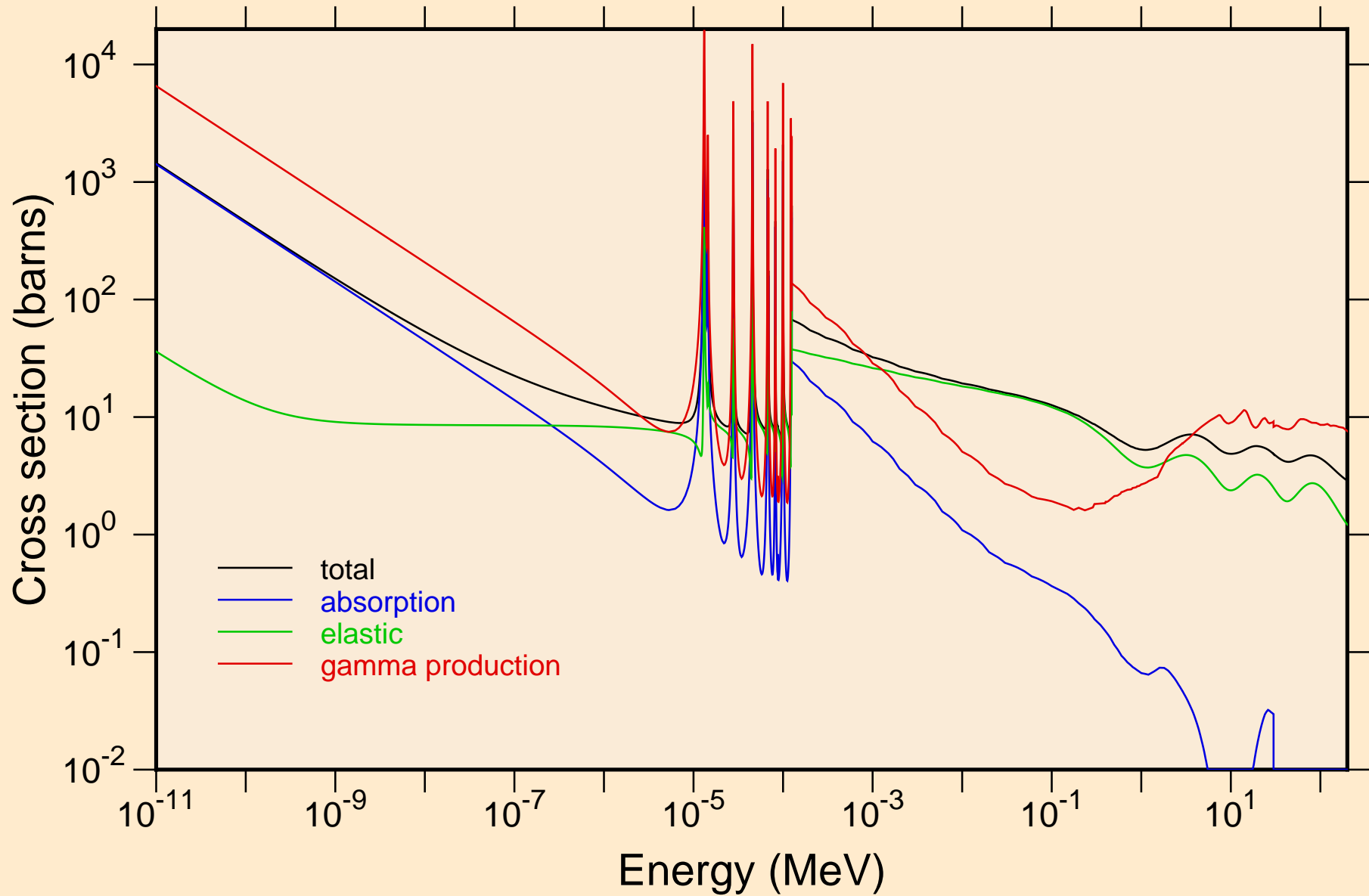
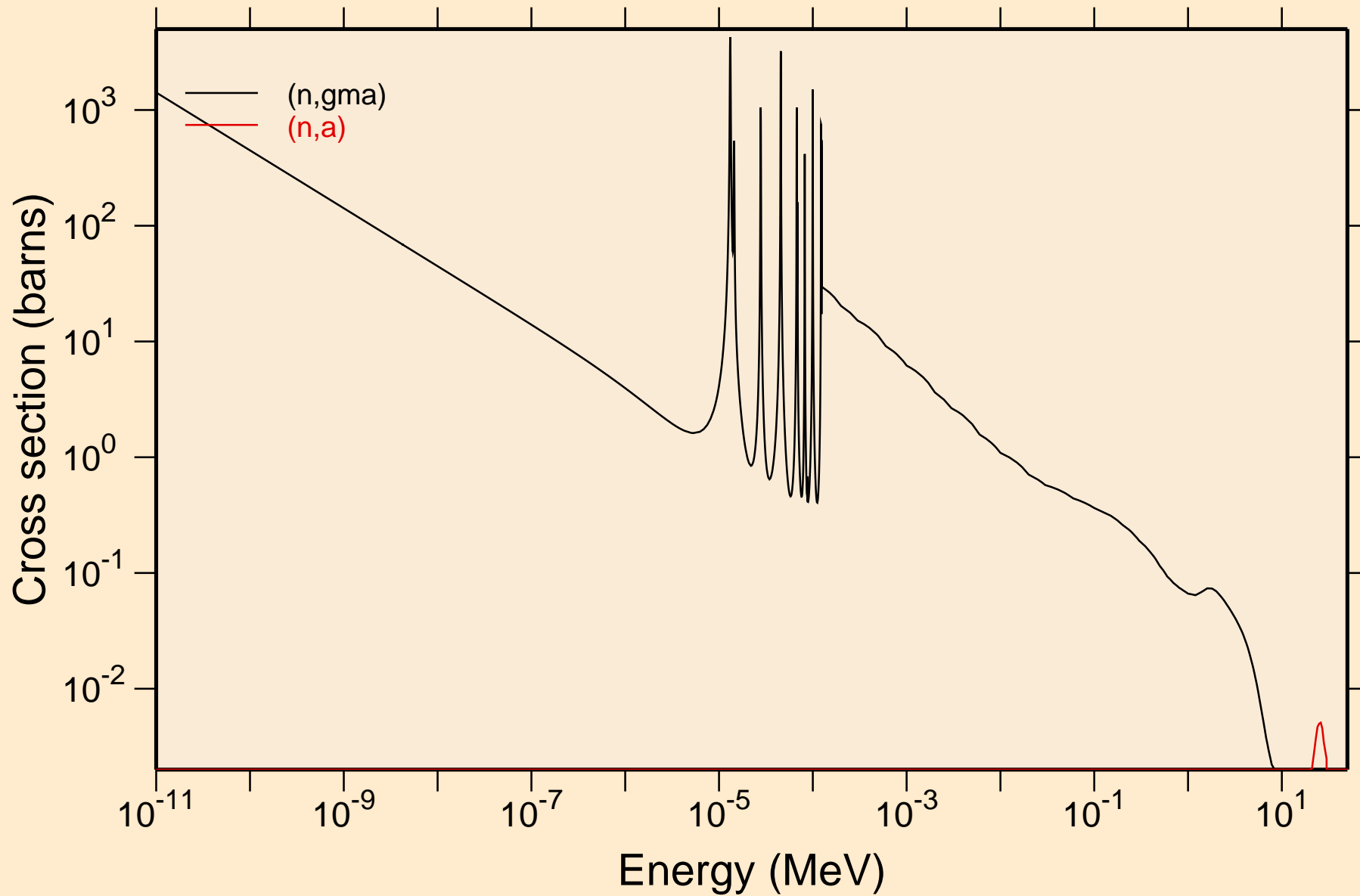


# IR195 NRG TENDL-2015, AKONING

## Principal cross sections

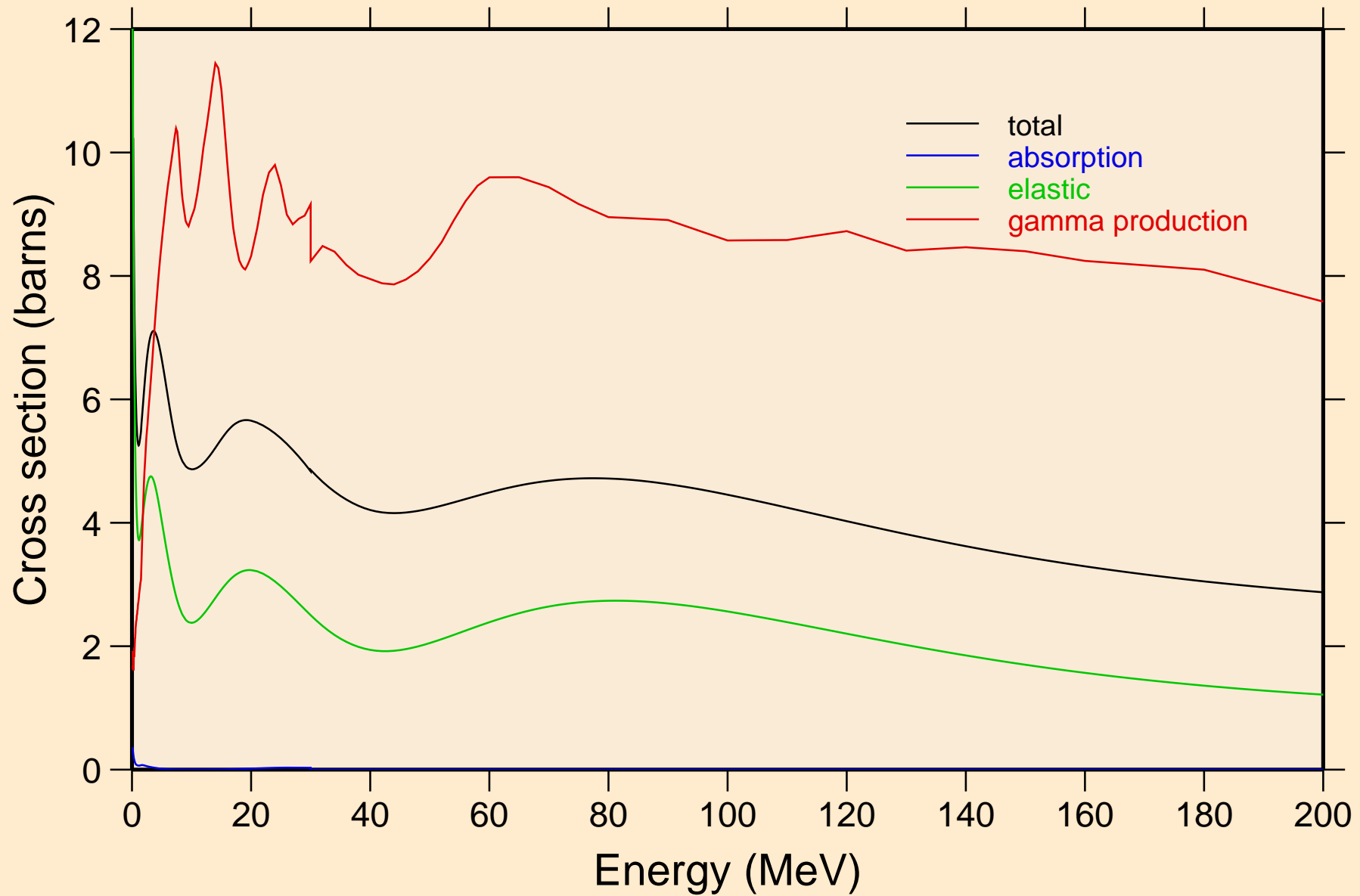


IR195 NRG TENDL-2015, AKONING  
Non-threshold reactions



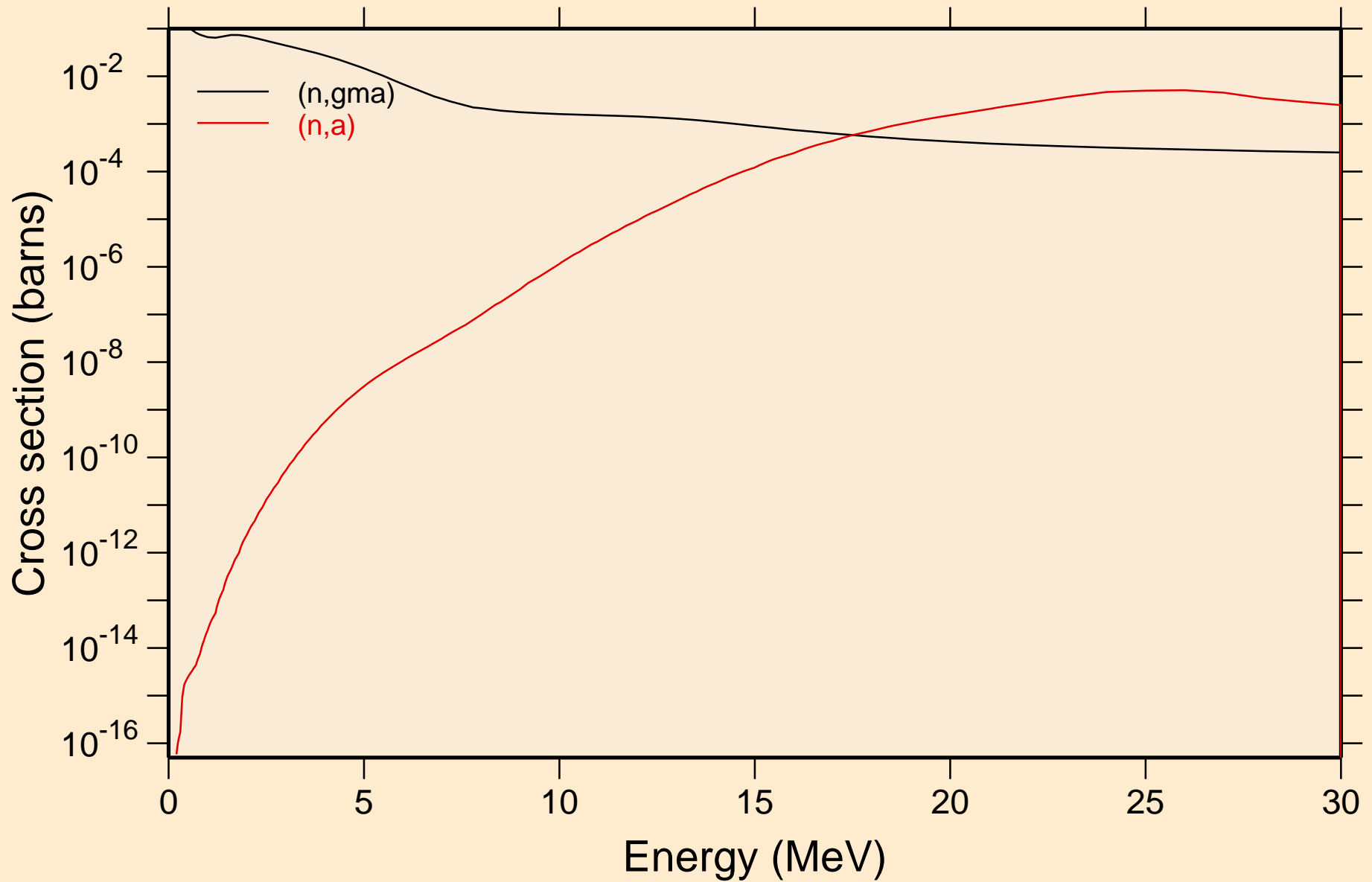
# IR195 NRG TENDL-2015, AKONING

## Principal cross sections



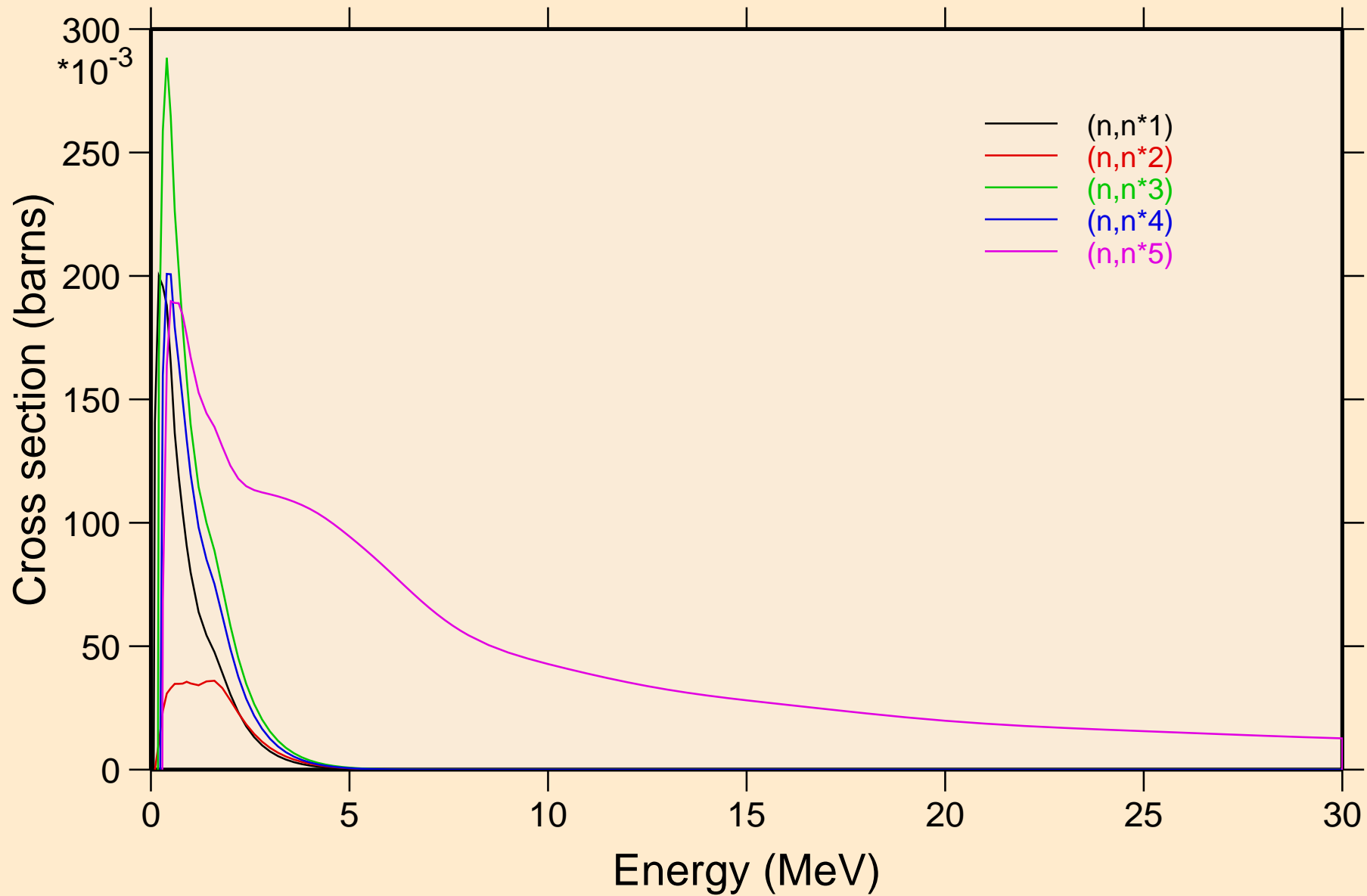
# IR195 NRG TENDL-2015, AKONING

## Non-threshold reactions



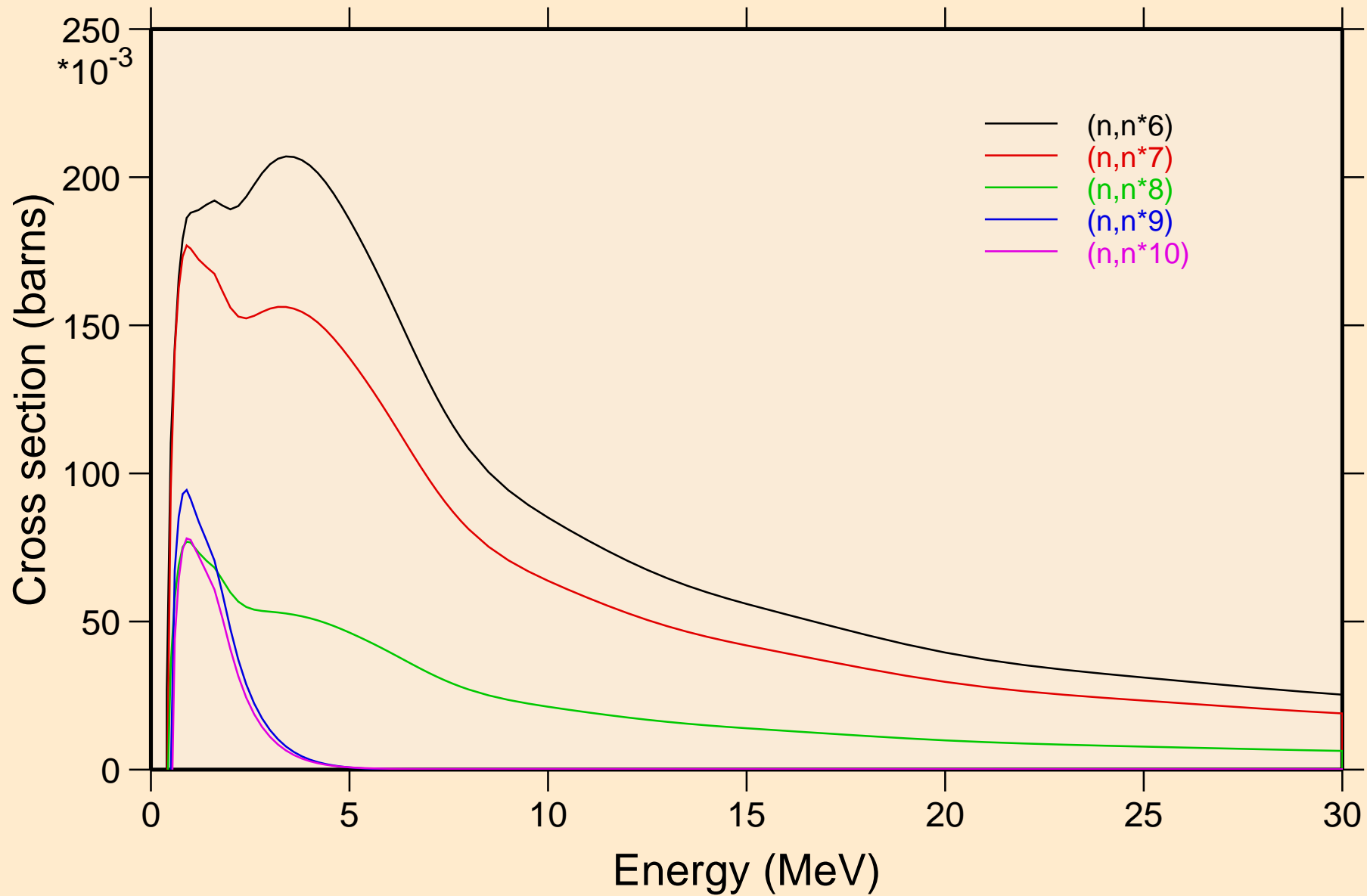
# IR195 NRG TENDL-2015, AKONING

## Inelastic levels



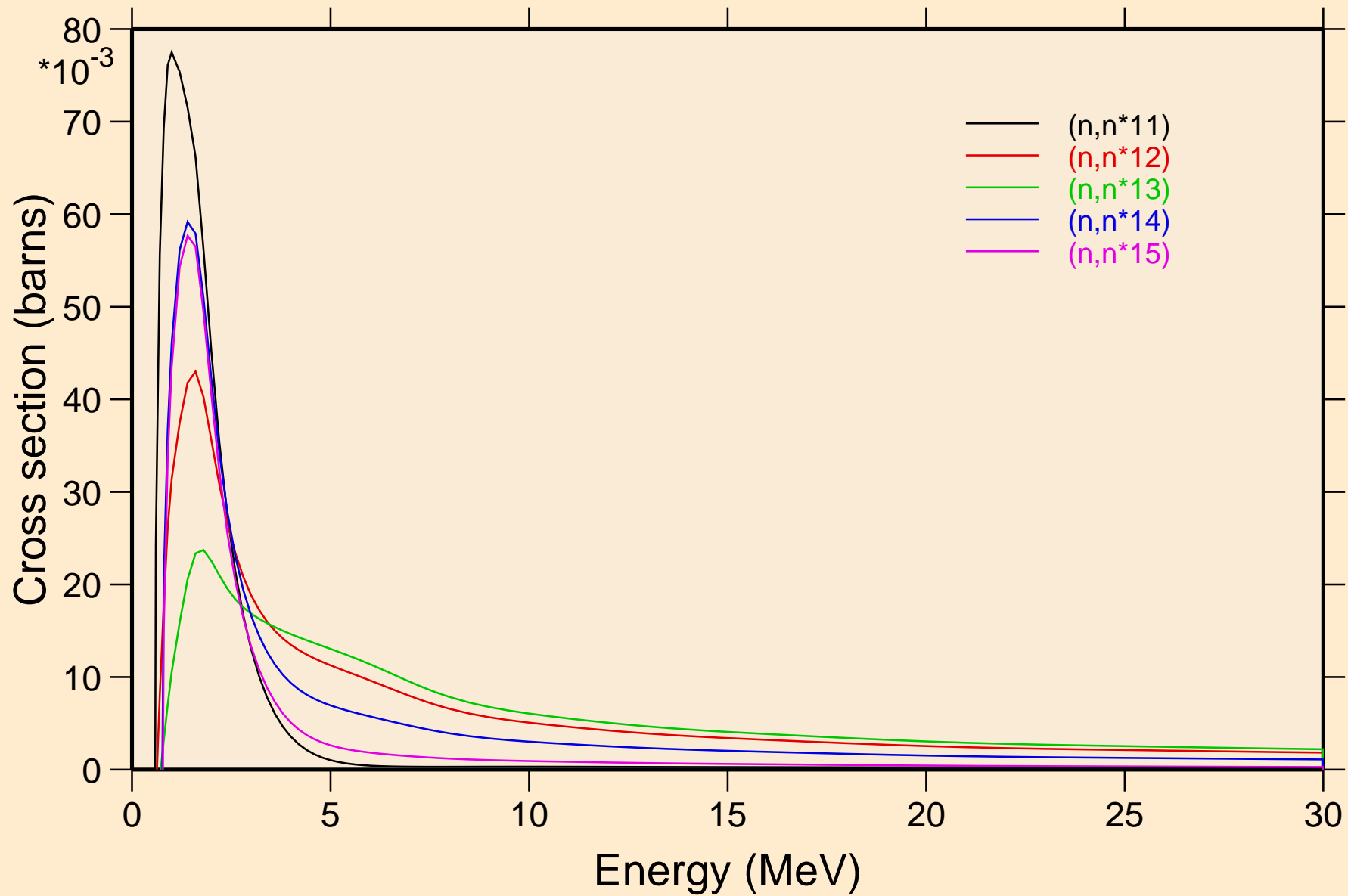
# IR195 NRG TENDL-2015, AKONING

## Inelastic levels



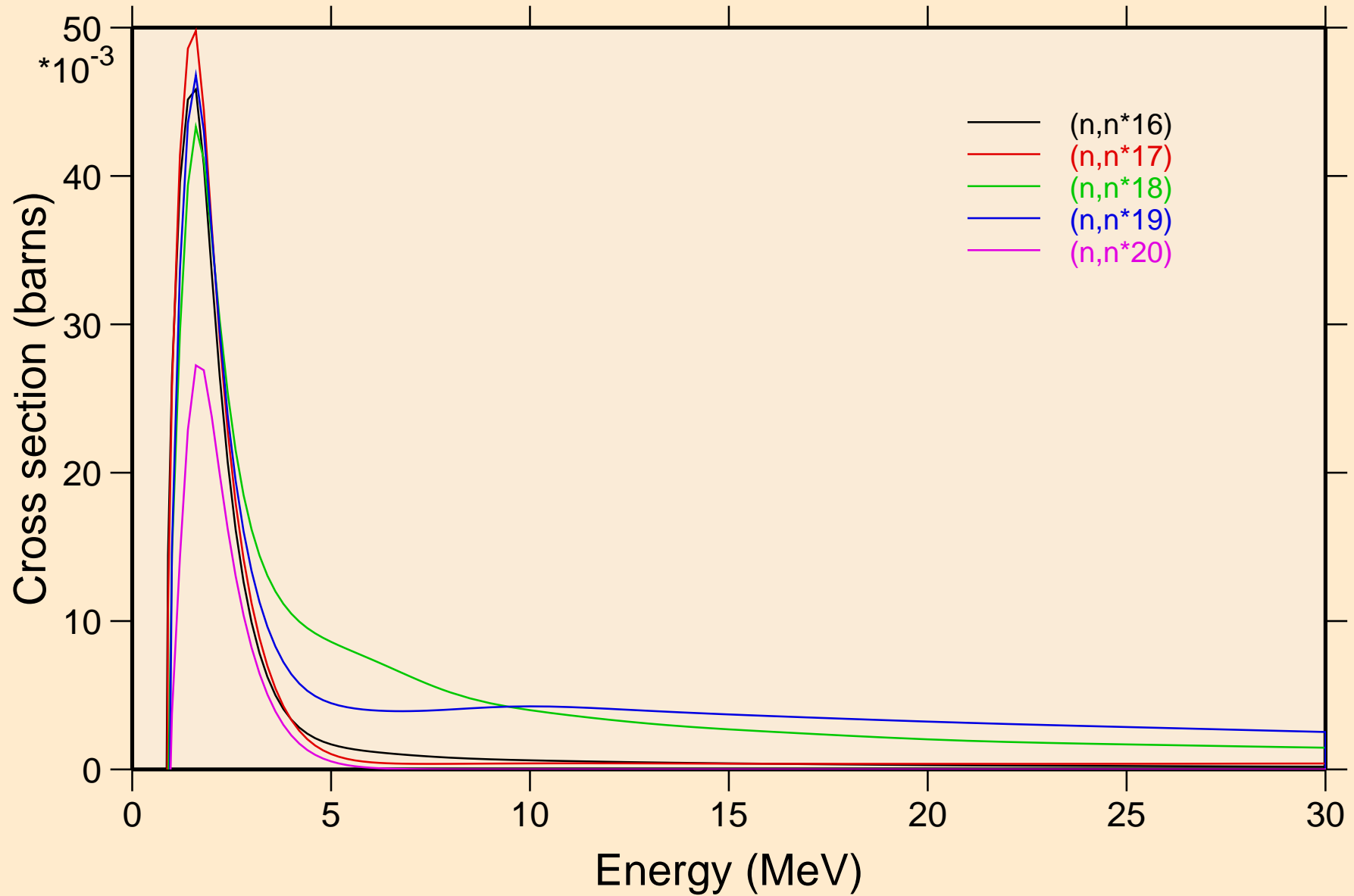
# IR195 NRG TENDL-2015, AKONING

## Inelastic levels



# IR195 NRG TENDL-2015, AKONING

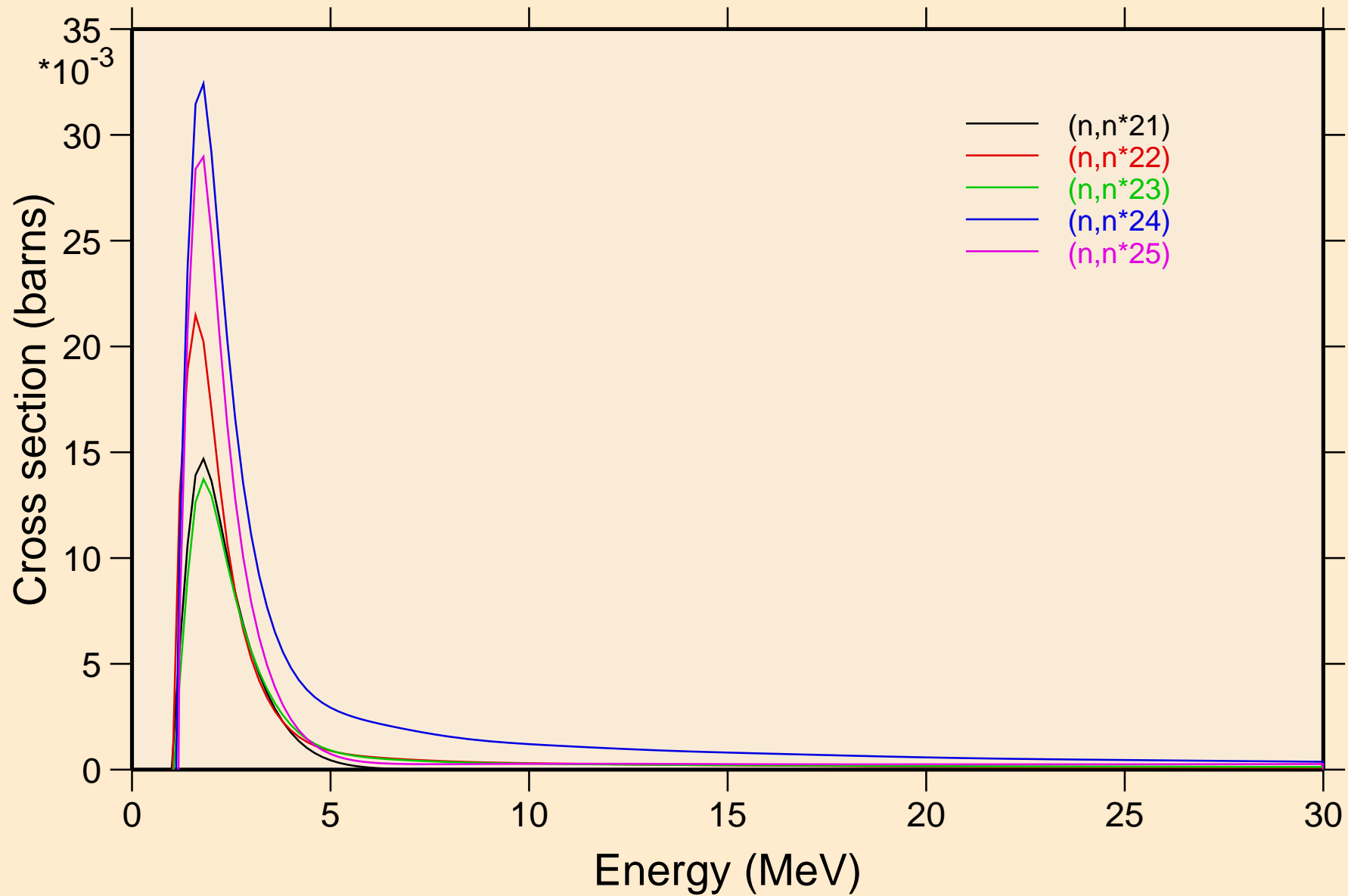
## Inelastic levels





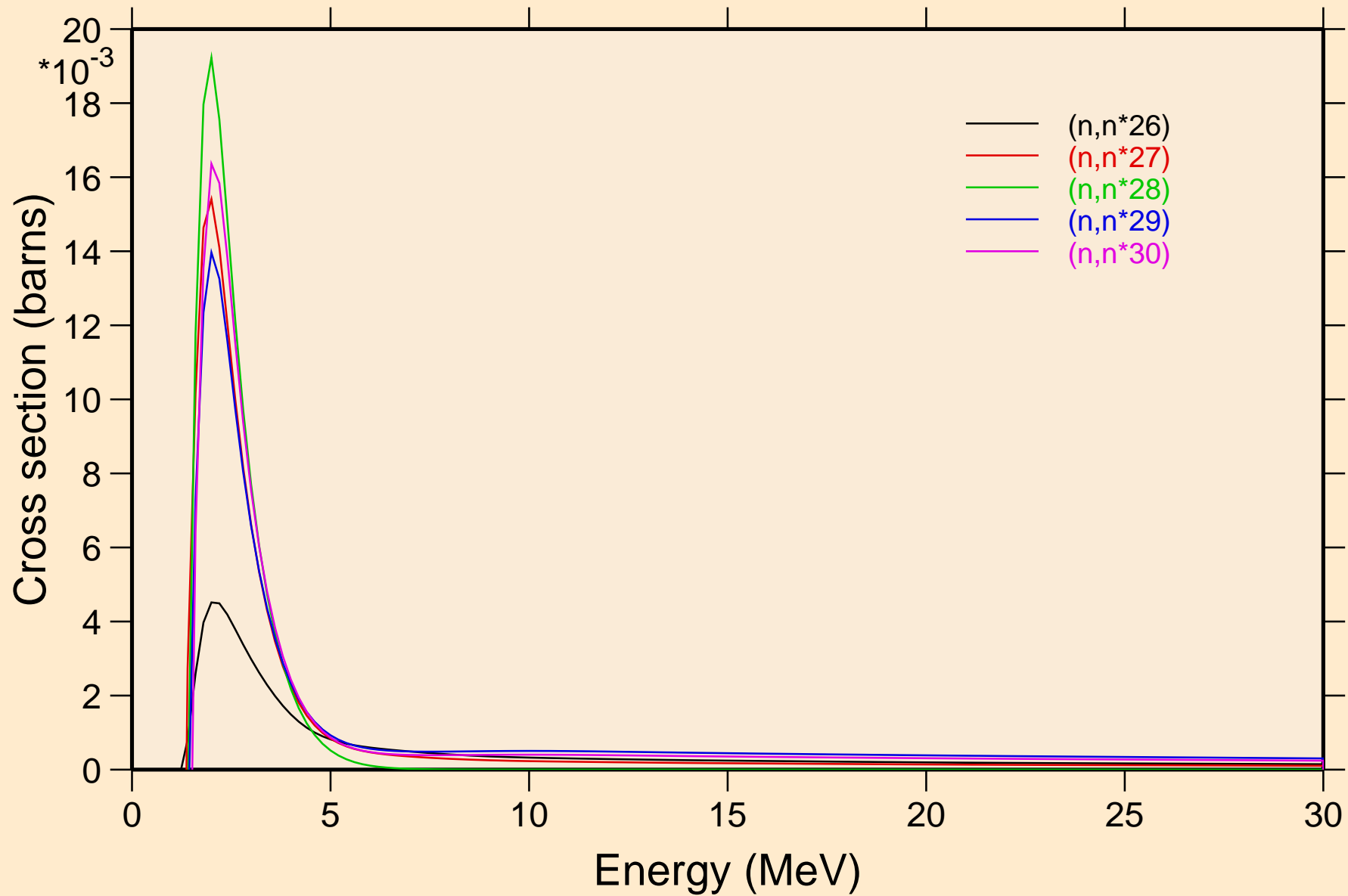
# IR195 NRG TENDL-2015, AKONING

## Inelastic levels



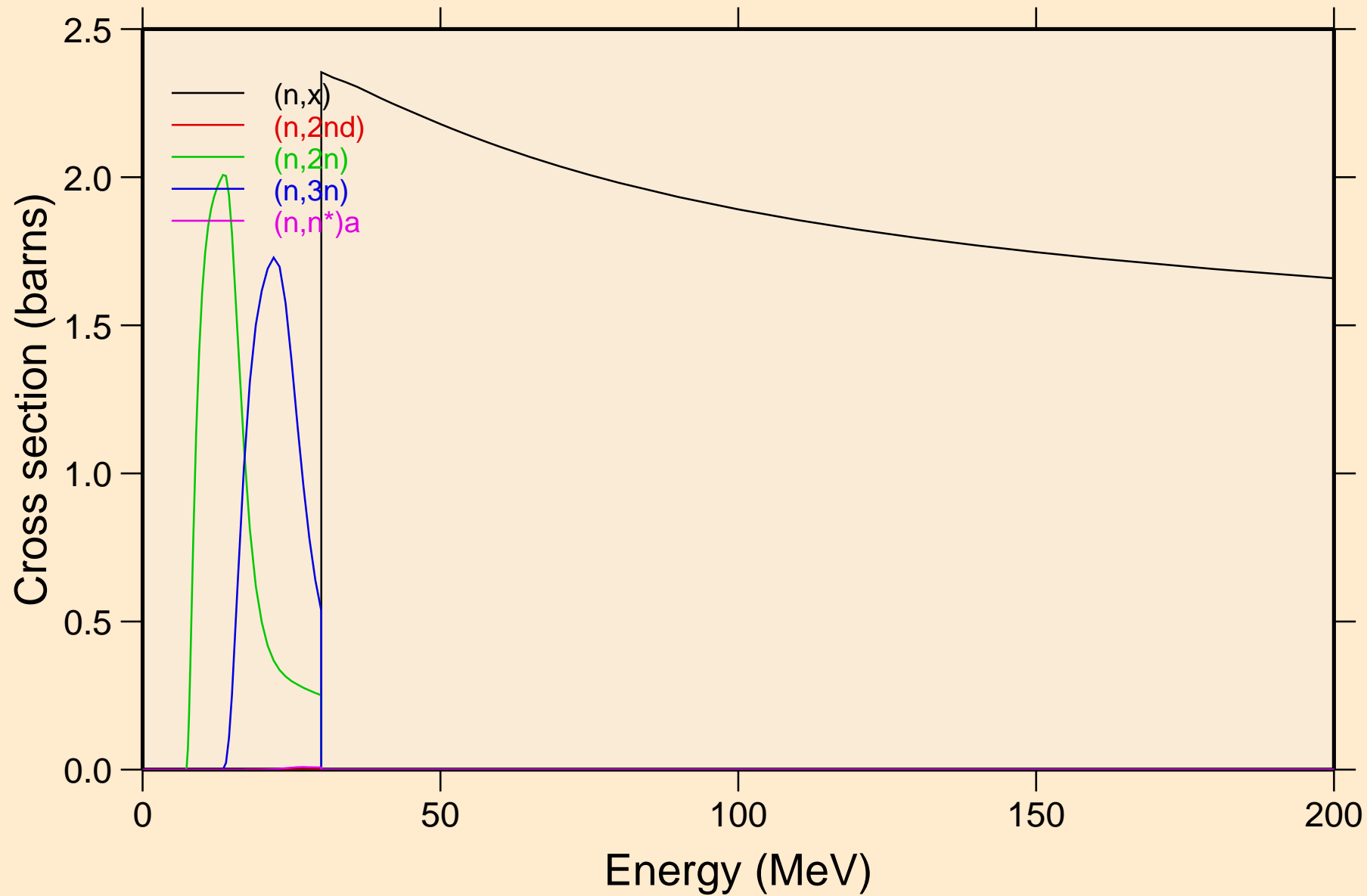
# IR195 NRG TENDL-2015, AKONING

## Inelastic levels



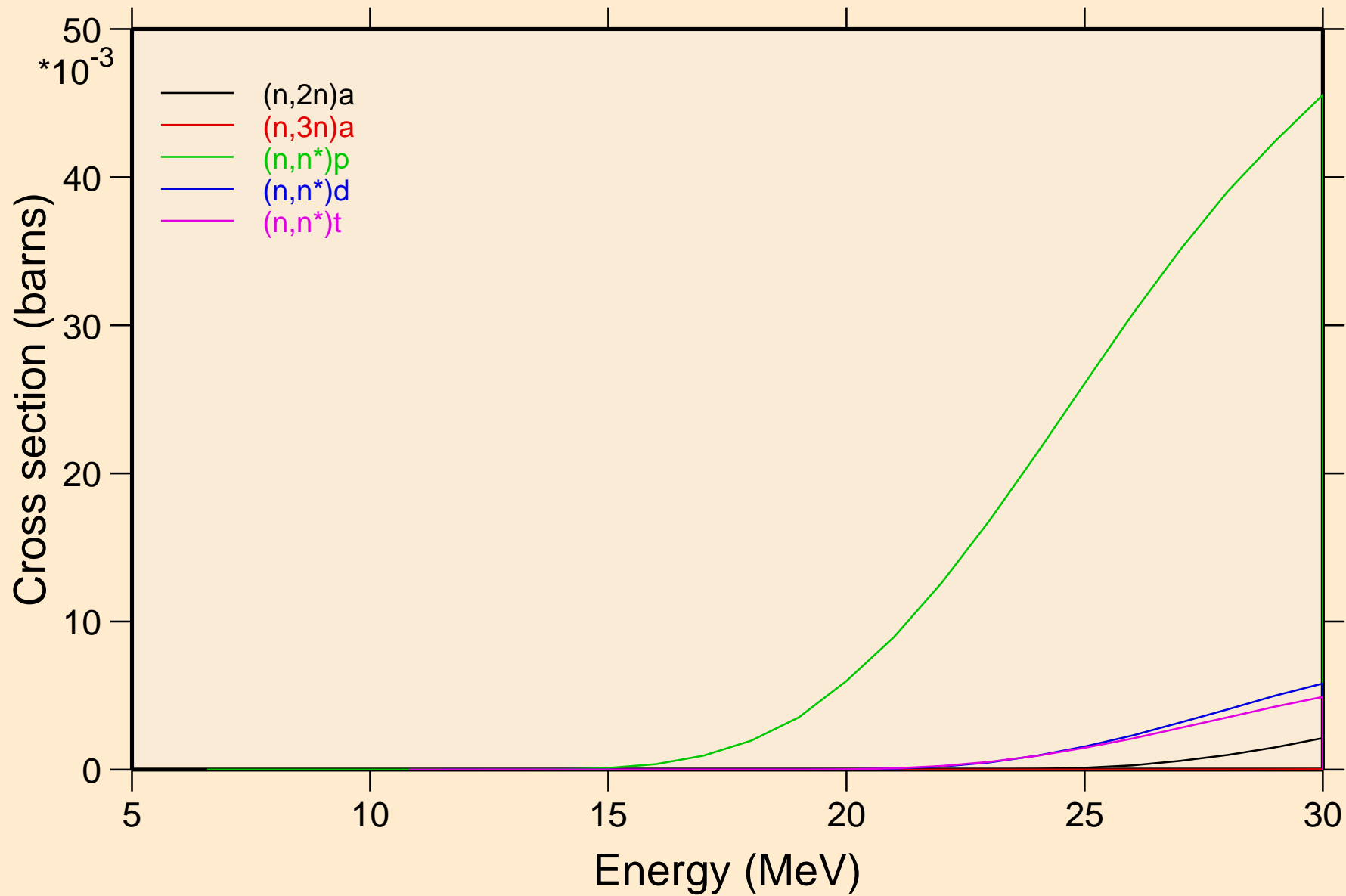
# IR195 NRG TENDL-2015, AKONING

## Threshold reactions



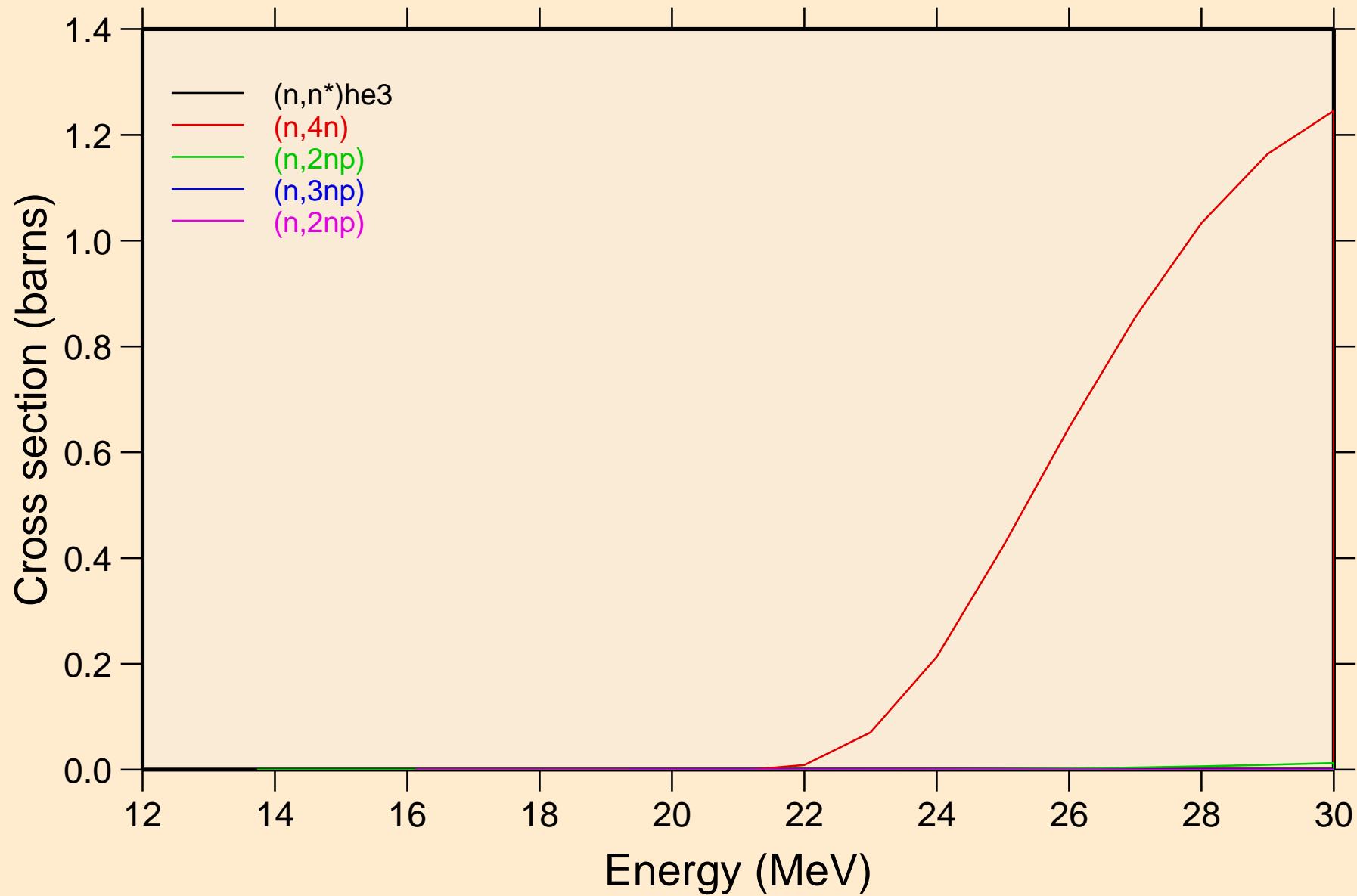
# IR195 NRG TENDL-2015, AKONING

## Threshold reactions



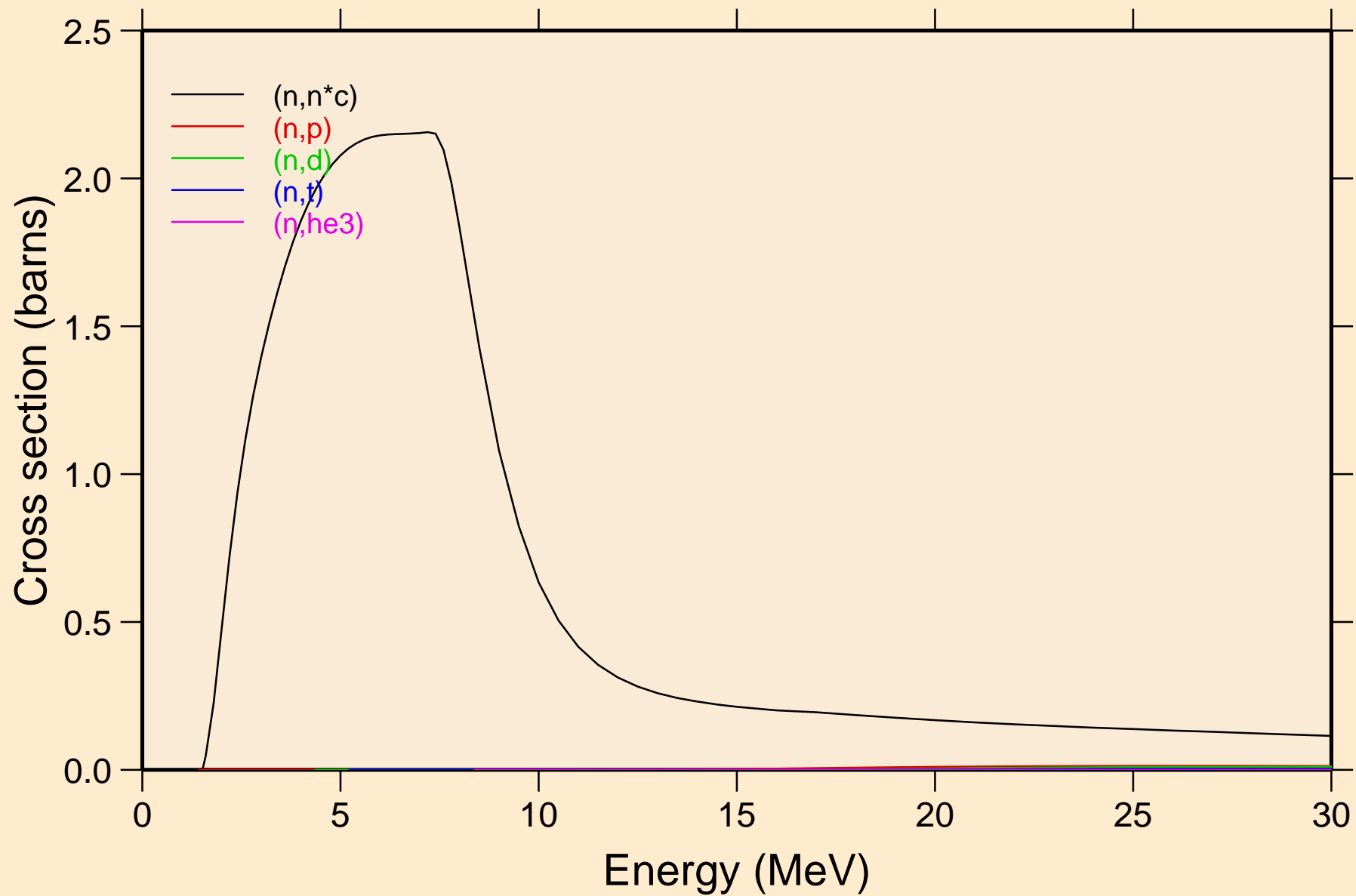
# IR195 NRG TENDL-2015, AKONING

## Threshold reactions



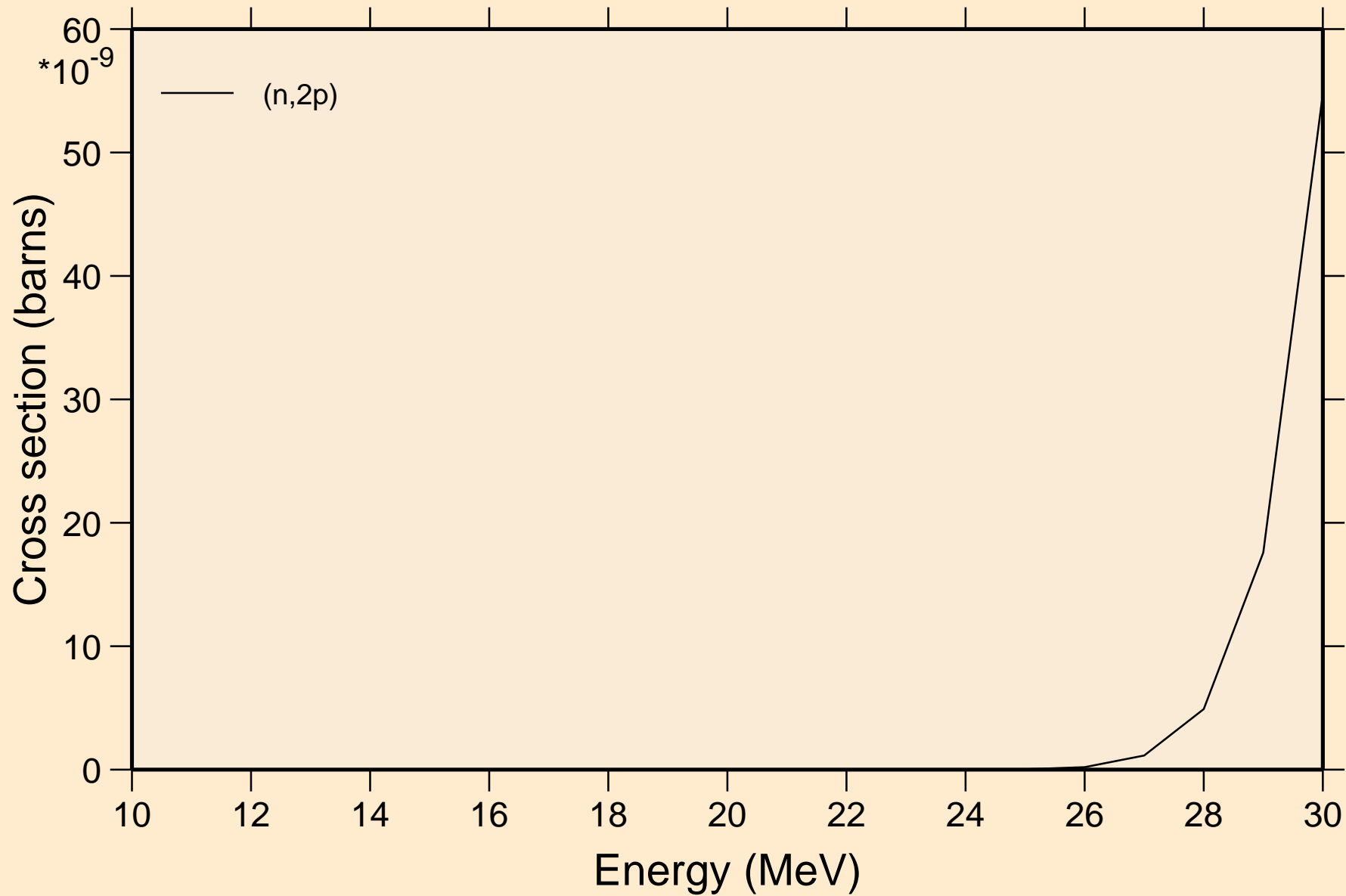
# IR195 NRG TENDL-2015, AKONING

## Threshold reactions

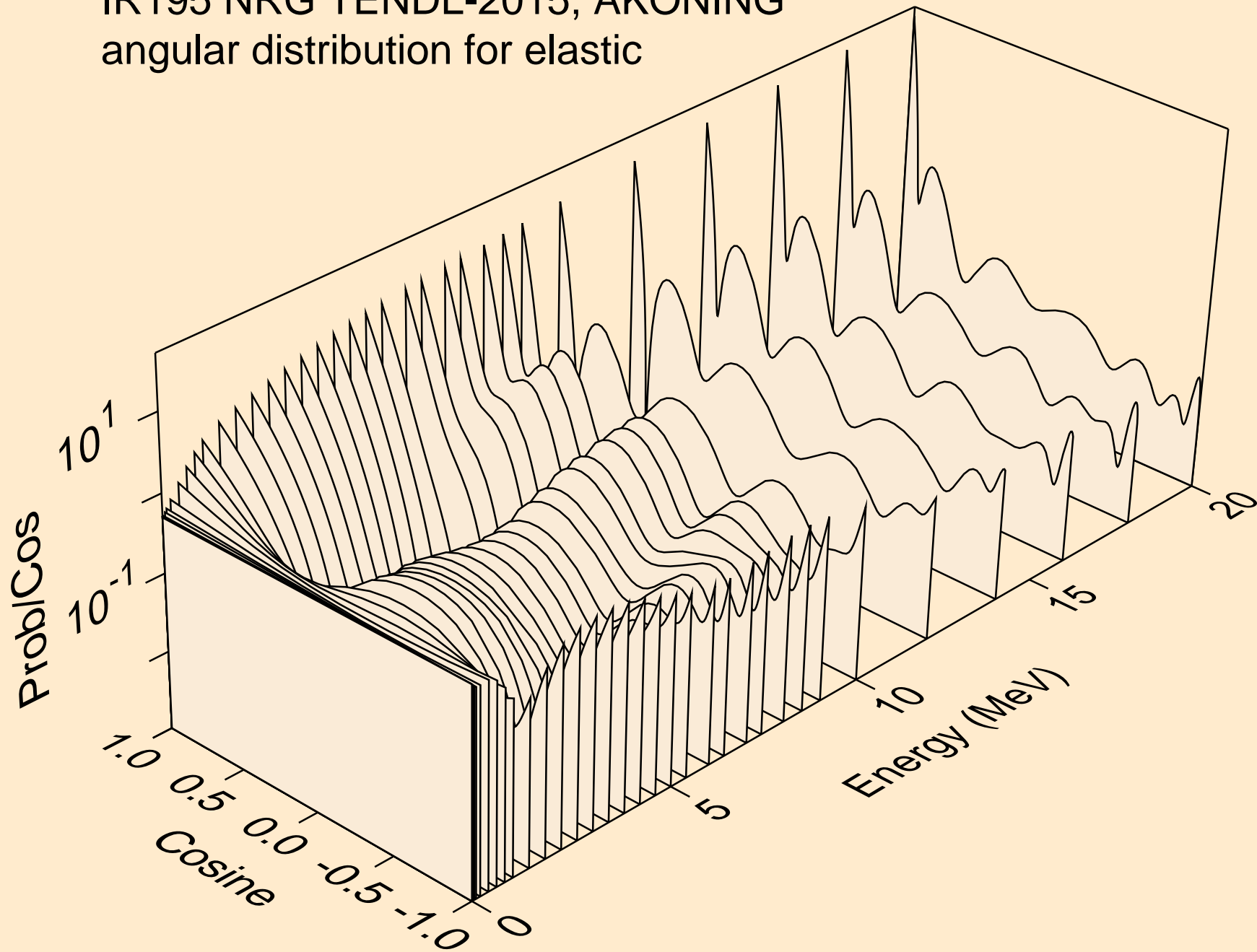


# IR195 NRG TENDL-2015, AKONING

## Threshold reactions

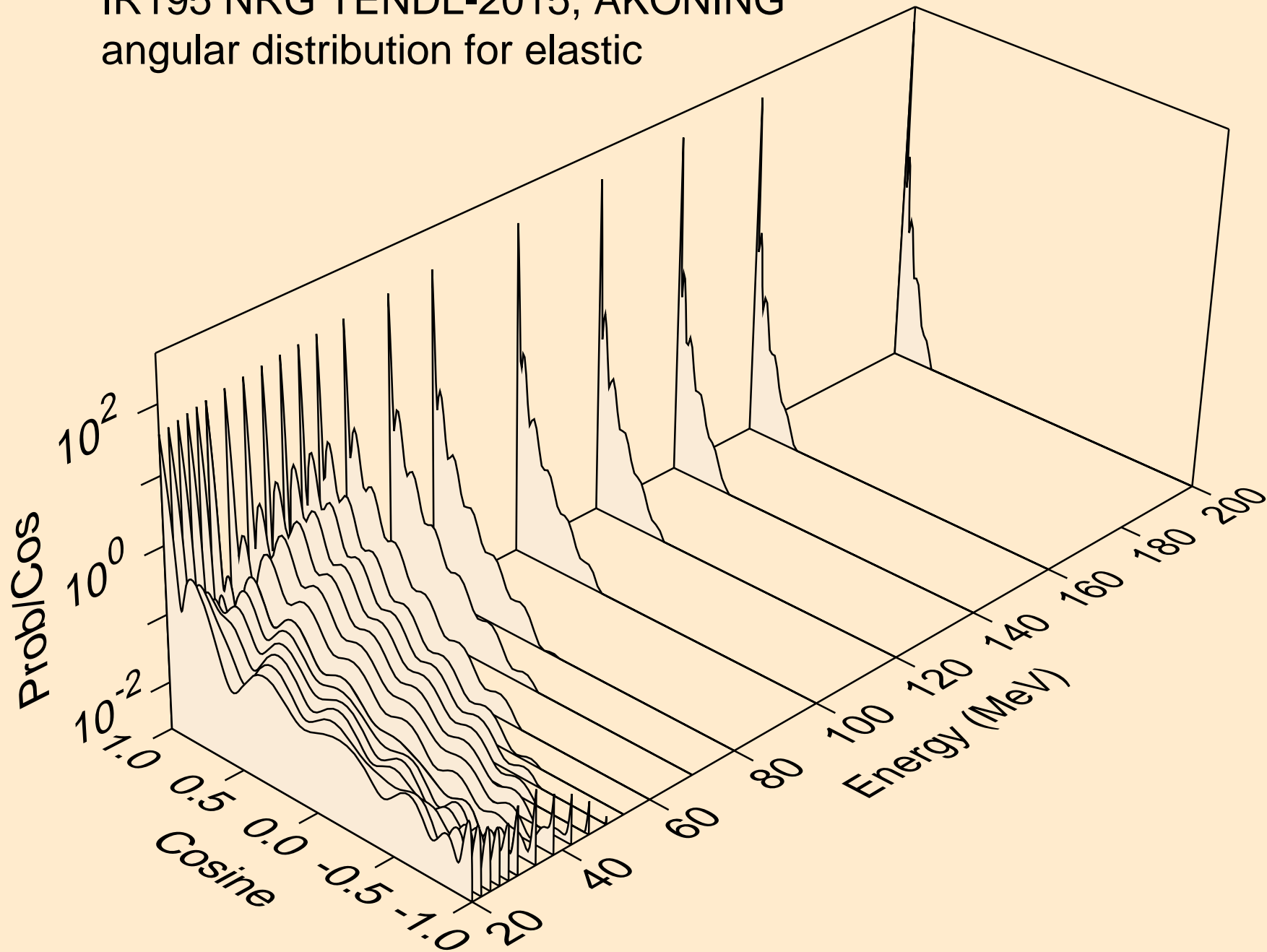


IR195 NRG TENDL-2015, AKONING  
angular distribution for elastic

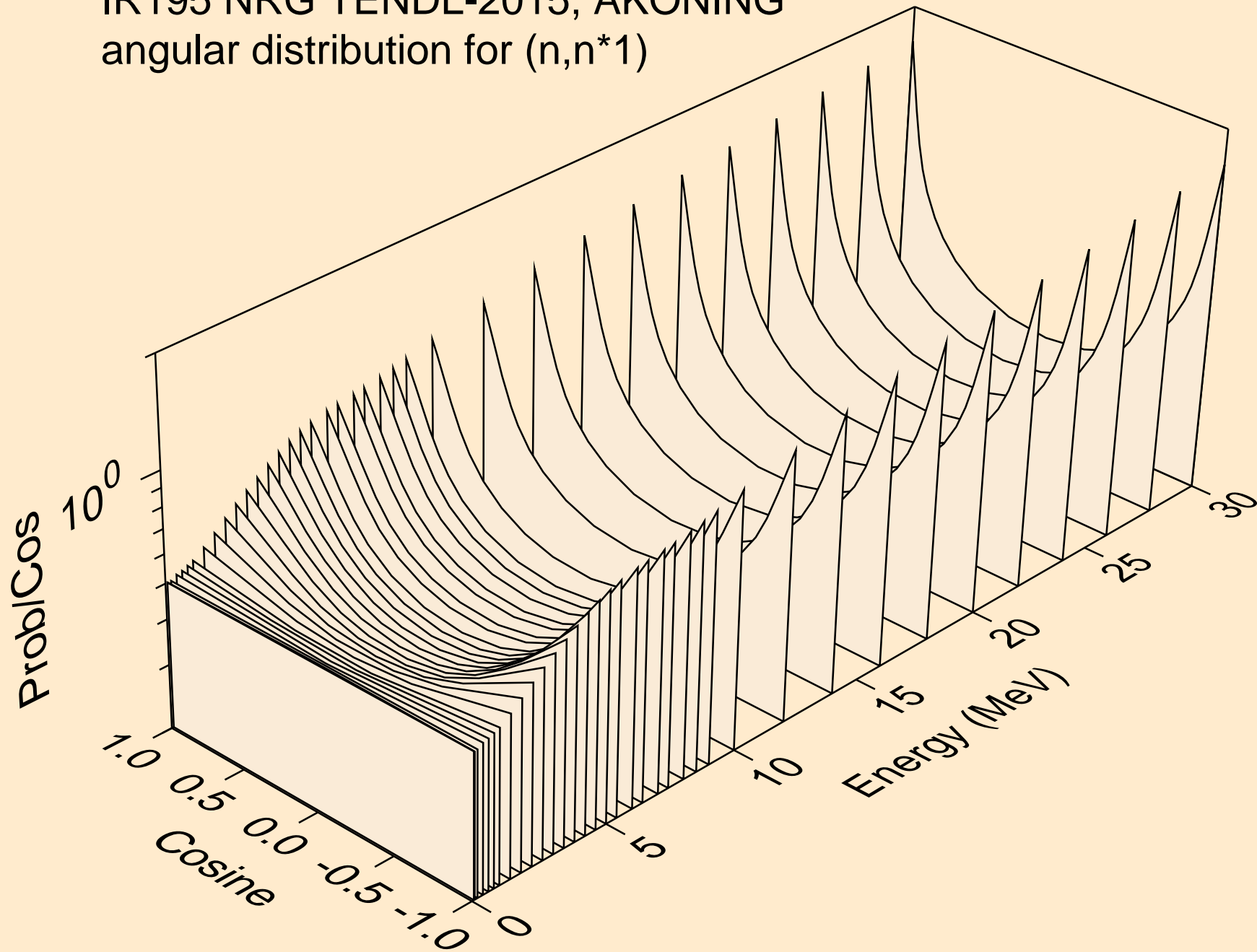




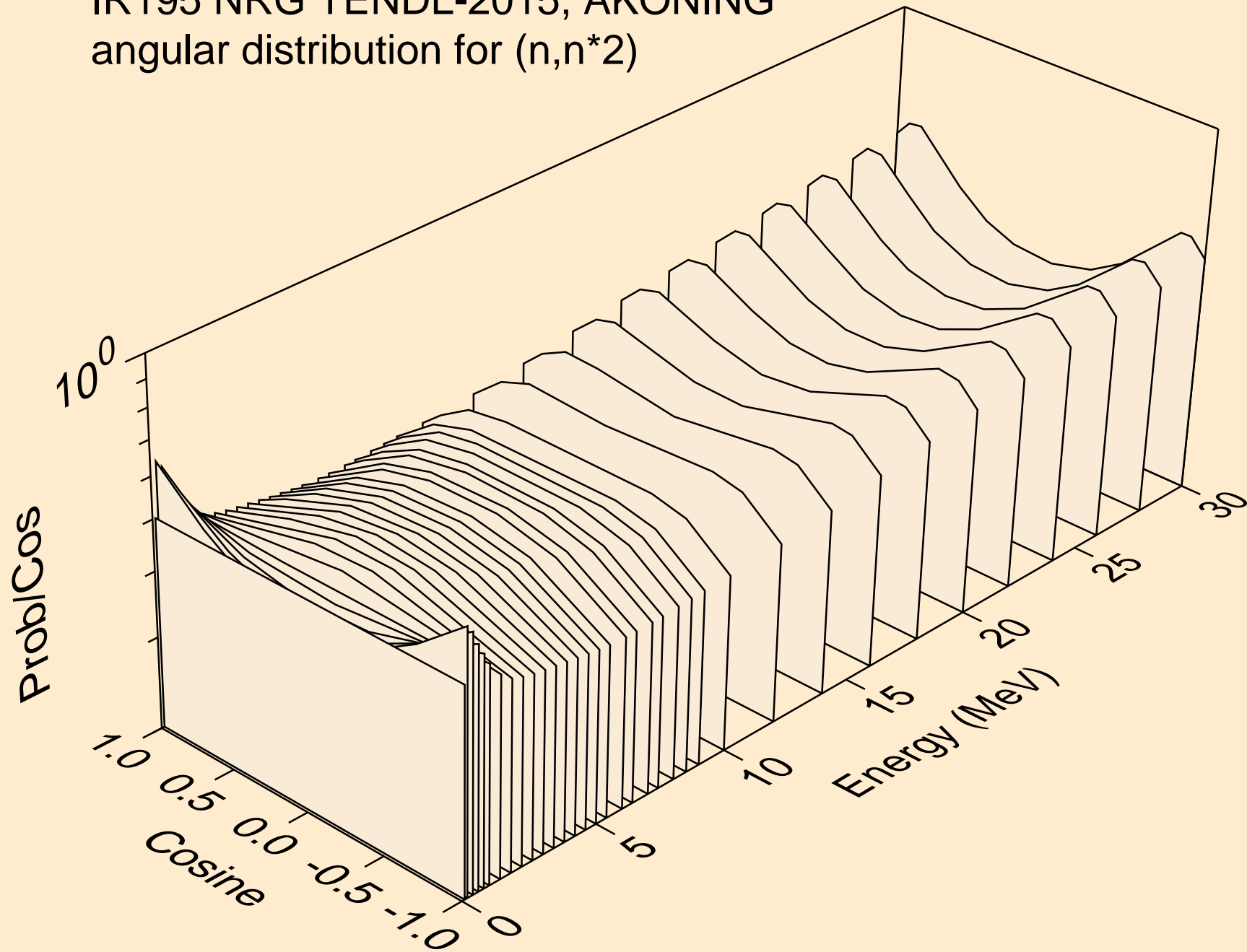
IR195 NRG TENDL-2015, AKONING  
angular distribution for elastic



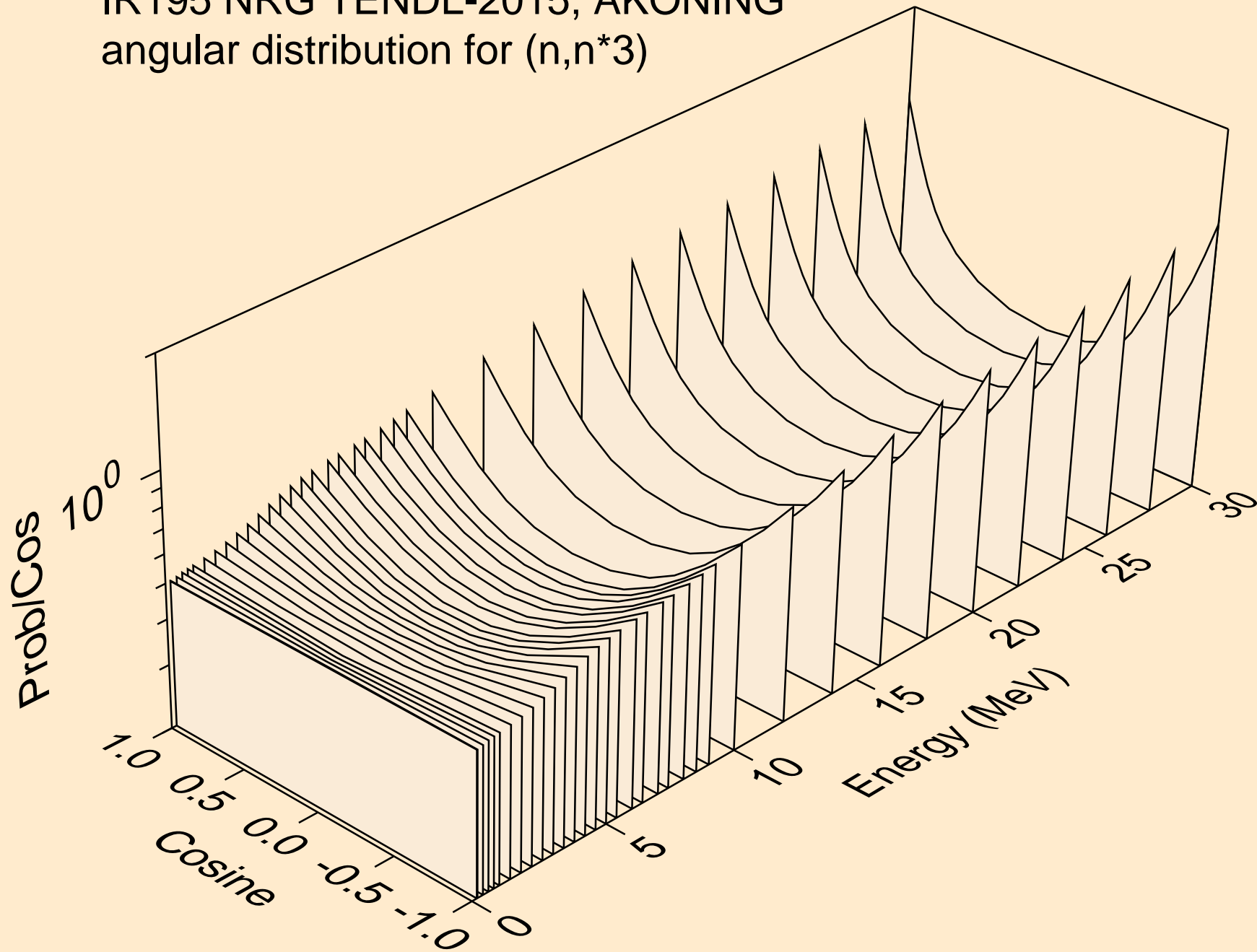
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



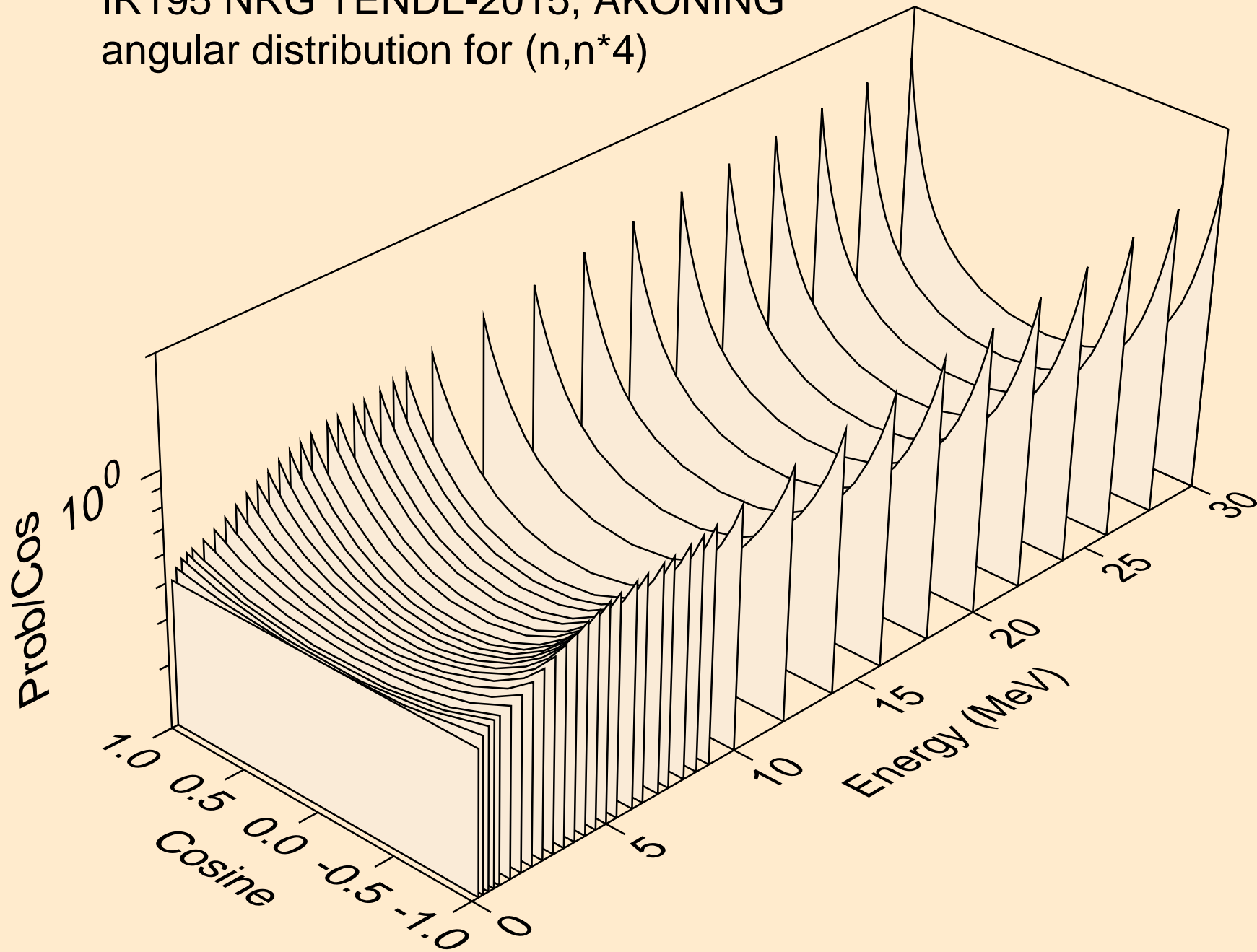
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



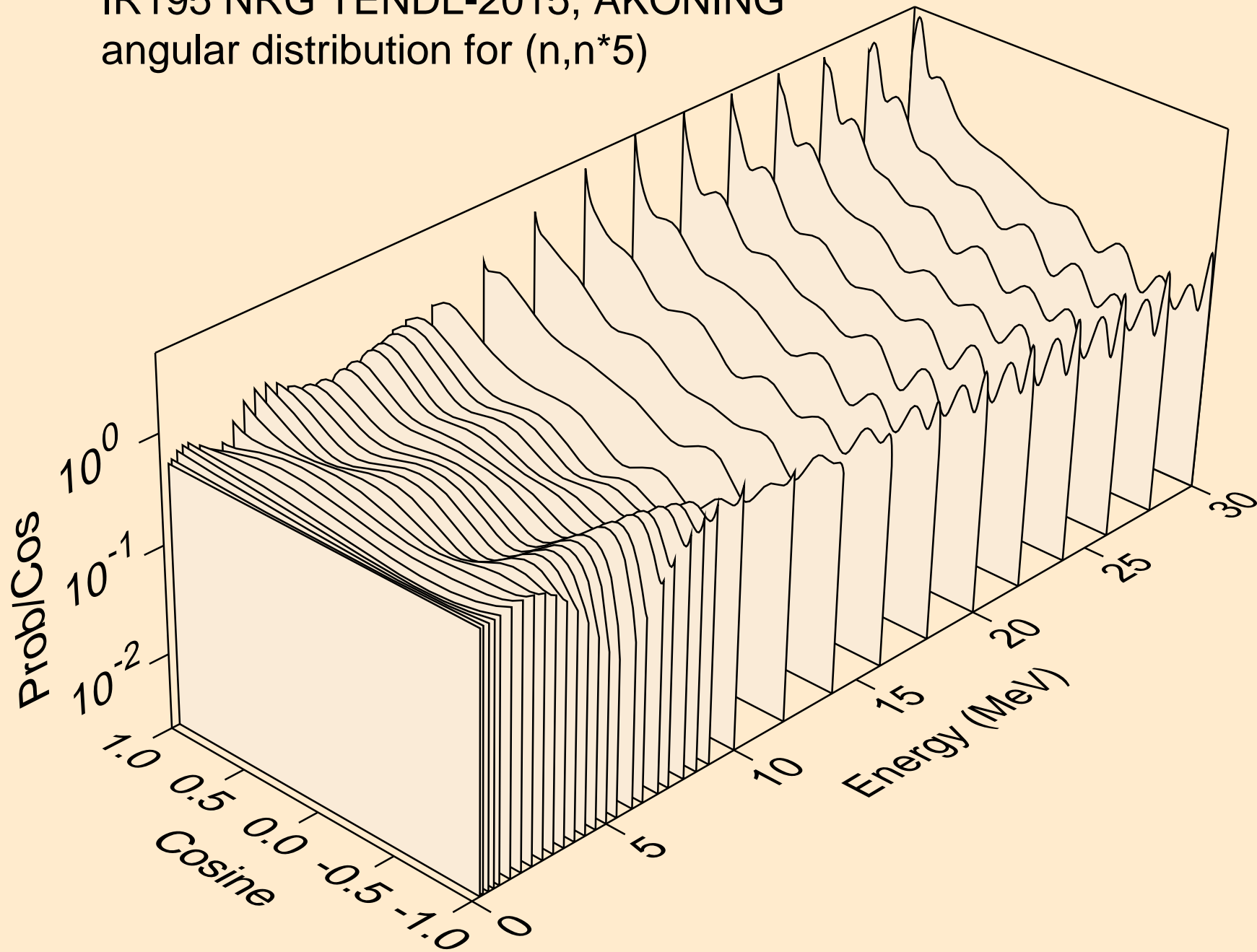
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



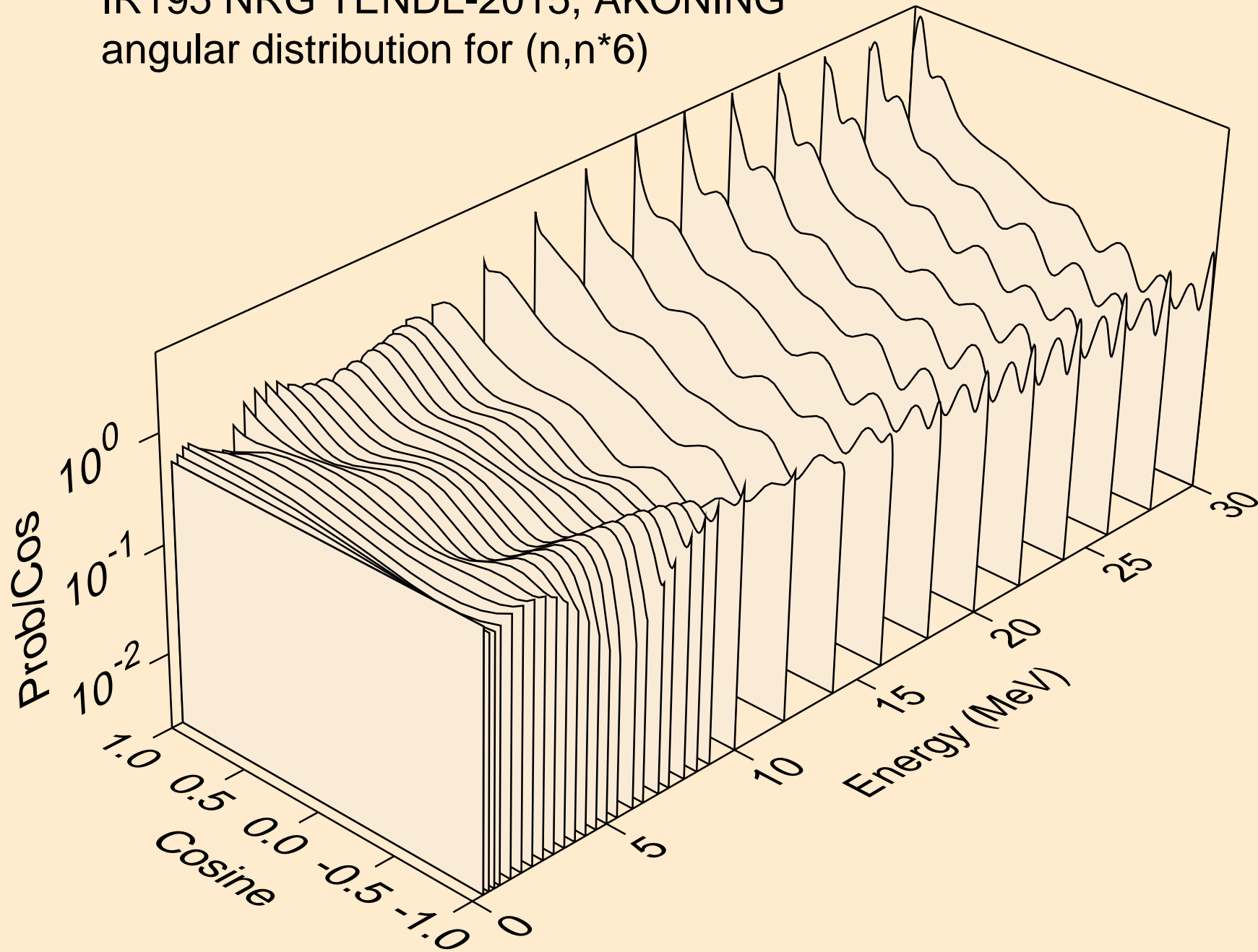
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



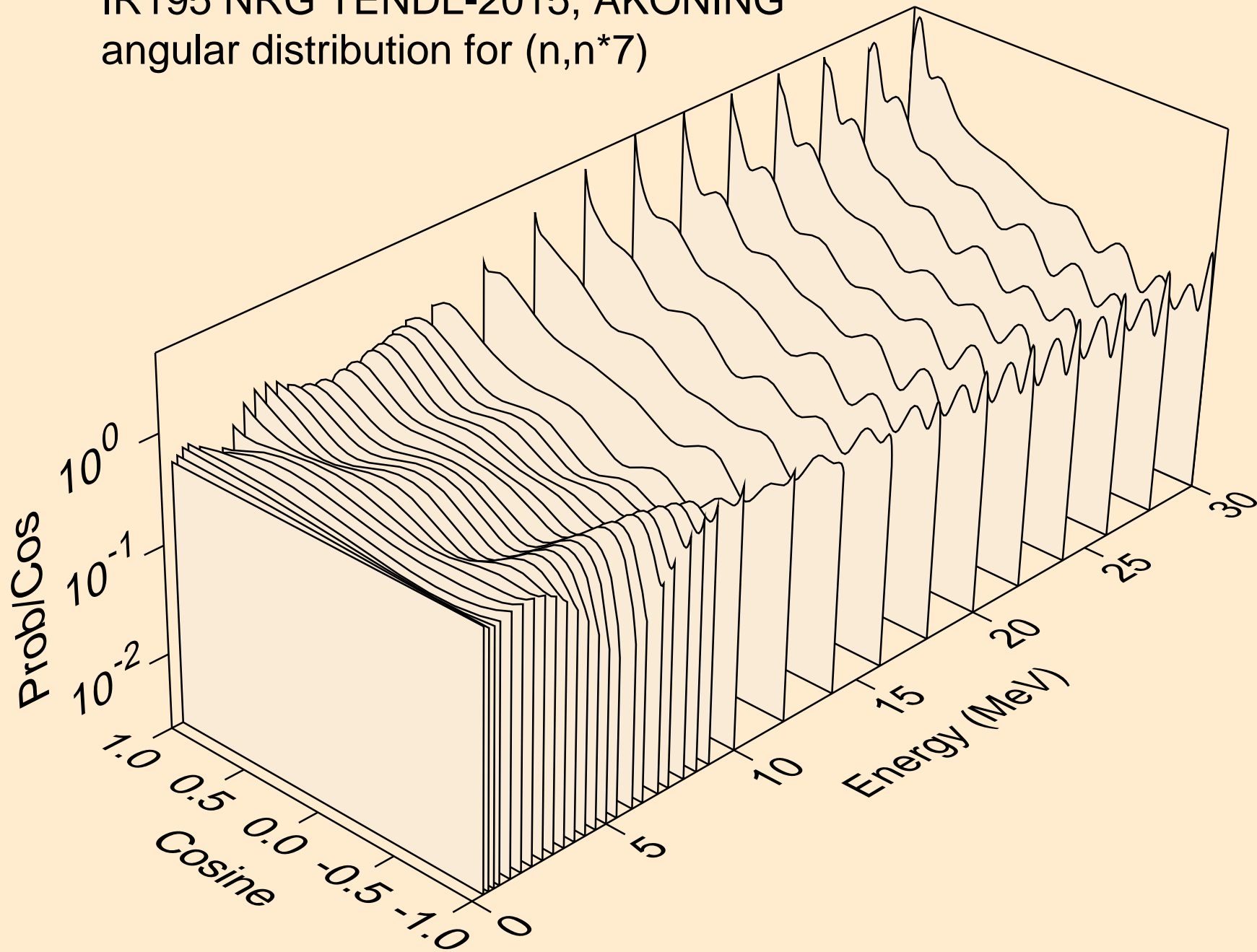
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

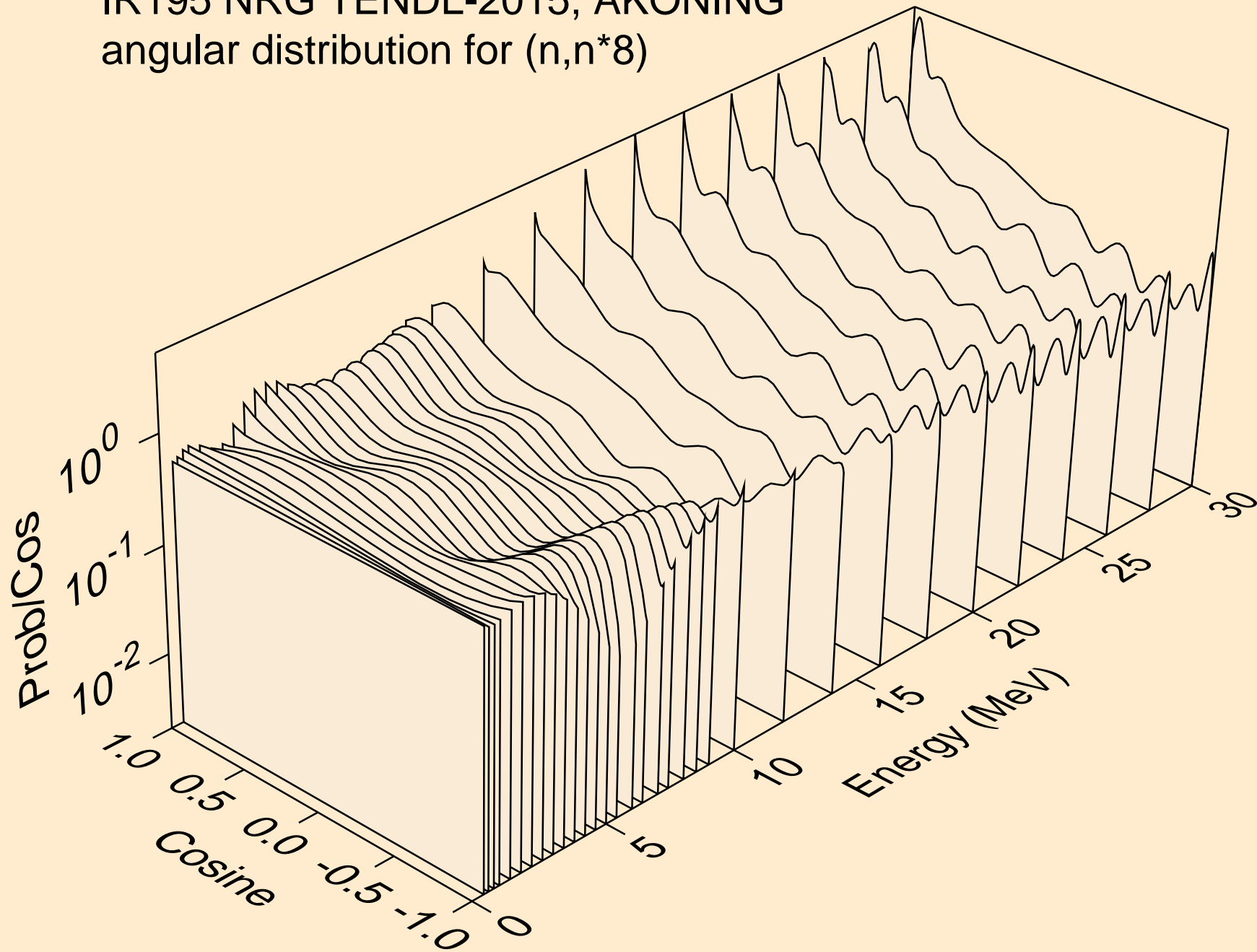


IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

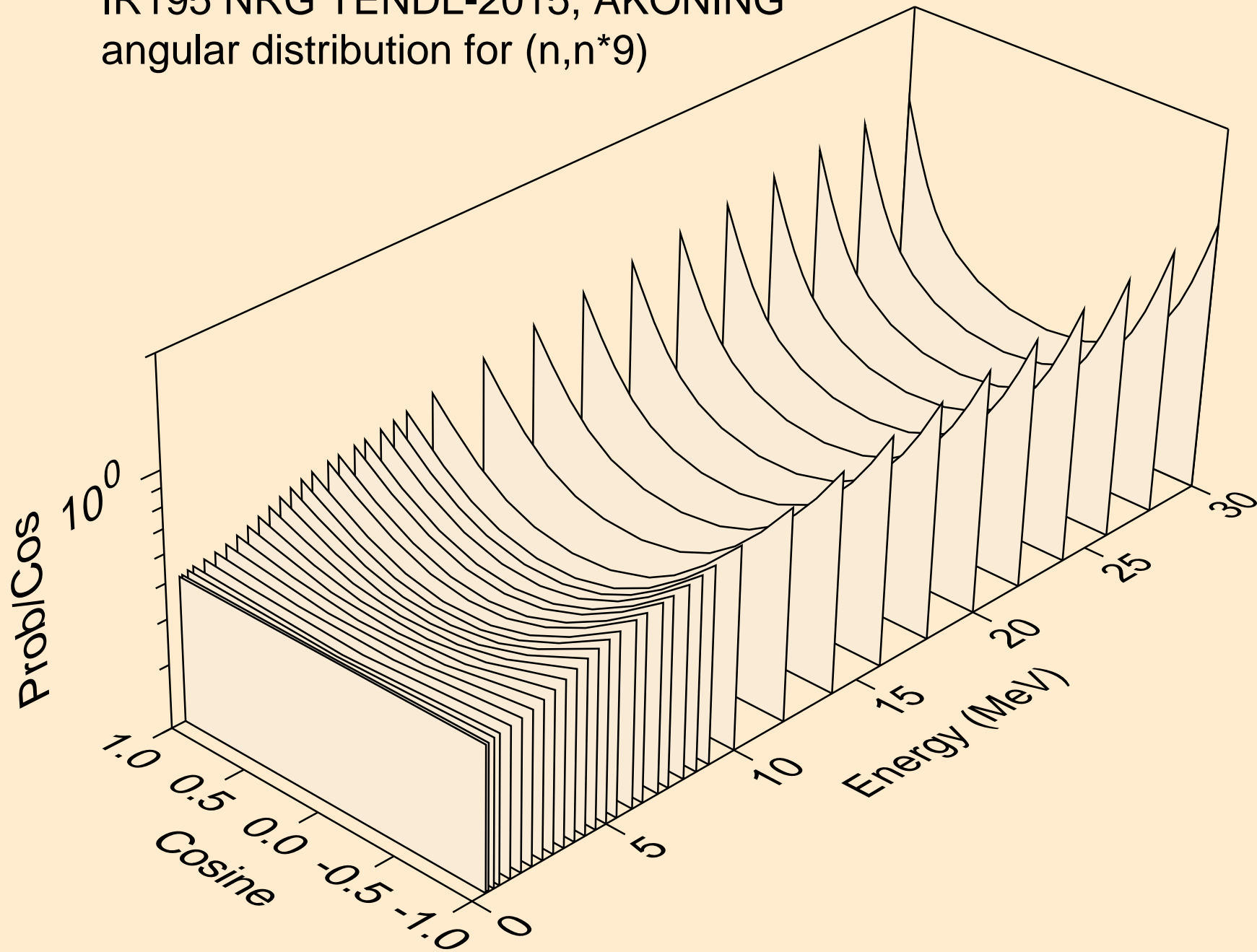




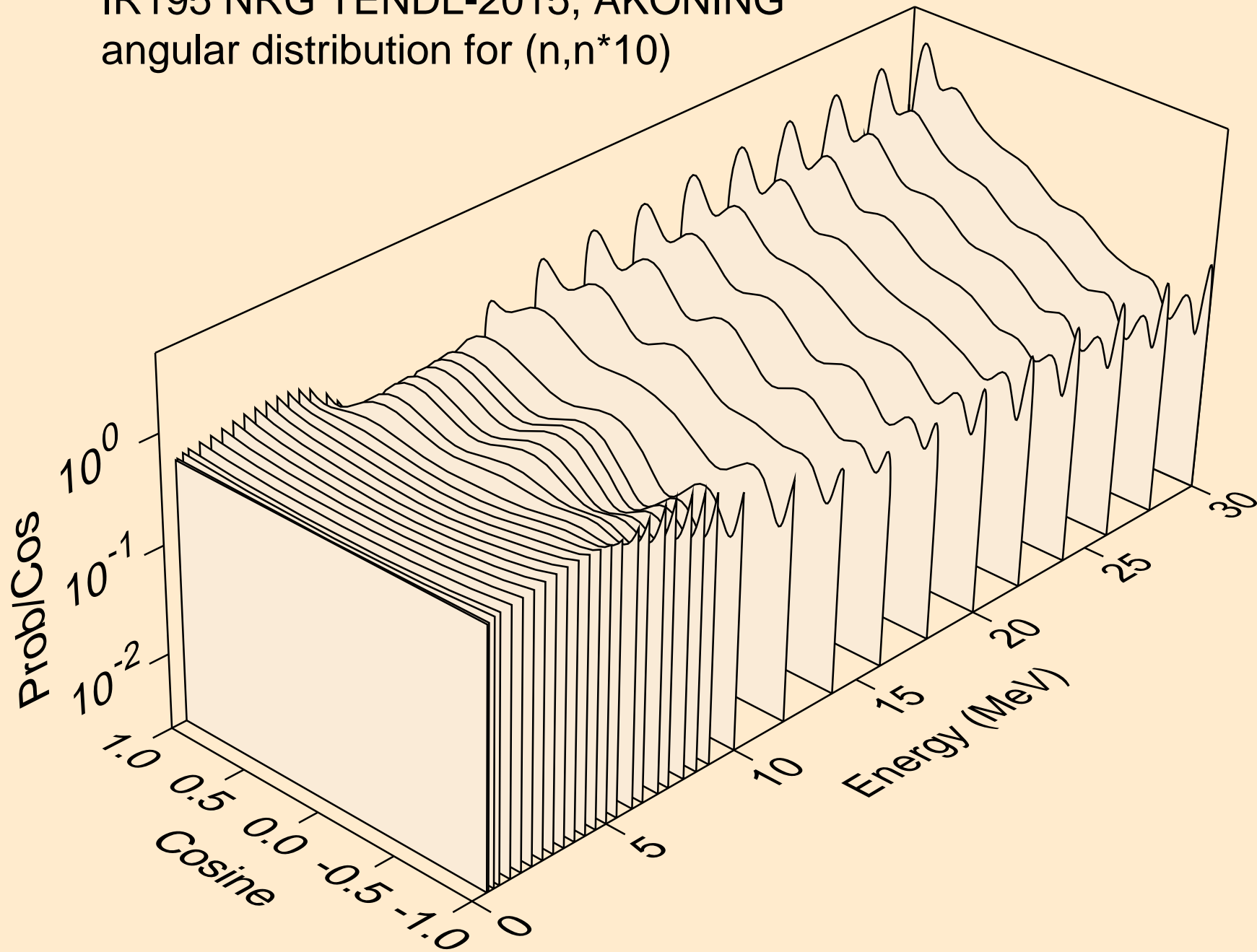
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



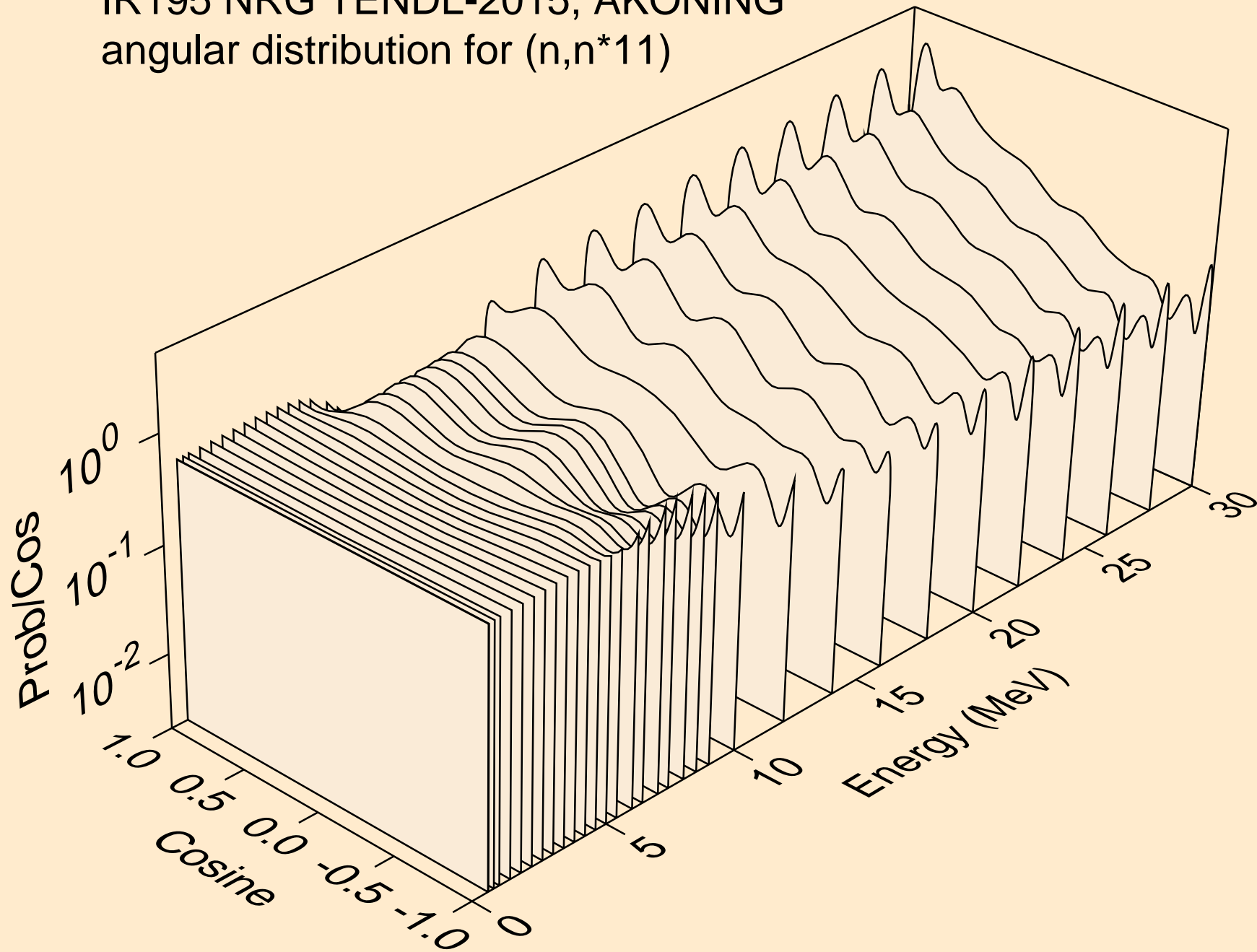
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



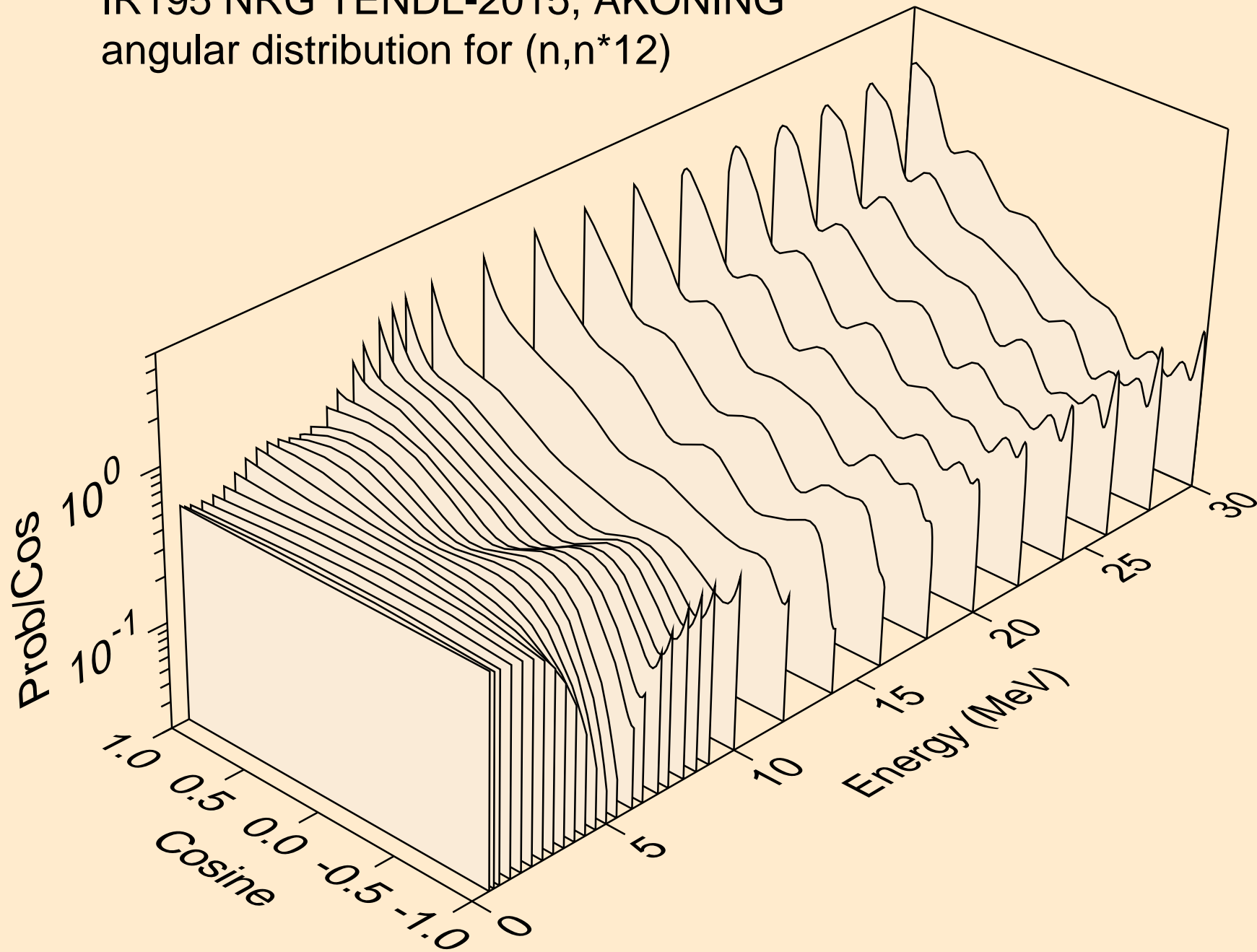
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



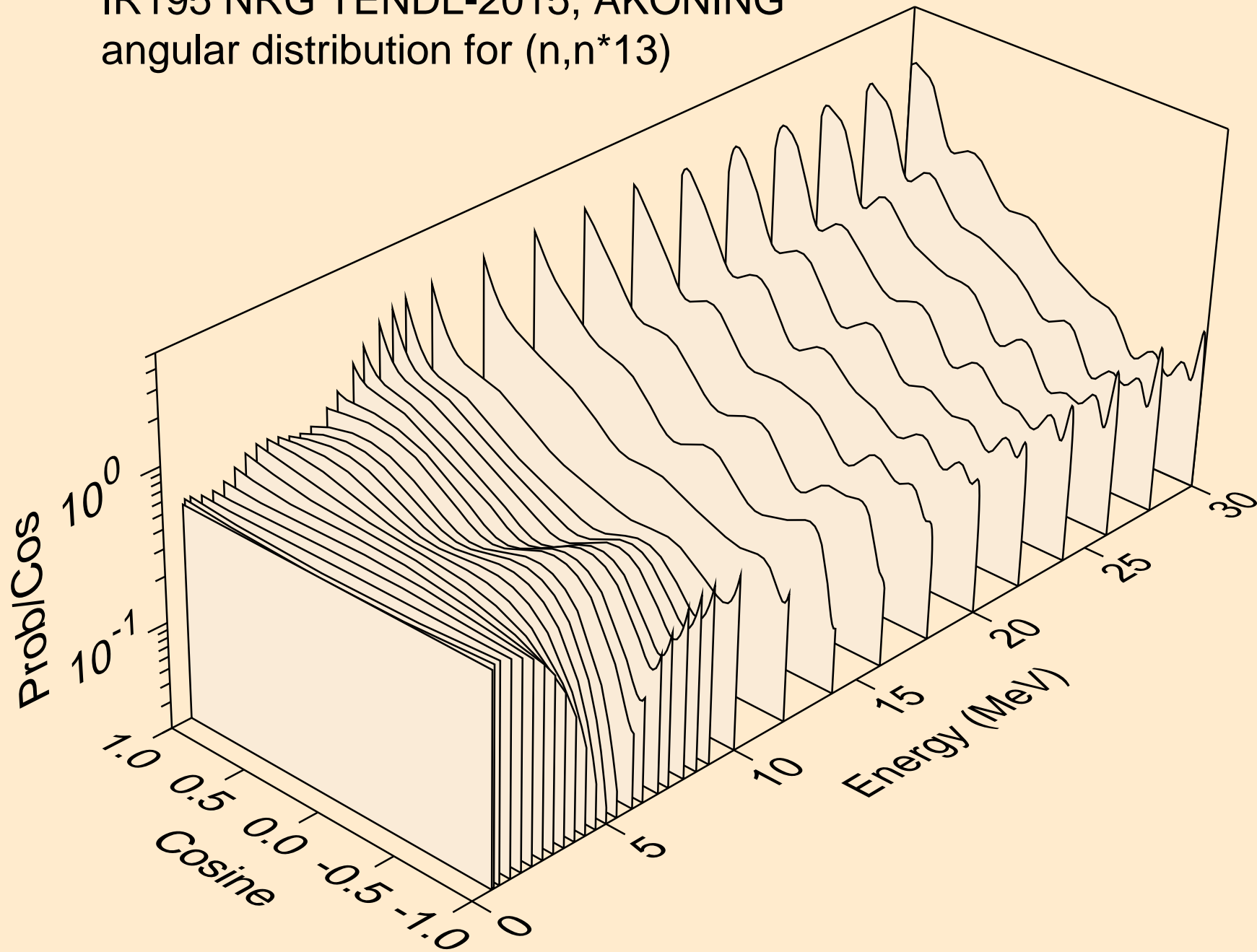
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



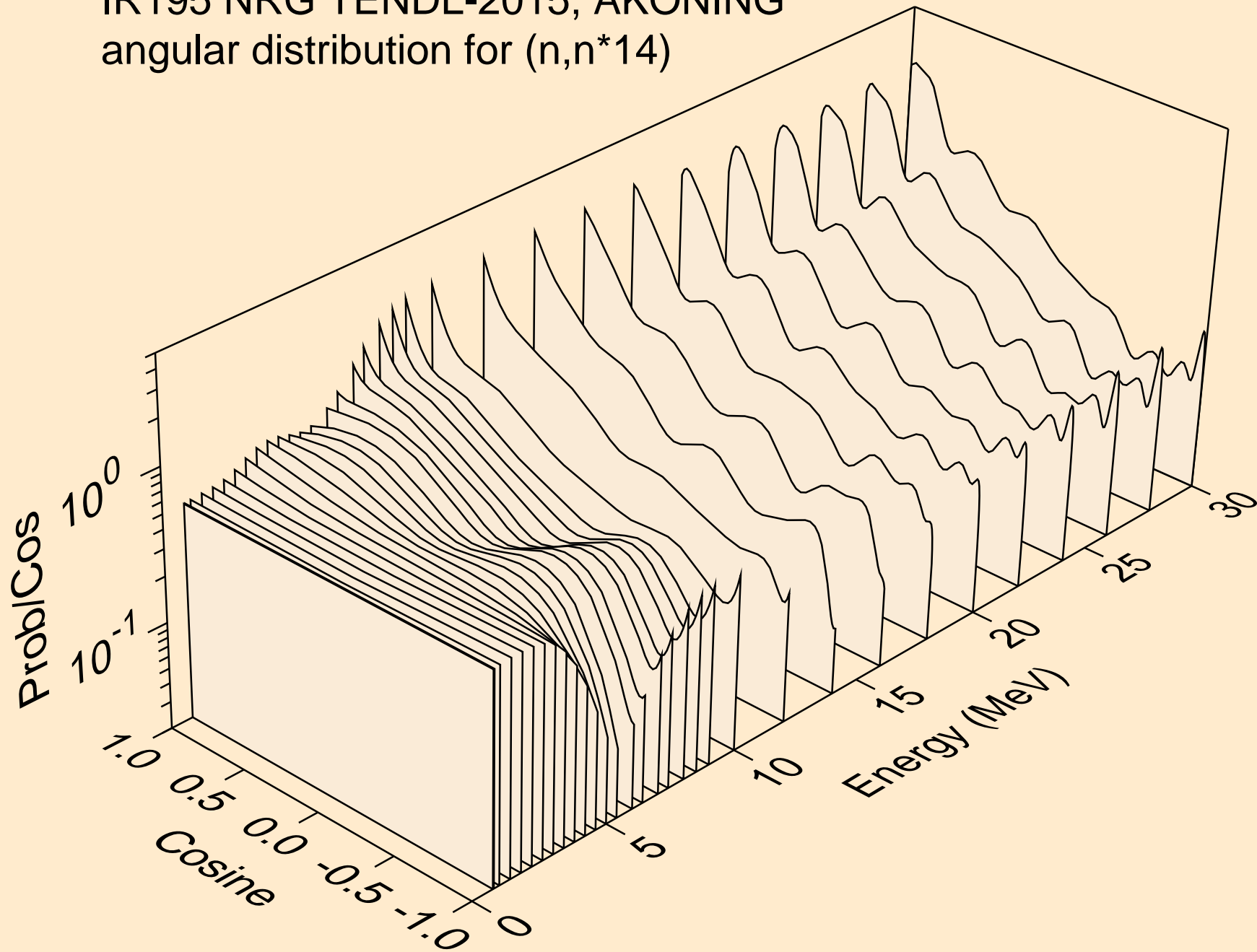
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



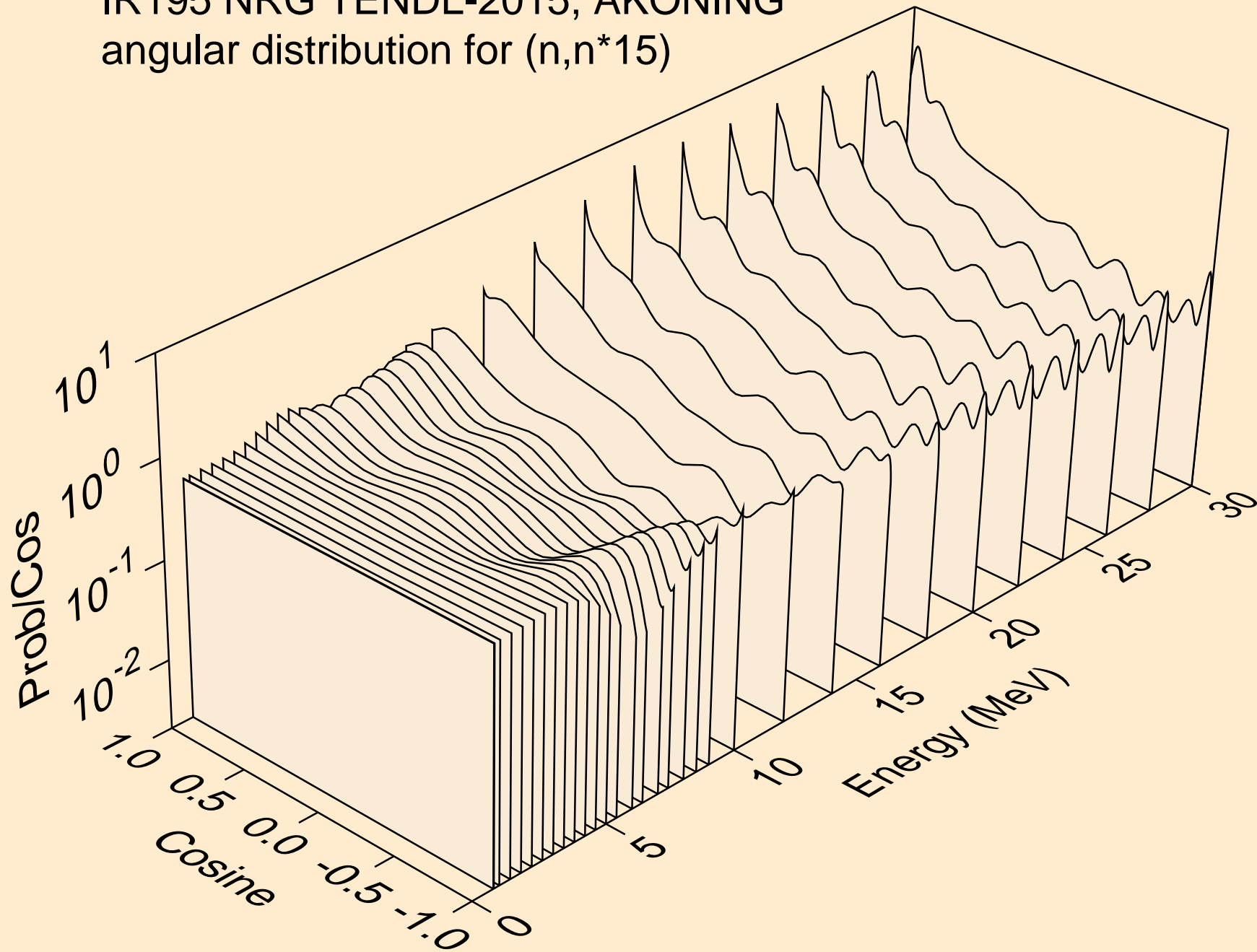
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

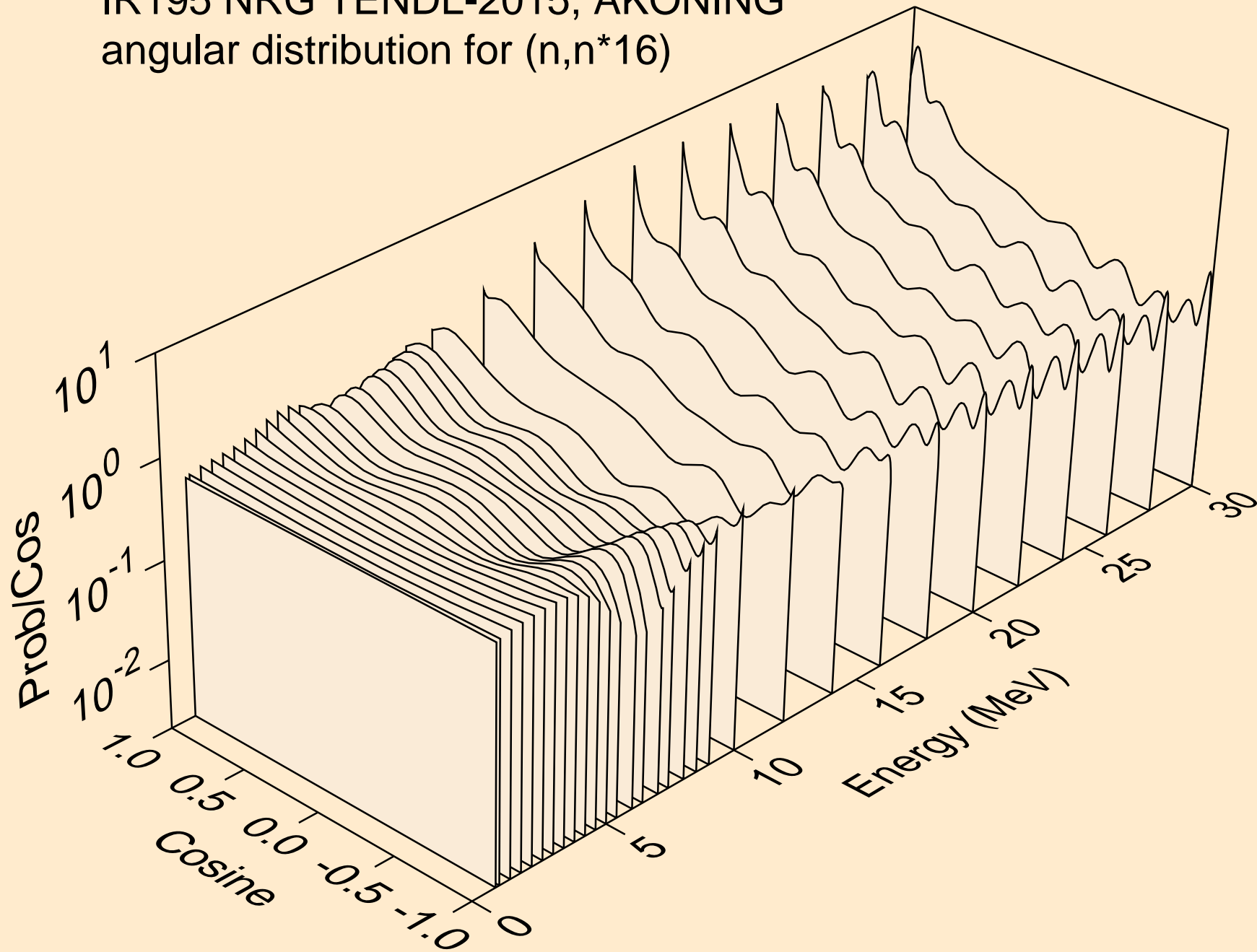


IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

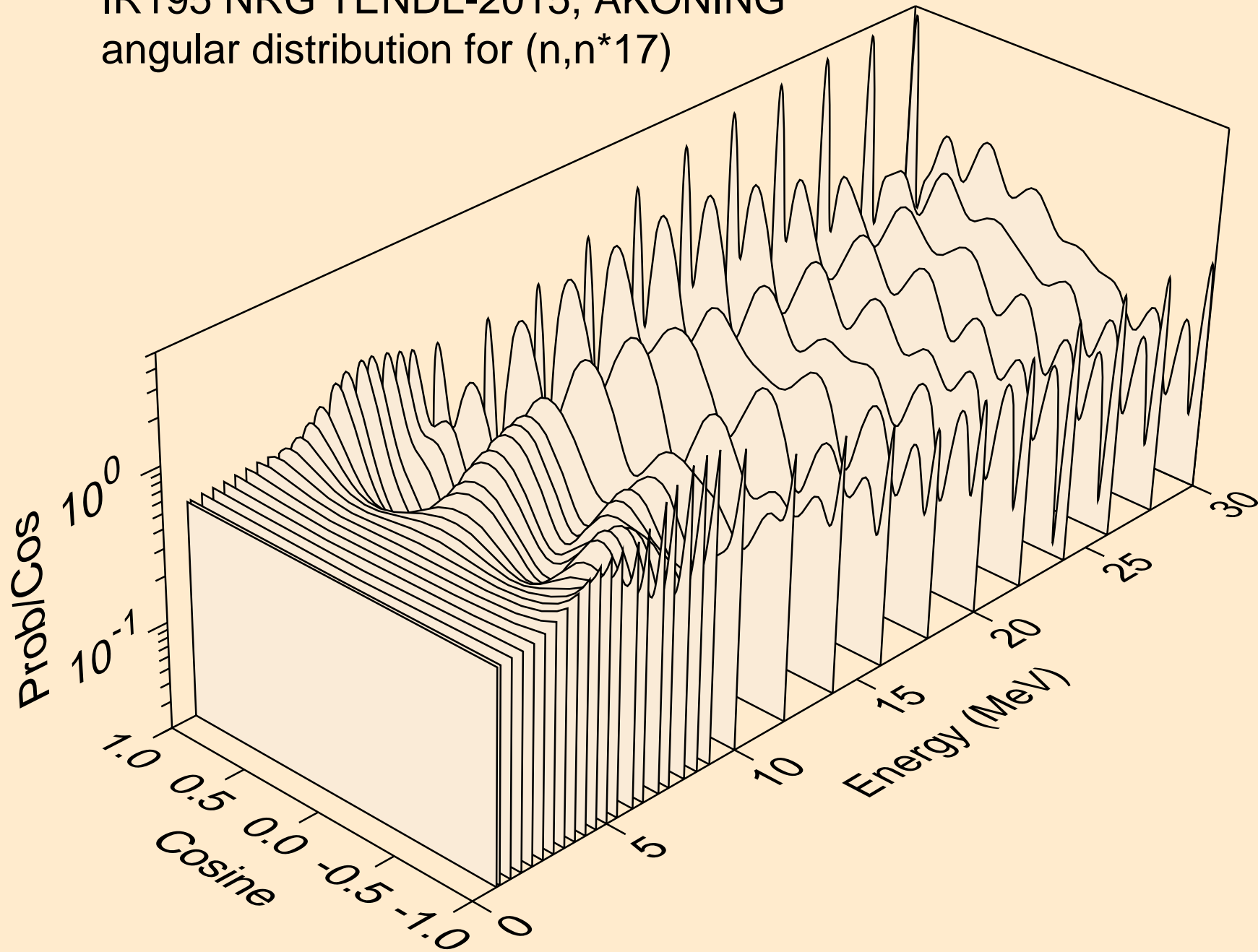




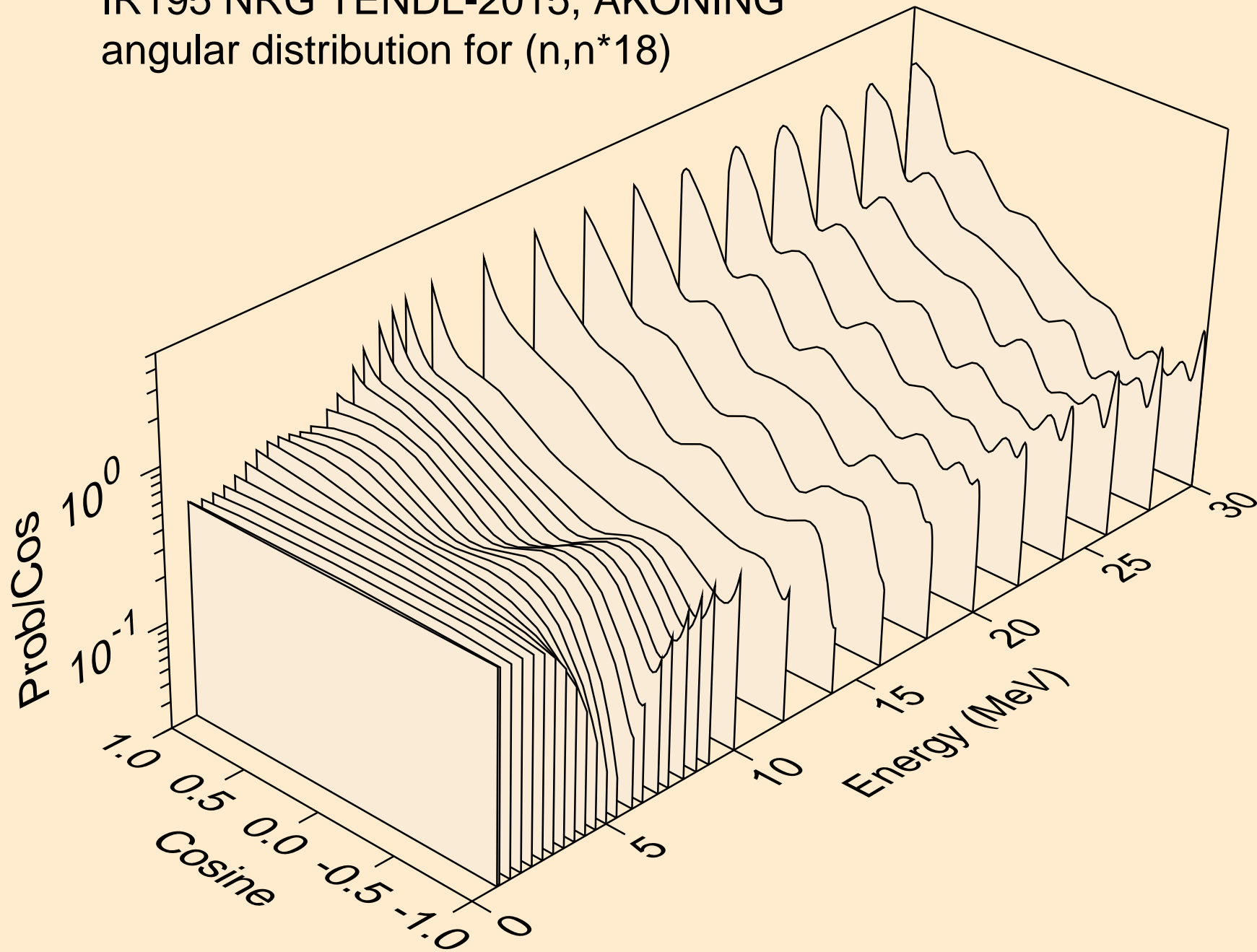
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



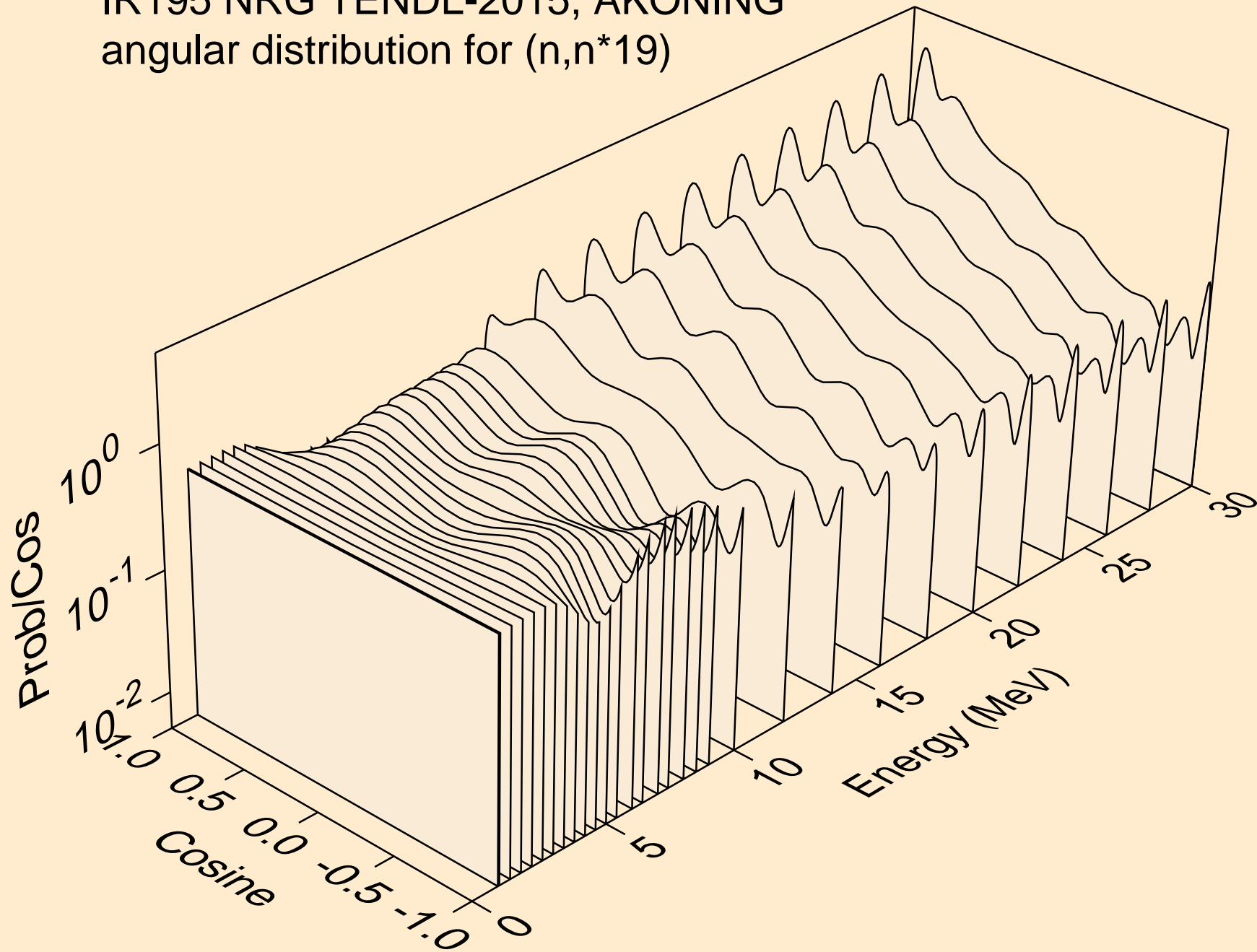
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



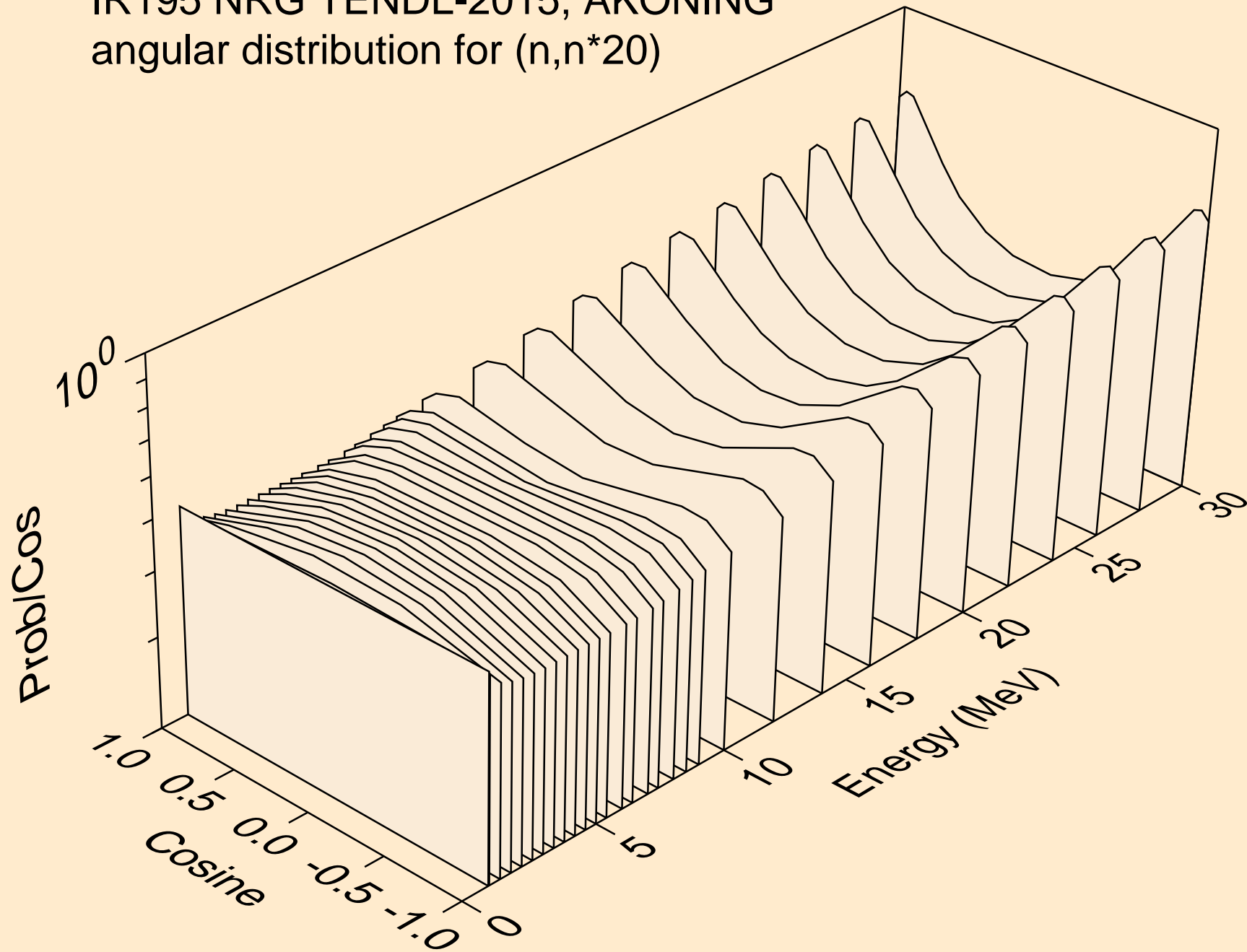
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



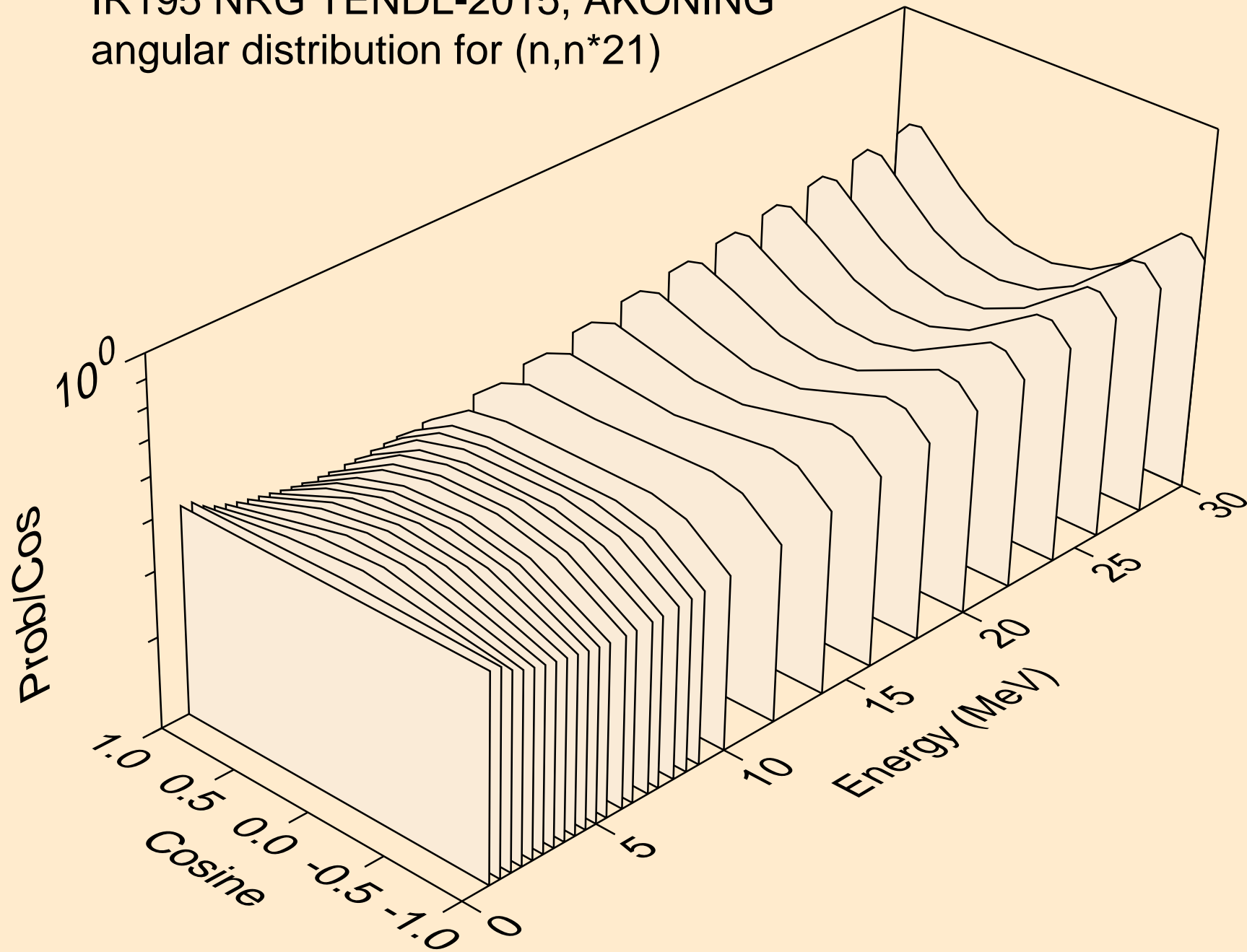
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



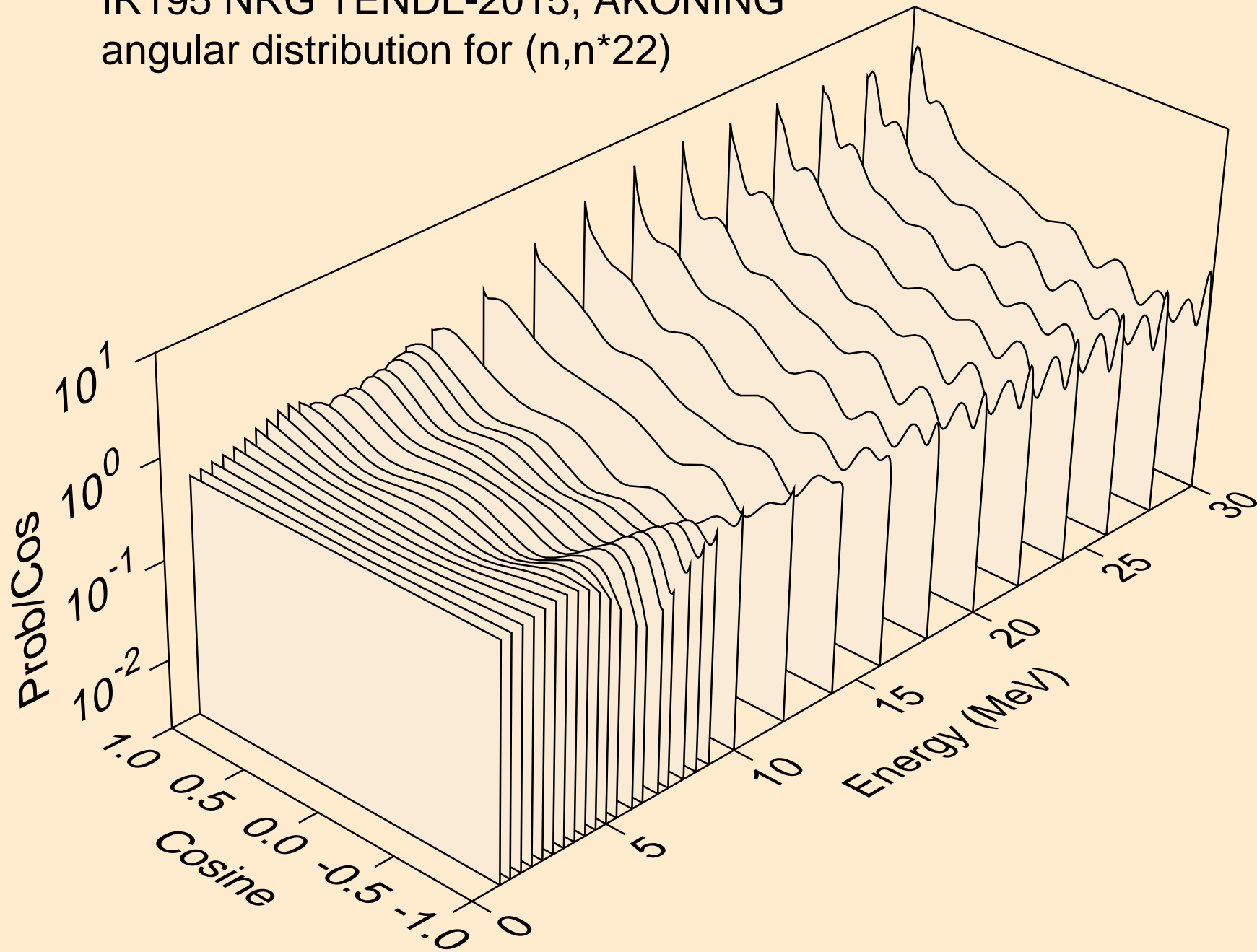
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



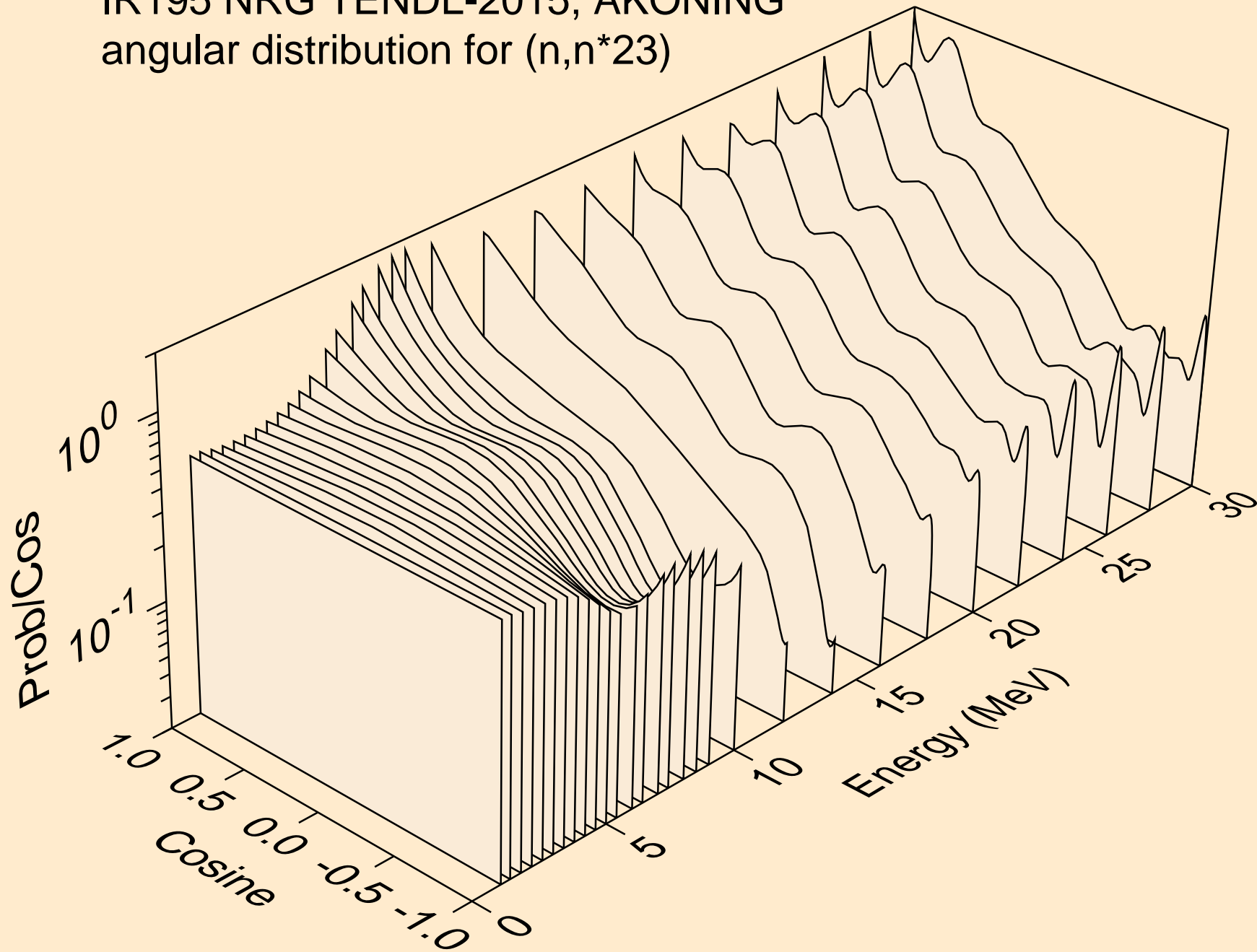
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

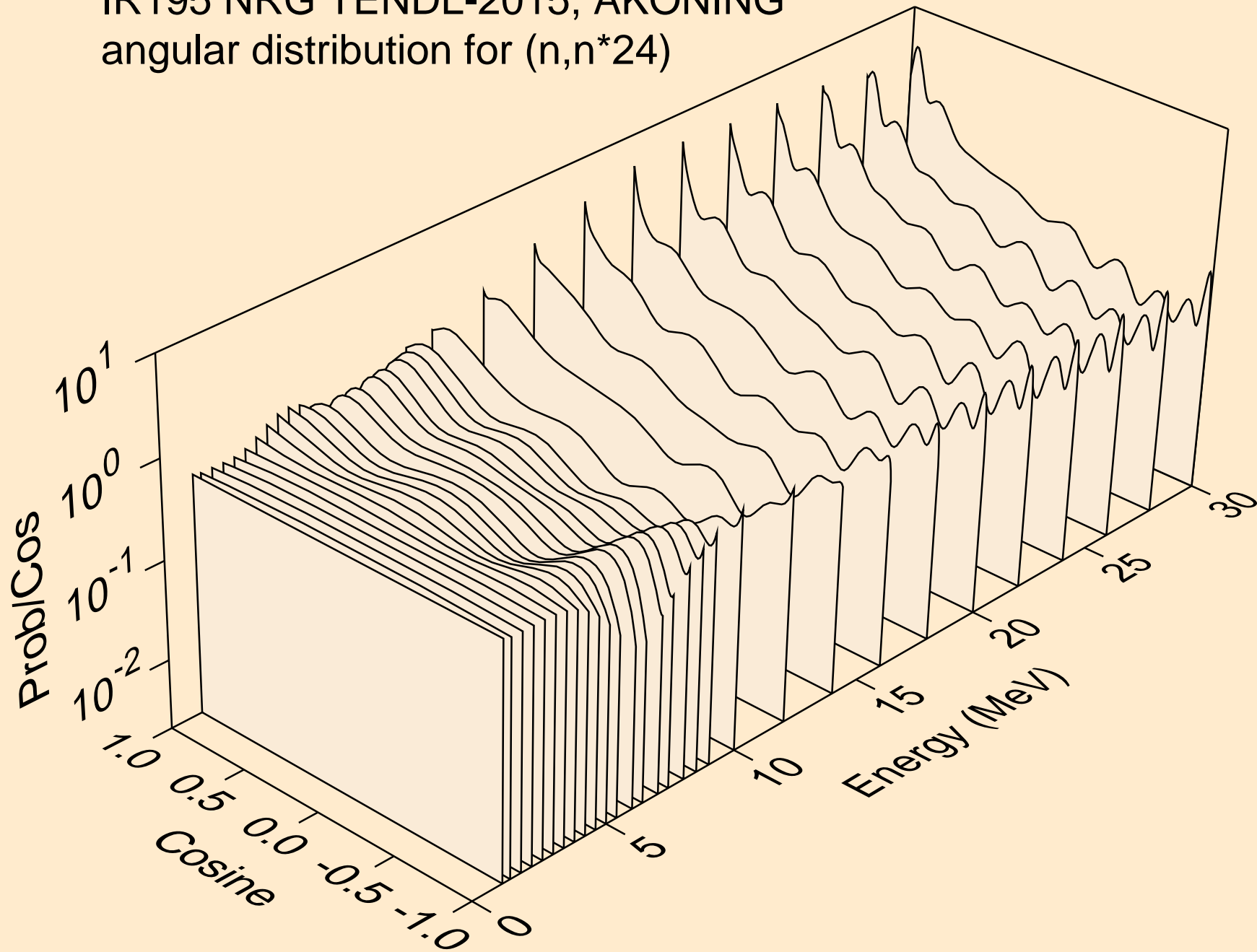


IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

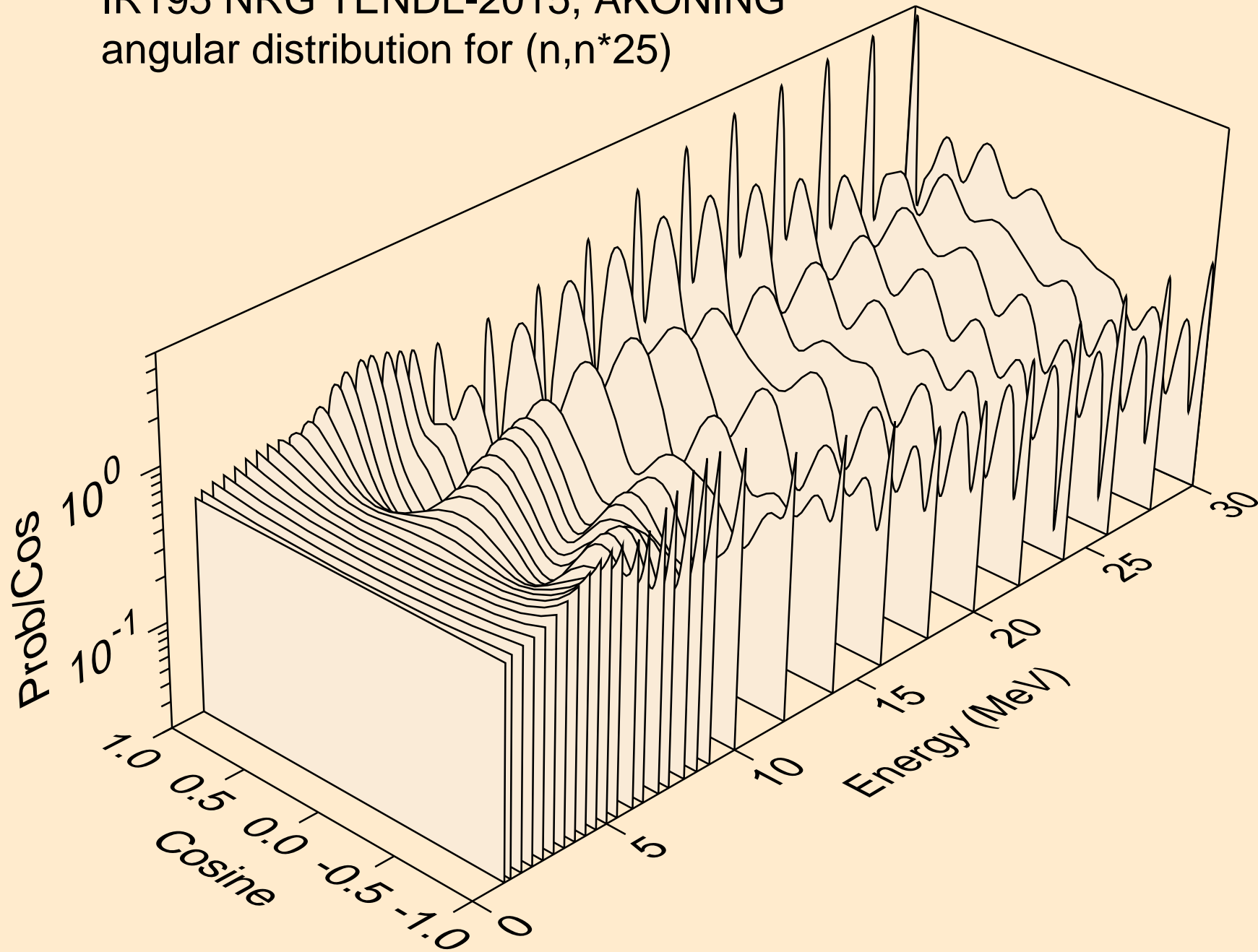




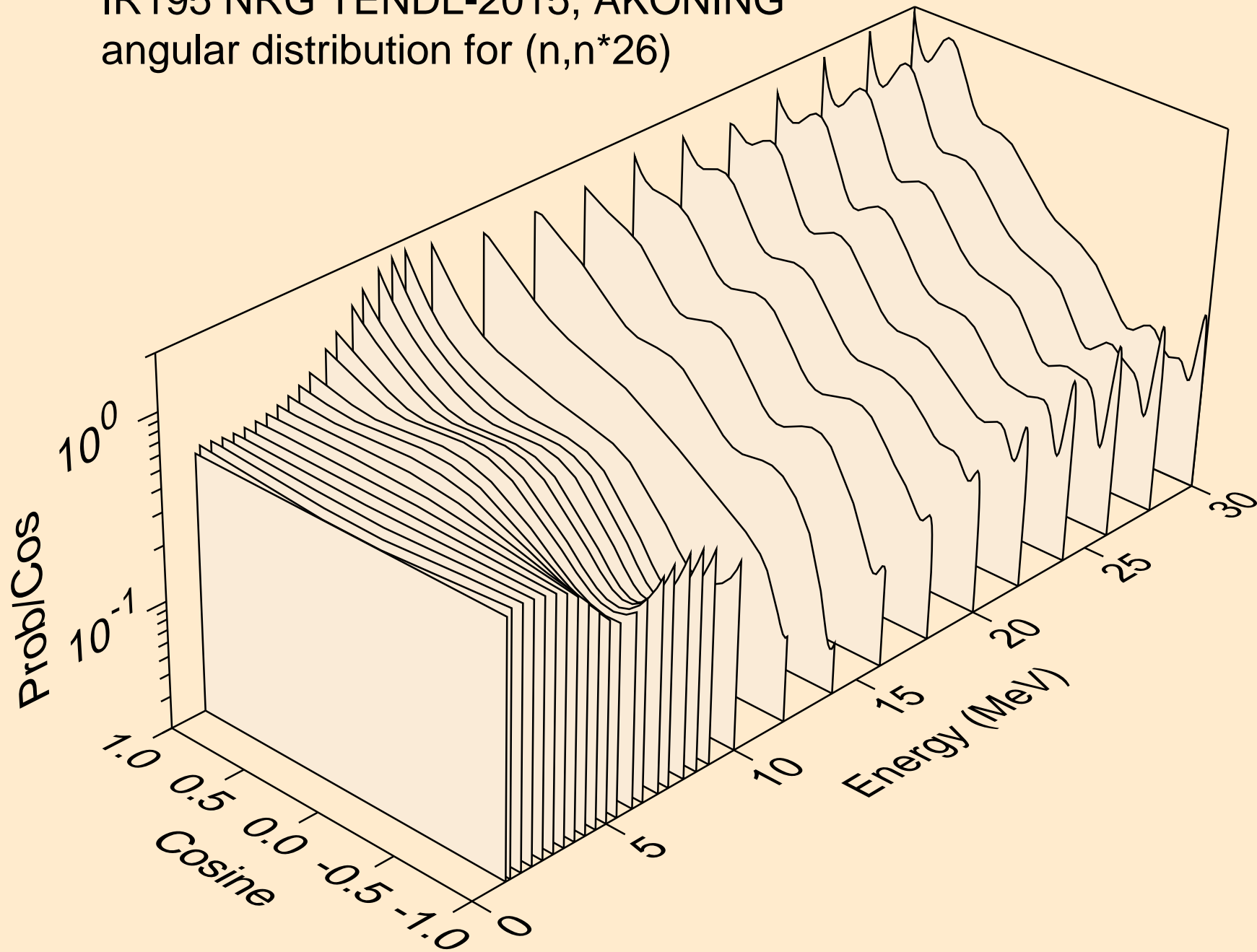
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



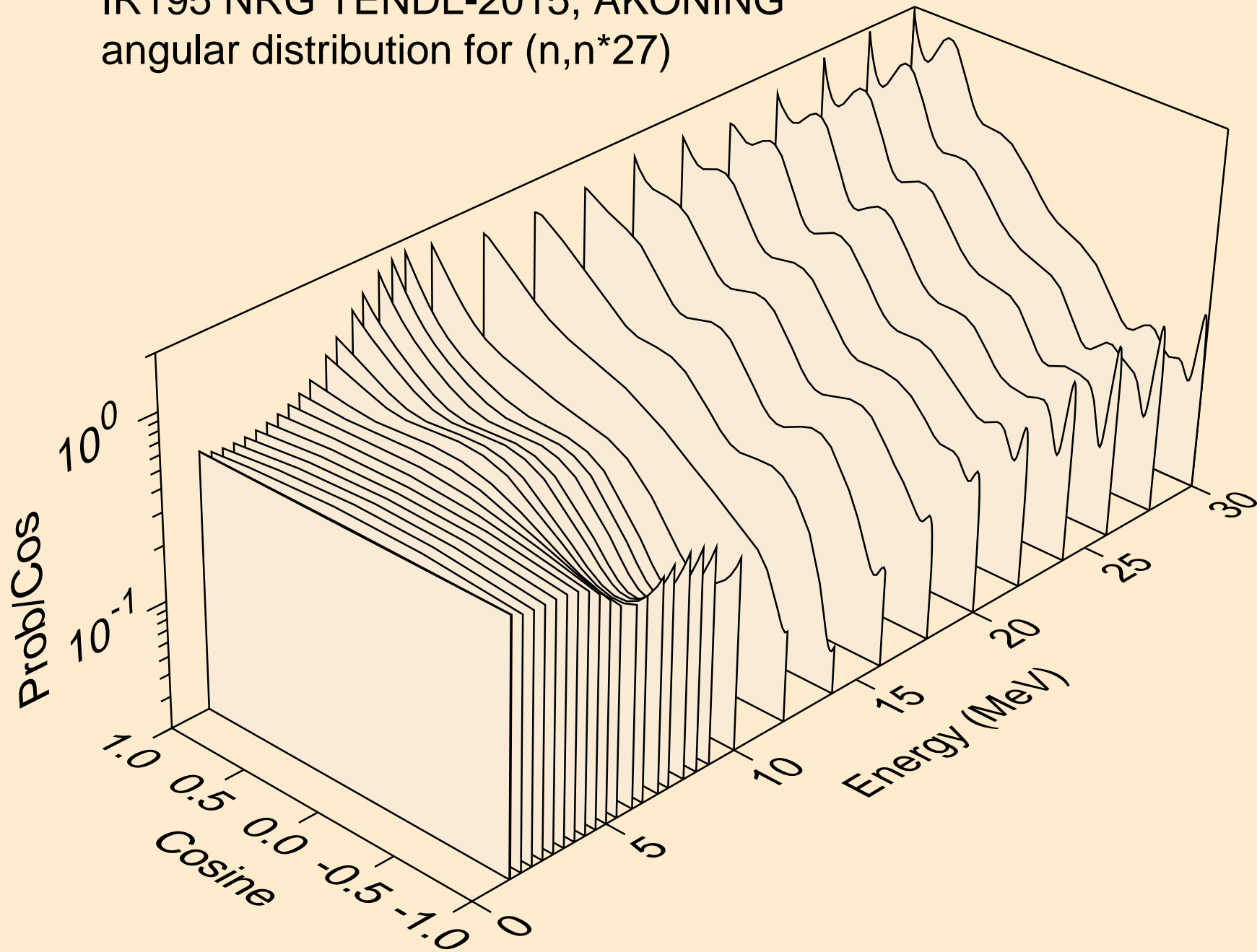
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



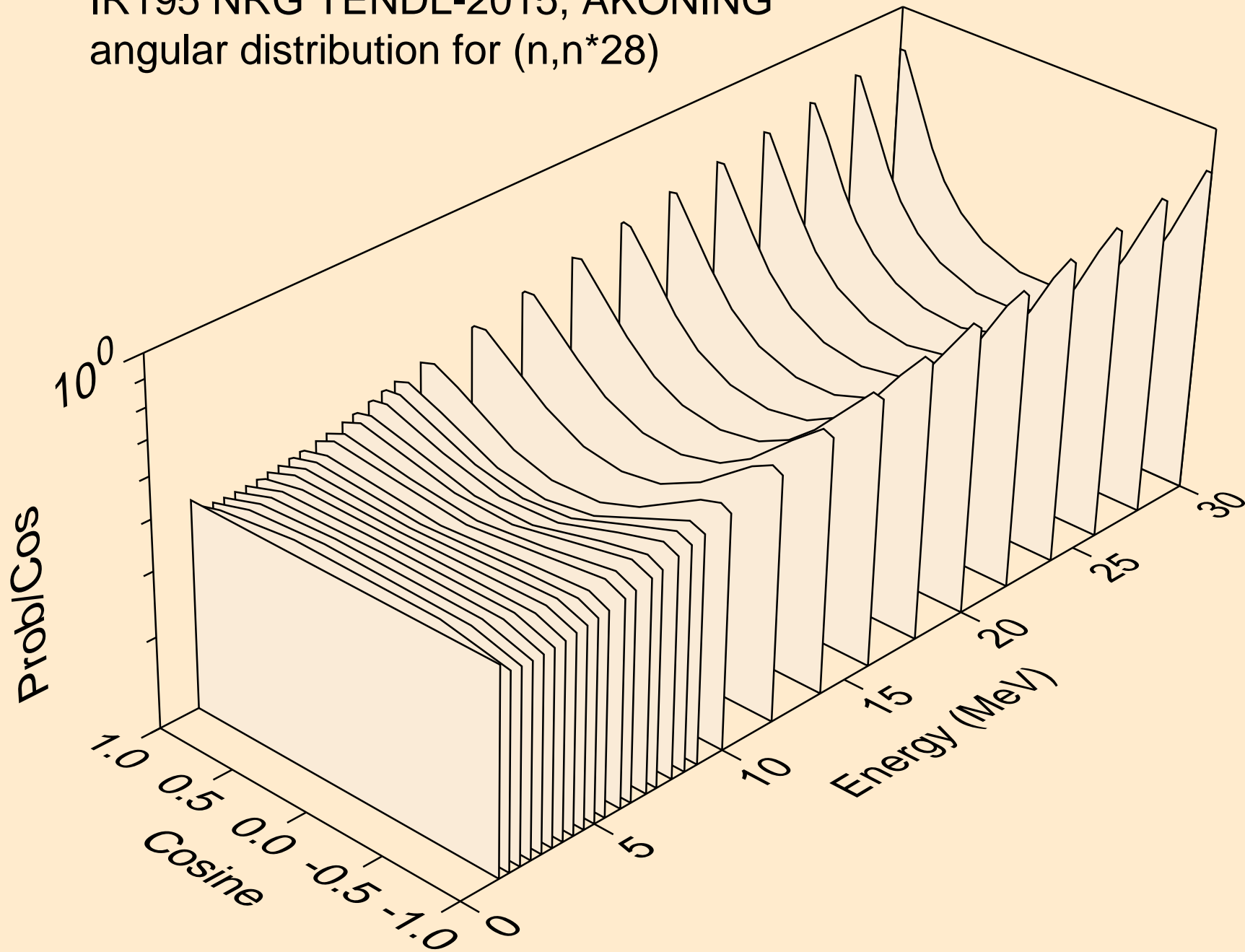
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



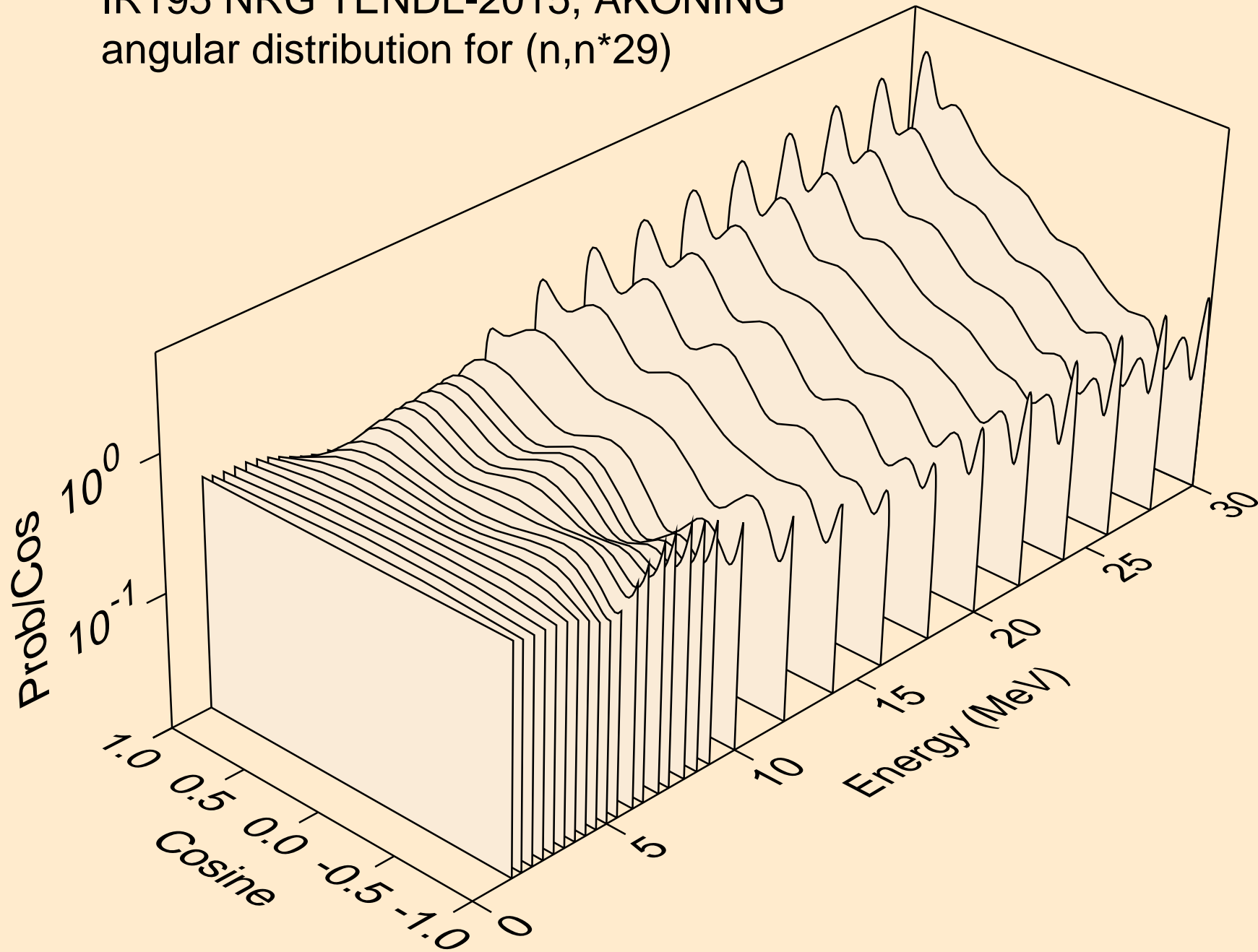
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



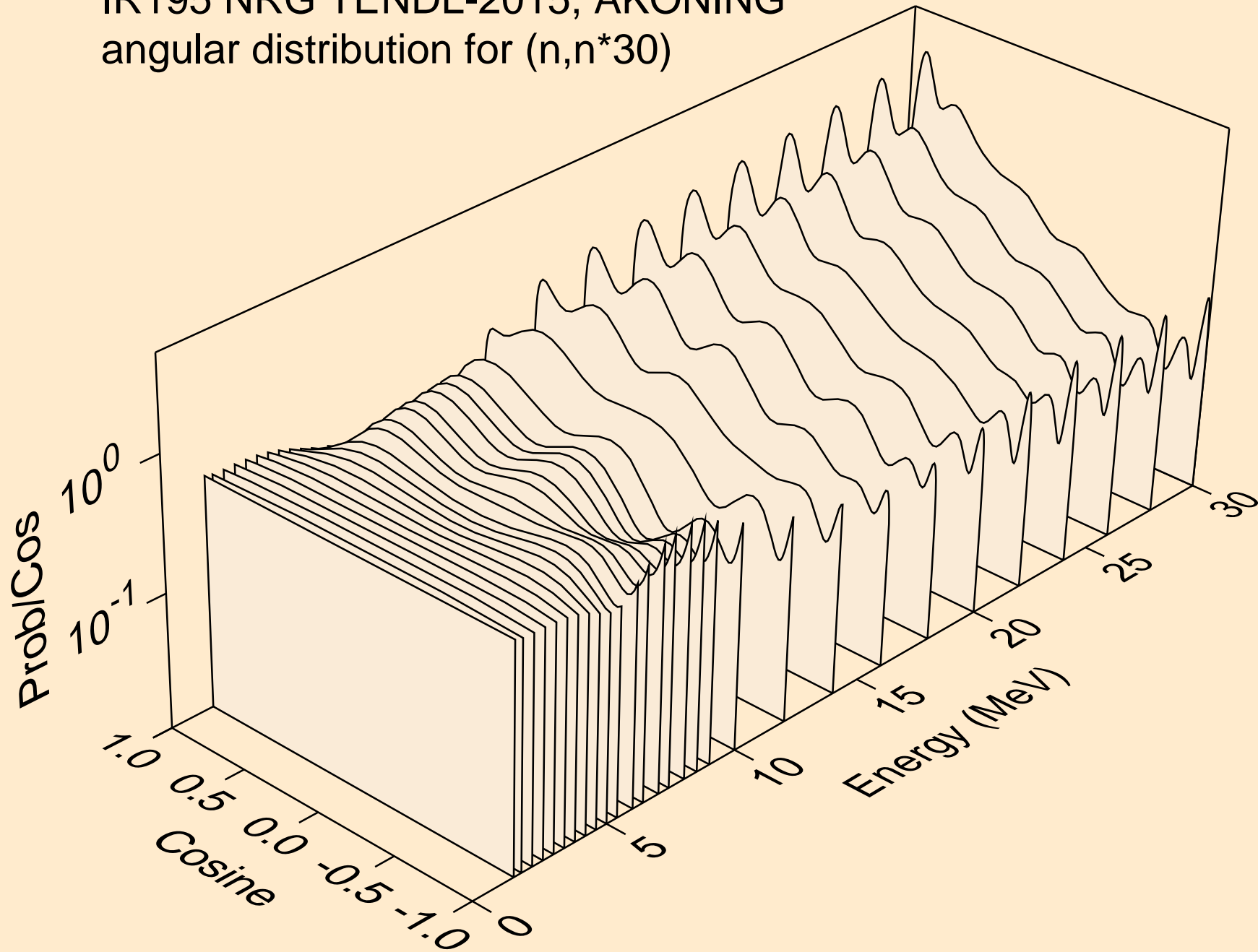
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



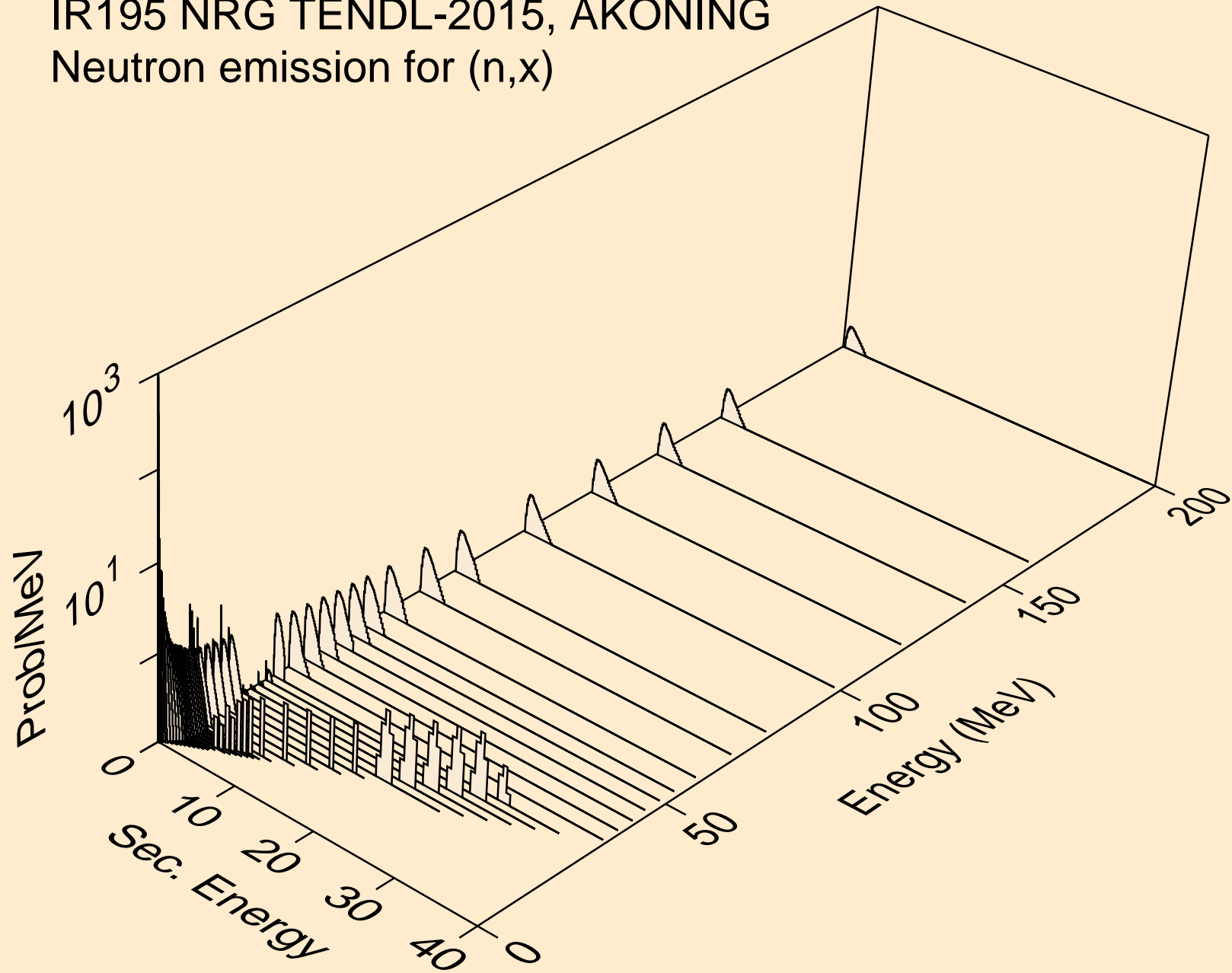
IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



IR195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

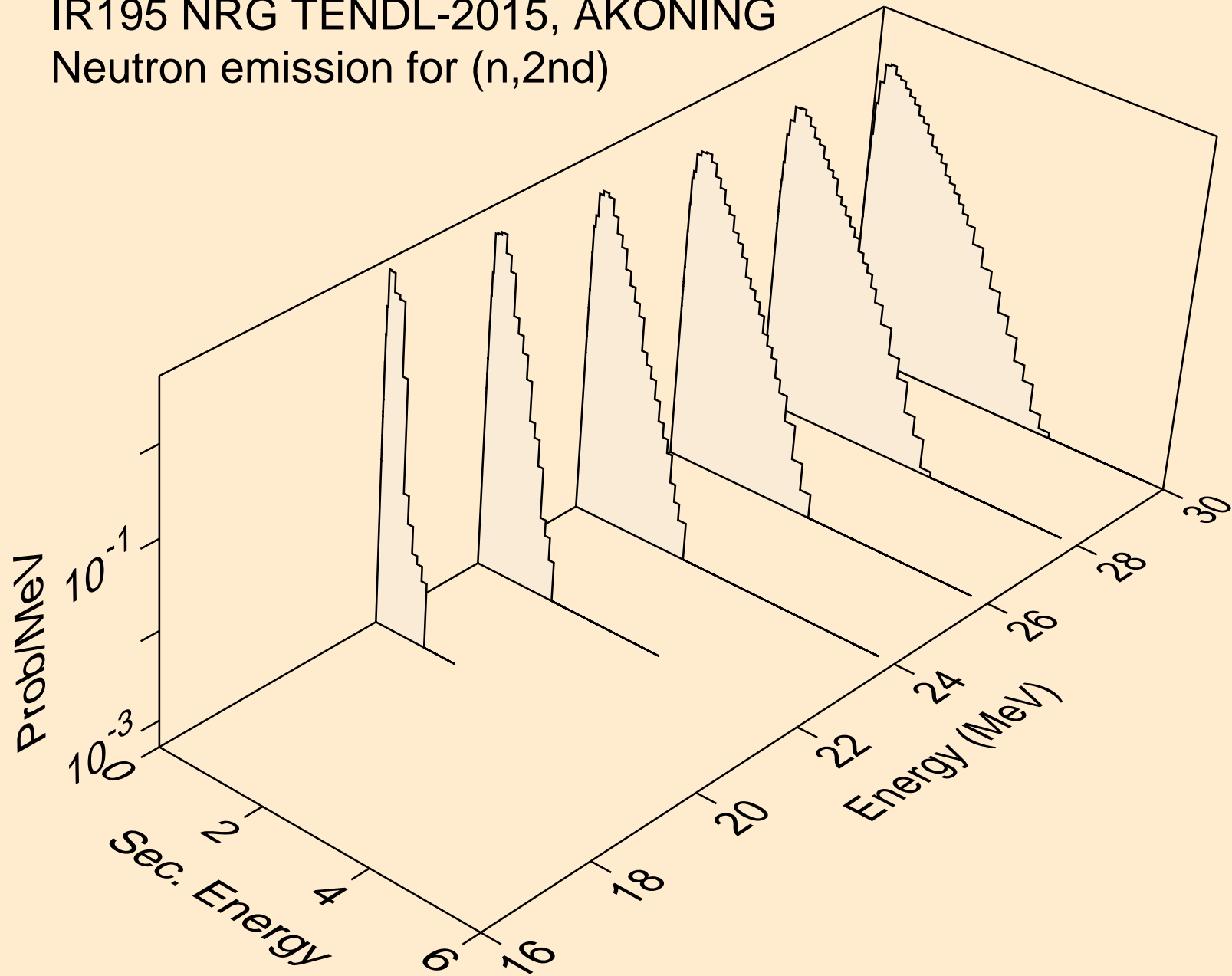


IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

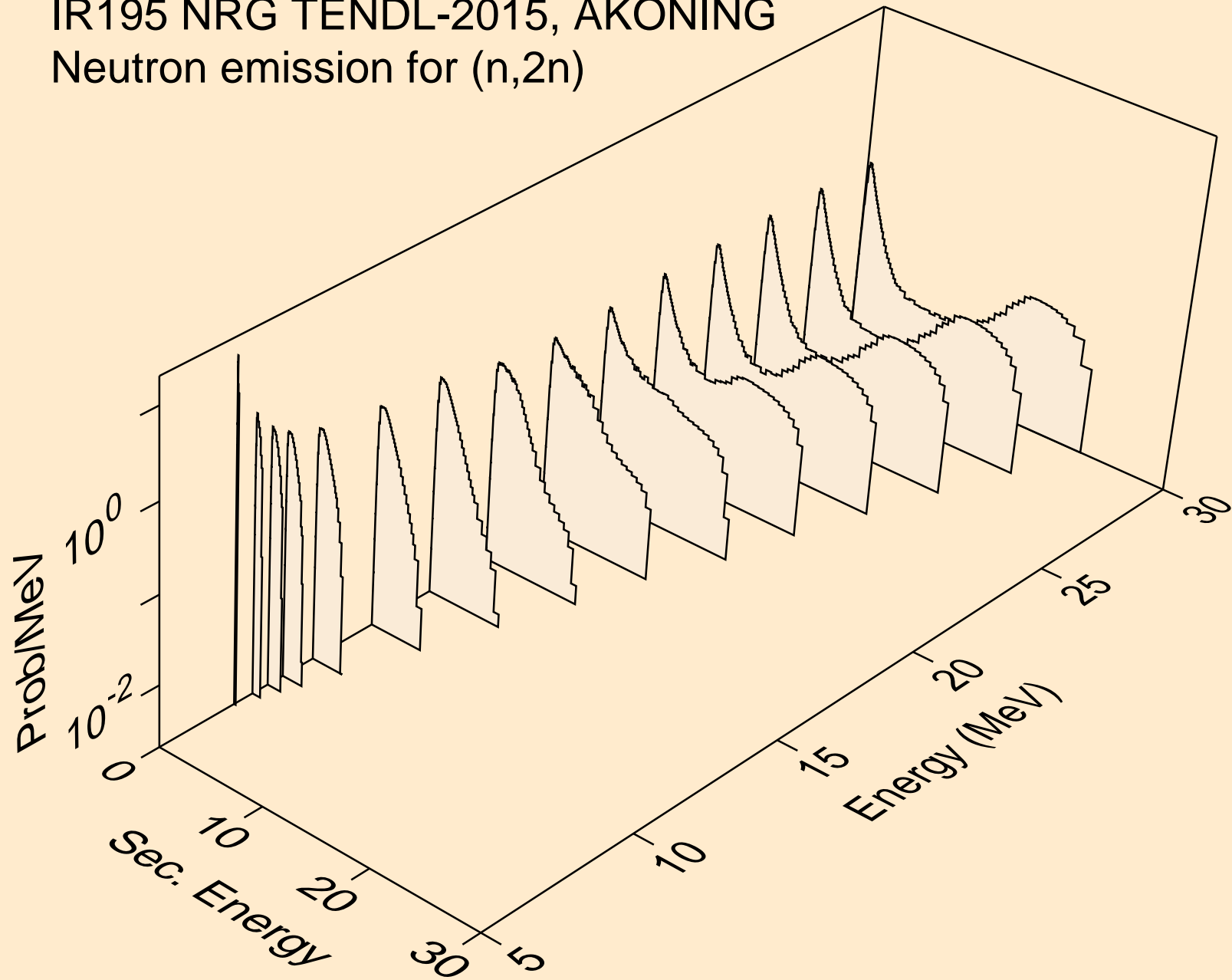




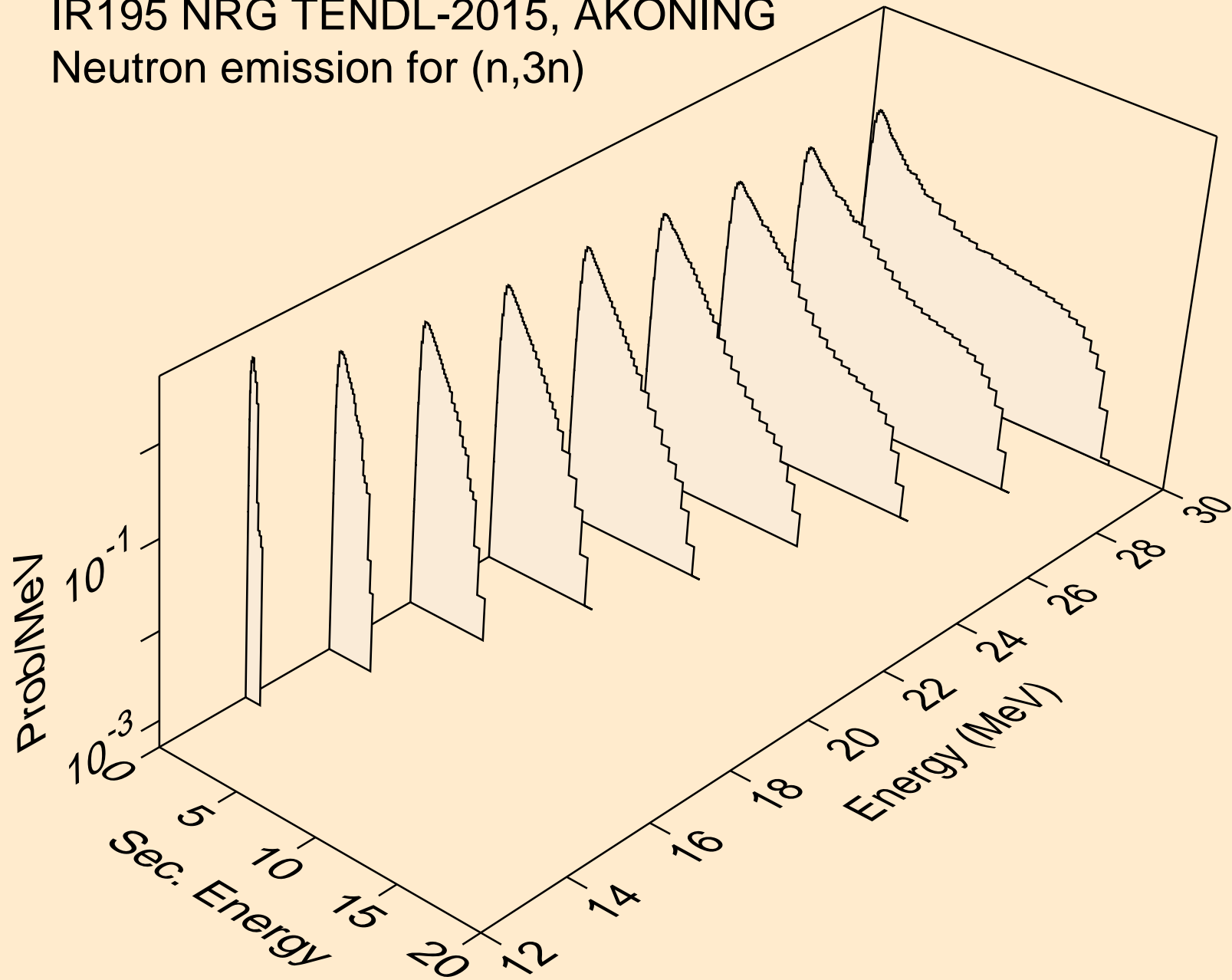
IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



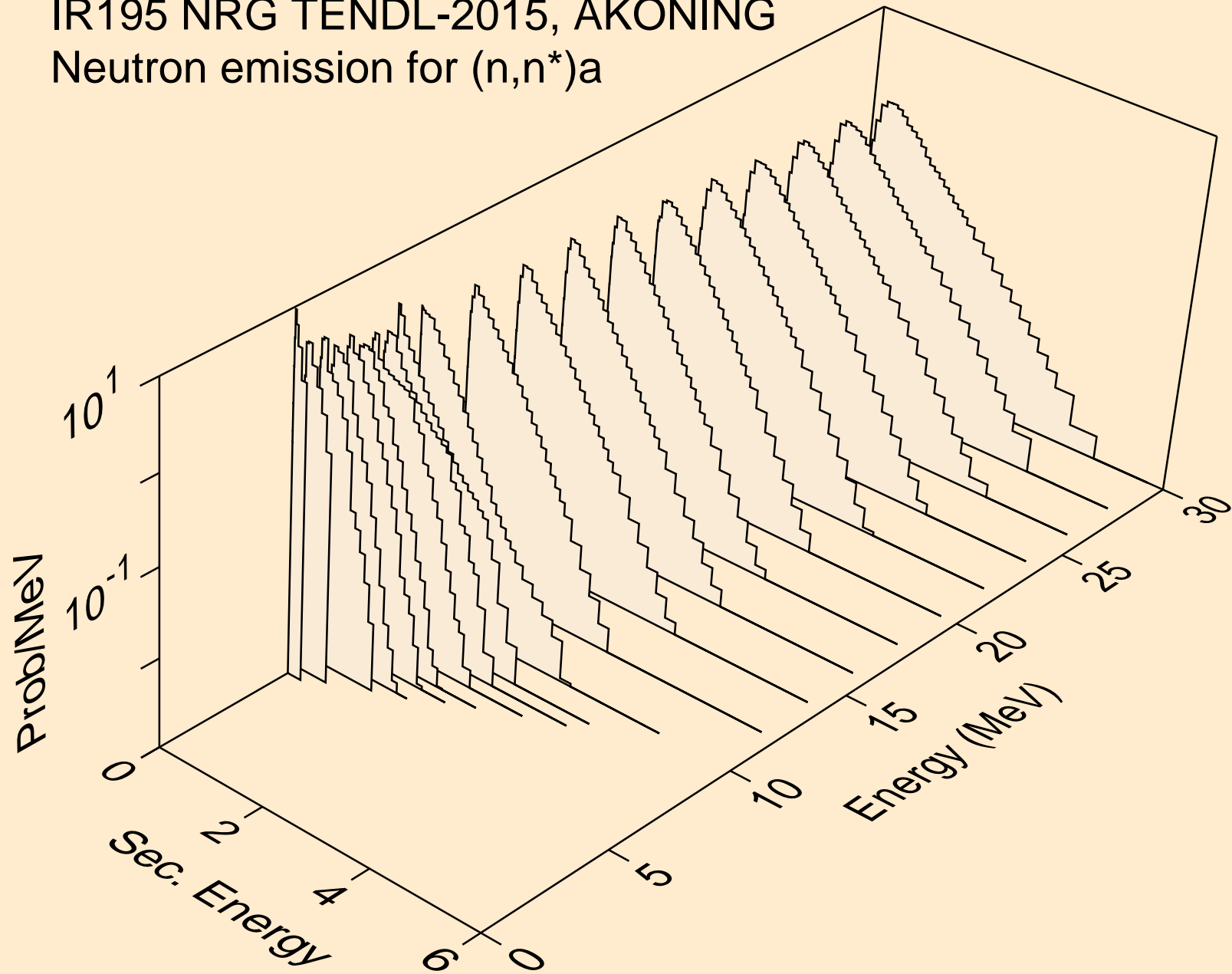
IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



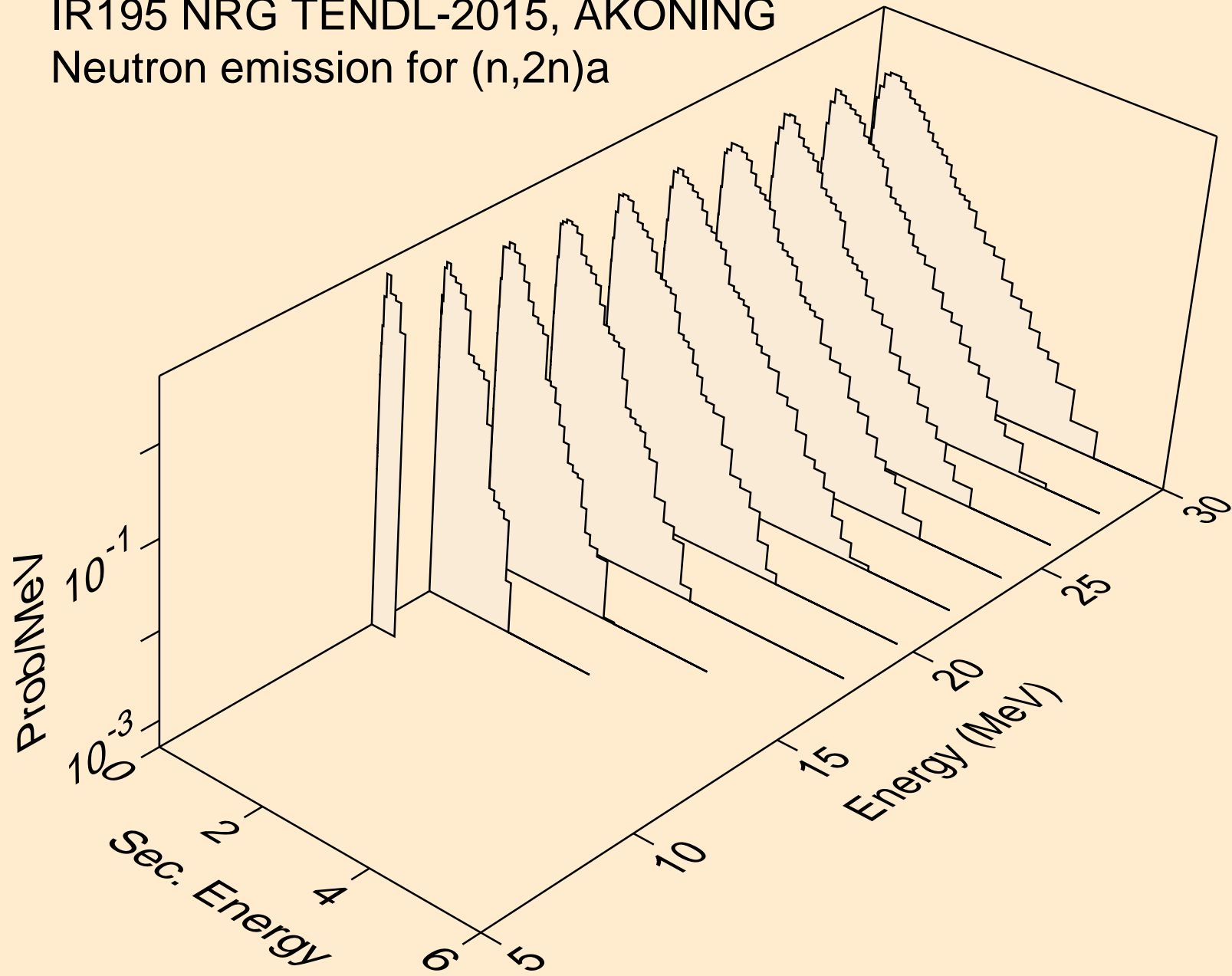
IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



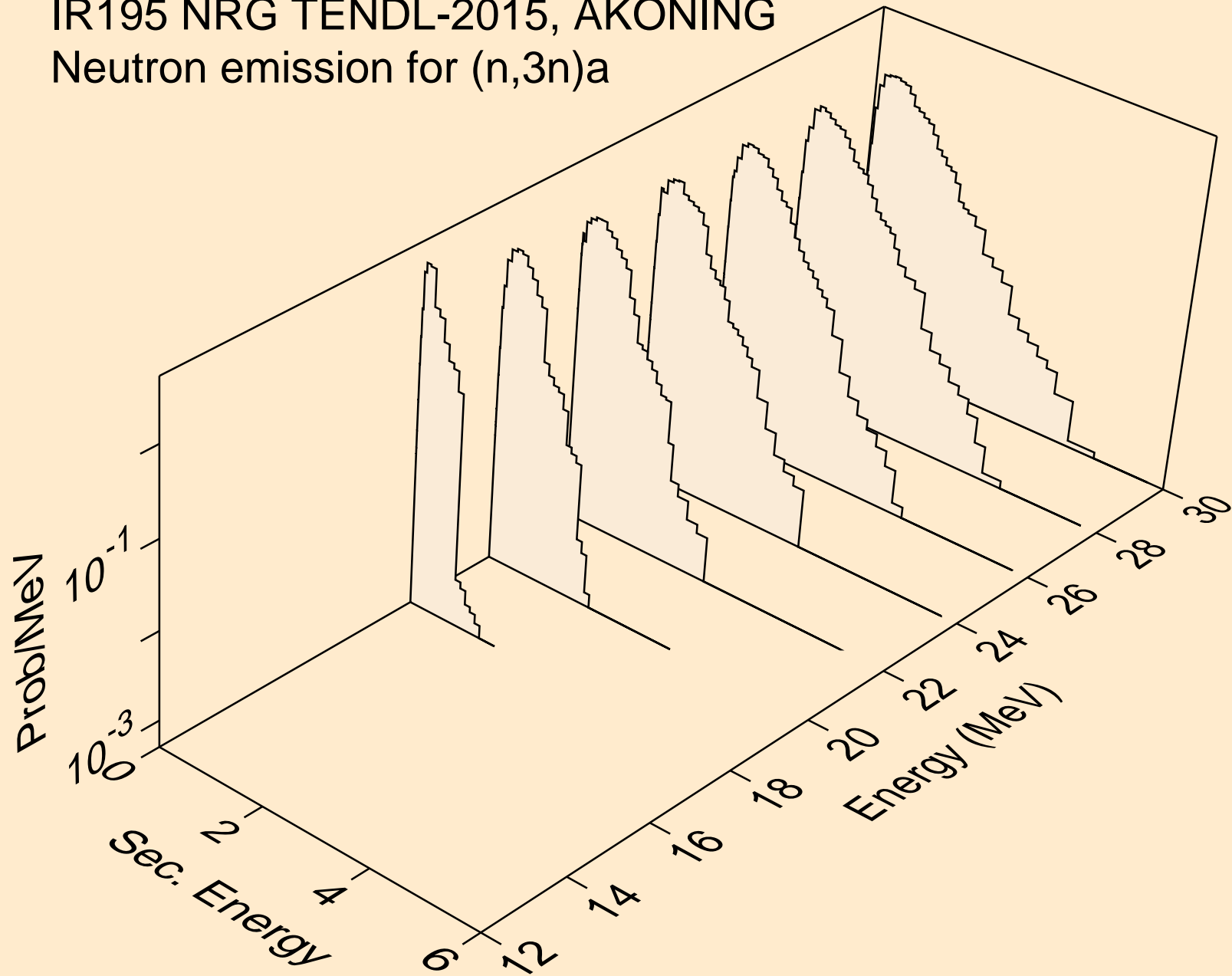
IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



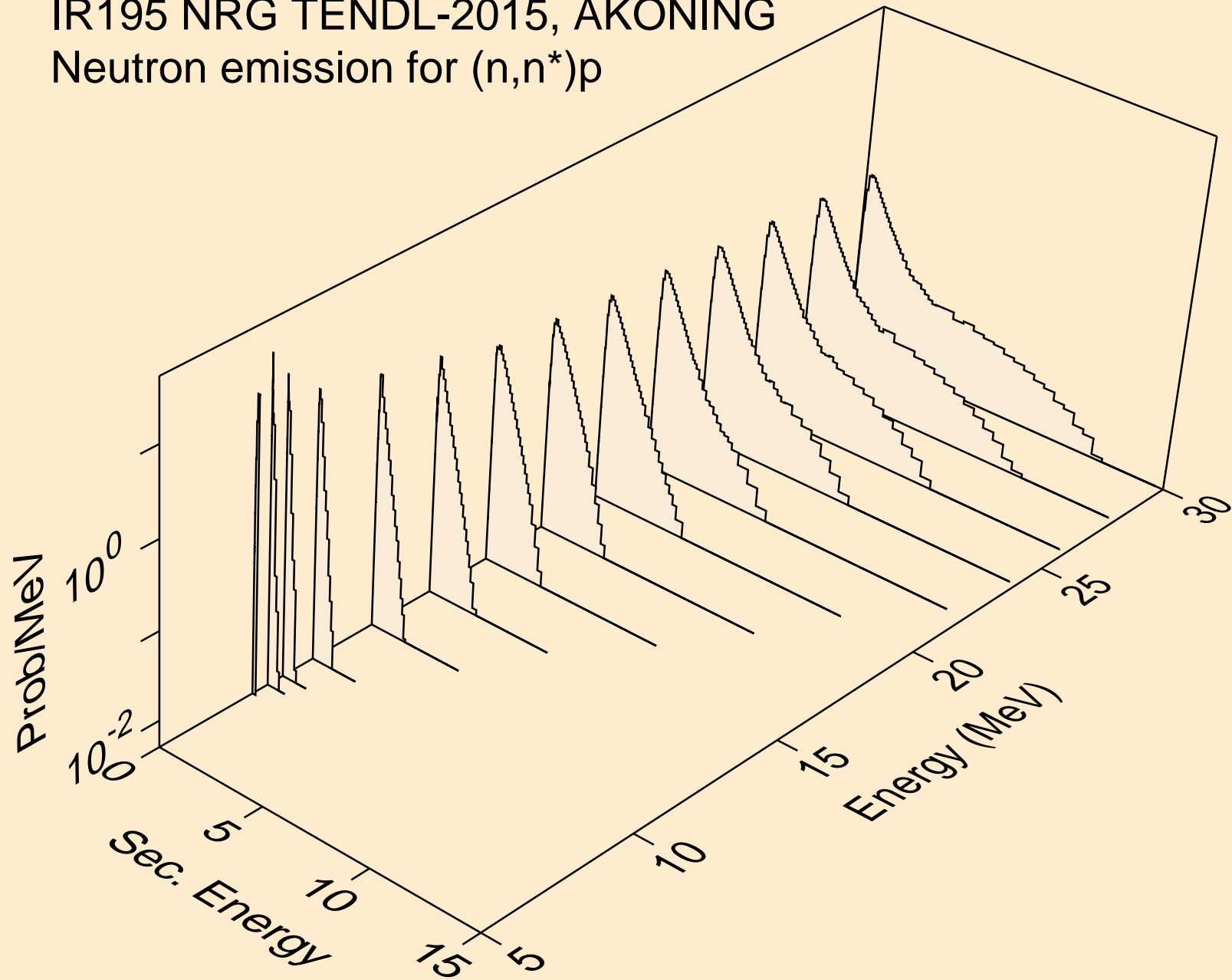
IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



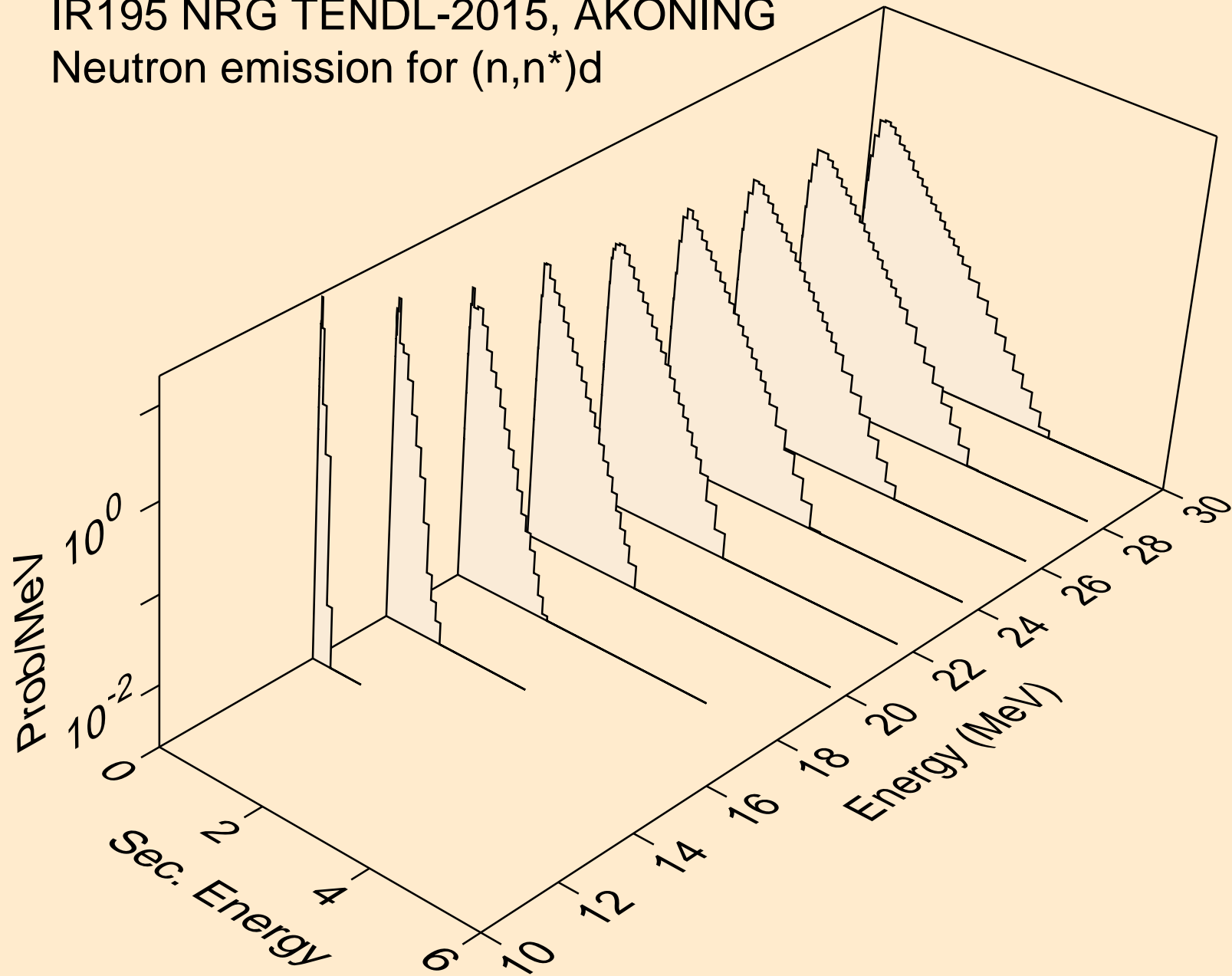
IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

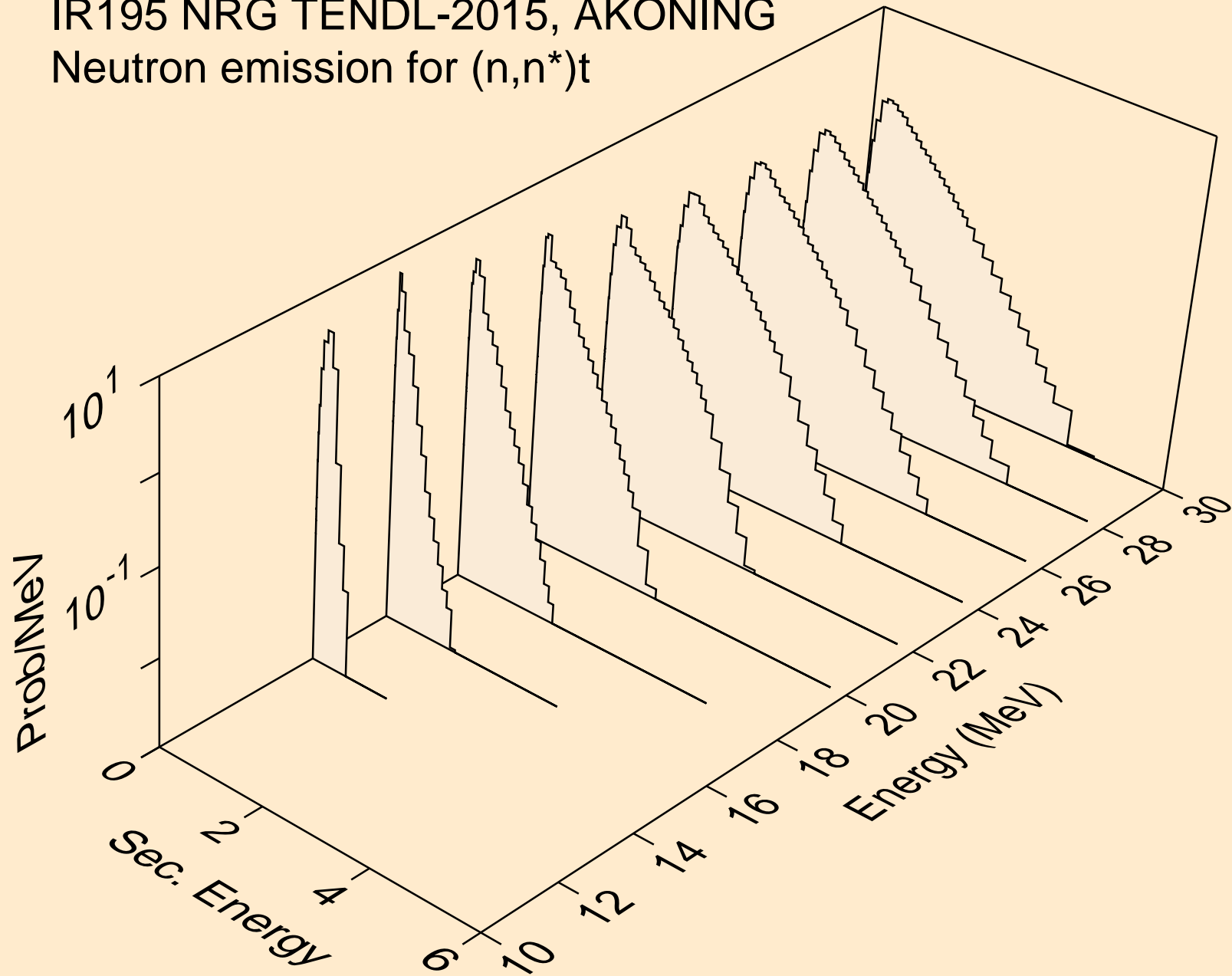


IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

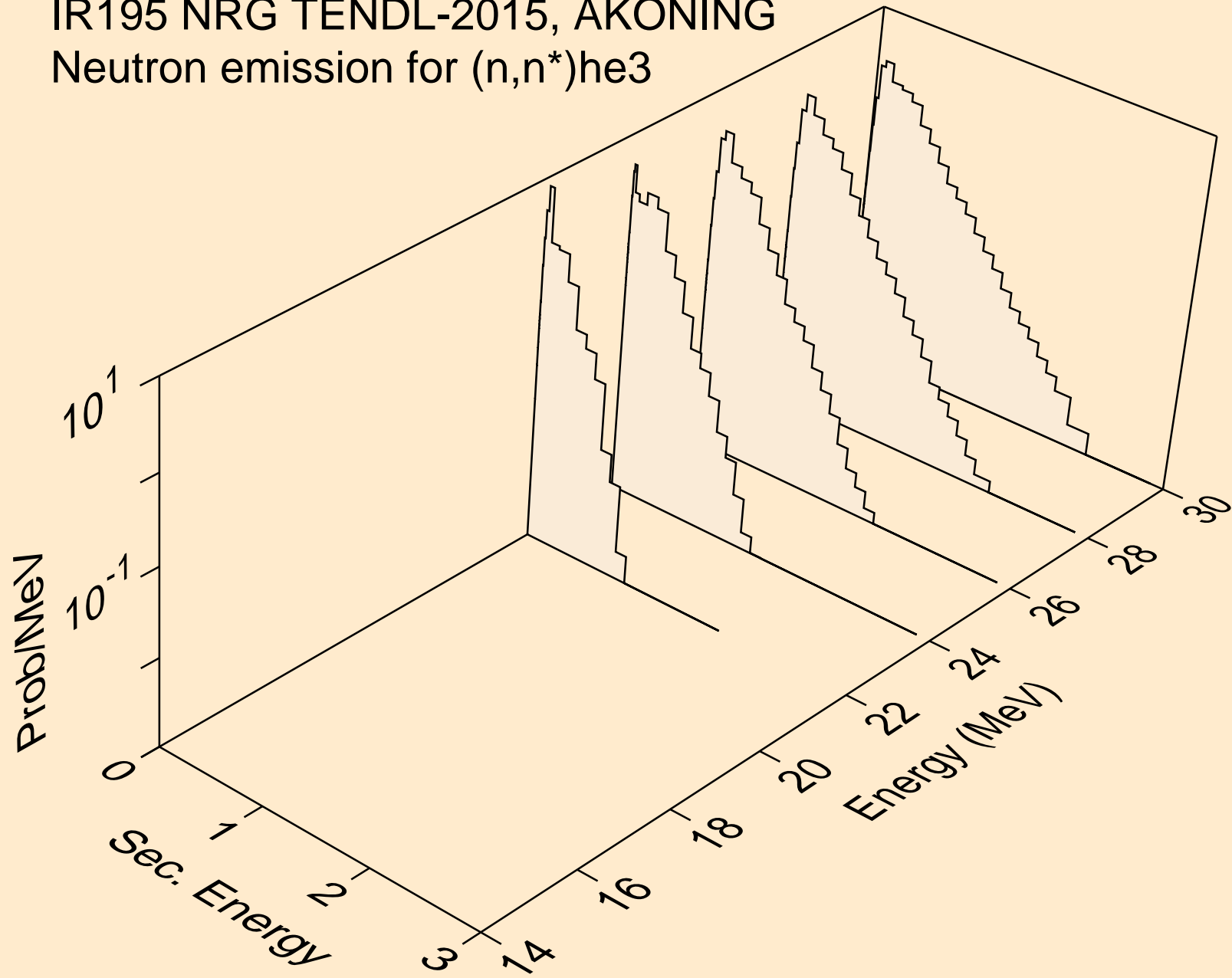




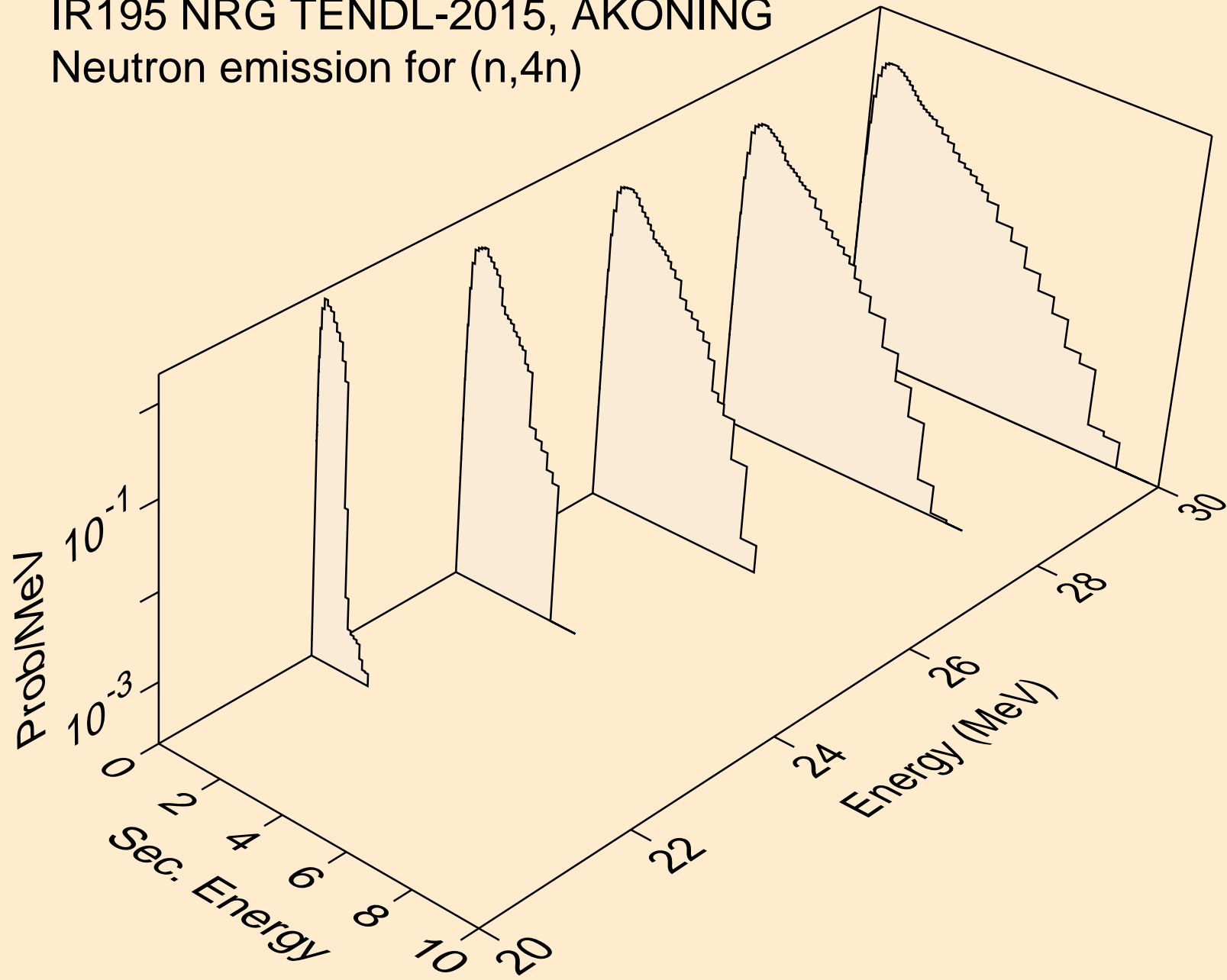
IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



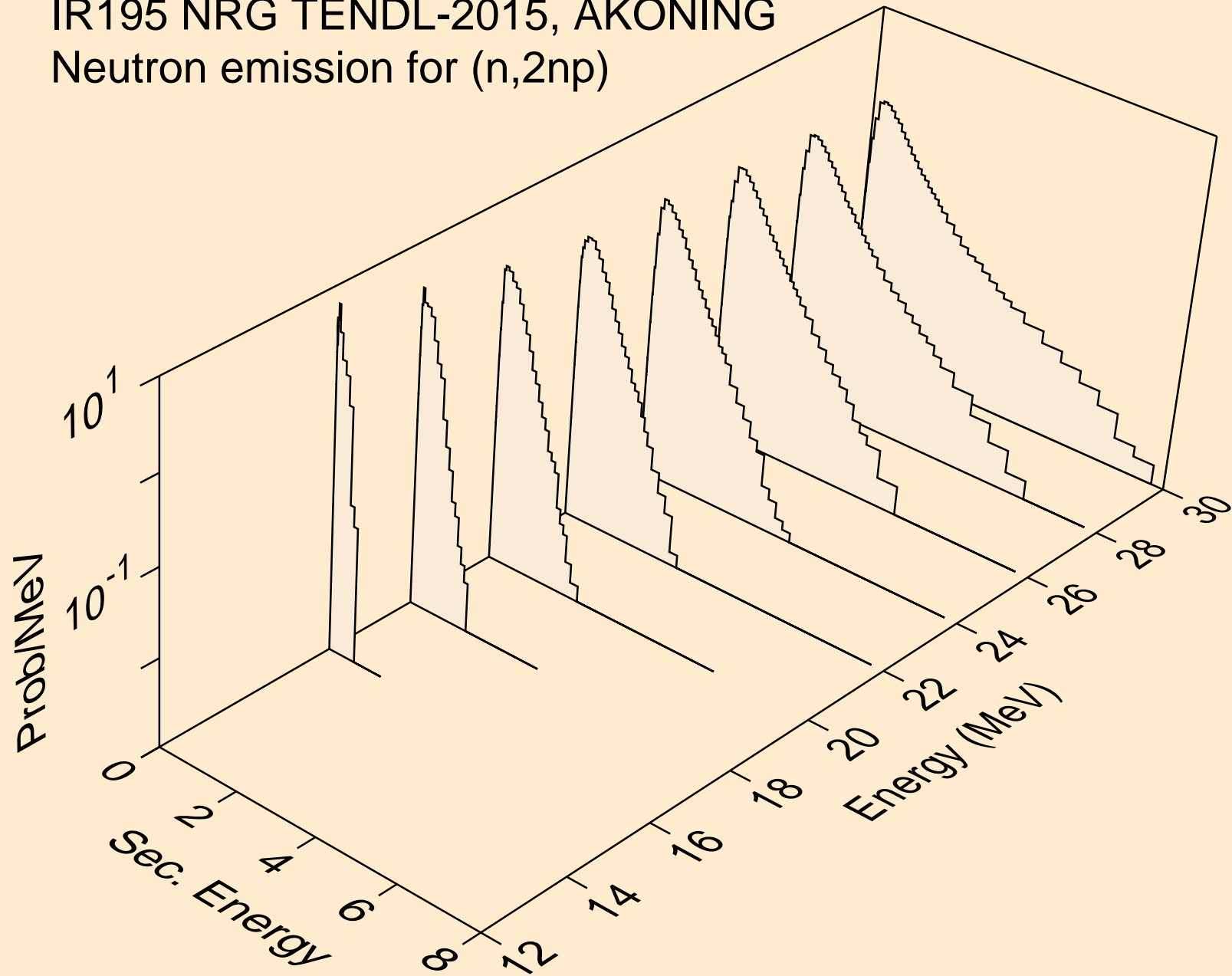
IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



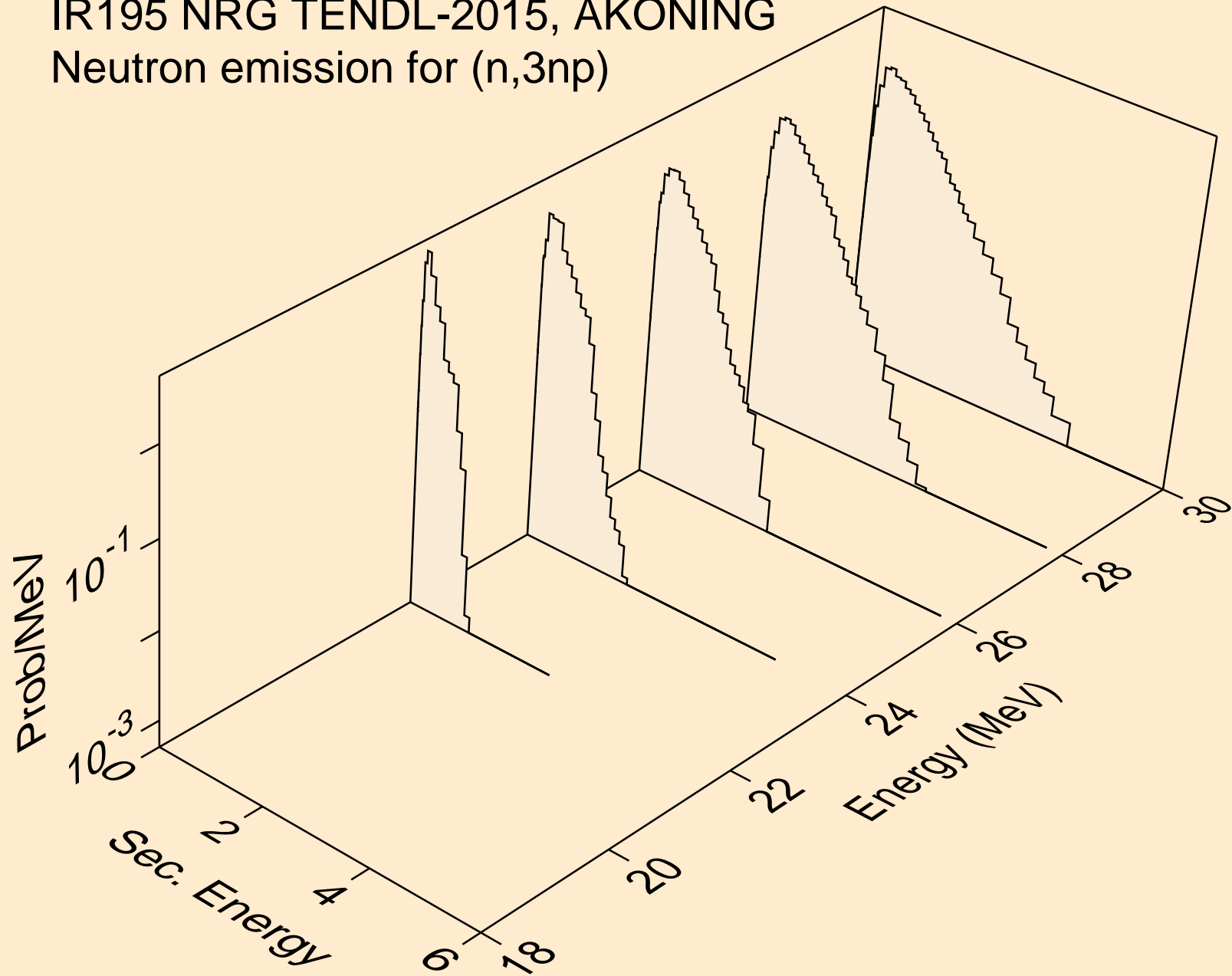
IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



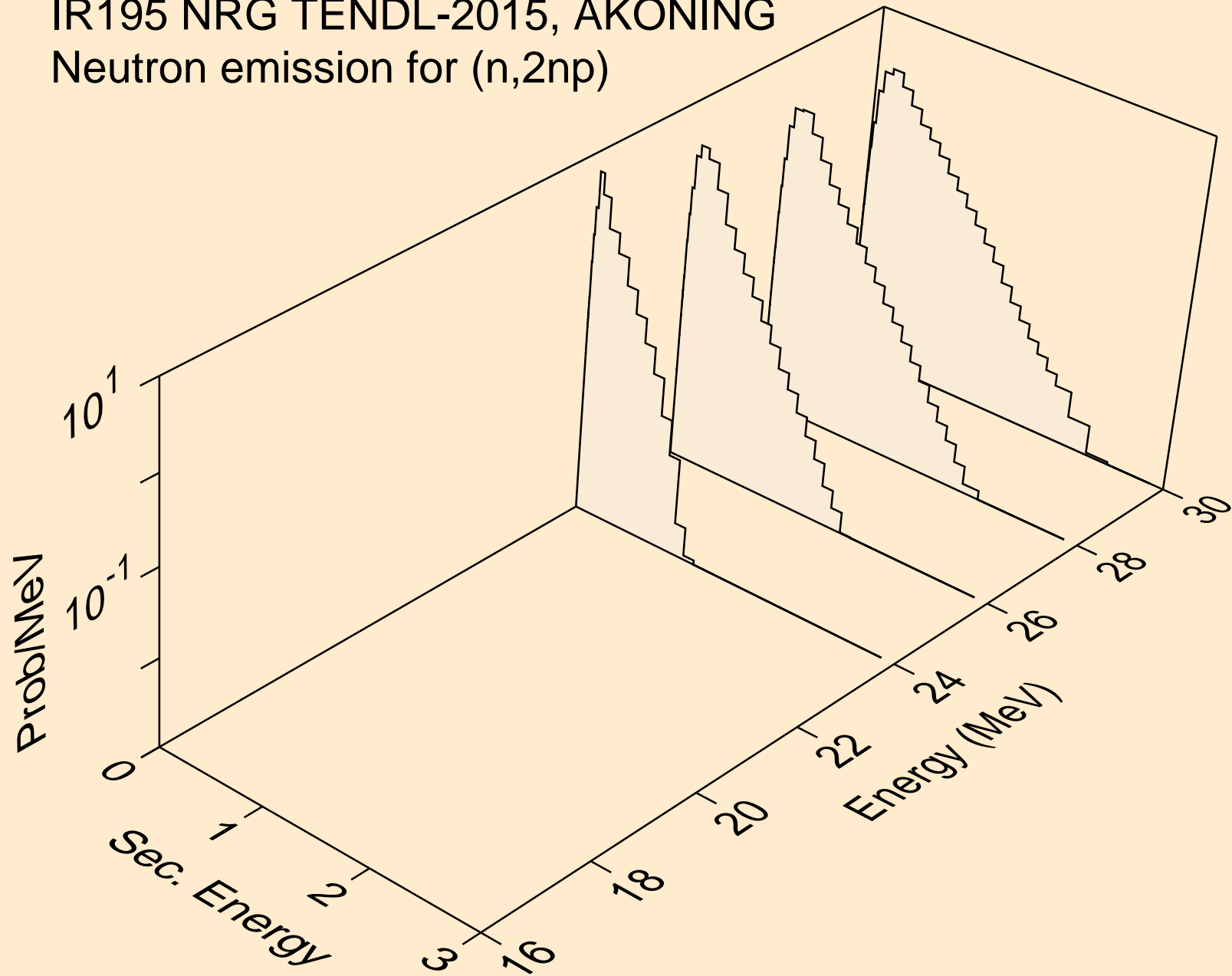
IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



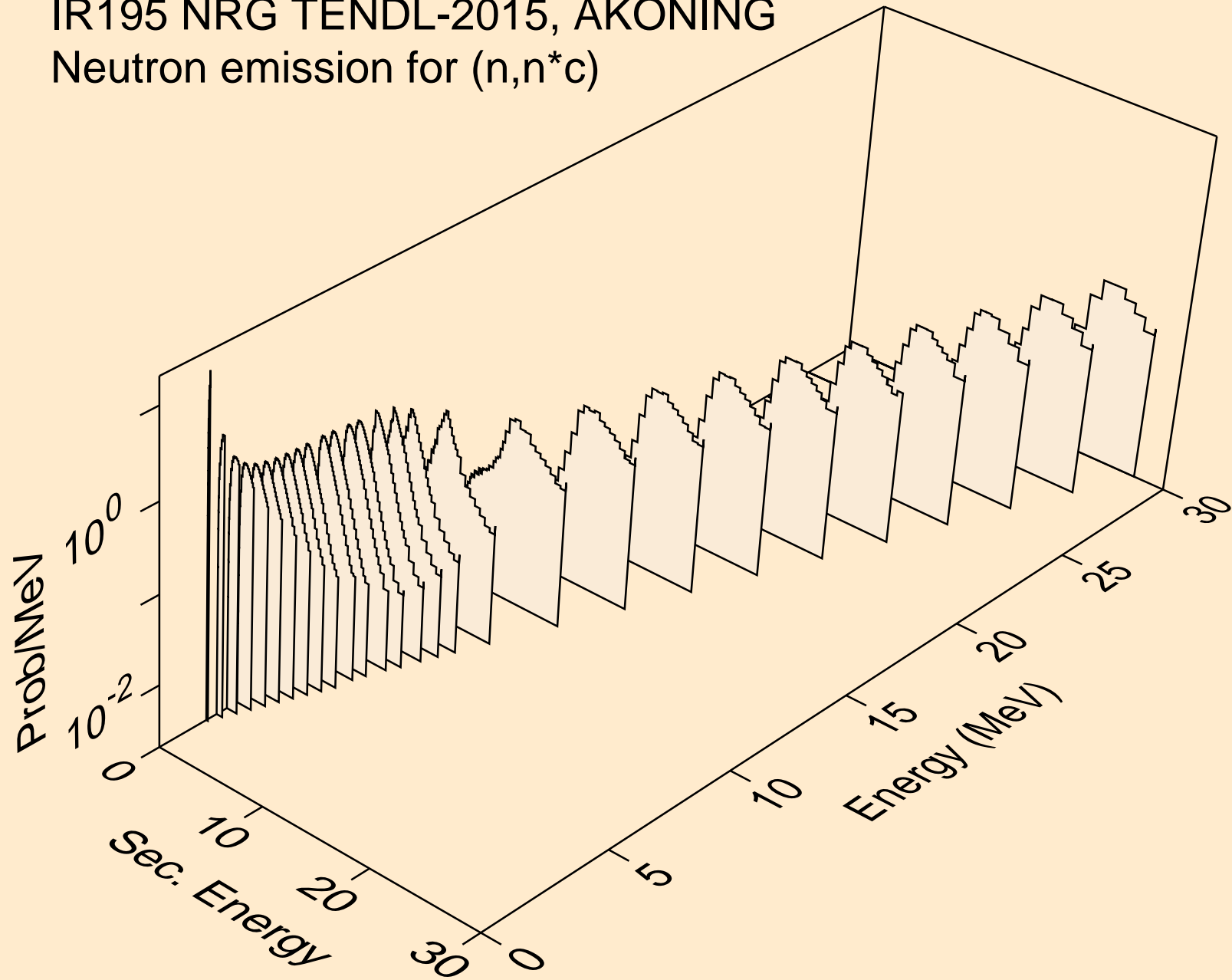
IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



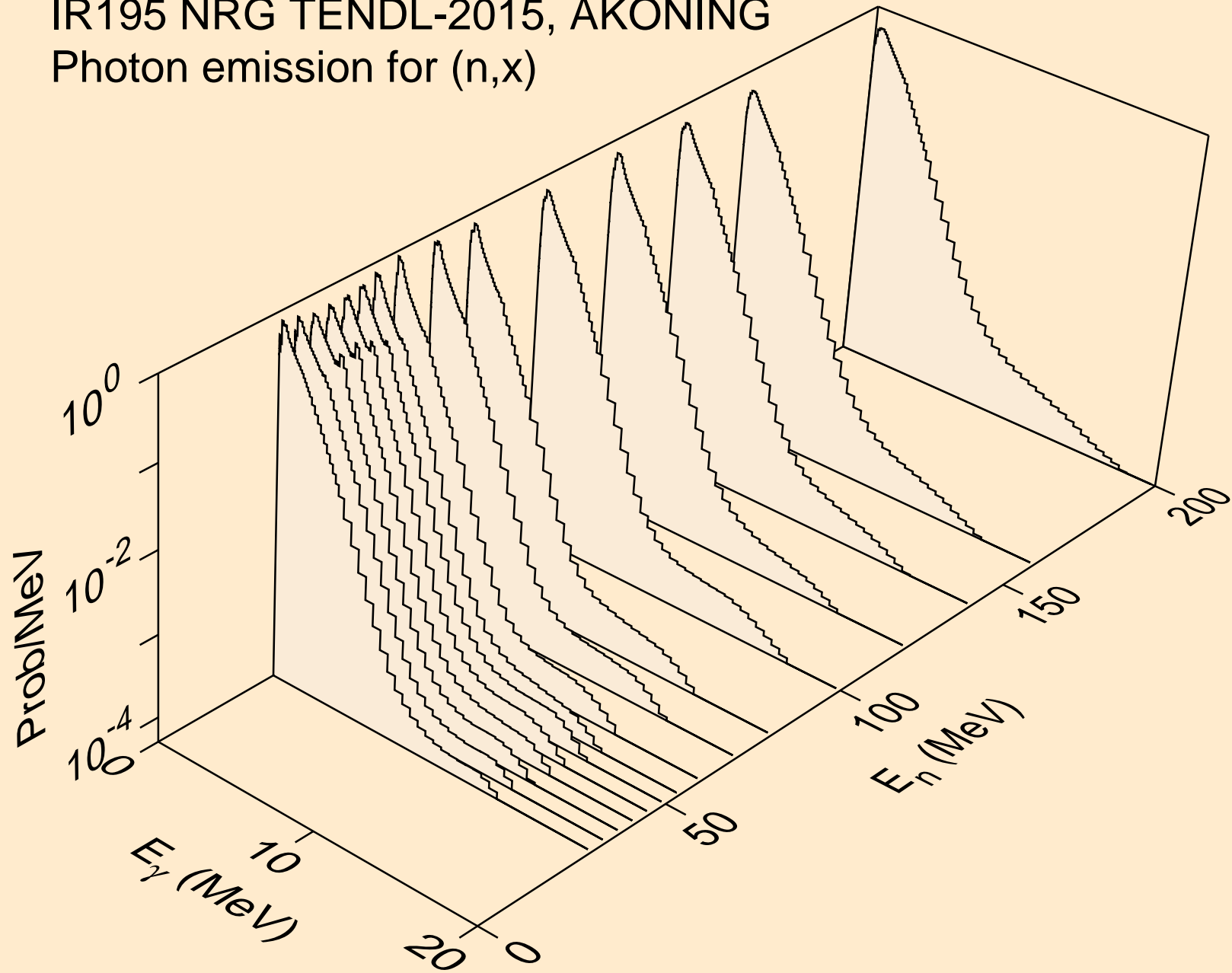
IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



IR195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

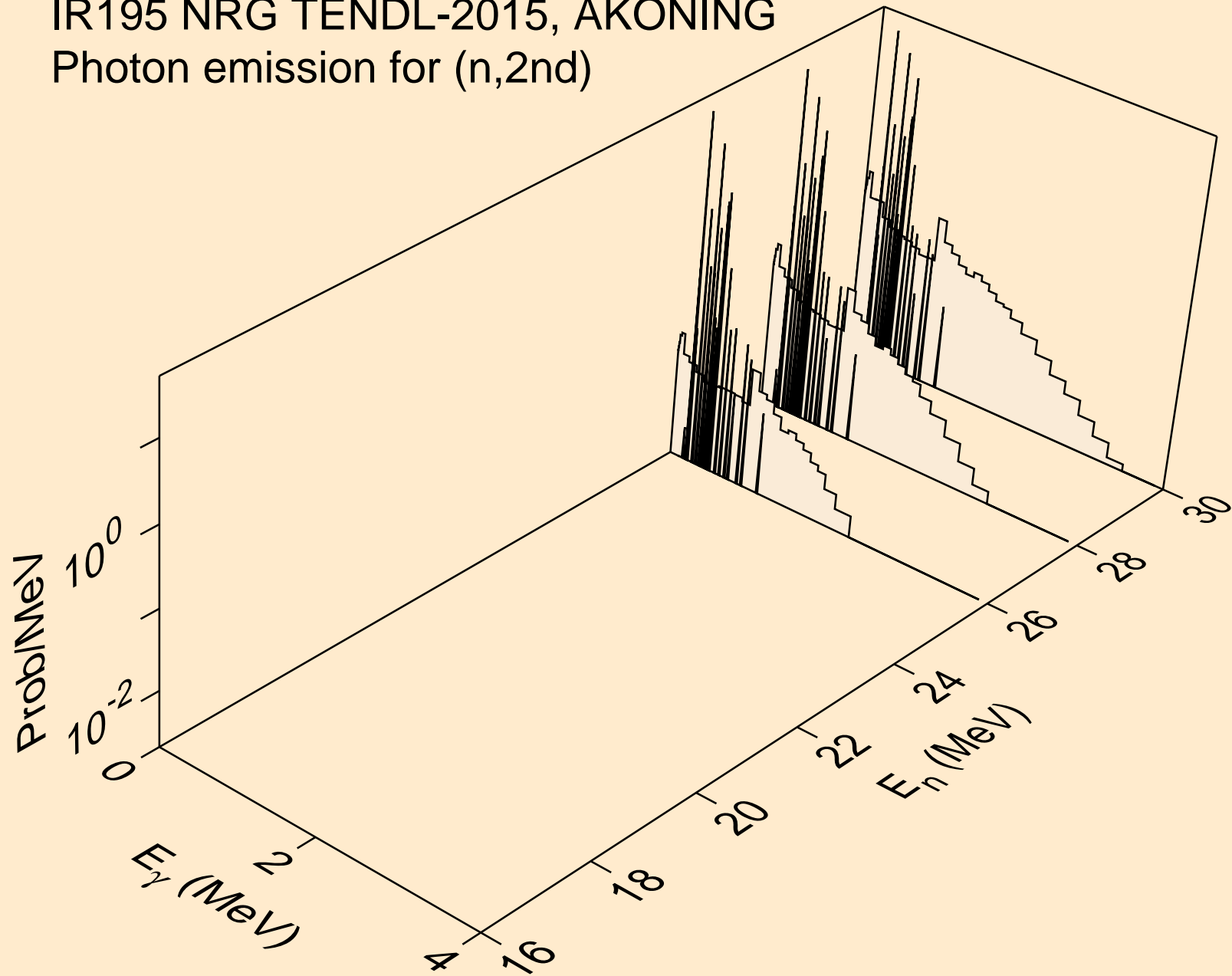


IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

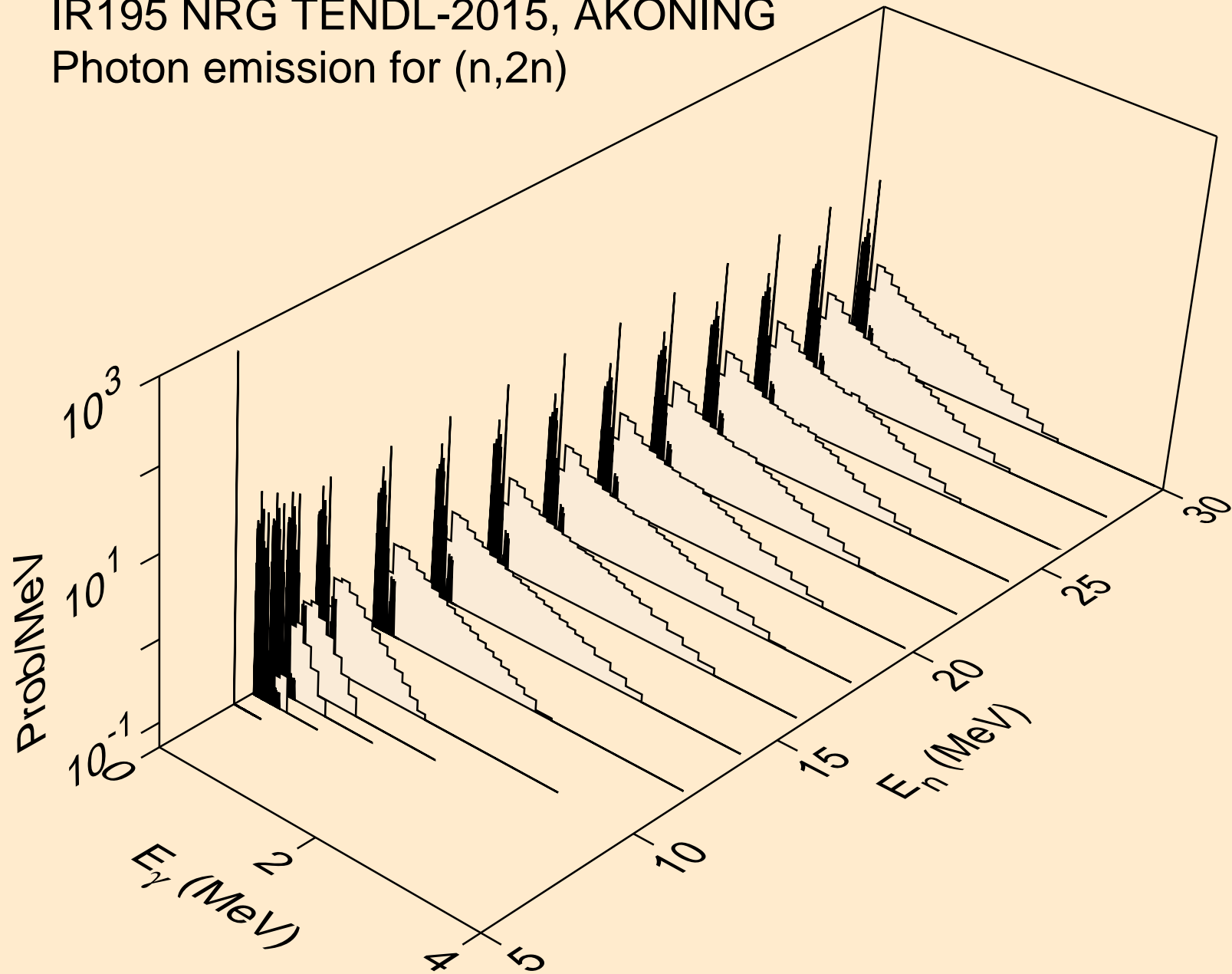




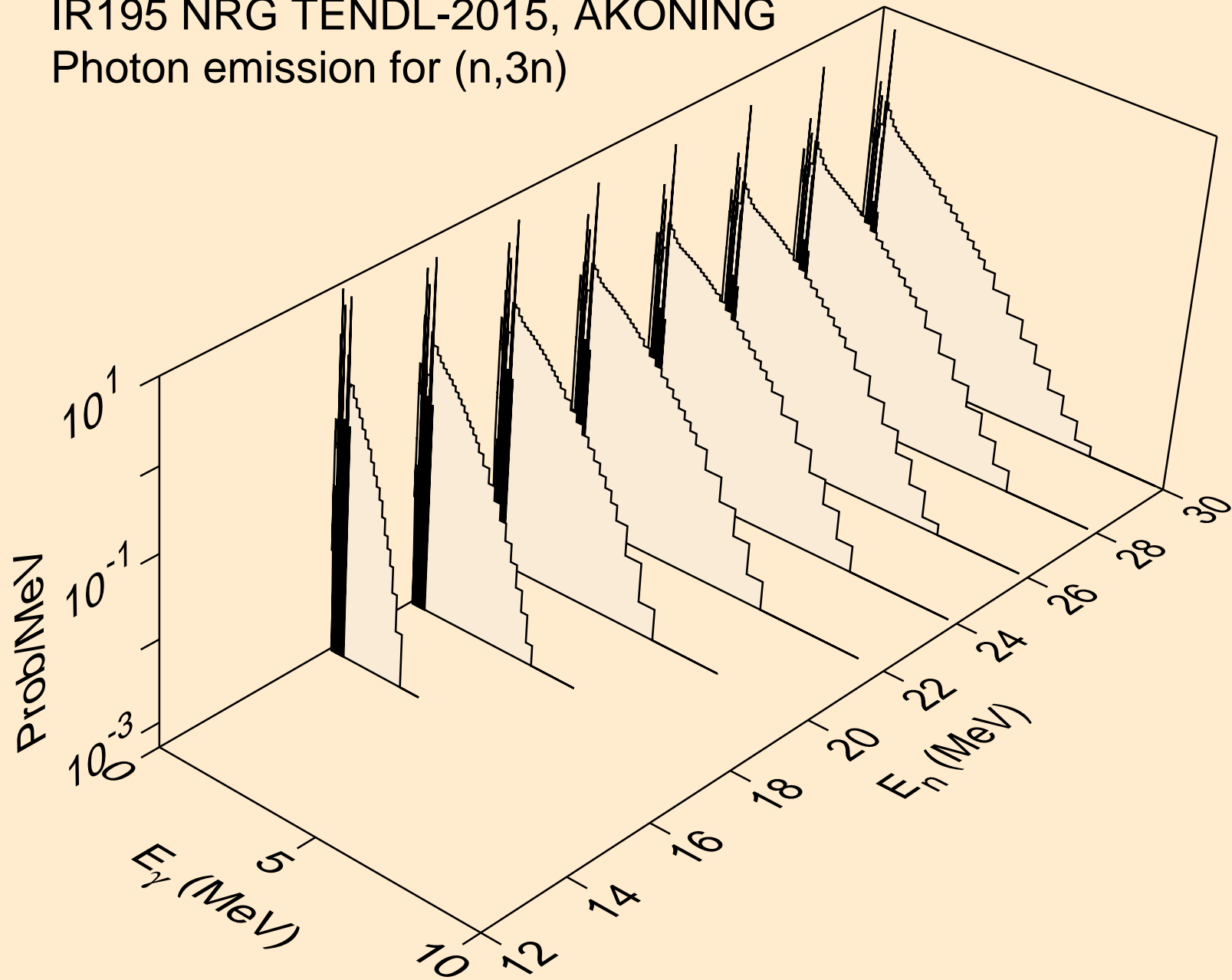
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



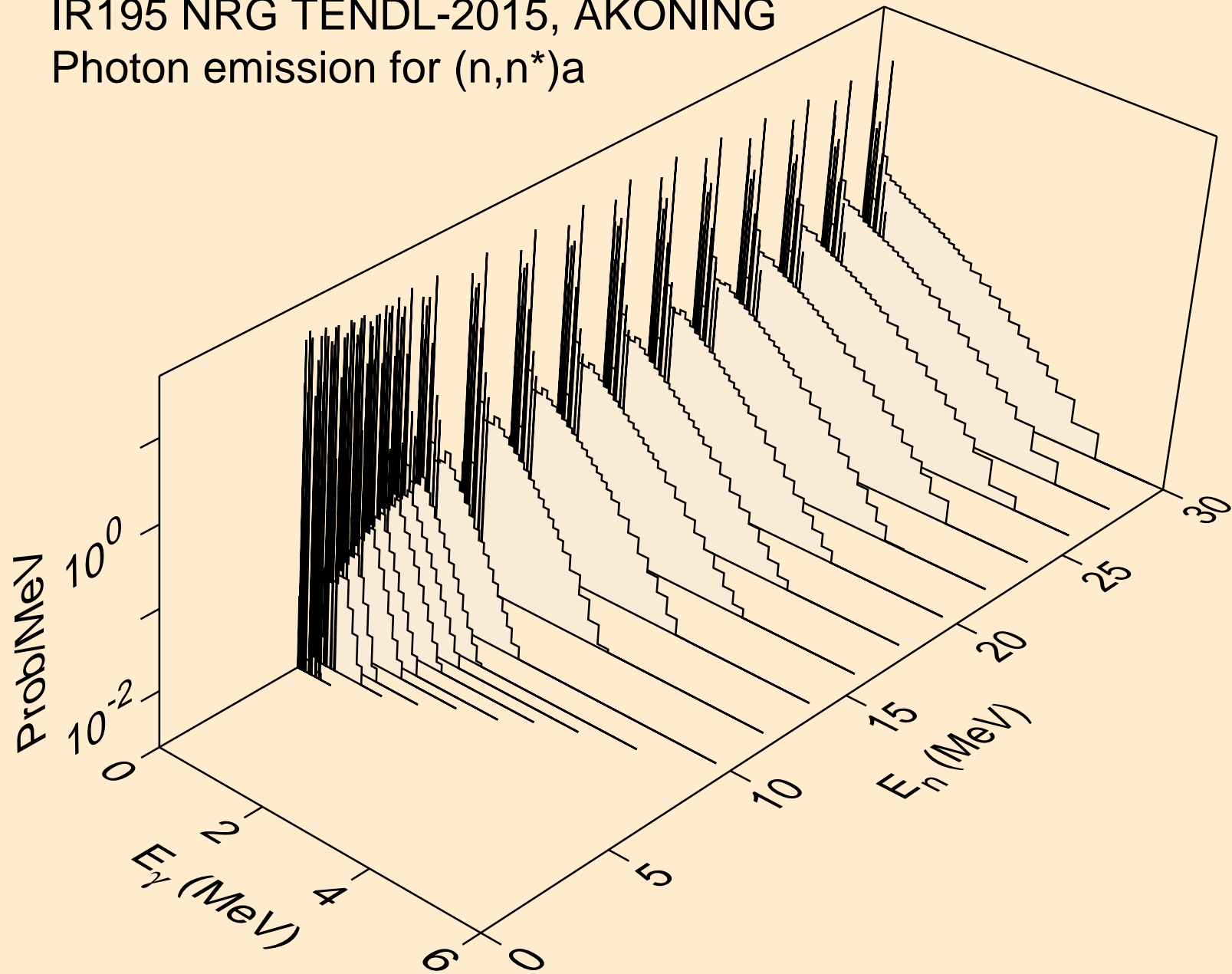
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



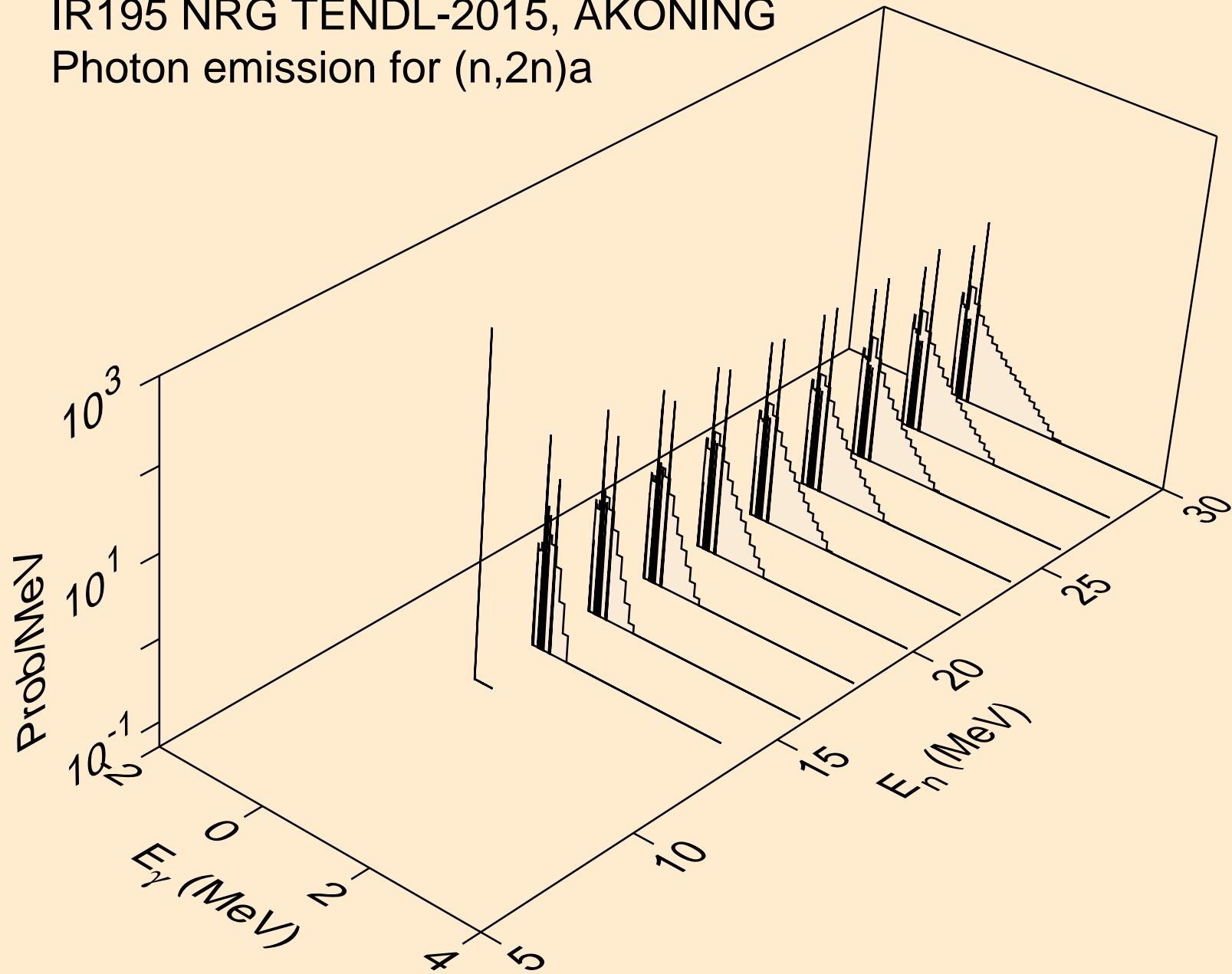
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



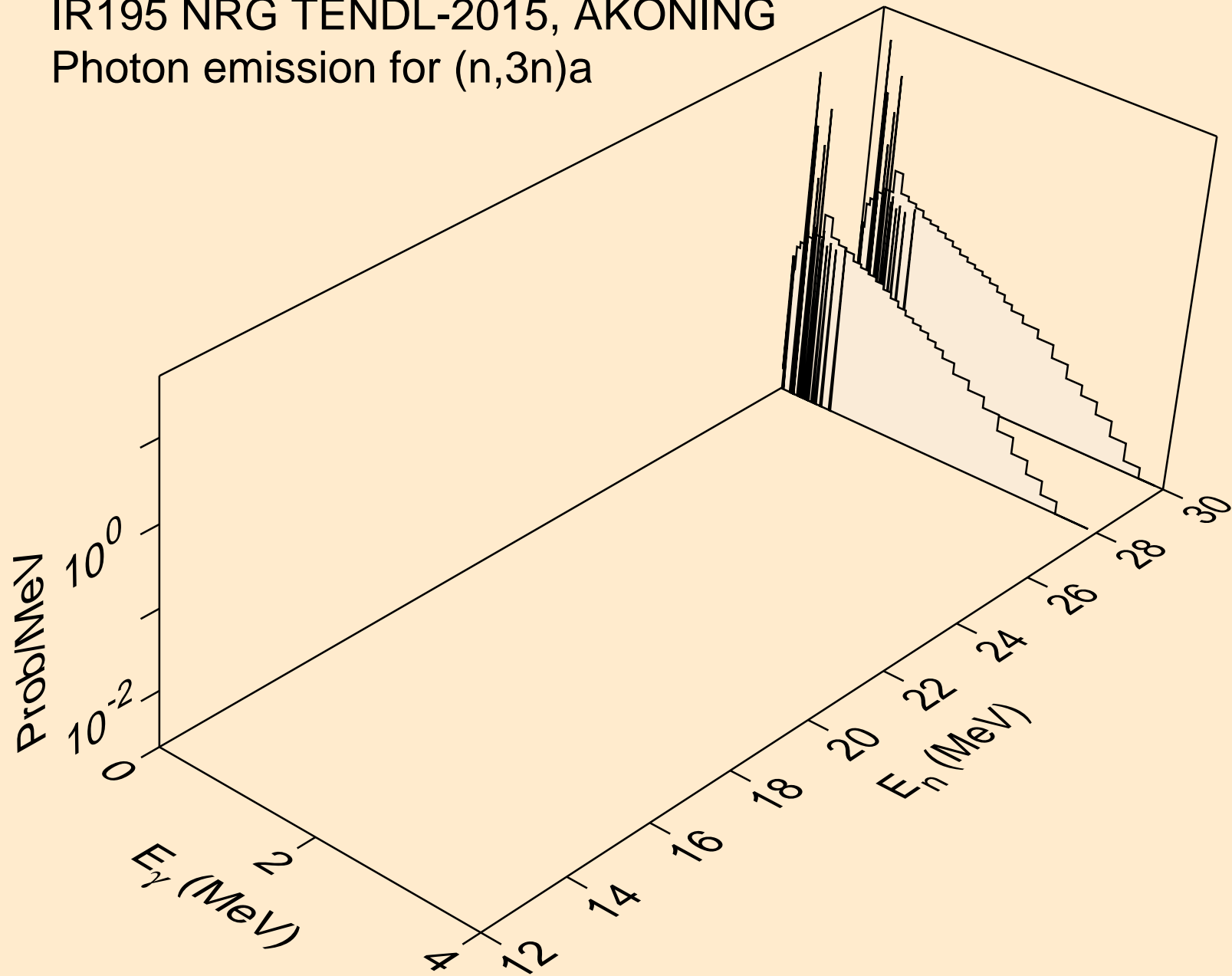
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



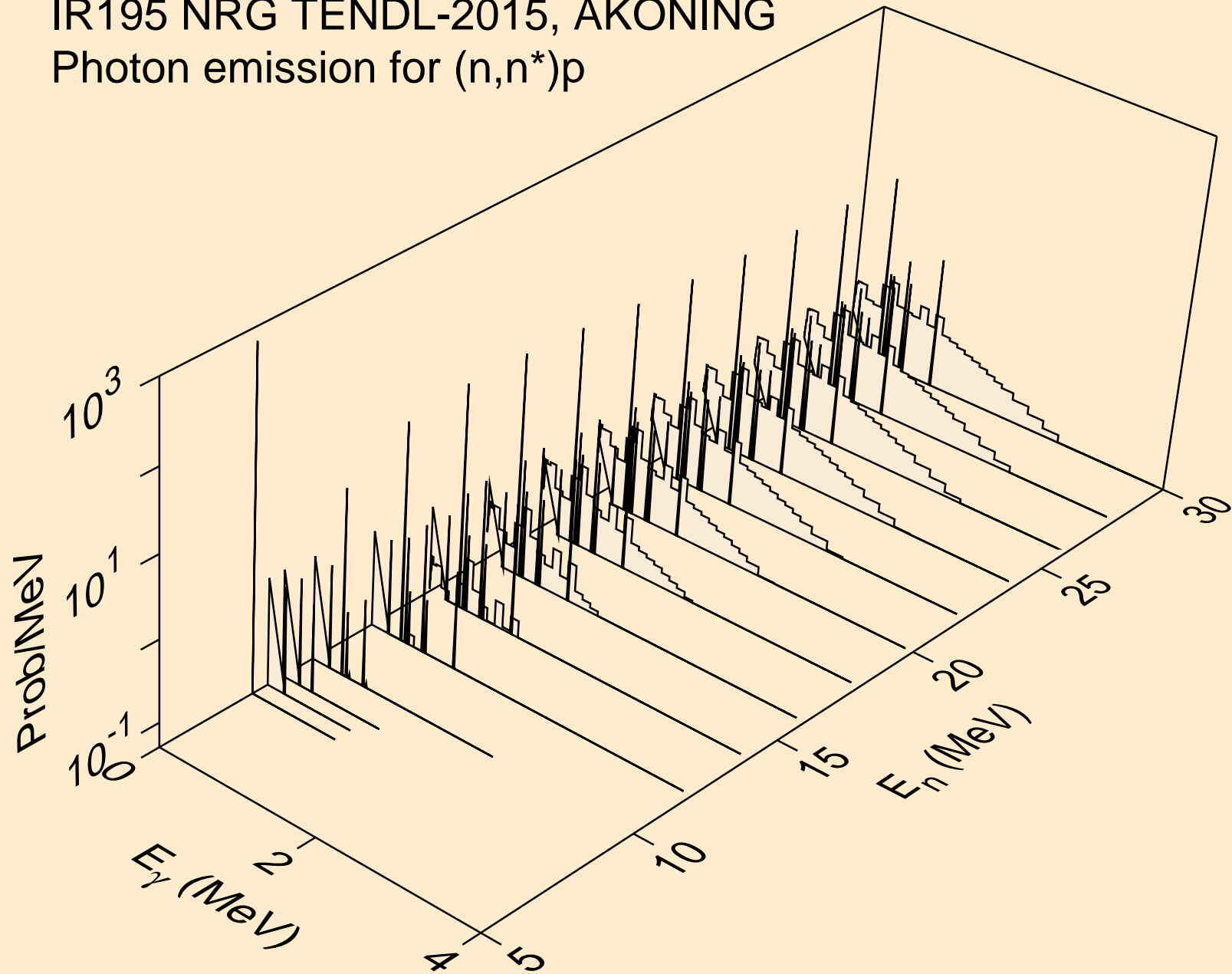
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



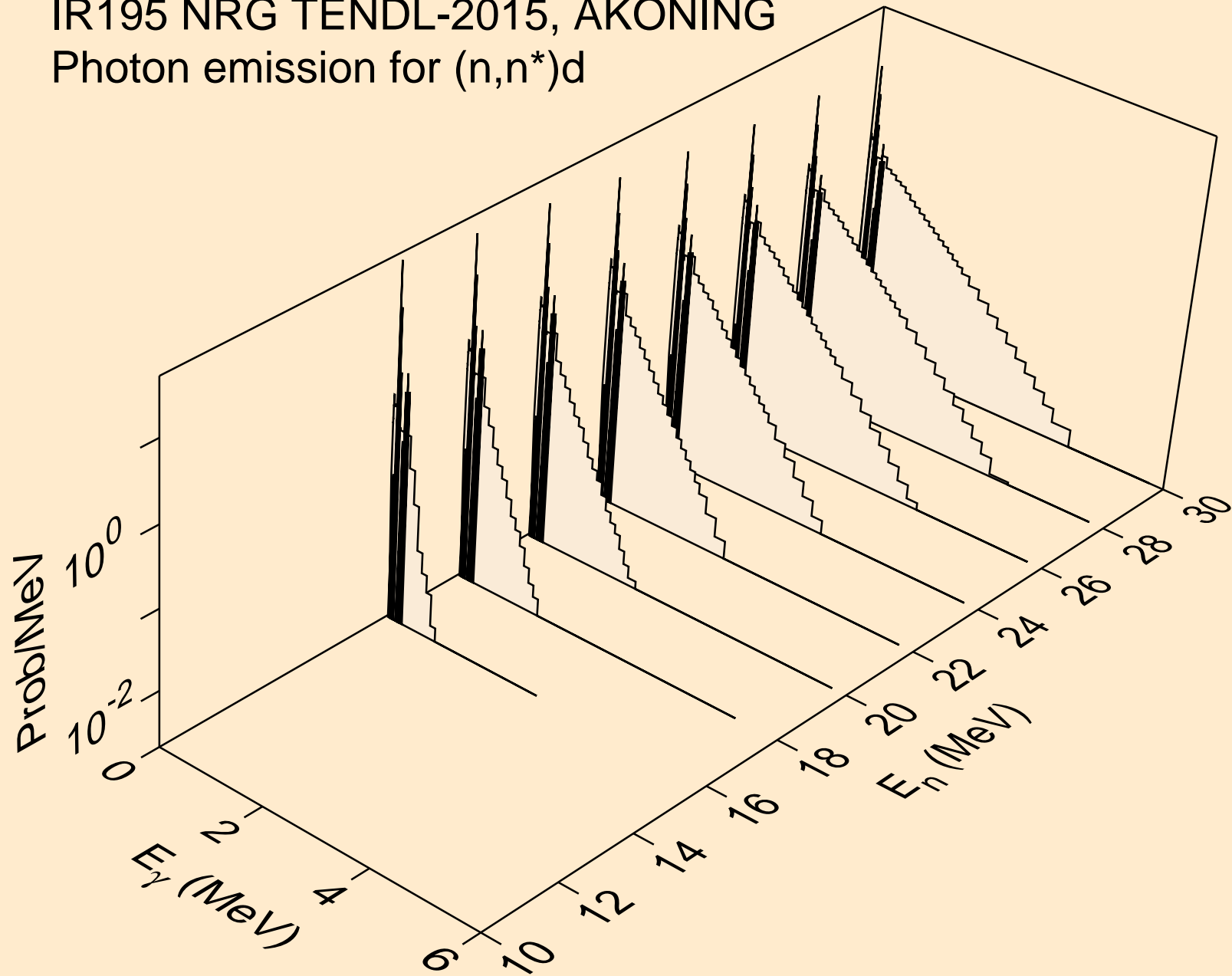
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

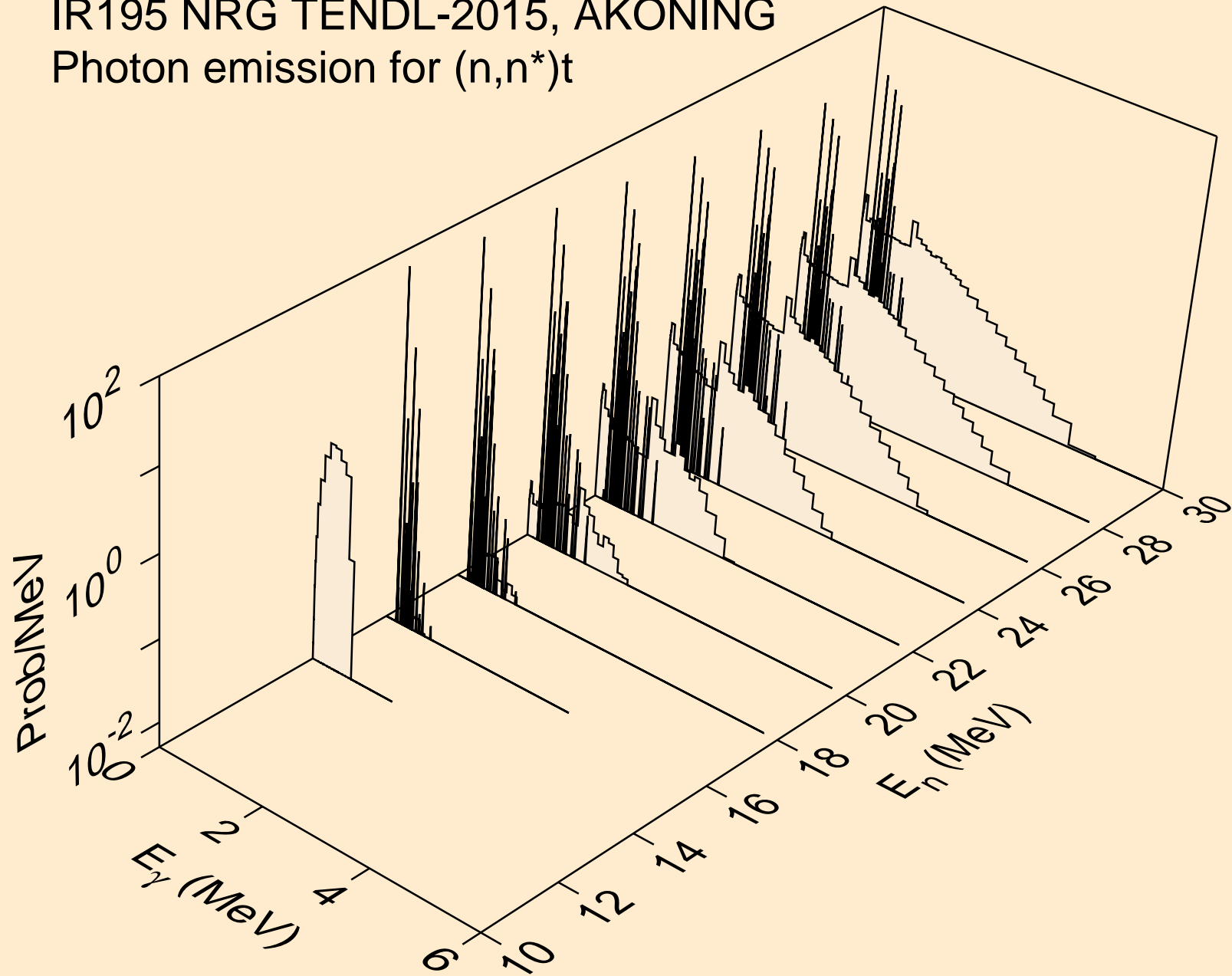


IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

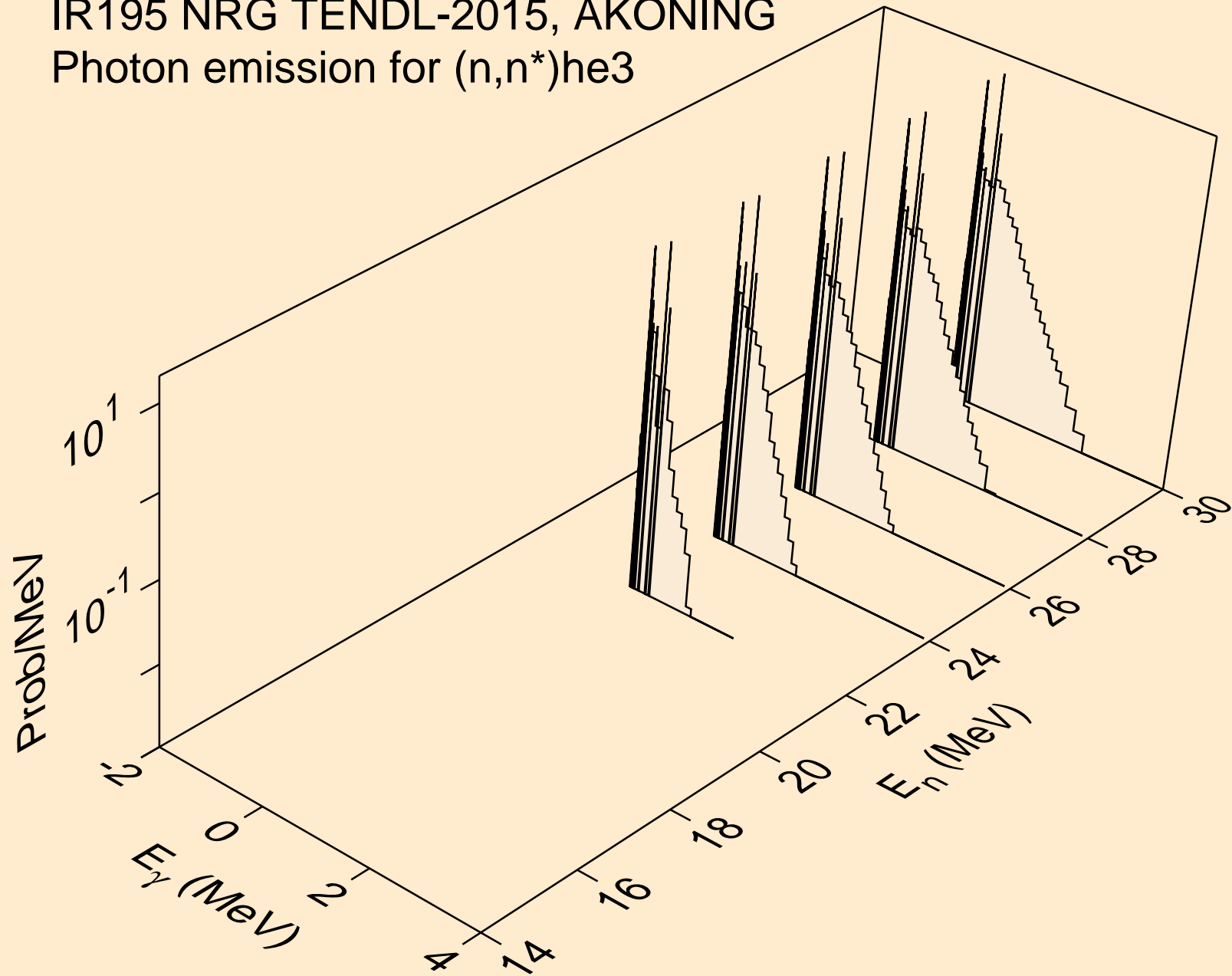




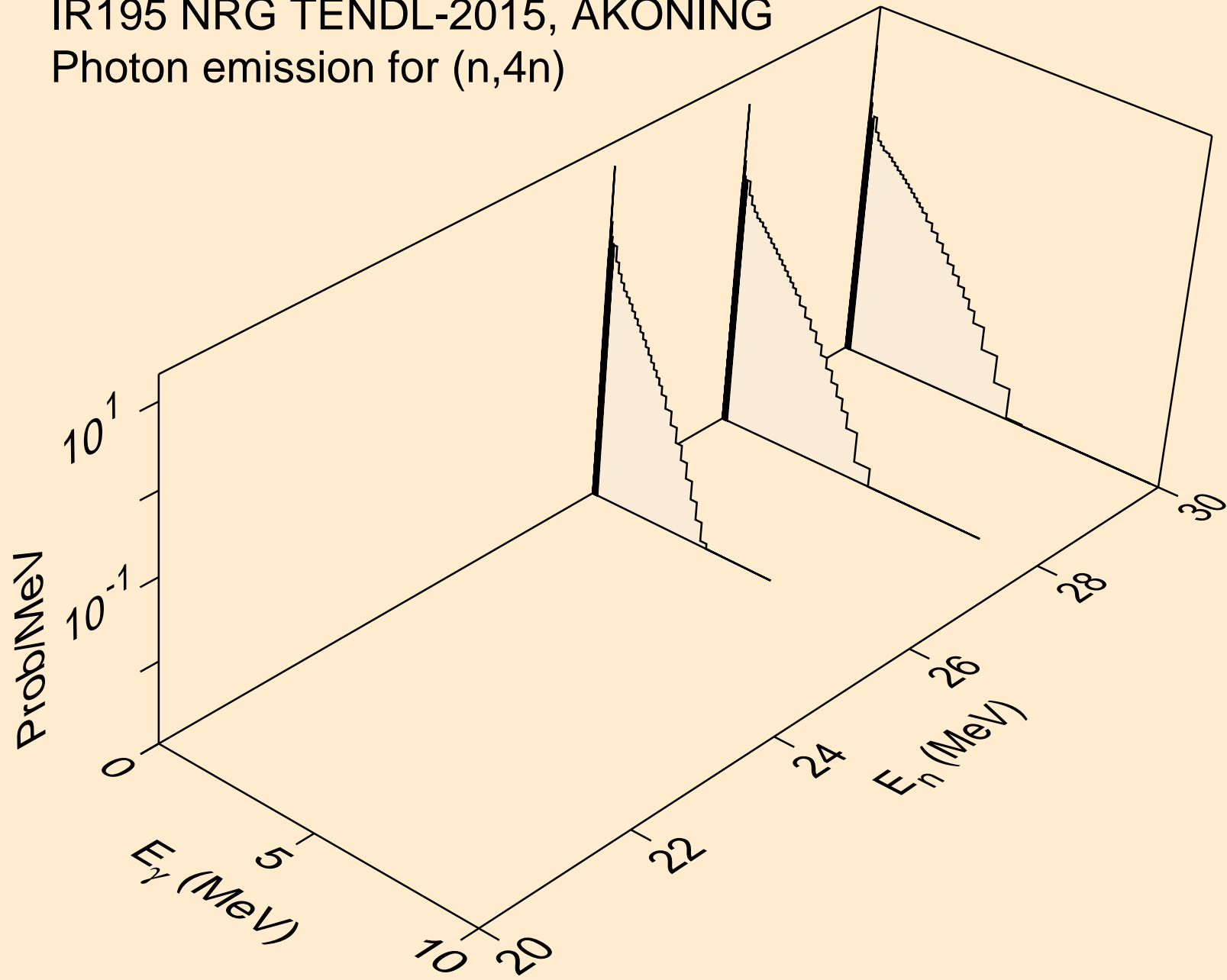
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



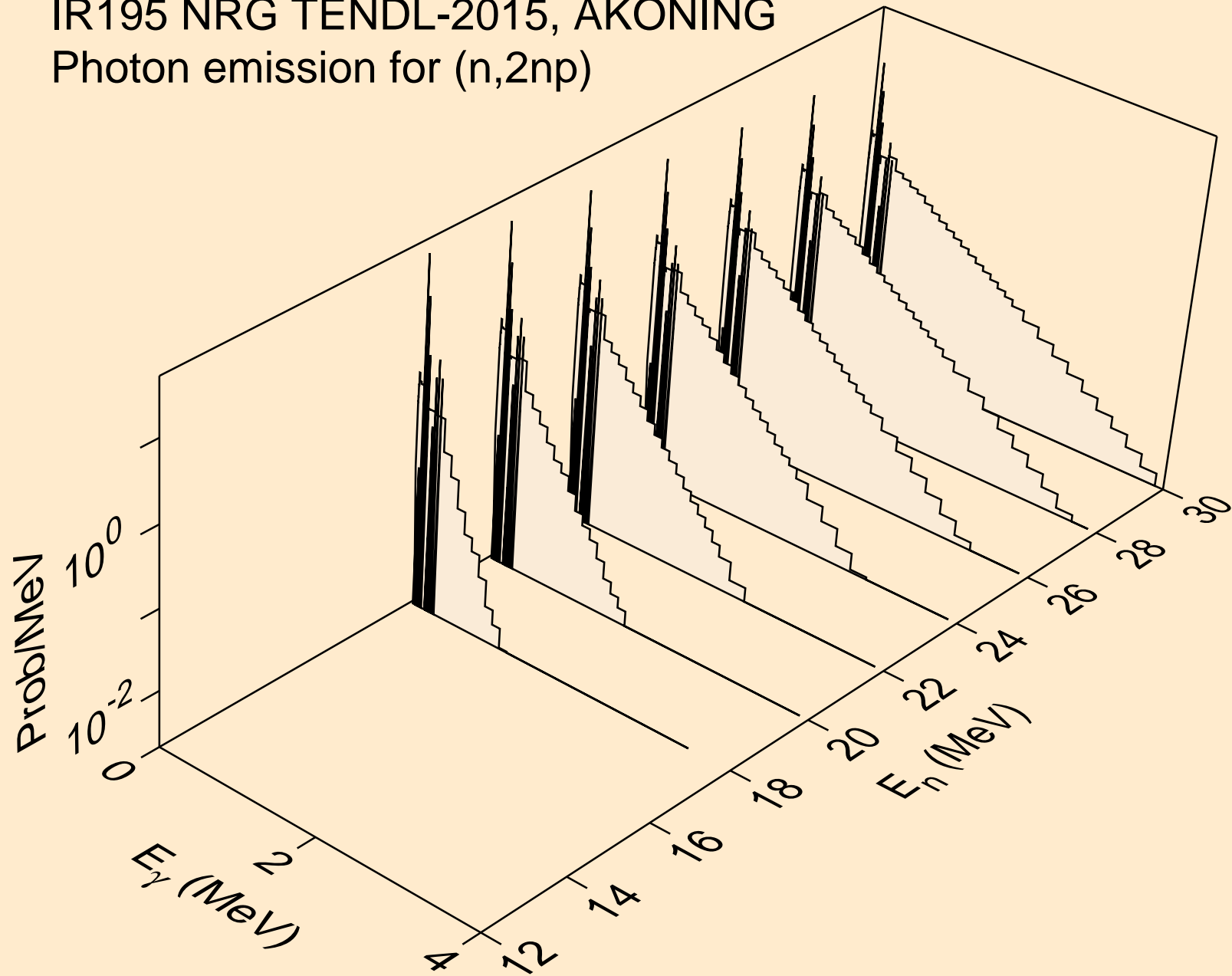
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



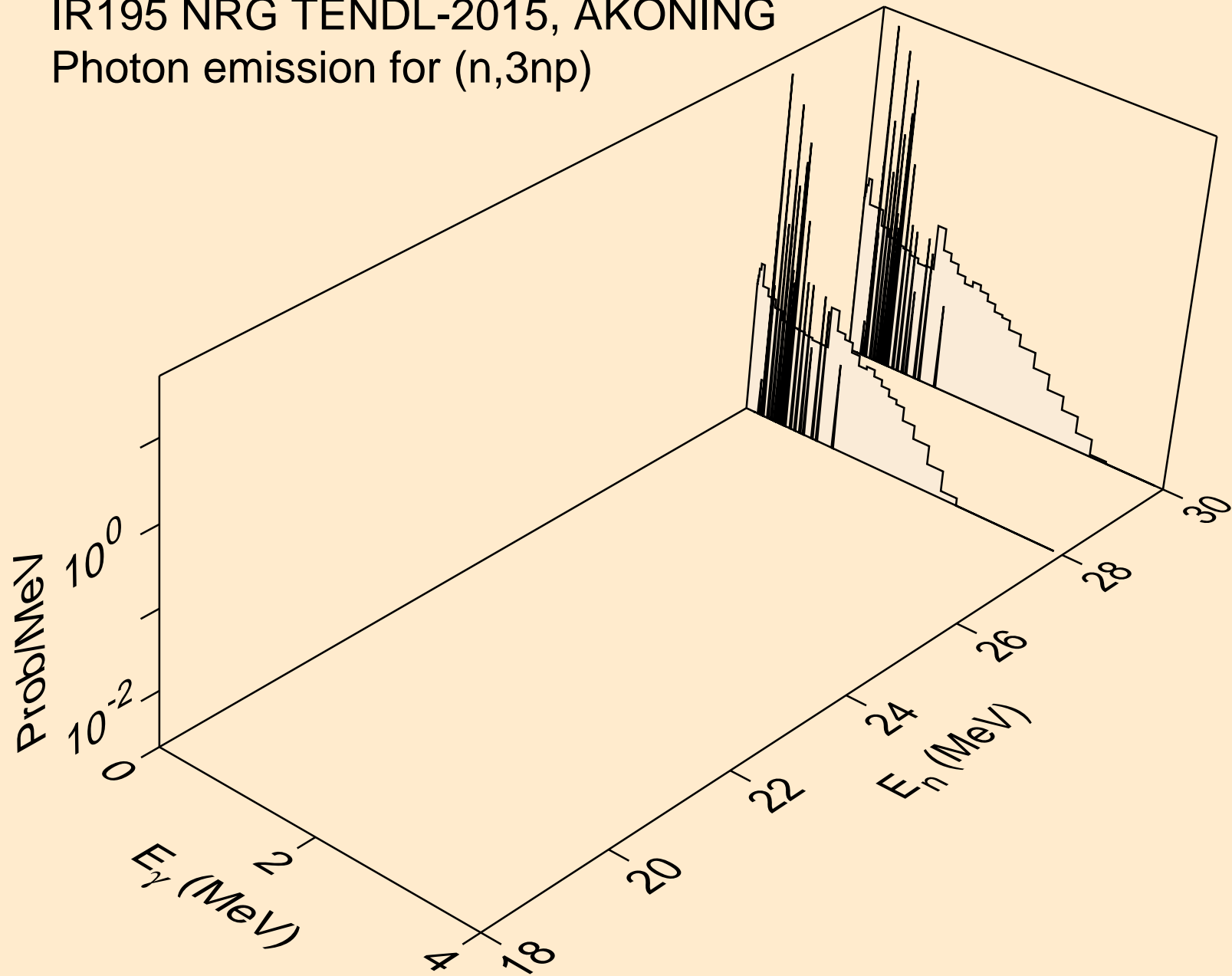
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



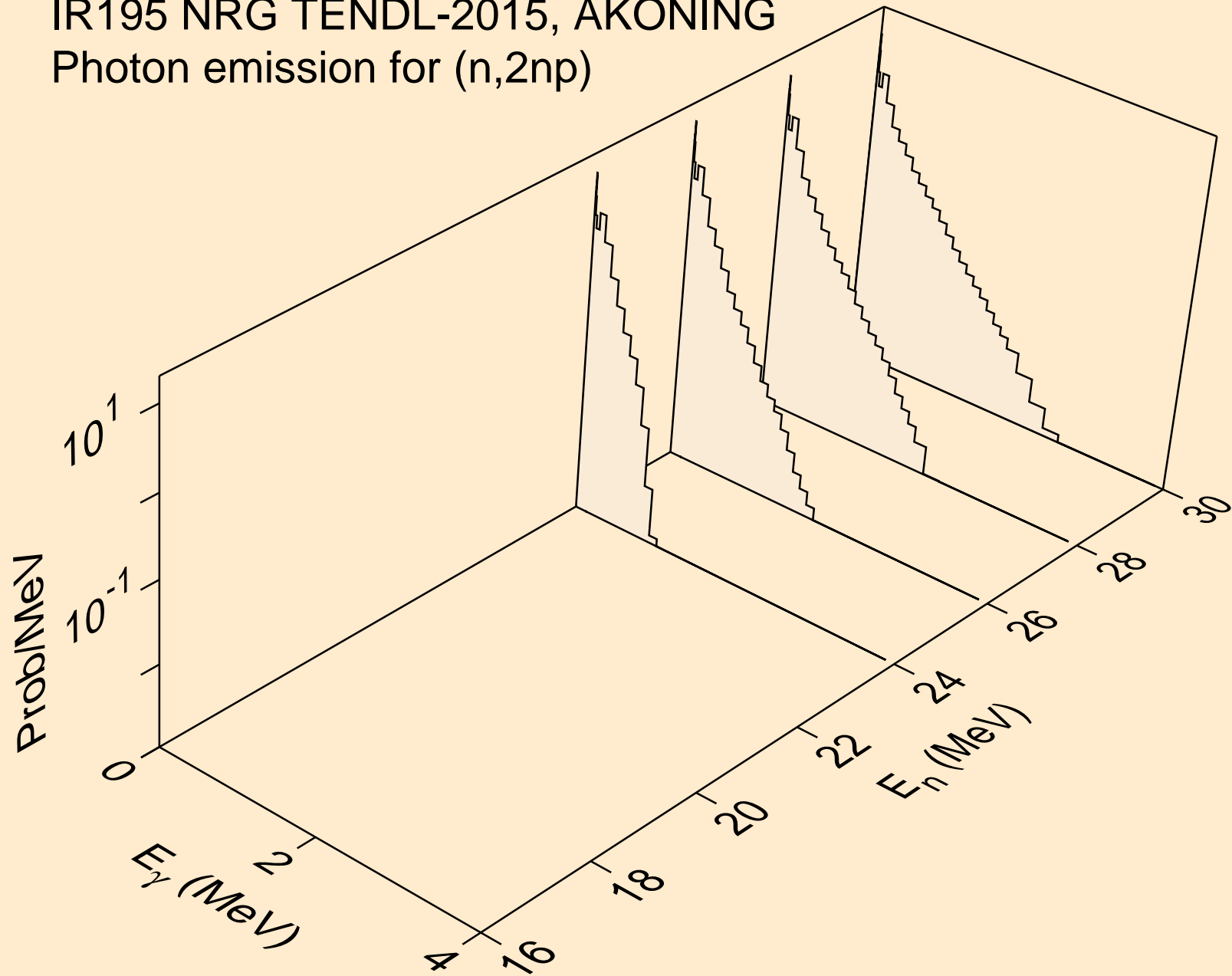
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



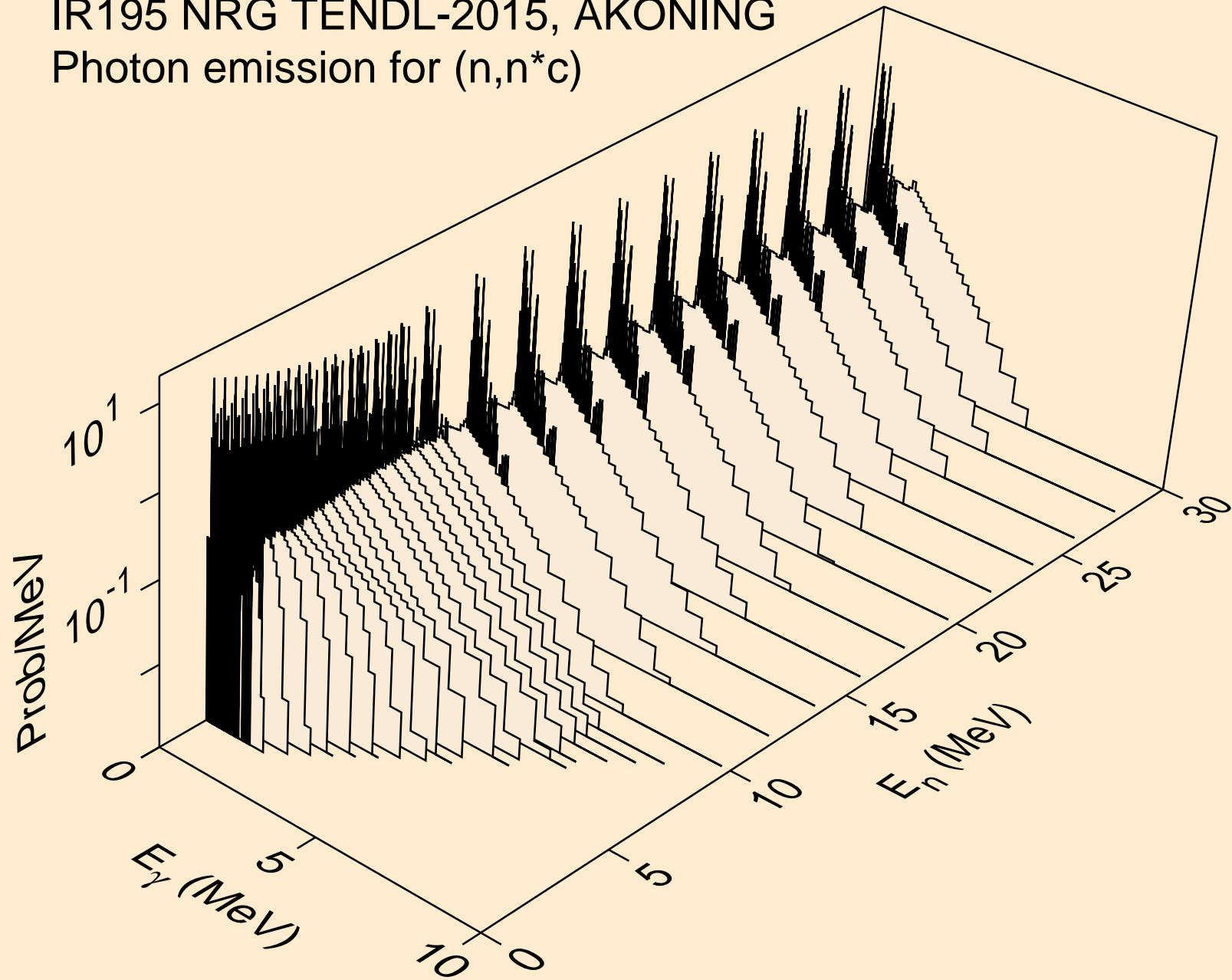
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



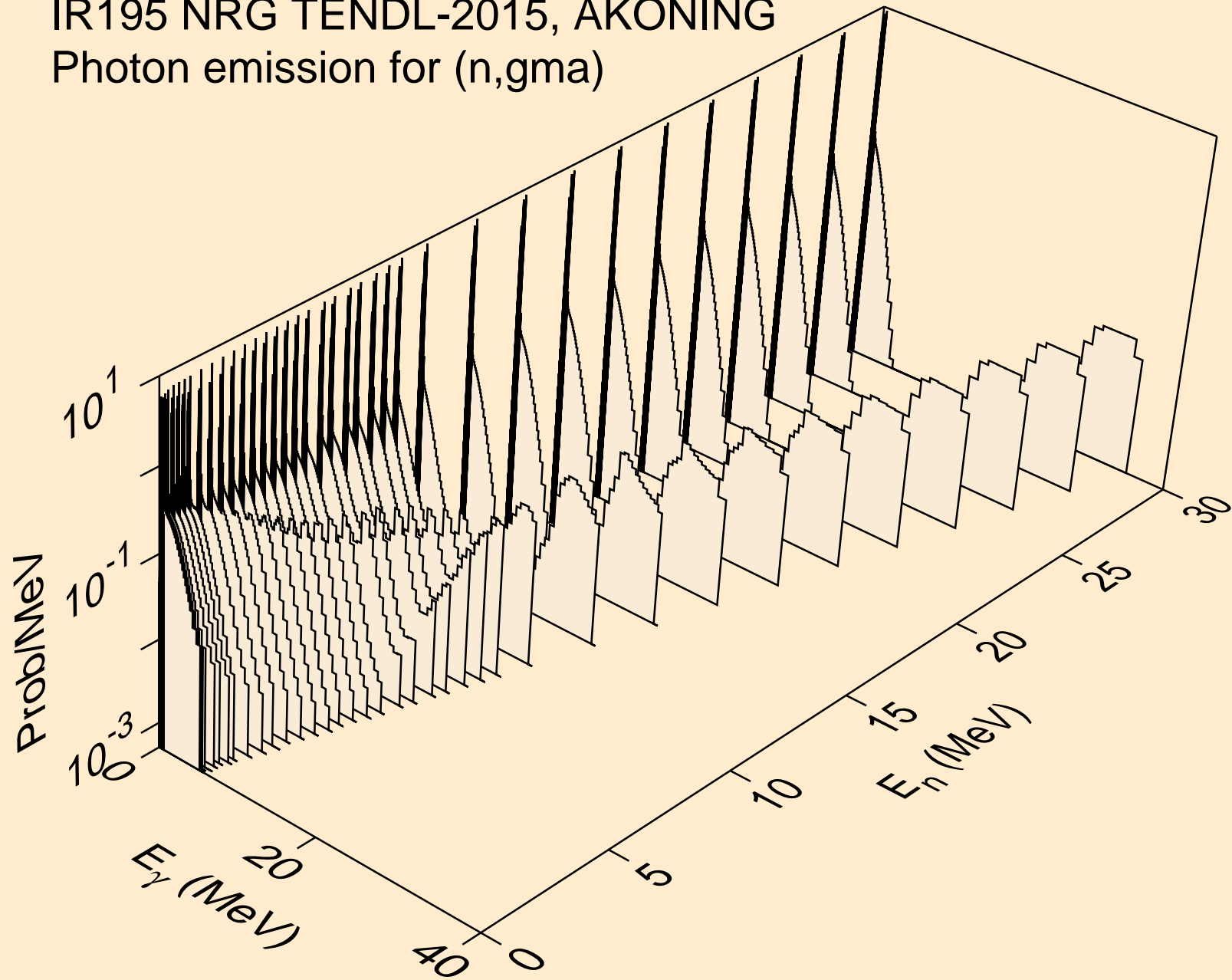
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

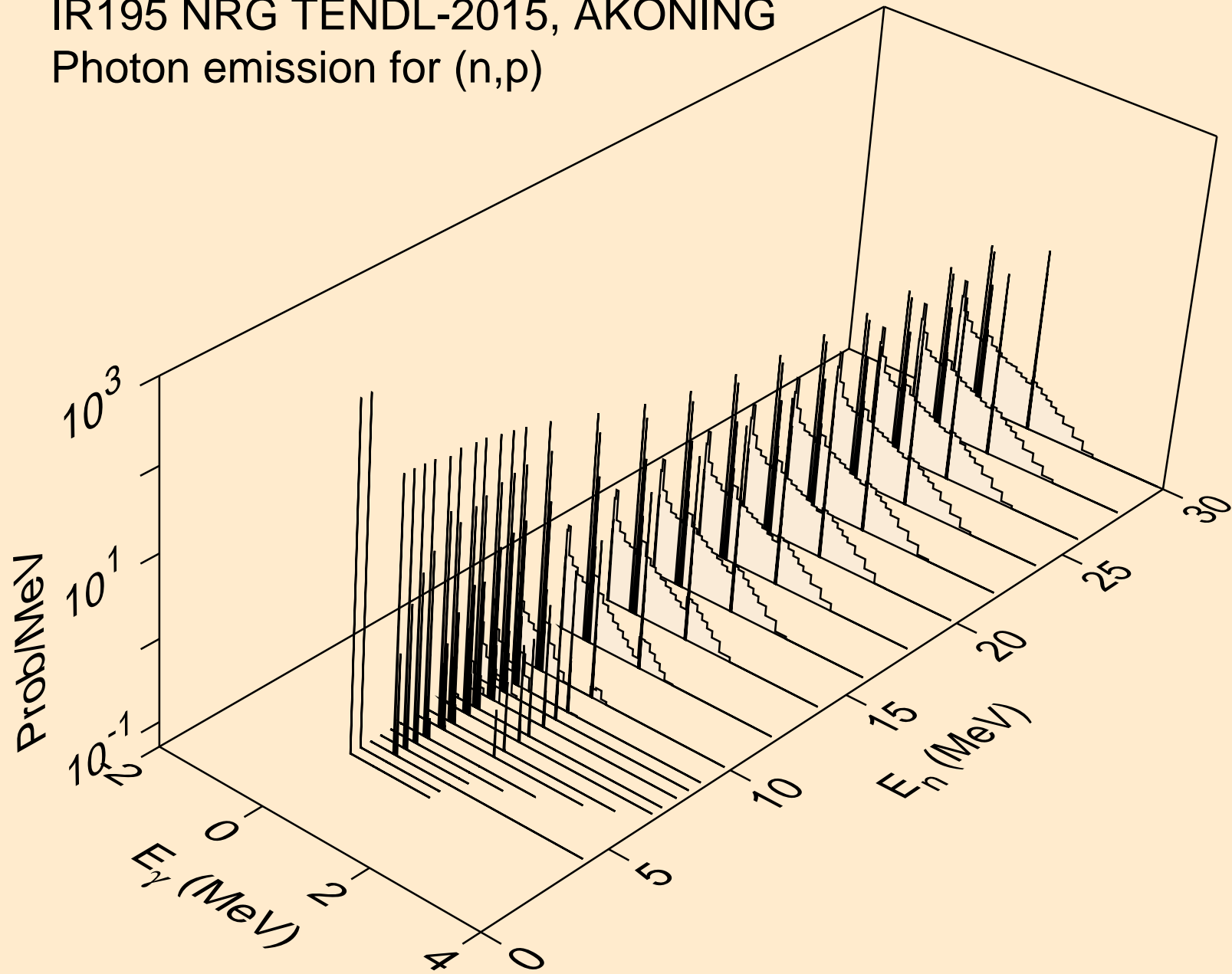


IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

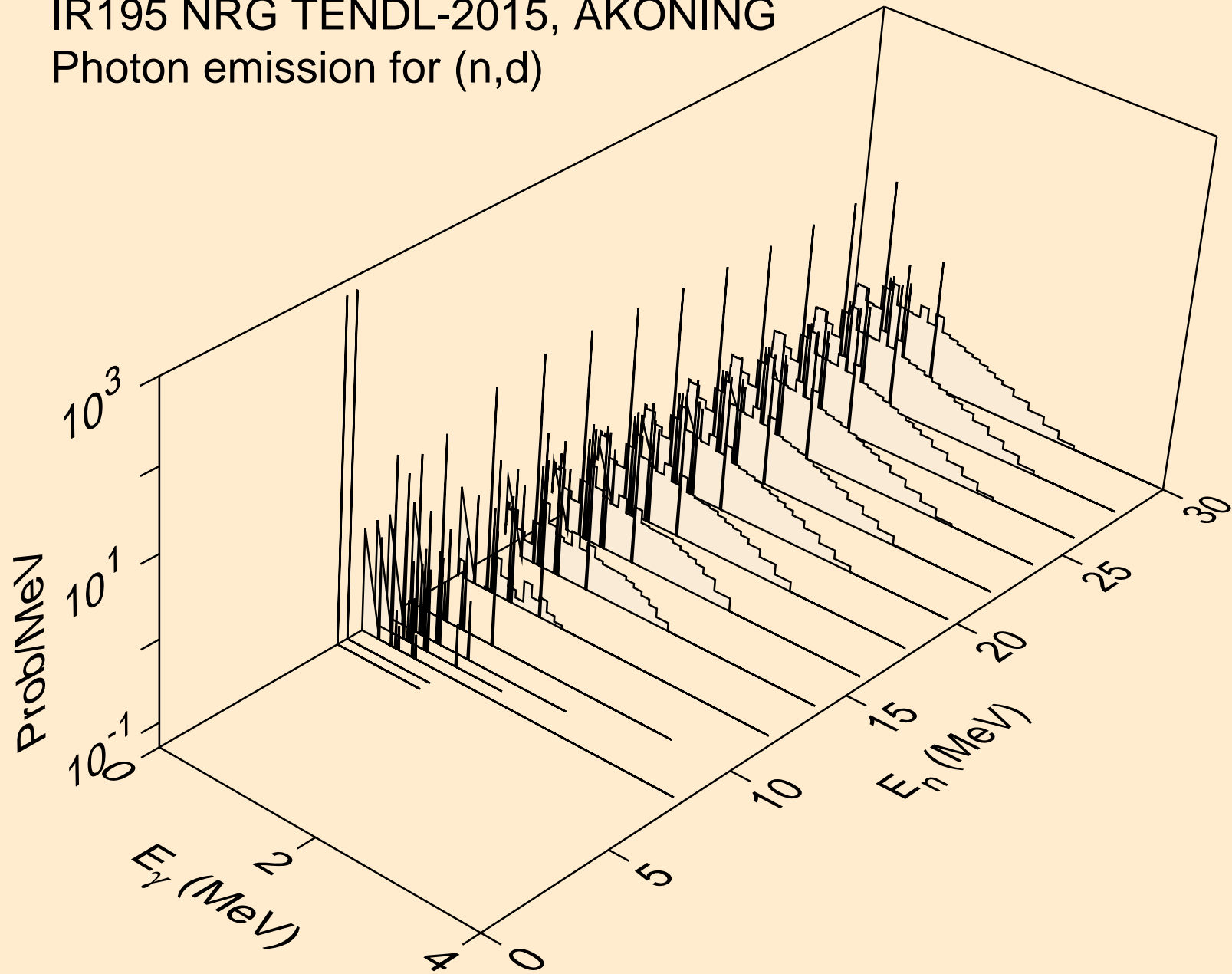




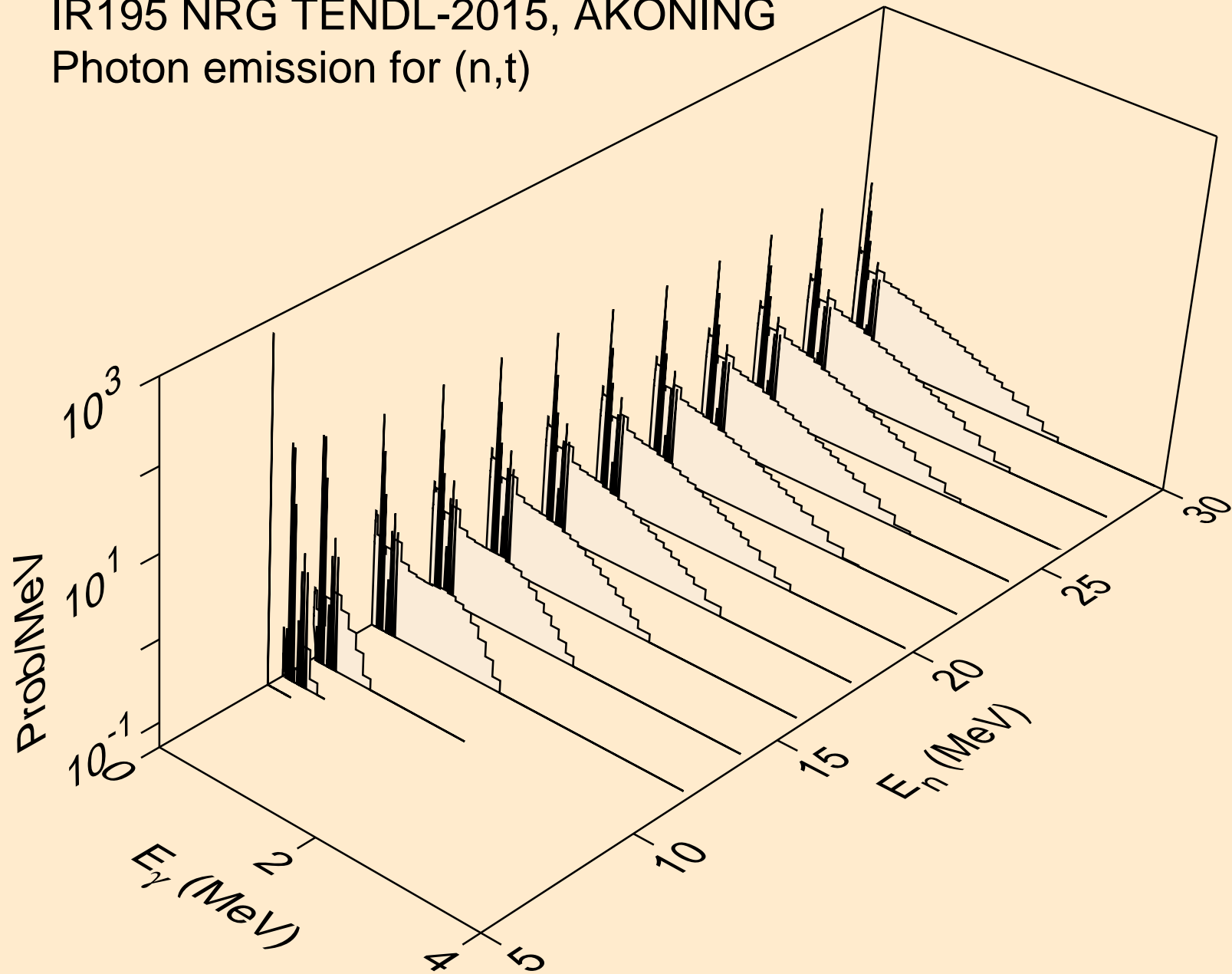
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



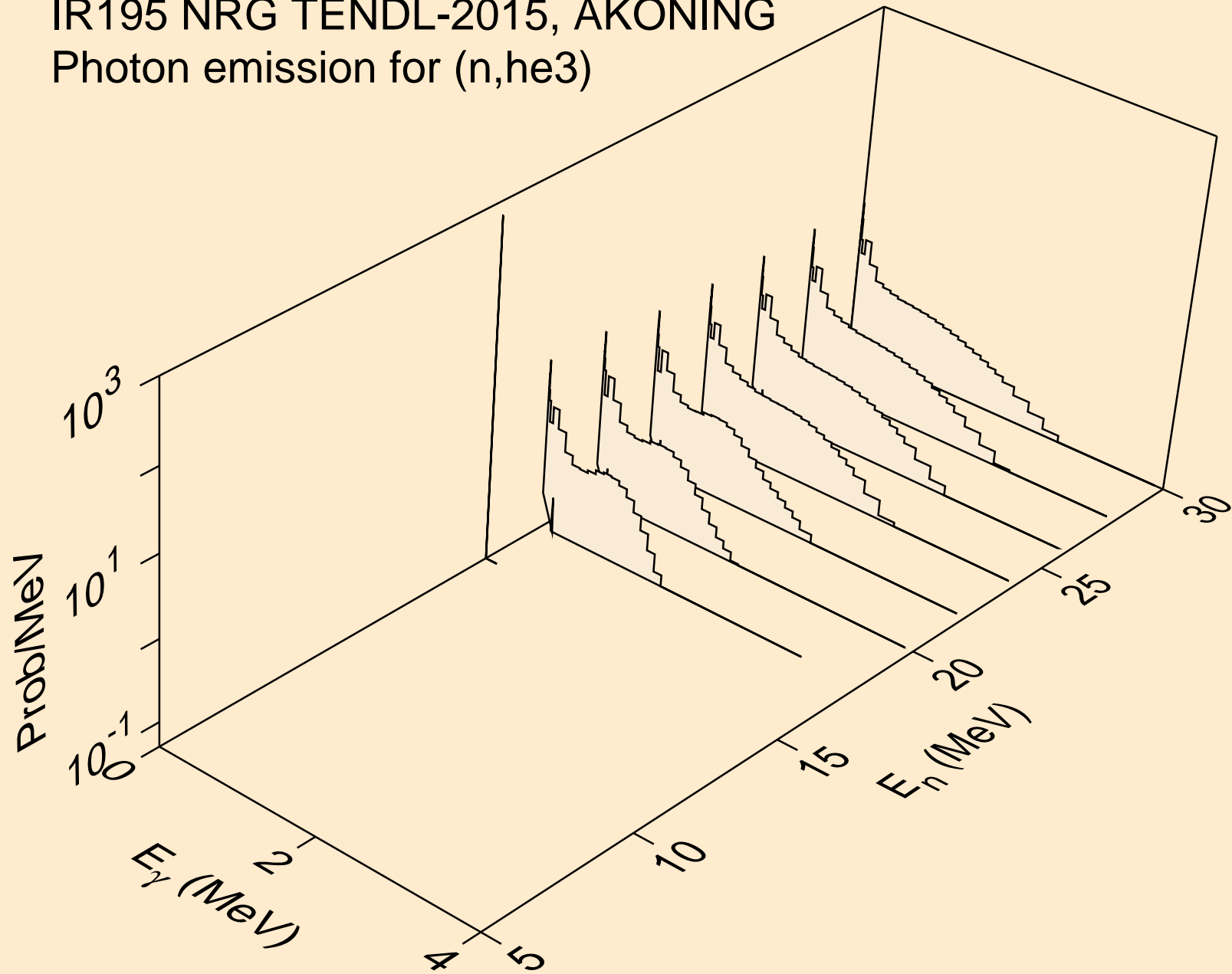
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



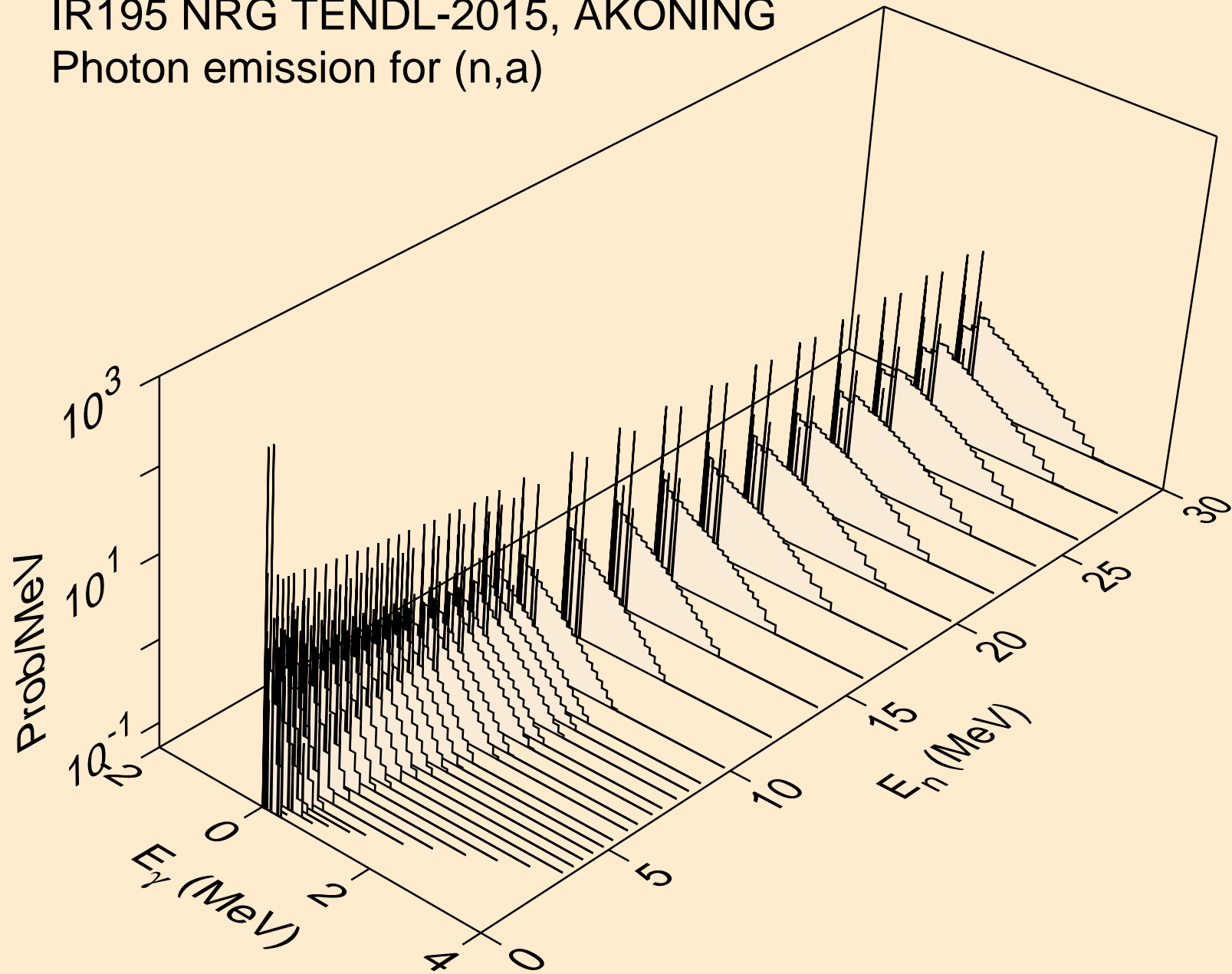
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



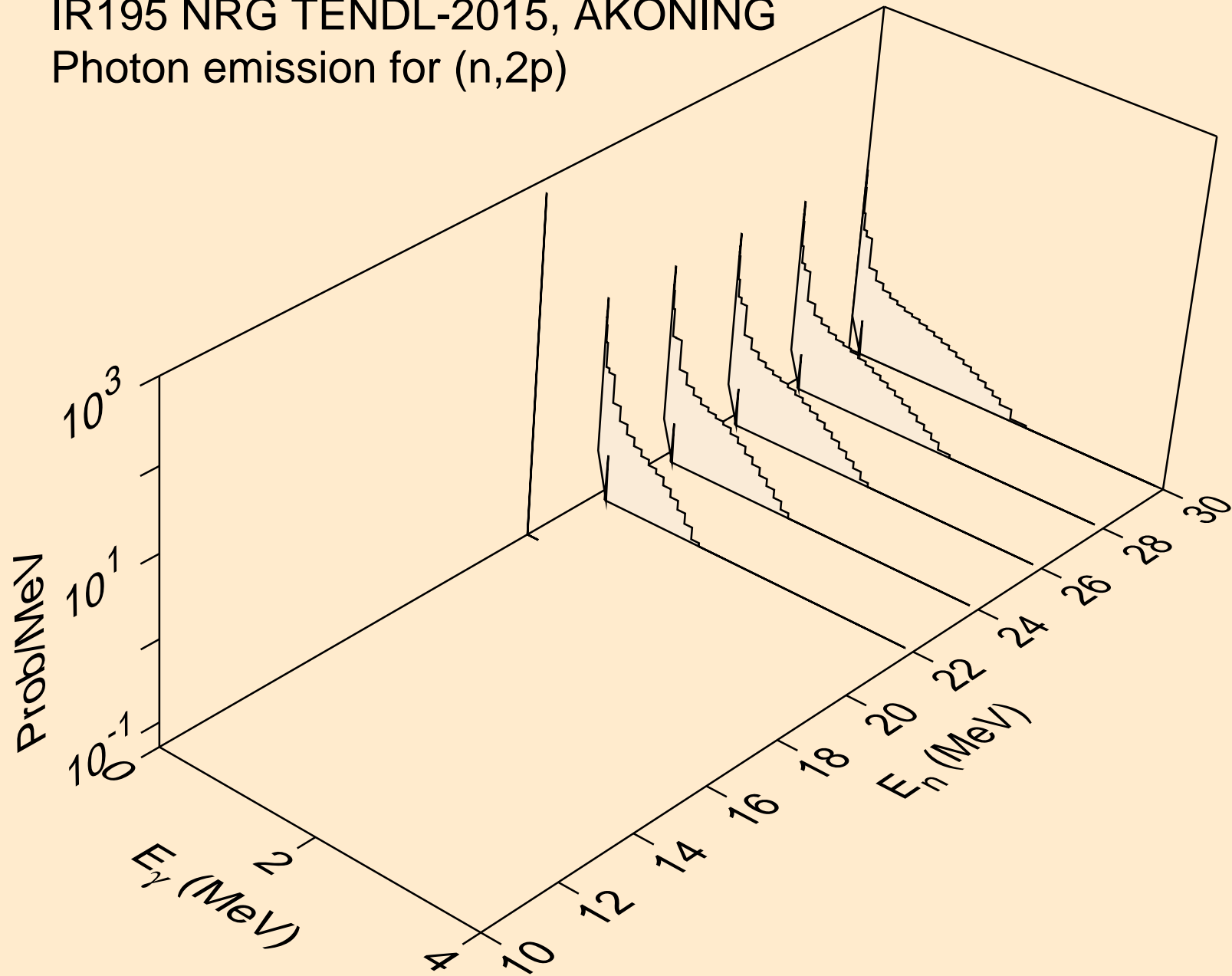
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



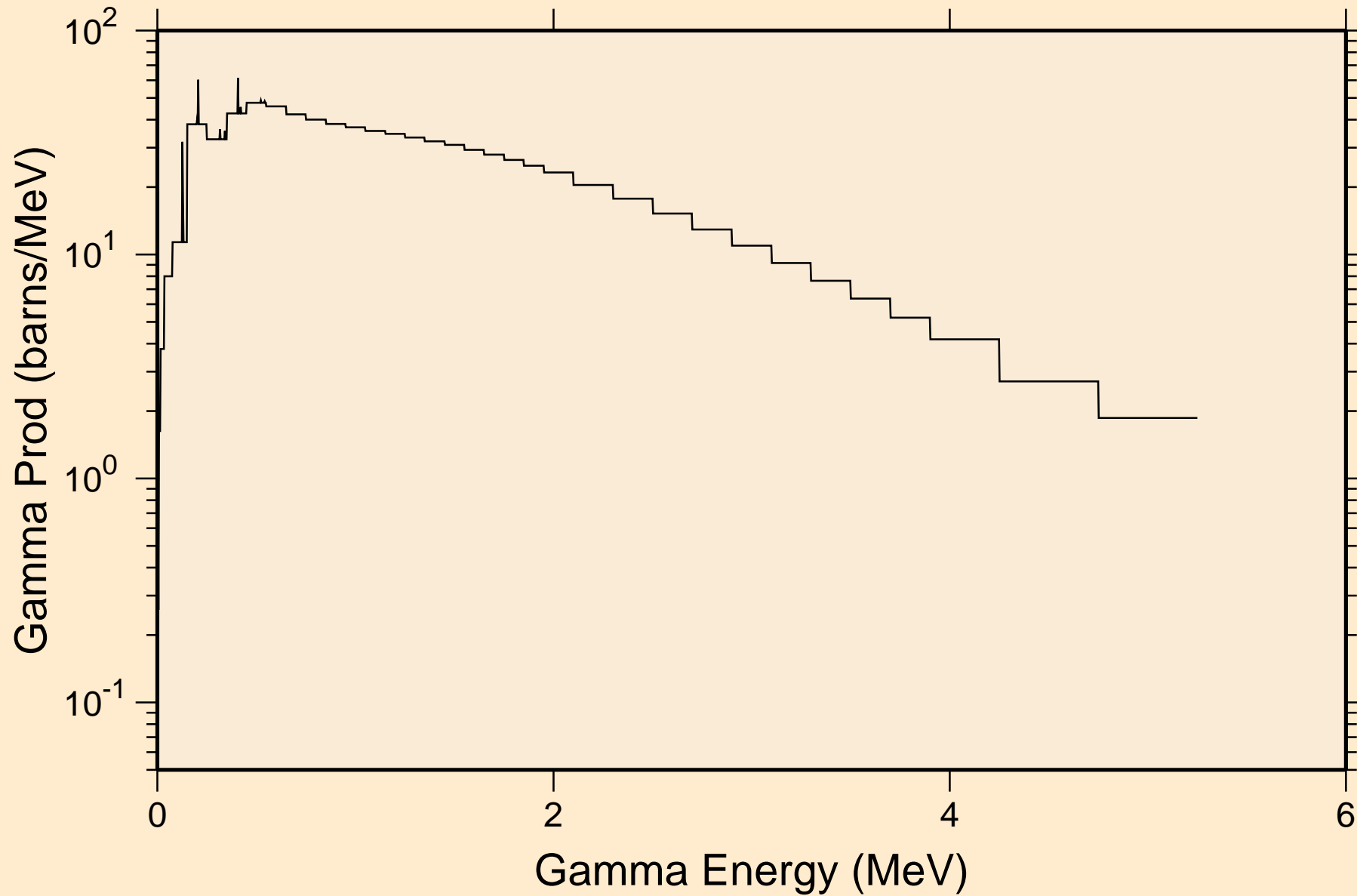
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



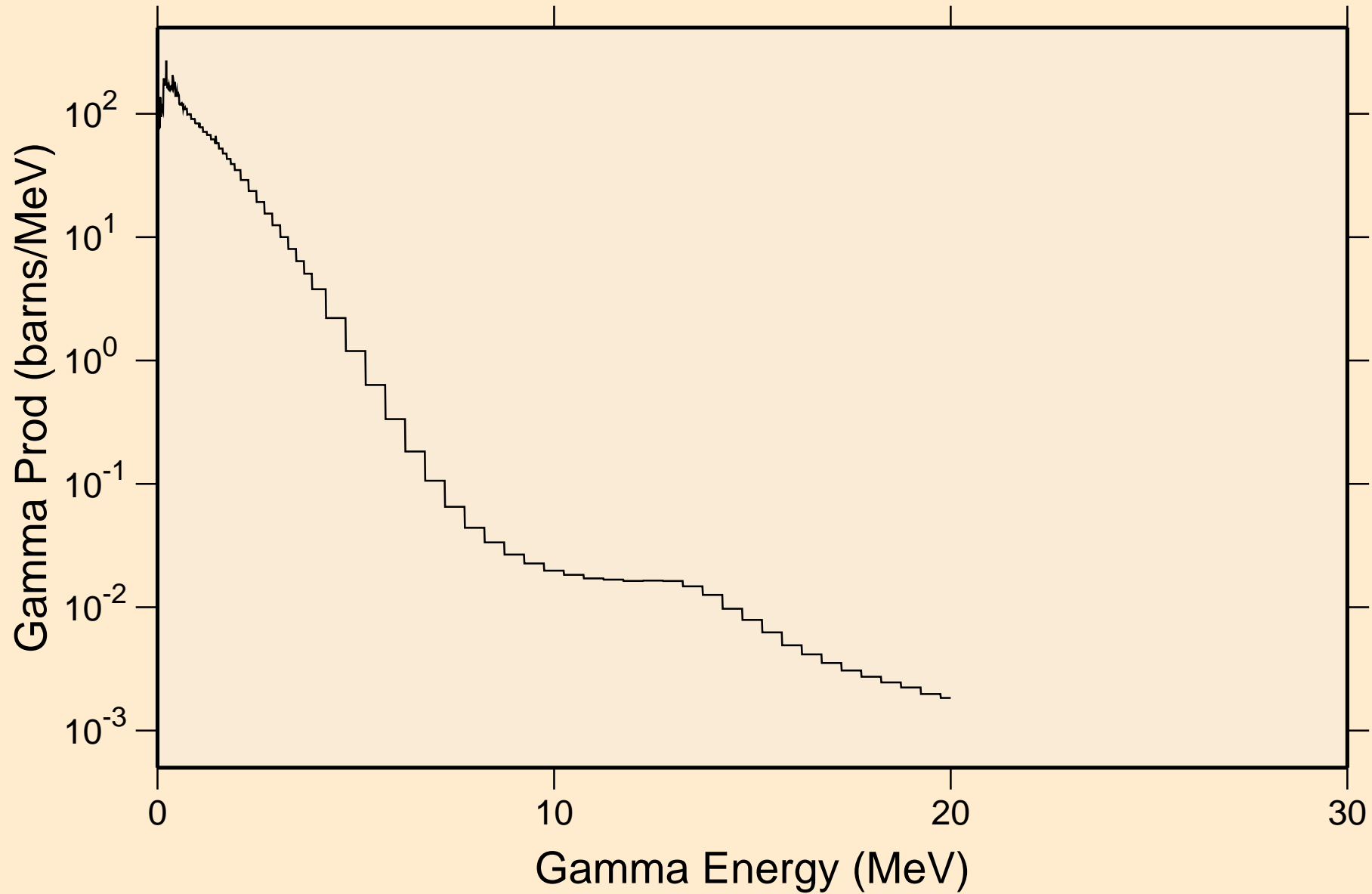
IR195 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



IR195 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



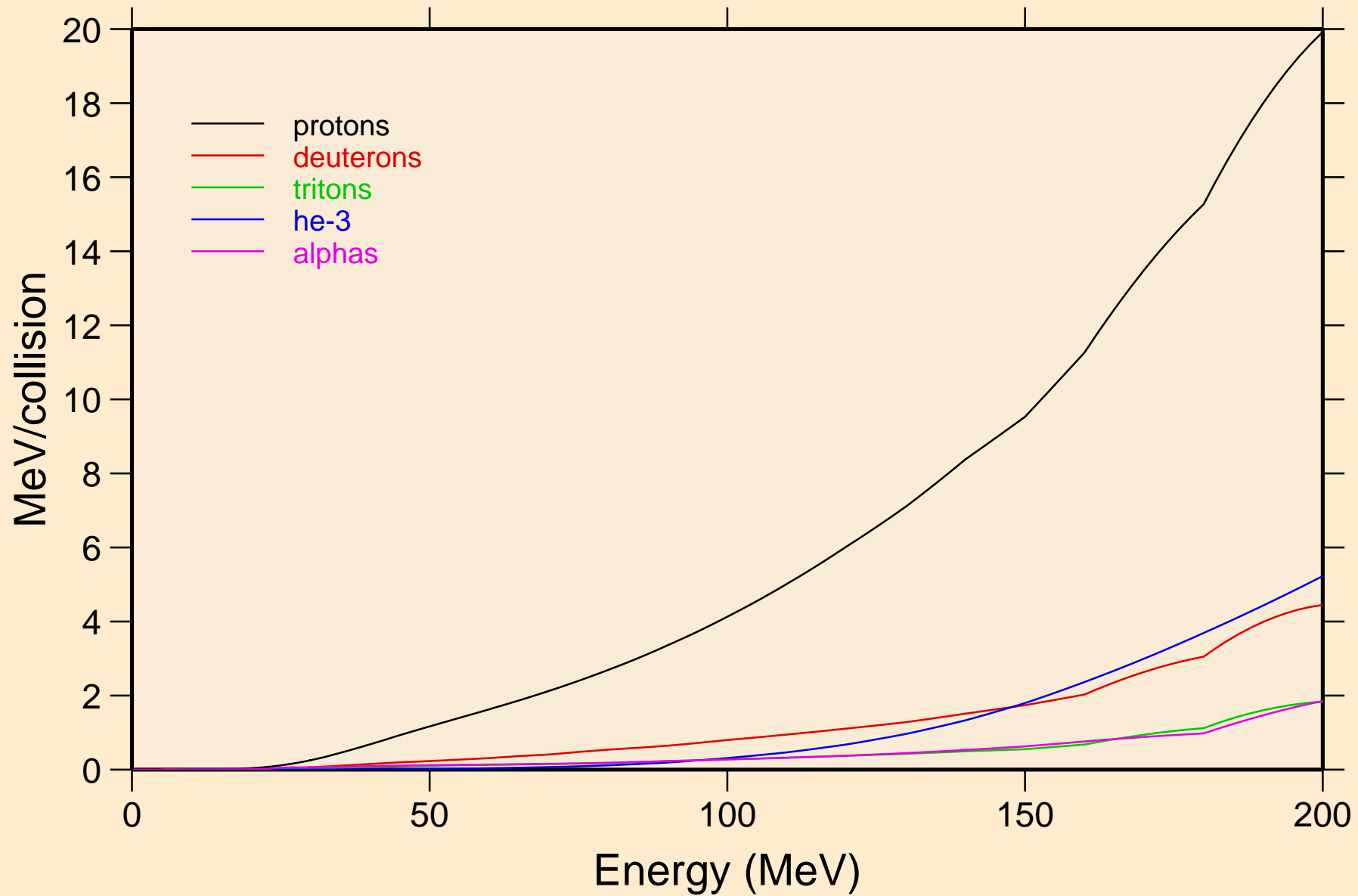
IR195 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





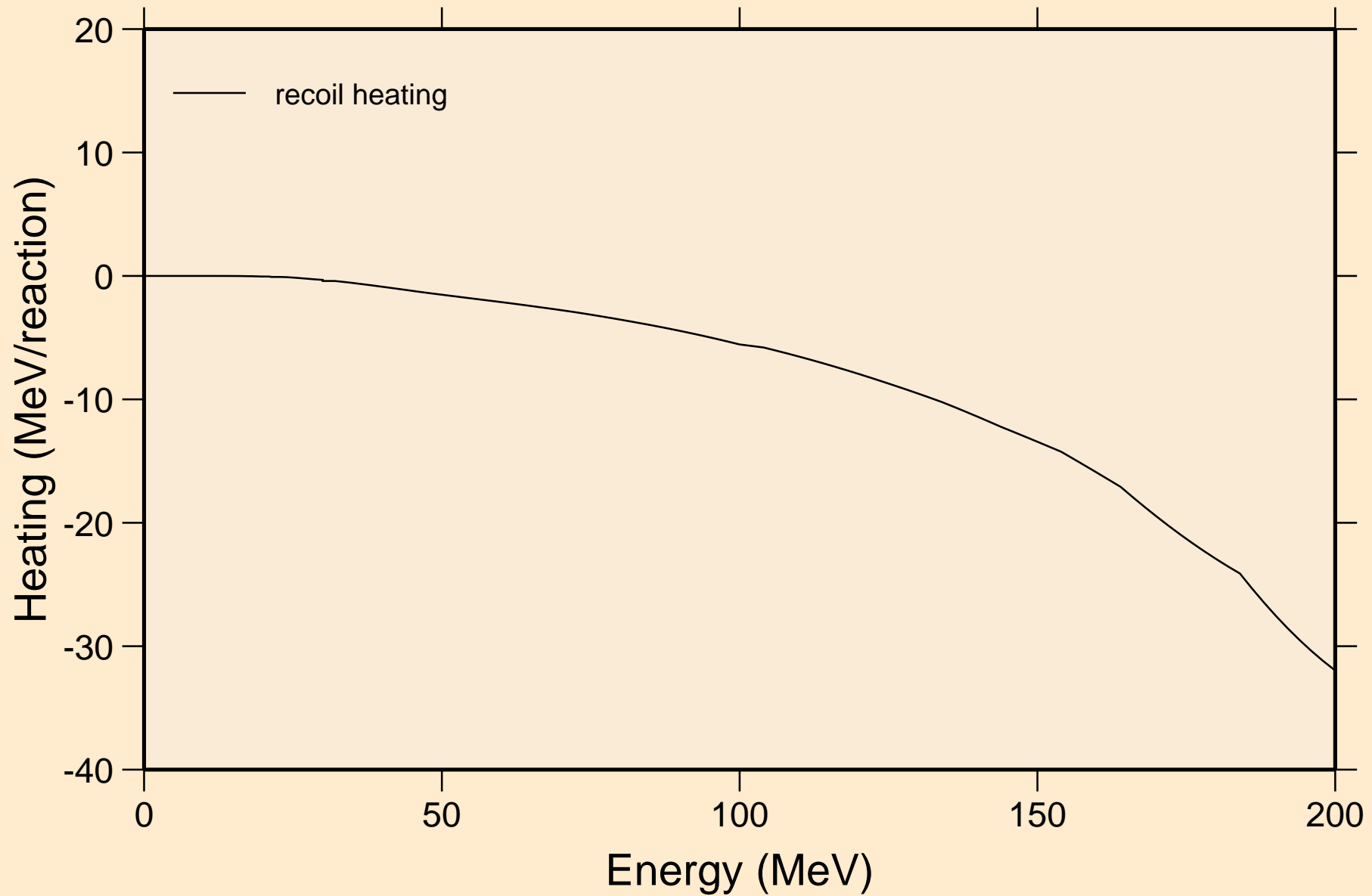
# IR195 NRG TENDL-2015, AKONING

## Particle heating contributions



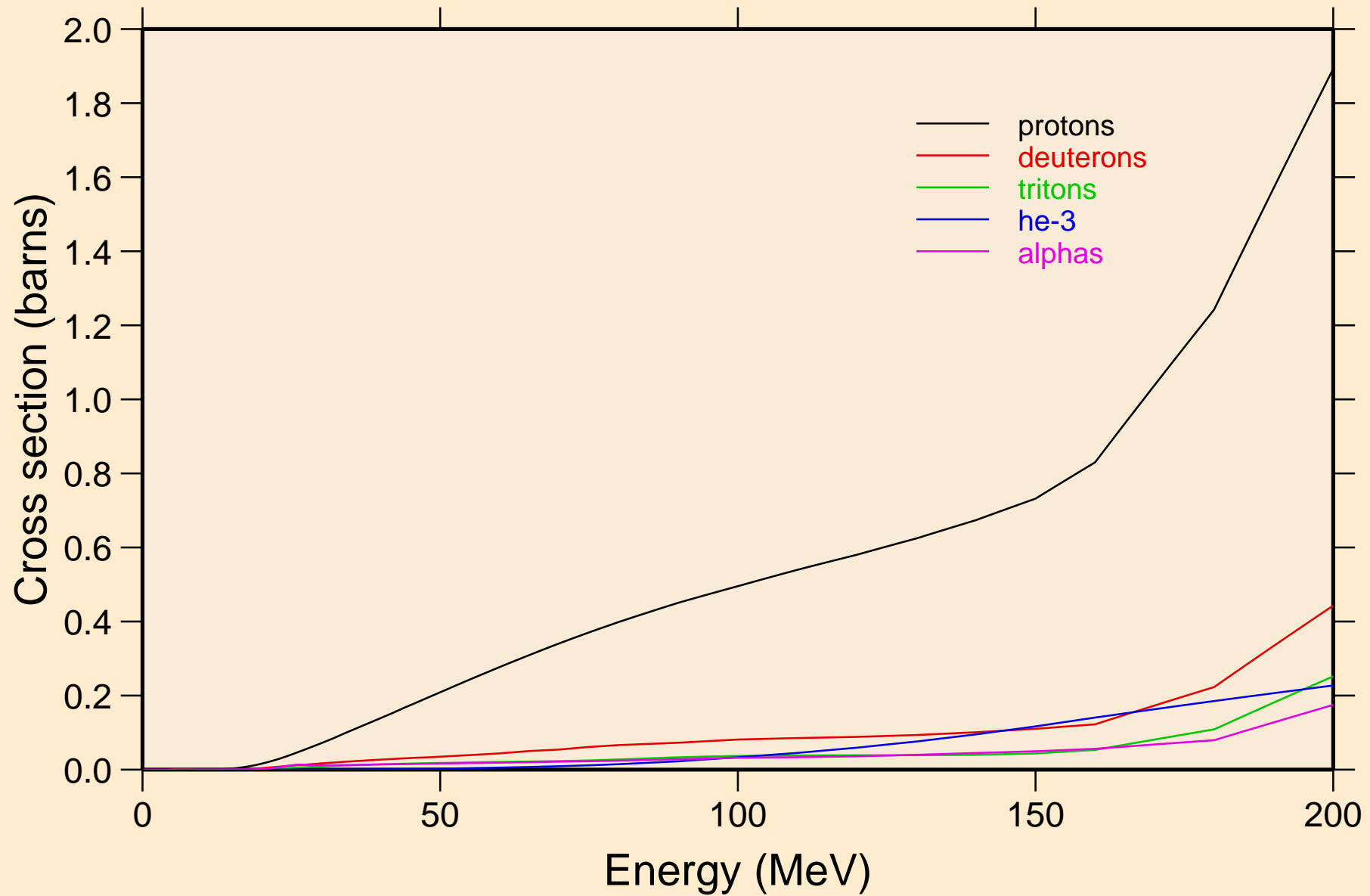
# IR195 NRG TENDL-2015, AKONING

## Recoil Heating

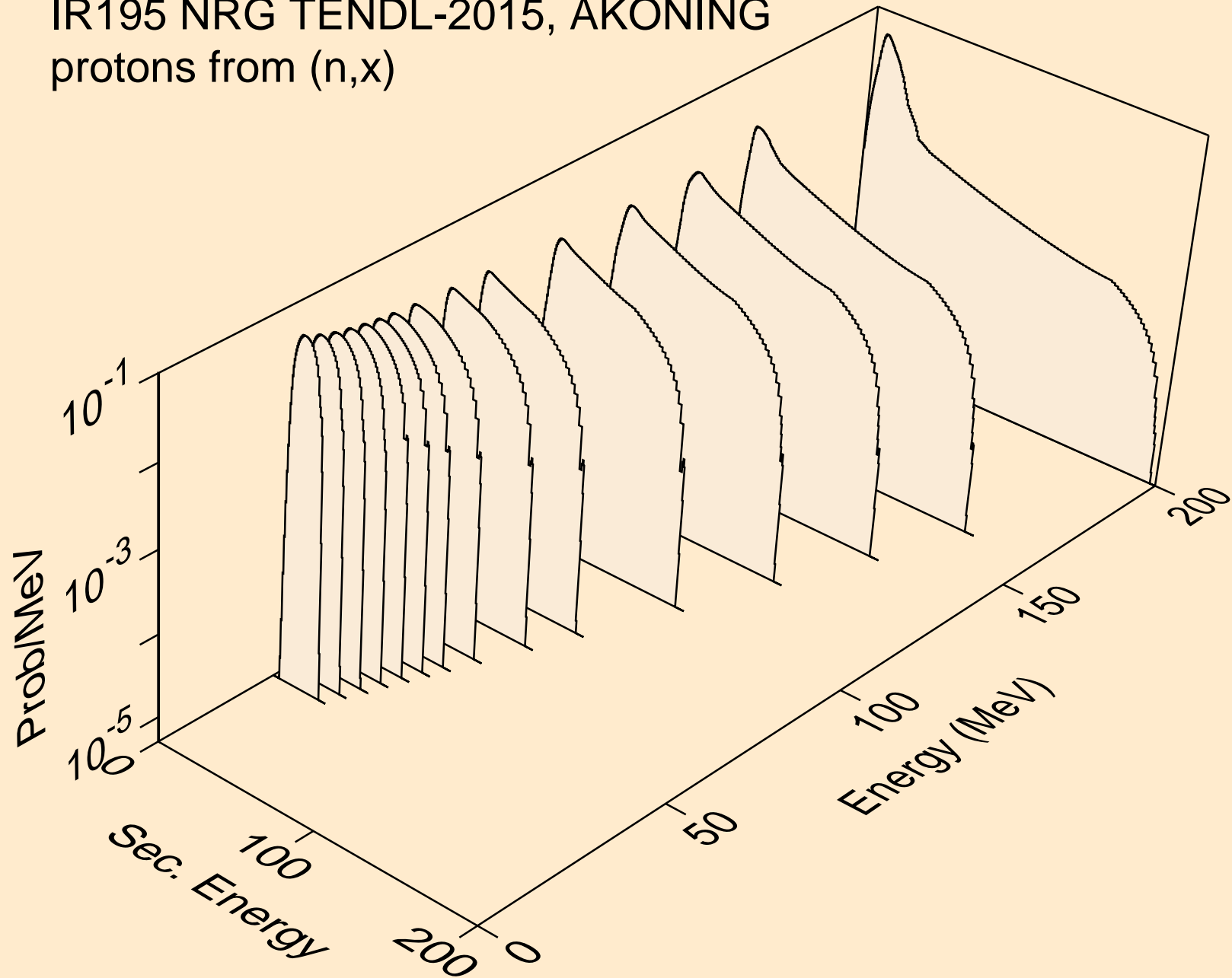


# IR195 NRG TENDL-2015, AKONING

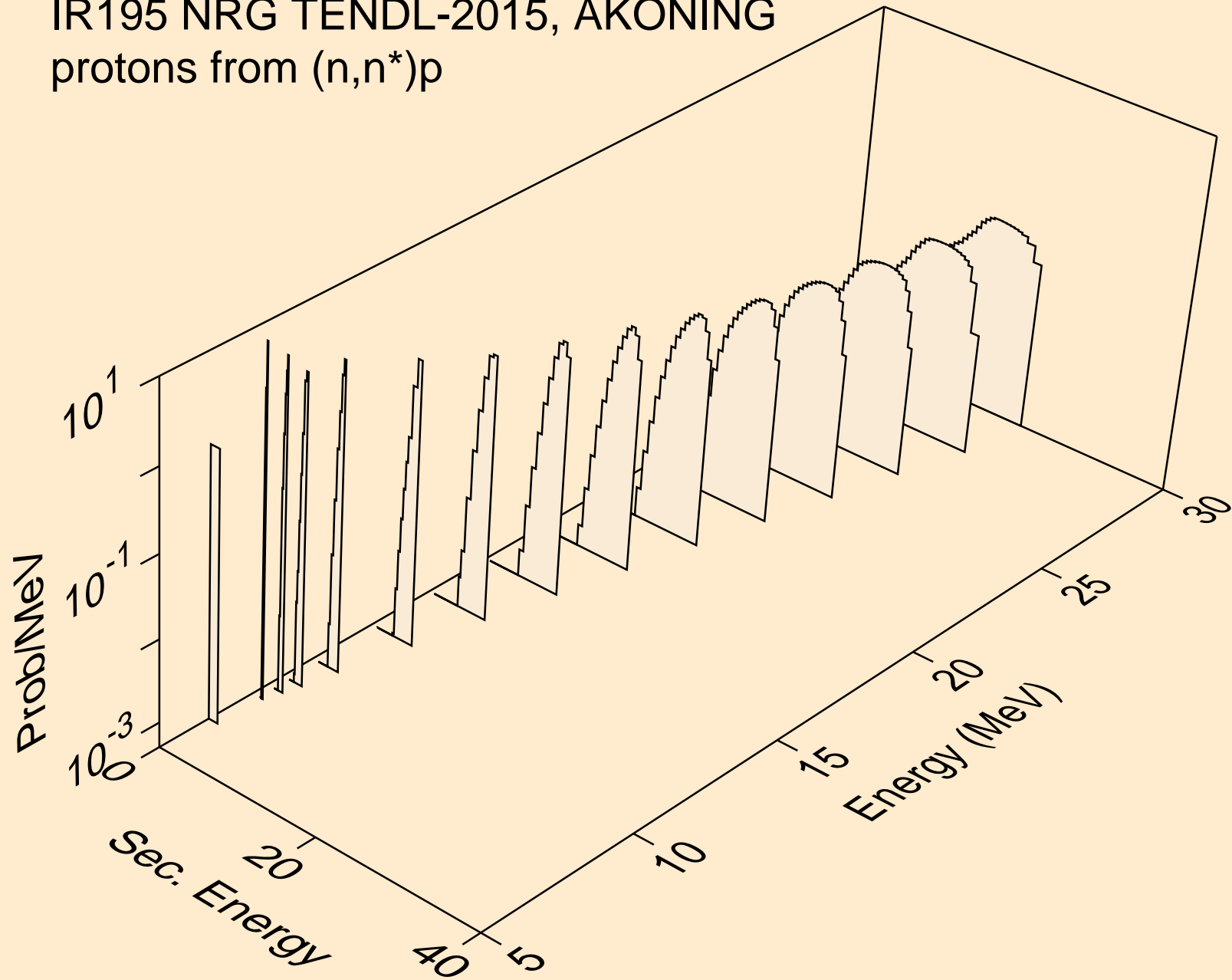
## Particle production cross sections



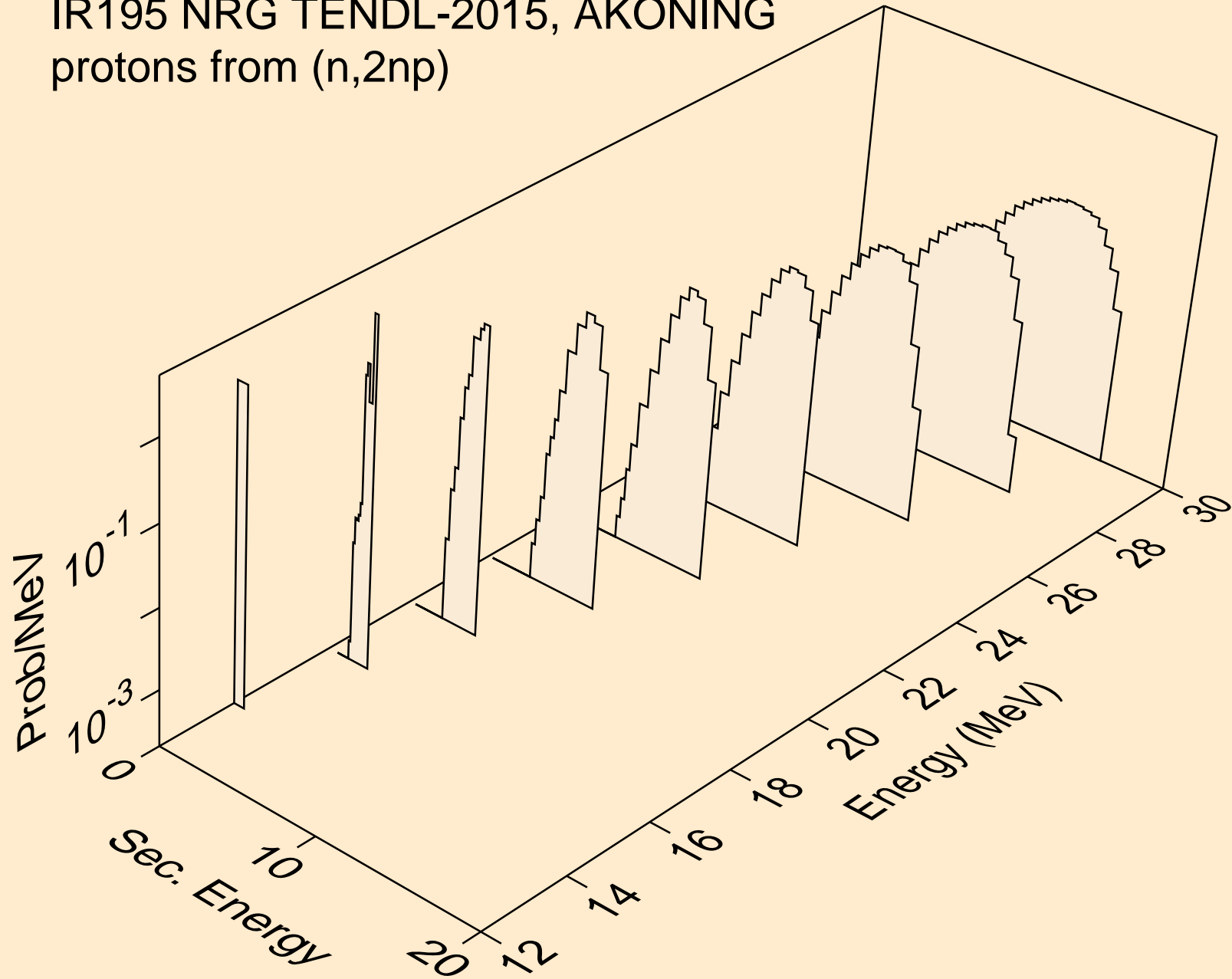
IR195 NRG TENDL-2015, AKONING  
protons from (n,x)



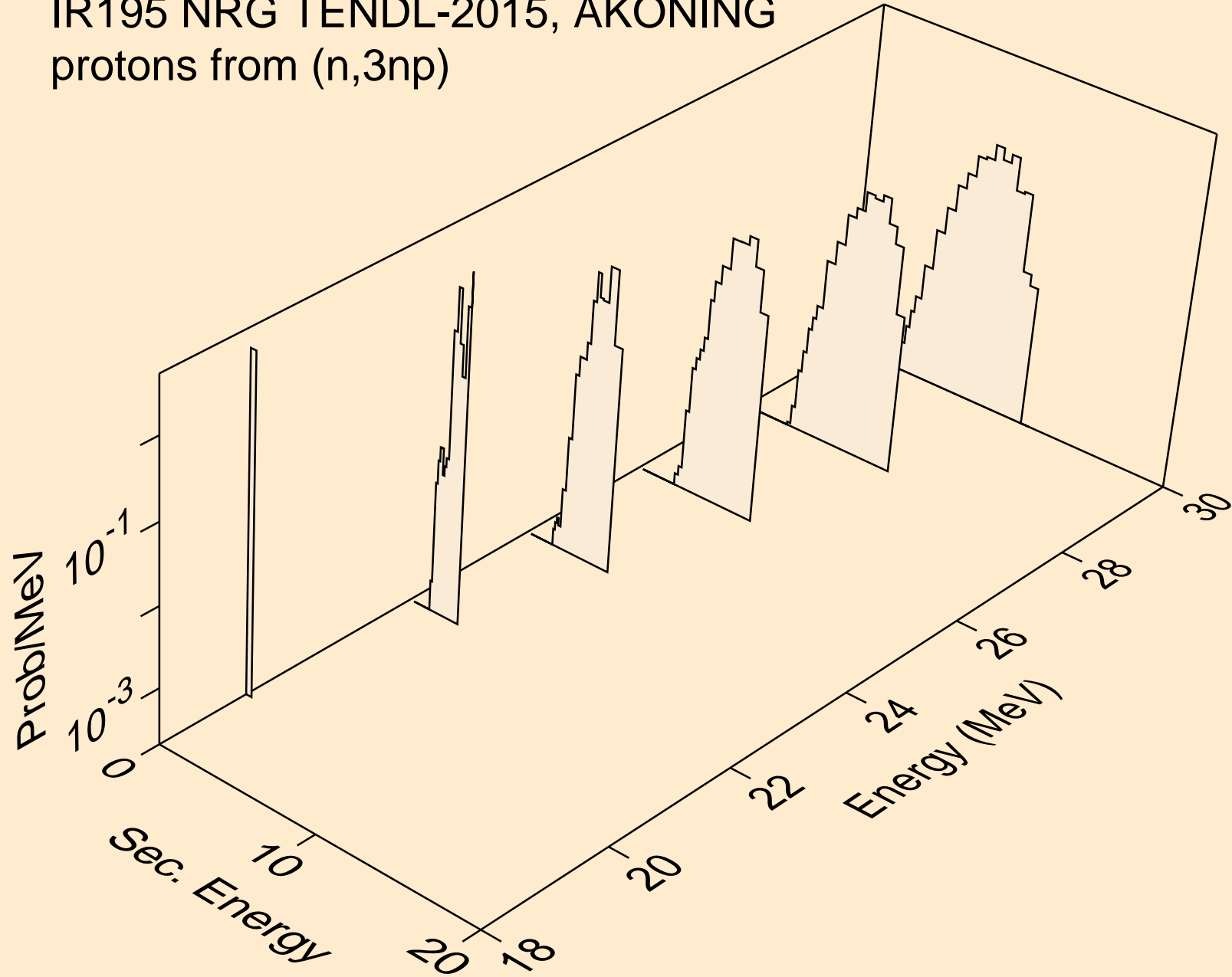
IR195 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



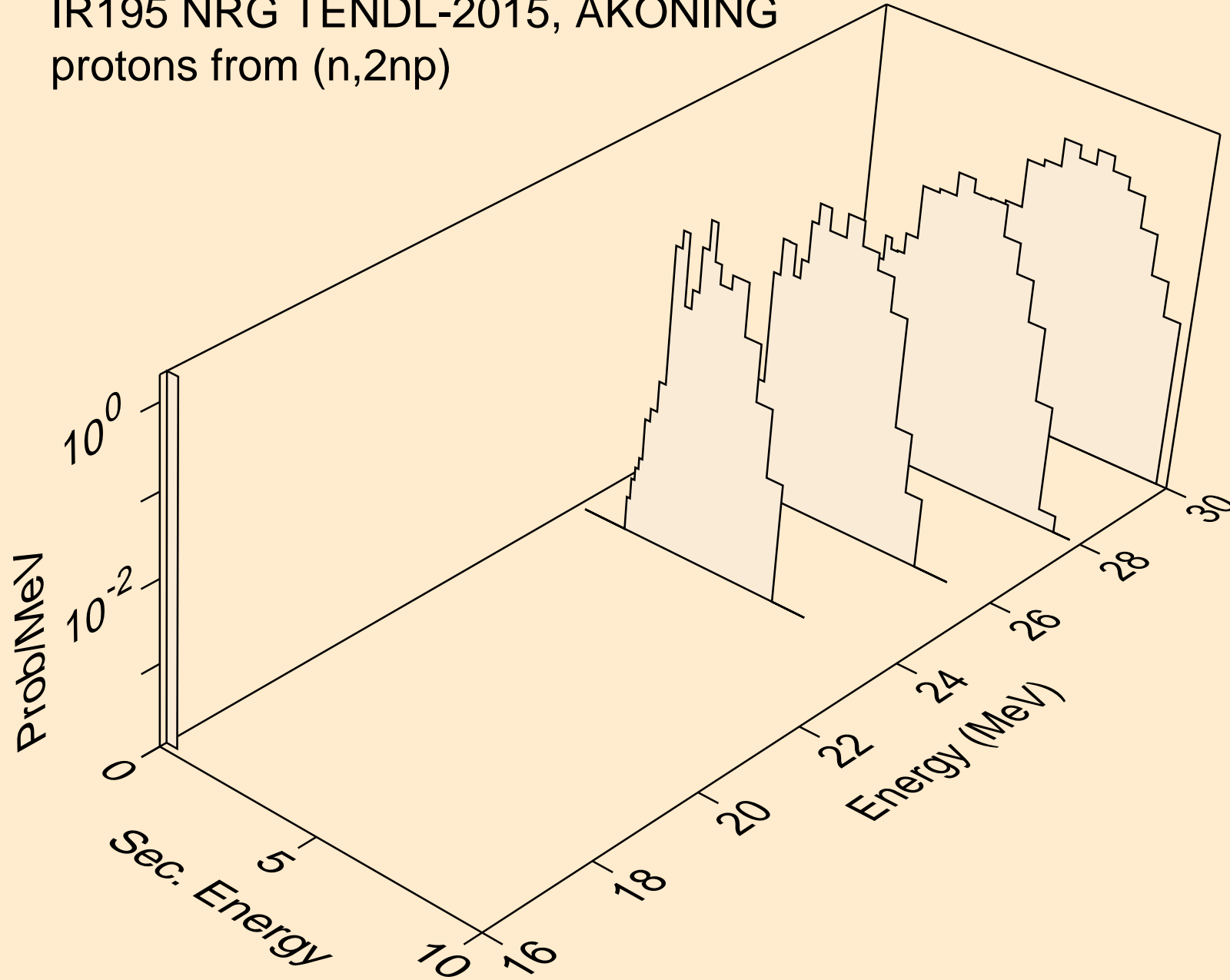
IR195 NRG TENDL-2015, AKONING  
protons from (n,2np)



IR195 NRG TENDL-2015, AKONING  
protons from (n,3np)

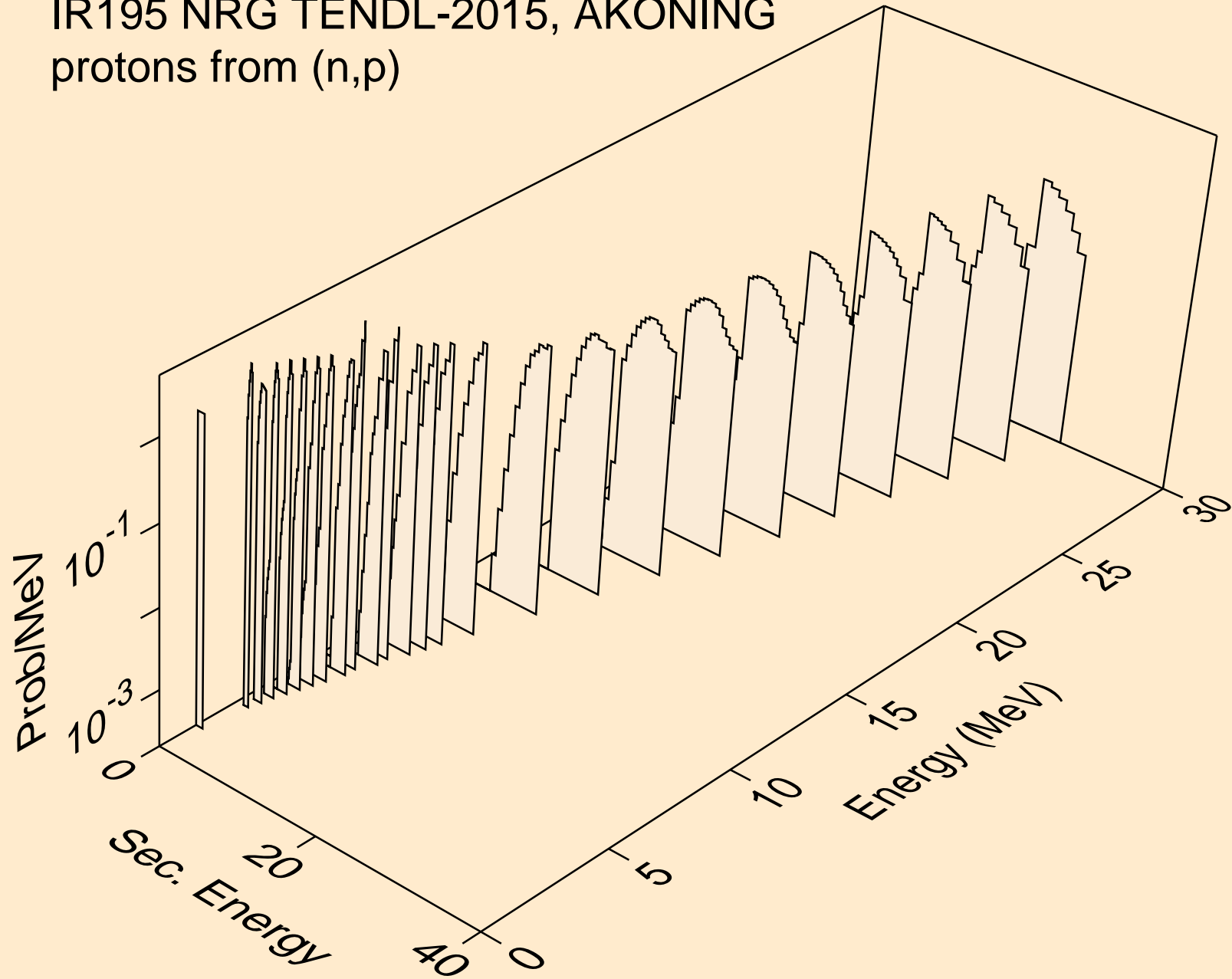


IR195 NRG TENDL-2015, AKONING  
protons from (n,2np)

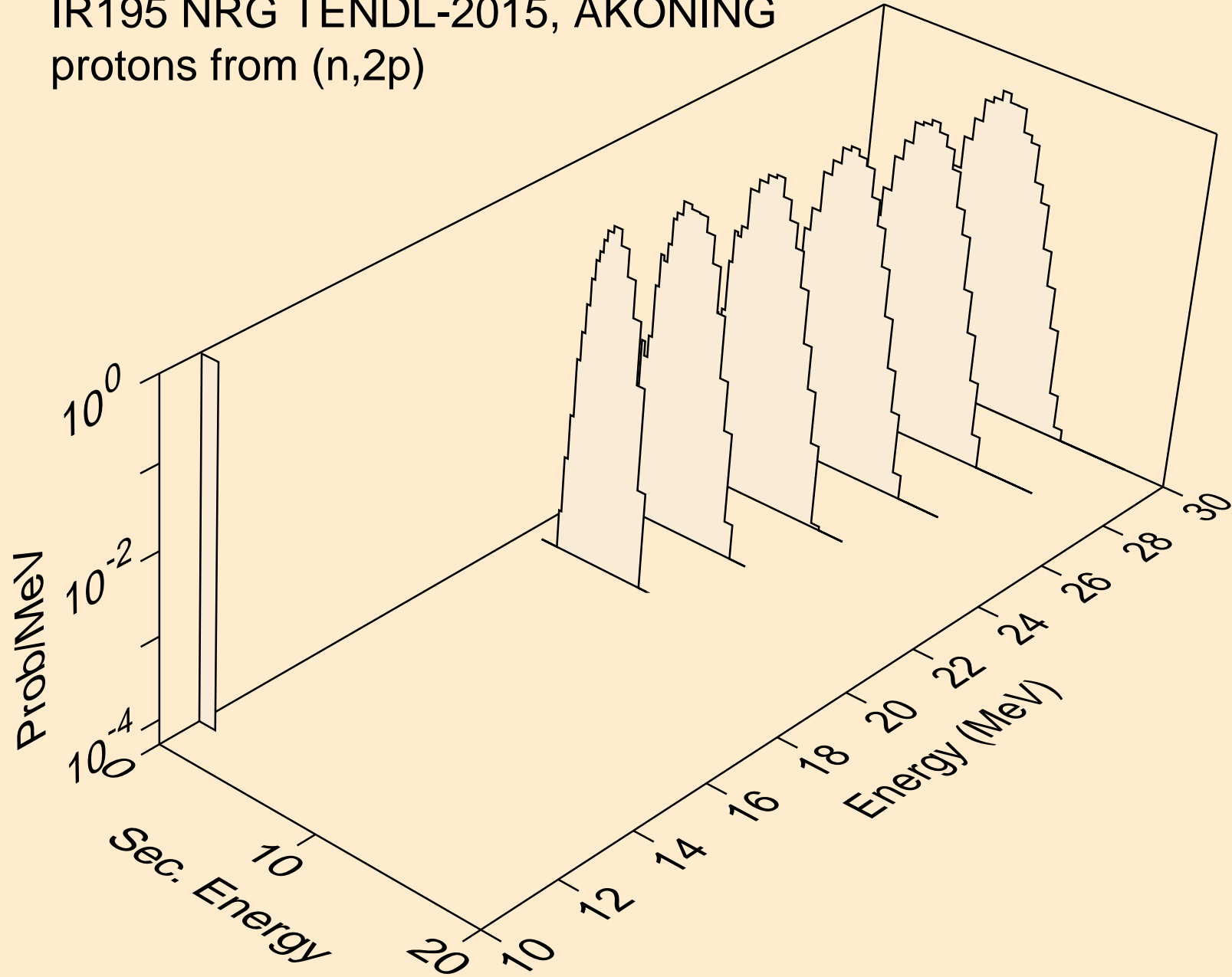




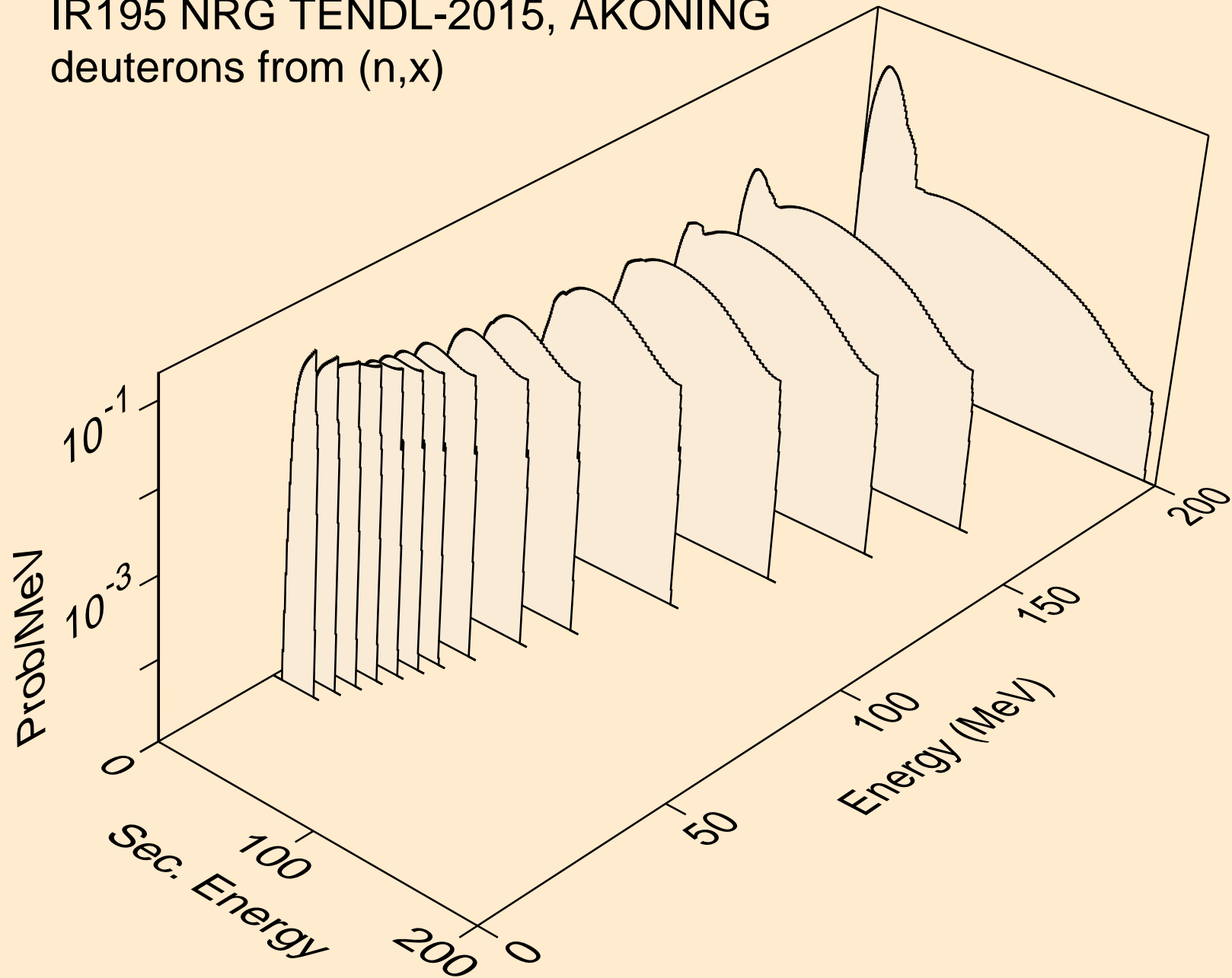
IR195 NRG TENDL-2015, AKONING  
protons from (n,p)



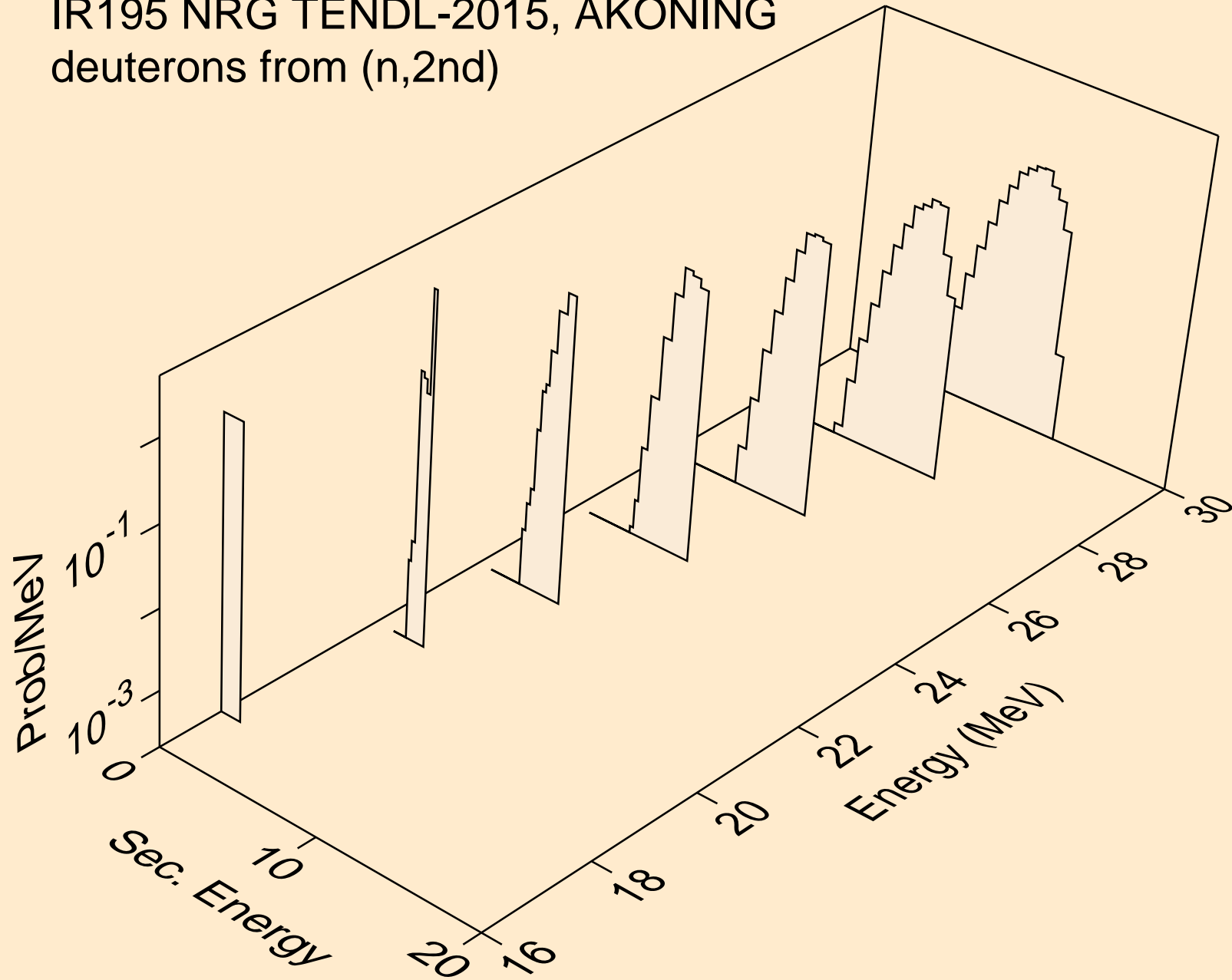
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protons from (n,2p)



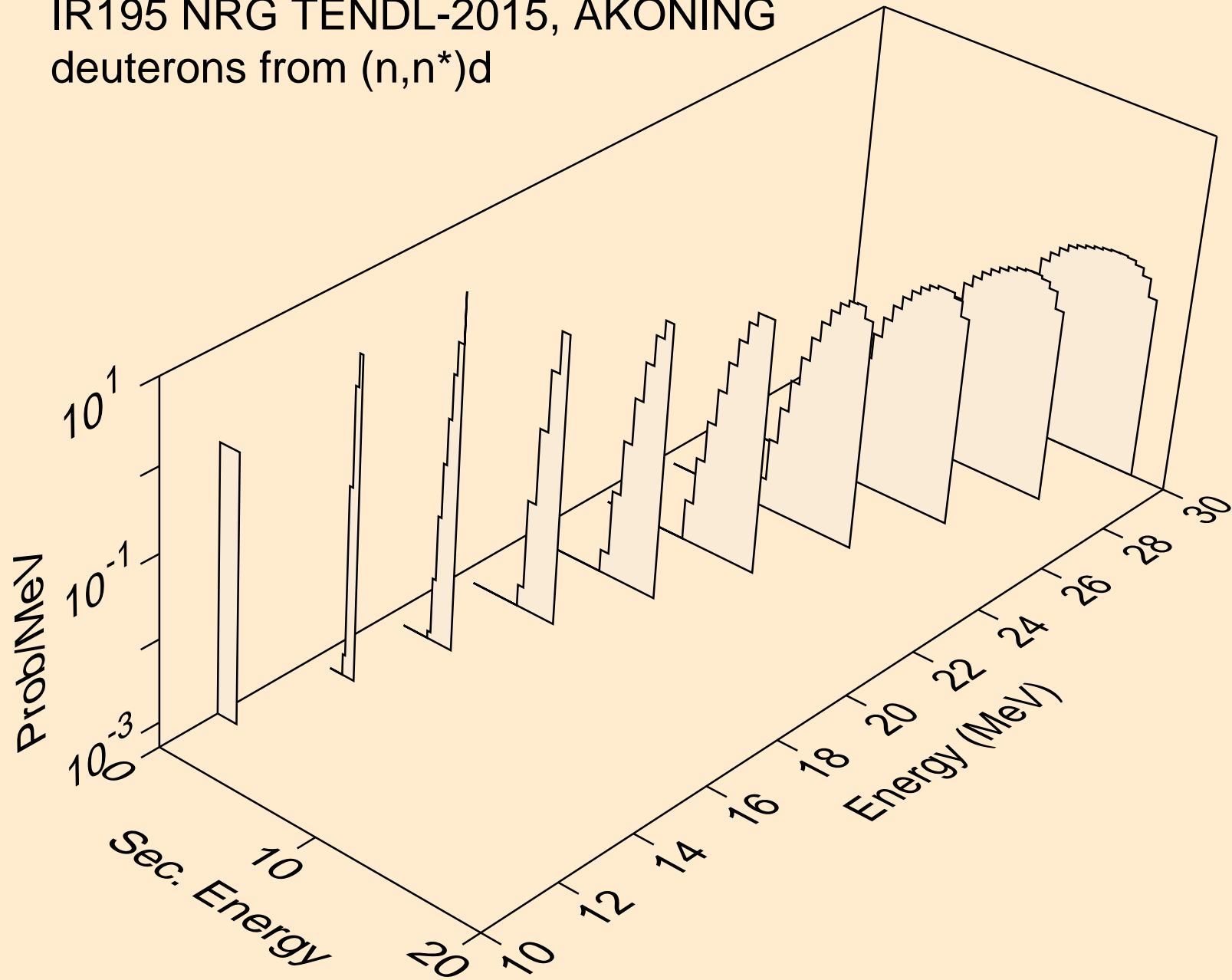
IR195 NRG TENDL-2015, AKONING  
deuterons from (n,x)



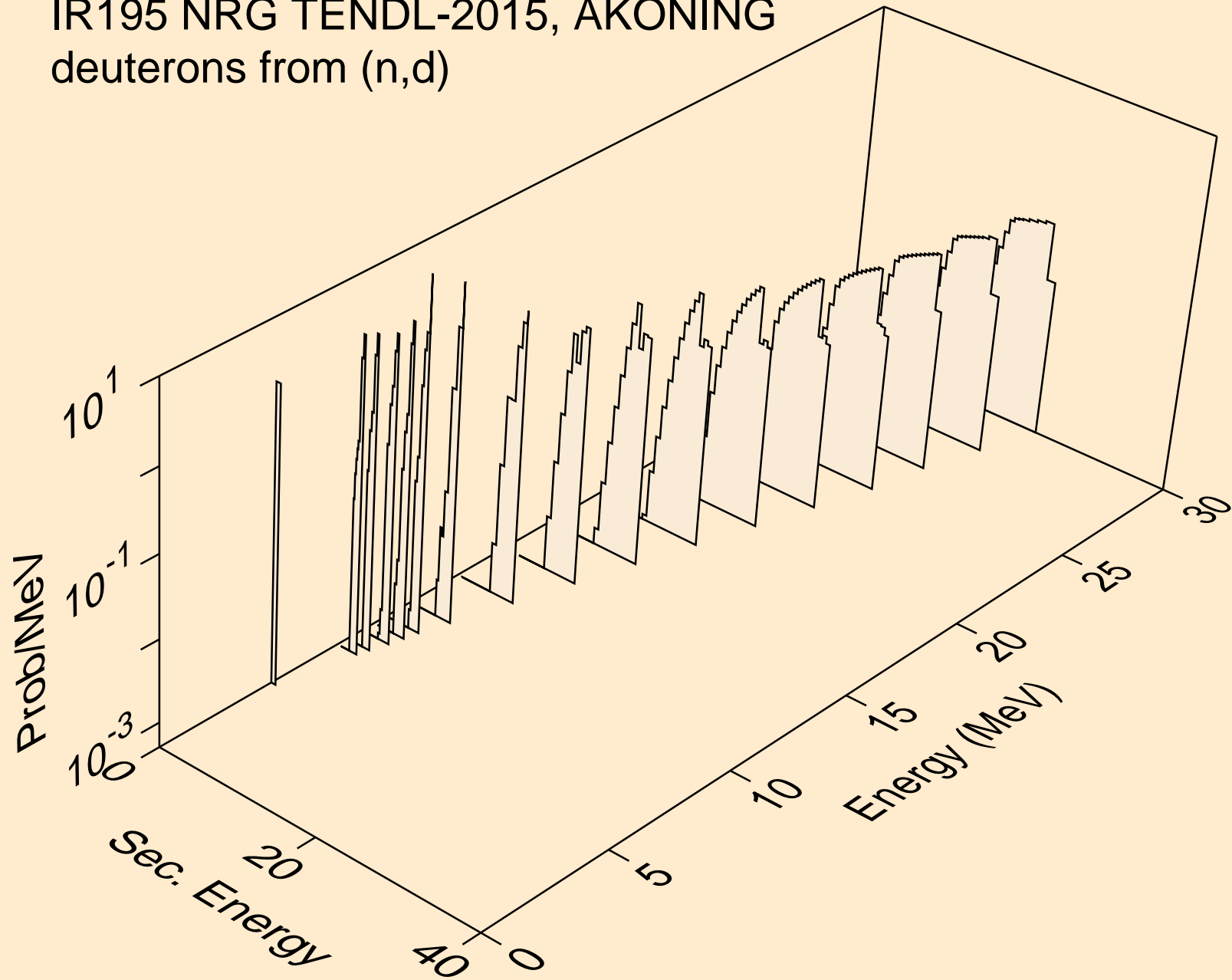
IR195 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



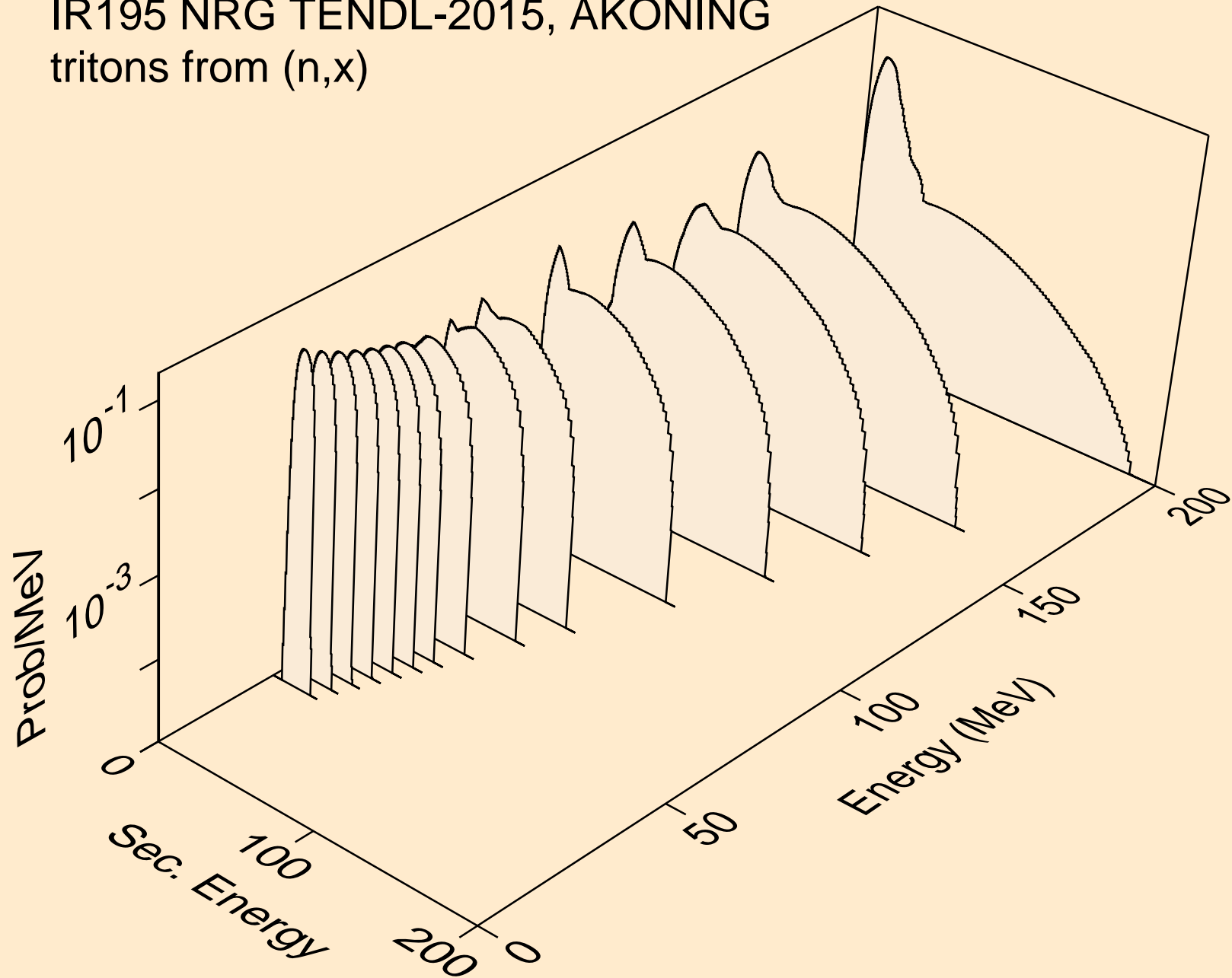
IR195 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



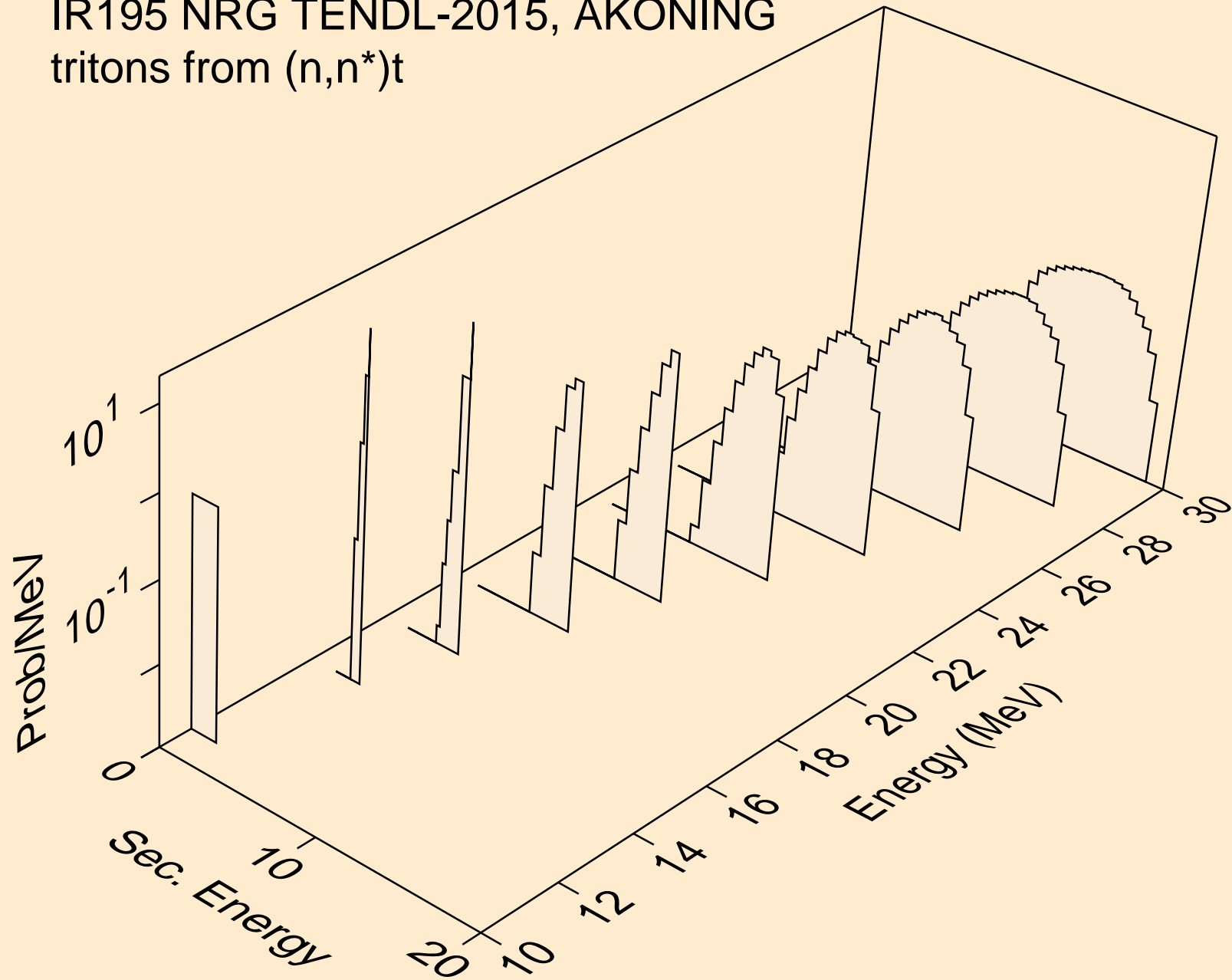
IR195 NRG TENDL-2015, AKONING  
deuterons from (n,d)



IR195 NRG TENDL-2015, AKONING  
tritons from (n,x)

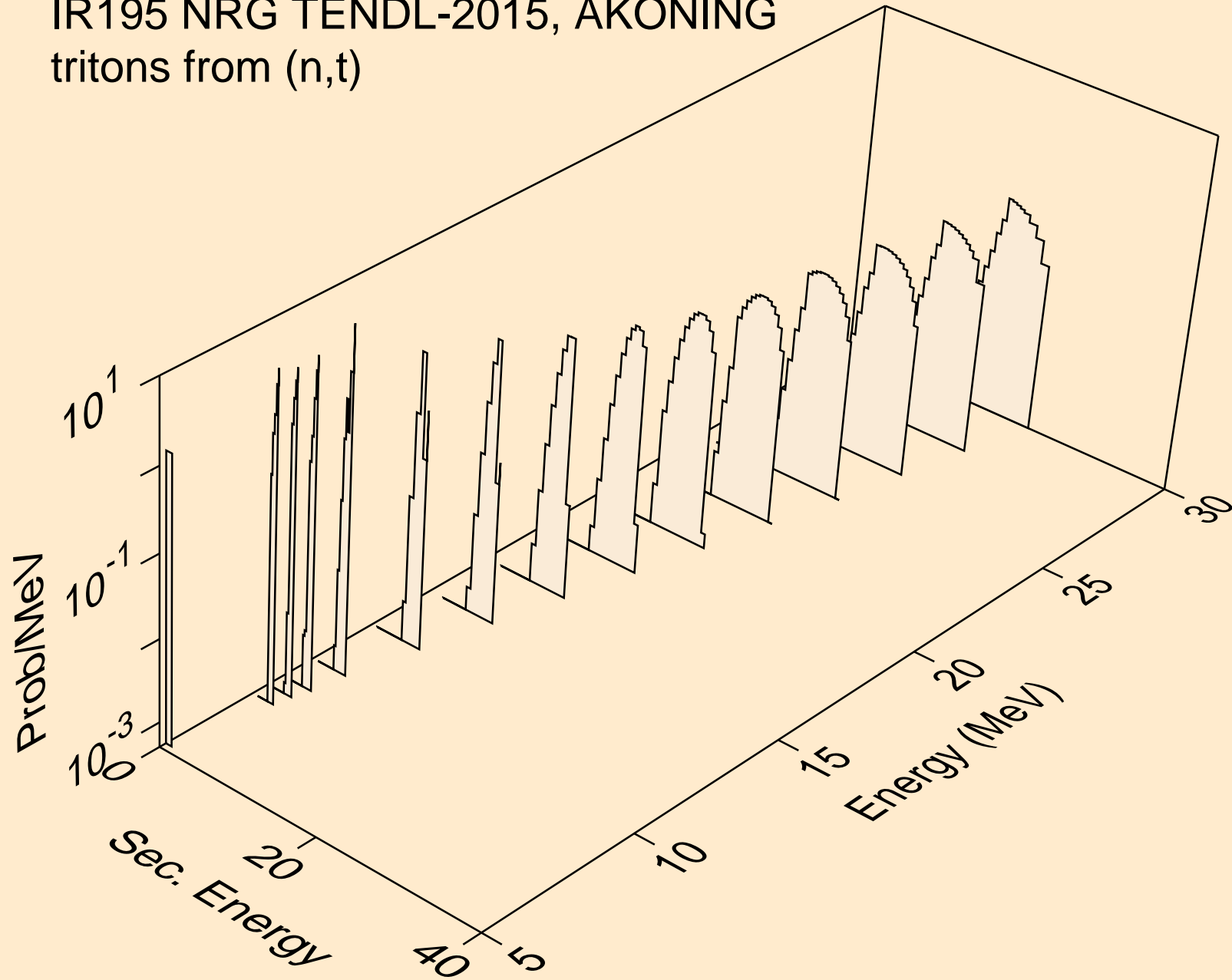


IR195 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

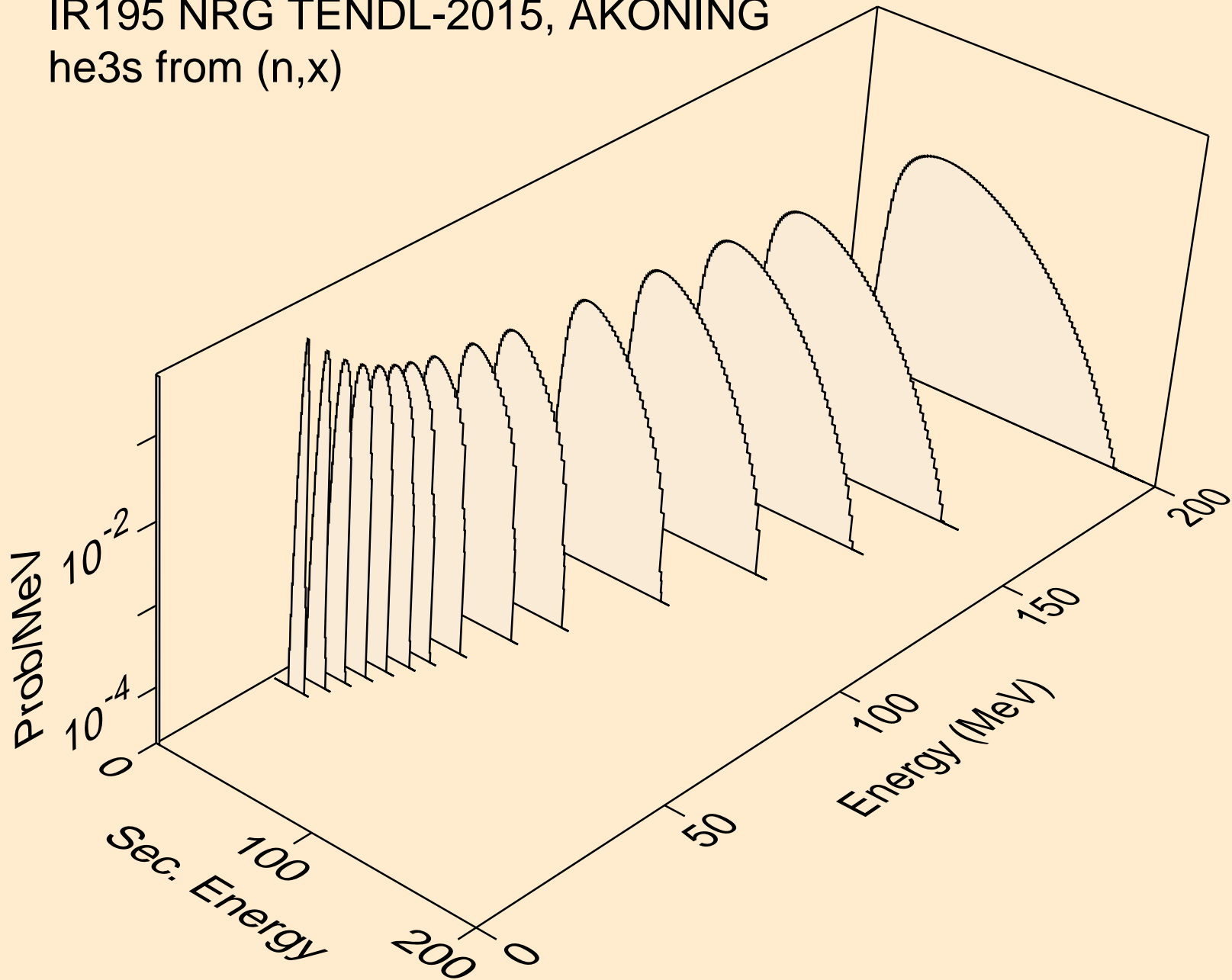




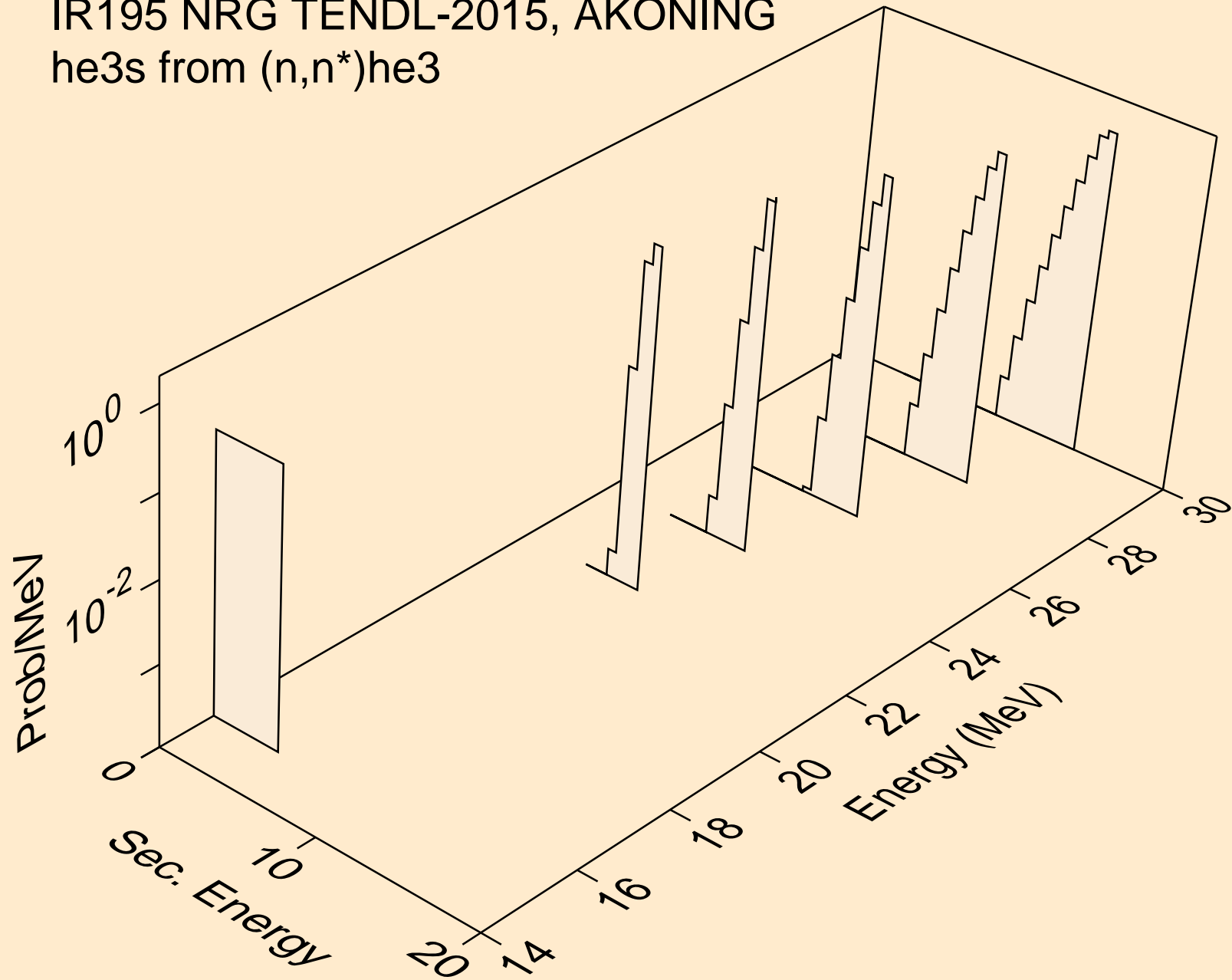
IR195 NRG TENDL-2015, AKONING  
tritons from (n,t)



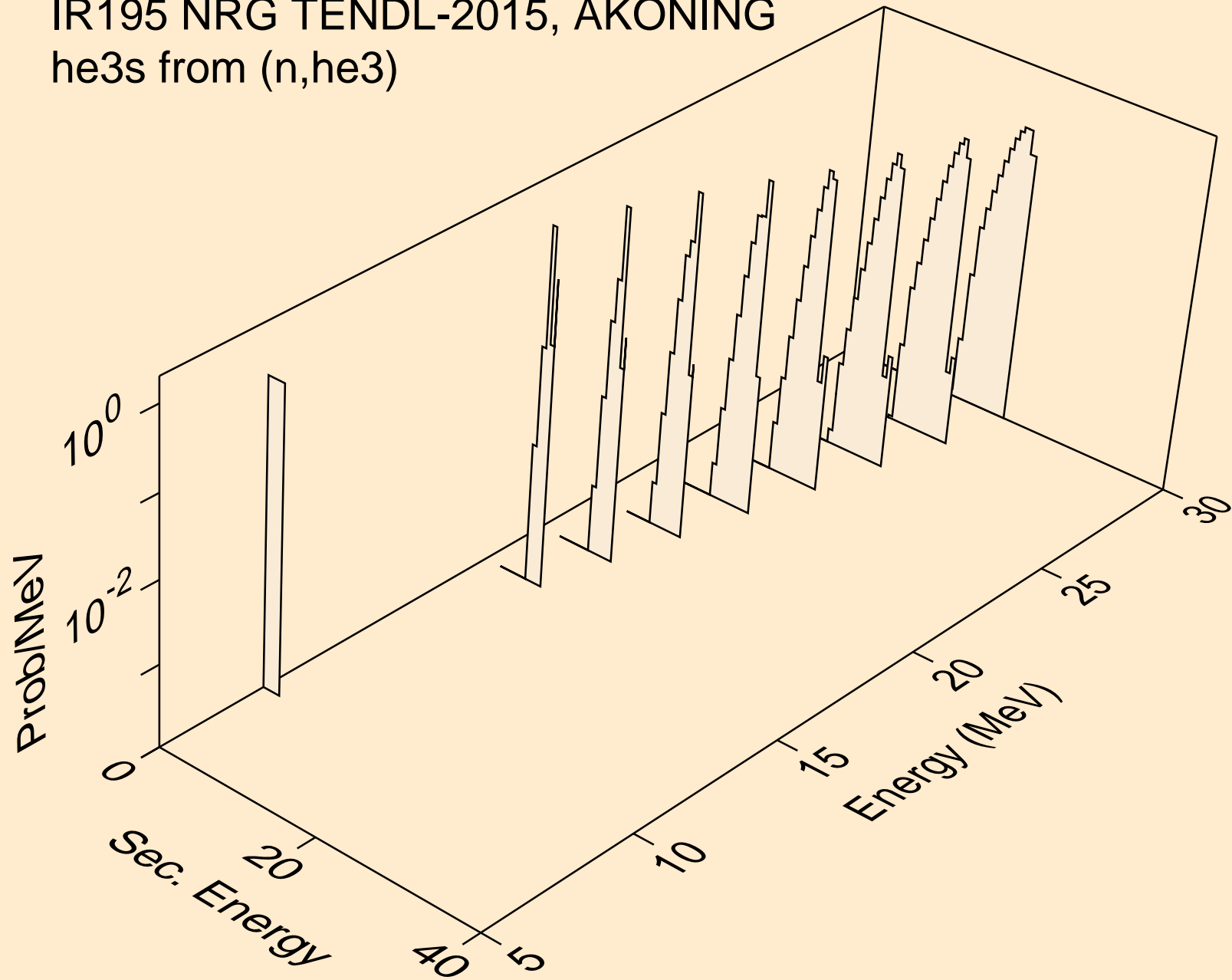
IR195 NRG TENDL-2015, AKONING  
he3s from (n,x)



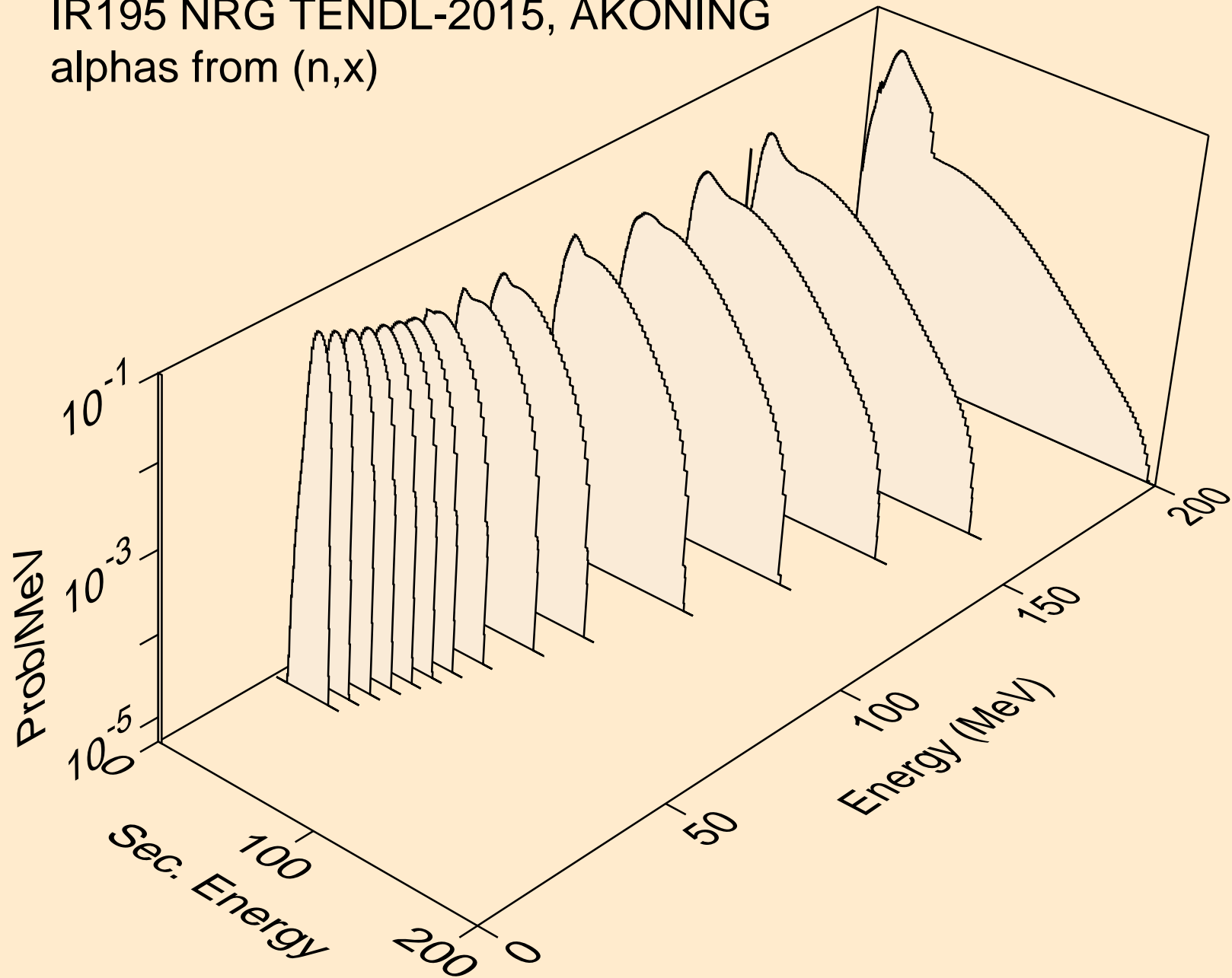
IR195 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



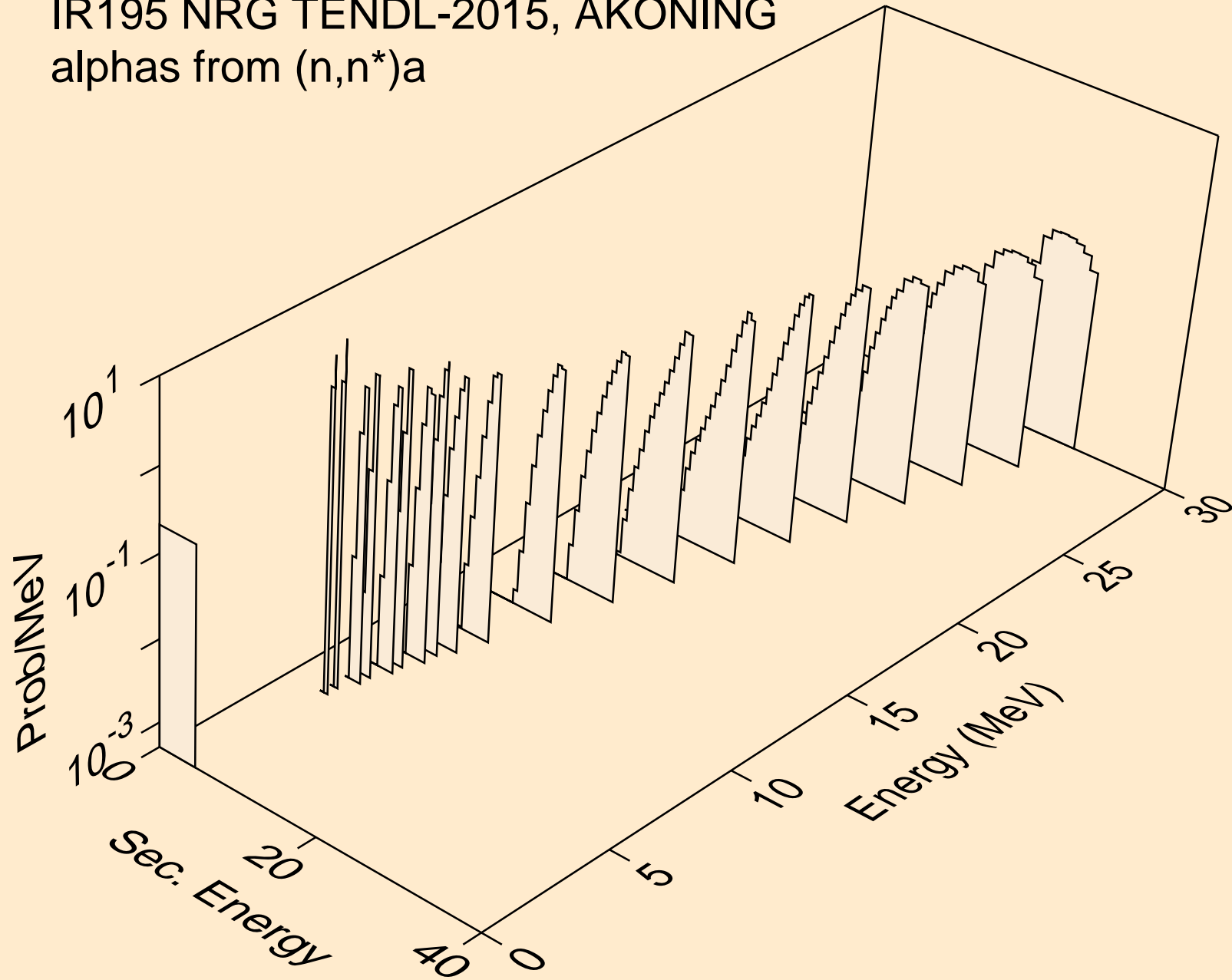
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he3s from (n,he3)



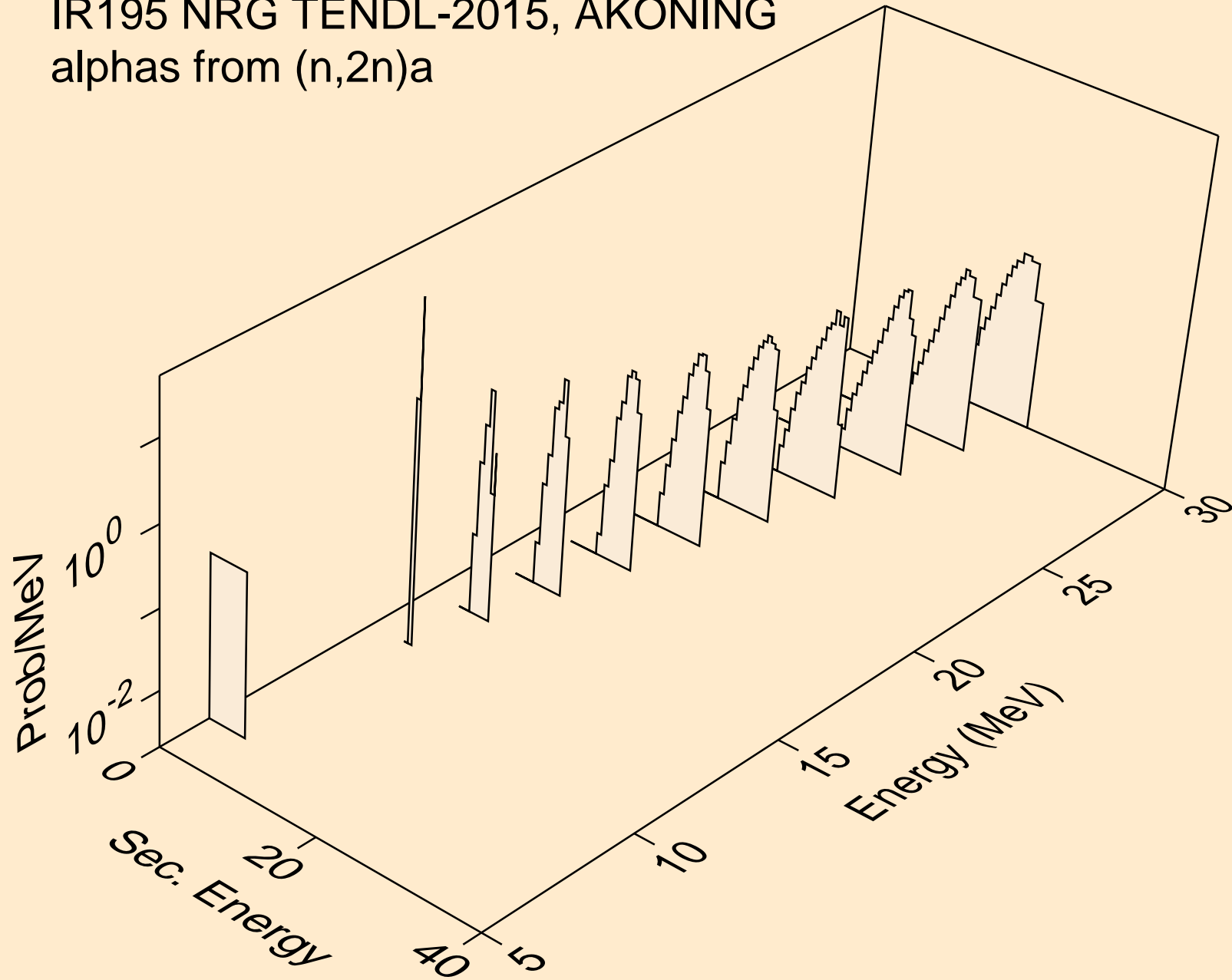
IR195 NRG TENDL-2015, AKONING  
alphas from (n,x)



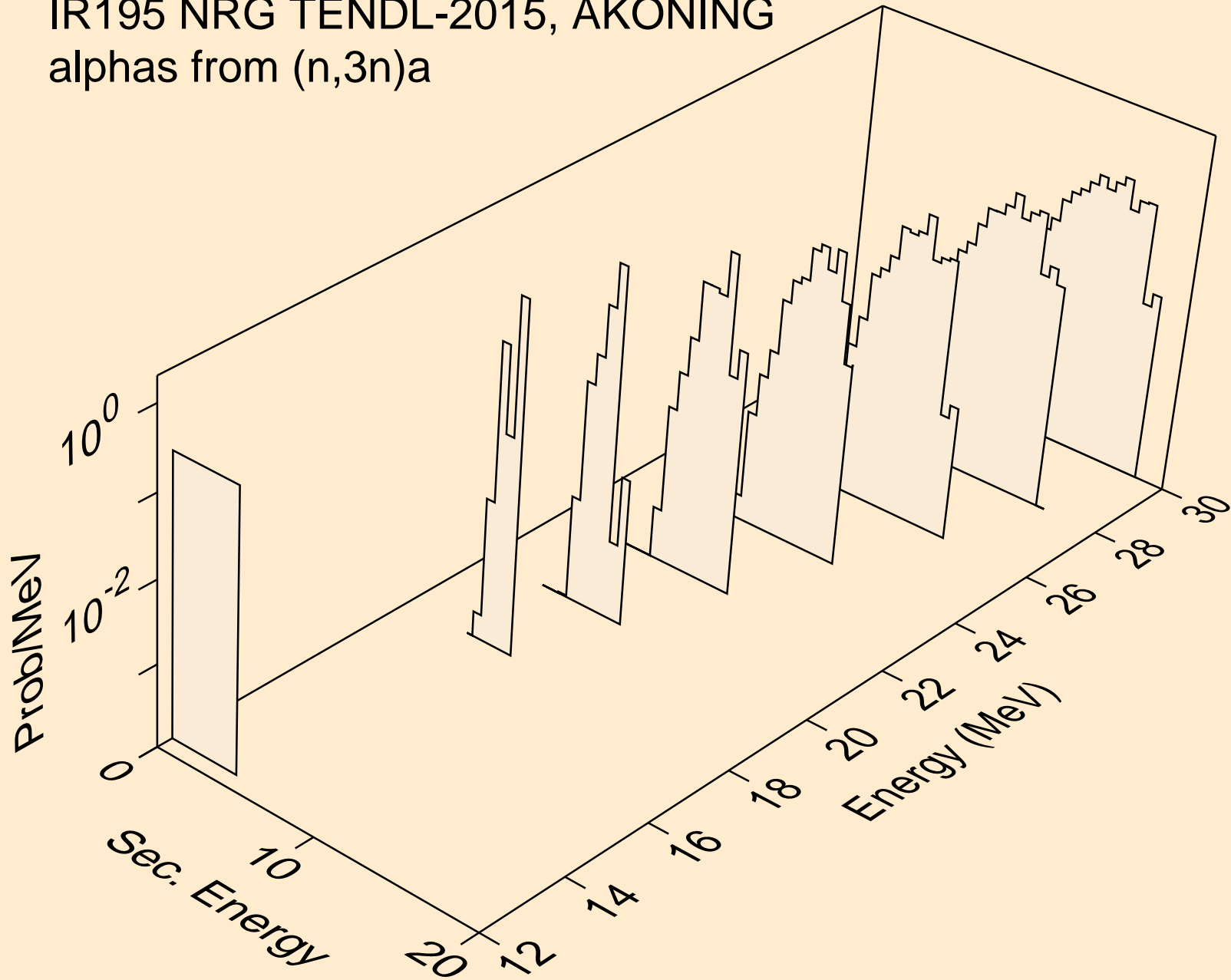
IR195 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



IR195 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



IR195 NRG TENDL-2015, AKONING  
alphas from (n,3n)a





IR195 NRG TENDL-2015, AKONING  
alphas from (n,a)

