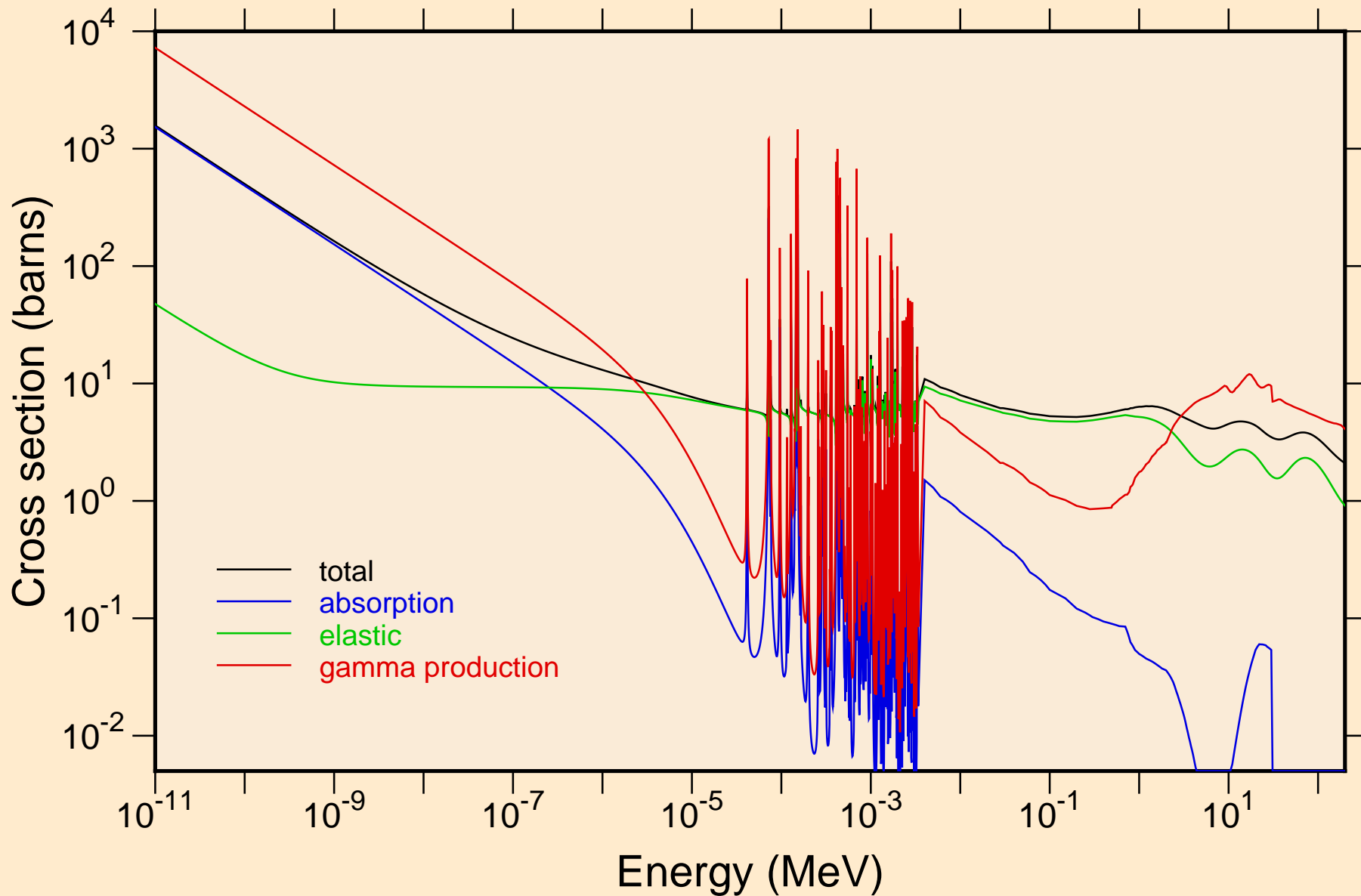
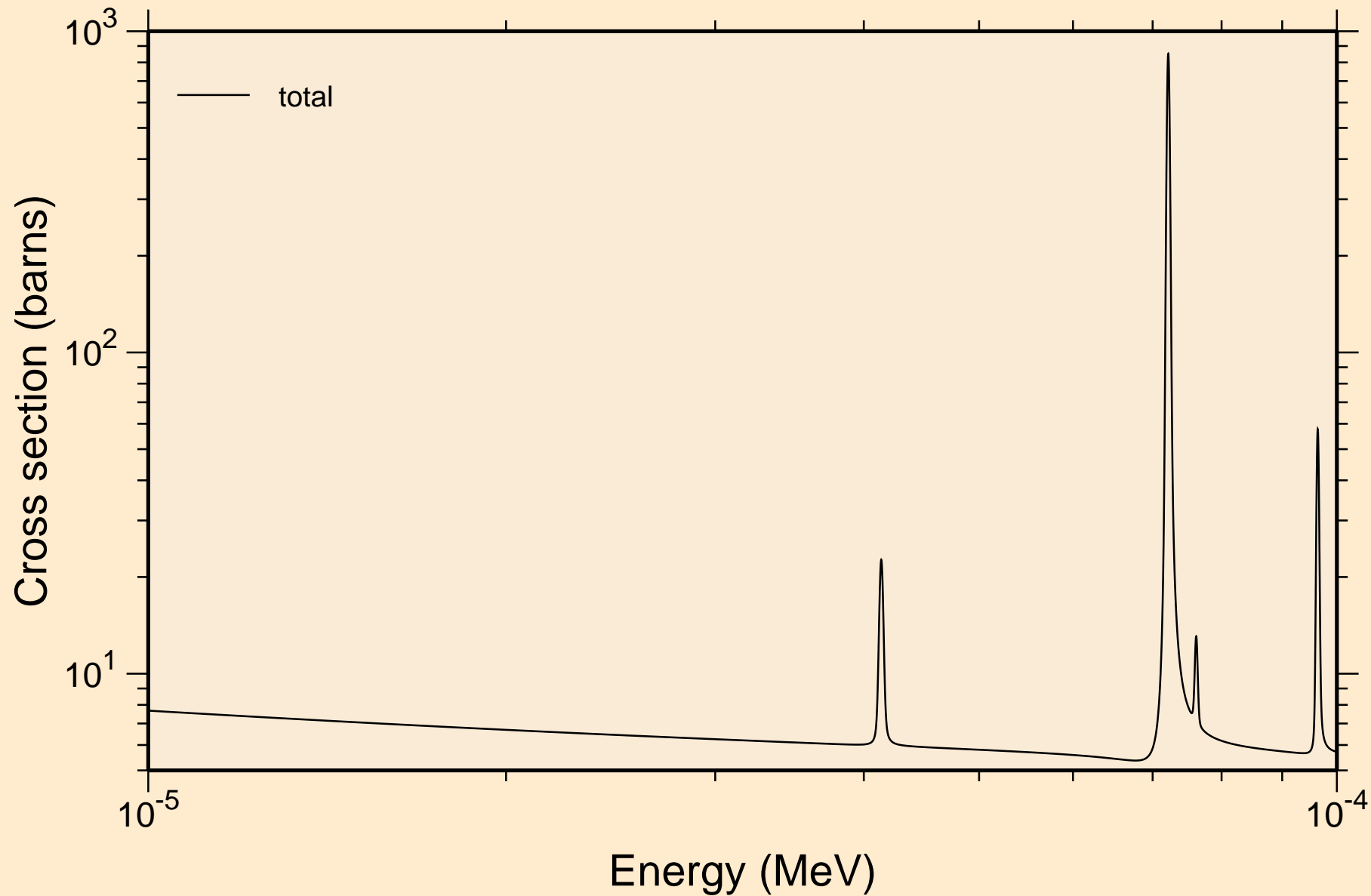


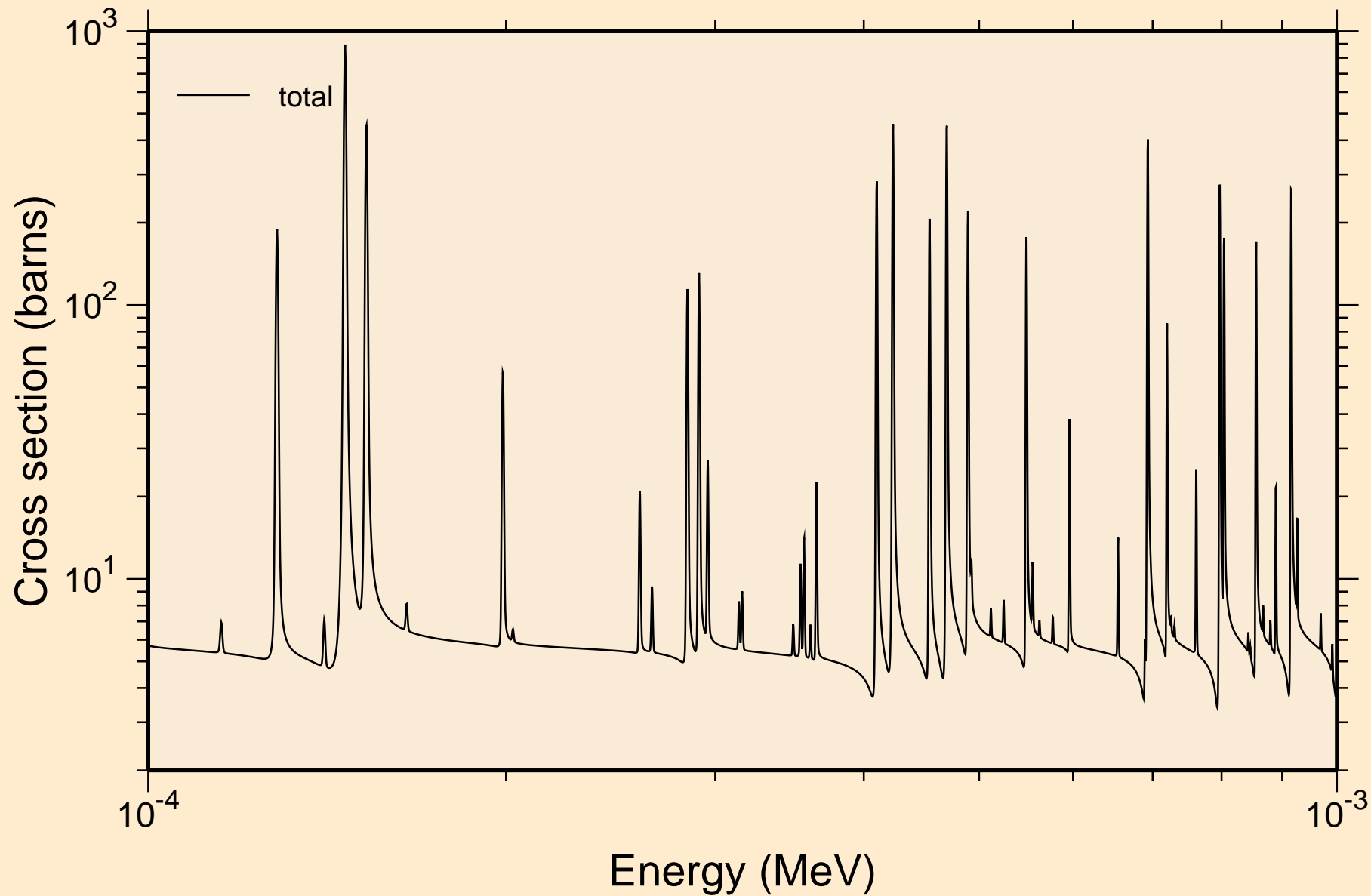
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



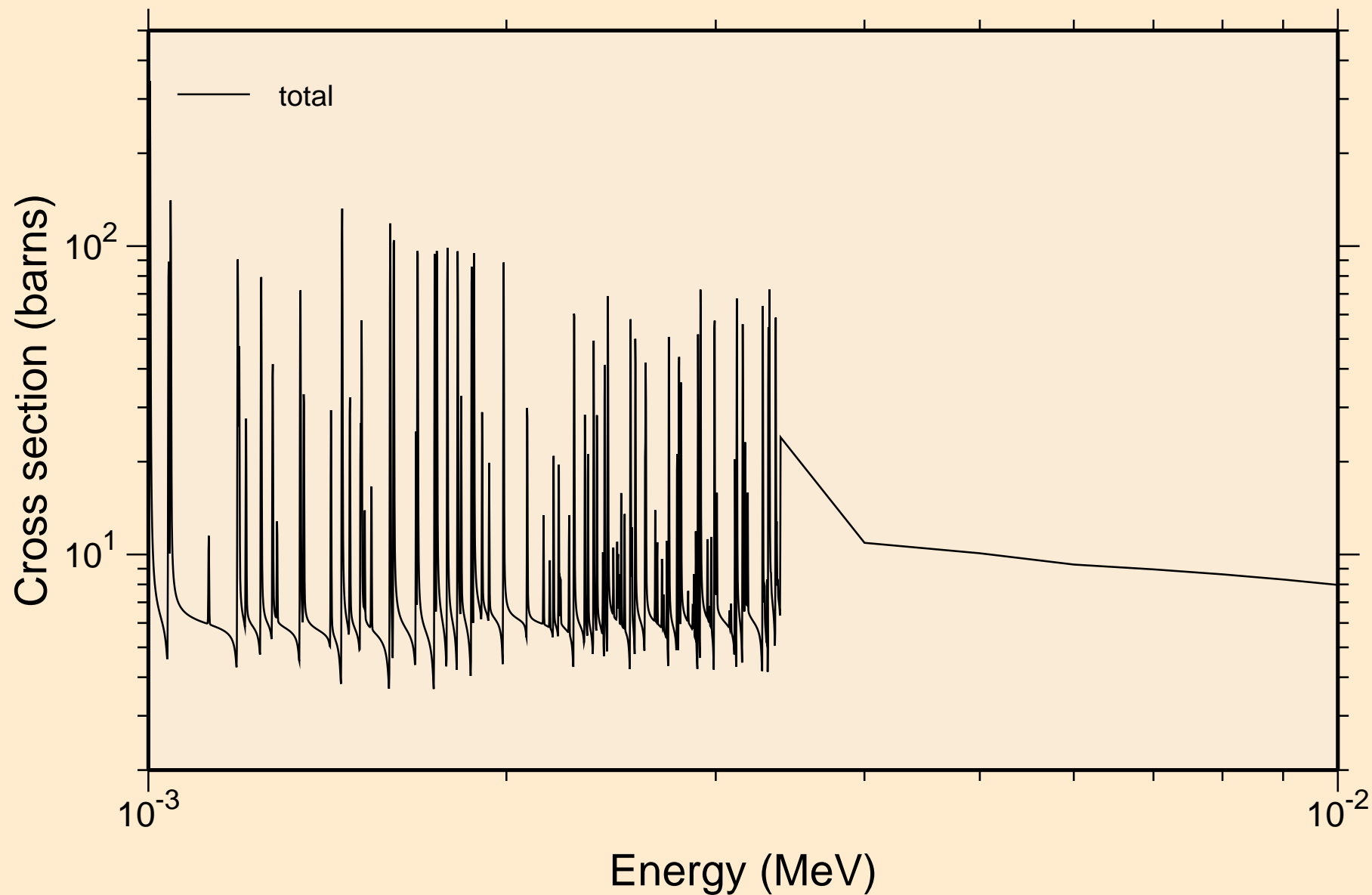
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



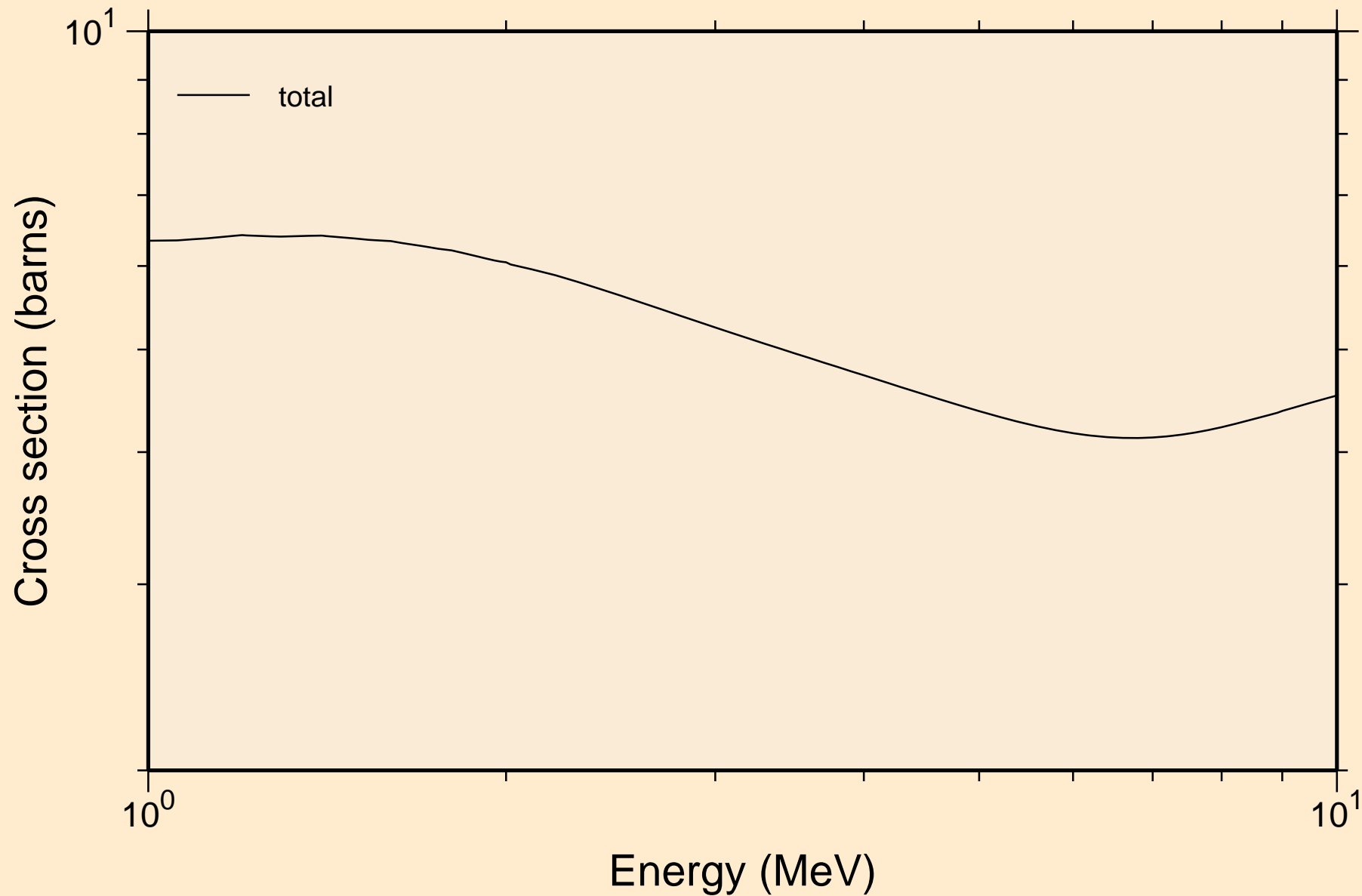
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



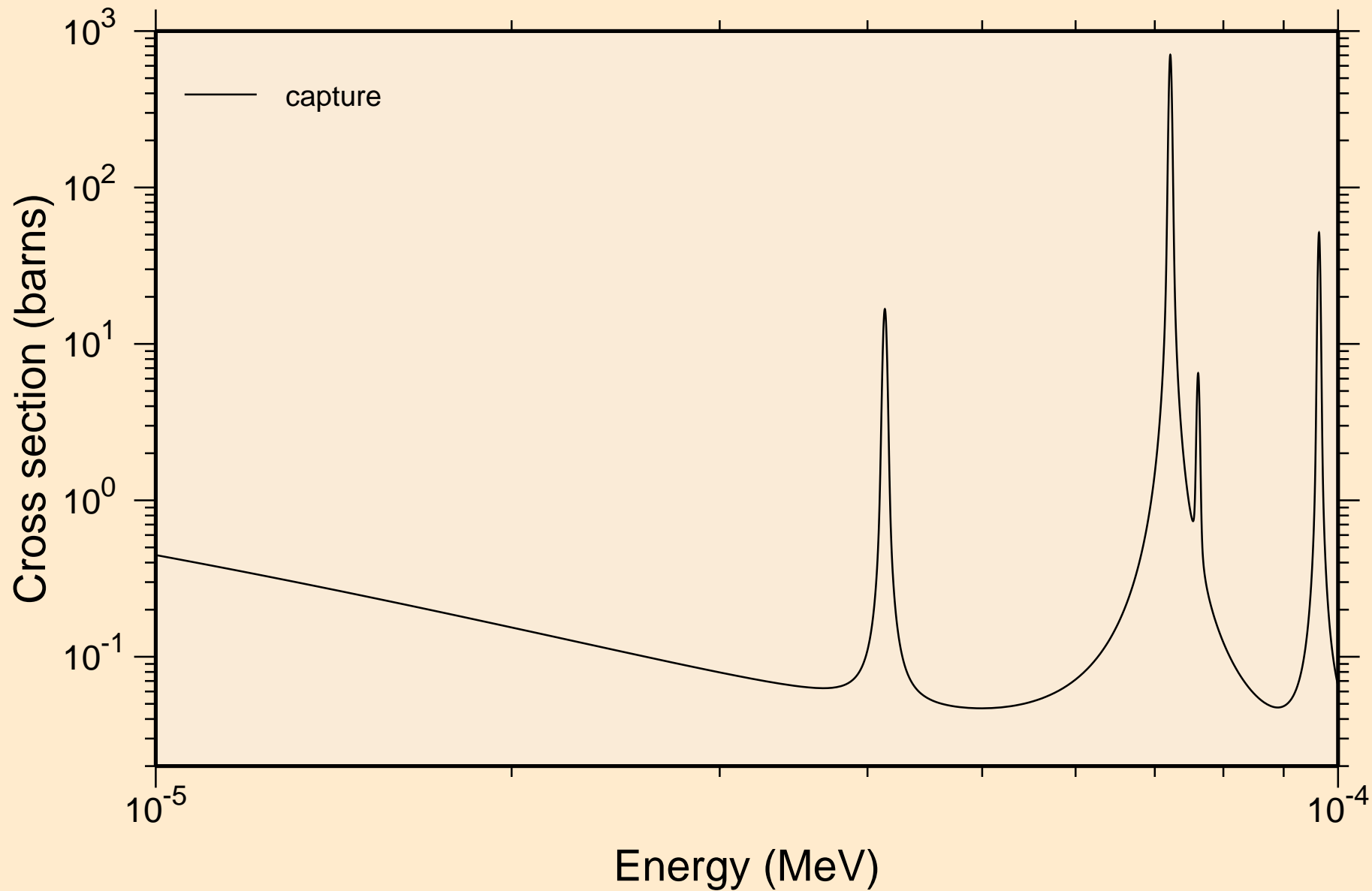
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



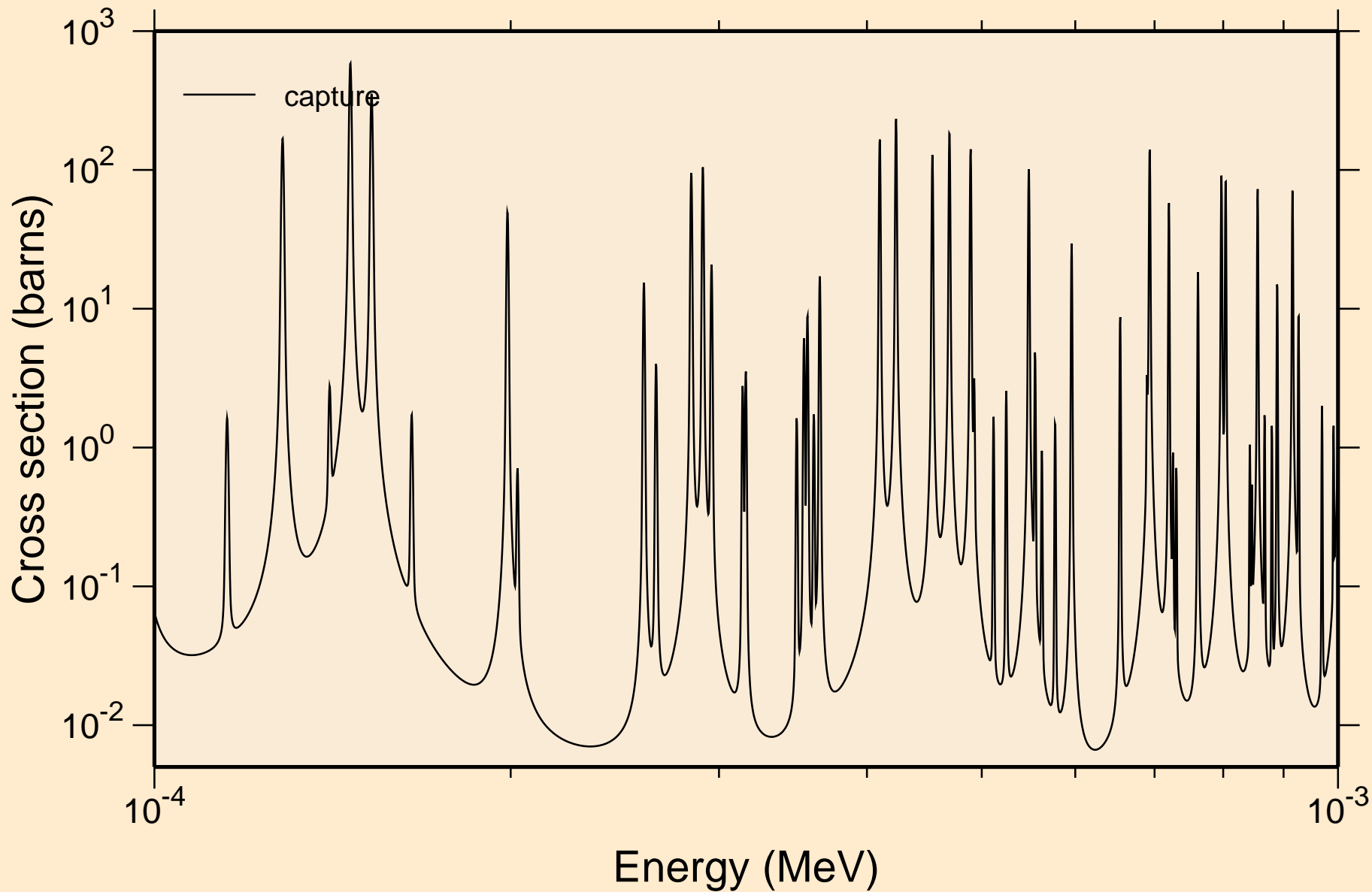
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



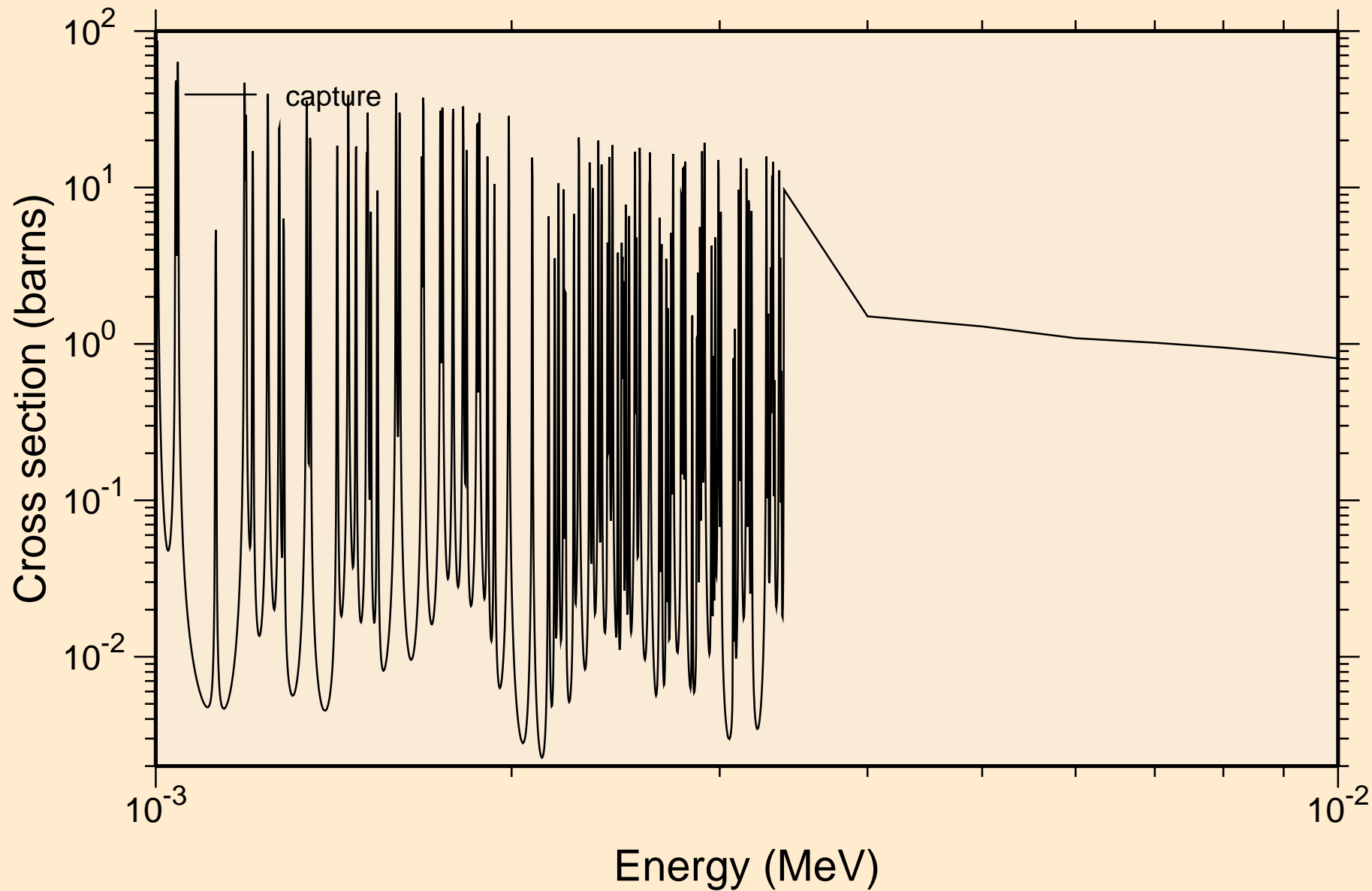
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

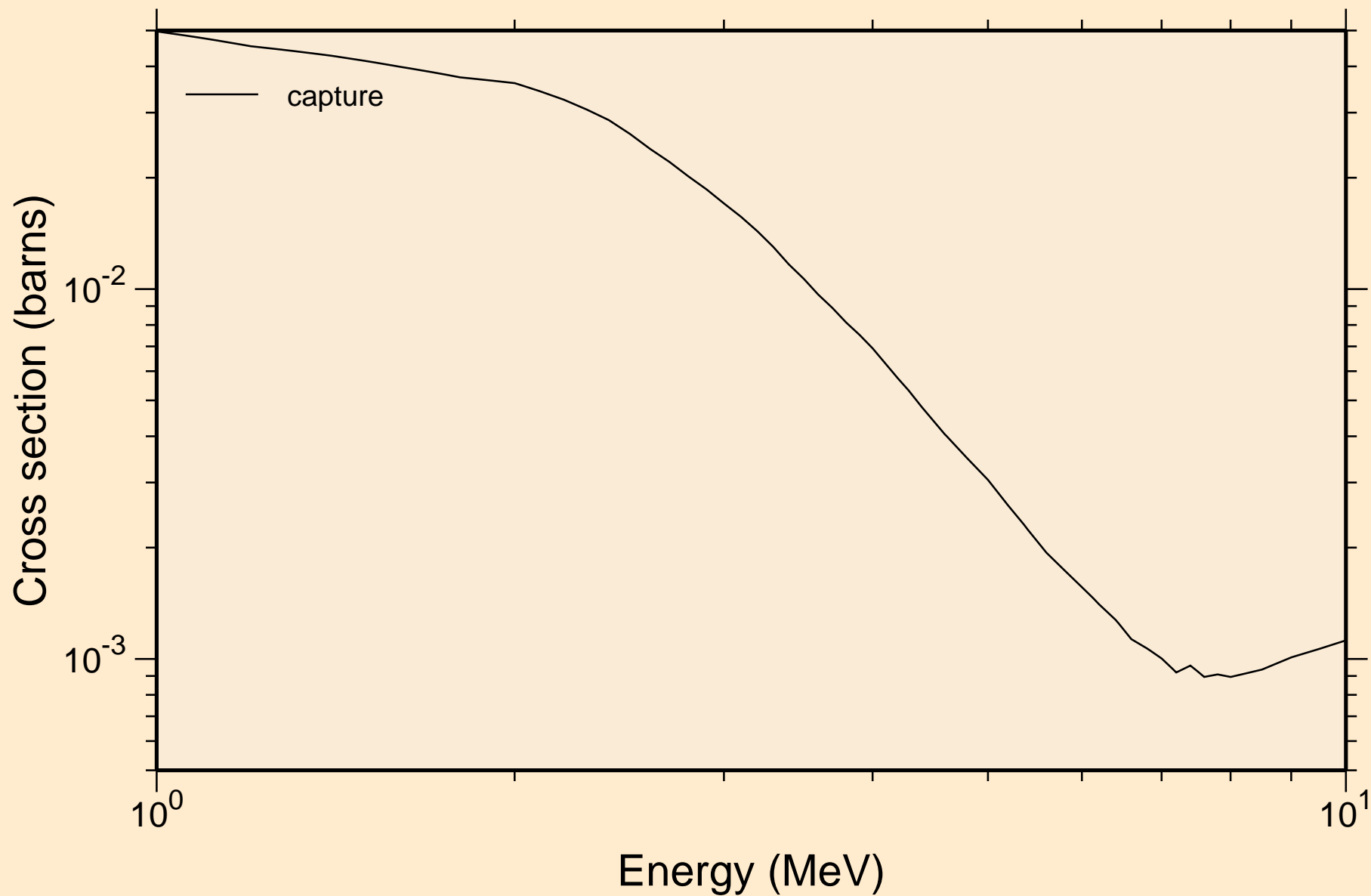


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

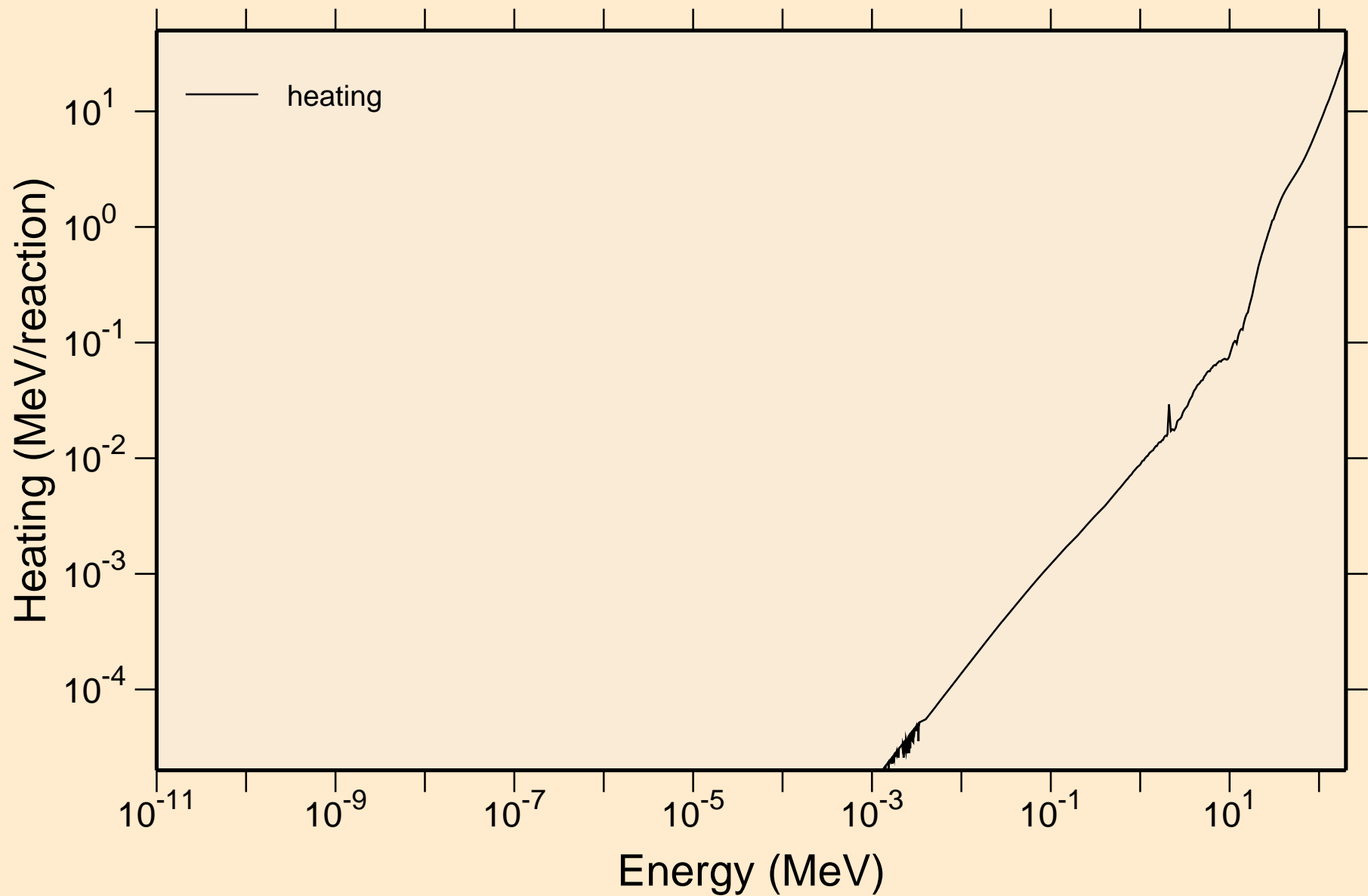




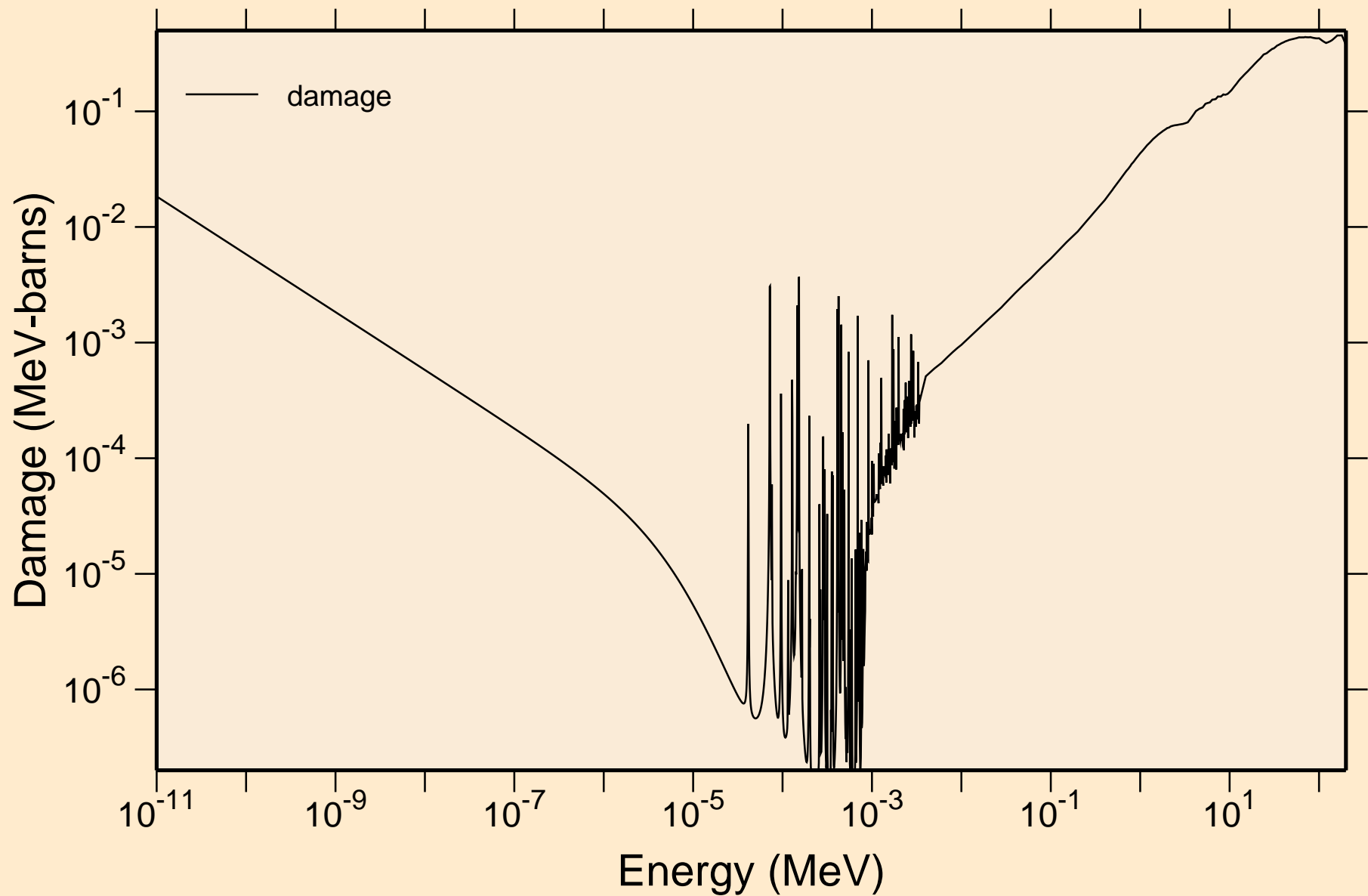
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



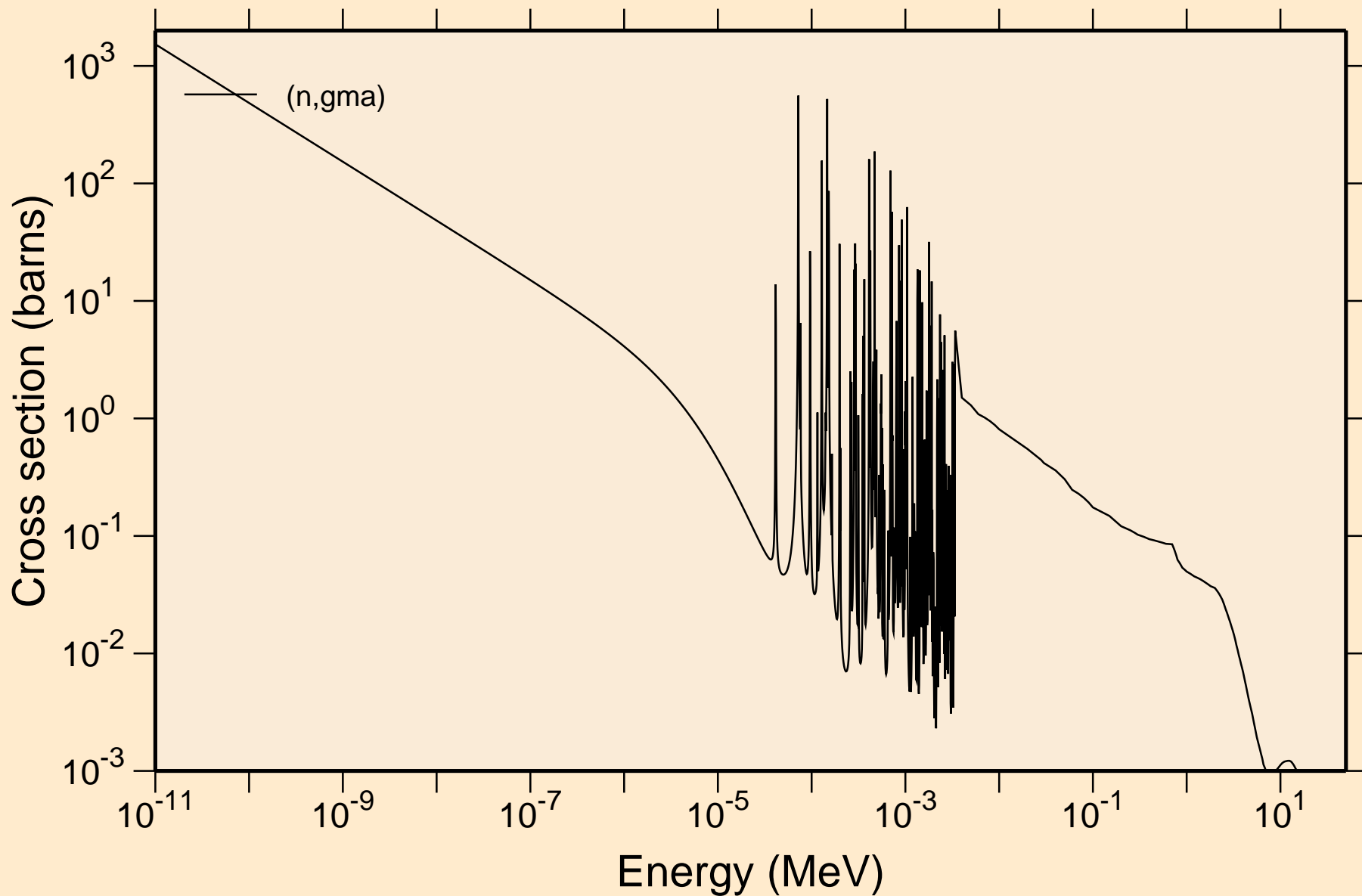
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

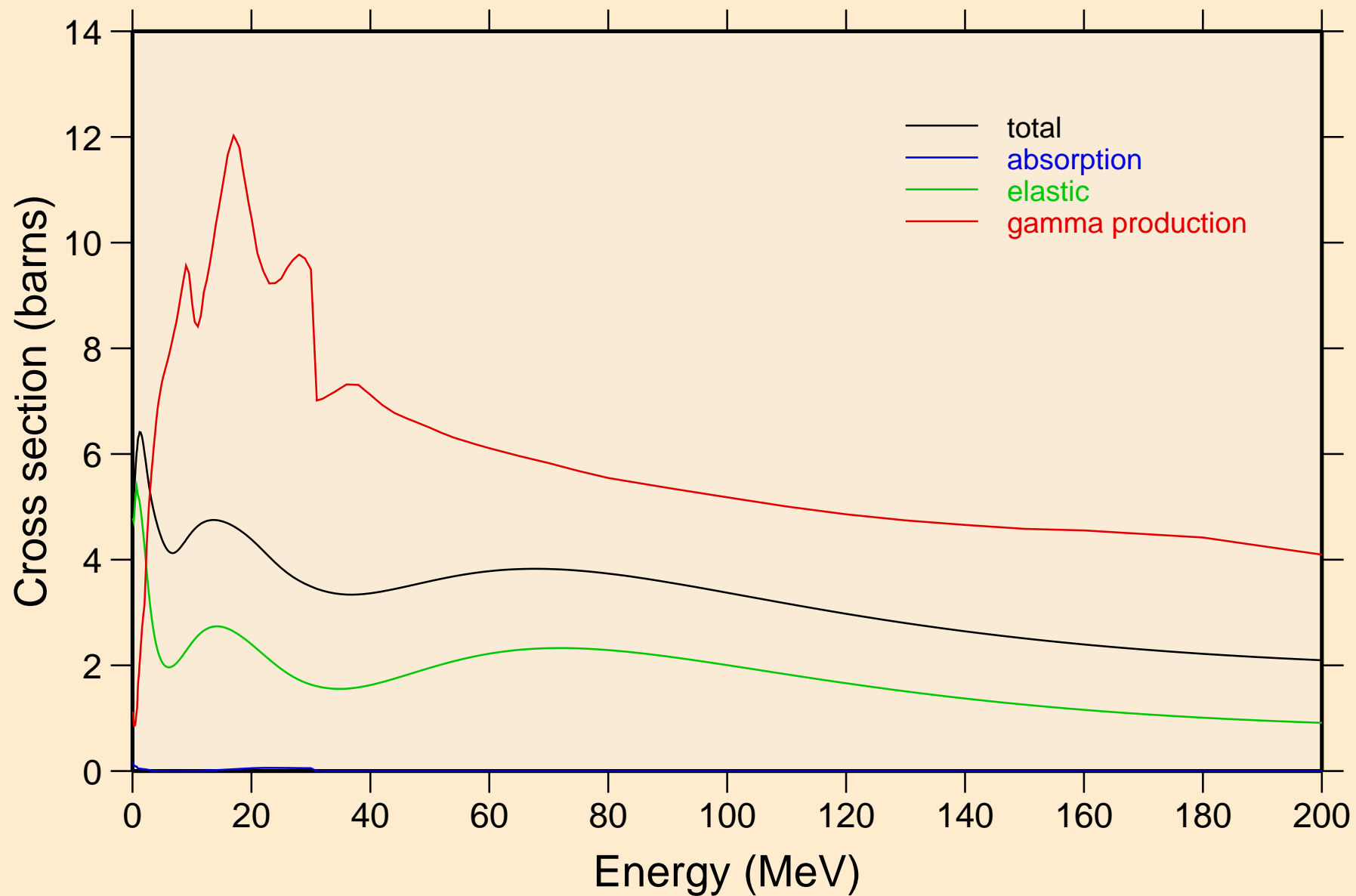


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

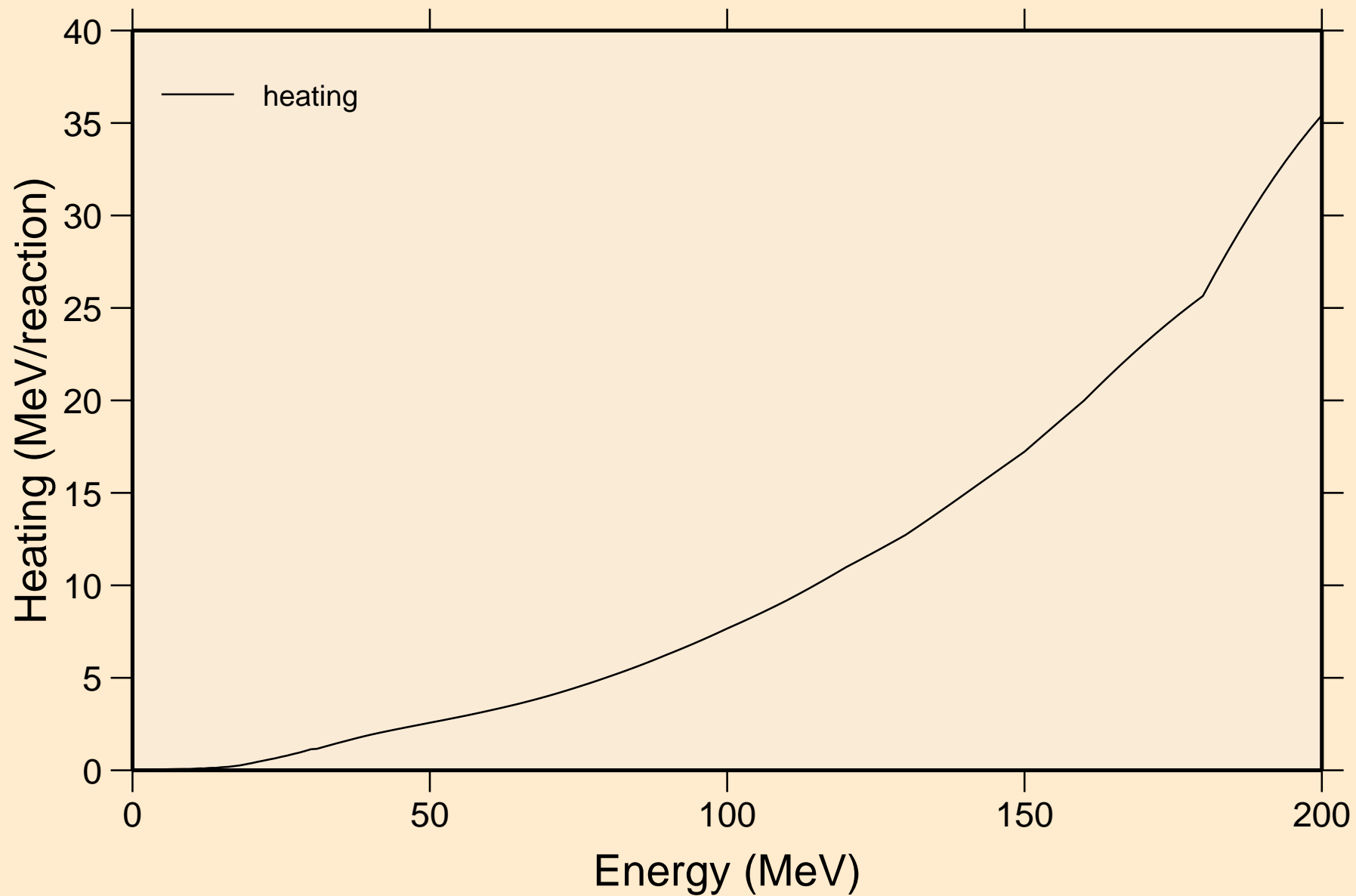


# I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

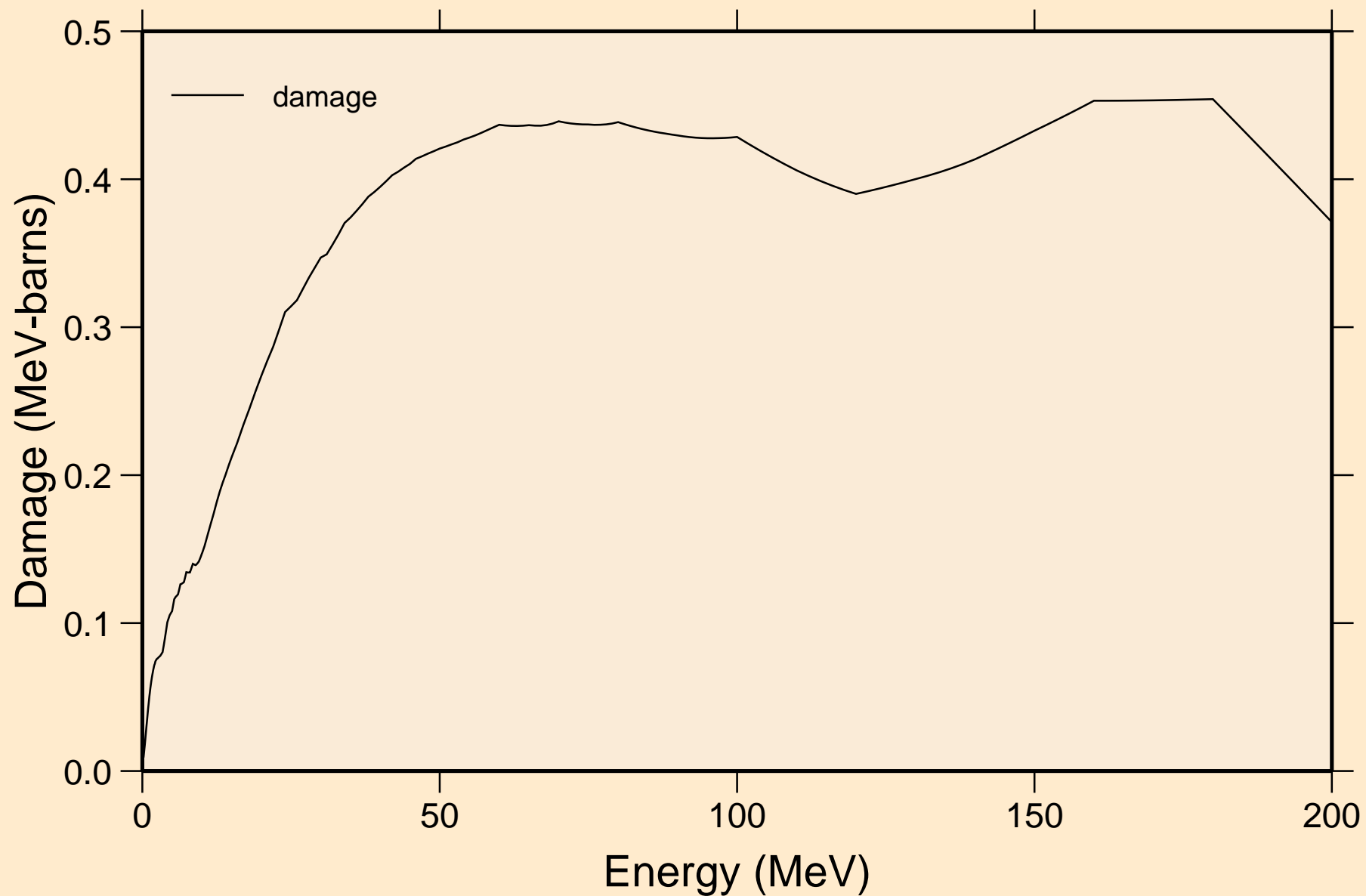
## Principal cross sections



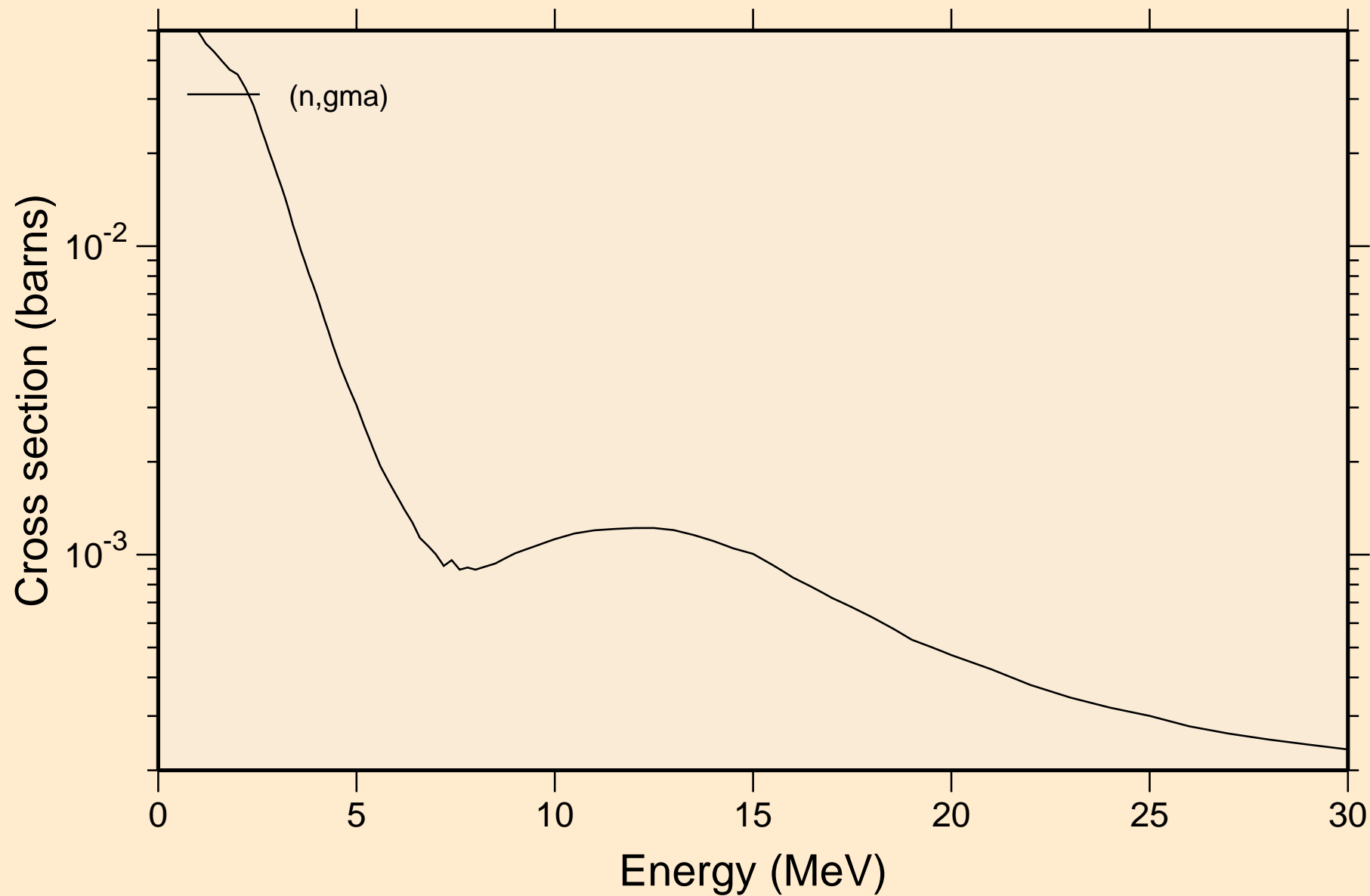
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

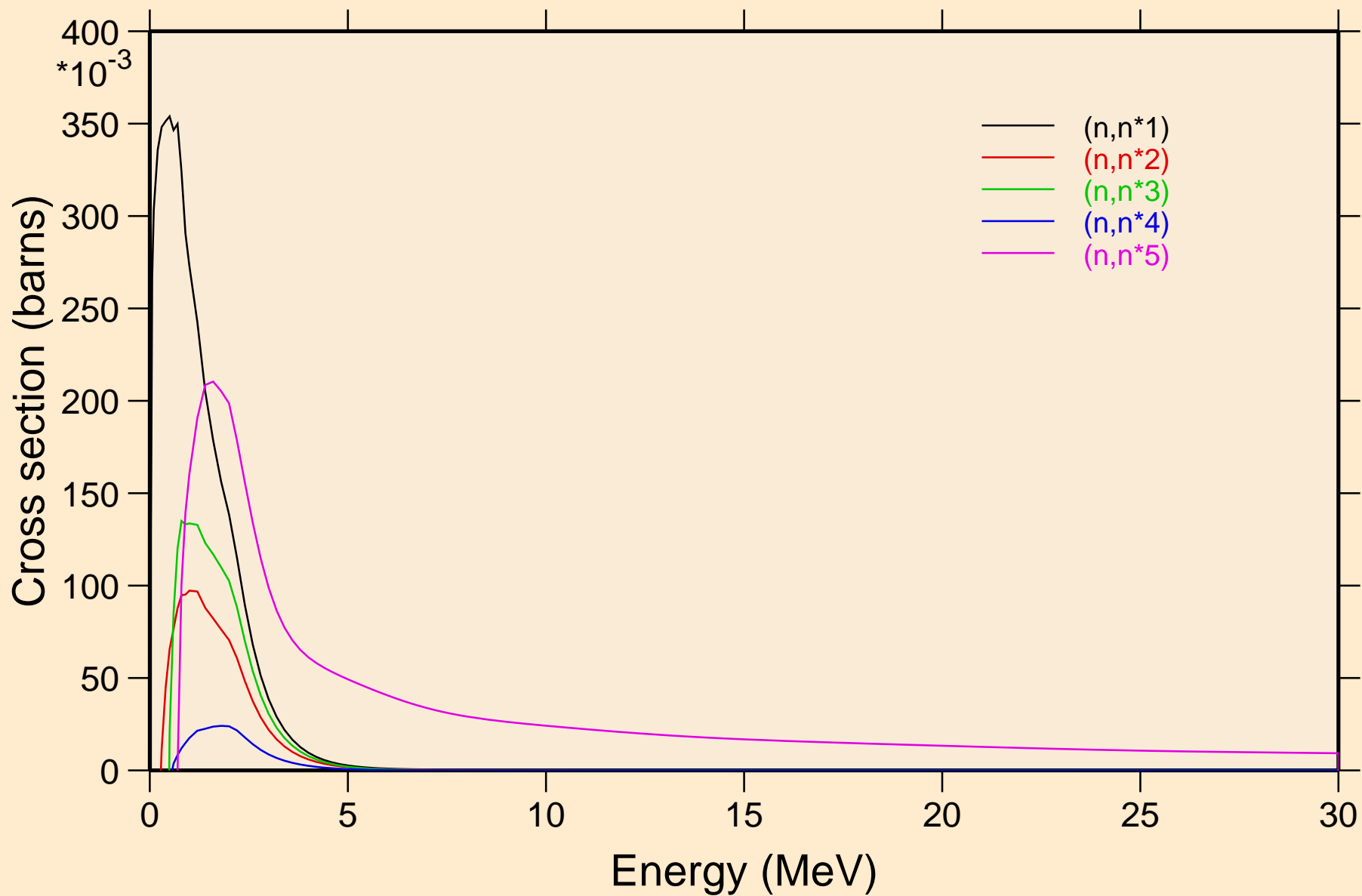


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

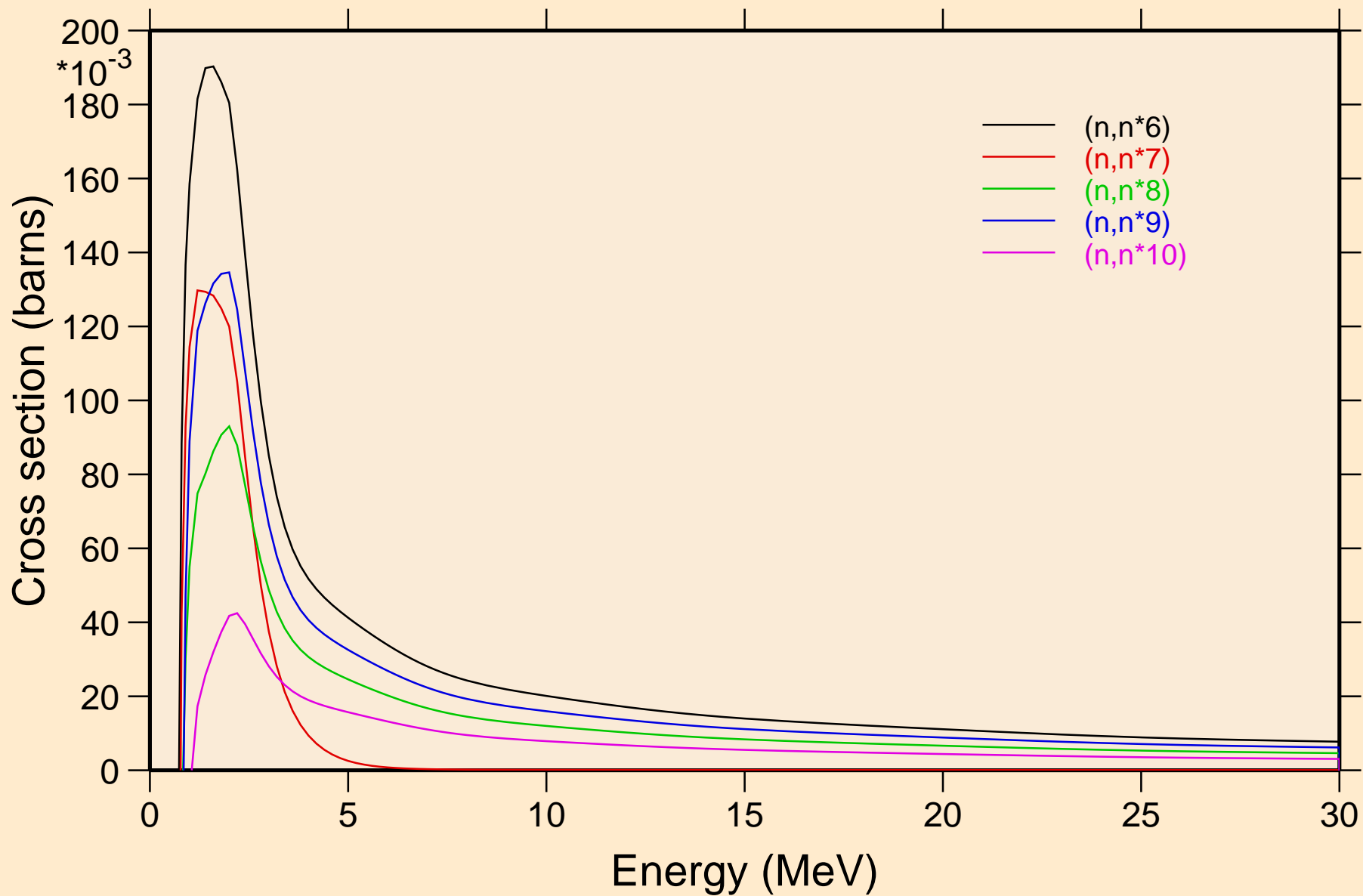




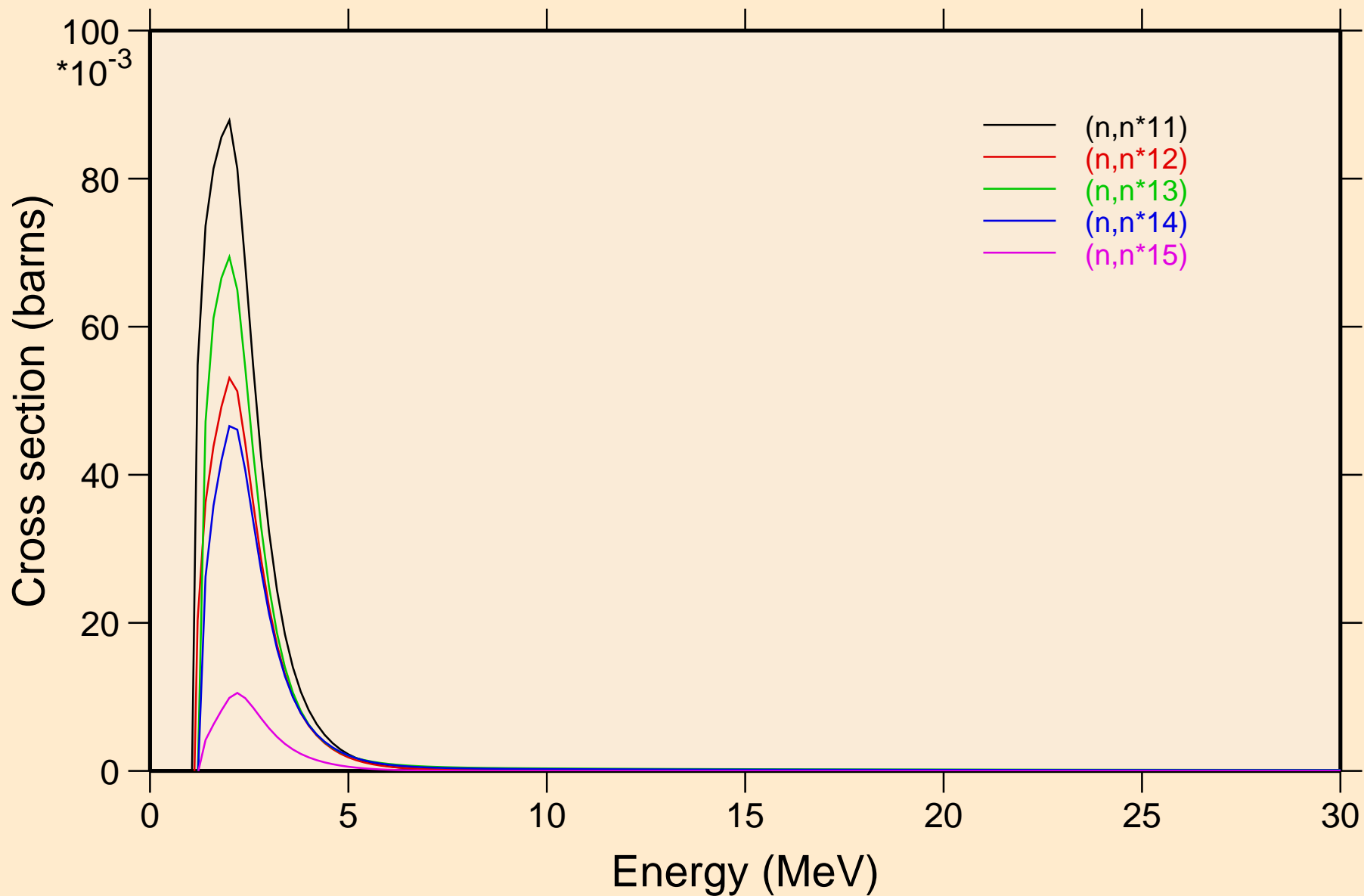
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

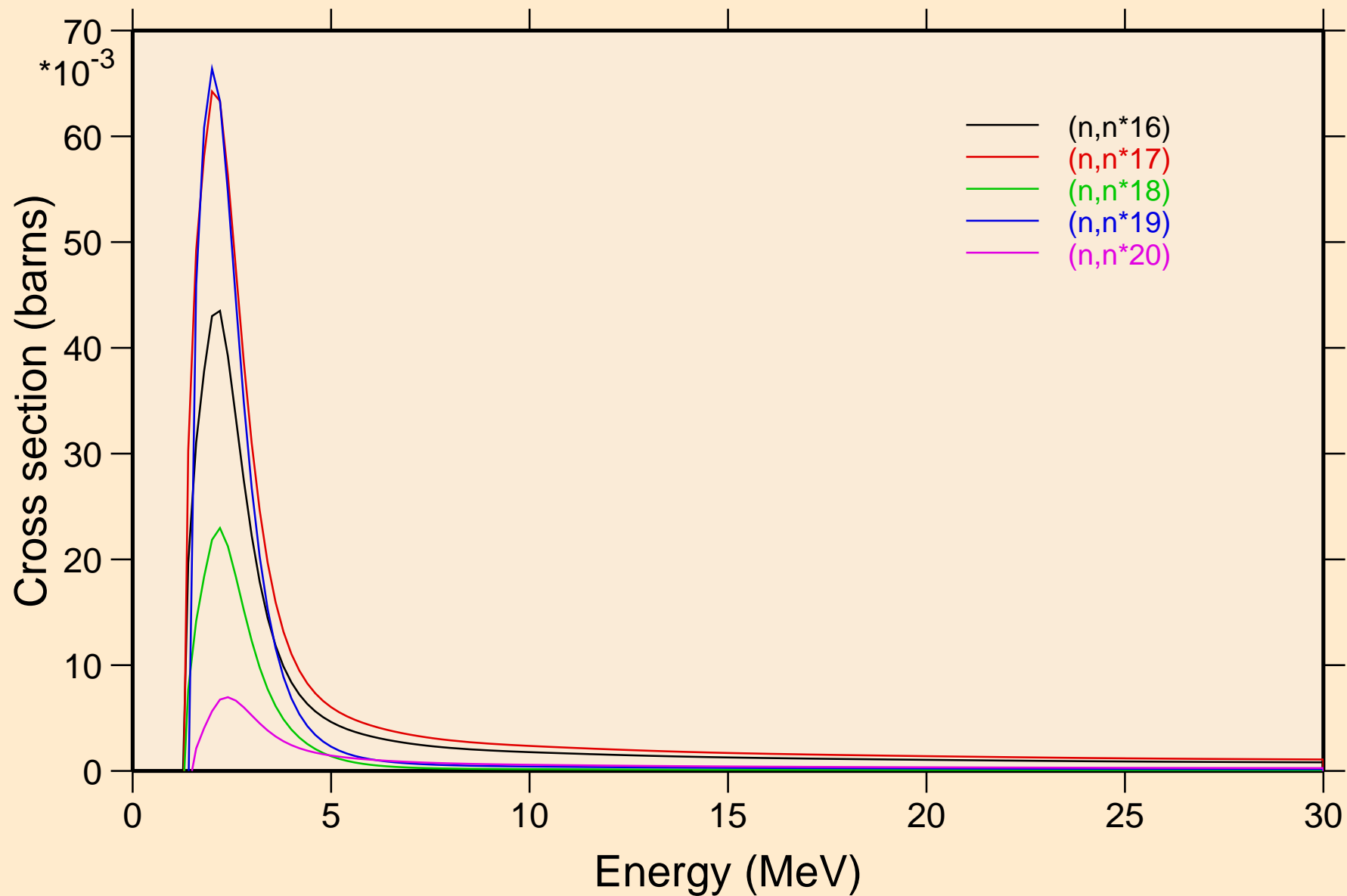


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

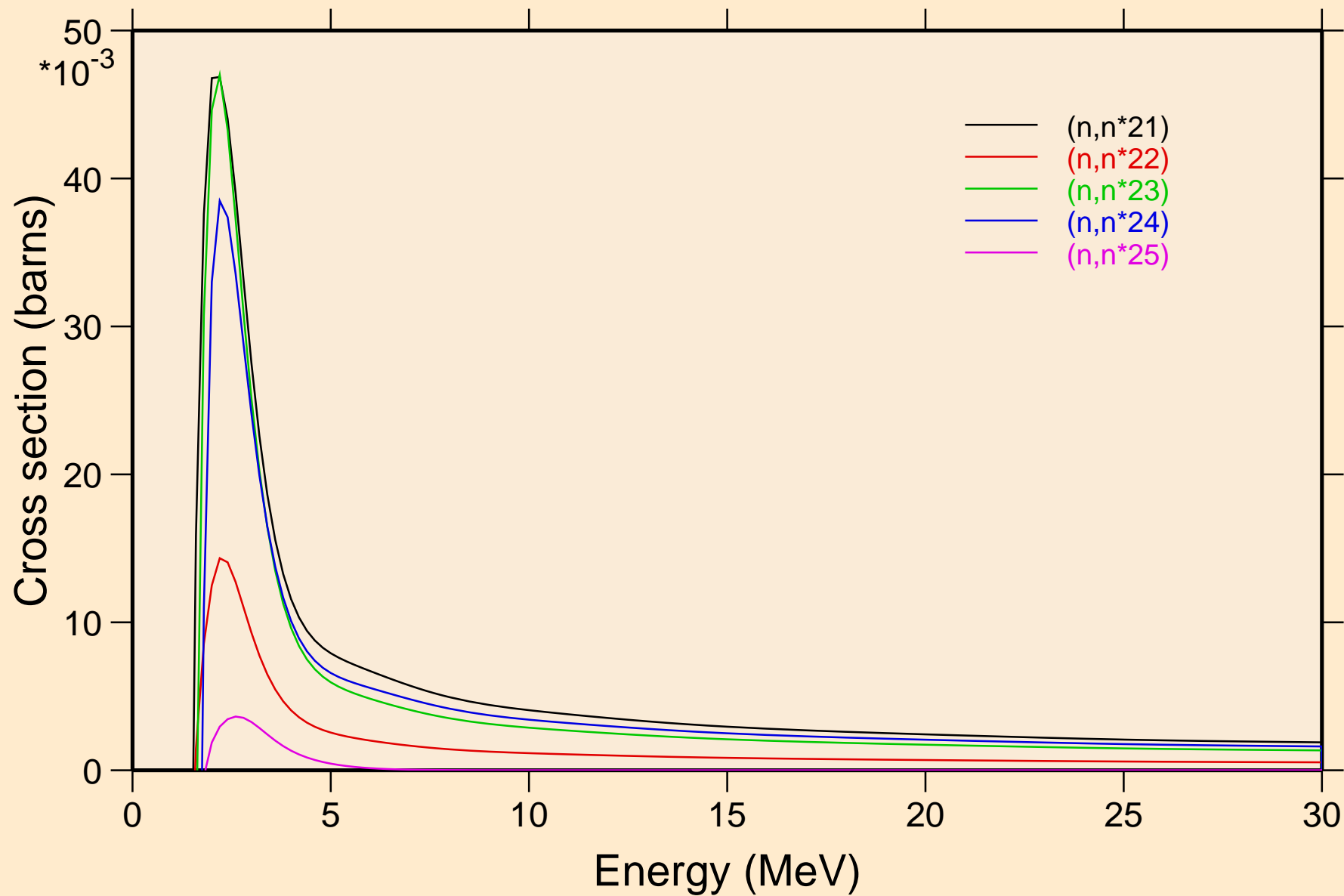


# I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

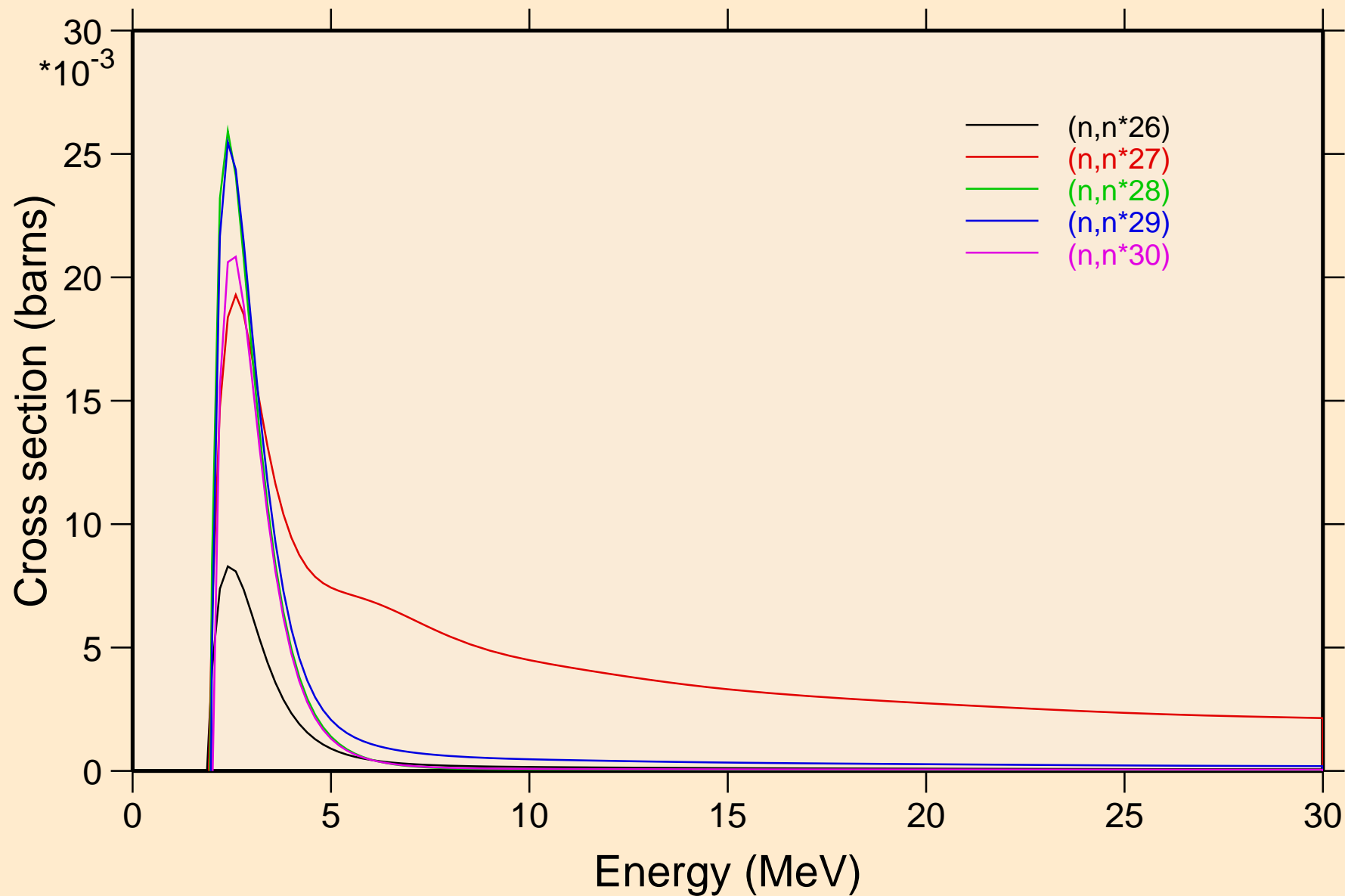
## Inelastic levels



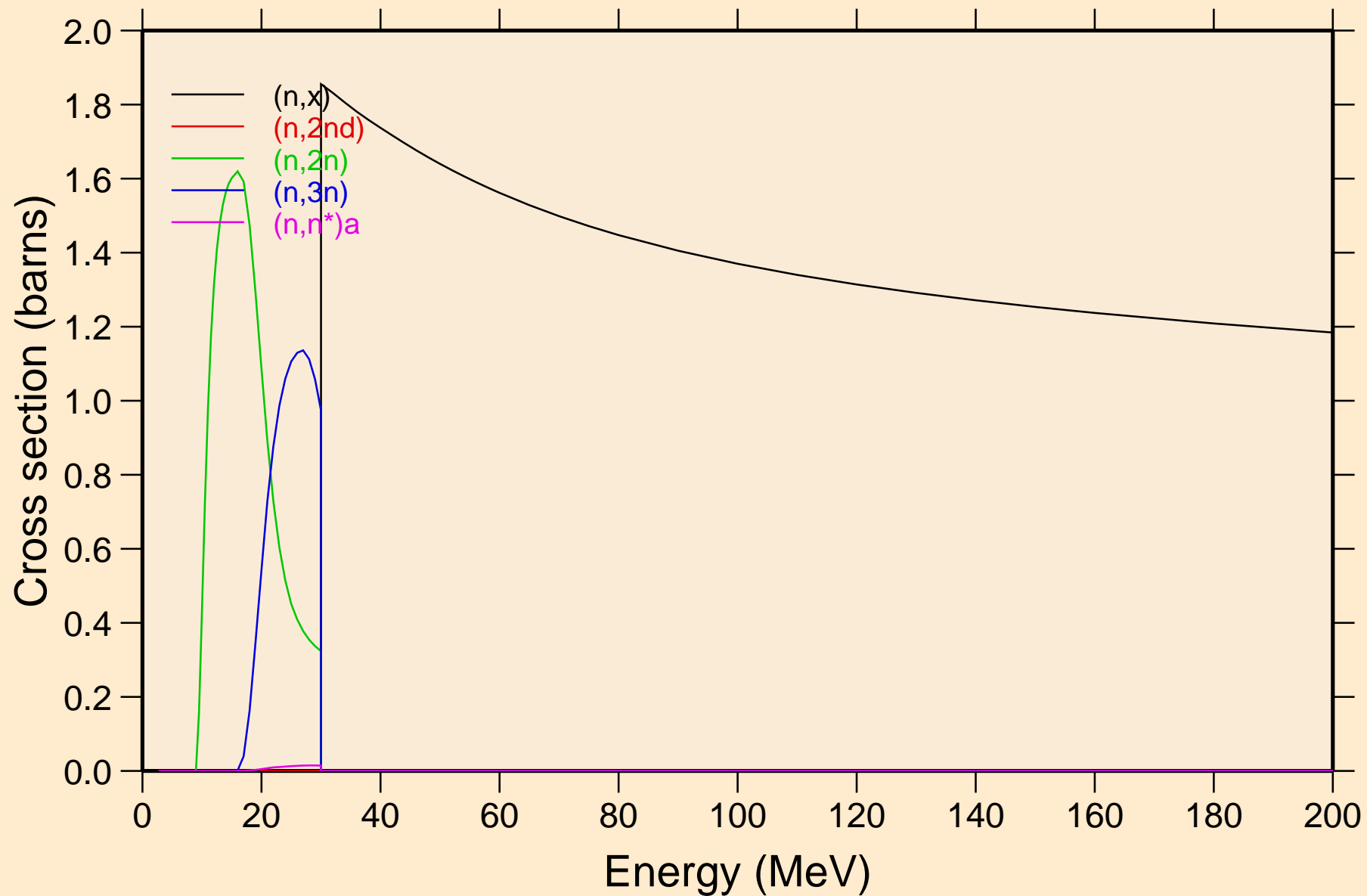
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



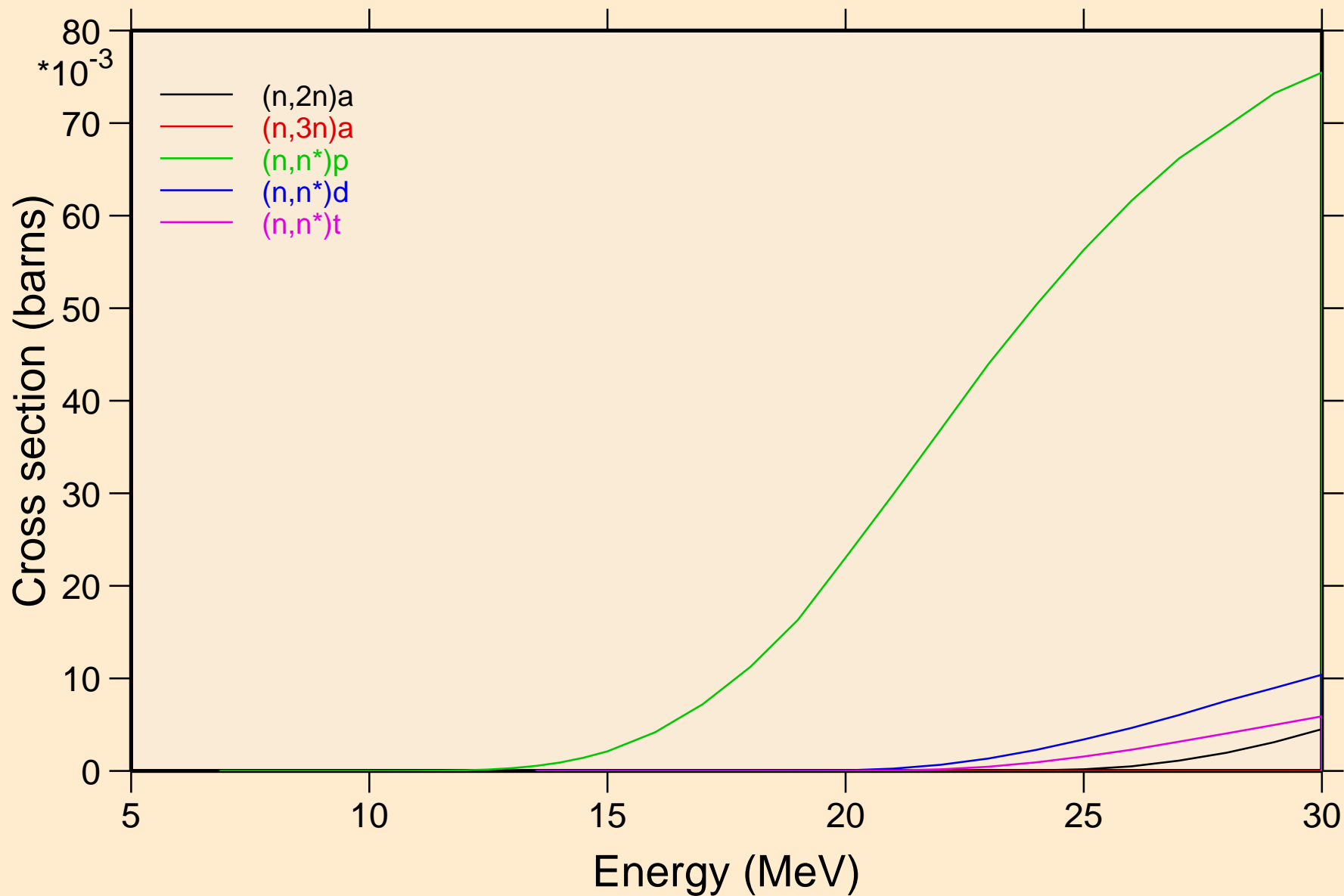
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

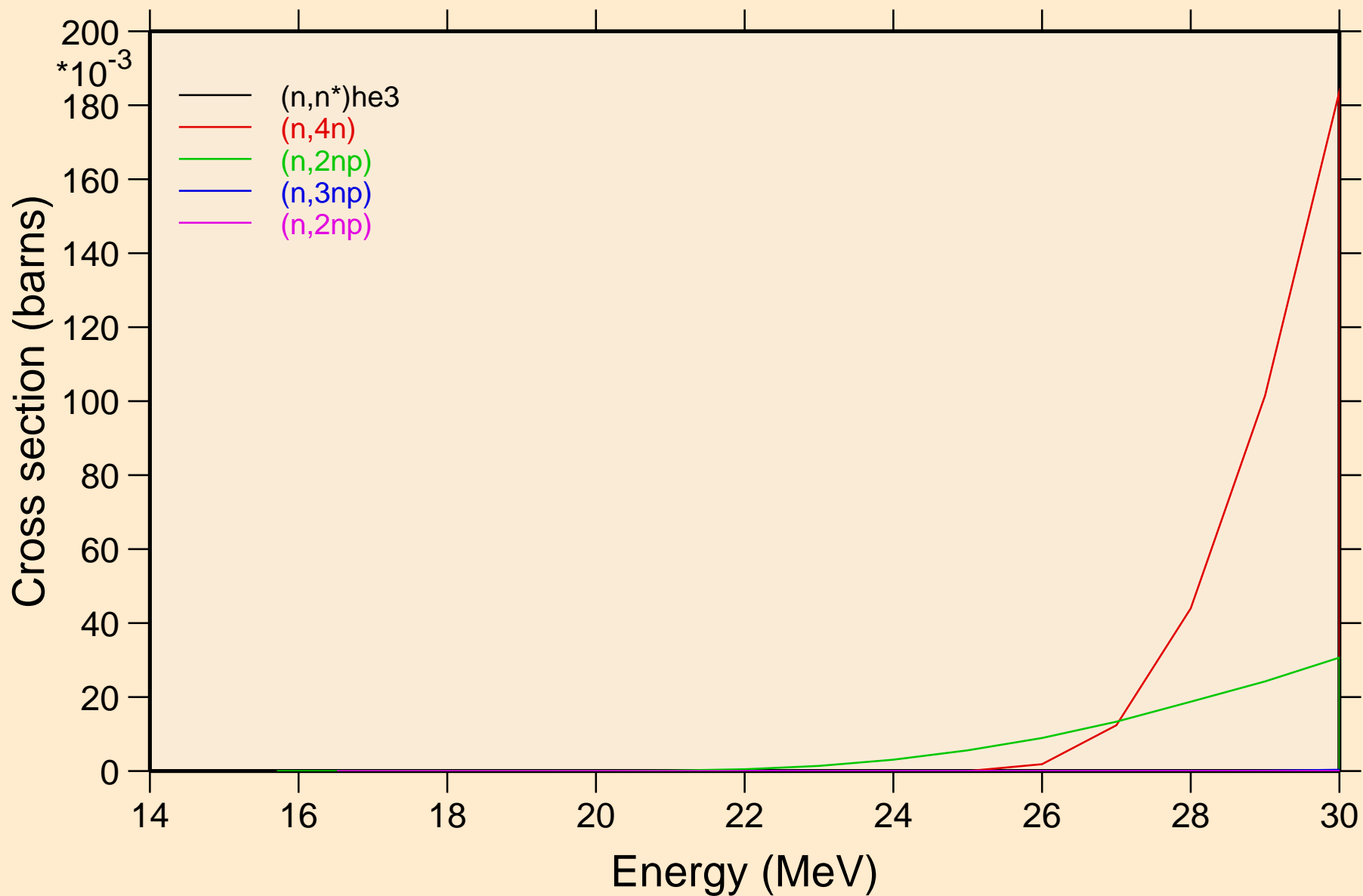


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



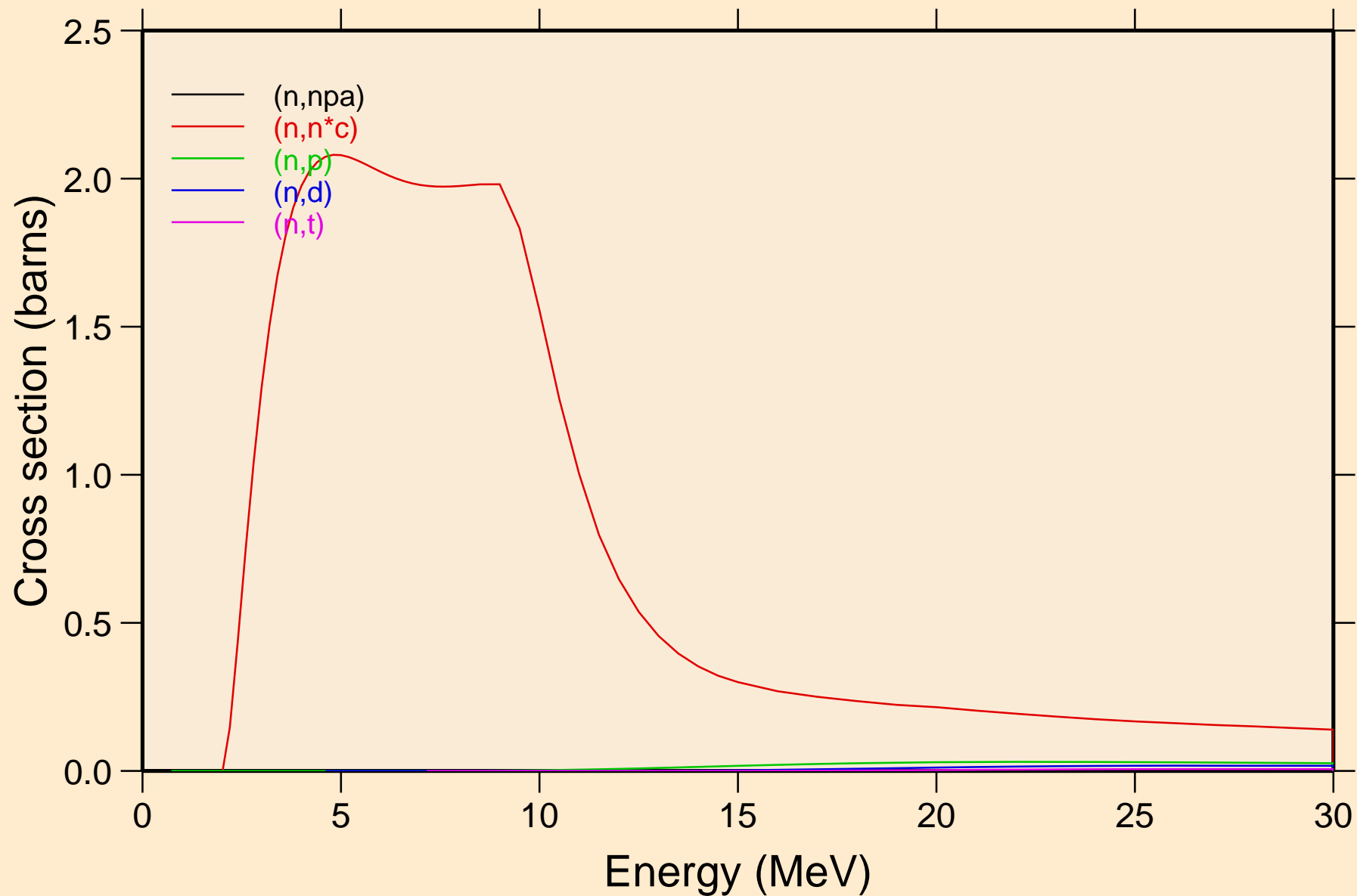


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

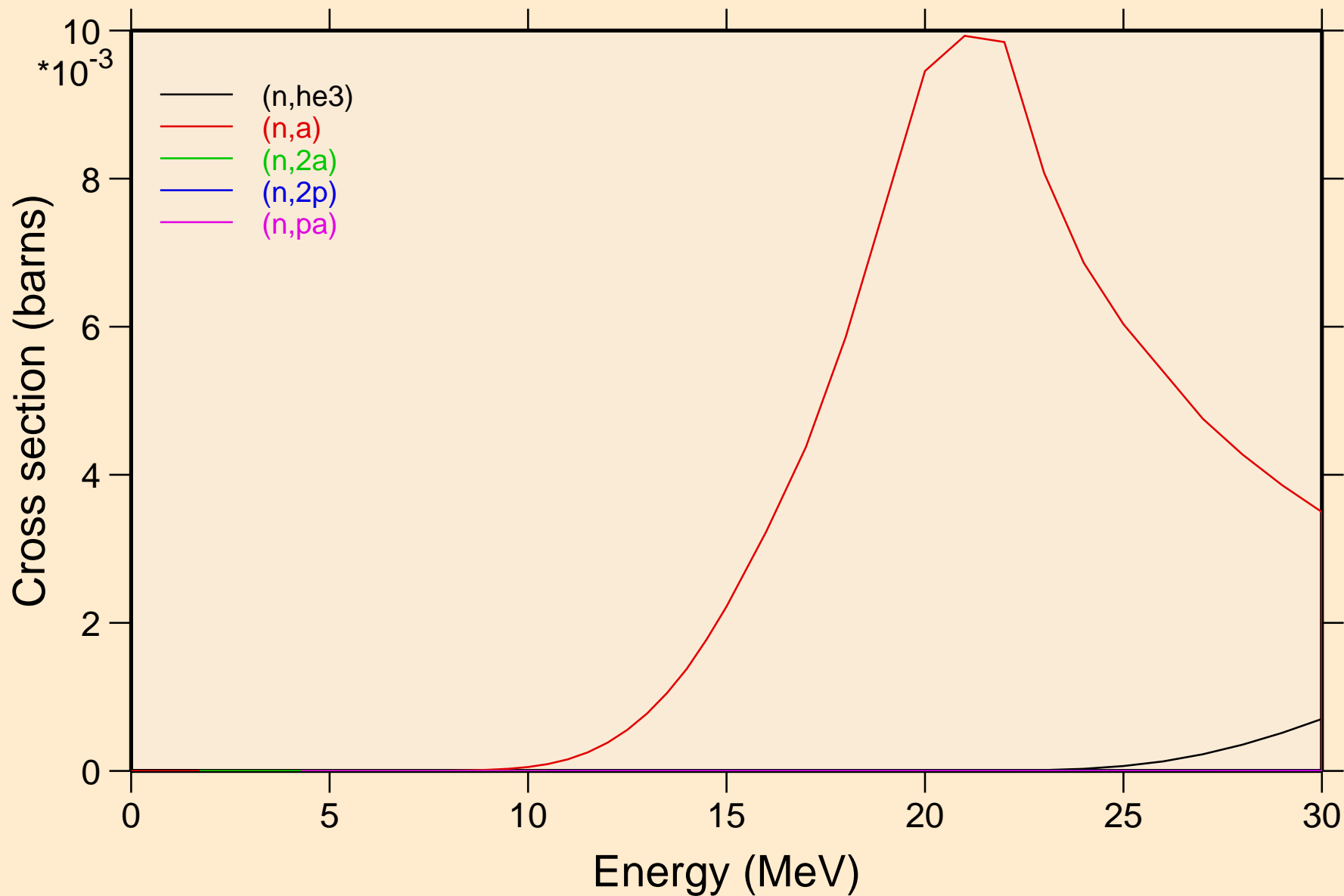


# I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

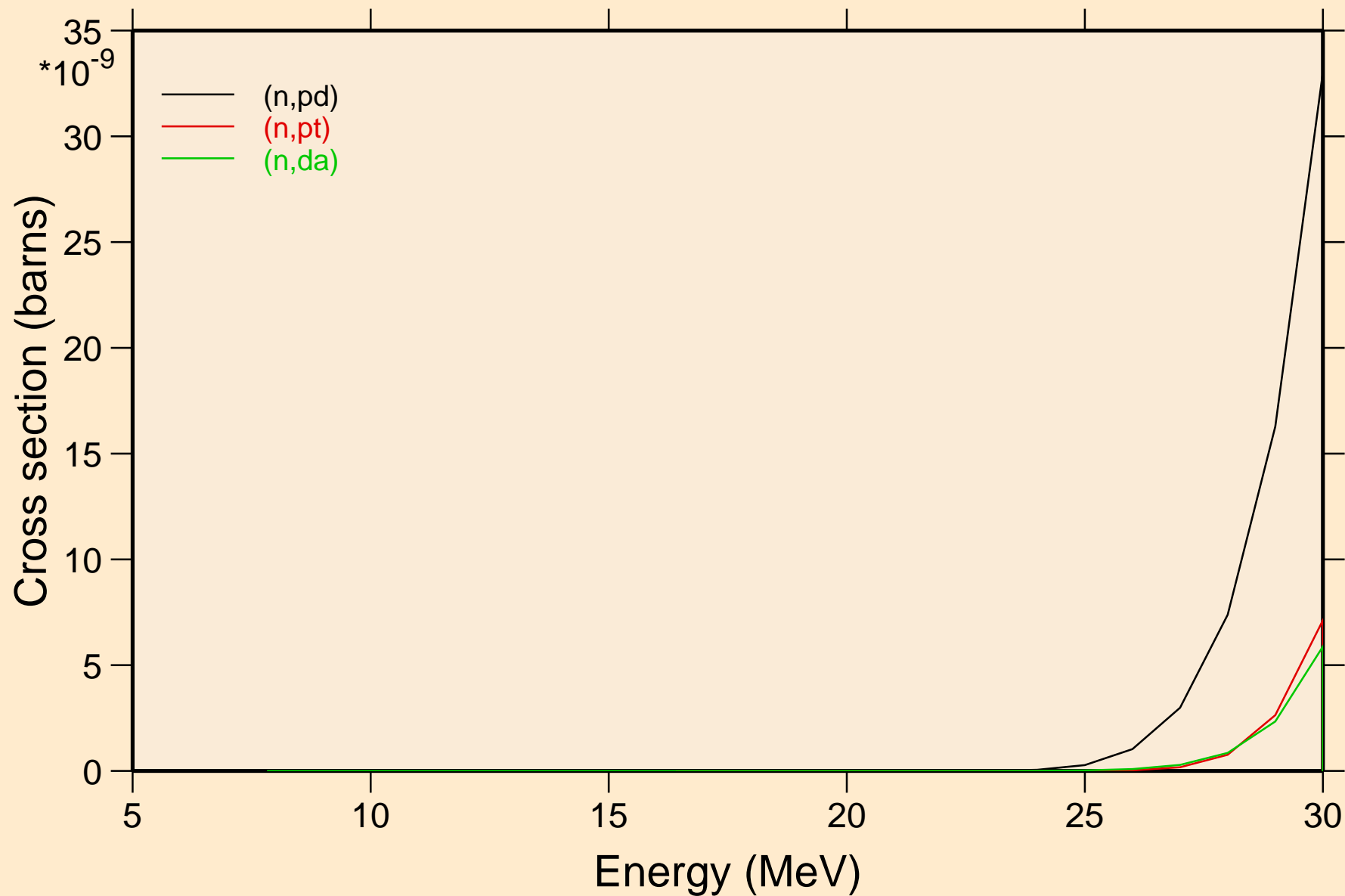
## Threshold reactions



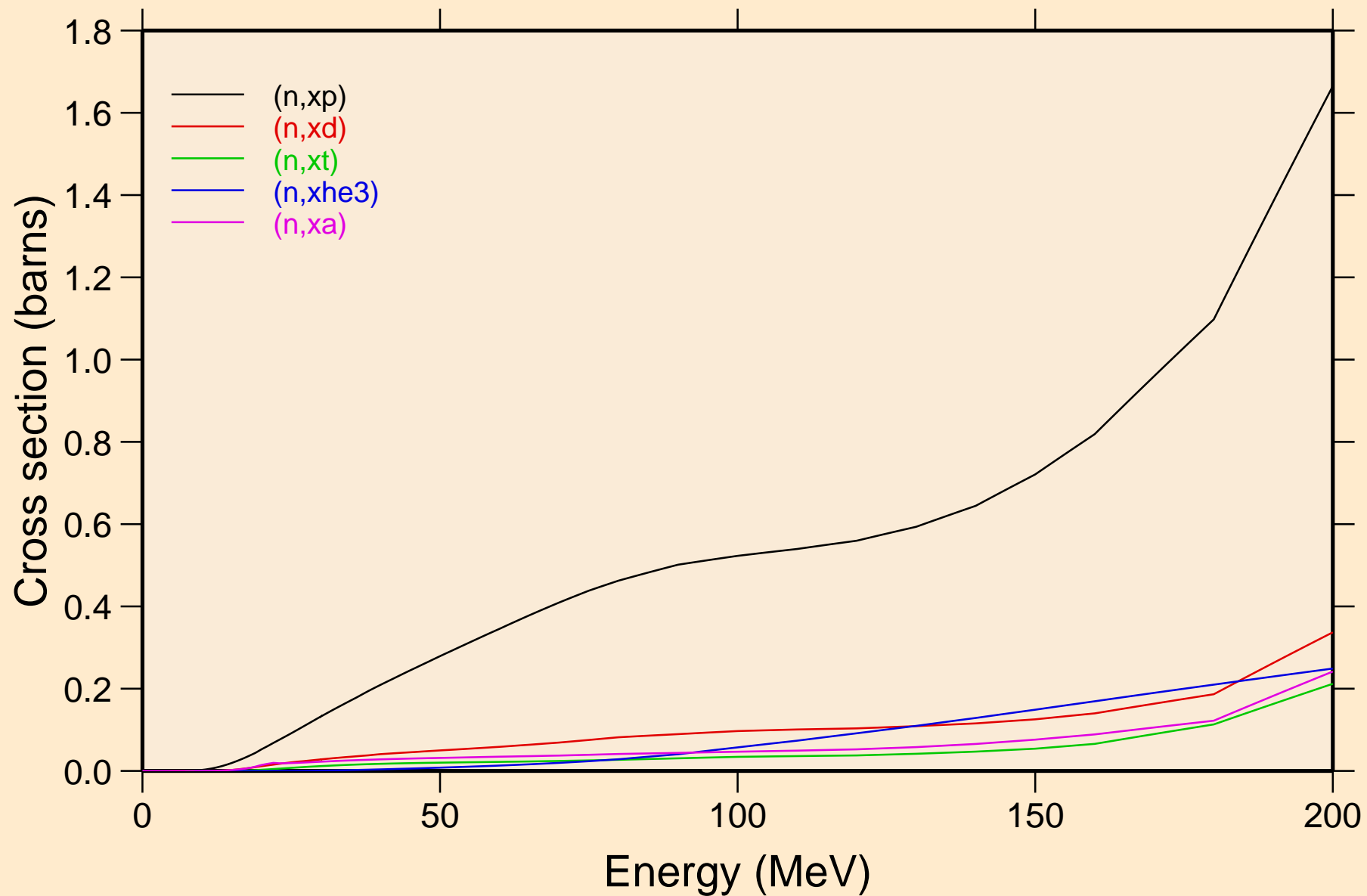
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



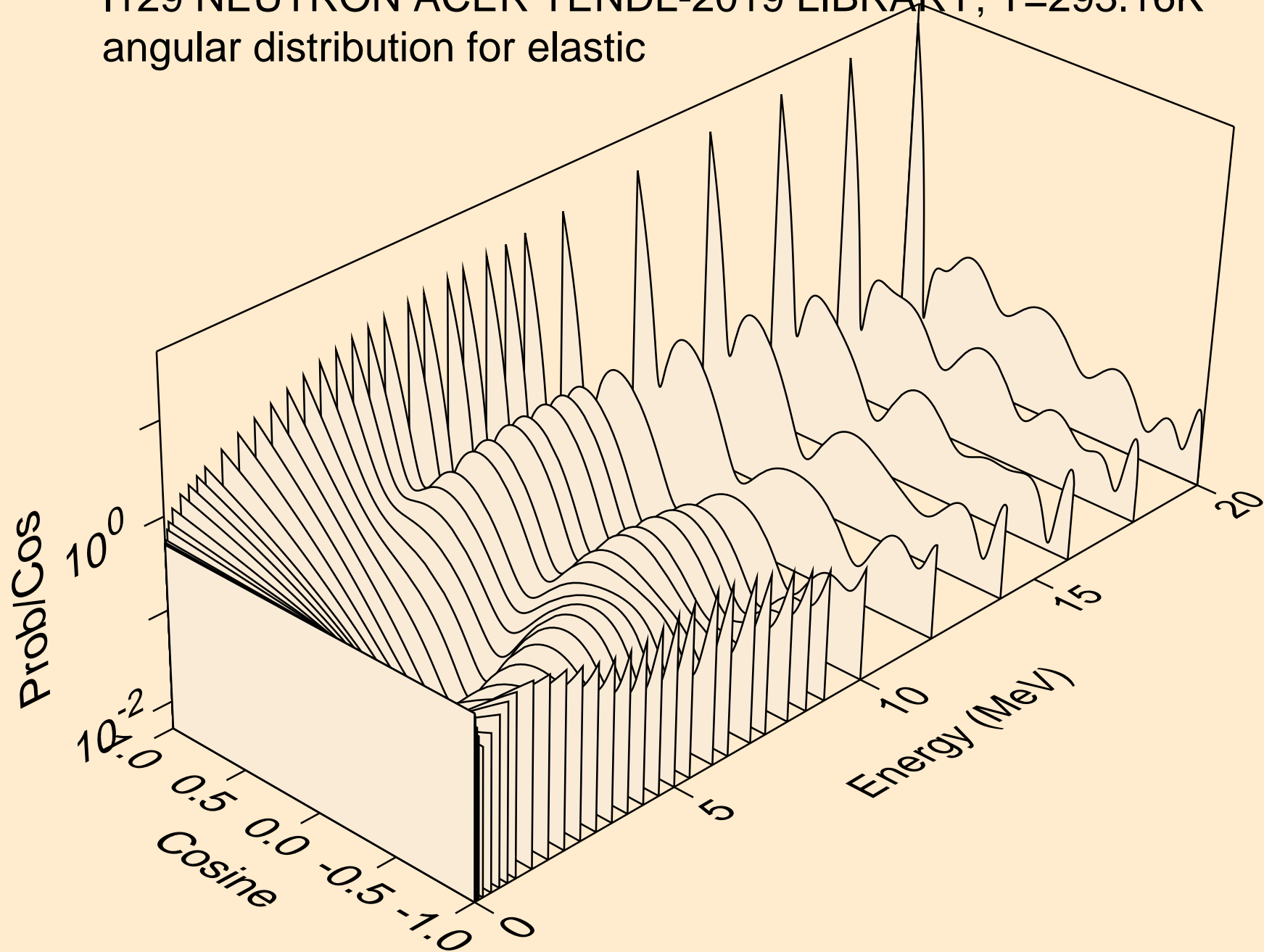
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



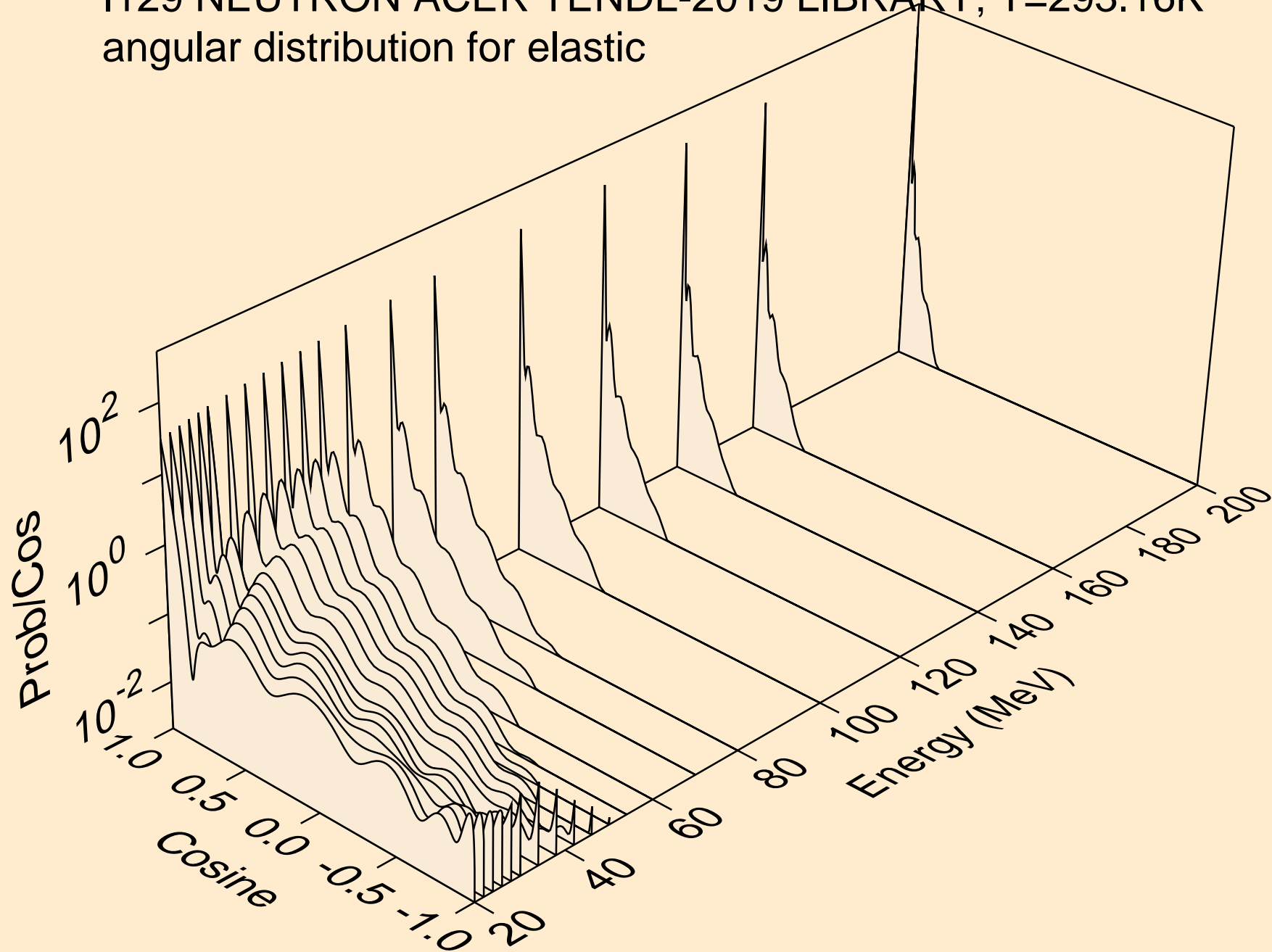
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



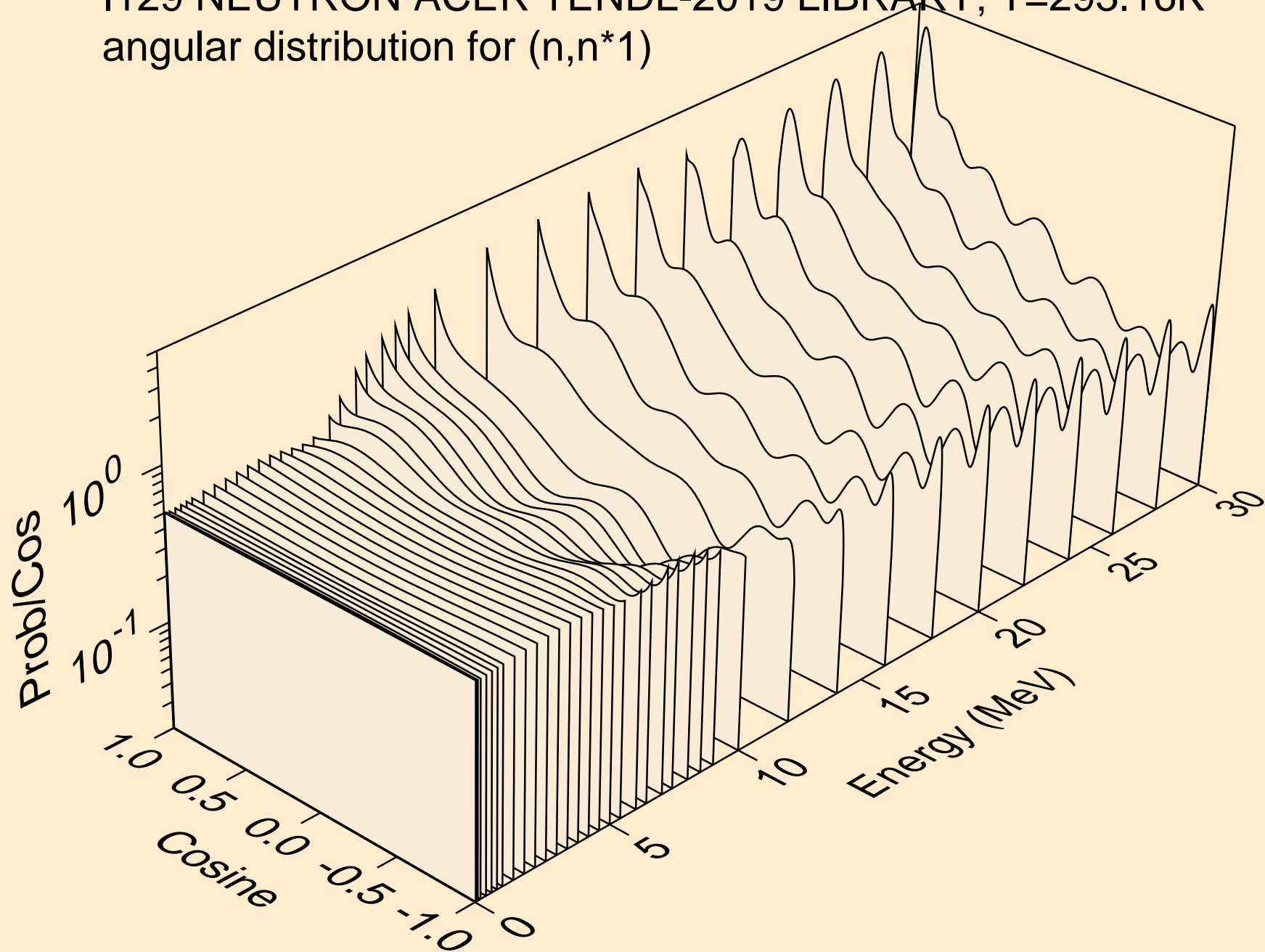
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

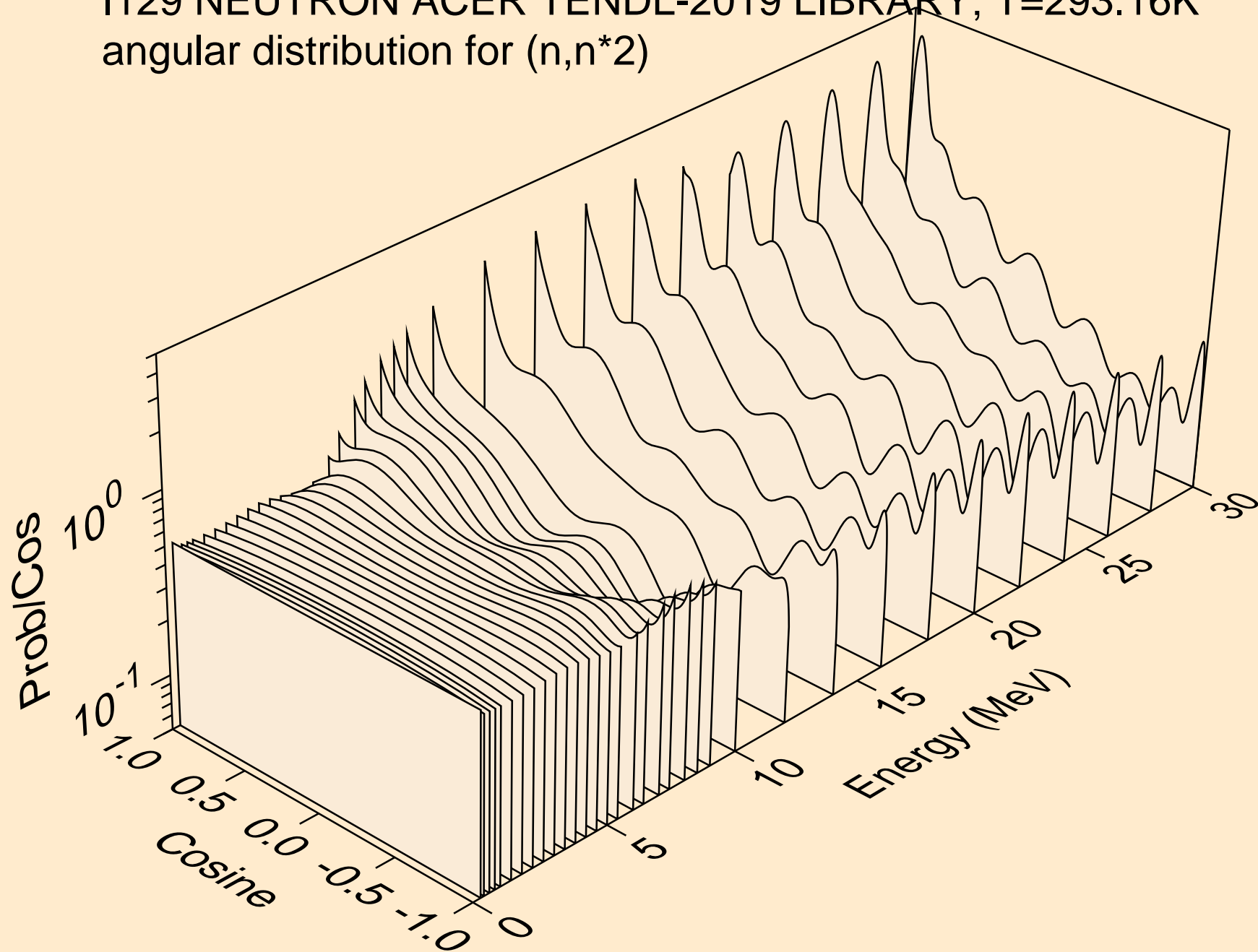


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

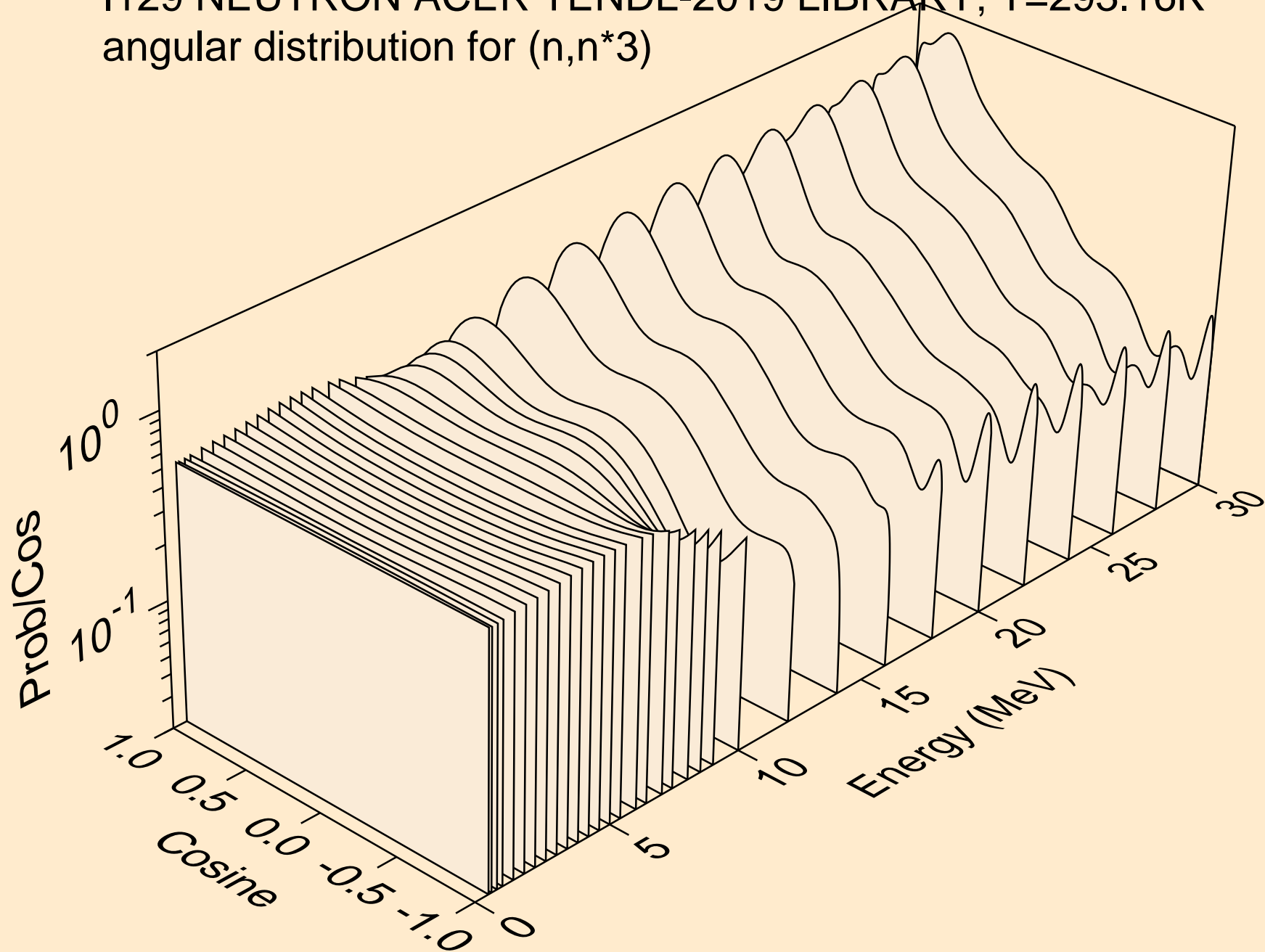




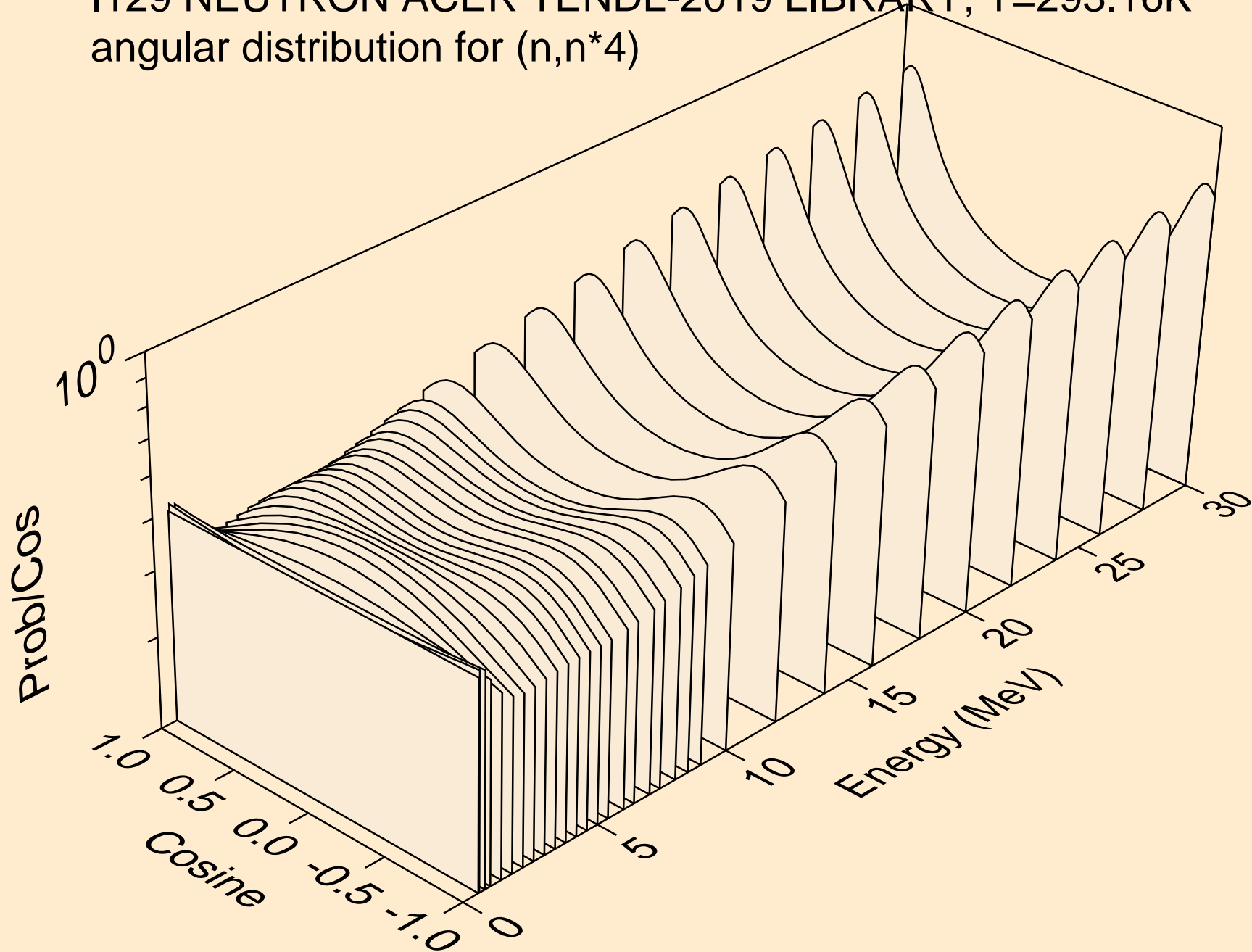
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



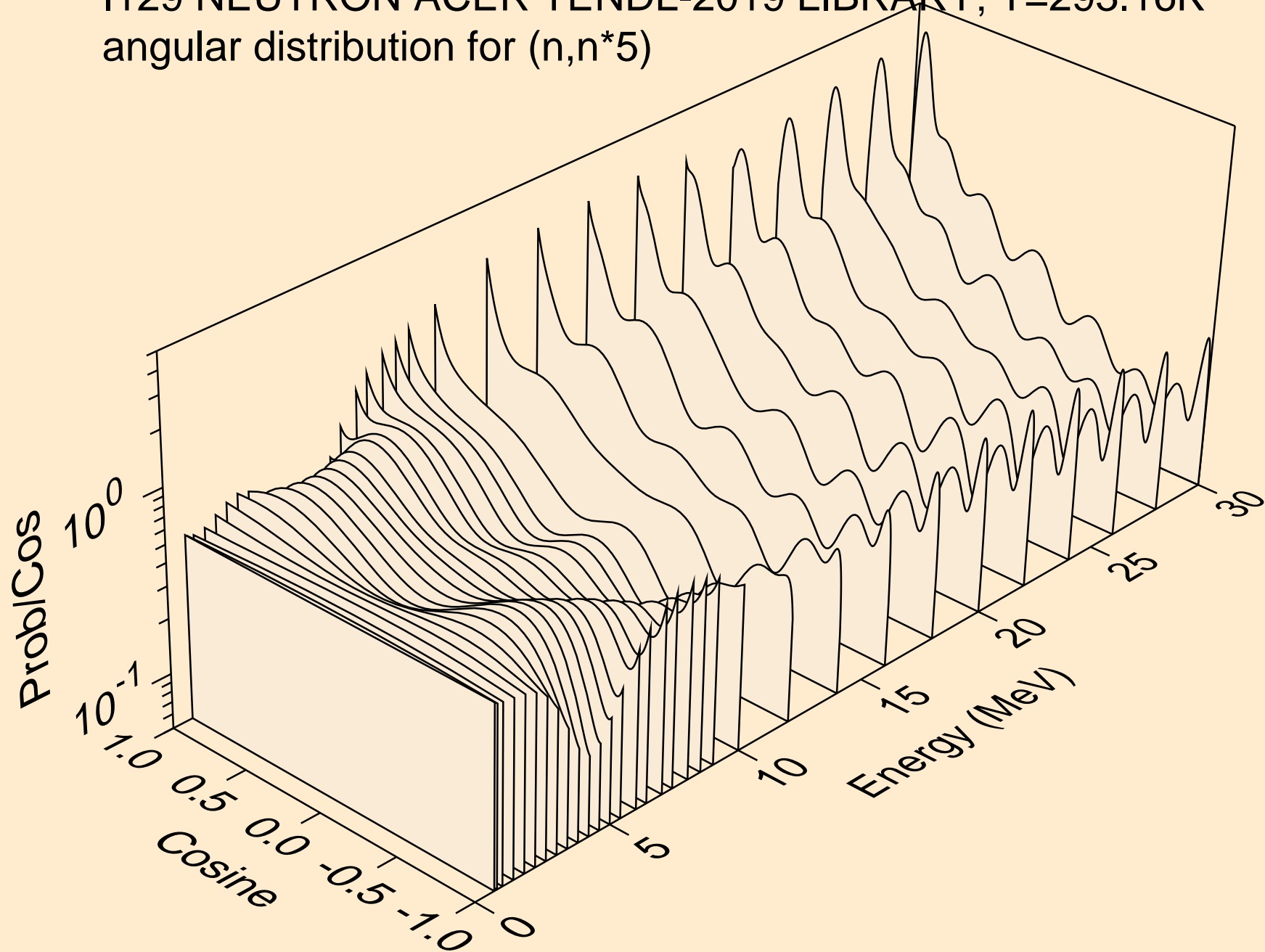
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



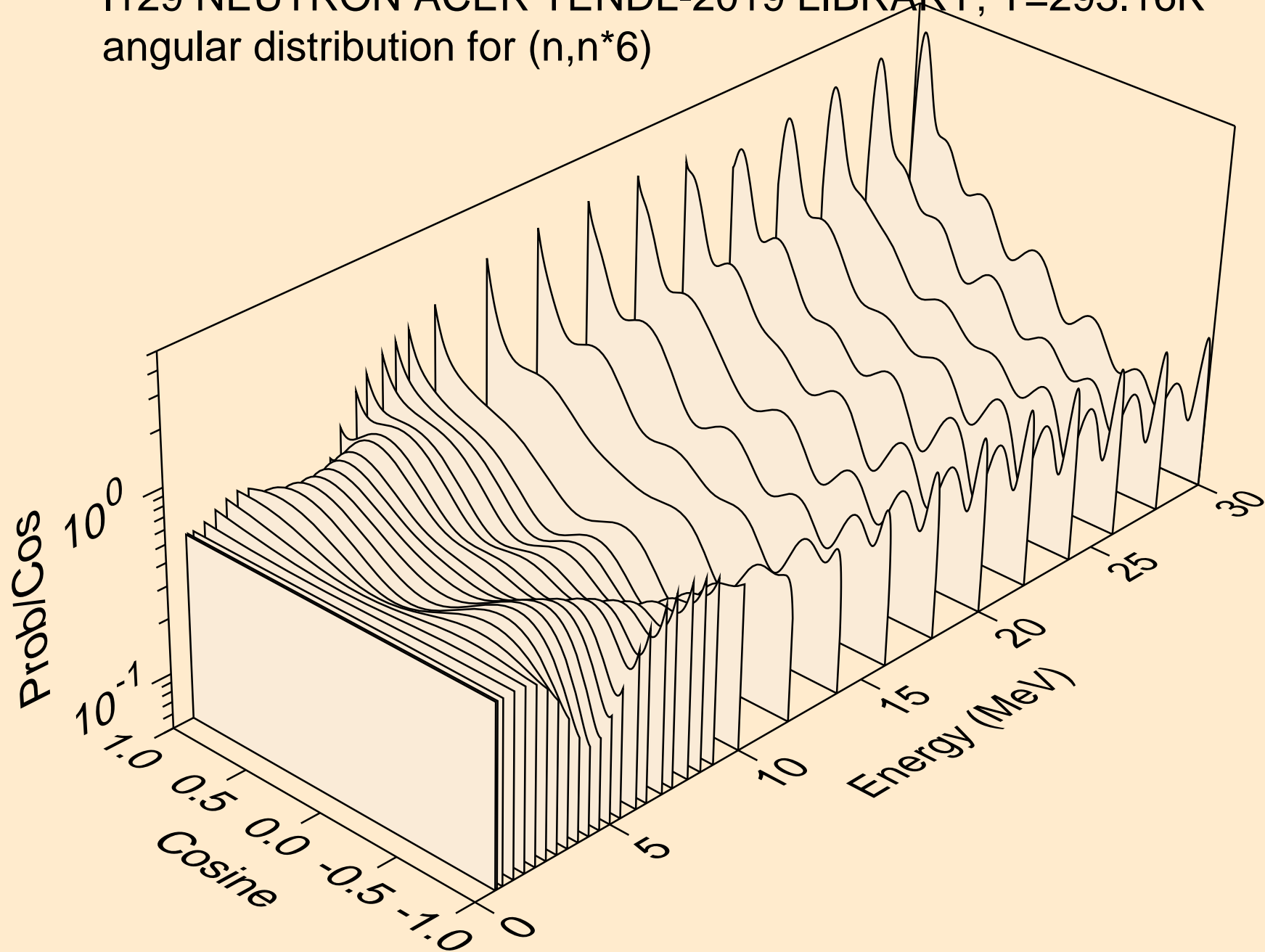
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



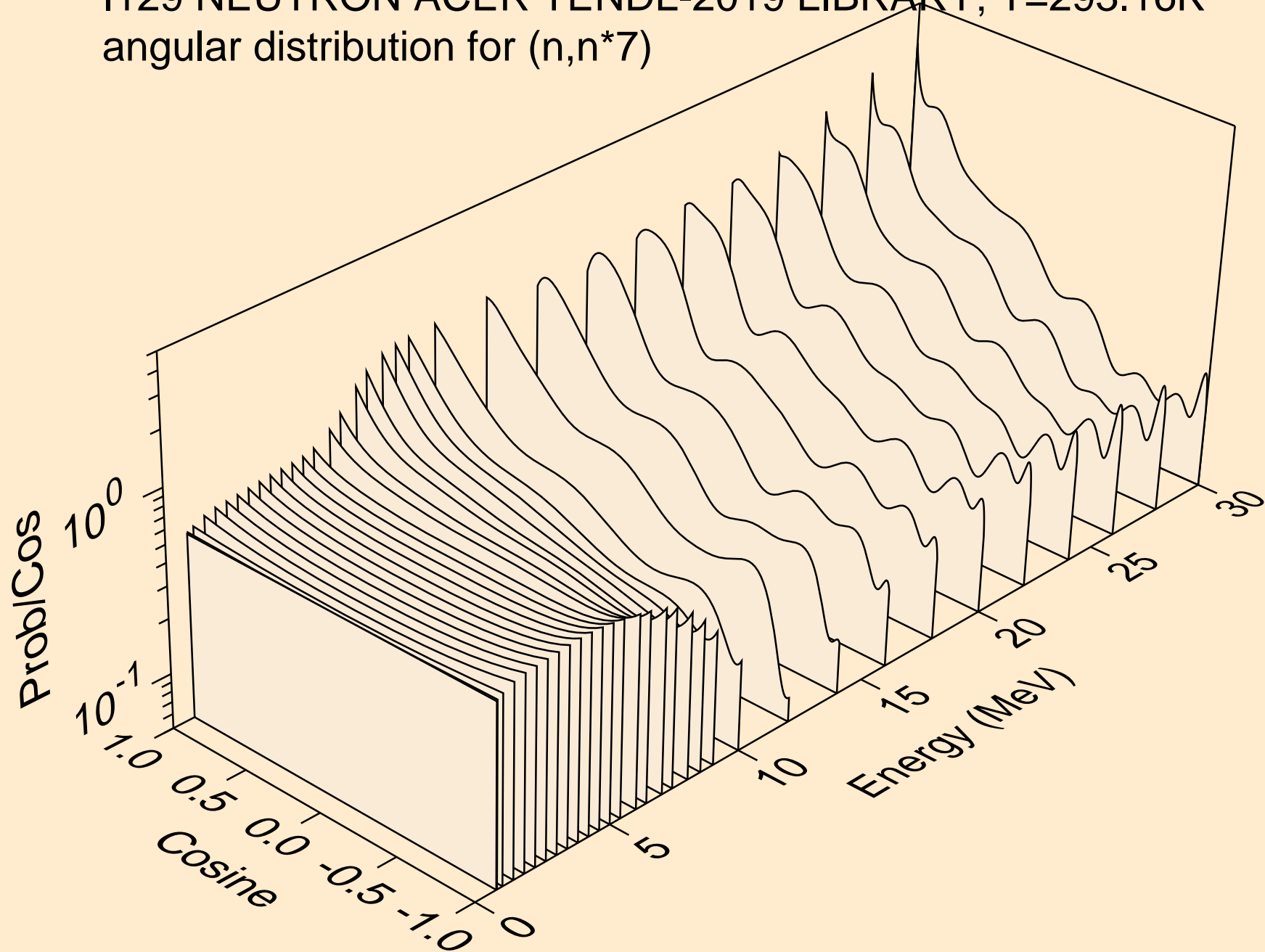
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



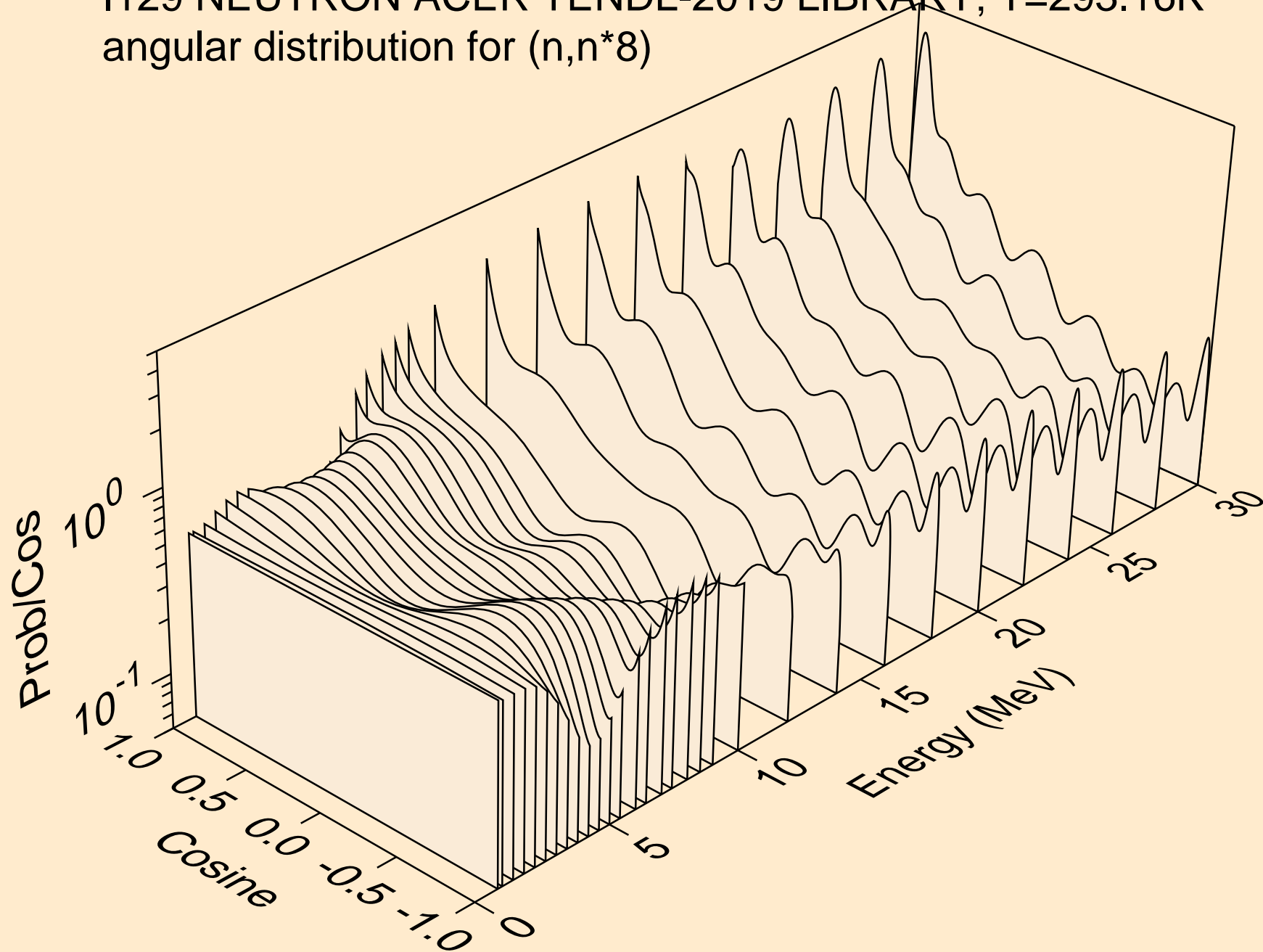
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



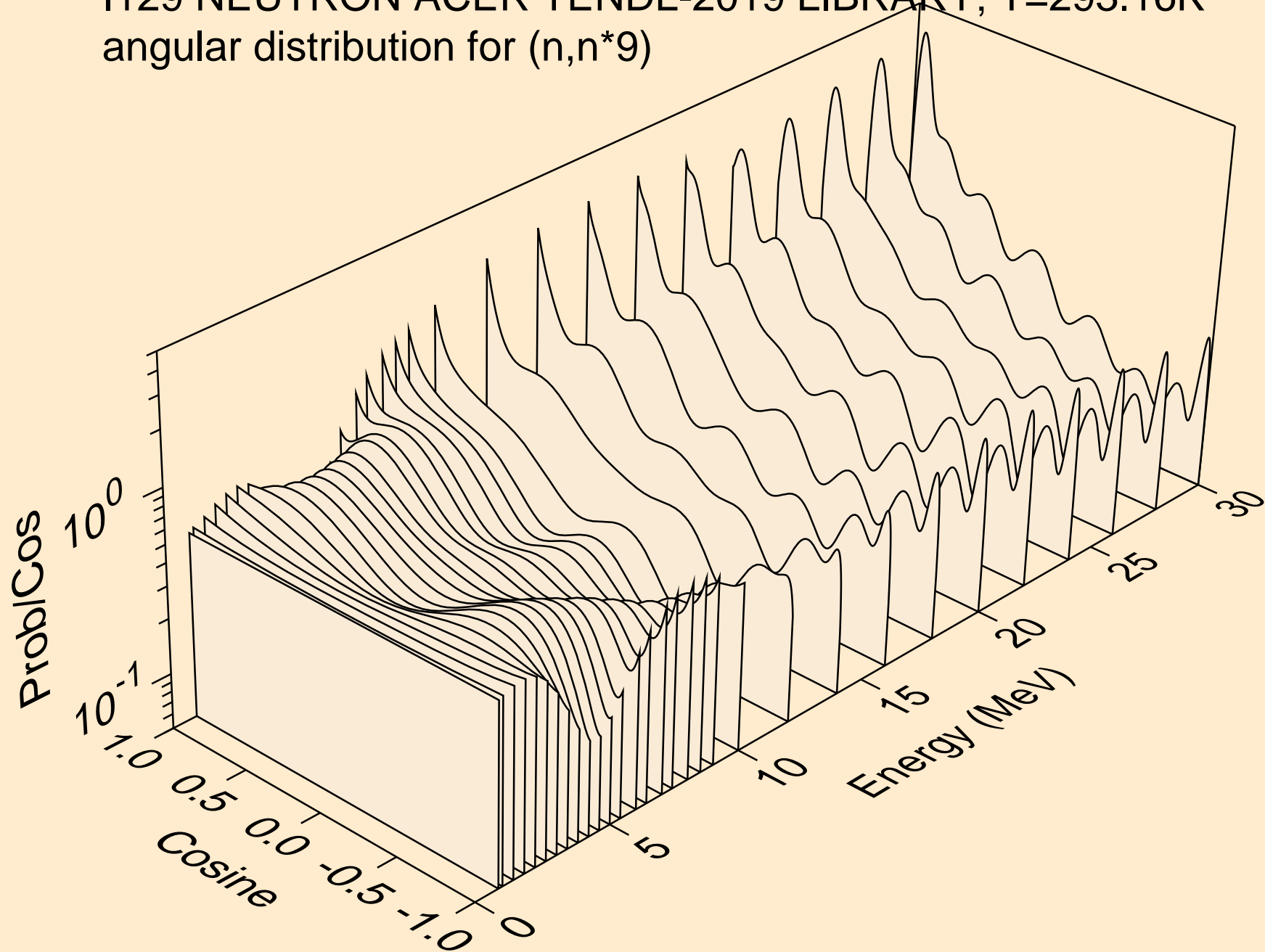
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)

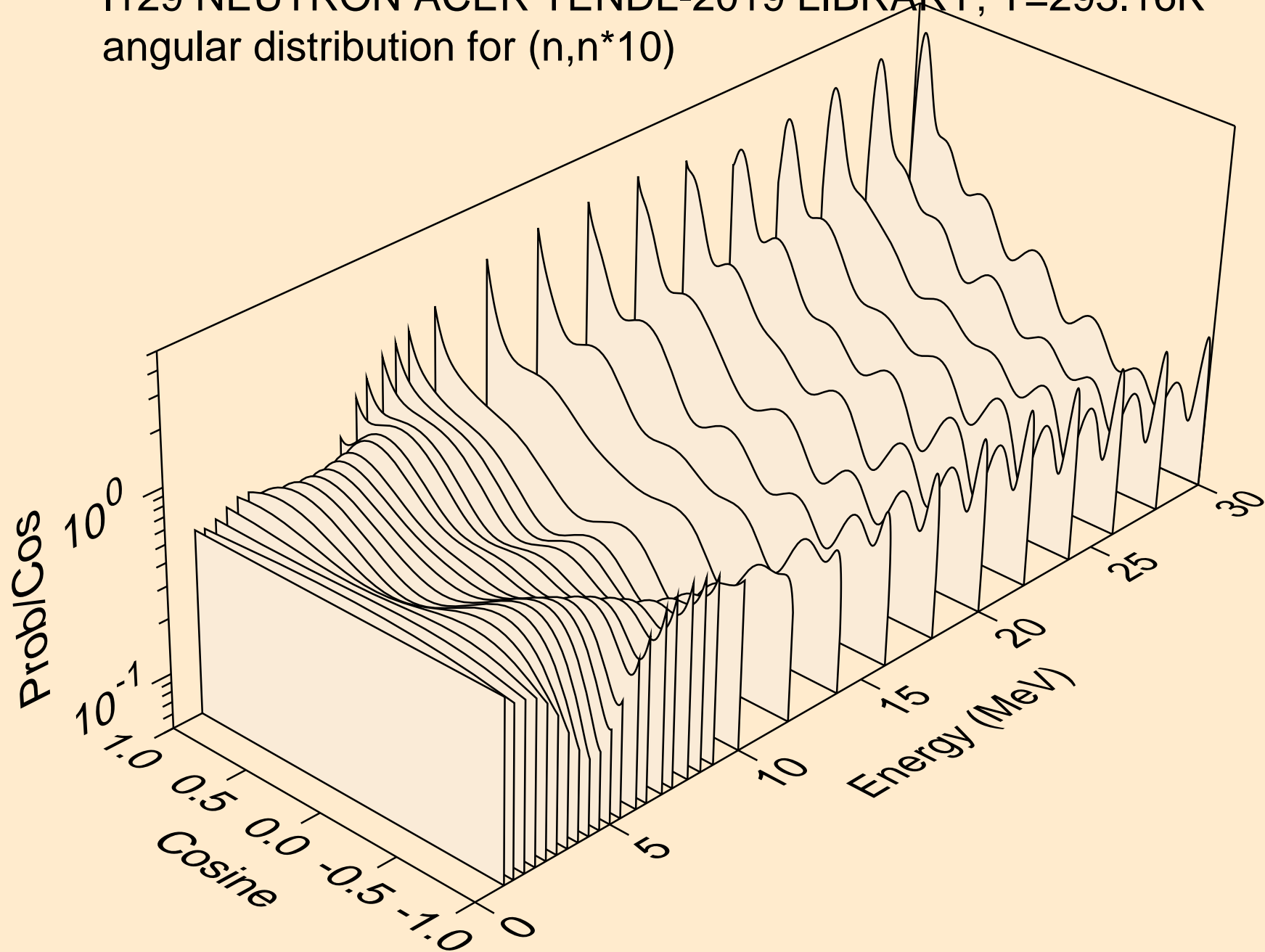


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)

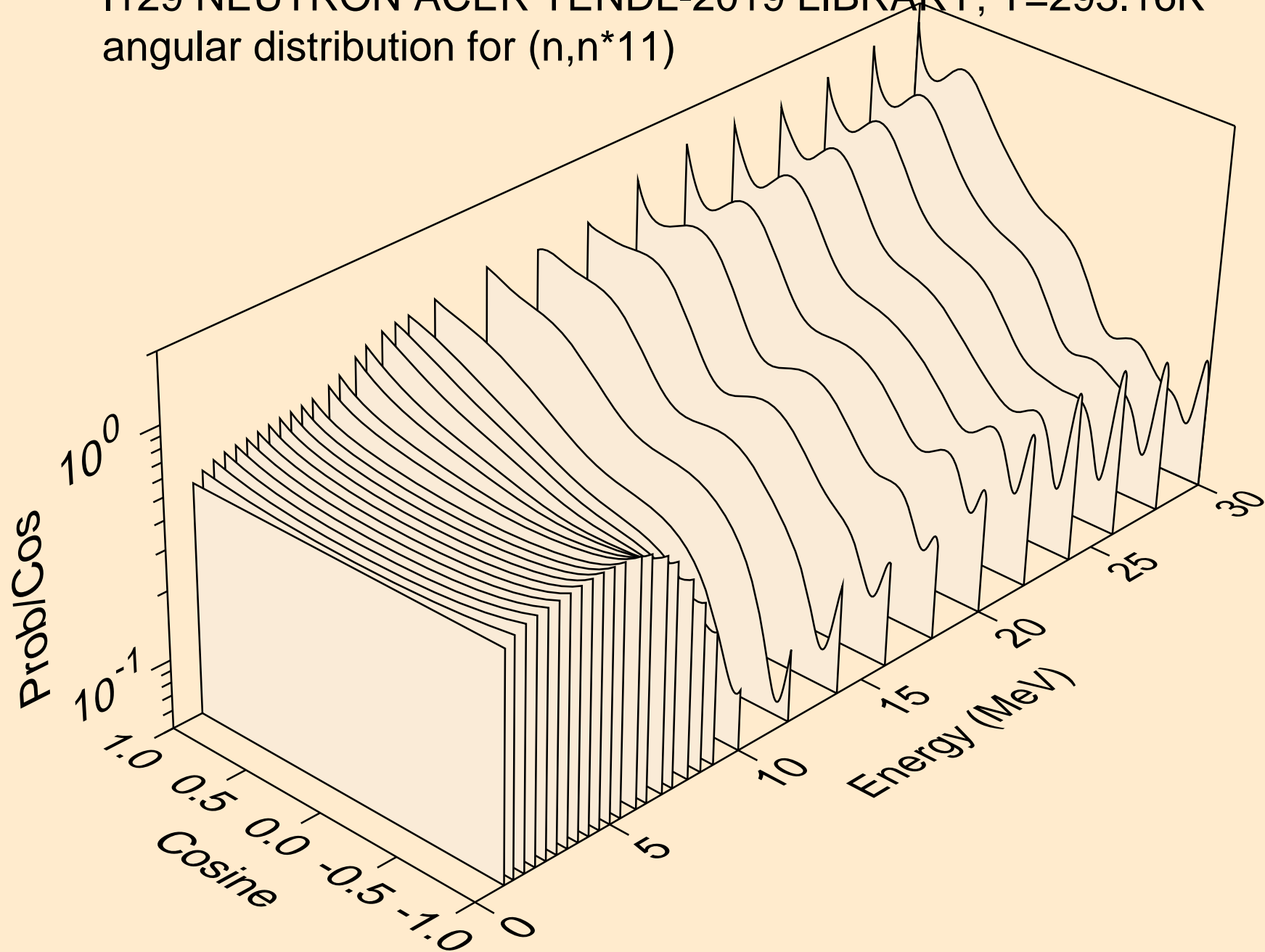




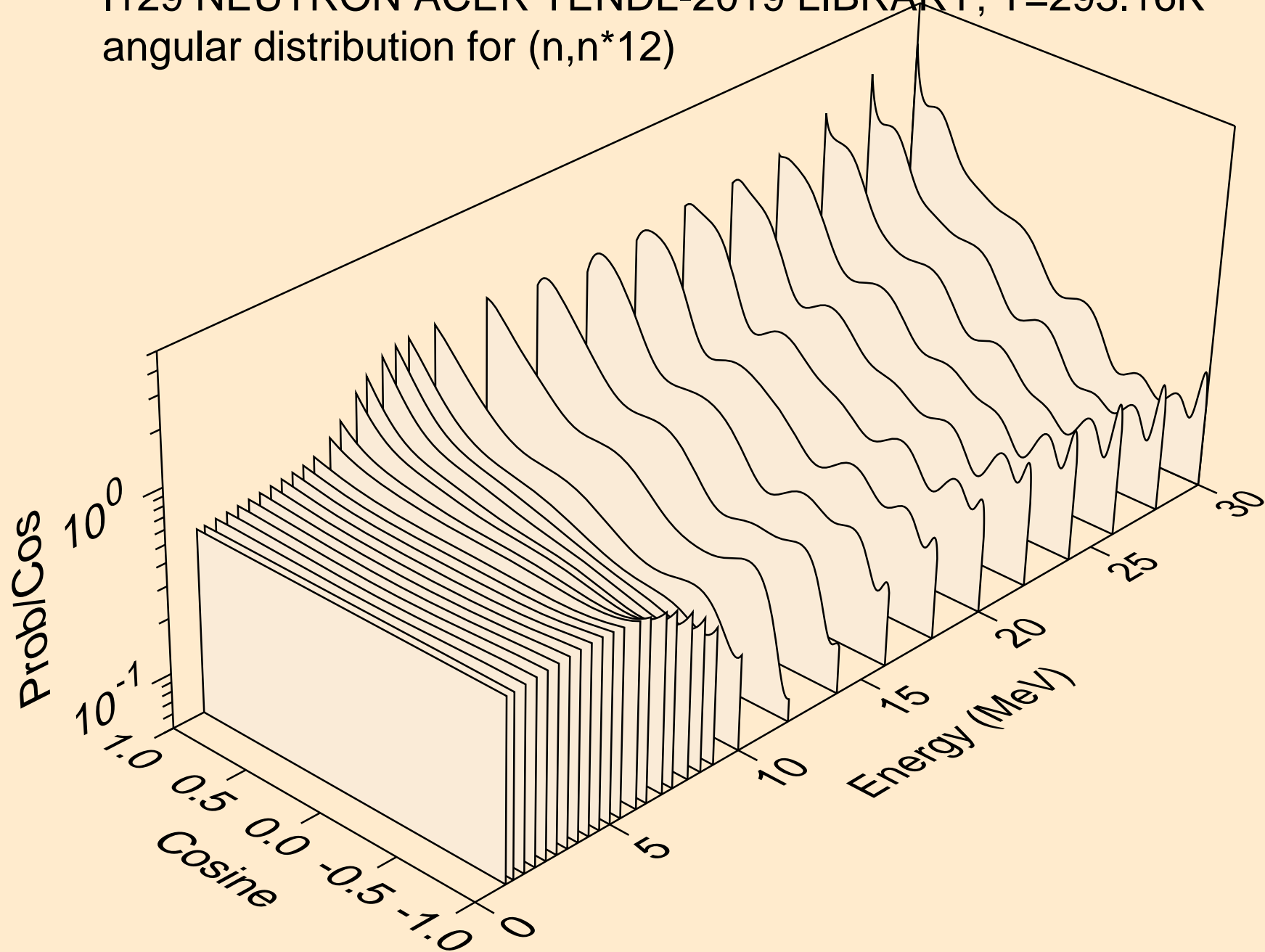
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)



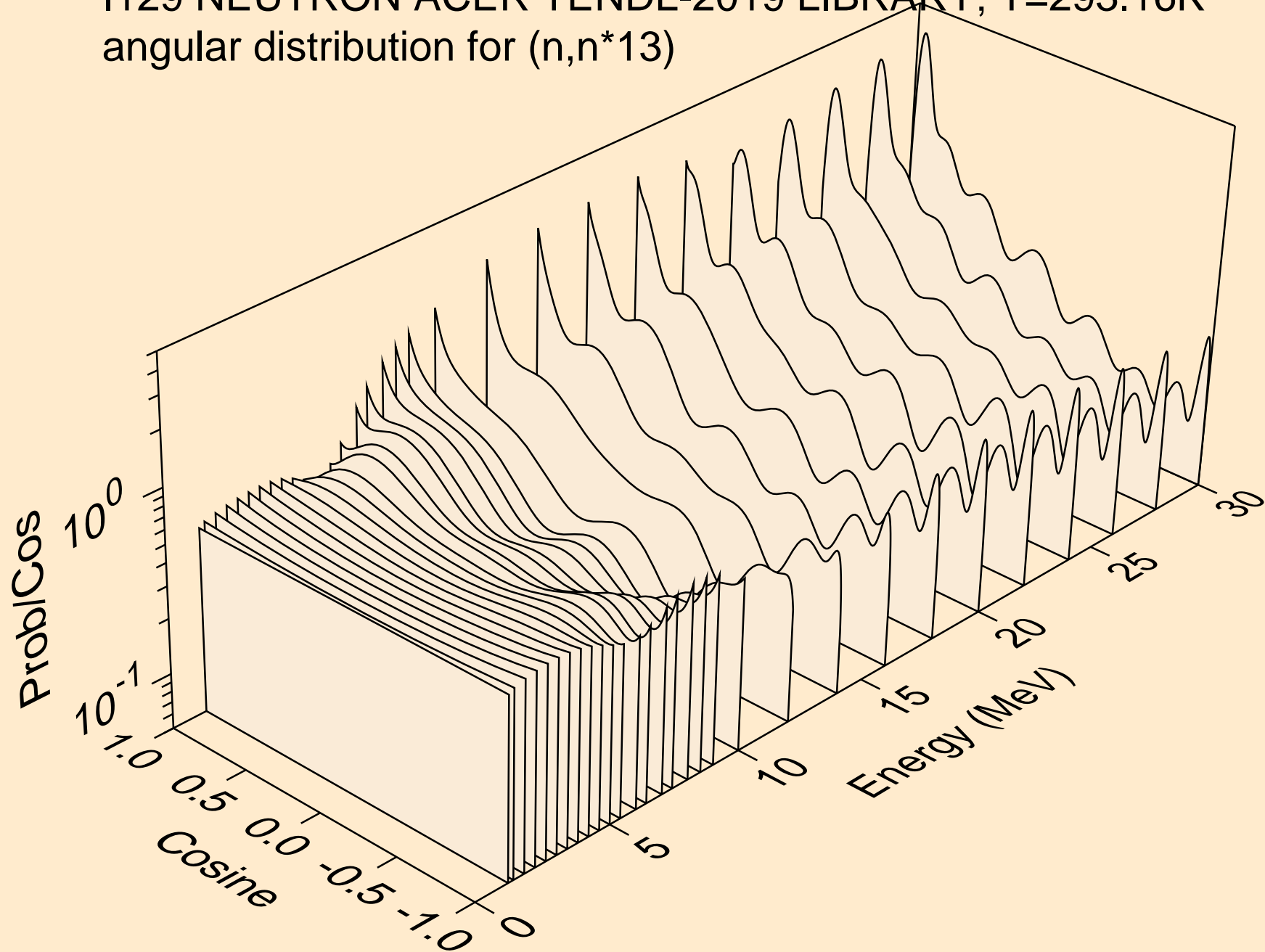
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



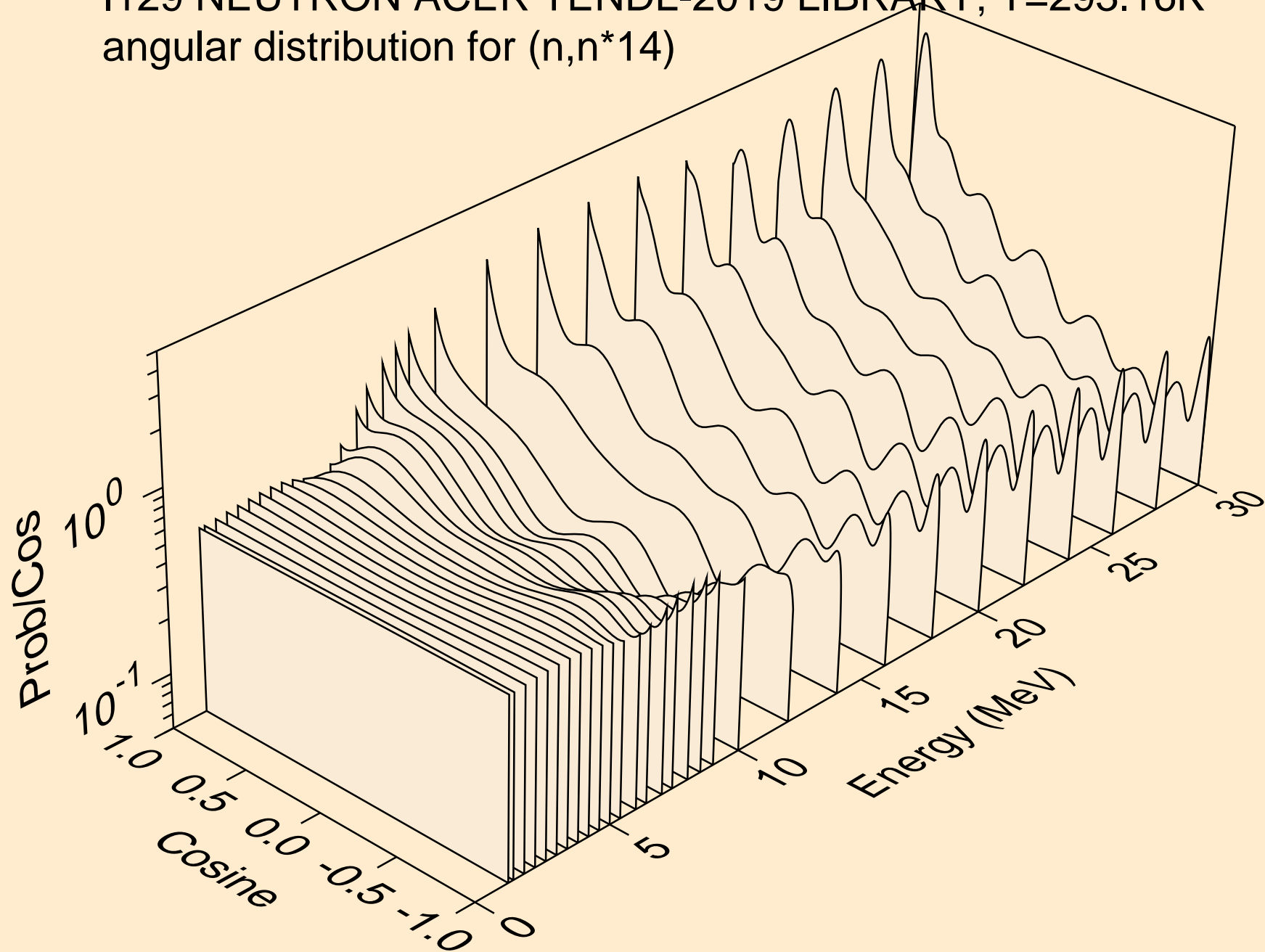
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



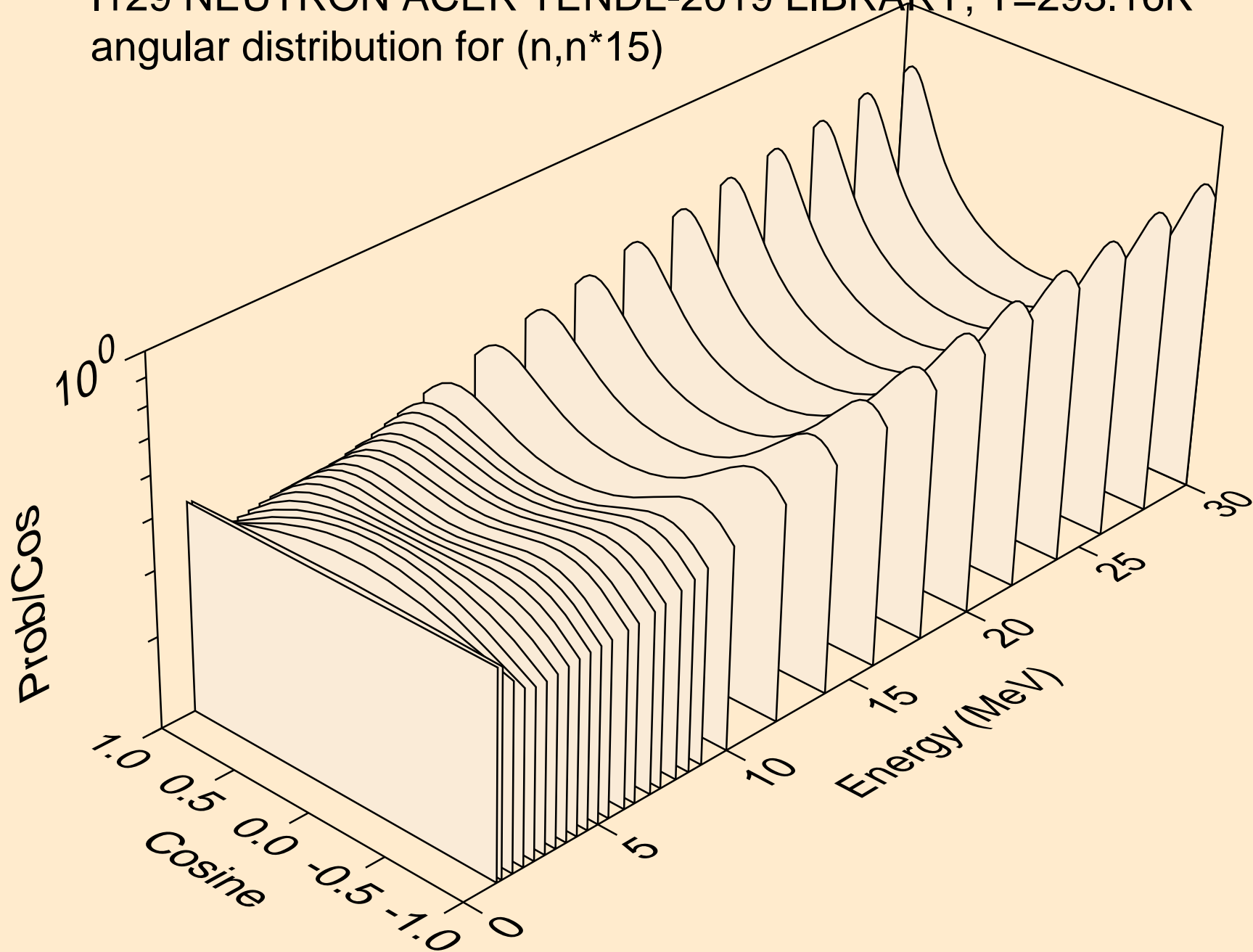
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



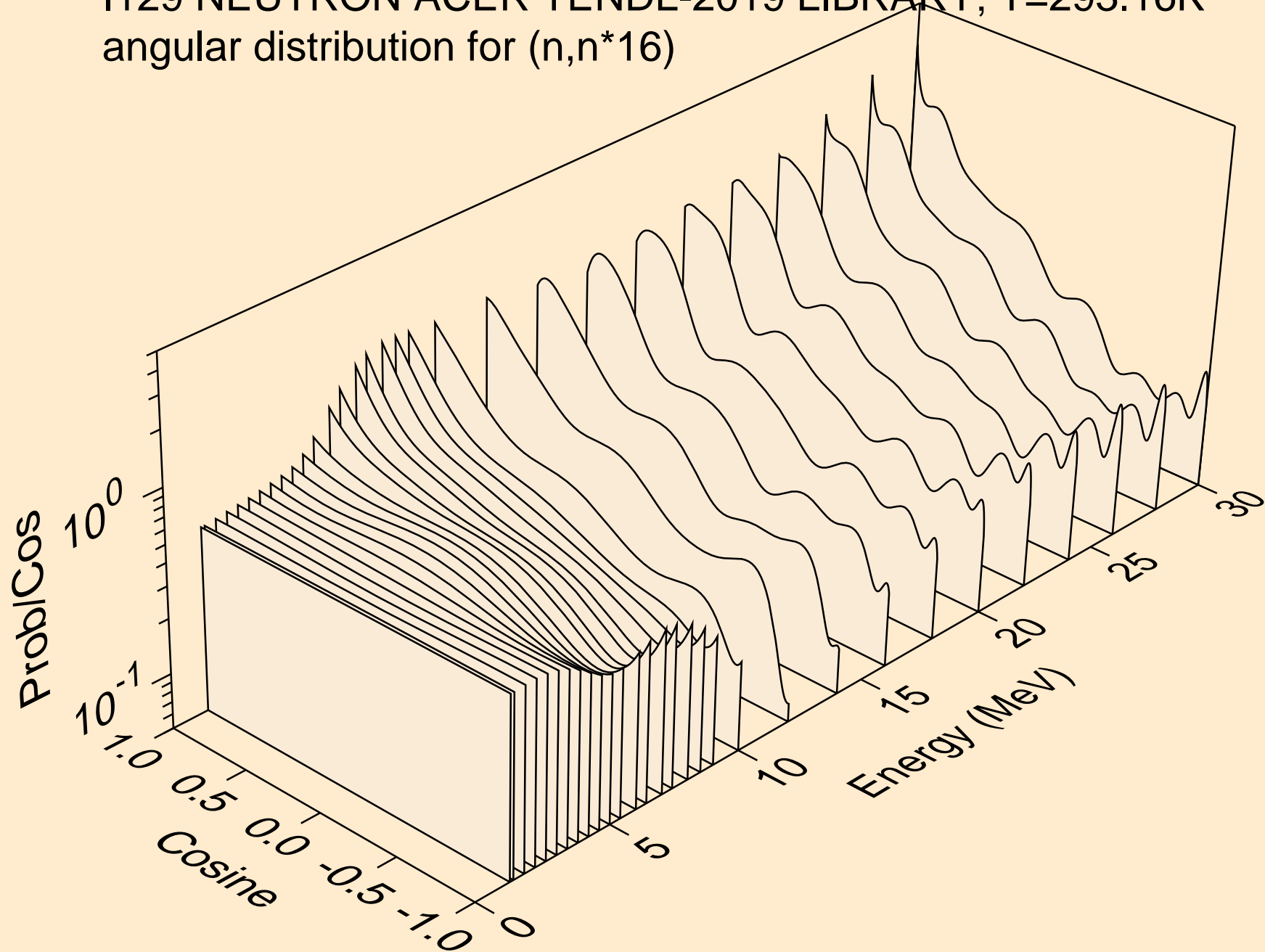
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)



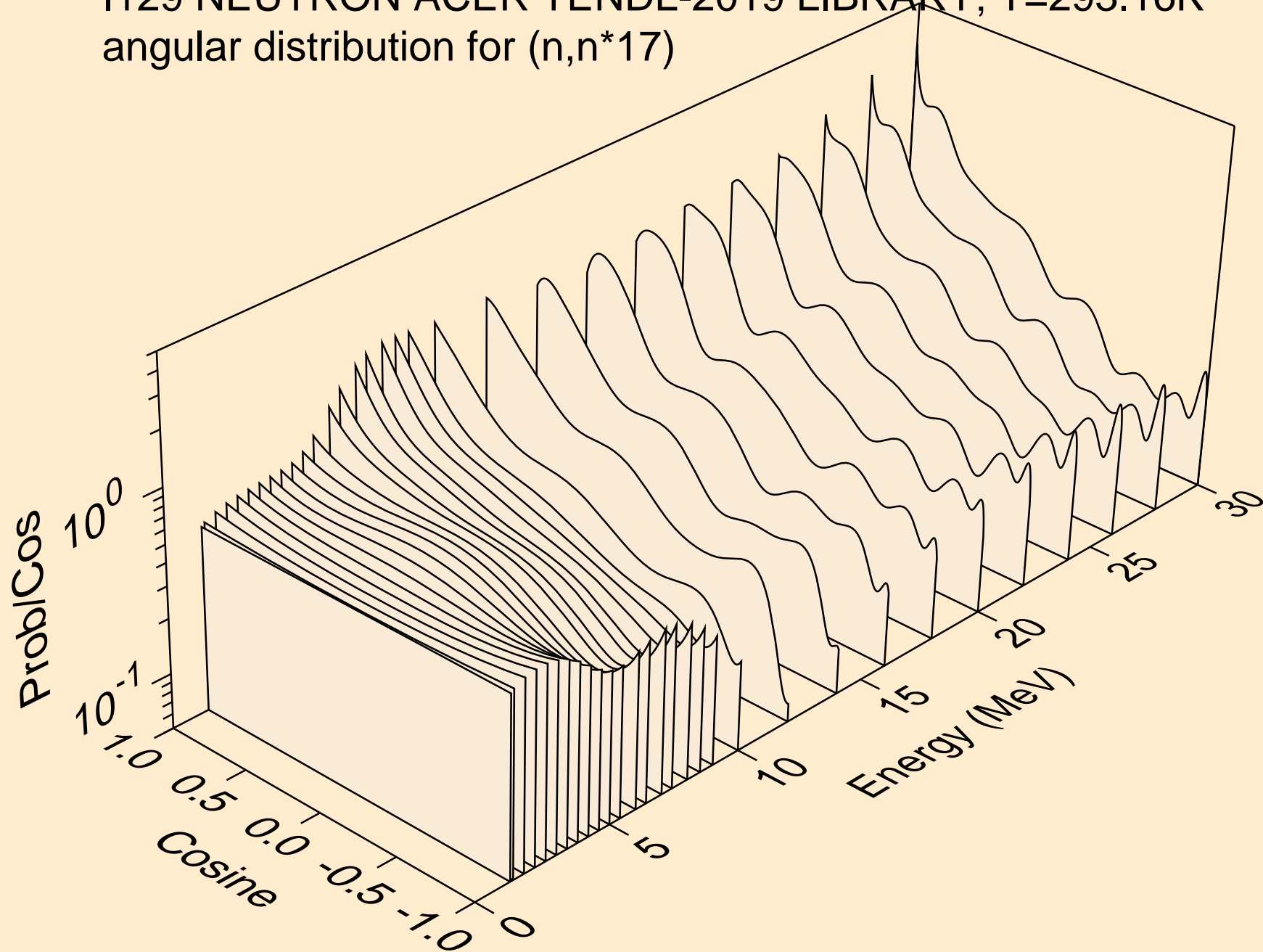
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)

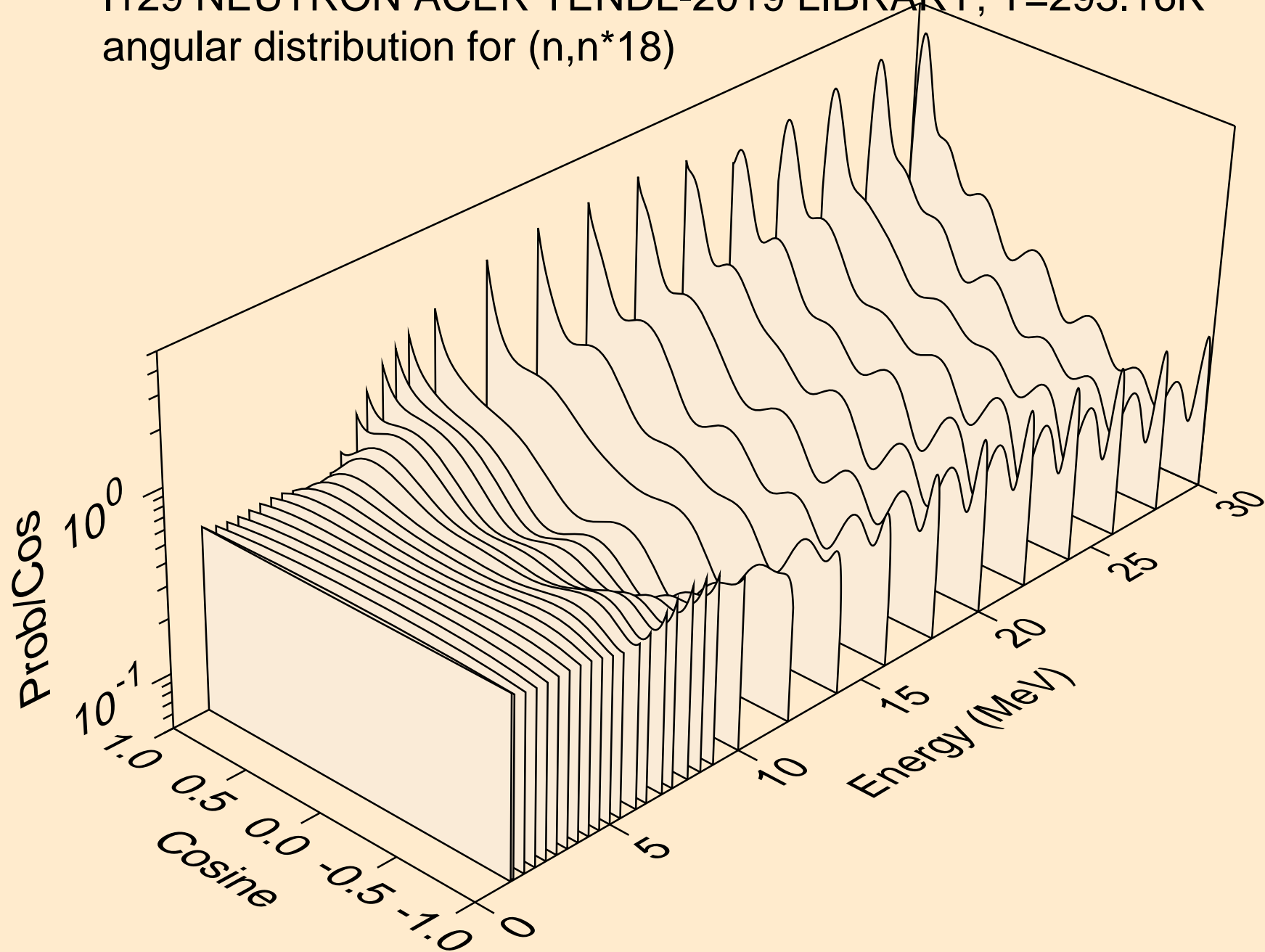


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)

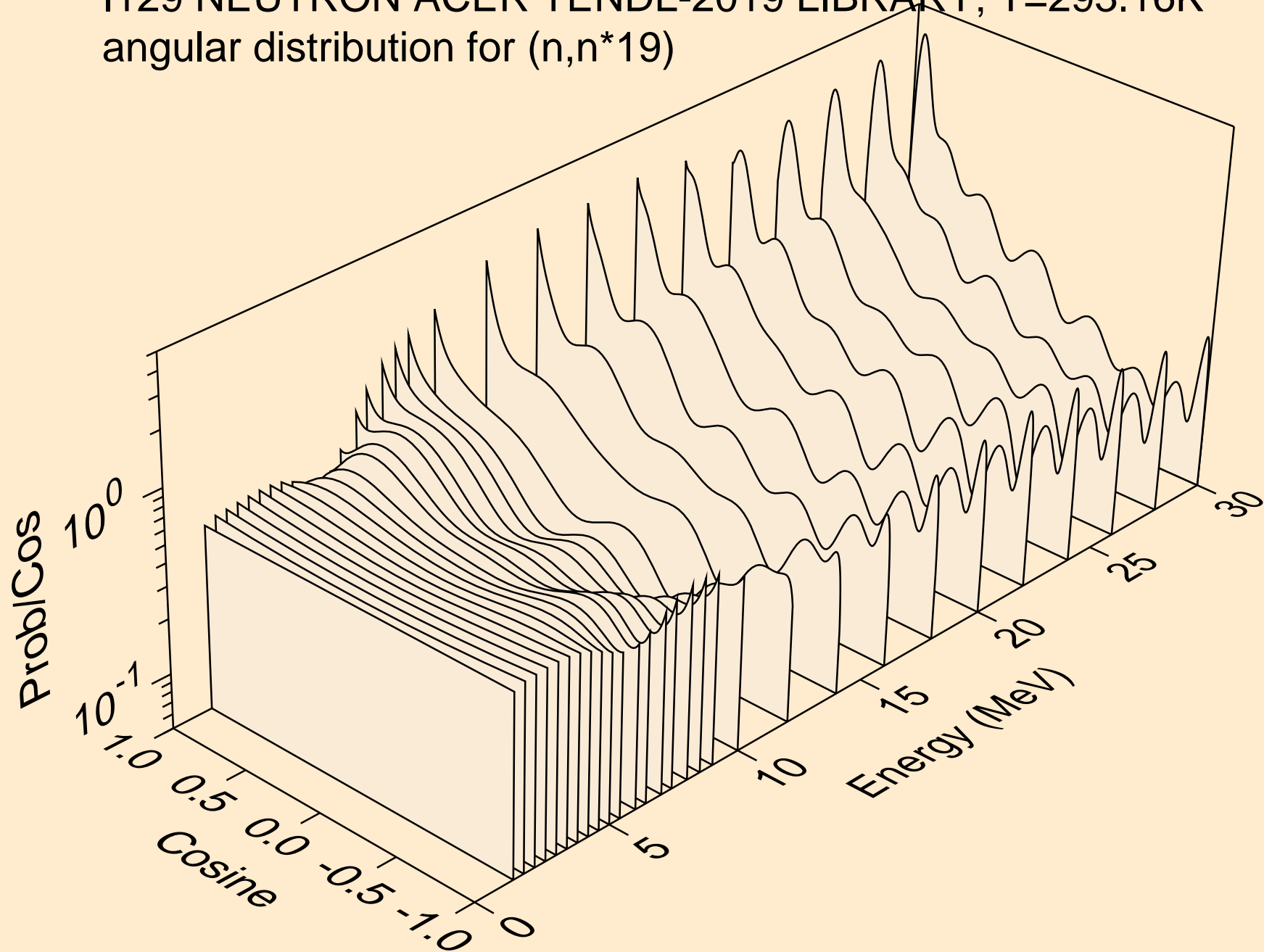




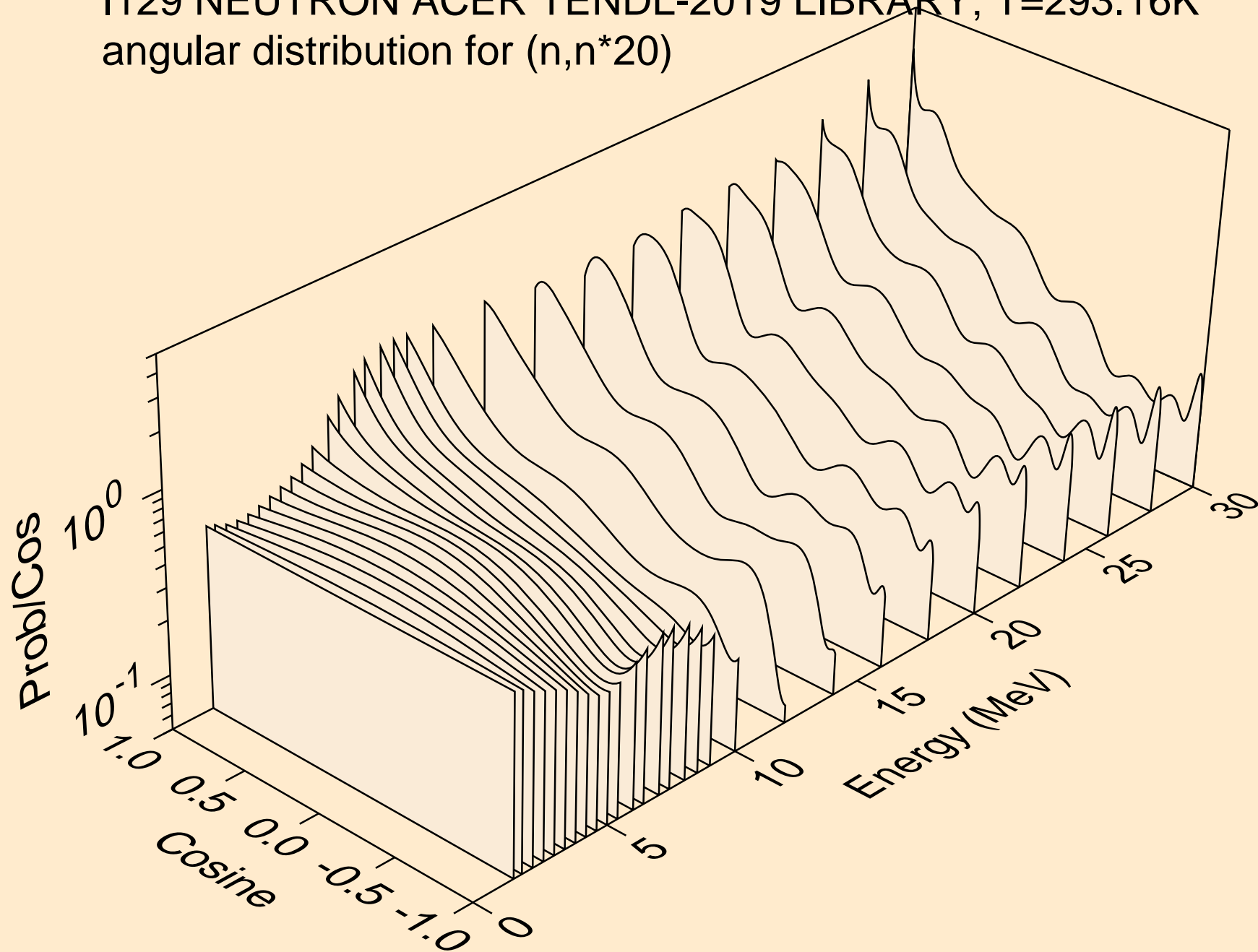
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)



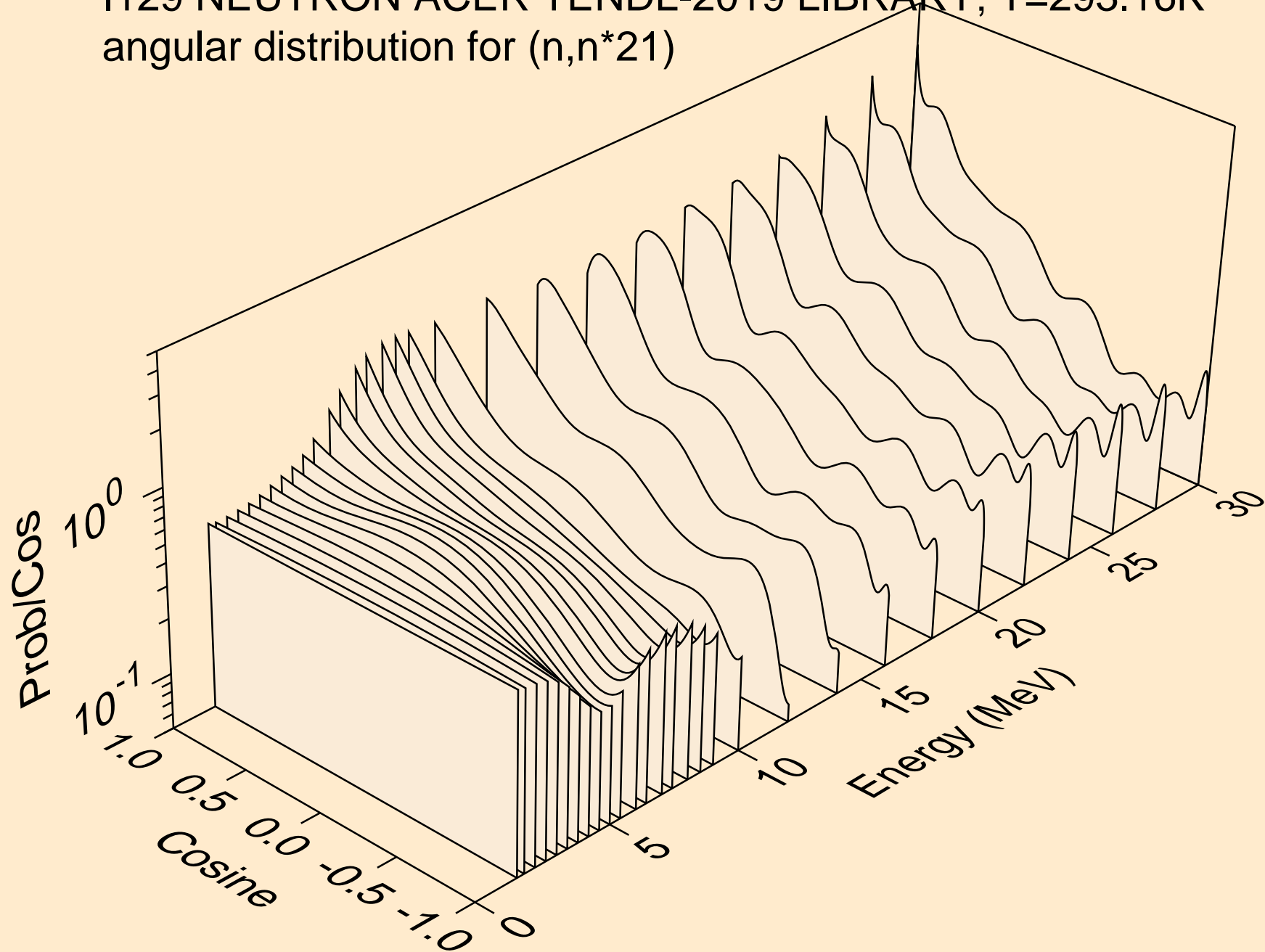
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)



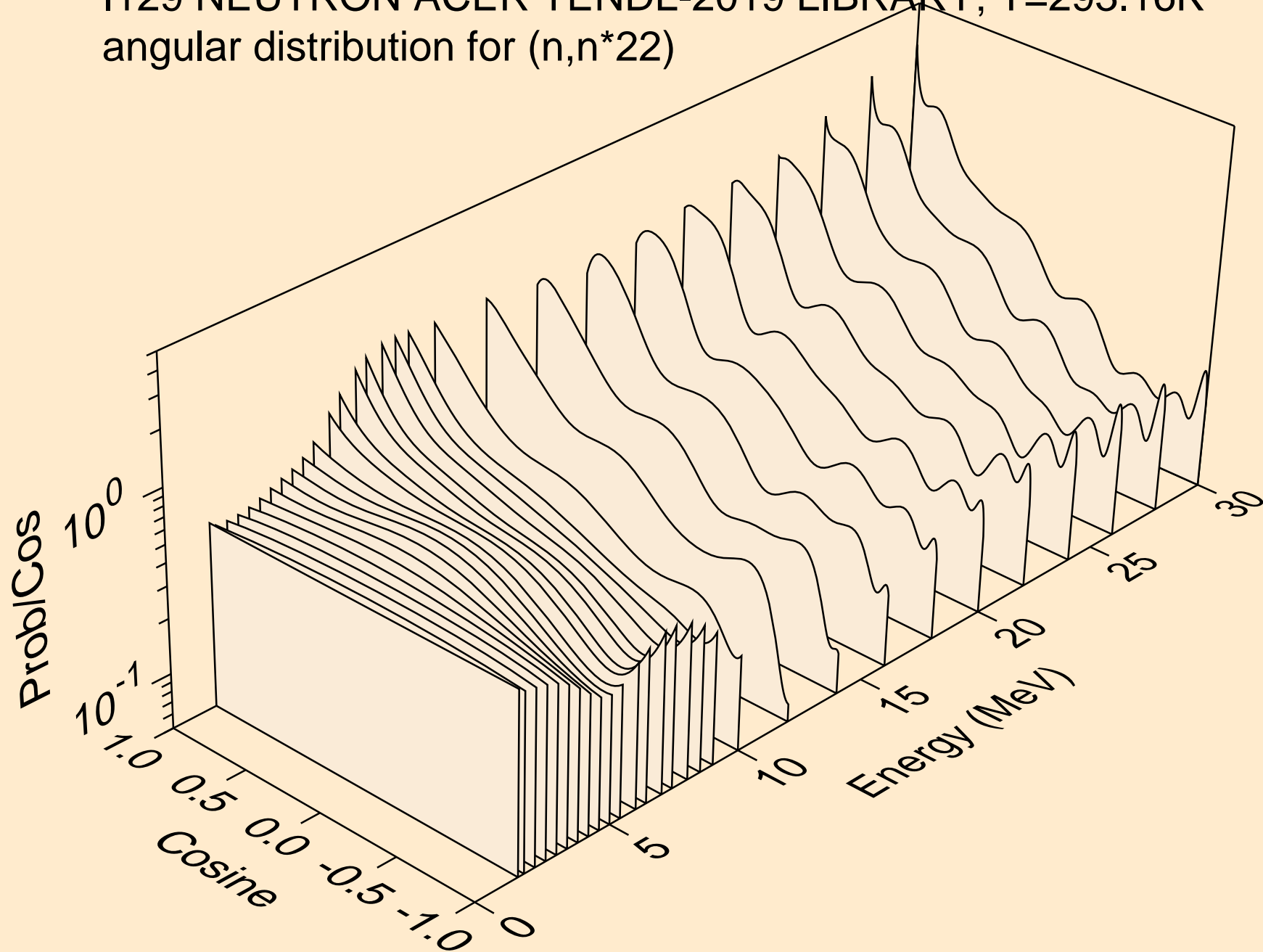
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



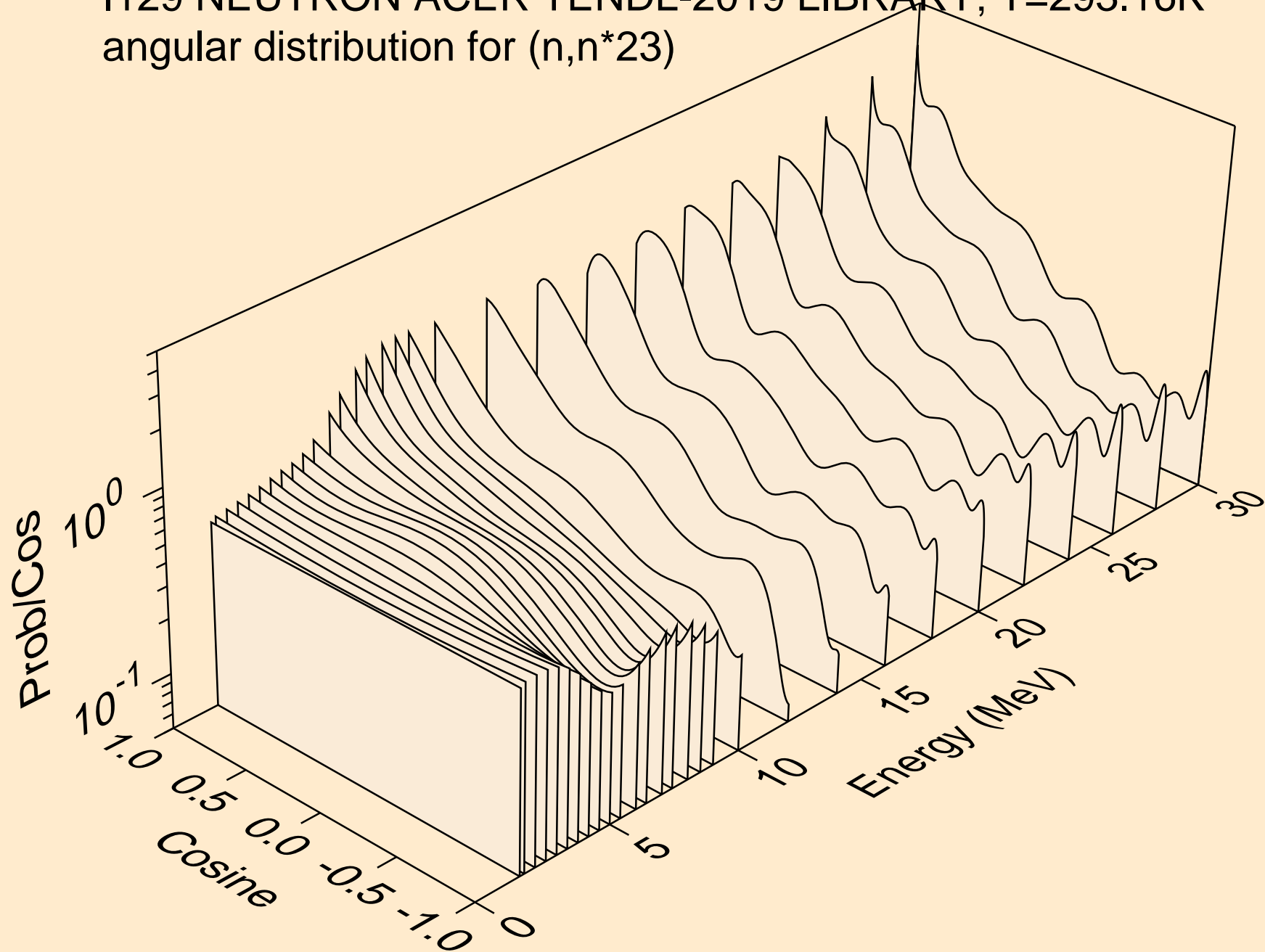
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)



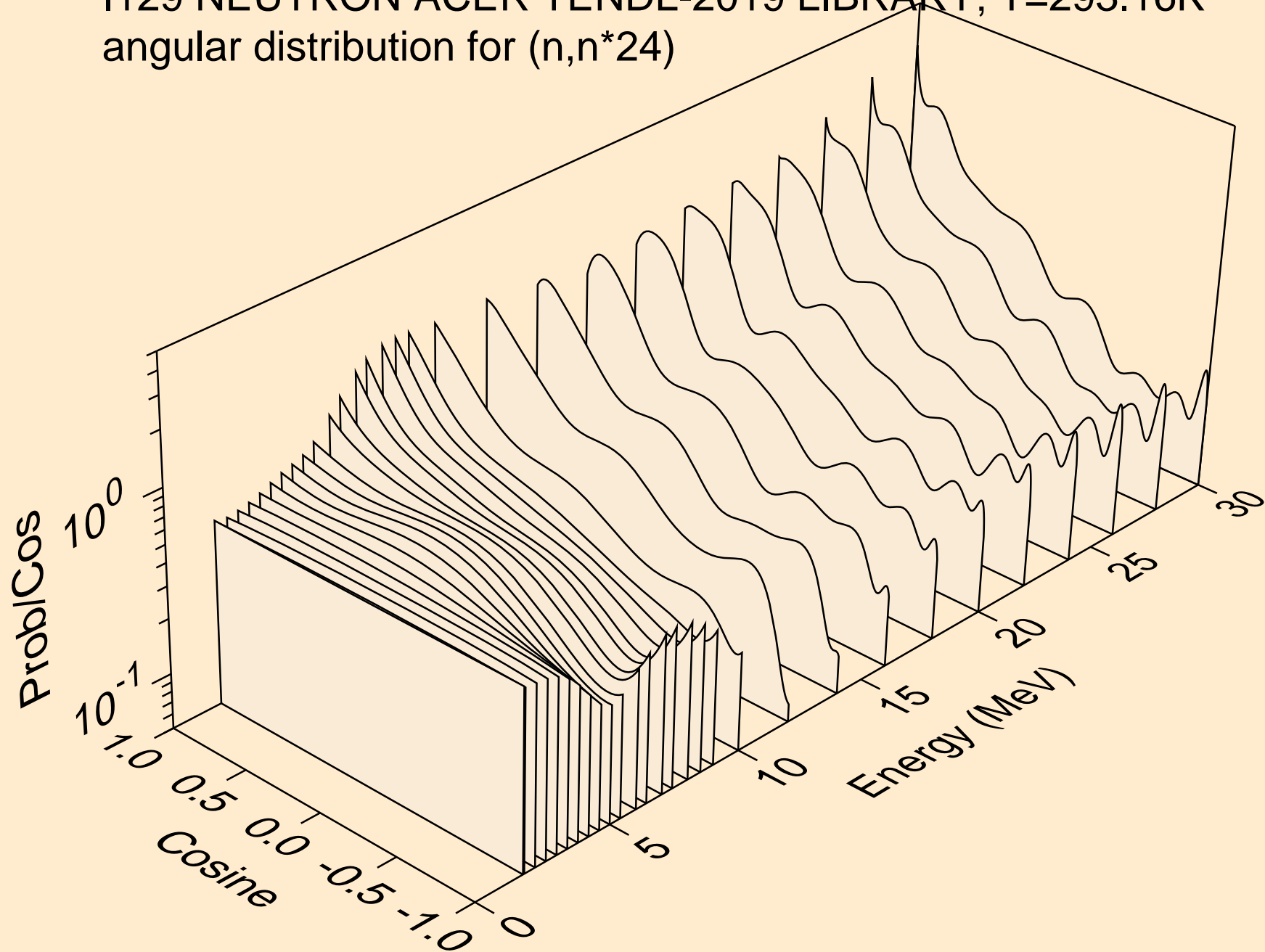
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)



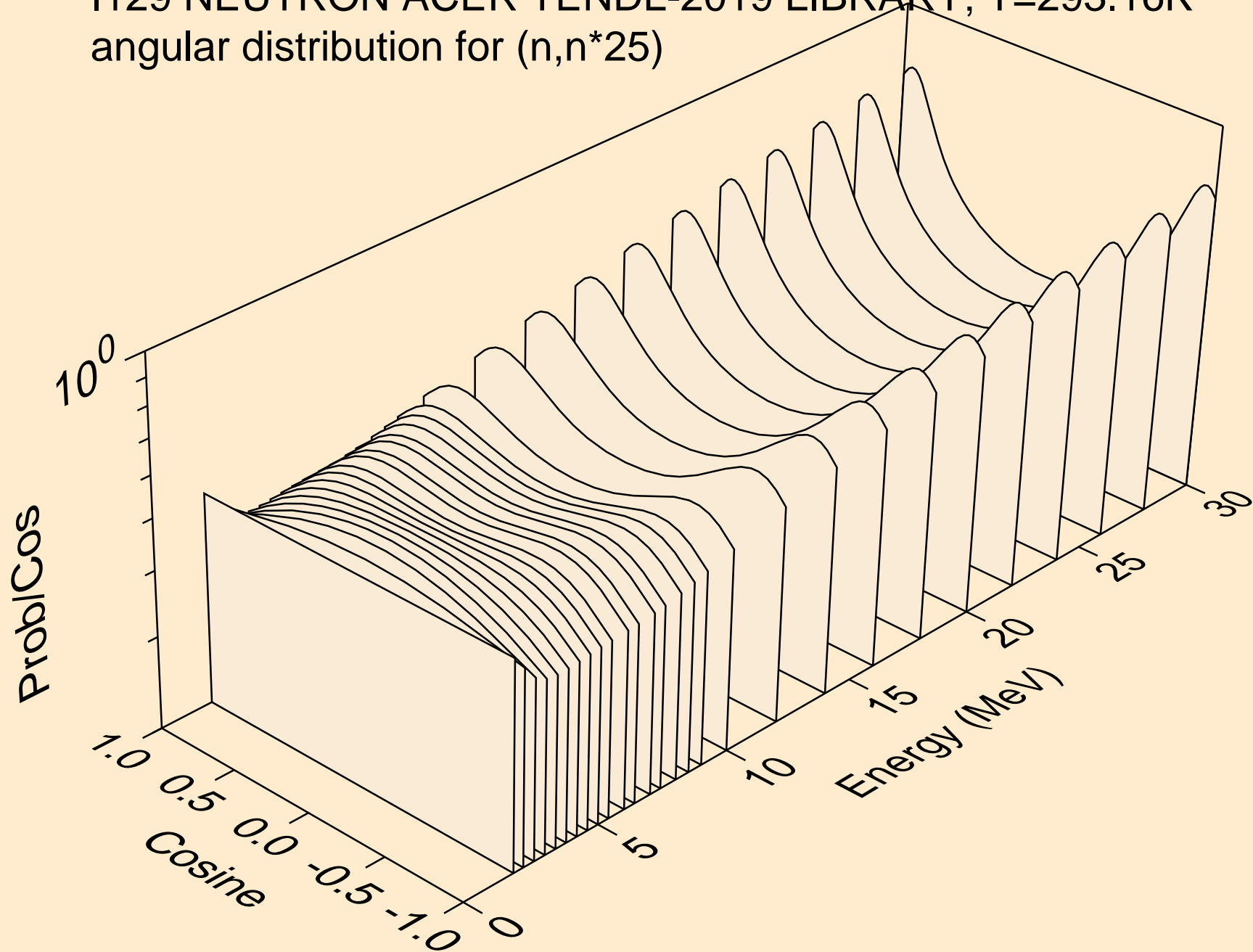
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)

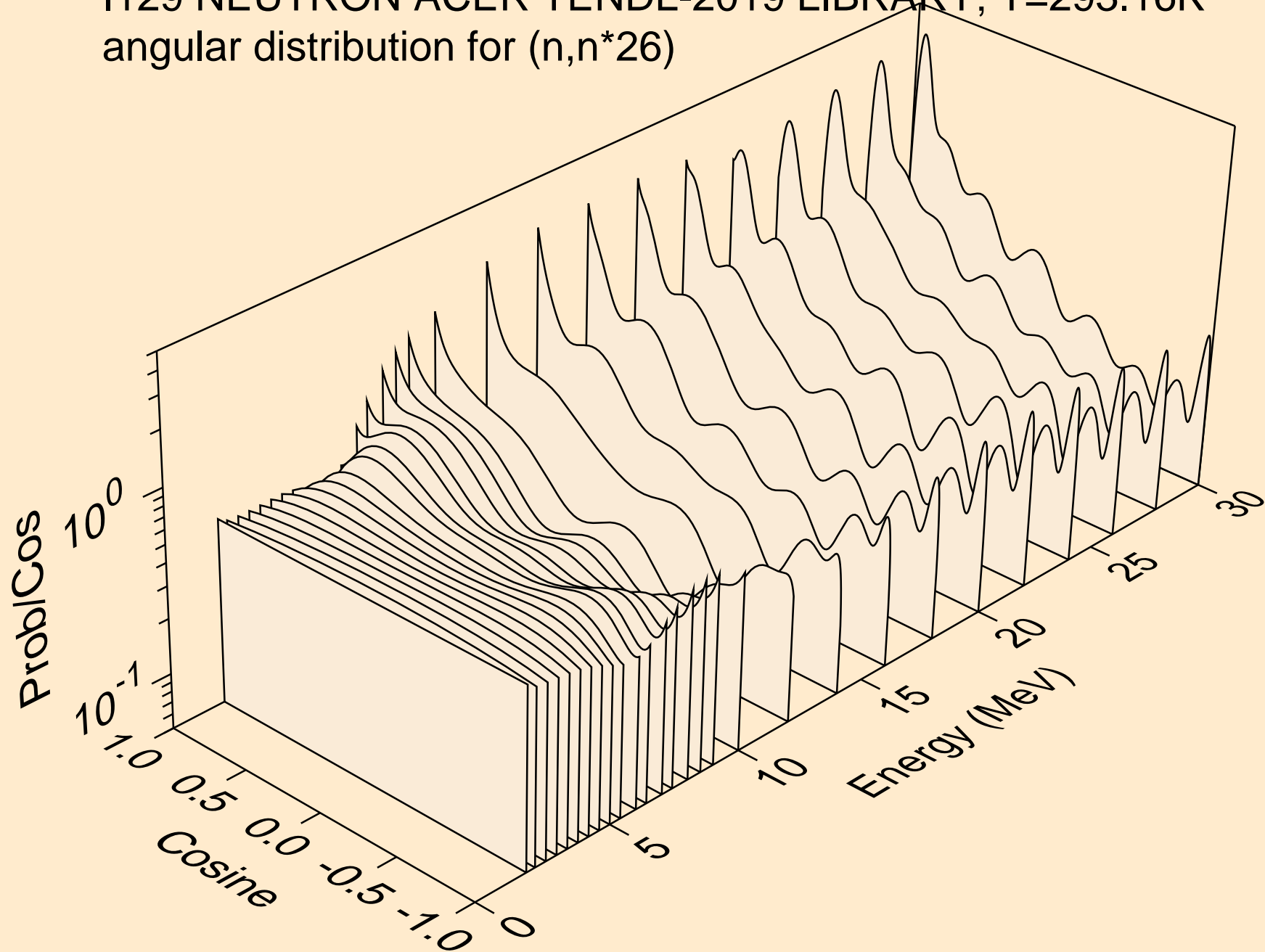


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)

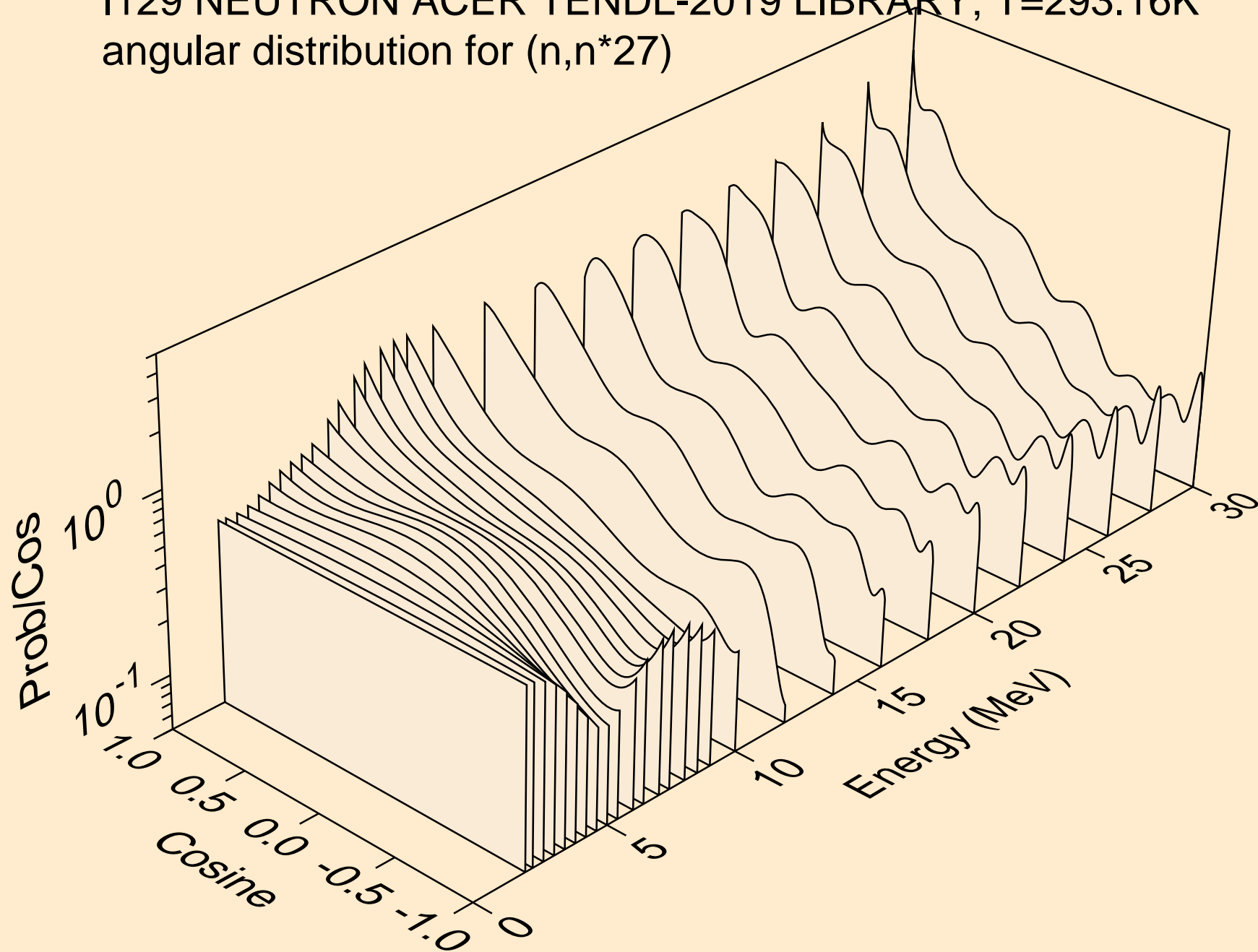




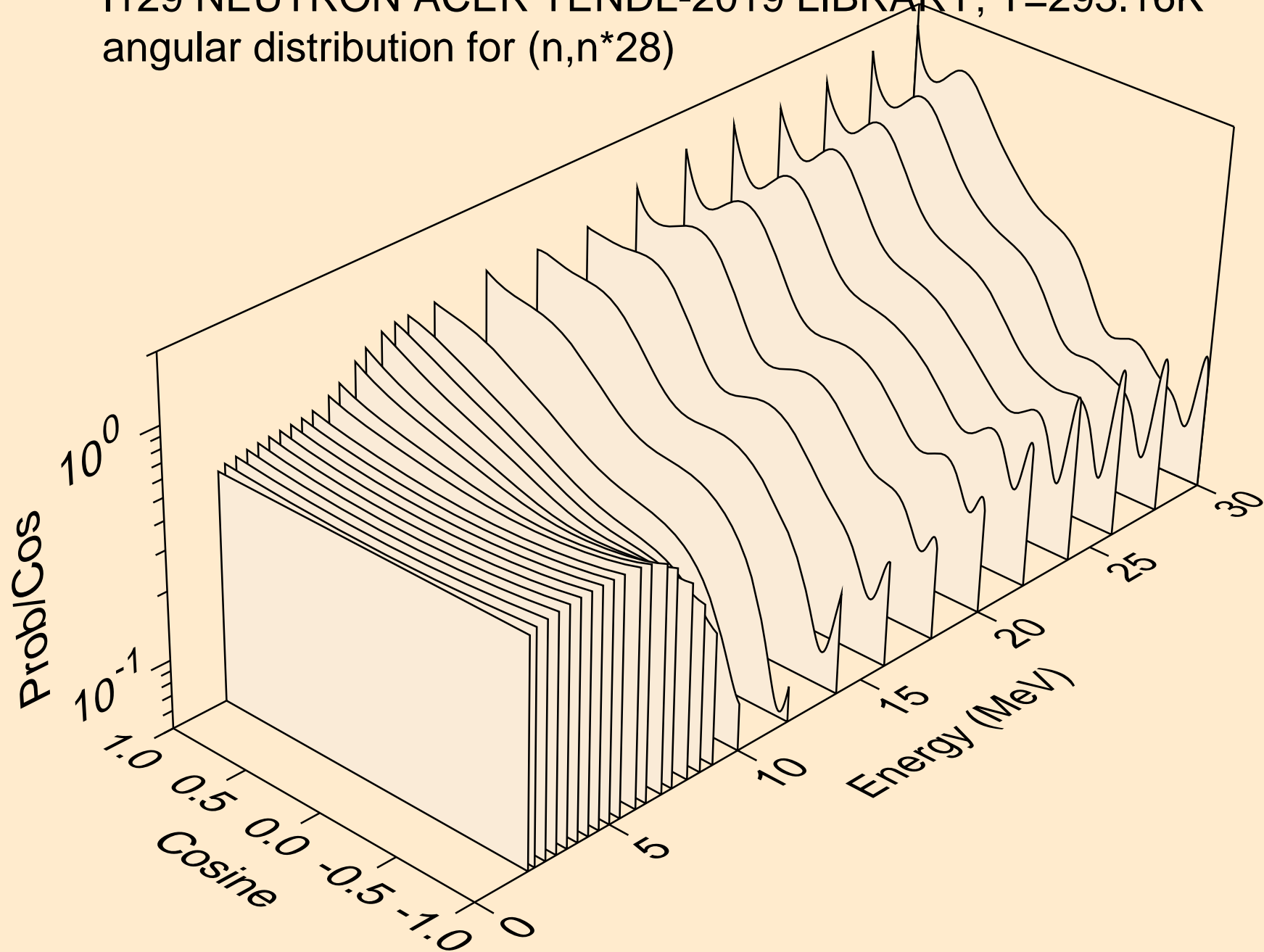
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)



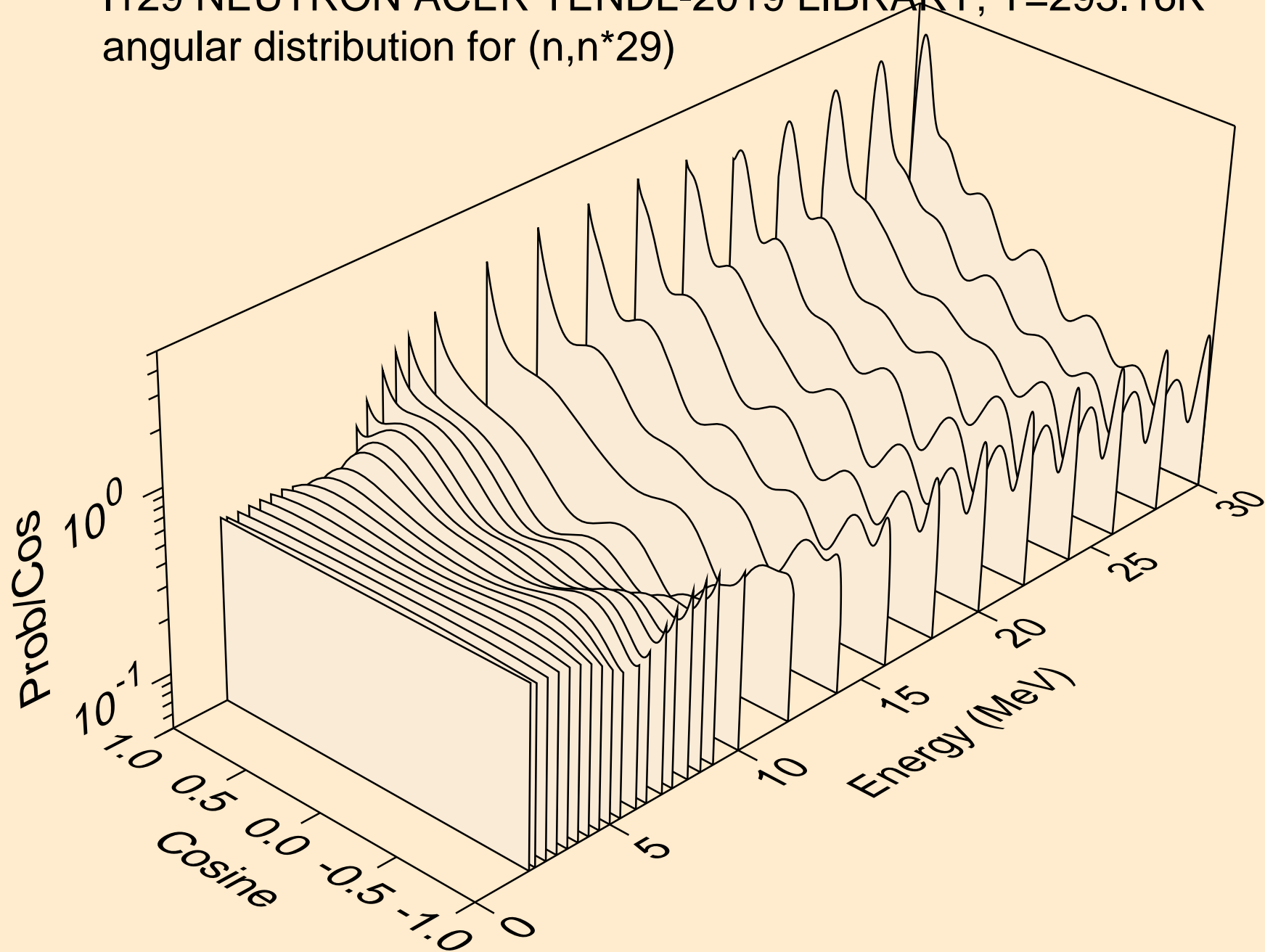
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)



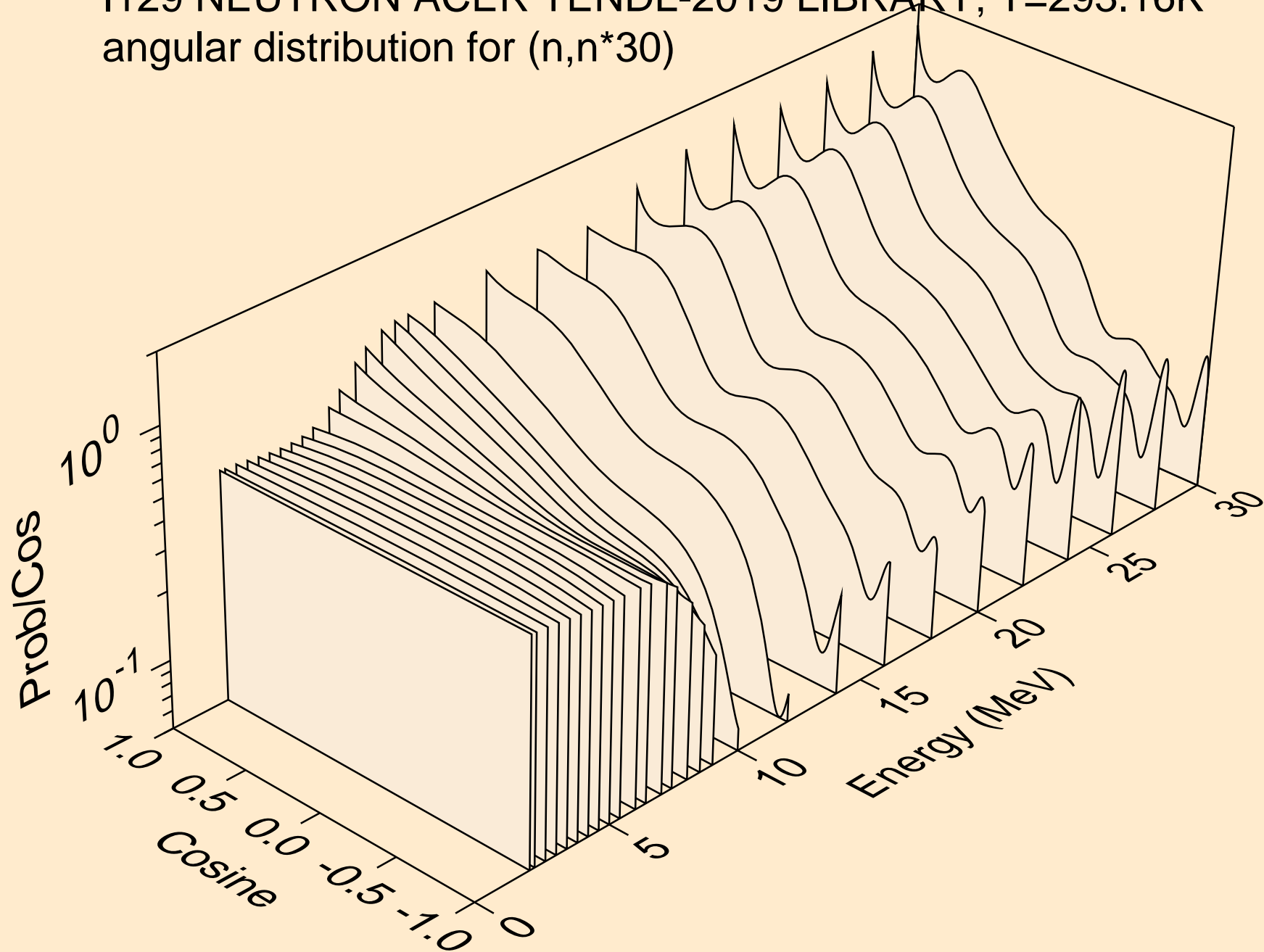
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



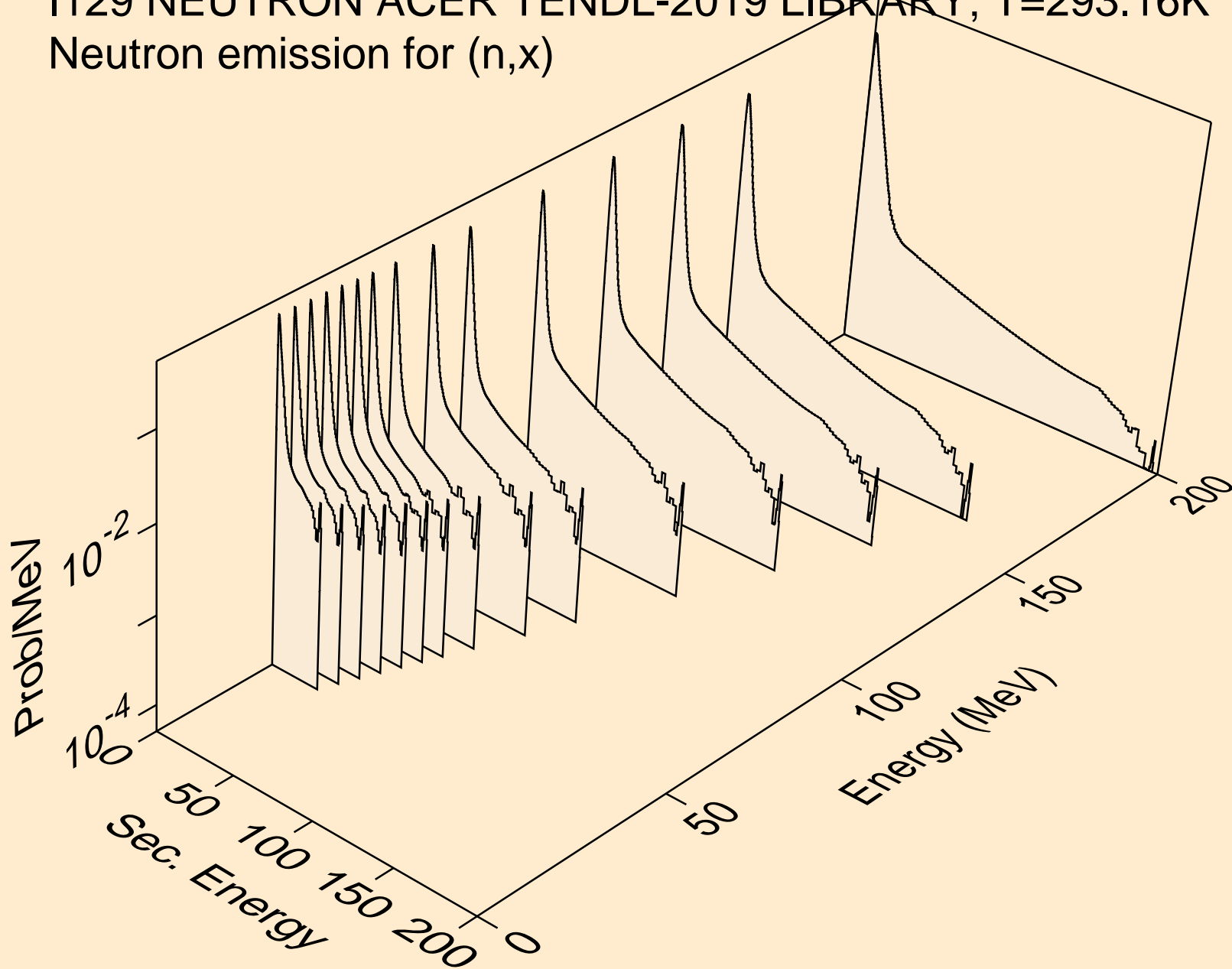
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*29)



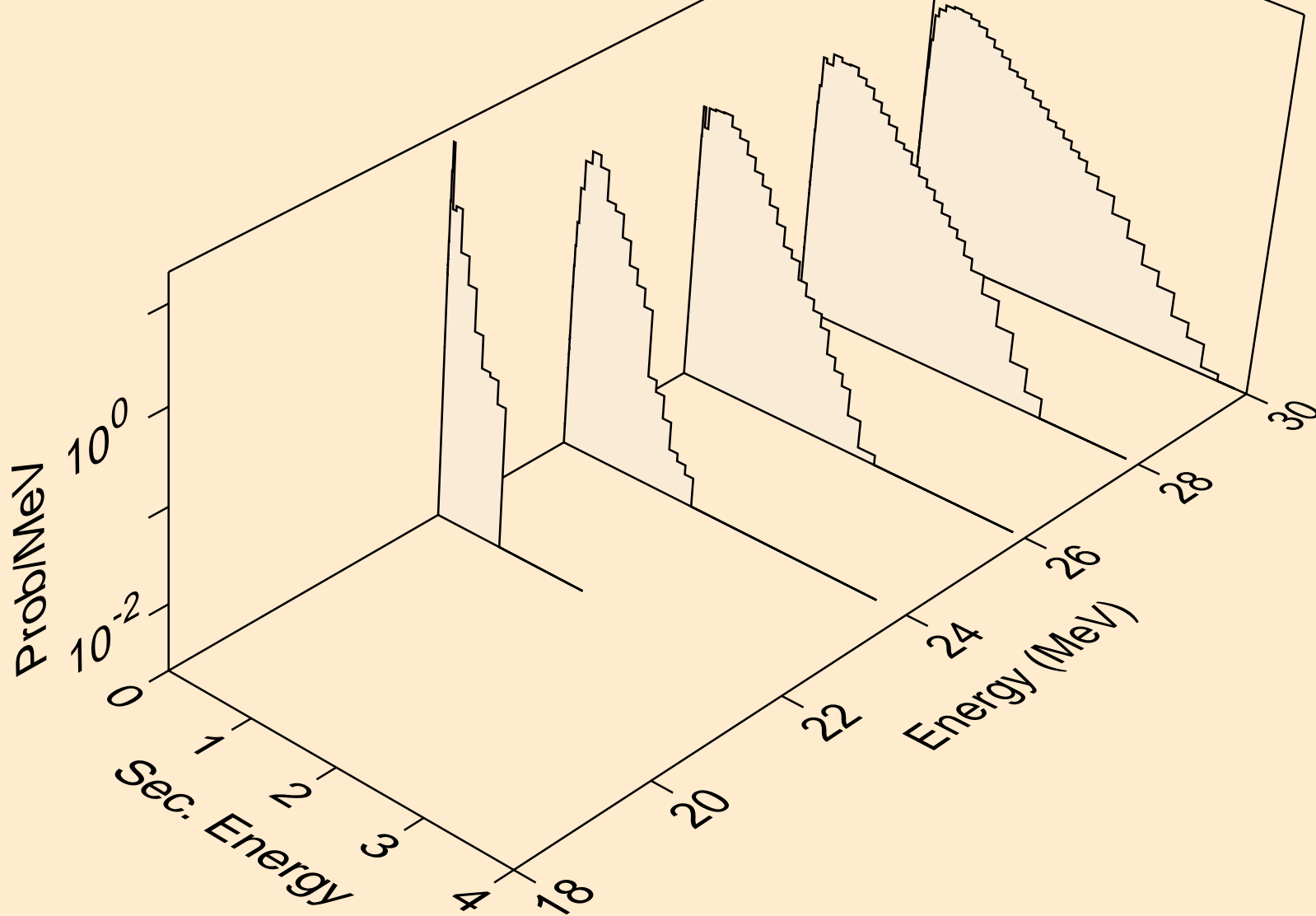
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*30)



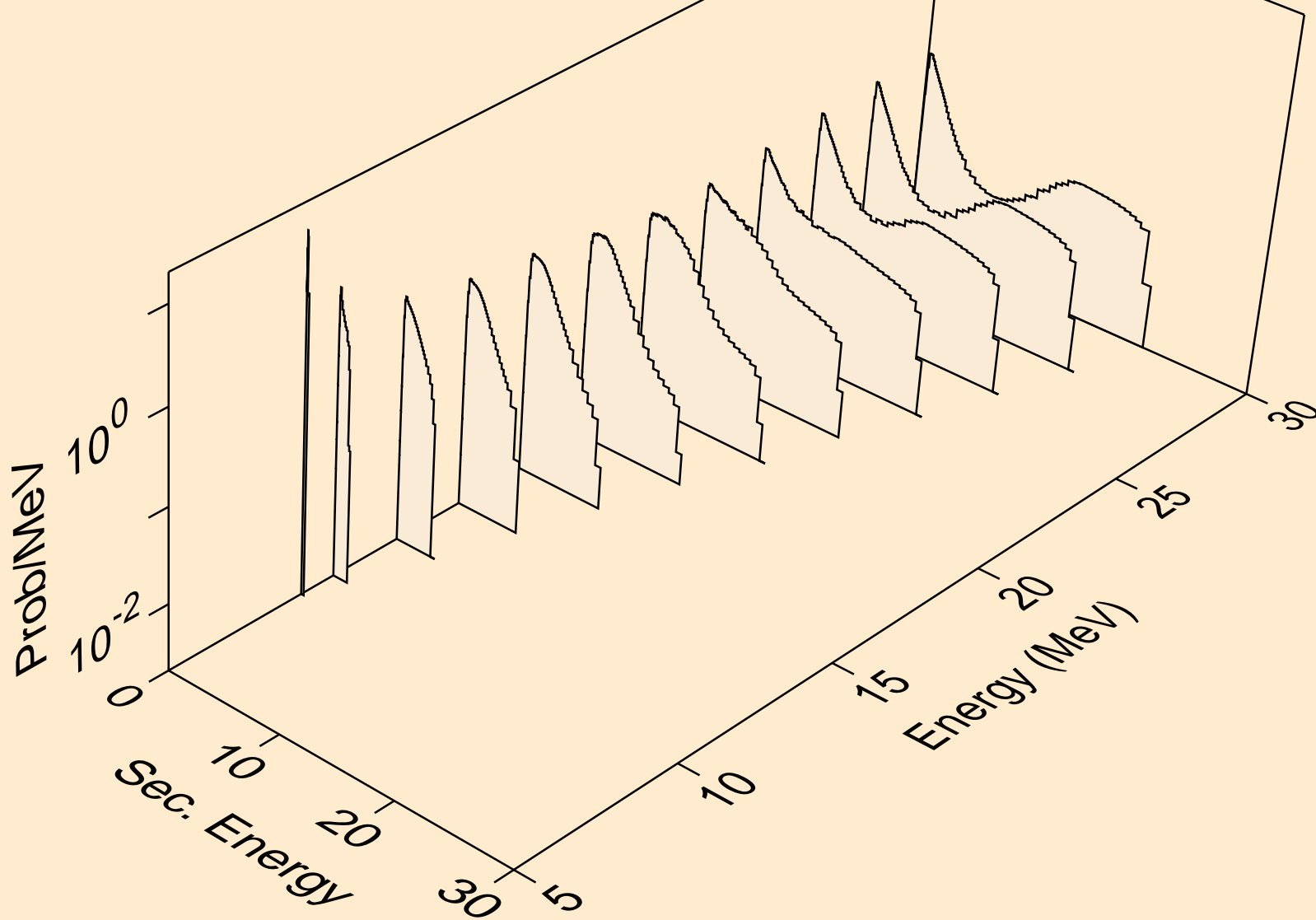
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)

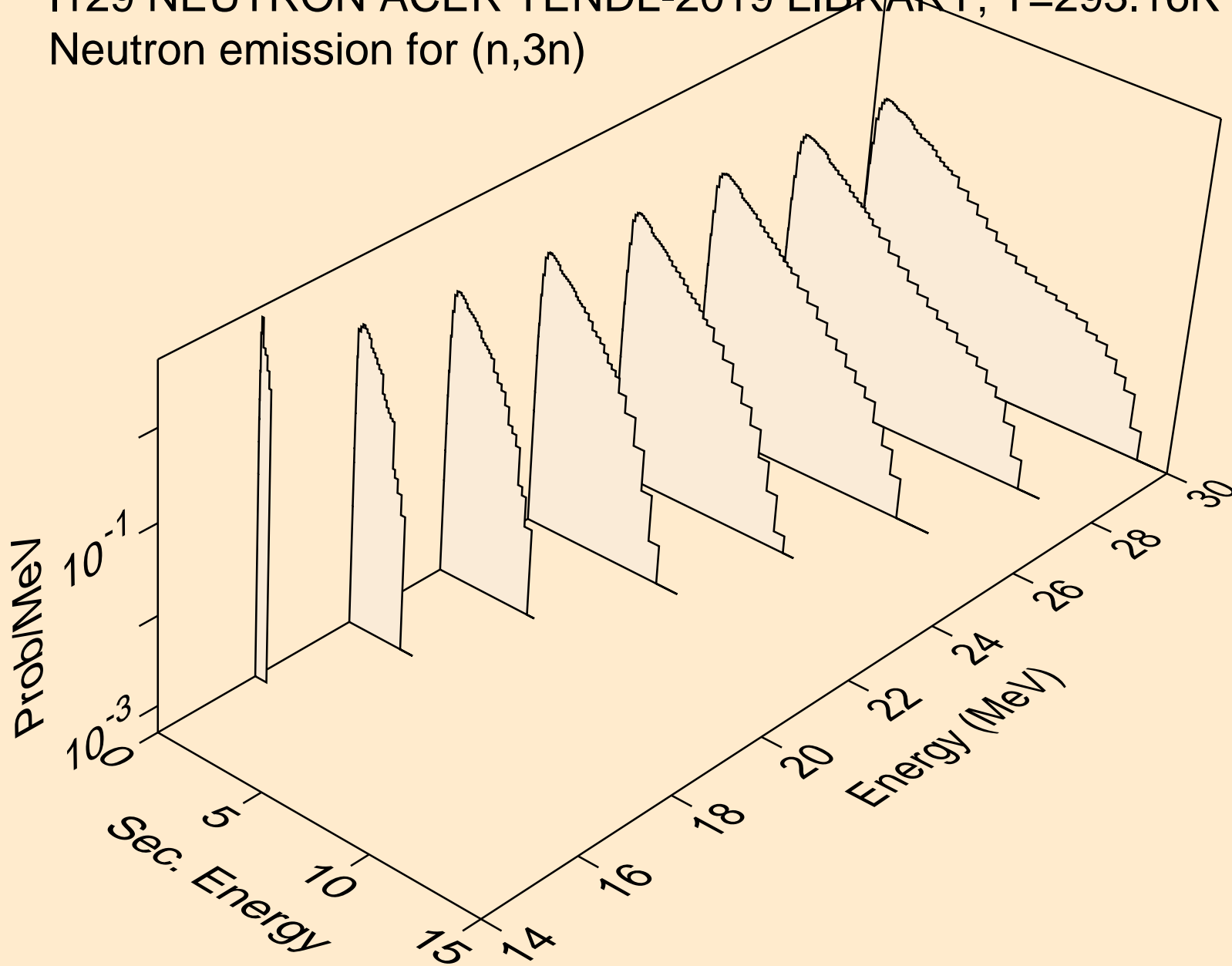


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

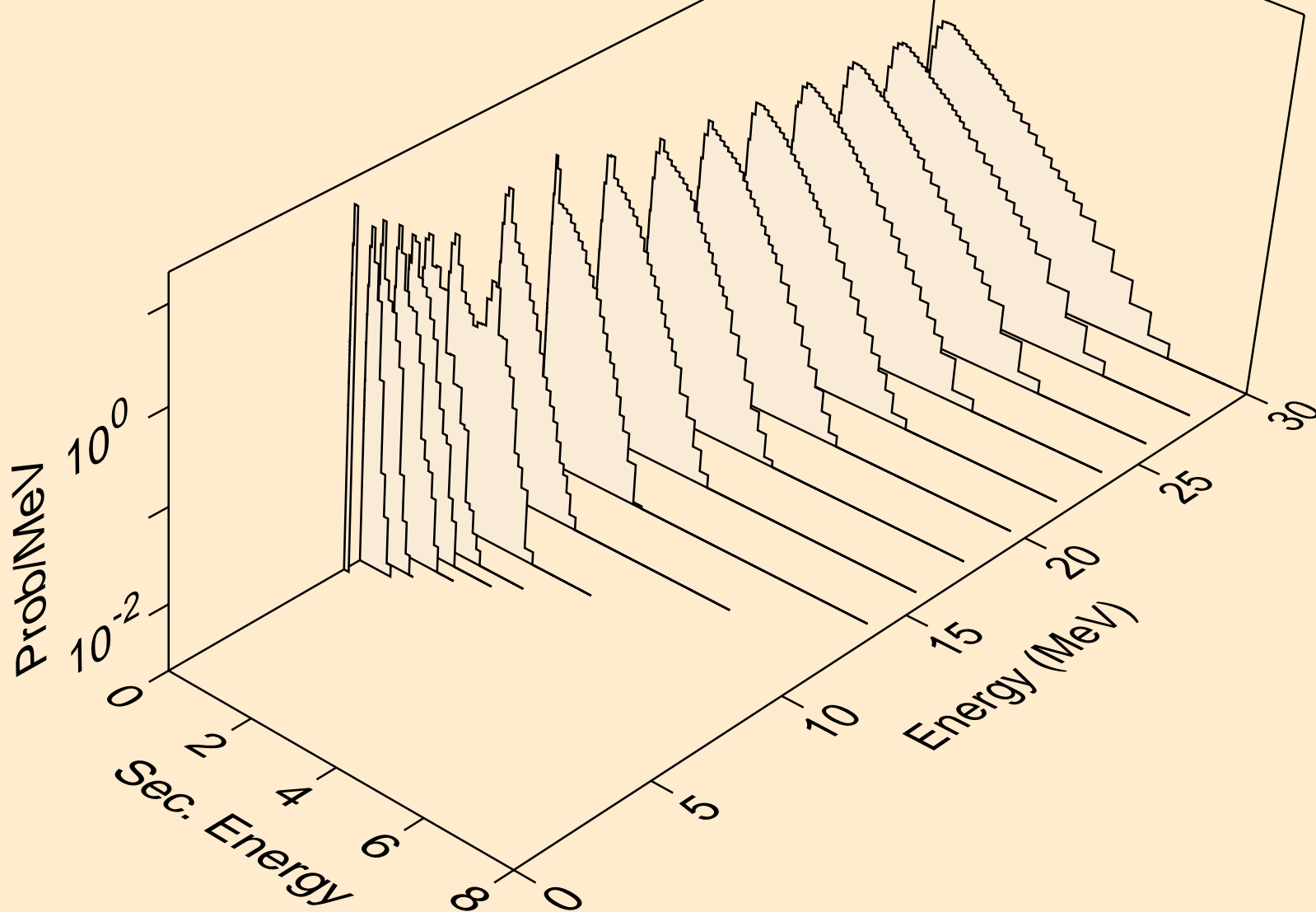




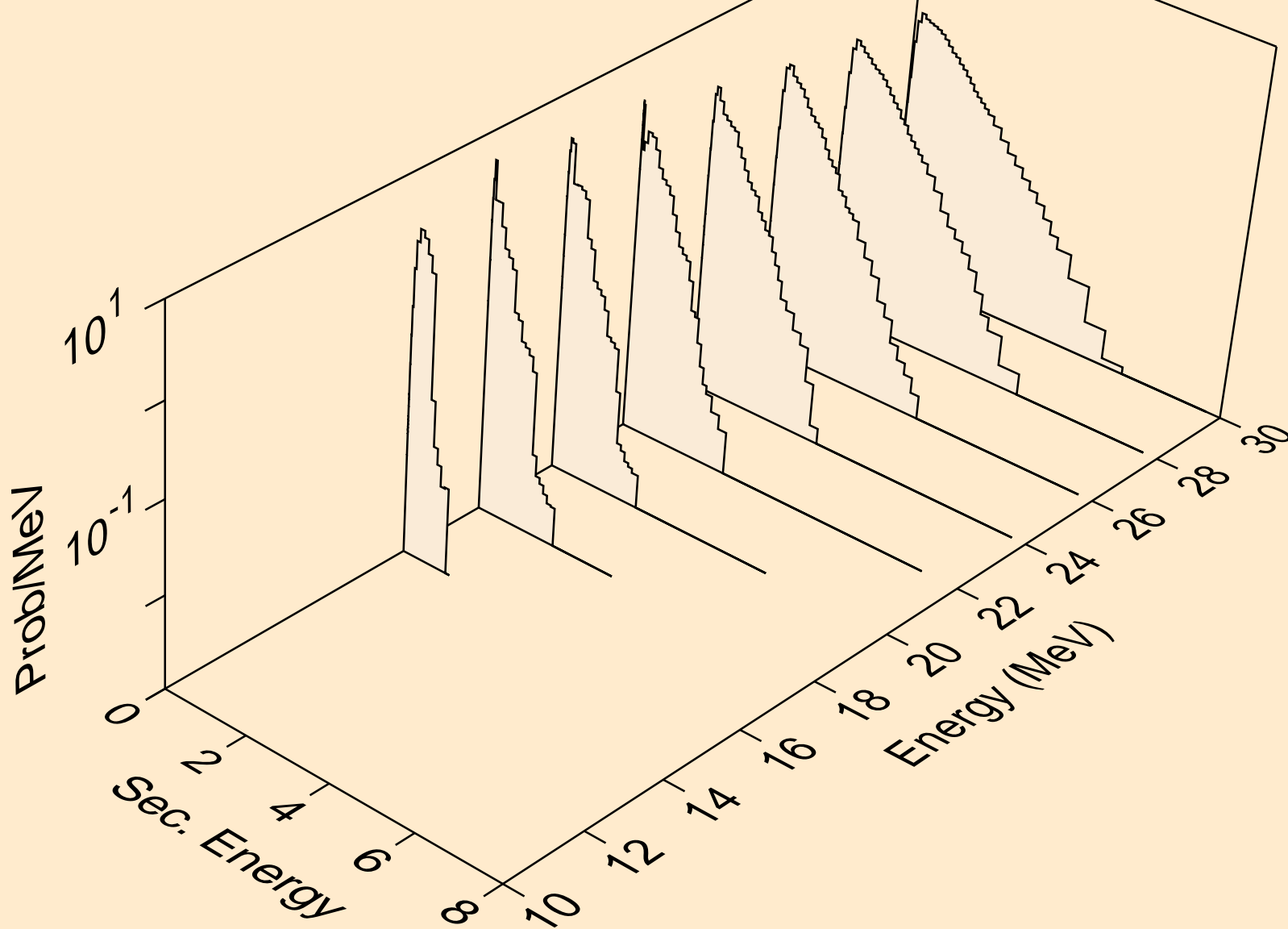
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



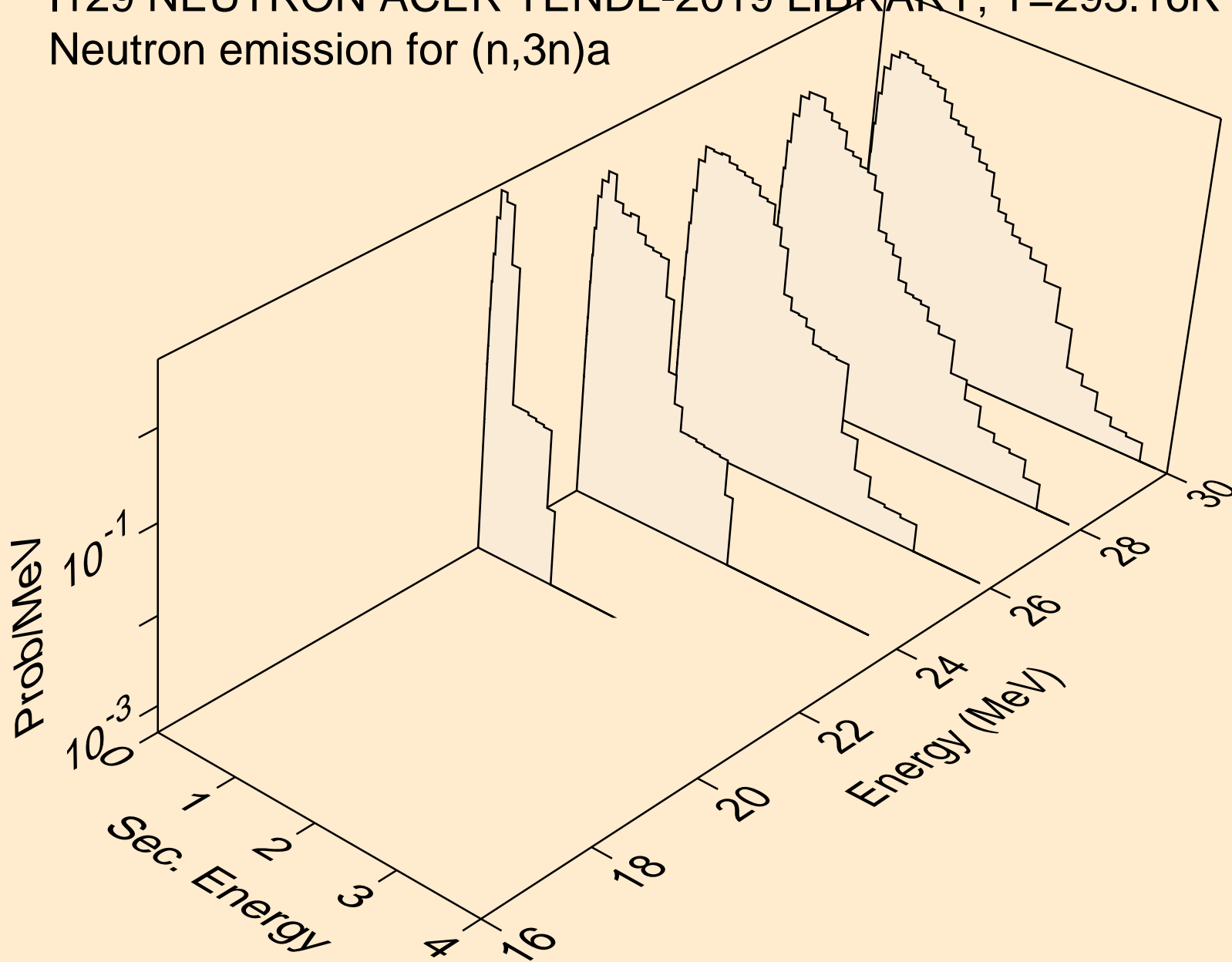
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



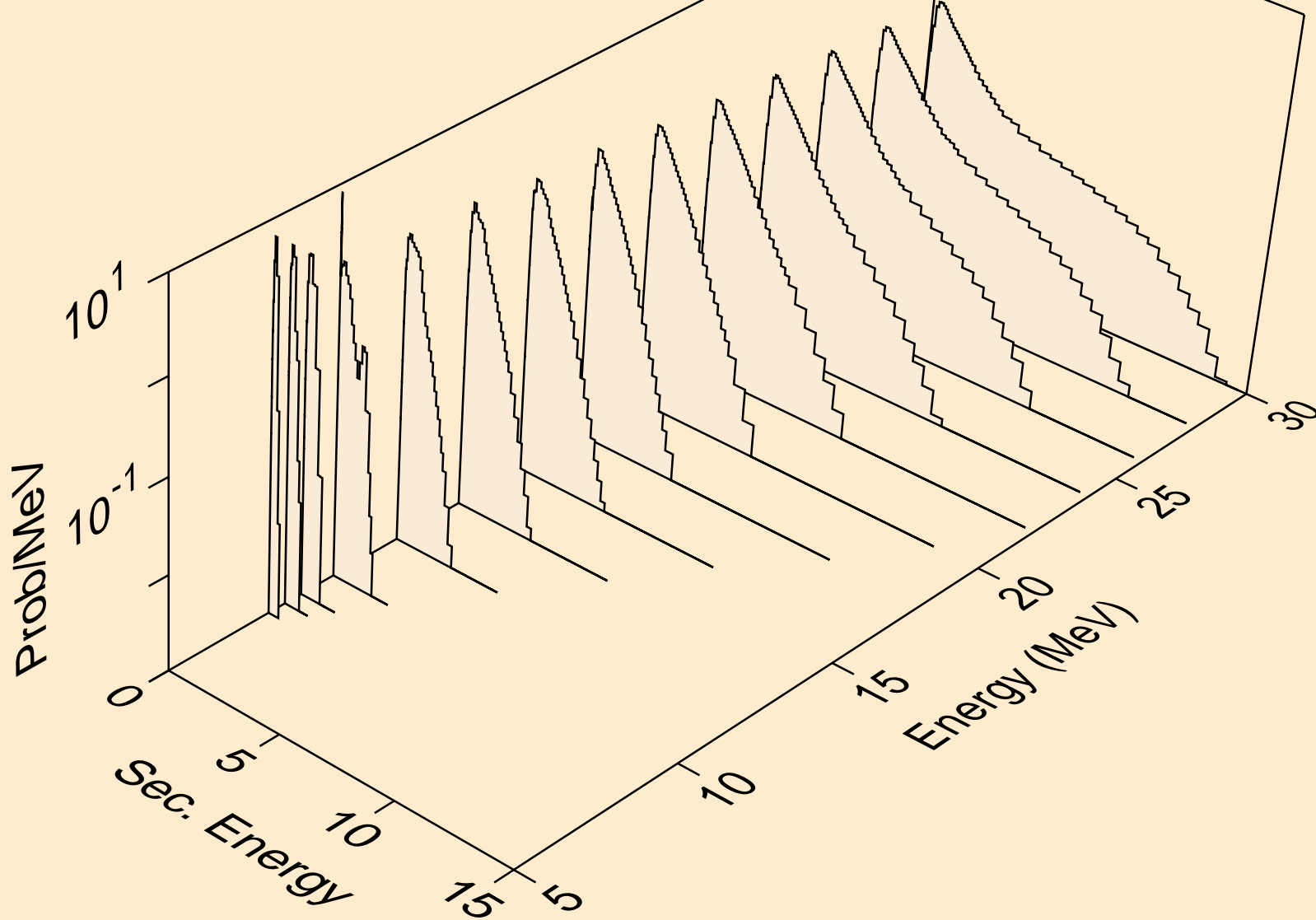
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



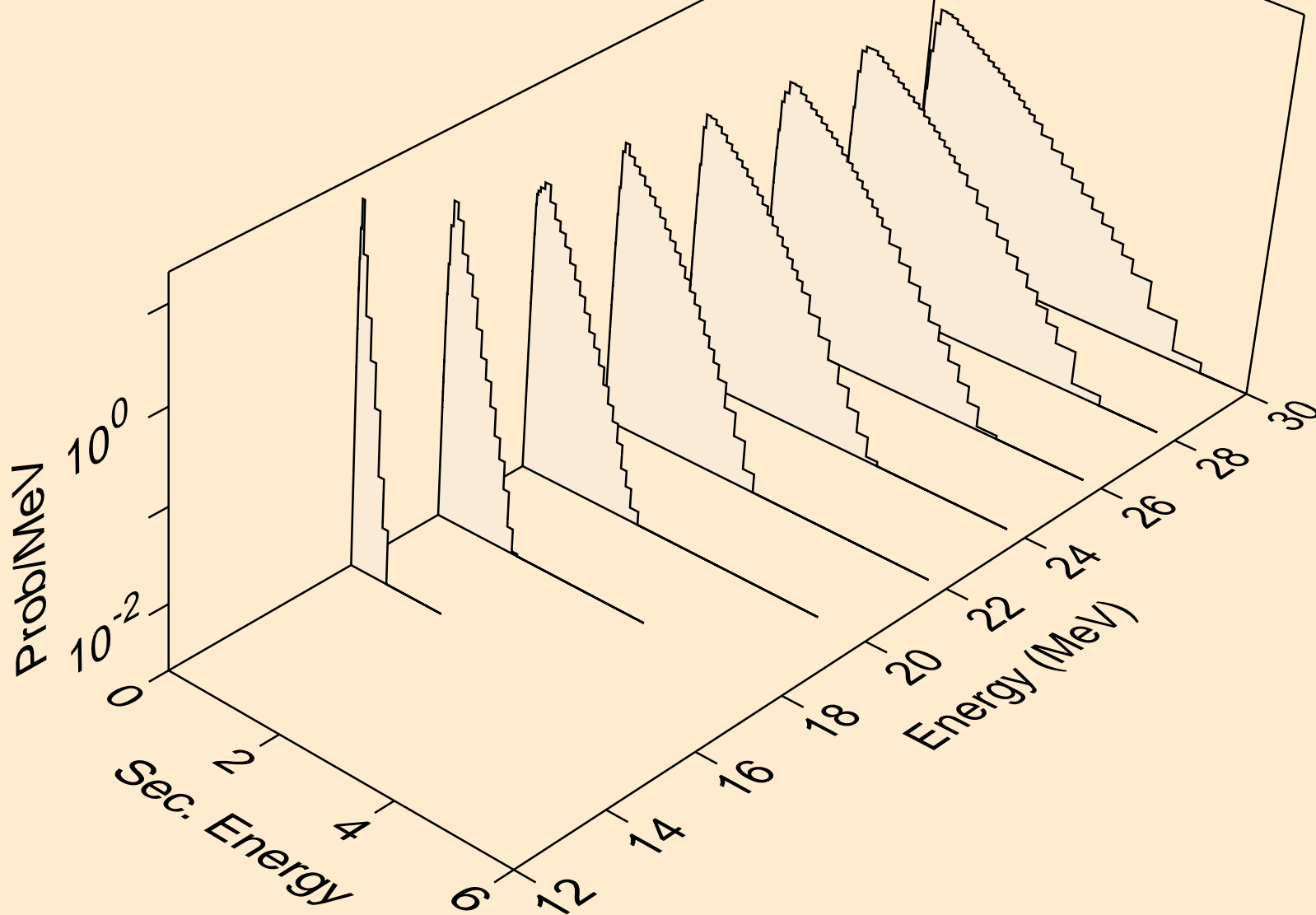
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



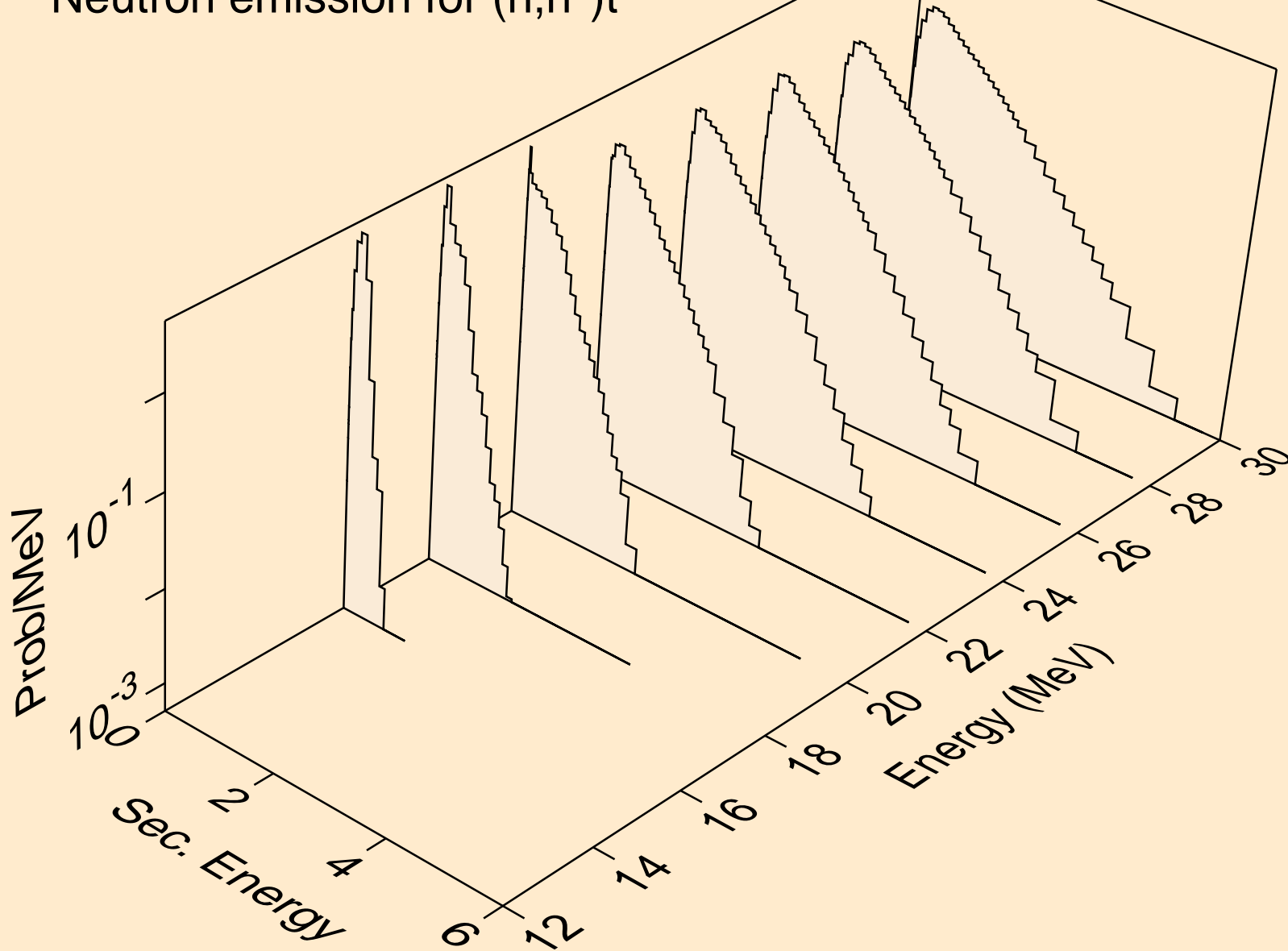
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



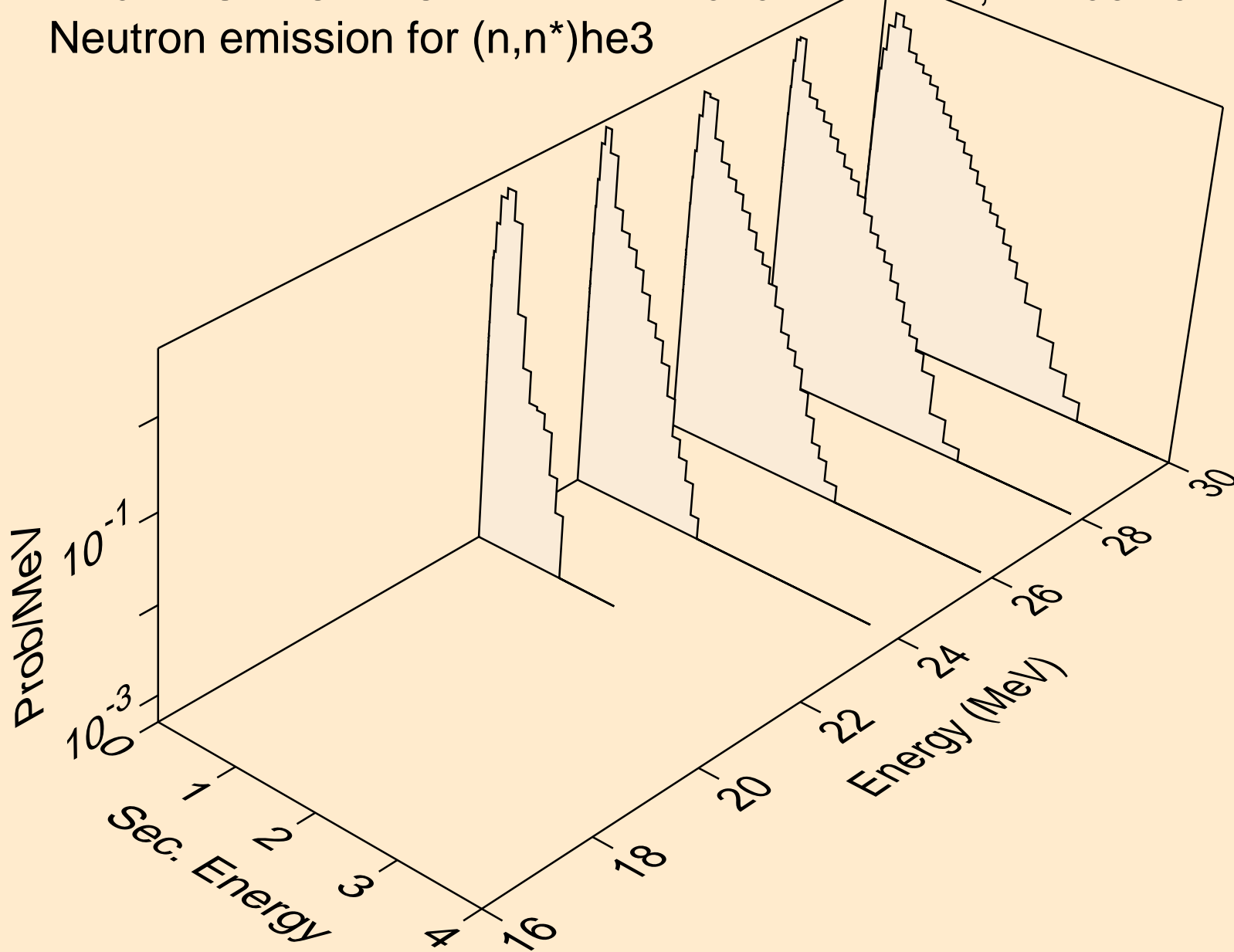
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t

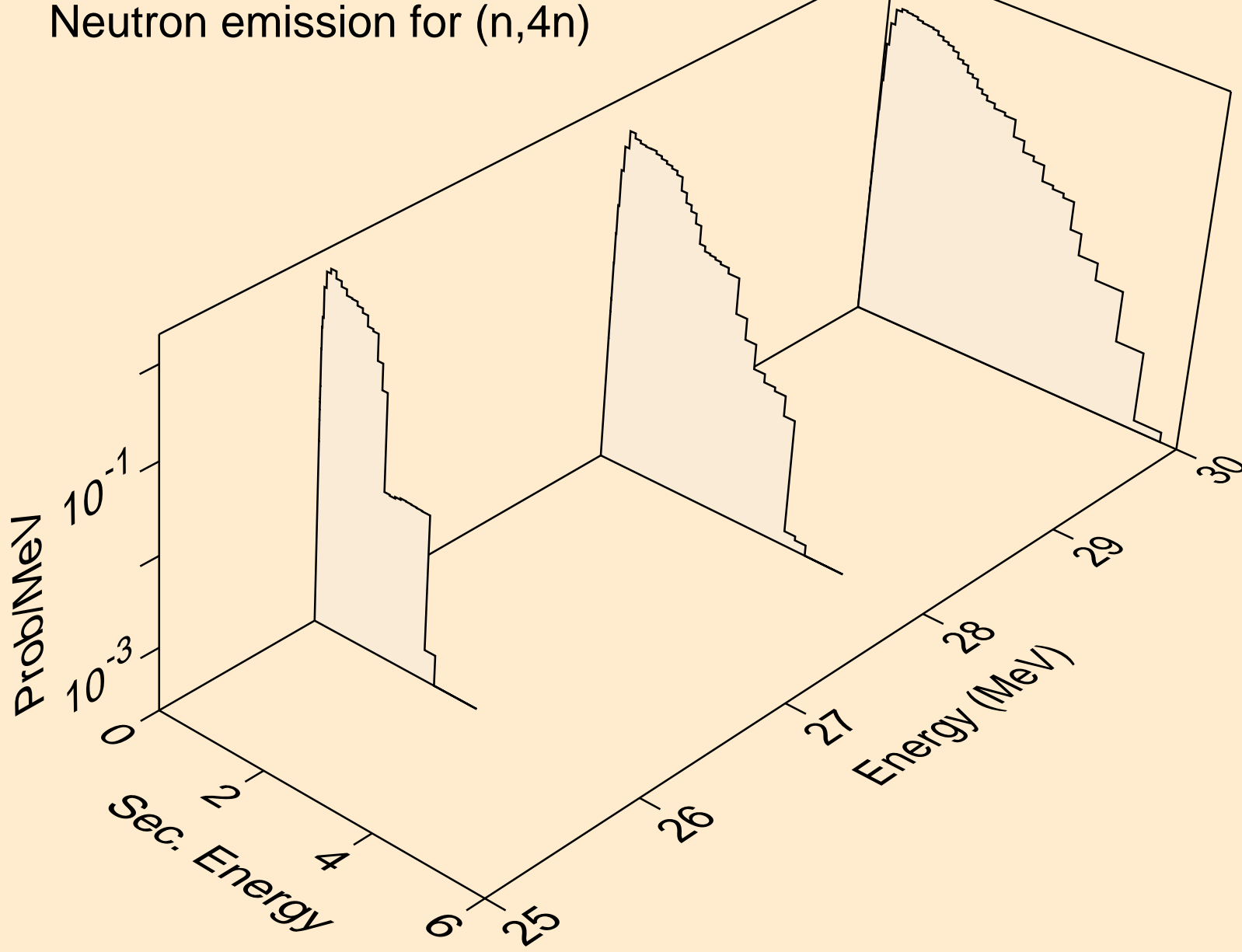


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3

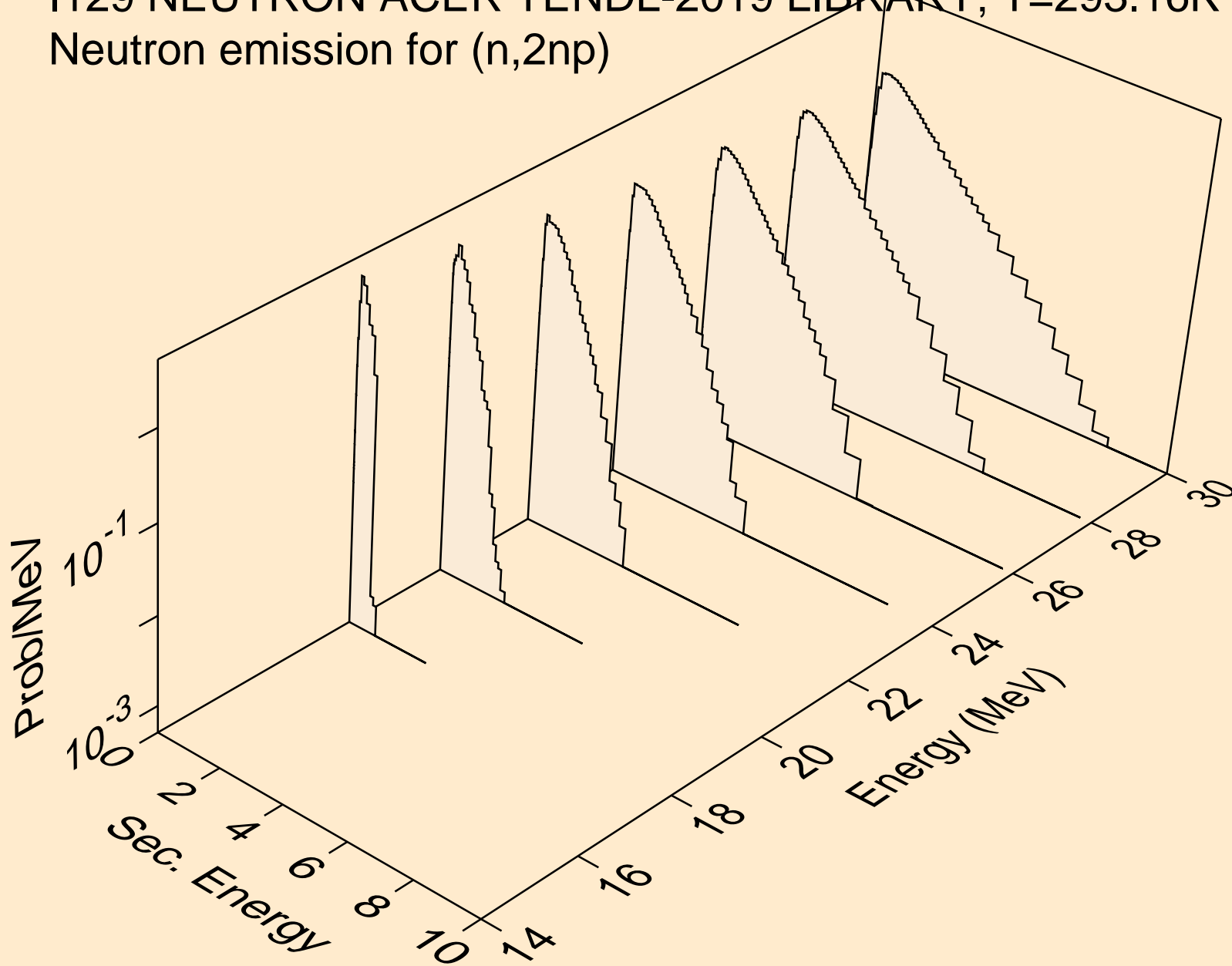




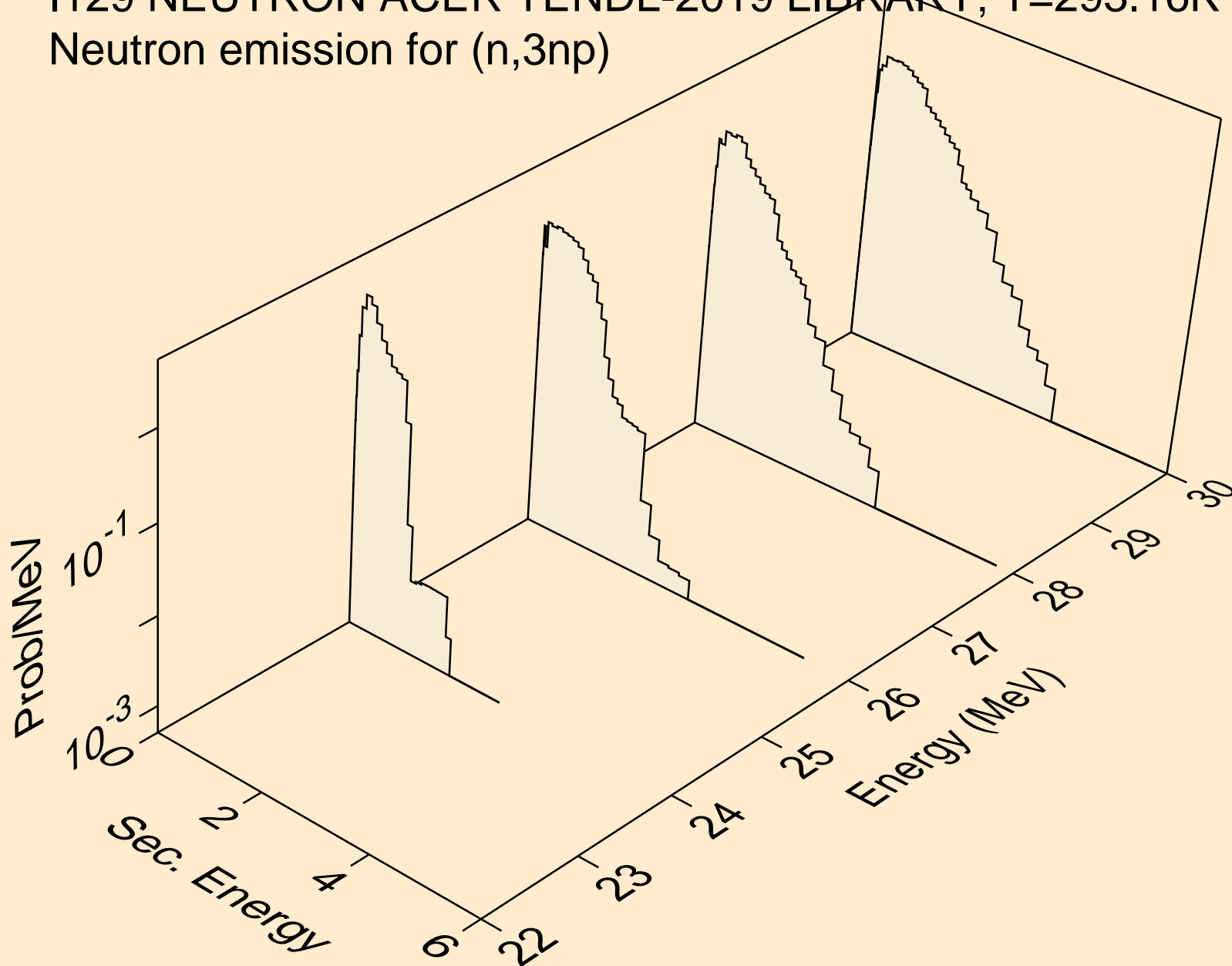
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



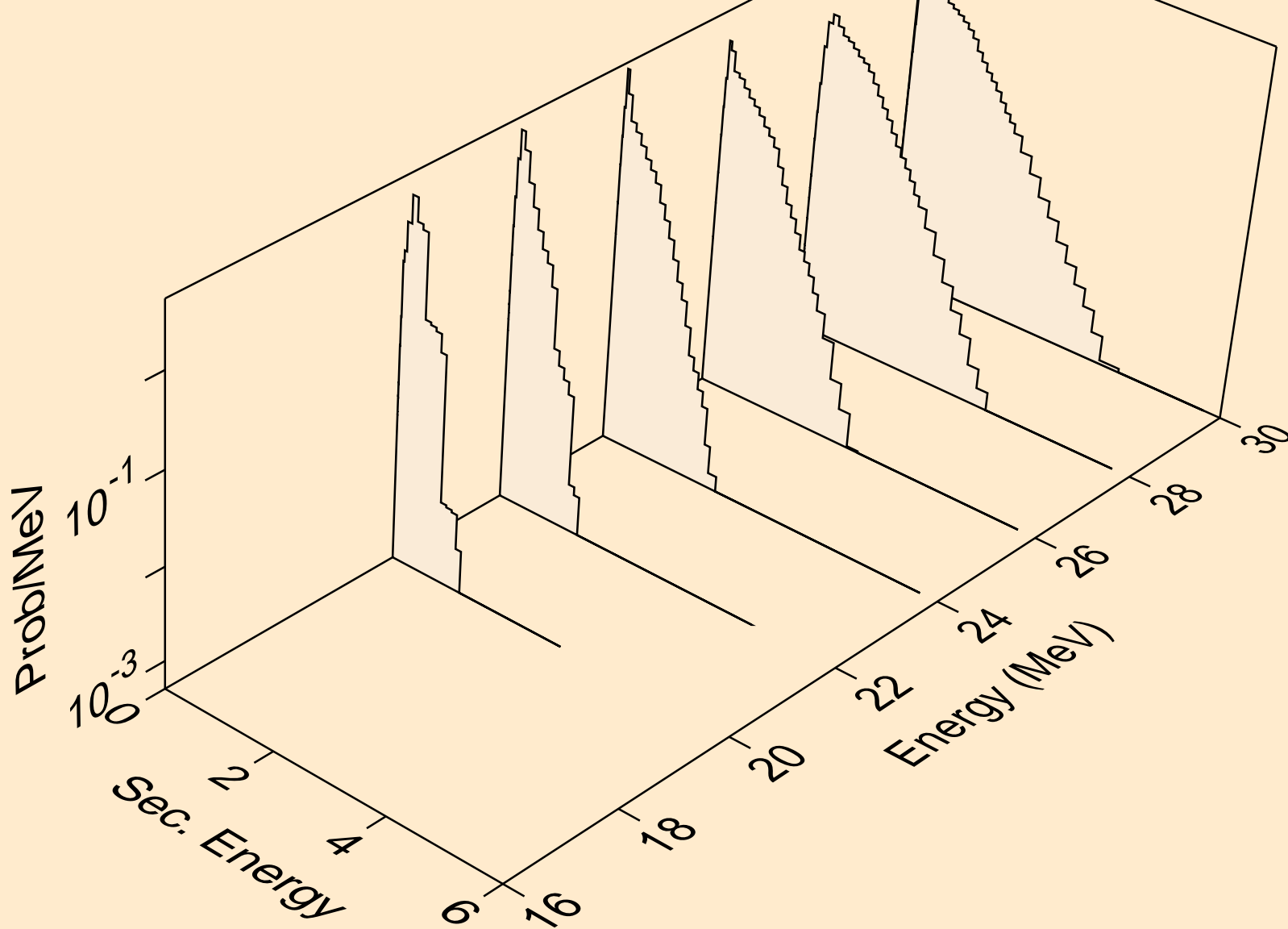
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



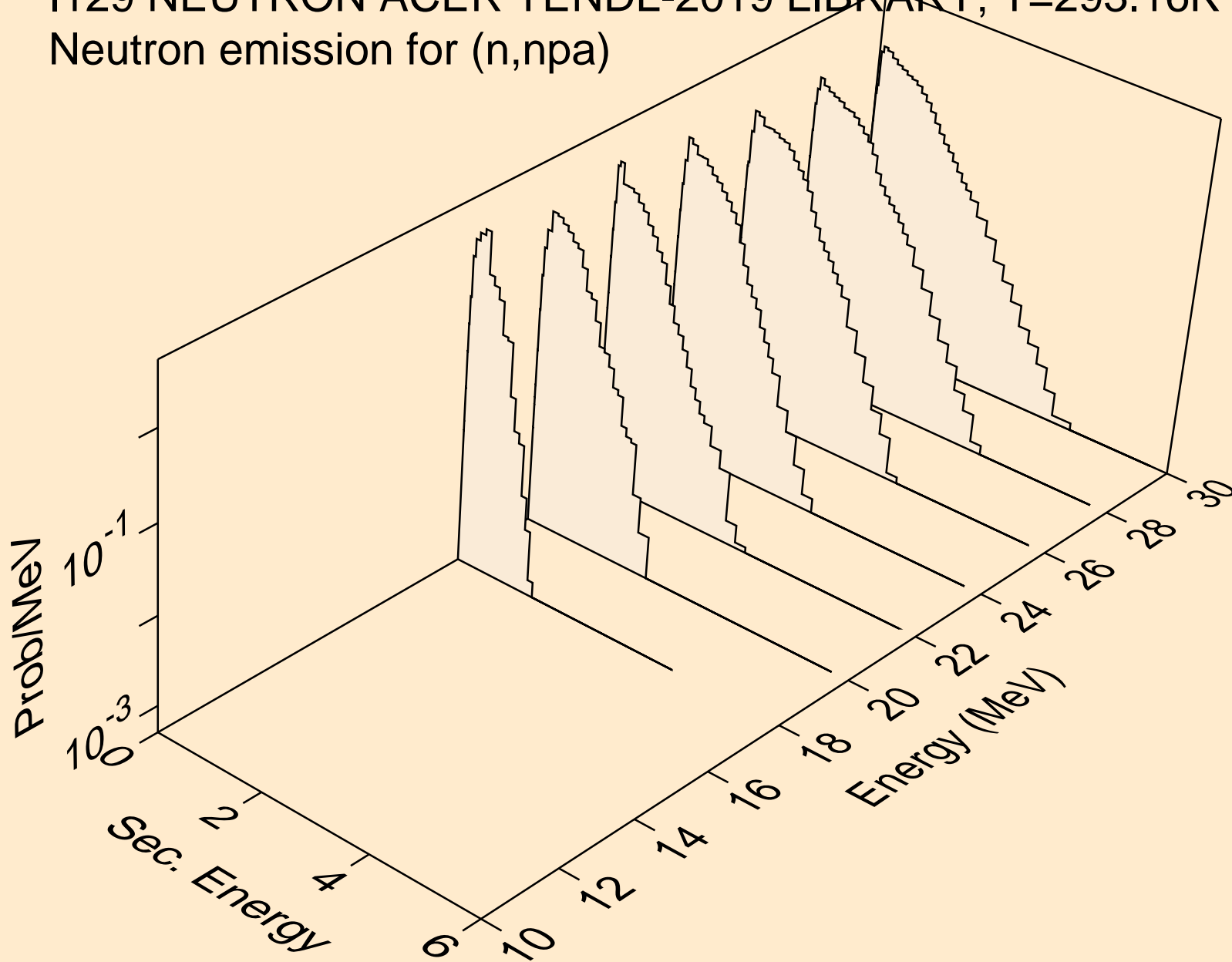
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



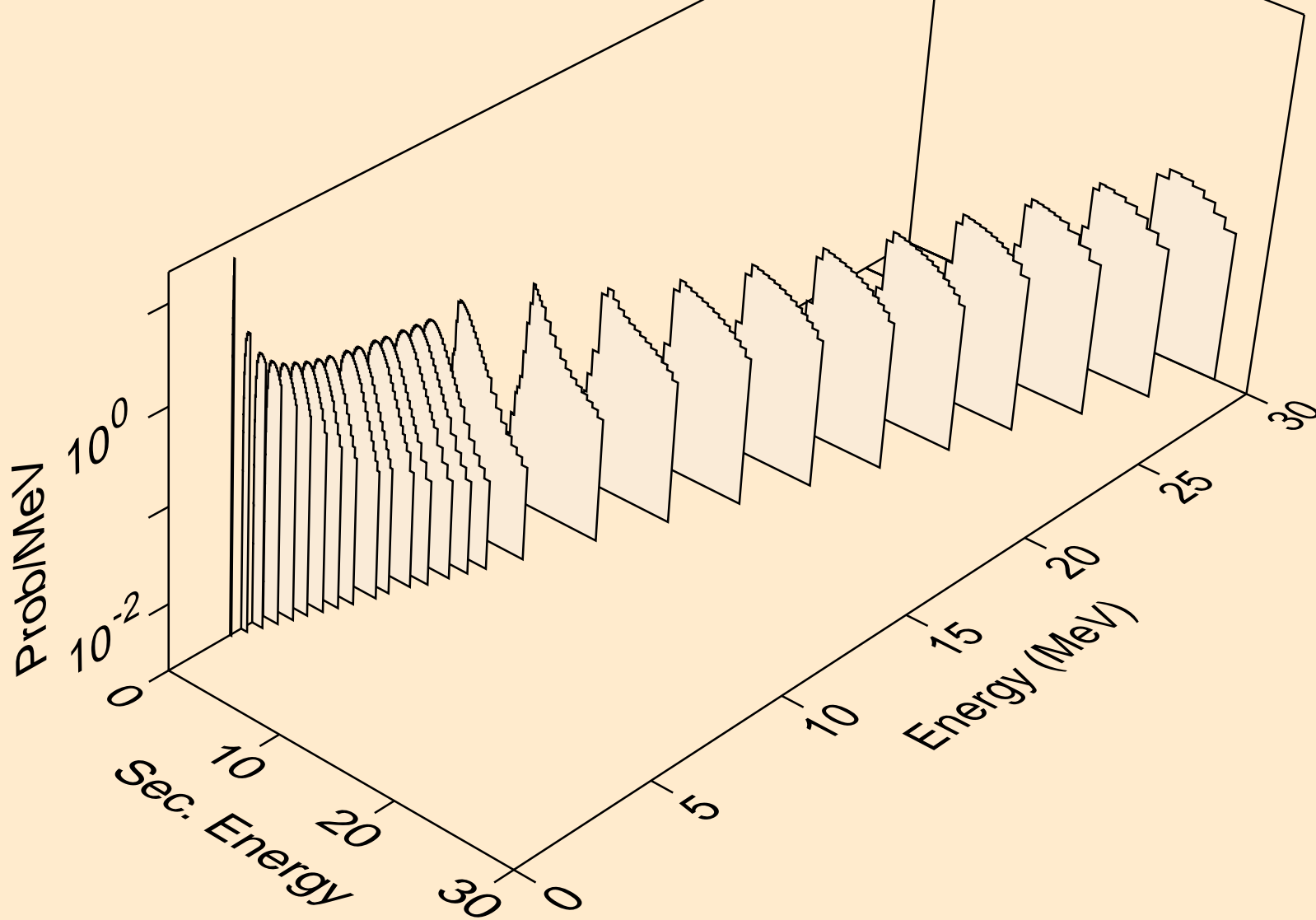
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



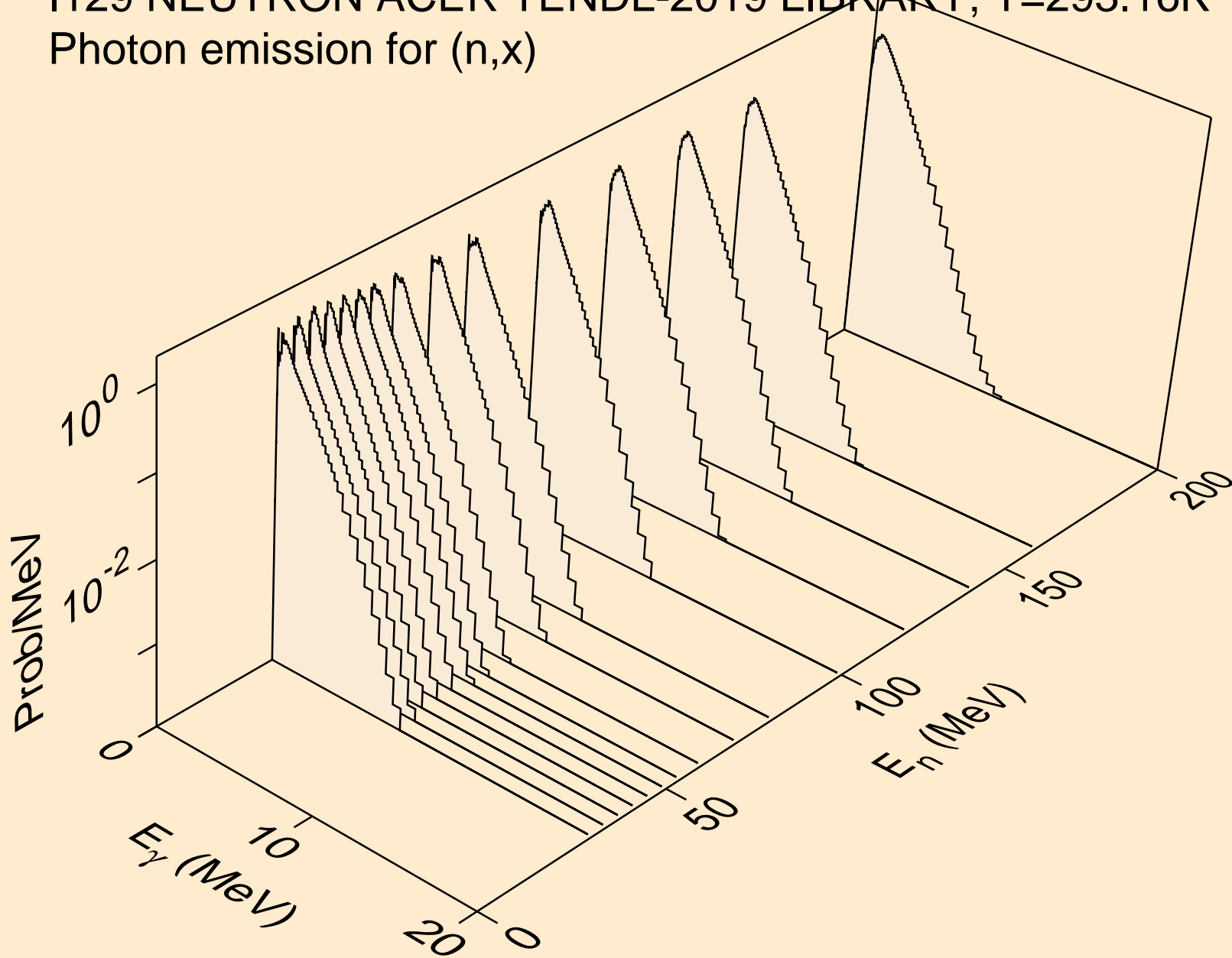
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



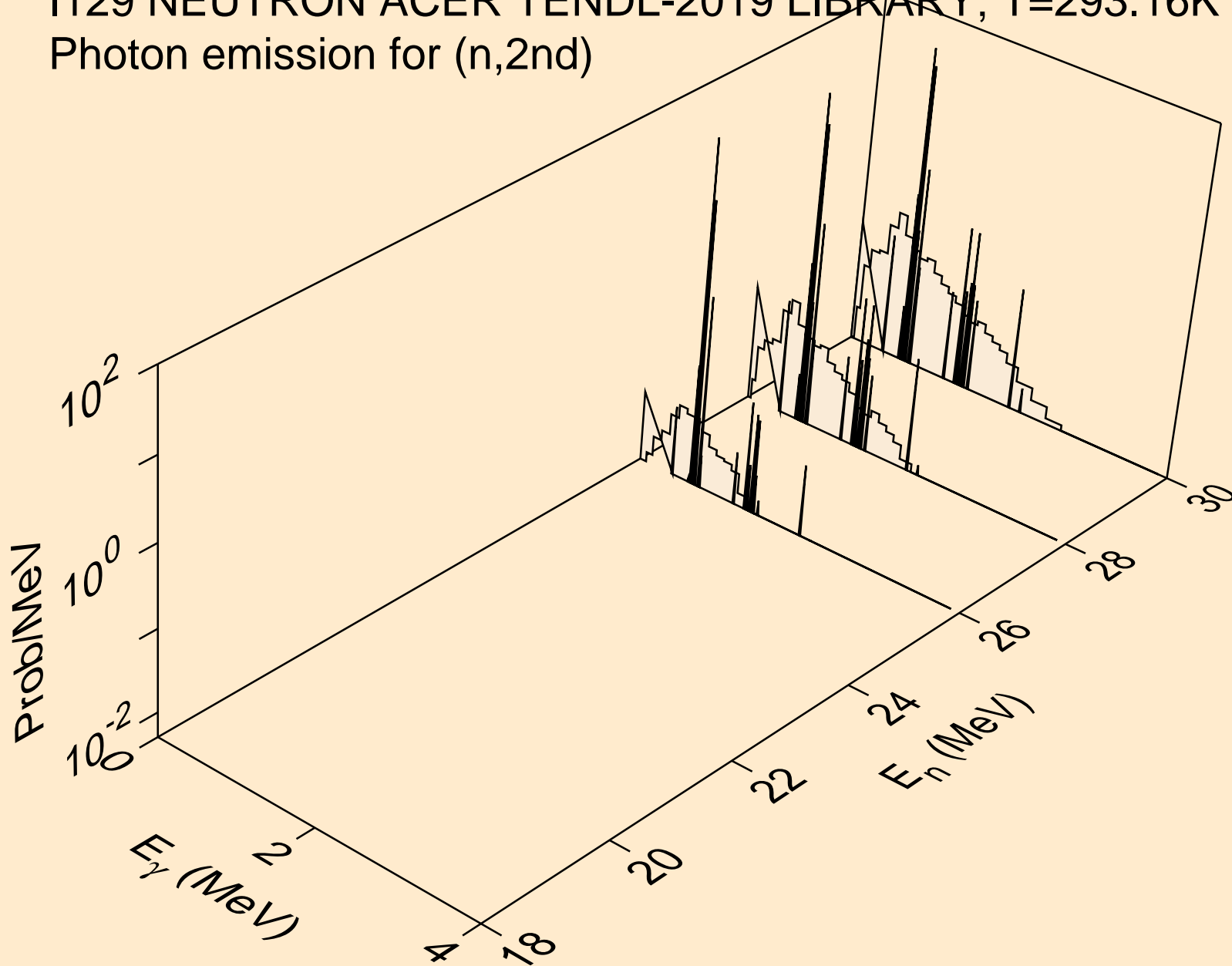
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)

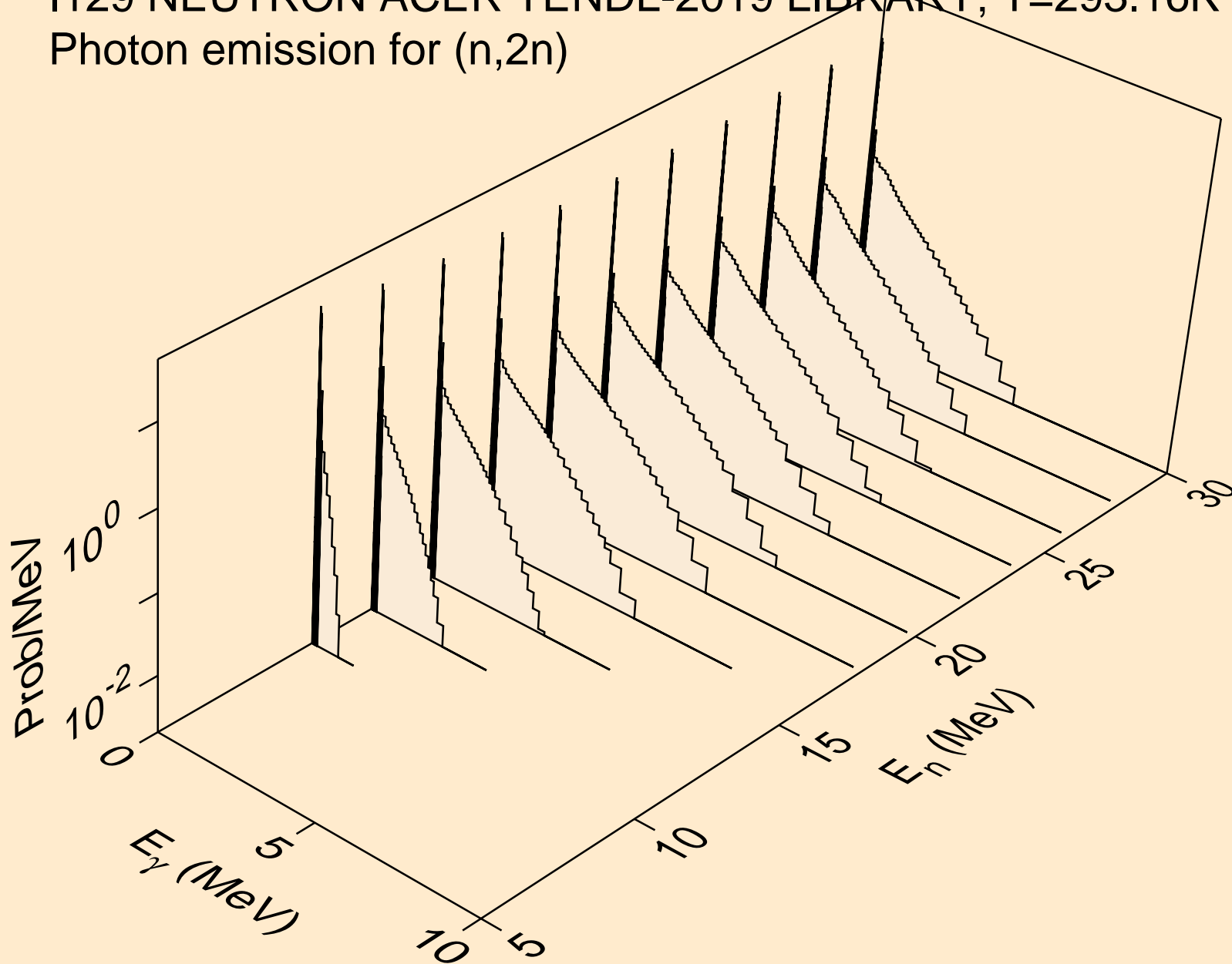


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)

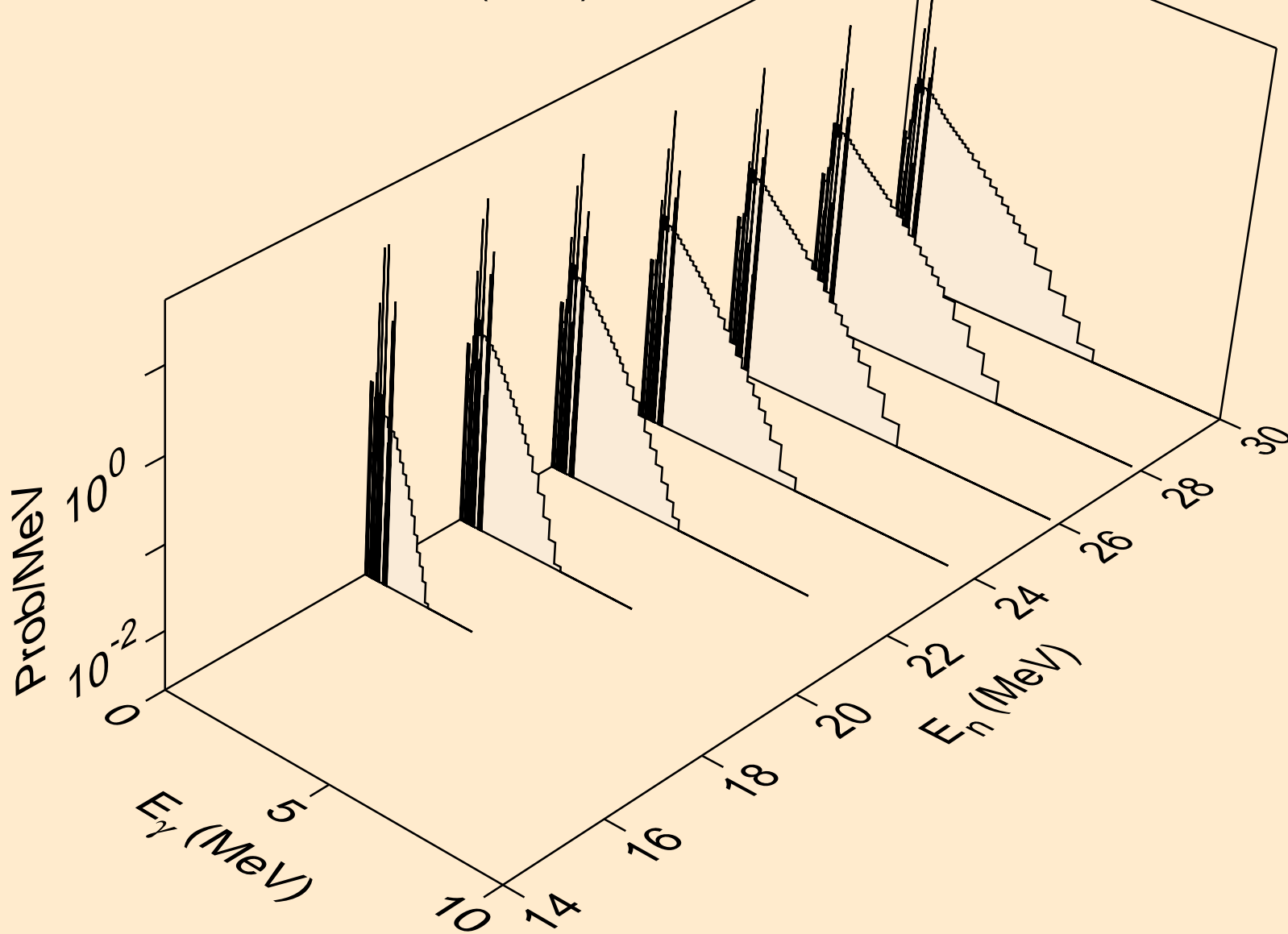




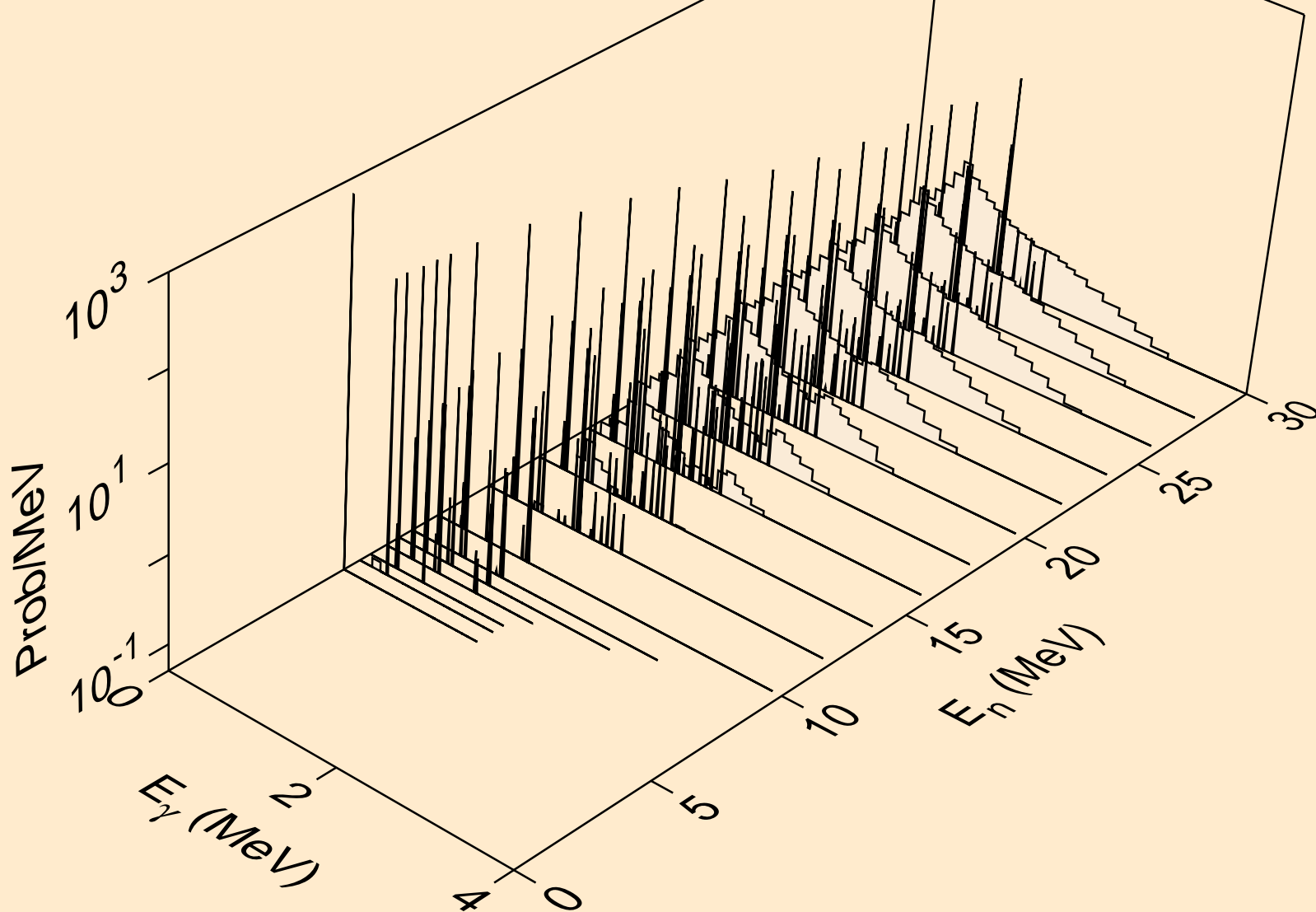
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



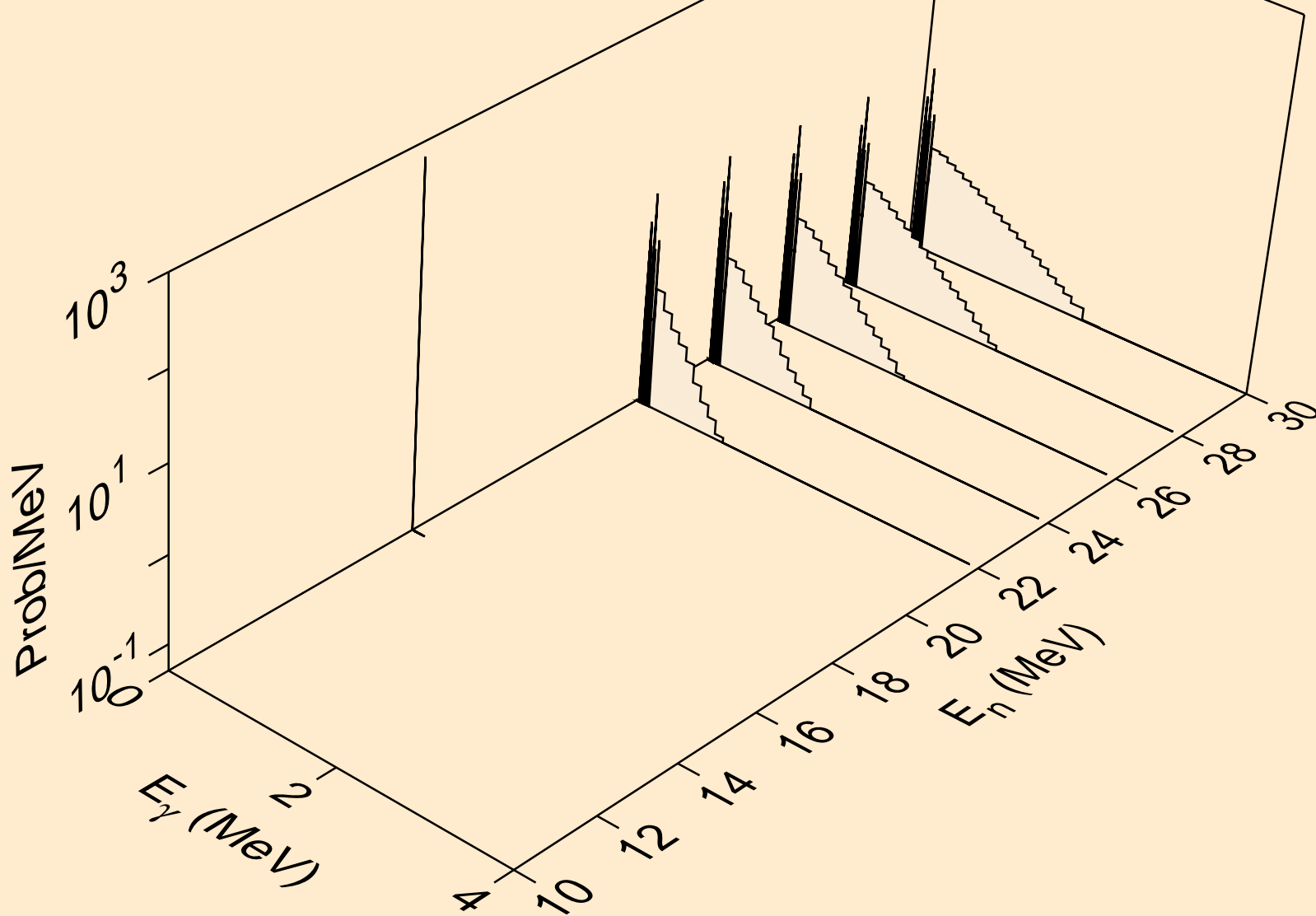
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



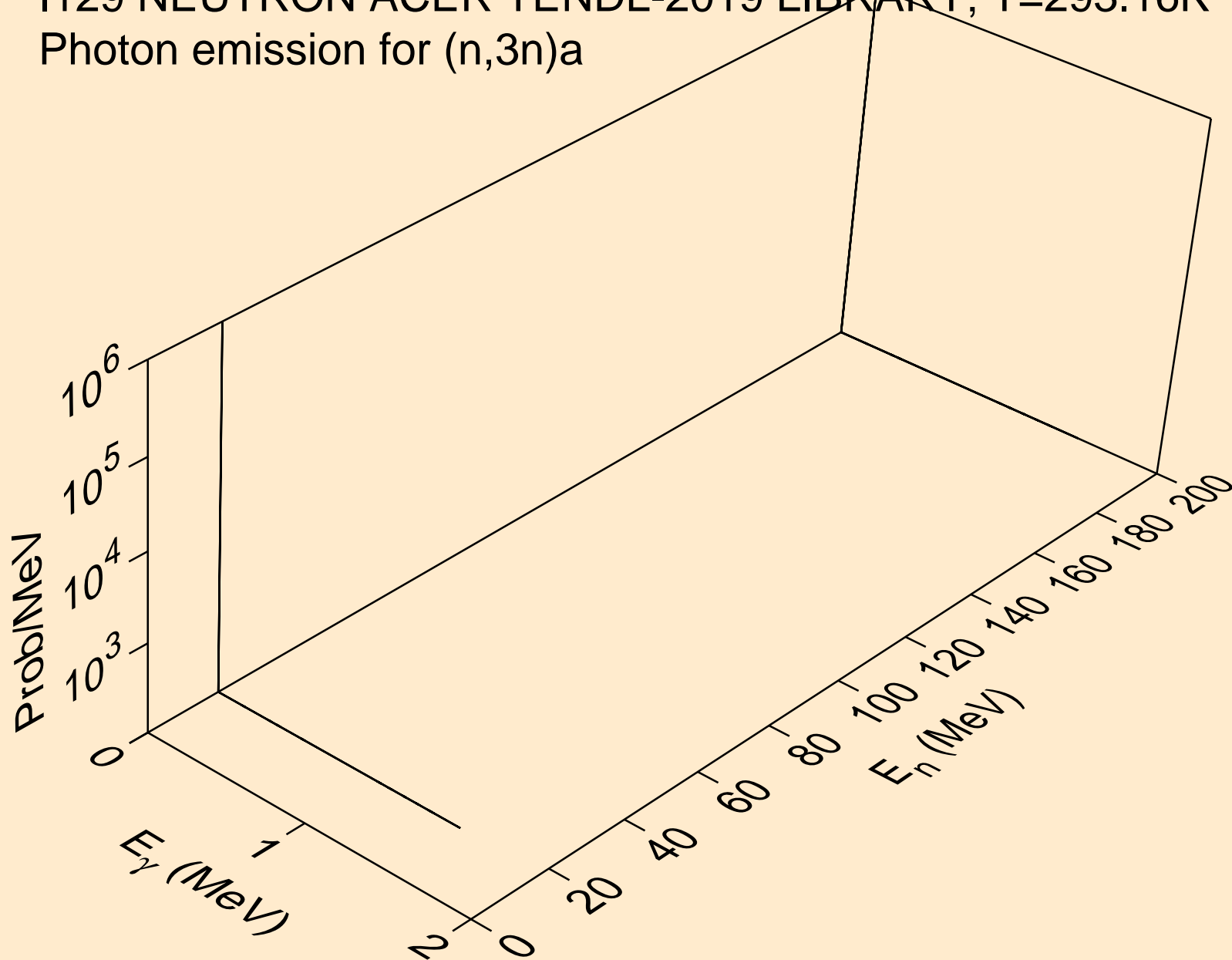
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



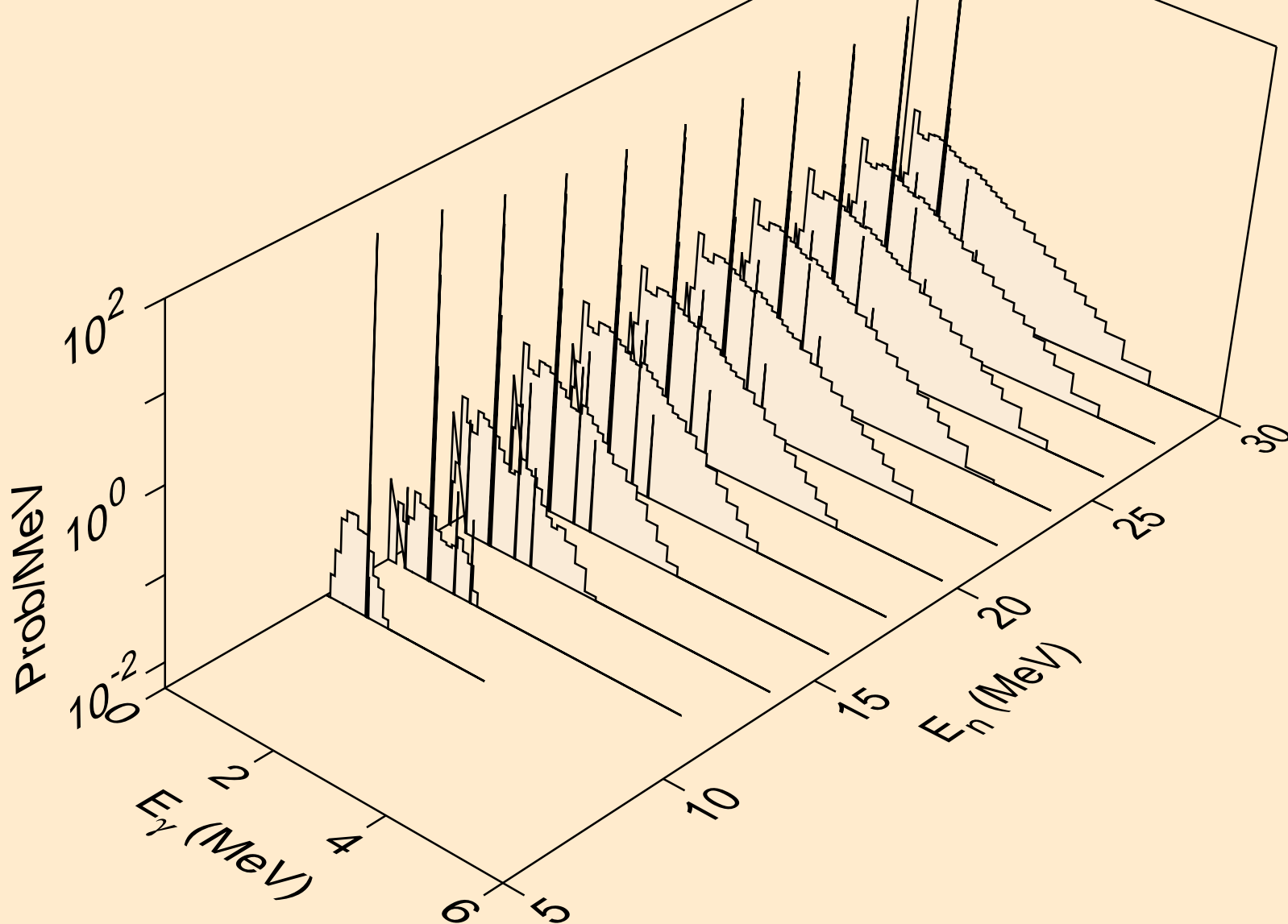
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



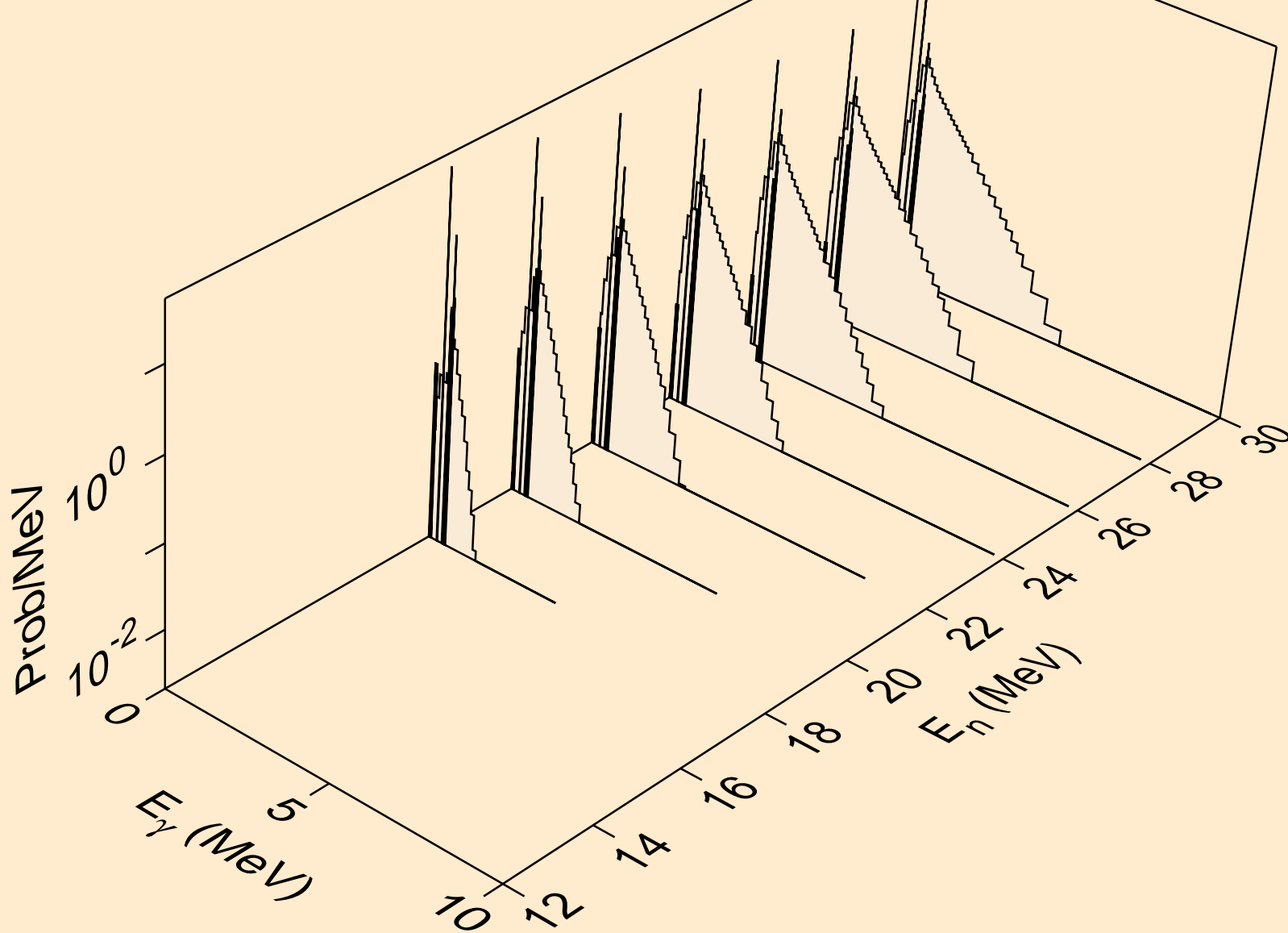
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



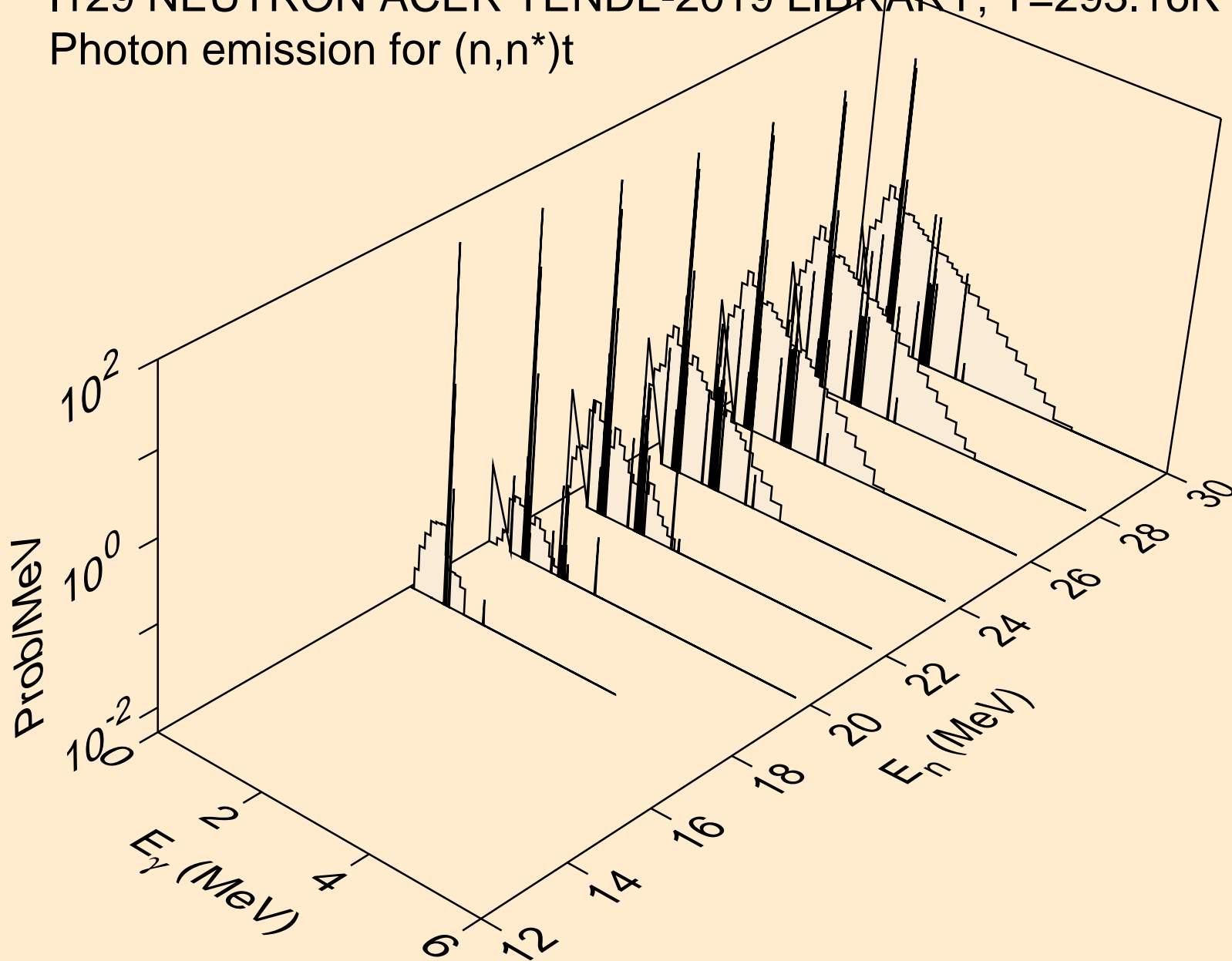
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d

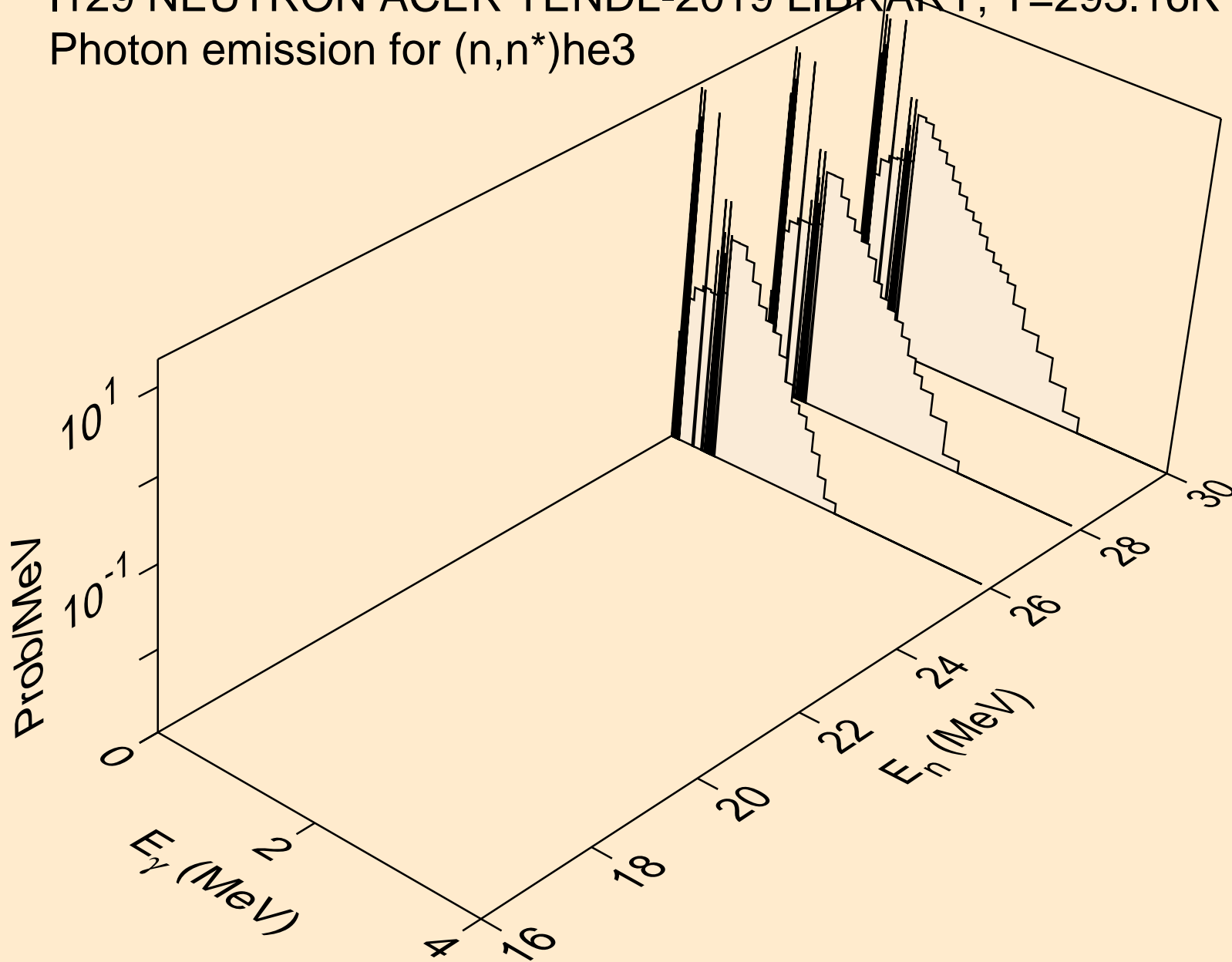


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t

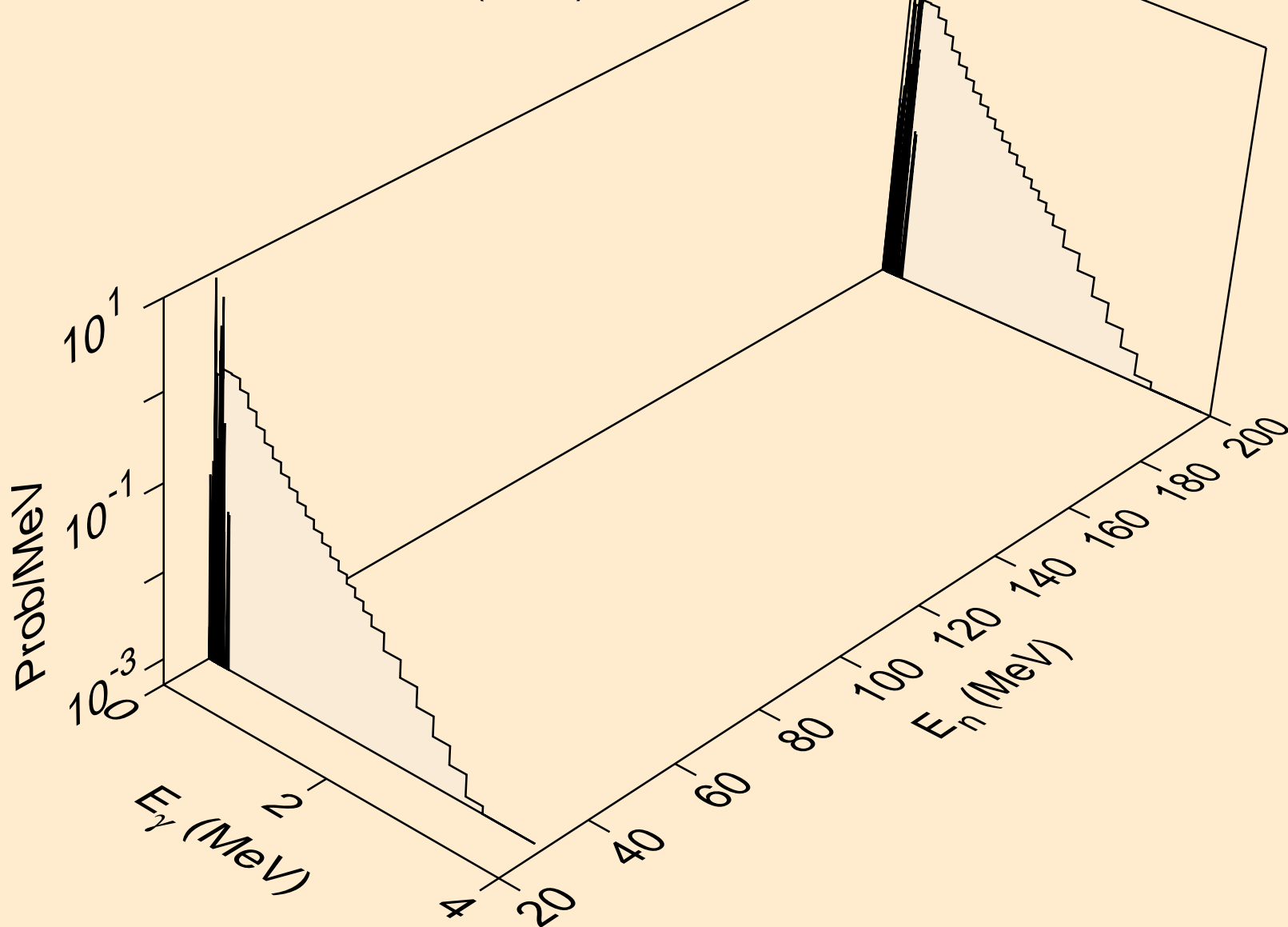




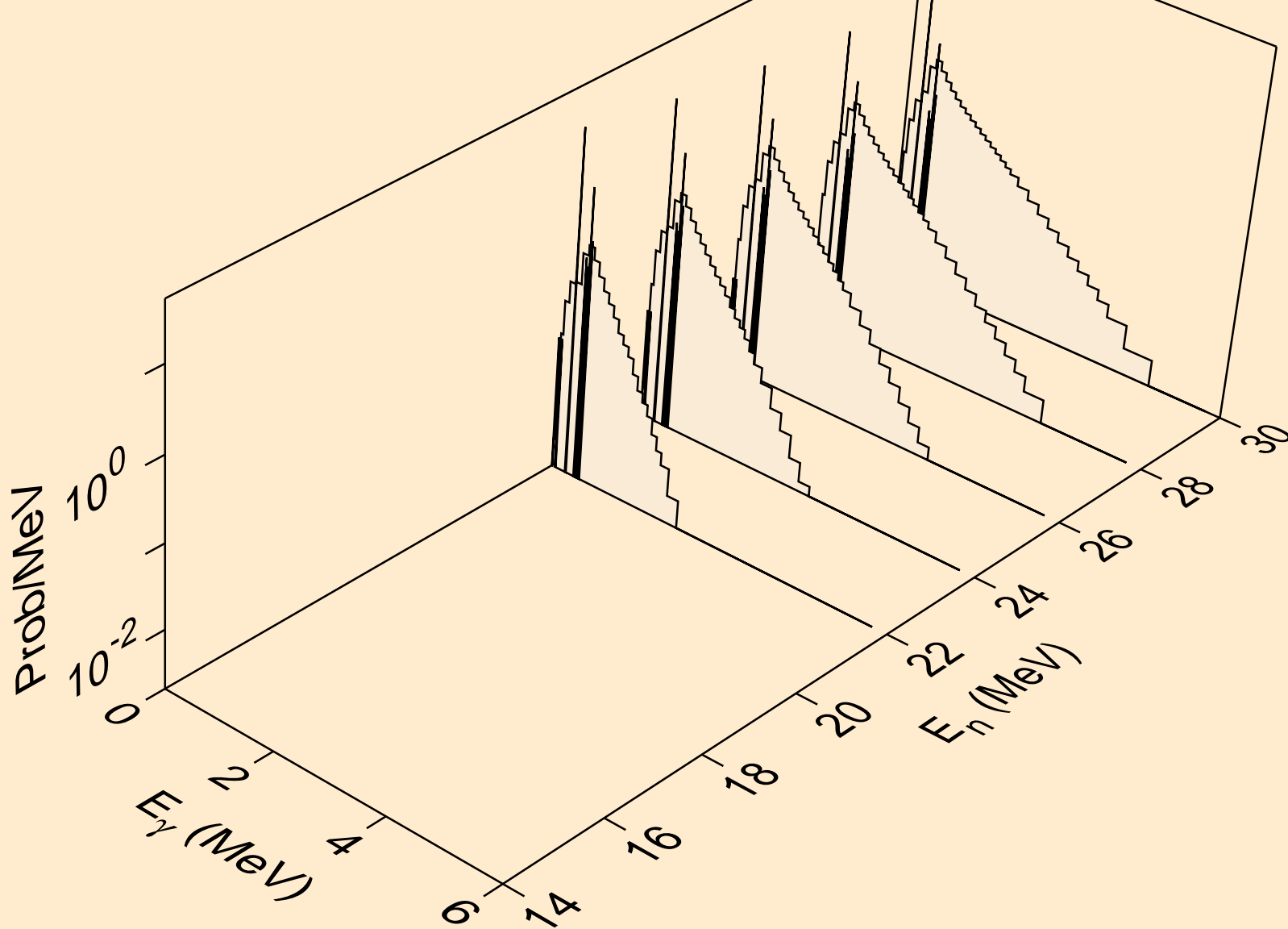
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



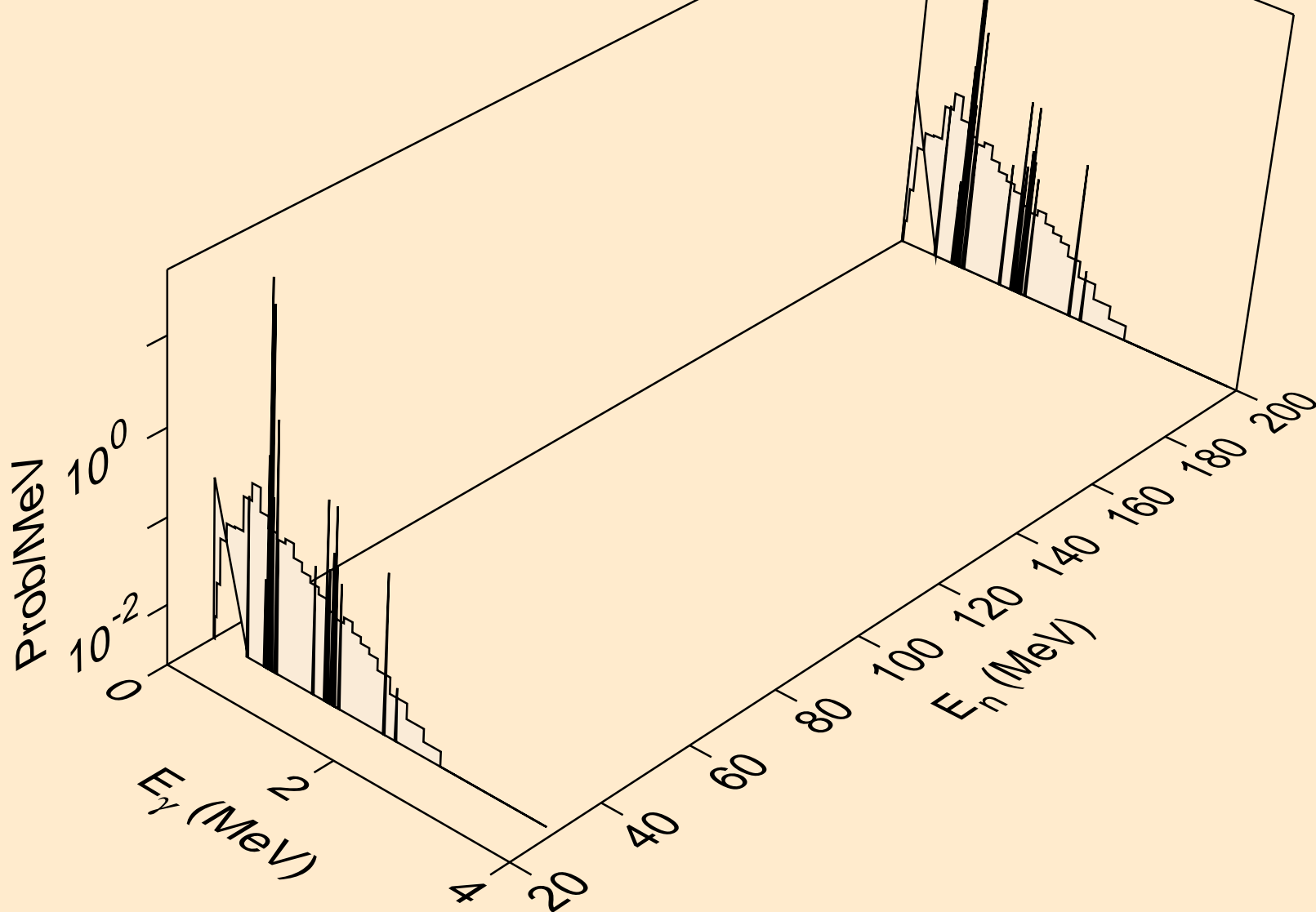
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



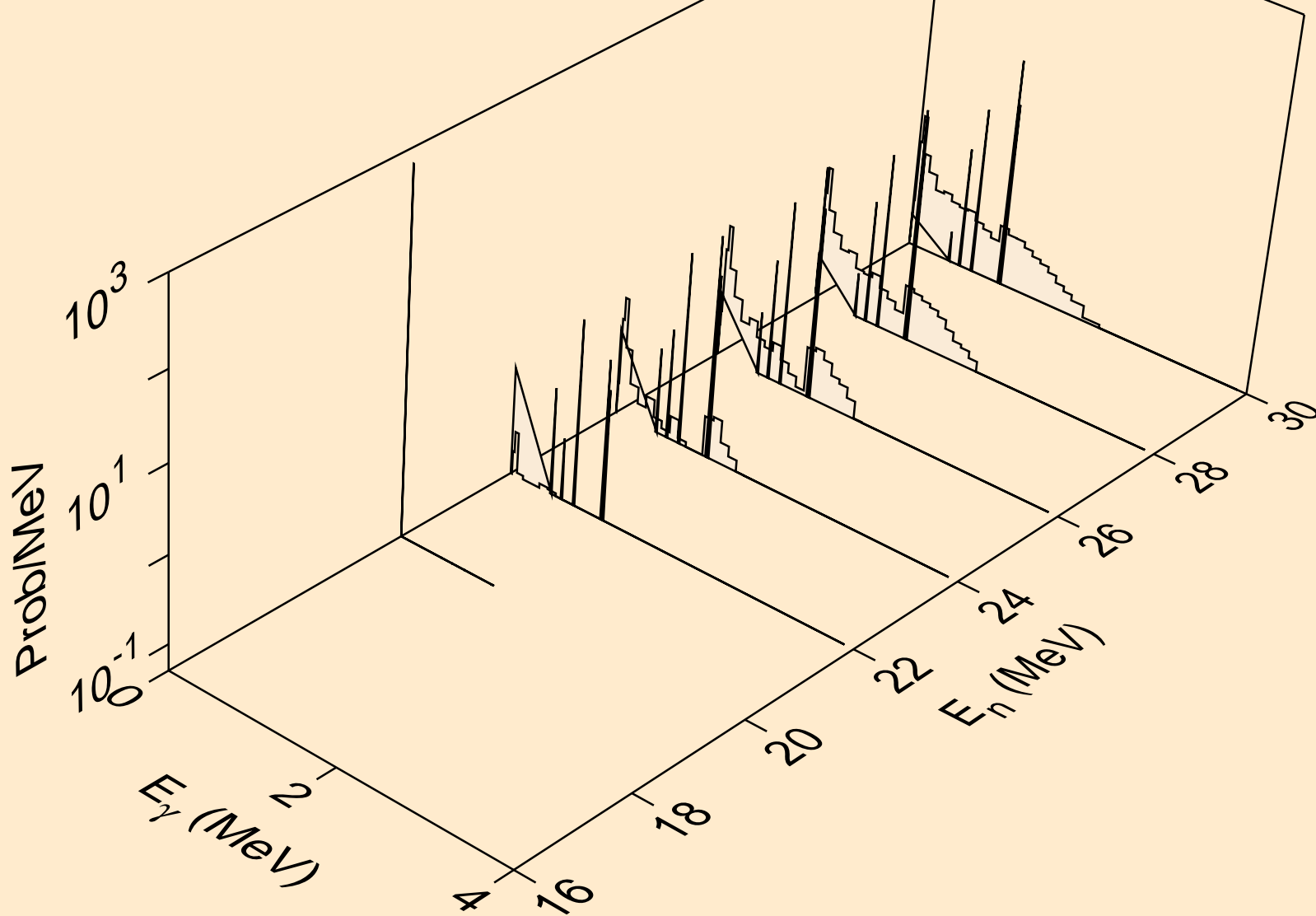
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



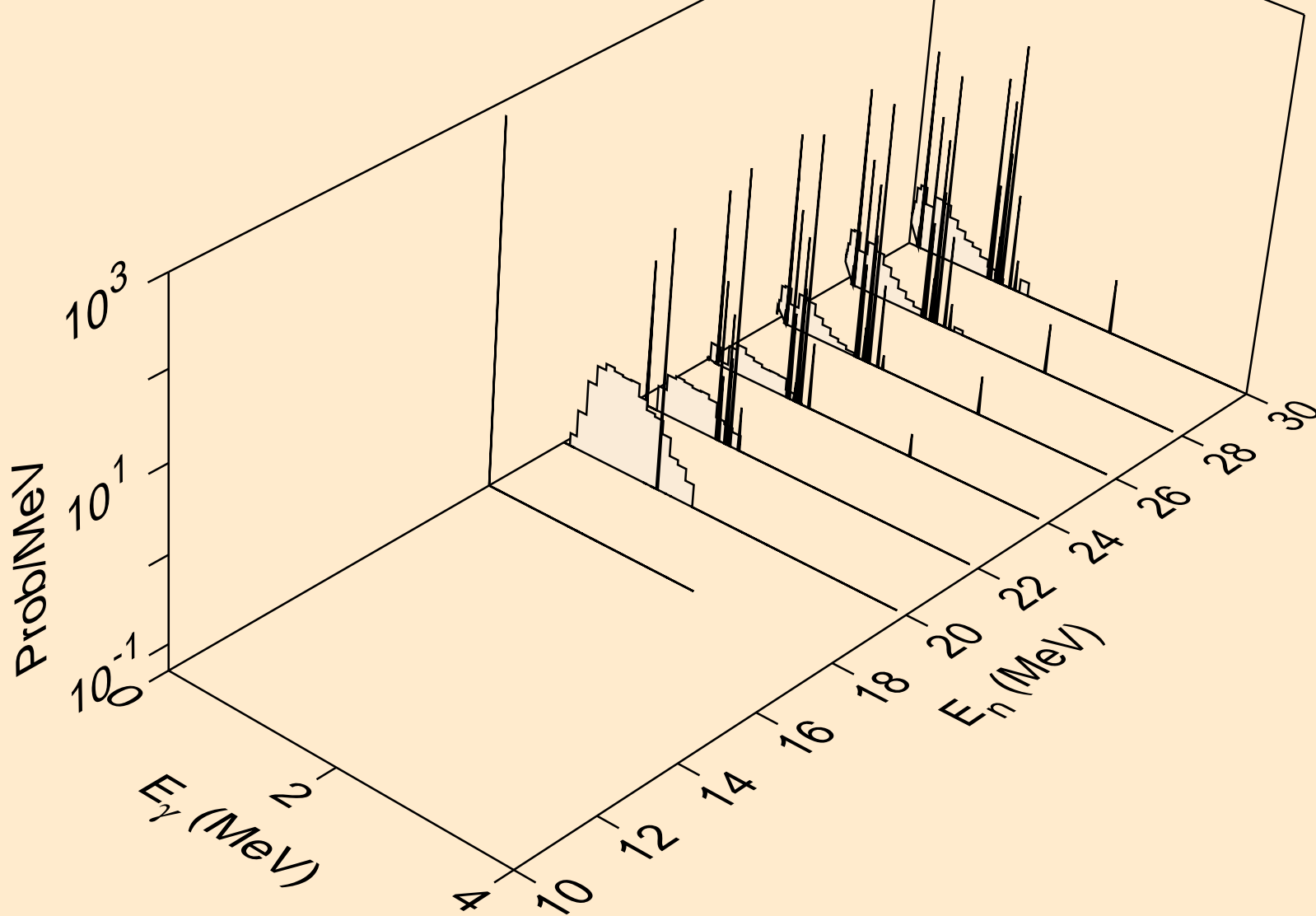
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



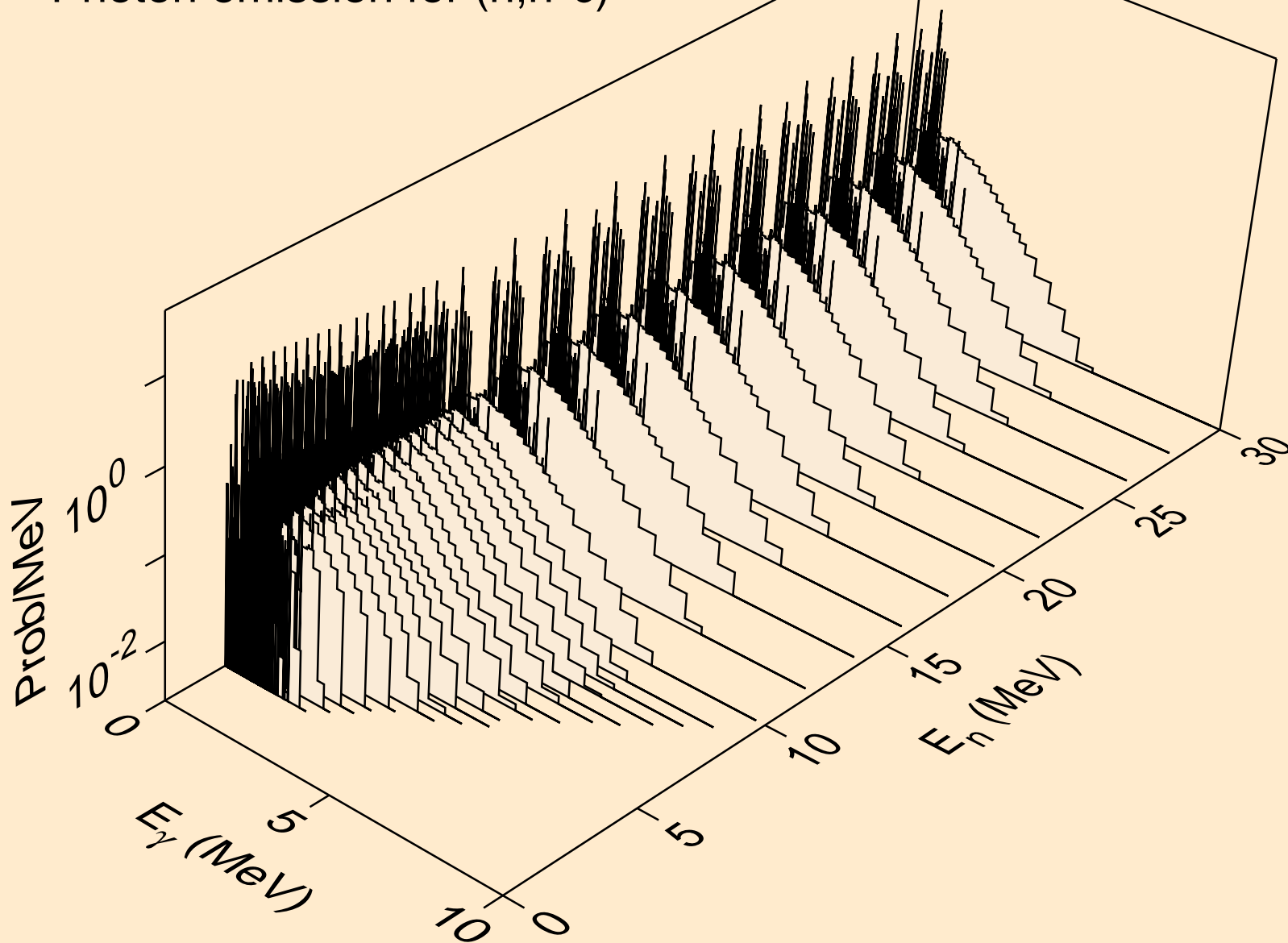
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



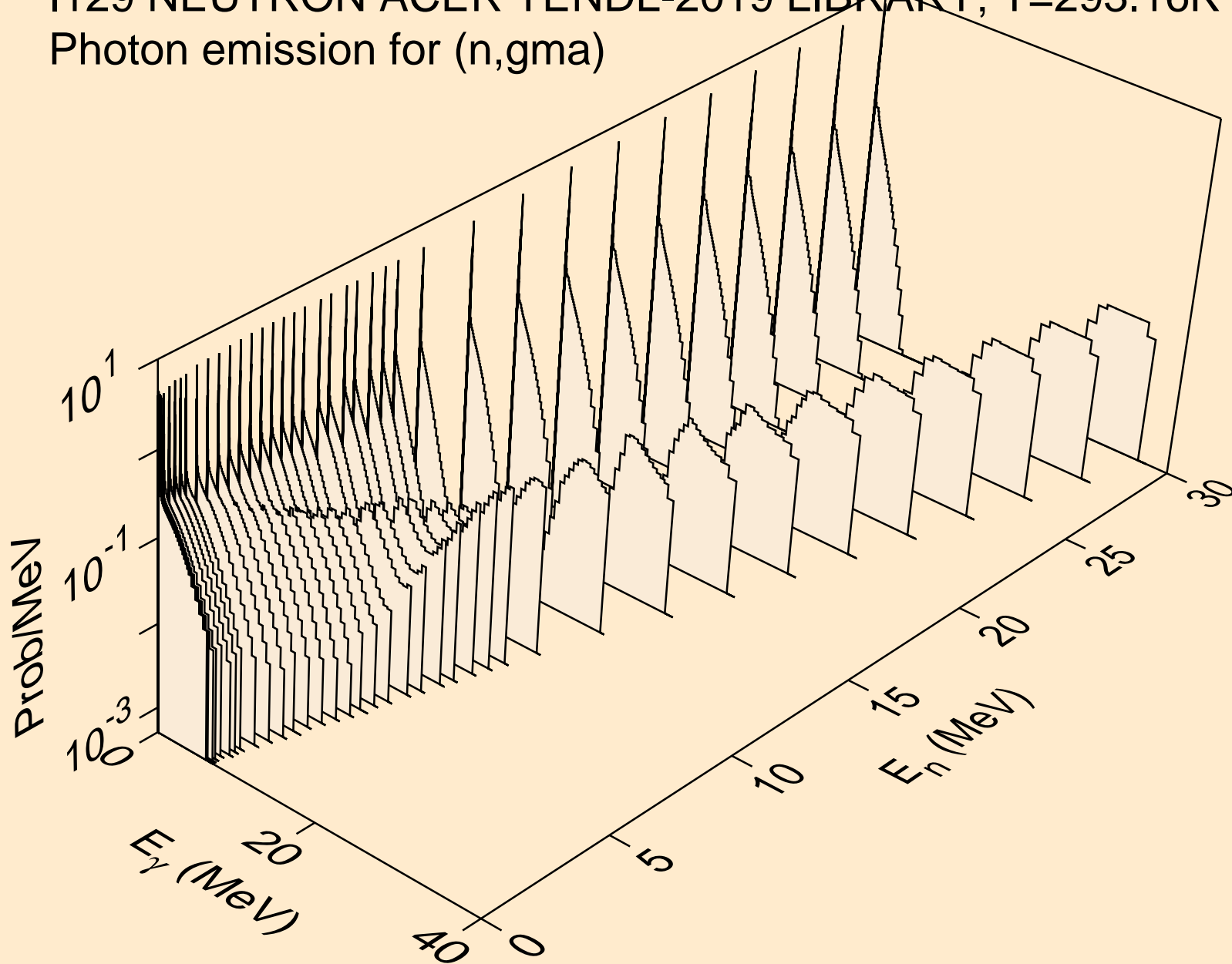
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)

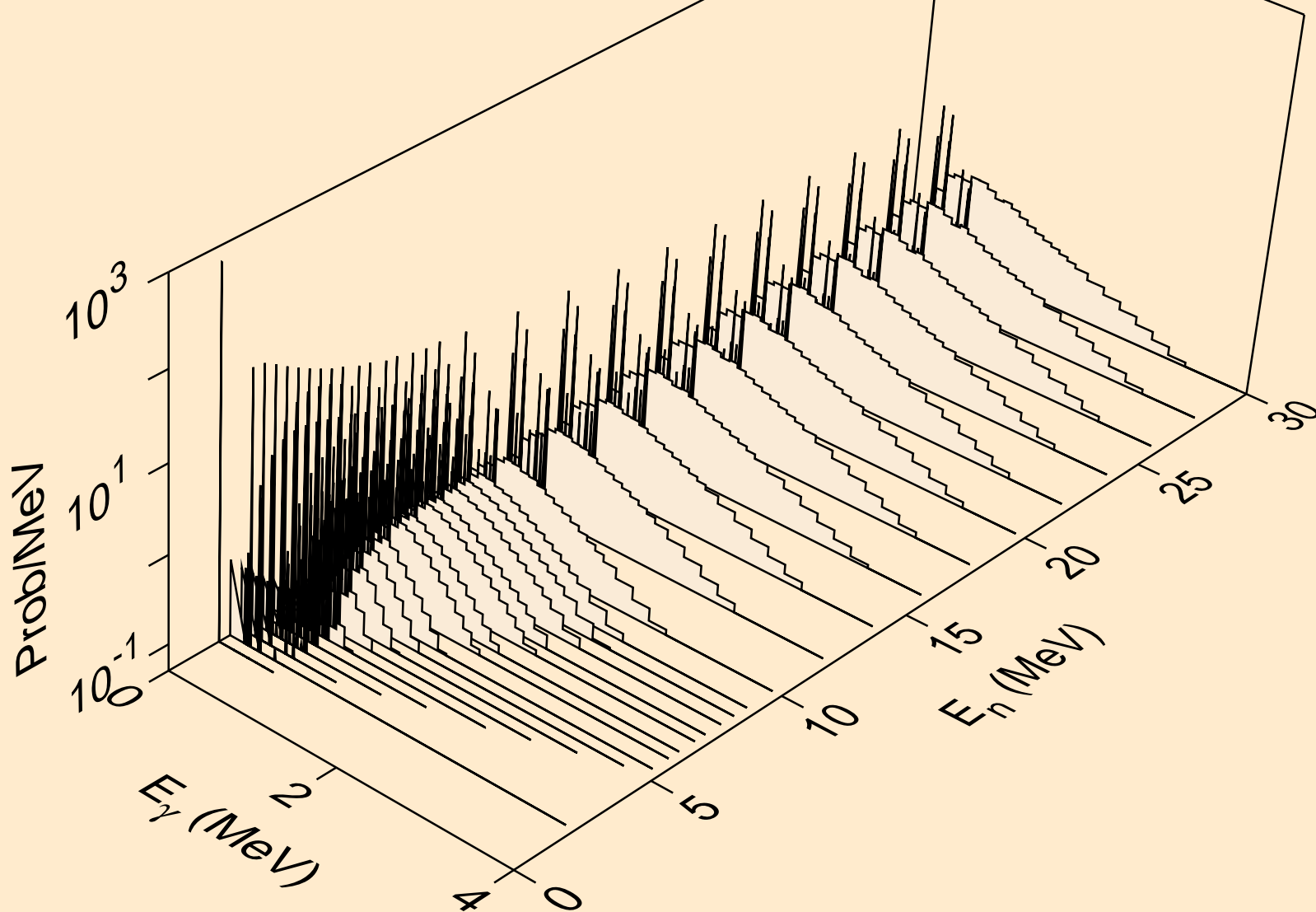


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)

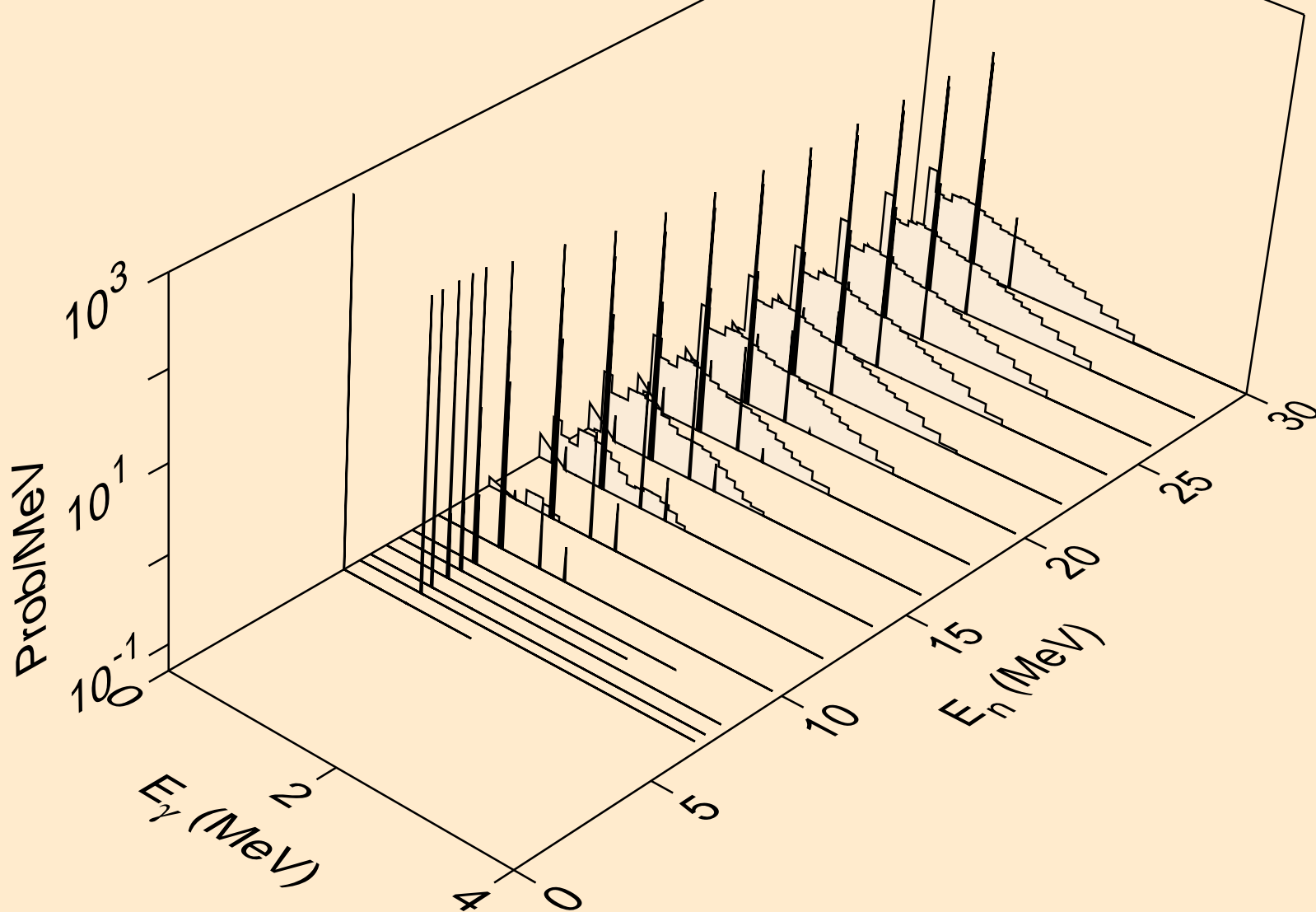




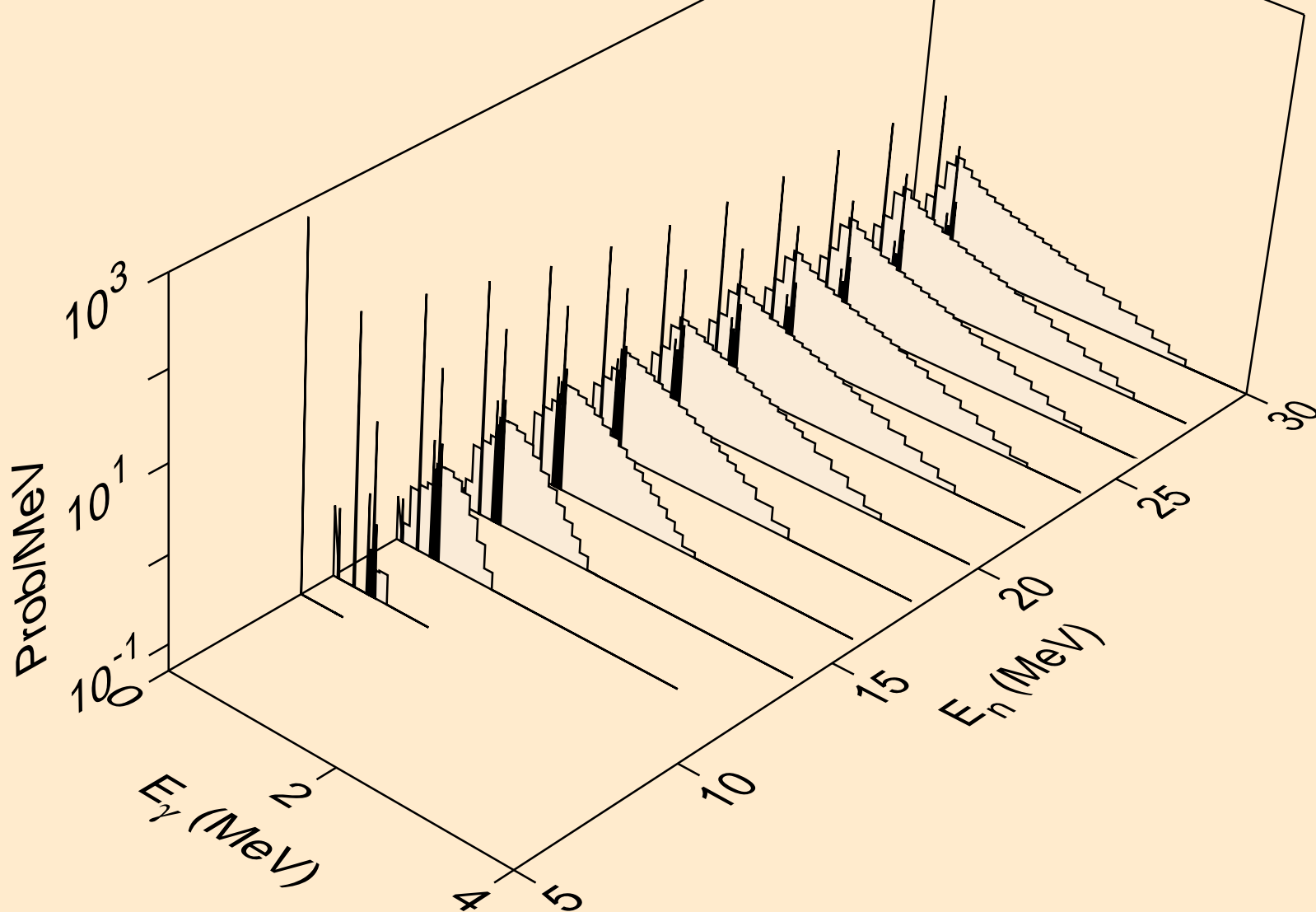
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



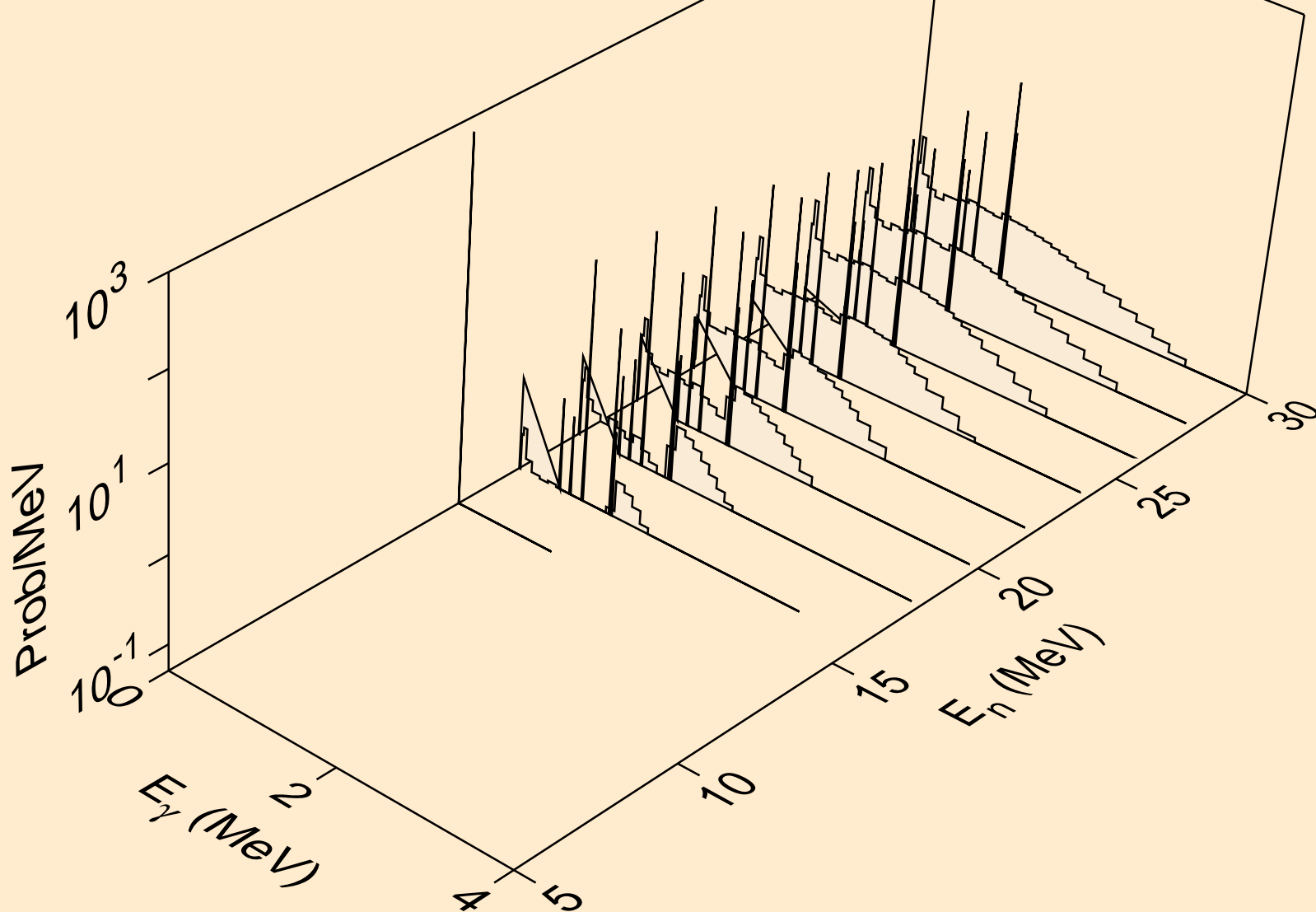
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



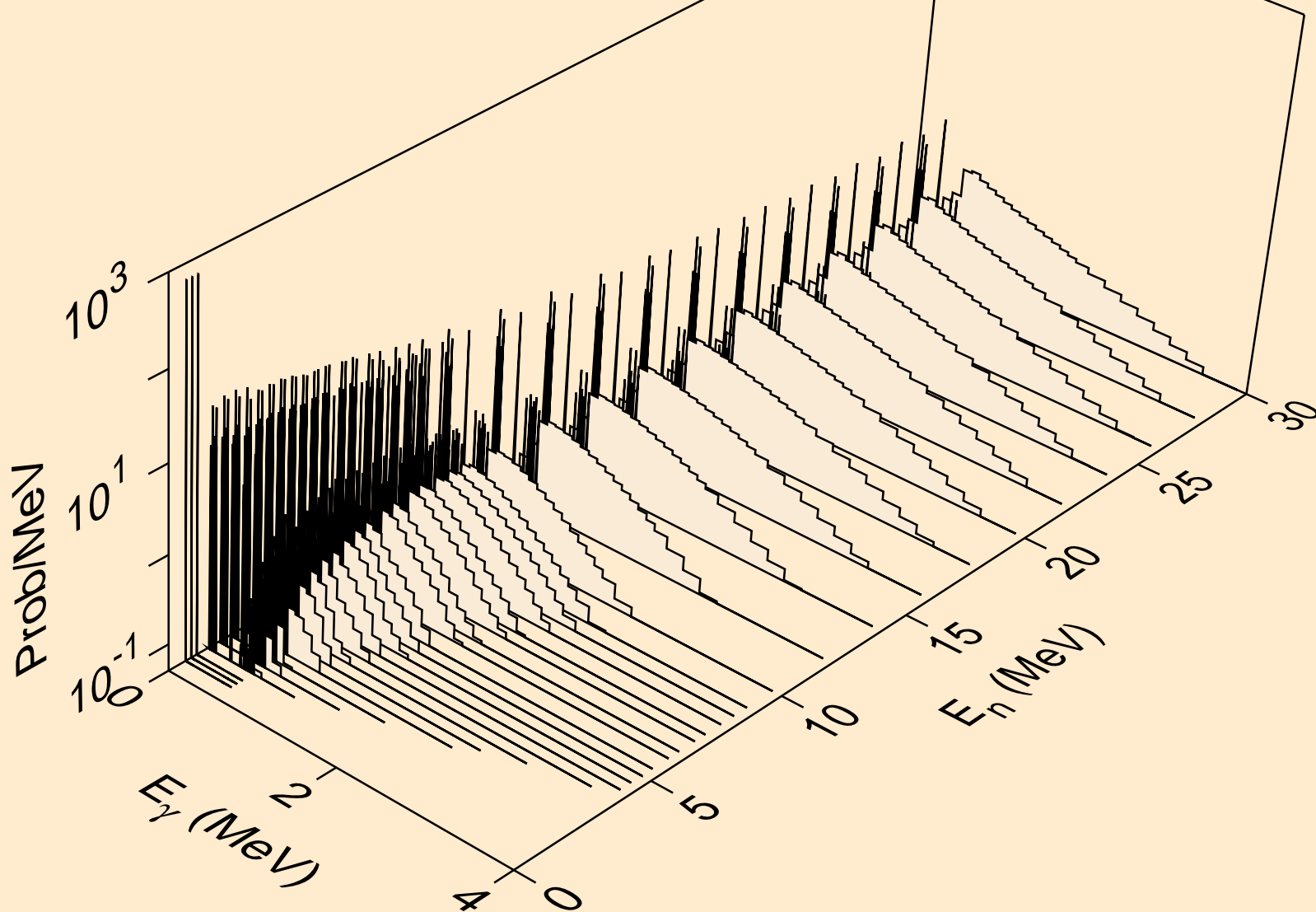
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



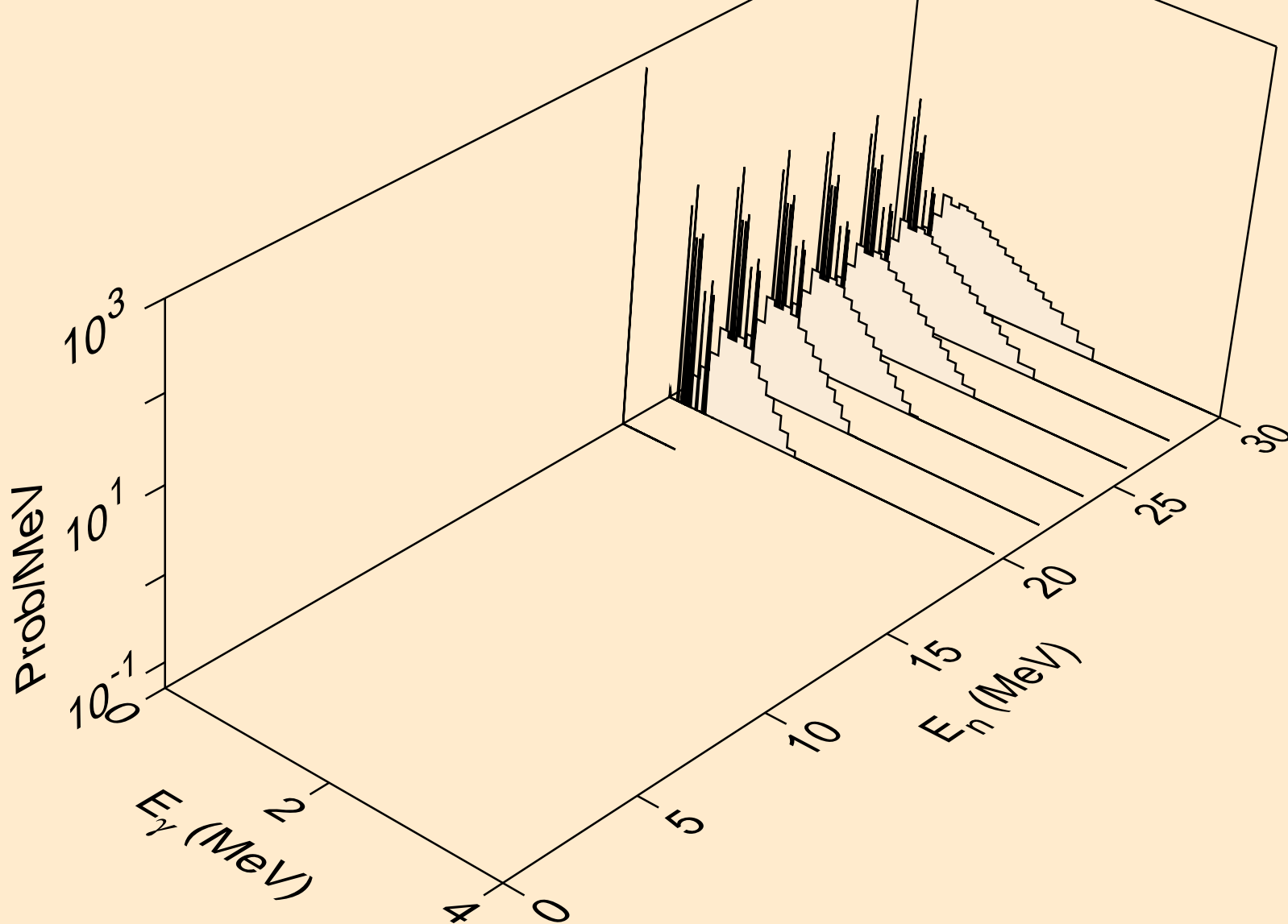
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



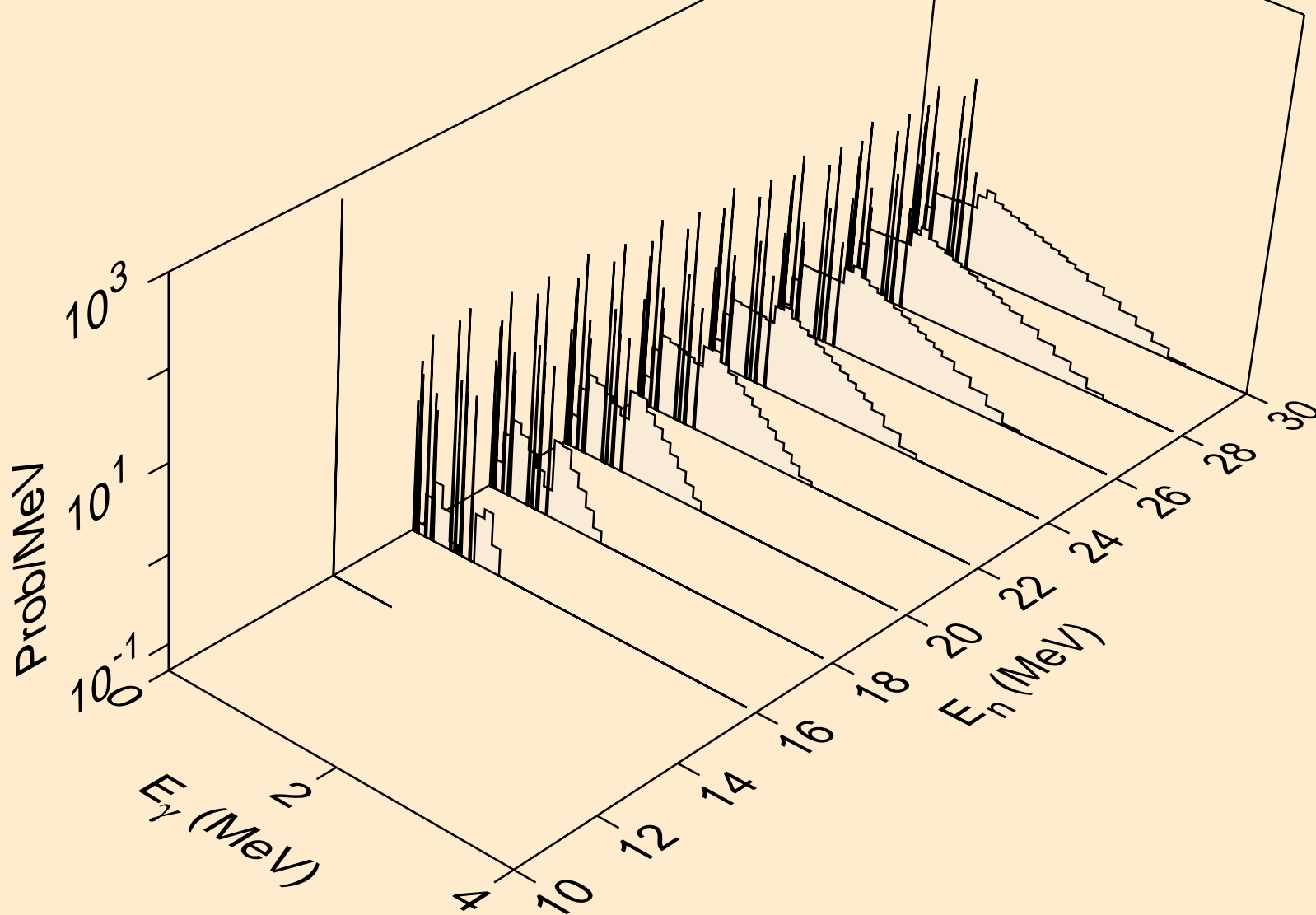
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



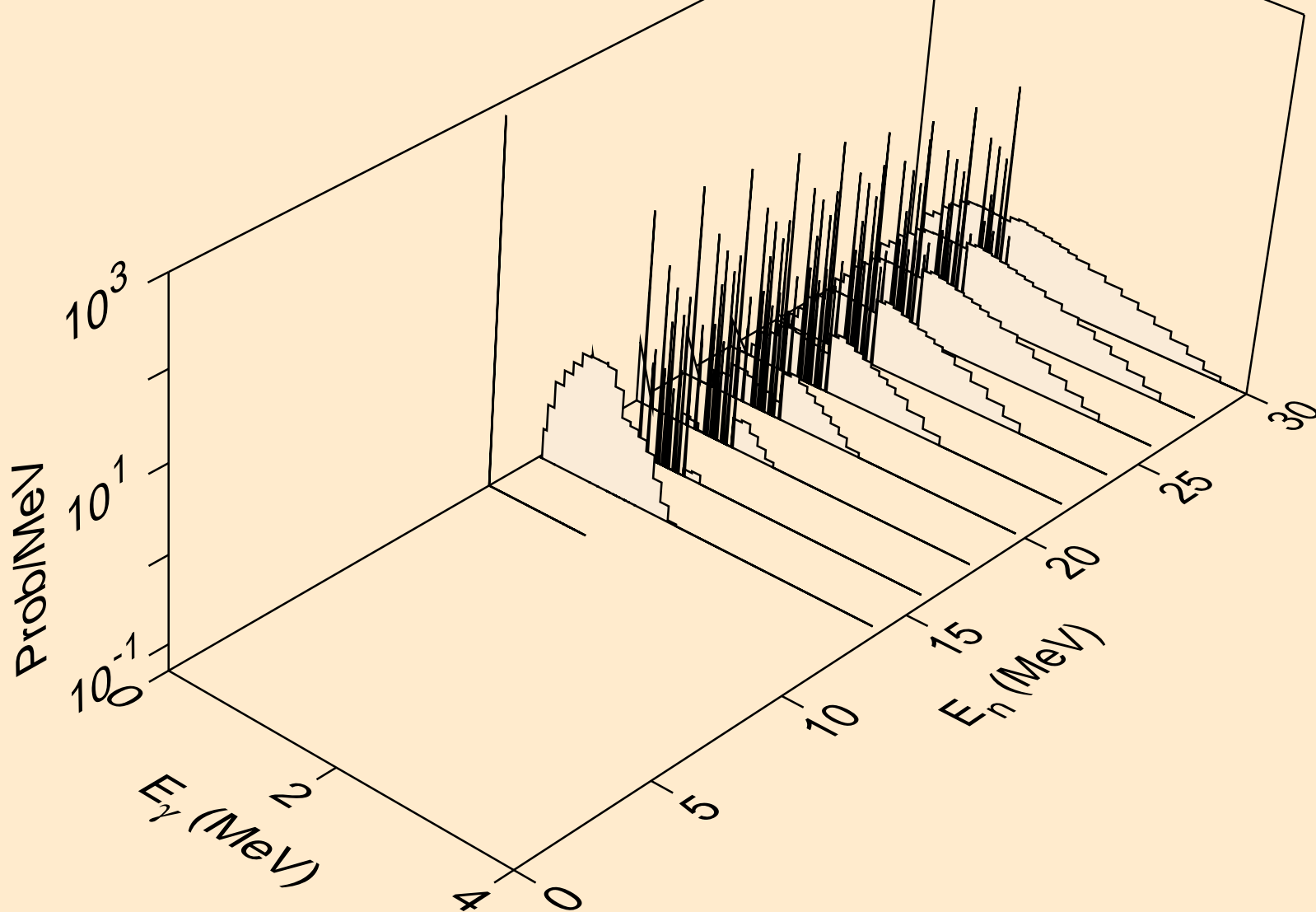
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)

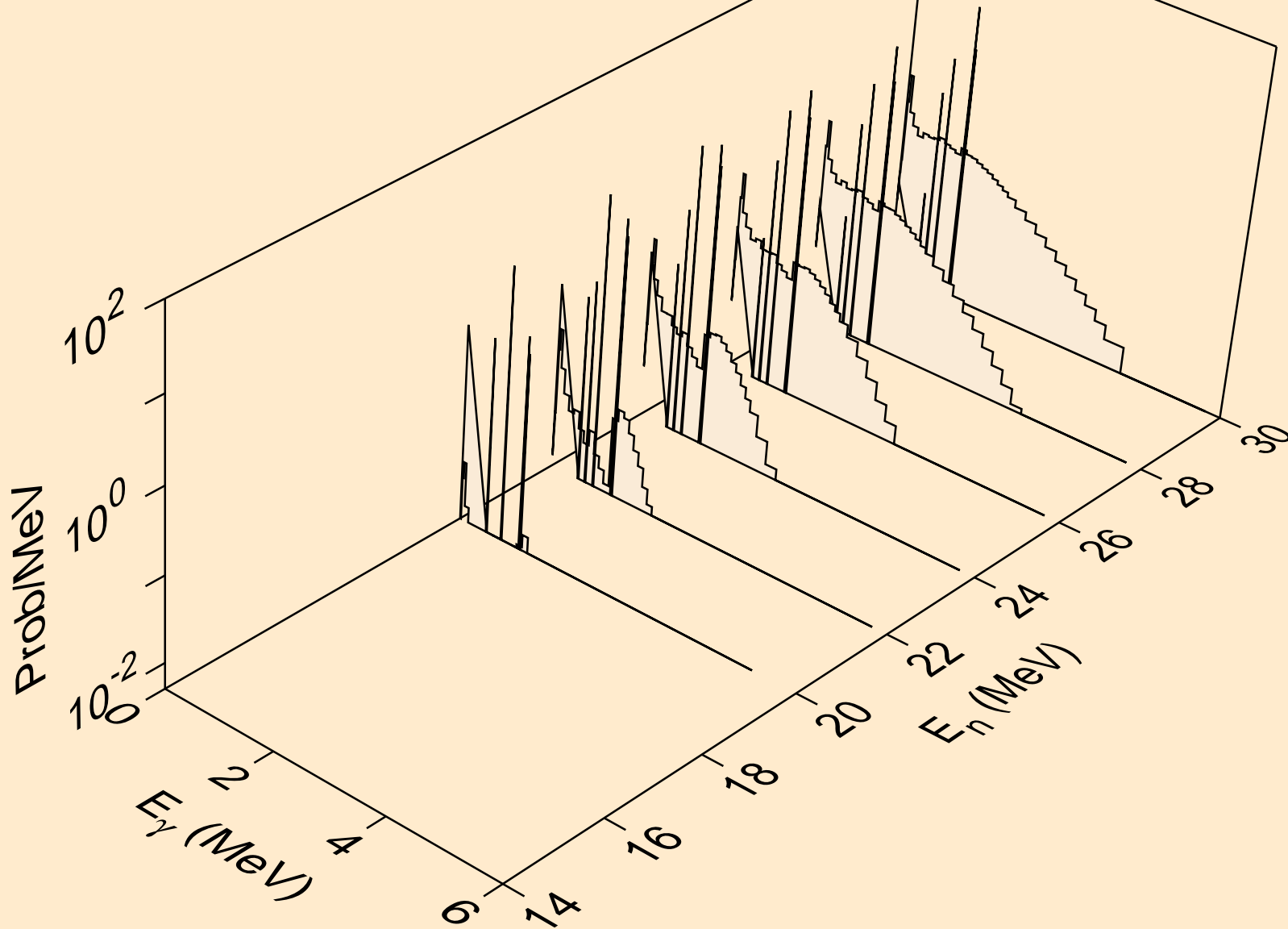


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )

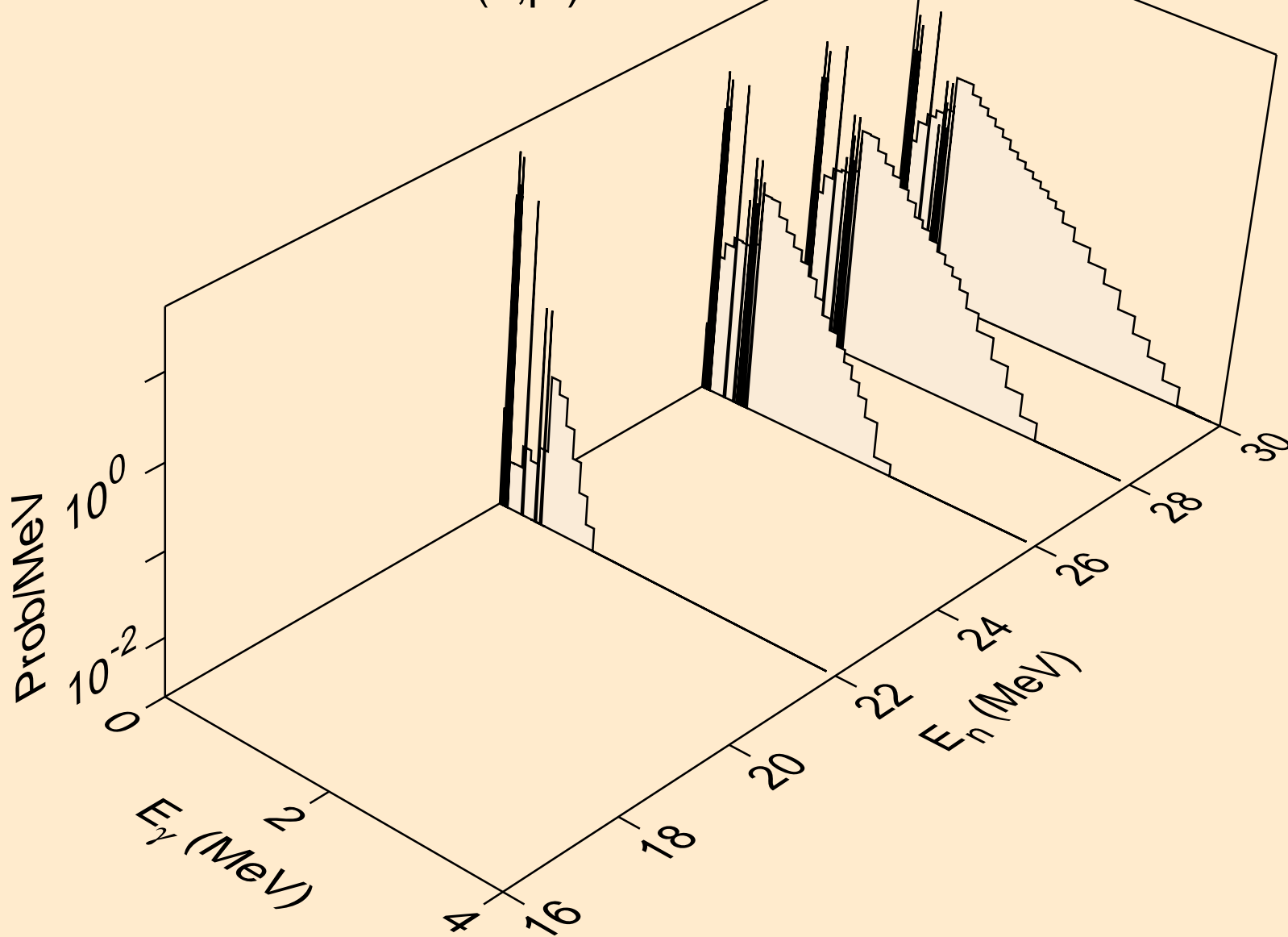




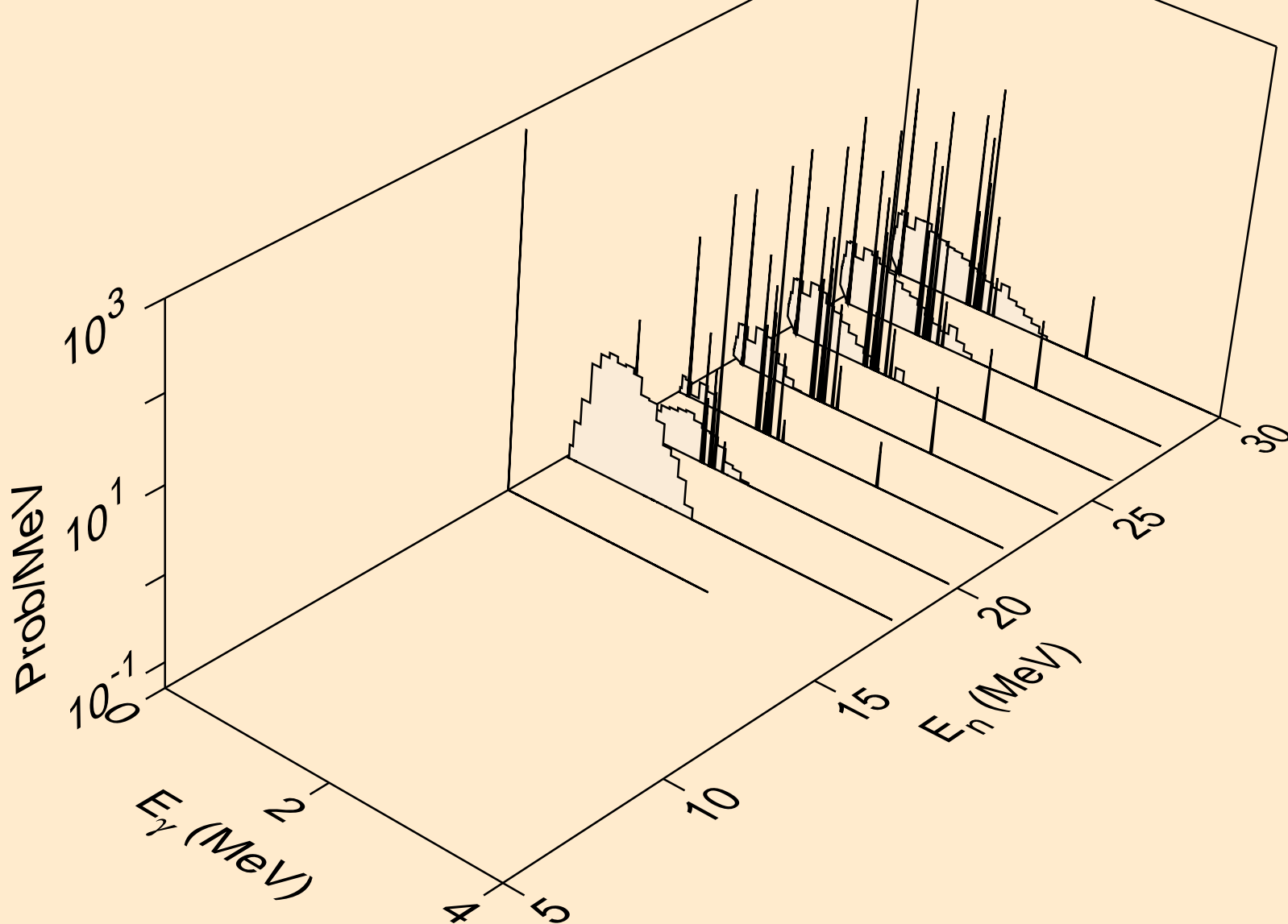
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



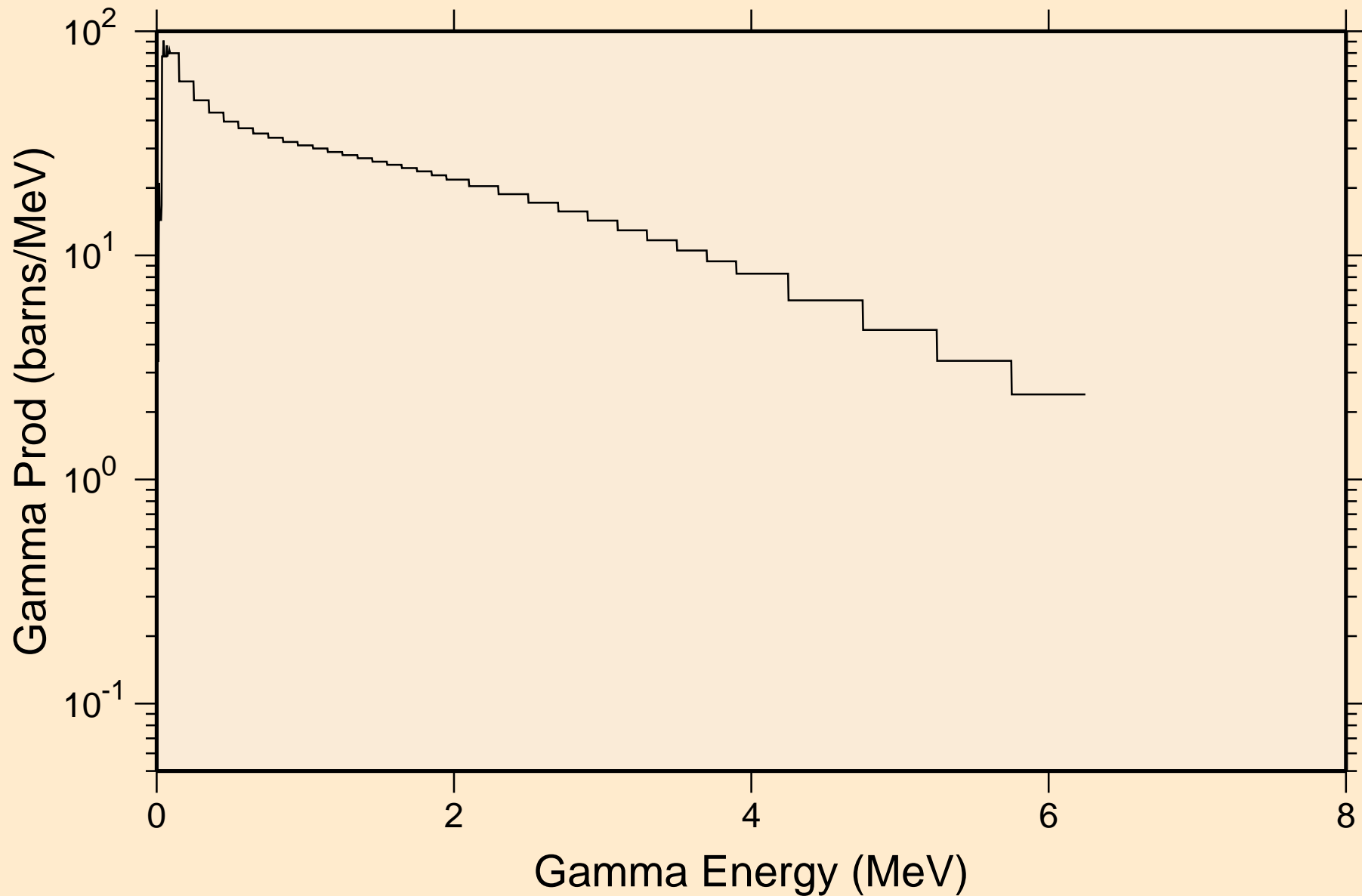
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



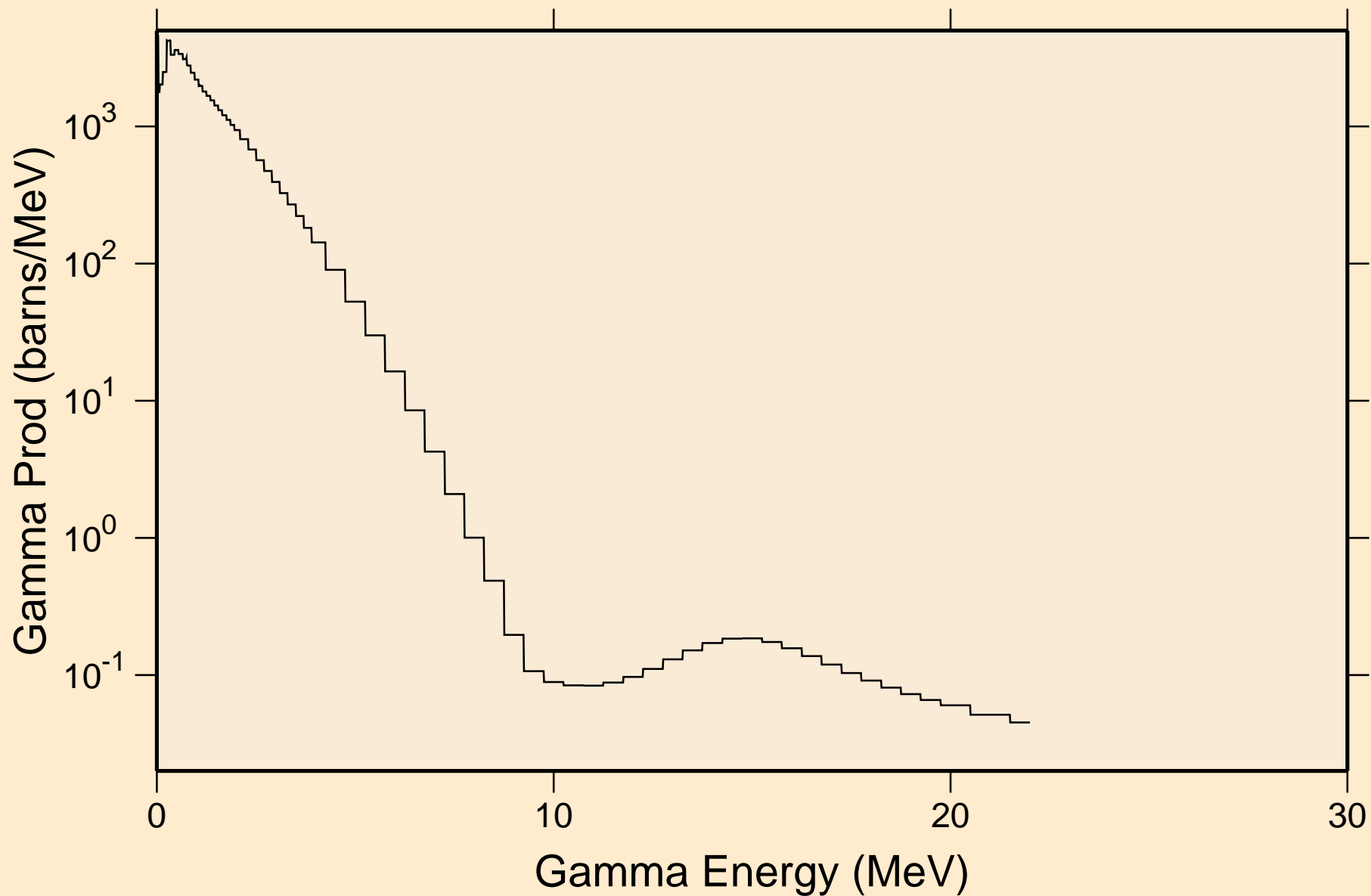
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

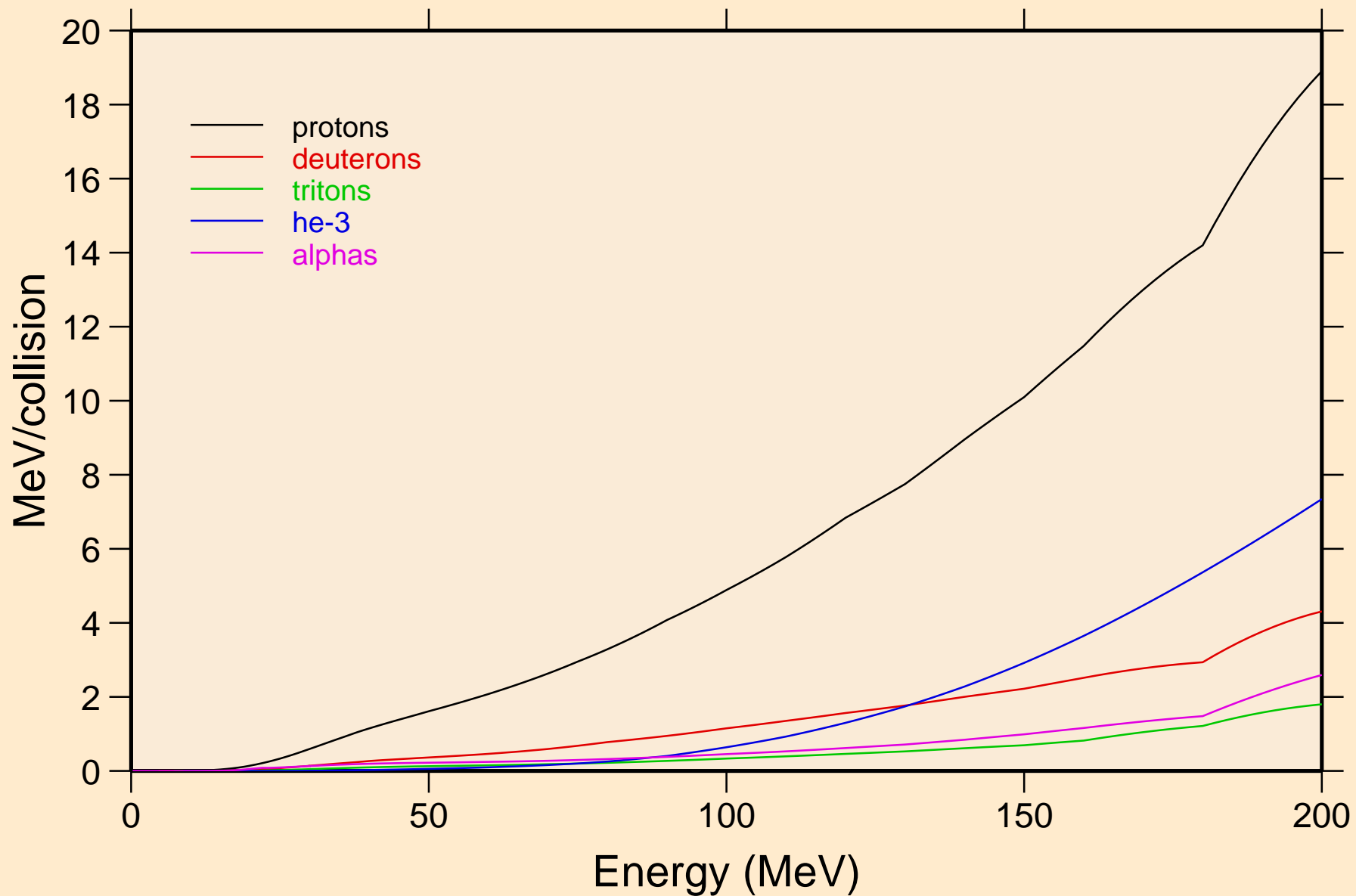


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

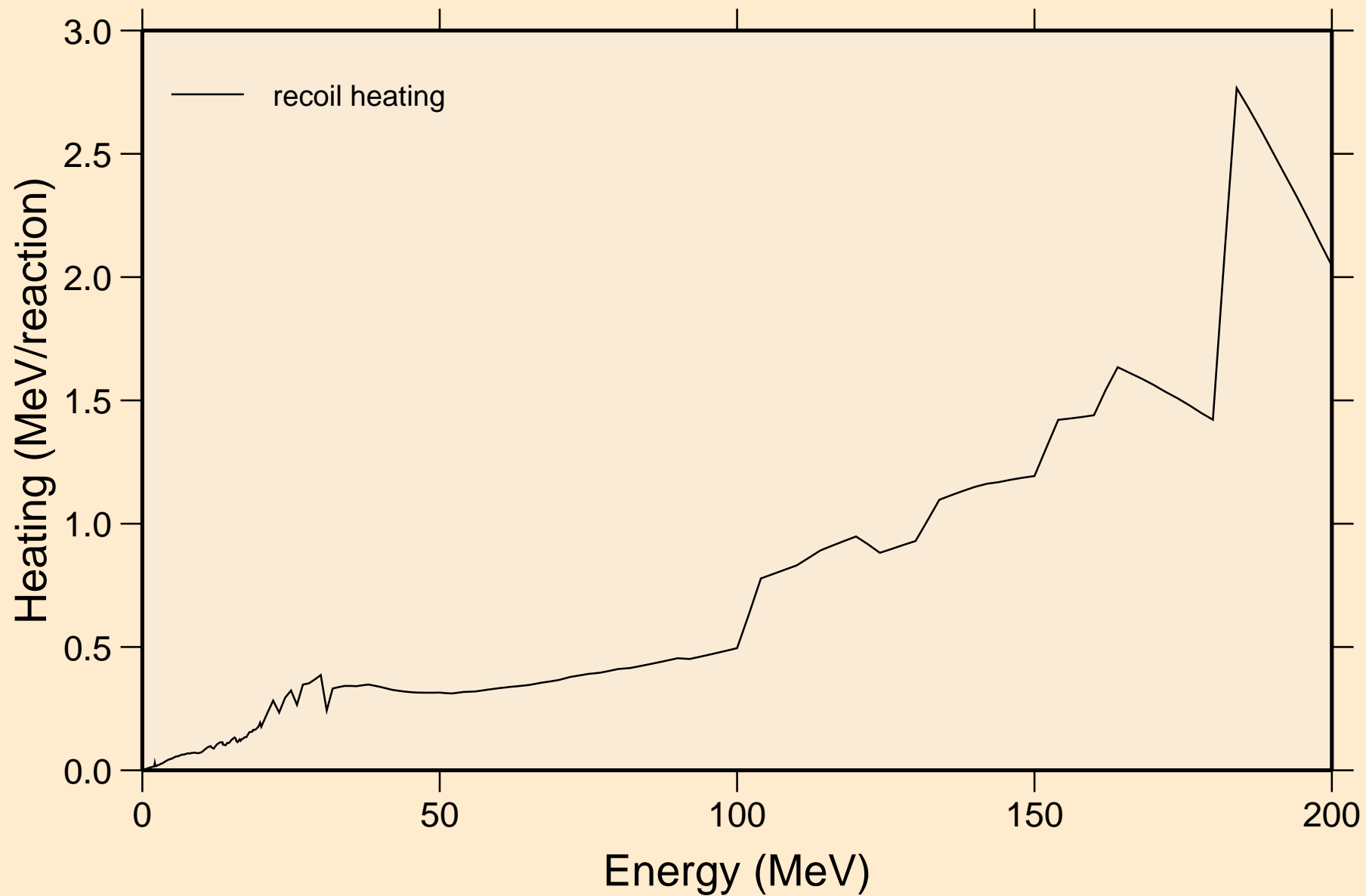


# I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

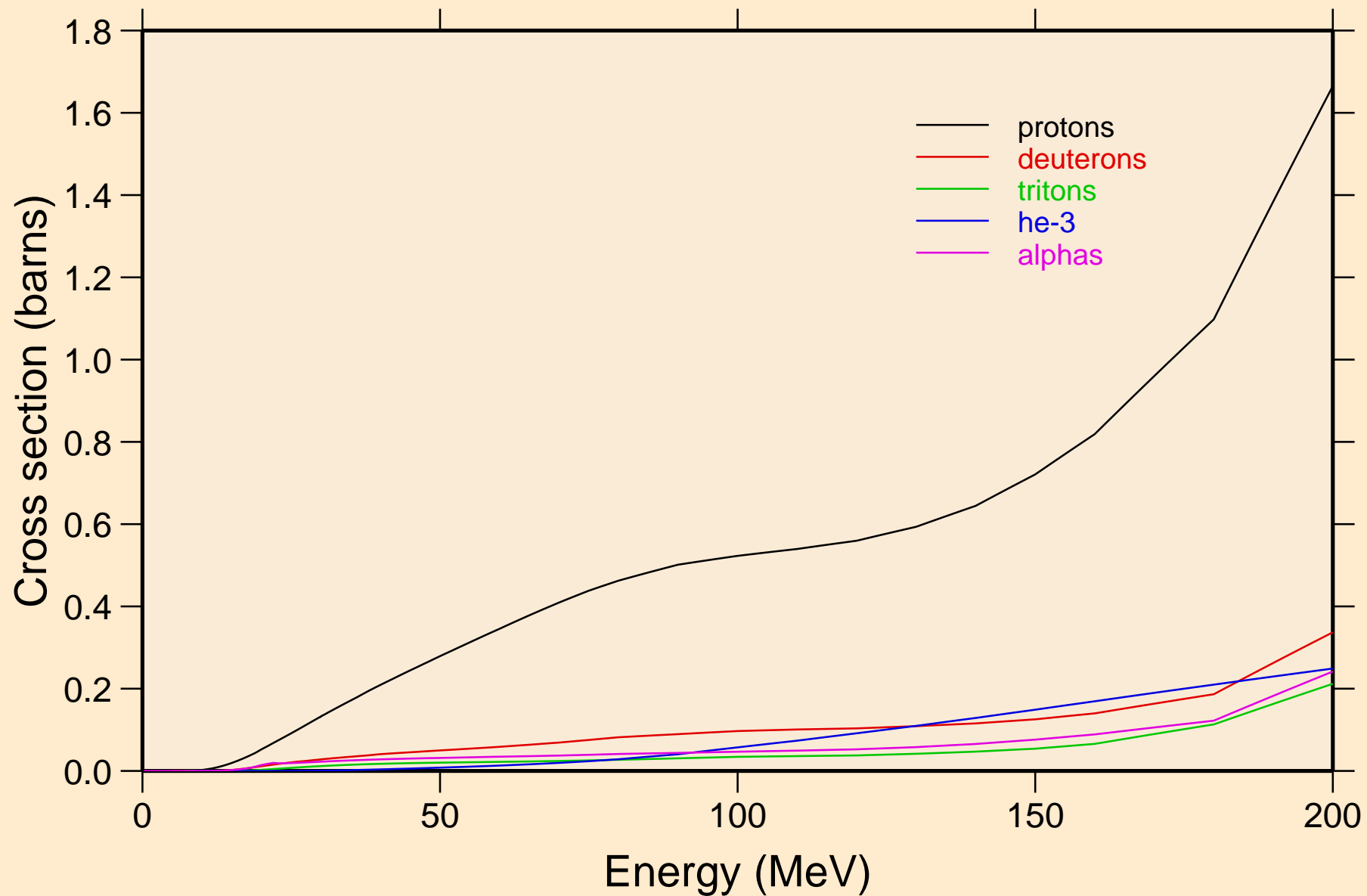
## Particle heating contributions



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

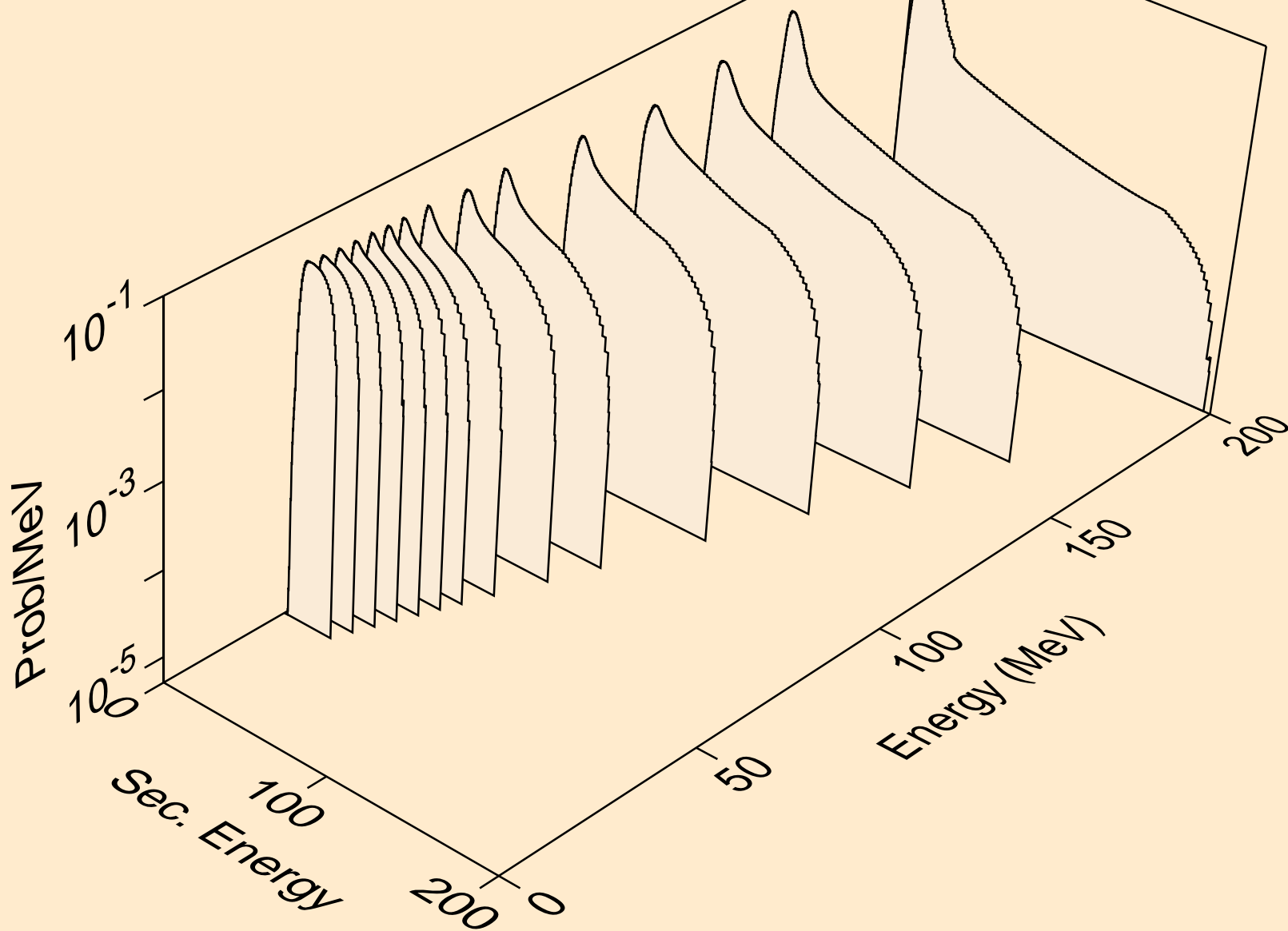


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections

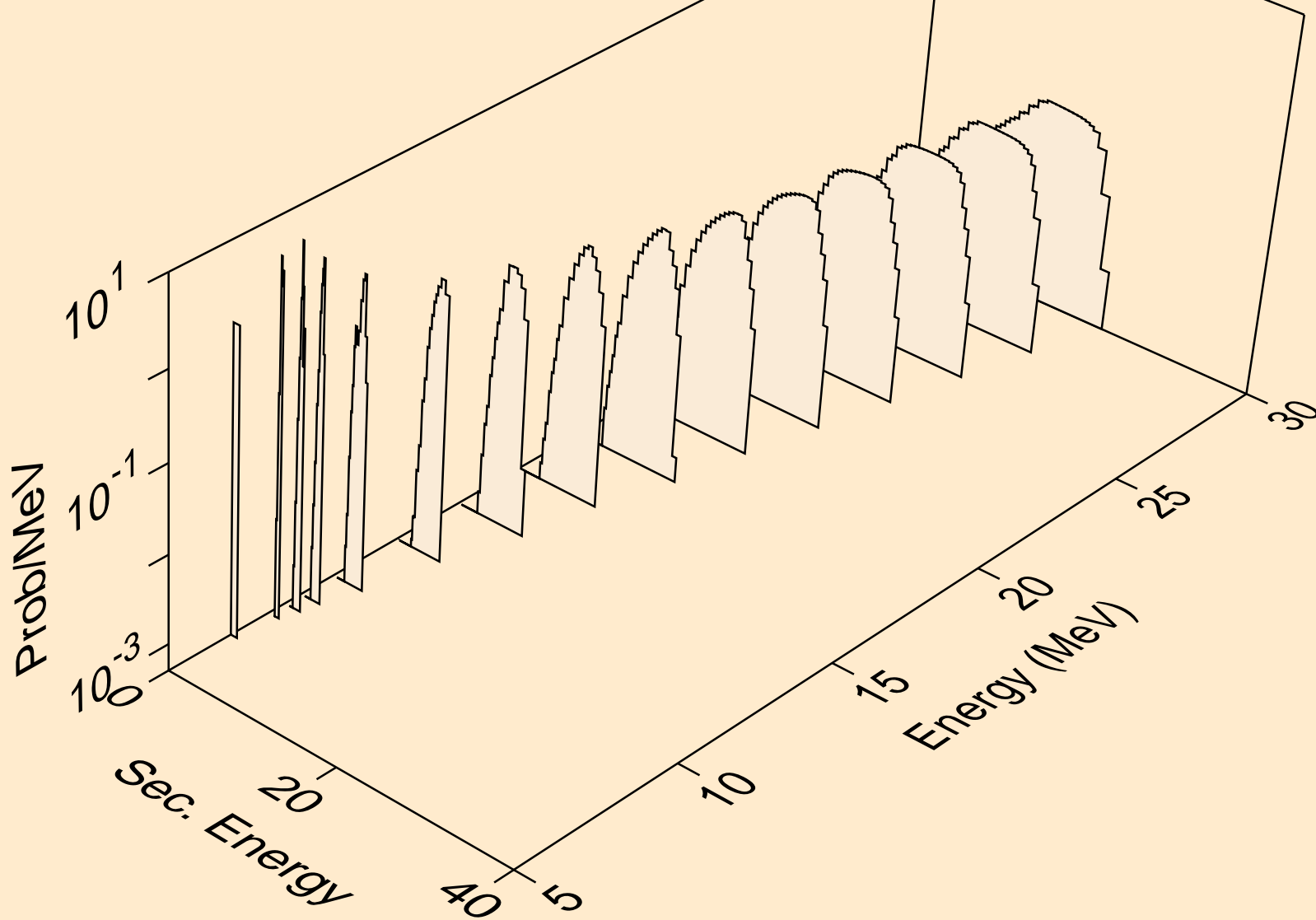




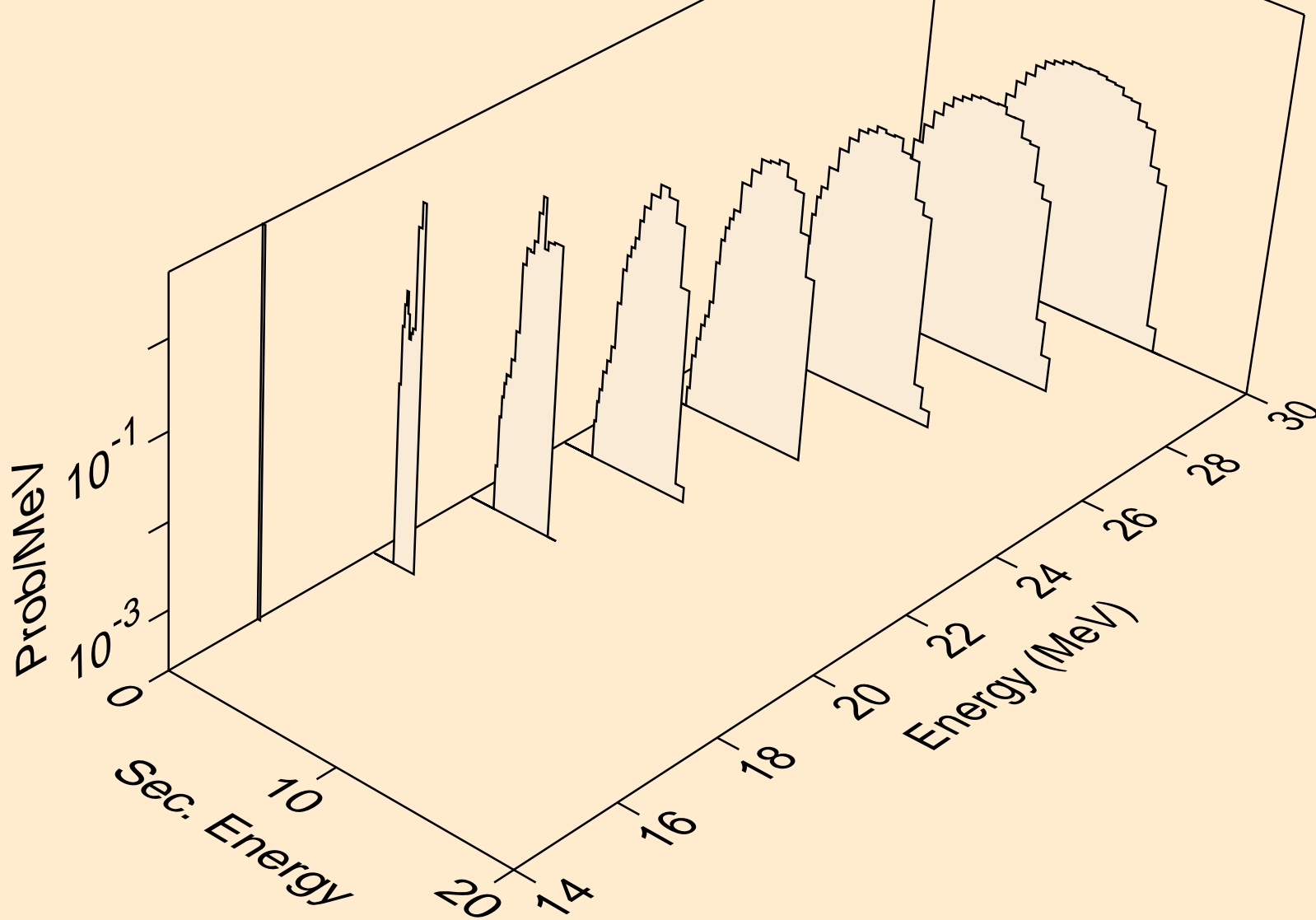
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



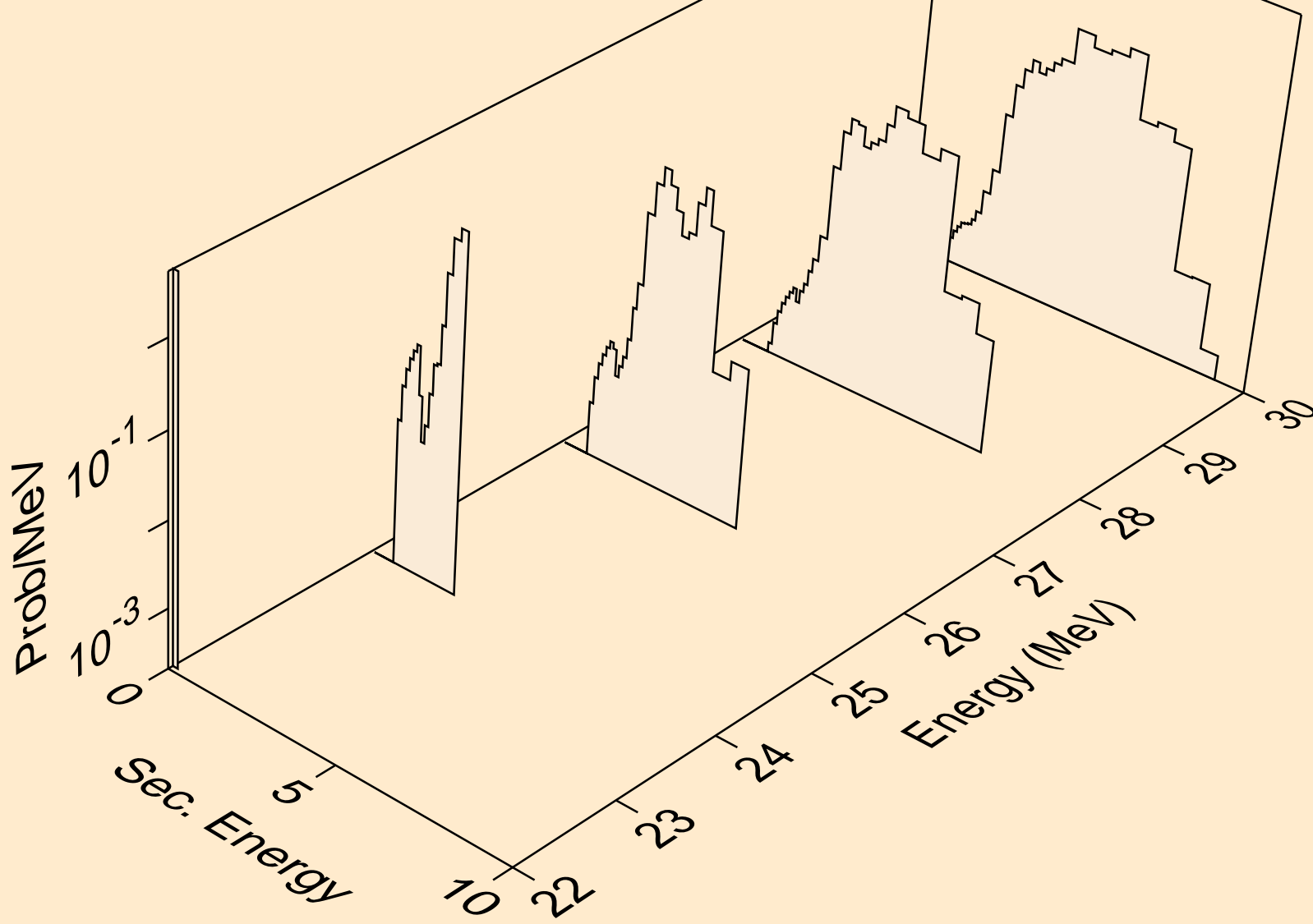
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



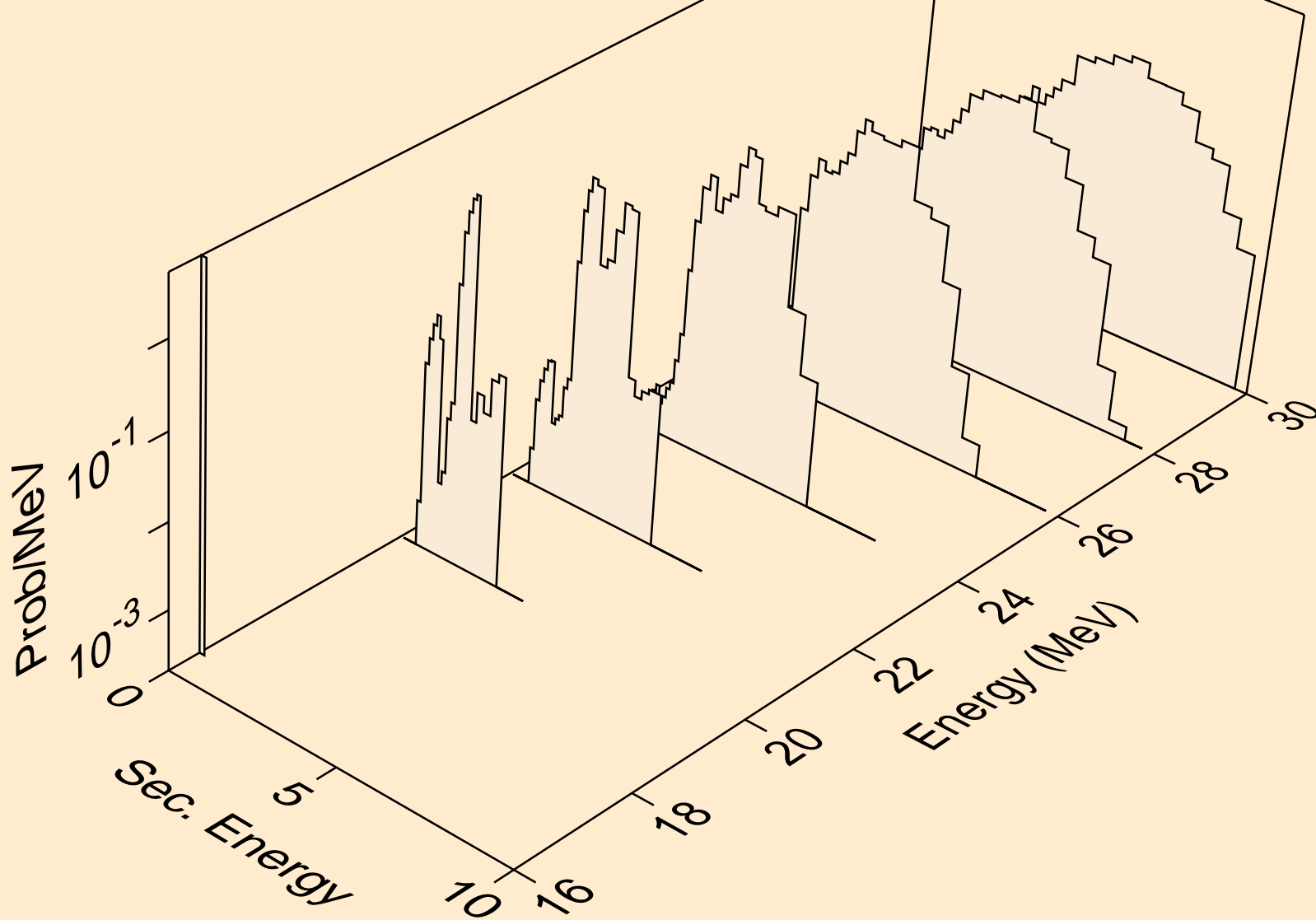
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



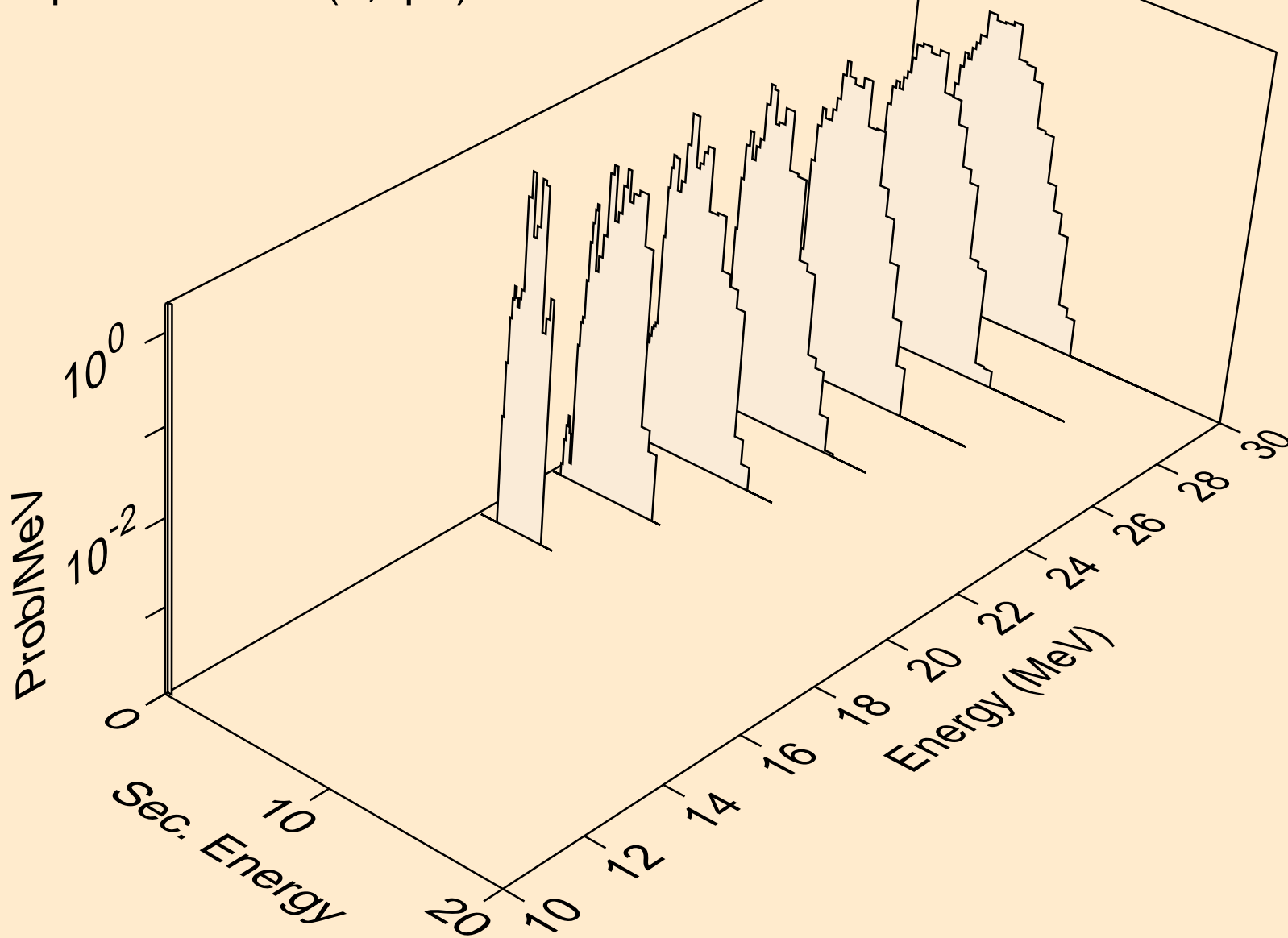
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



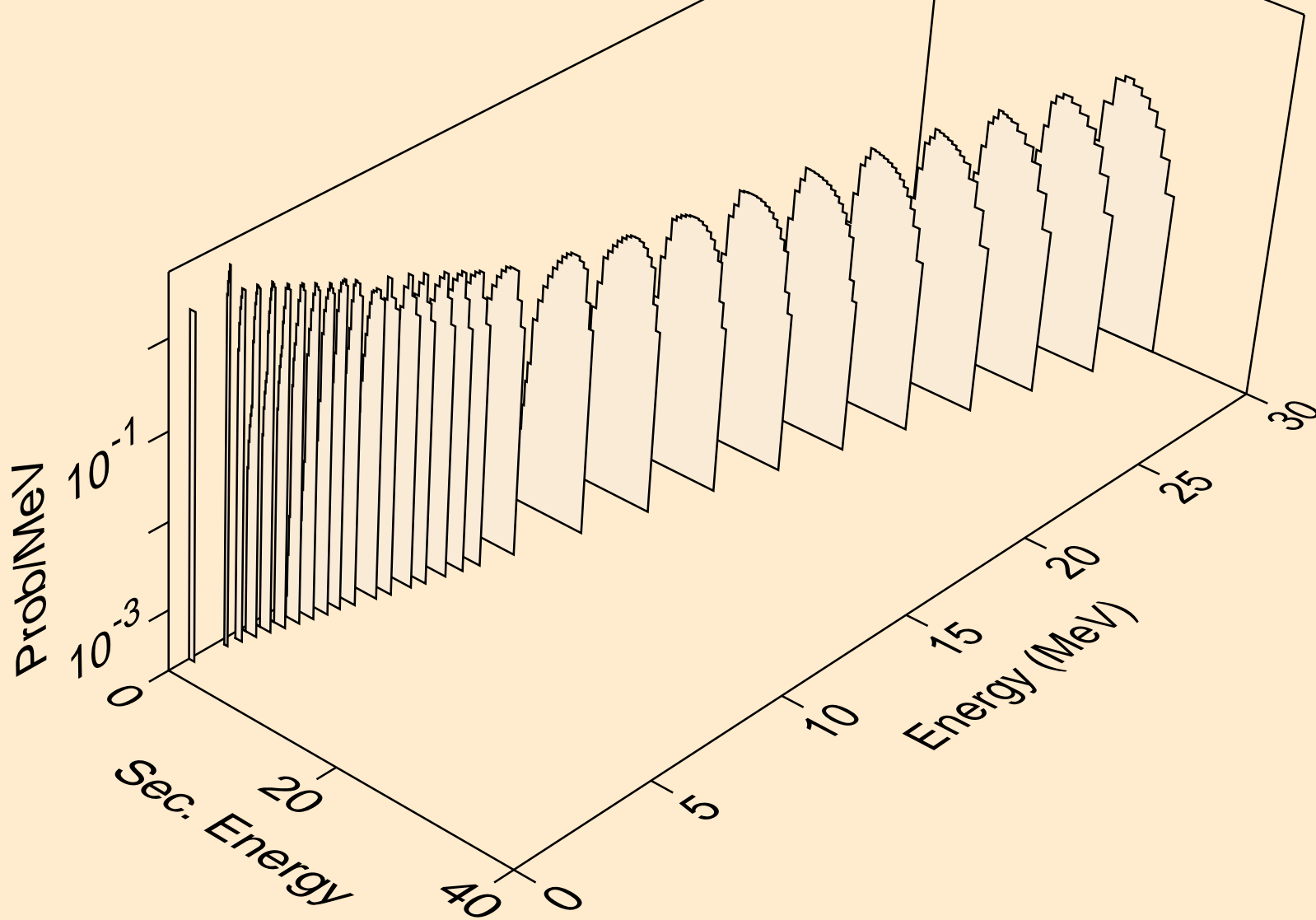
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



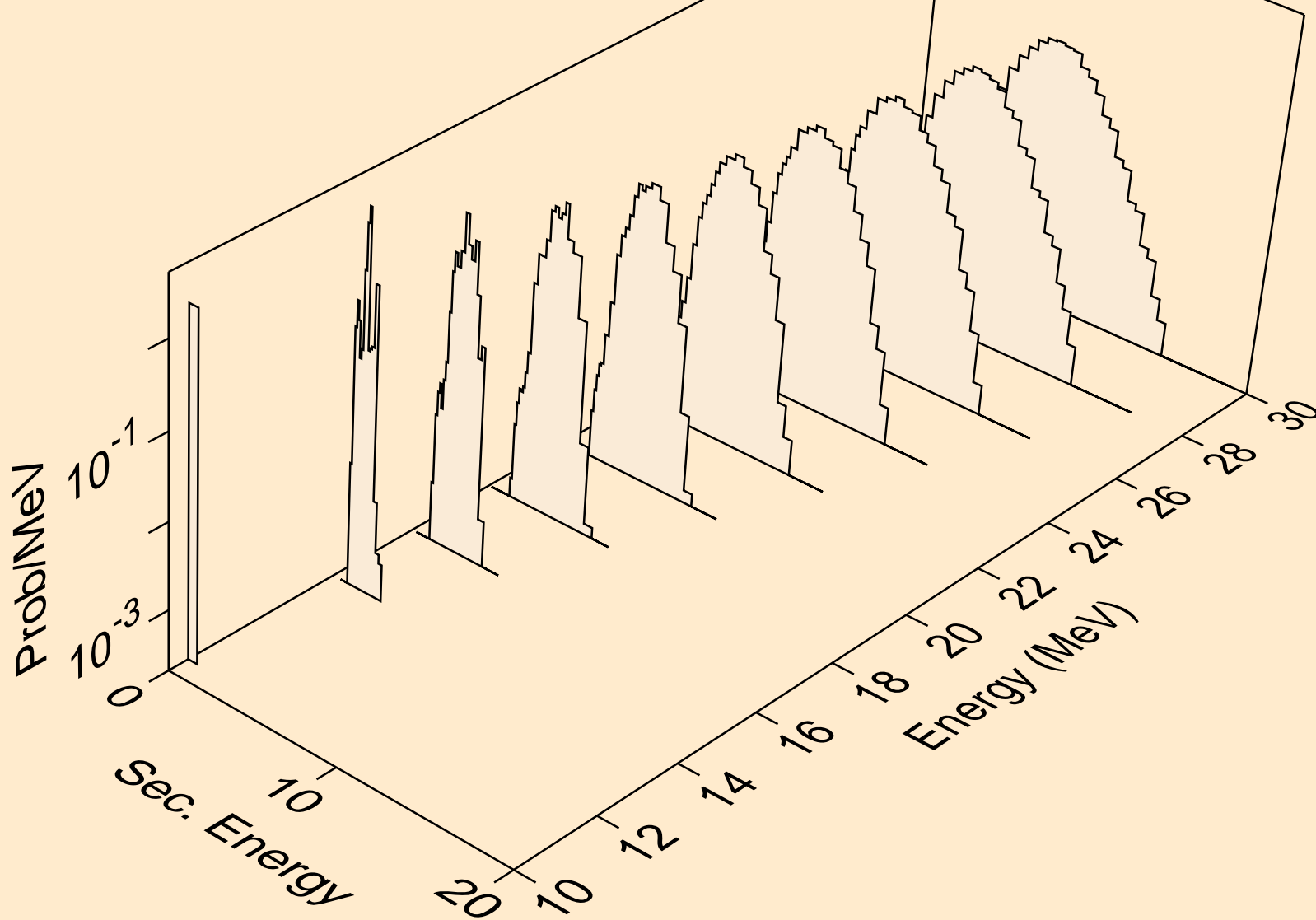
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

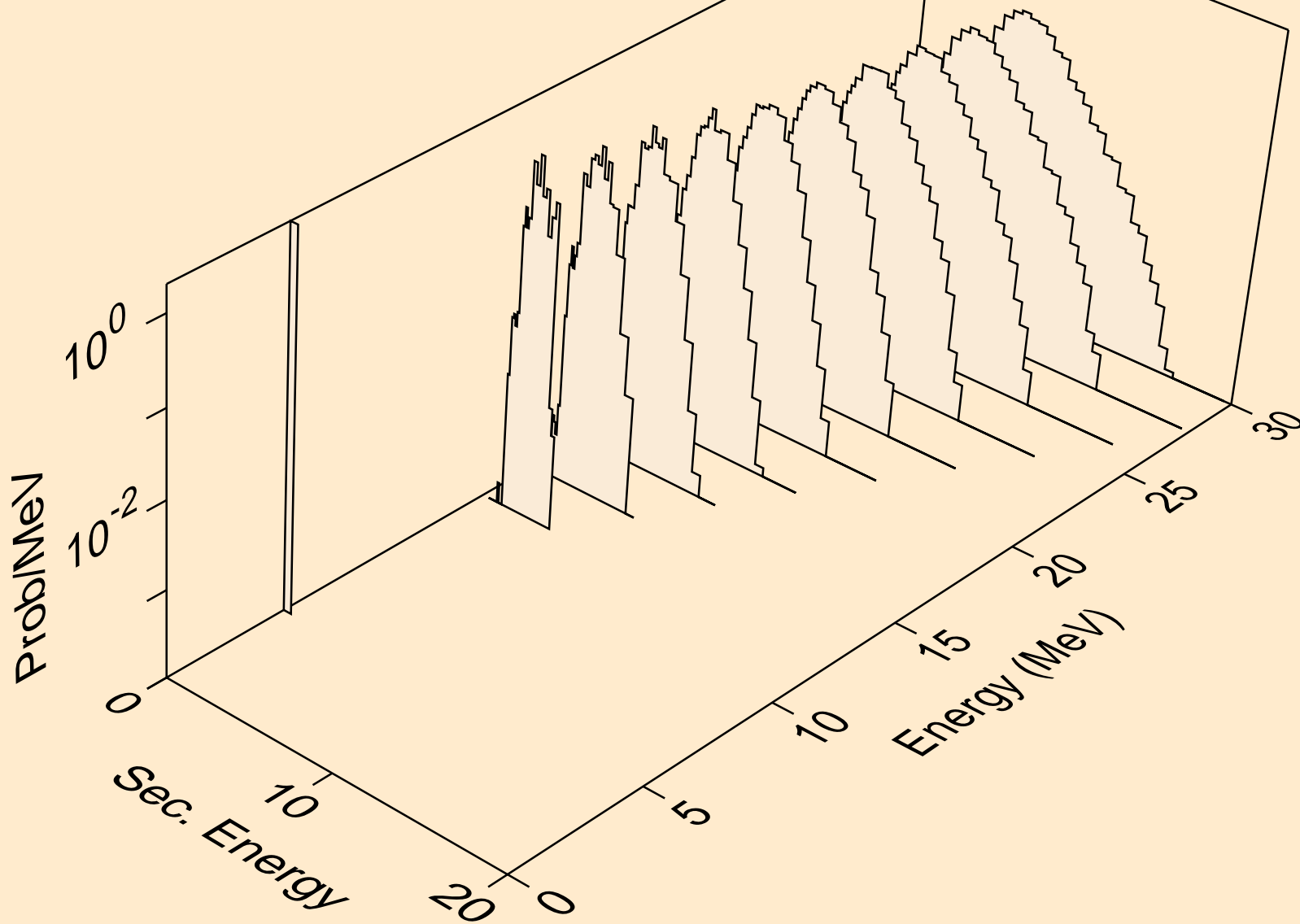


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)

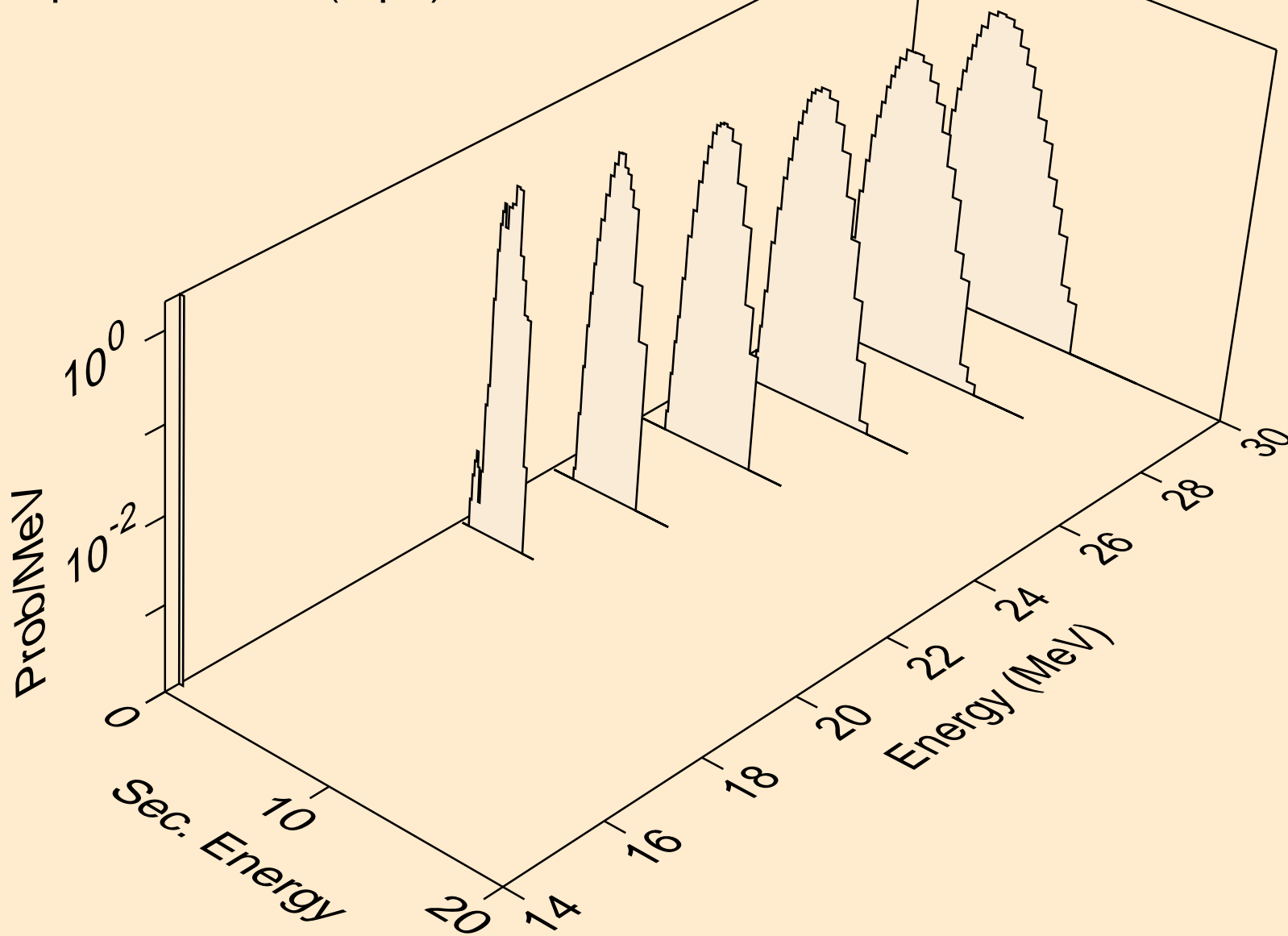




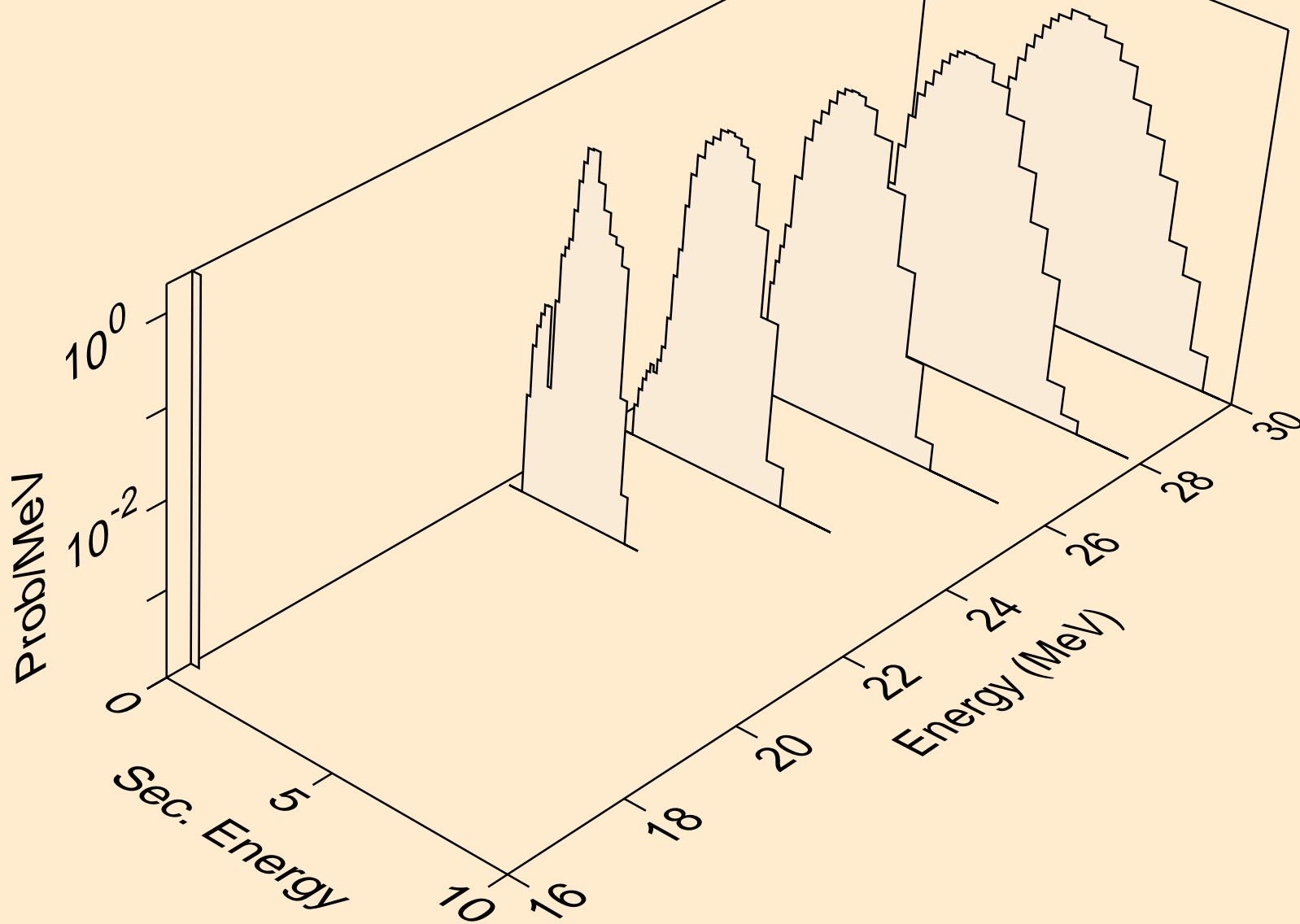
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



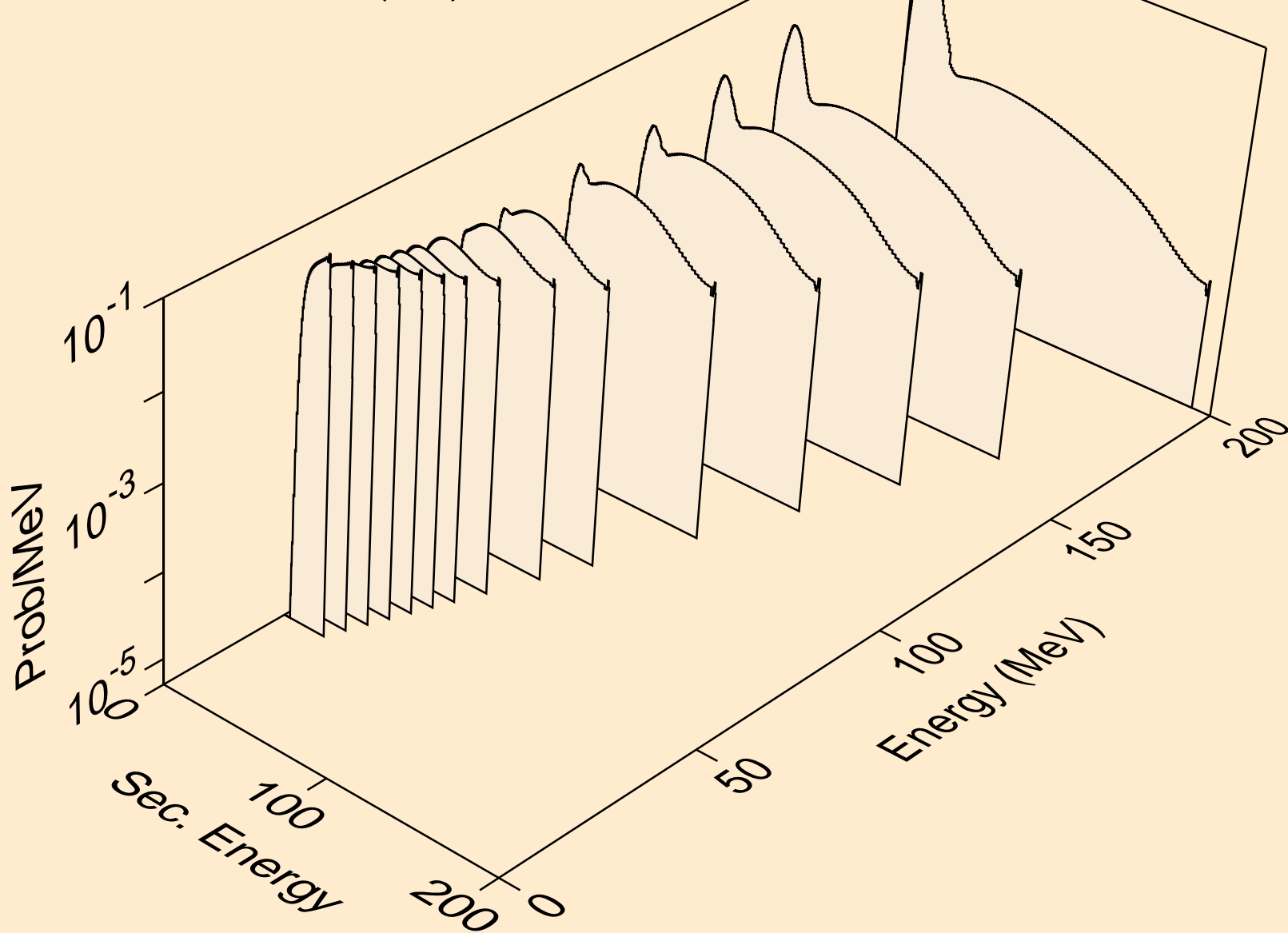
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



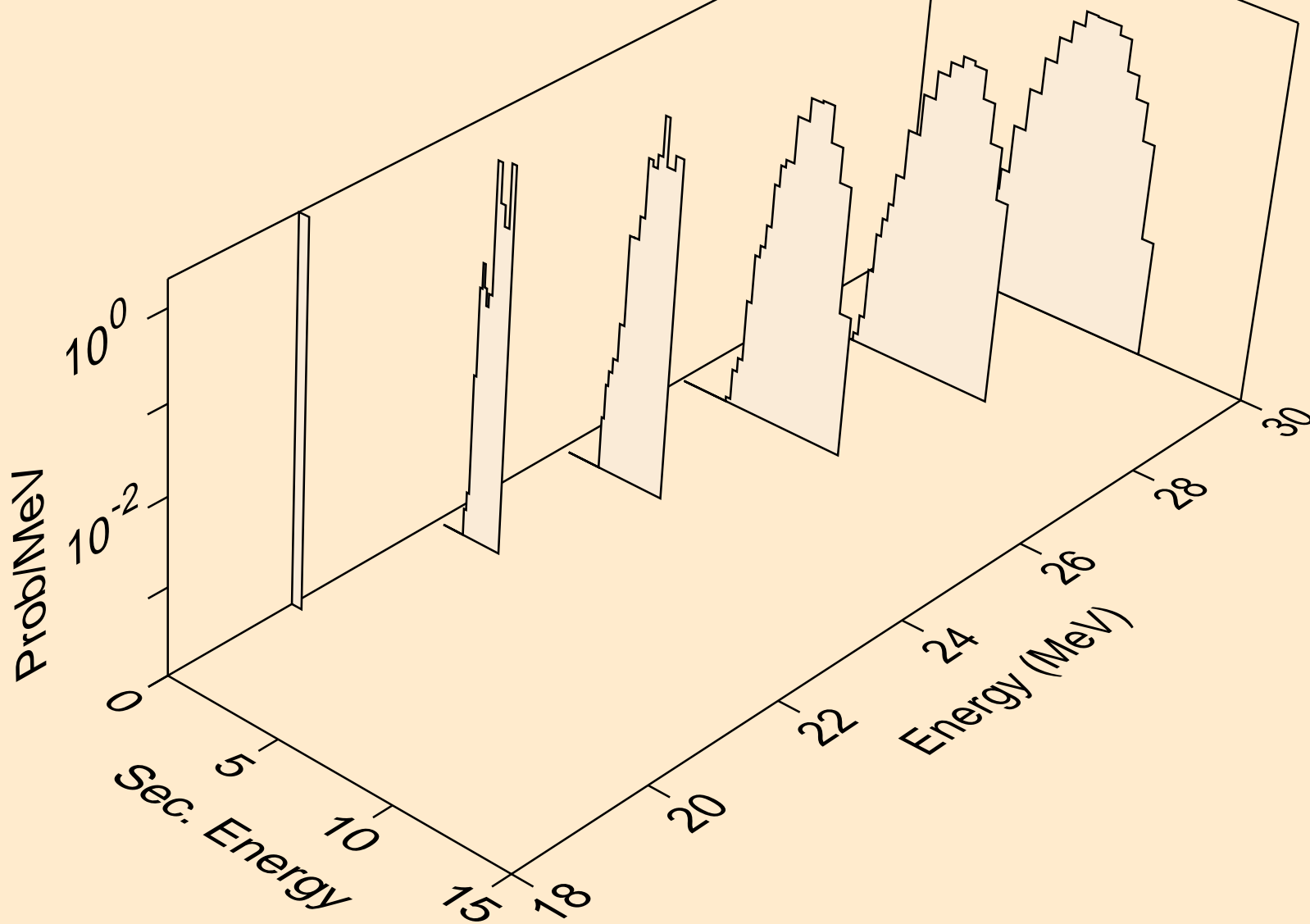
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



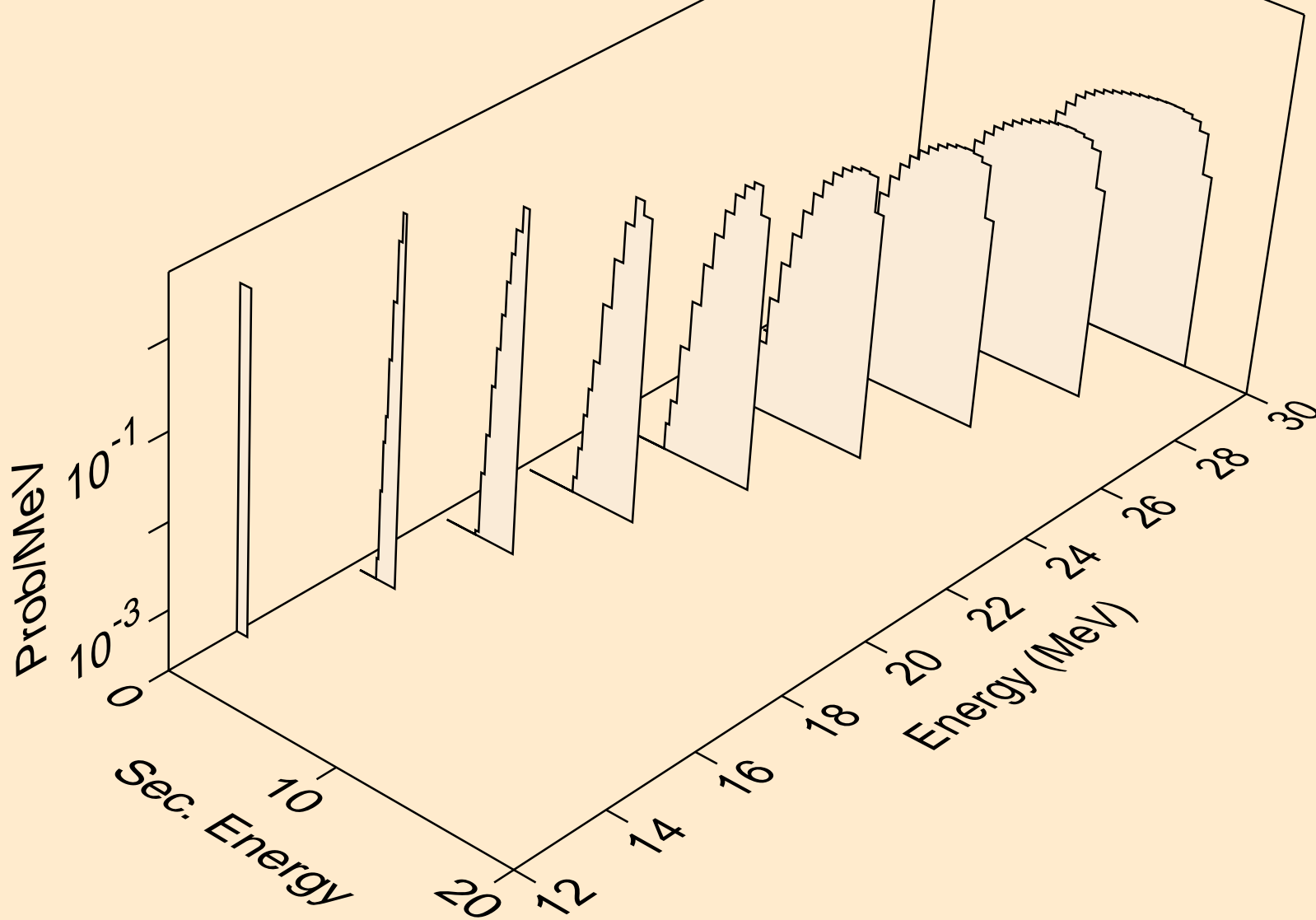
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



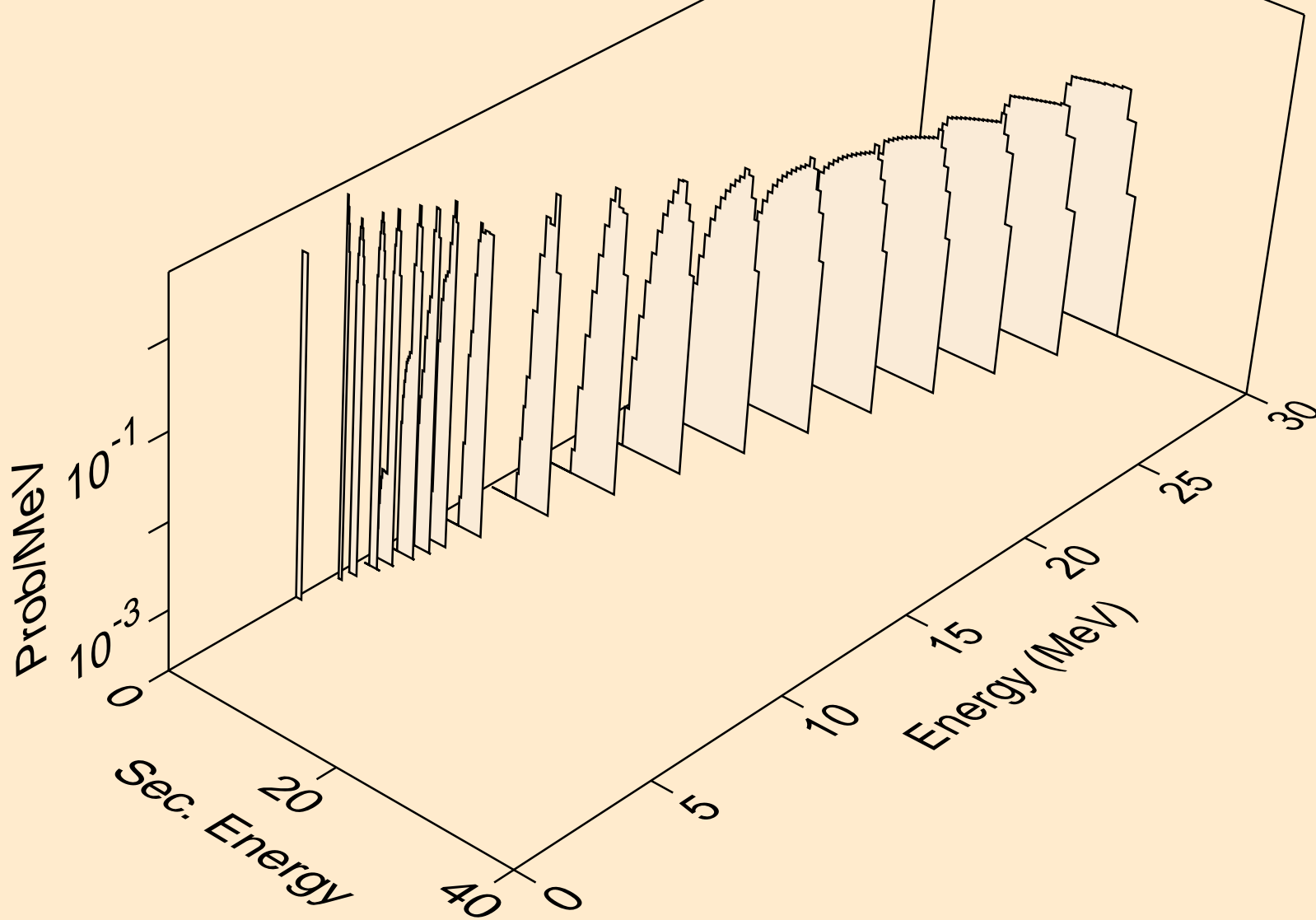
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



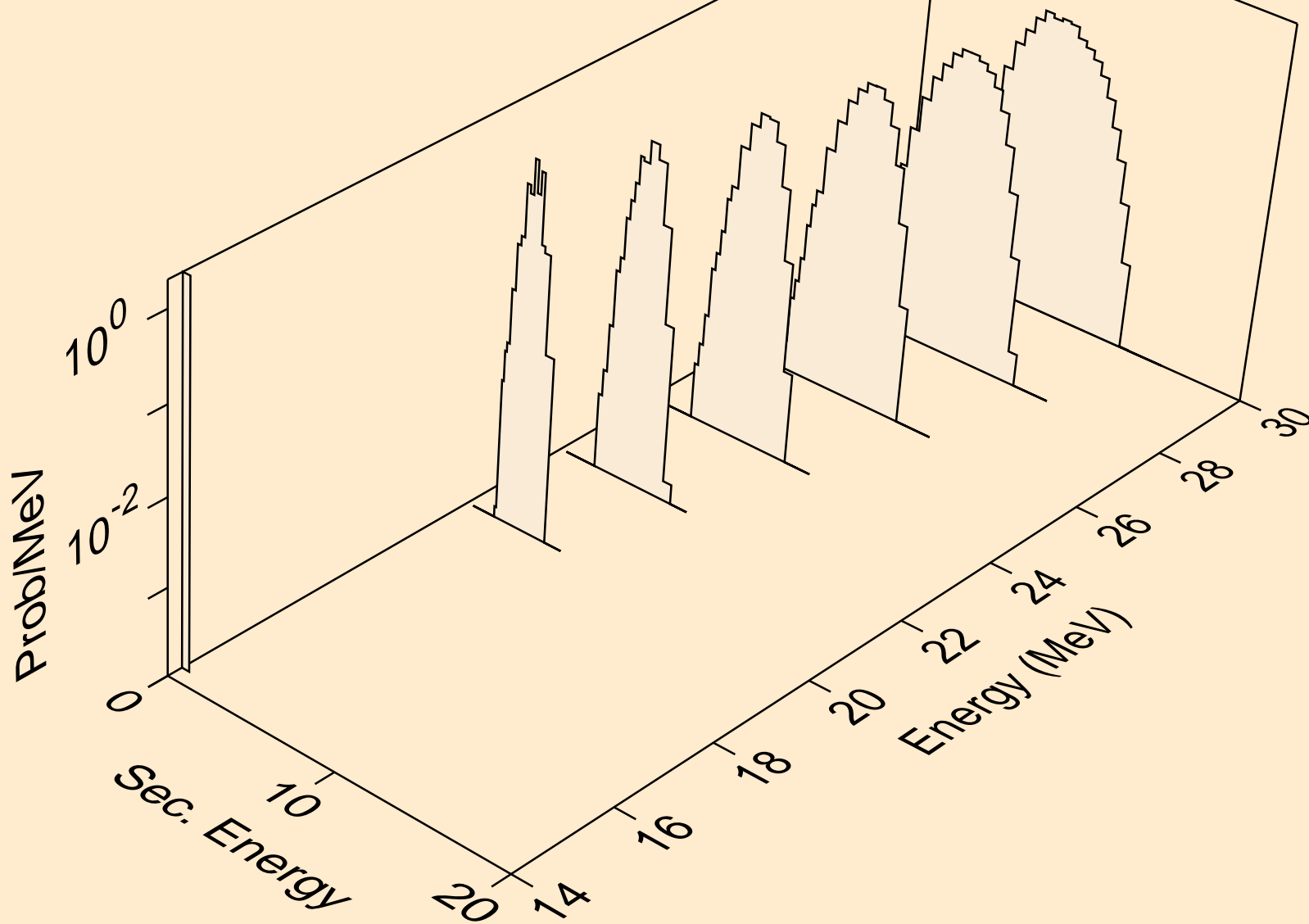
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)

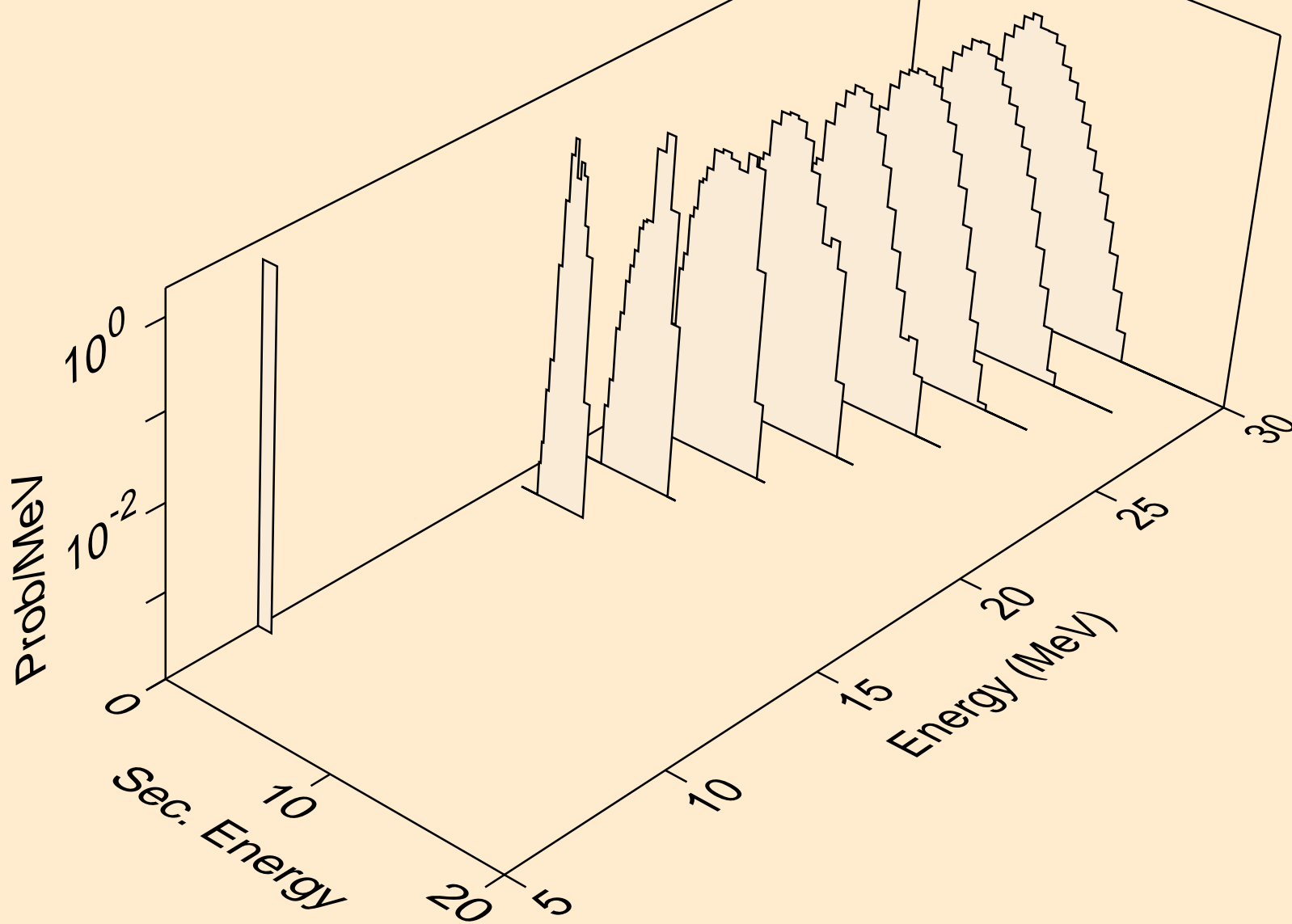


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)

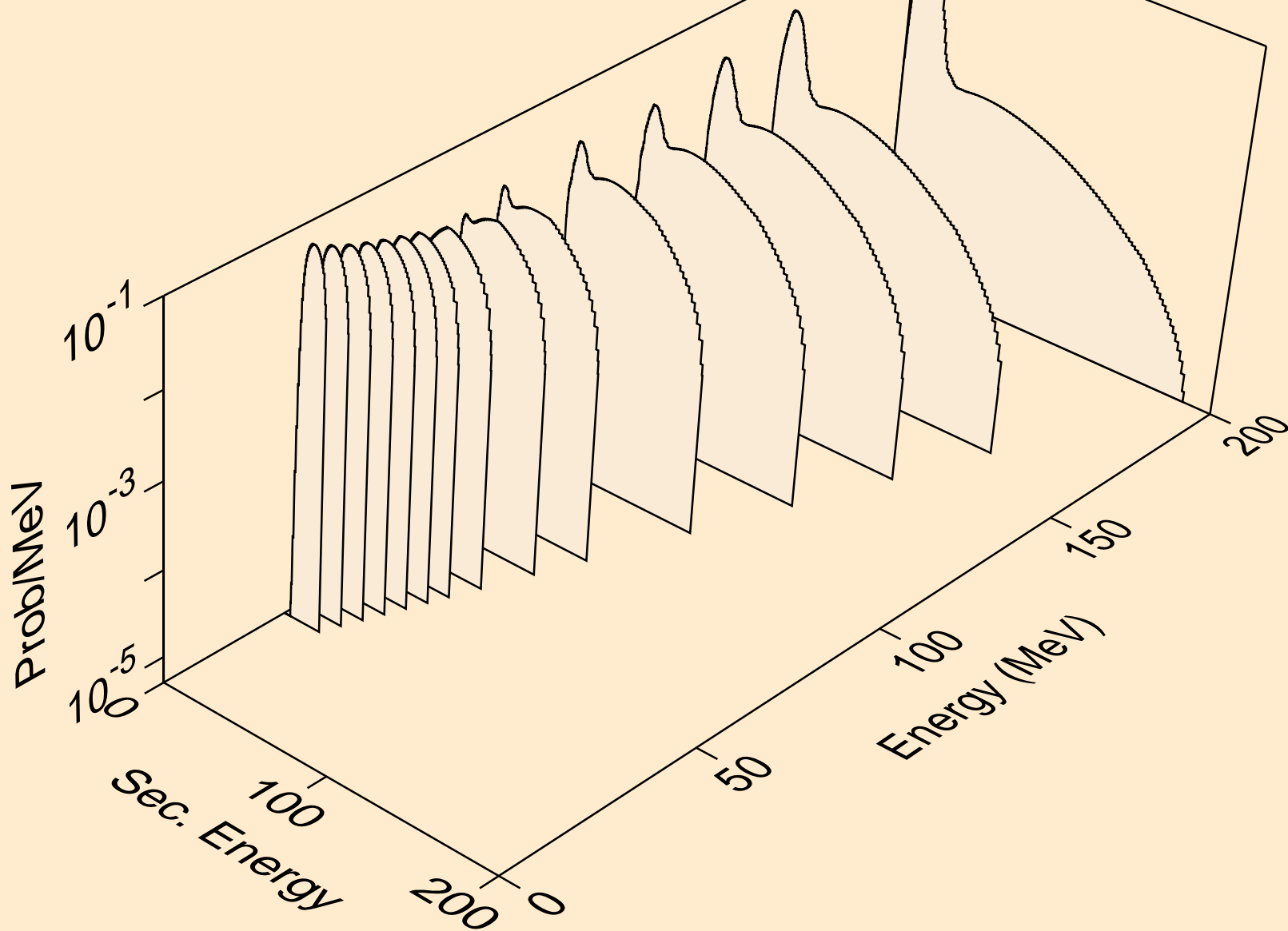




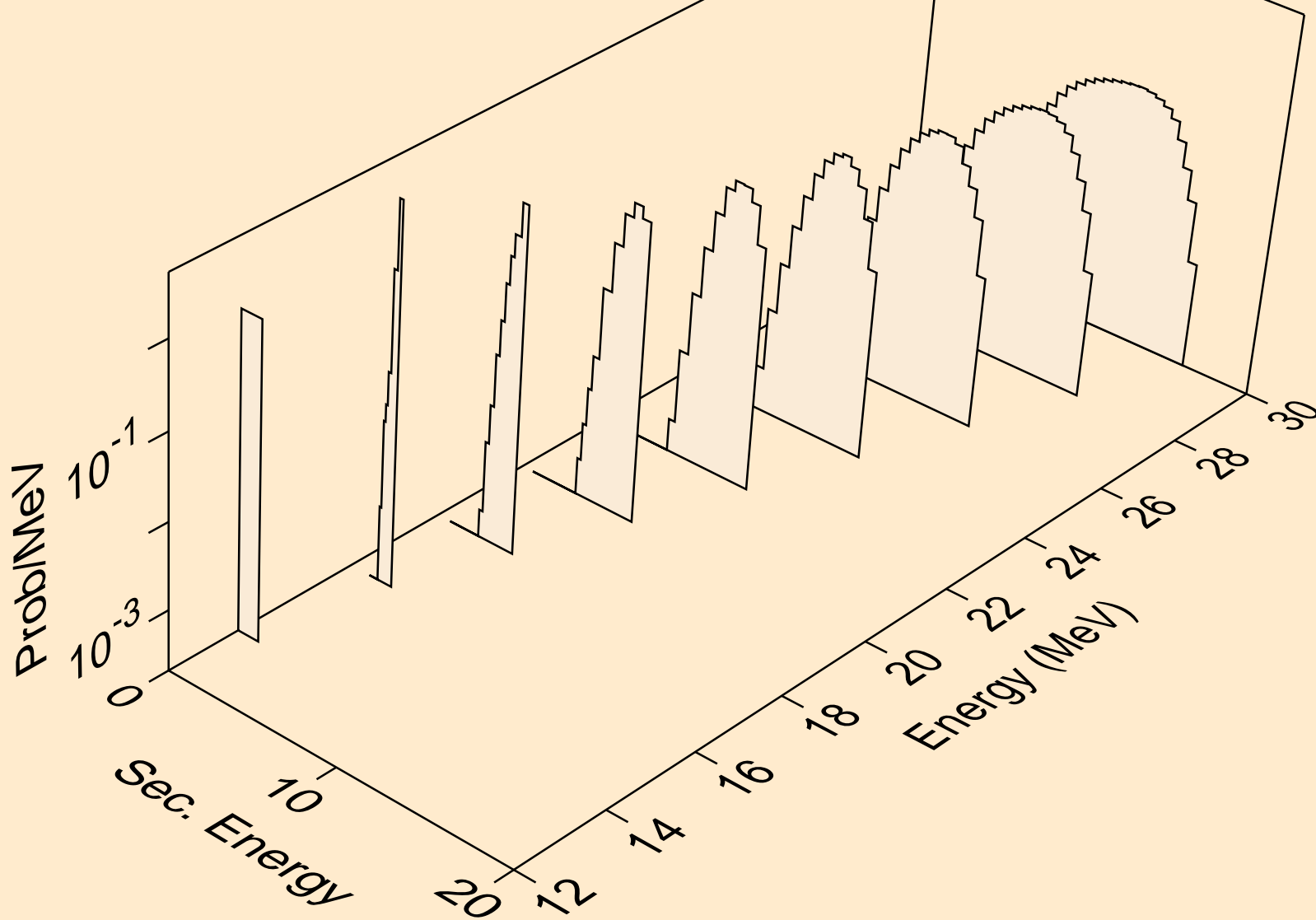
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



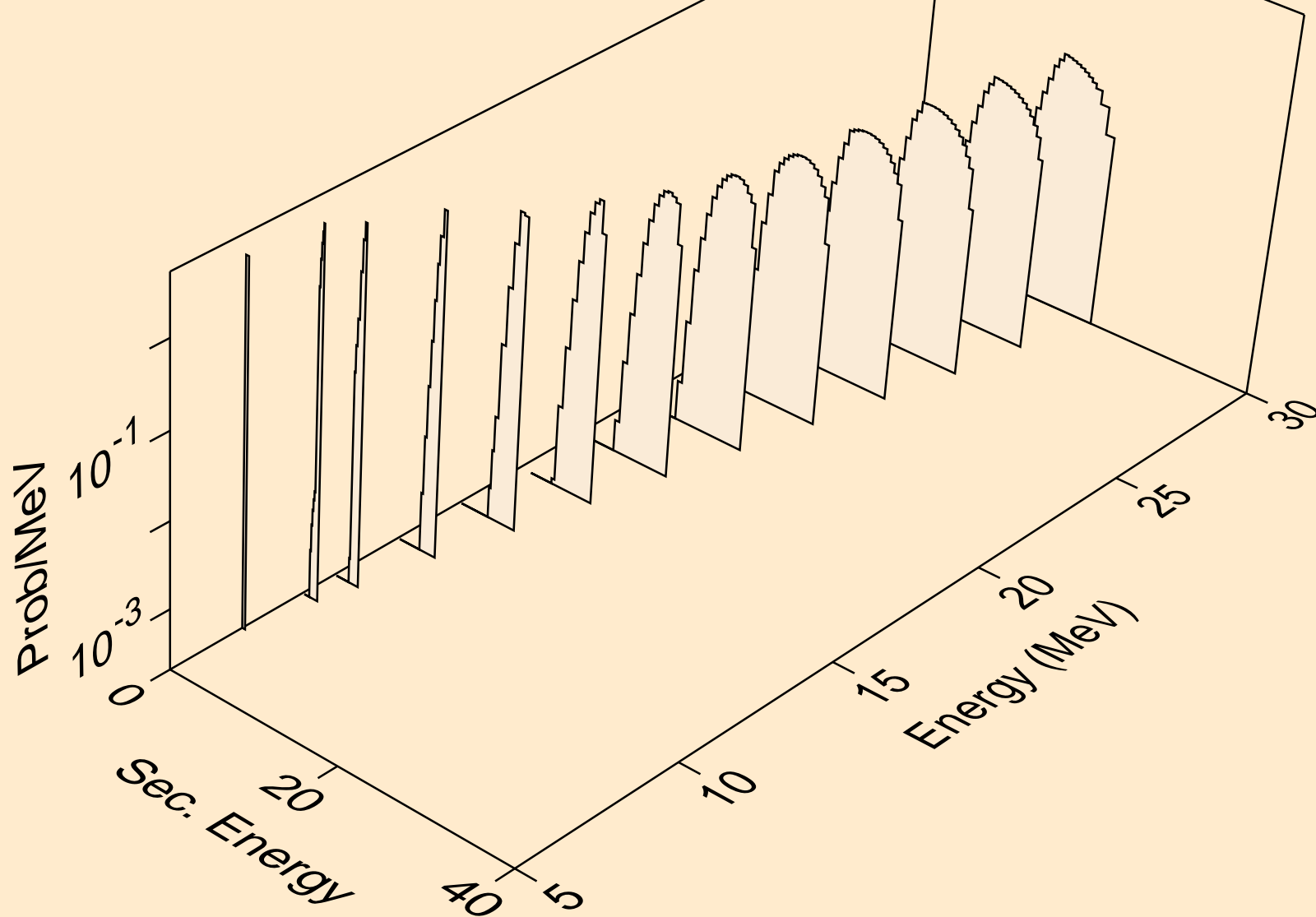
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



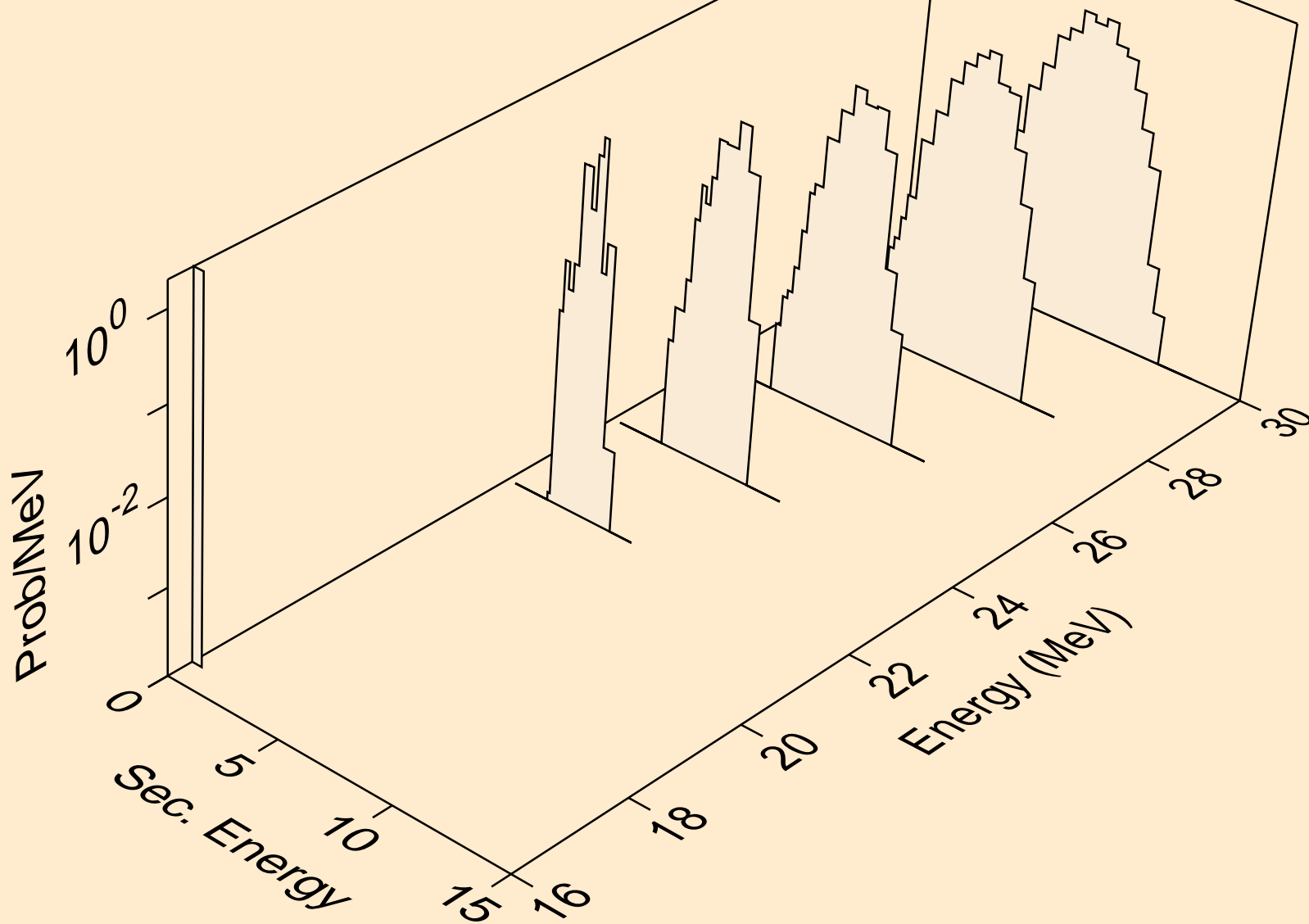
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



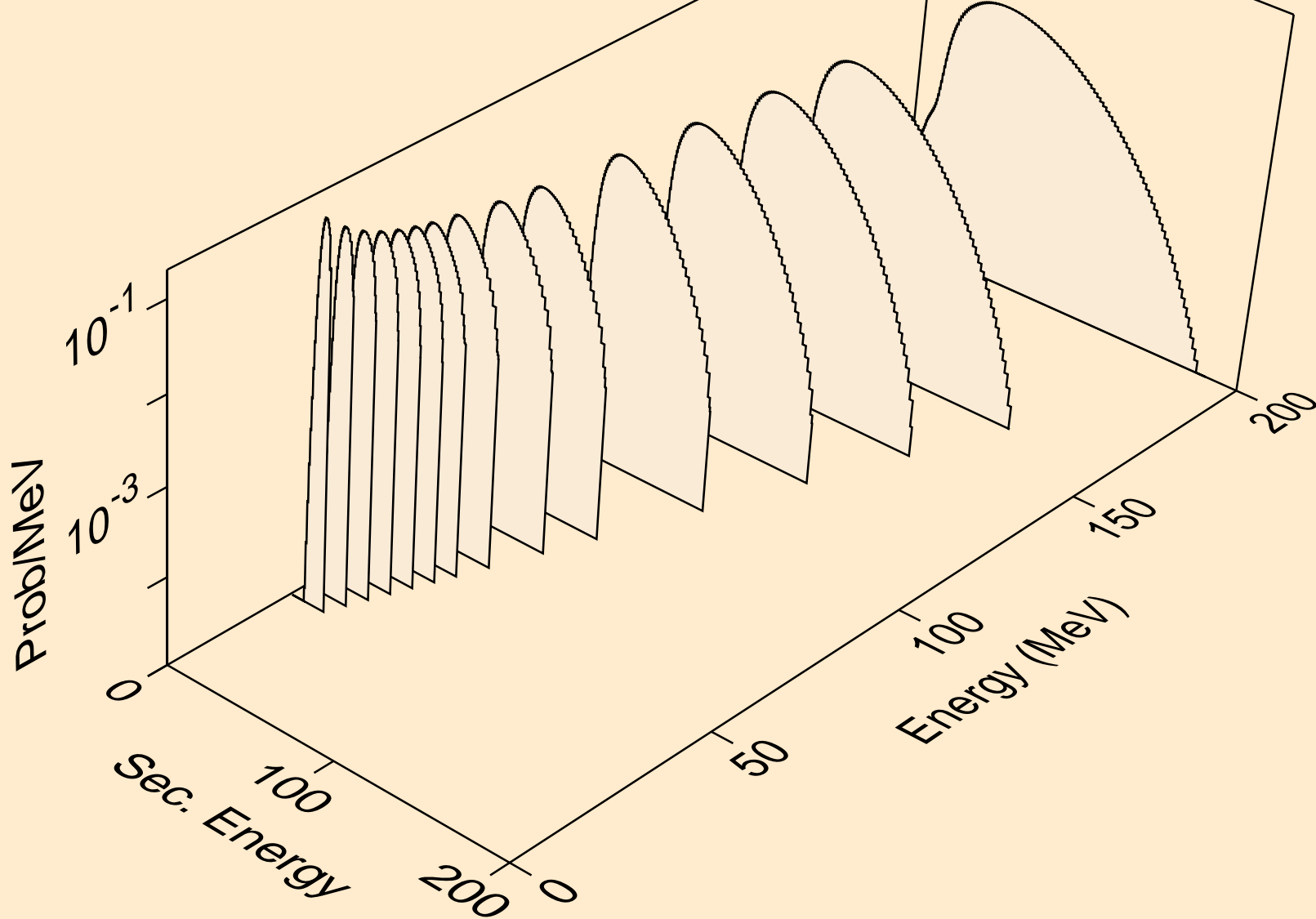
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



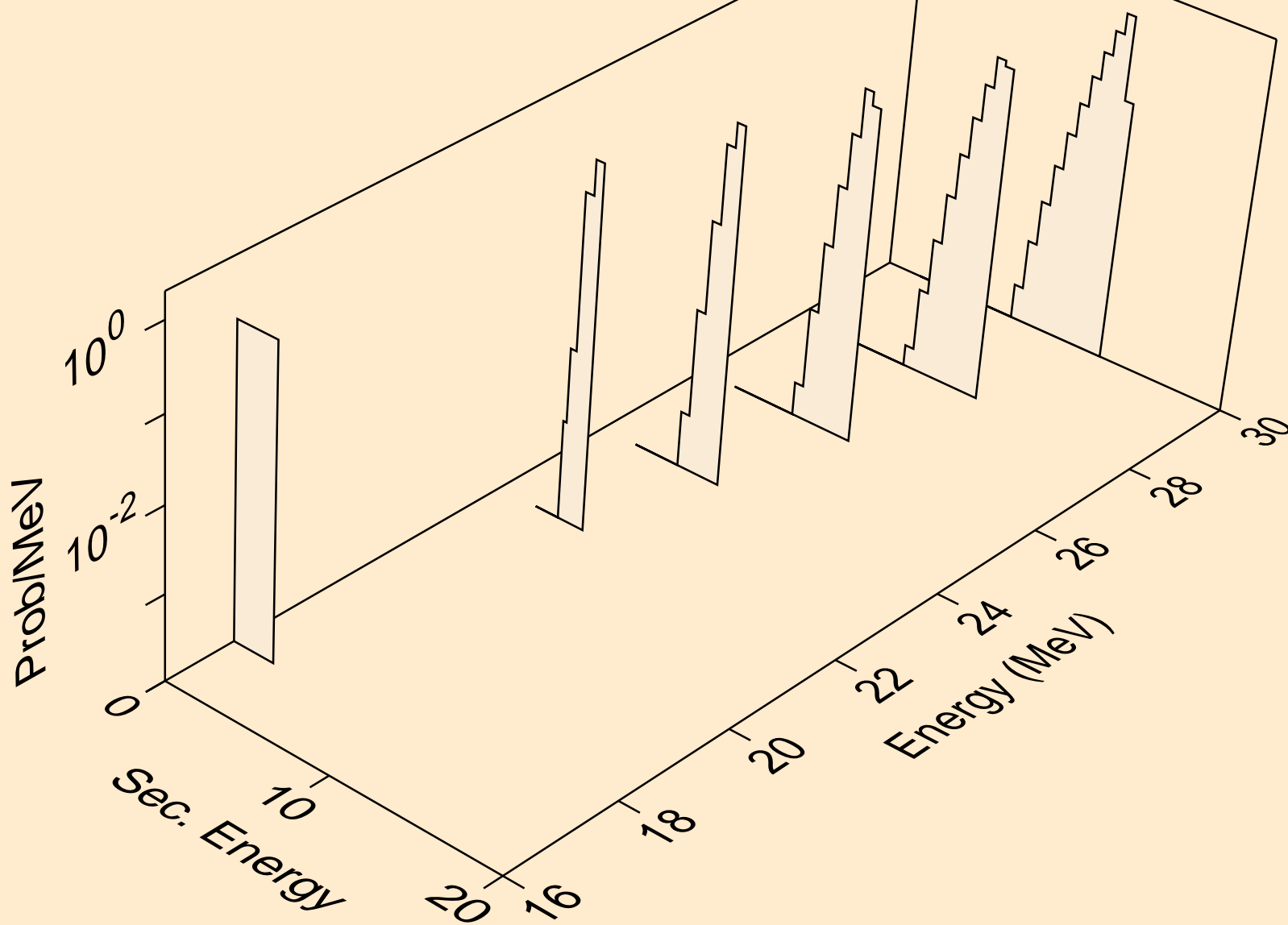
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



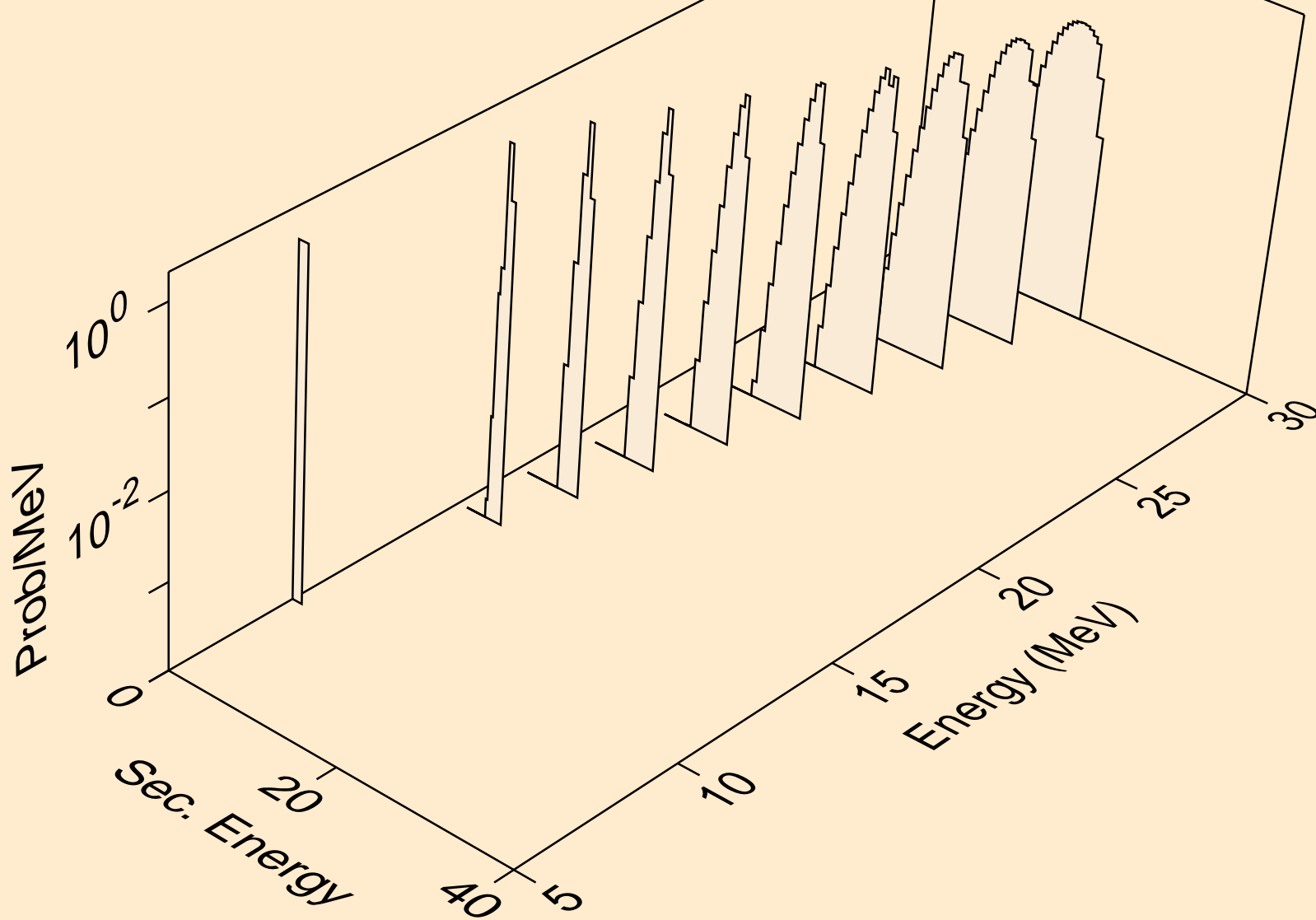
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3

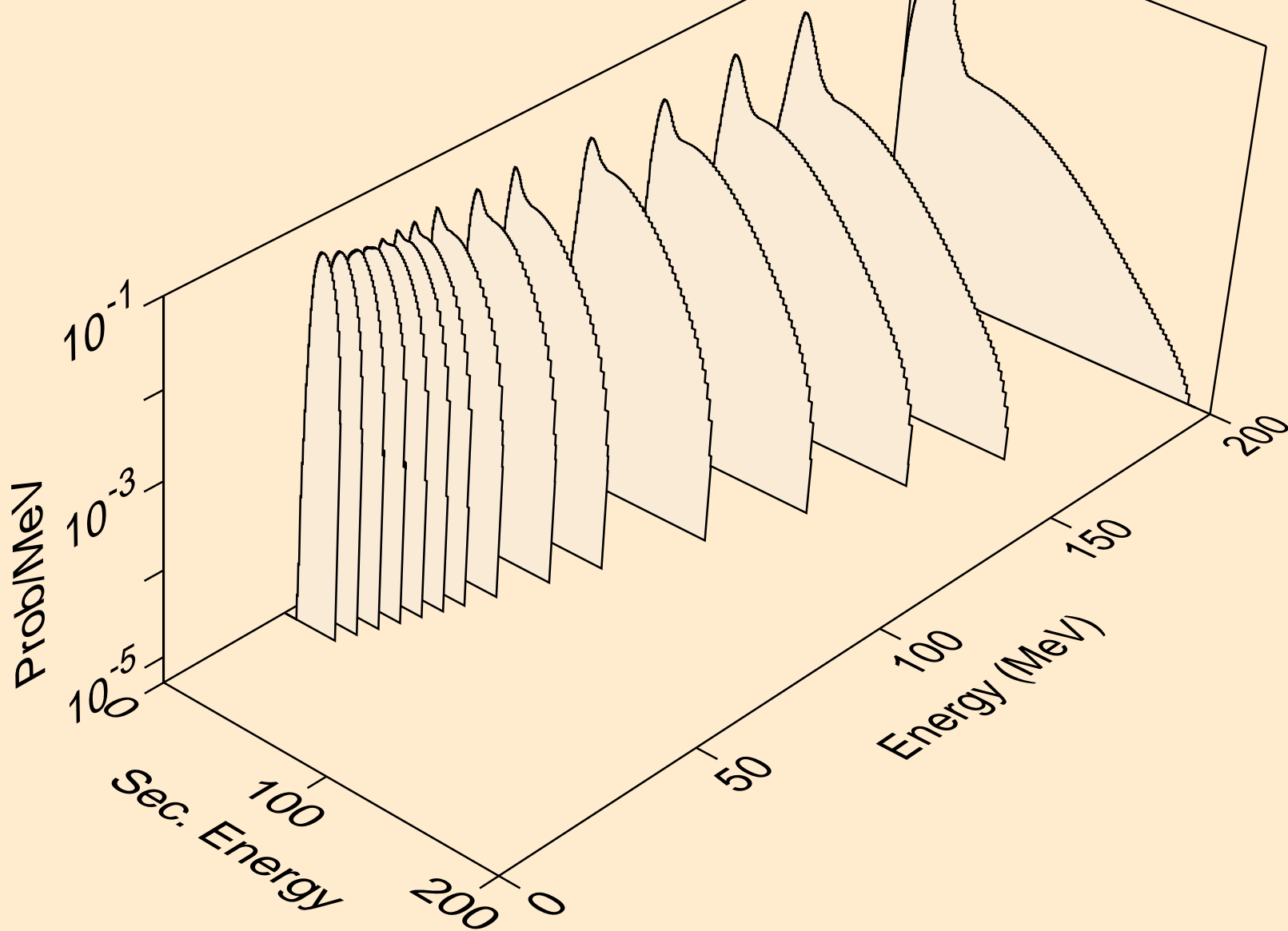


I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)

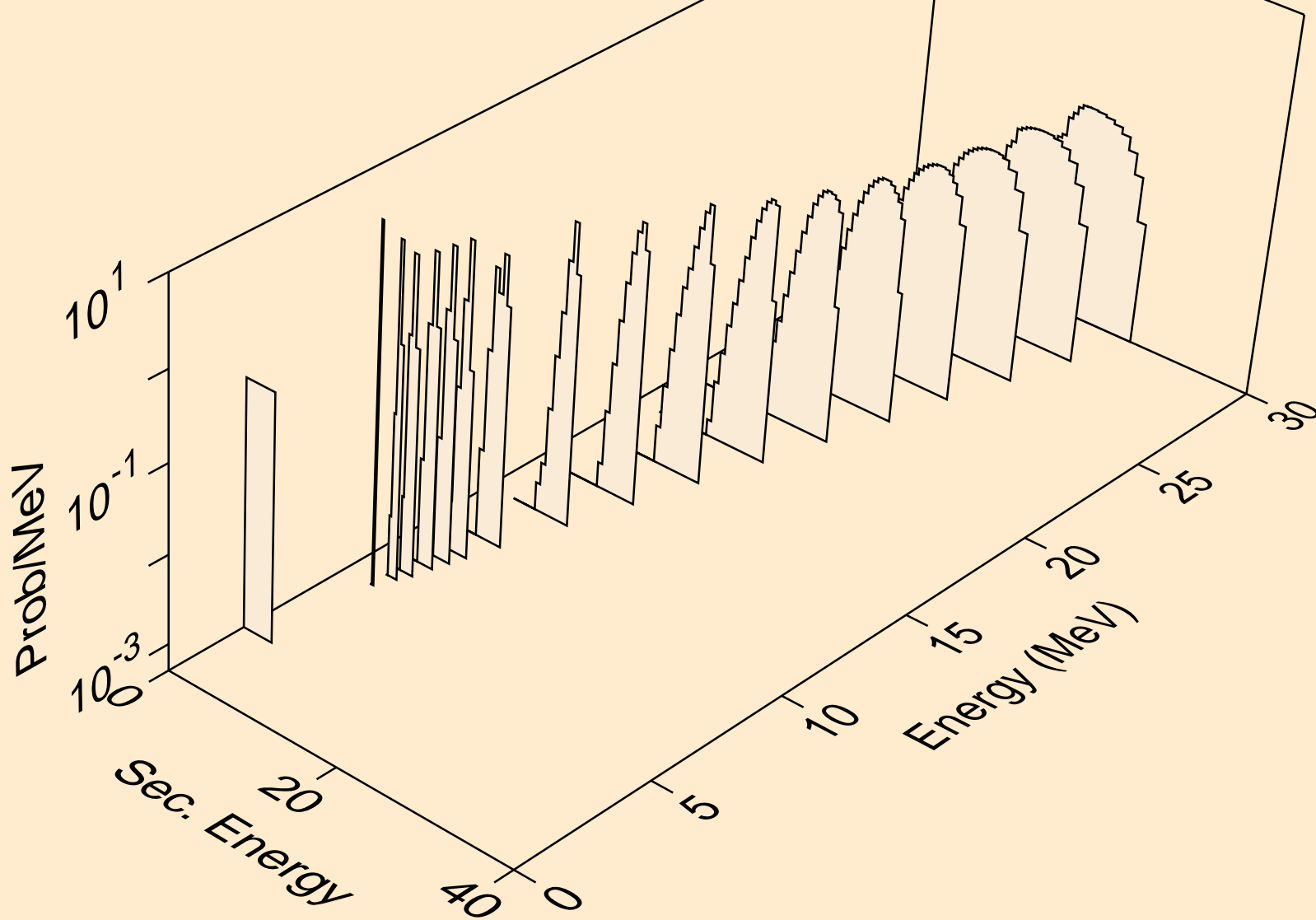




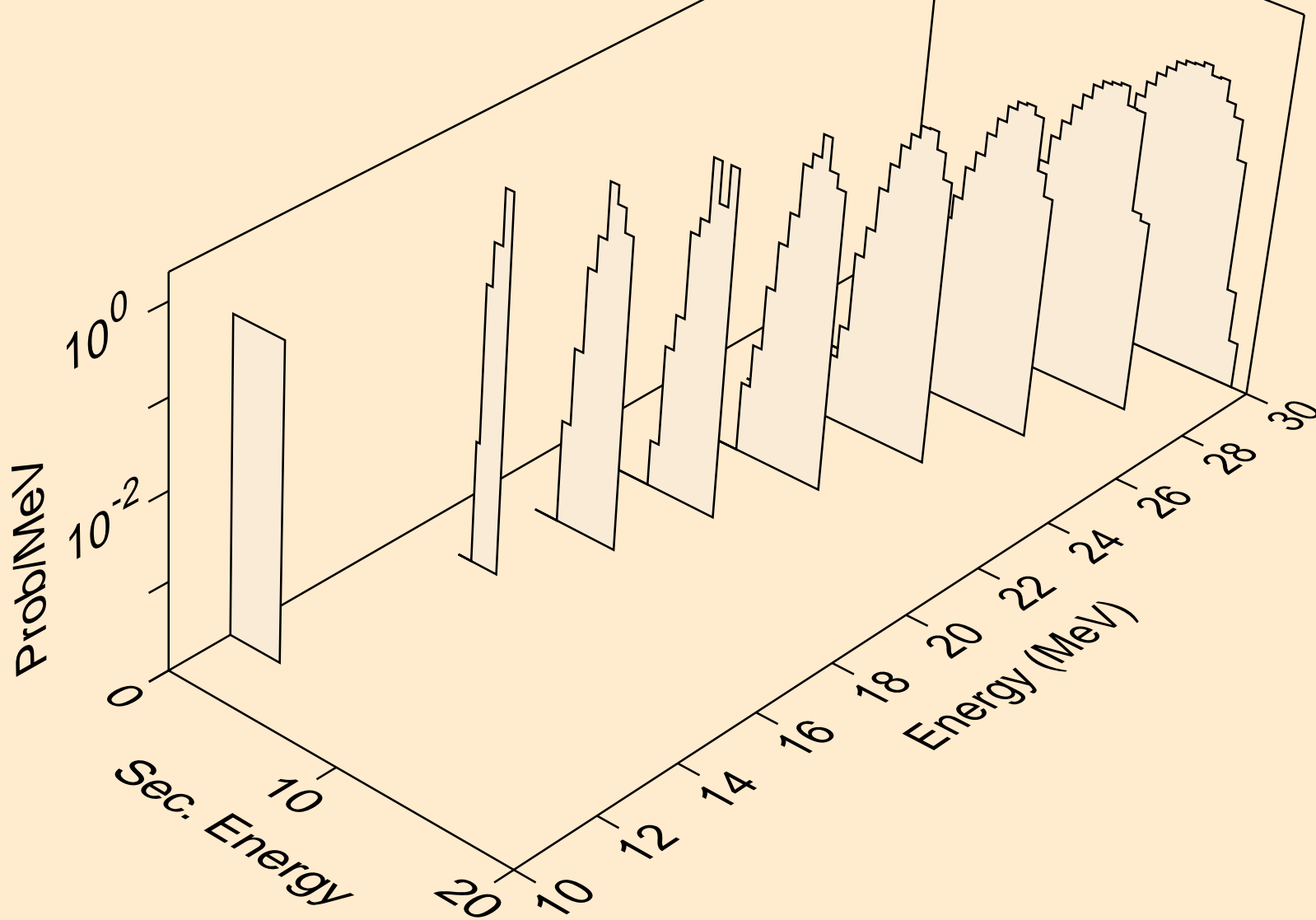
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



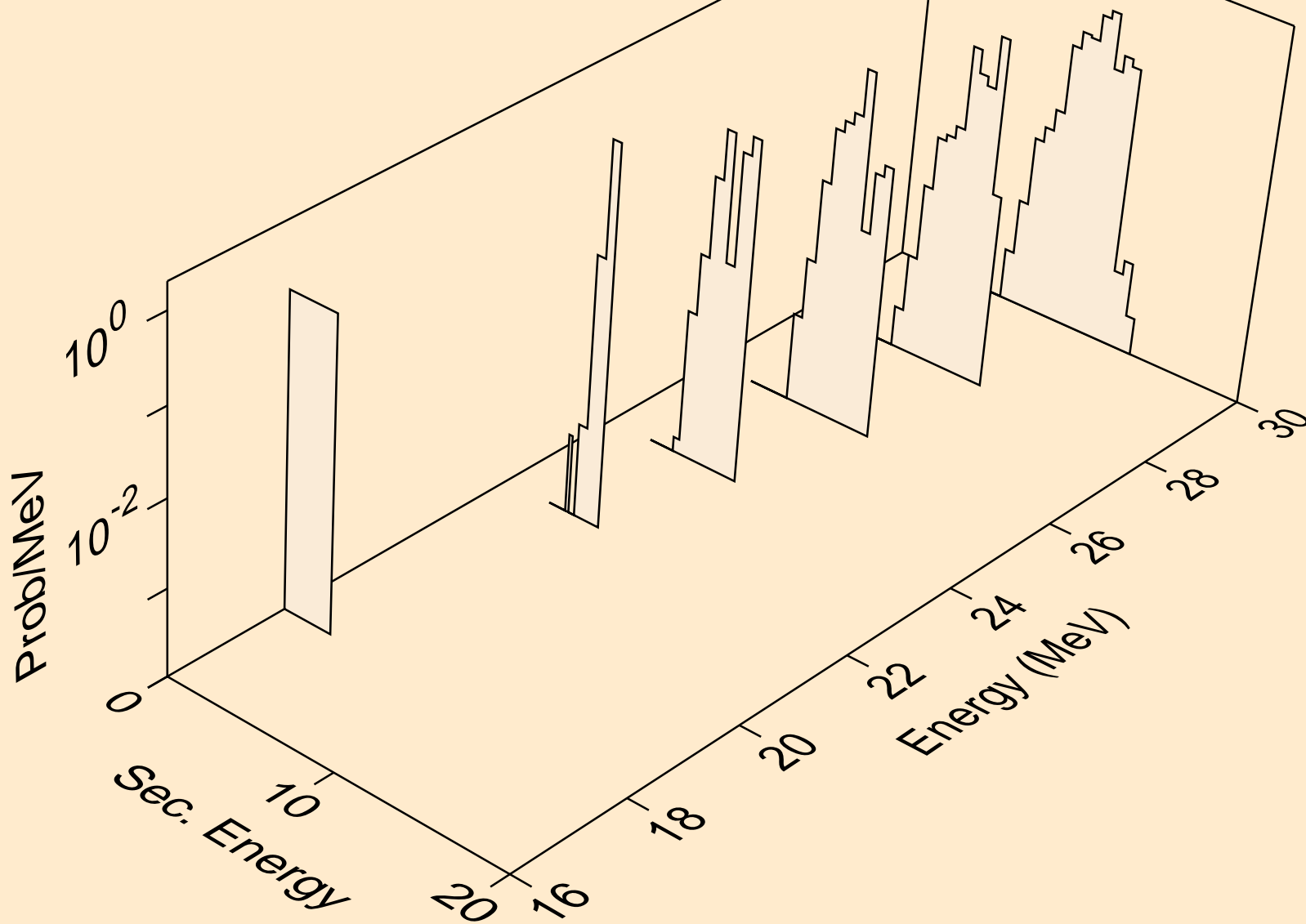
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



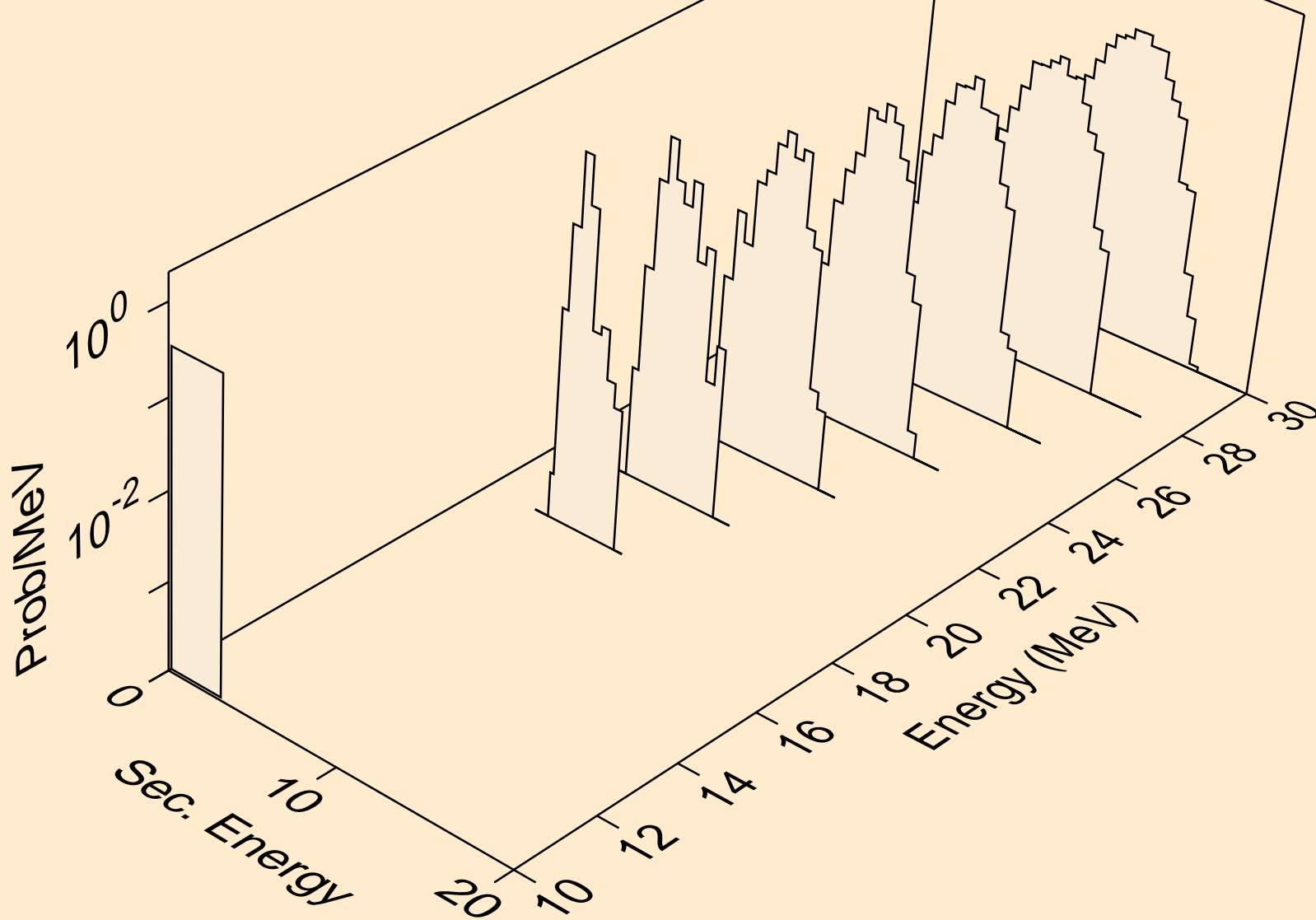
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



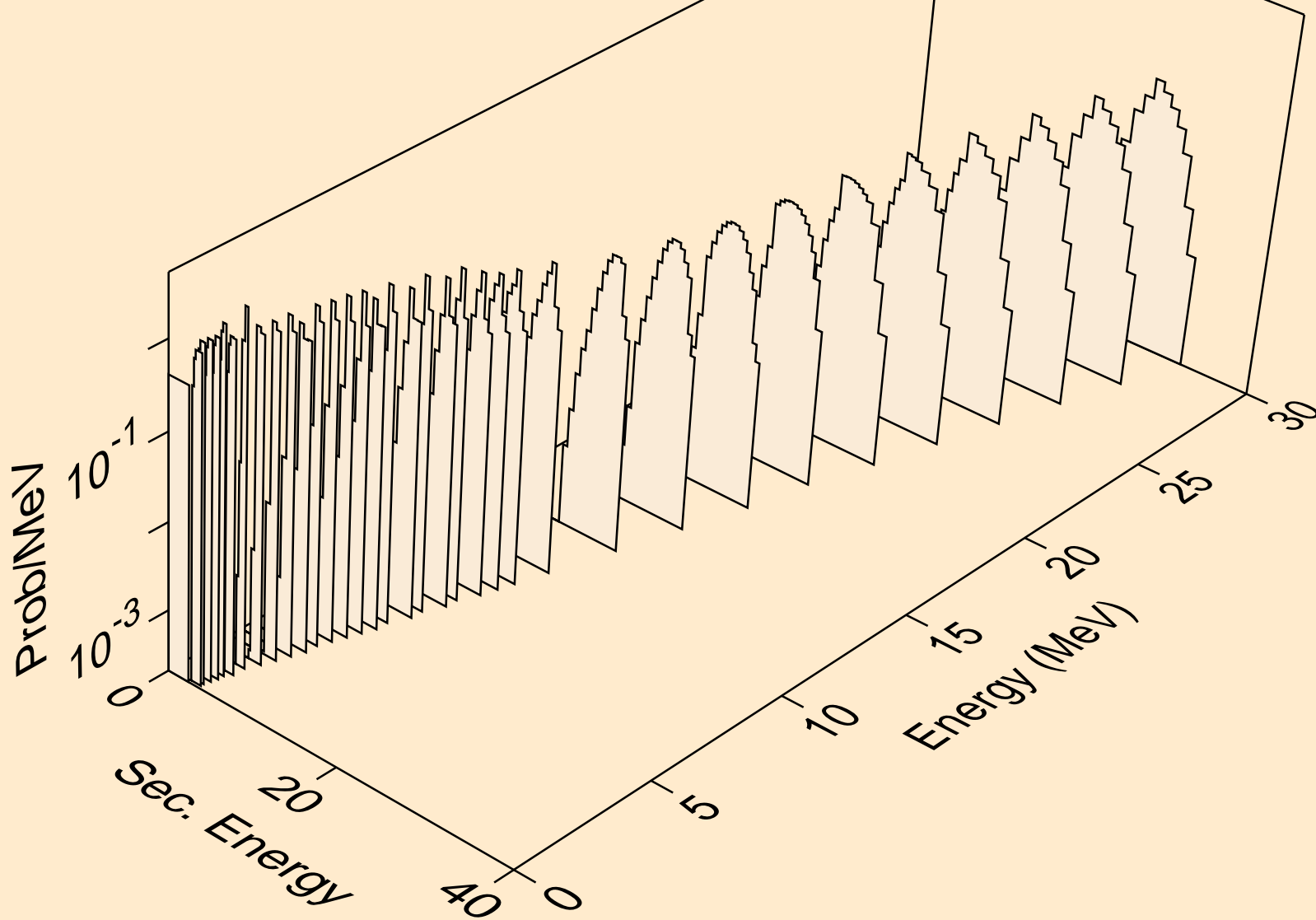
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



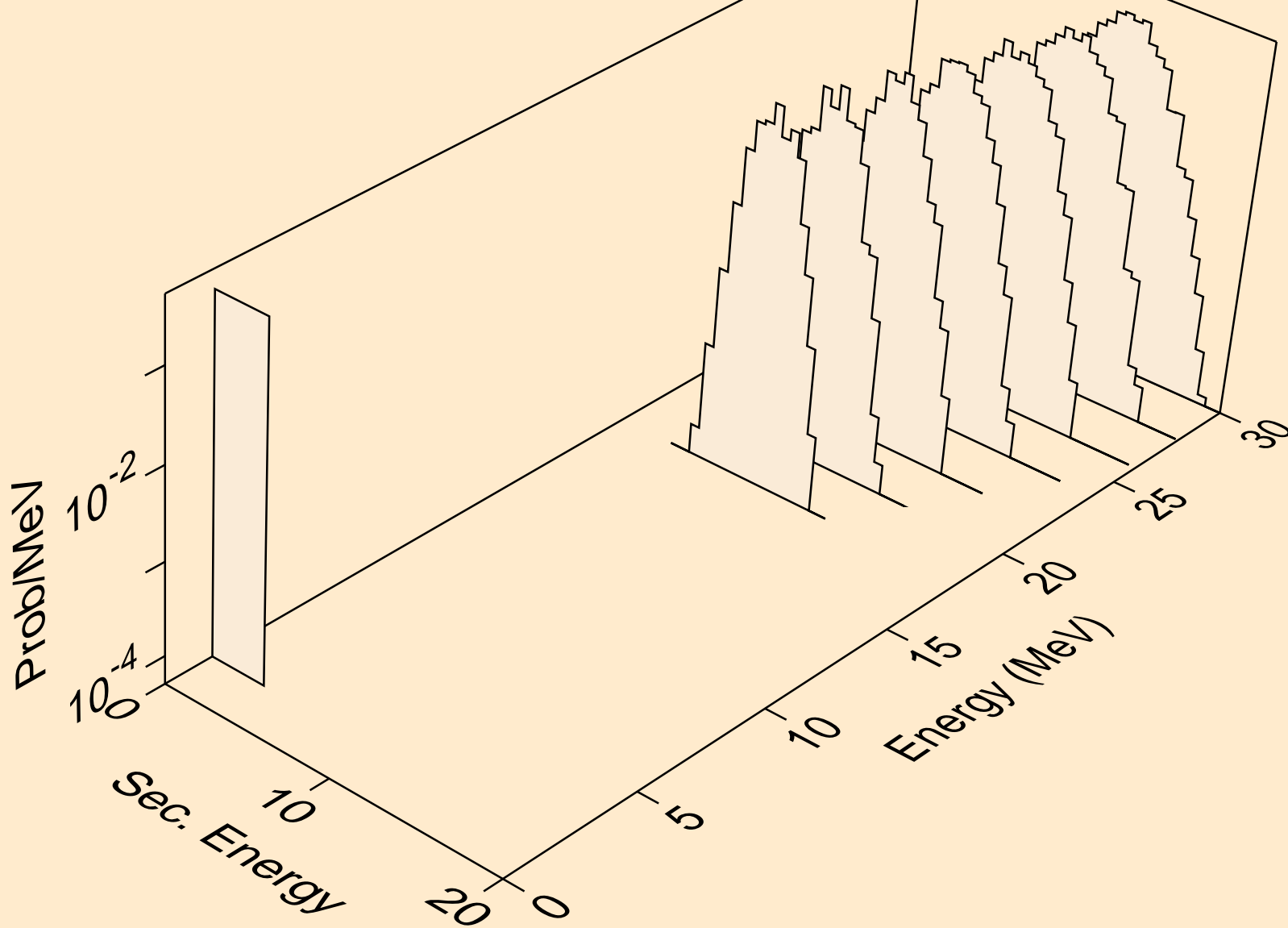
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



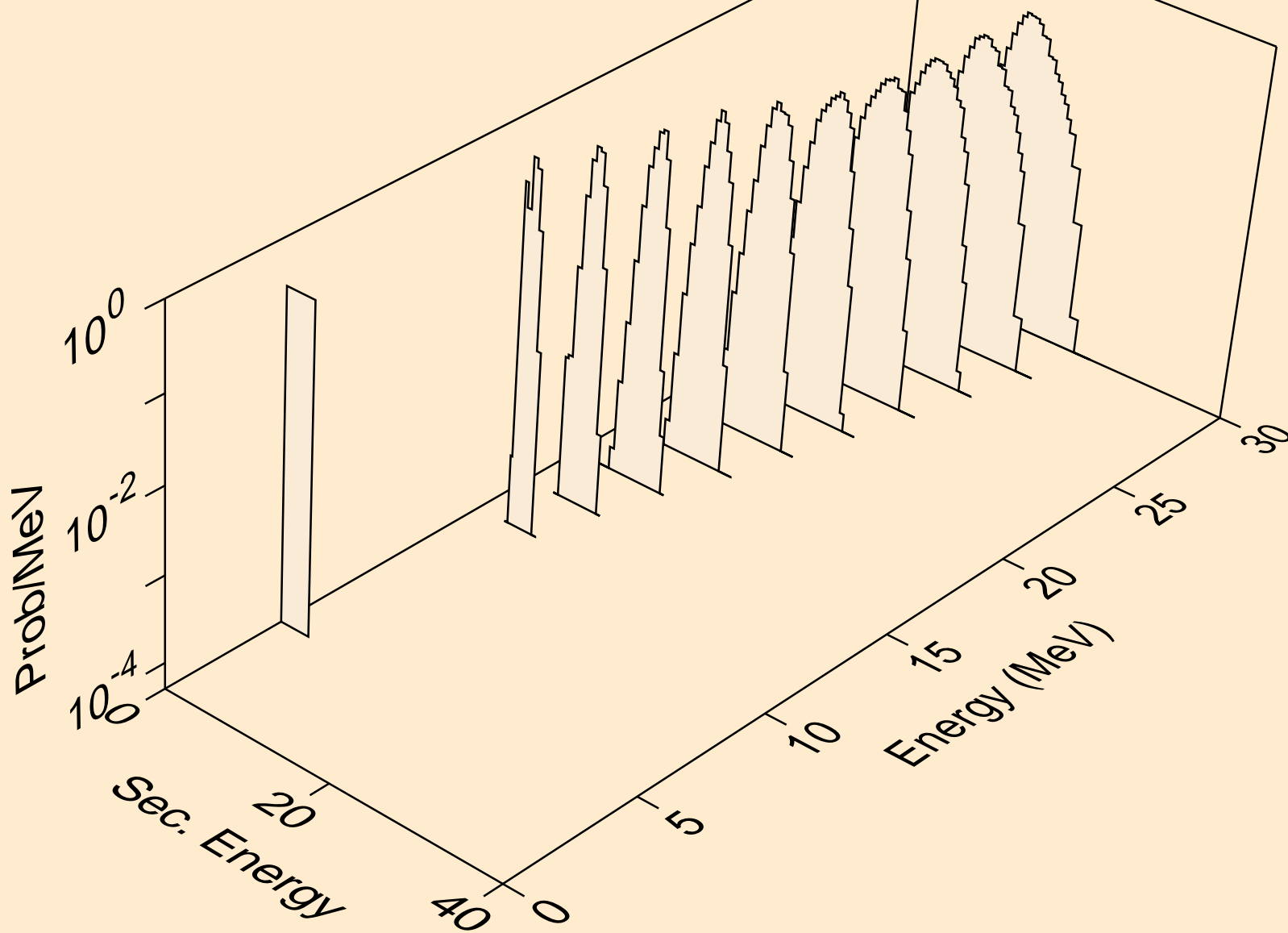
I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)





I129 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

