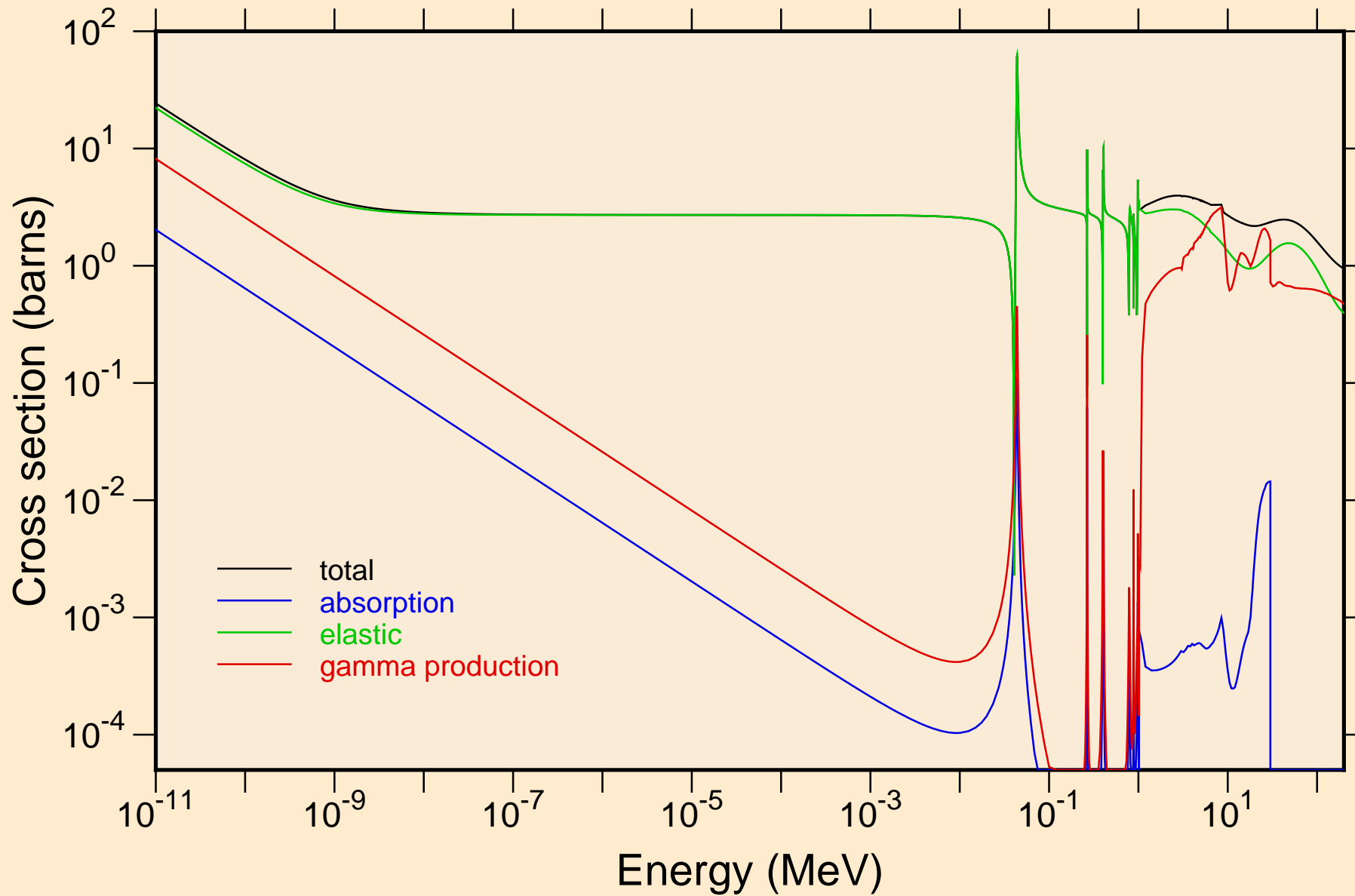


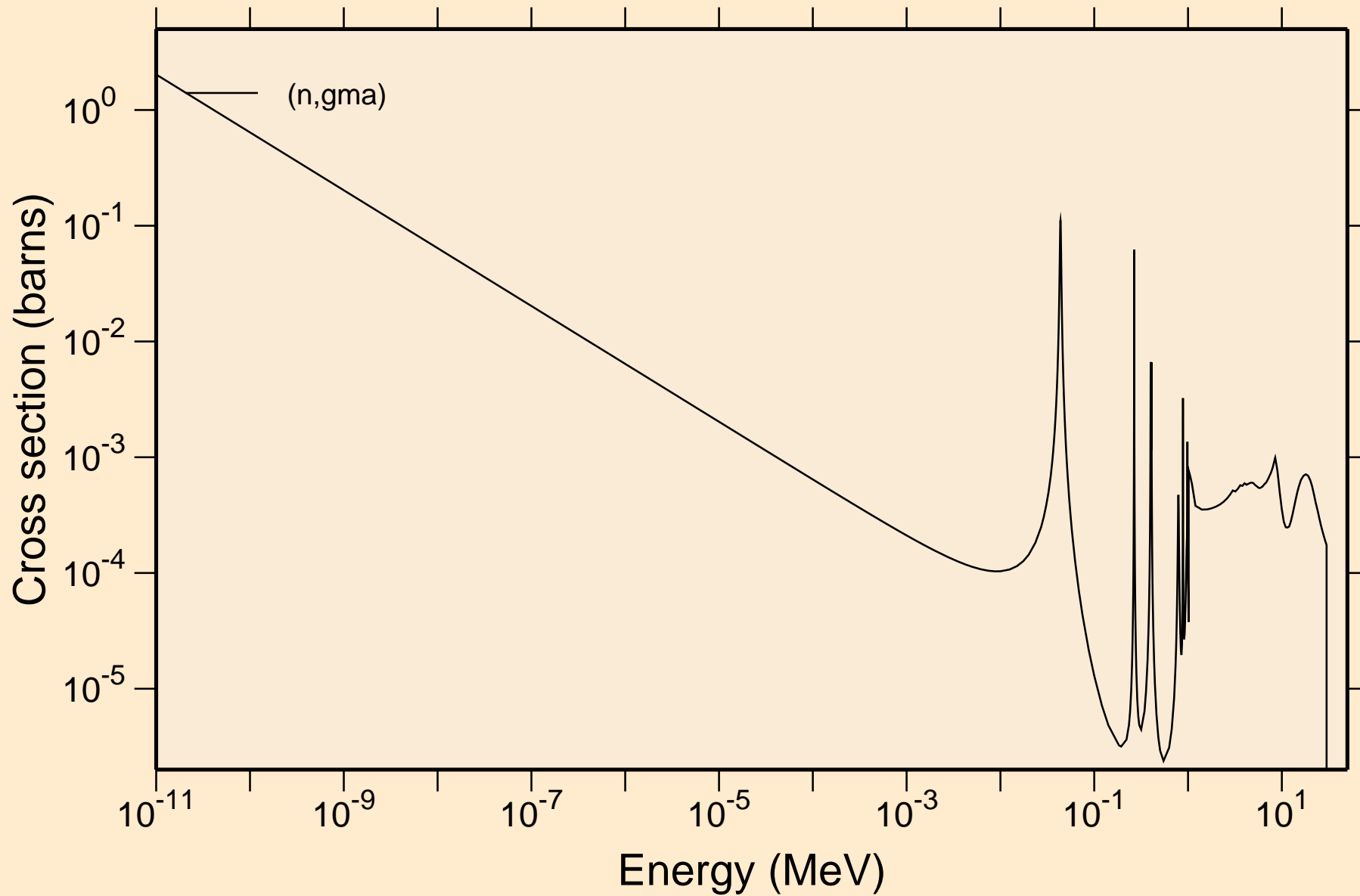
# CA050 NRG TENDL-2015, AKONING

## Principal cross sections



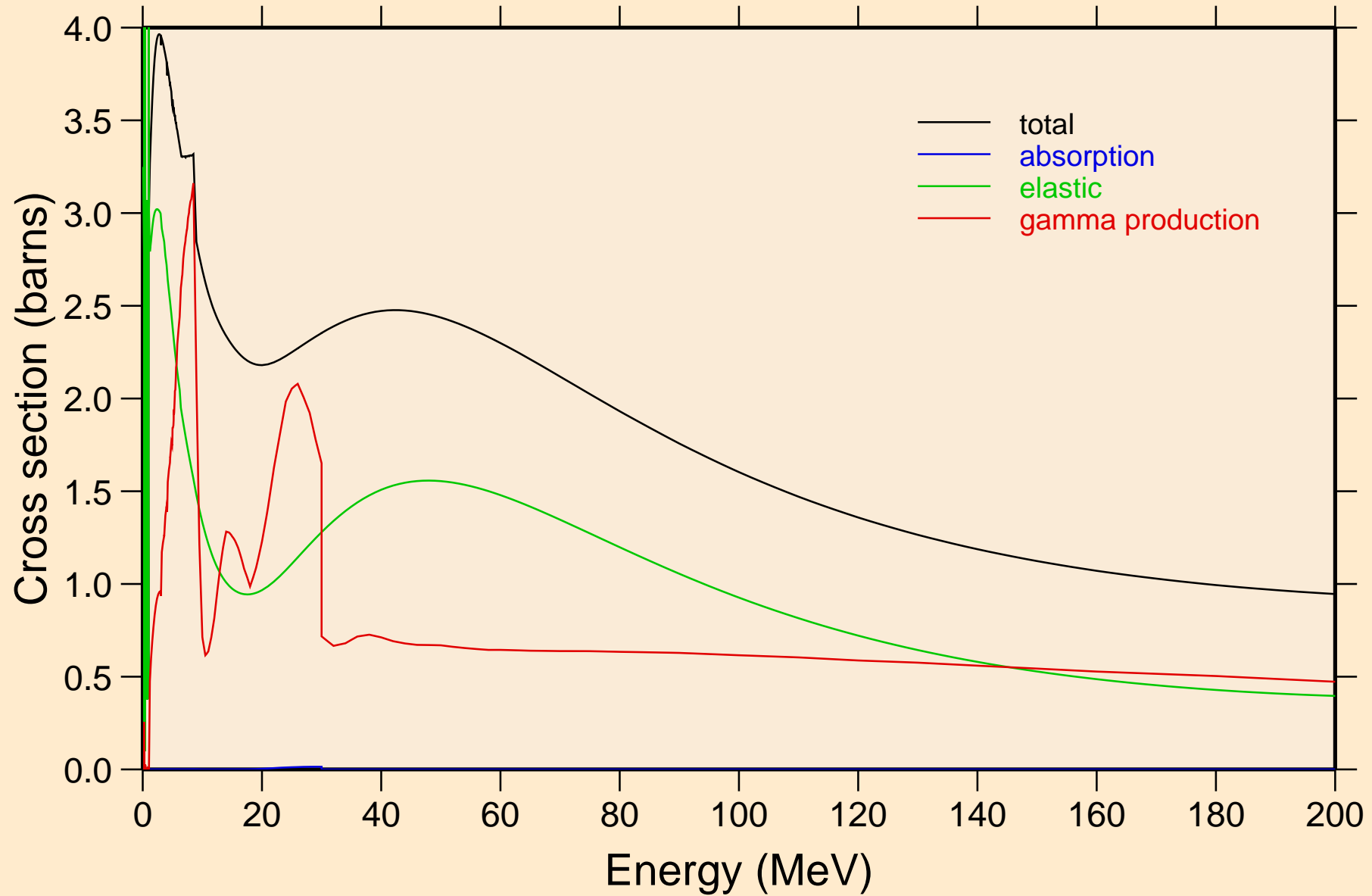
# CA050 NRG TENDL-2015, AKONING

## Non-threshold reactions



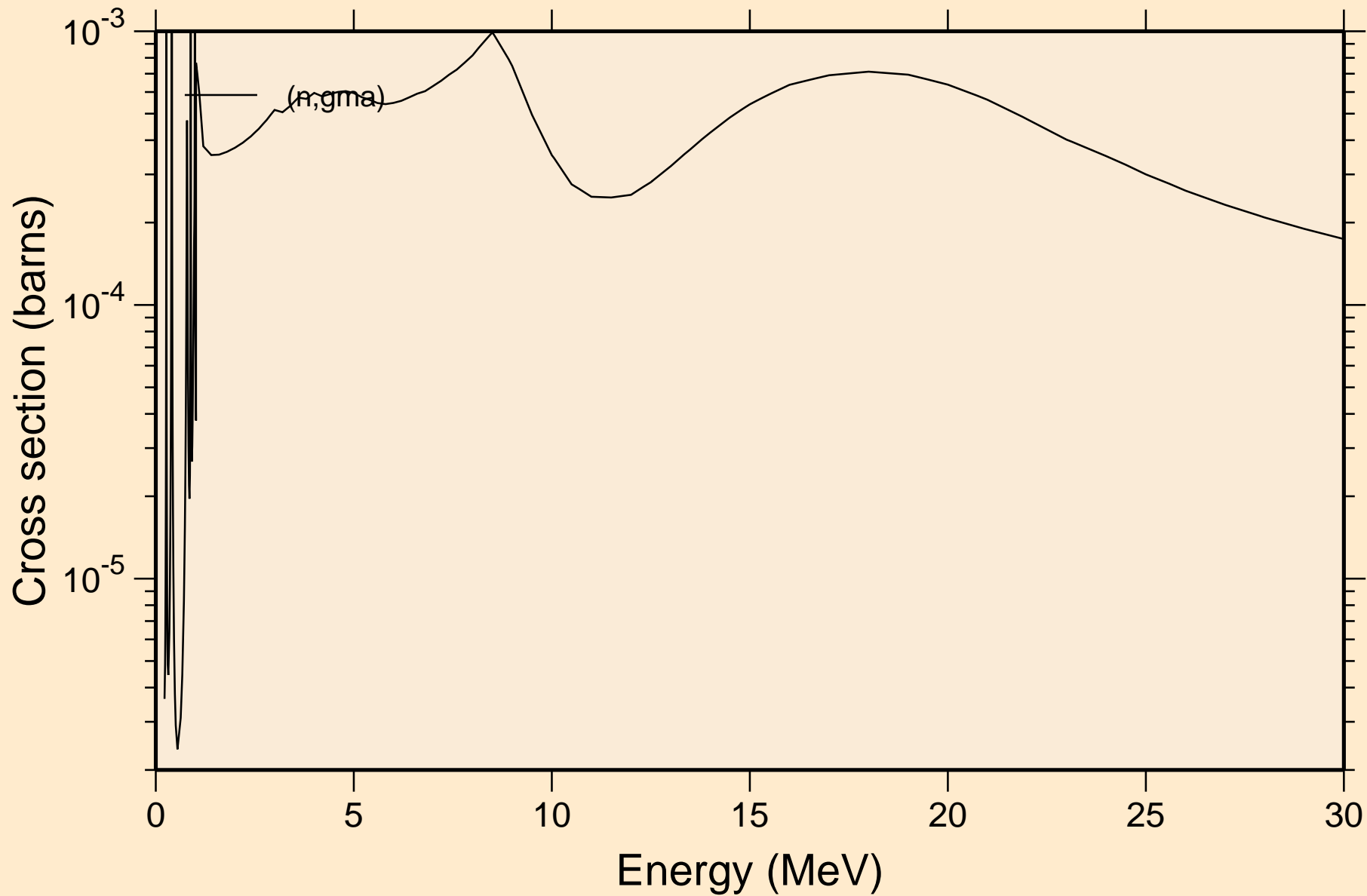
# CA050 NRG TENDL-2015, AKONING

## Principal cross sections



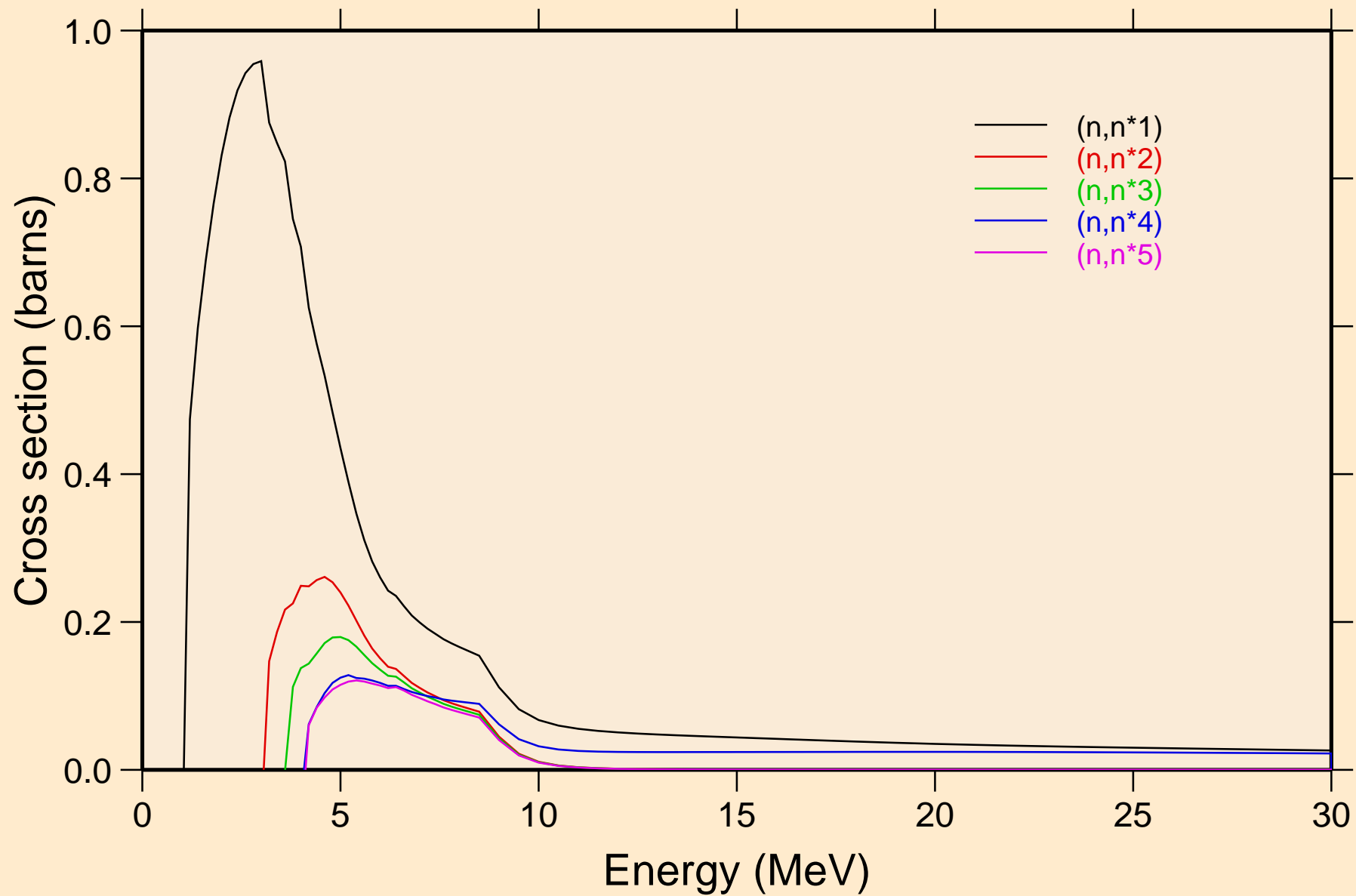
# CA050 NRG TENDL-2015, AKONING

## Non-threshold reactions



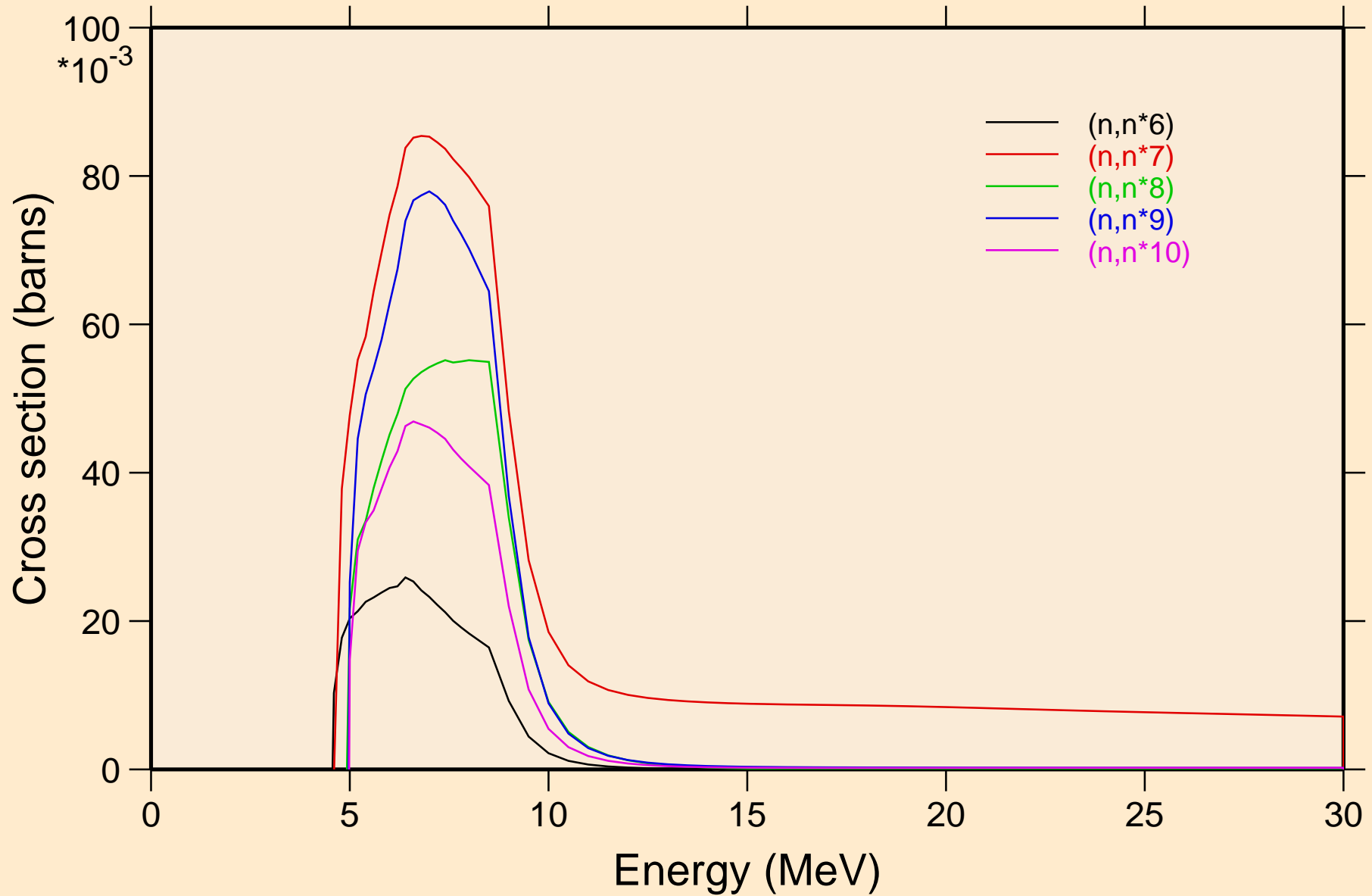
# CA050 NRG TENDL-2015, AKONING

## Inelastic levels



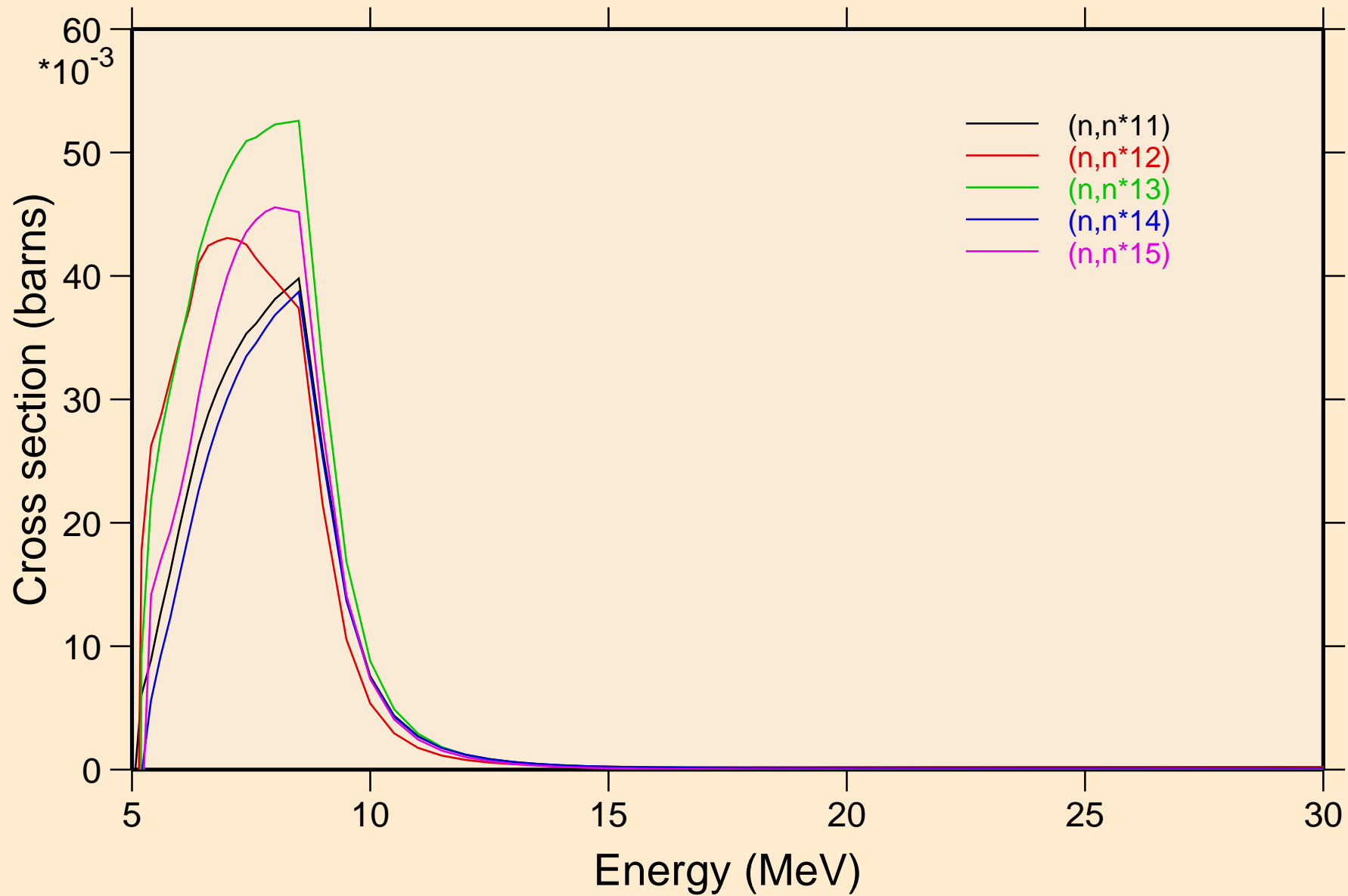
# CA050 NRG TENDL-2015, AKONING

## Inelastic levels



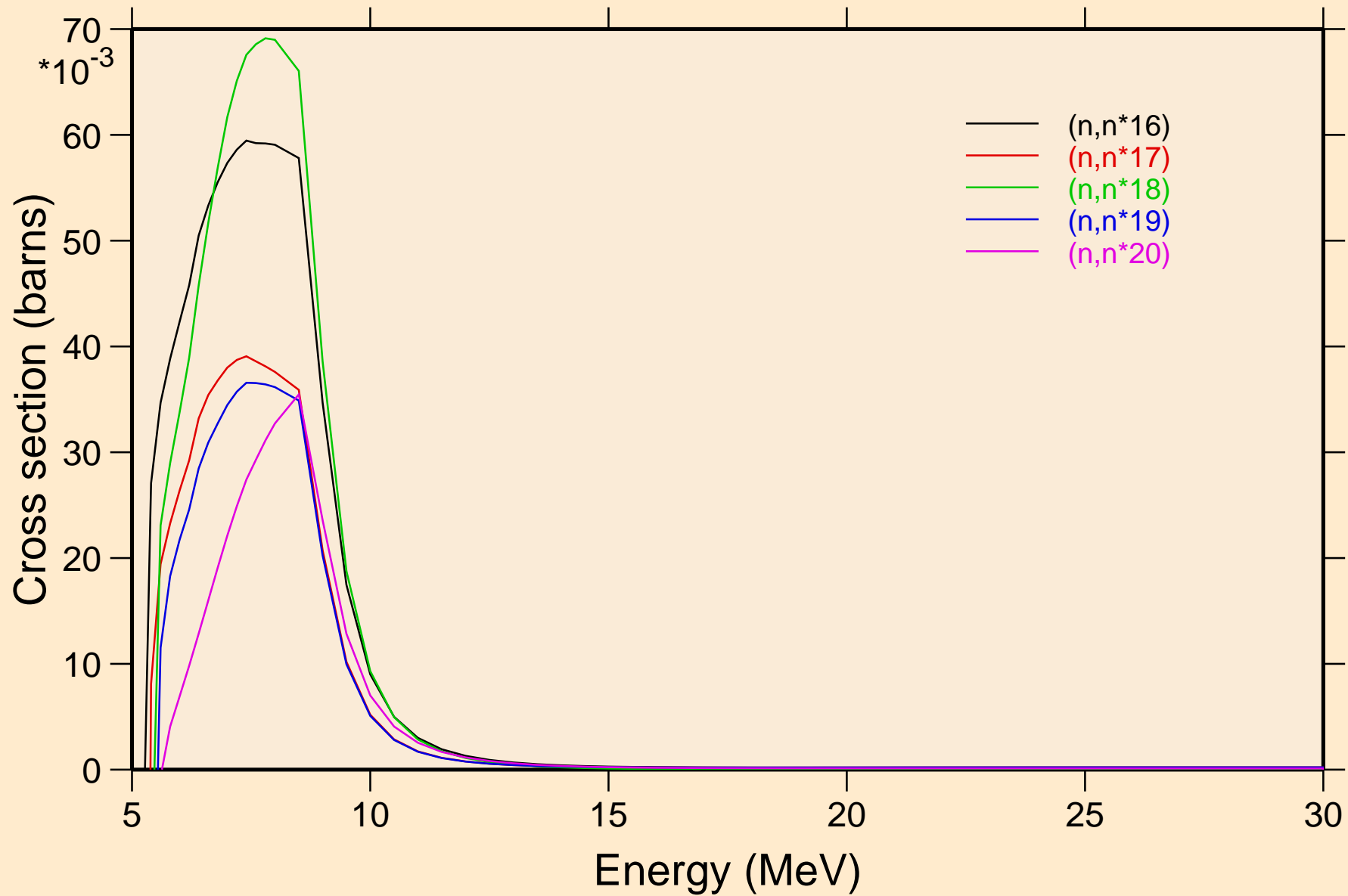
# CA050 NRG TENDL-2015, AKONING

## Inelastic levels



# CA050 NRG TENDL-2015, AKONING

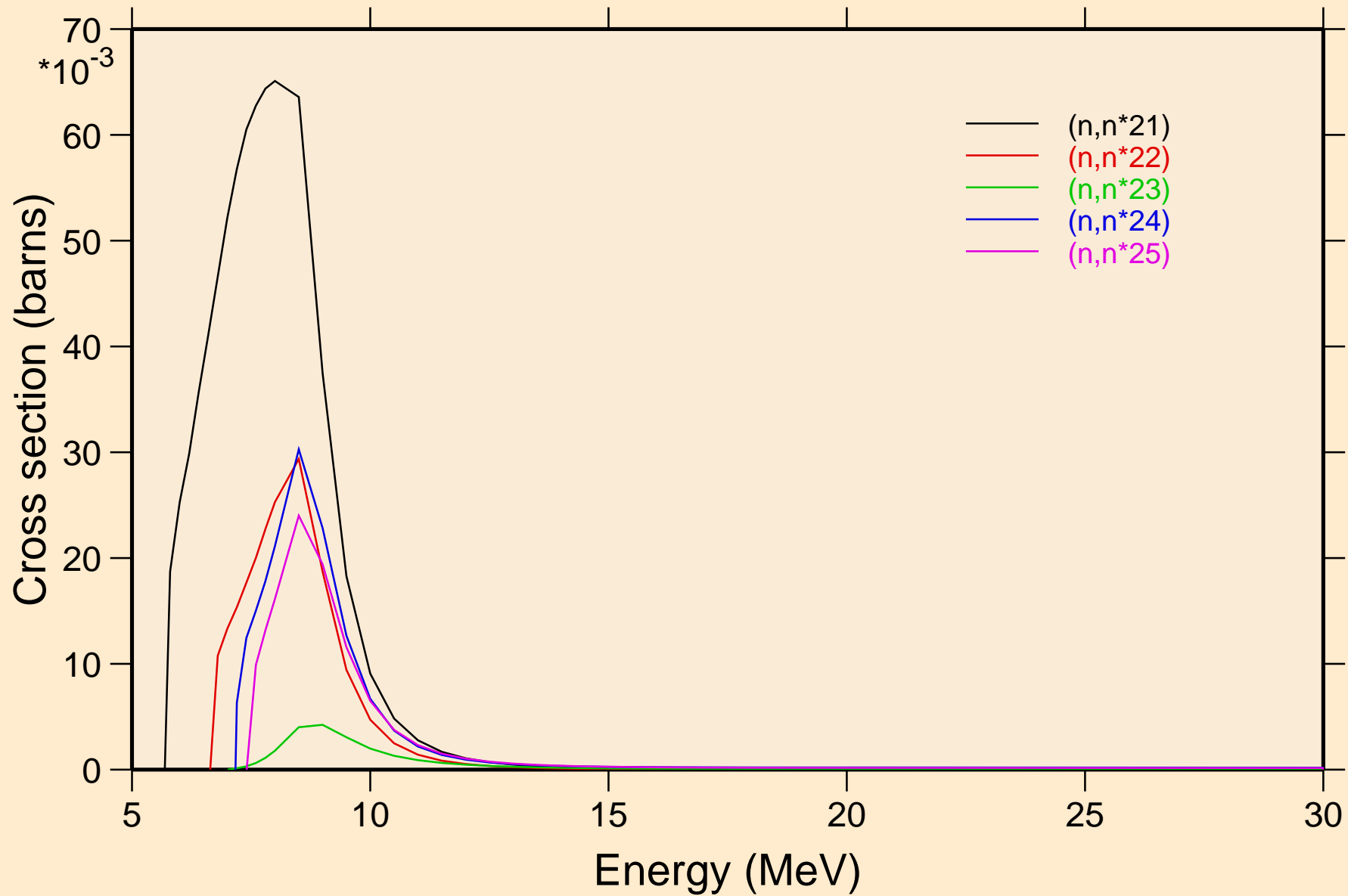
## Inelastic levels





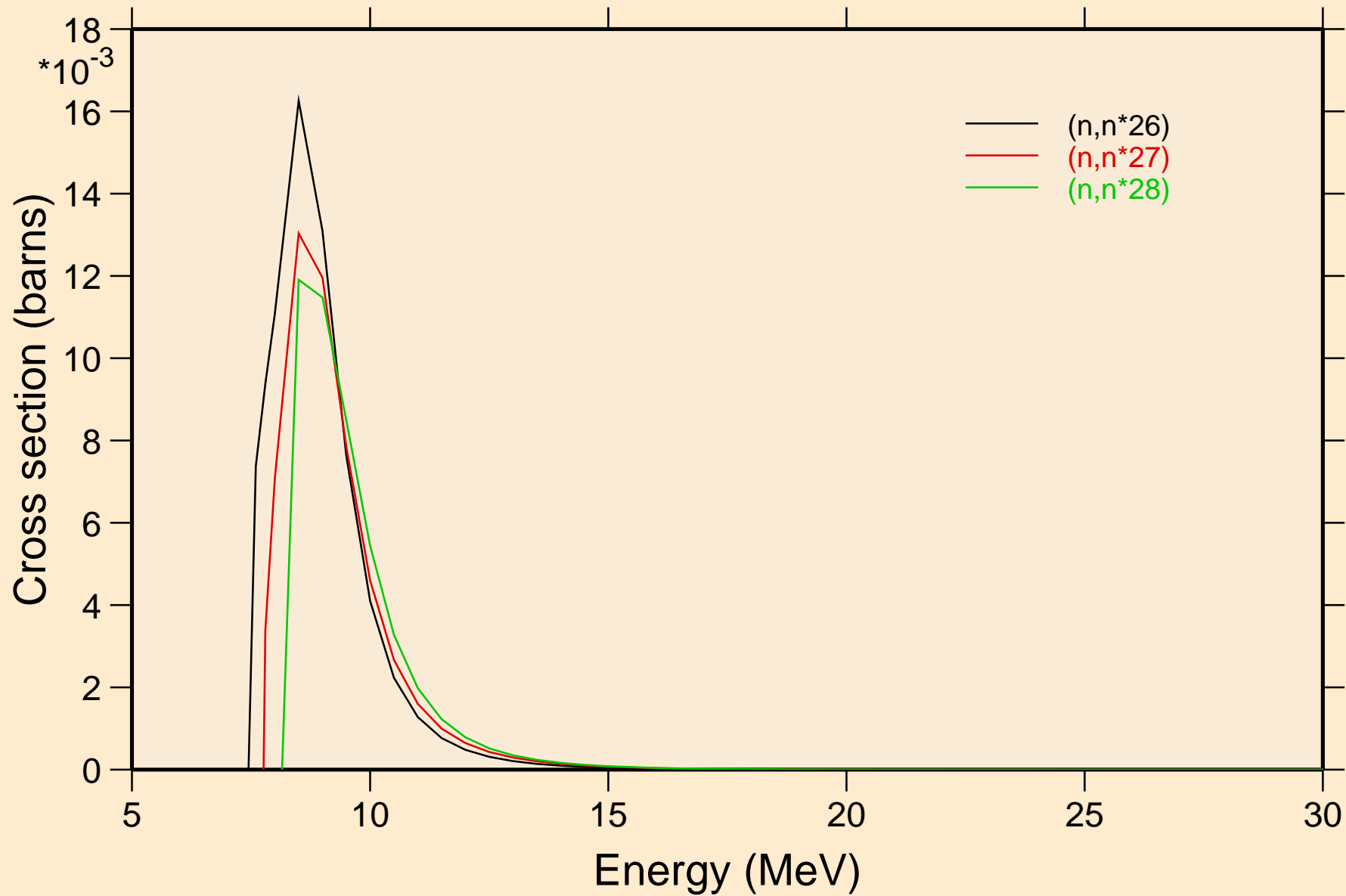
# CA050 NRG TENDL-2015, AKONING

## Inelastic levels



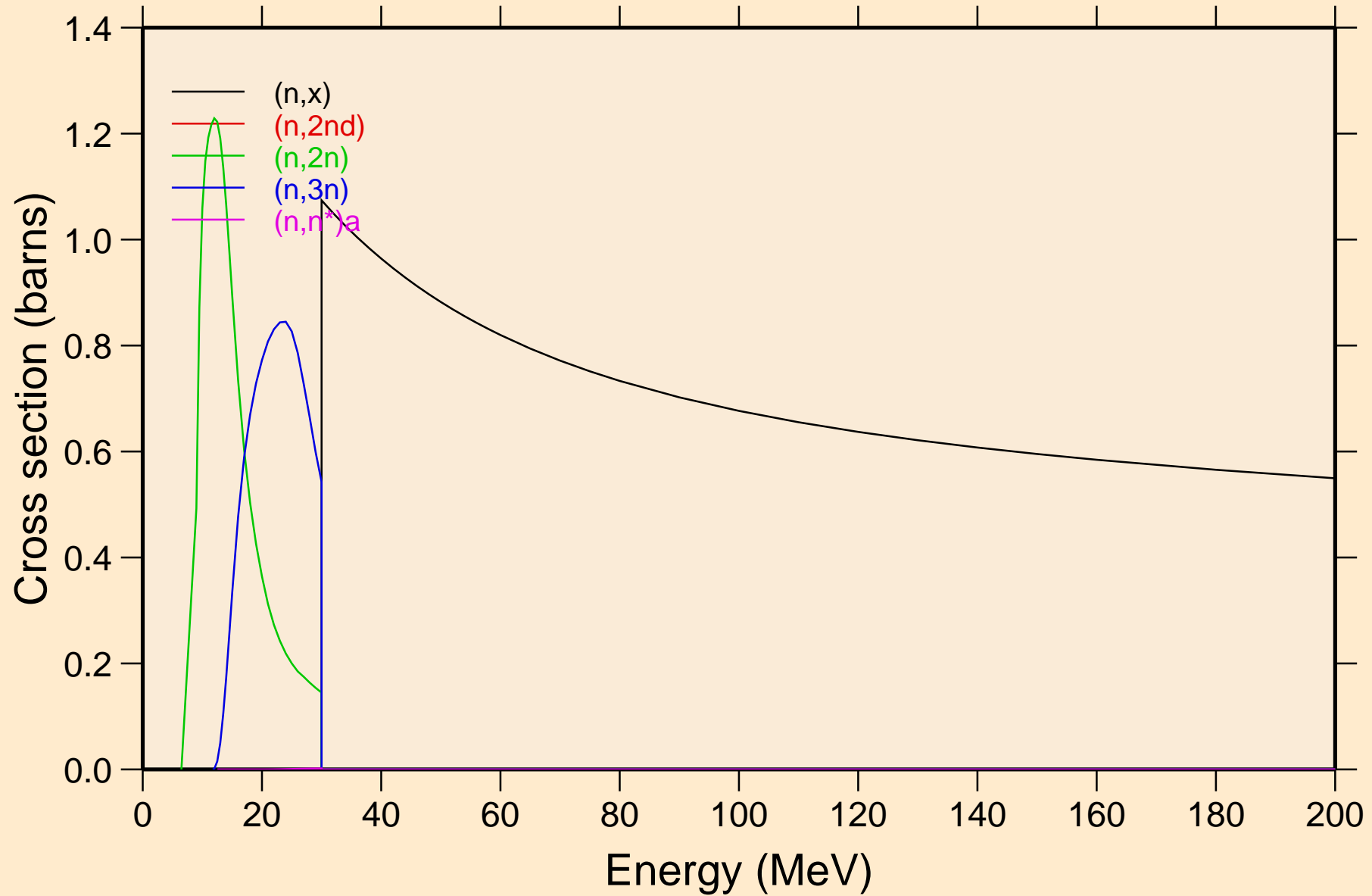
# CA050 NRG TENDL-2015, AKONING

## Inelastic levels



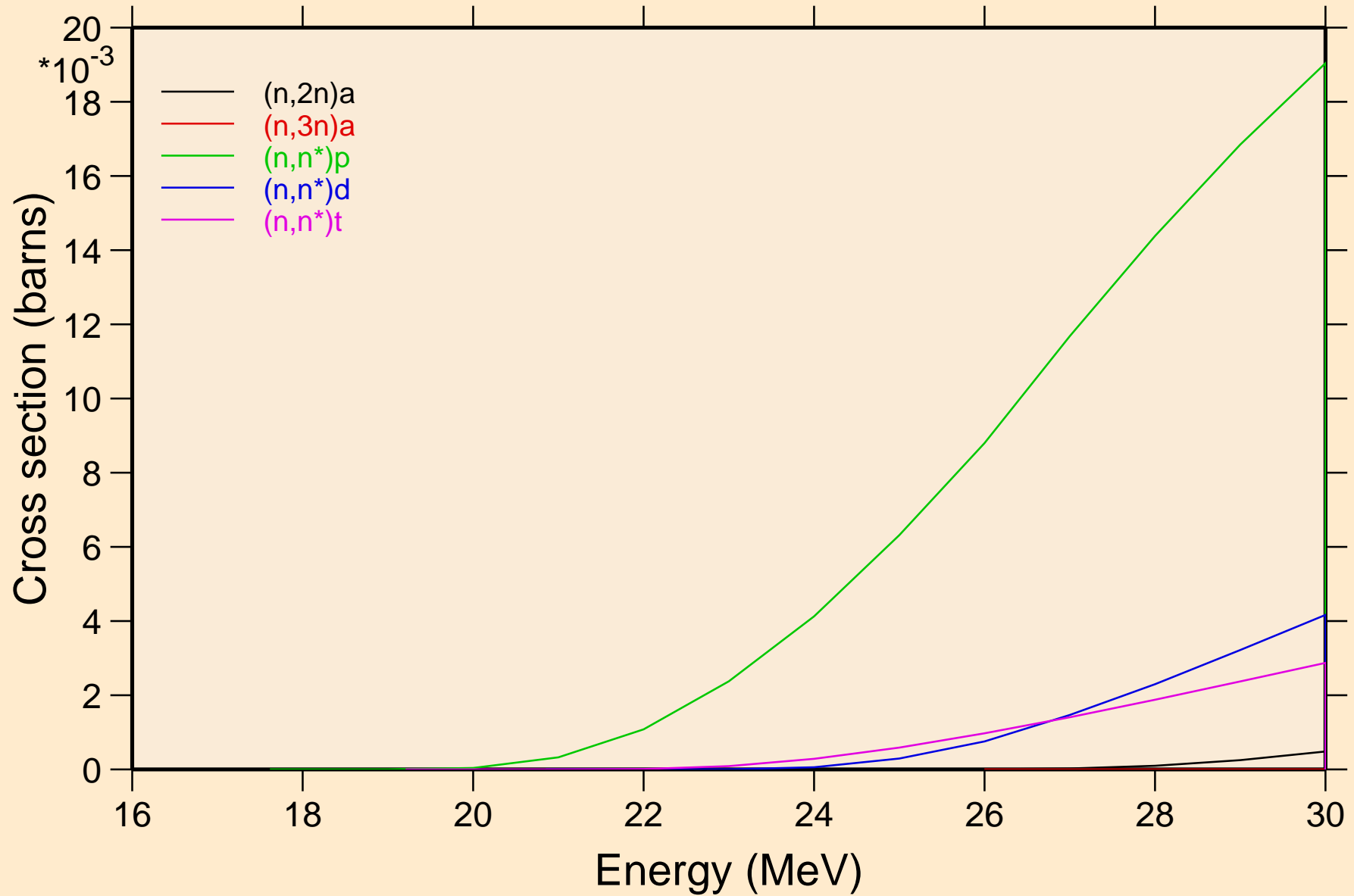
# CA050 NRG TENDL-2015, AKONING

## Threshold reactions



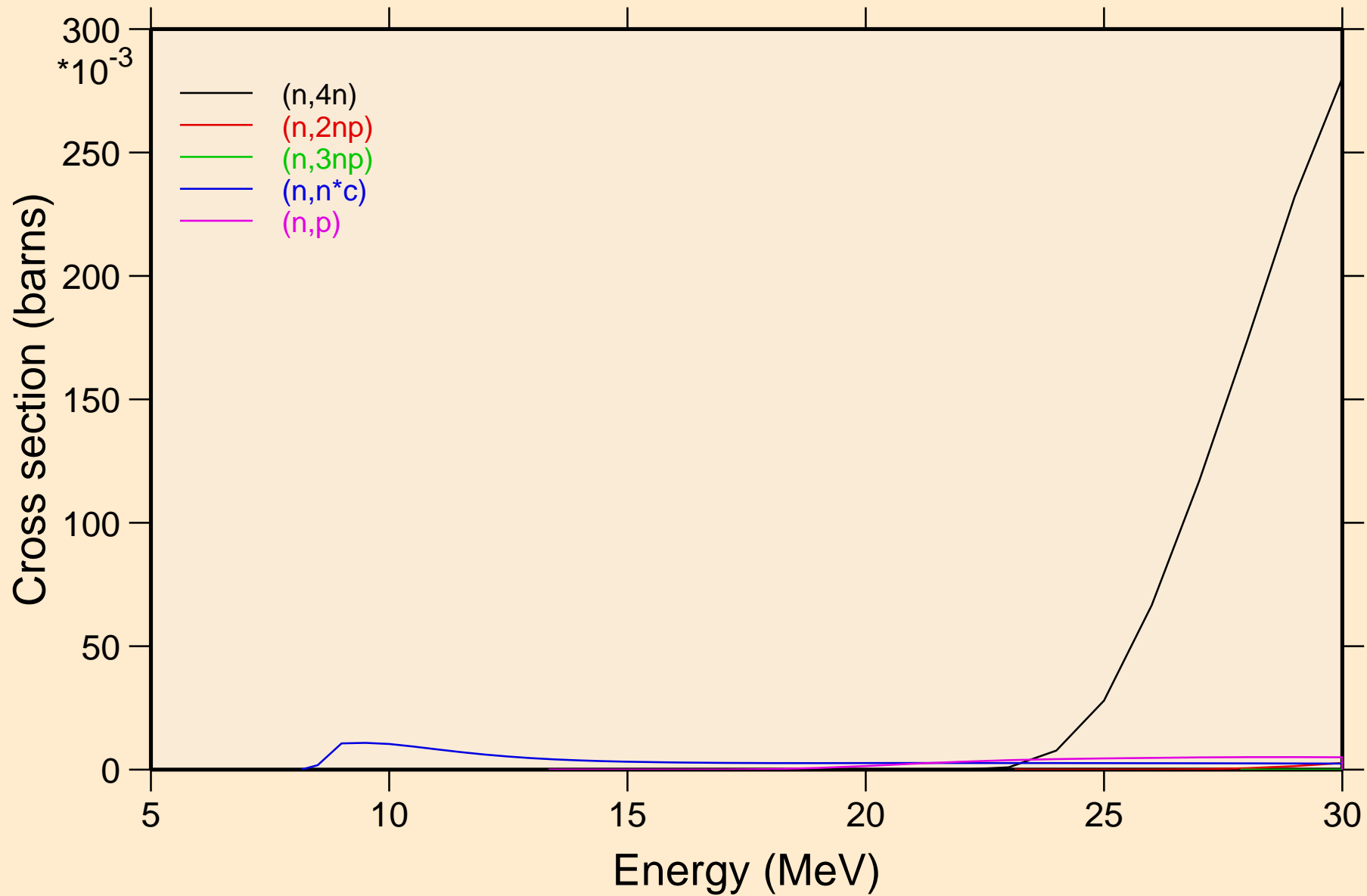
# CA050 NRG TENDL-2015, AKONING

## Threshold reactions



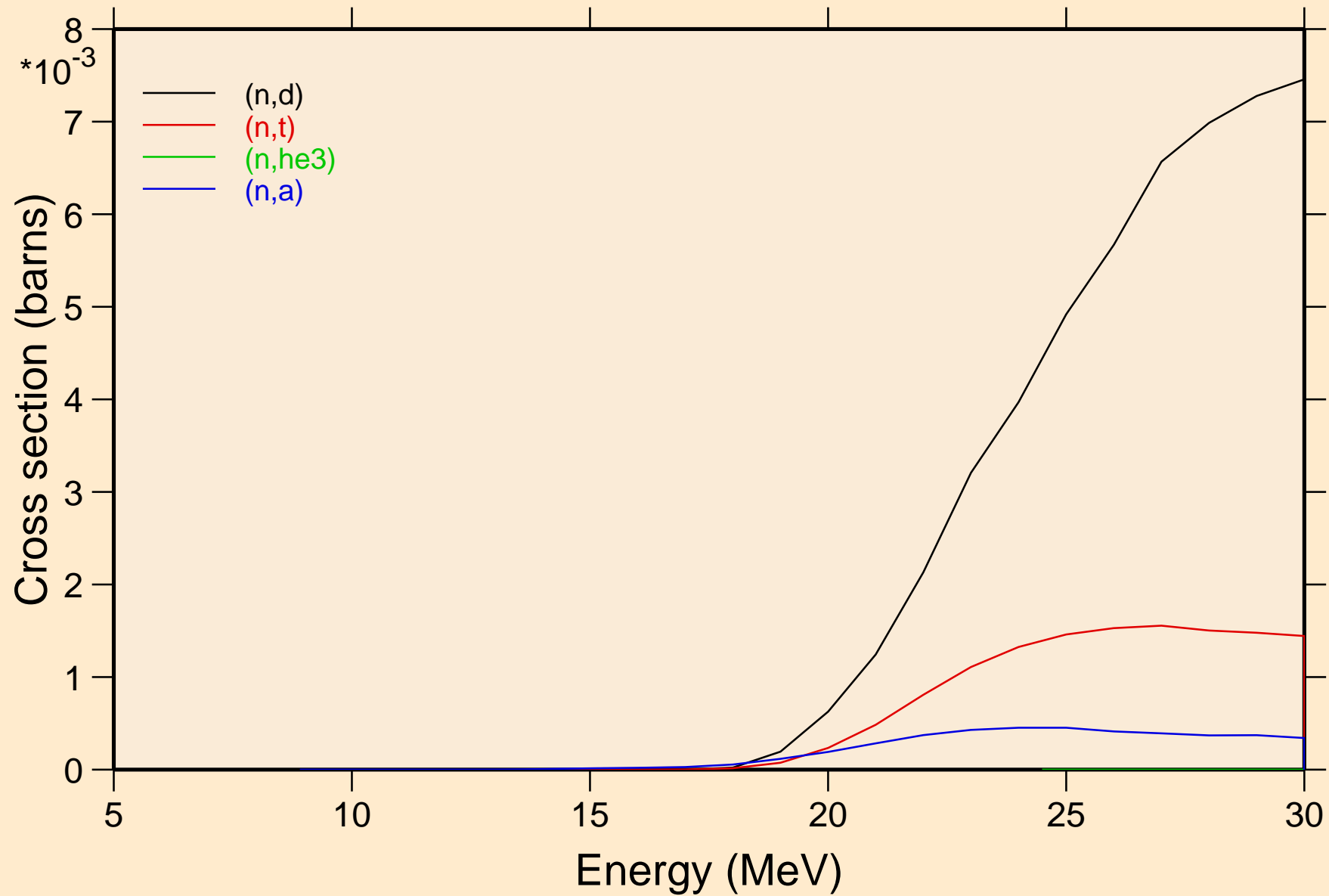
# CA050 NRG TENDL-2015, AKONING

## Threshold reactions

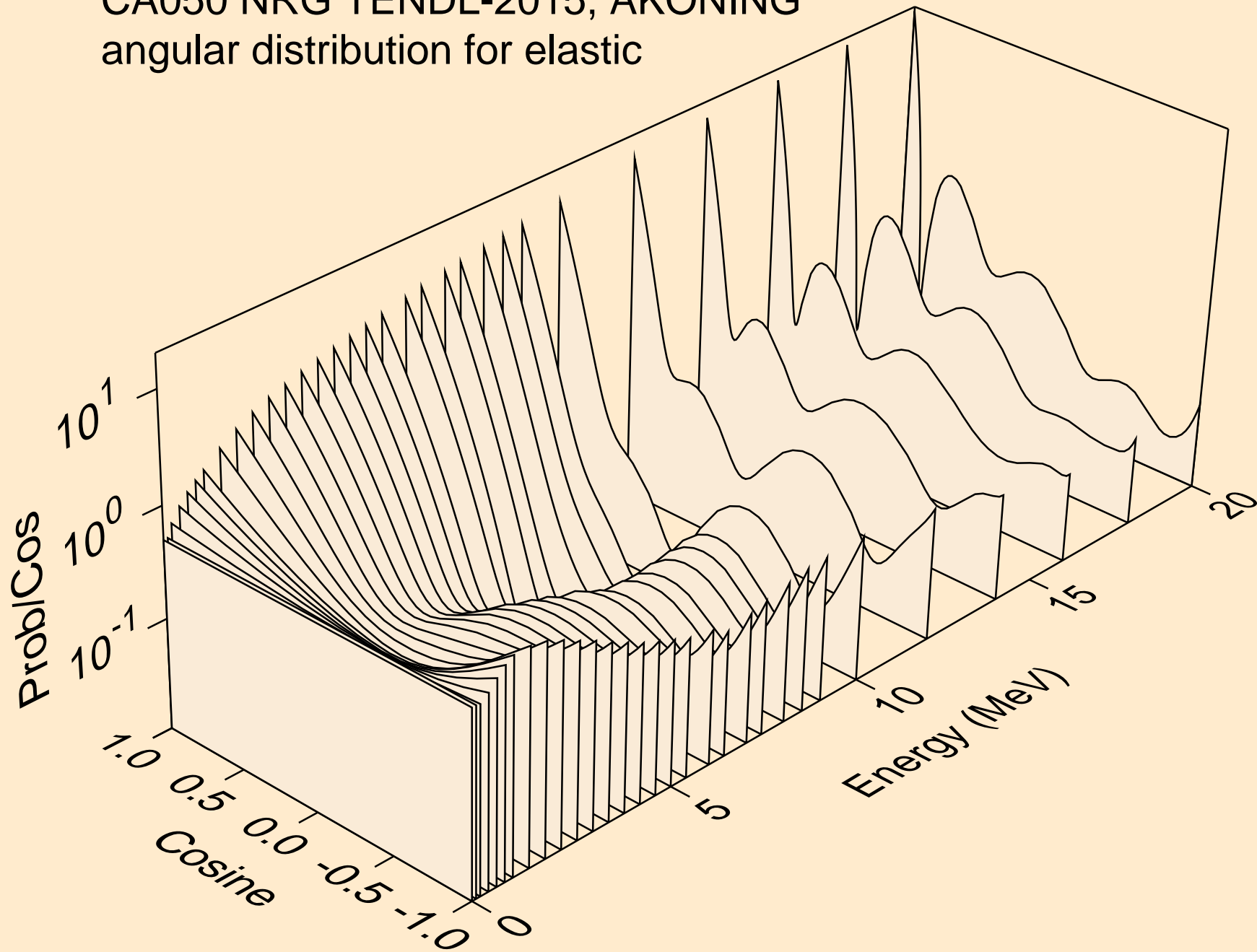


# CA050 NRG TENDL-2015, AKONING

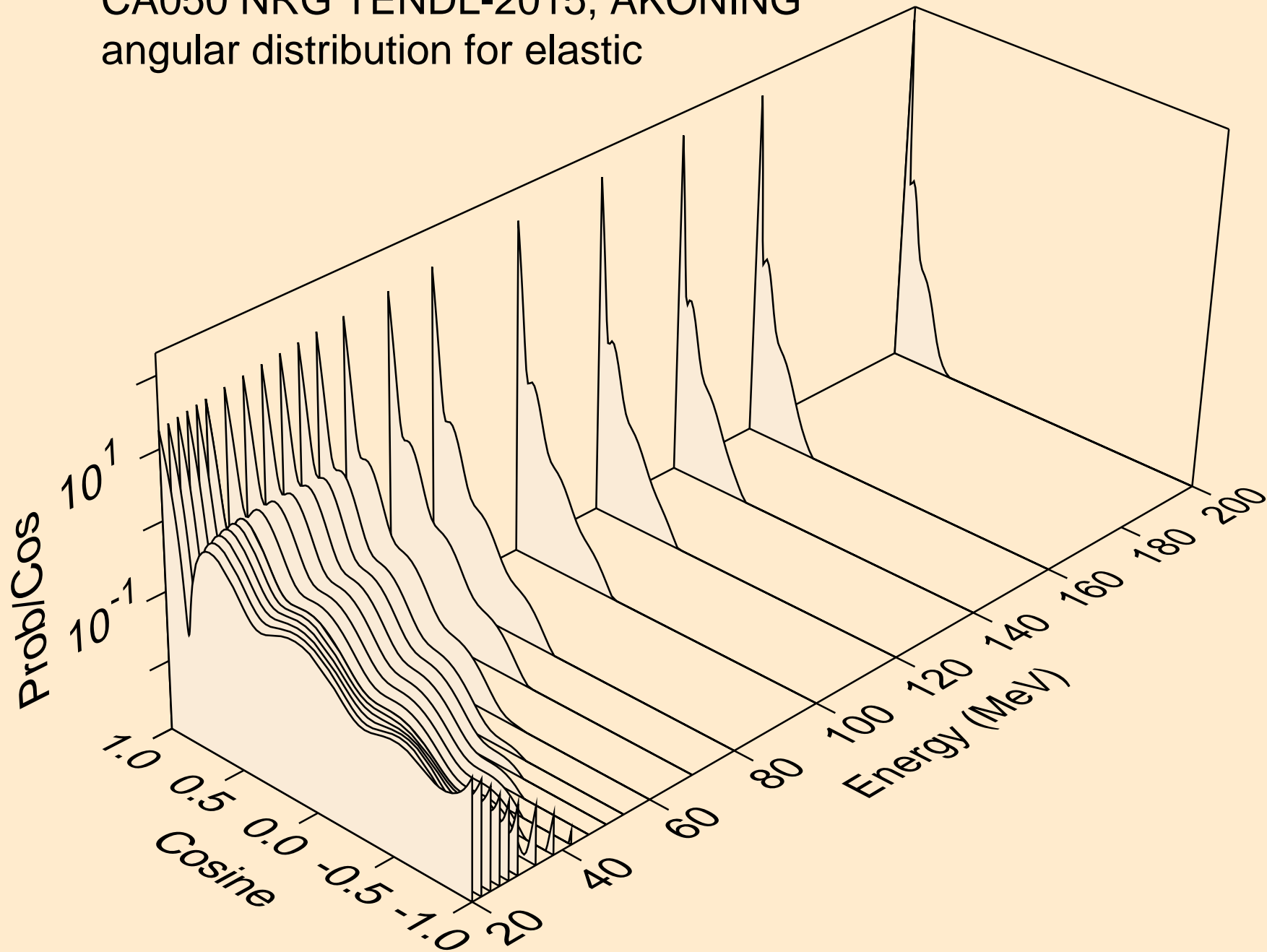
## Threshold reactions



CA050 NRG TENDL-2015, AKONING  
angular distribution for elastic

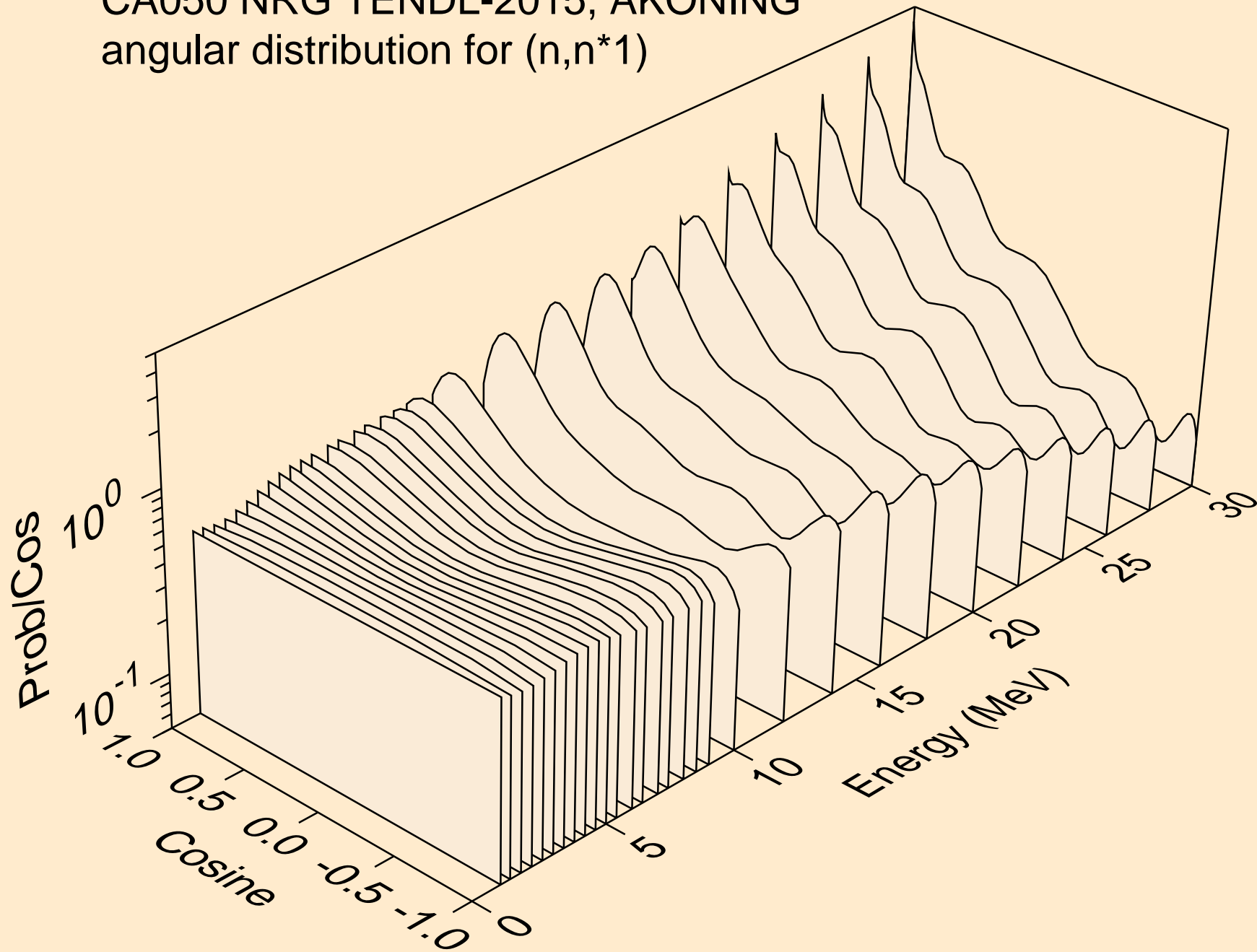


CA050 NRG TENDL-2015, AKONING  
angular distribution for elastic

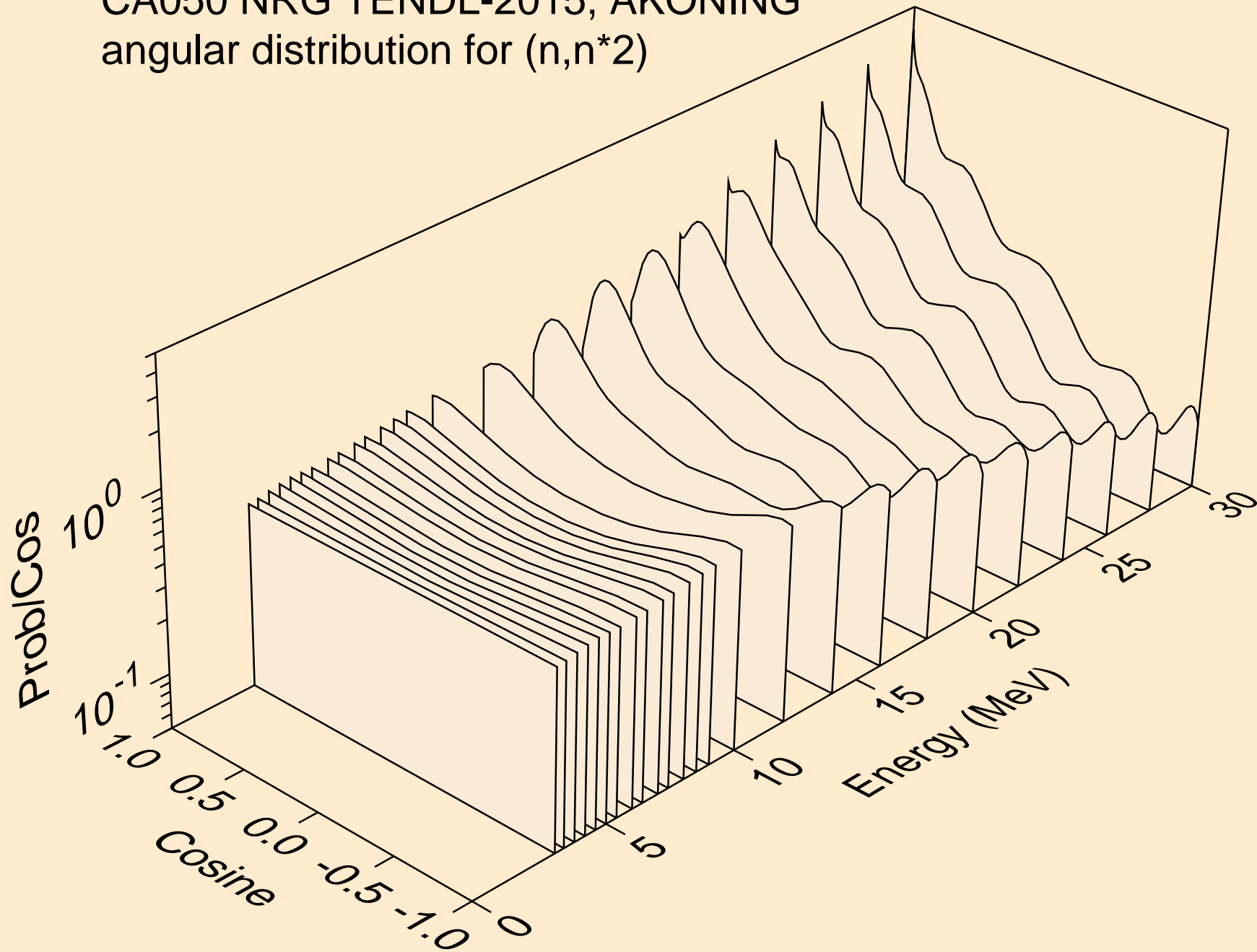




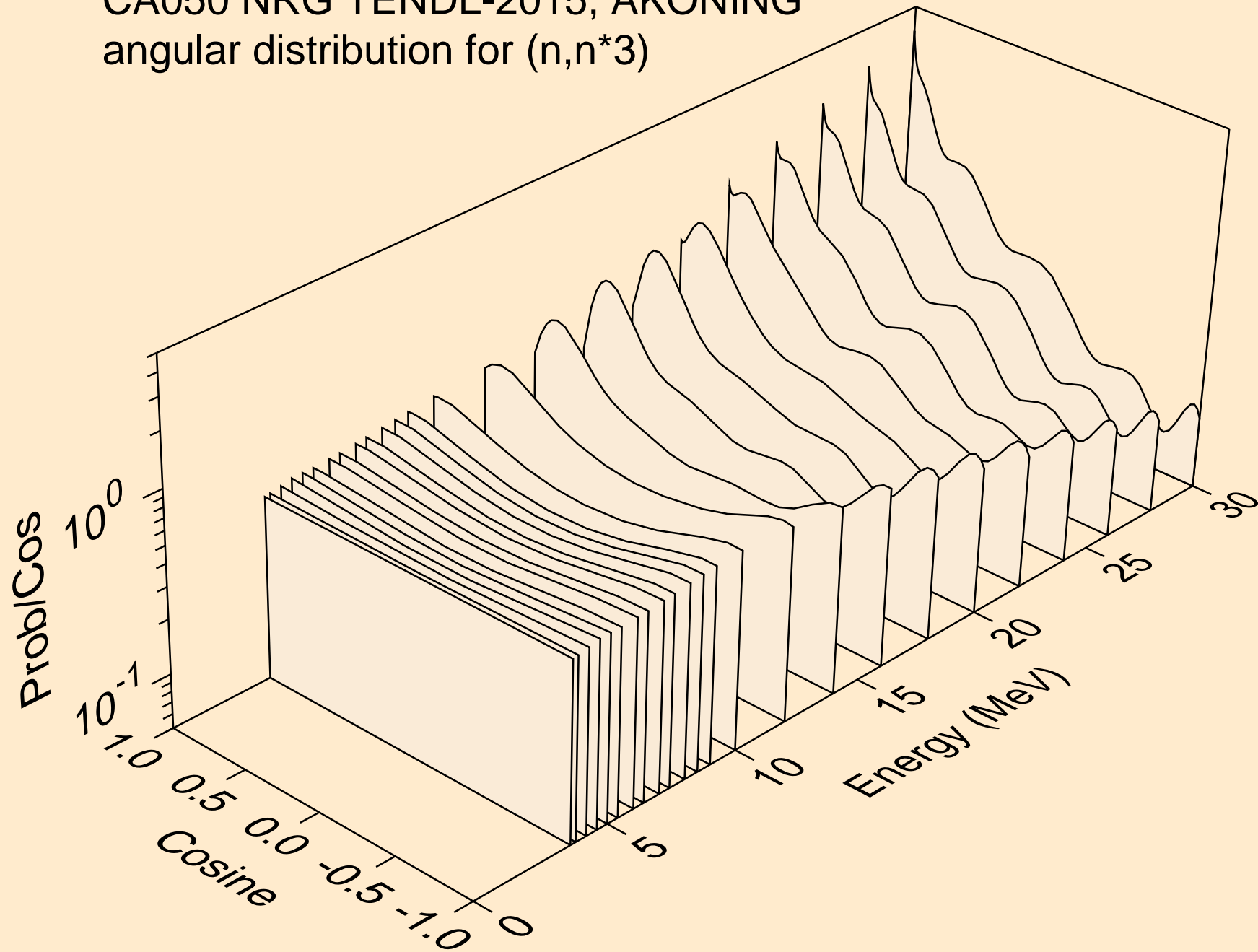
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



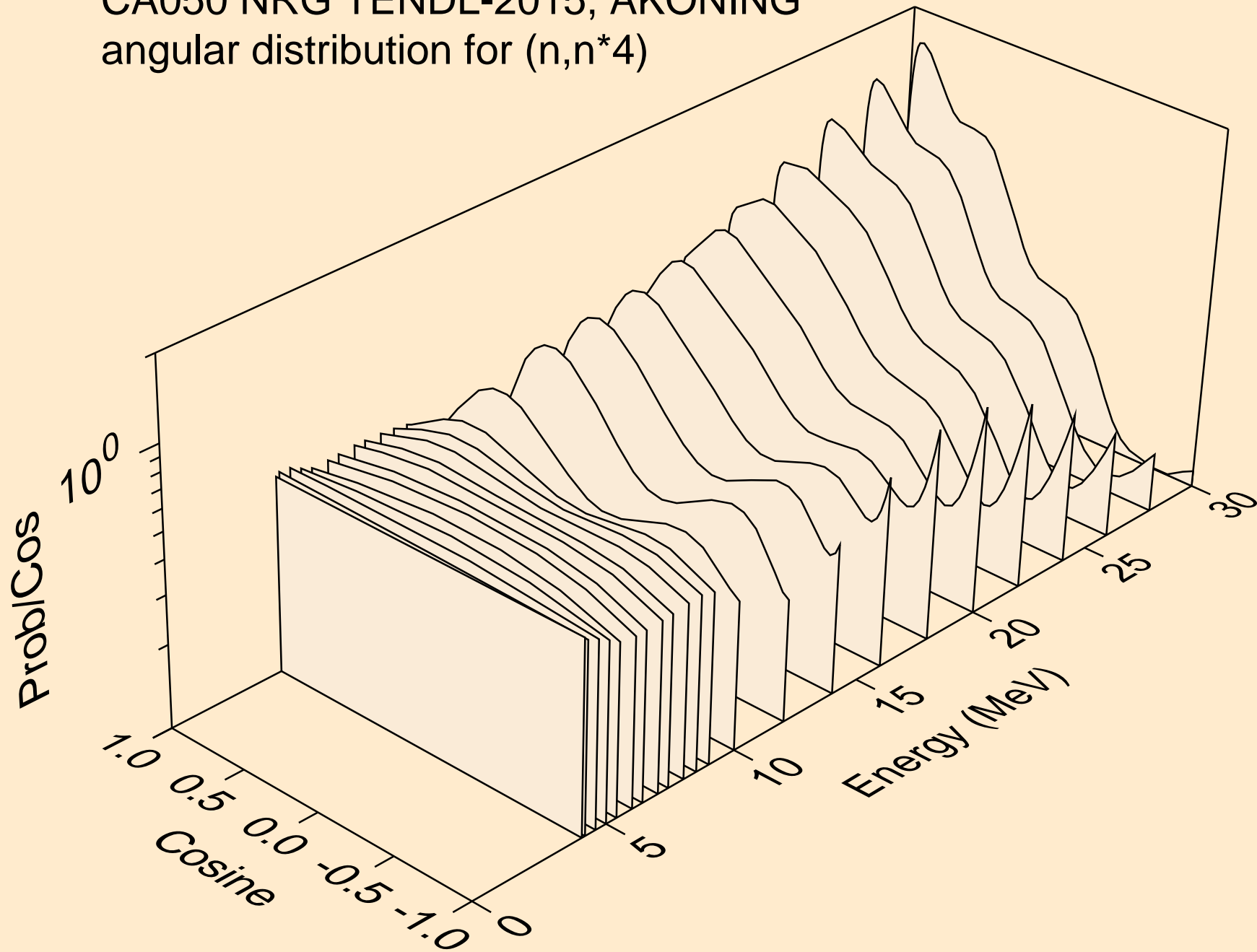
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angular distribution for (n,n\*2)



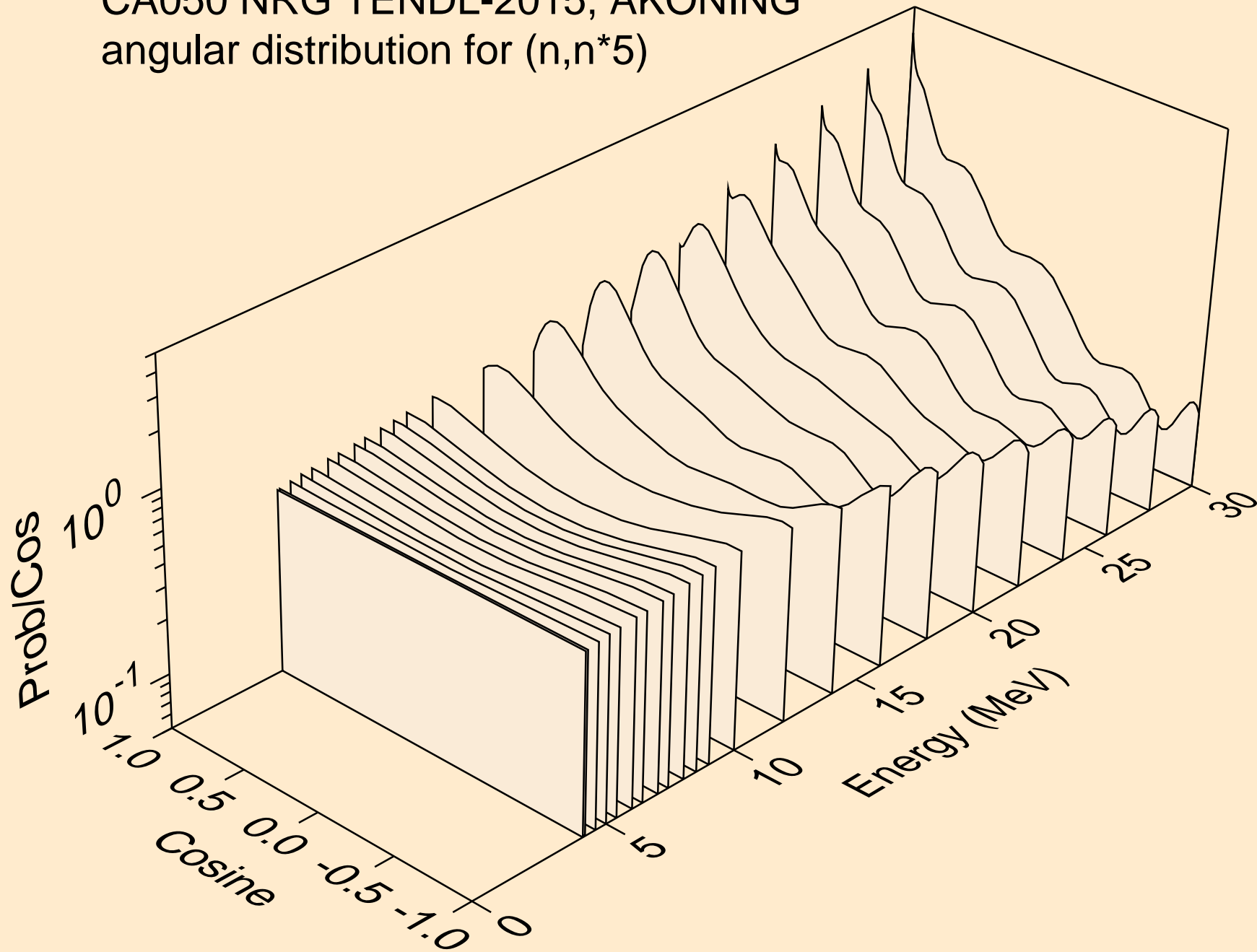
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angular distribution for (n,n\*3)



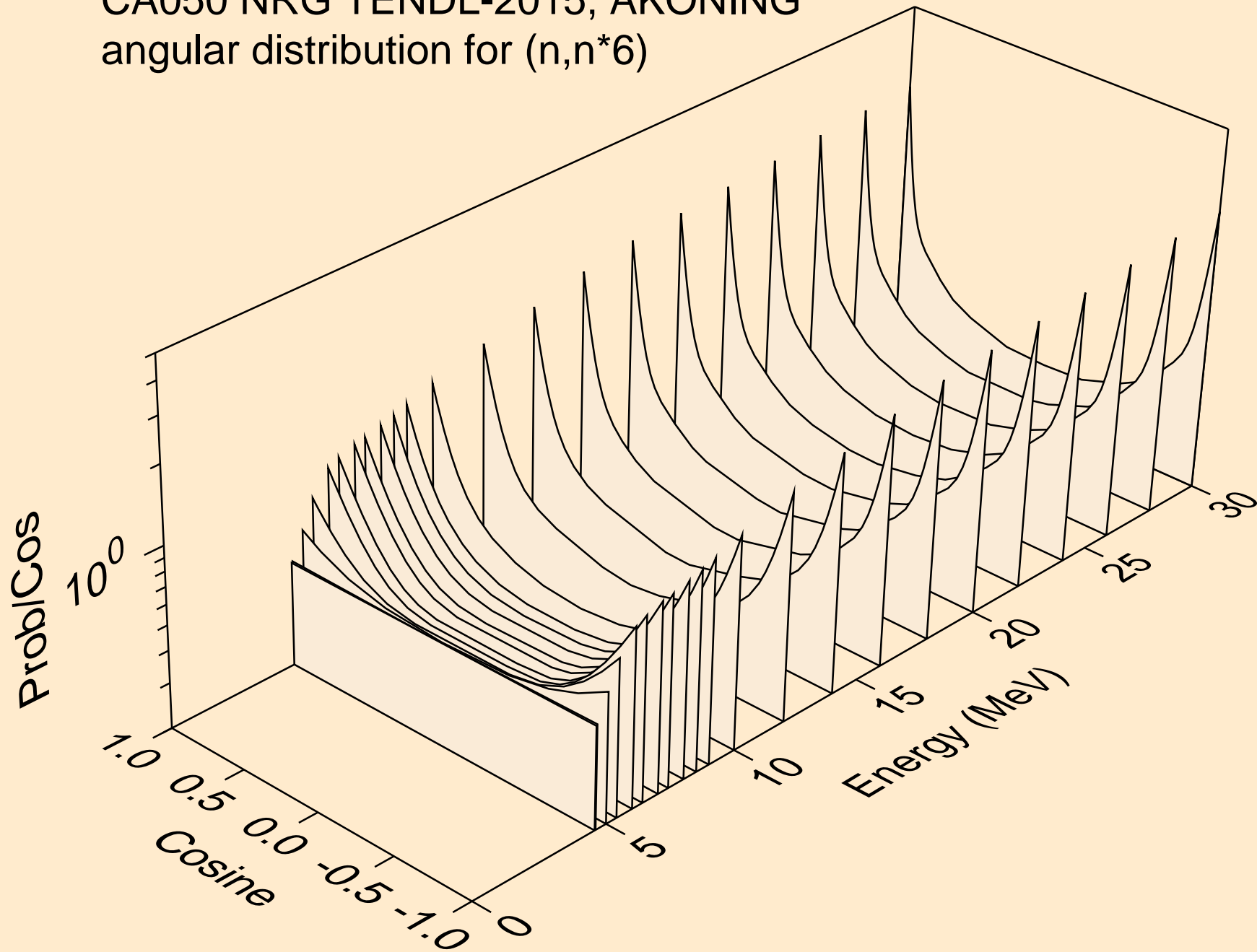
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



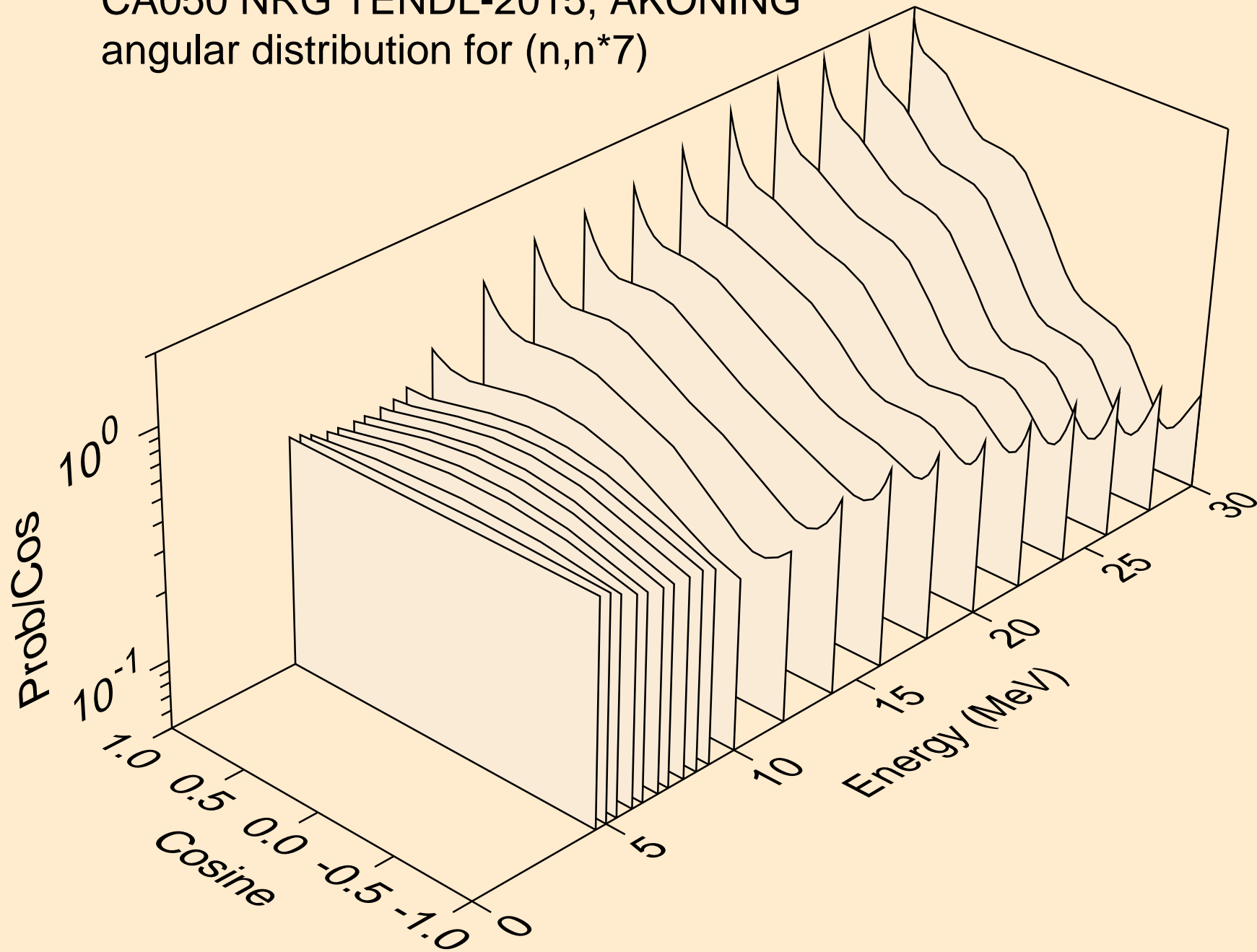
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



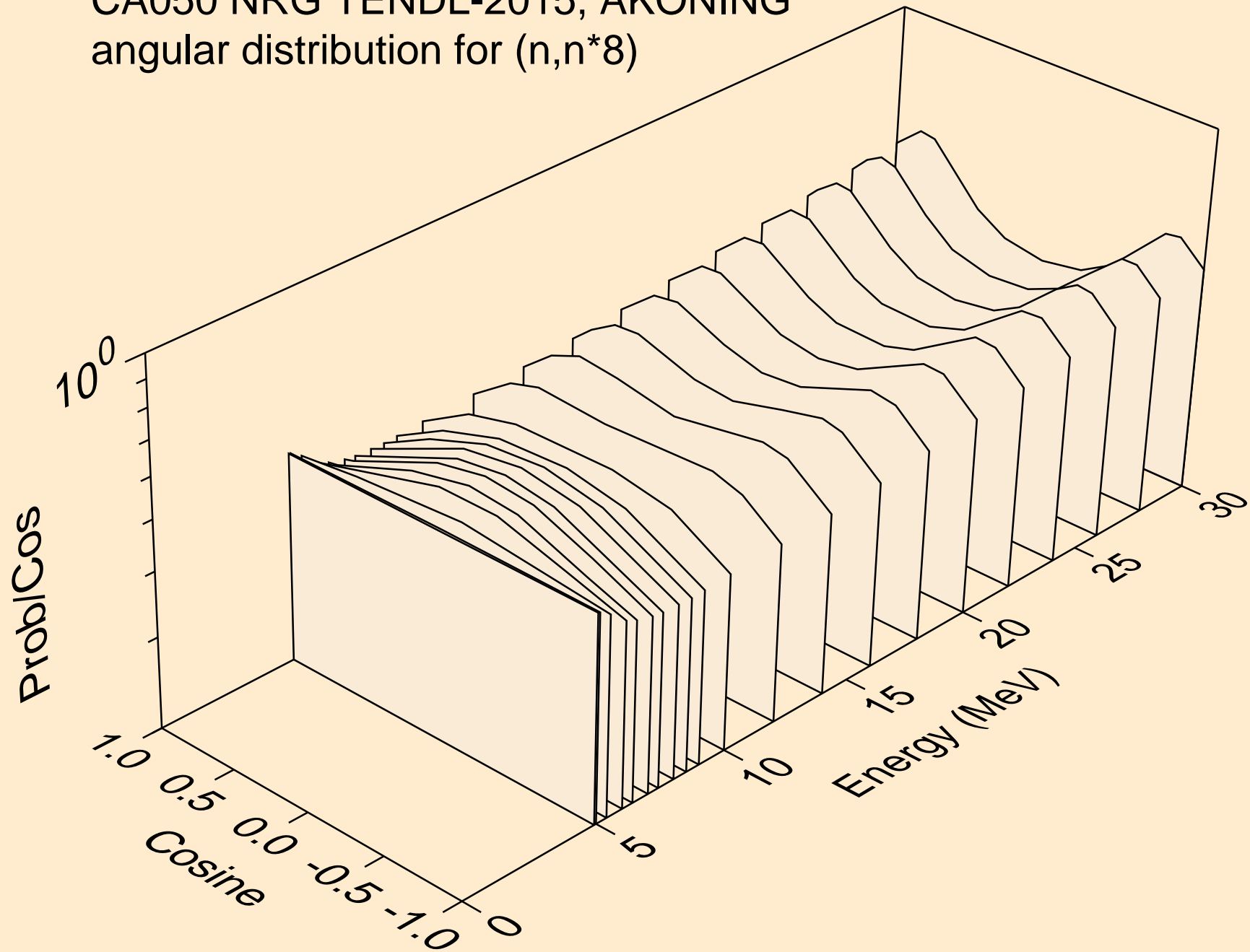
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

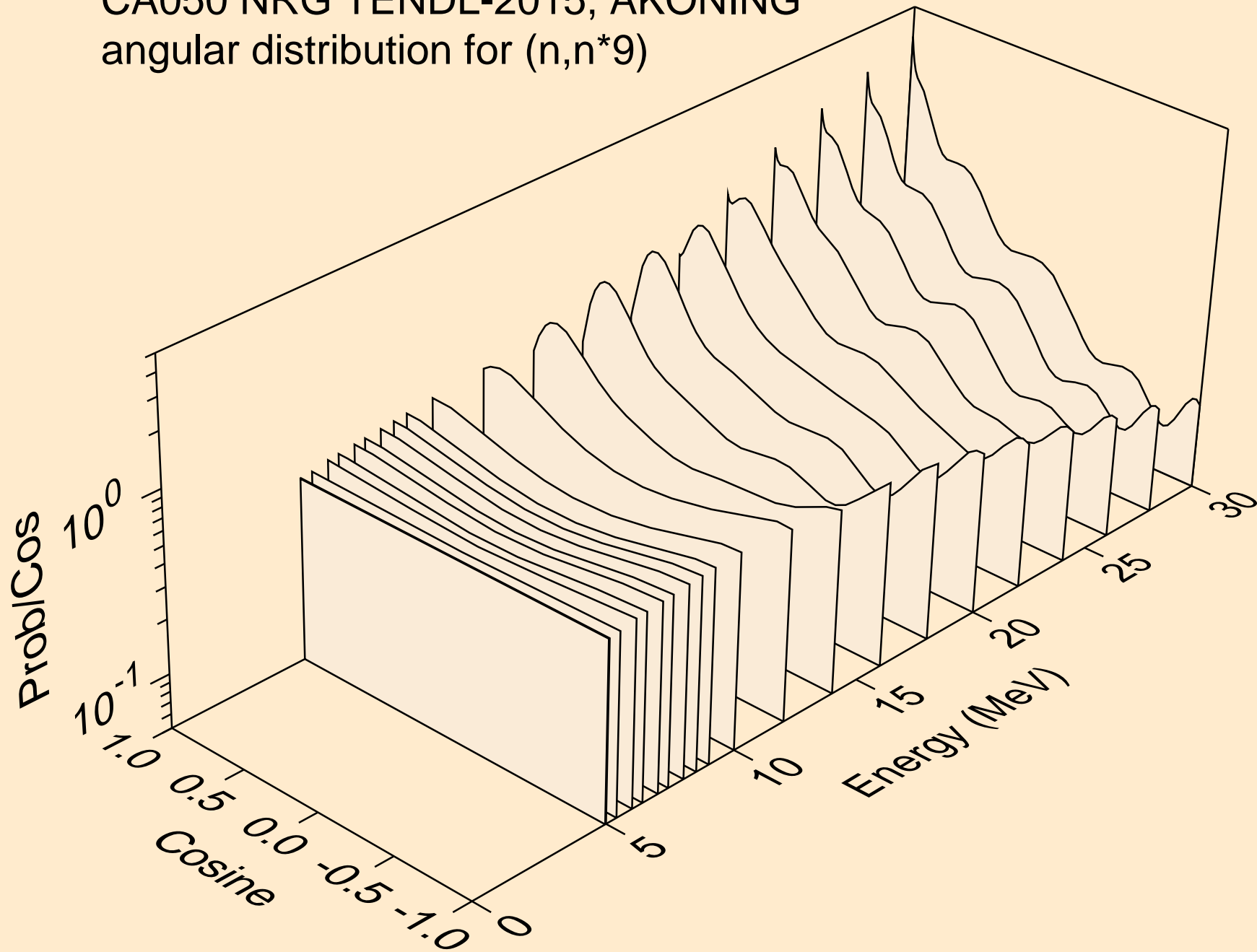


CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

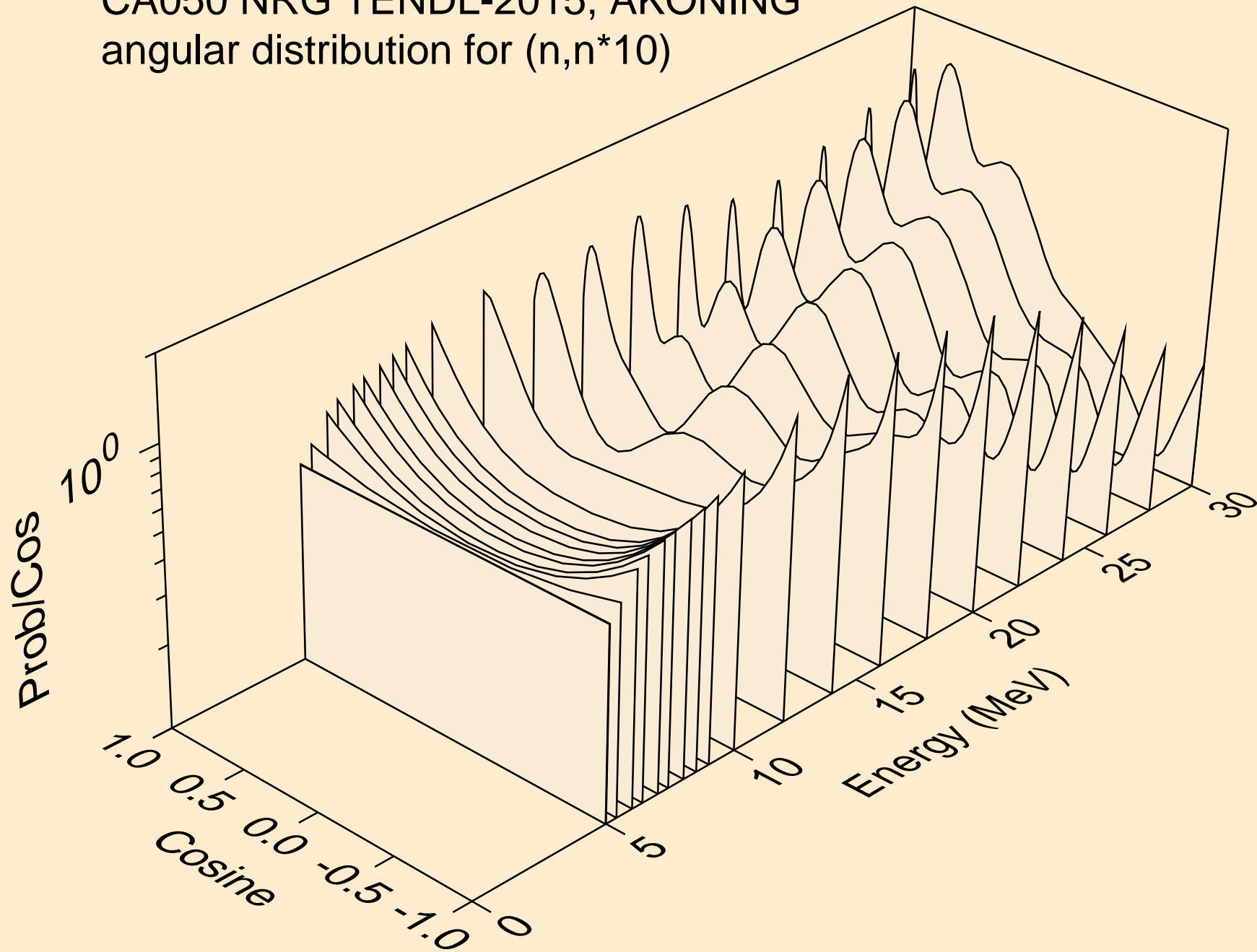




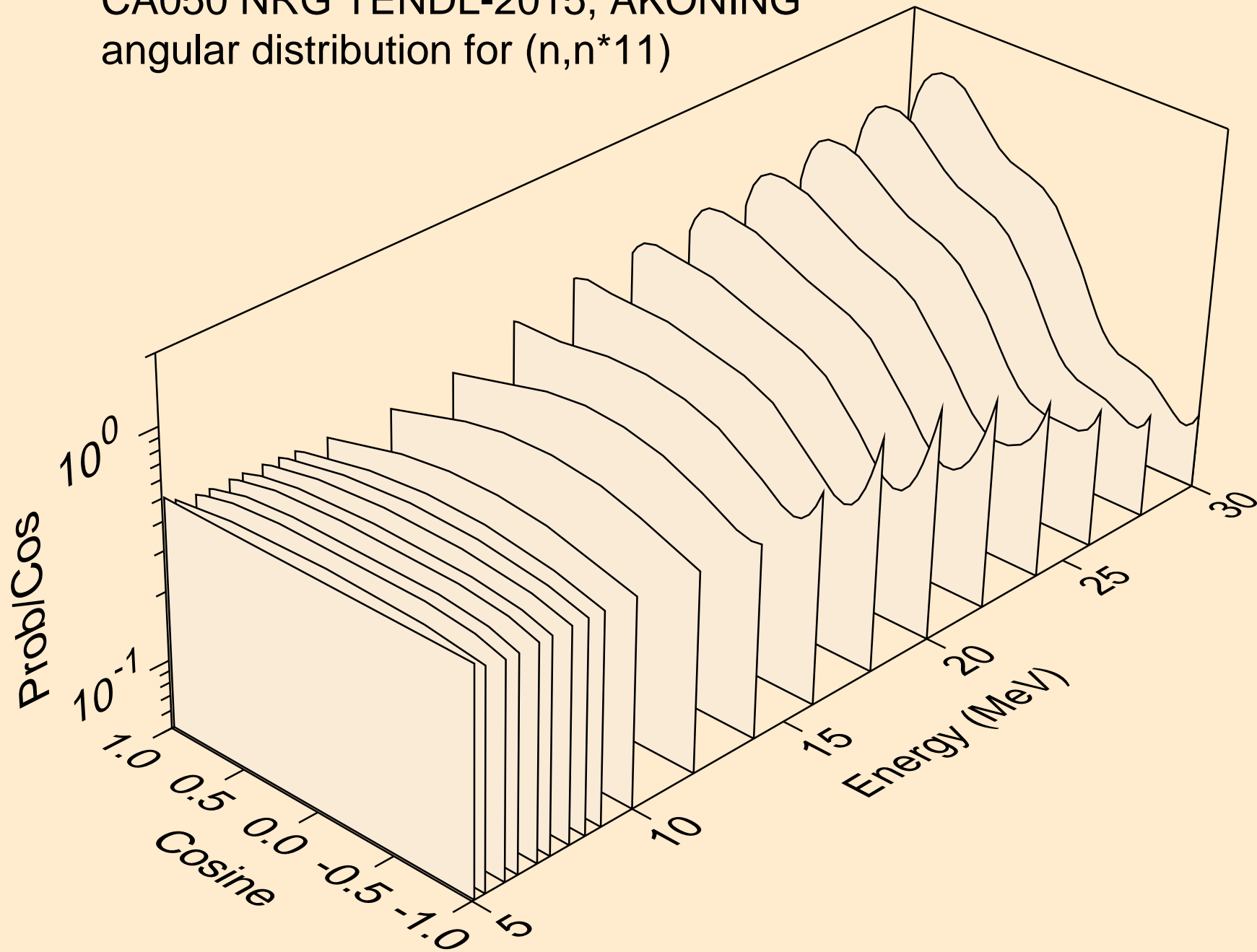
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



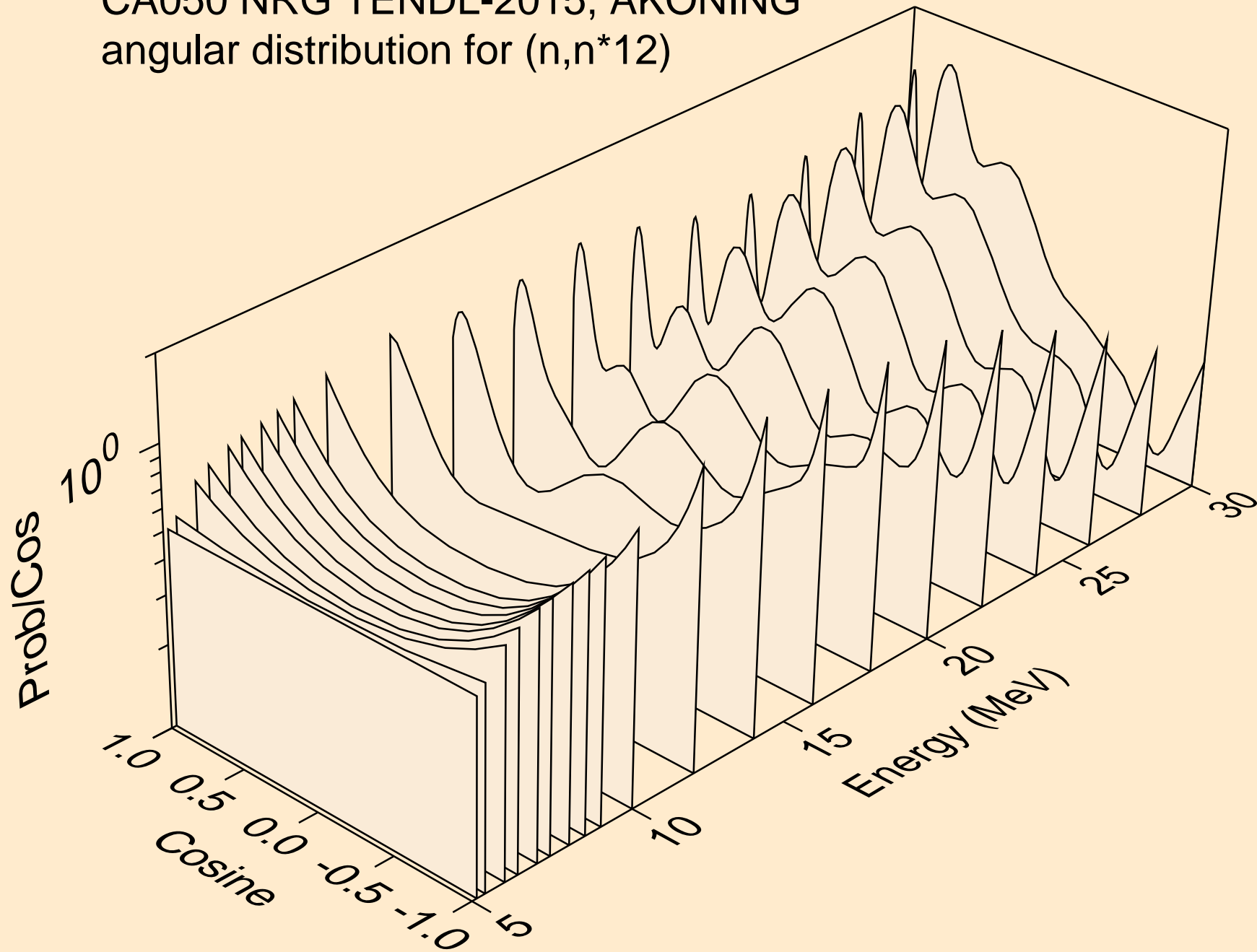
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



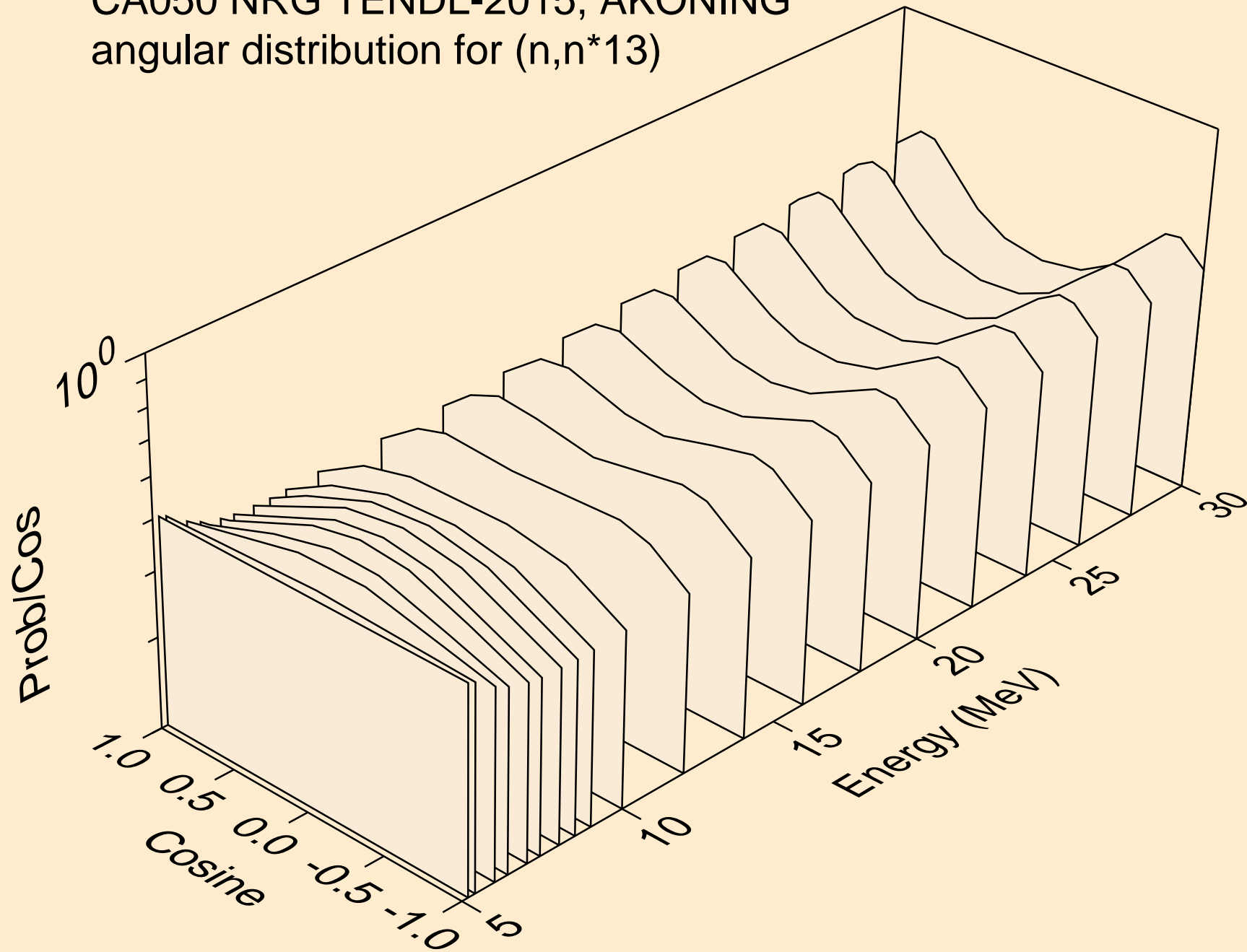
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



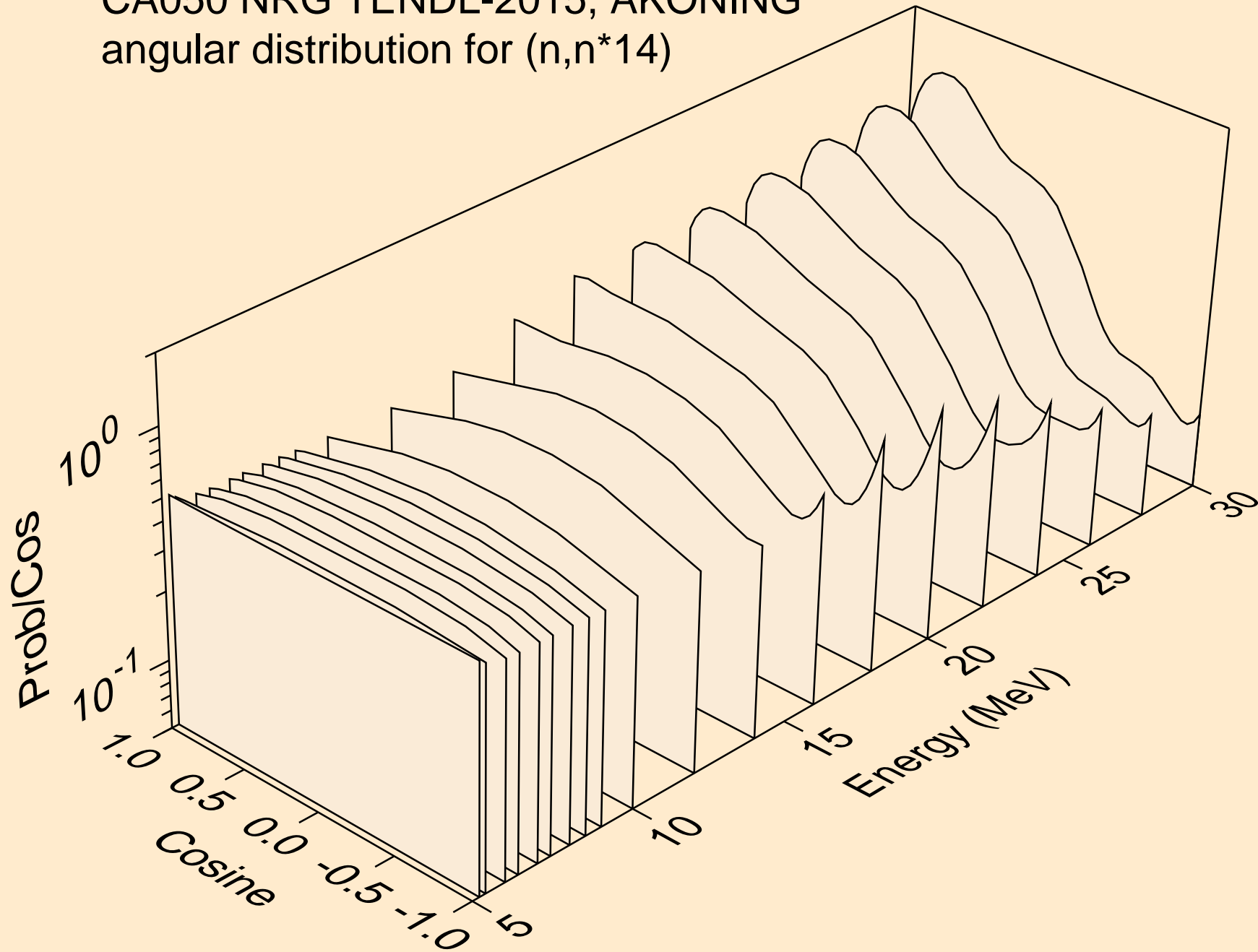
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angular distribution for (n,n\*12)



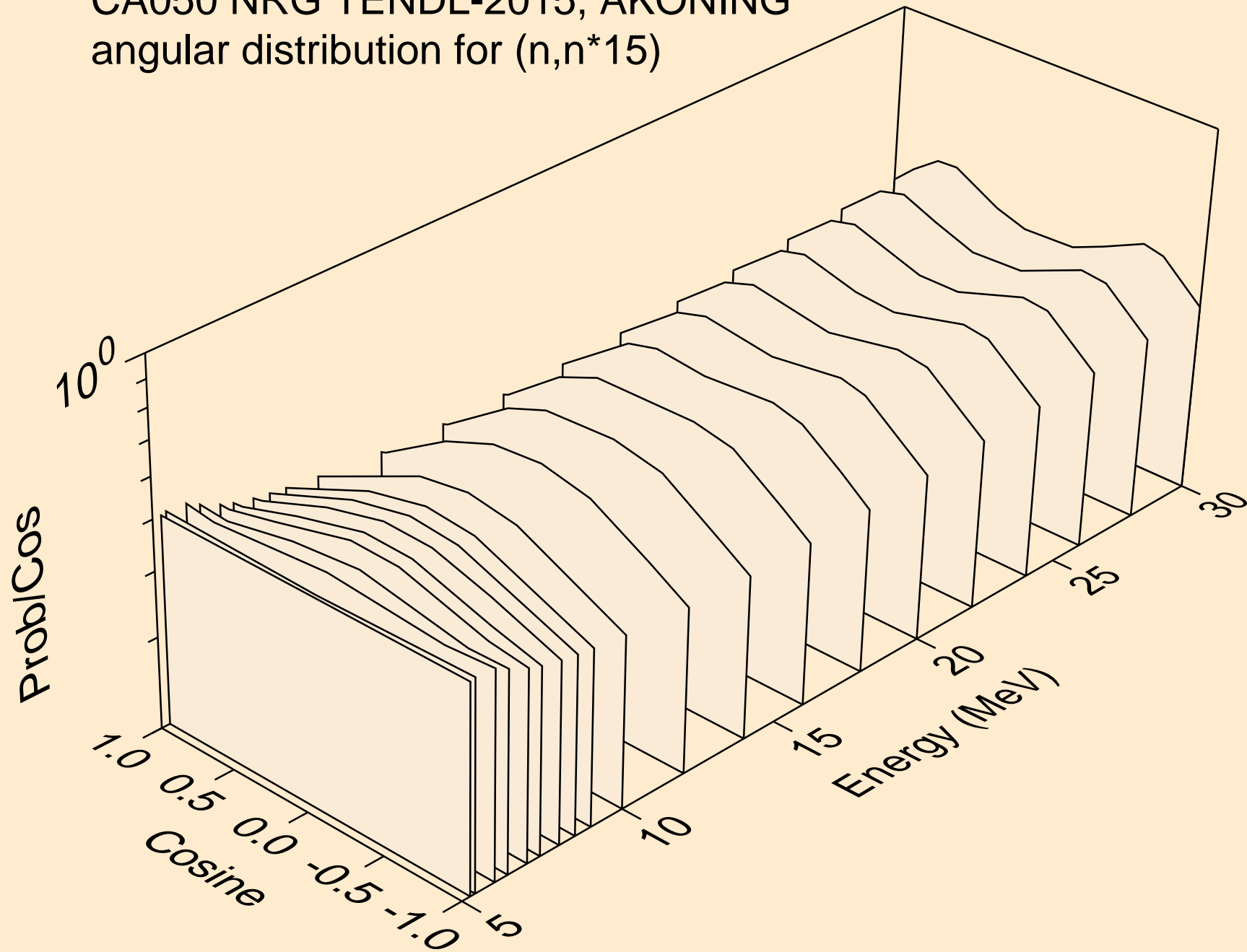
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



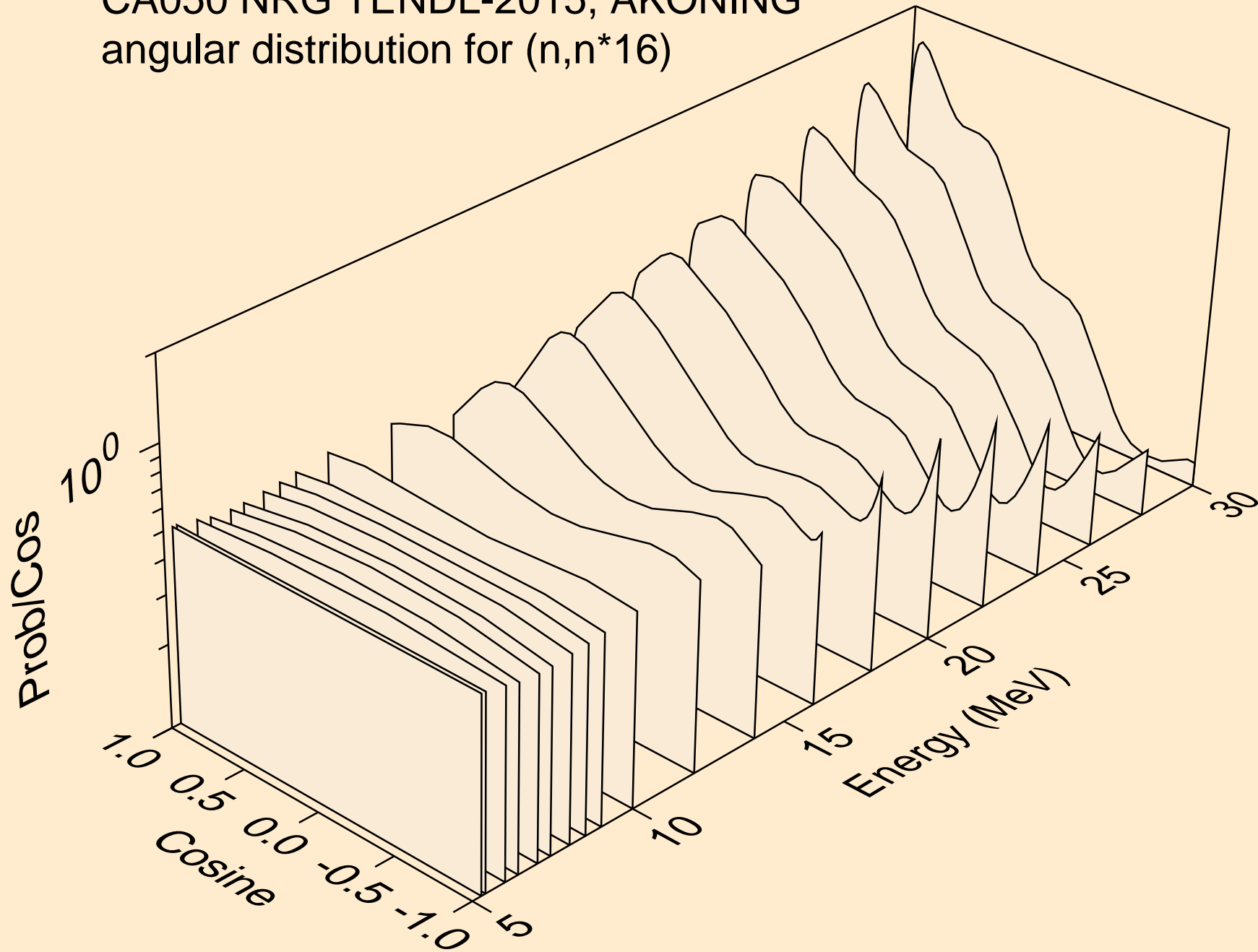
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

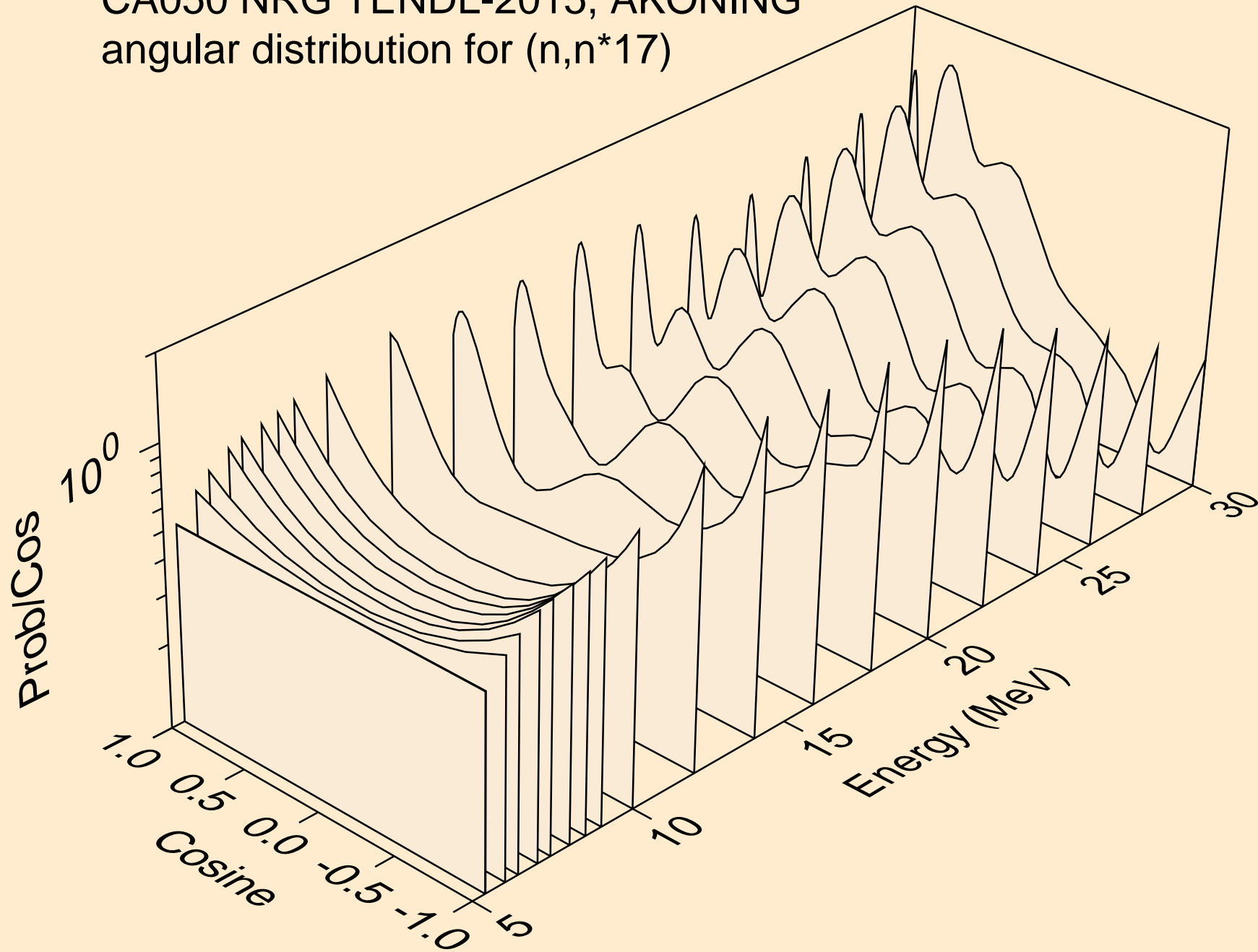


CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

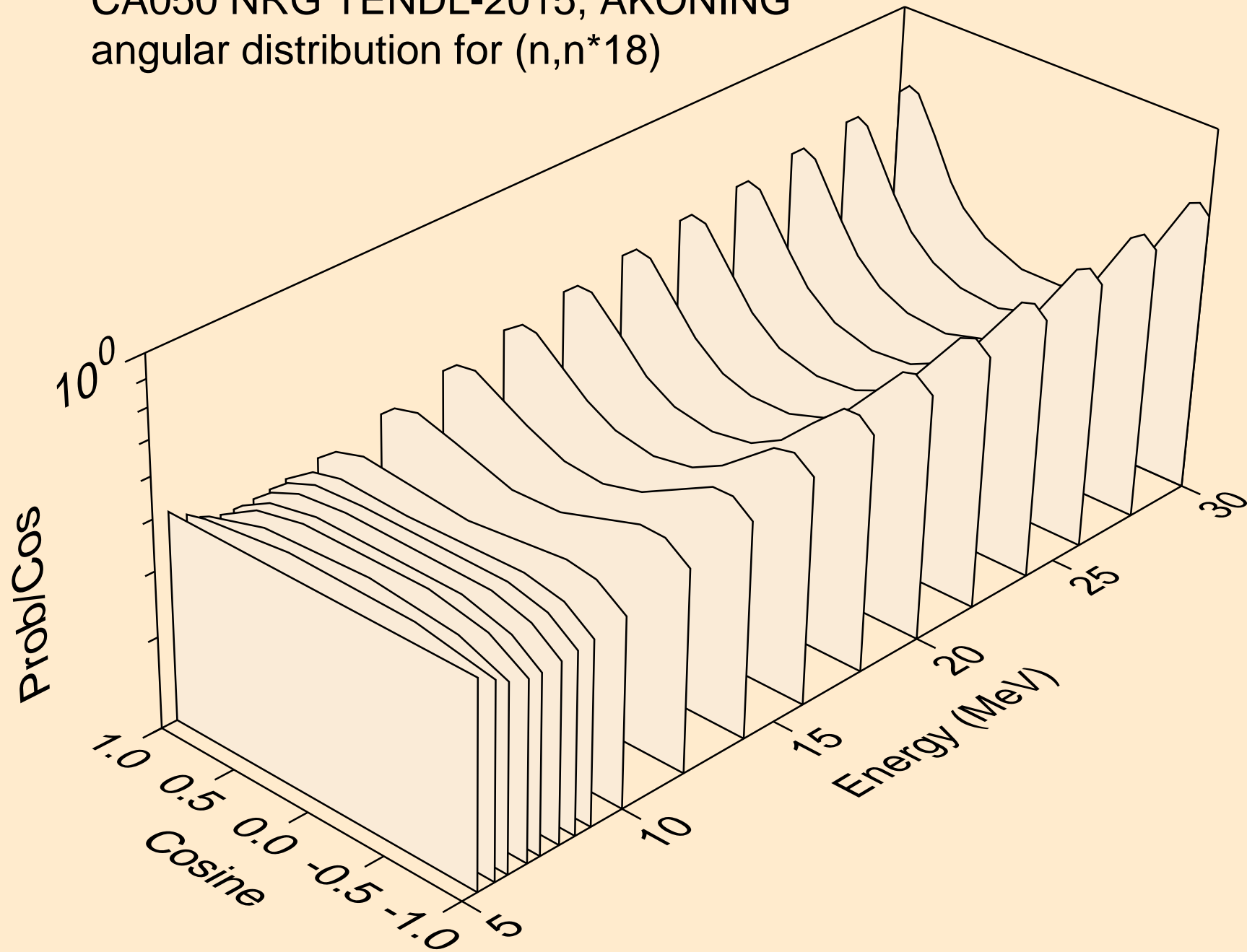




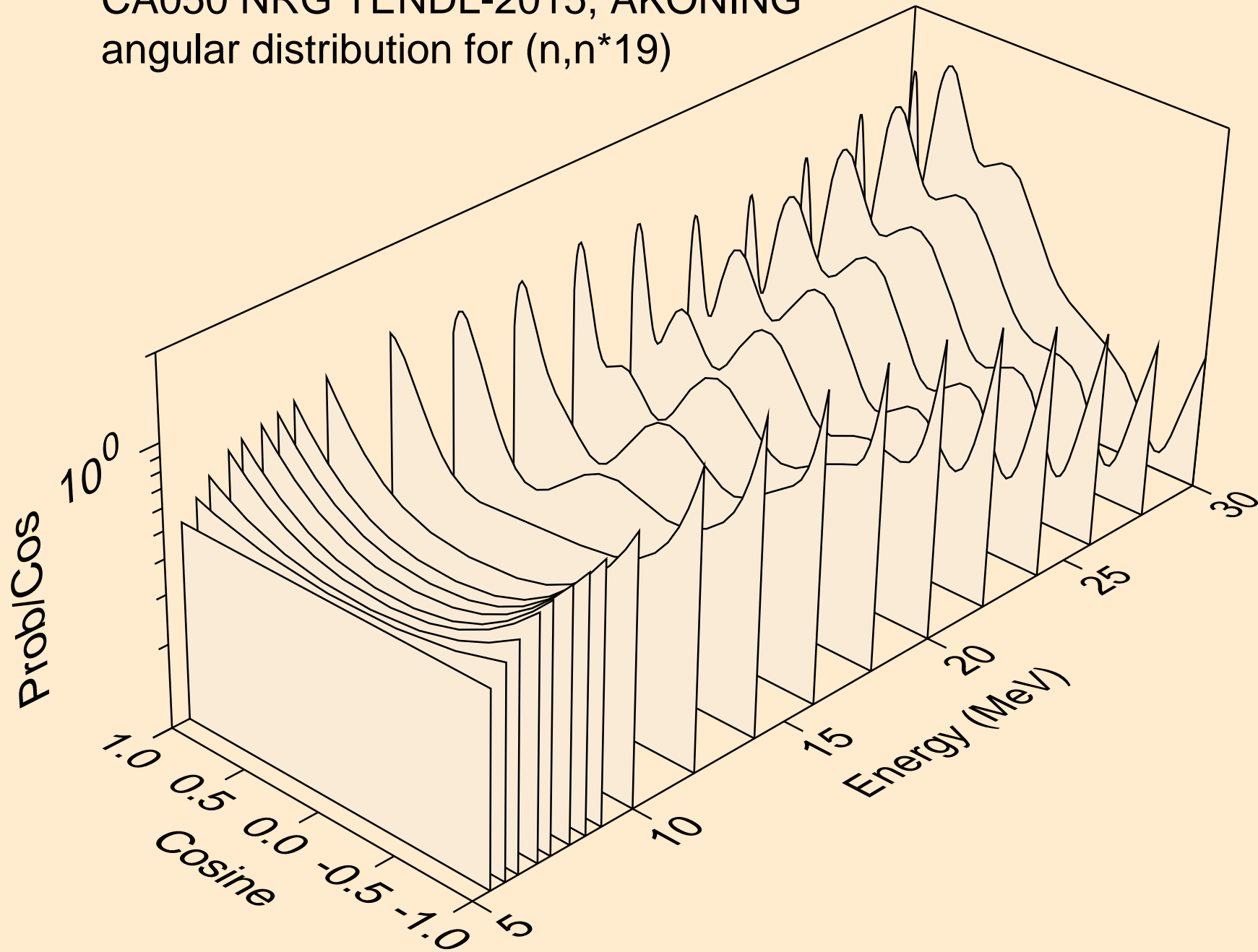
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angular distribution for (n,n\*17)



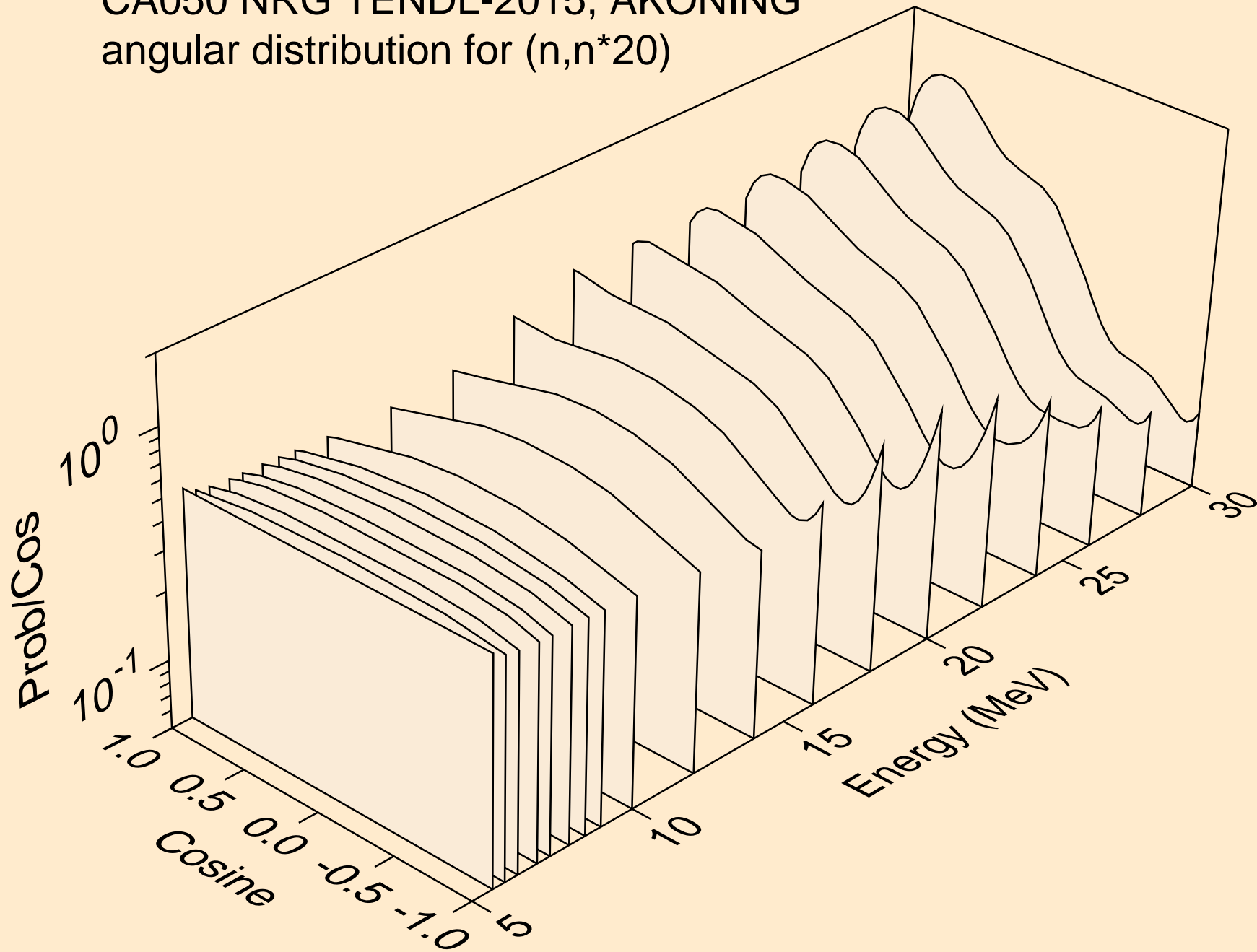
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angular distribution for (n,n\*18)



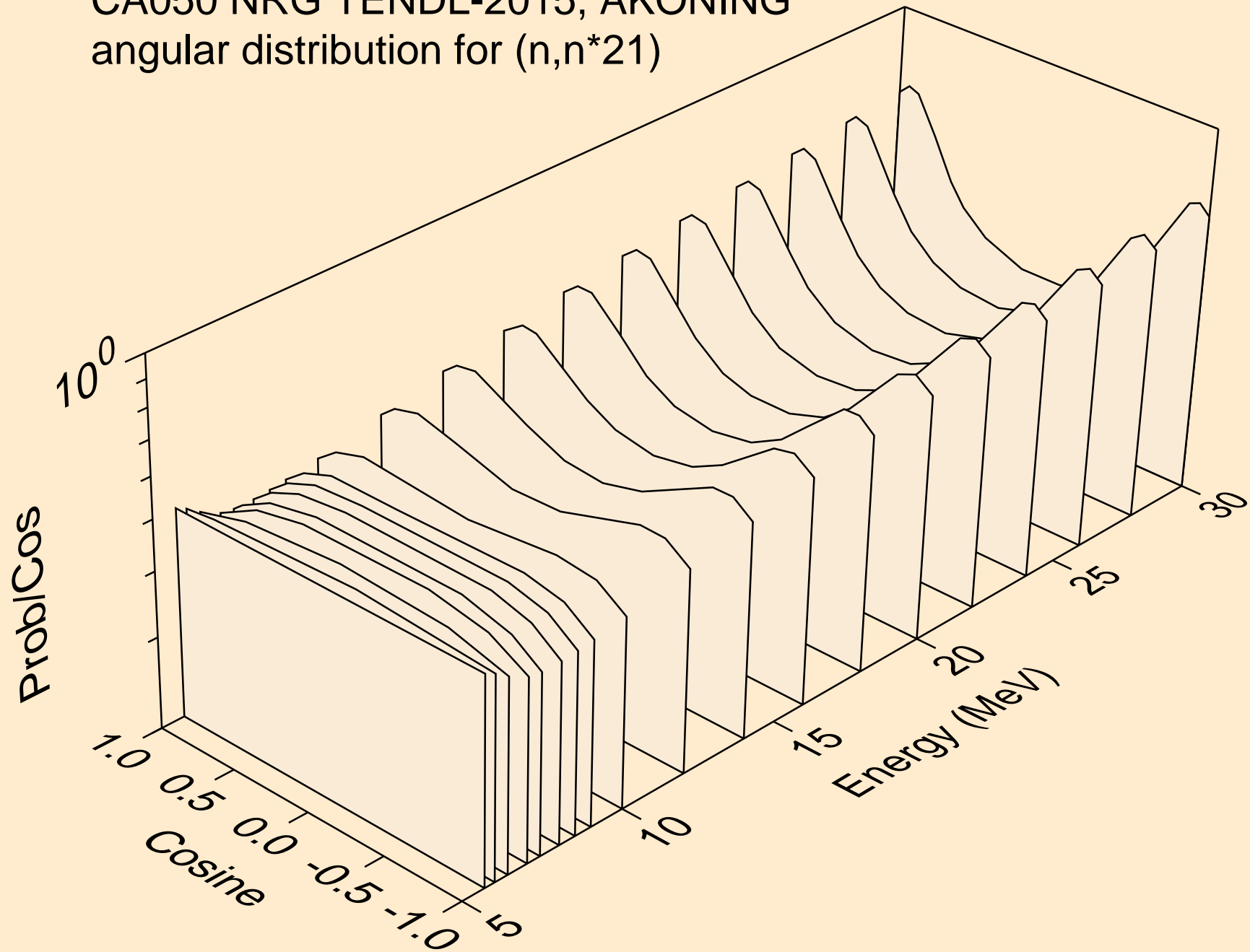
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angular distribution for (n,n\*19)



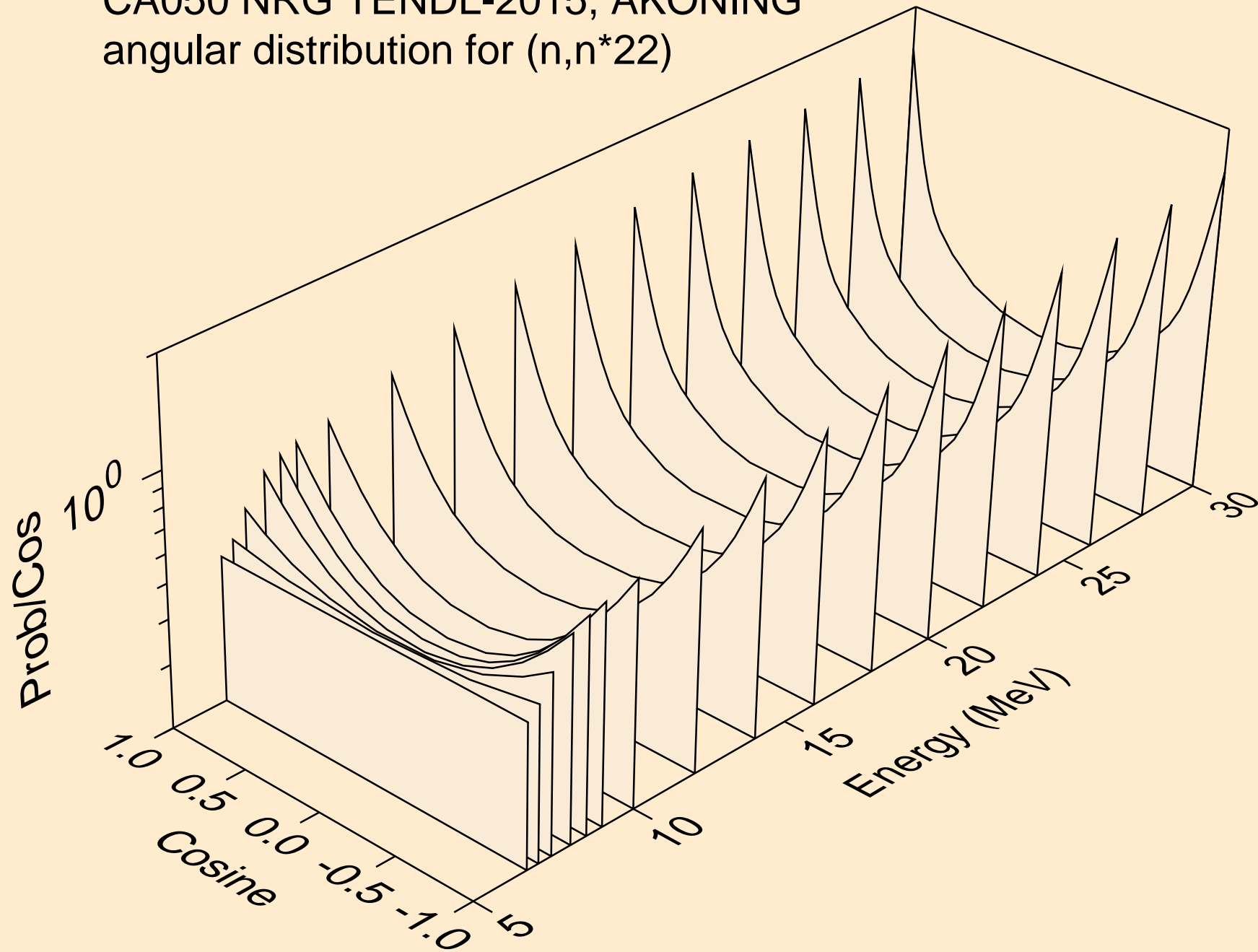
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angular distribution for (n,n\*20)



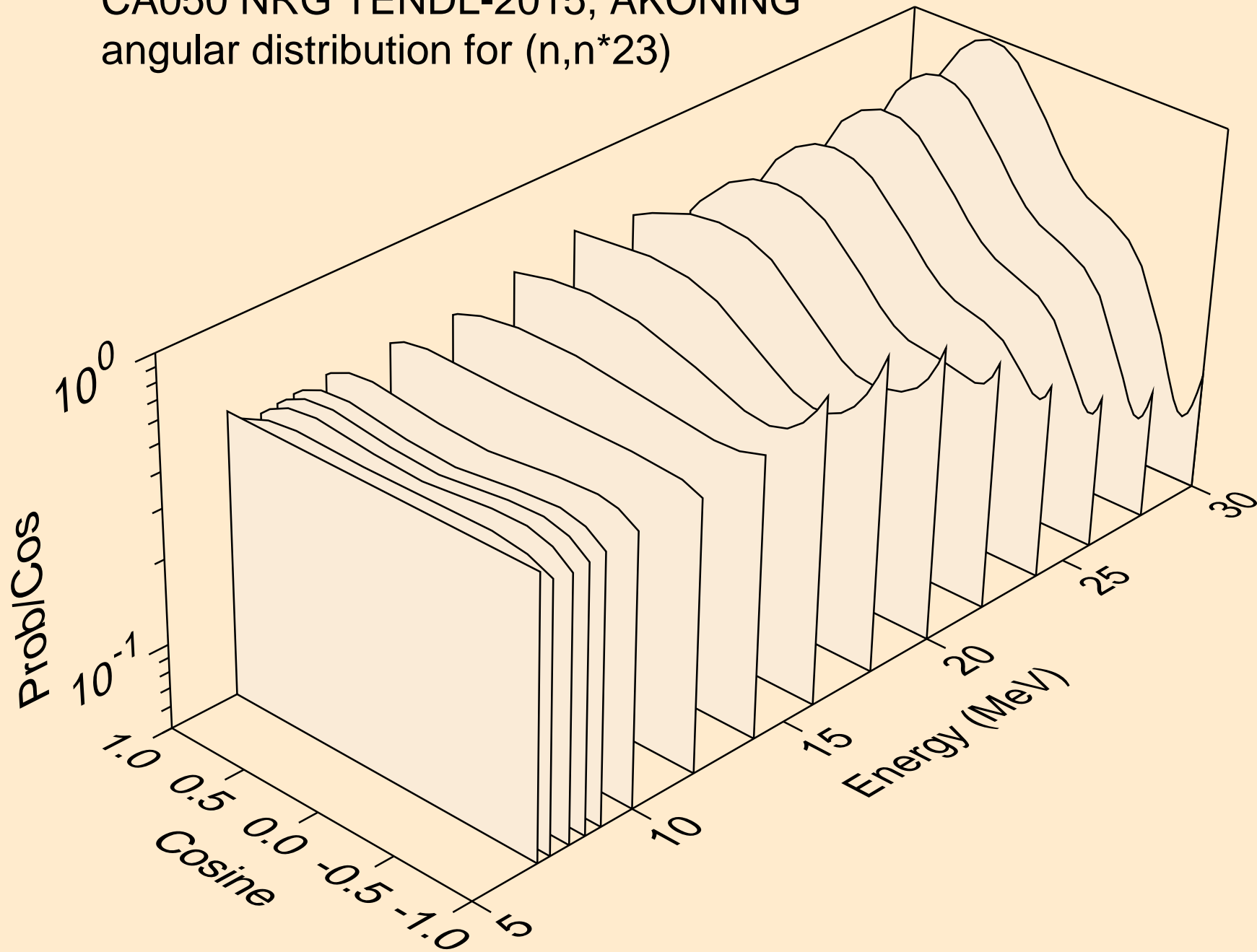
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



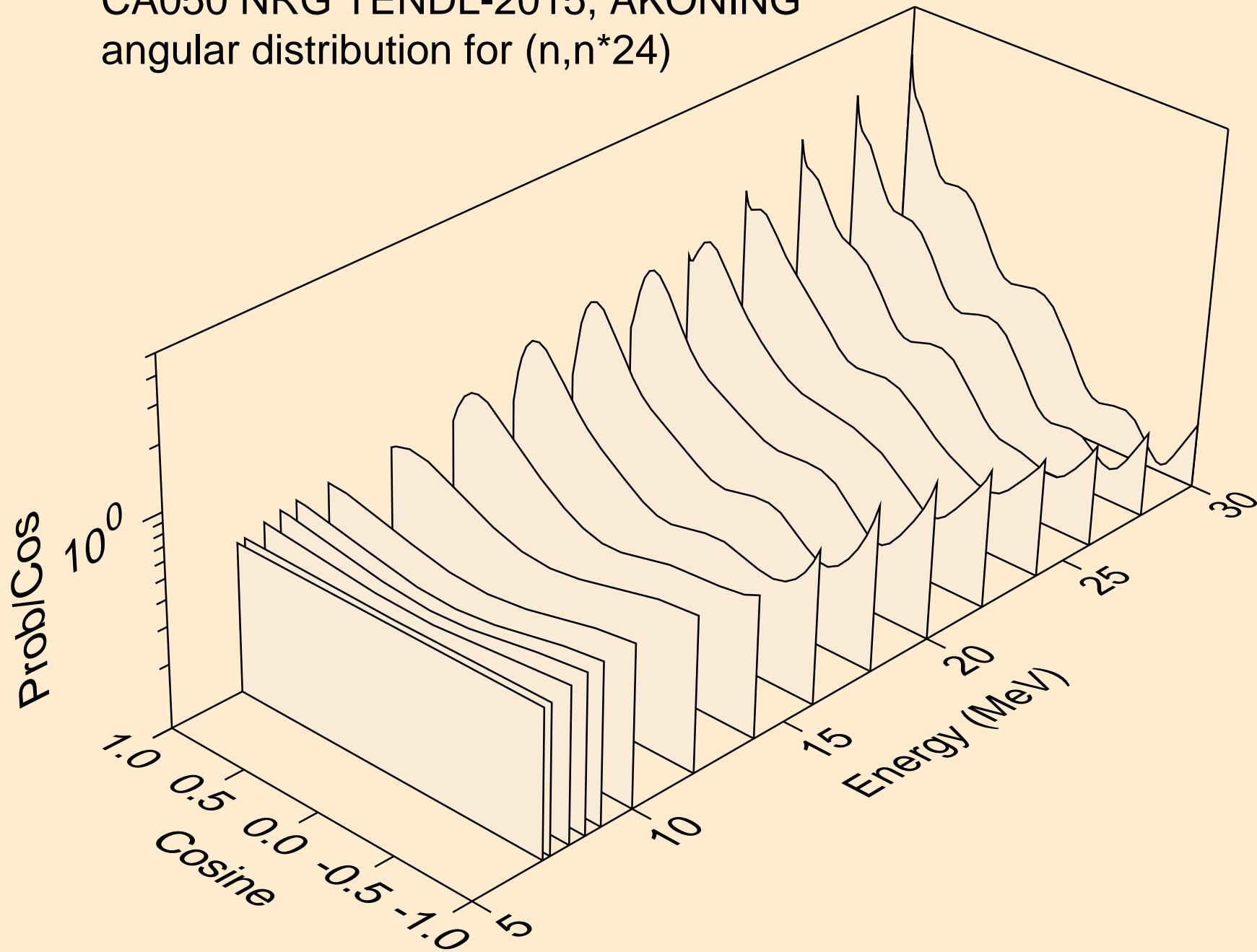
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

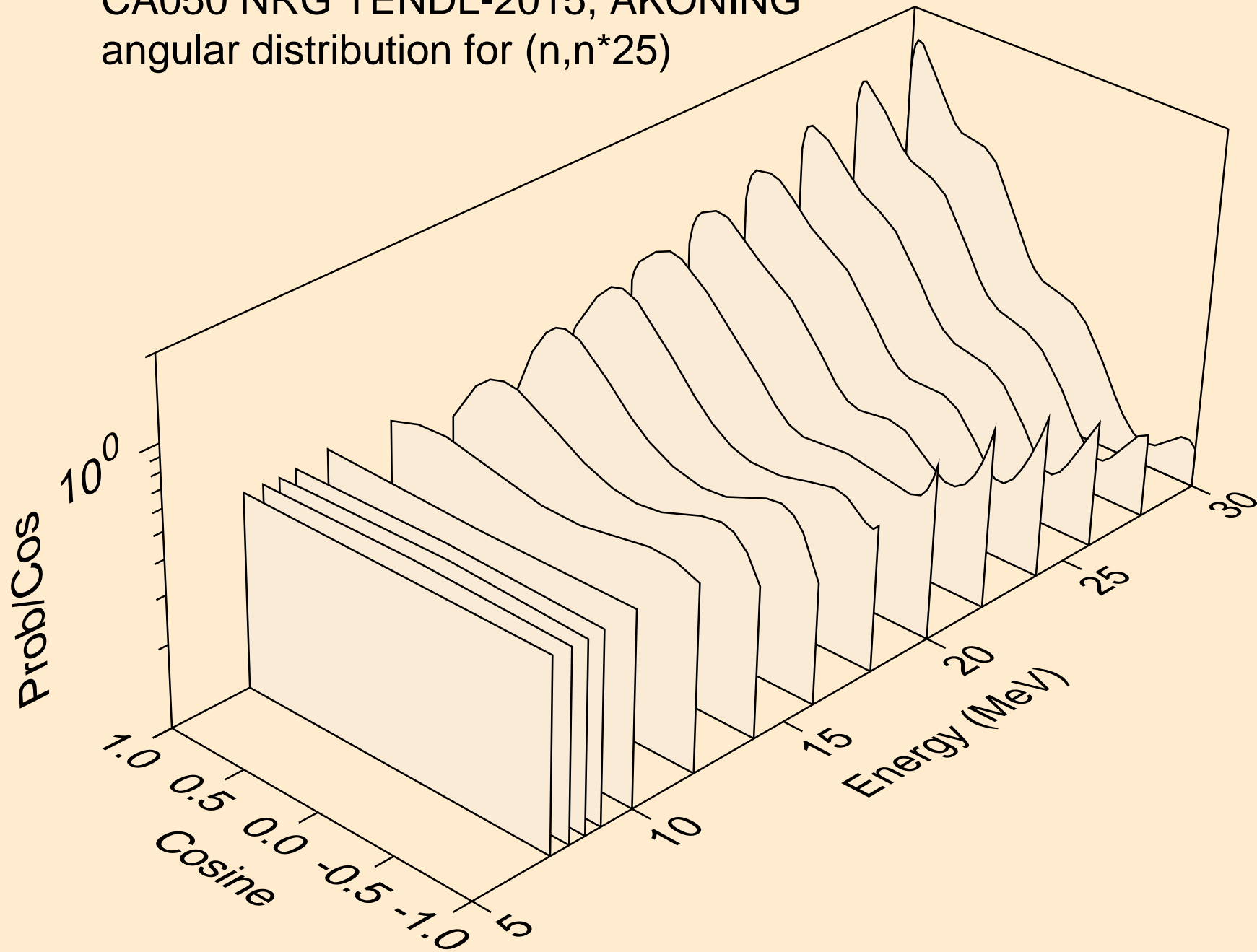


CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

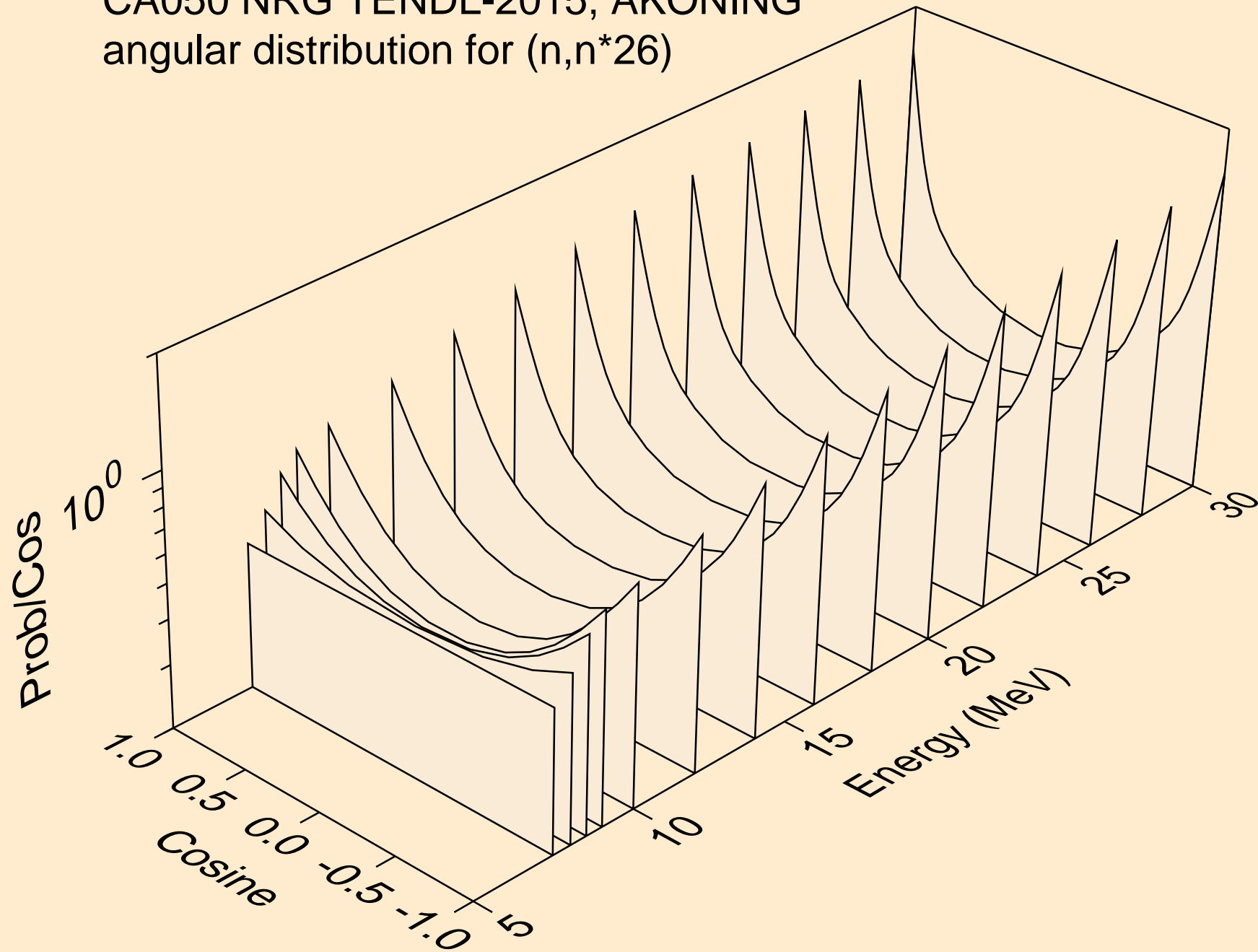




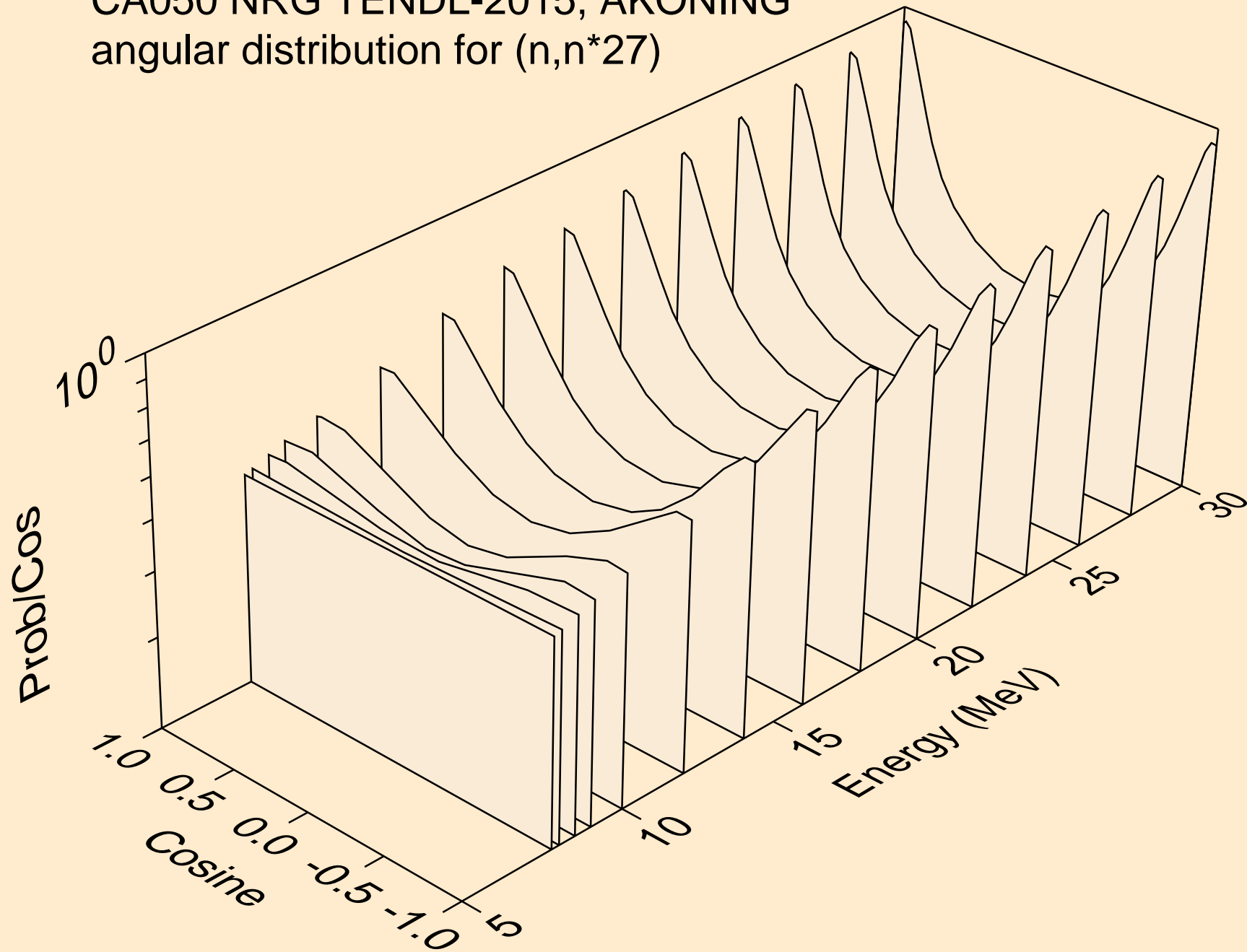
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



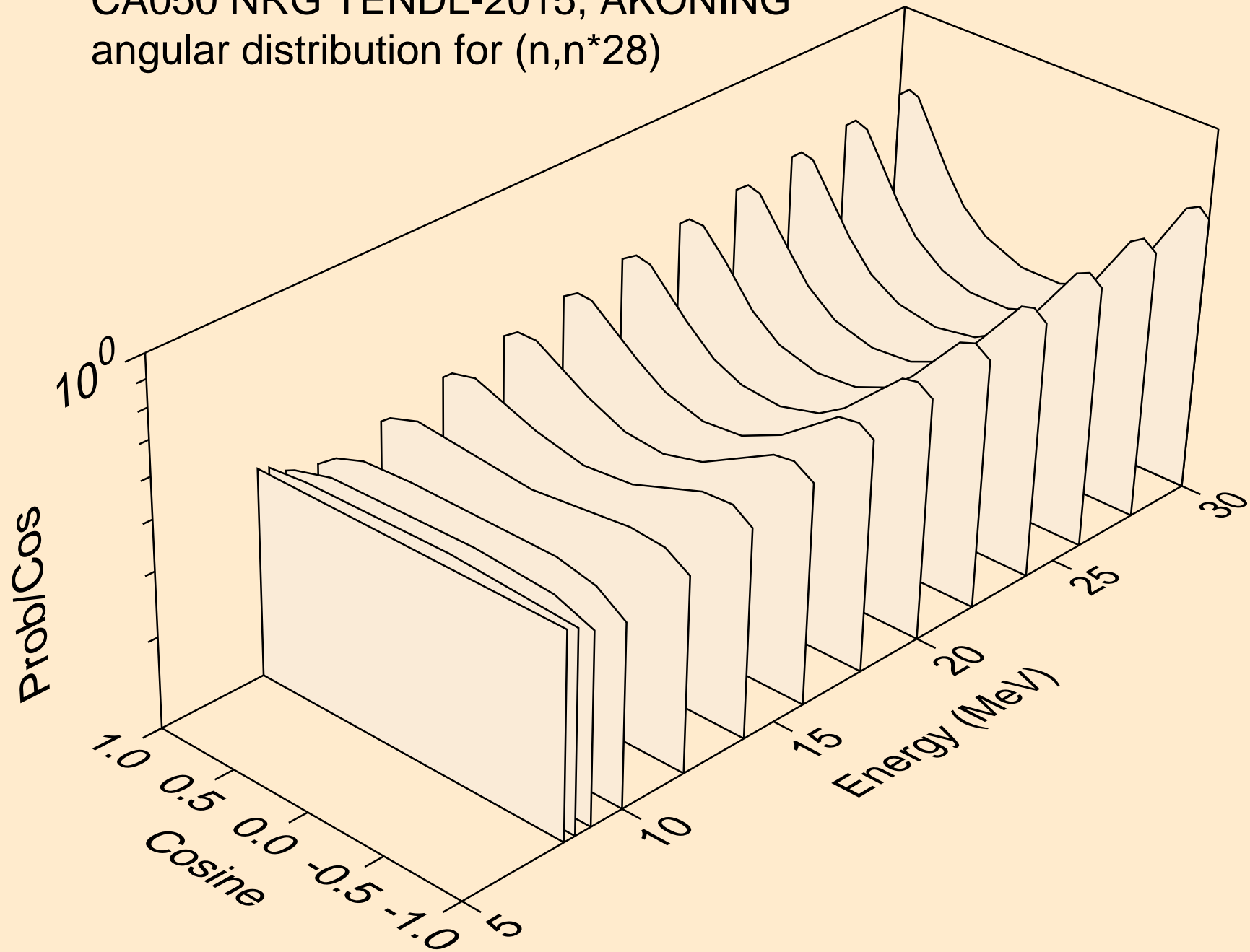
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angular distribution for (n,n\*26)



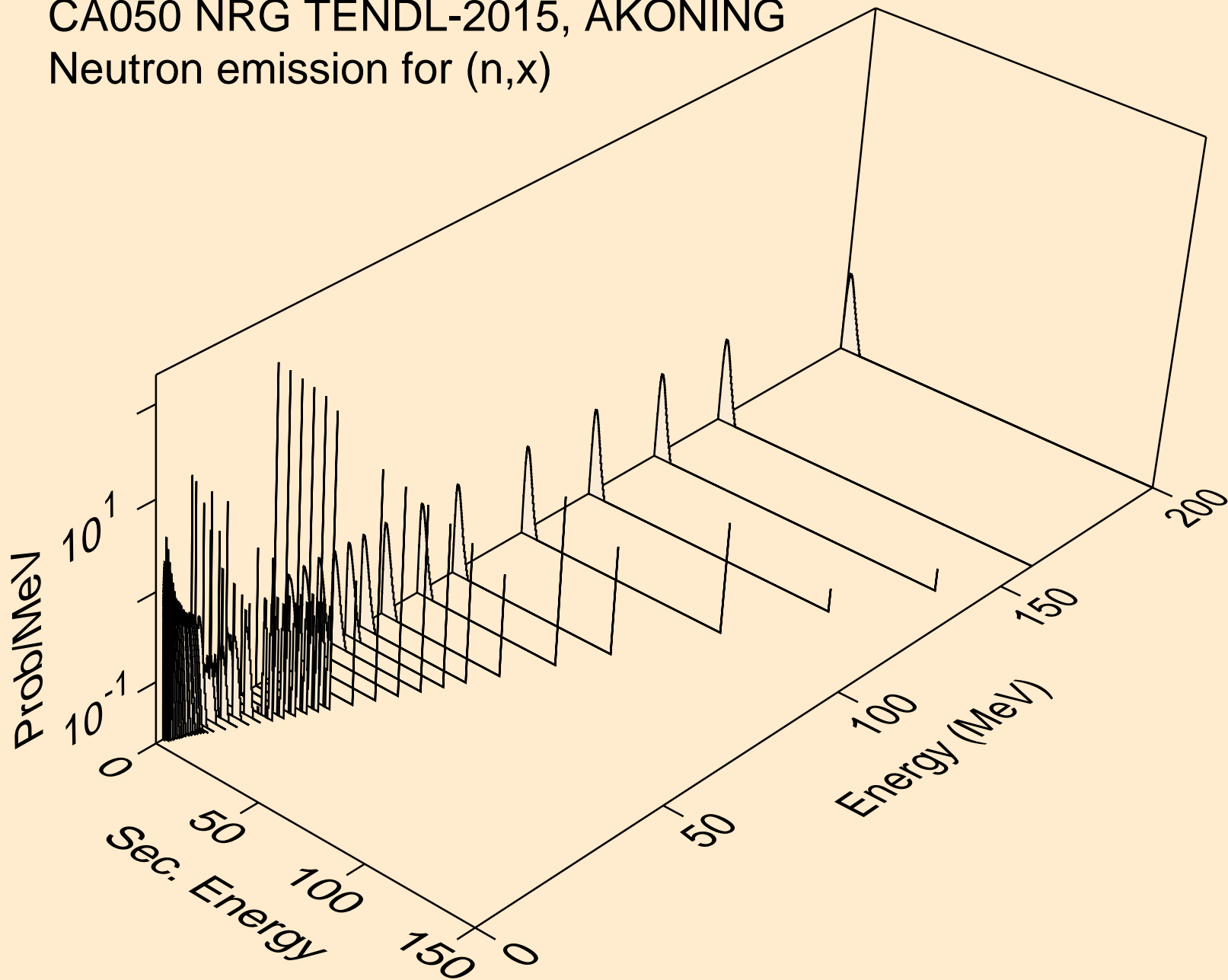
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



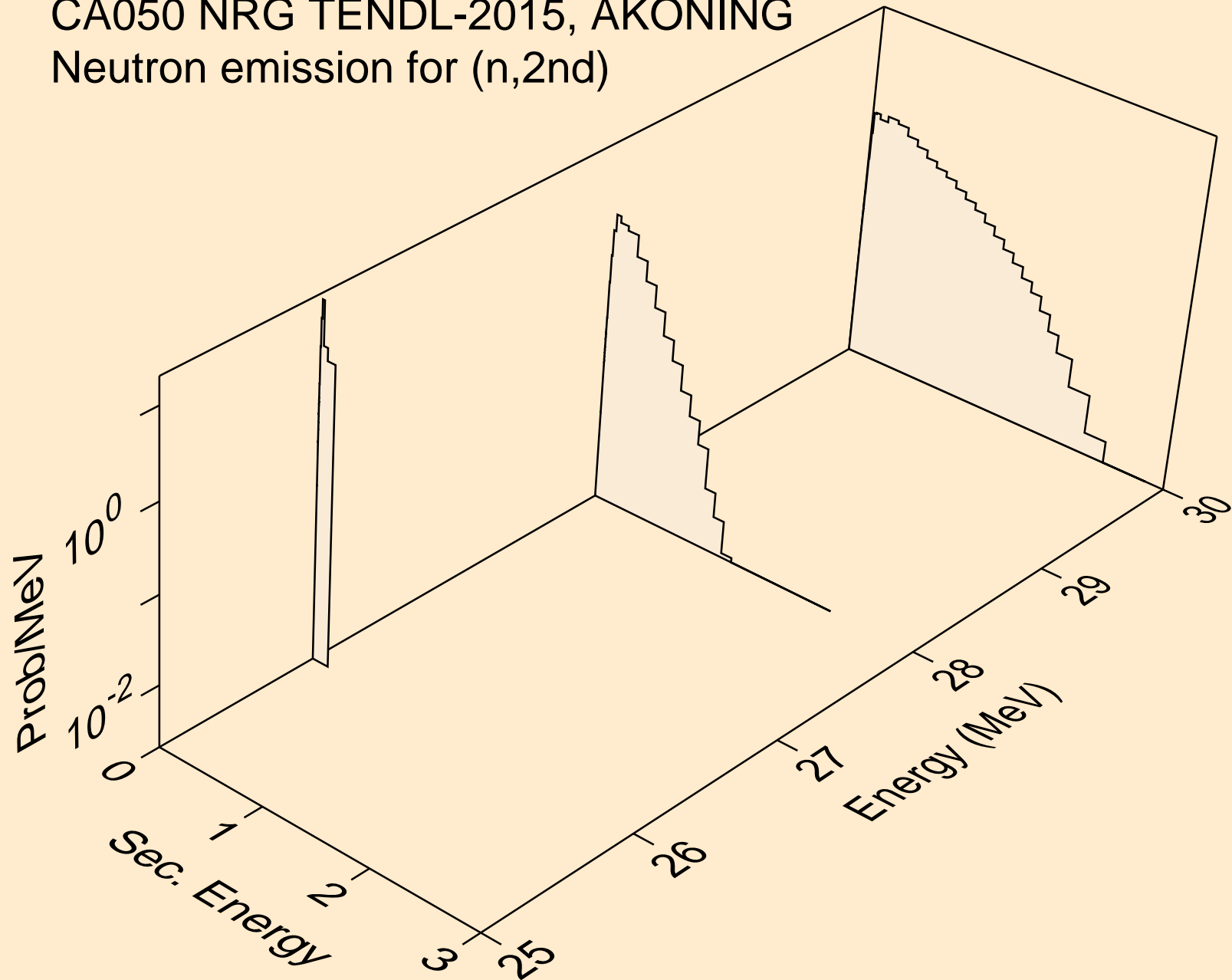
CA050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



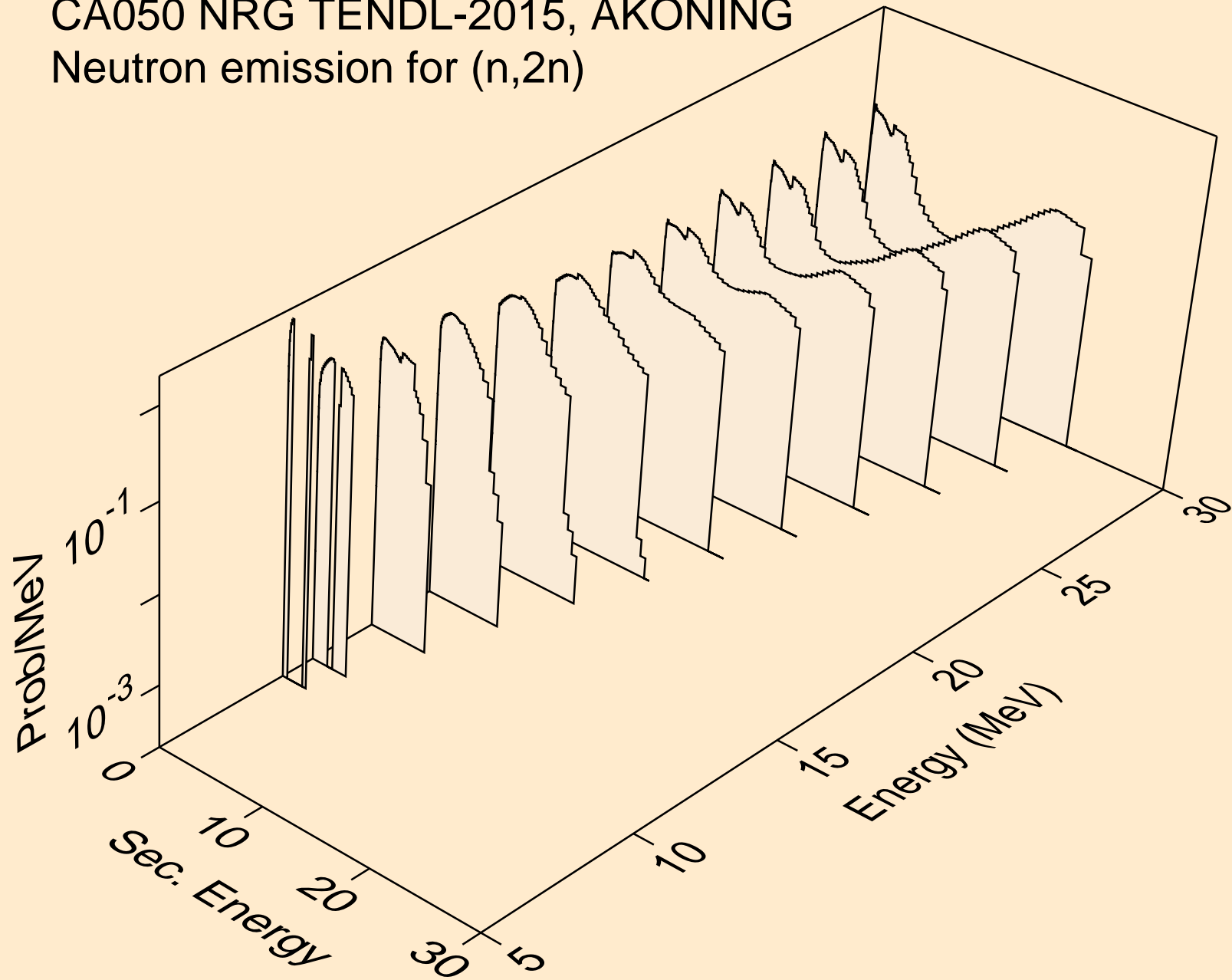
CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



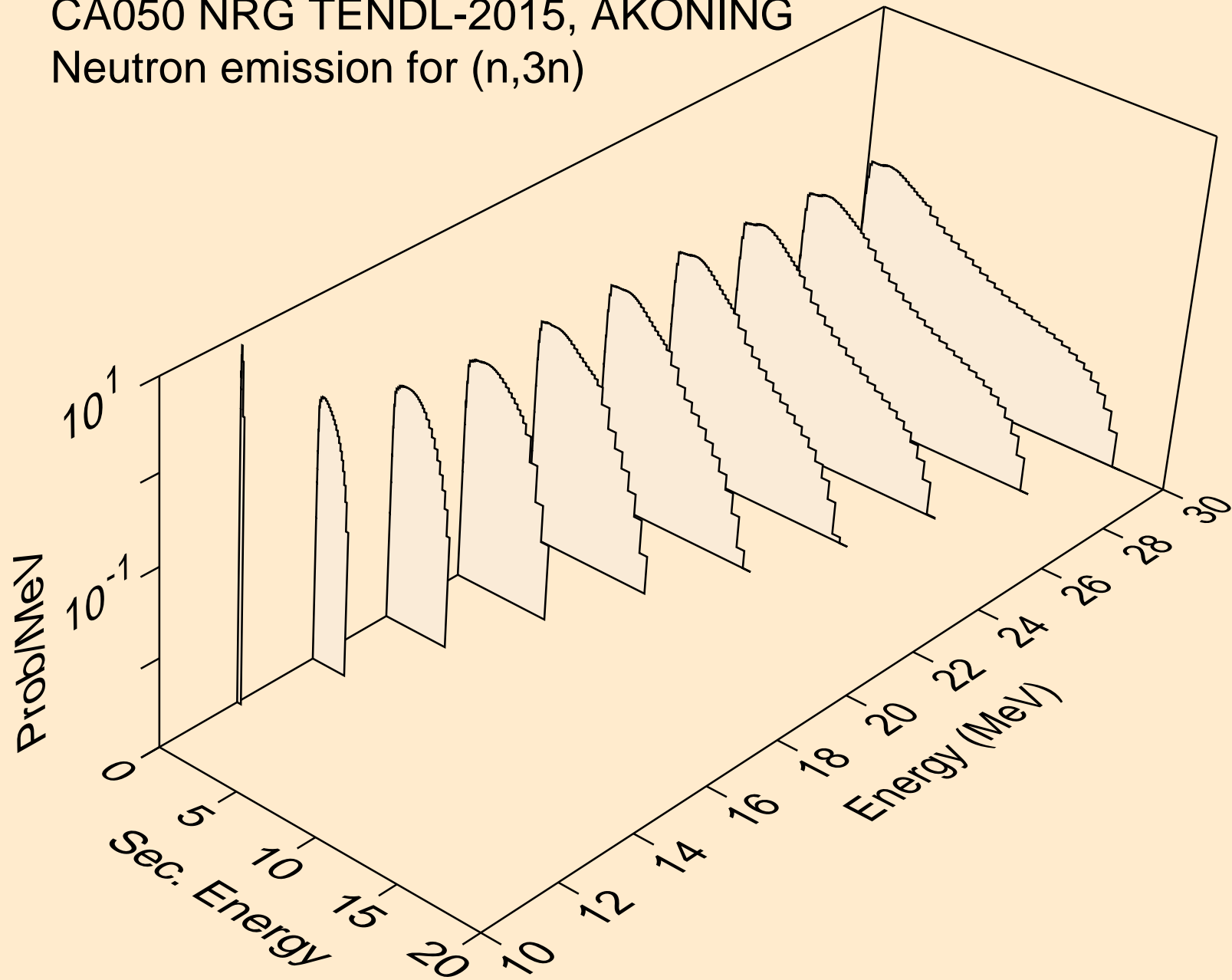
CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

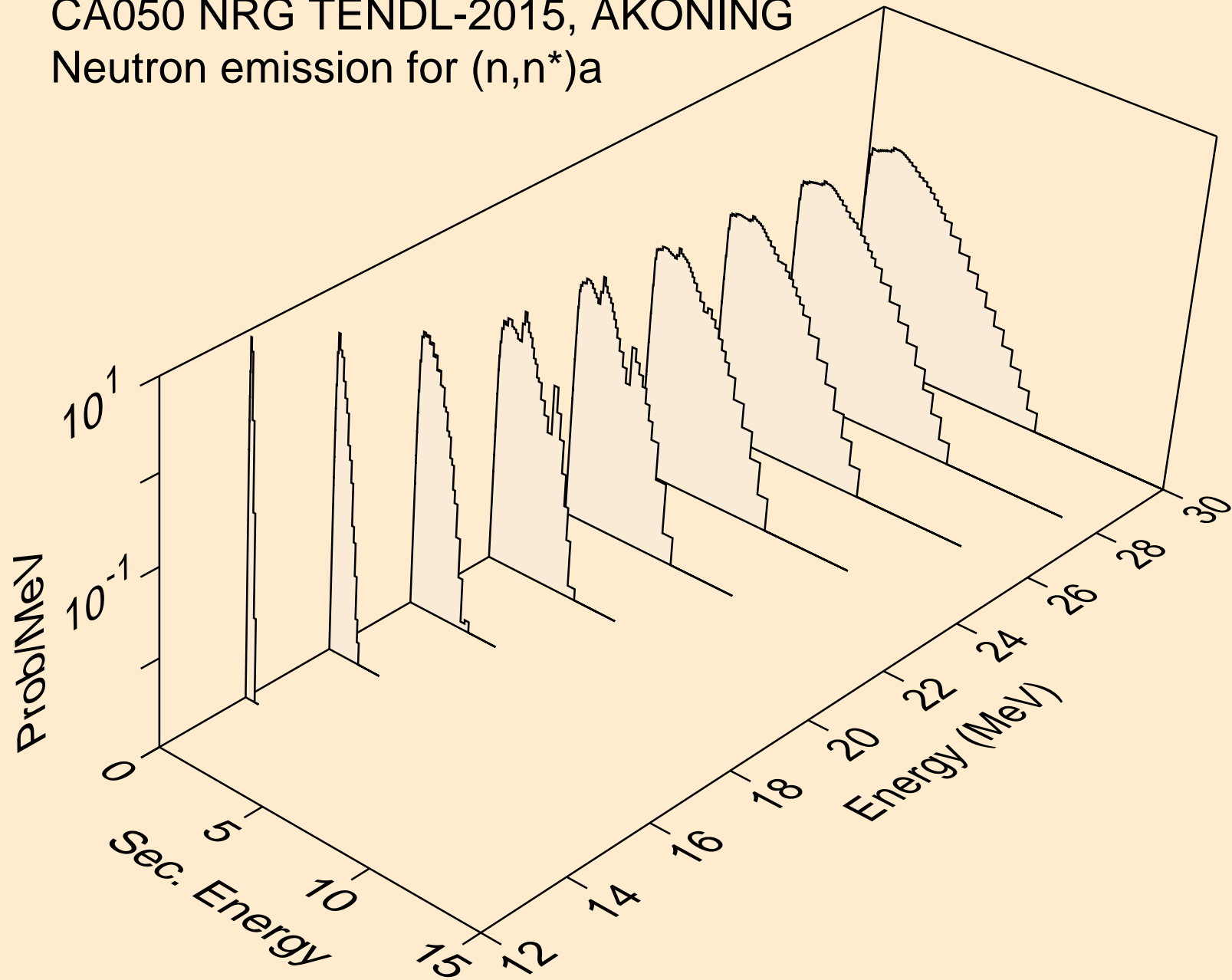


CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

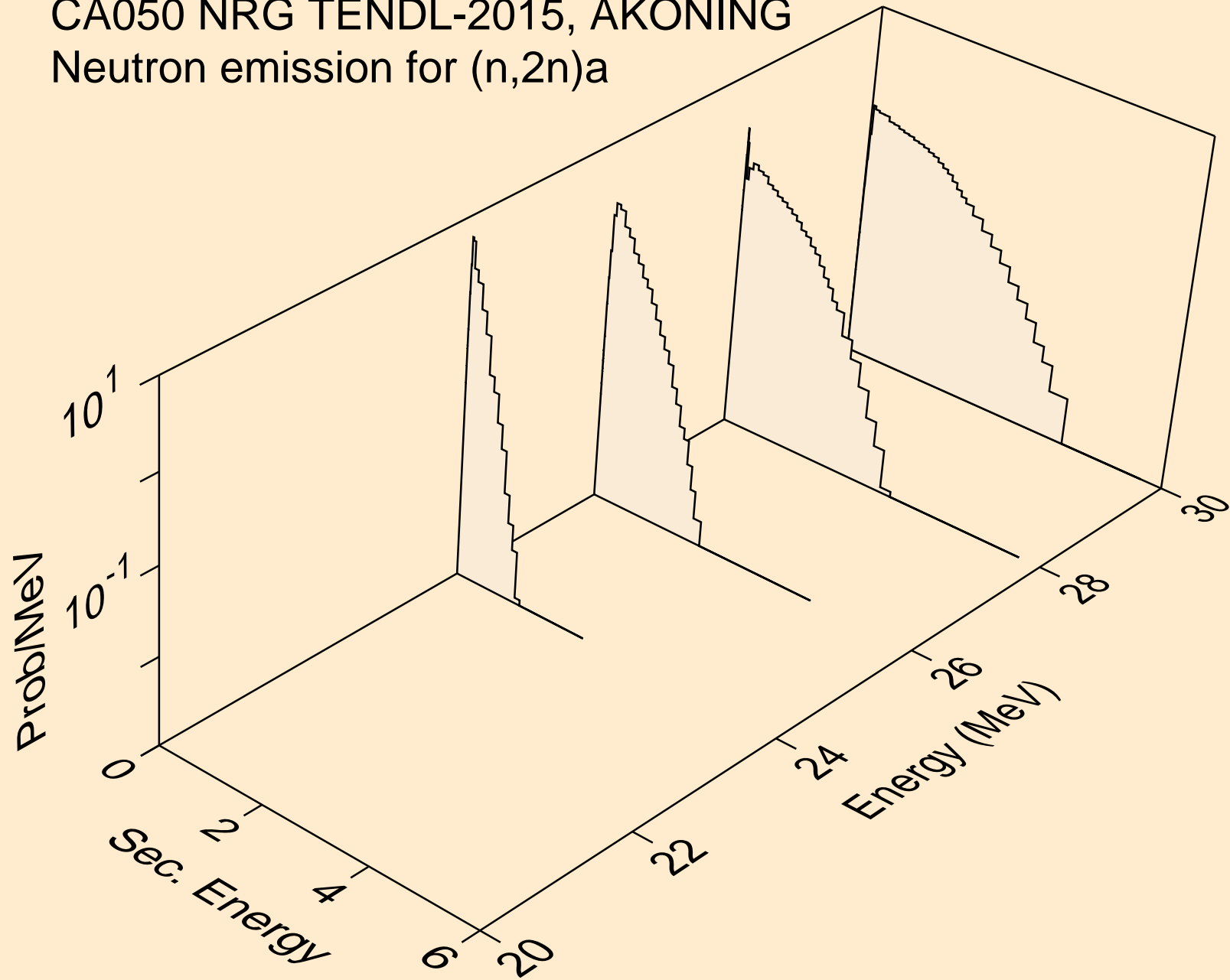




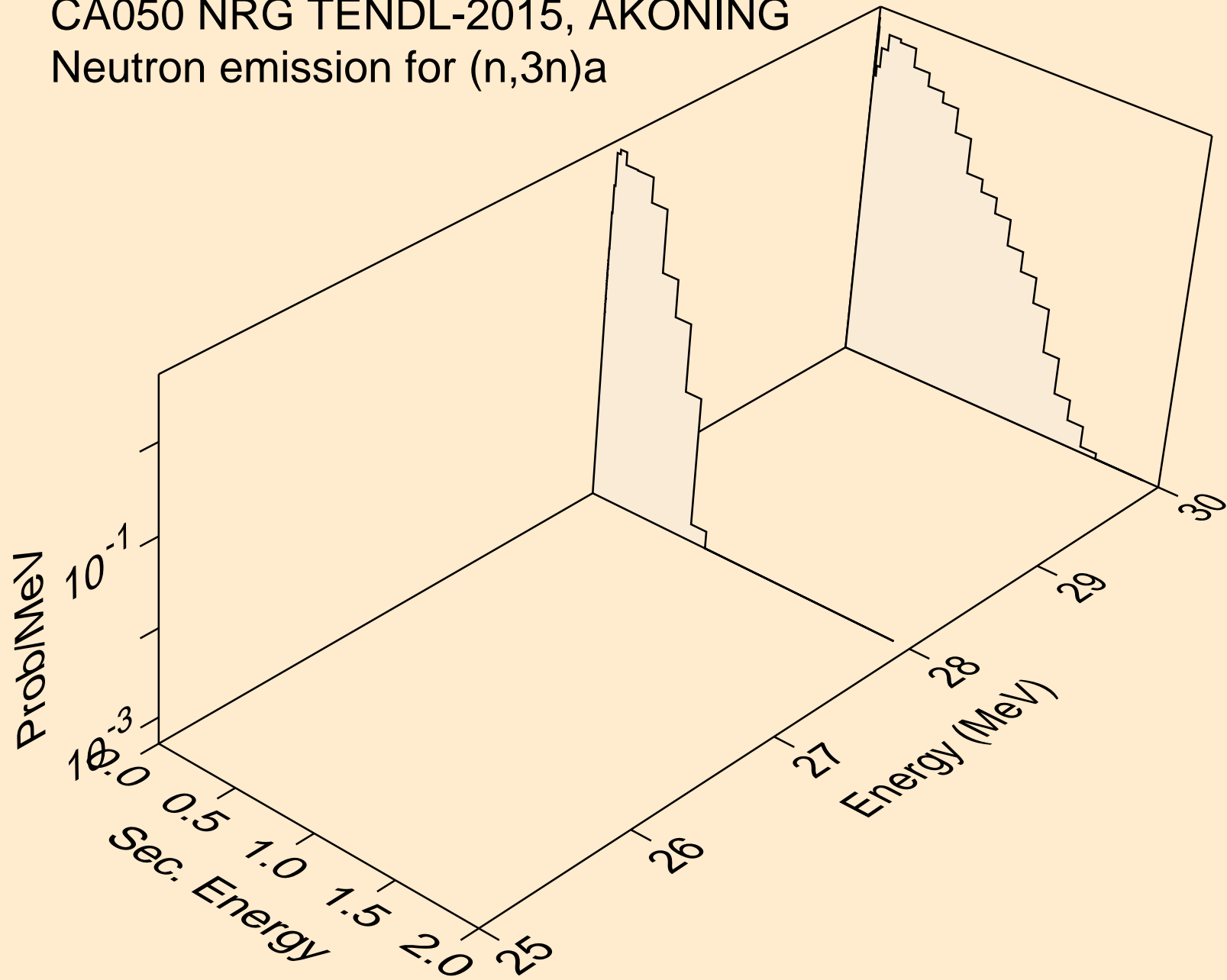
CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



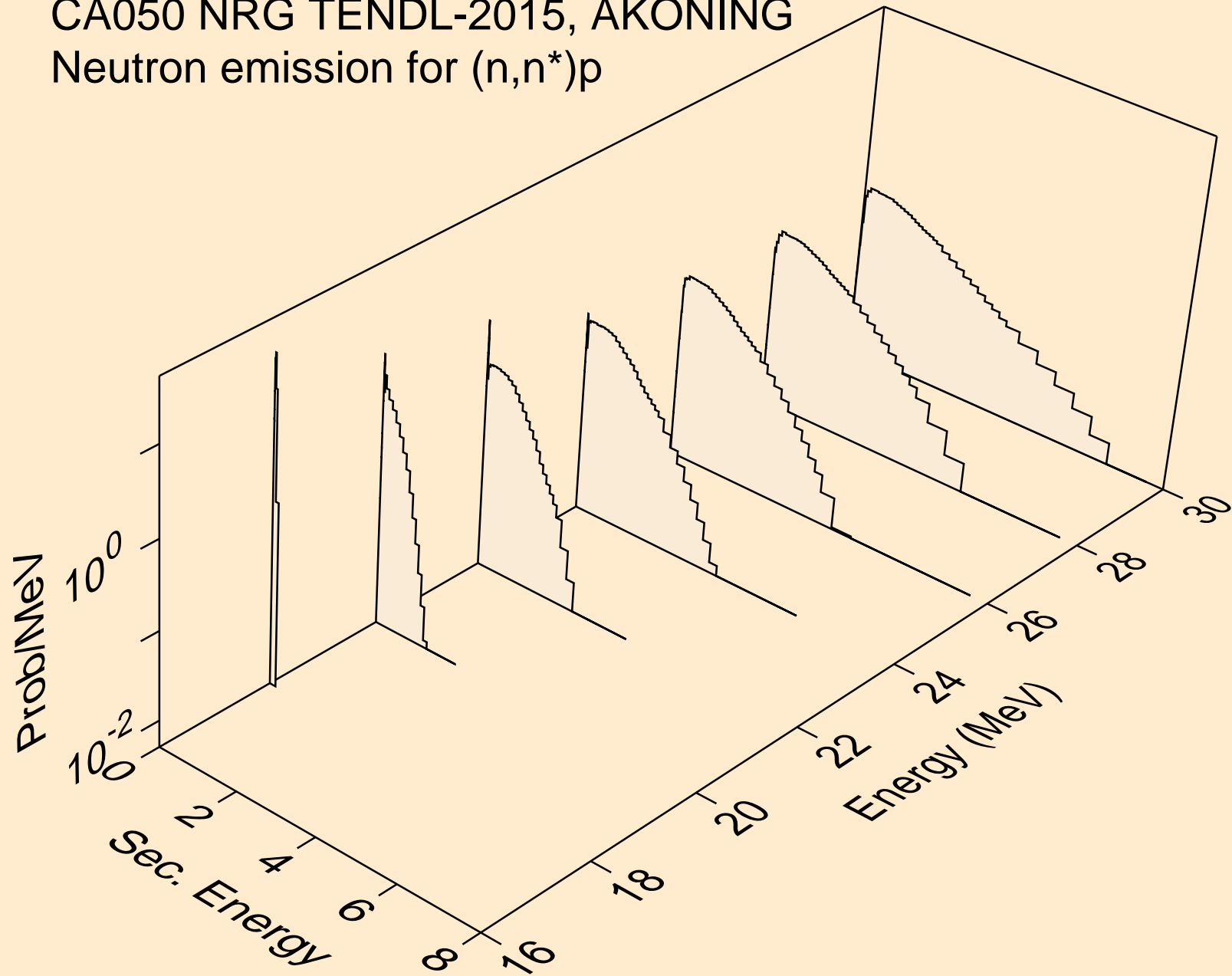
CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



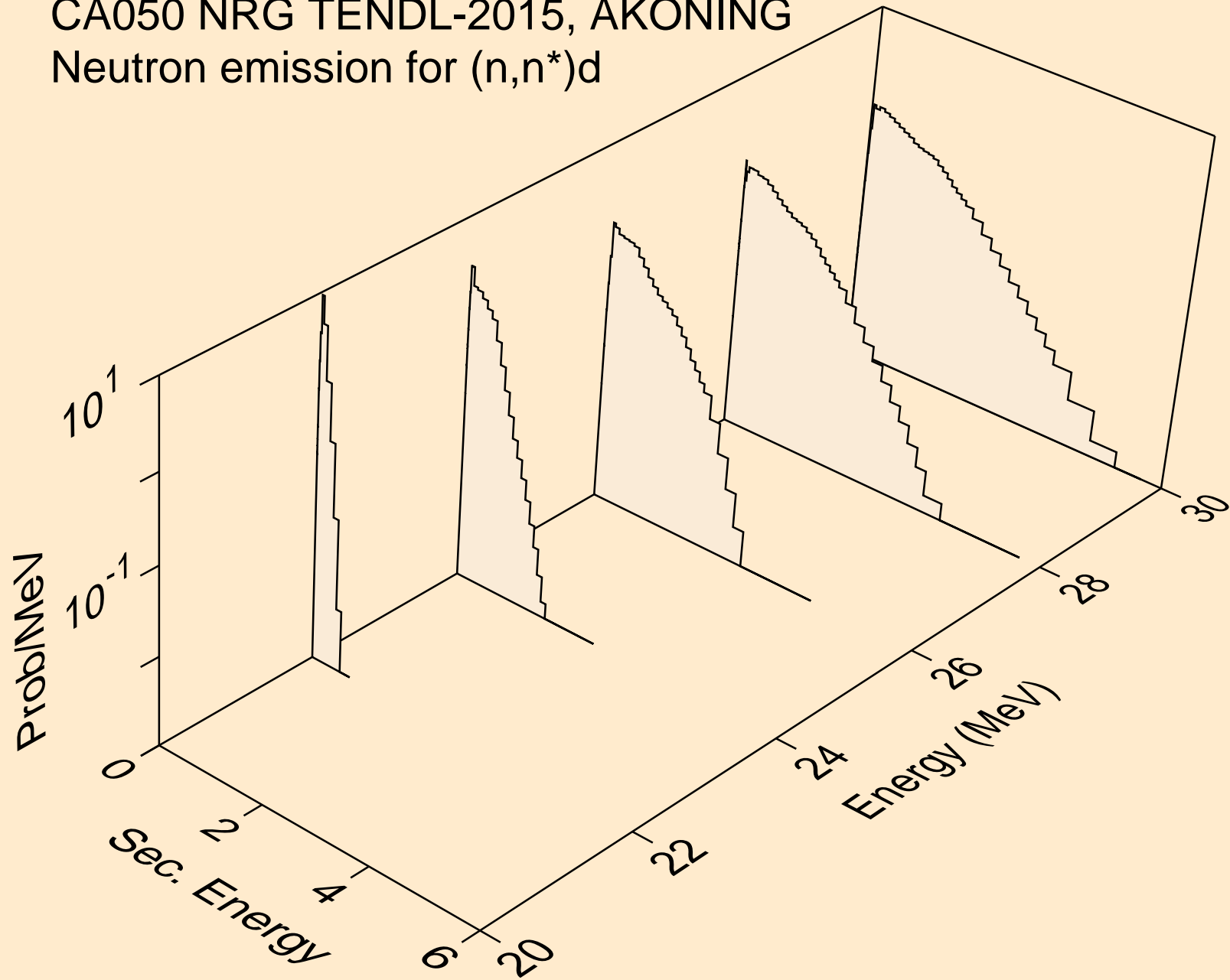
CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



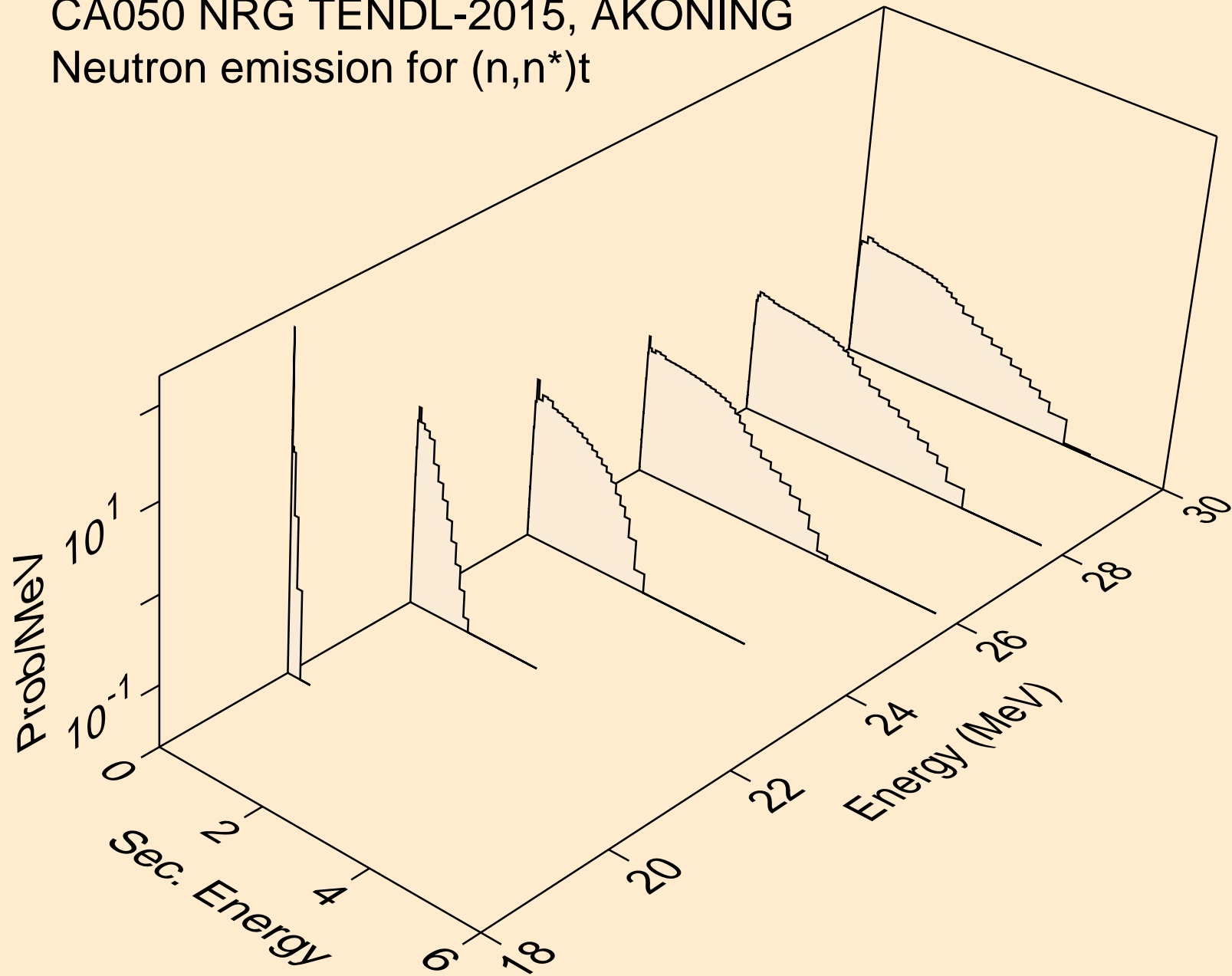
CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



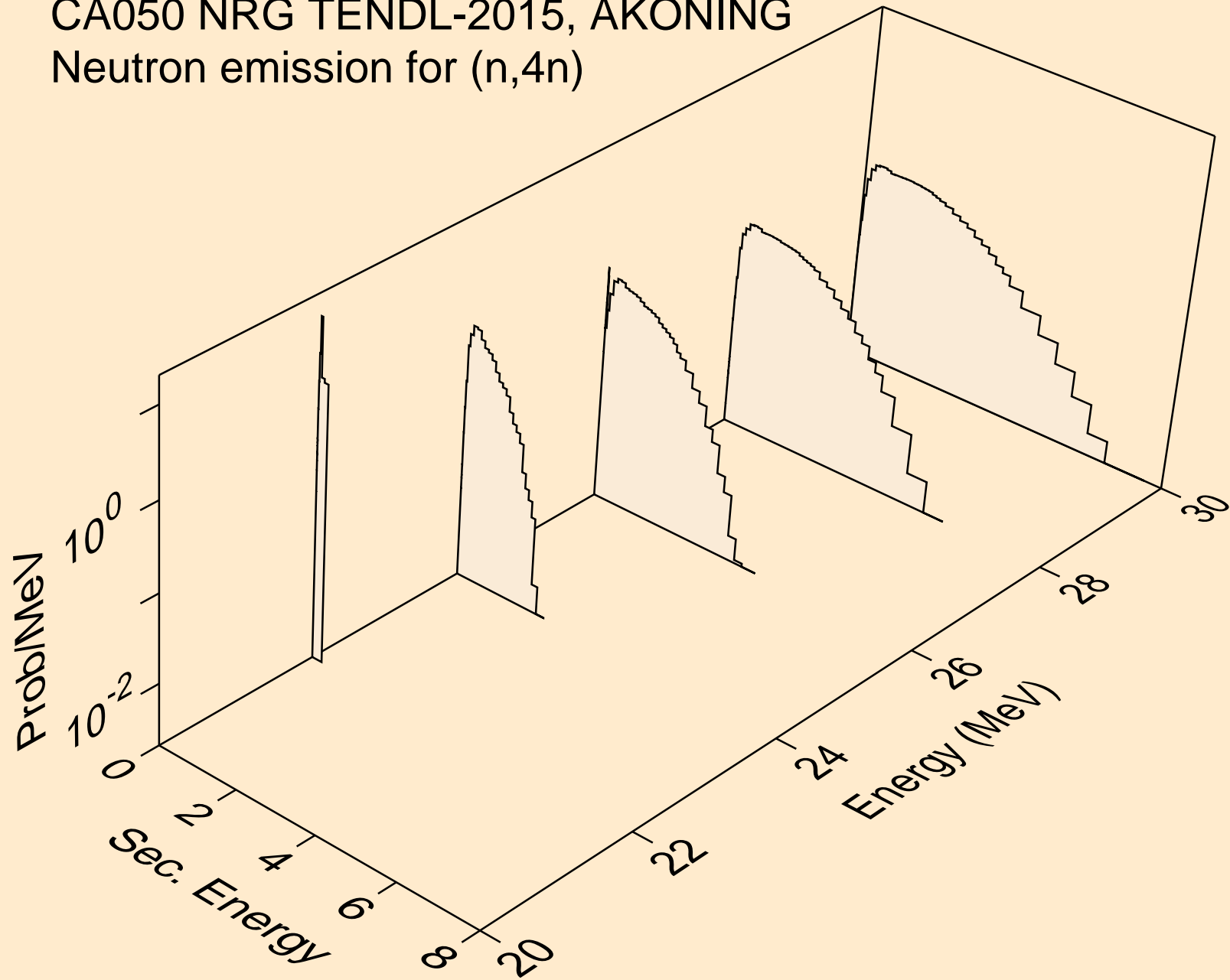
CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



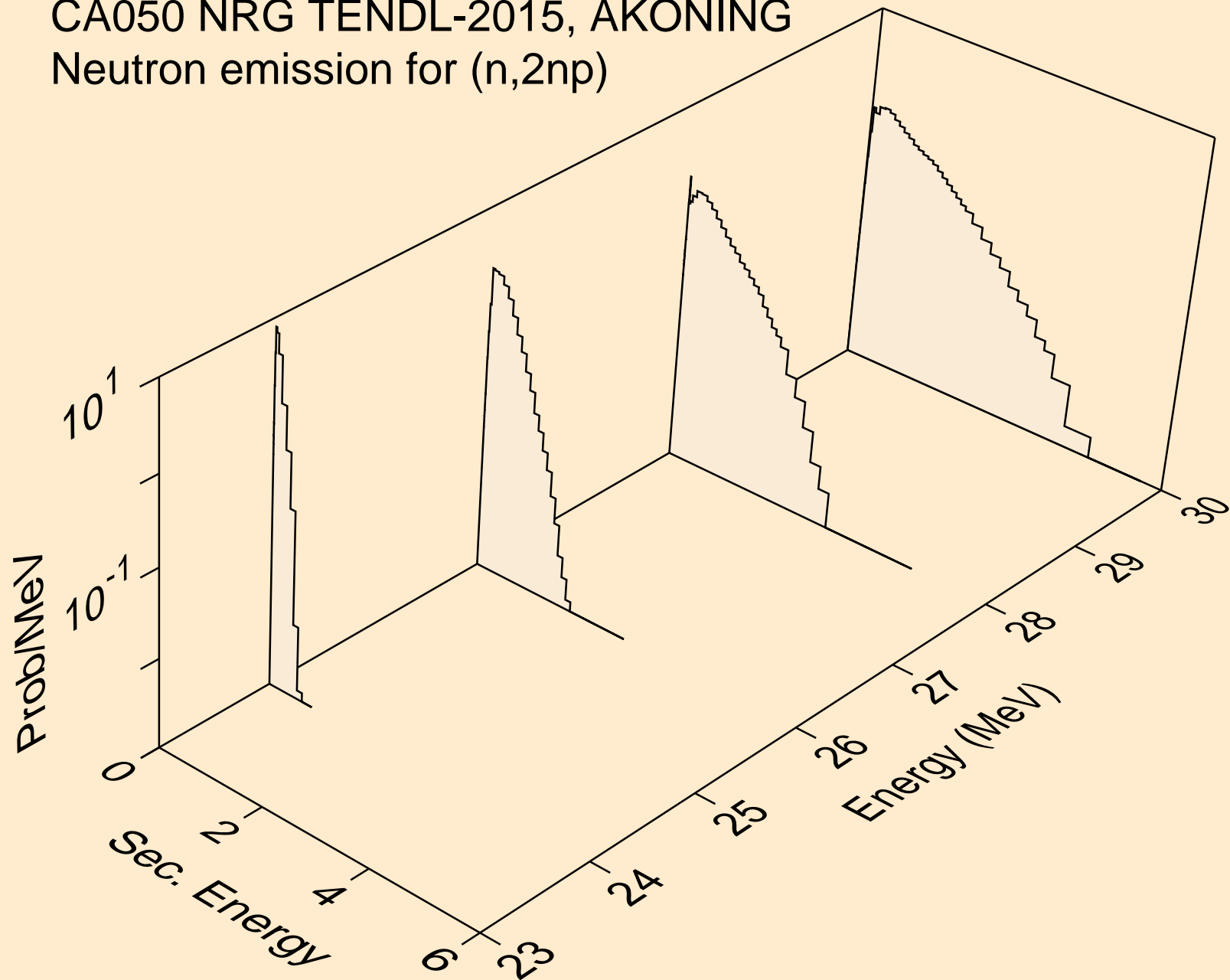
CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

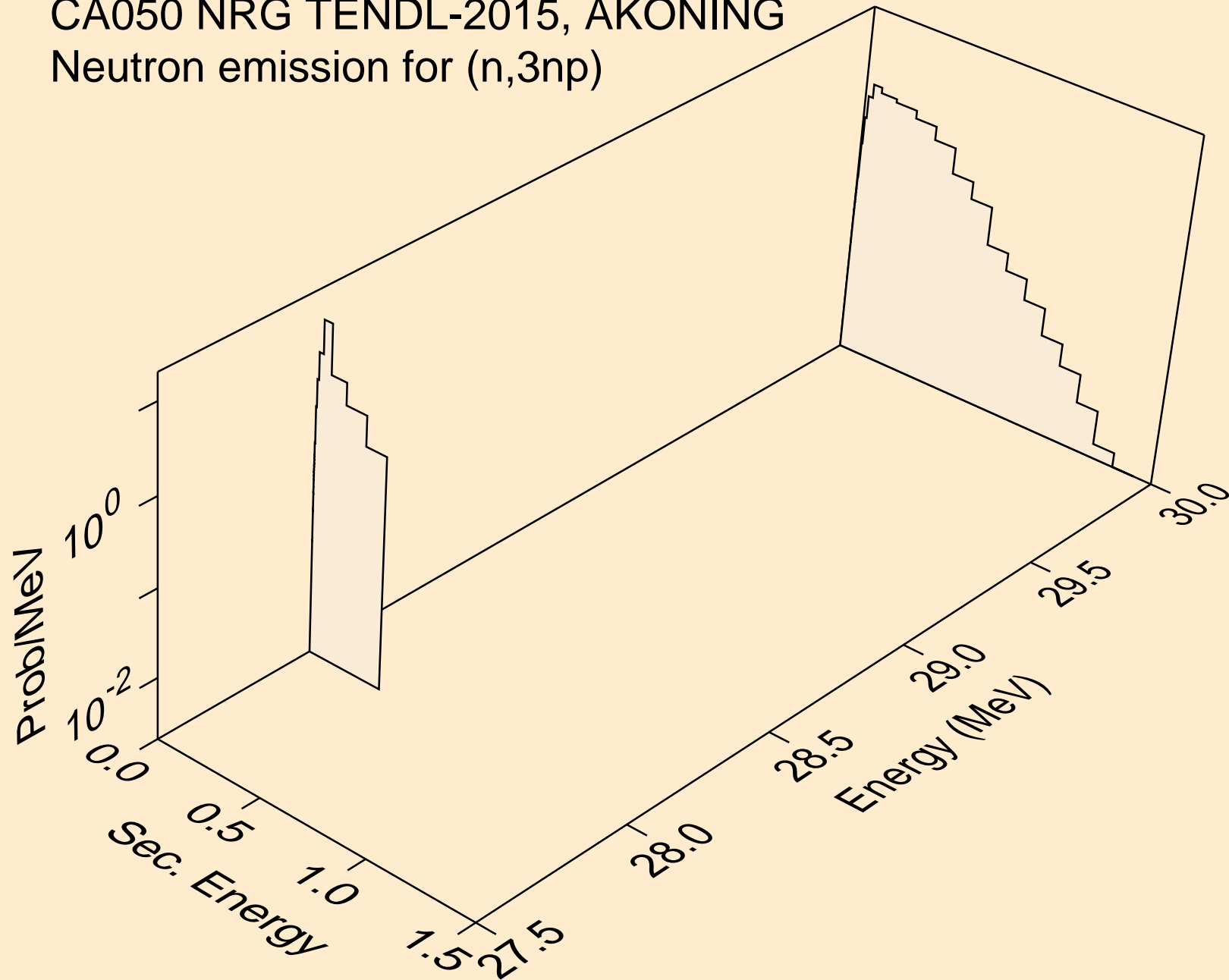


CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

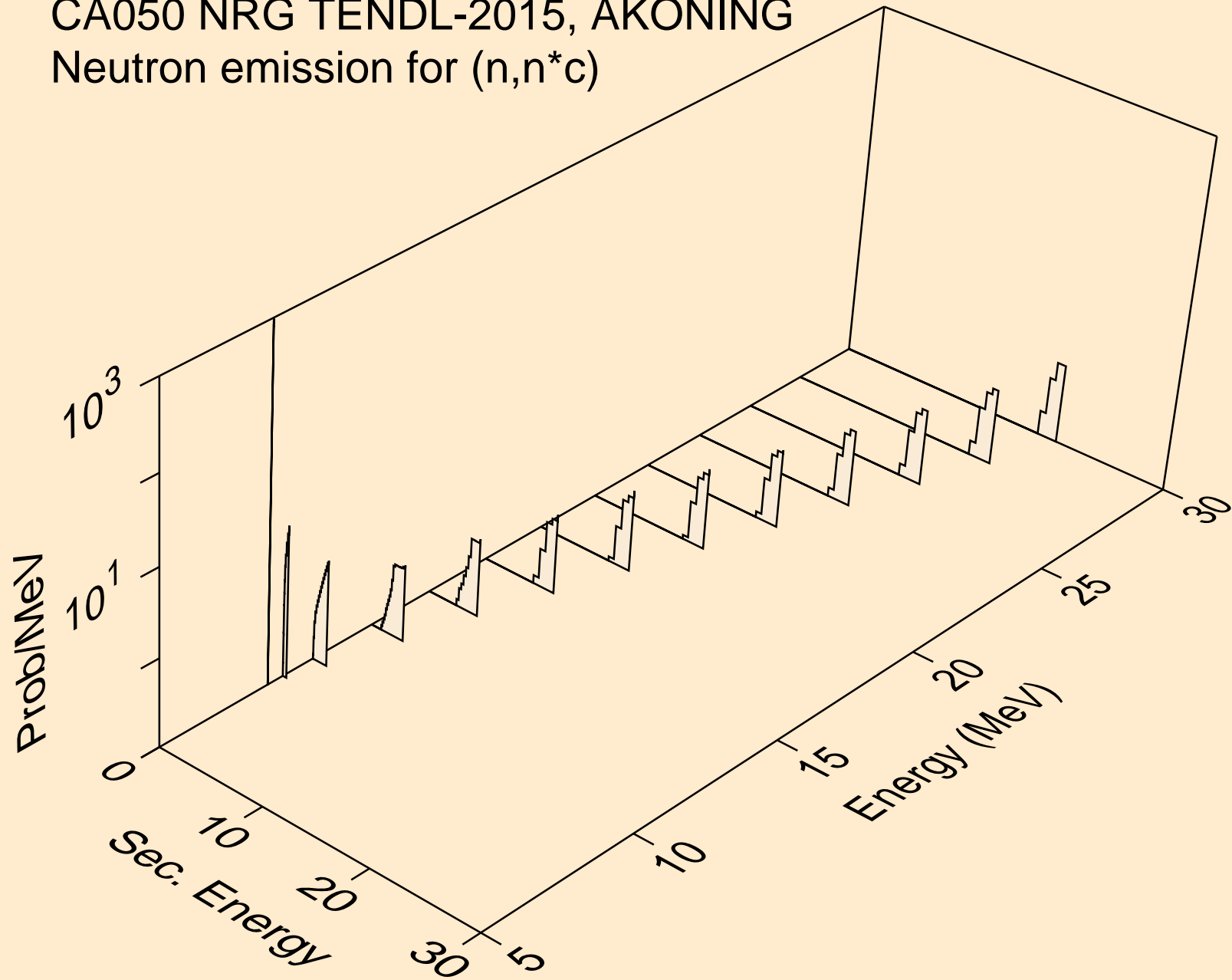




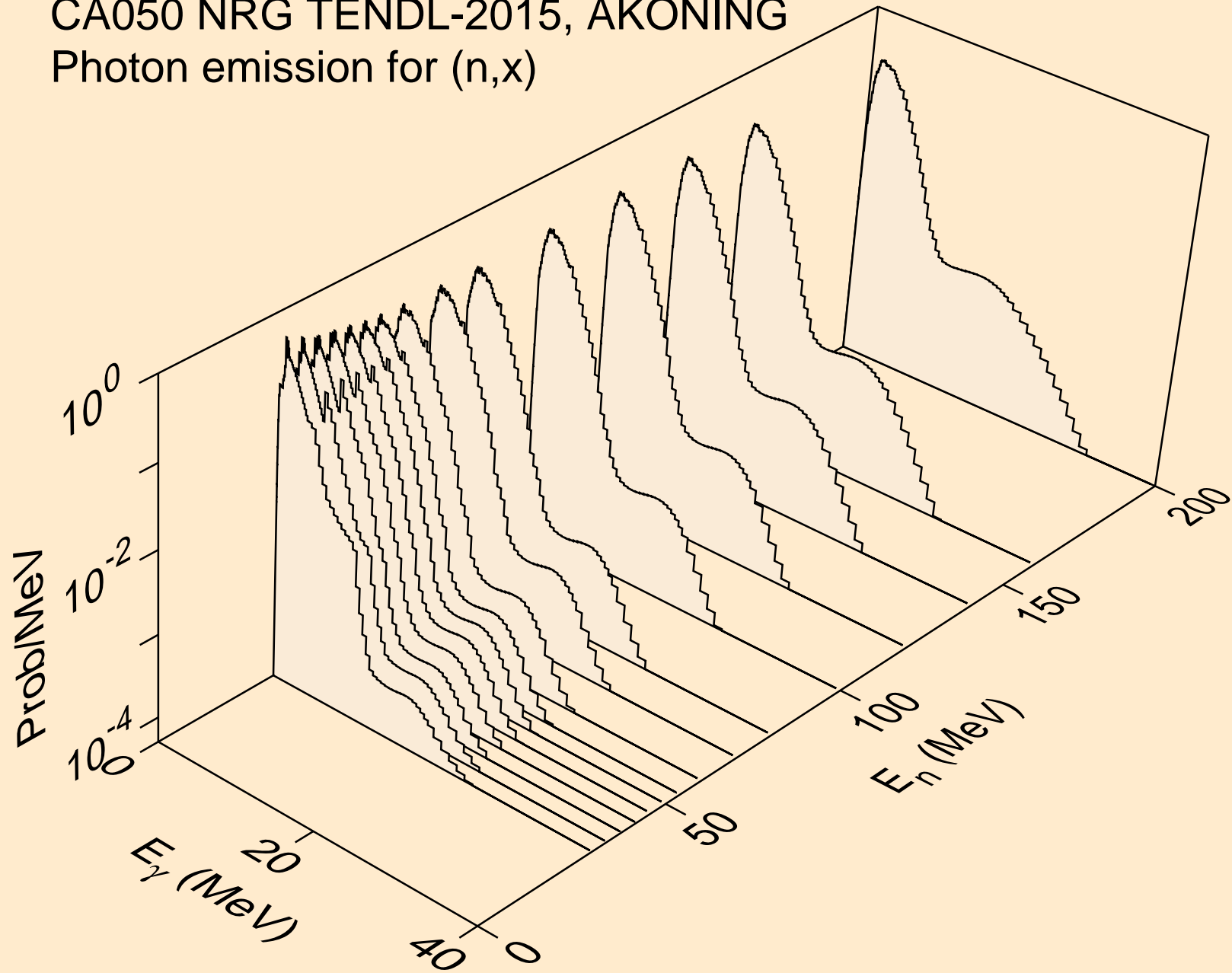
CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



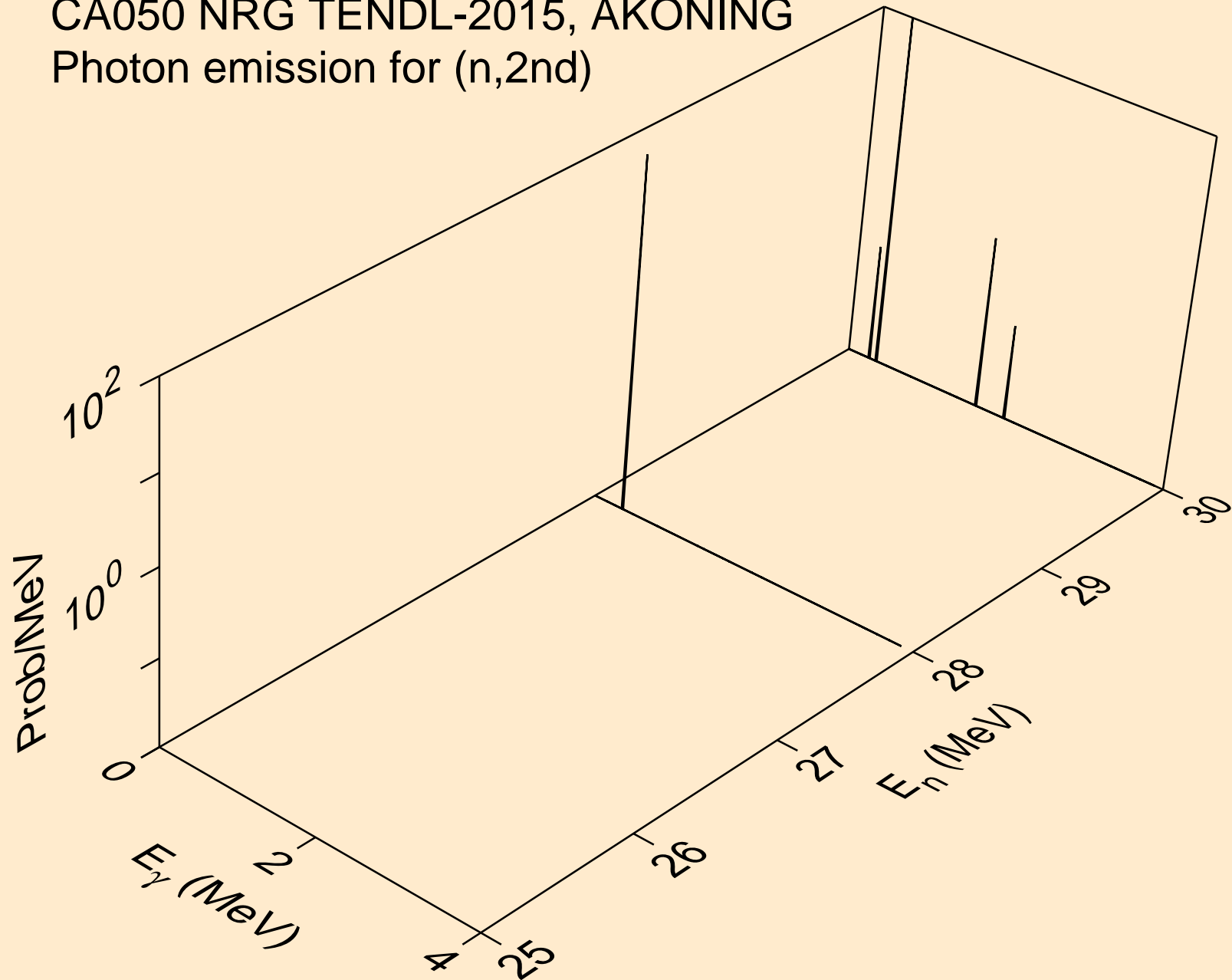
CA050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



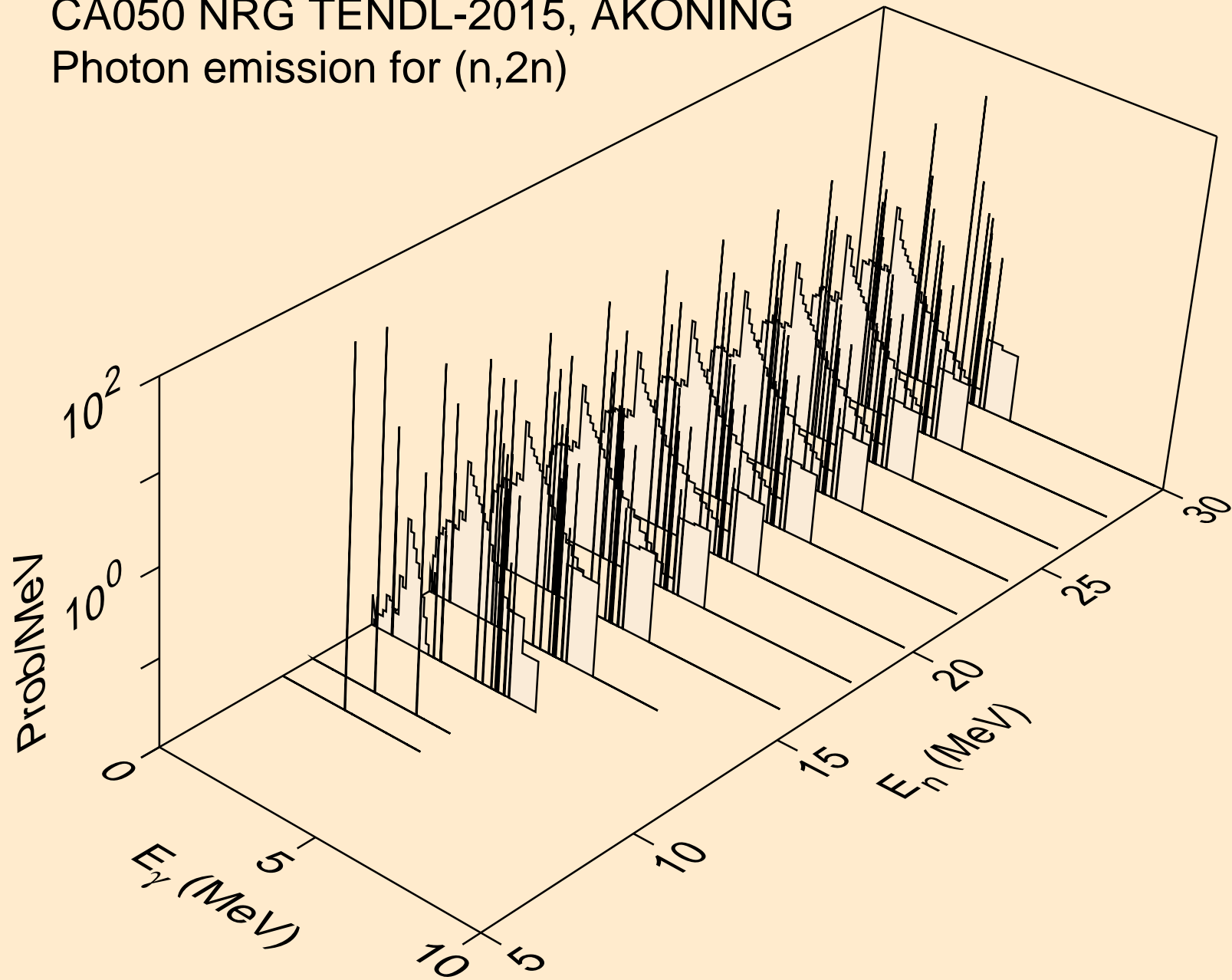
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



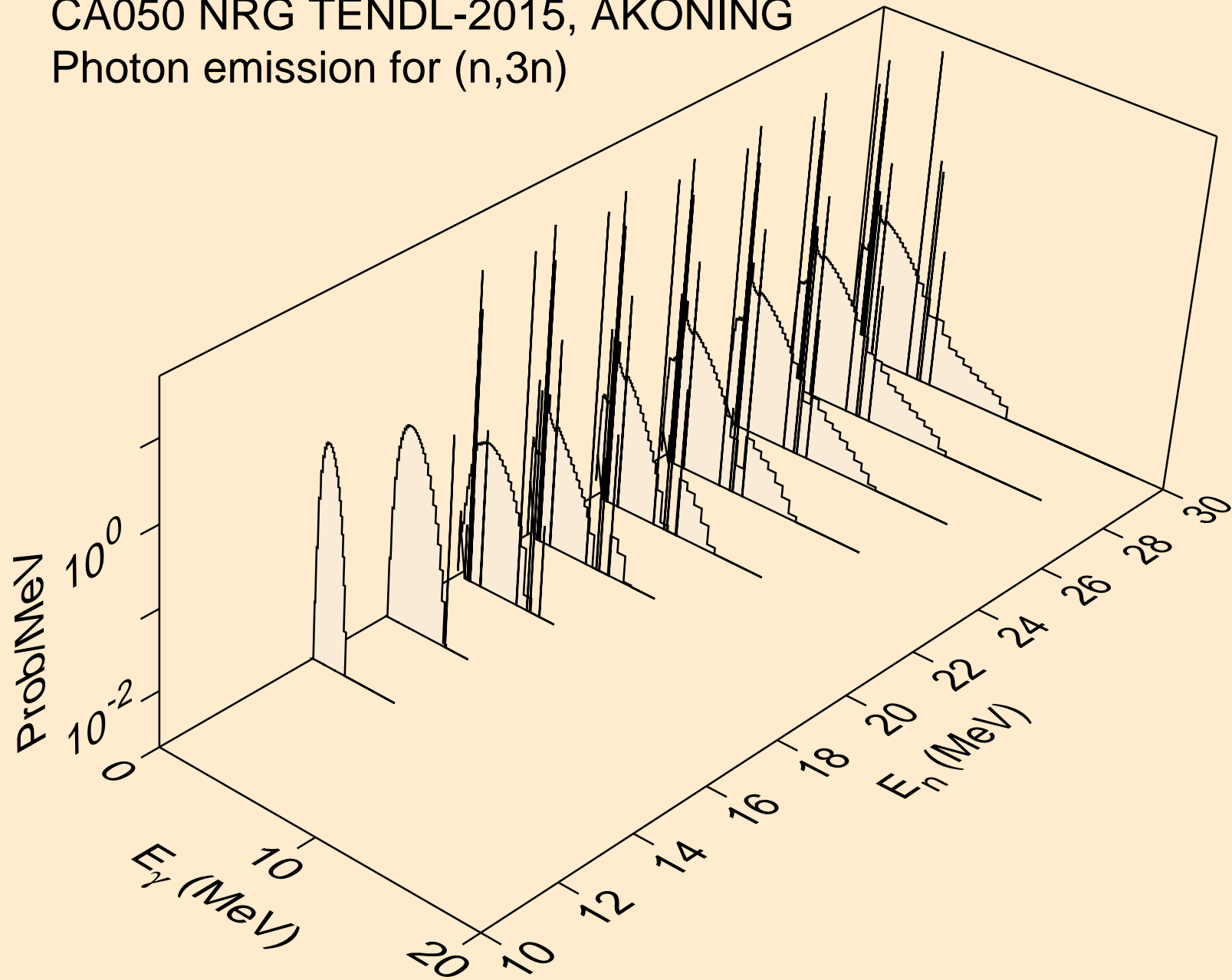
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



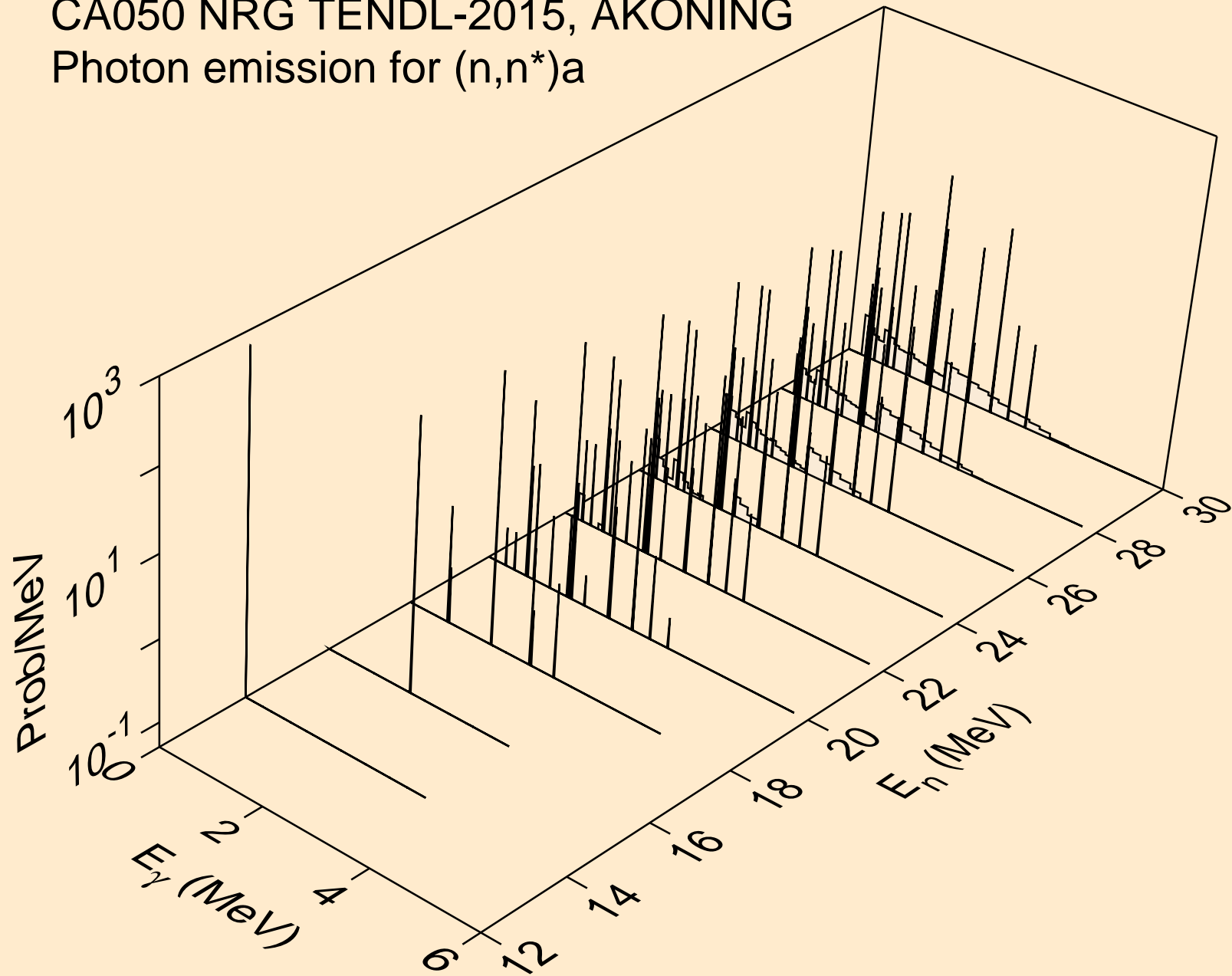
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



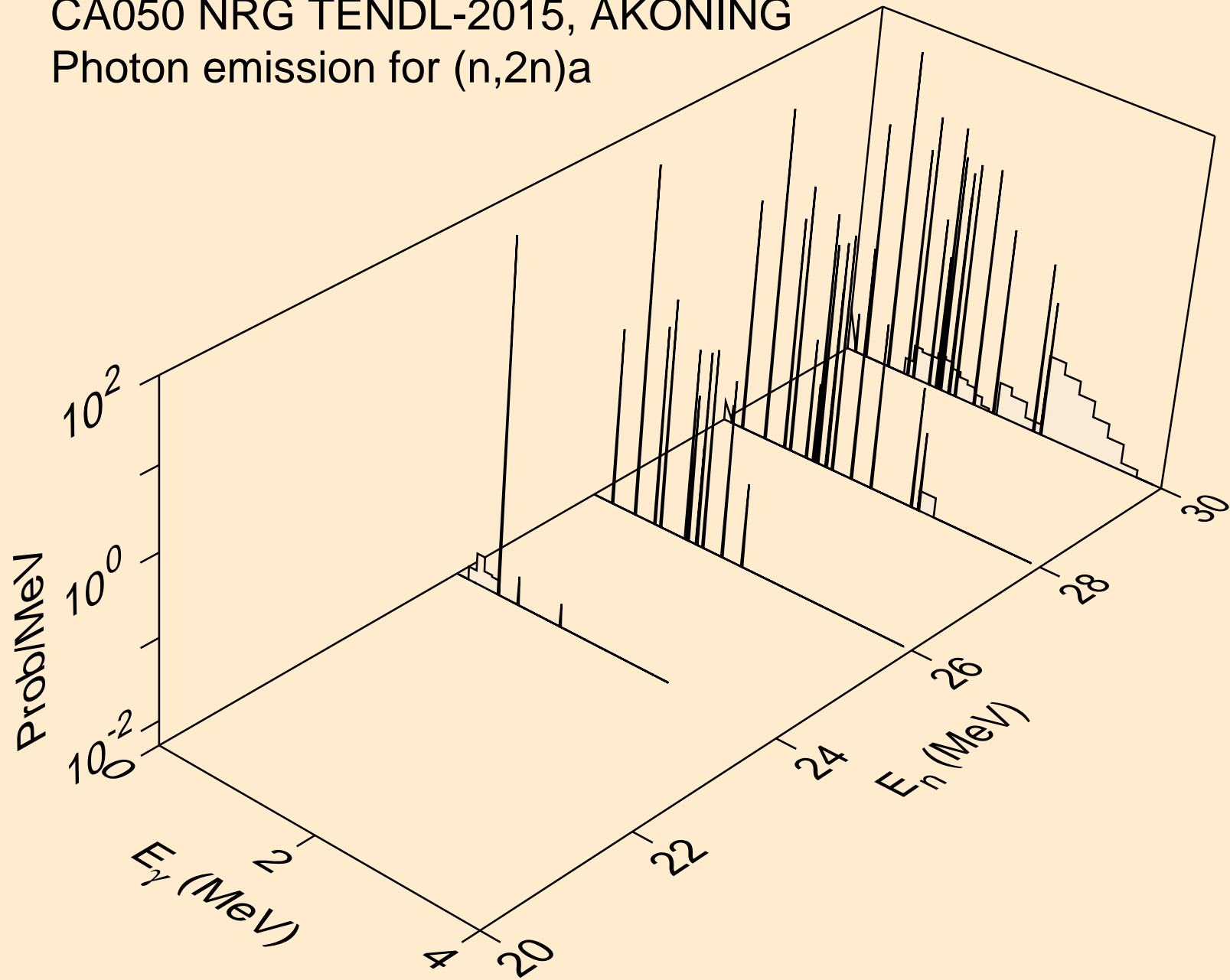
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

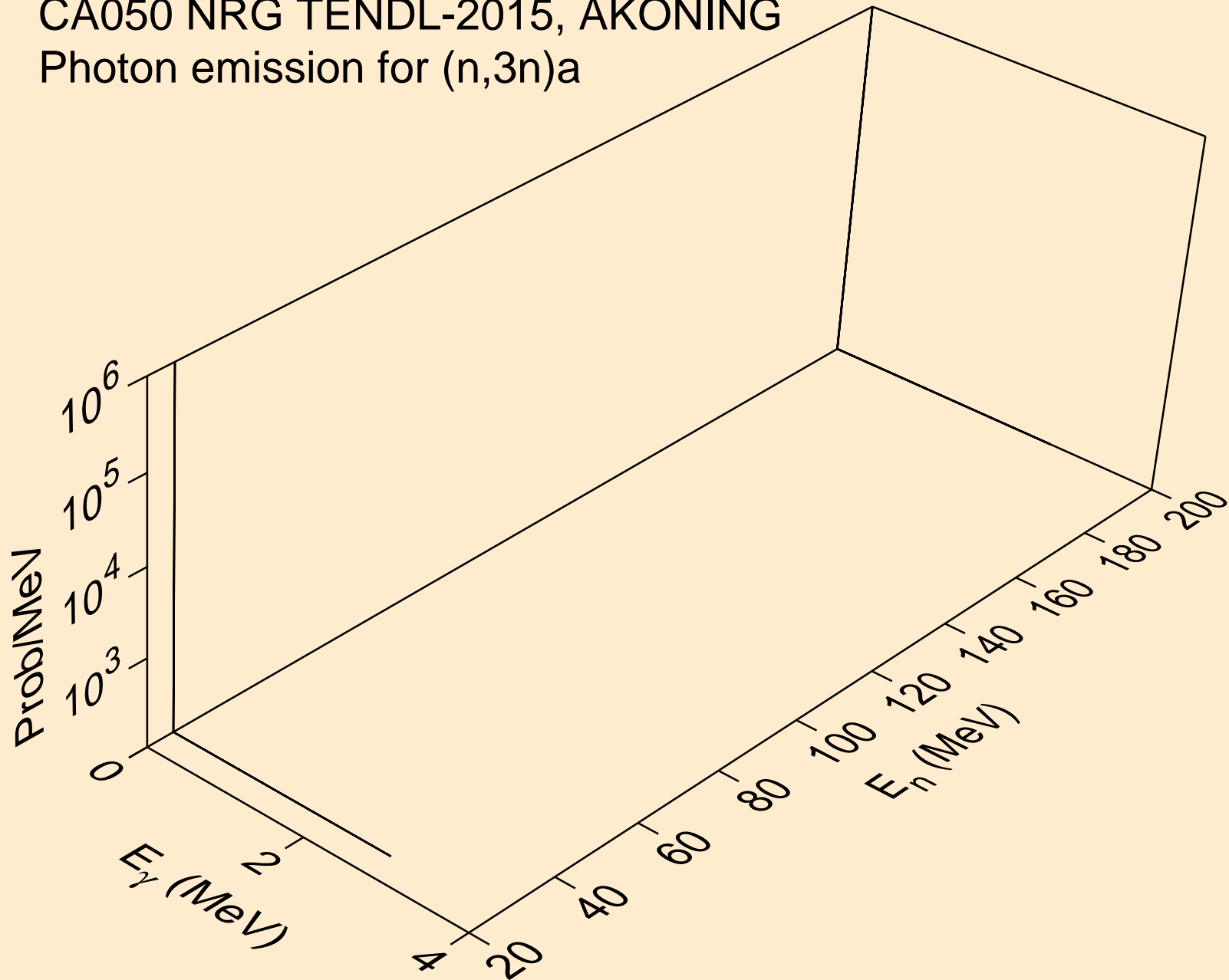


CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

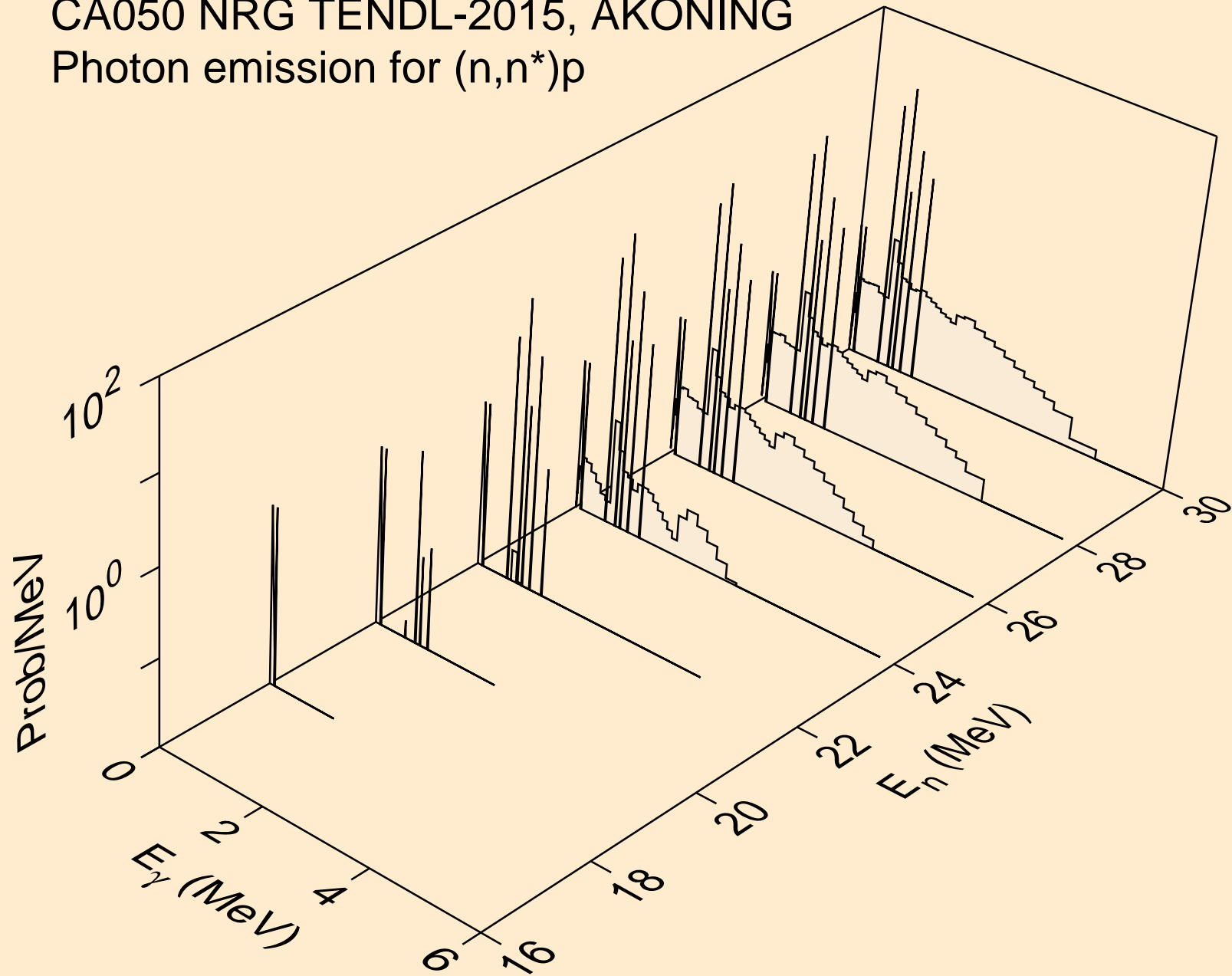




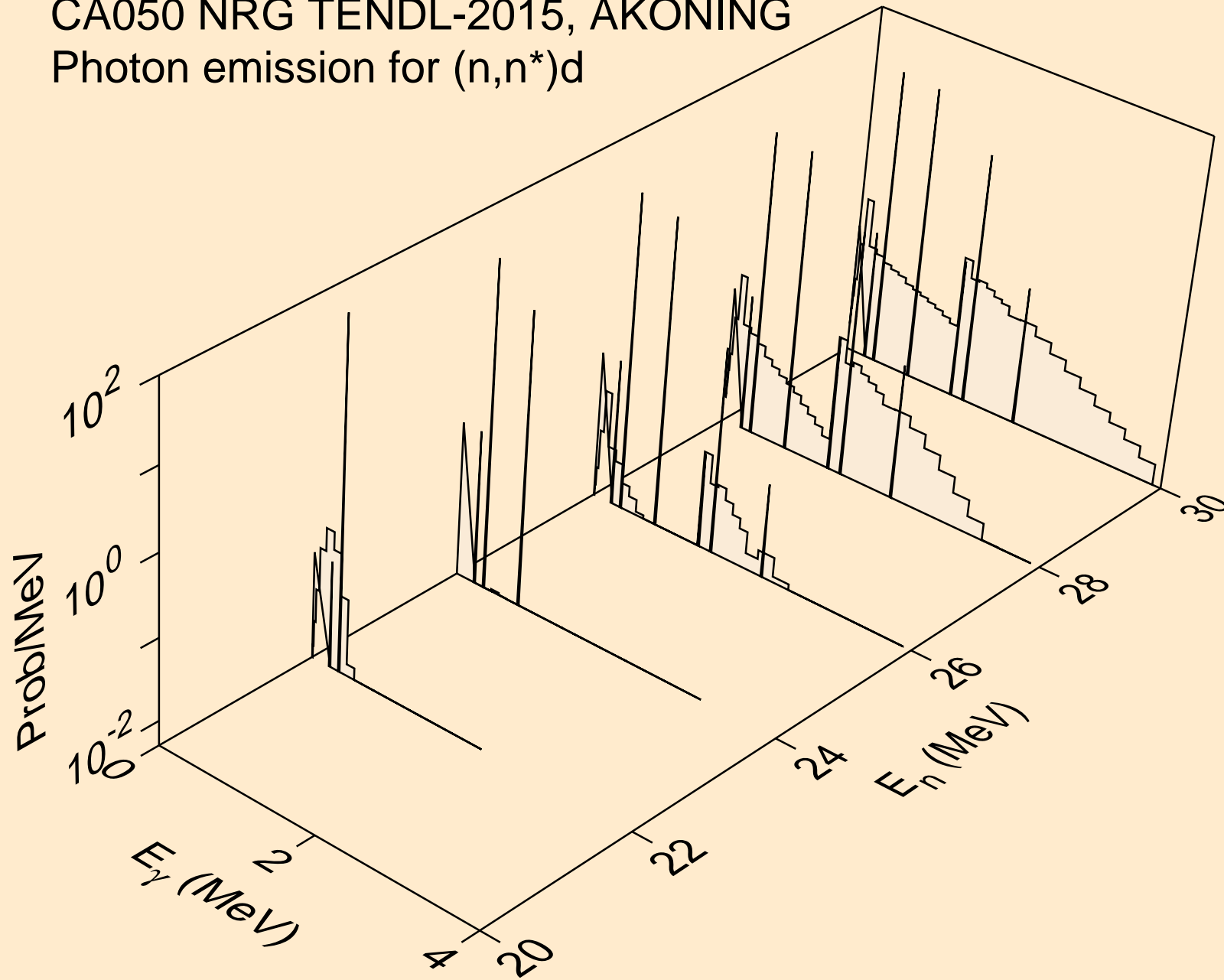
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



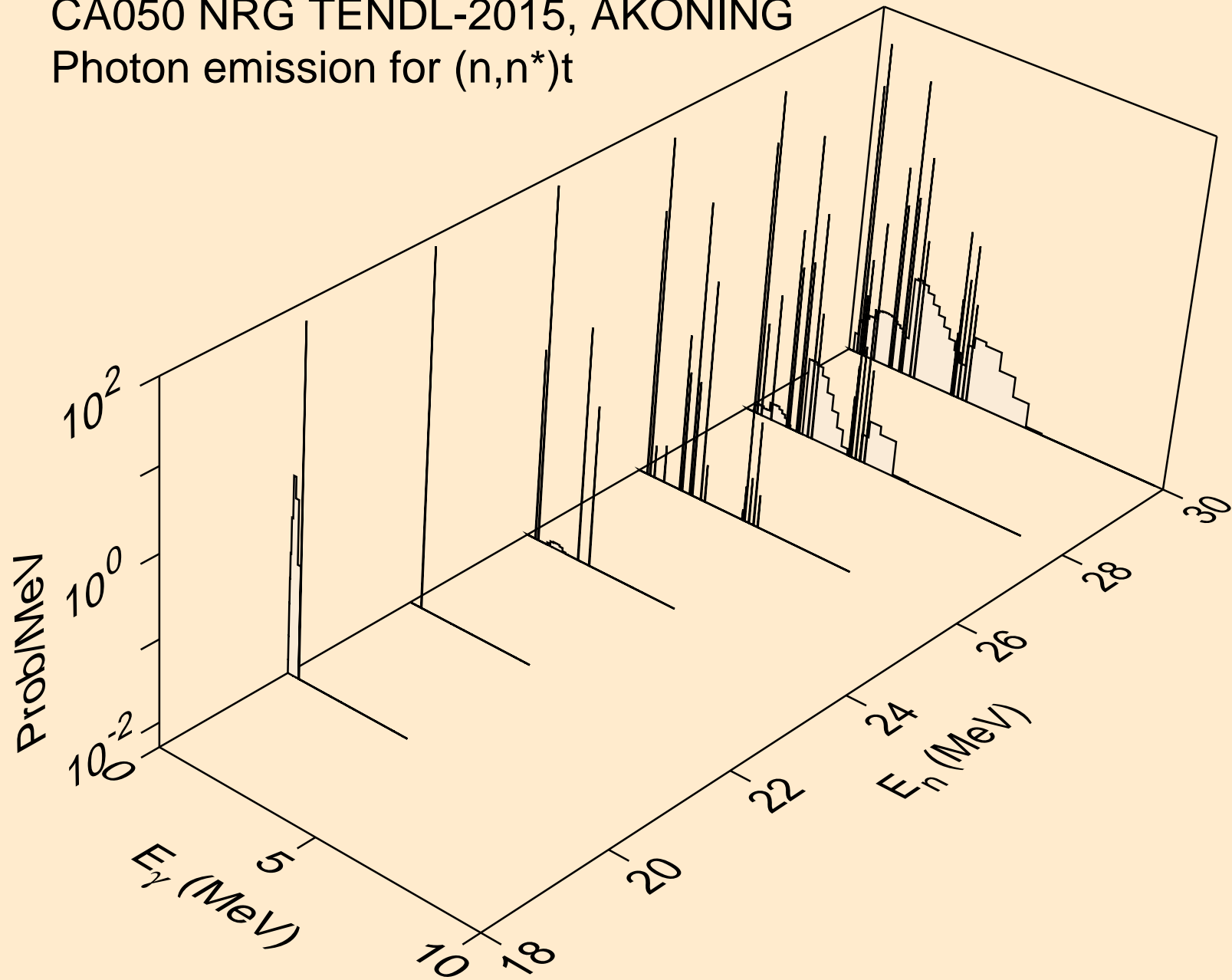
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



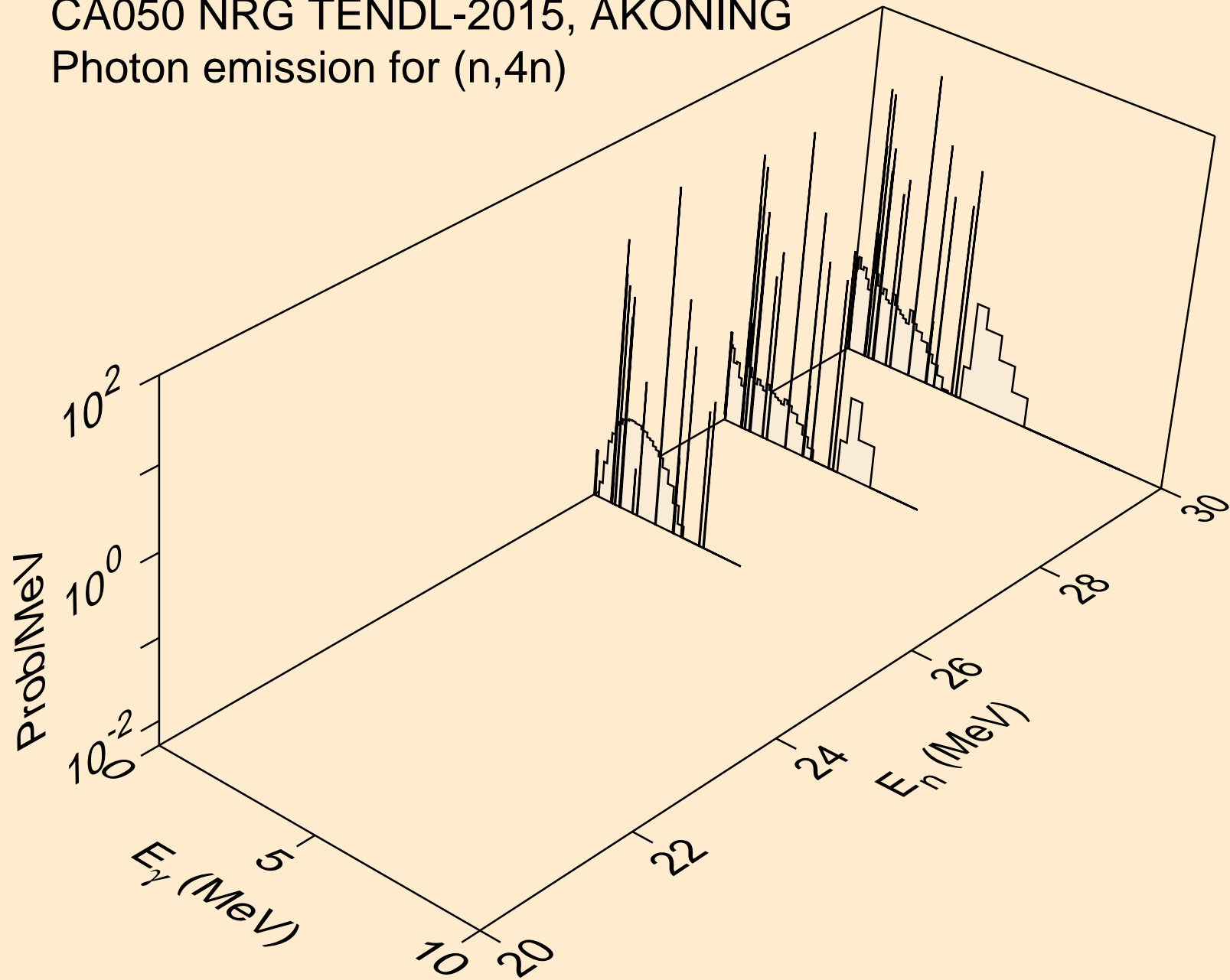
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



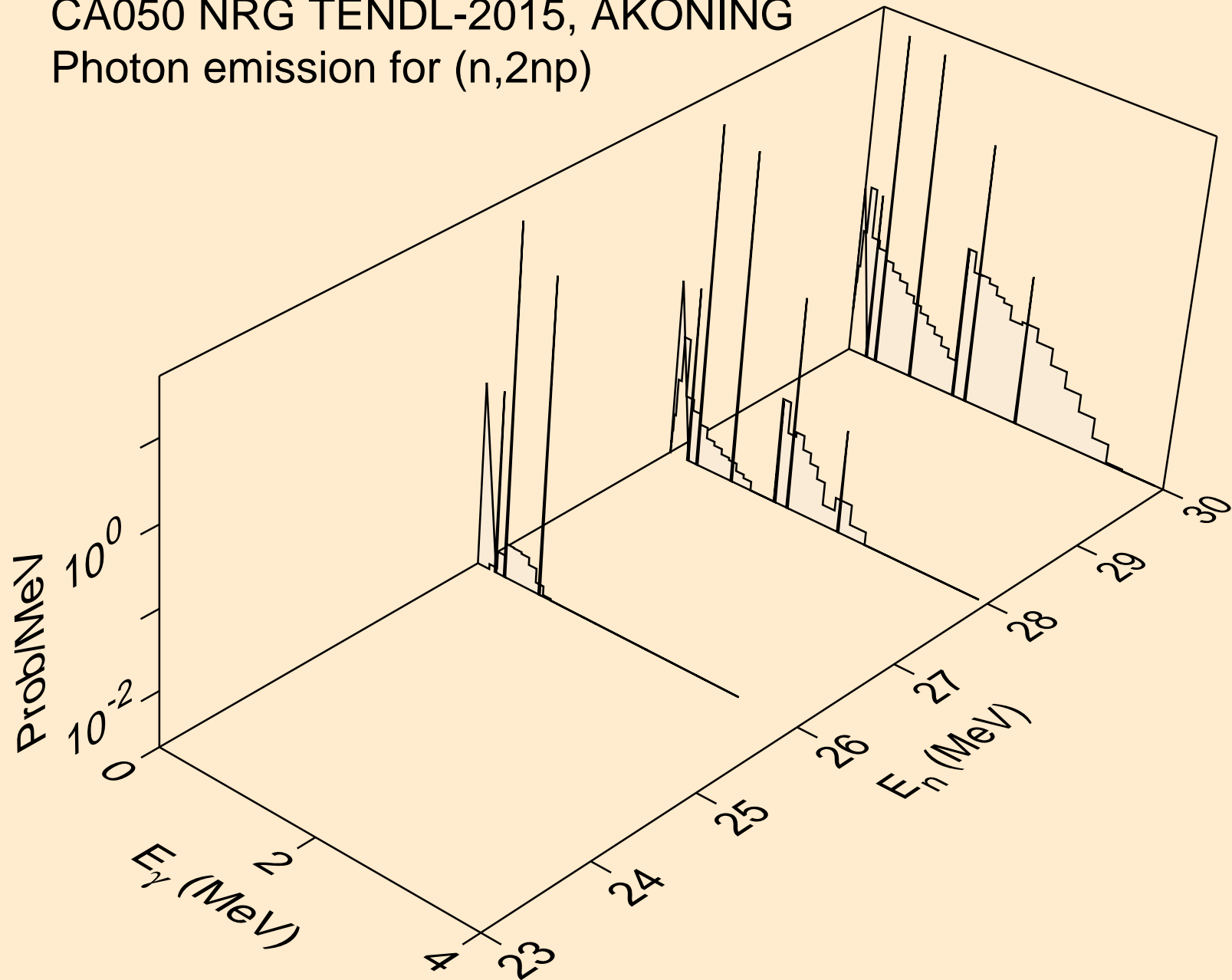
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



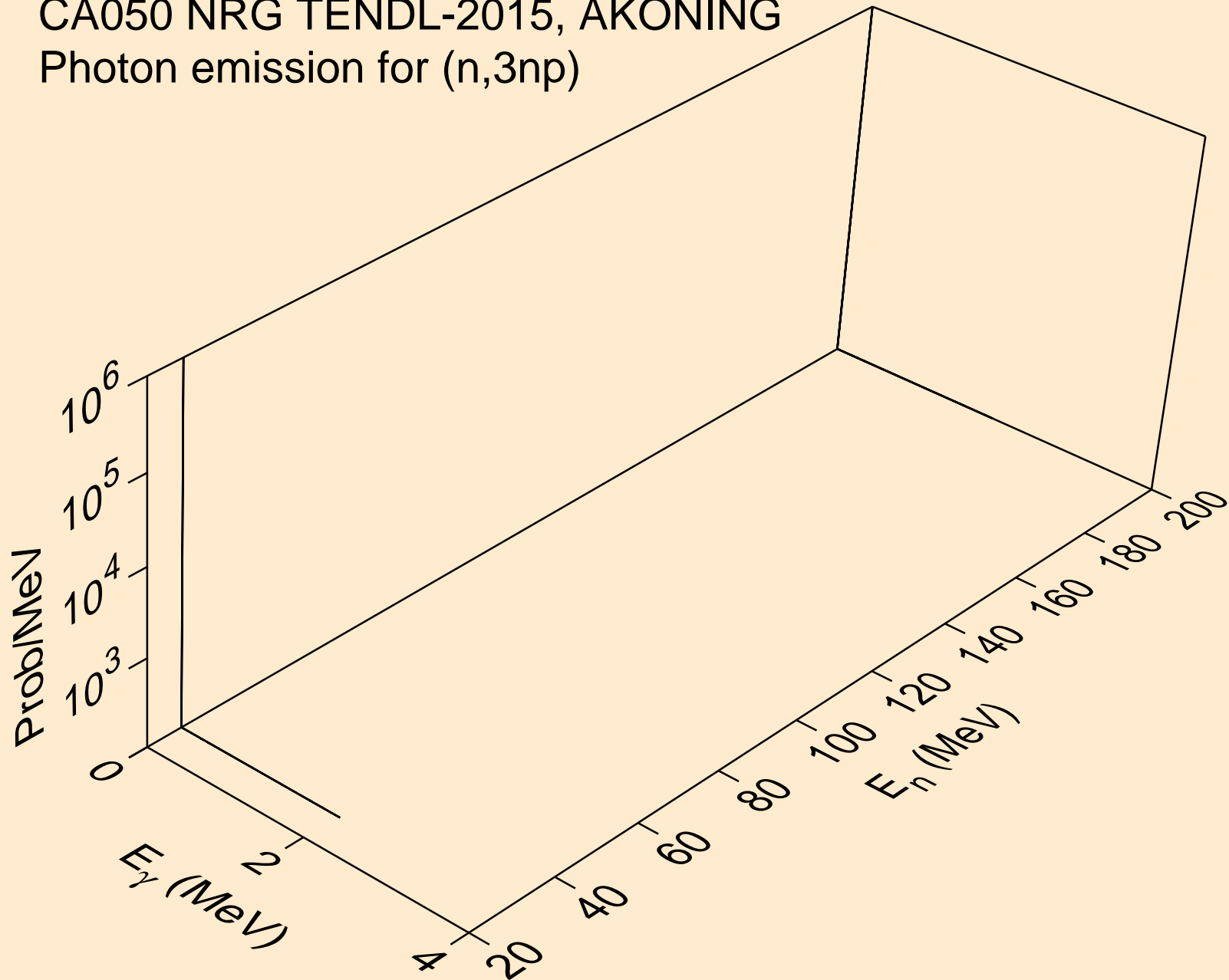
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



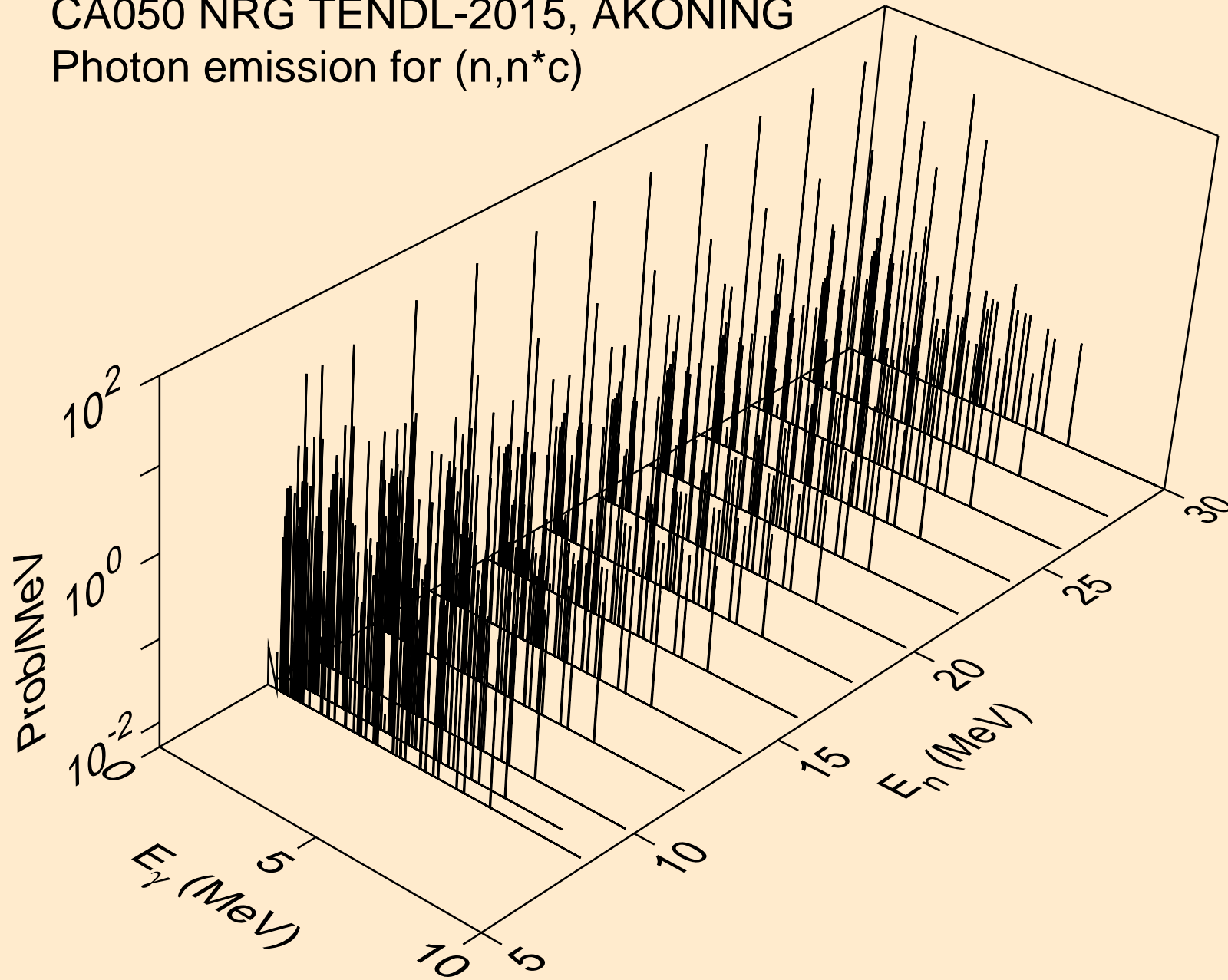
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

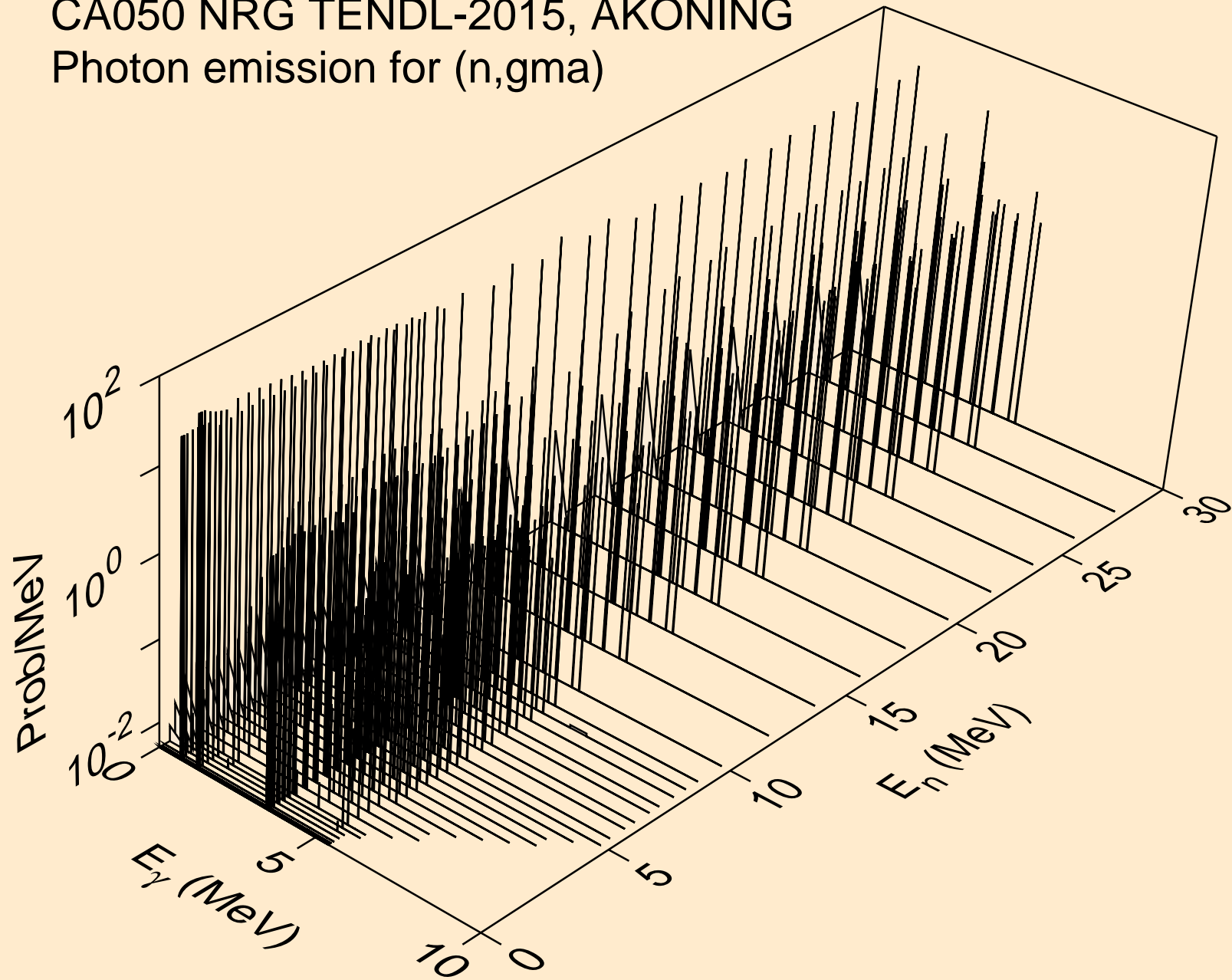


CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

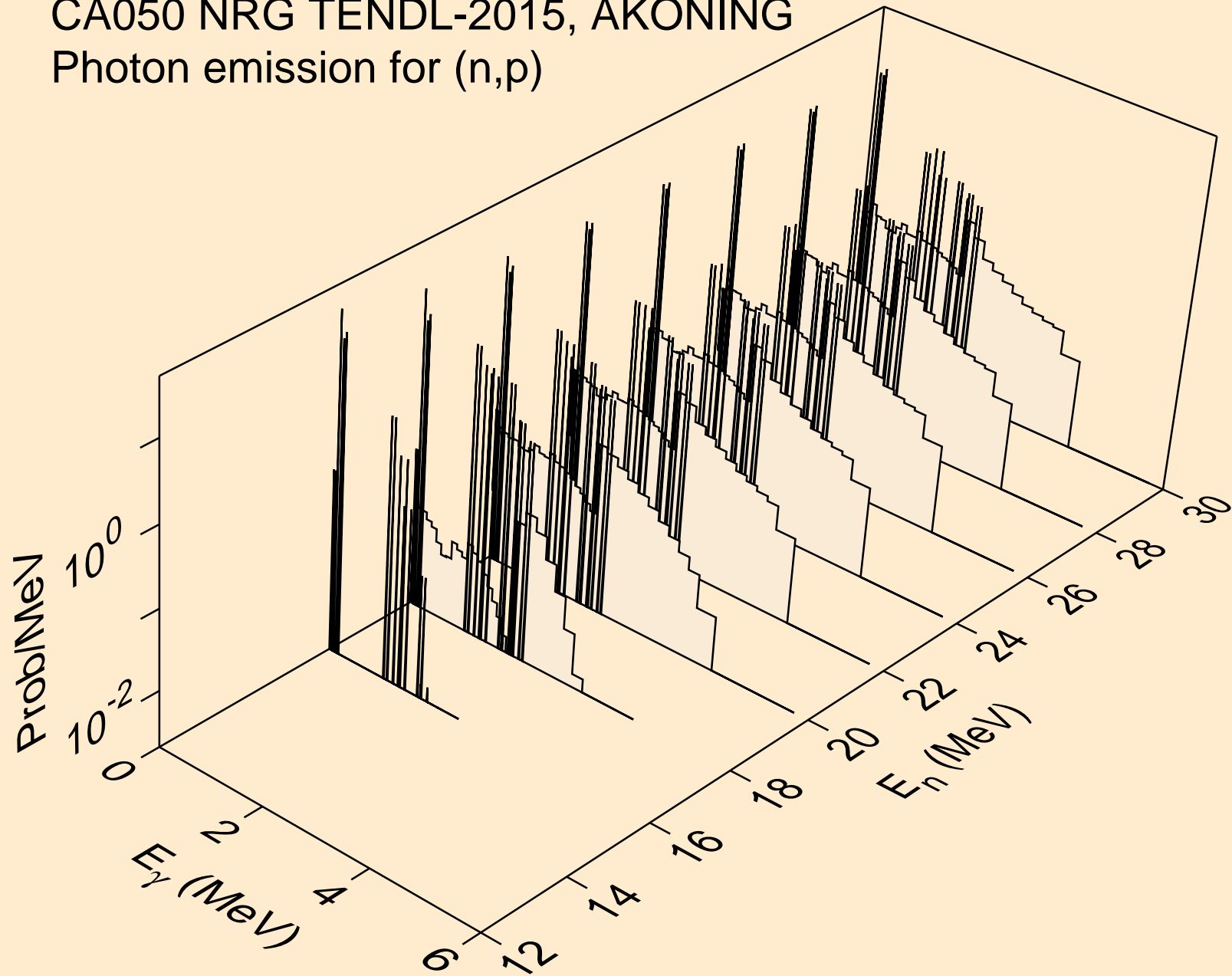




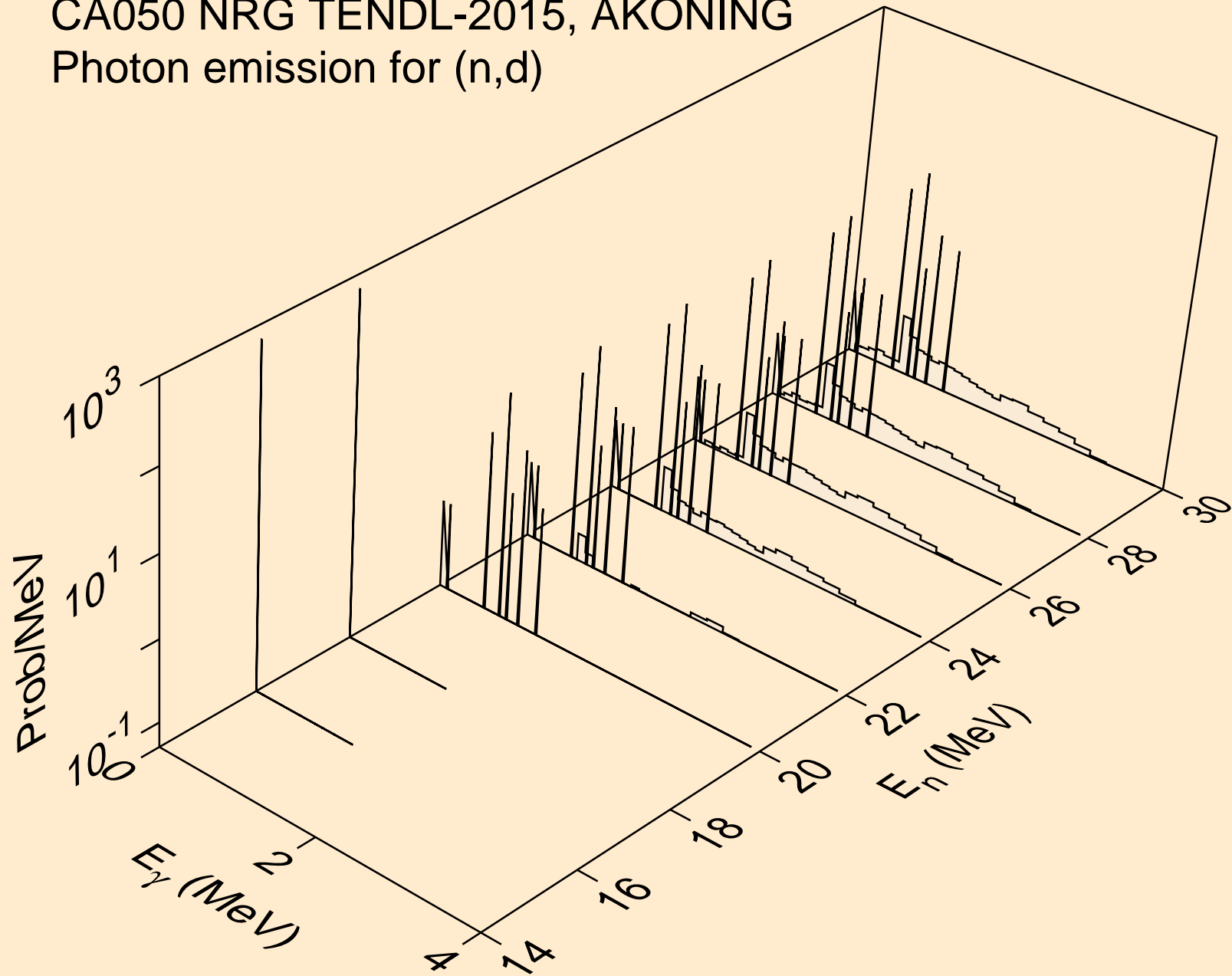
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



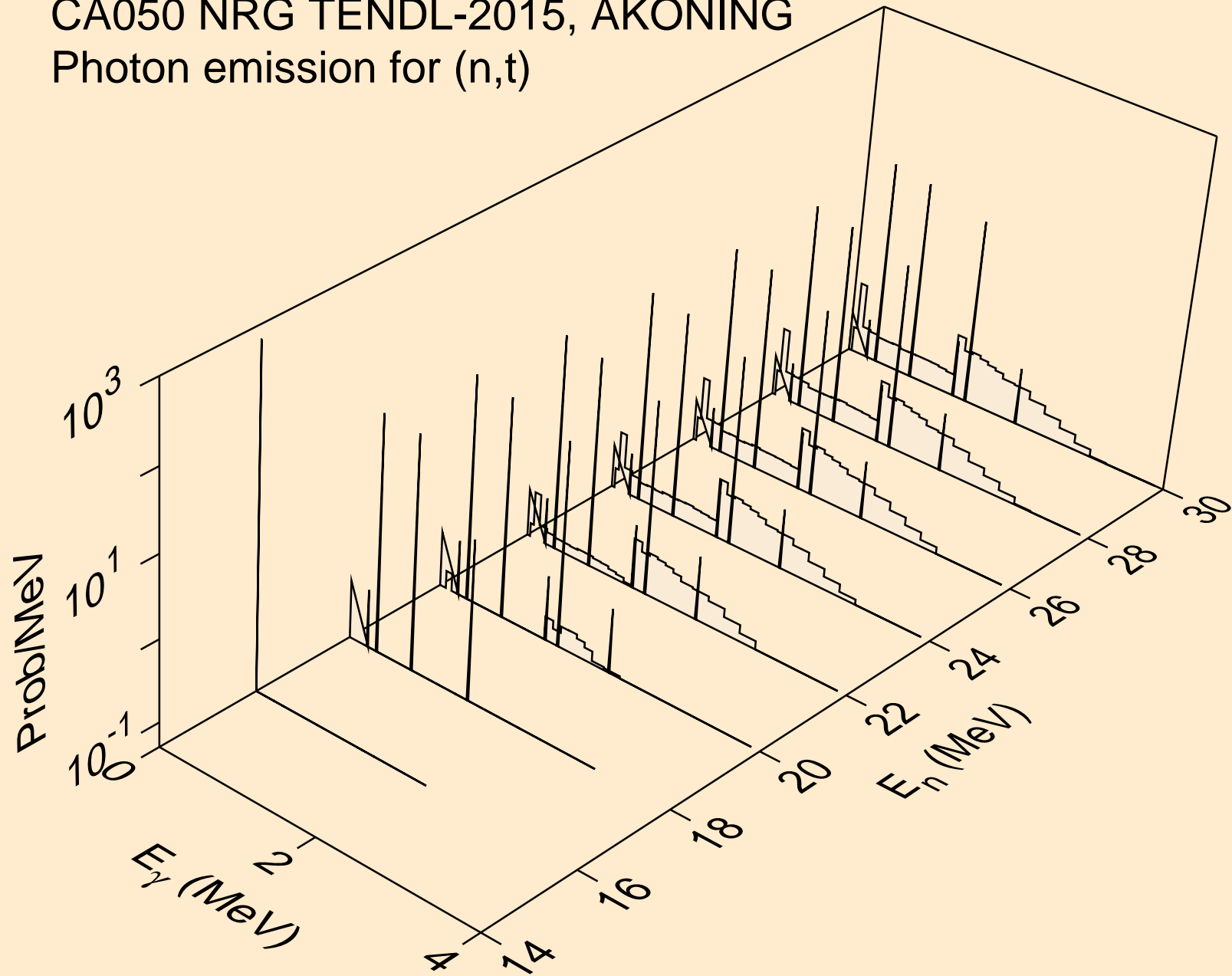
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



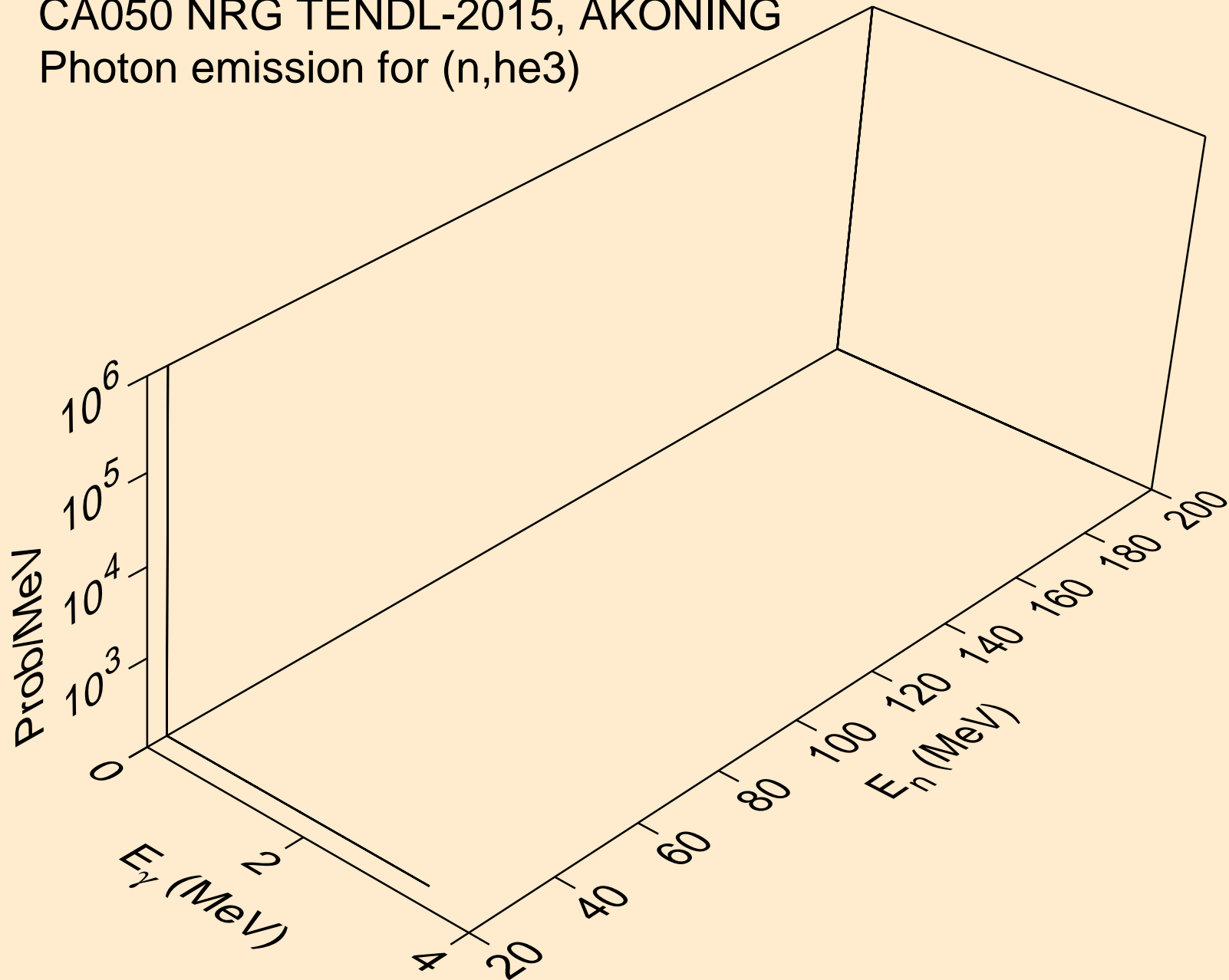
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



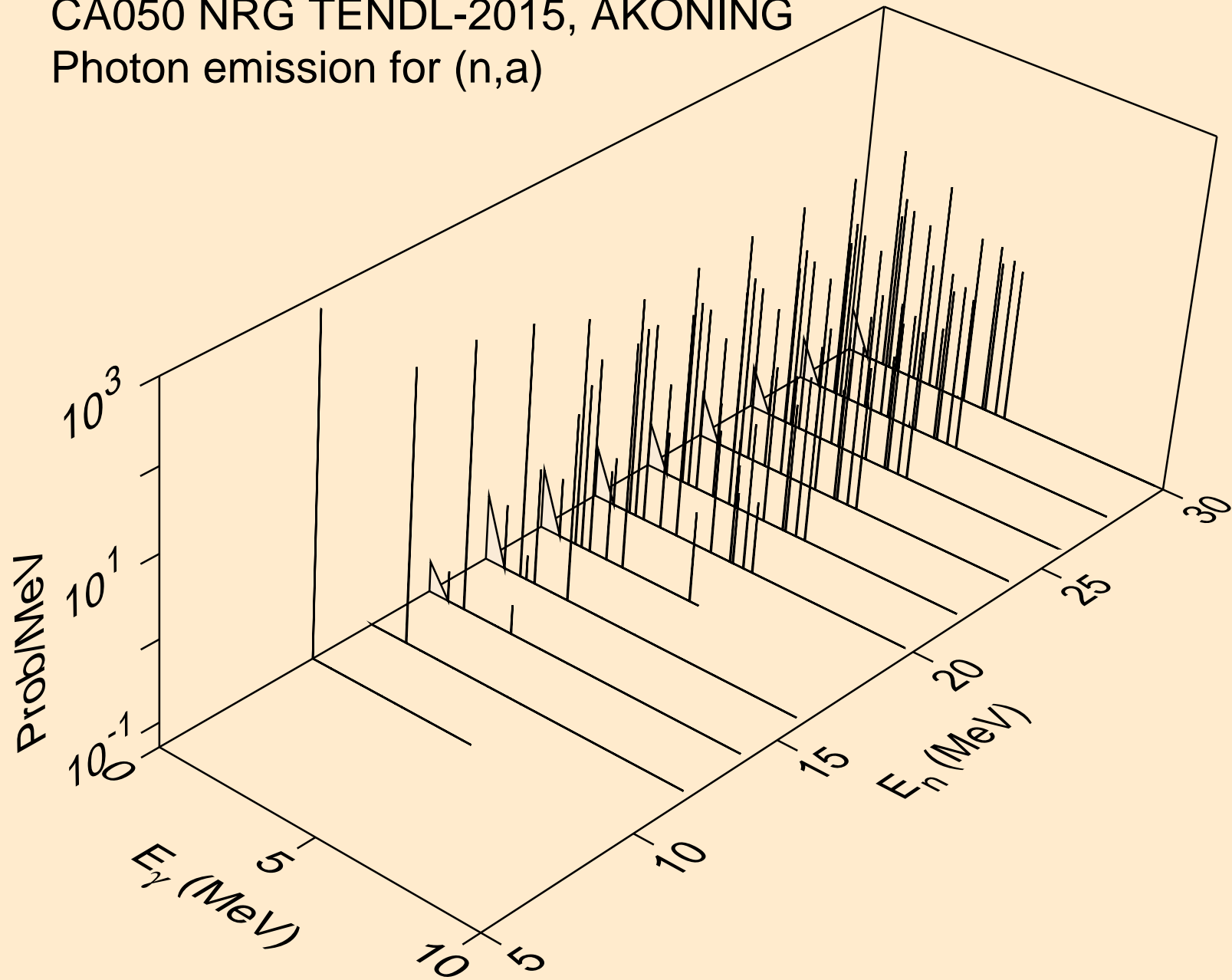
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



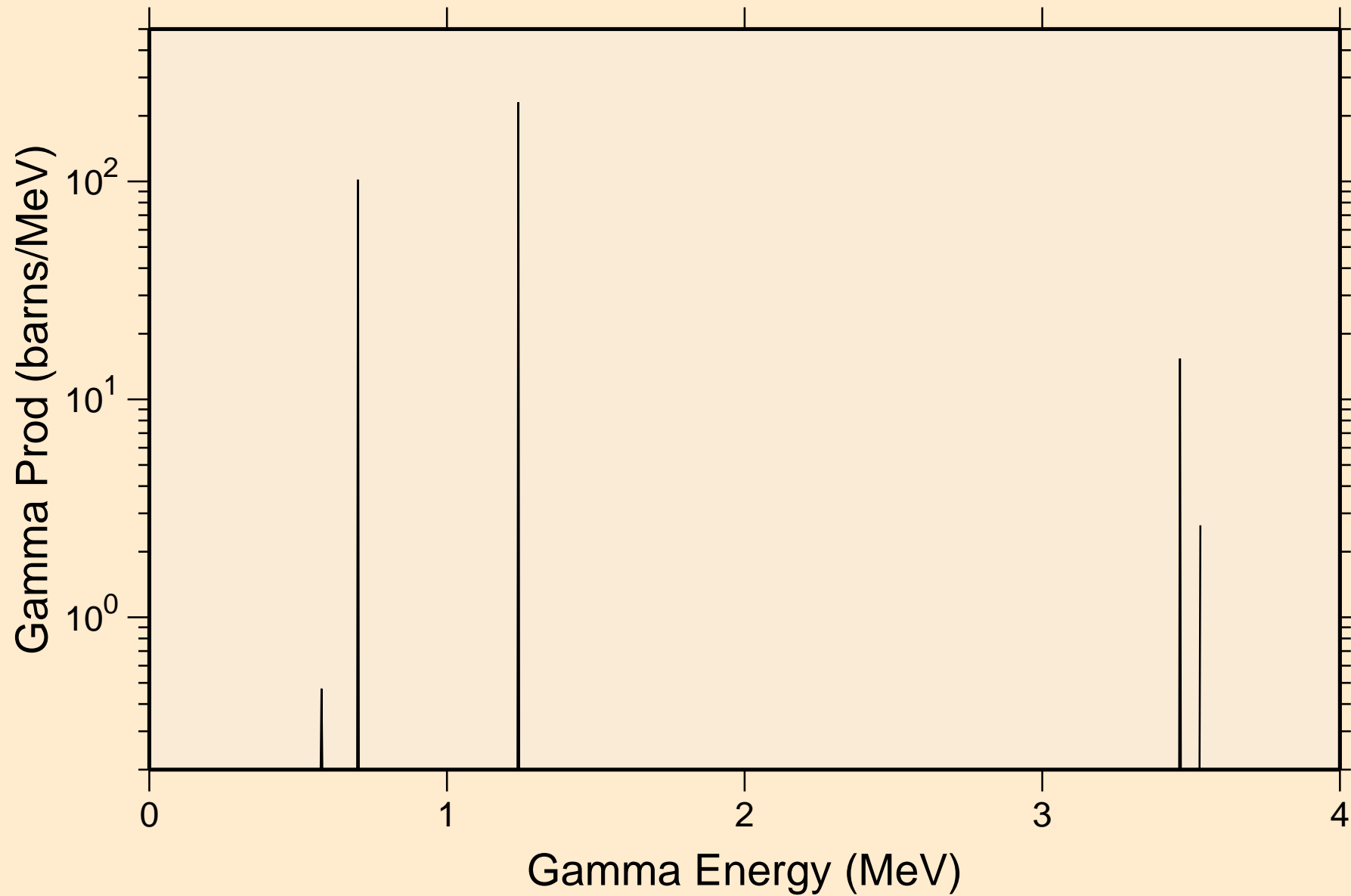
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



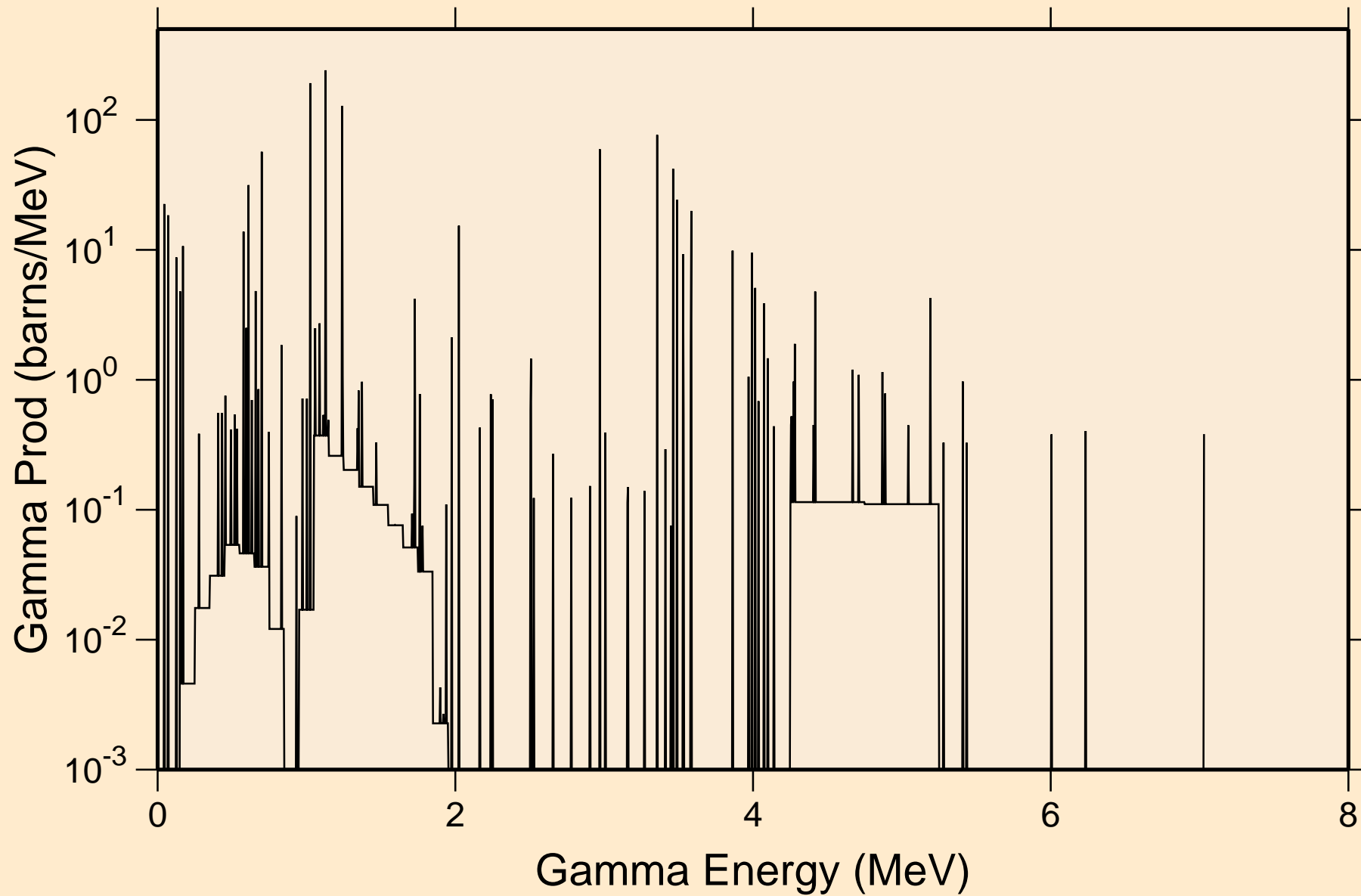
CA050 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



CA050 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



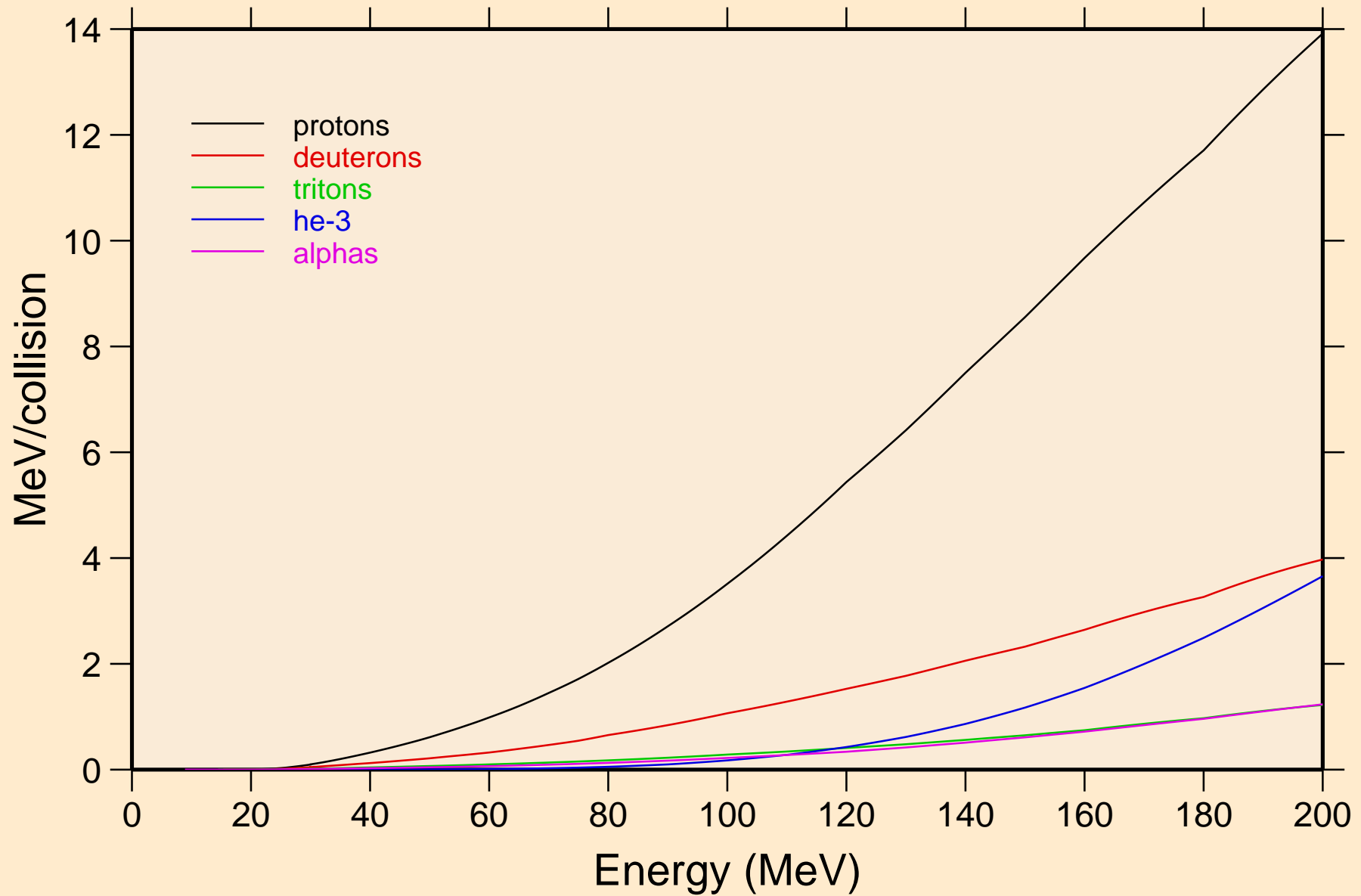
CA050 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





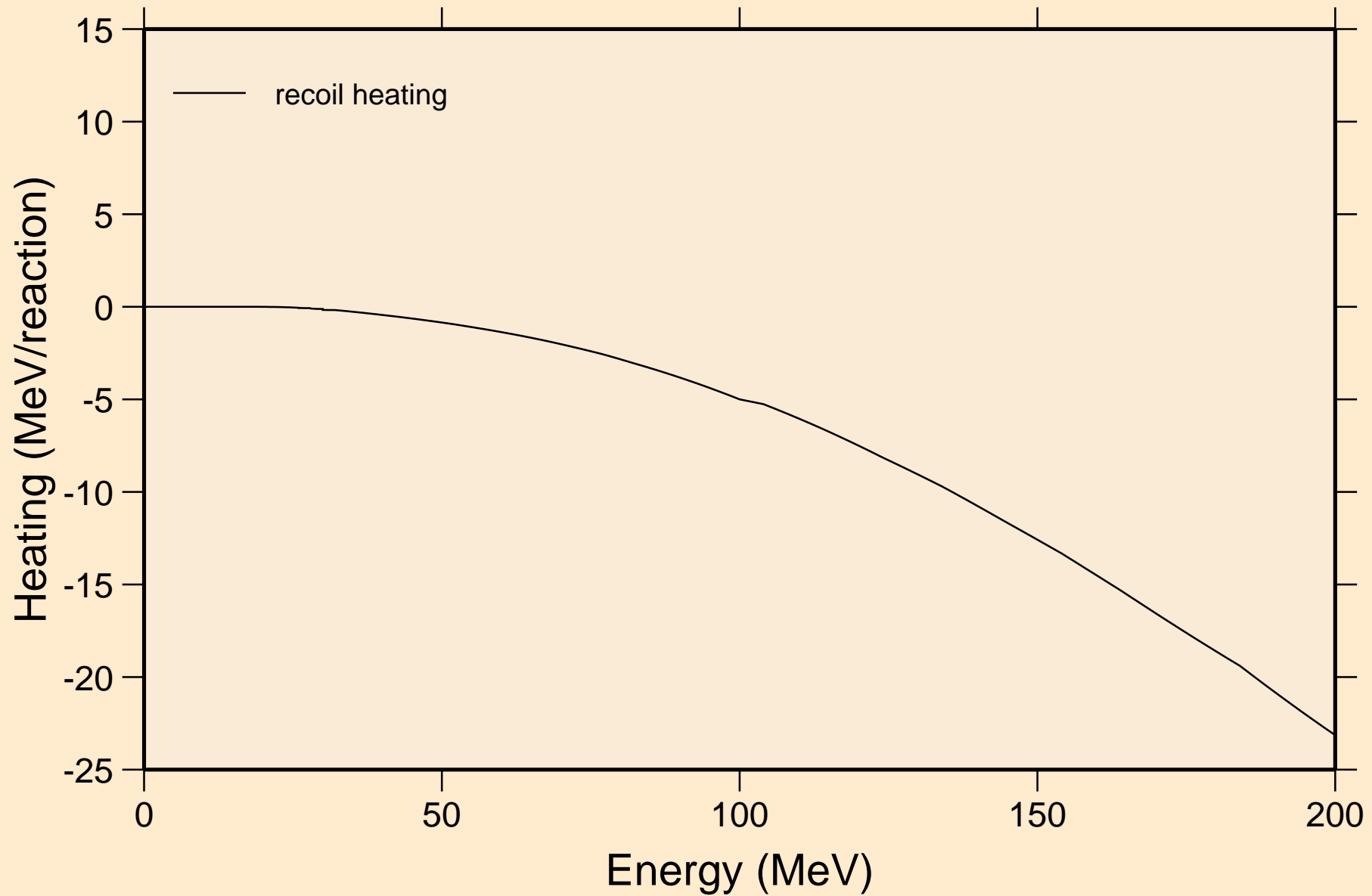
# CA050 NRG TENDL-2015, AKONING

## Particle heating contributions



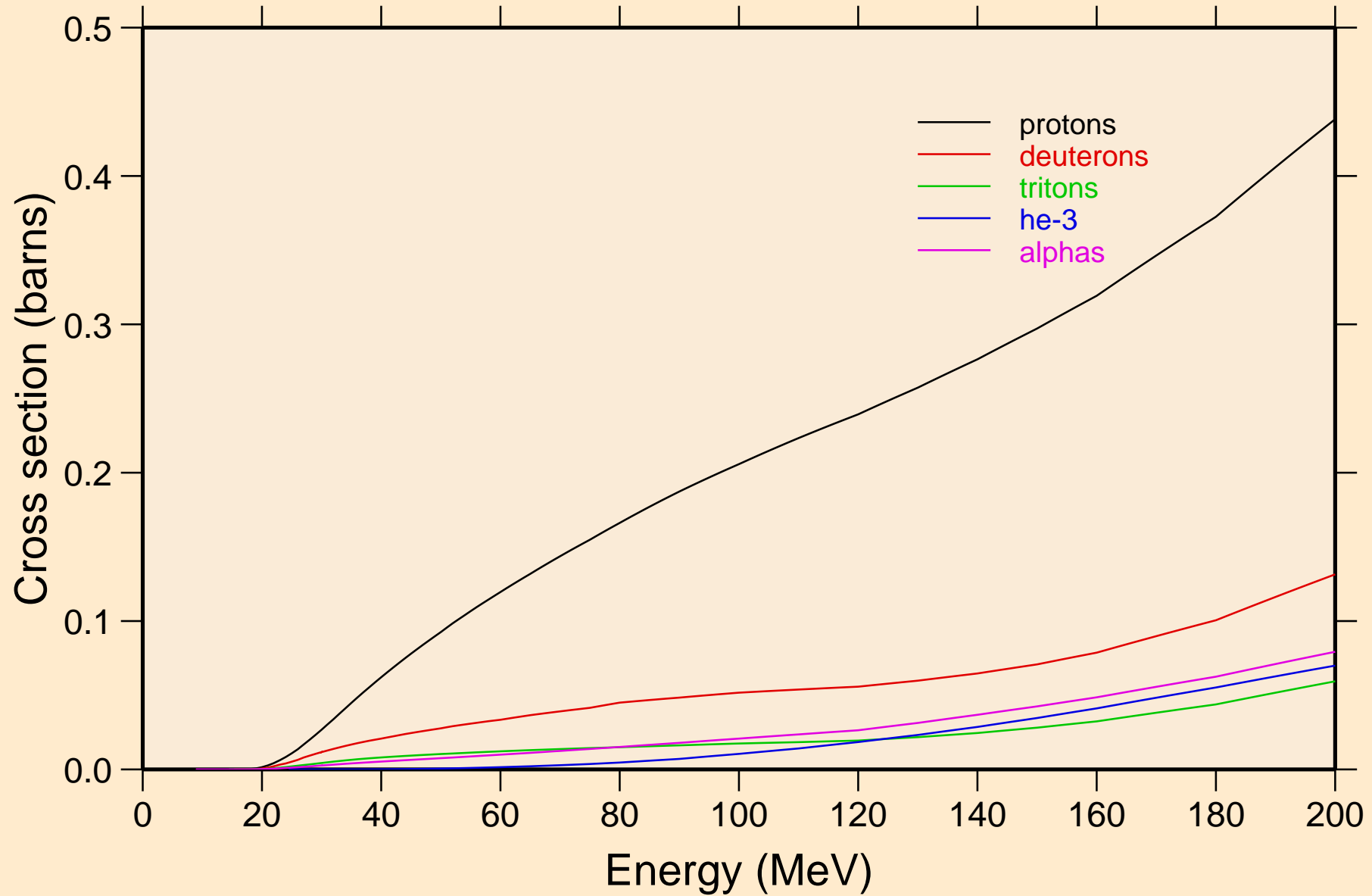
# CA050 NRG TENDL-2015, AKONING

## Recoil Heating

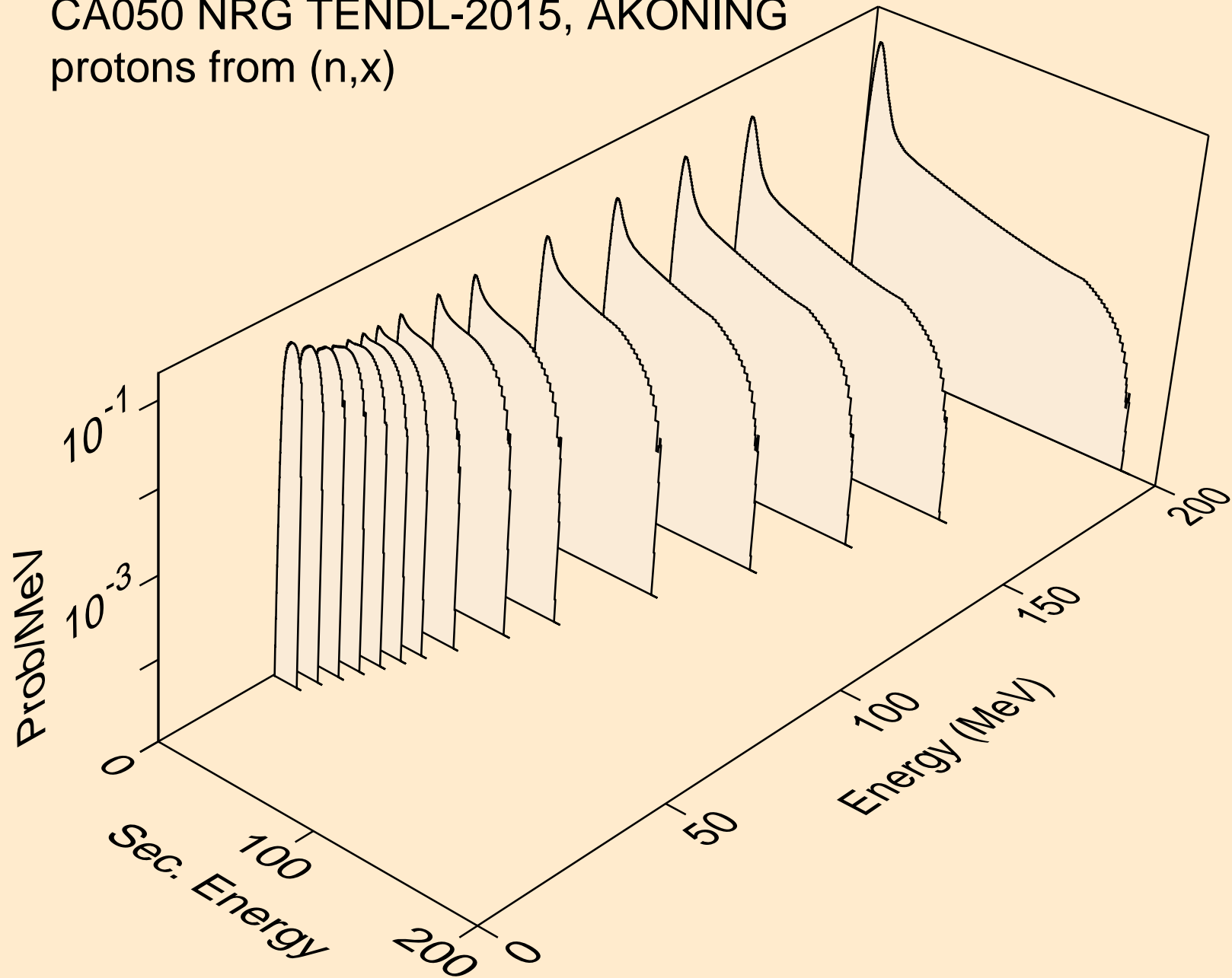


# CA050 NRG TENDL-2015, AKONING

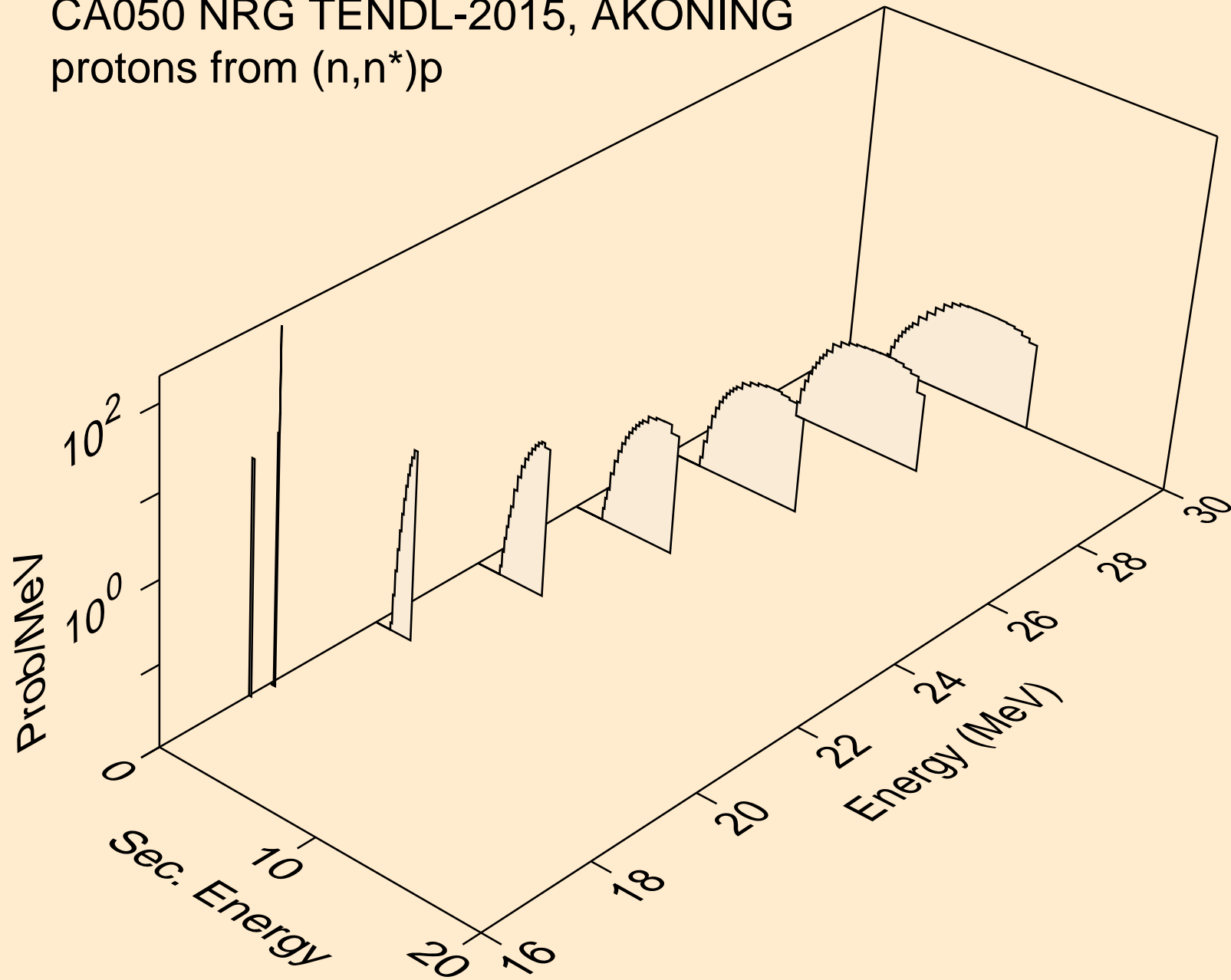
## Particle production cross sections



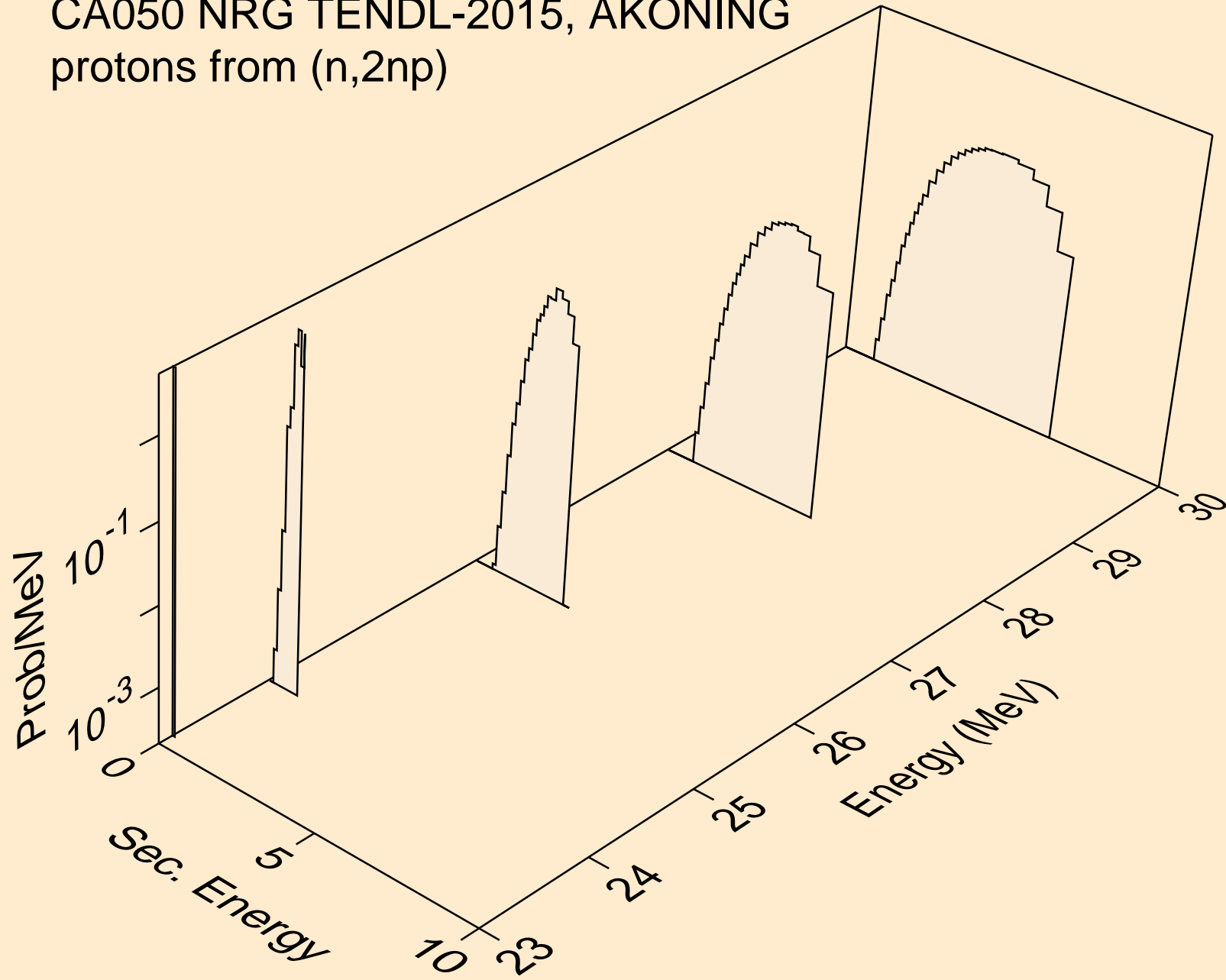
CA050 NRG TENDL-2015, AKONING  
protons from (n,x)



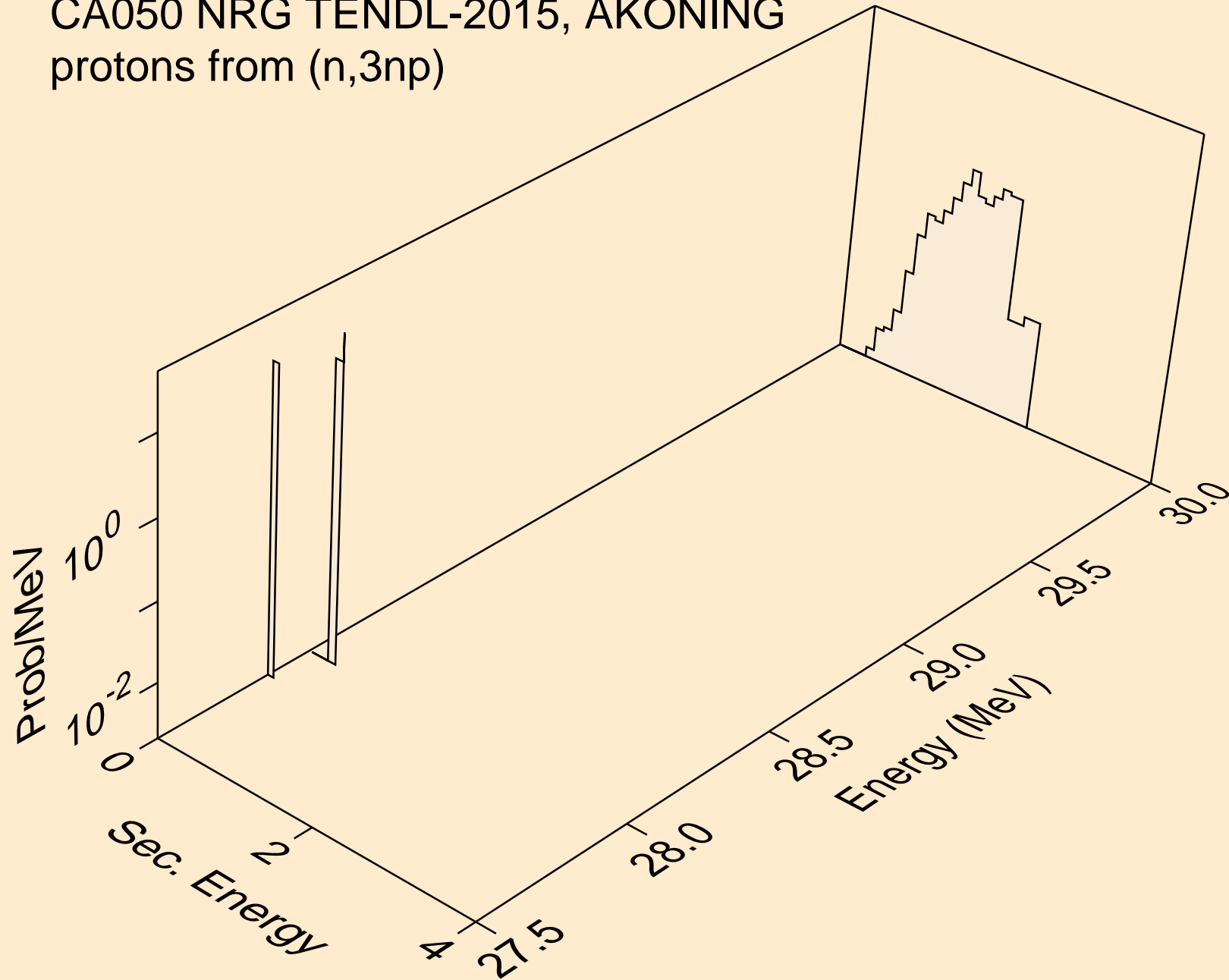
CA050 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



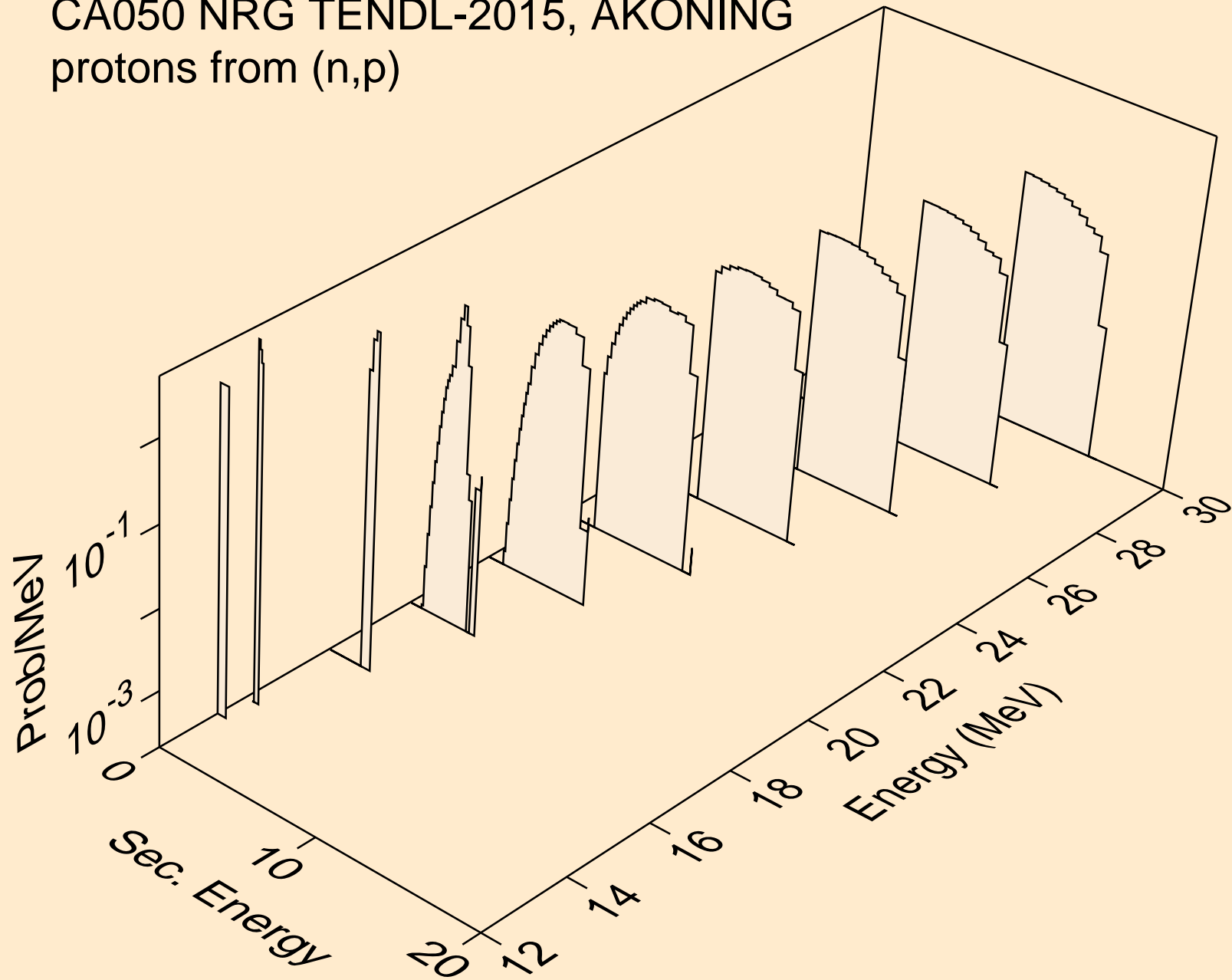
CA050 NRG TENDL-2015, AKONING  
protons from (n,2np)



CA050 NRG TENDL-2015, AKONING  
protons from (n,3np)

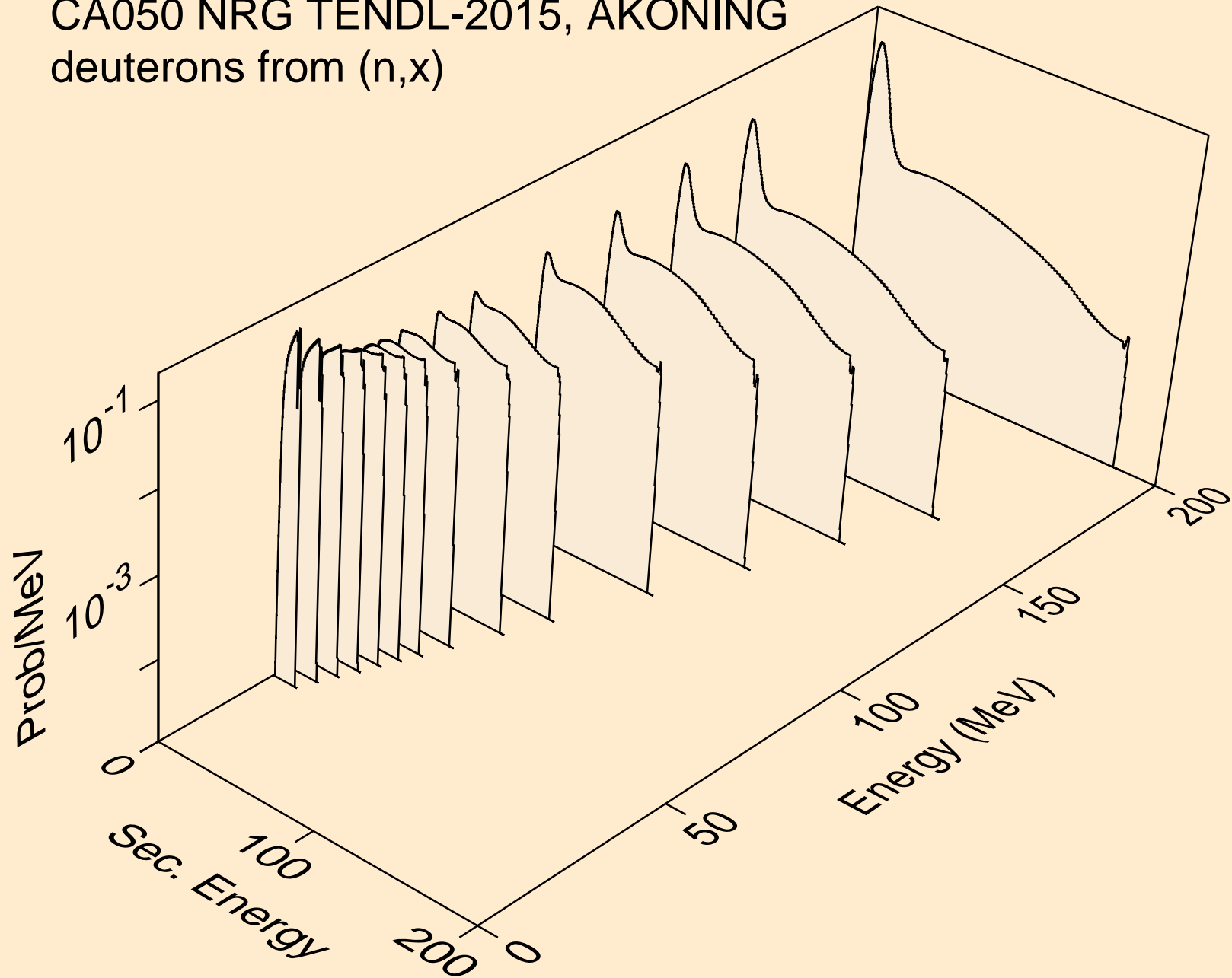


CA050 NRG TENDL-2015, AKONING  
protons from (n,p)

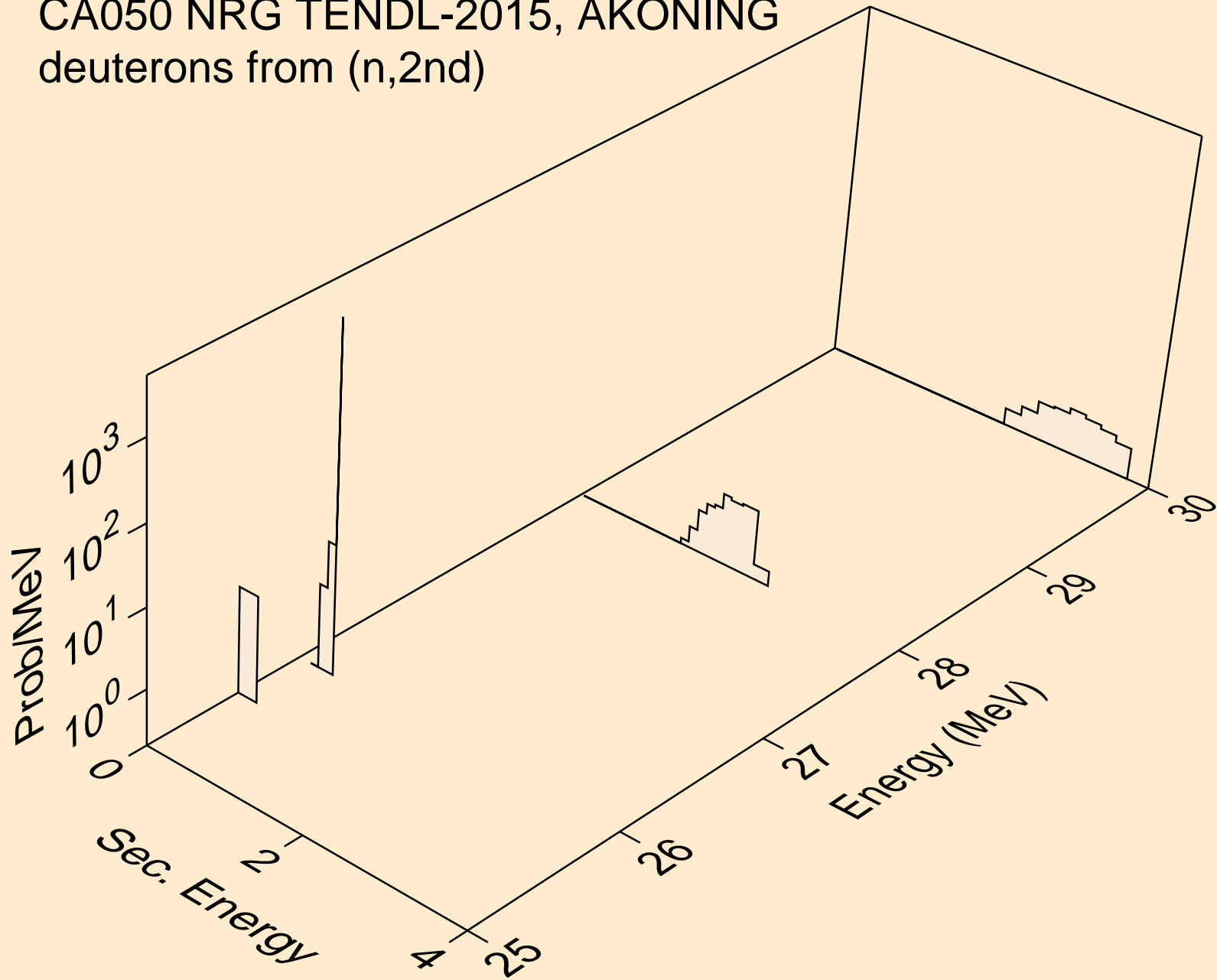




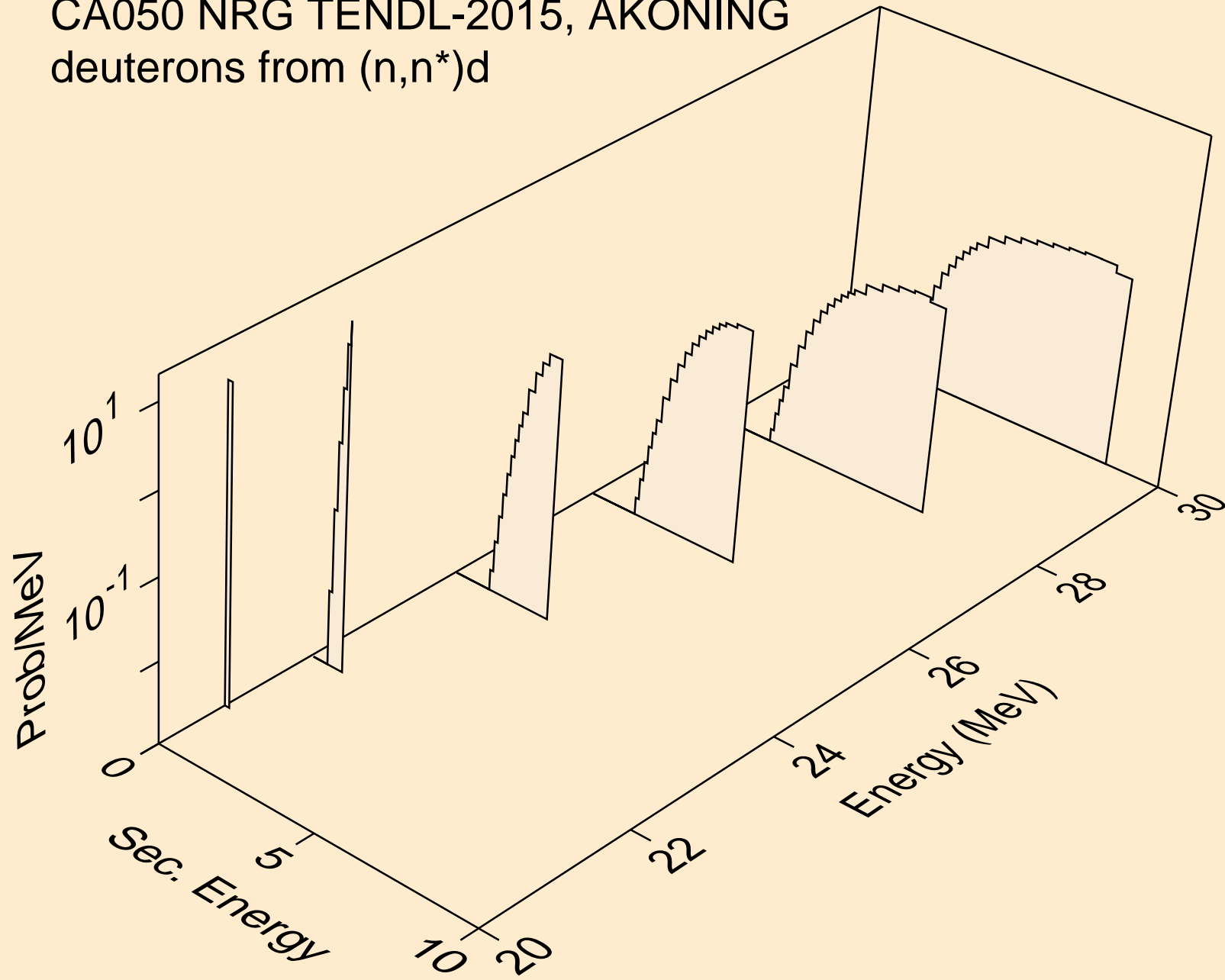
CA050 NRG TENDL-2015, AKONING  
deuterons from (n,x)



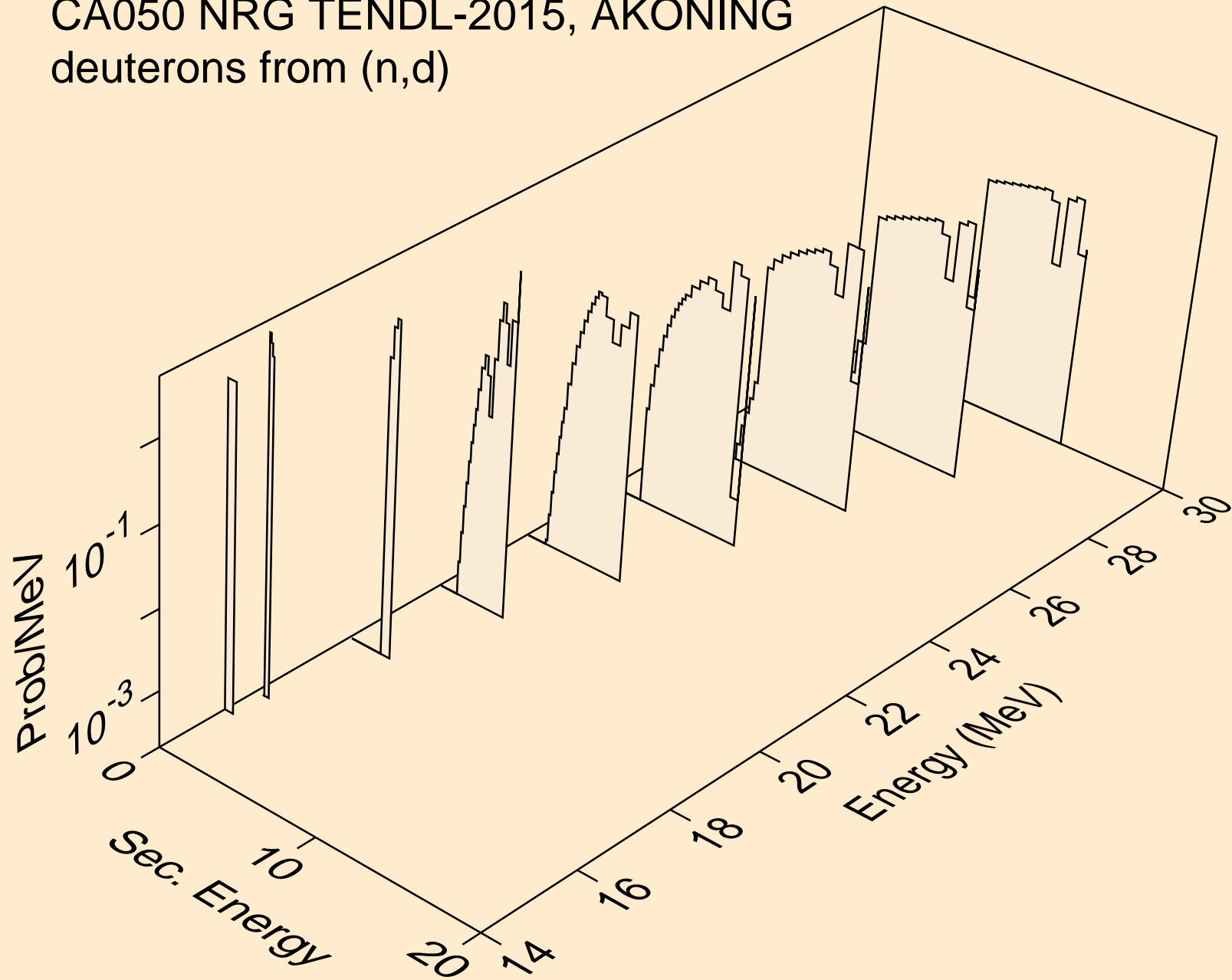
CA050 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



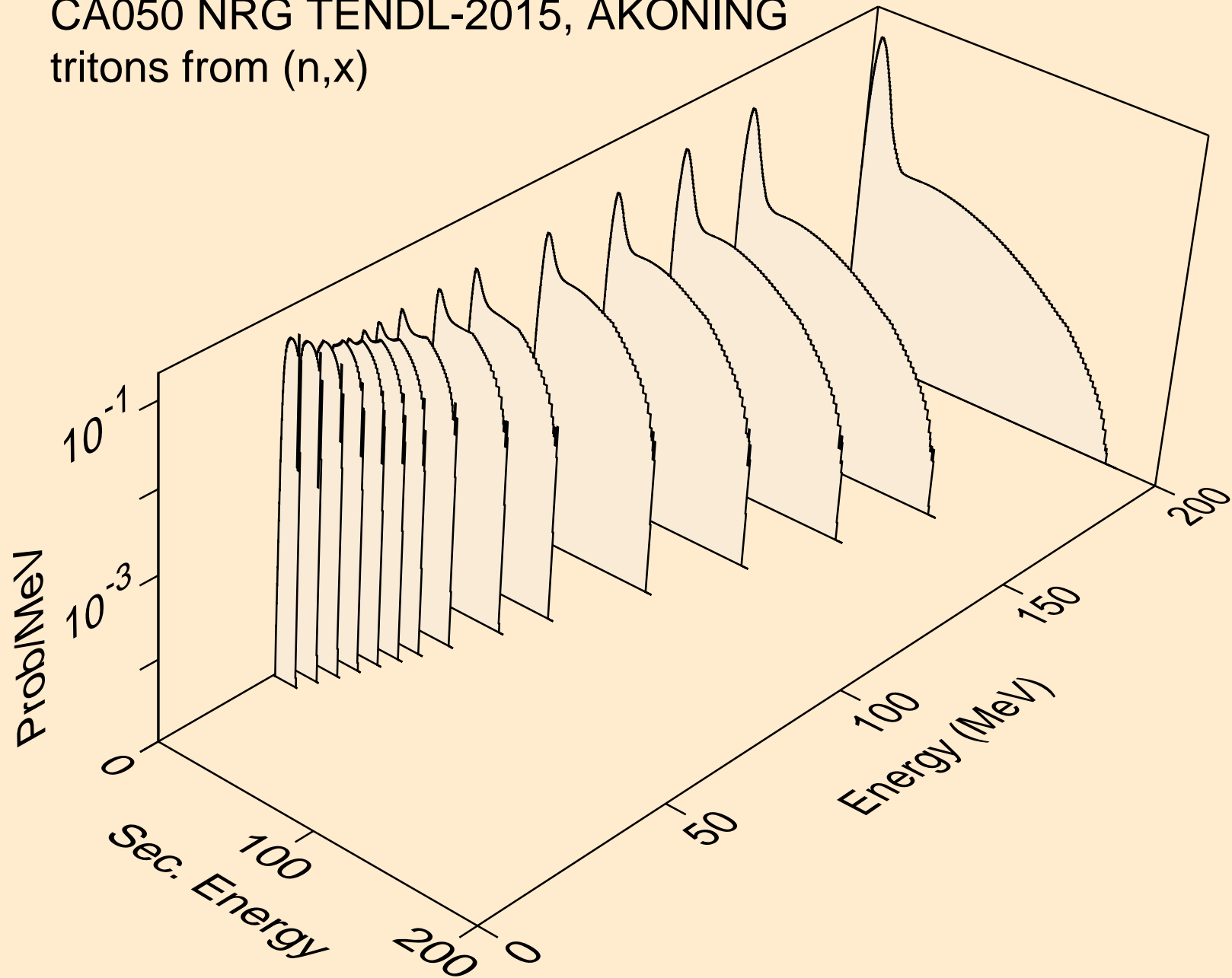
CA050 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



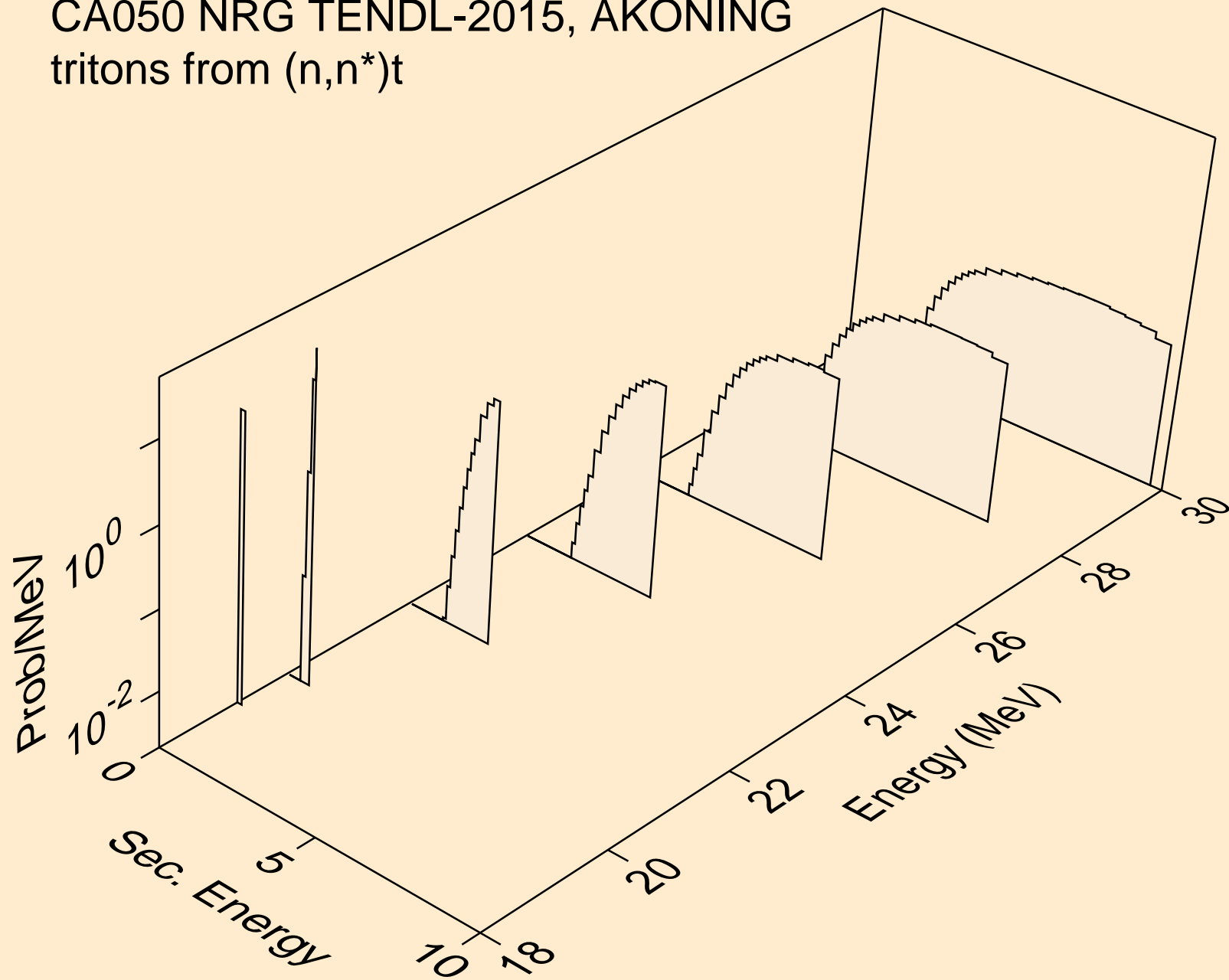
CA050 NRG TENDL-2015, AKONING  
deuterons from (n,d)



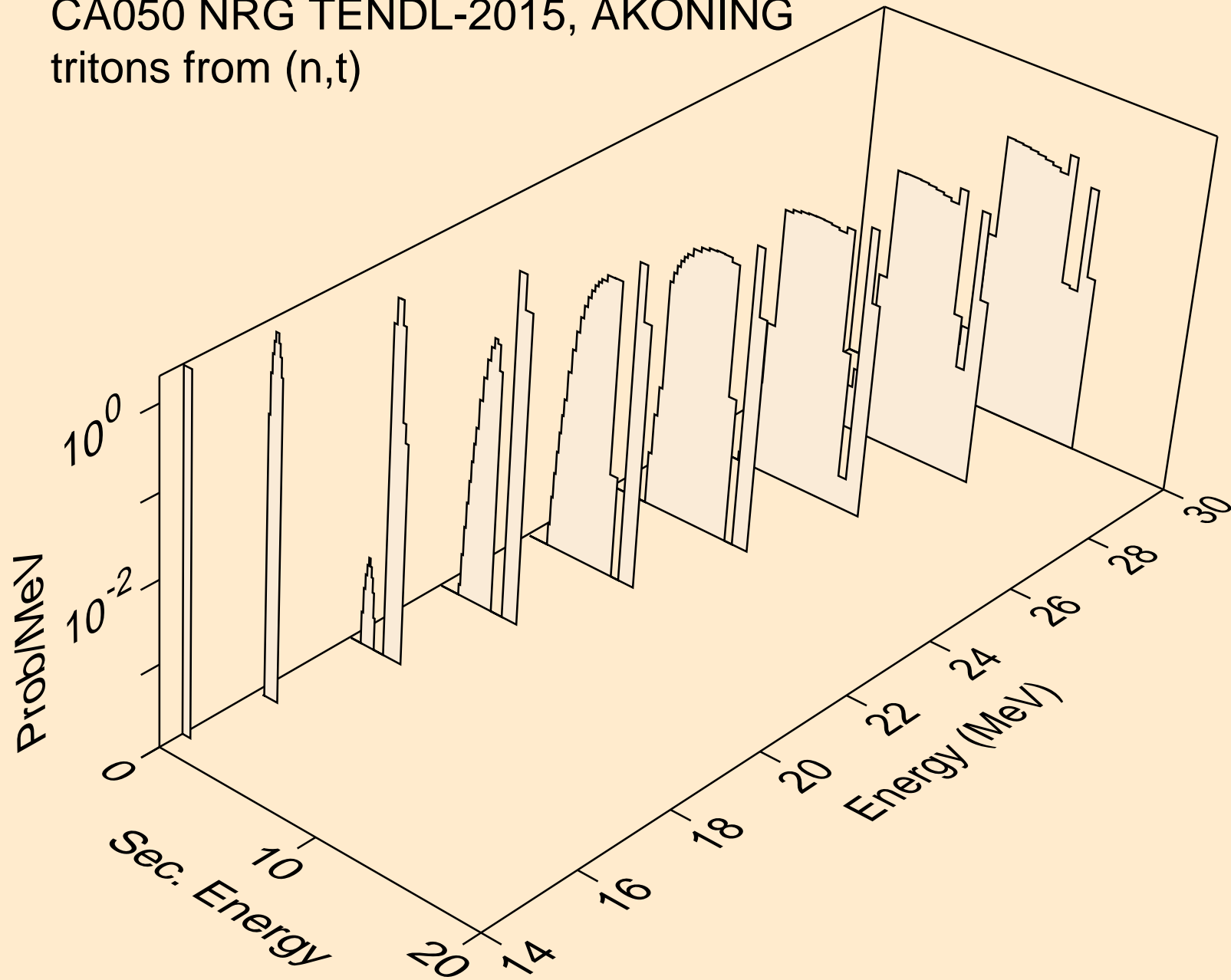
CA050 NRG TENDL-2015, AKONING  
tritons from (n,x)



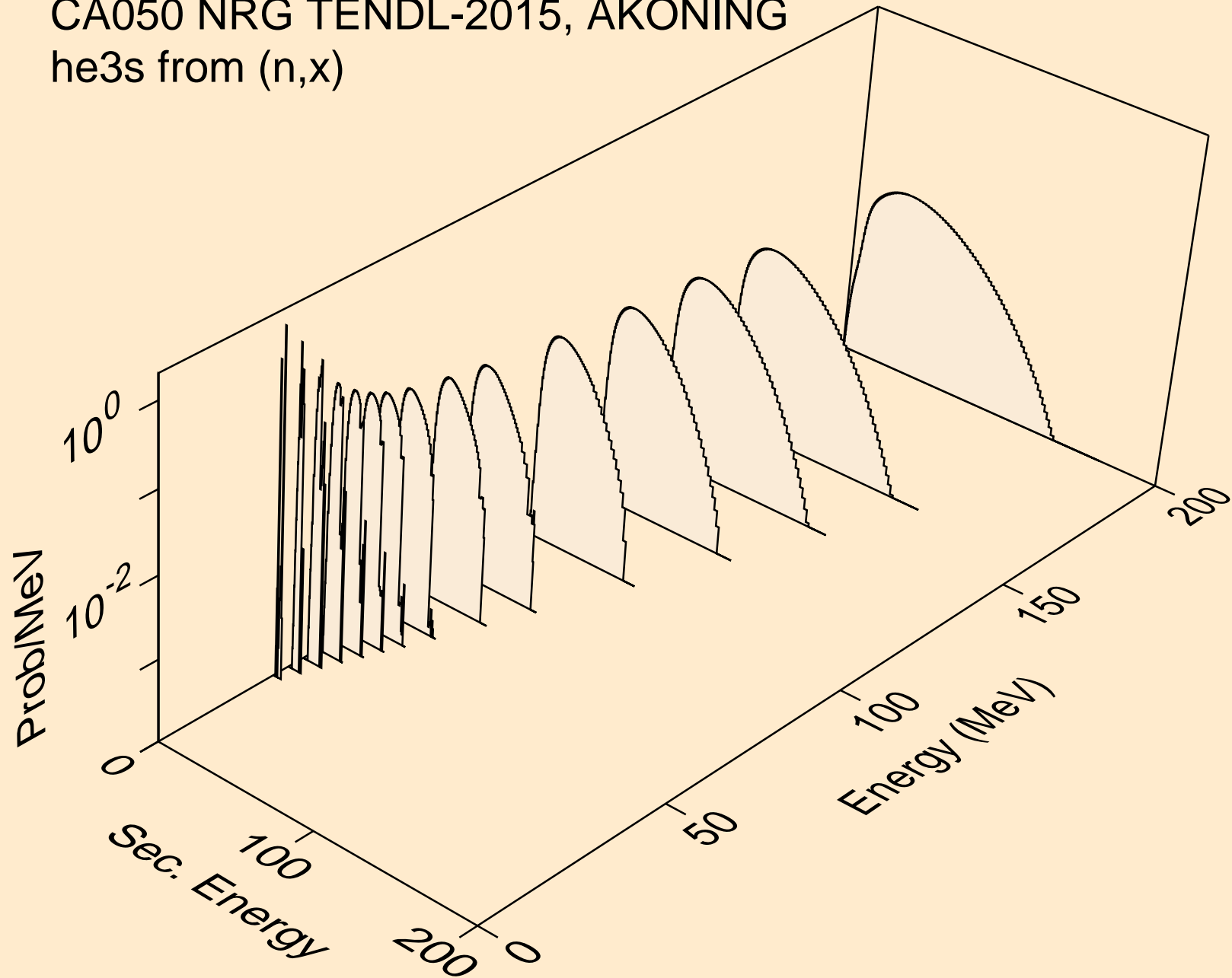
CA050 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



CA050 NRG TENDL-2015, AKONING  
tritons from (n,t)

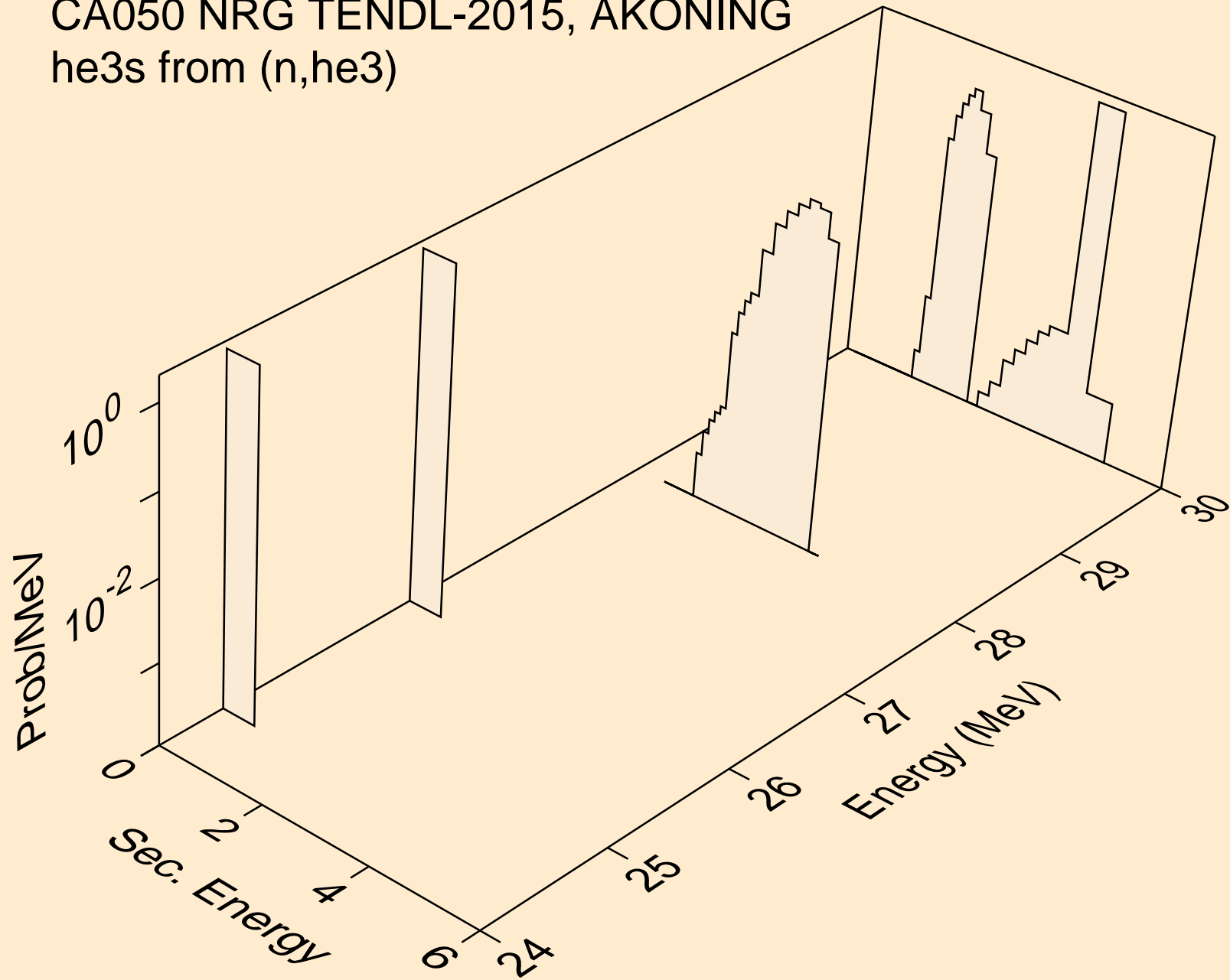


CA050 NRG TENDL-2015, AKONING  
he3s from (n,x)

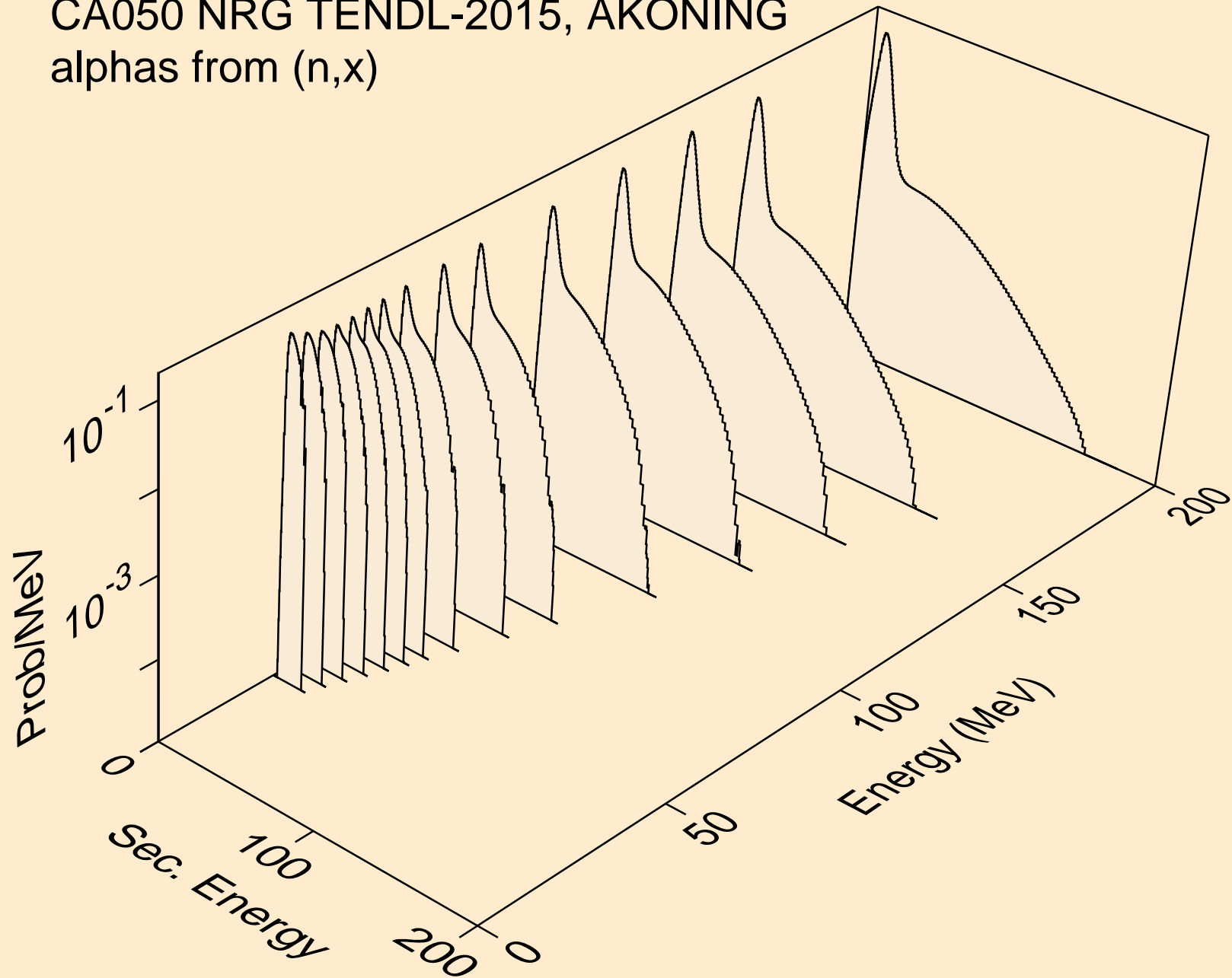




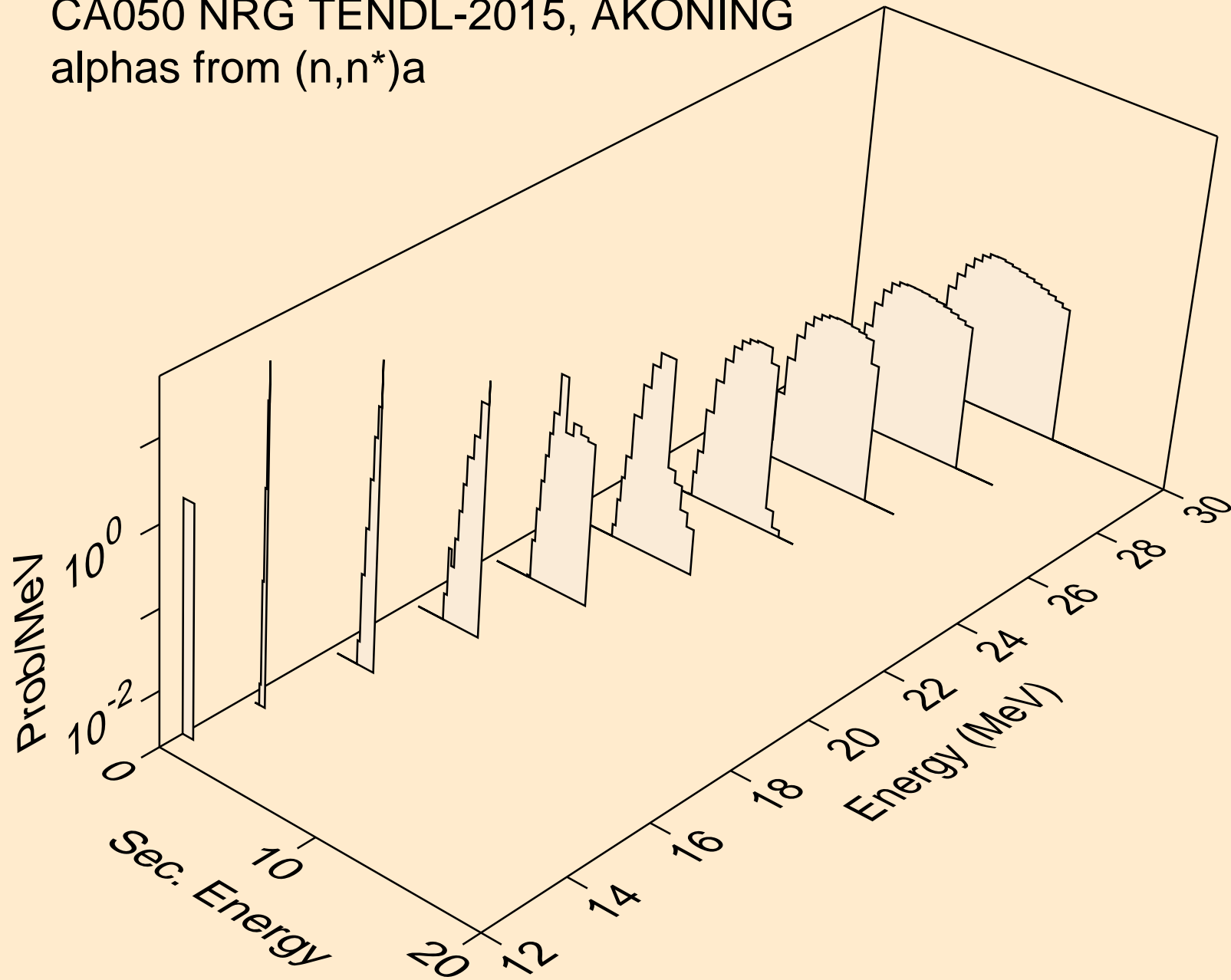
CA050 NRG TENDL-2015, AKONING  
he3s from (n,he3)



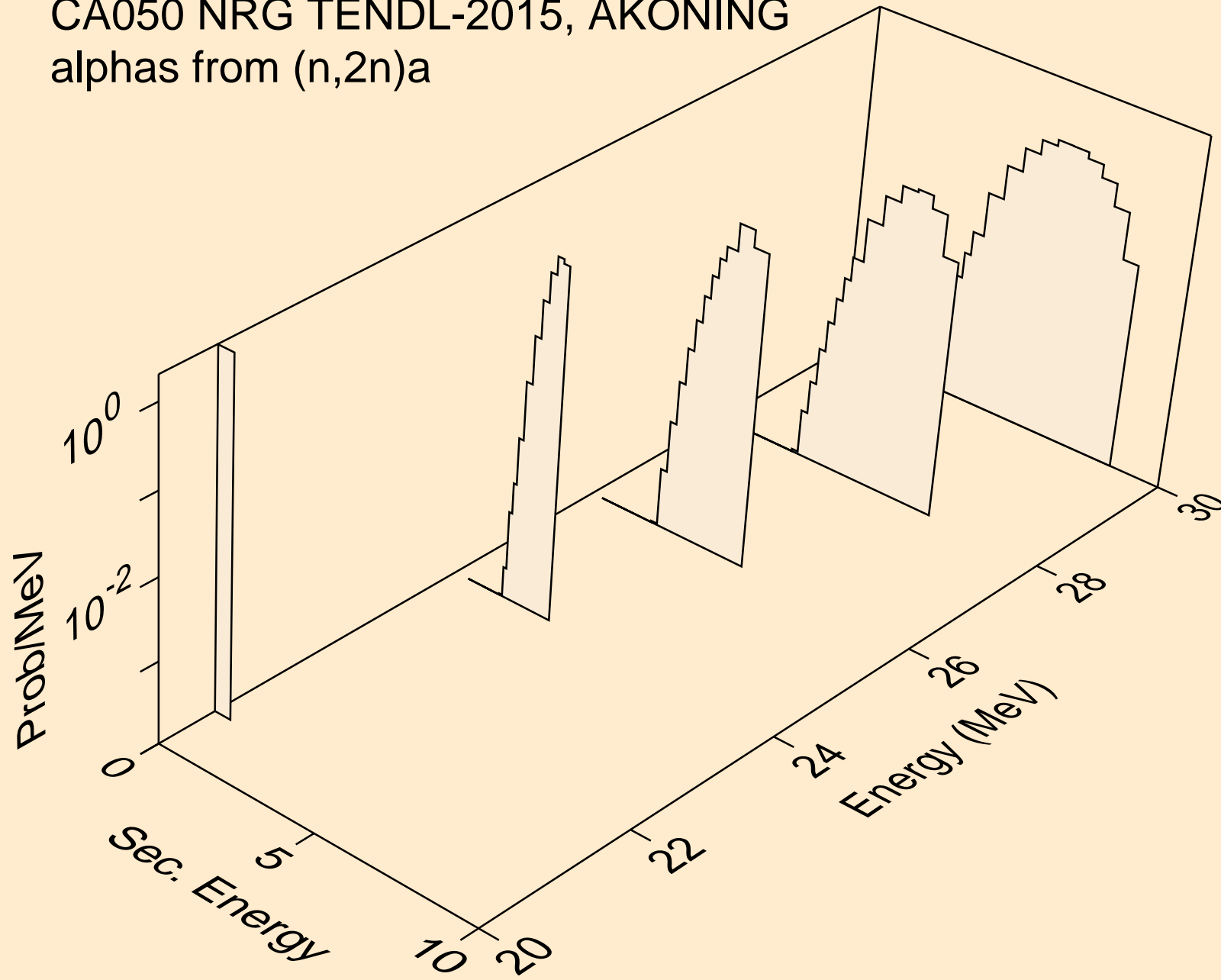
CA050 NRG TENDL-2015, AKONING  
alphas from (n,x)



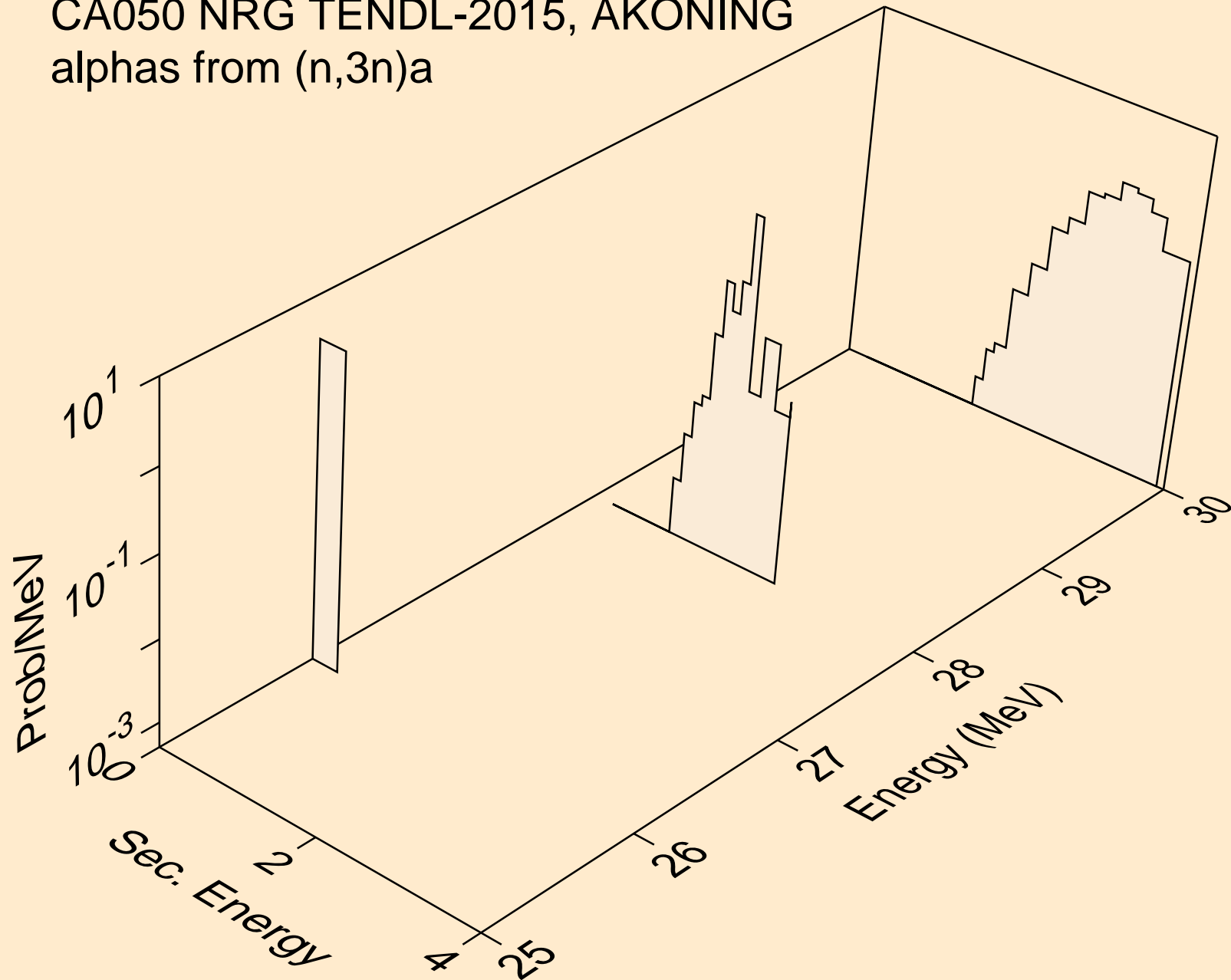
CA050 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



CA050 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



CA050 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



CA050 NRG TENDL-2015, AKONING  
alphas from (n,a)

