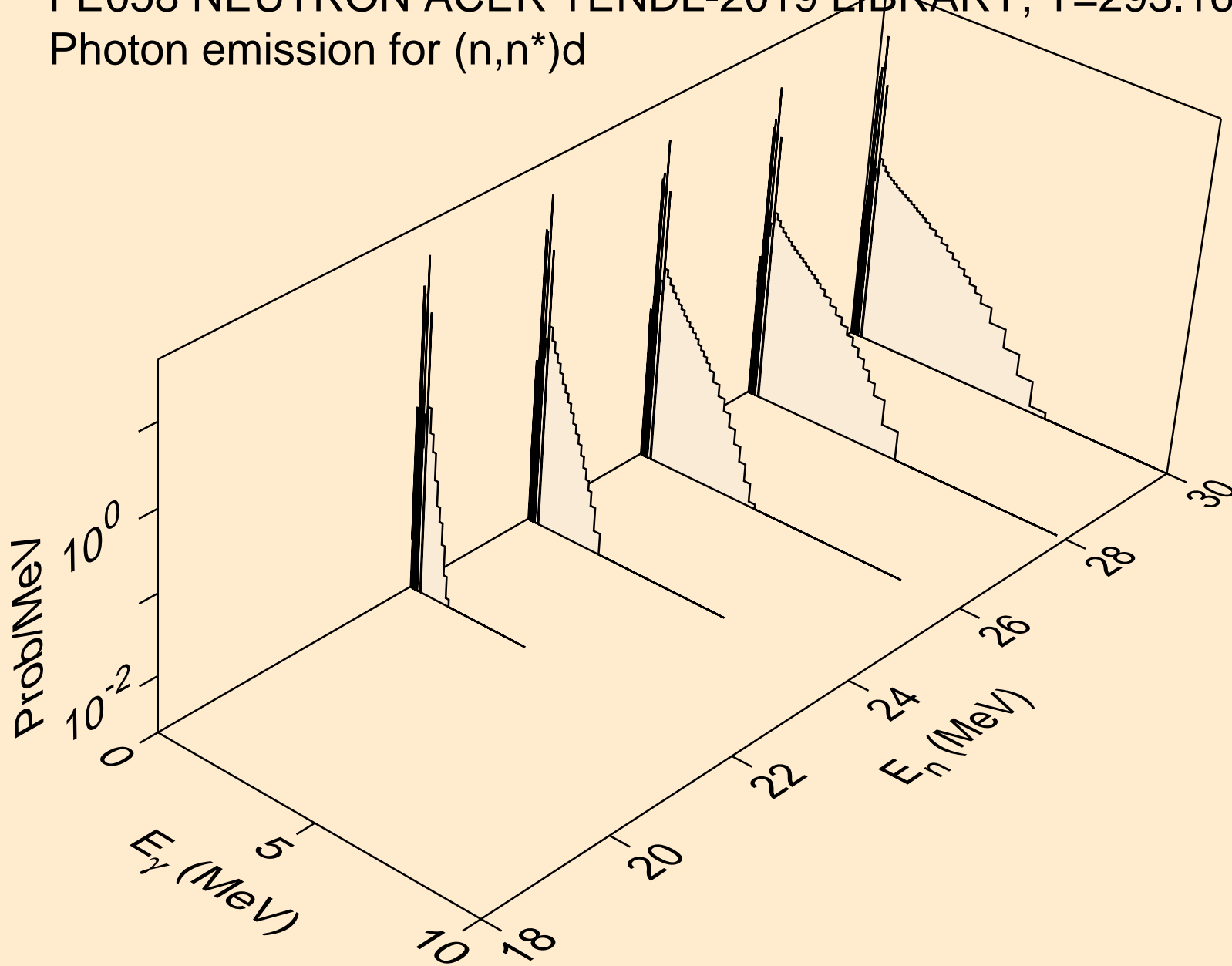
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



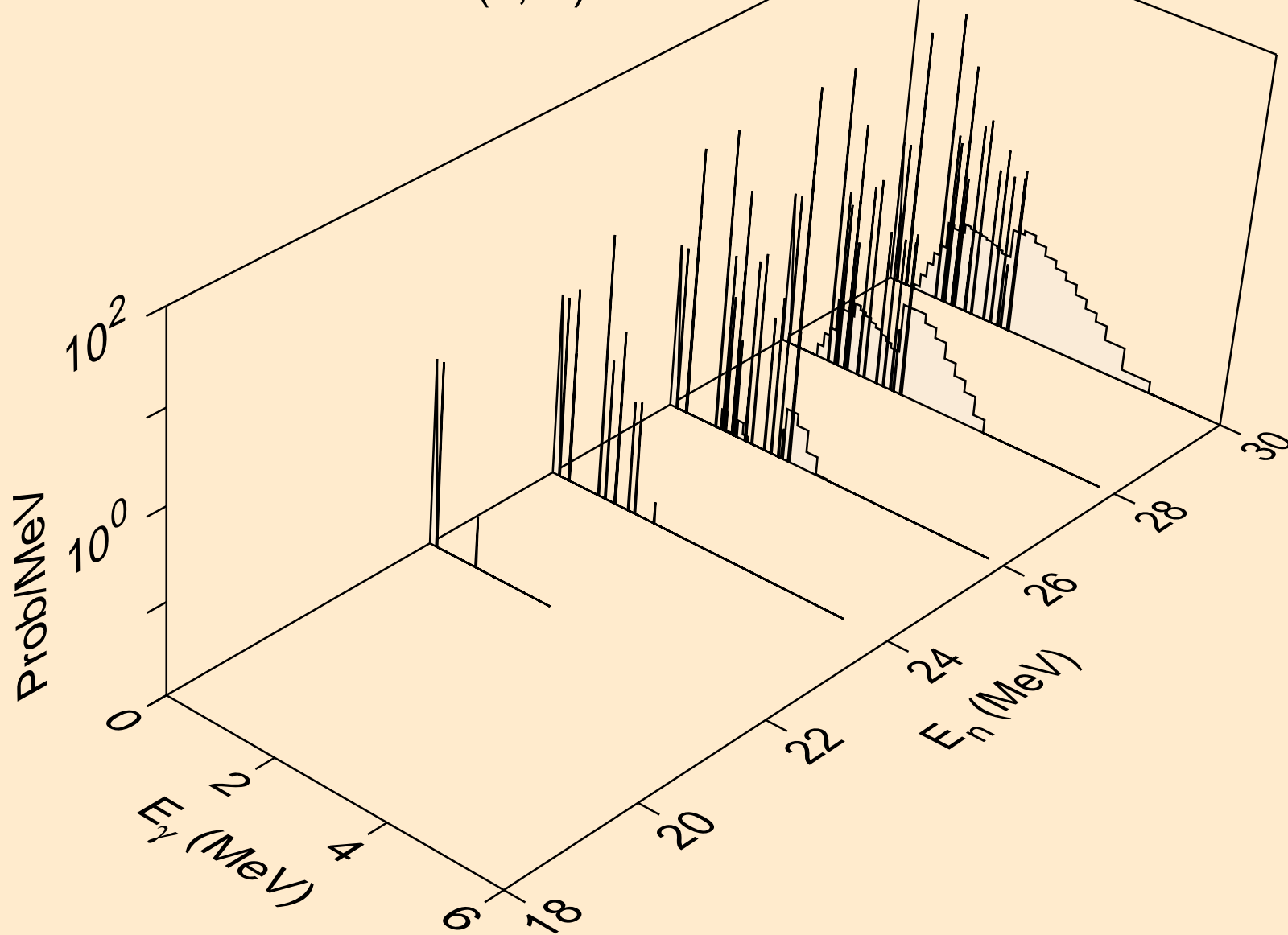
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



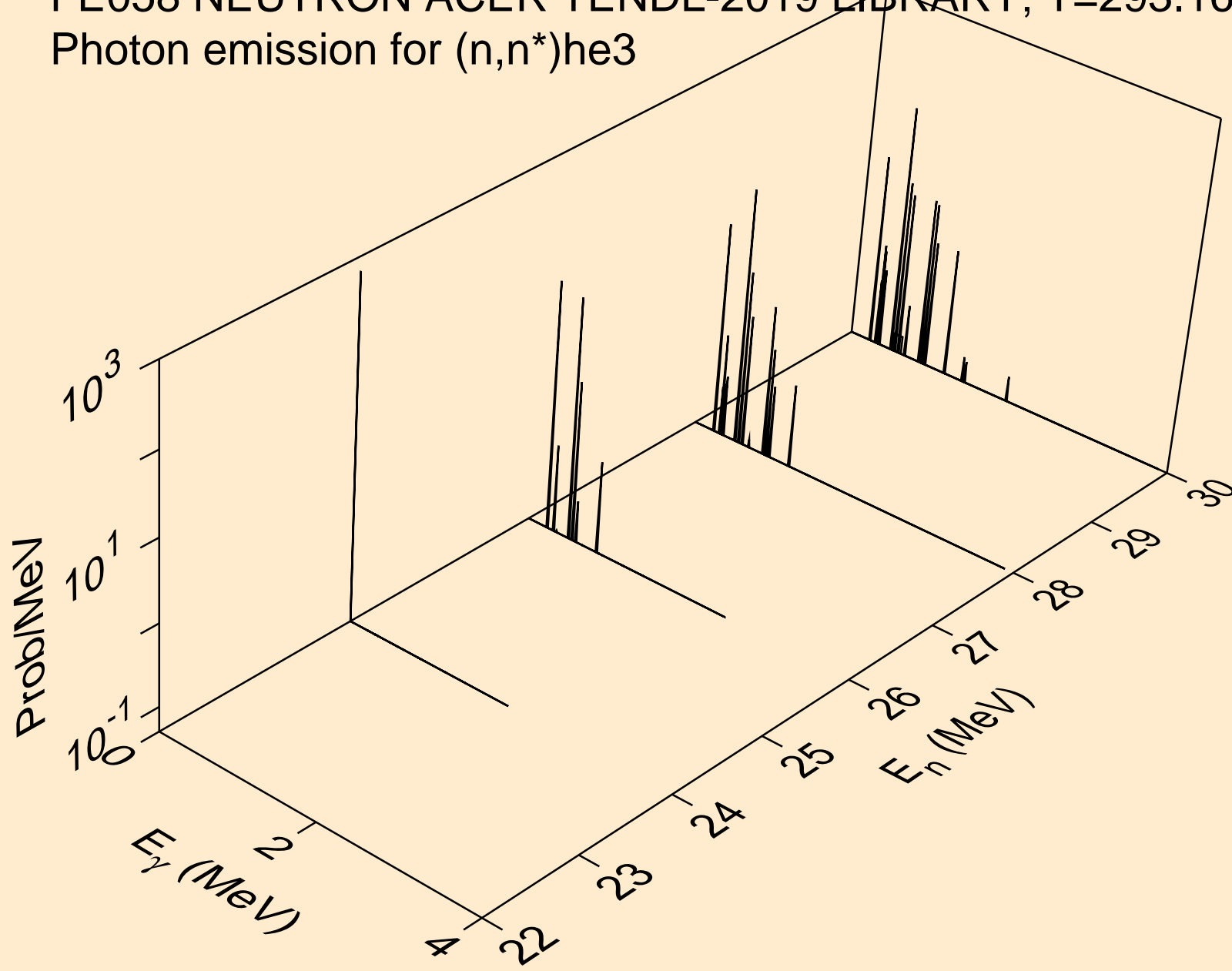
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



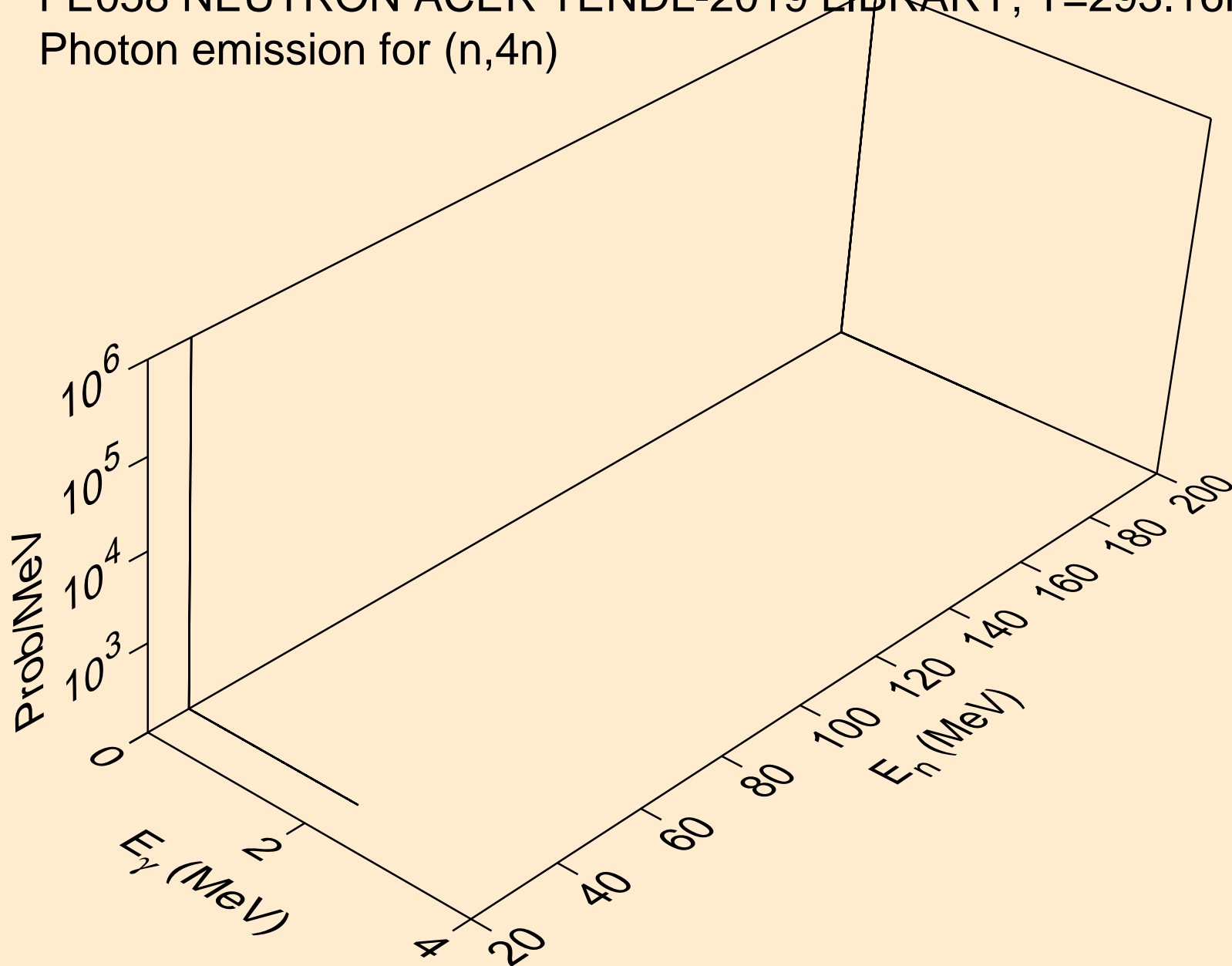
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



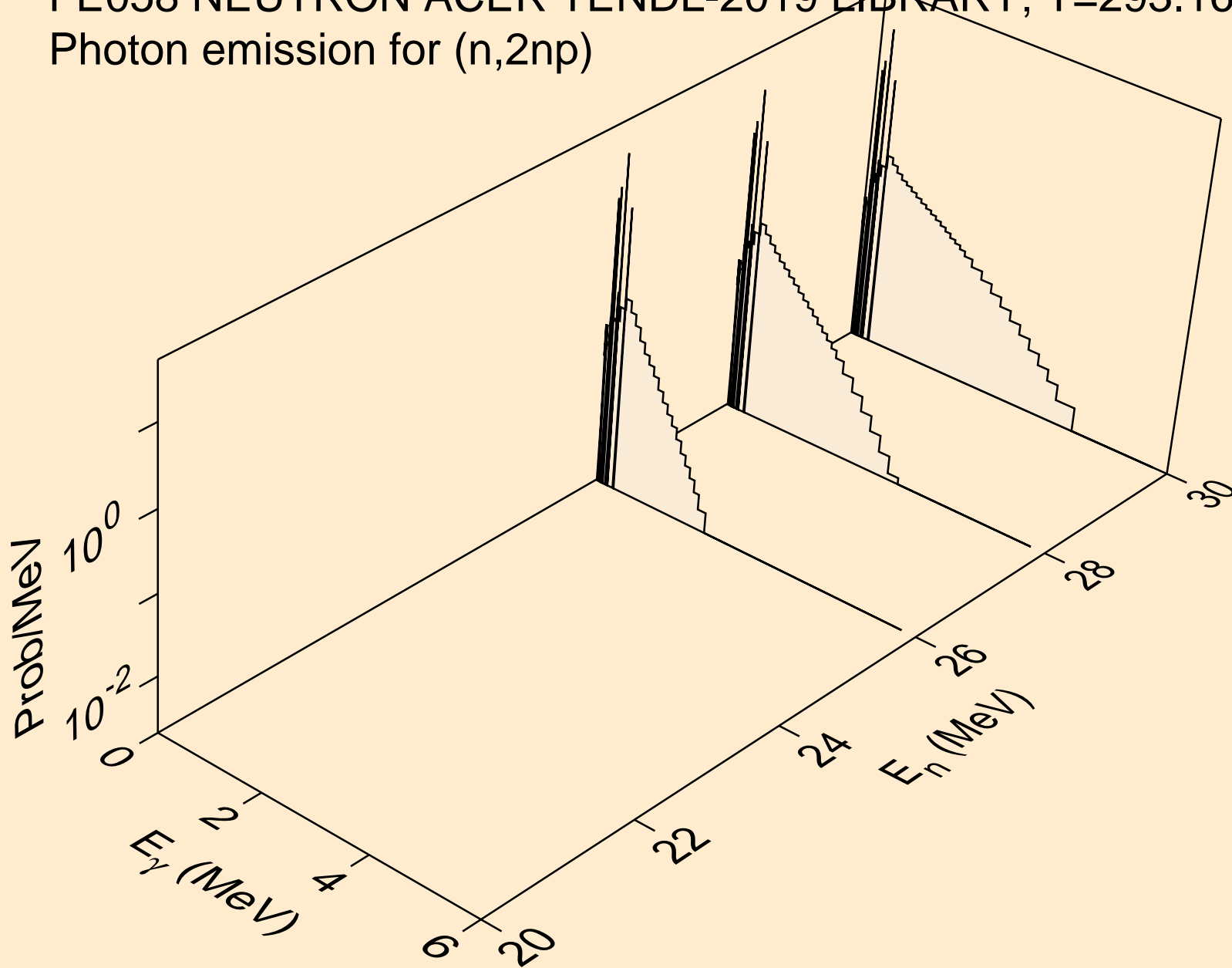
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



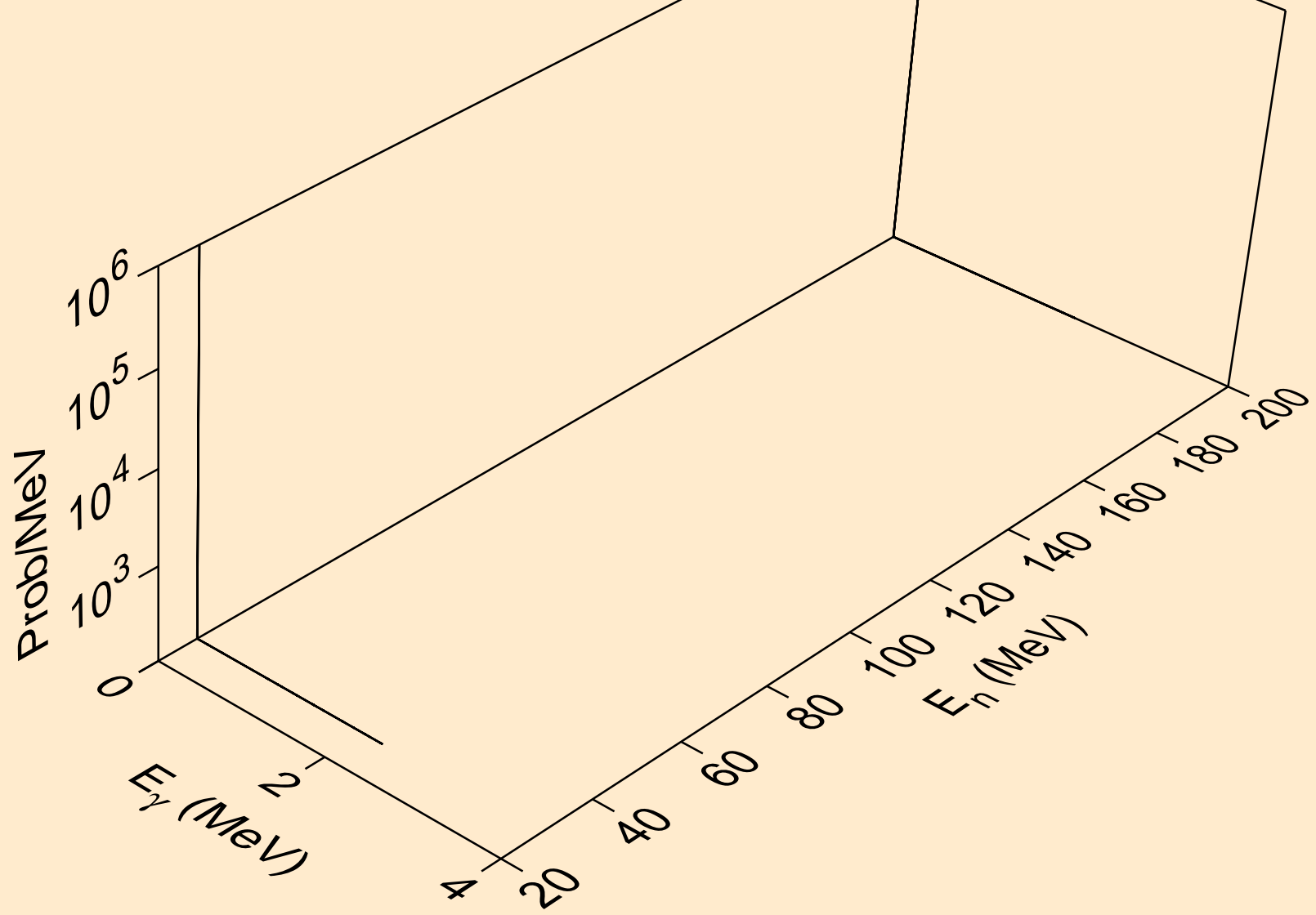
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)

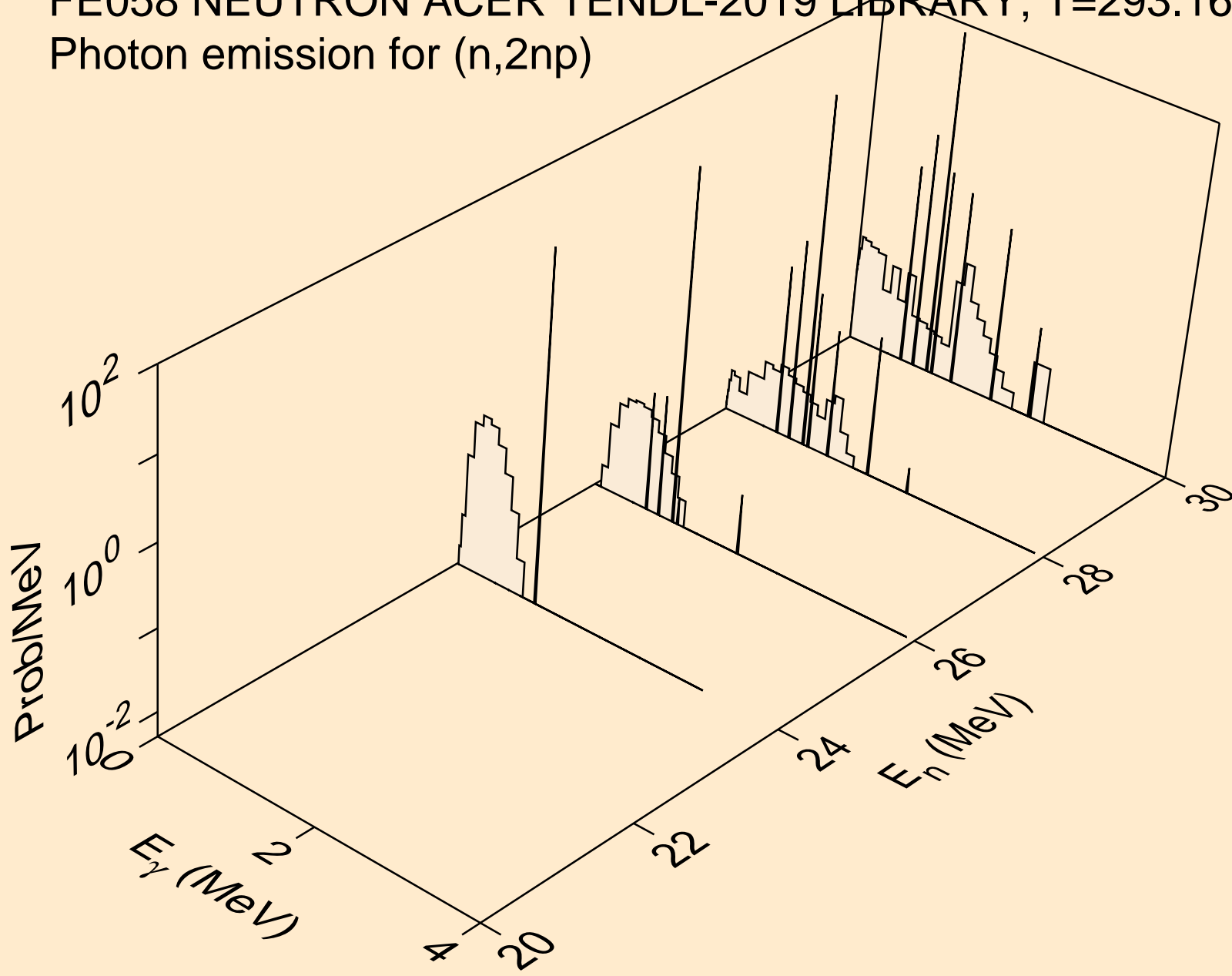


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

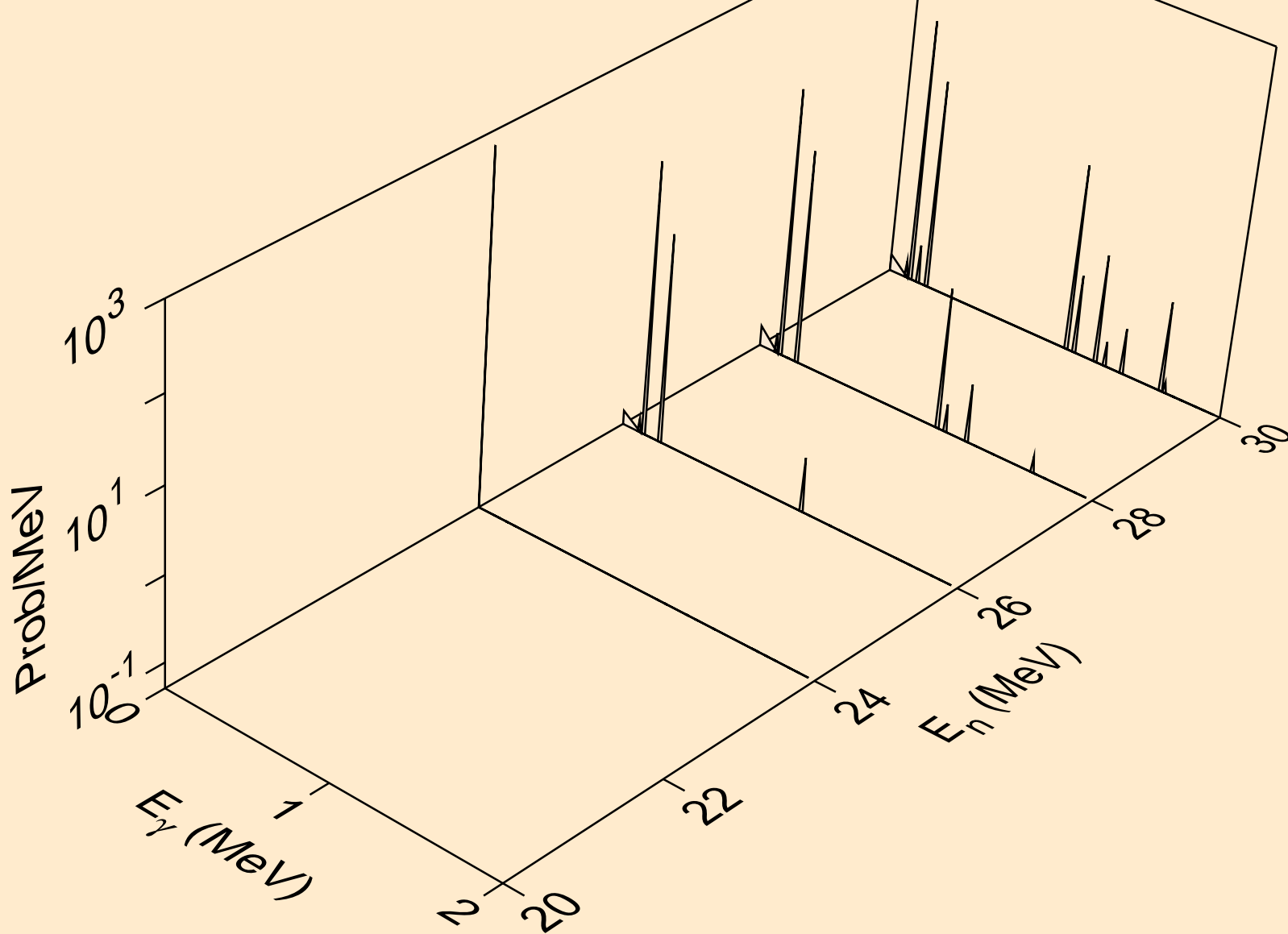




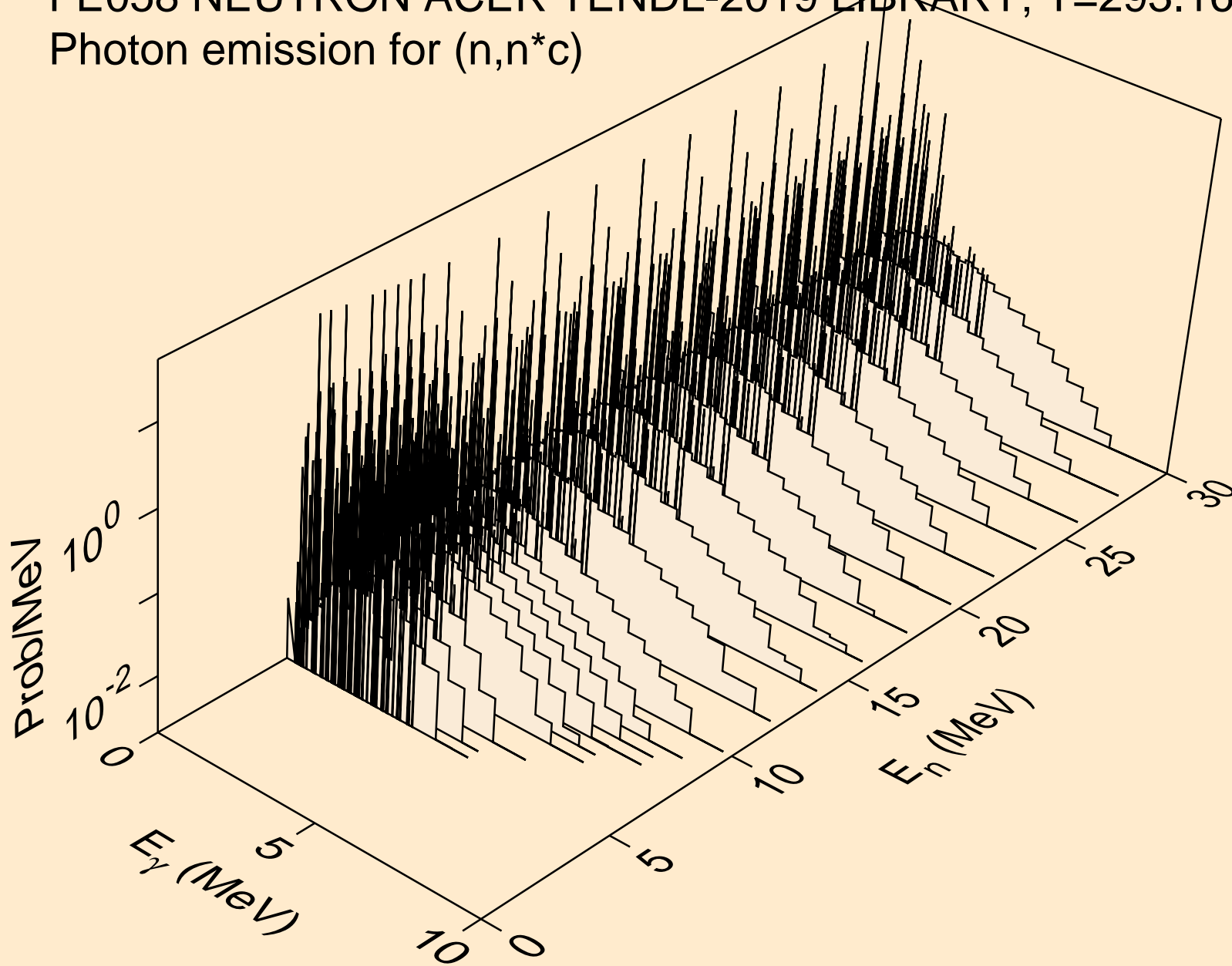
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



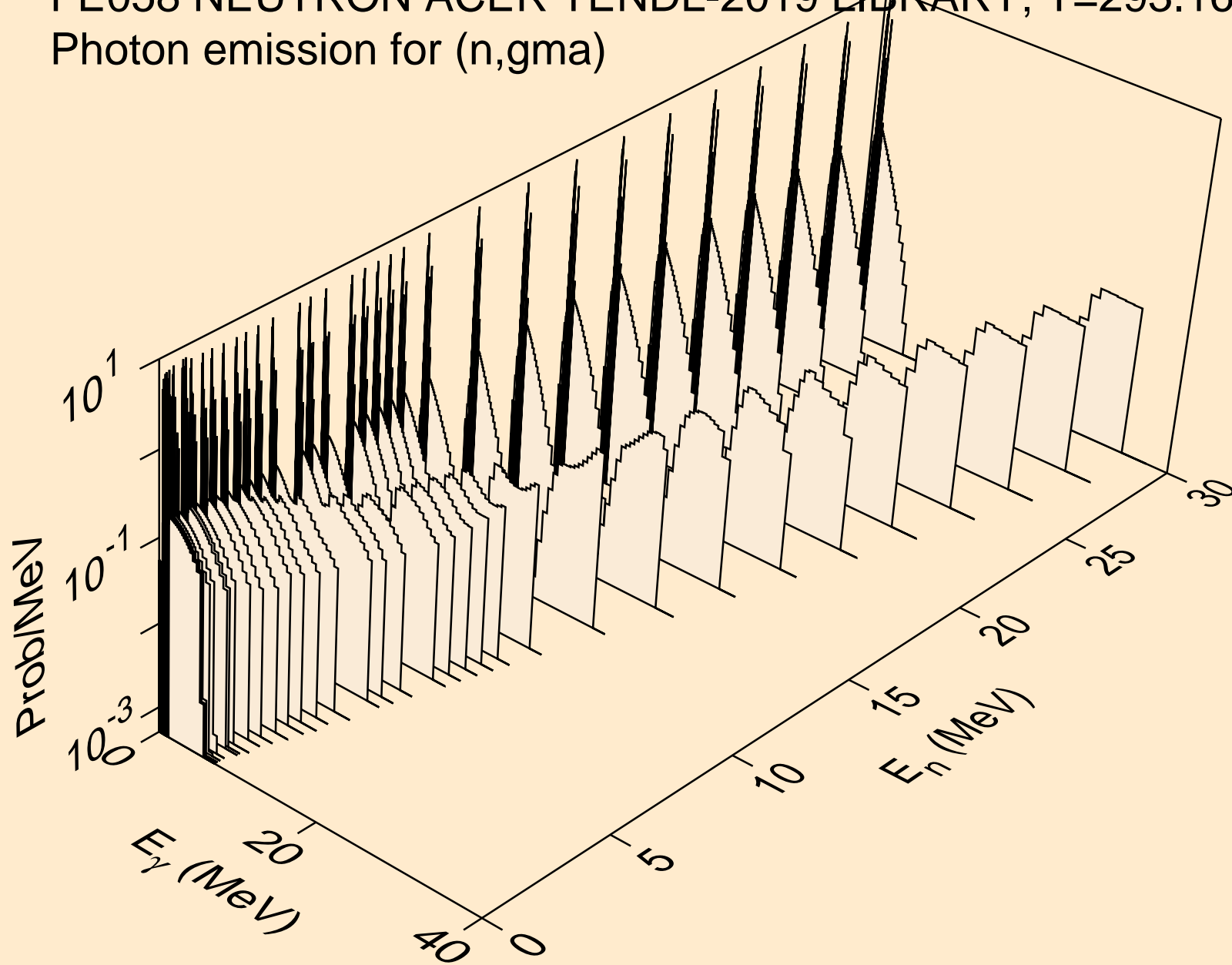
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



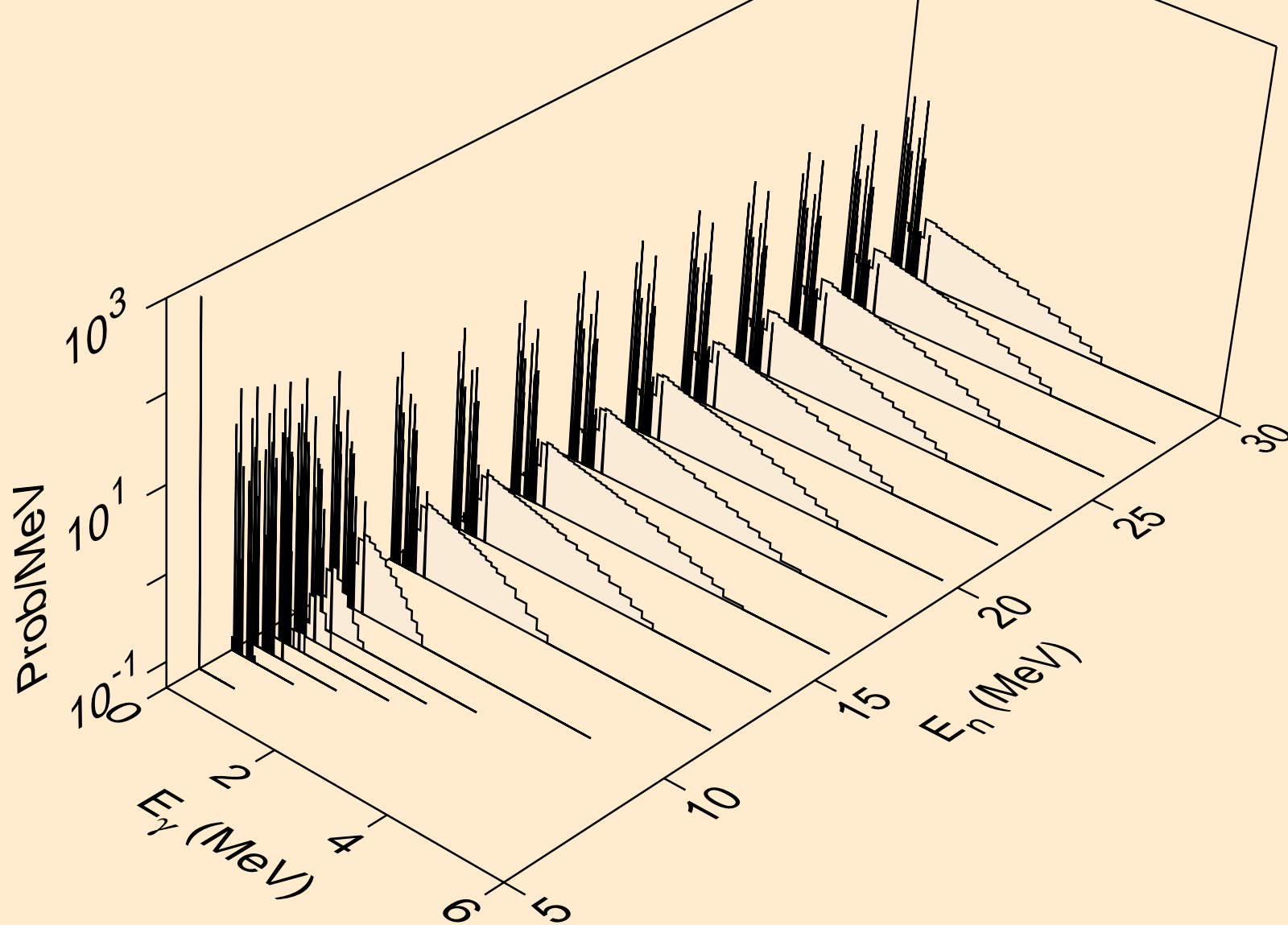
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



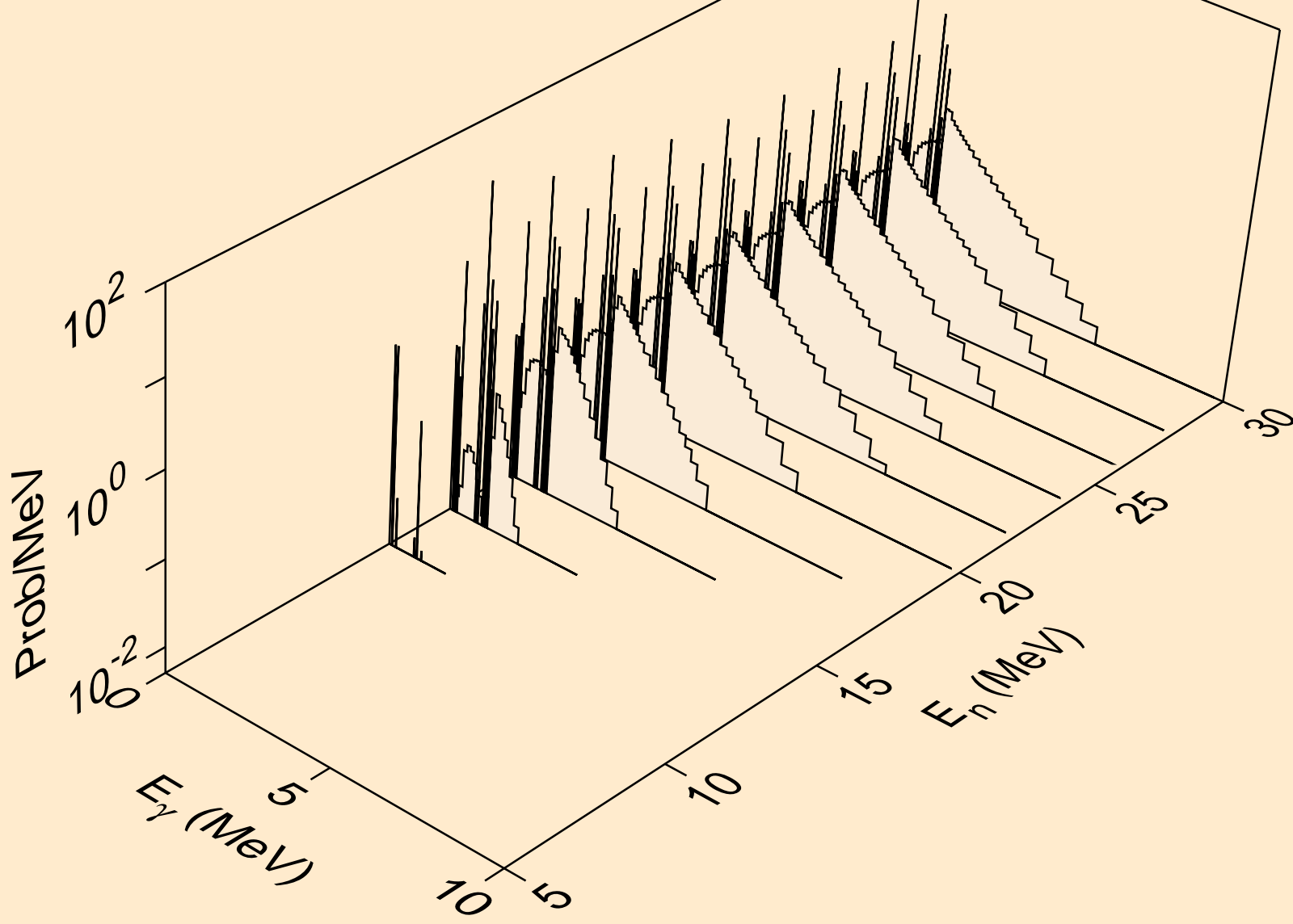
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



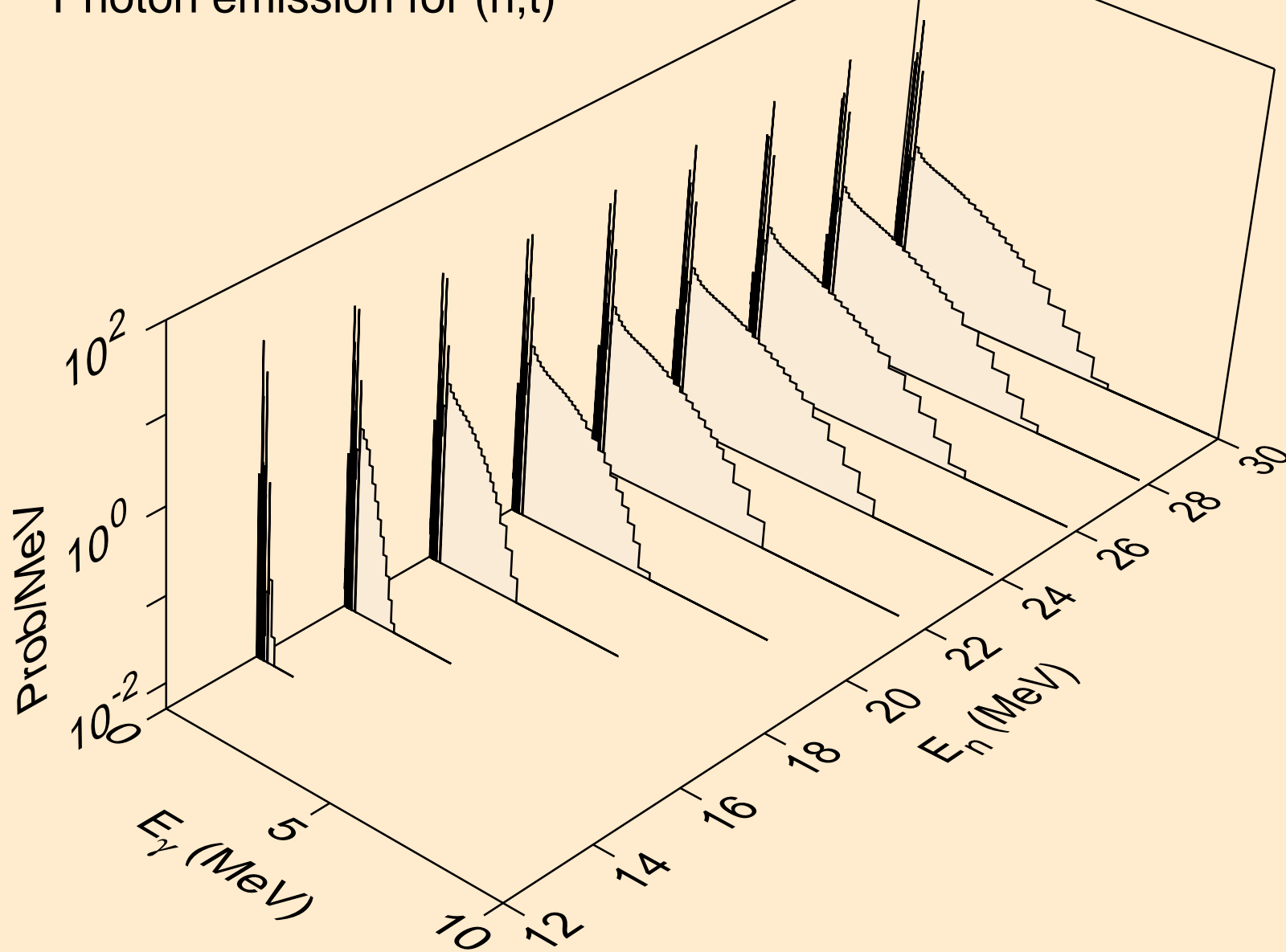
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



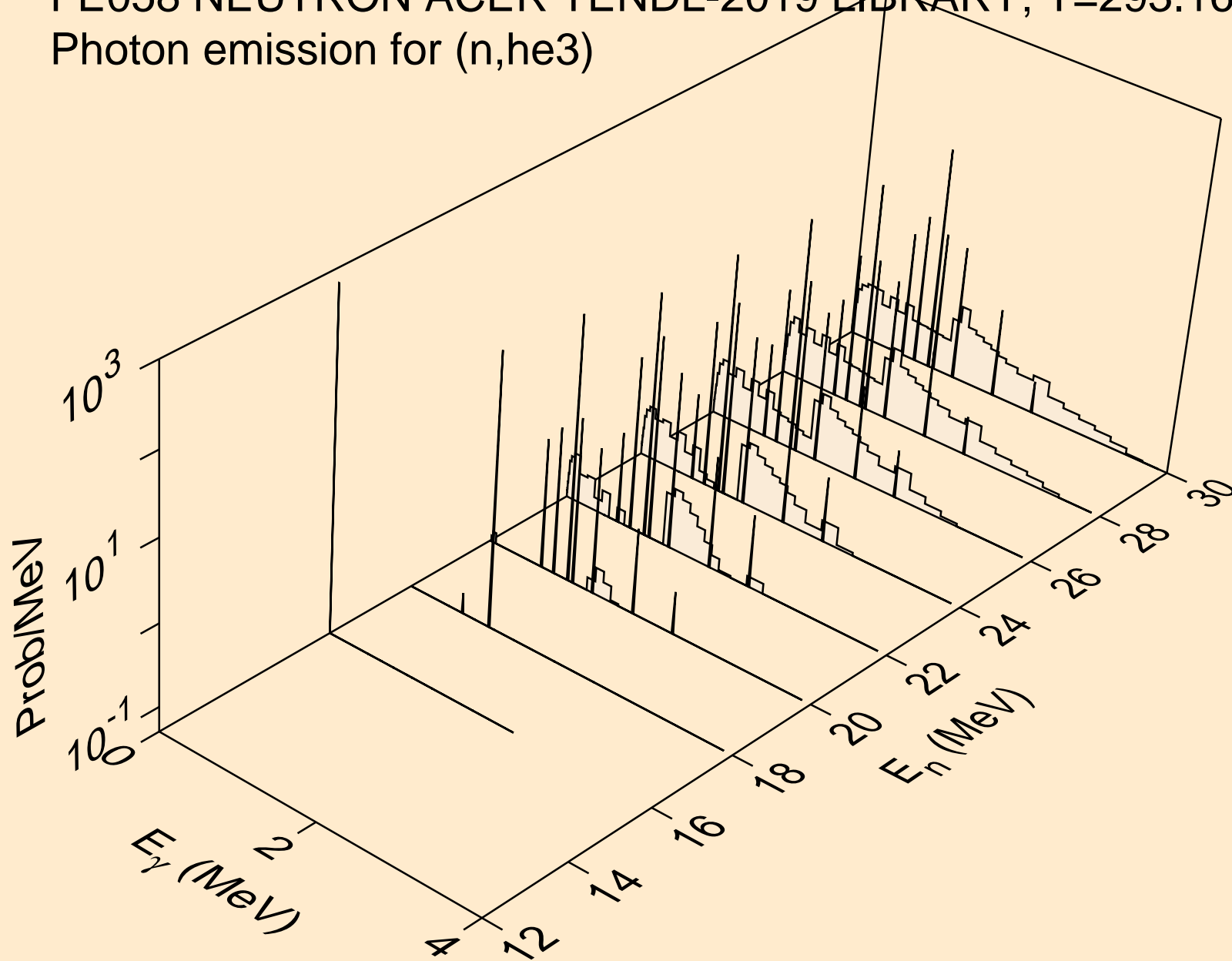
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)

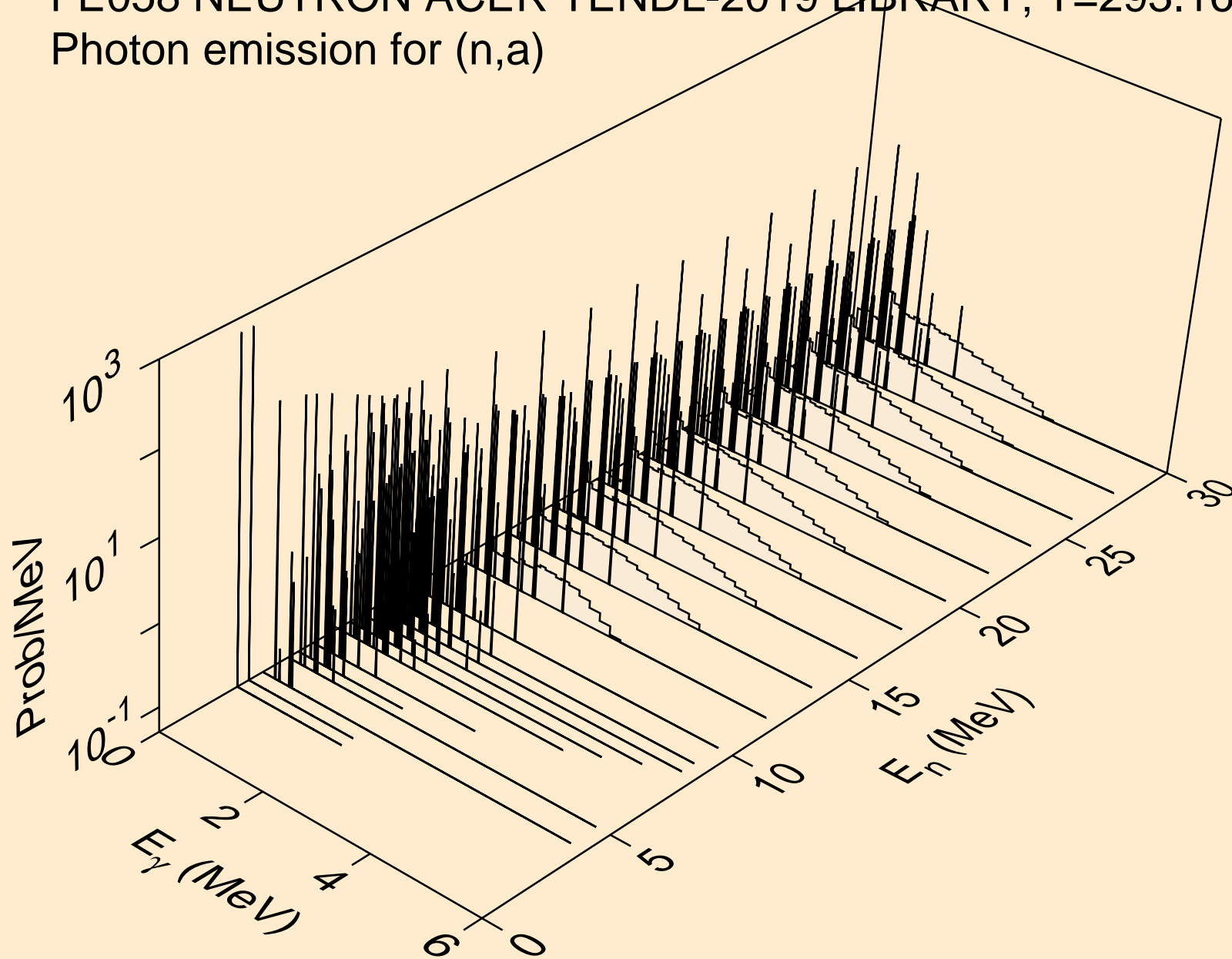


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)

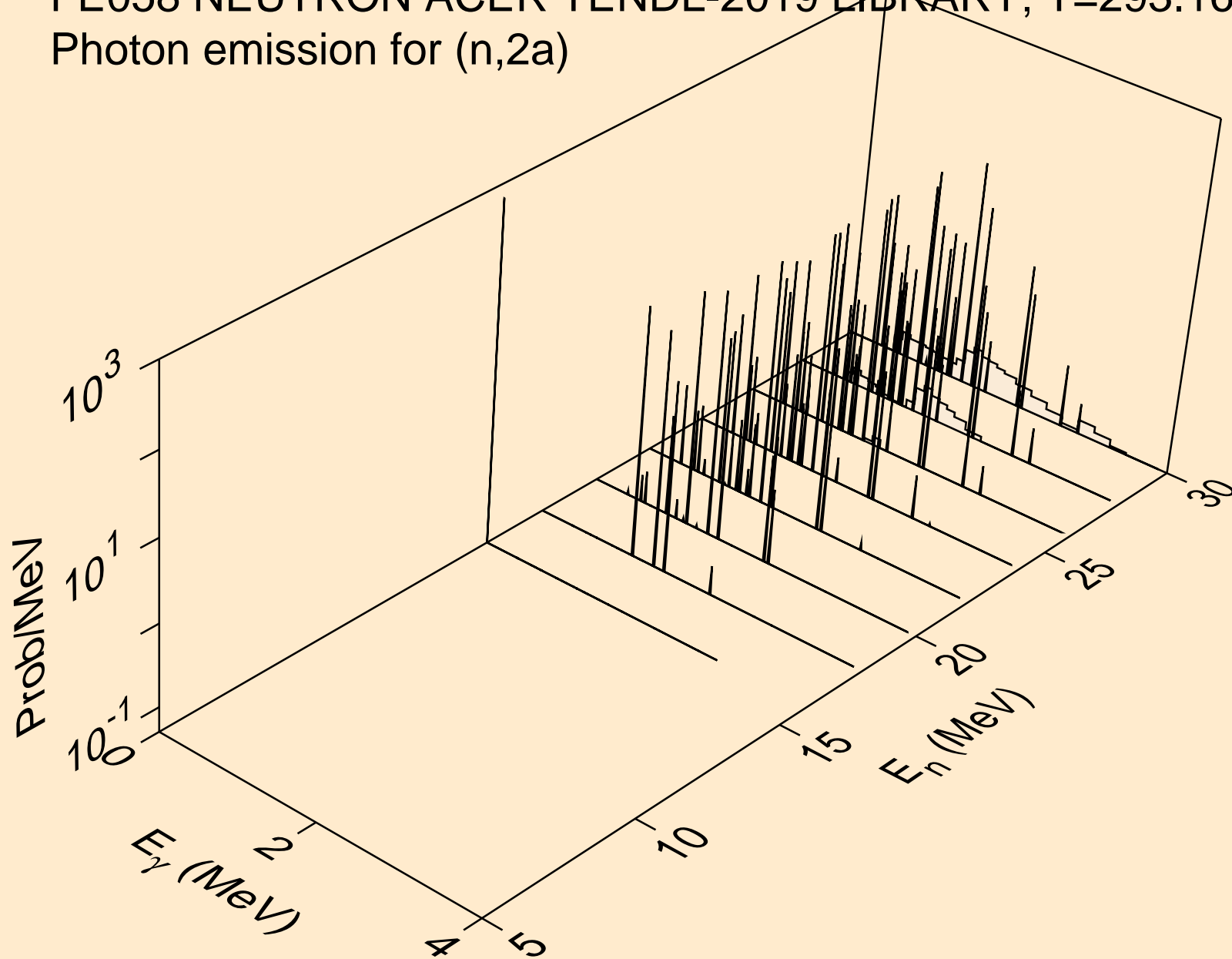




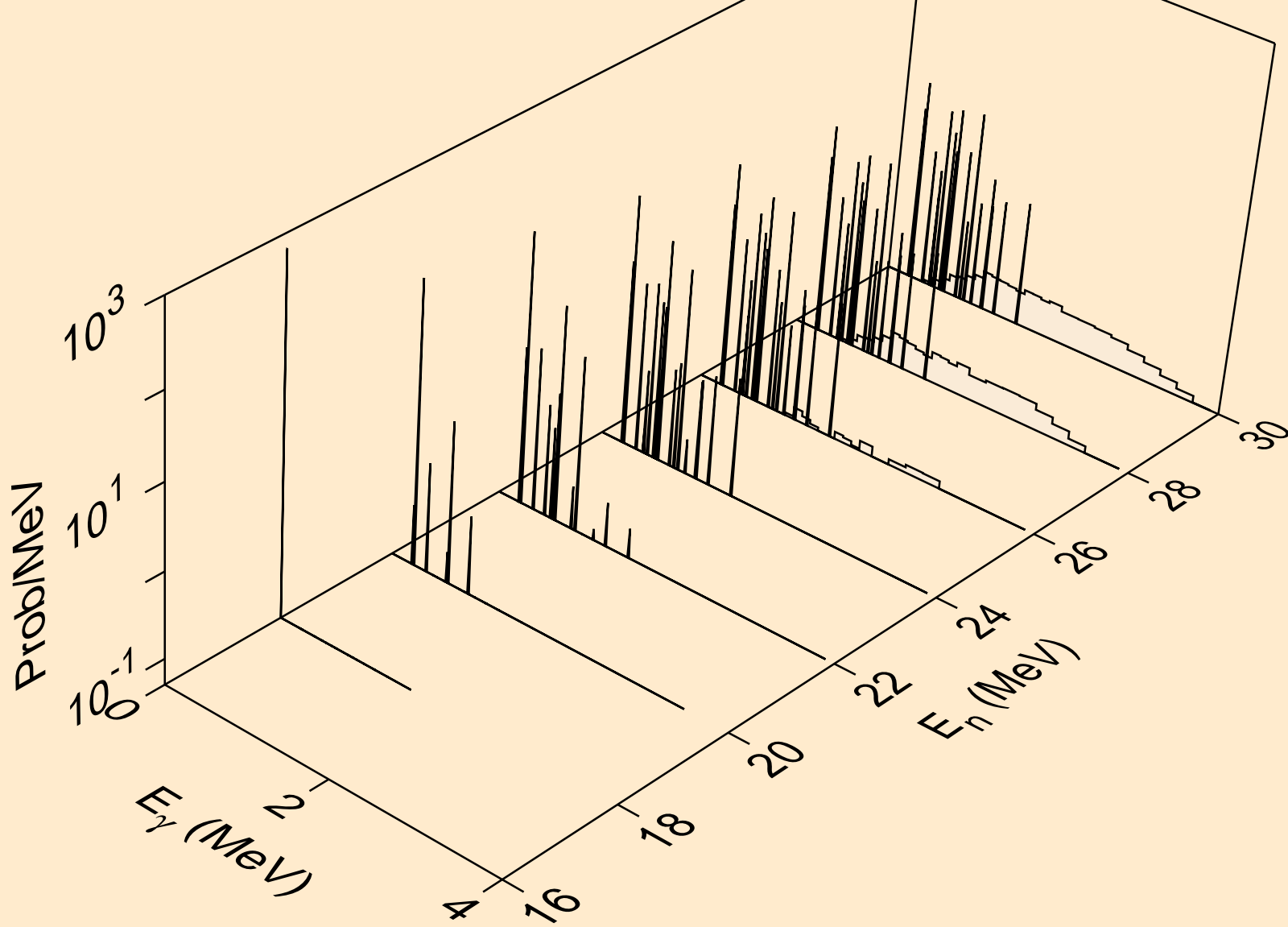
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



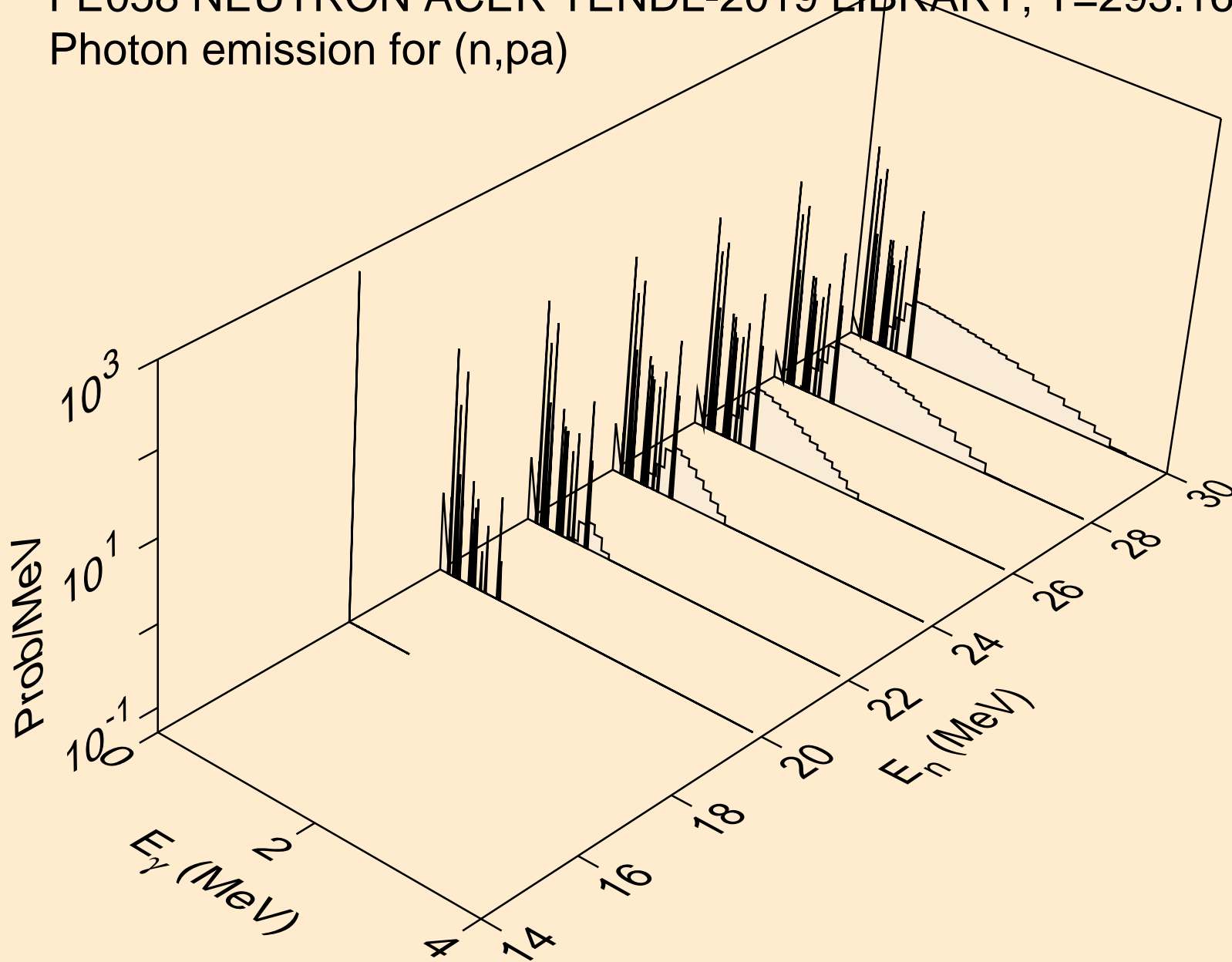
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



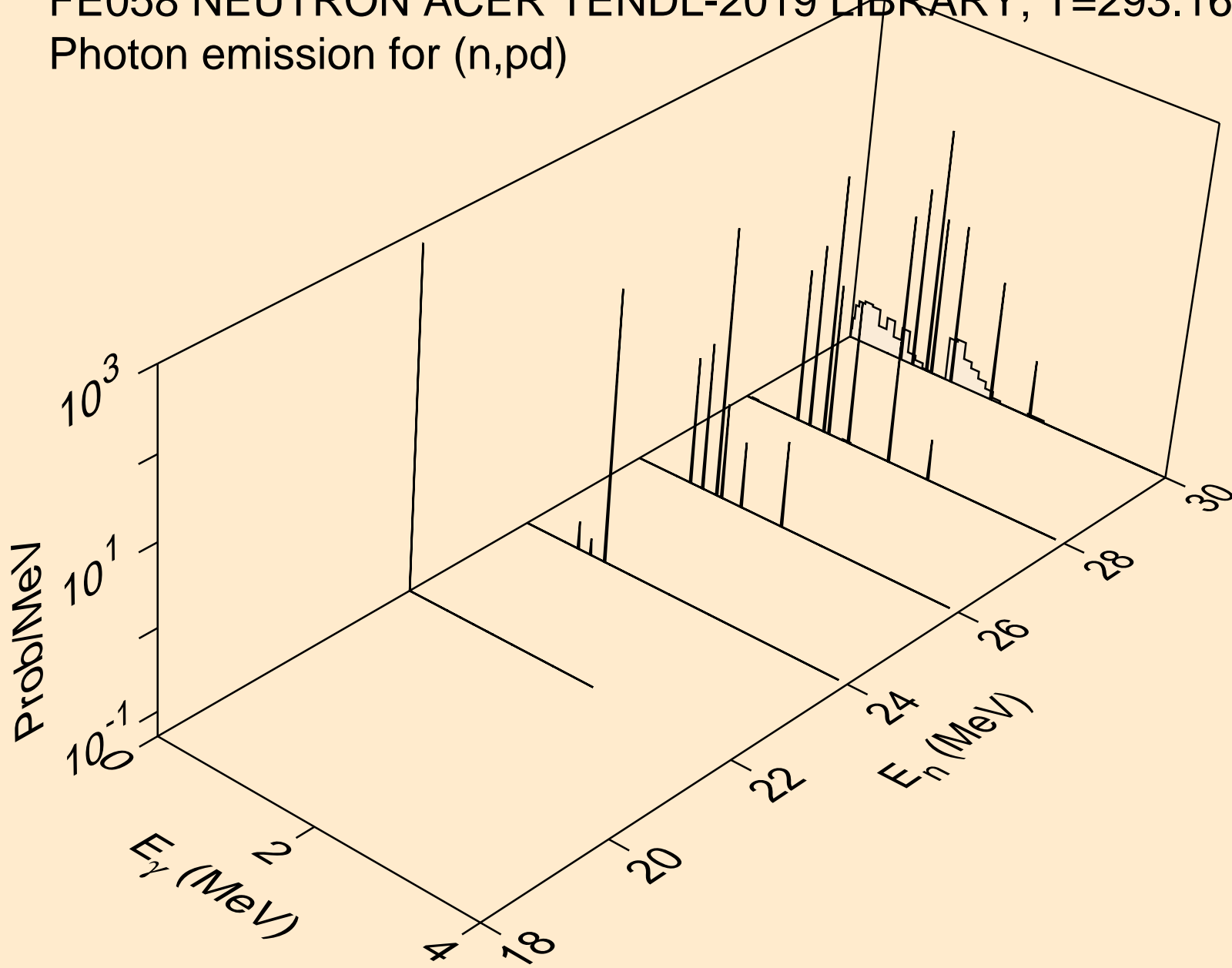
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



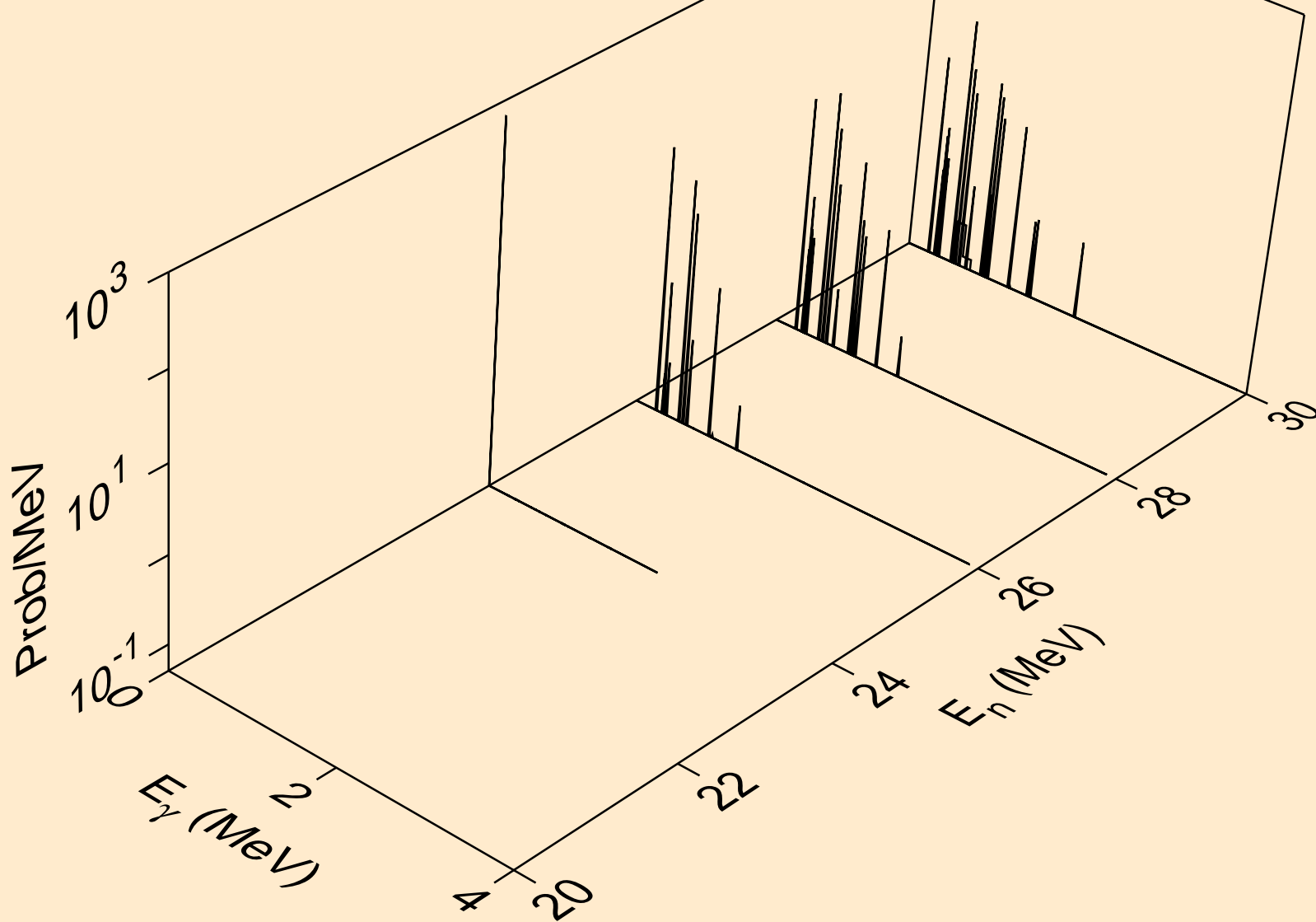
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )



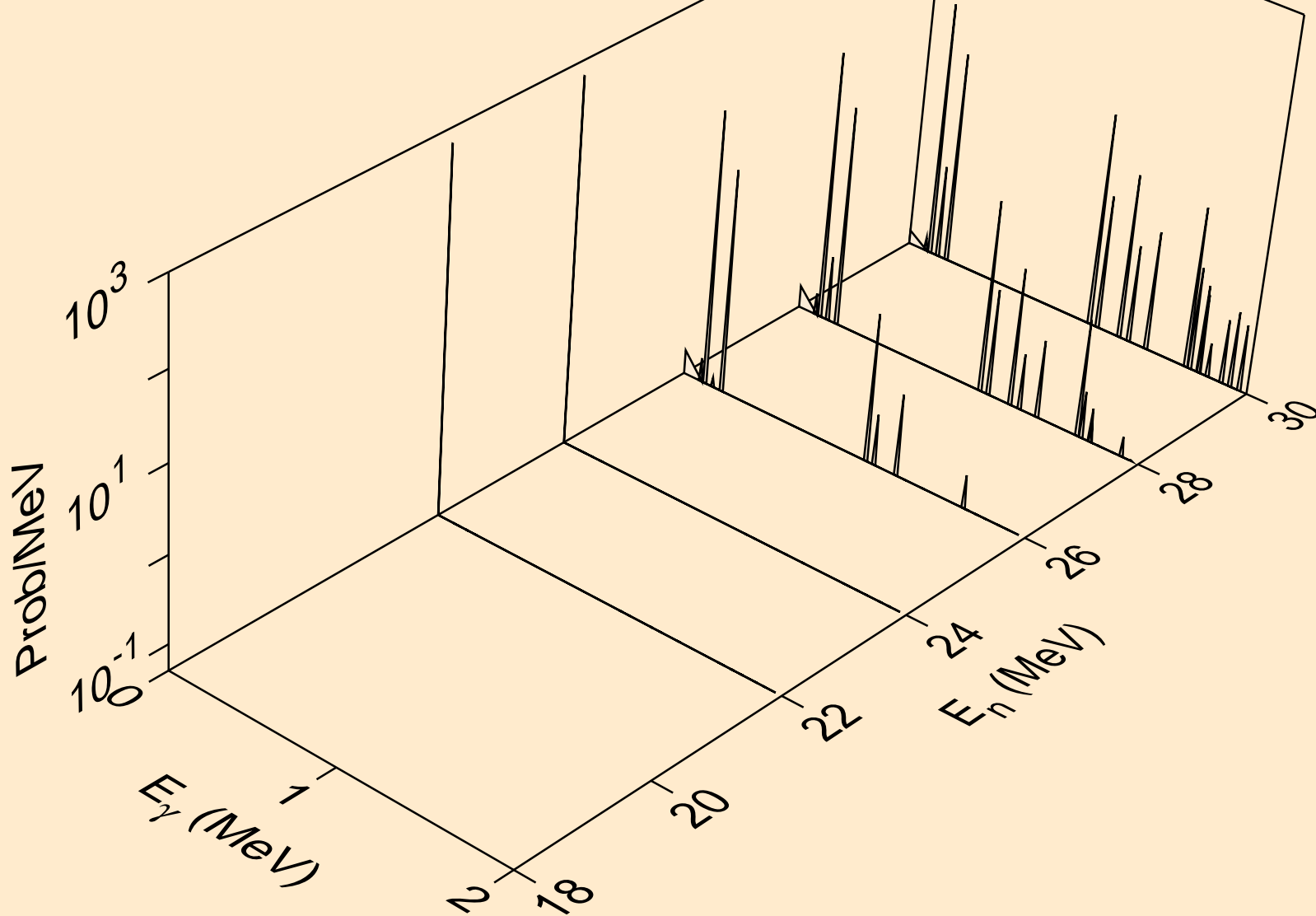
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



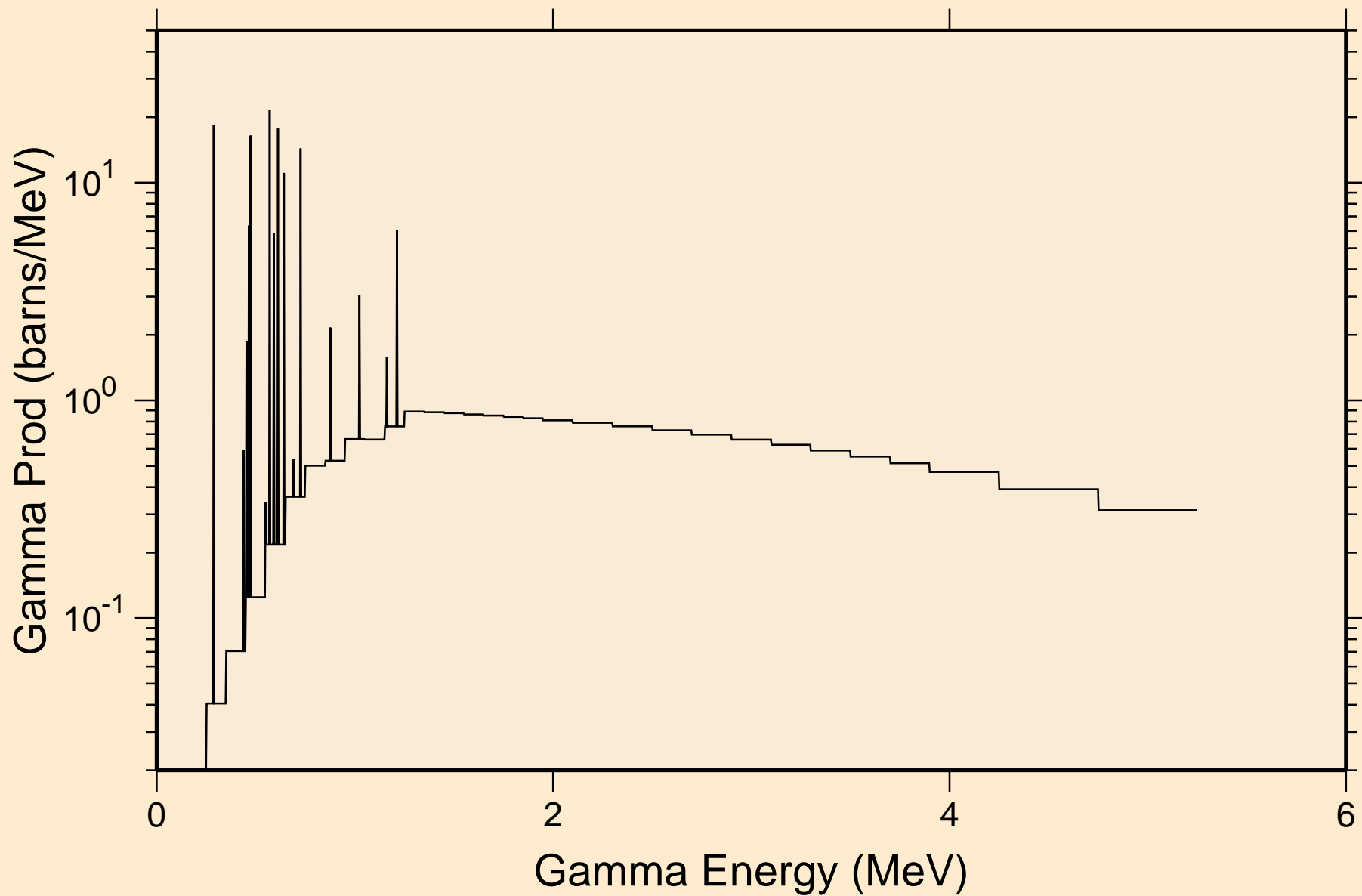
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)

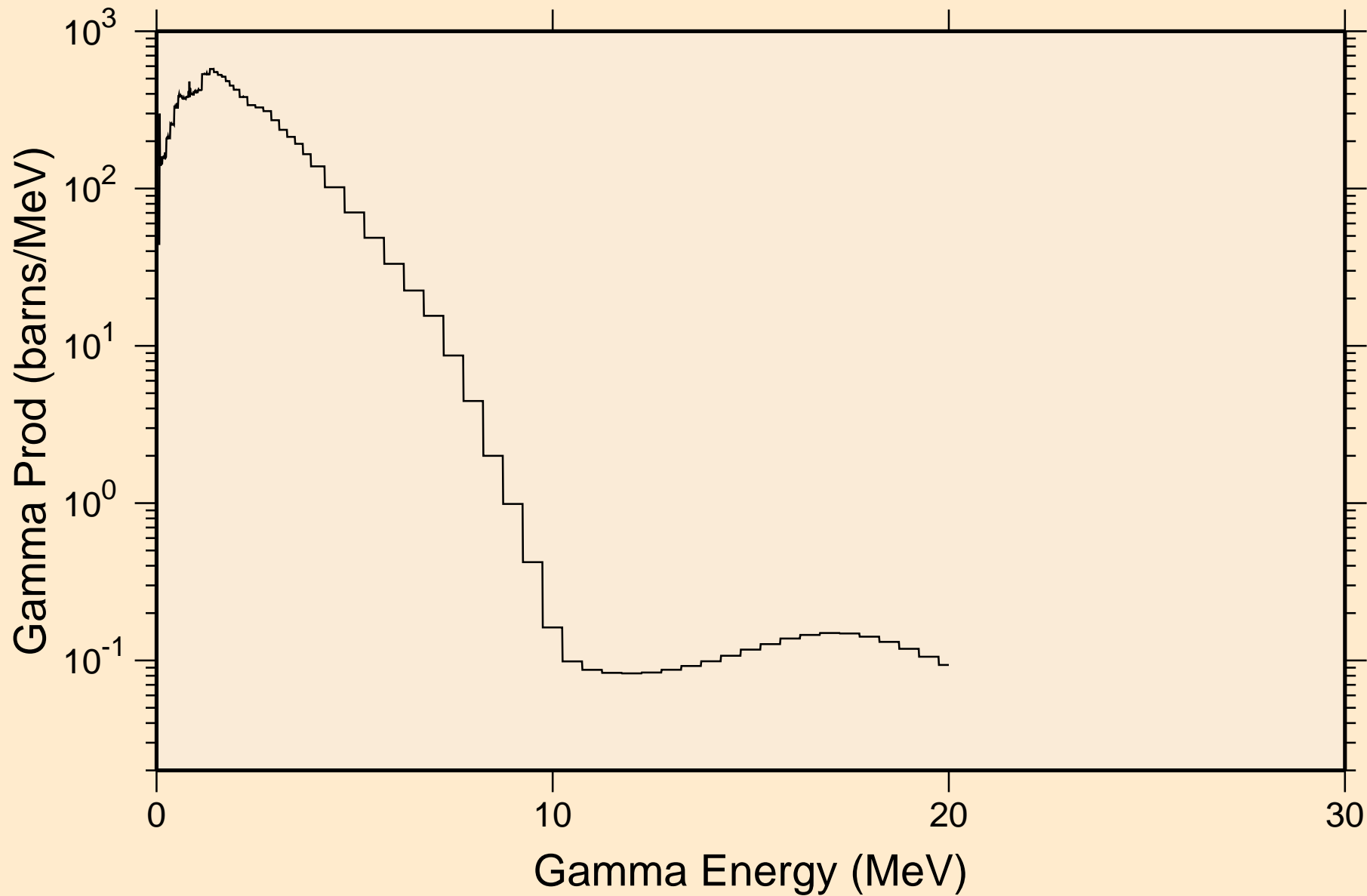


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



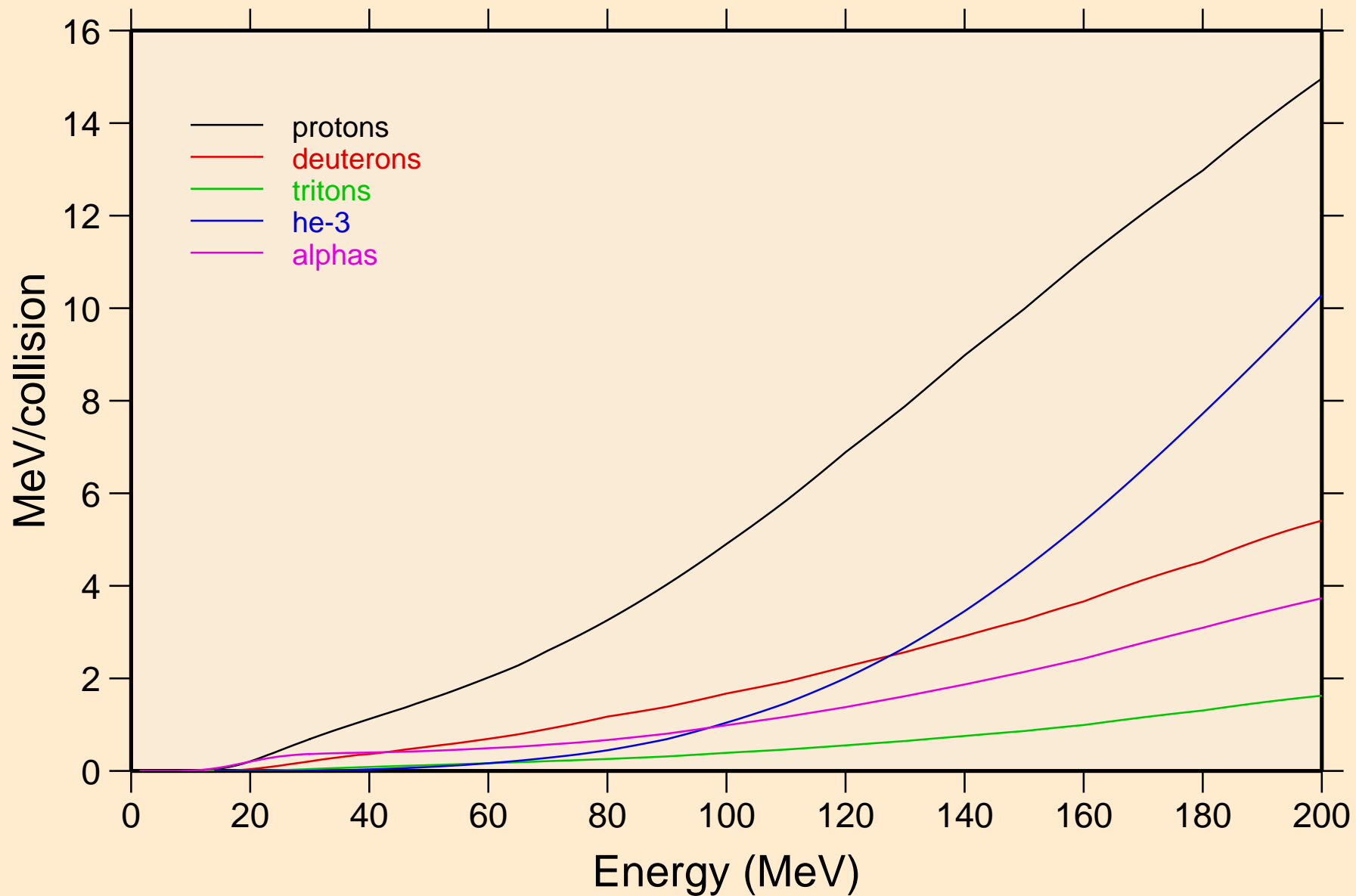


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

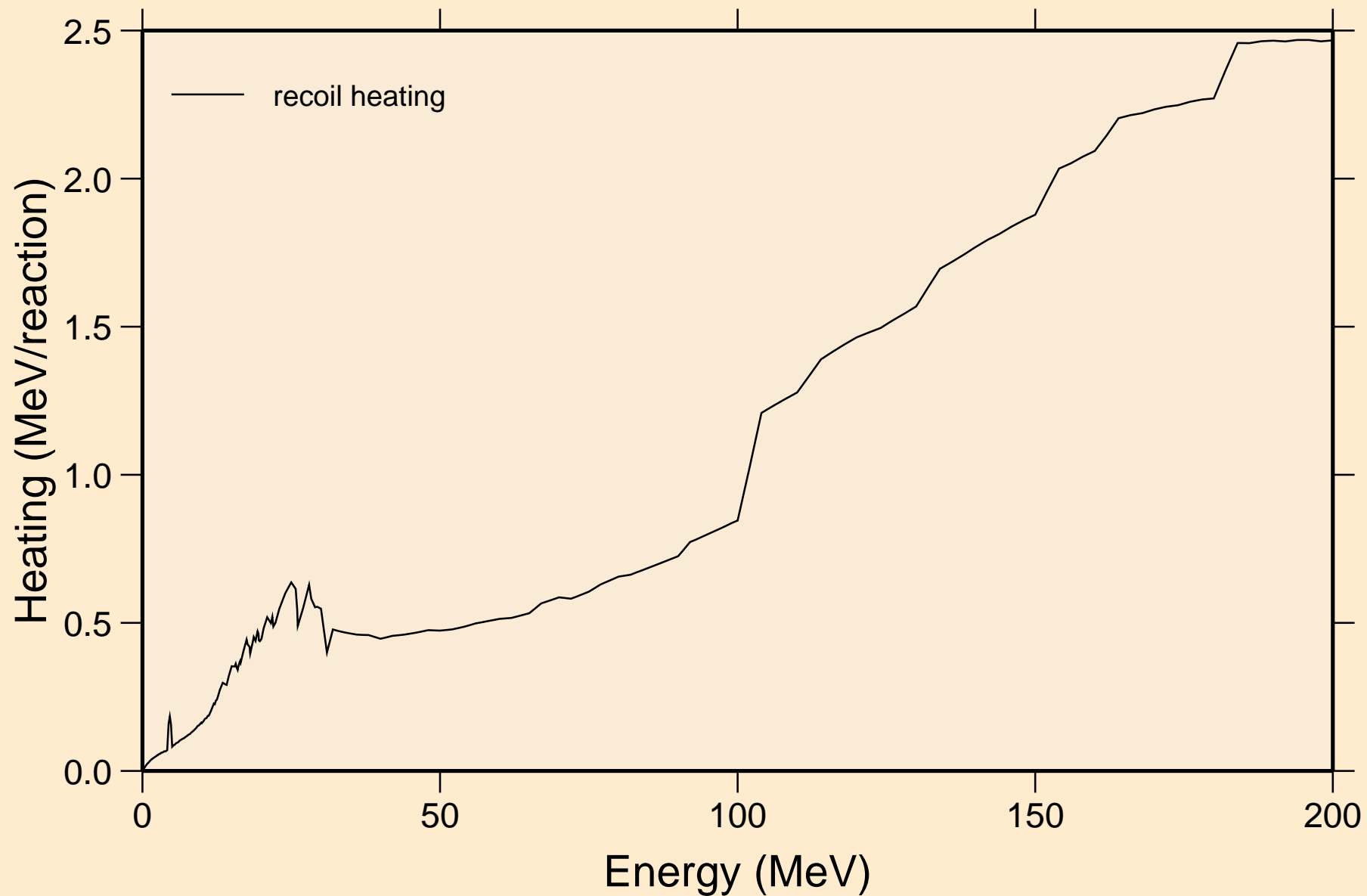


# FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

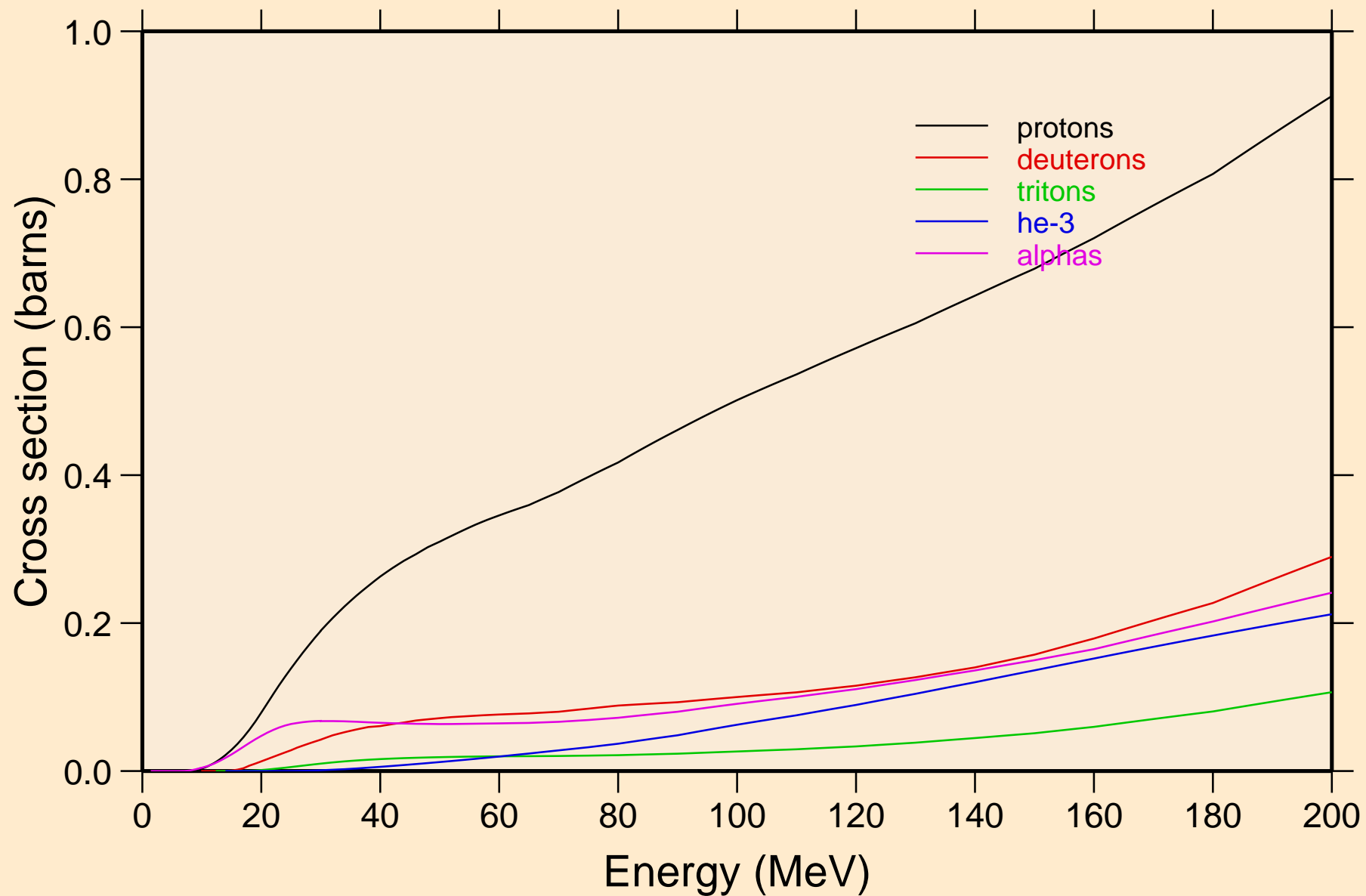
## Particle heating contributions



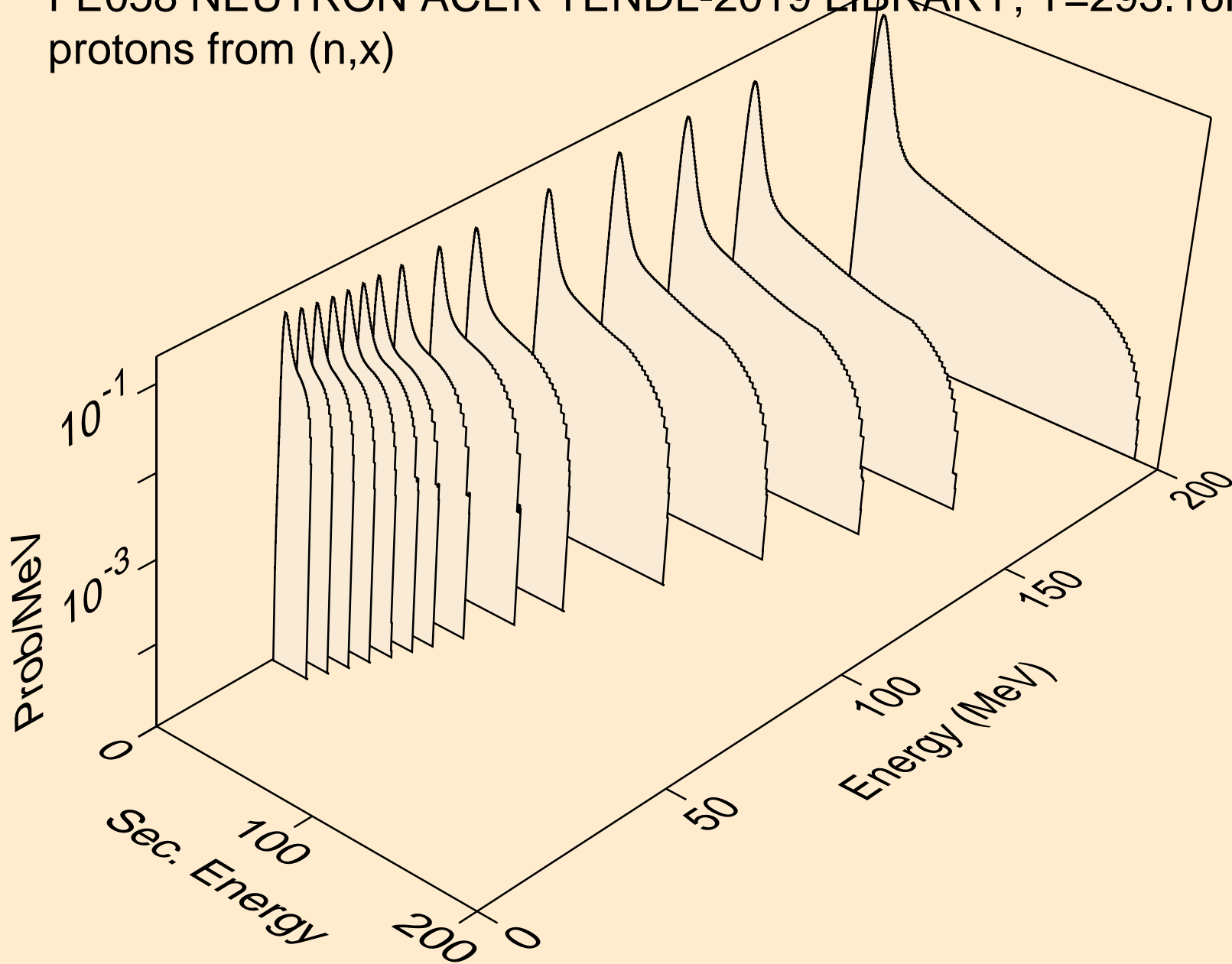
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



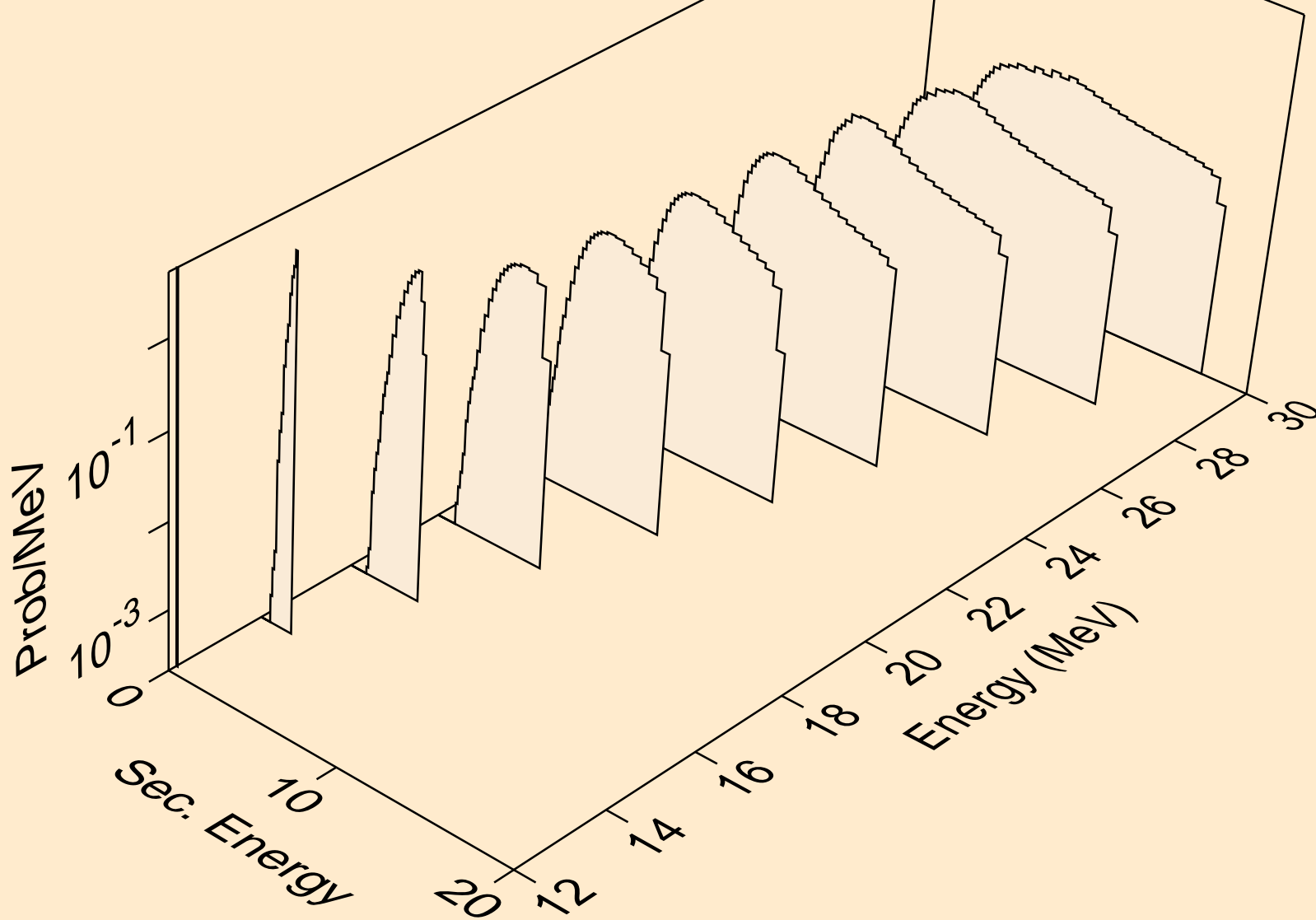
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



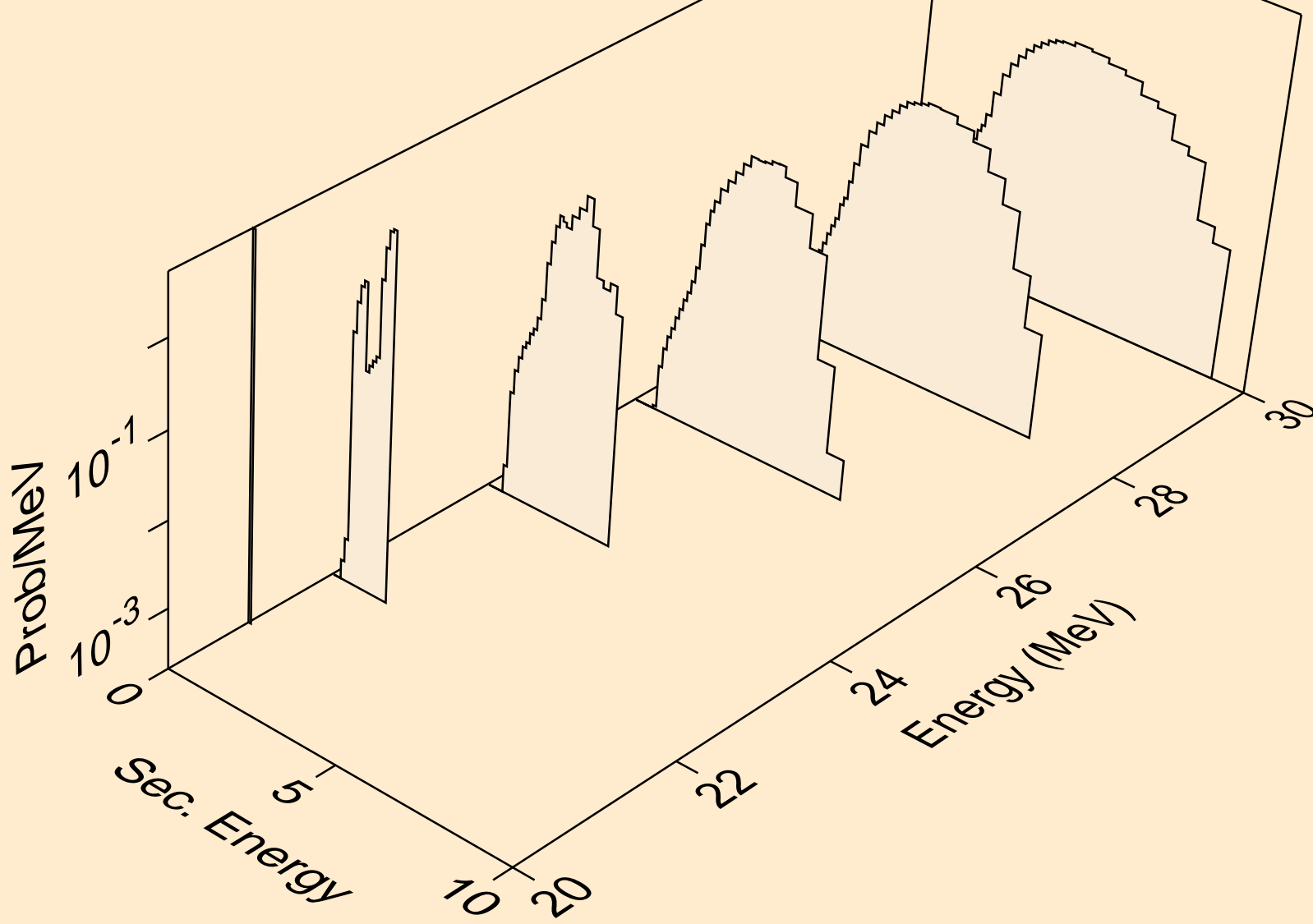
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



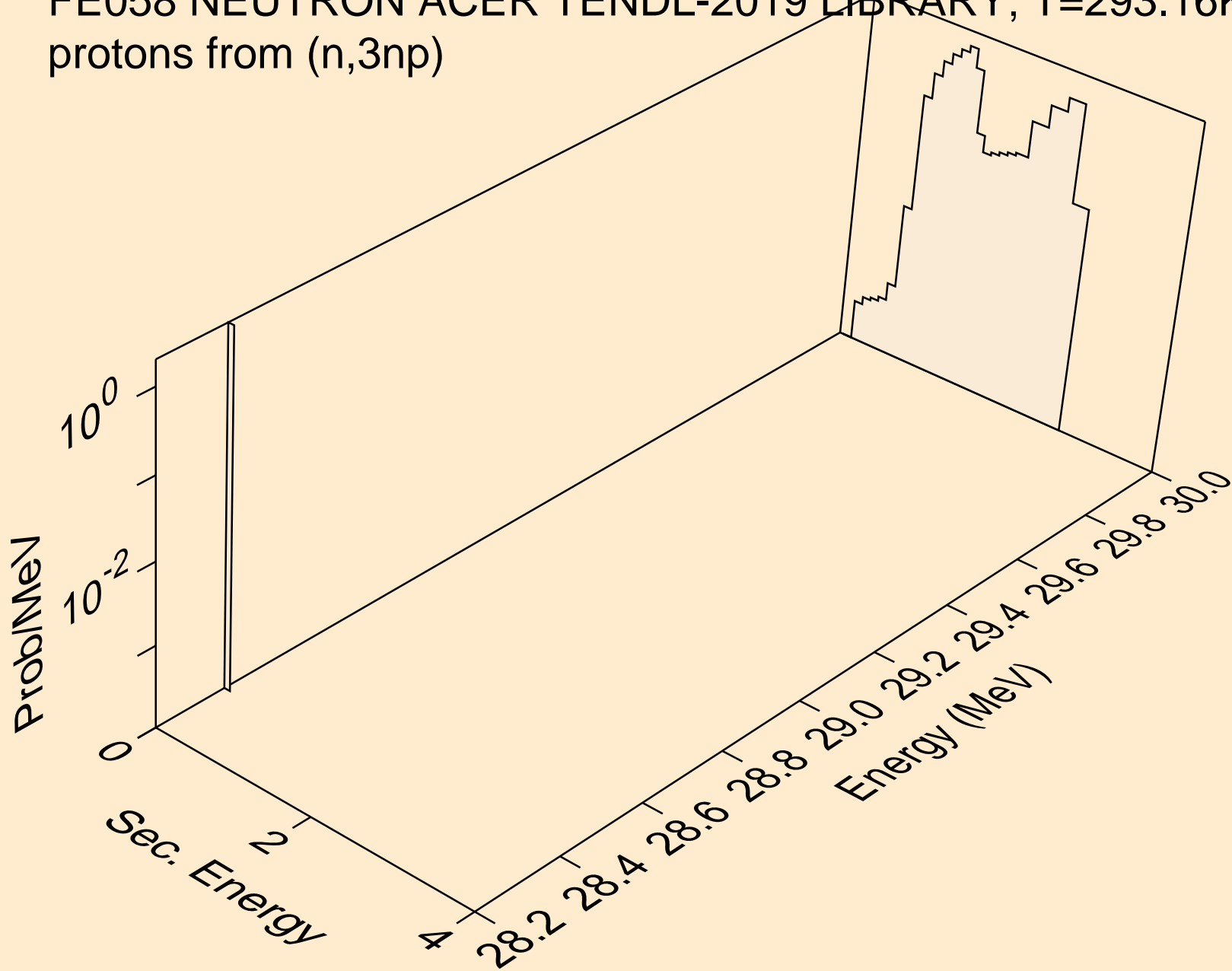
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

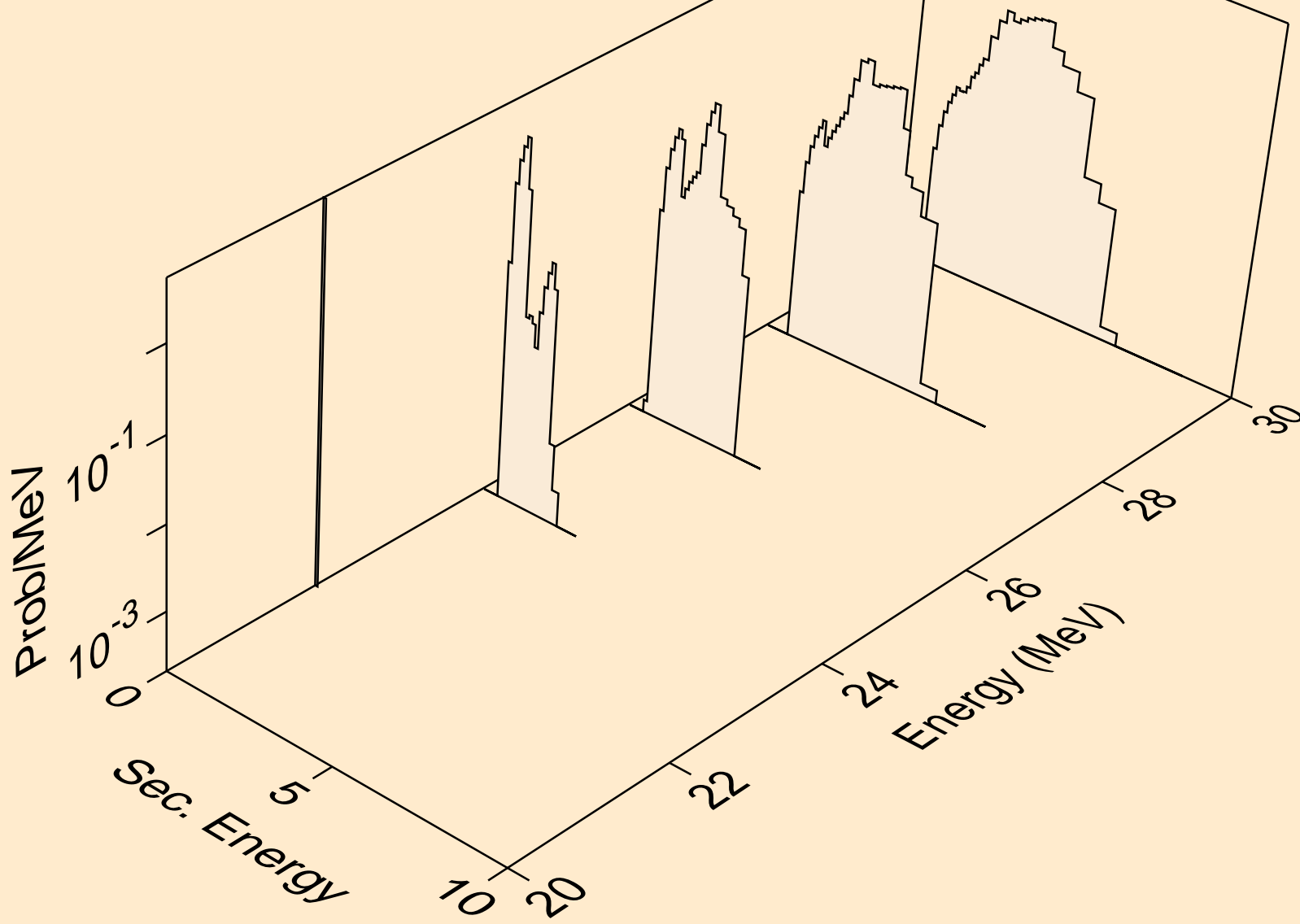


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)

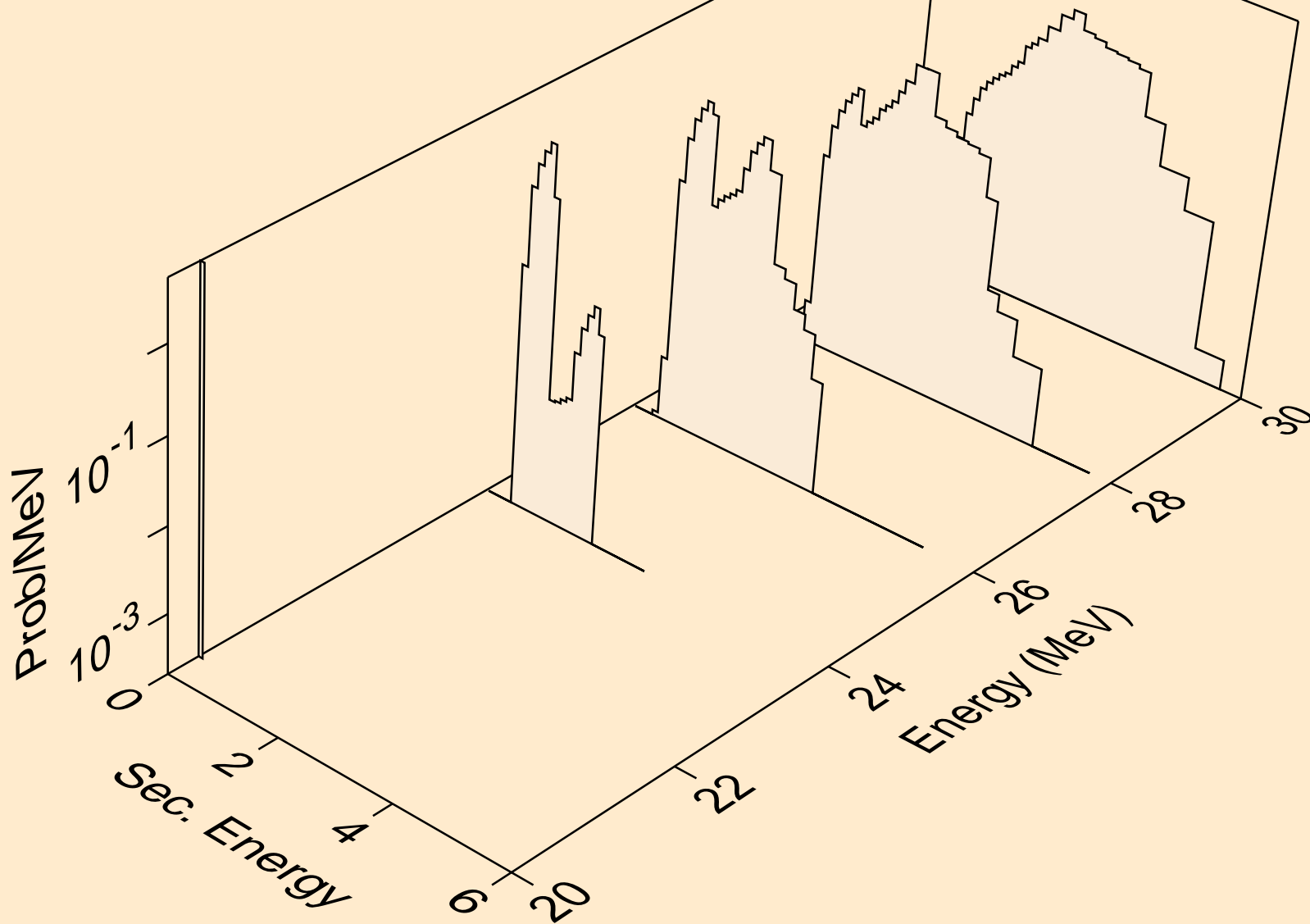




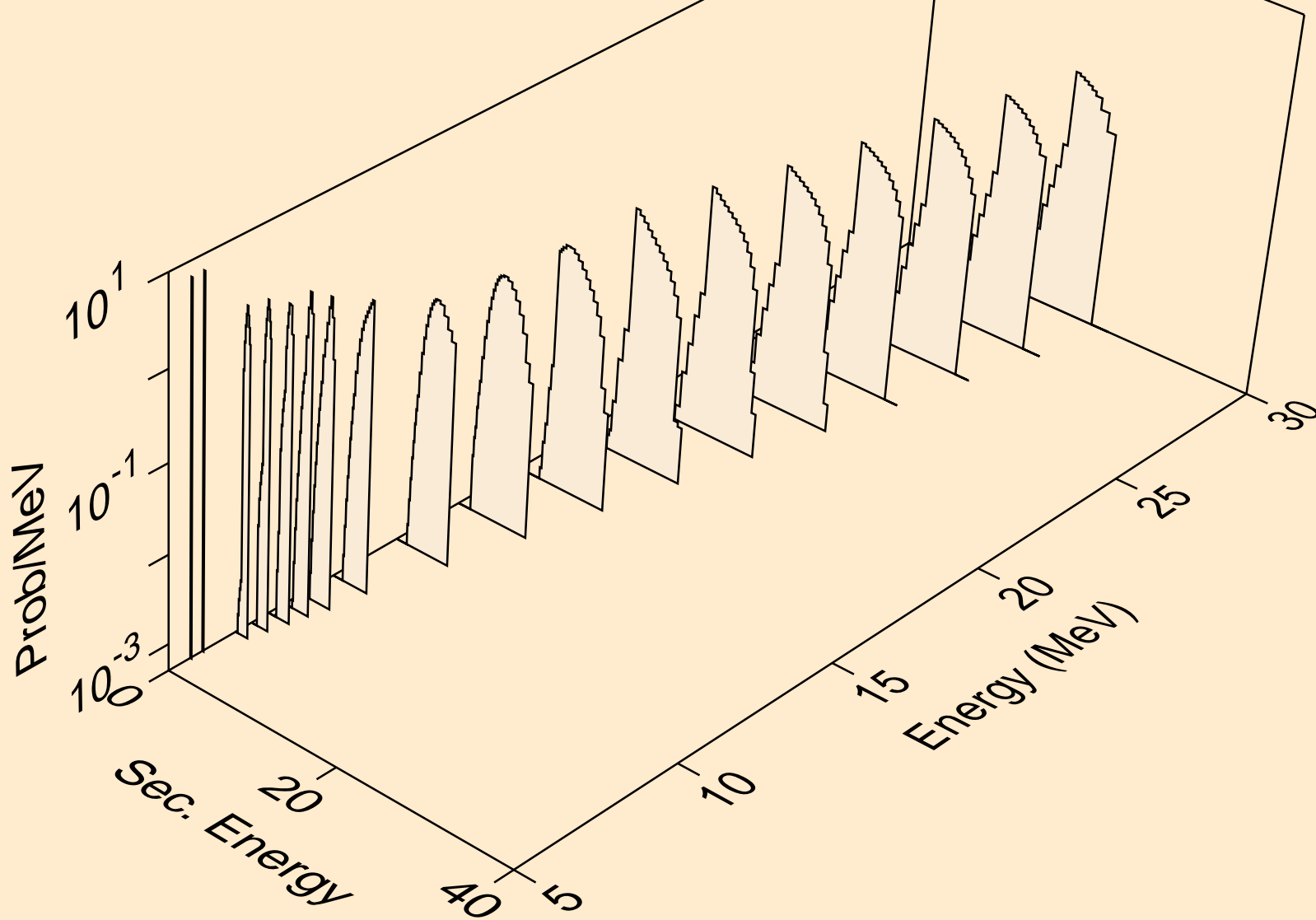
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



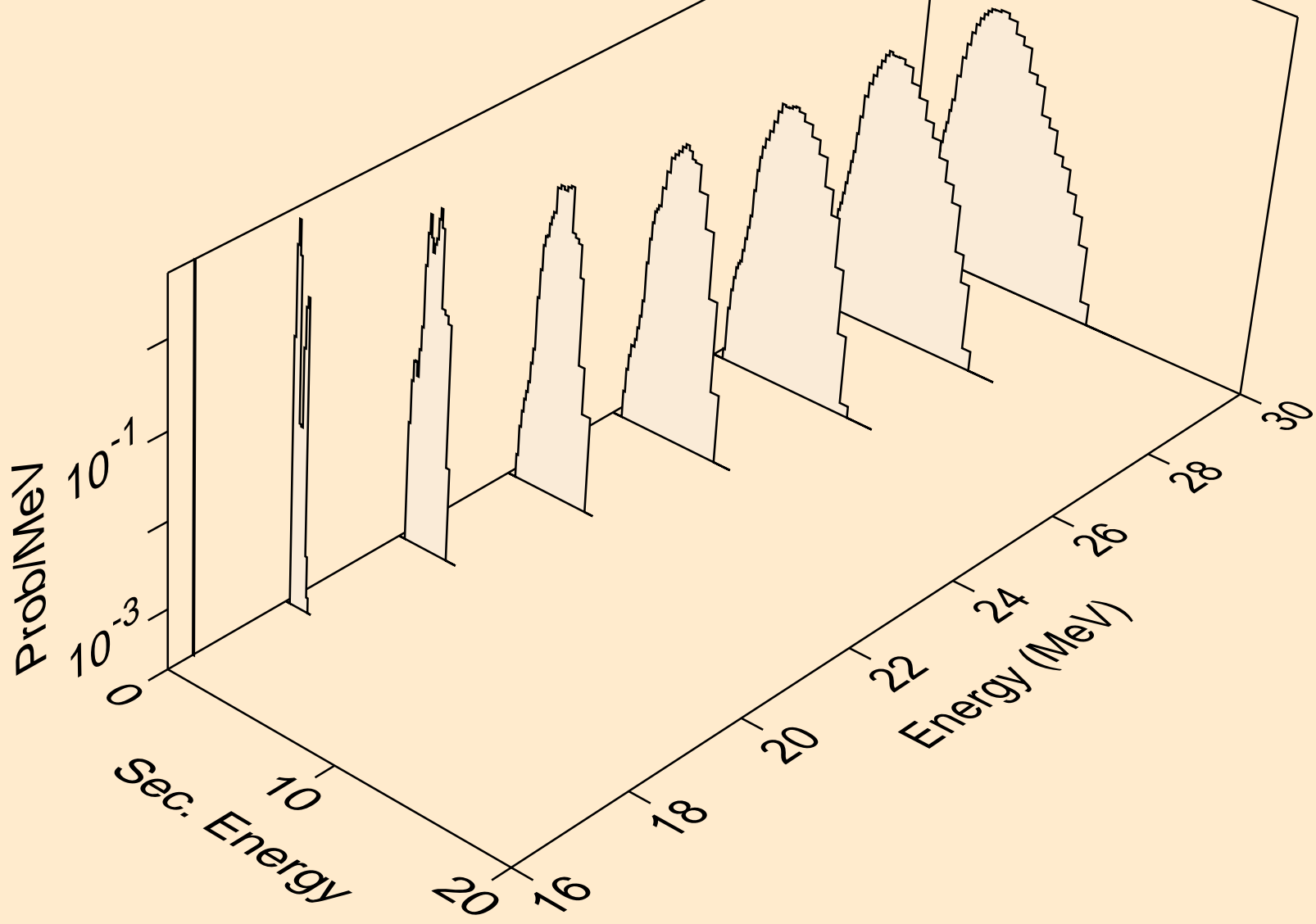
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



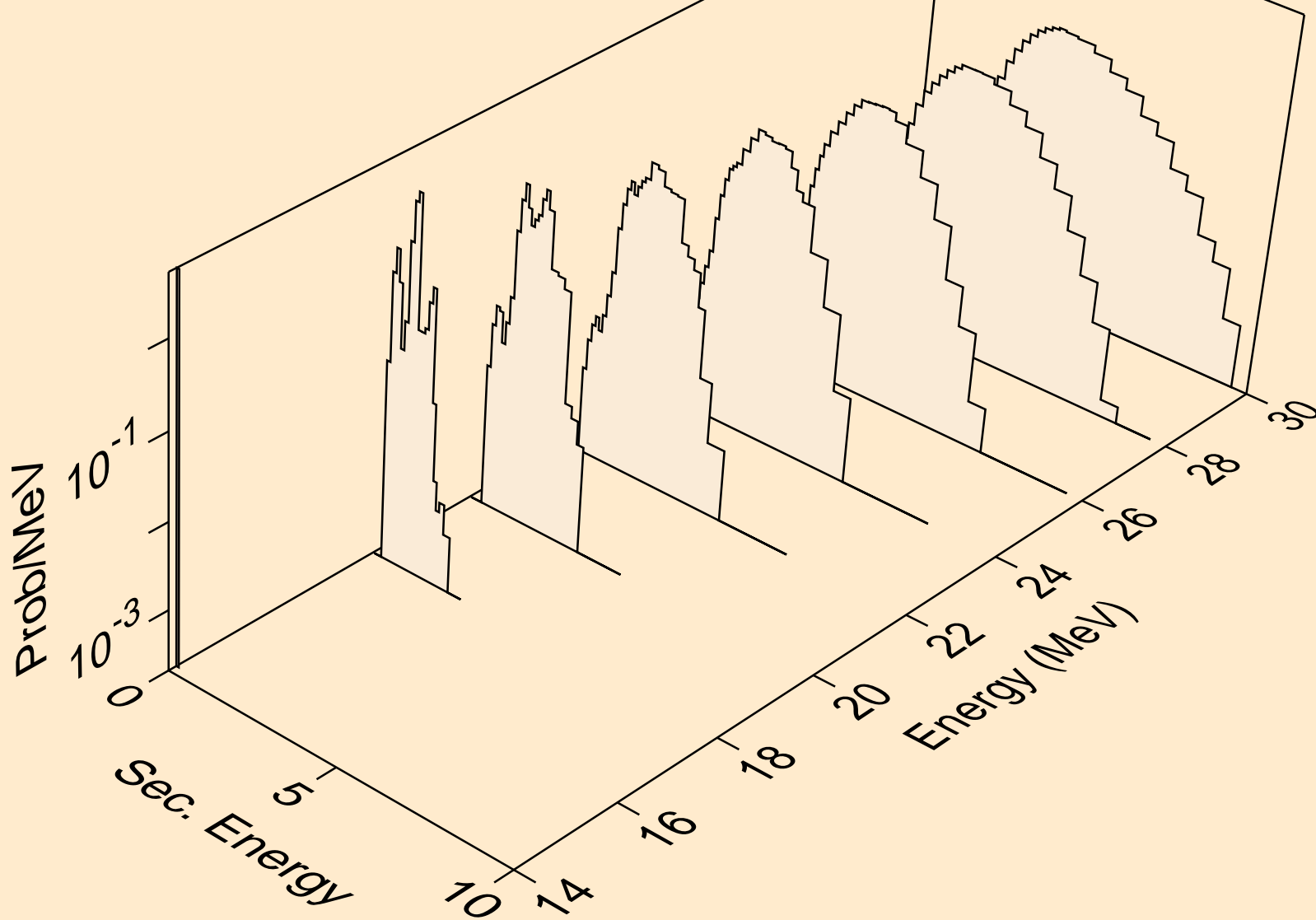
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



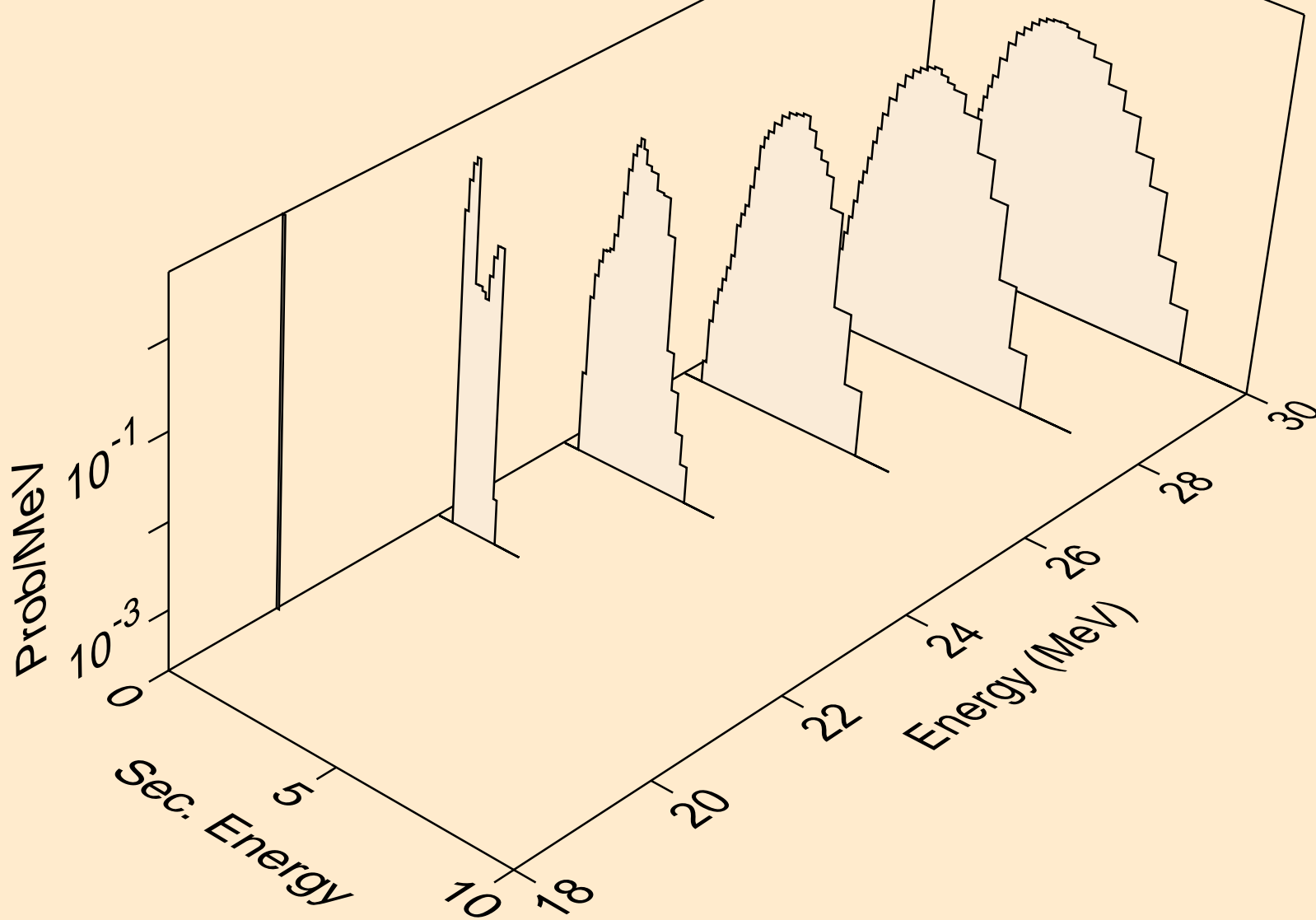
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



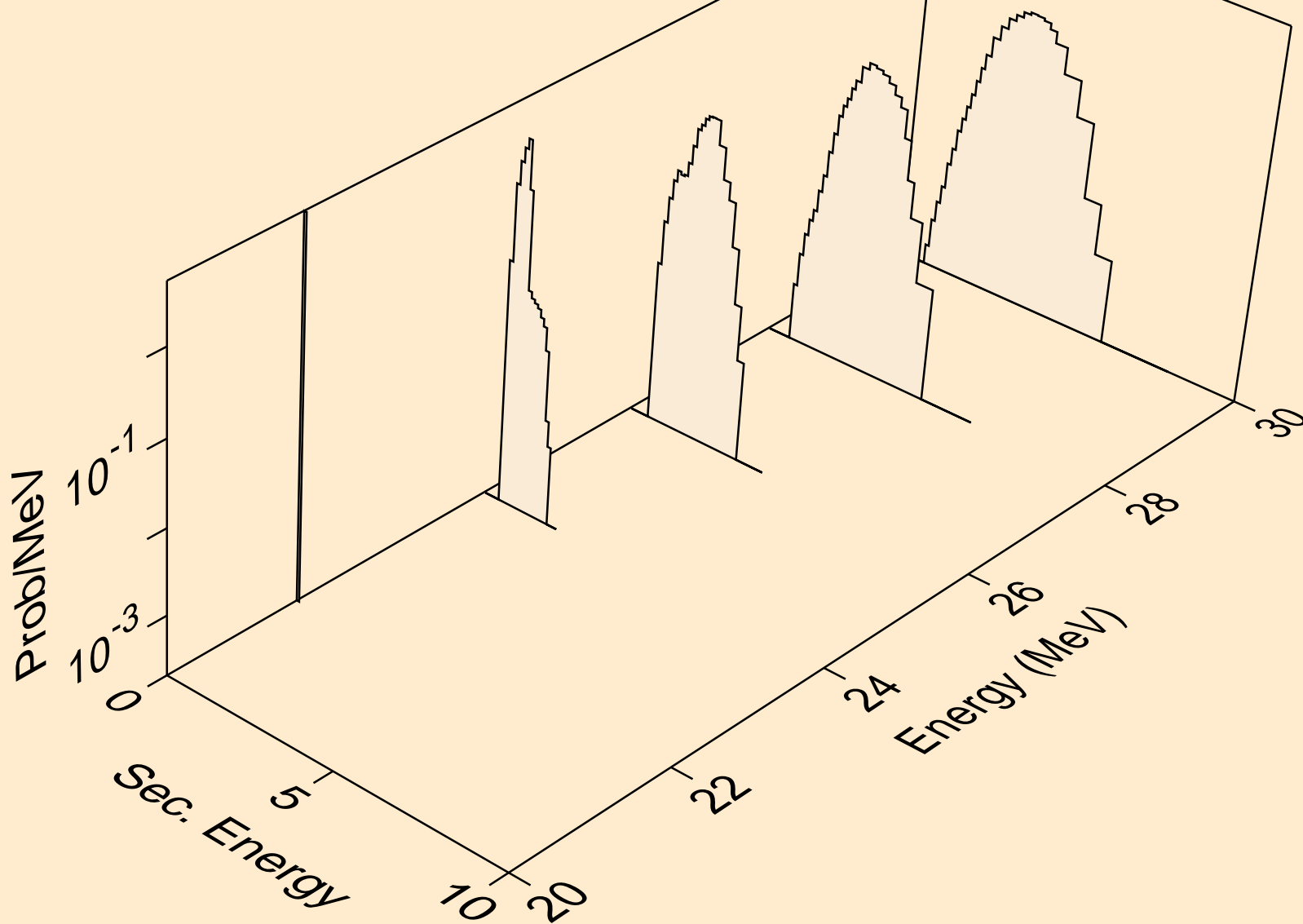
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



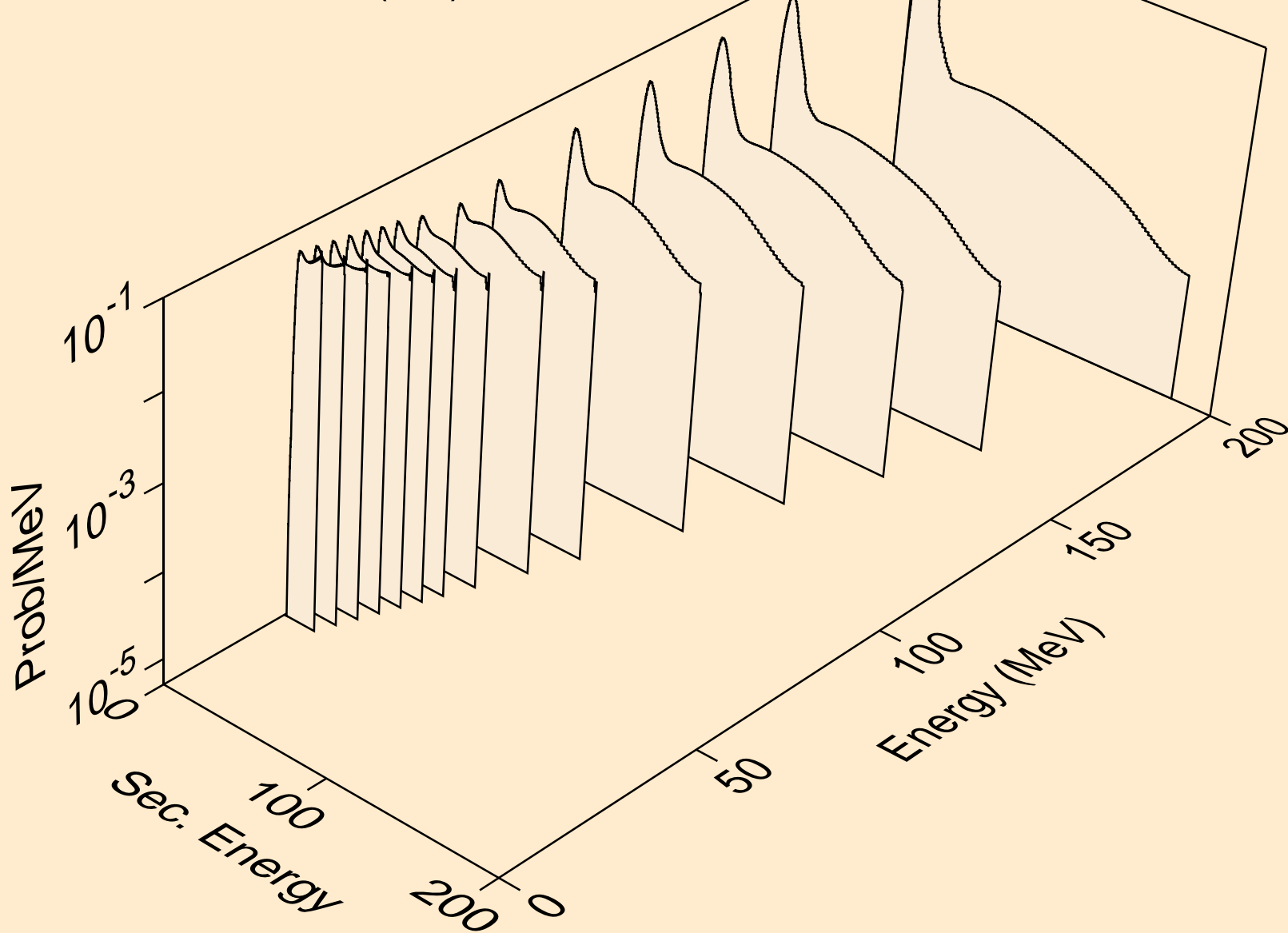
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)

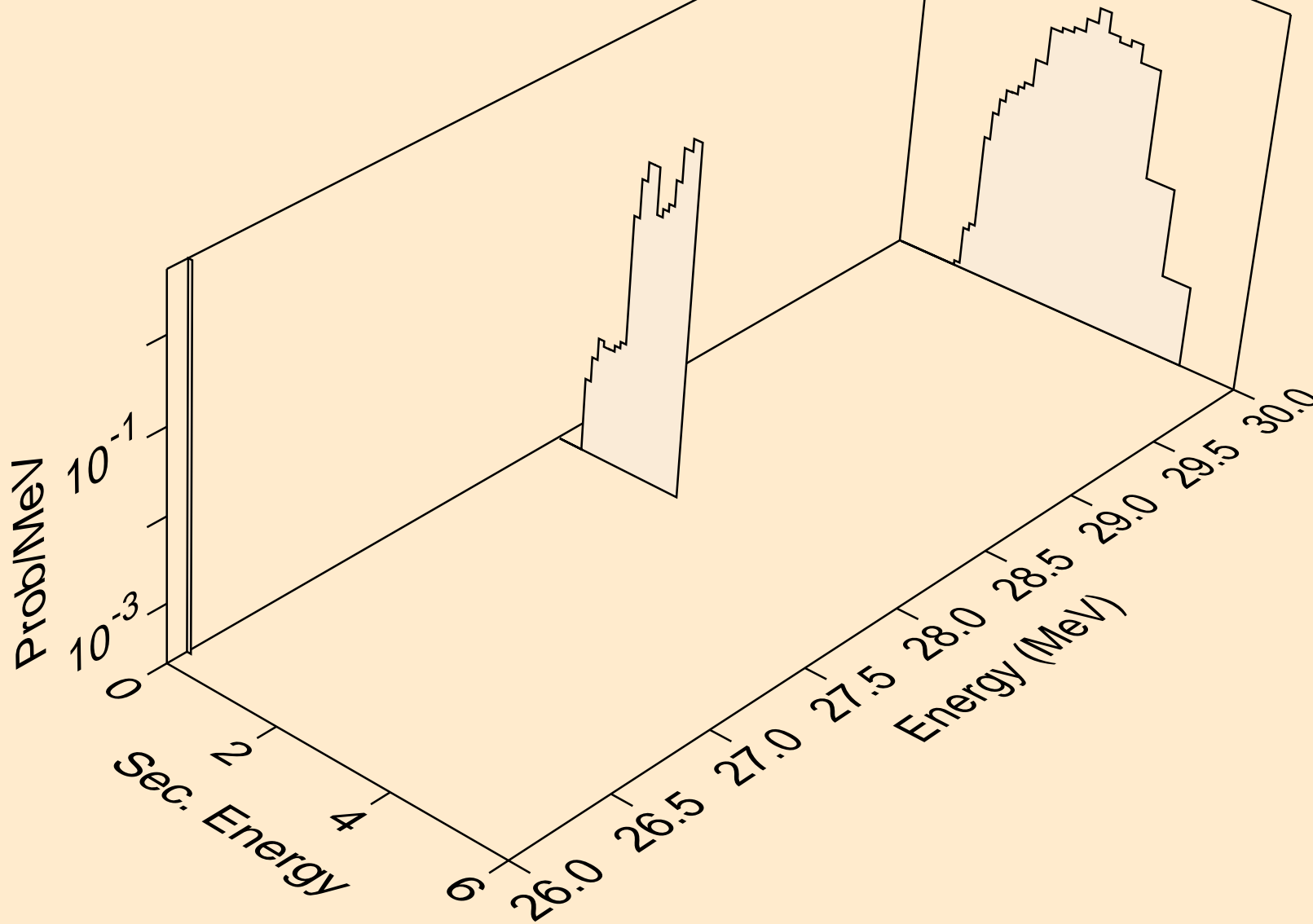


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

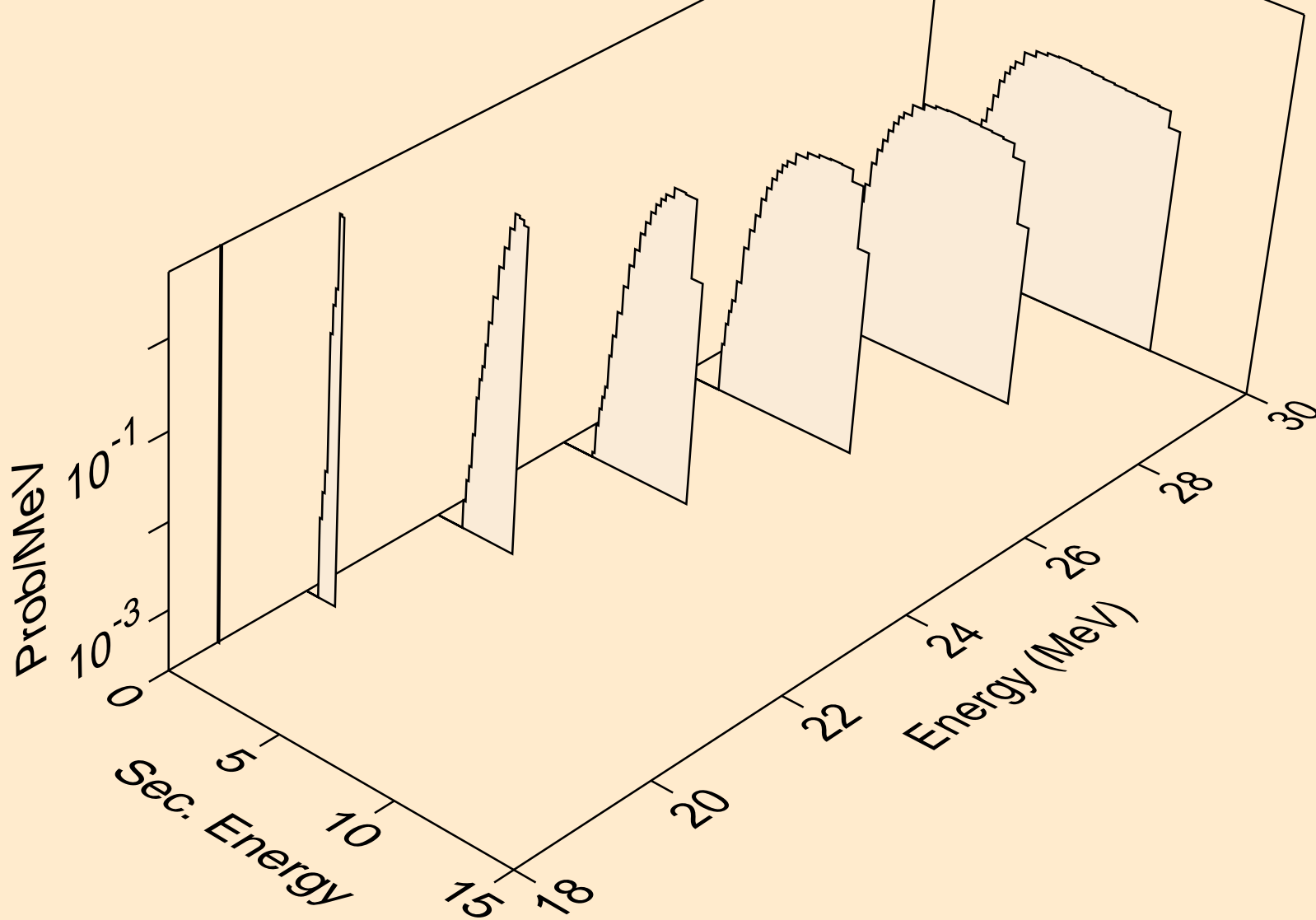




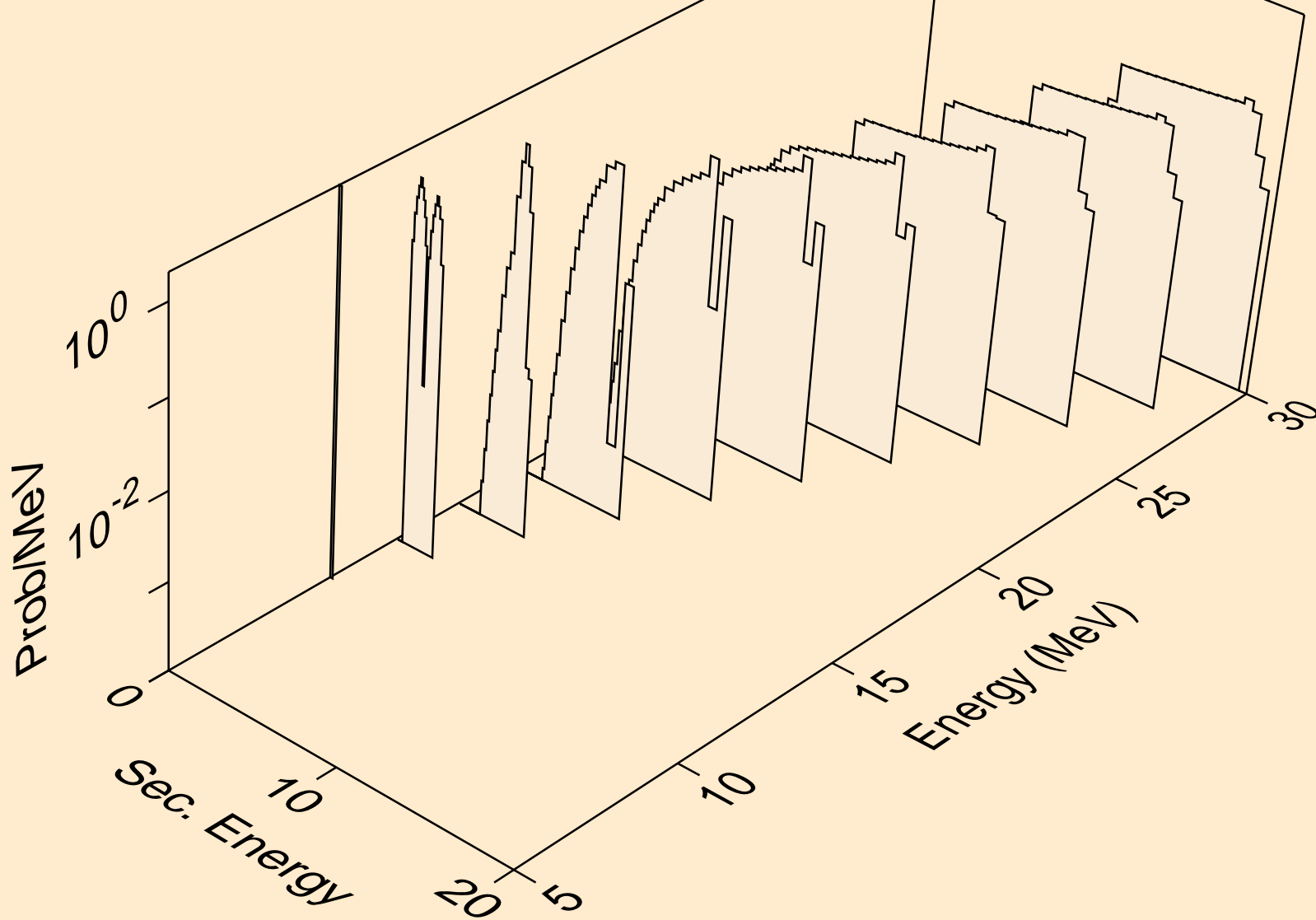
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



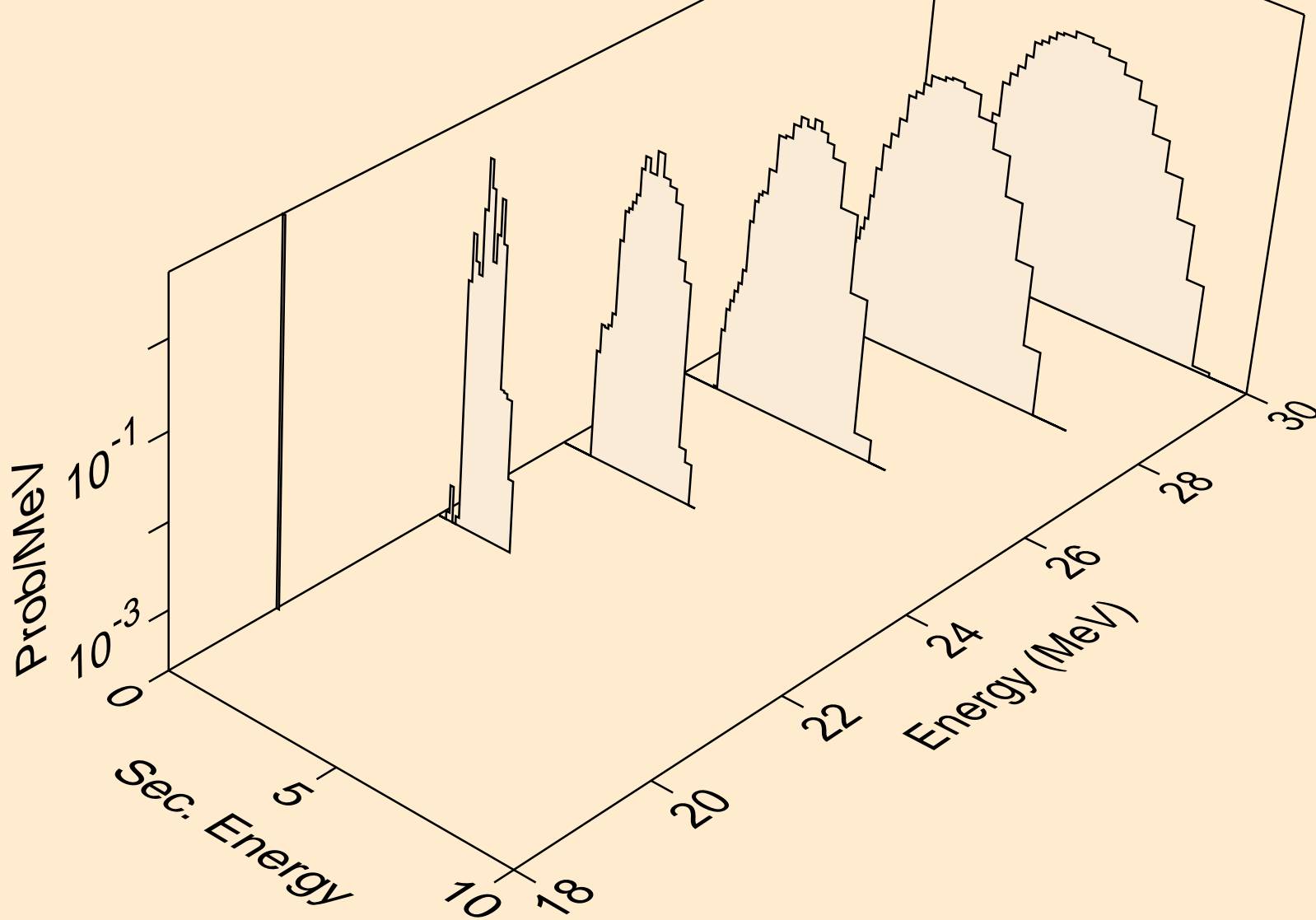
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



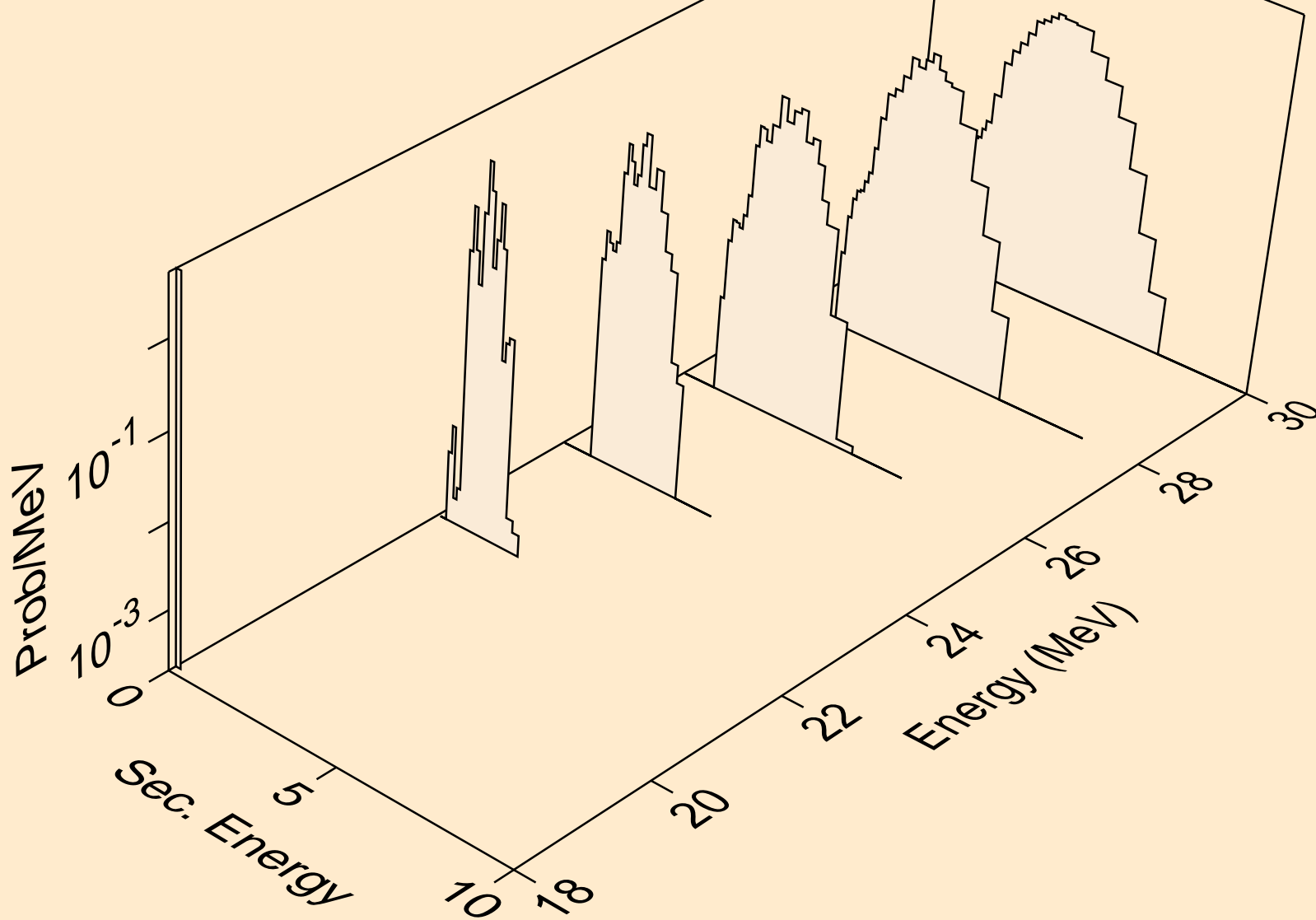
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



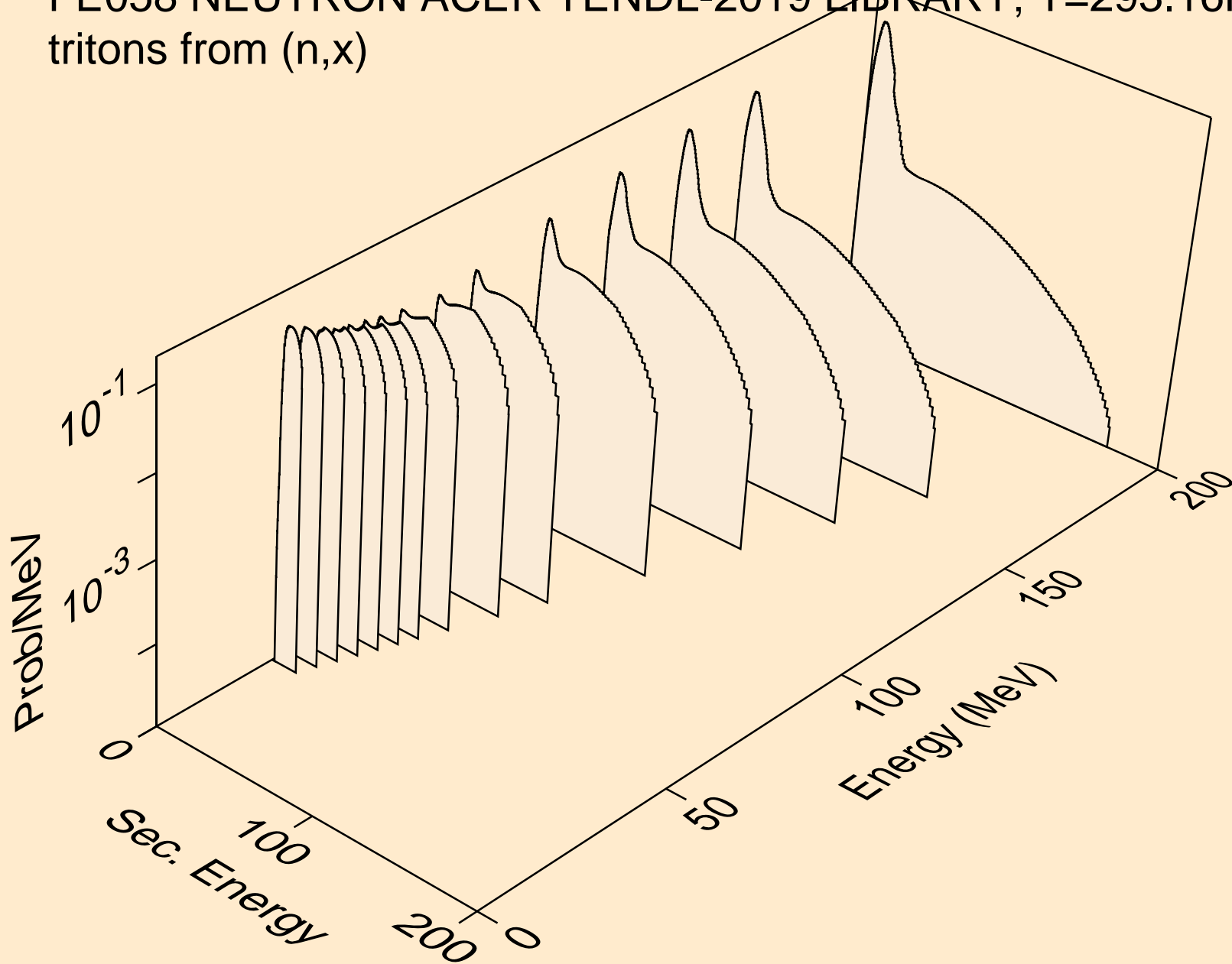
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



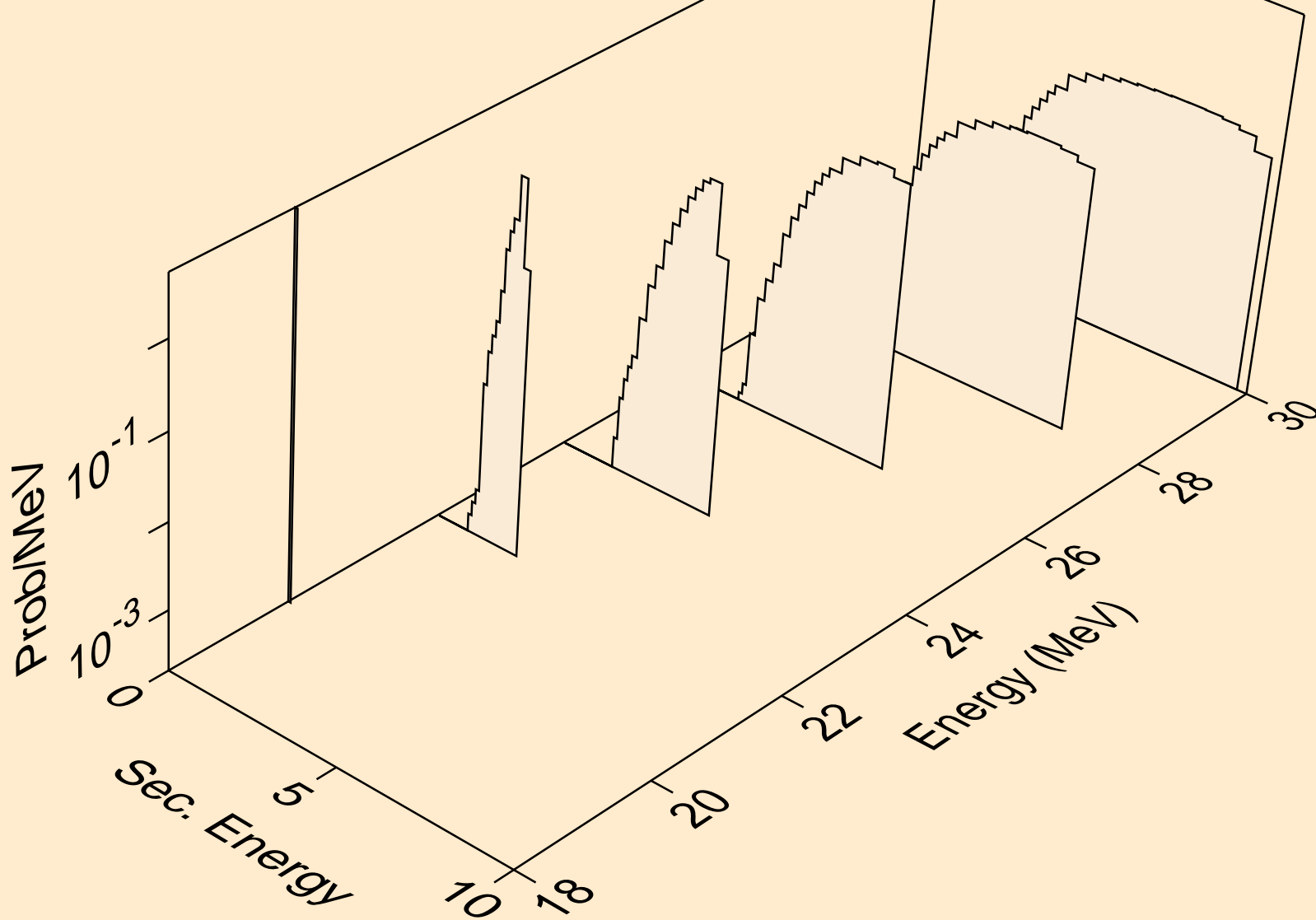
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



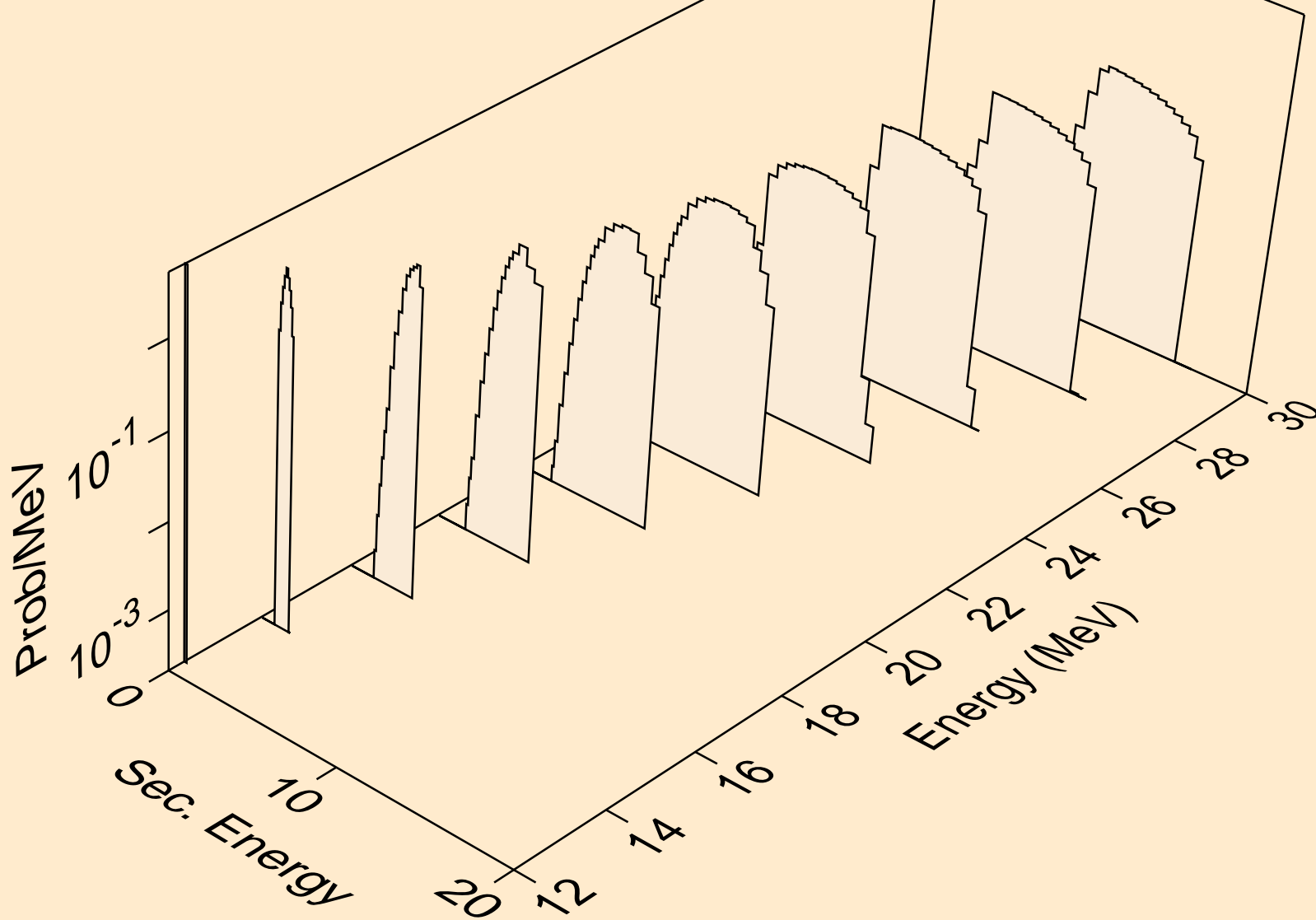
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

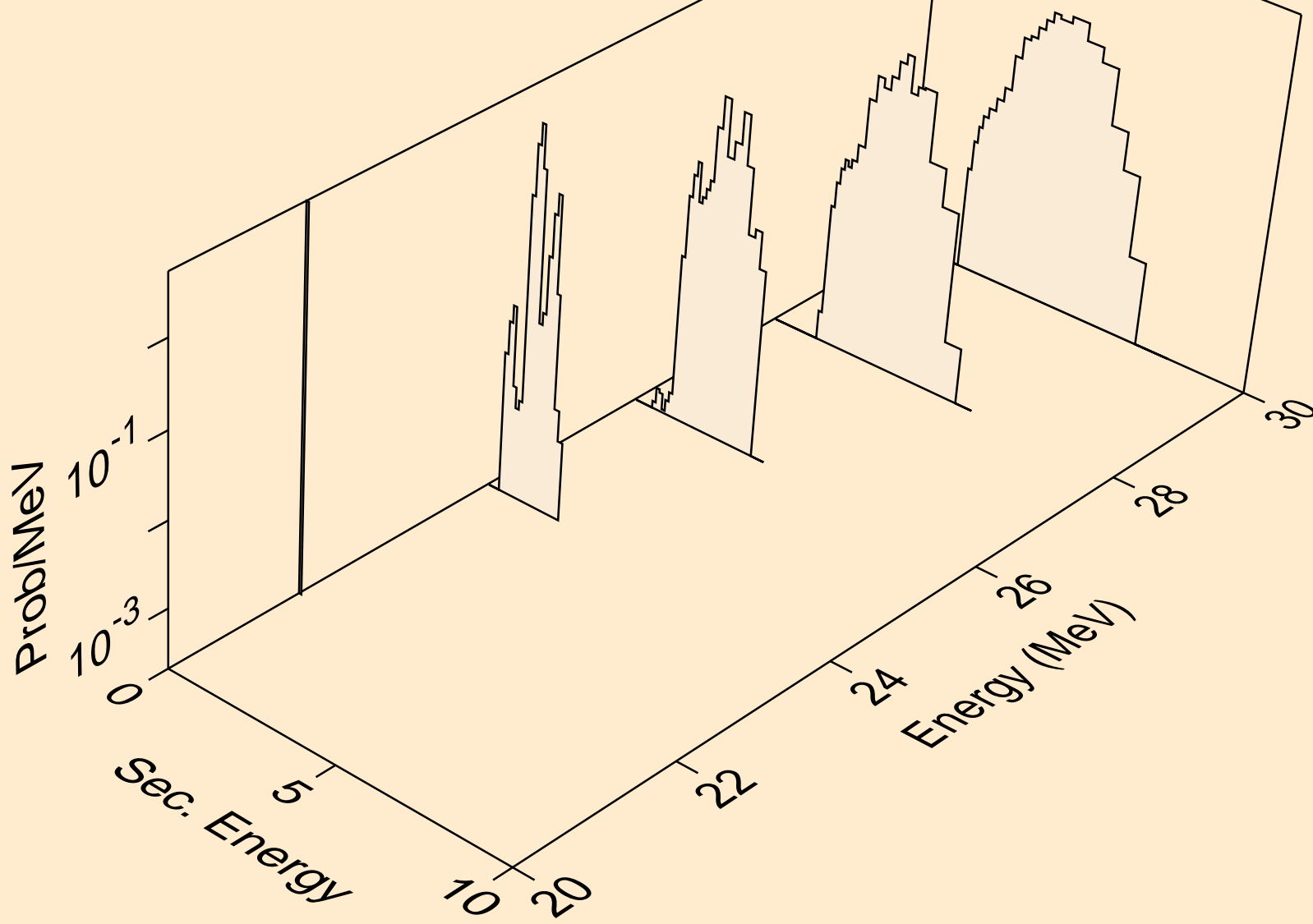


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)

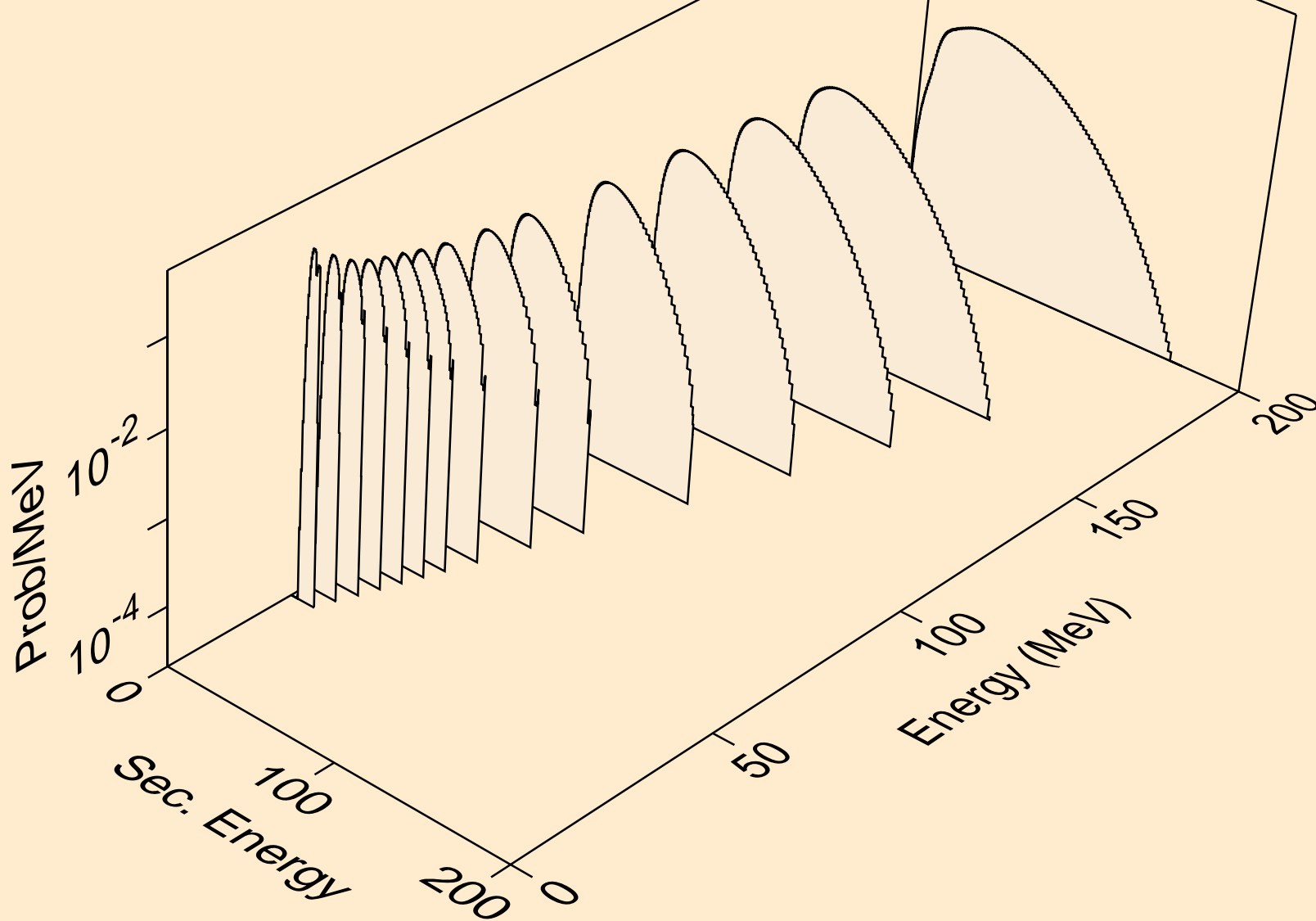




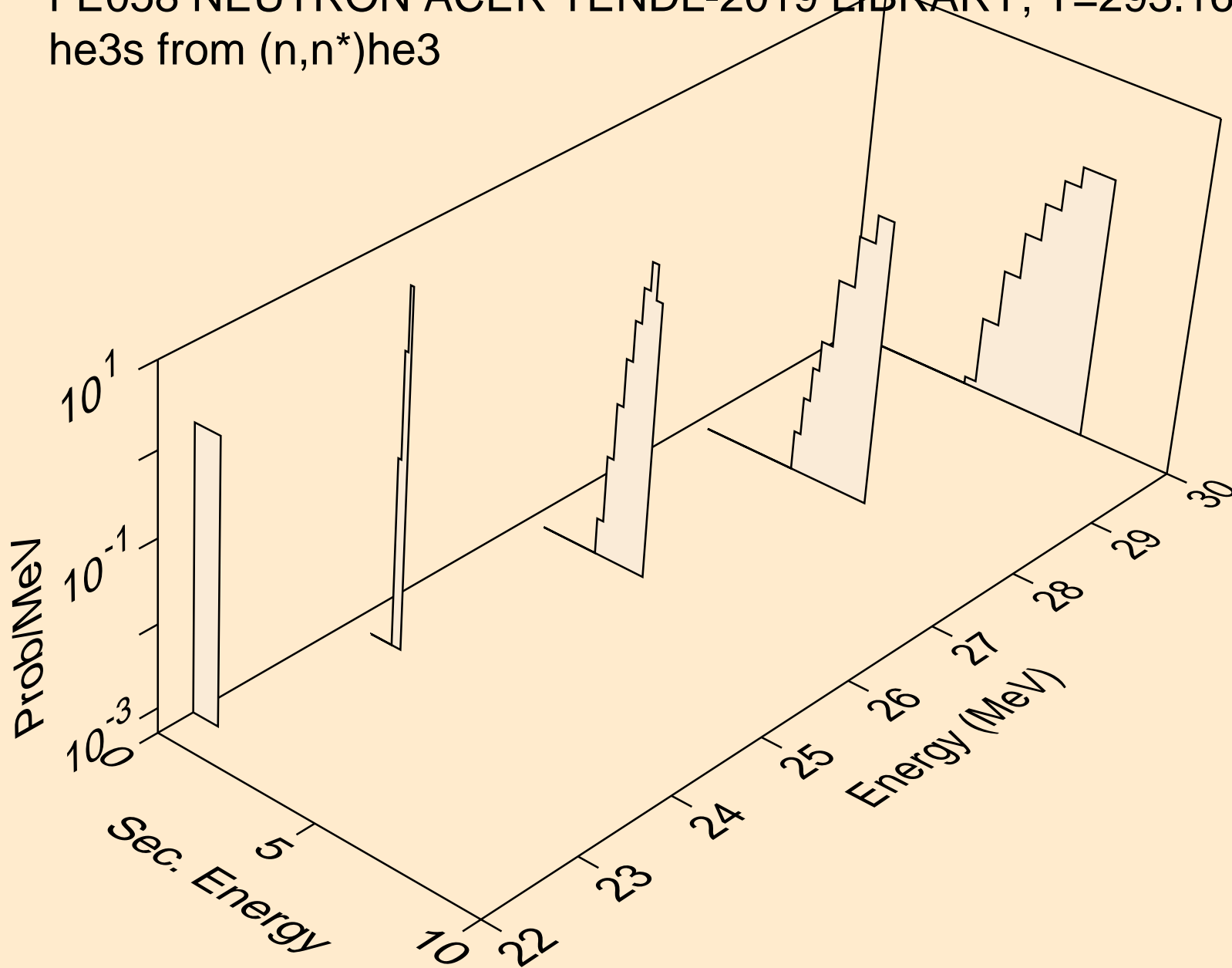
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



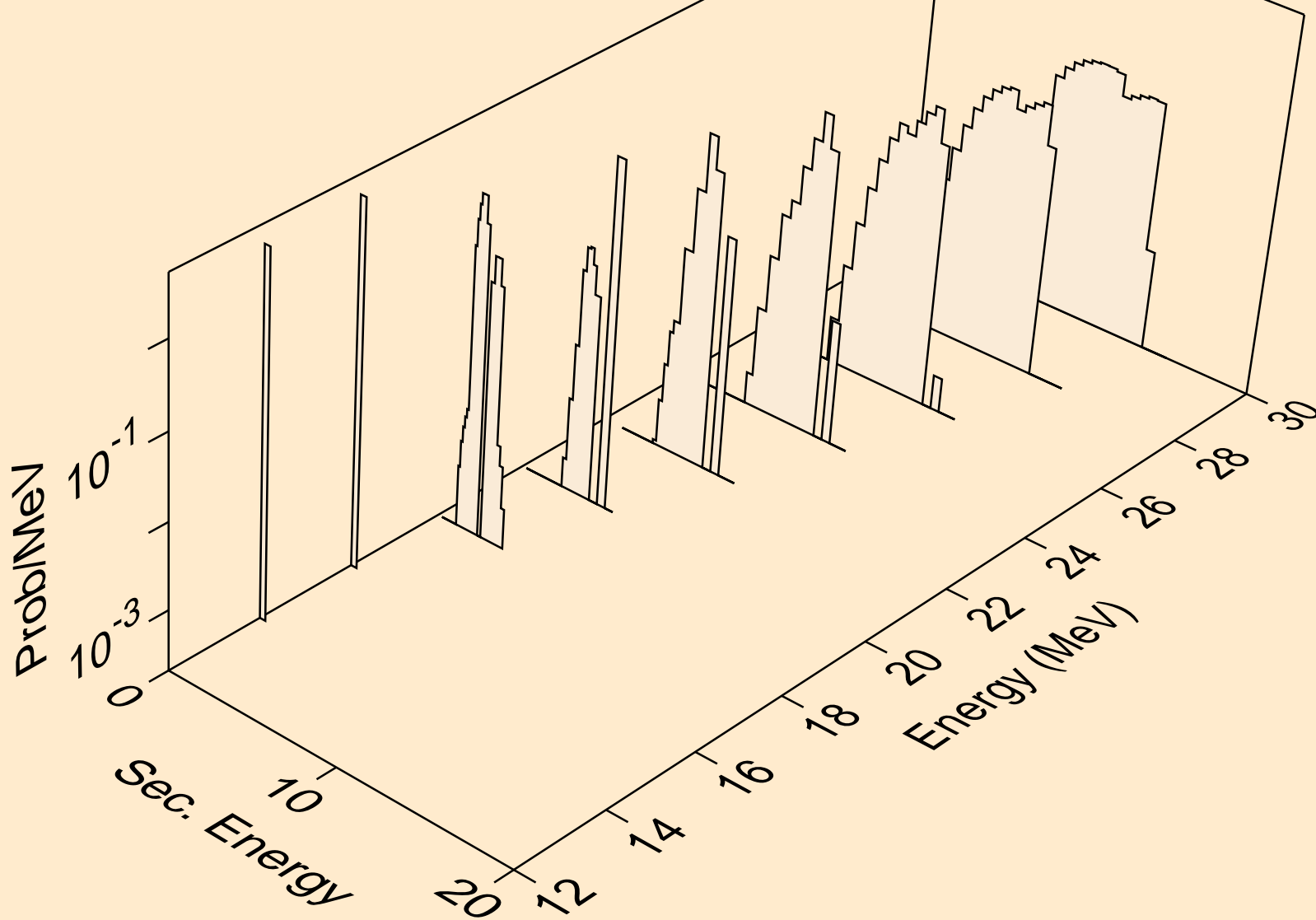
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



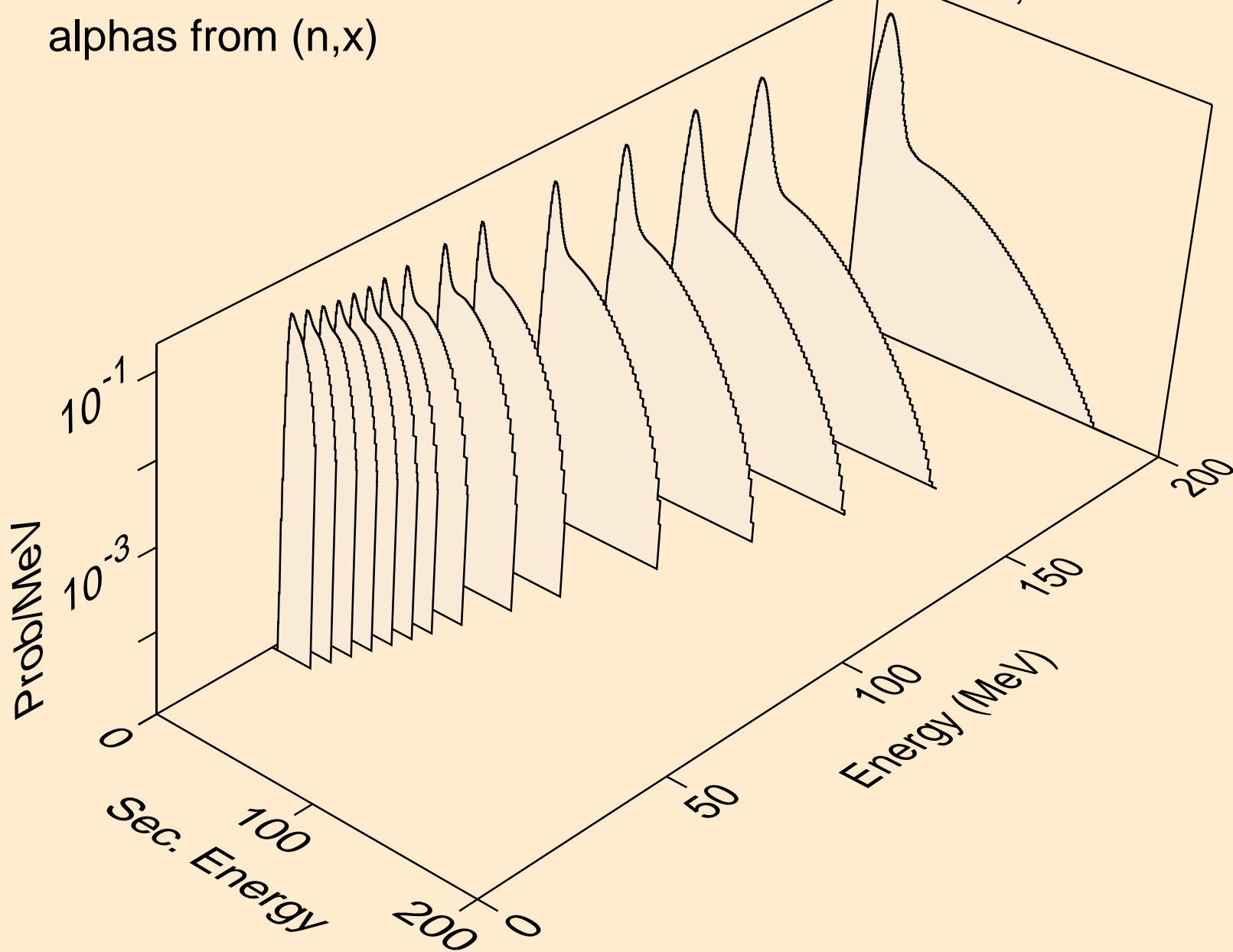
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



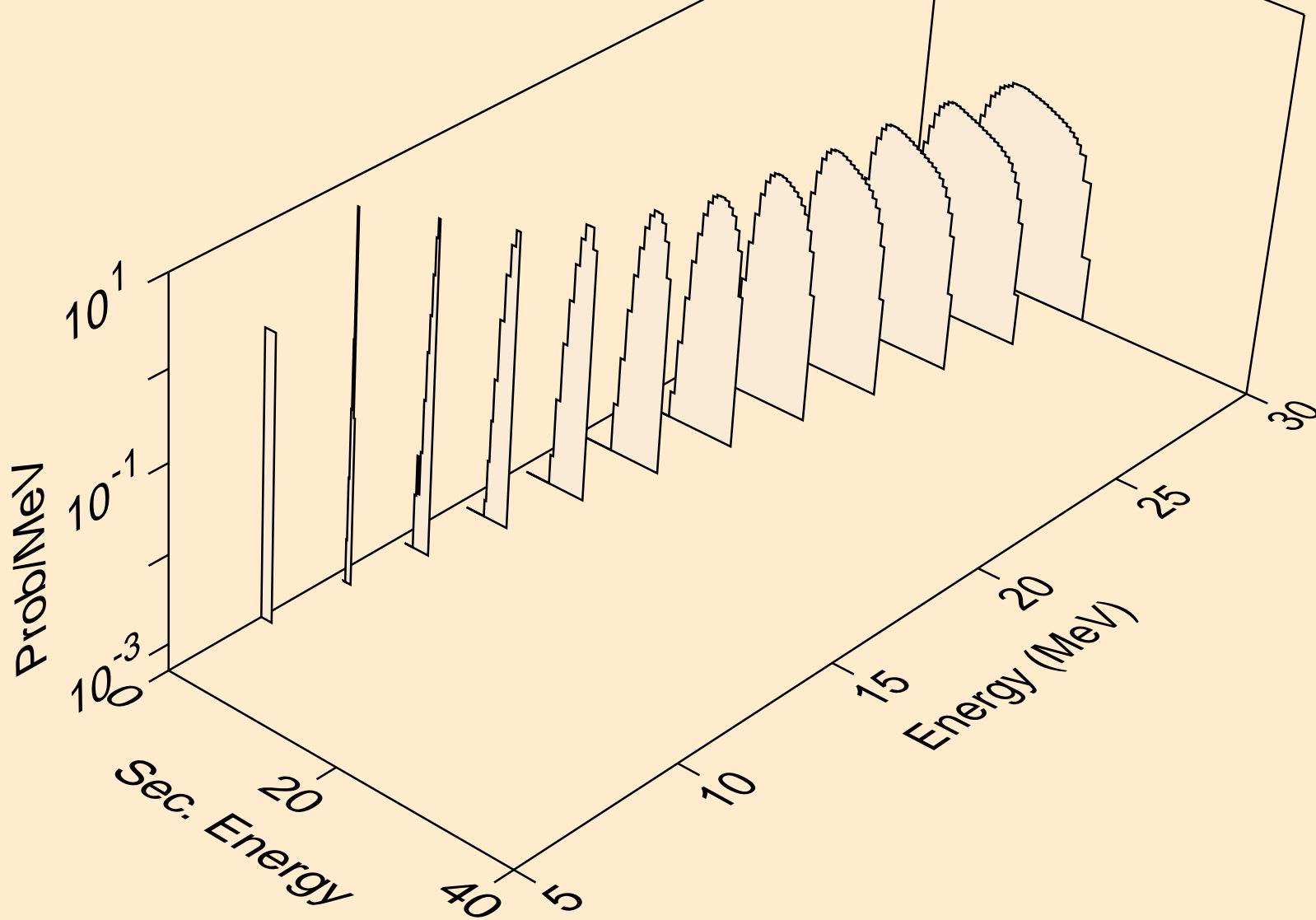
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



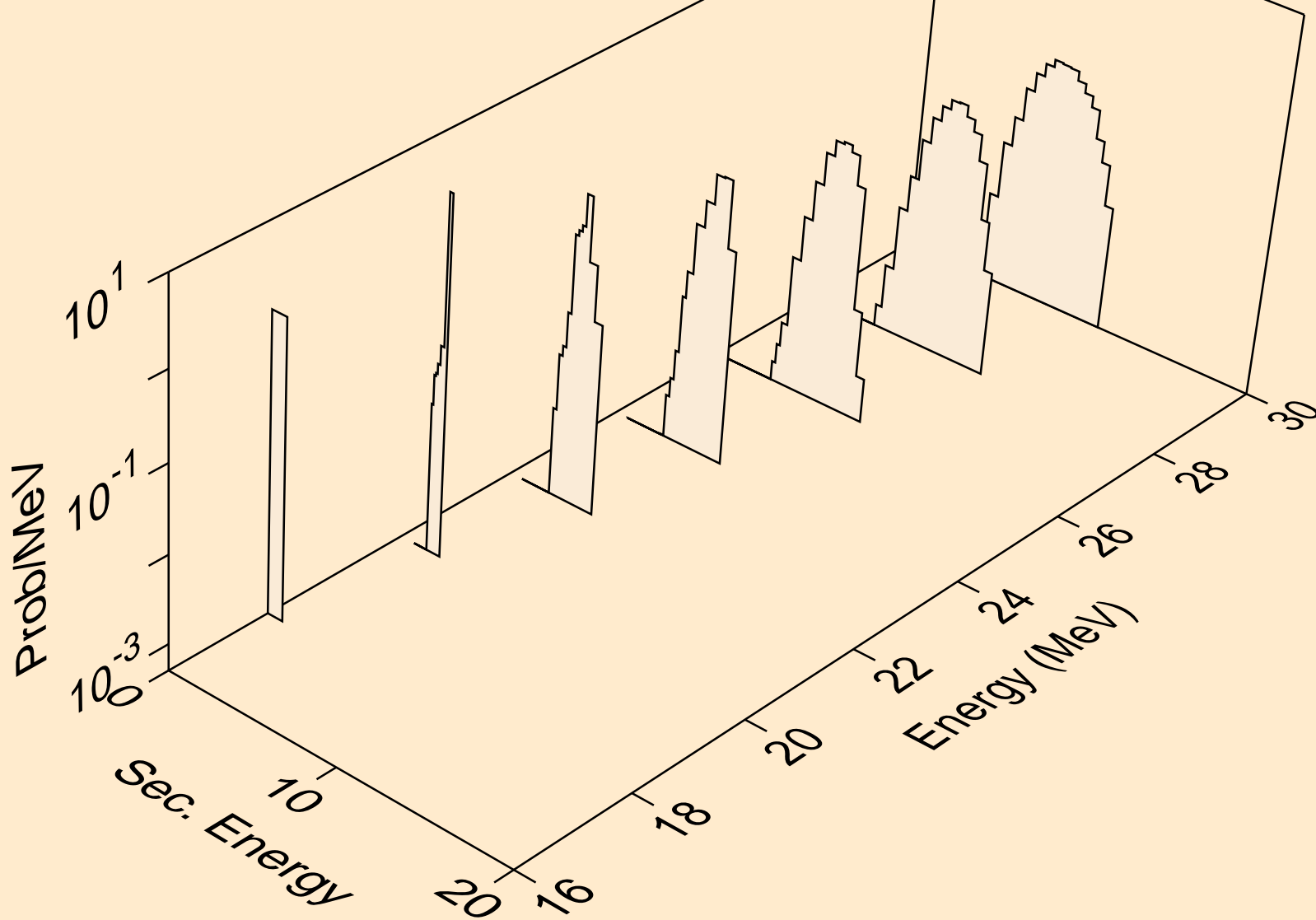
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



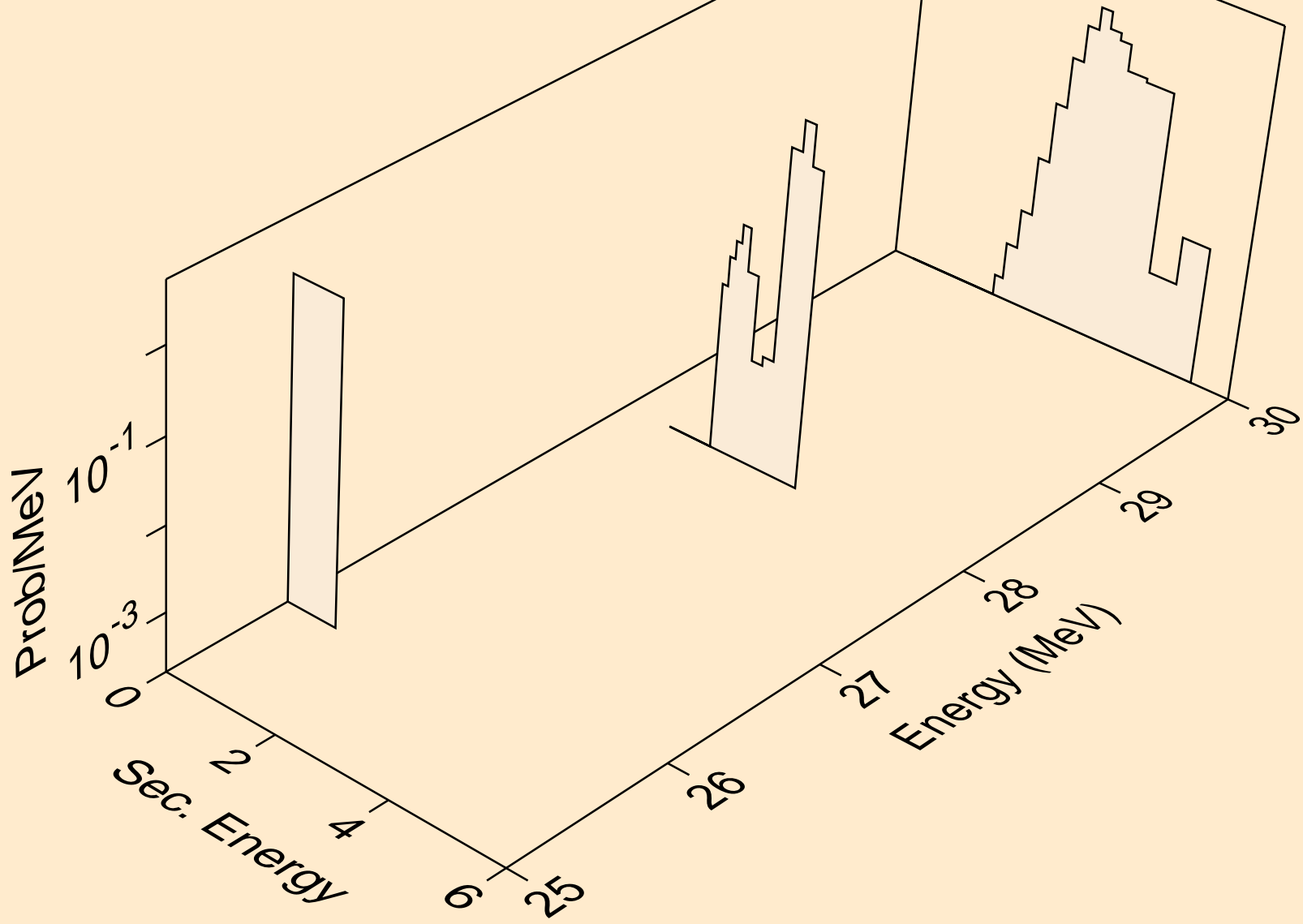
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a

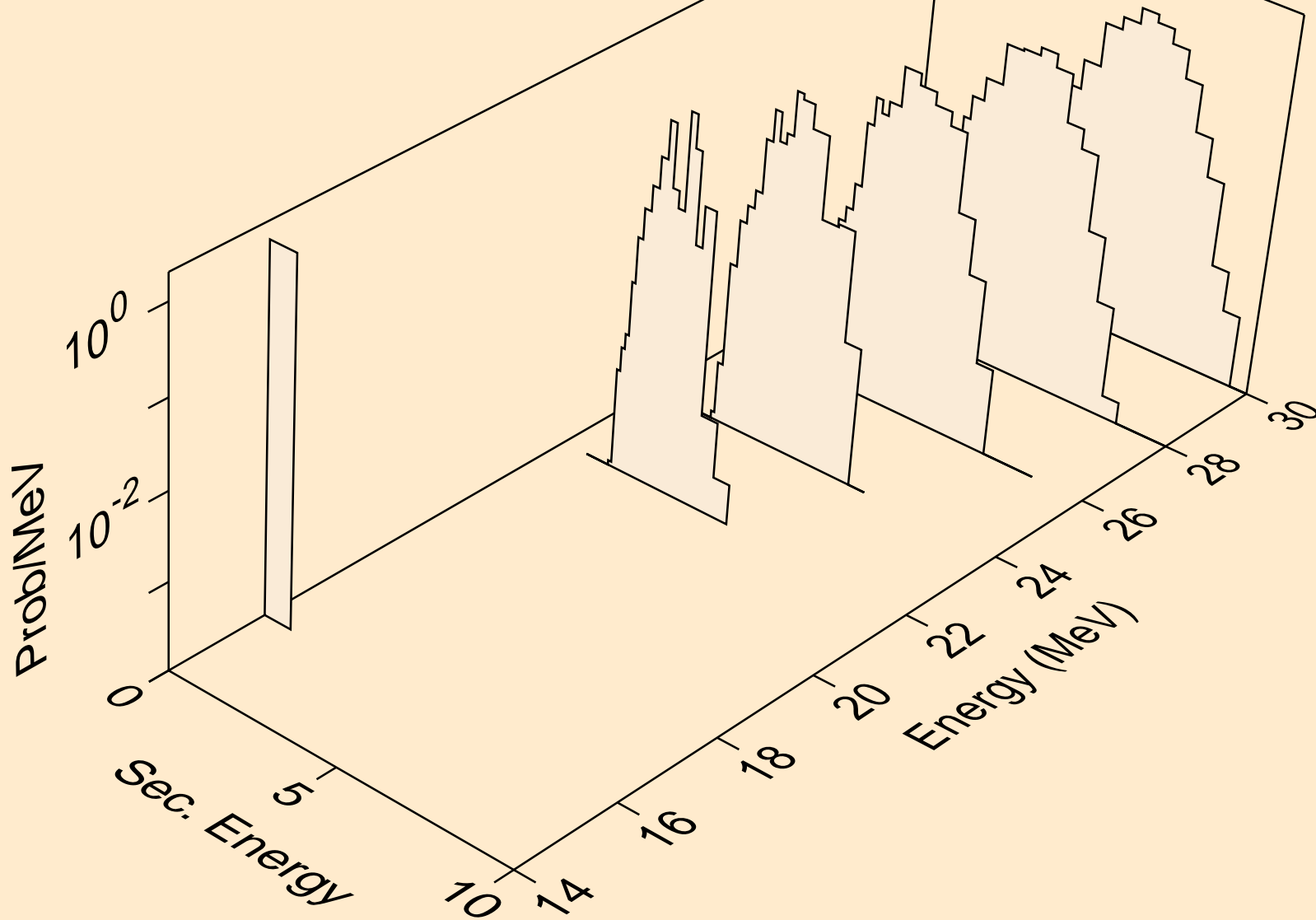


FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a

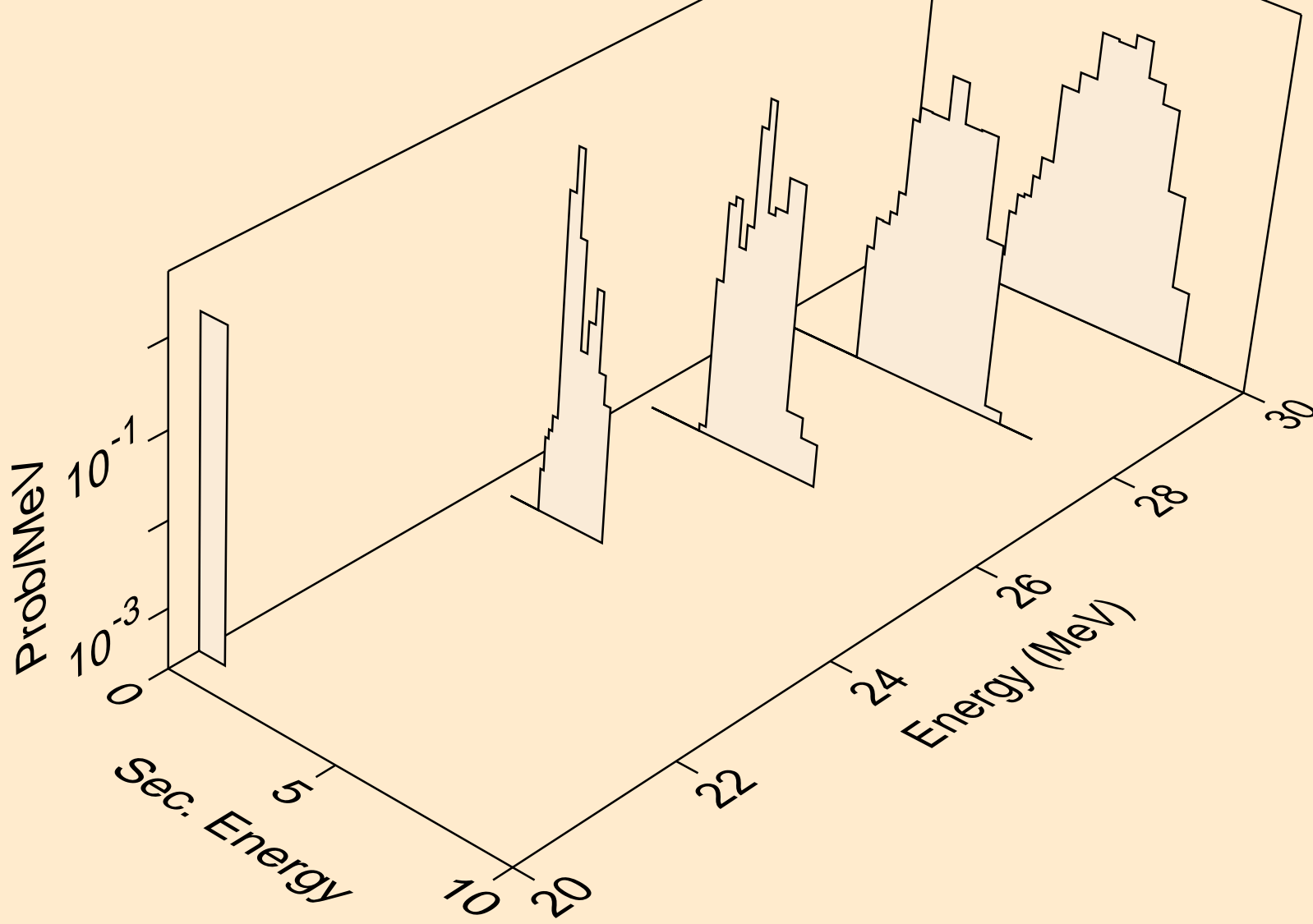




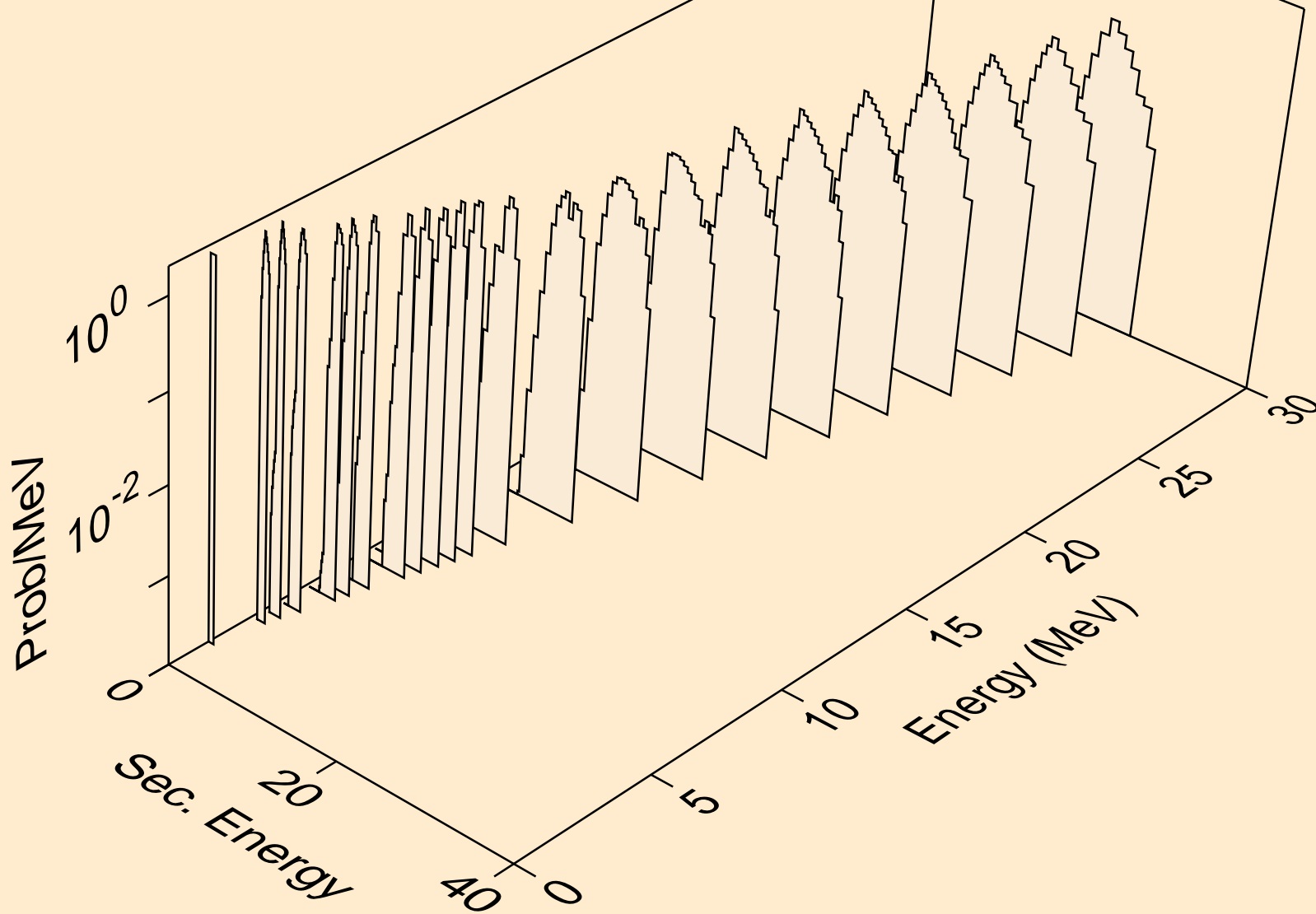
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



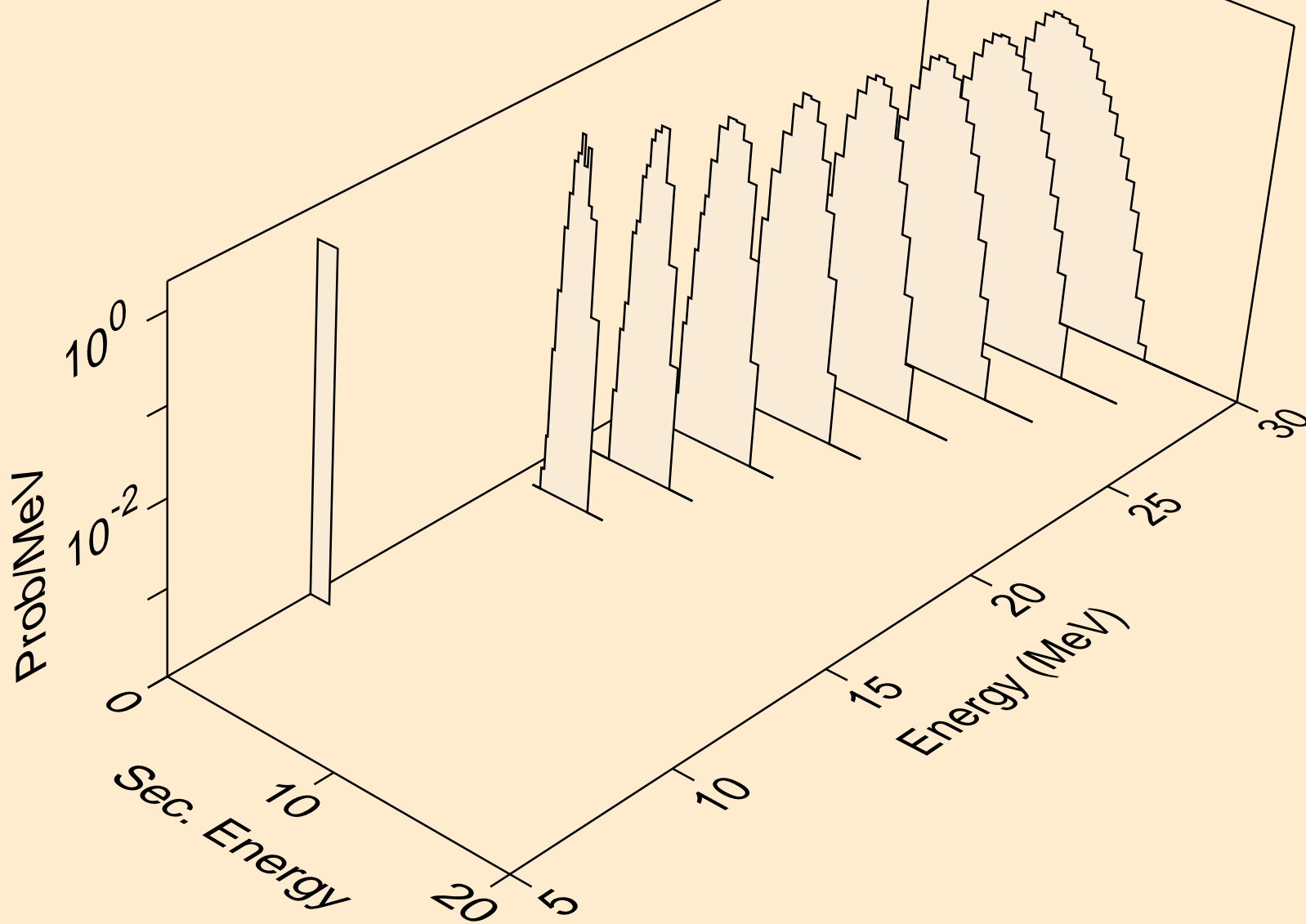
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



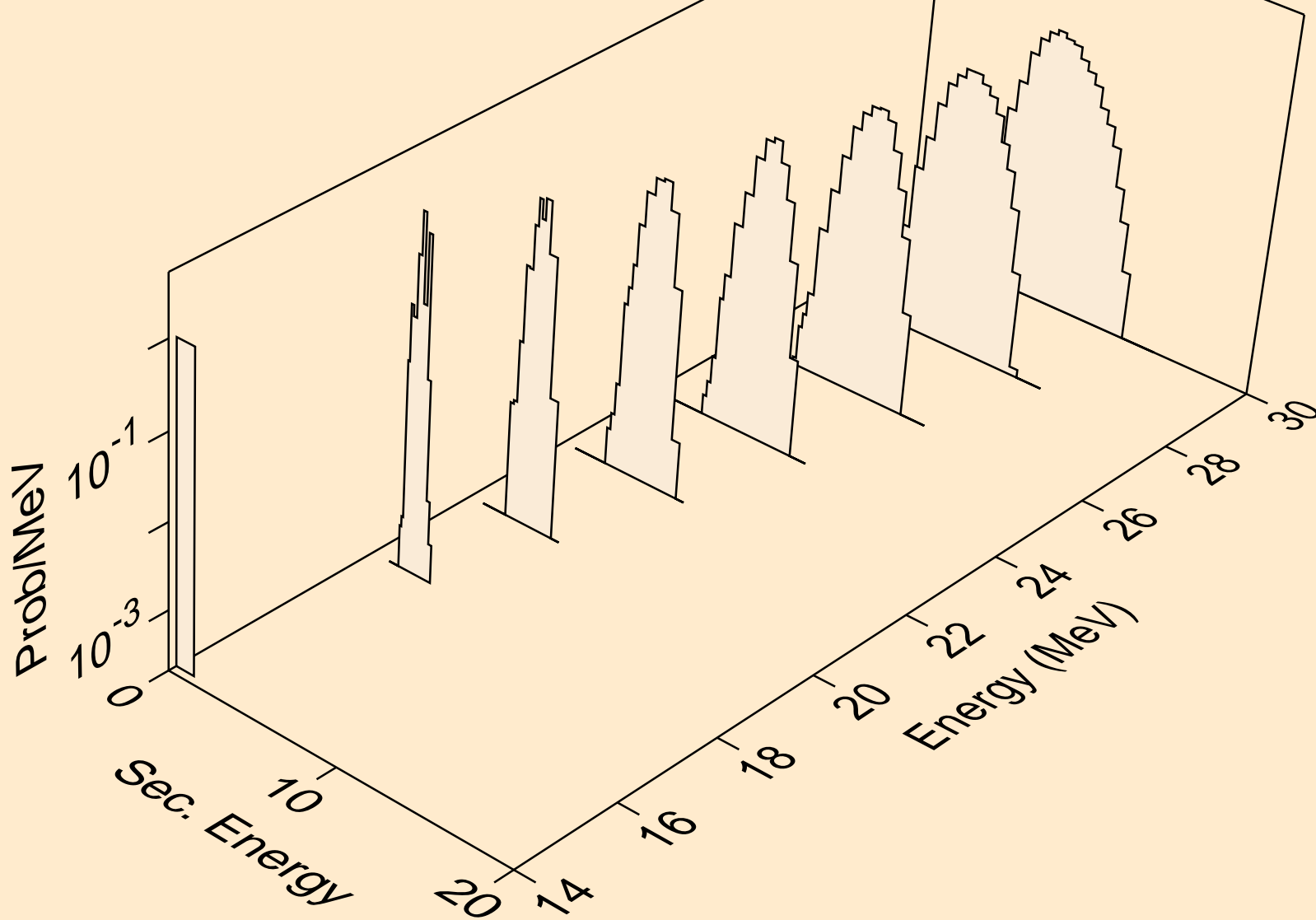
FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



FE058 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

