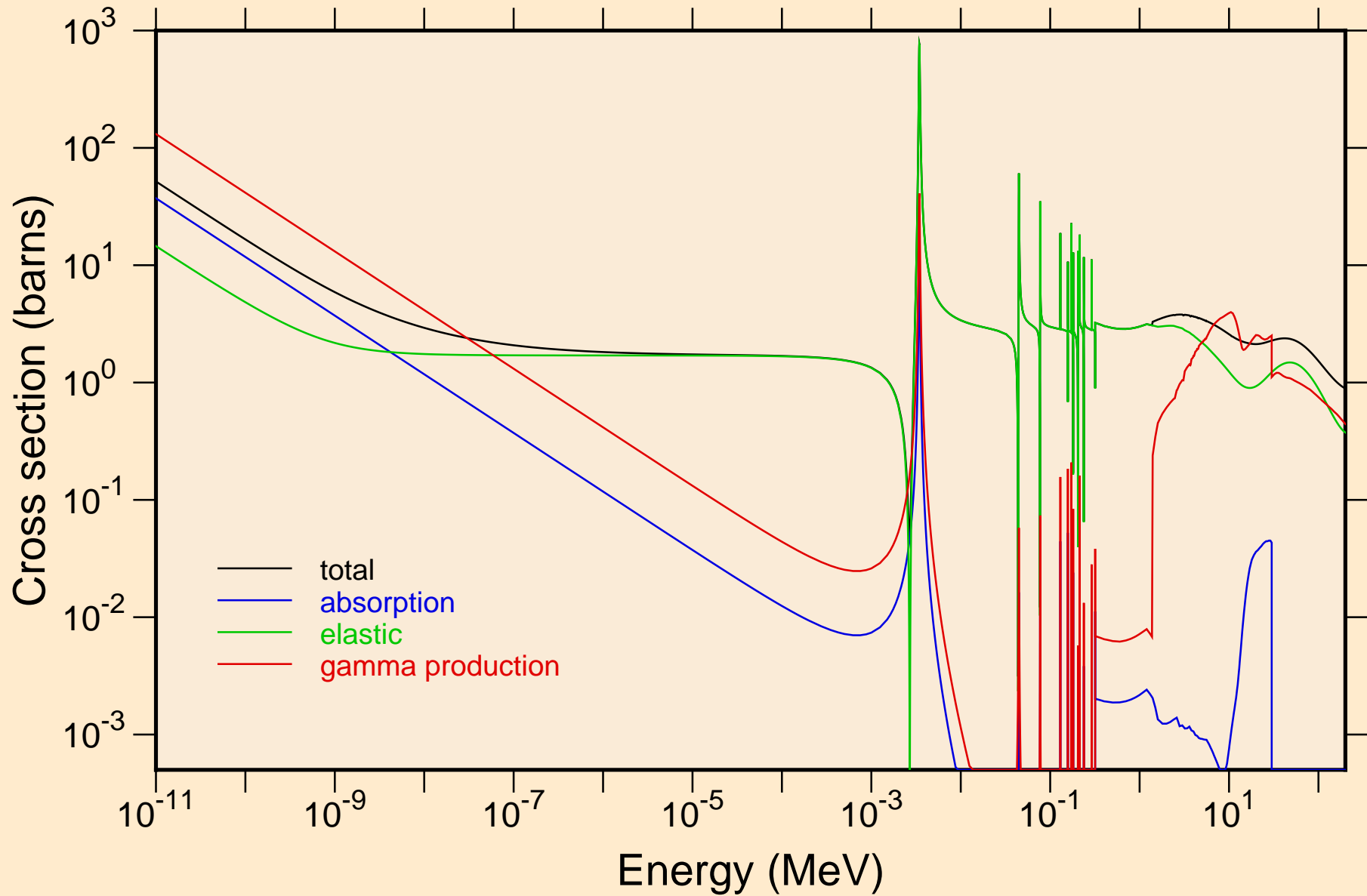


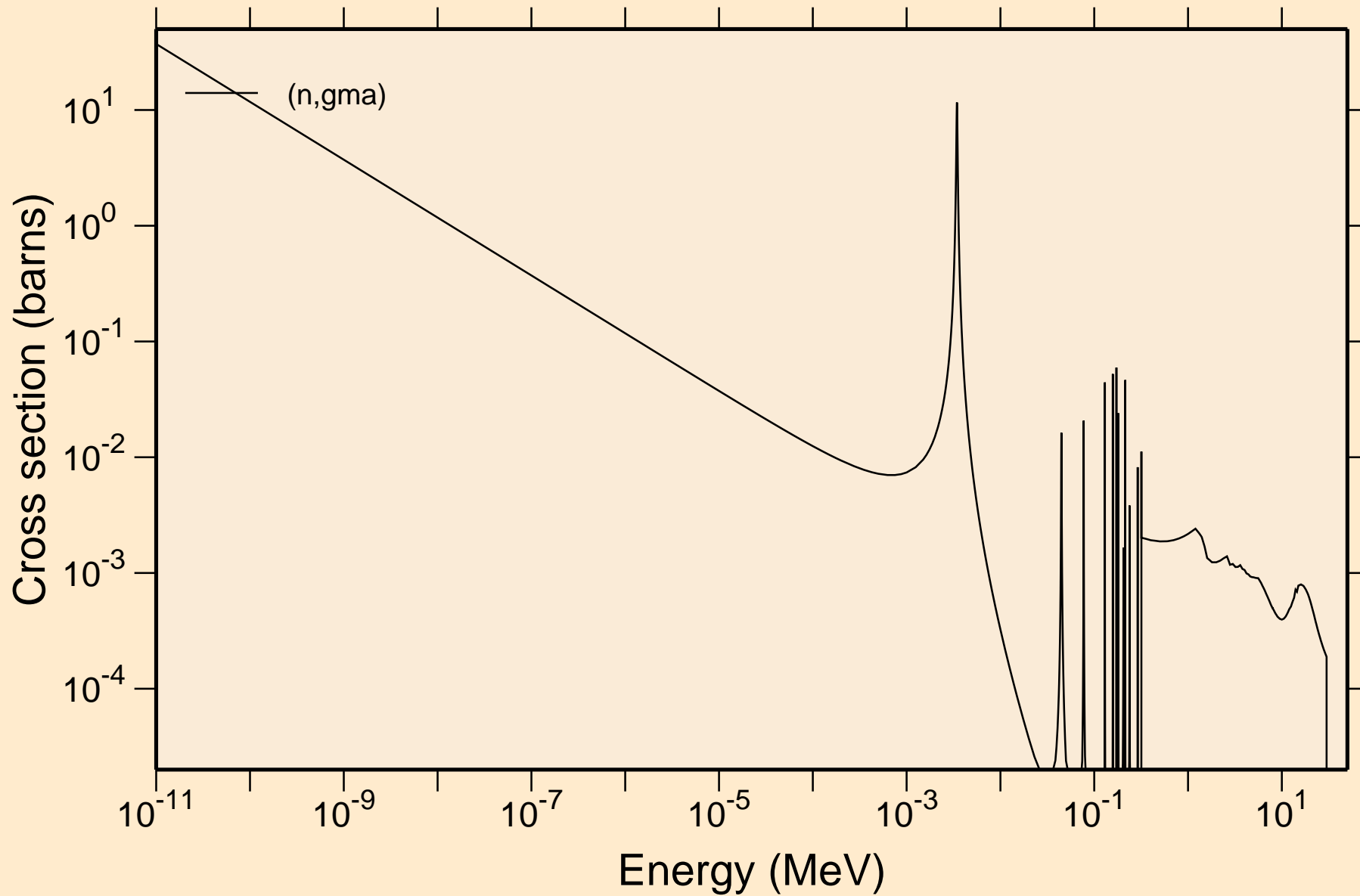
# CA046 NRG TENDL-2015, AKONING

## Principal cross sections



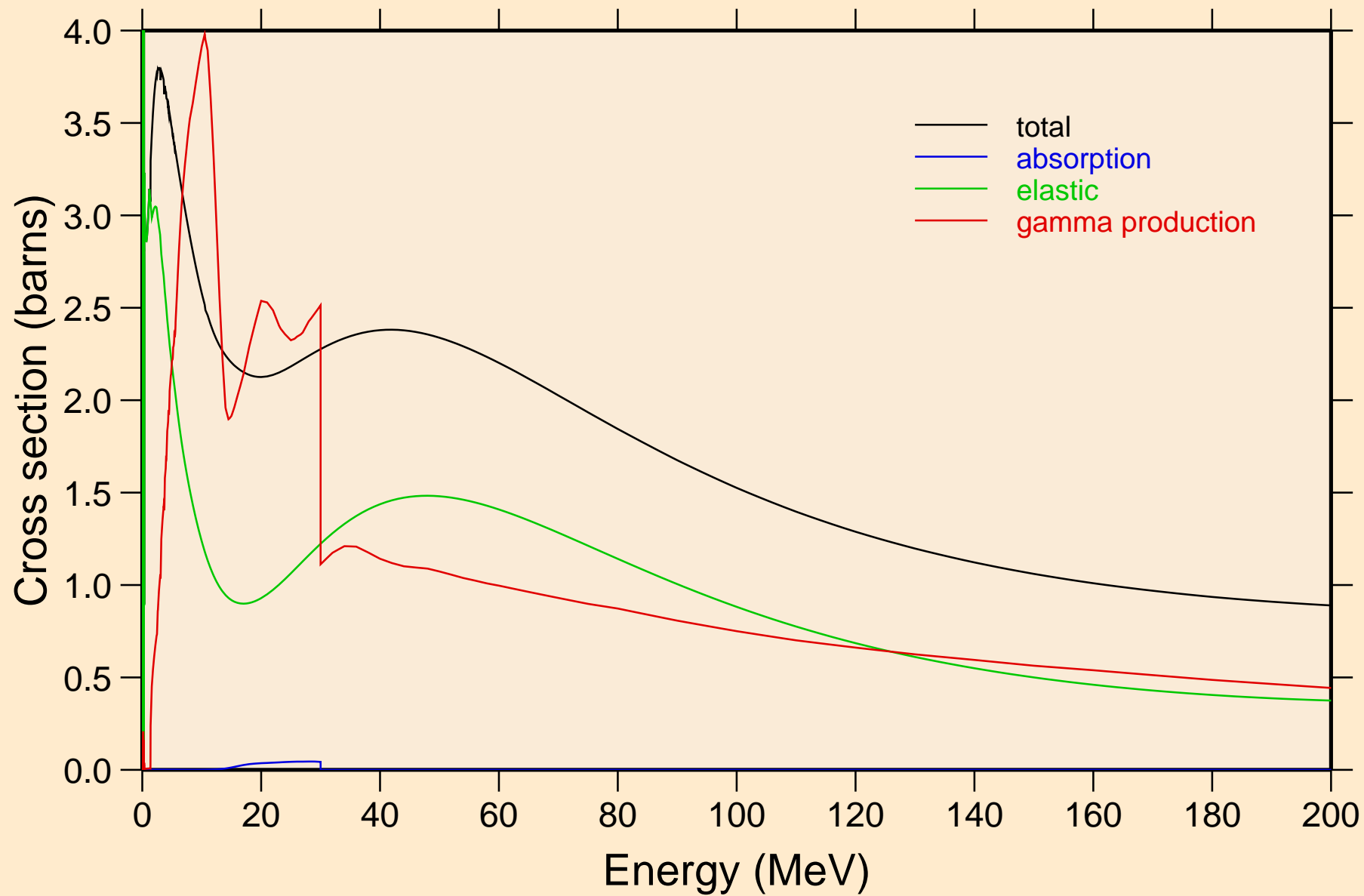
# CA046 NRG TENDL-2015, AKONING

## Non-threshold reactions

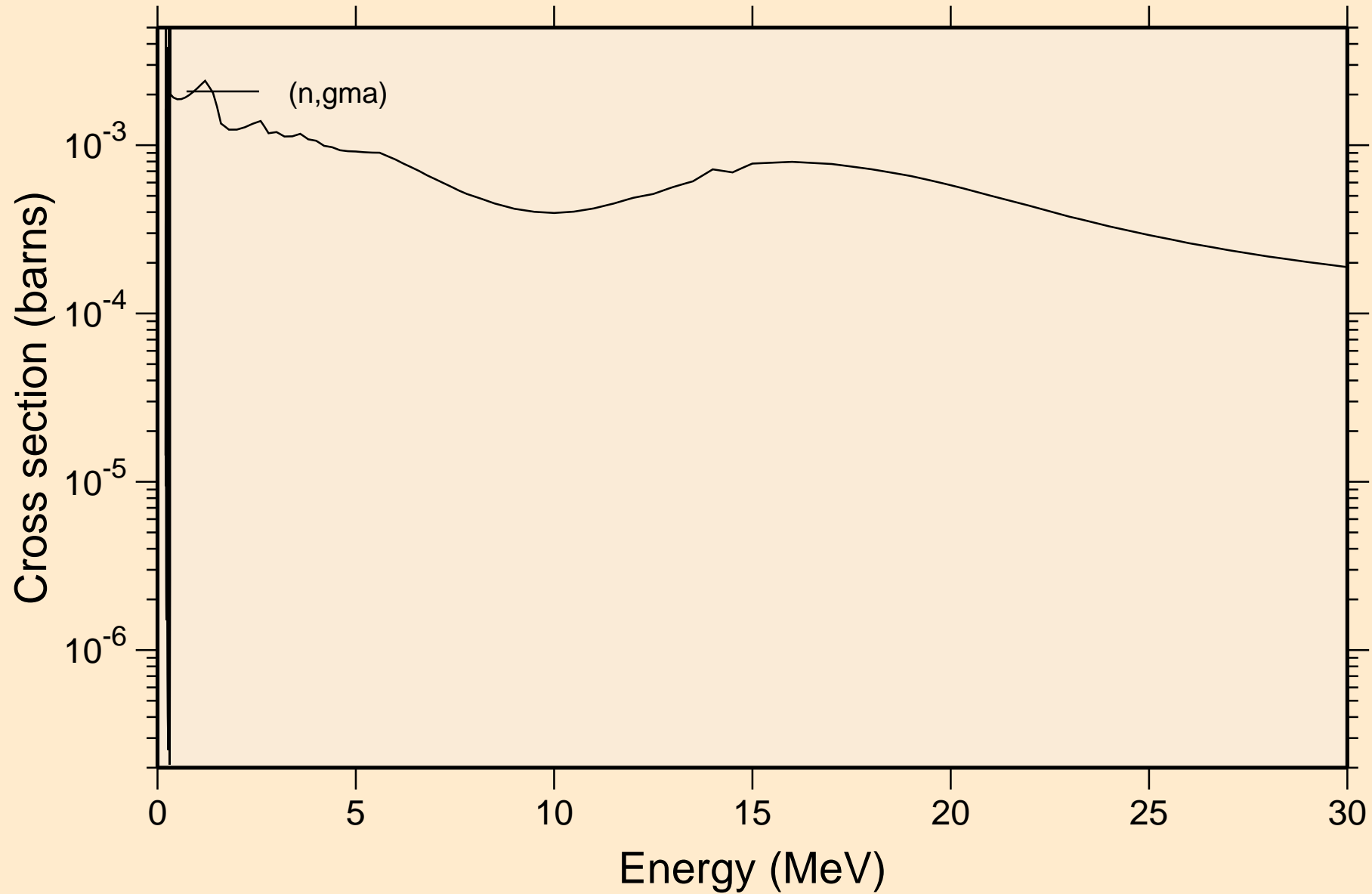


# CA046 NRG TENDL-2015, AKONING

## Principal cross sections

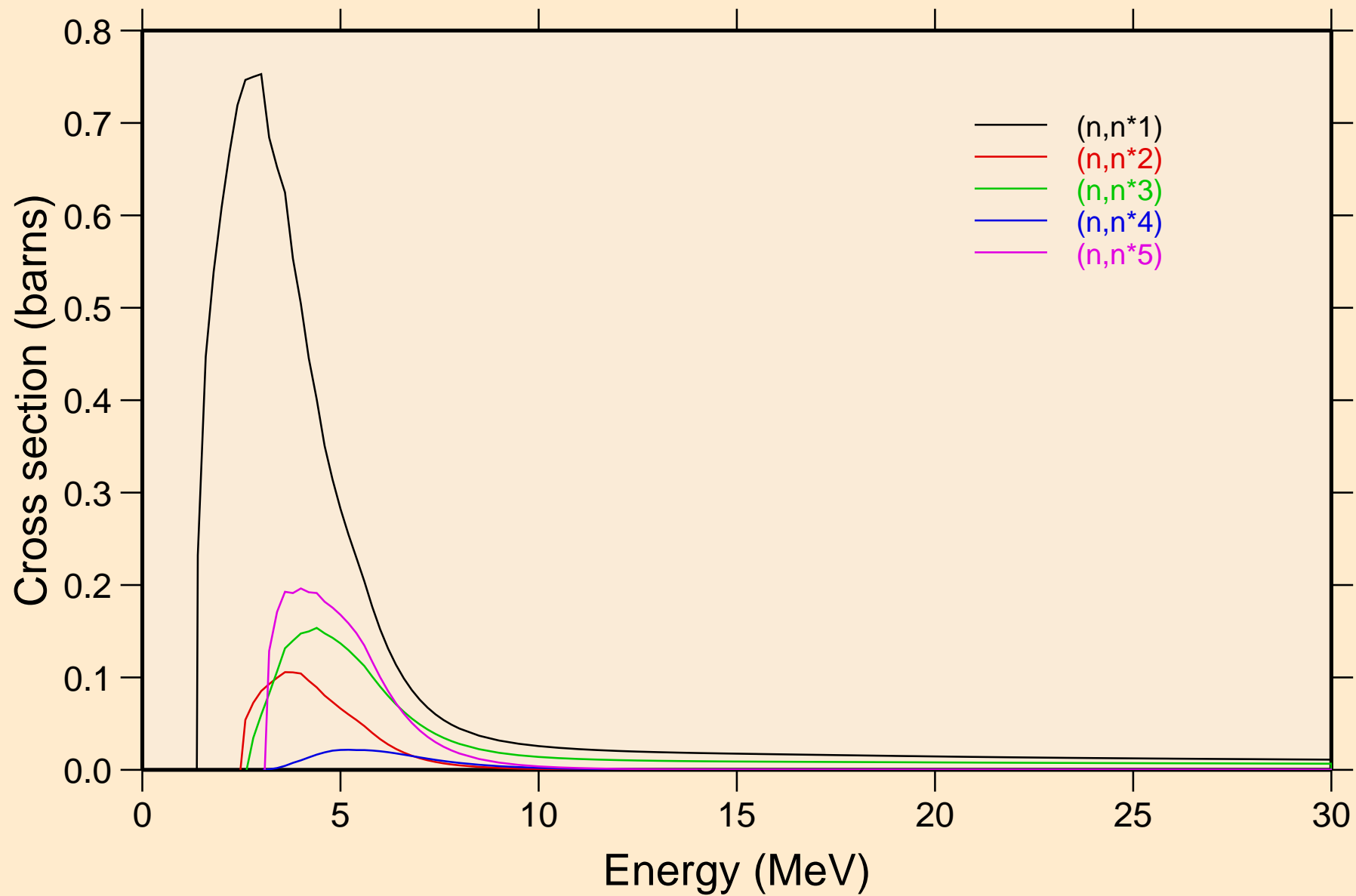


CA046 NRG TENDL-2015, AKONING  
Non-threshold reactions



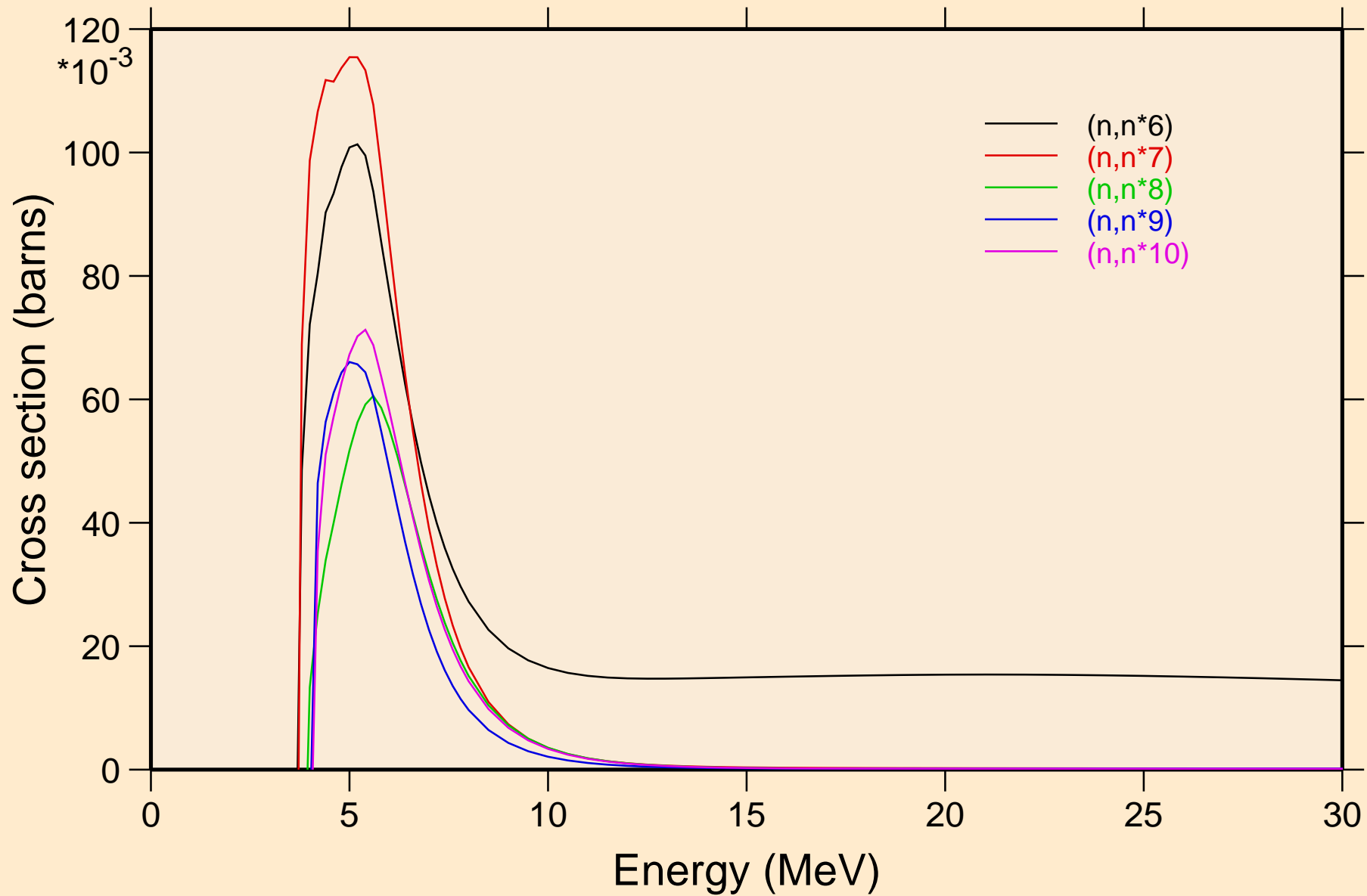
# CA046 NRG TENDL-2015, AKONING

## Inelastic levels



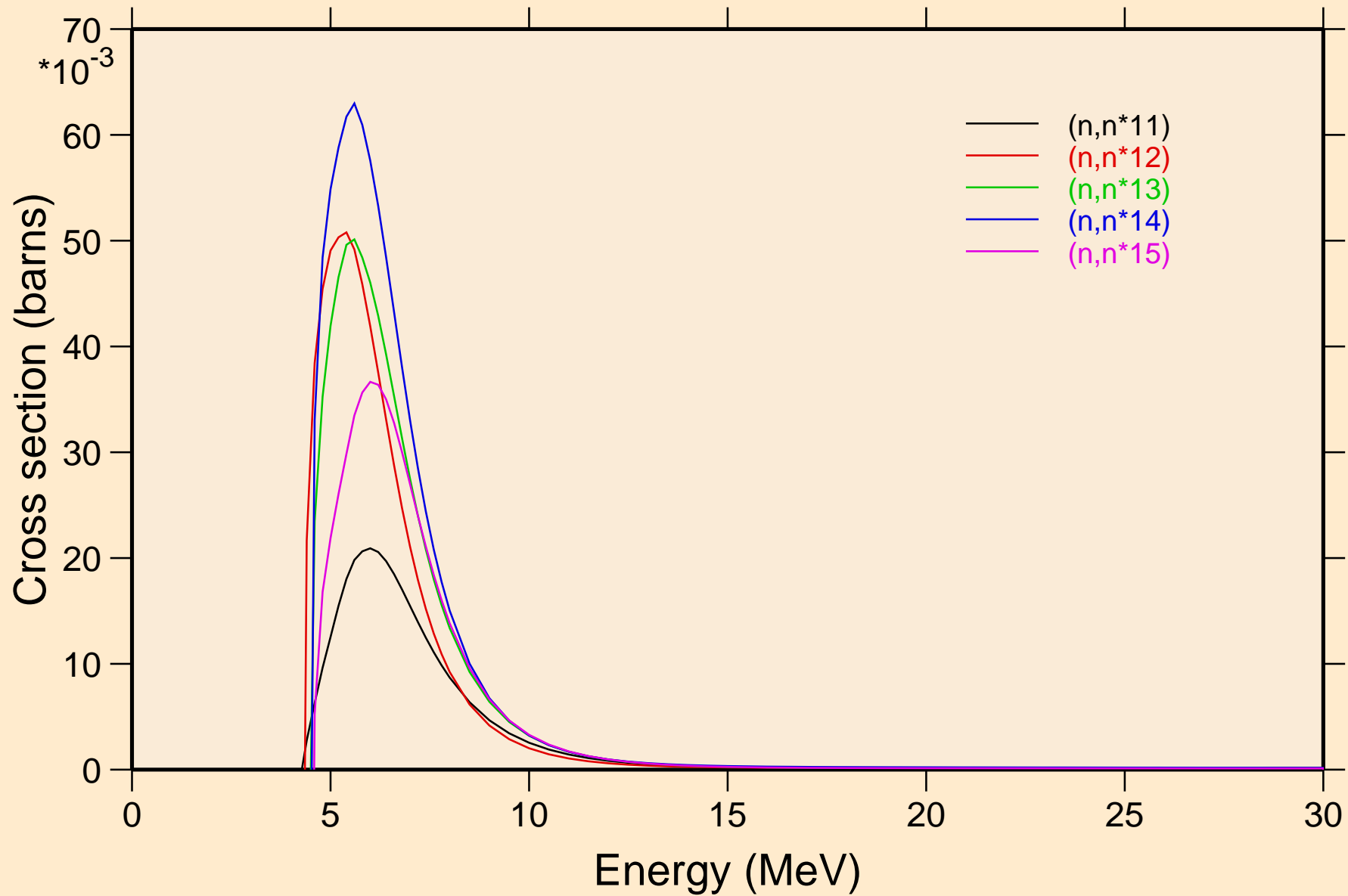
# CA046 NRG TENDL-2015, AKONING

## Inelastic levels



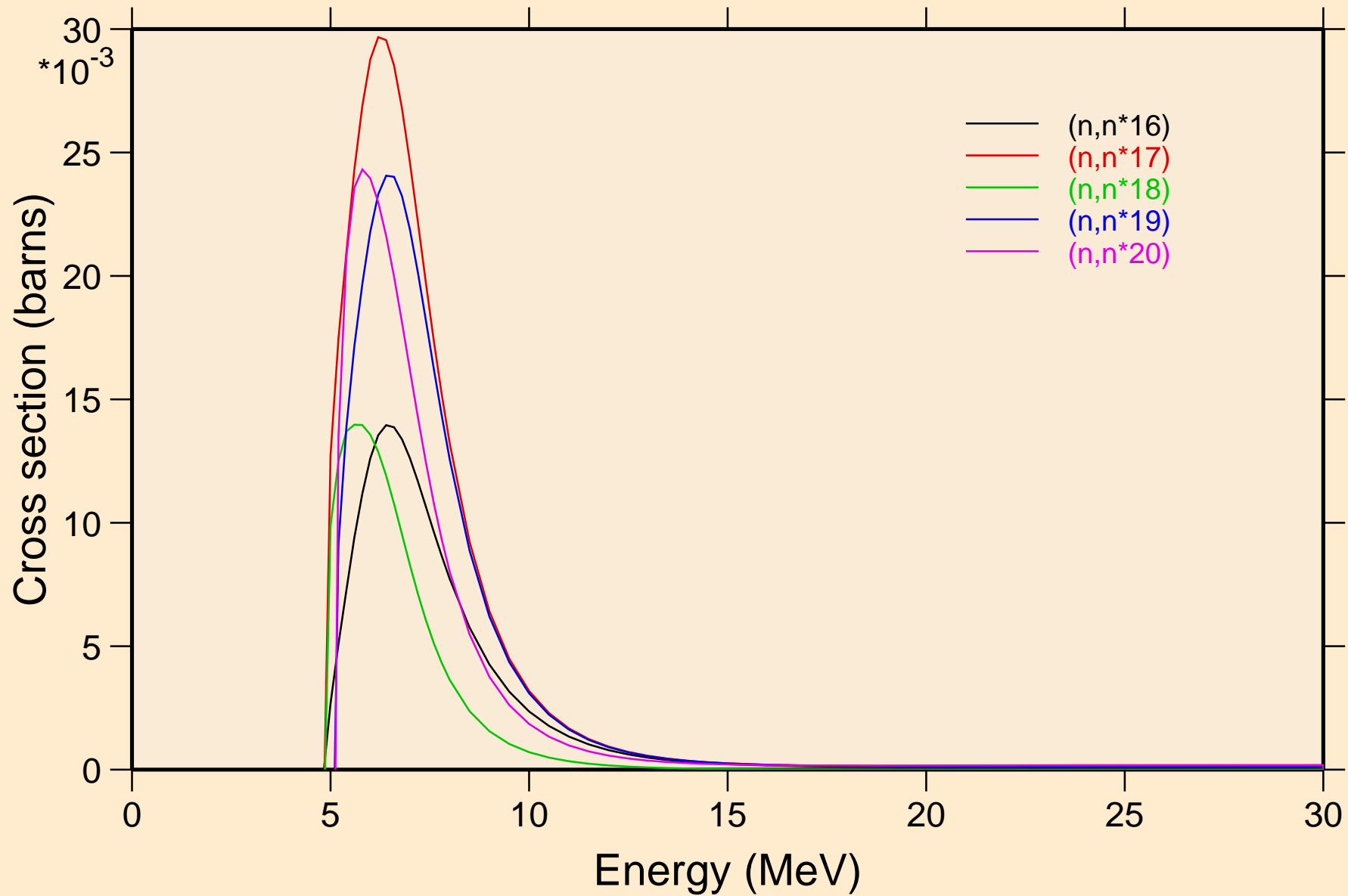
# CA046 NRG TENDL-2015, AKONING

## Inelastic levels



# CA046 NRG TENDL-2015, AKONING

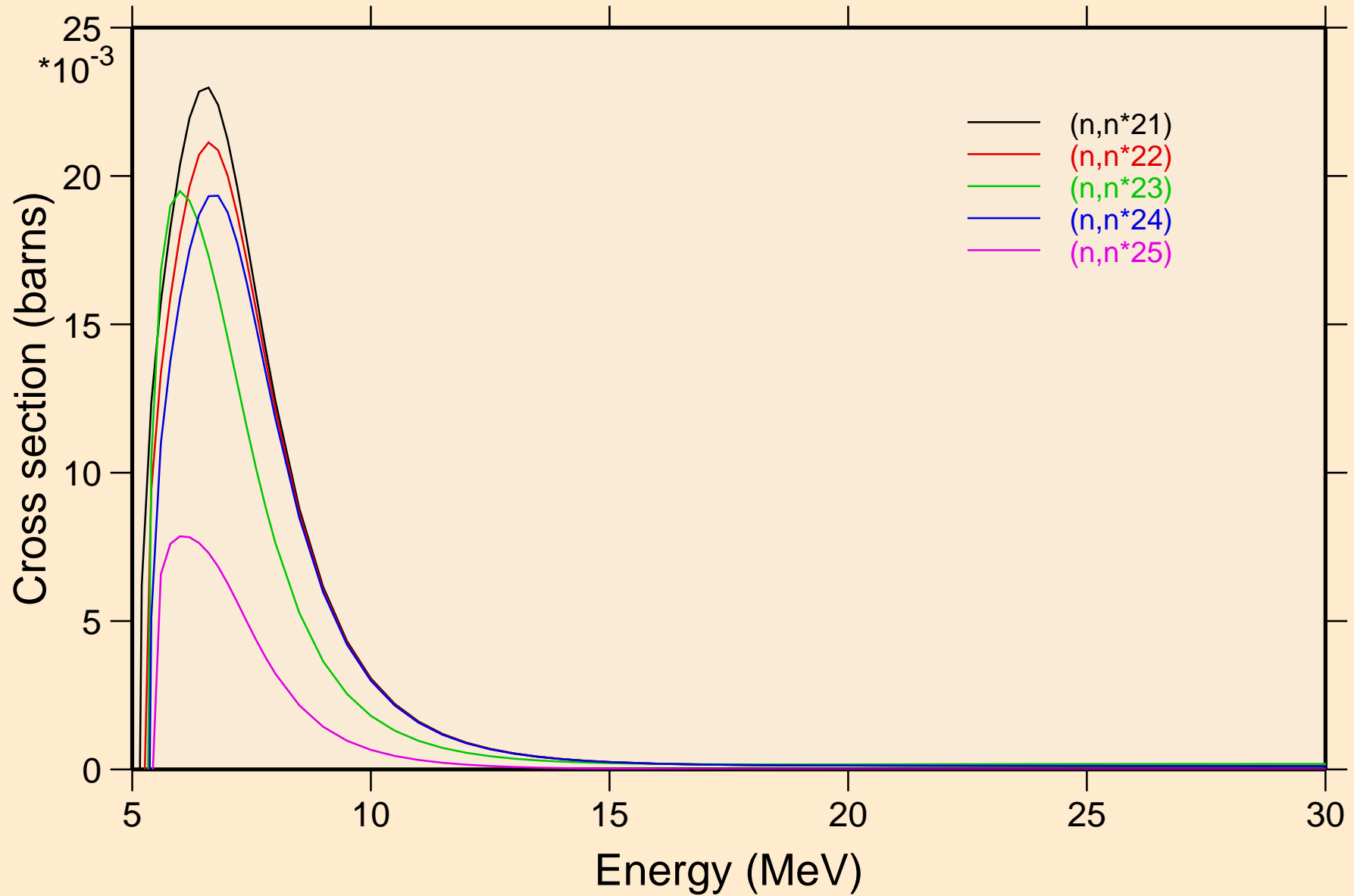
## Inelastic levels





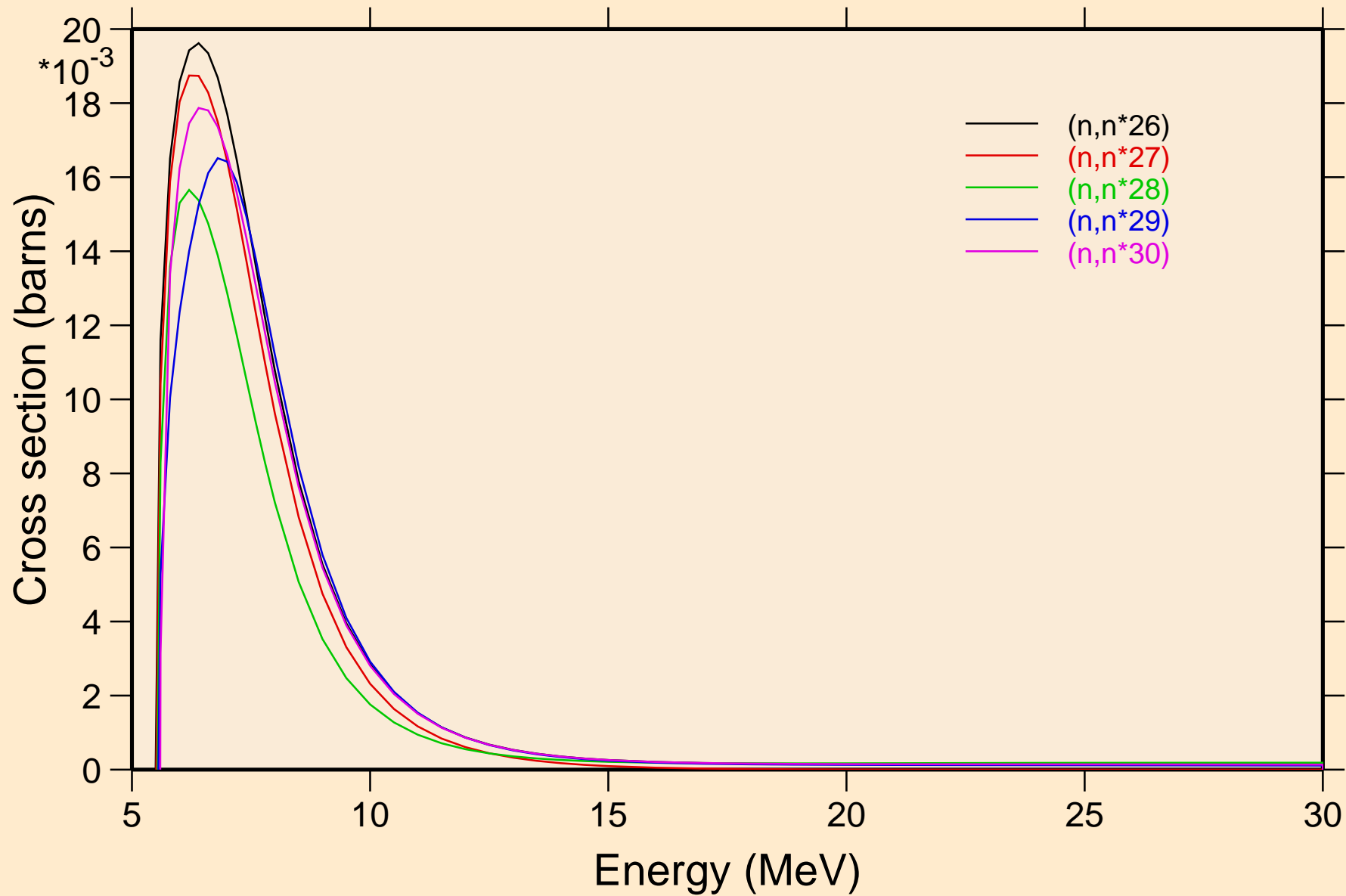
# CA046 NRG TENDL-2015, AKONING

## Inelastic levels



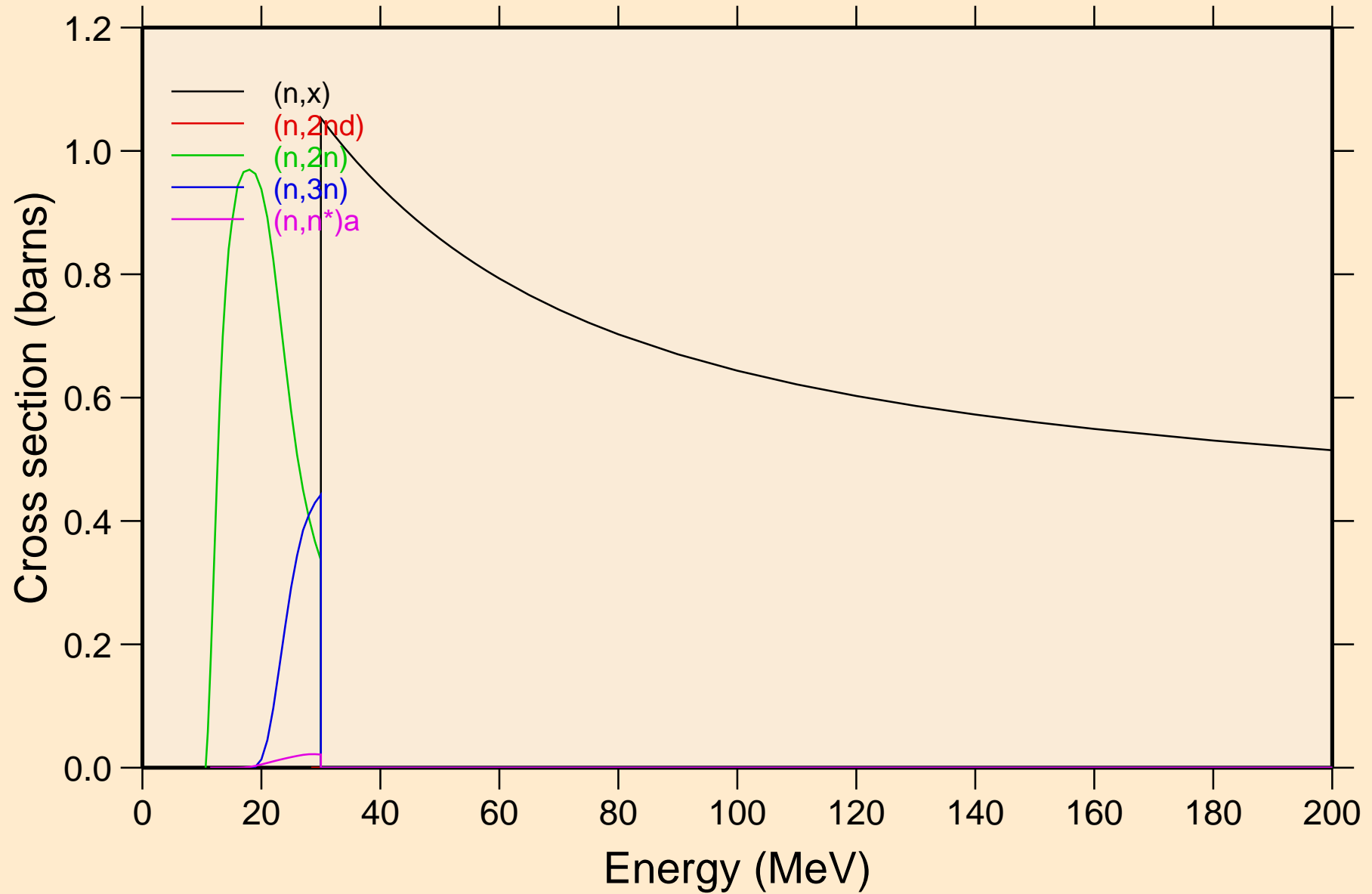
# CA046 NRG TENDL-2015, AKONING

## Inelastic levels



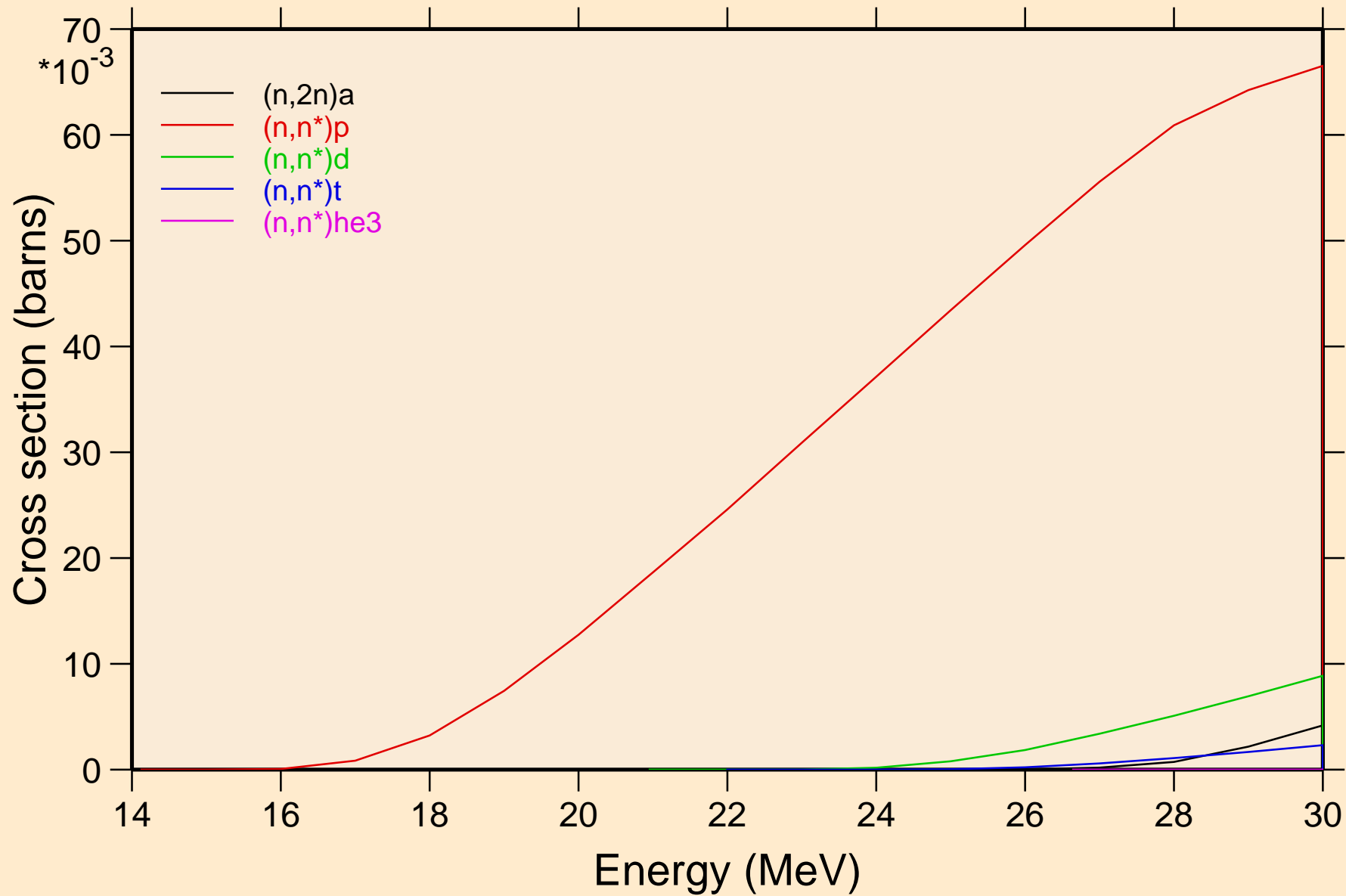
# CA046 NRG TENDL-2015, AKONING

## Threshold reactions



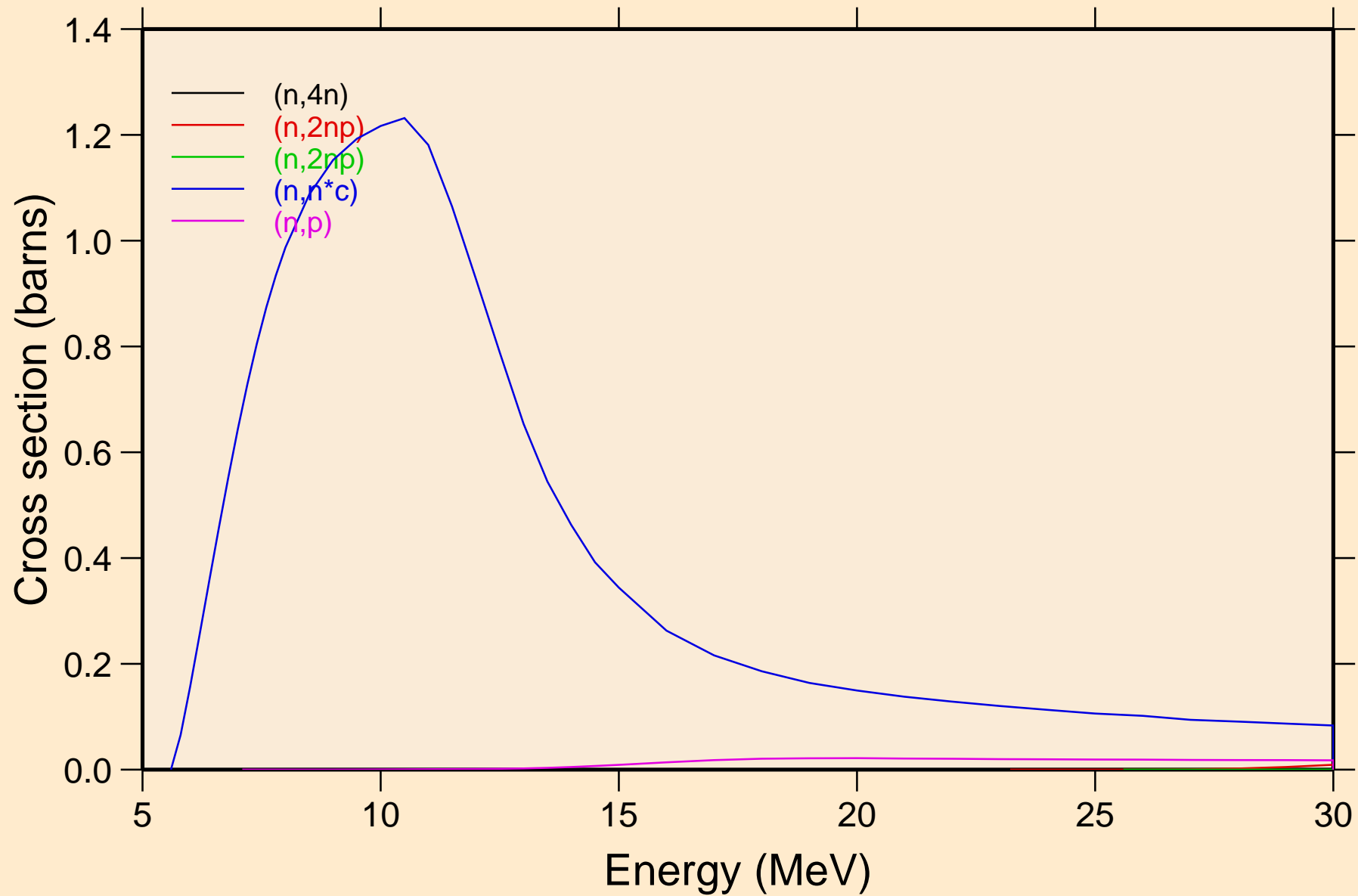
# CA046 NRG TENDL-2015, AKONING

## Threshold reactions



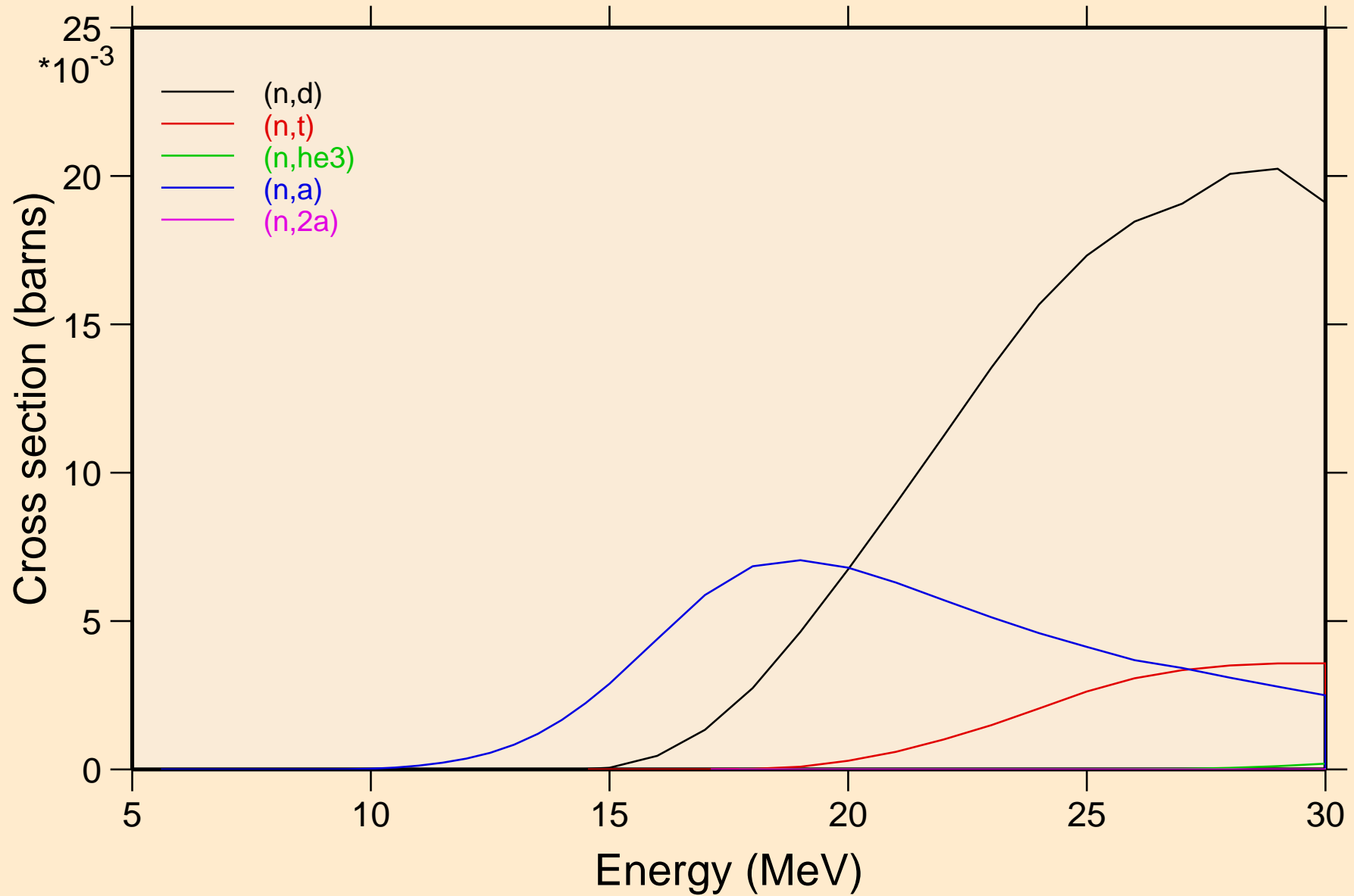
# CA046 NRG TENDL-2015, AKONING

## Threshold reactions



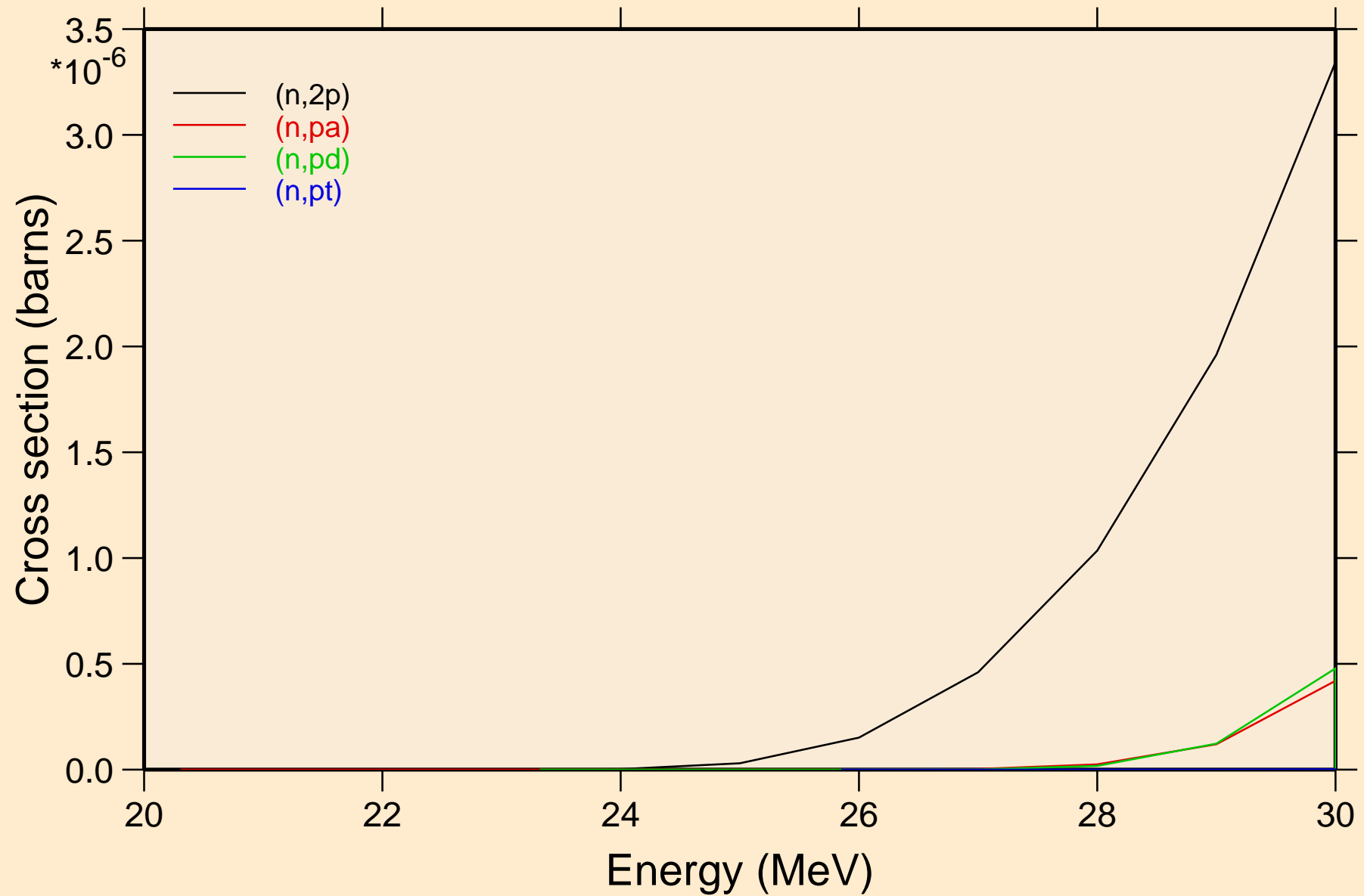
# CA046 NRG TENDL-2015, AKONING

## Threshold reactions

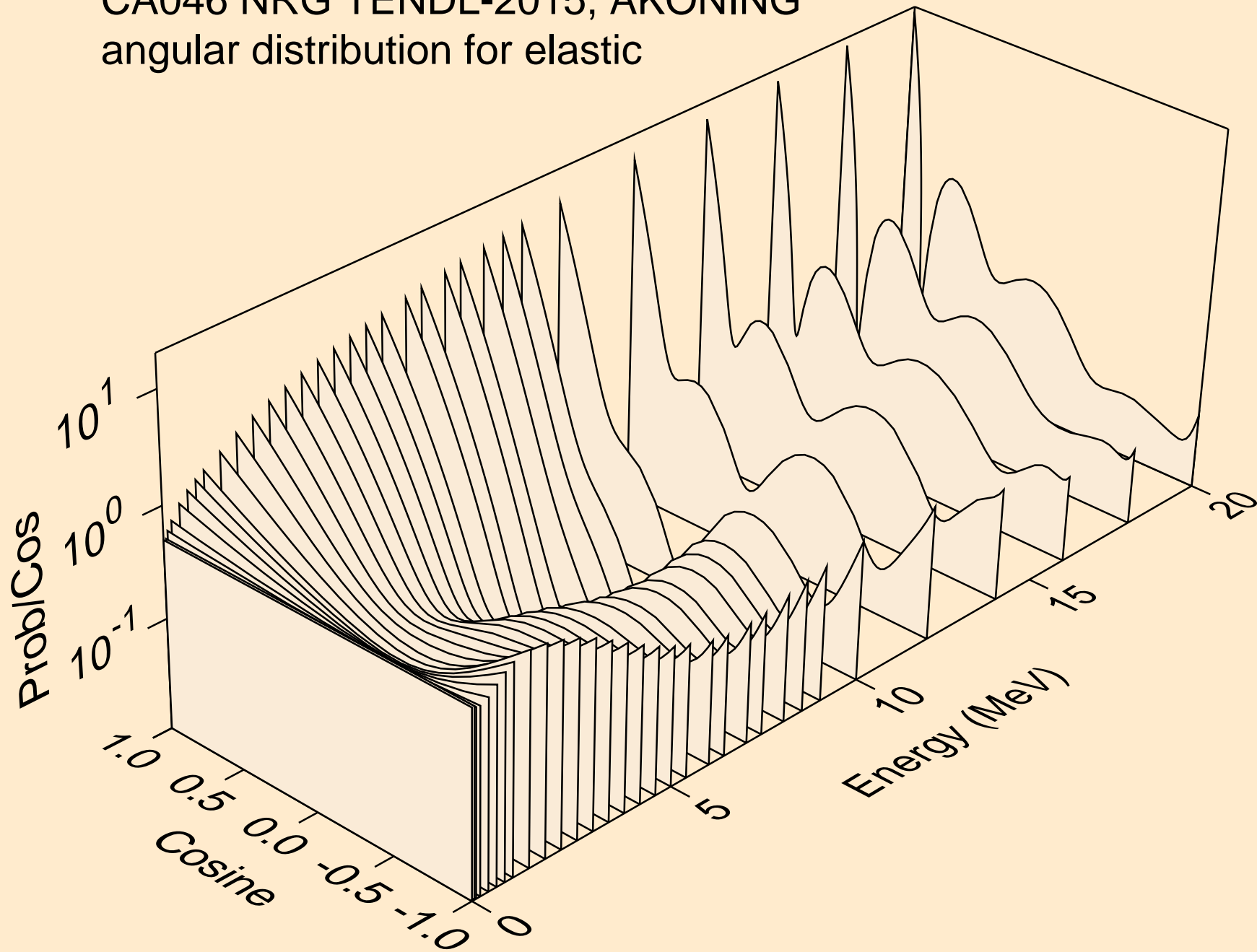


# CA046 NRG TENDL-2015, AKONING

## Threshold reactions

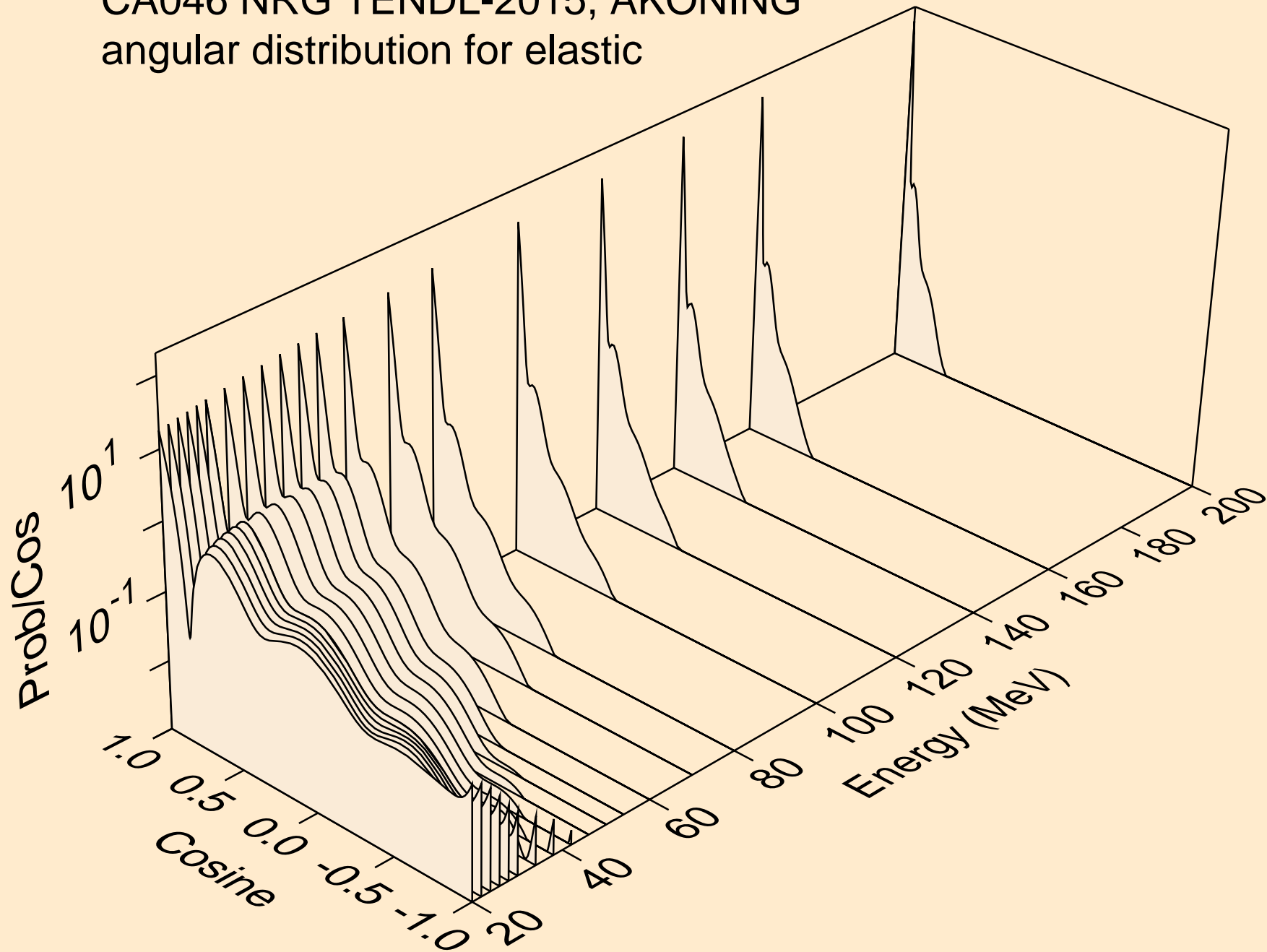


CA046 NRG TENDL-2015, AKONING  
angular distribution for elastic

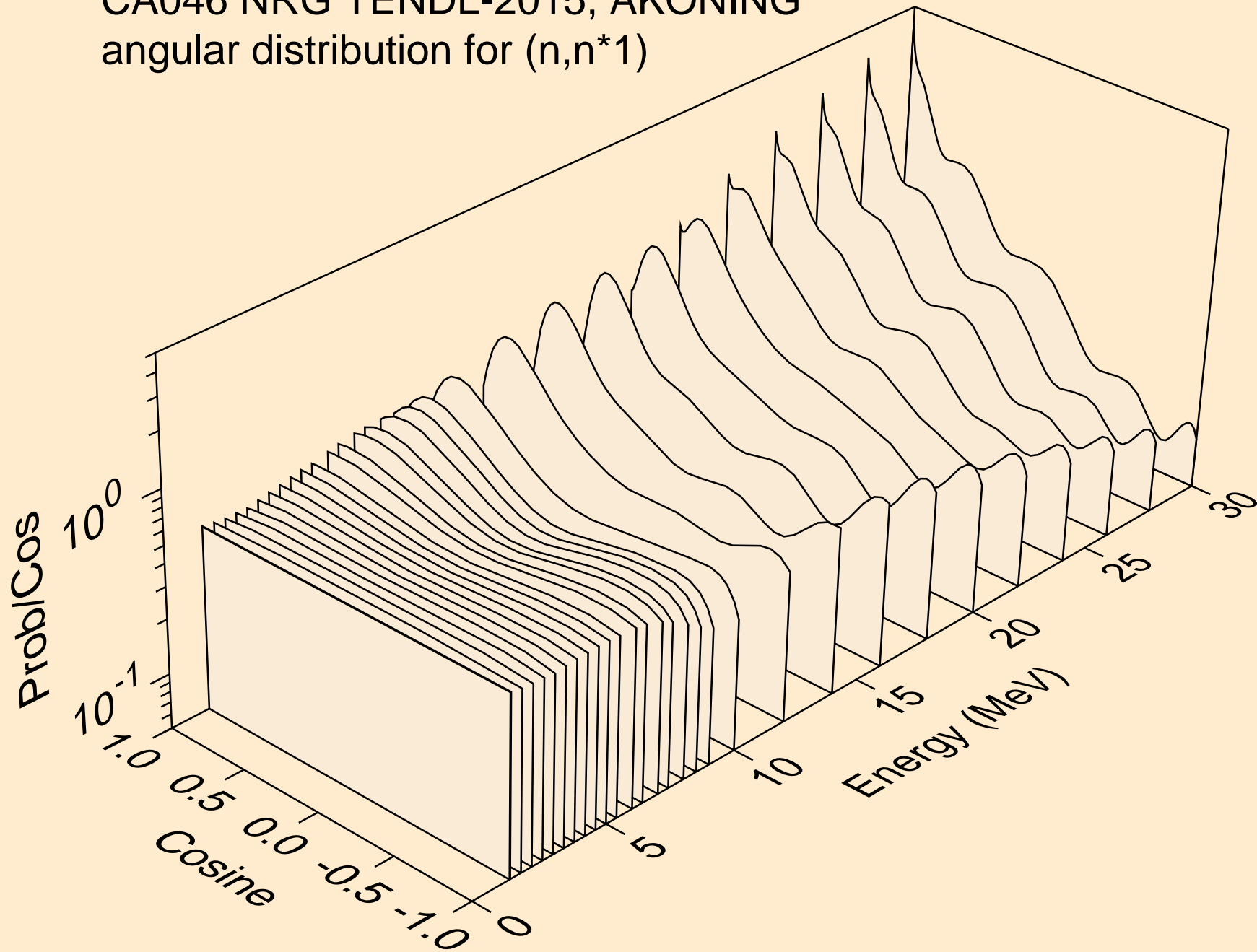




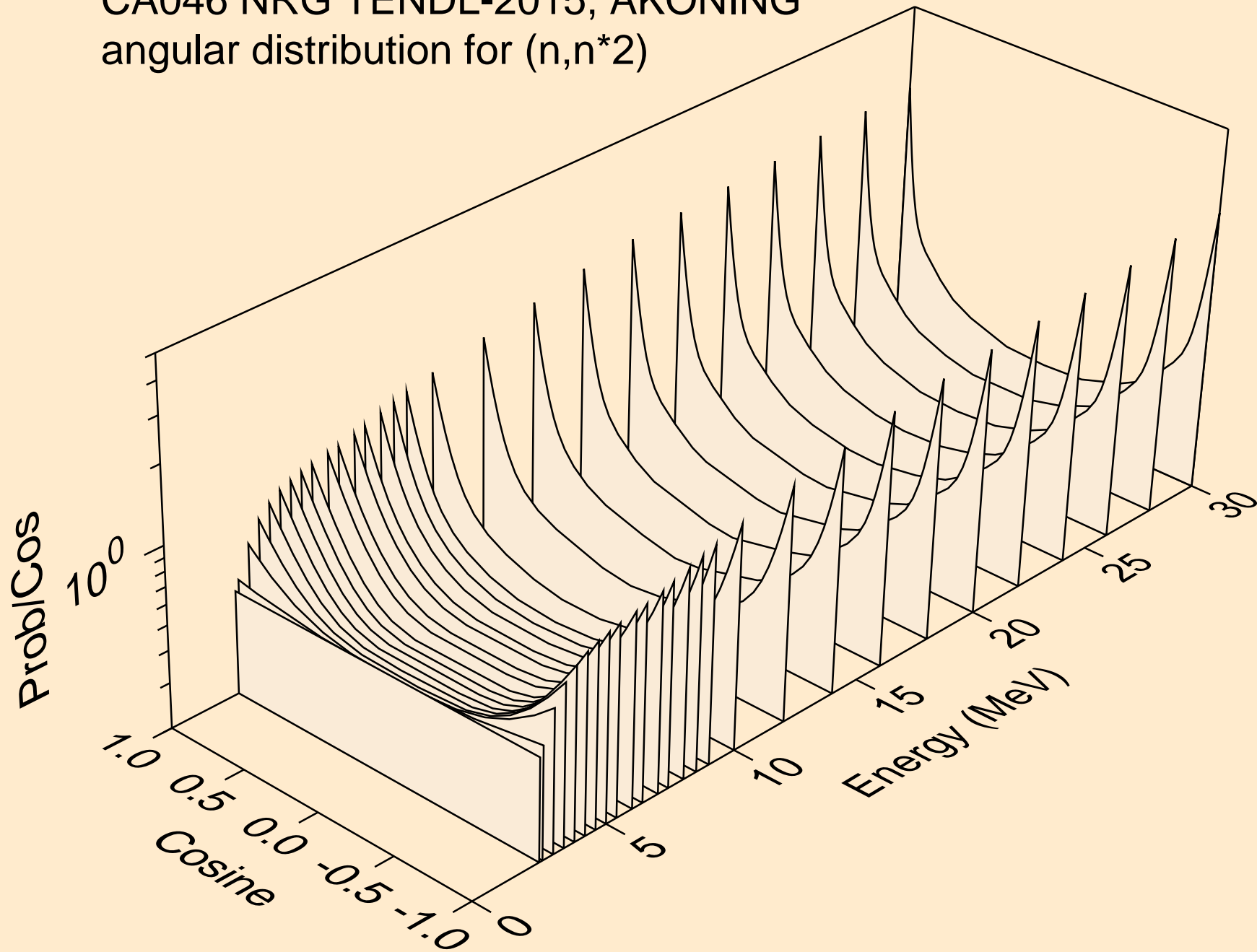
CA046 NRG TENDL-2015, AKONING  
angular distribution for elastic



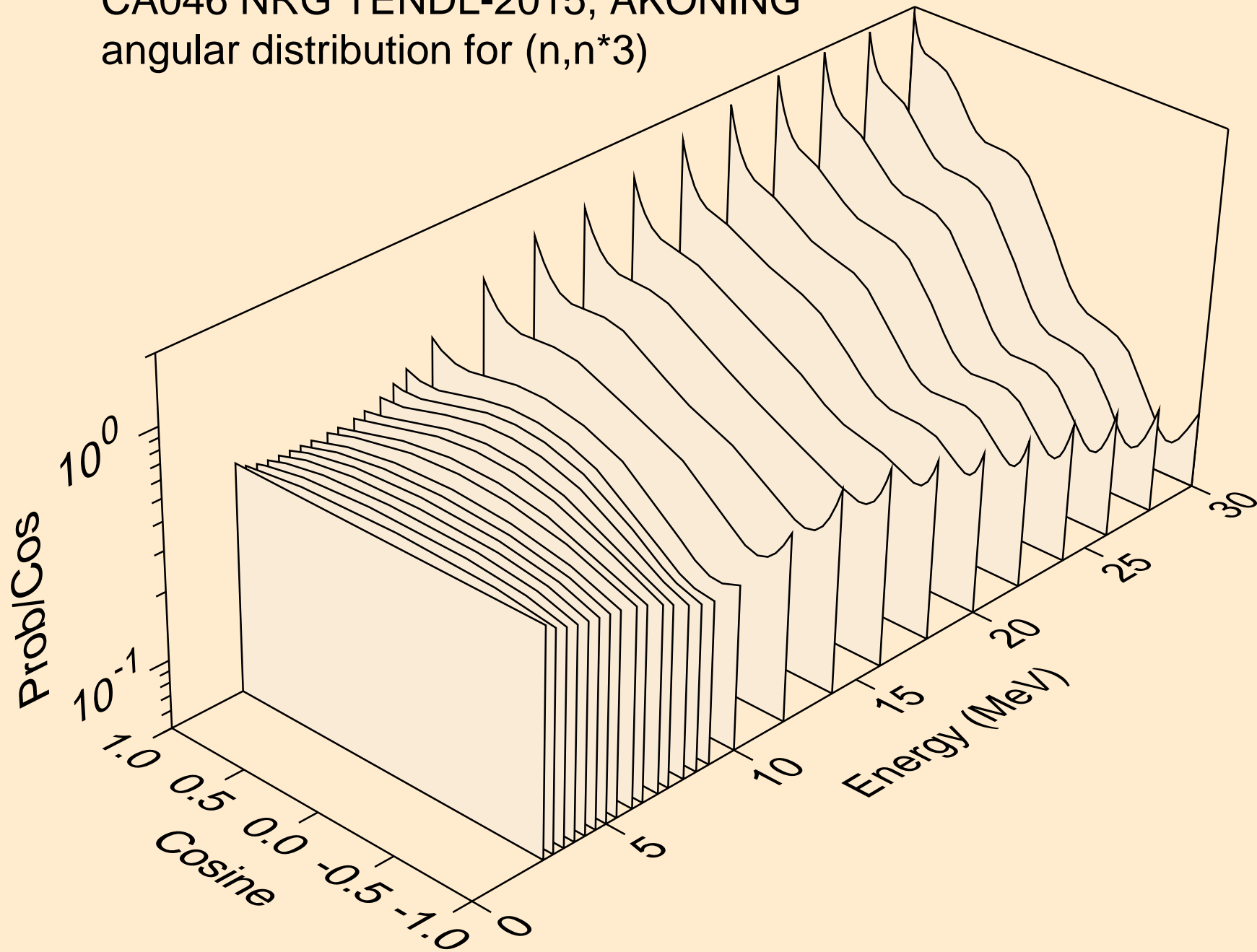
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



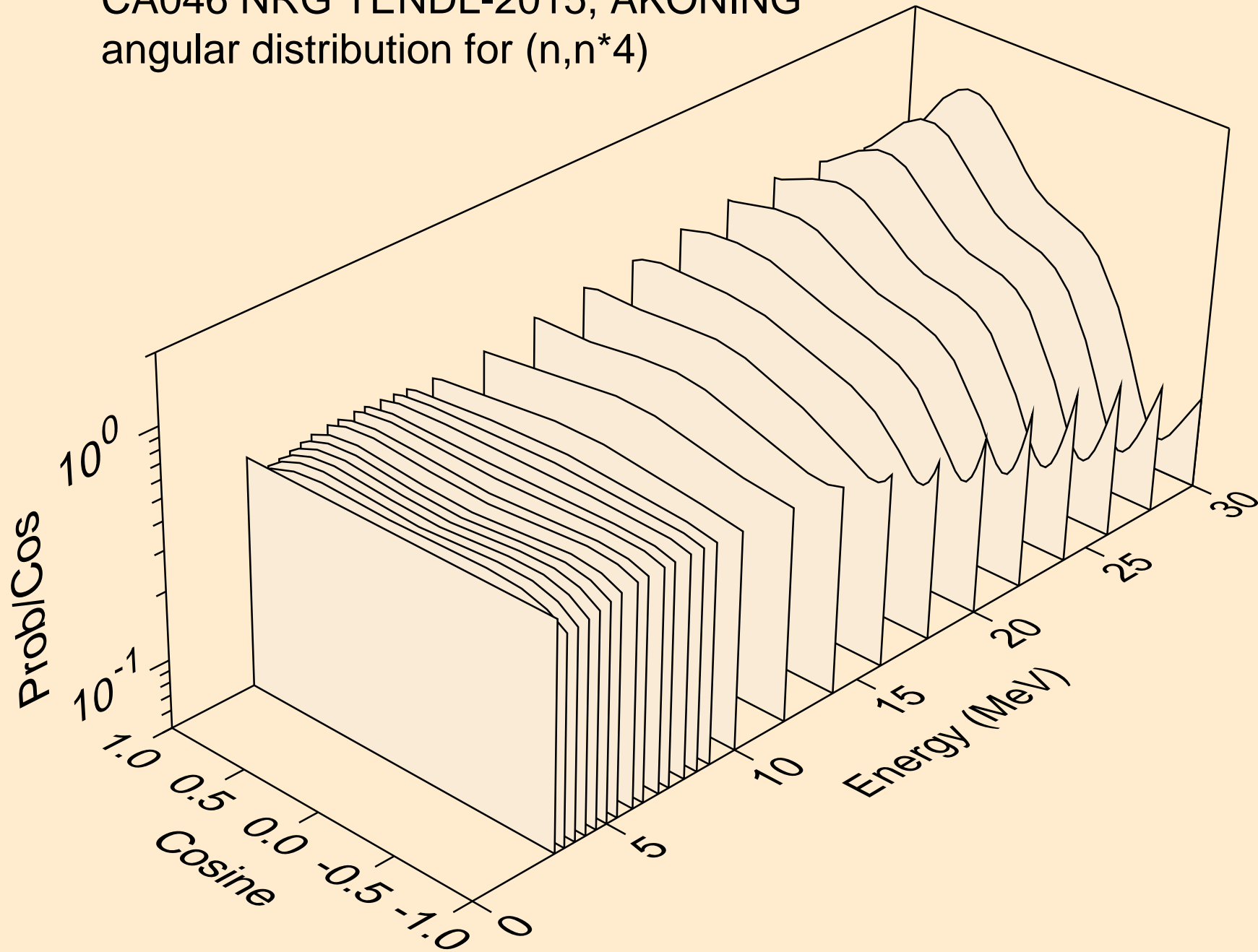
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



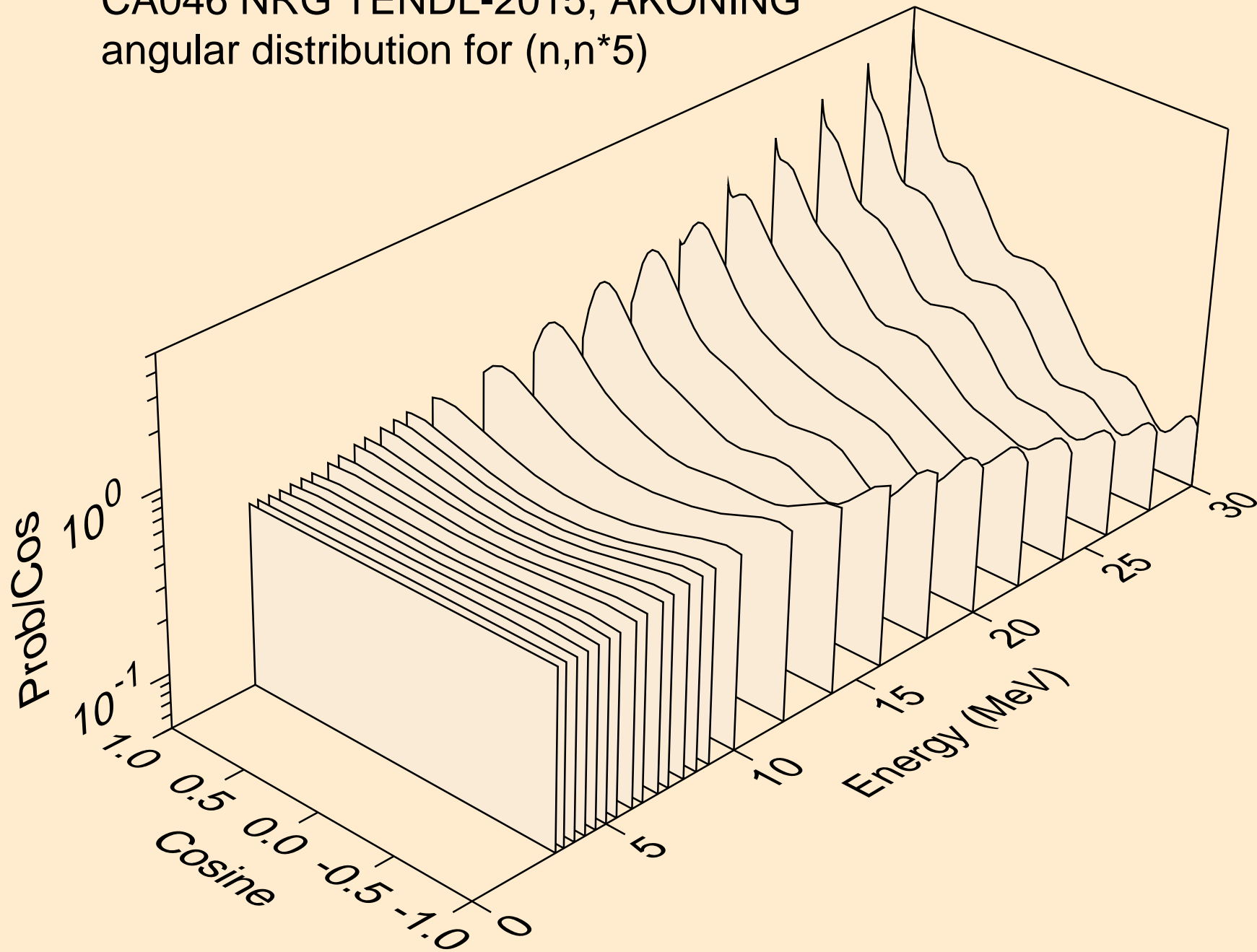
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



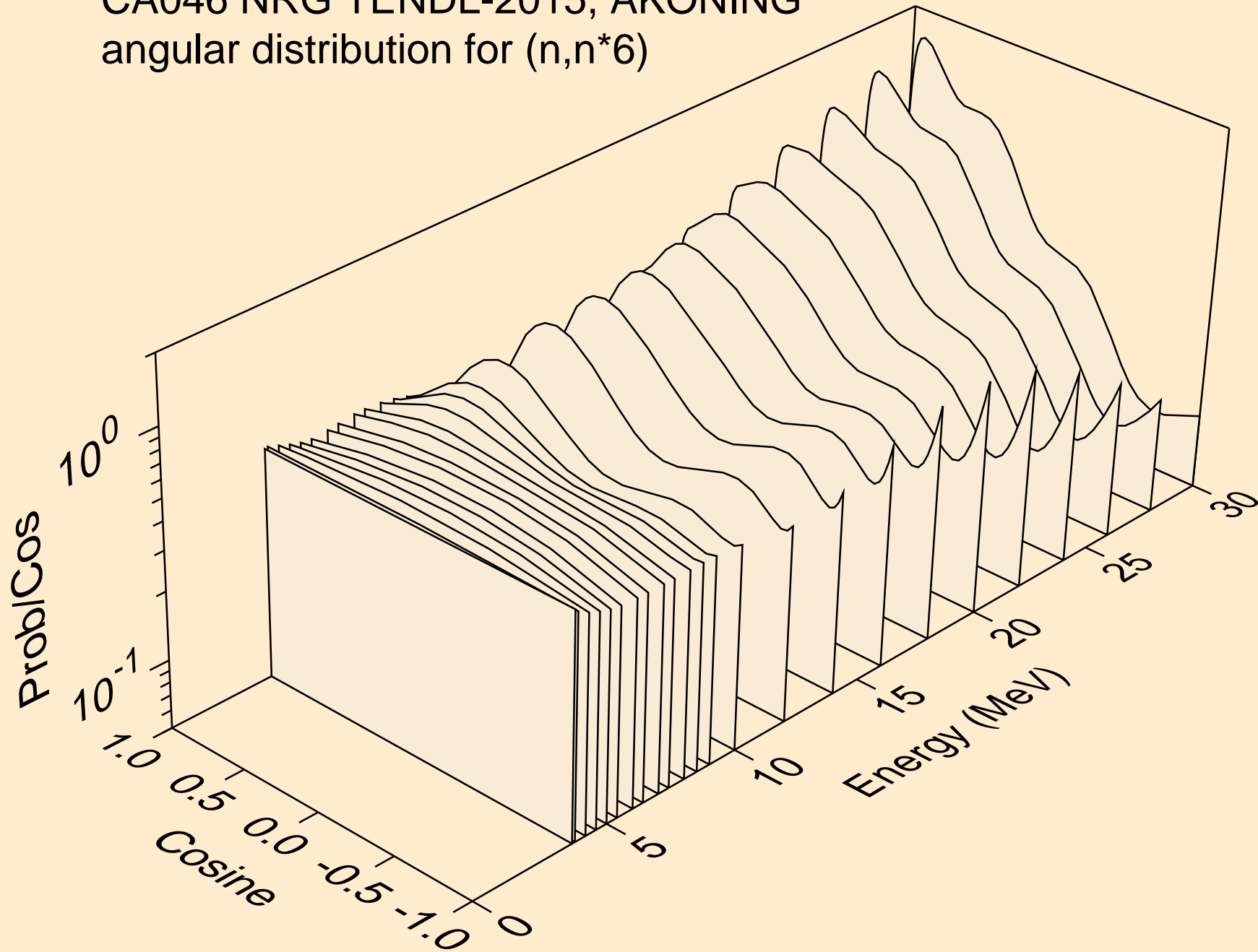
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



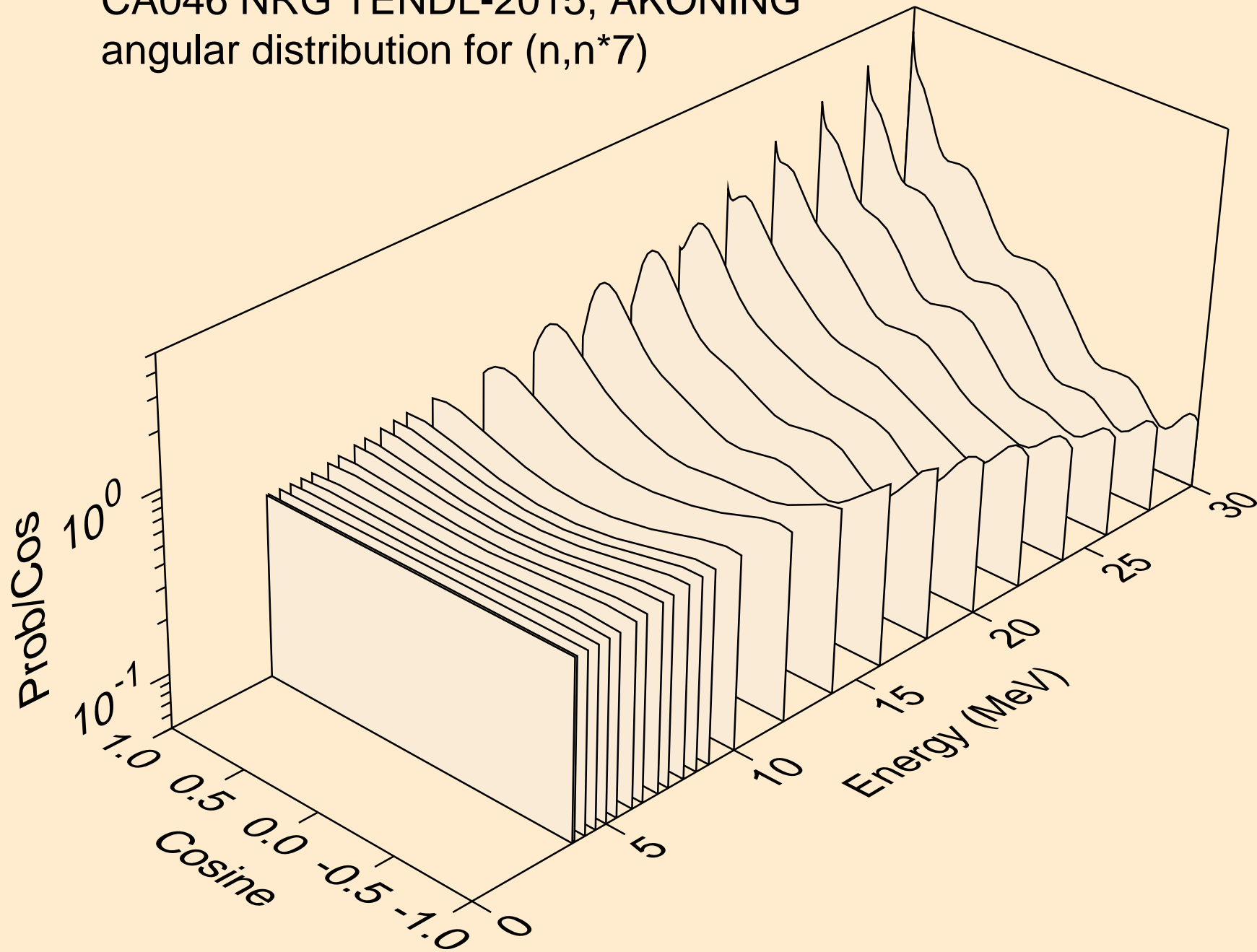
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

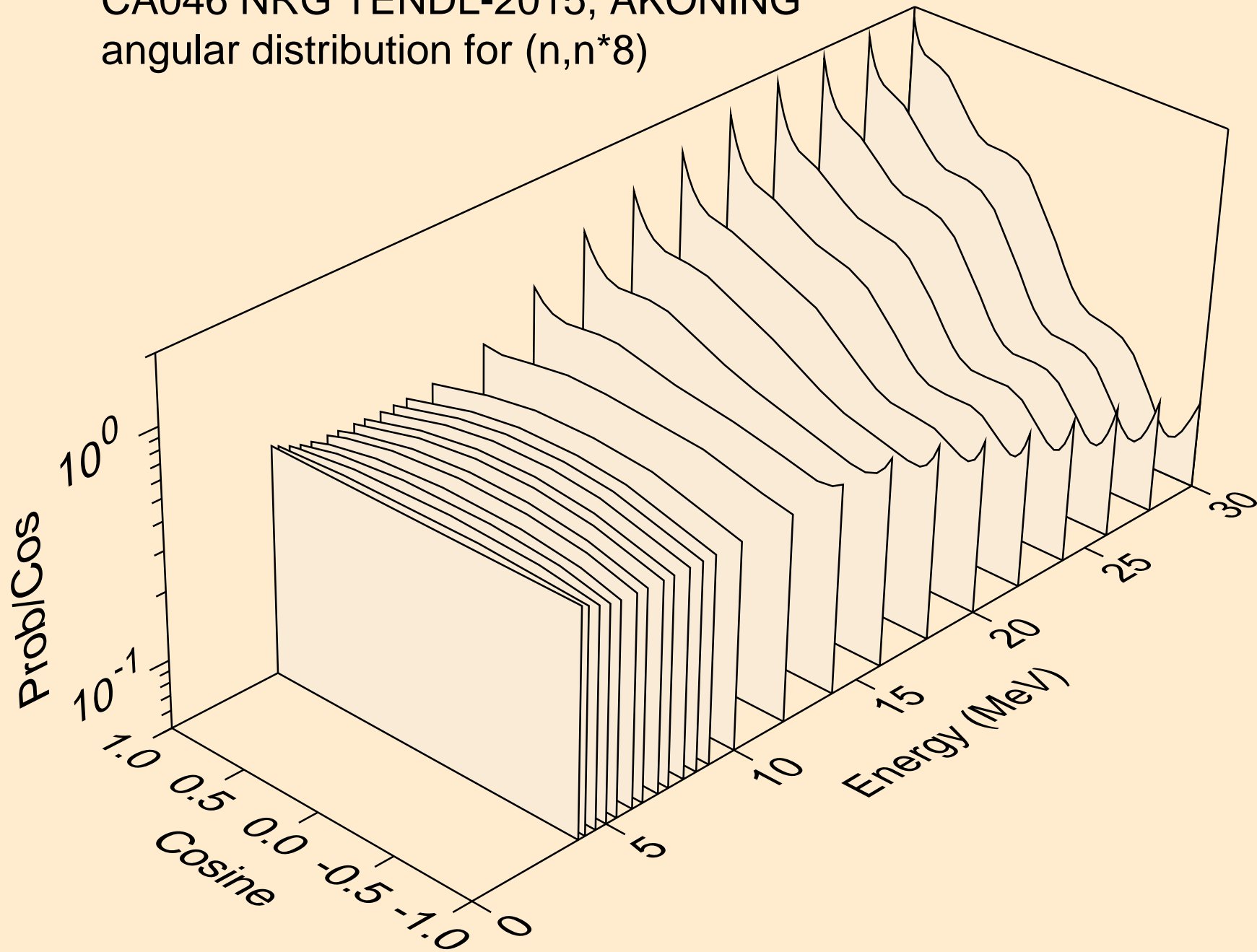


CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

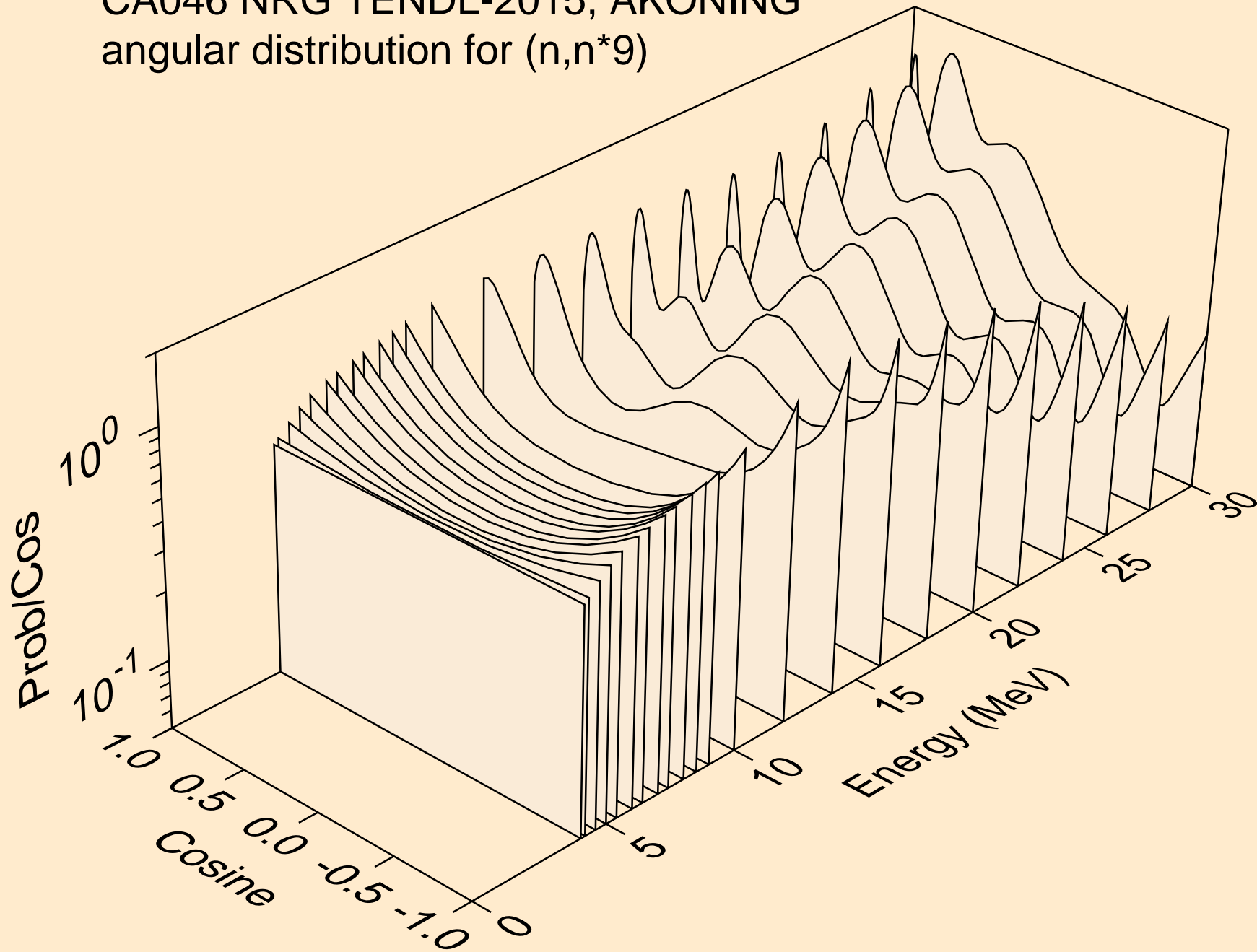




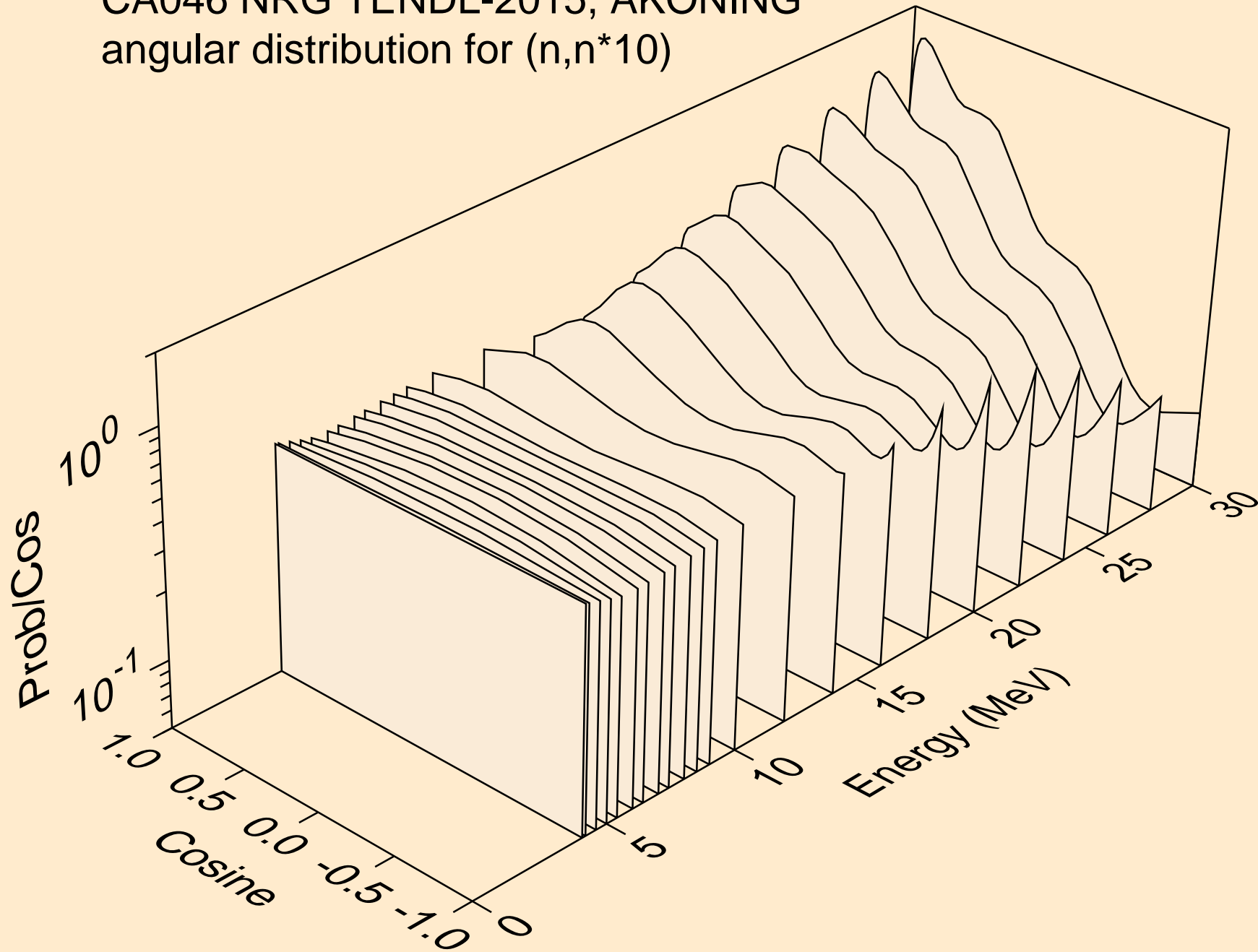
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



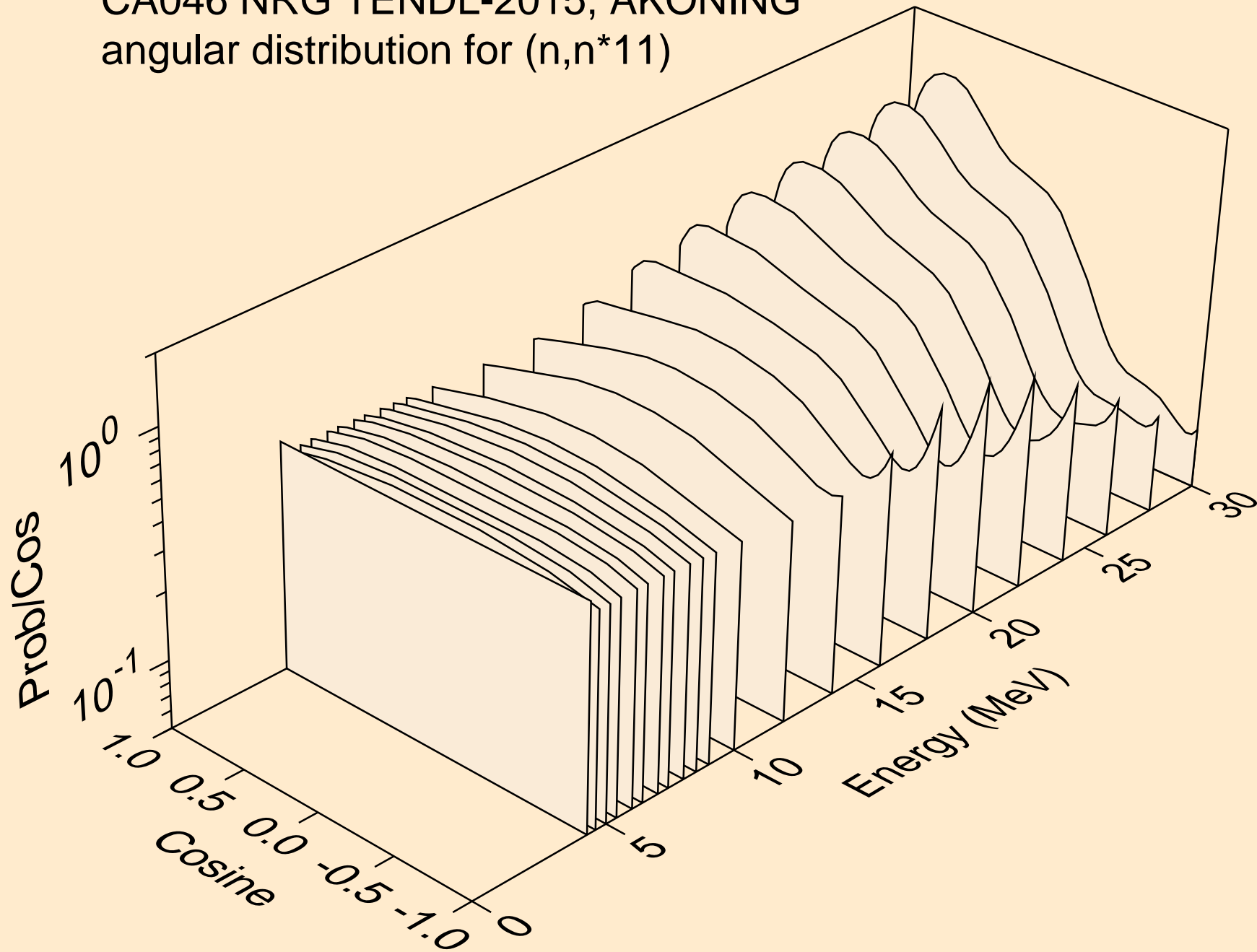
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angular distribution for (n,n\*9)



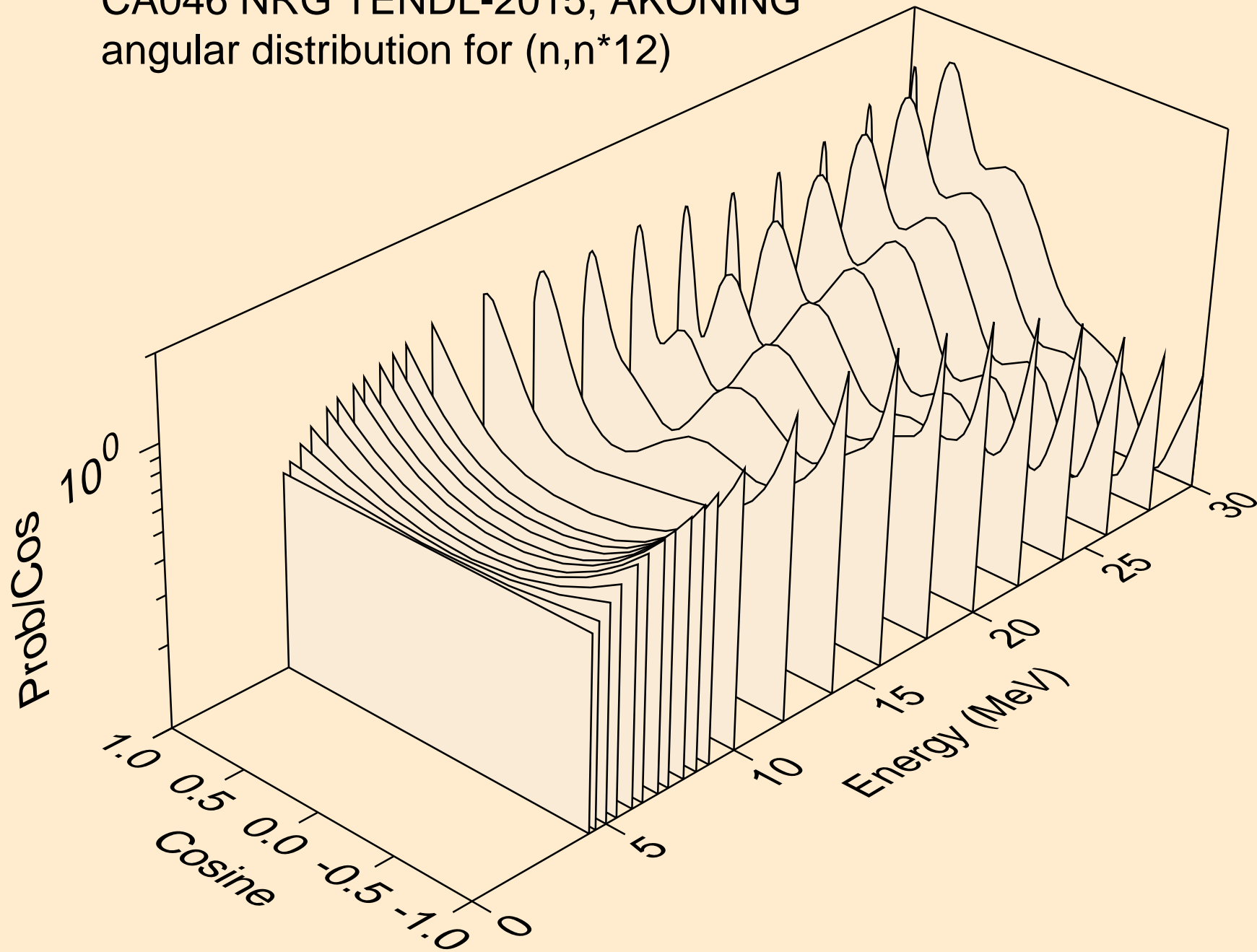
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angular distribution for (n,n\*10)



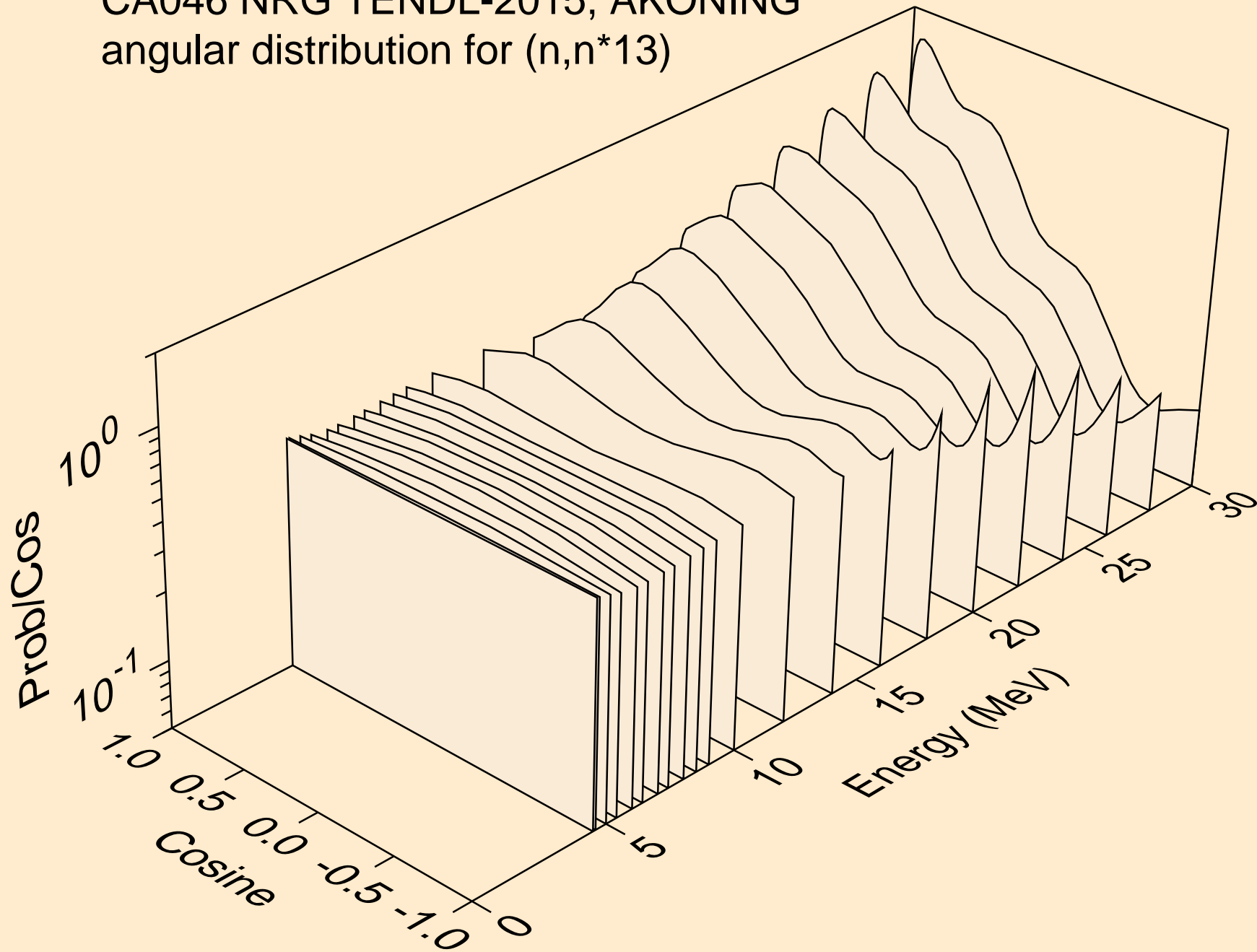
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



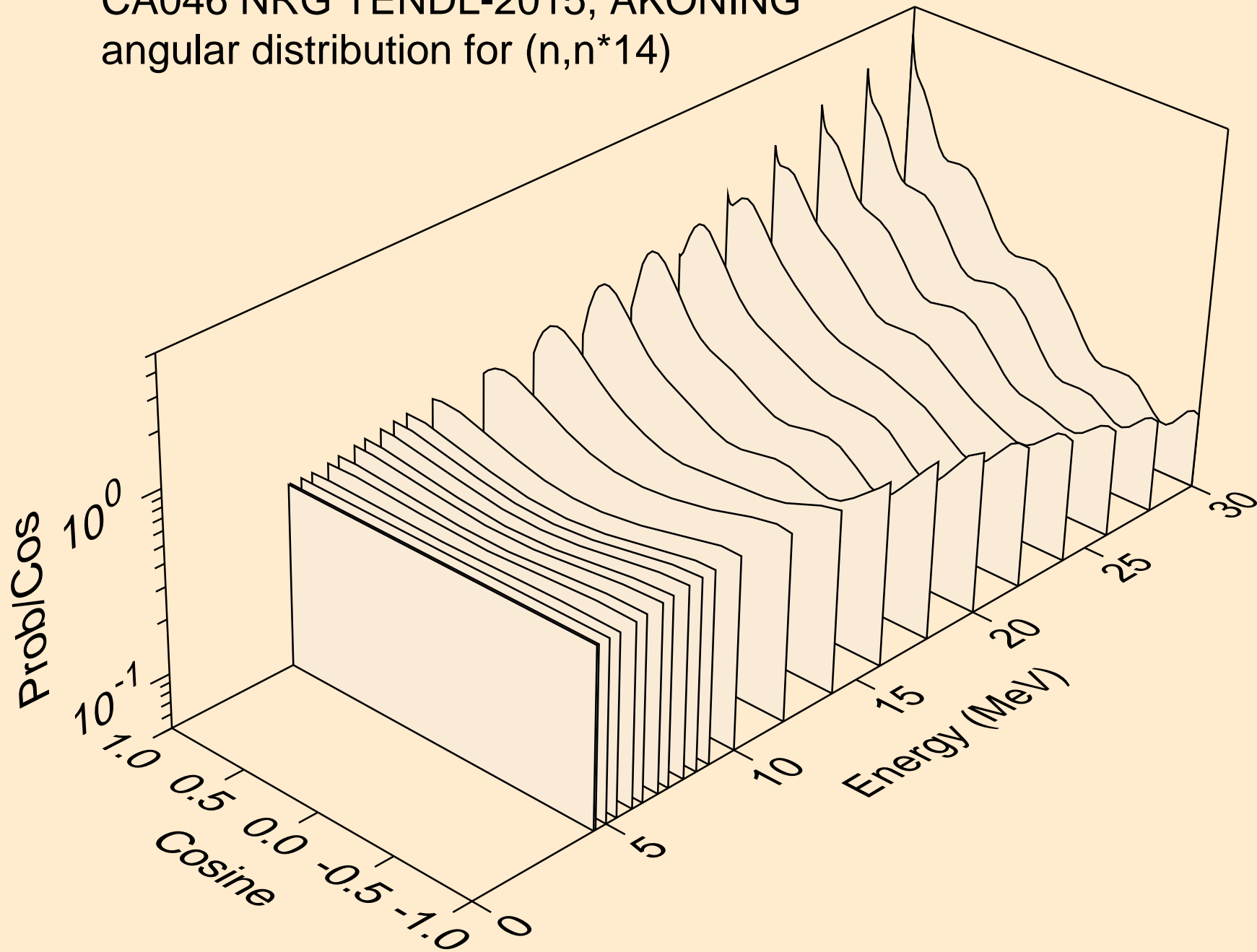
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angular distribution for (n,n\*12)



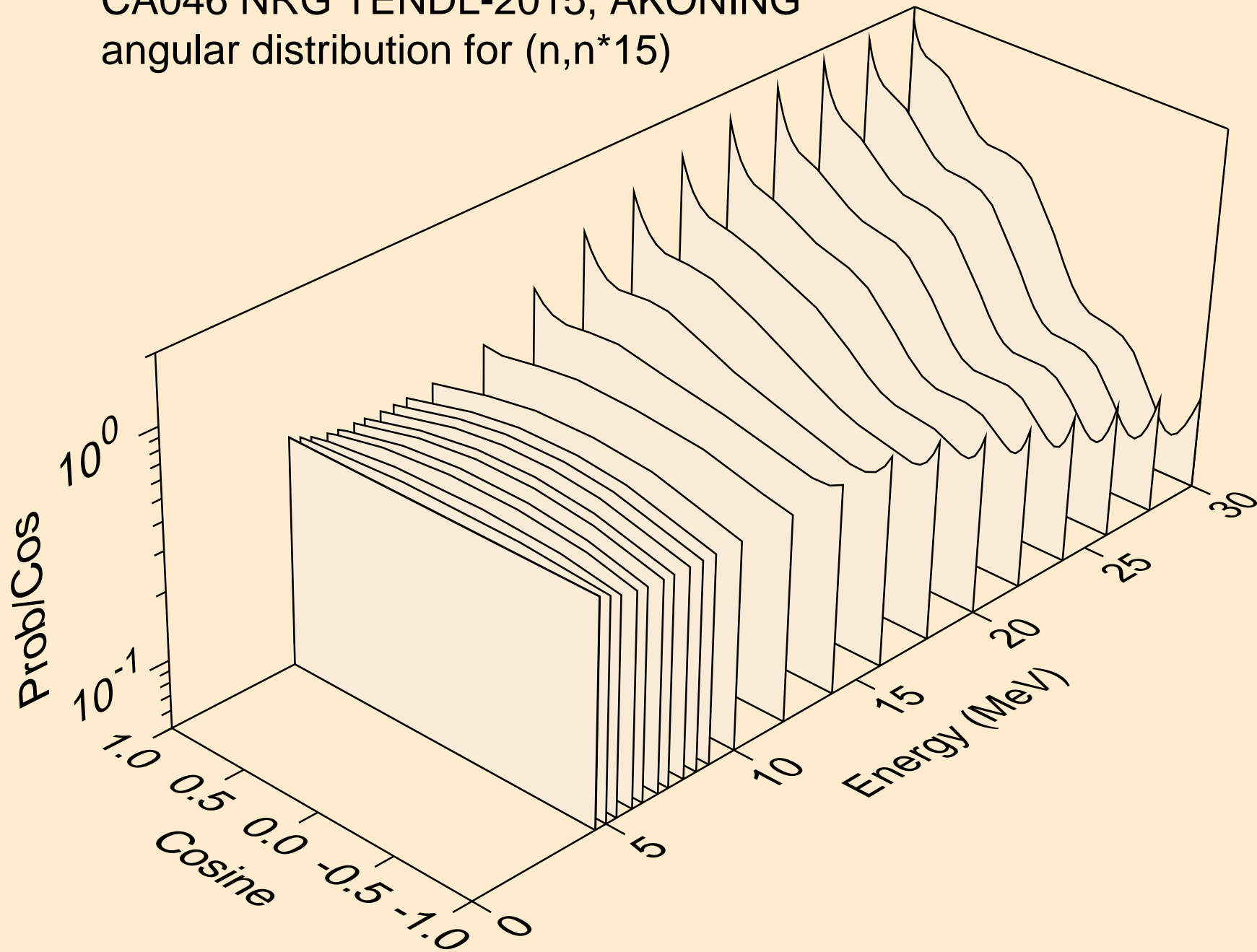
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

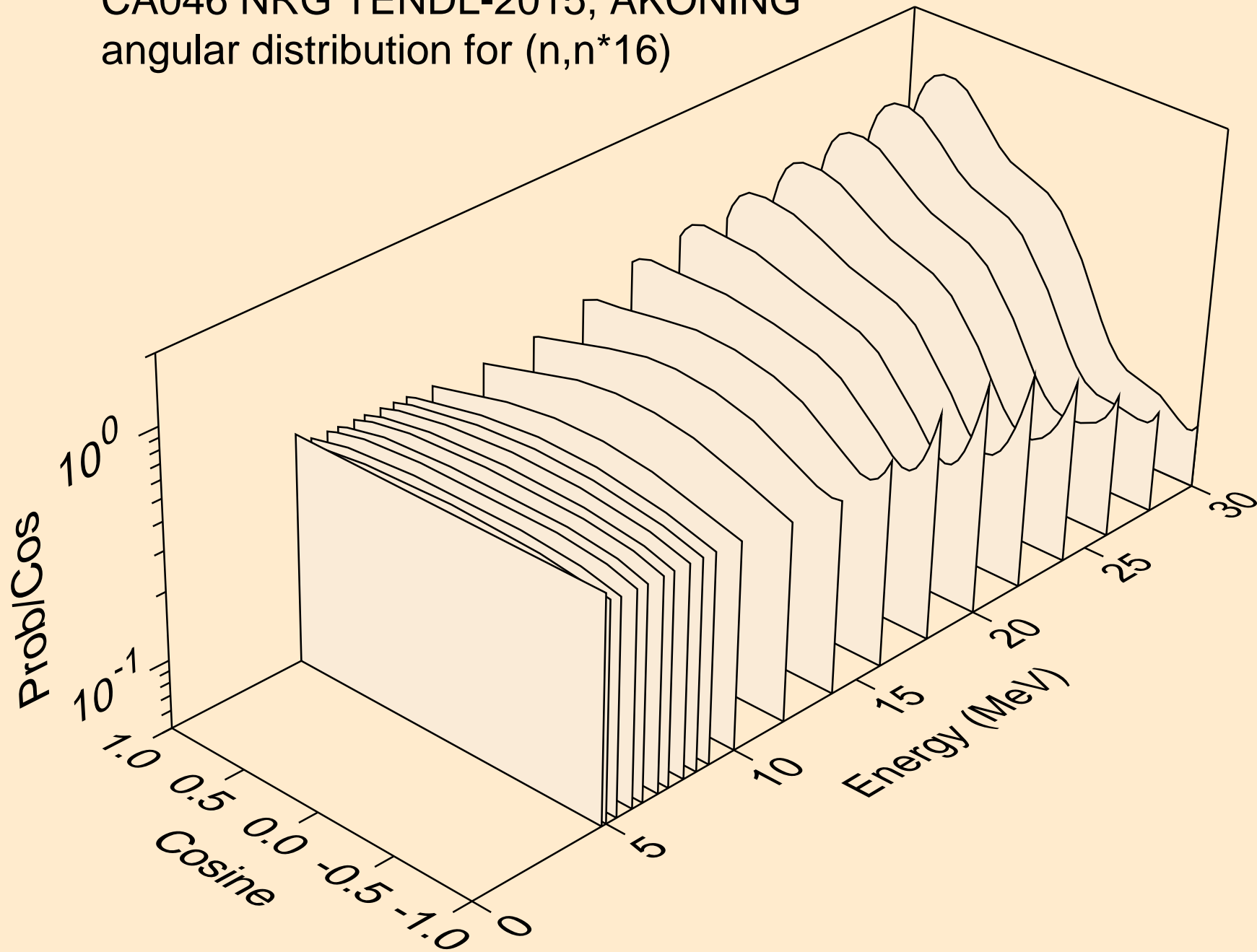


CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

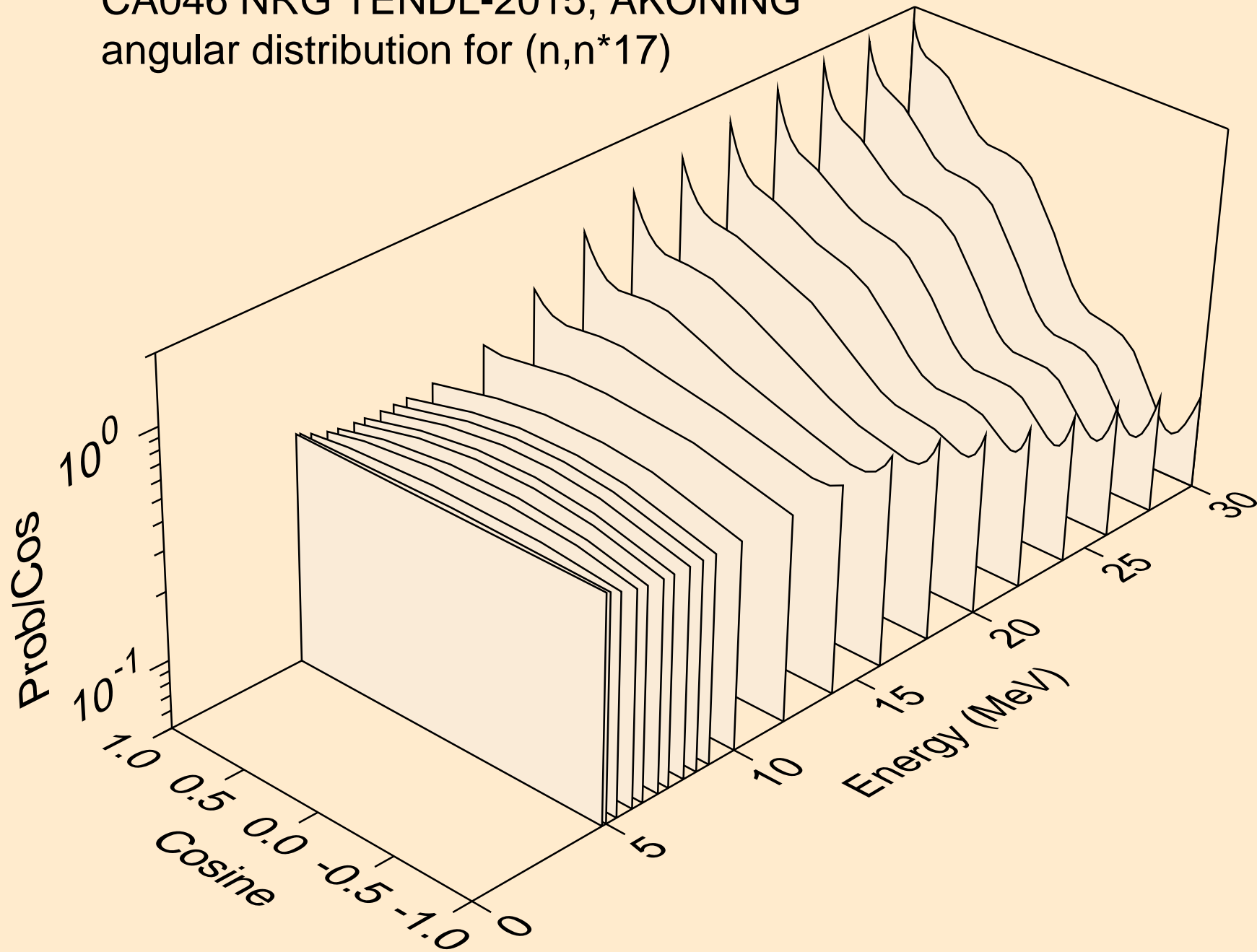




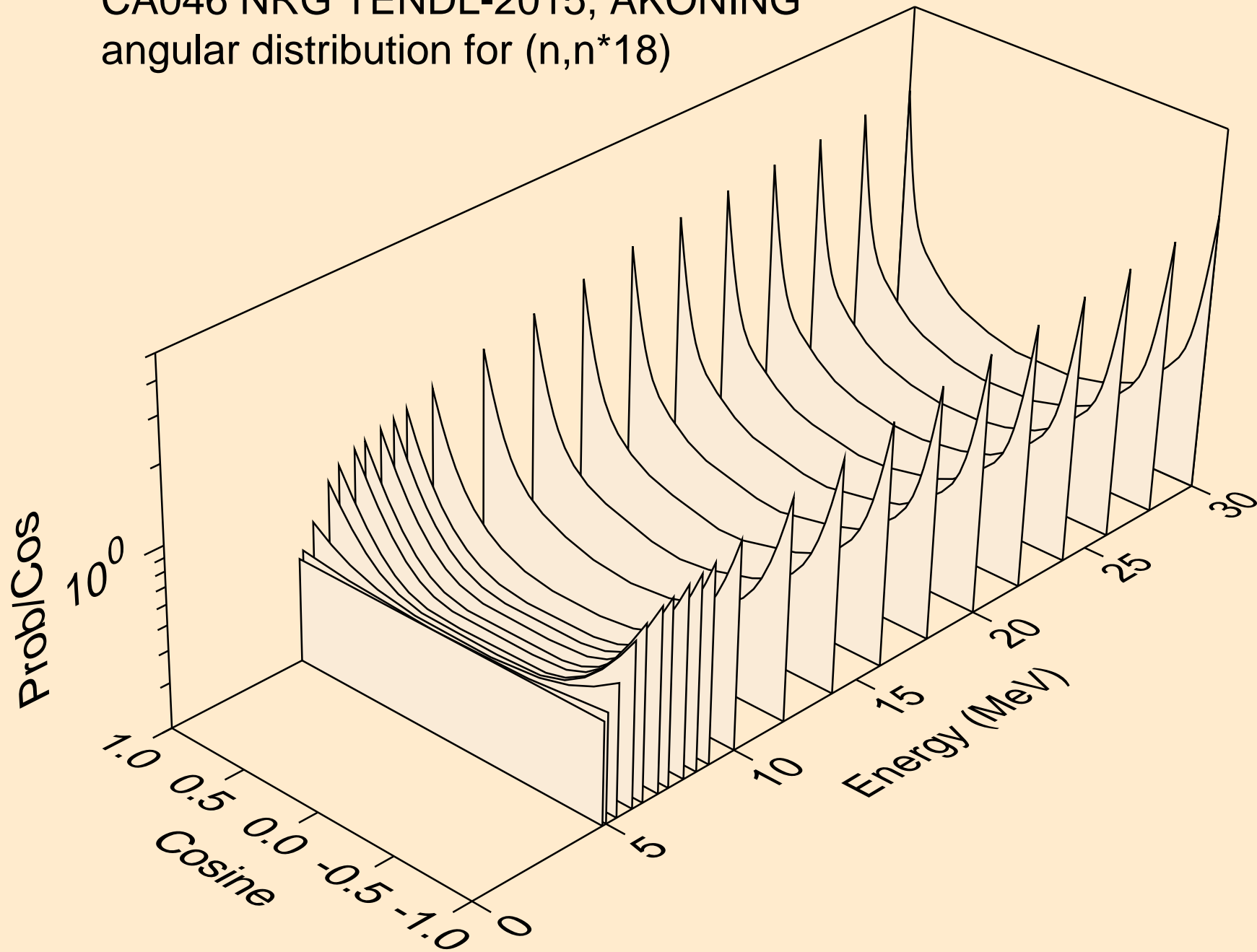
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angular distribution for (n,n\*16)



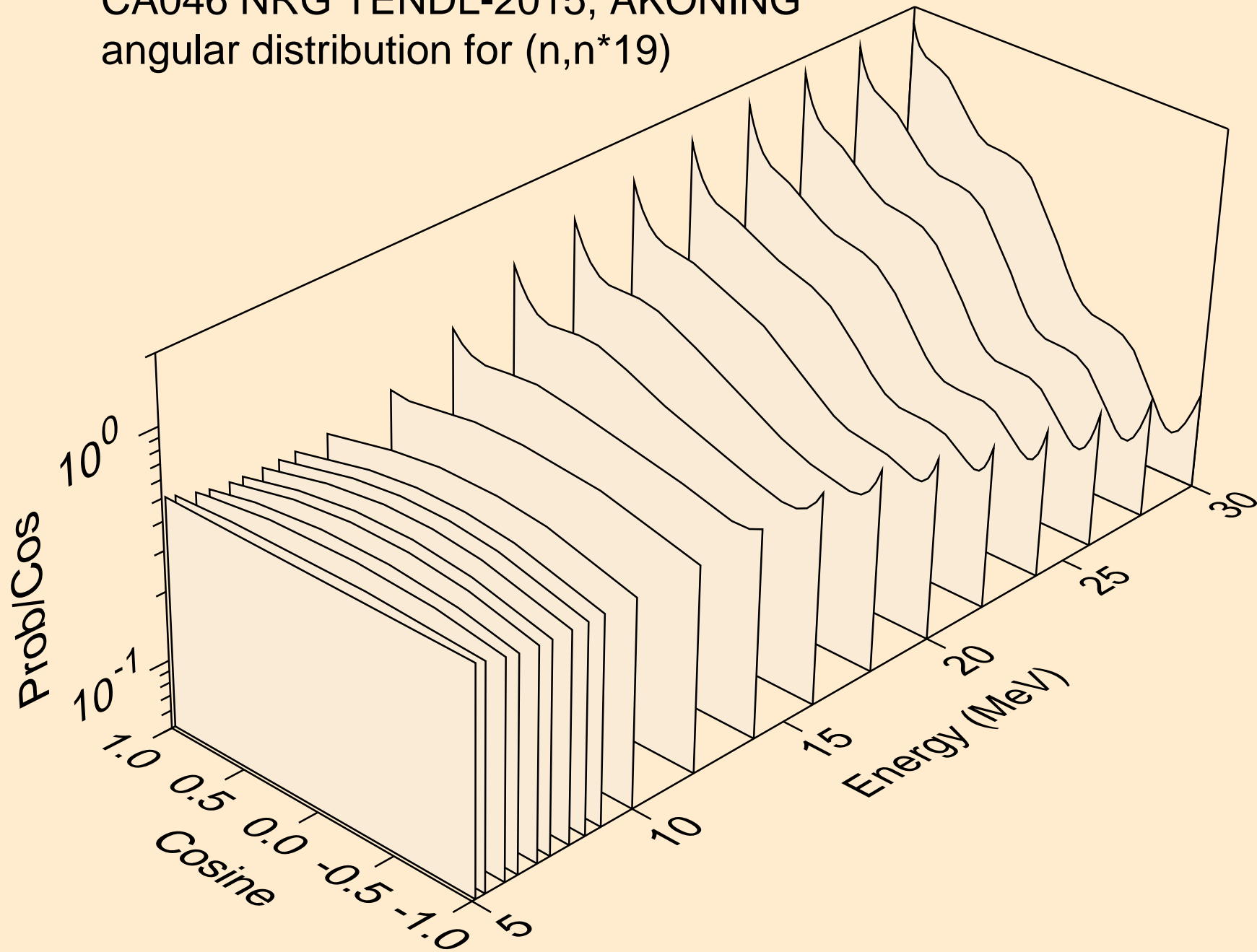
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angular distribution for (n,n\*17)



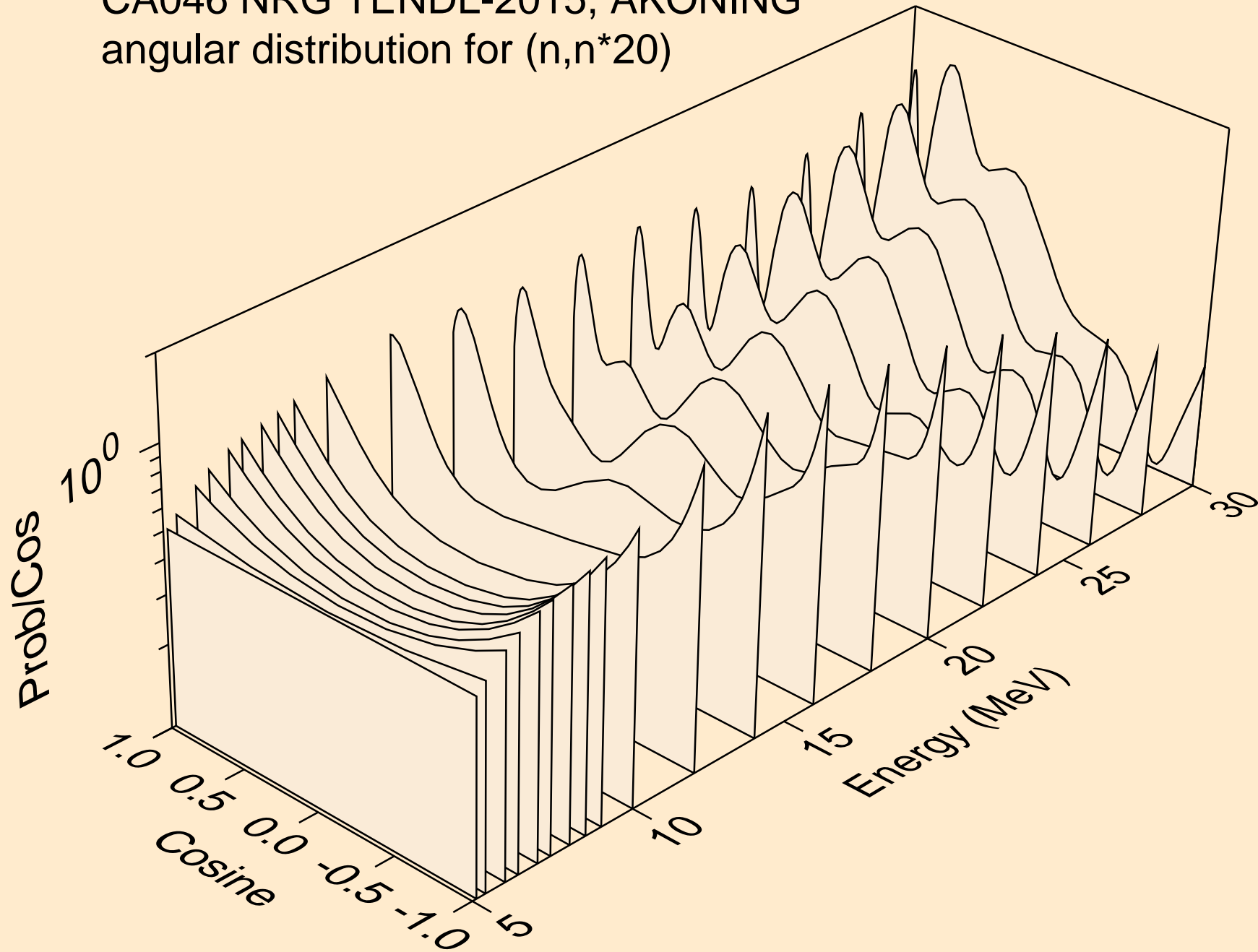
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angular distribution for (n,n\*18)



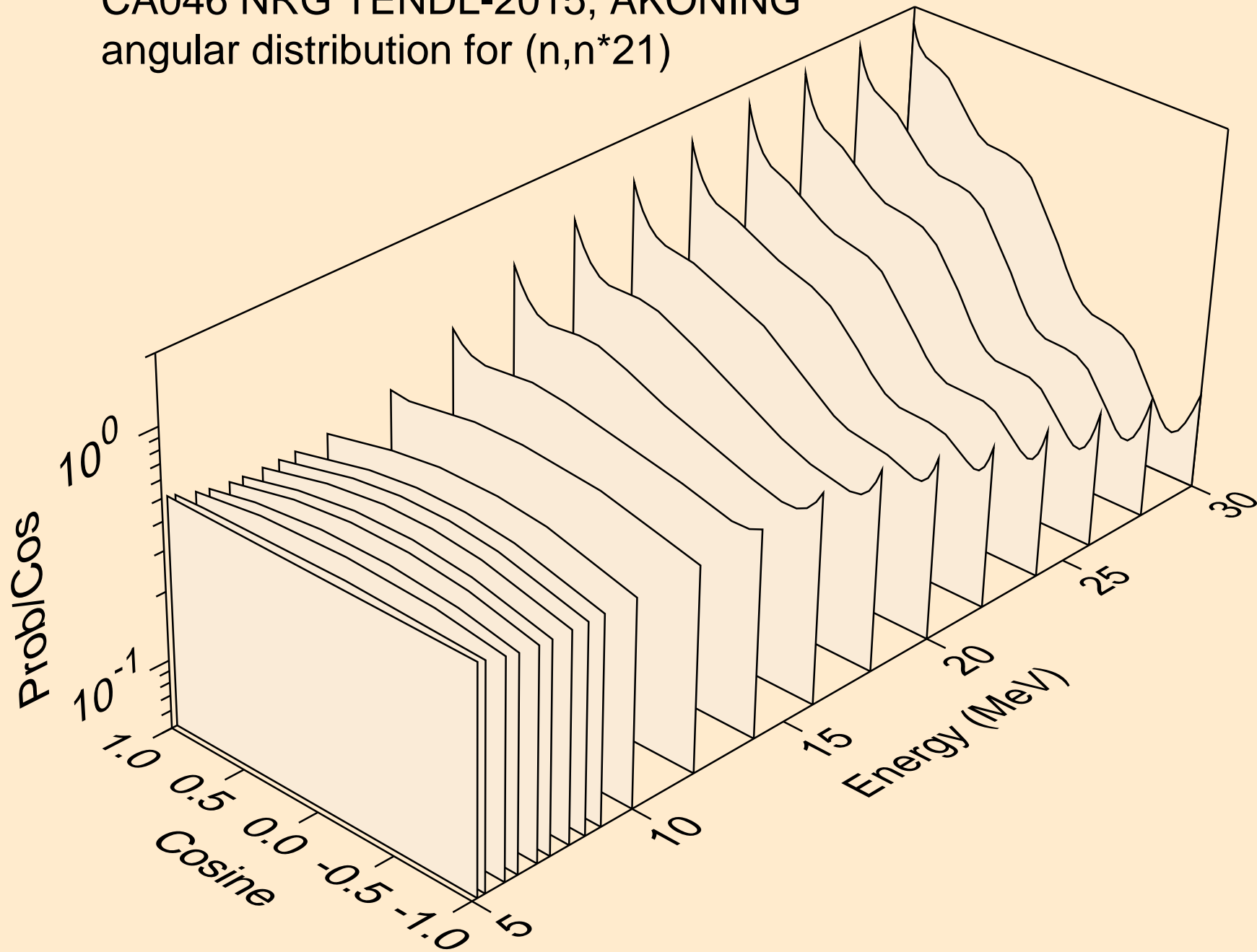
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angular distribution for (n,n\*19)



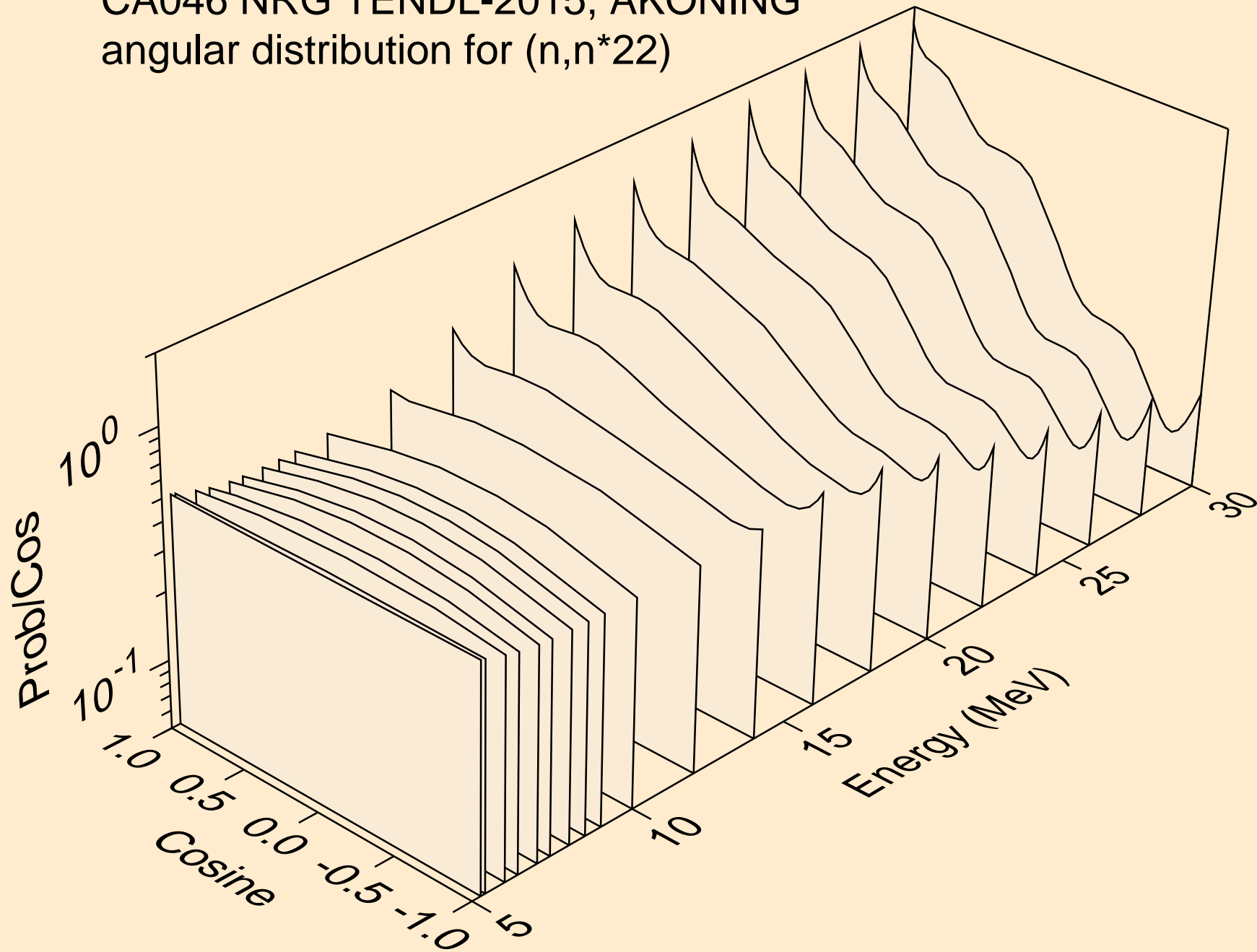
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



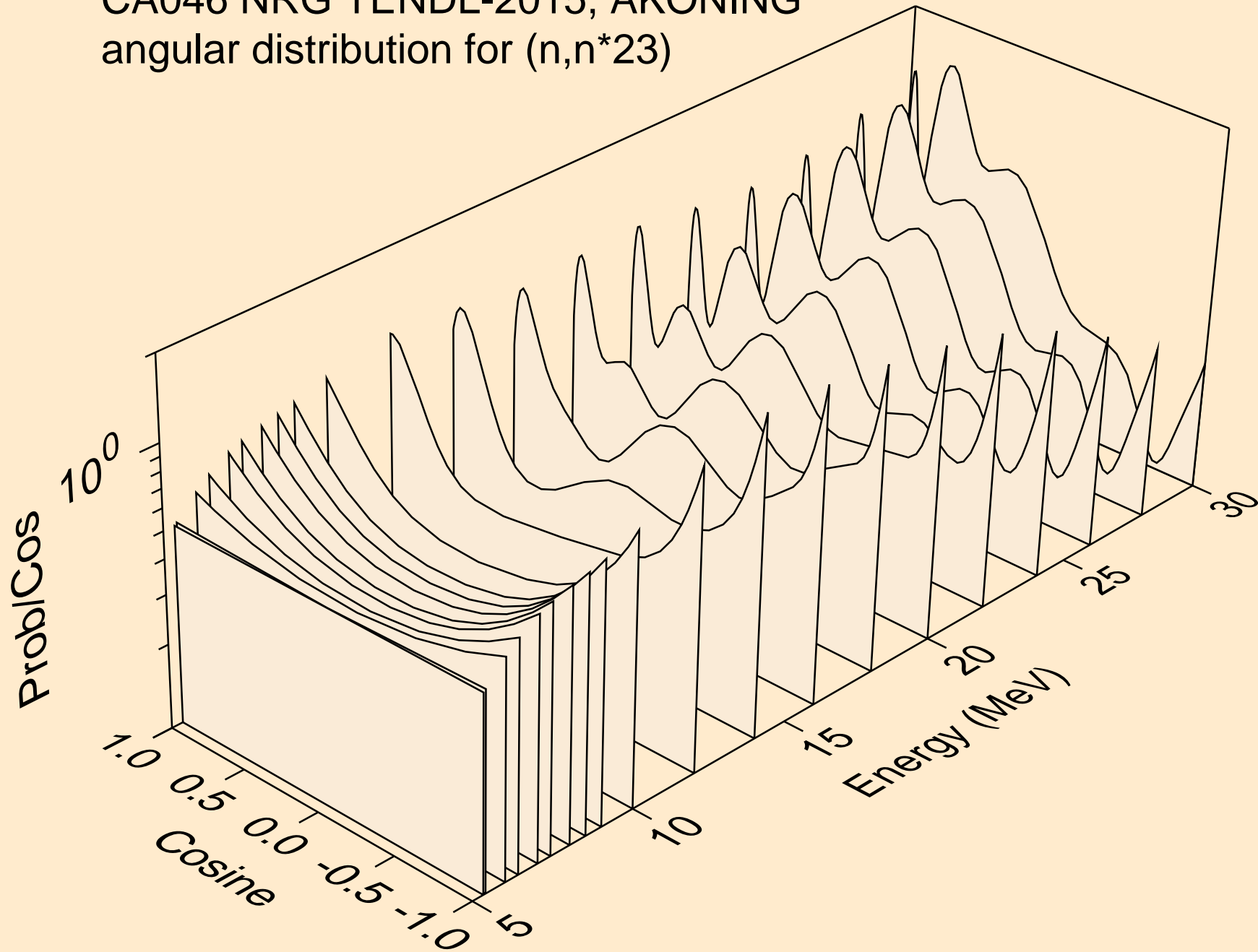
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

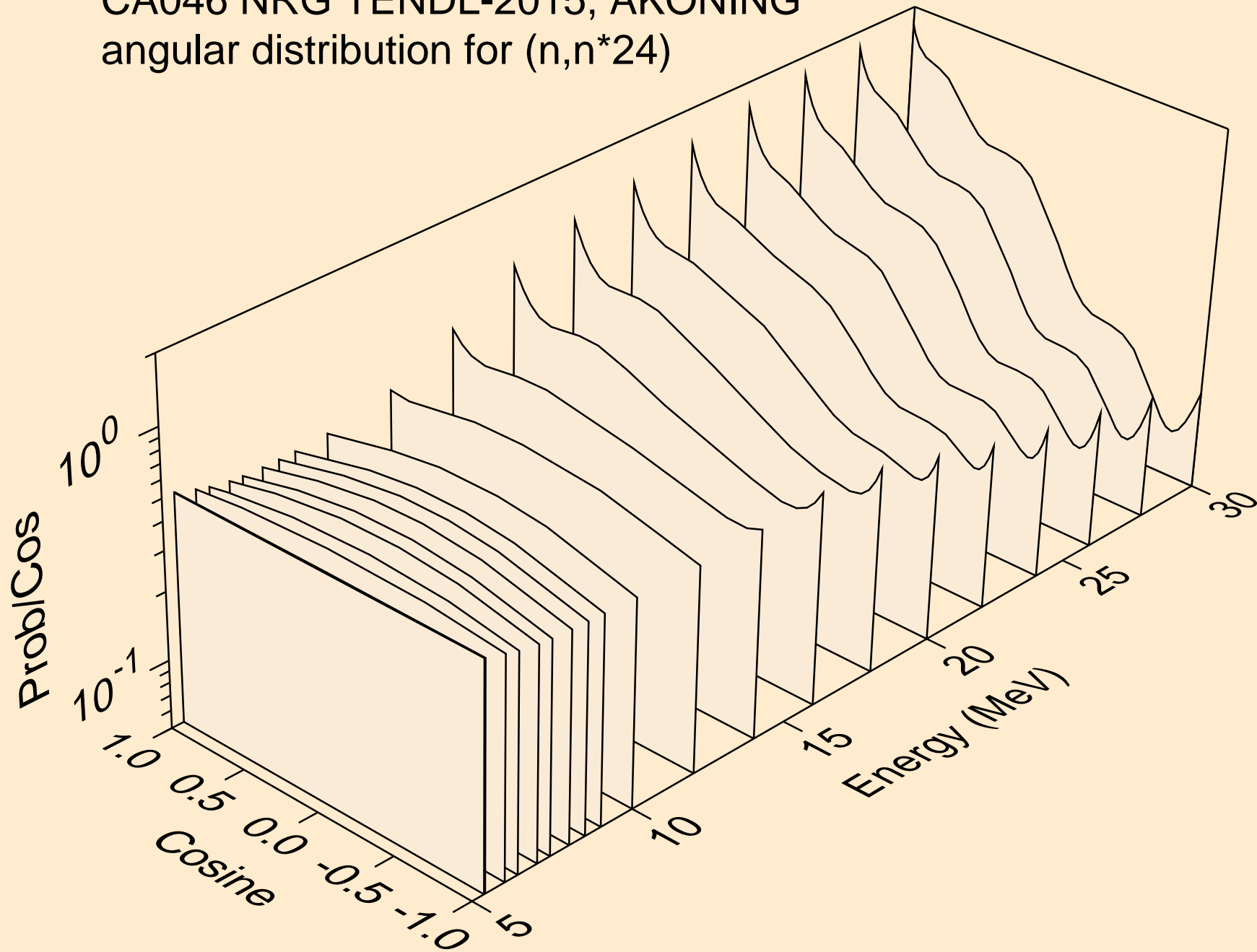


CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

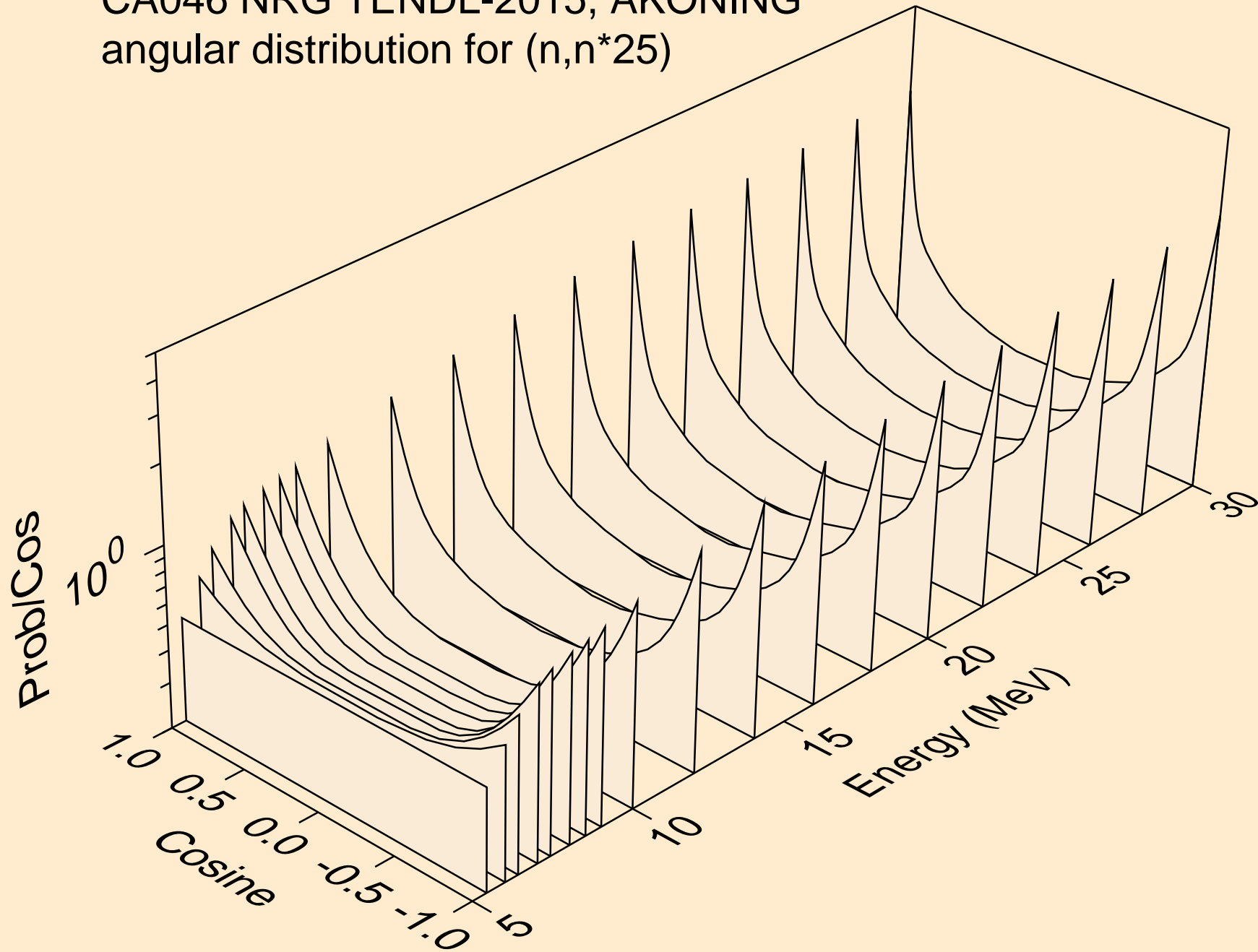




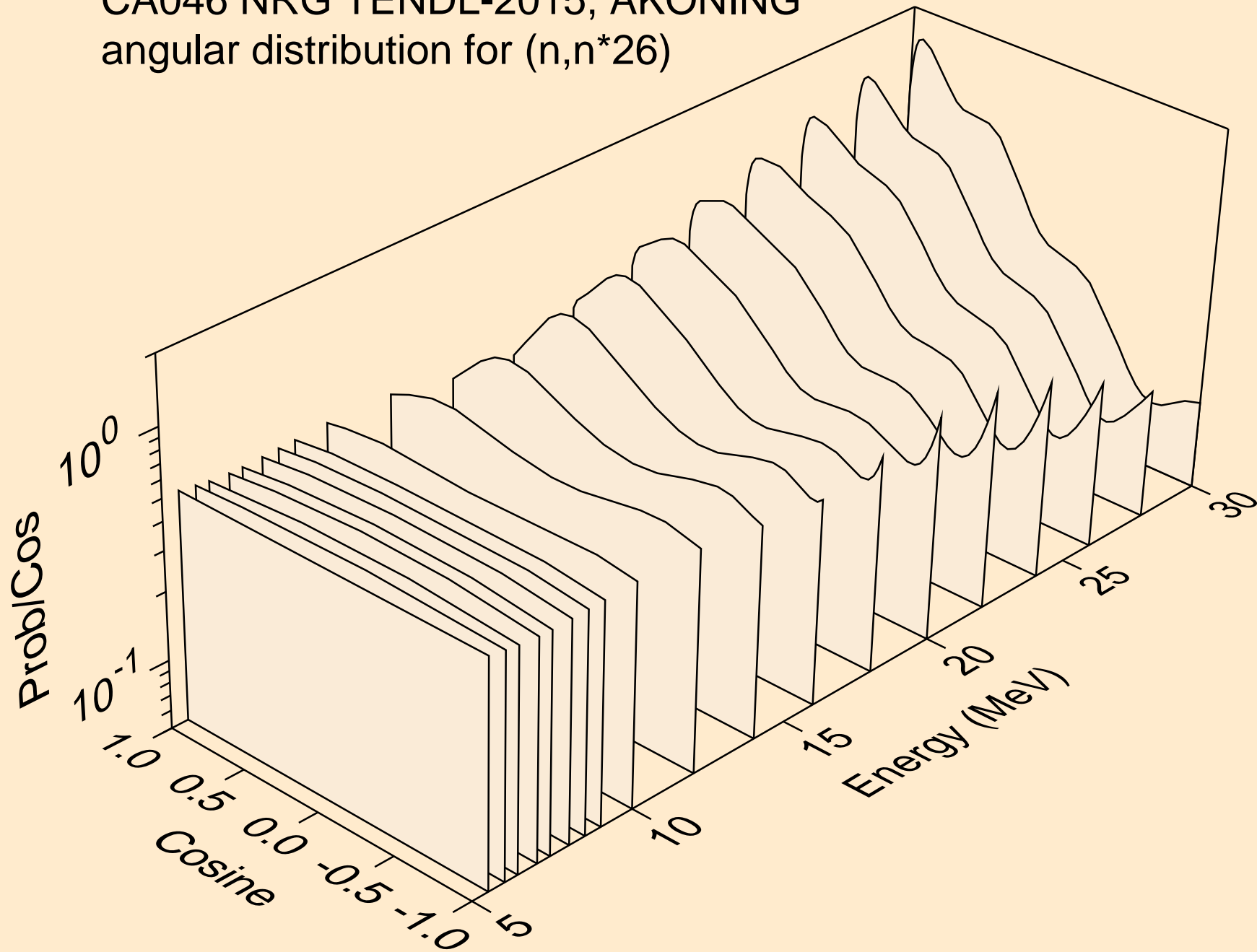
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



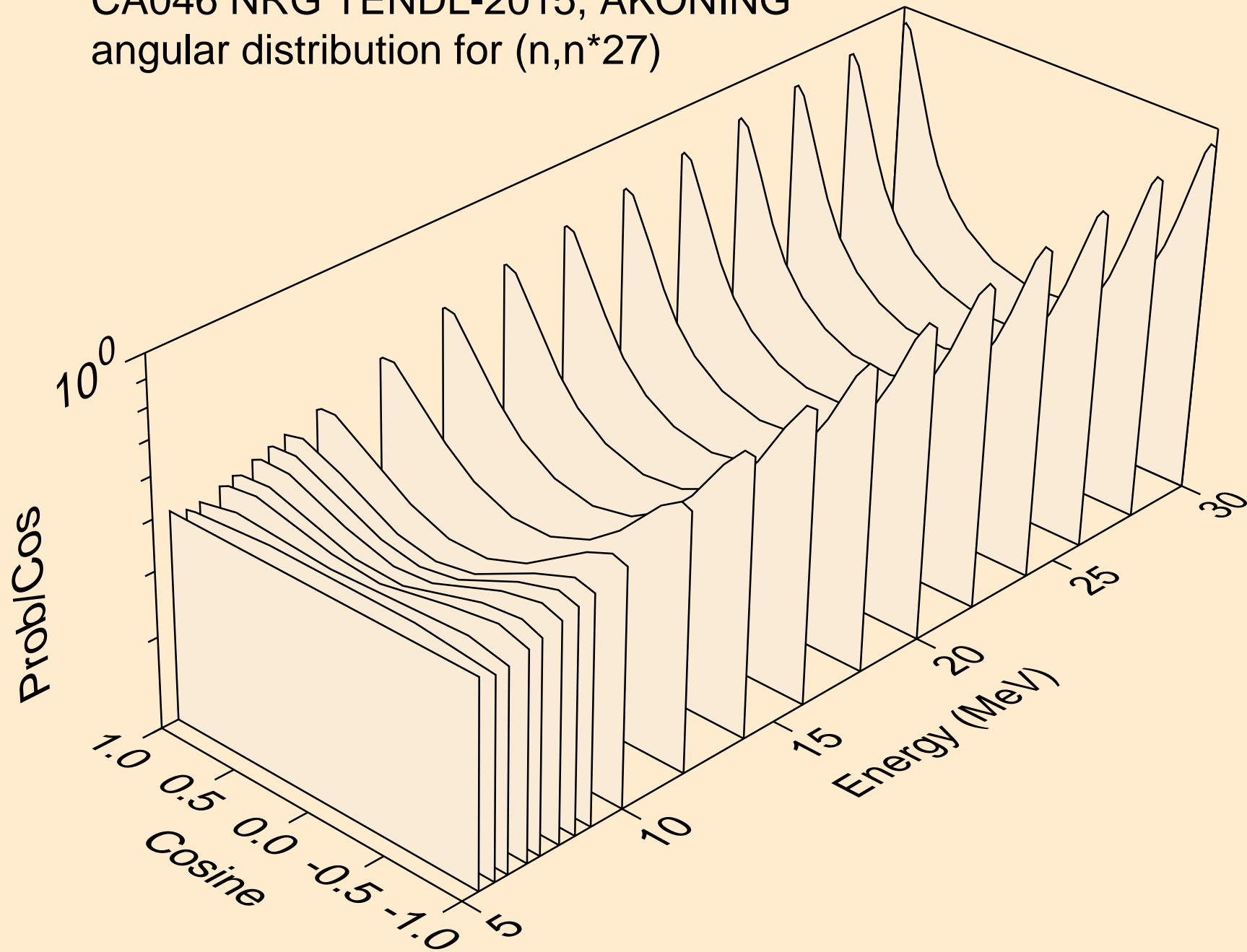
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



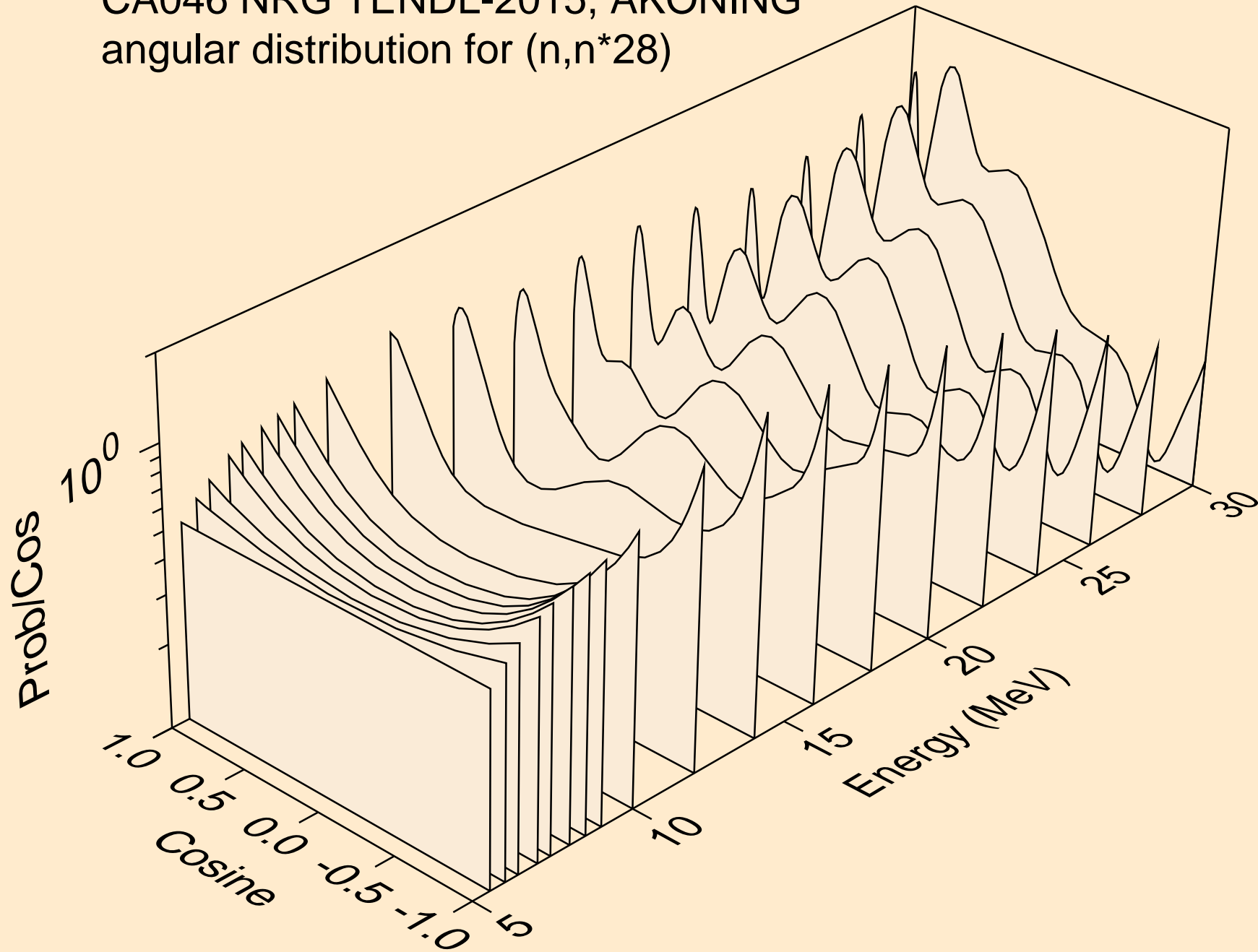
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angular distribution for (n,n\*26)



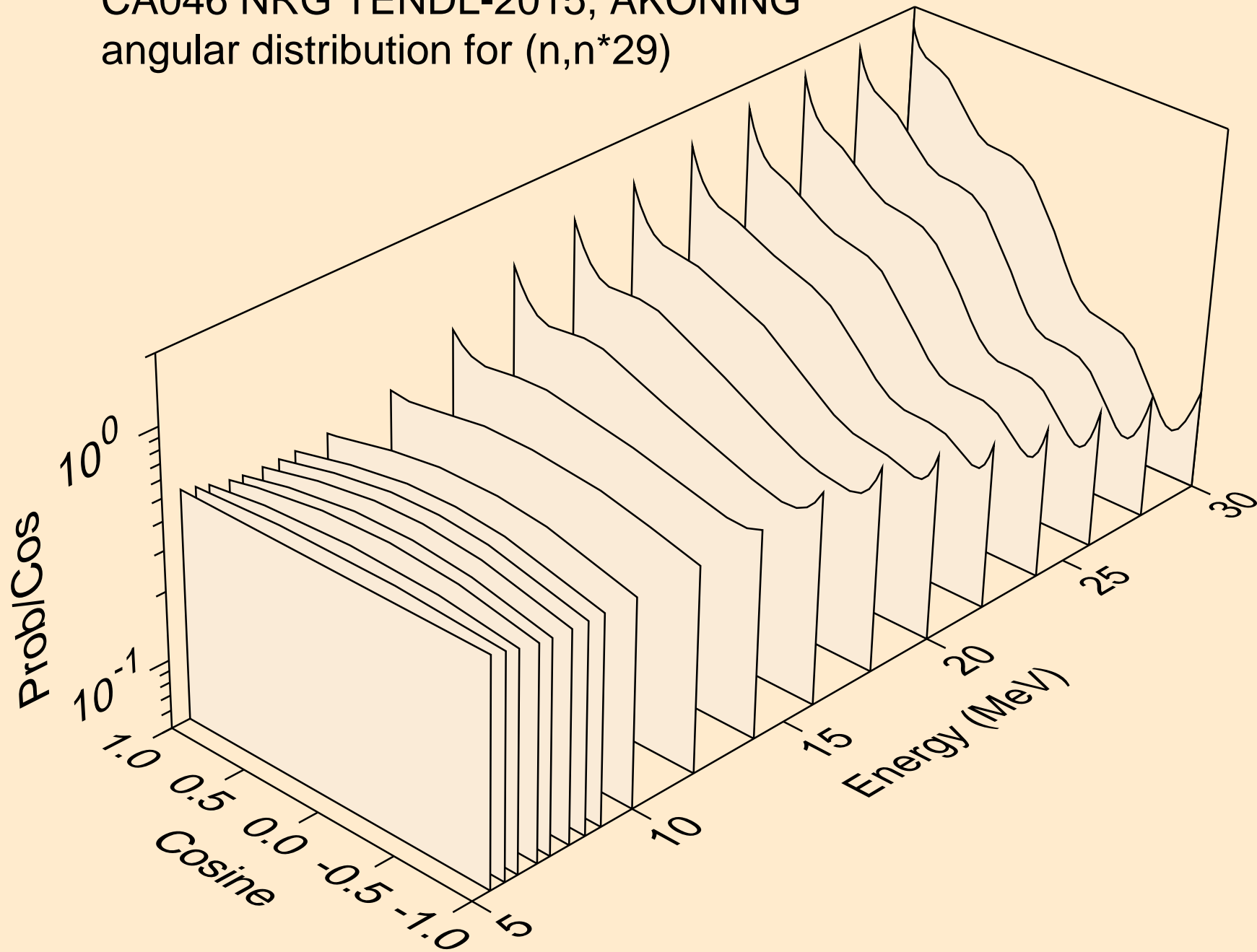
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



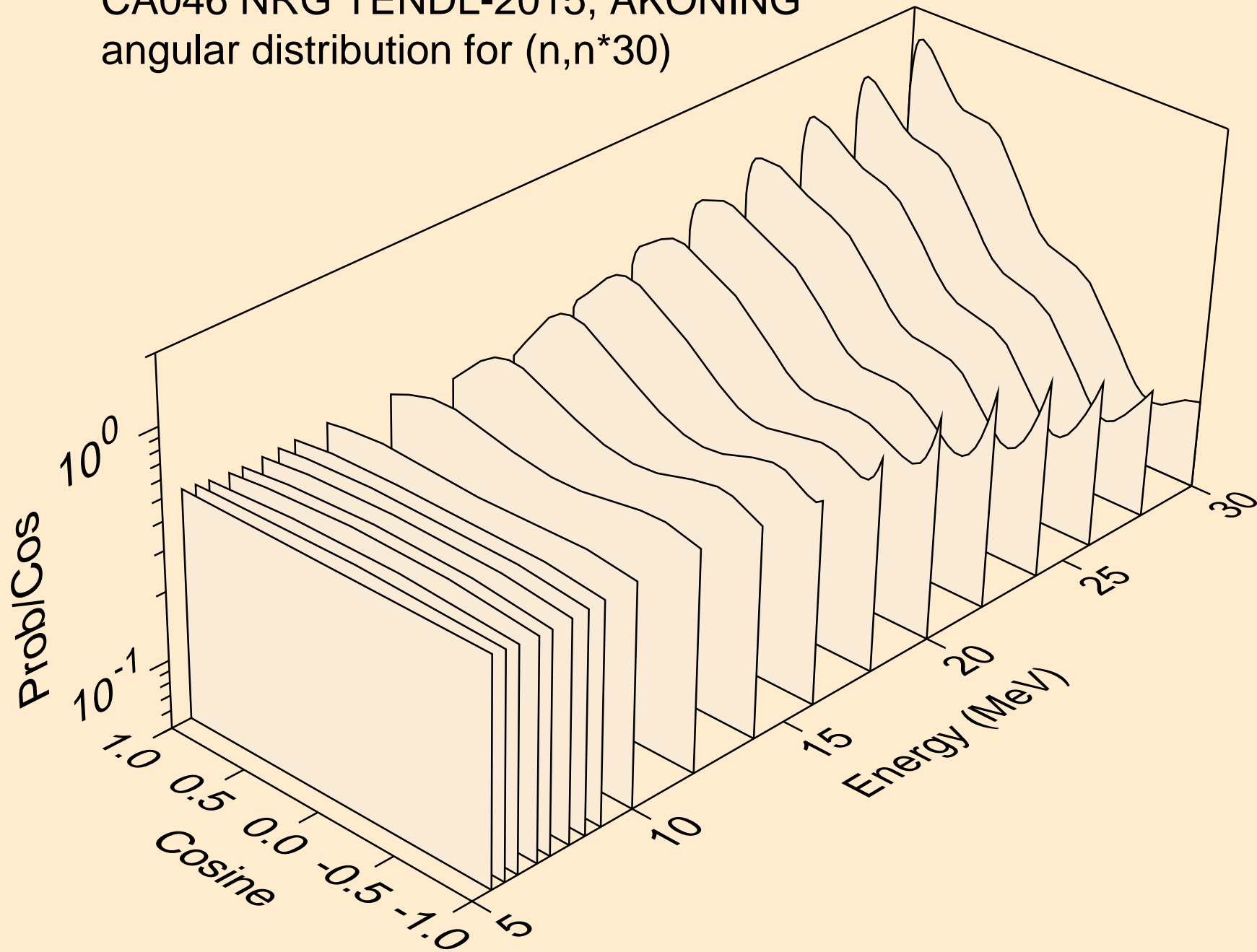
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



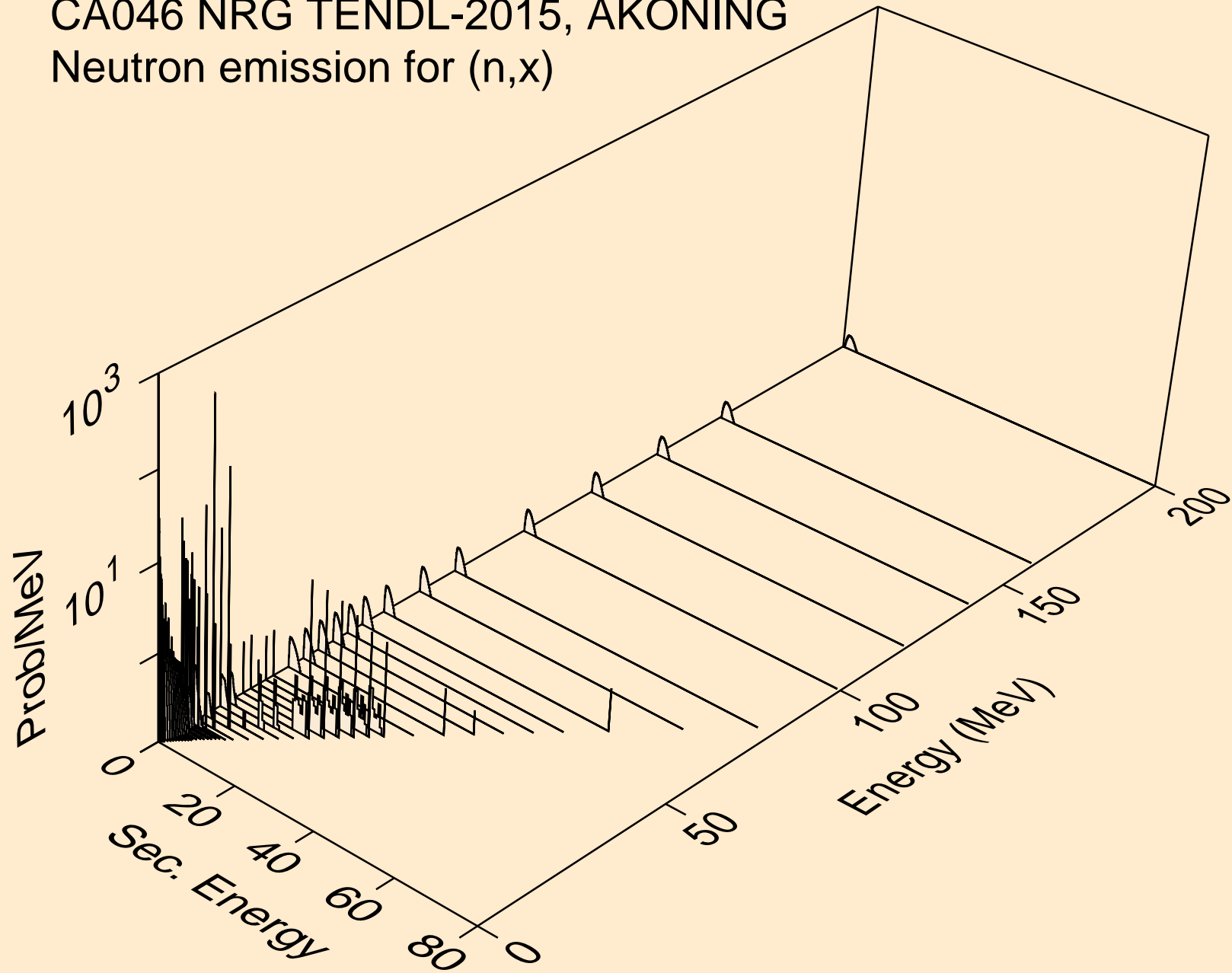
CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



CA046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

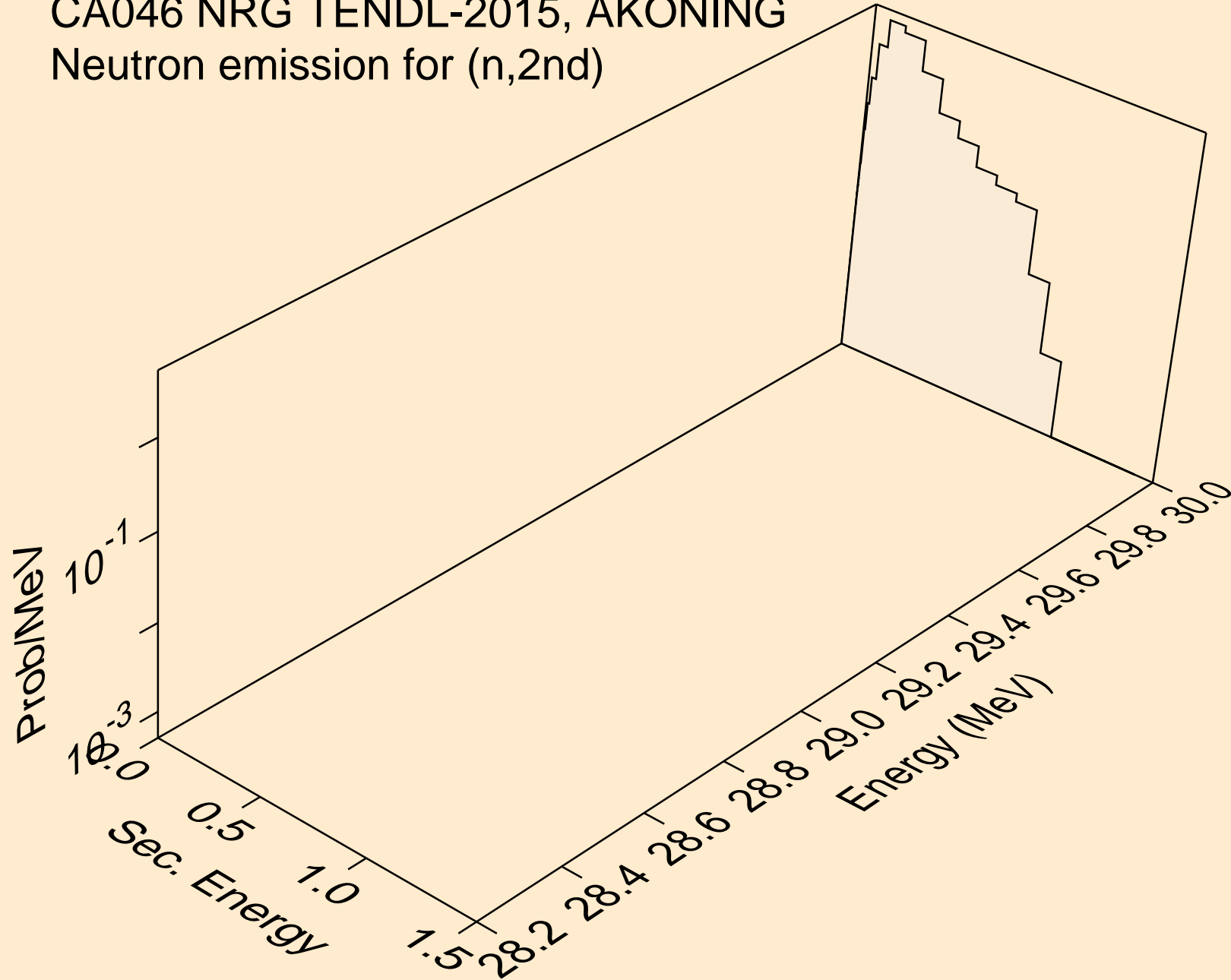


CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

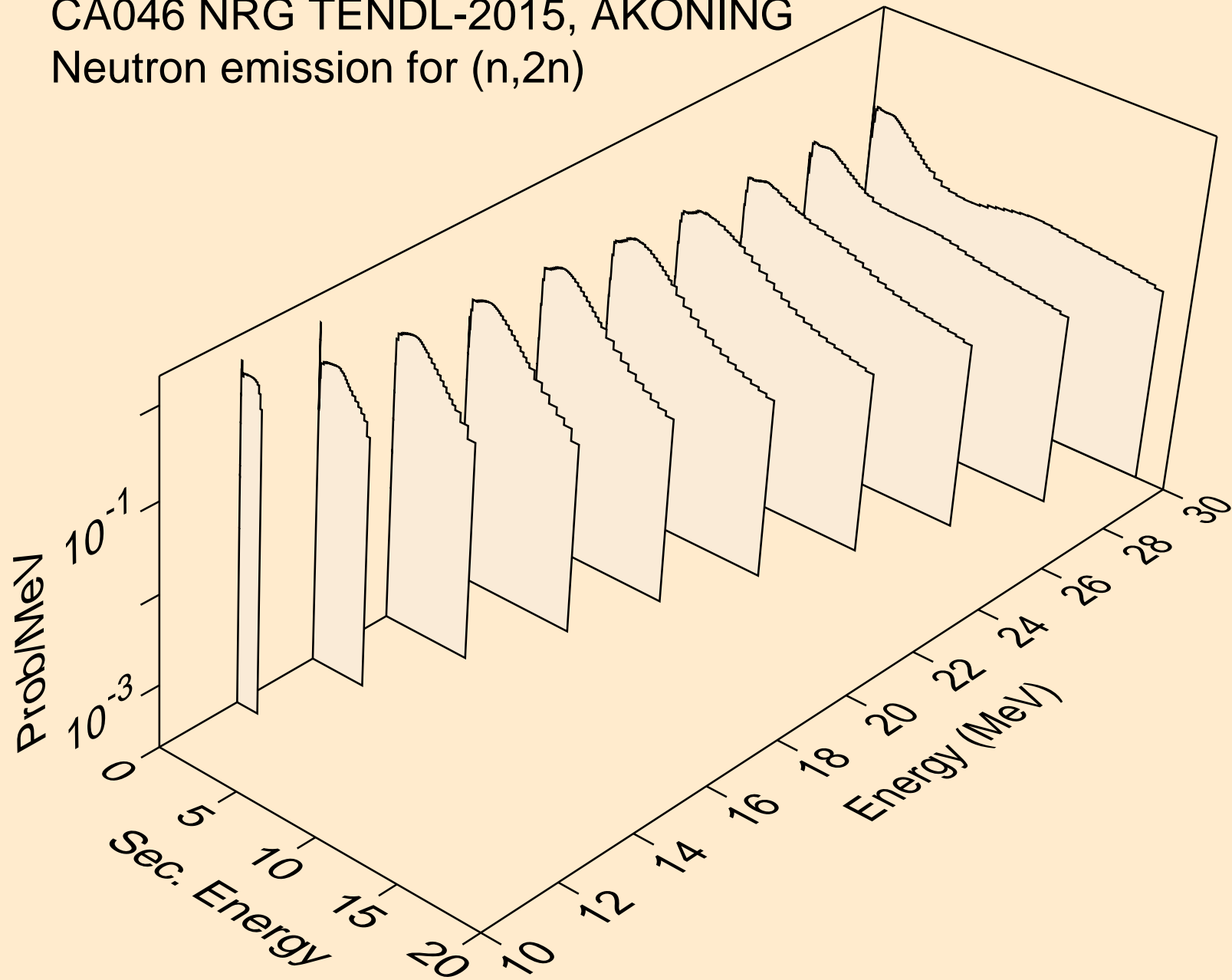




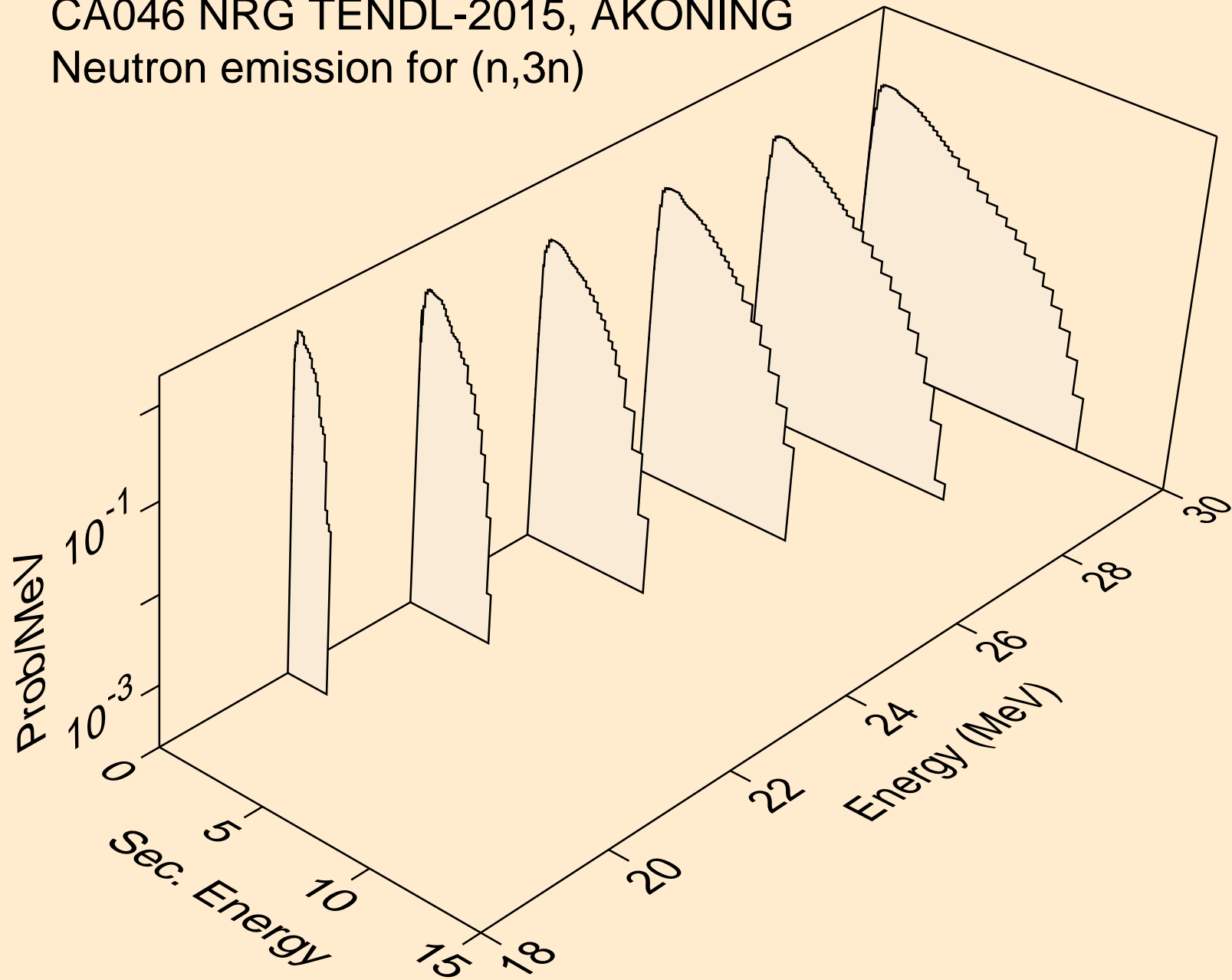
CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



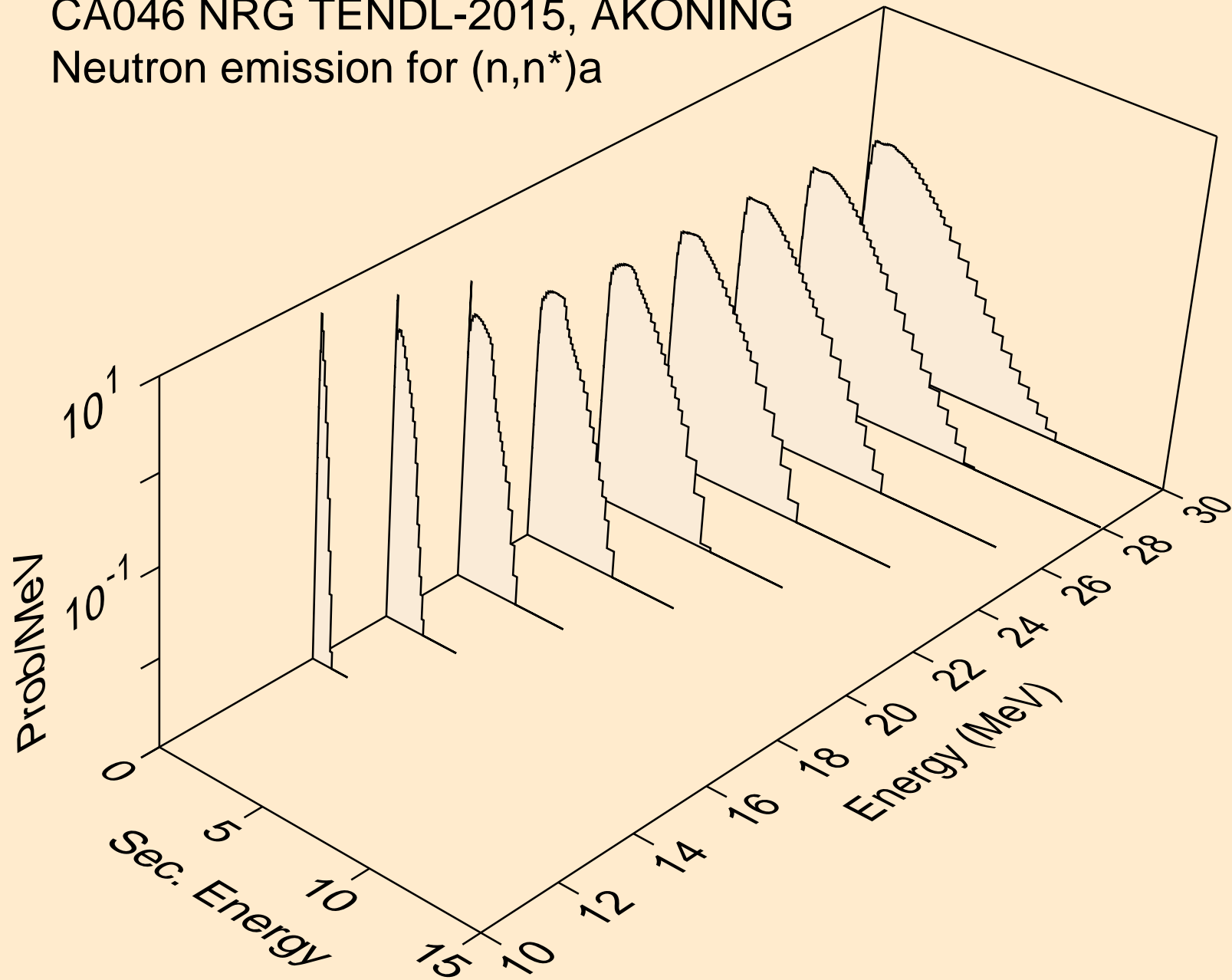
CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



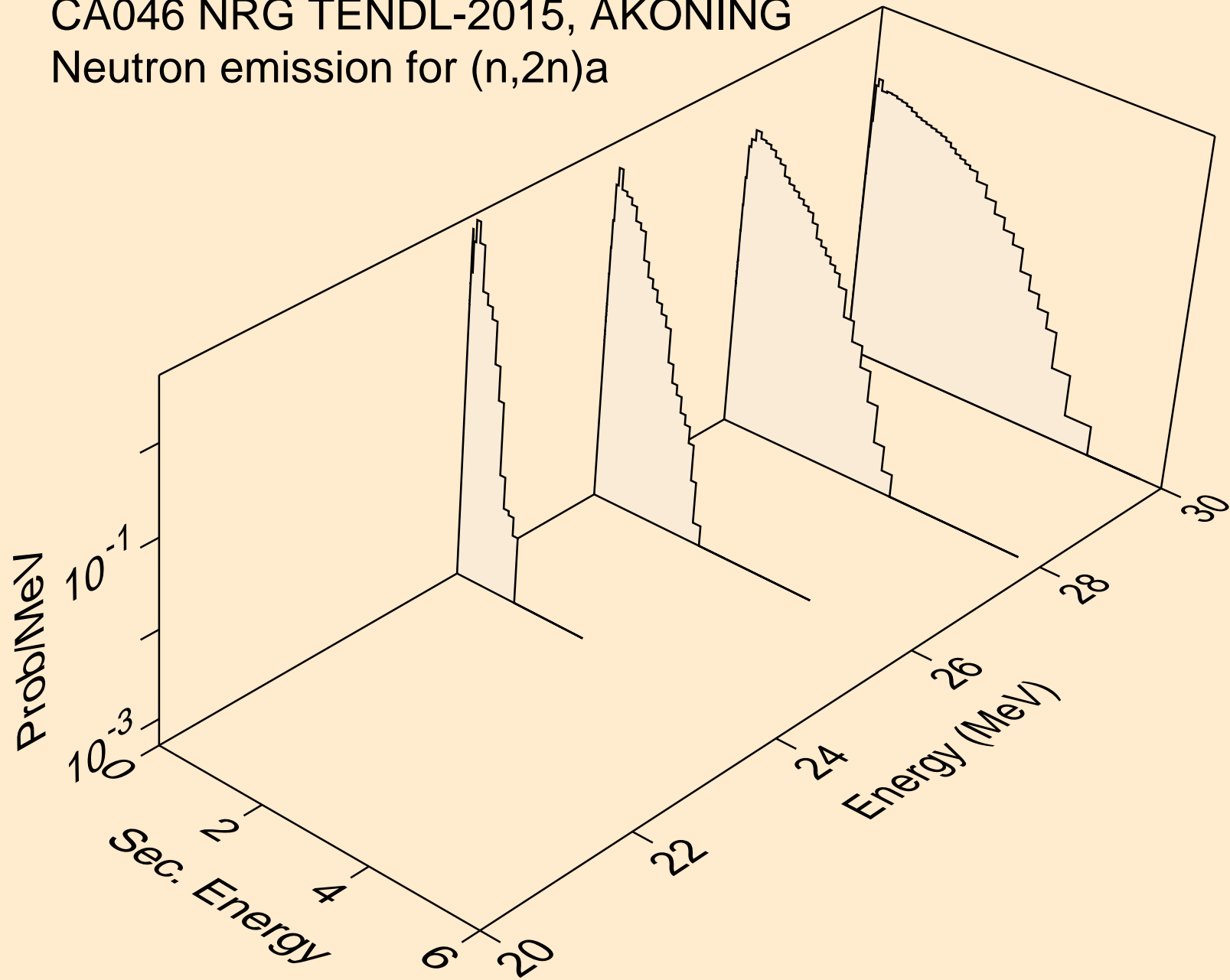
CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



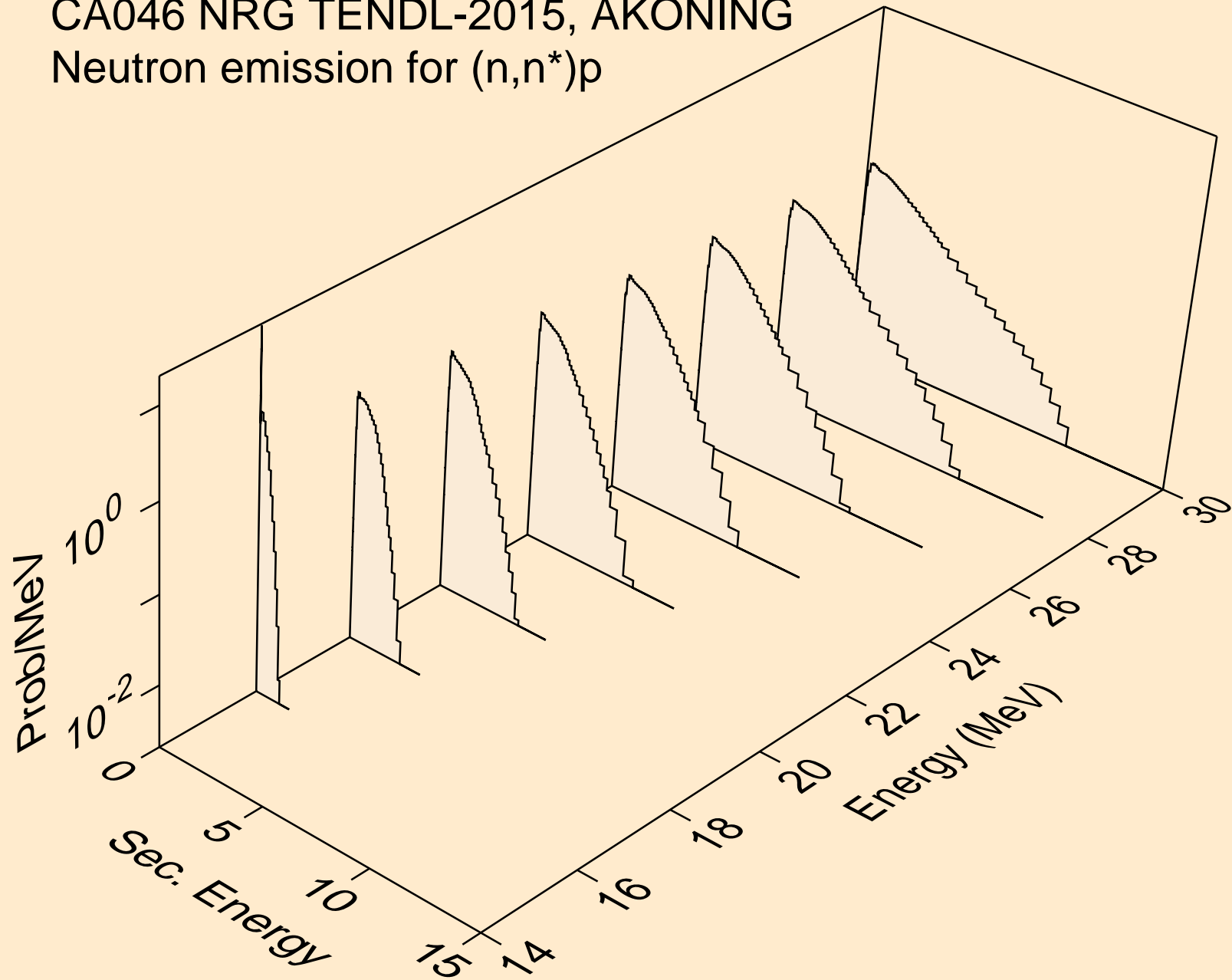
CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



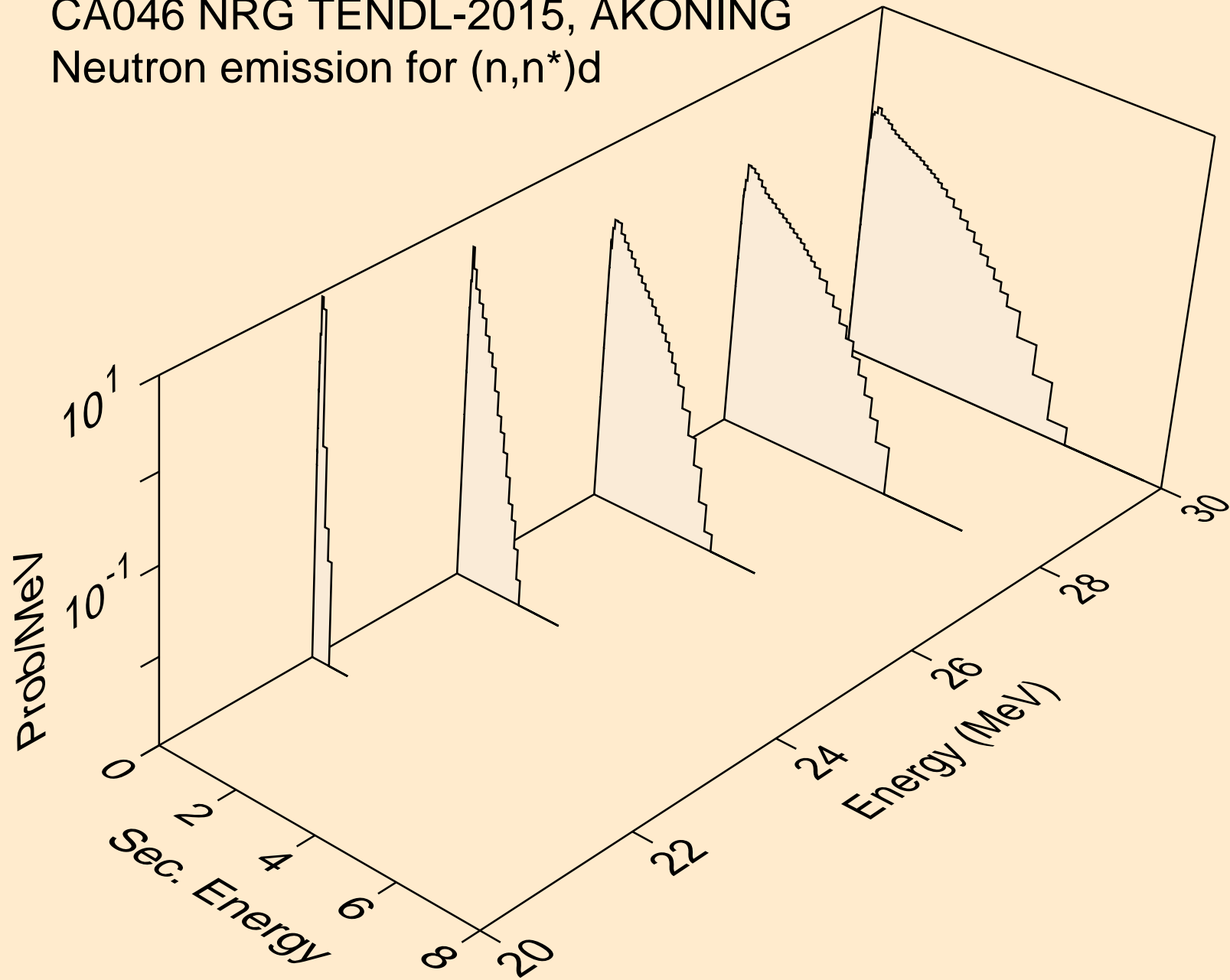
CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



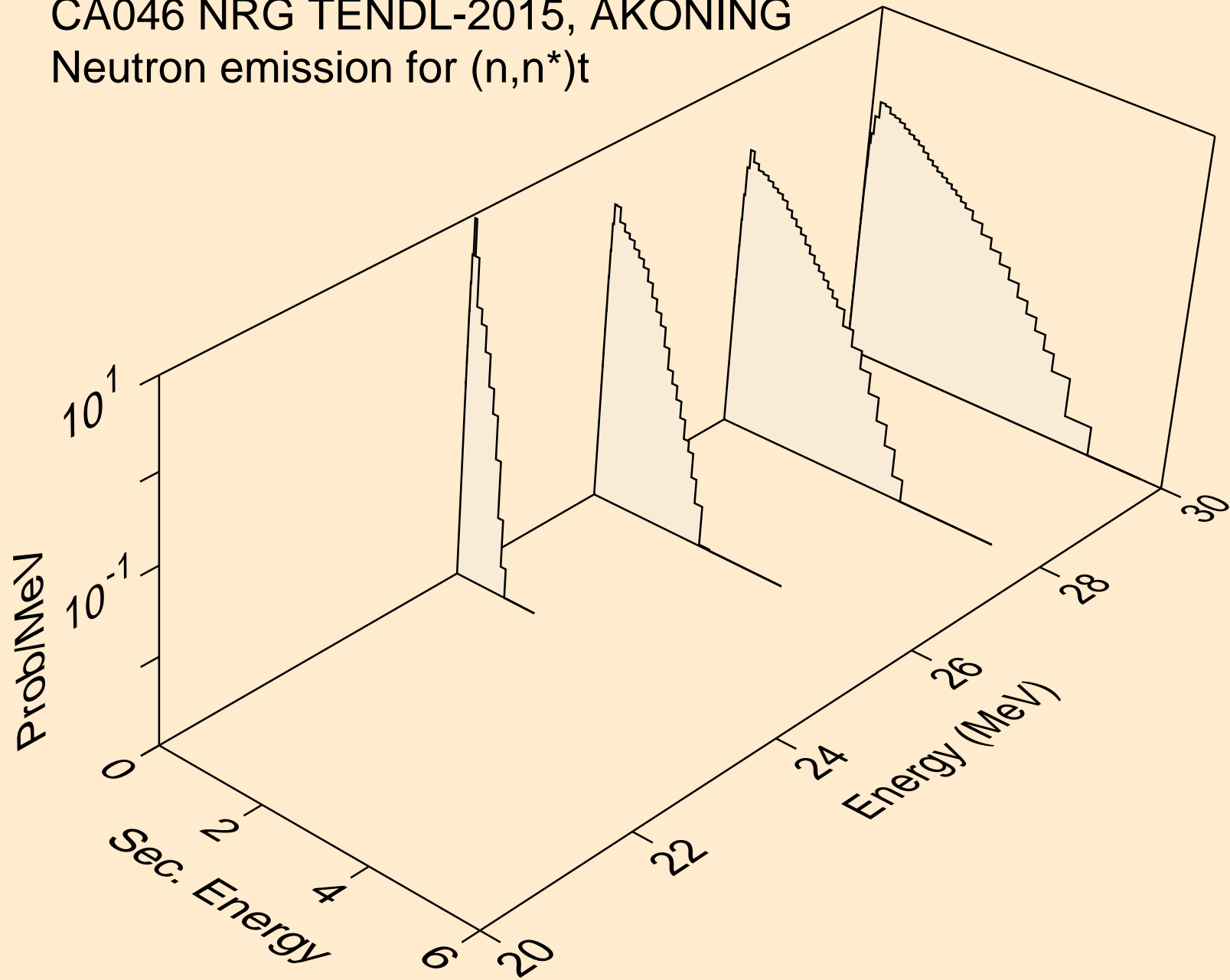
CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

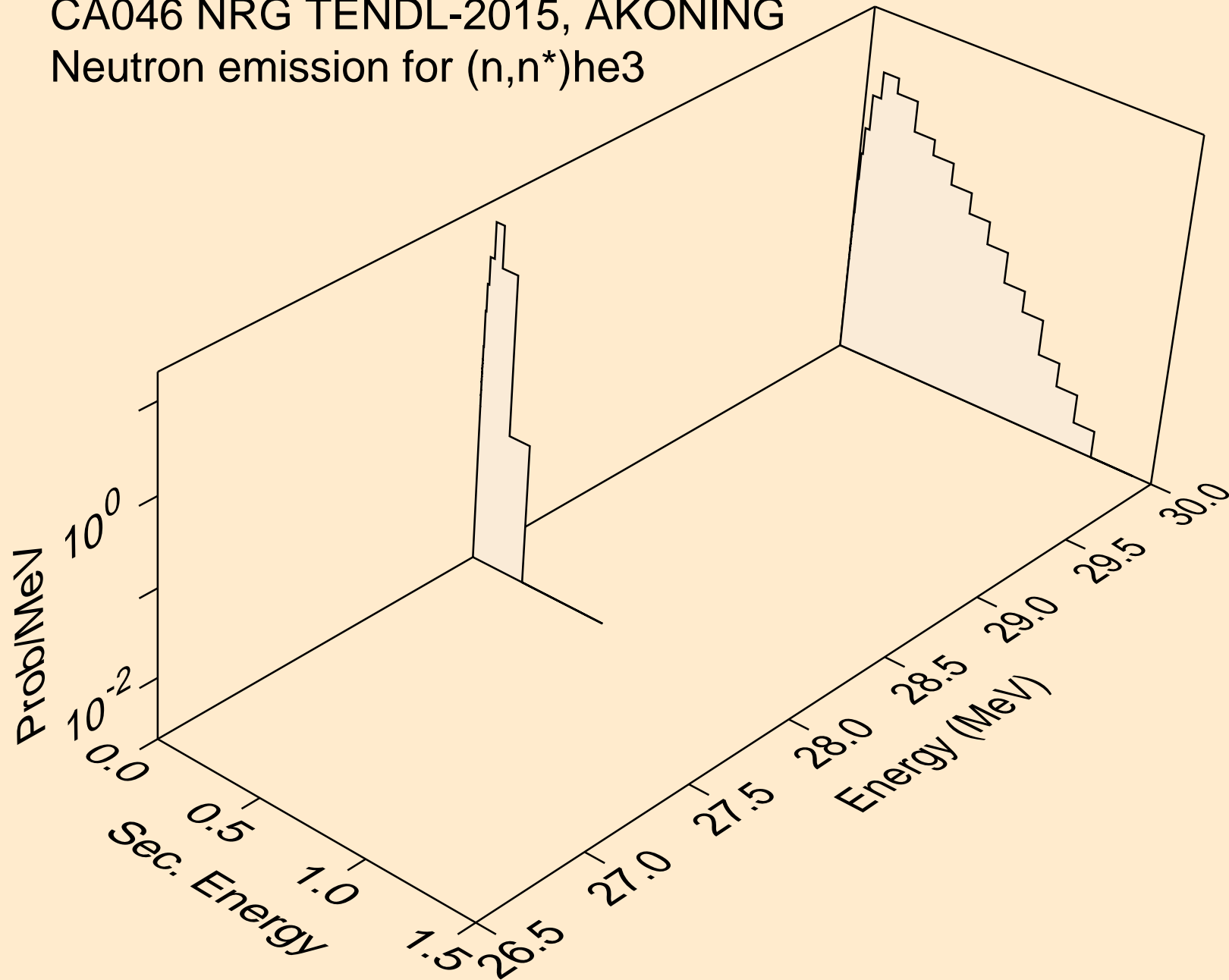


CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

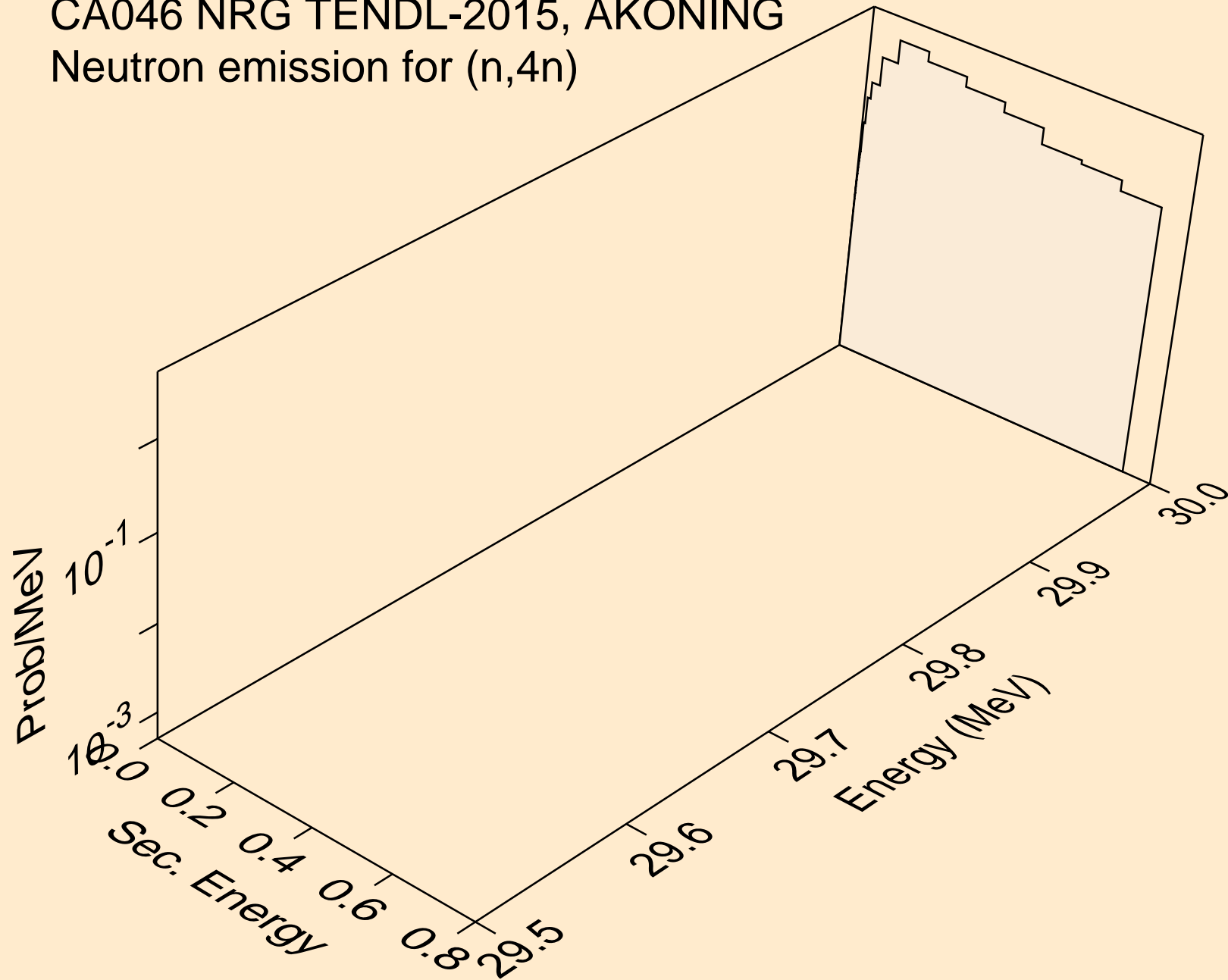




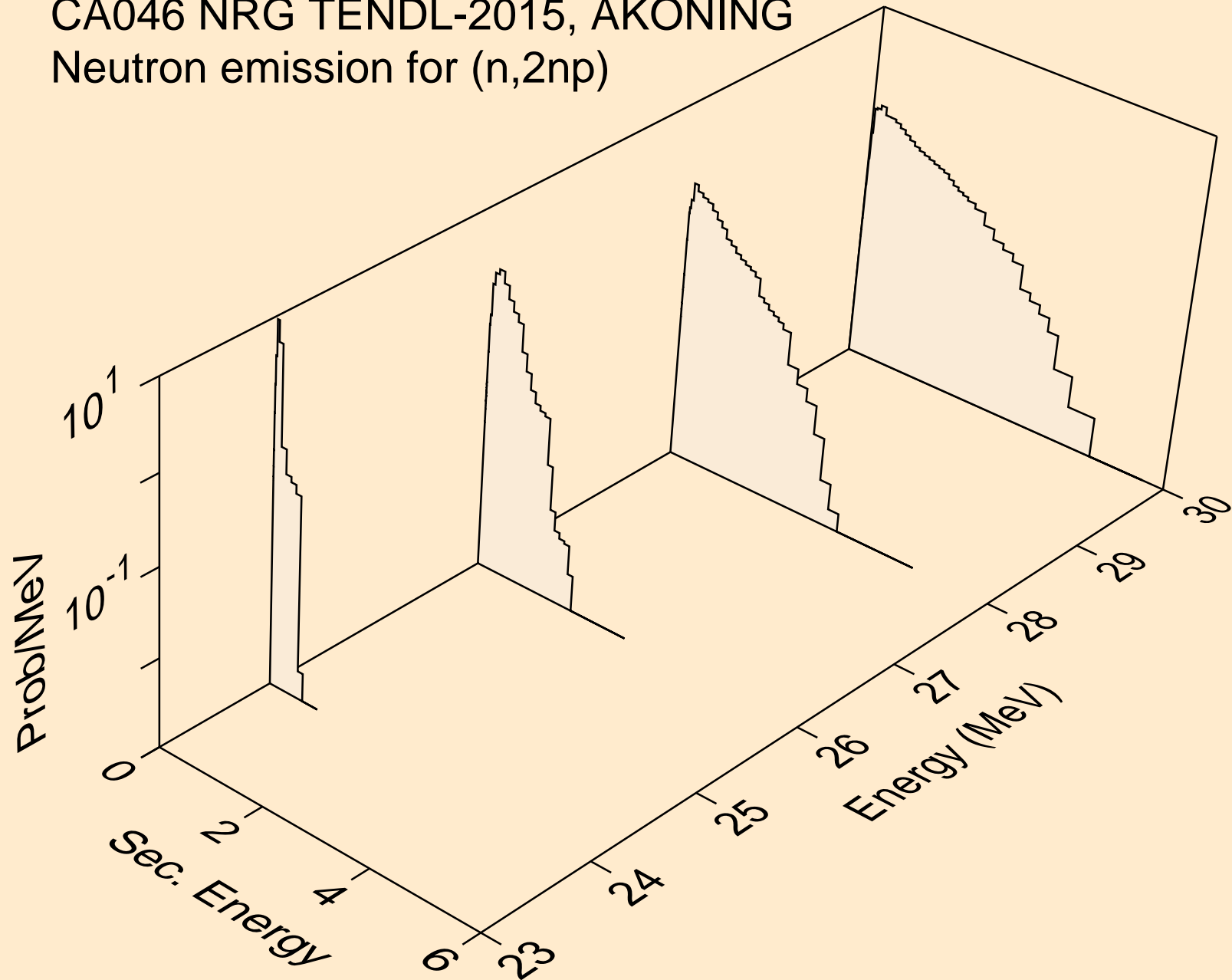
CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



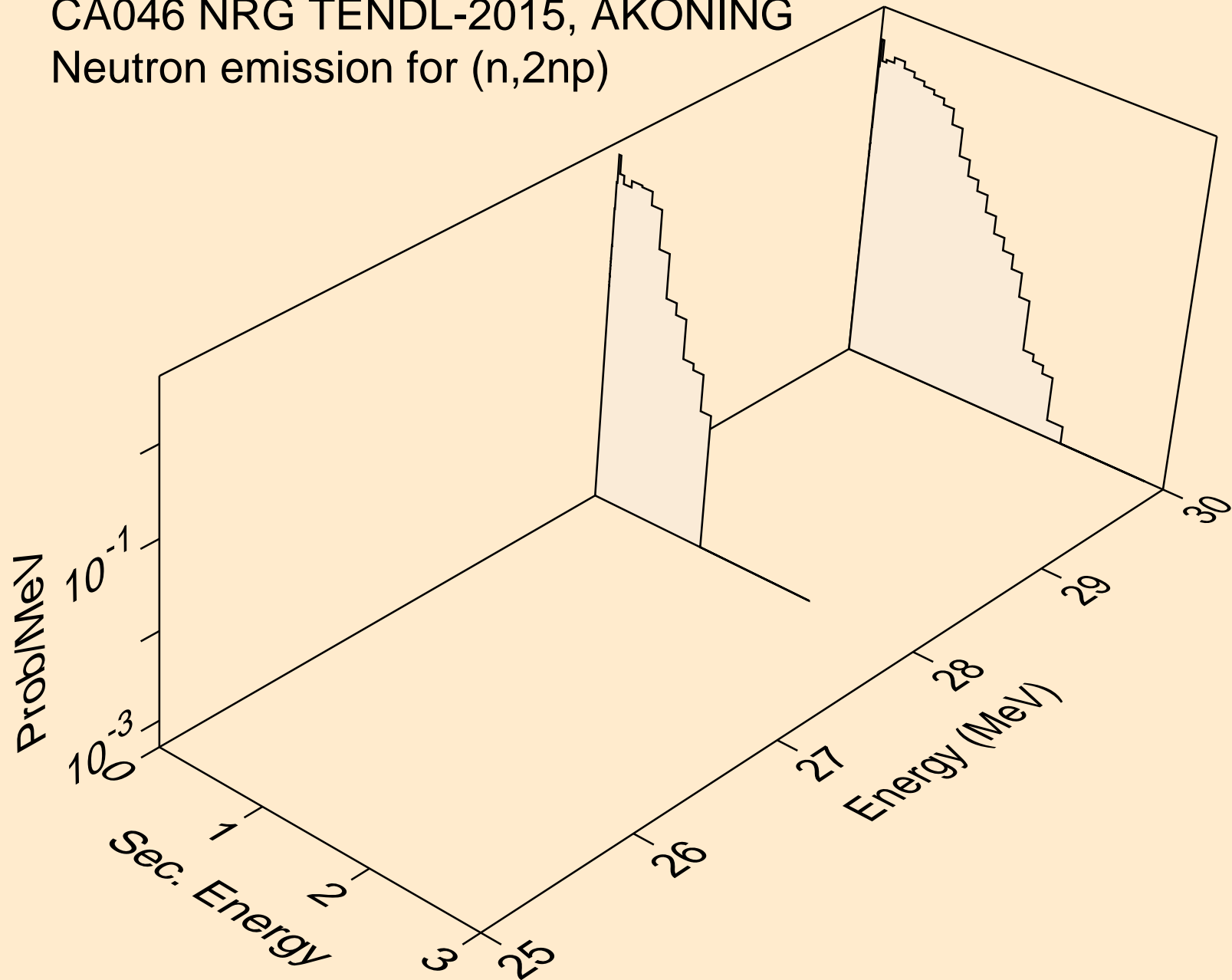
CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



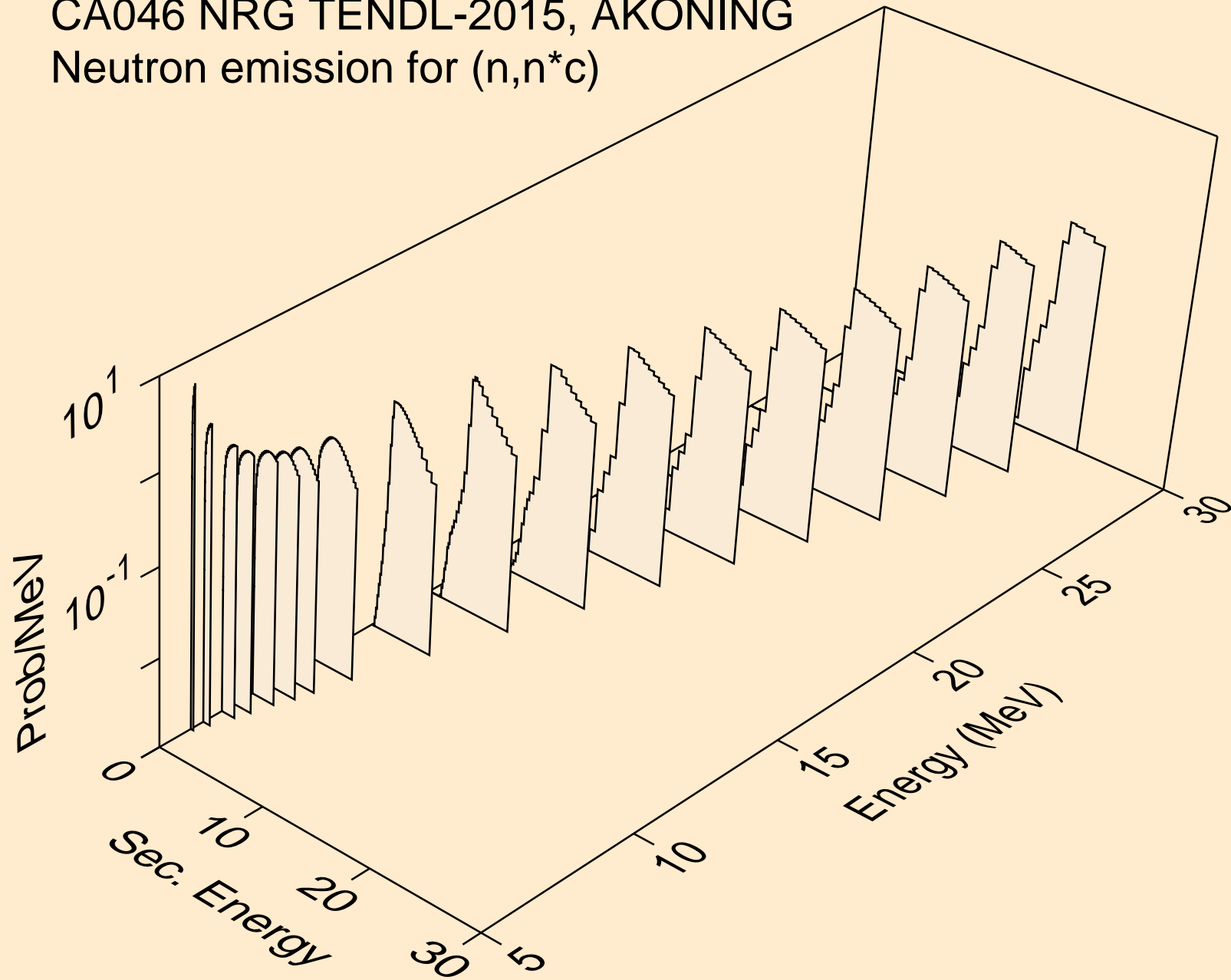
CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



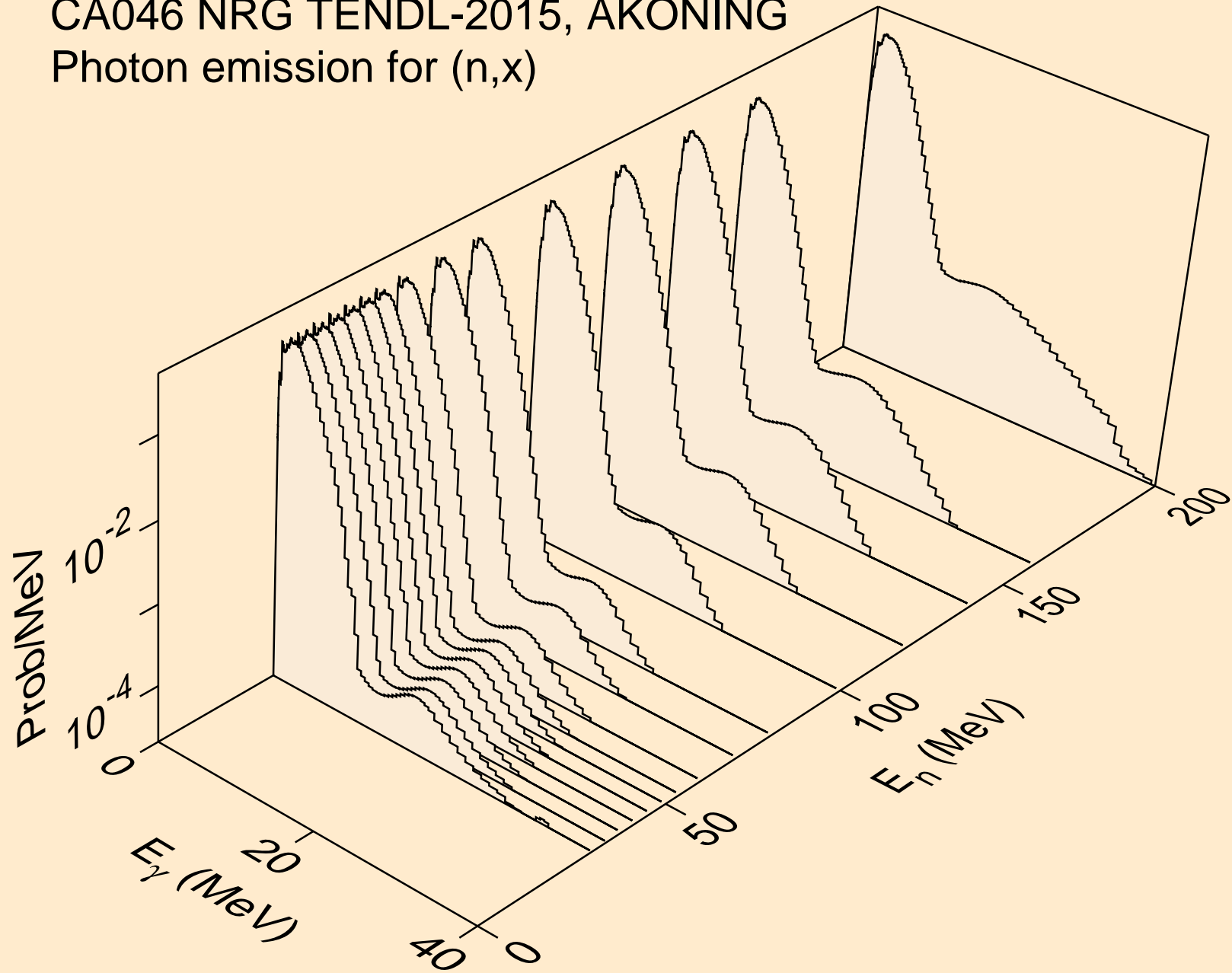
CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



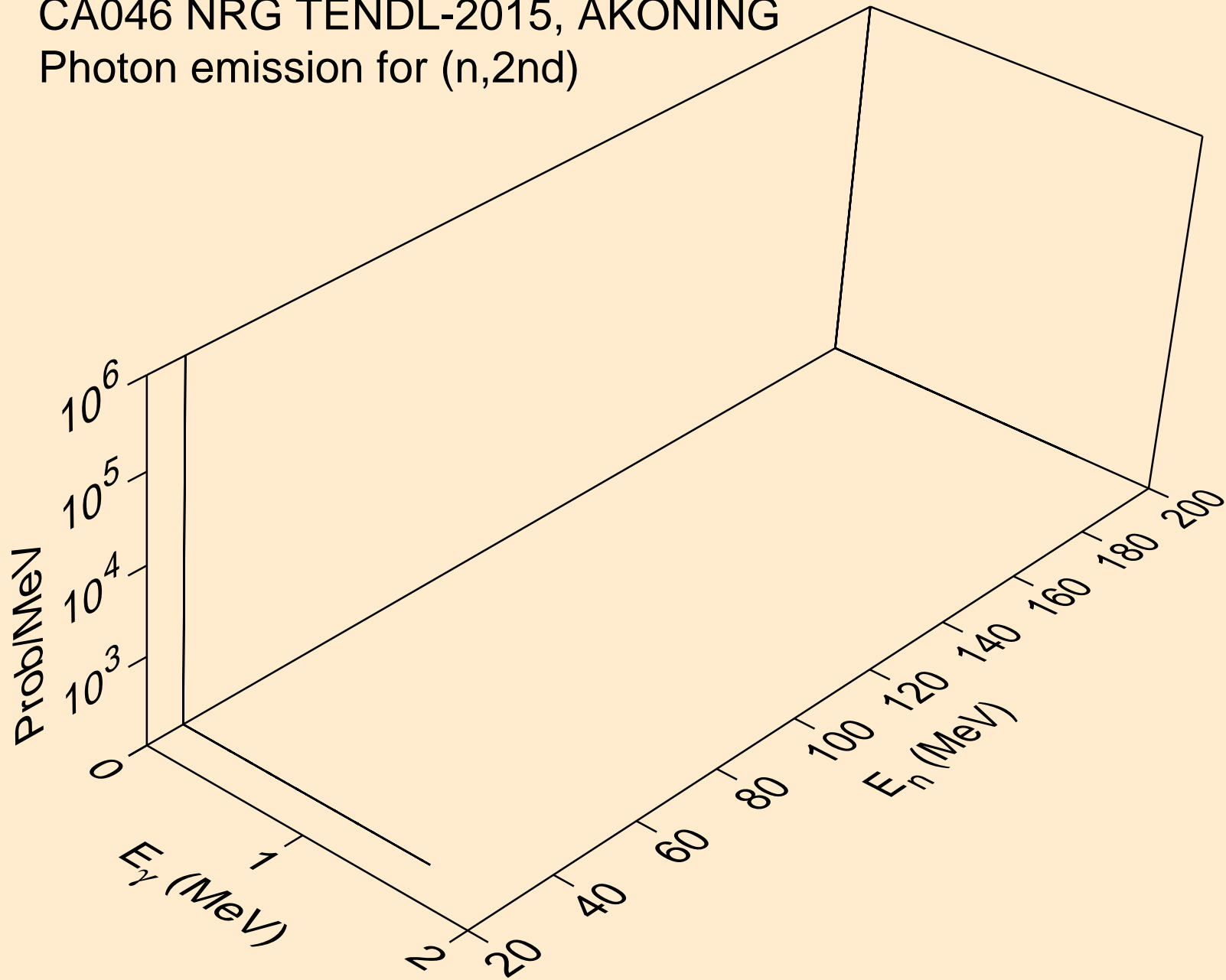
CA046 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



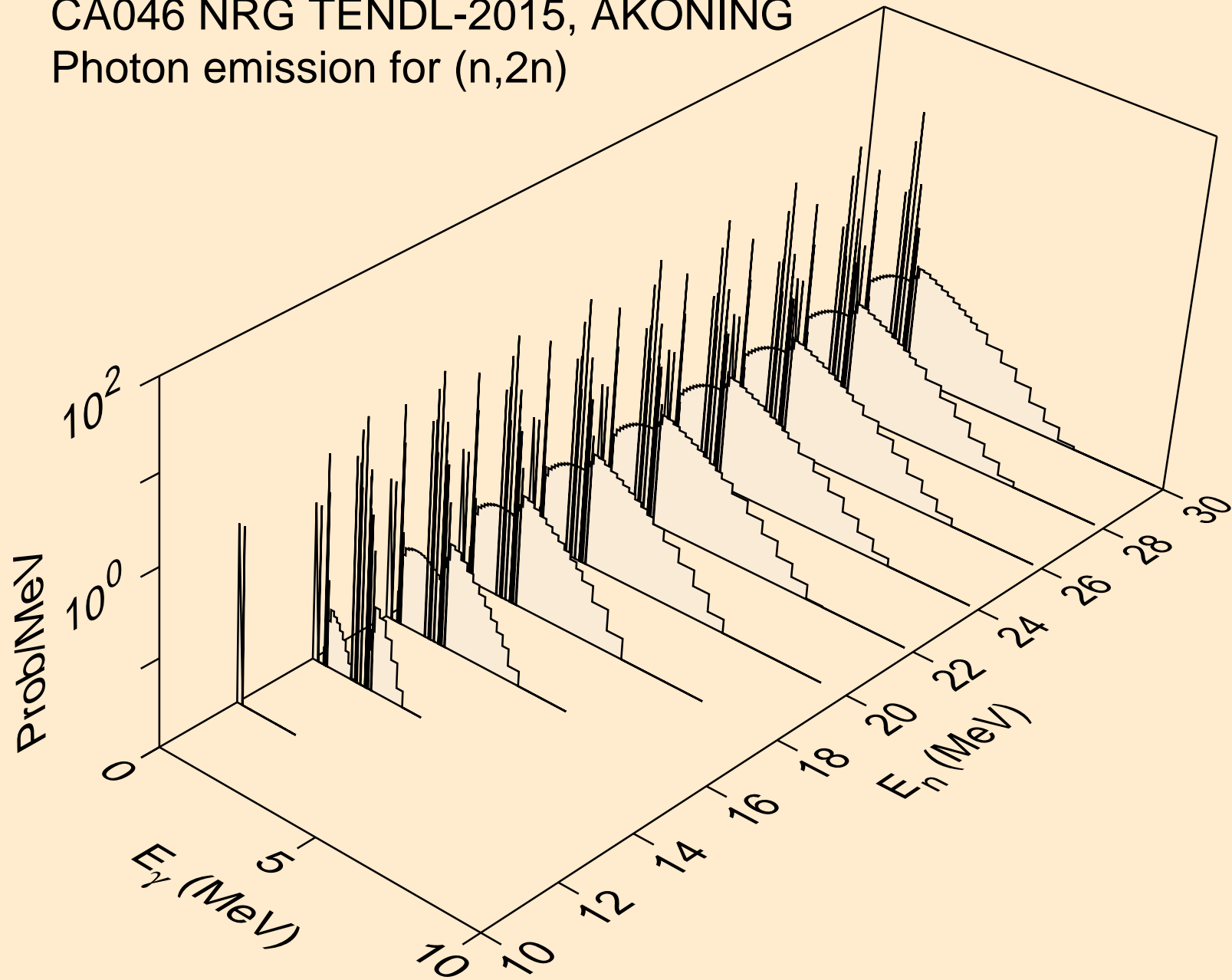
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

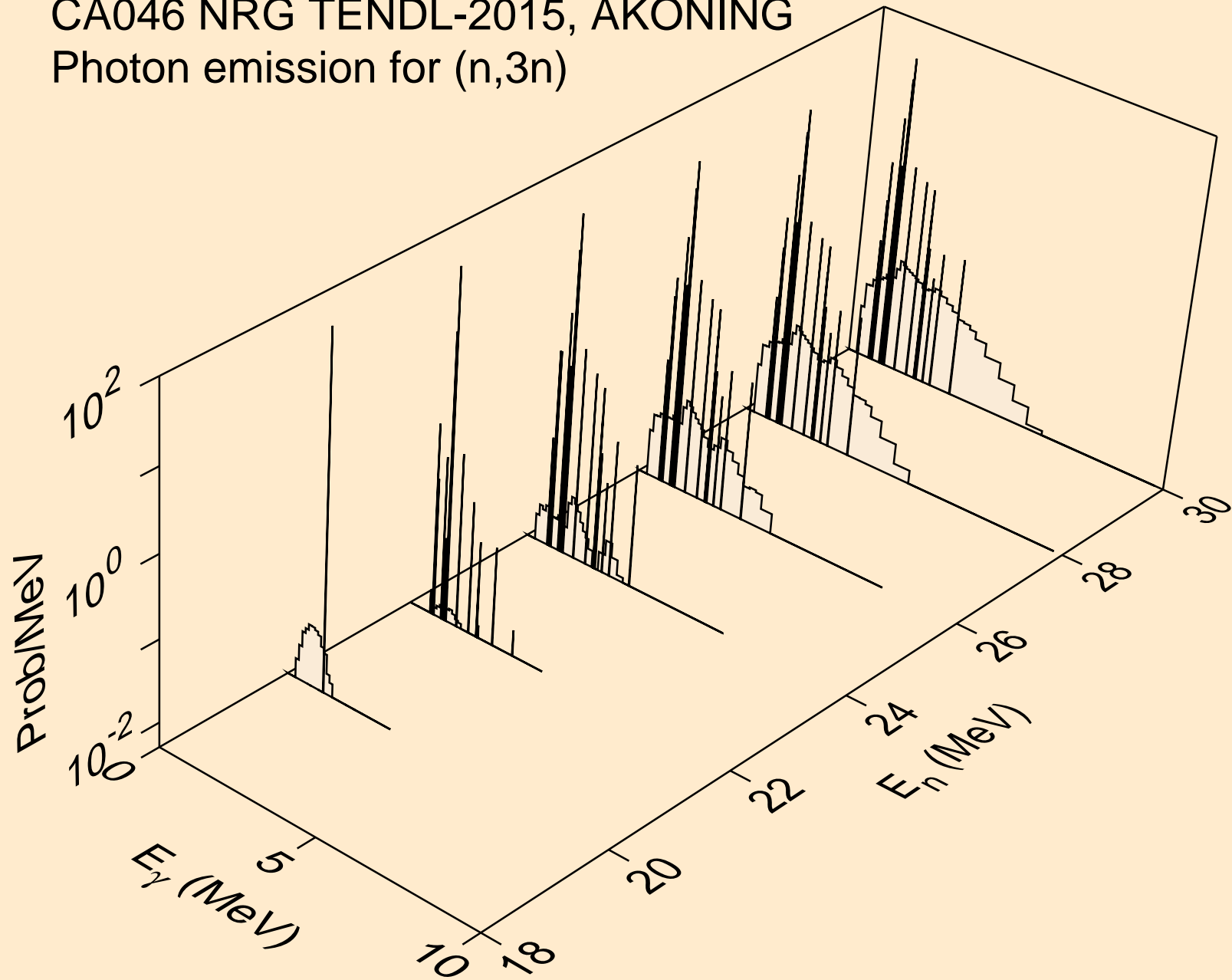


CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

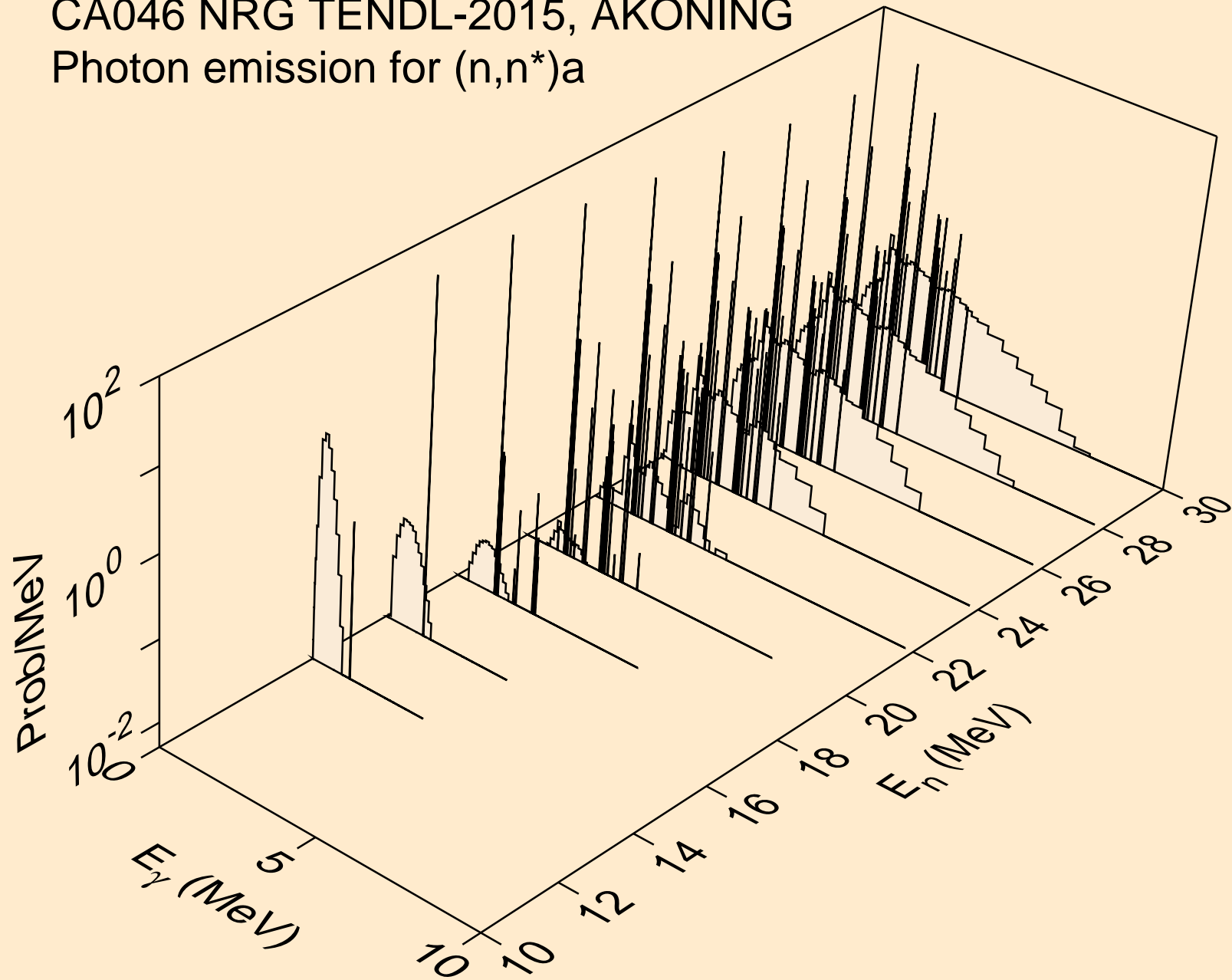




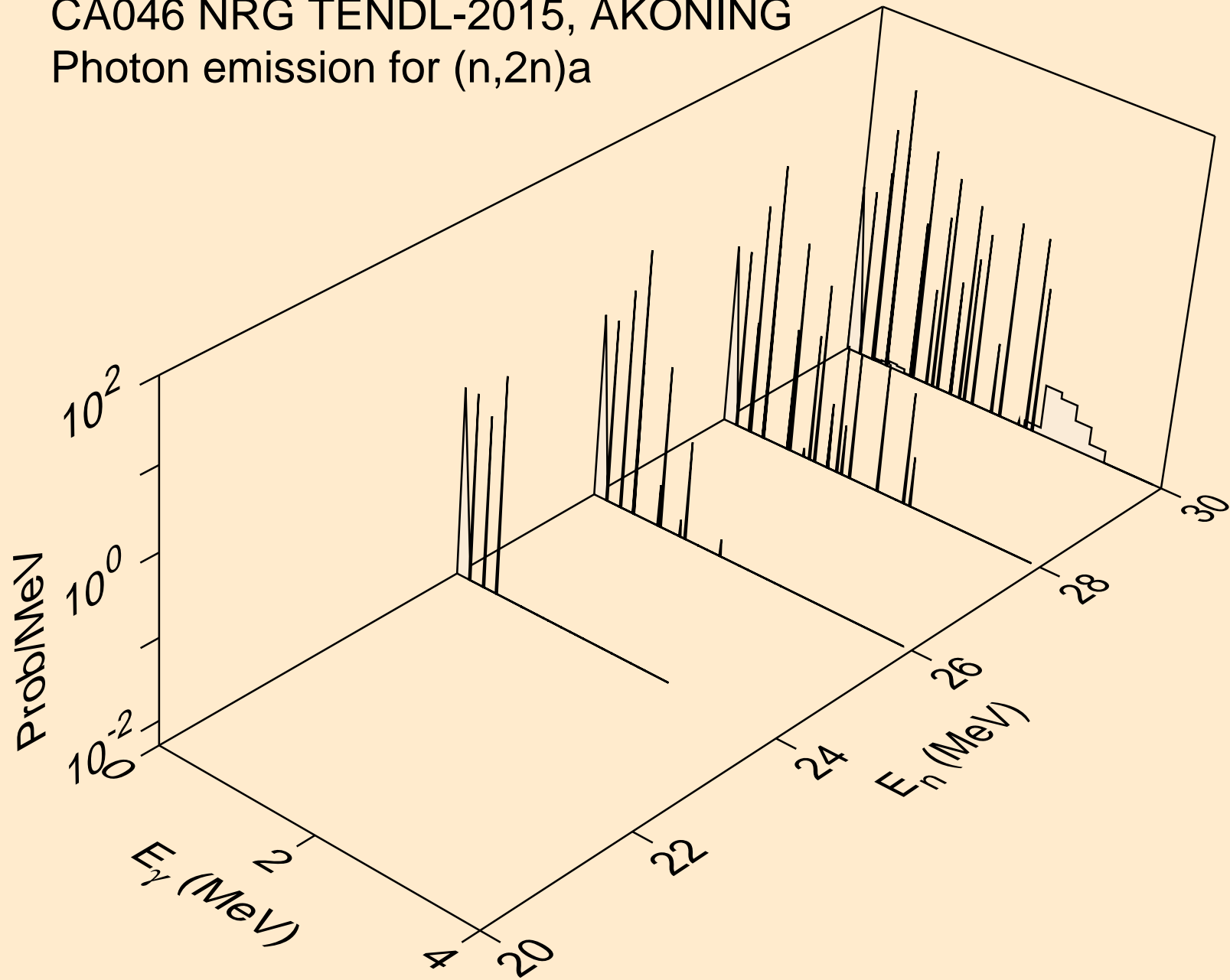
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



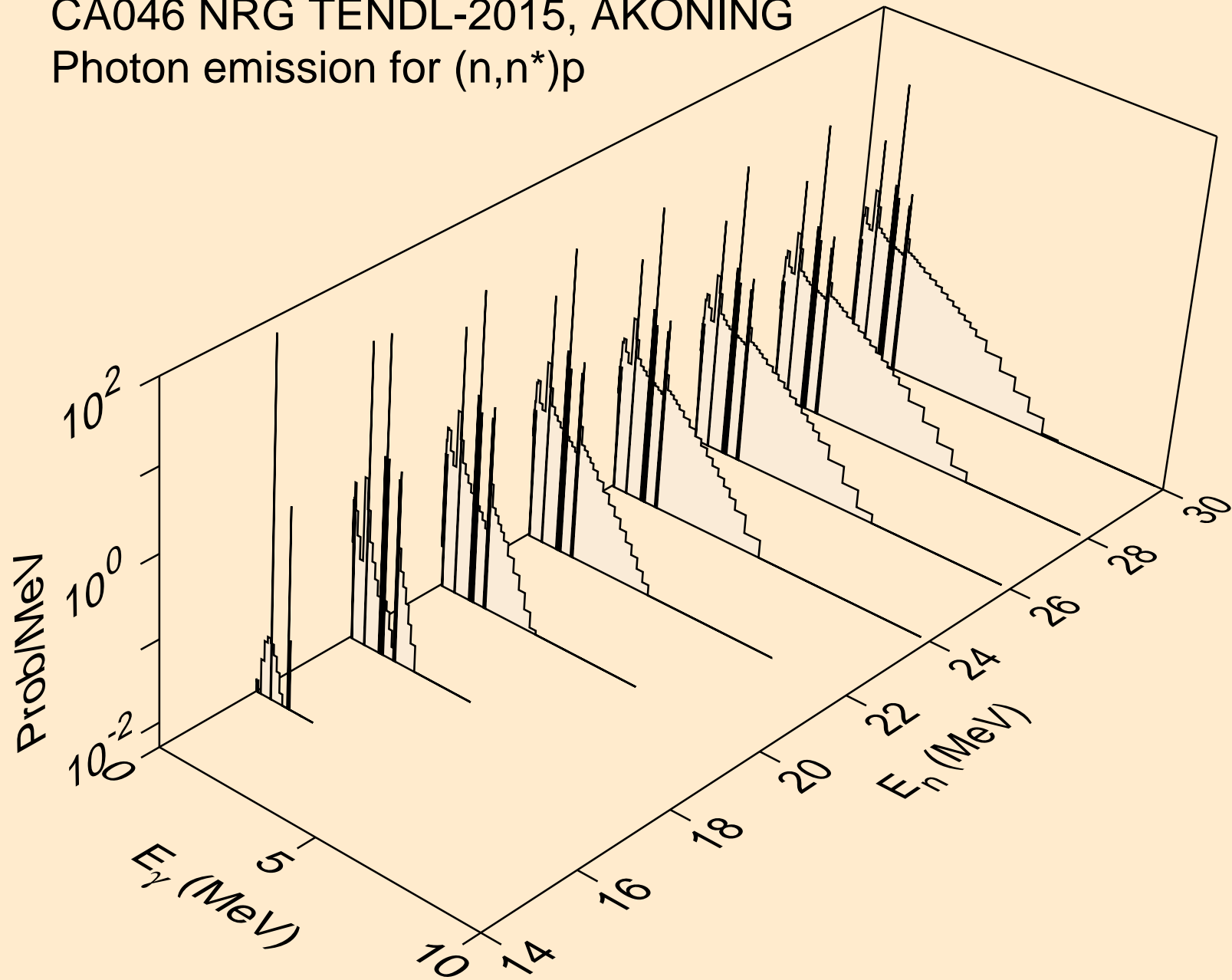
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



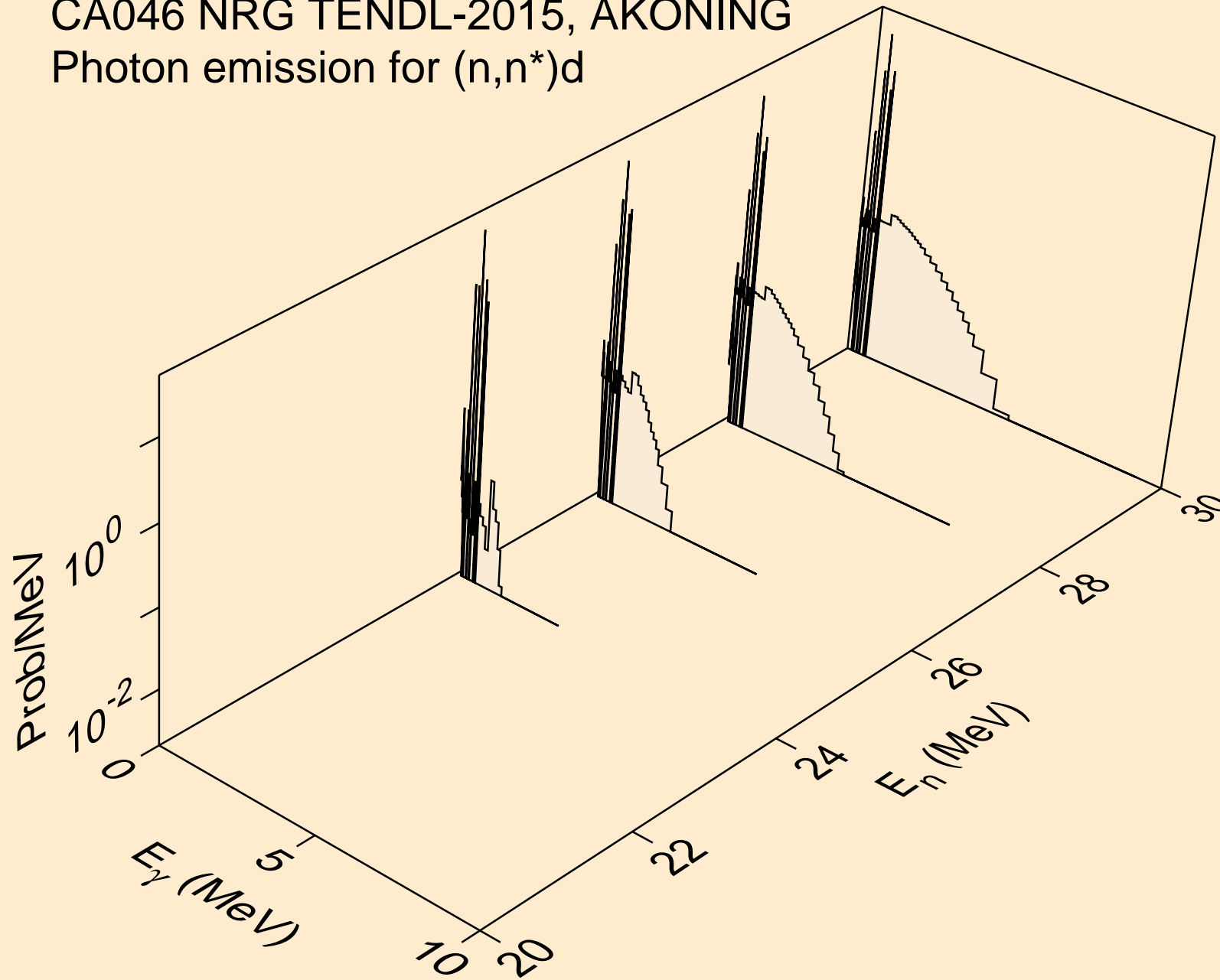
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



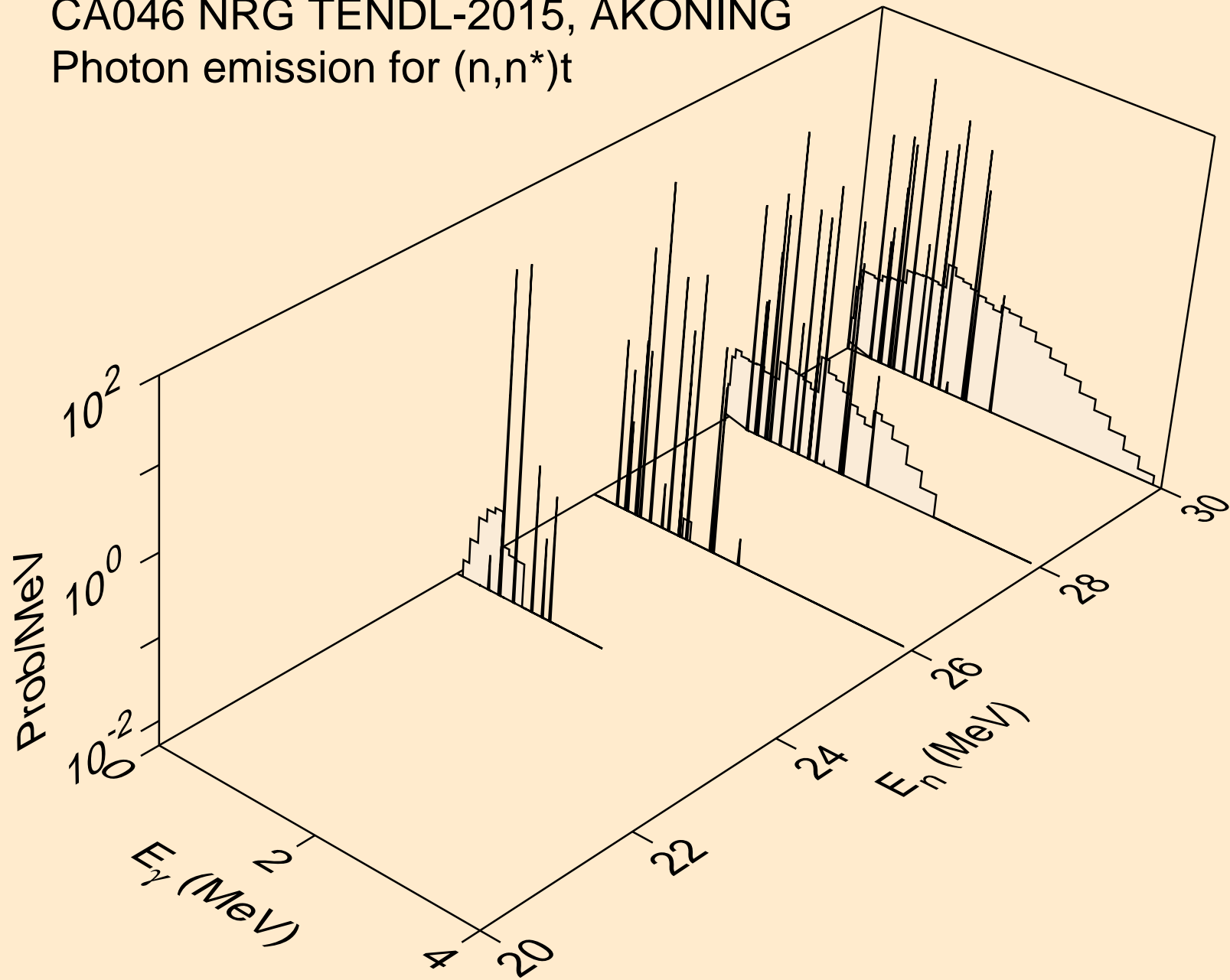
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



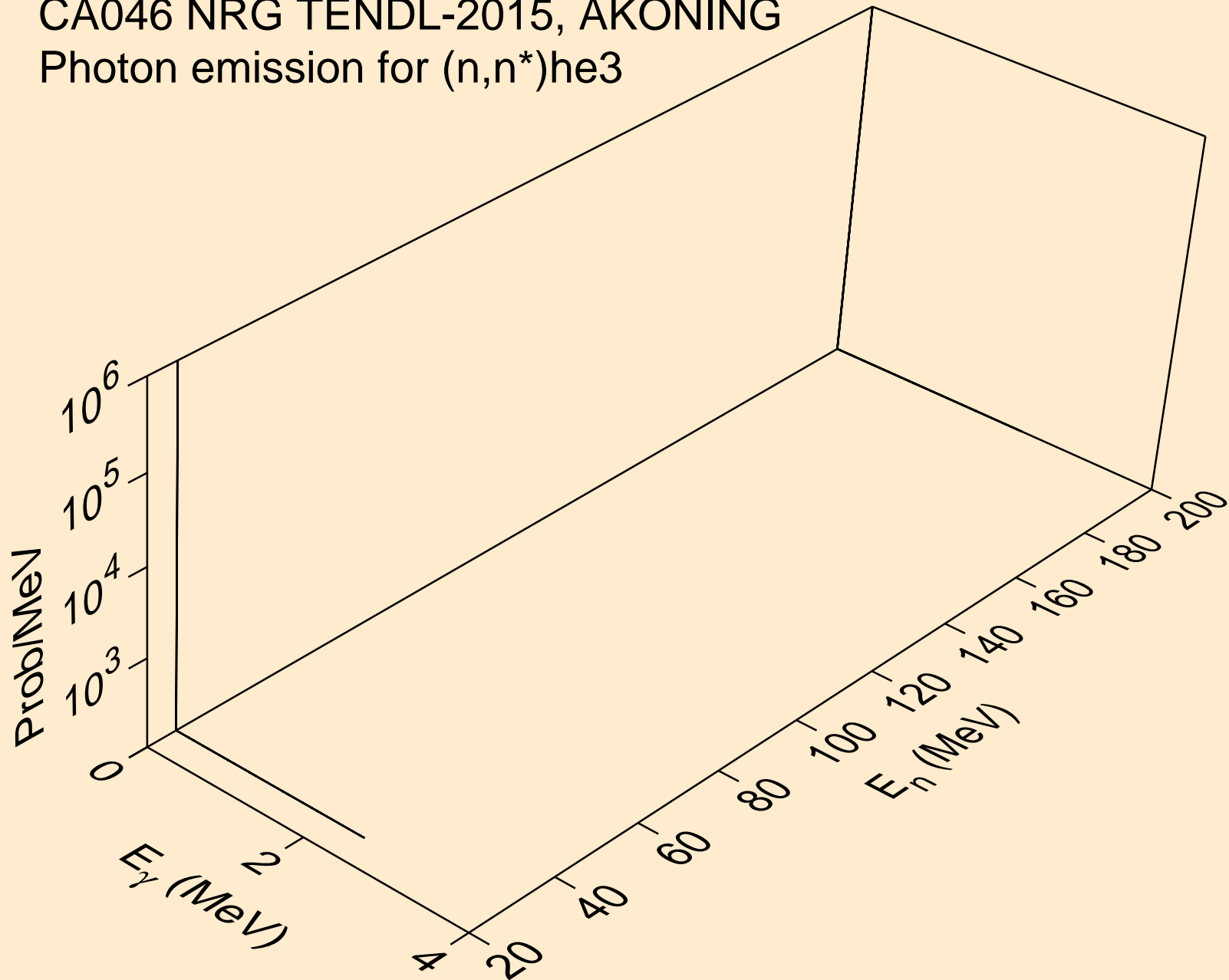
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



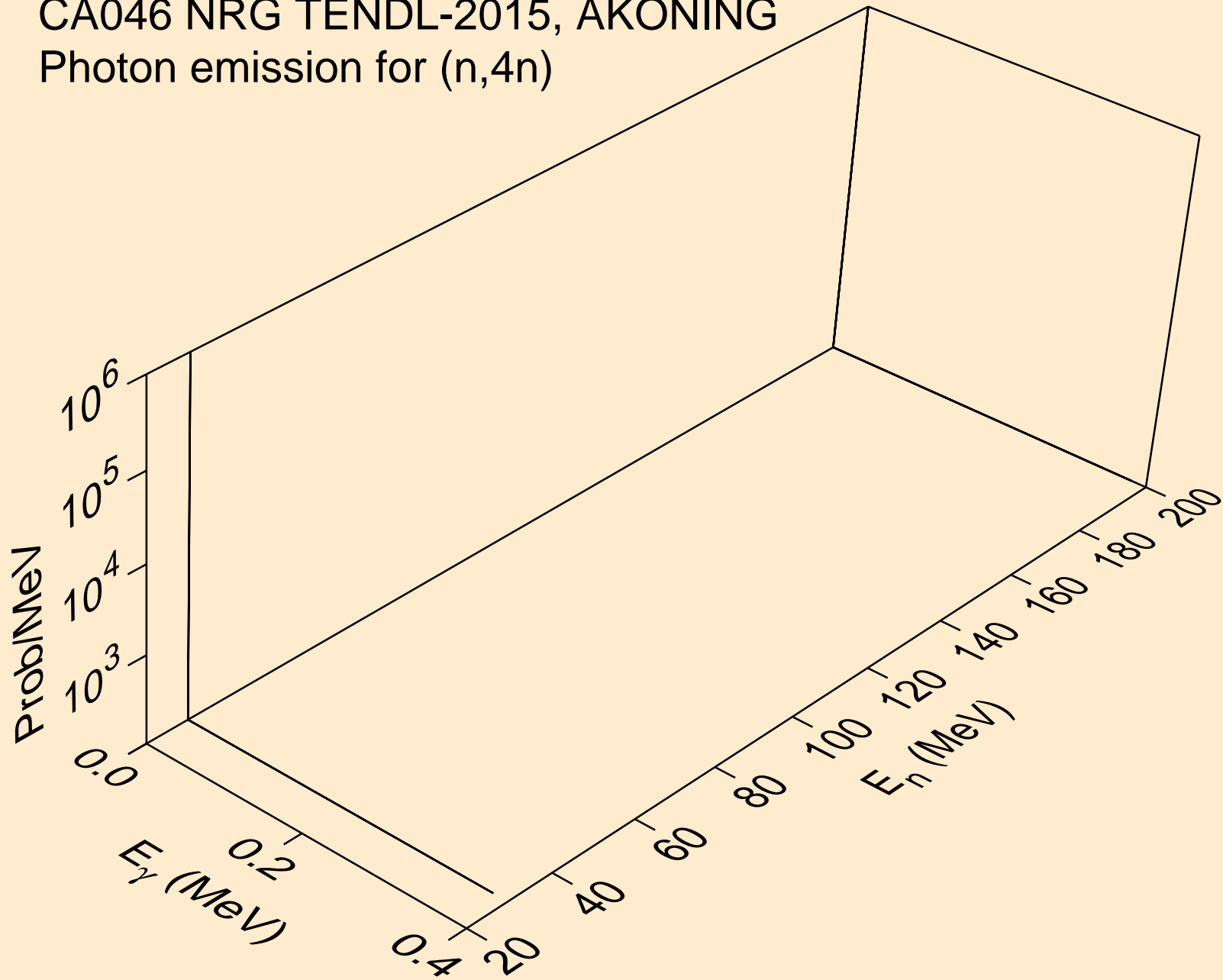
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

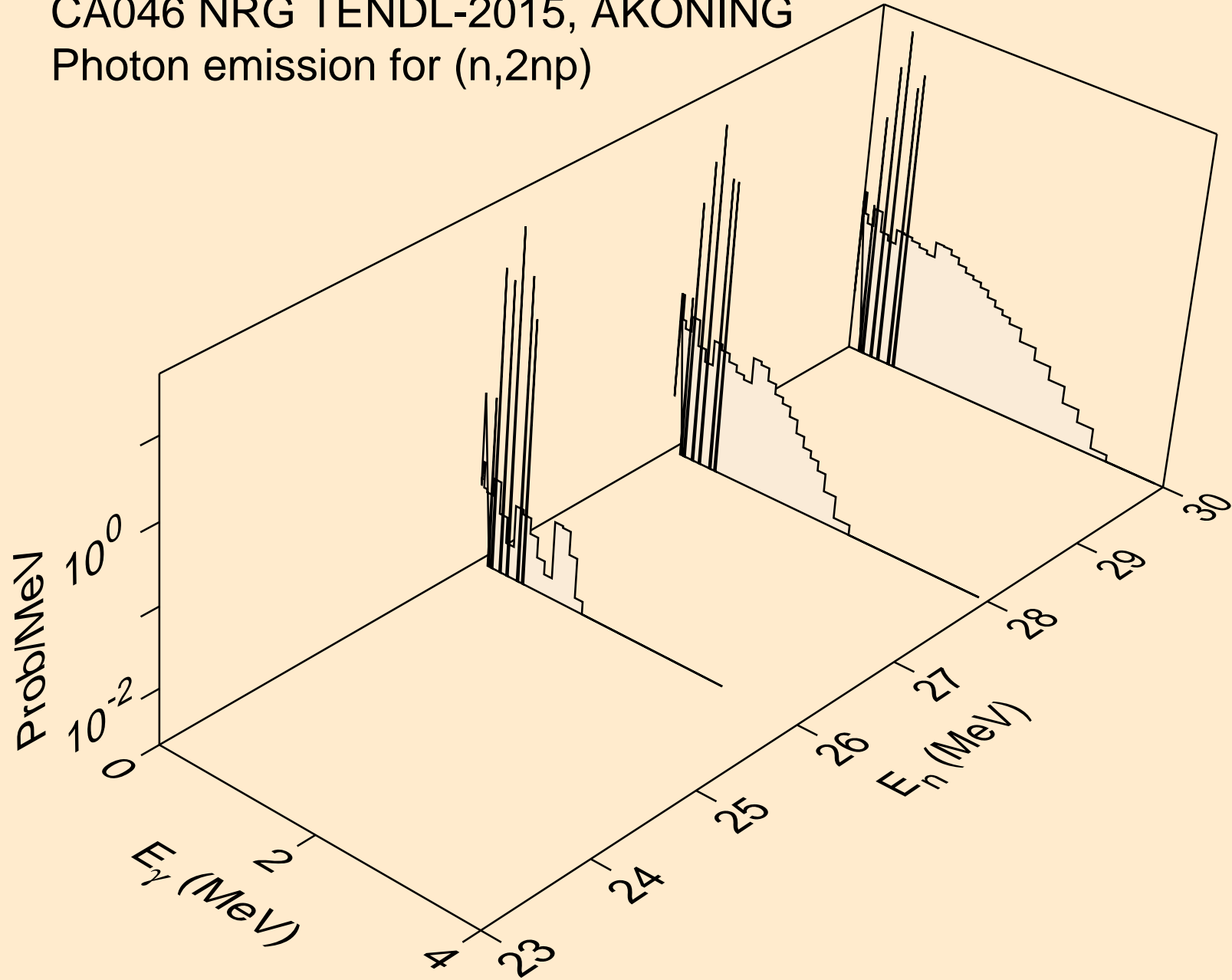


CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

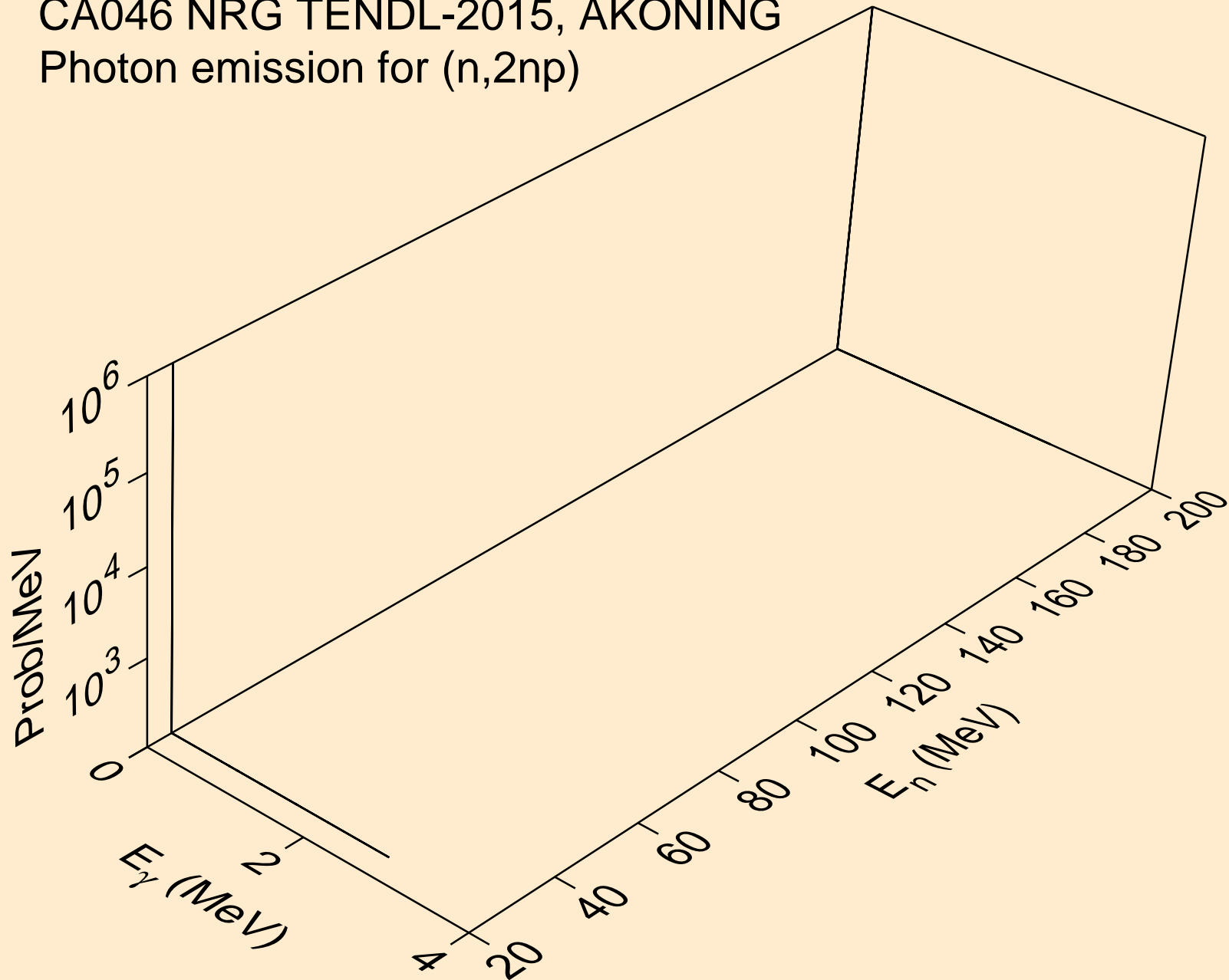




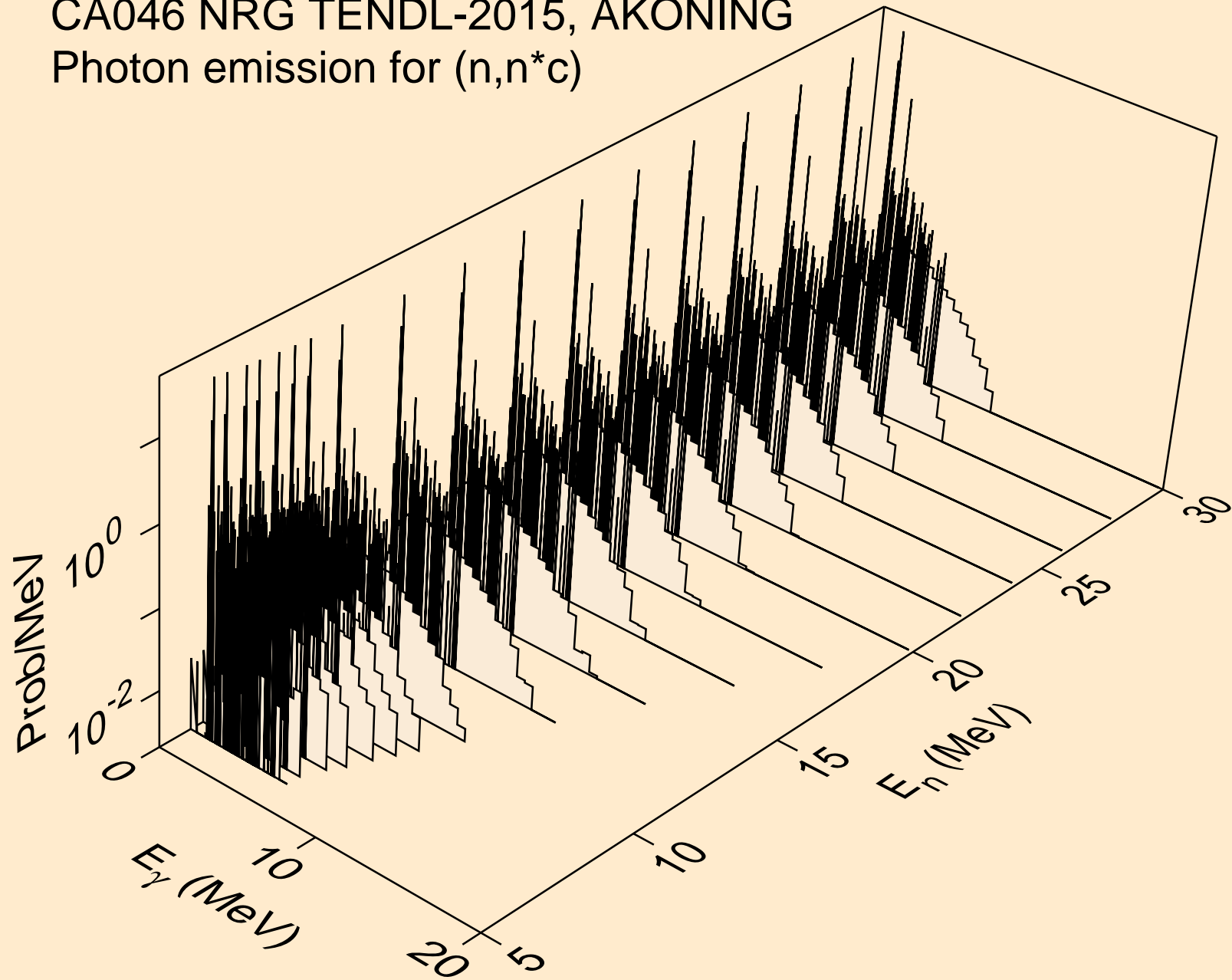
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



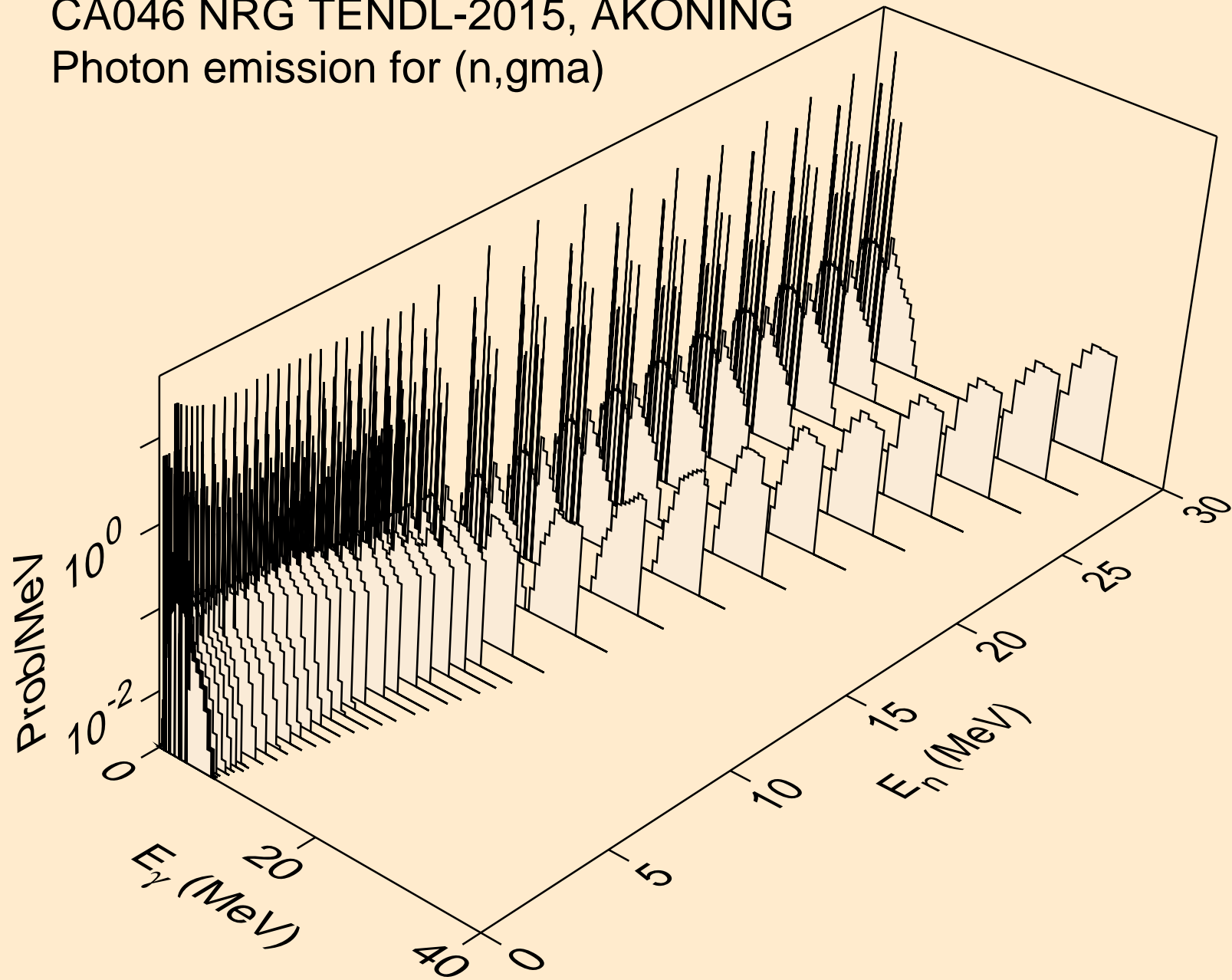
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



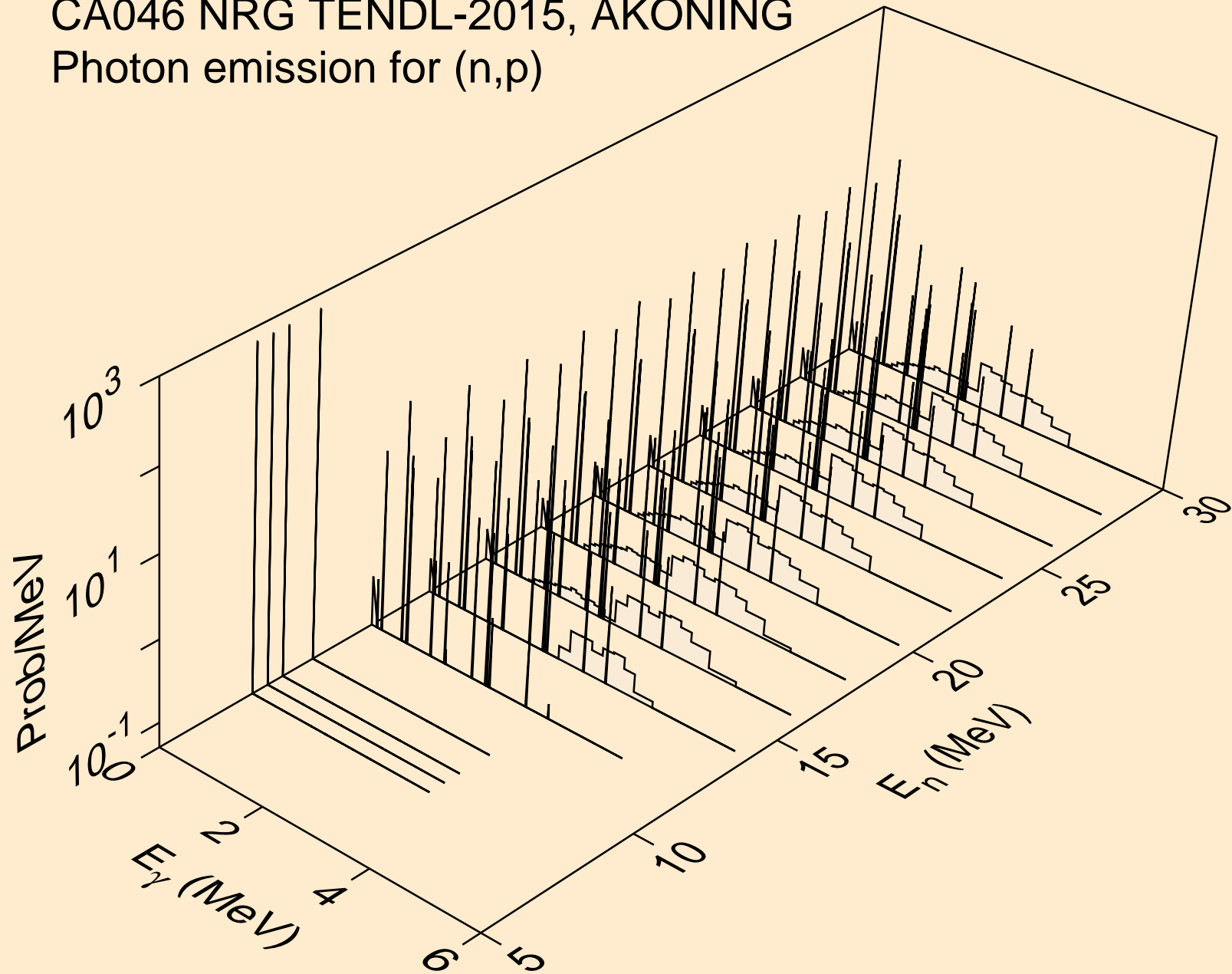
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



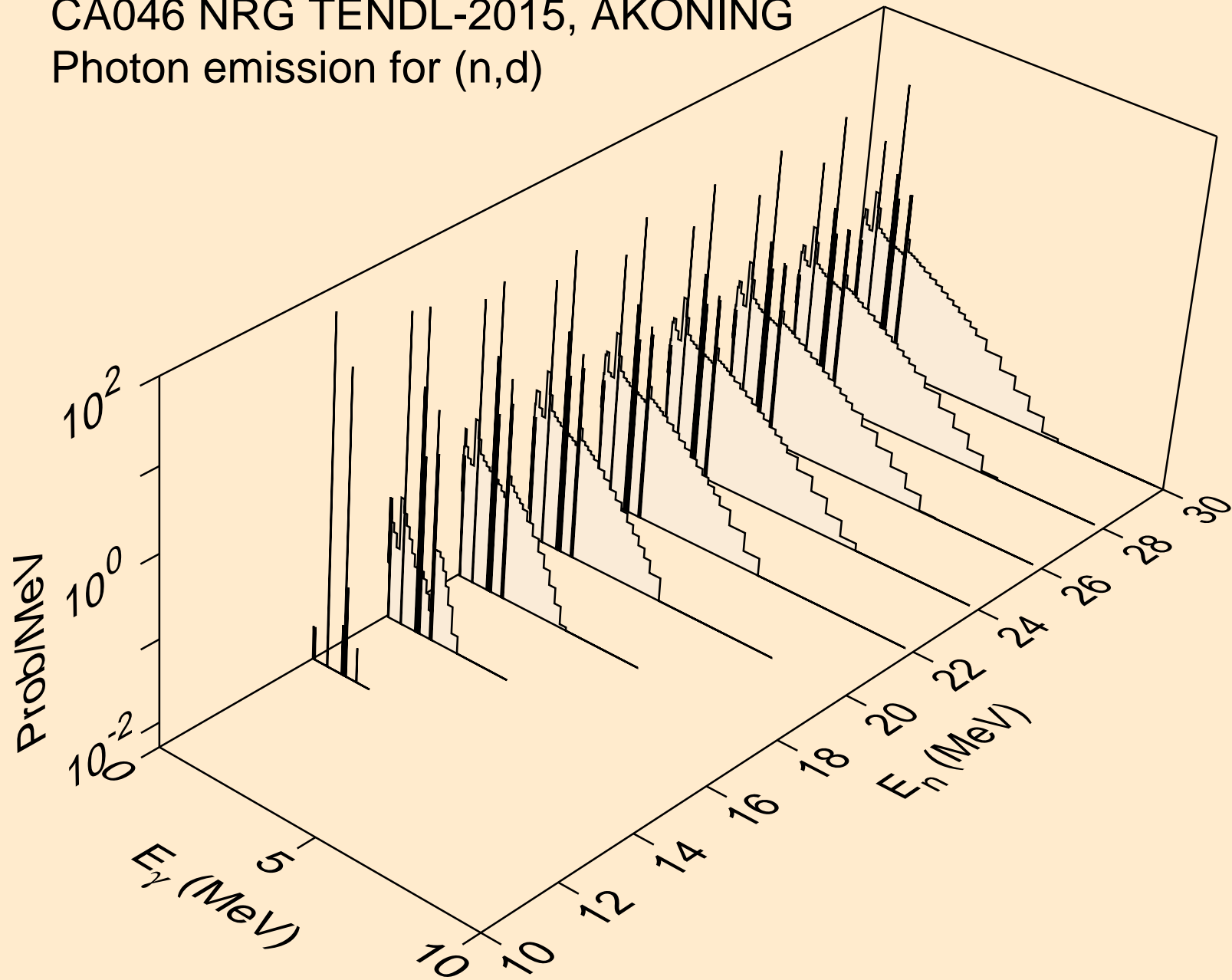
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



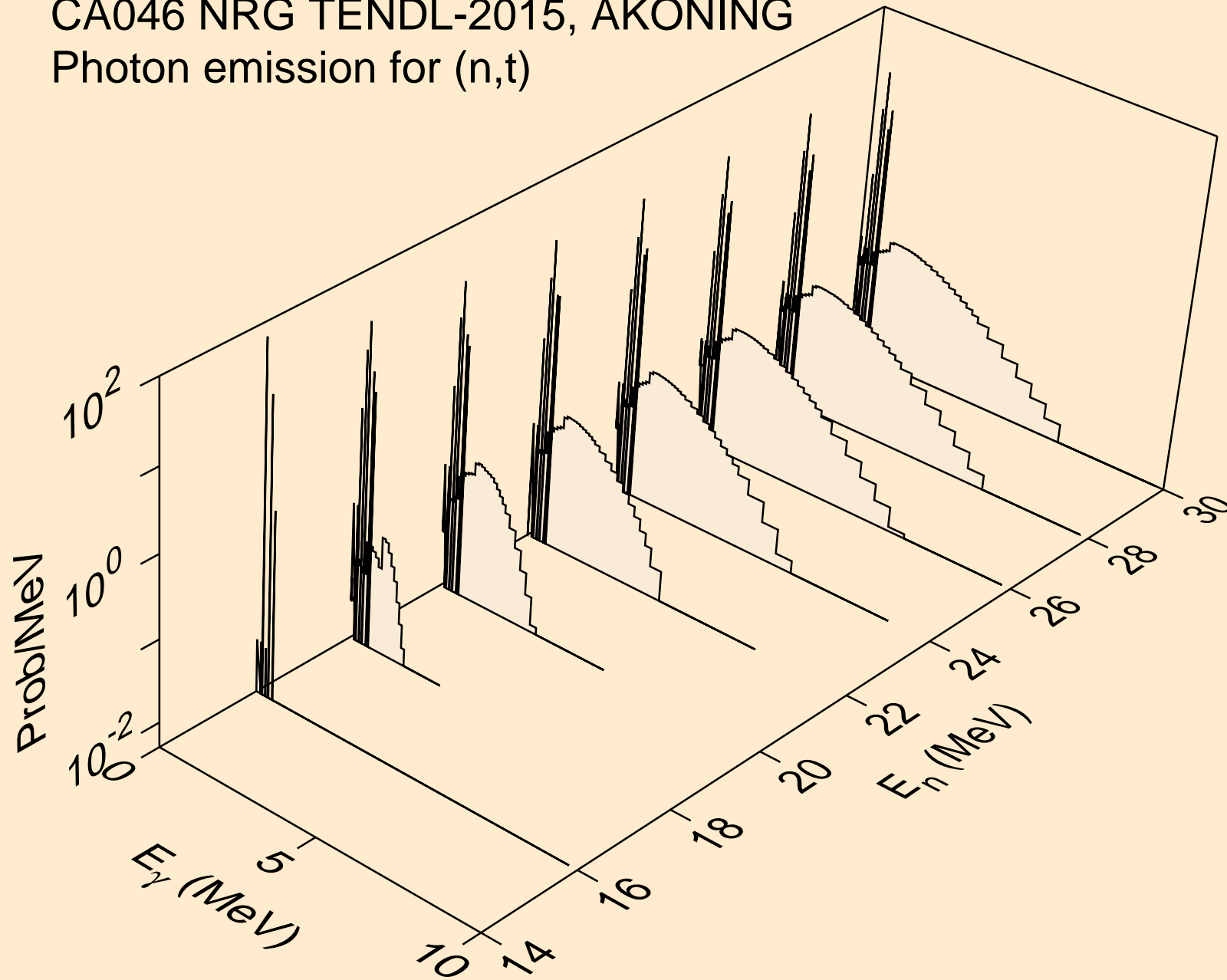
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



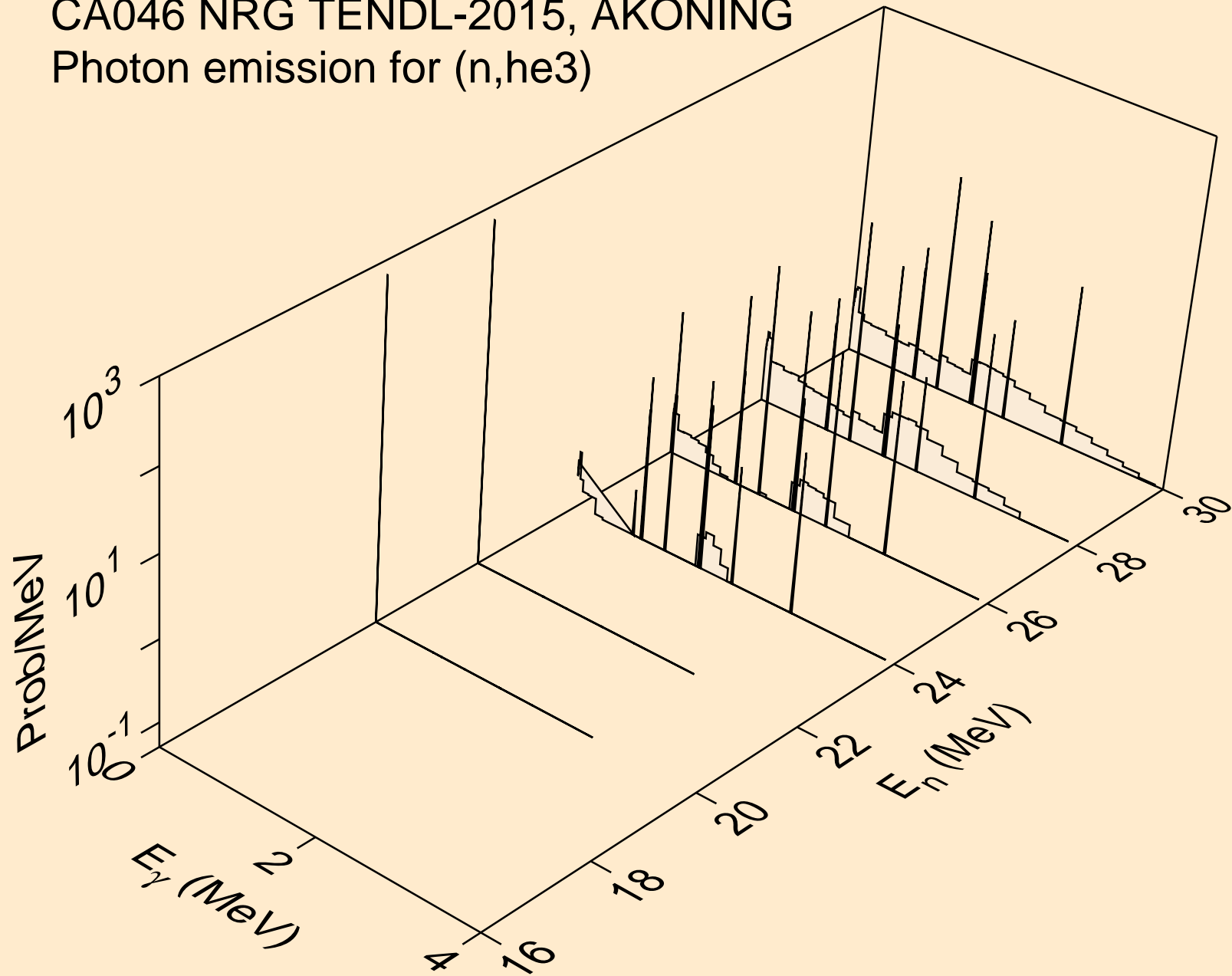
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

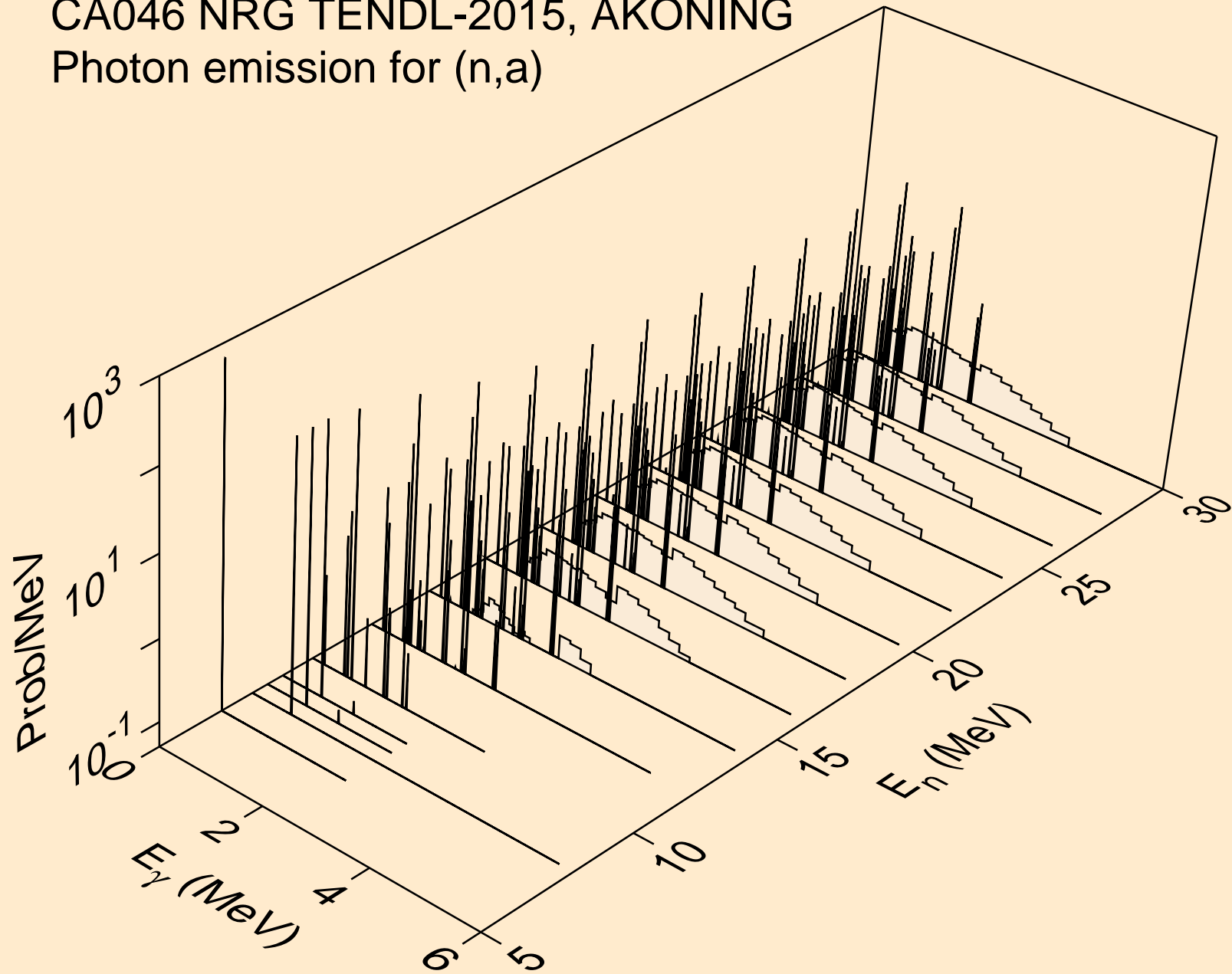


CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

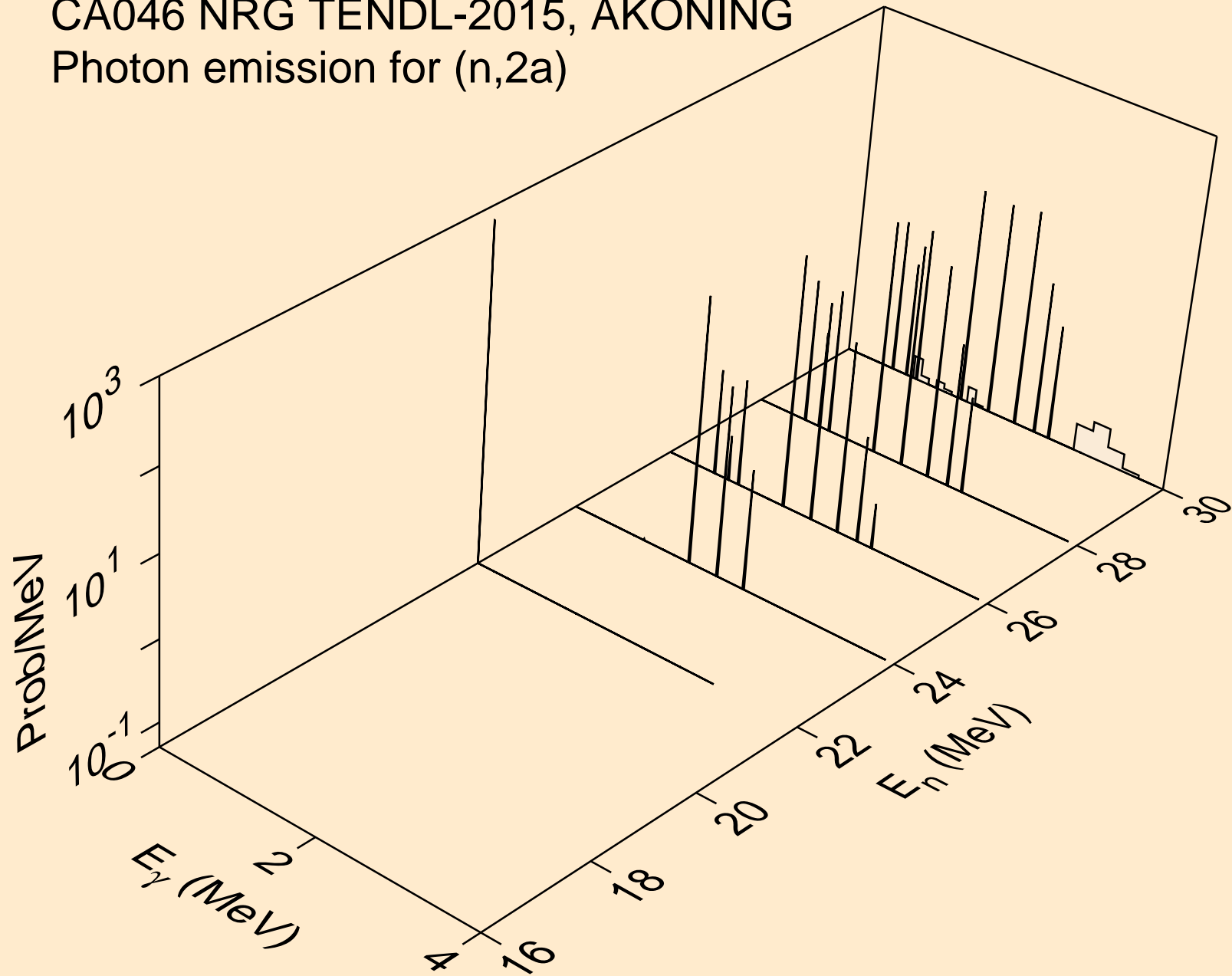




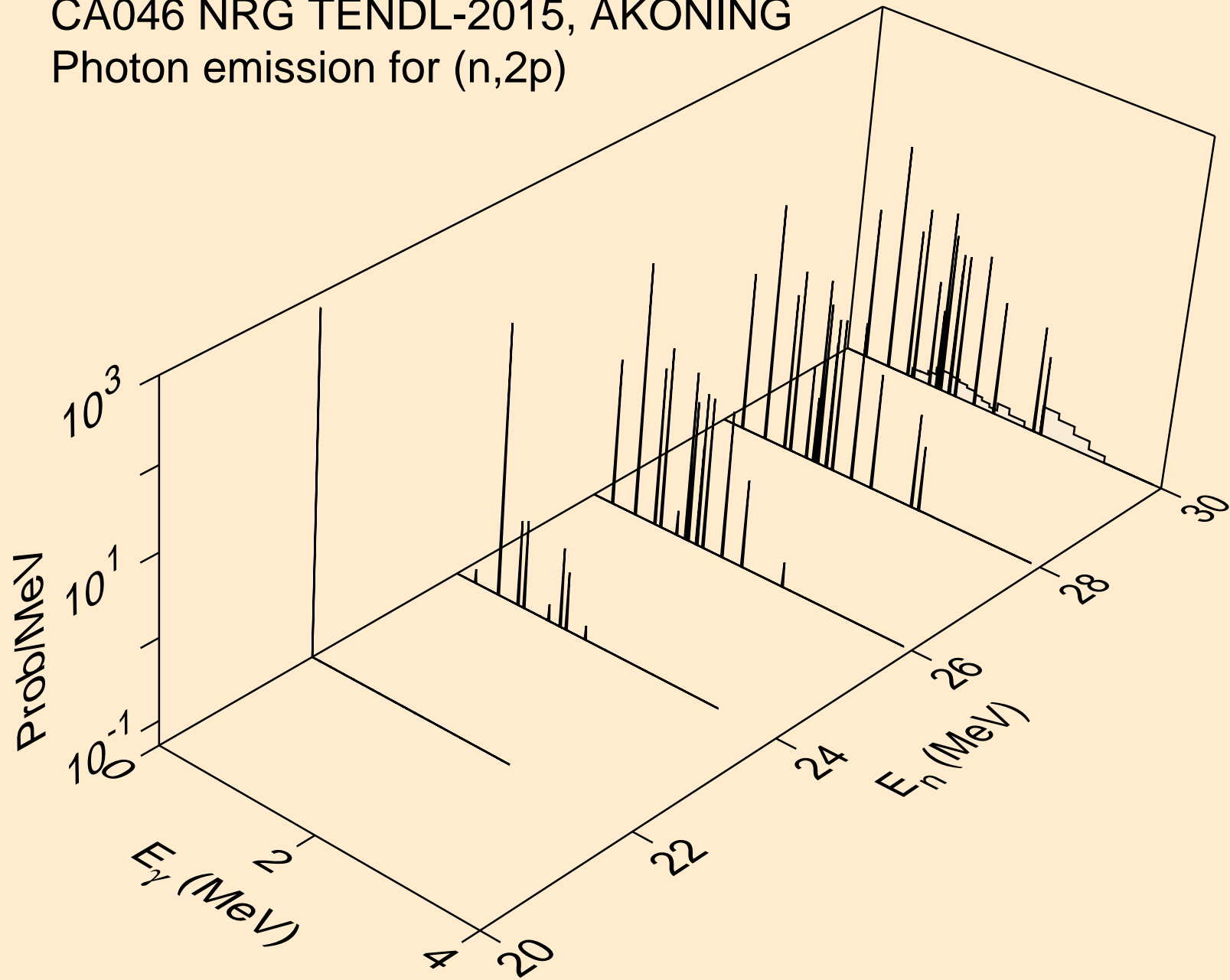
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



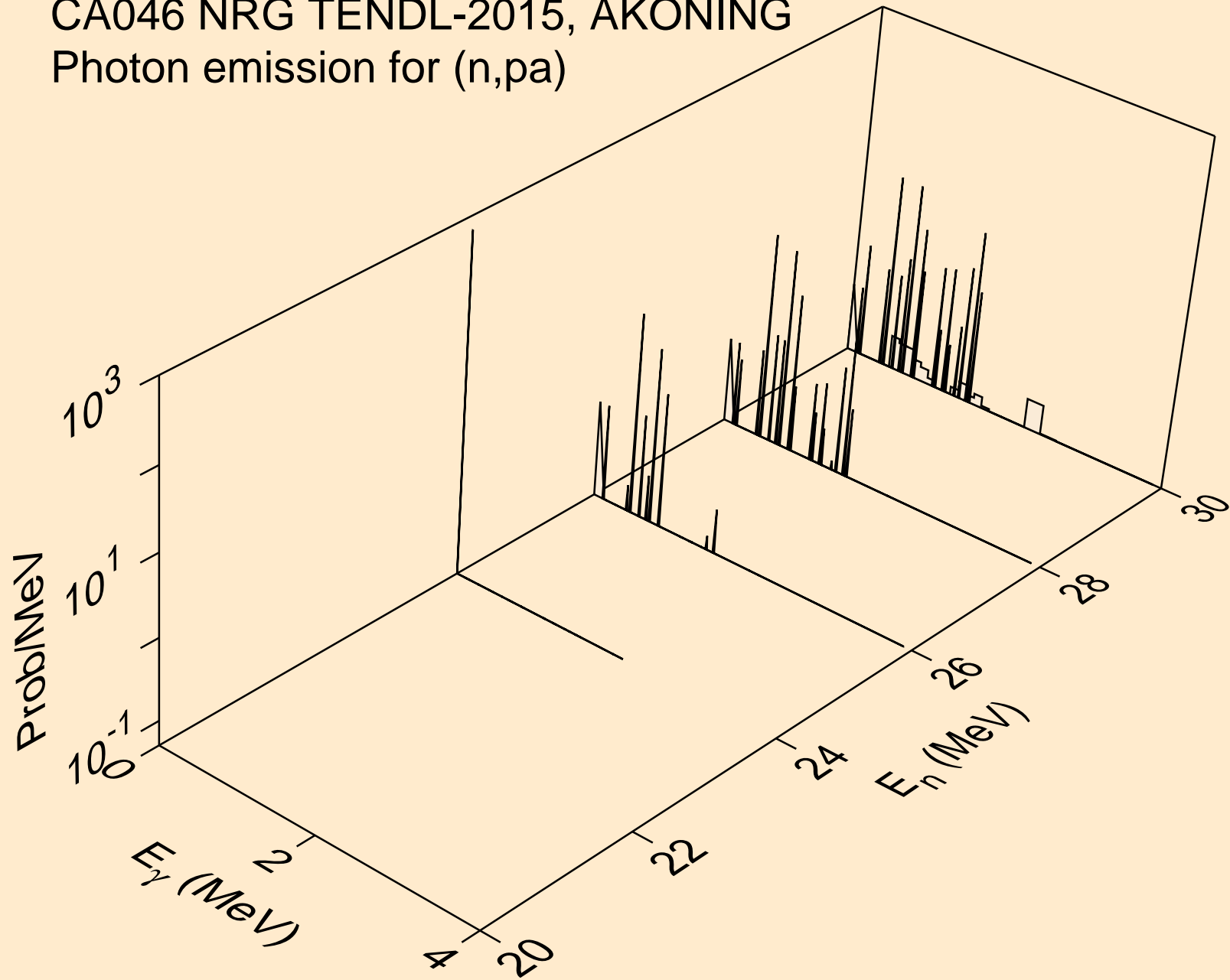
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



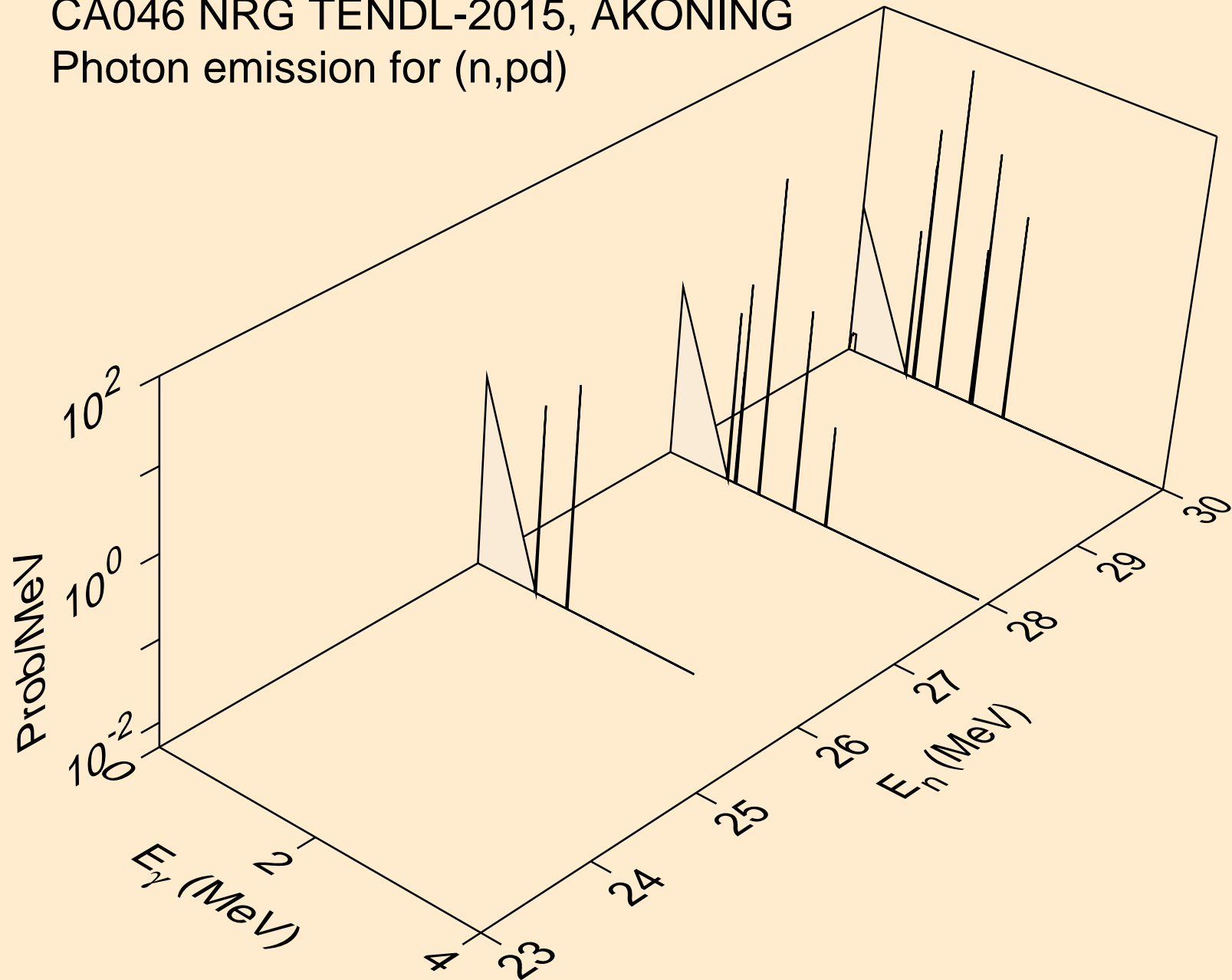
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Photon emission for (n,2p)



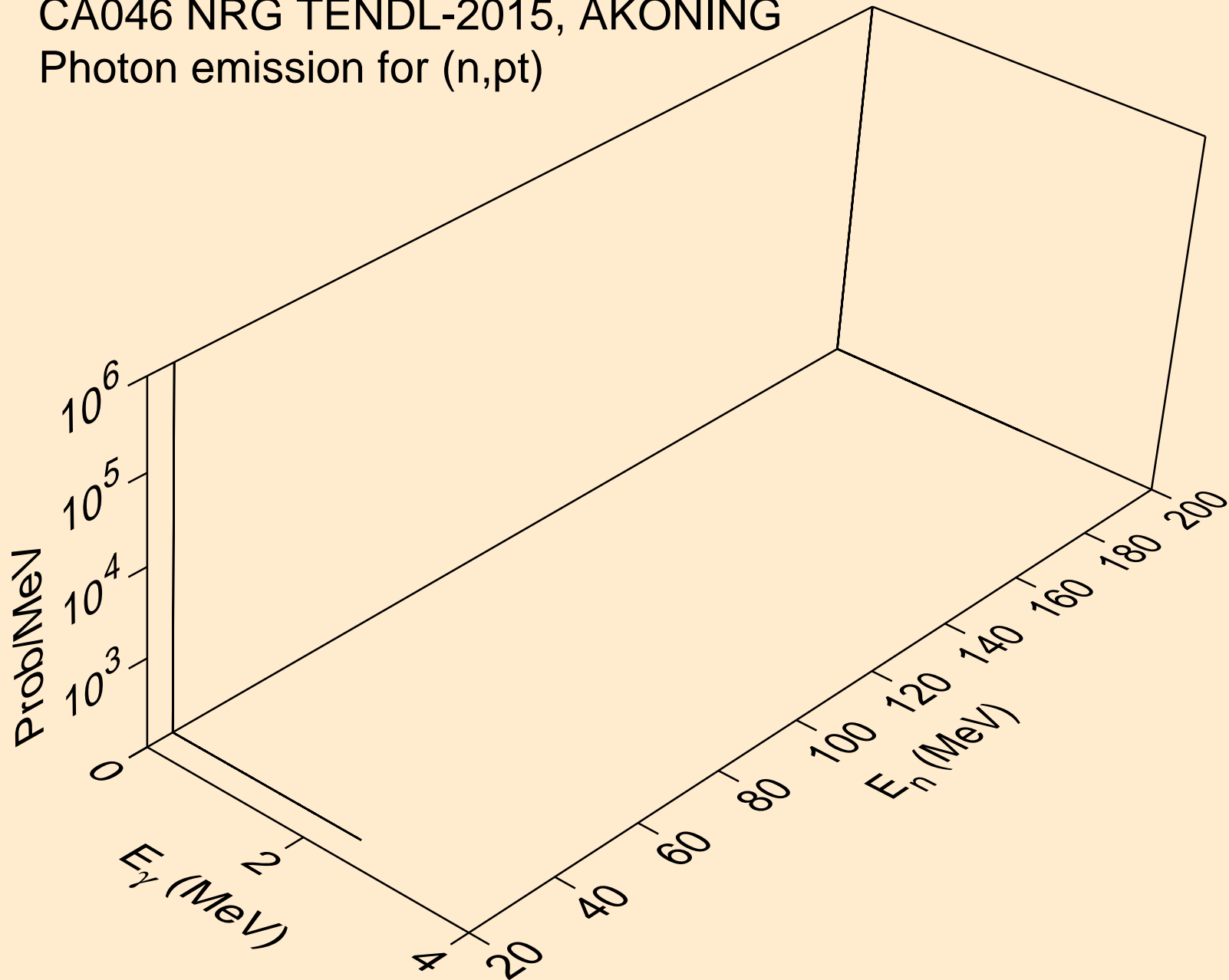
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



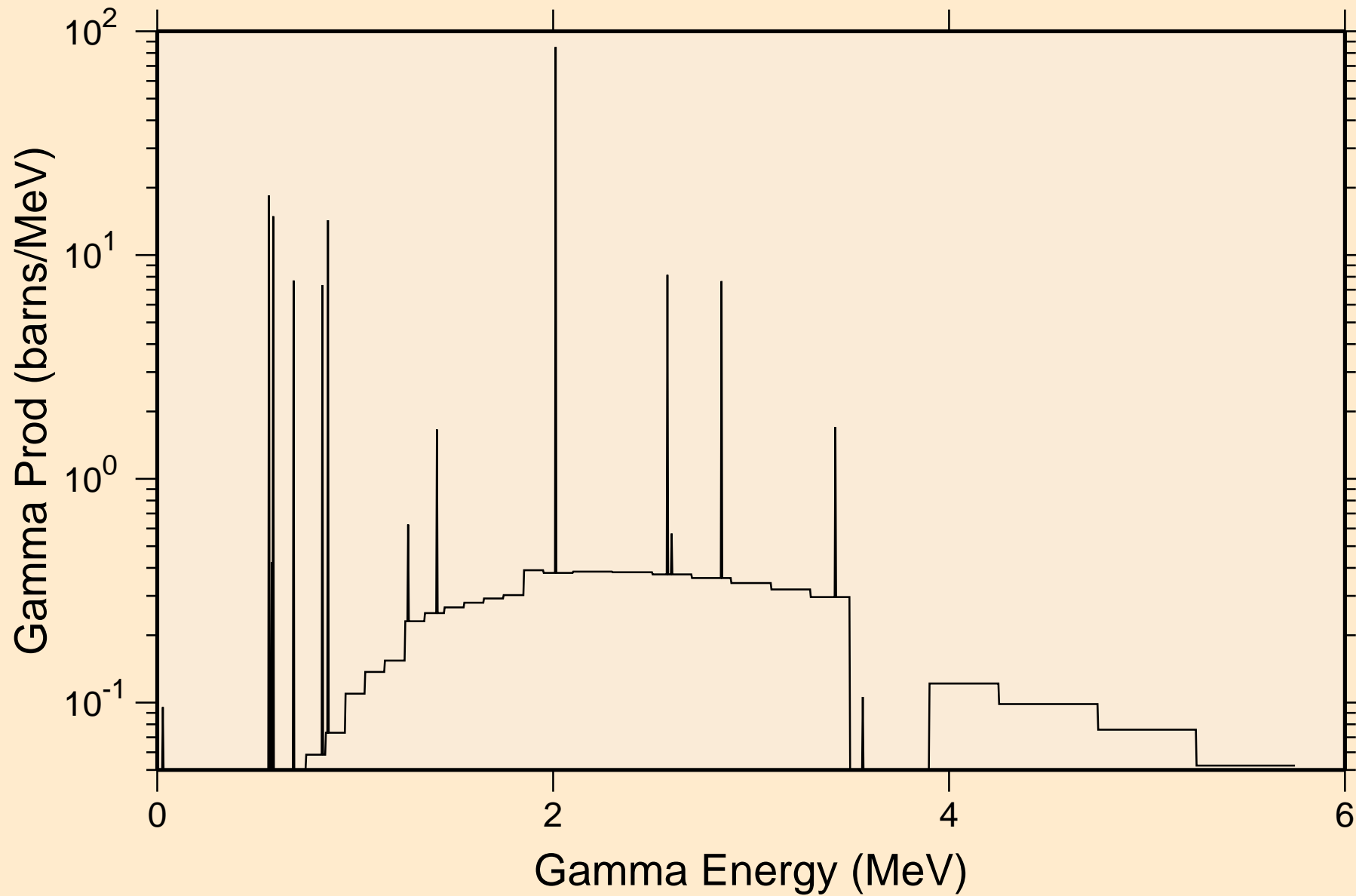
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



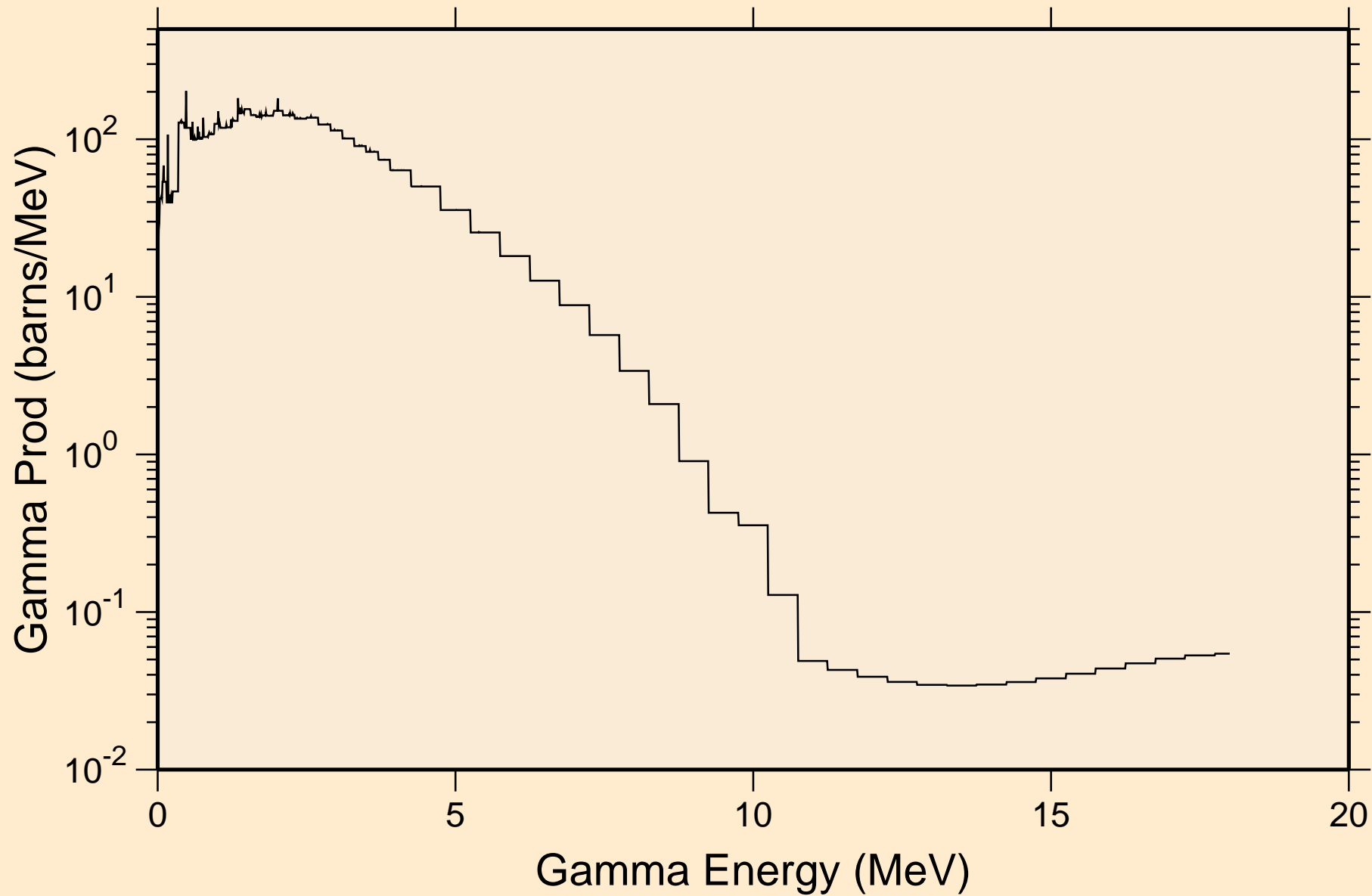
CA046 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



CA046 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



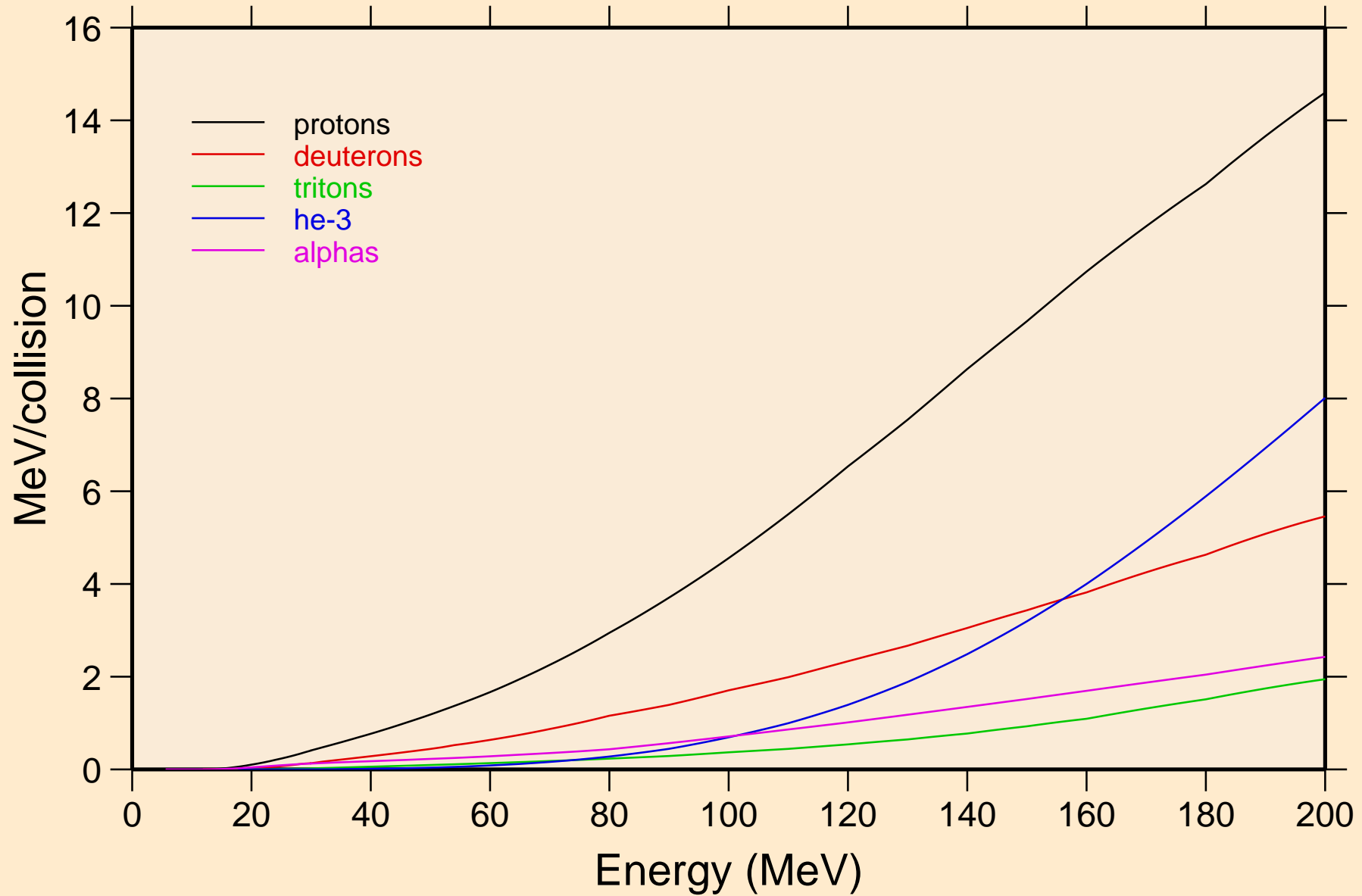
CA046 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





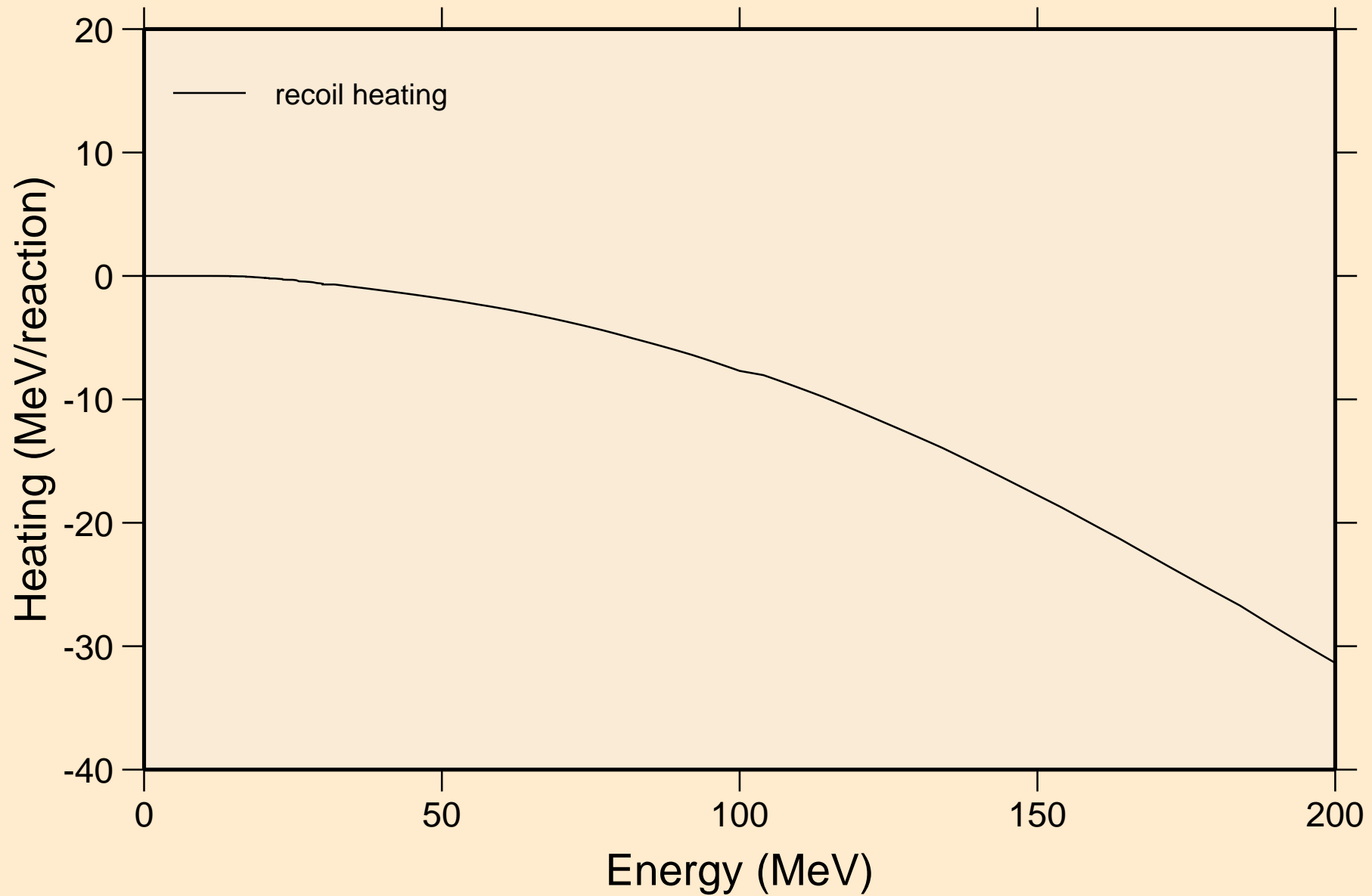
# CA046 NRG TENDL-2015, AKONING

## Particle heating contributions



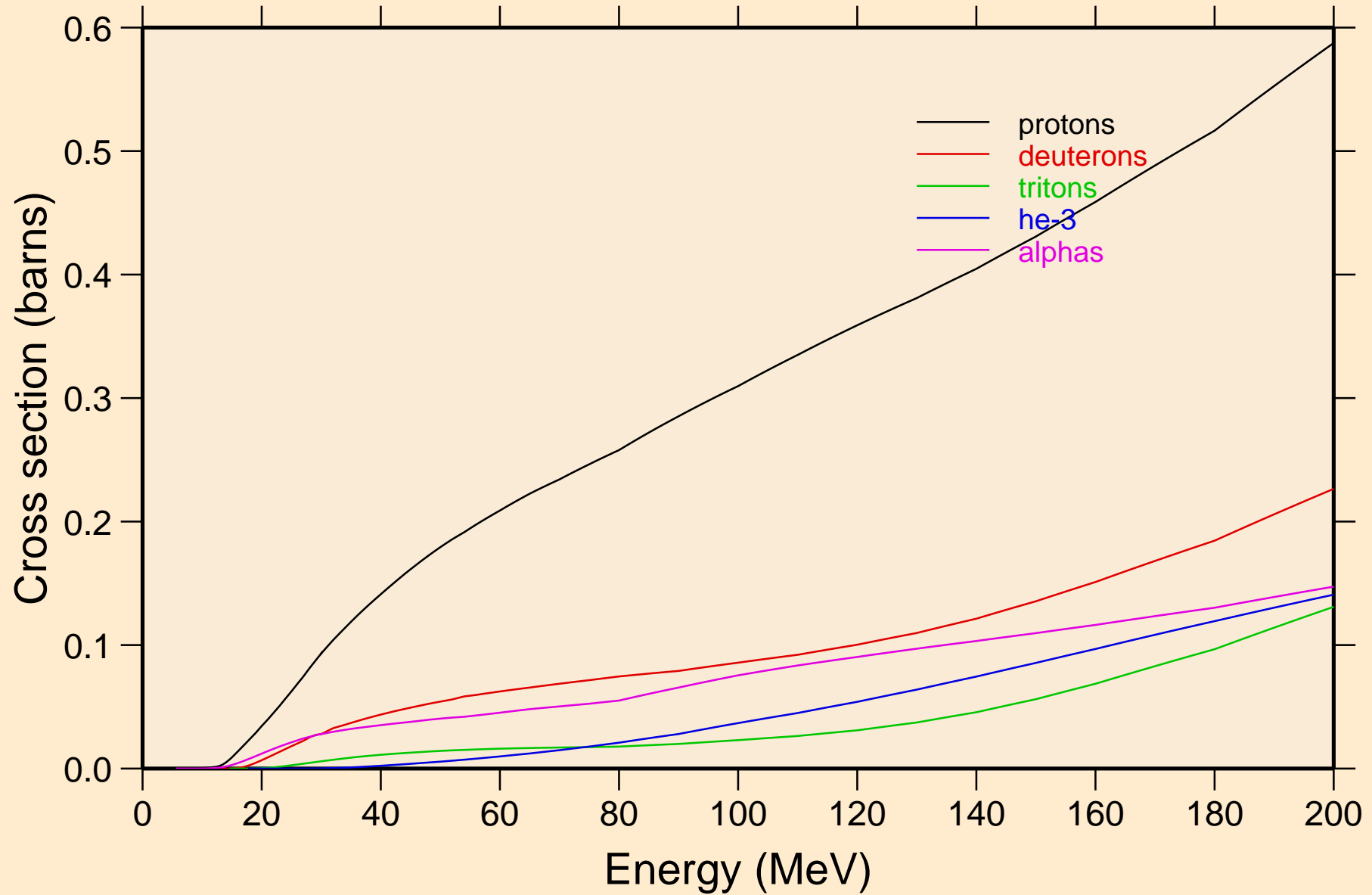
# CA046 NRG TENDL-2015, AKONING

## Recoil Heating

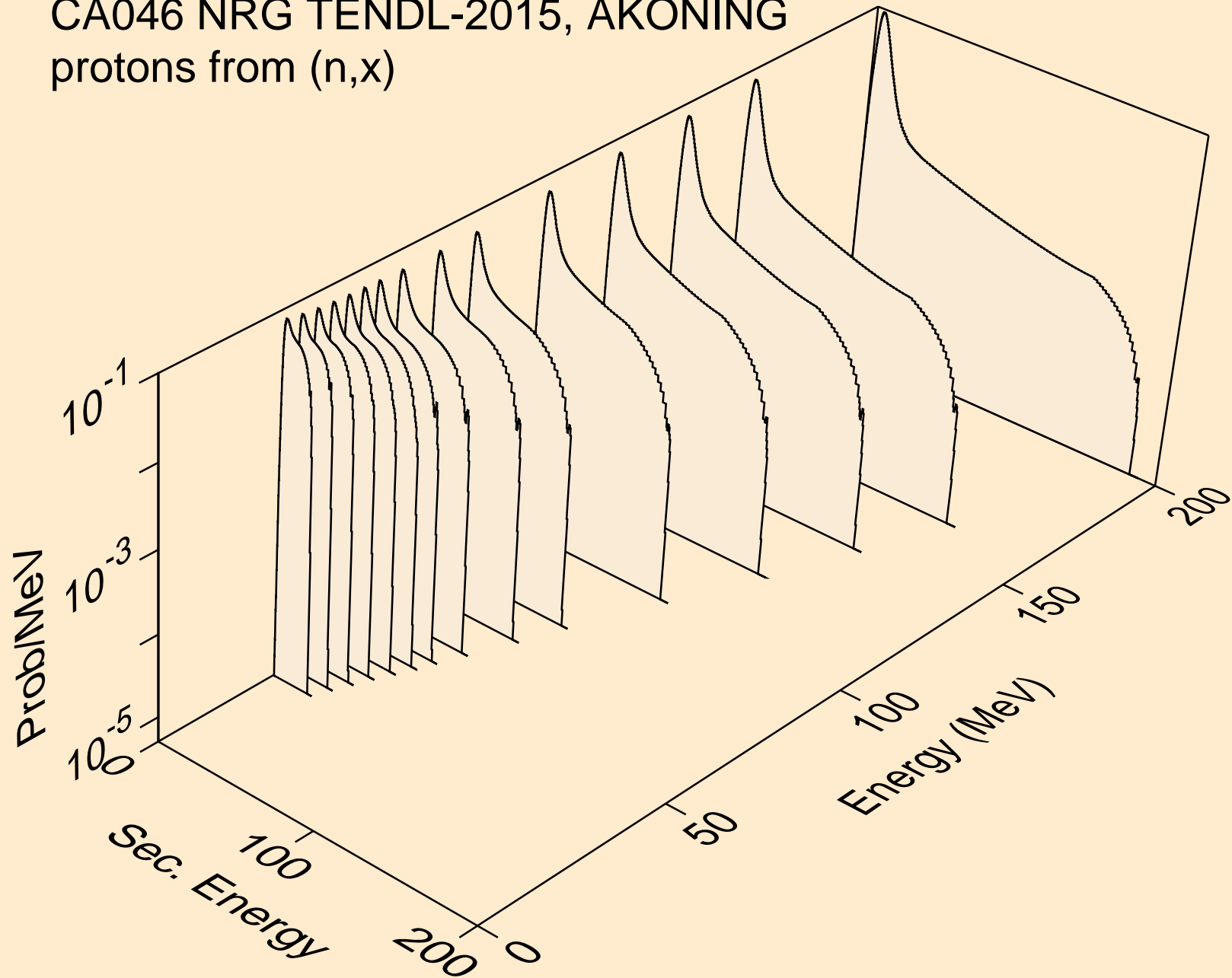


# CA046 NRG TENDL-2015, AKONING

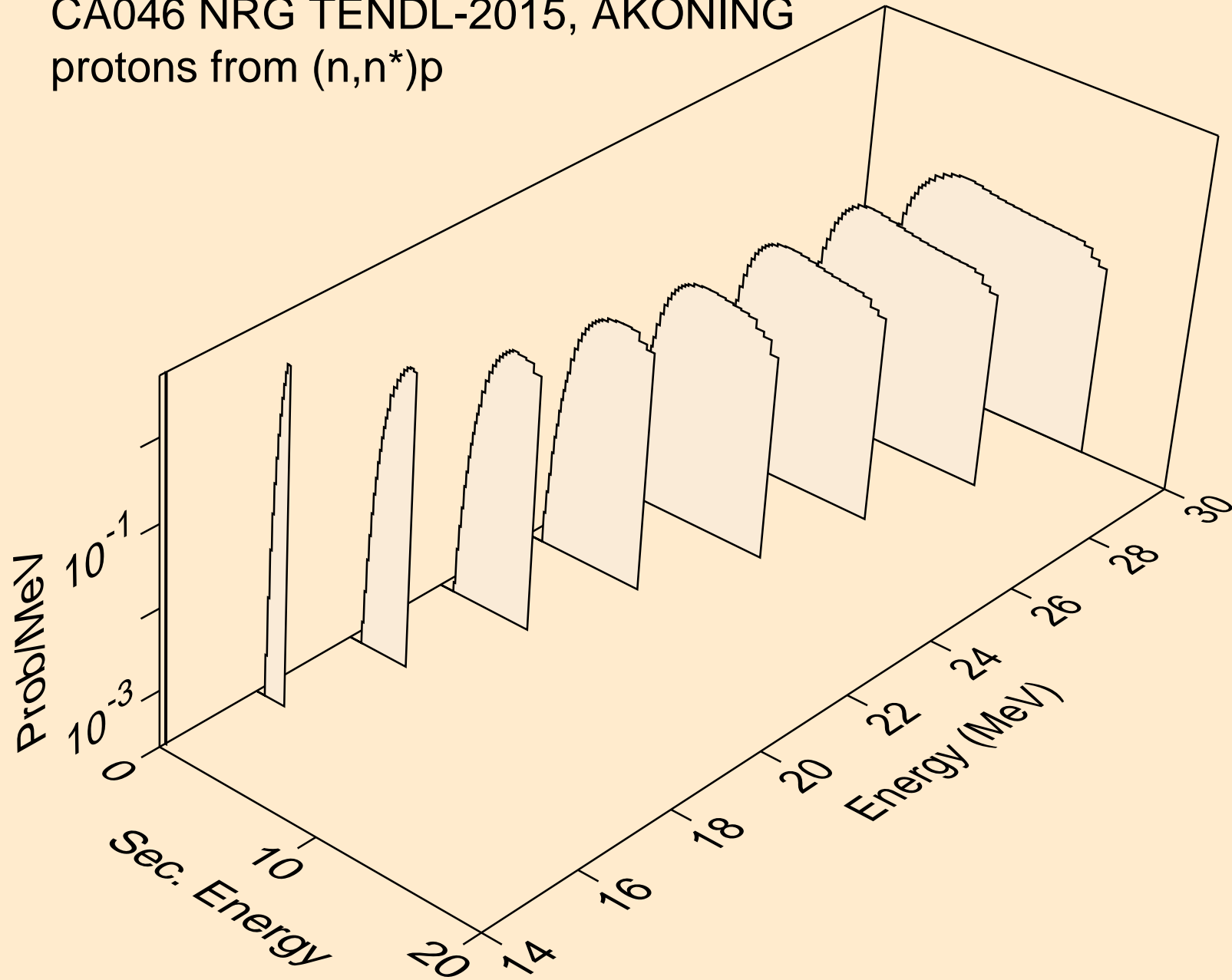
## Particle production cross sections



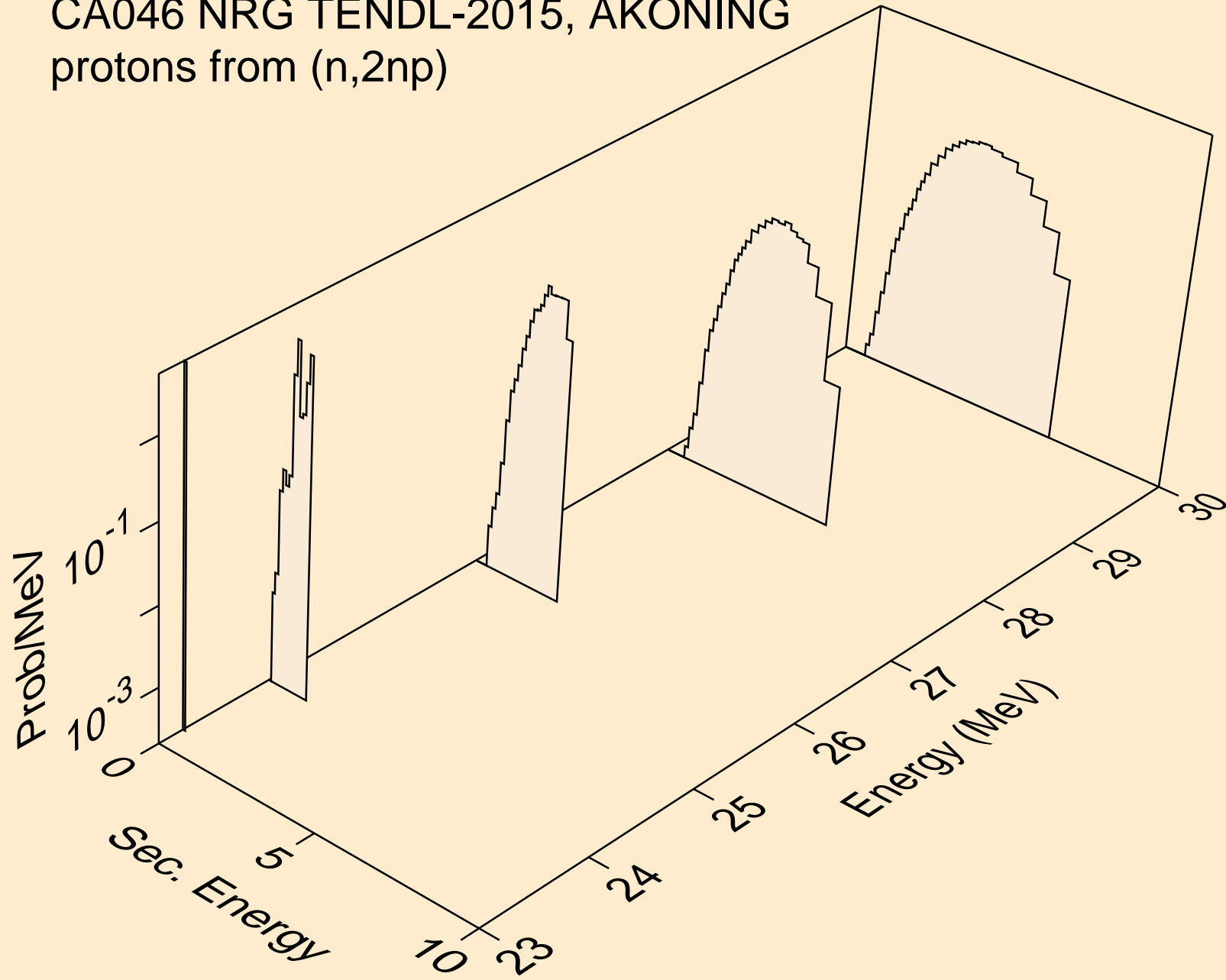
CA046 NRG TENDL-2015, AKONING  
protons from (n,x)



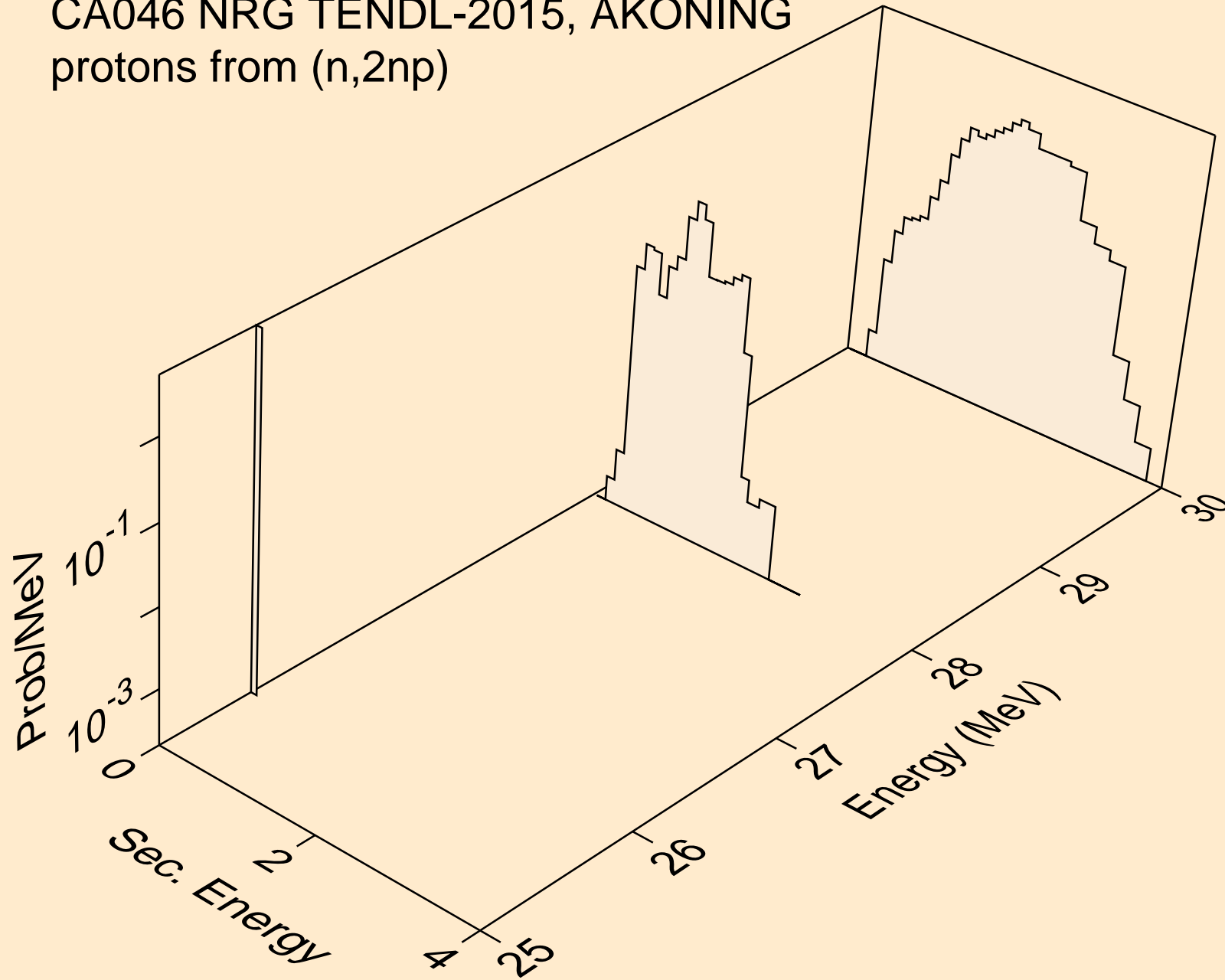
CA046 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



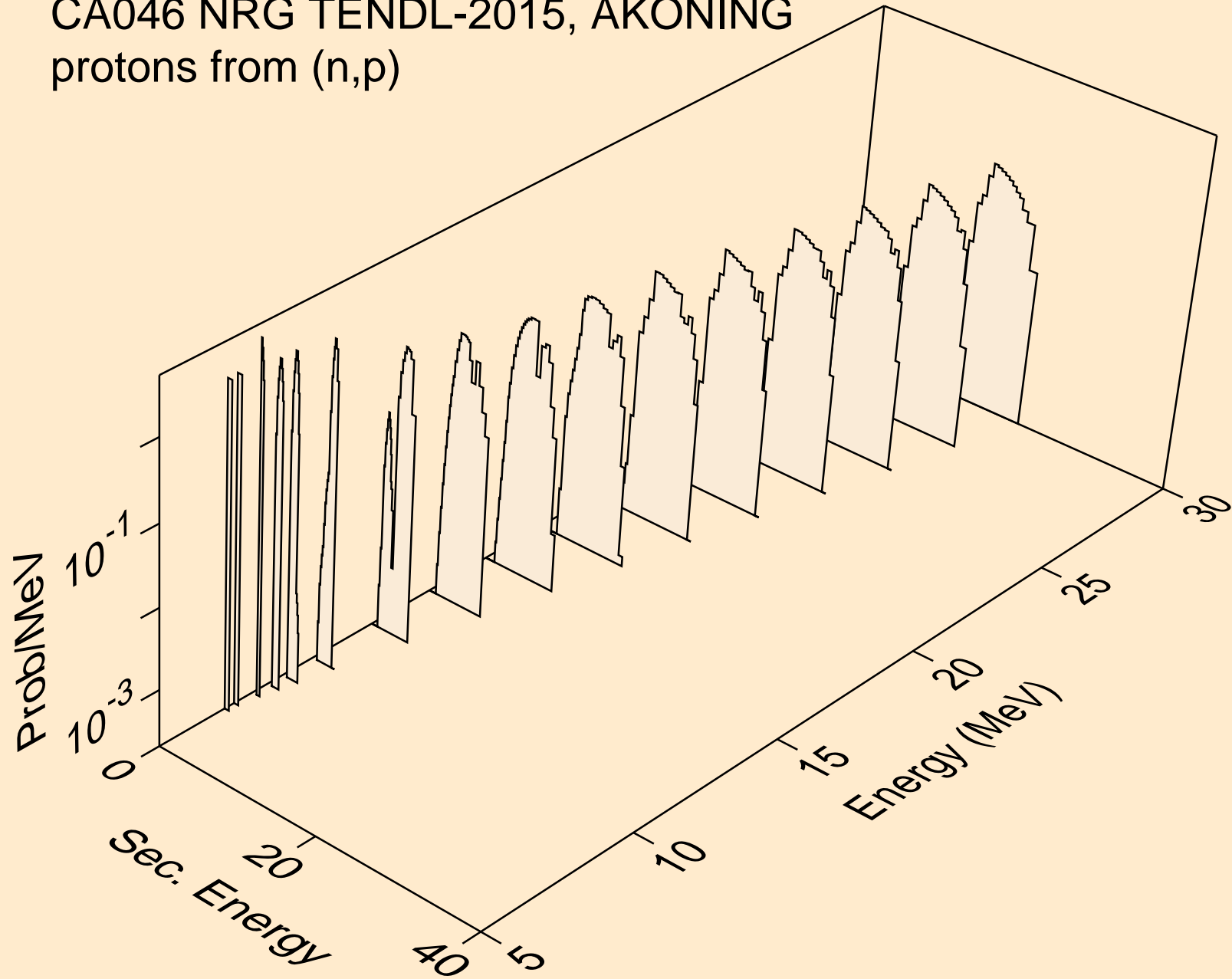
CA046 NRG TENDL-2015, AKONING  
protons from (n,2np)



CA046 NRG TENDL-2015, AKONING  
protons from (n,2np)

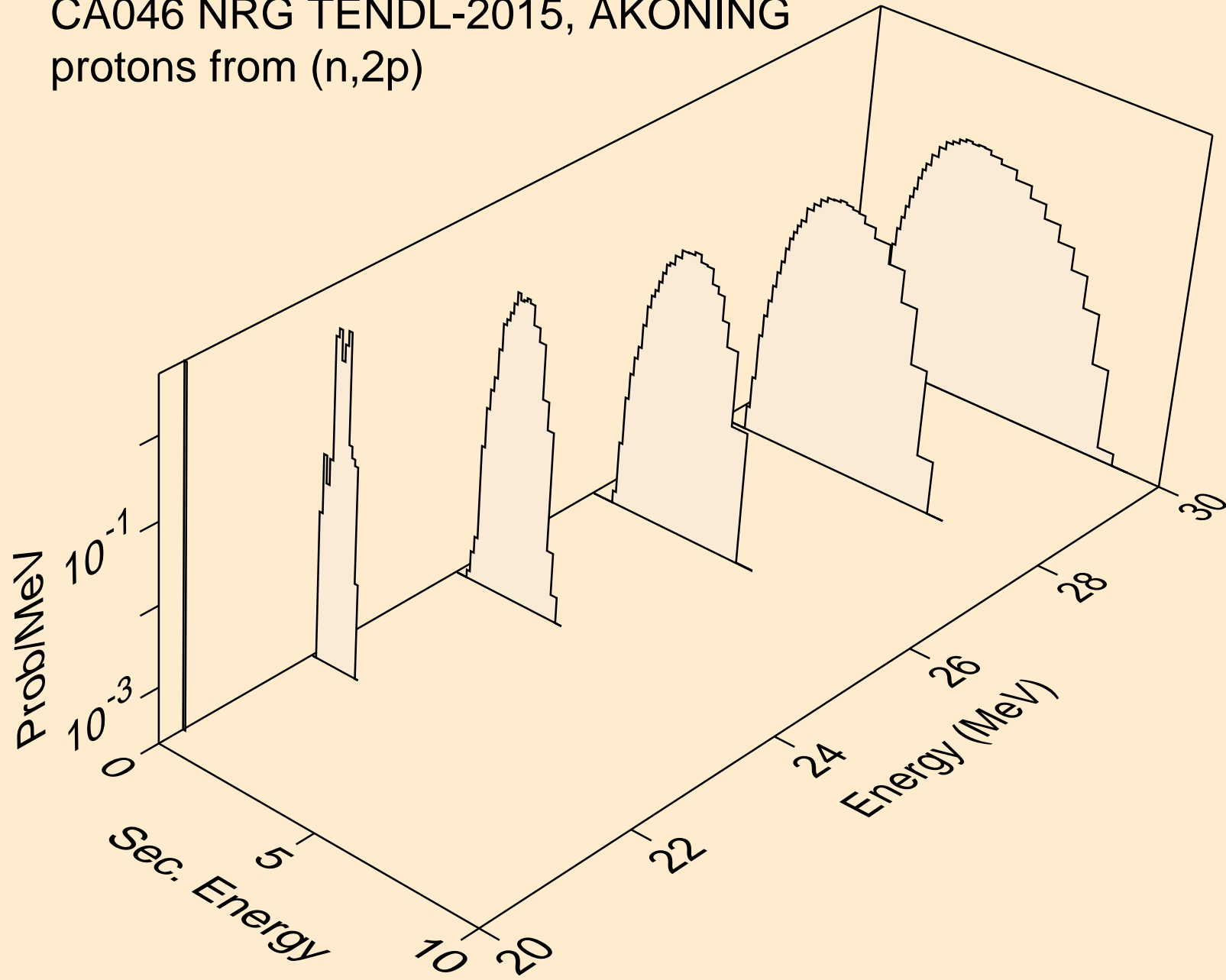


CA046 NRG TENDL-2015, AKONING  
protons from (n,p)

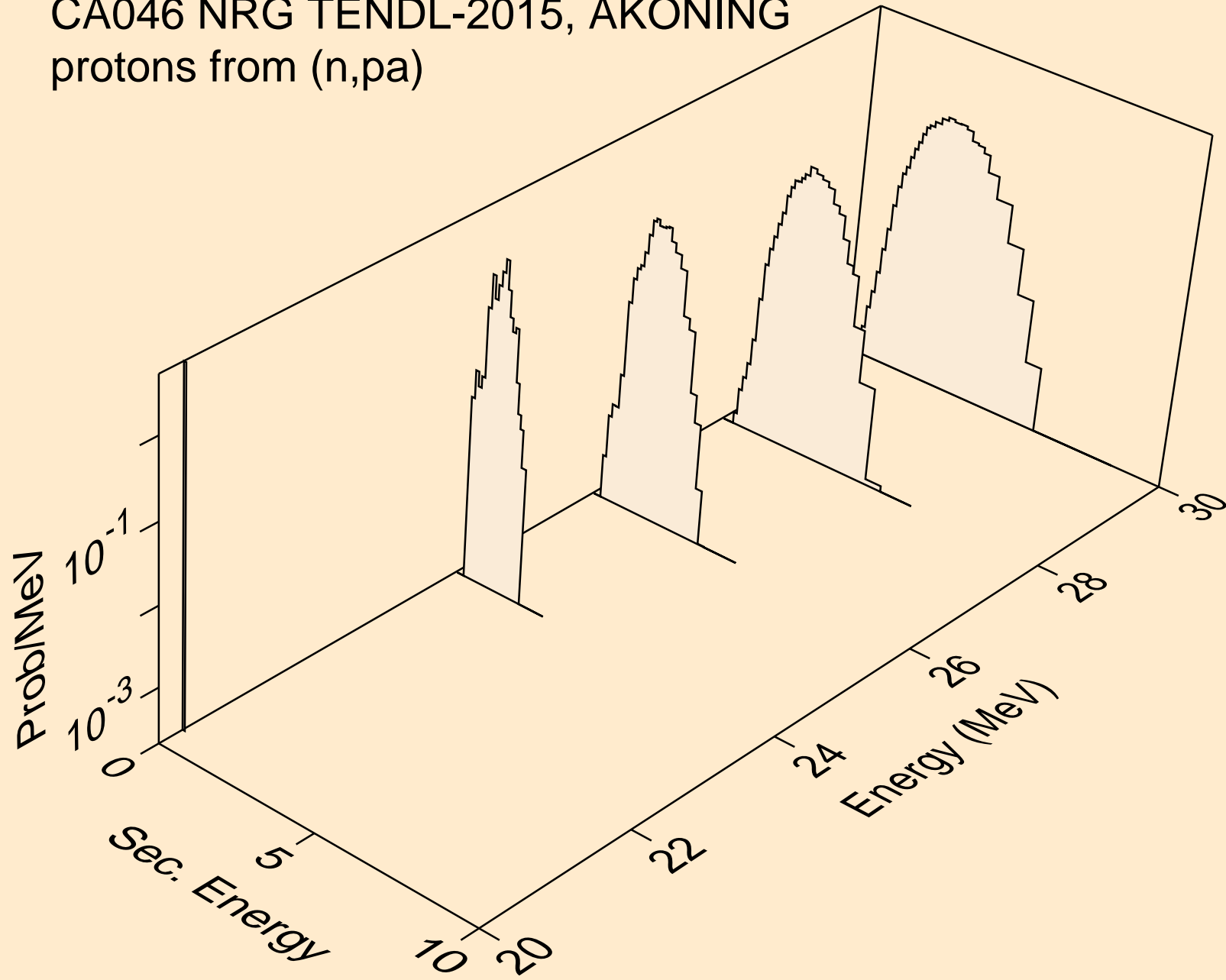




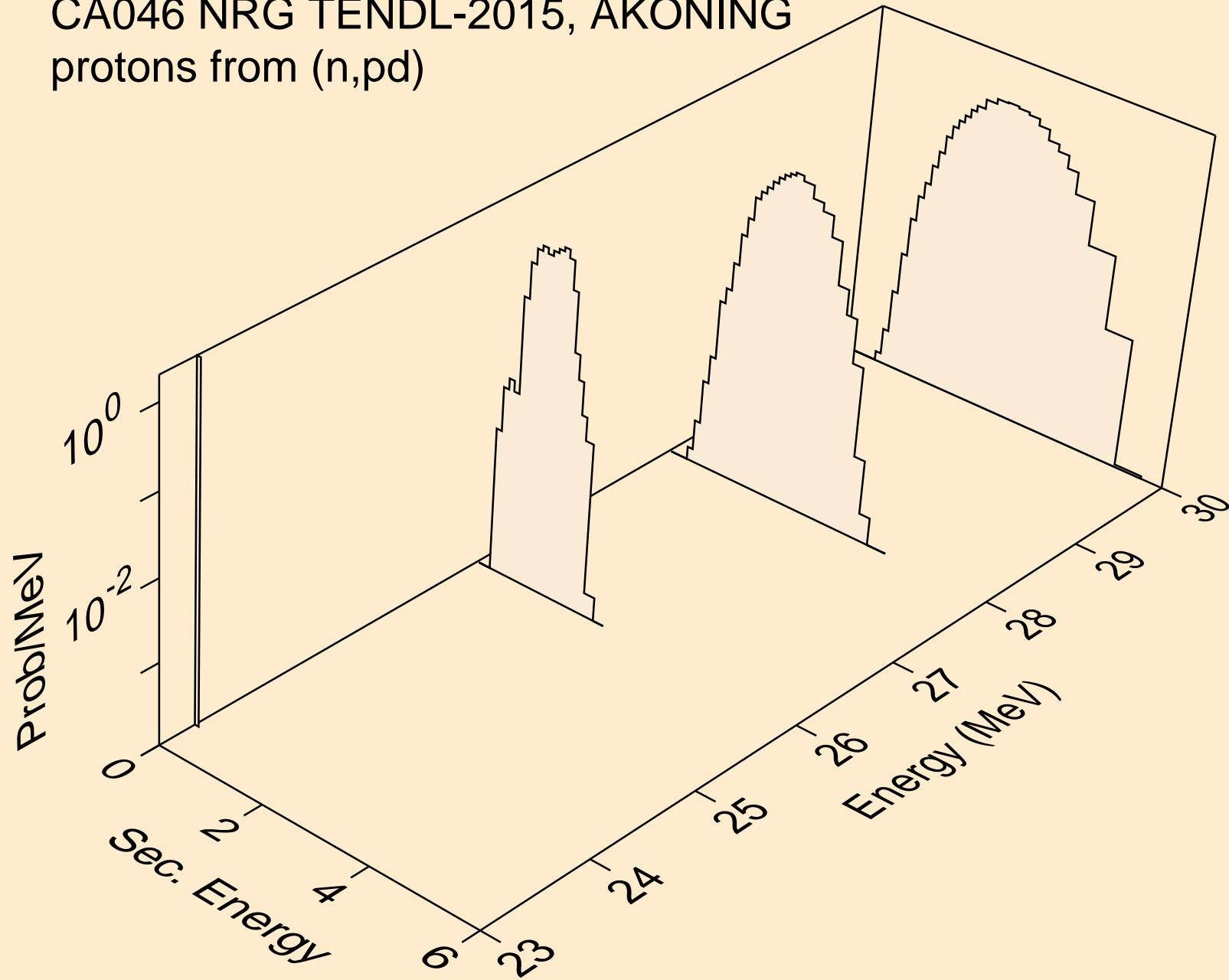
CA046 NRG TENDL-2015, AKONING  
protons from (n,2p)



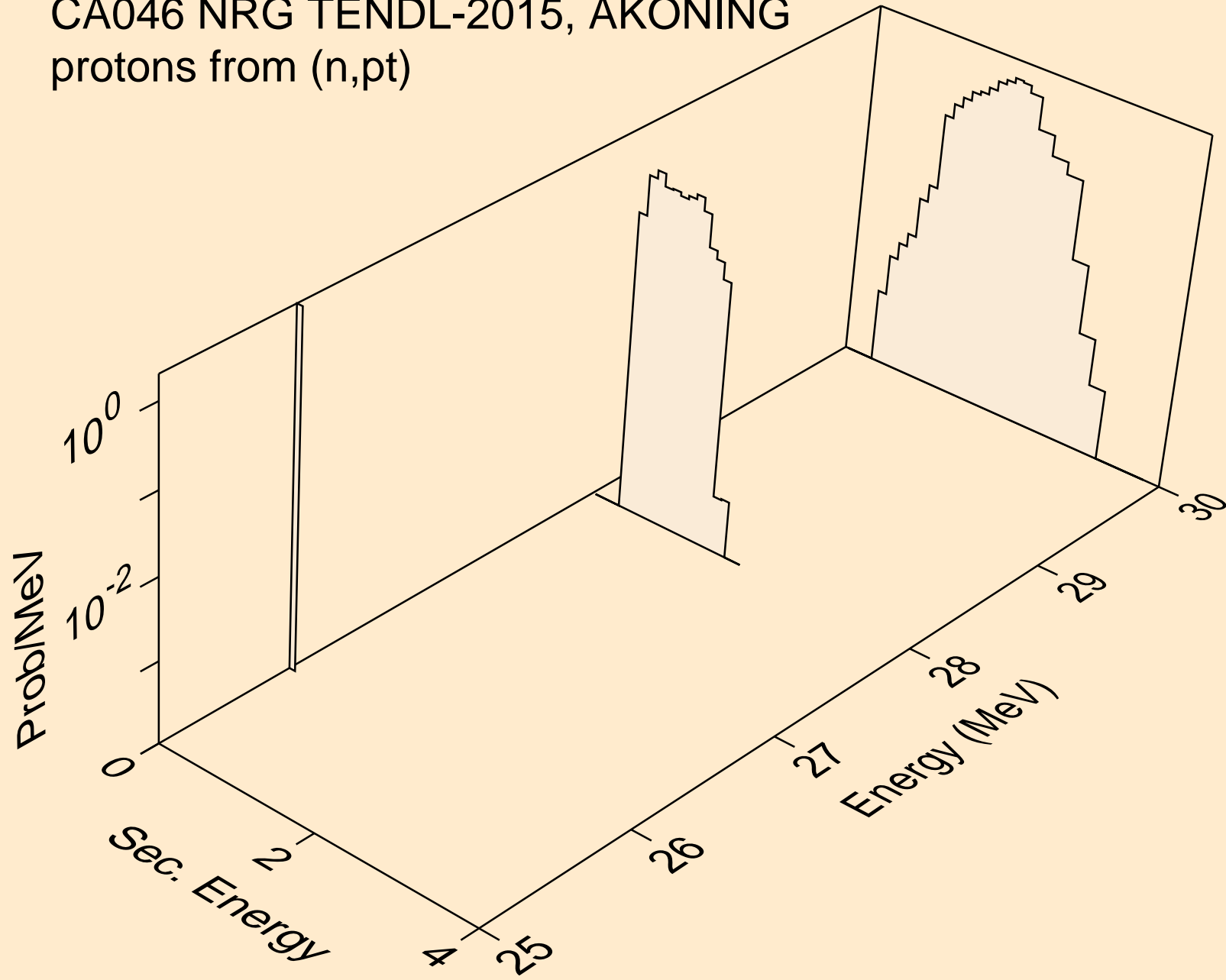
CA046 NRG TENDL-2015, AKONING  
protons from (n,pa)



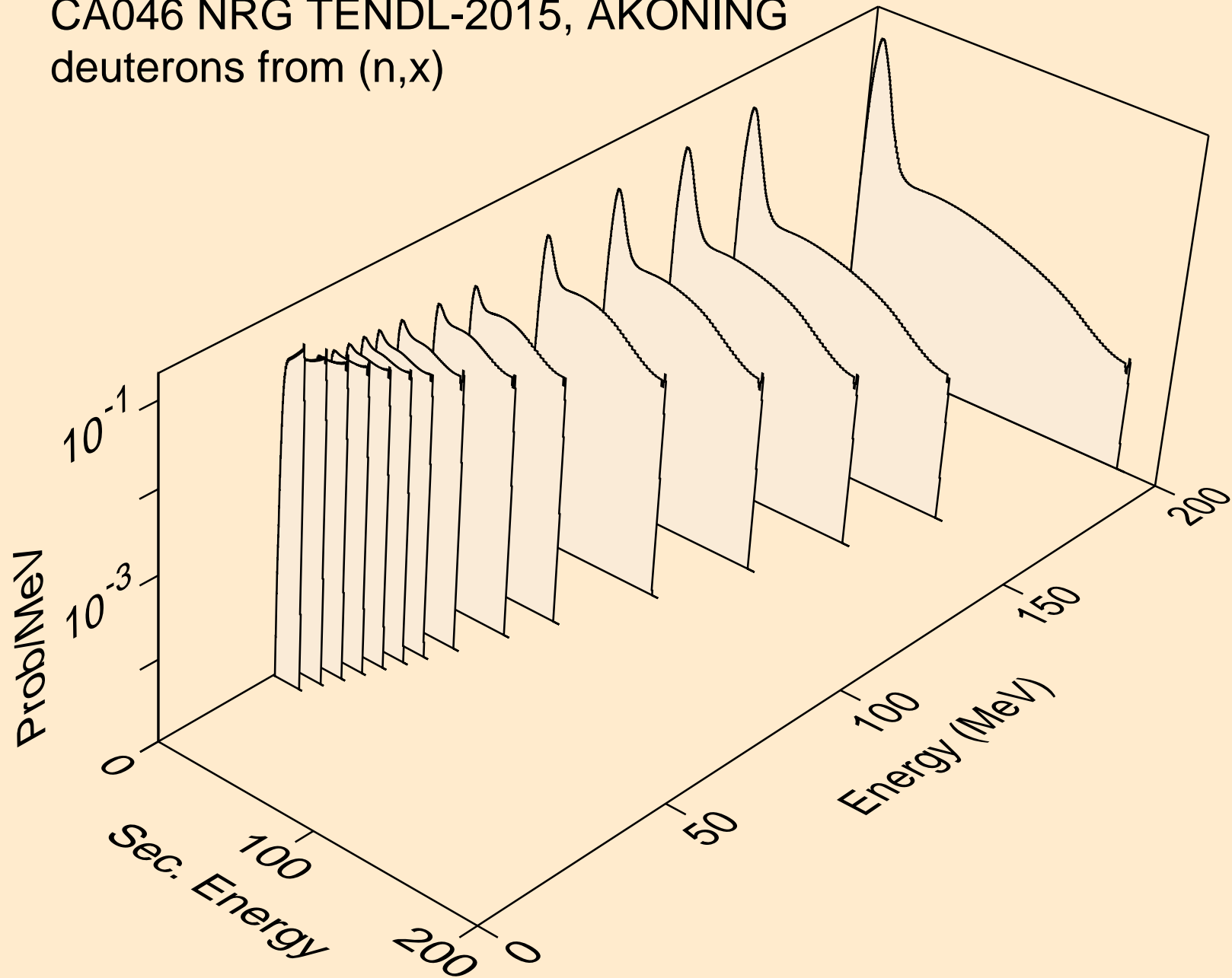
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protons from (n,pd)



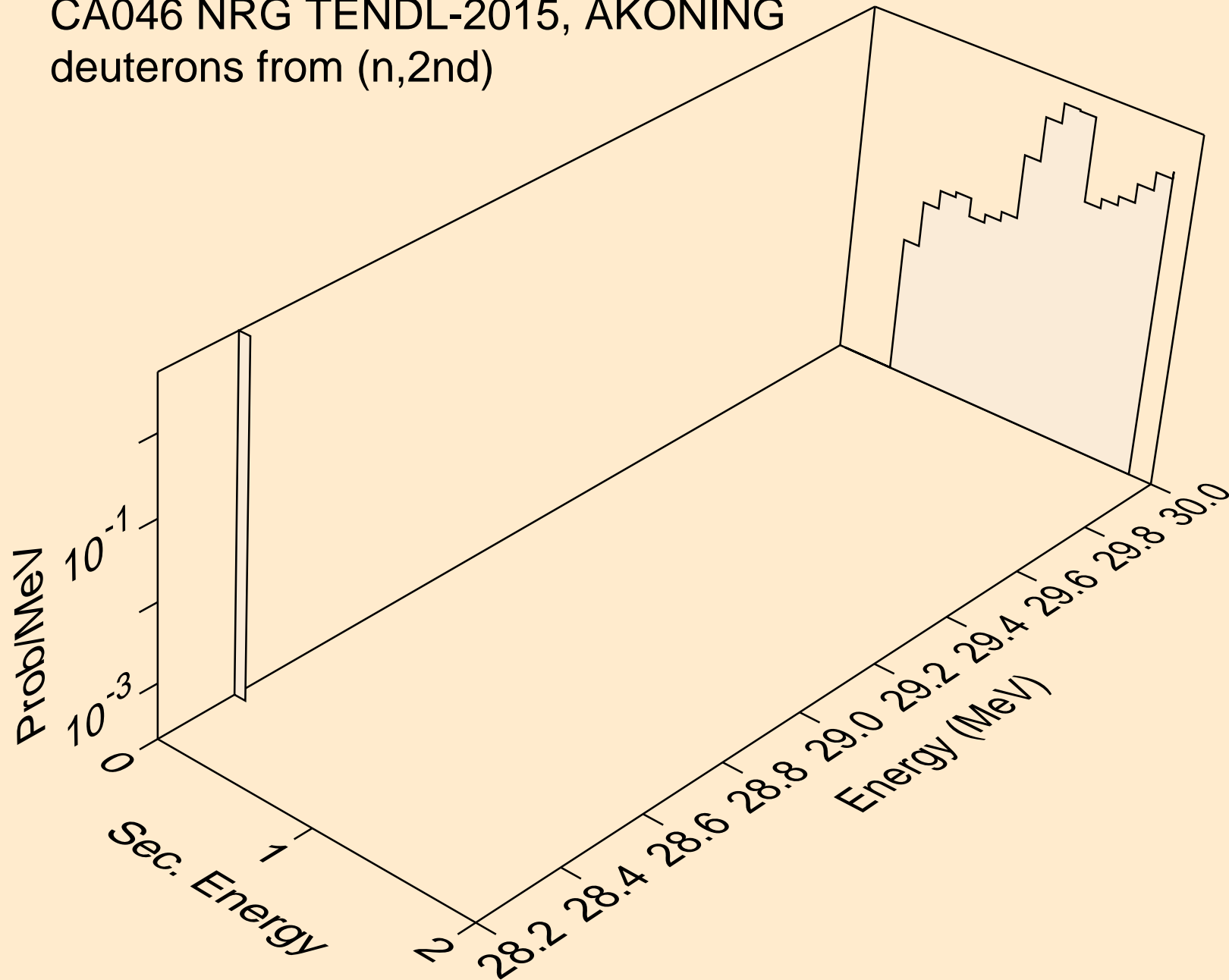
CA046 NRG TENDL-2015, AKONING  
protons from (n,pt)



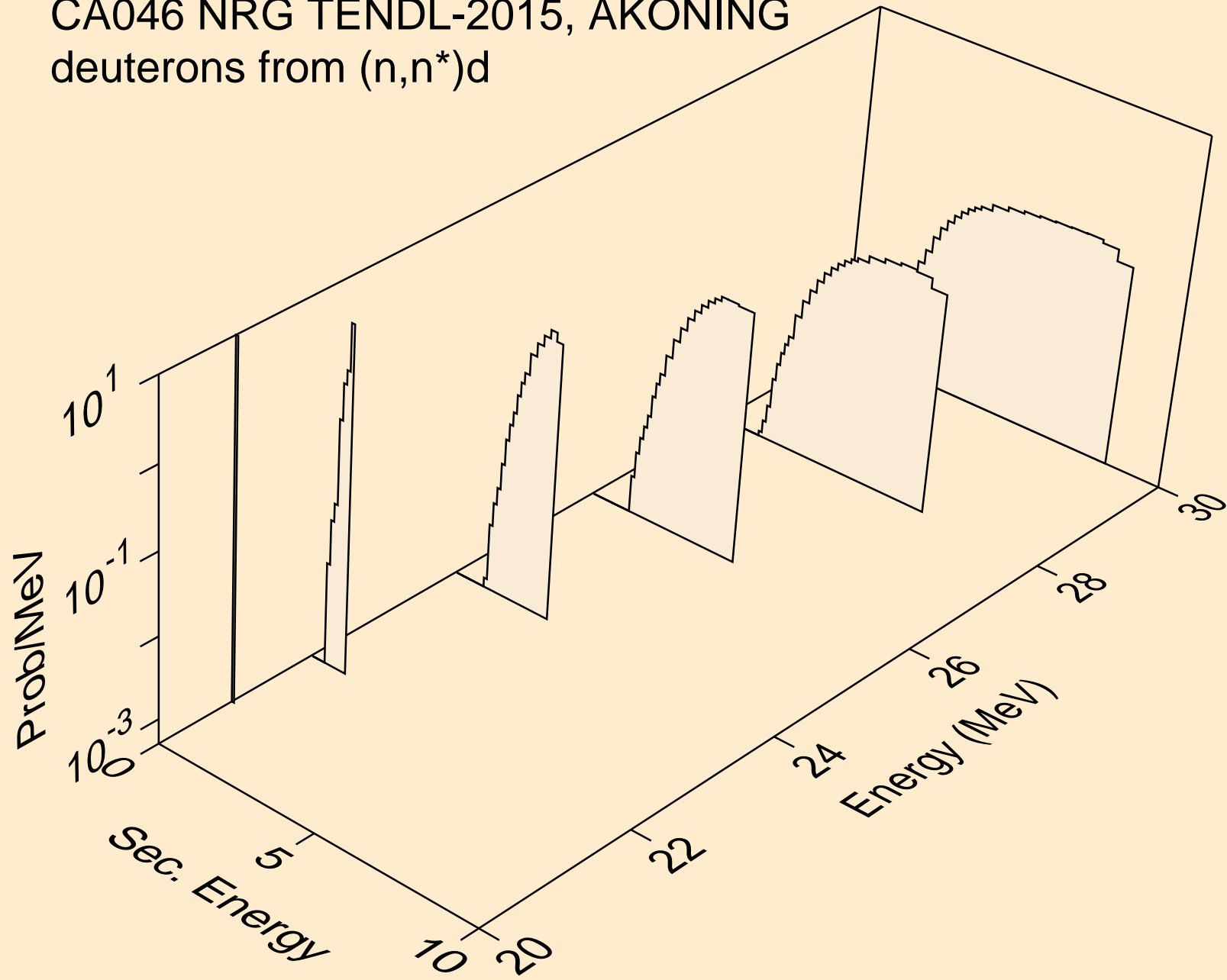
CA046 NRG TENDL-2015, AKONING  
deuterons from (n,x)



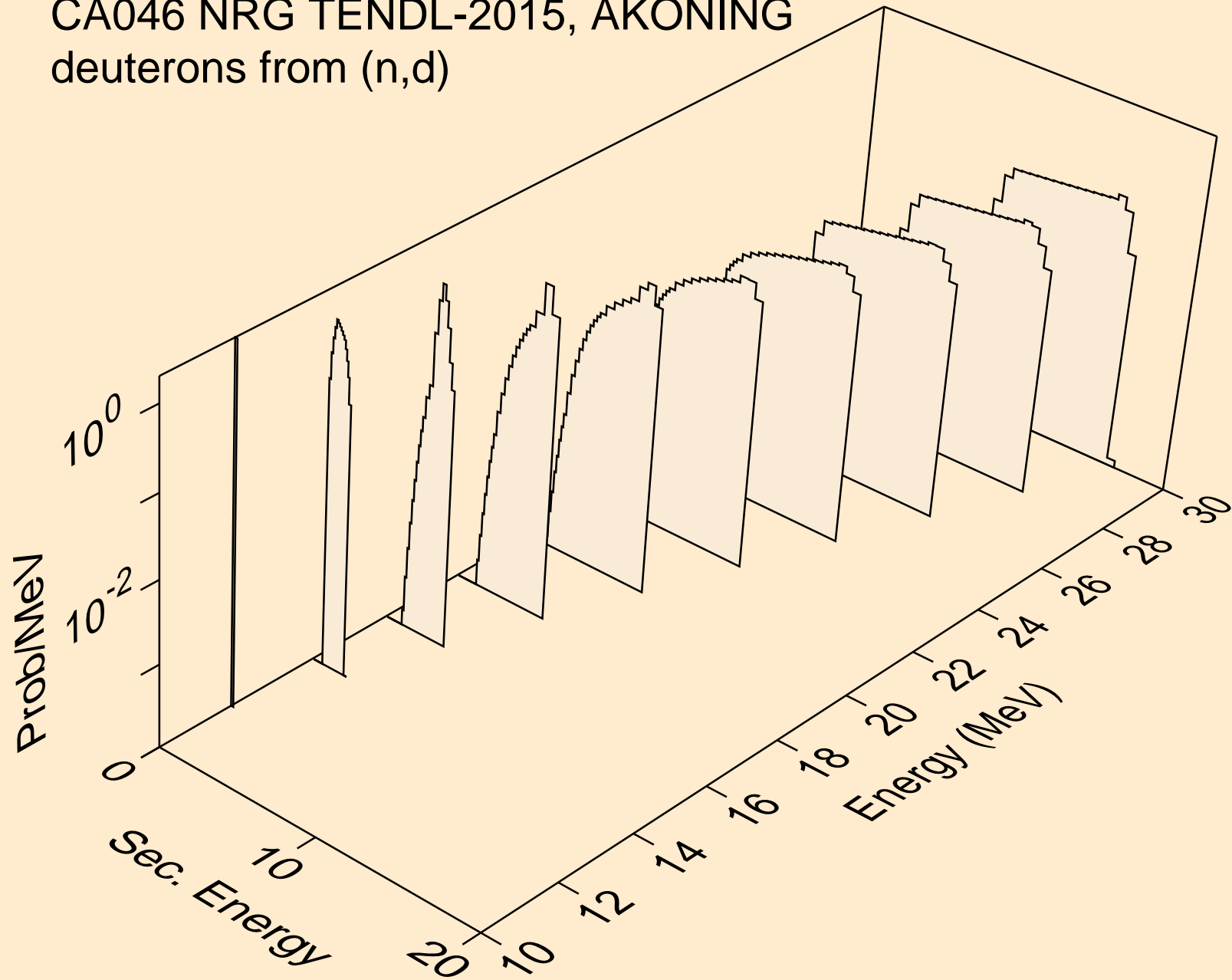
CA046 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



CA046 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

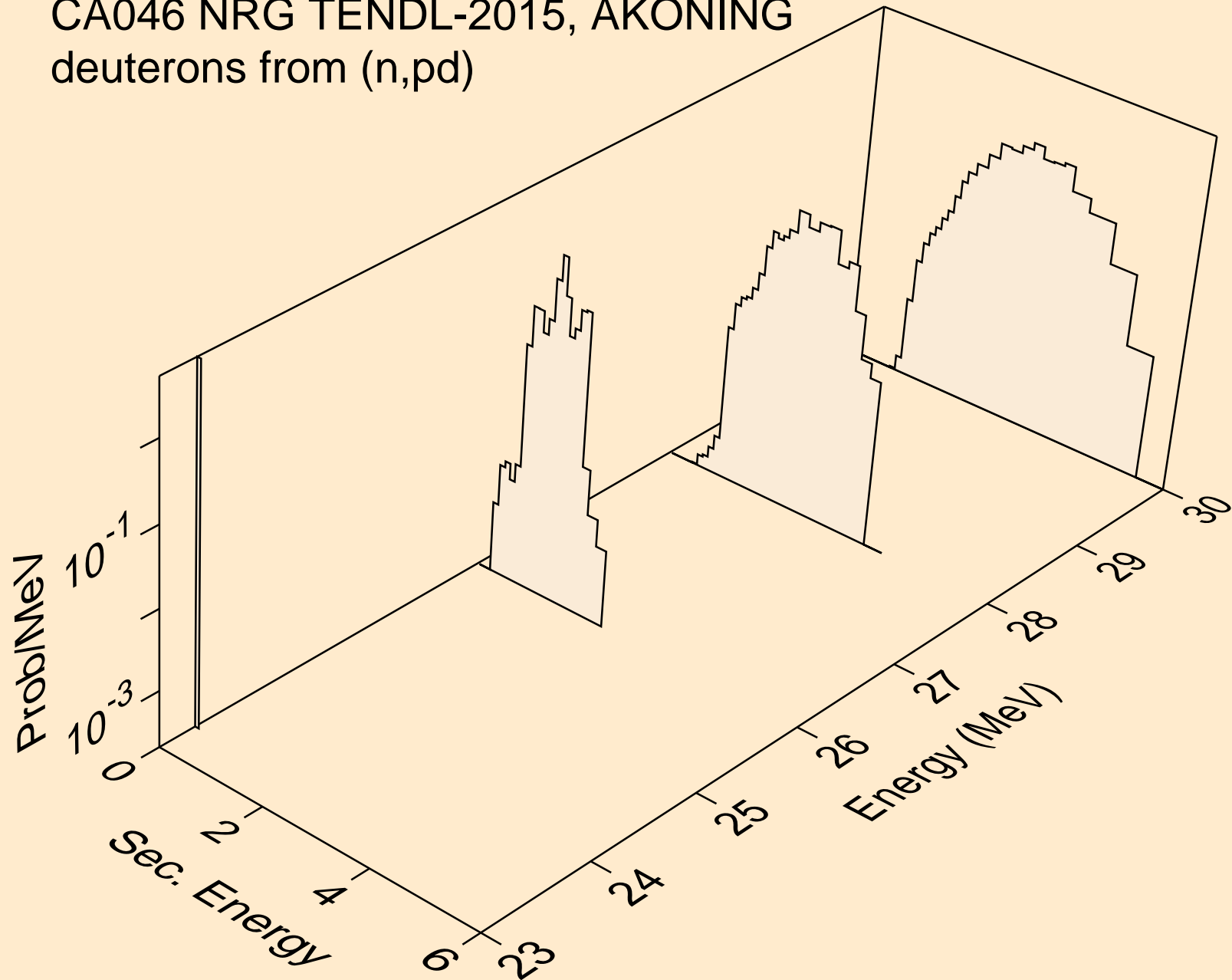


CA046 NRG TENDL-2015, AKONING  
deuterons from (n,d)

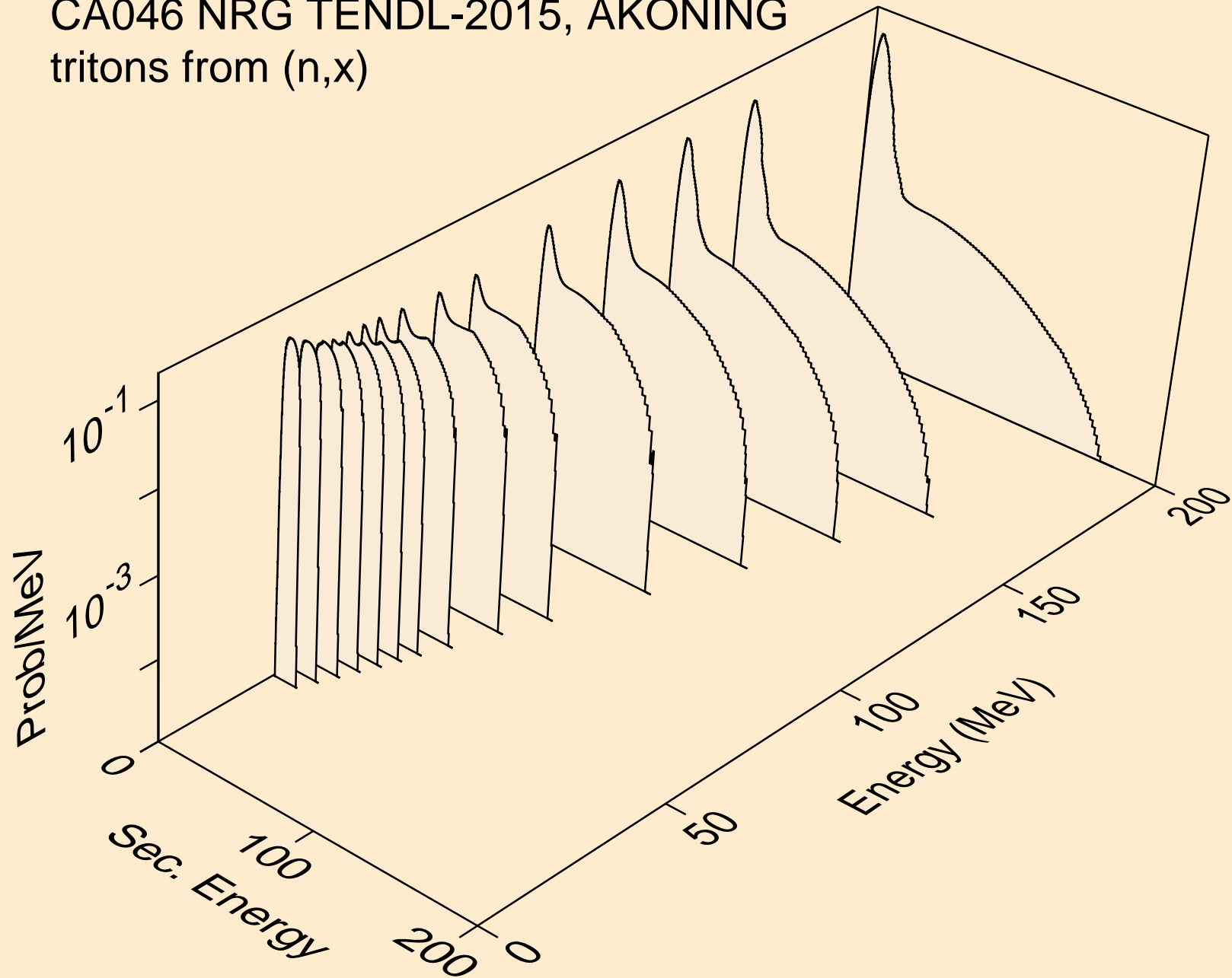




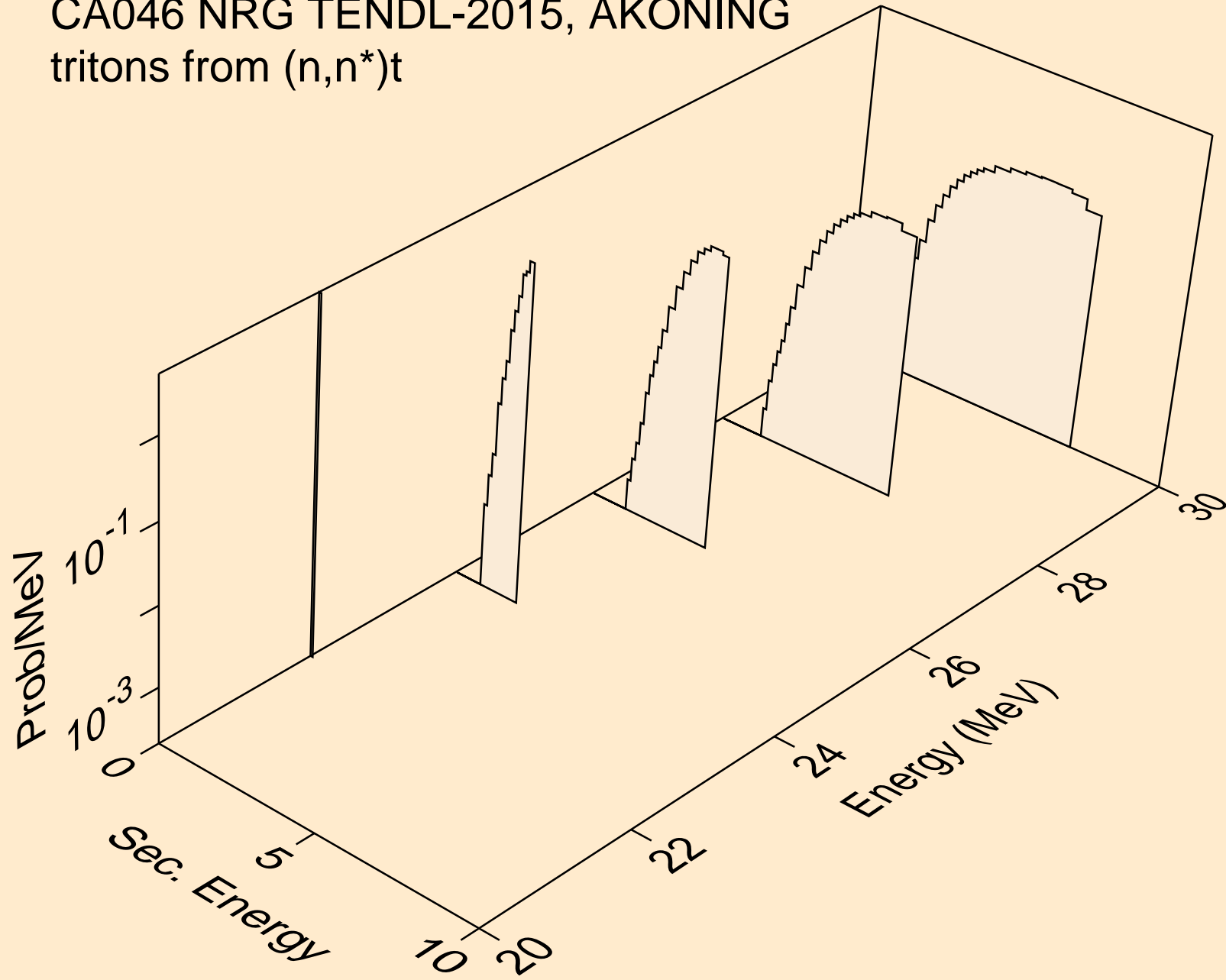
CA046 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



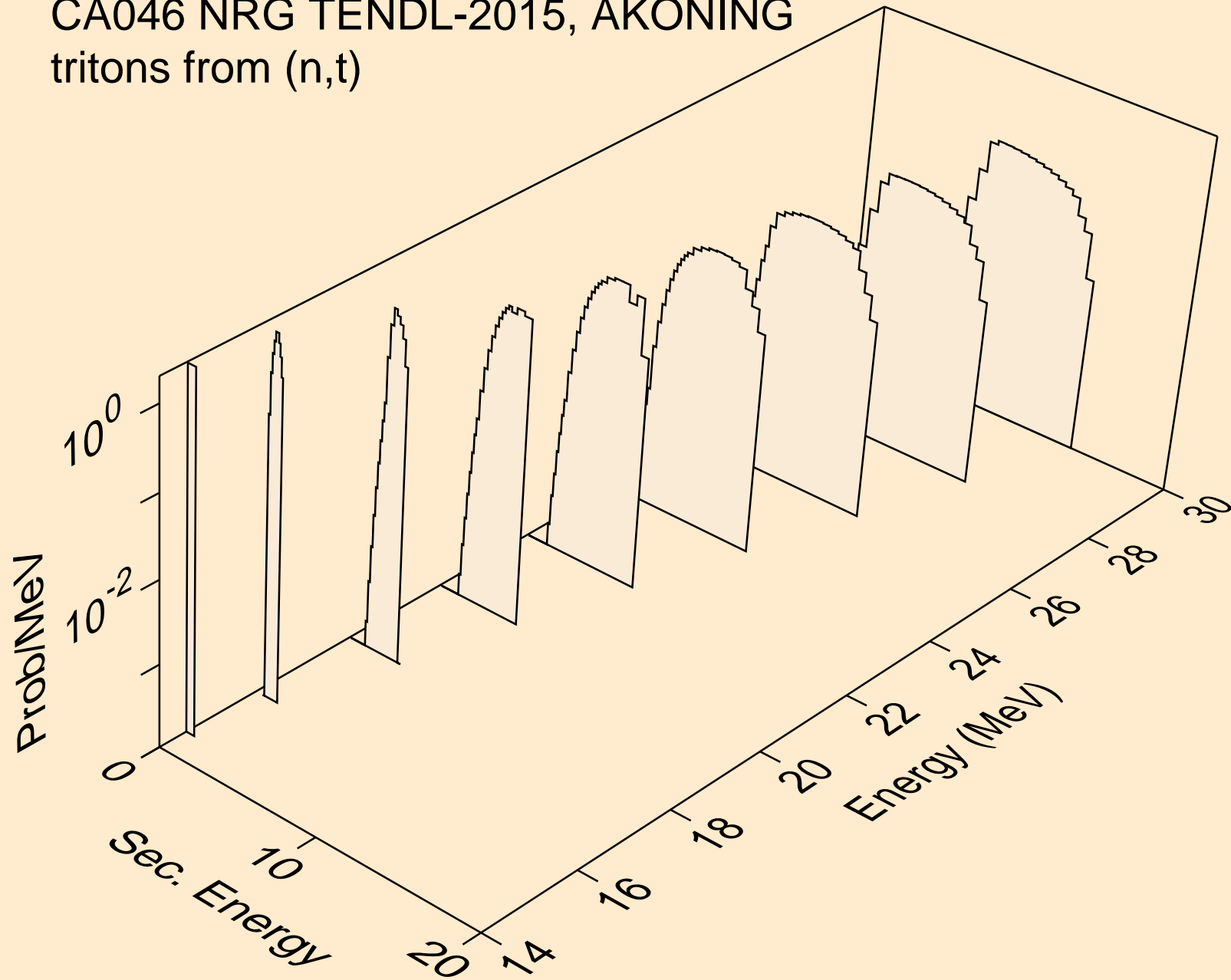
CA046 NRG TENDL-2015, AKONING  
tritons from (n,x)



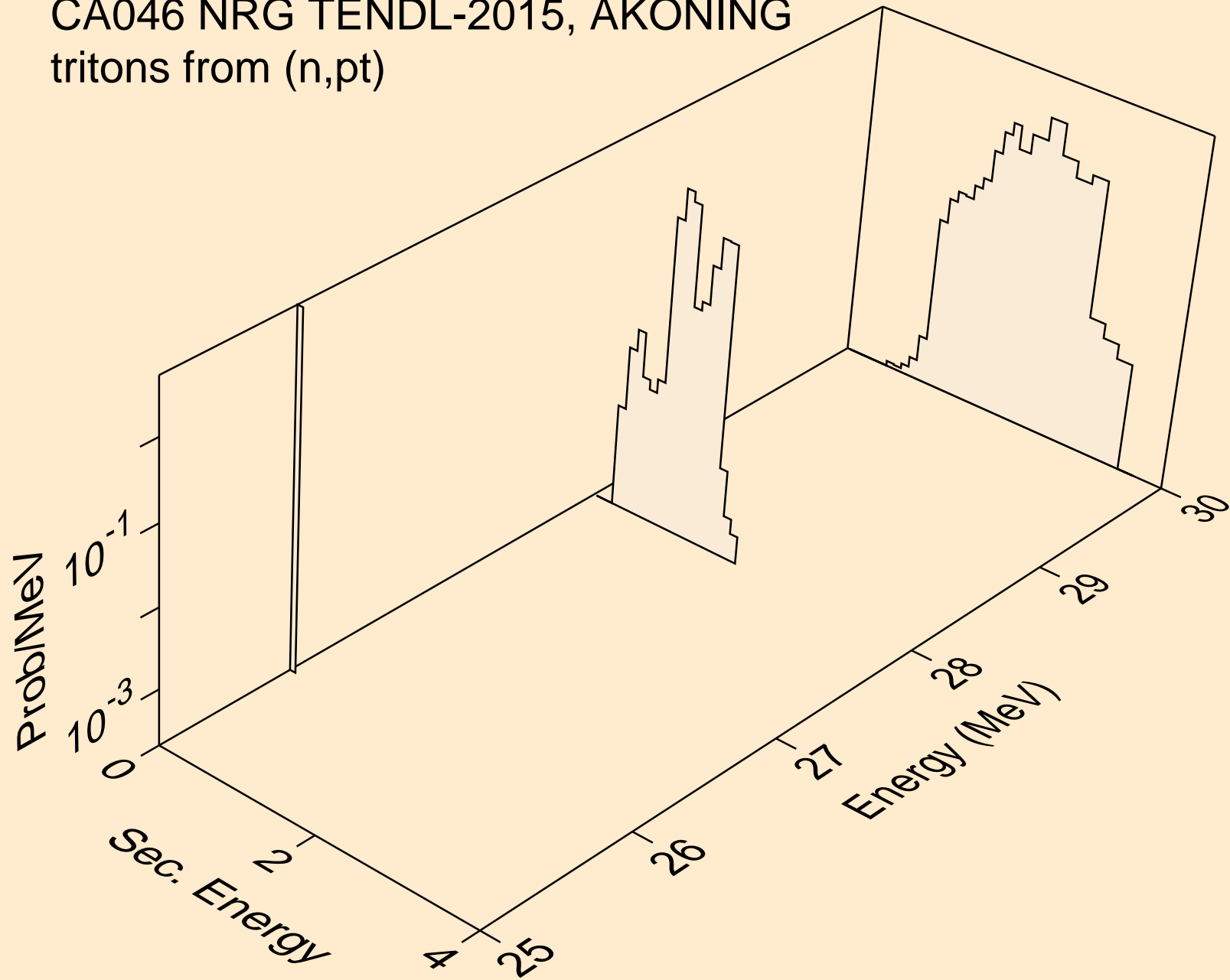
CA046 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



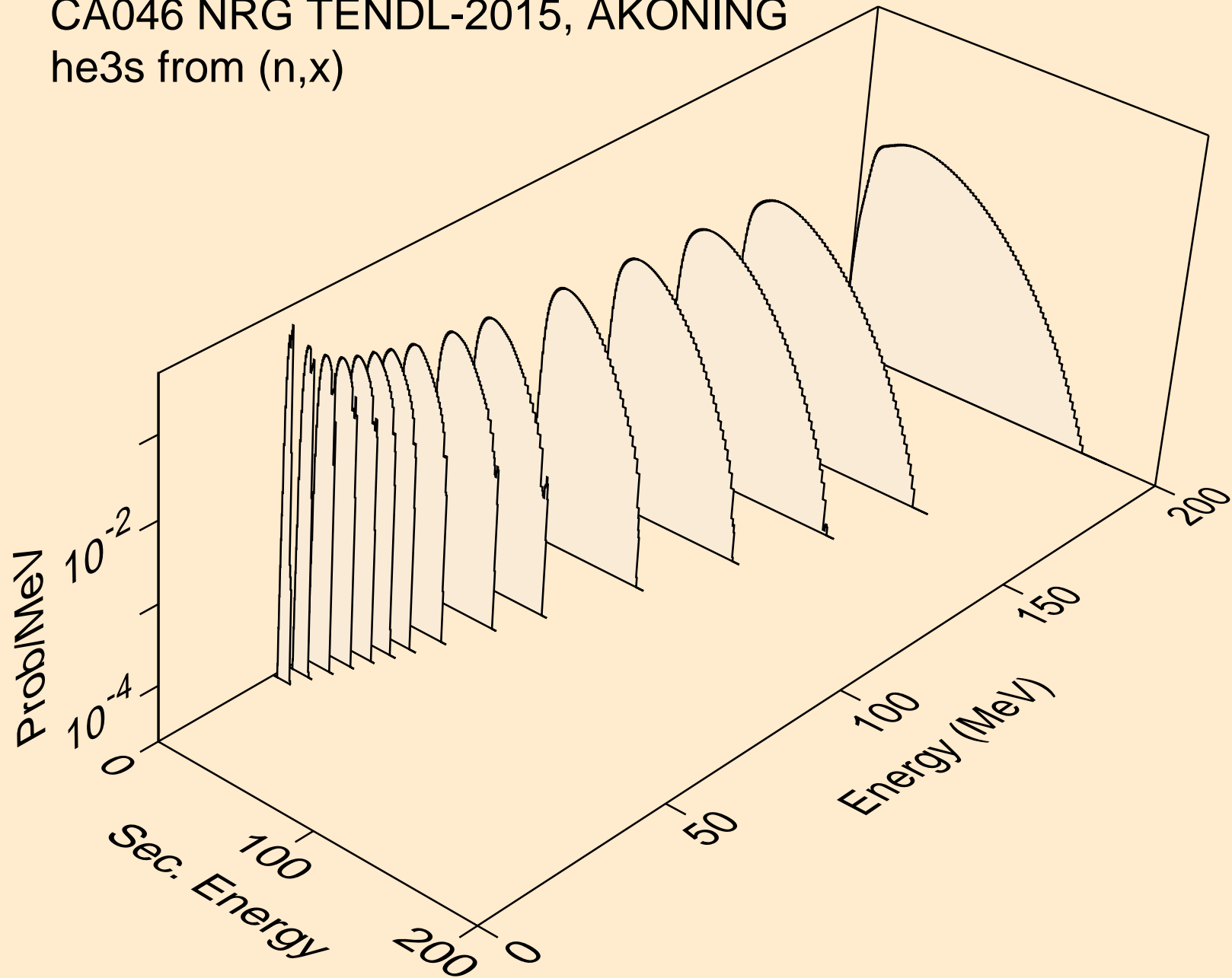
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tritons from (n,t)



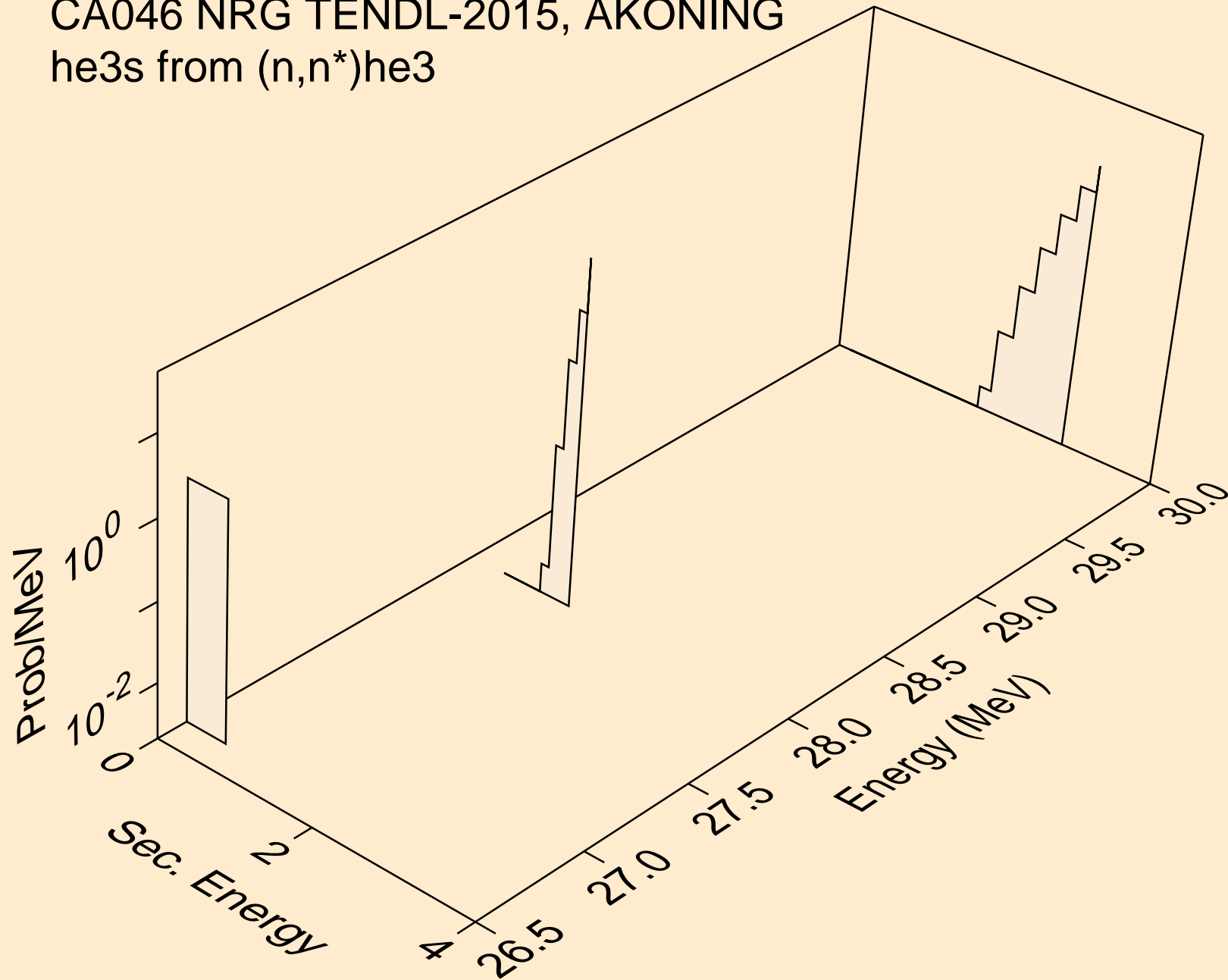
CA046 NRG TENDL-2015, AKONING  
tritons from (n,pt)



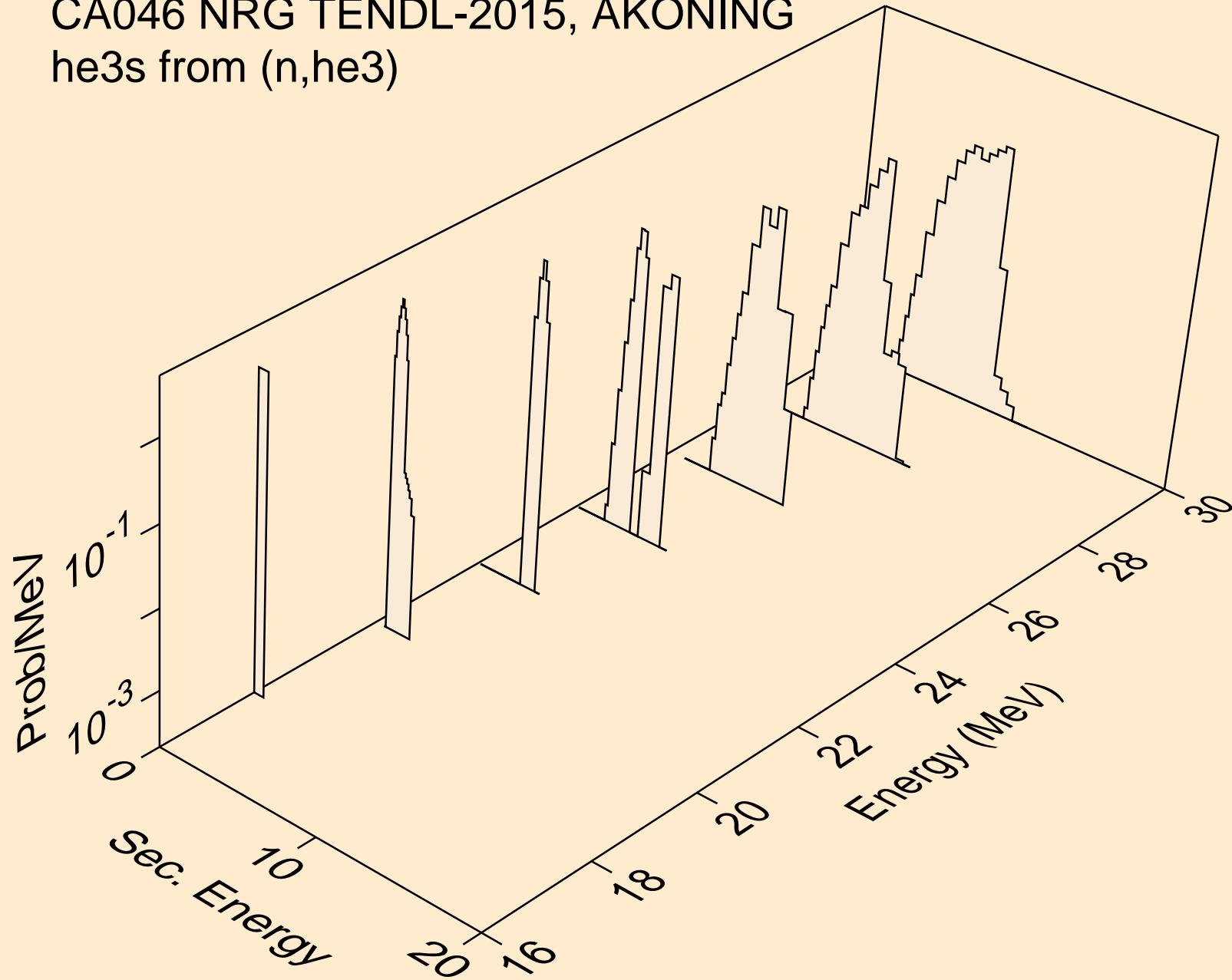
CA046 NRG TENDL-2015, AKONING  
he3s from (n,x)



CA046 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

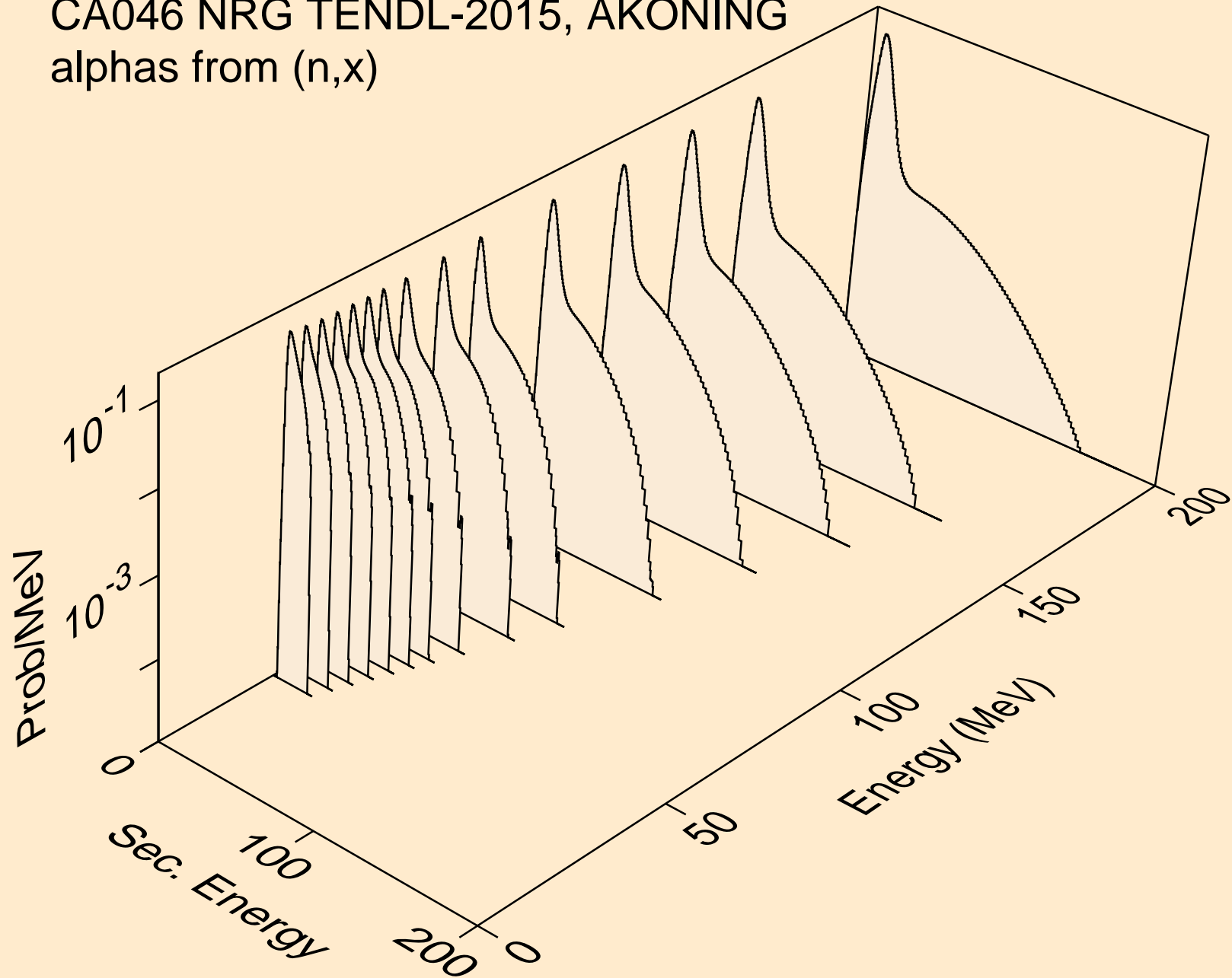


CA046 NRG TENDL-2015, AKONING  
he3s from (n,he3)

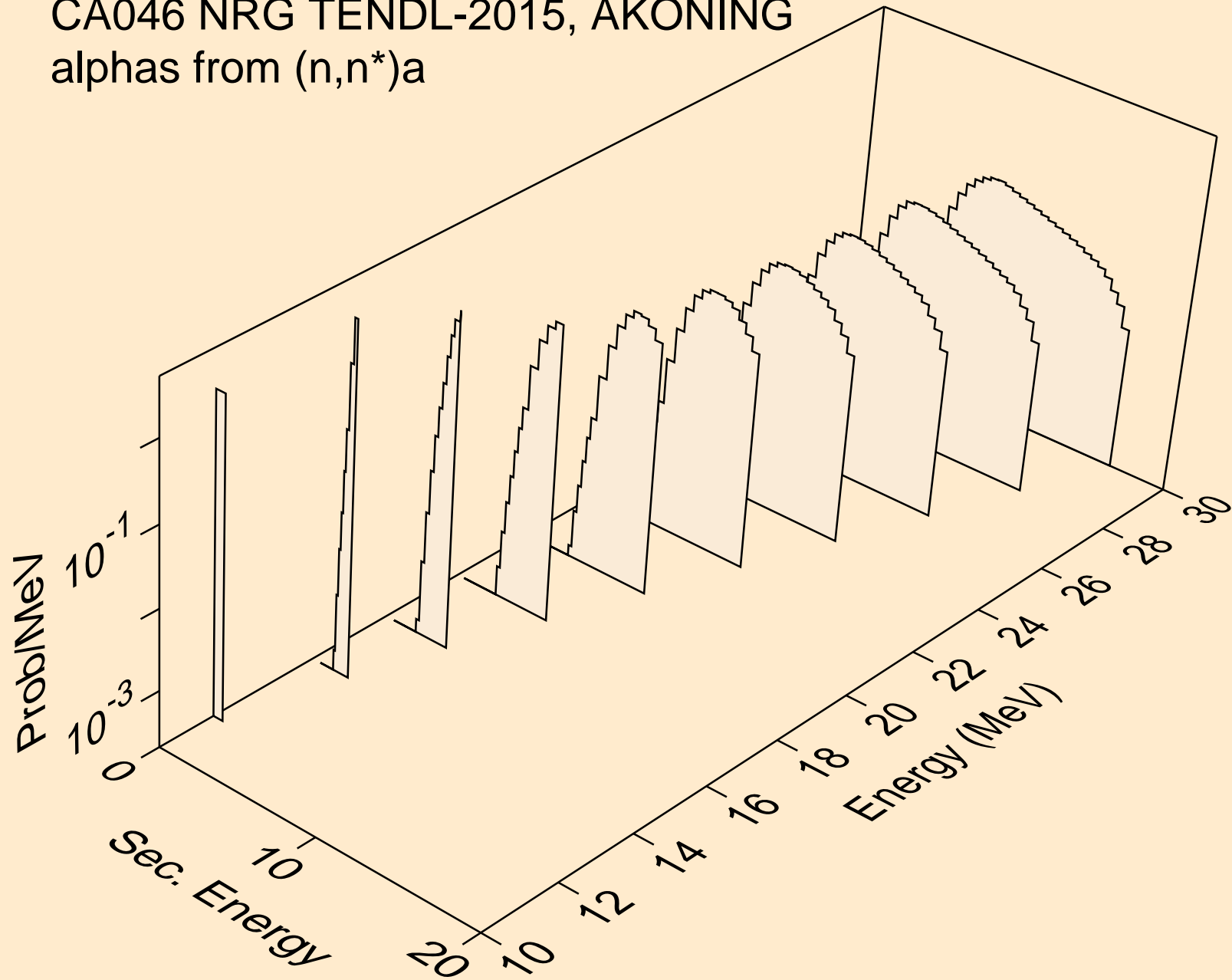




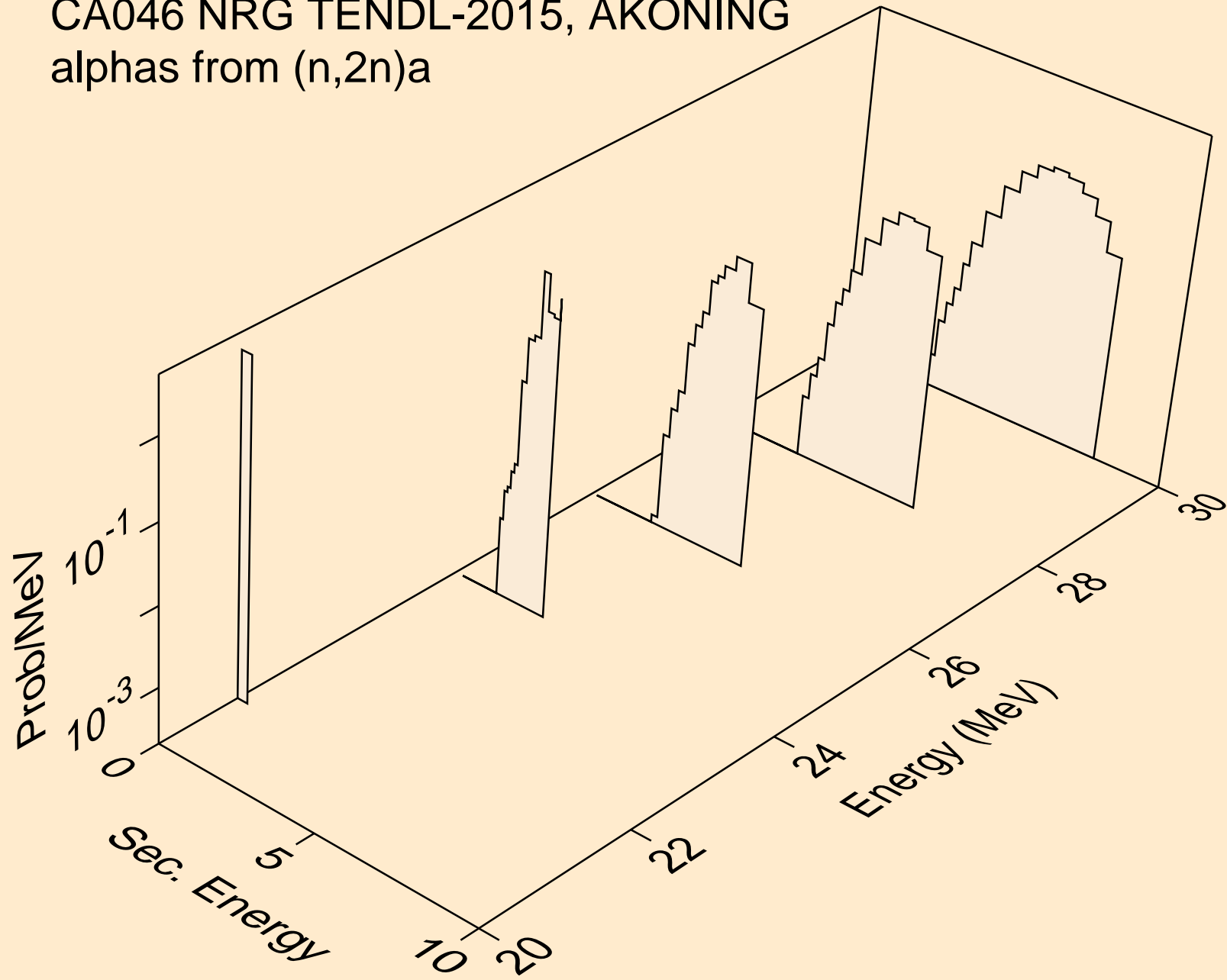
CA046 NRG TENDL-2015, AKONING  
alphas from (n,x)



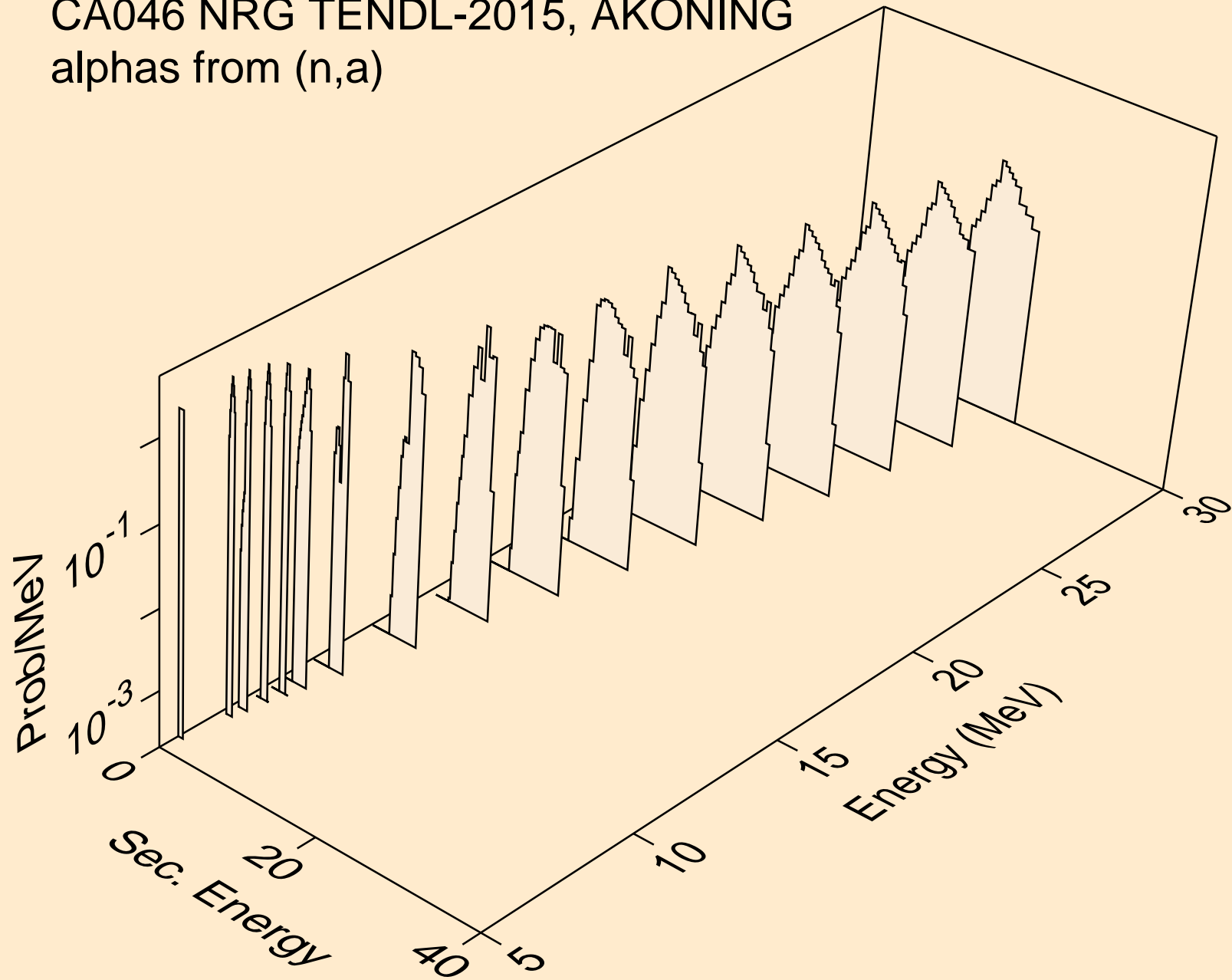
CA046 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



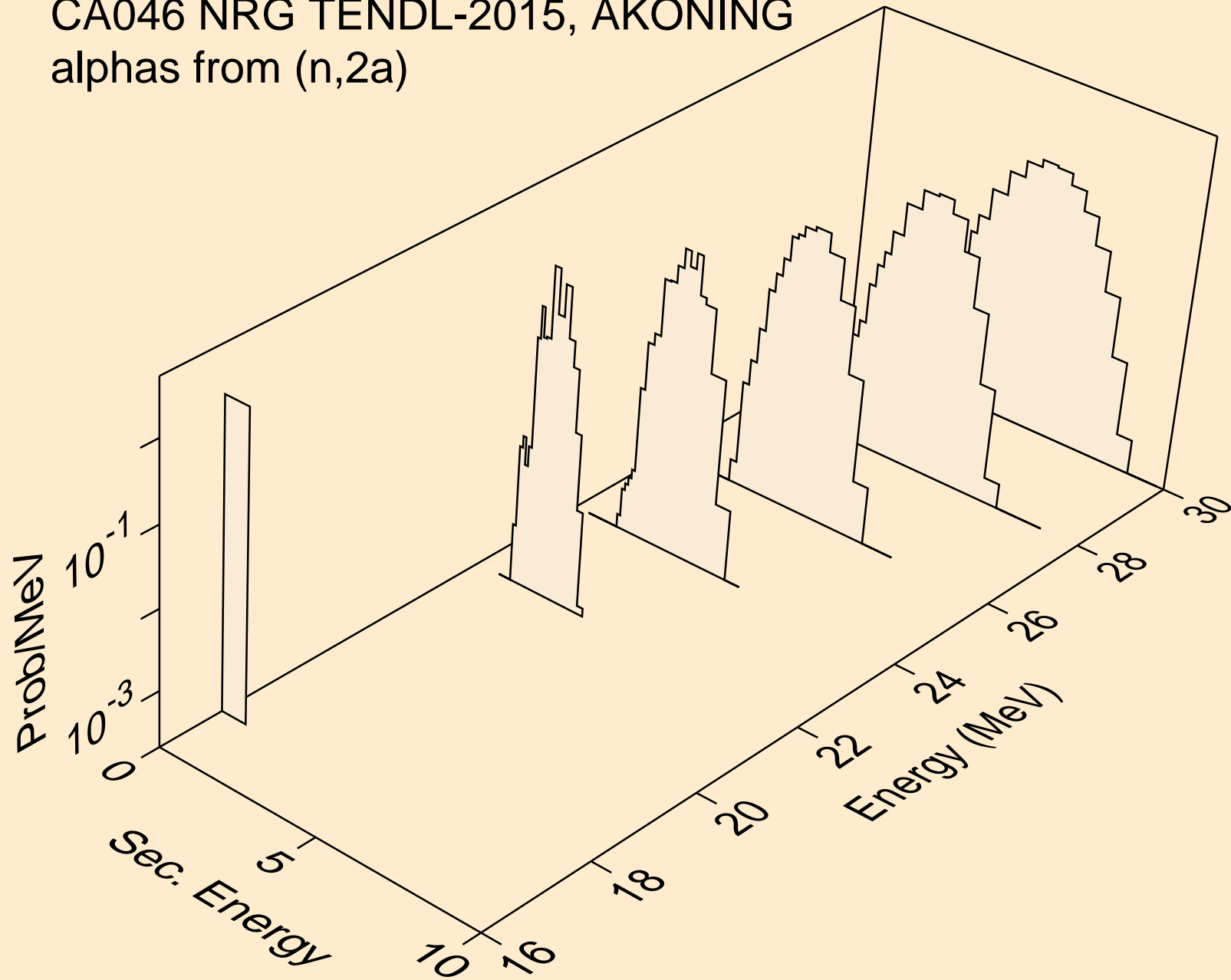
CA046 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



CA046 NRG TENDL-2015, AKONING  
alphas from (n,a)



CA046 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CA046 NRG TENDL-2015, AKONING  
alphas from (n,pa)

