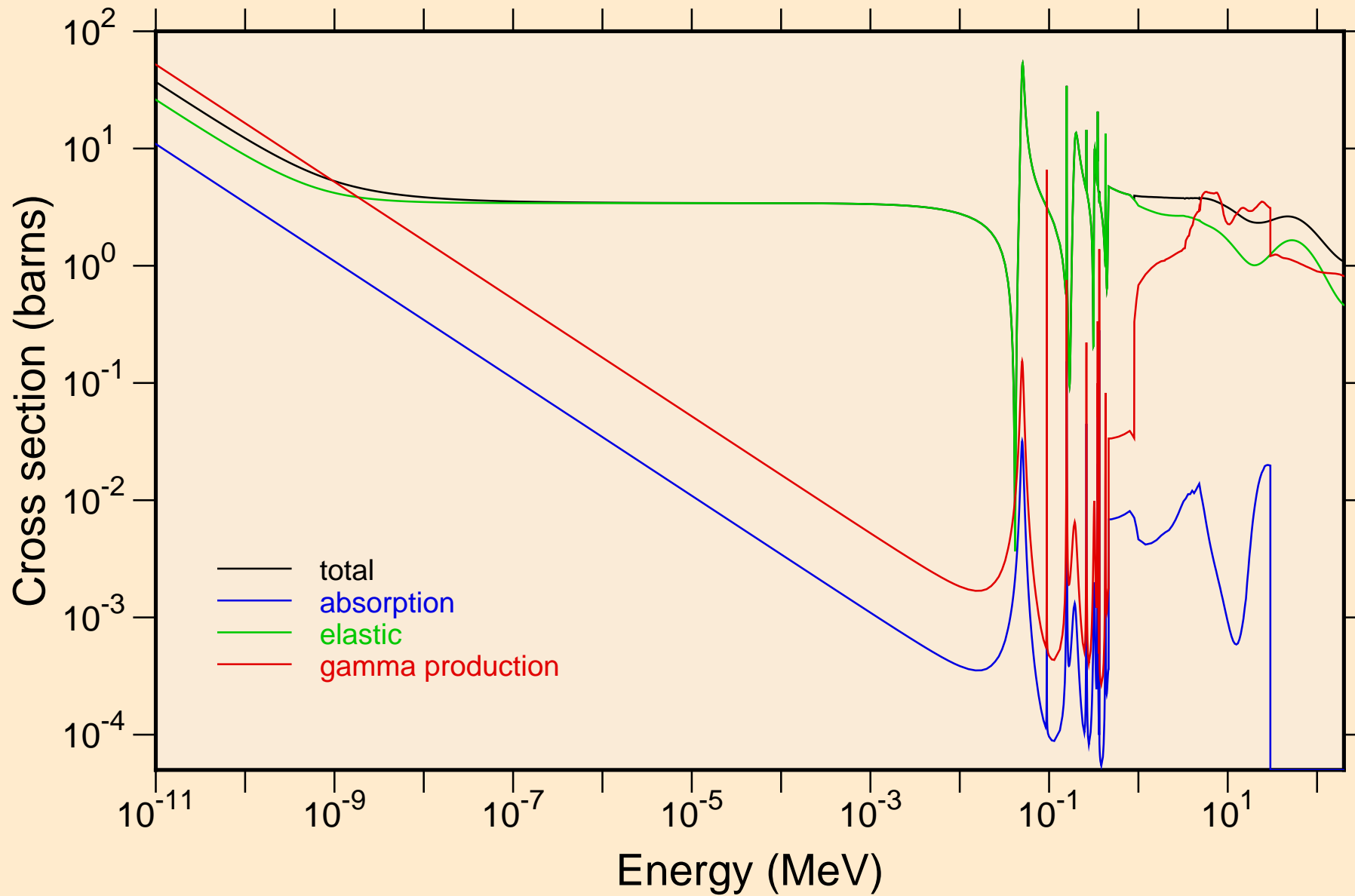


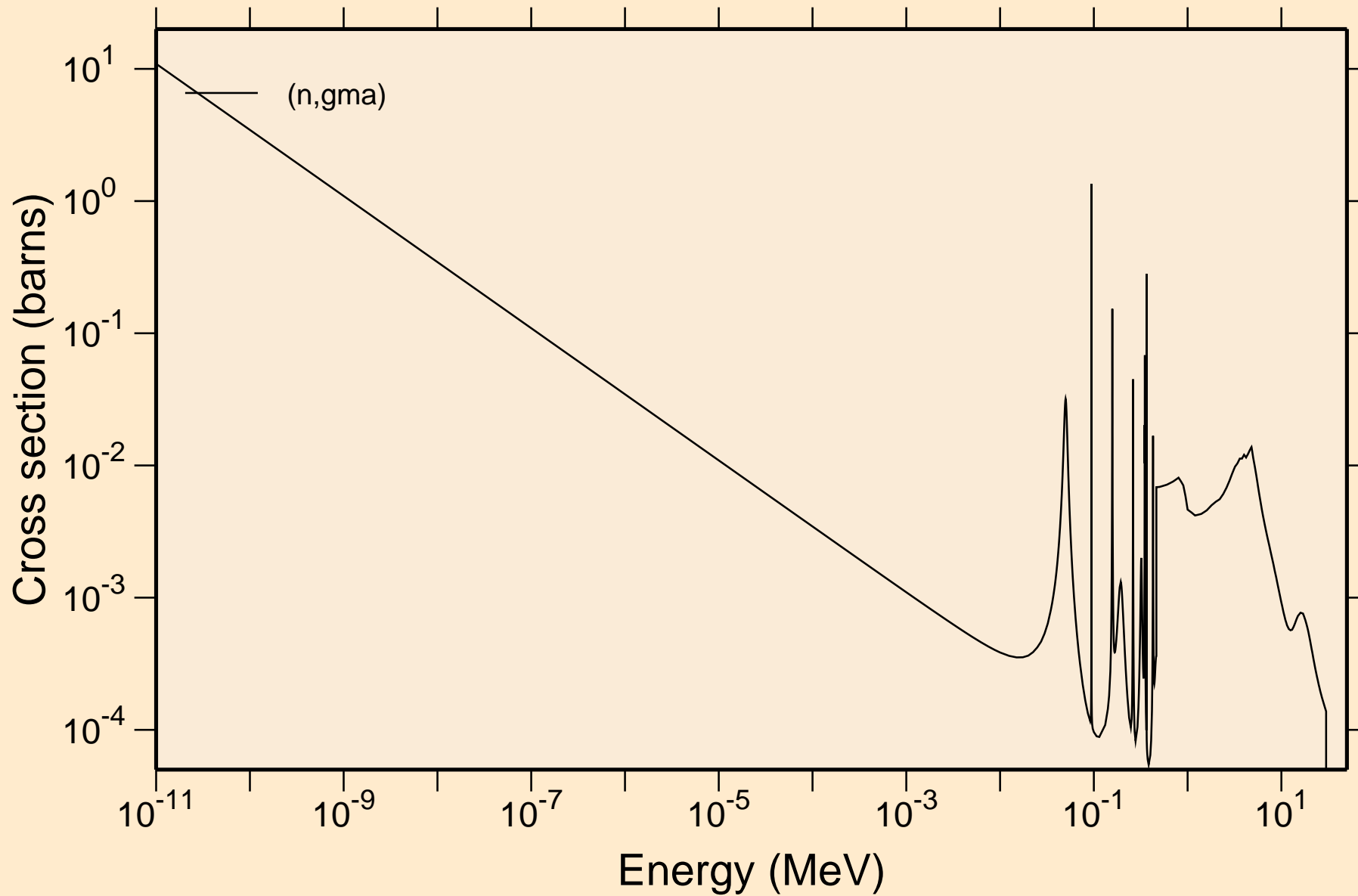
# CR058 NRG TENDL-2015, AKONING

## Principal cross sections



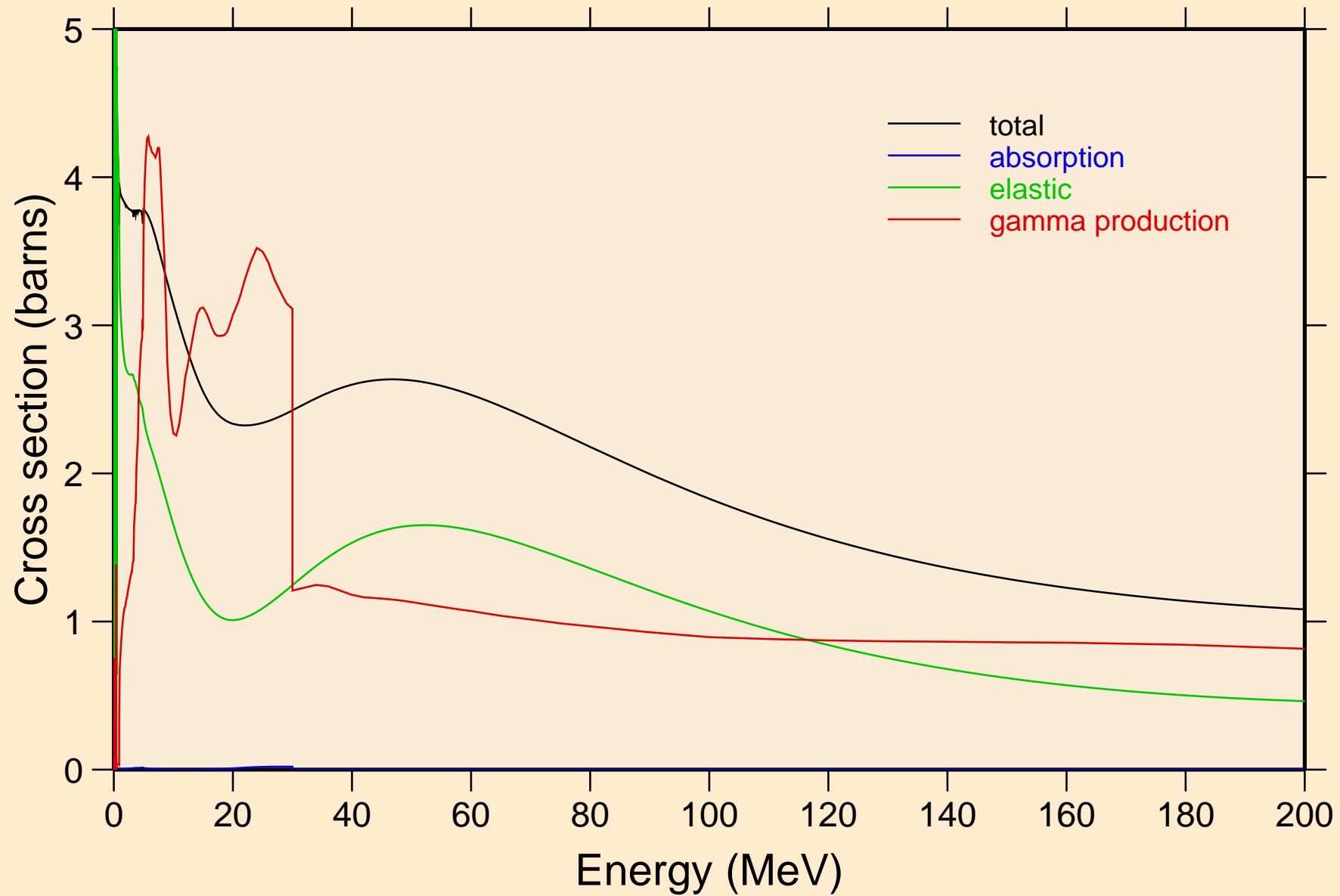
# CR058 NRG TENDL-2015, AKONING

## Non-threshold reactions

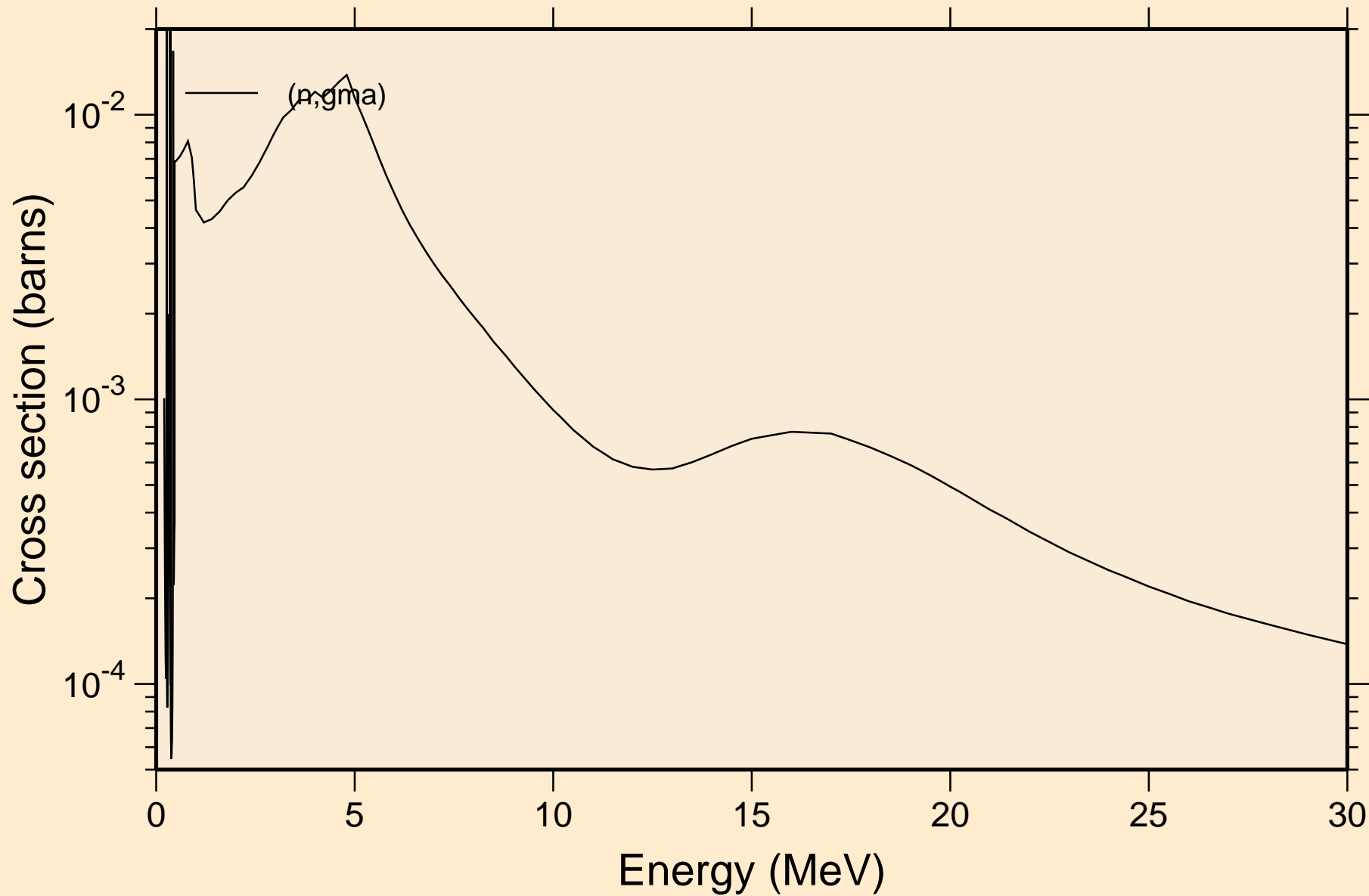


# CR058 NRG TENDL-2015, AKONING

## Principal cross sections

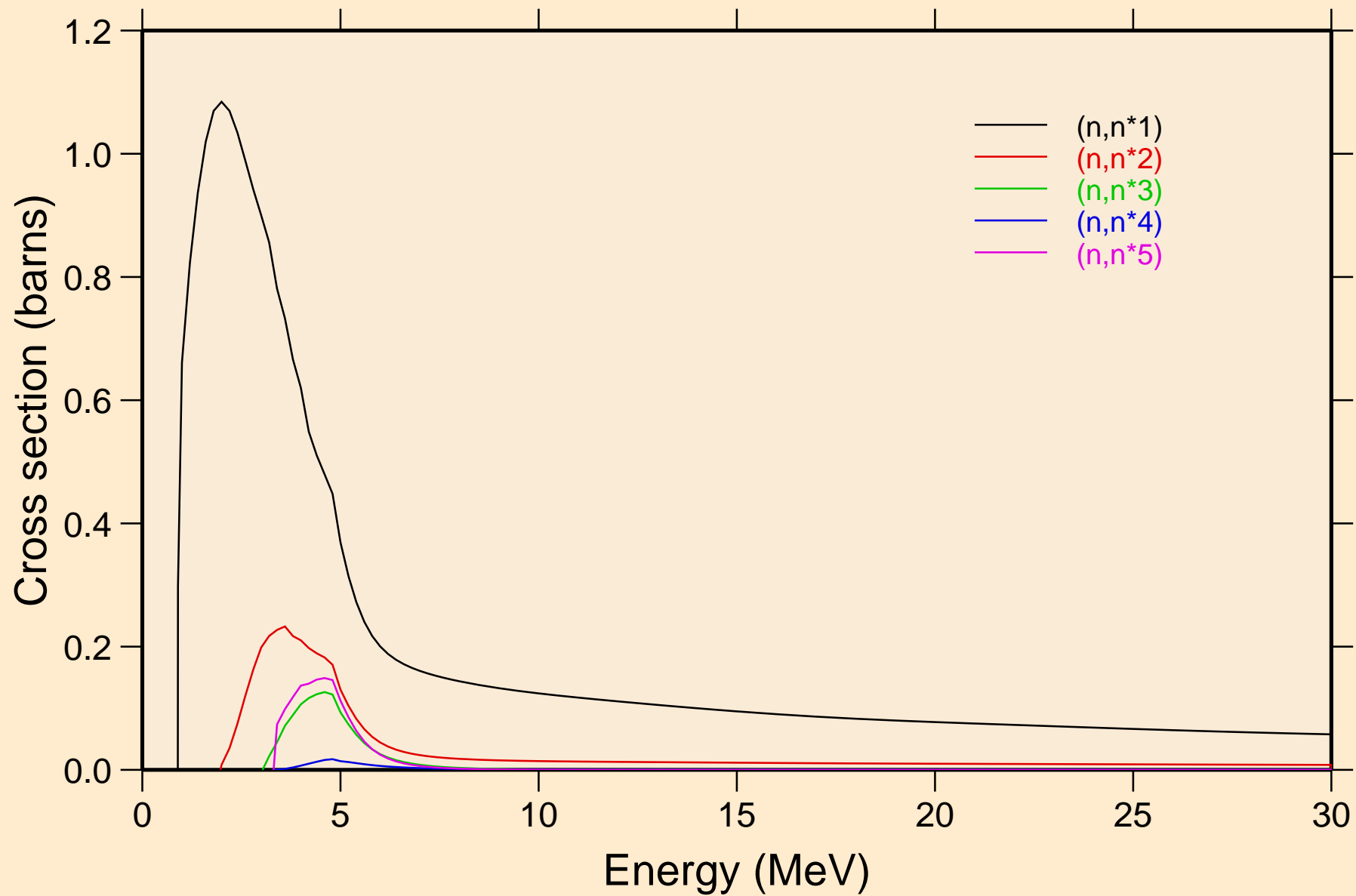


CR058 NRG TENDL-2015, AKONING  
Non-threshold reactions



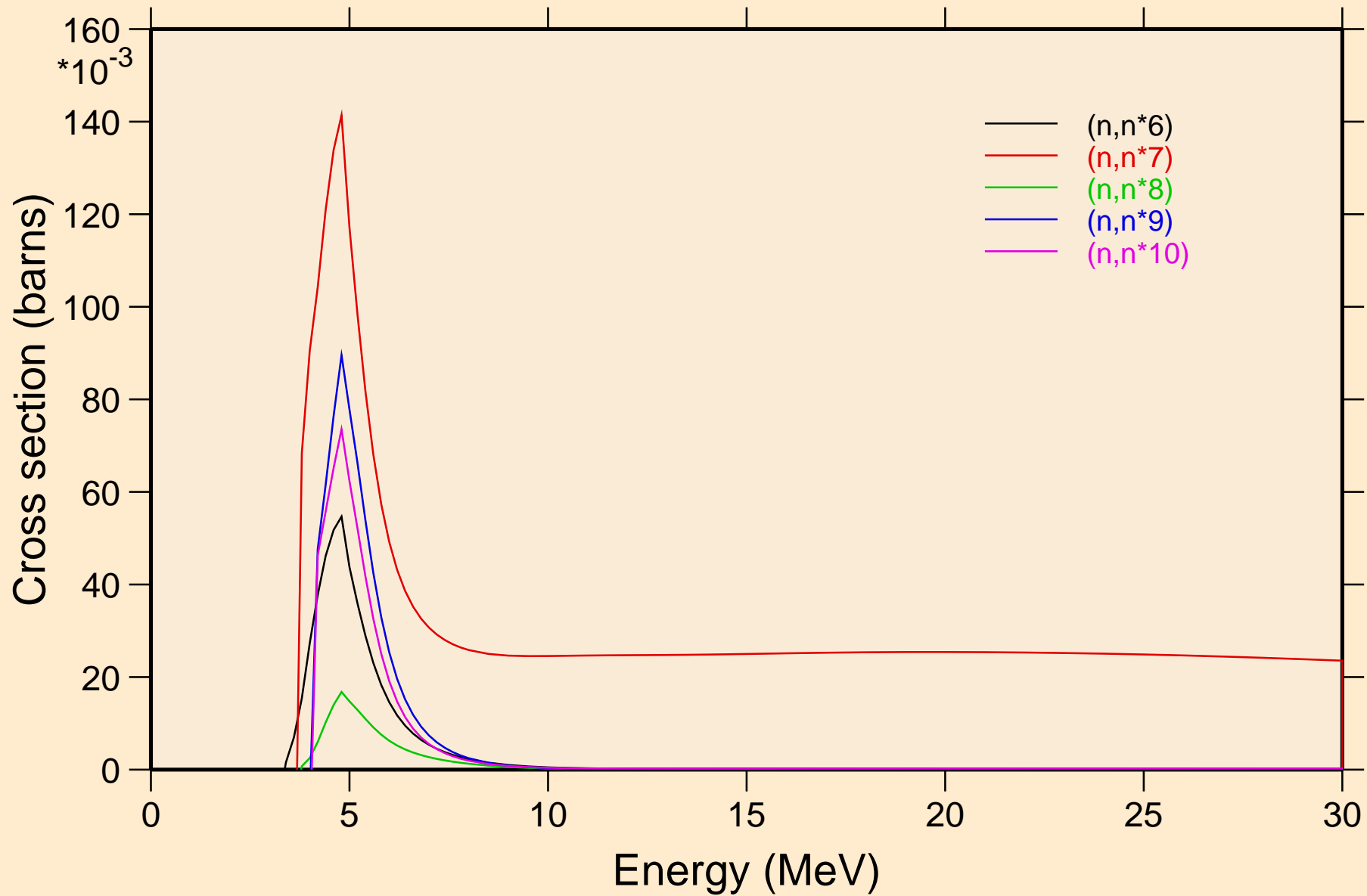
# CR058 NRG TENDL-2015, AKONING

## Inelastic levels



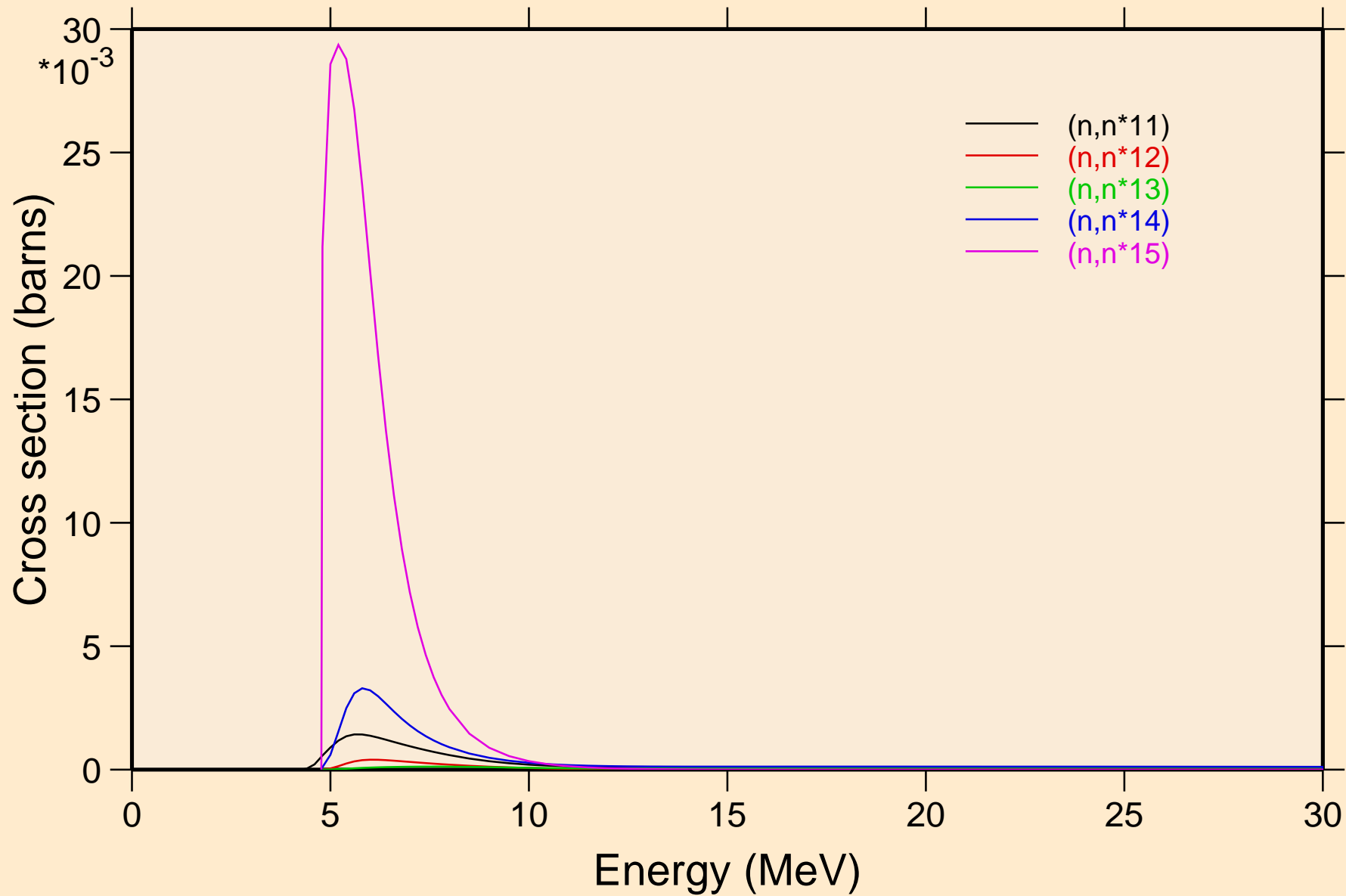
# CR058 NRG TENDL-2015, AKONING

## Inelastic levels



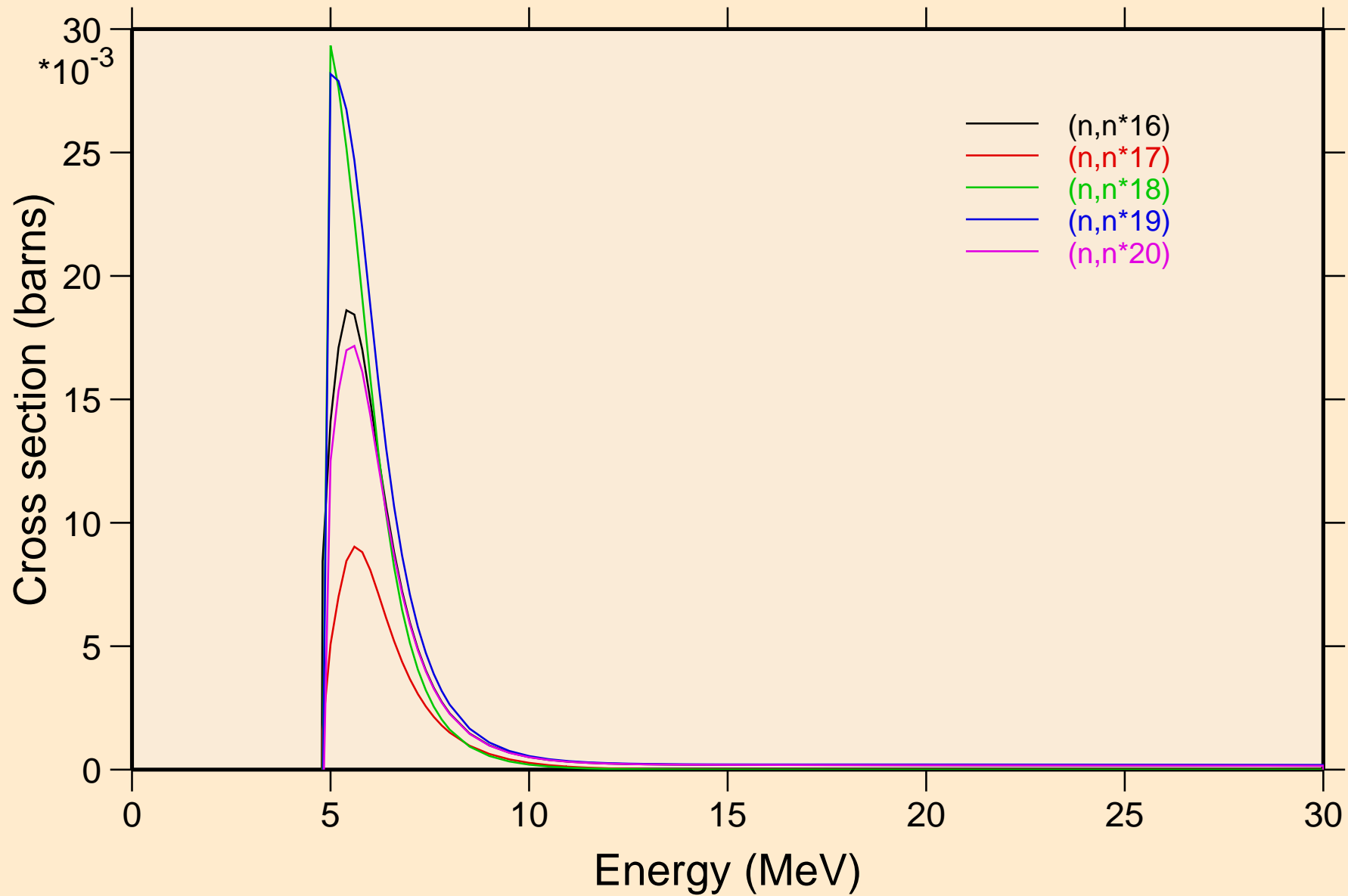
# CR058 NRG TENDL-2015, AKONING

## Inelastic levels



# CR058 NRG TENDL-2015, AKONING

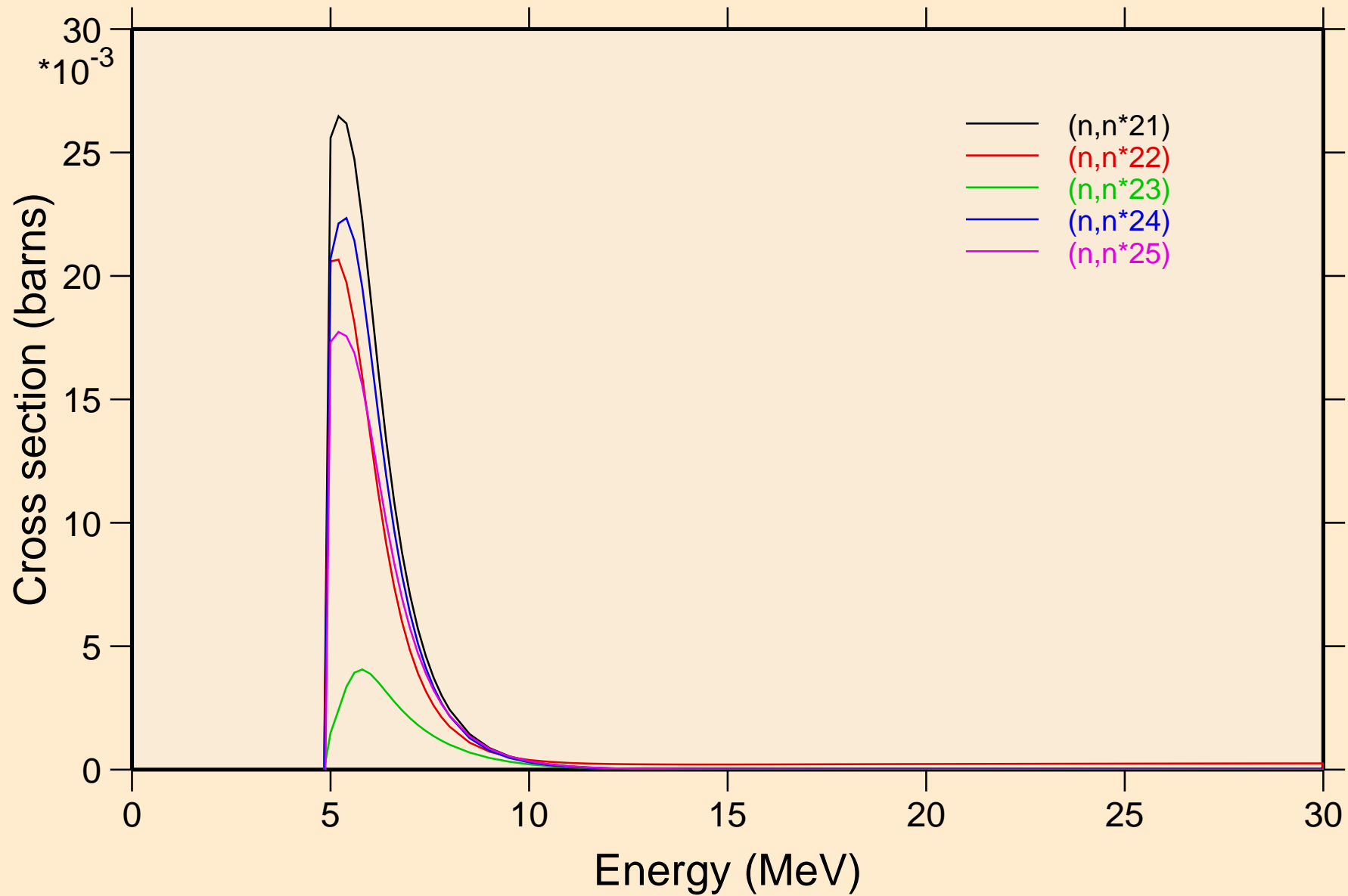
## Inelastic levels





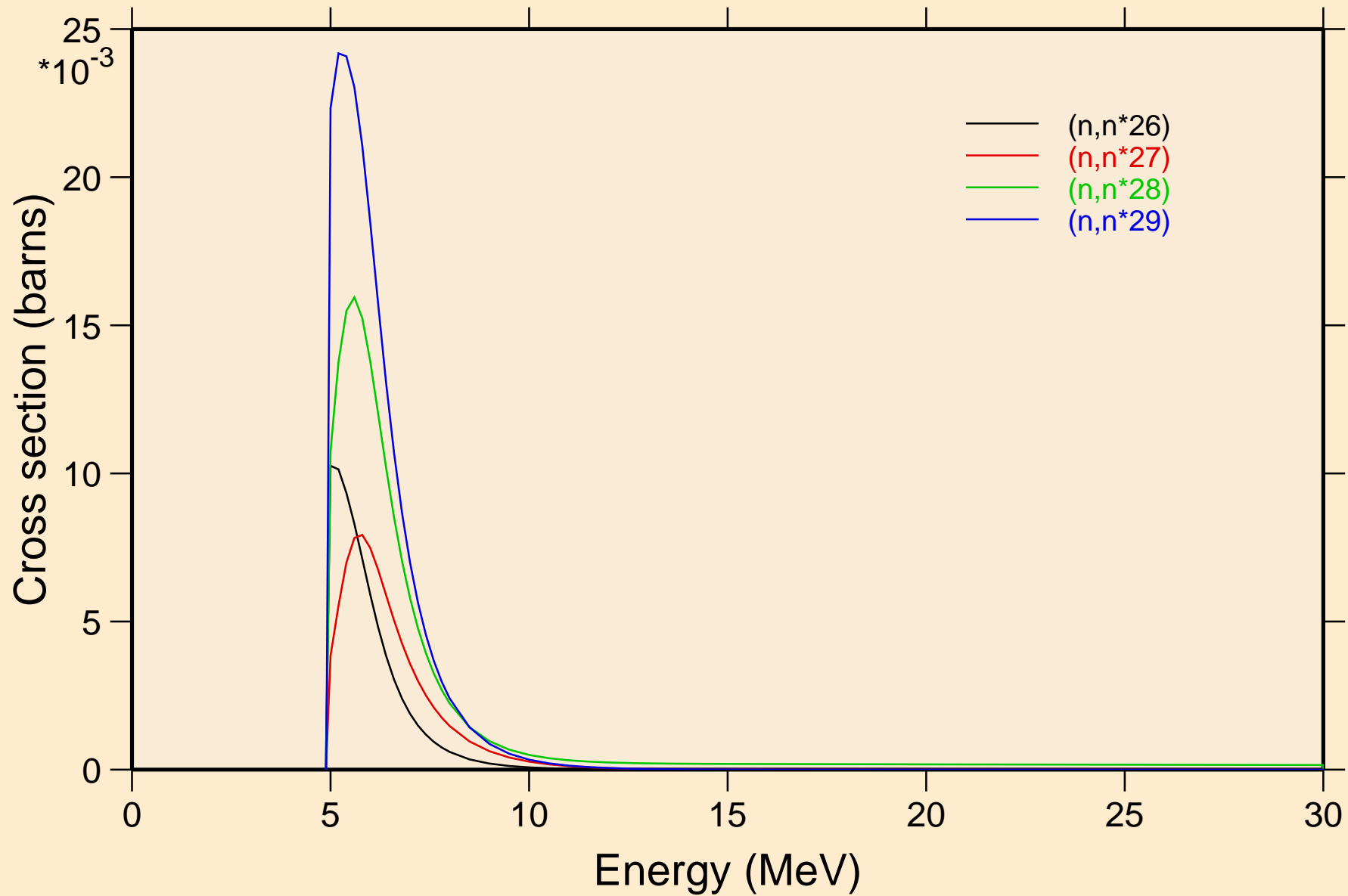
# CR058 NRG TENDL-2015, AKONING

## Inelastic levels



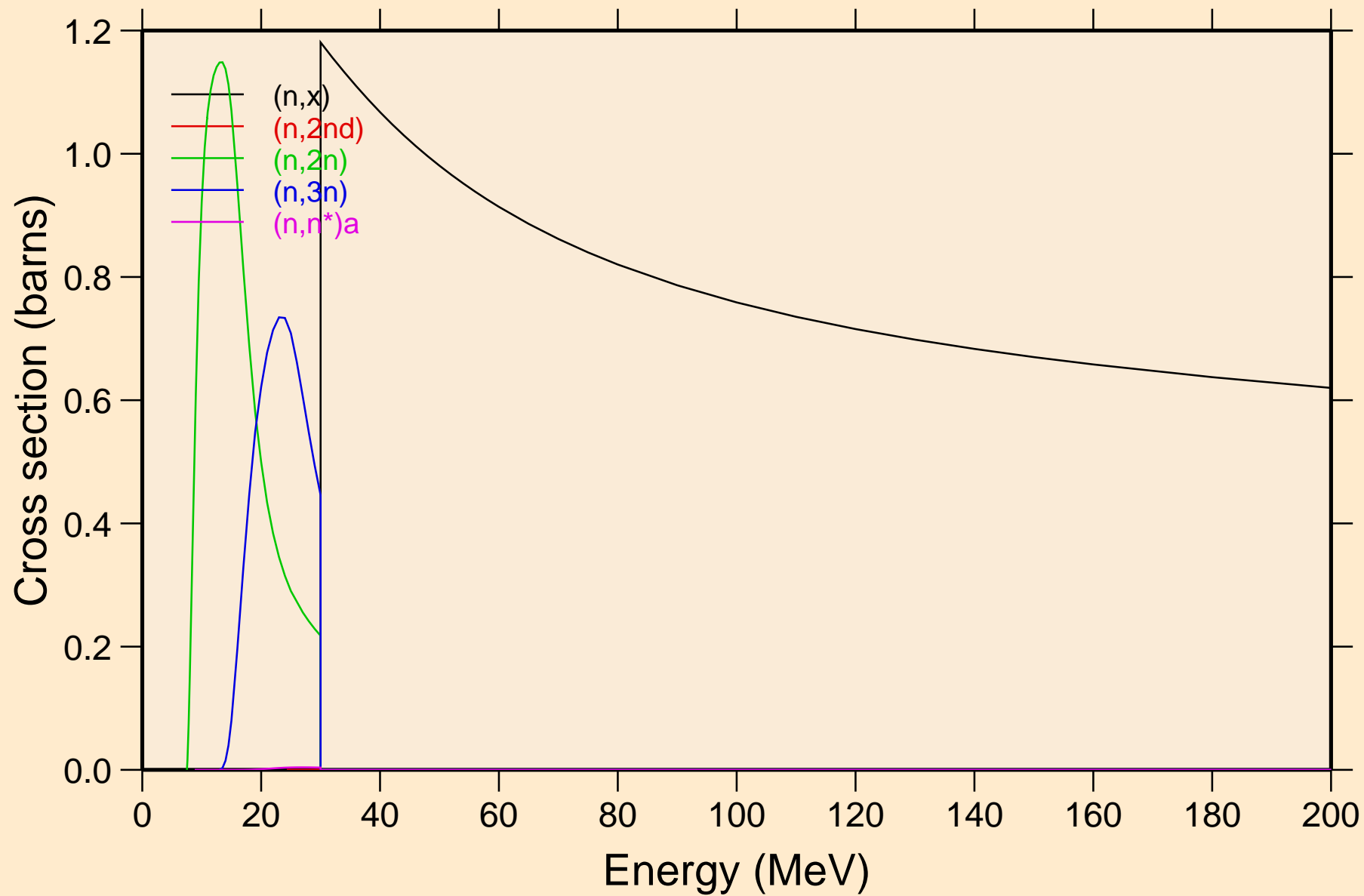
# CR058 NRG TENDL-2015, AKONING

## Inelastic levels



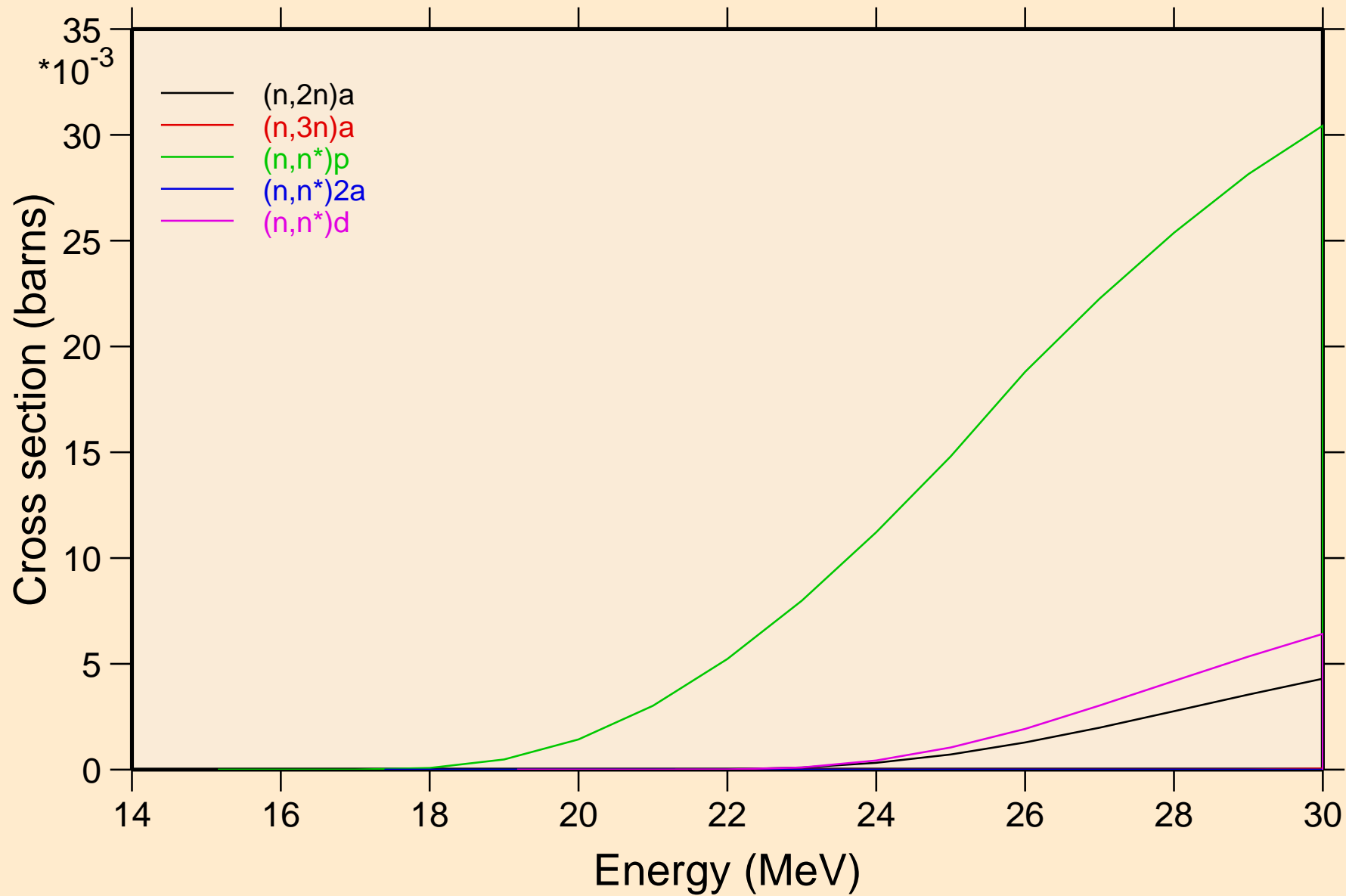
# CR058 NRG TENDL-2015, AKONING

## Threshold reactions



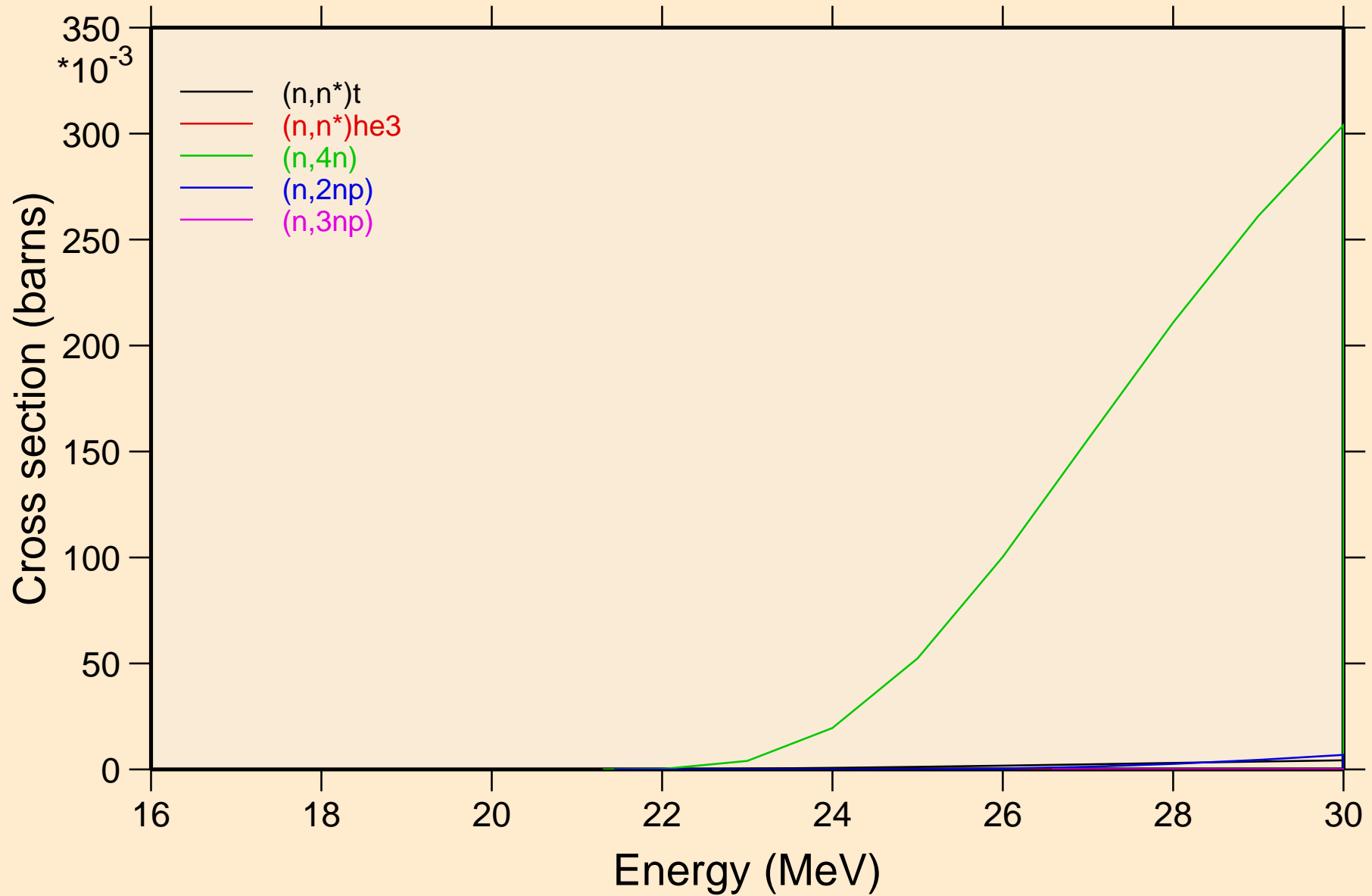
# CR058 NRG TENDL-2015, AKONING

## Threshold reactions



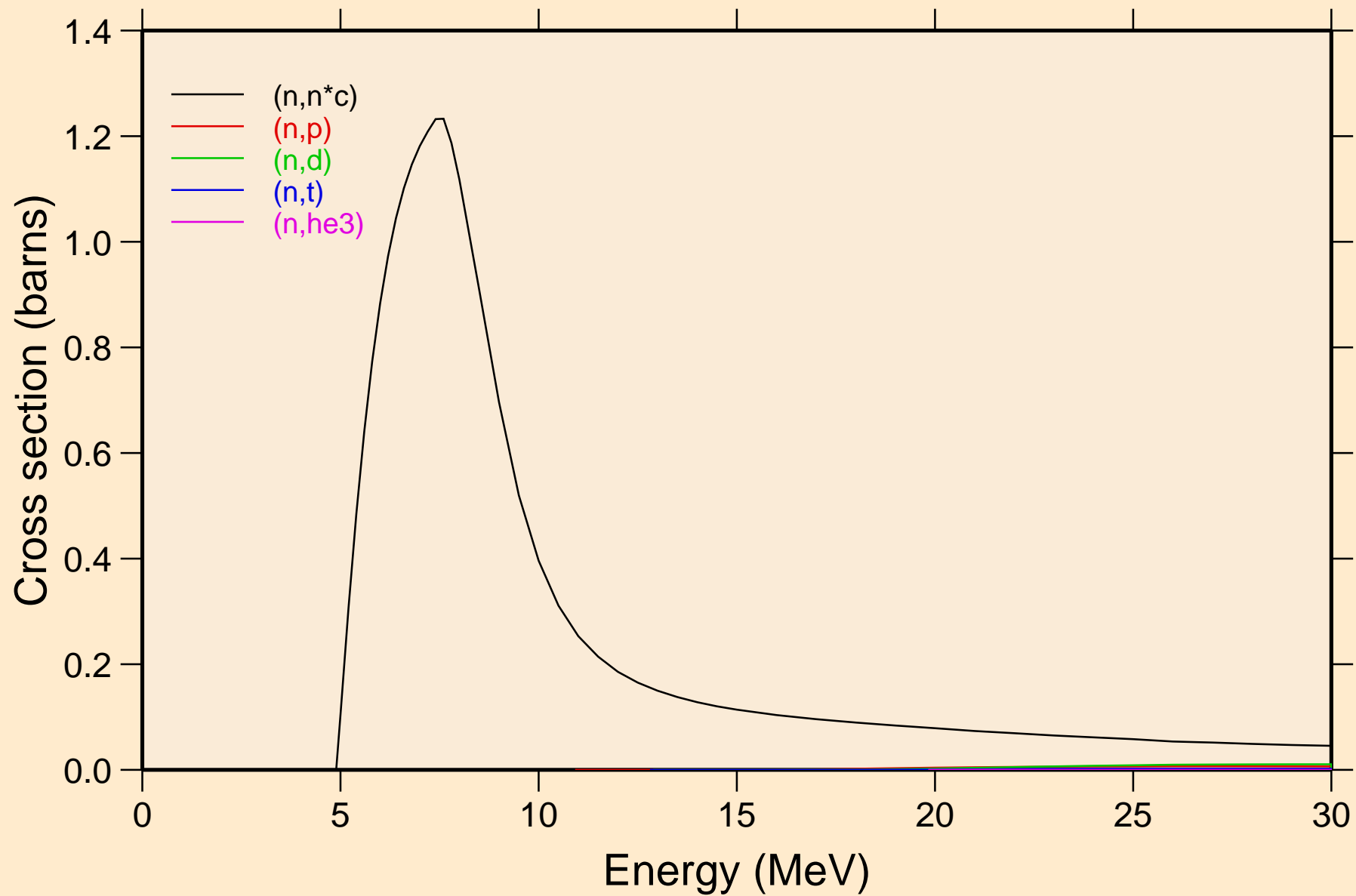
# CR058 NRG TENDL-2015, AKONING

## Threshold reactions



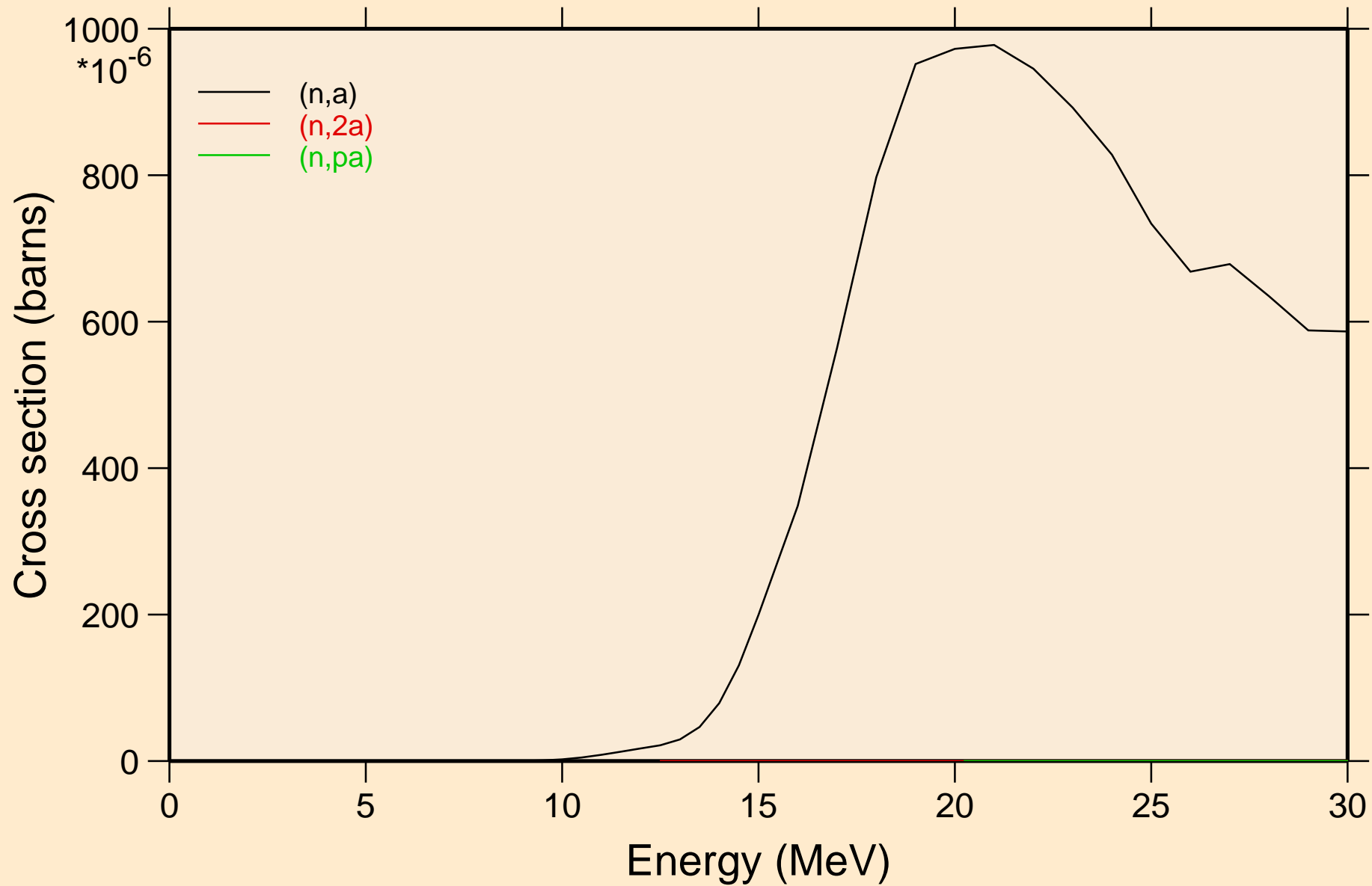
# CR058 NRG TENDL-2015, AKONING

## Threshold reactions

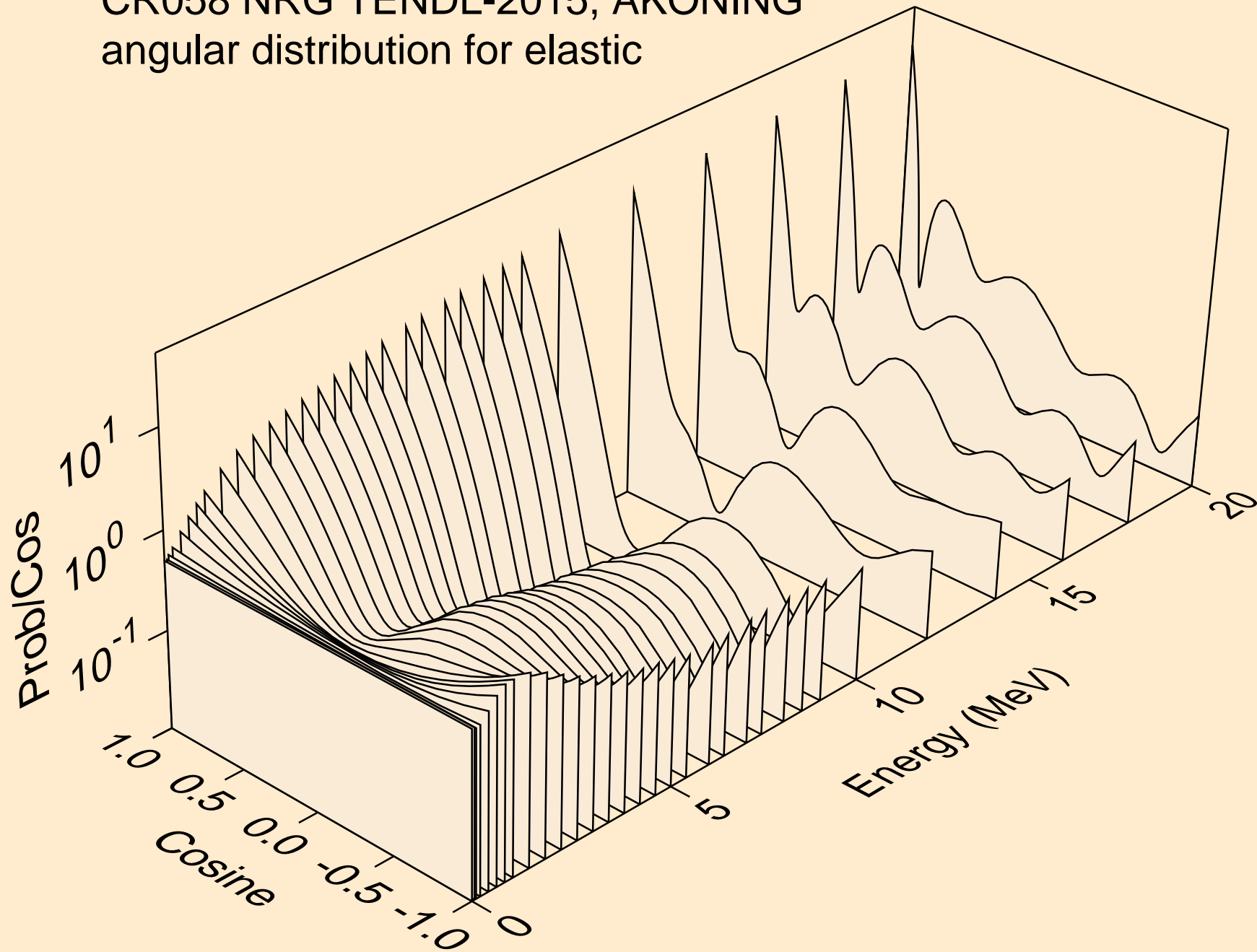


# CR058 NRG TENDL-2015, AKONING

## Threshold reactions

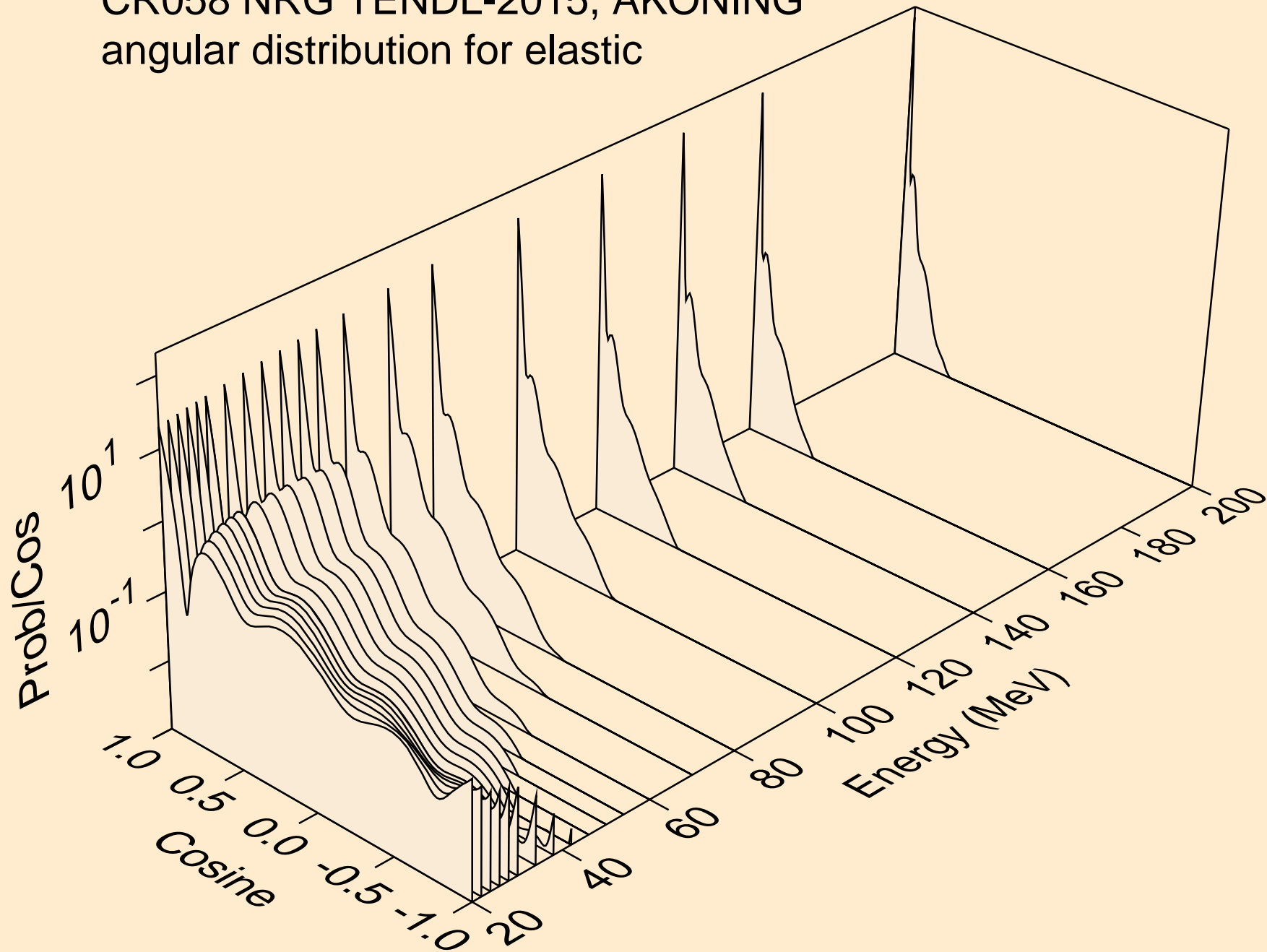


CR058 NRG TENDL-2015, AKONING  
angular distribution for elastic

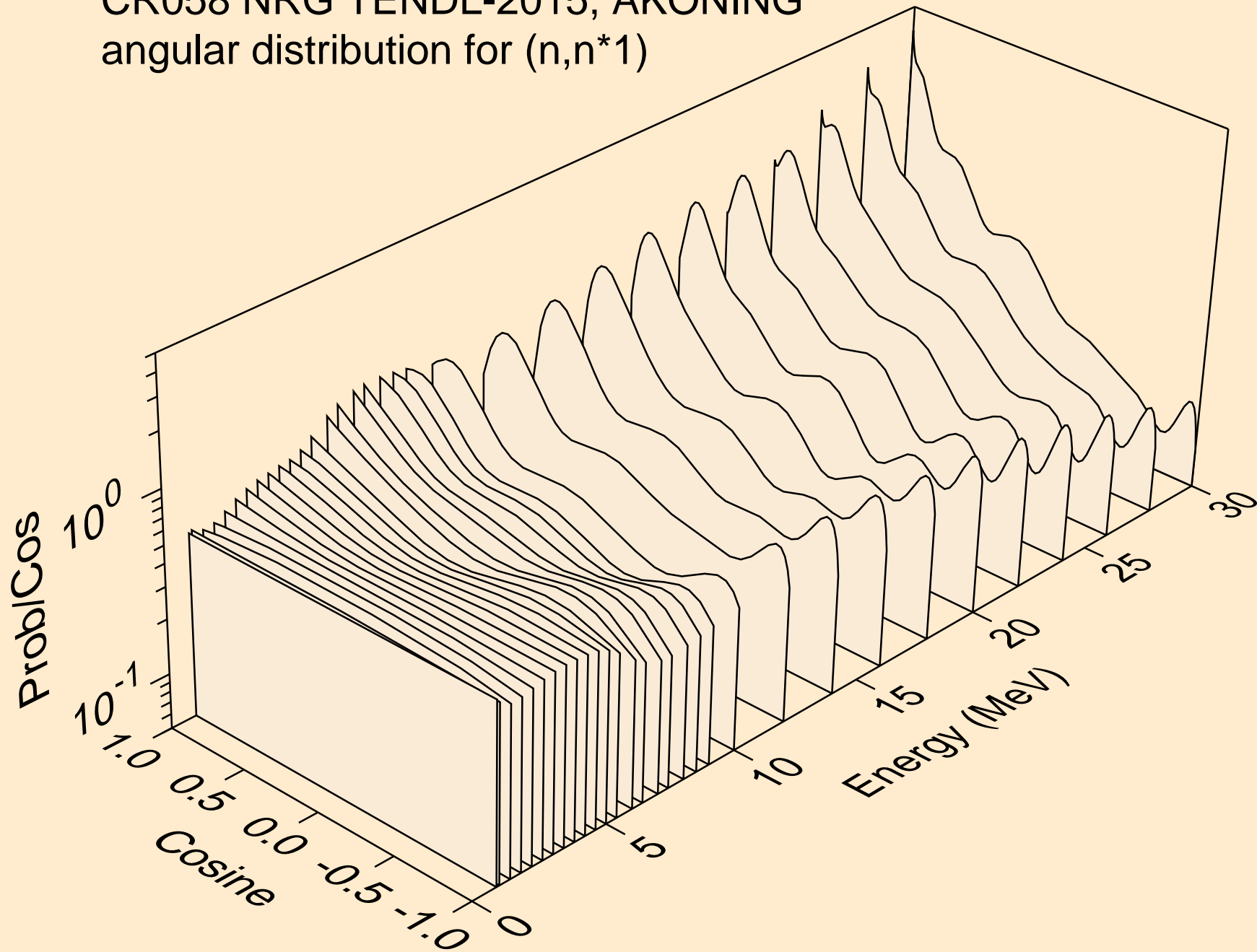




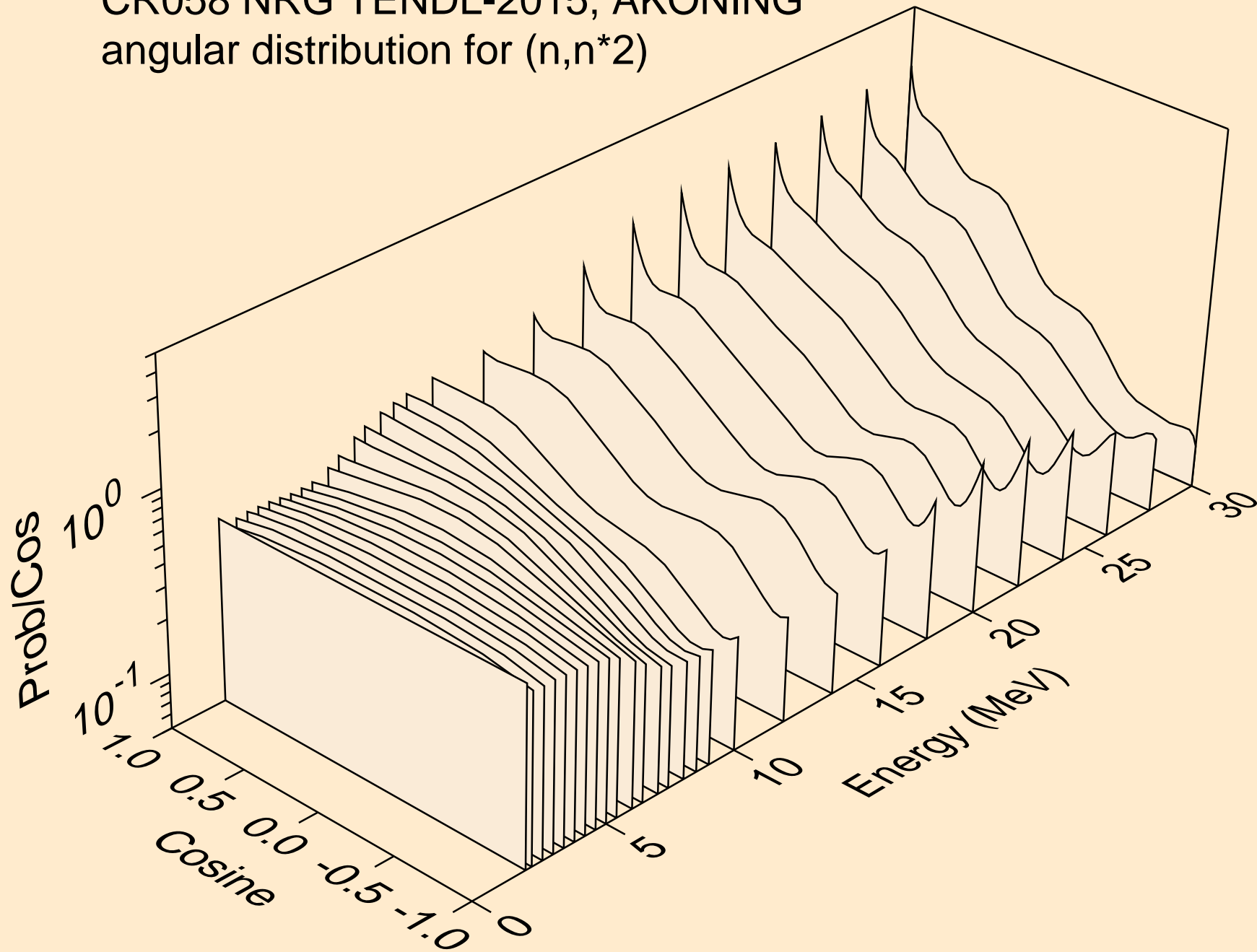
CR058 NRG TENDL-2015, AKONING  
angular distribution for elastic



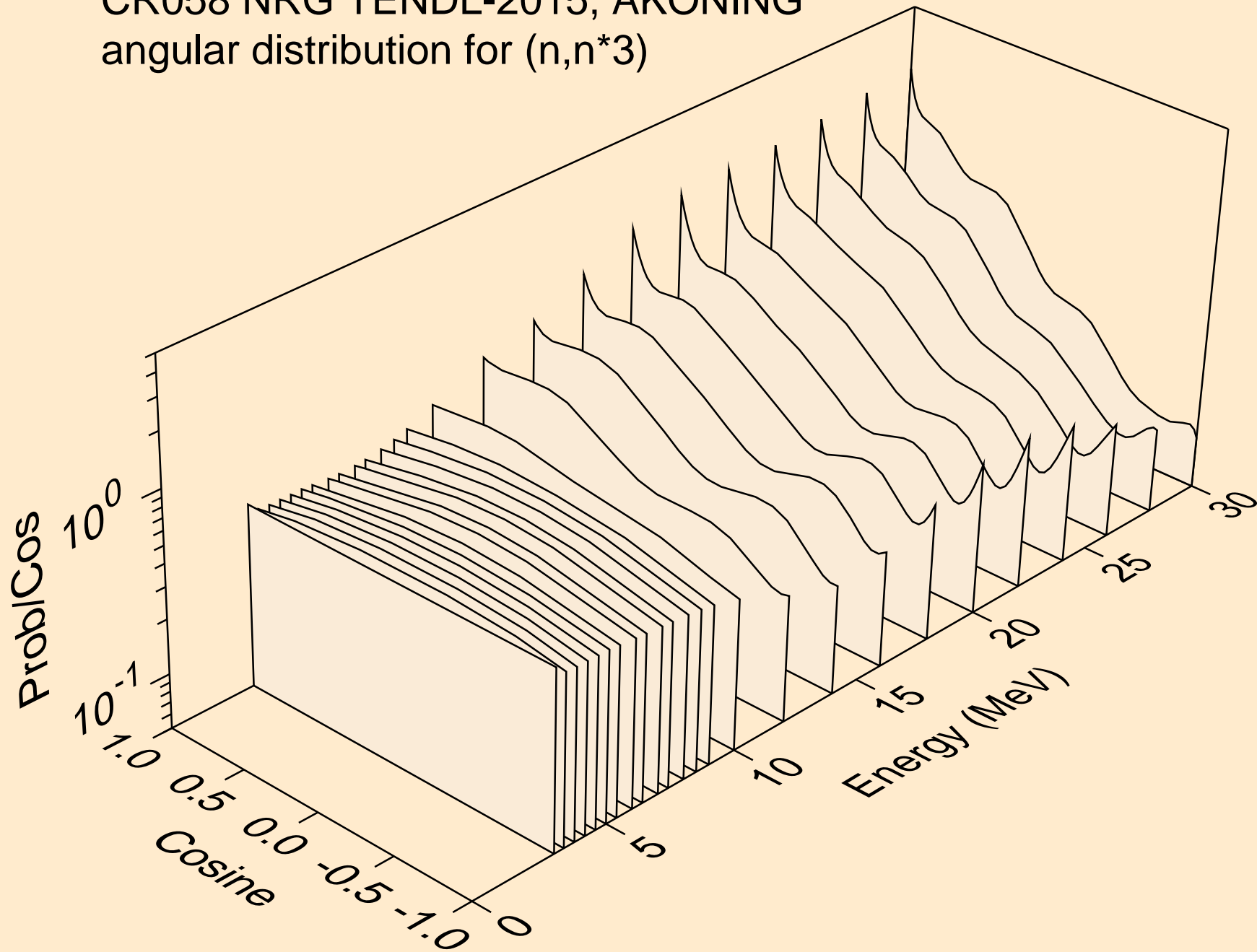
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



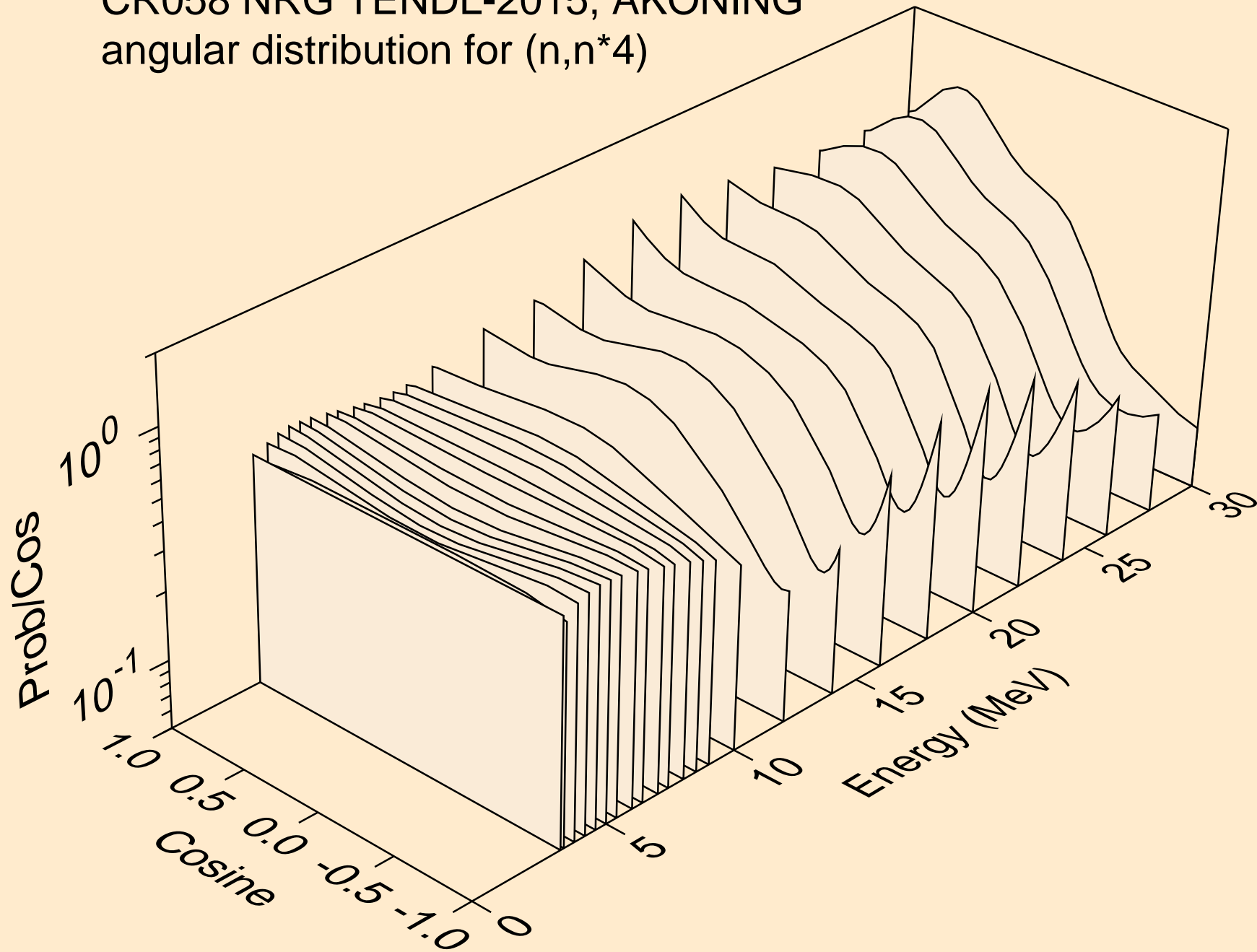
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



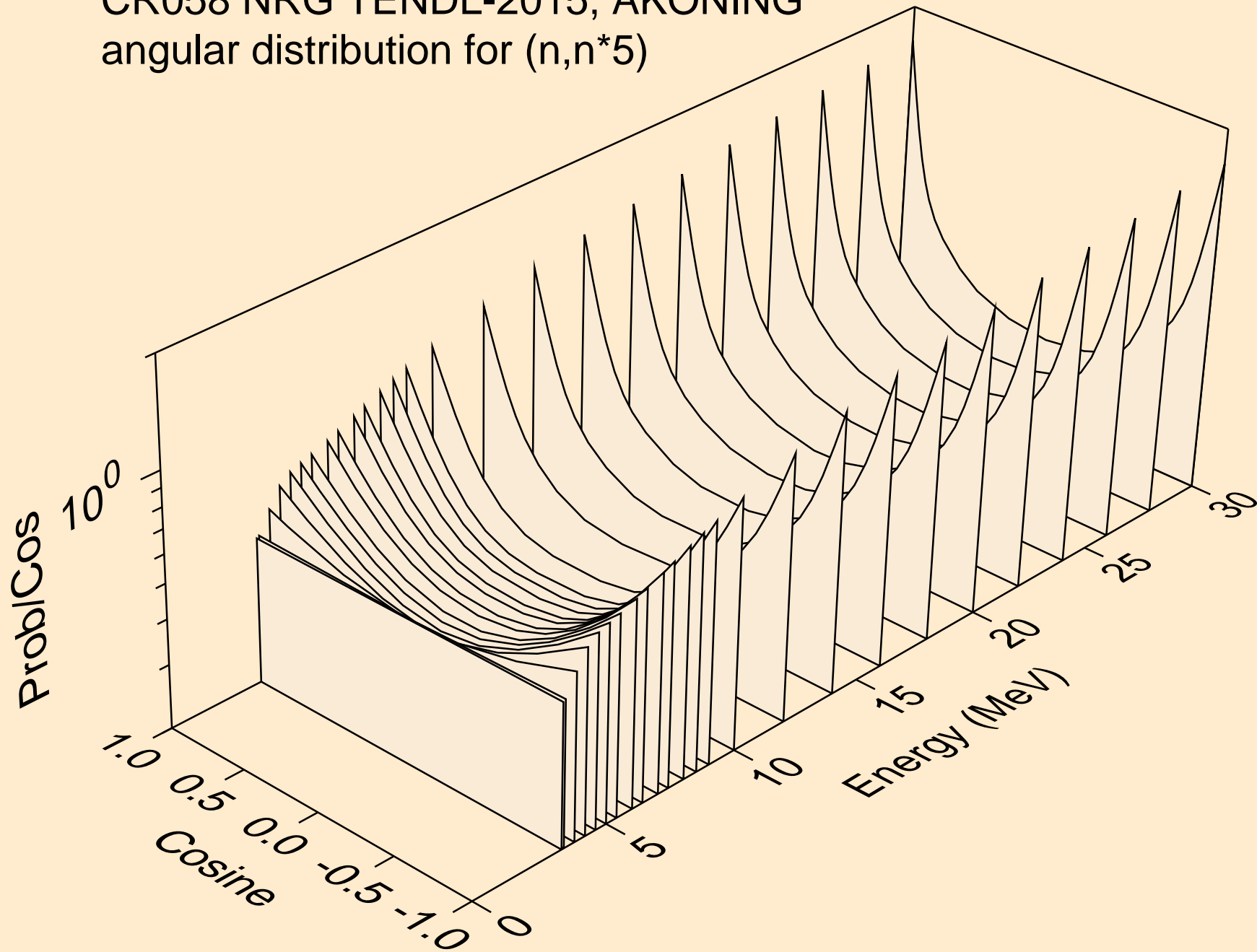
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



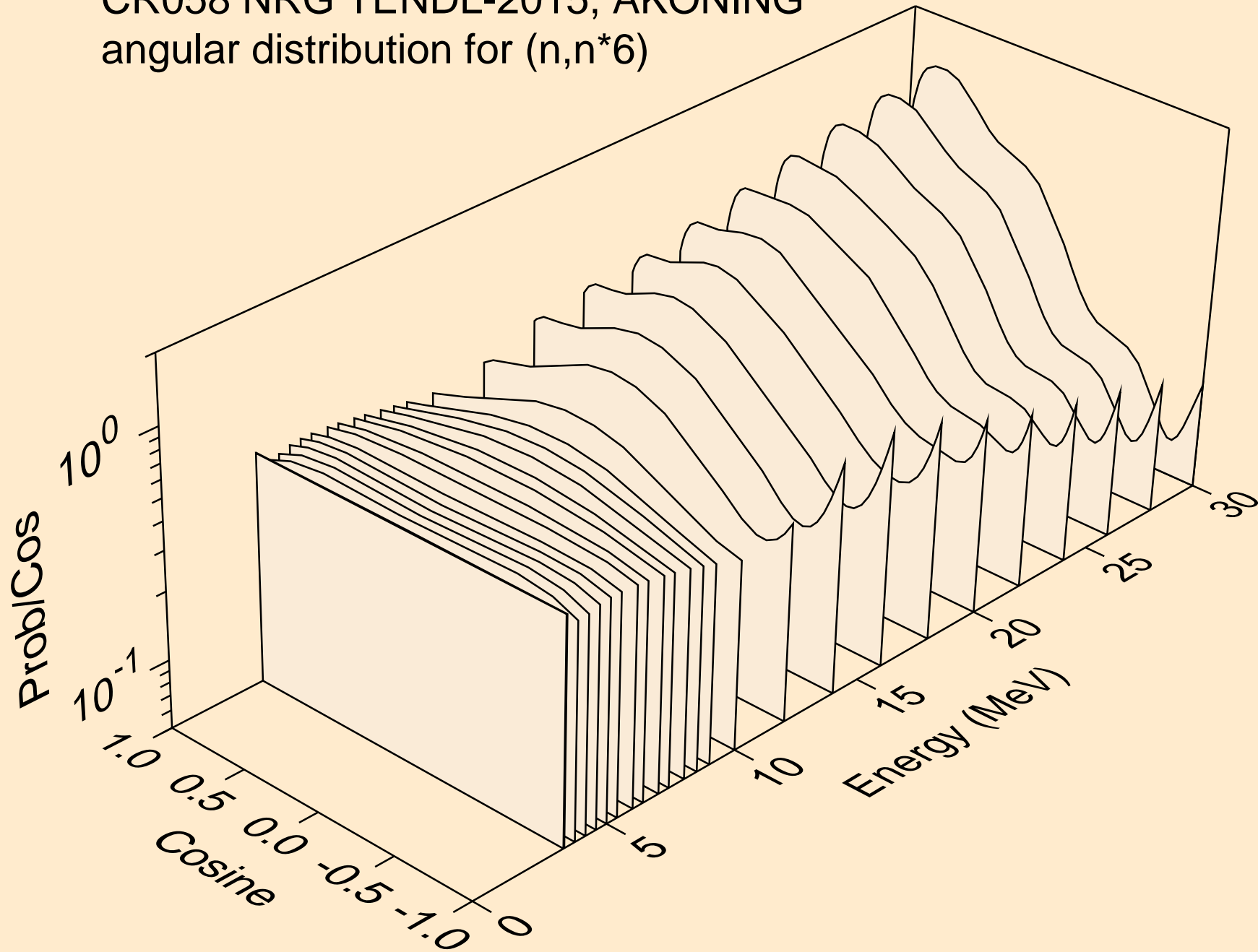
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



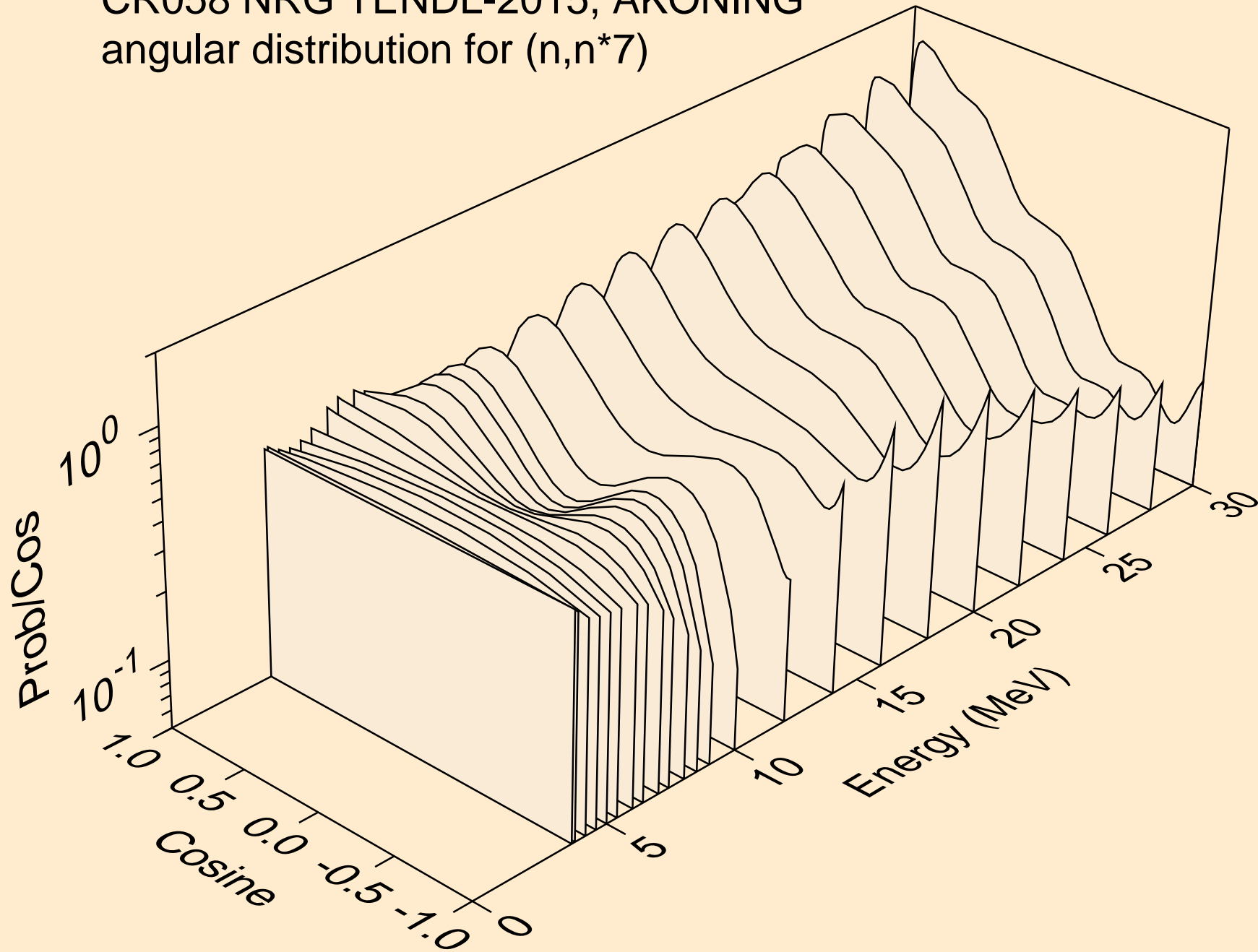
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

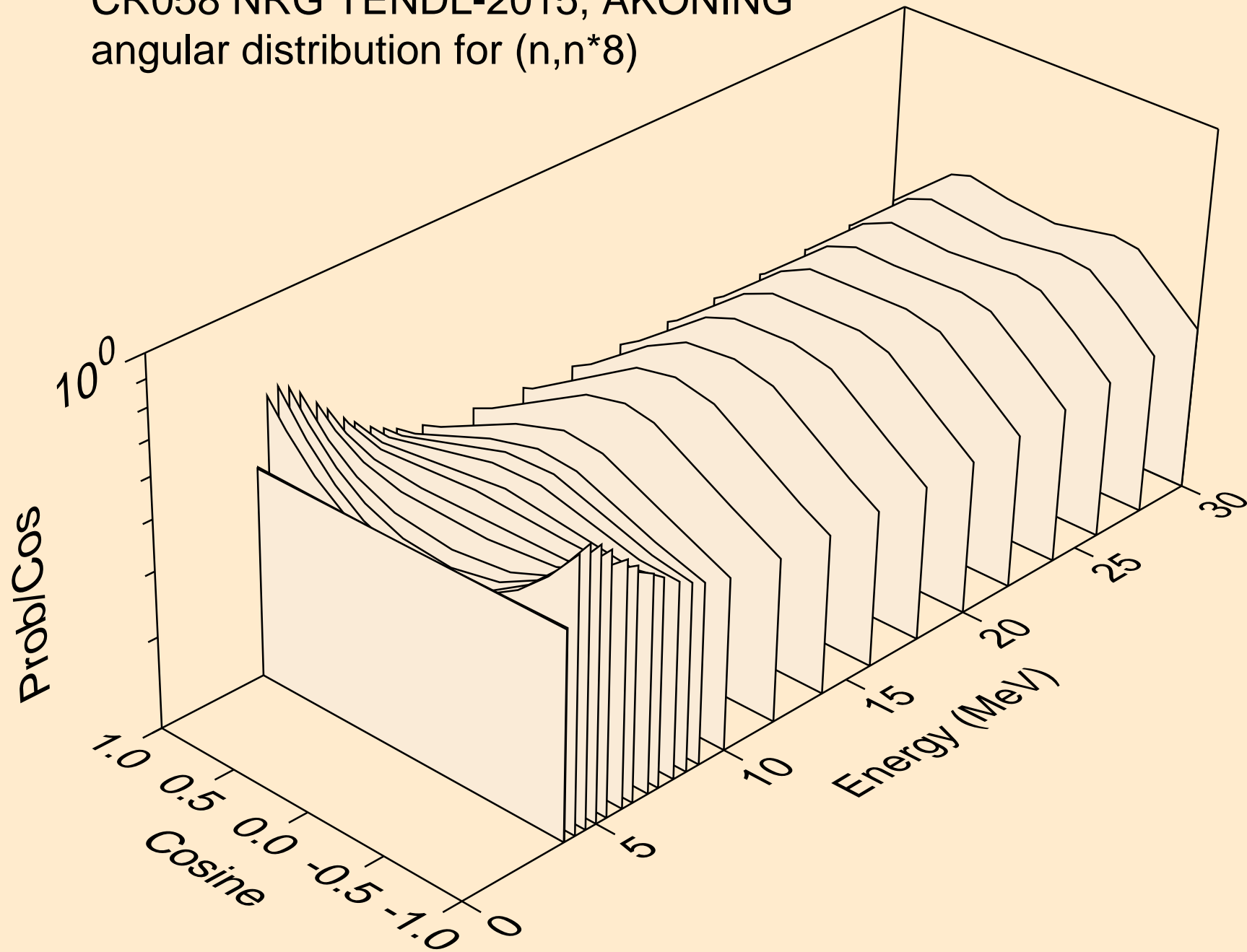


CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

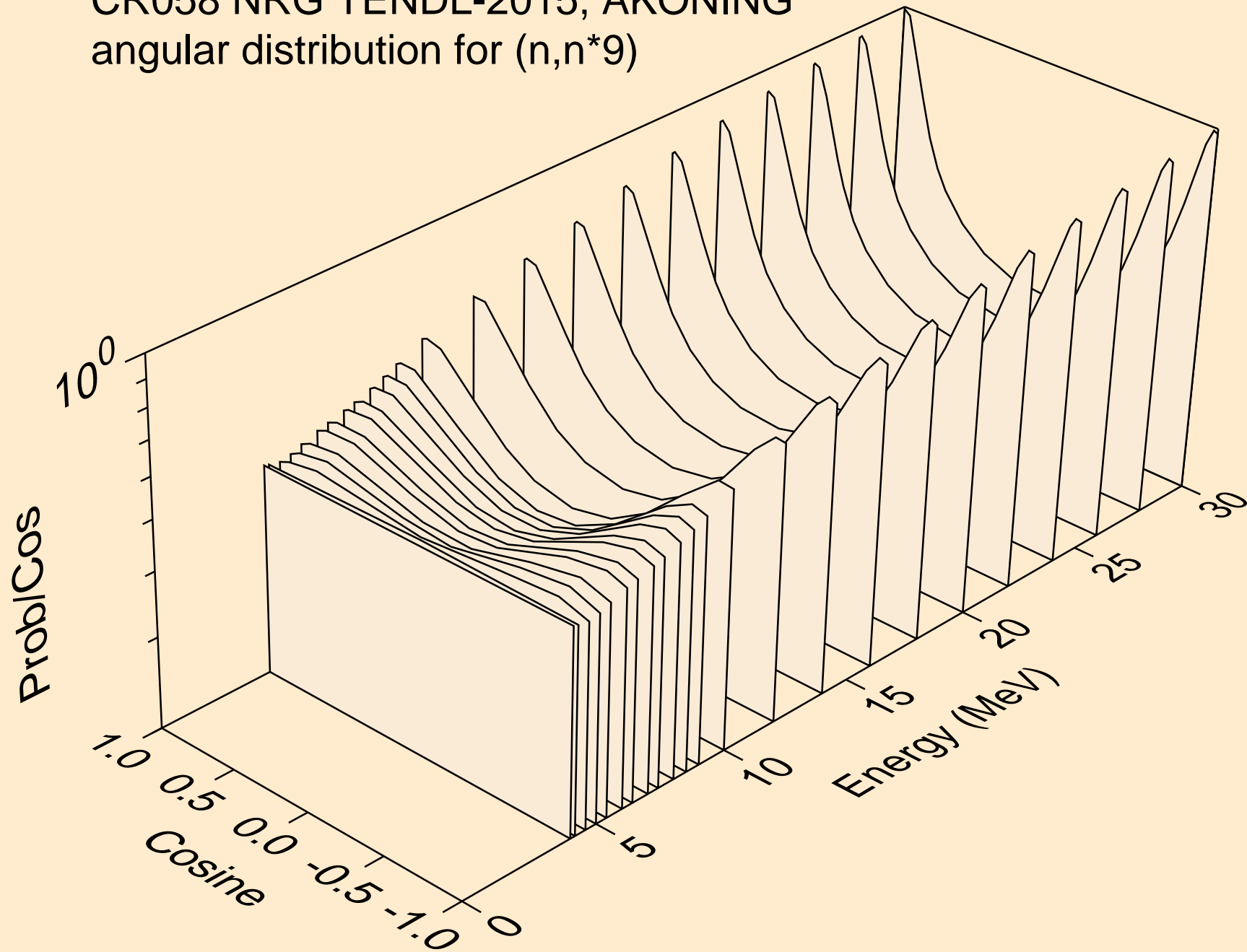




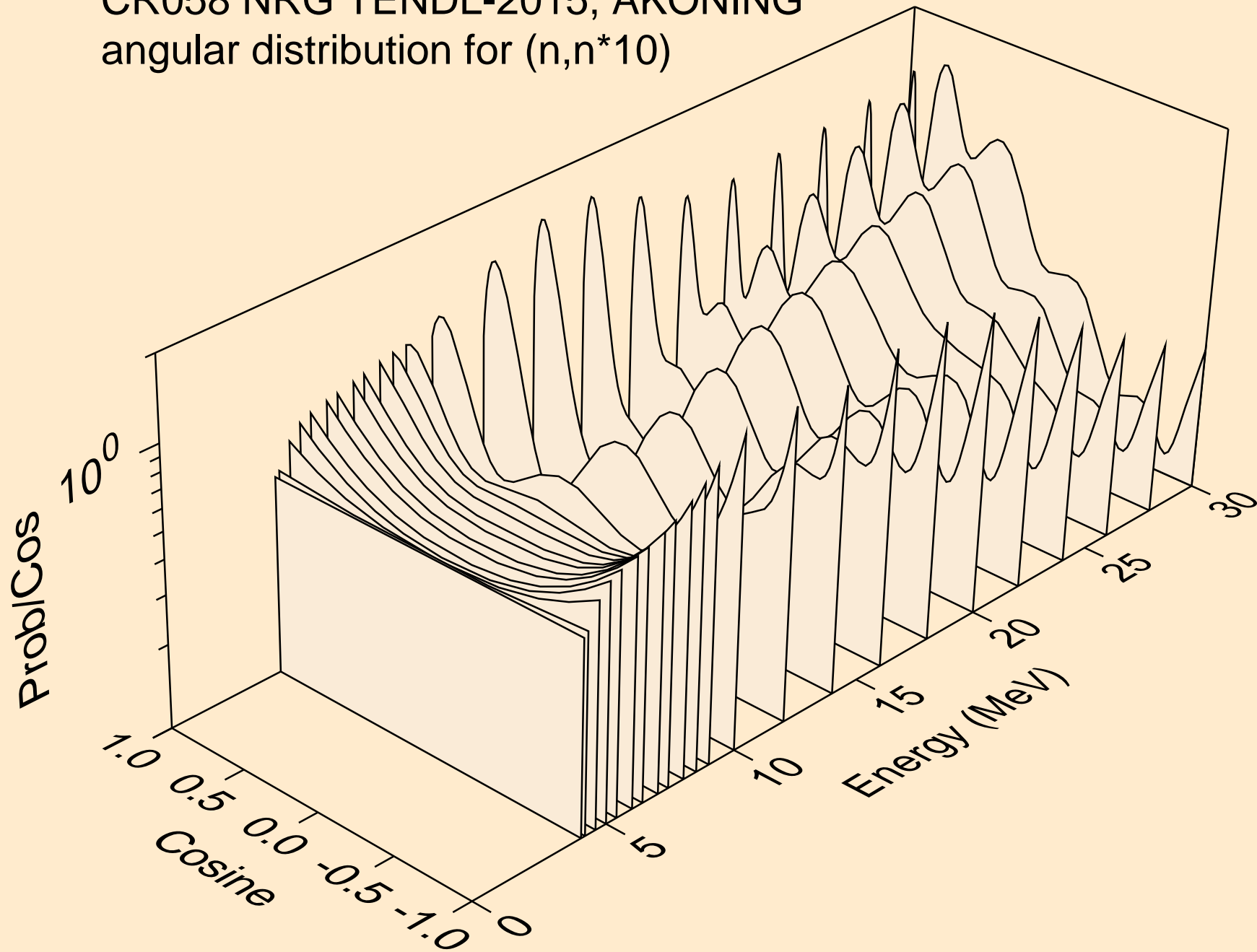
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



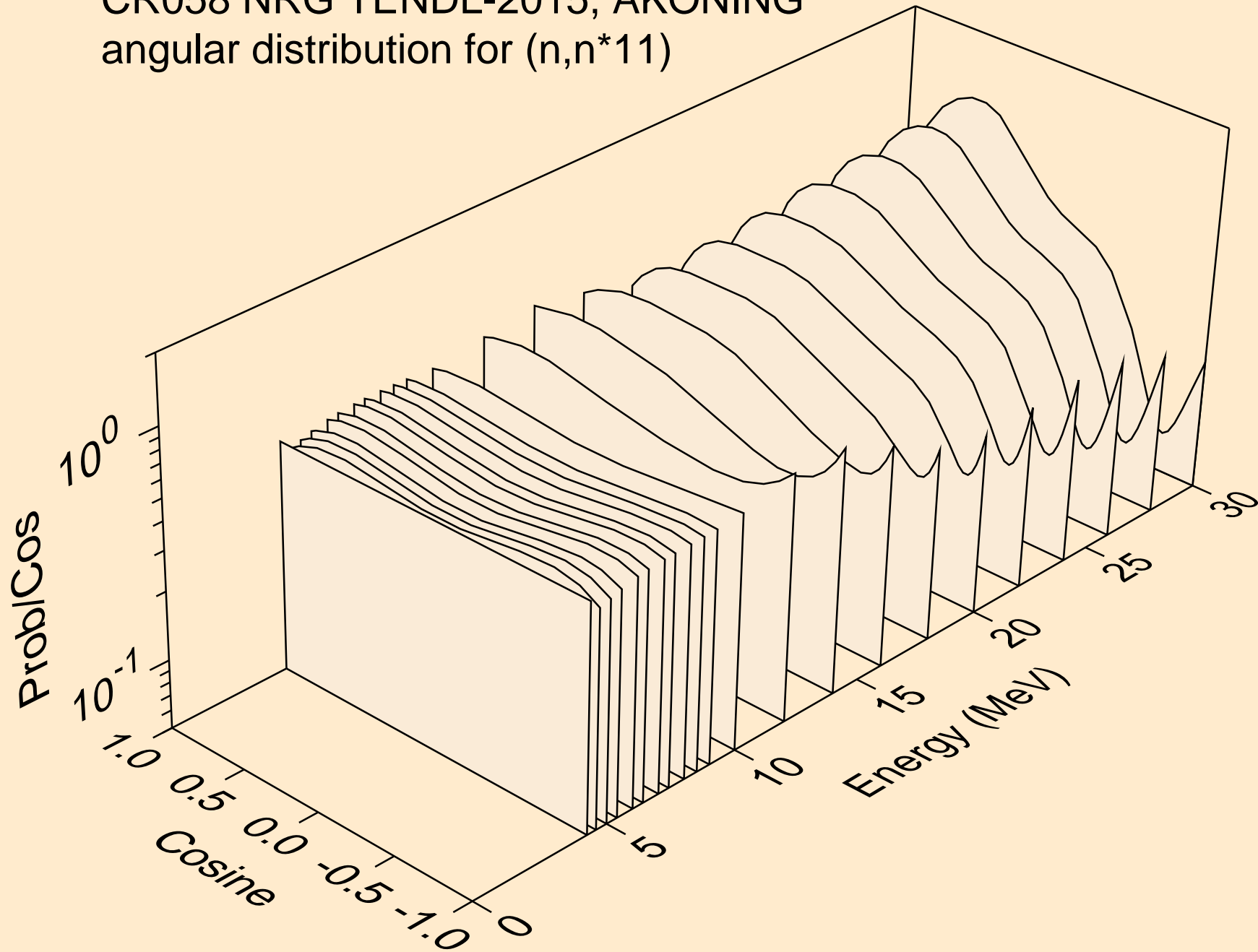
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



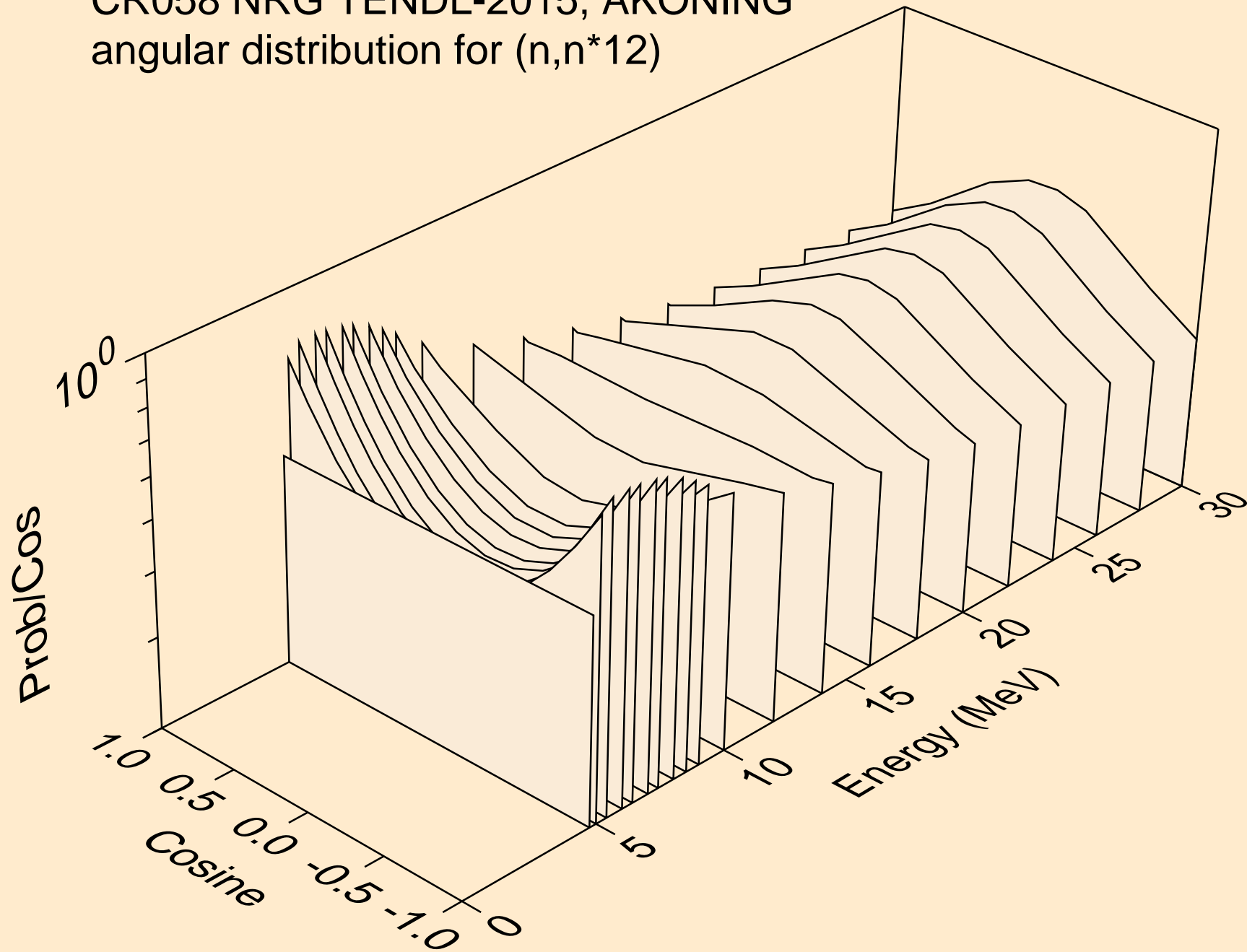
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angular distribution for (n,n\*10)



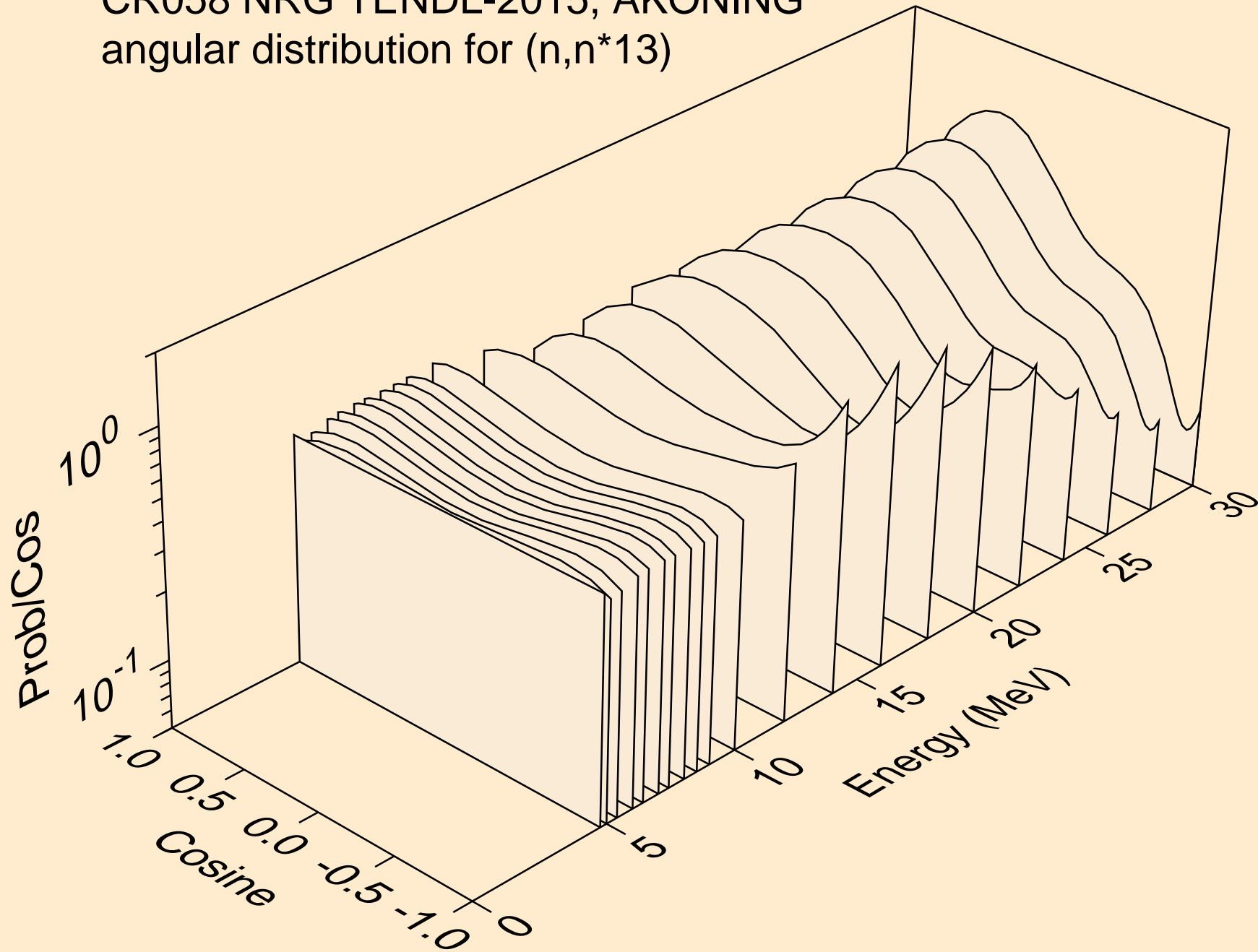
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



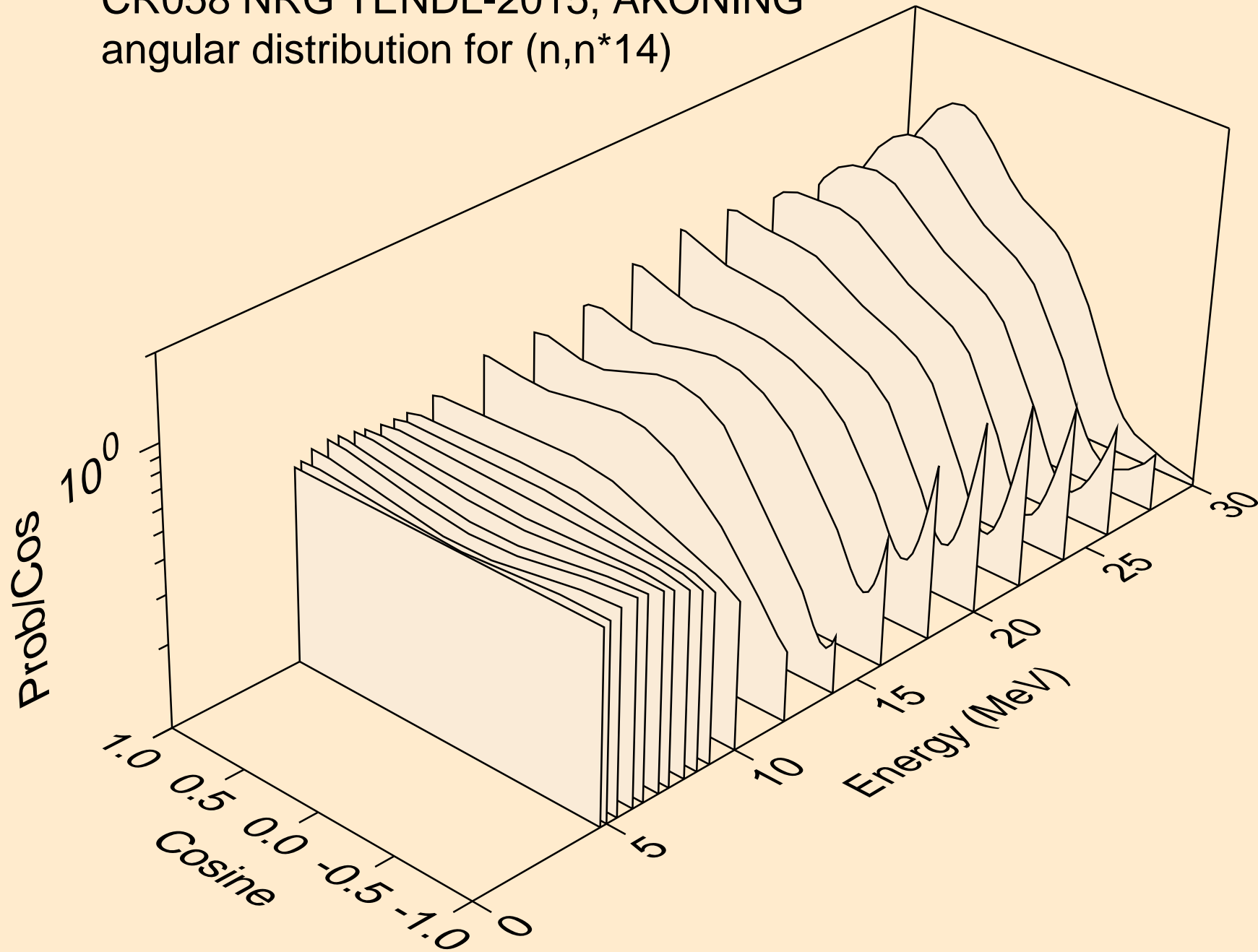
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angular distribution for (n,n\*12)



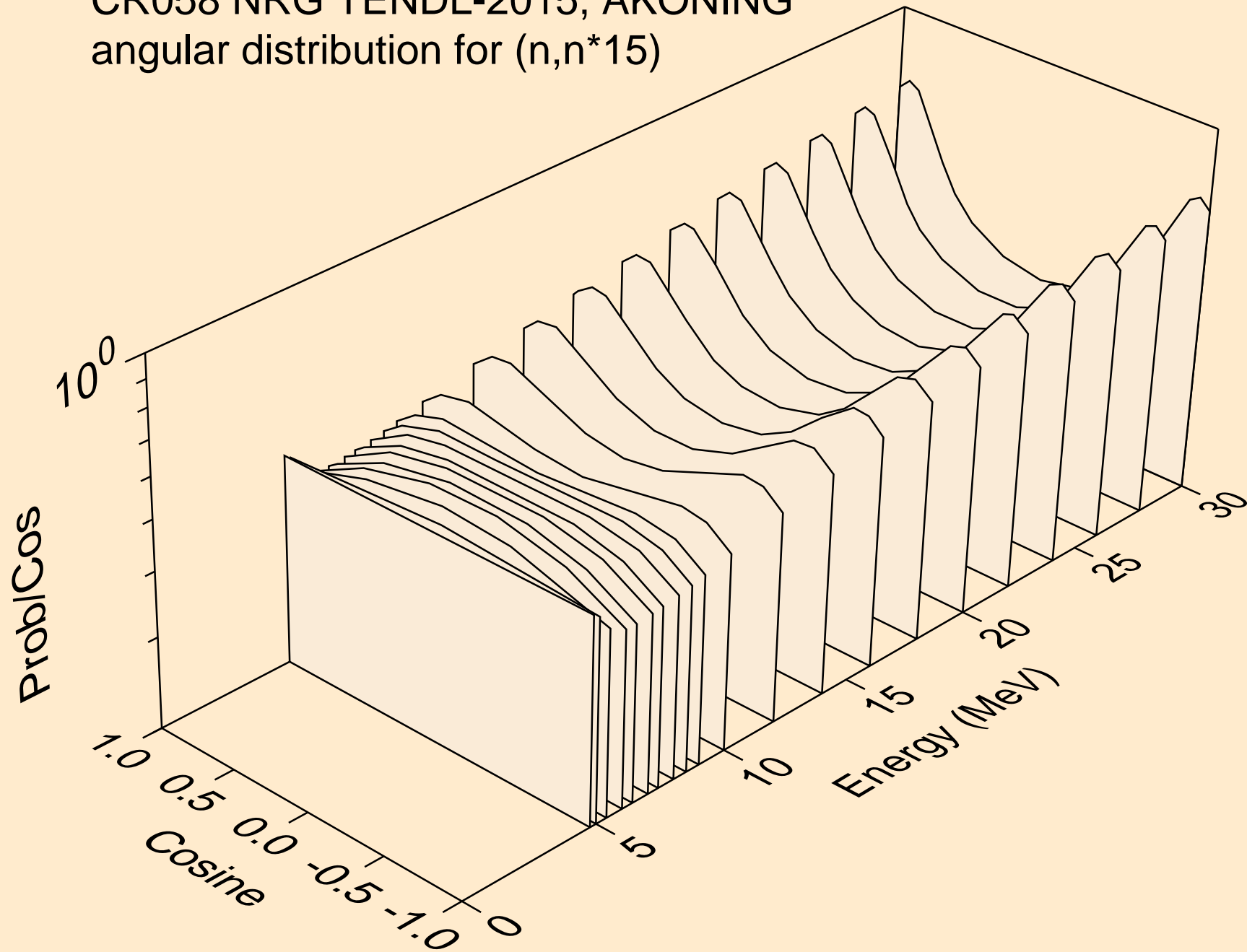
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

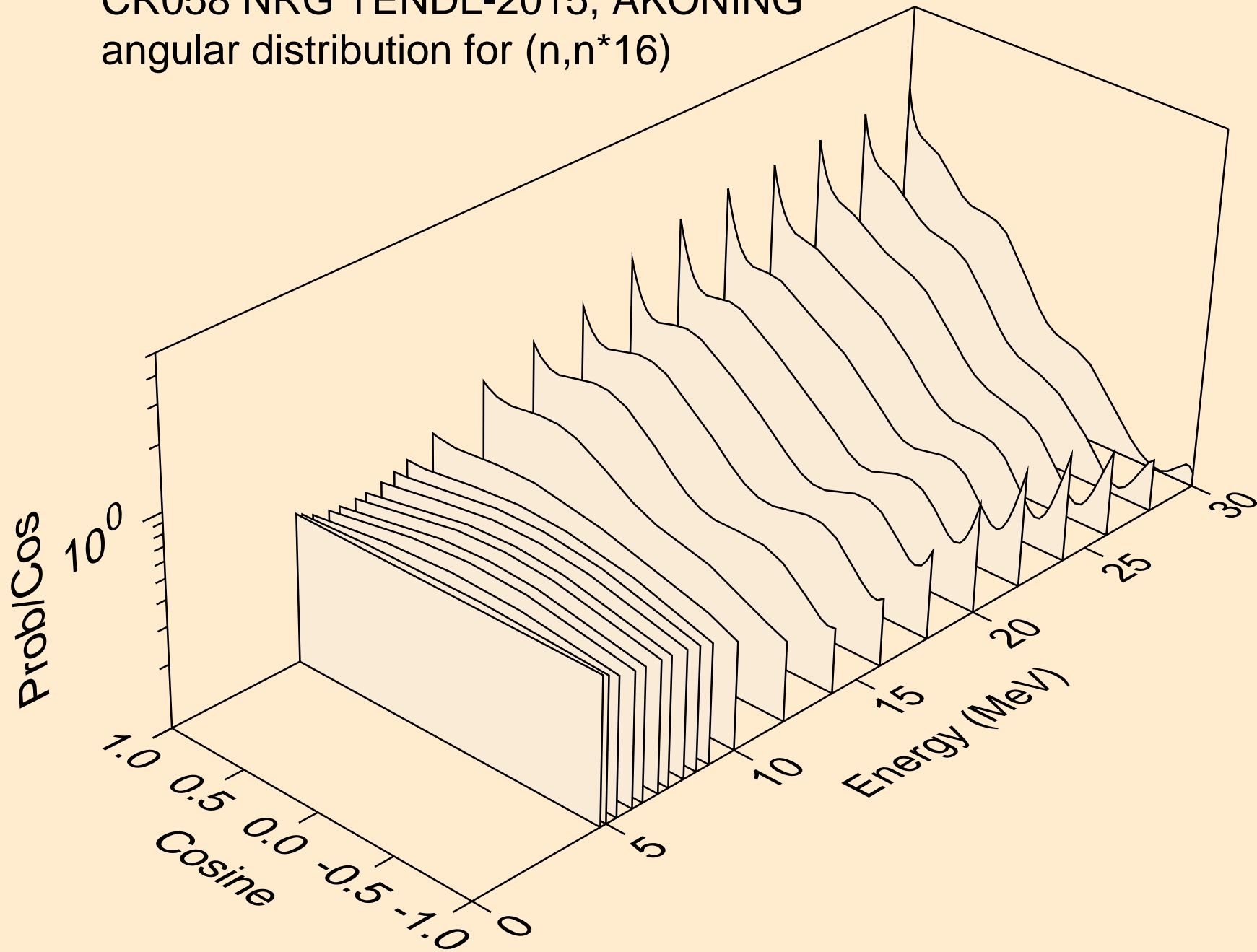


CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

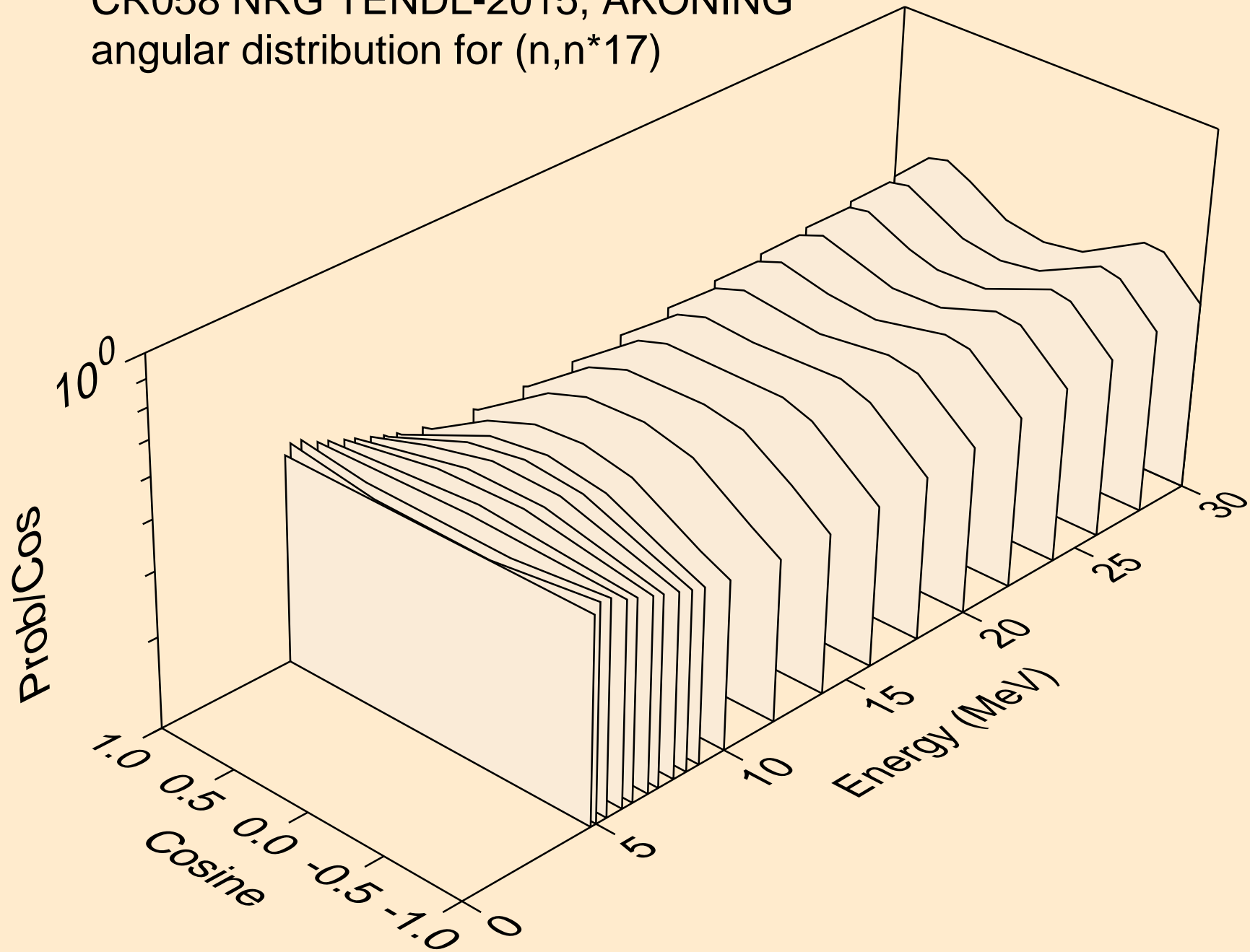




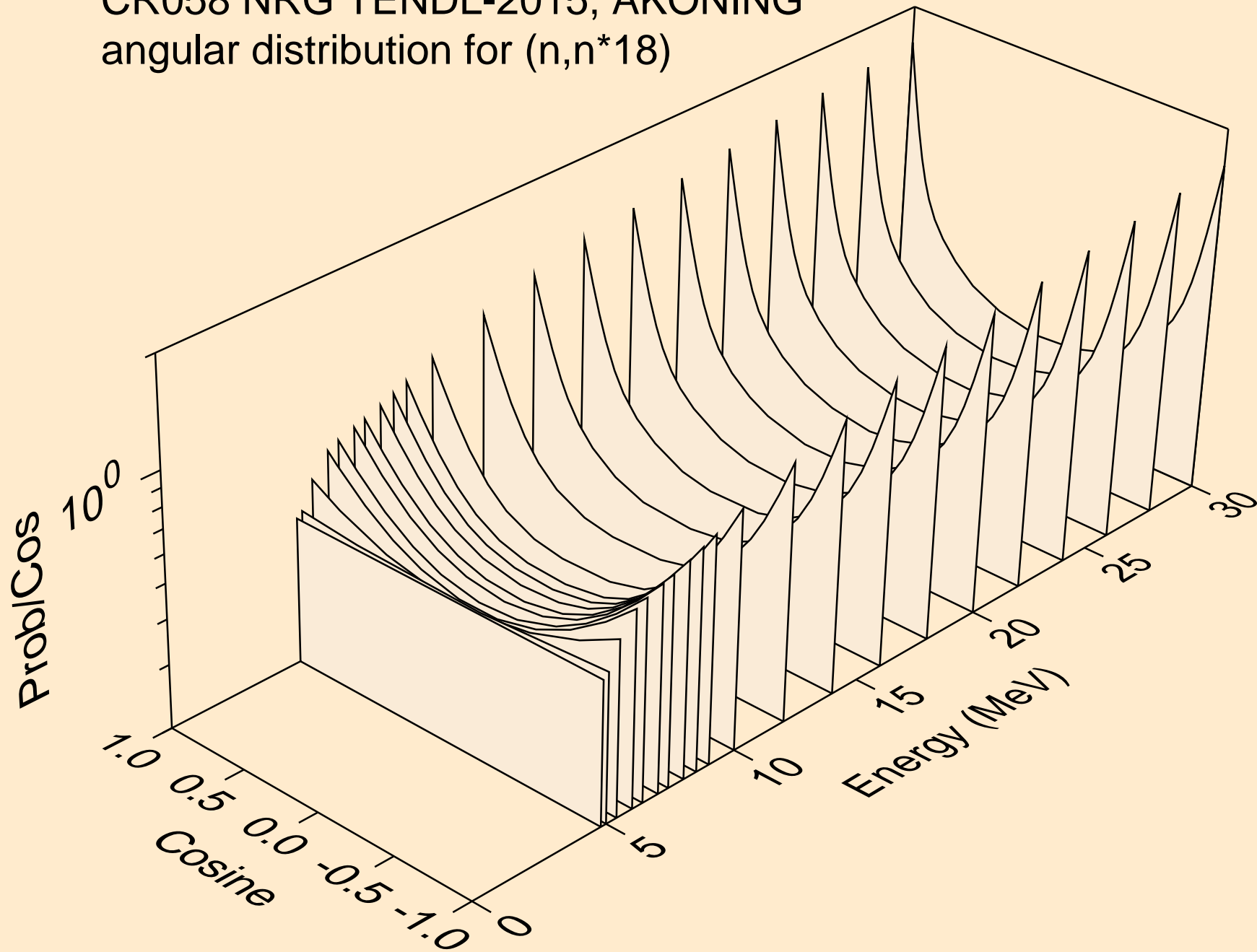
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



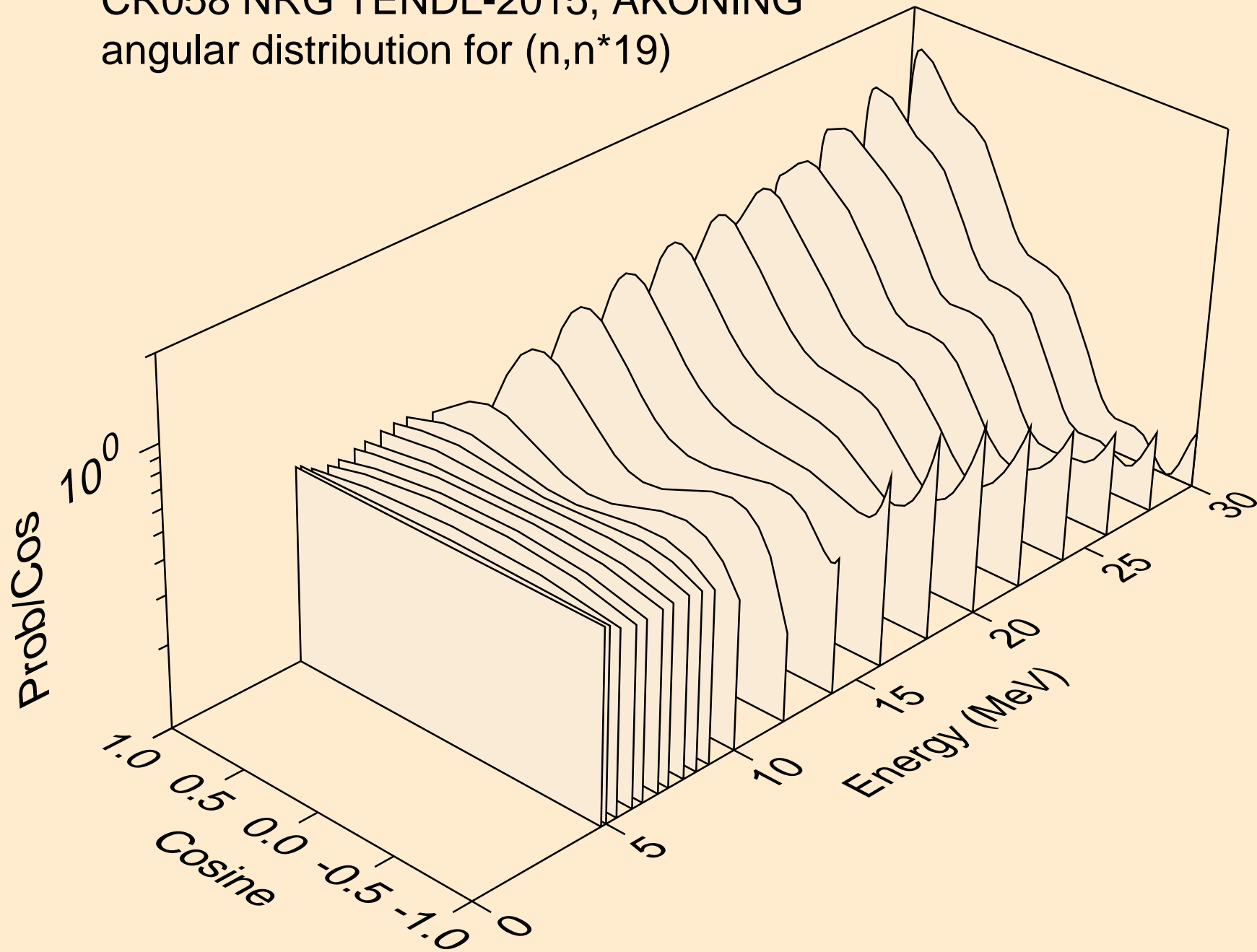
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angular distribution for (n,n\*17)



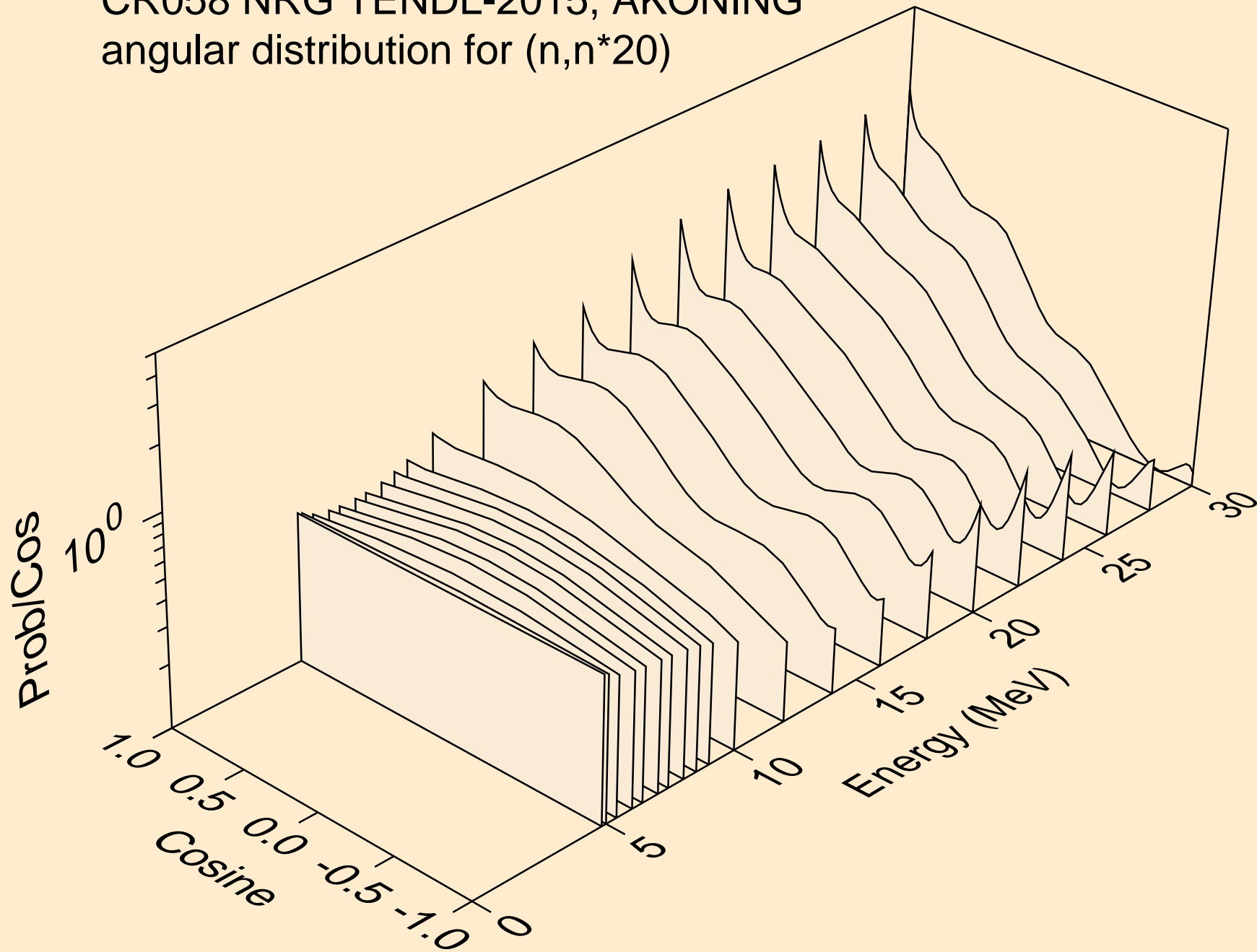
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angular distribution for (n,n\*18)



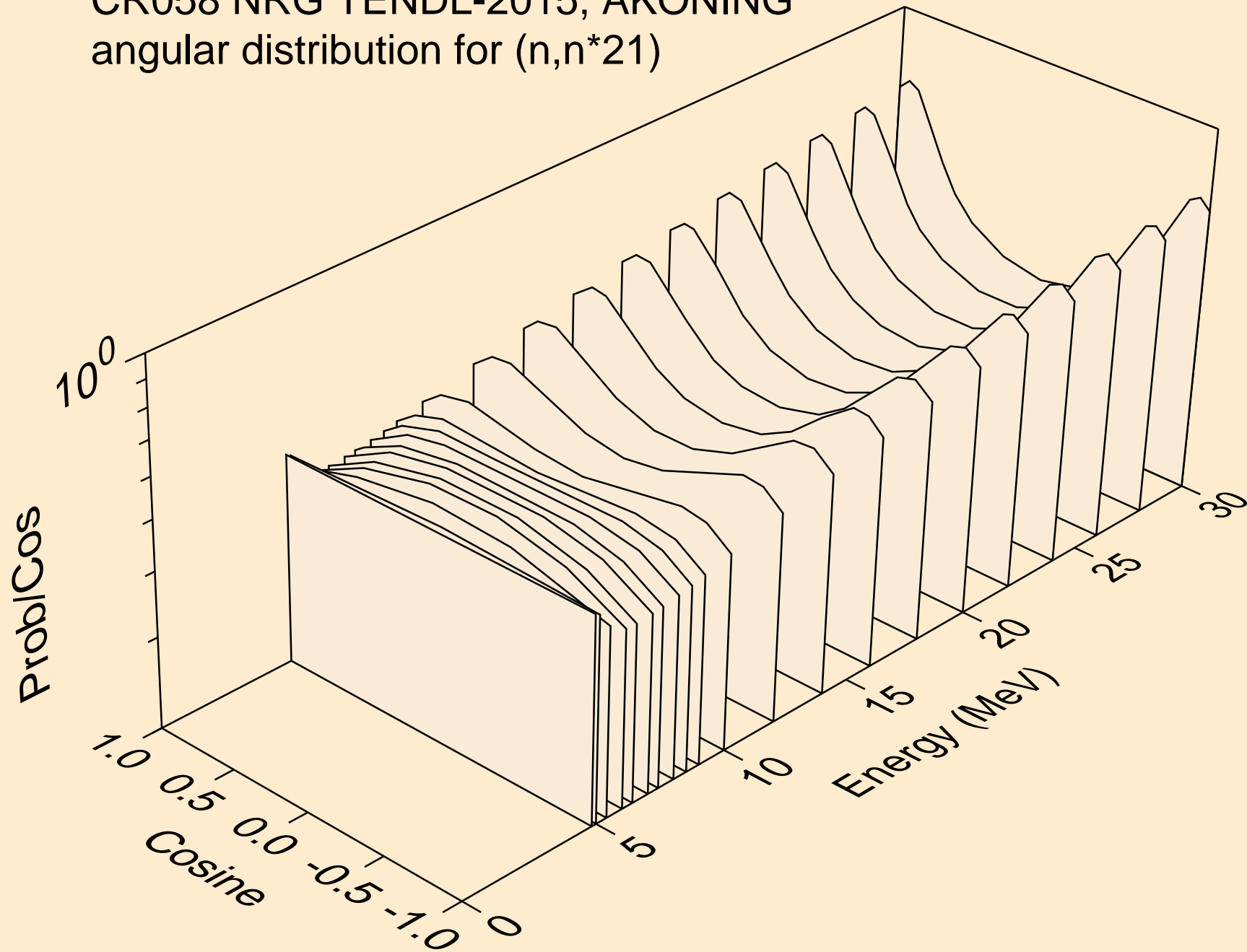
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



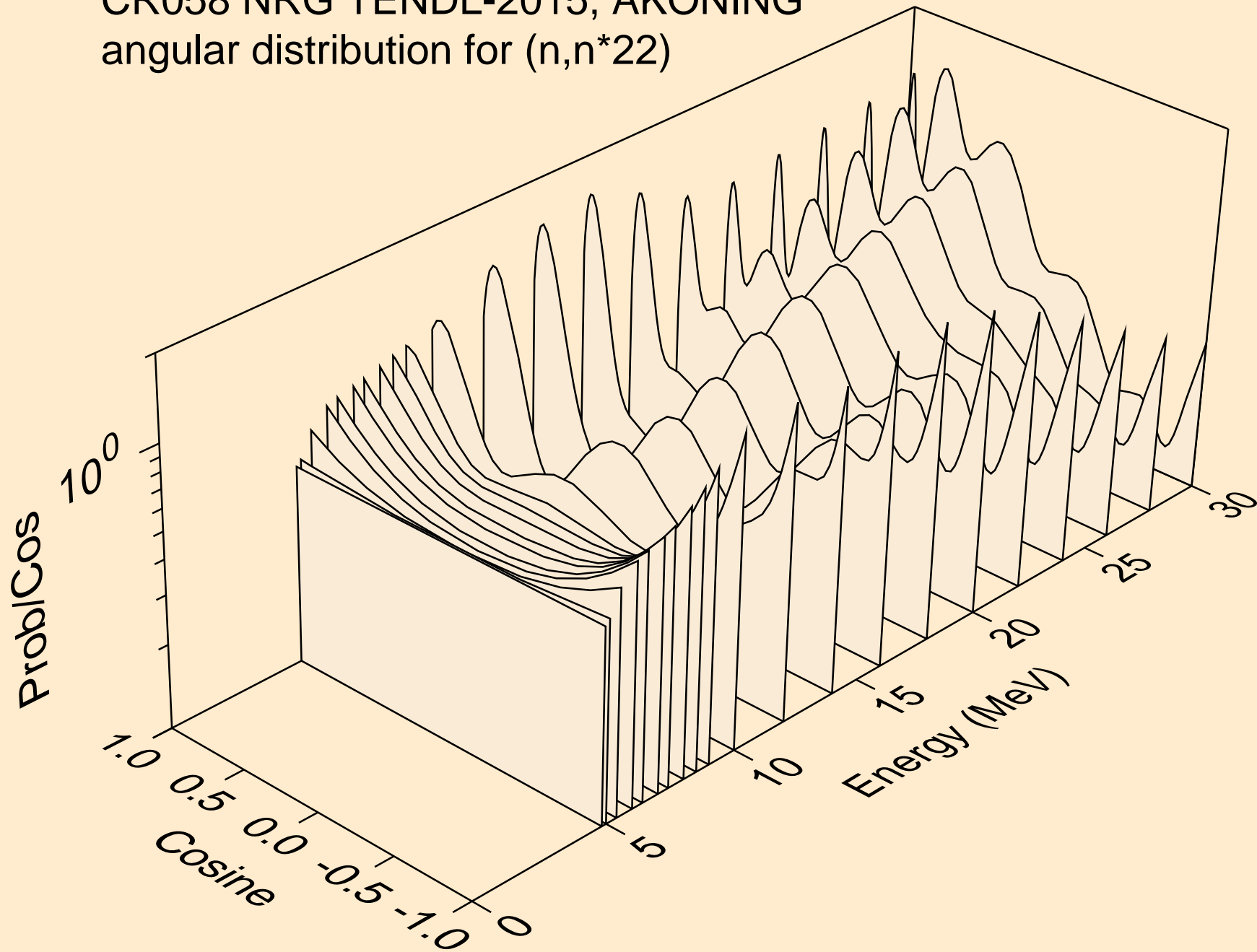
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



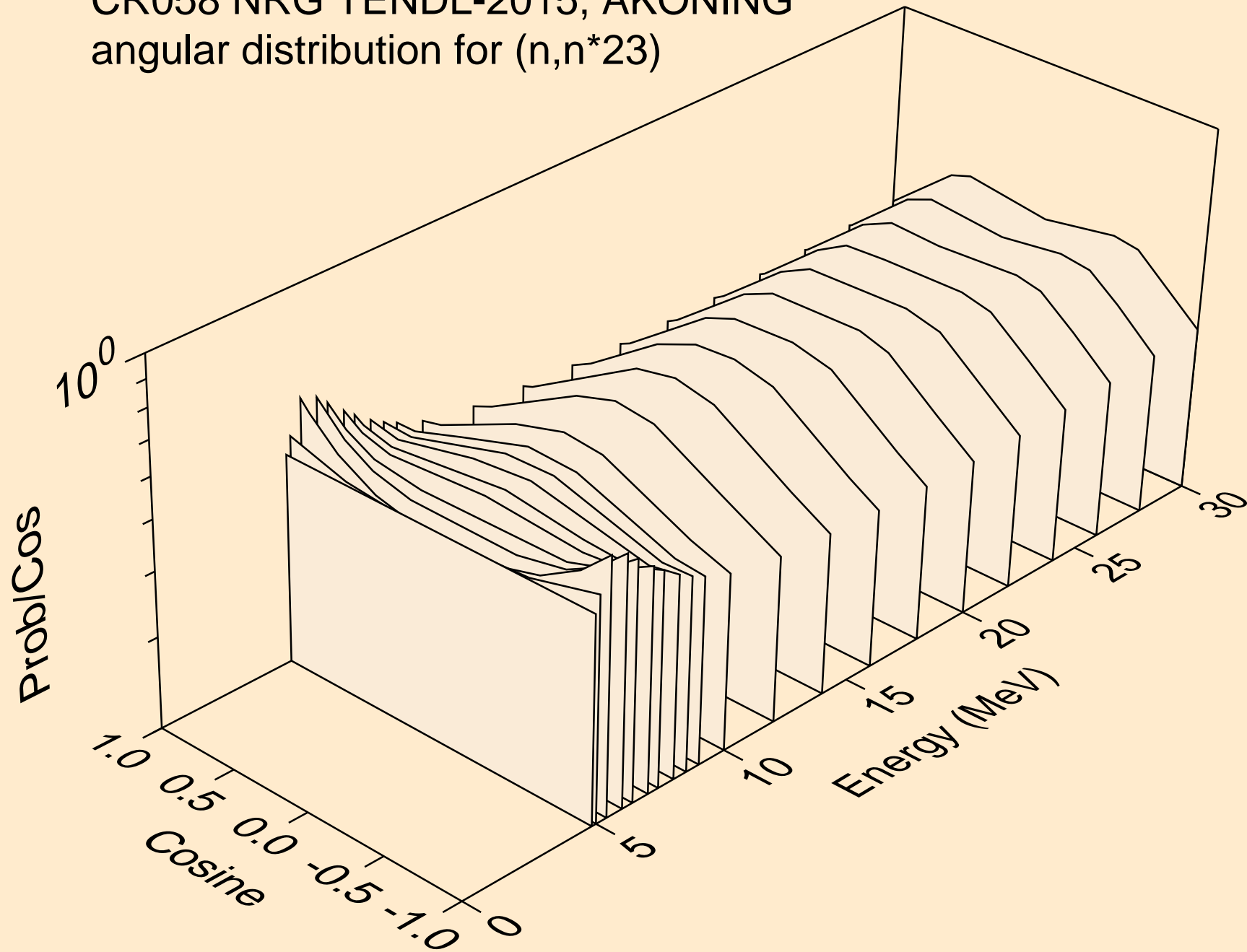
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

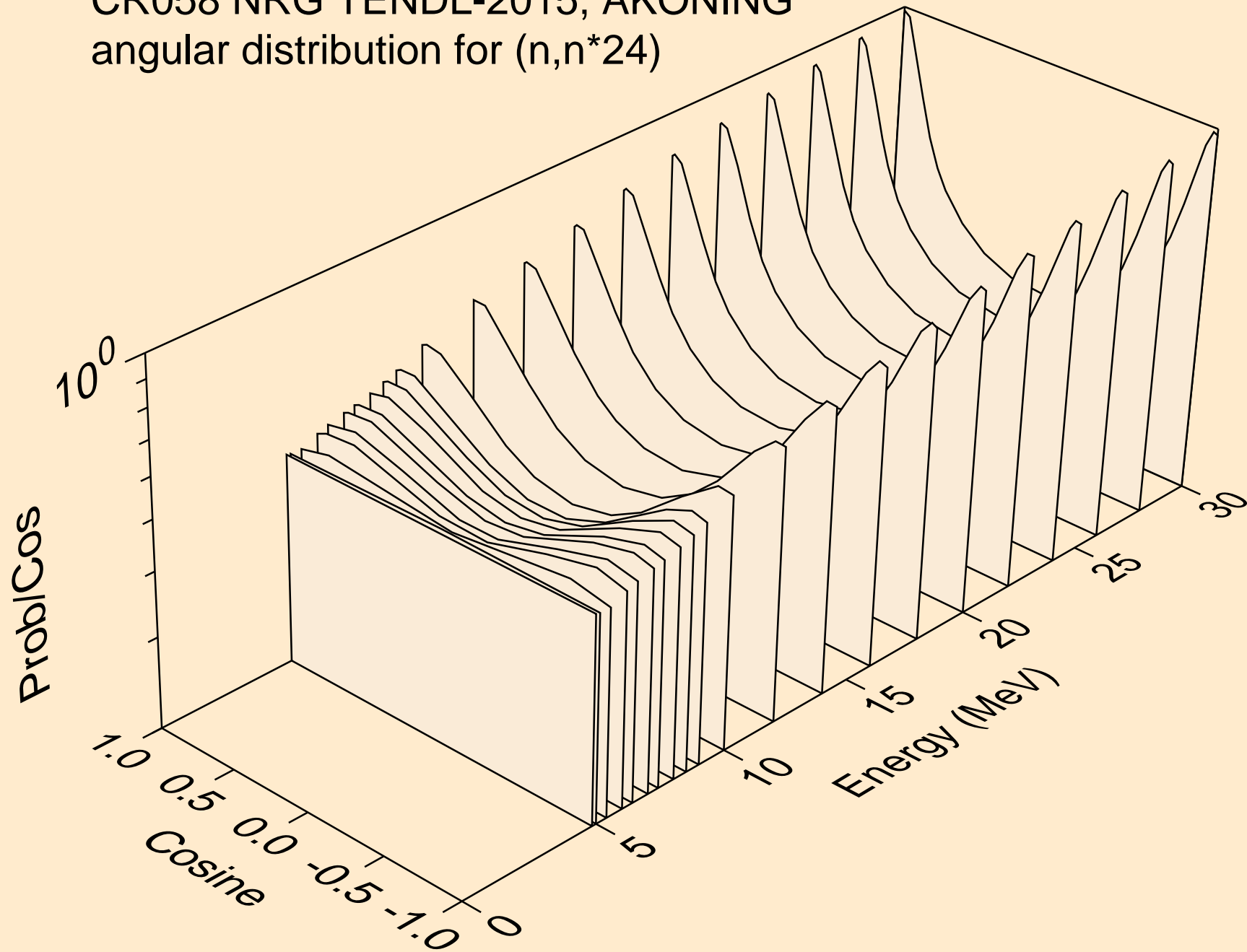


CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

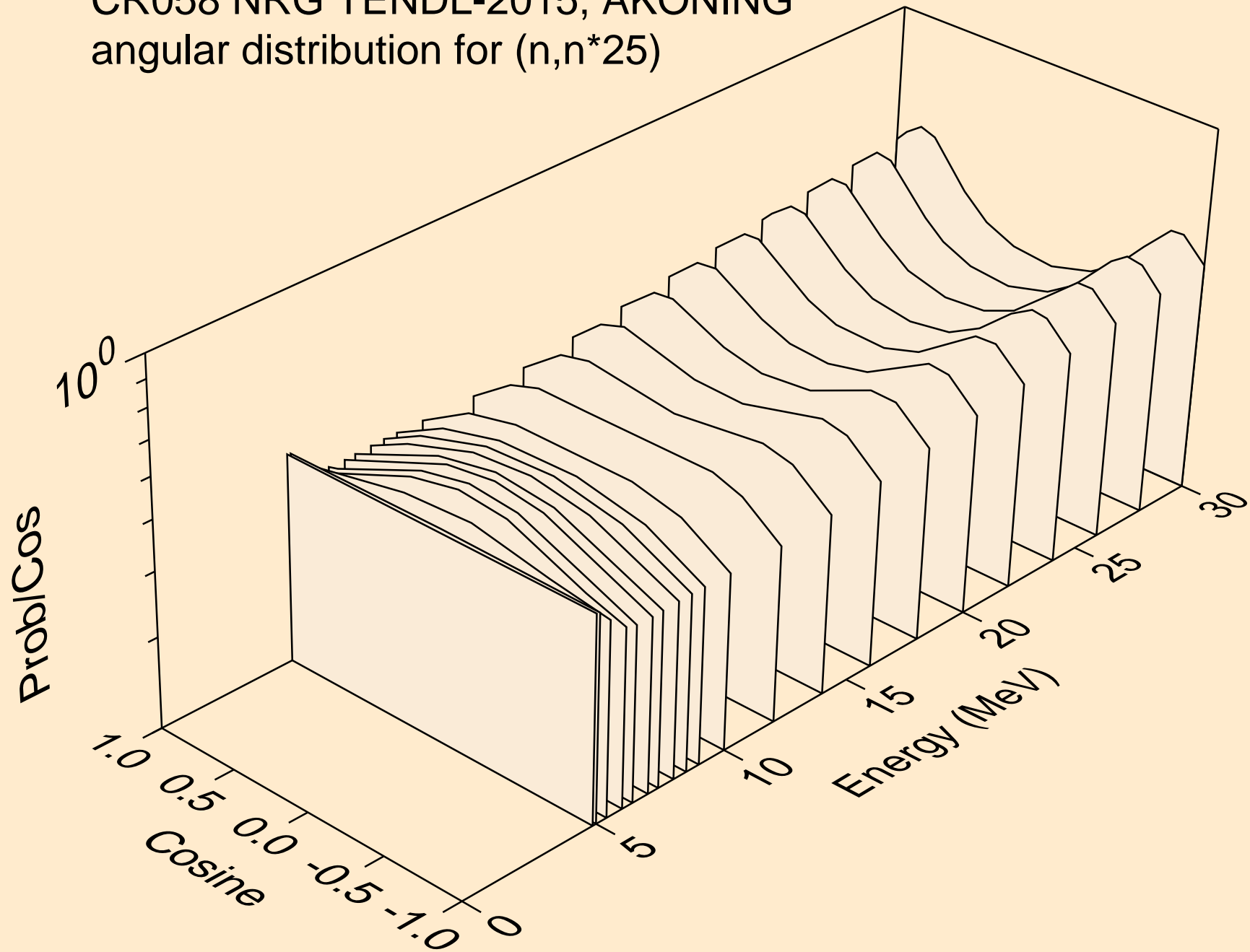




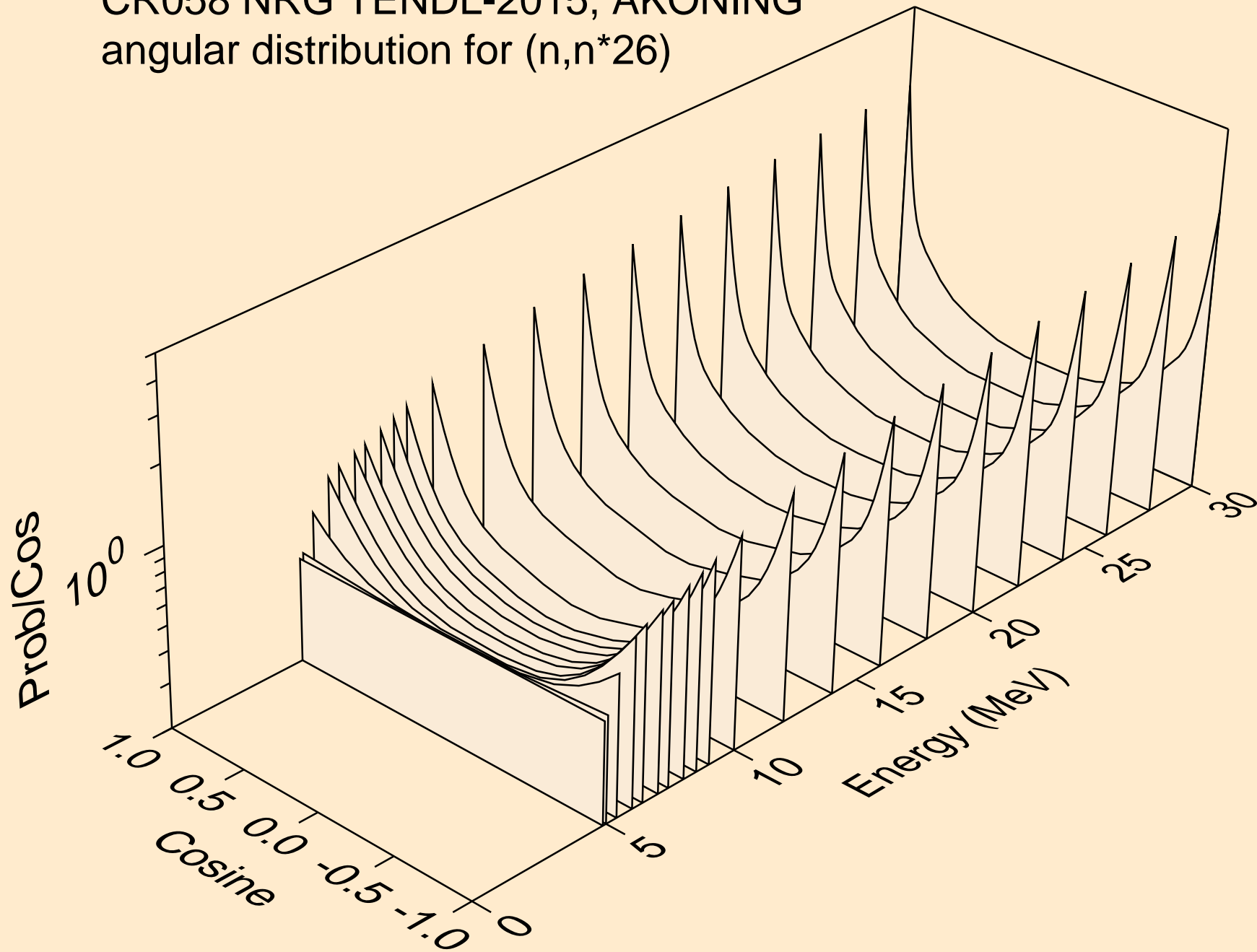
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



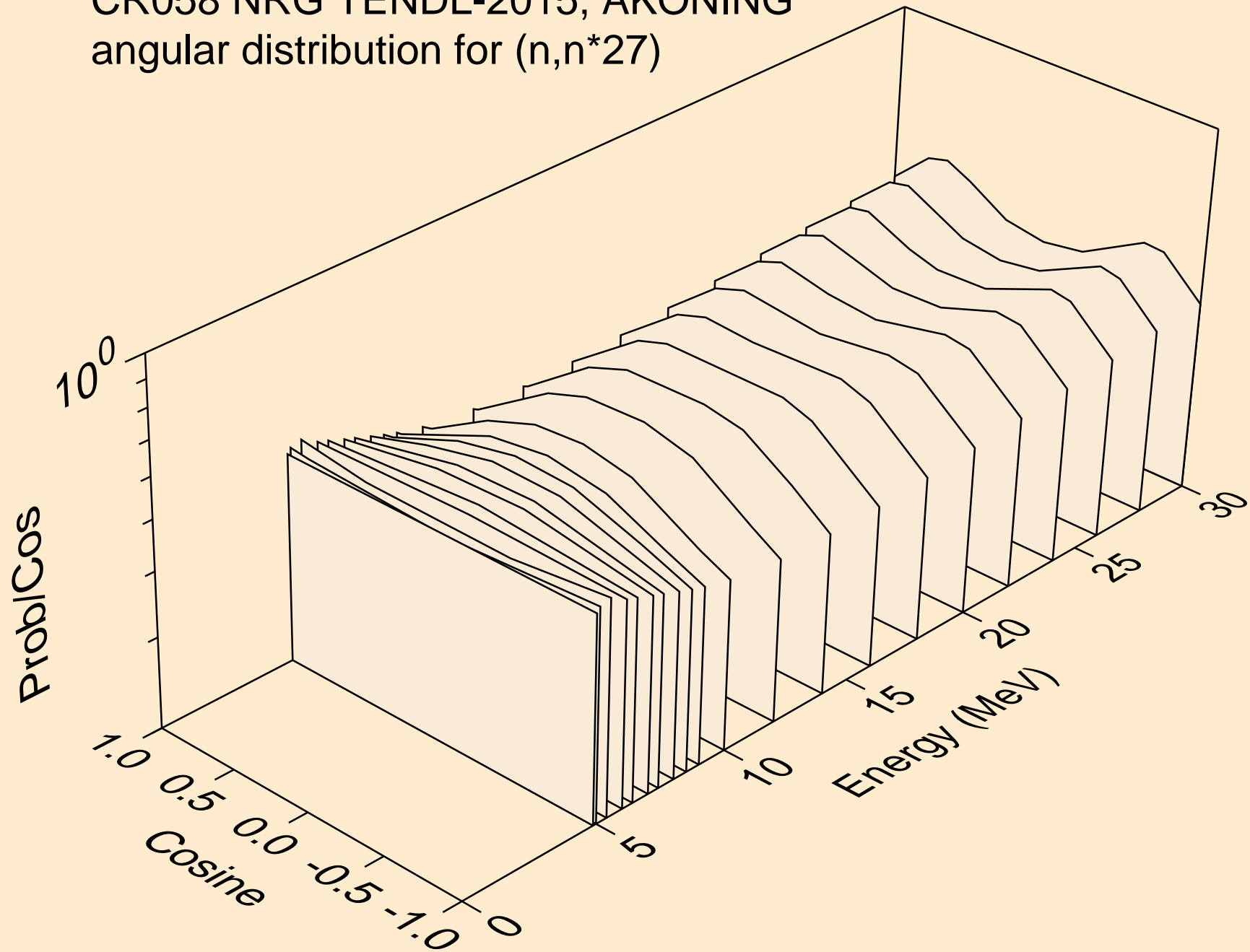
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angular distribution for (n,n\*25)



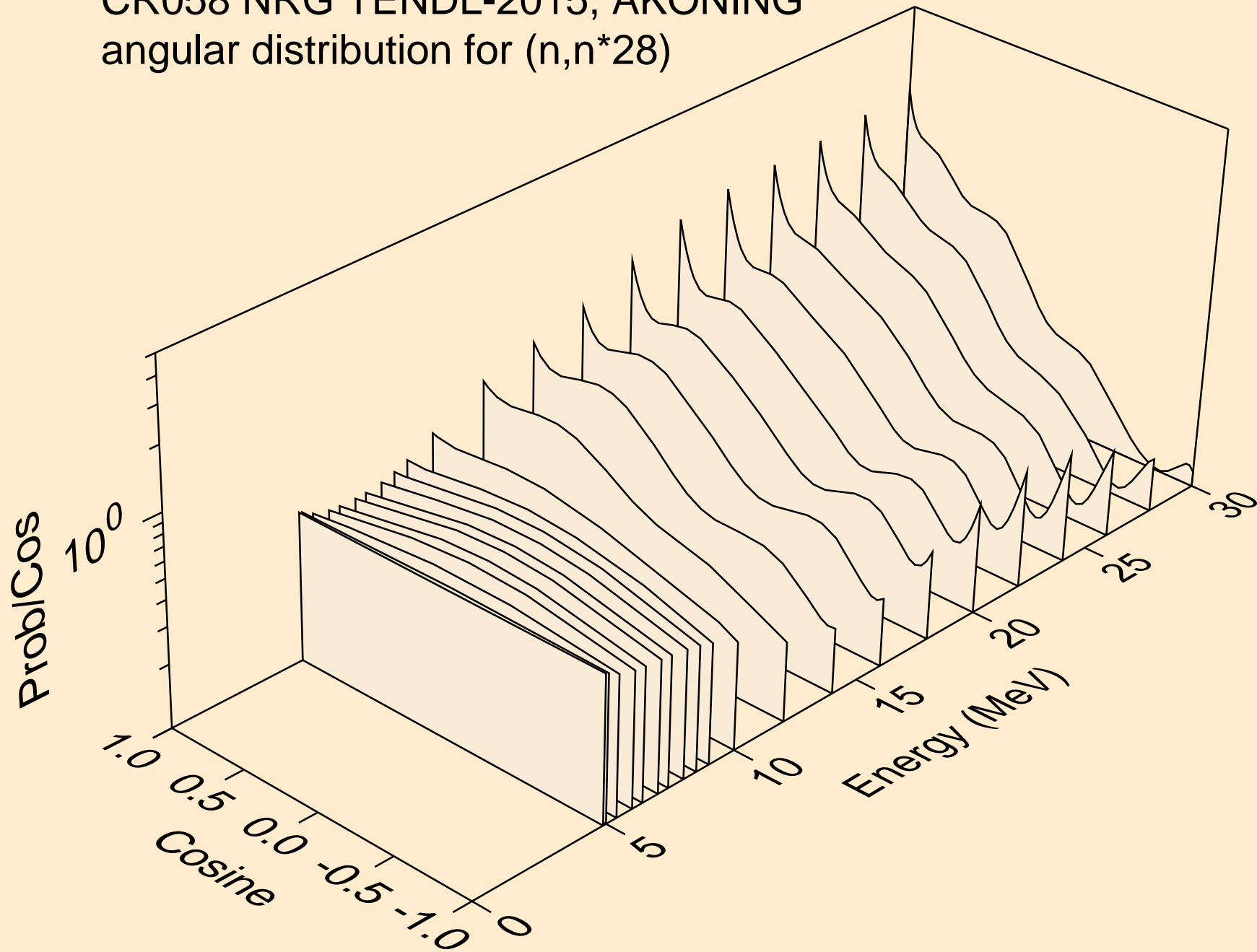
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



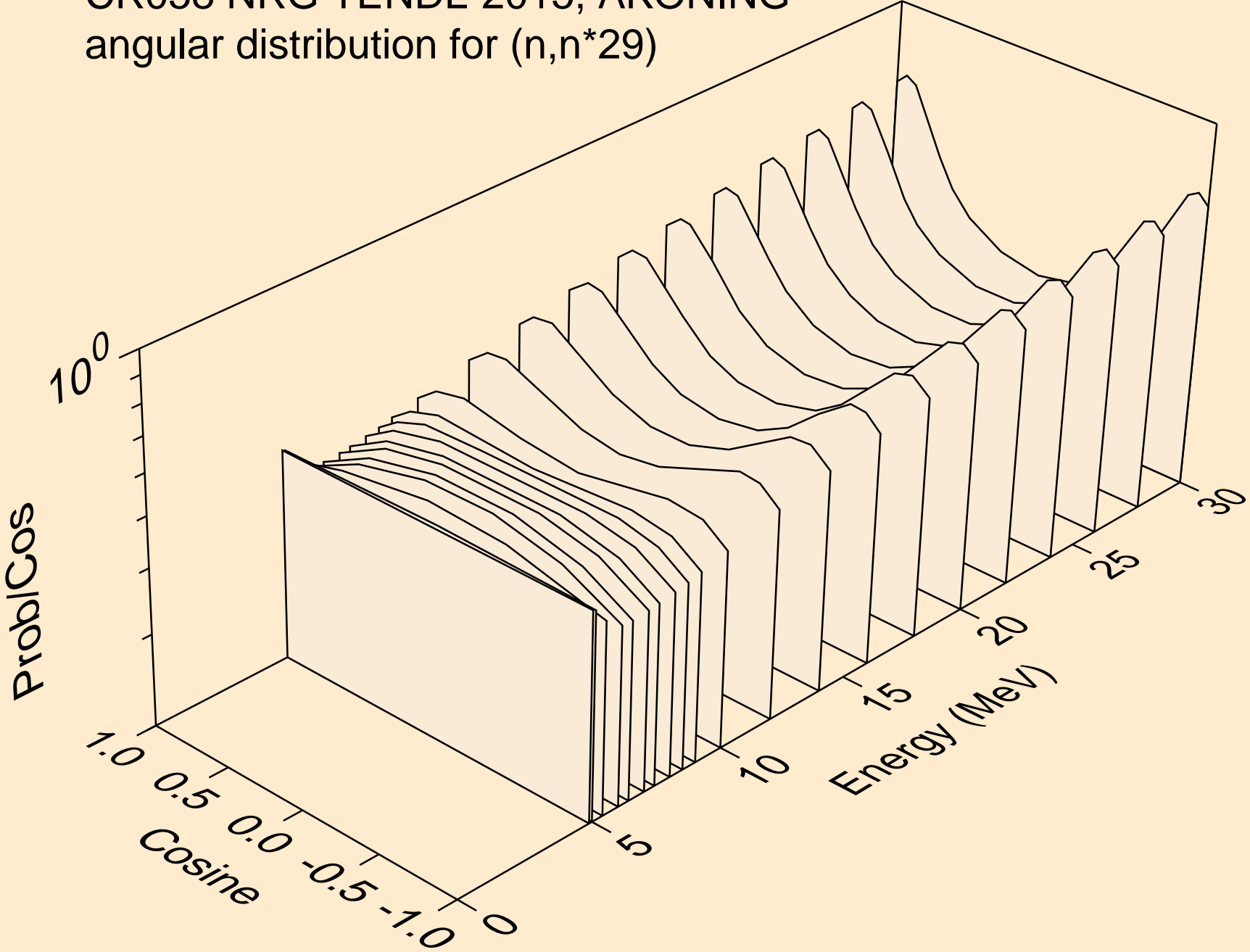
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



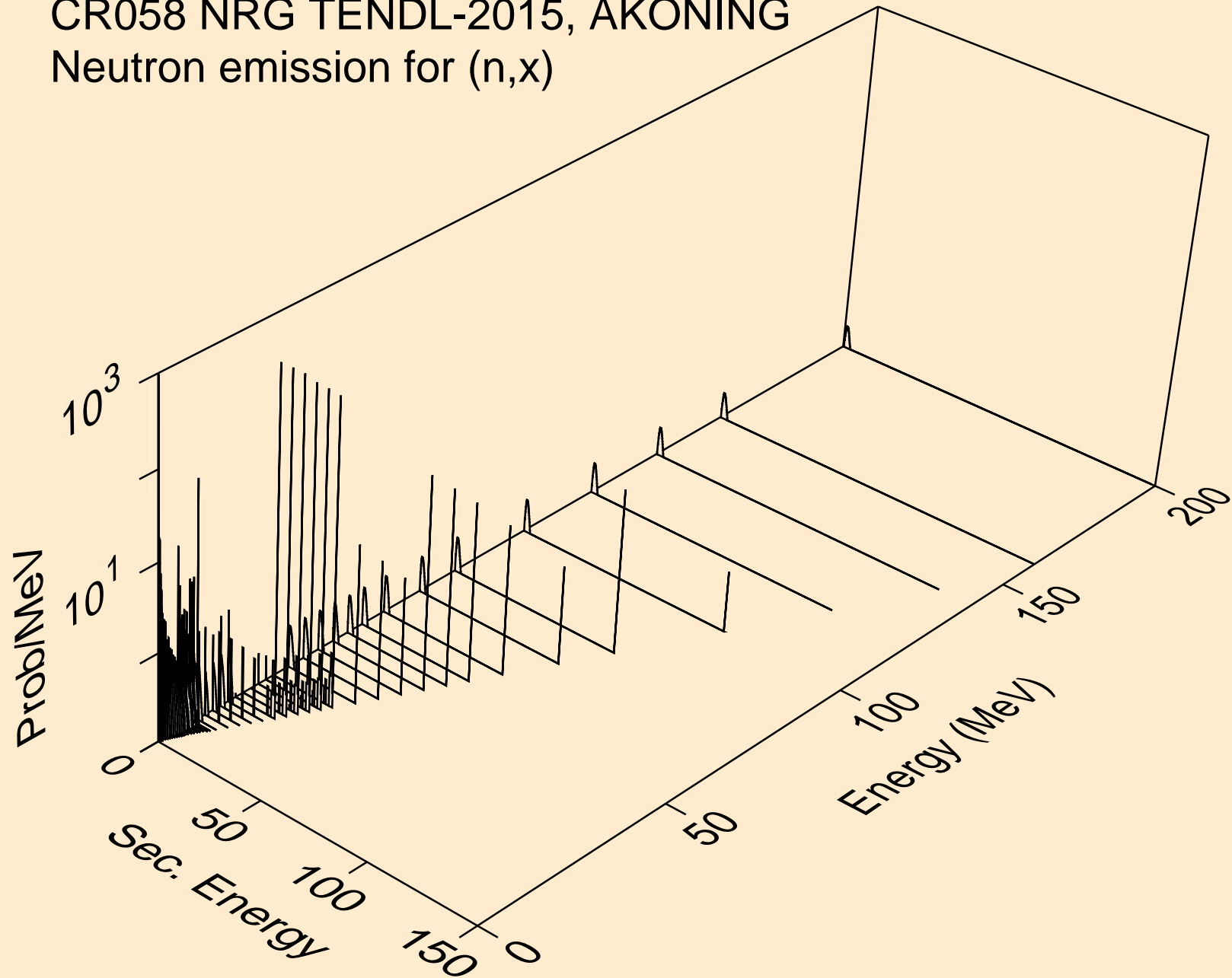
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



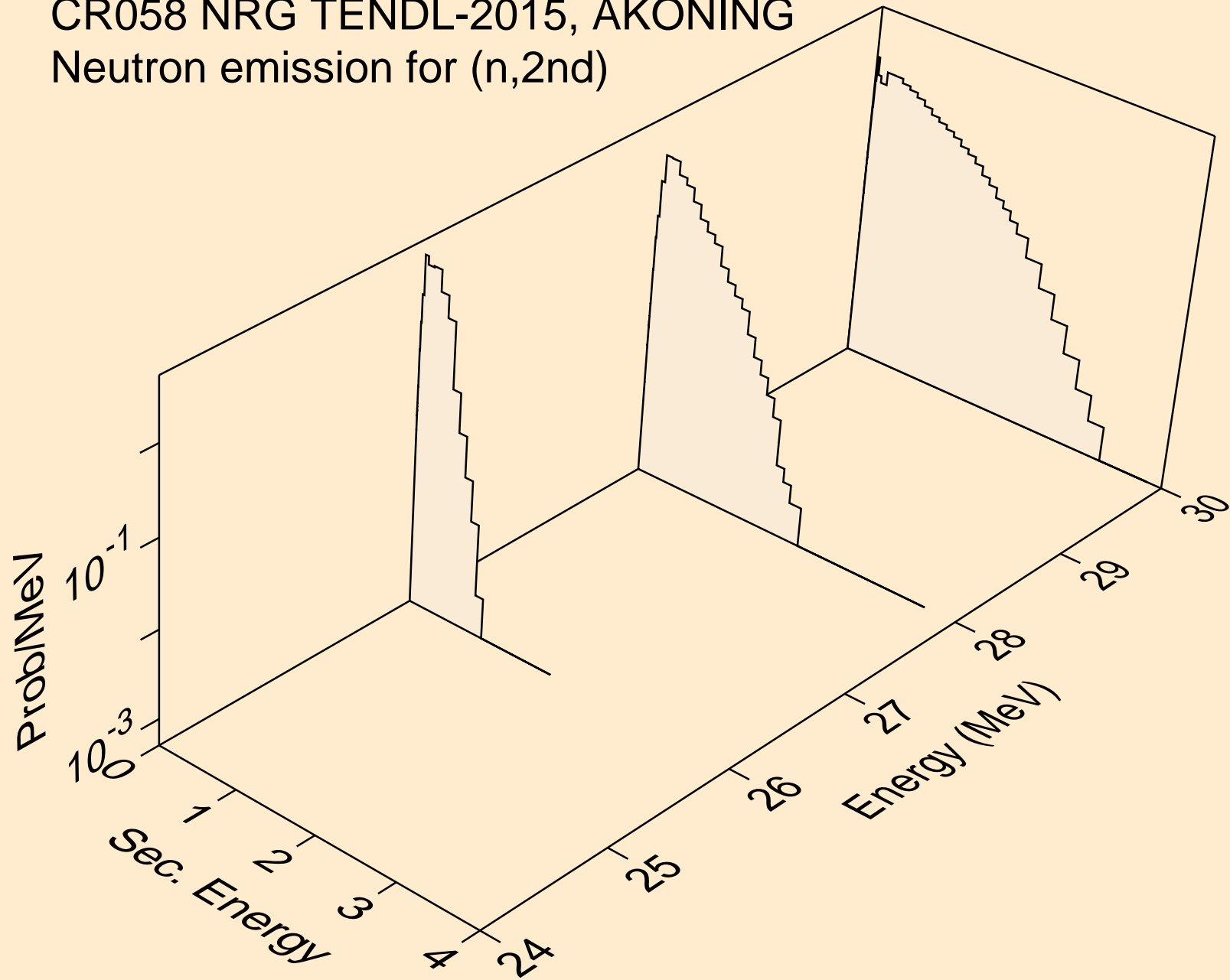
CR058 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

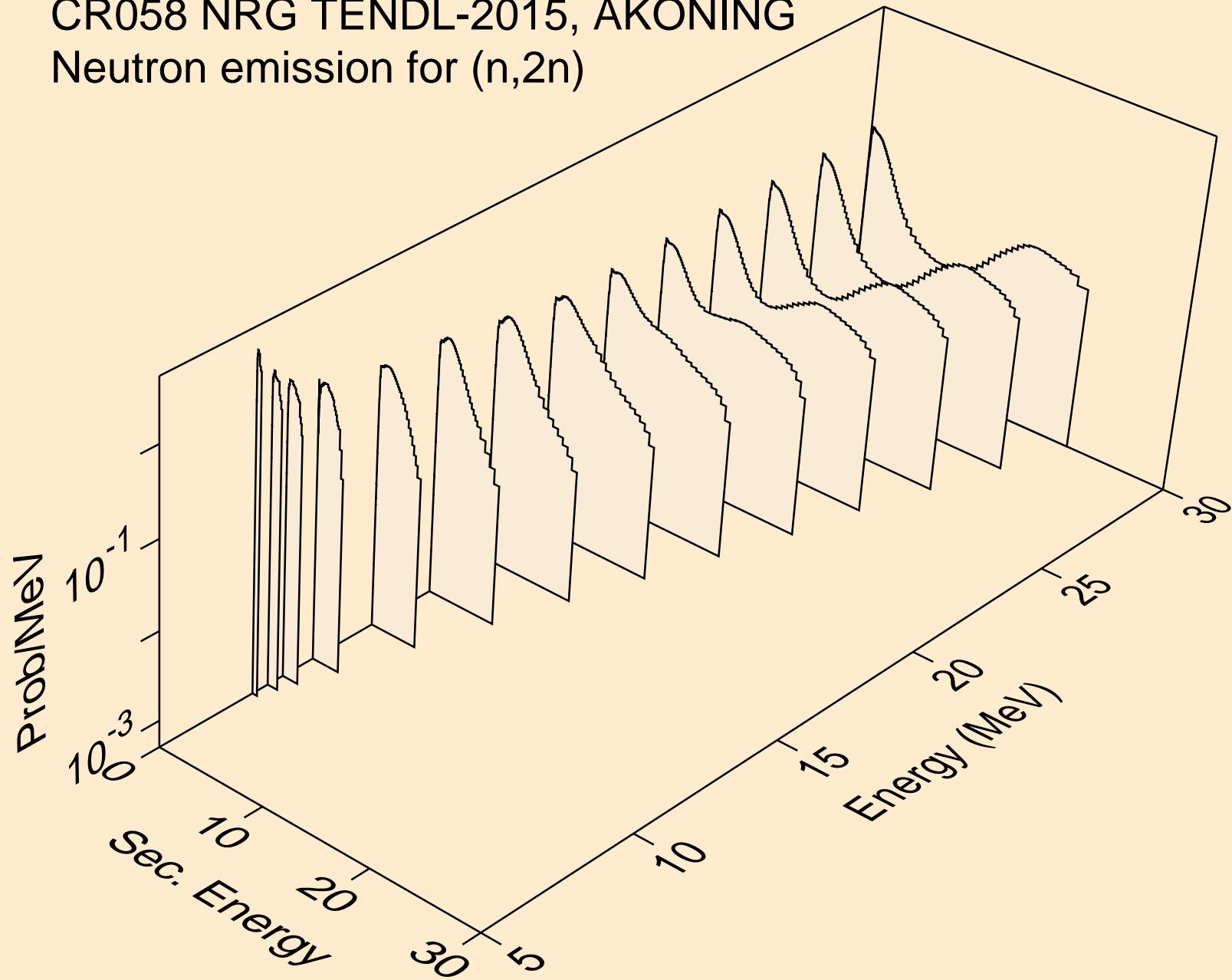


CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

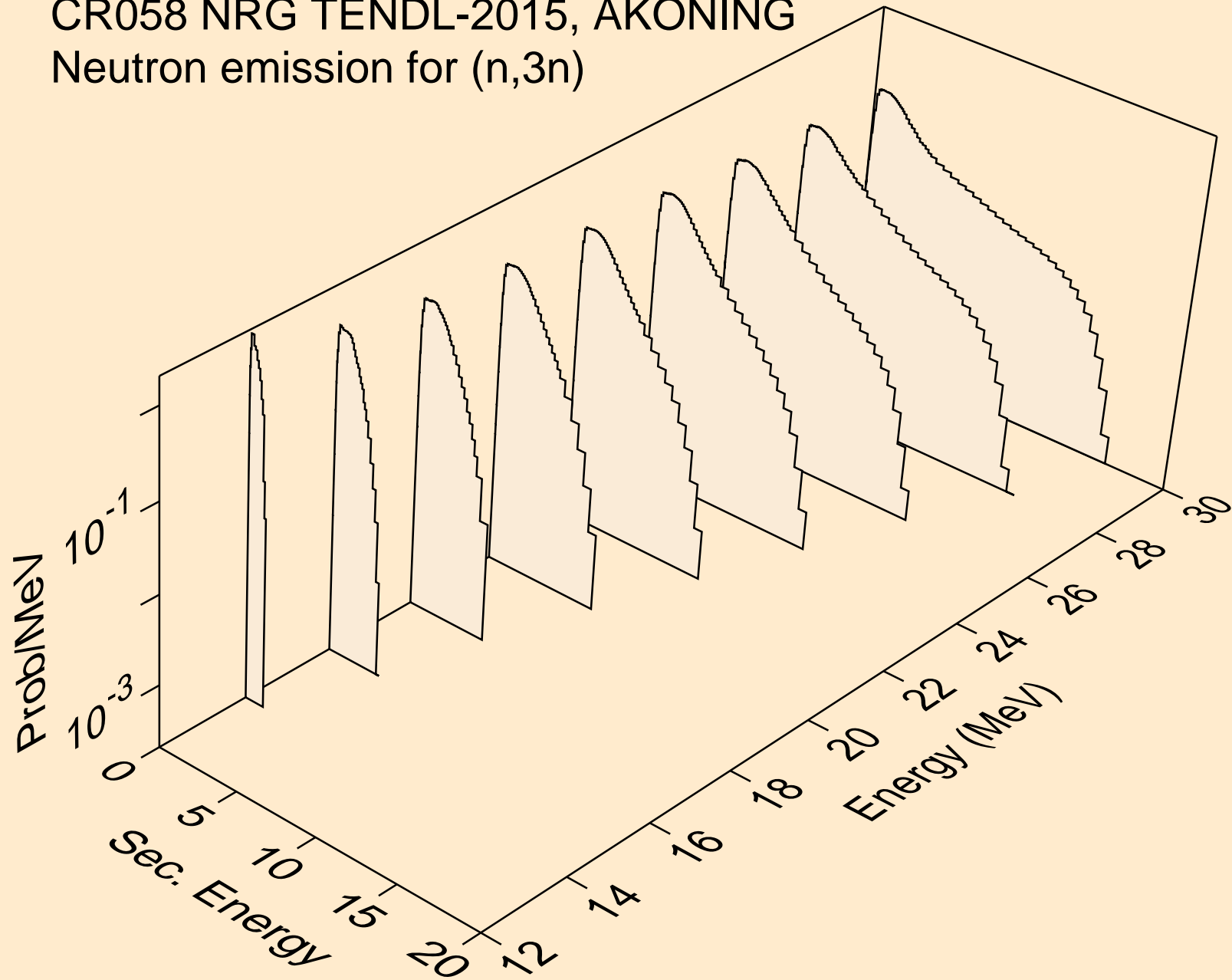




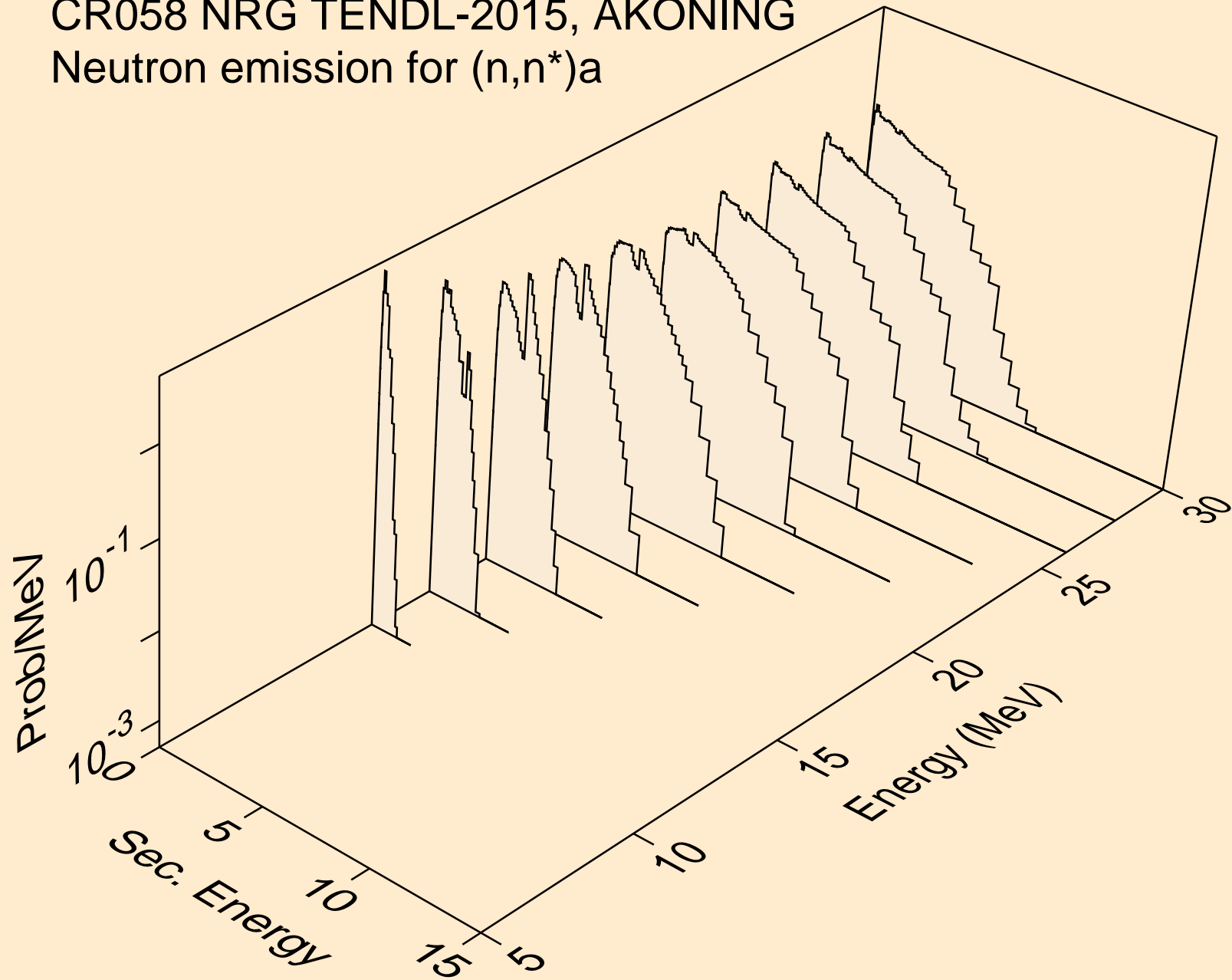
CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



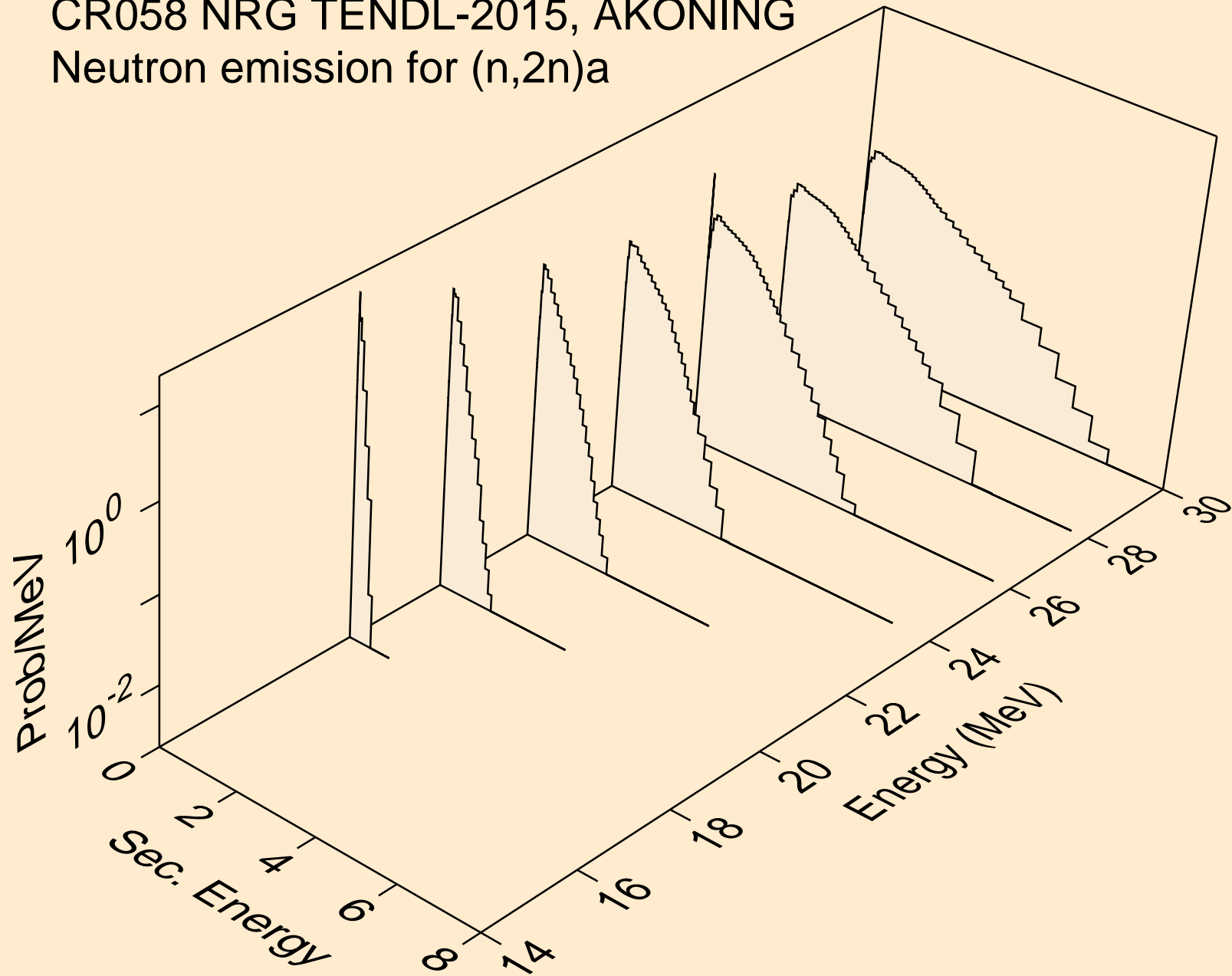
CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



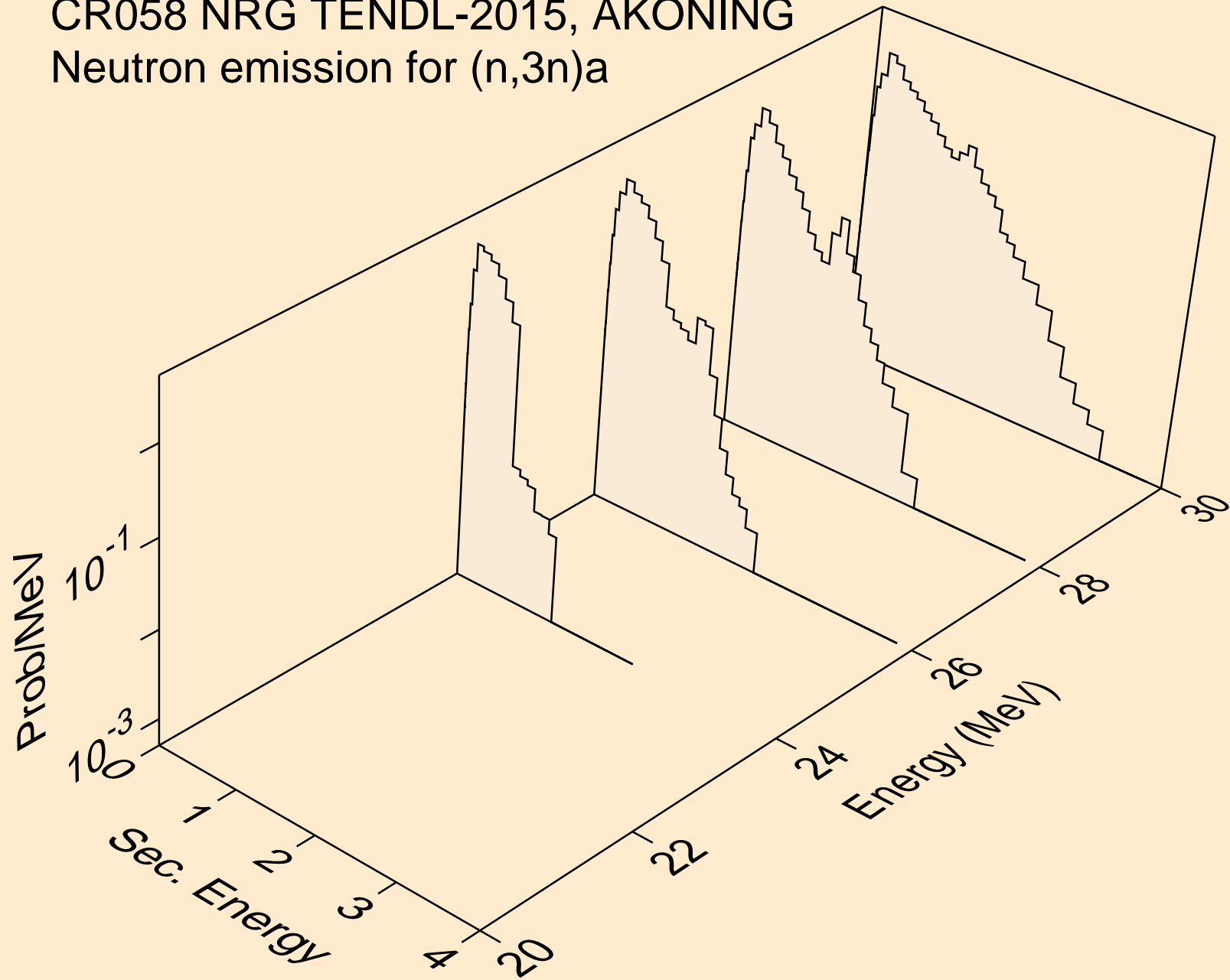
CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



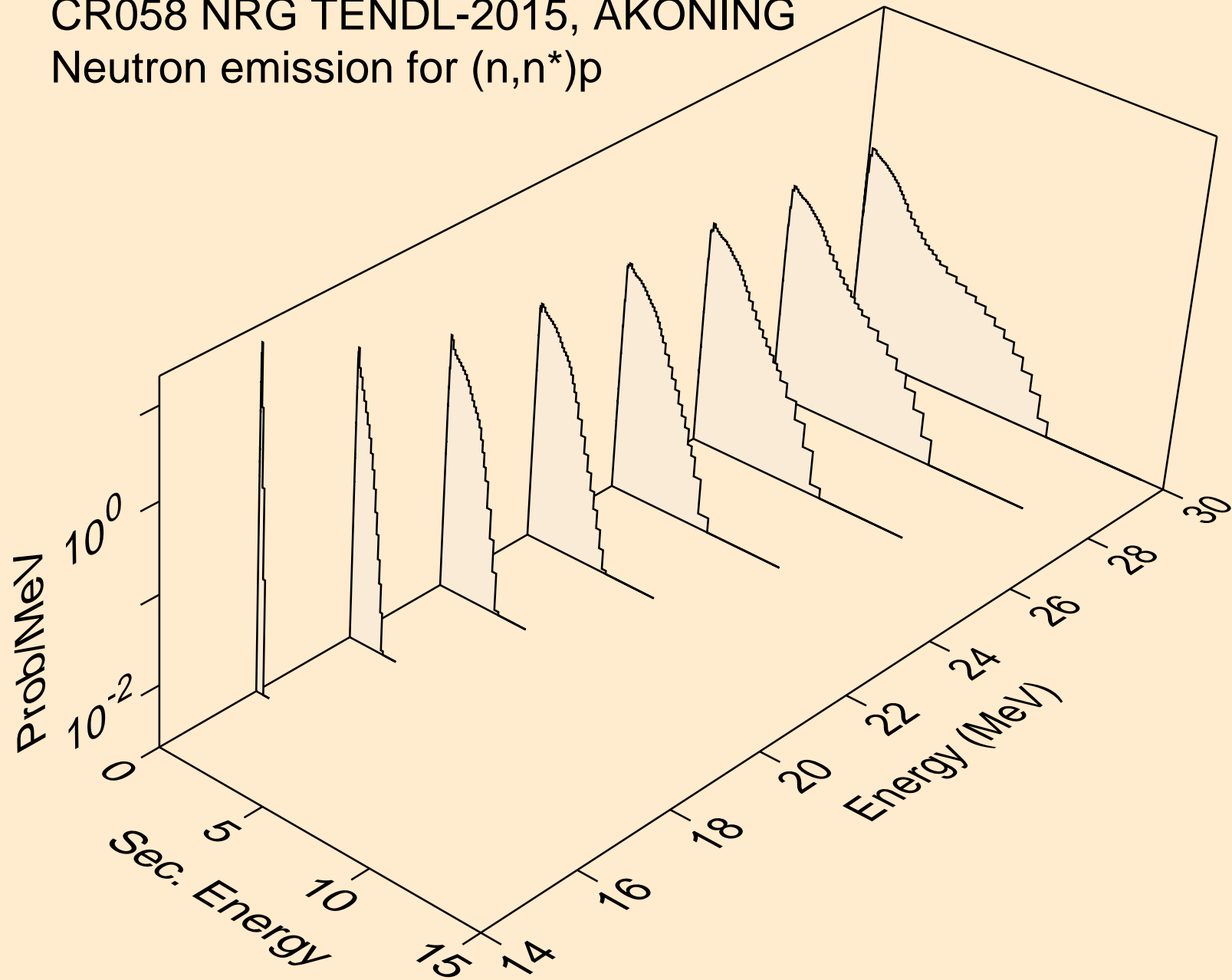
CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



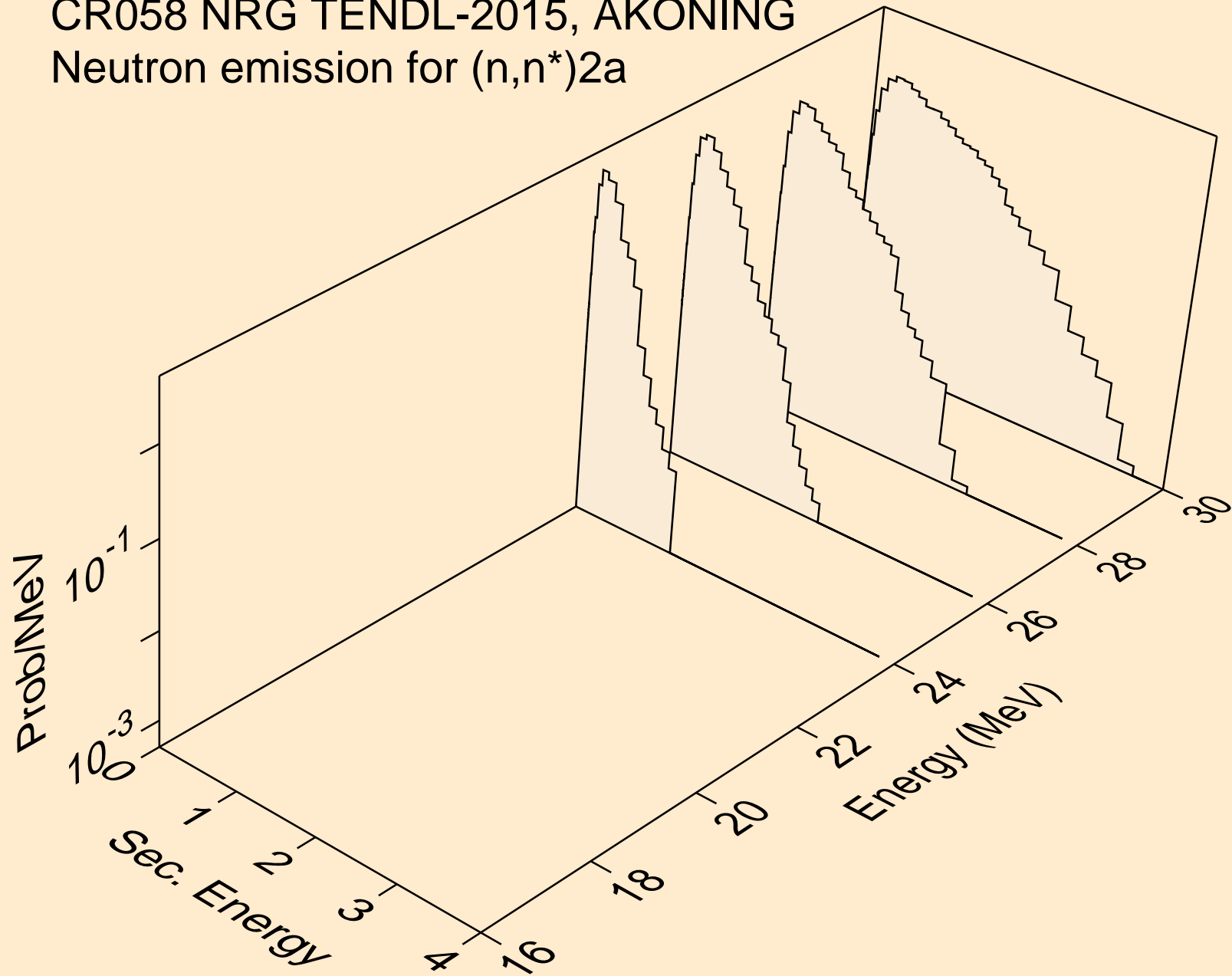
CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



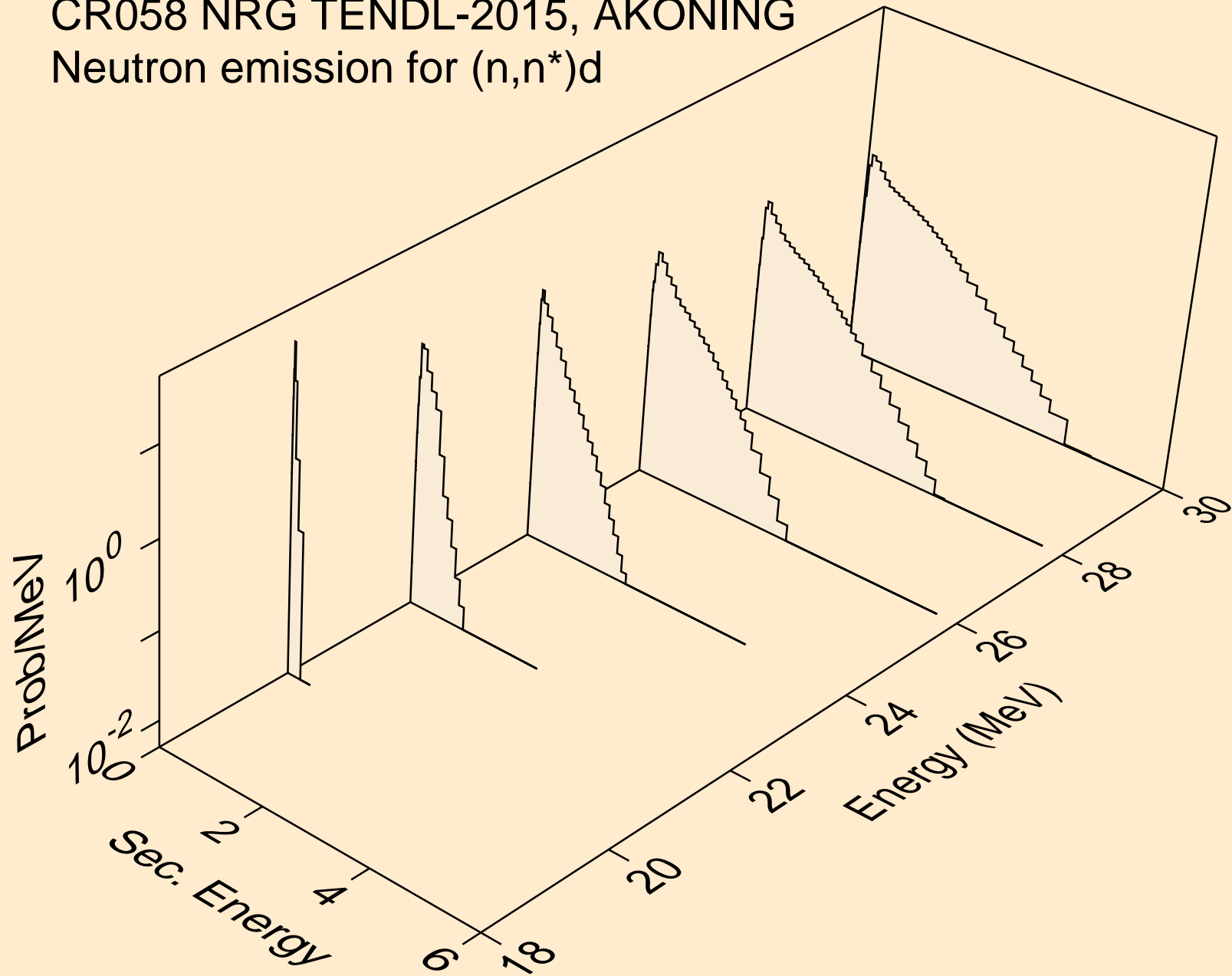
CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

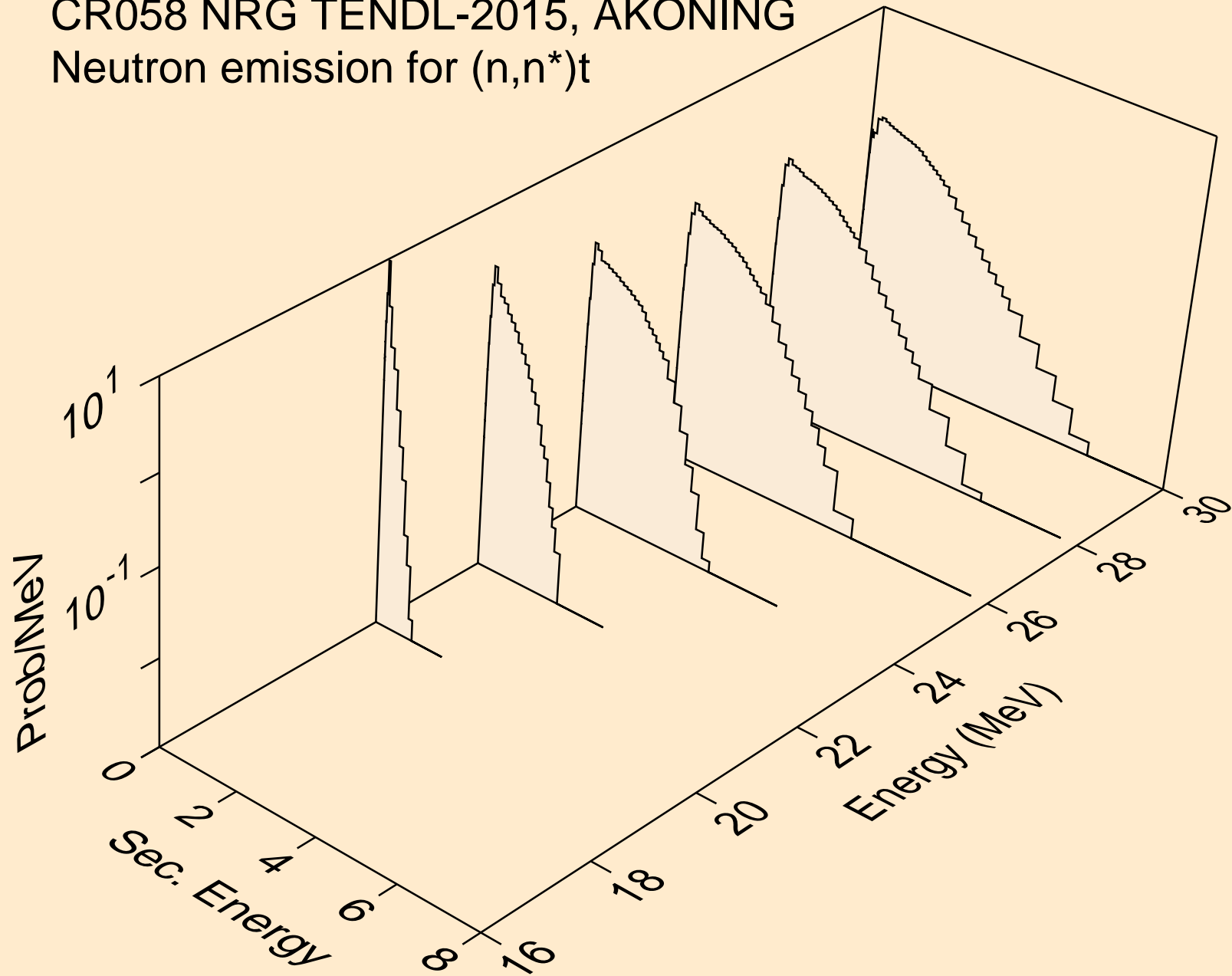


CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

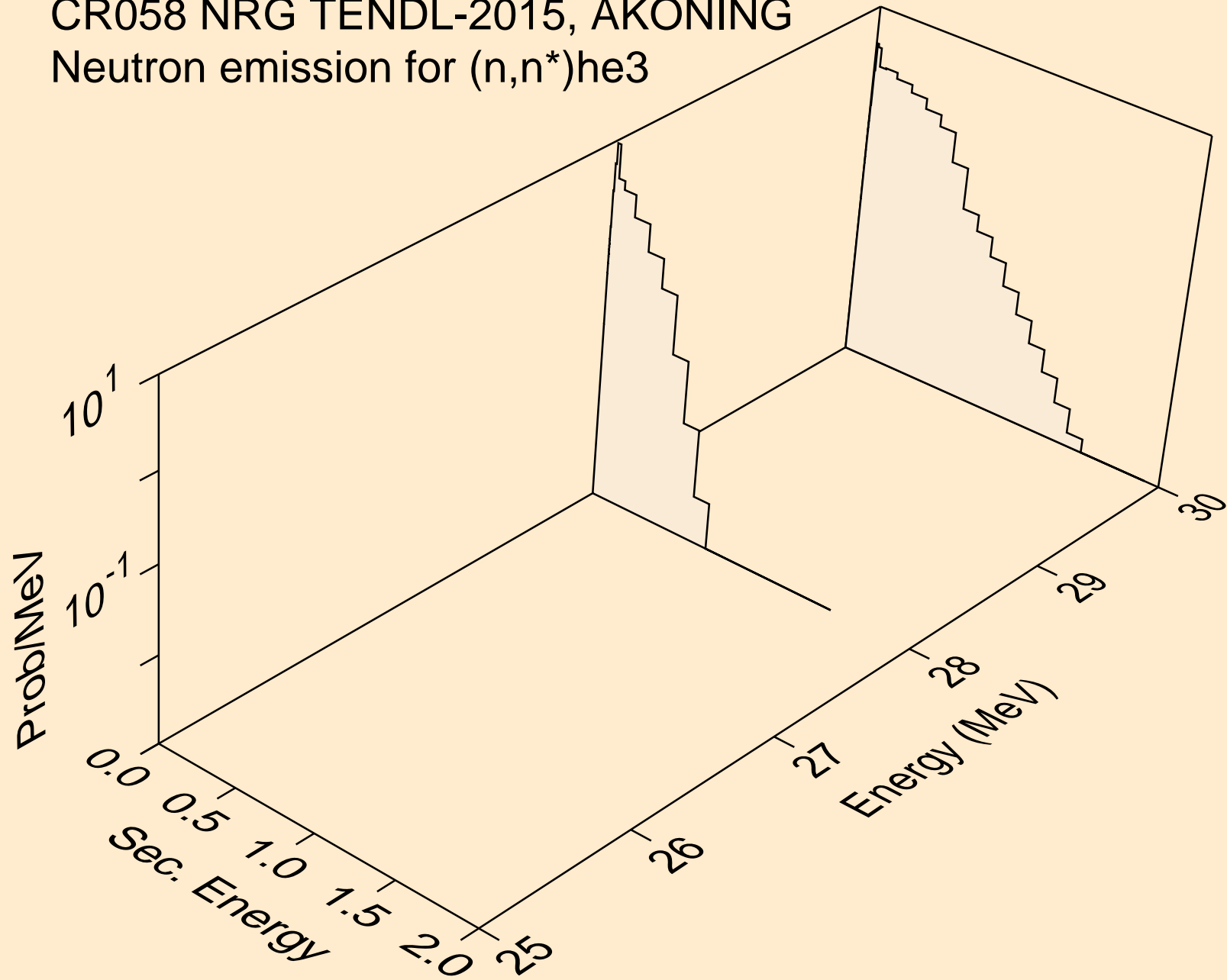




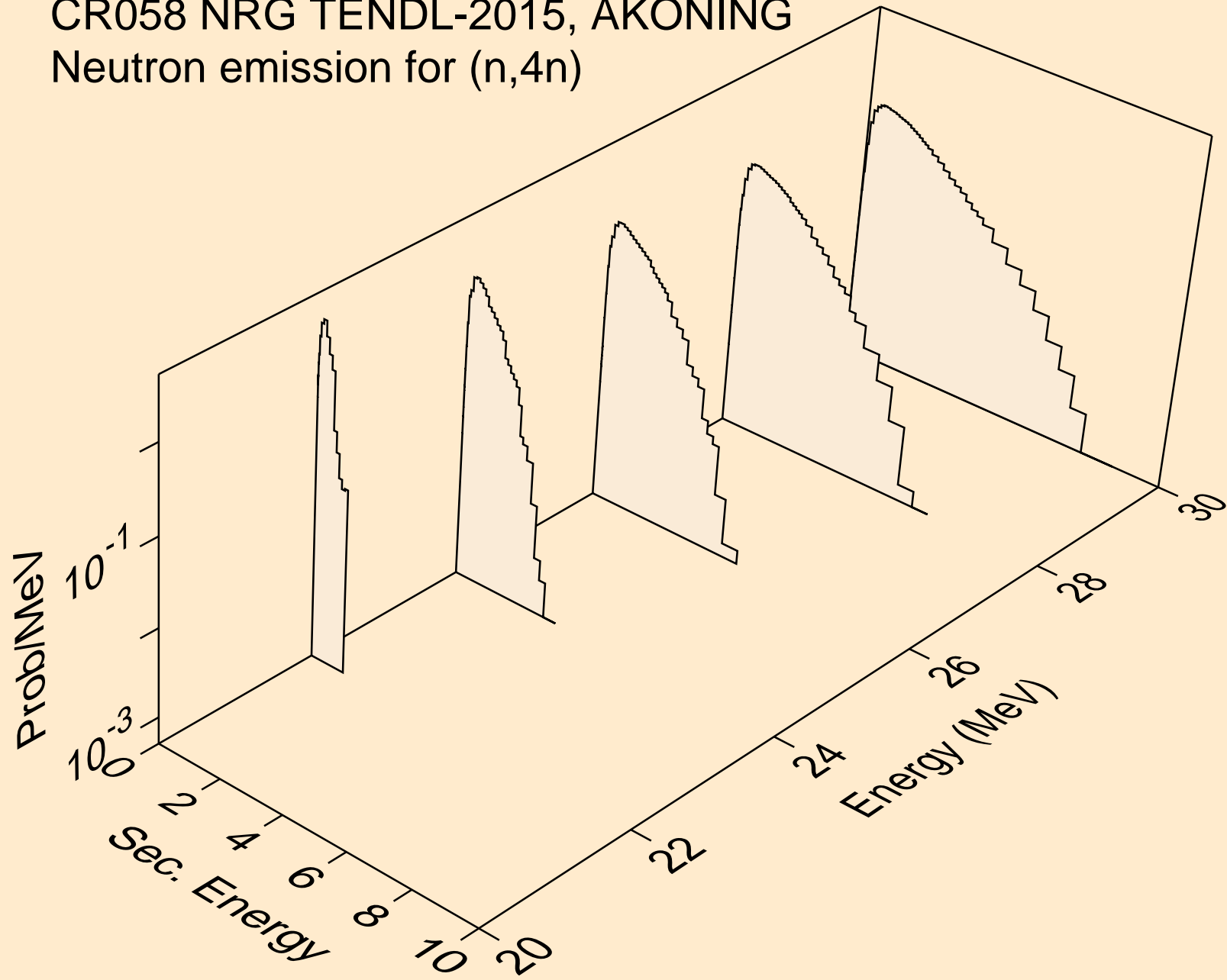
CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



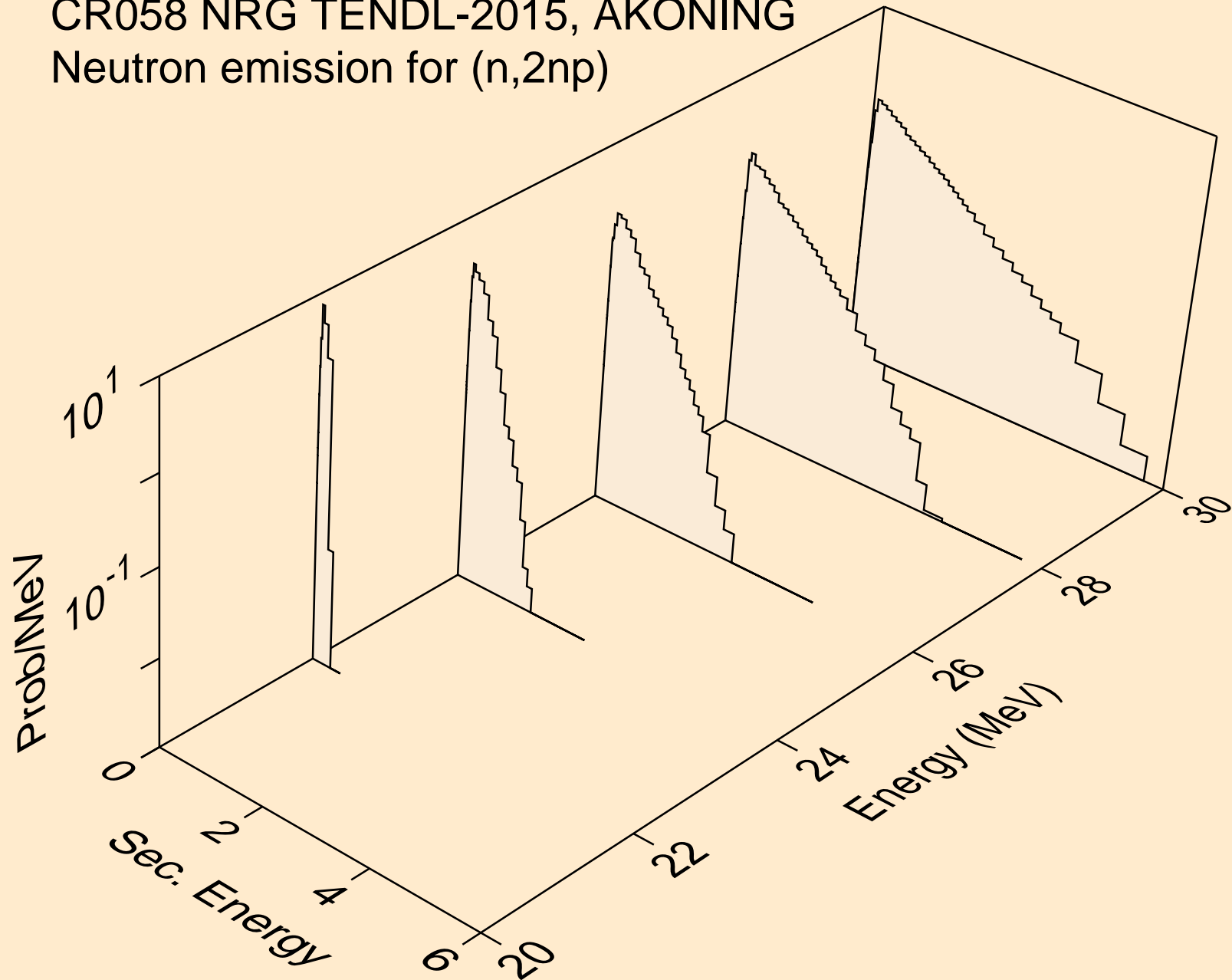
CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



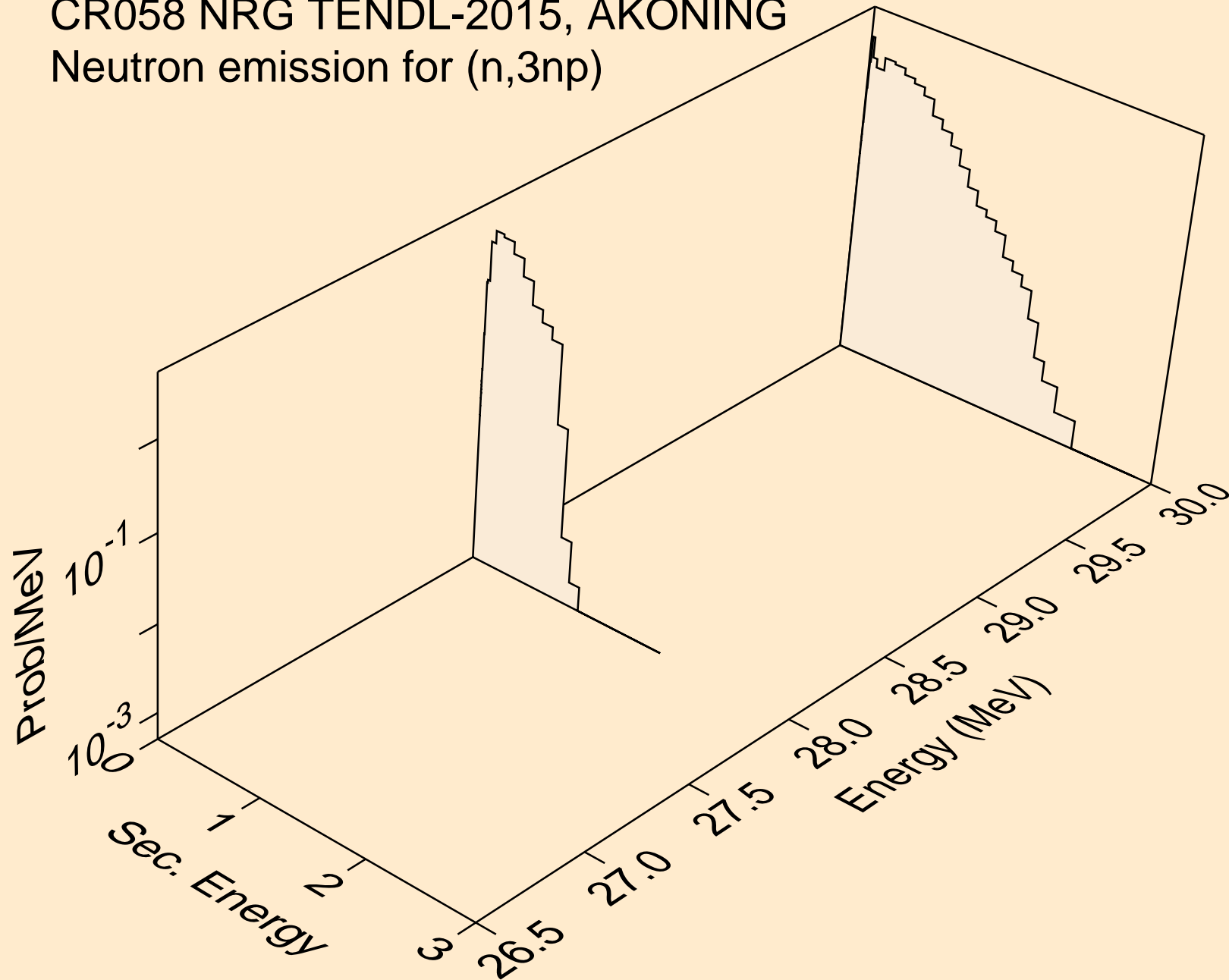
CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



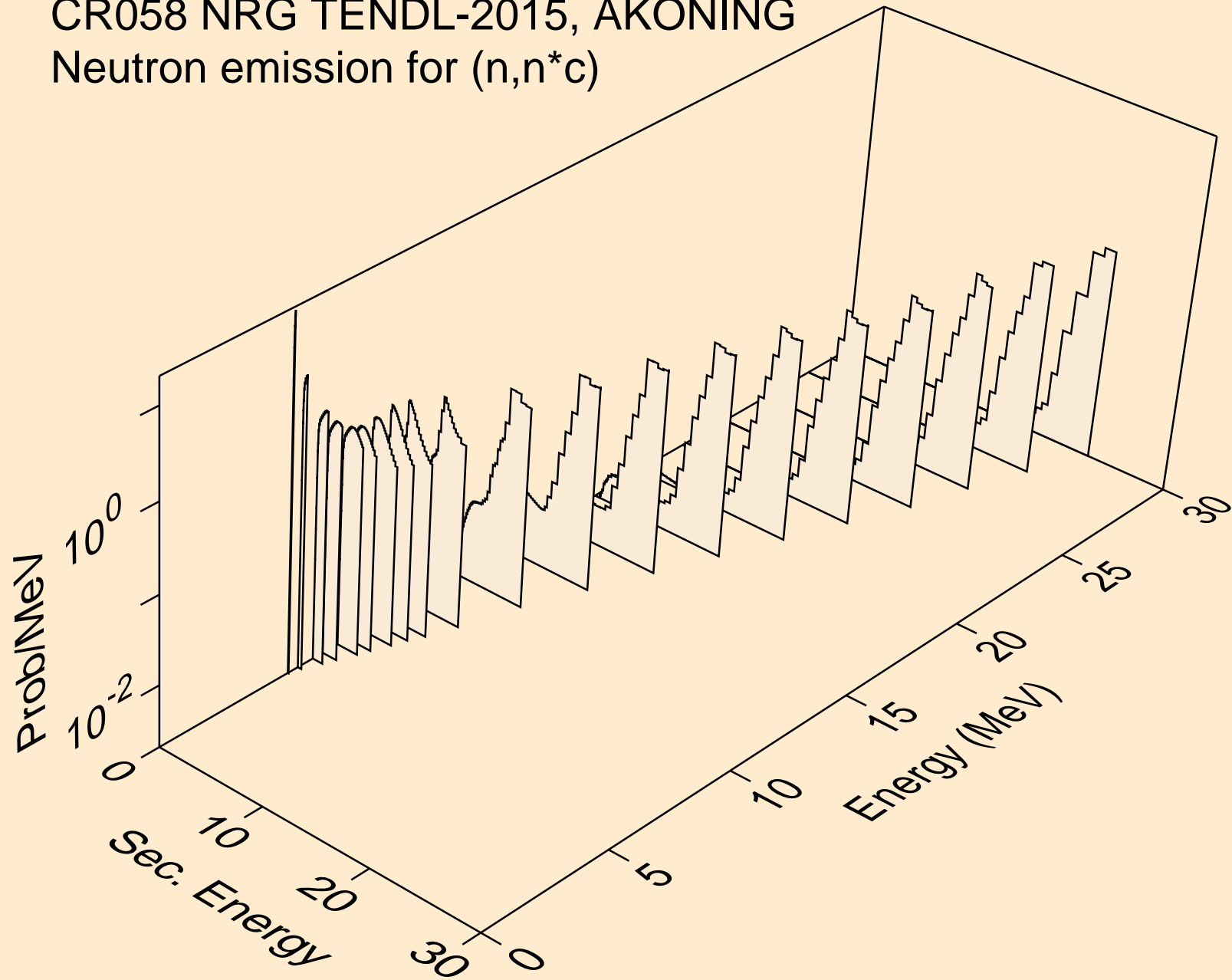
CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



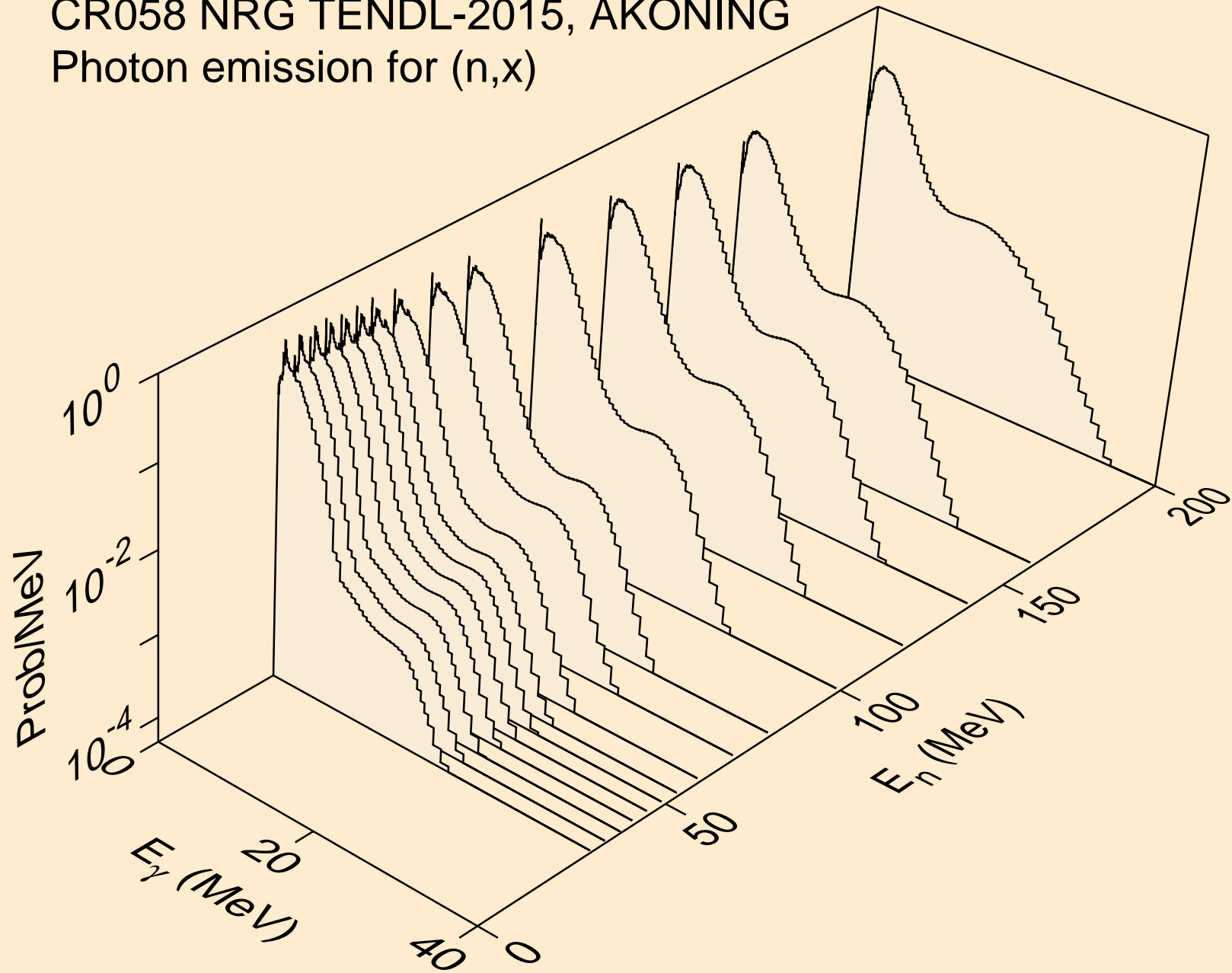
CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



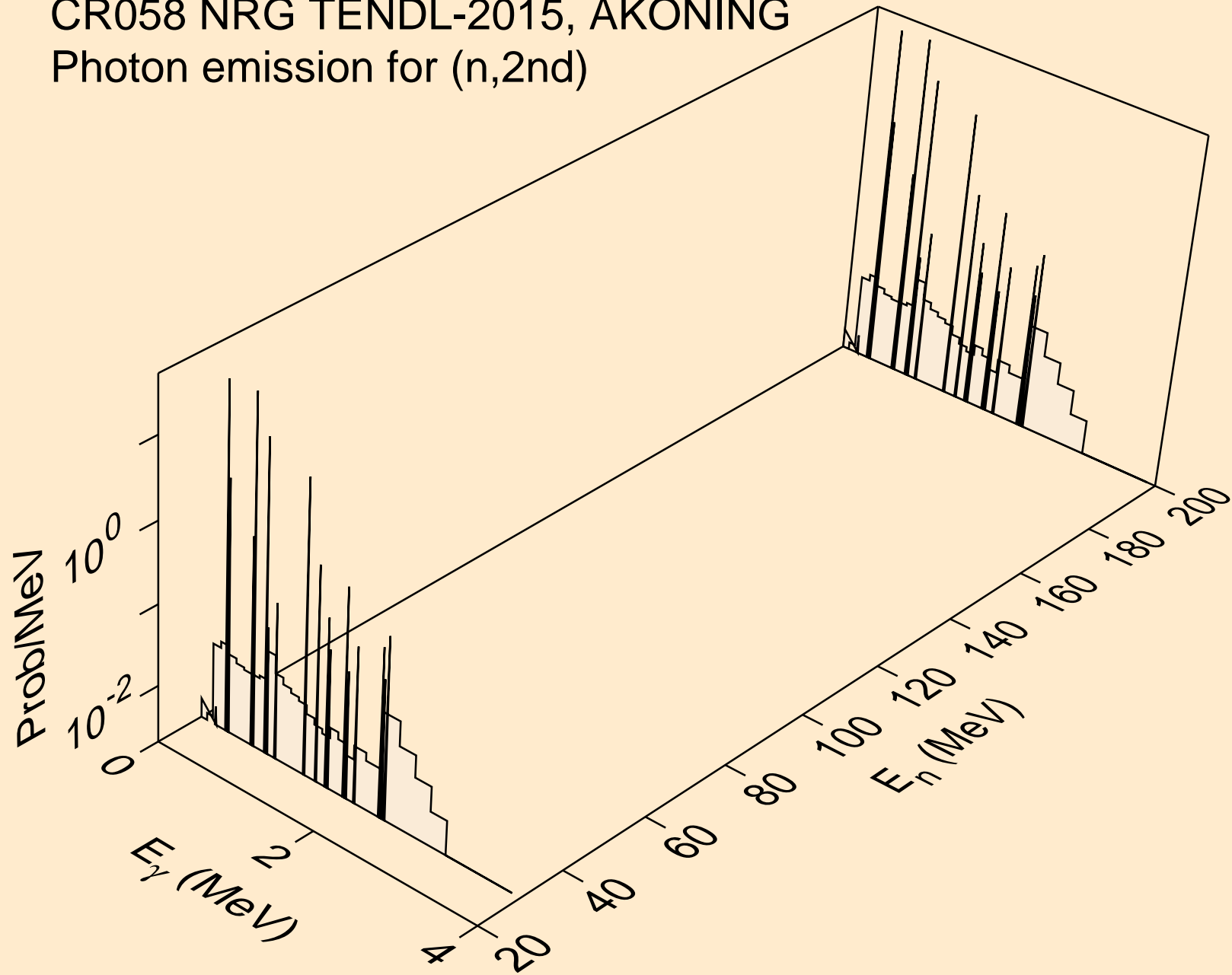
CR058 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

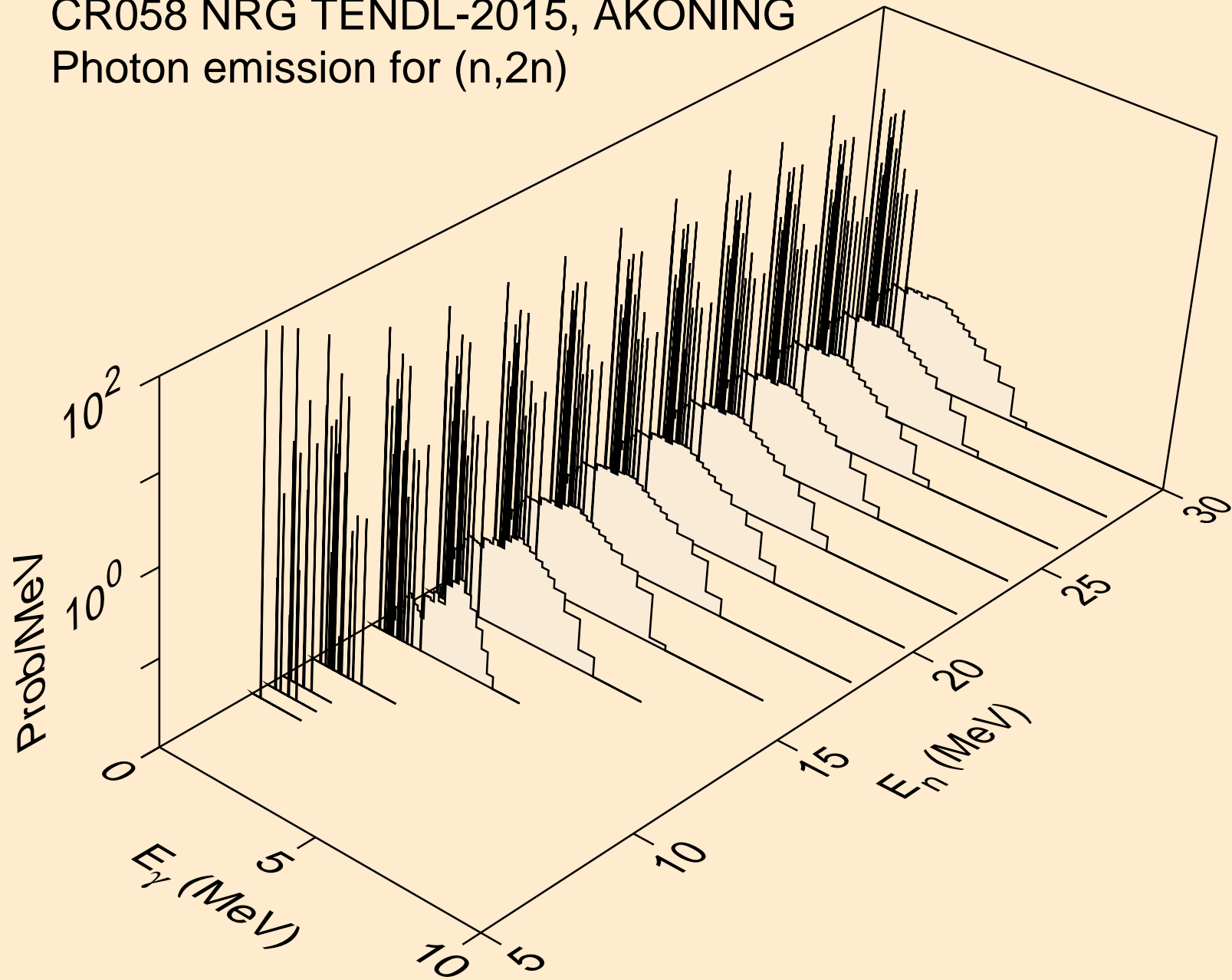


CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

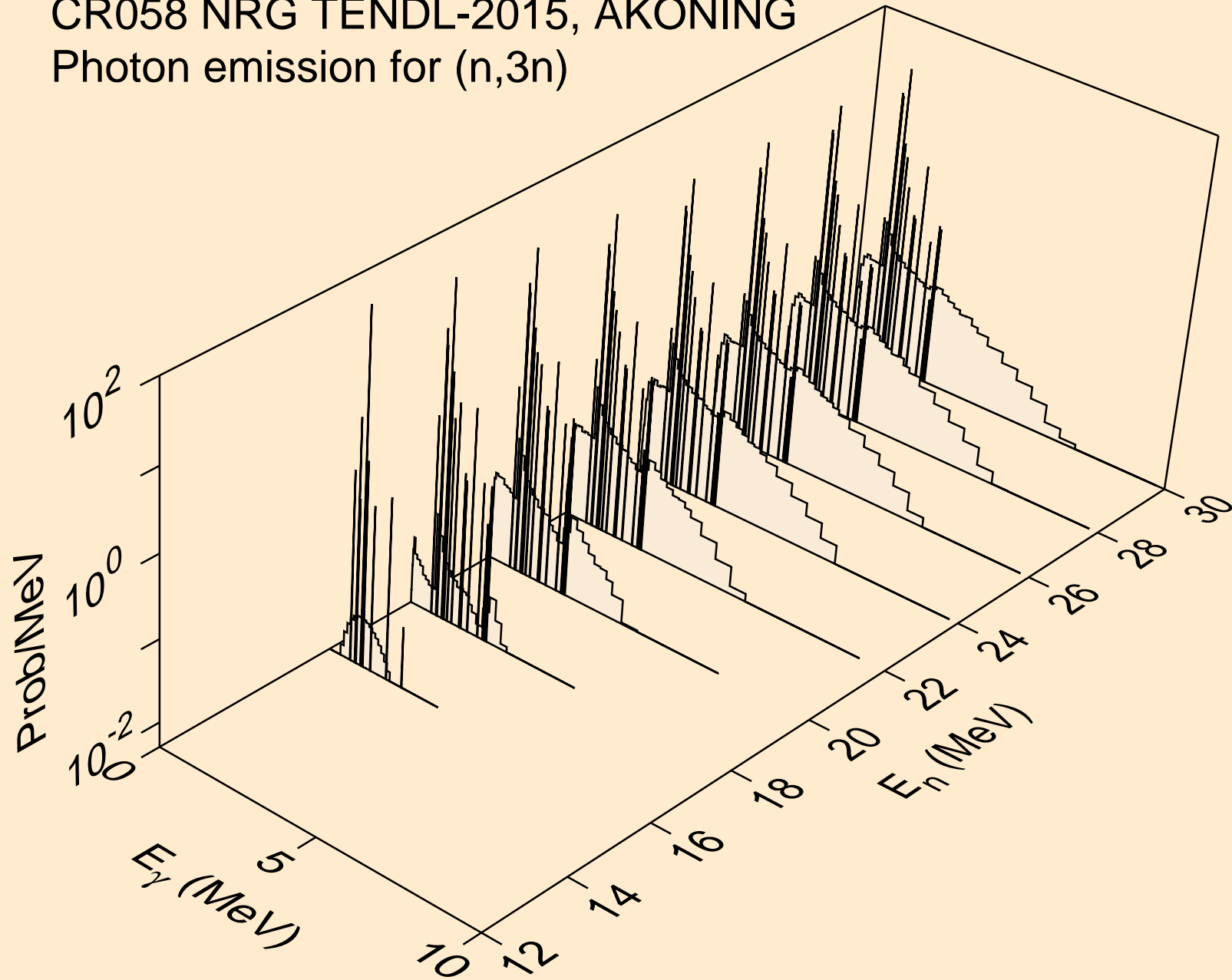




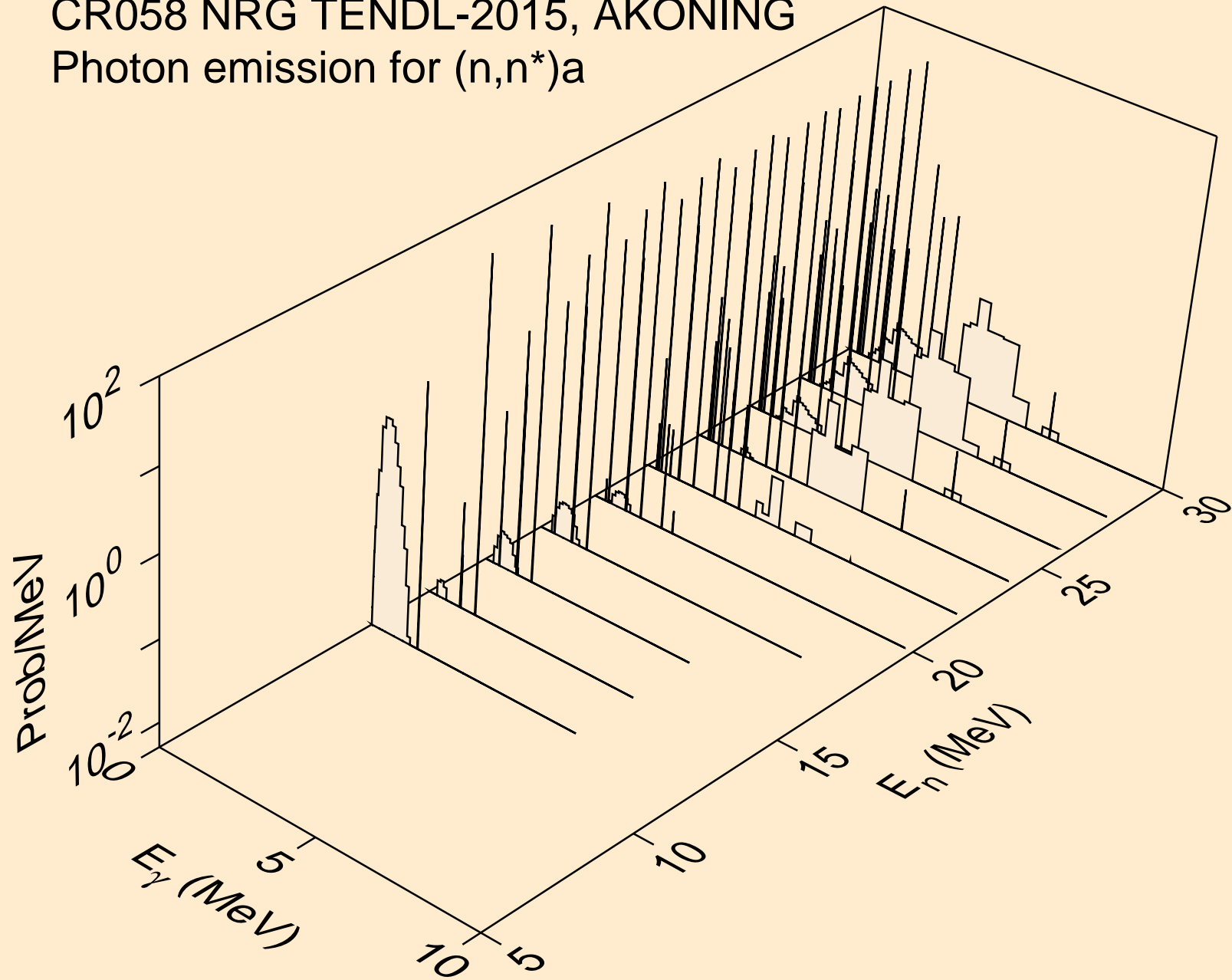
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



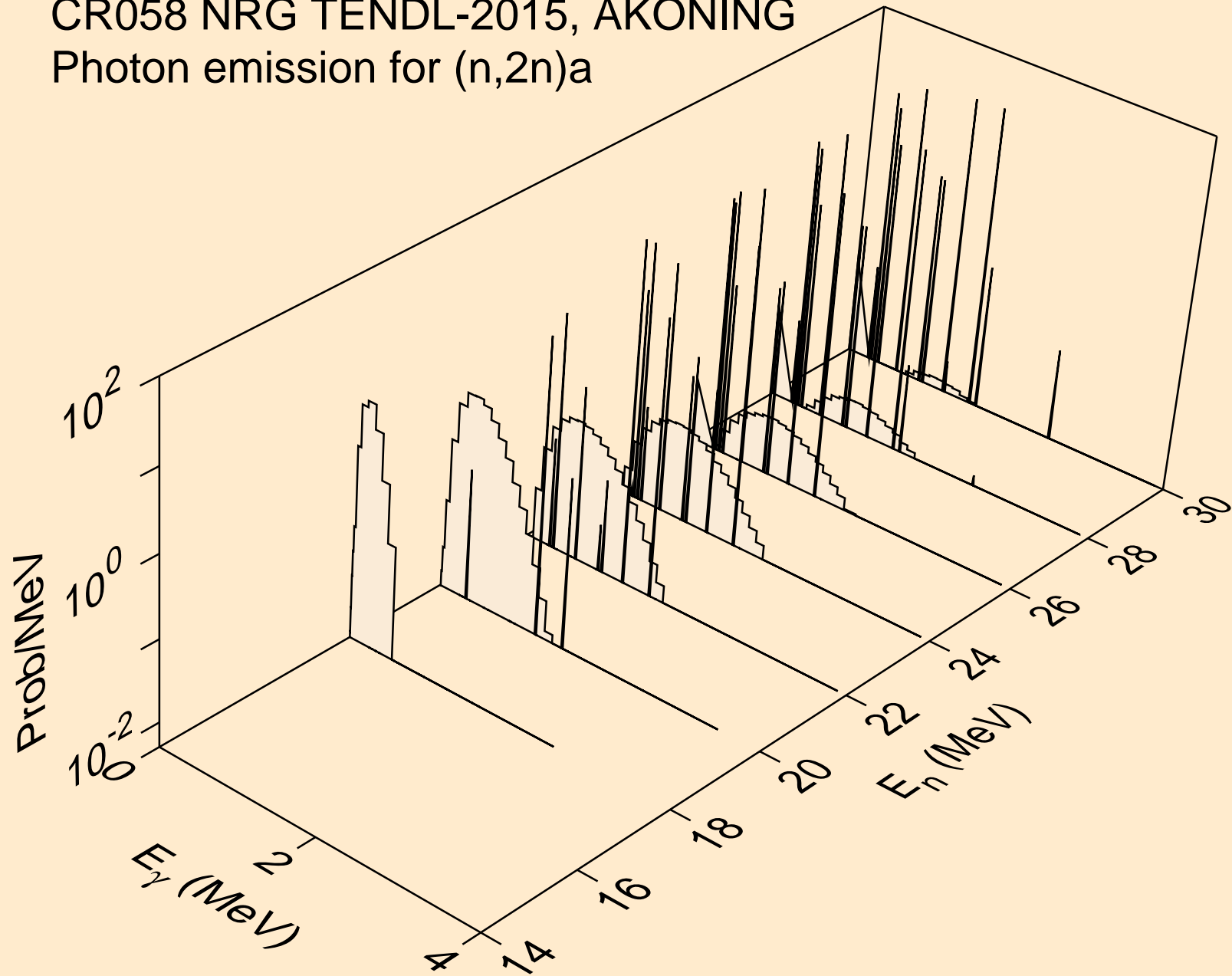
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



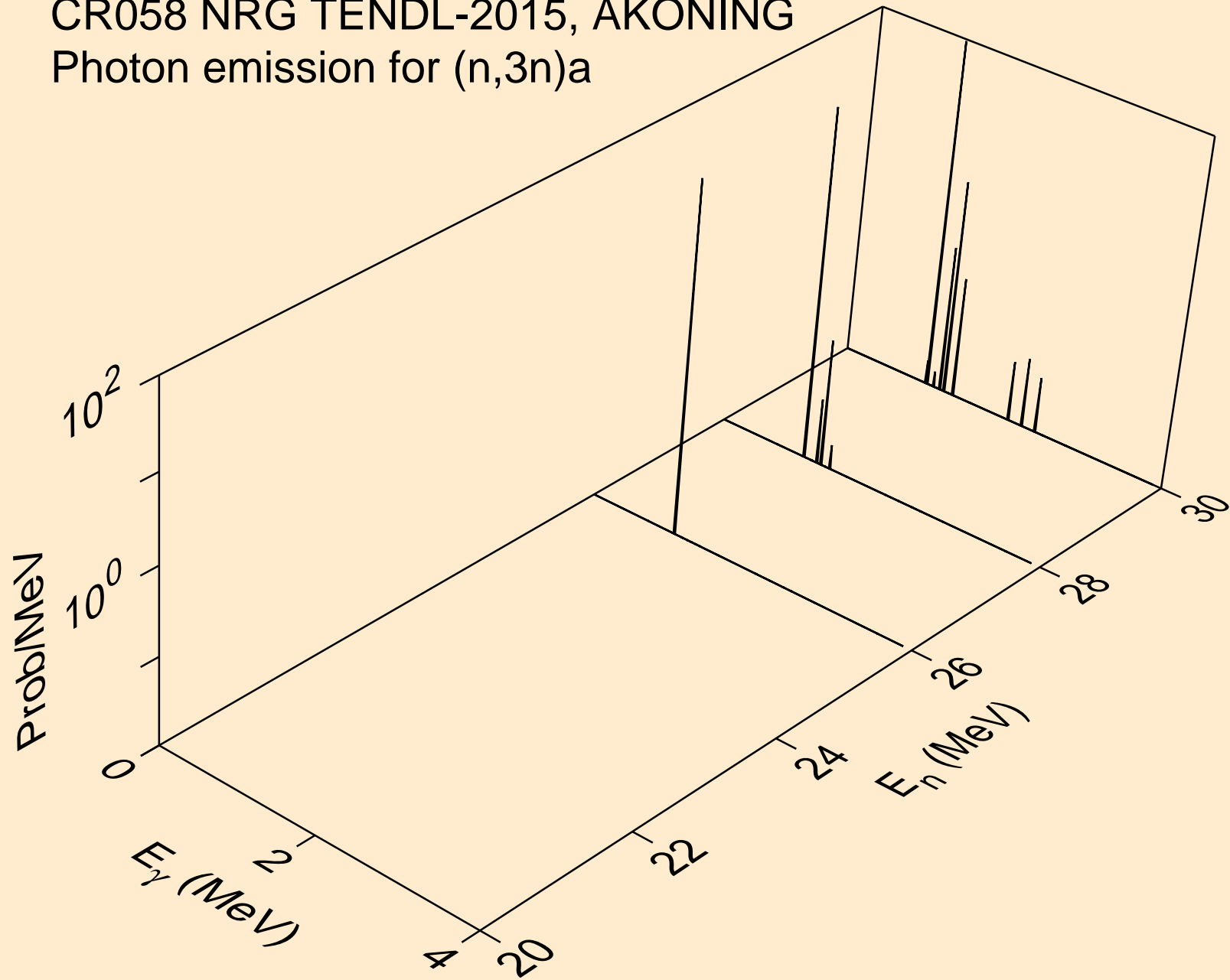
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



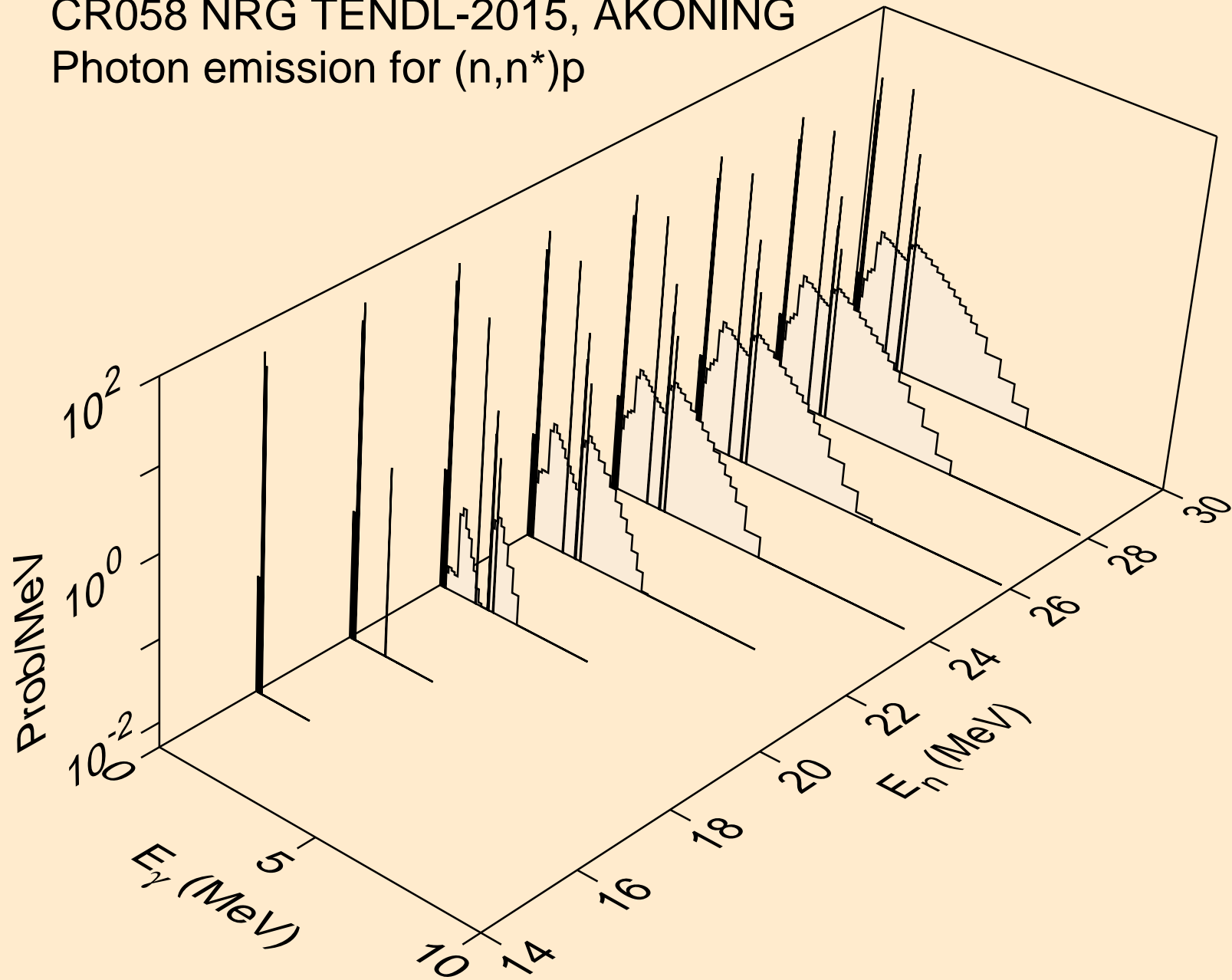
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



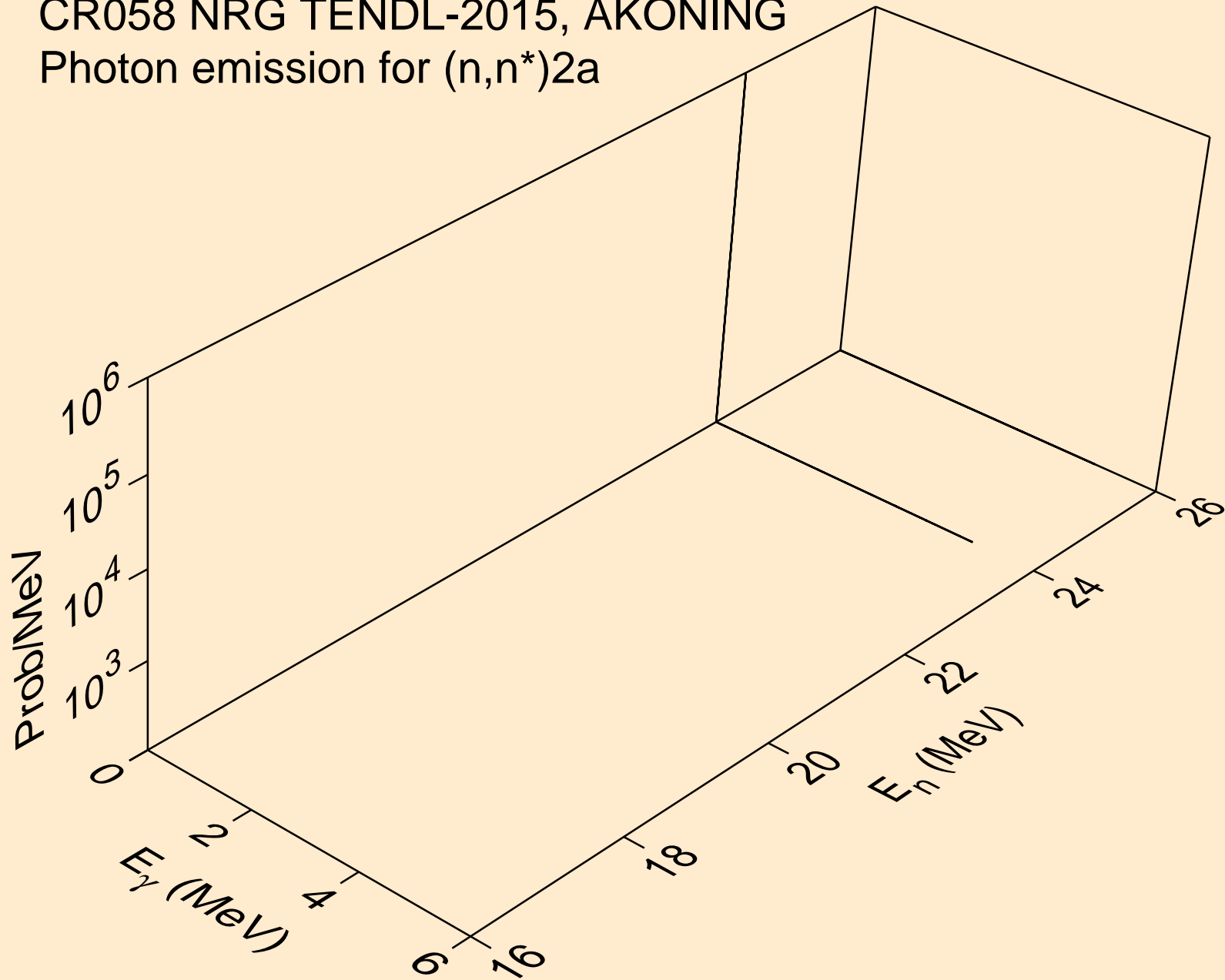
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



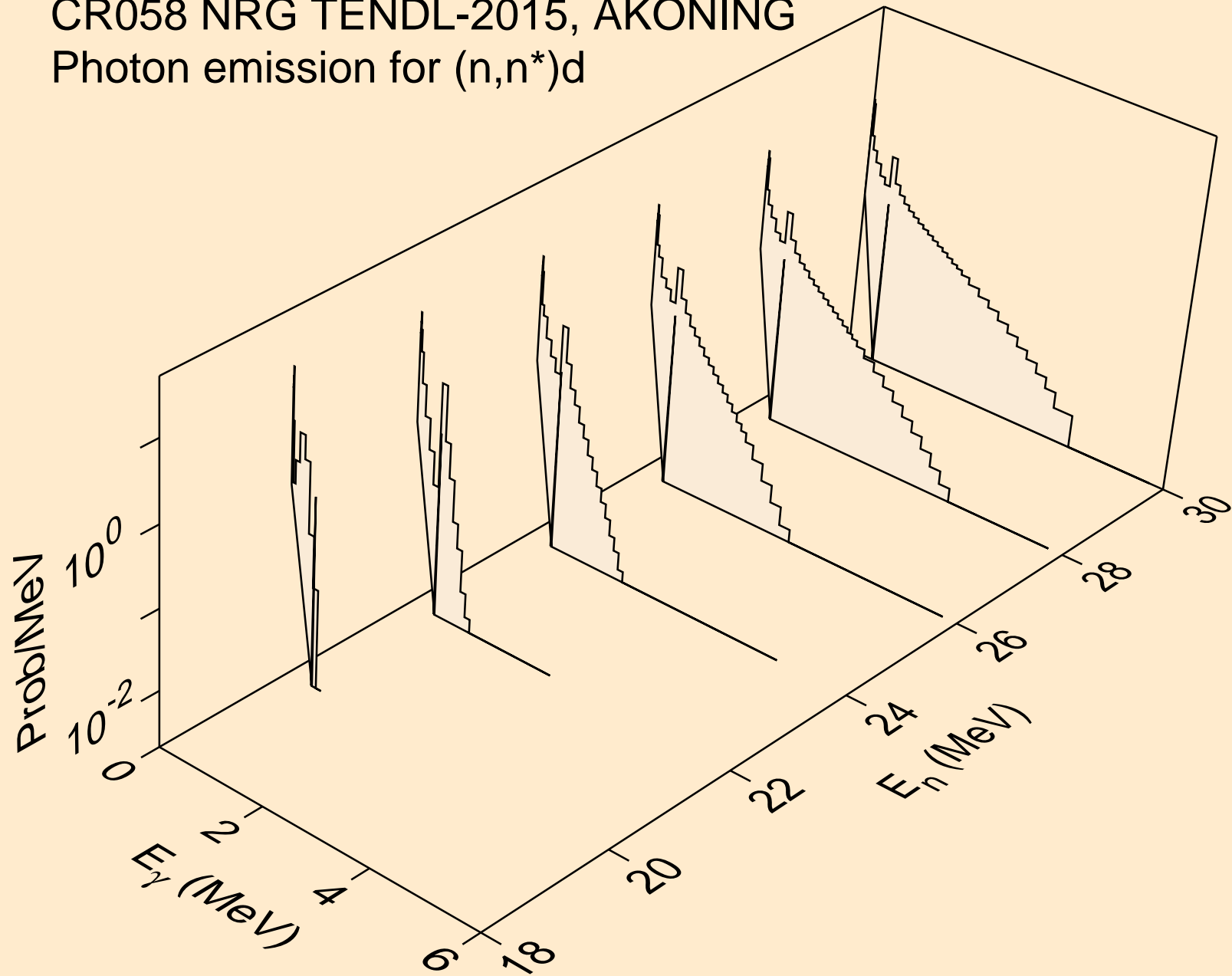
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

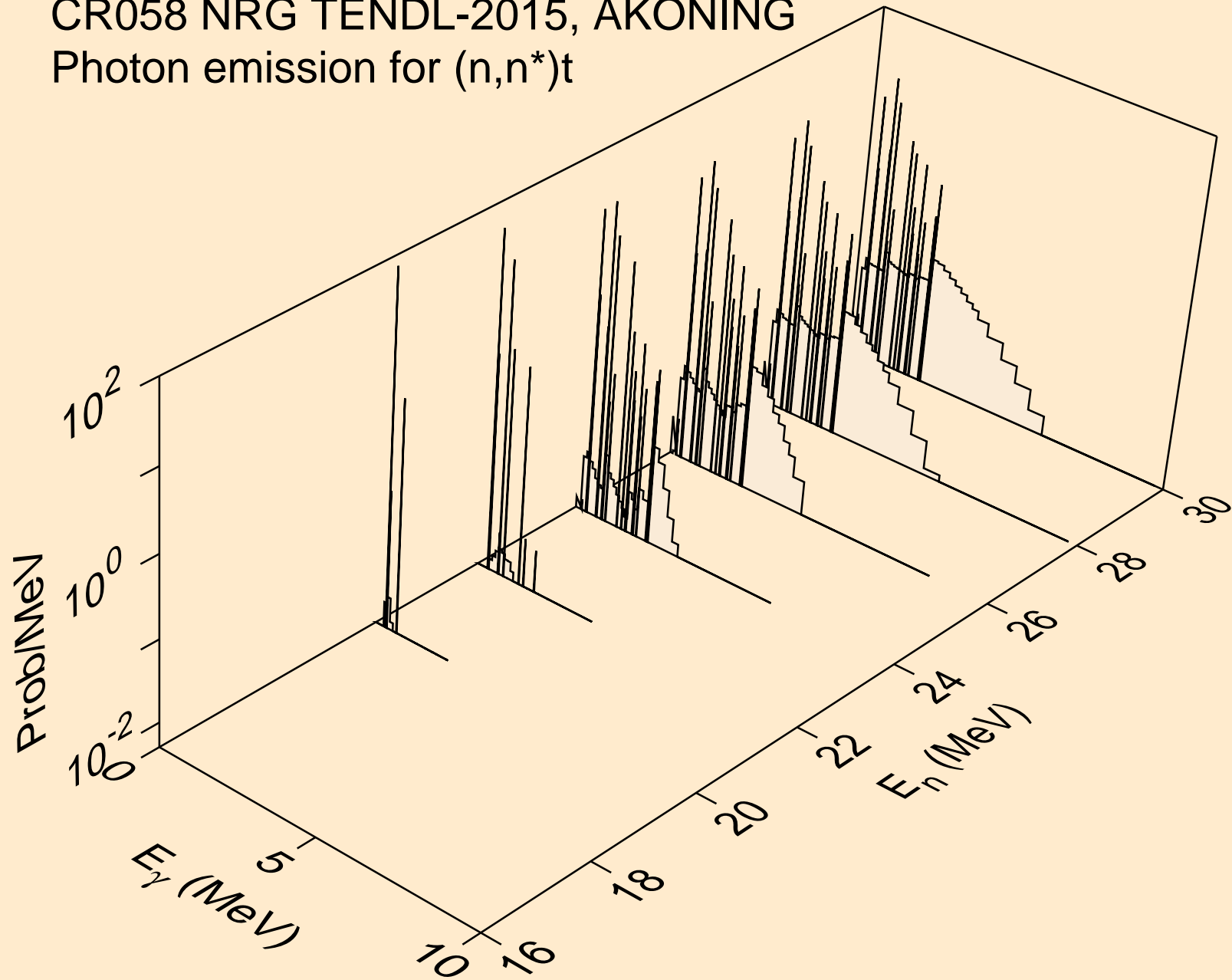


CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

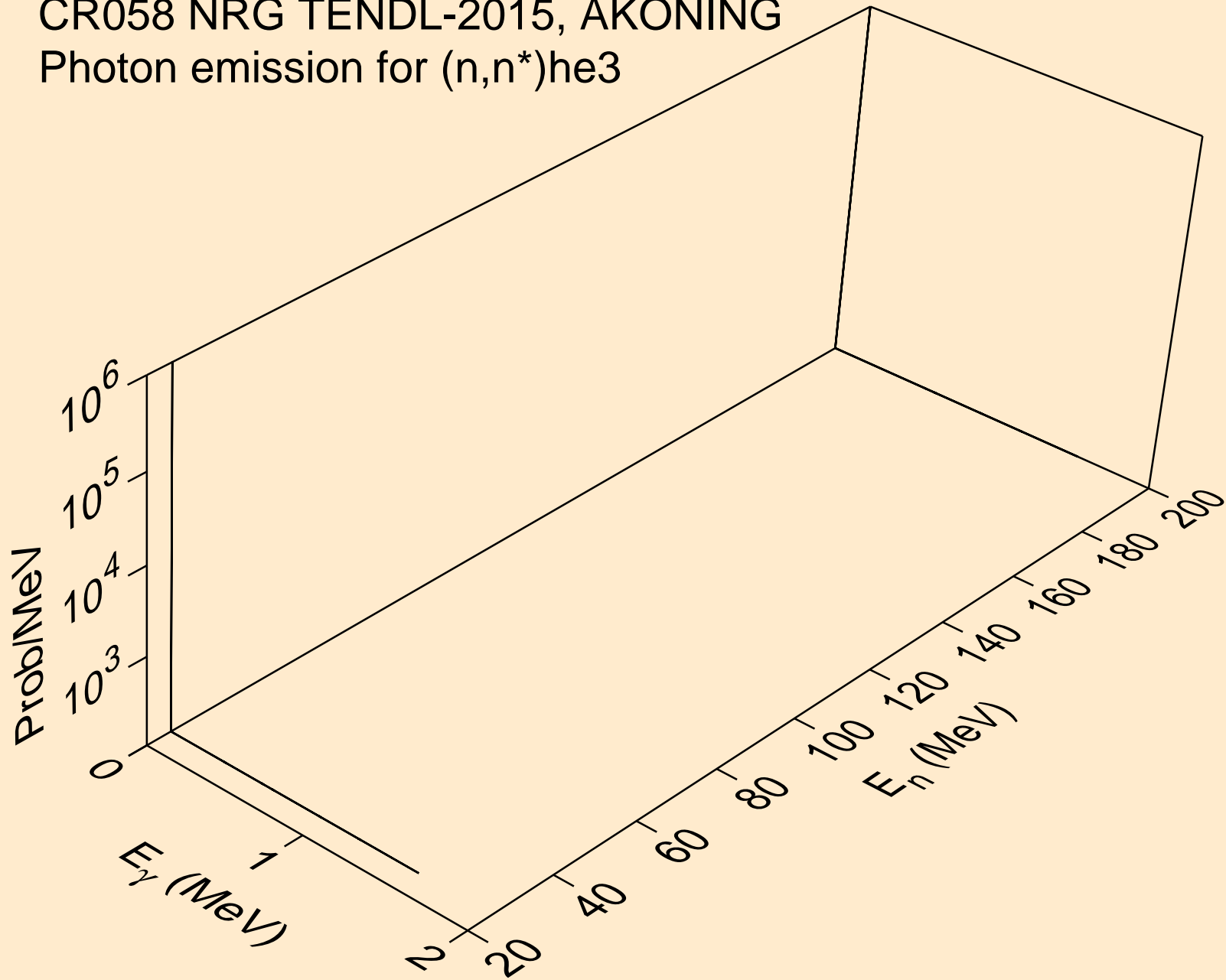




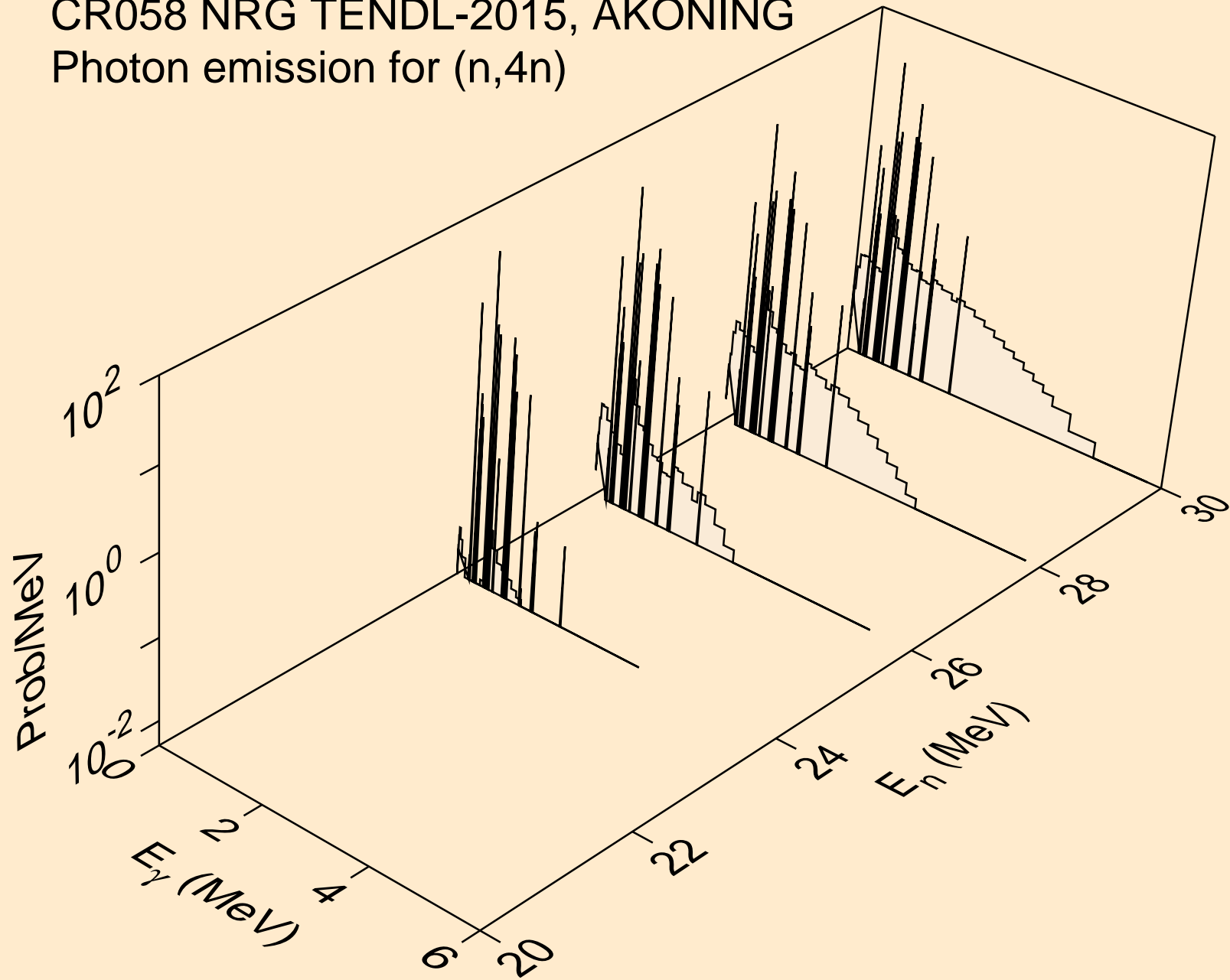
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



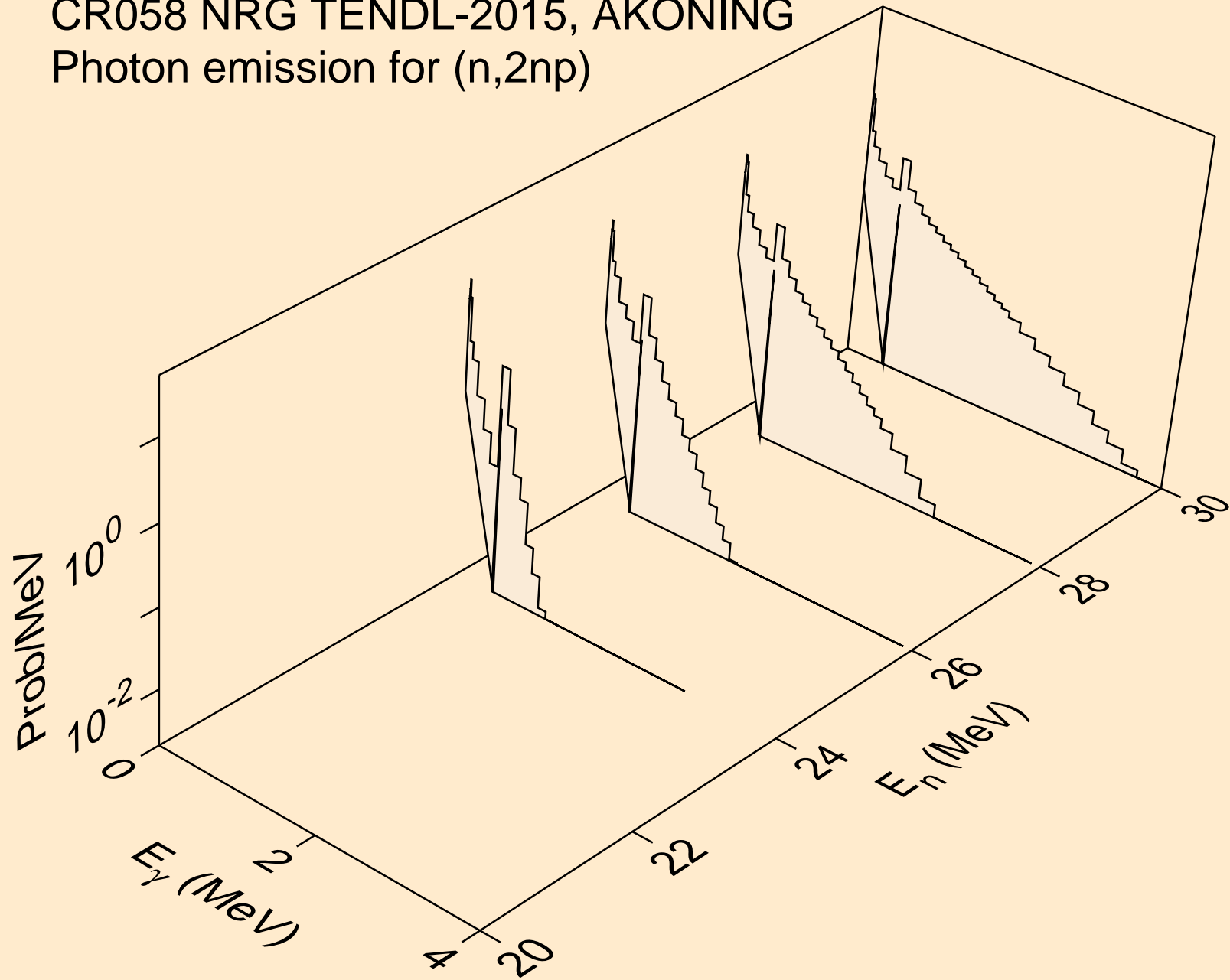
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



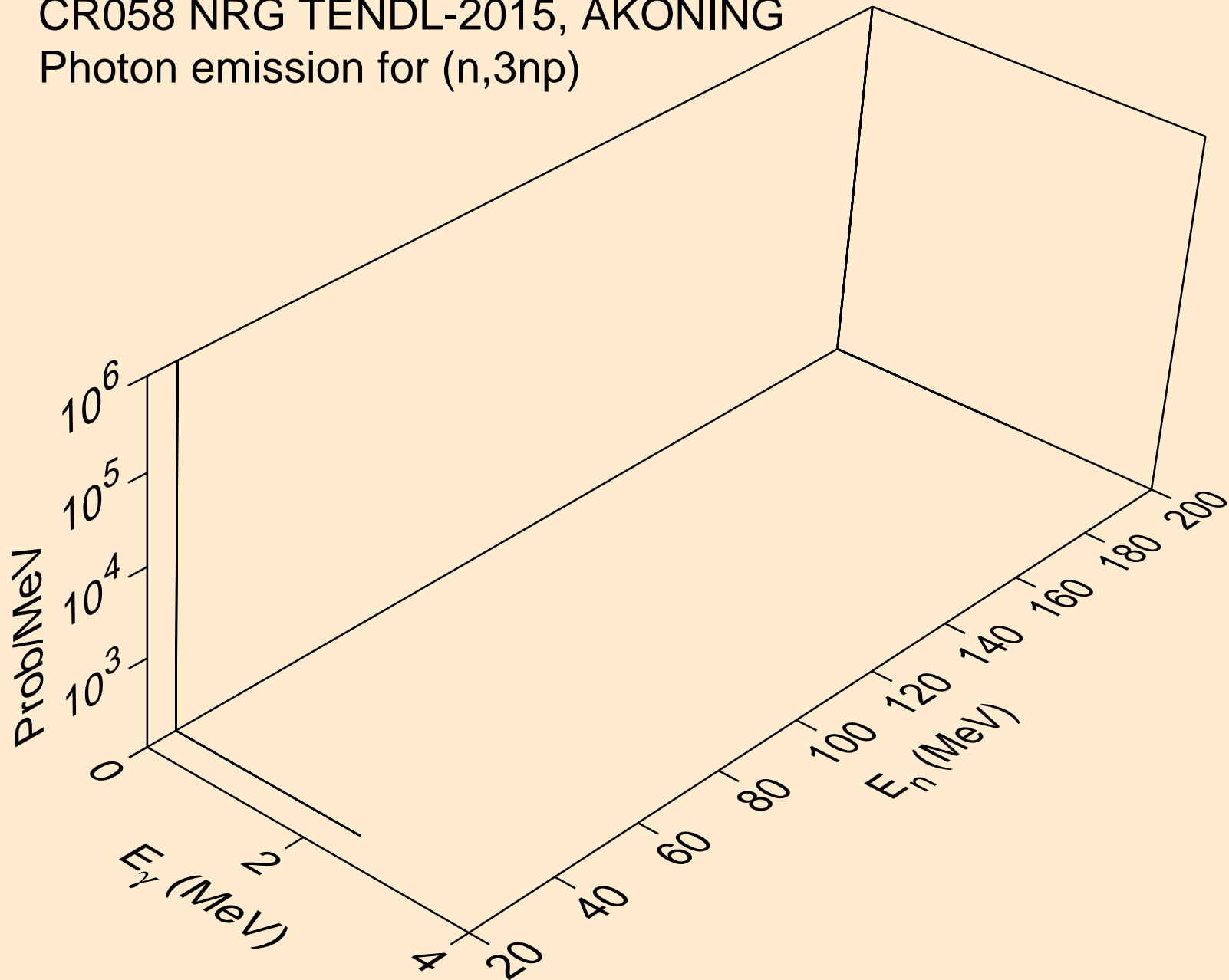
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



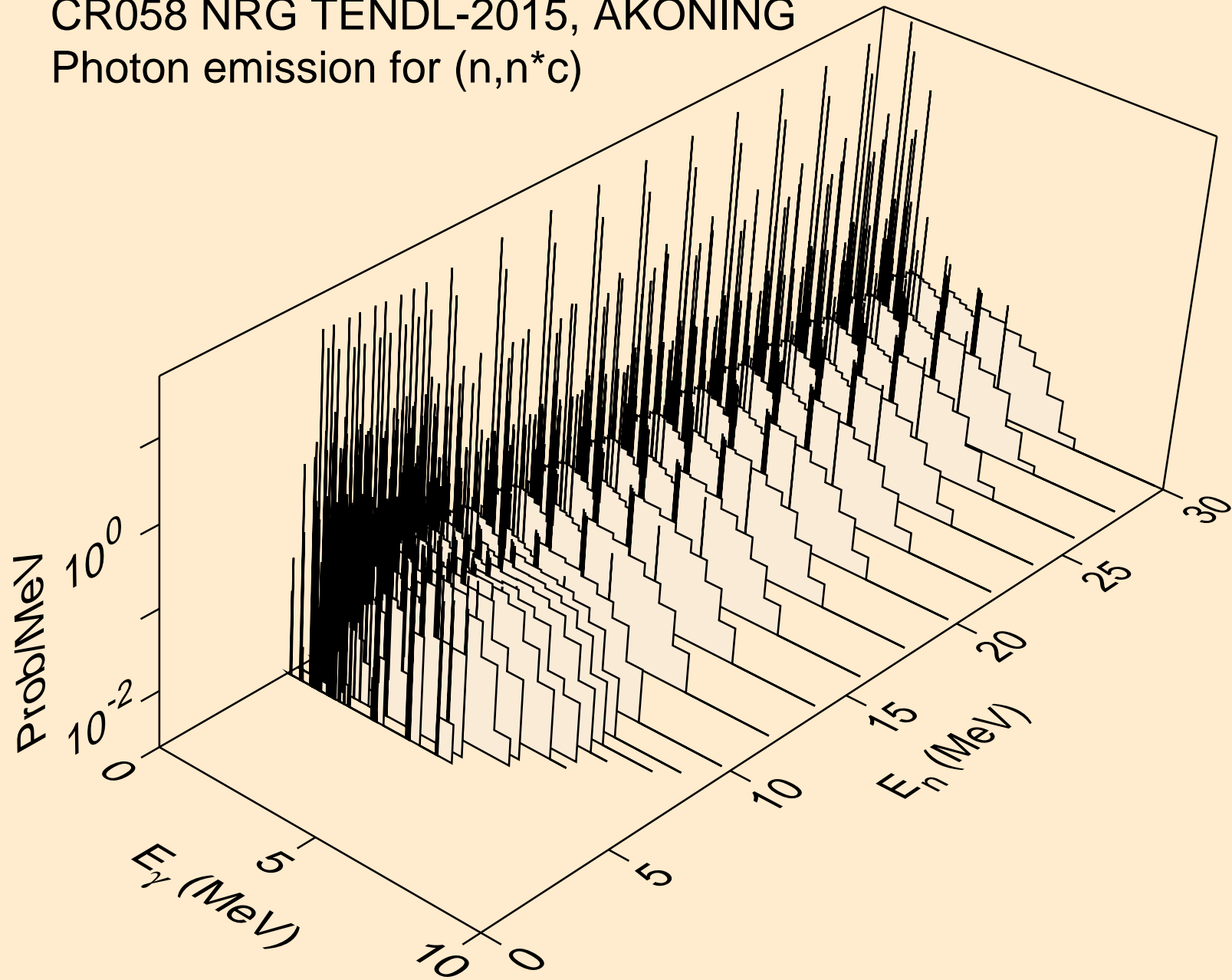
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



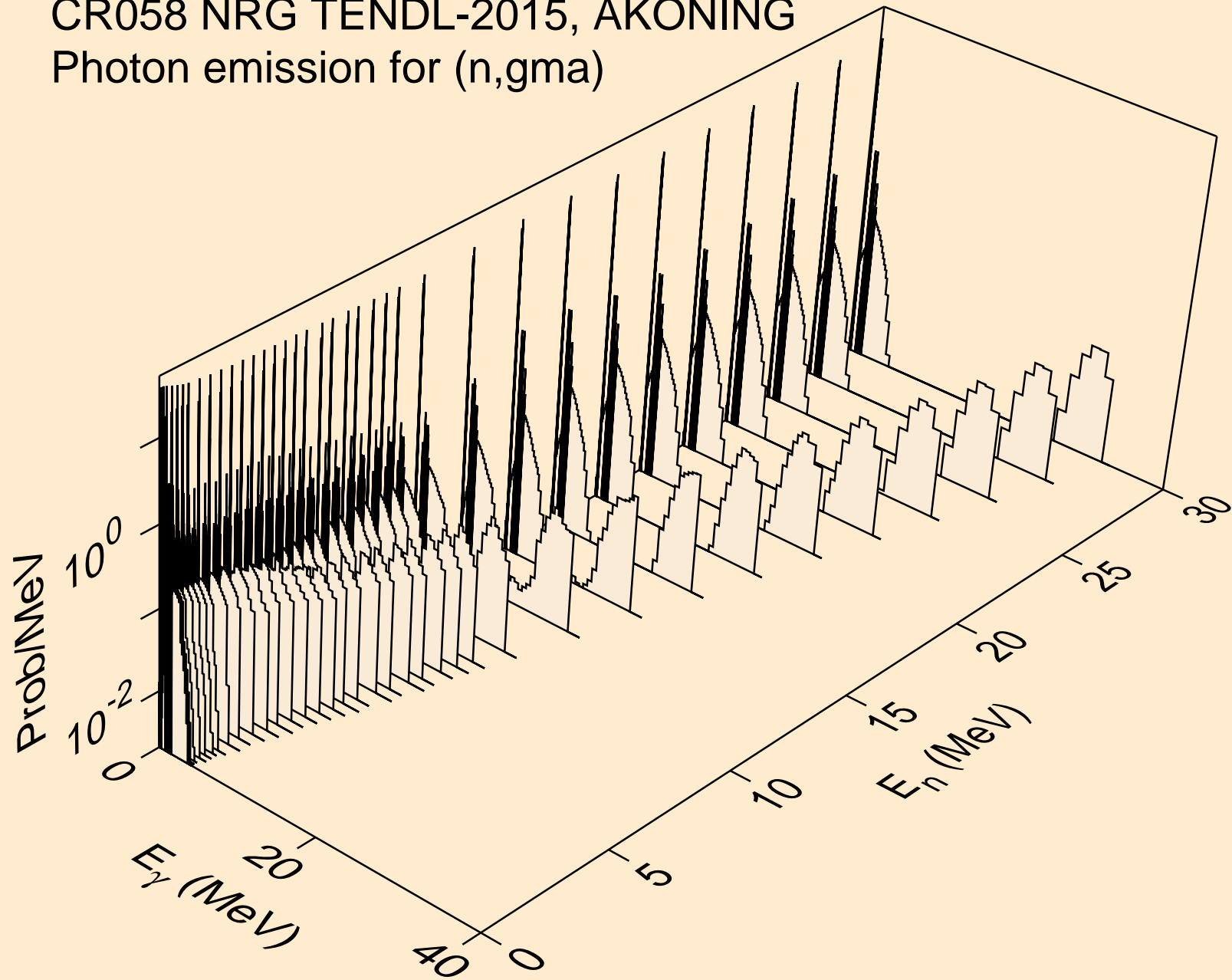
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



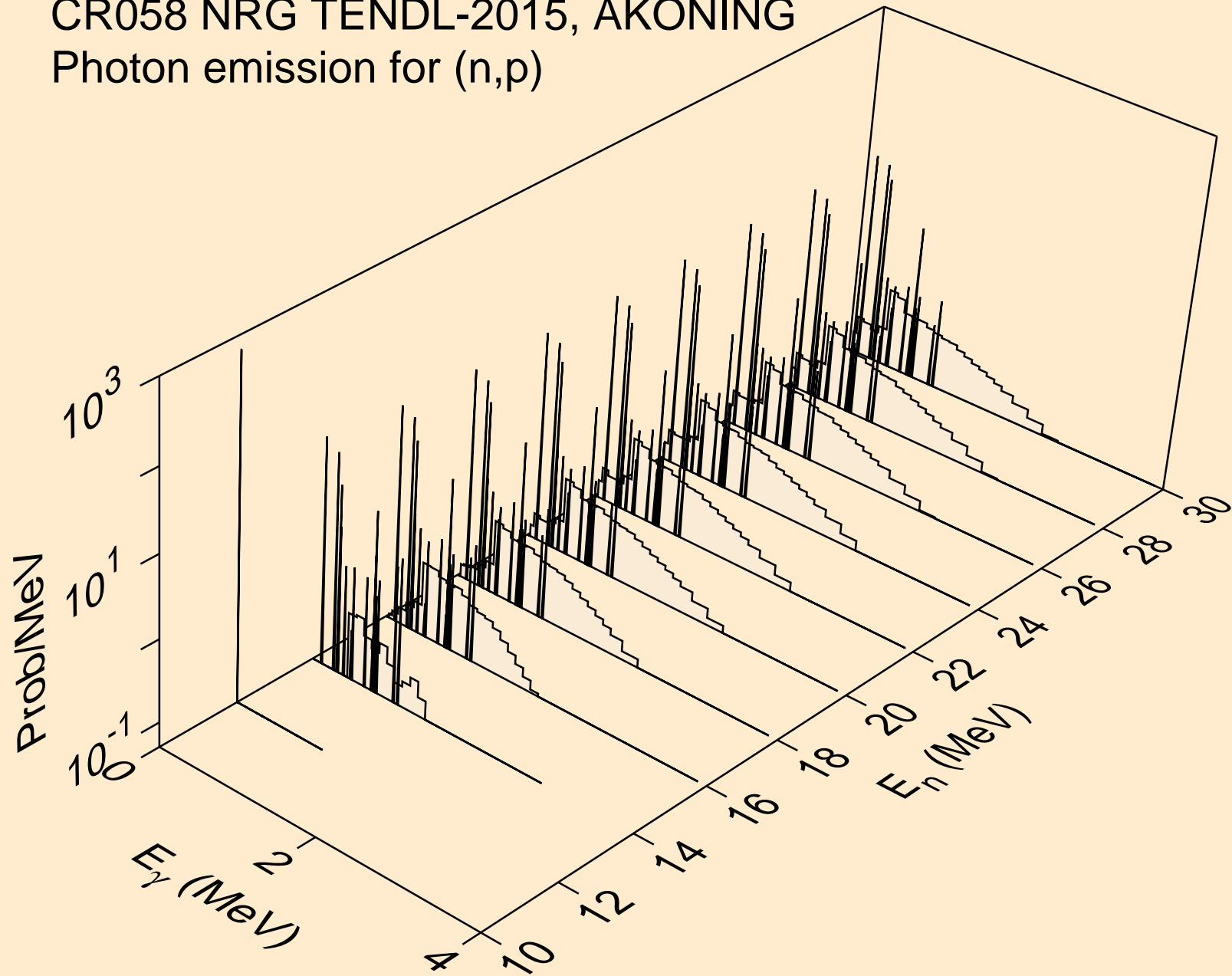
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

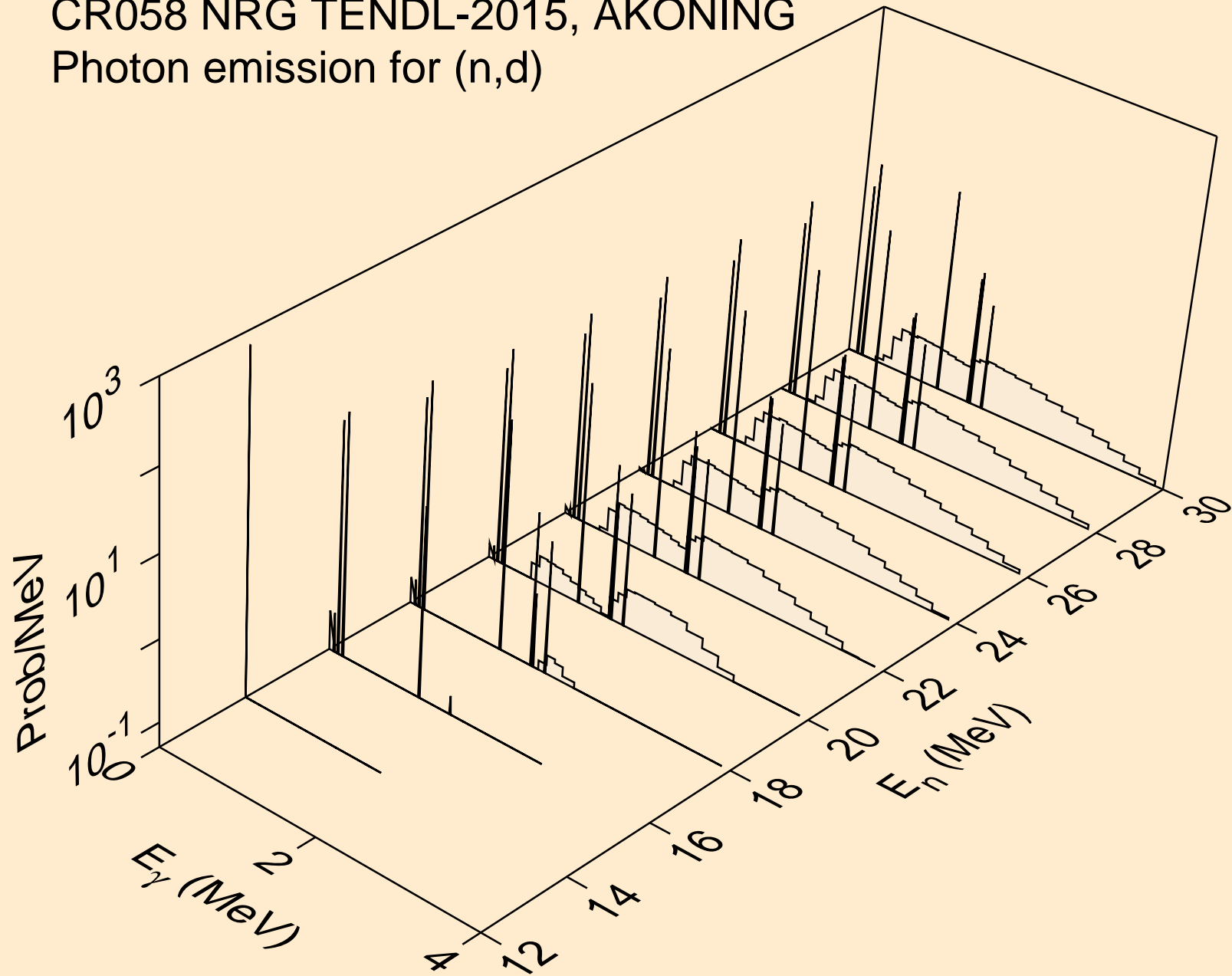


CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

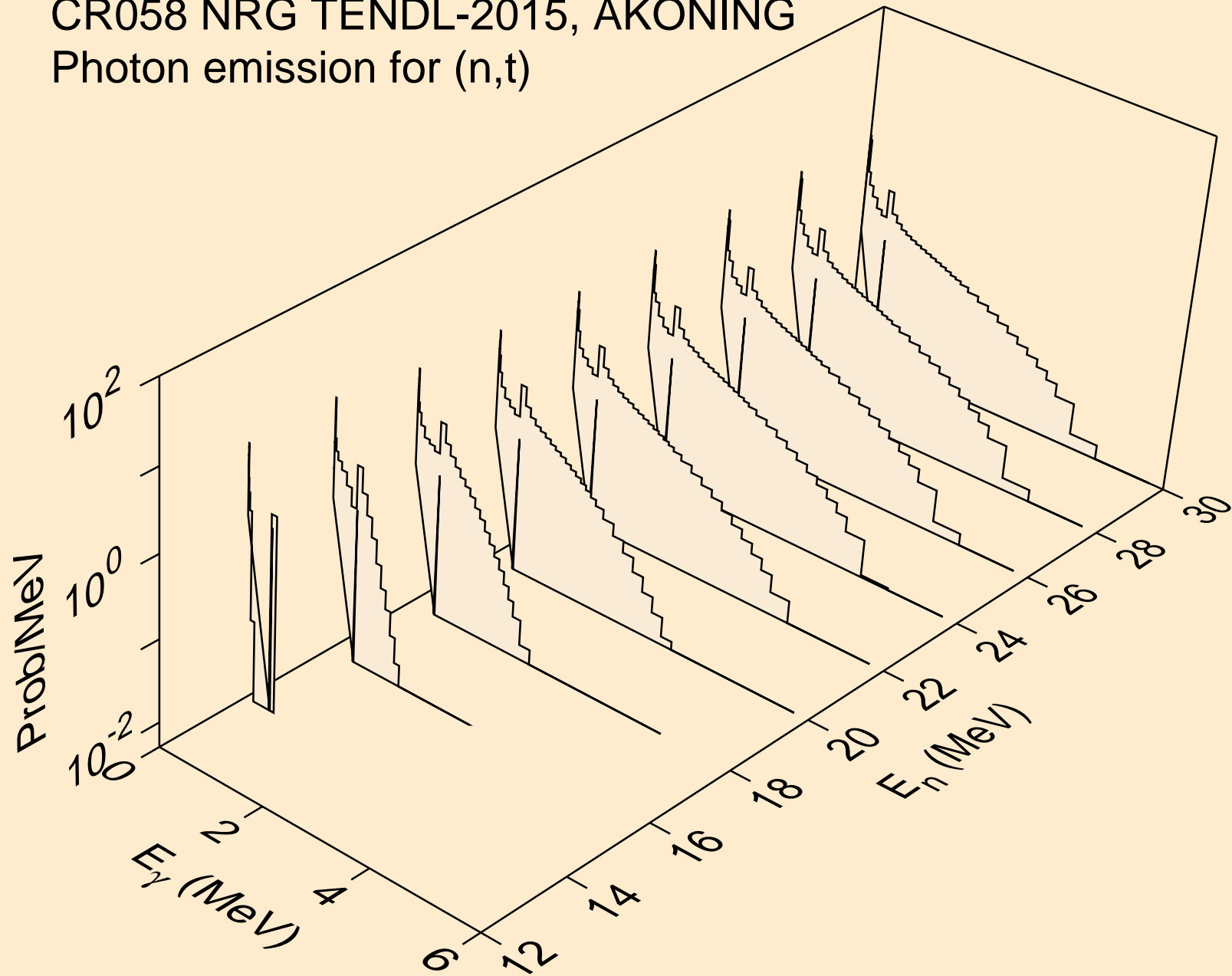




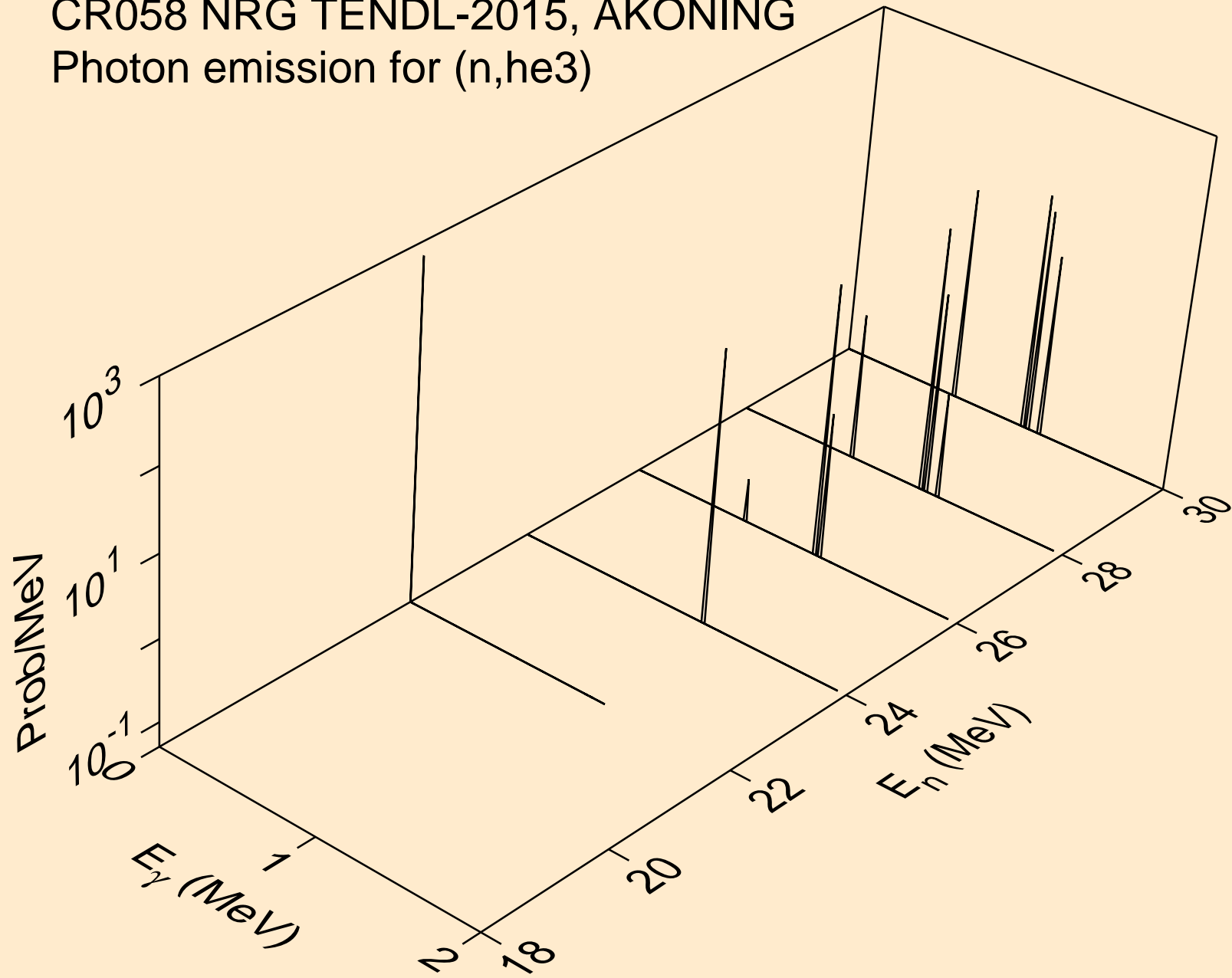
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



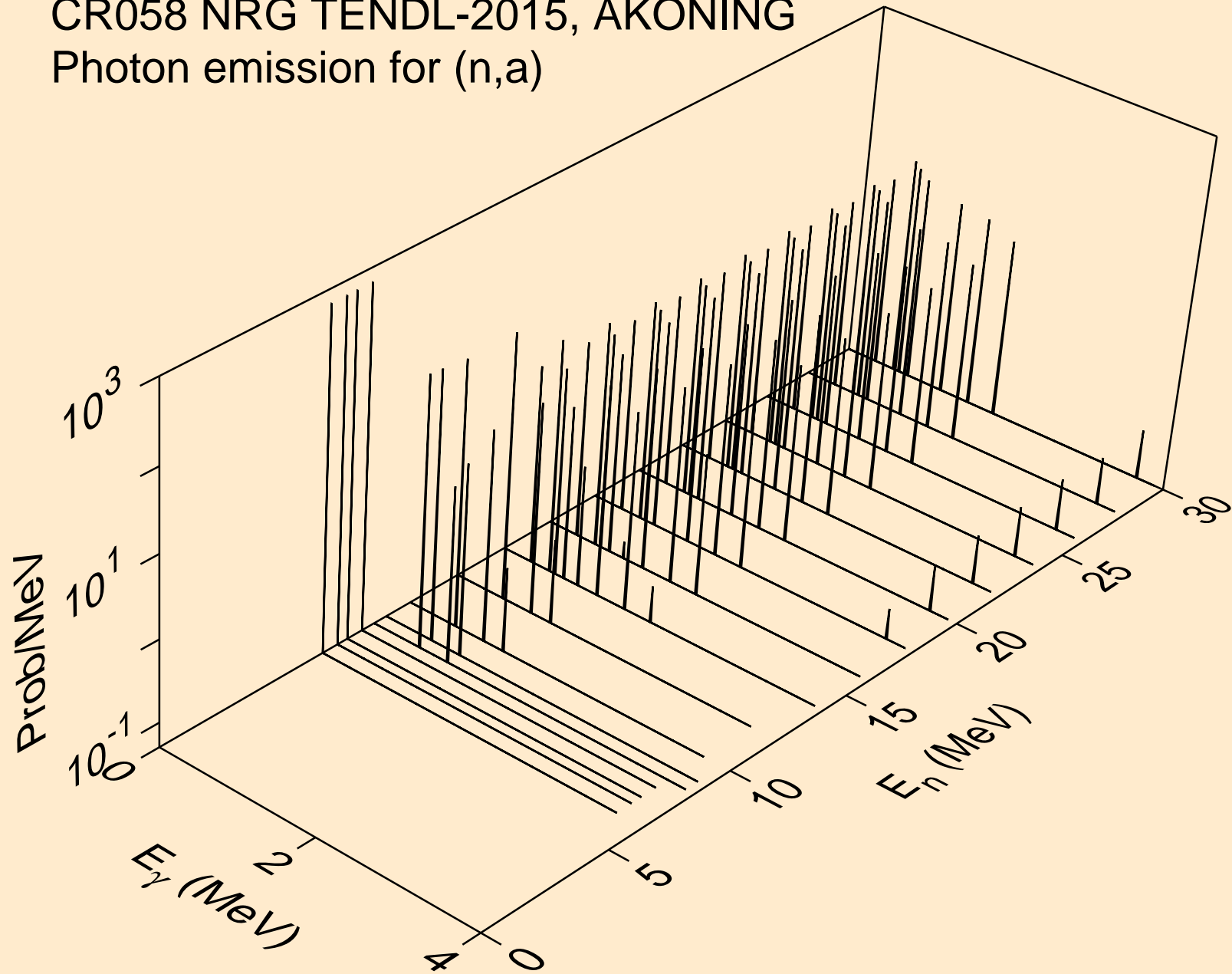
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



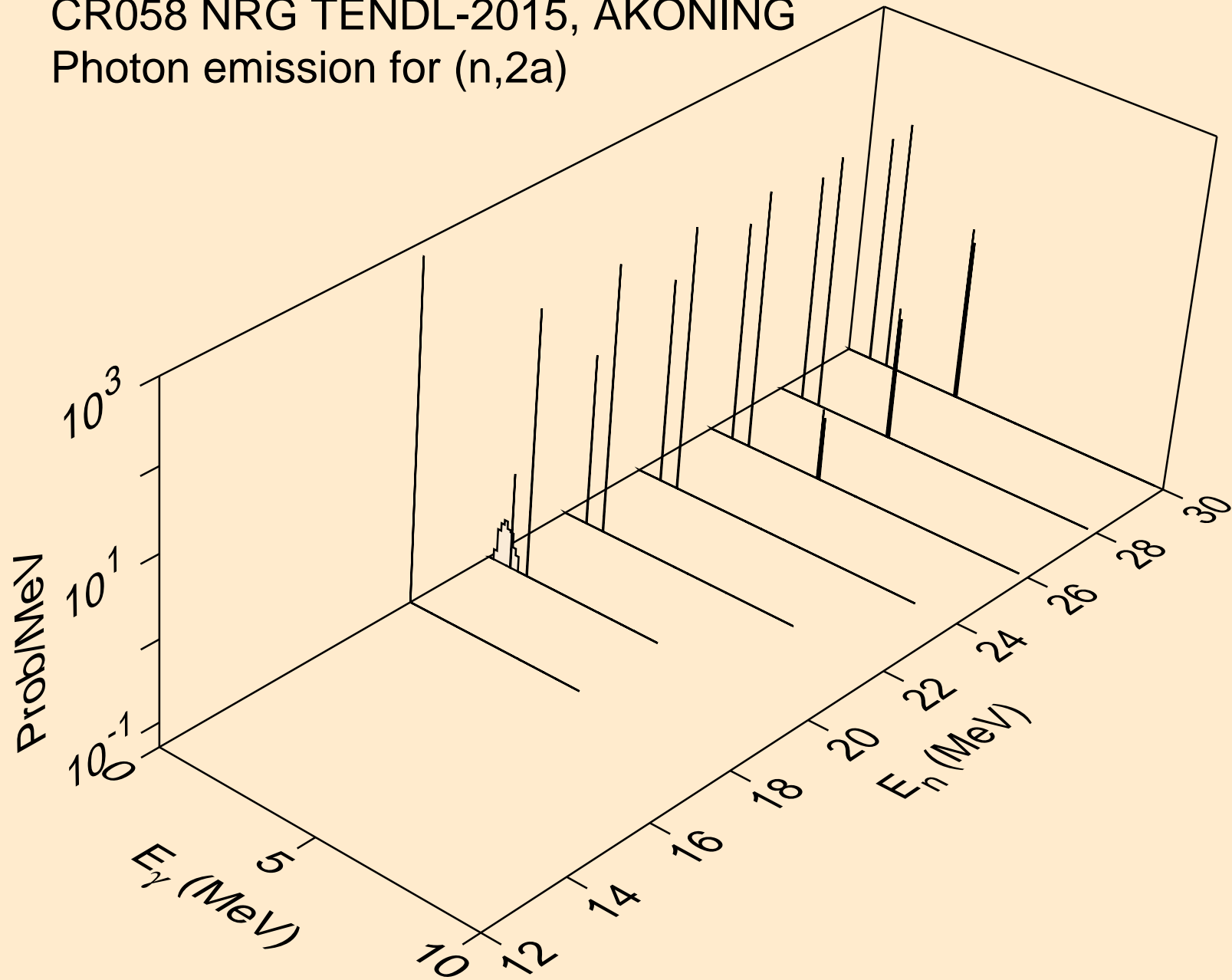
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



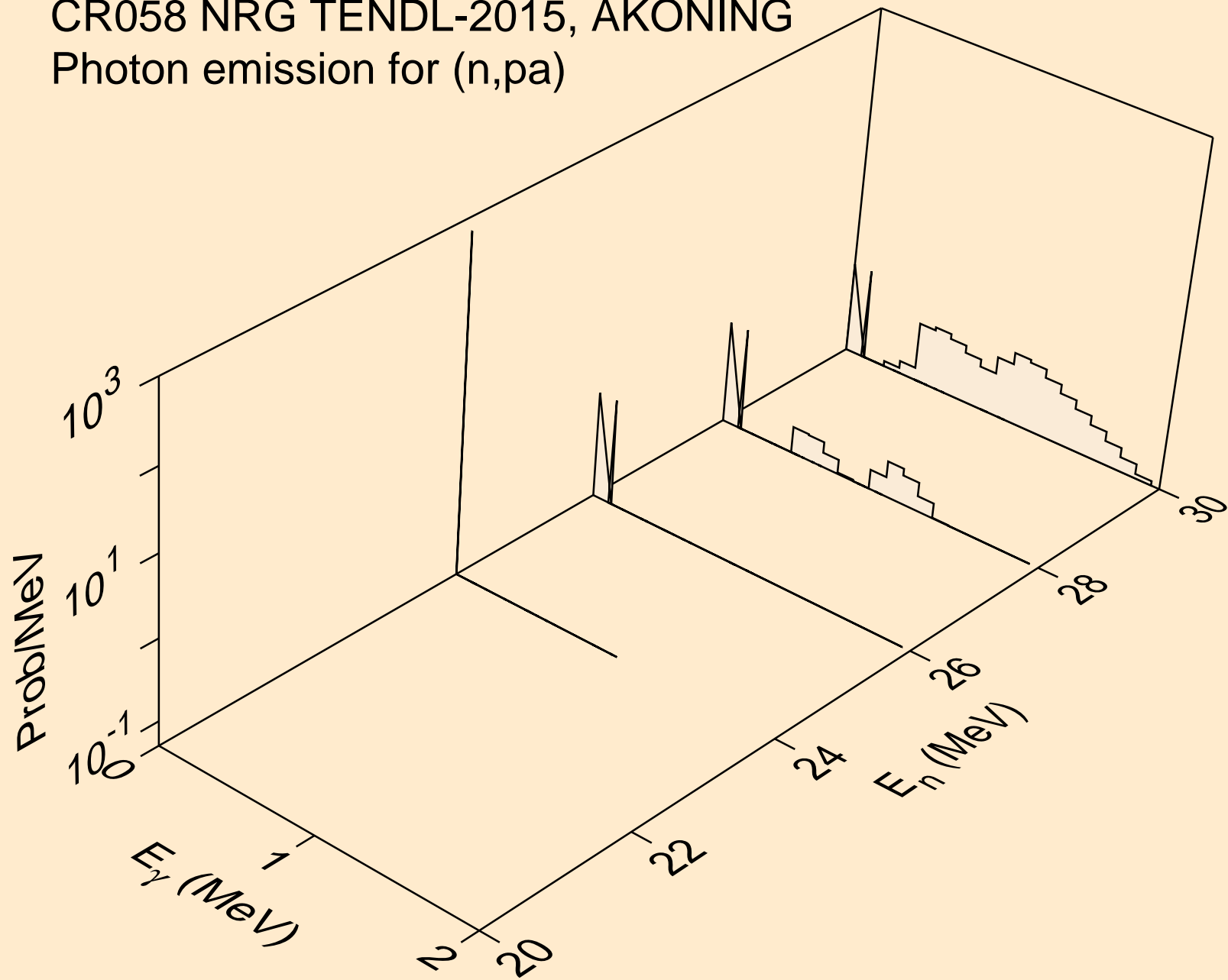
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



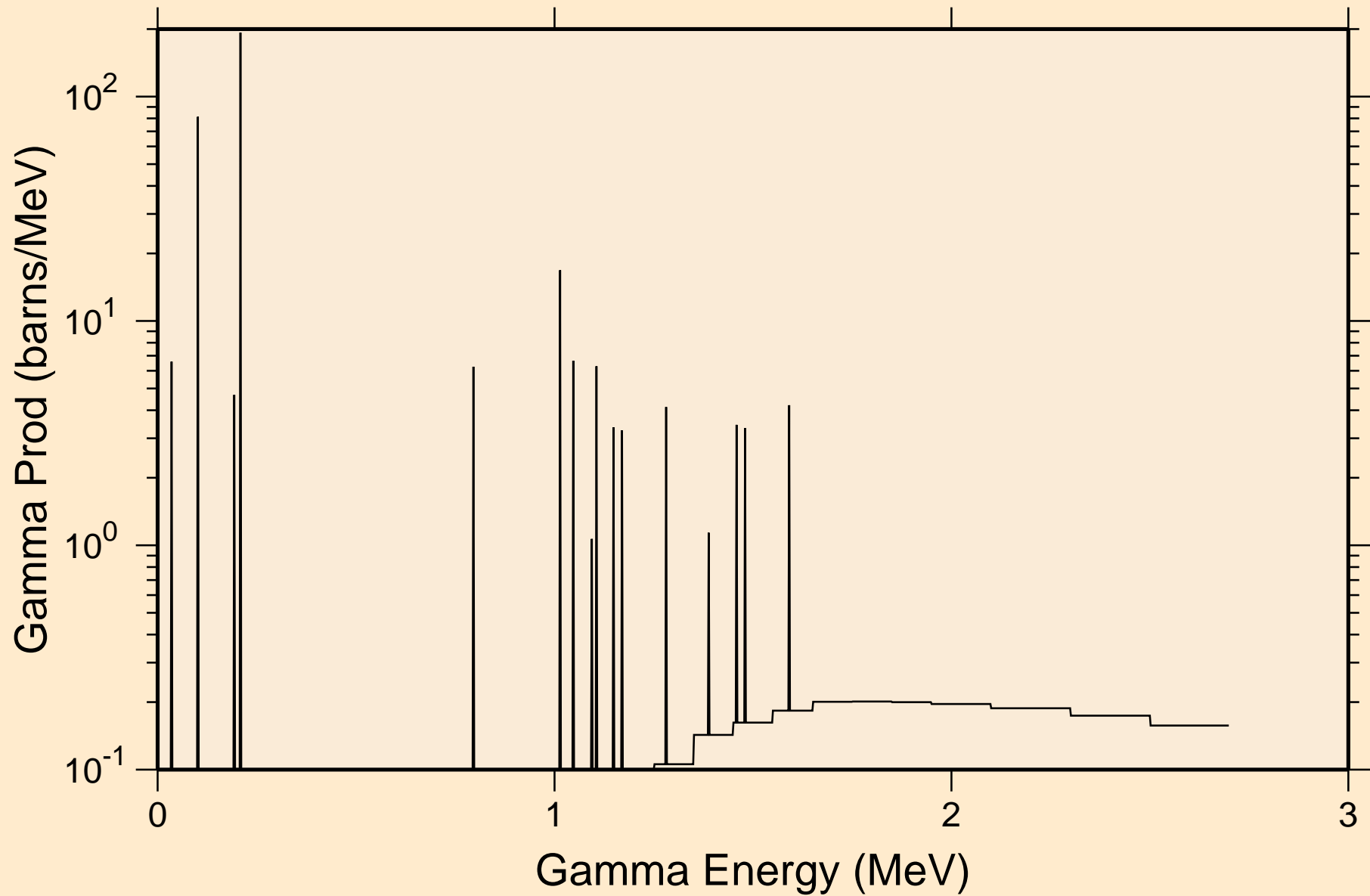
CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



CR058 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

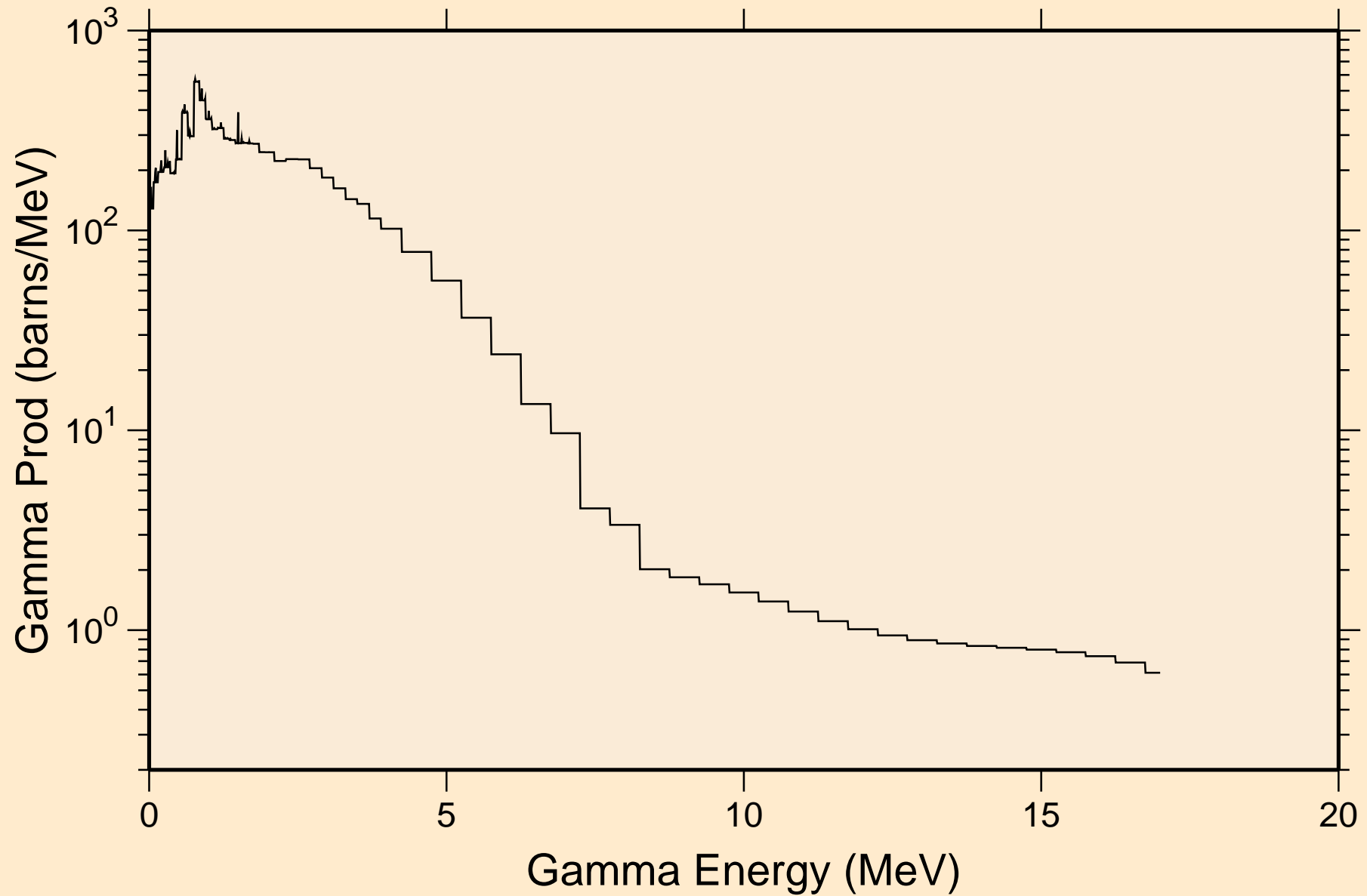


CR058 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



# CR058 NRG TENDL-2015, AKONING

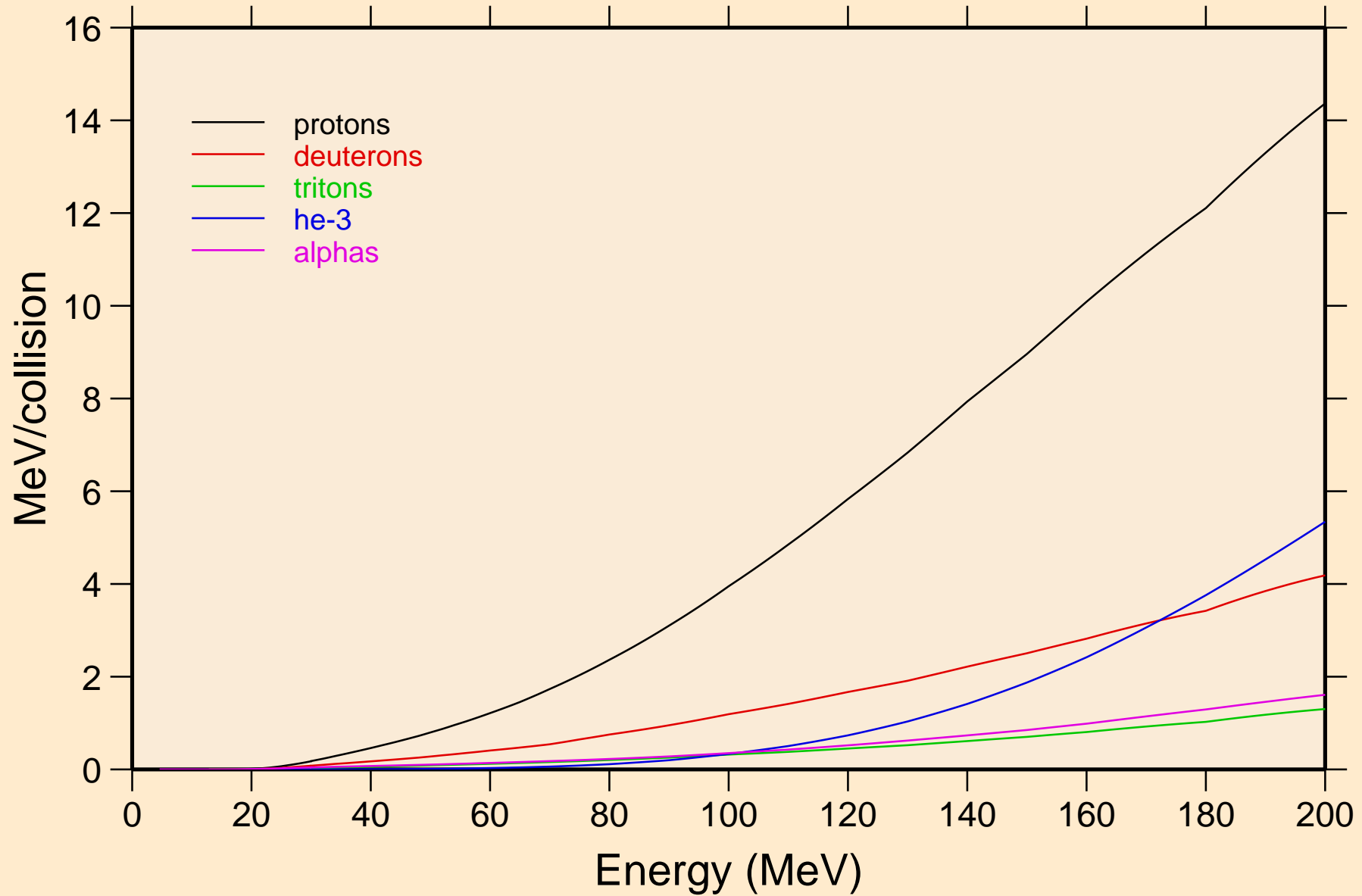
## 14 MeV photon spectrum





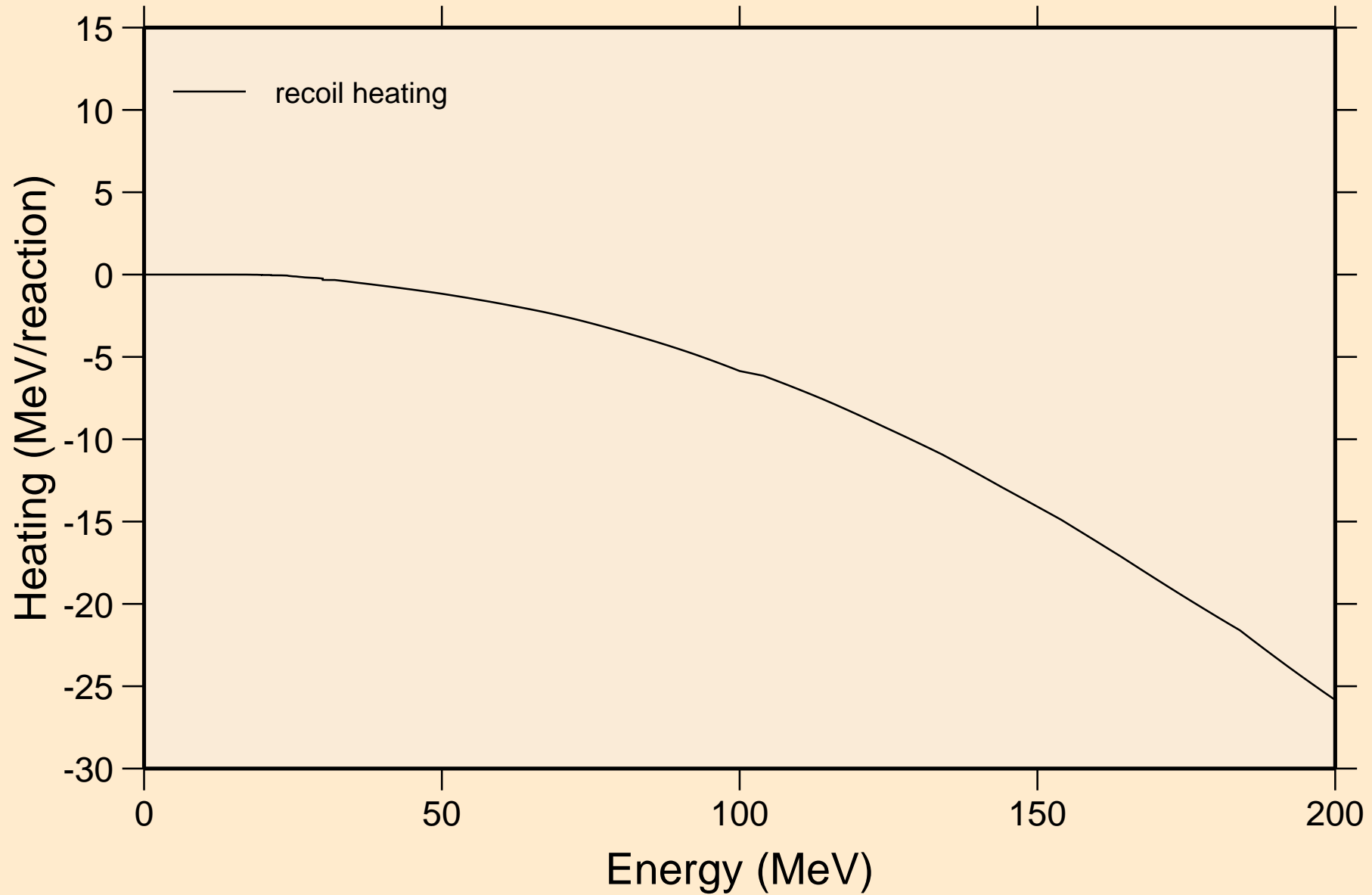
# CR058 NRG TENDL-2015, AKONING

## Particle heating contributions



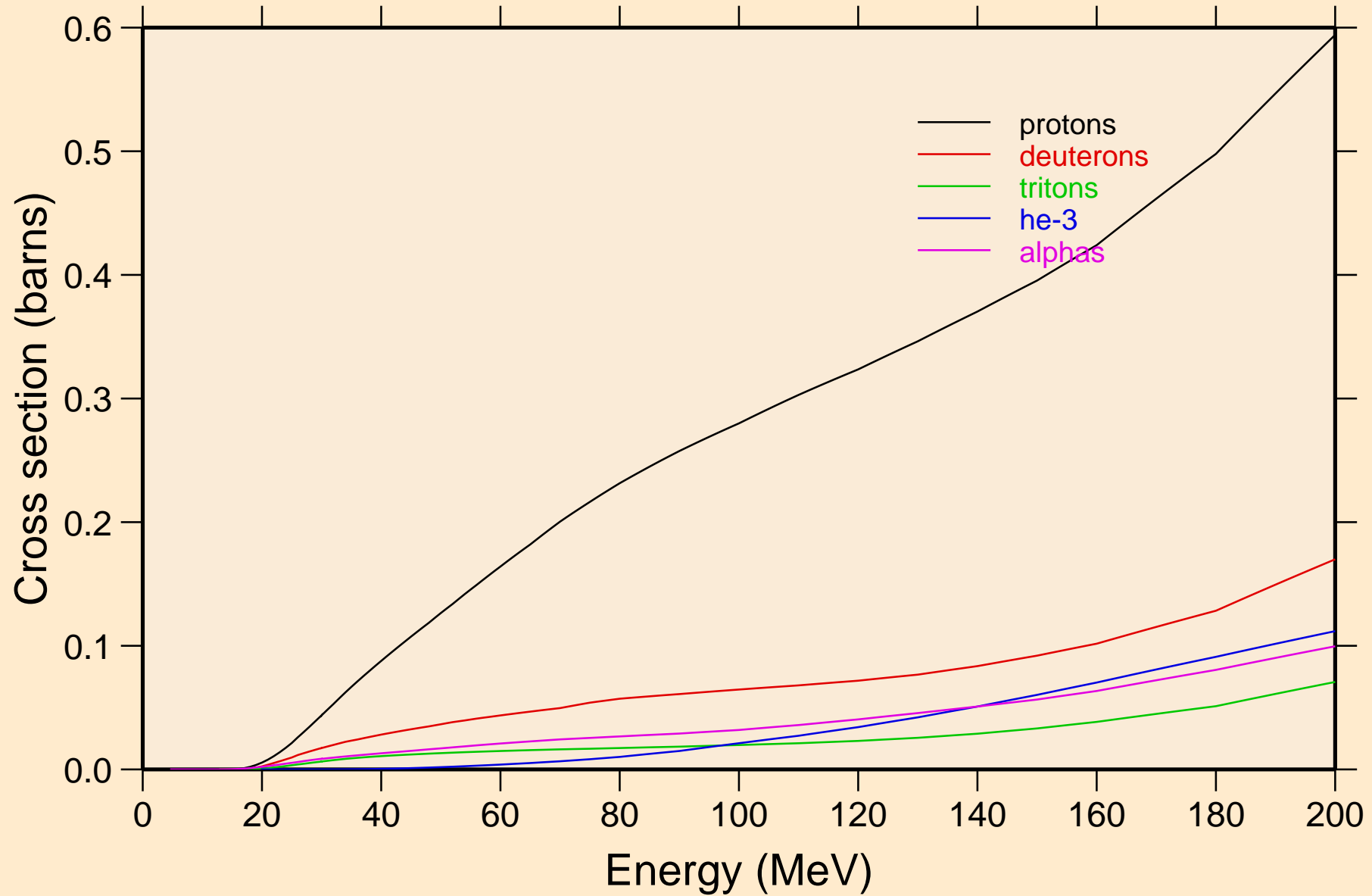
# CR058 NRG TENDL-2015, AKONING

## Recoil Heating

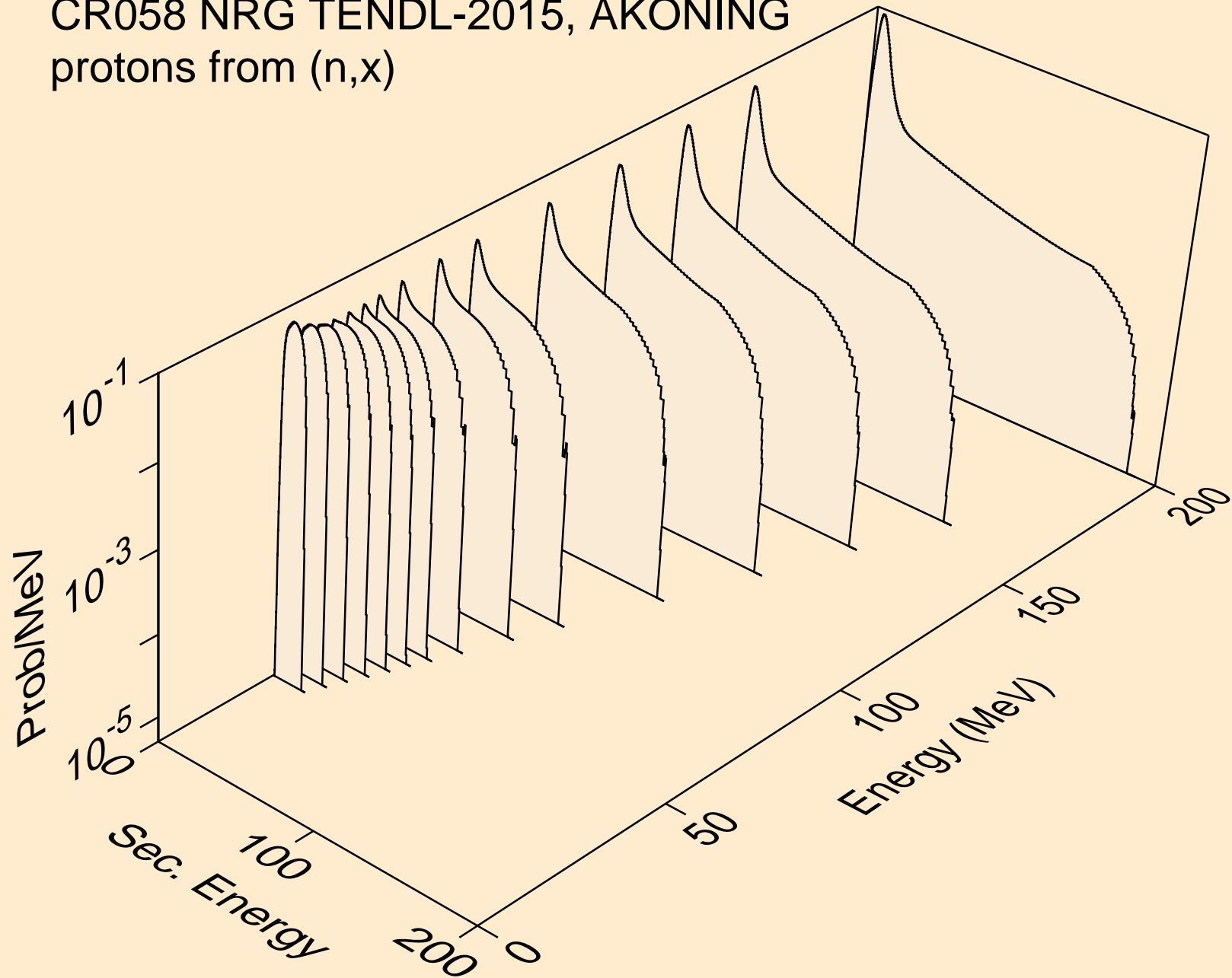


# CR058 NRG TENDL-2015, AKONING

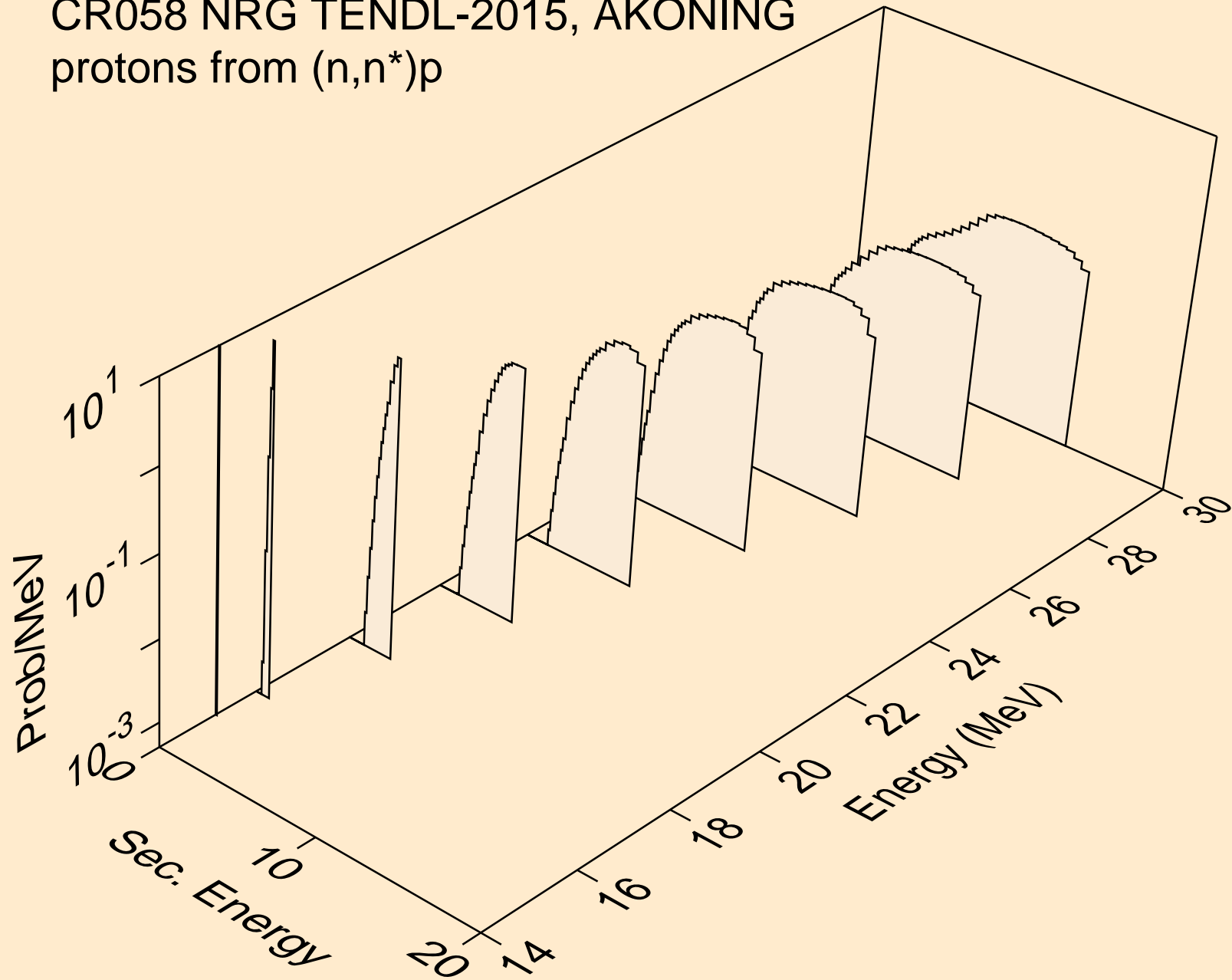
## Particle production cross sections



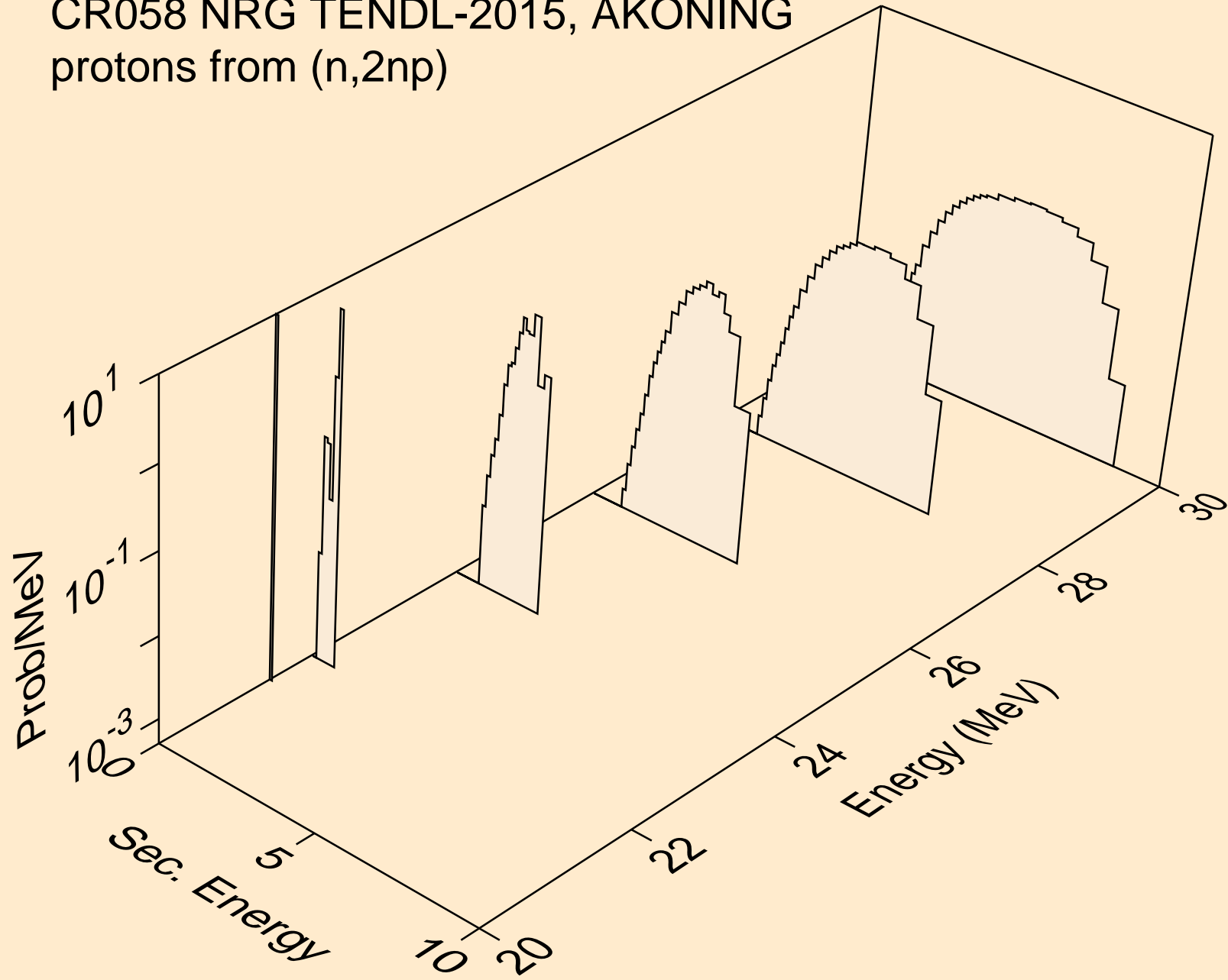
CR058 NRG TENDL-2015, AKONING  
protons from (n,x)



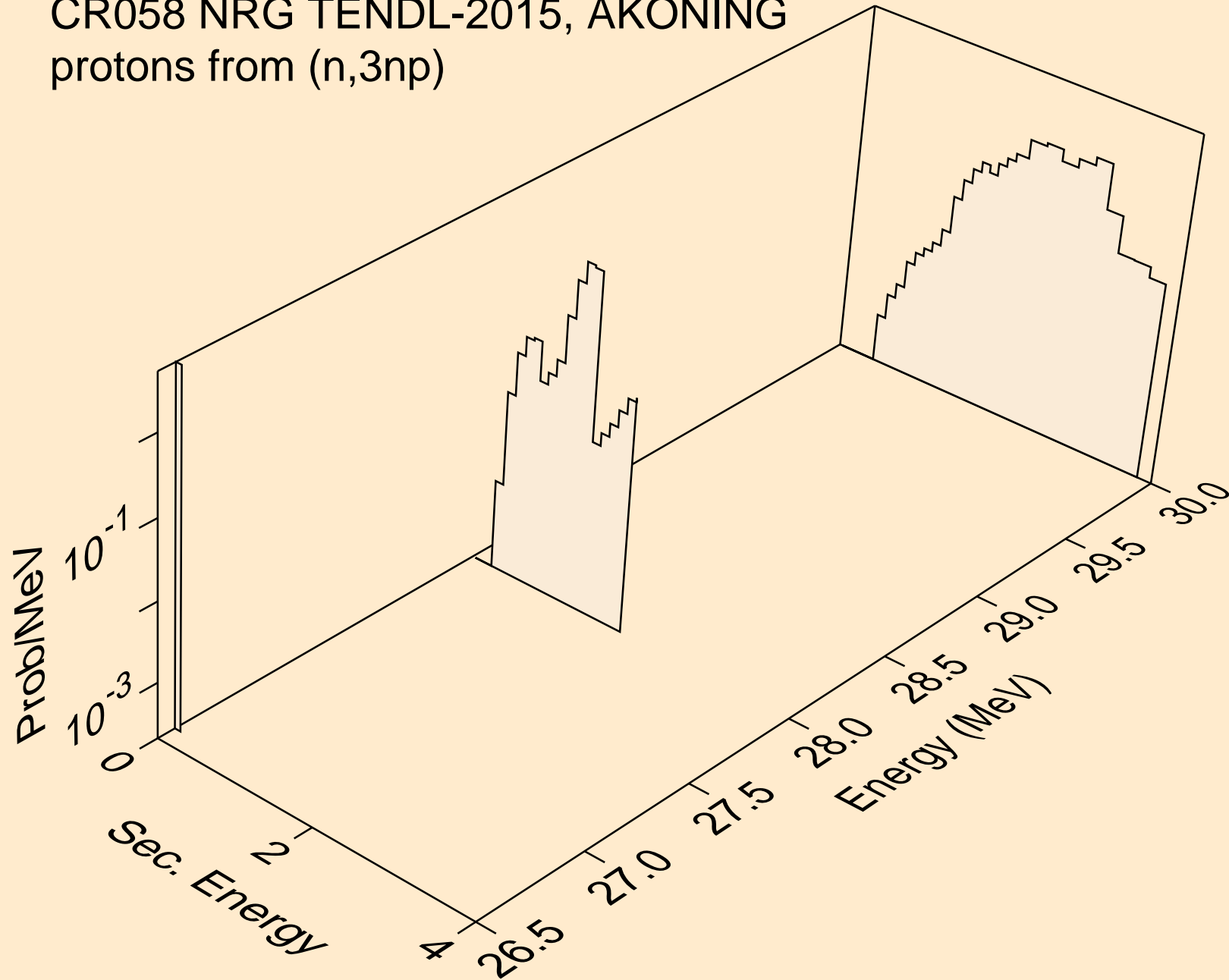
CR058 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



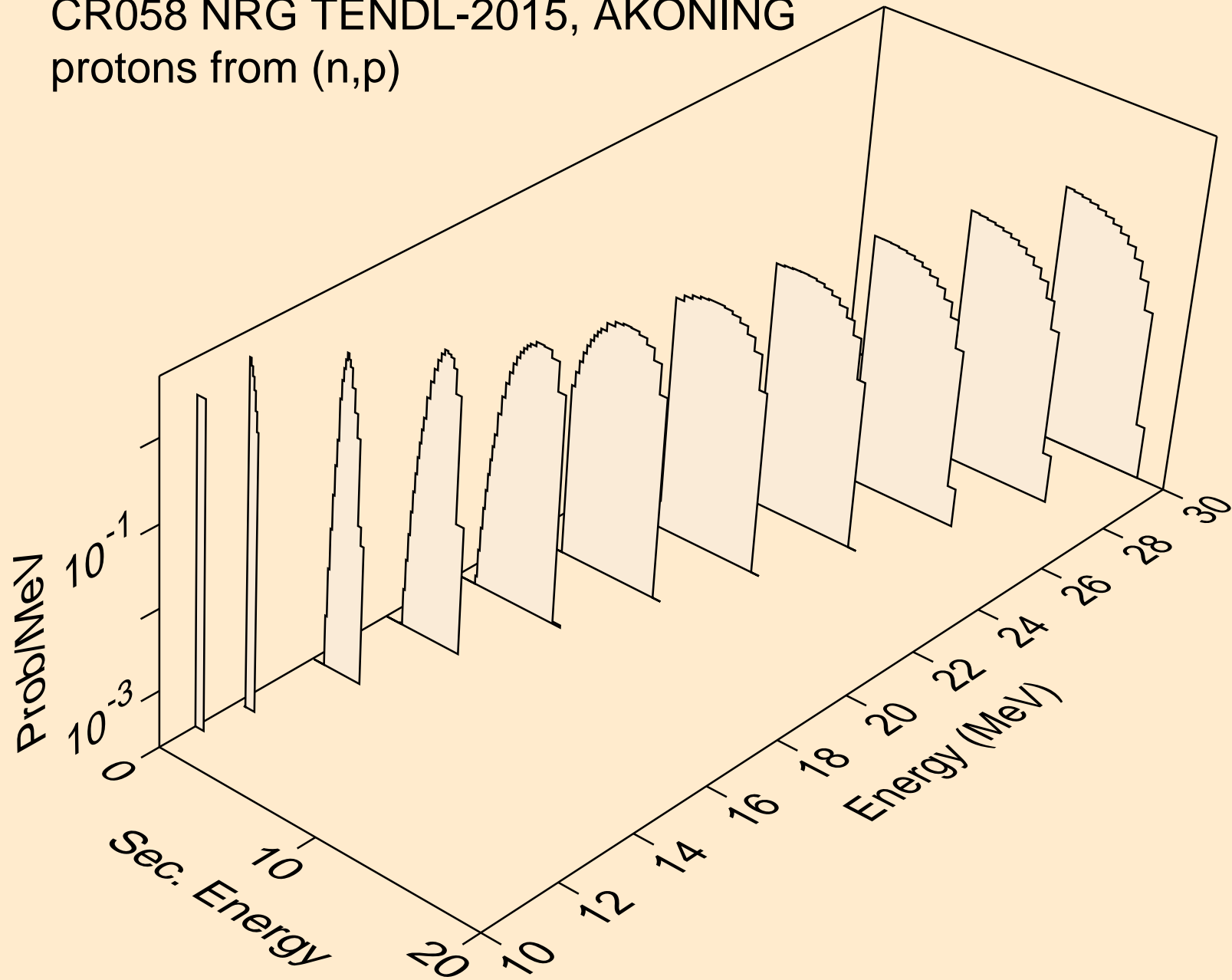
CR058 NRG TENDL-2015, AKONING  
protons from (n,2np)



CR058 NRG TENDL-2015, AKONING  
protons from (n,3np)

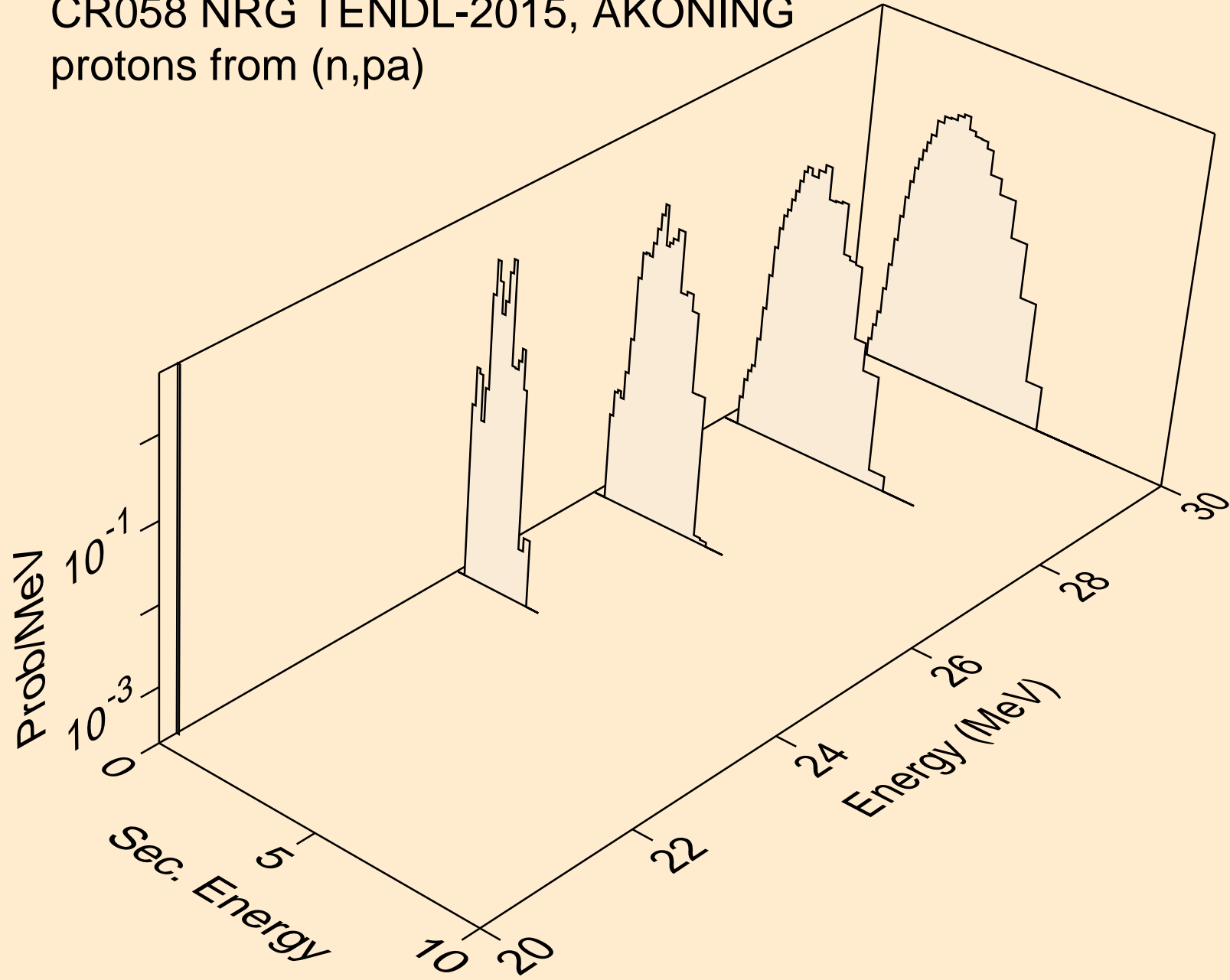


CR058 NRG TENDL-2015, AKONING  
protons from (n,p)

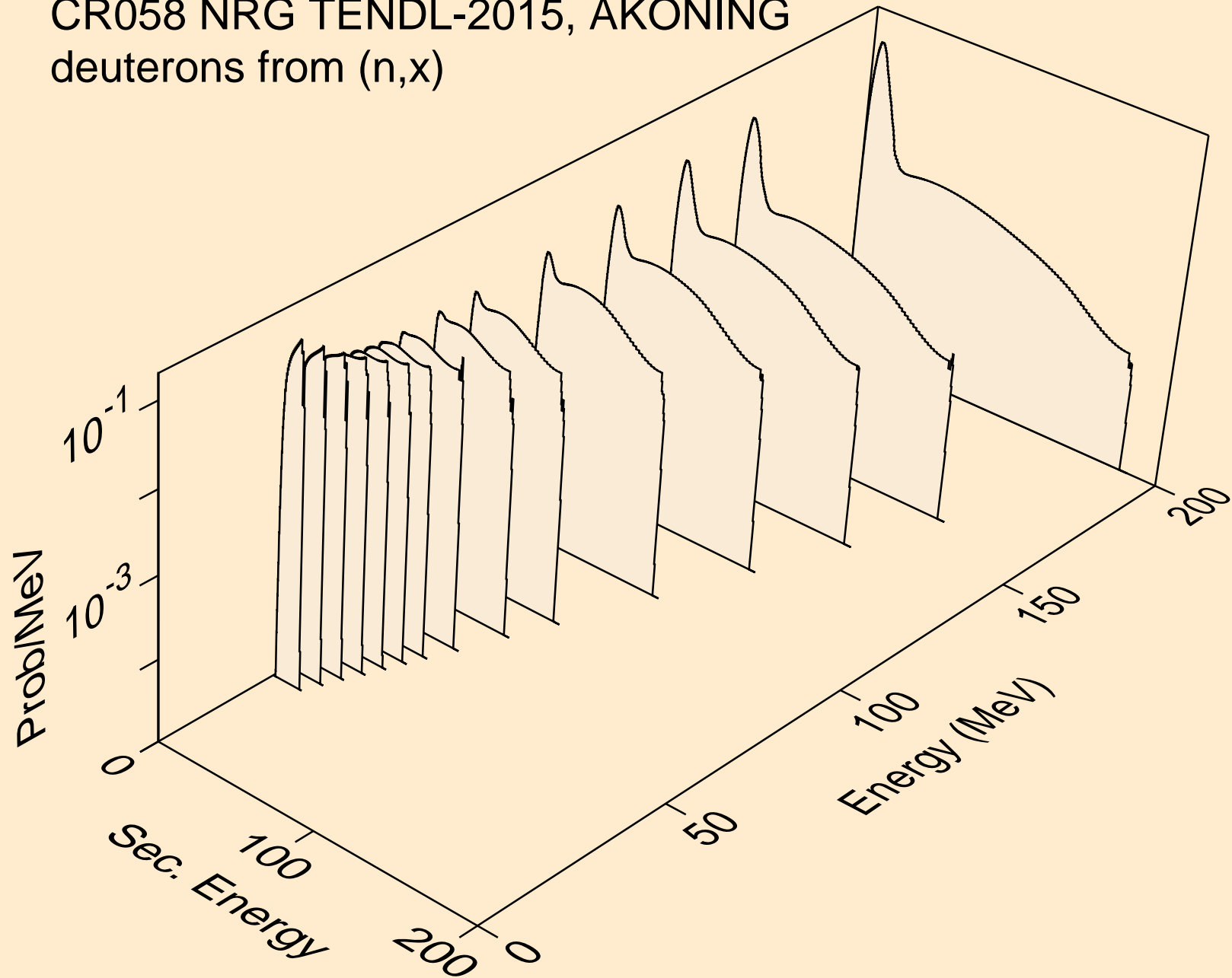




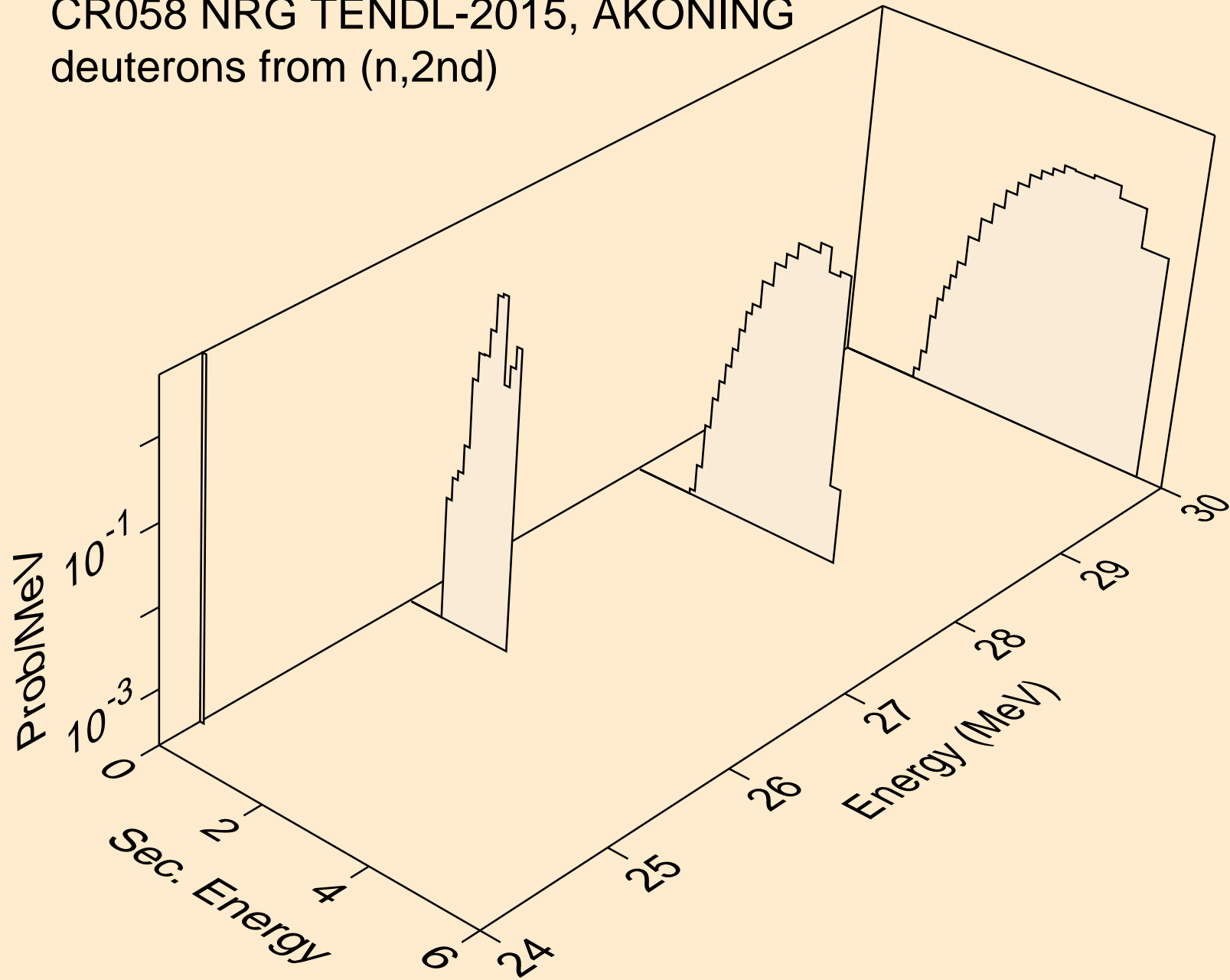
CR058 NRG TENDL-2015, AKONING  
protons from (n,pa)



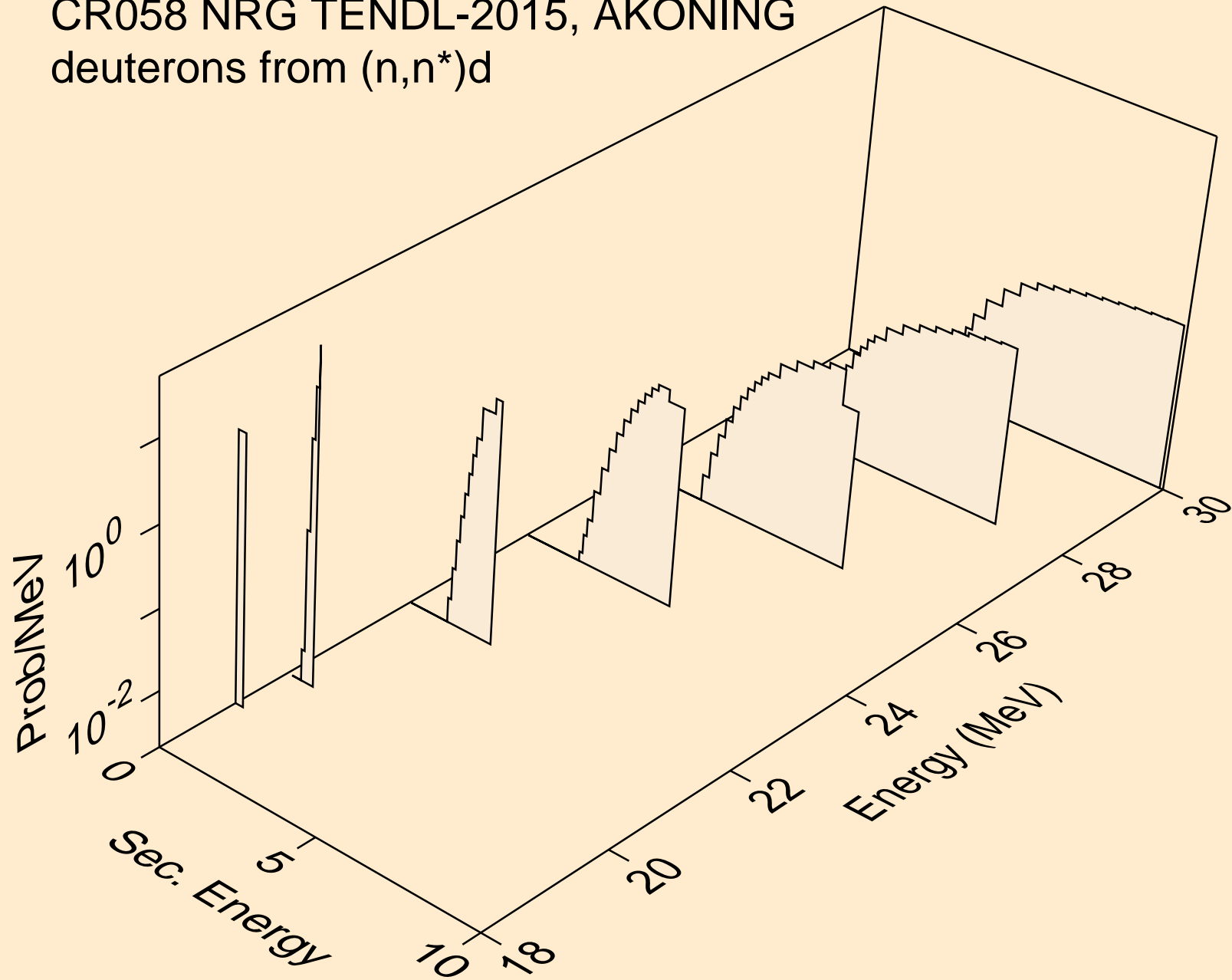
CR058 NRG TENDL-2015, AKONING  
deuterons from (n,x)



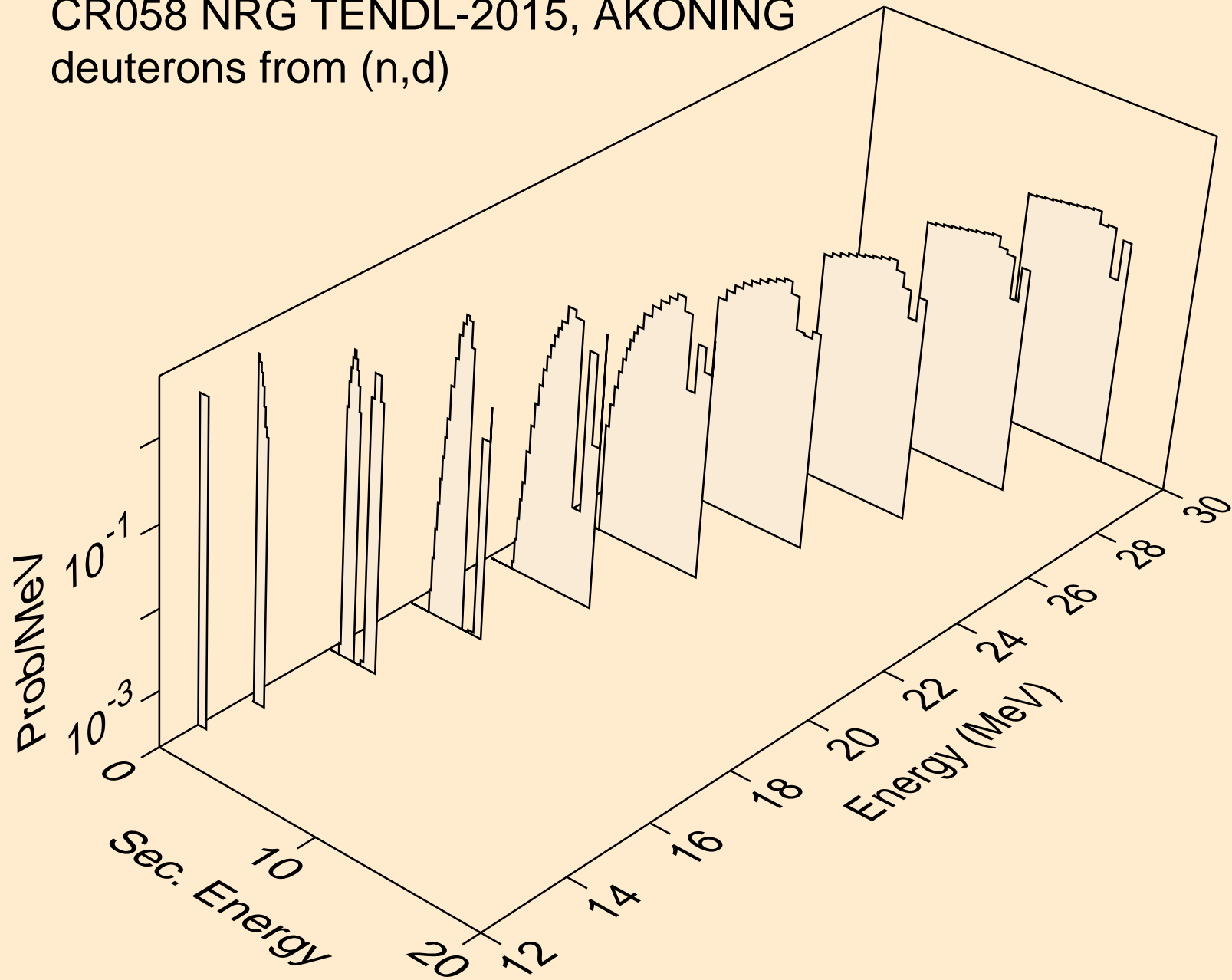
CR058 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



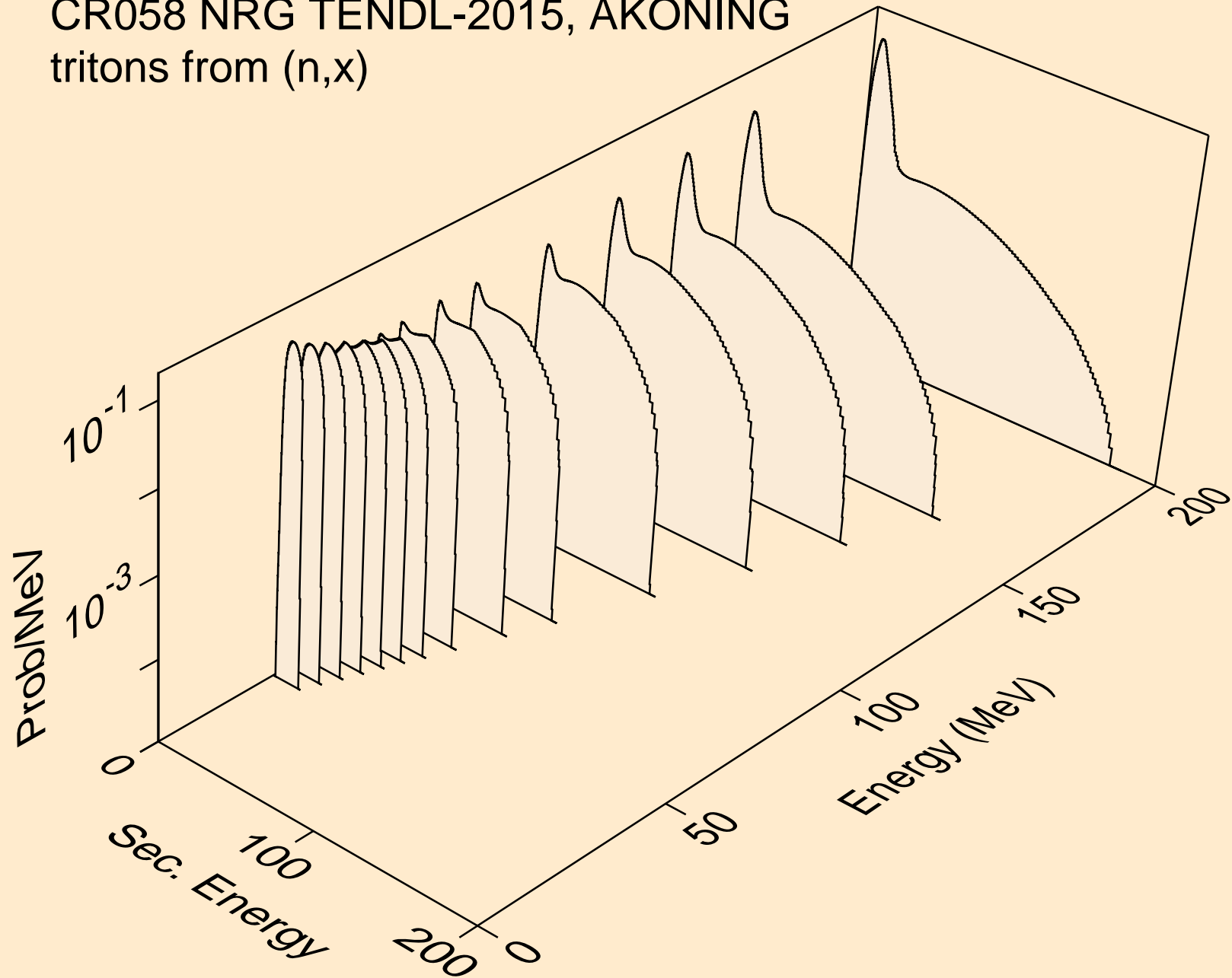
CR058 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



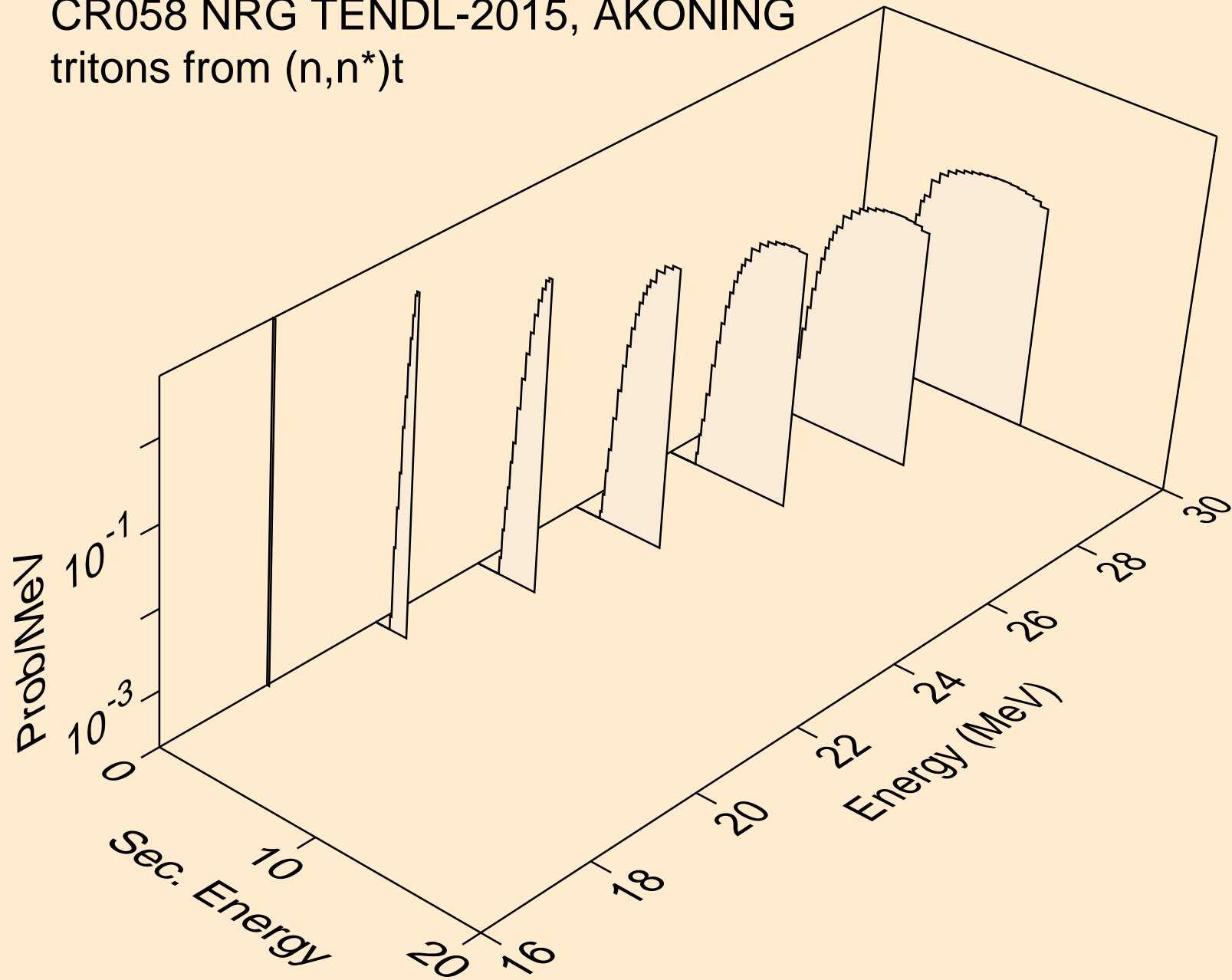
CR058 NRG TENDL-2015, AKONING  
deuterons from (n,d)



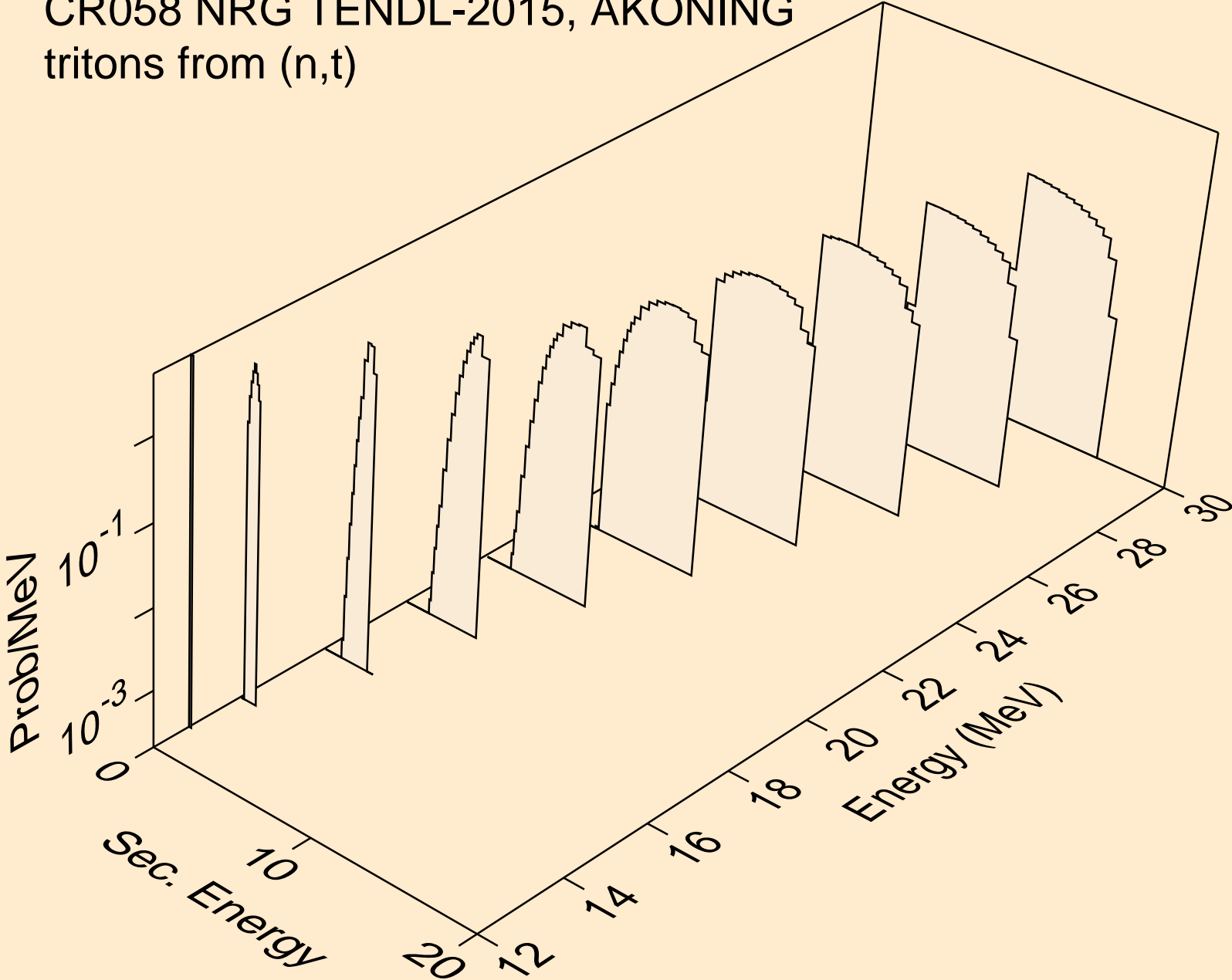
CR058 NRG TENDL-2015, AKONING  
tritons from (n,x)



CR058 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

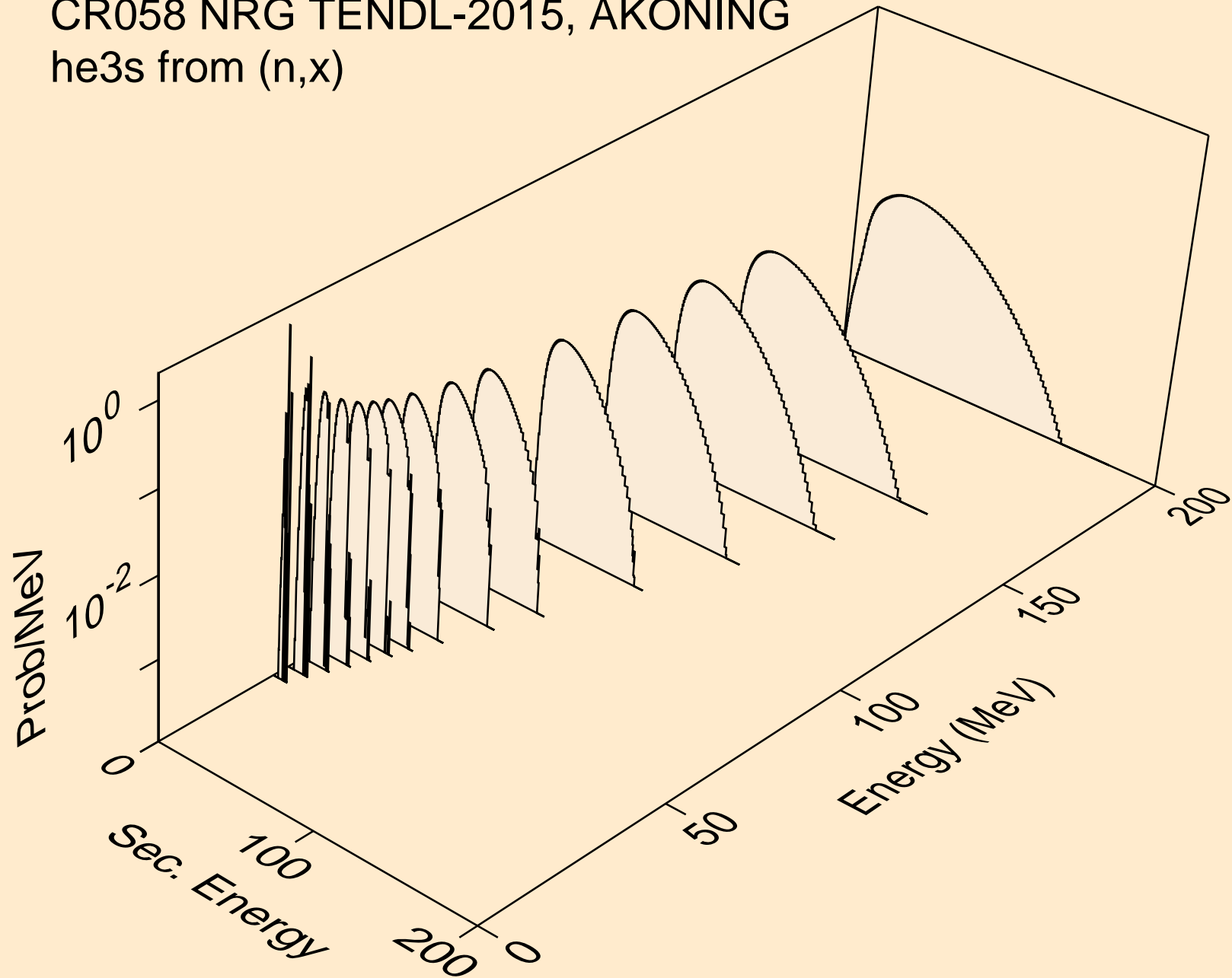


CR058 NRG TENDL-2015, AKONING  
tritons from (n,t)

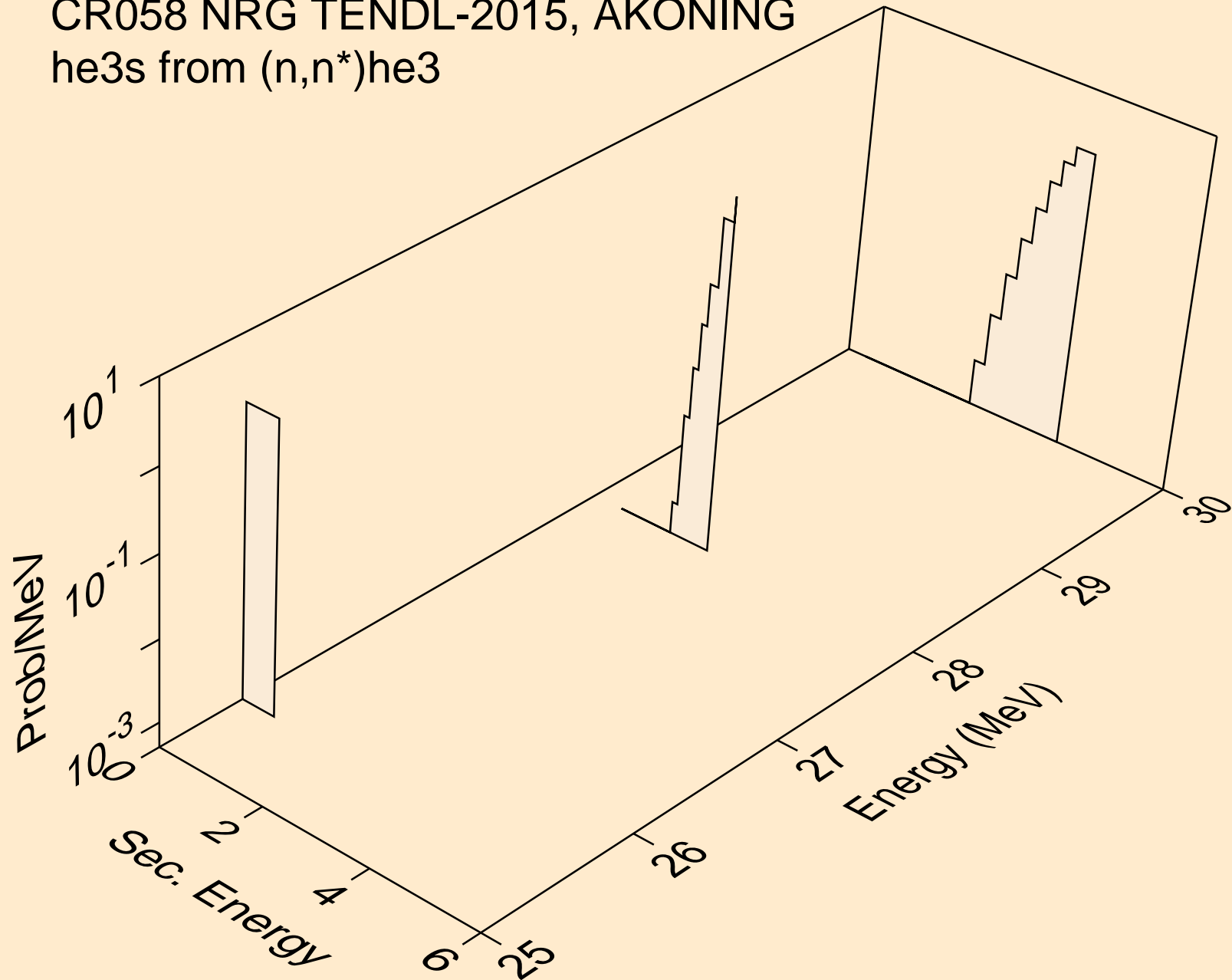




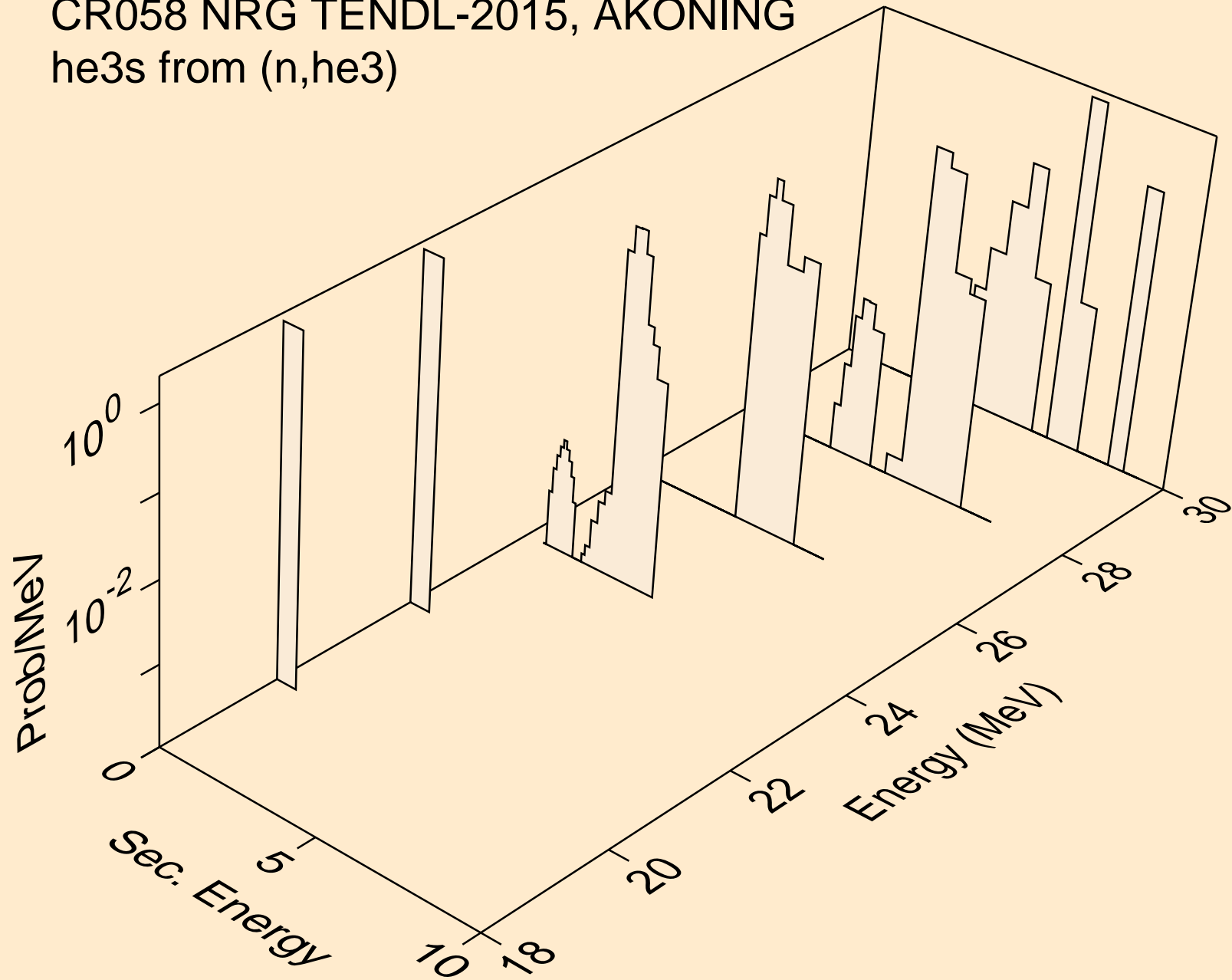
CR058 NRG TENDL-2015, AKONING  
he3s from (n,x)



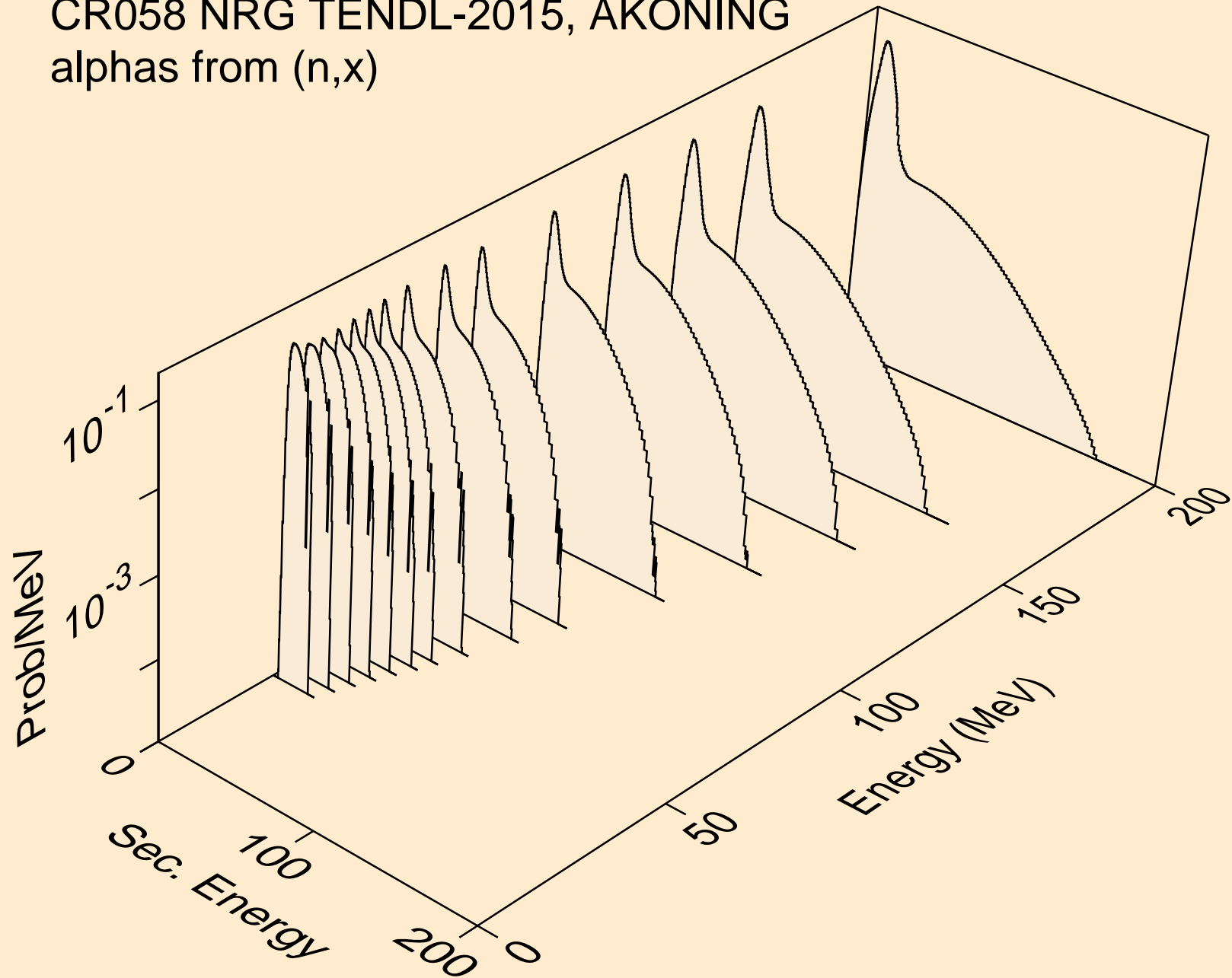
CR058 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



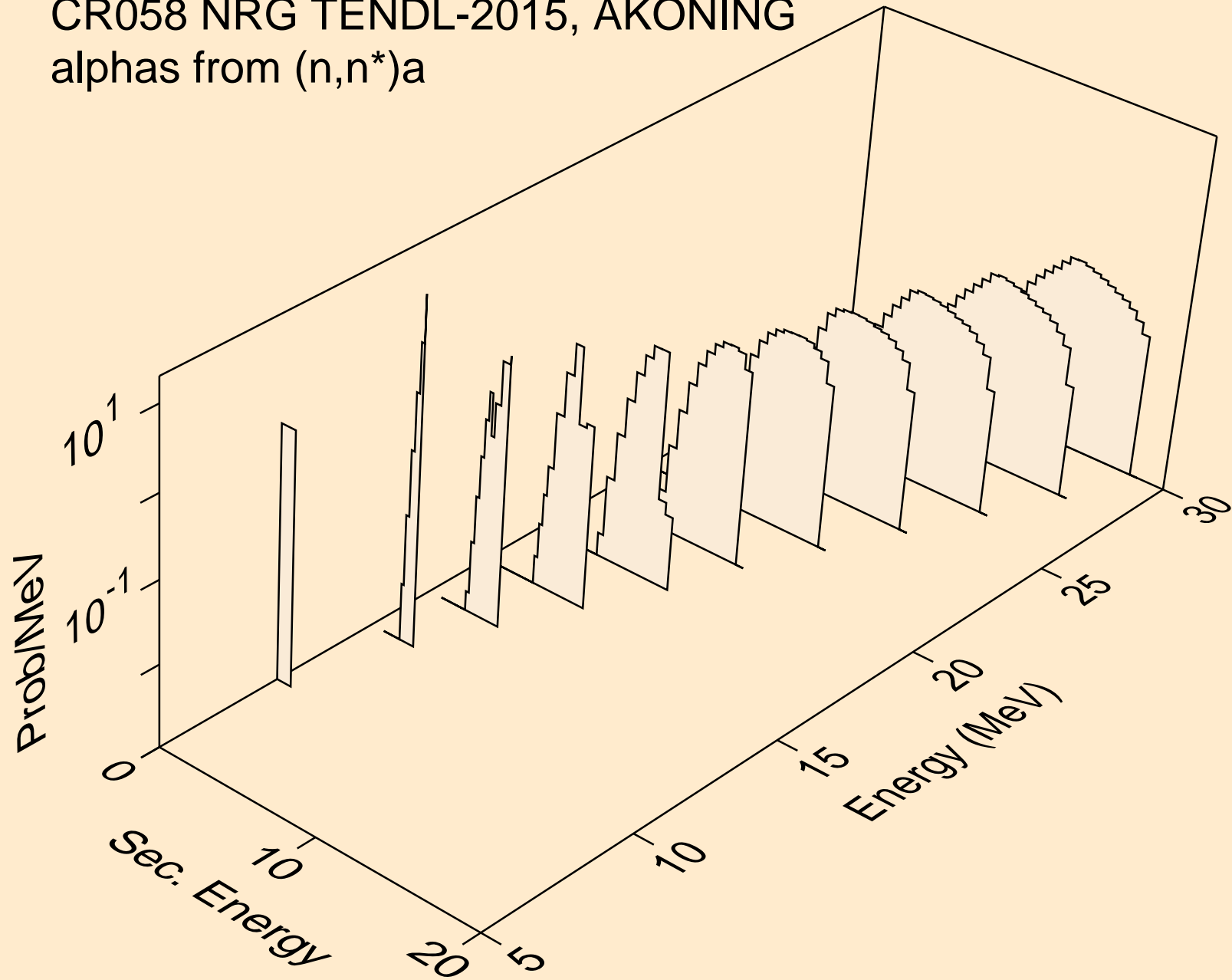
CR058 NRG TENDL-2015, AKONING  
he3s from (n,he3)



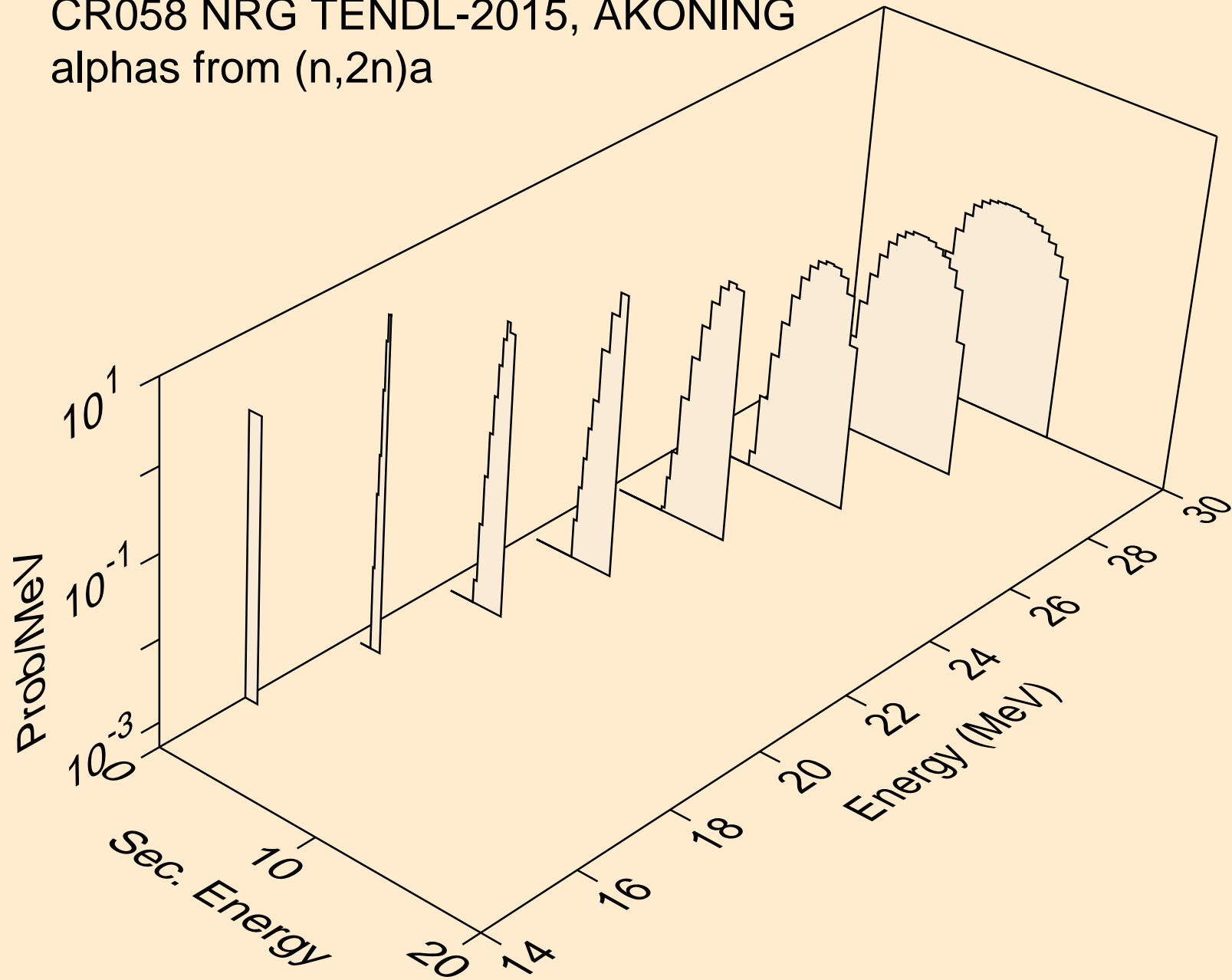
CR058 NRG TENDL-2015, AKONING  
alphas from (n,x)



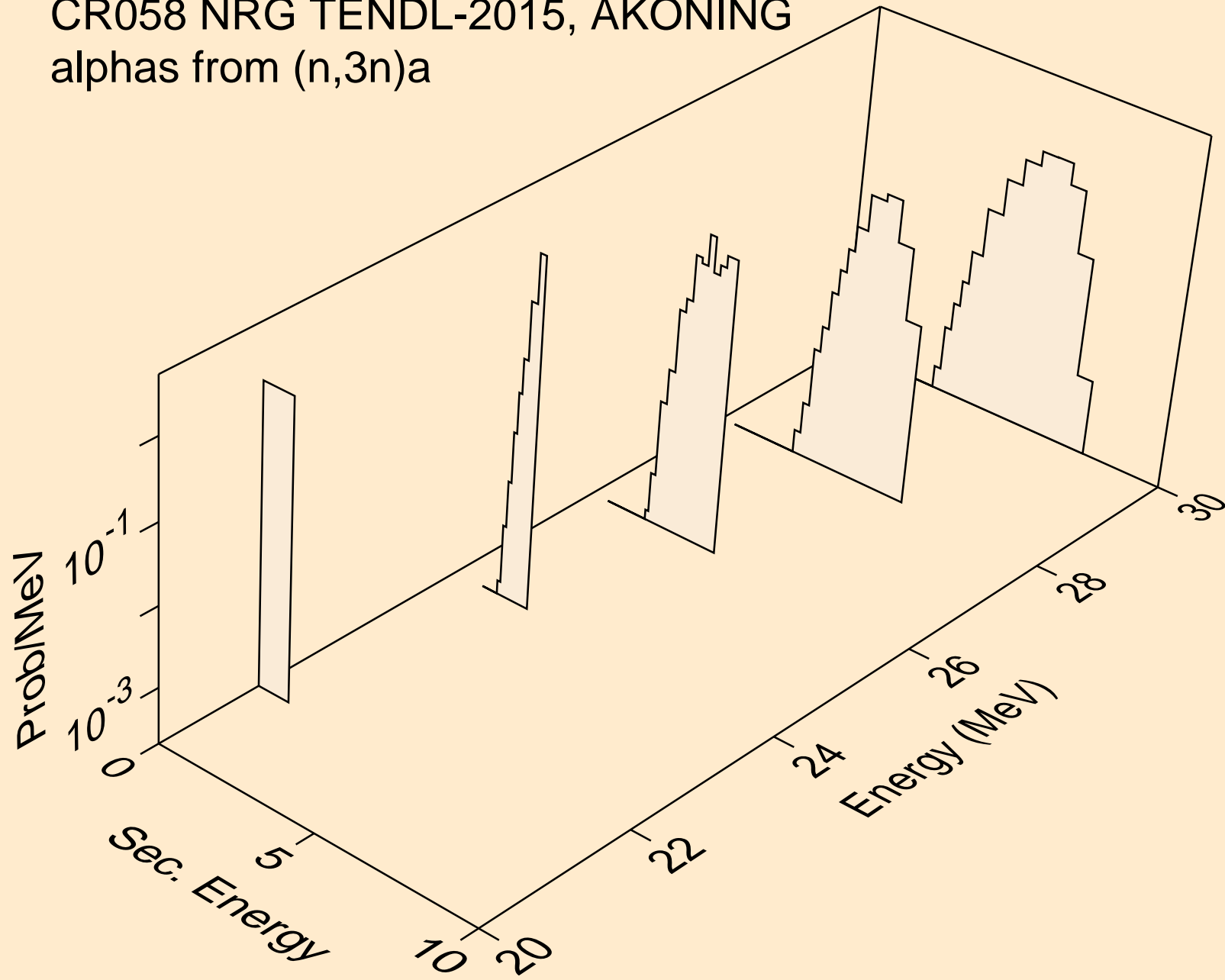
CR058 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



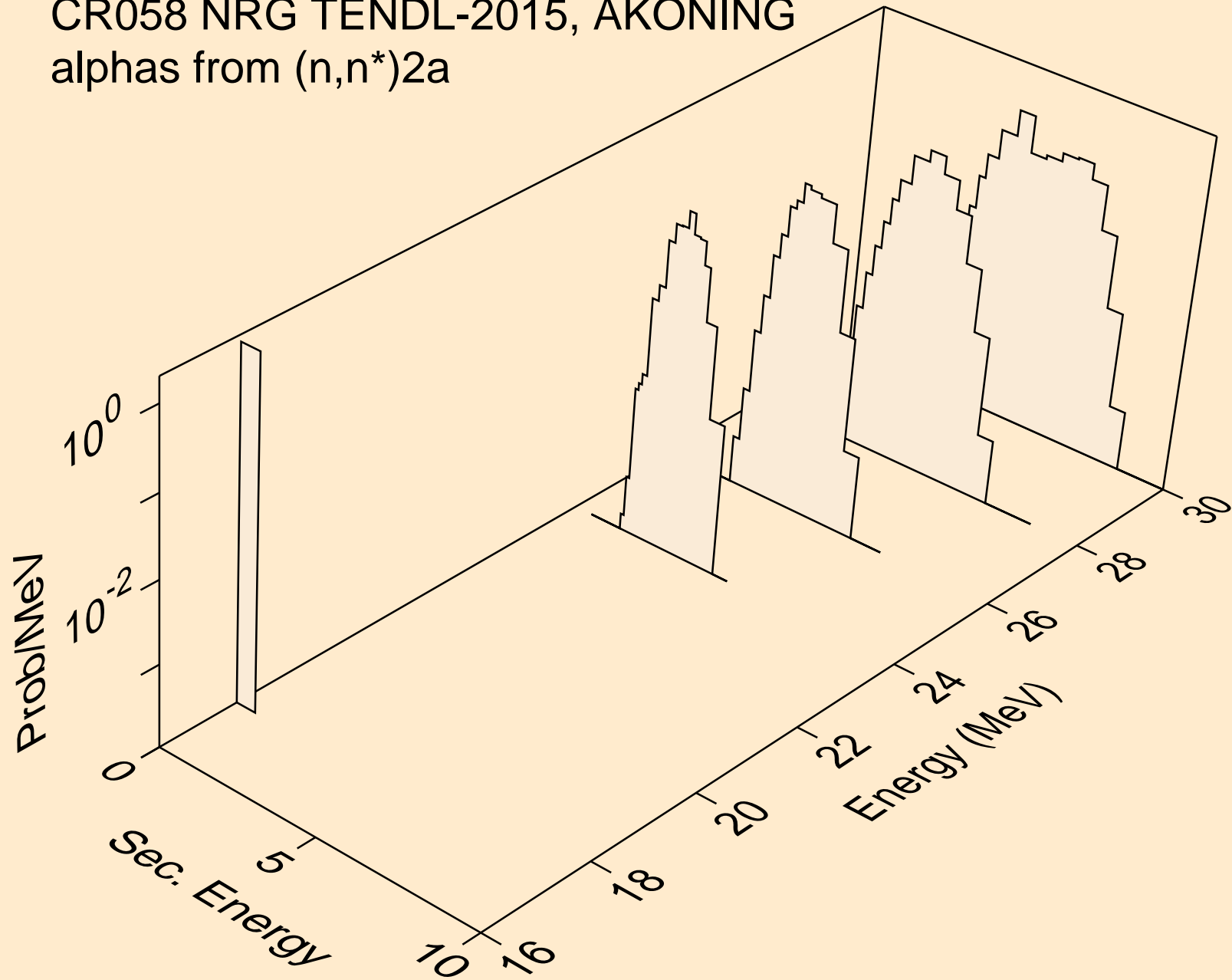
CR058 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



CR058 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

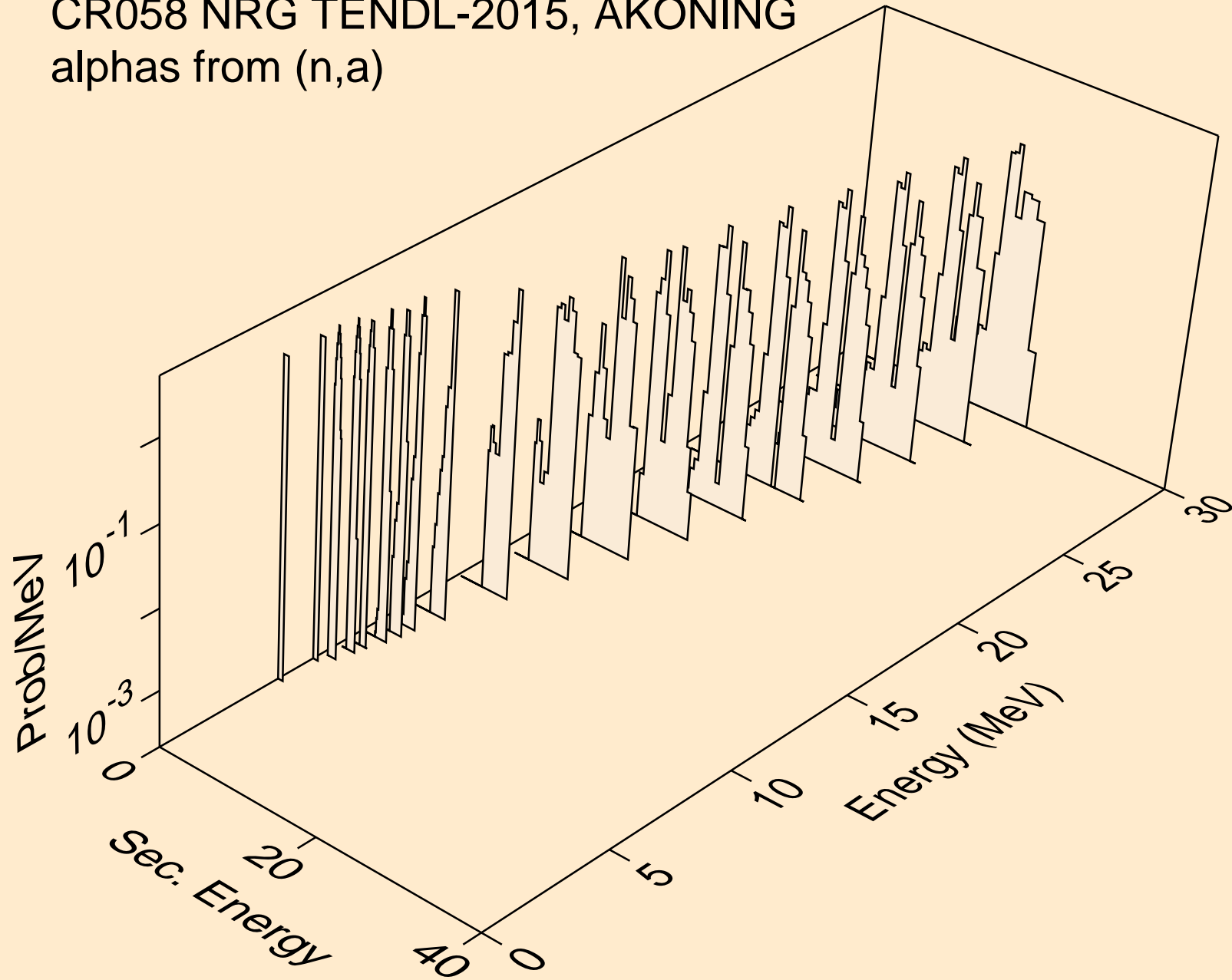


CR058 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

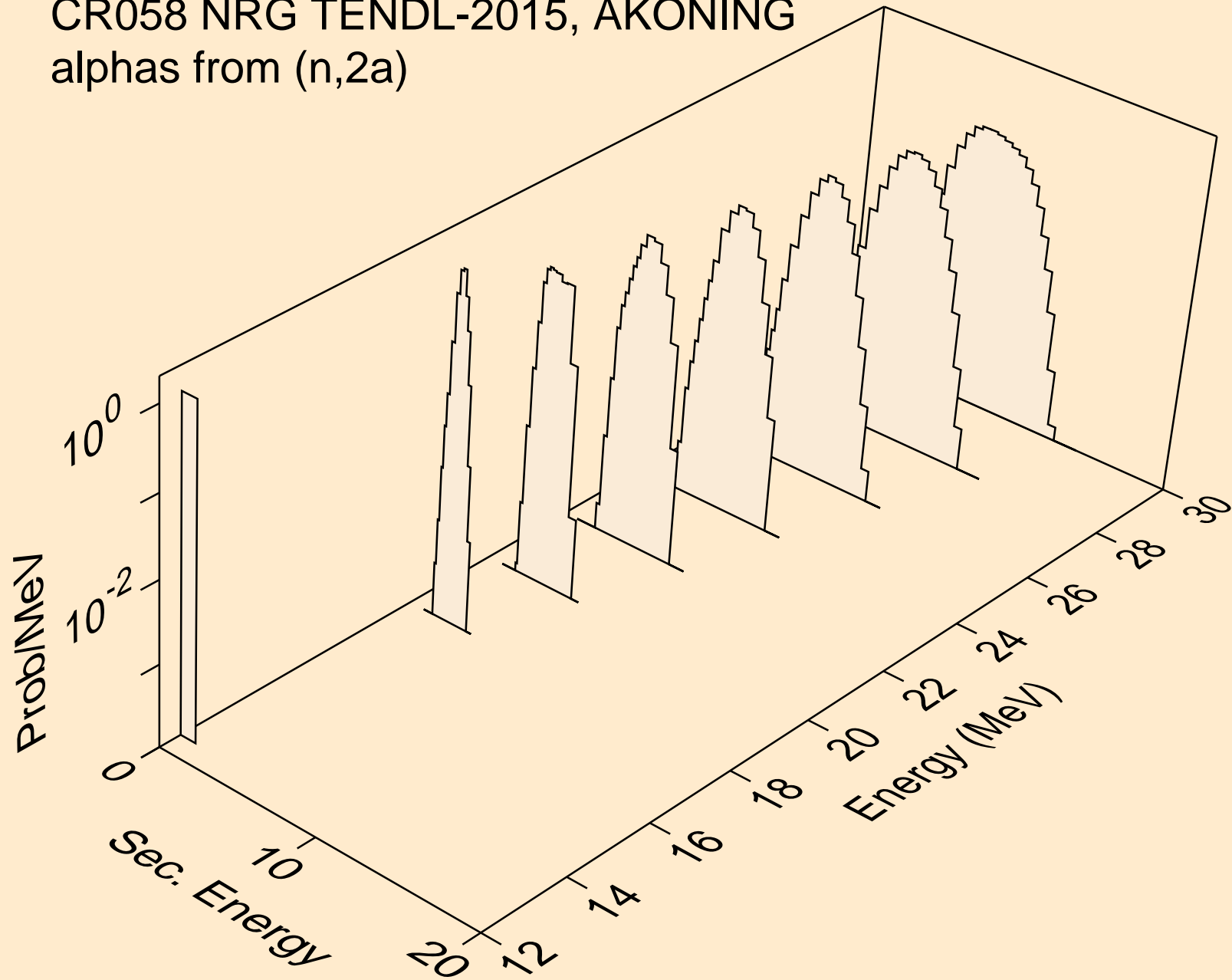




CR058 NRG TENDL-2015, AKONING  
alphas from (n,a)



CR058 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CR058 NRG TENDL-2015, AKONING  
alphas from (n,pa)

