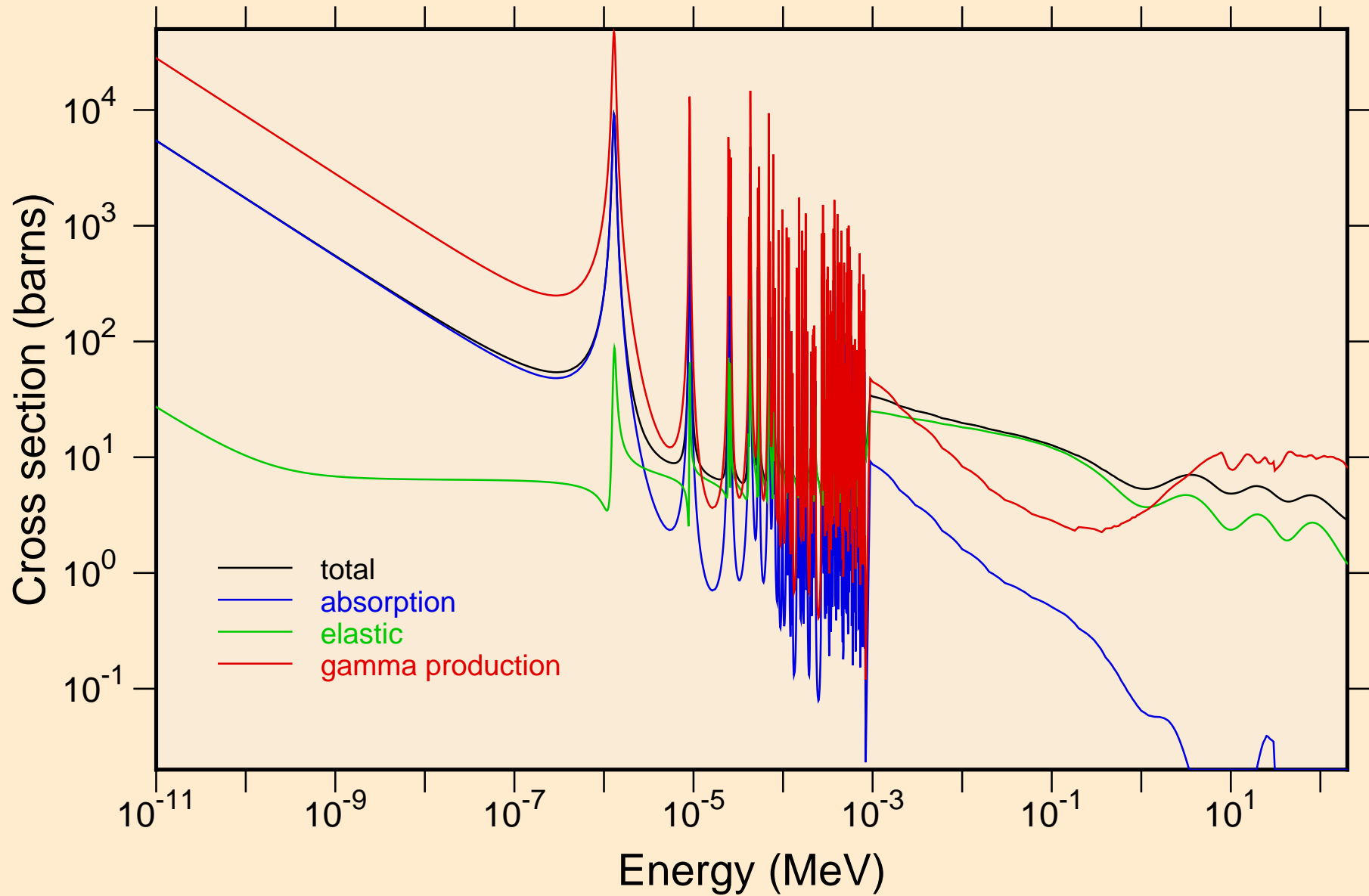
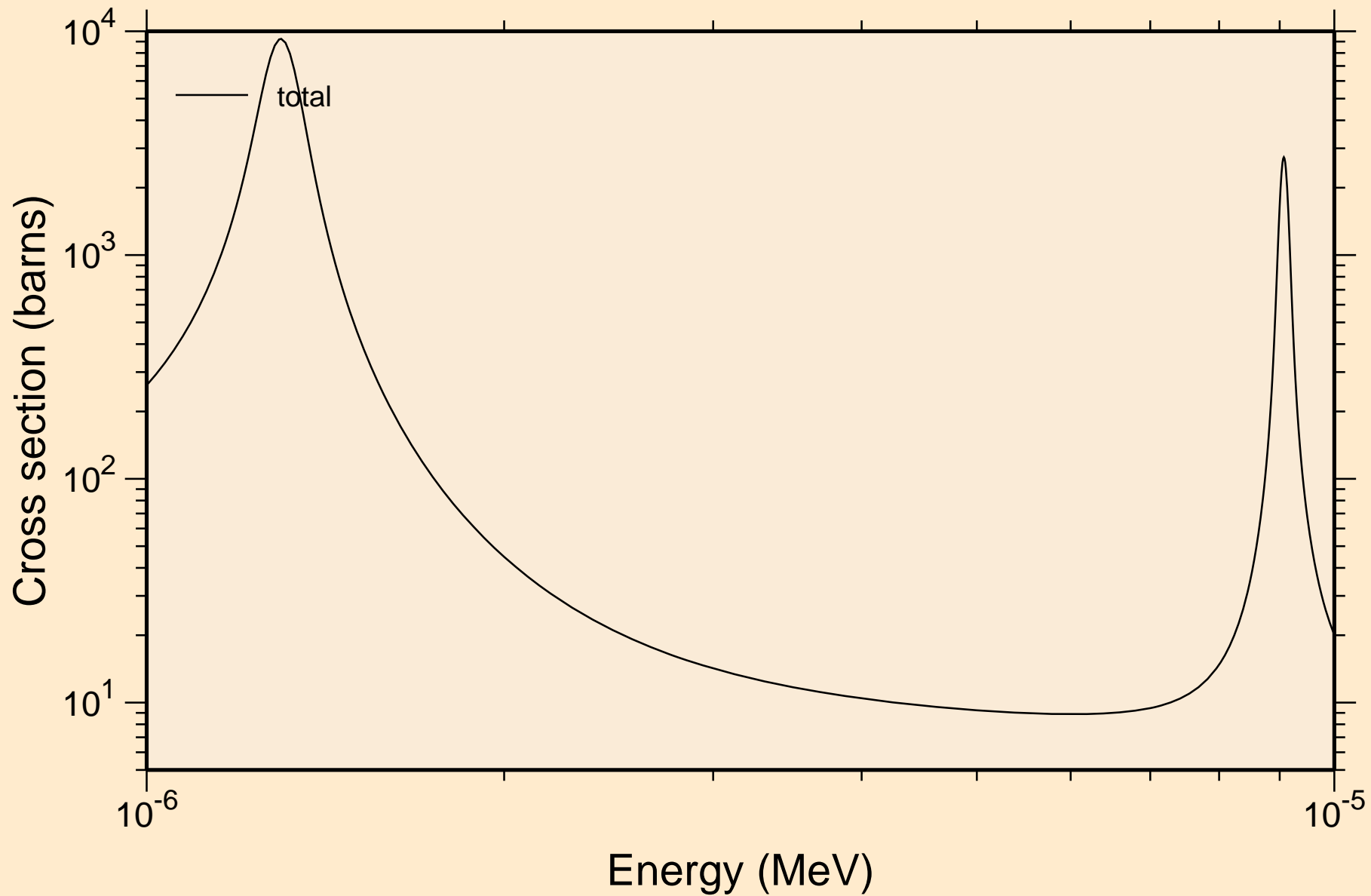


# IR193 NRG TENDL-2015, AKONING

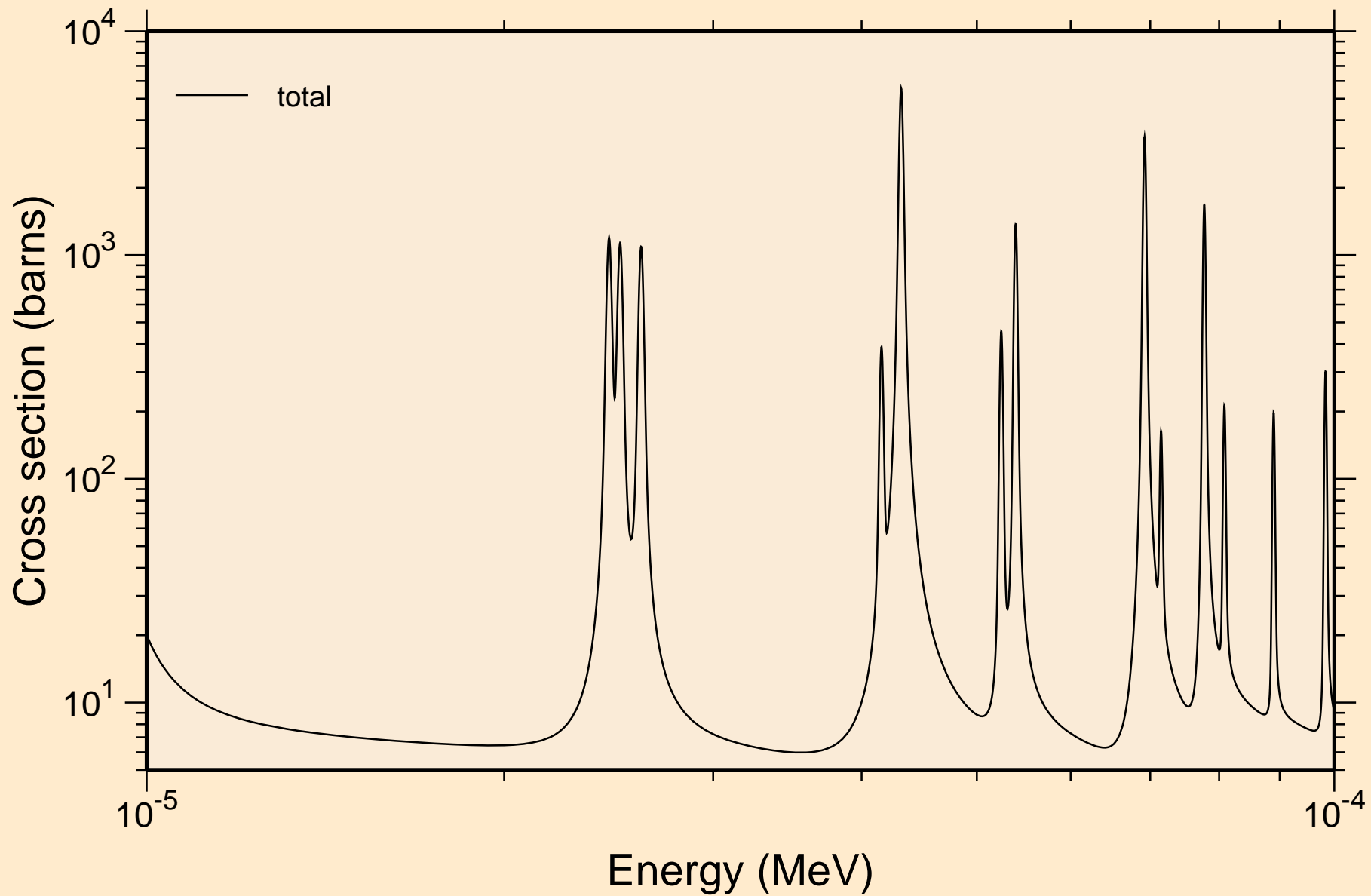
## Principal cross sections



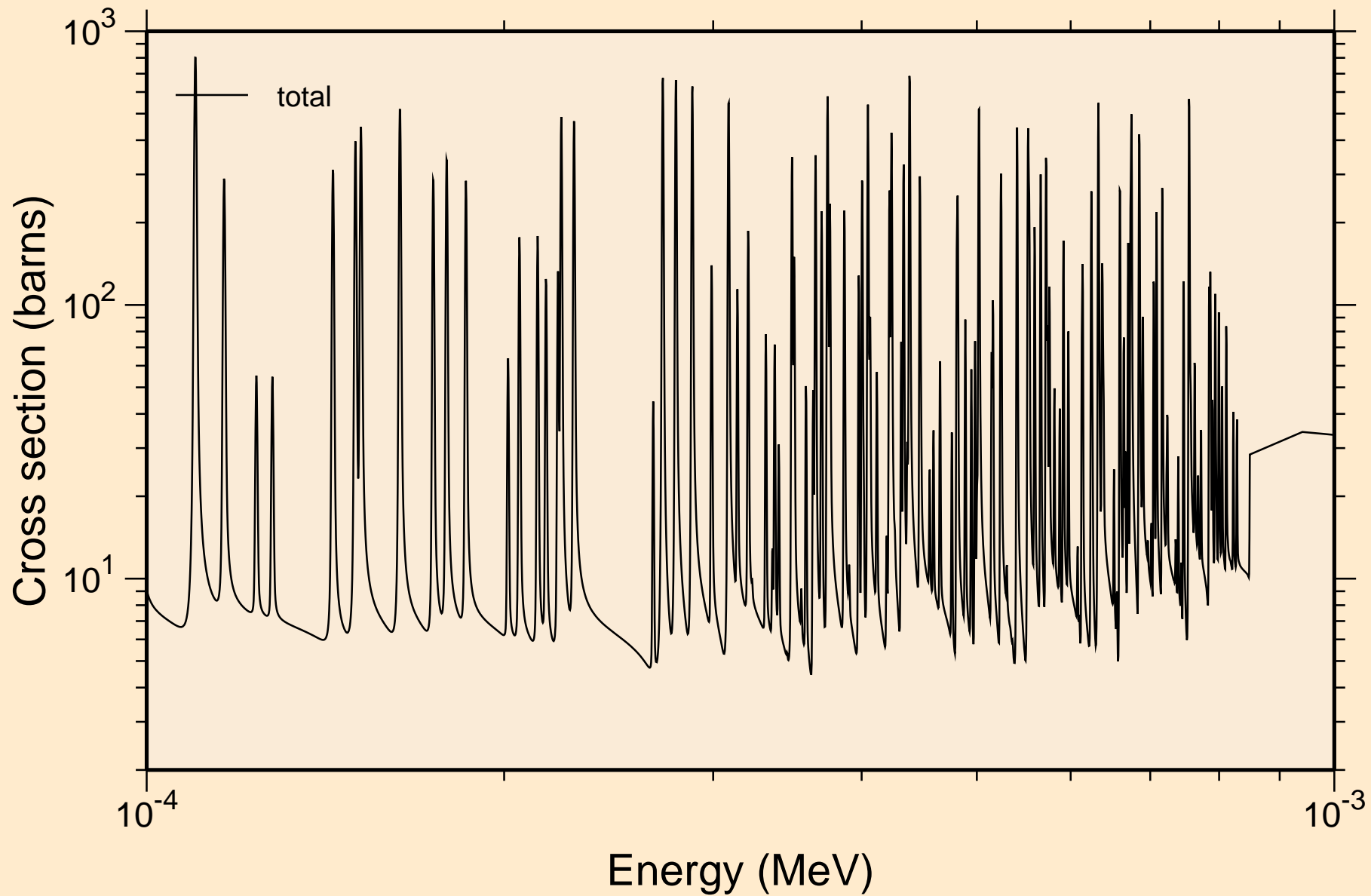
IR193 NRG TENDL-2015, AKONING  
resonance total cross section



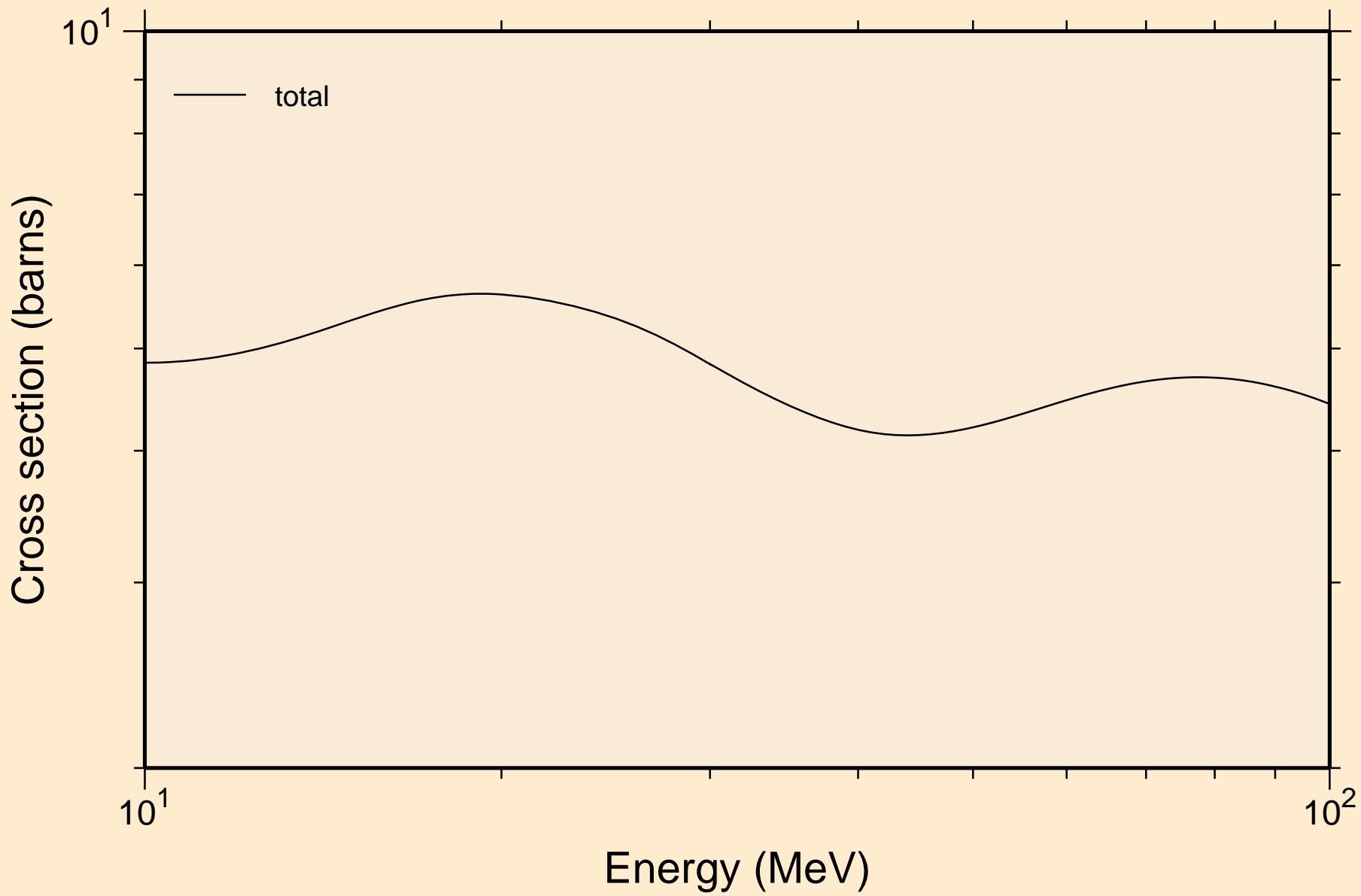
IR193 NRG TENDL-2015, AKONING  
resonance total cross section



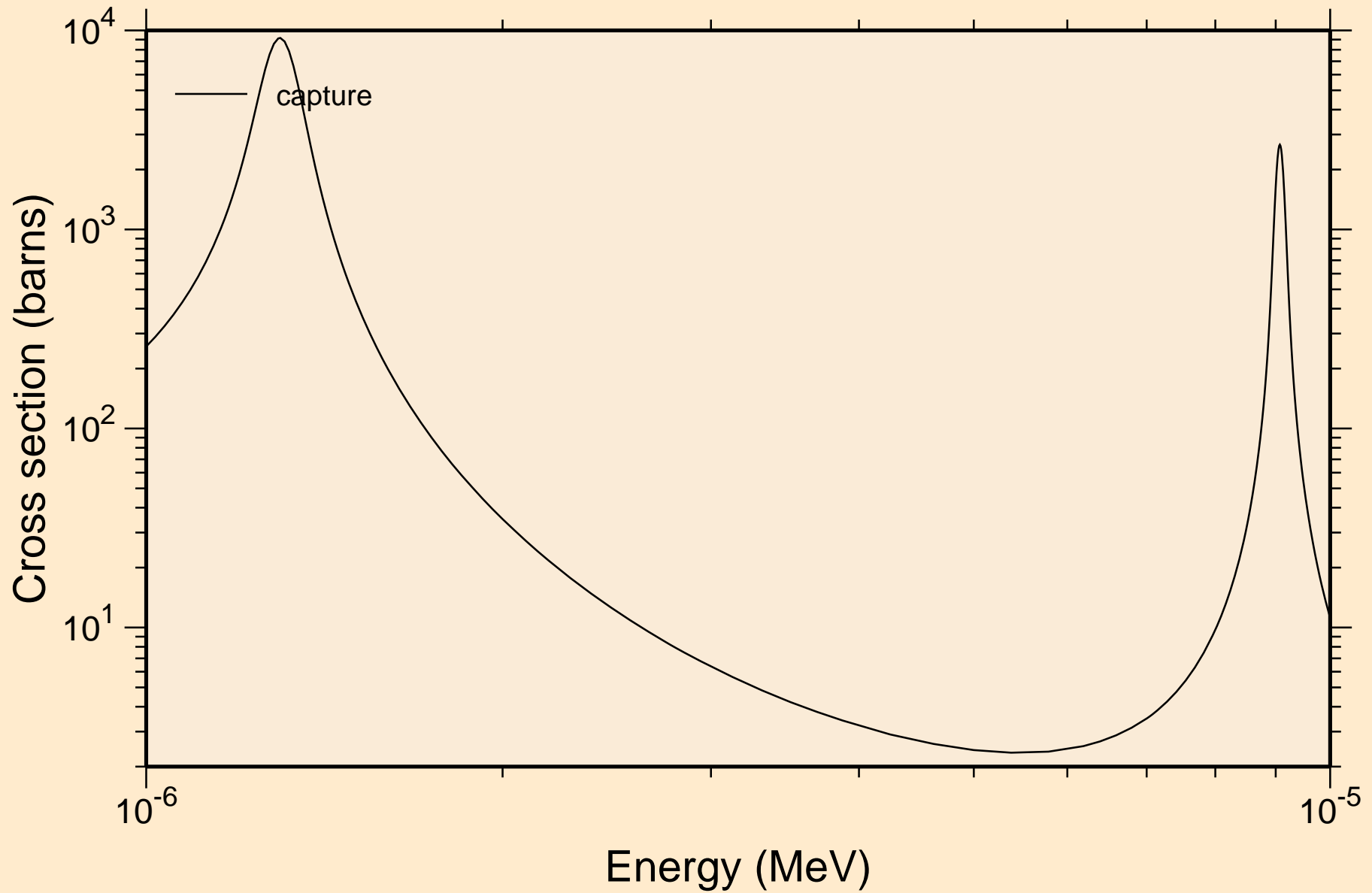
IR193 NRG TENDL-2015, AKONING  
resonance total cross section



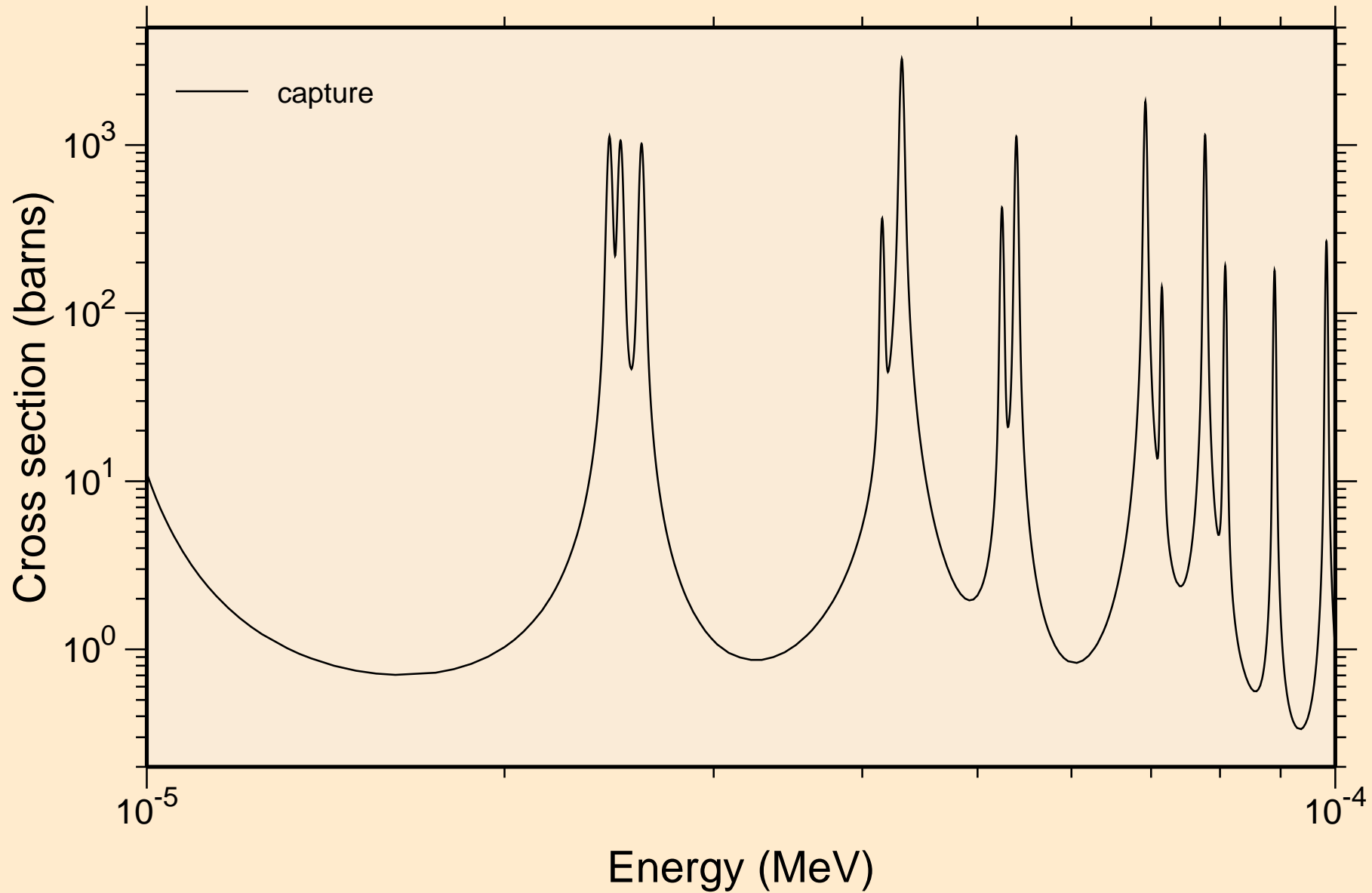
IR193 NRG TENDL-2015, AKONING  
resonance total cross section



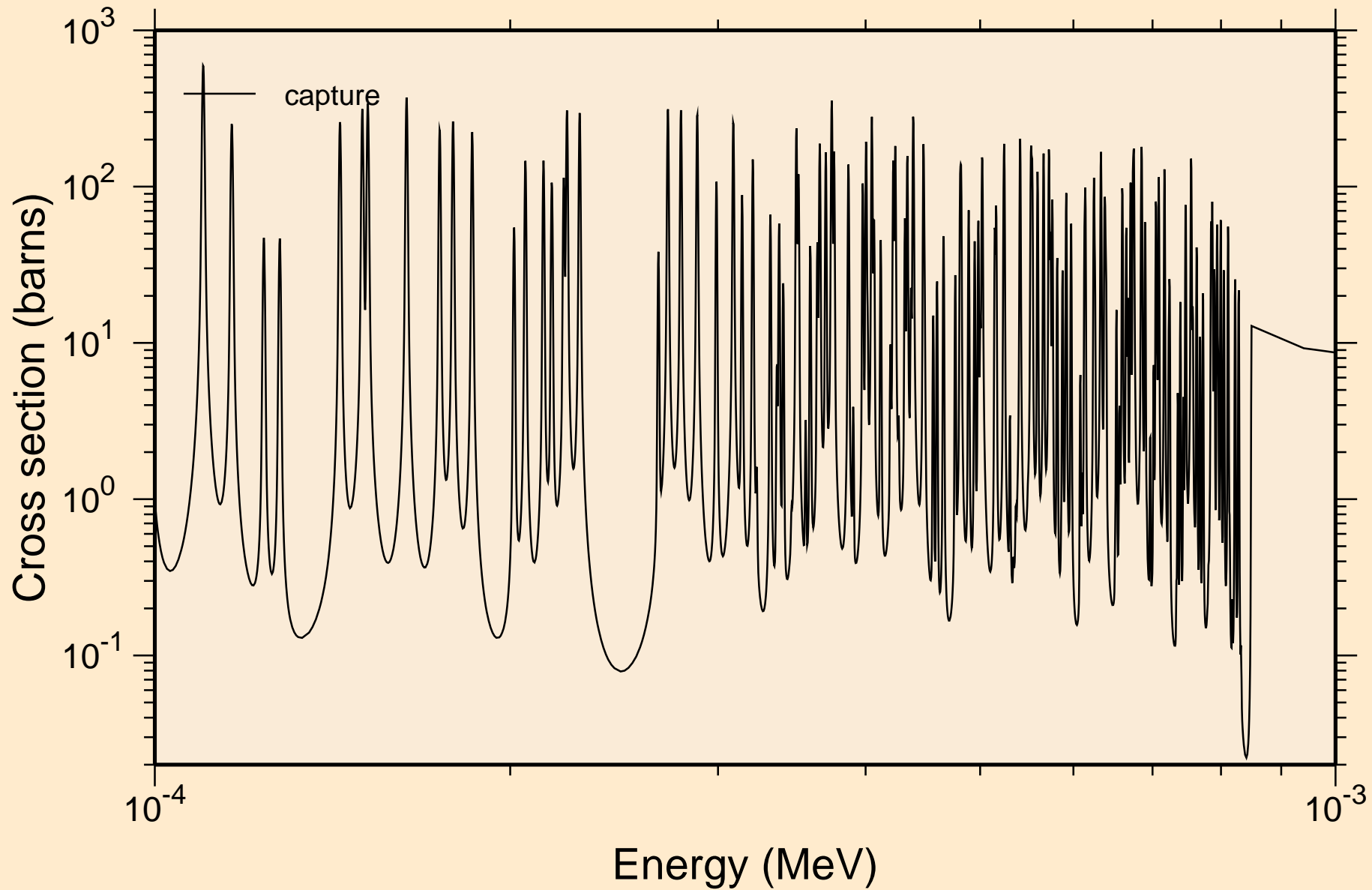
IR193 NRG TENDL-2015, AKONING  
resonance absorption cross sections



IR193 NRG TENDL-2015, AKONING  
resonance absorption cross sections

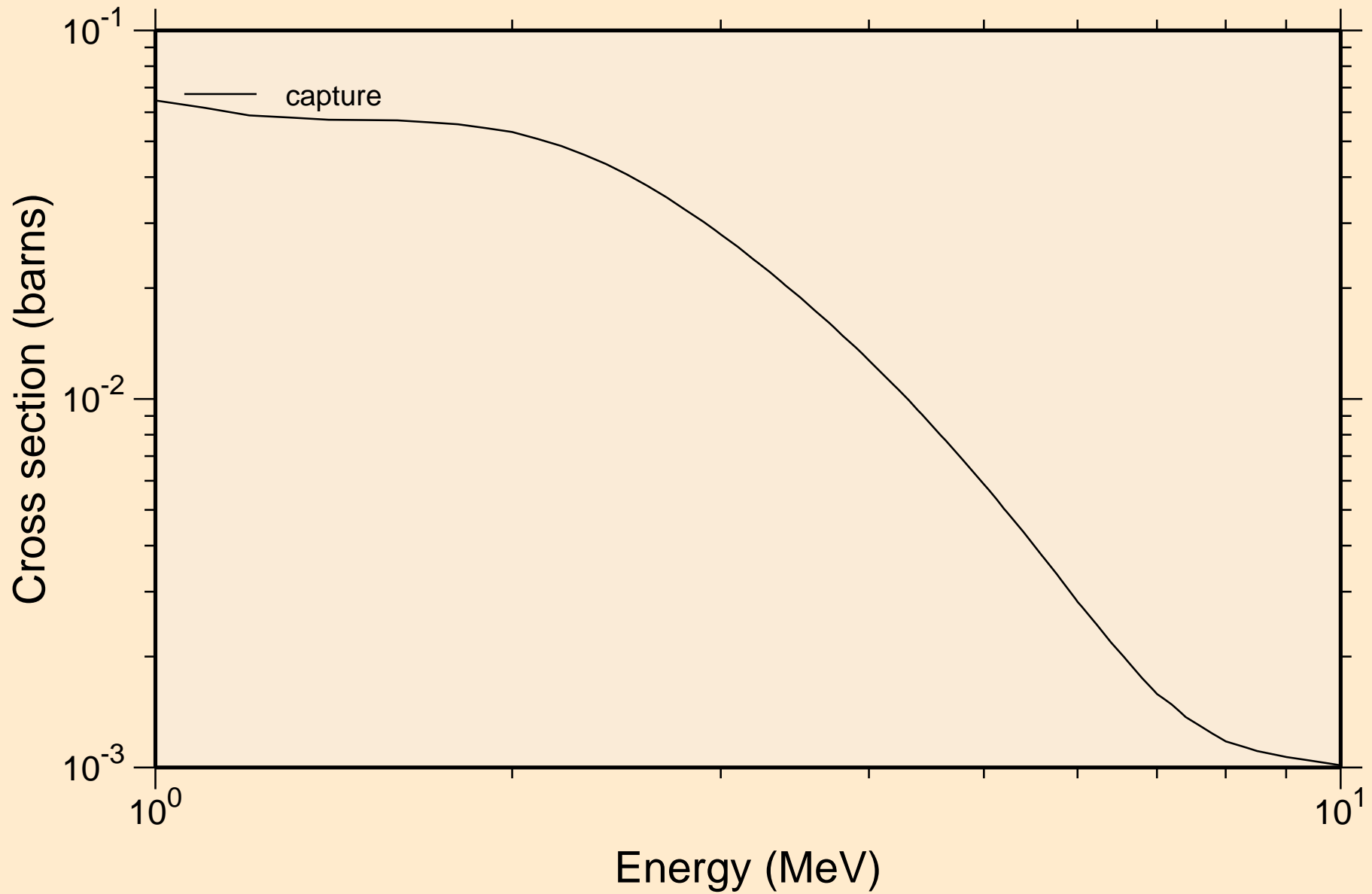


IR193 NRG TENDL-2015, AKONING  
resonance absorption cross sections

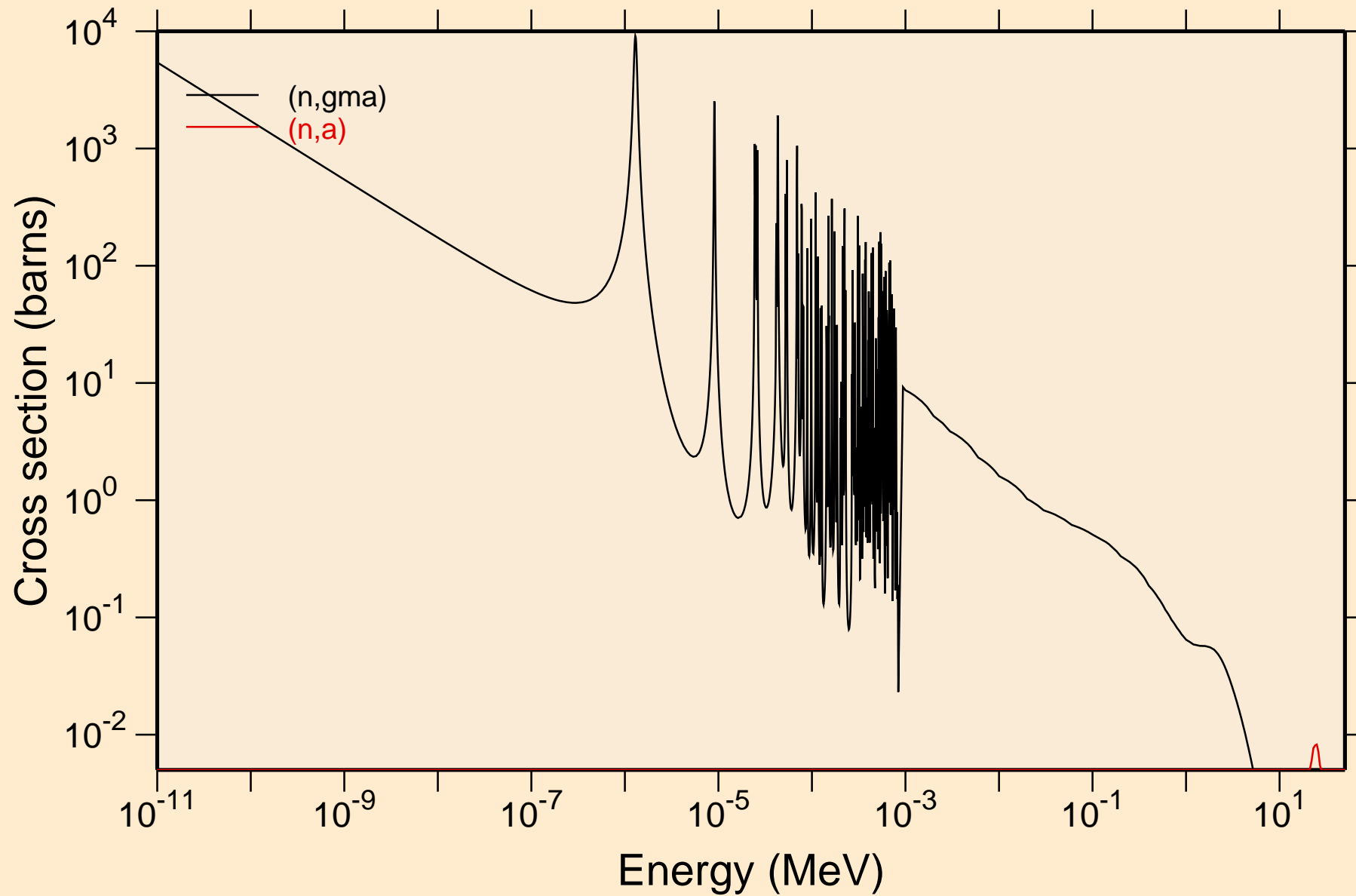




IR193 NRG TENDL-2015, AKONING  
resonance absorption cross sections

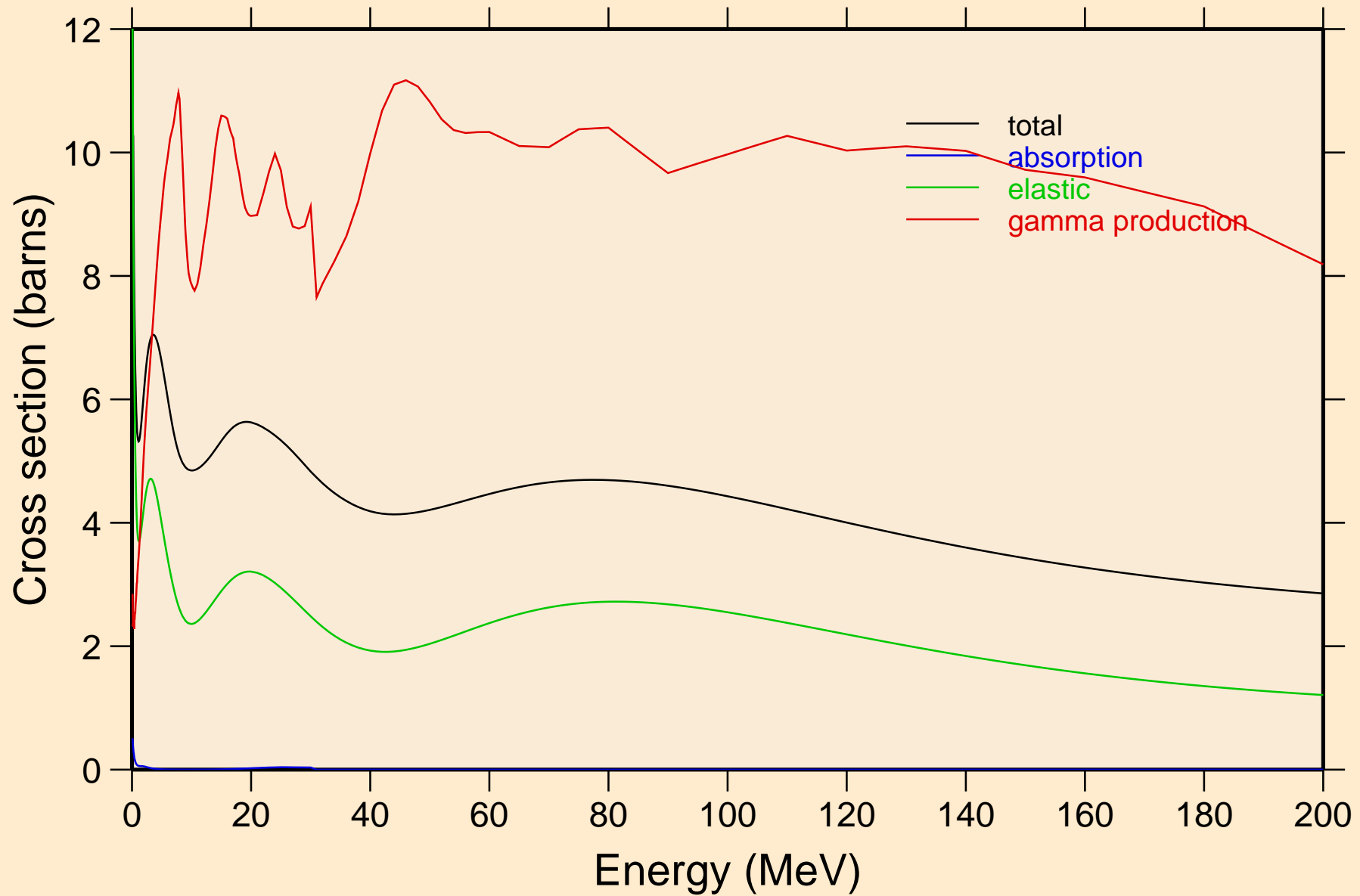


IR193 NRG TENDL-2015, AKONING  
Non-threshold reactions

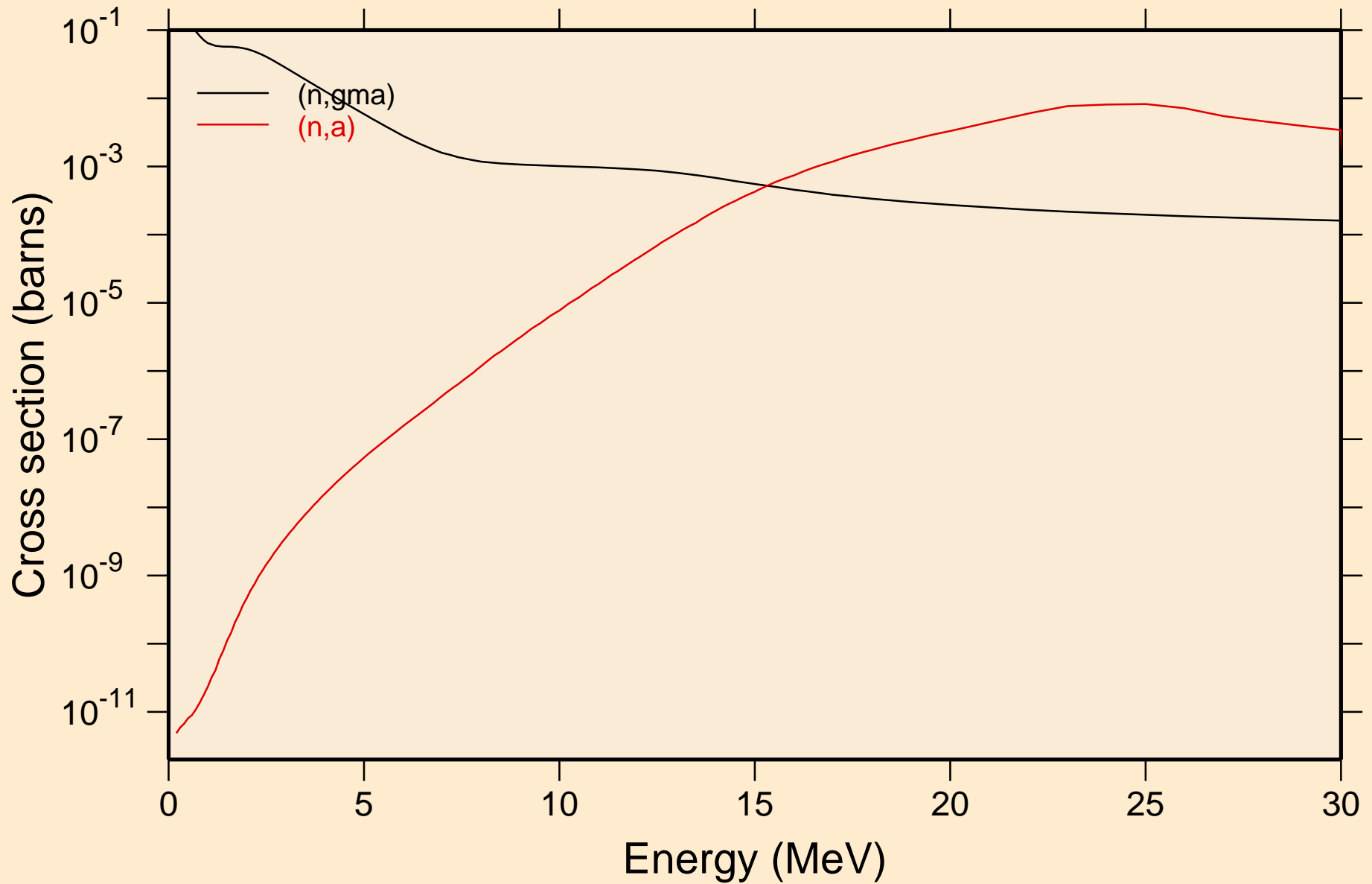


# IR193 NRG TENDL-2015, AKONING

## Principal cross sections

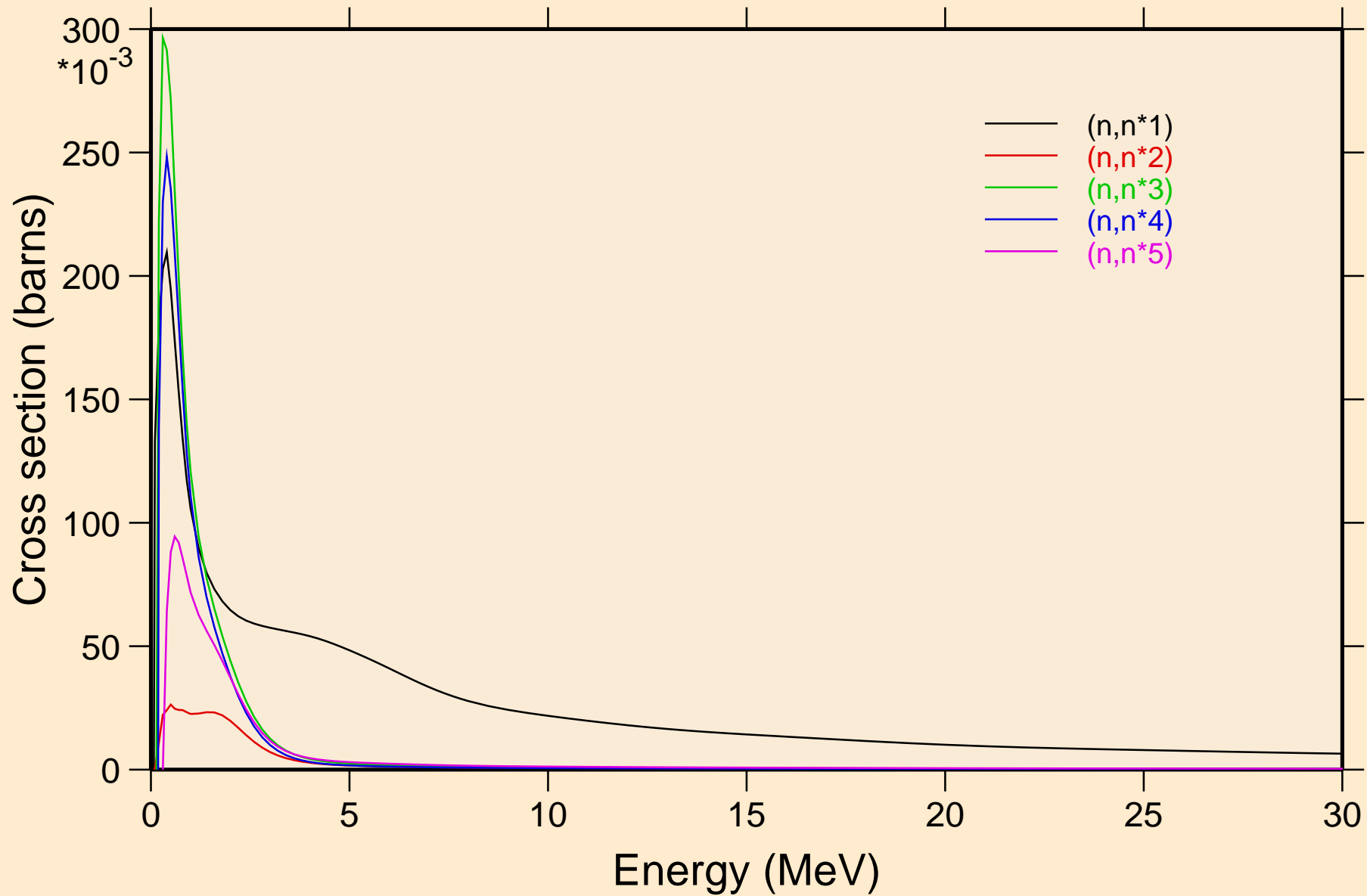


IR193 NRG TENDL-2015, AKONING  
Non-threshold reactions



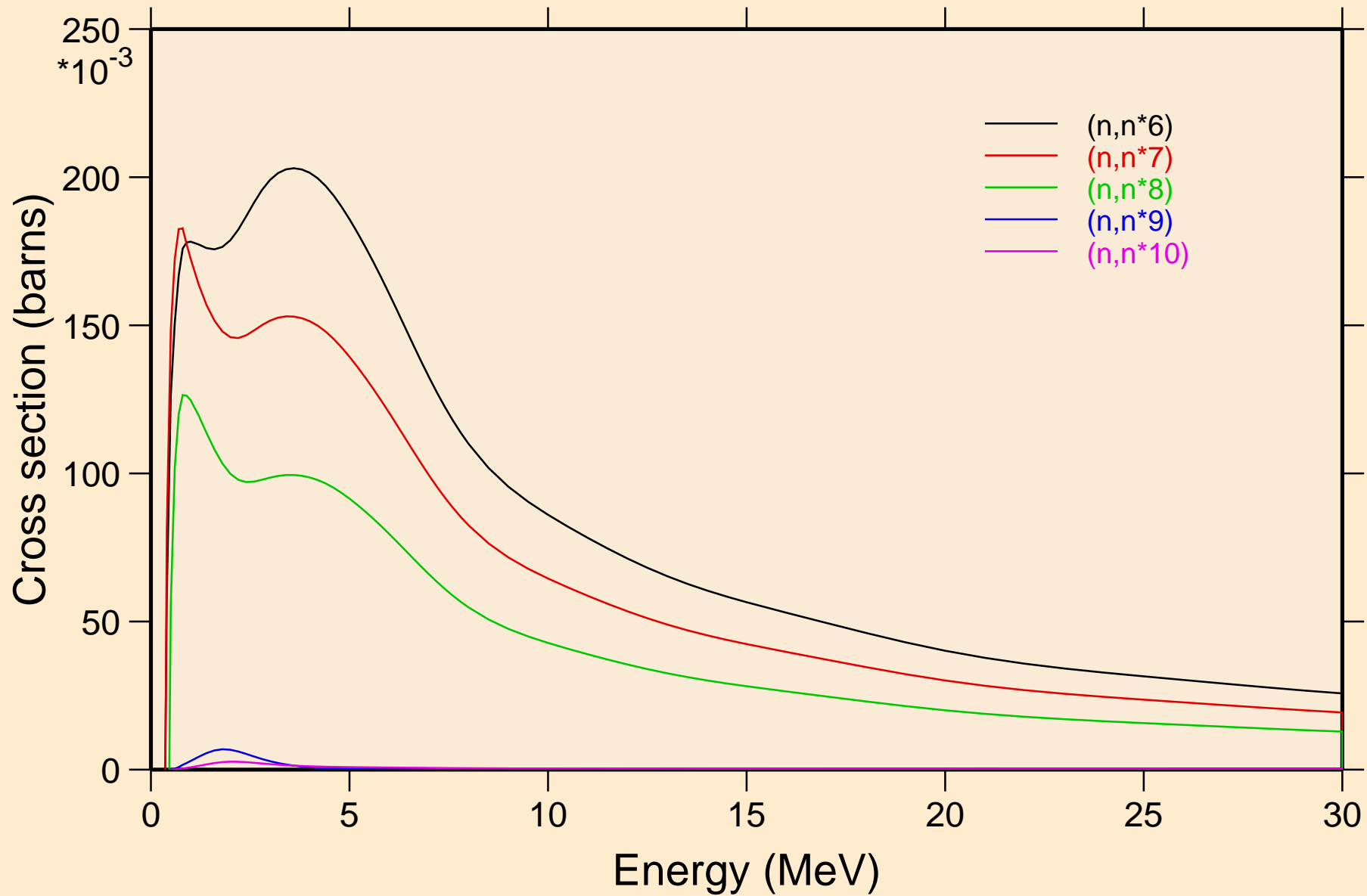
# IR193 NRG TENDL-2015, AKONING

## Inelastic levels



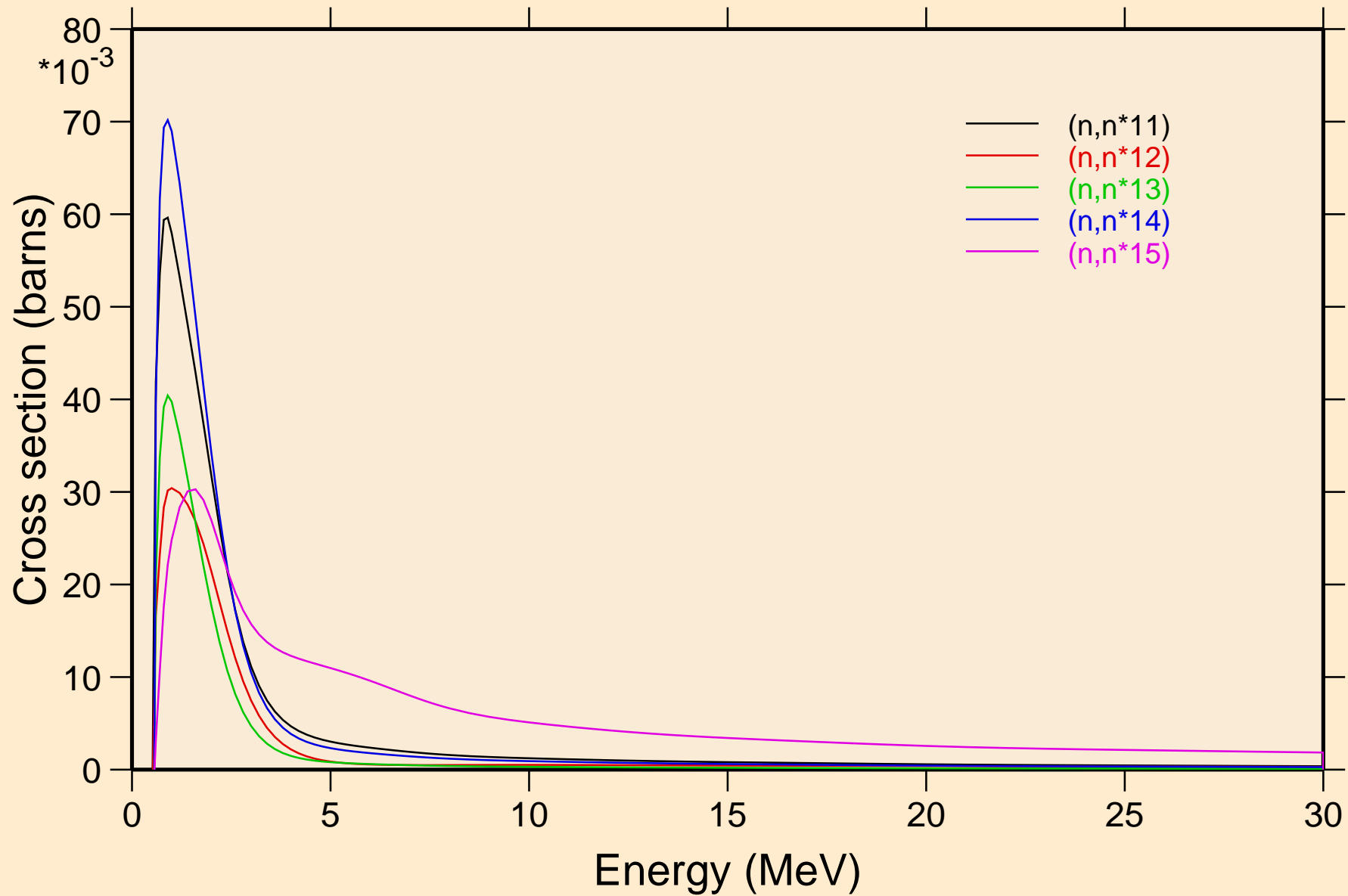
# IR193 NRG TENDL-2015, AKONING

## Inelastic levels



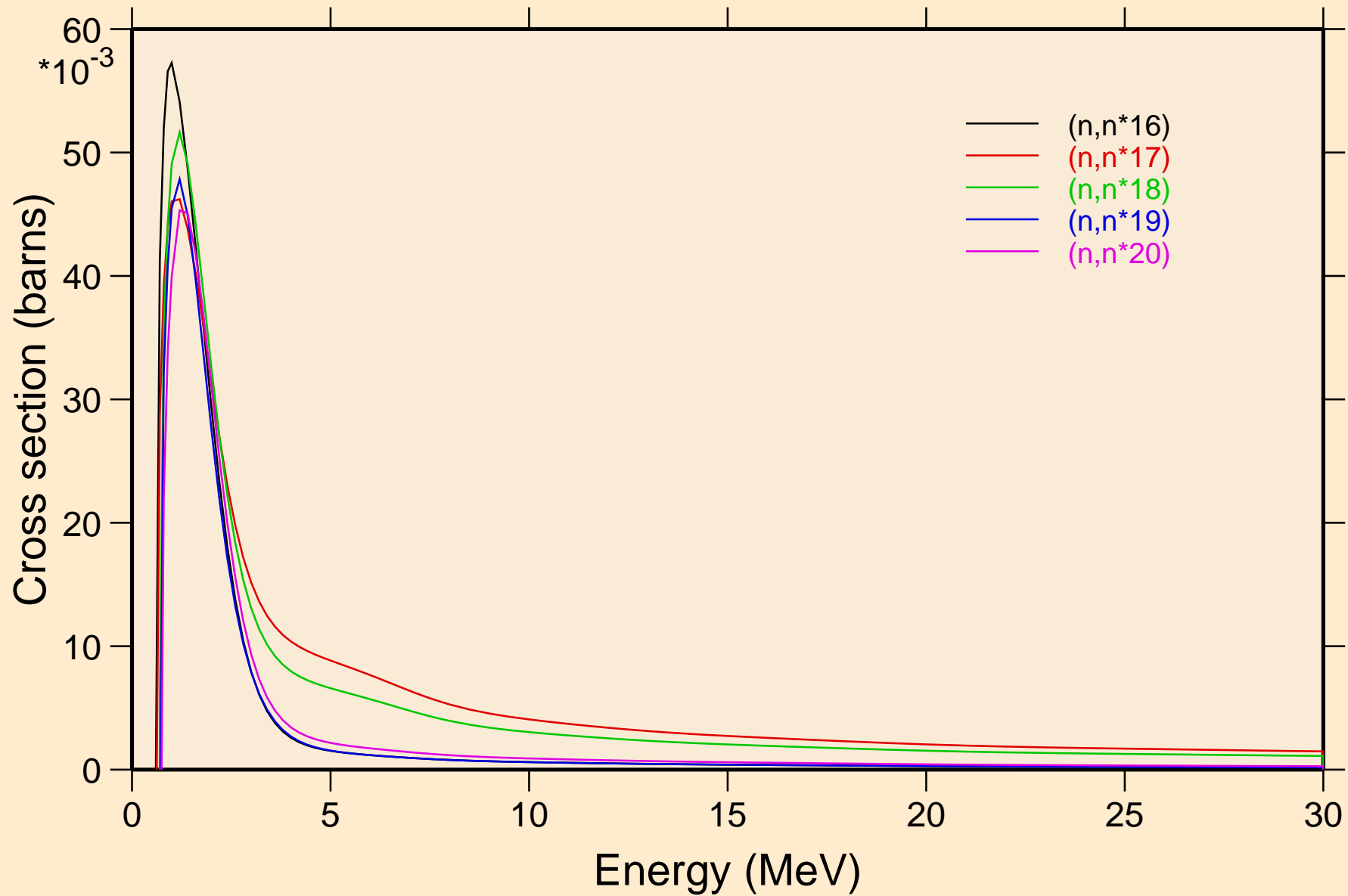
# IR193 NRG TENDL-2015, AKONING

## Inelastic levels



# IR193 NRG TENDL-2015, AKONING

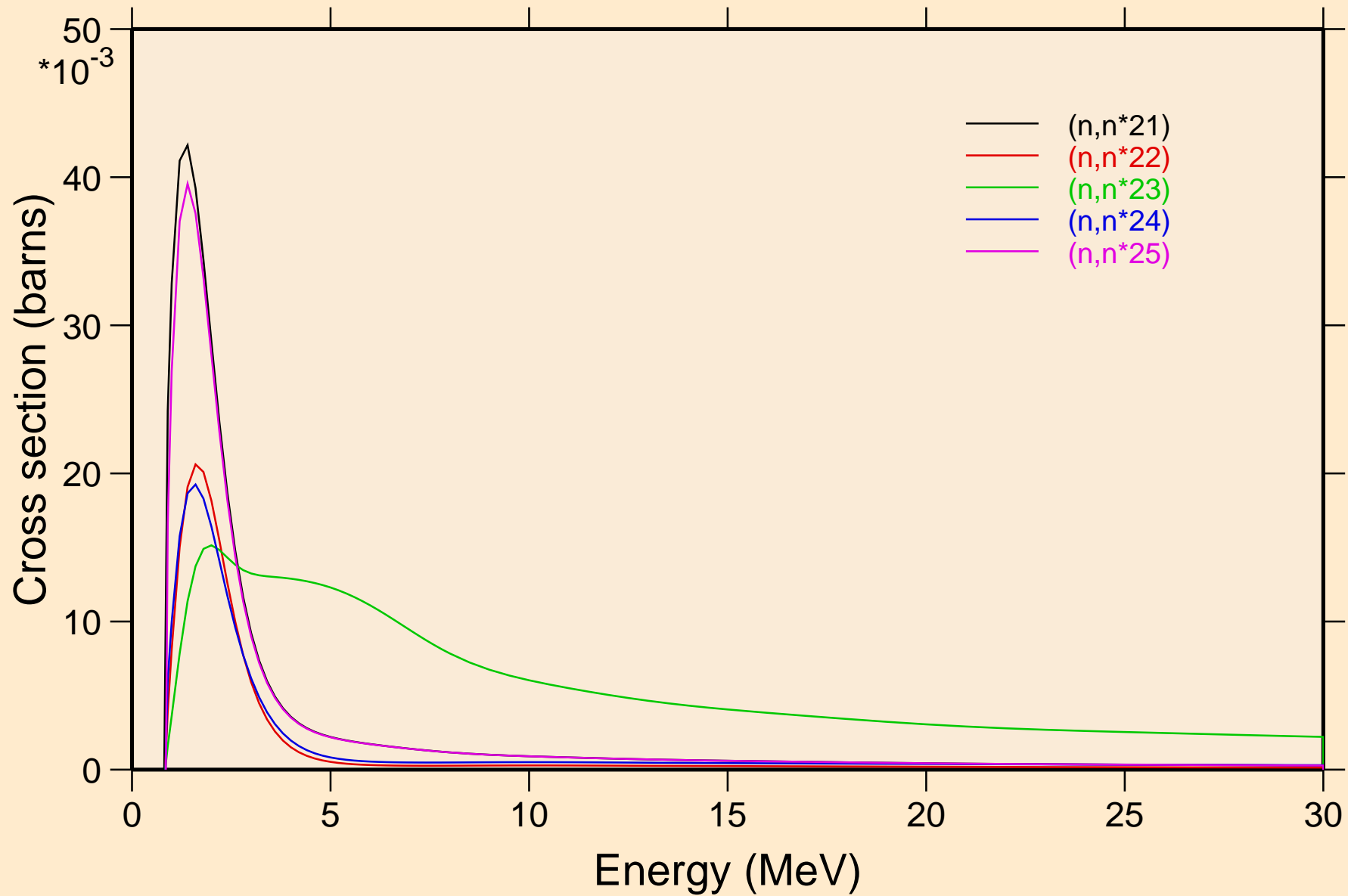
## Inelastic levels





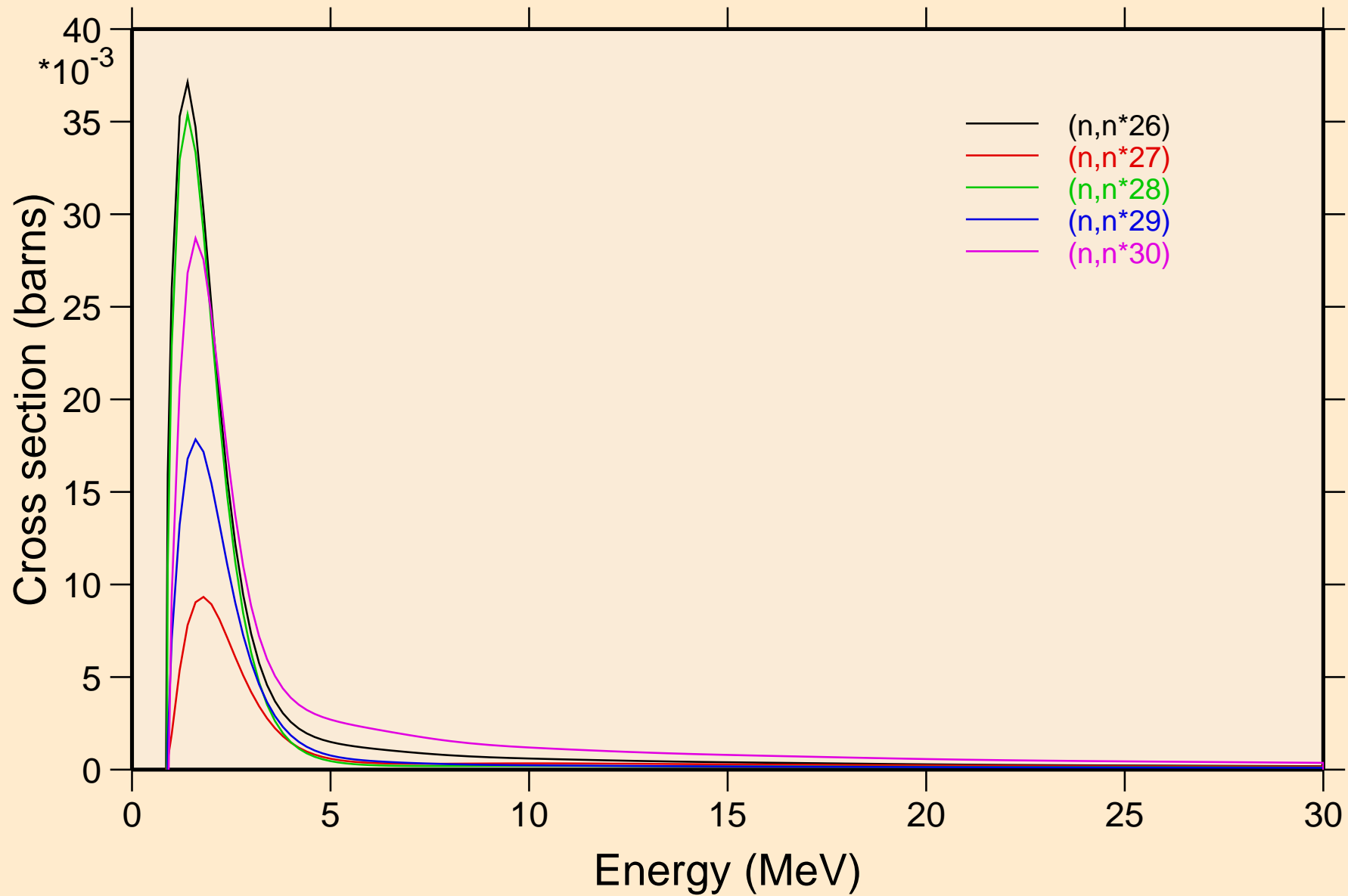
# IR193 NRG TENDL-2015, AKONING

## Inelastic levels



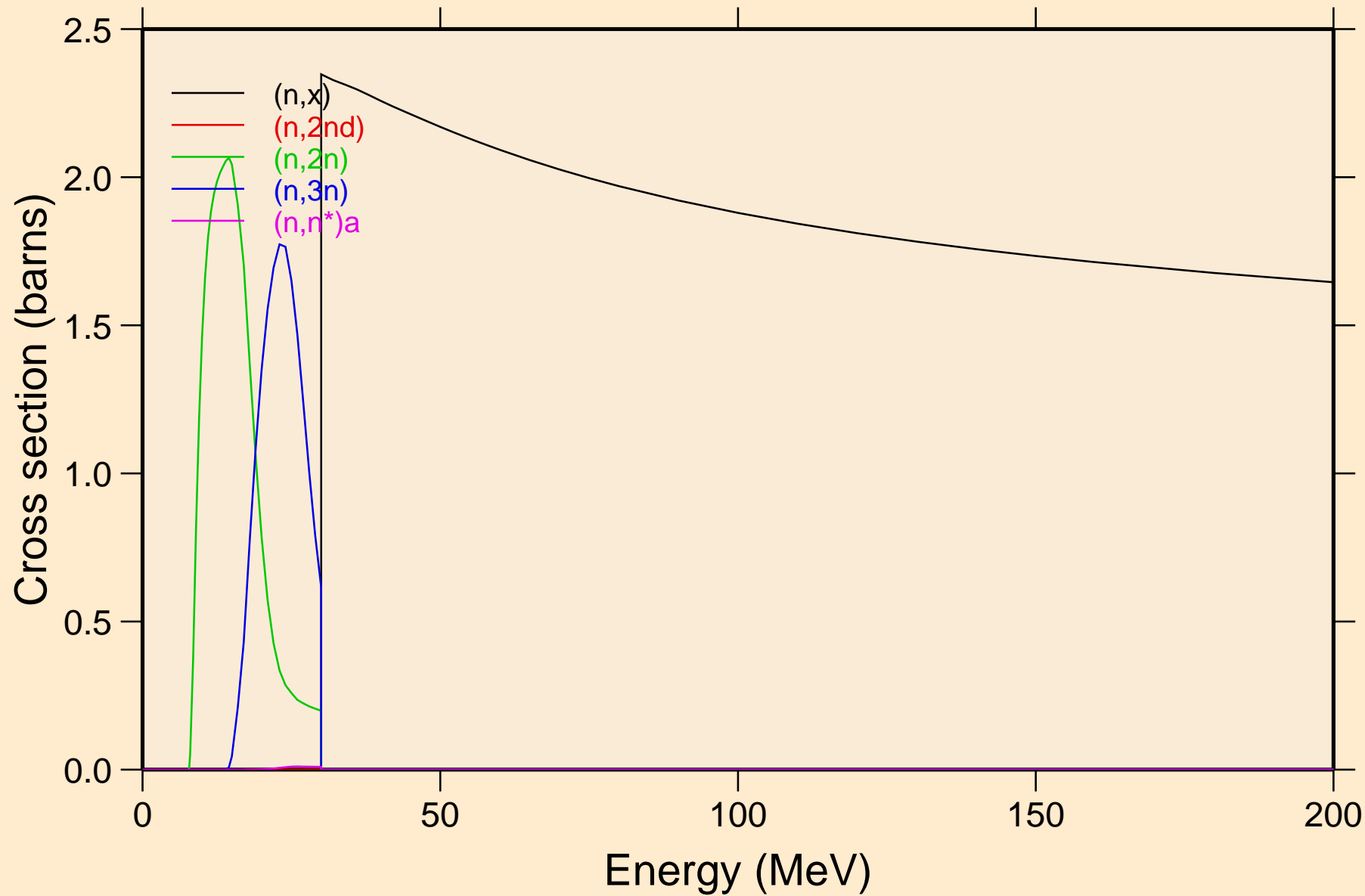
# IR193 NRG TENDL-2015, AKONING

## Inelastic levels



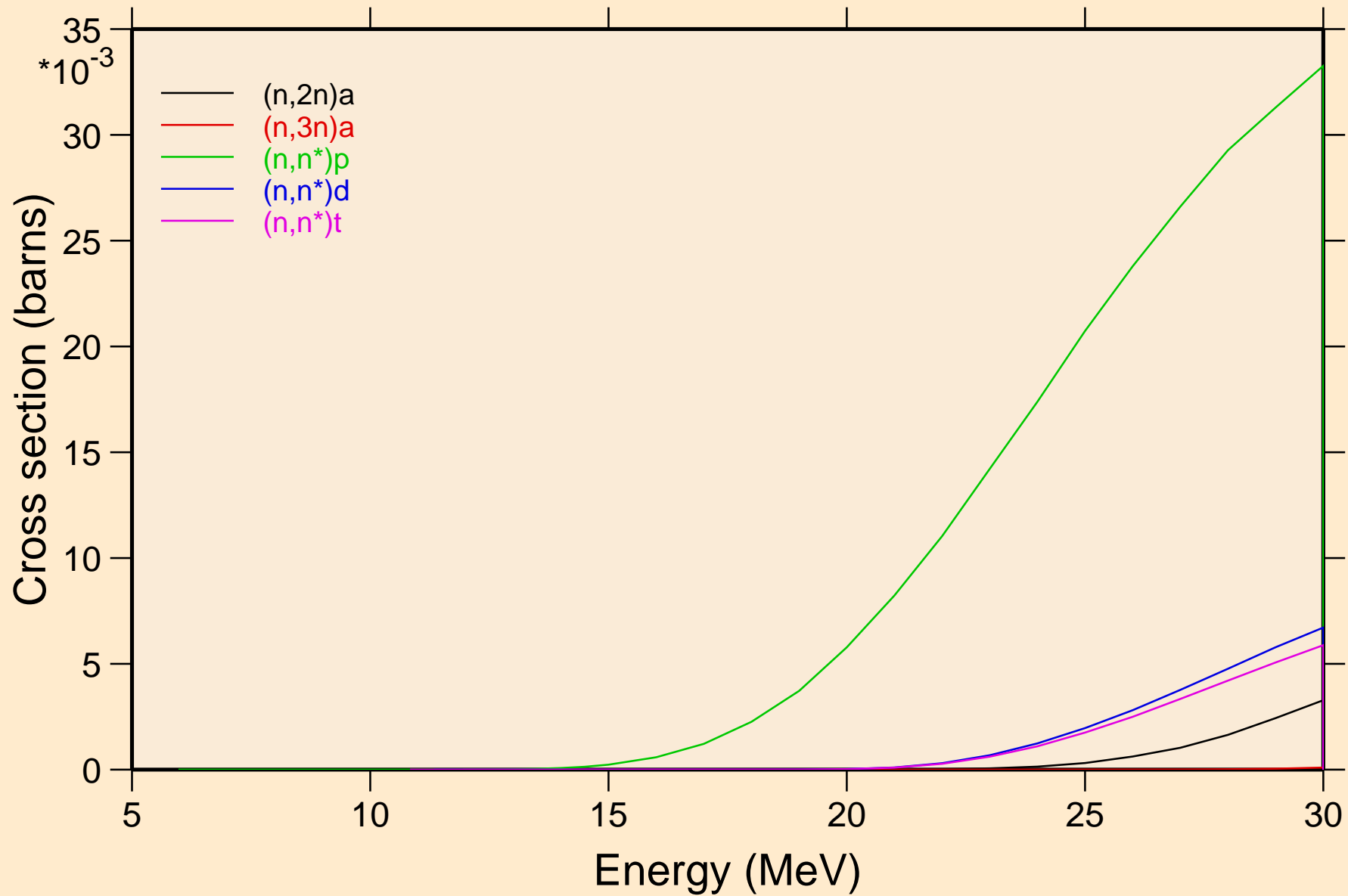
# IR193 NRG TENDL-2015, AKONING

## Threshold reactions



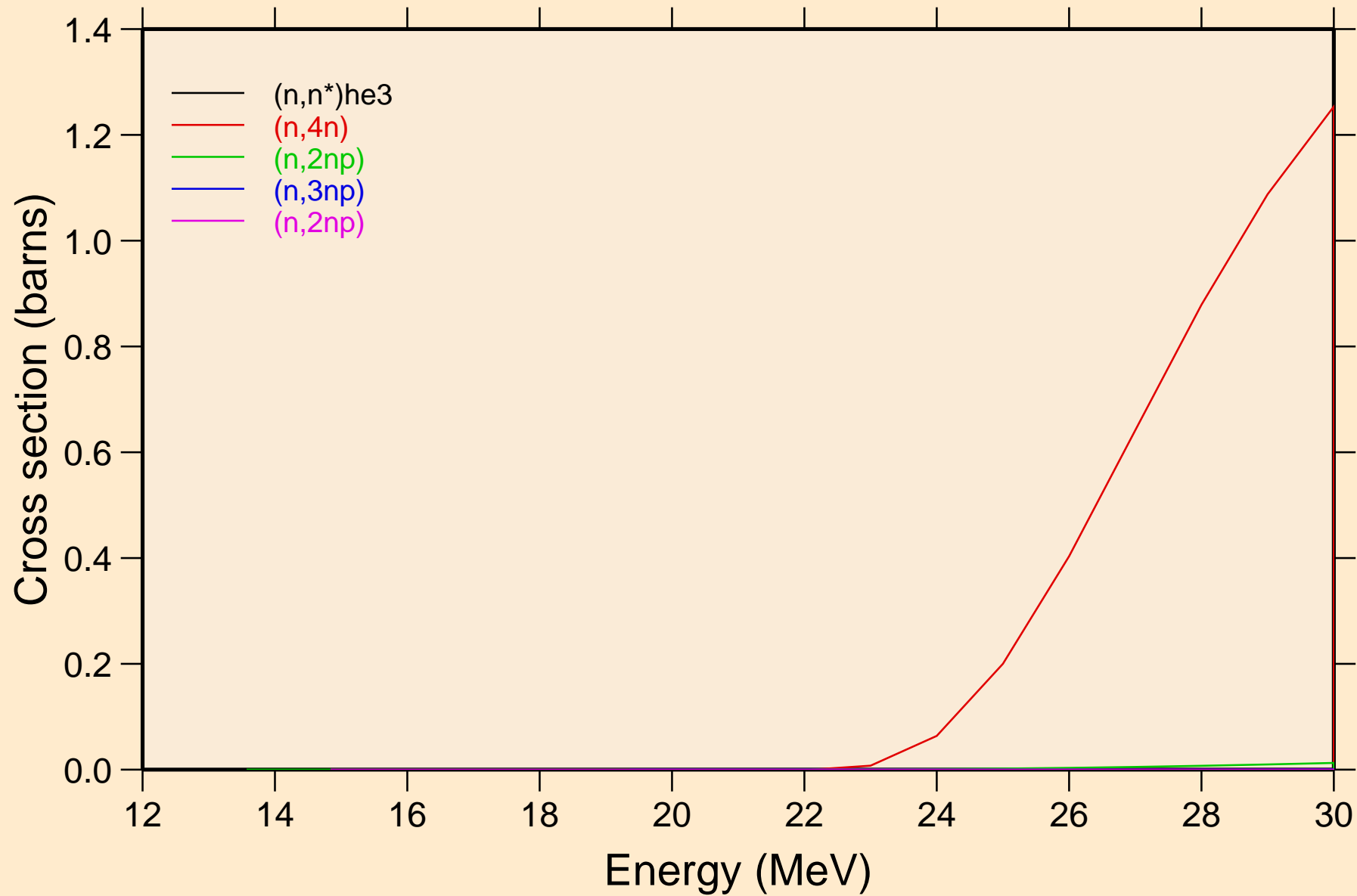
# IR193 NRG TENDL-2015, AKONING

## Threshold reactions



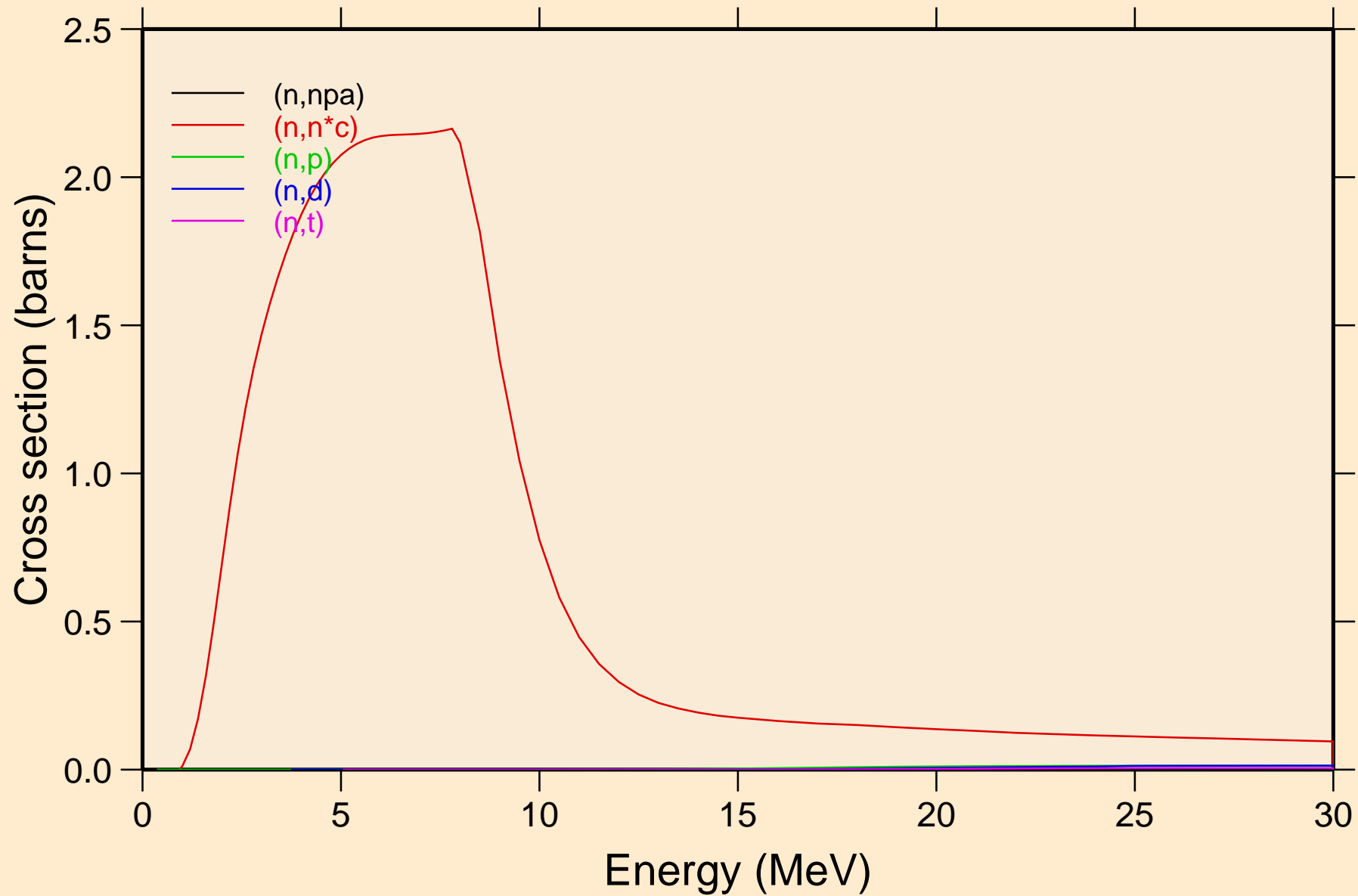
# IR193 NRG TENDL-2015, AKONING

## Threshold reactions



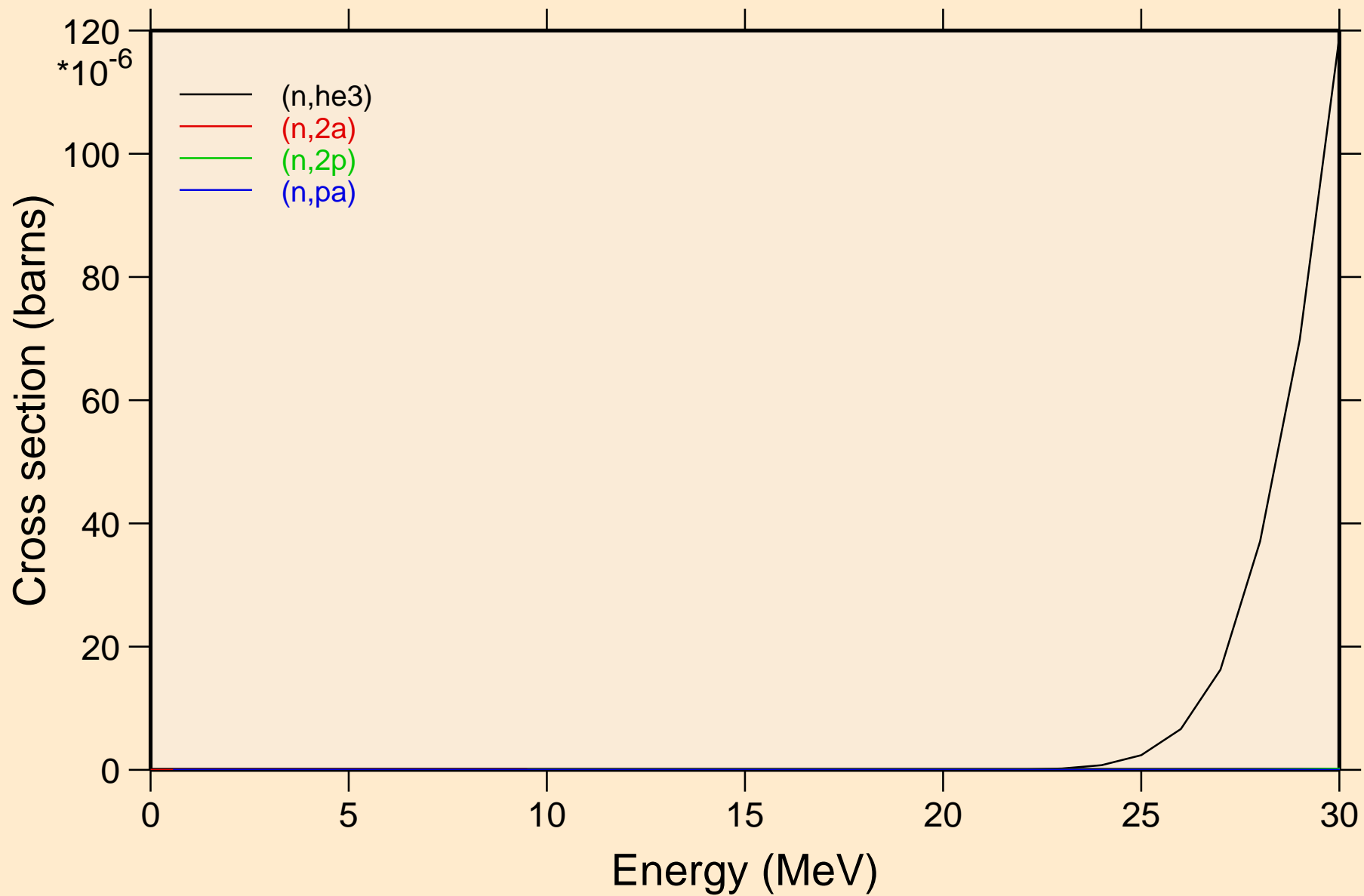
# IR193 NRG TENDL-2015, AKONING

## Threshold reactions

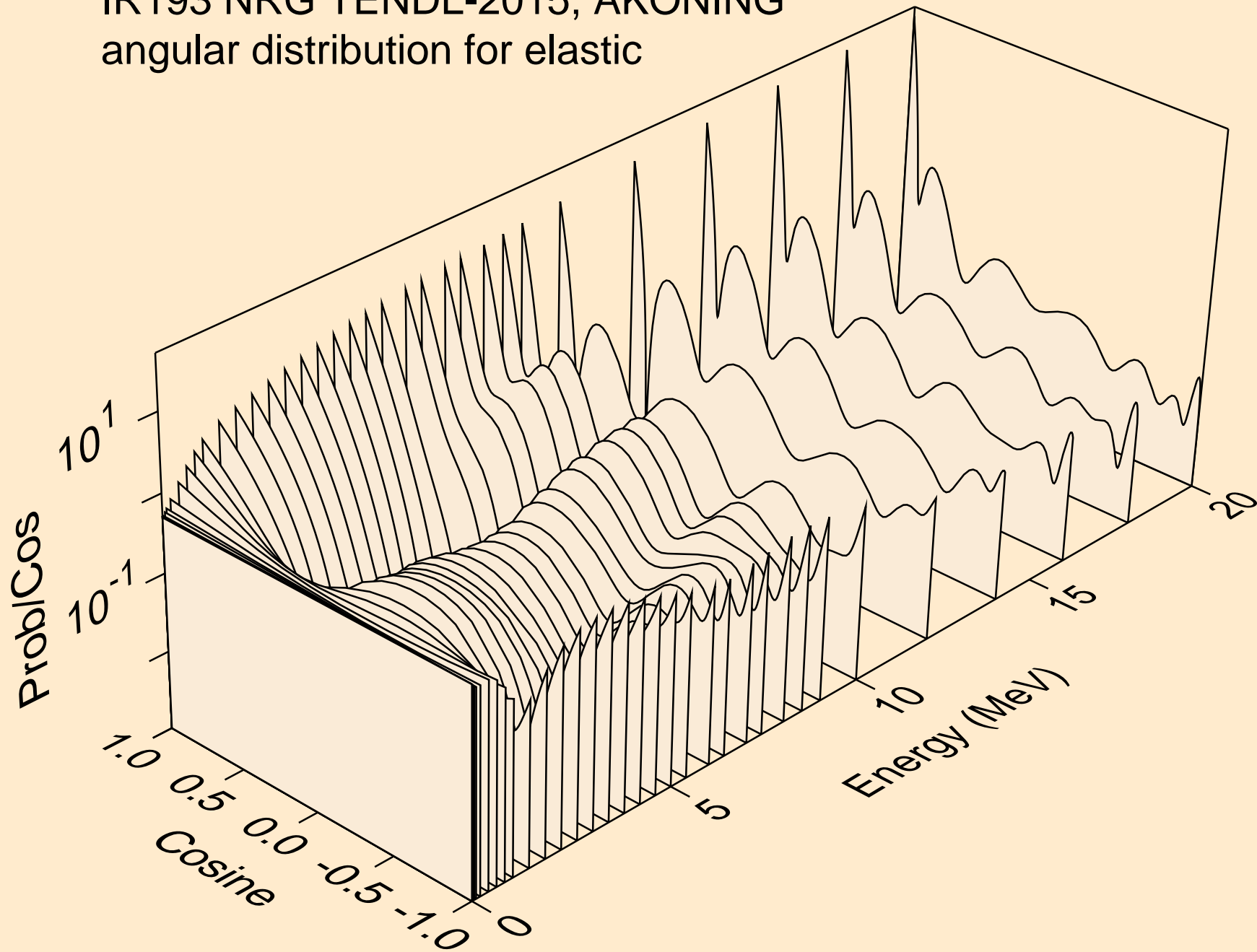


# IR193 NRG TENDL-2015, AKONING

## Threshold reactions

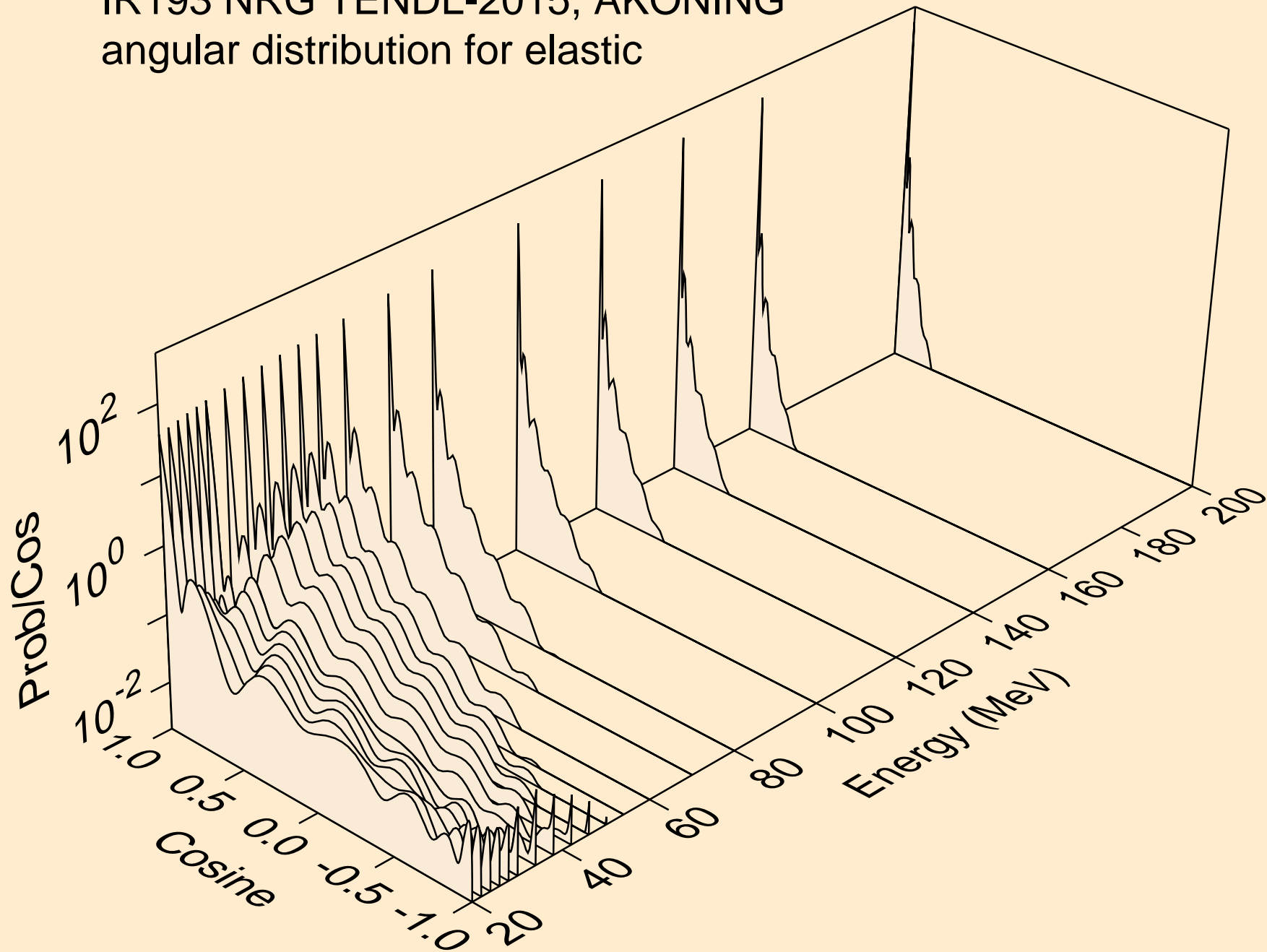


IR193 NRG TENDL-2015, AKONING  
angular distribution for elastic

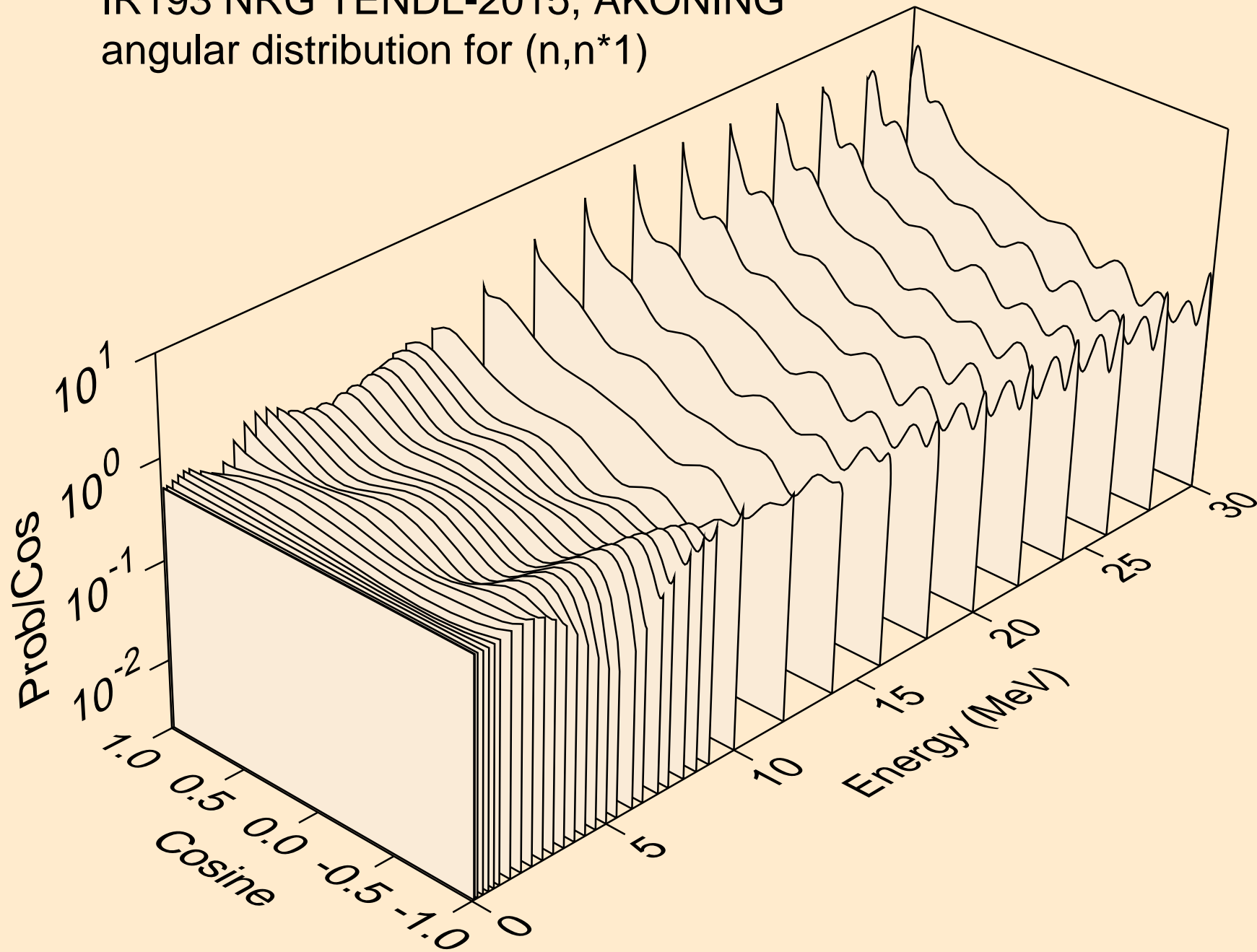




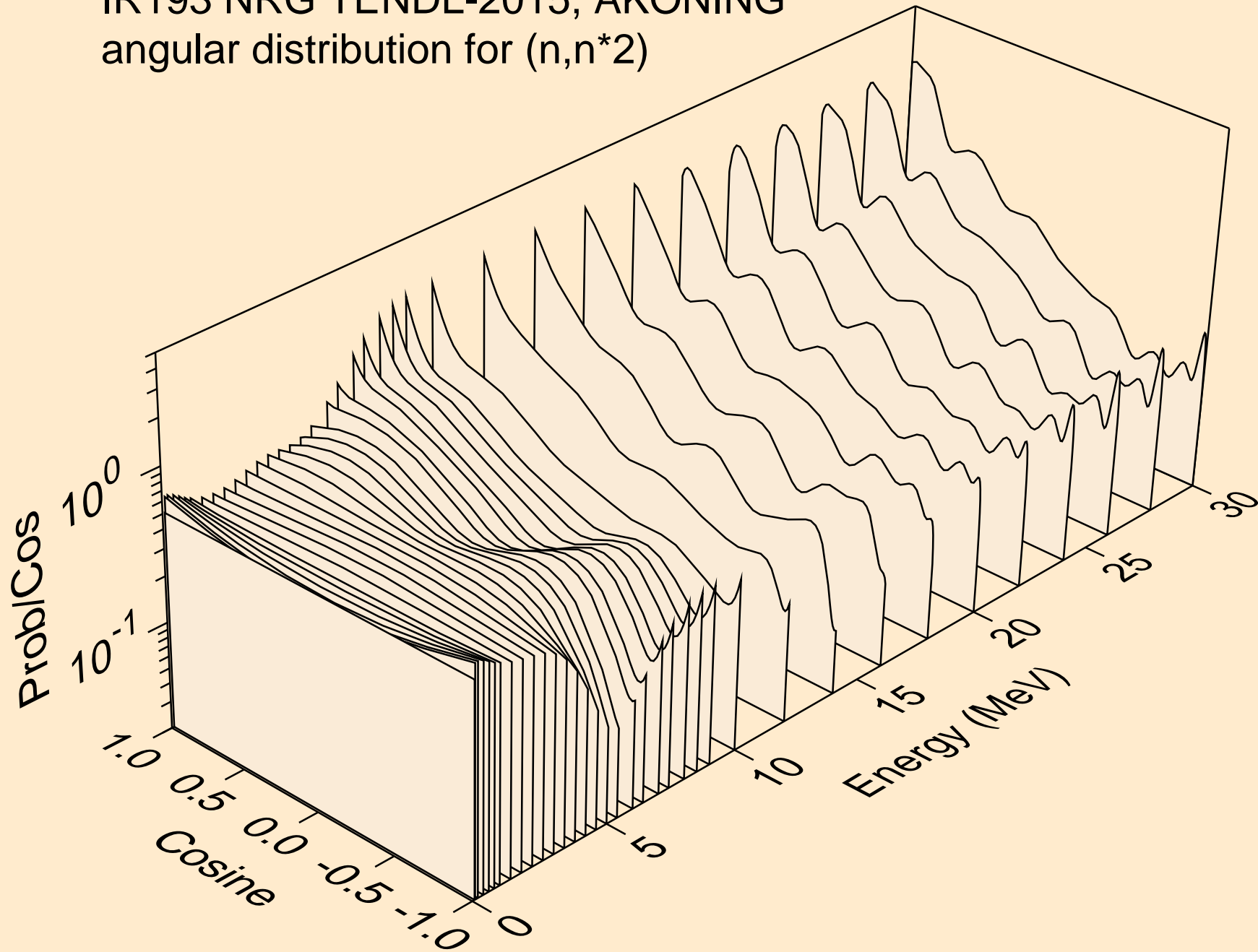
IR193 NRG TENDL-2015, AKONING  
angular distribution for elastic



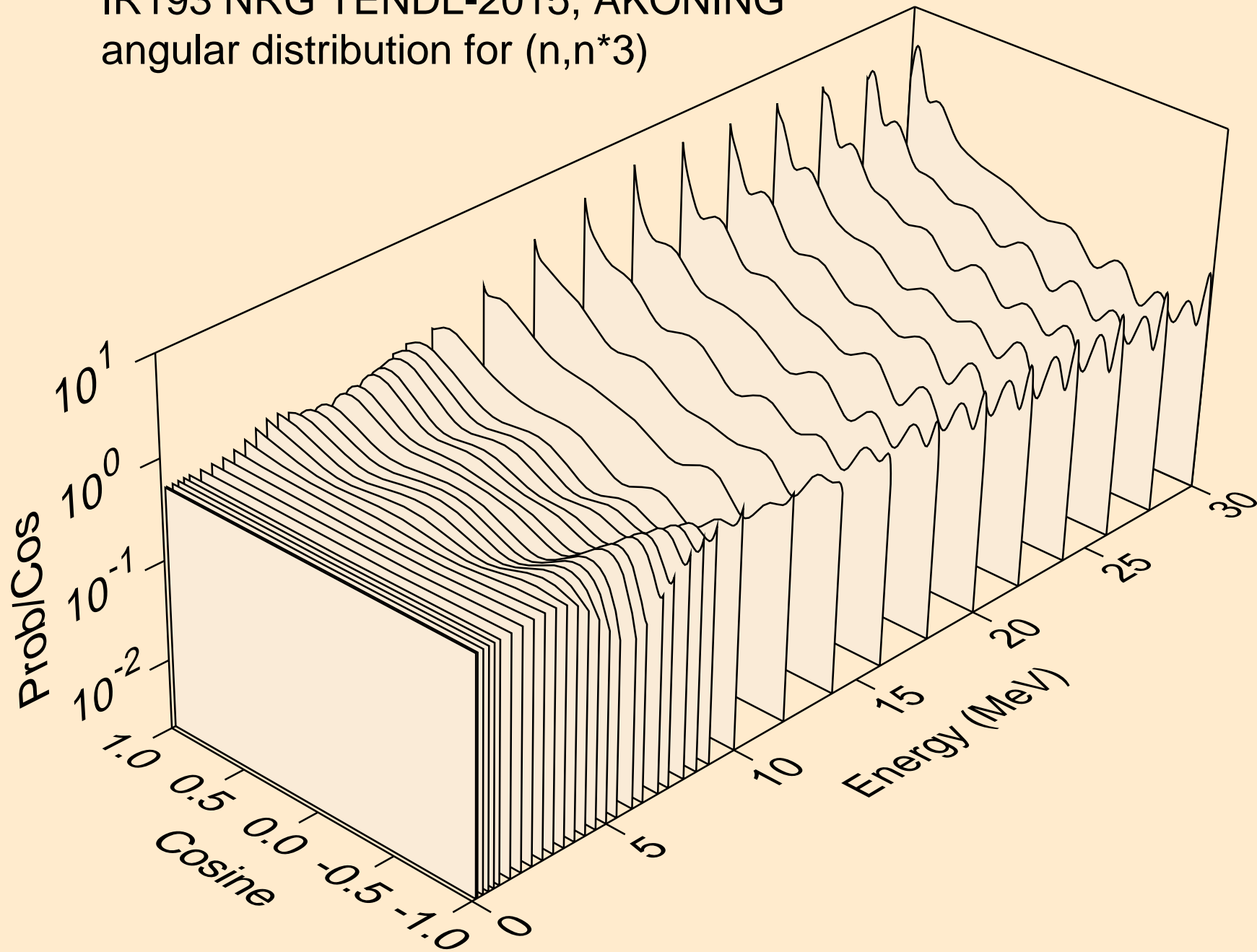
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



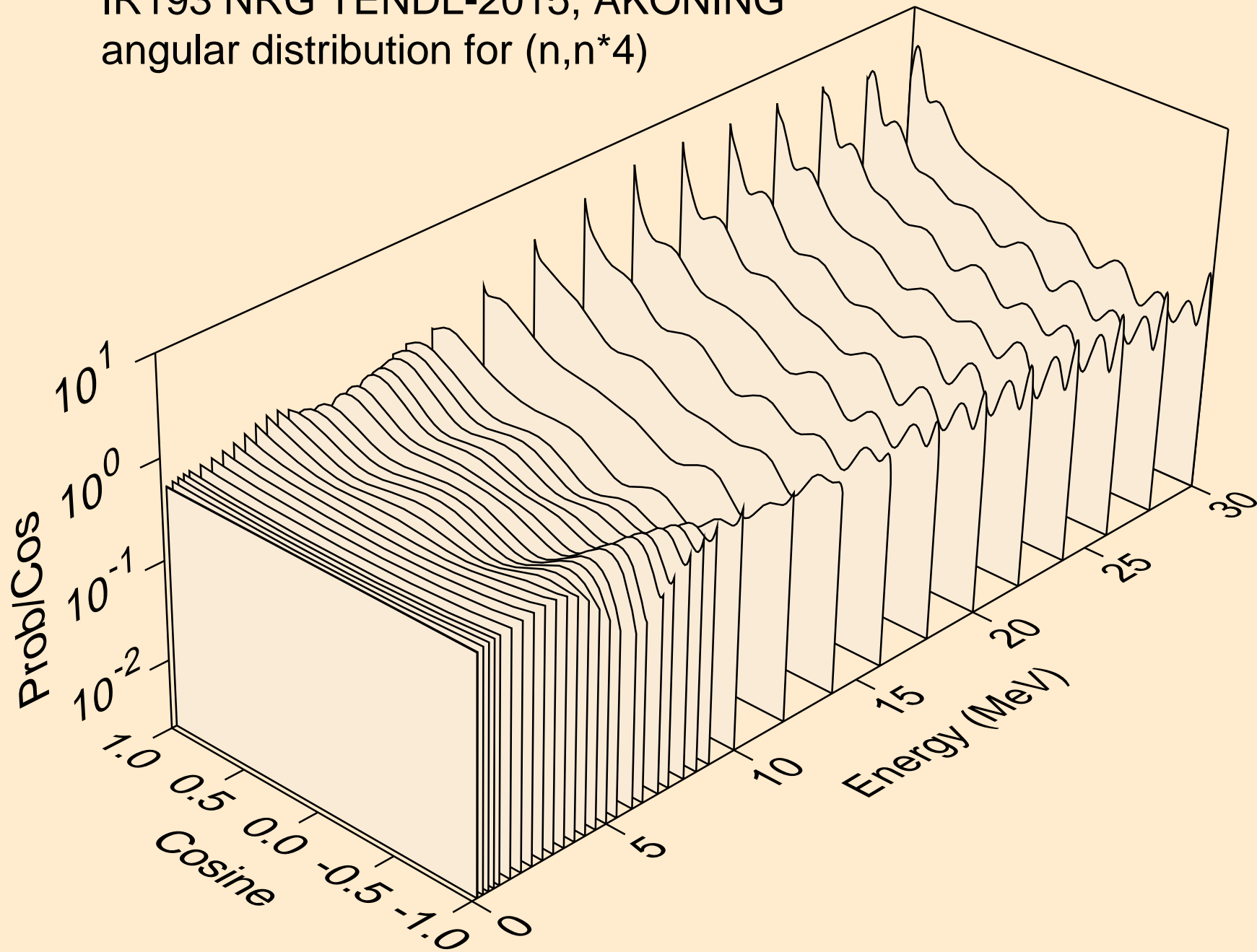
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



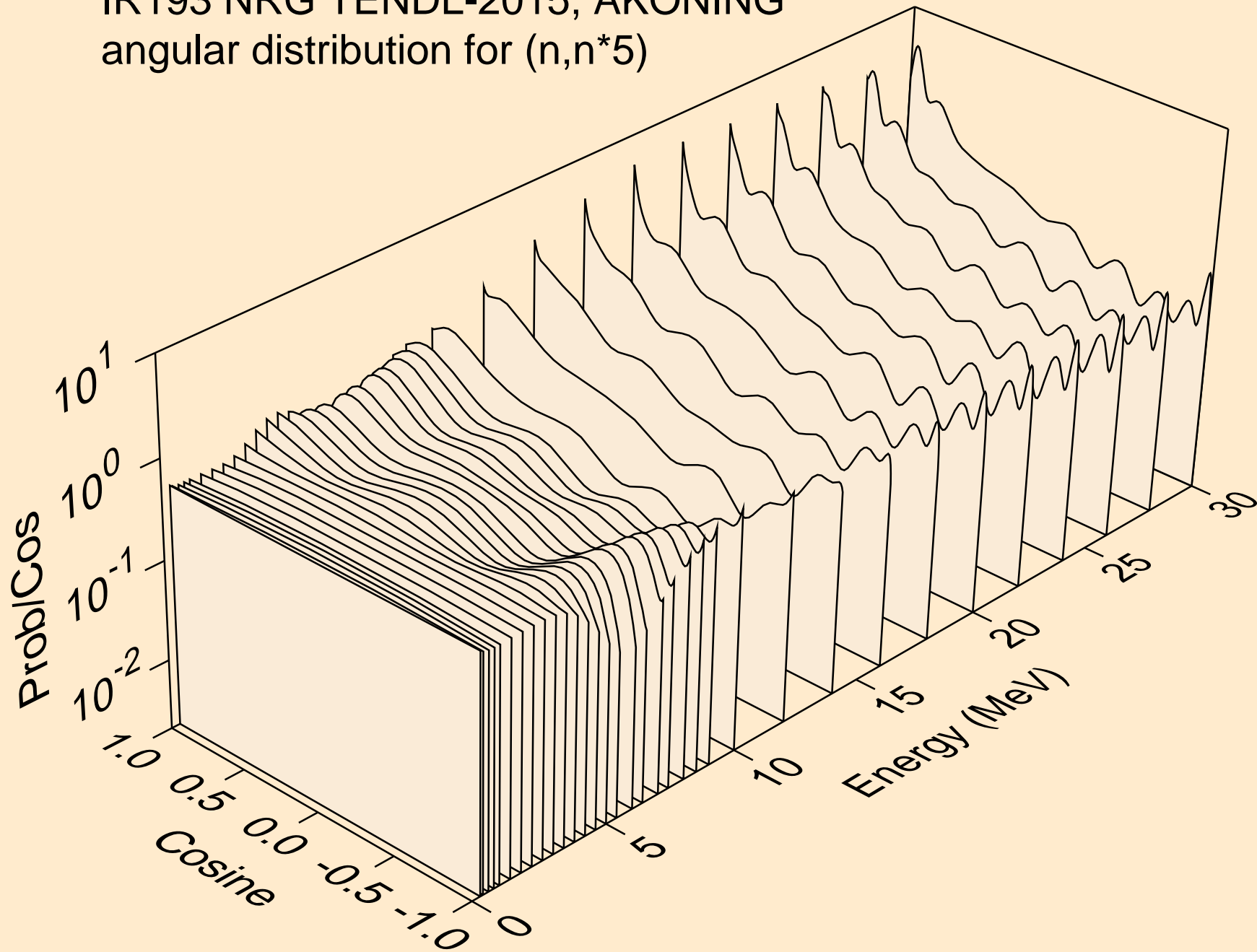
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



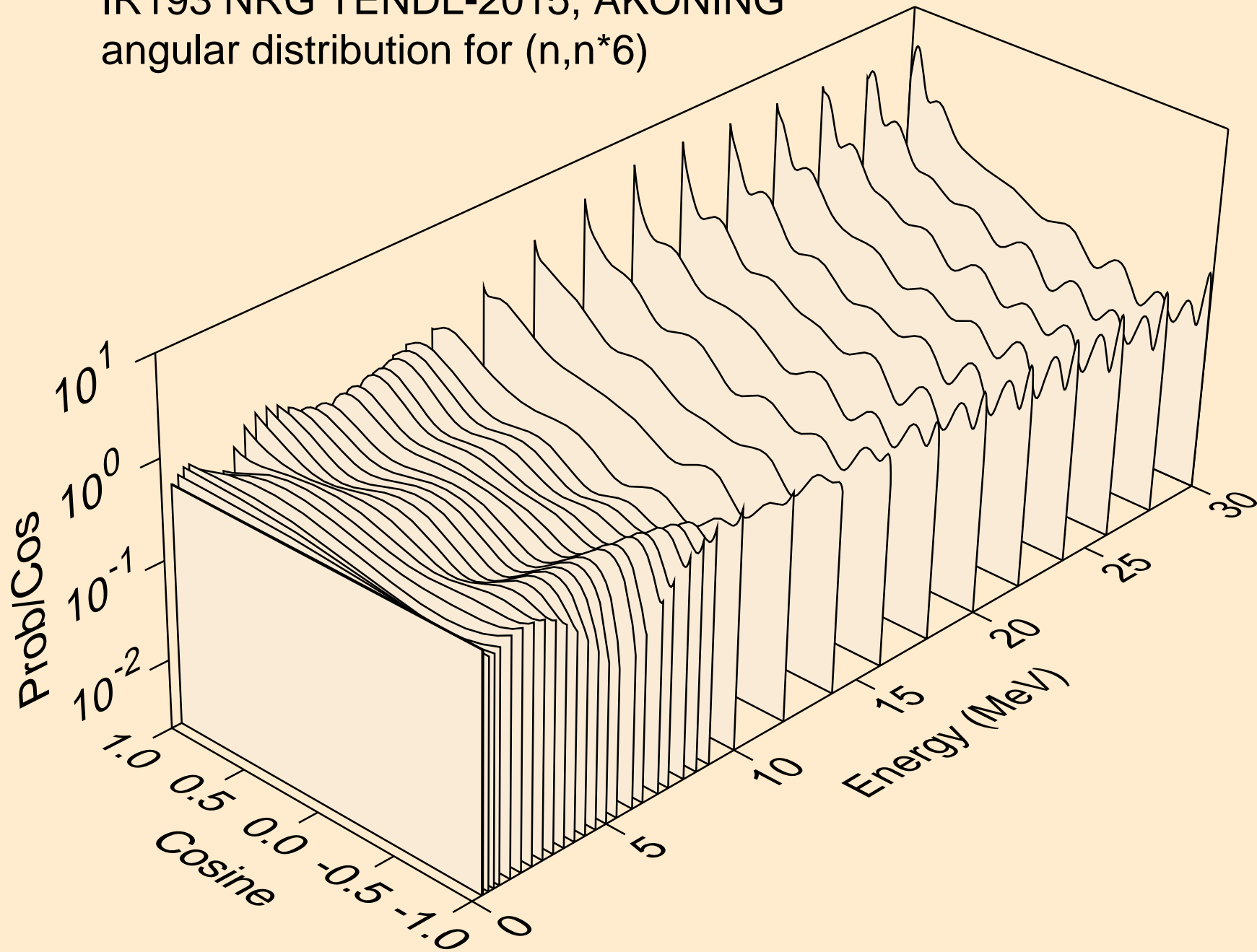
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



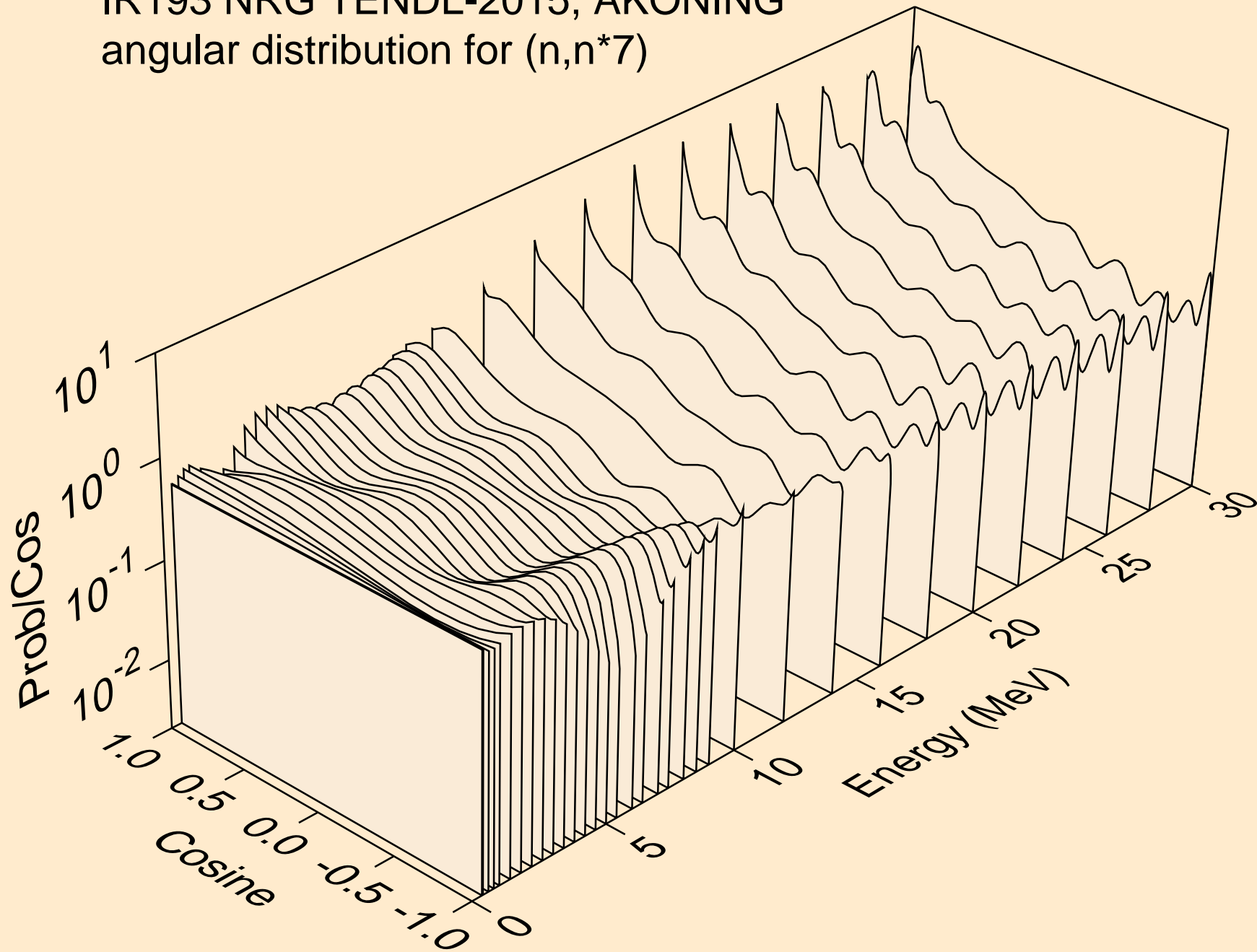
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

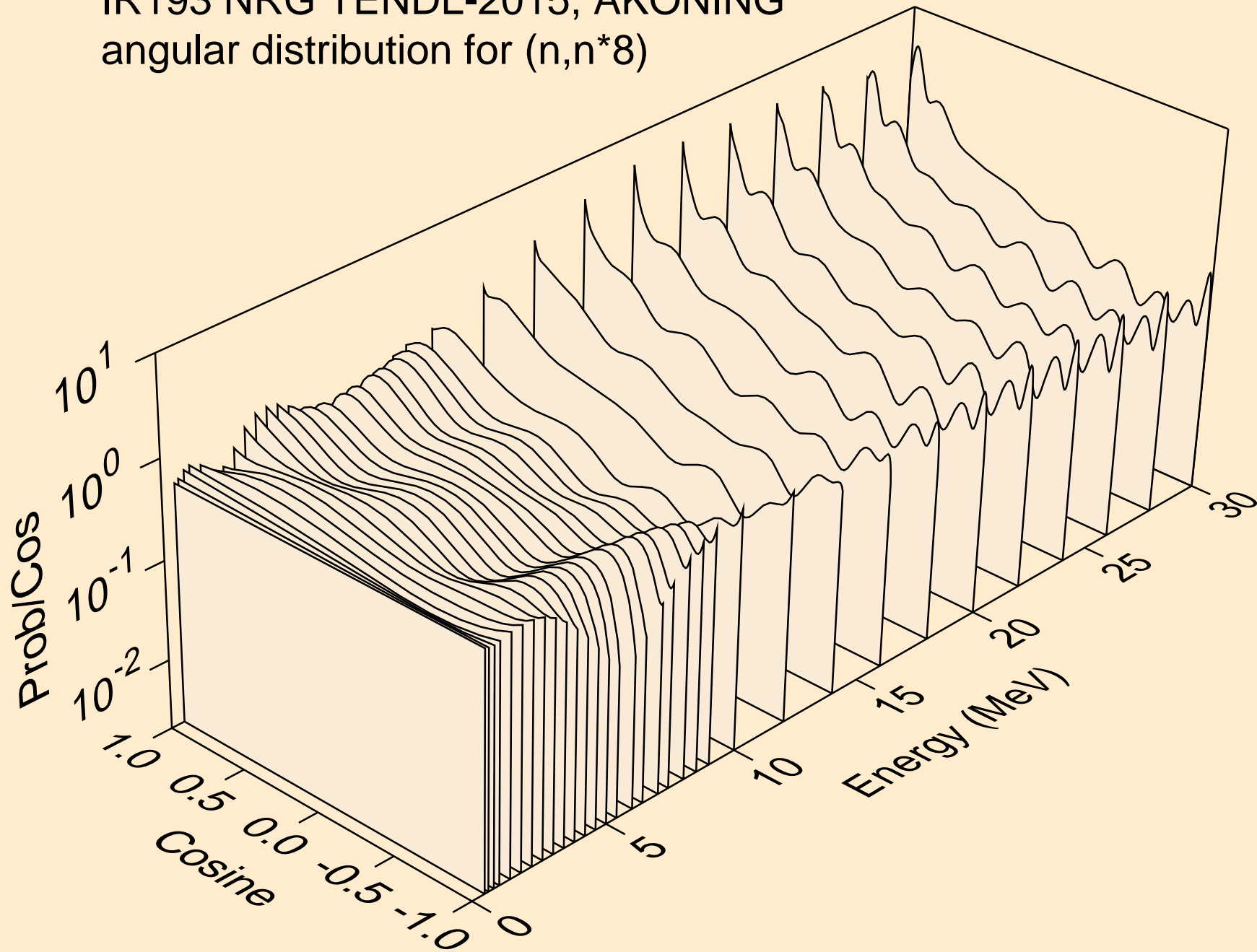


IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

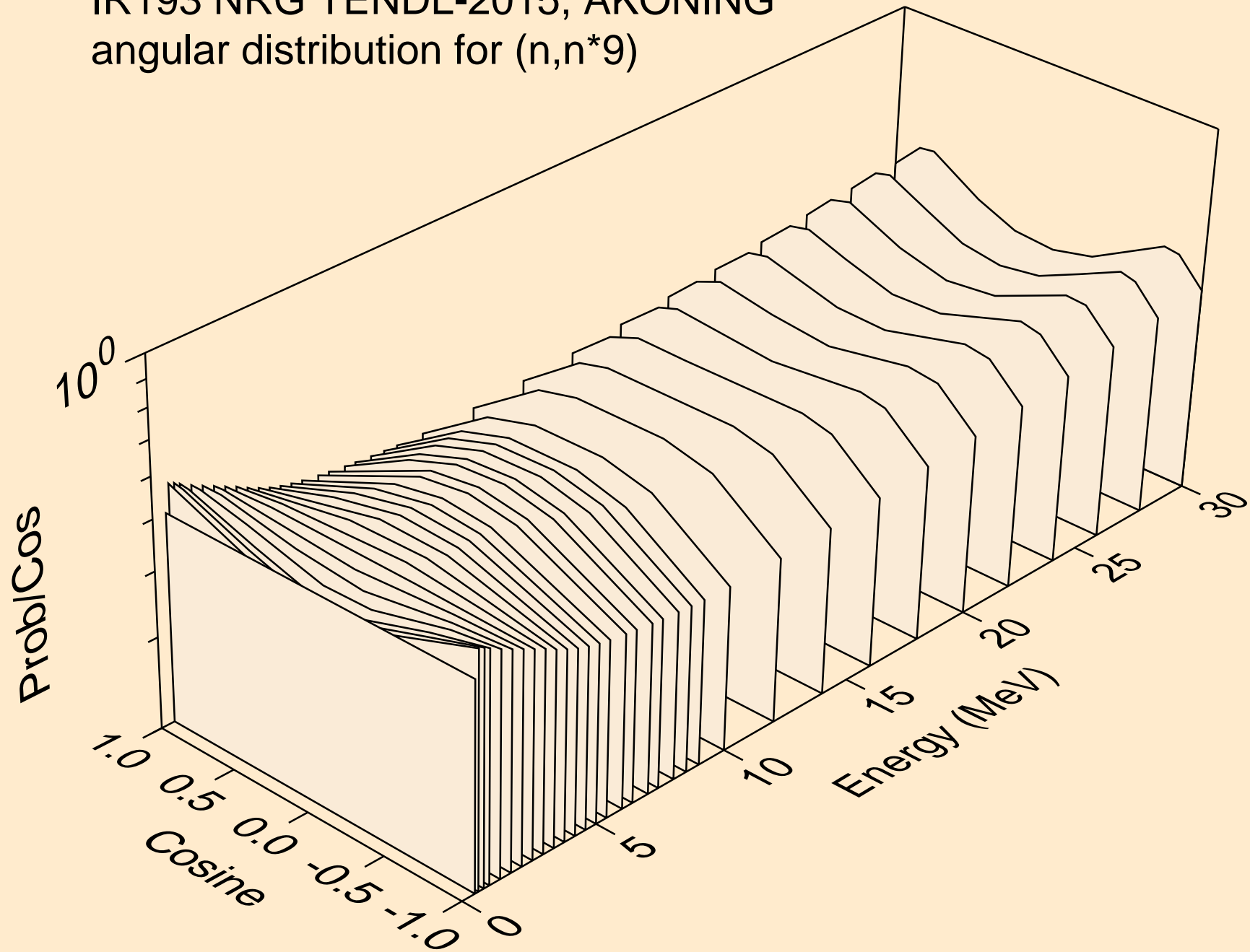




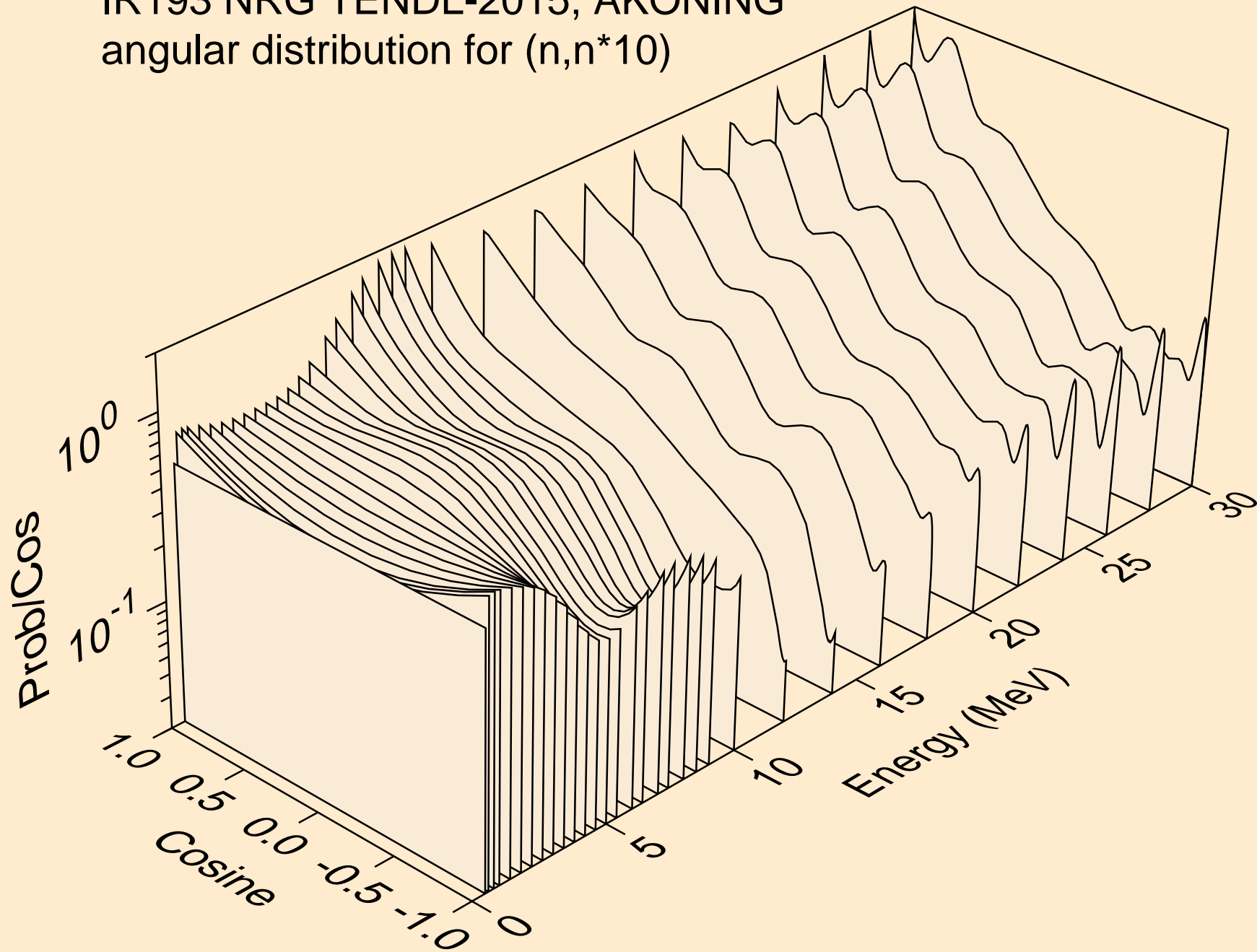
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



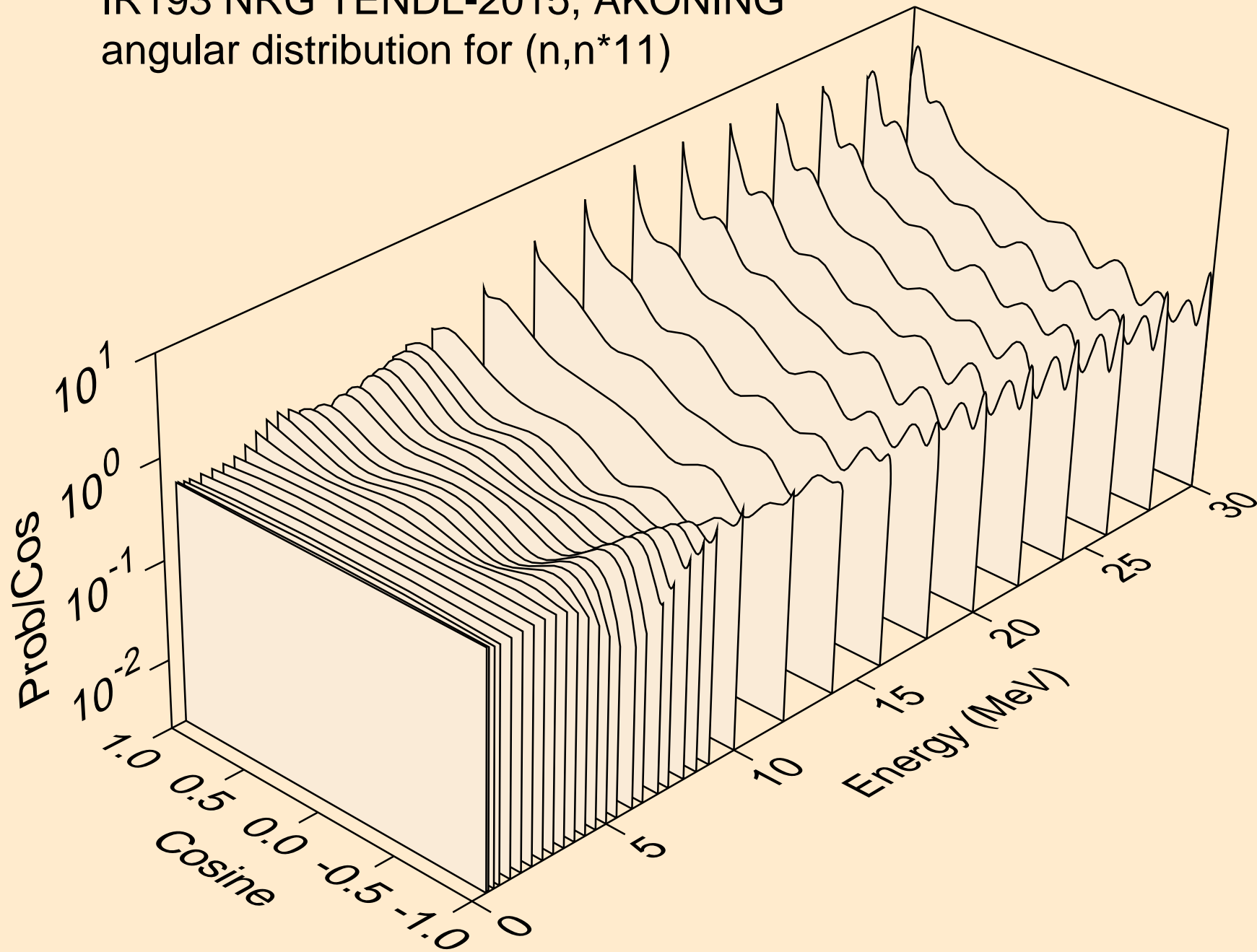
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



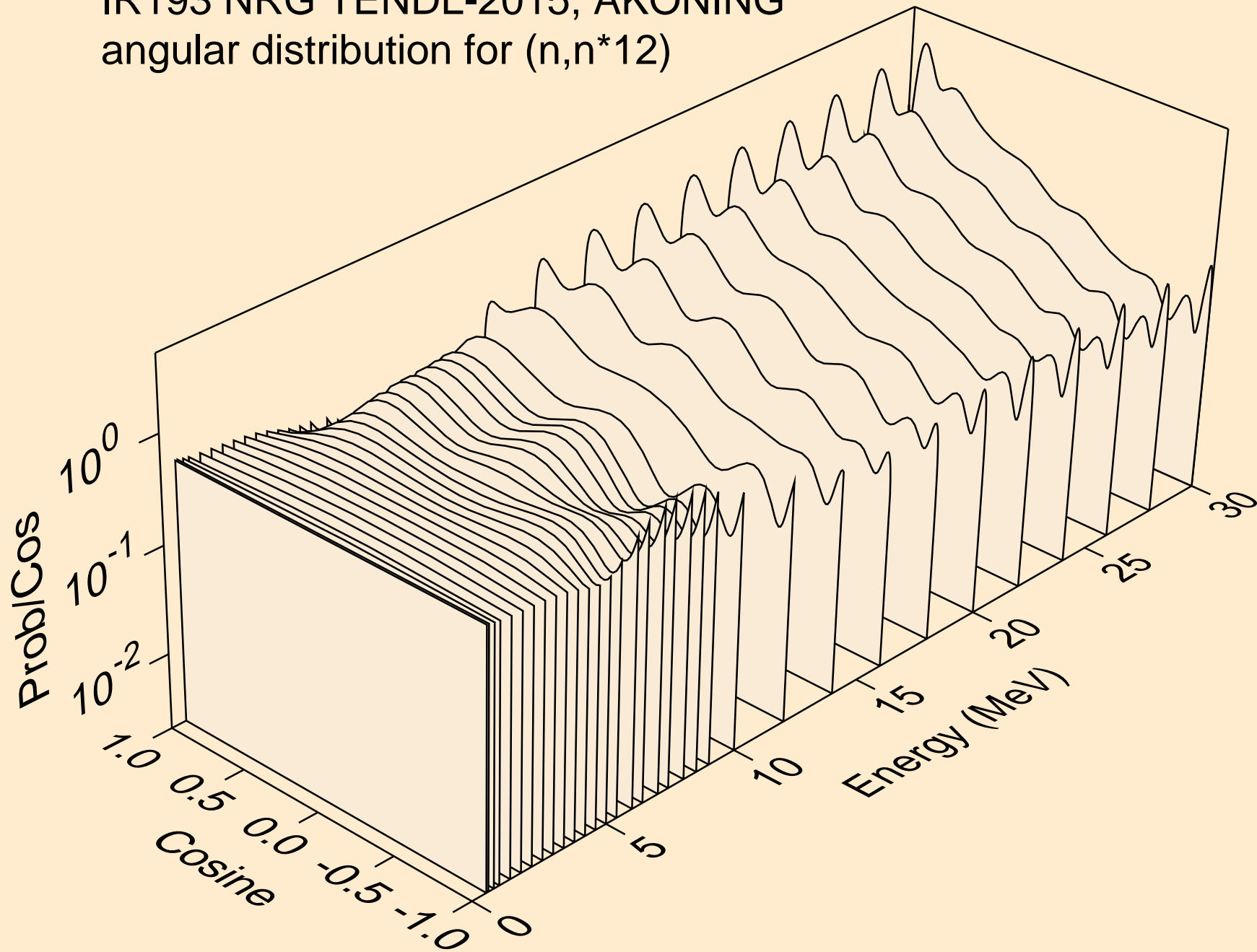
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



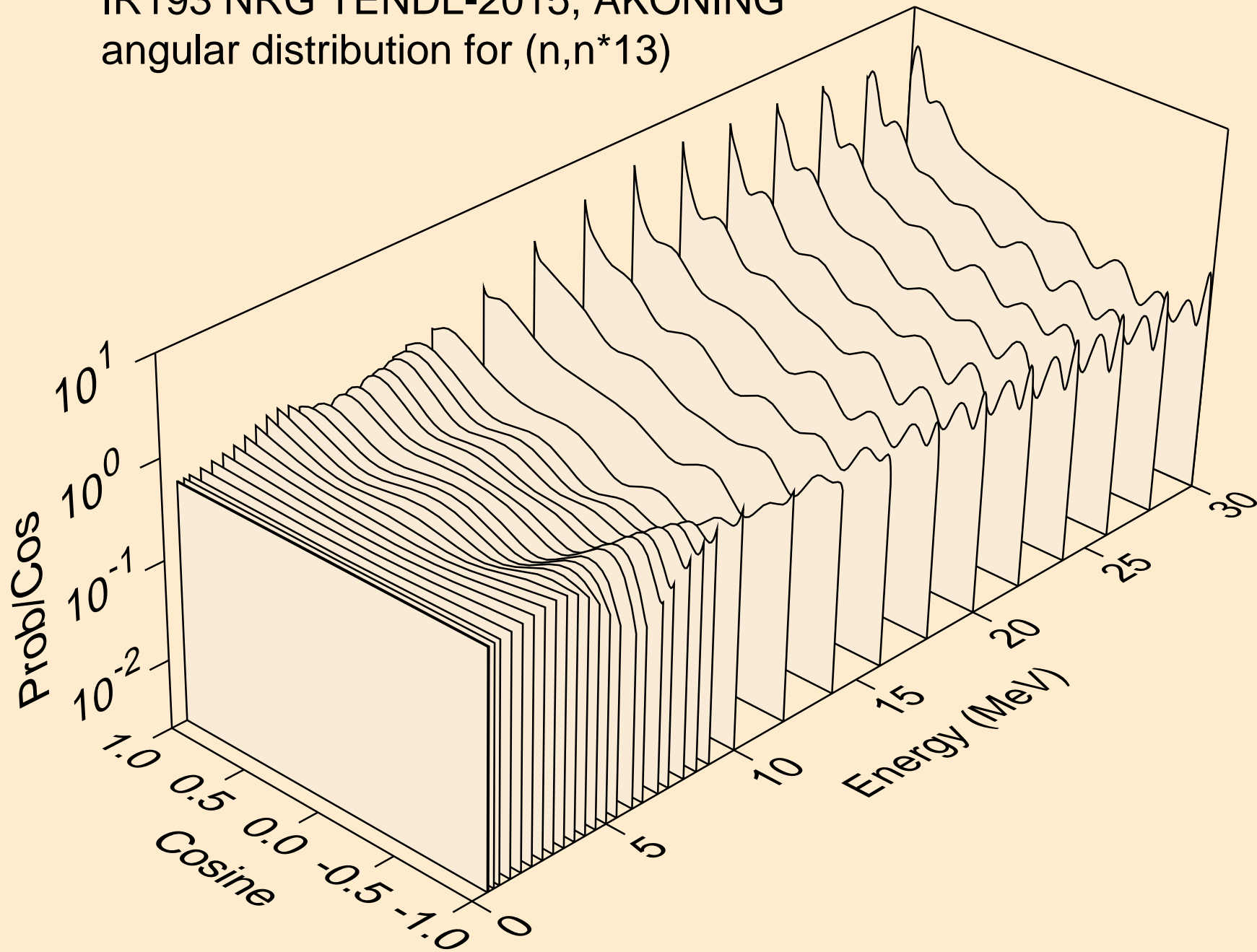
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



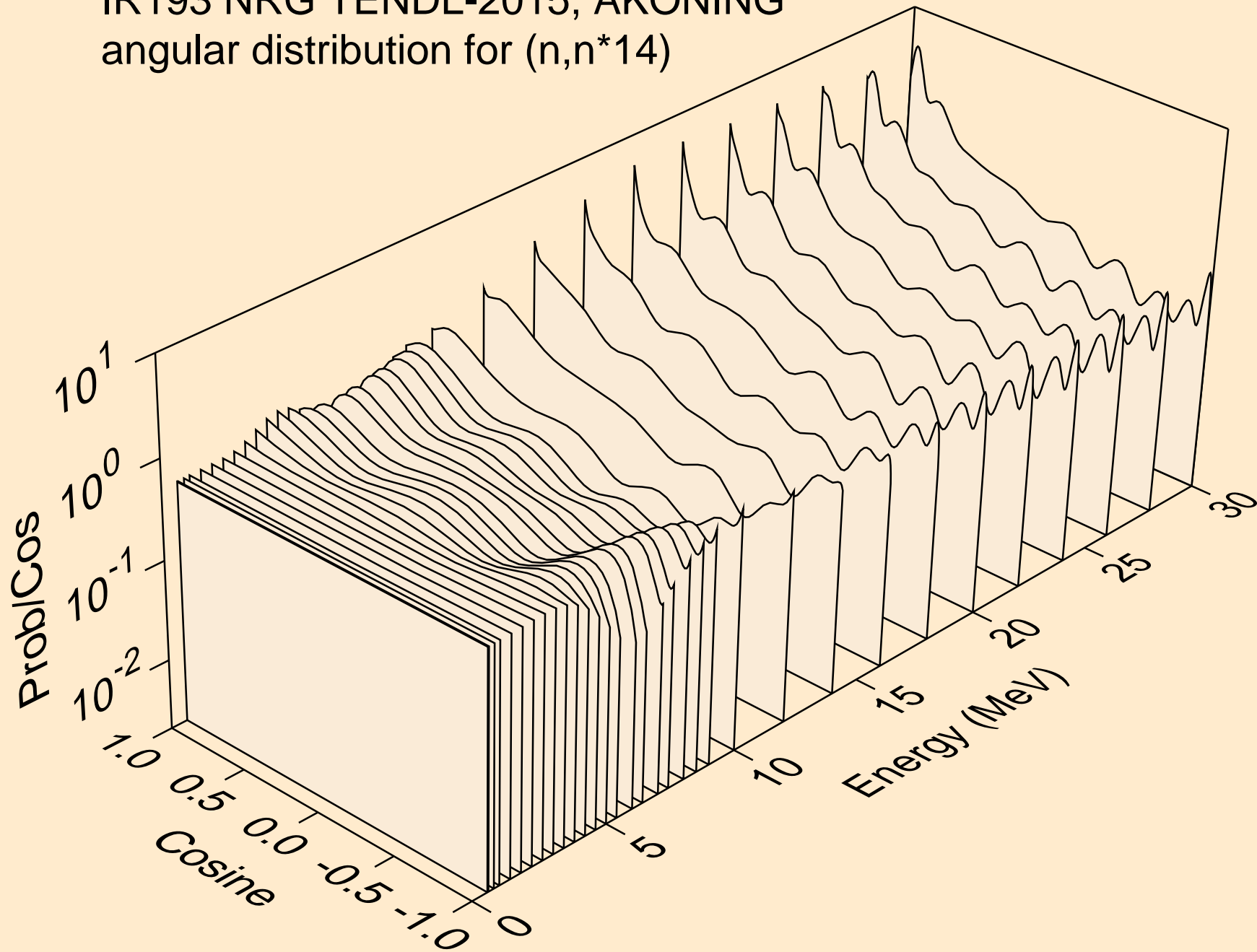
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



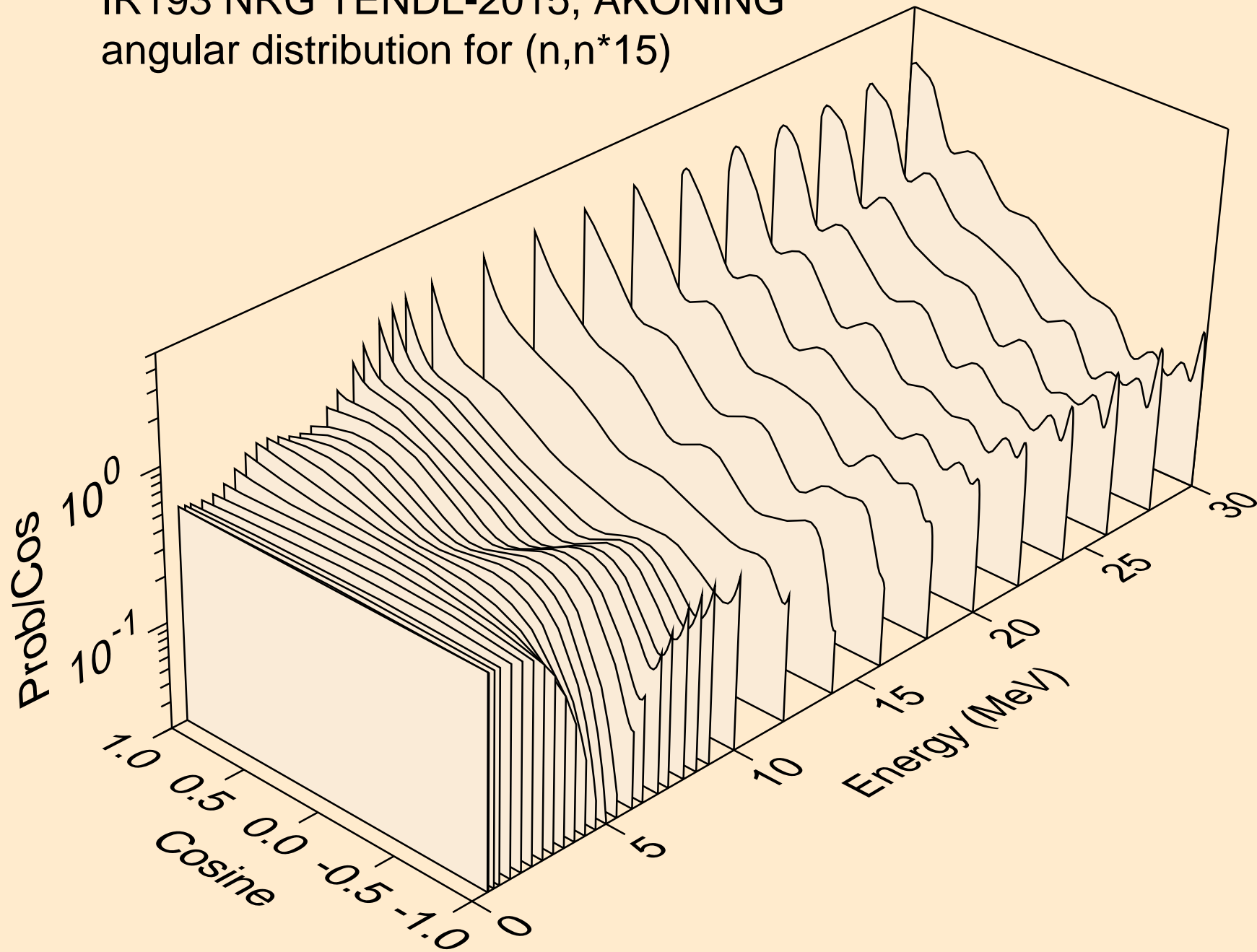
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

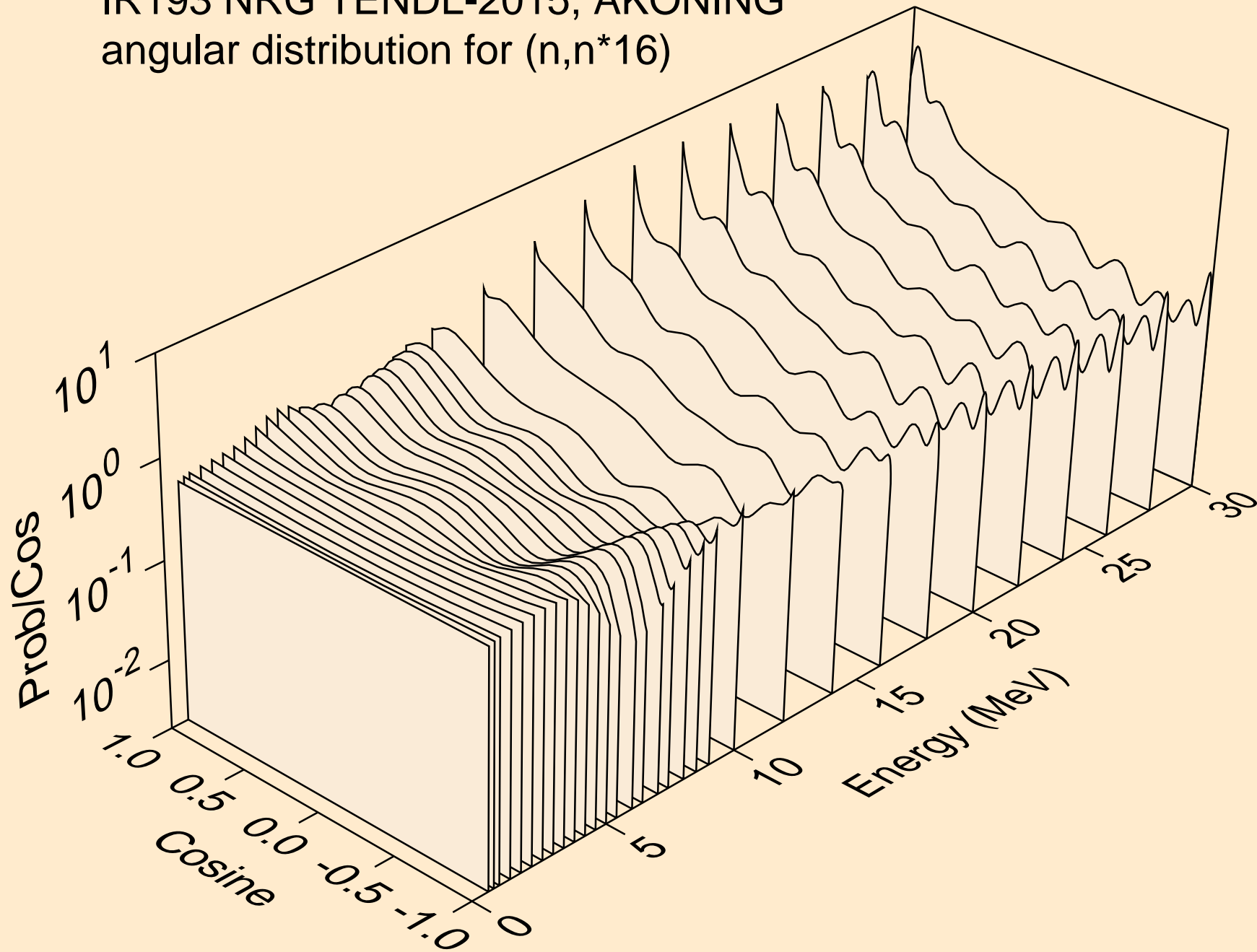


IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

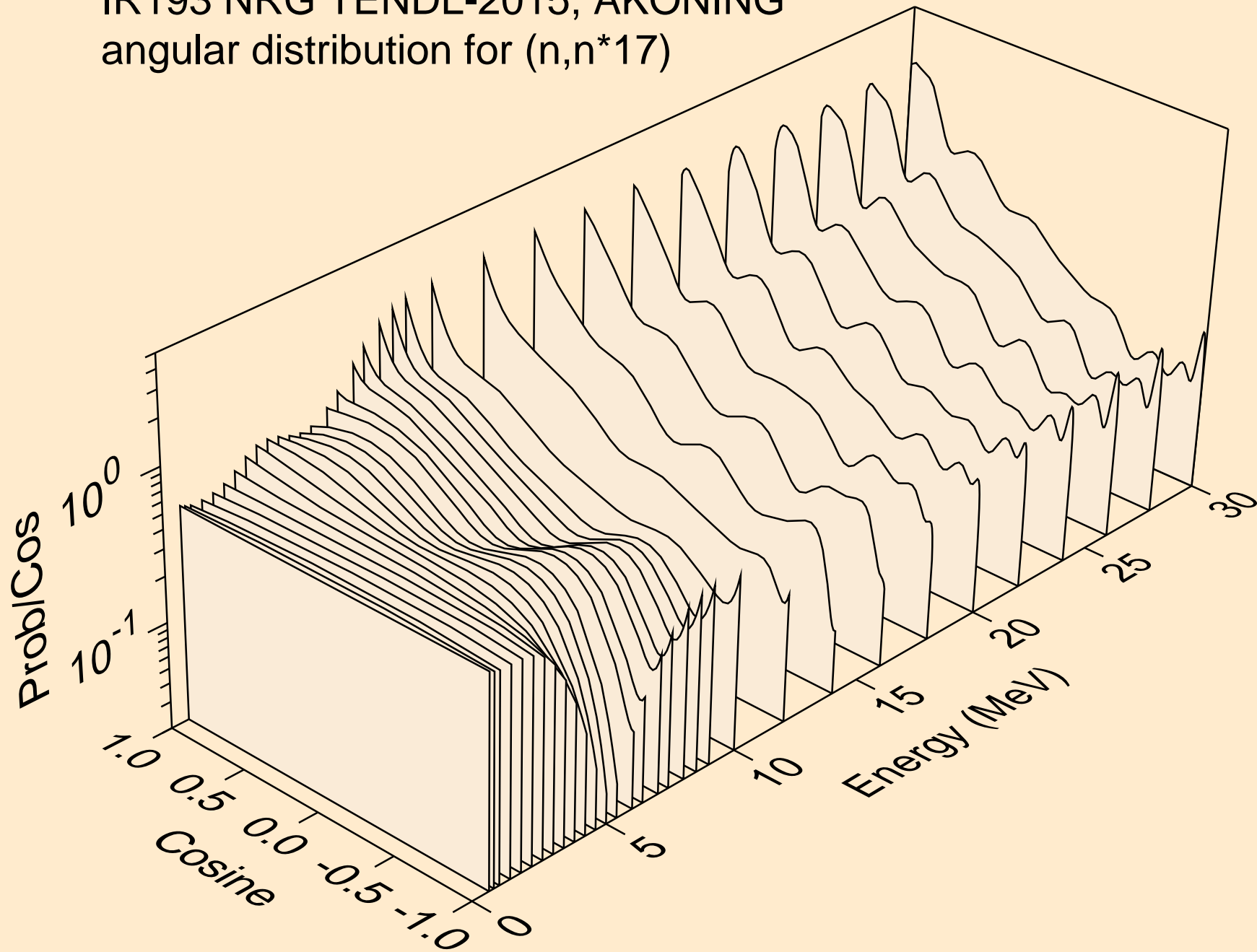




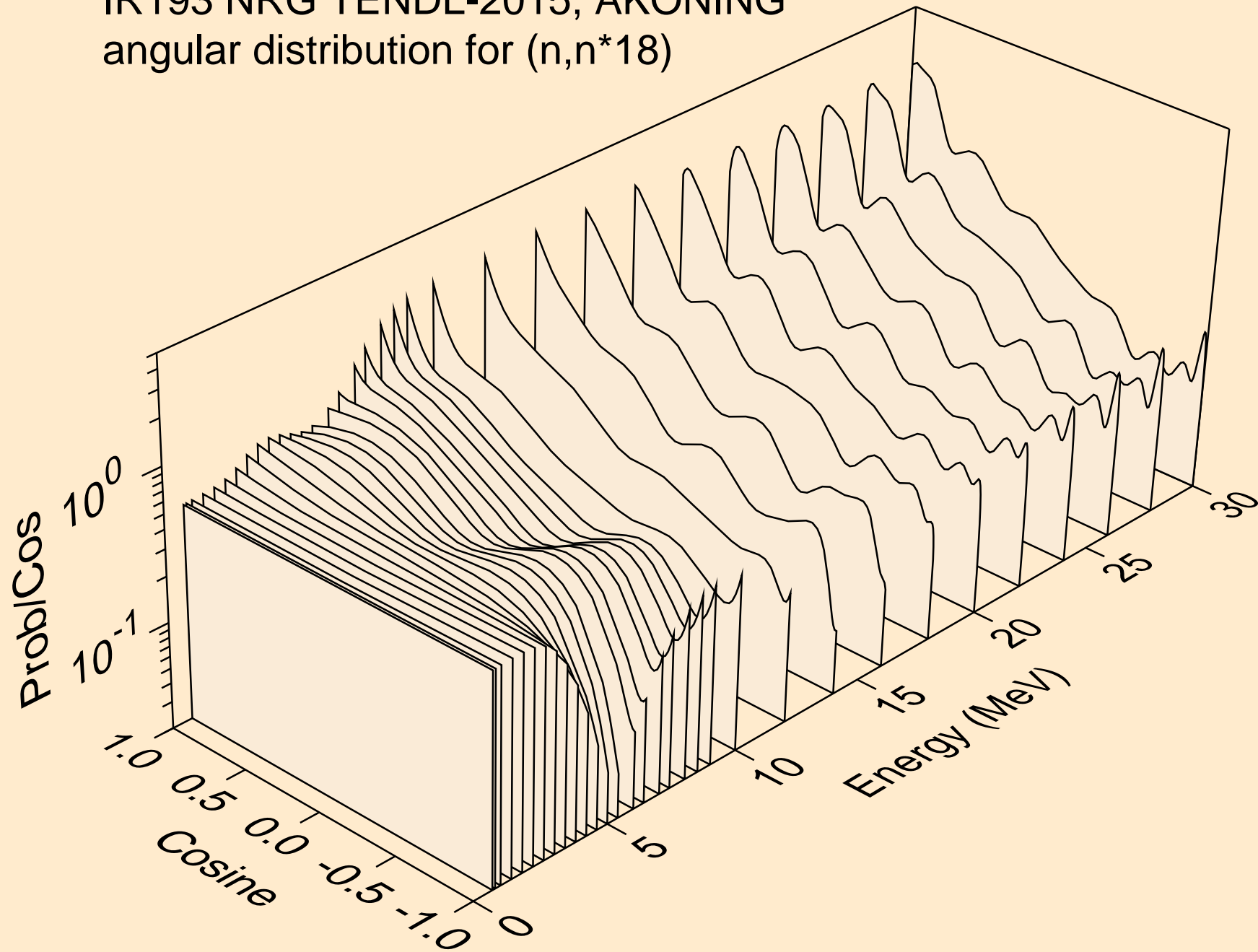
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



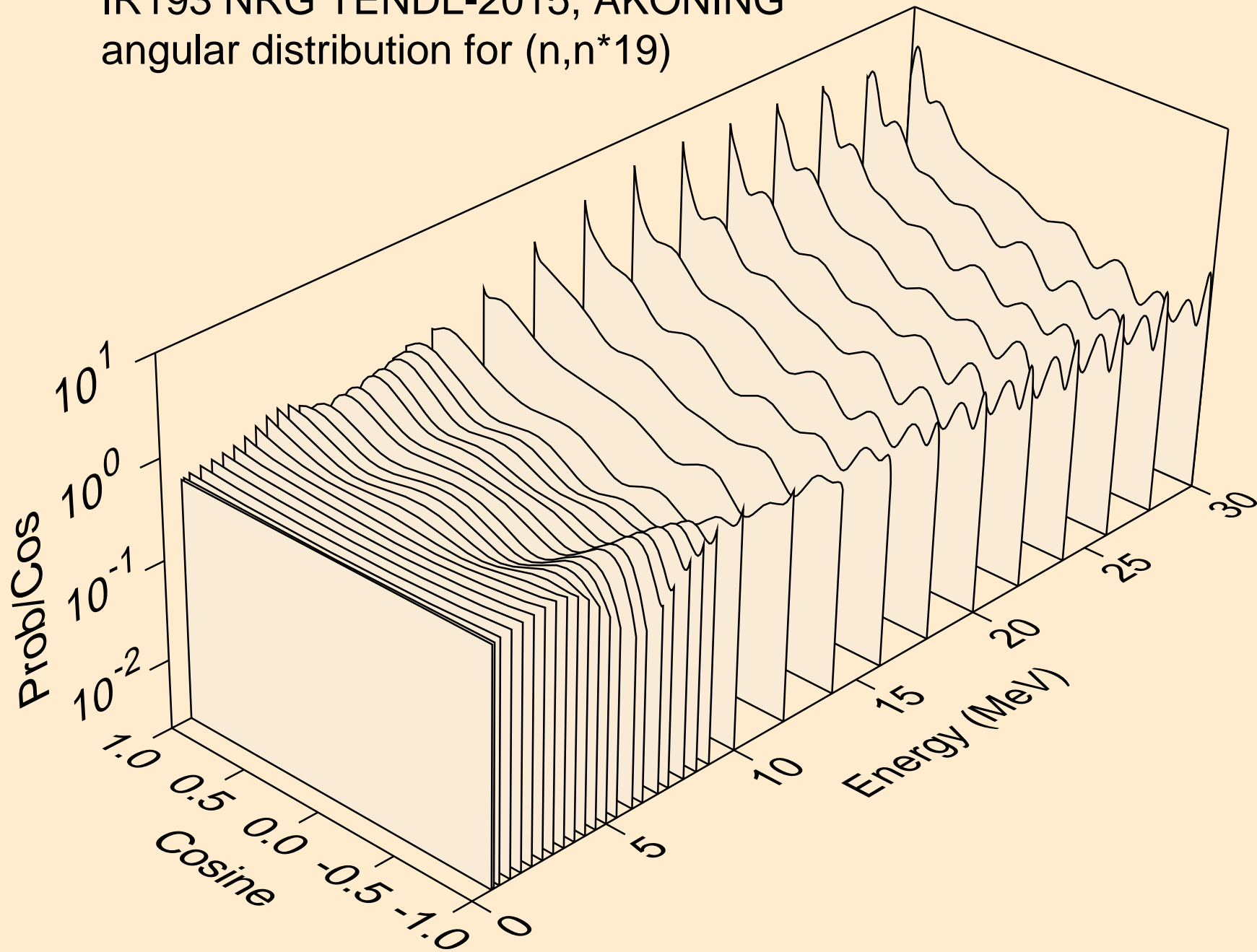
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



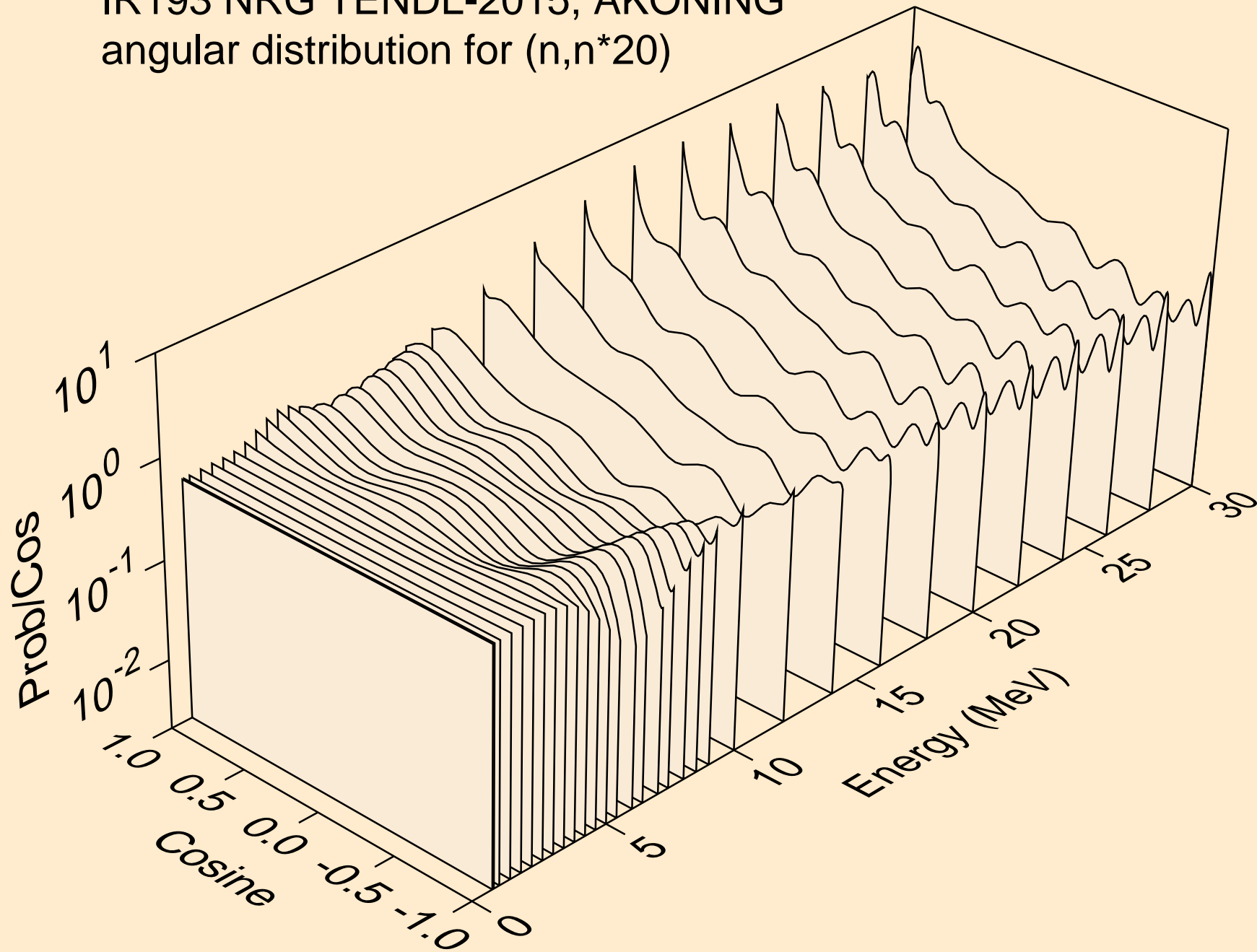
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



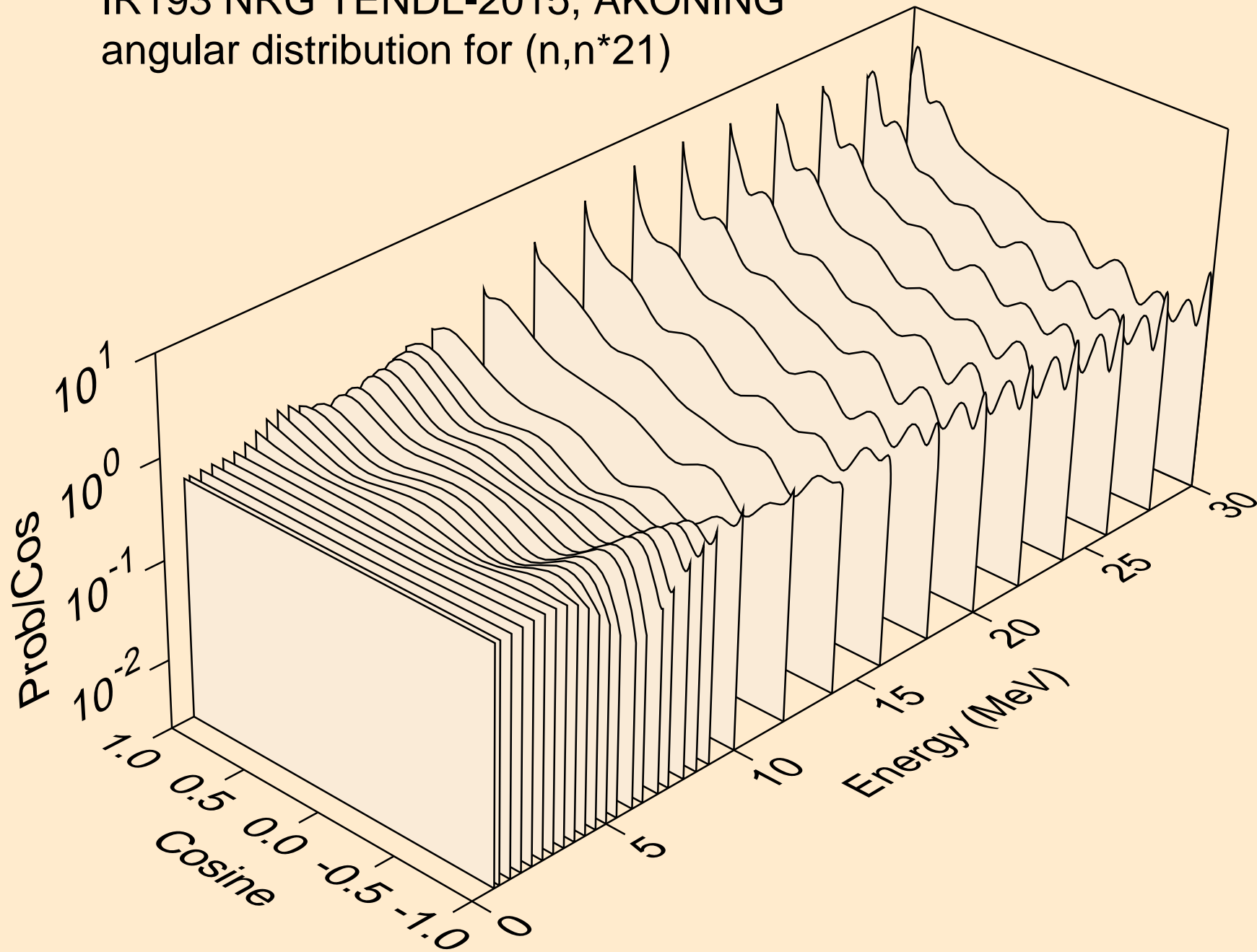
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



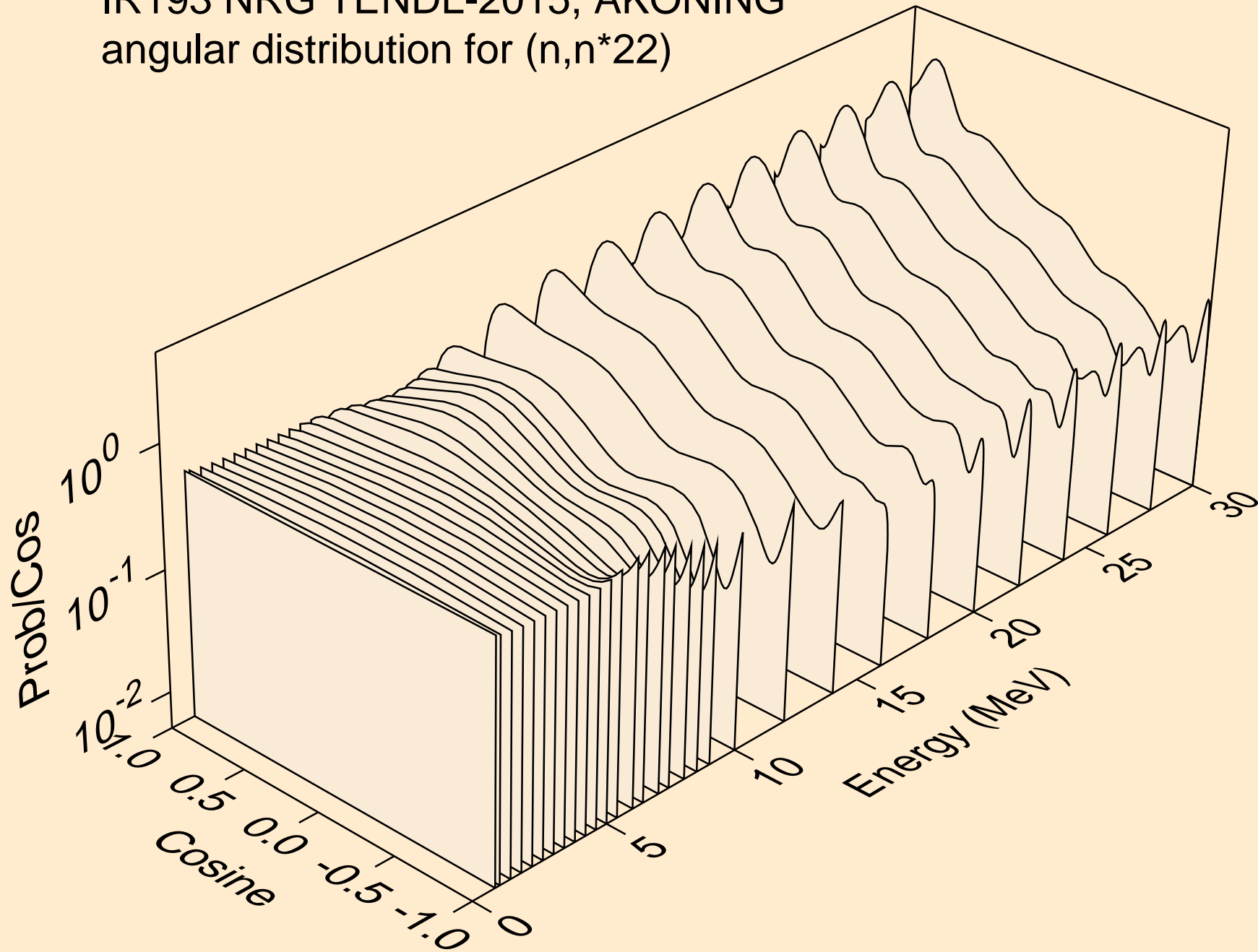
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



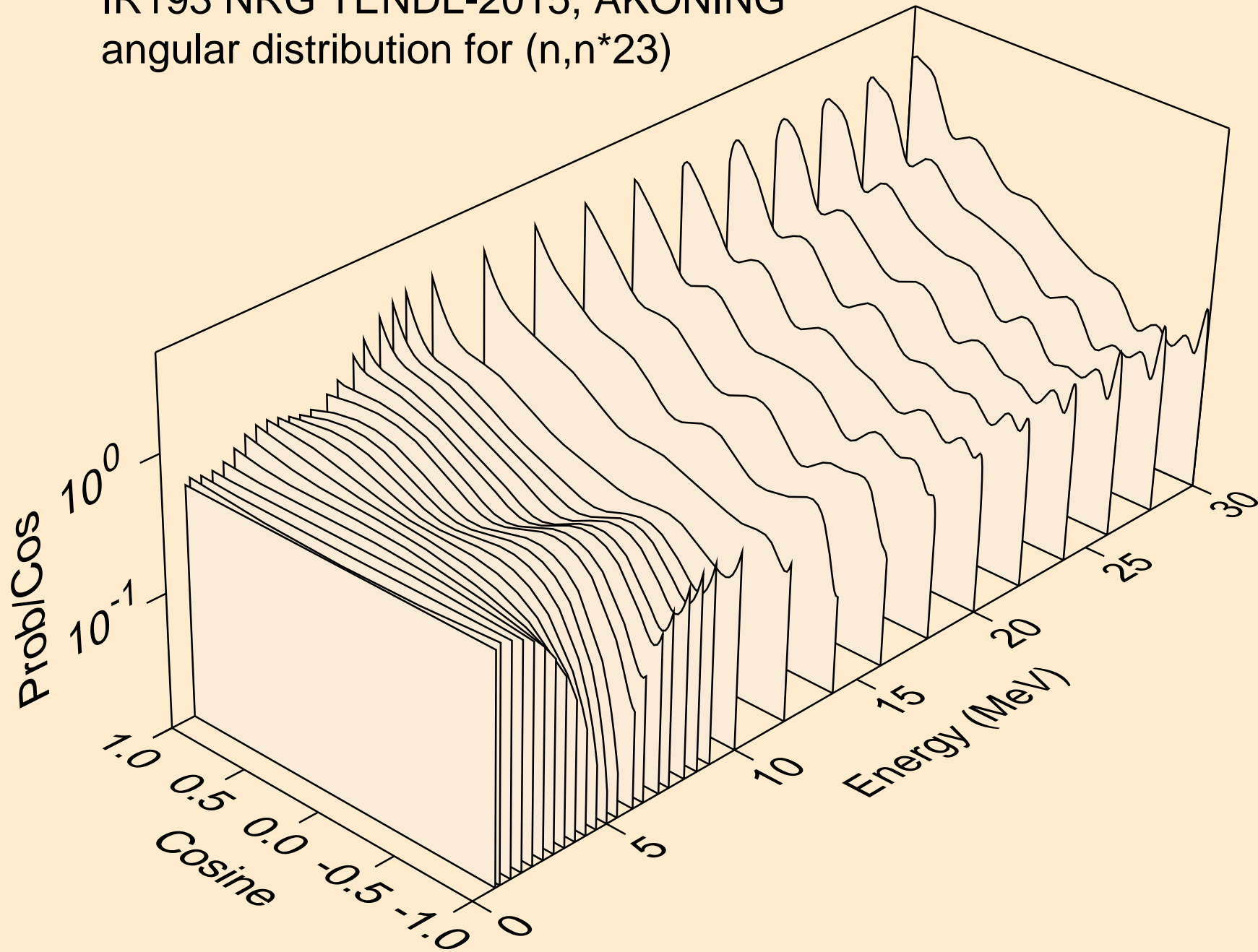
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

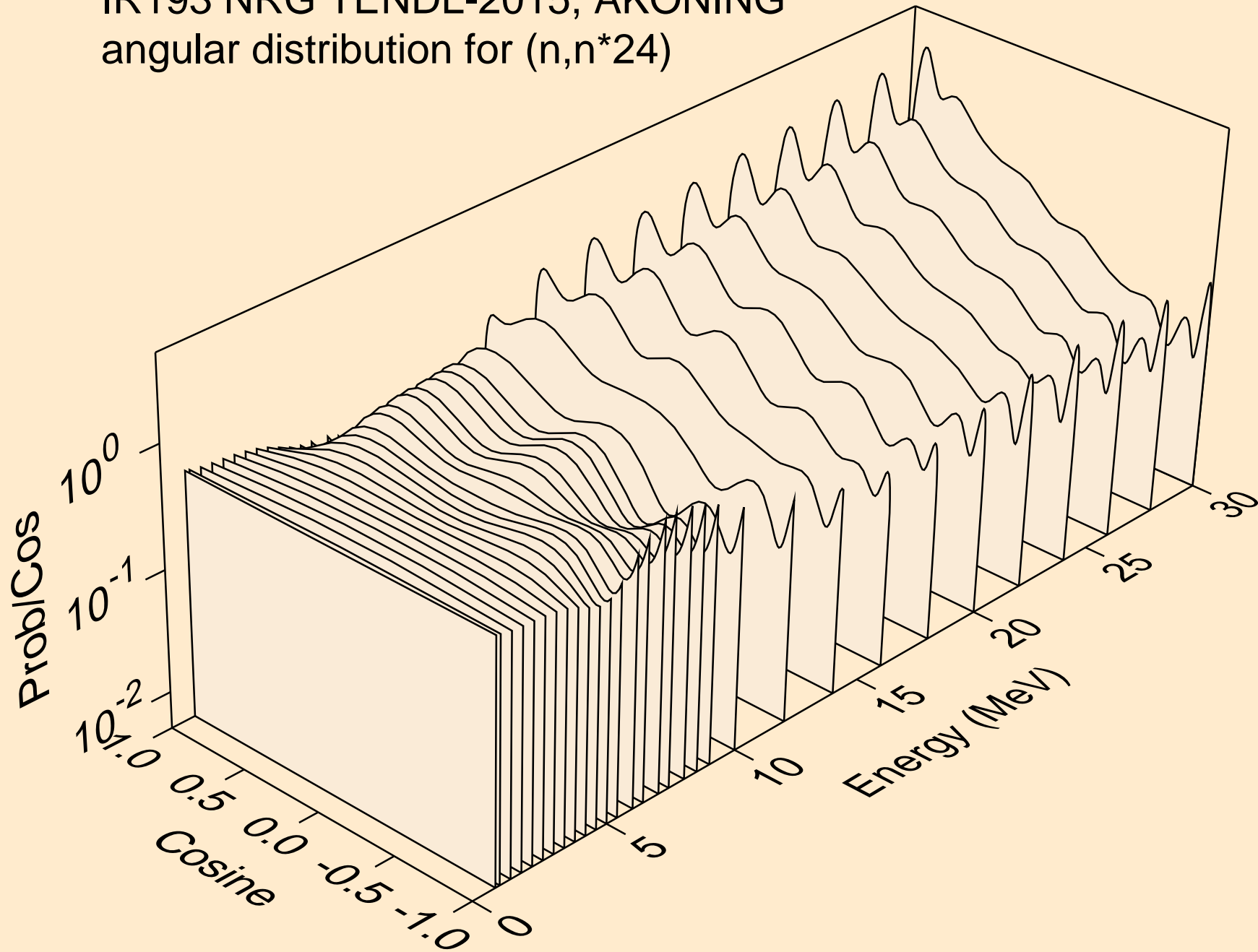


IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

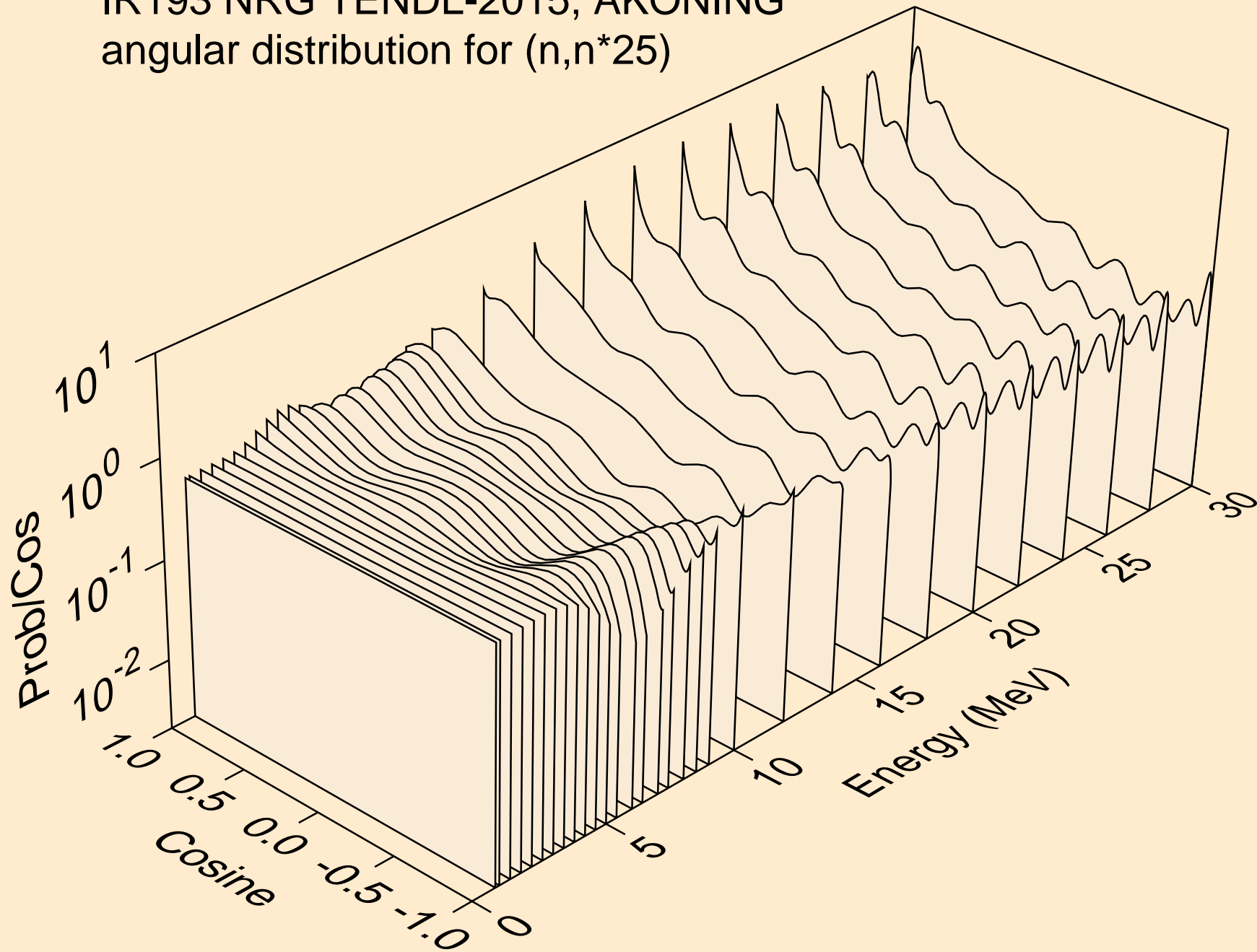




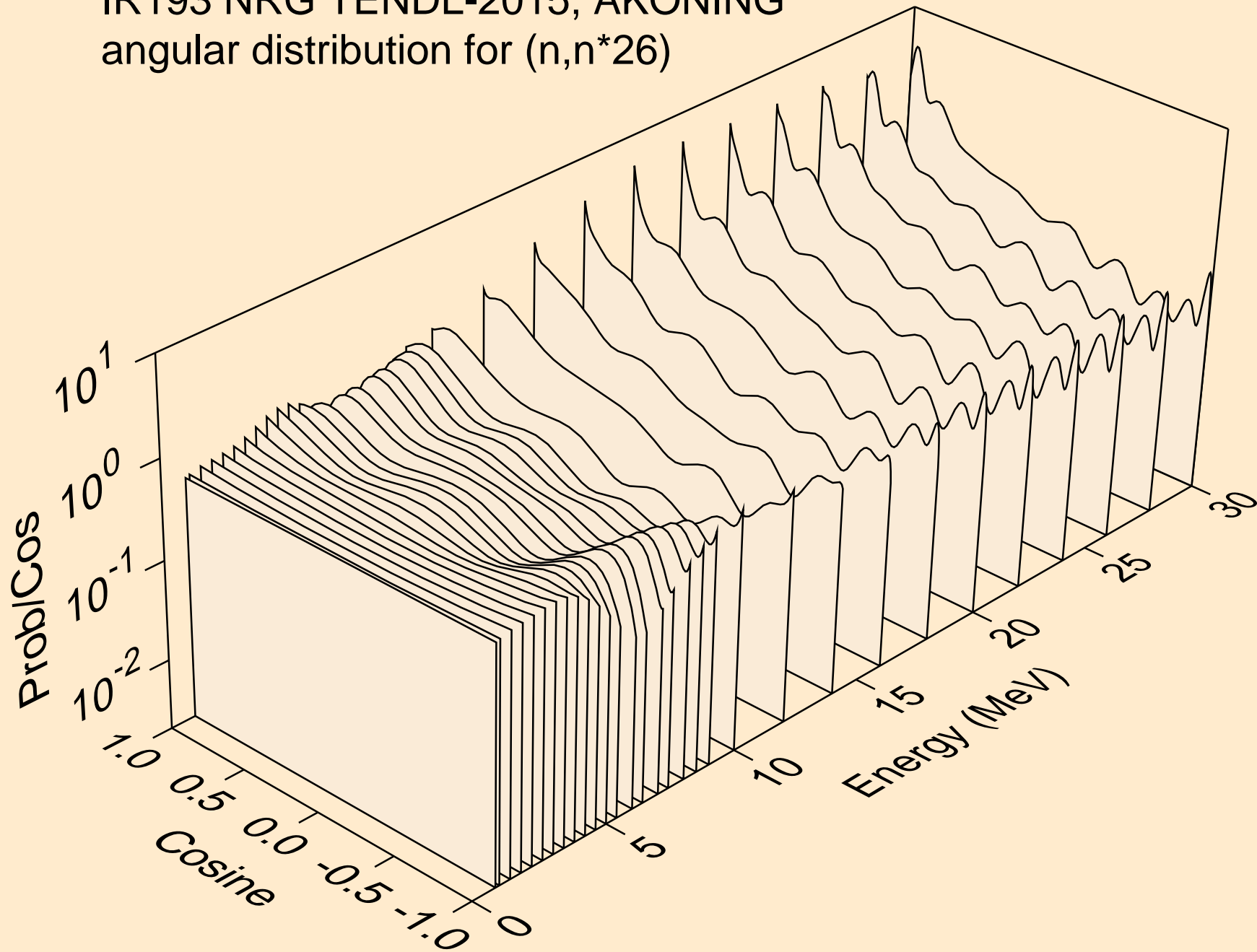
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



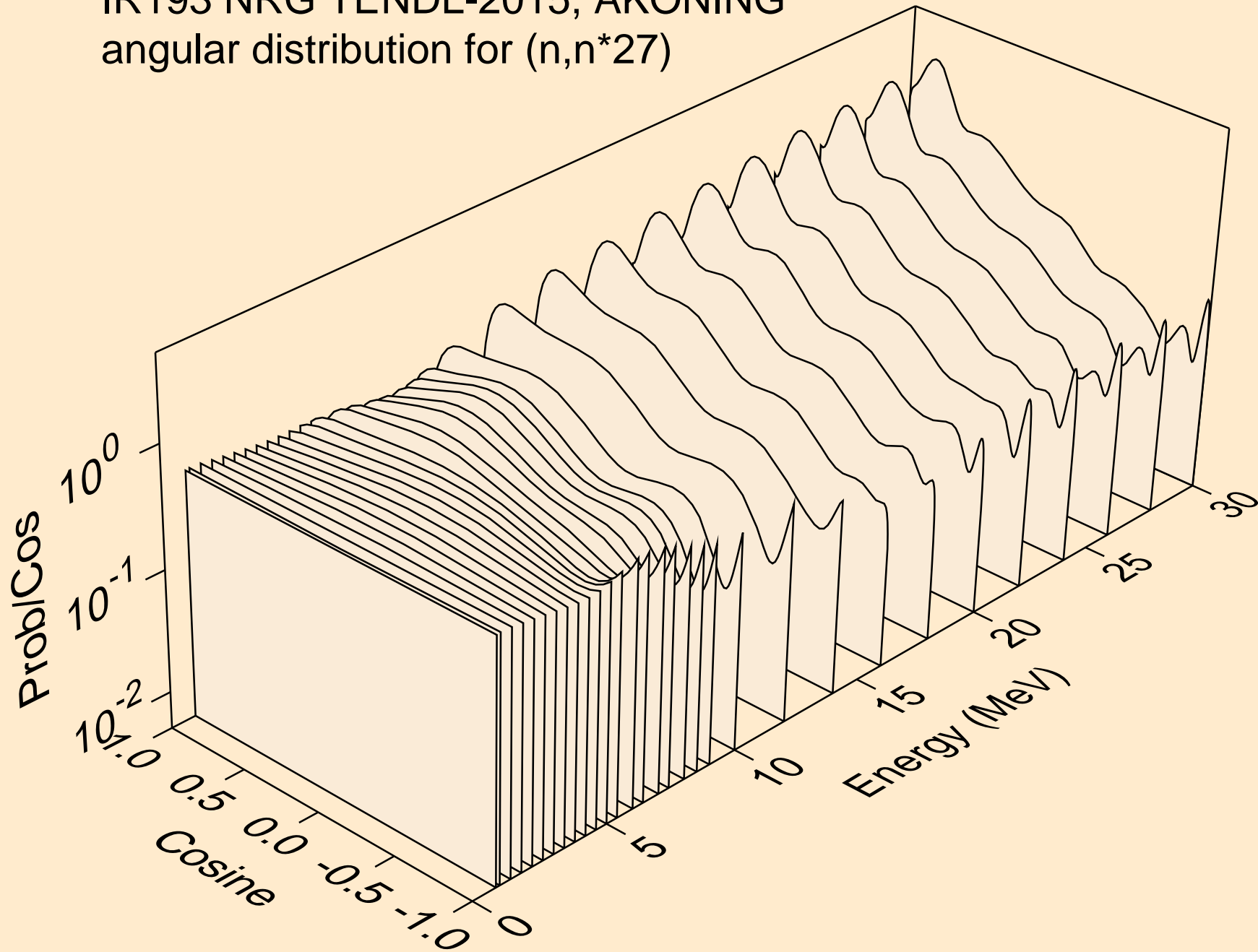
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



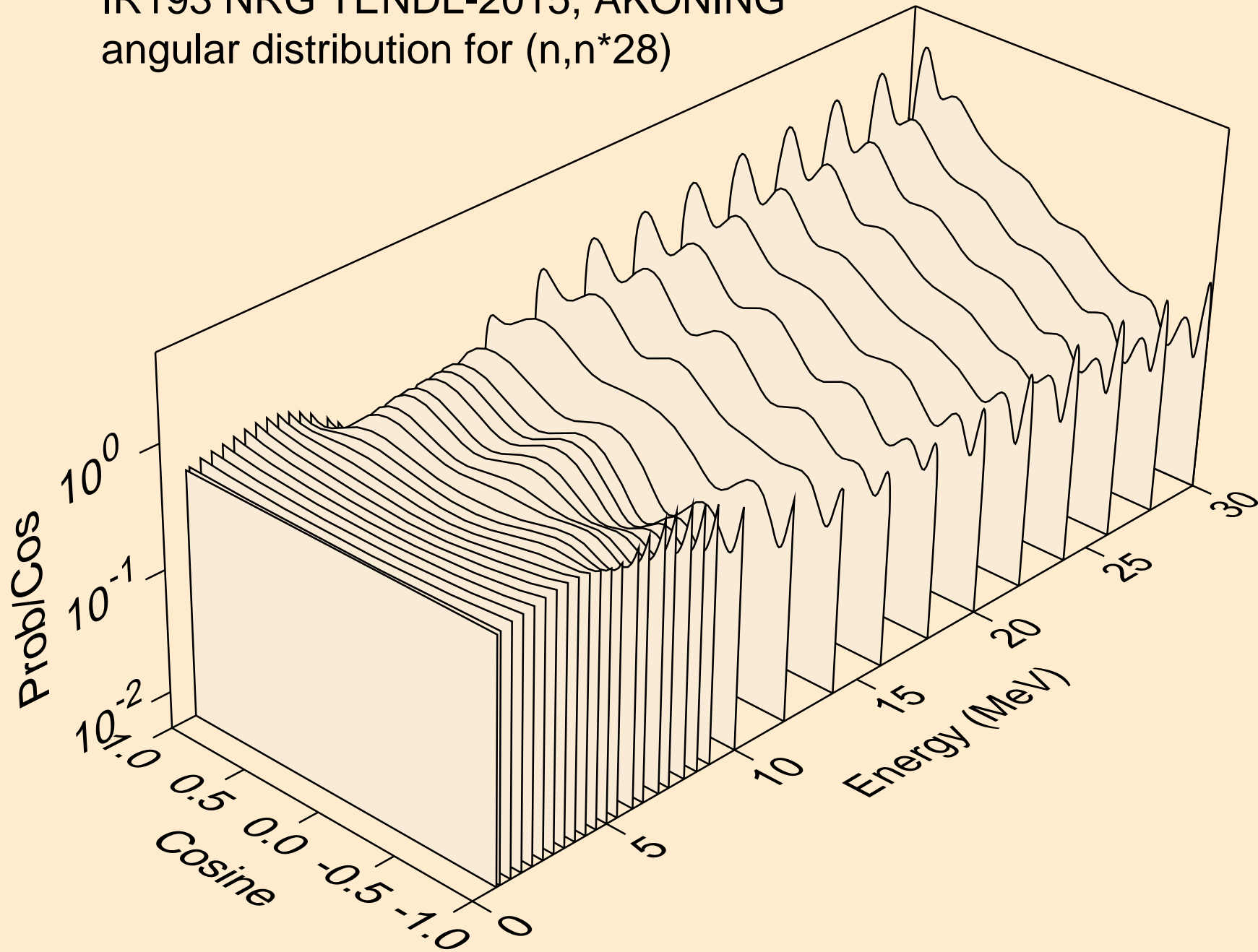
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



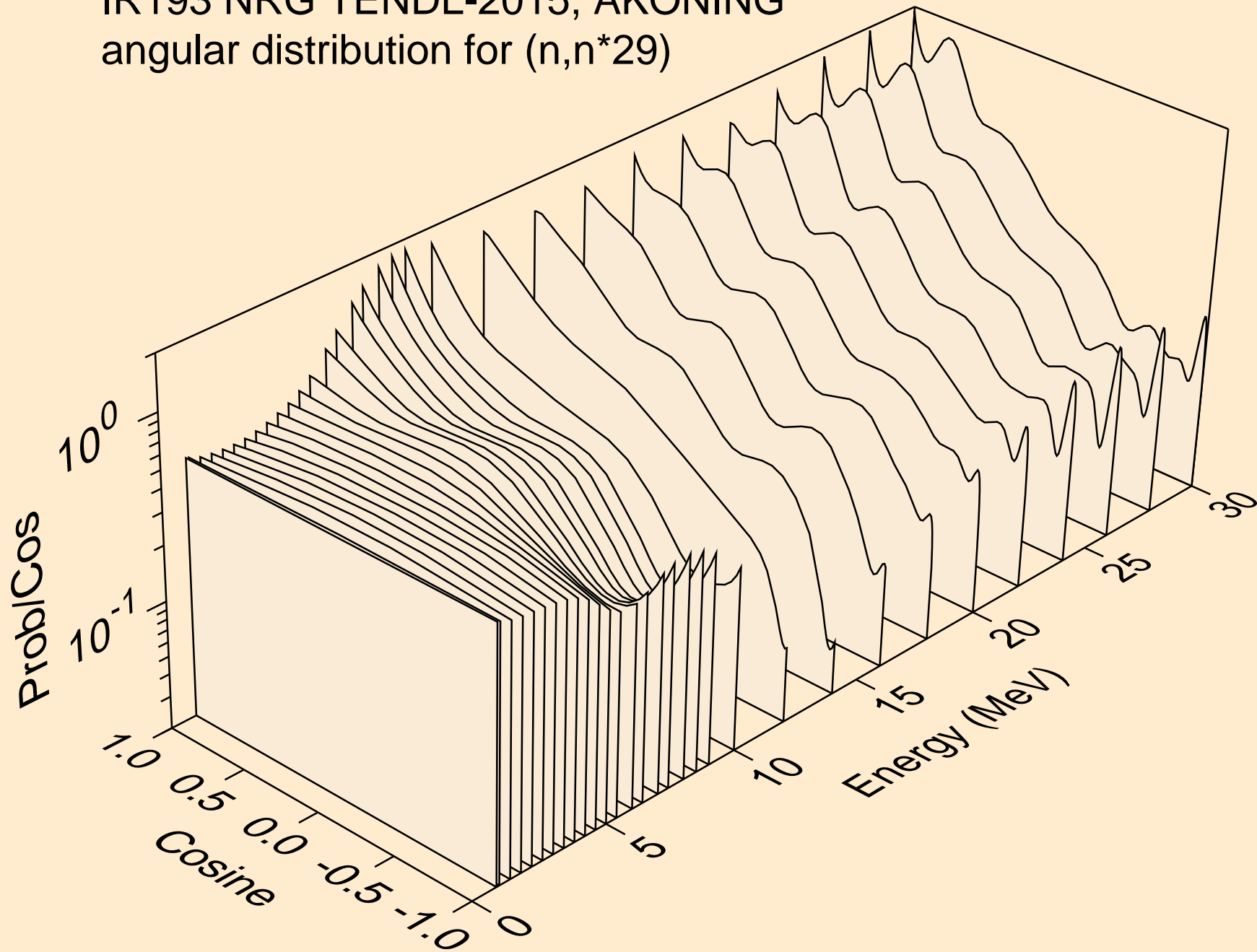
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



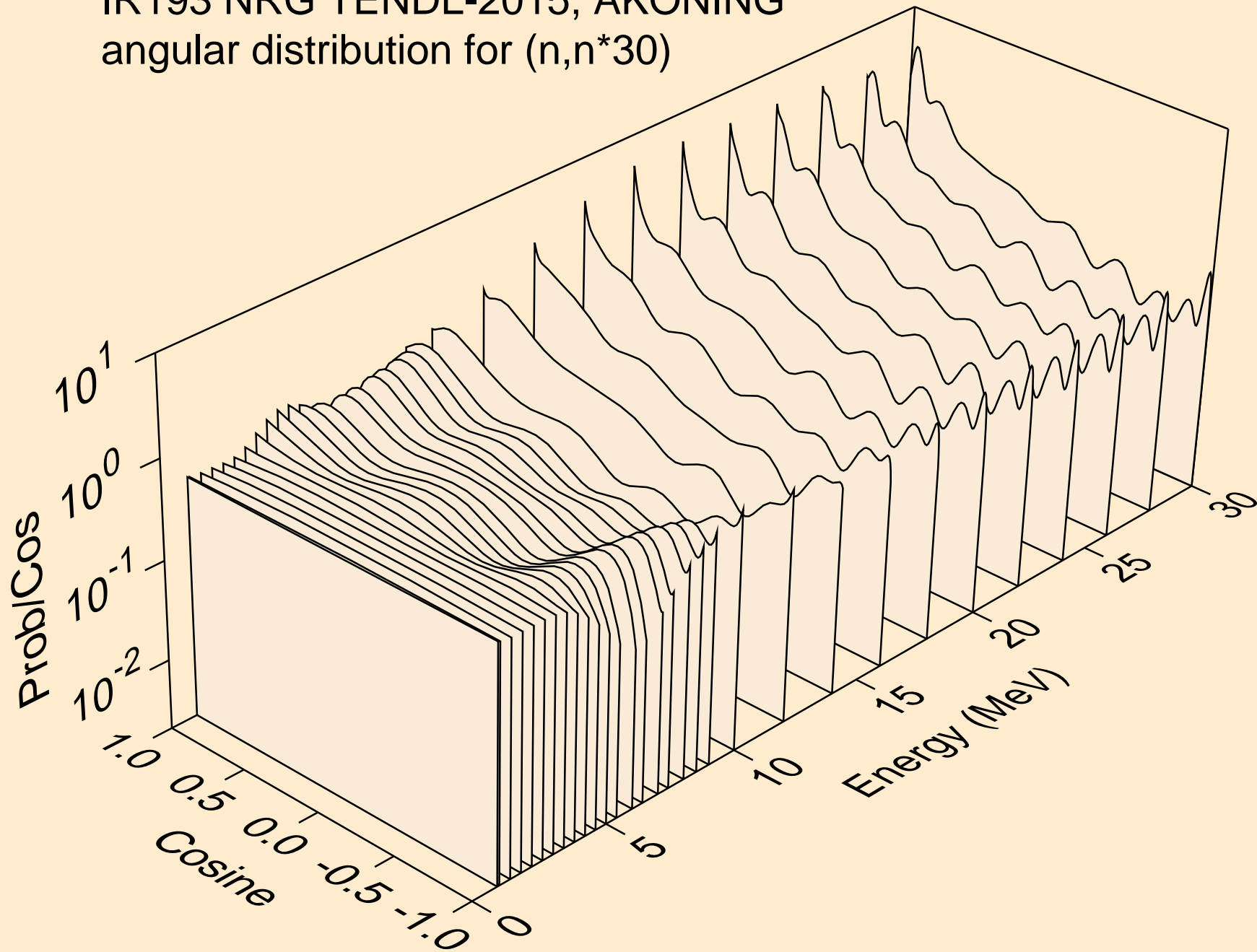
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



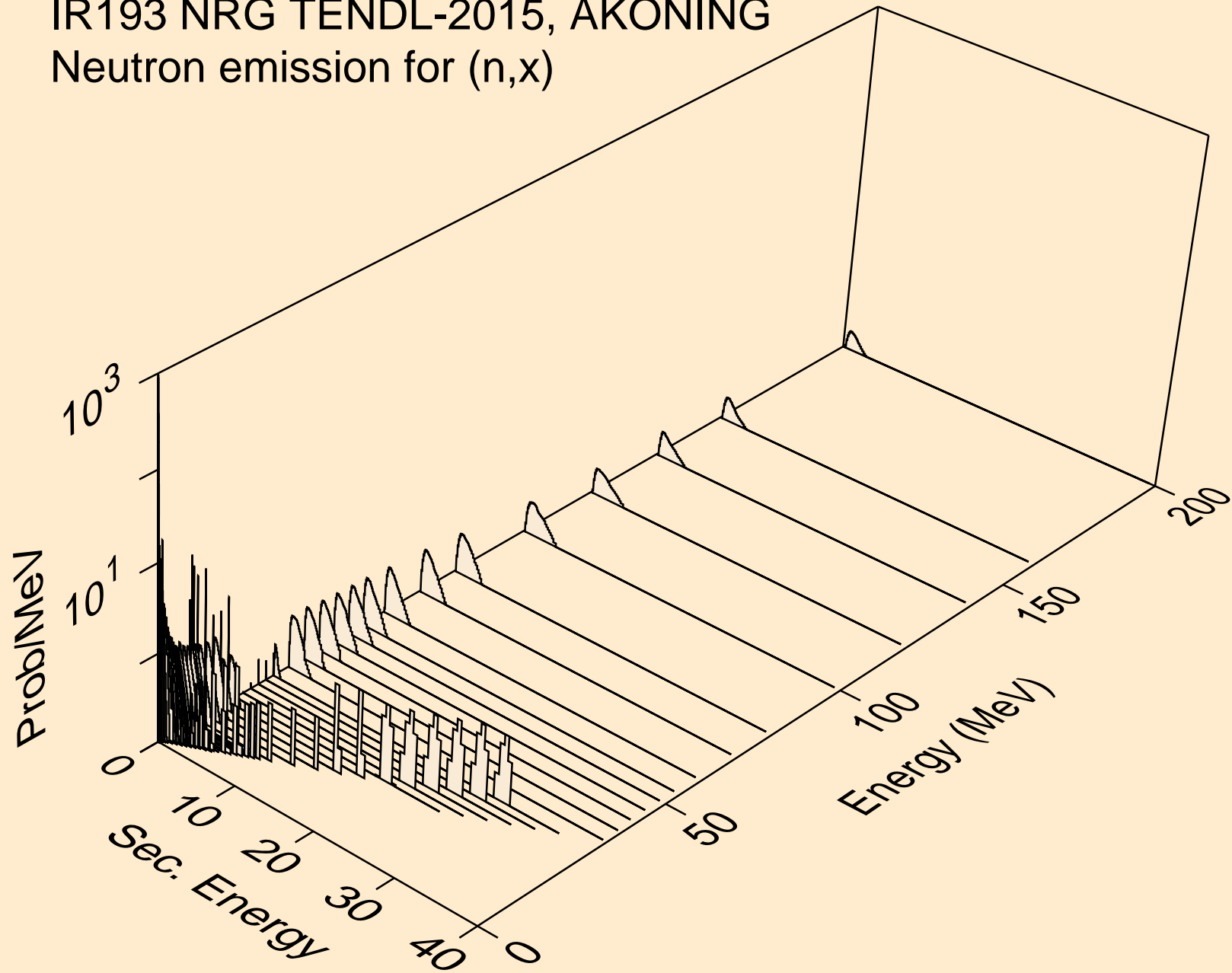
IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



IR193 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

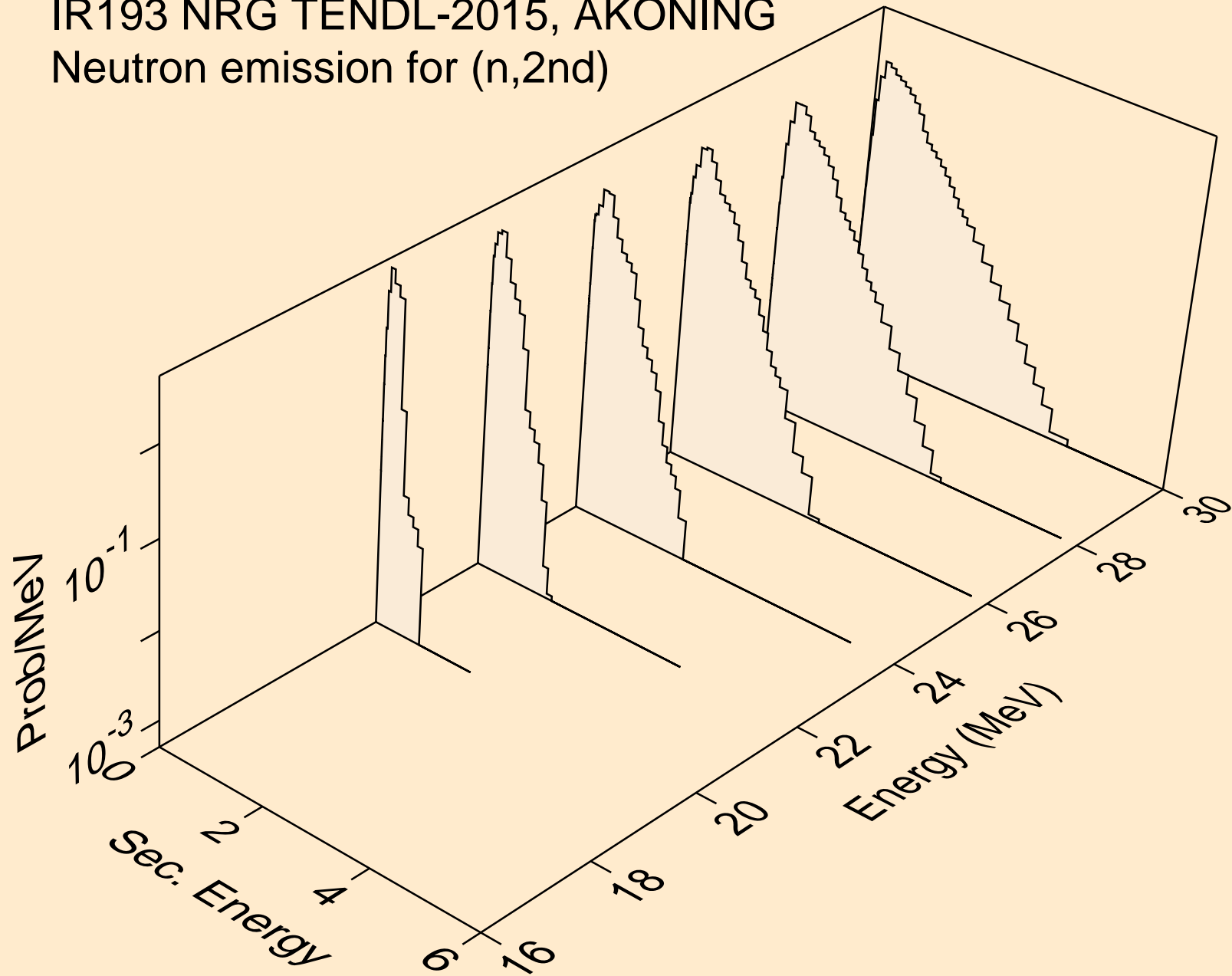


IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

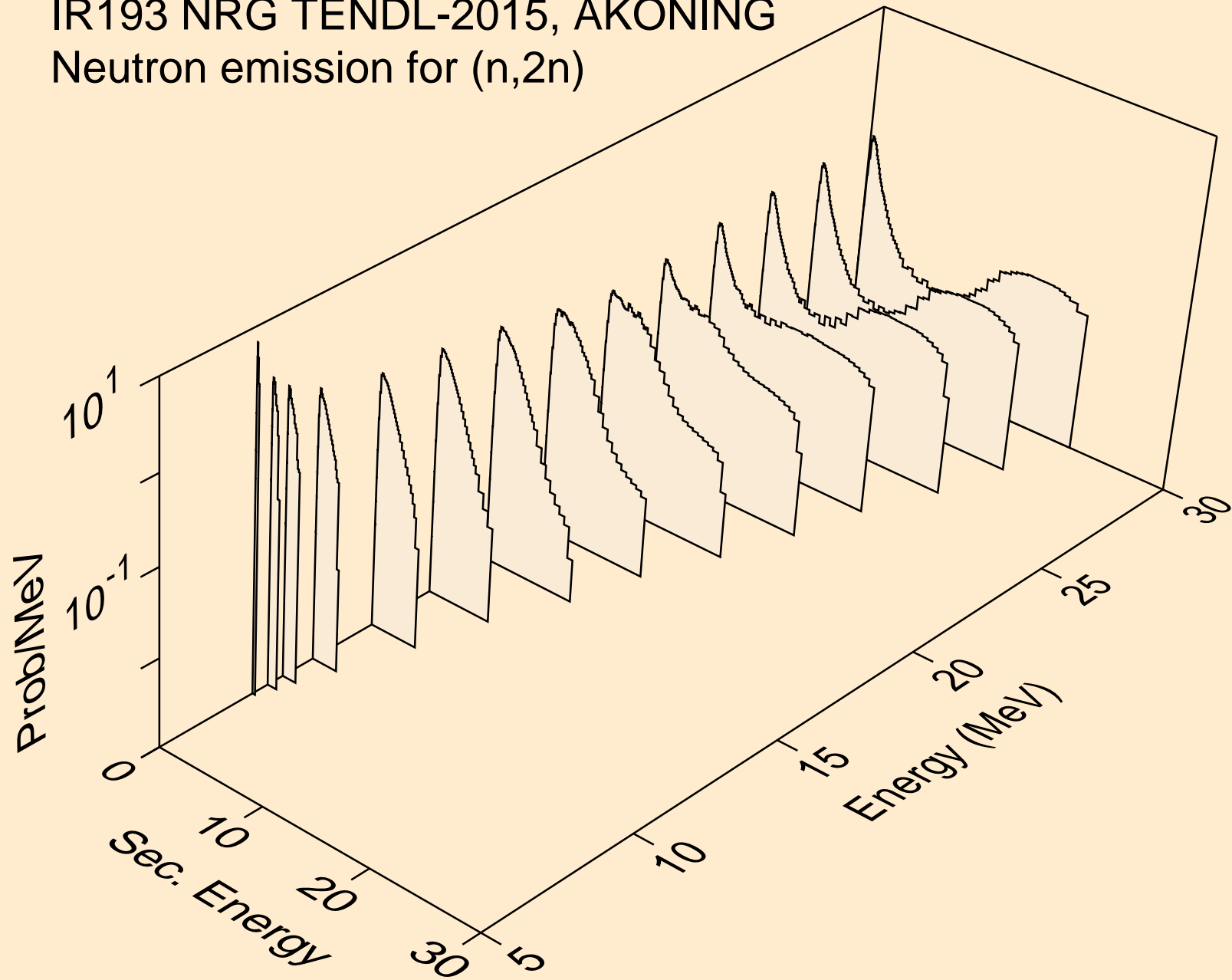




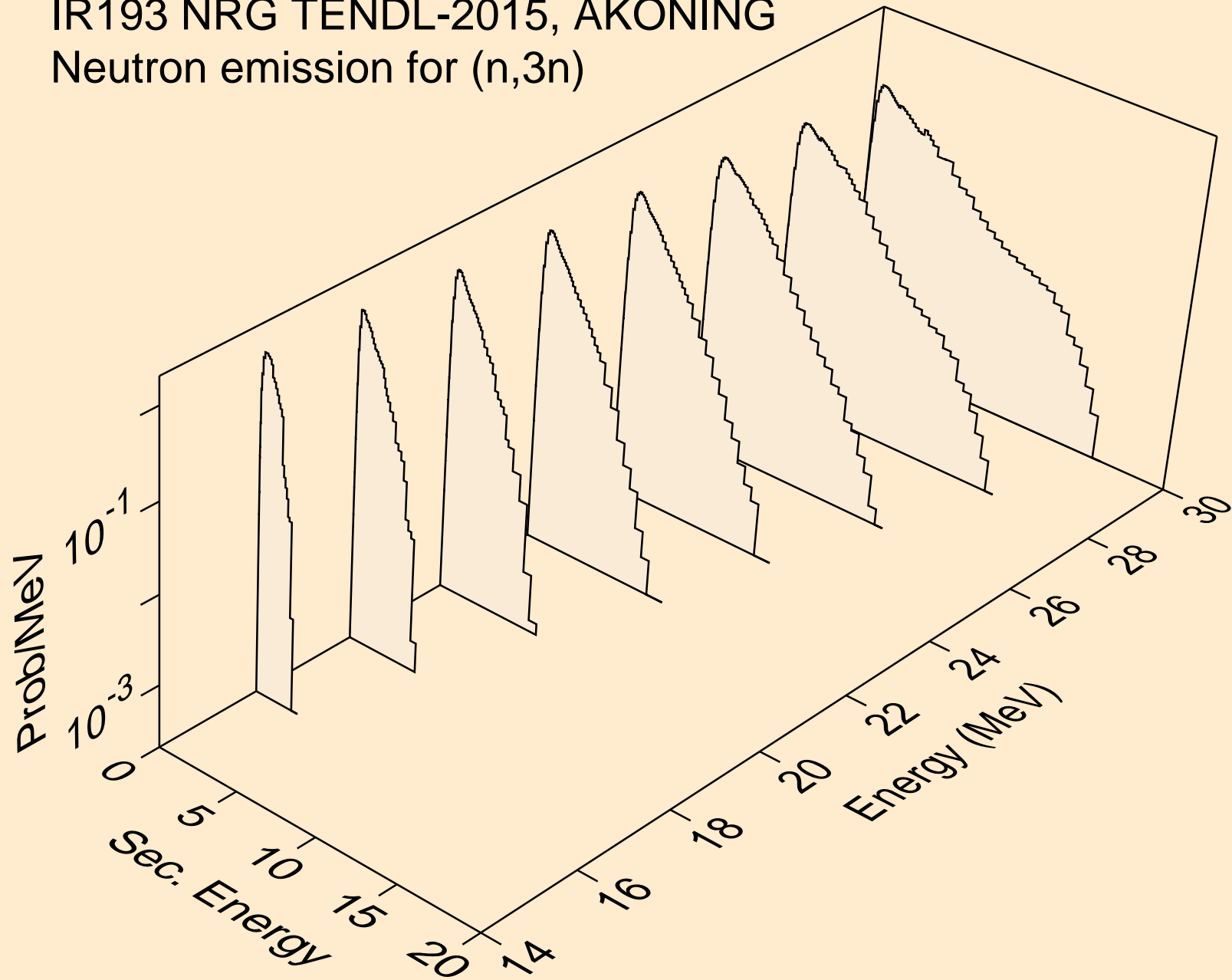
IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



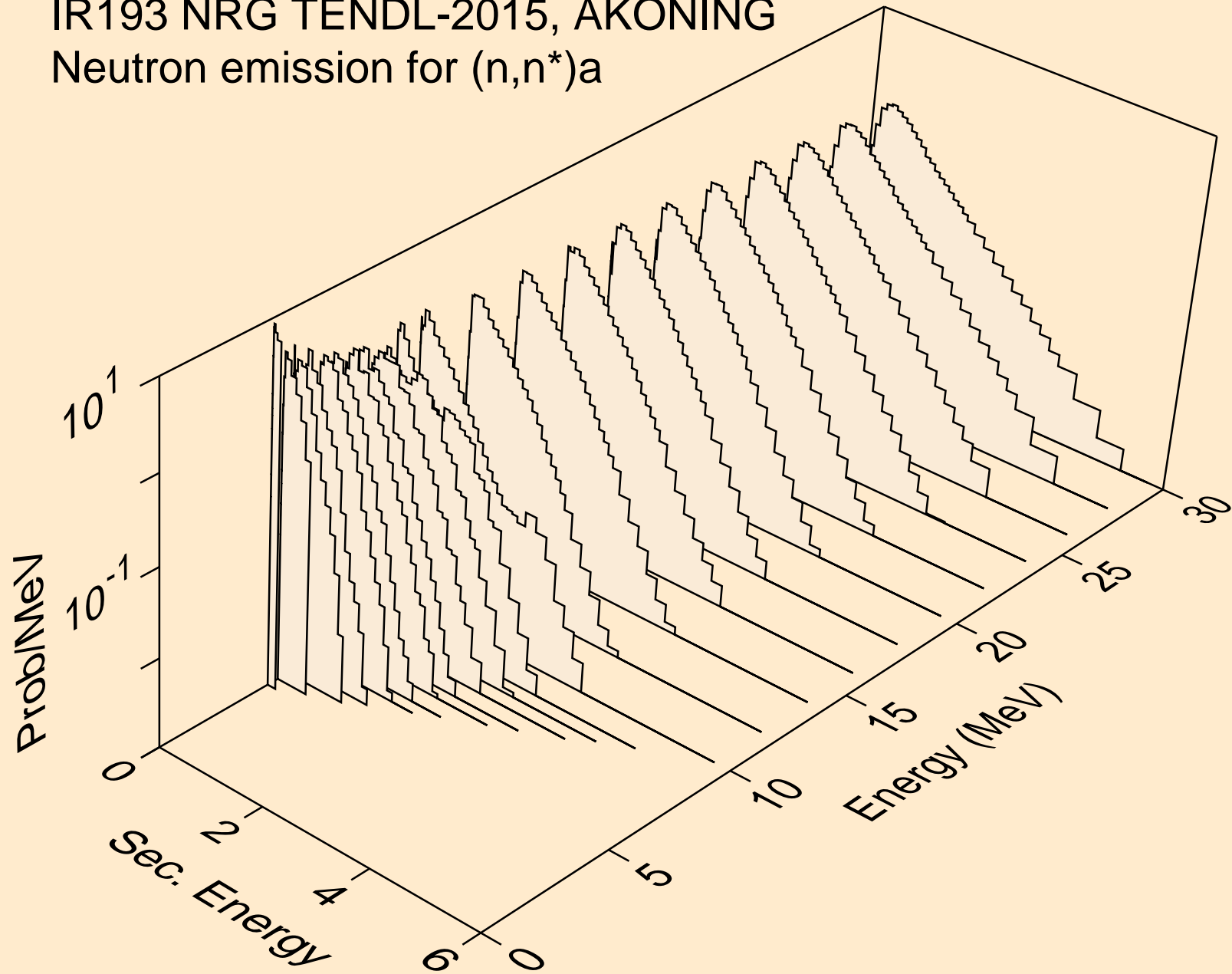
IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



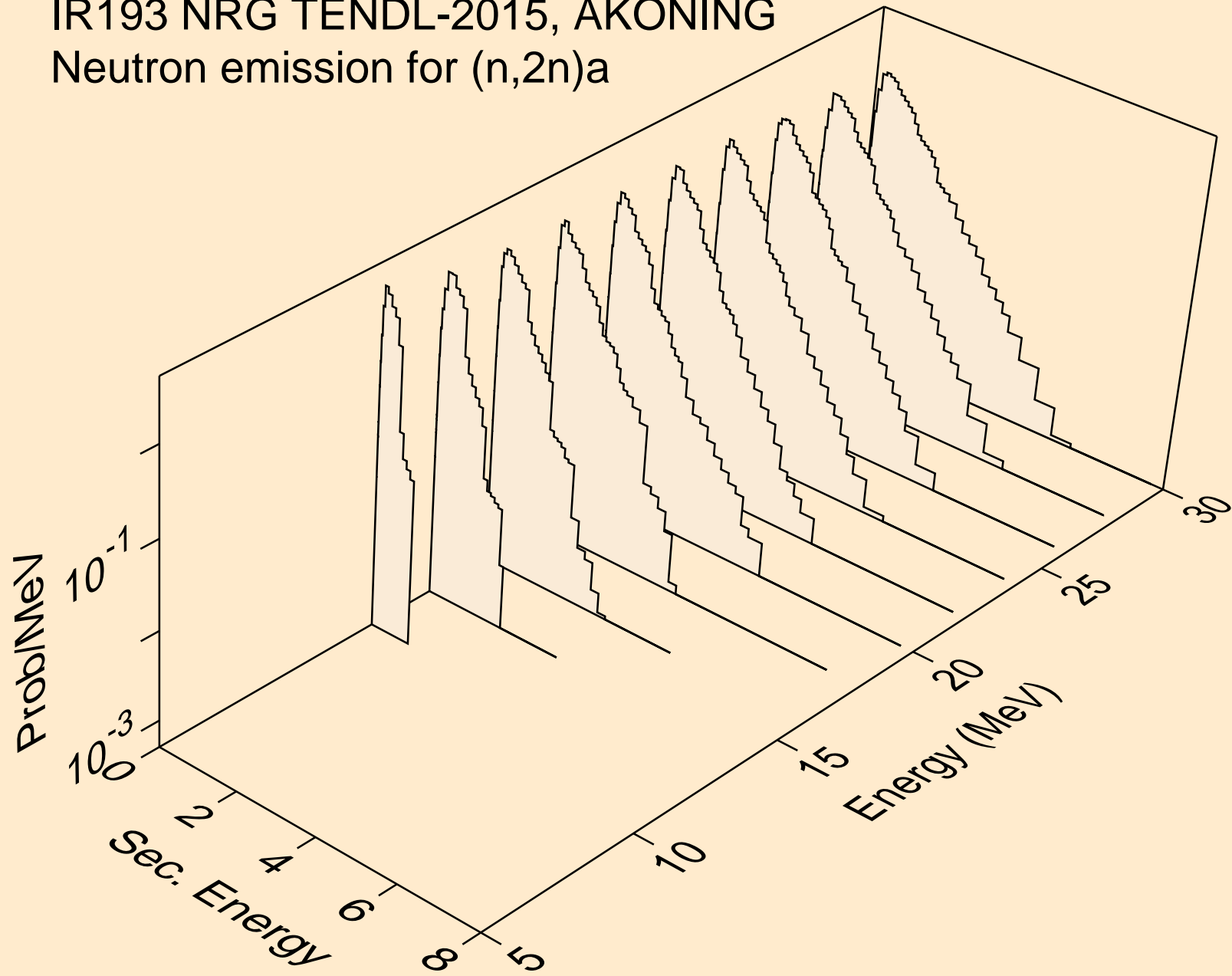
IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



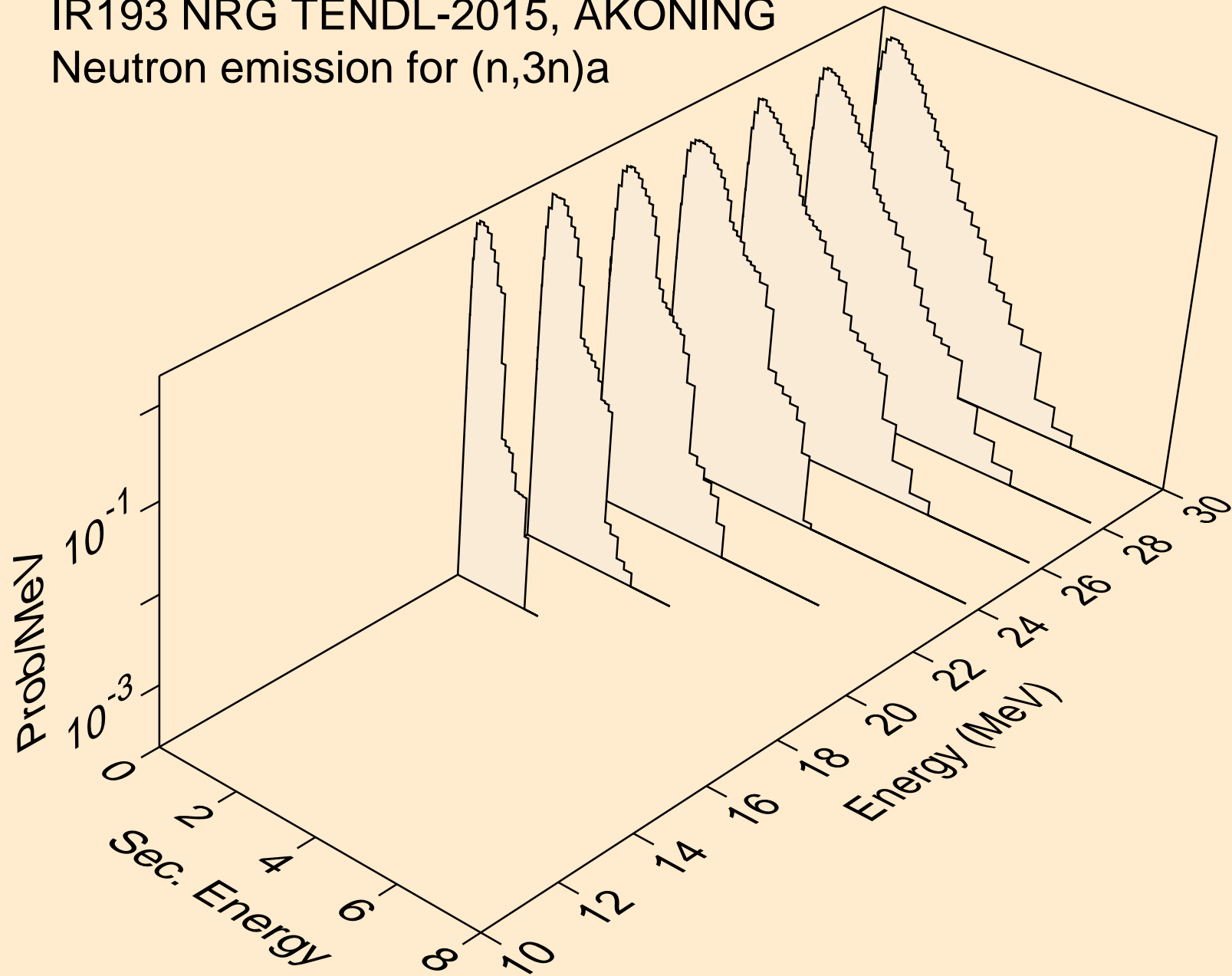
IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



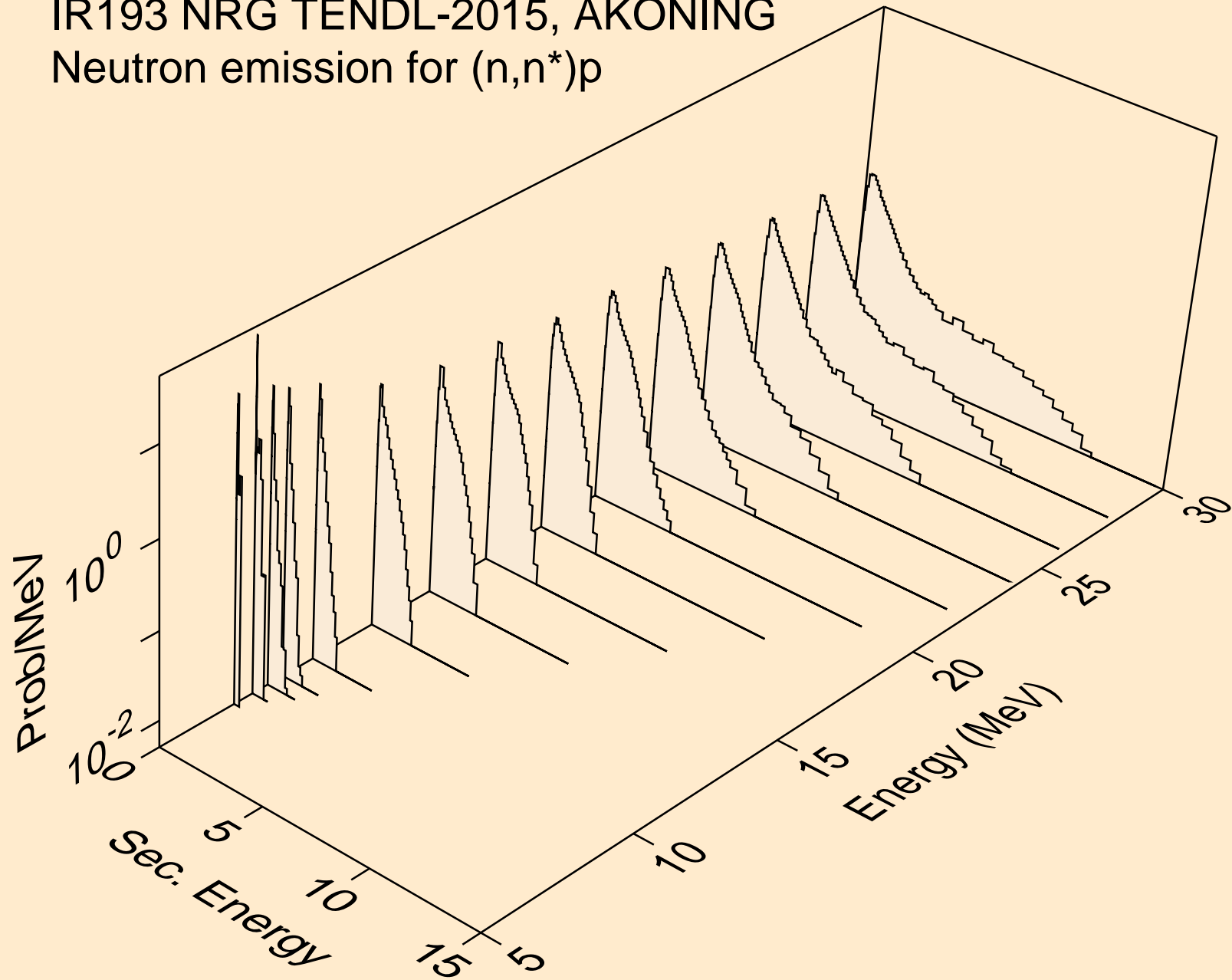
IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



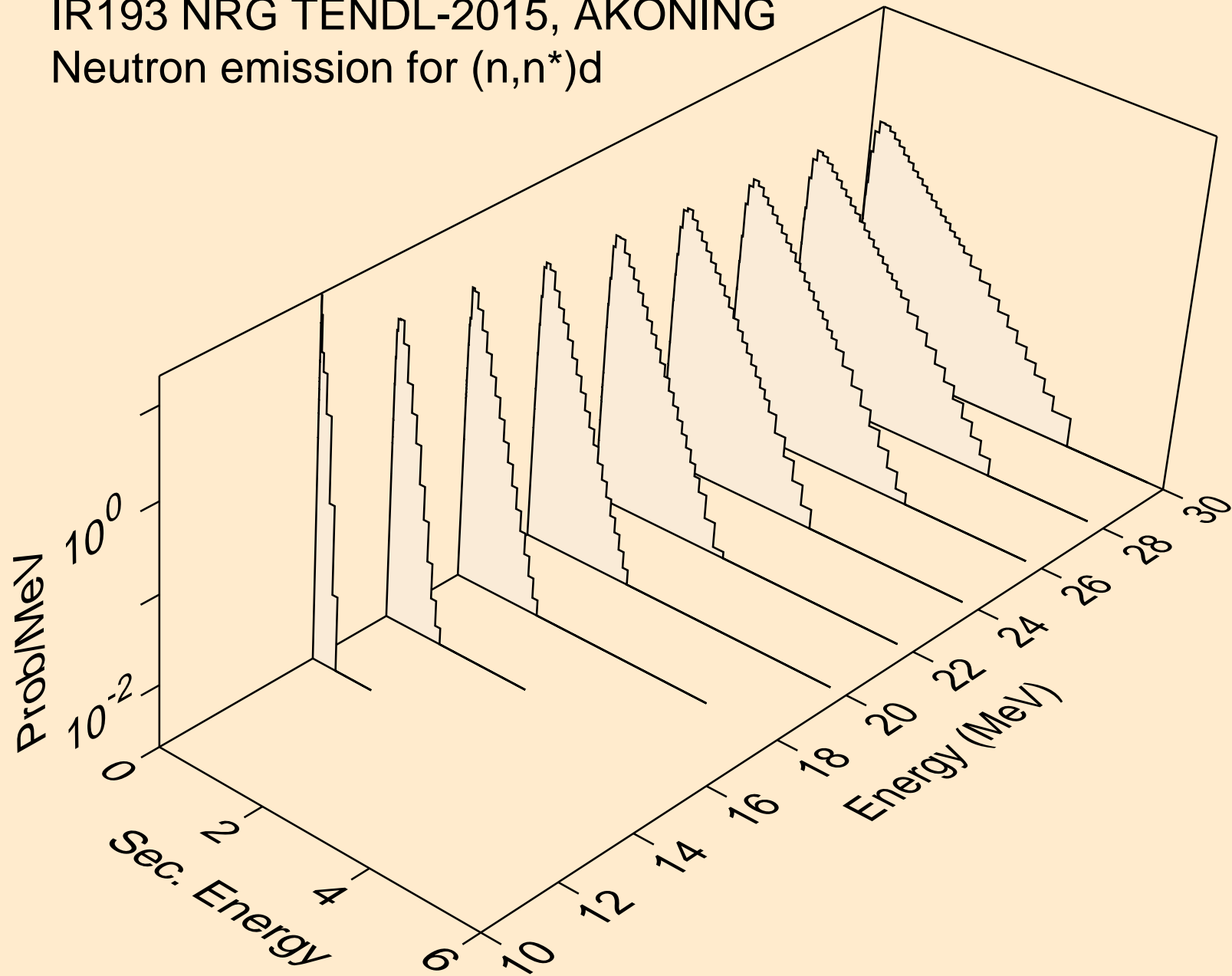
IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

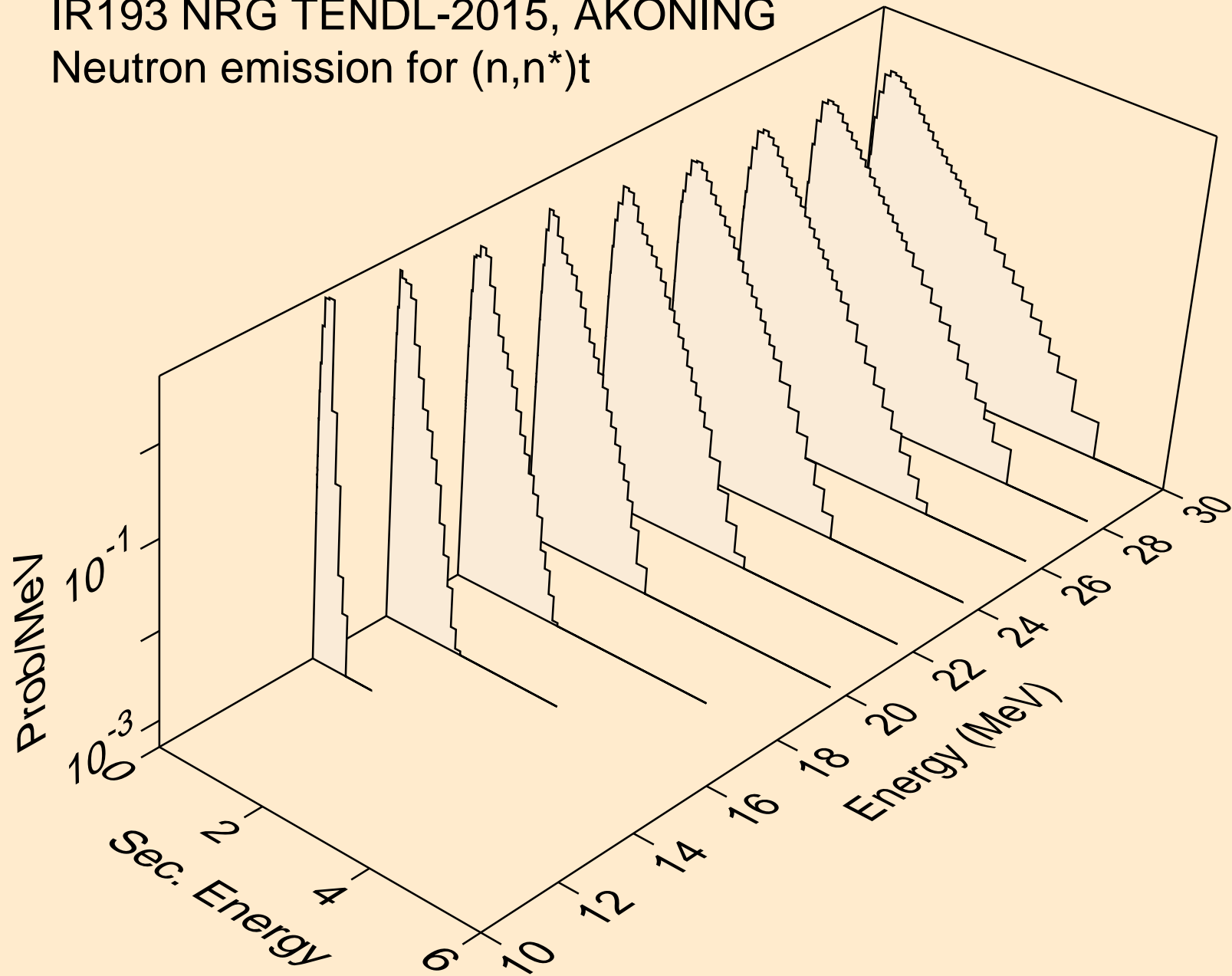


IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

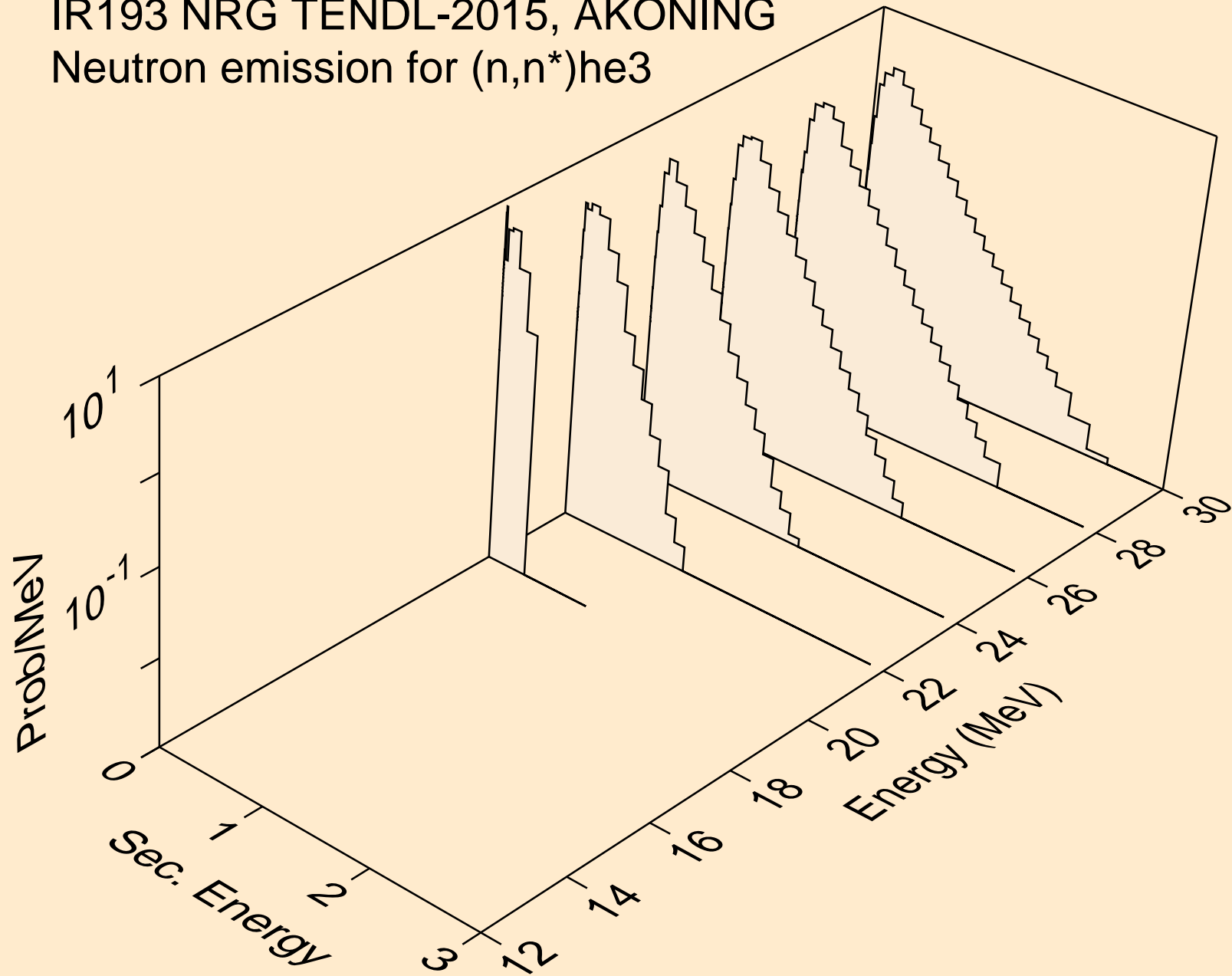




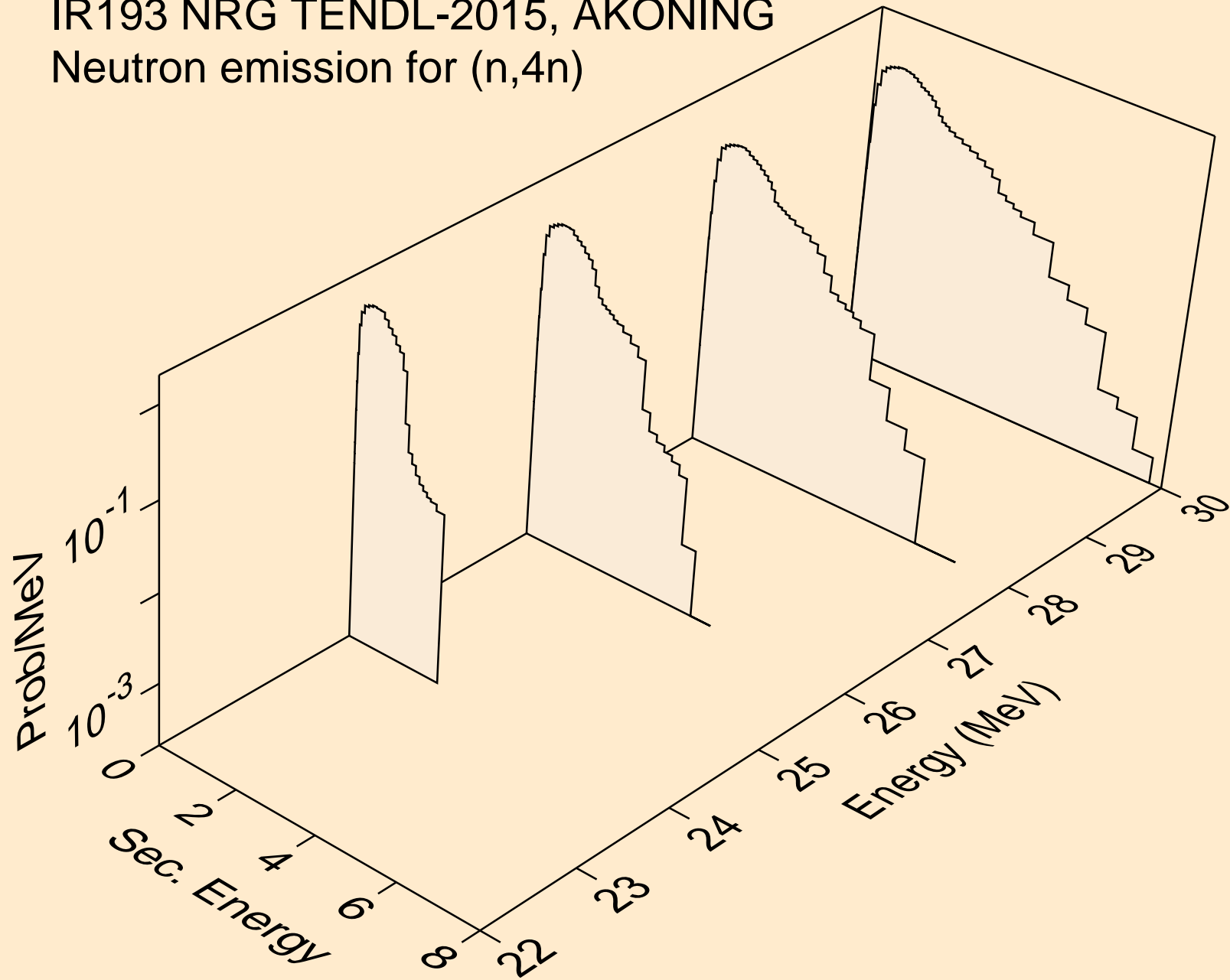
IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



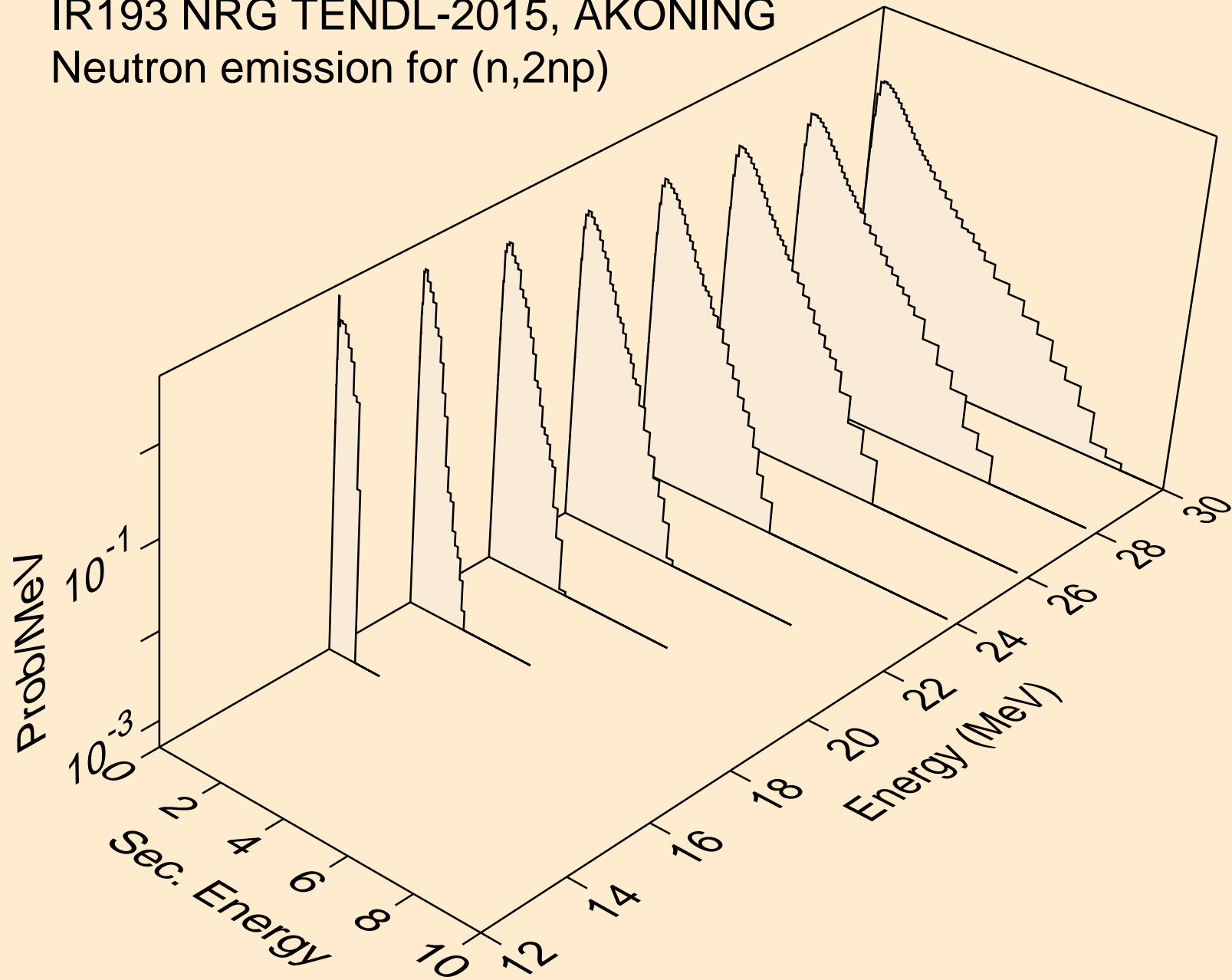
IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



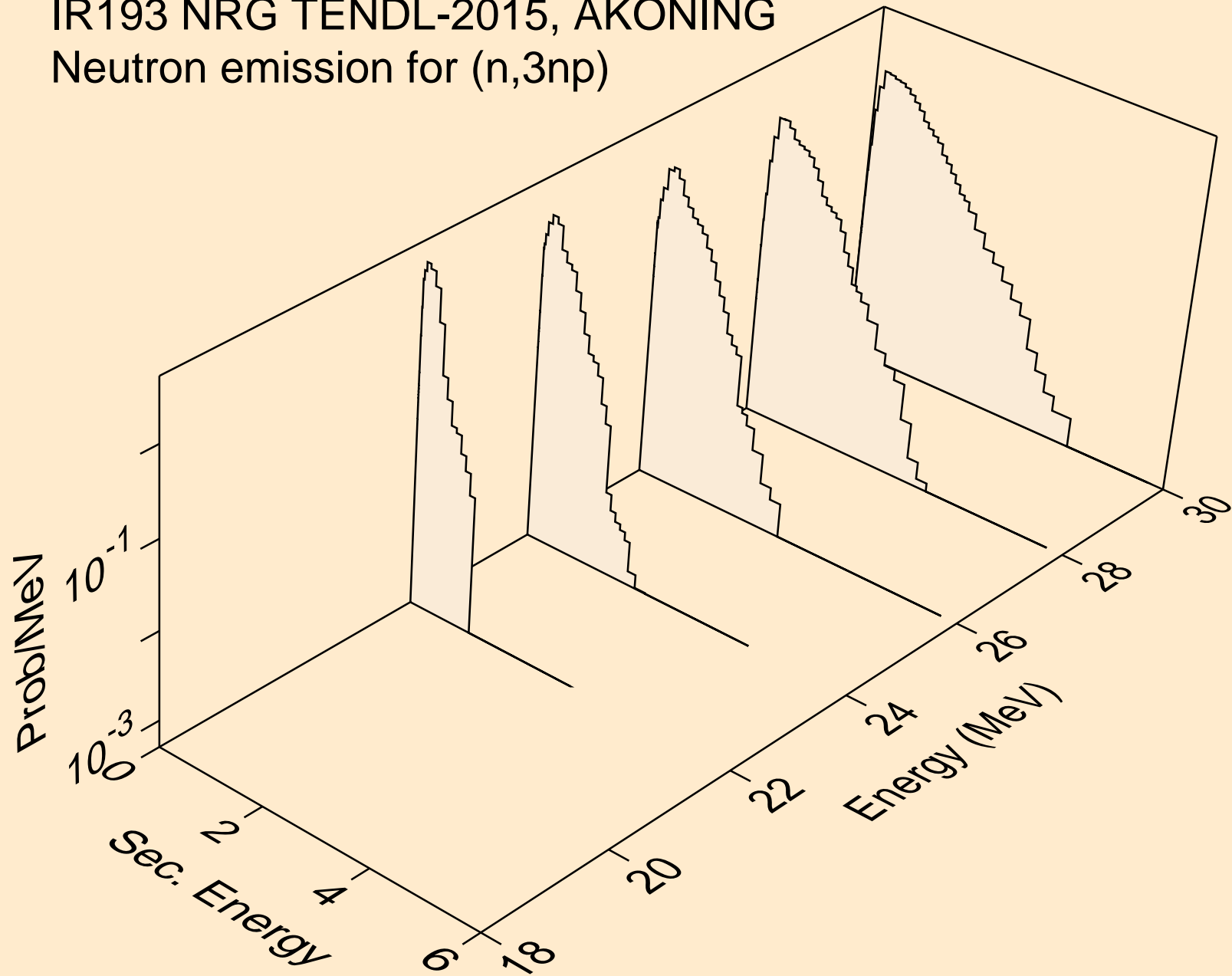
IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



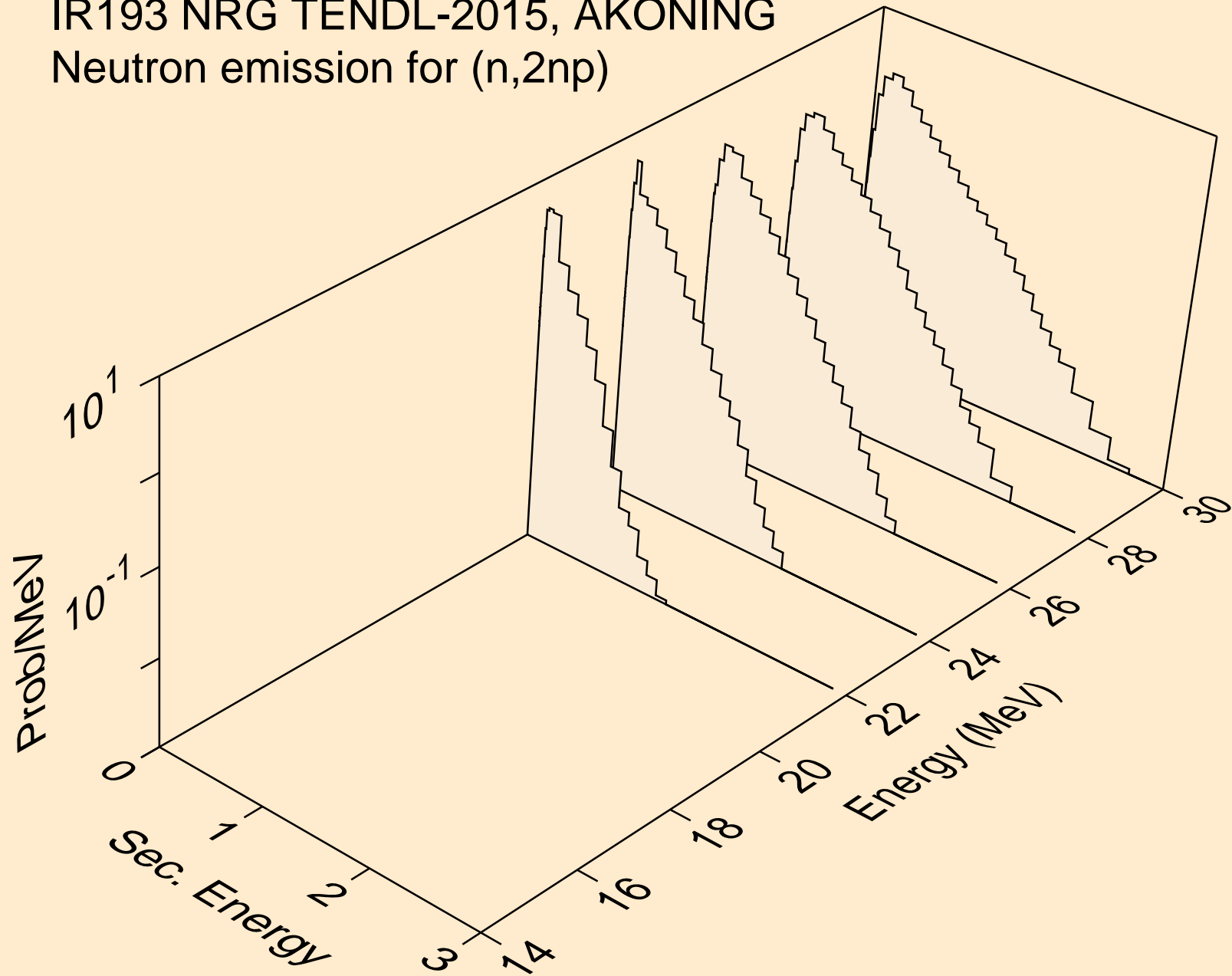
IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



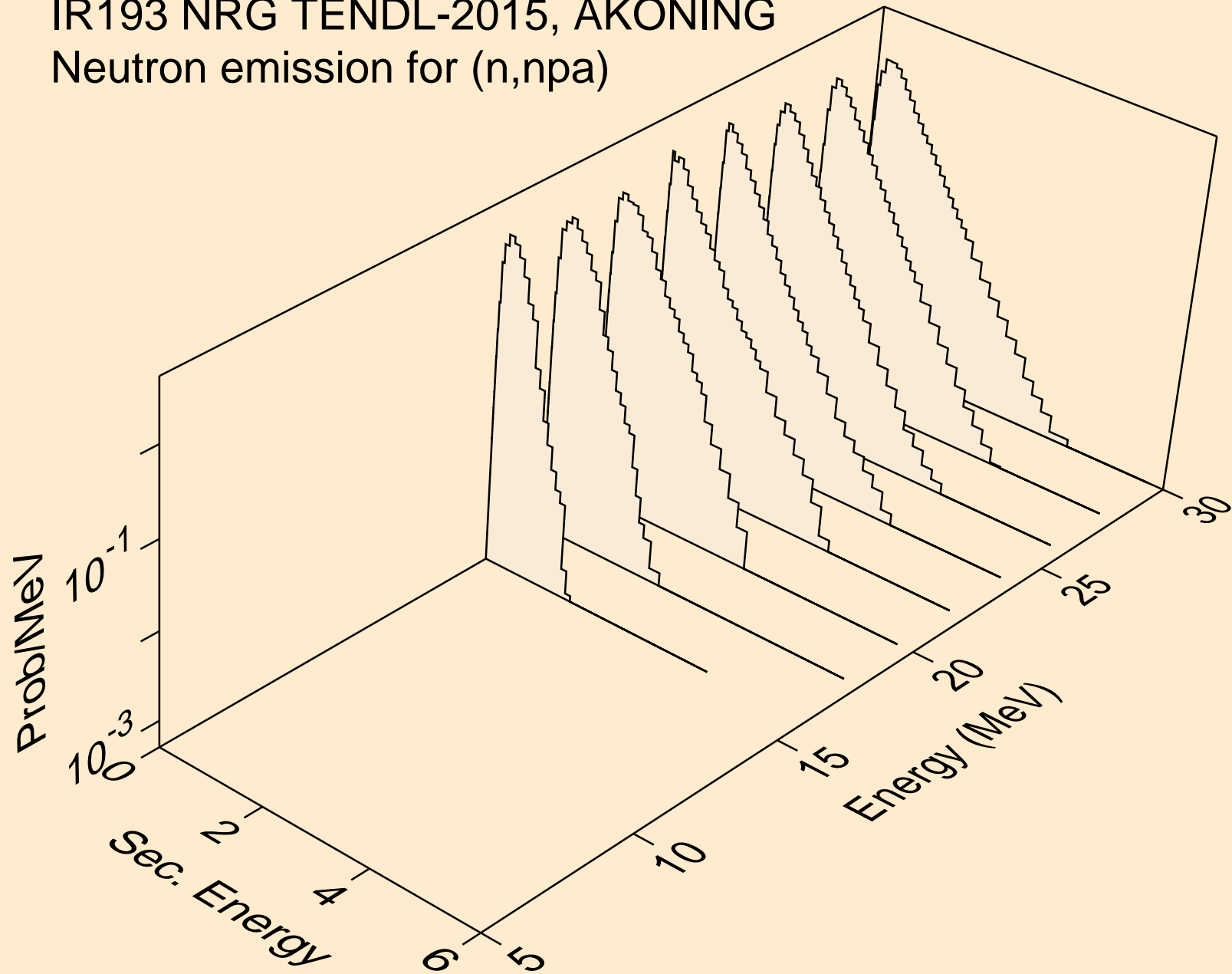
IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



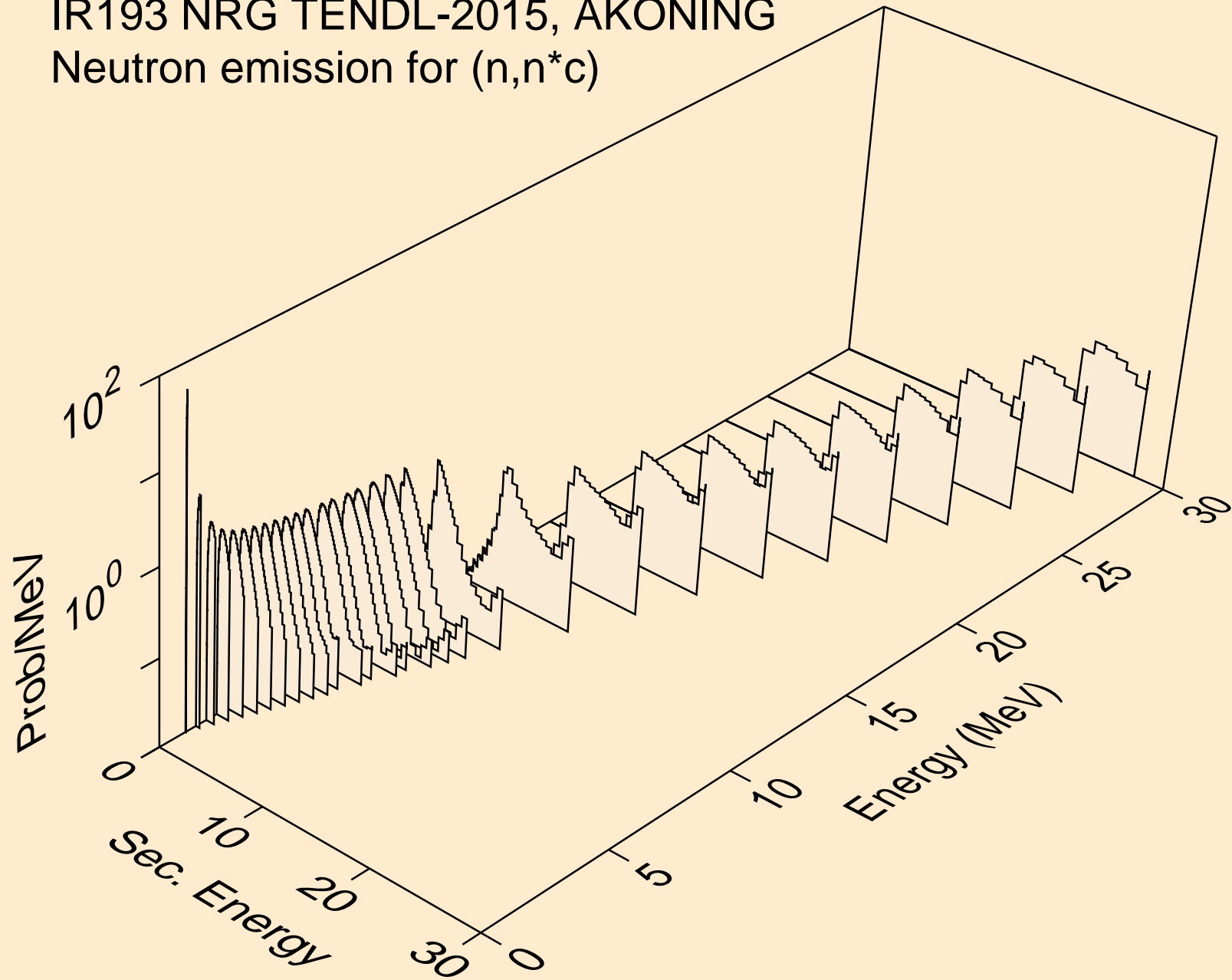
IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

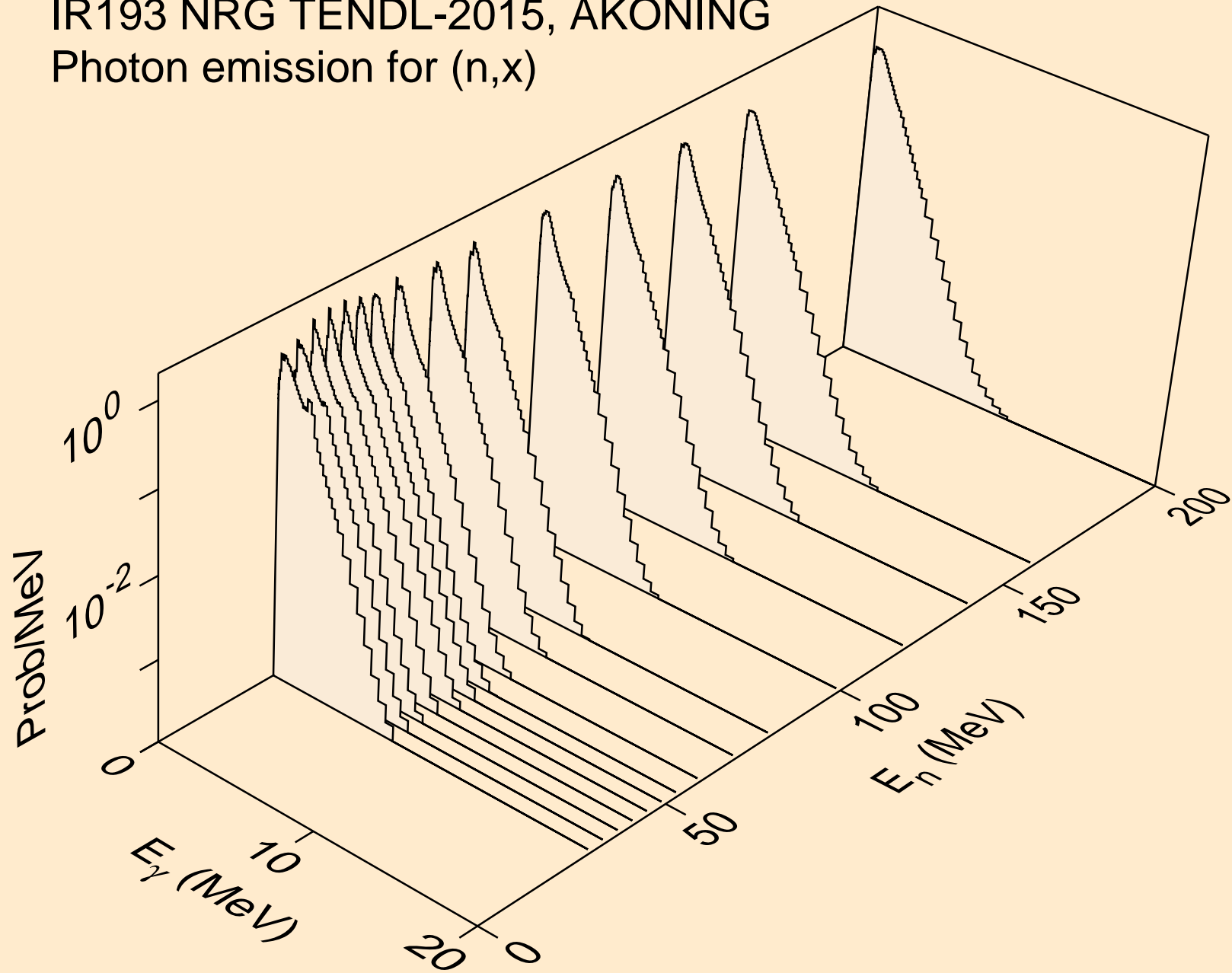


IR193 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

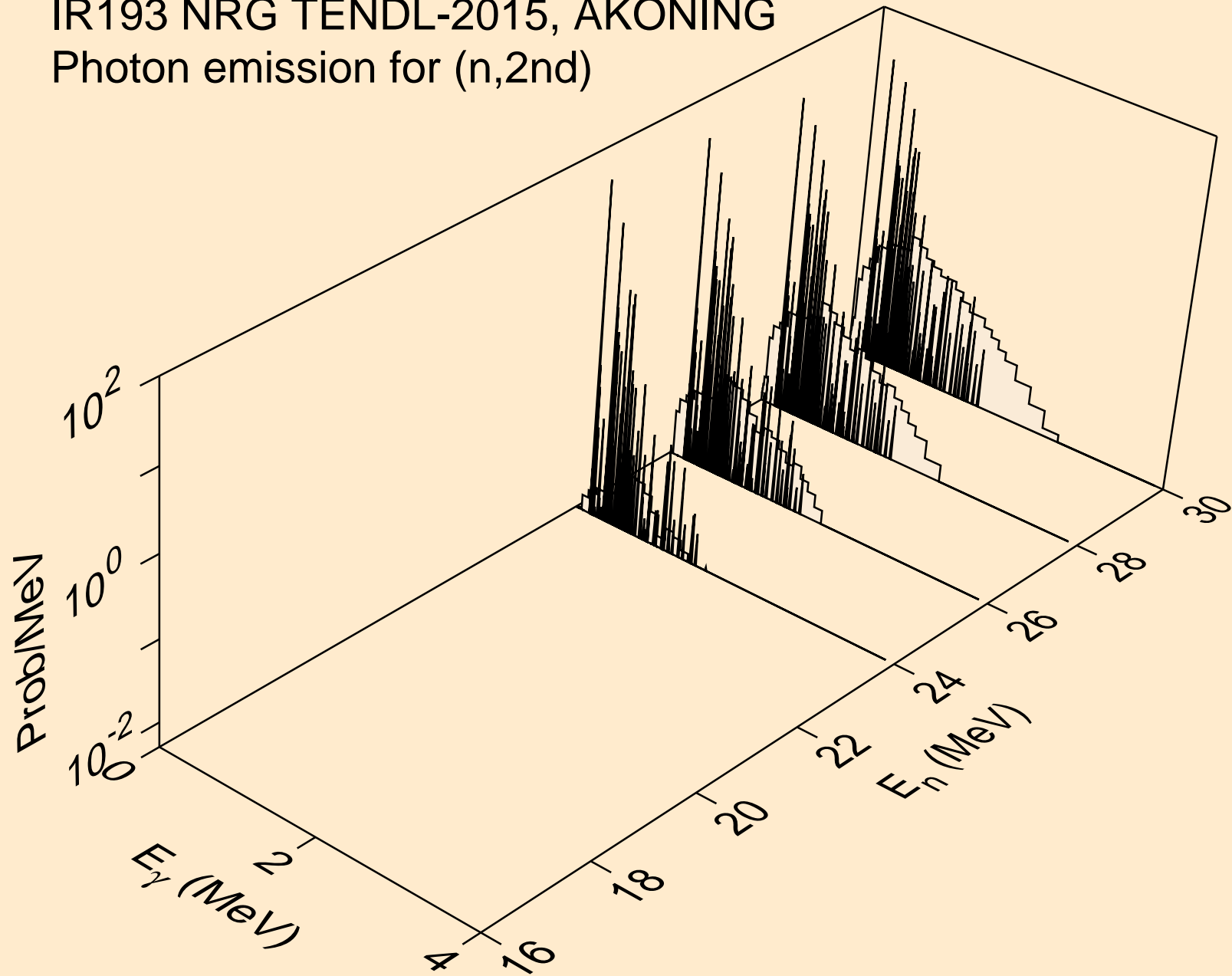




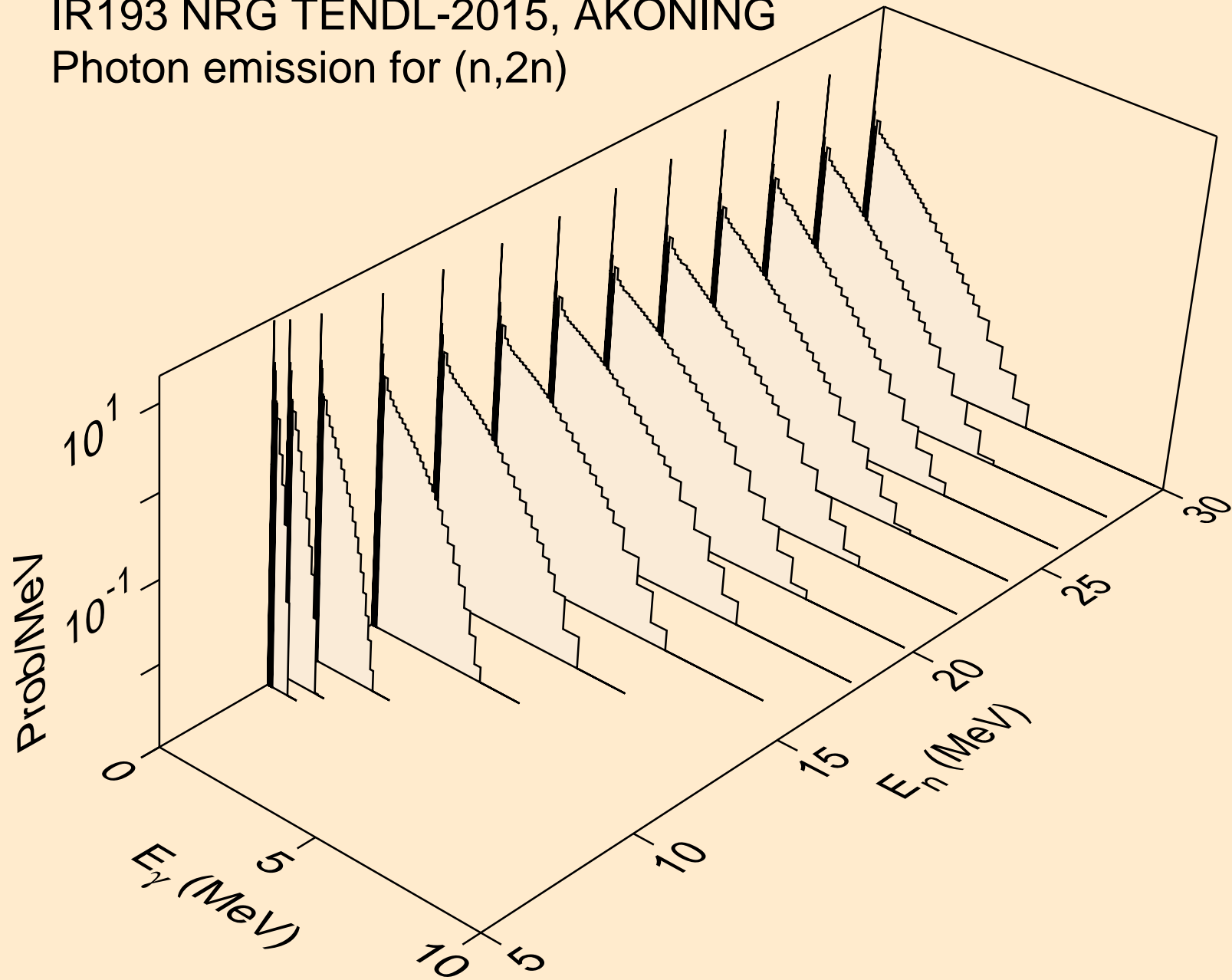
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



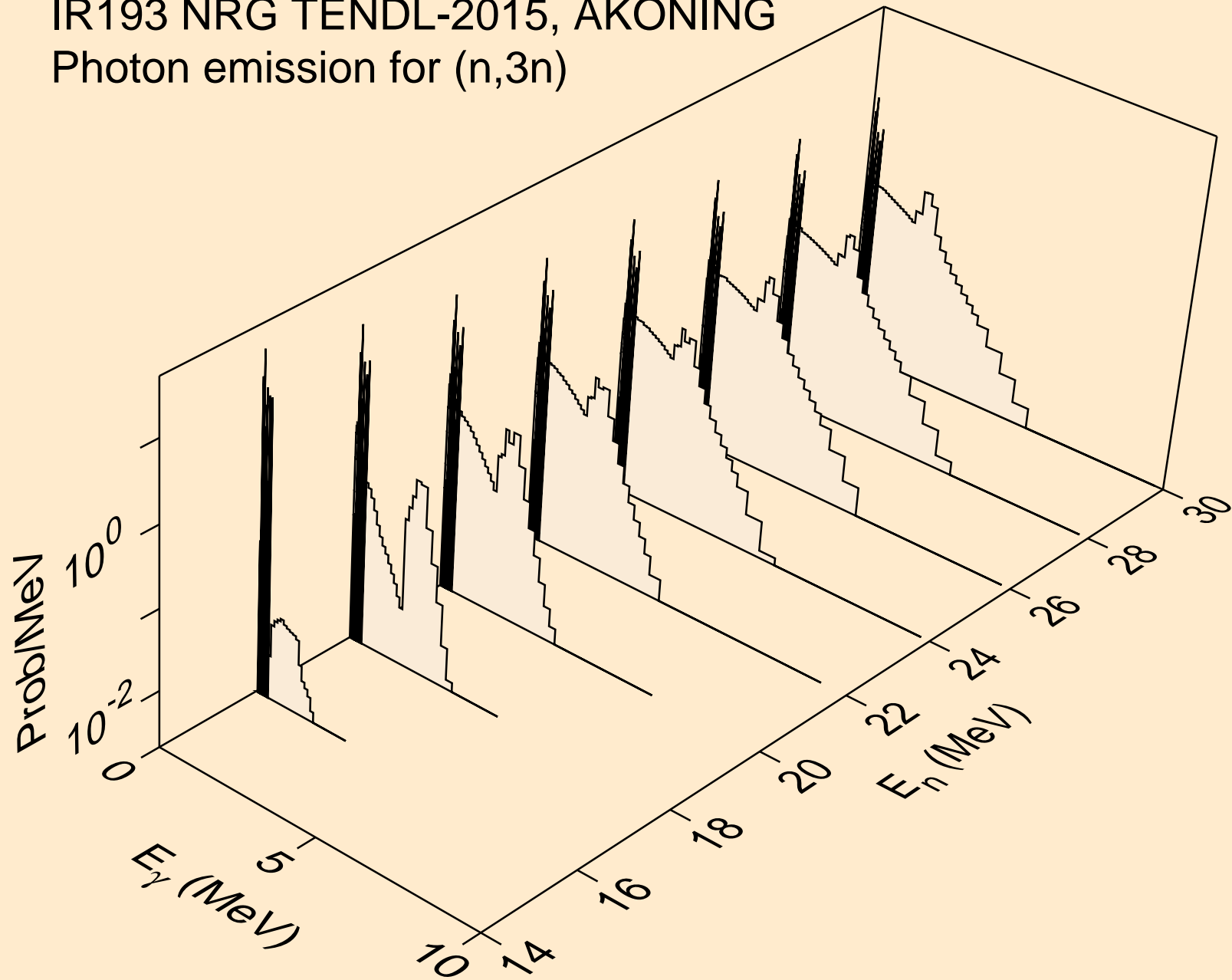
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



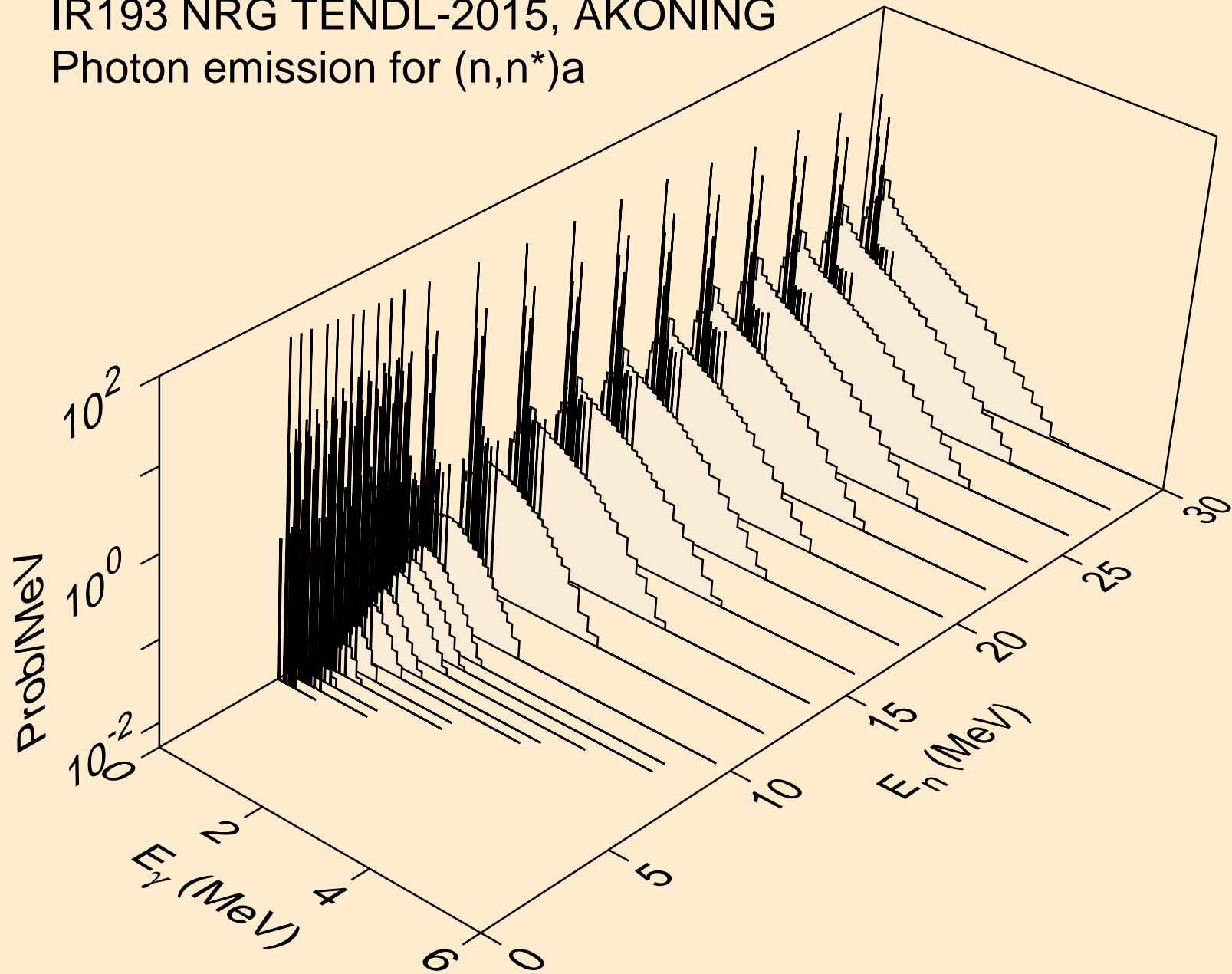
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



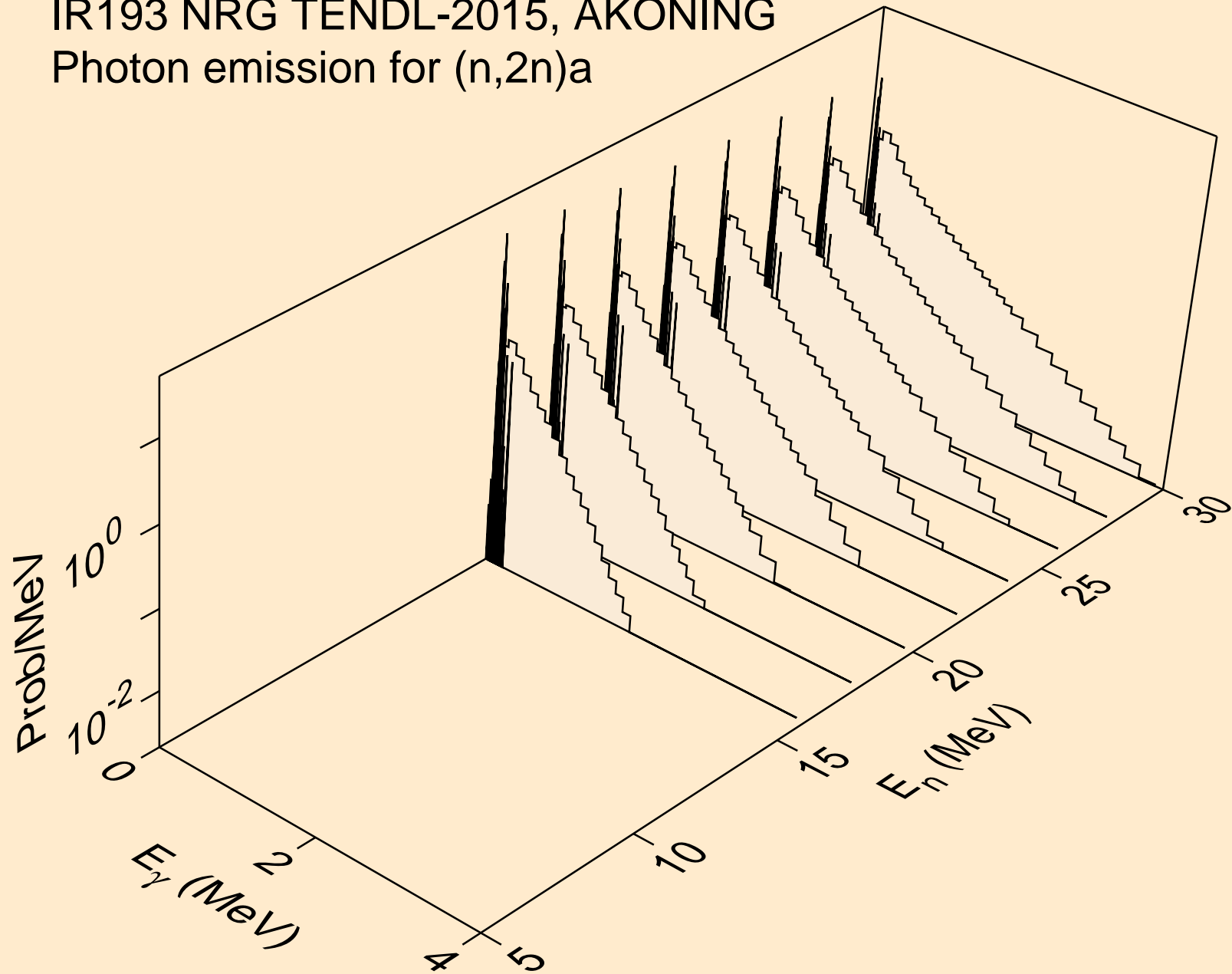
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



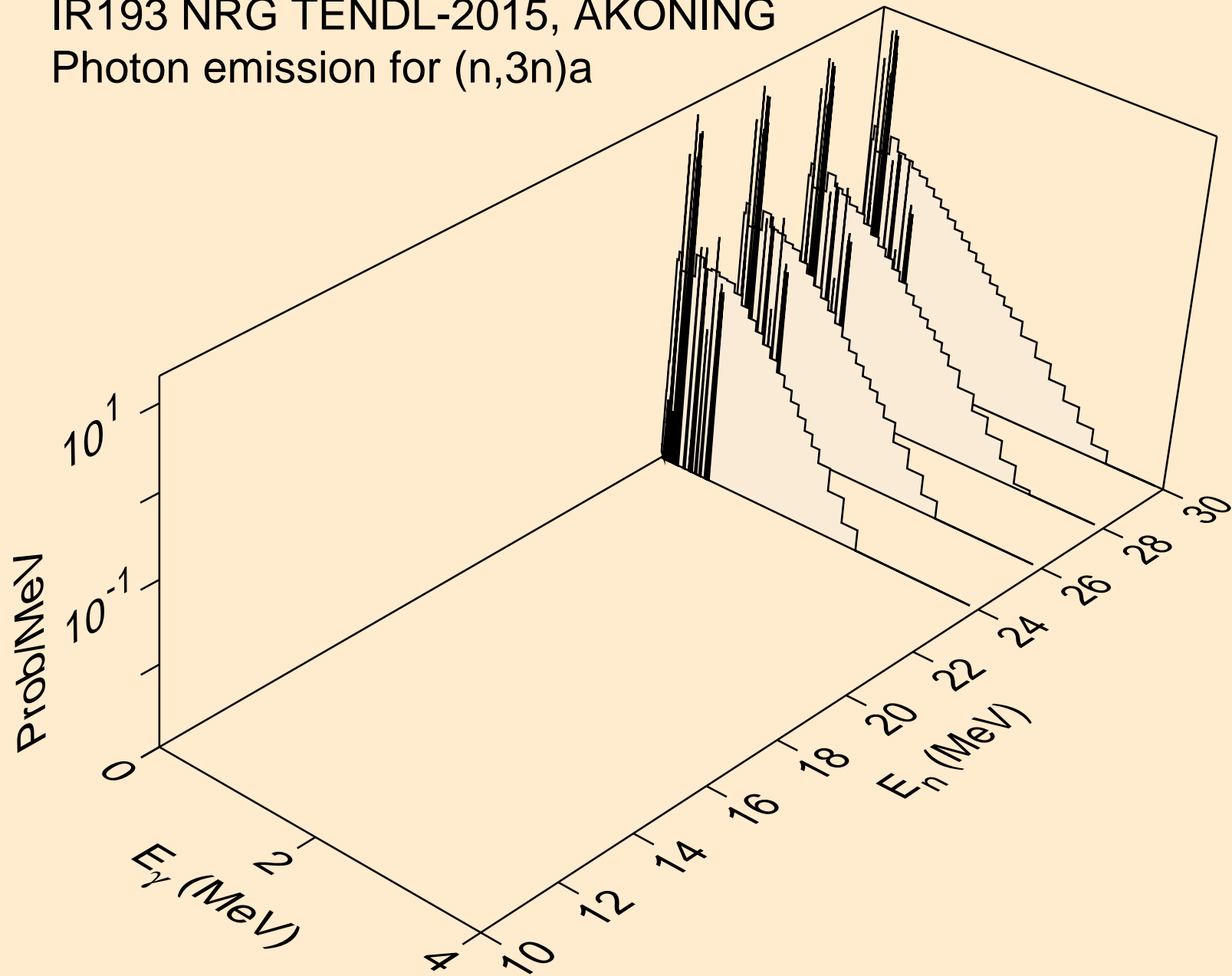
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



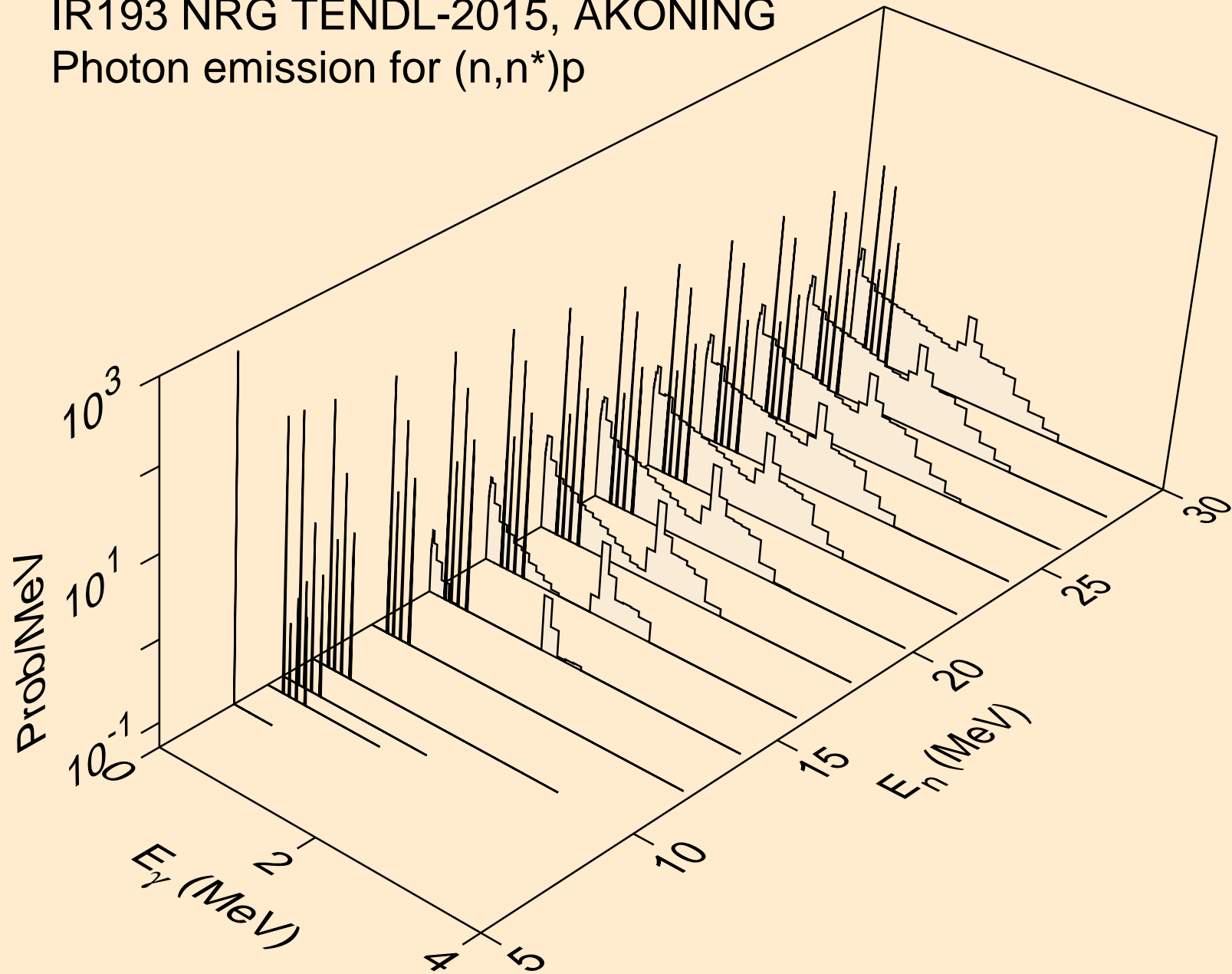
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

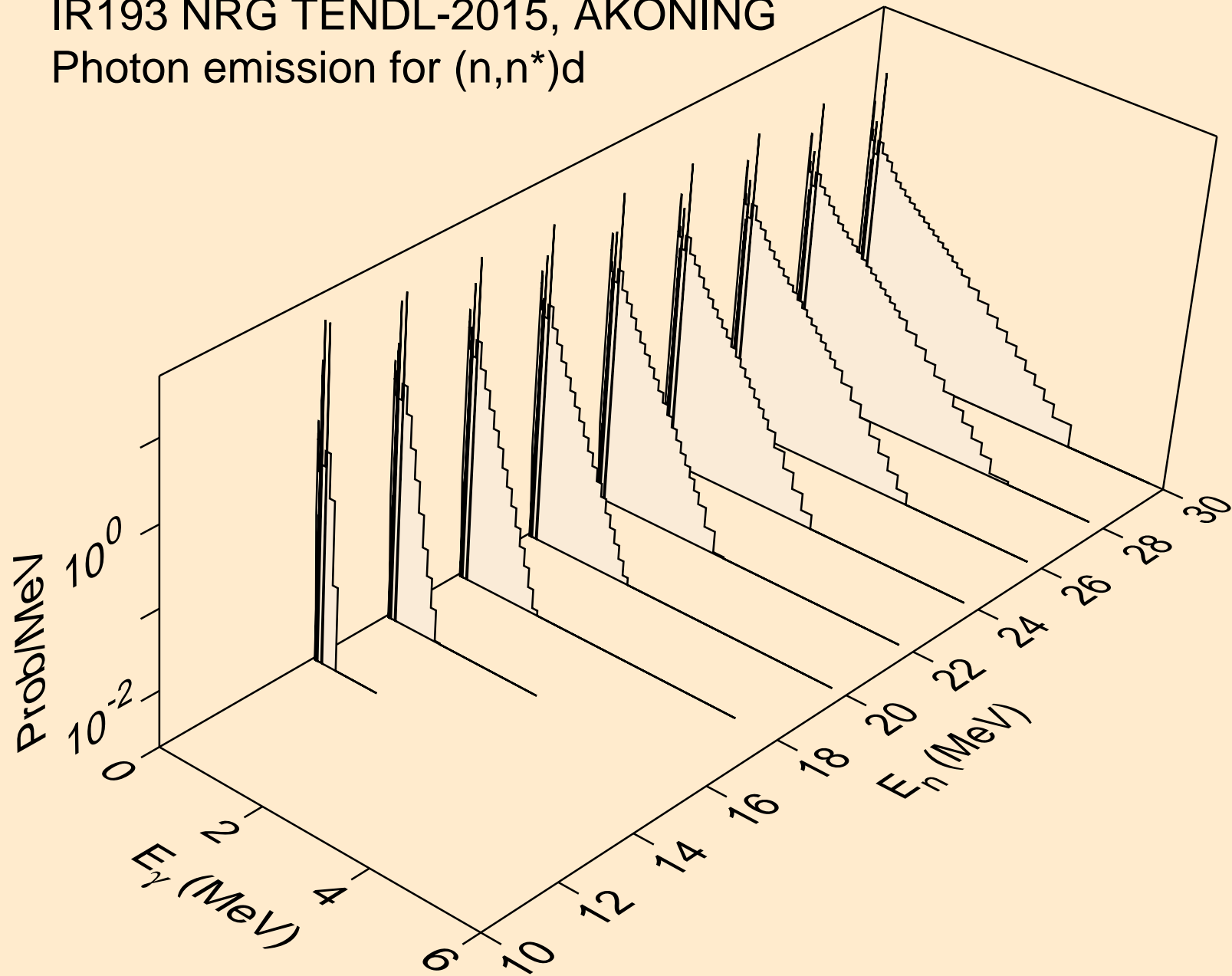


IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

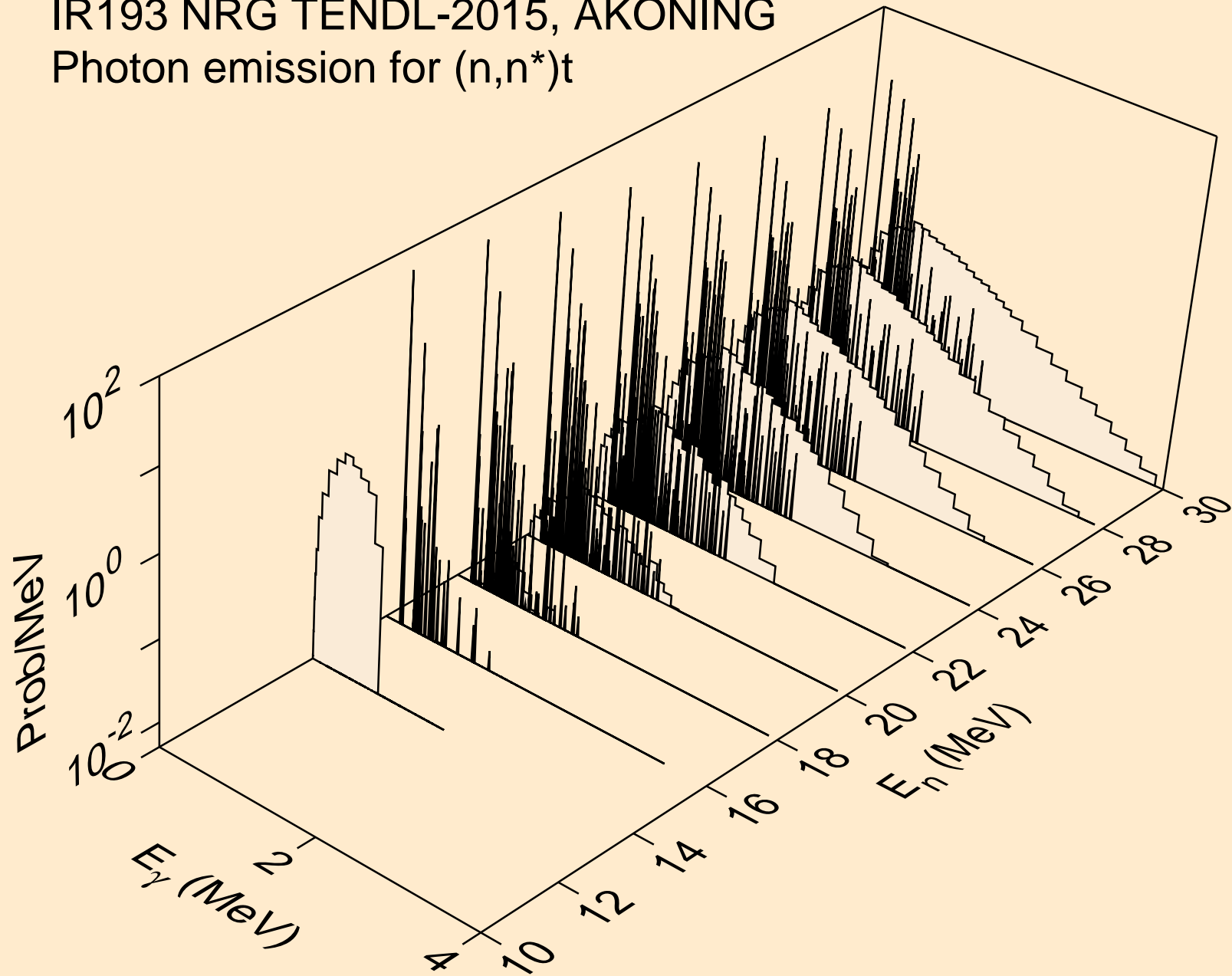




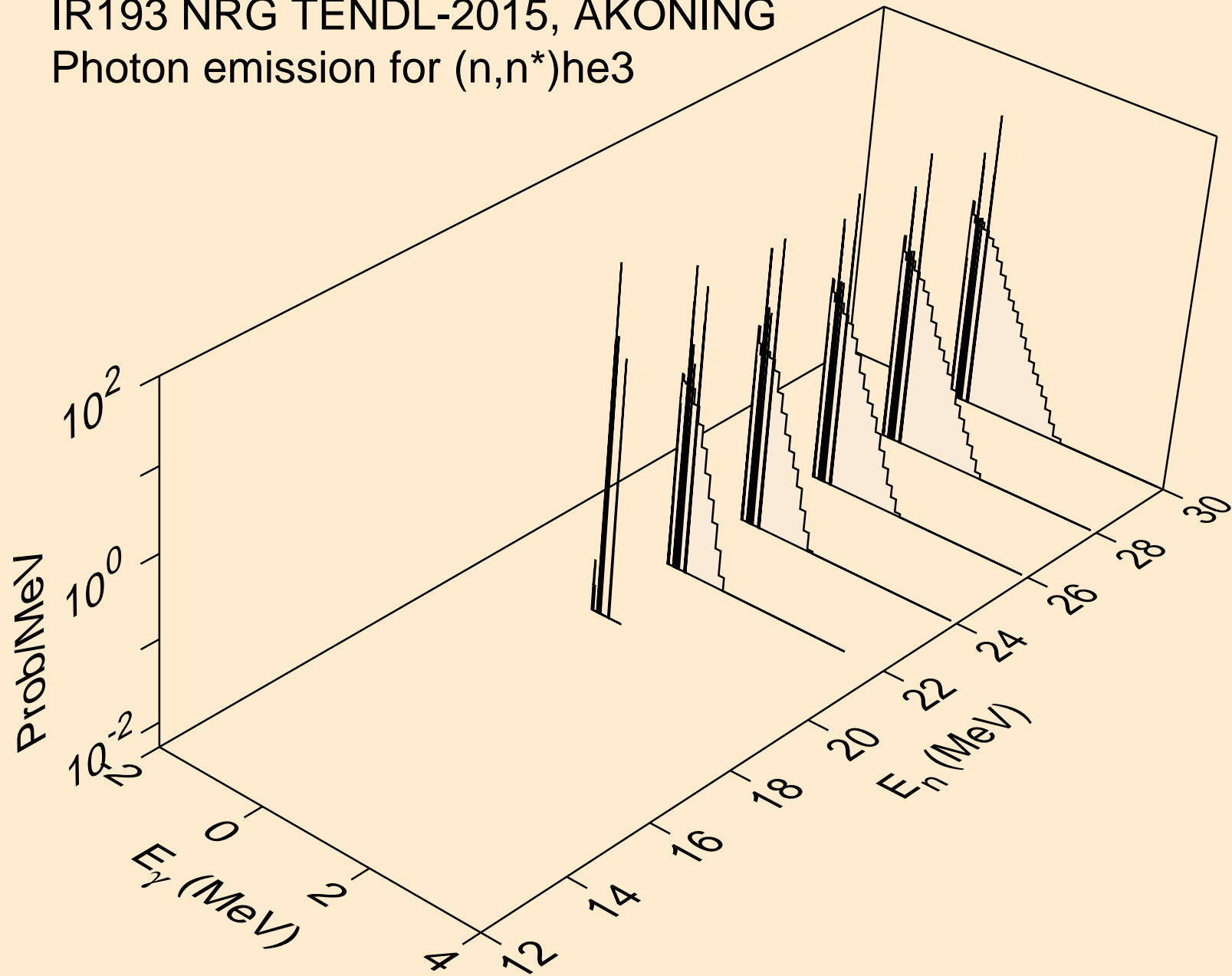
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



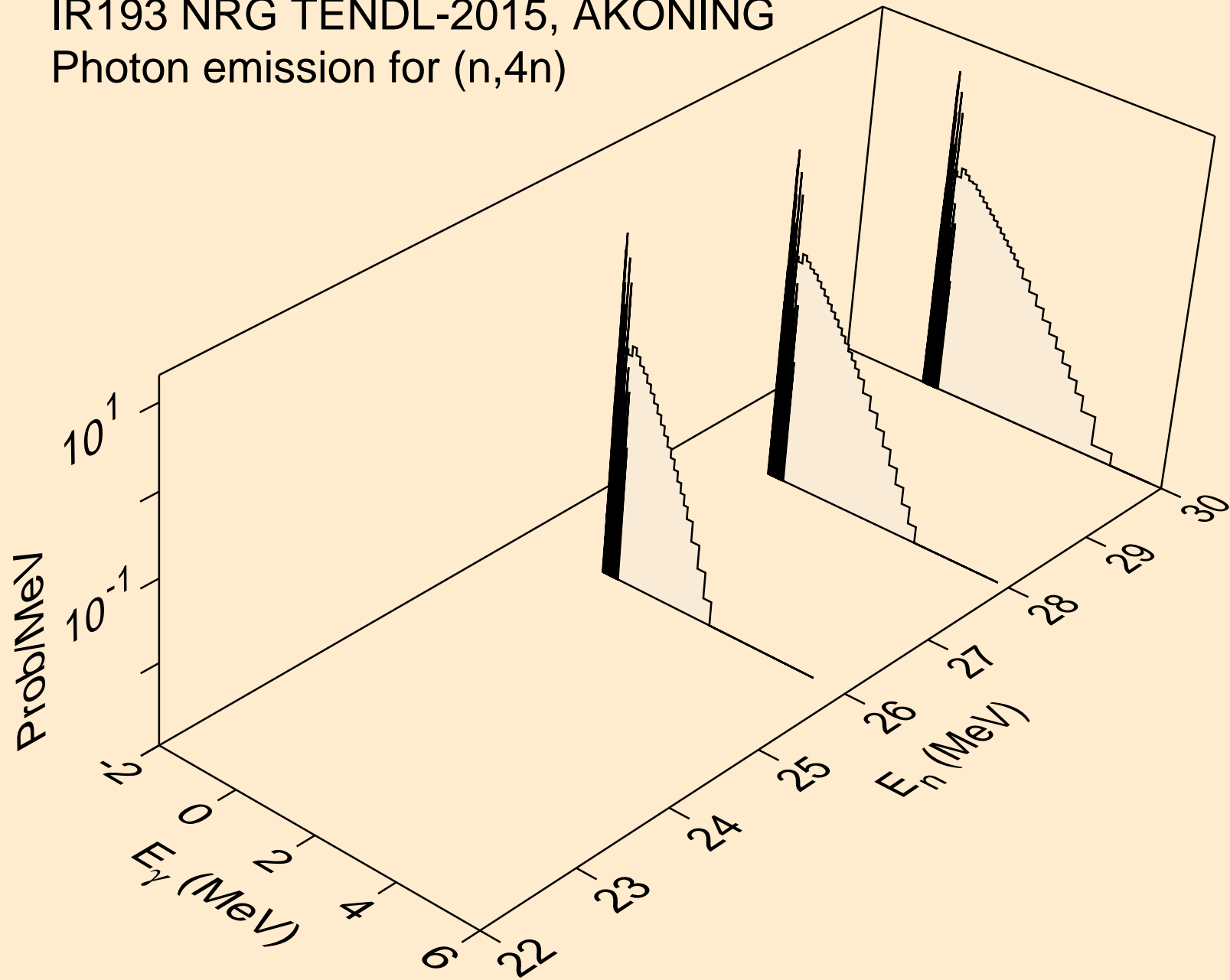
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



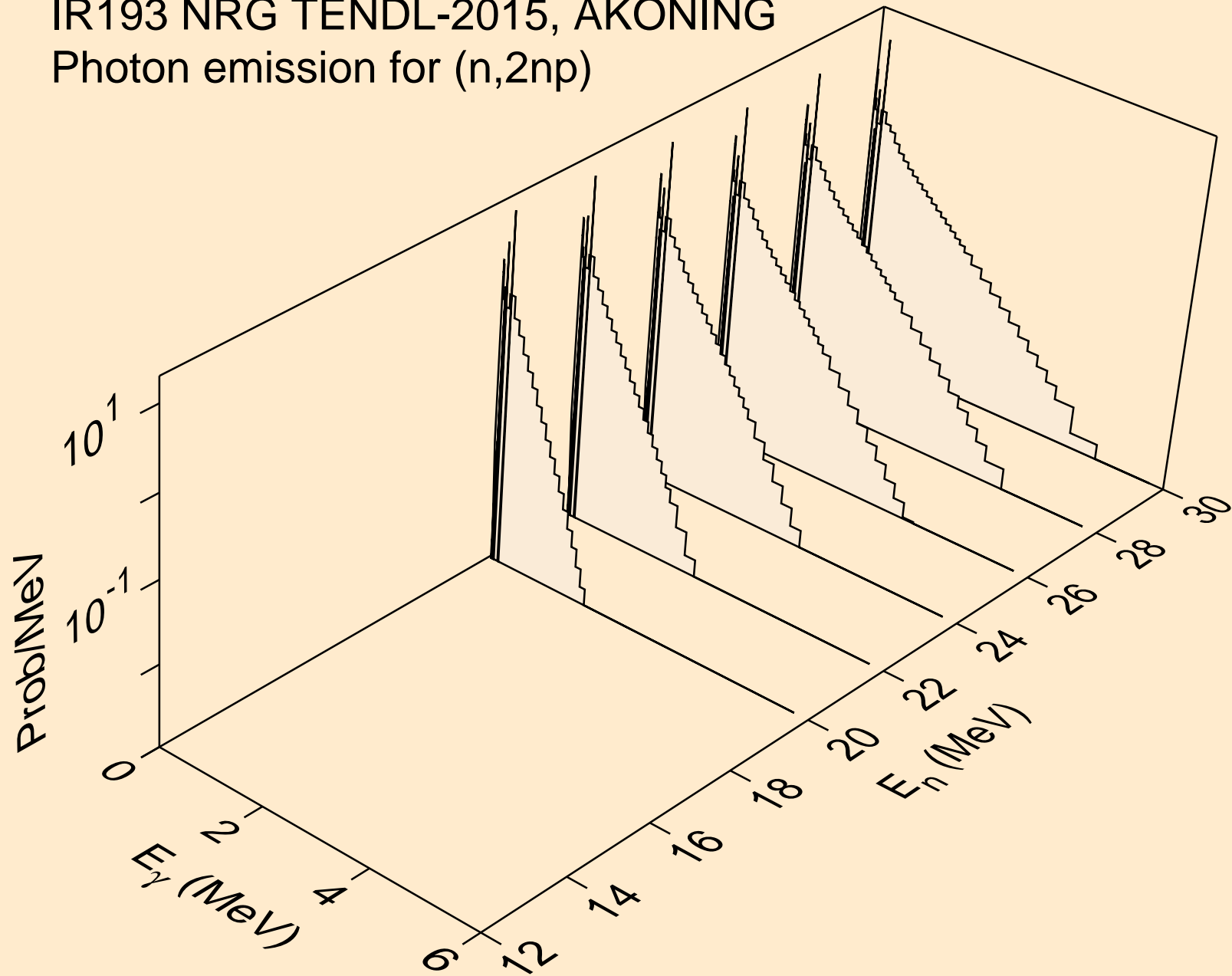
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



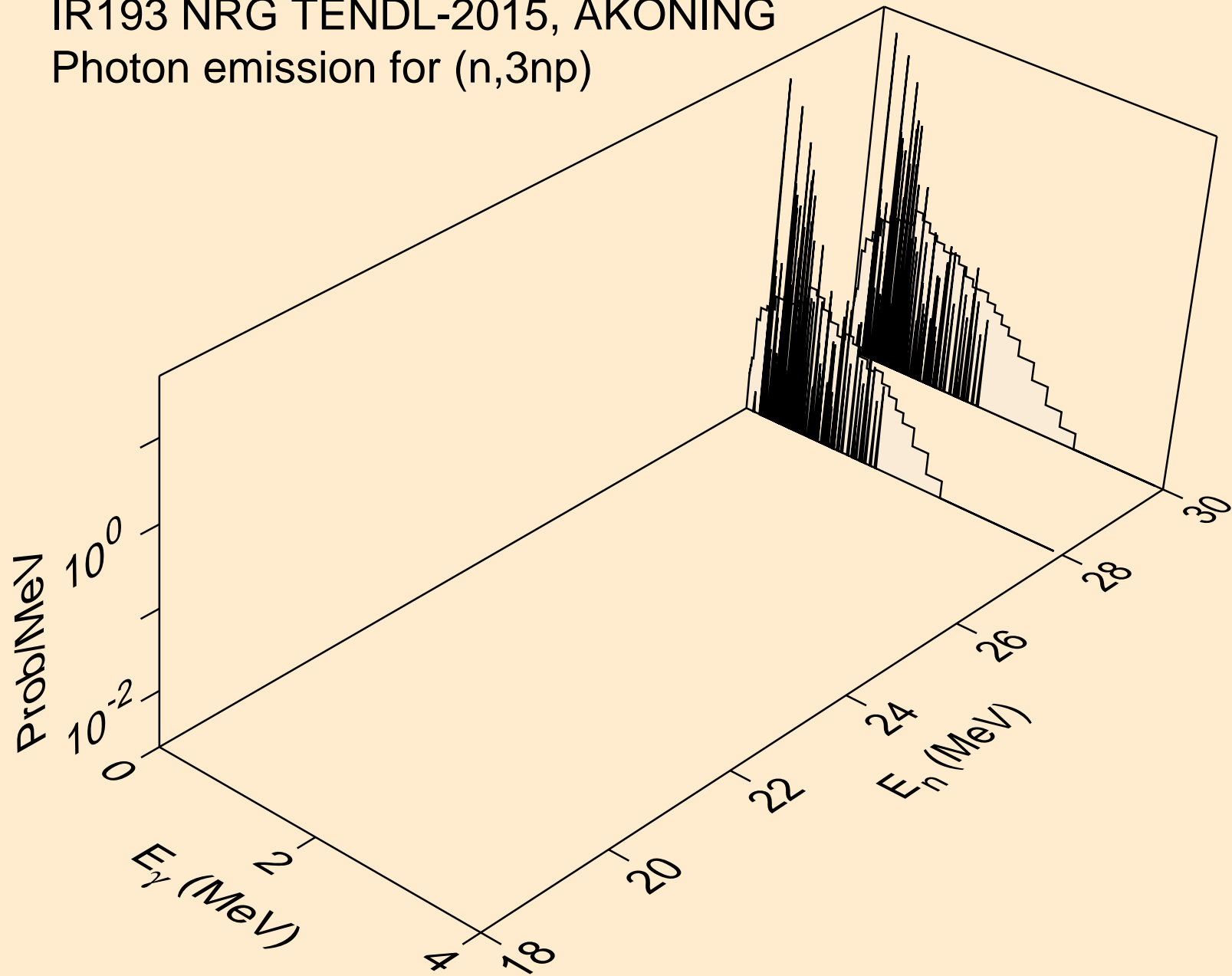
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



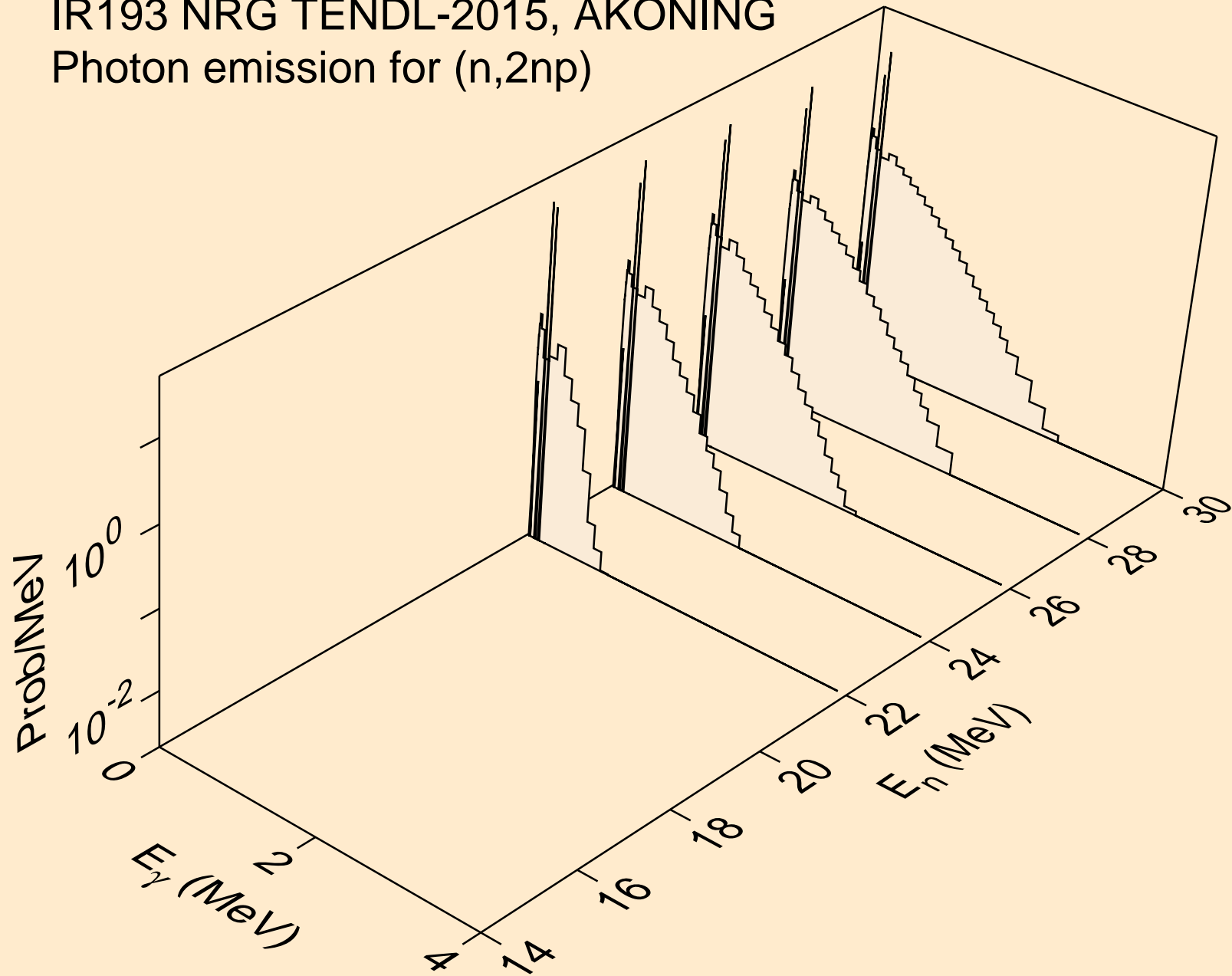
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



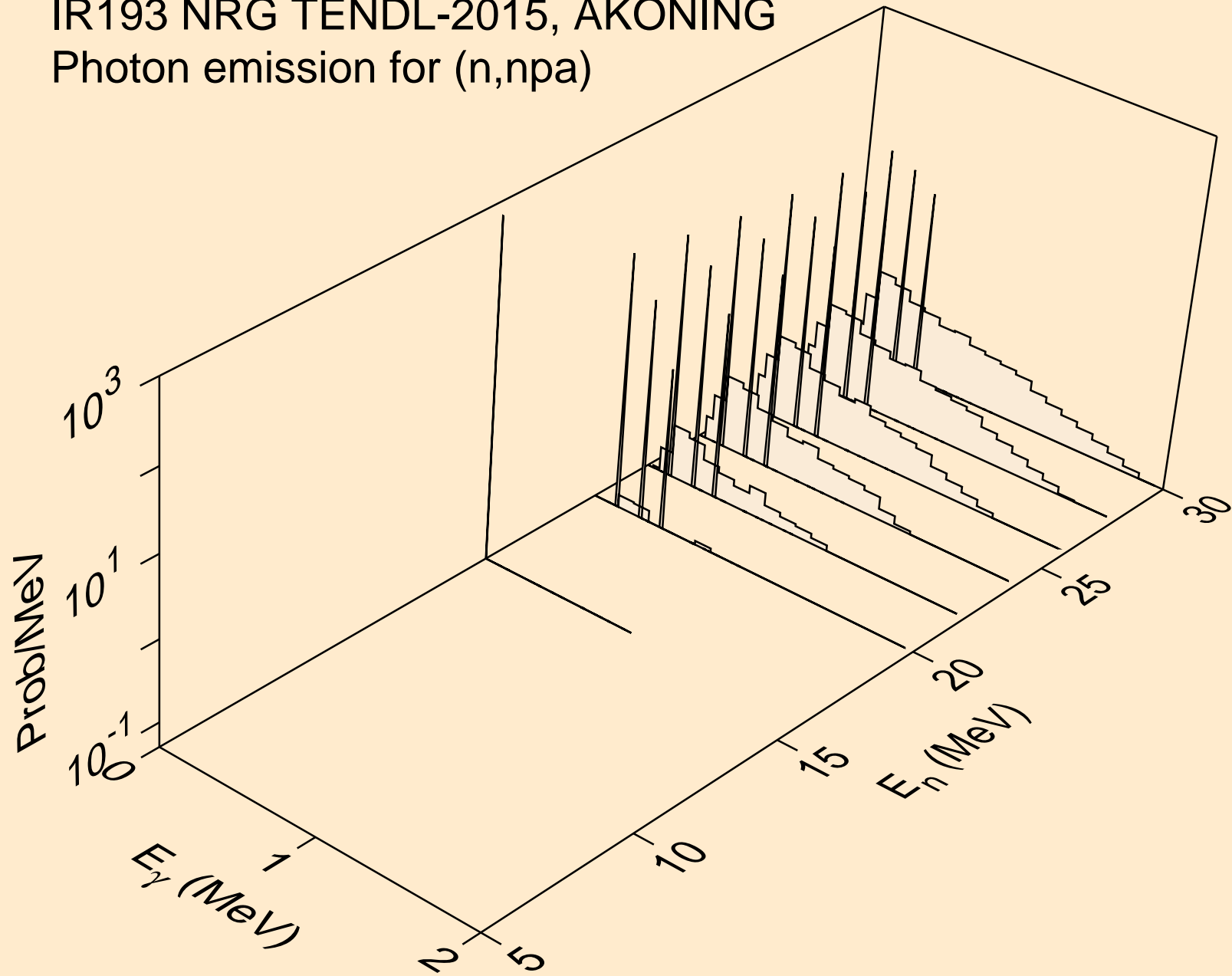
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

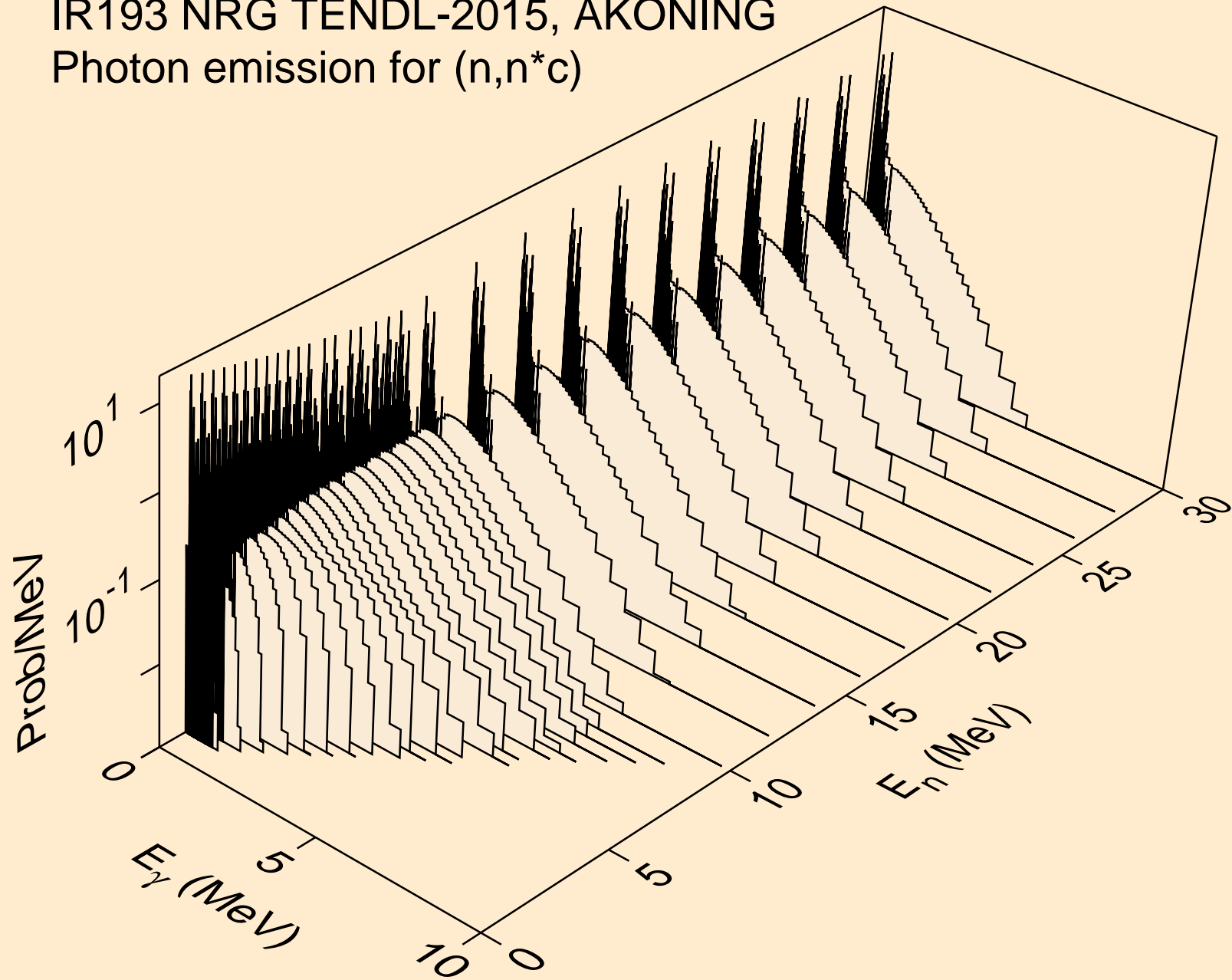


IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

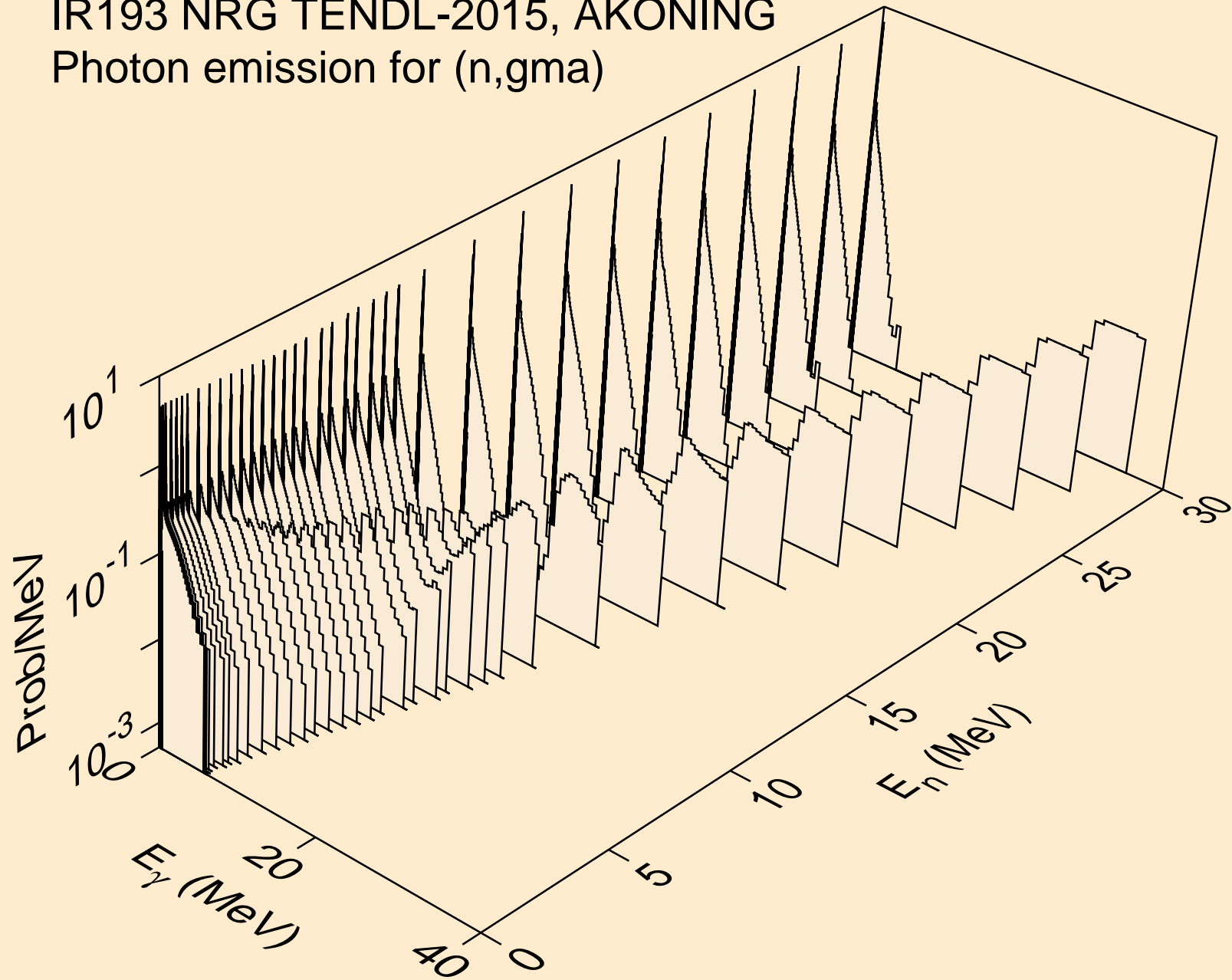




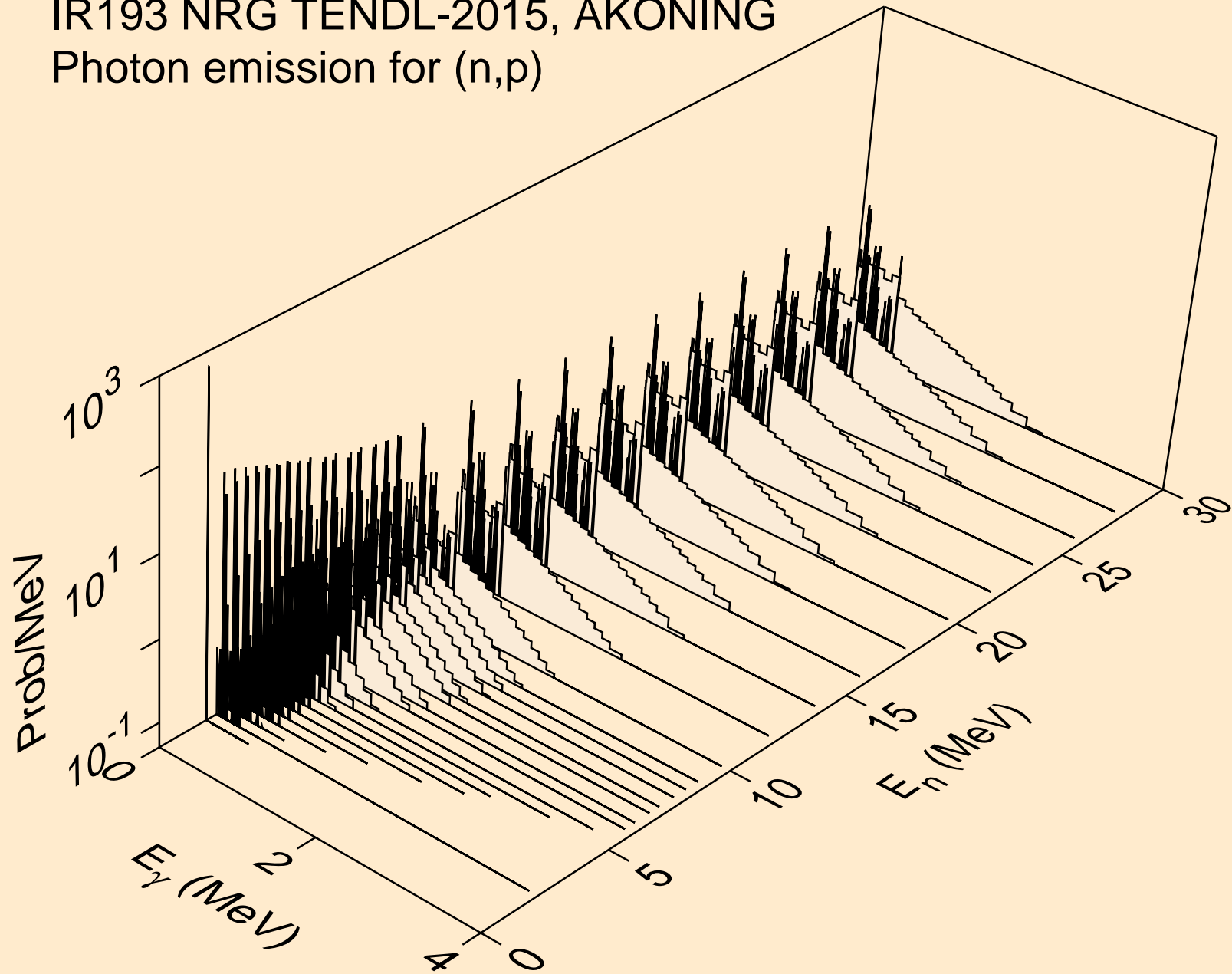
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



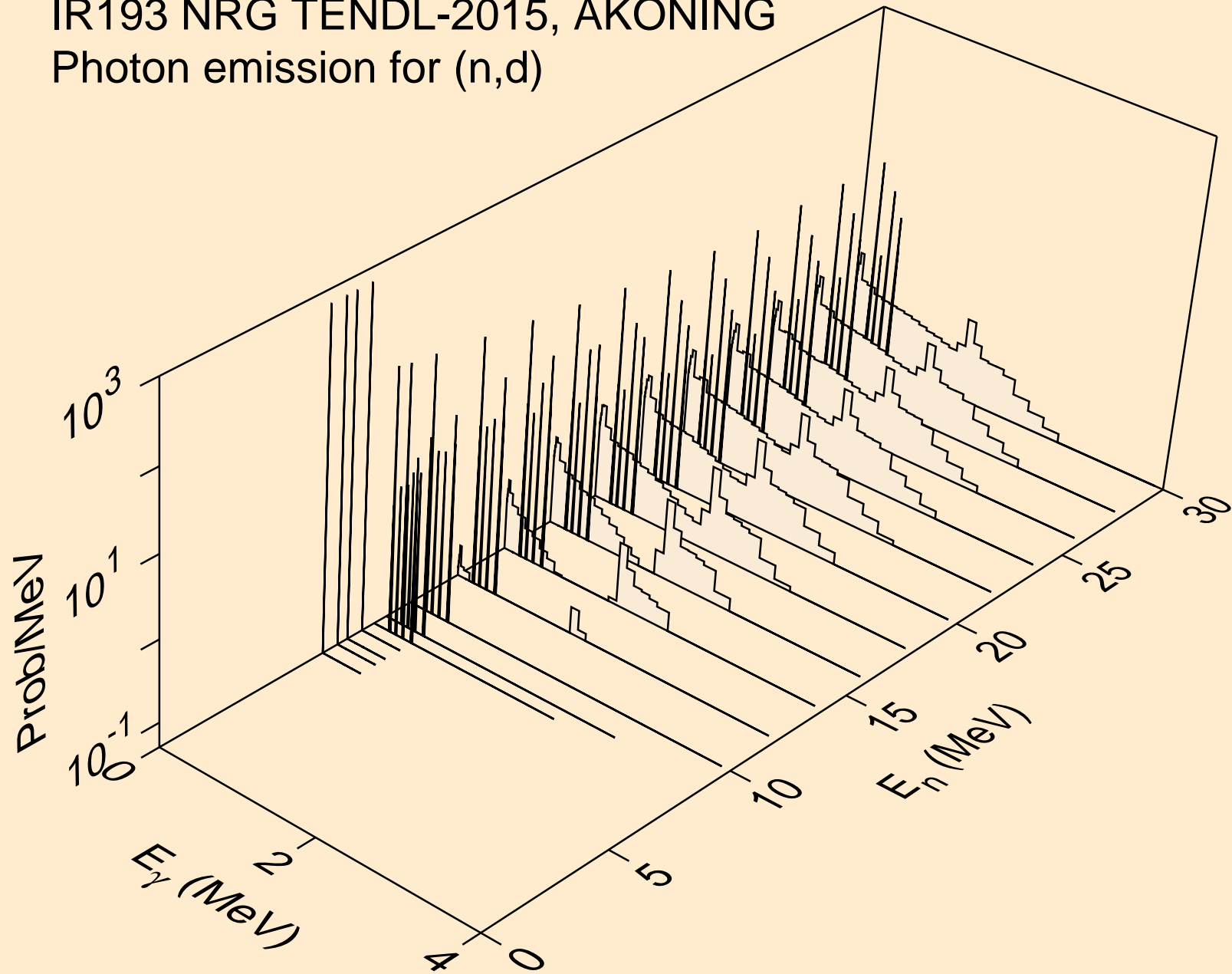
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



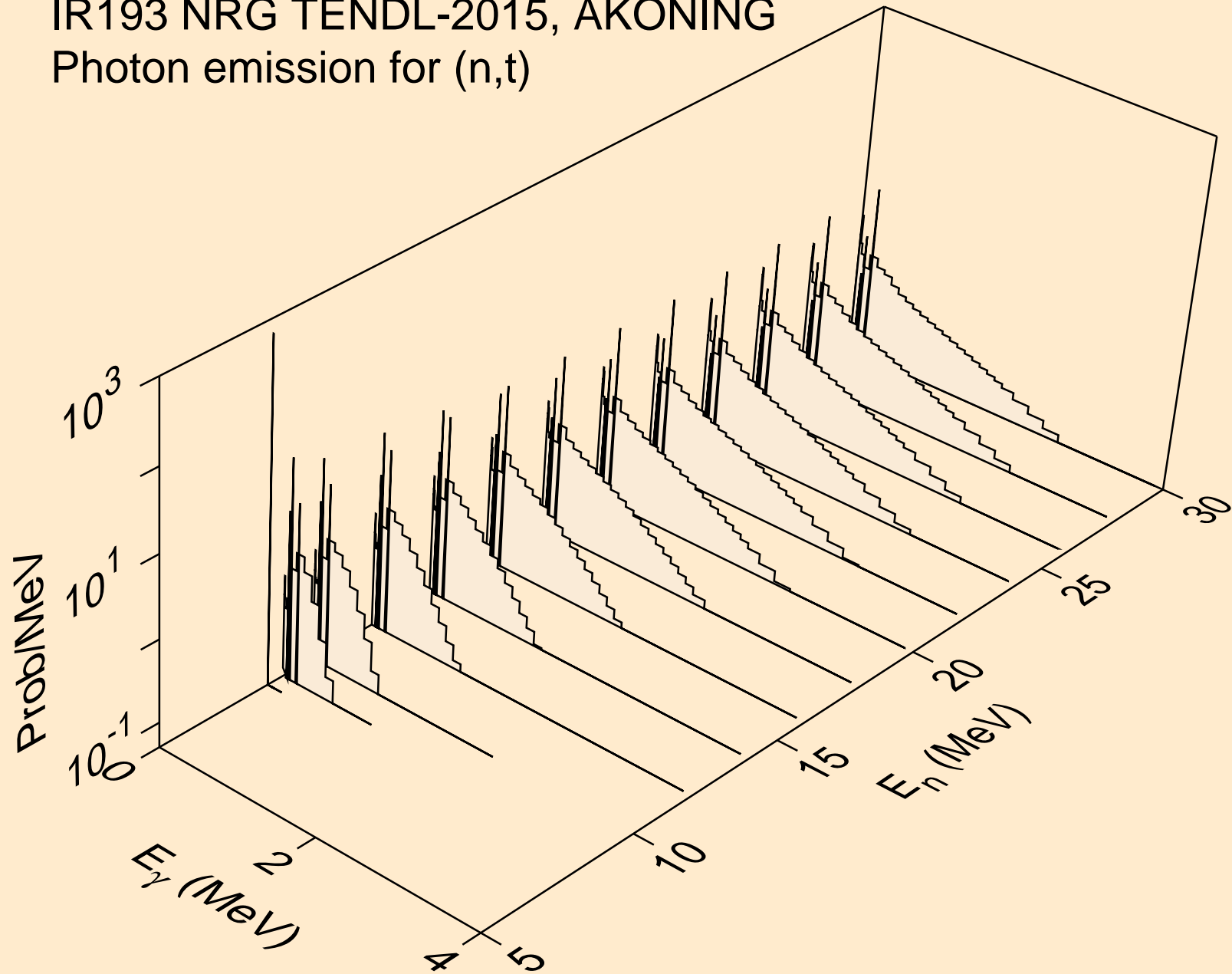
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



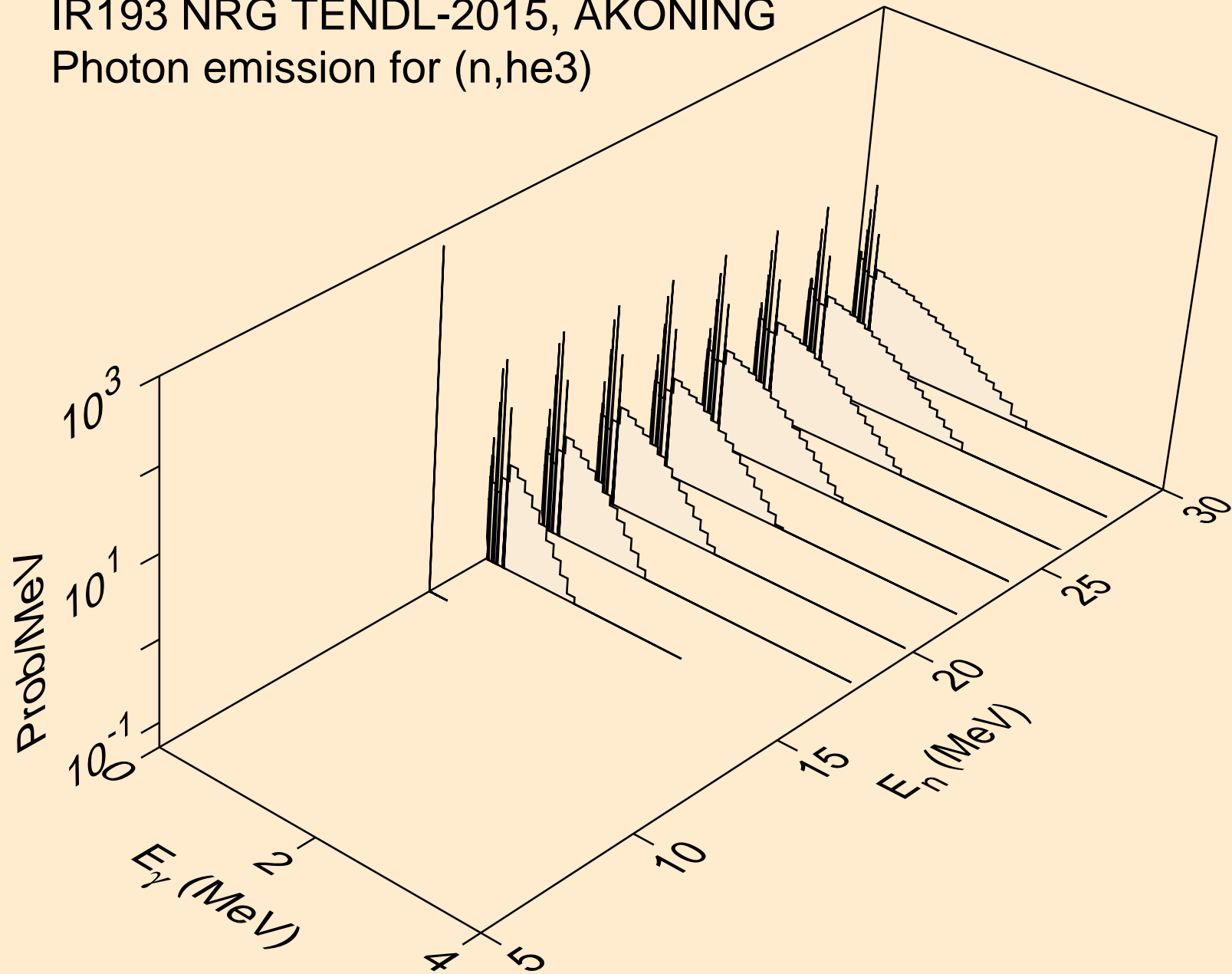
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



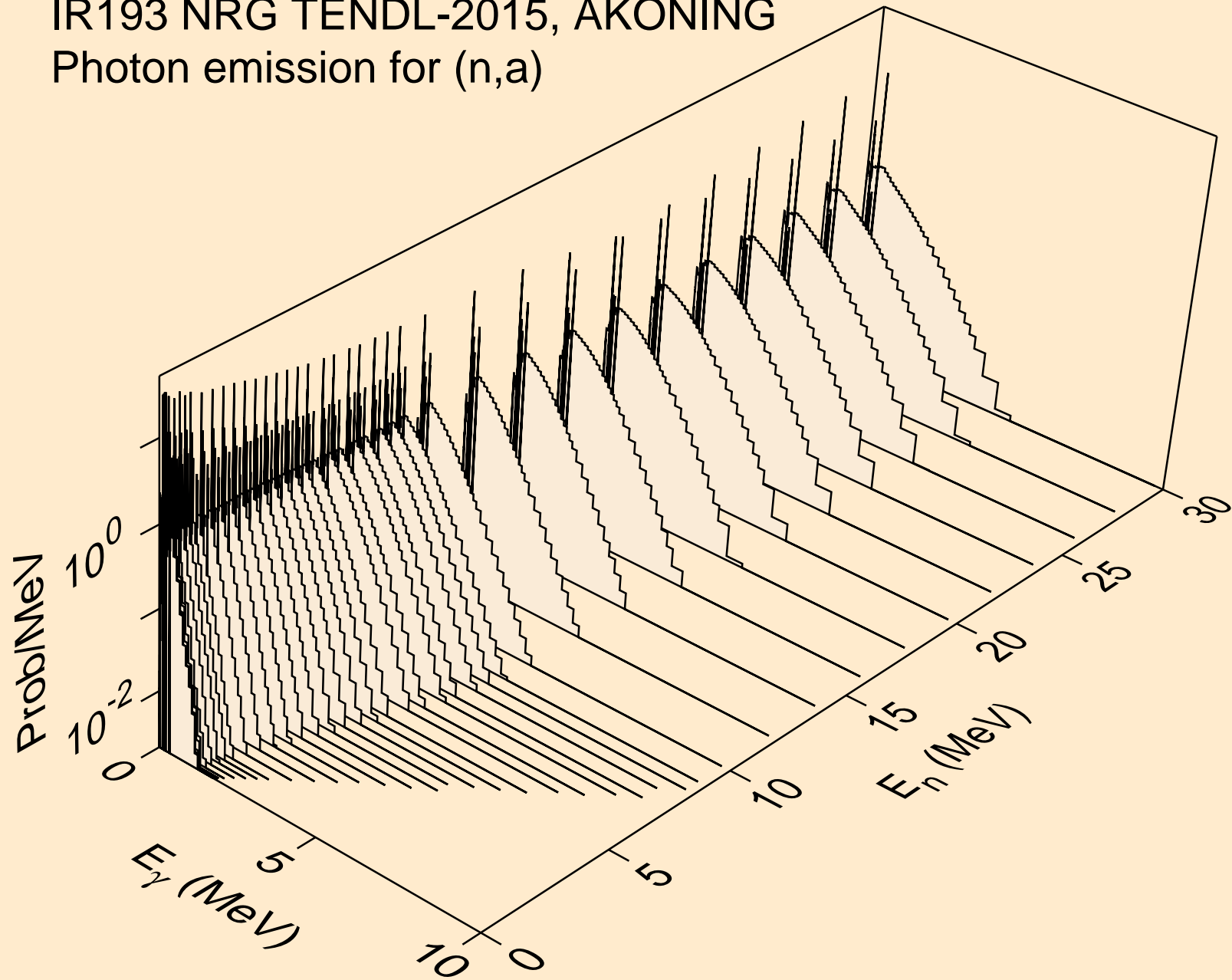
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



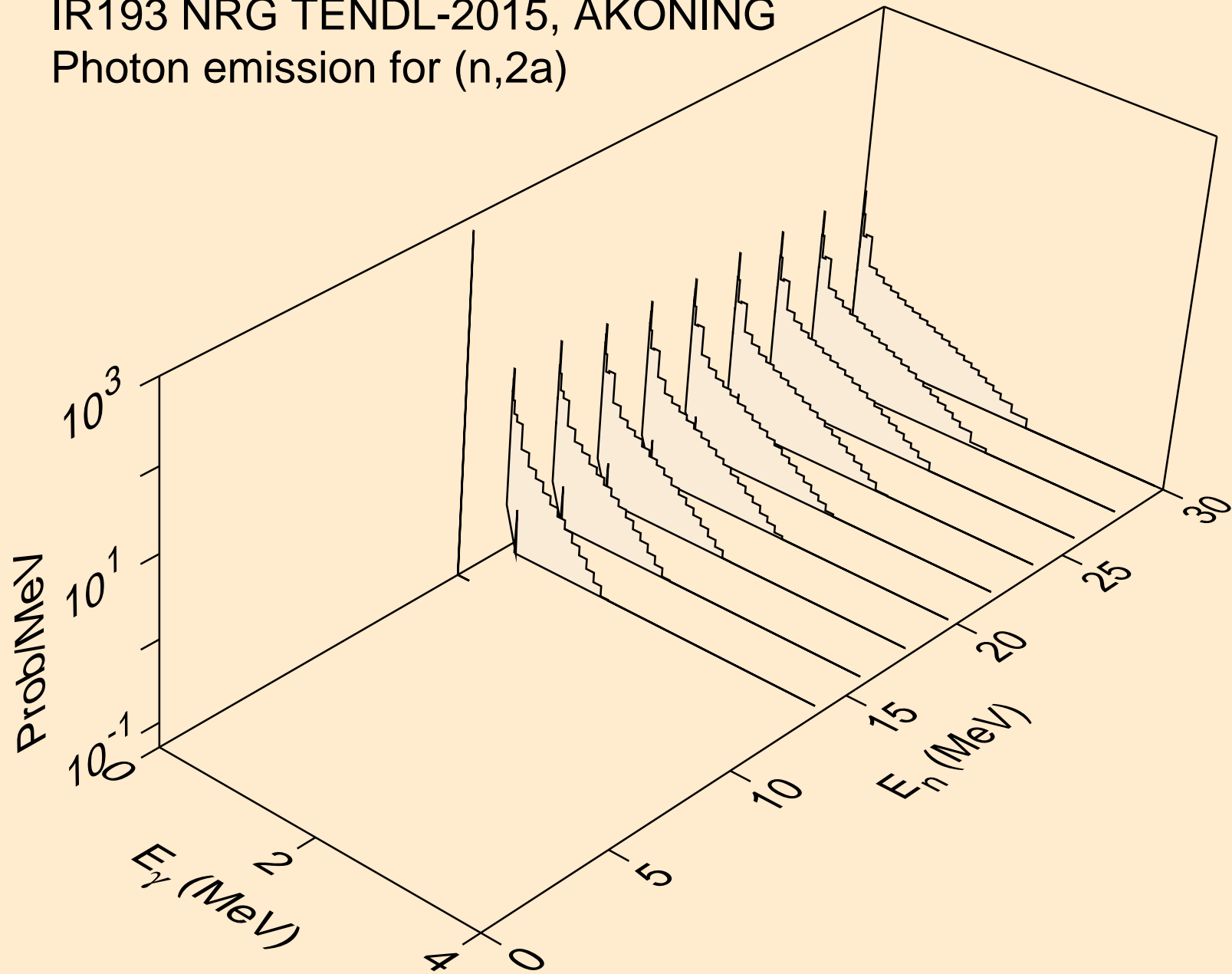
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

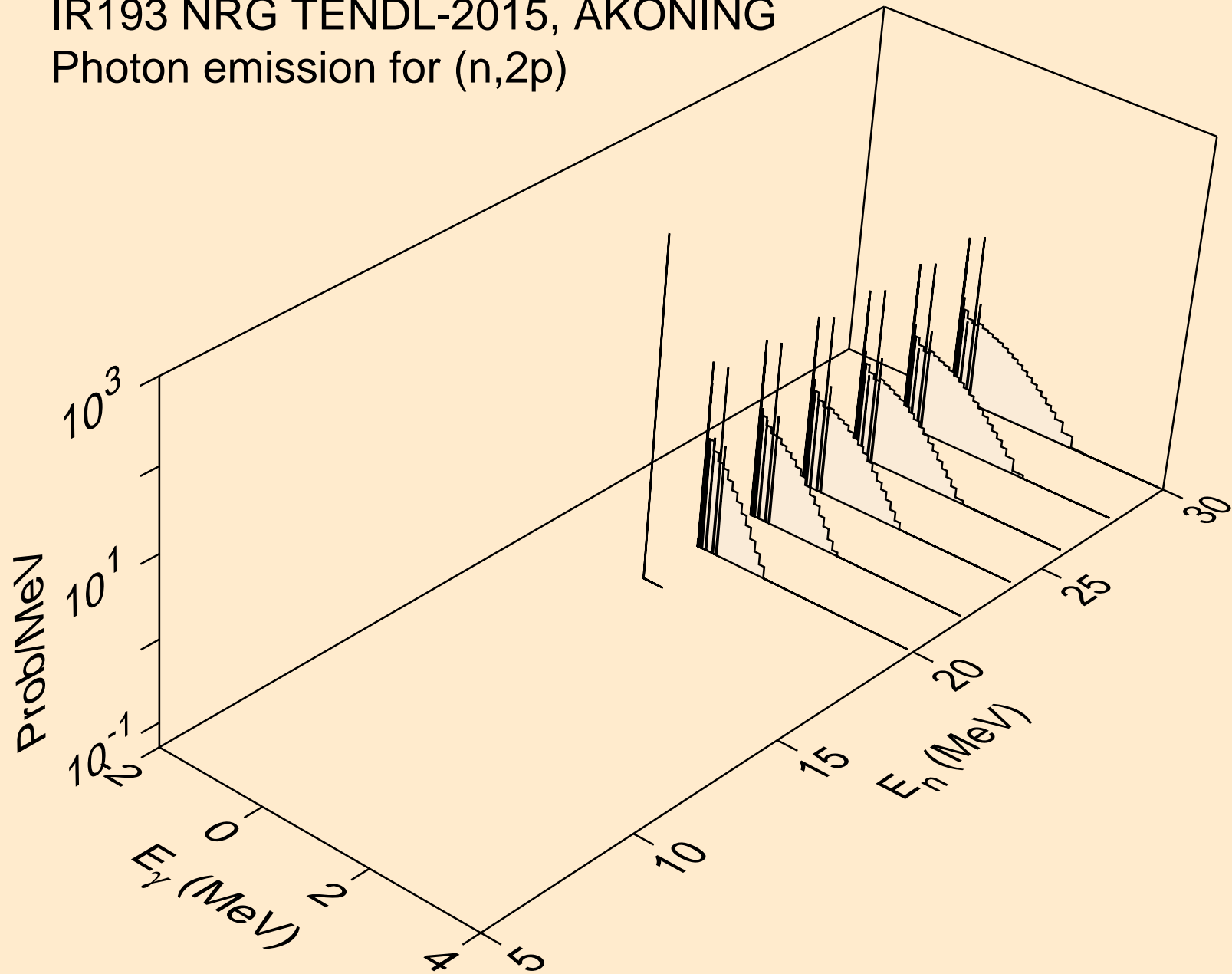


IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

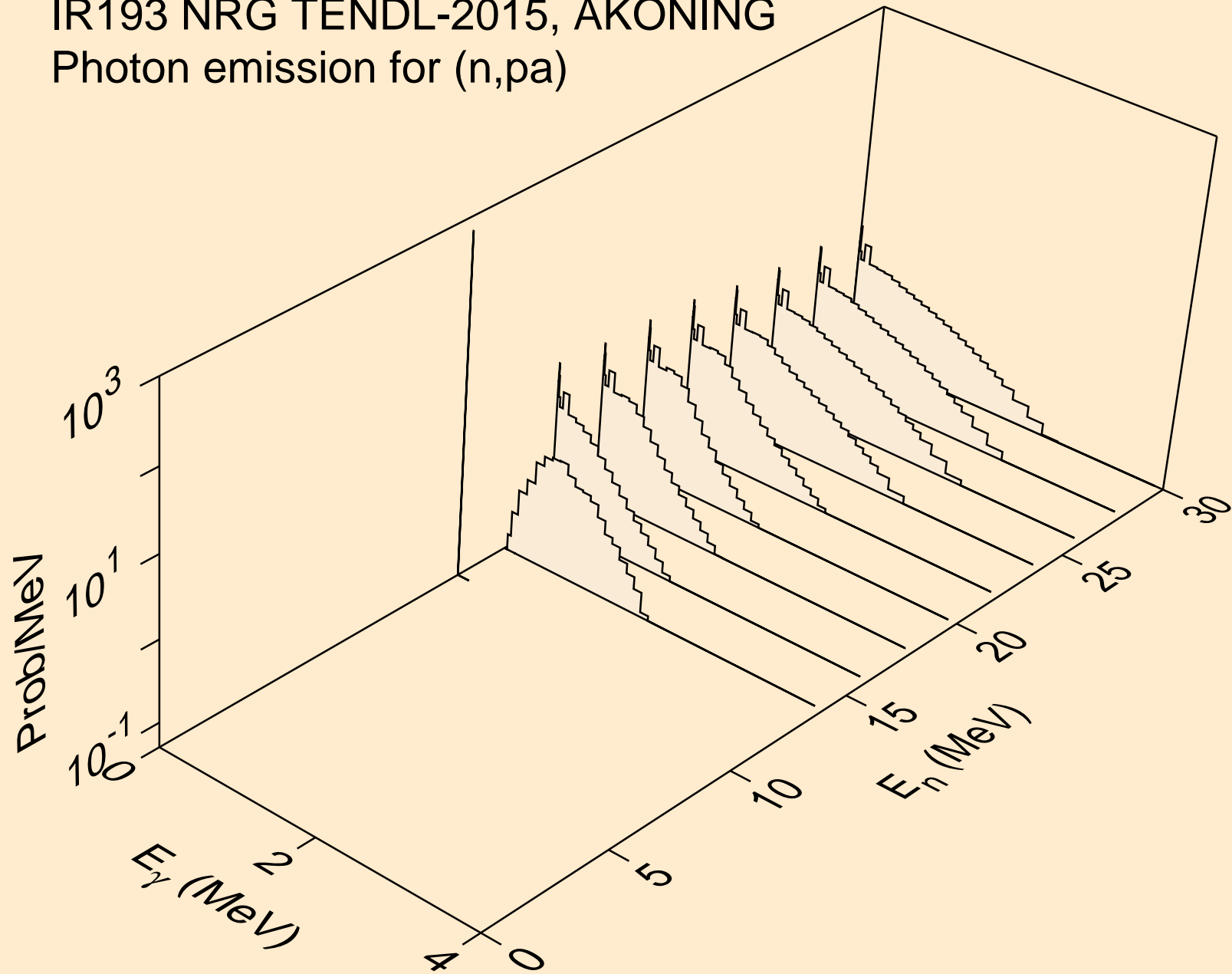




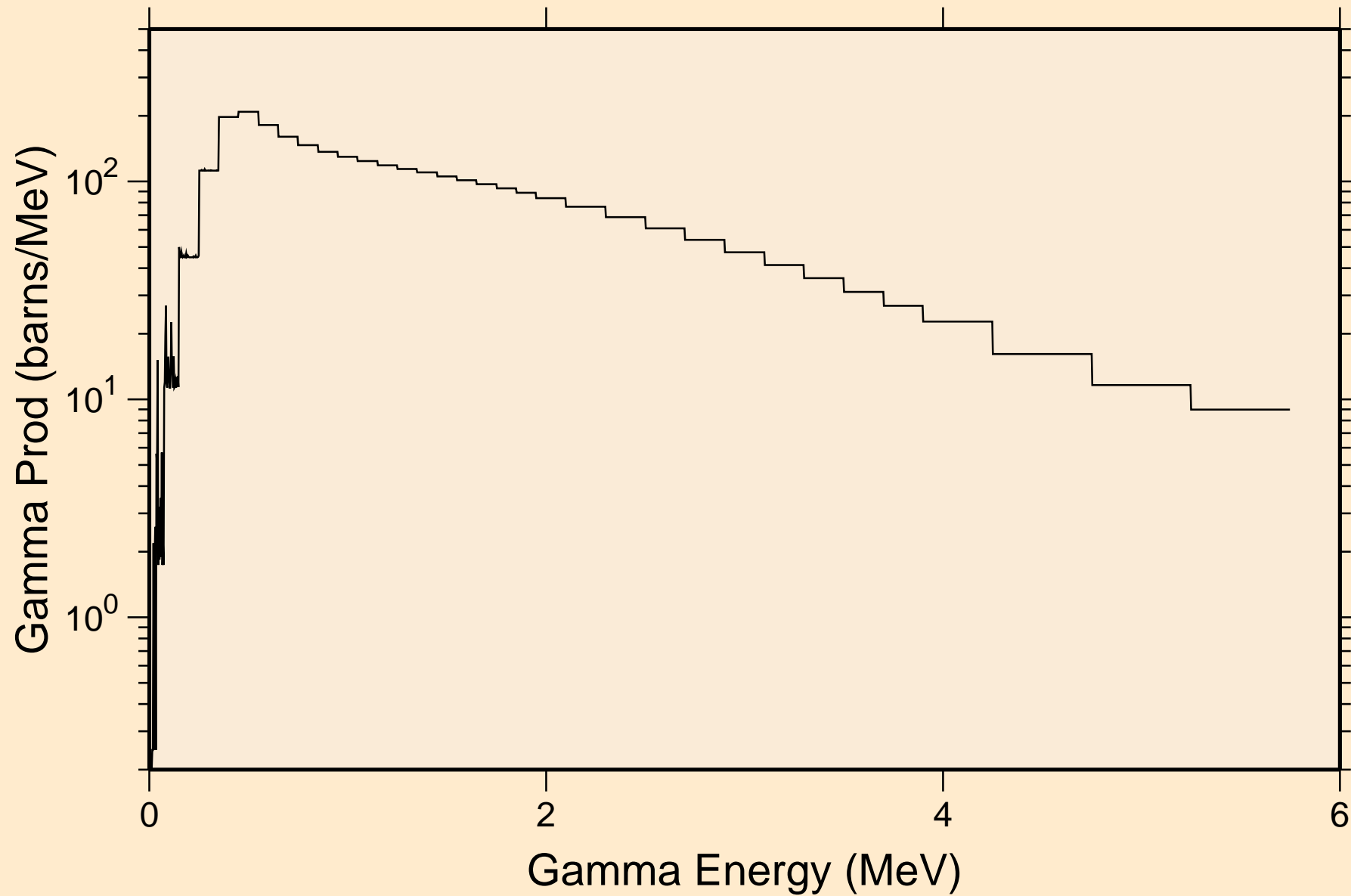
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



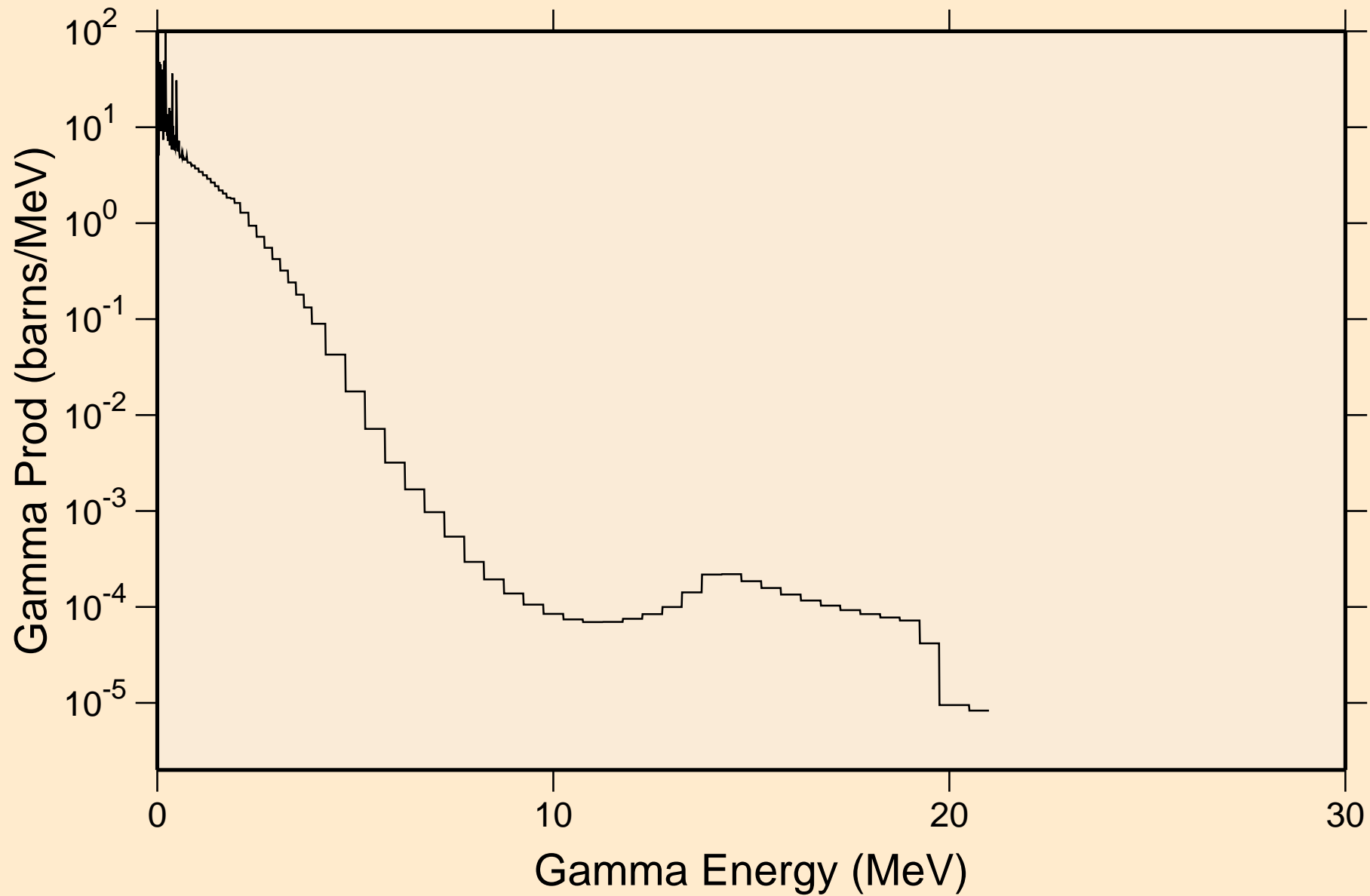
IR193 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



IR193 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

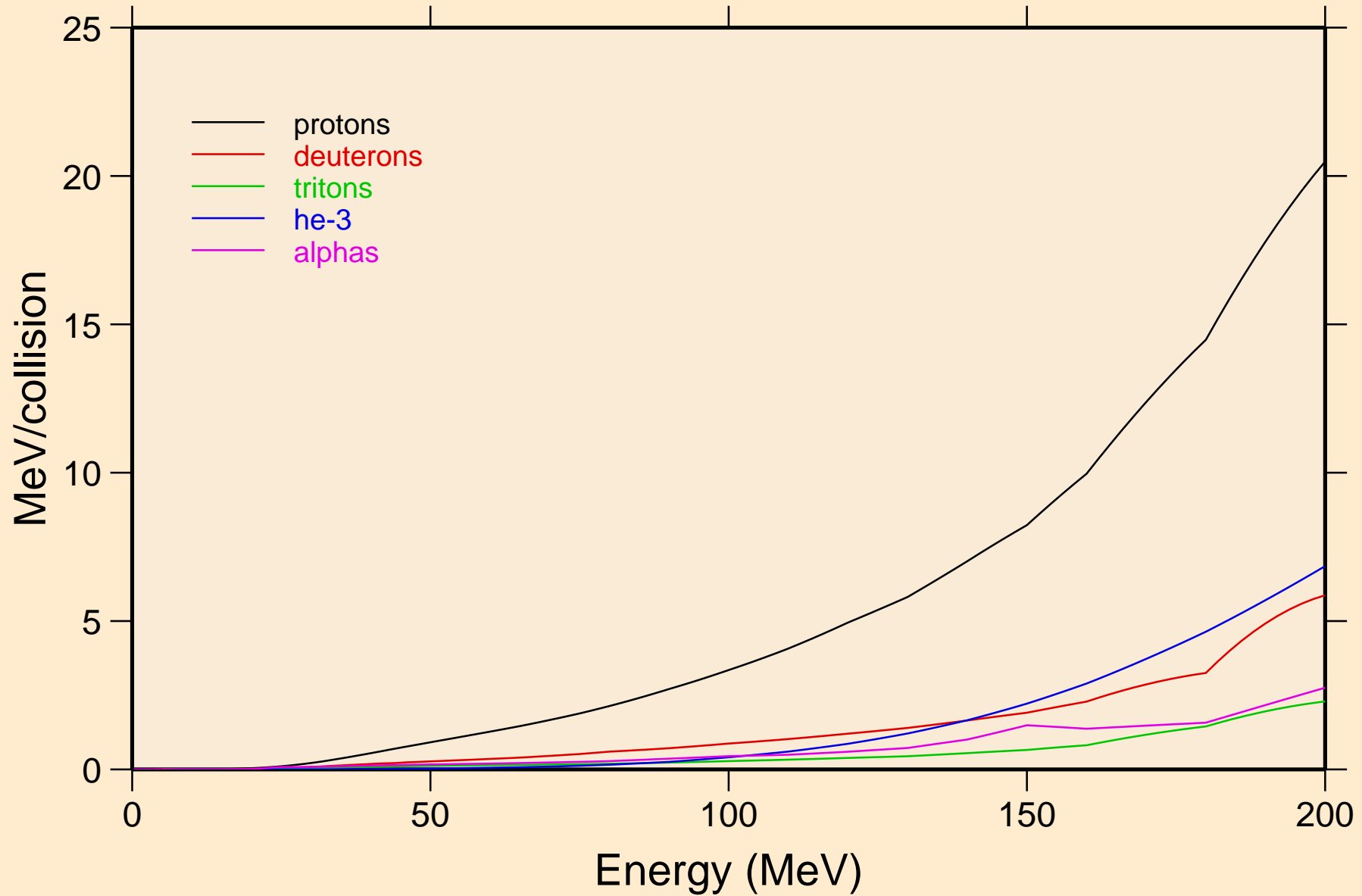


IR193 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



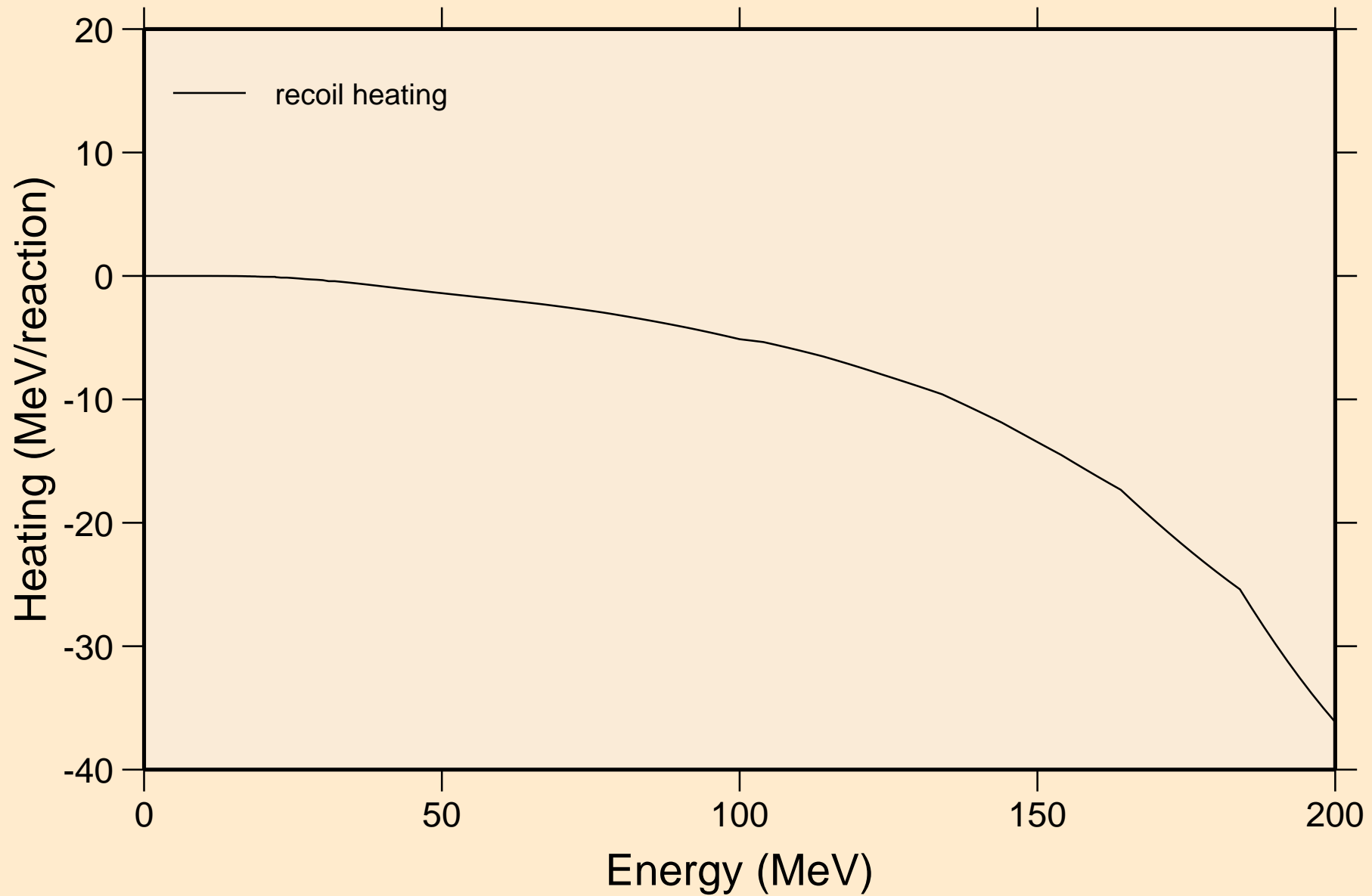
# IR193 NRG TENDL-2015, AKONING

## Particle heating contributions



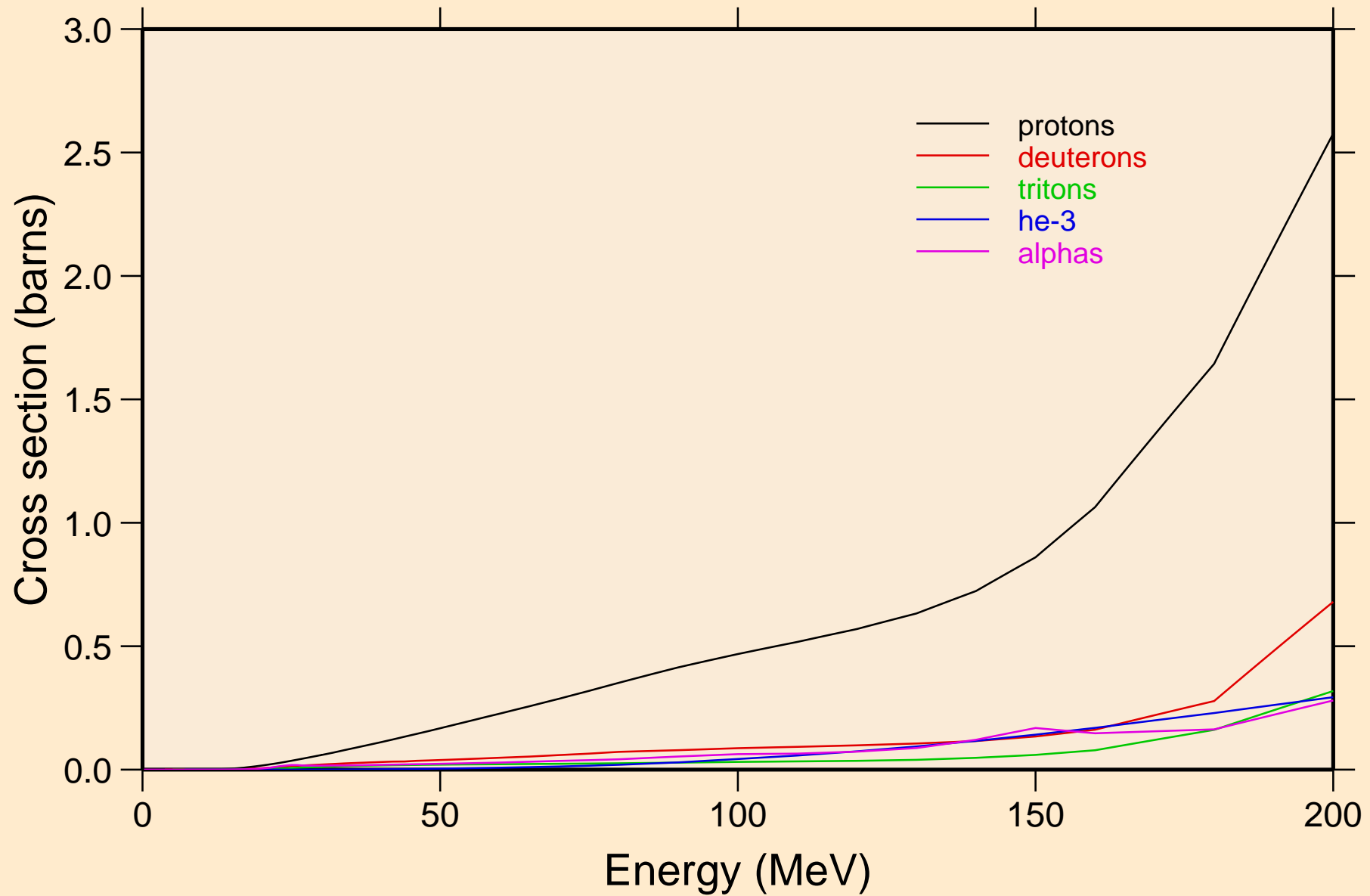
# IR193 NRG TENDL-2015, AKONING

## Recoil Heating

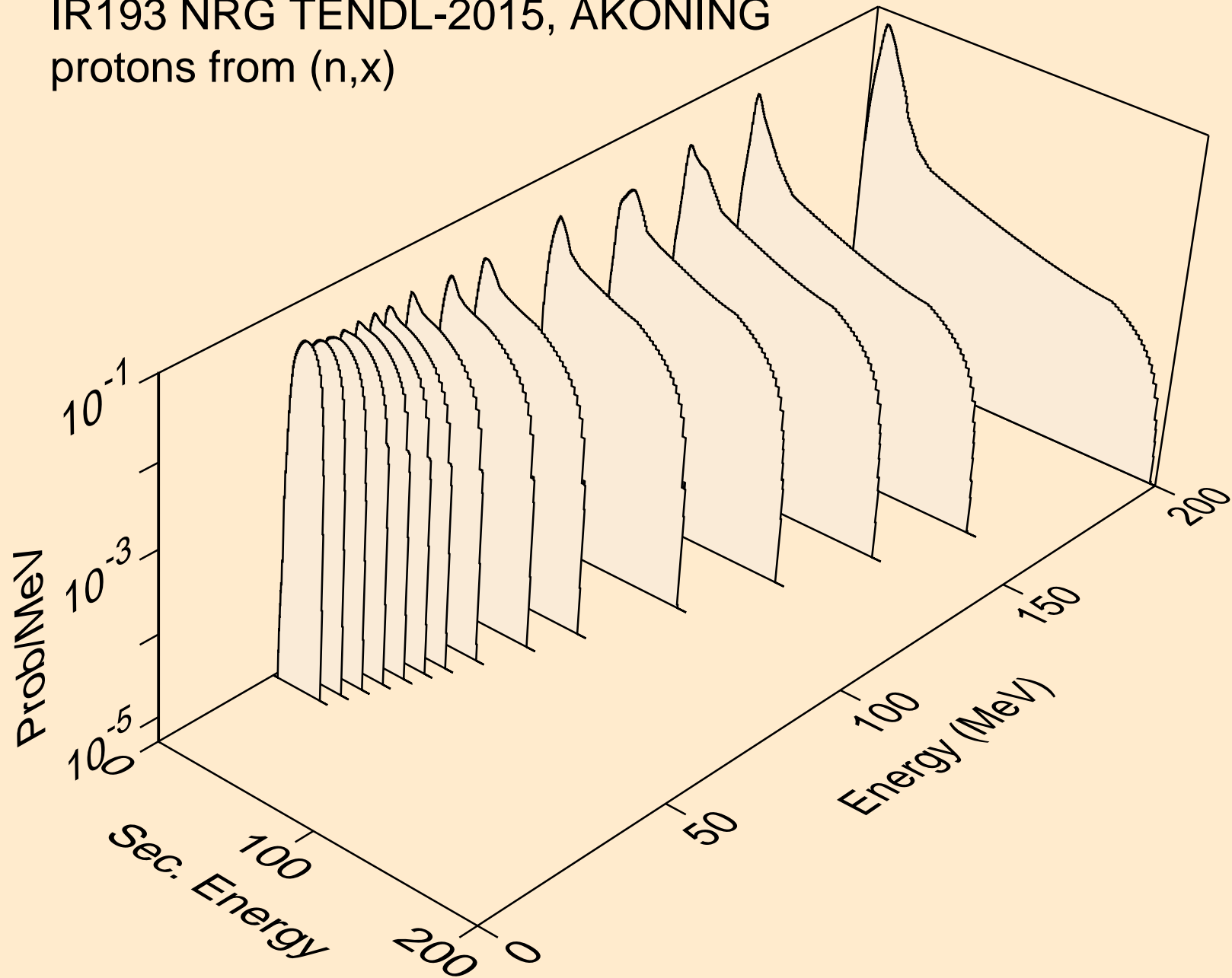


# IR193 NRG TENDL-2015, AKONING

## Particle production cross sections

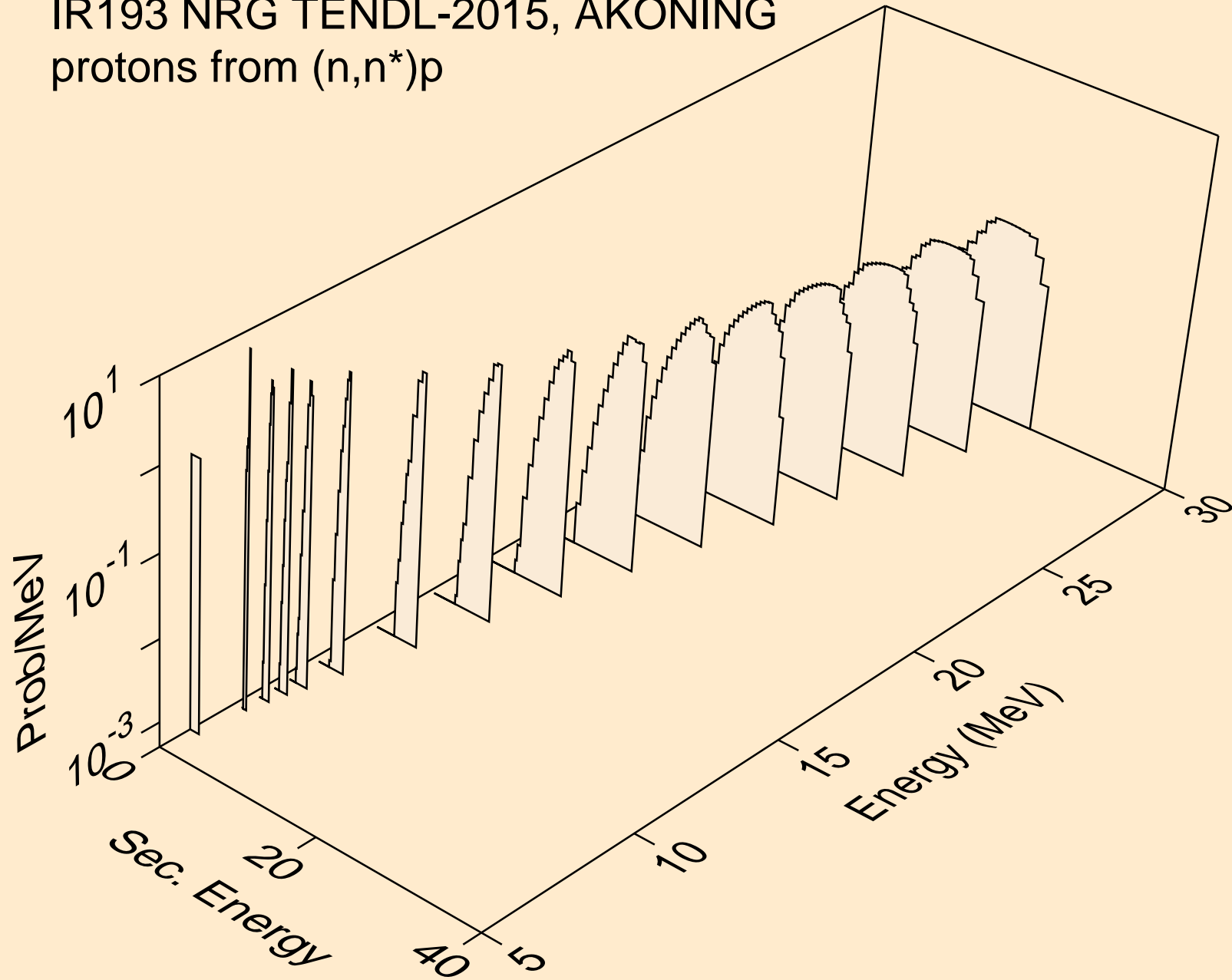


IR193 NRG TENDL-2015, AKONING  
protons from (n,x)

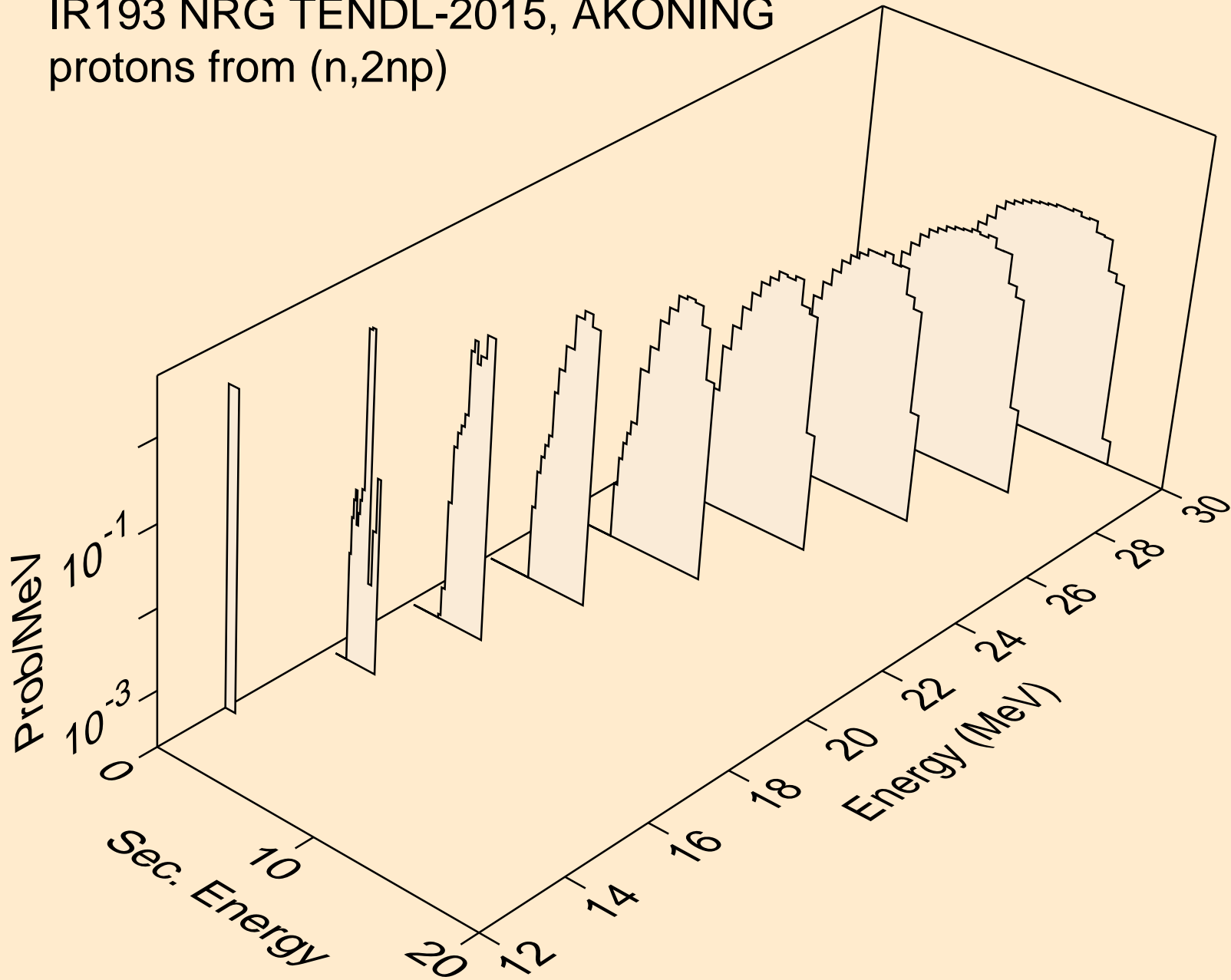




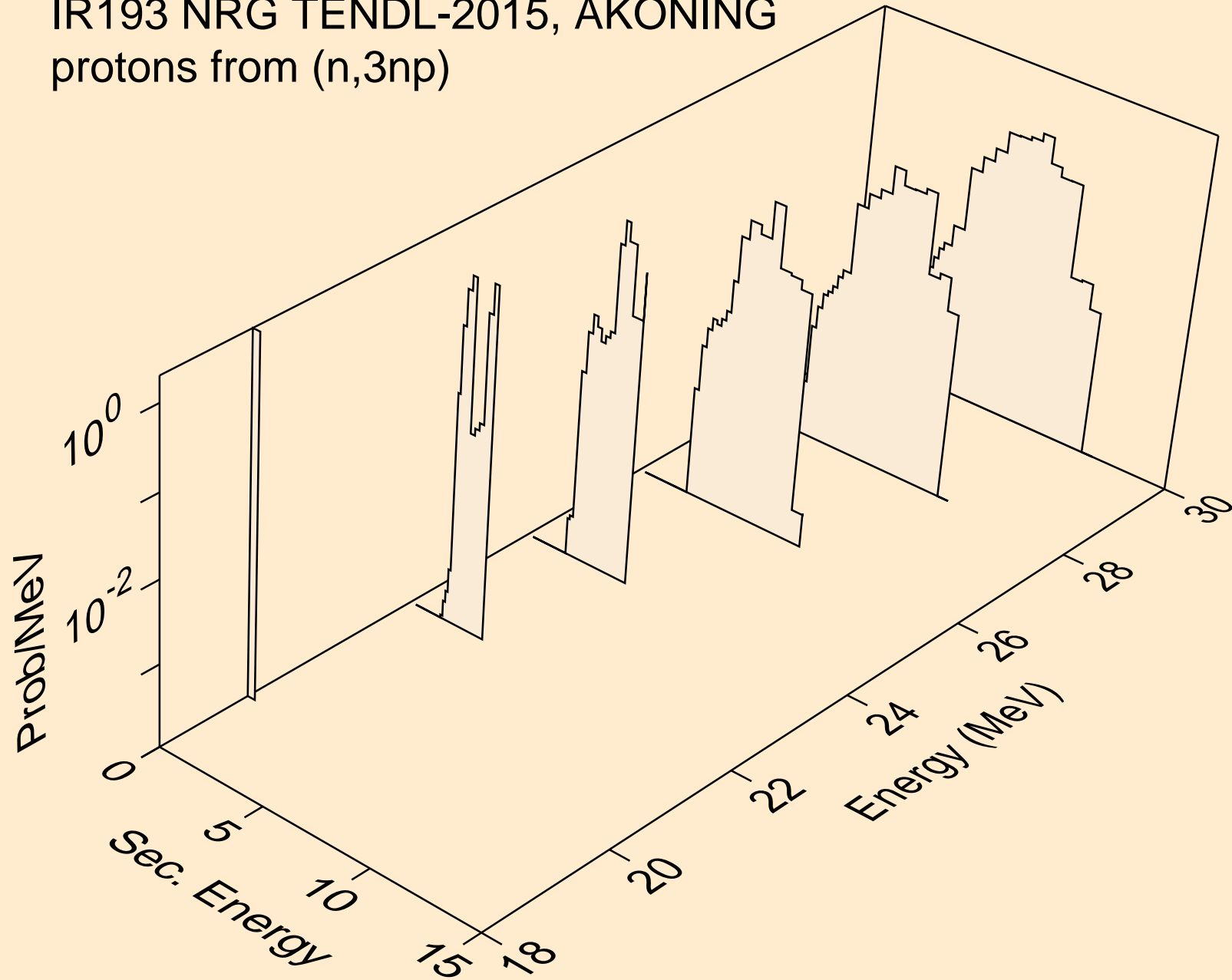
IR193 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



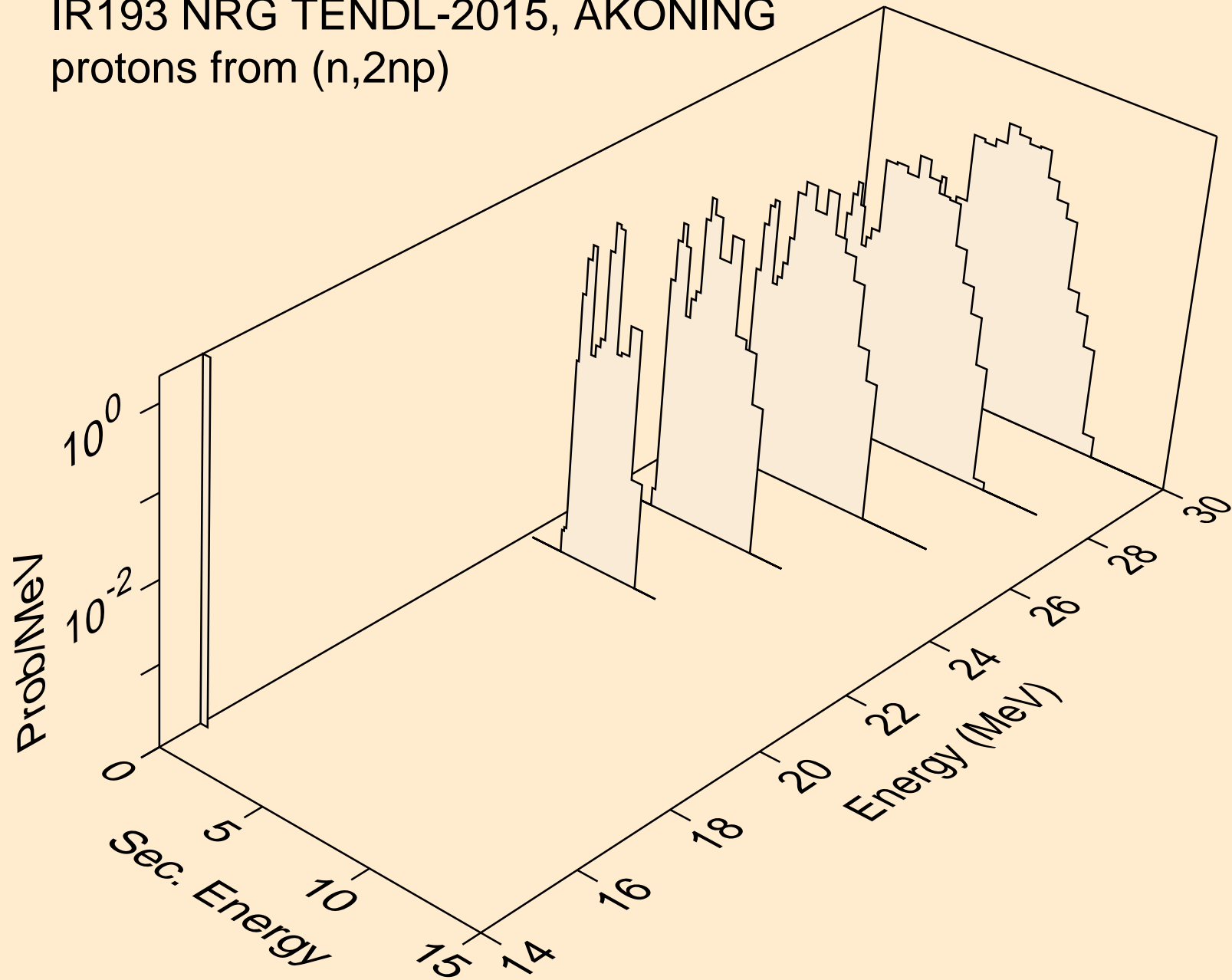
IR193 NRG TENDL-2015, AKONING  
protons from (n,2np)



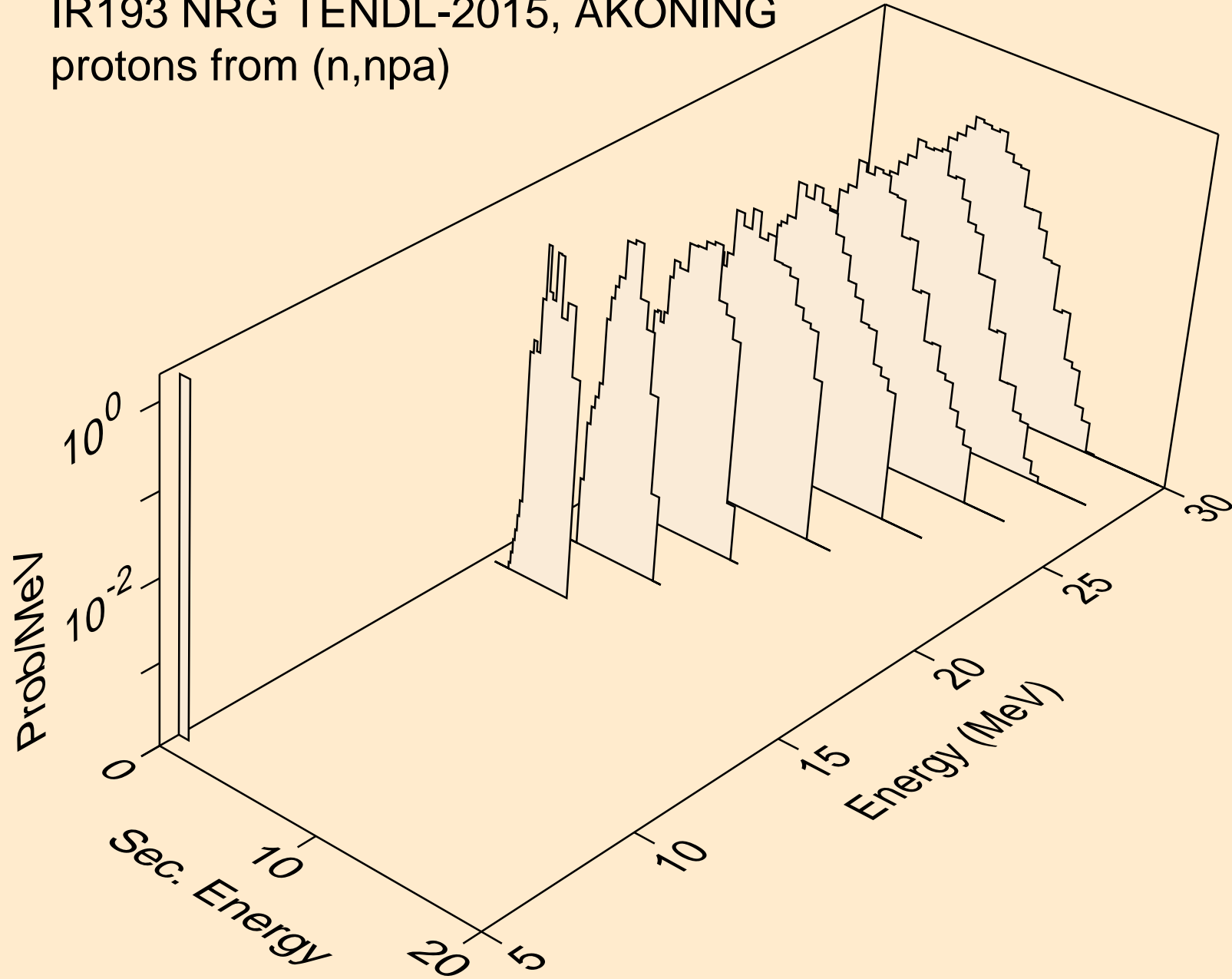
IR193 NRG TENDL-2015, AKONING  
protons from (n,3np)



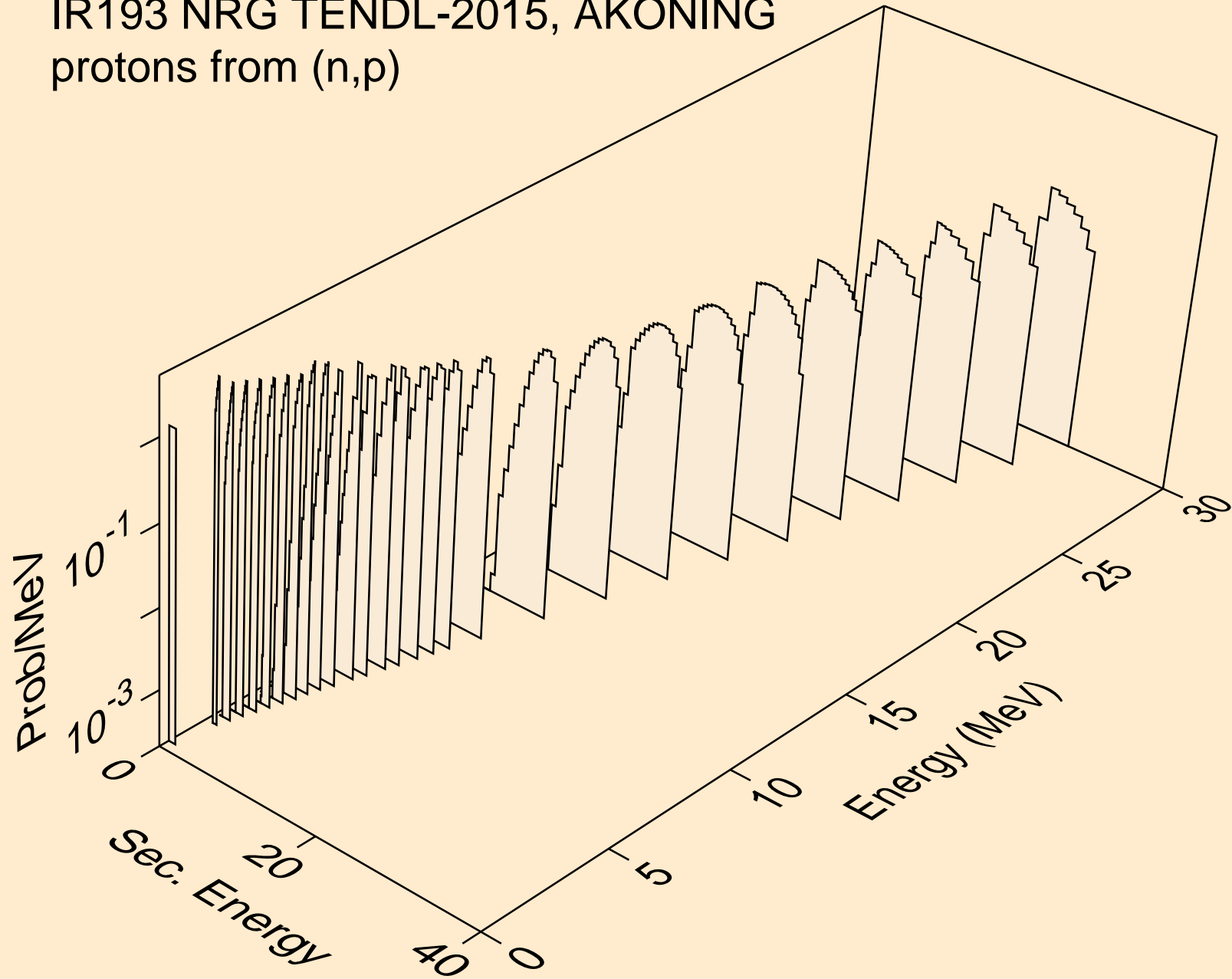
IR193 NRG TENDL-2015, AKONING  
protons from (n,2np)



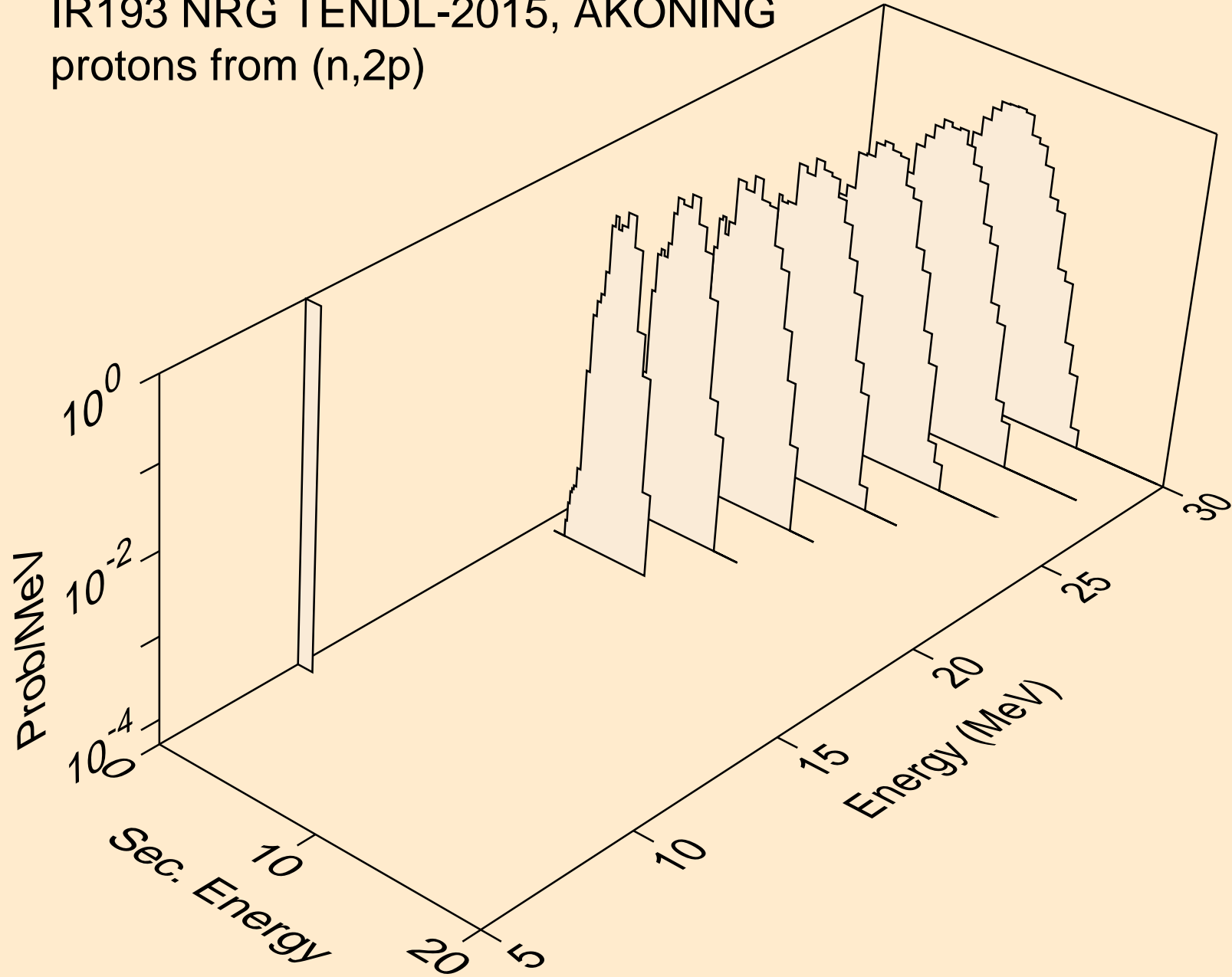
IR193 NRG TENDL-2015, AKONING  
protons from (n,npa)



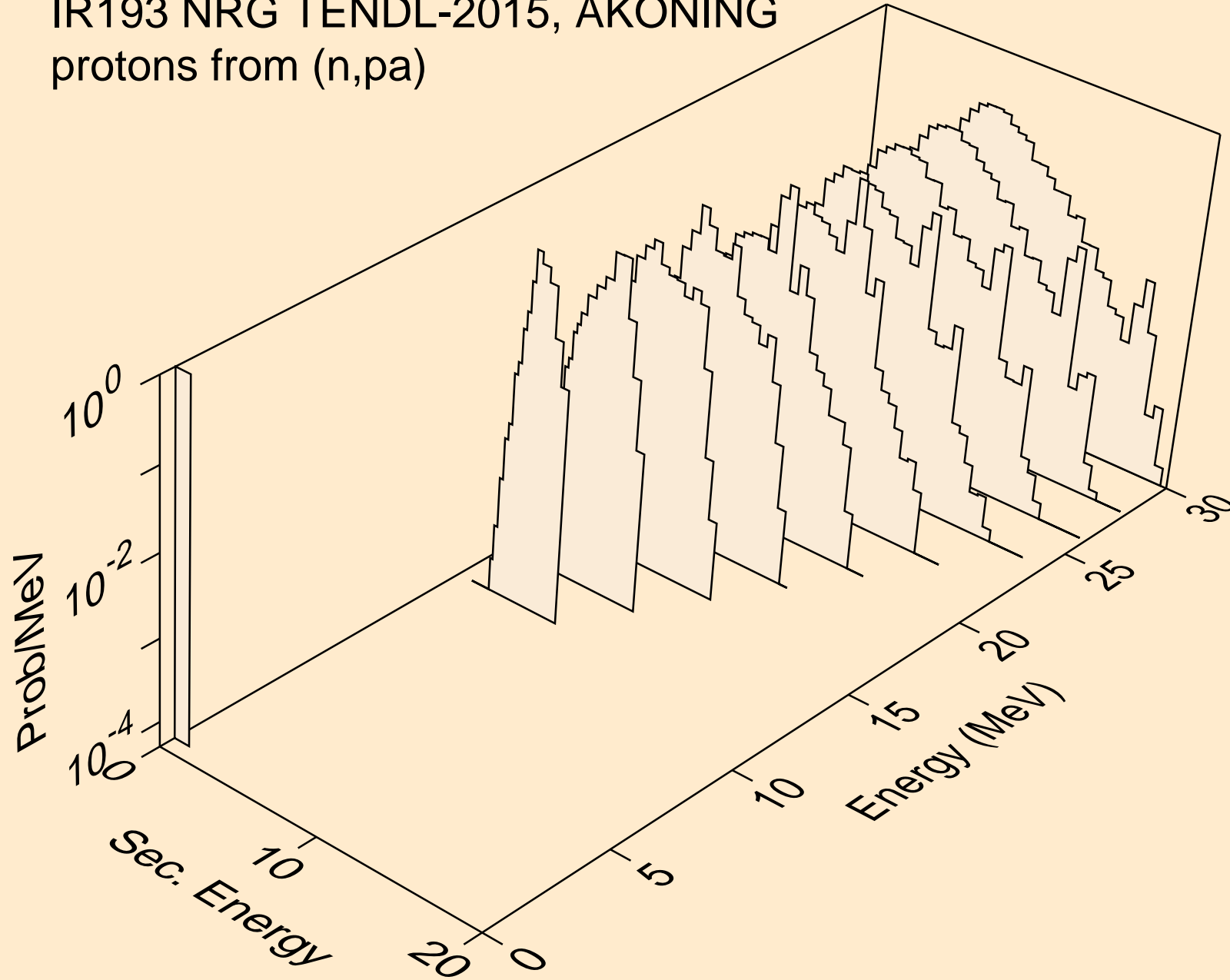
IR193 NRG TENDL-2015, AKONING  
protons from (n,p)



IR193 NRG TENDL-2015, AKONING  
protons from (n,2p)

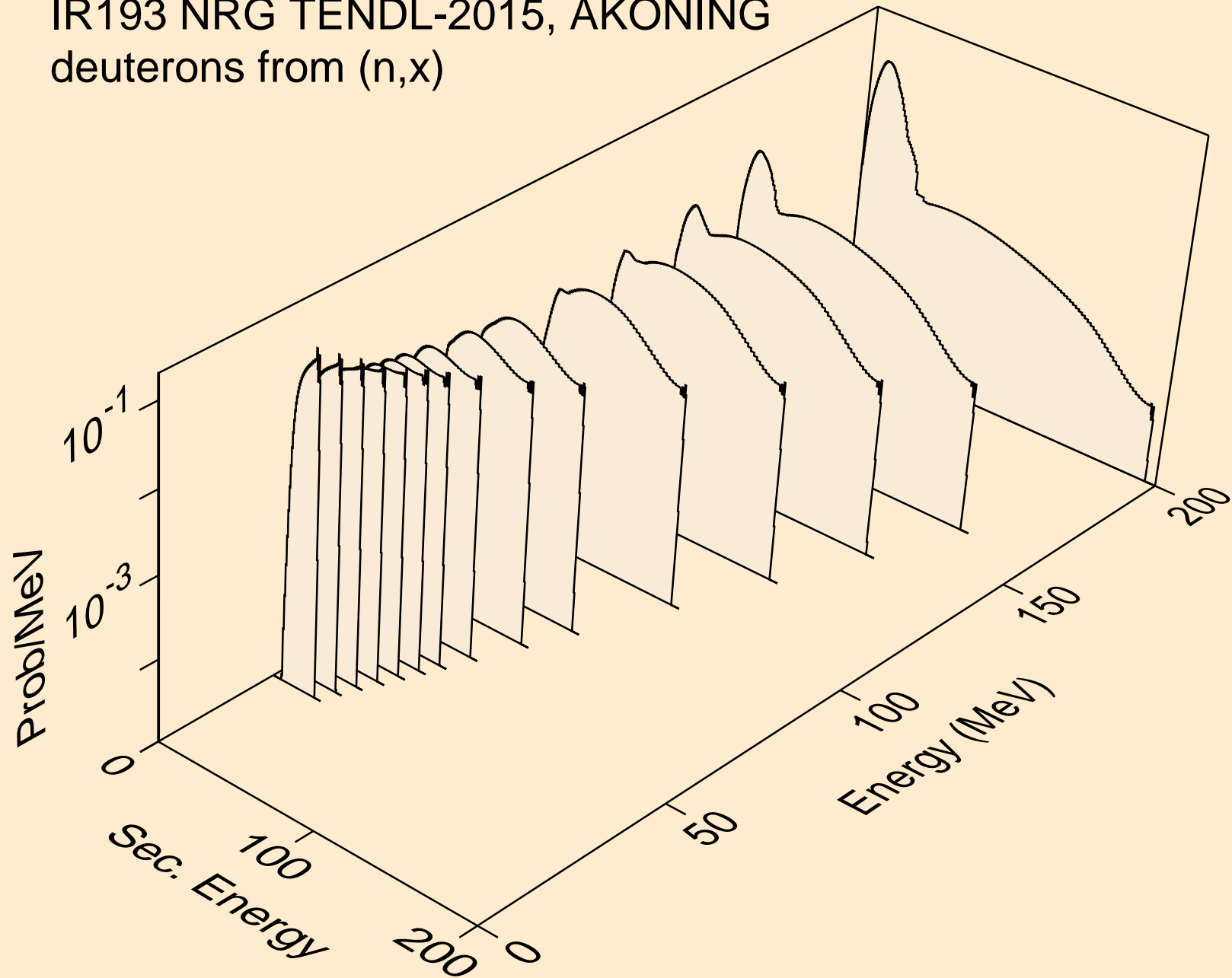


IR193 NRG TENDL-2015, AKONING  
protons from (n,pa)

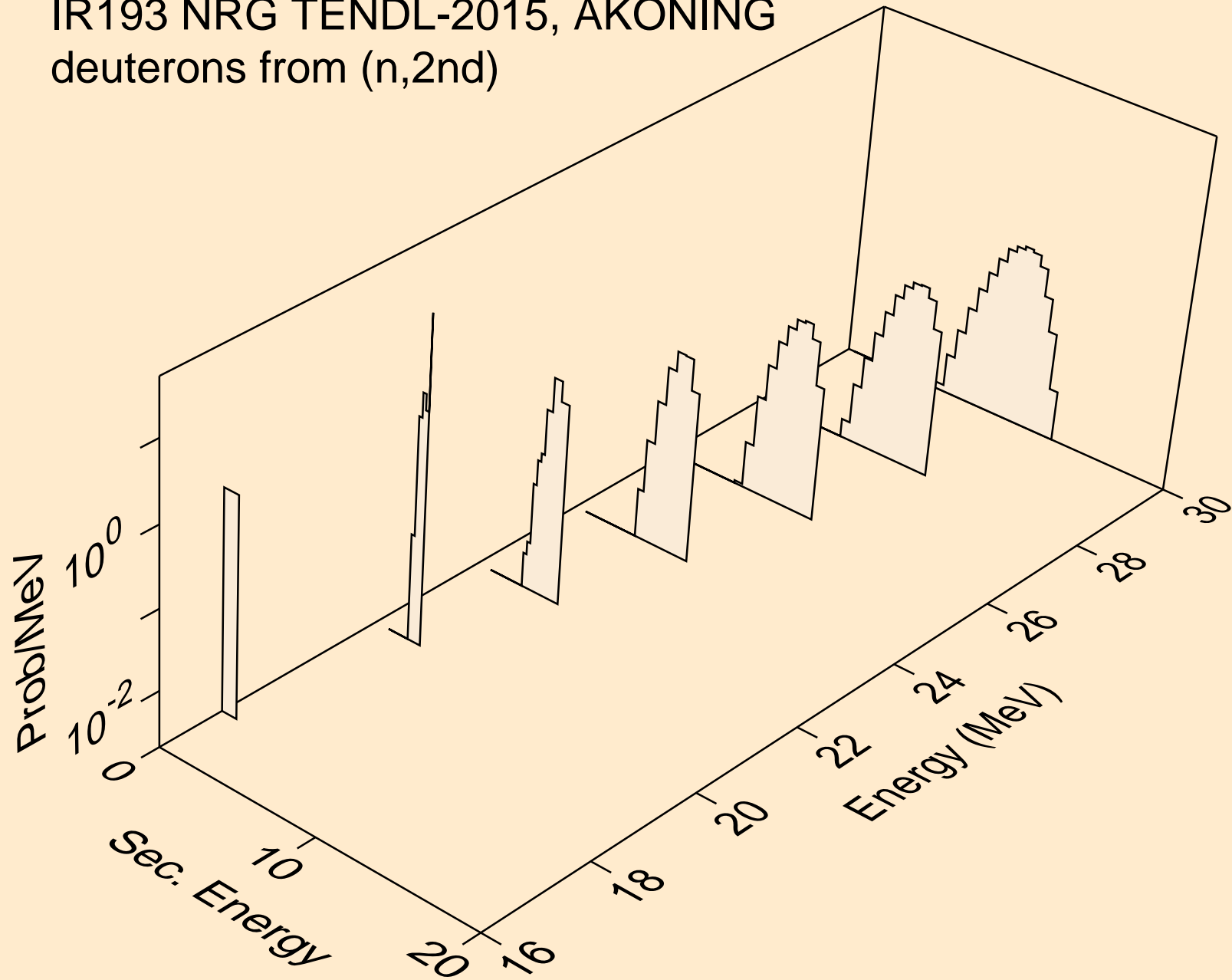




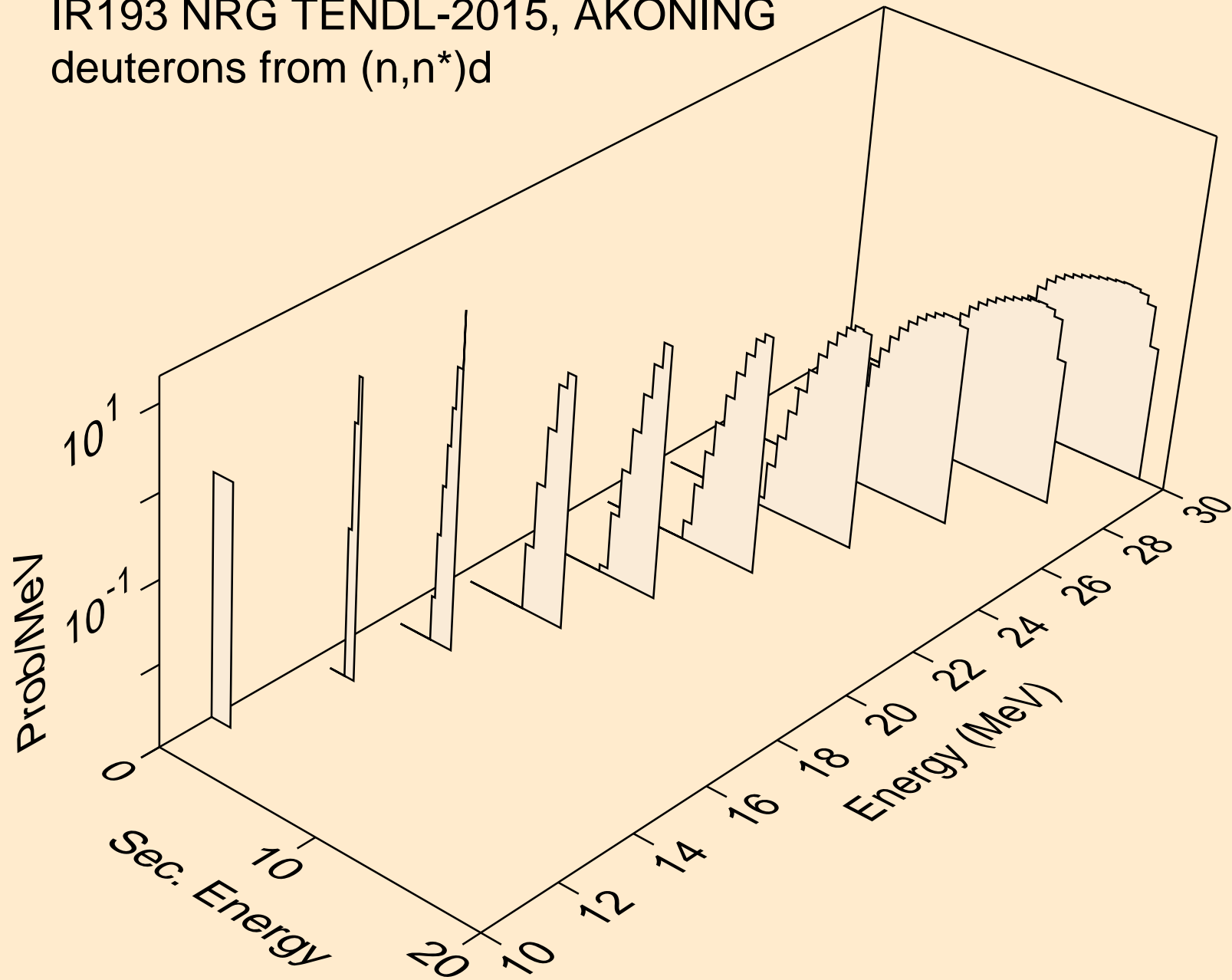
IR193 NRG TENDL-2015, AKONING  
deuterons from (n,x)



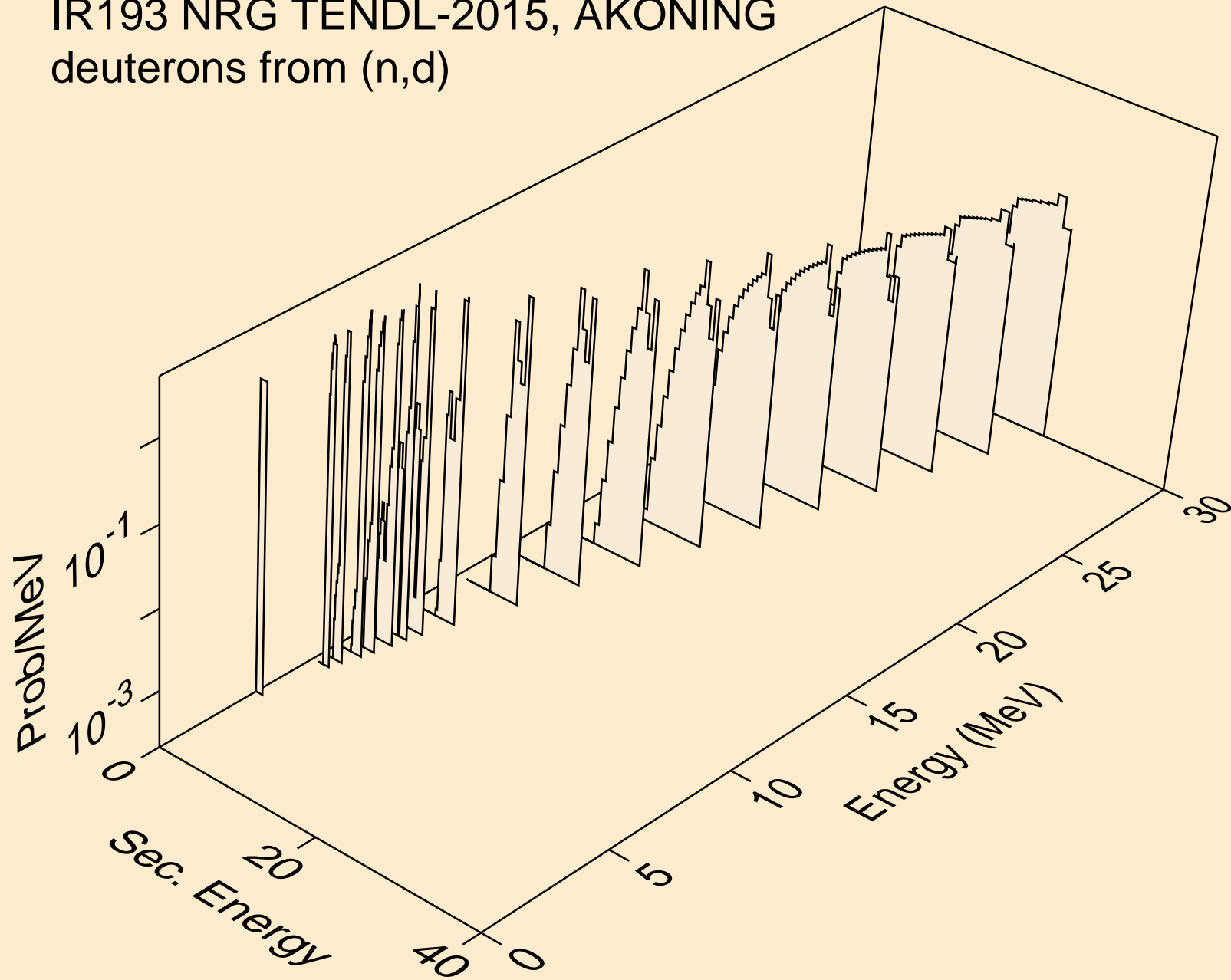
IR193 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



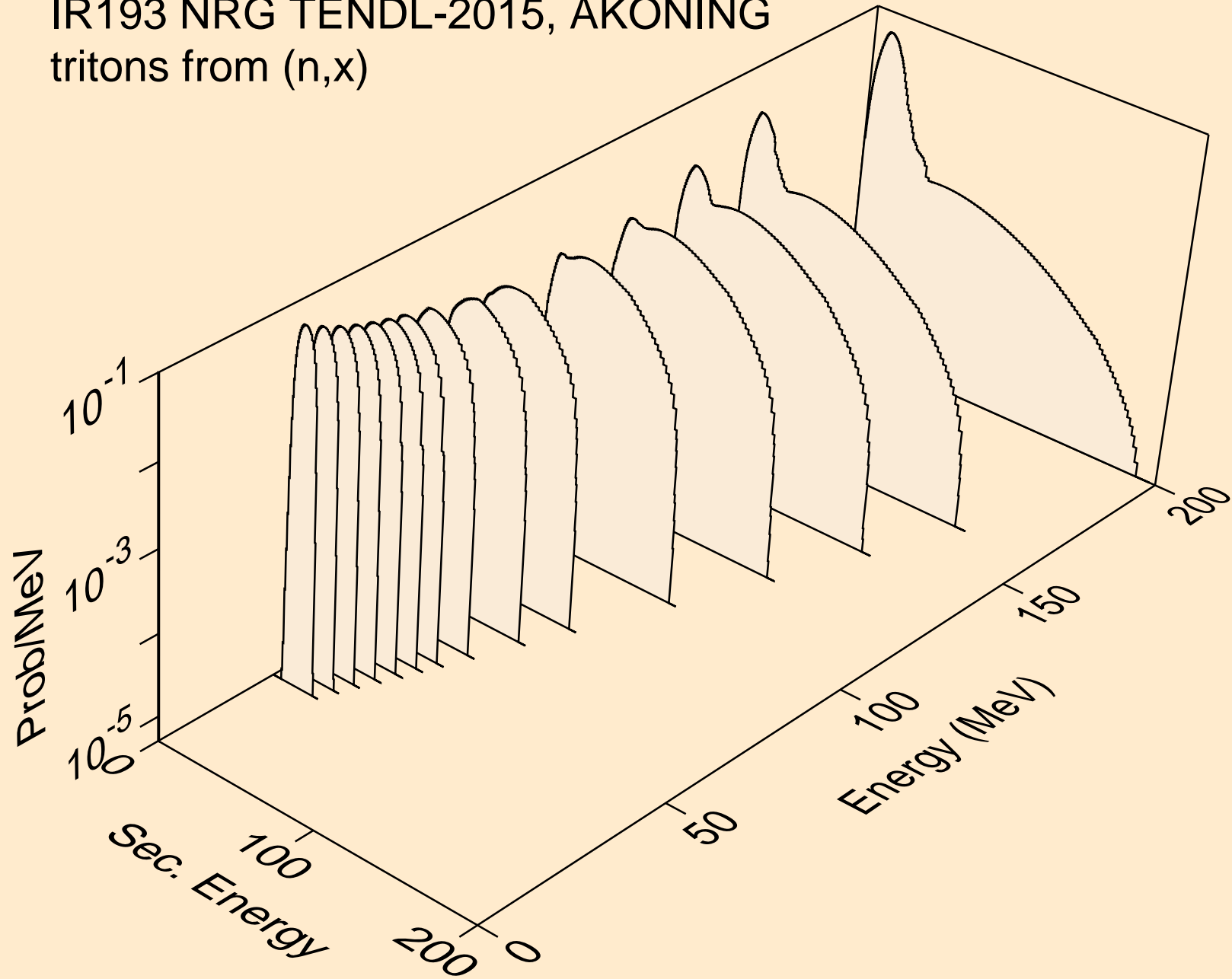
IR193 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



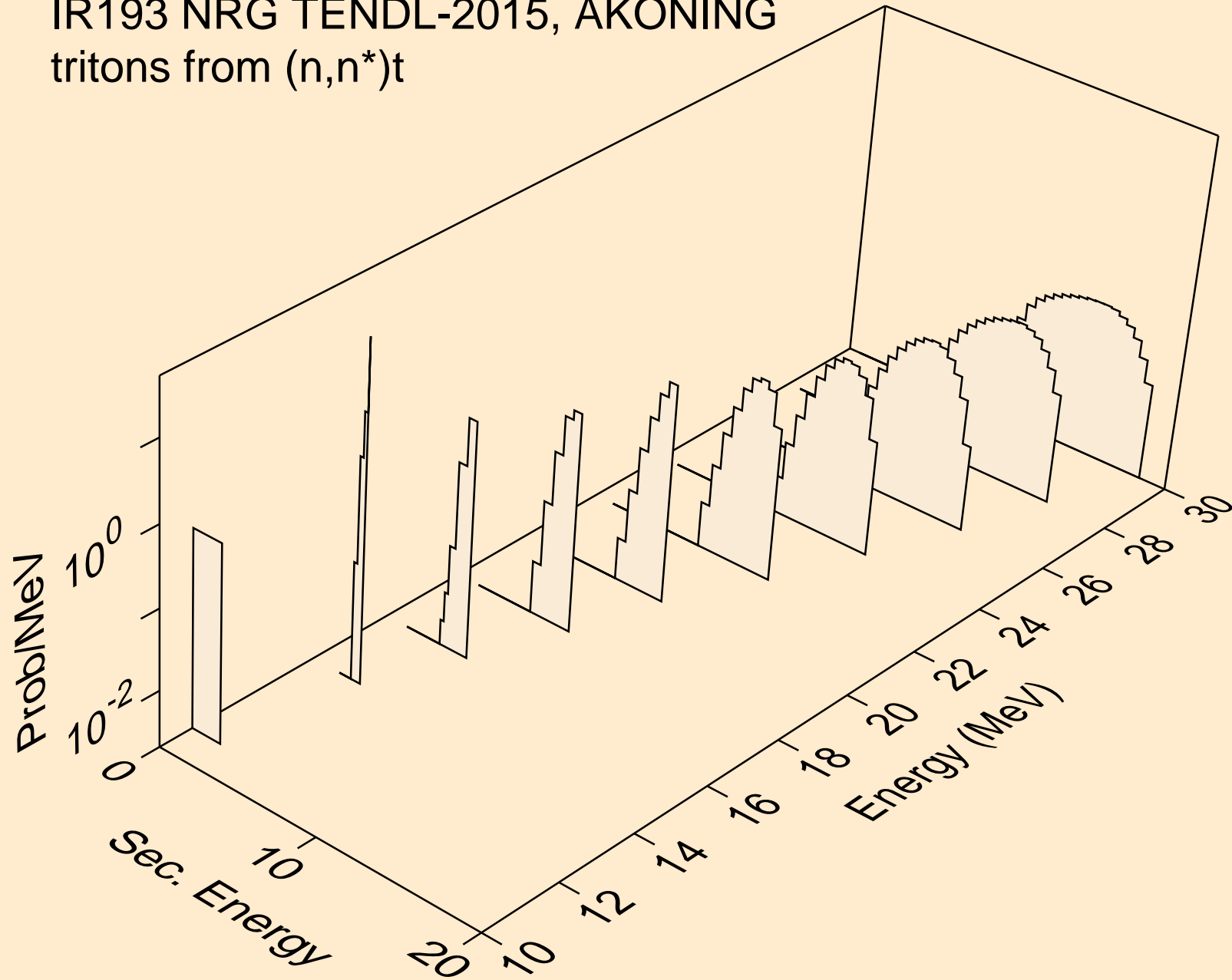
IR193 NRG TENDL-2015, AKONING  
deuterons from (n,d)



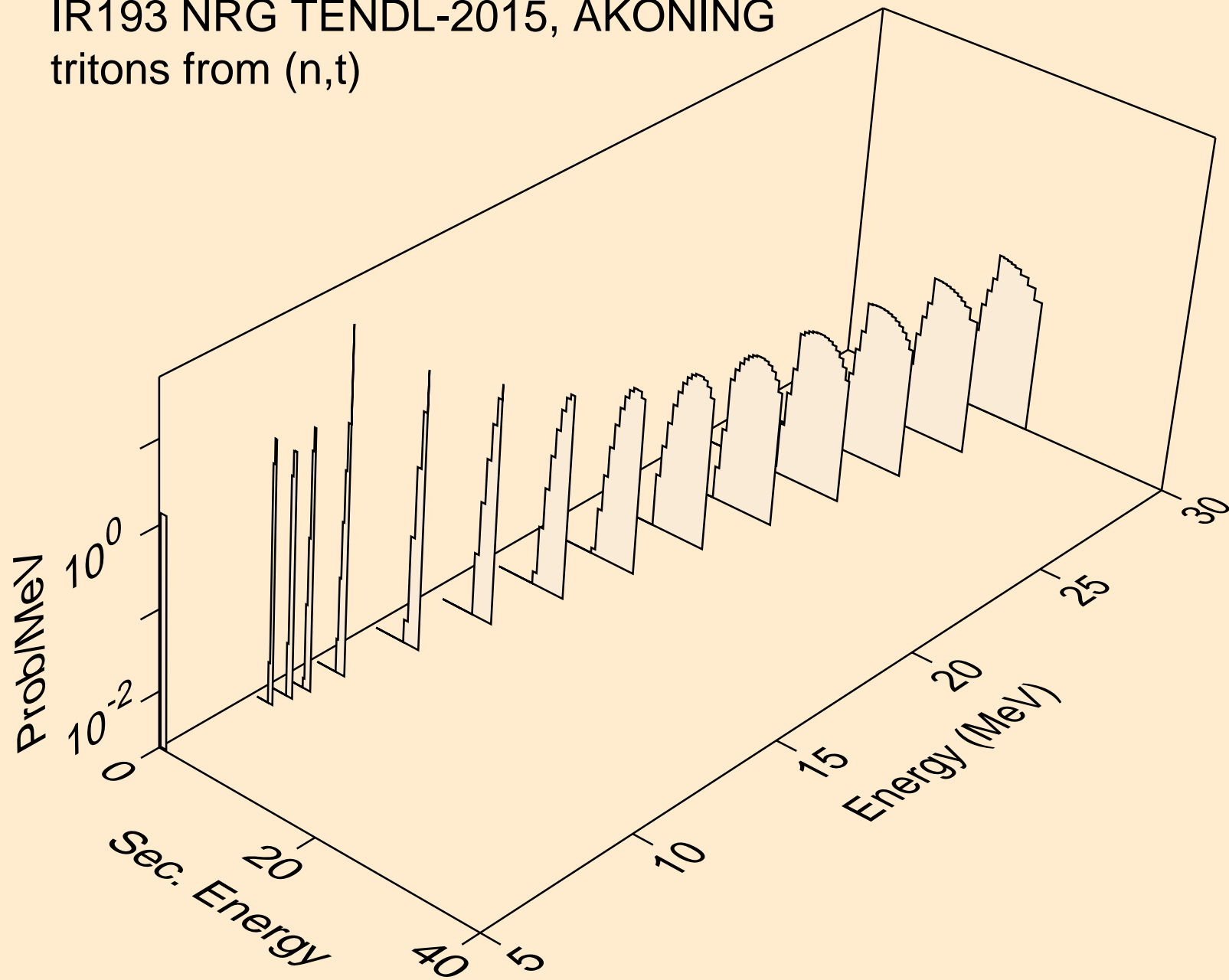
IR193 NRG TENDL-2015, AKONING  
tritons from (n,x)



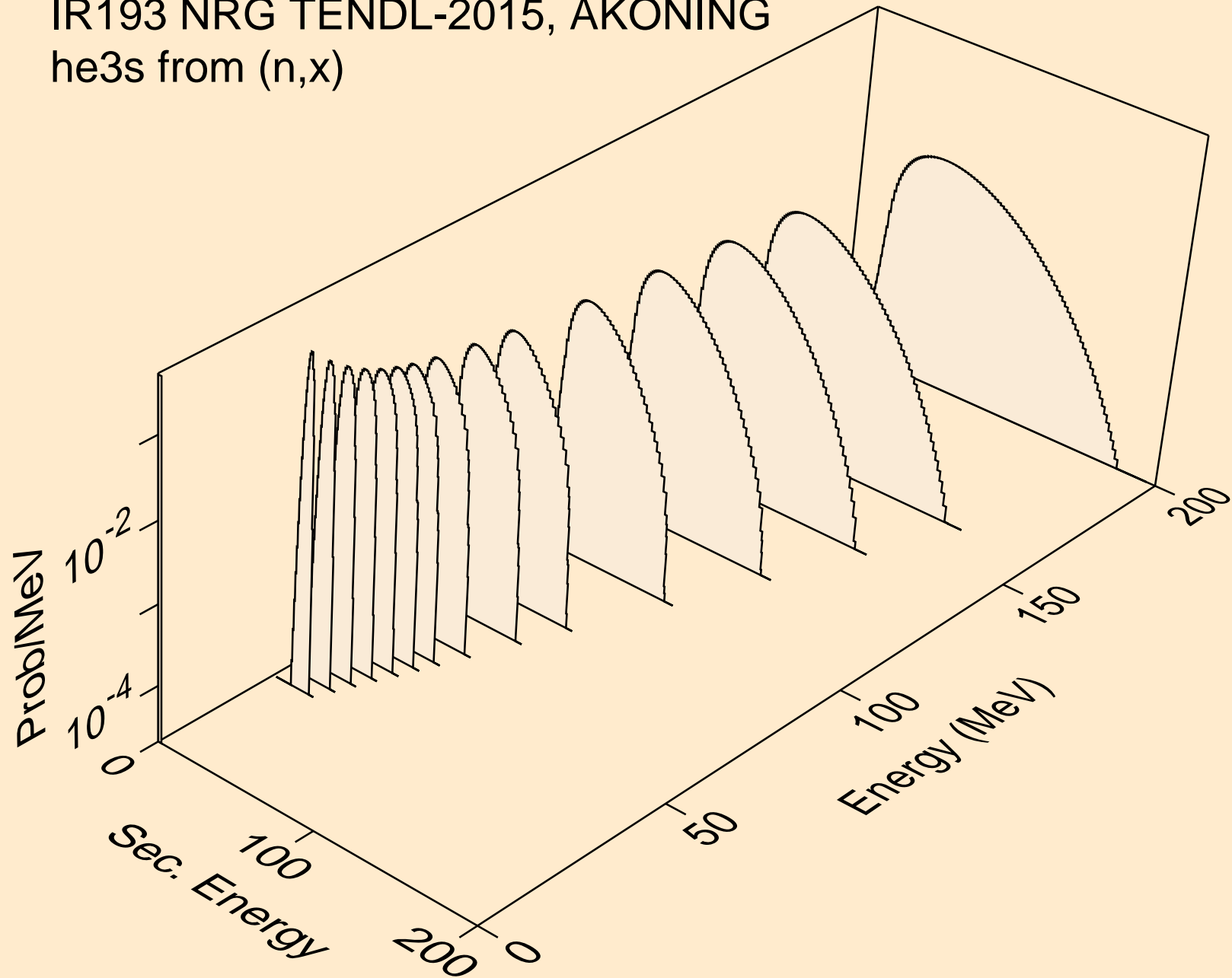
IR193 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



IR193 NRG TENDL-2015, AKONING  
tritons from (n,t)

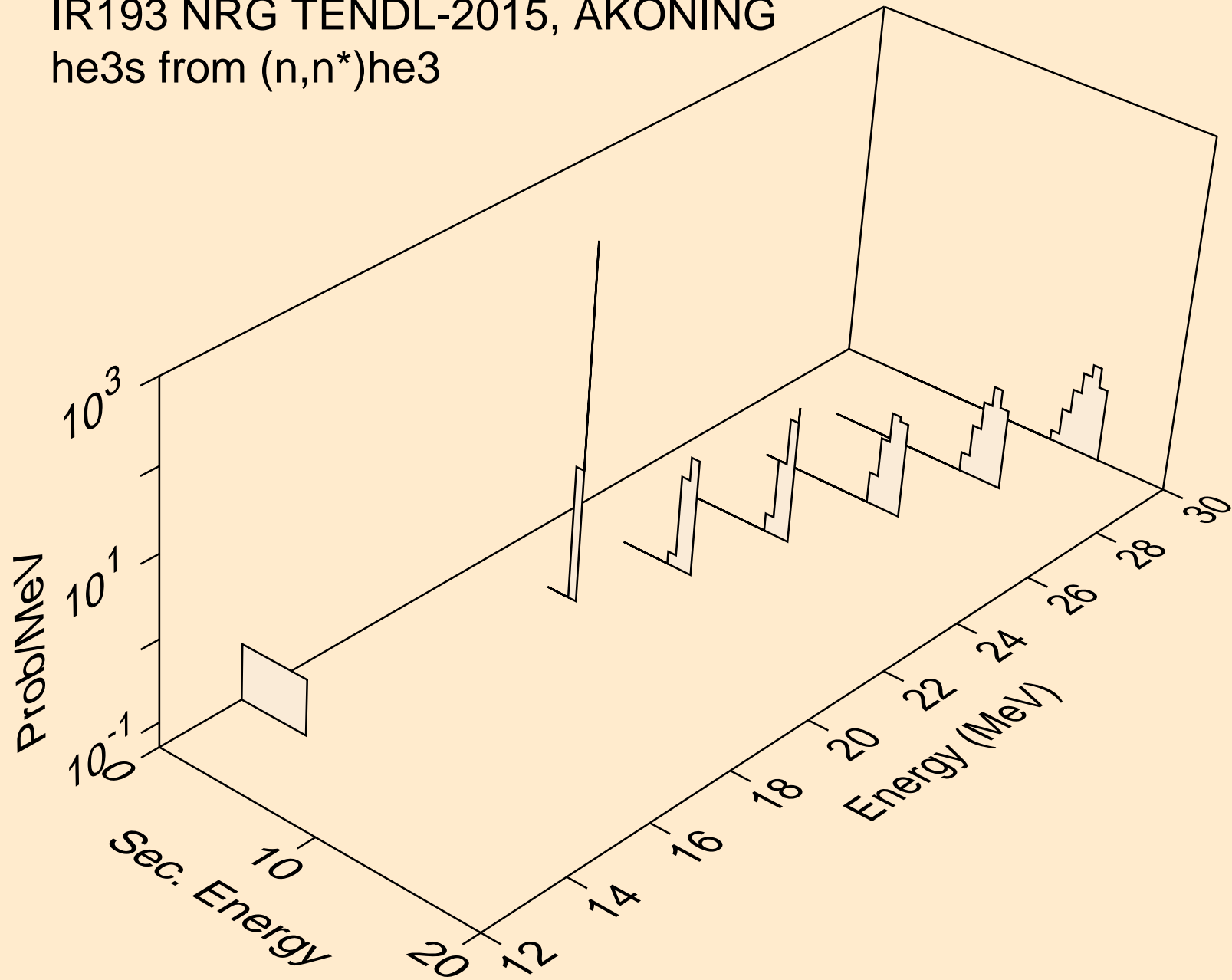


IR193 NRG TENDL-2015, AKONING  
he3s from (n,x)

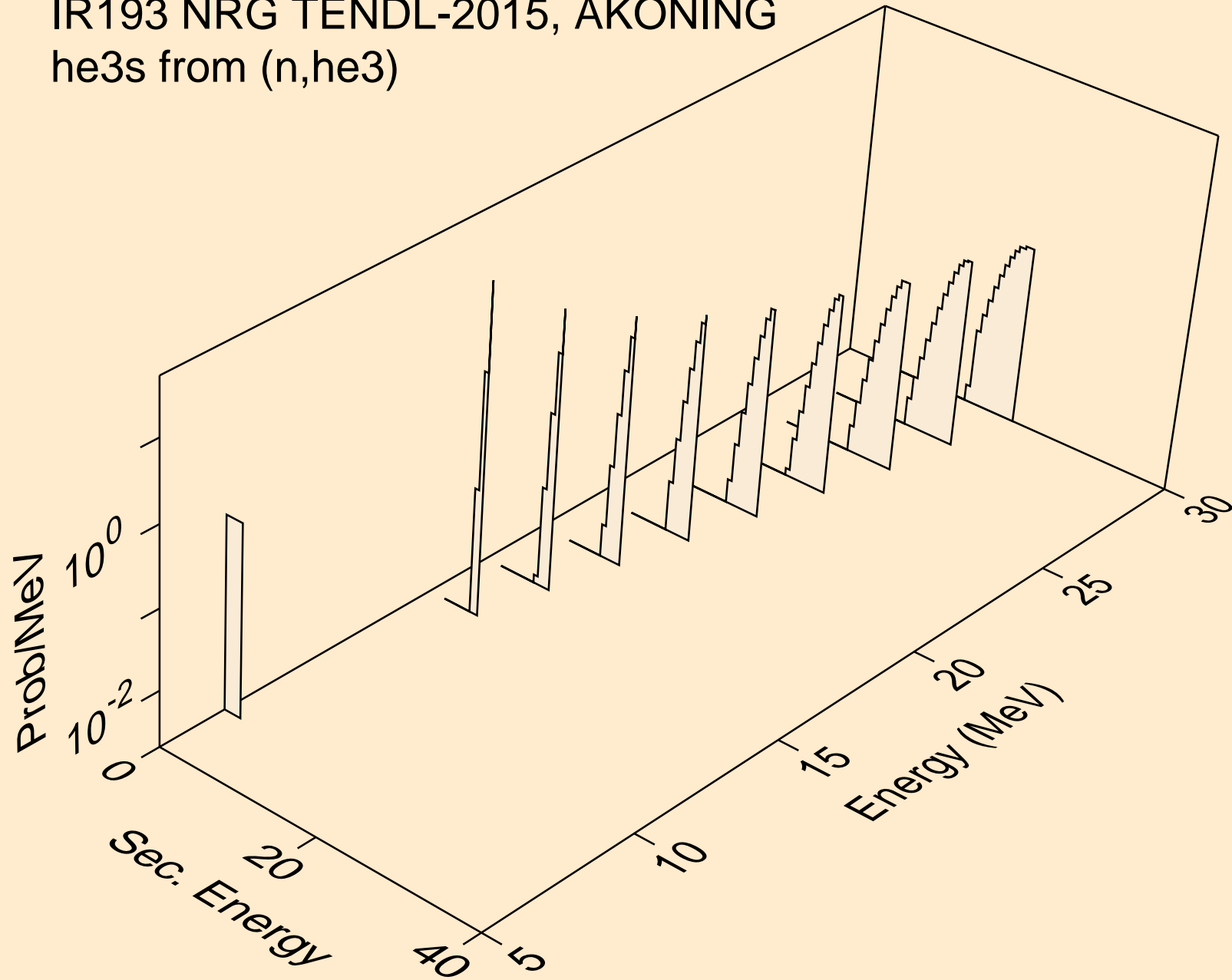




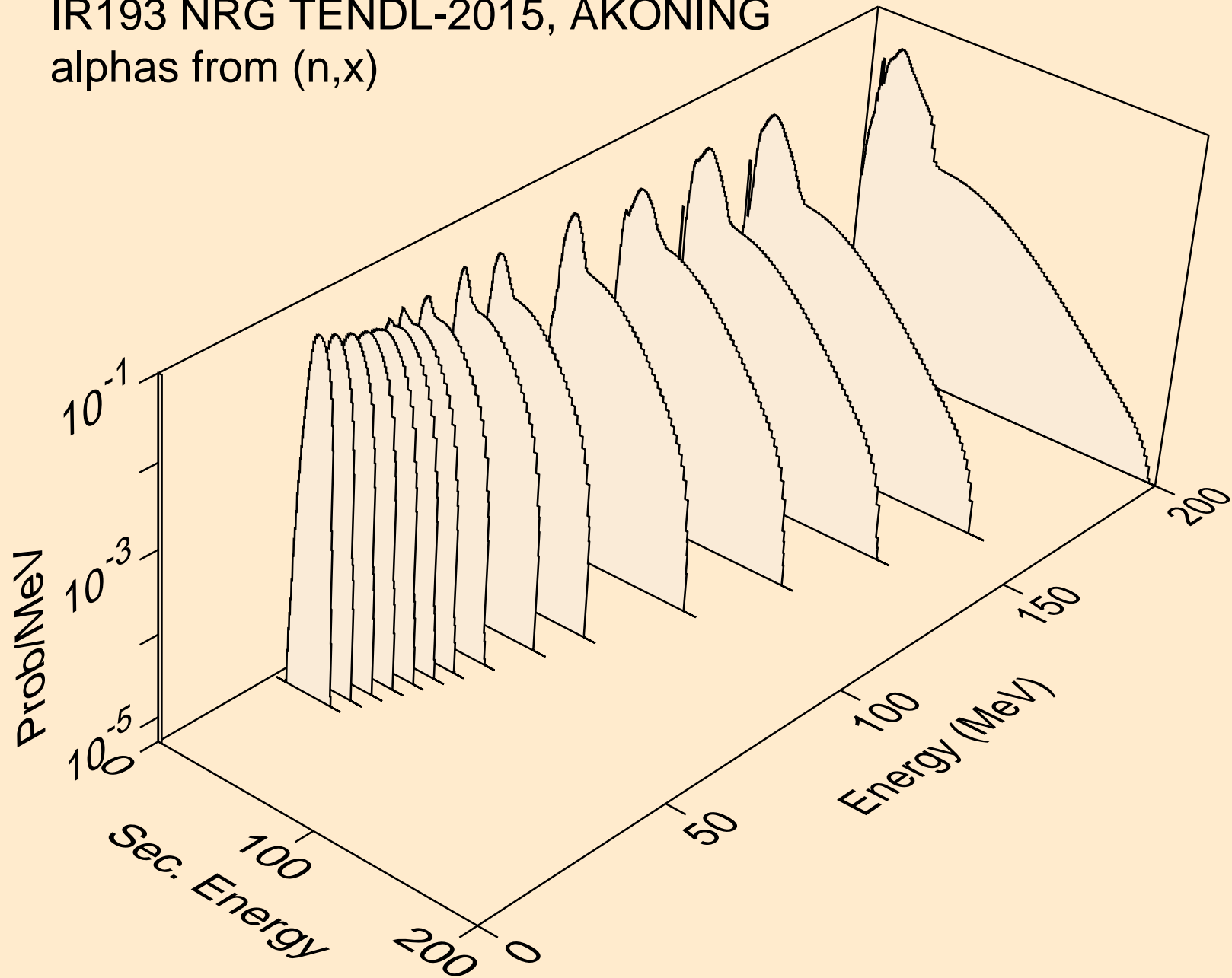
IR193 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



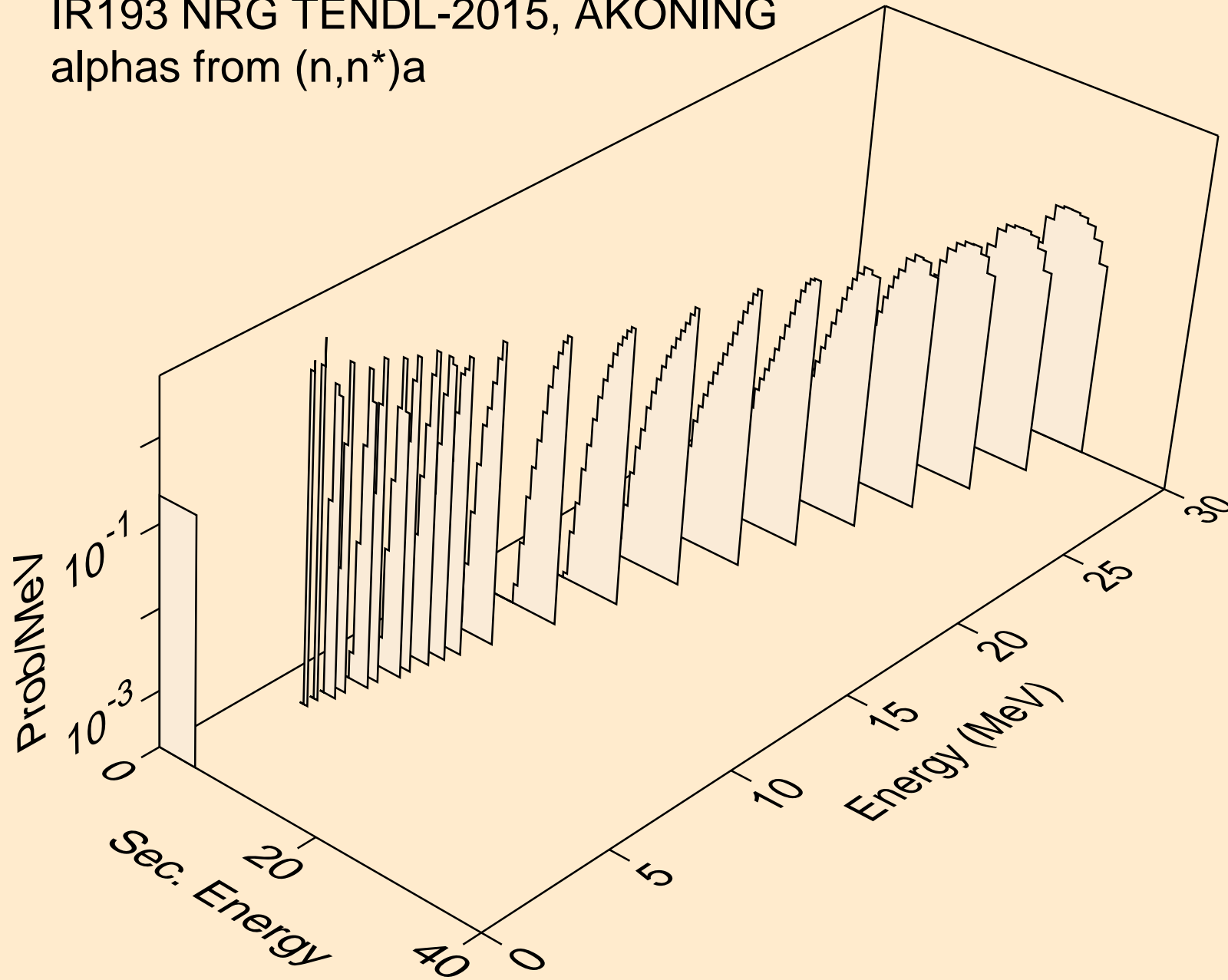
IR193 NRG TENDL-2015, AKONING  
he3s from (n,he3)



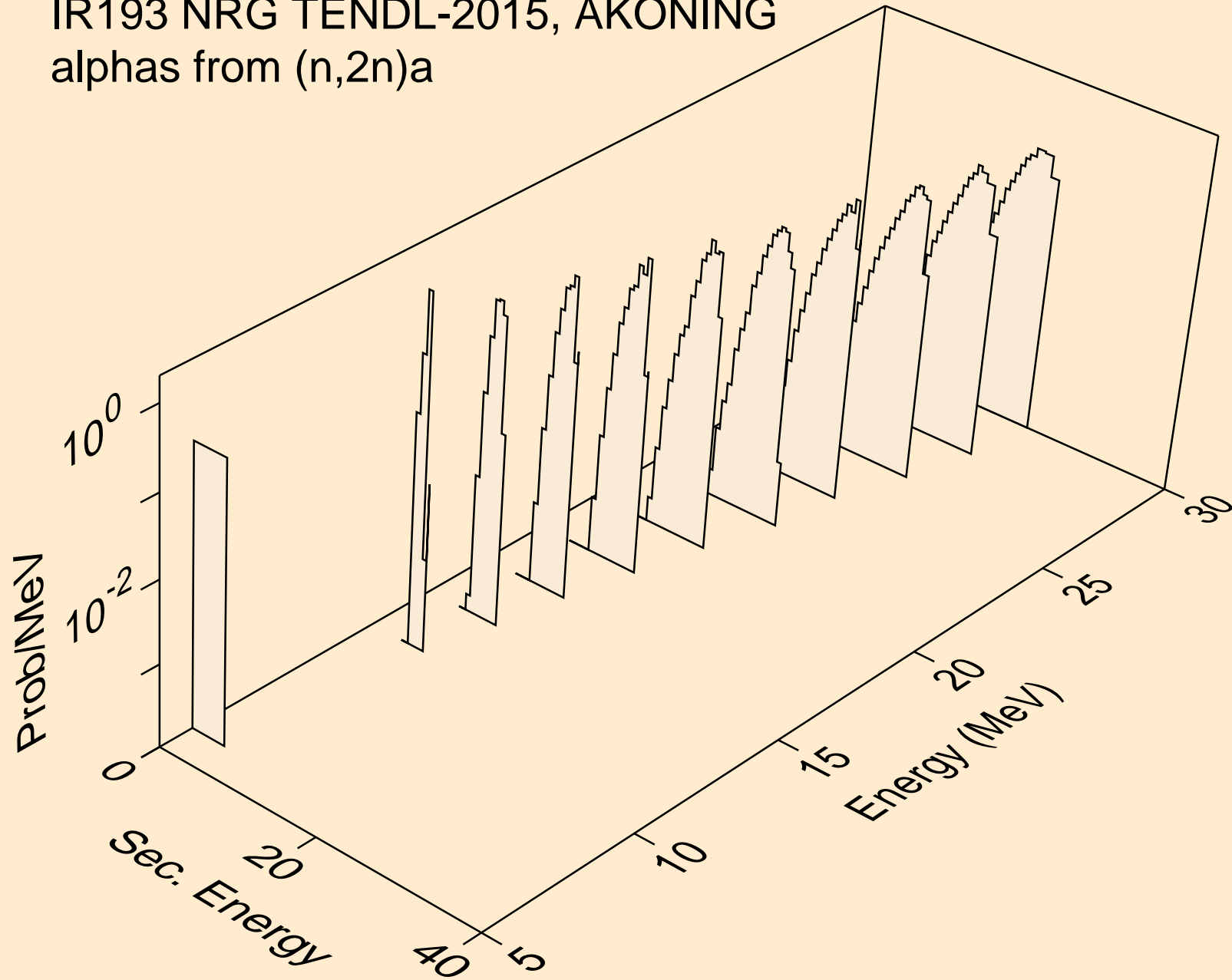
IR193 NRG TENDL-2015, AKONING  
alphas from (n,x)



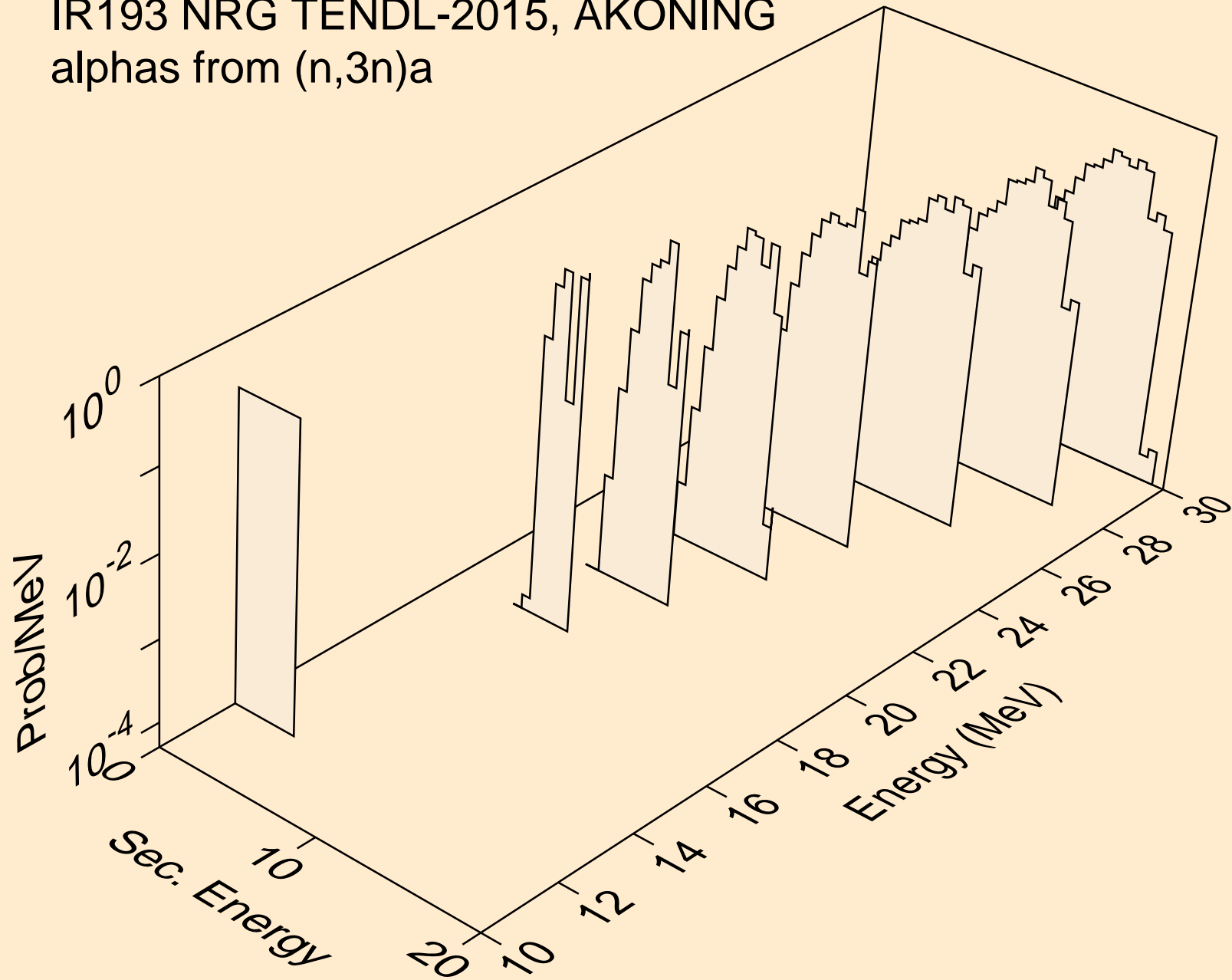
IR193 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



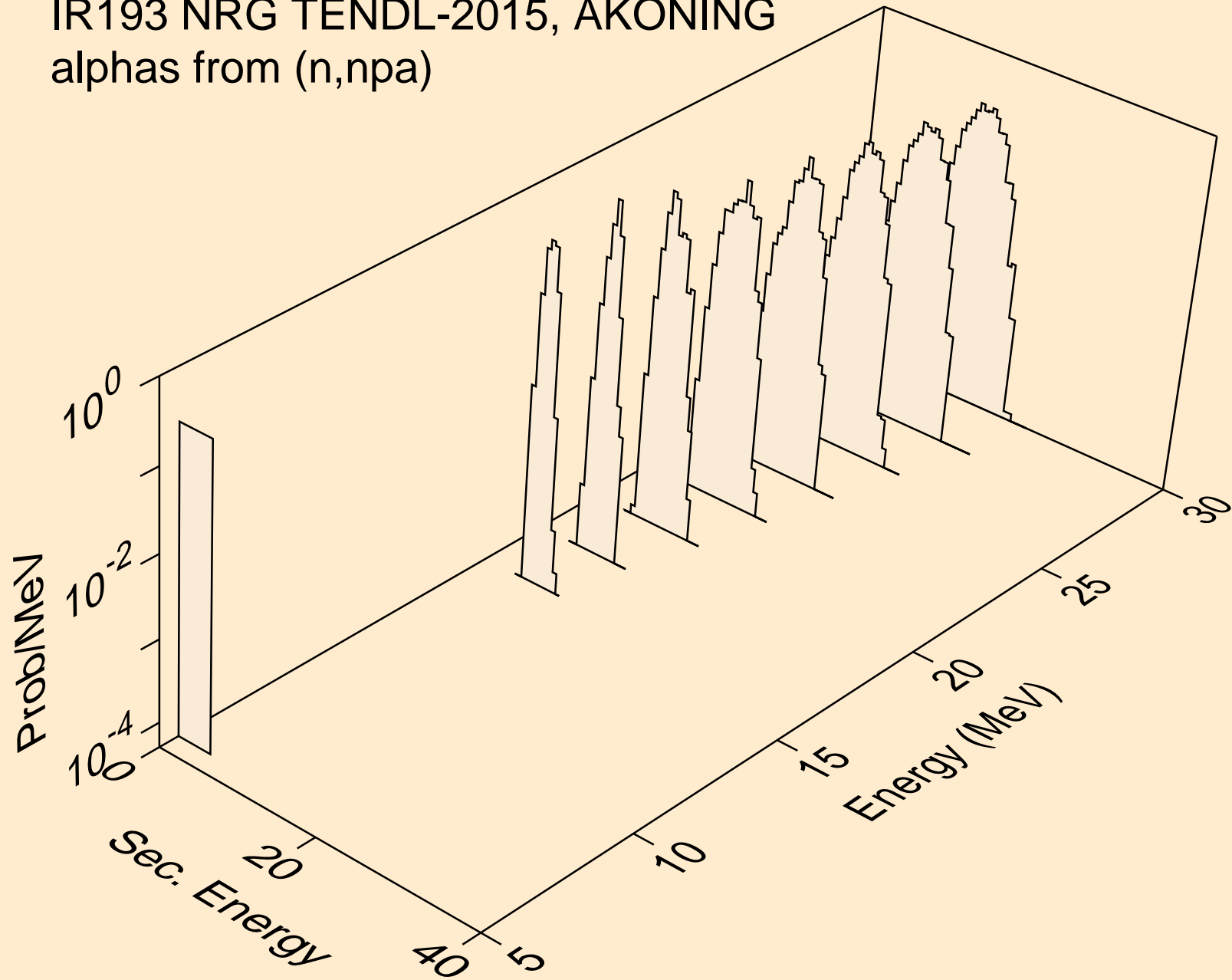
IR193 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



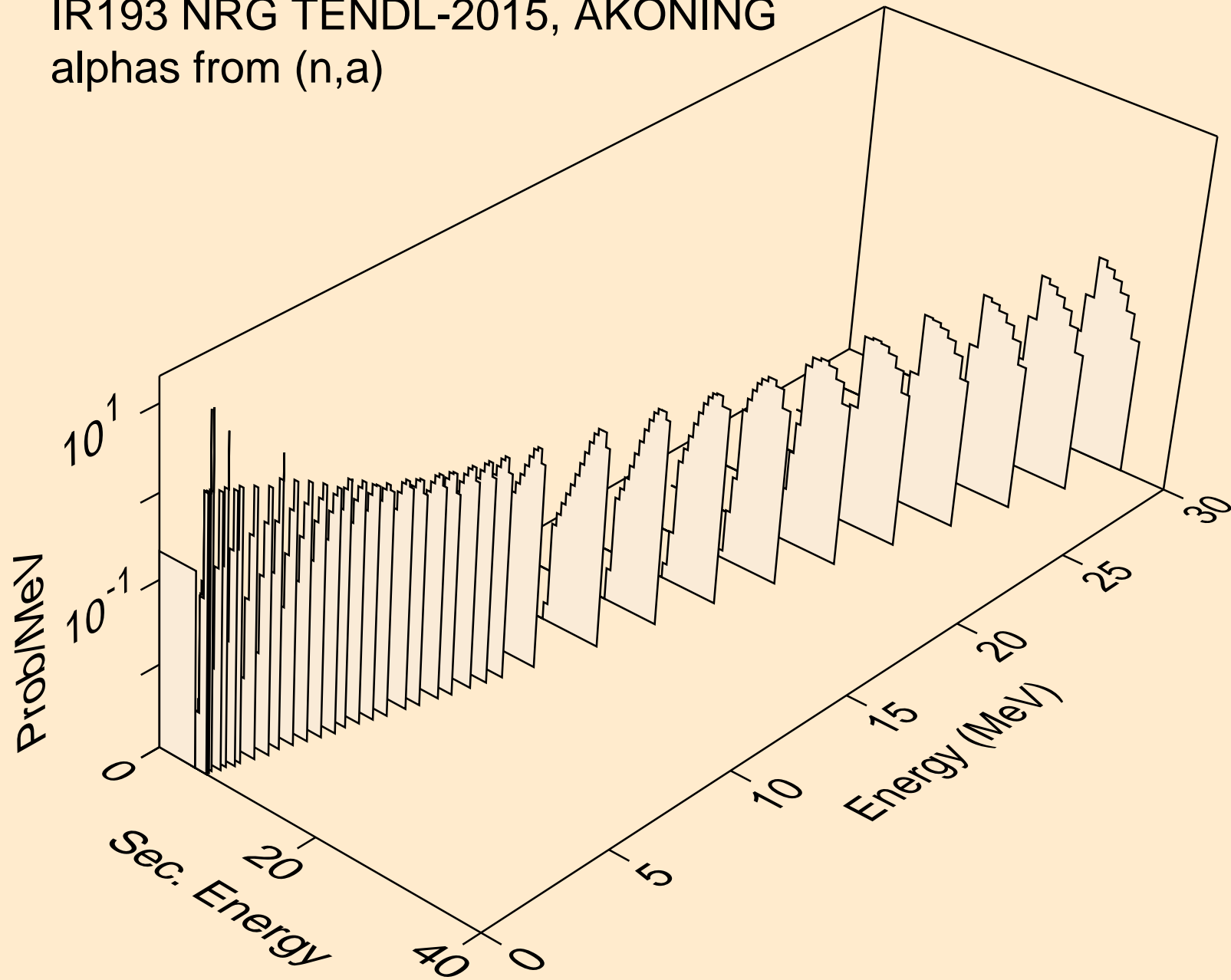
IR193 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



IR193 NRG TENDL-2015, AKONING  
alphas from (n,npa)

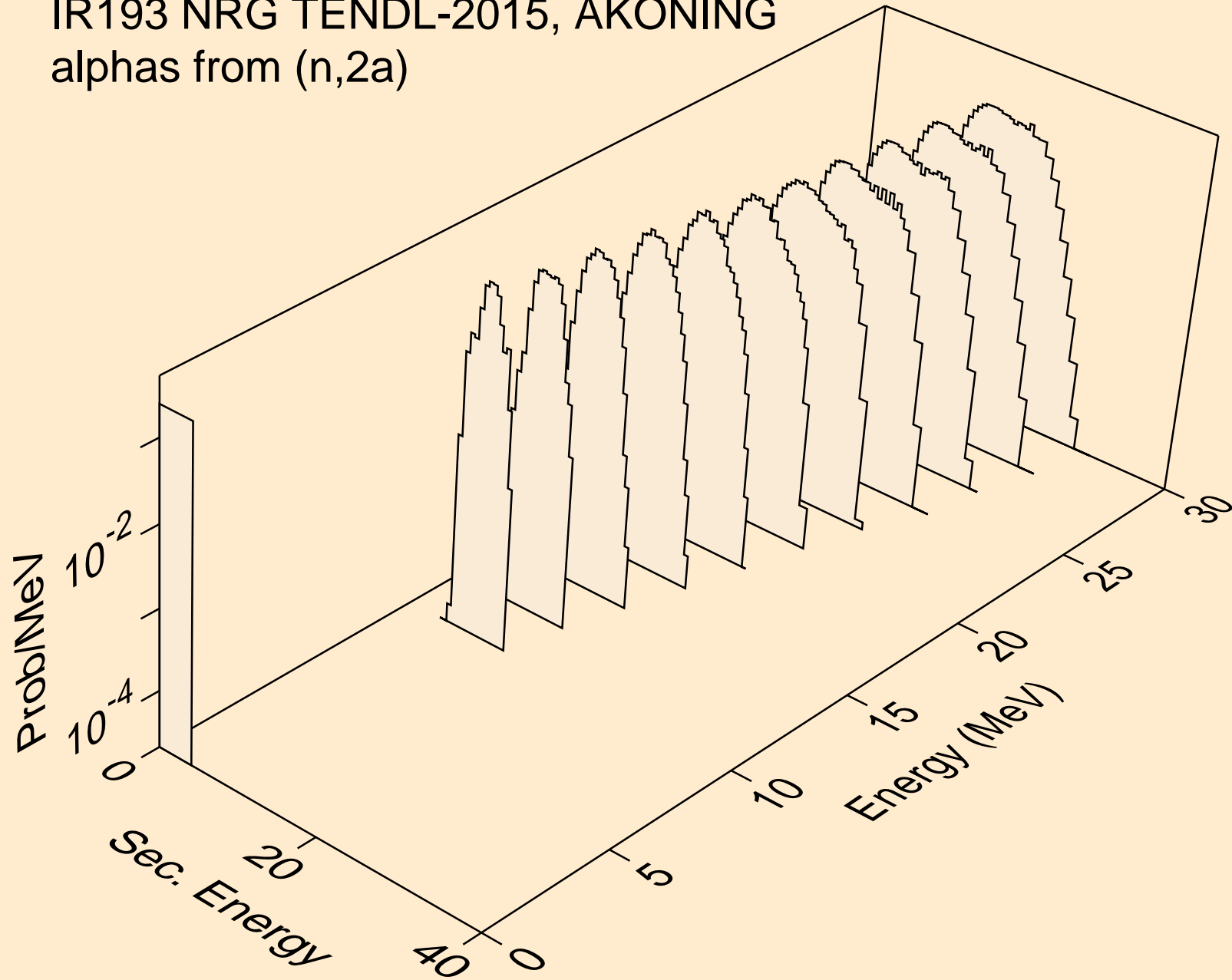


IR193 NRG TENDL-2015, AKONING  
alphas from (n,a)





IR193 NRG TENDL-2015, AKONING  
alphas from (n,2a)



IR193 NRG TENDL-2015, AKONING  
alphas from (n,pa)

