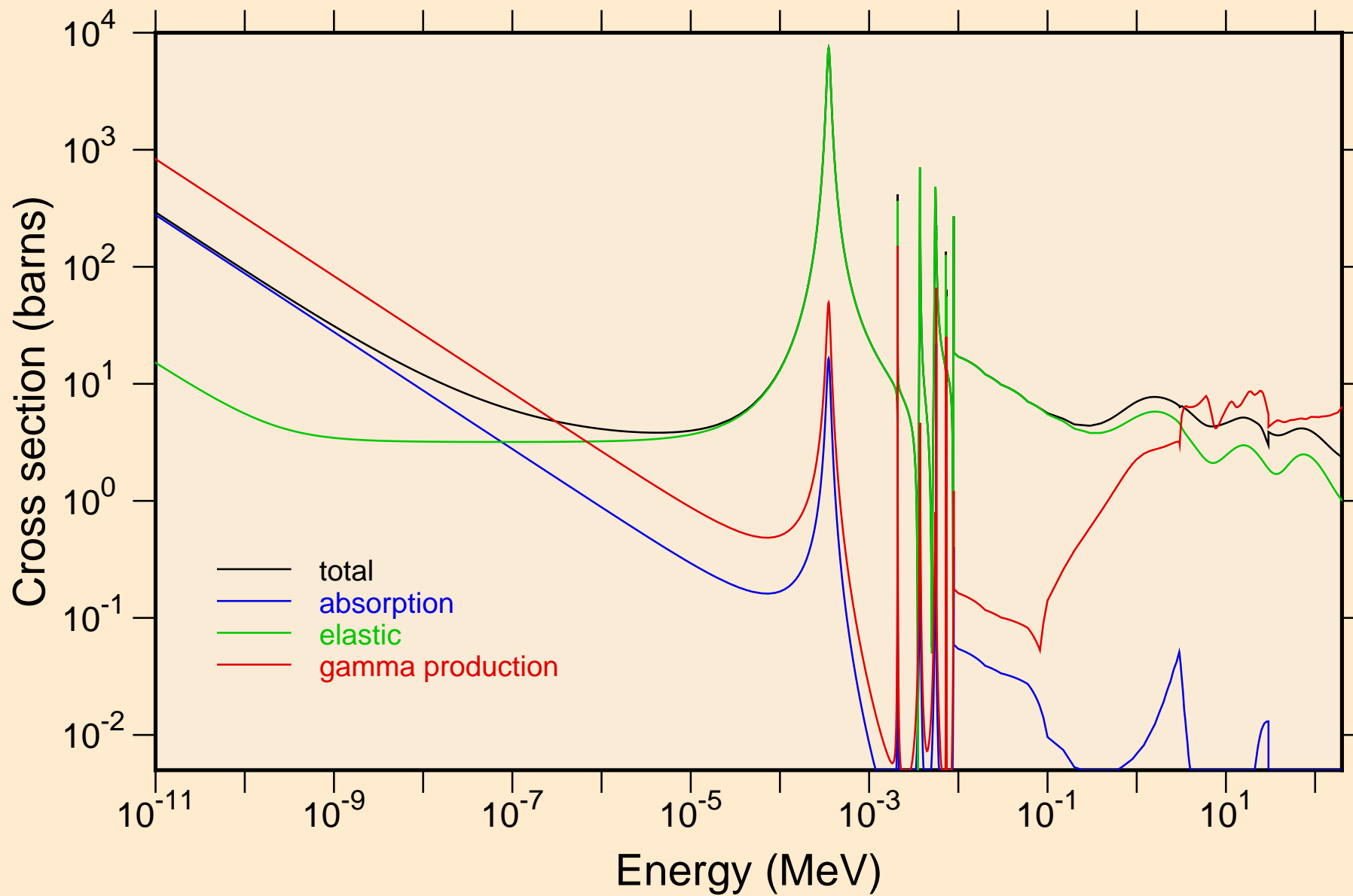
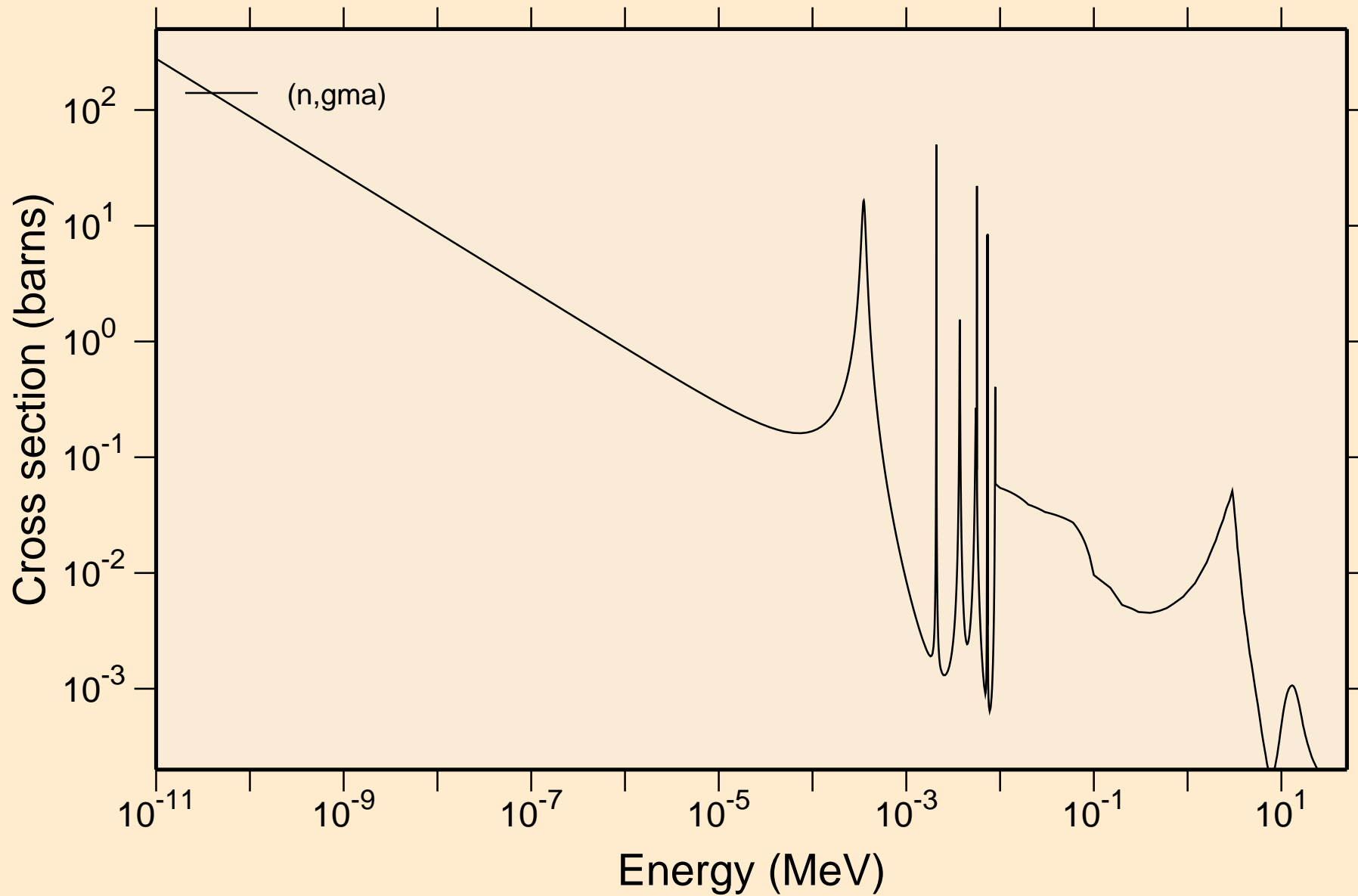


# CE152 NRG TENDL-2015, AKONING

## Principal cross sections

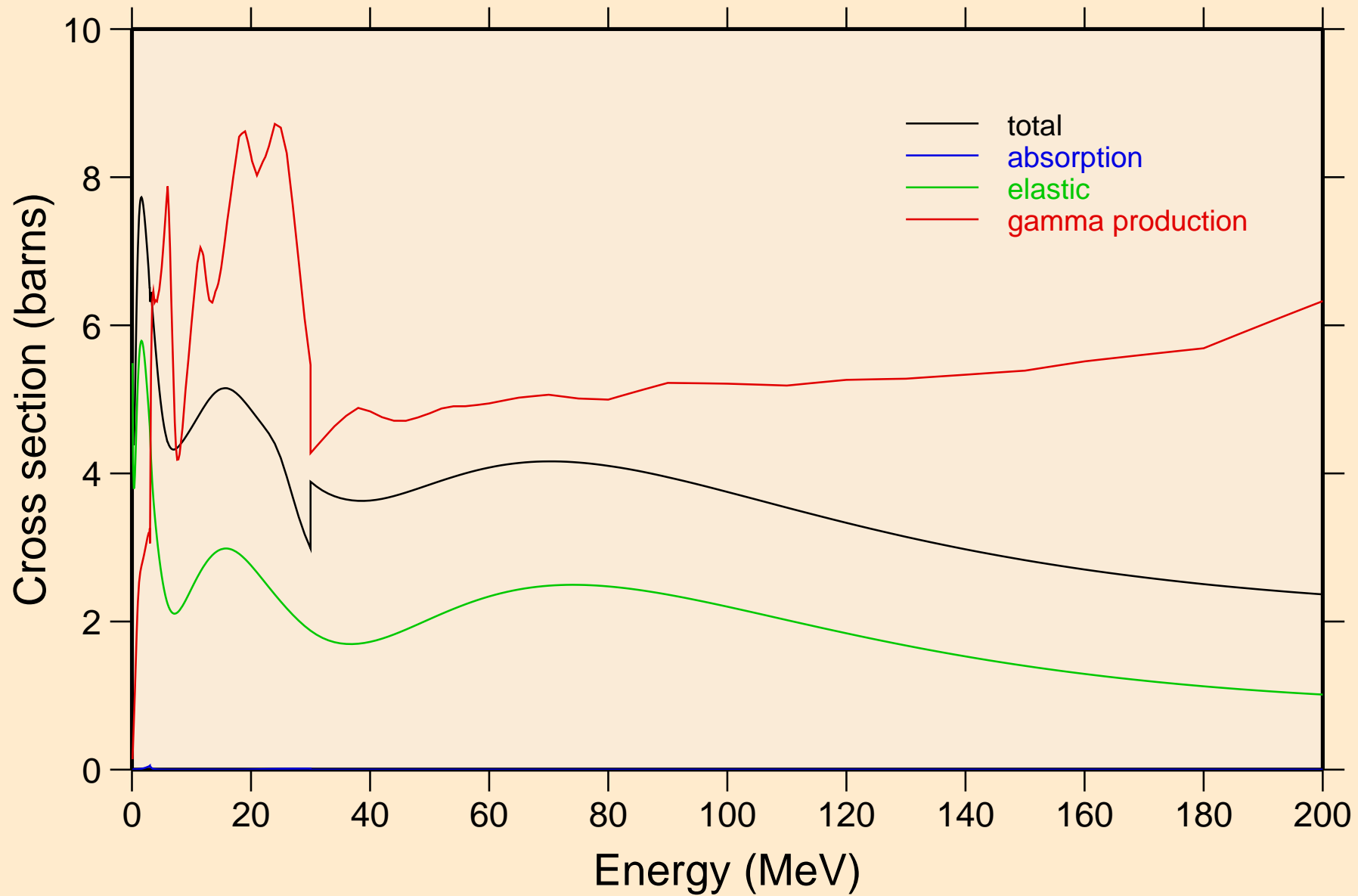


CE152 NRG TENDL-2015, AKONING  
Non-threshold reactions



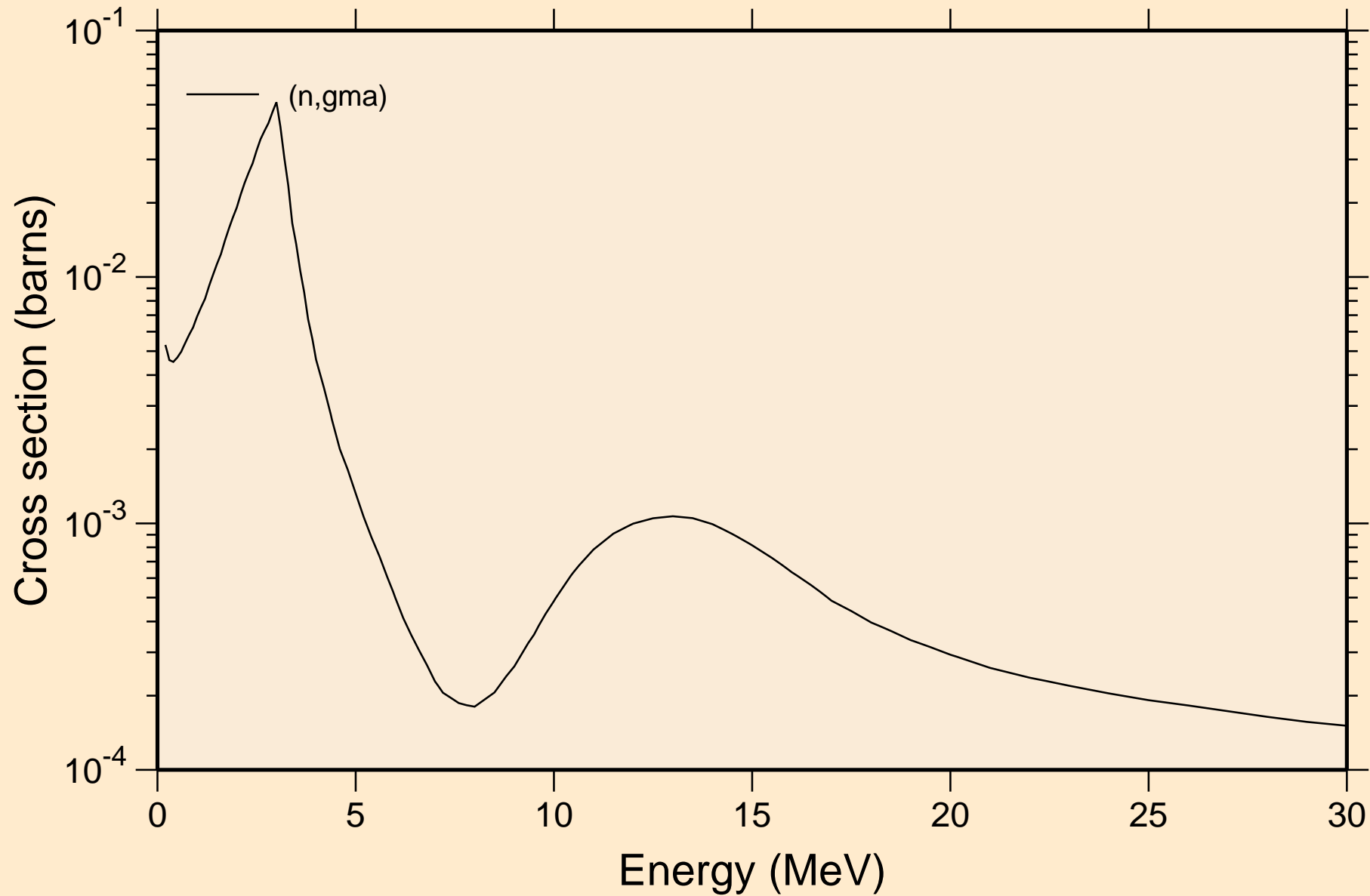
# CE152 NRG TENDL-2015, AKONING

## Principal cross sections



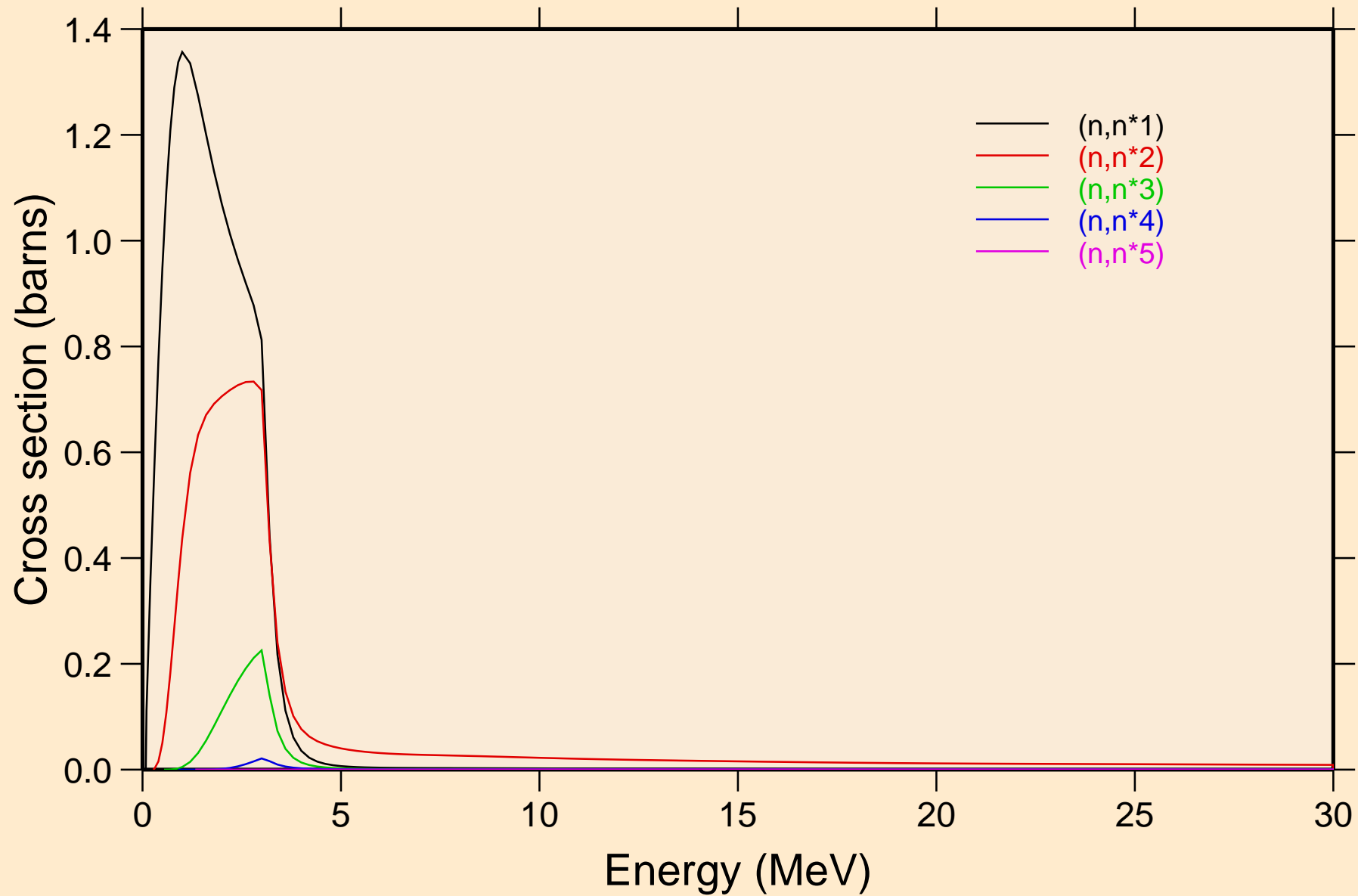
# CE152 NRG TENDL-2015, AKONING

## Non-threshold reactions



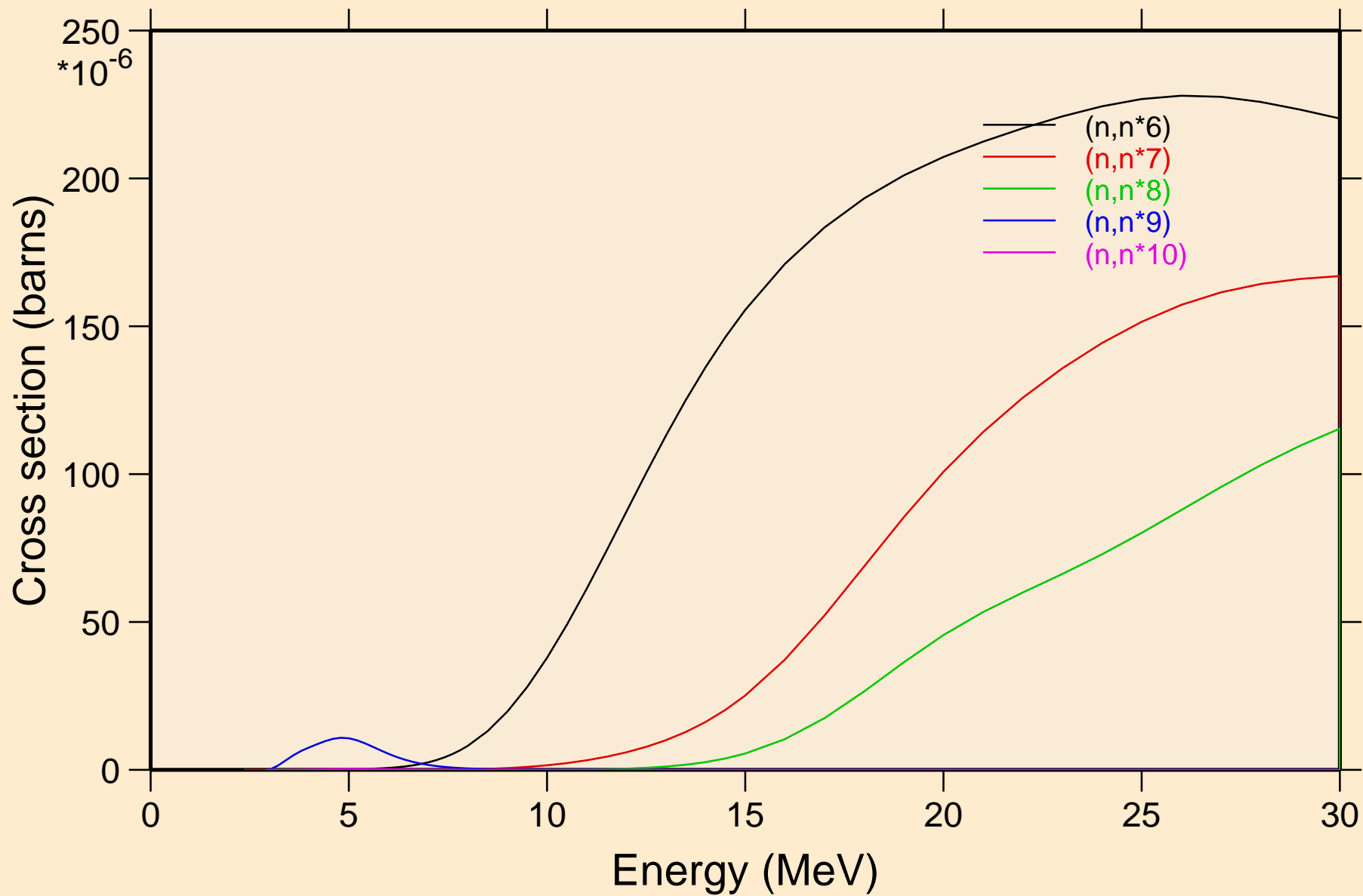
# CE152 NRG TENDL-2015, AKONING

## Inelastic levels



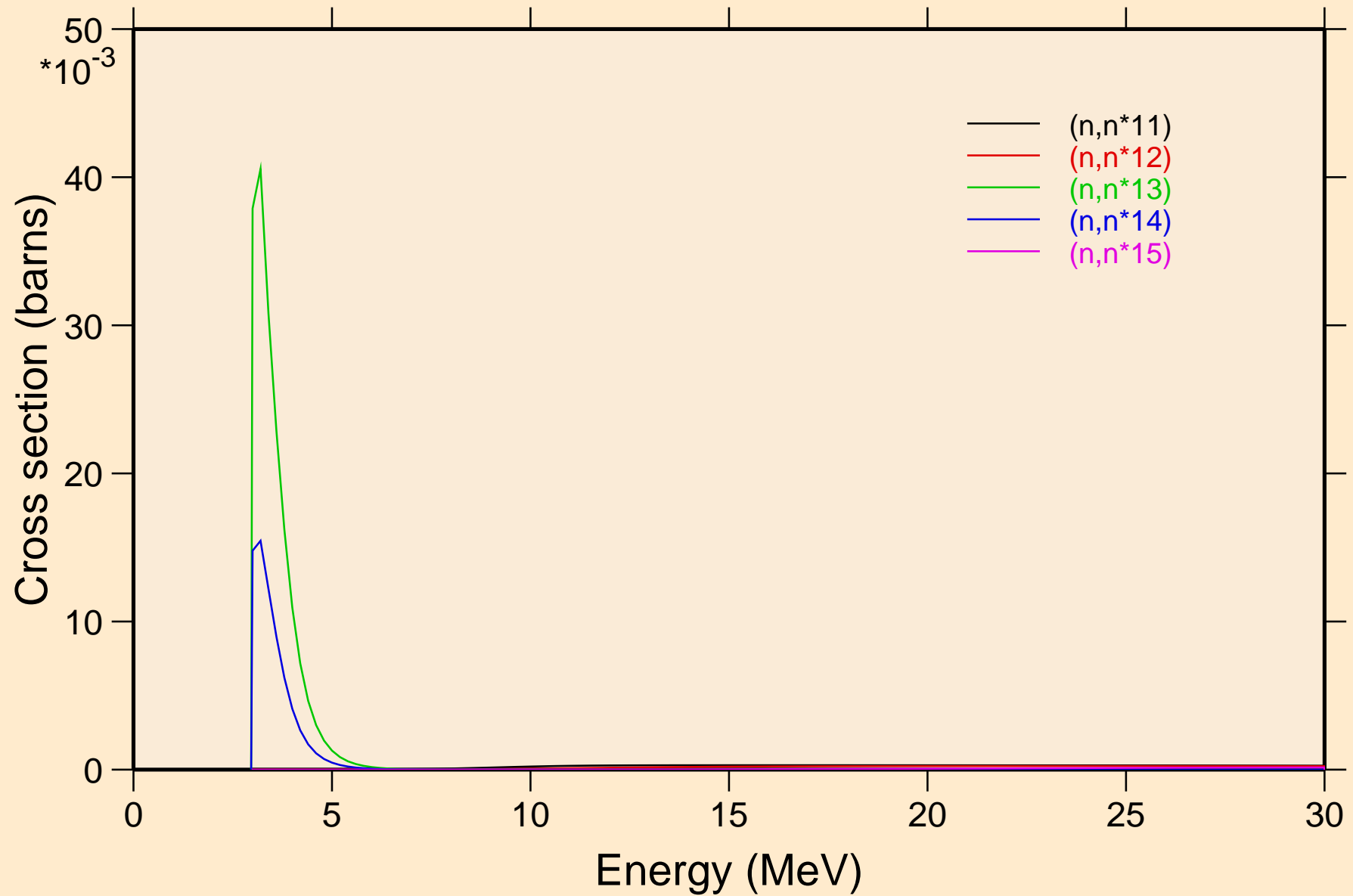
# CE152 NRG TENDL-2015, AKONING

## Inelastic levels



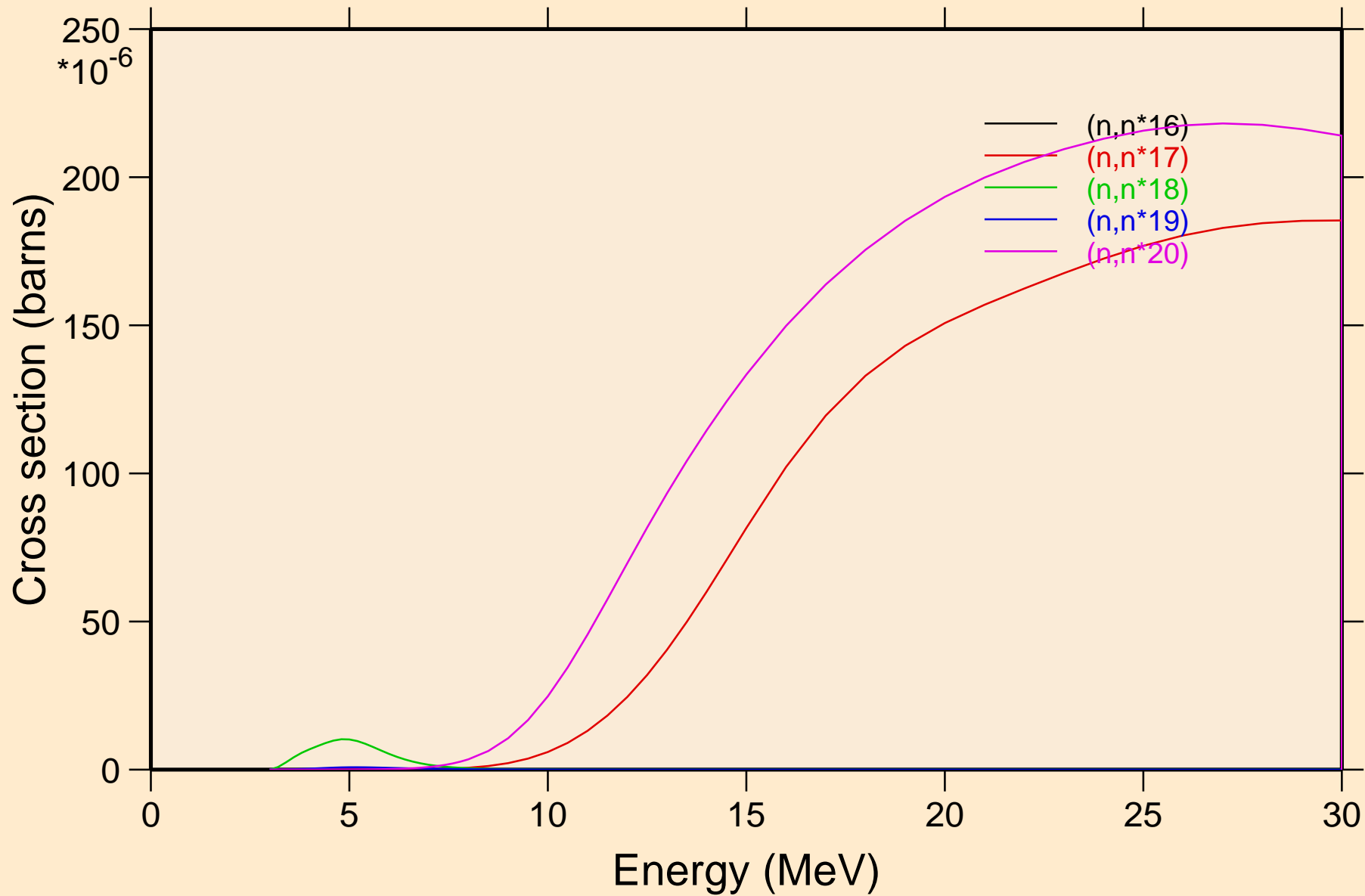
# CE152 NRG TENDL-2015, AKONING

## Inelastic levels



# CE152 NRG TENDL-2015, AKONING

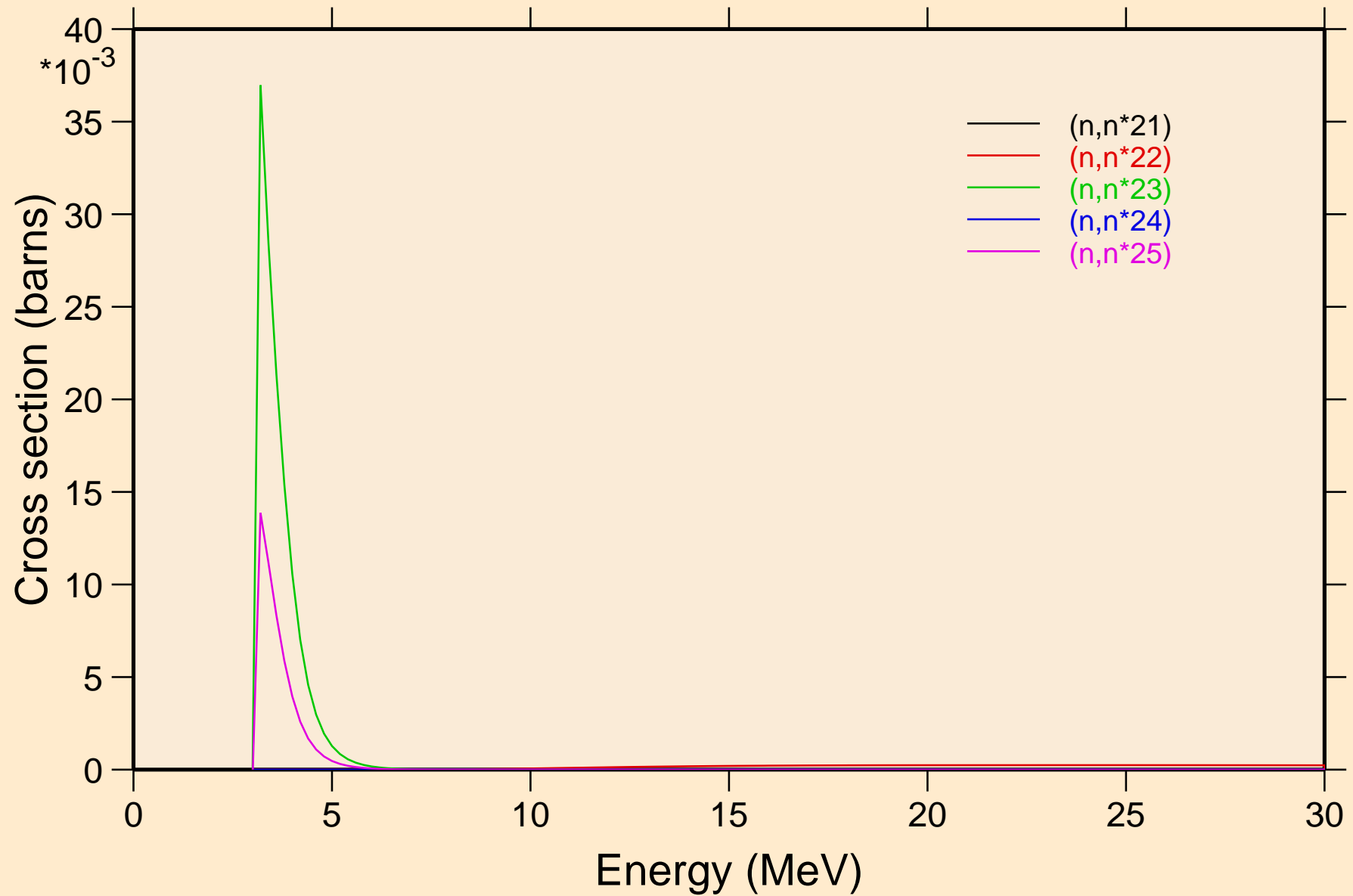
## Inelastic levels





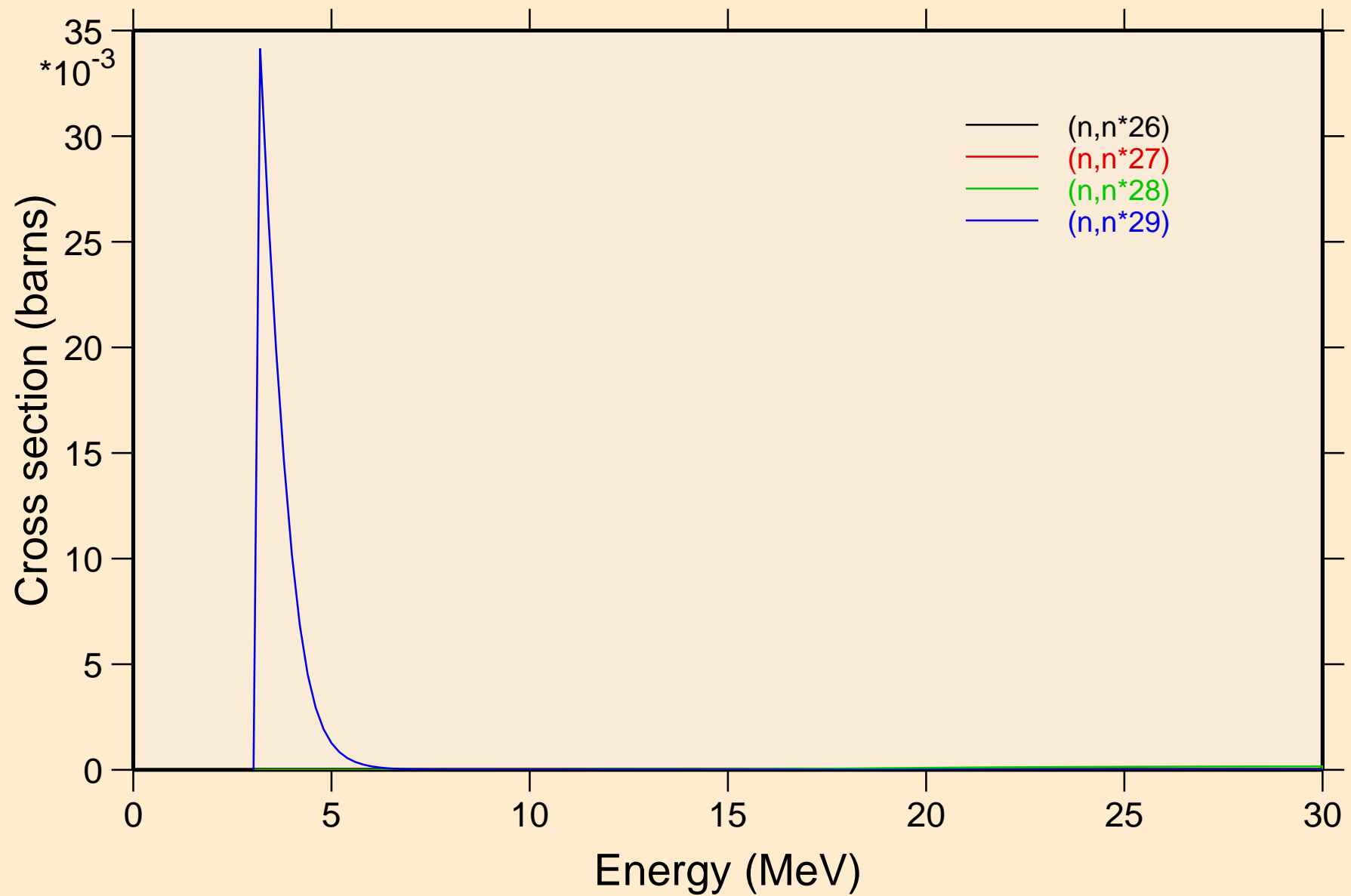
# CE152 NRG TENDL-2015, AKONING

## Inelastic levels



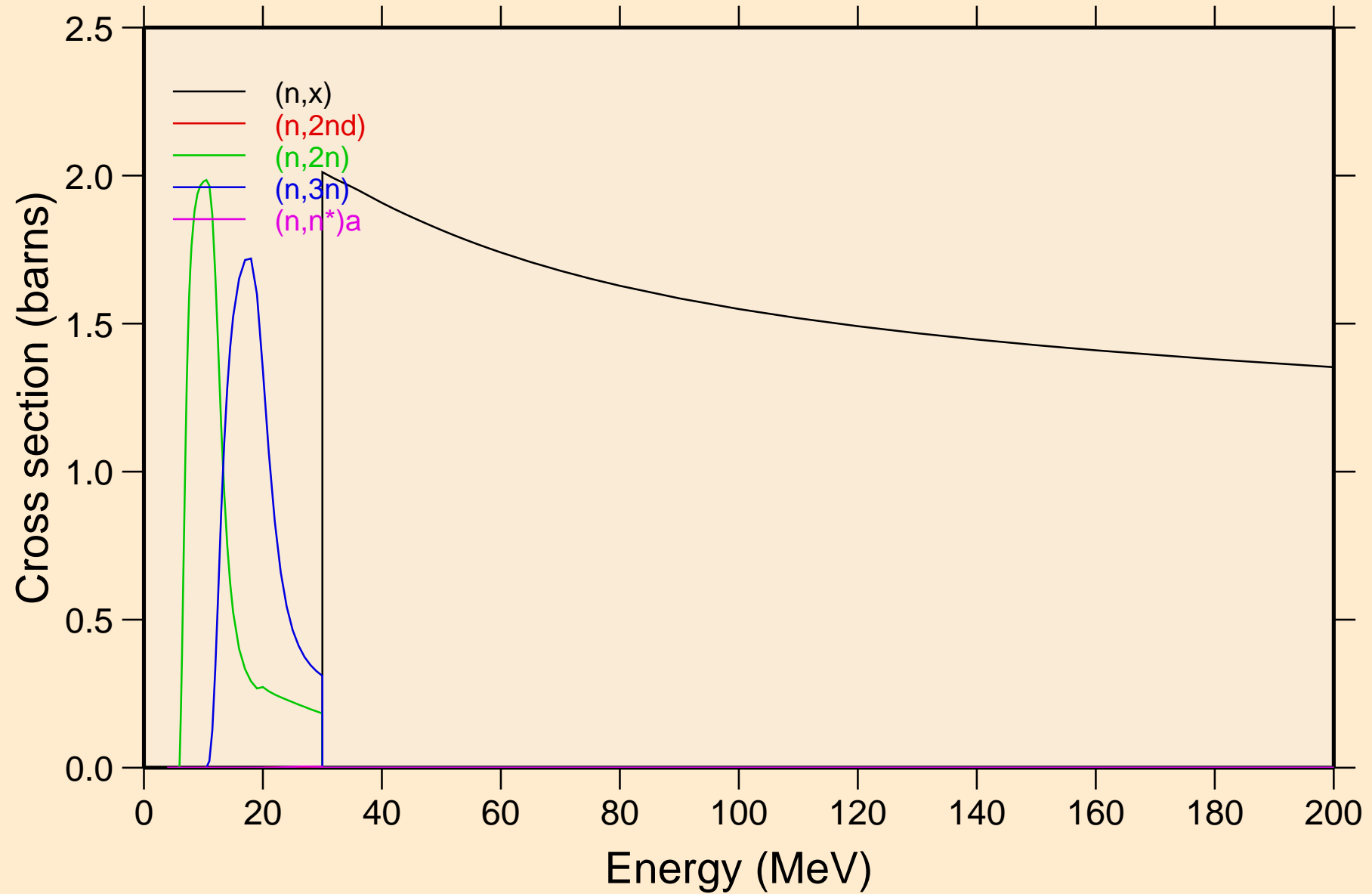
# CE152 NRG TENDL-2015, AKONING

## Inelastic levels



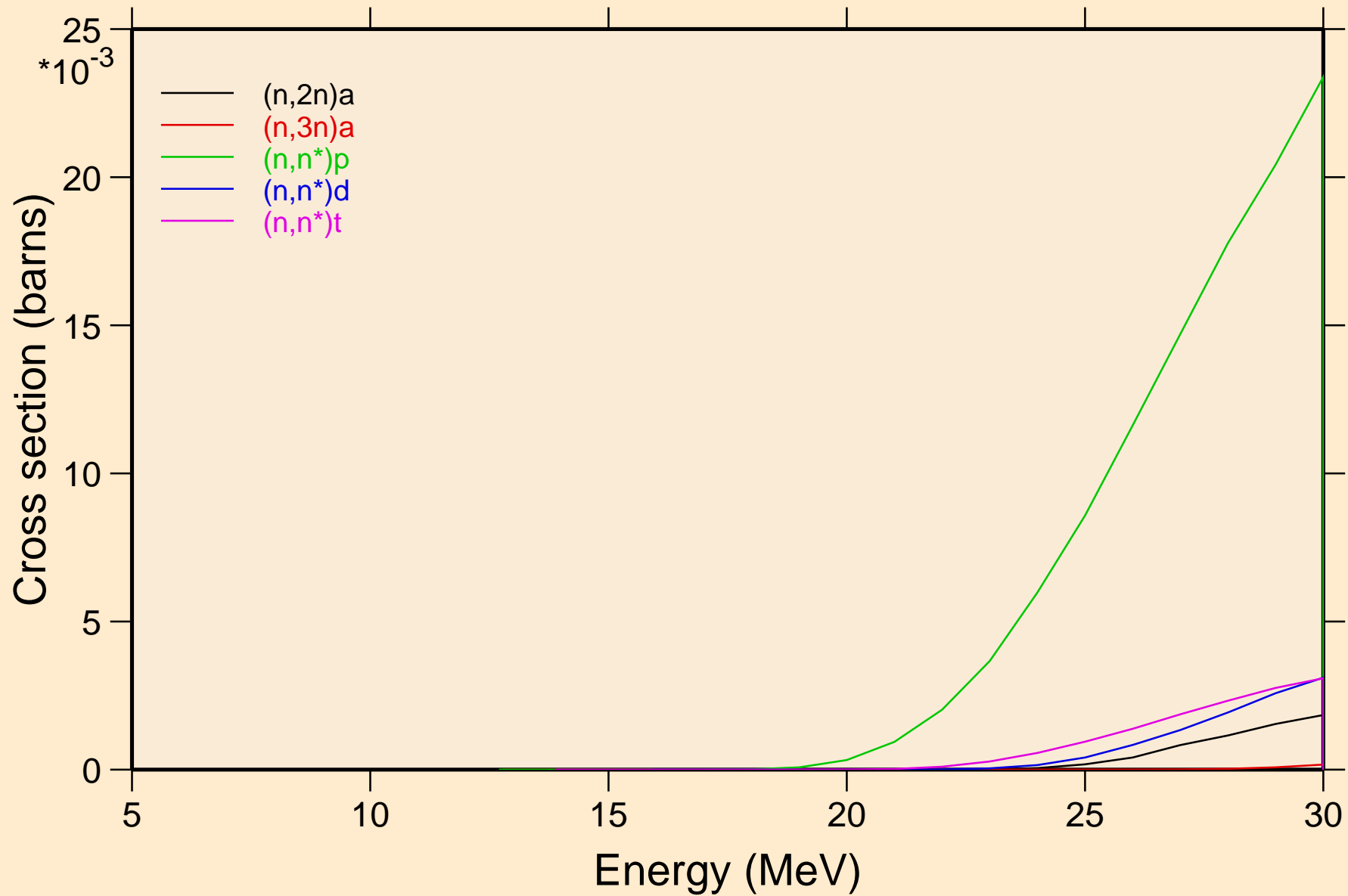
# CE152 NRG TENDL-2015, AKONING

## Threshold reactions



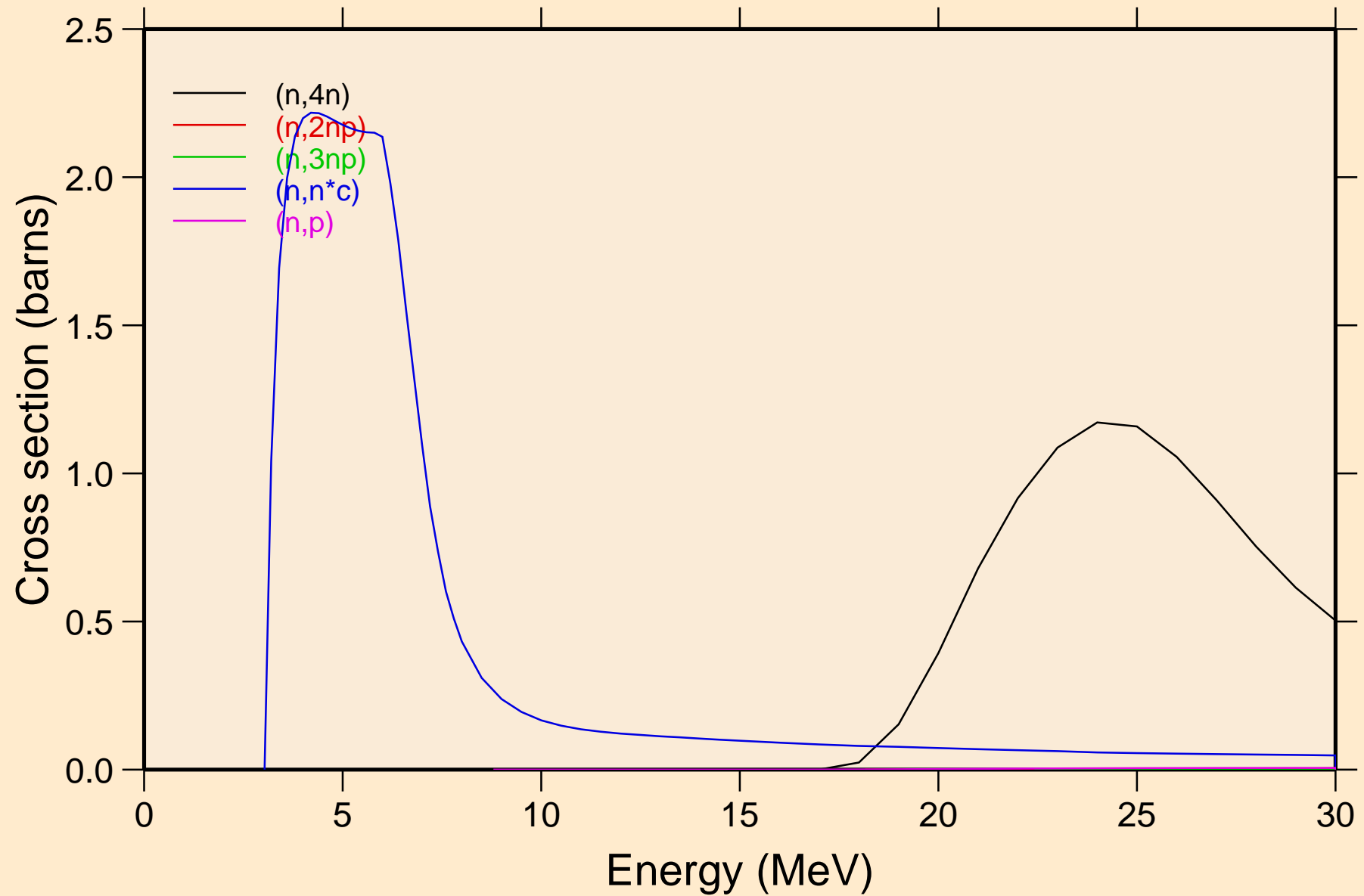
# CE152 NRG TENDL-2015, AKONING

## Threshold reactions



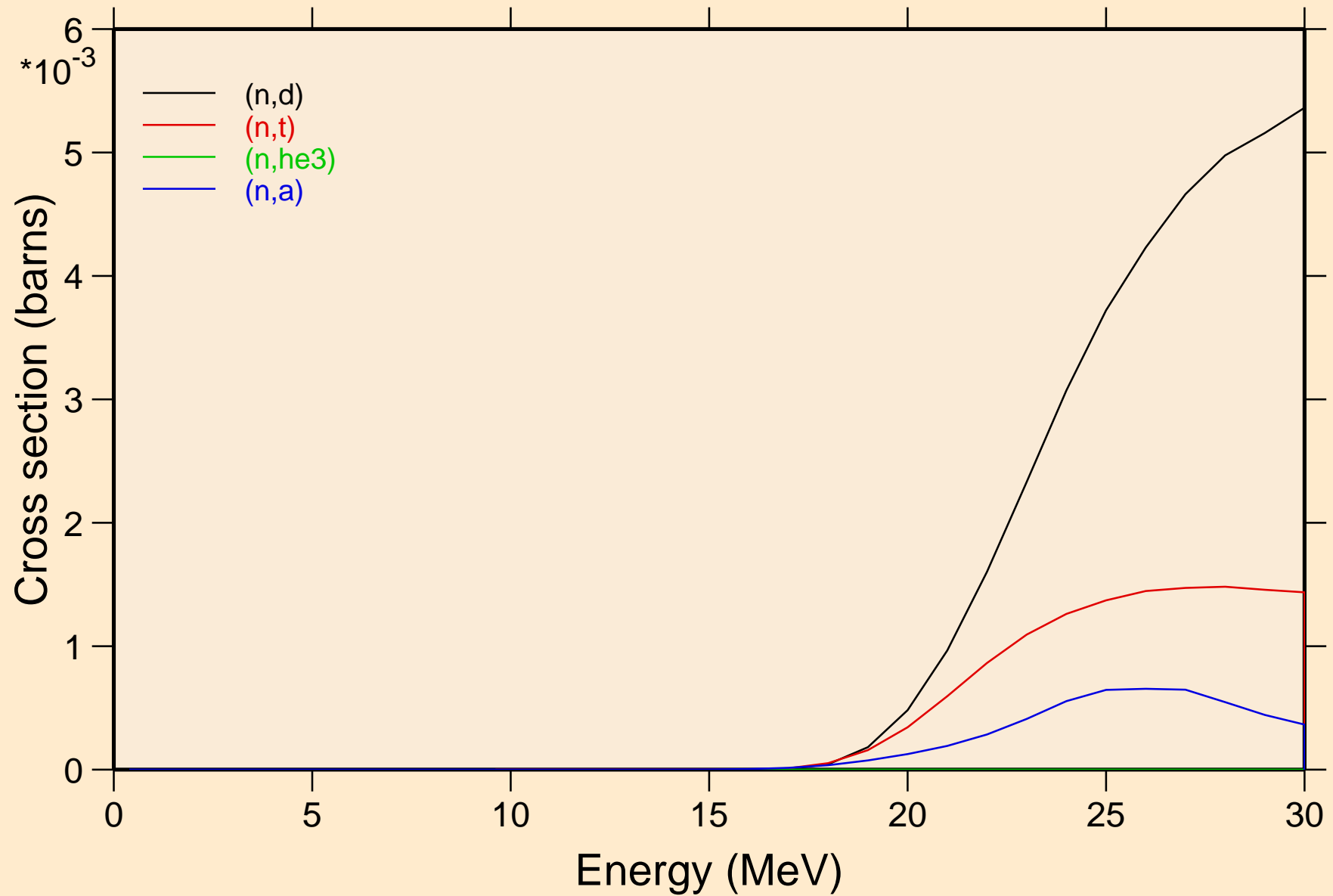
# CE152 NRG TENDL-2015, AKONING

## Threshold reactions

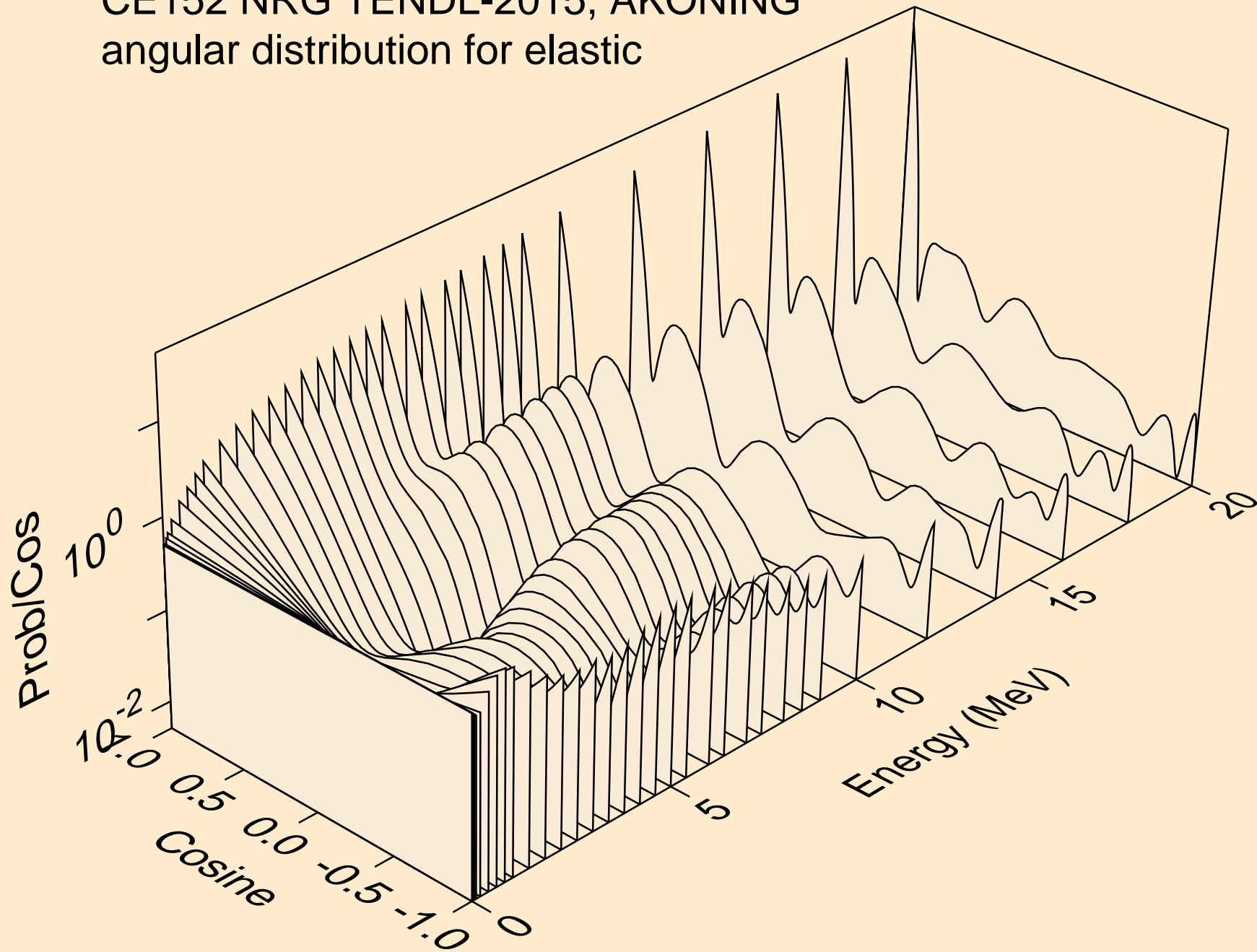


# CE152 NRG TENDL-2015, AKONING

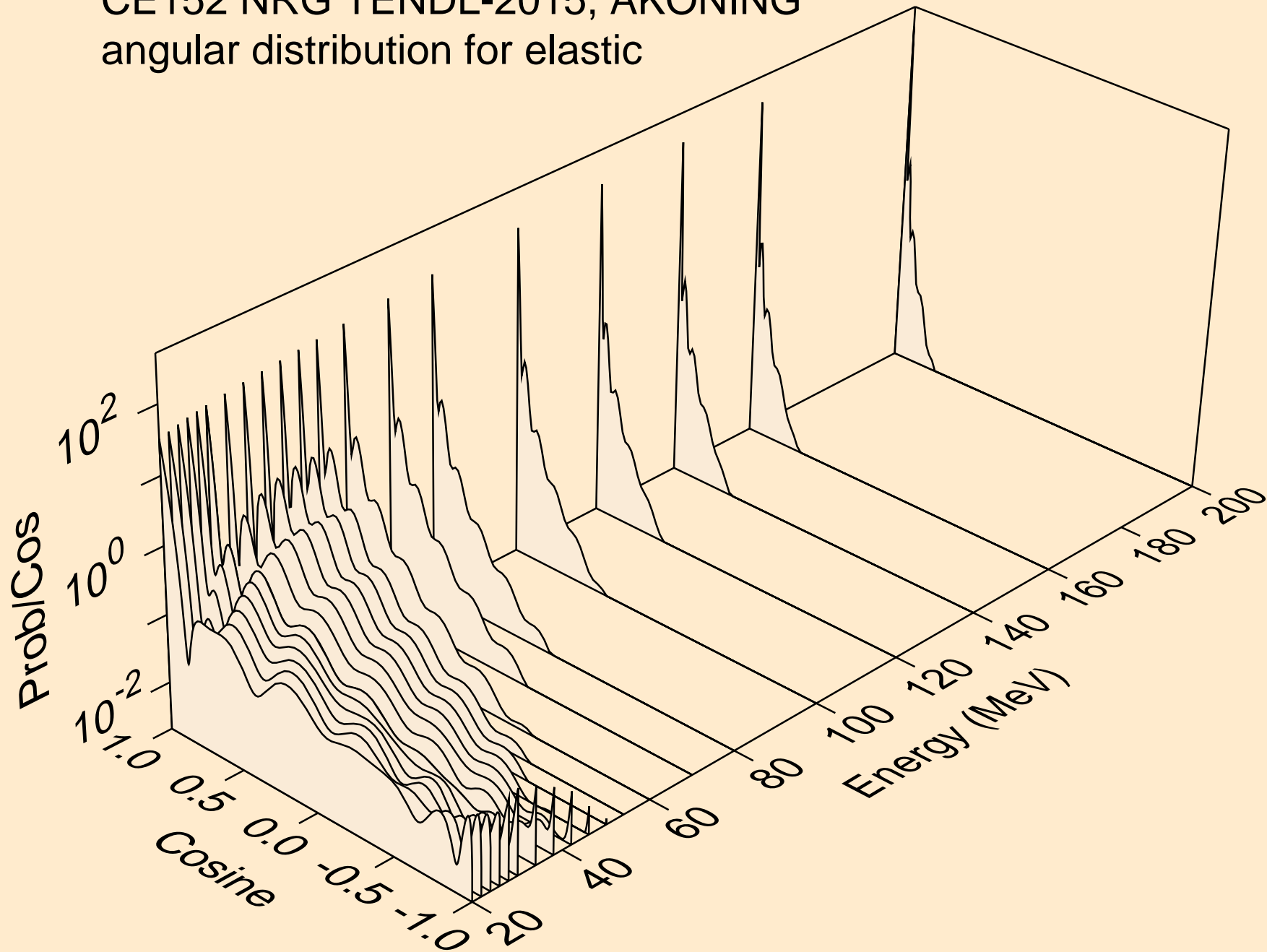
## Threshold reactions



CE152 NRG TENDL-2015, AKONING  
angular distribution for elastic

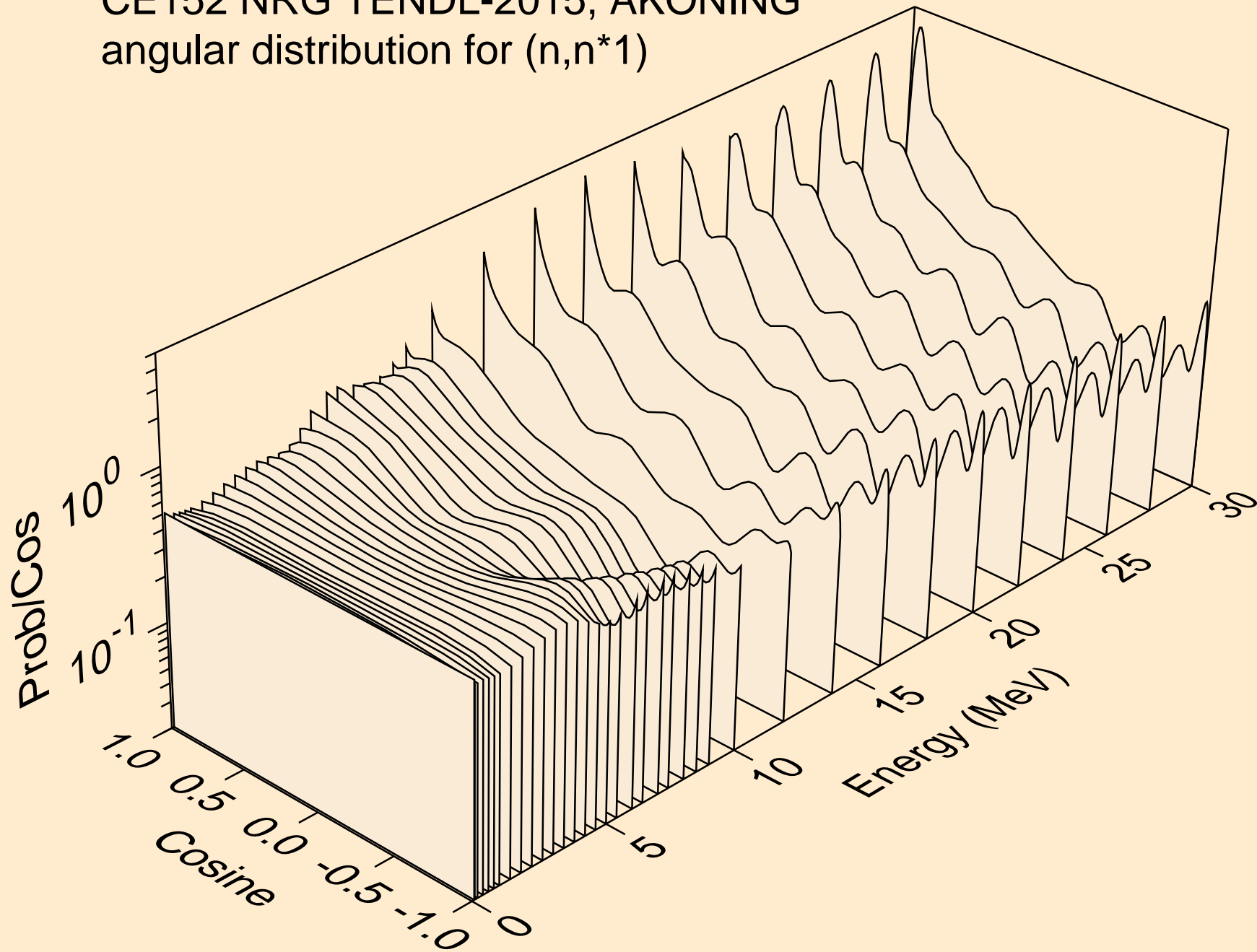


CE152 NRG TENDL-2015, AKONING  
angular distribution for elastic

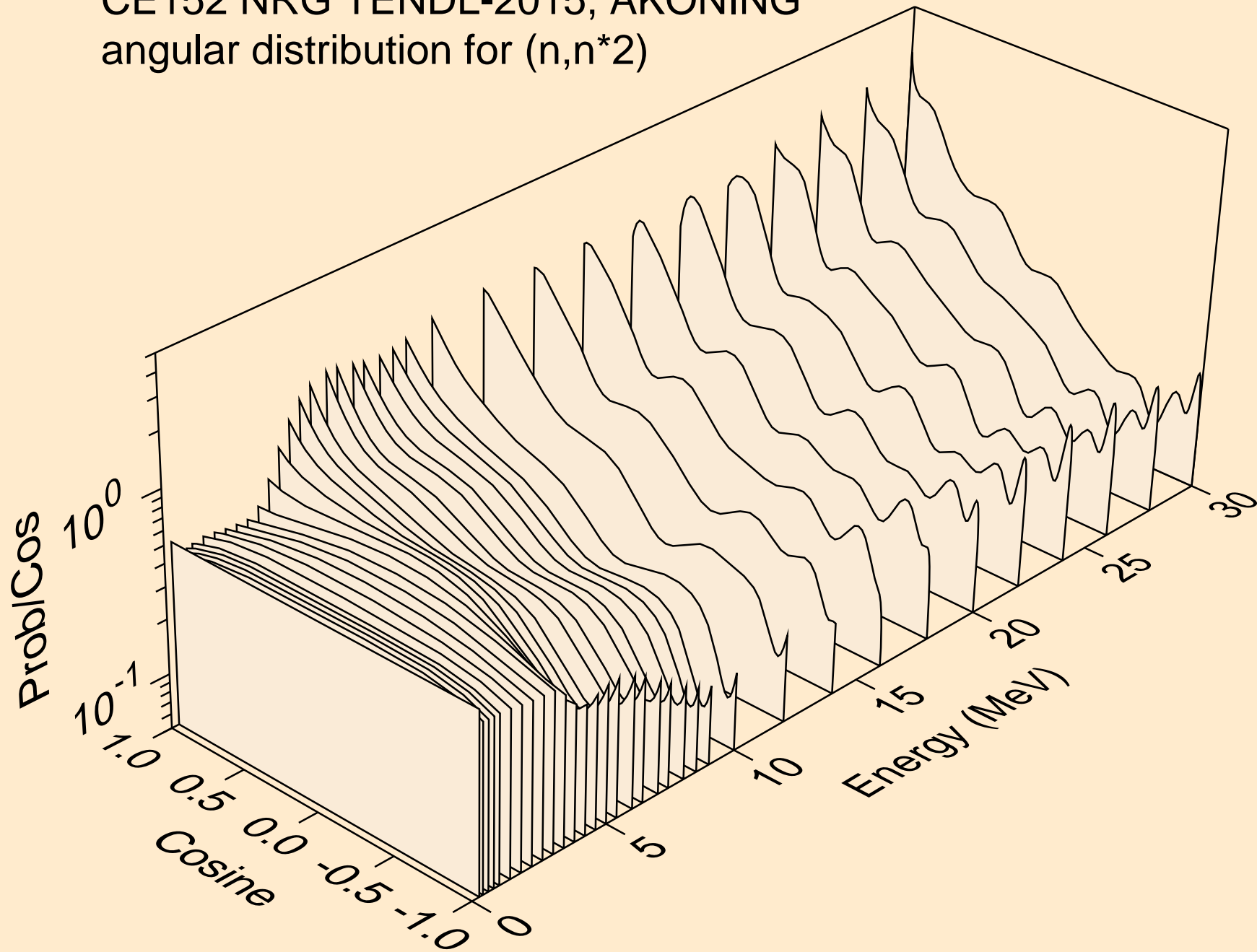




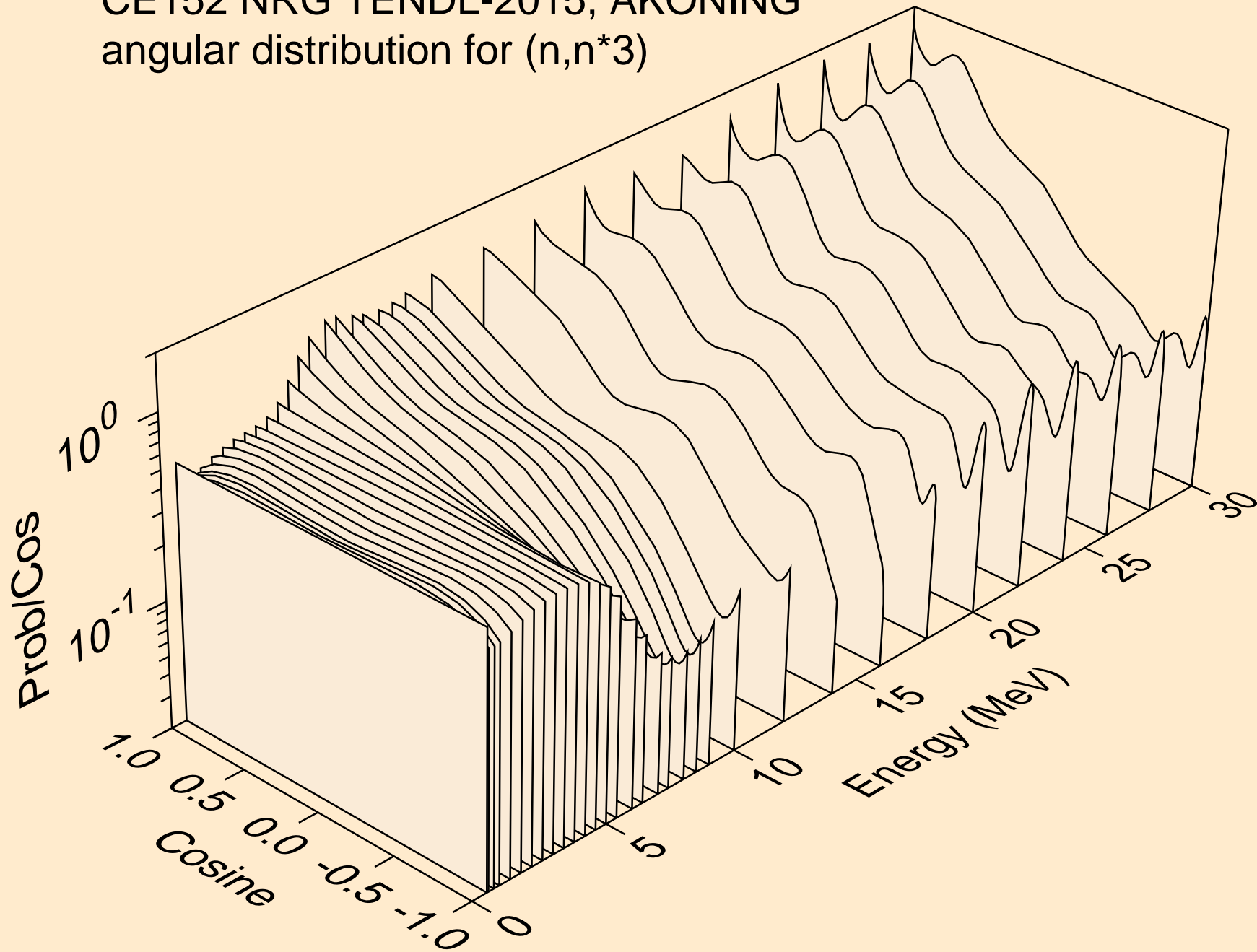
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



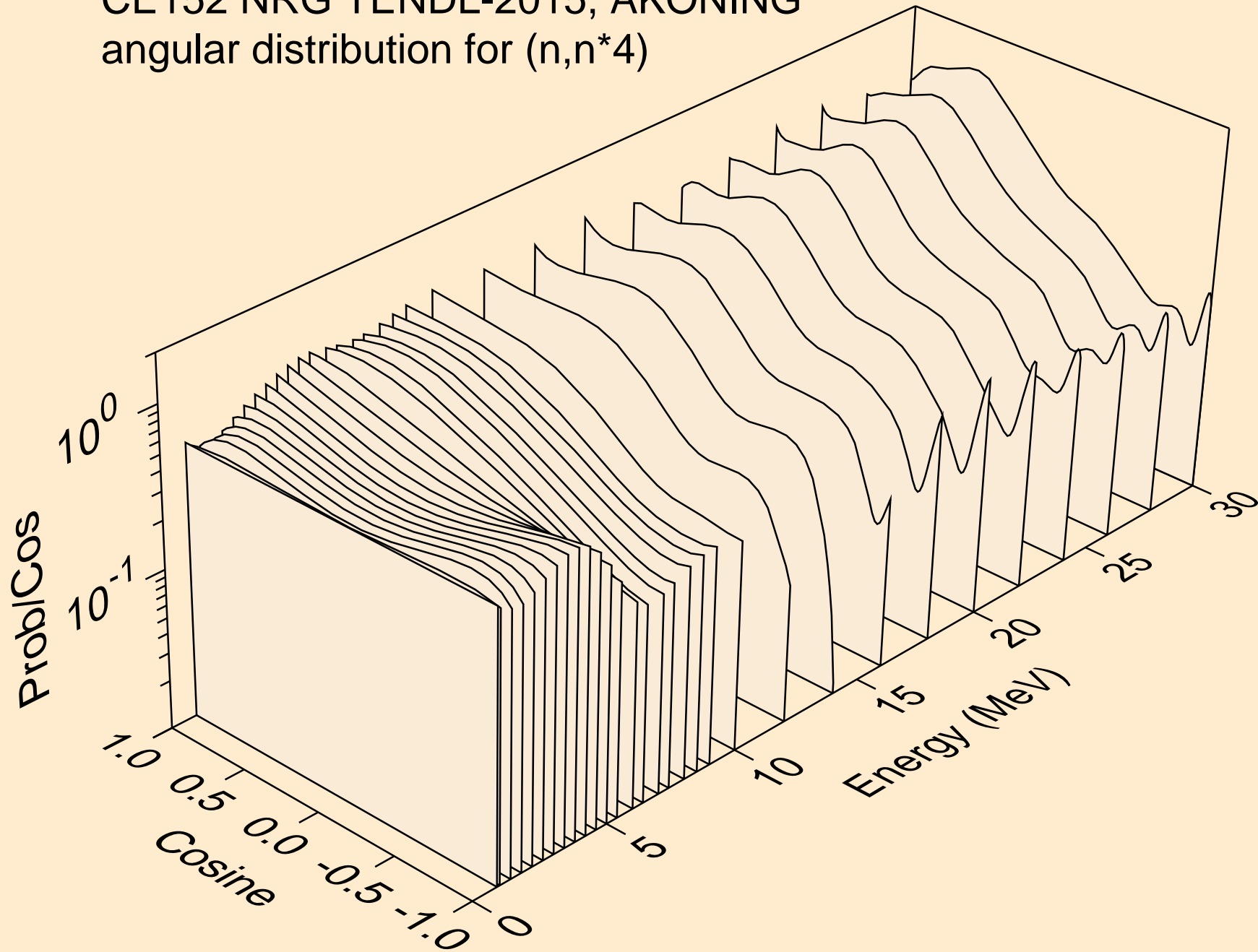
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



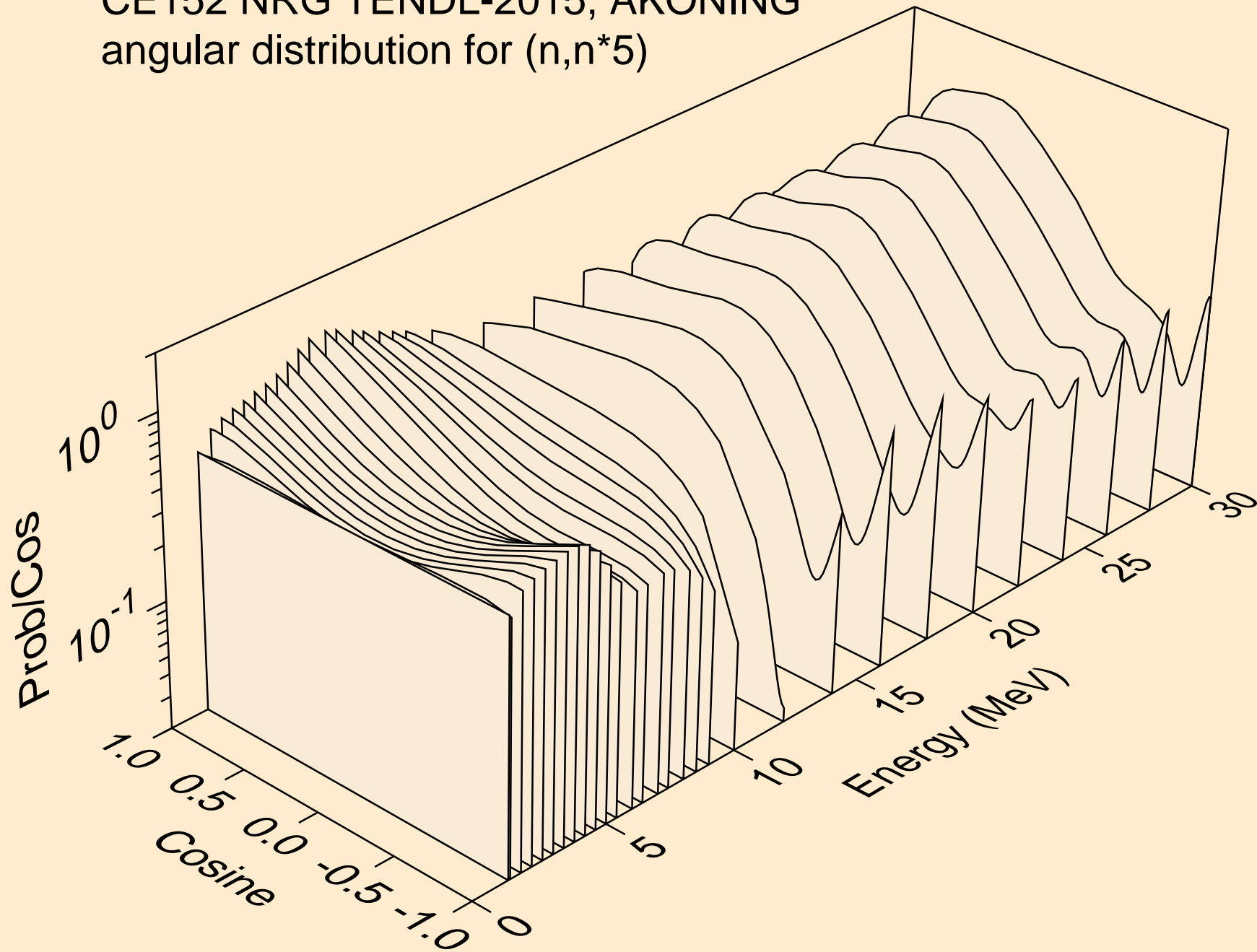
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



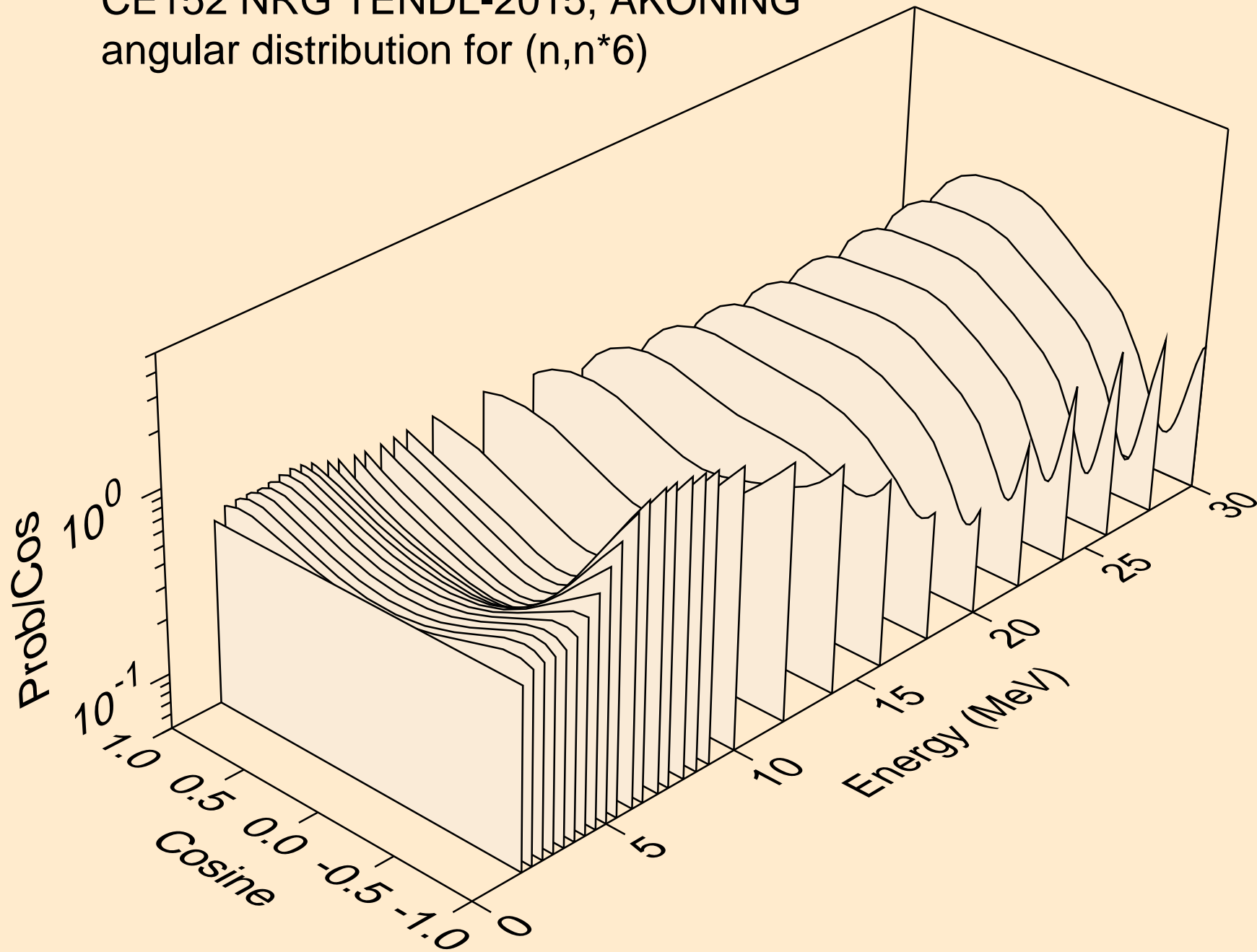
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



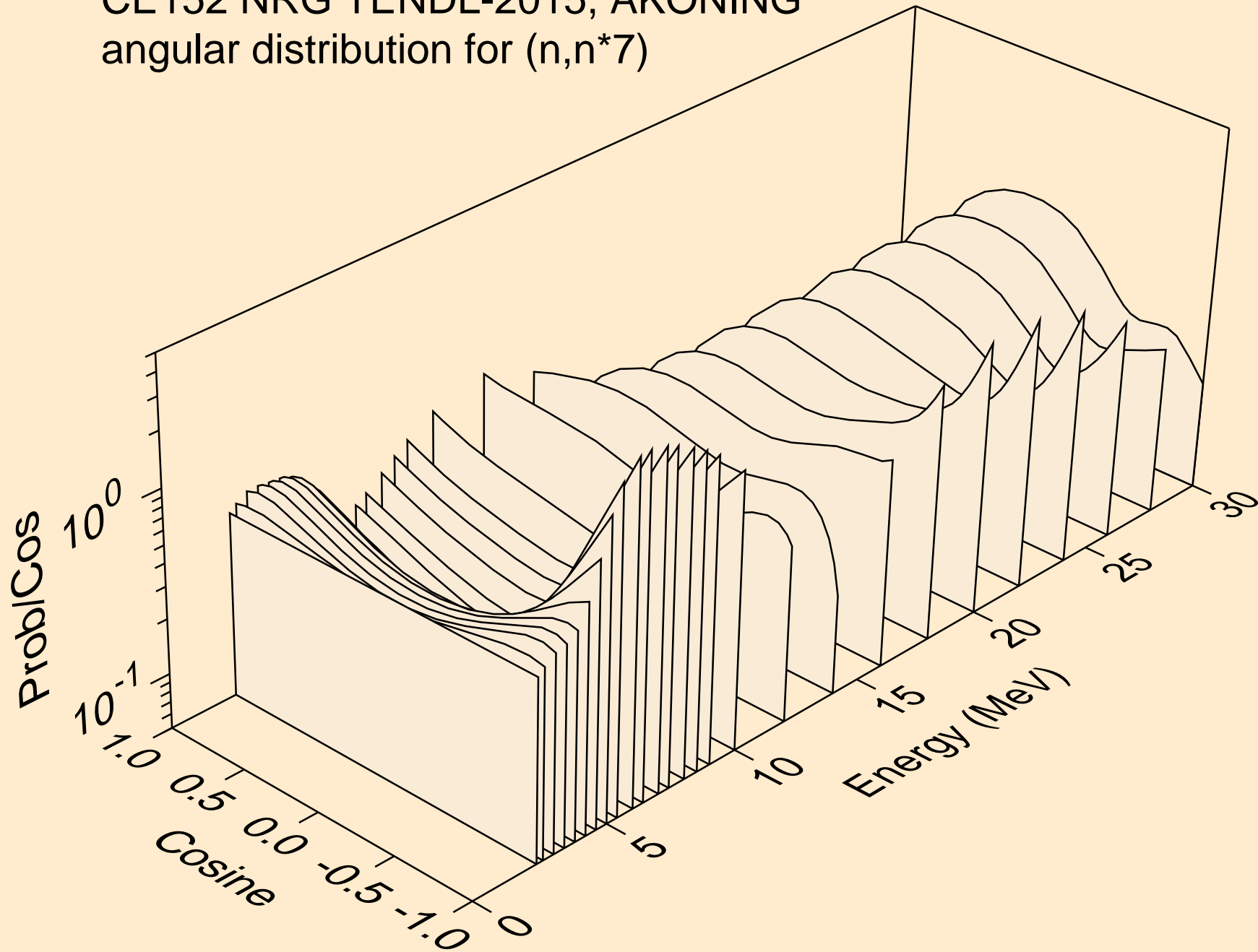
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



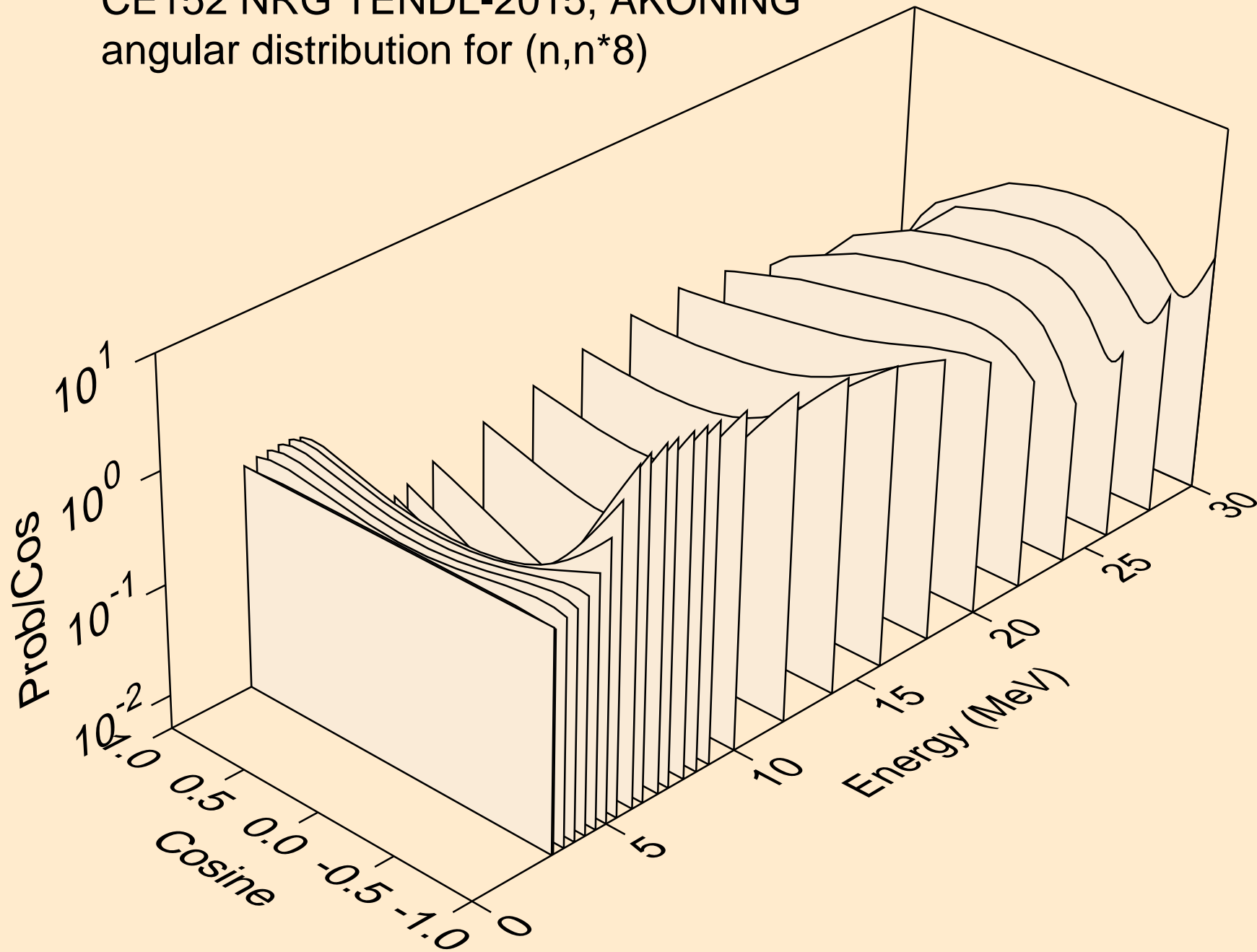
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

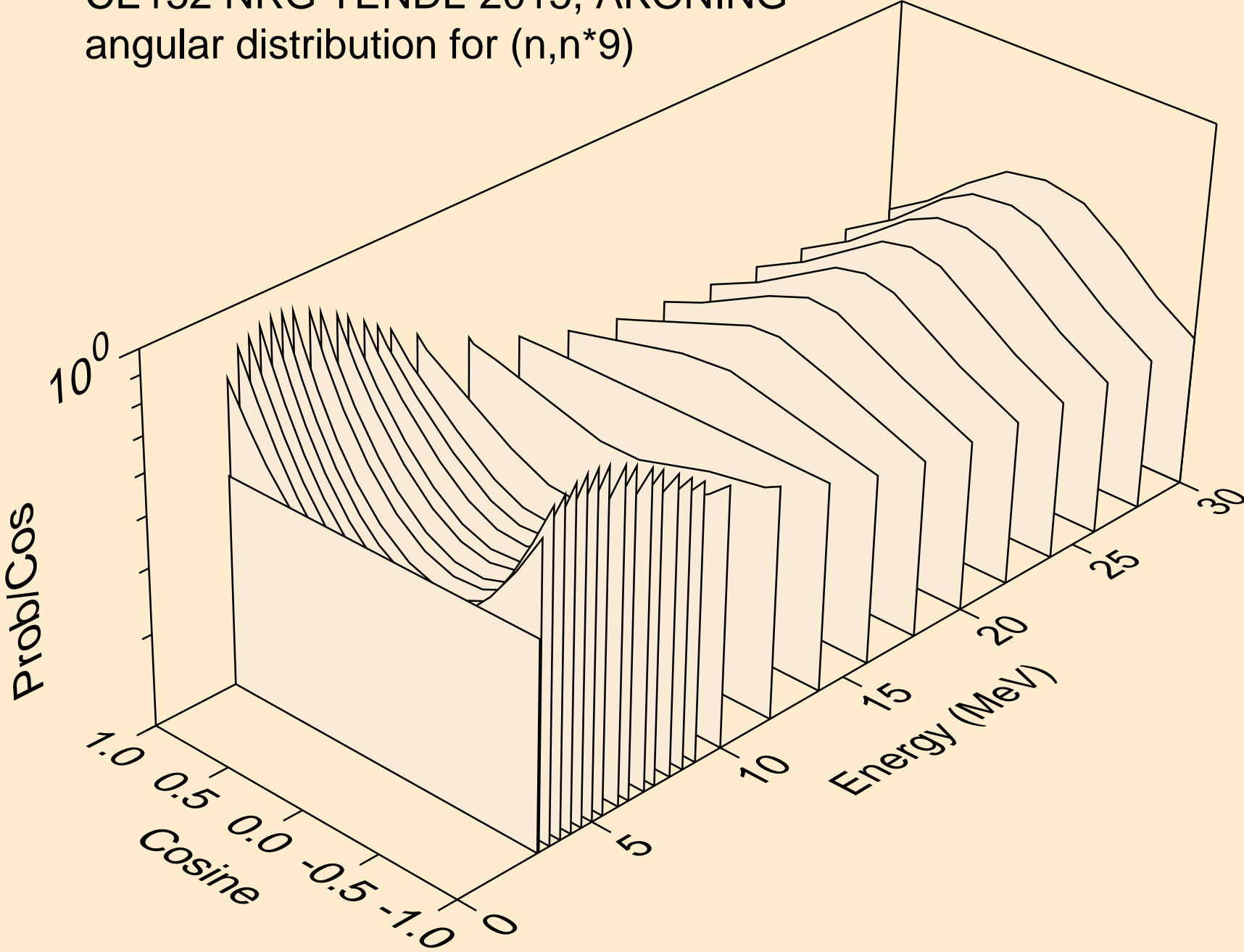


CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

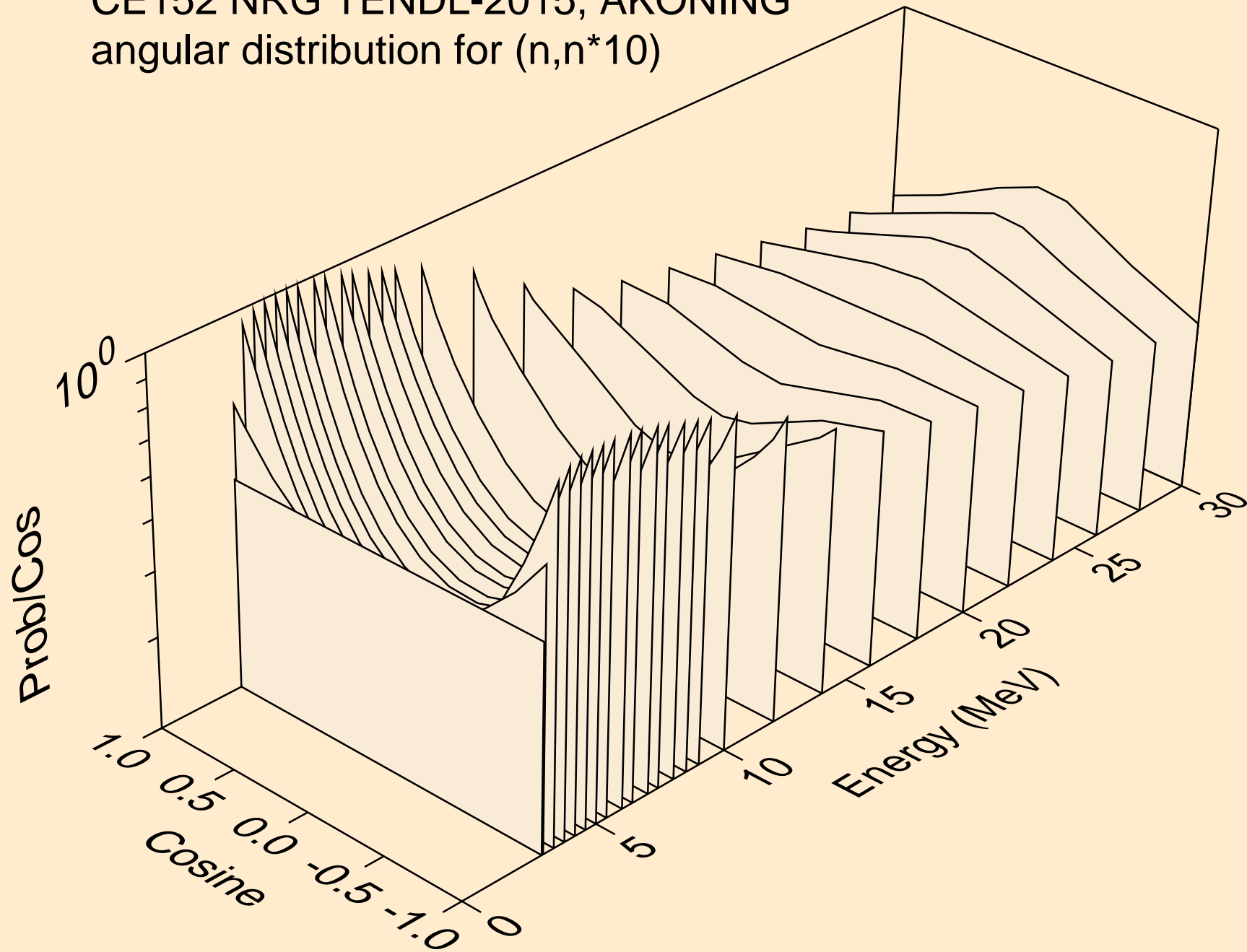




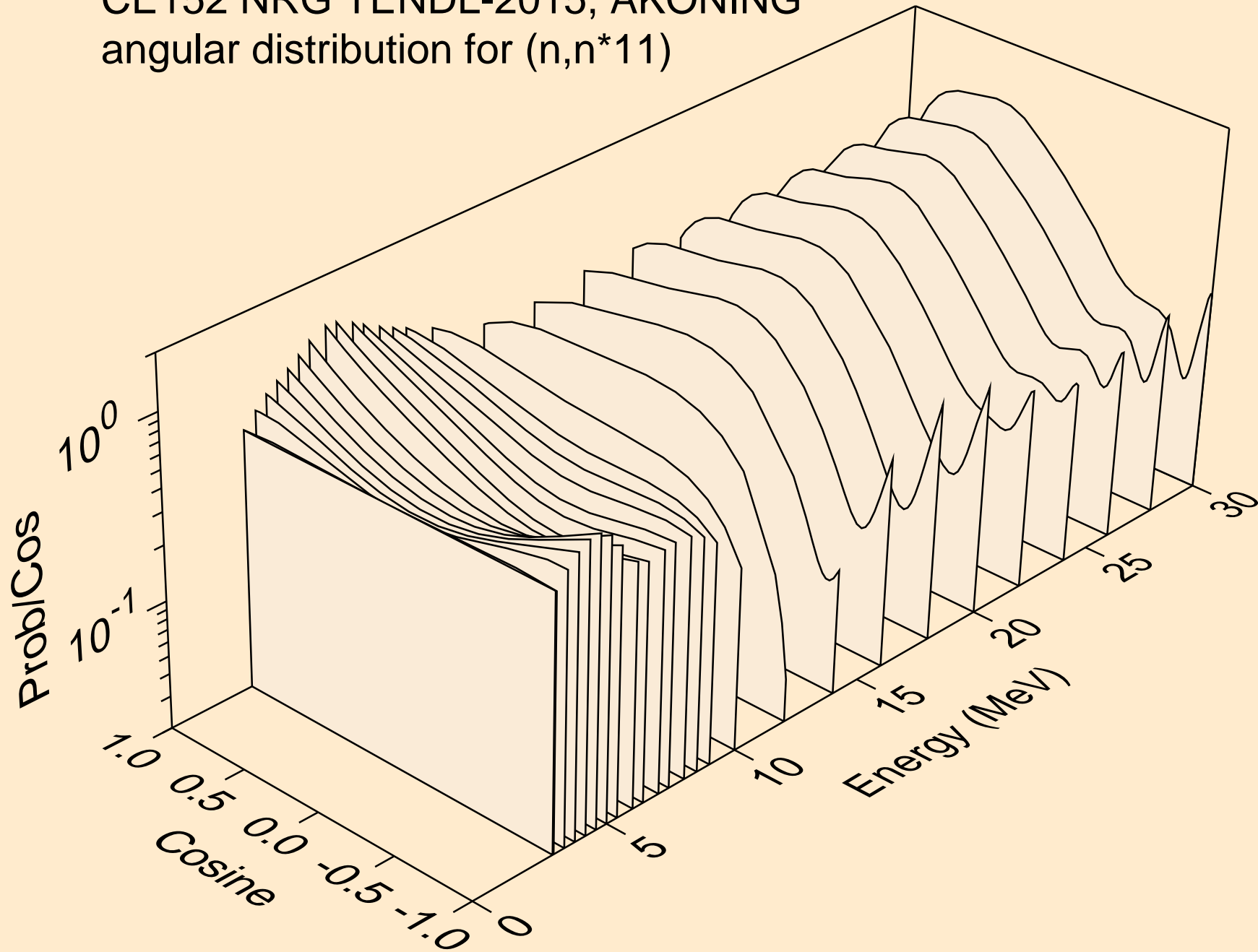
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



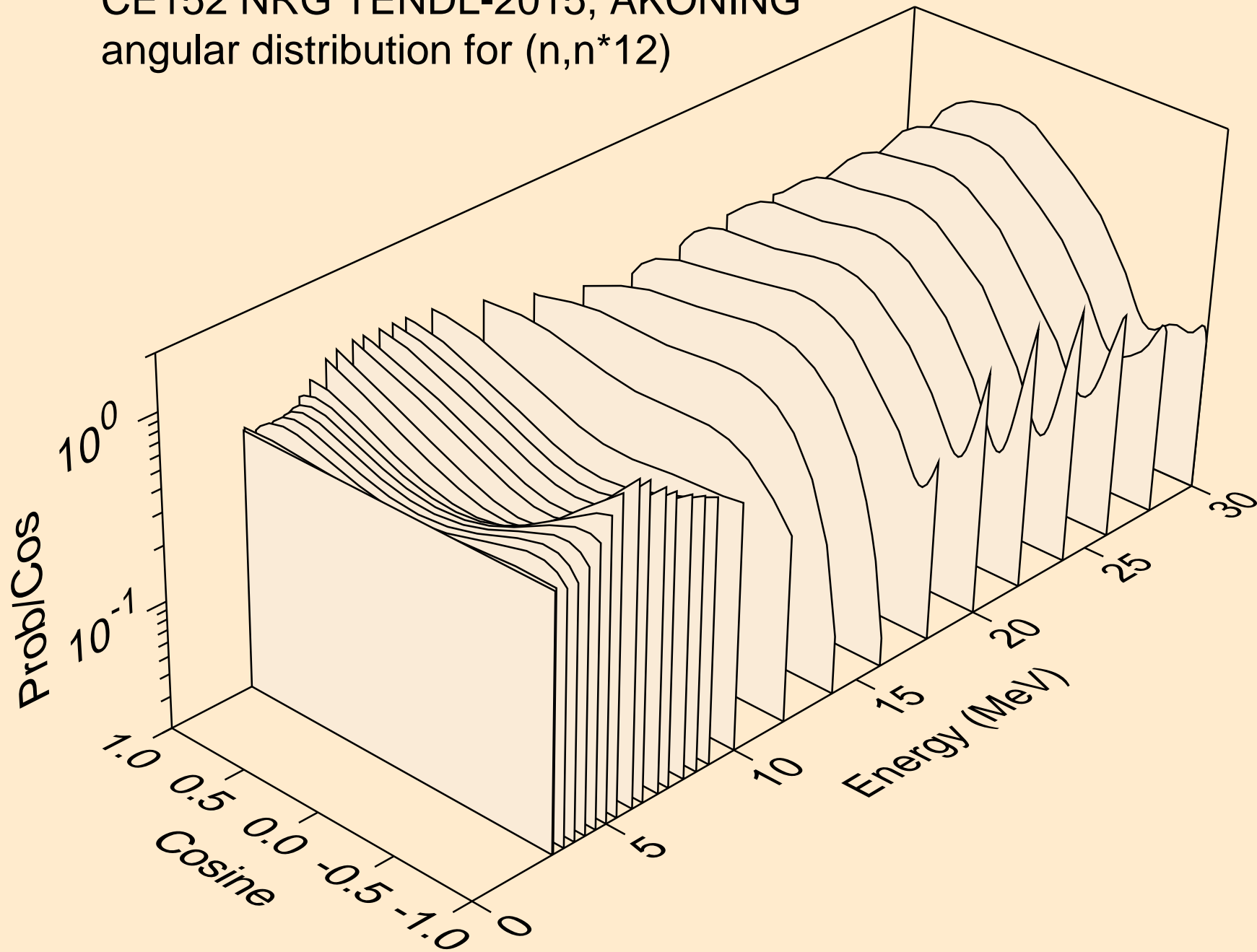
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



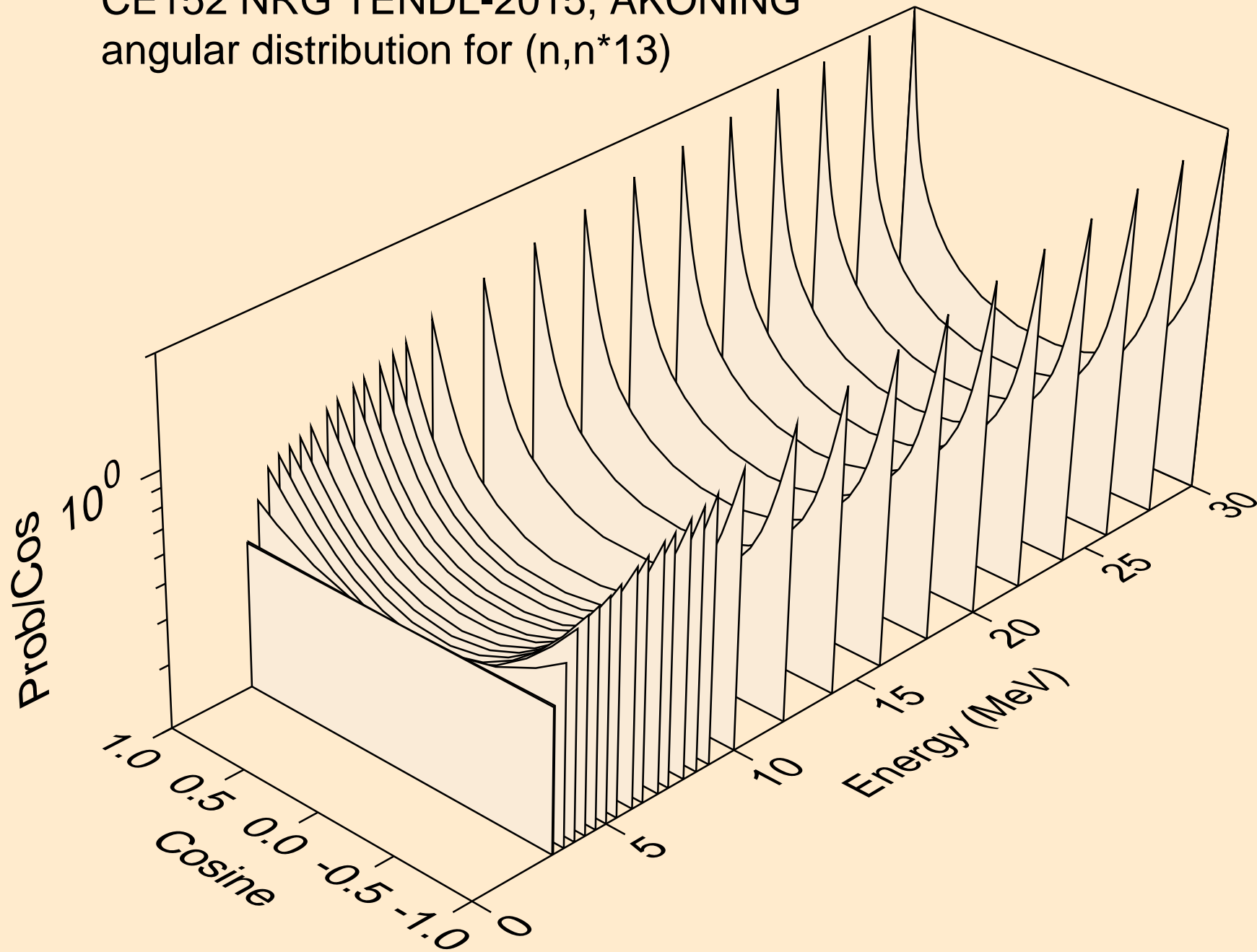
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



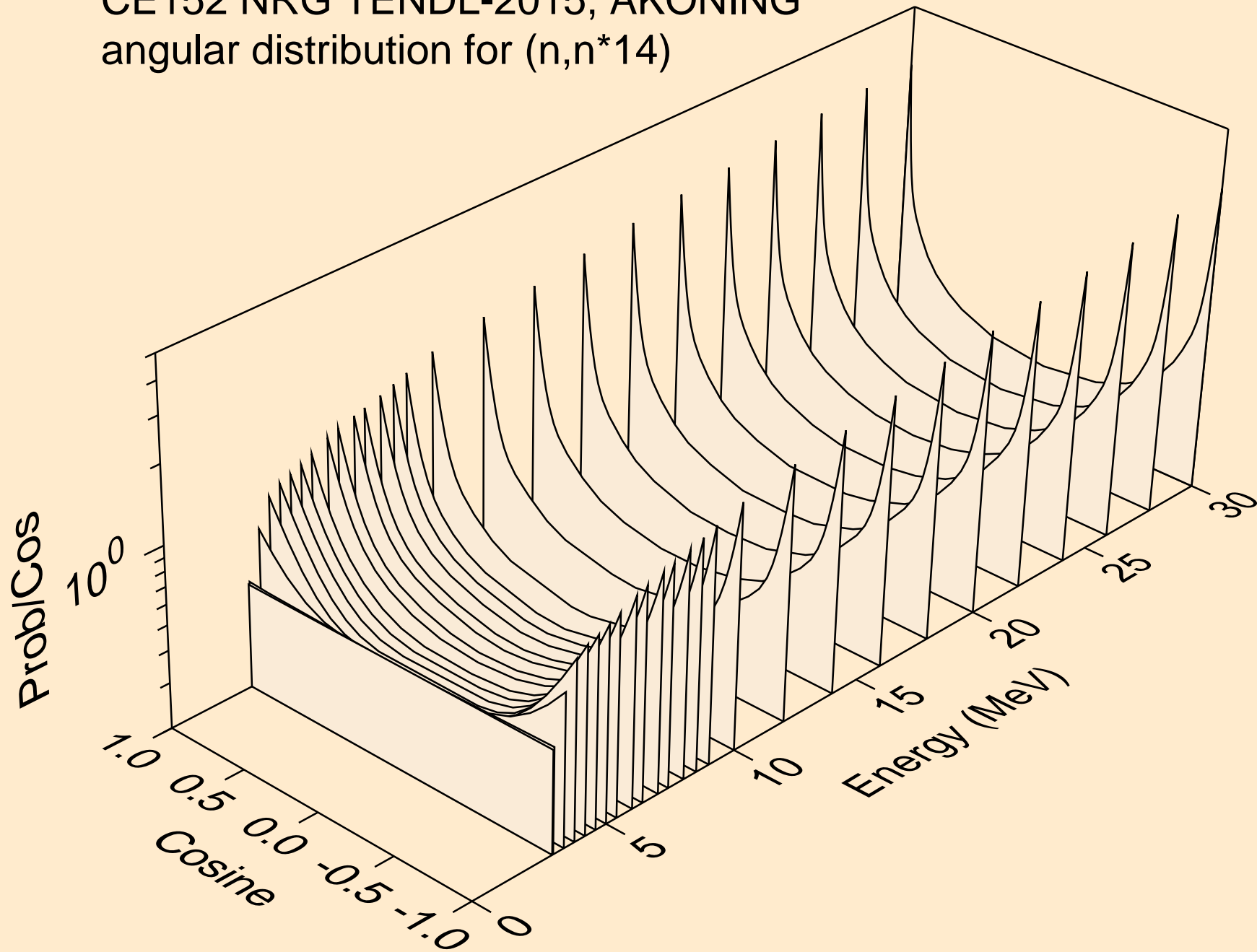
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



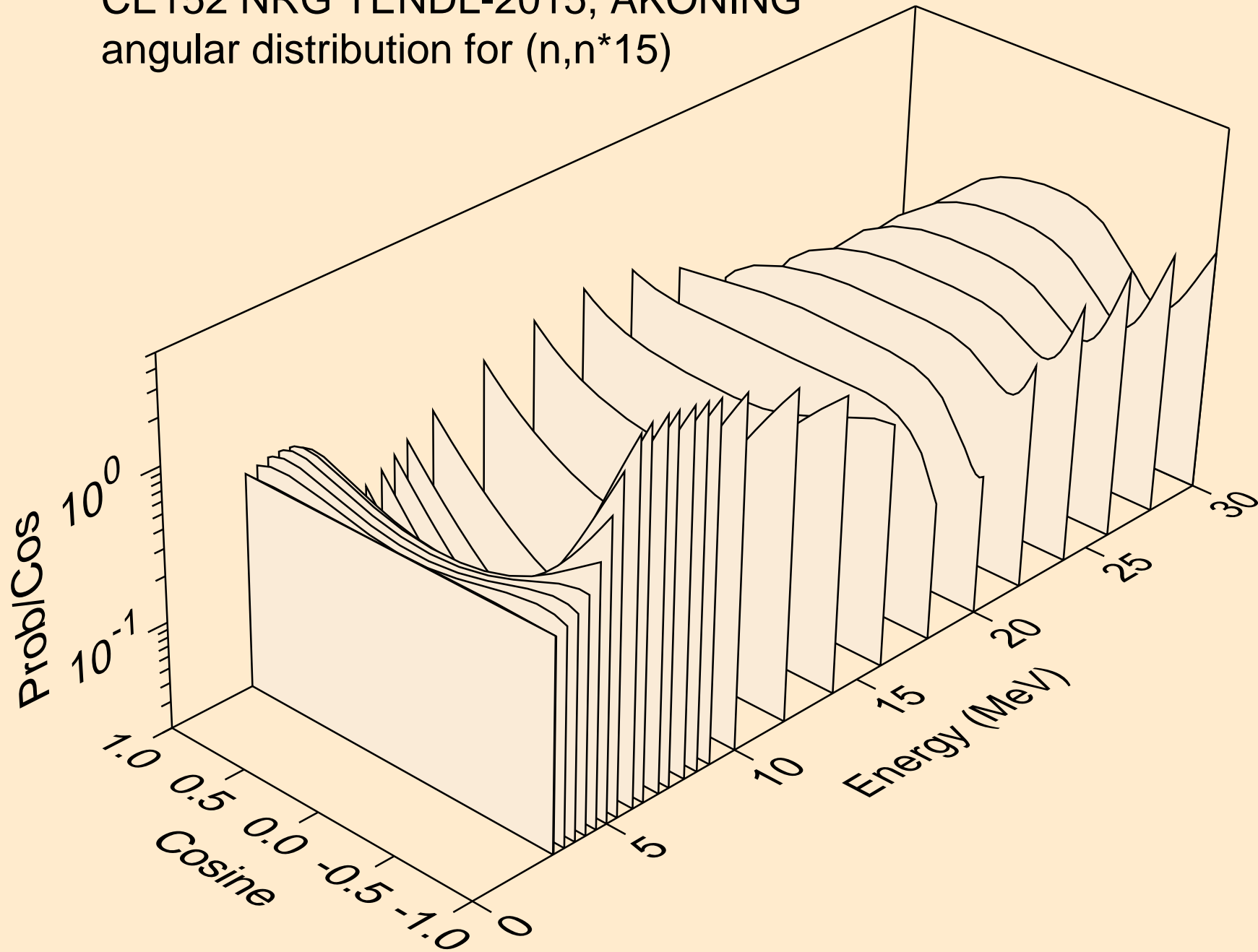
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



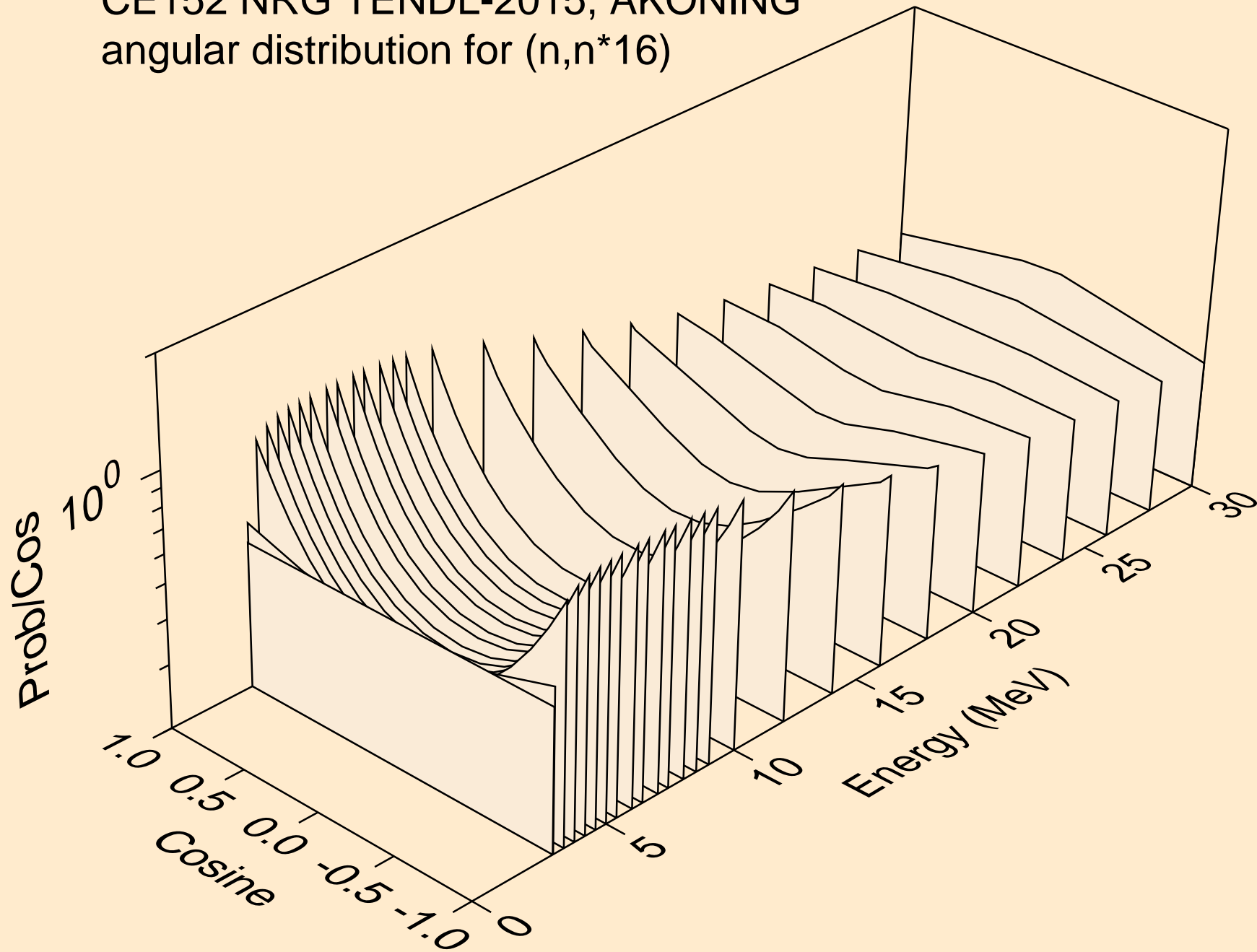
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

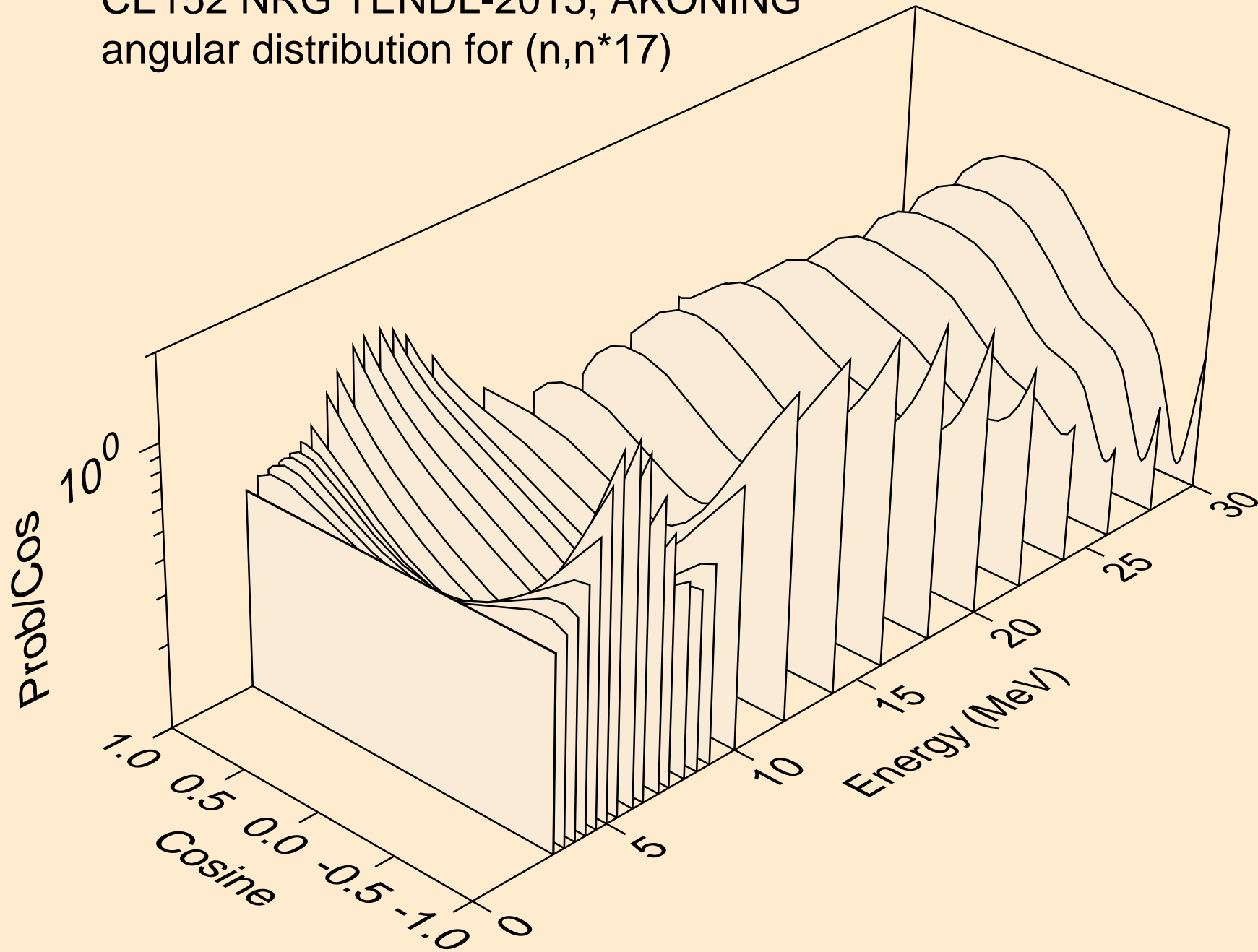


CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

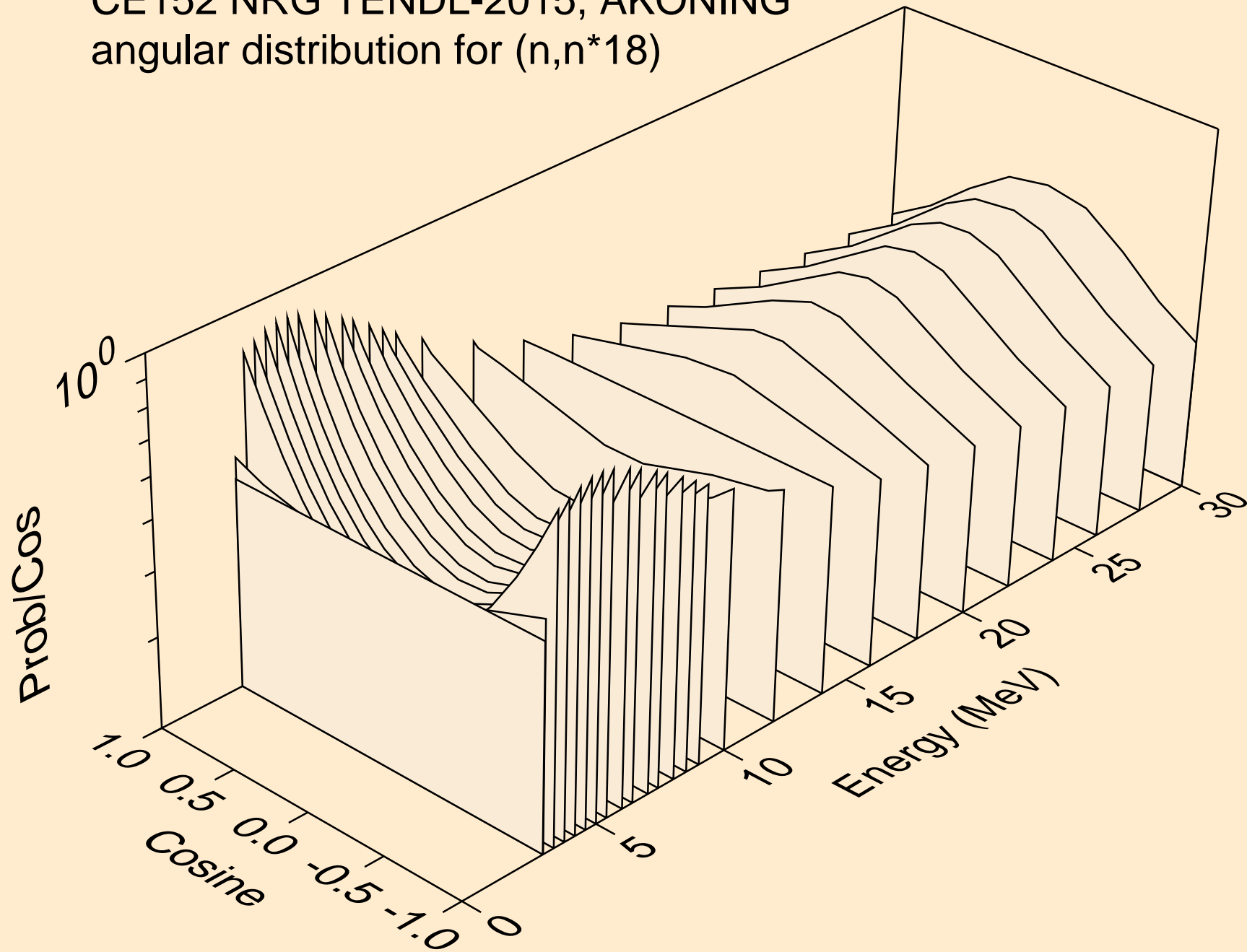




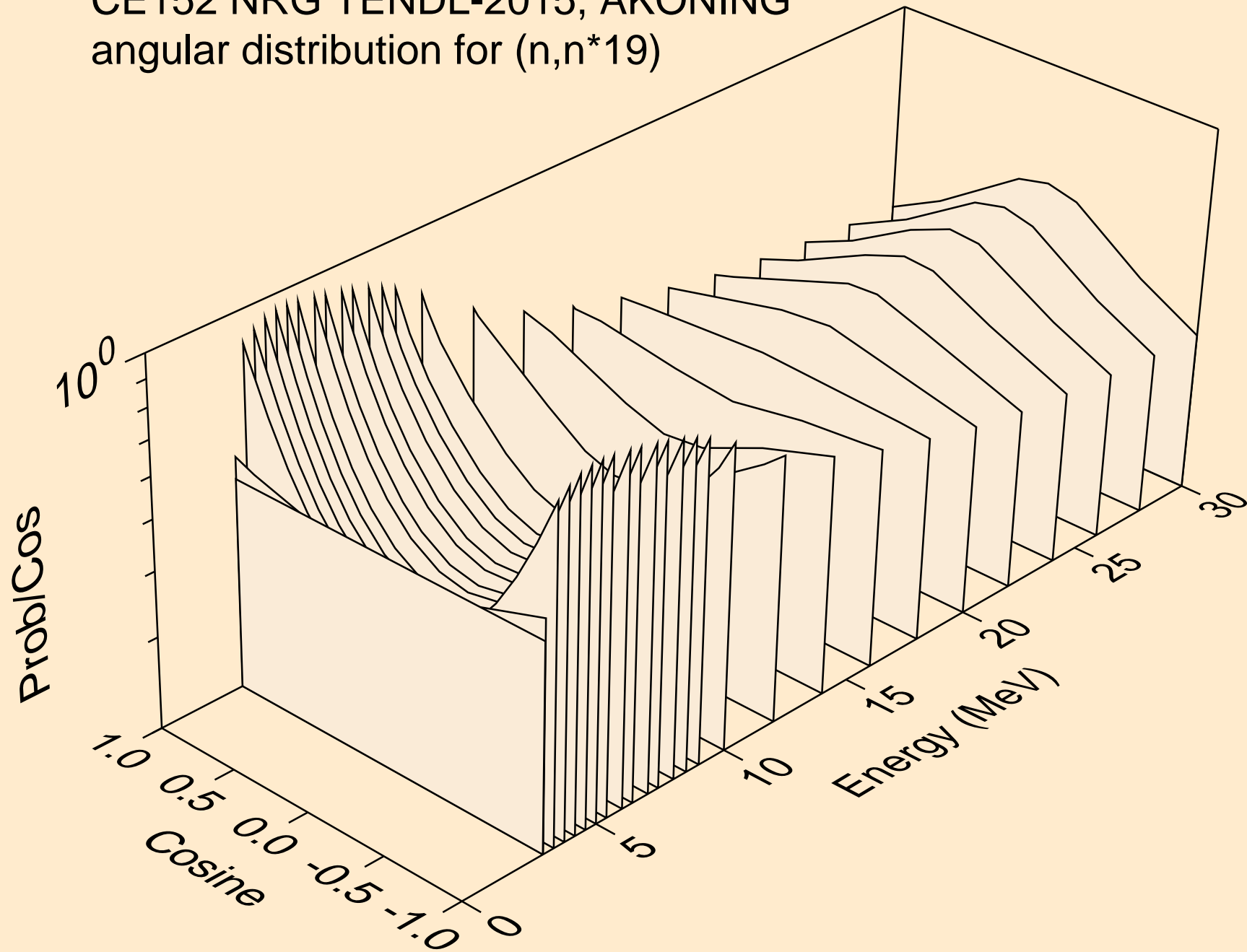
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



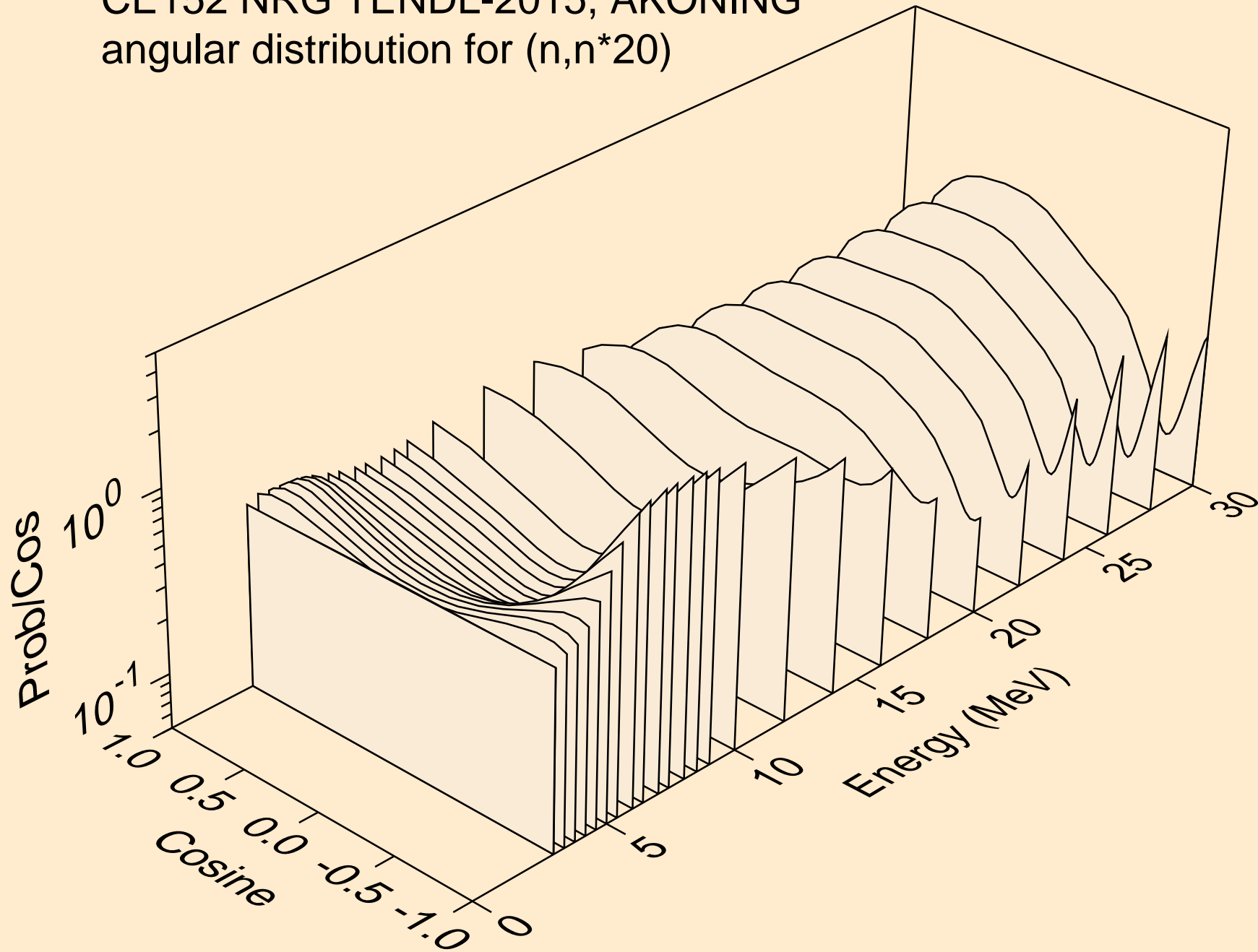
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



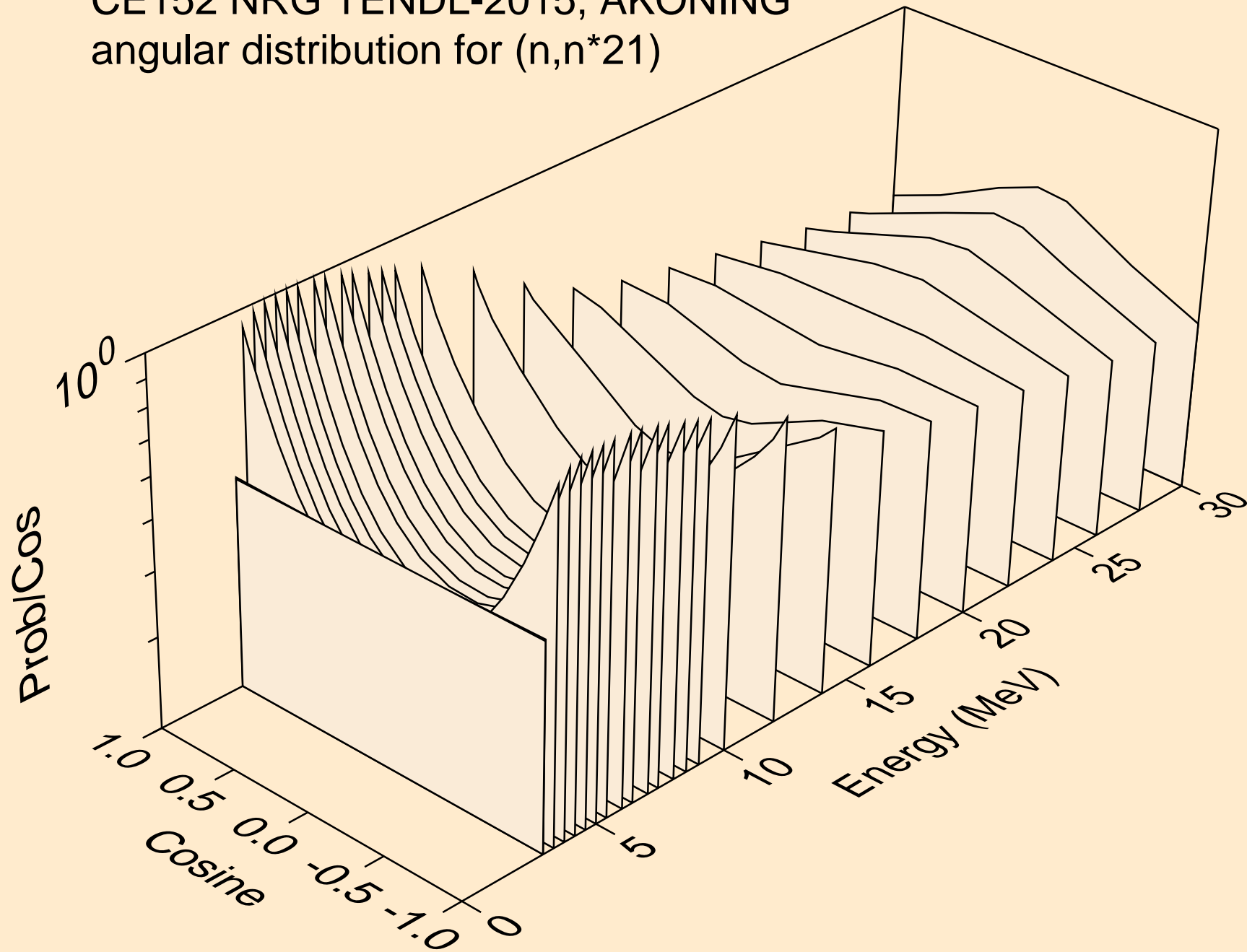
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



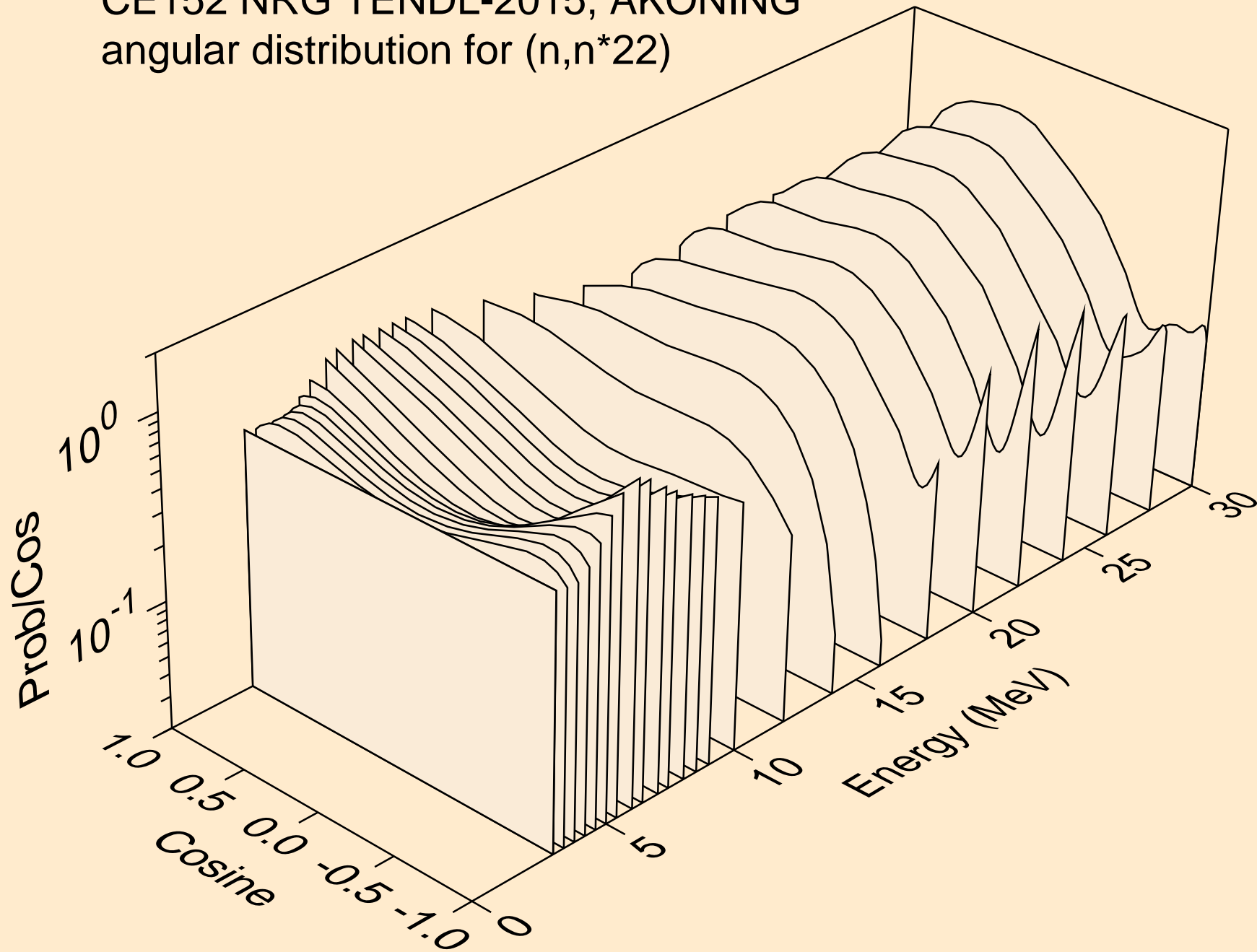
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



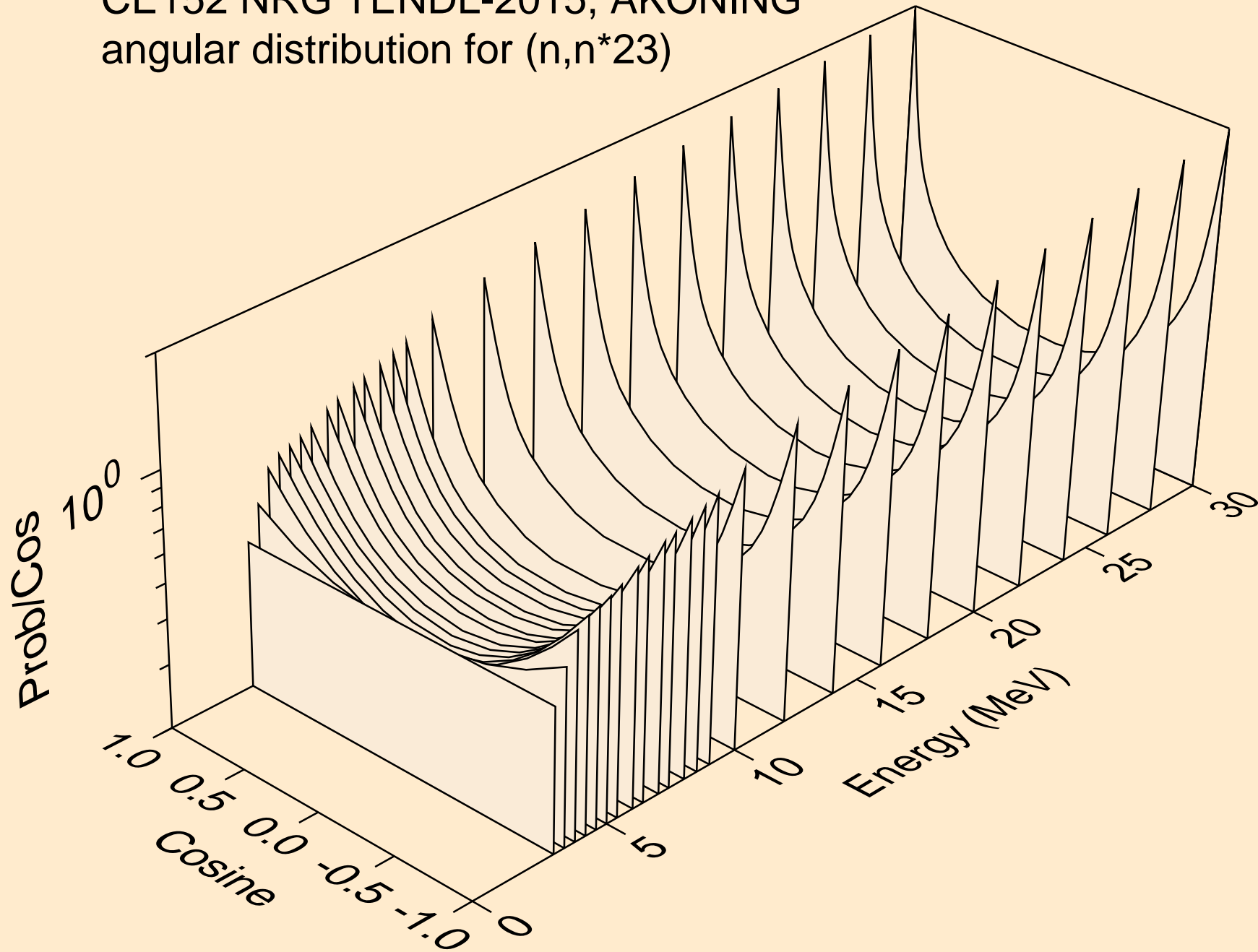
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



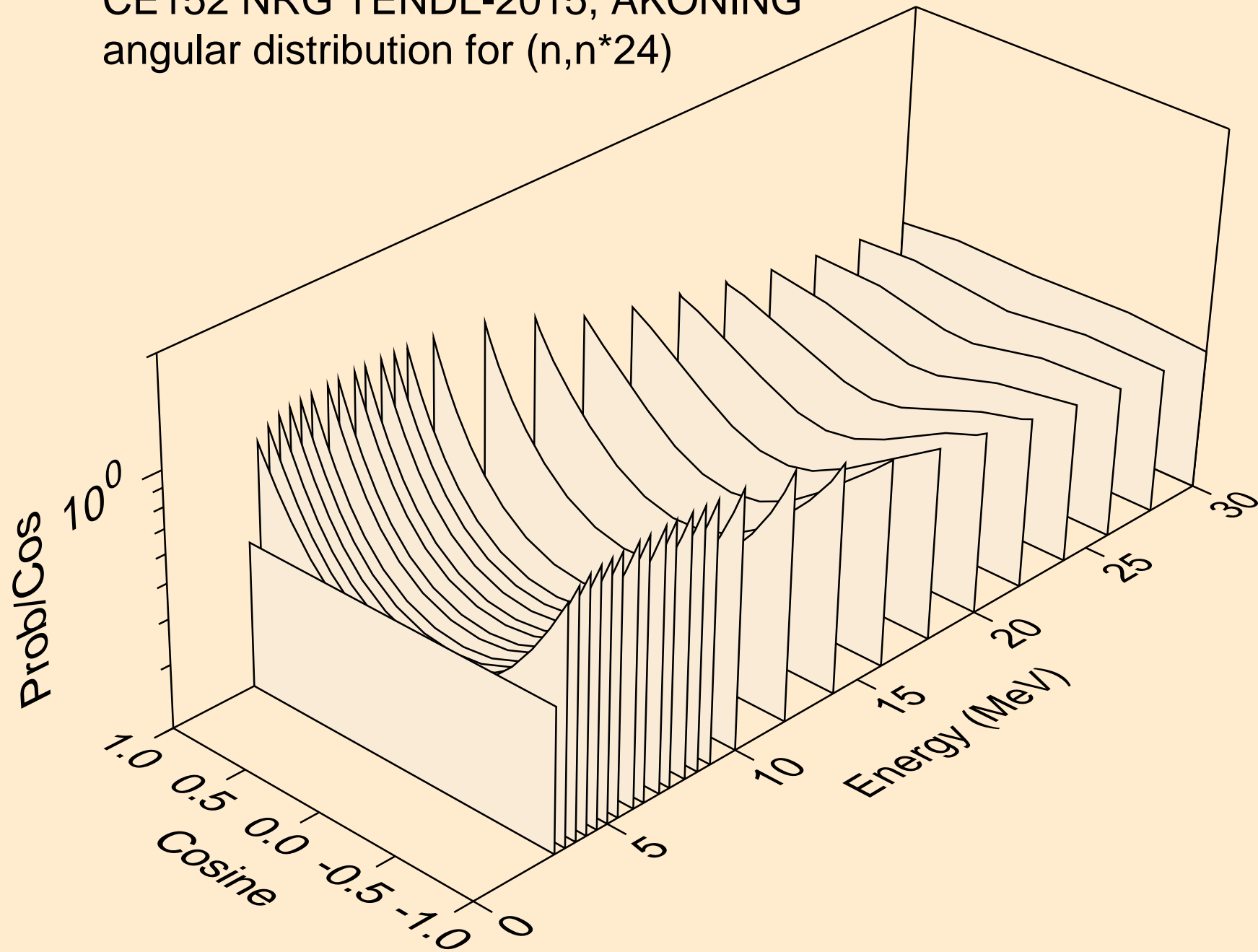
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

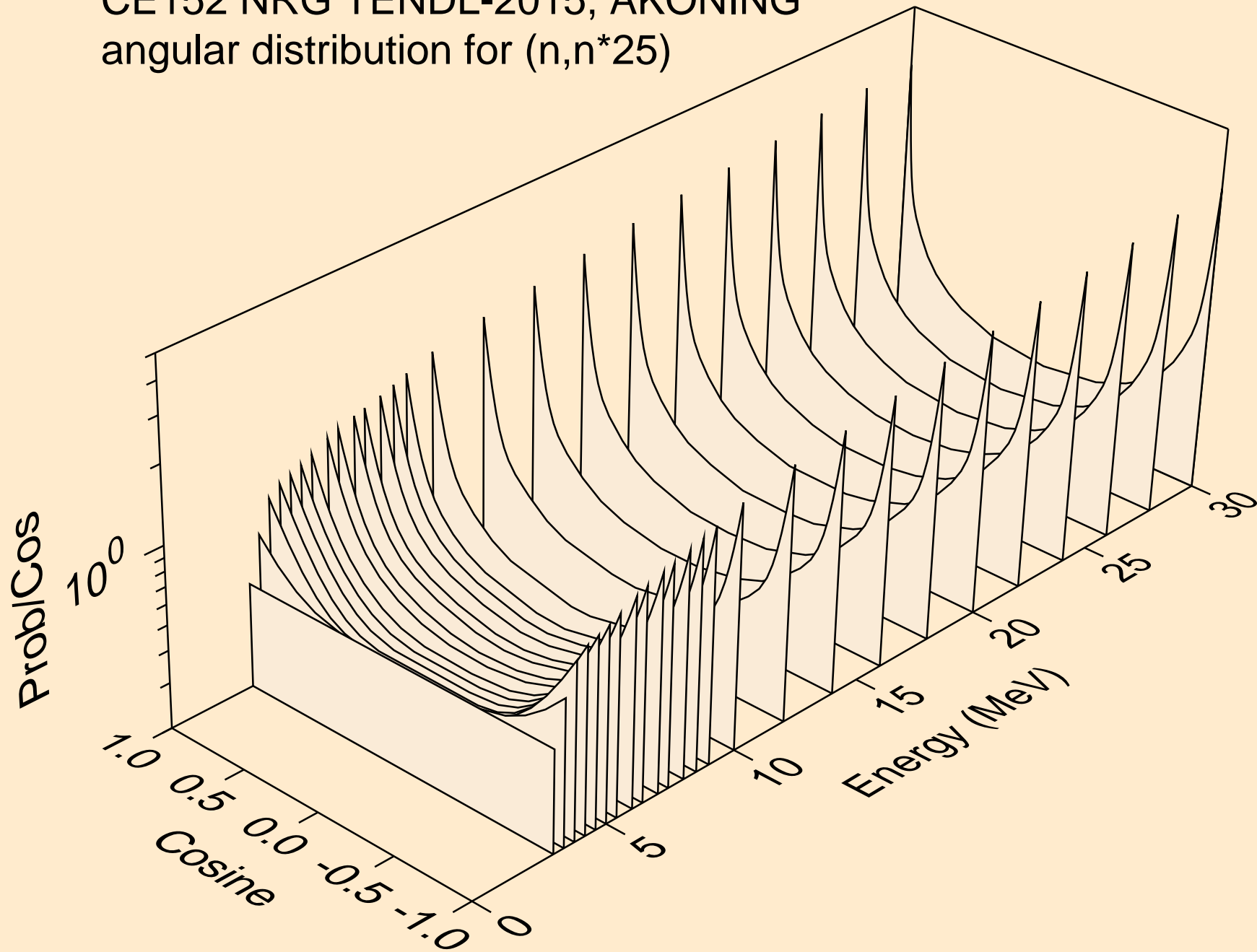


CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

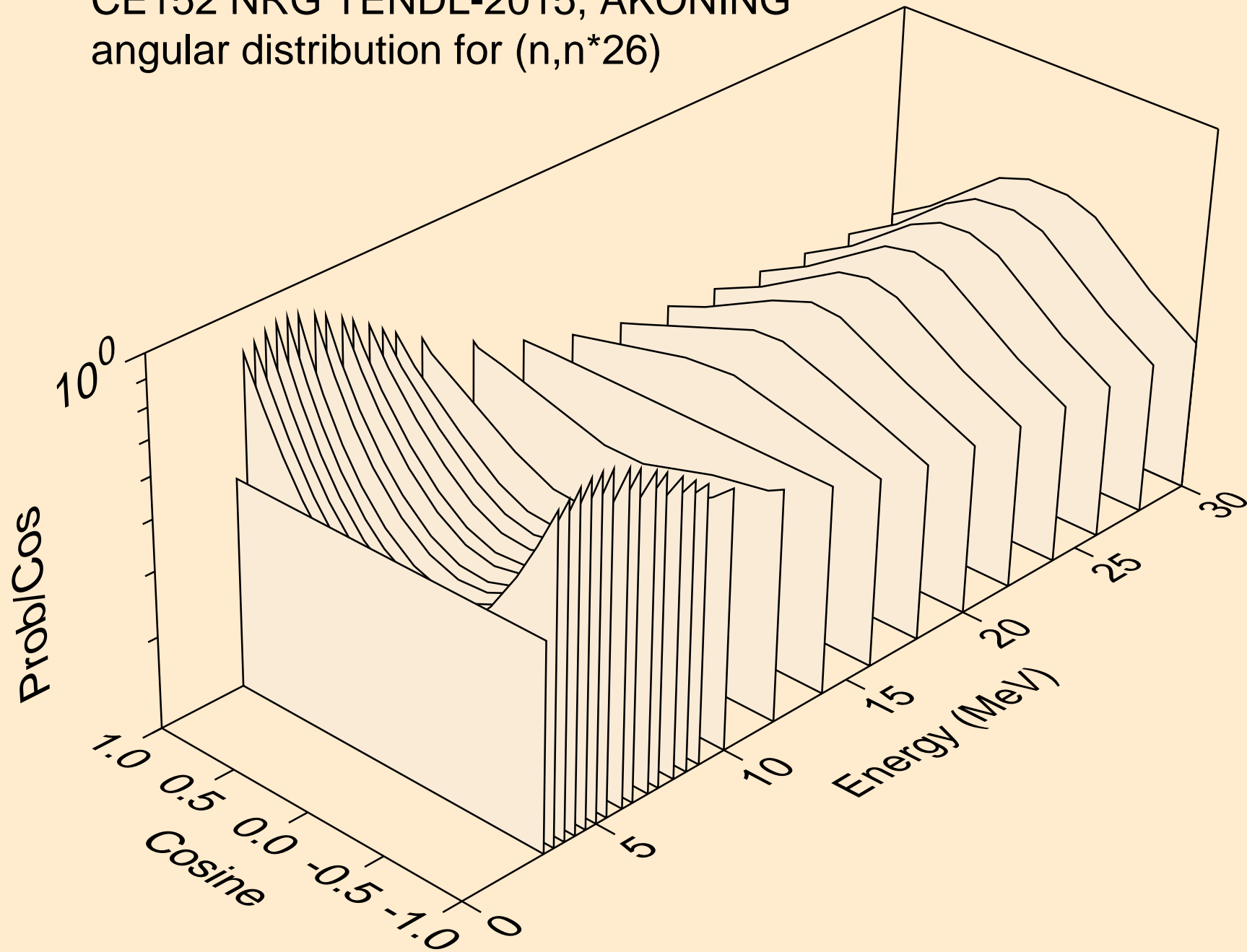




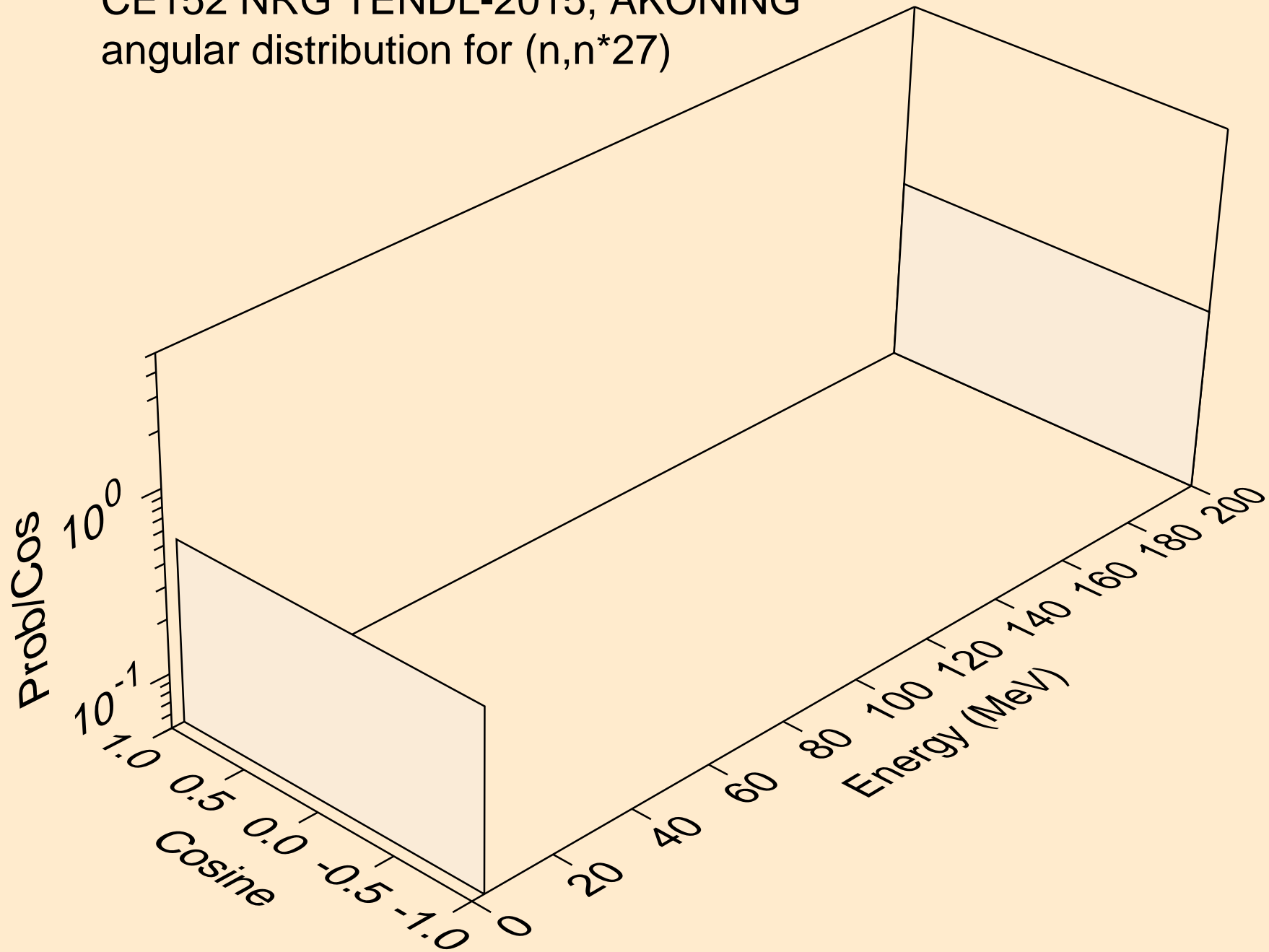
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



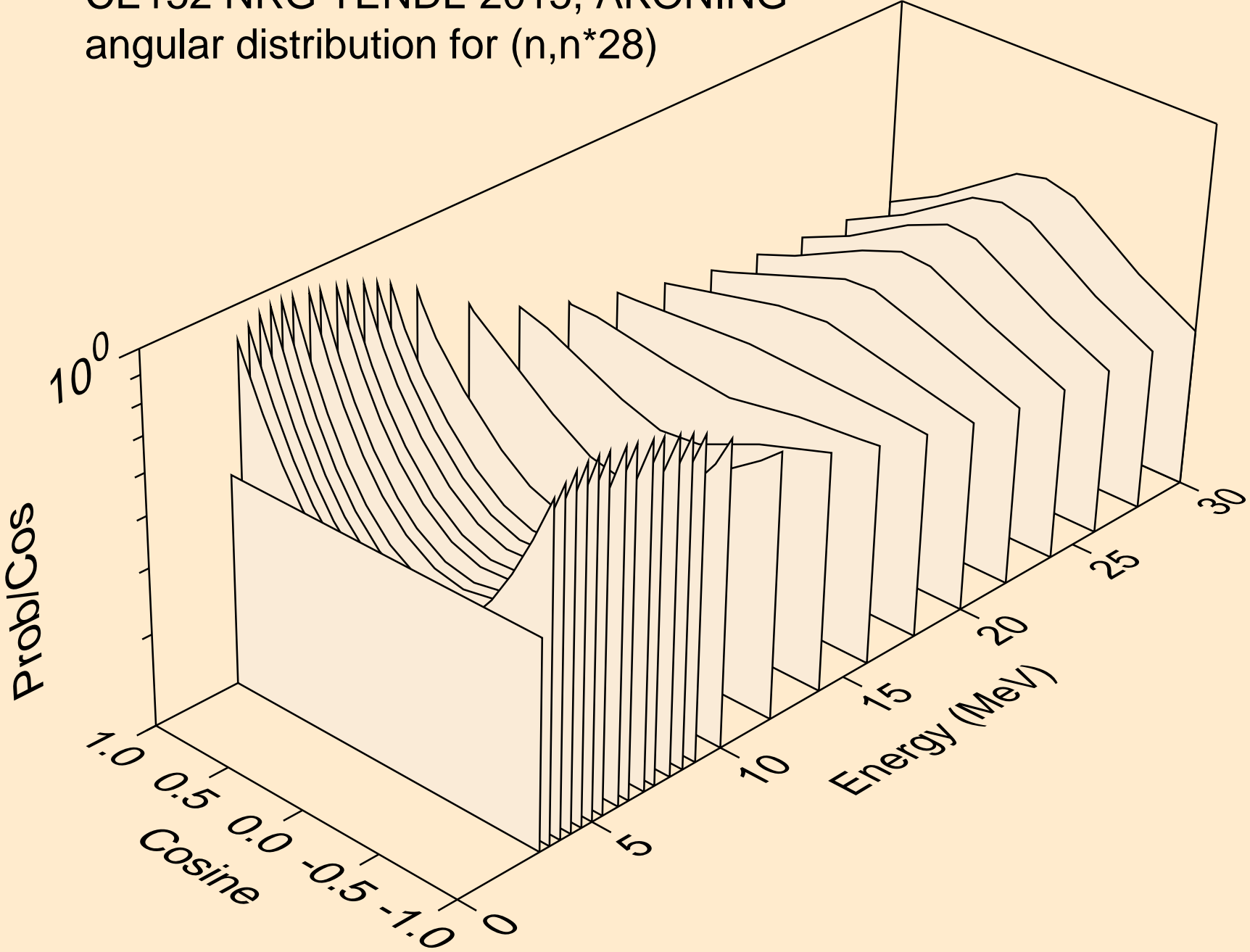
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



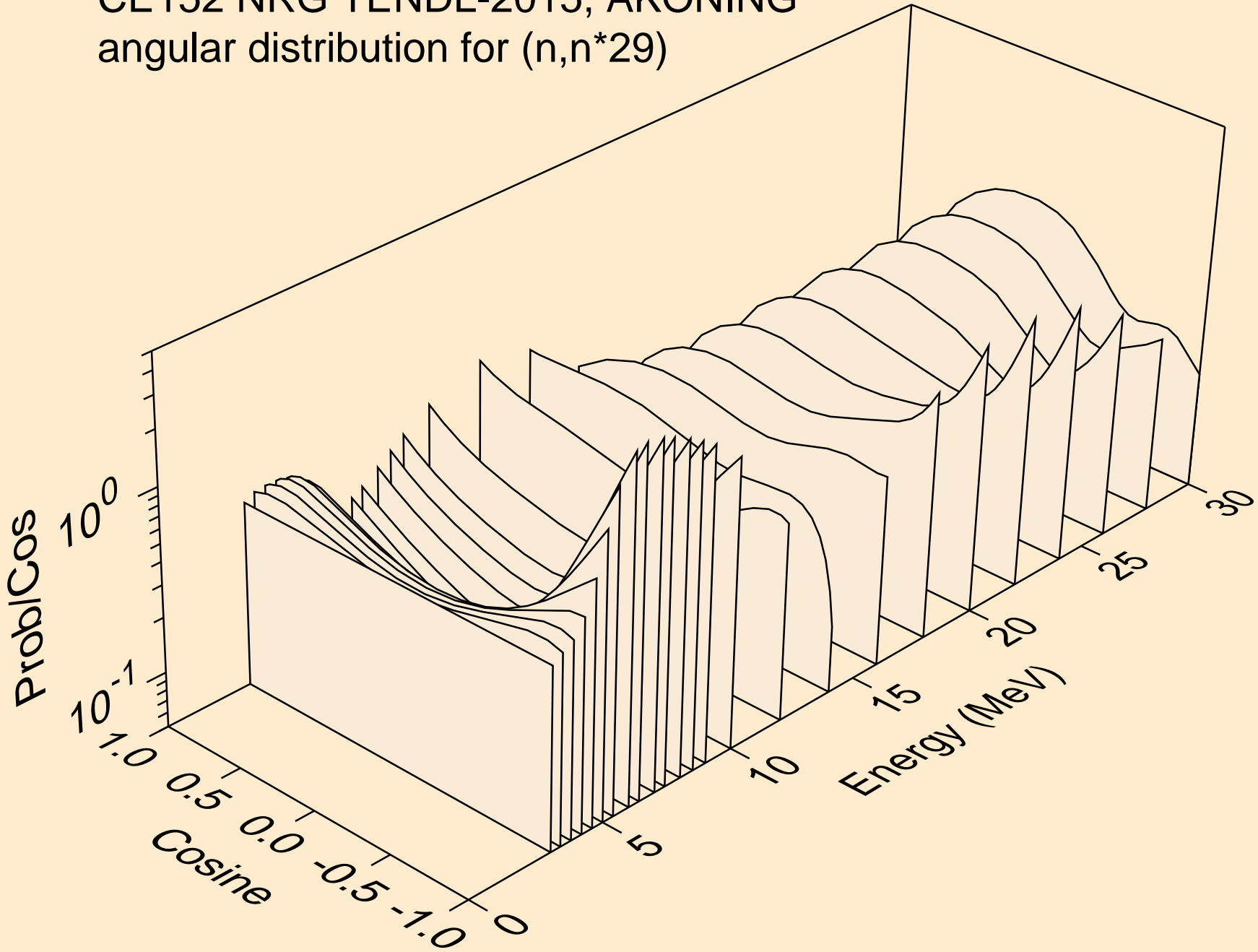
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



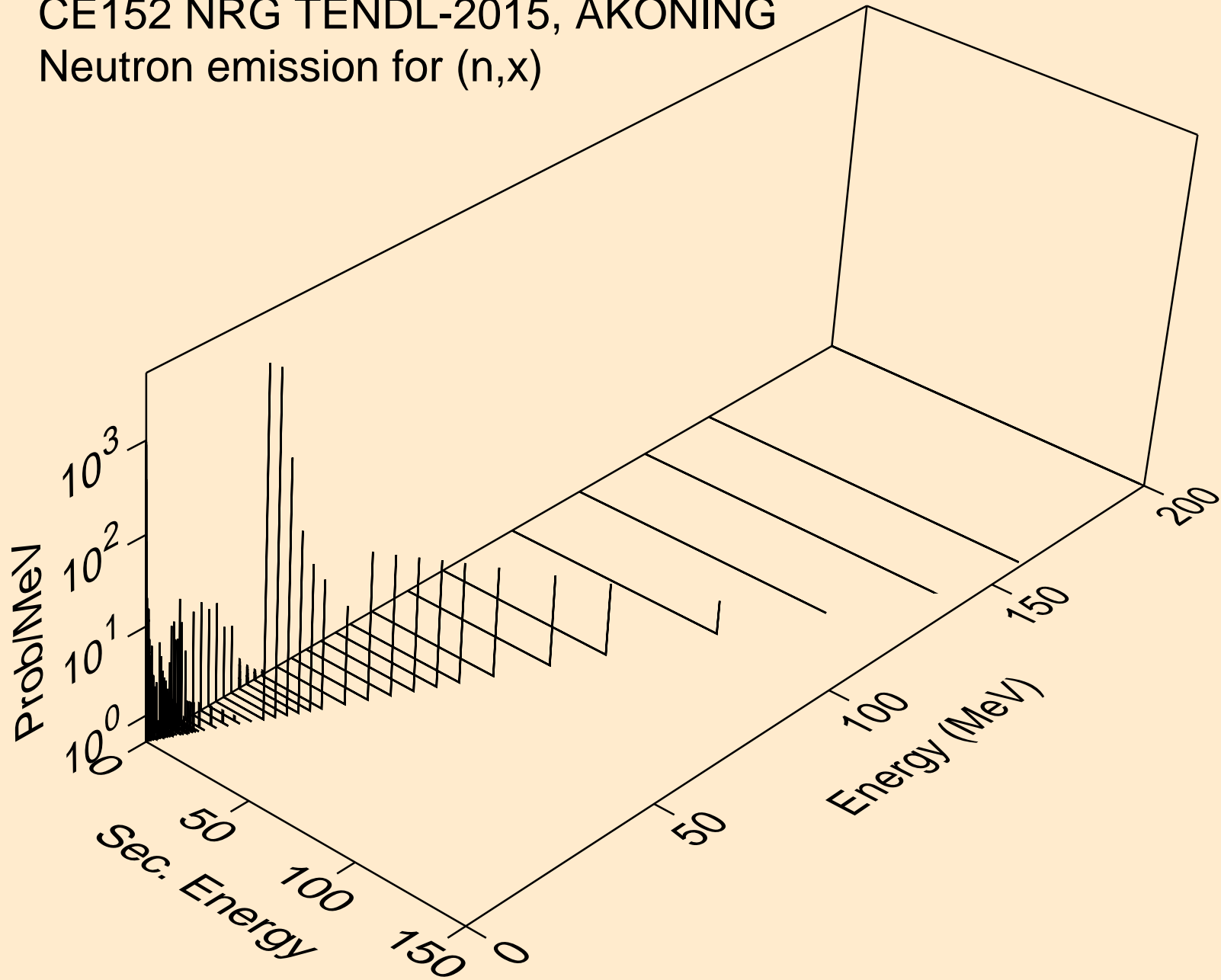
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



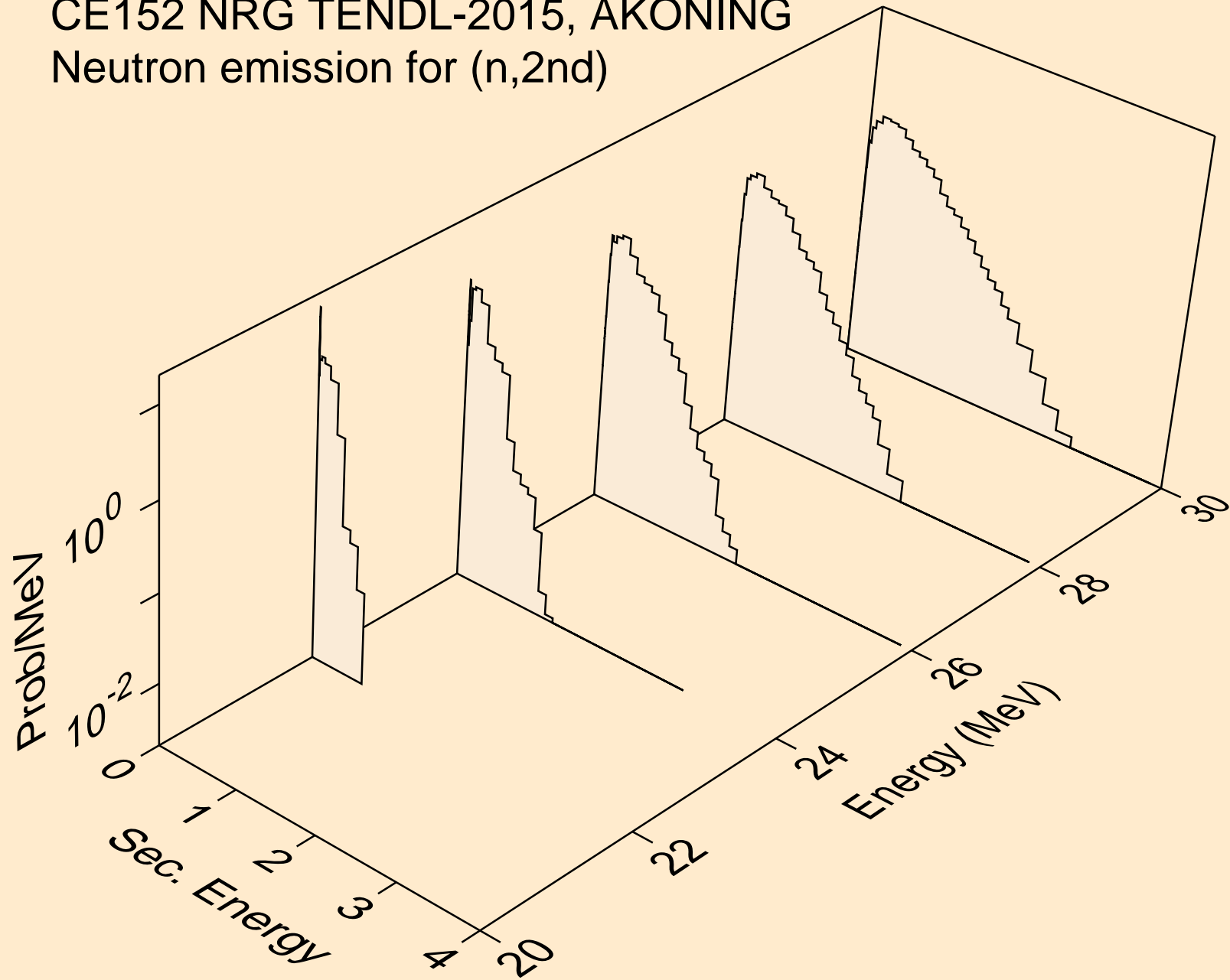
CE152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



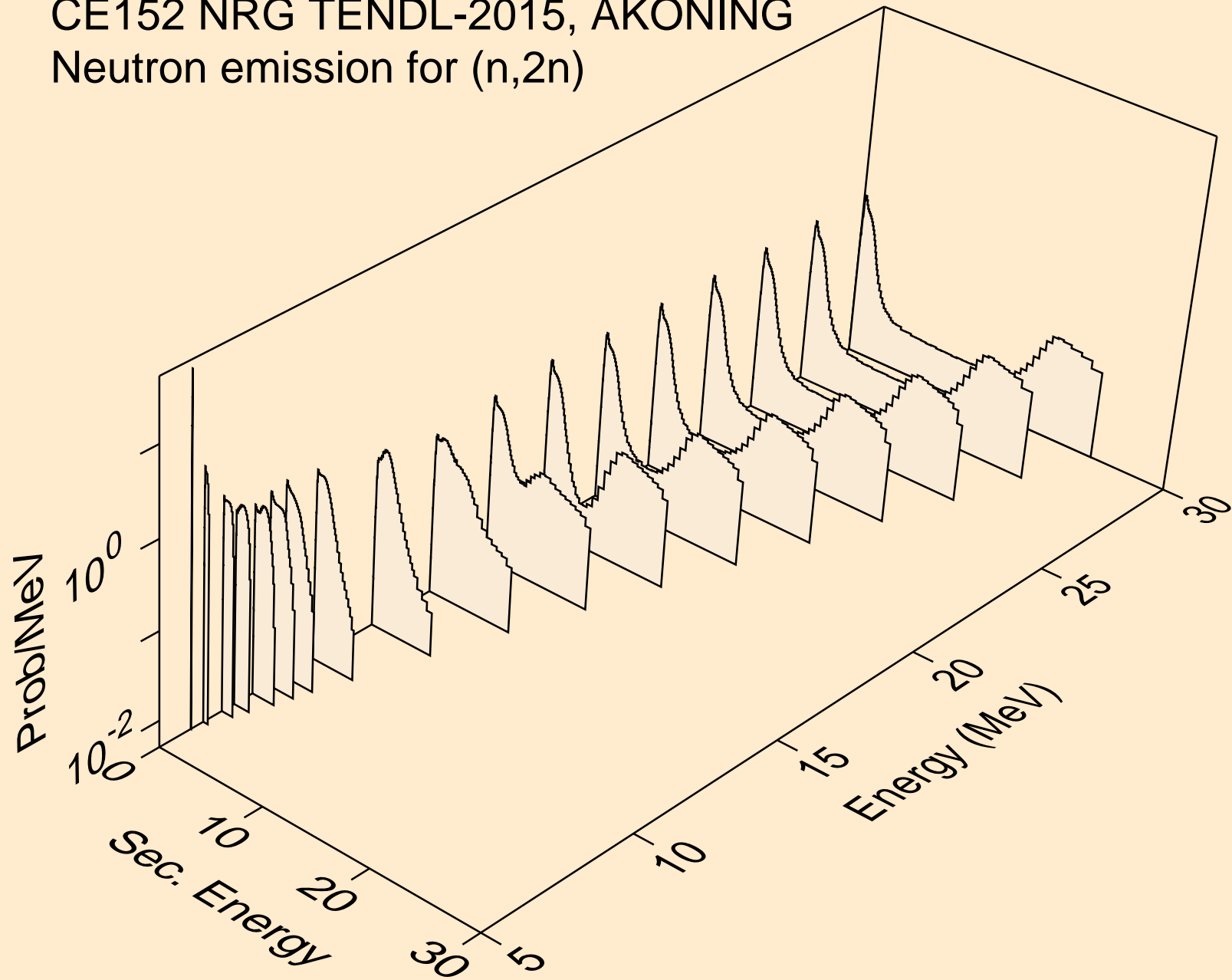
CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

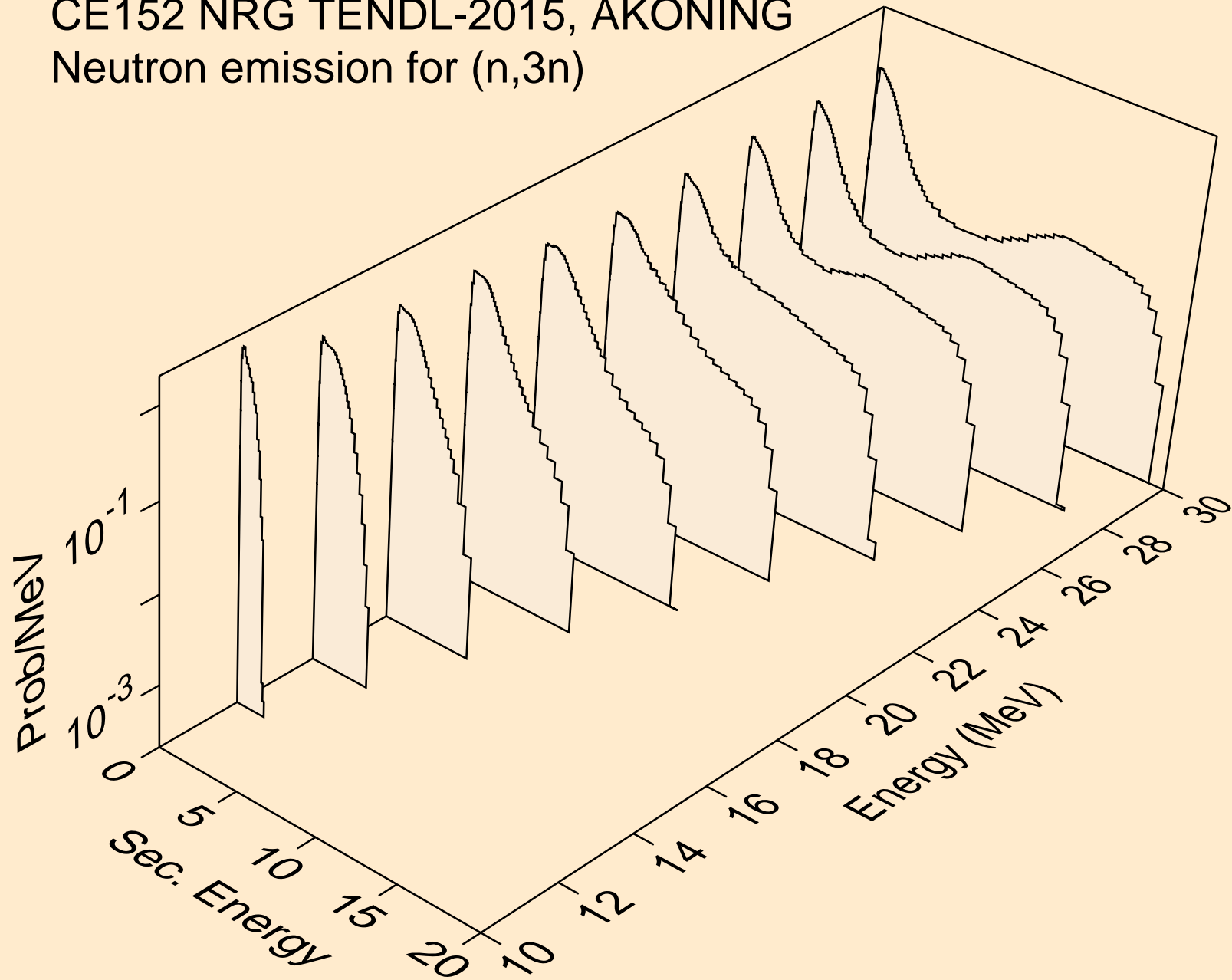


CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

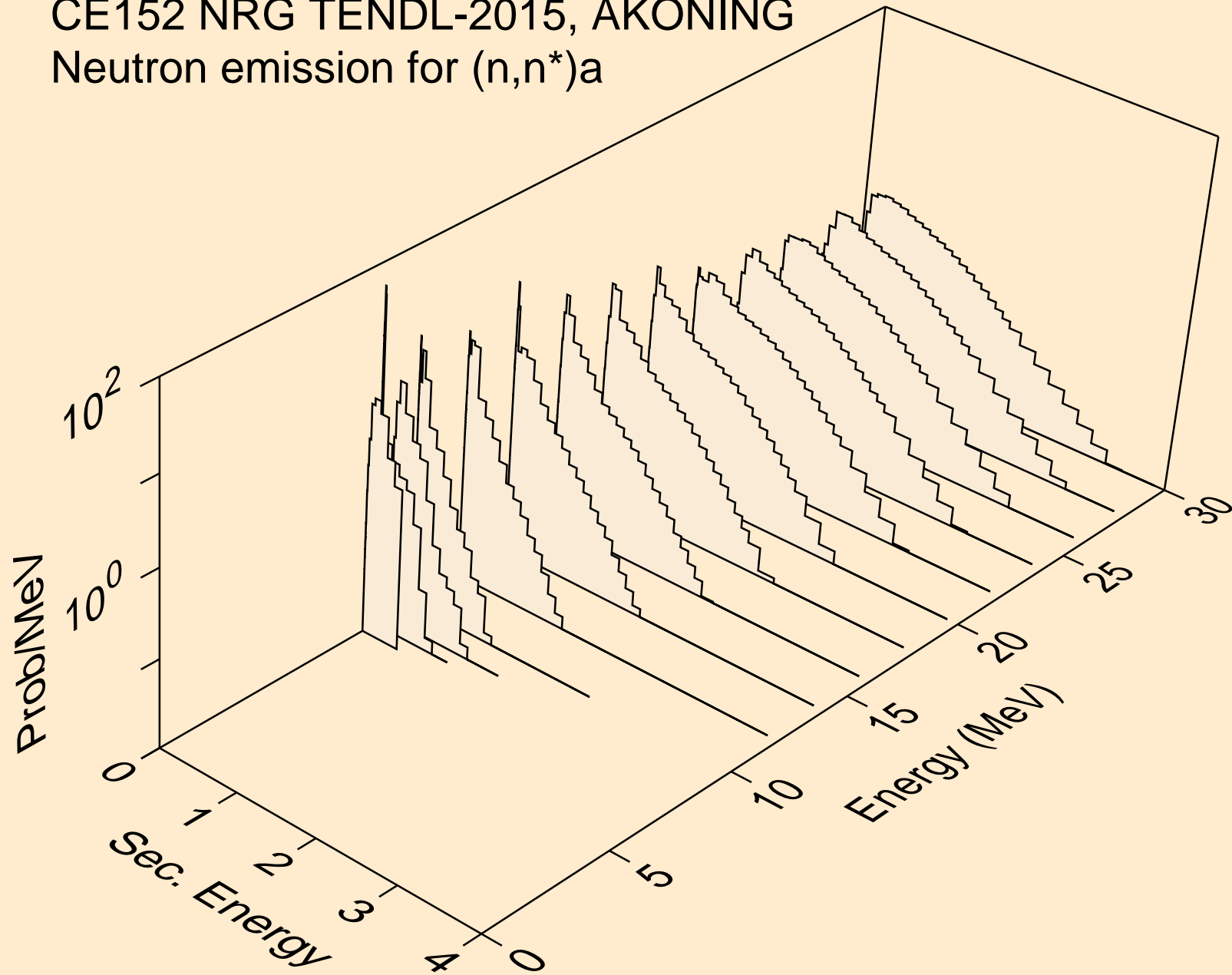




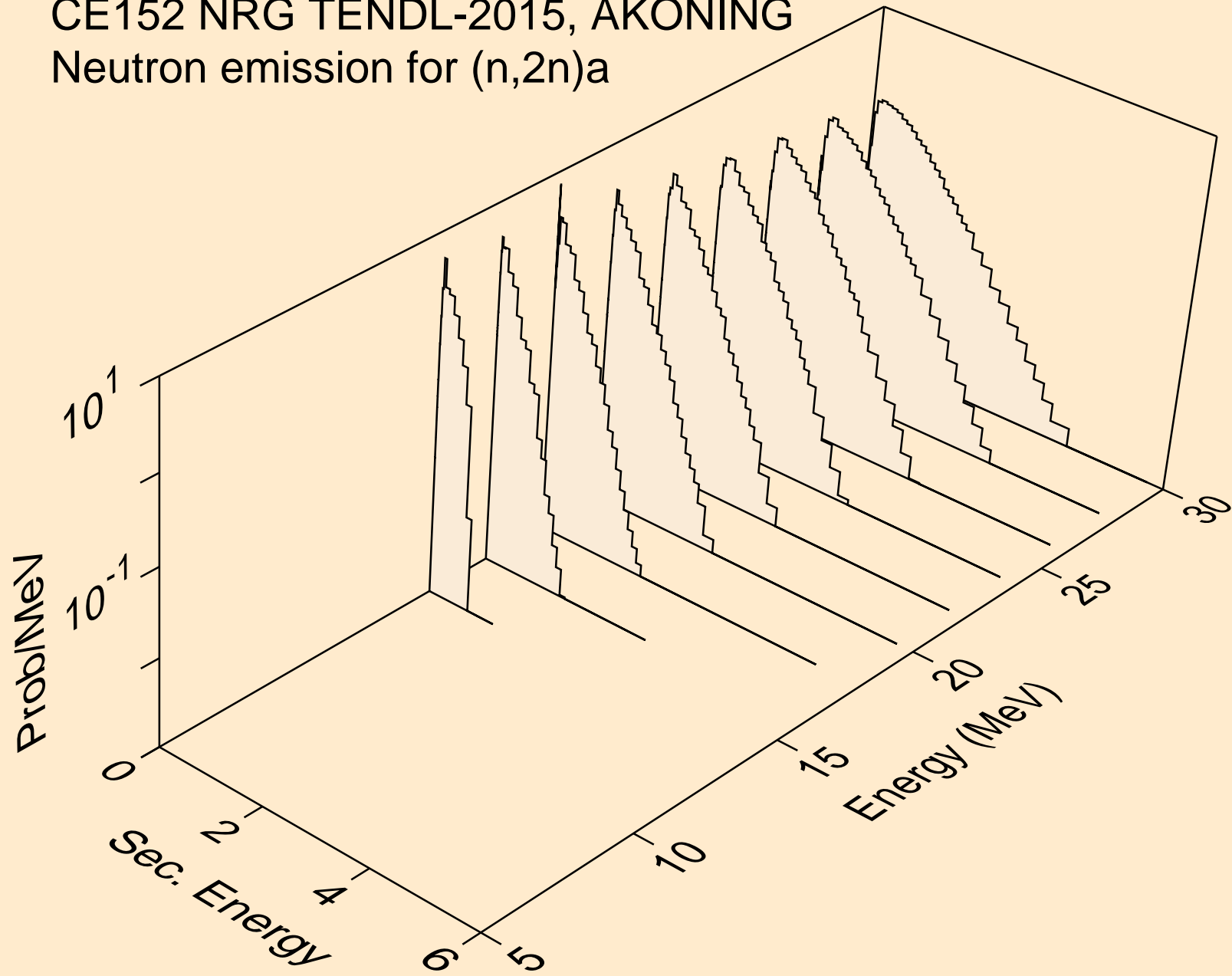
CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



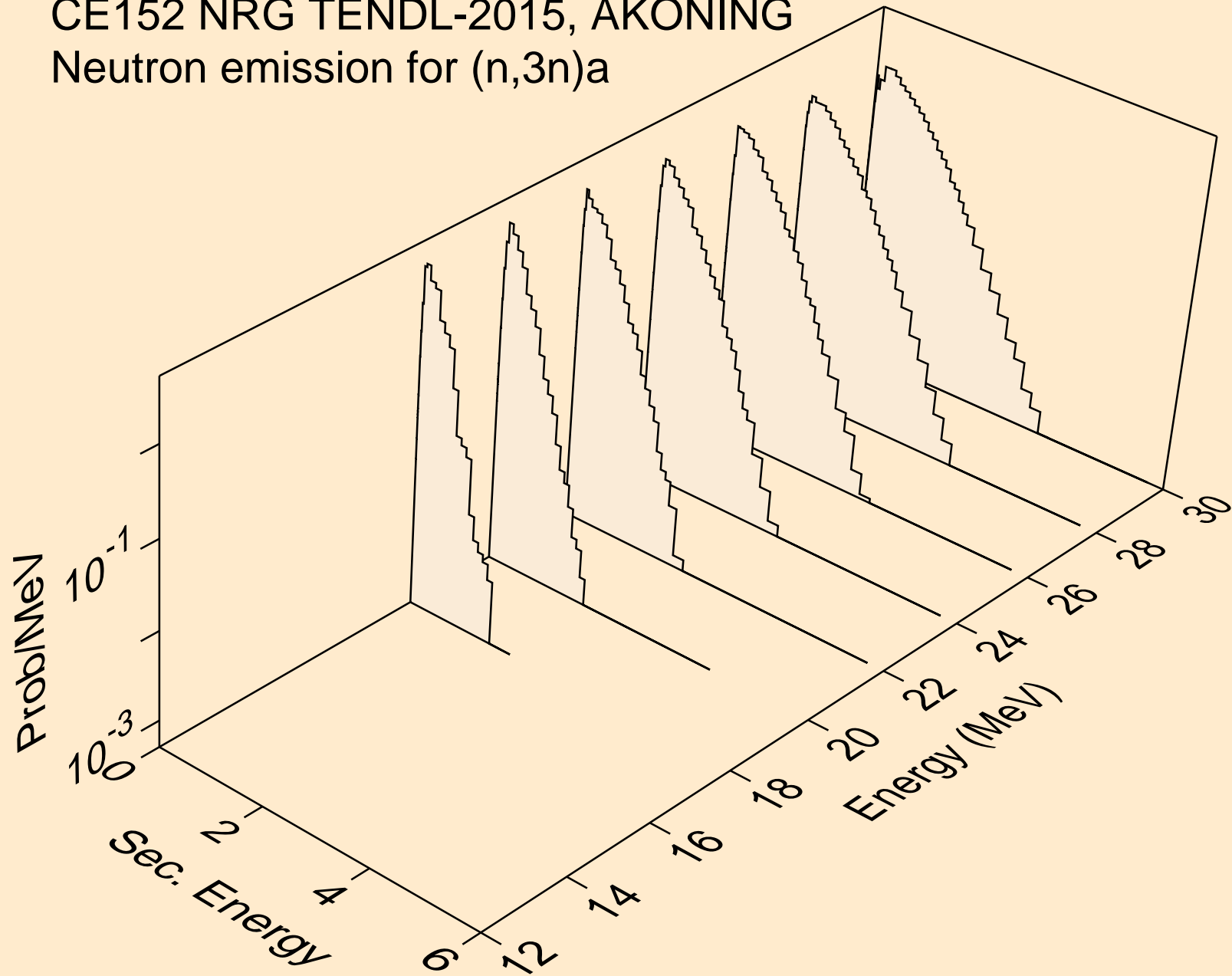
CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



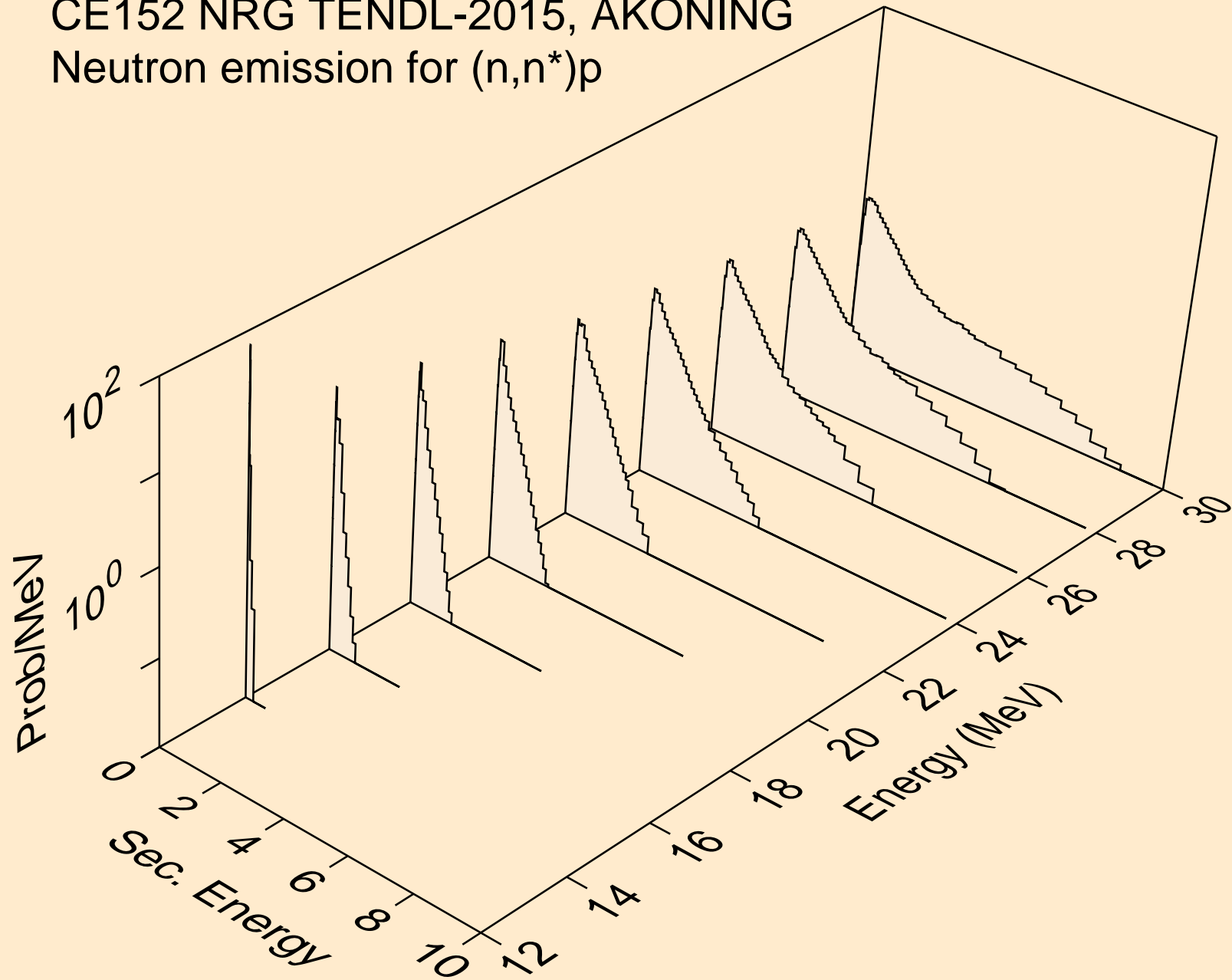
CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



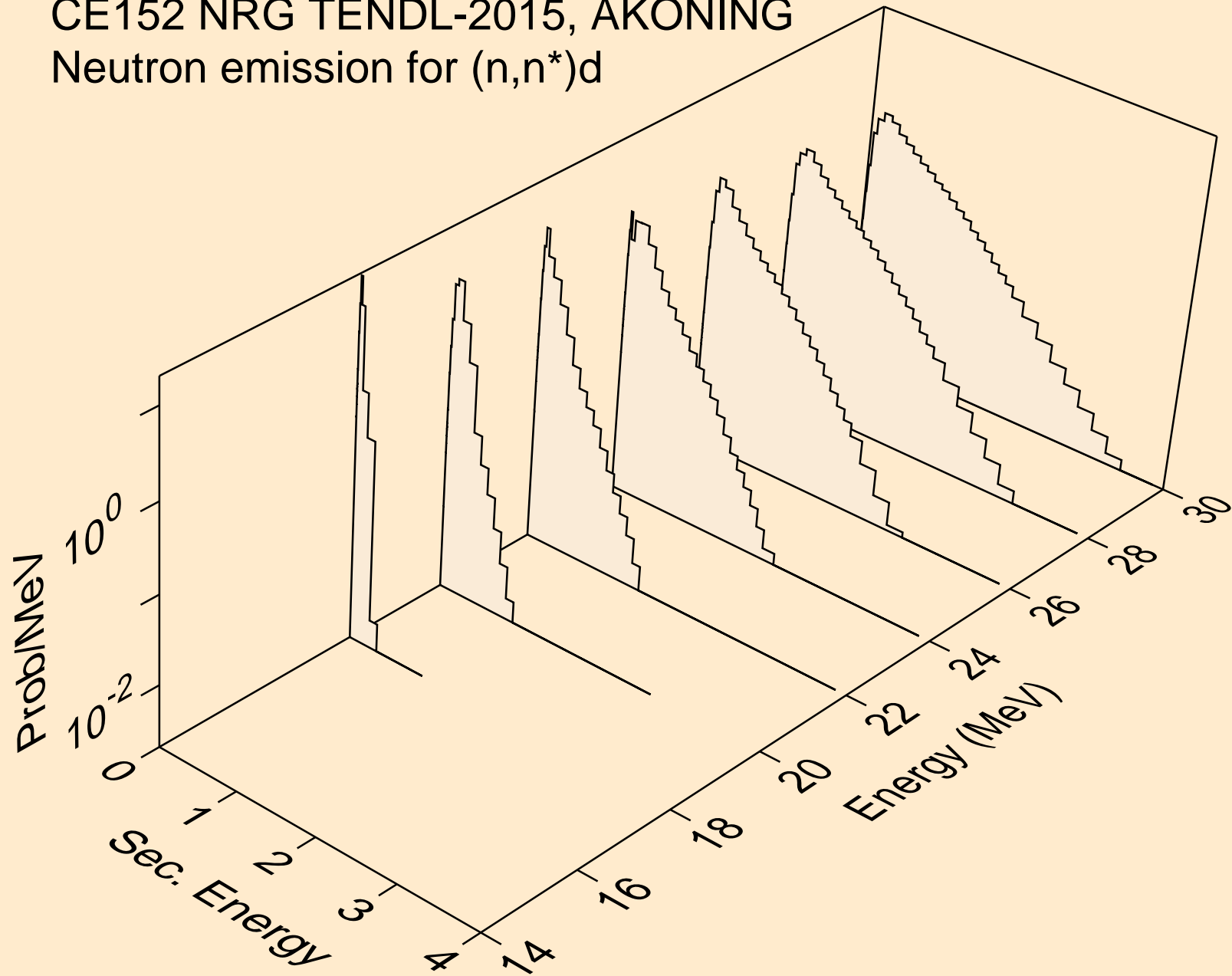
CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



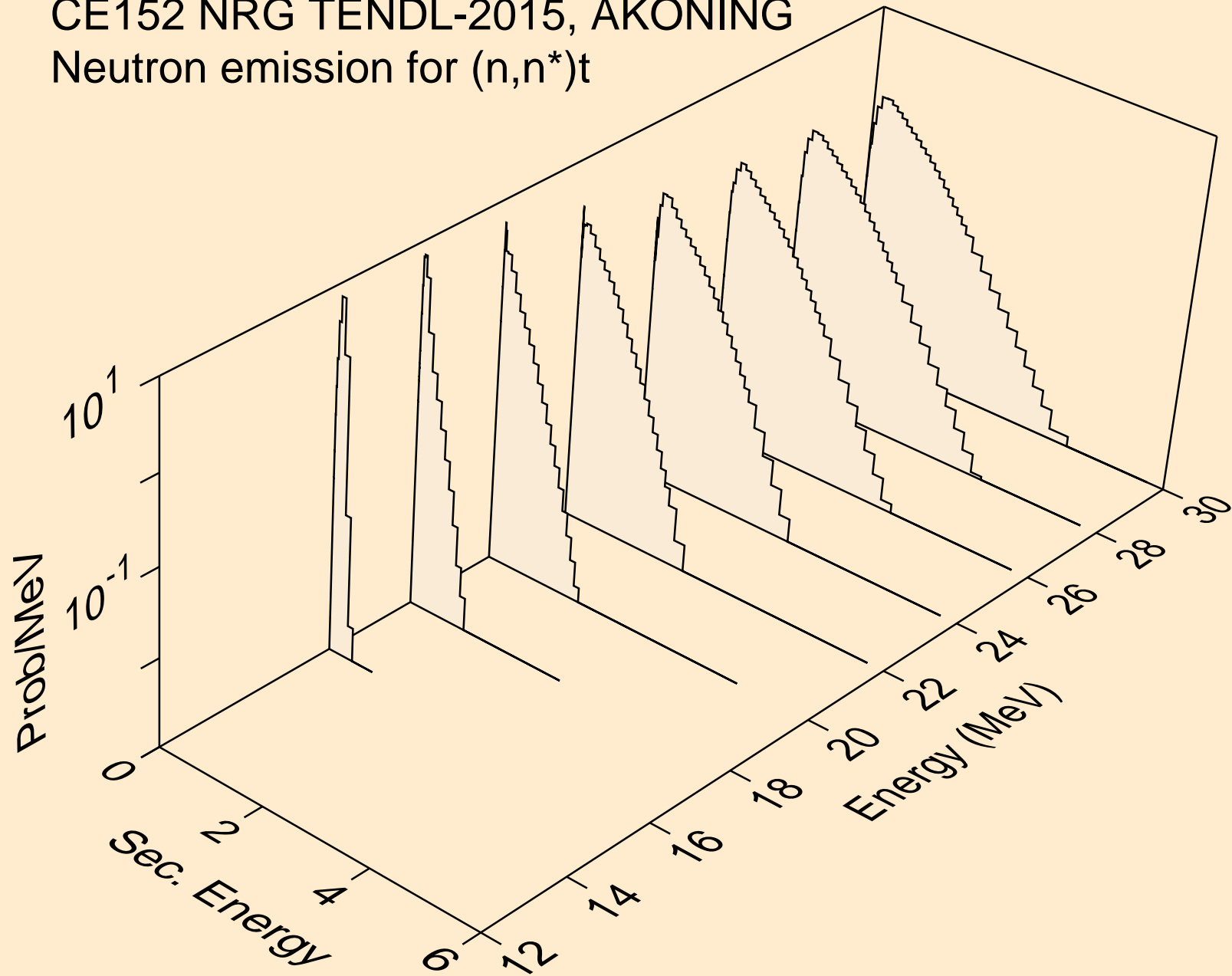
CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



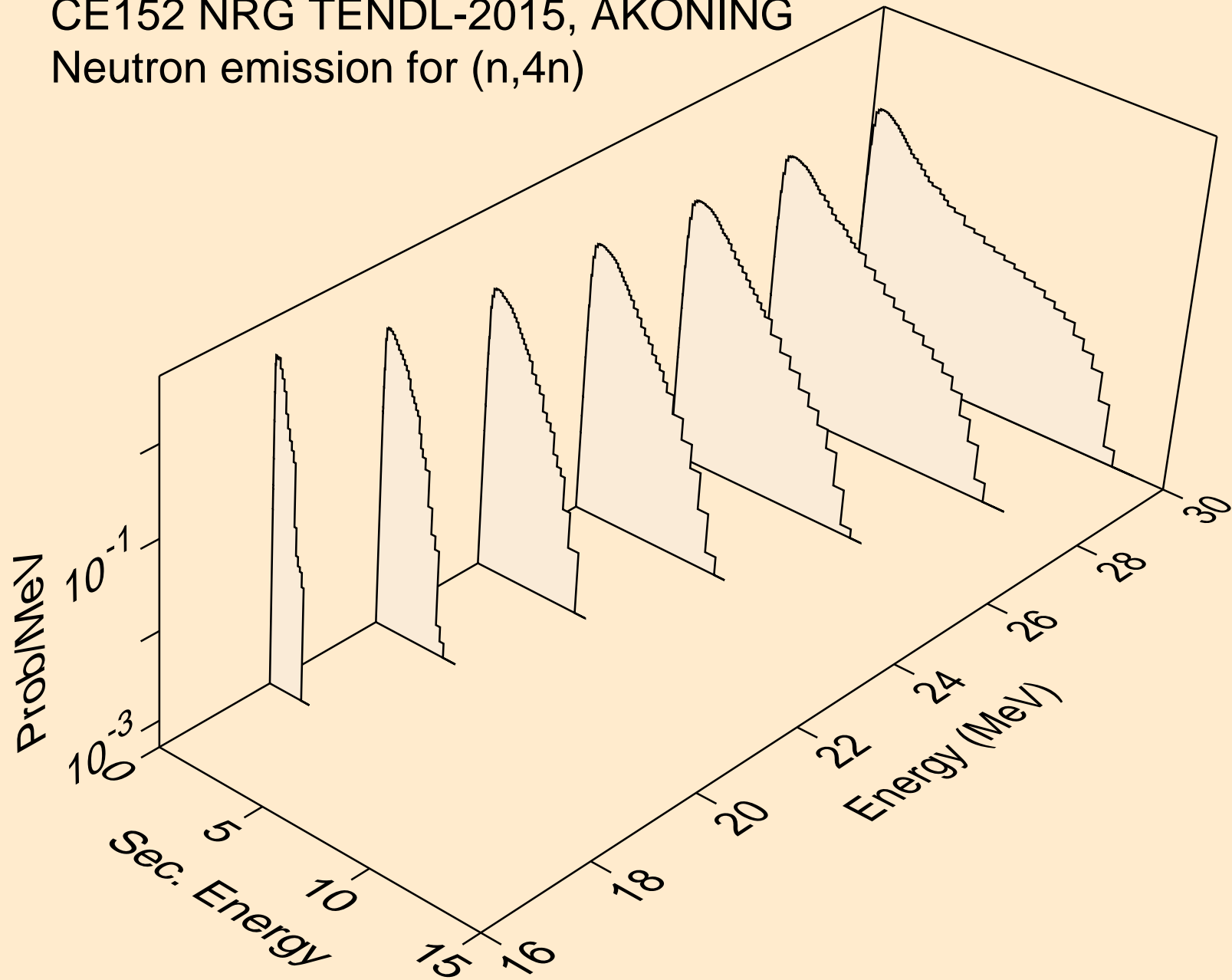
CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

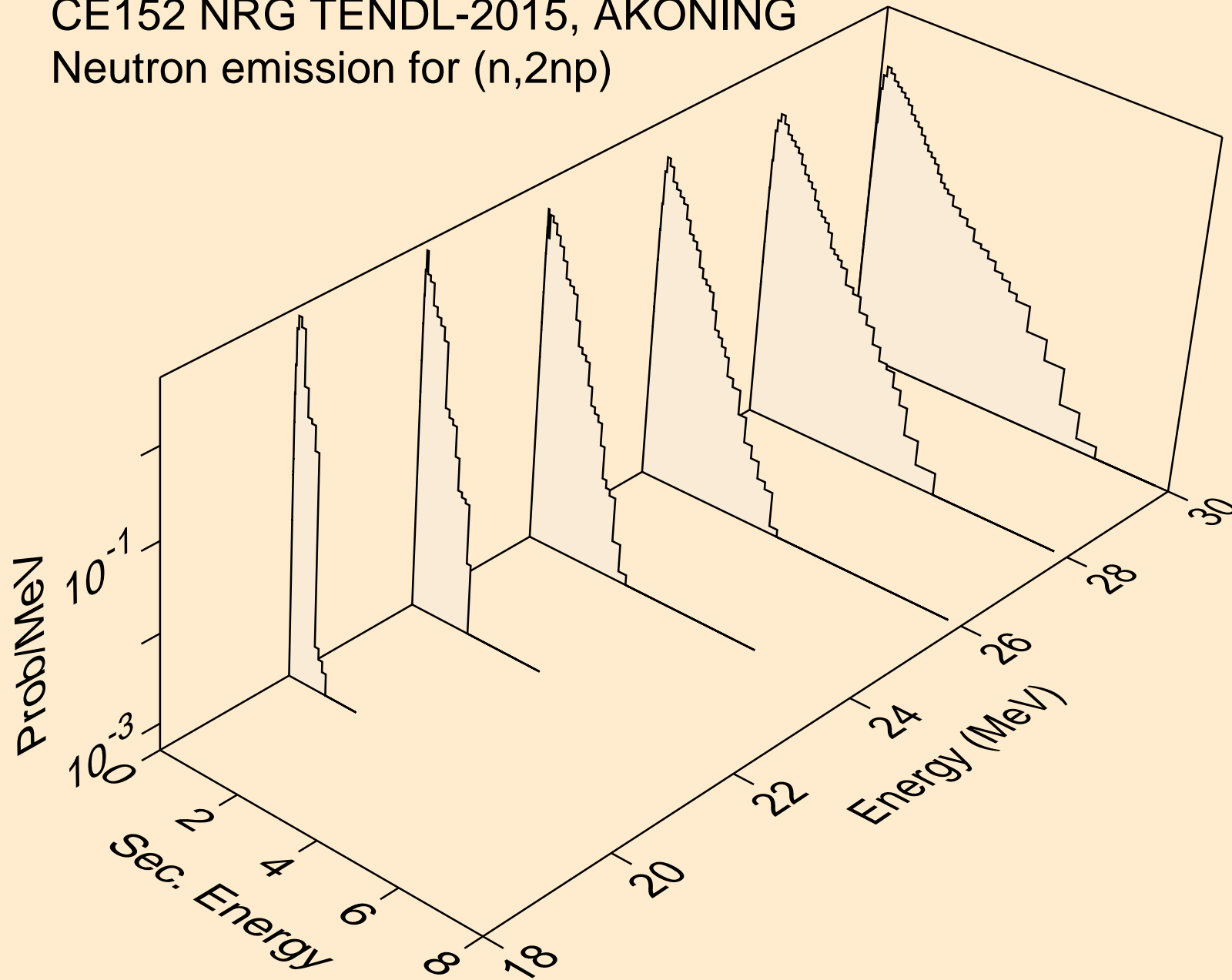


CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

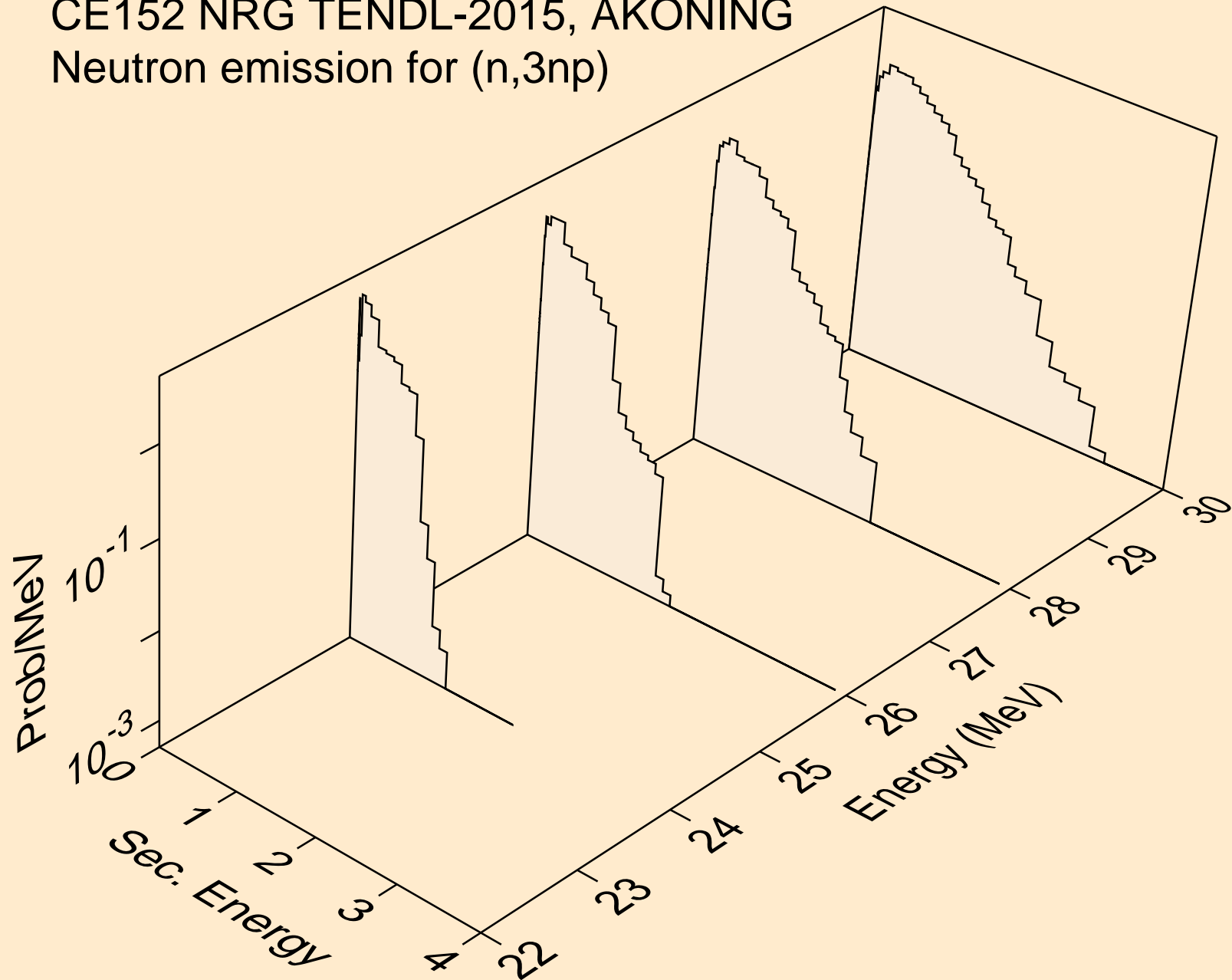




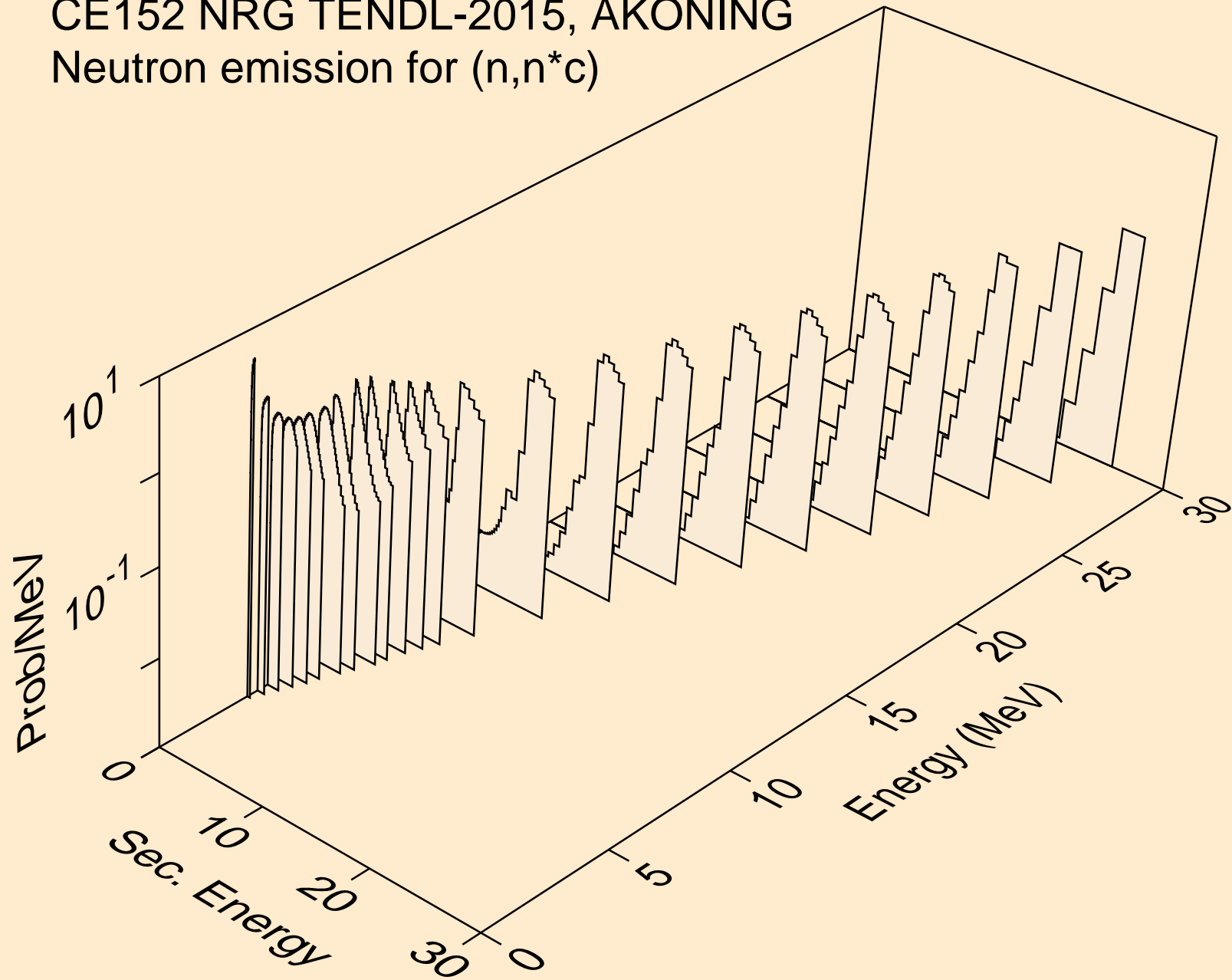
CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



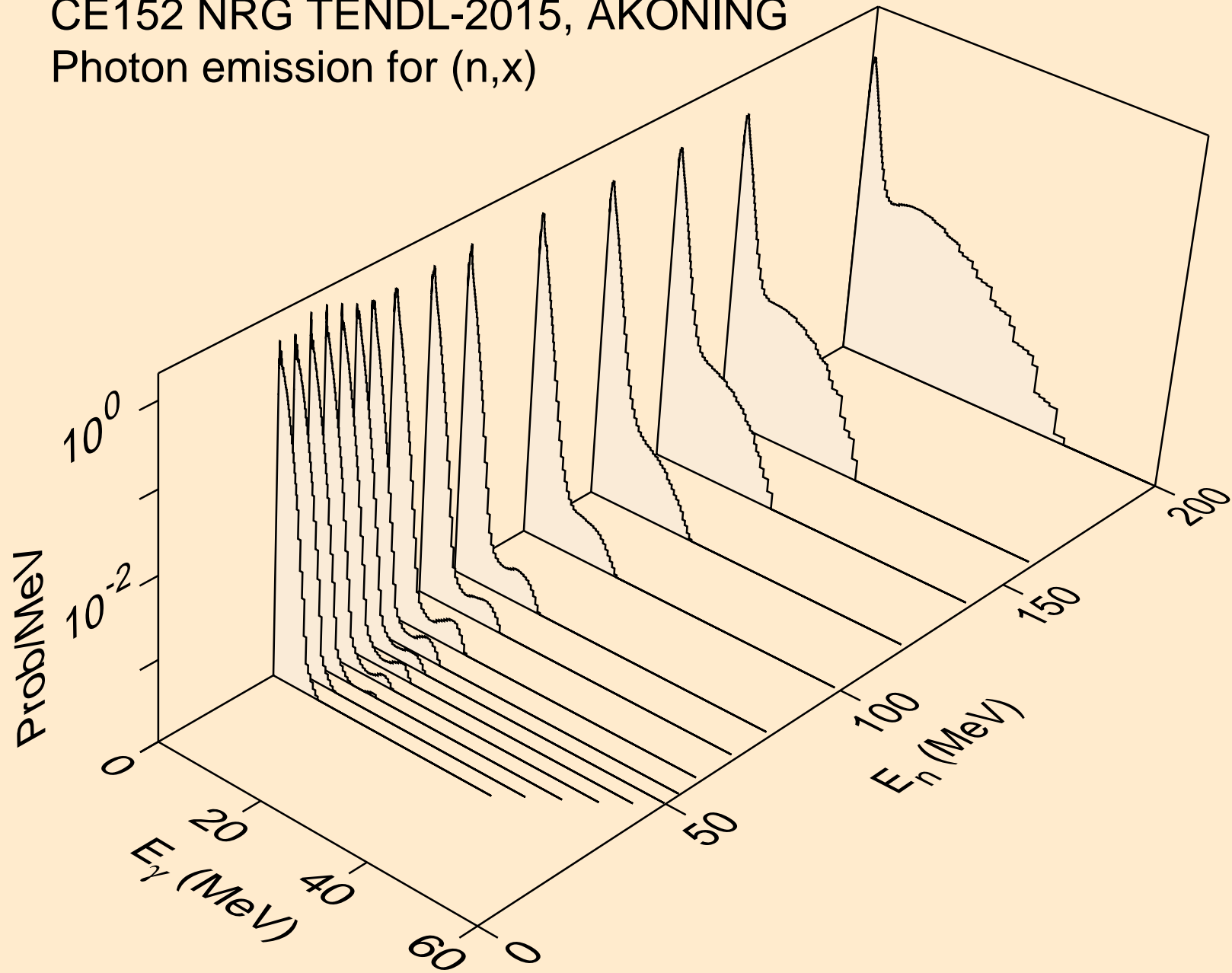
CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



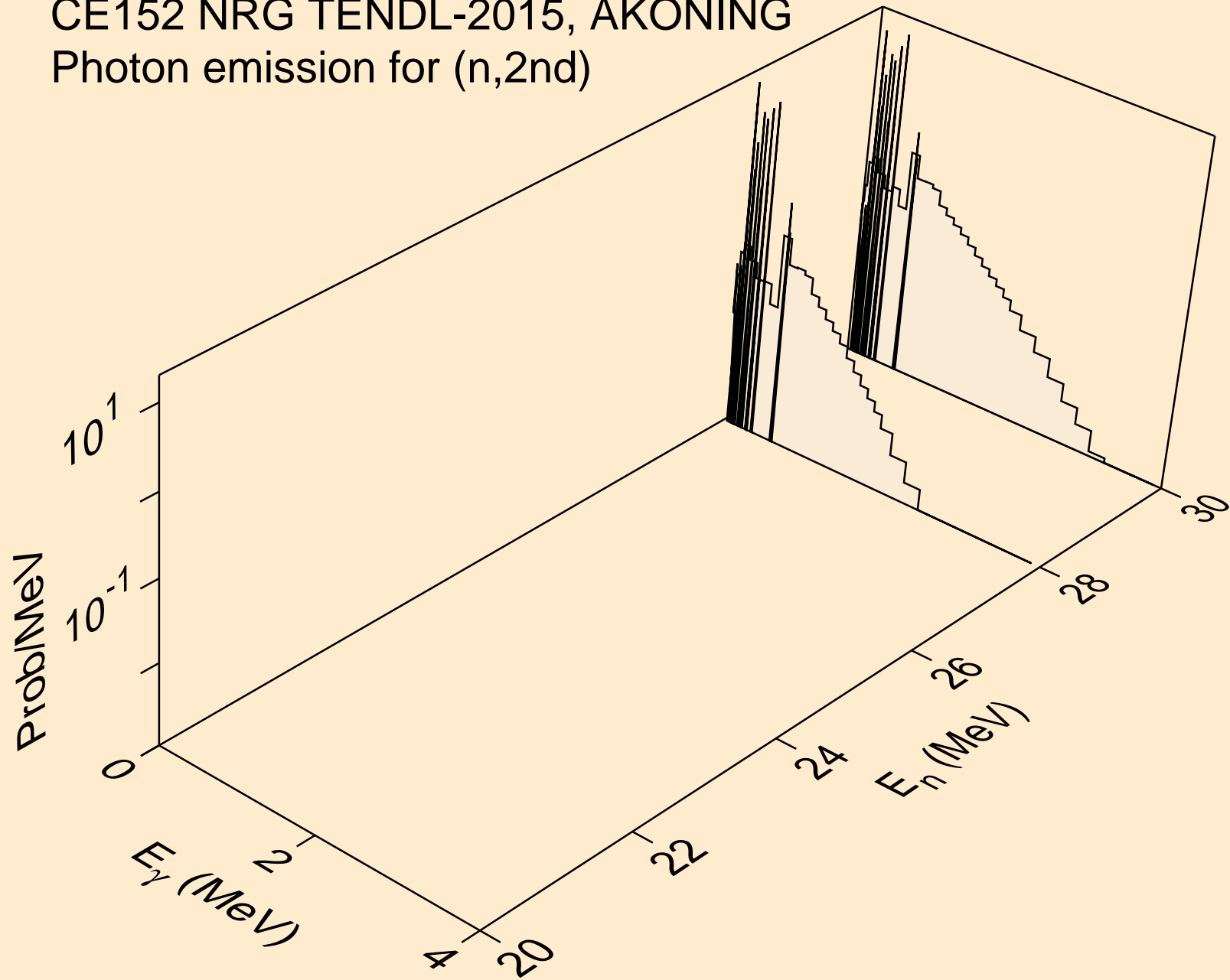
CE152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



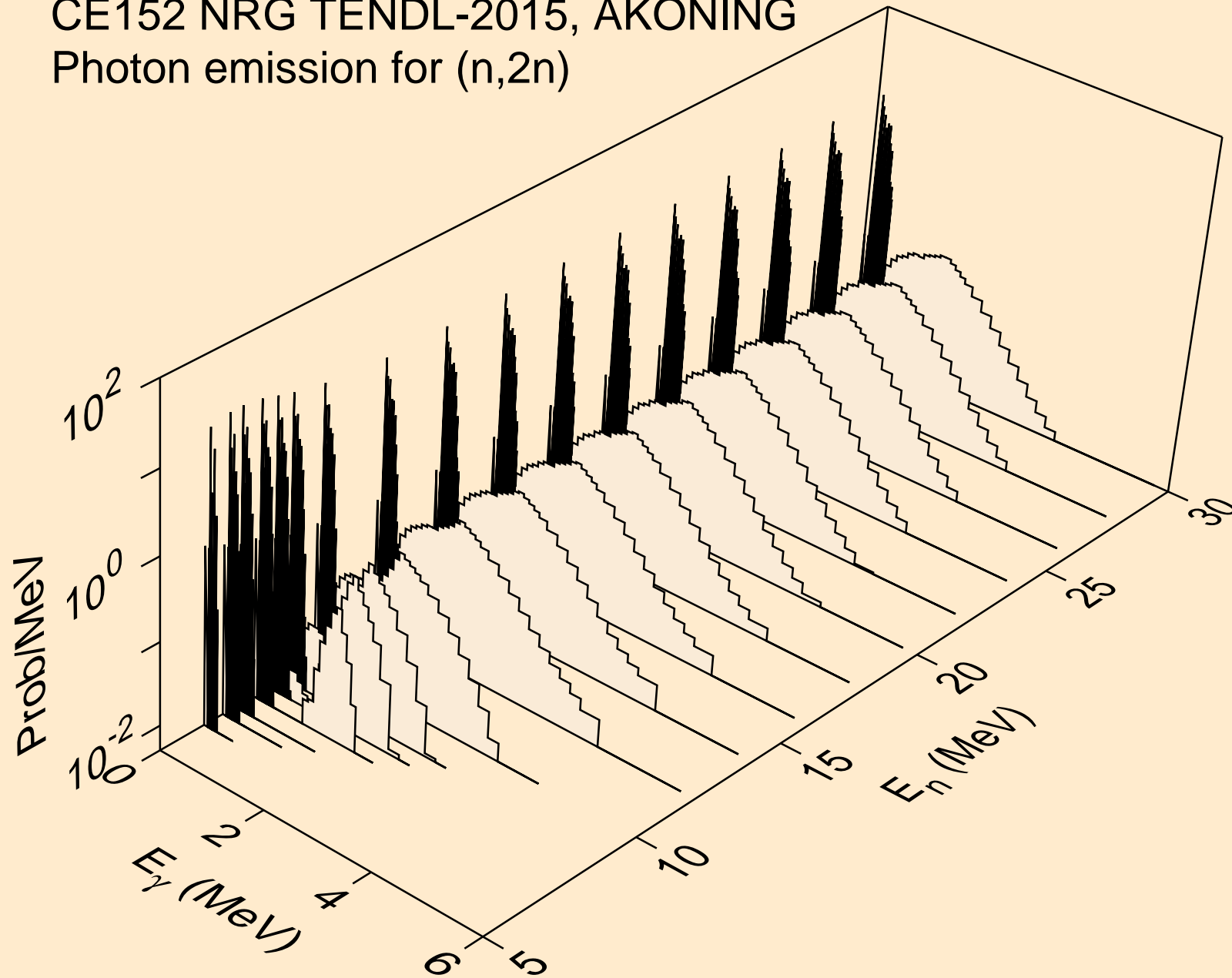
CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



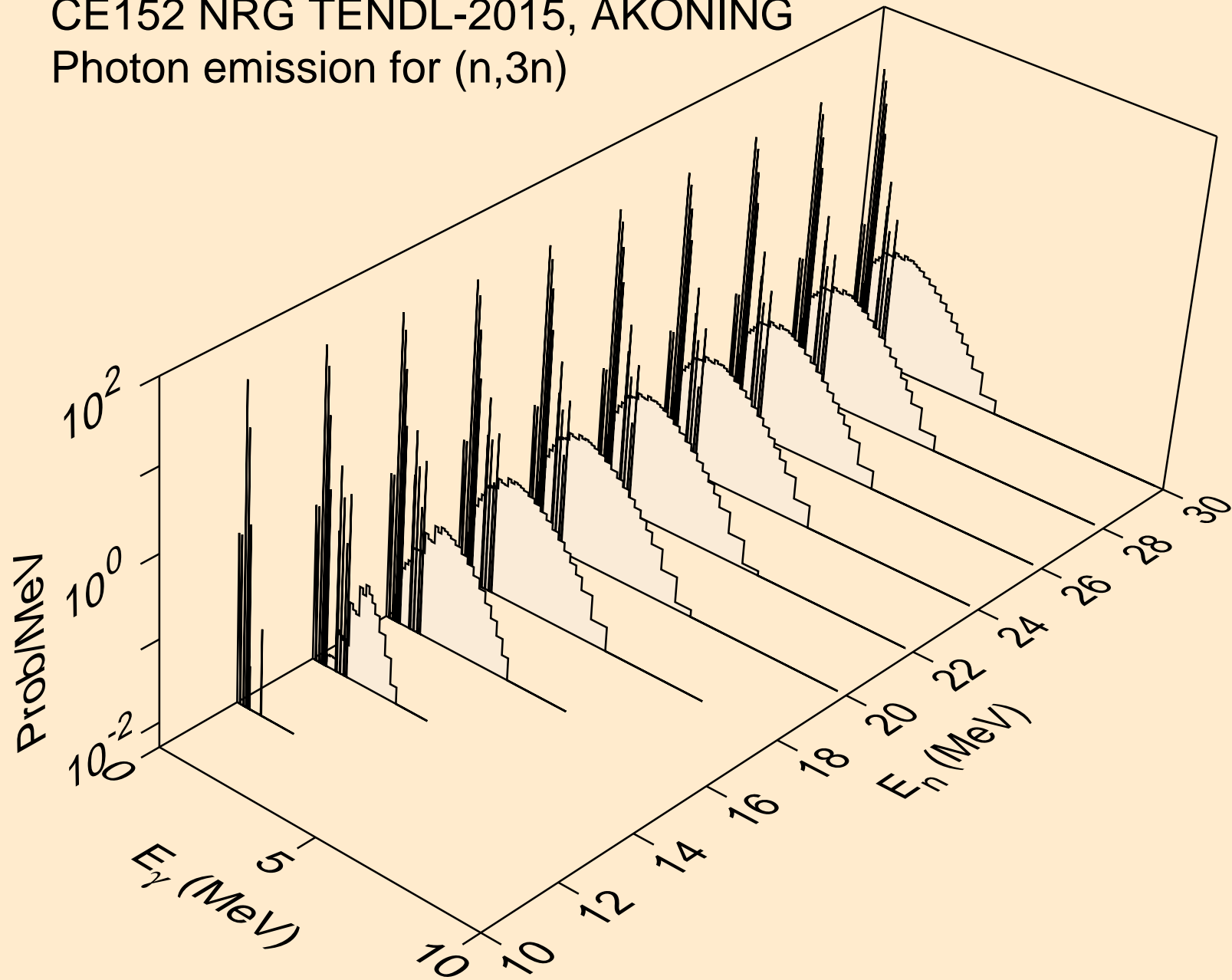
CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



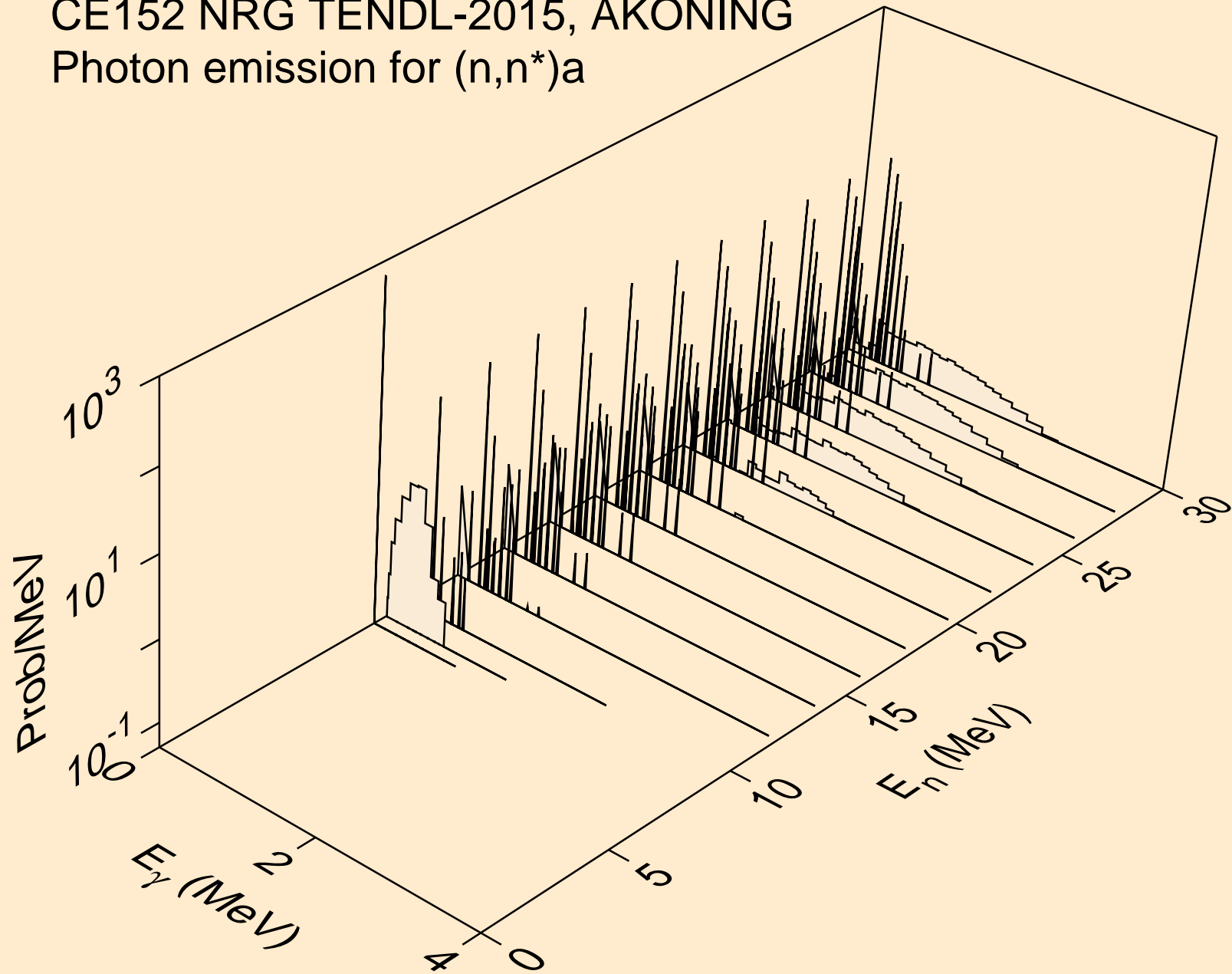
CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

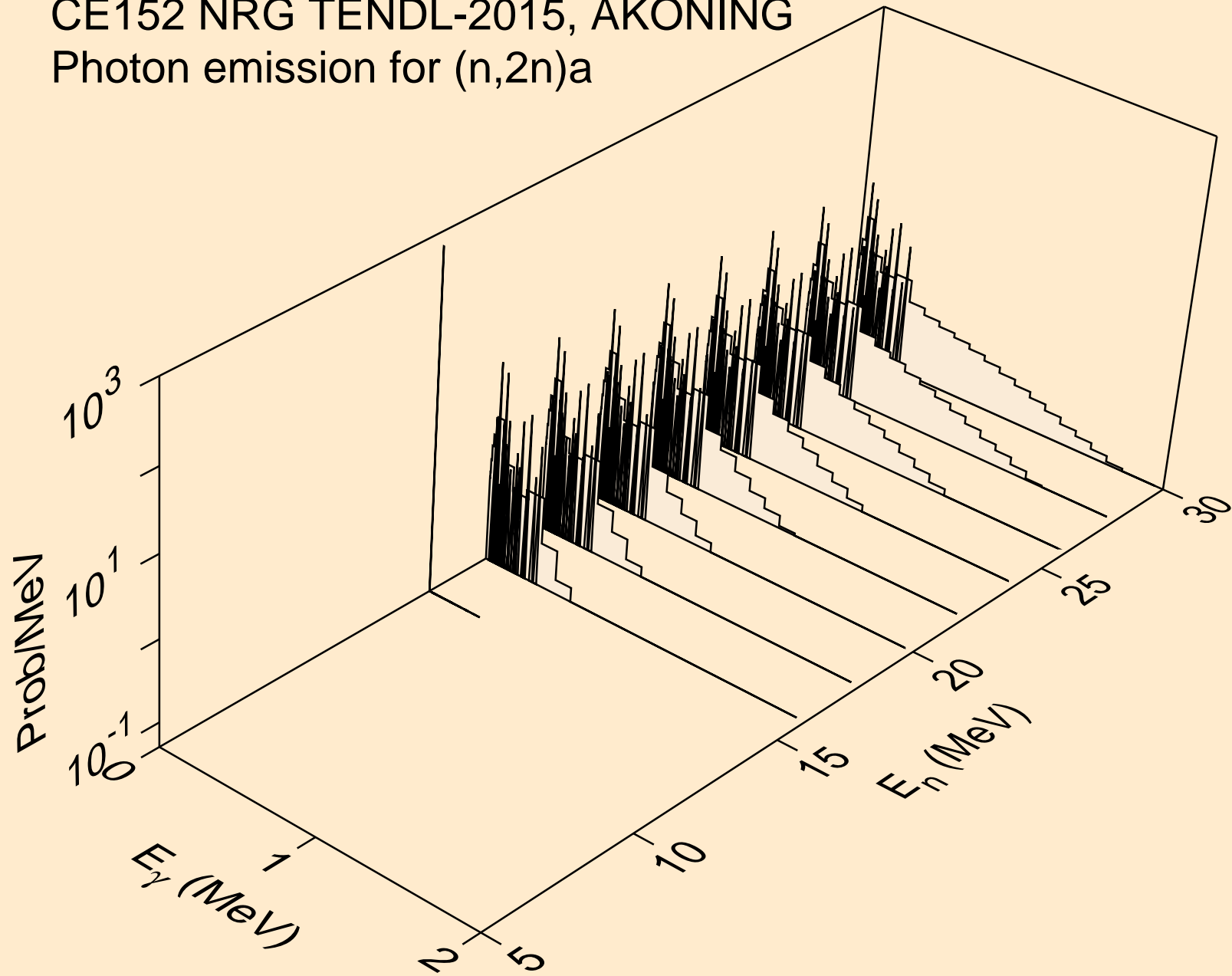


CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

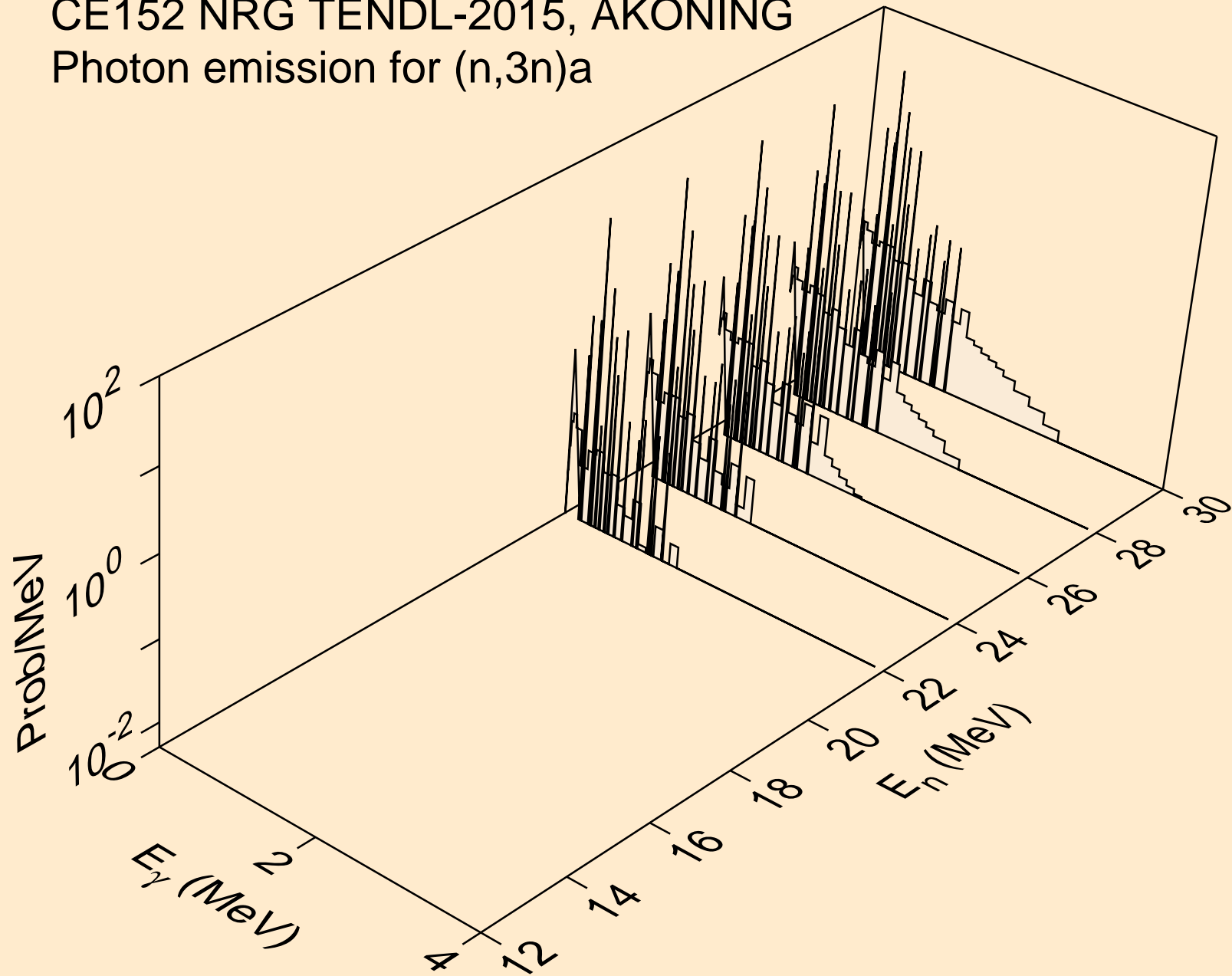




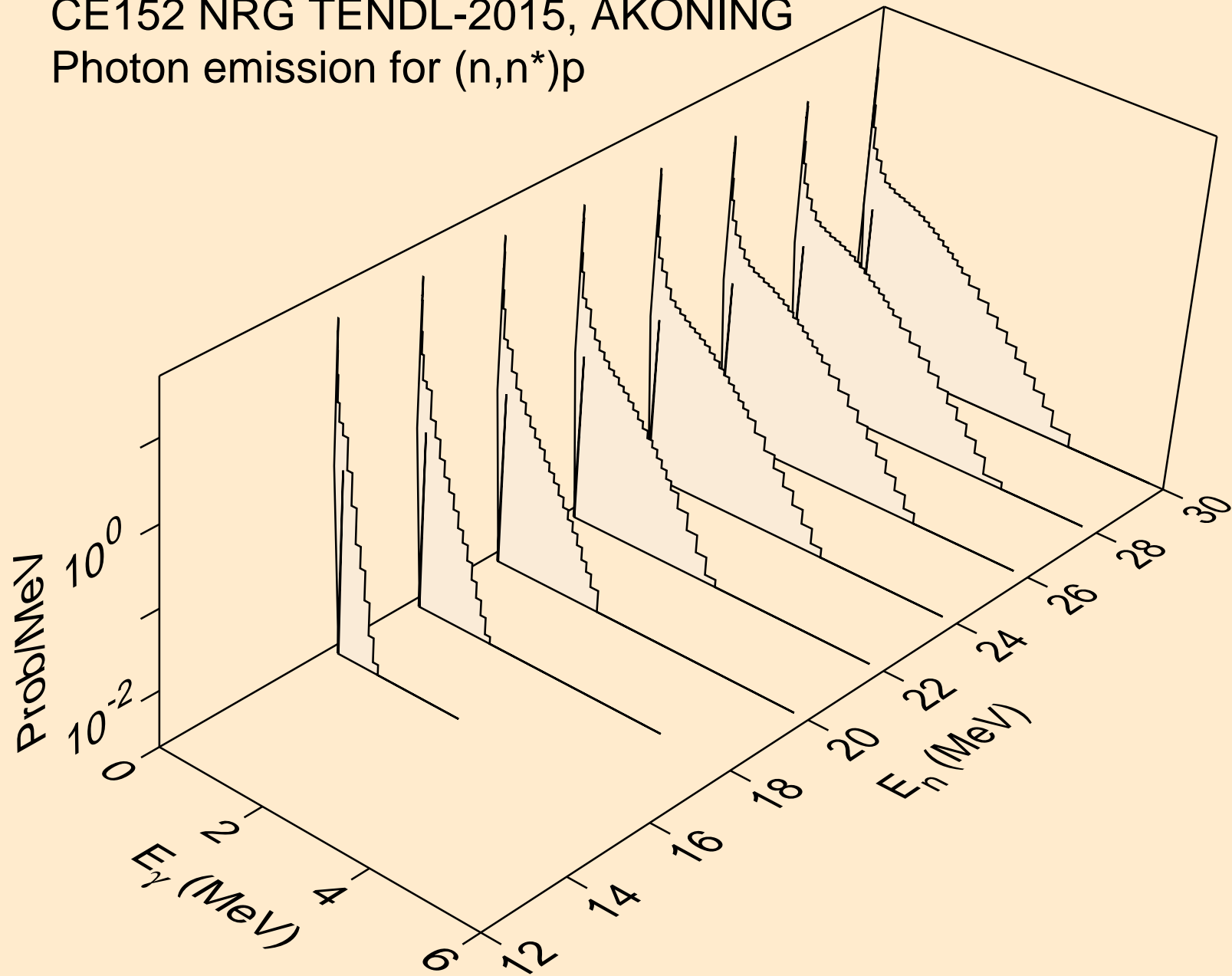
CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

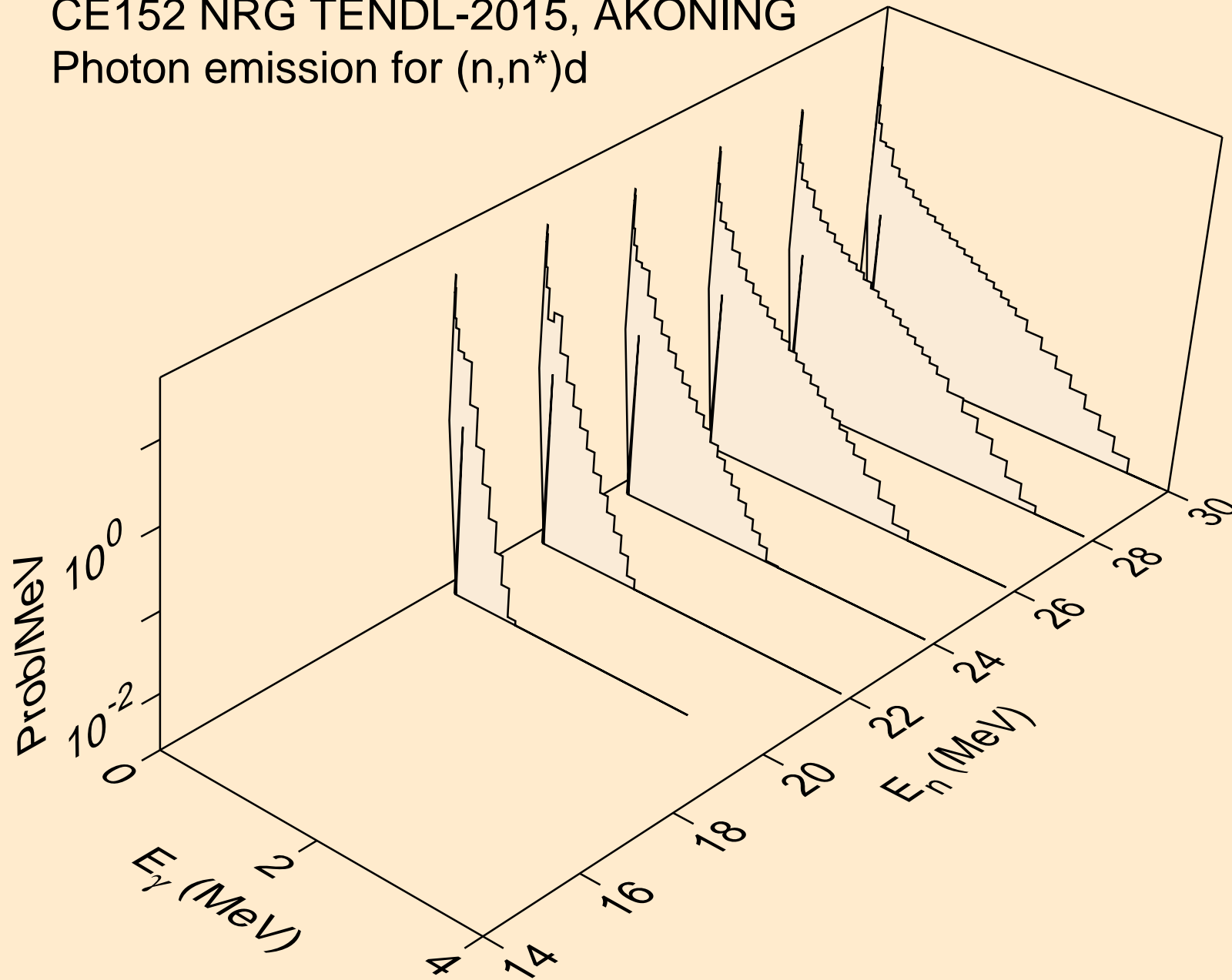


CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

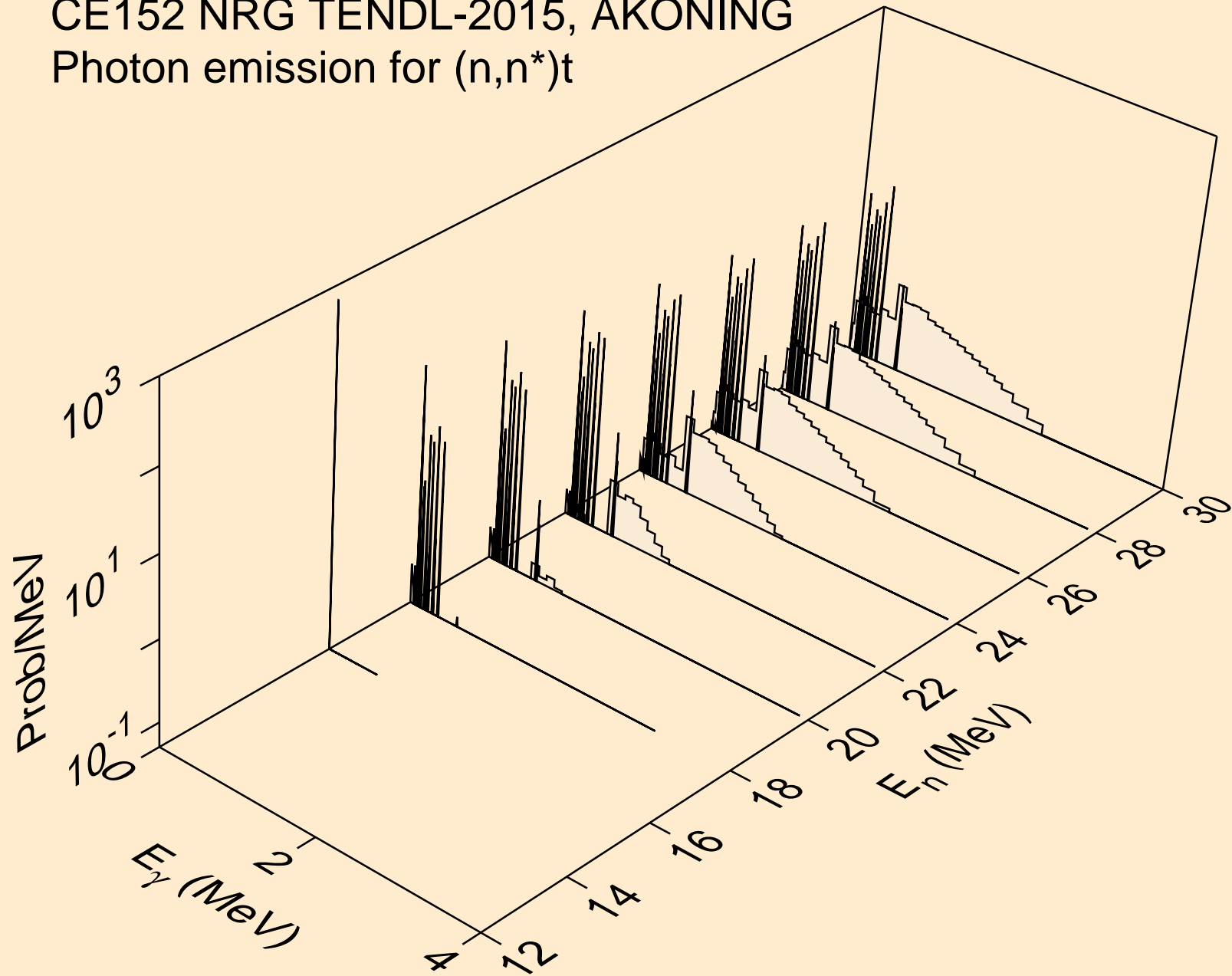


# CE152 NRG TENDL-2015, AKONING

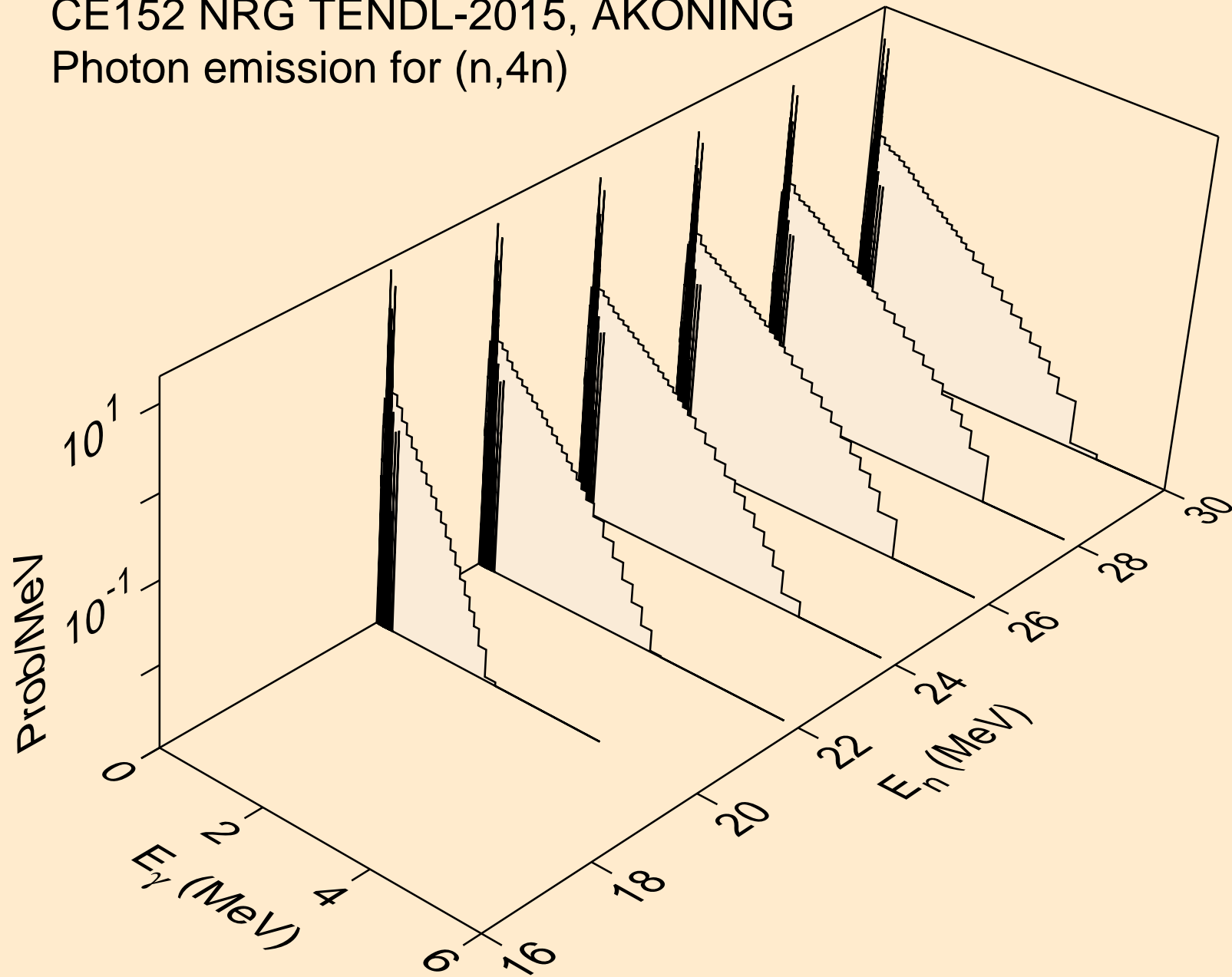
Photon emission for (n,n\*)d



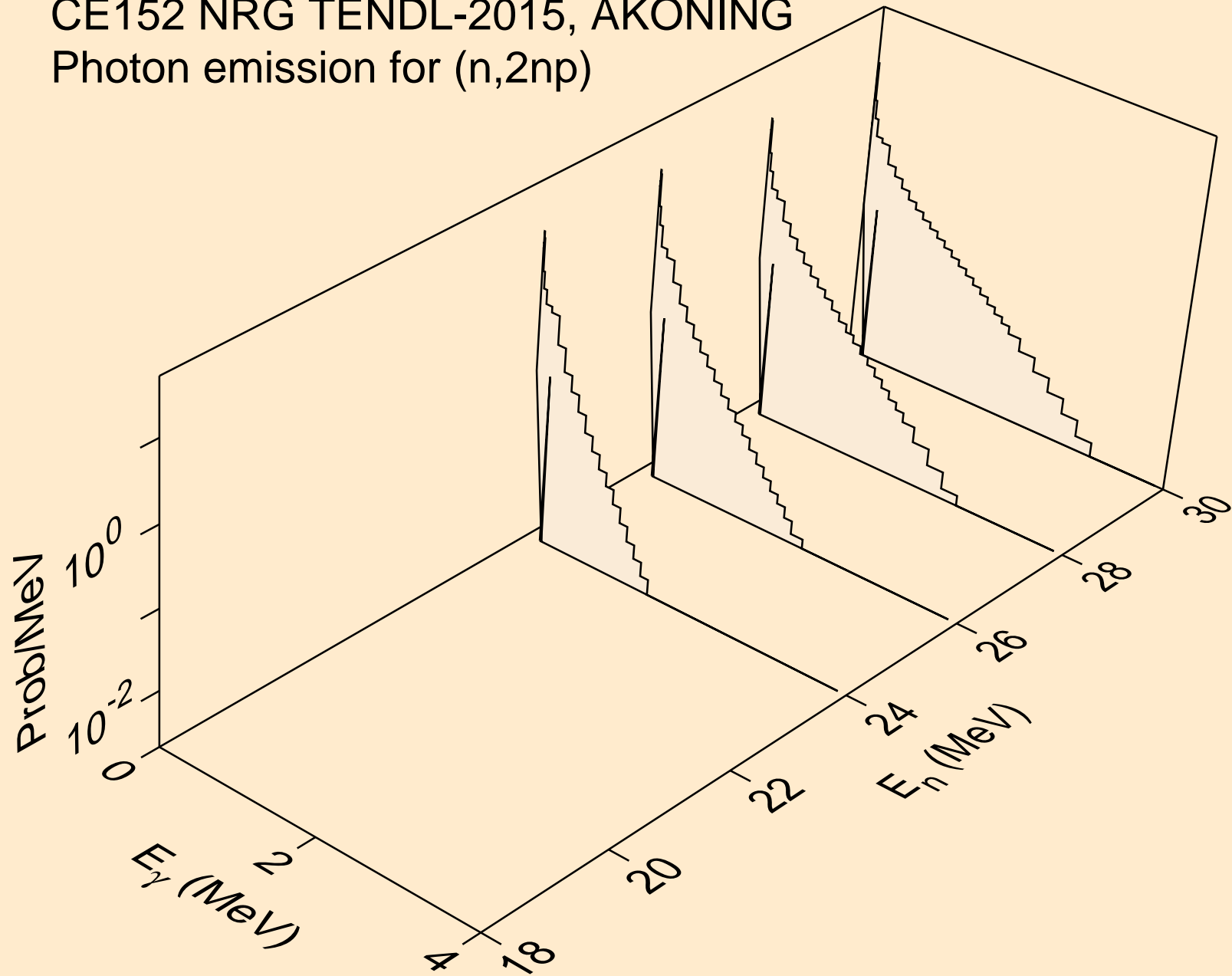
CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



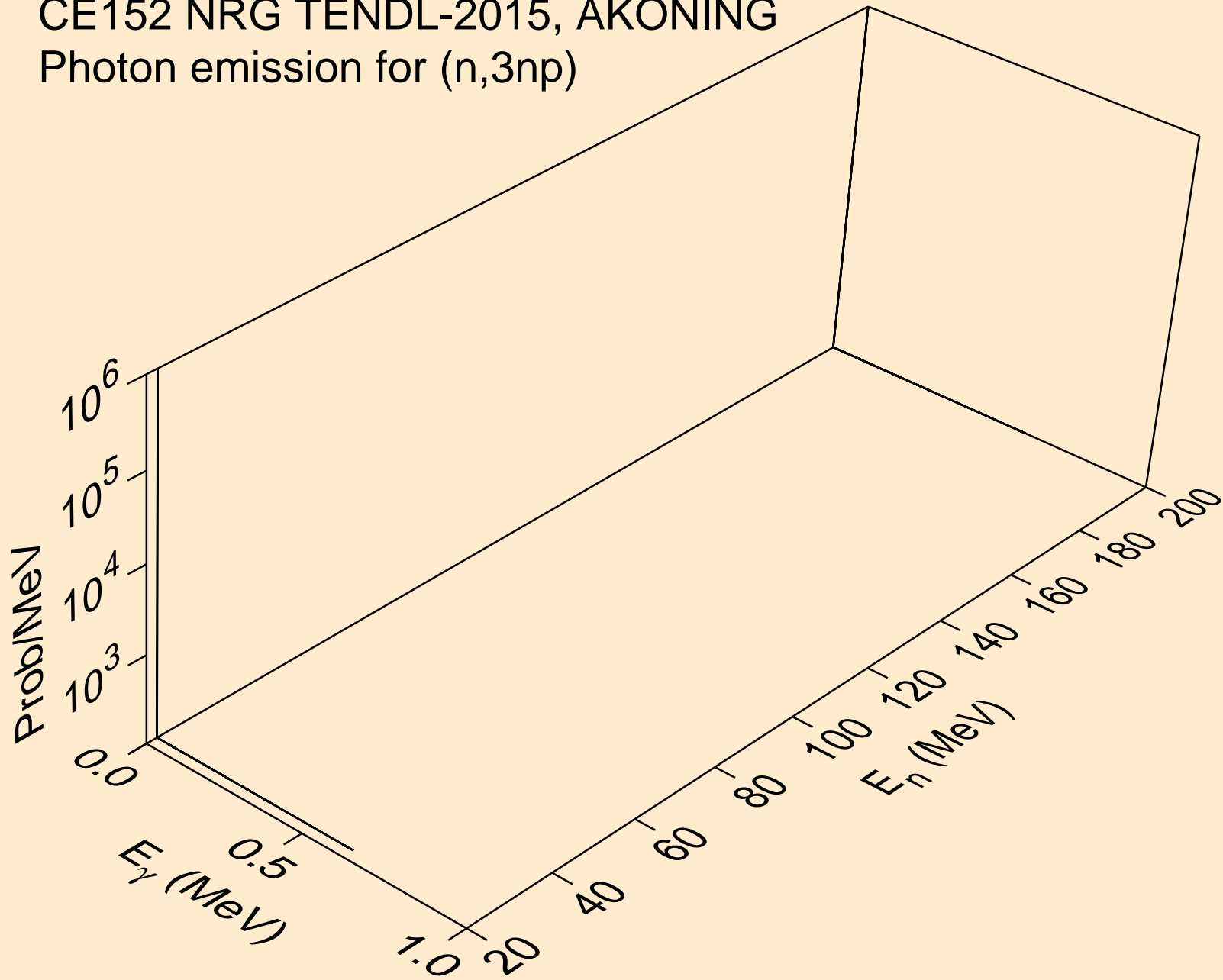
CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

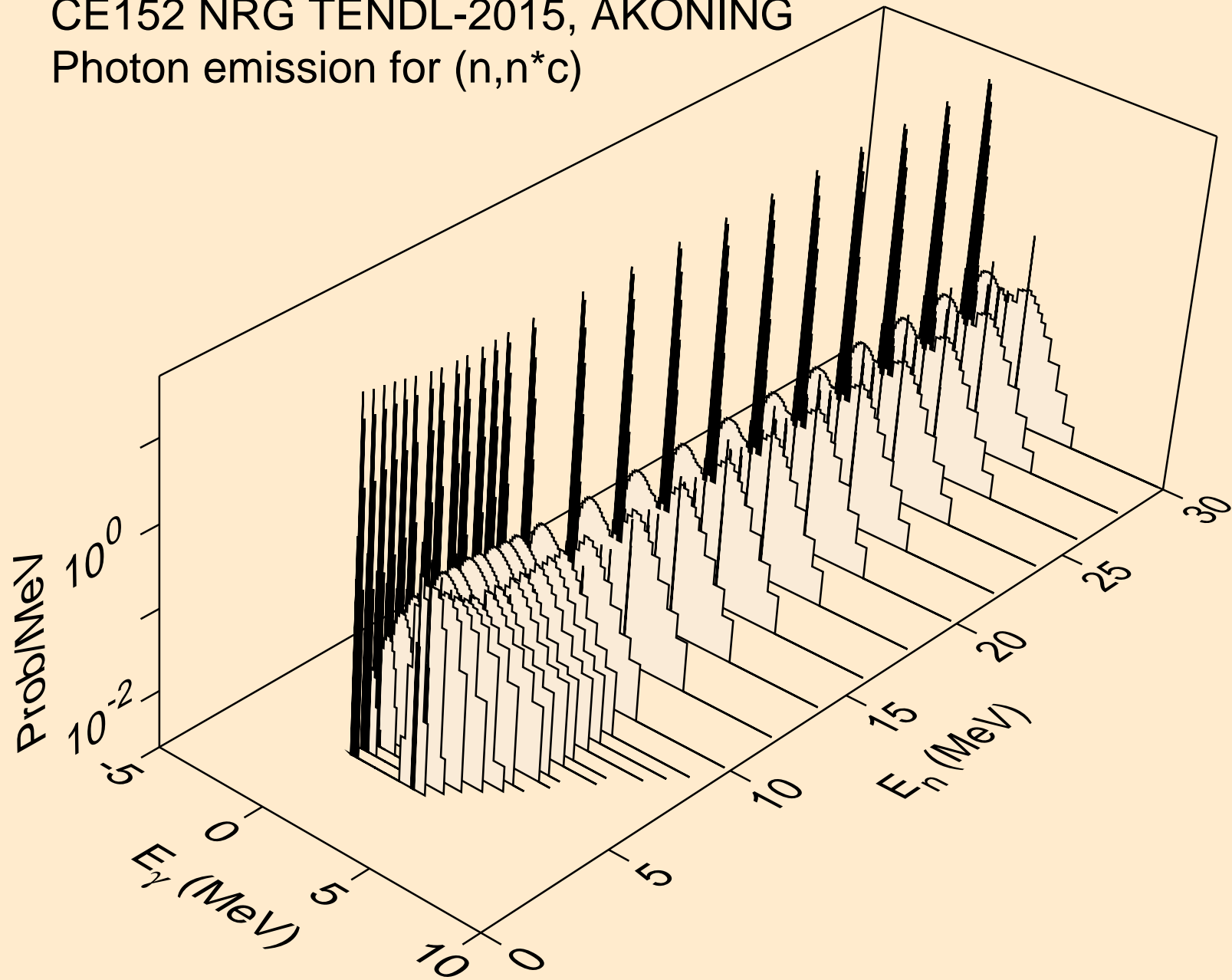


CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

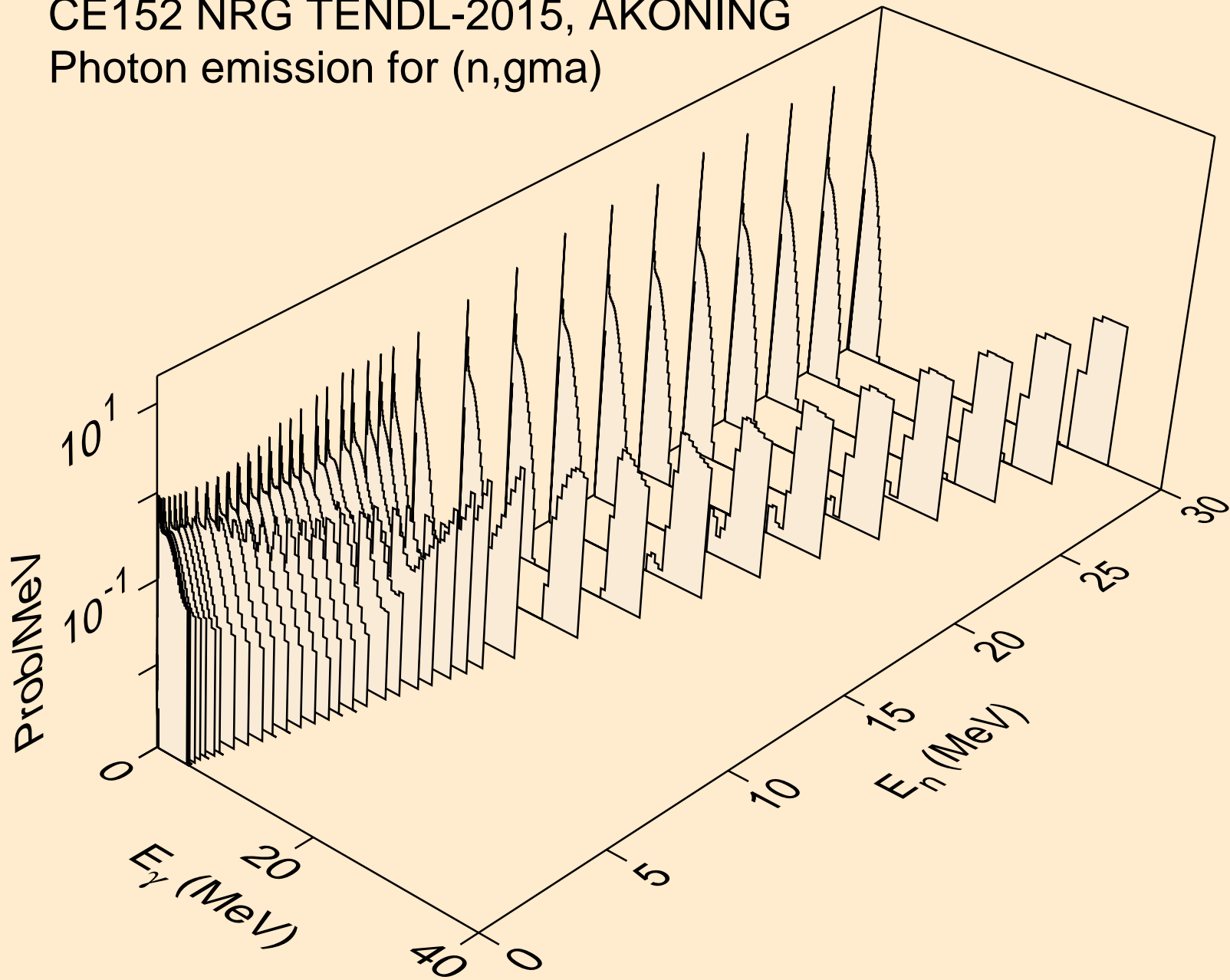




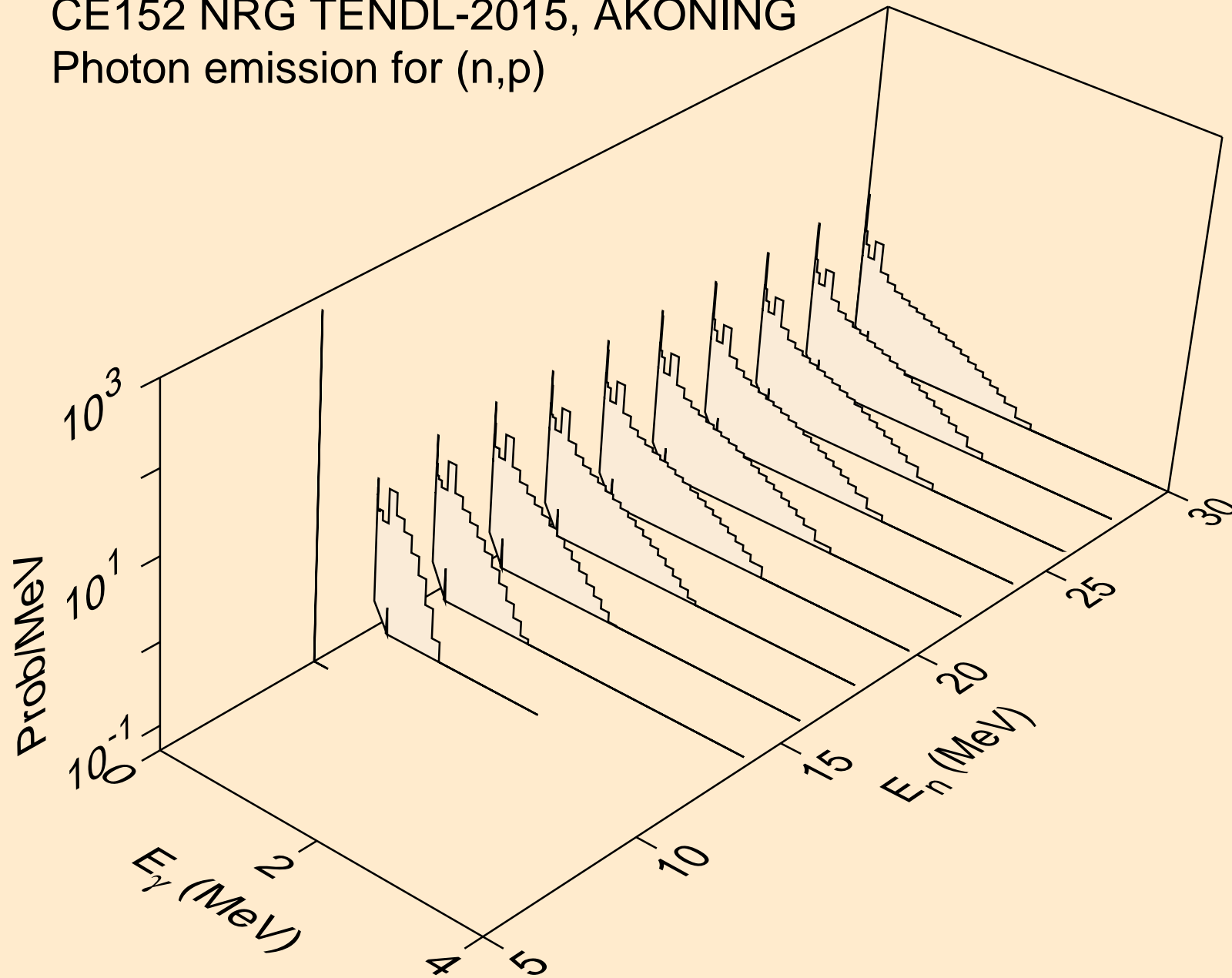
CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



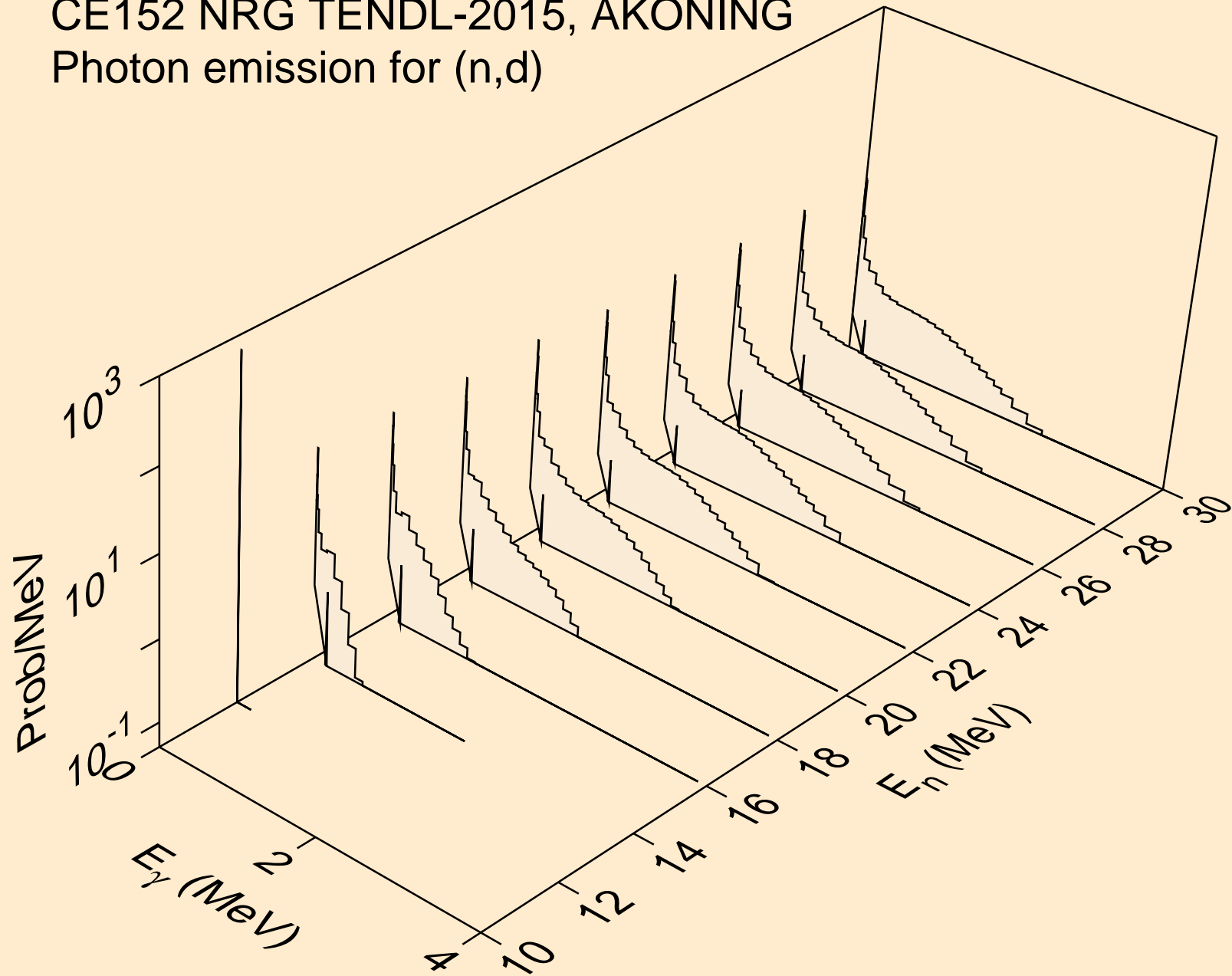
CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



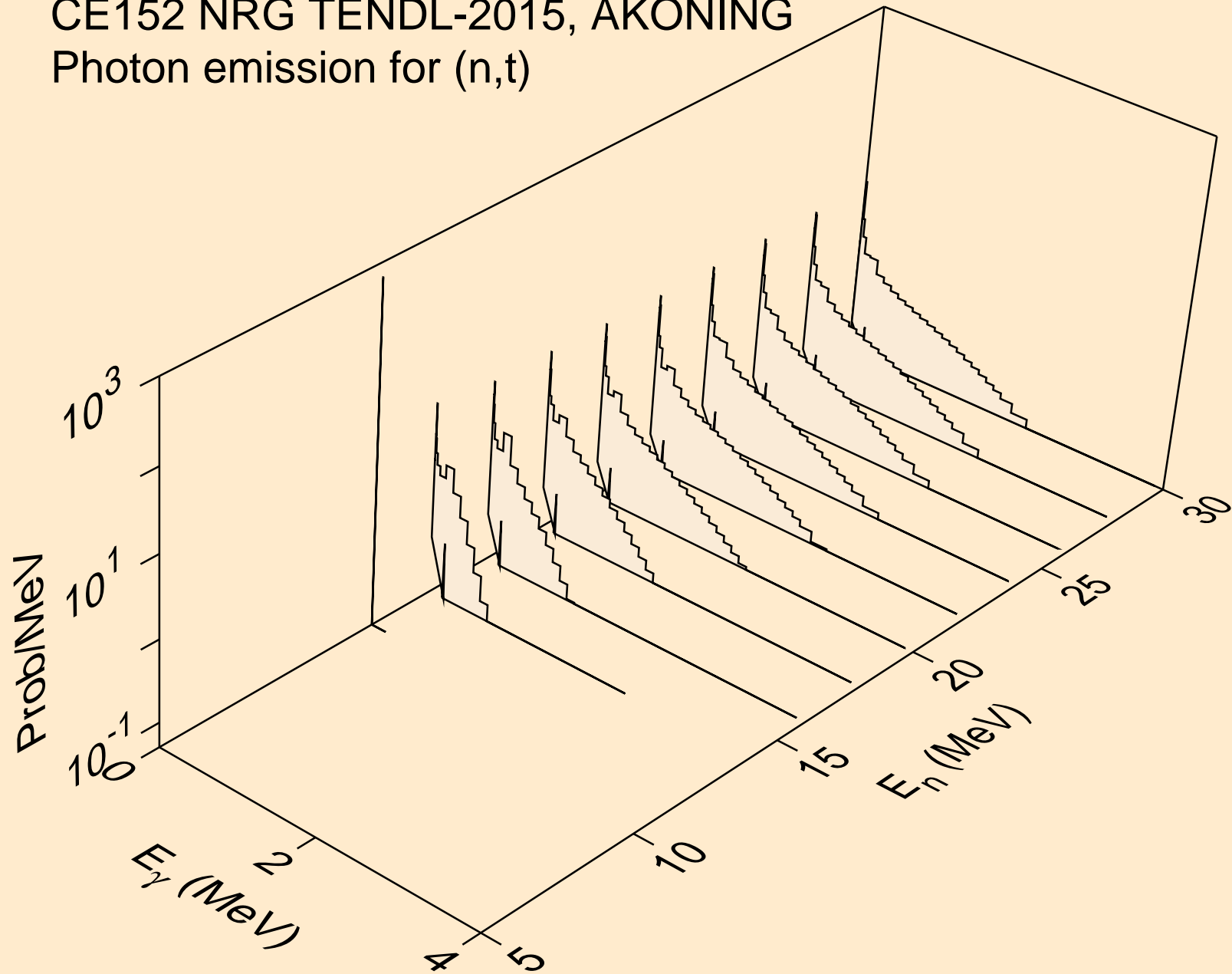
CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



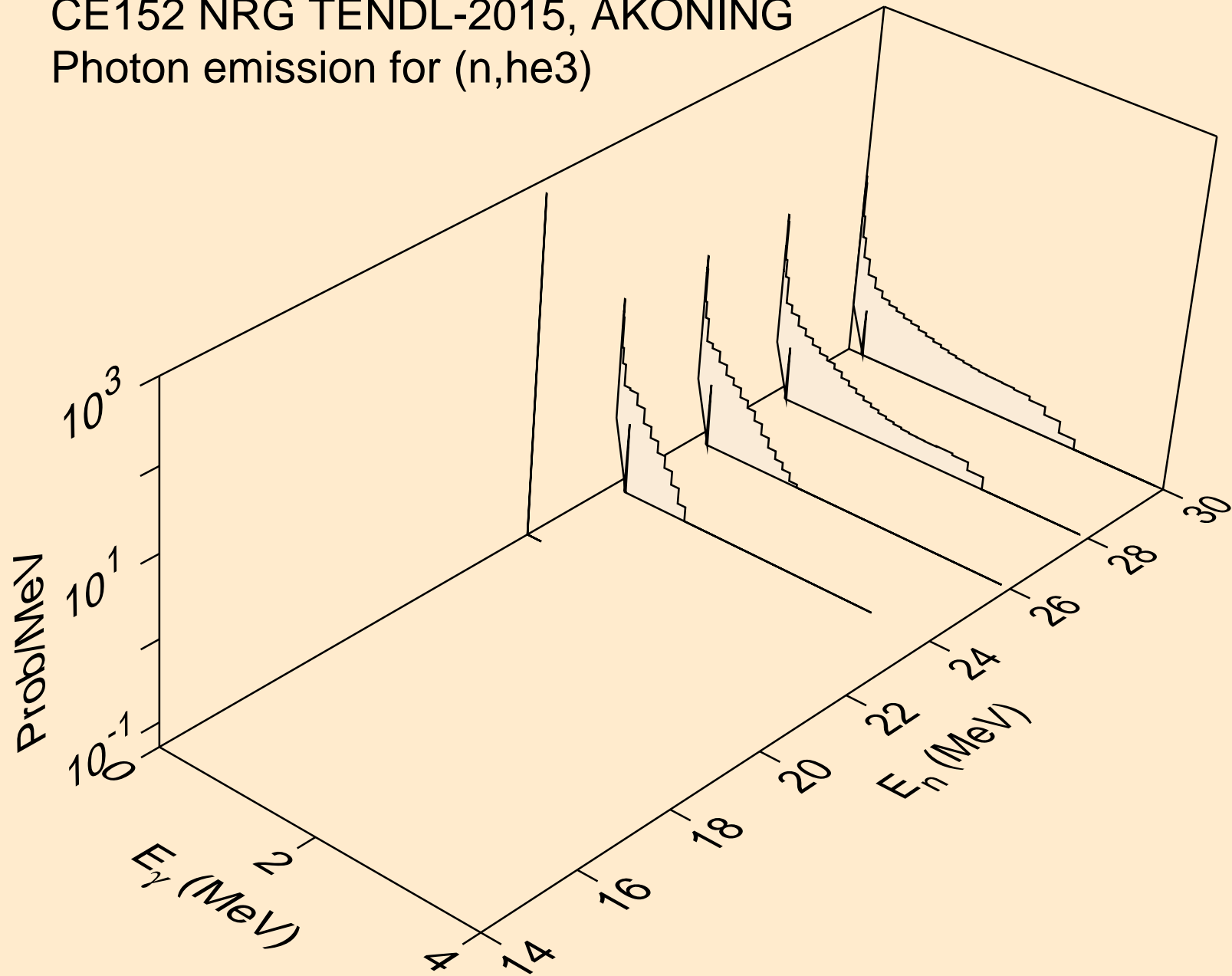
CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



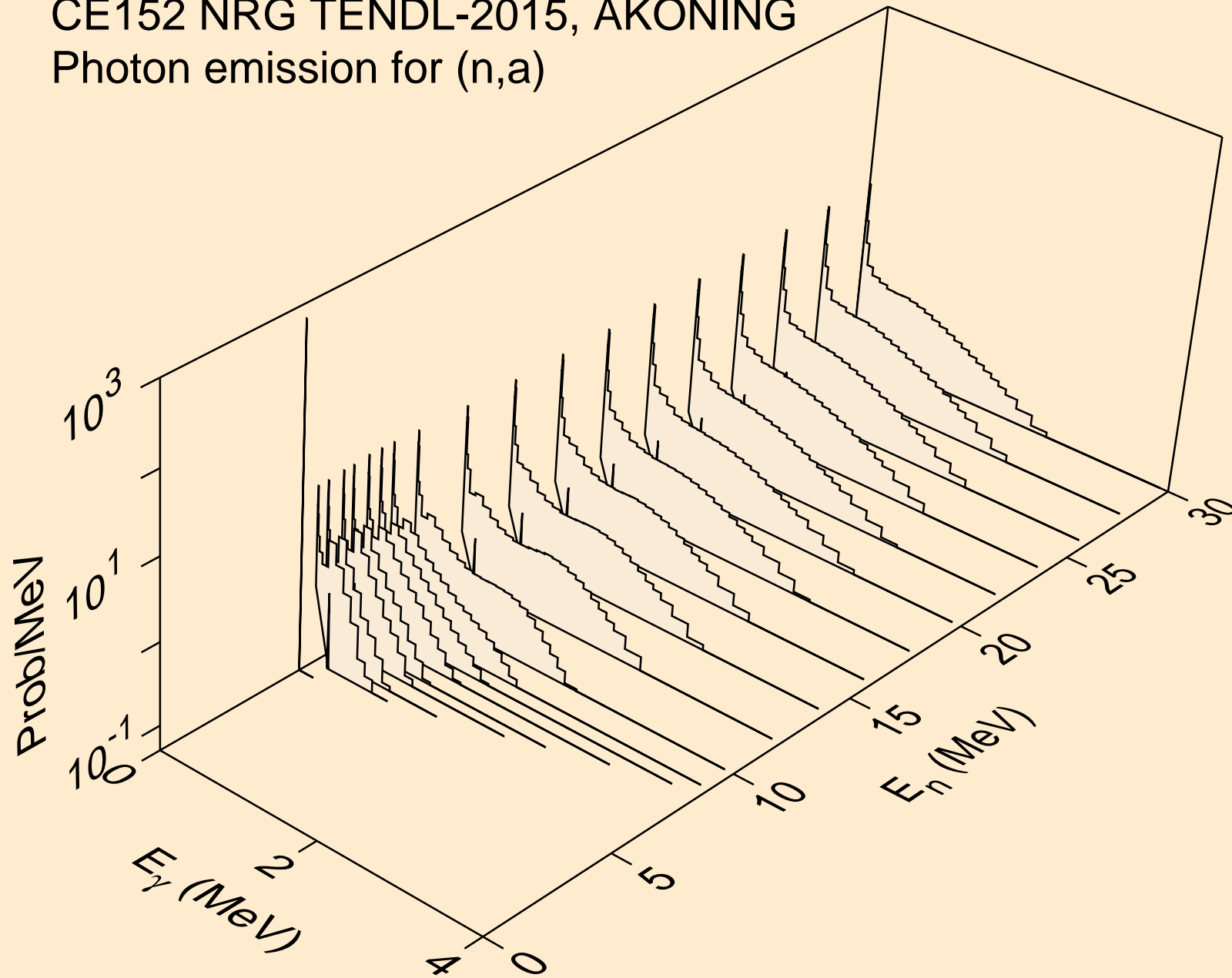
CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



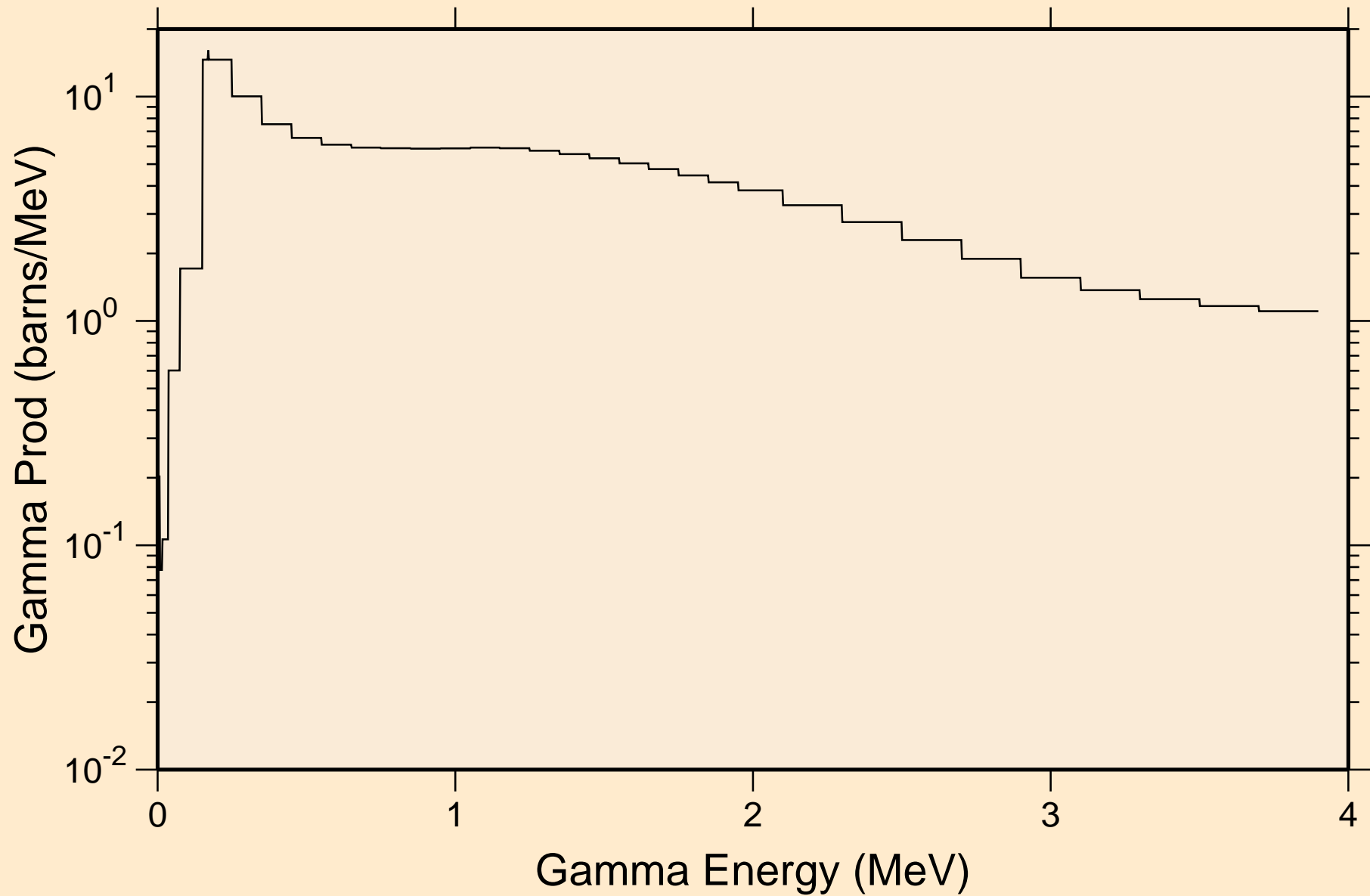
CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



CE152 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

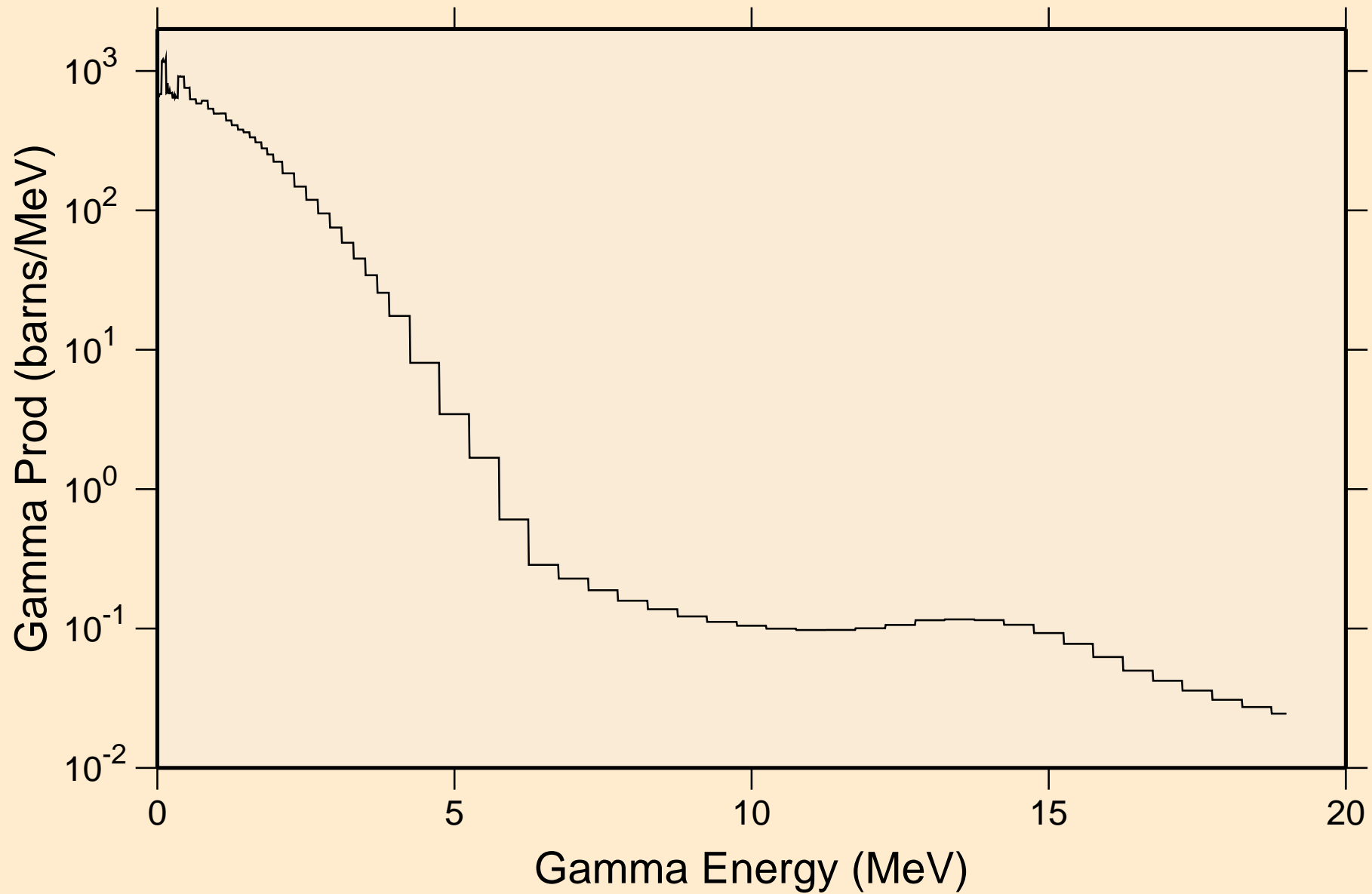


CE152 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



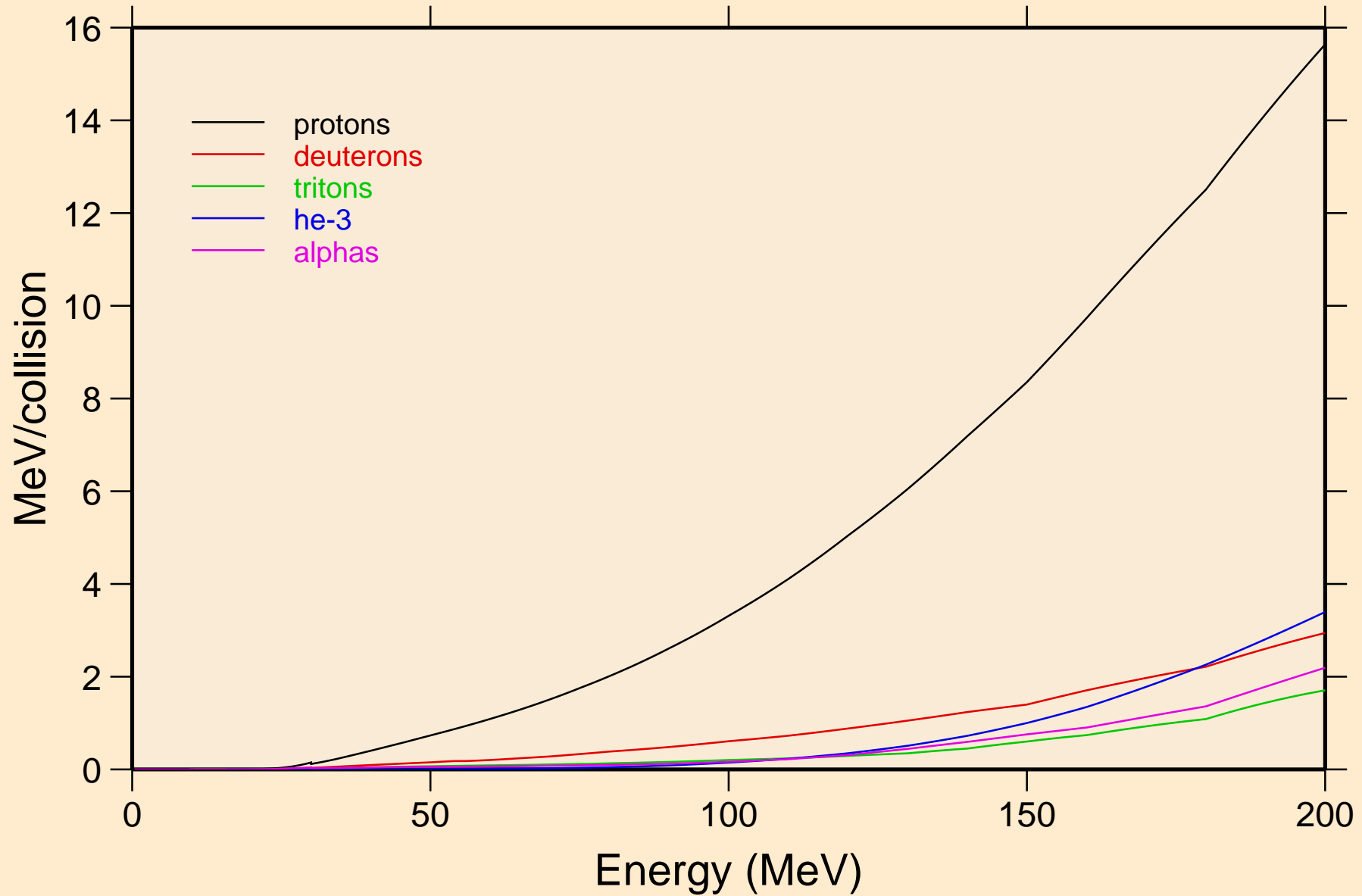


CE152 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



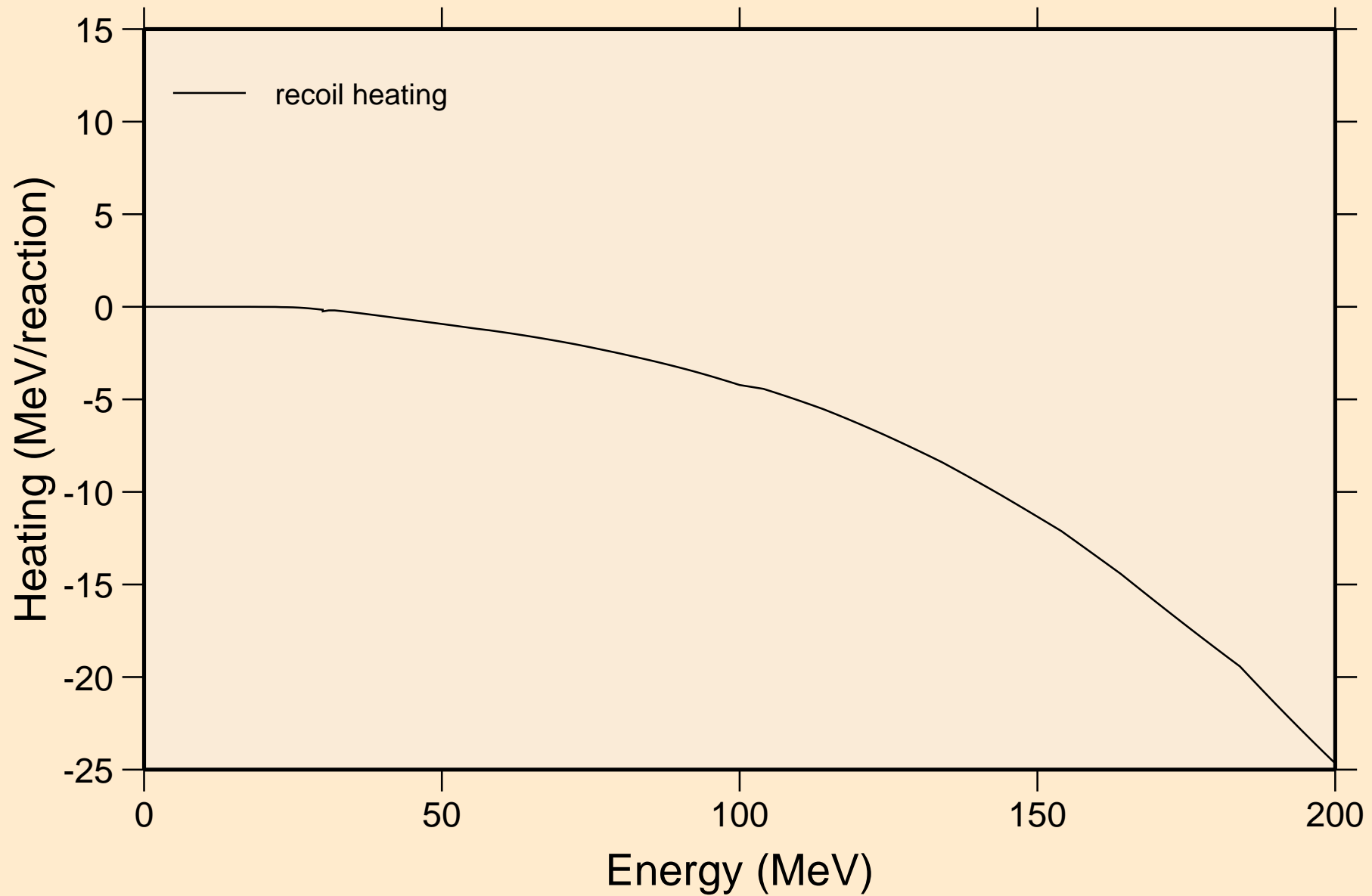
# CE152 NRG TENDL-2015, AKONING

## Particle heating contributions



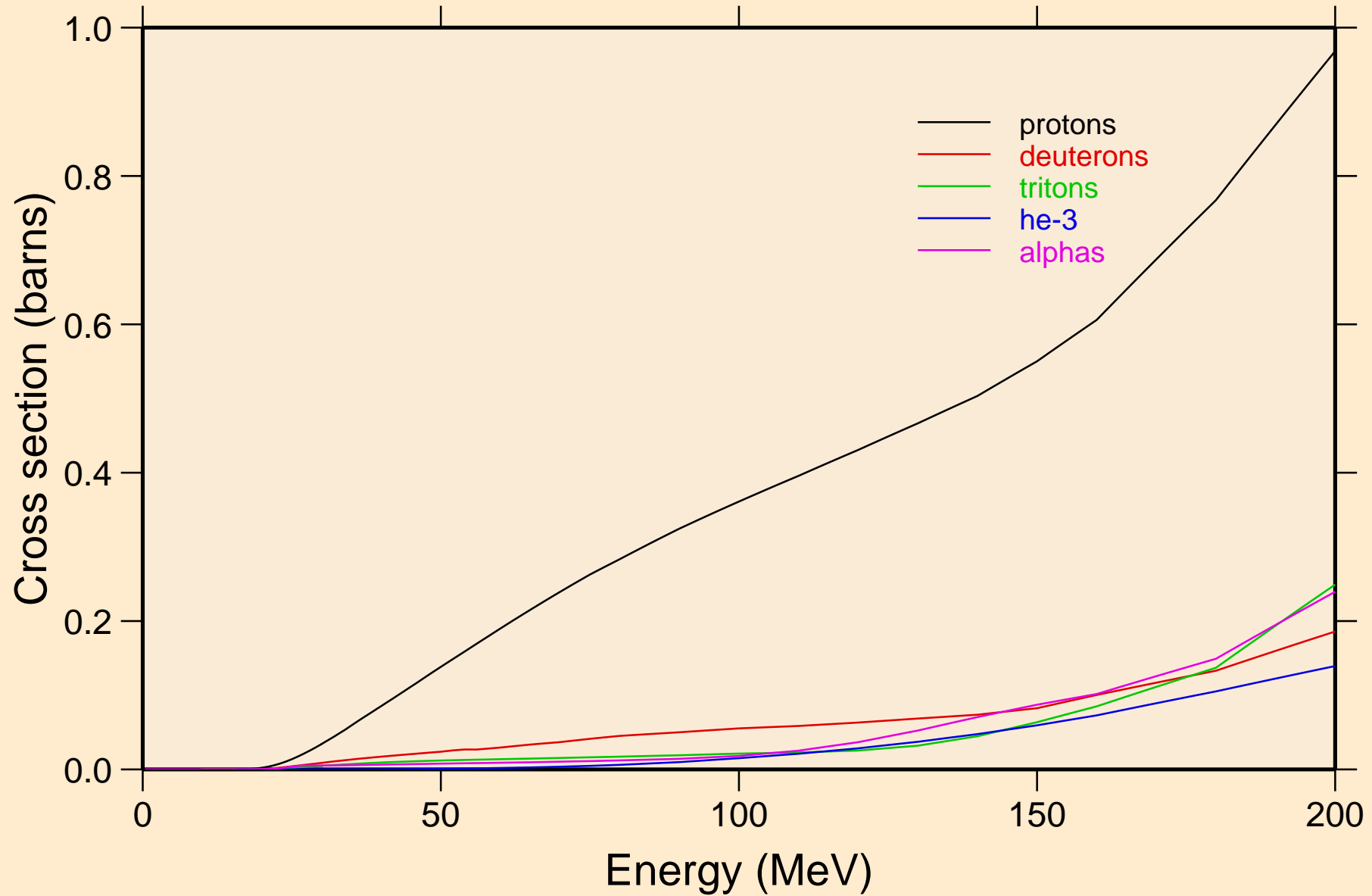
# CE152 NRG TENDL-2015, AKONING

## Recoil Heating

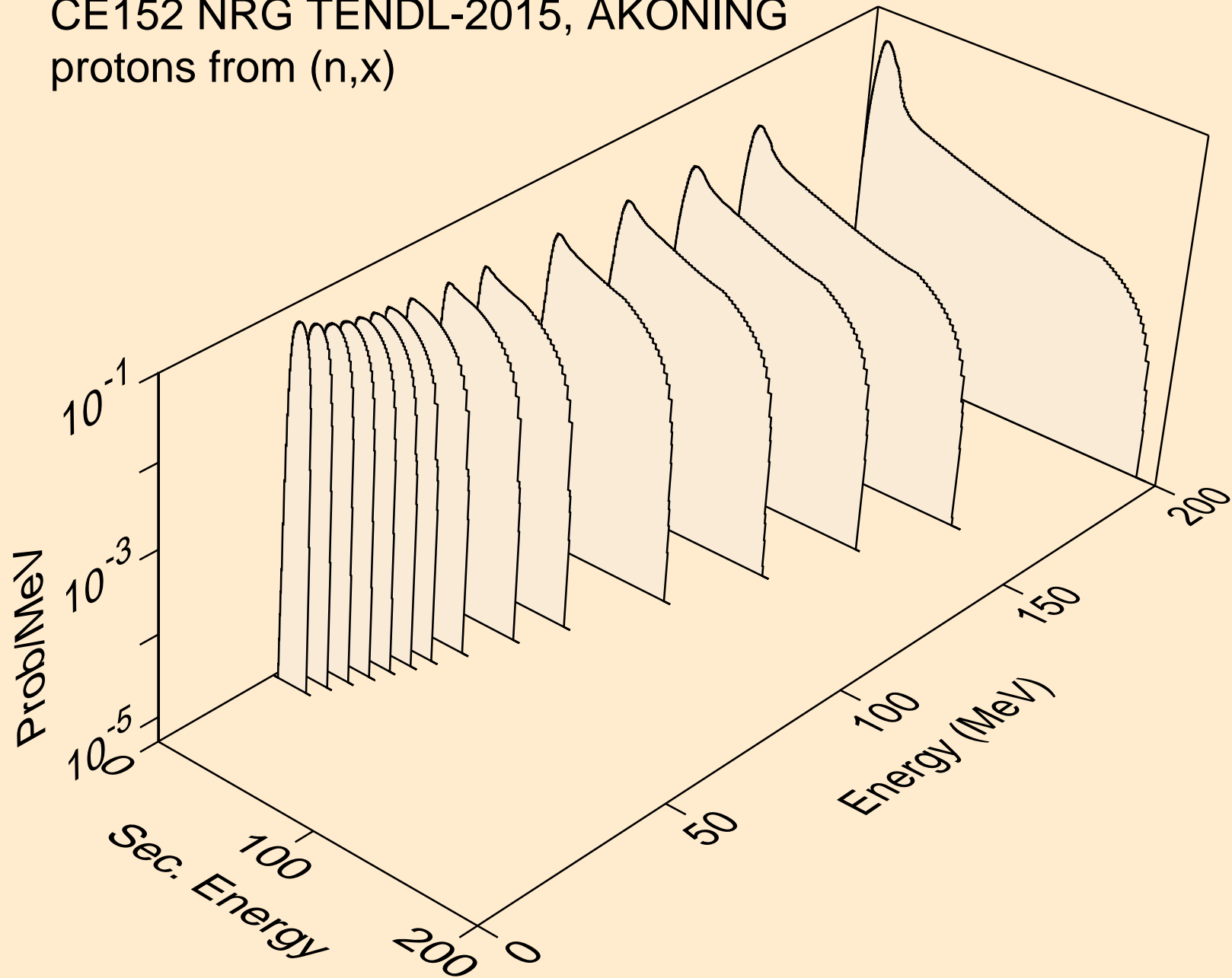


# CE152 NRG TENDL-2015, AKONING

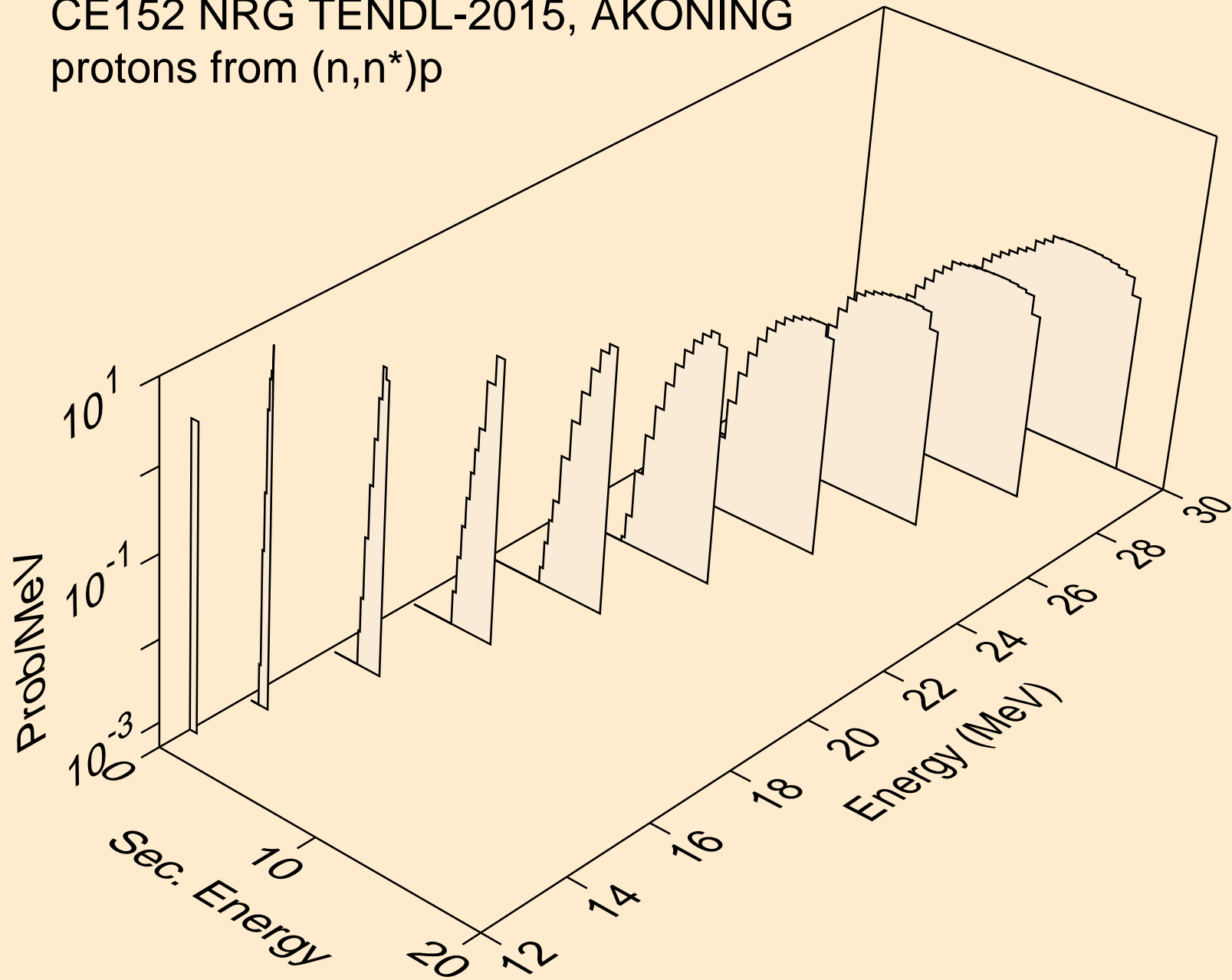
## Particle production cross sections



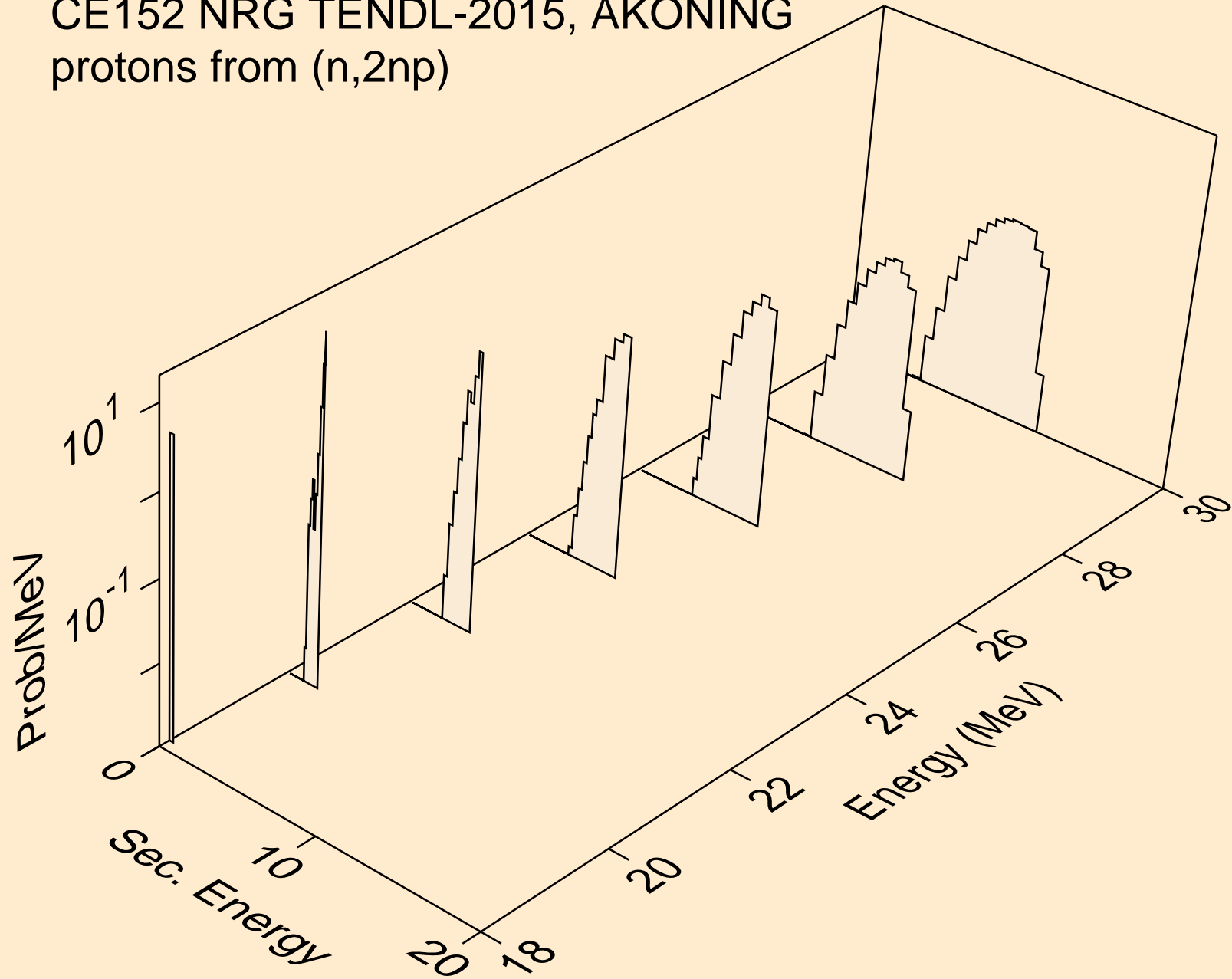
CE152 NRG TENDL-2015, AKONING  
protons from (n,x)



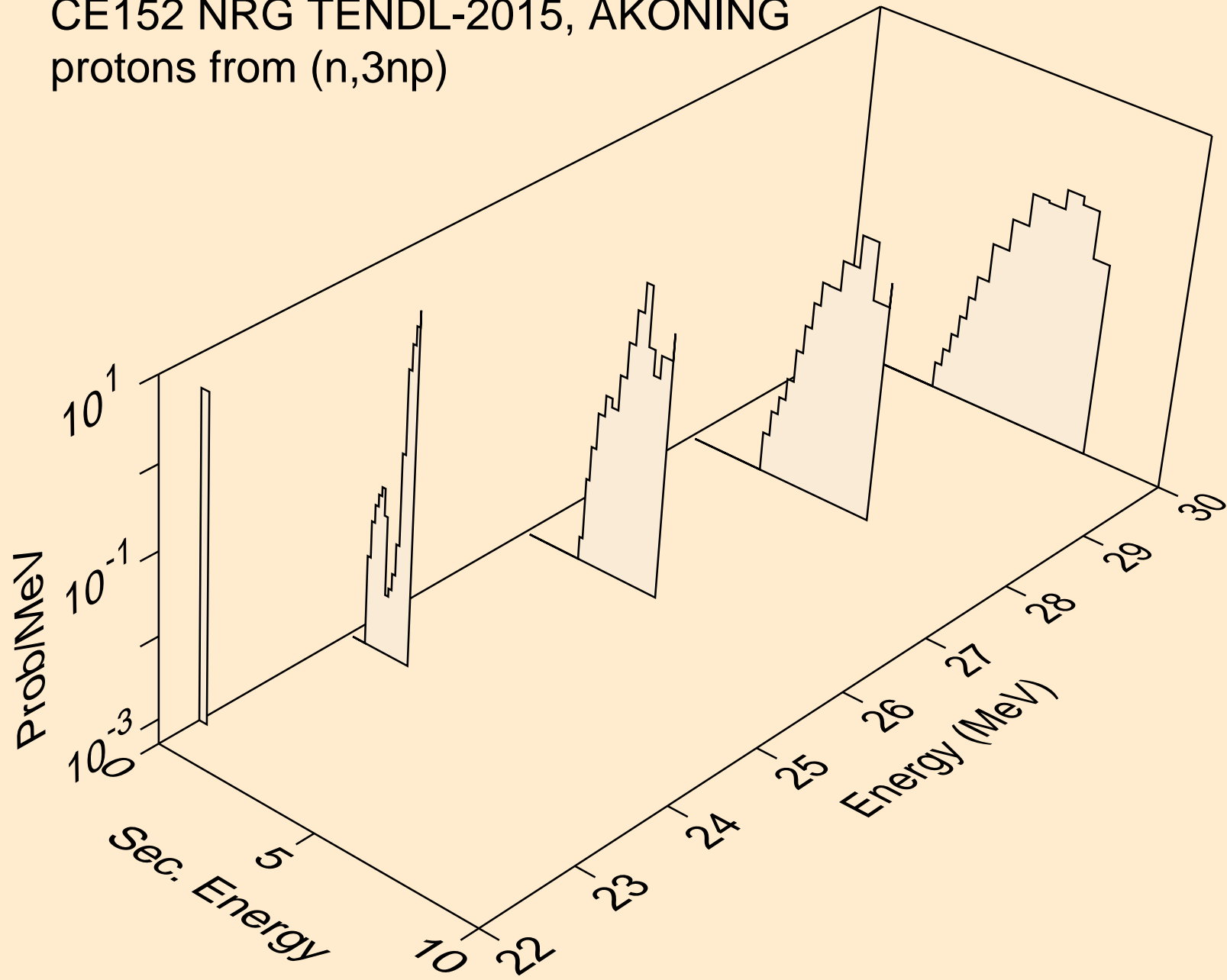
CE152 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



CE152 NRG TENDL-2015, AKONING  
protons from (n,2np)

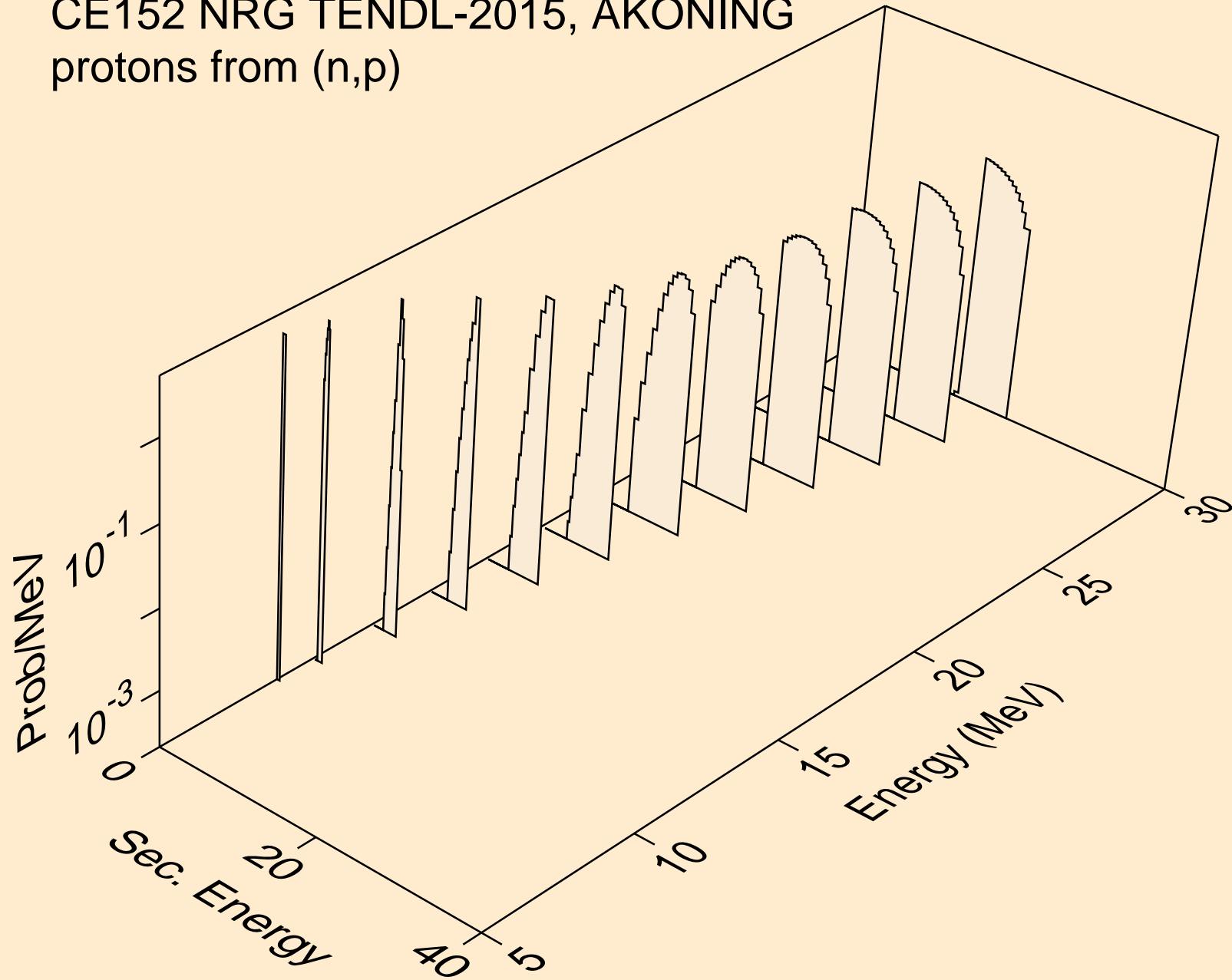


CE152 NRG TENDL-2015, AKONING  
protons from (n,3np)

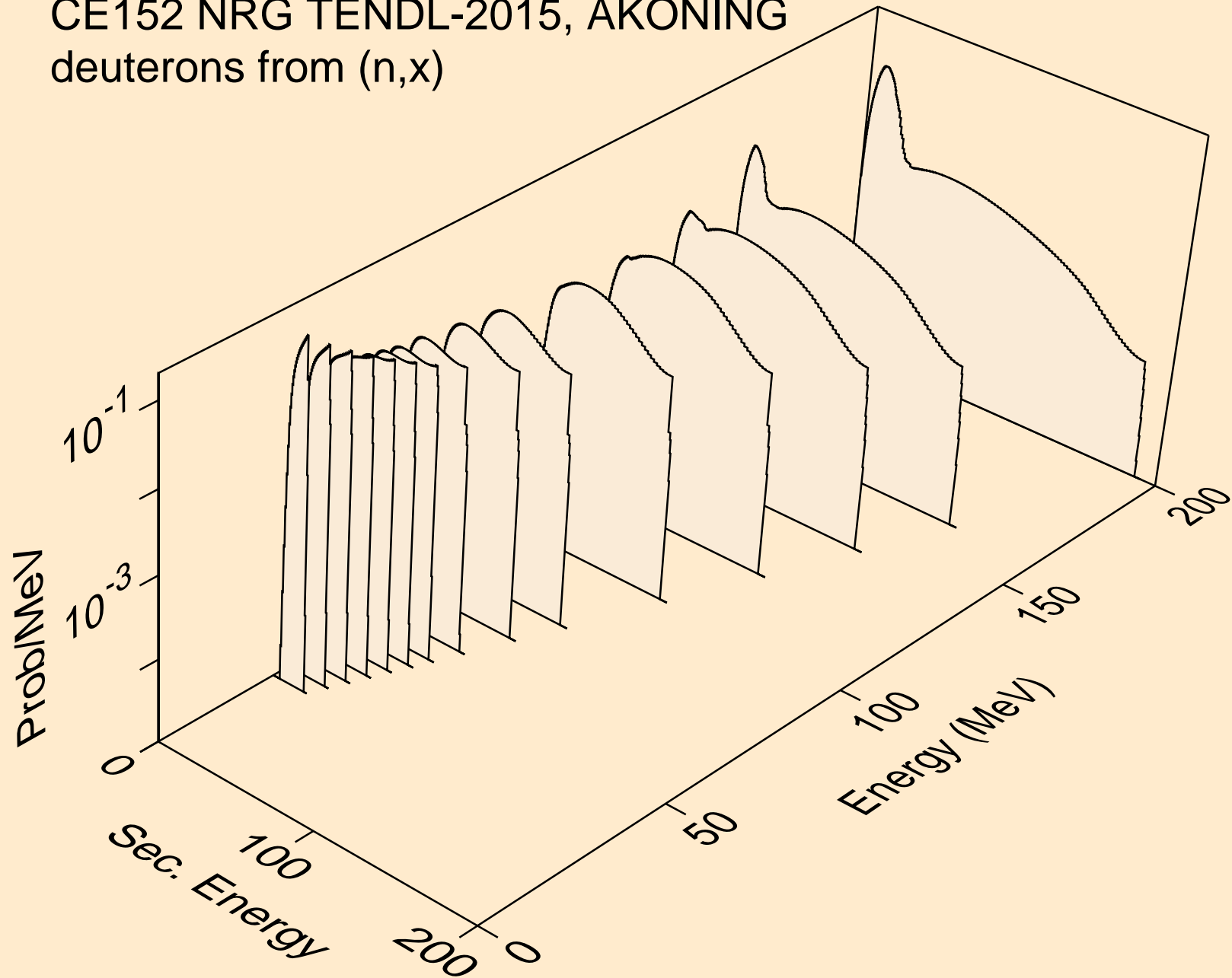




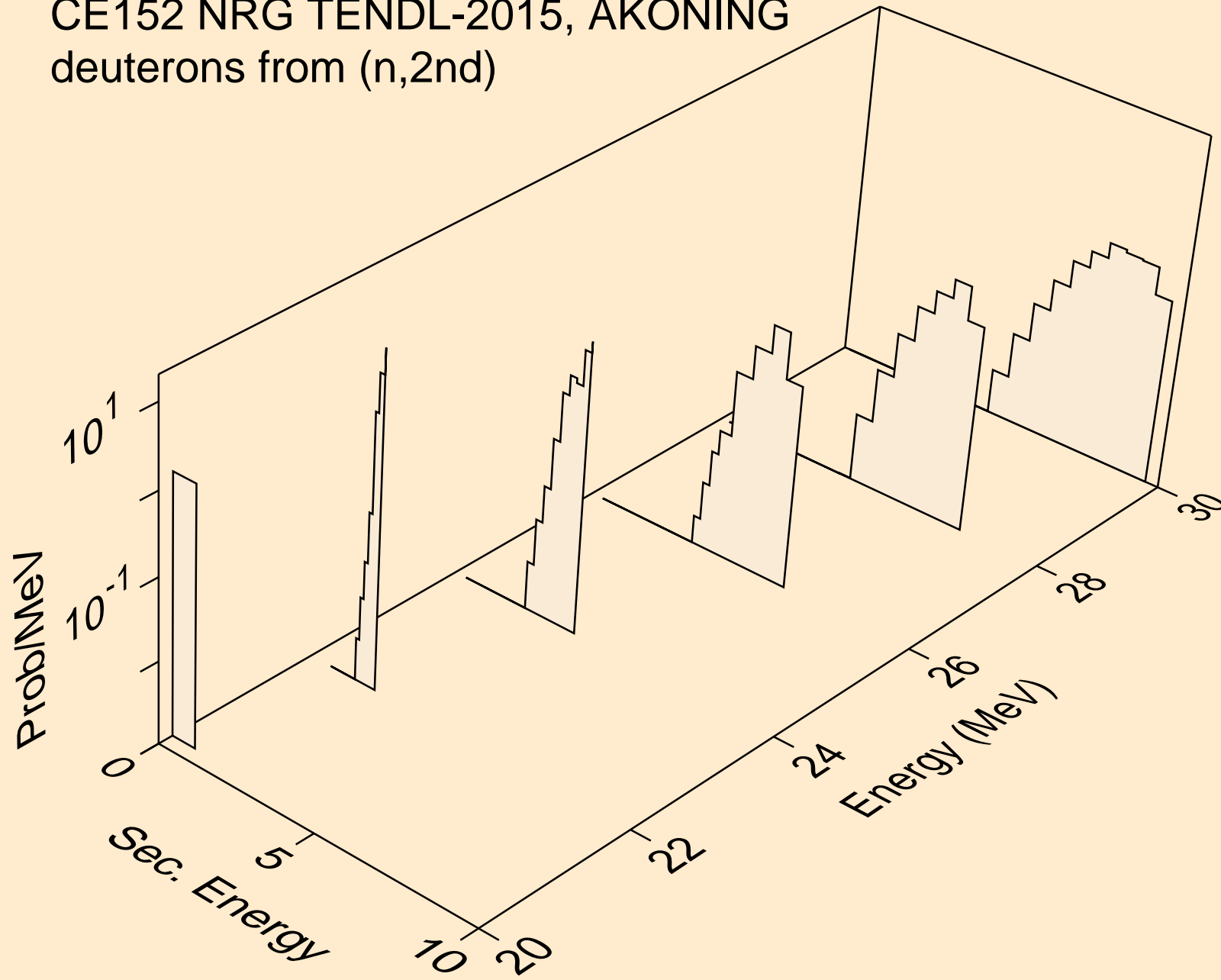
CE152 NRG TENDL-2015, AKONING  
protons from (n,p)



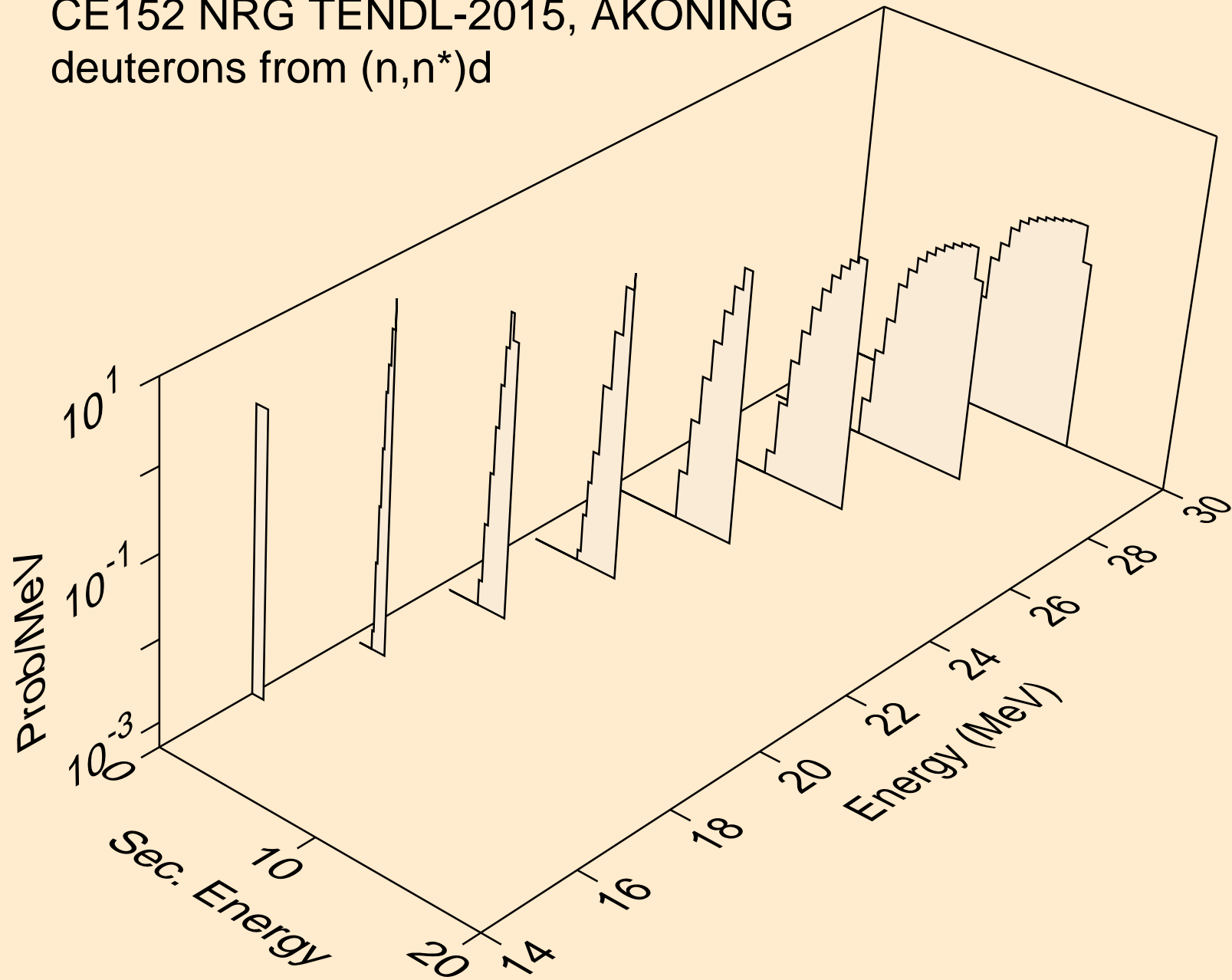
CE152 NRG TENDL-2015, AKONING  
deuterons from (n,x)



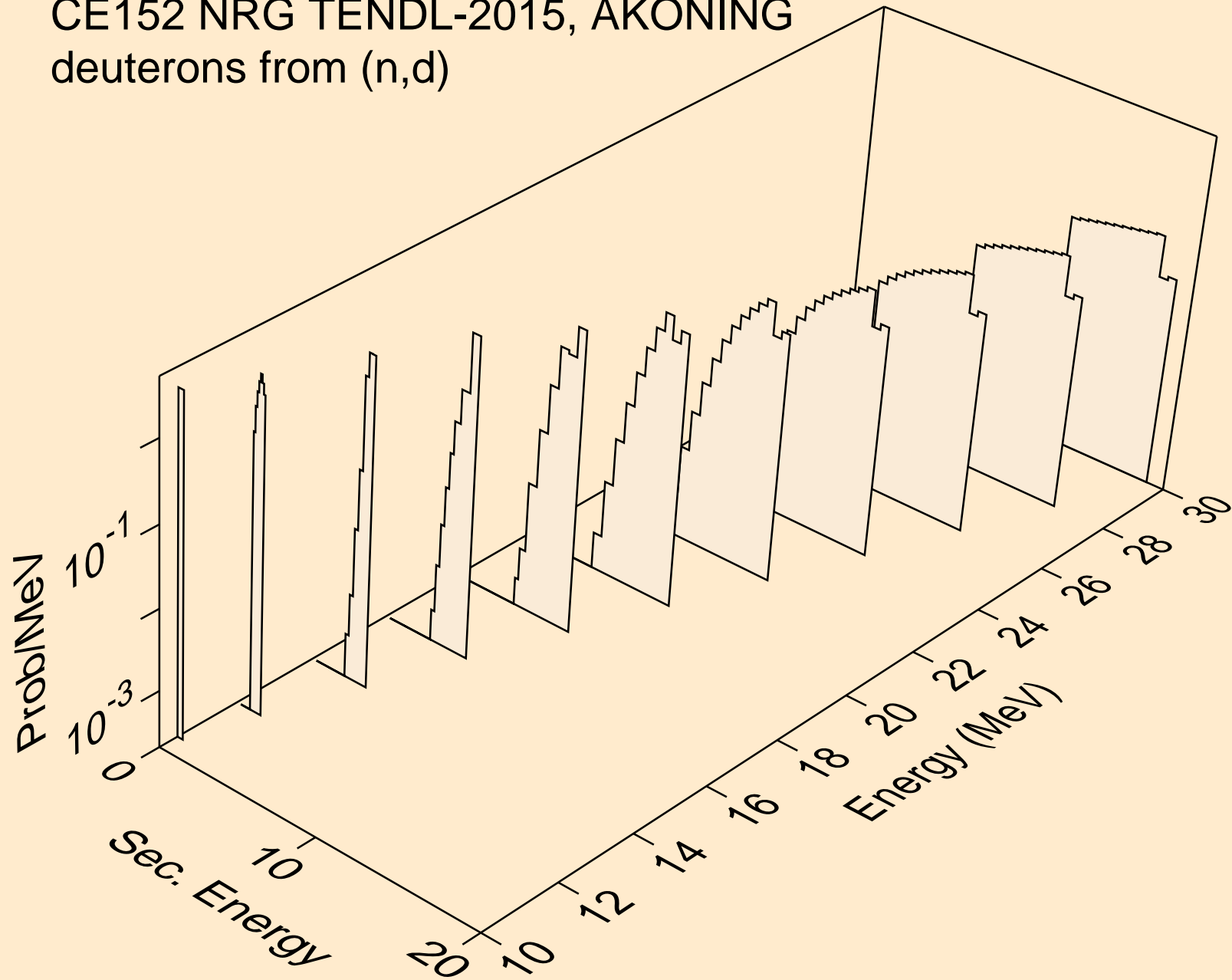
CE152 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



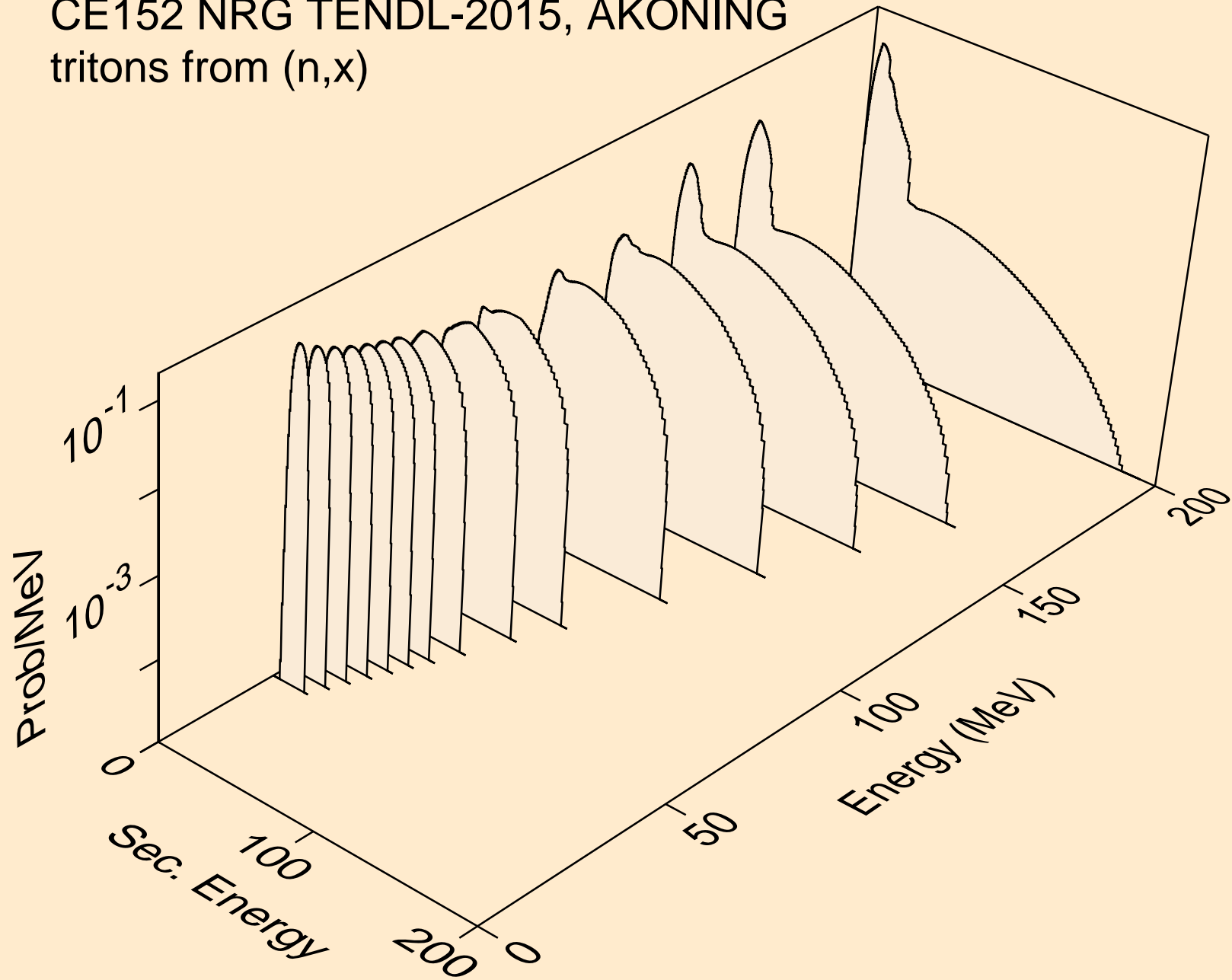
CE152 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



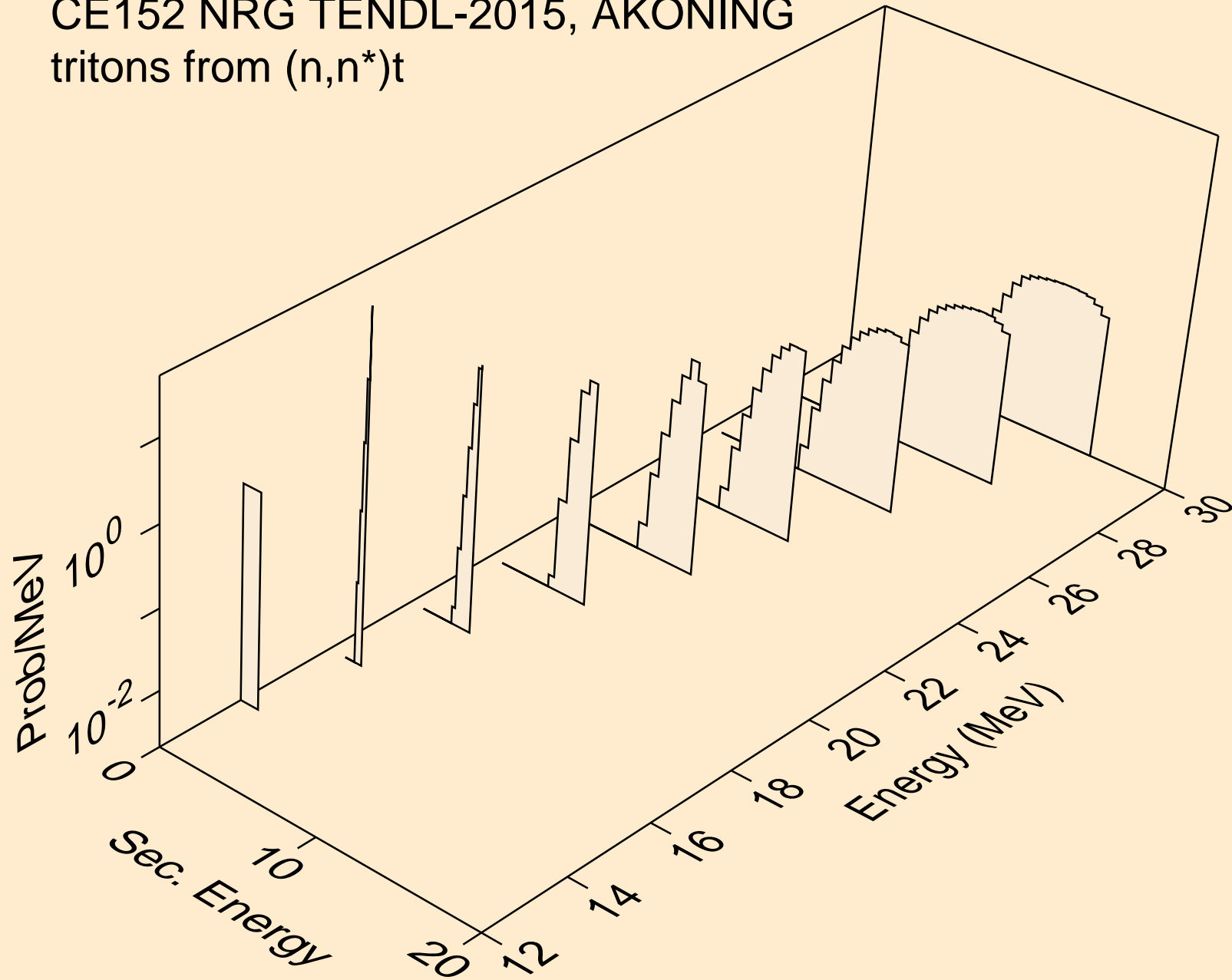
CE152 NRG TENDL-2015, AKONING  
deuterons from (n,d)



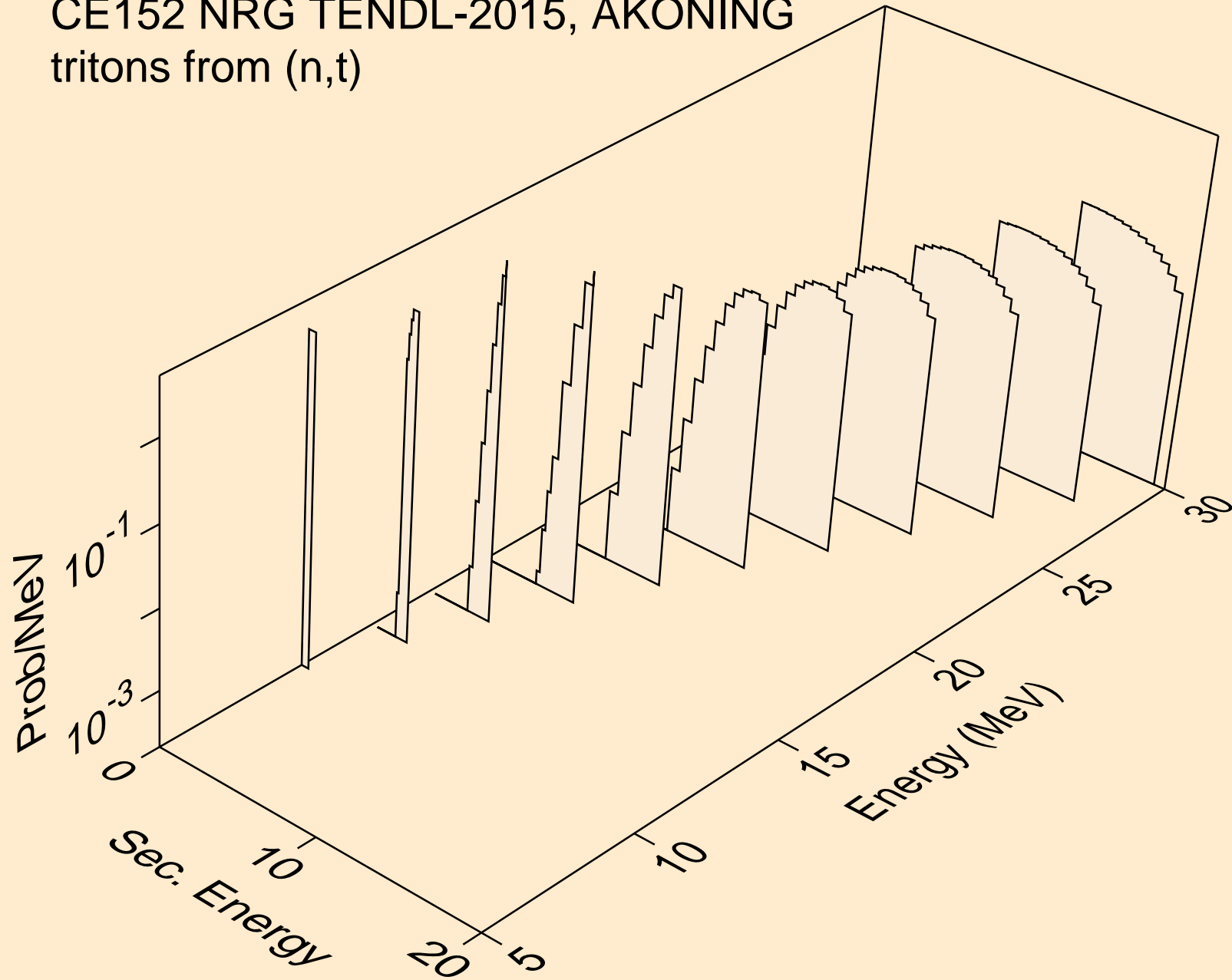
CE152 NRG TENDL-2015, AKONING  
tritons from (n,x)



CE152 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

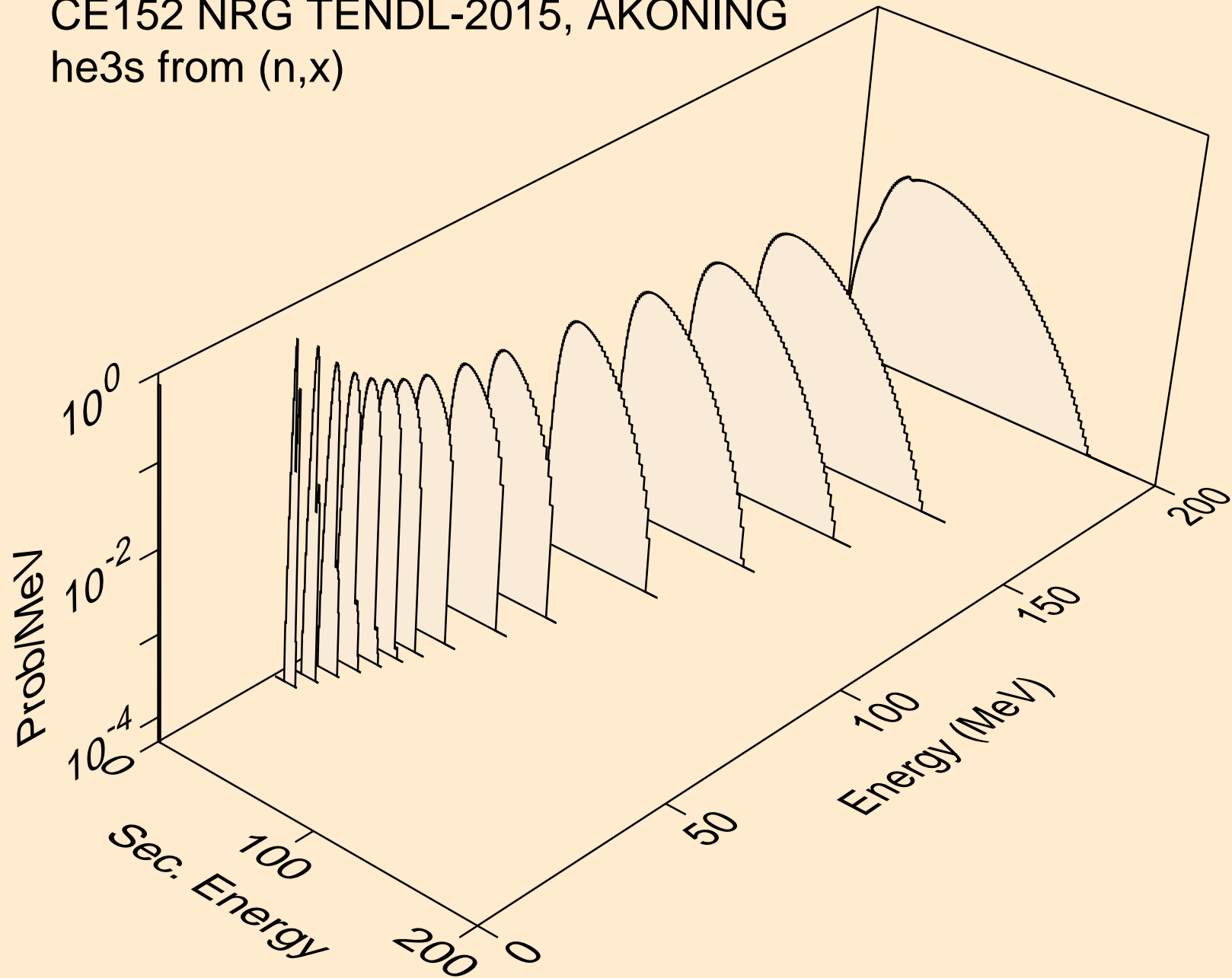


CE152 NRG TENDL-2015, AKONING  
tritons from (n,t)

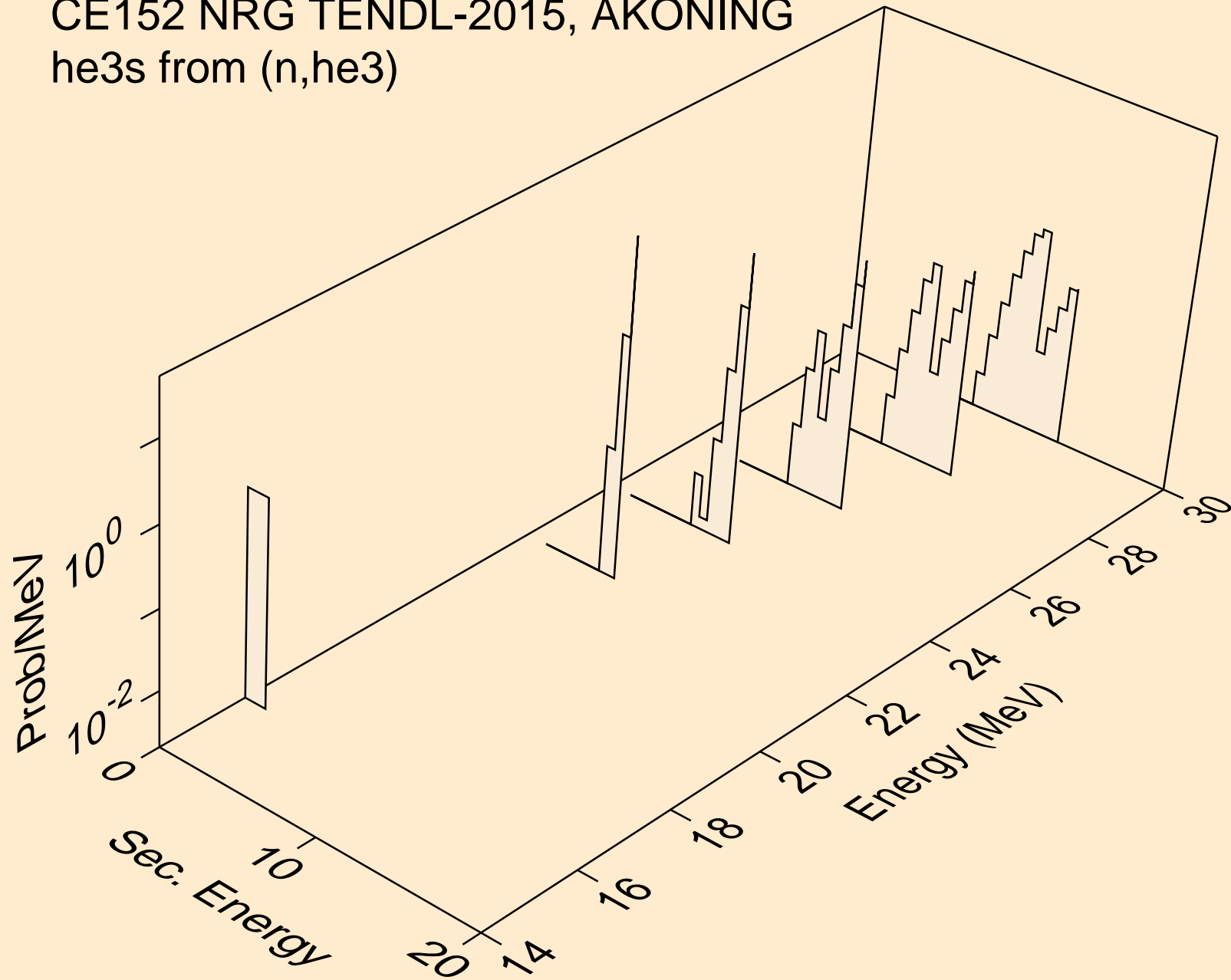




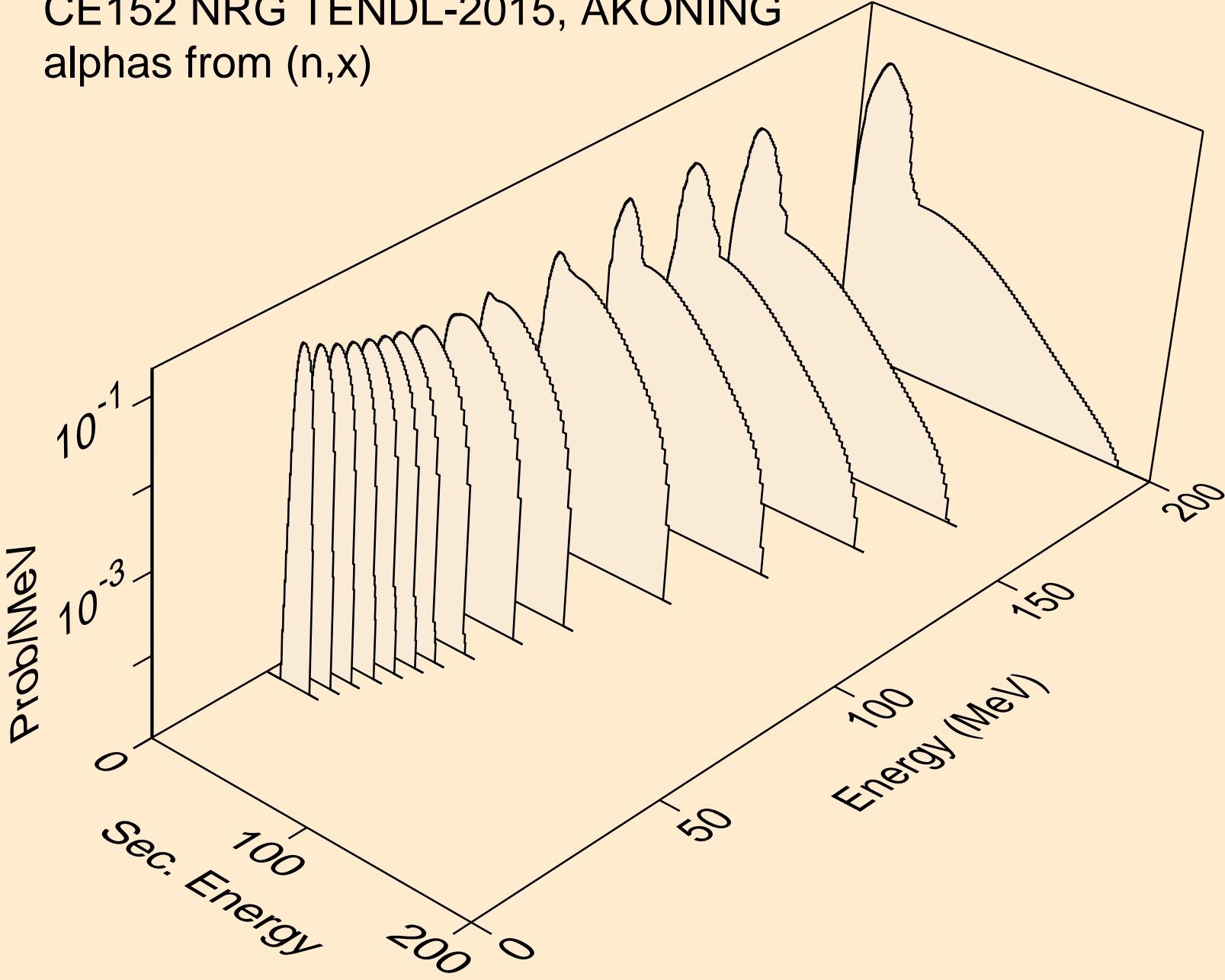
CE152 NRG TENDL-2015, AKONING  
he3s from (n,x)



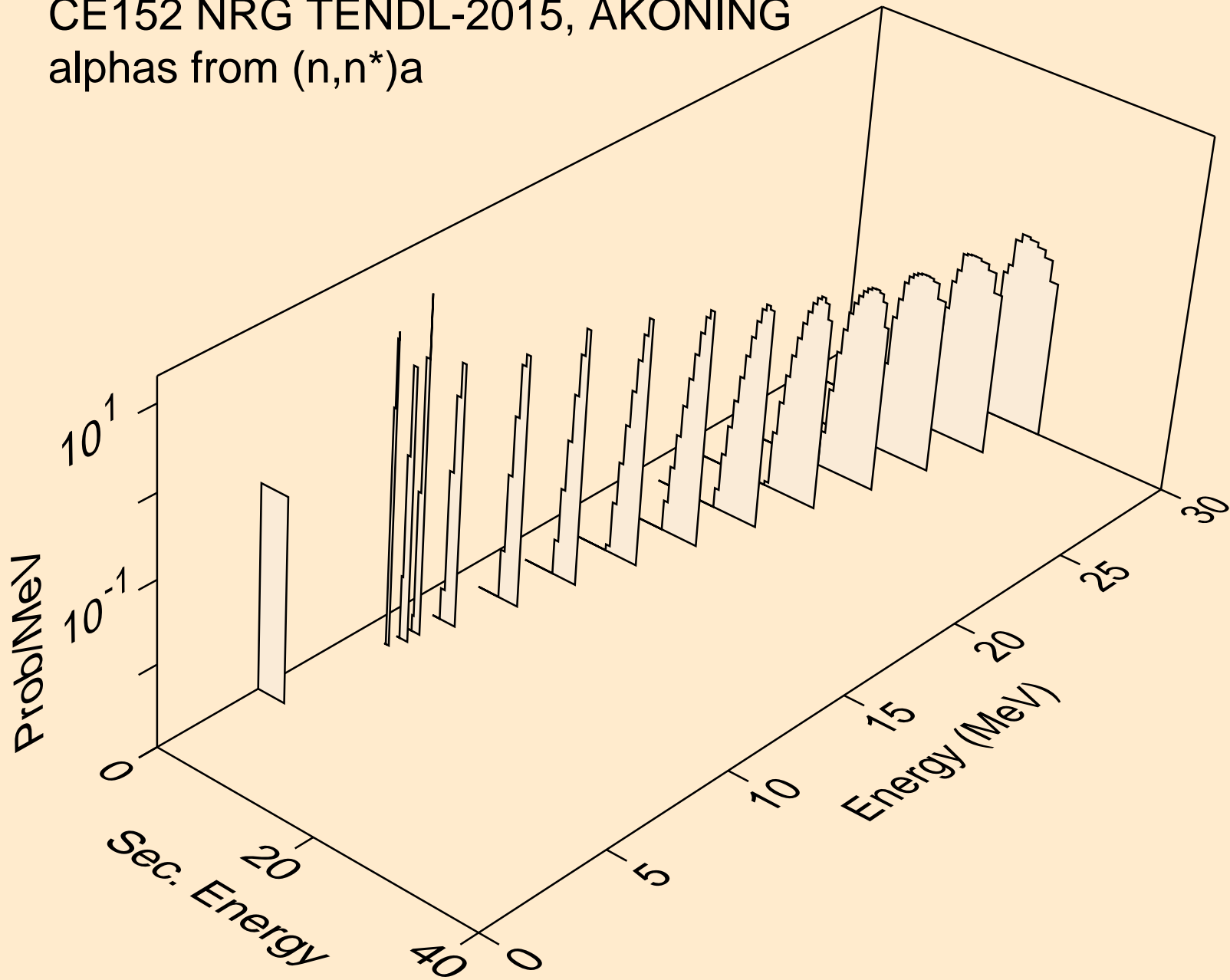
CE152 NRG TENDL-2015, AKONING  
he3s from (n,he3)



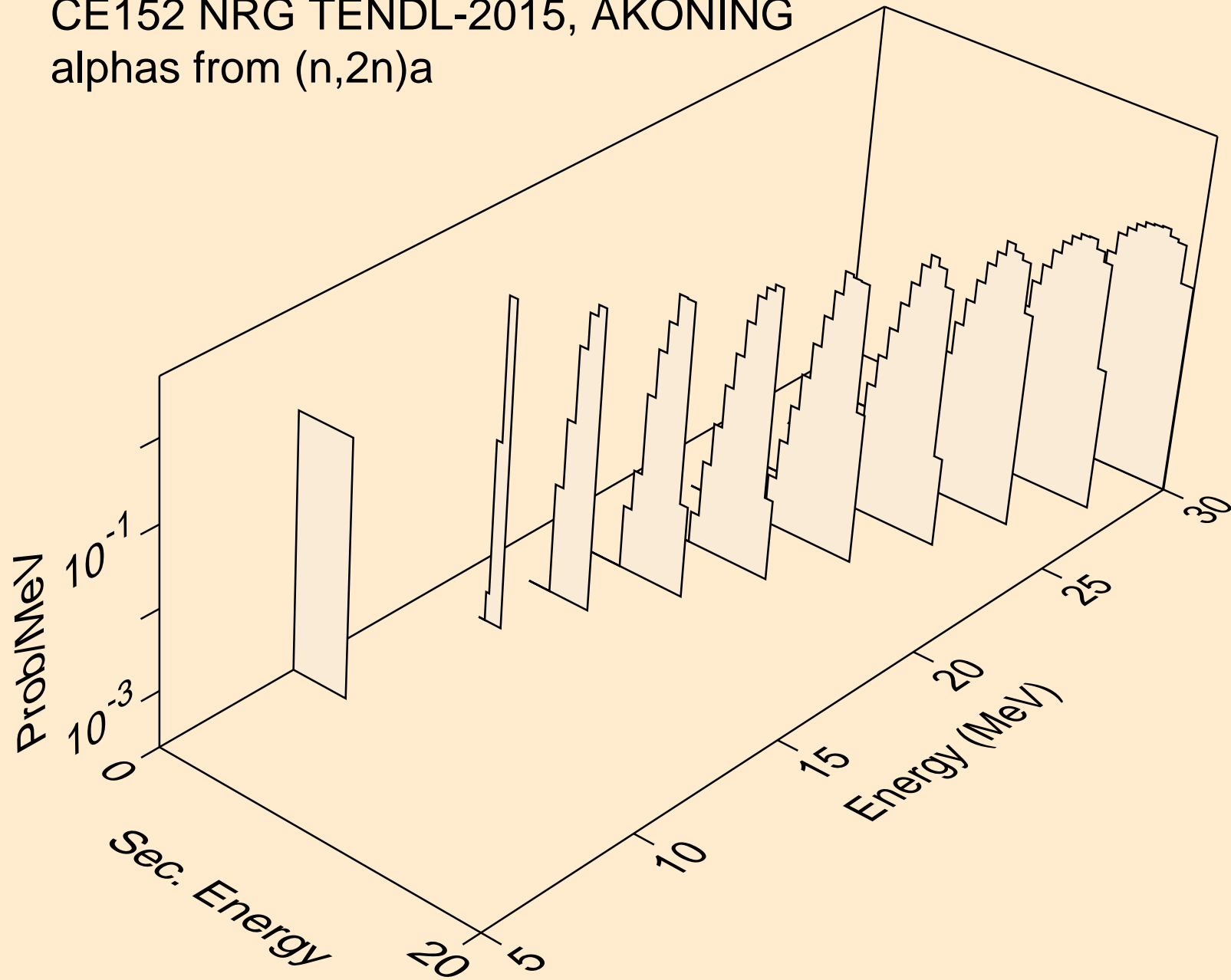
CE152 NRG TENDL-2015, AKONING  
alphas from (n,x)



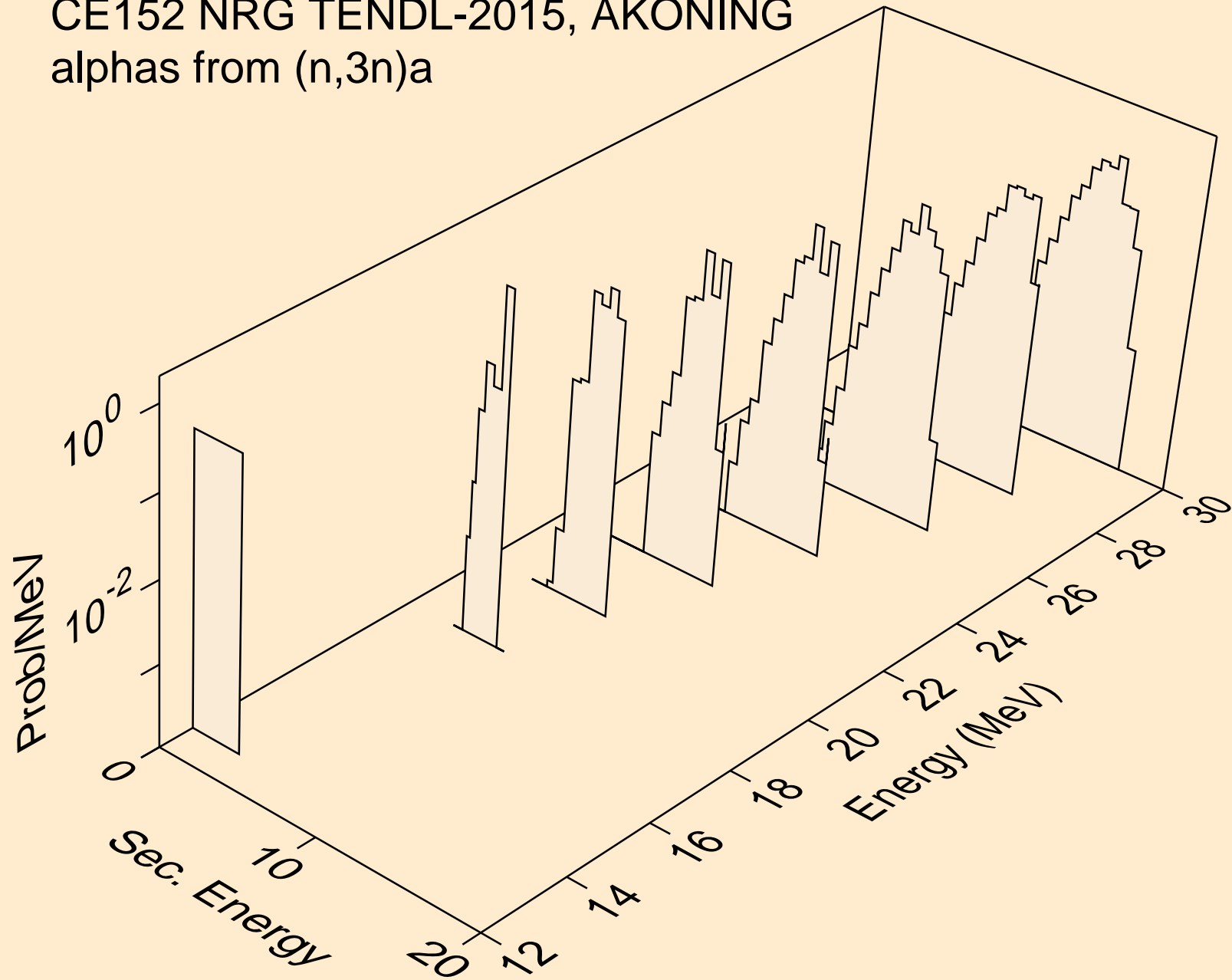
CE152 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



CE152 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



CE152 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



CE152 NRG TENDL-2015, AKONING  
alphas from (n,a)

