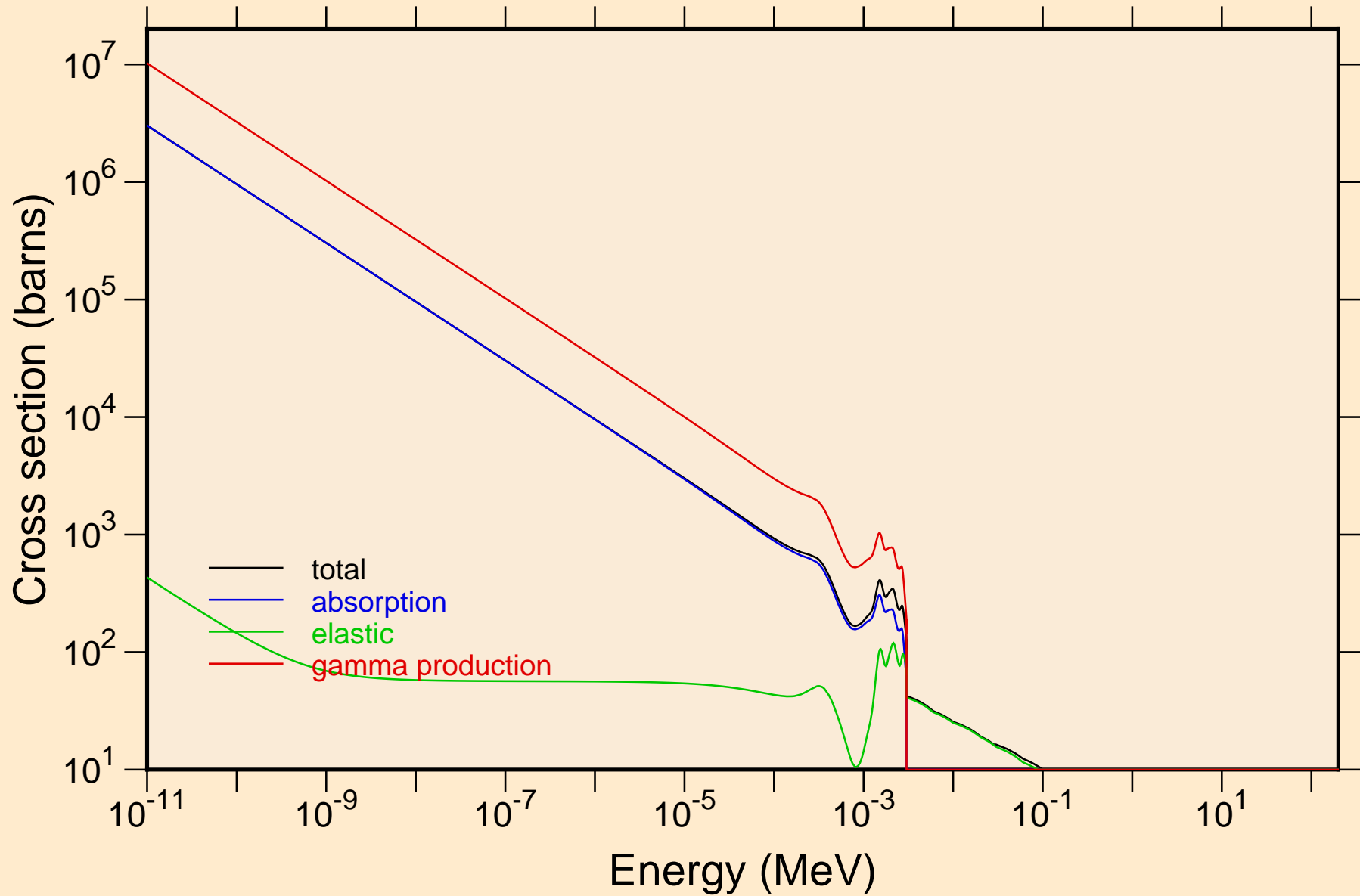
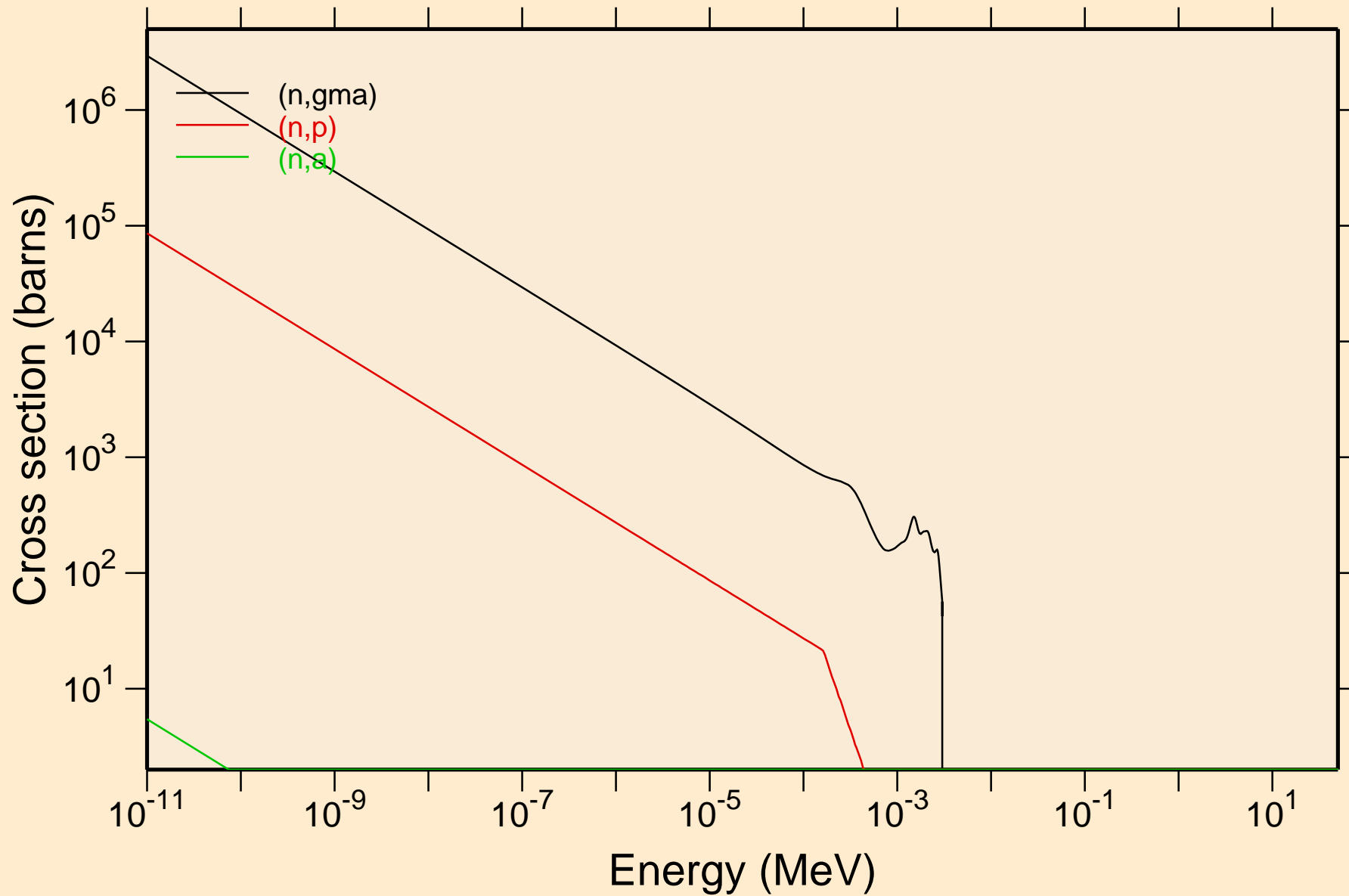


# CO058M NRG TENDL-2015, AKONING

## Principal cross sections

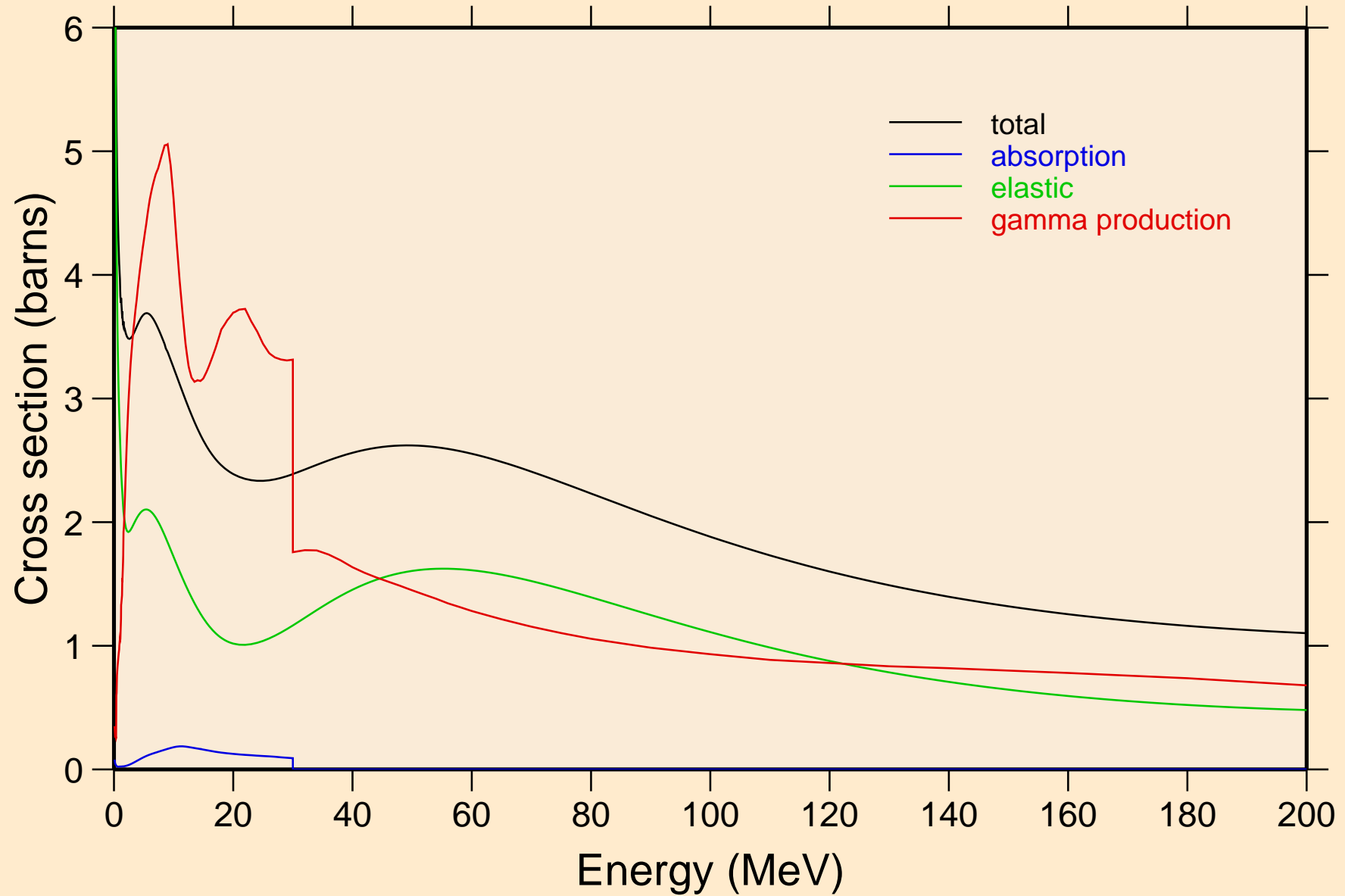


CO058M NRG TENDL-2015, AKONING  
Non-threshold reactions

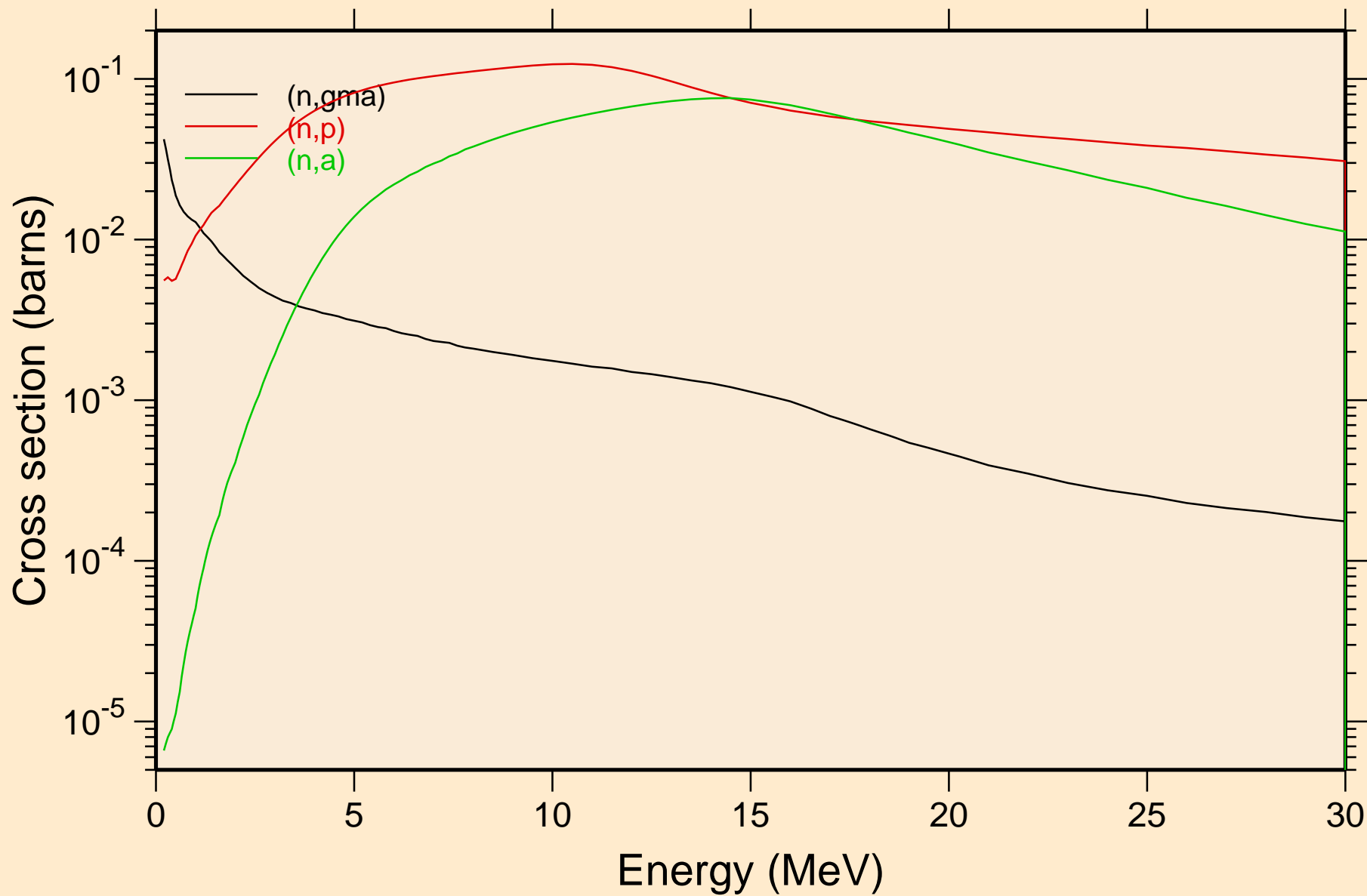


# CO058M NRG TENDL-2015, AKONING

## Principal cross sections

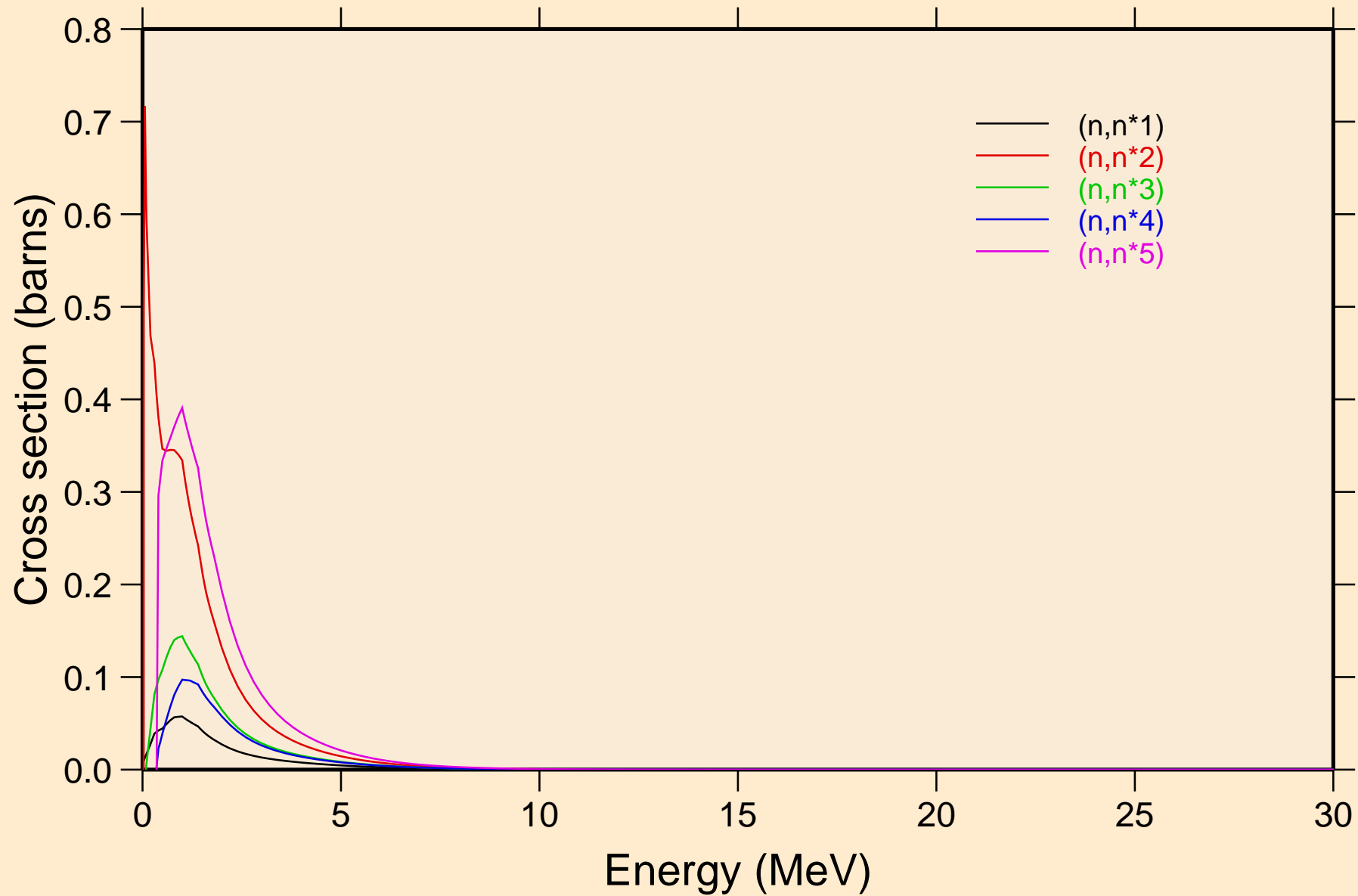


CO058M NRG TENDL-2015, AKONING  
Non-threshold reactions



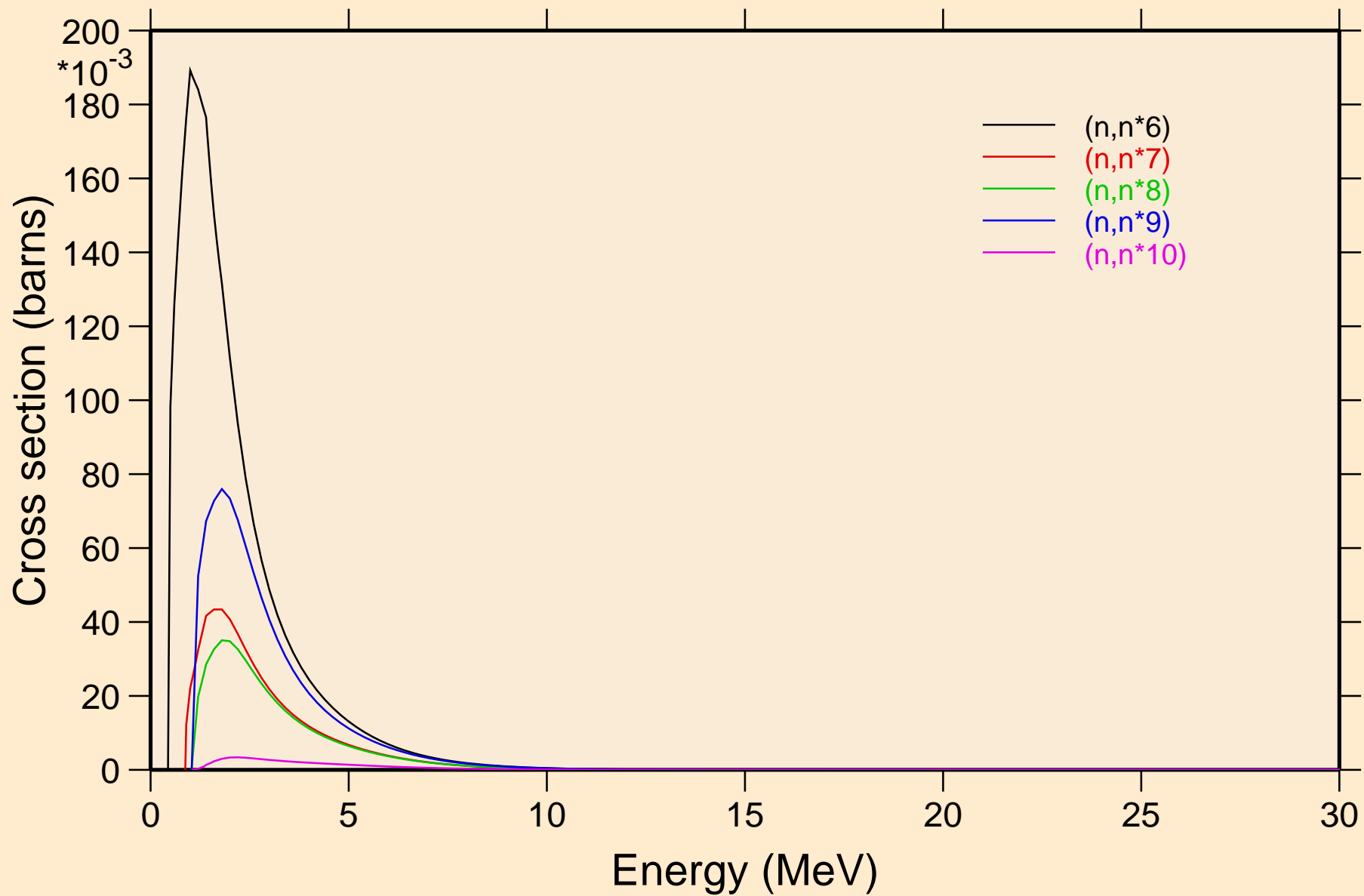
# CO058M NRG TENDL-2015, AKONING

## Inelastic levels



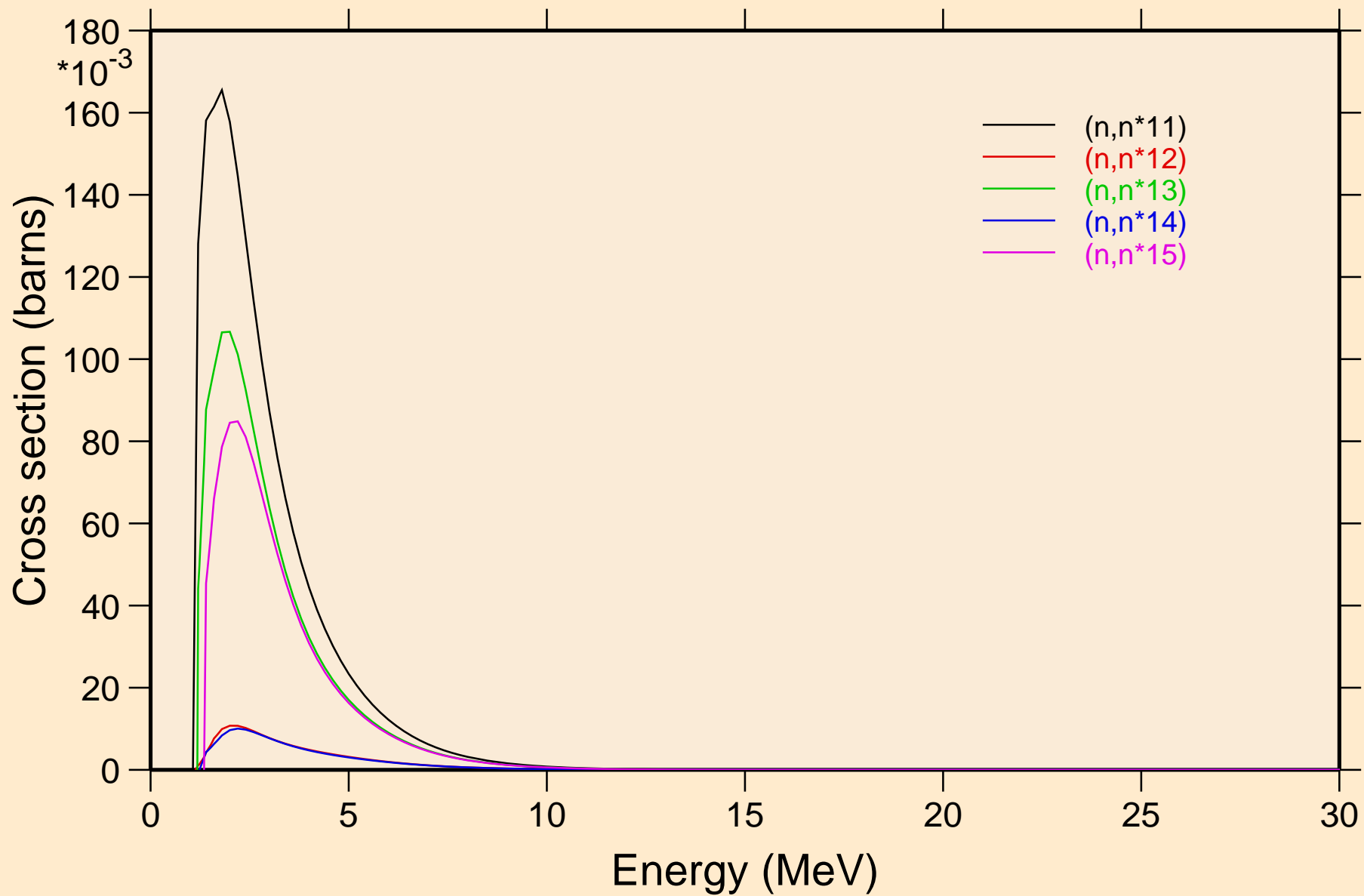
# CO058M NRG TENDL-2015, AKONING

## Inelastic levels



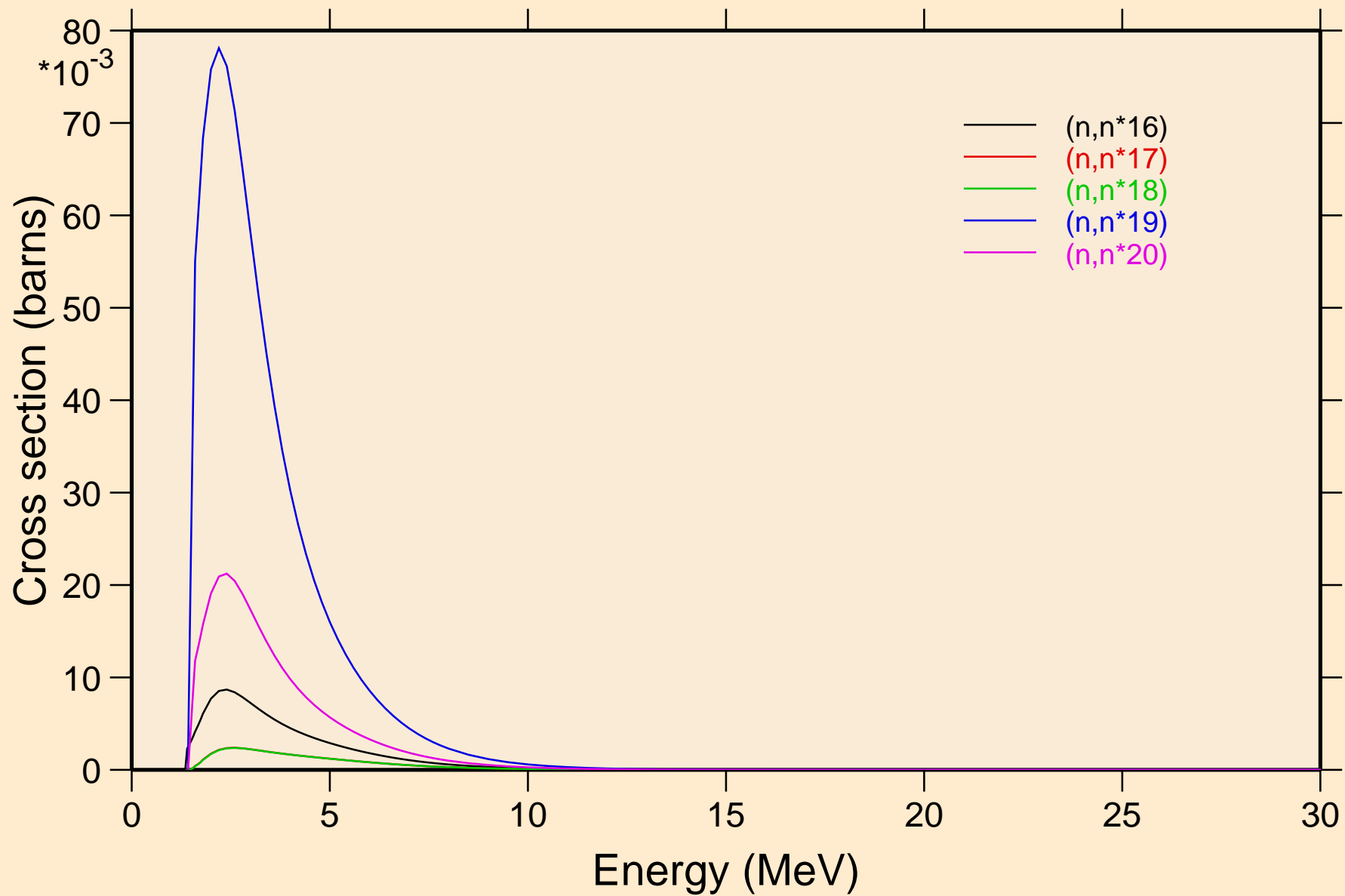
# CO058M NRG TENDL-2015, AKONING

## Inelastic levels



# CO058M NRG TENDL-2015, AKONING

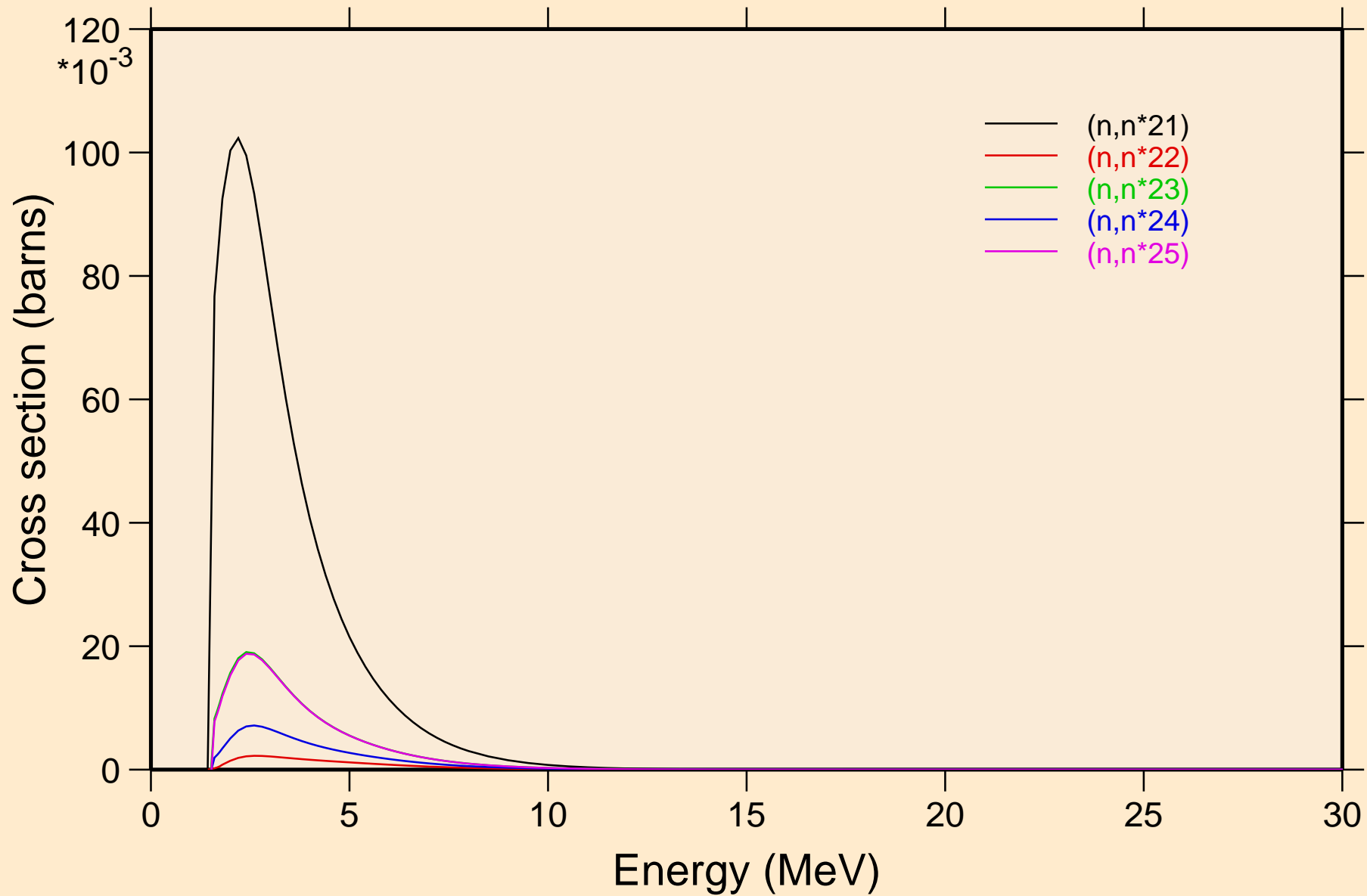
## Inelastic levels





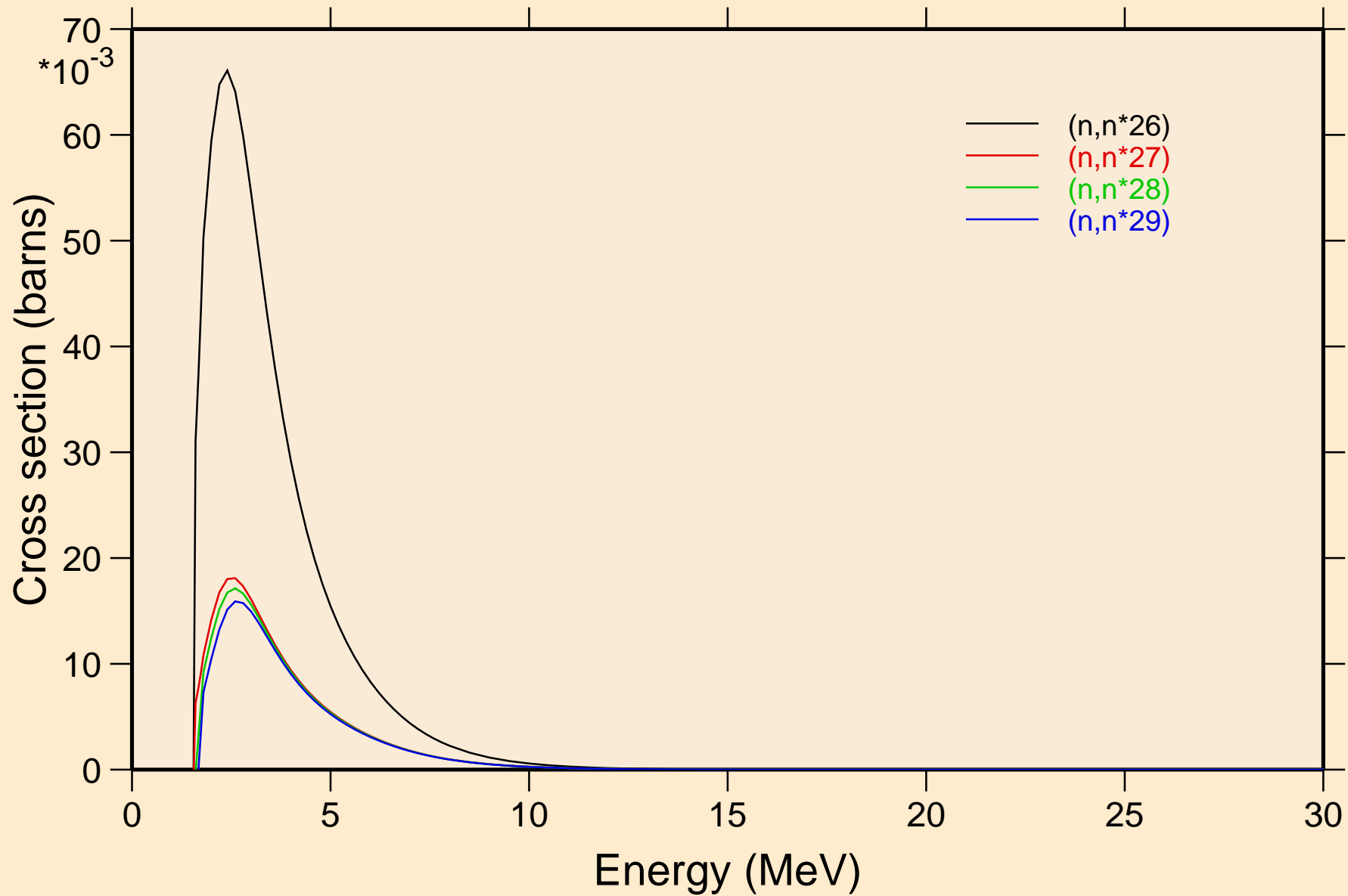
# CO058M NRG TENDL-2015, AKONING

## Inelastic levels



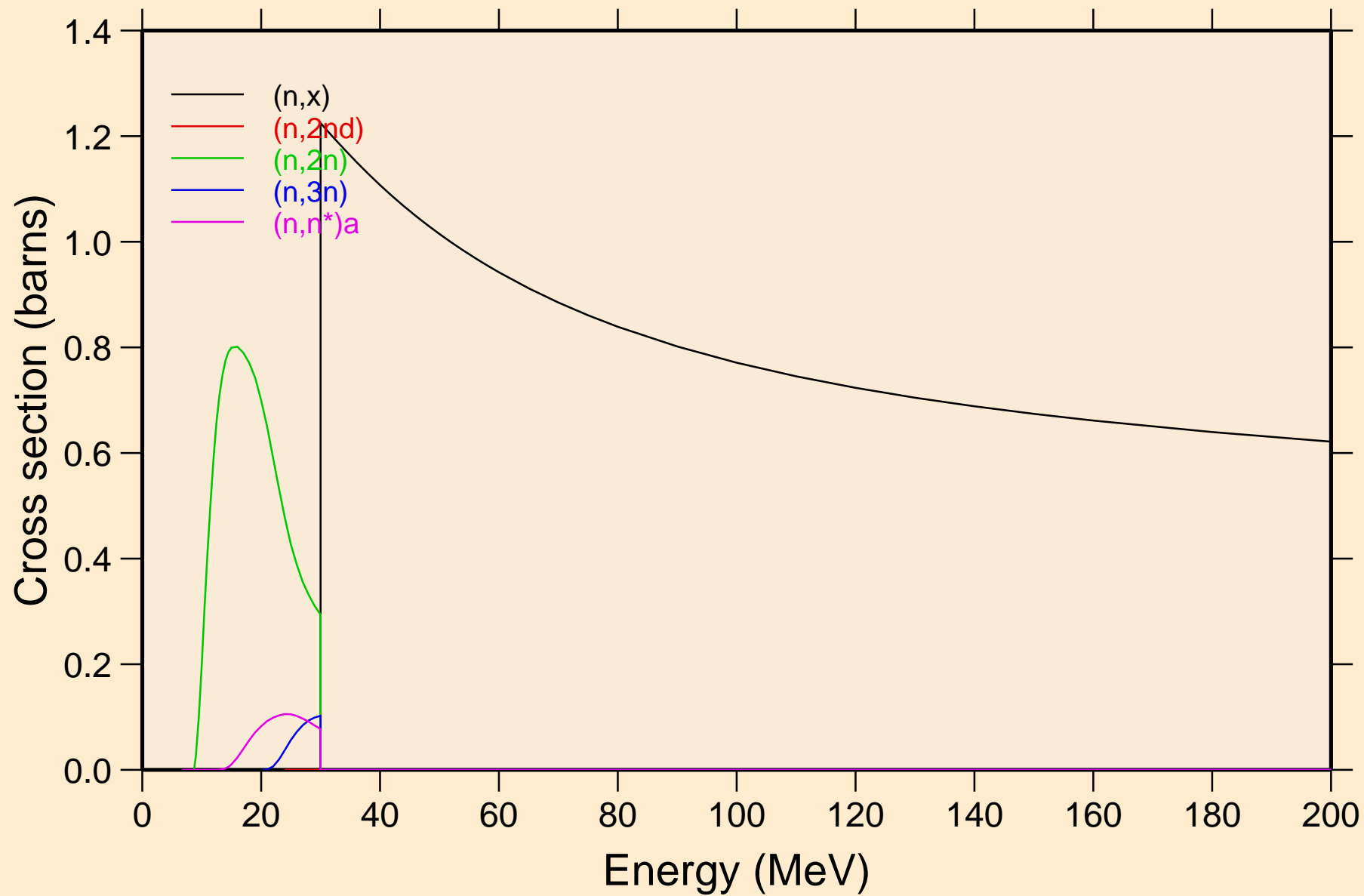
# CO058M NRG TENDL-2015, AKONING

## Inelastic levels



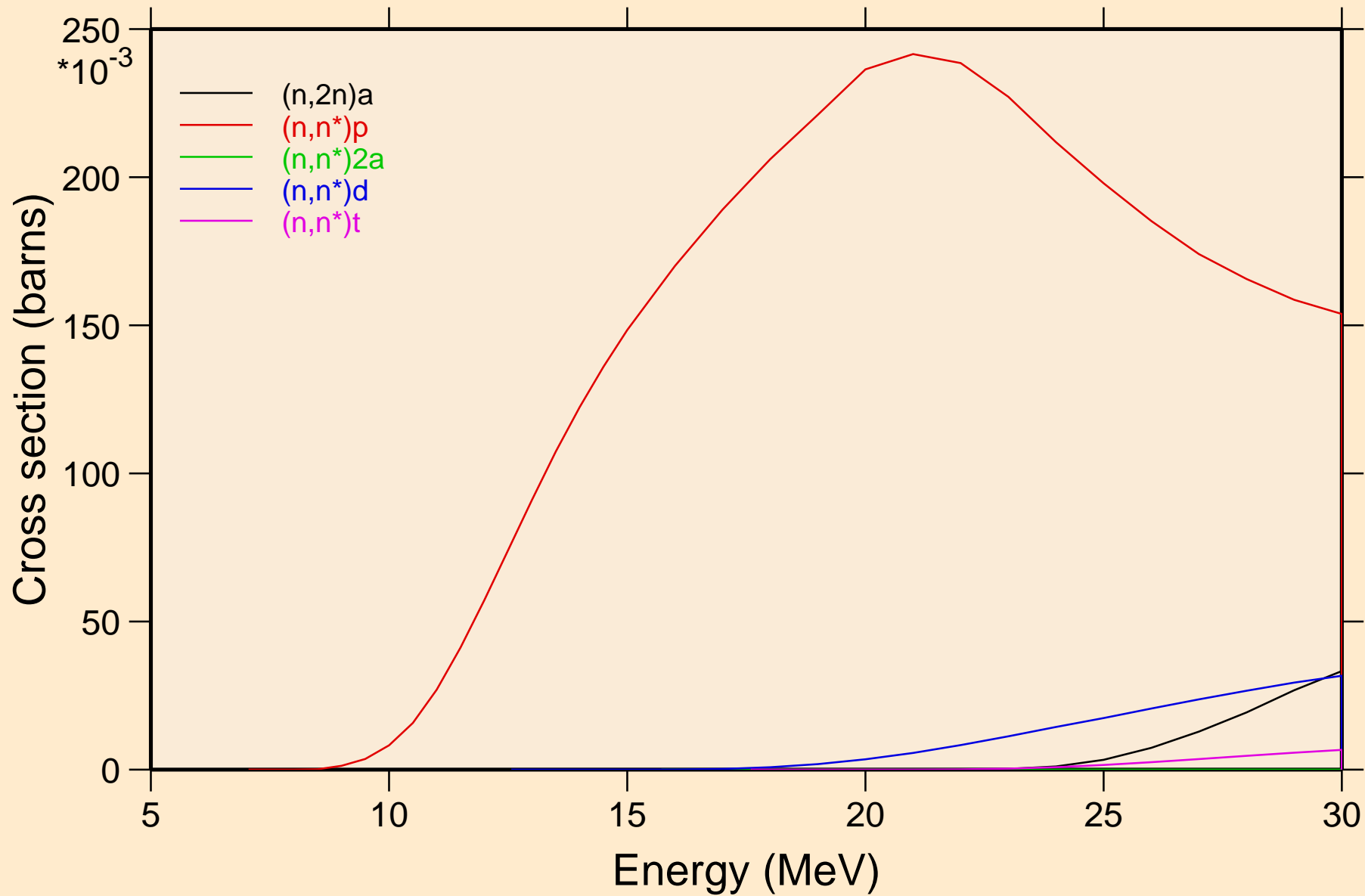
# CO058M NRG TENDL-2015, AKONING

## Threshold reactions



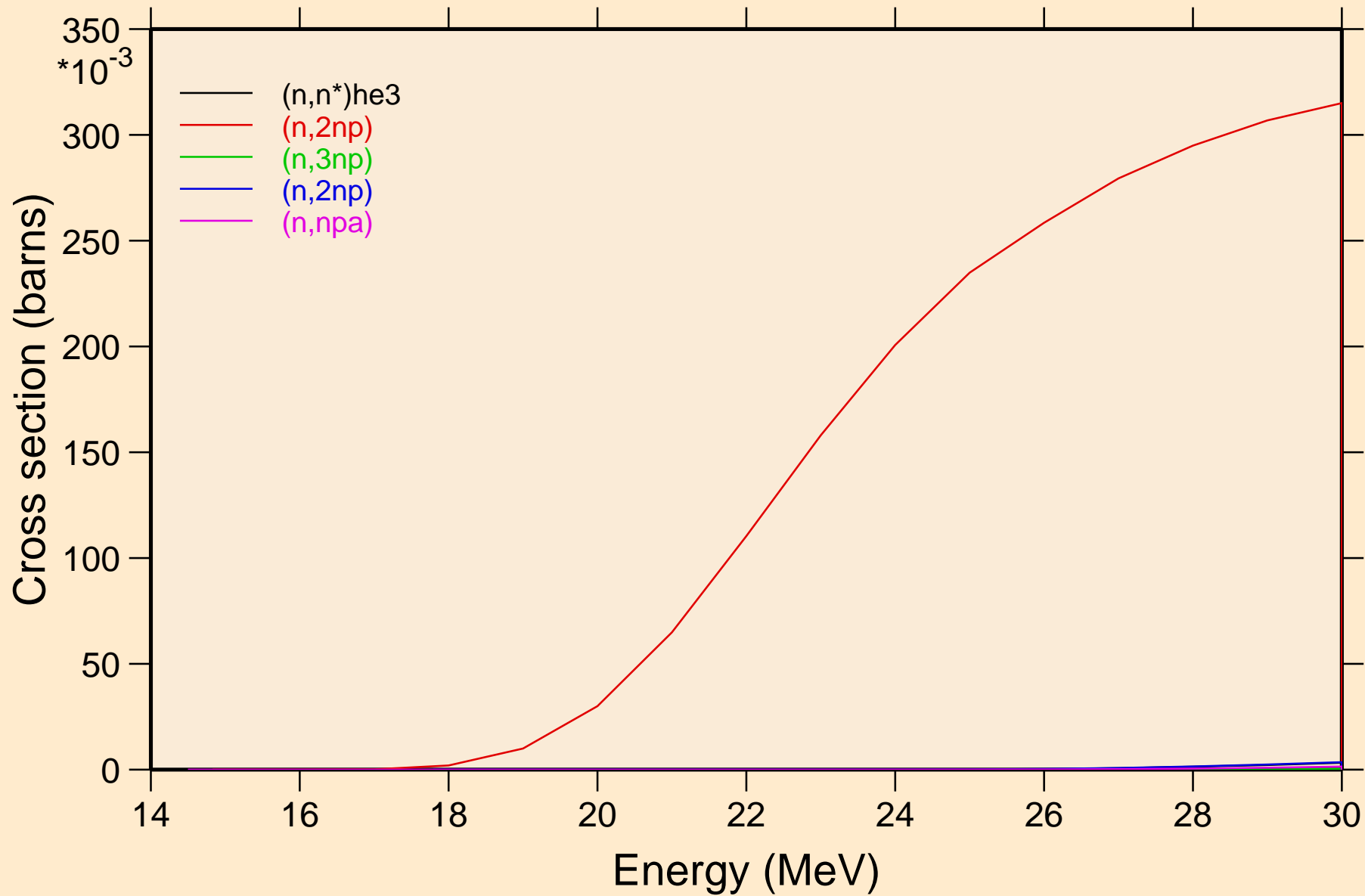
# CO058M NRG TENDL-2015, AKONING

## Threshold reactions



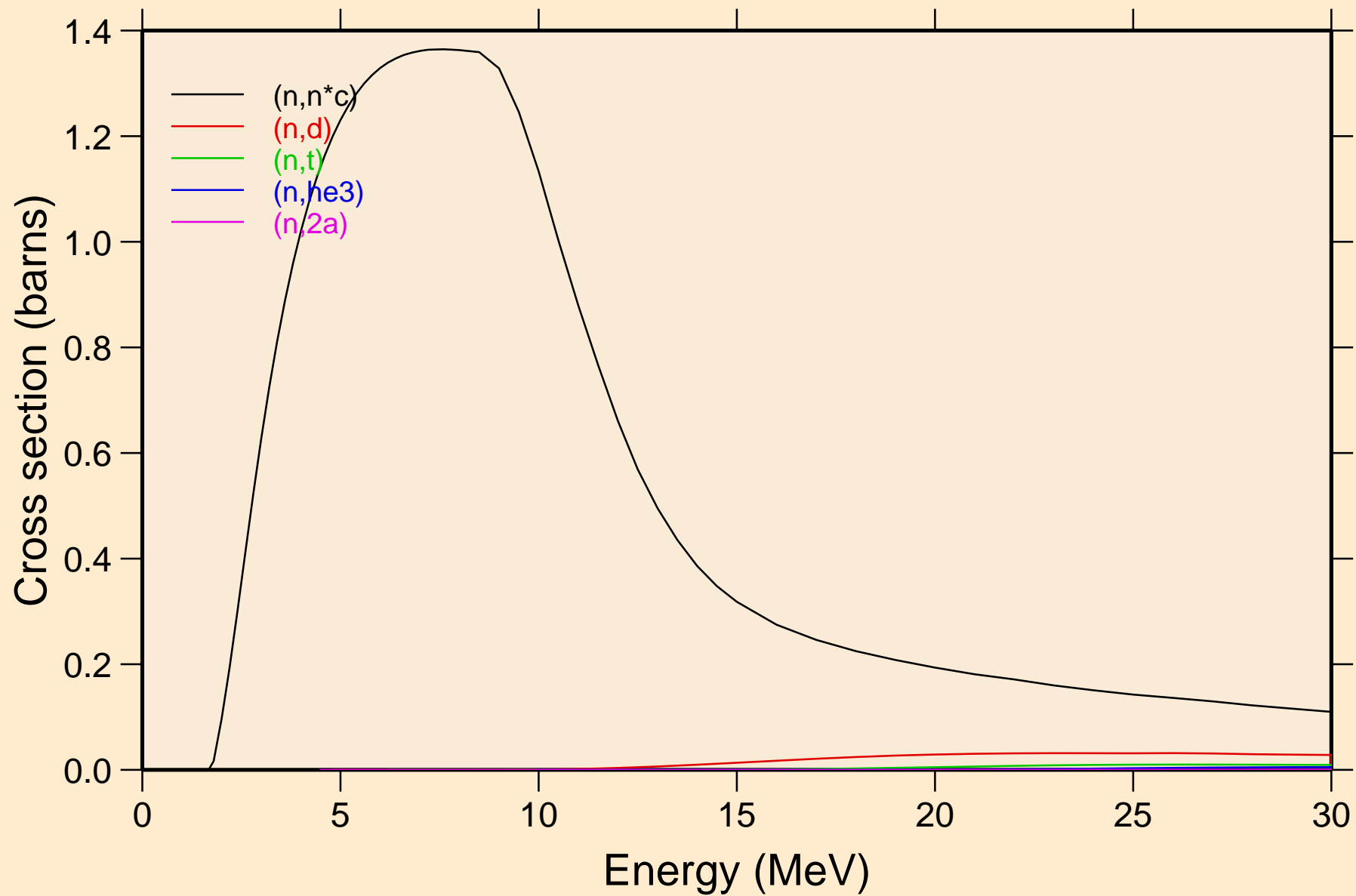
# CO058M NRG TENDL-2015, AKONING

## Threshold reactions



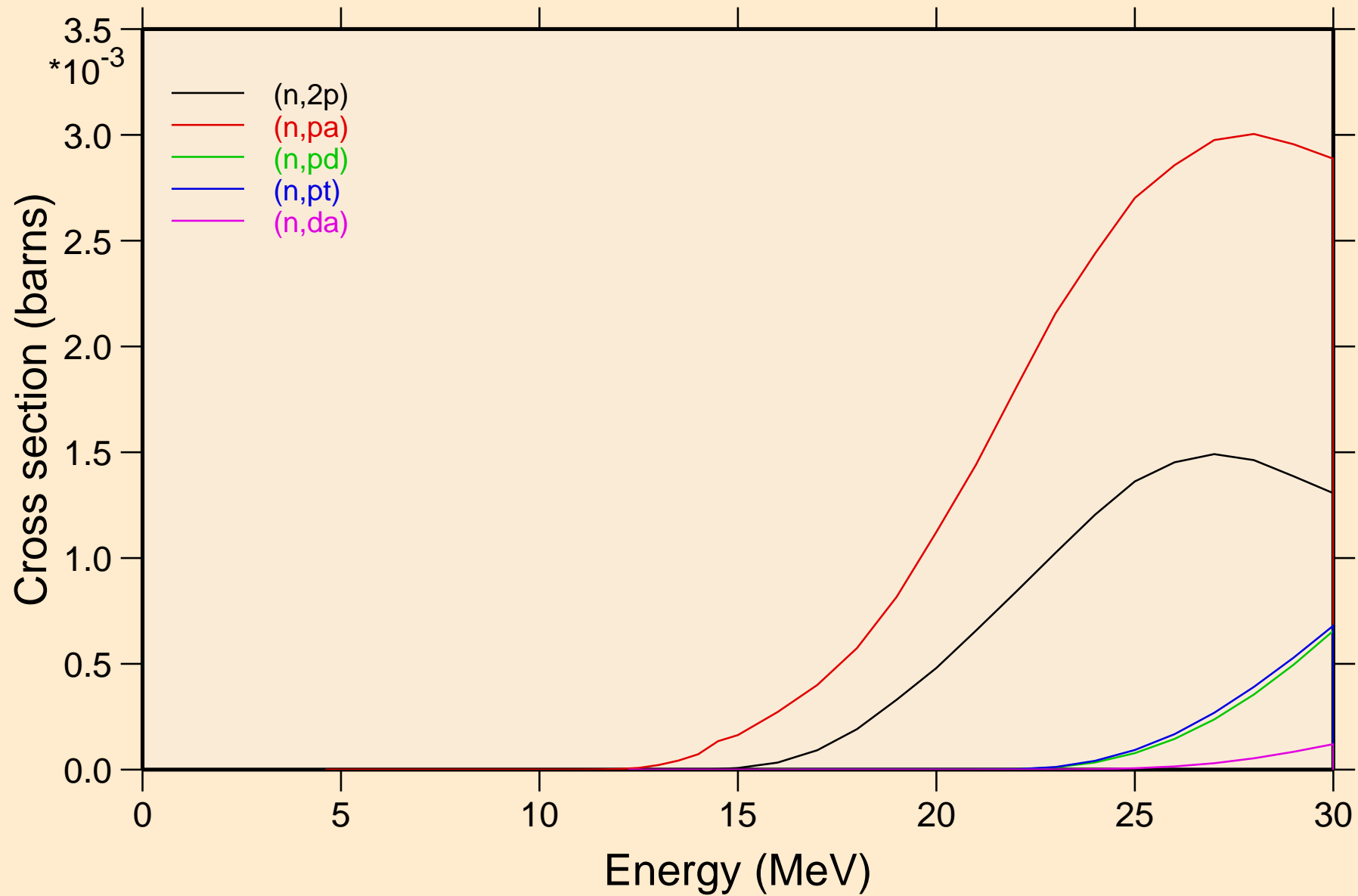
# CO058M NRG TENDL-2015, AKONING

## Threshold reactions

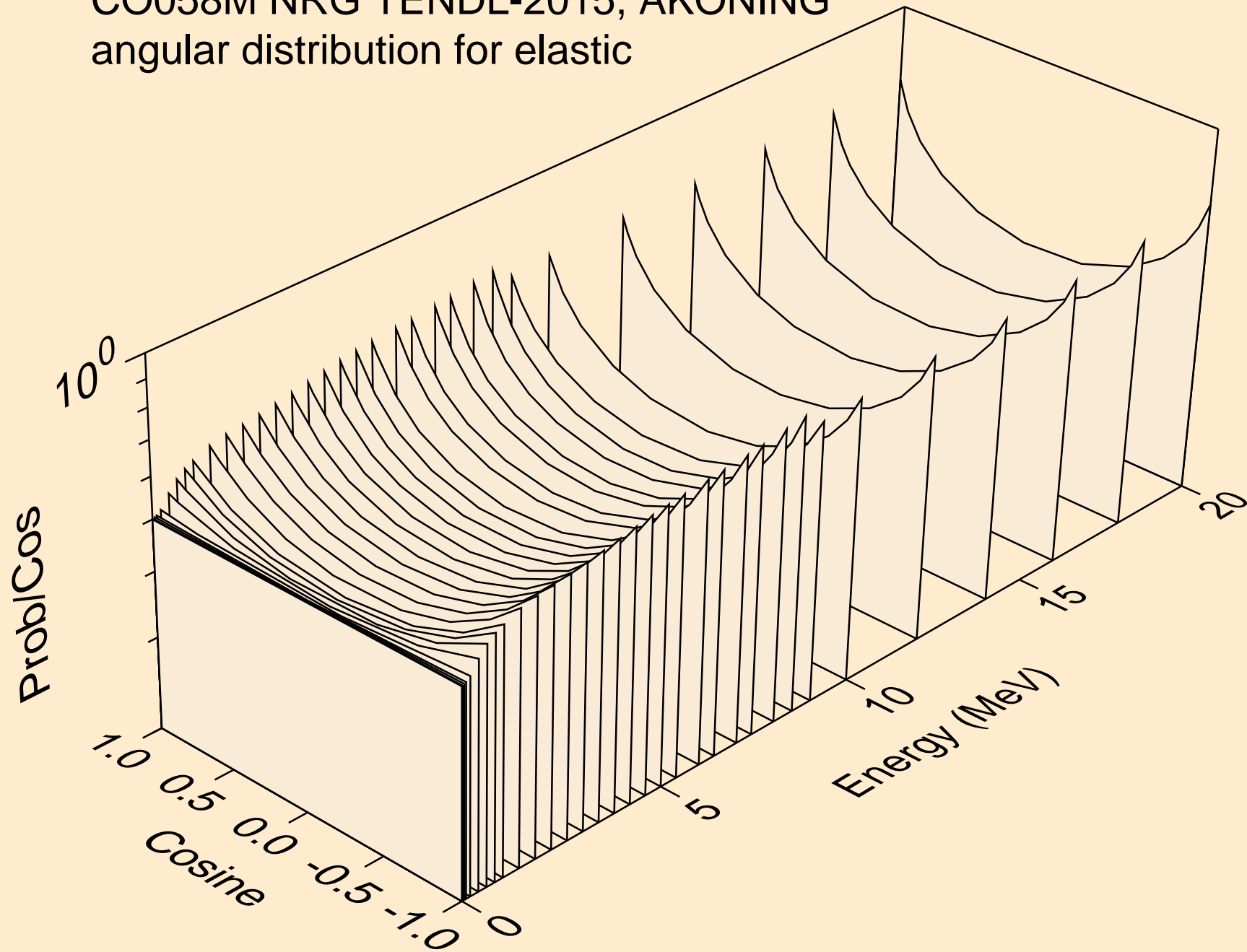


# CO058M NRG TENDL-2015, AKONING

## Threshold reactions

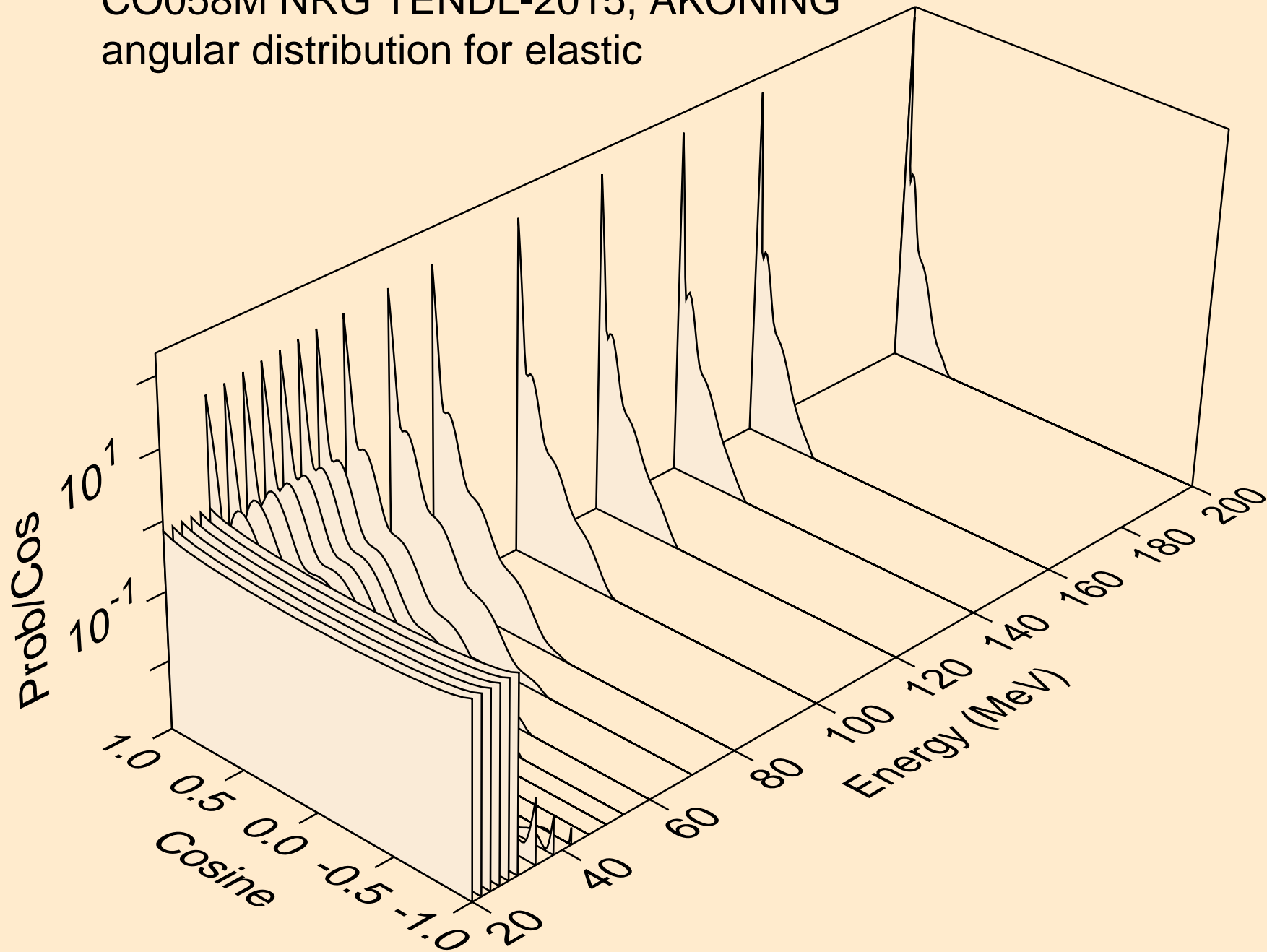


CO058M NRG TENDL-2015, AKONING  
angular distribution for elastic

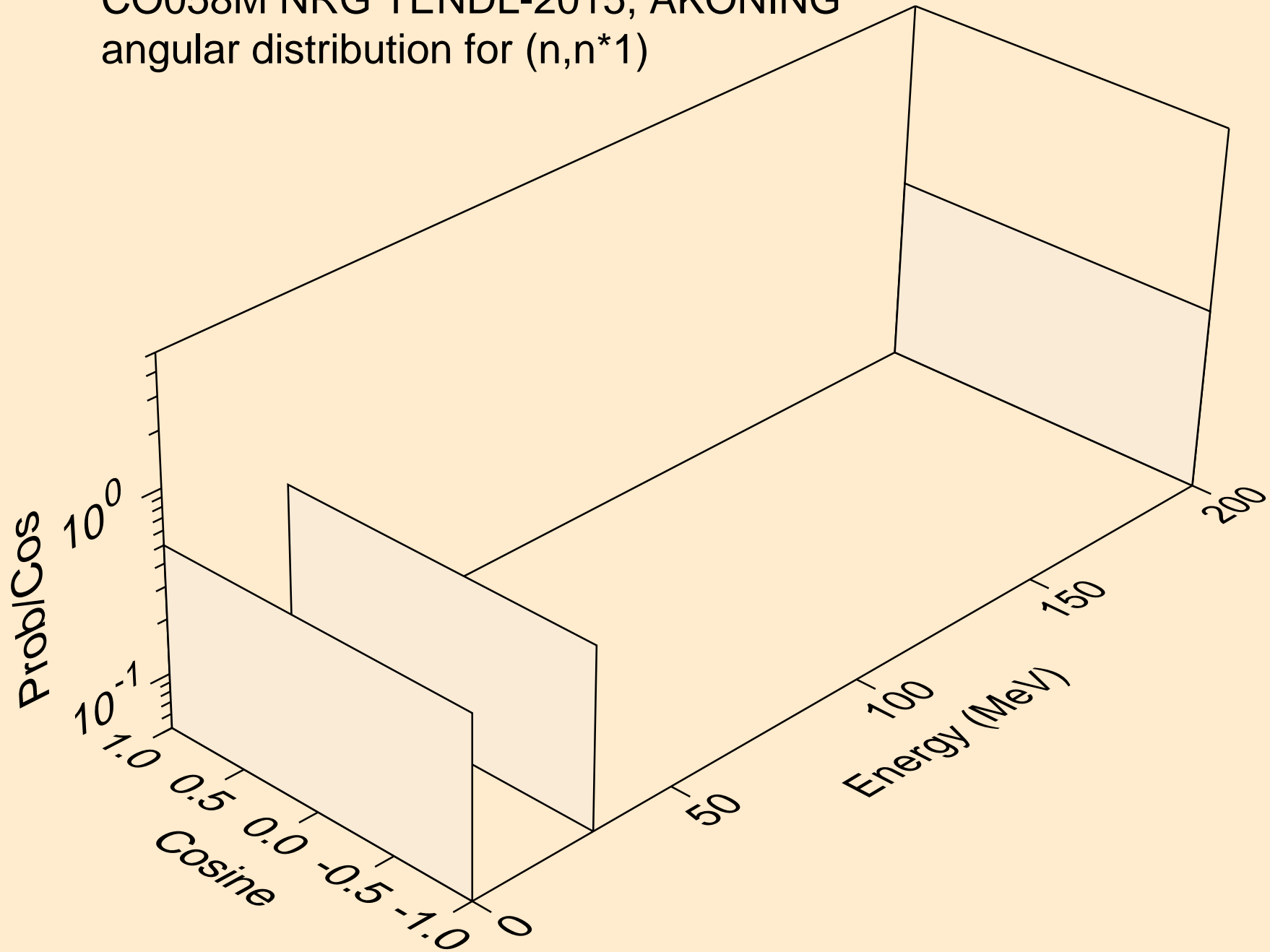




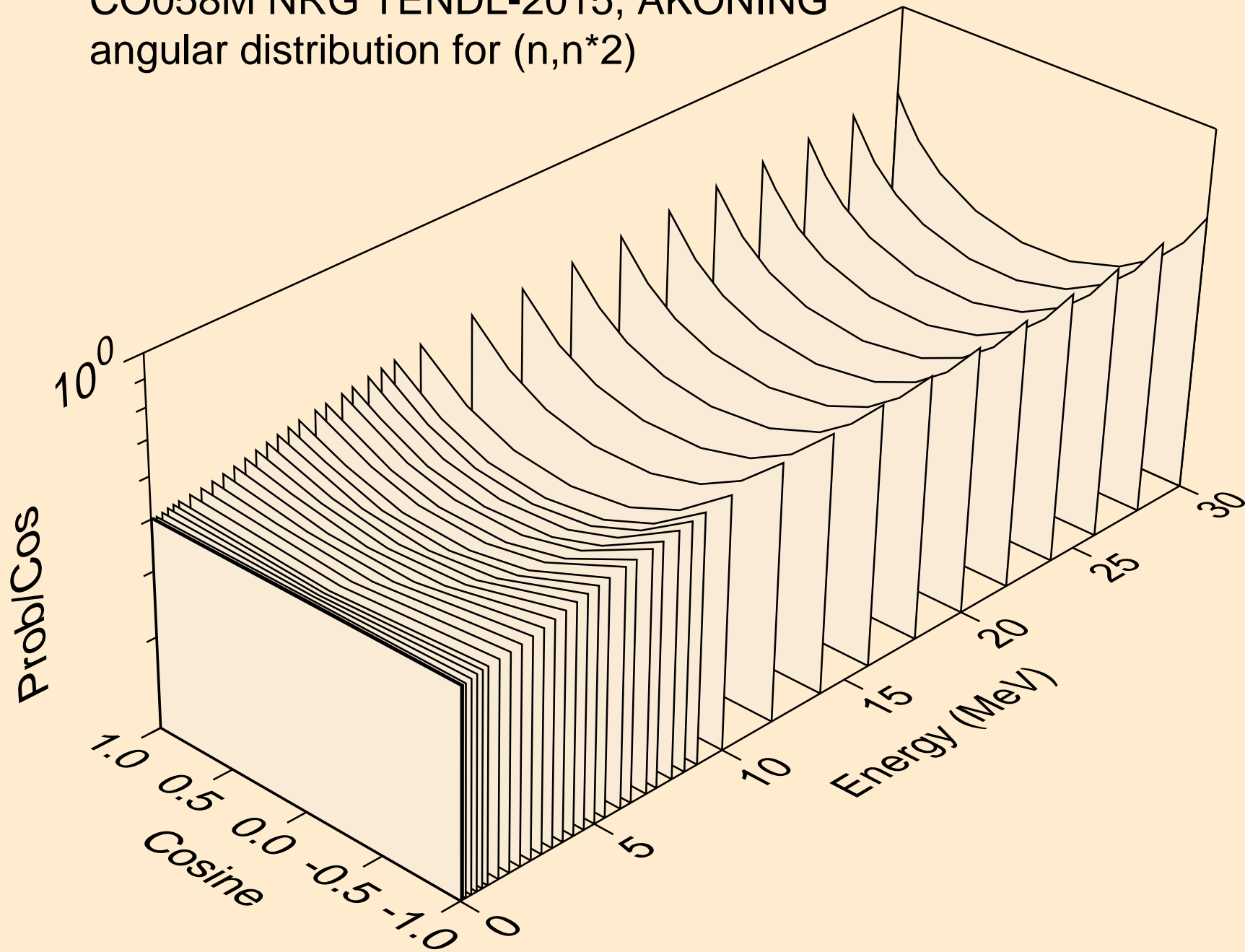
CO058M NRG TENDL-2015, AKONING  
angular distribution for elastic



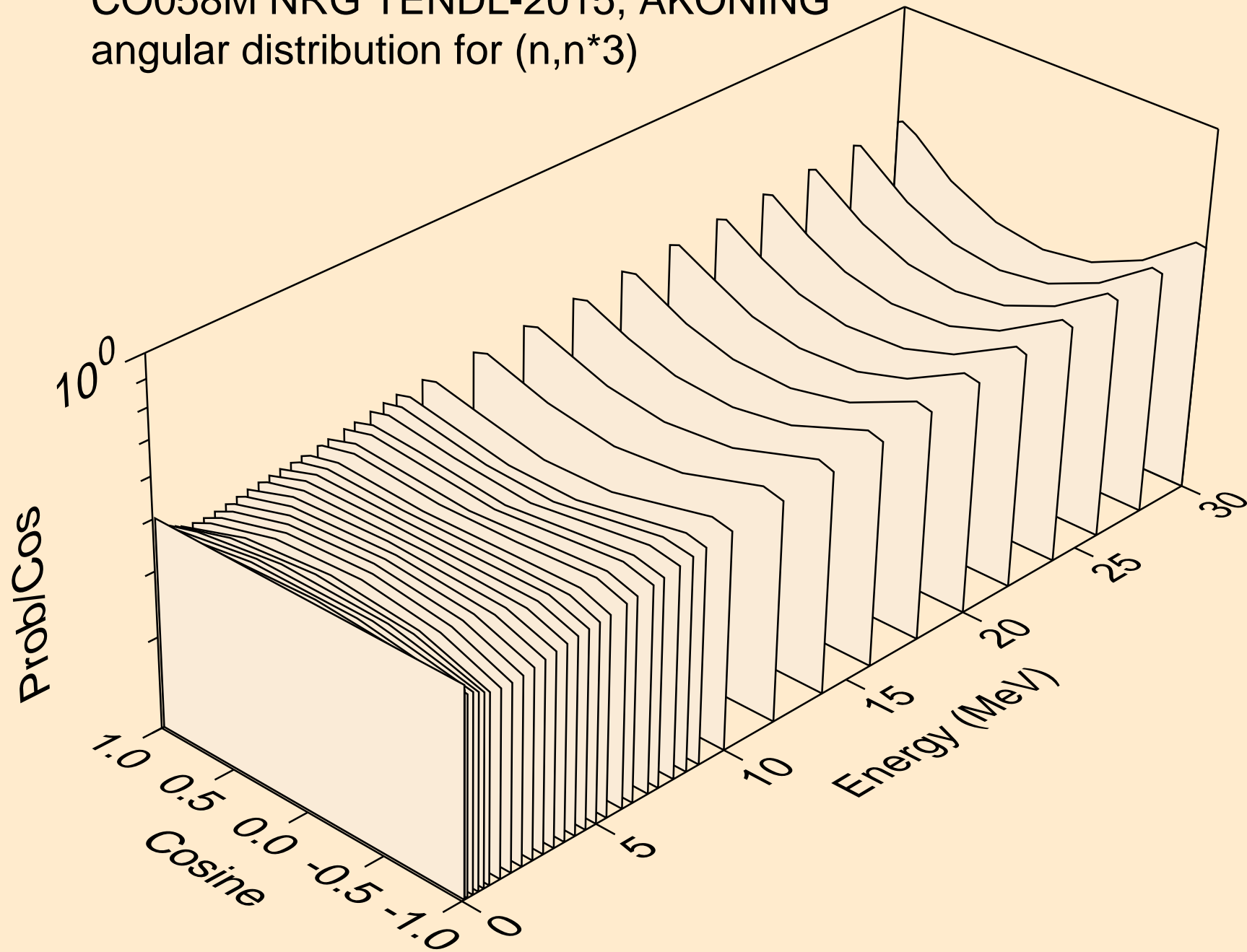
CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



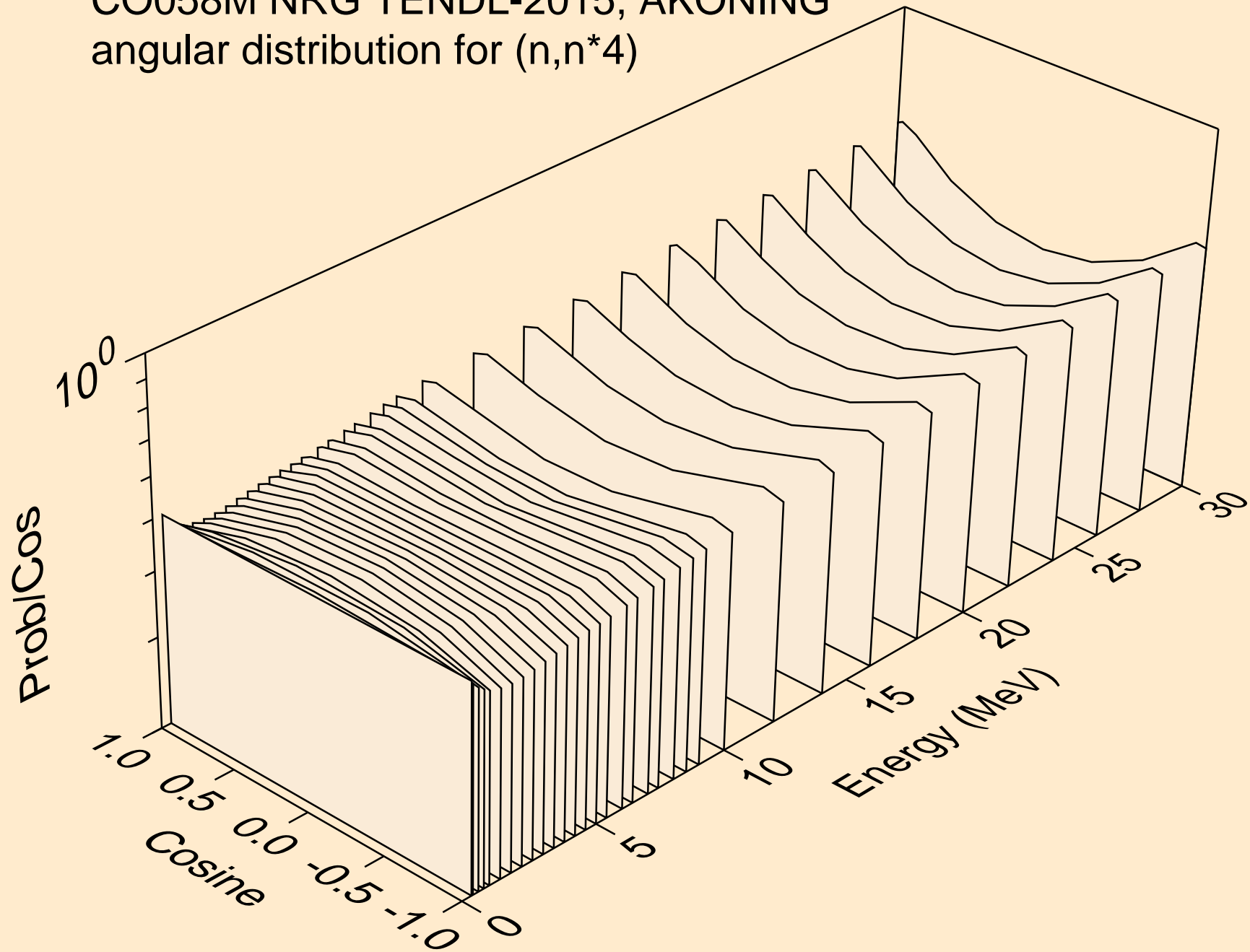
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angular distribution for (n,n\*2)



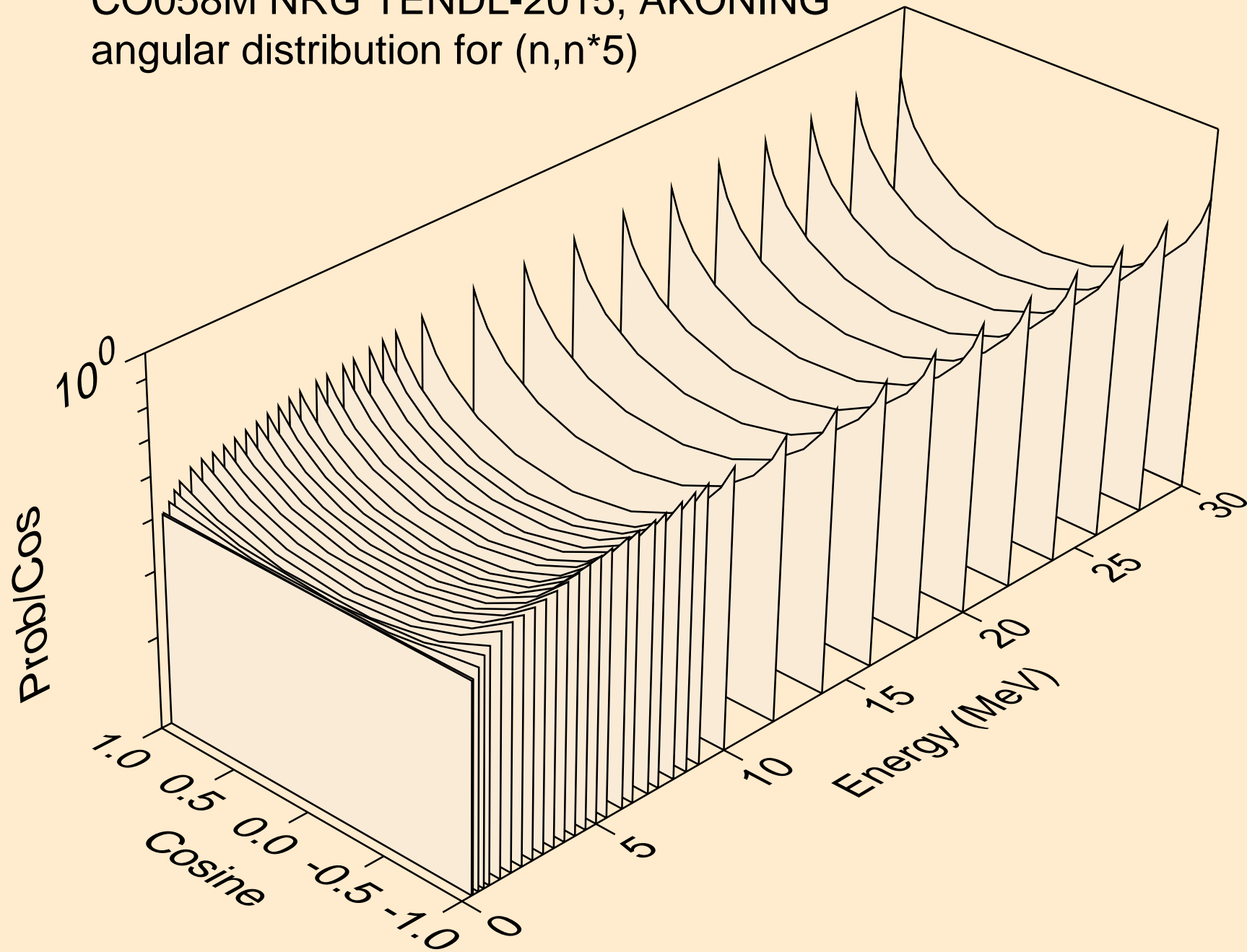
CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



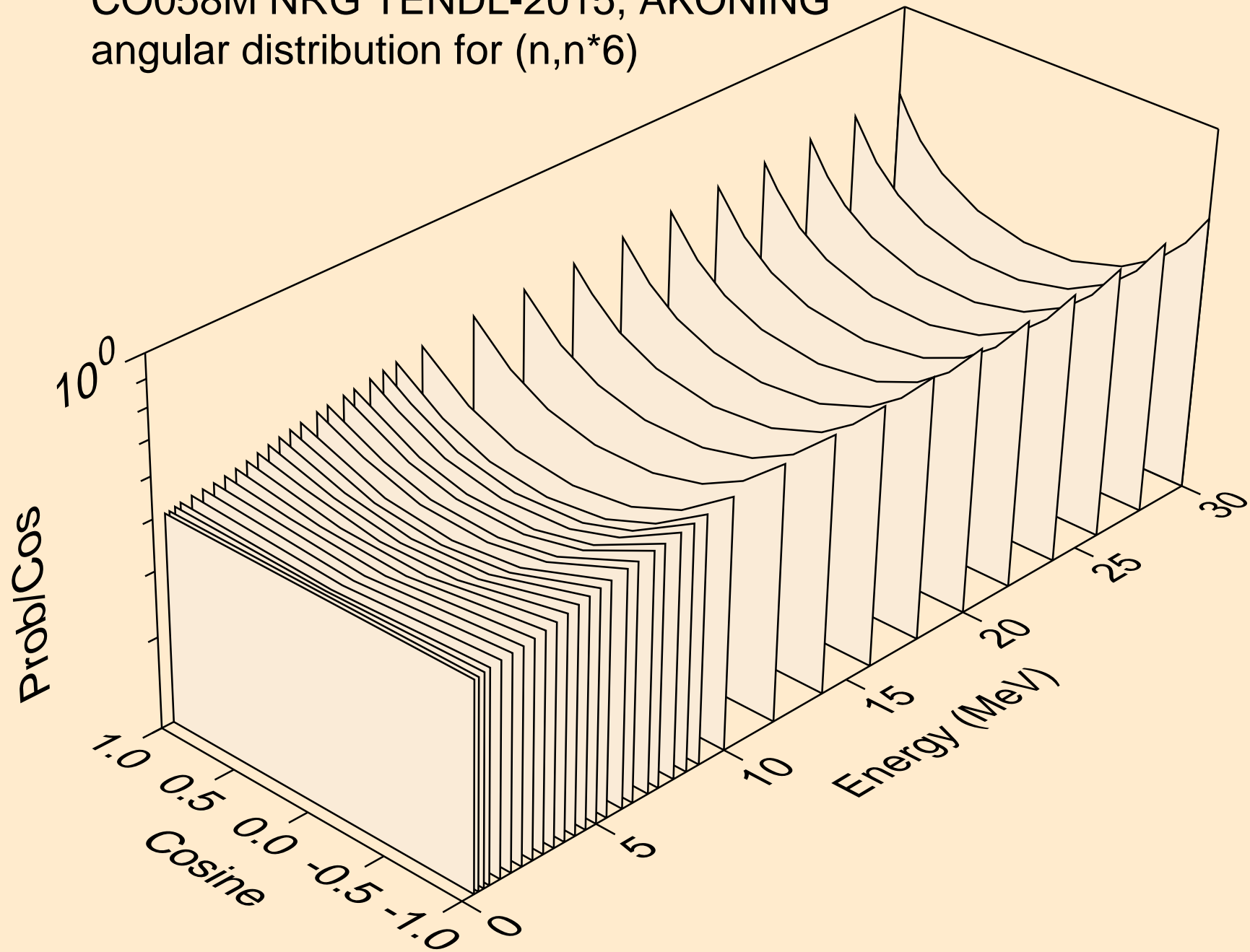
CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



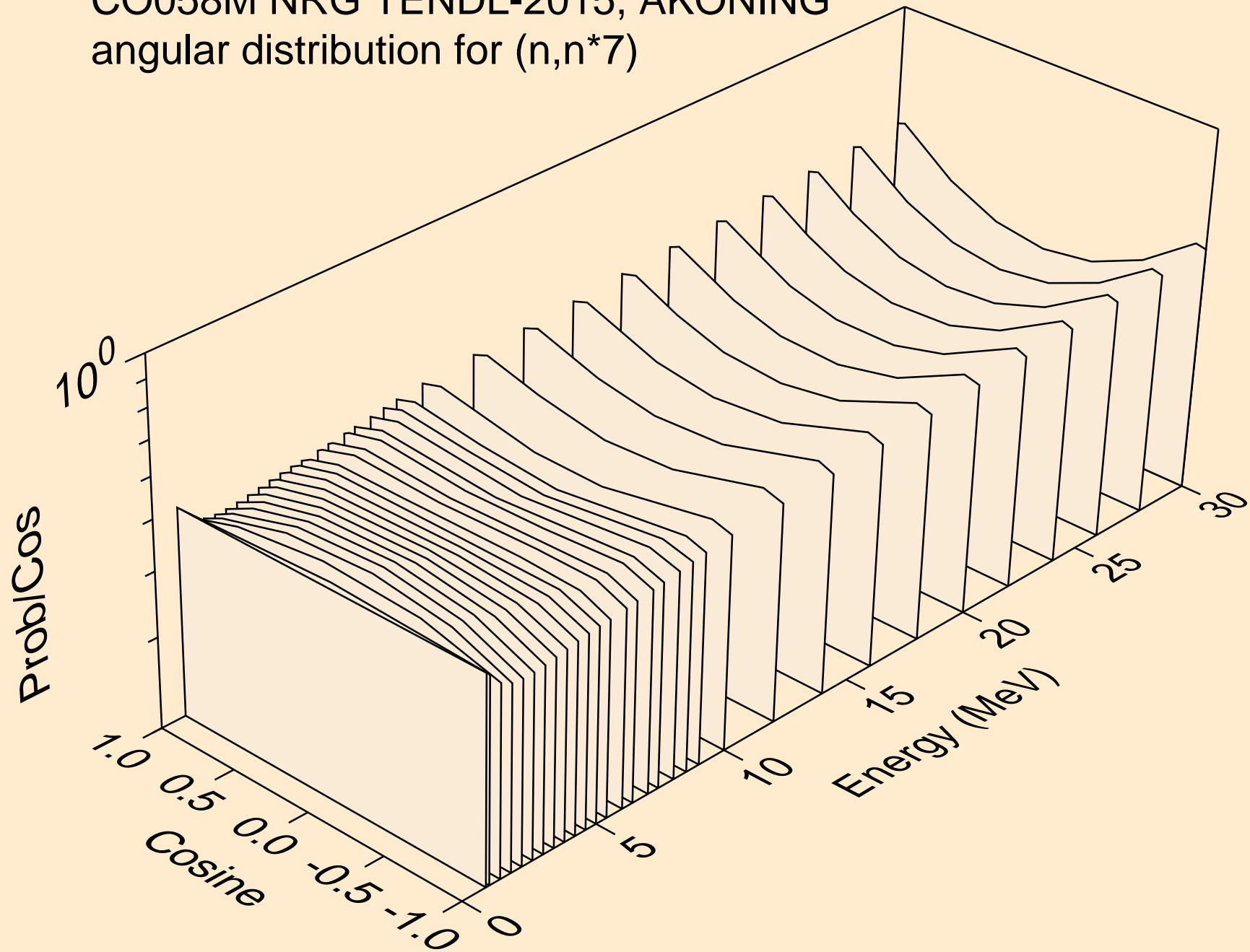
CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

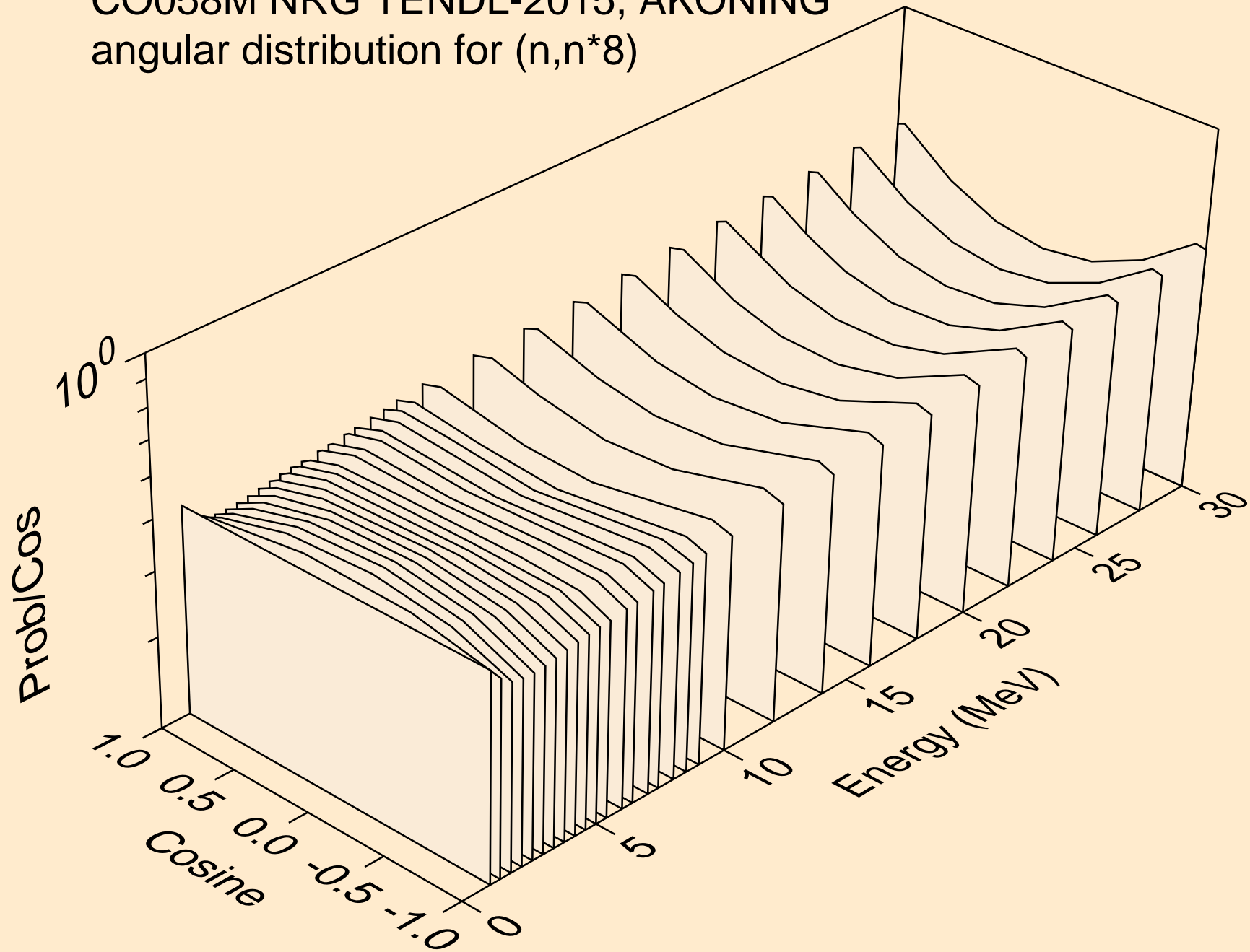


CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

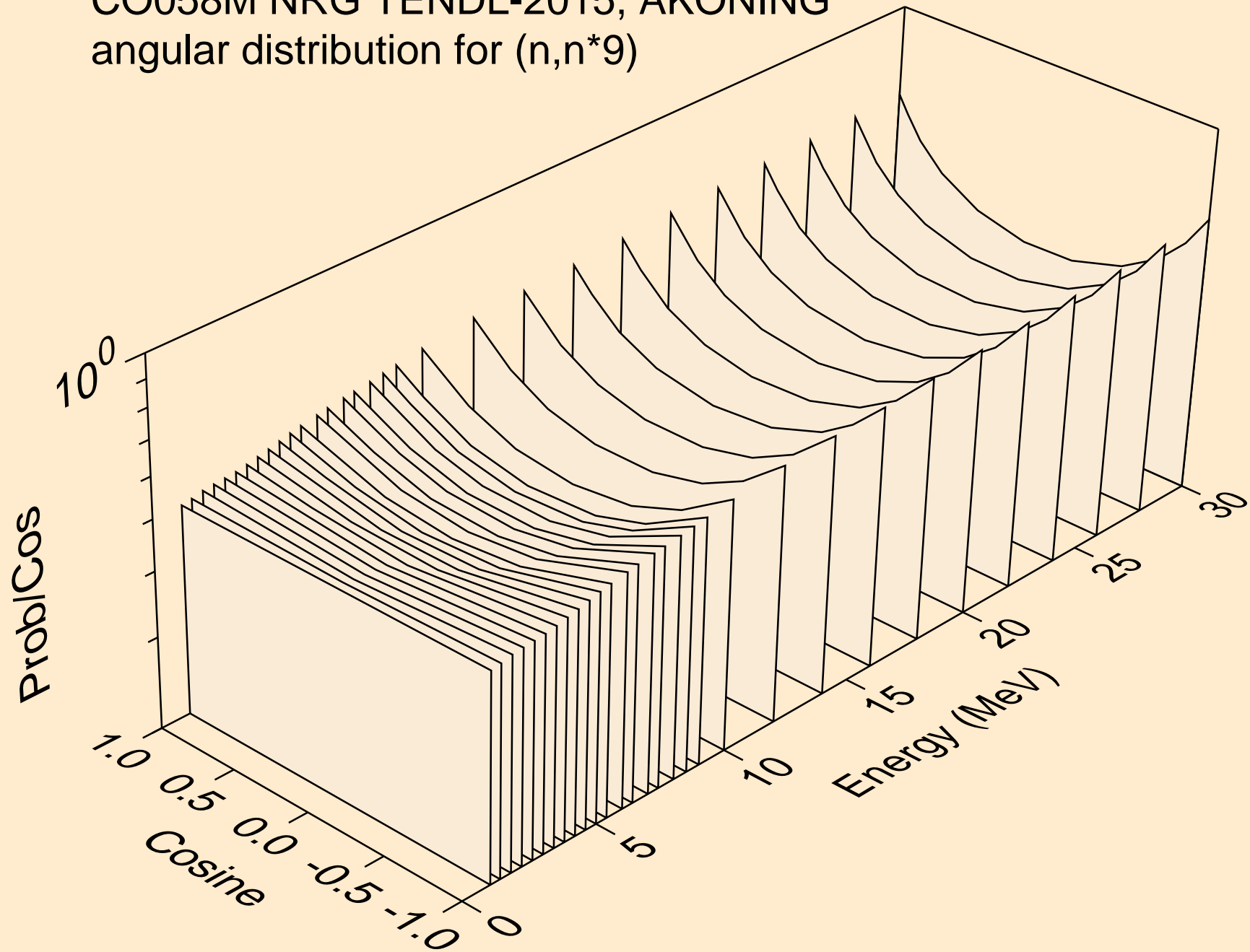




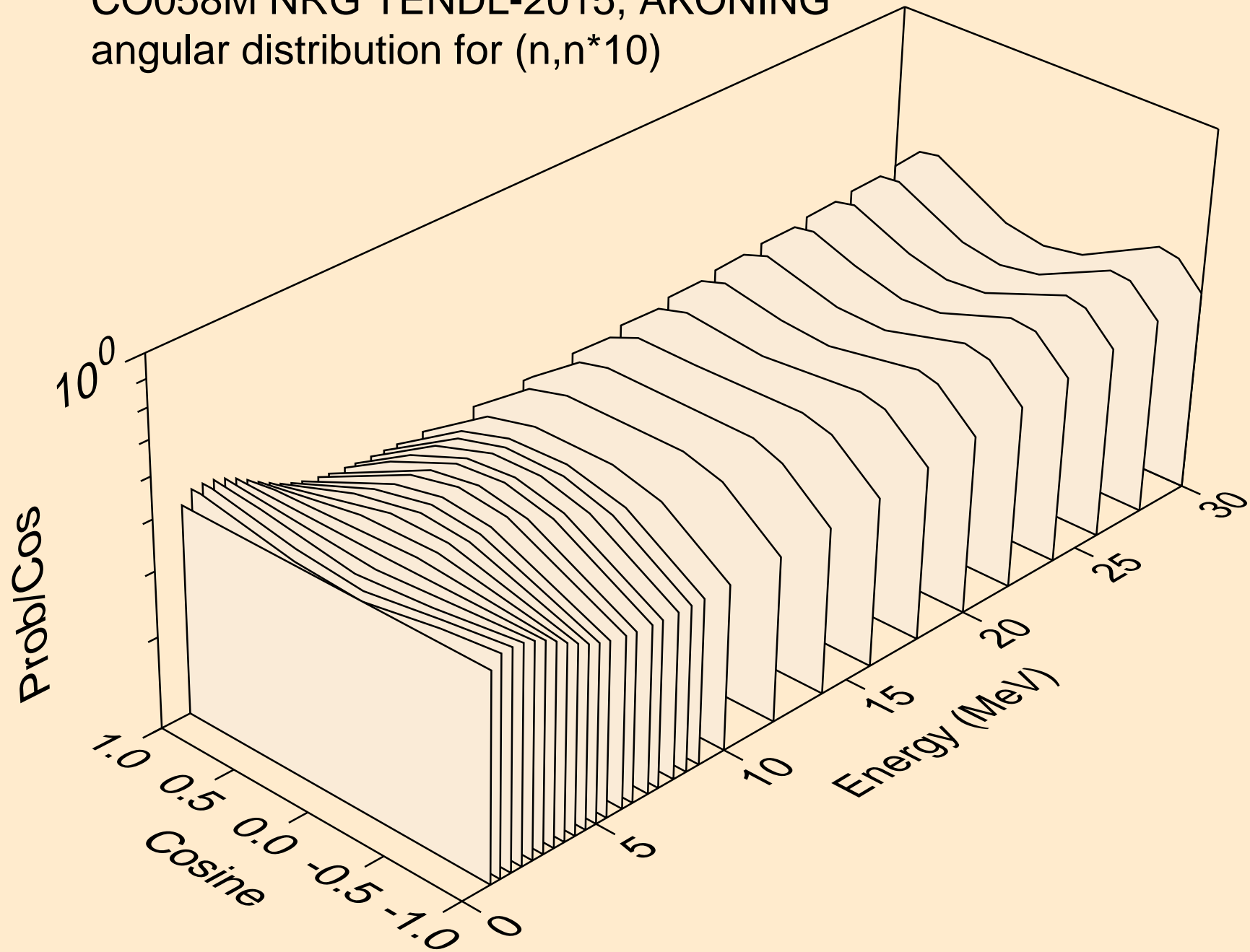
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angular distribution for (n,n\*8)



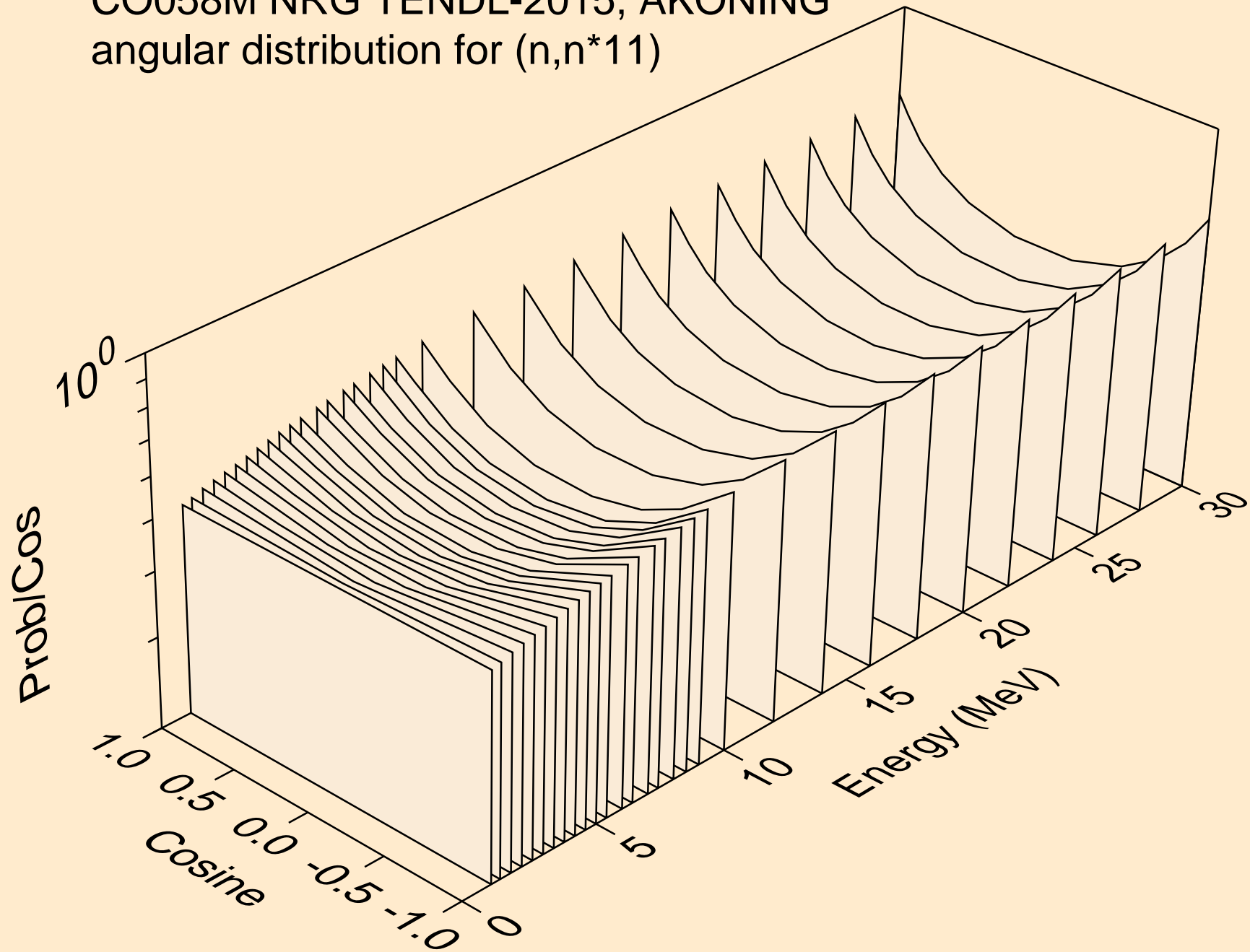
CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



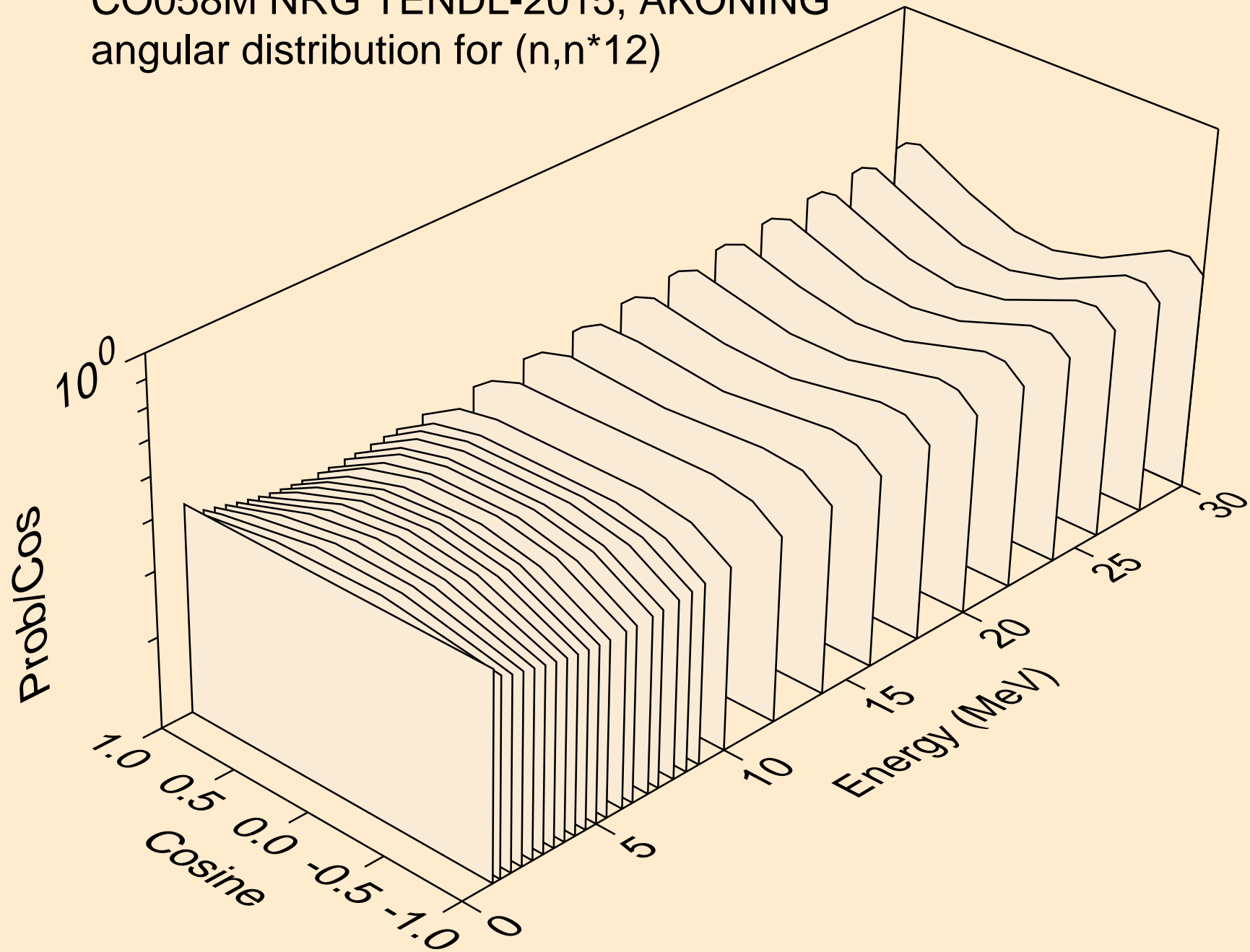
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angular distribution for (n,n\*10)



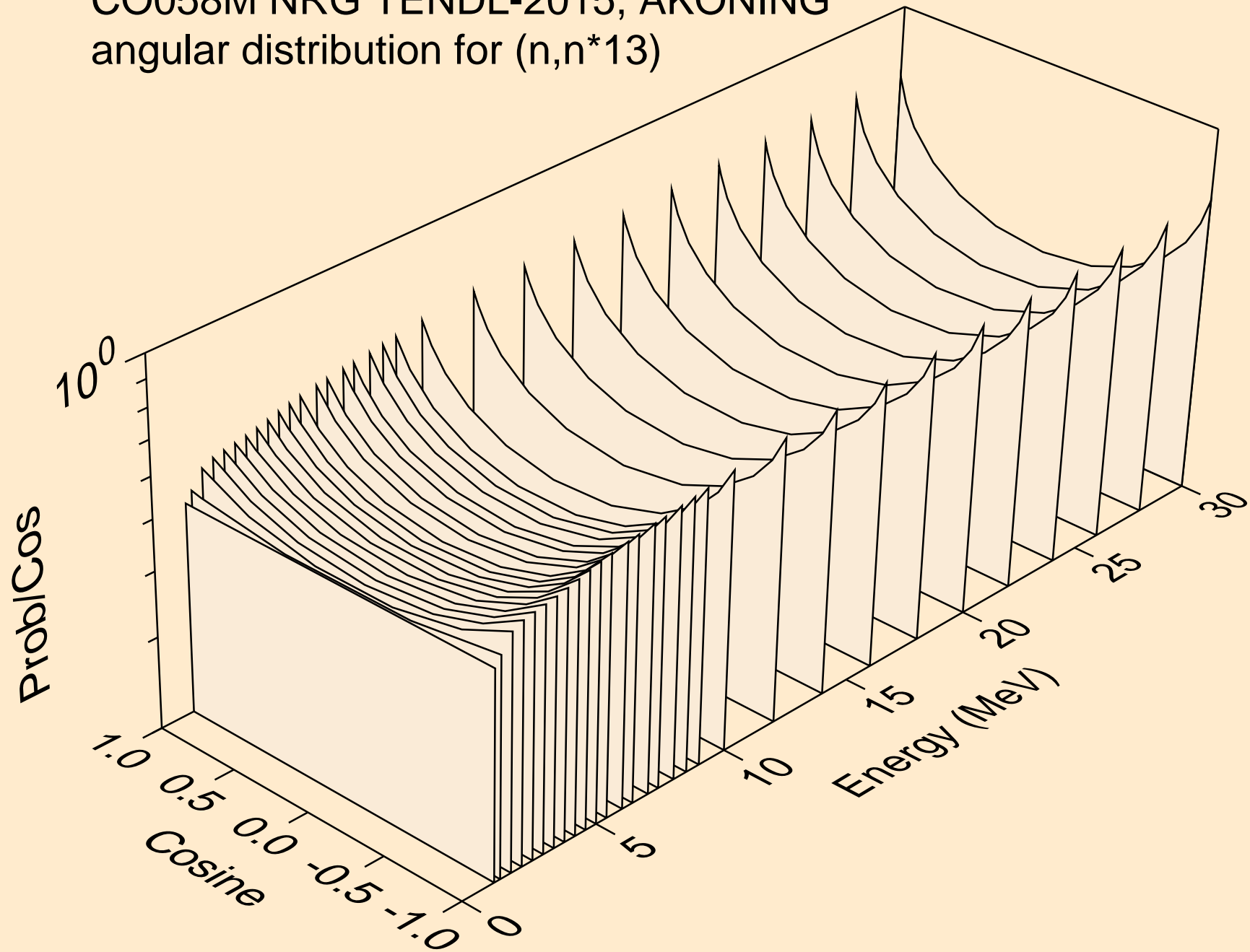
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angular distribution for (n,n\*11)



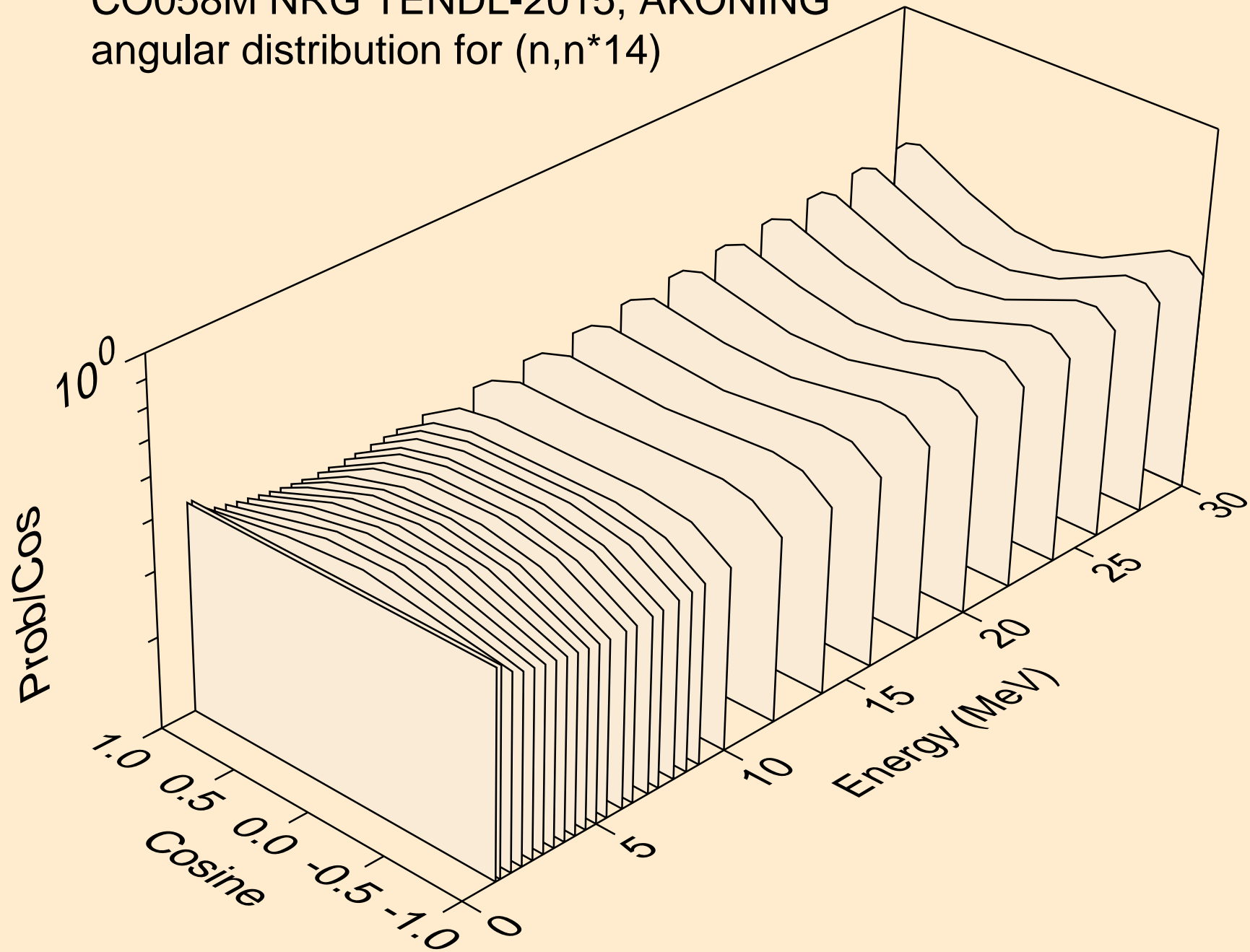
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angular distribution for (n,n\*12)



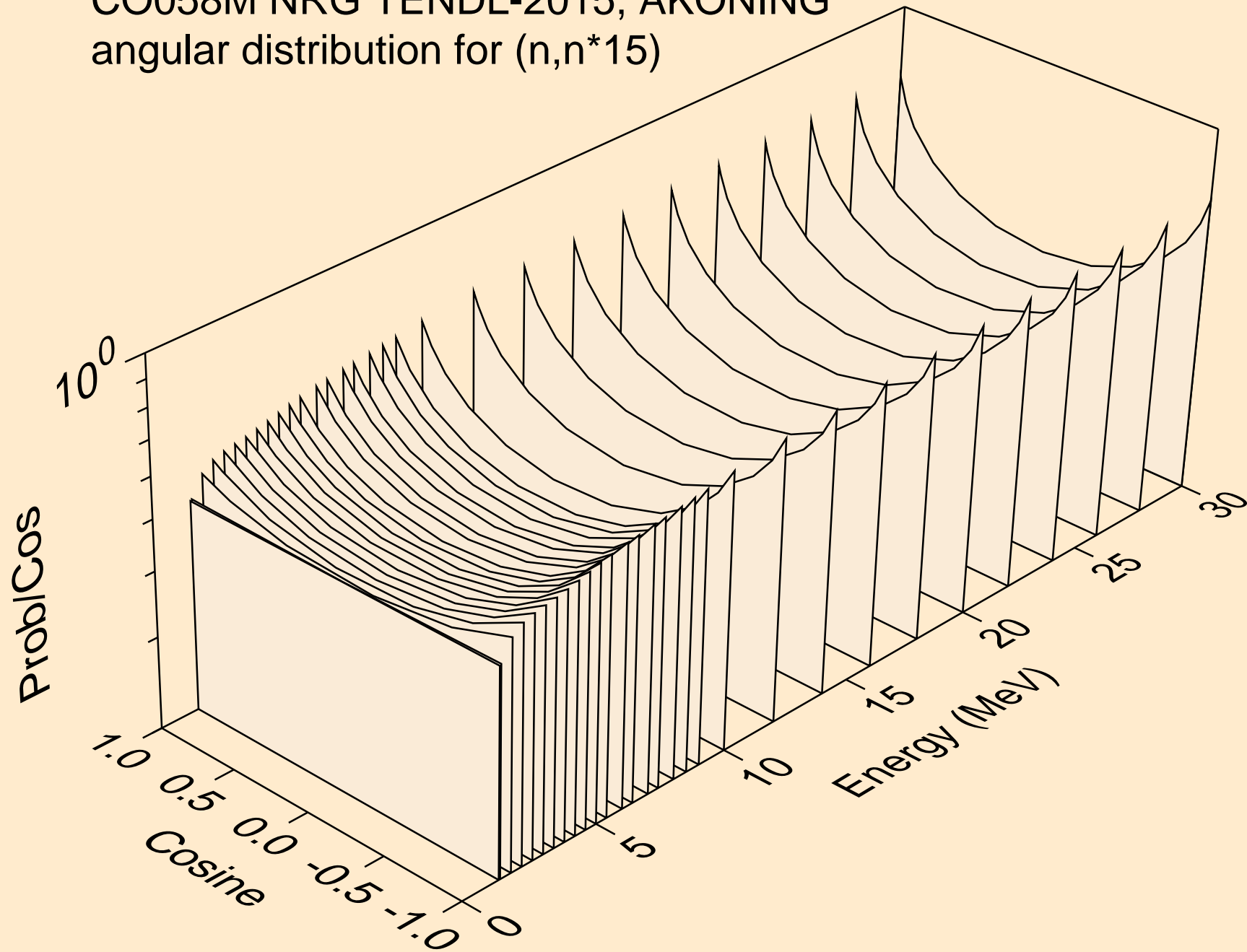
CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

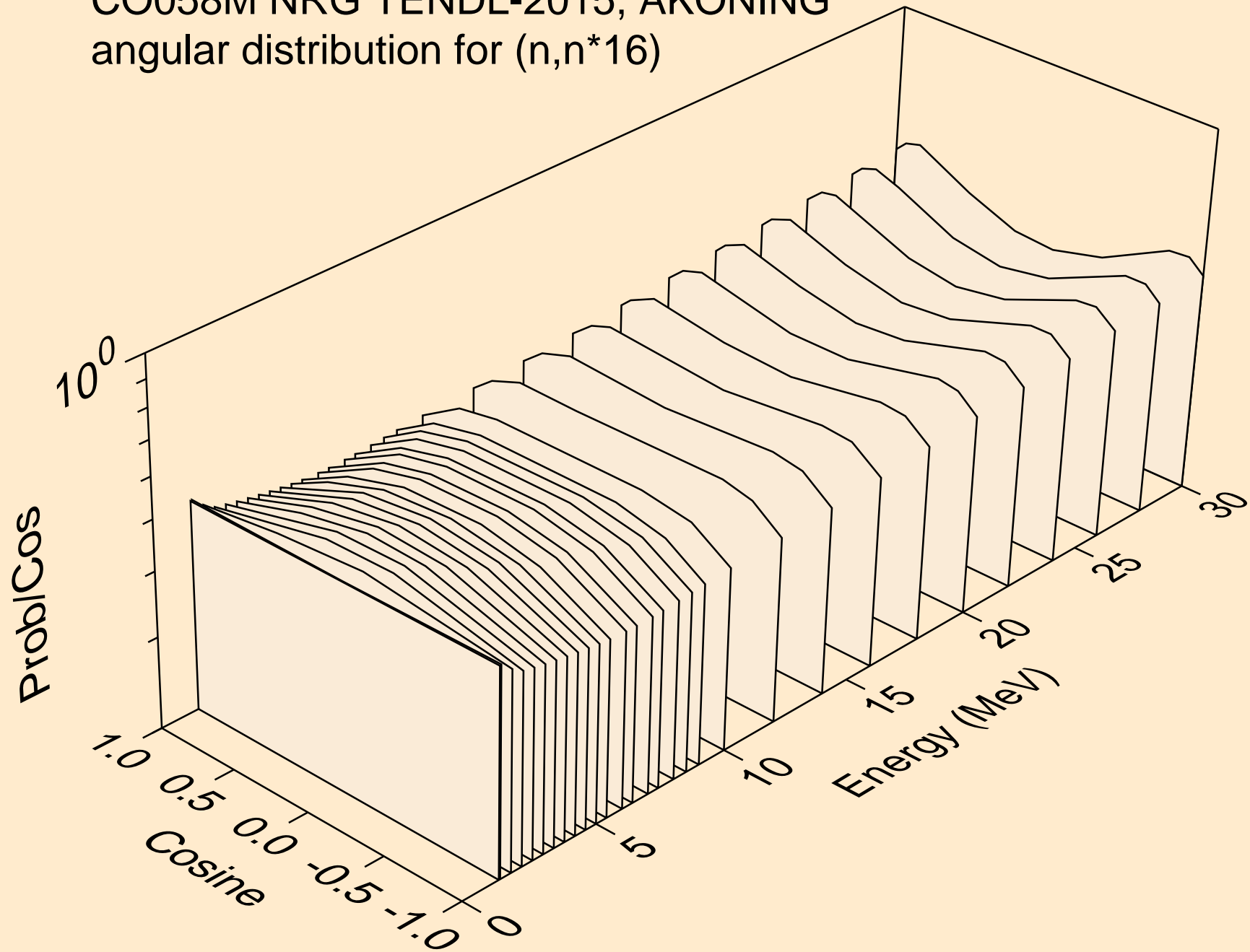


CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

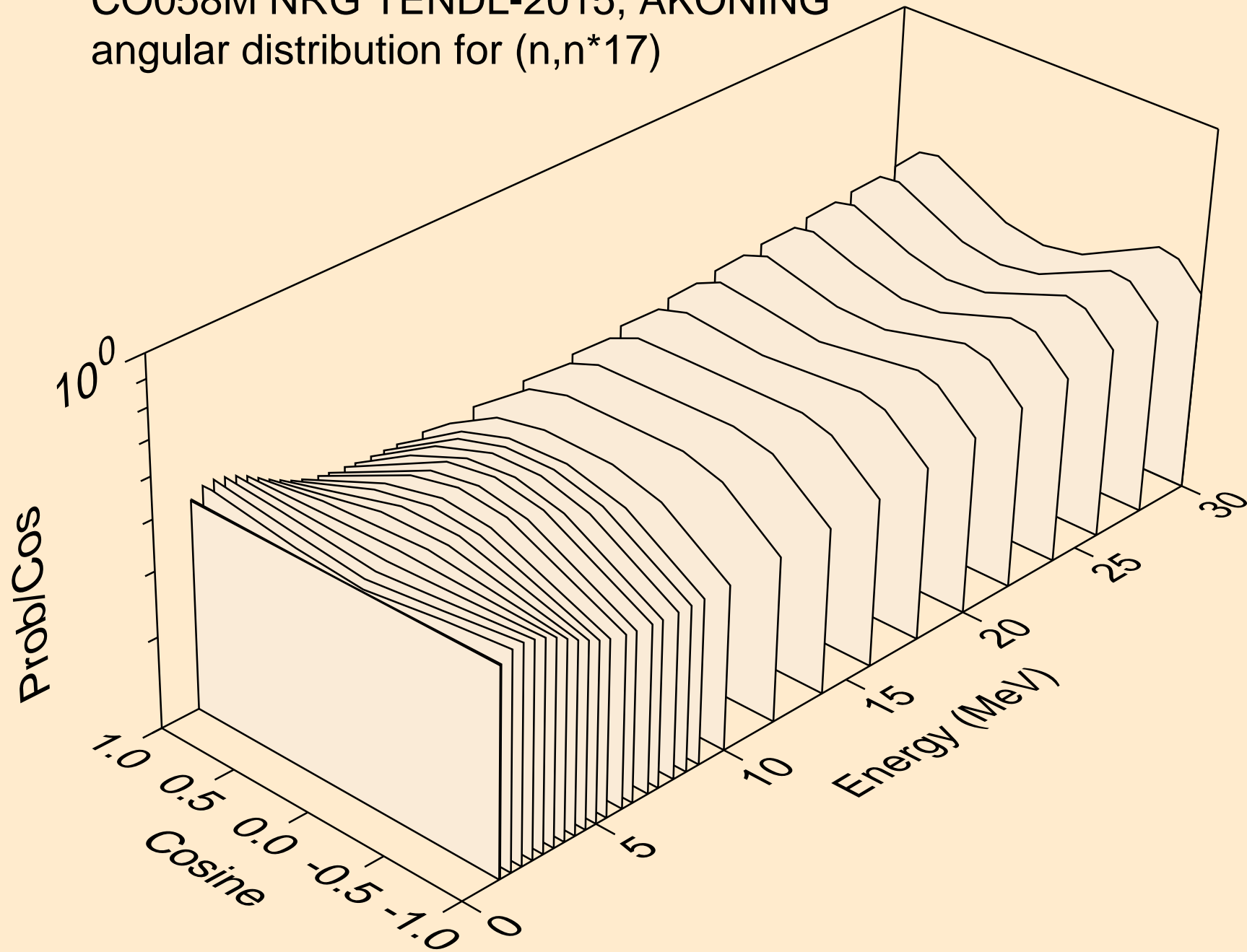




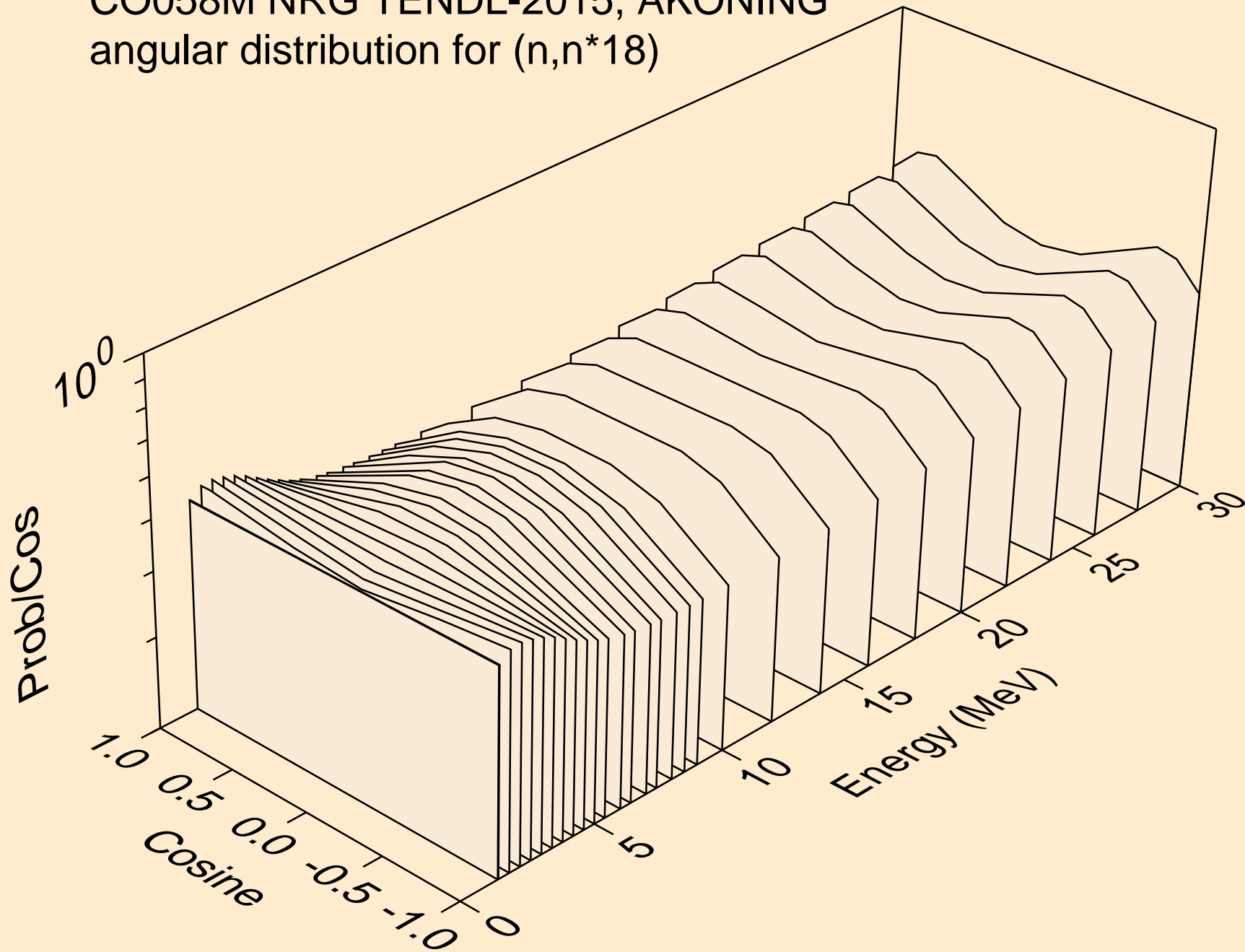
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angular distribution for (n,n\*16)



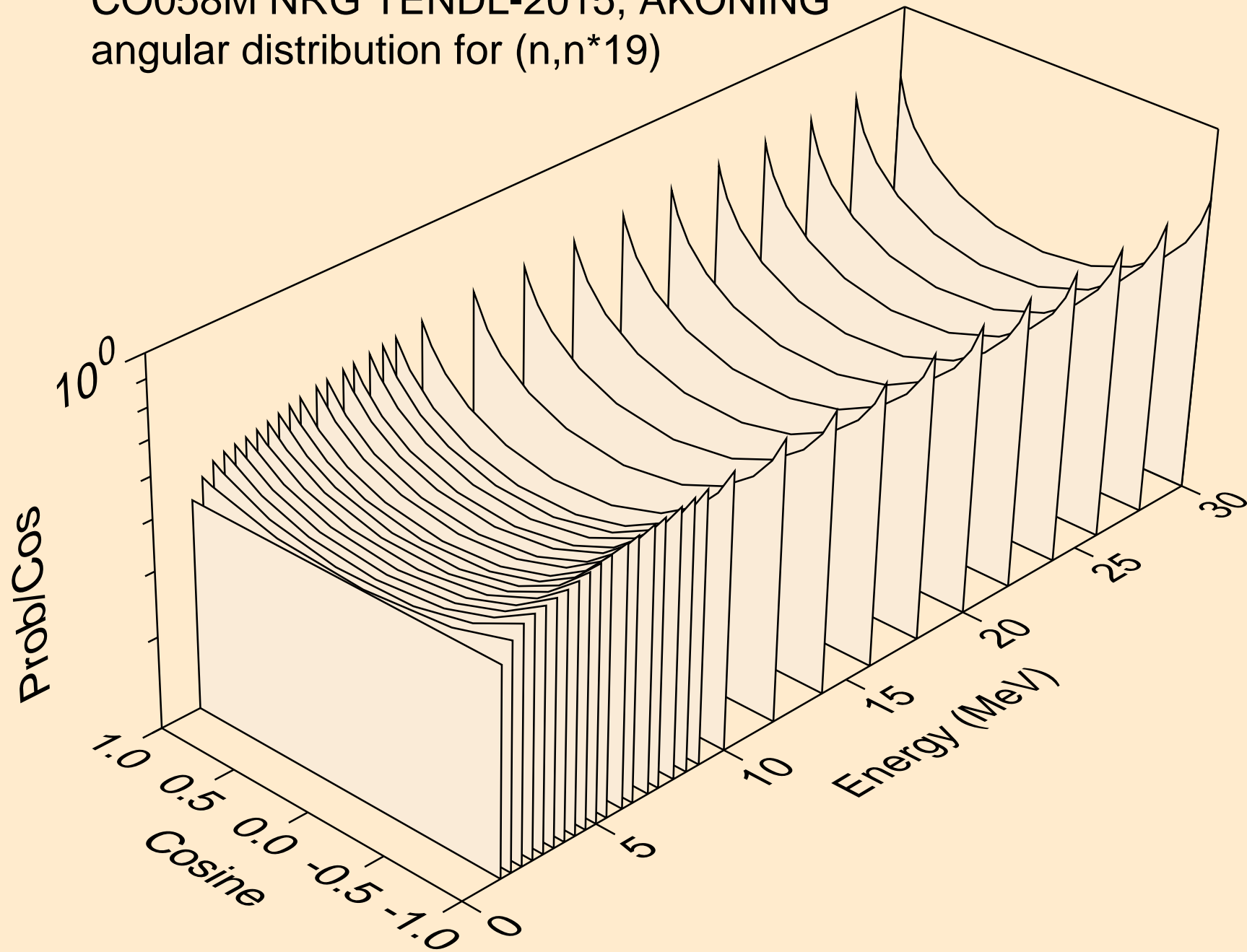
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angular distribution for (n,n\*17)



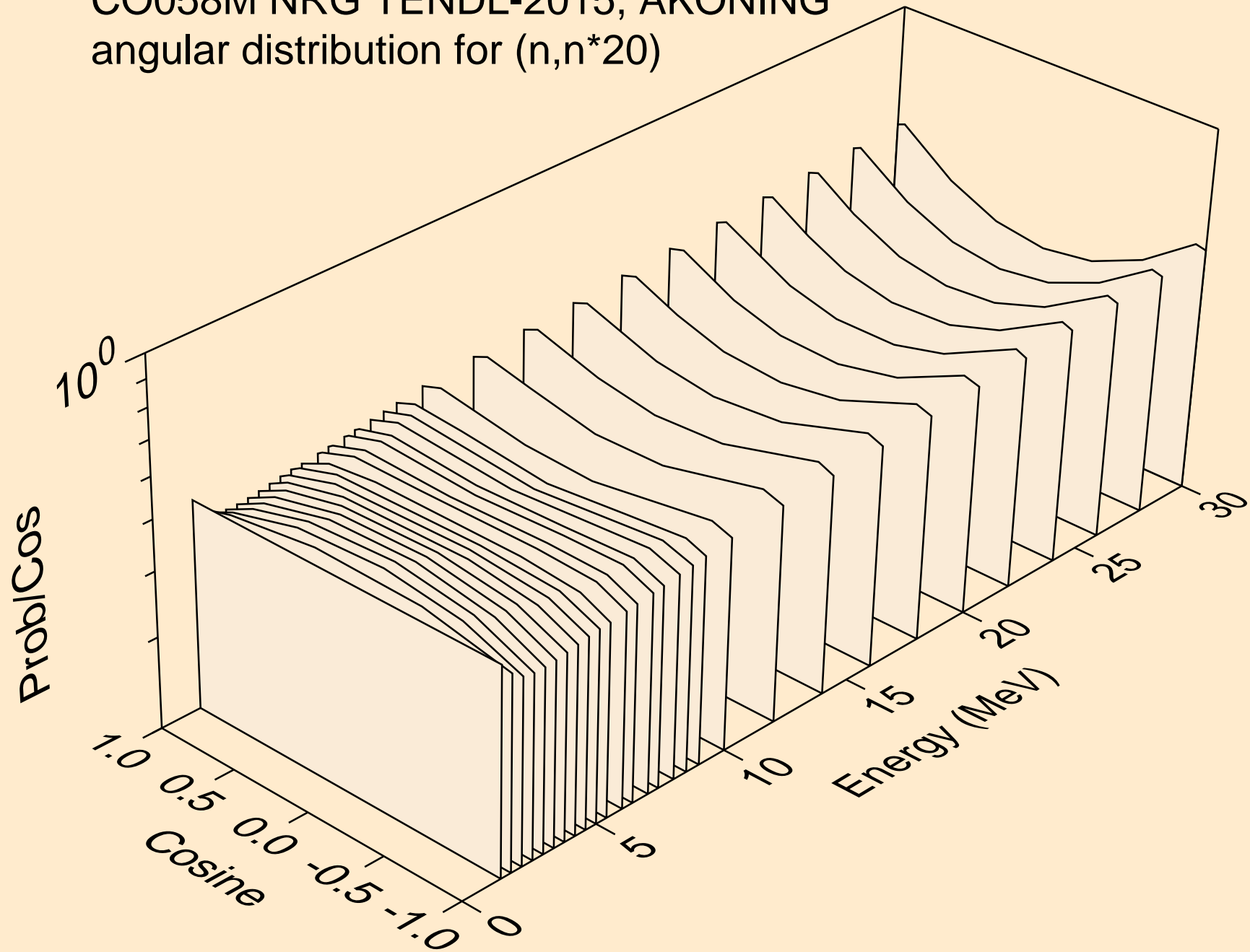
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angular distribution for (n,n\*18)



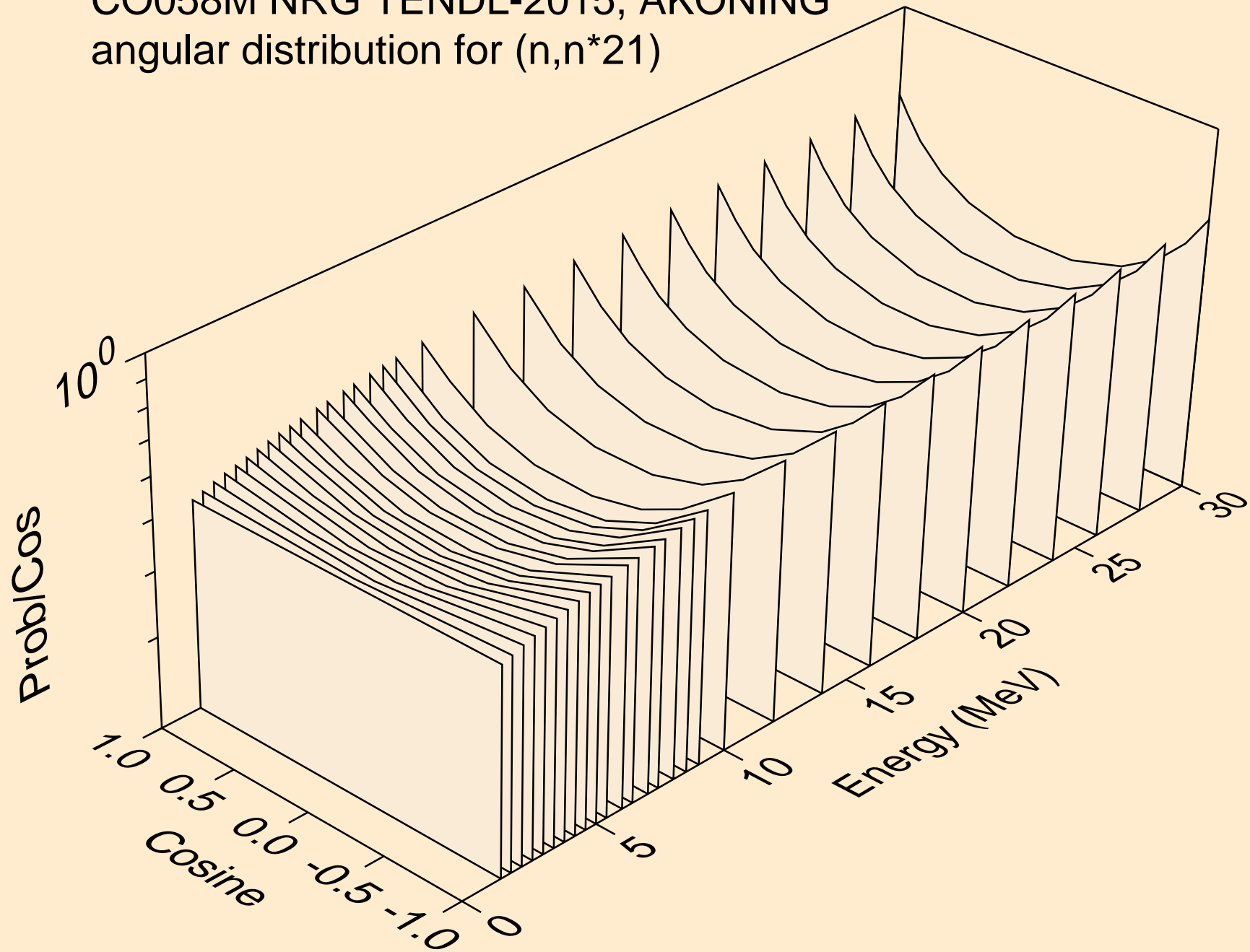
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angular distribution for (n,n\*19)



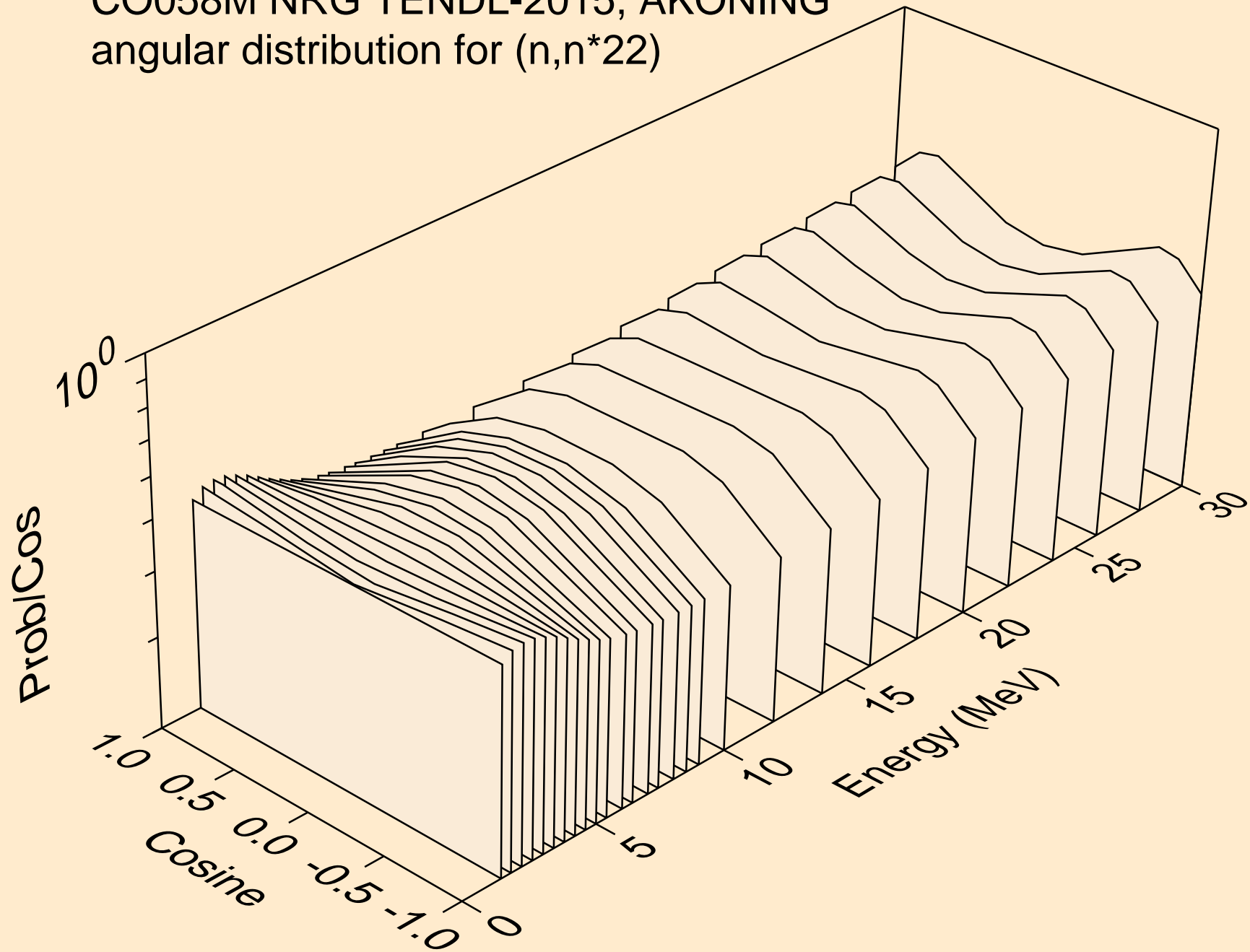
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angular distribution for (n,n\*20)



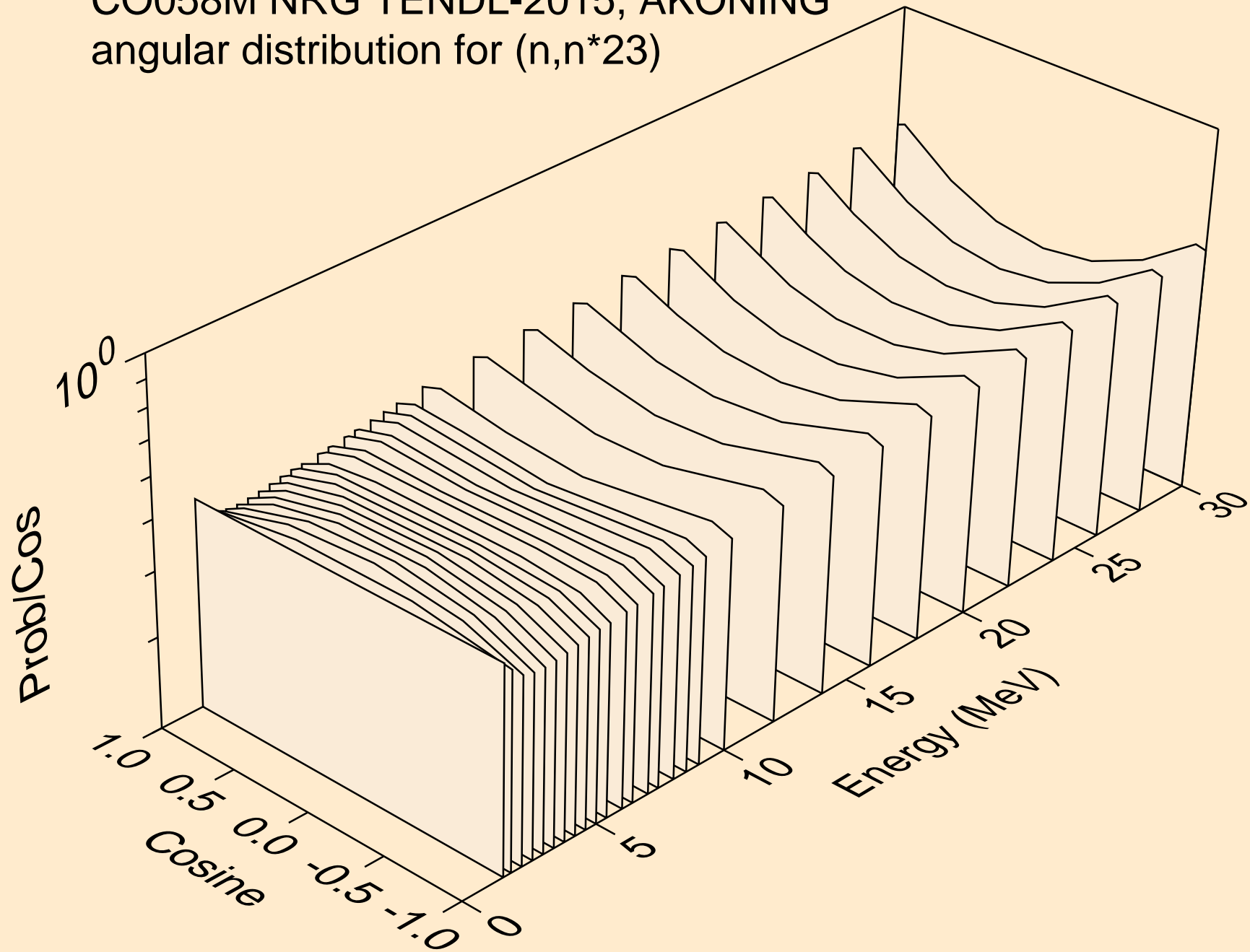
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angular distribution for (n,n\*21)



CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

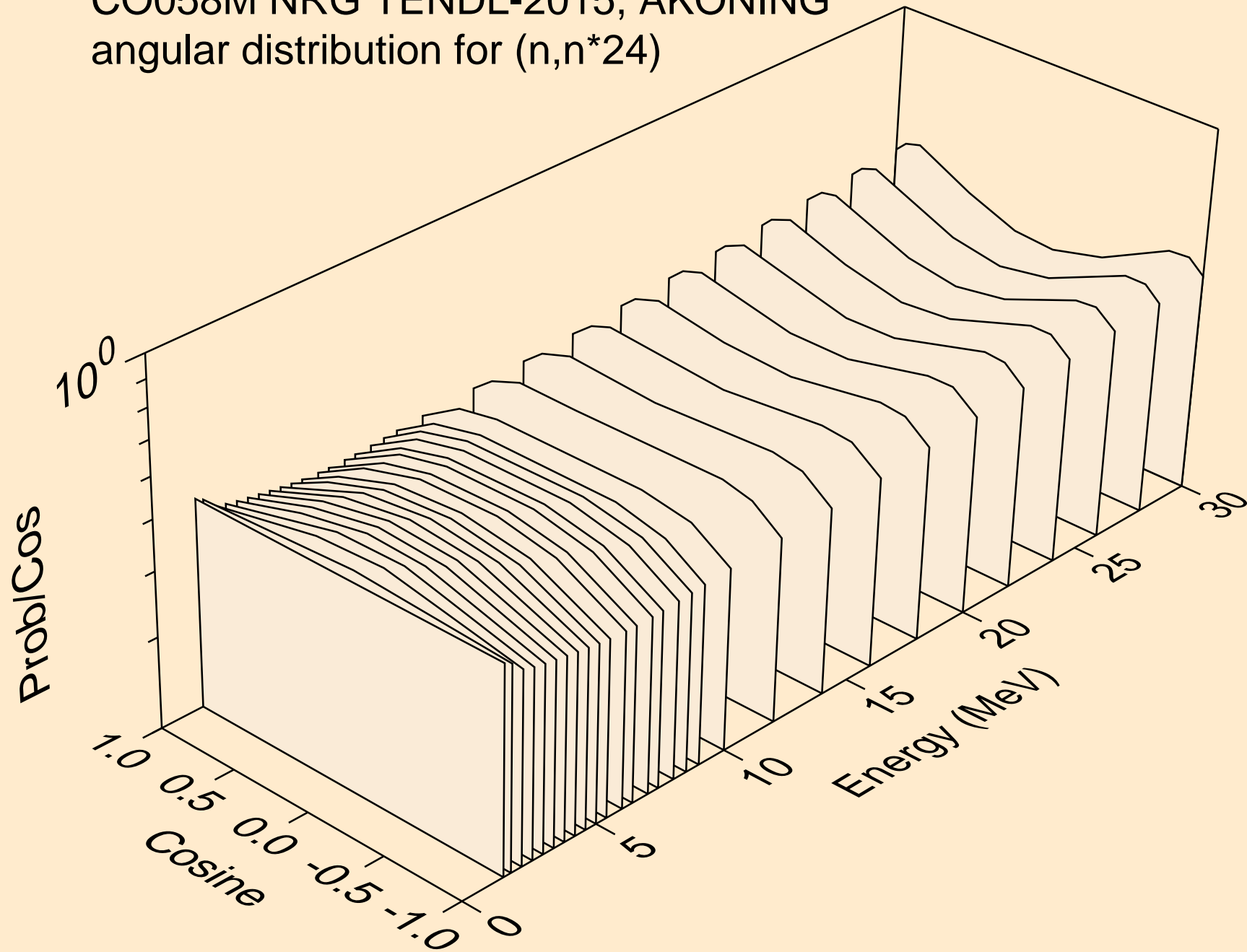


CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

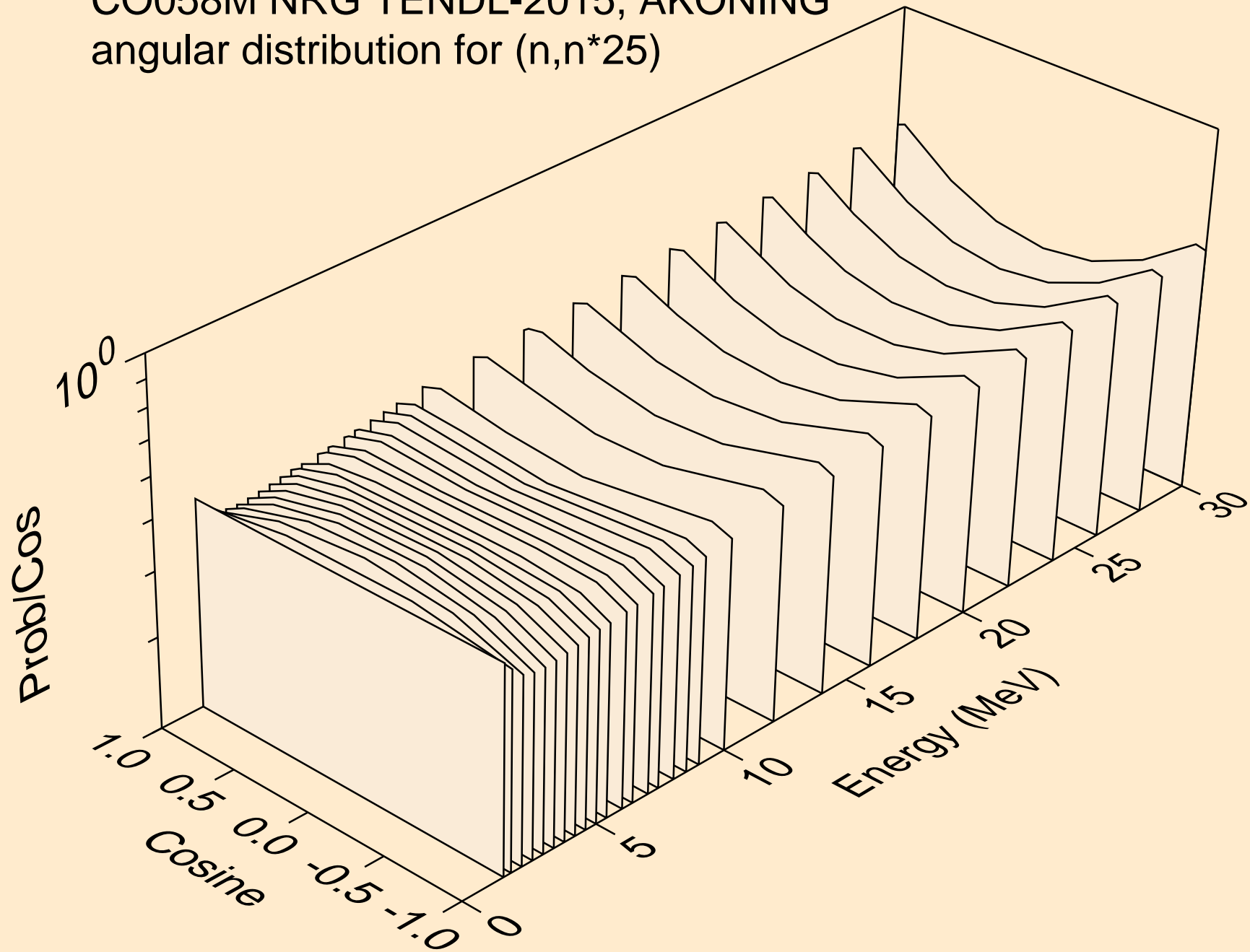




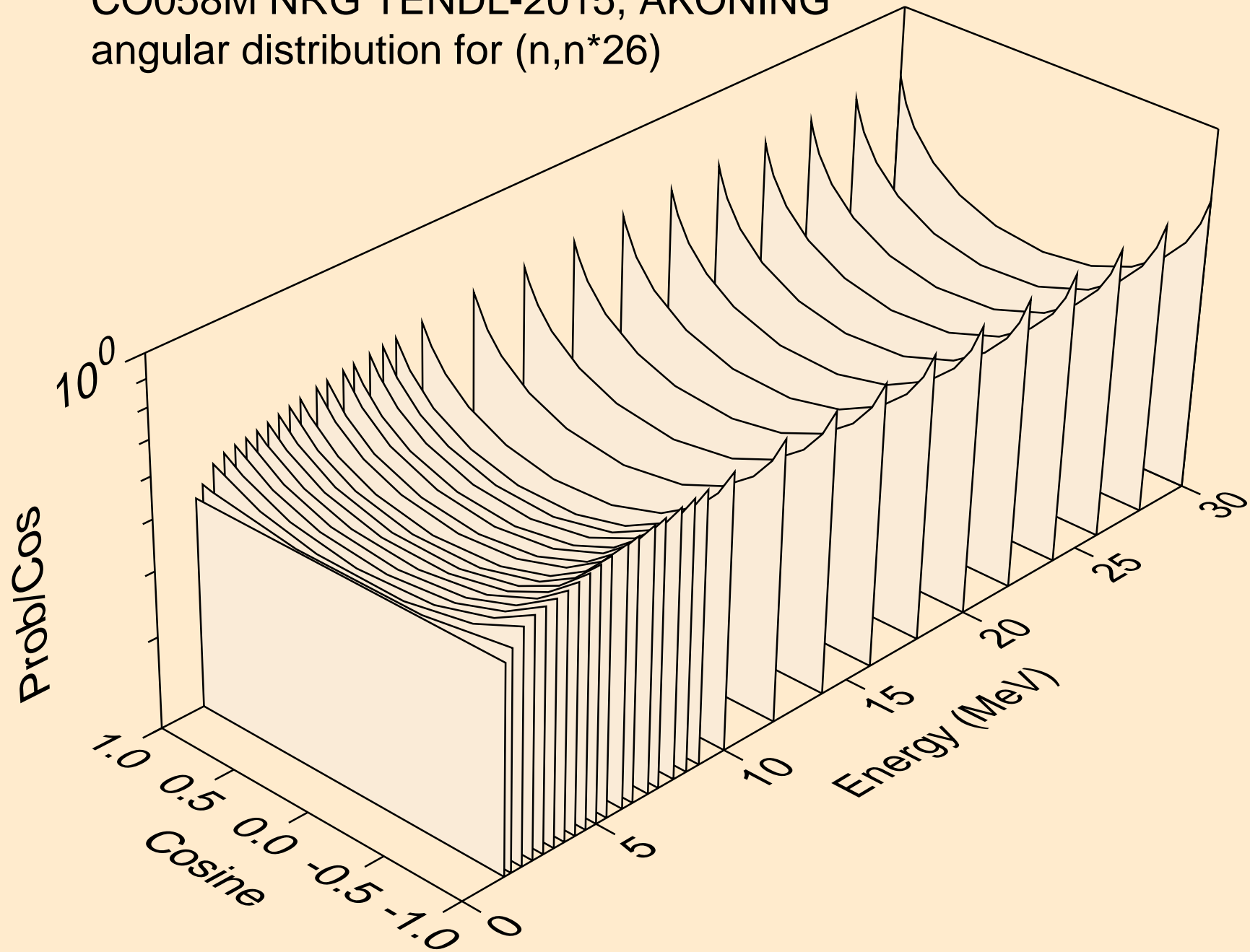
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angular distribution for (n,n\*24)



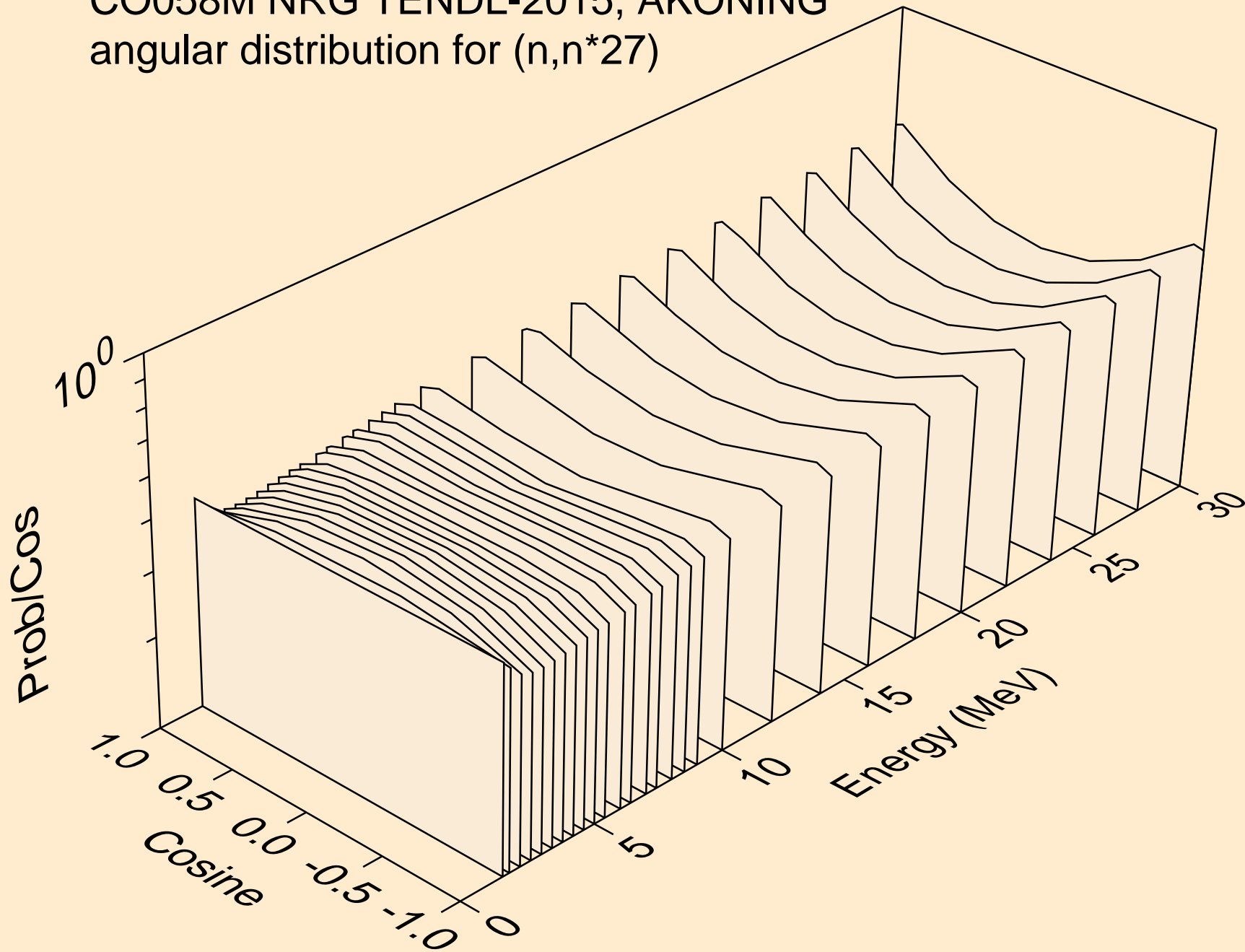
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angular distribution for (n,n\*25)



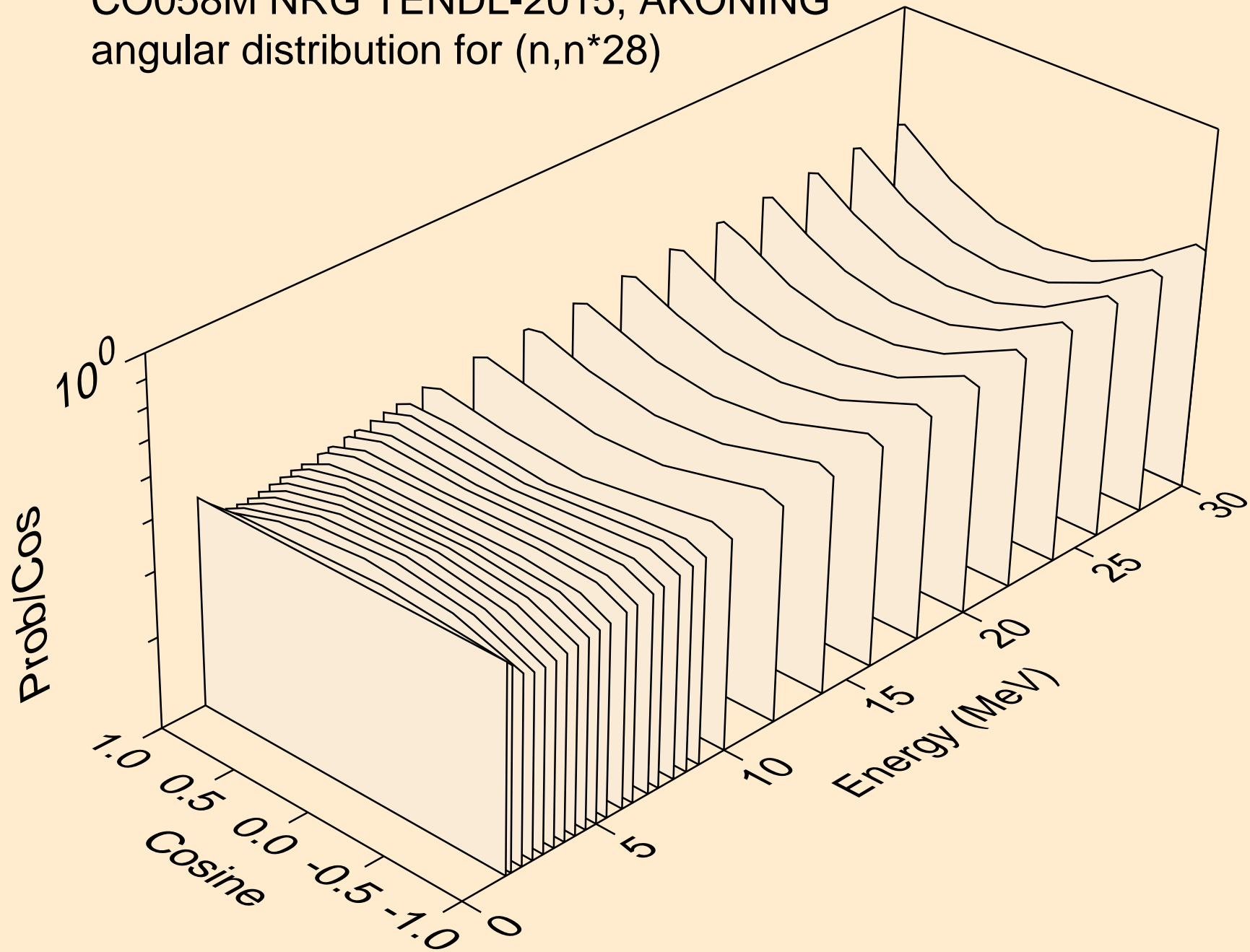
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angular distribution for (n,n\*26)



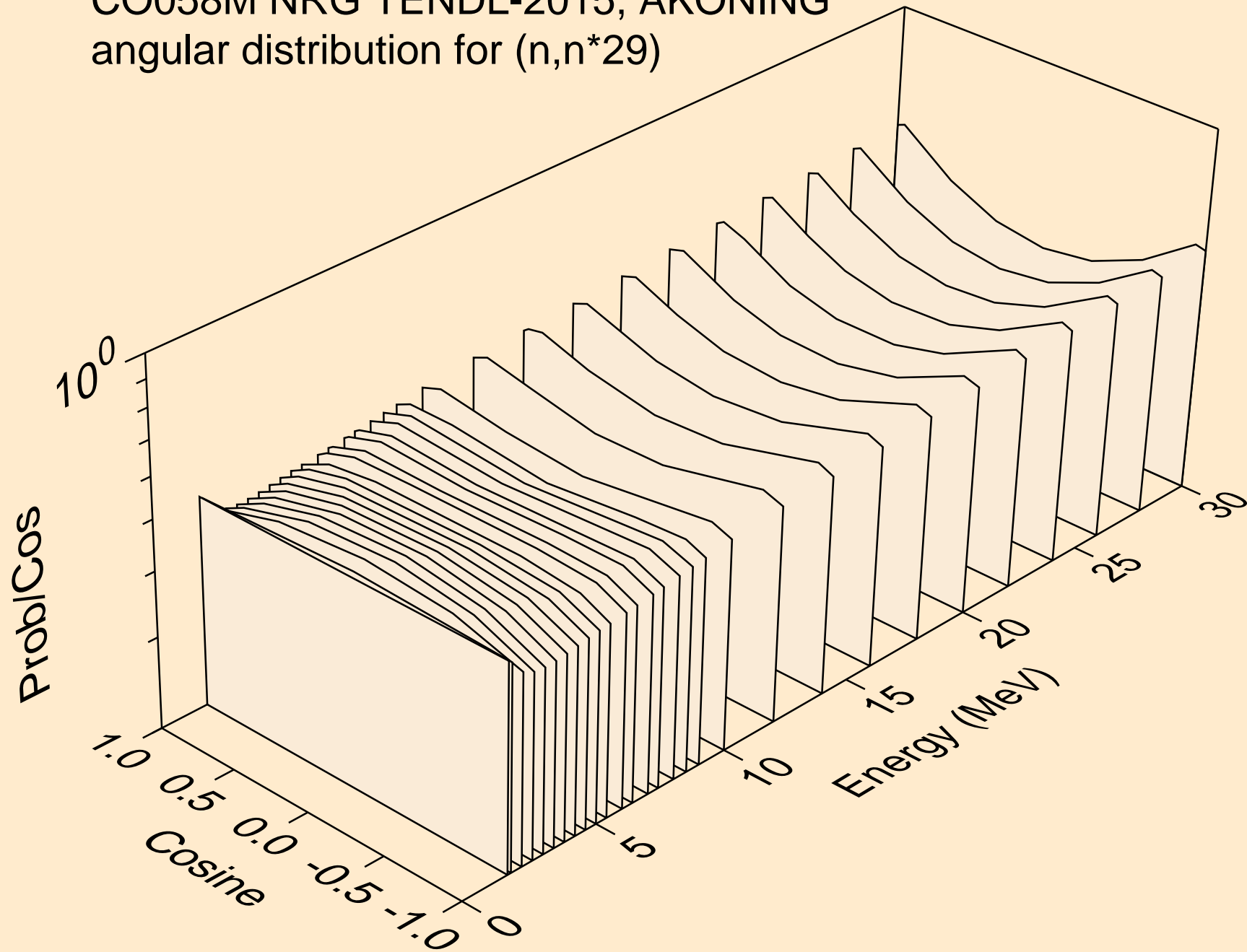
CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



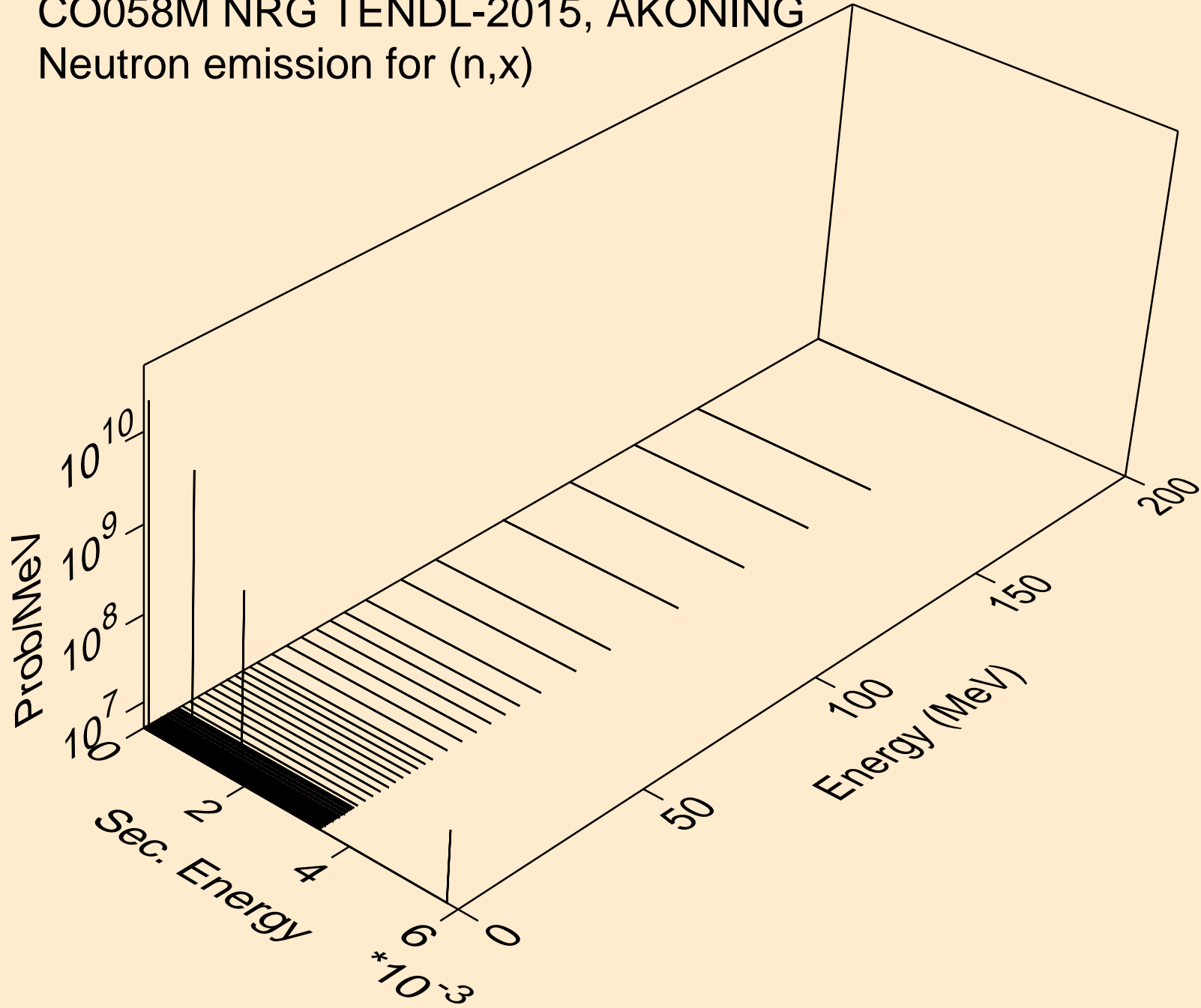
CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



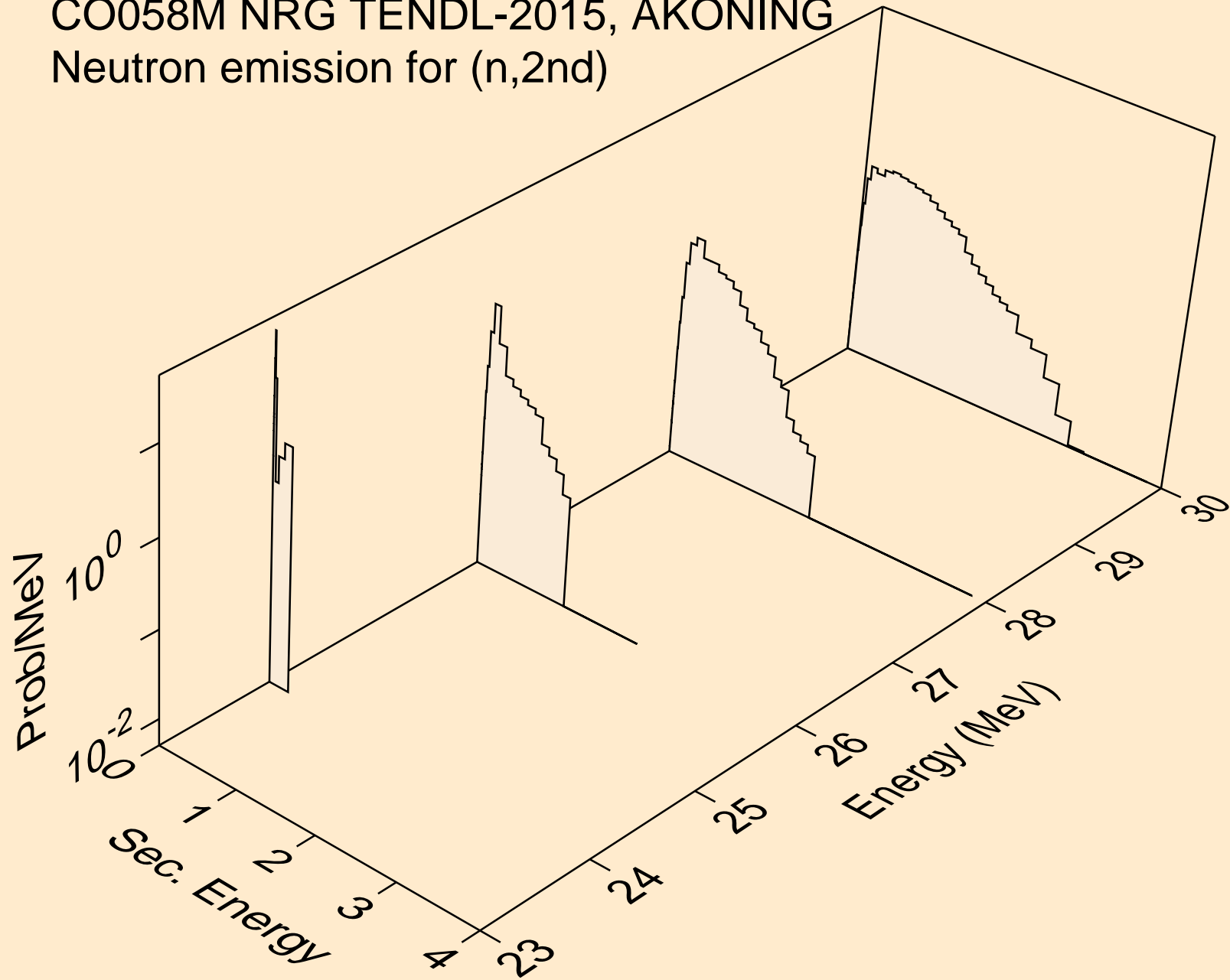
CO058M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

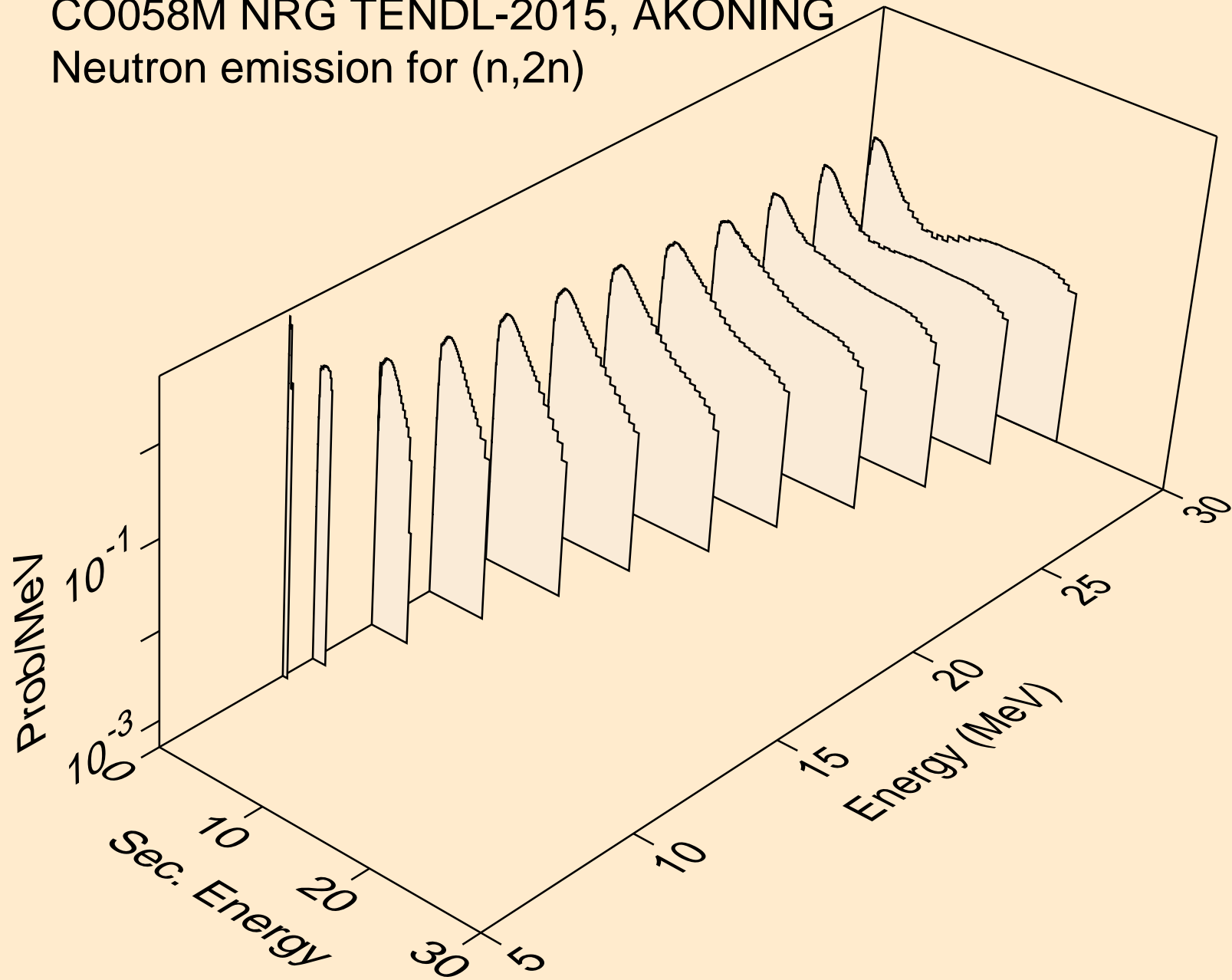


CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

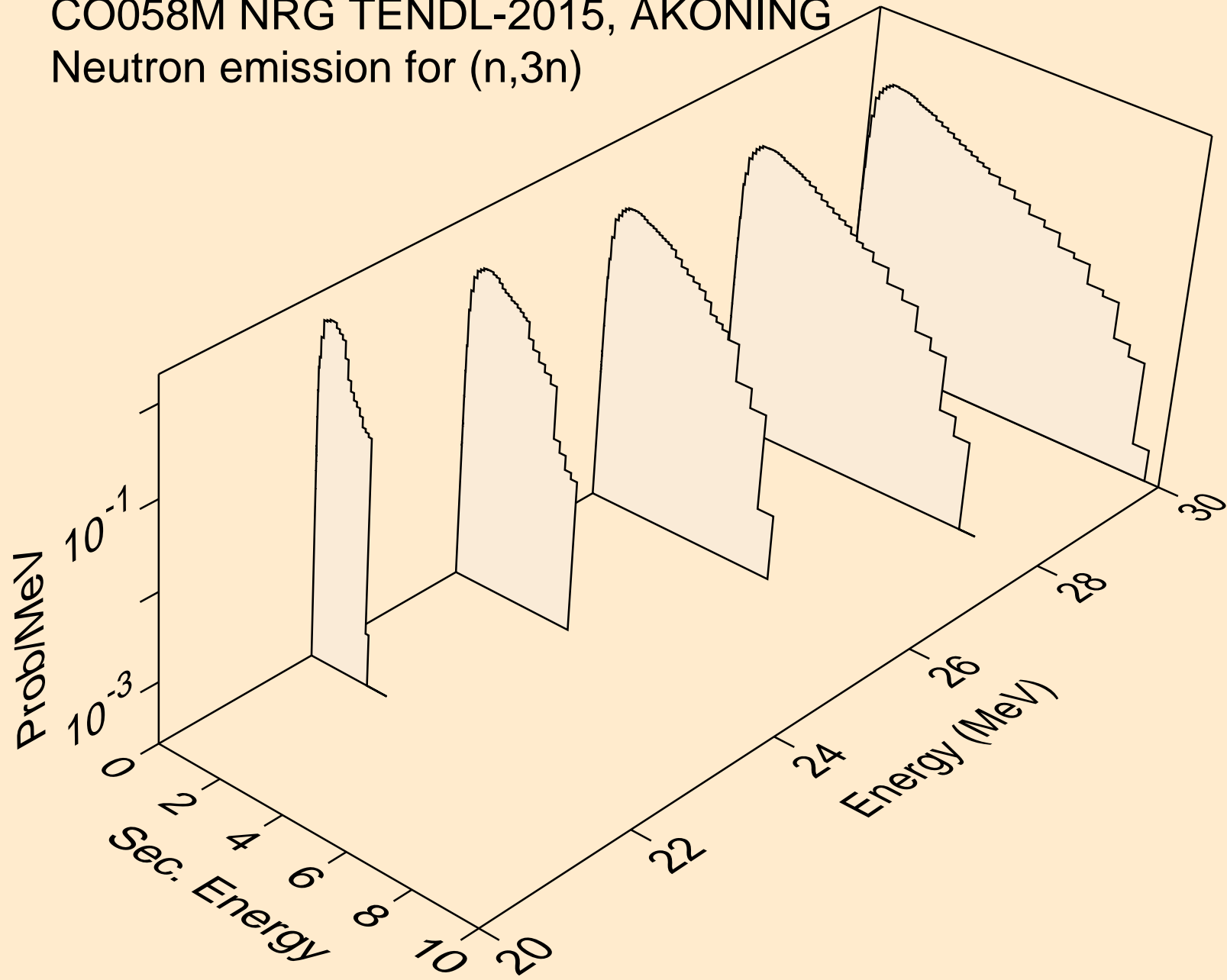




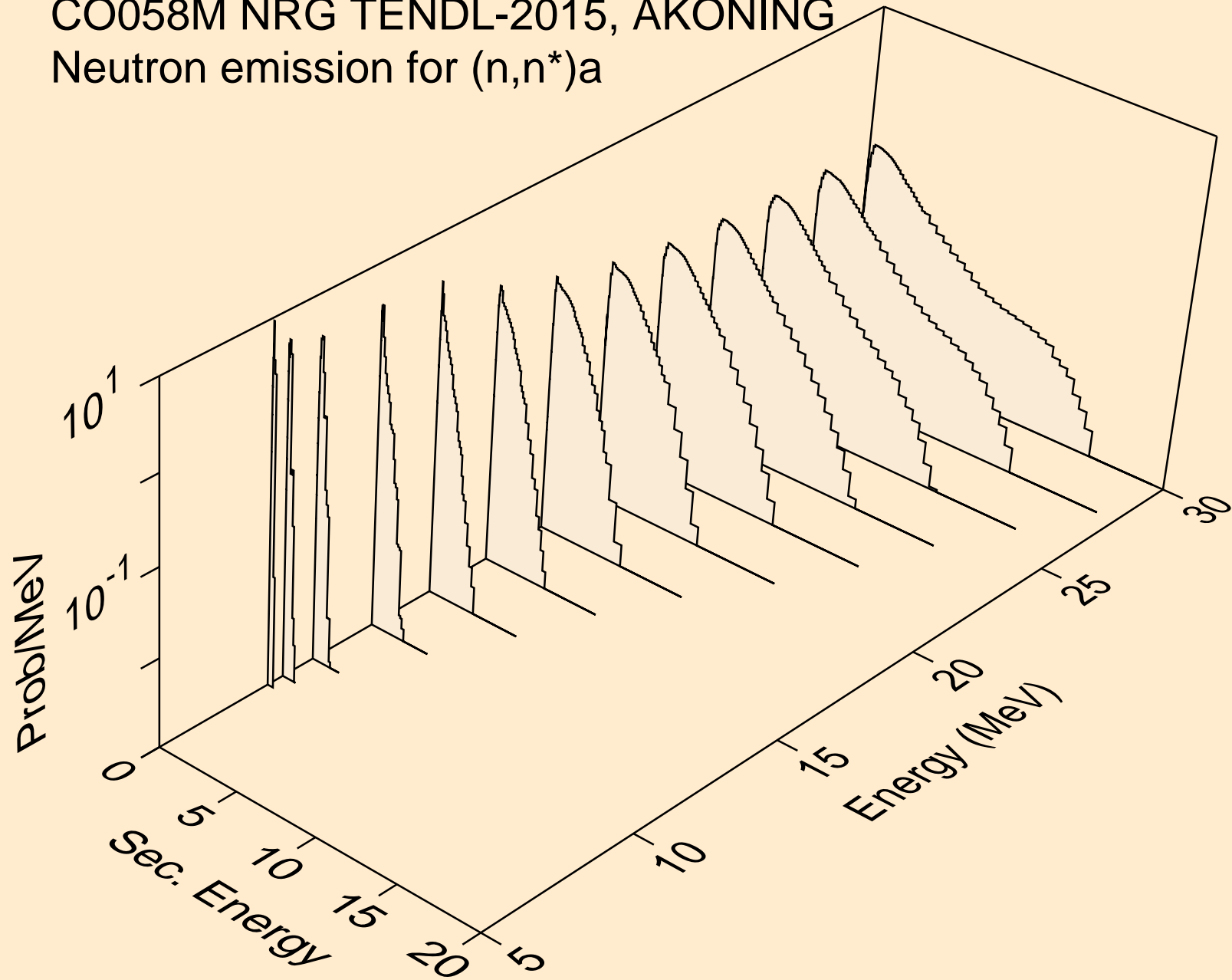
CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



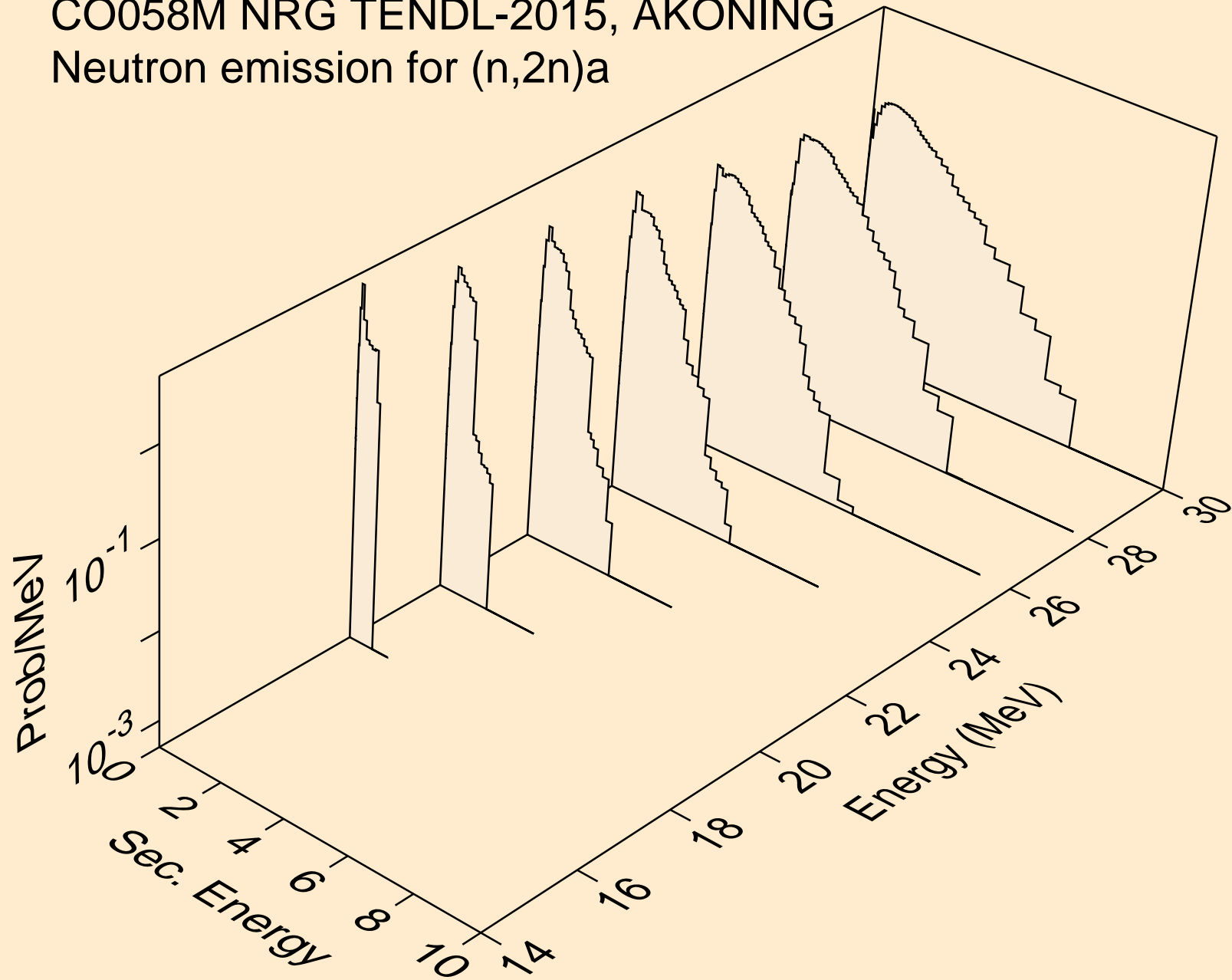
CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



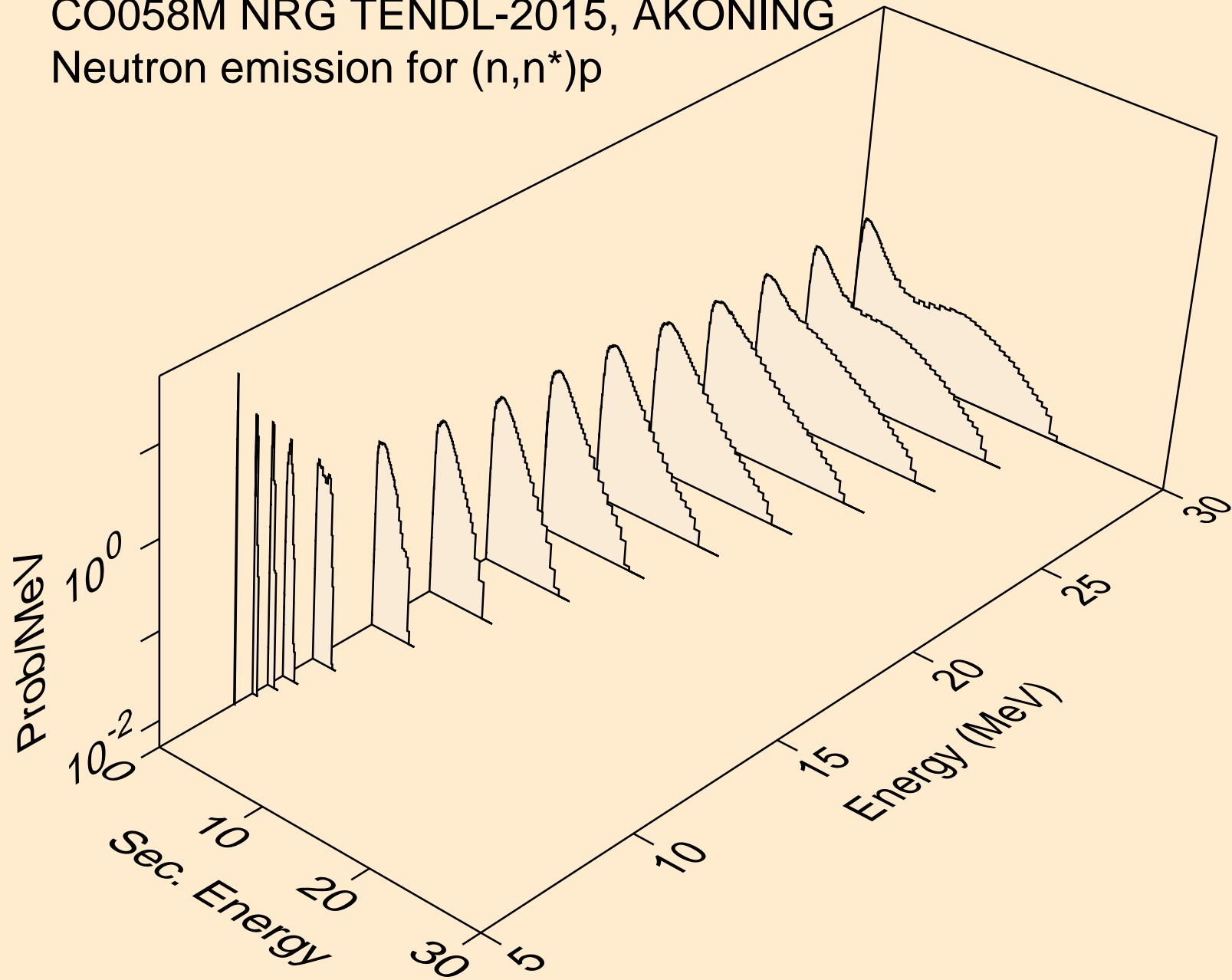
CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



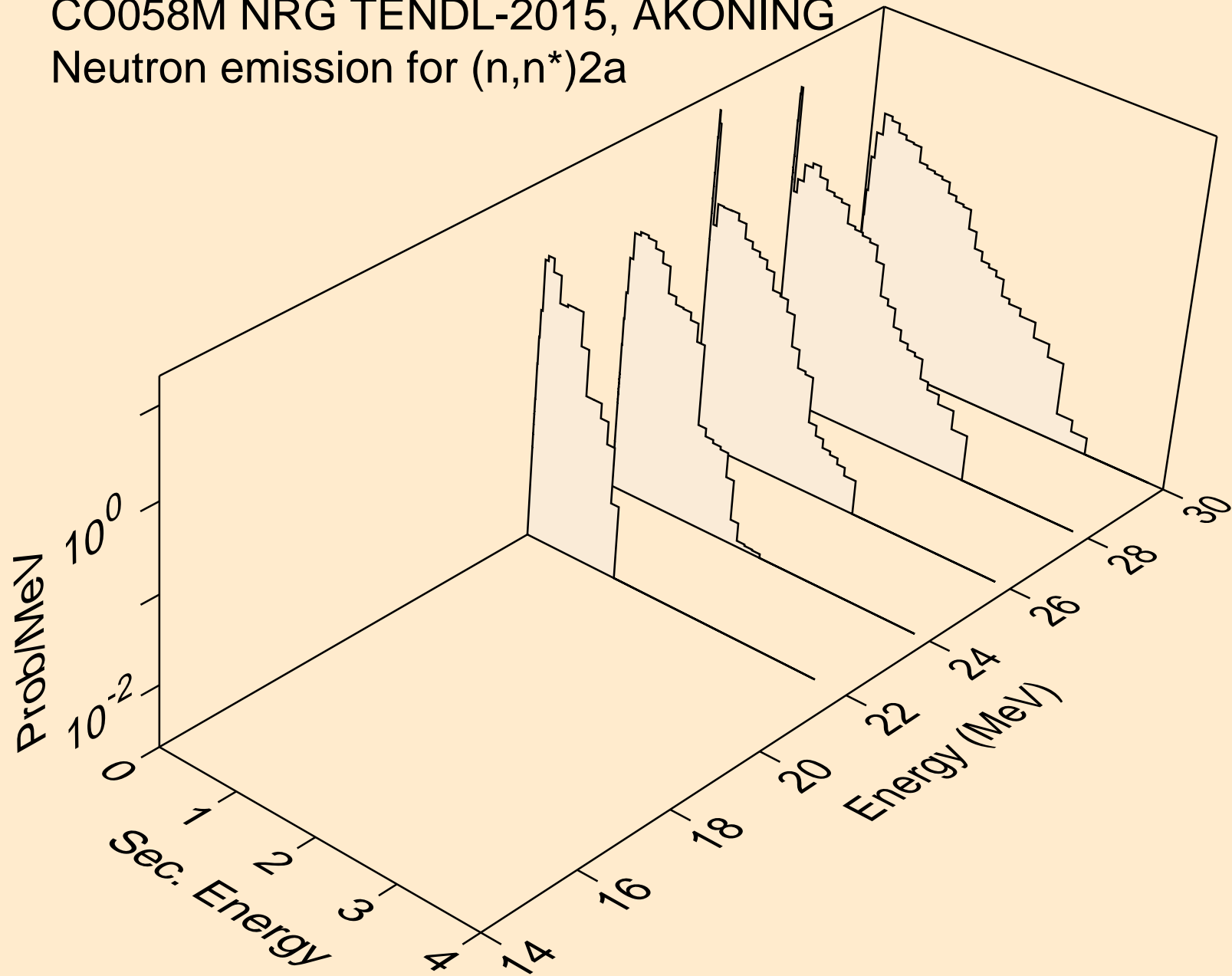
CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



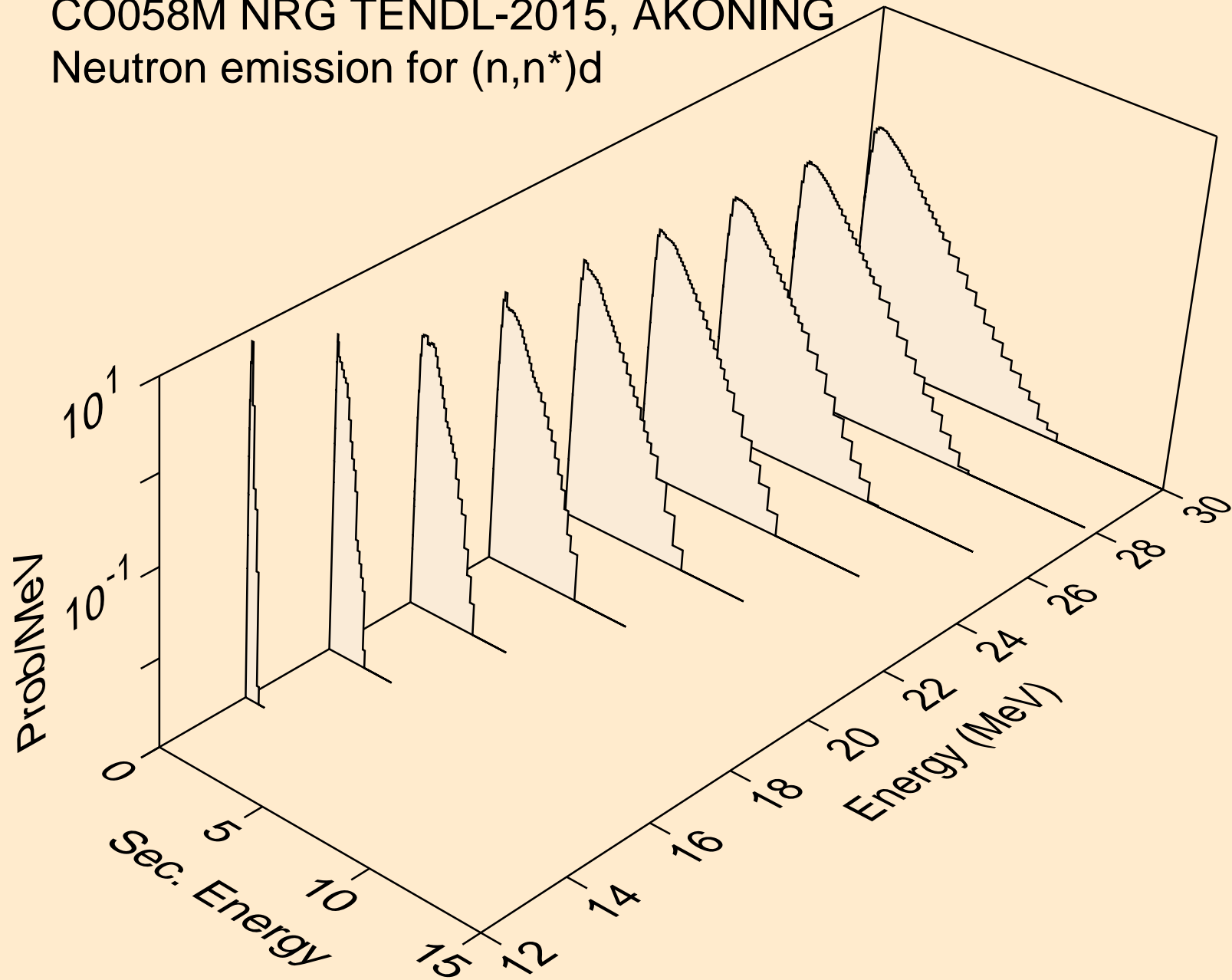
CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



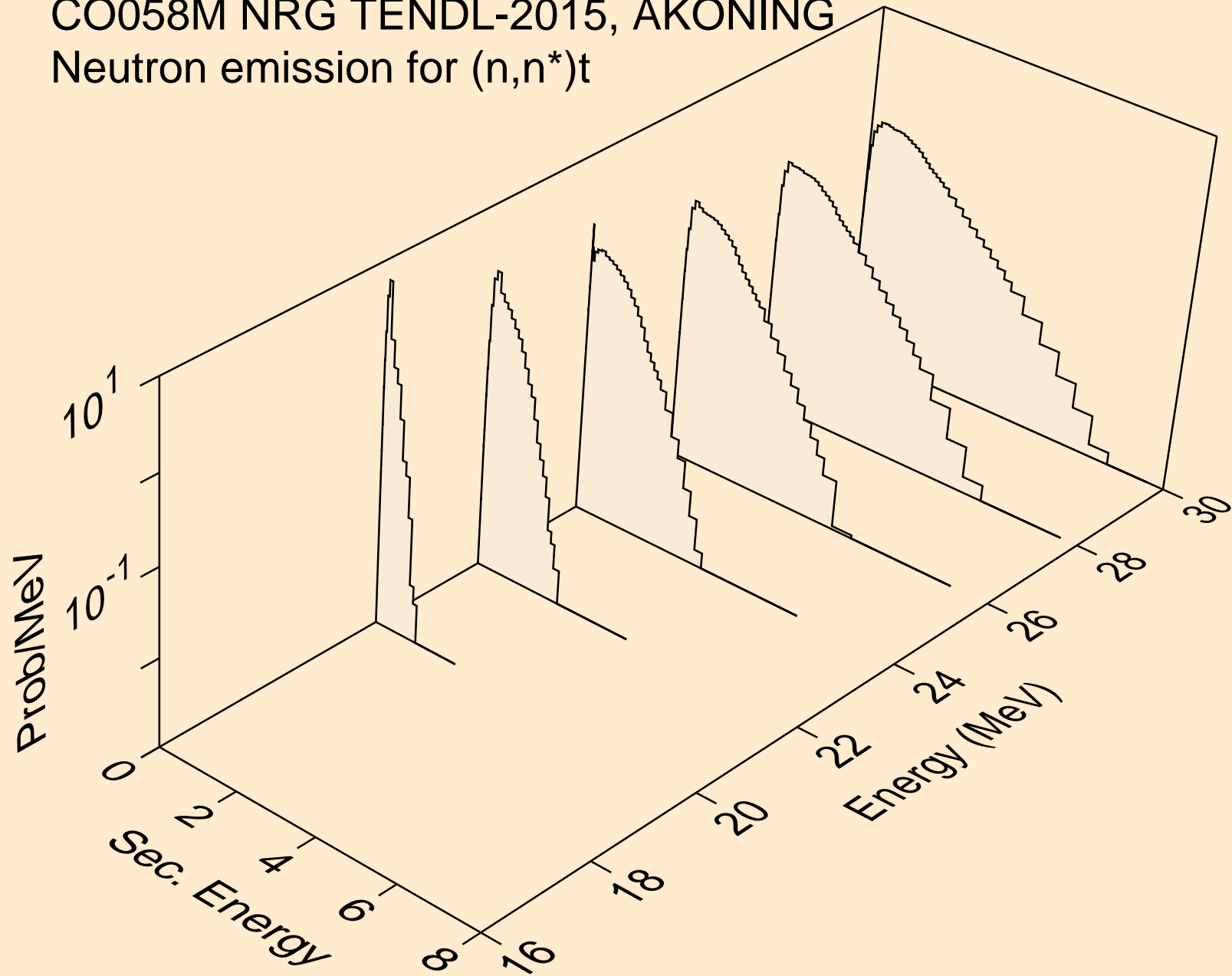
CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

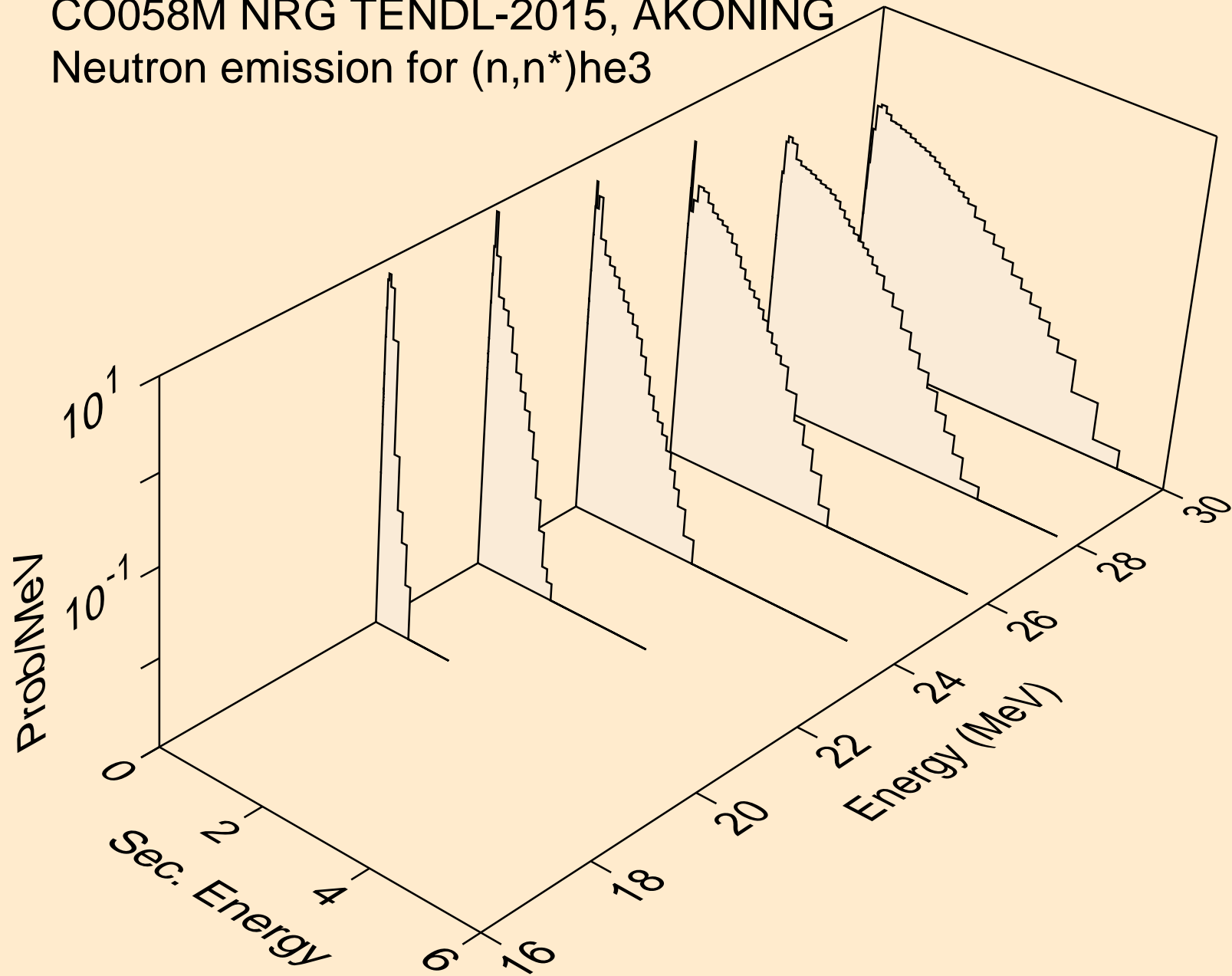


CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

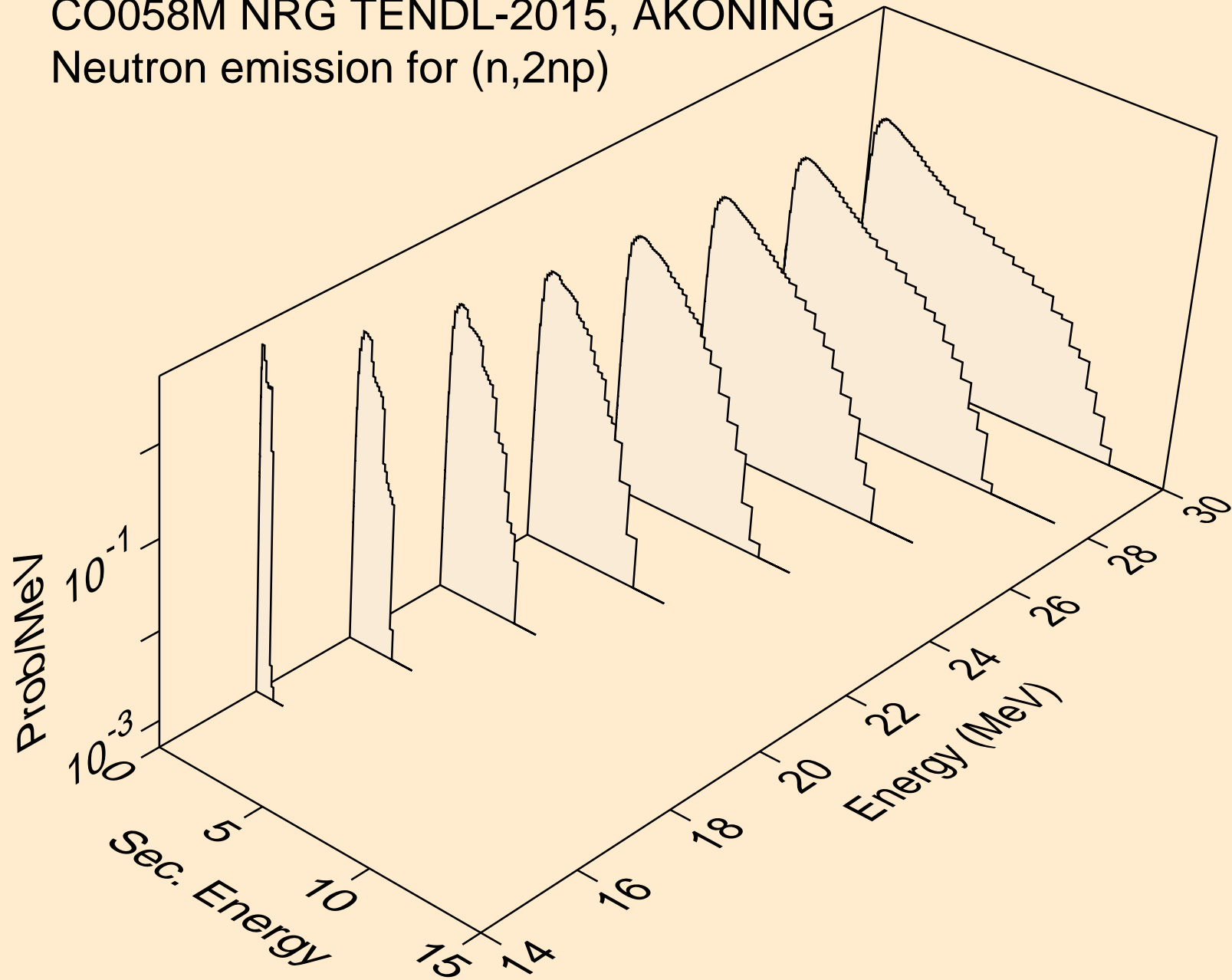




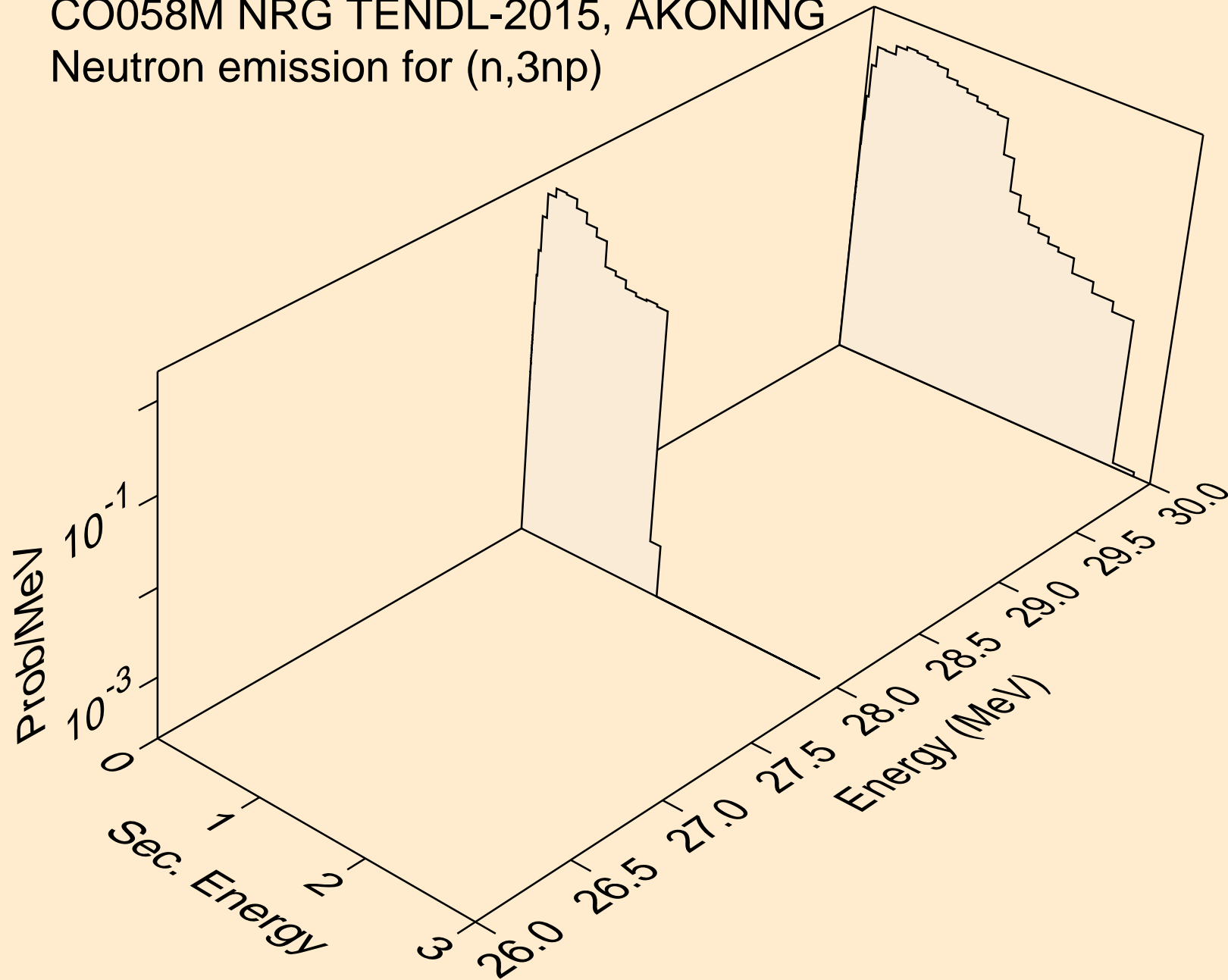
CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



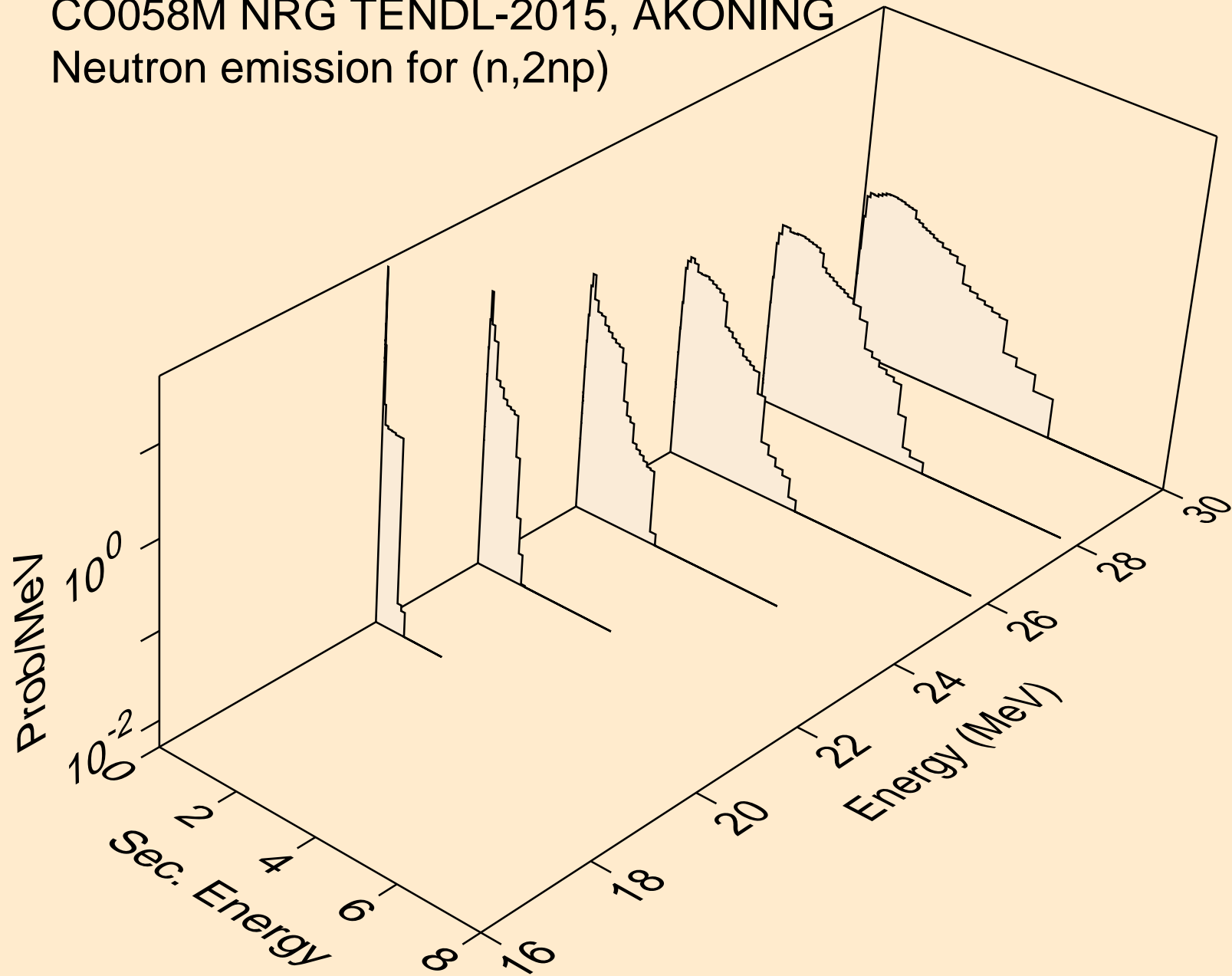
CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



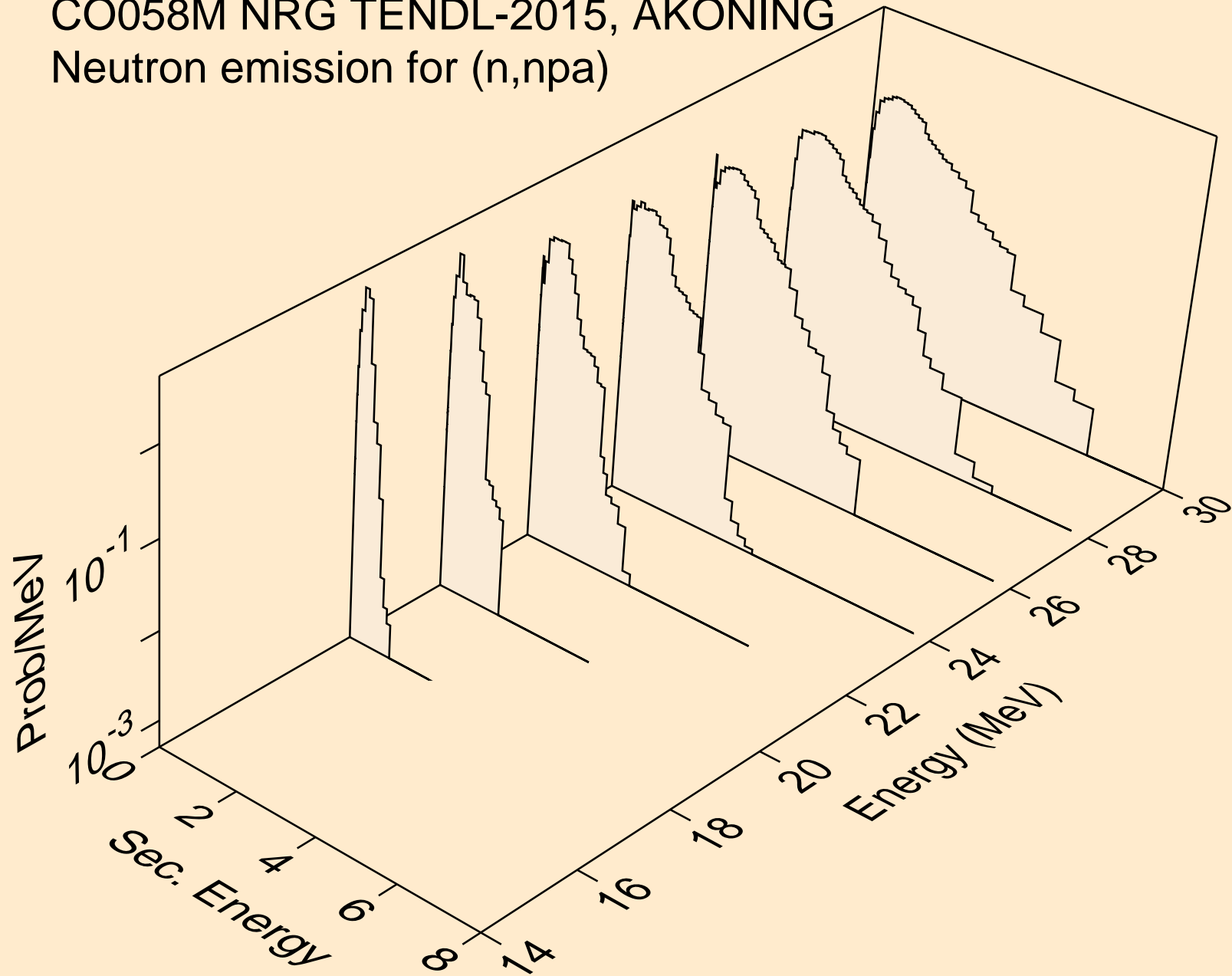
CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



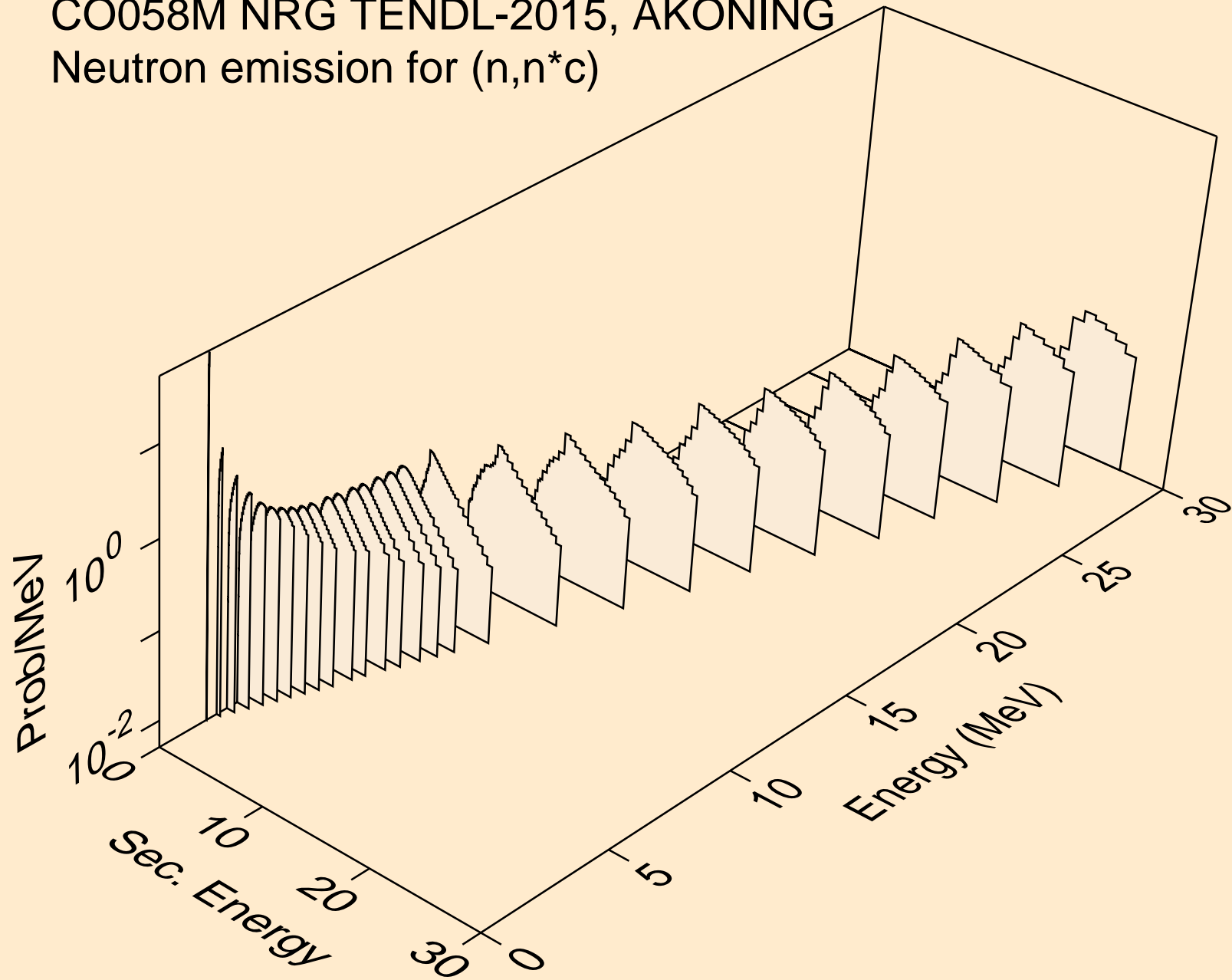
CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



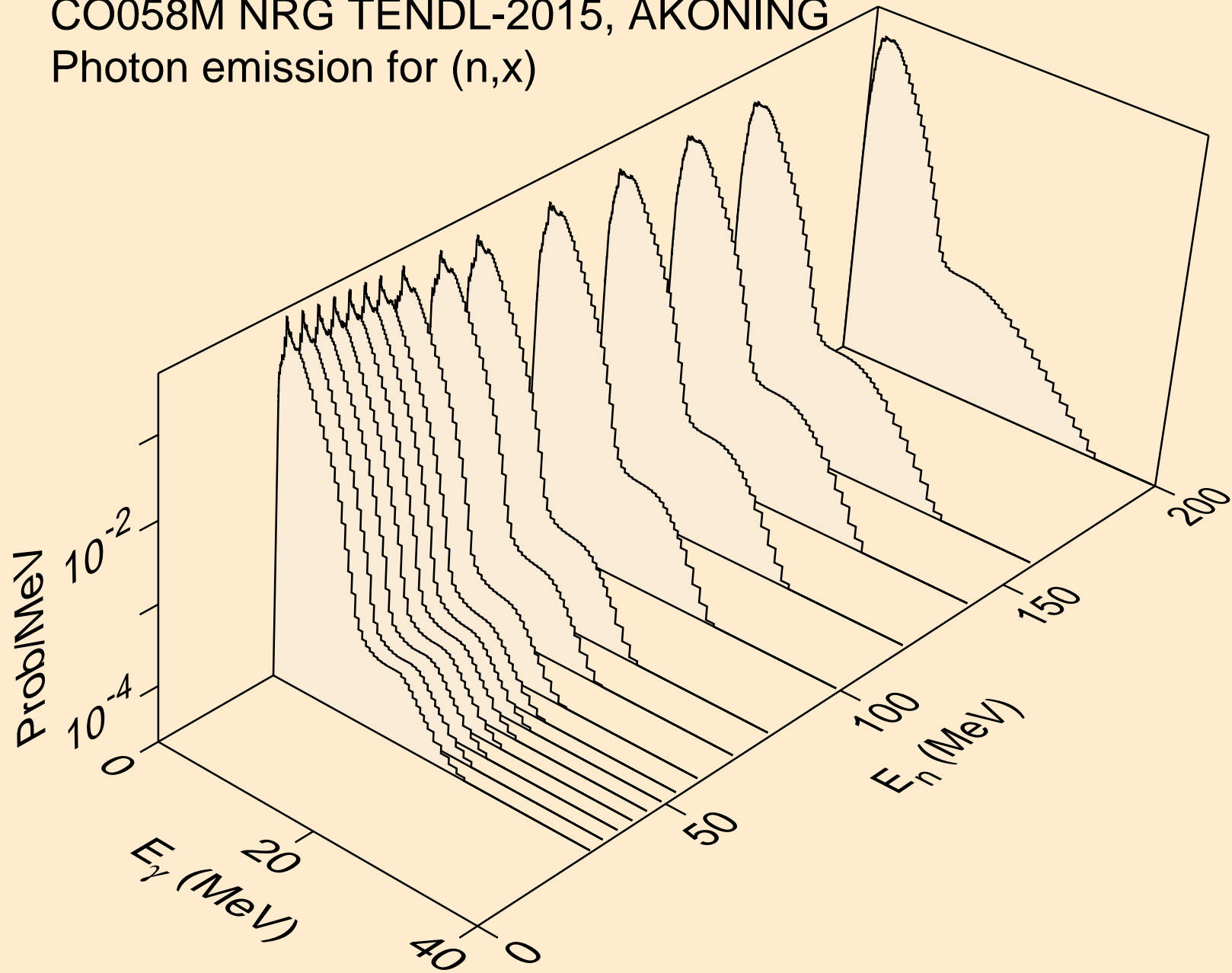
CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



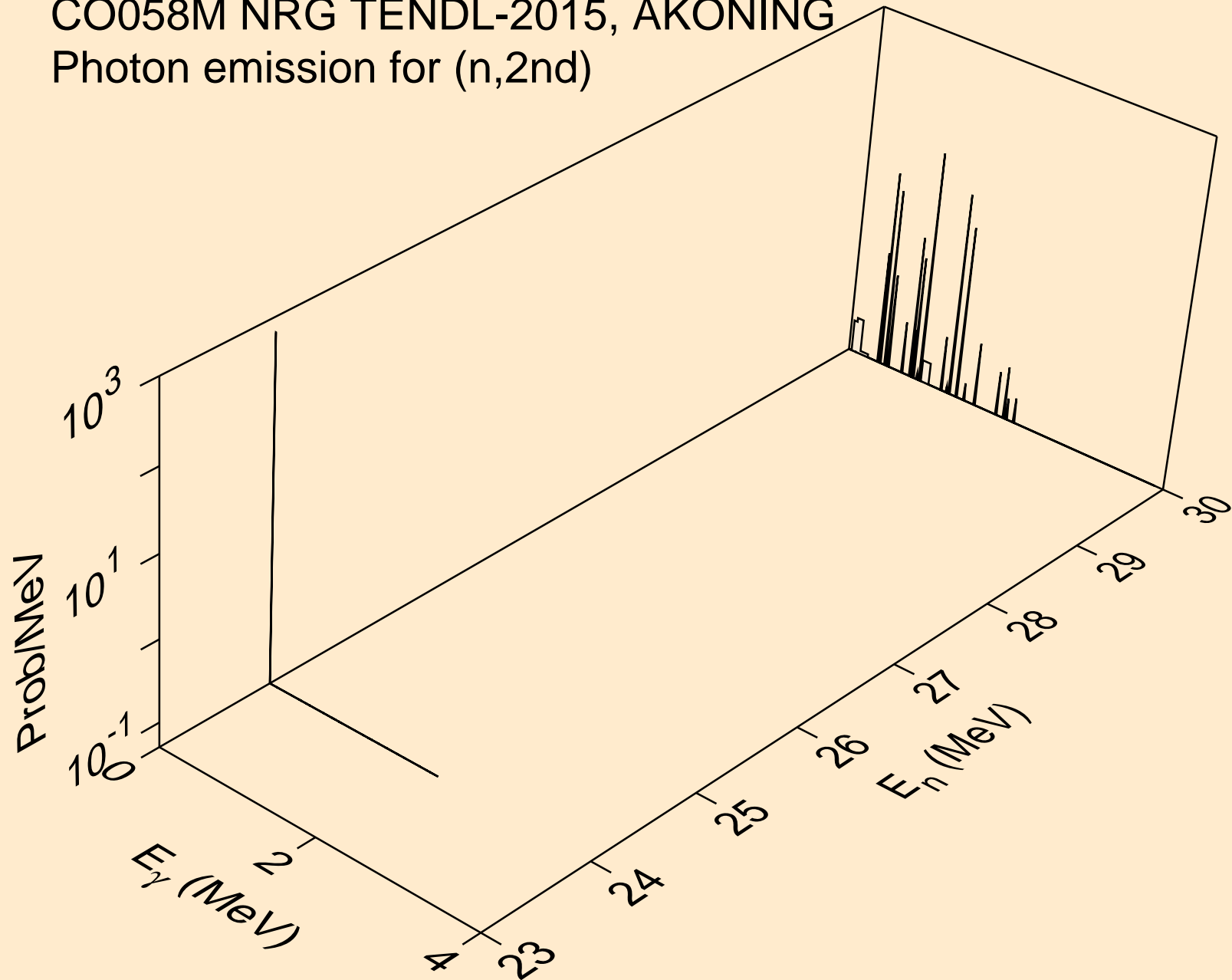
CO058M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,x)

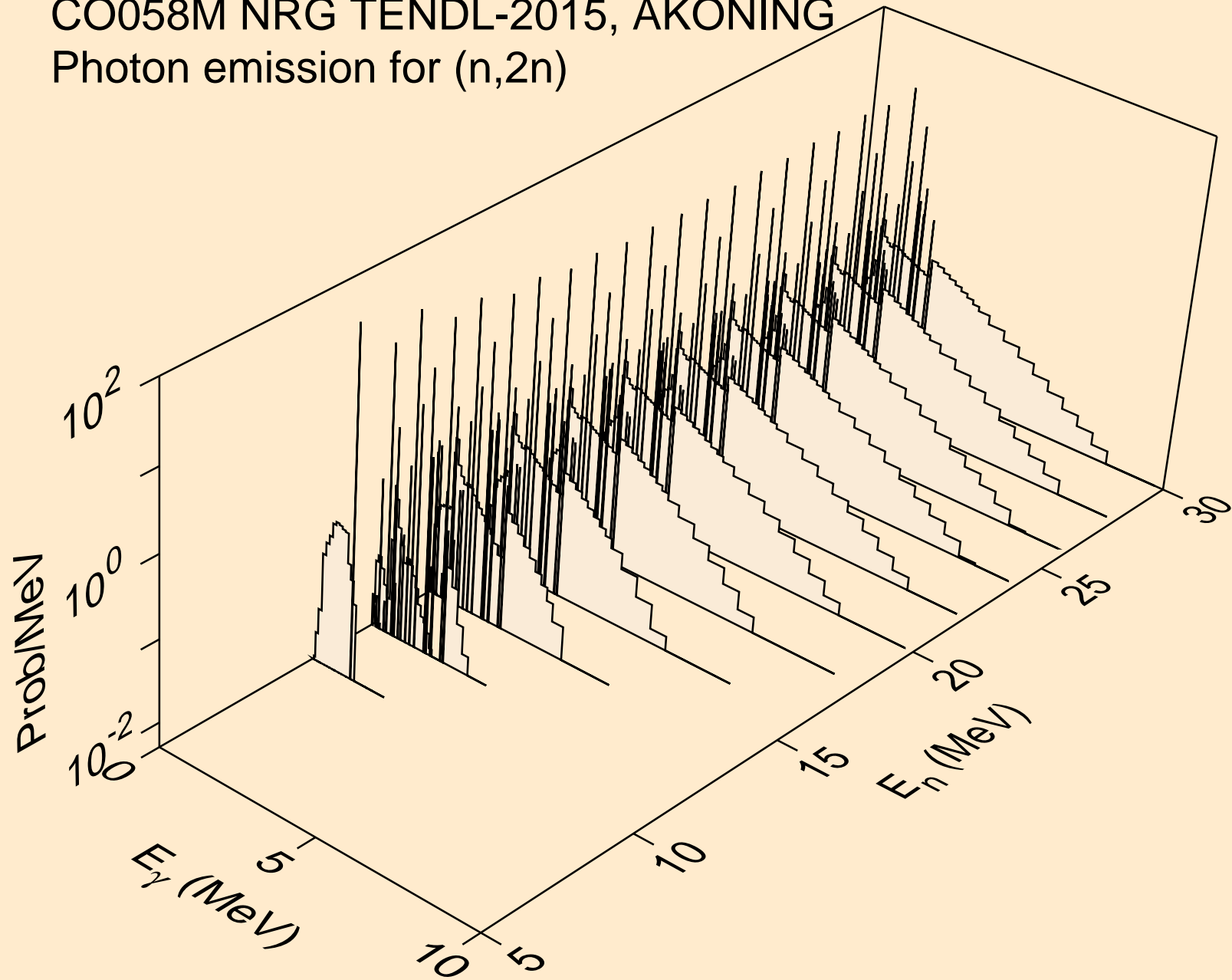


CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

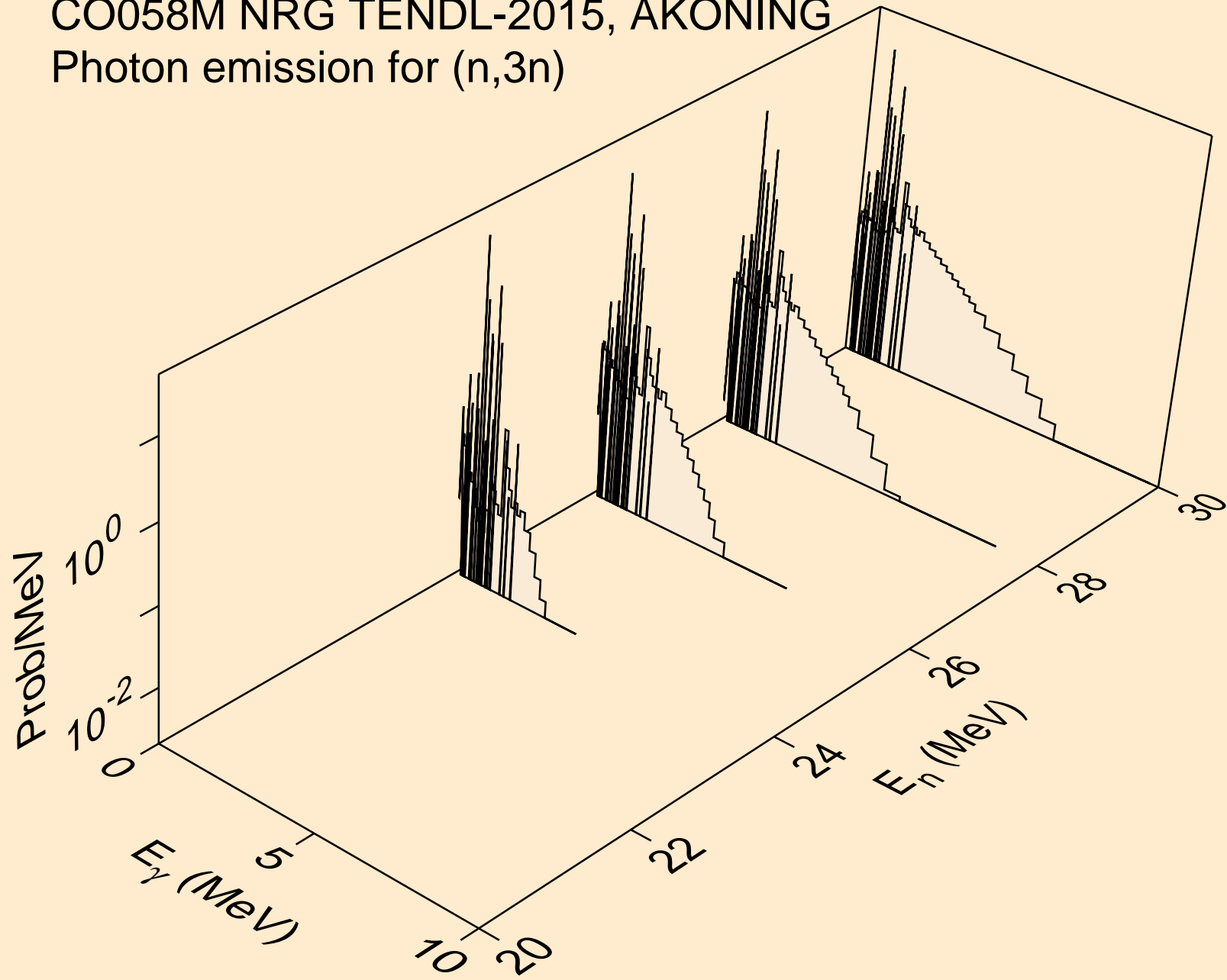




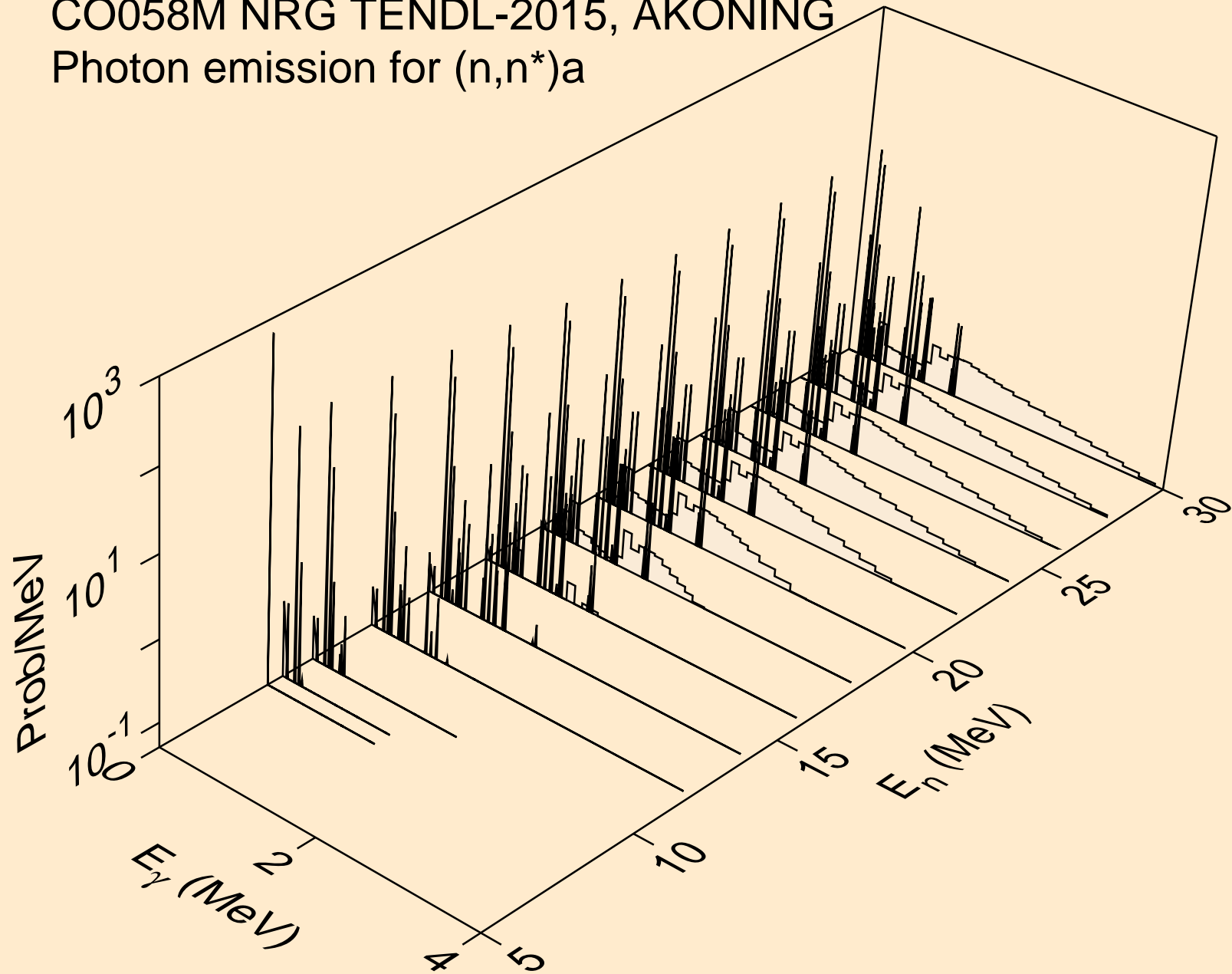
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



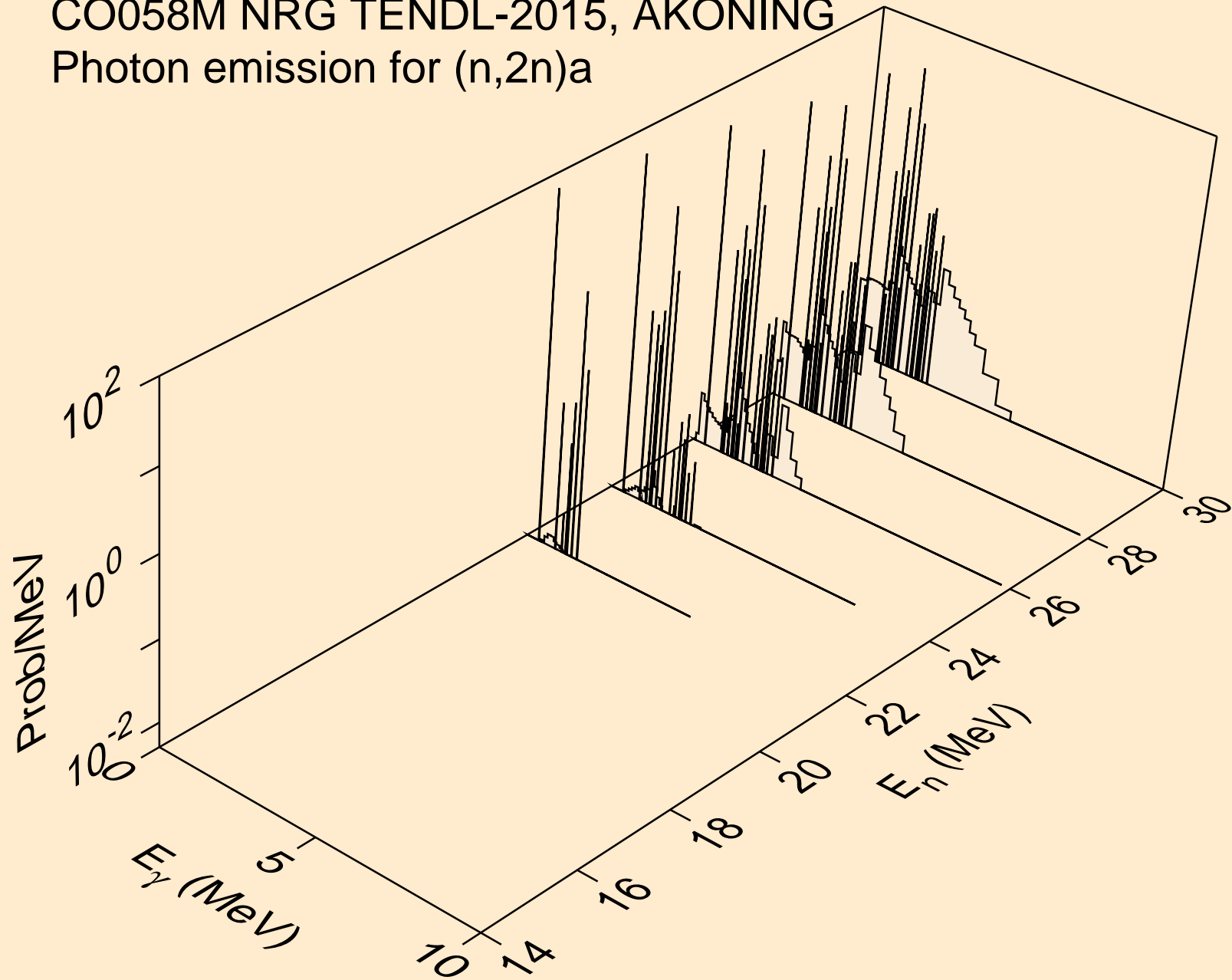
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



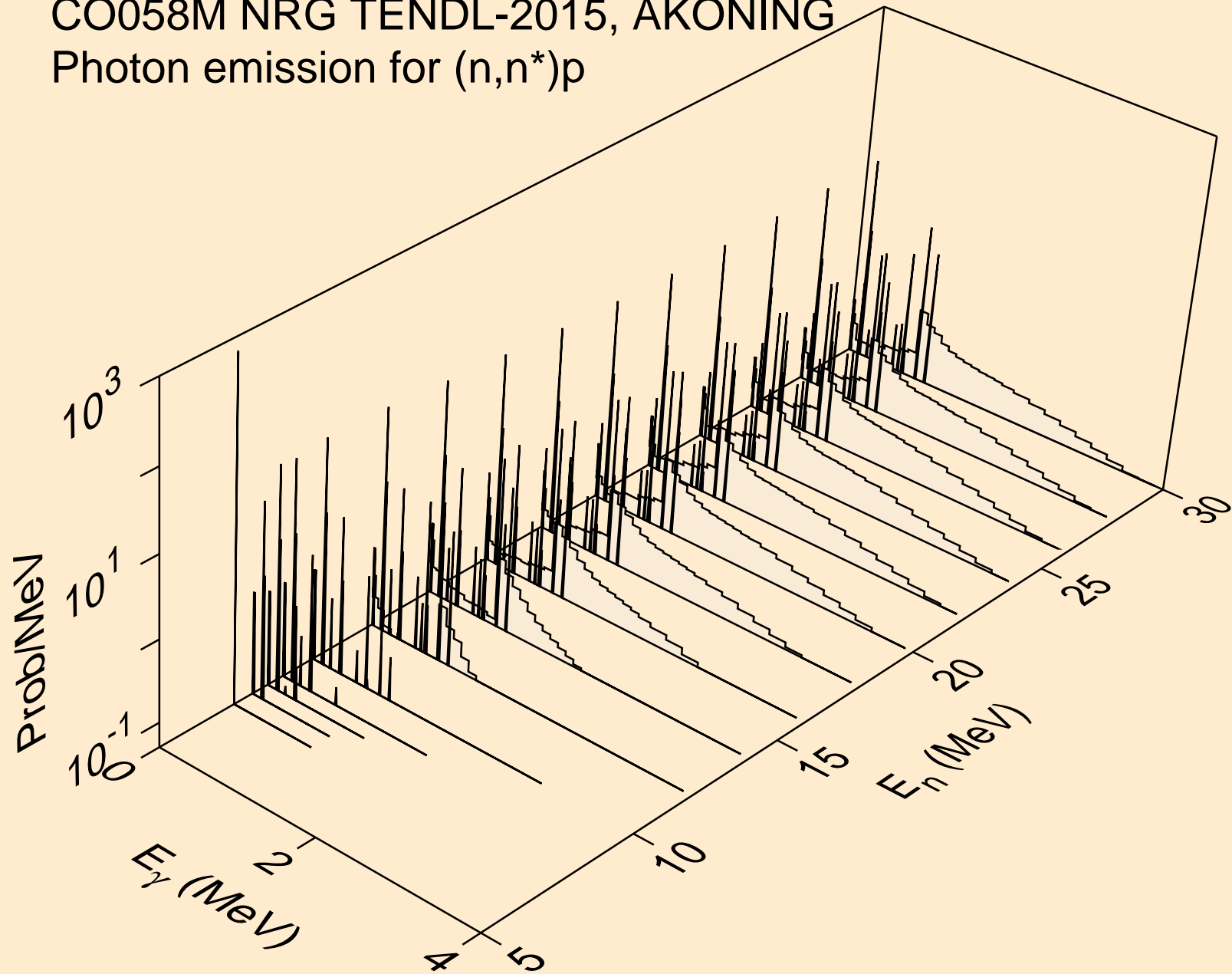
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



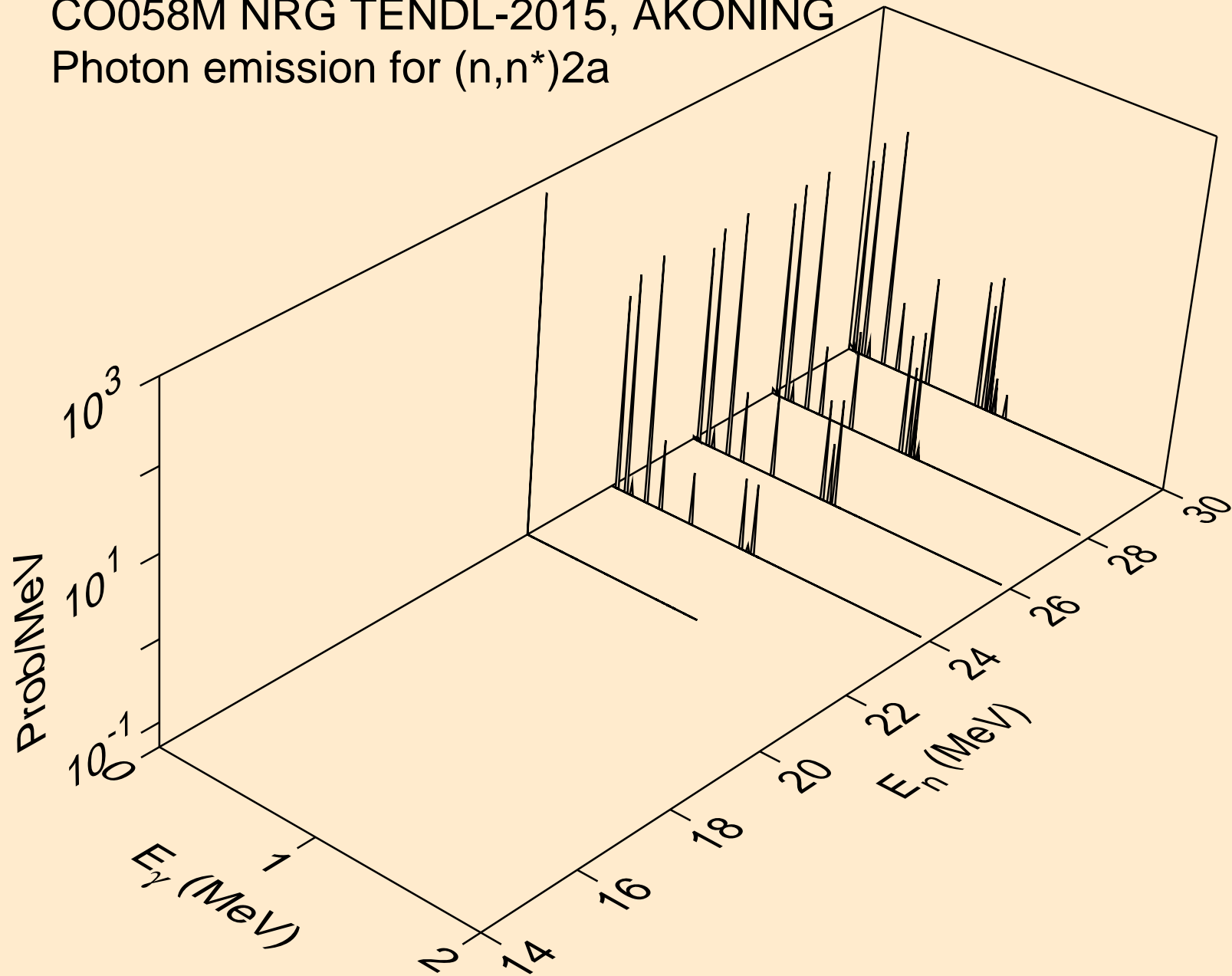
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



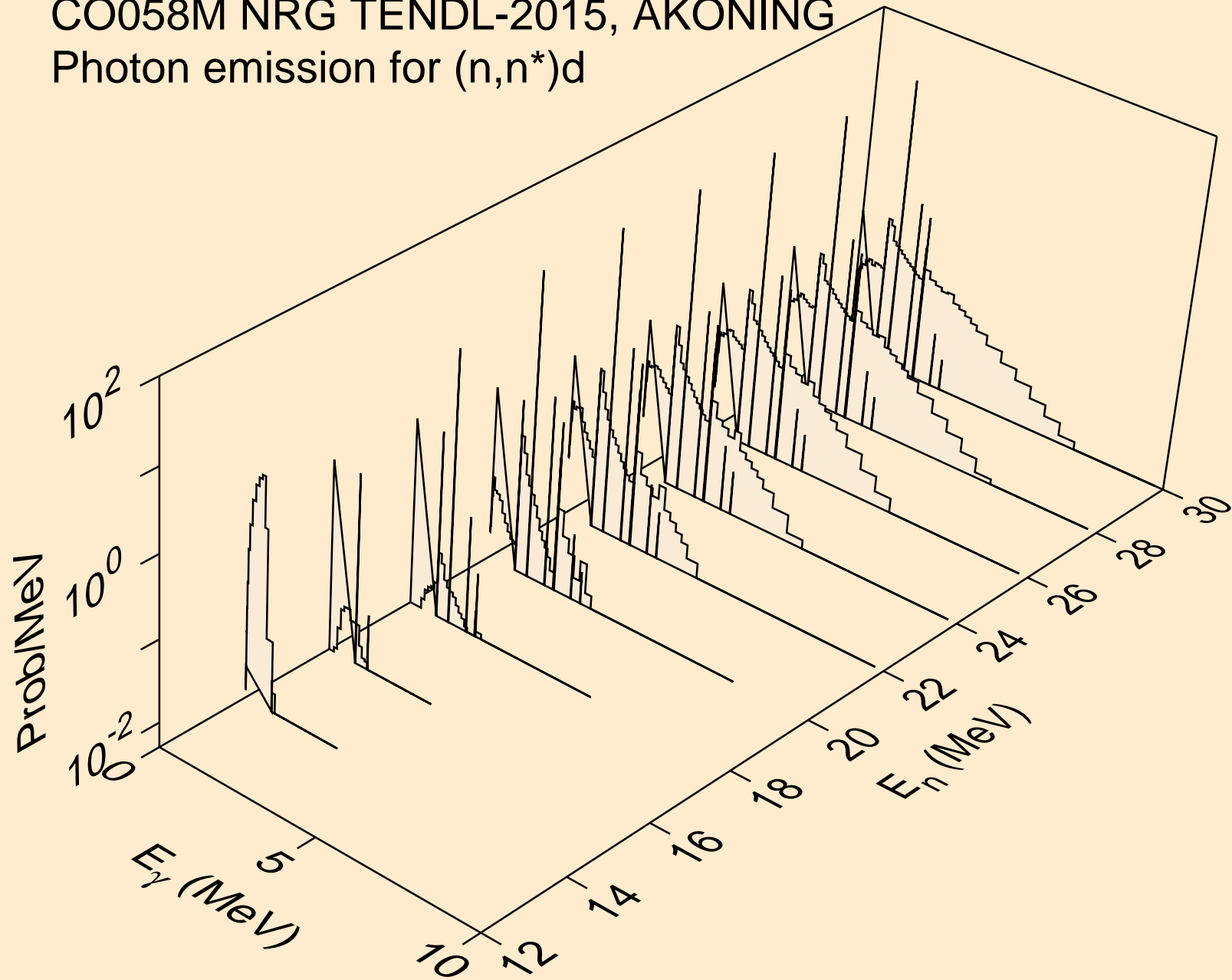
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



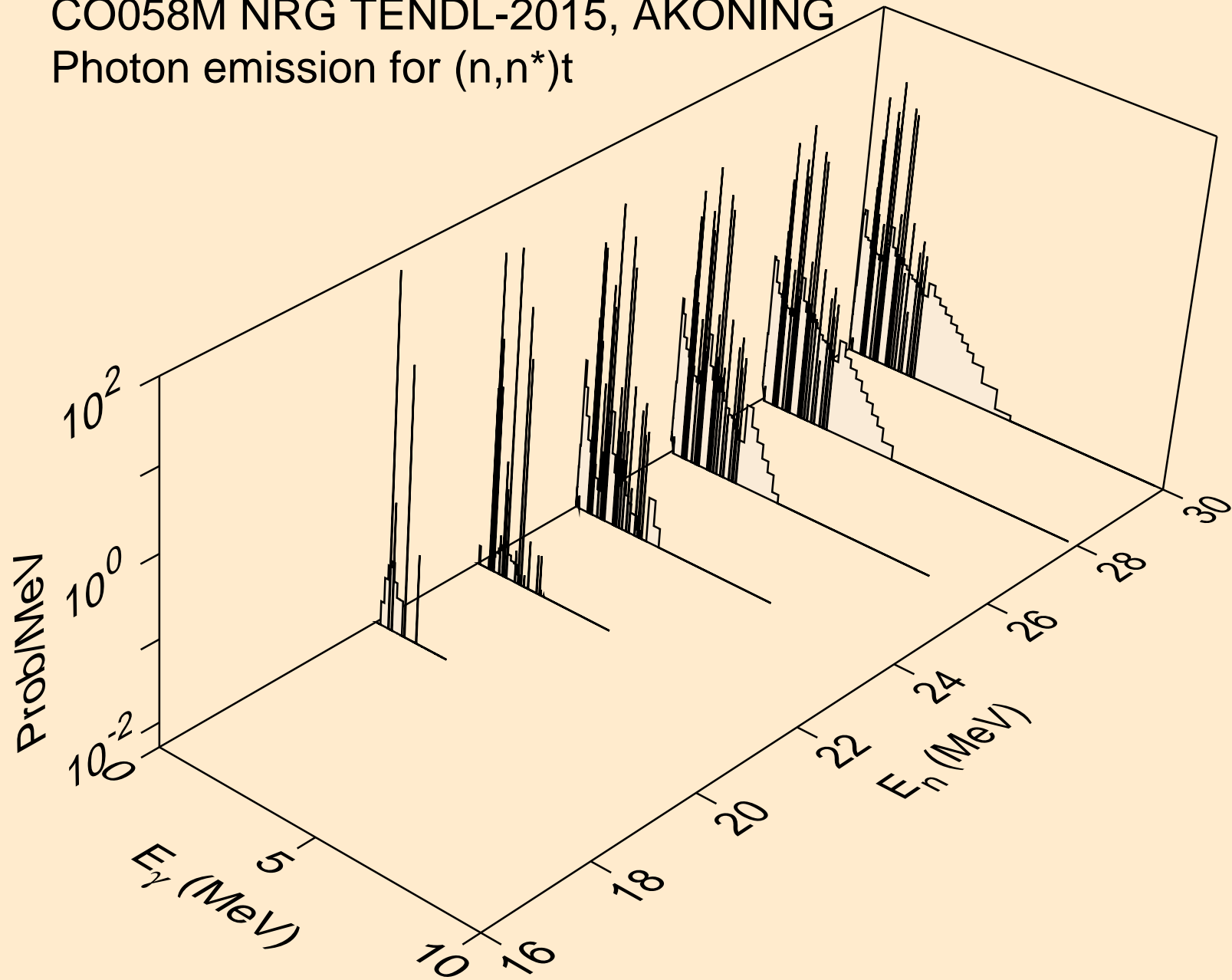
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

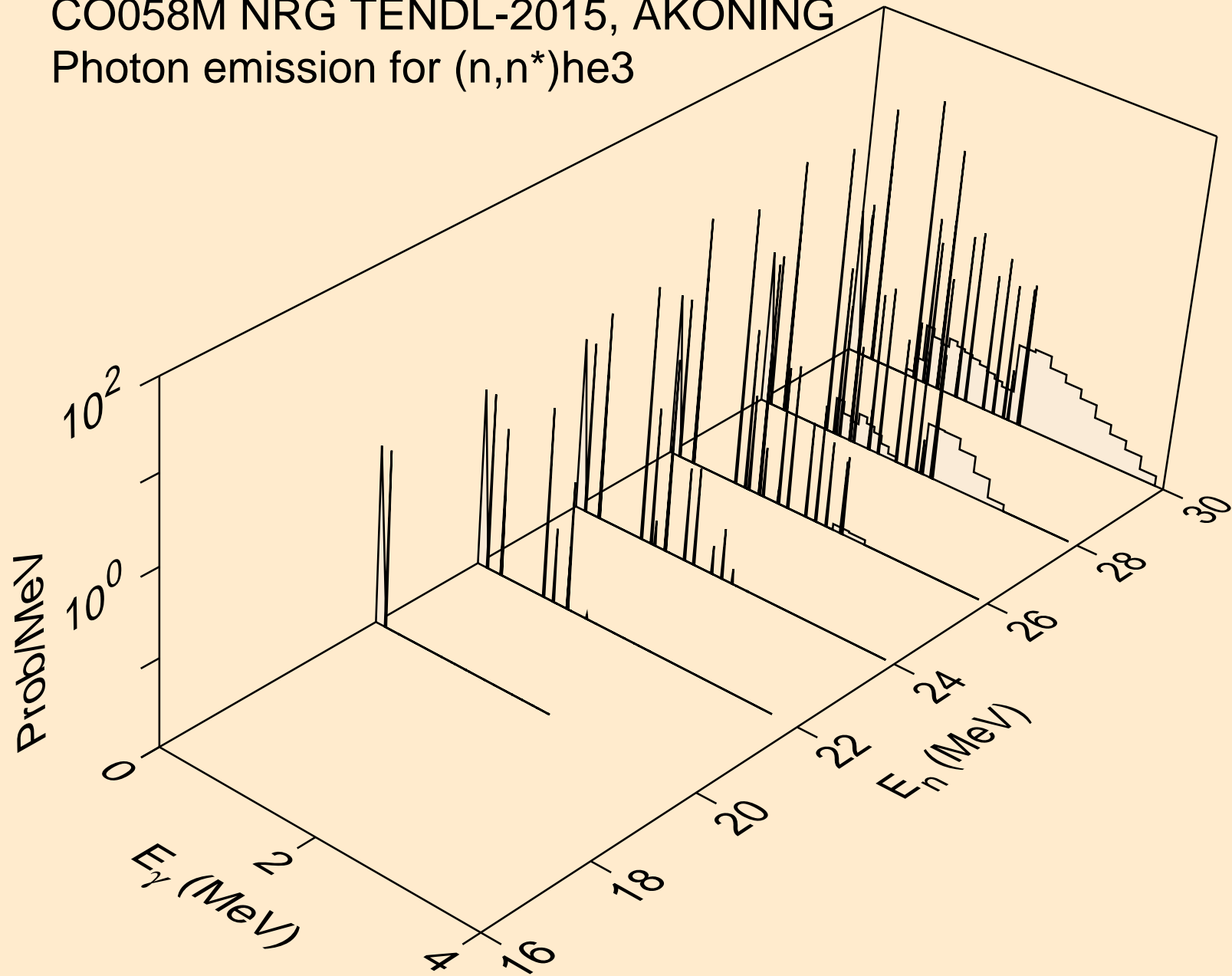


CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

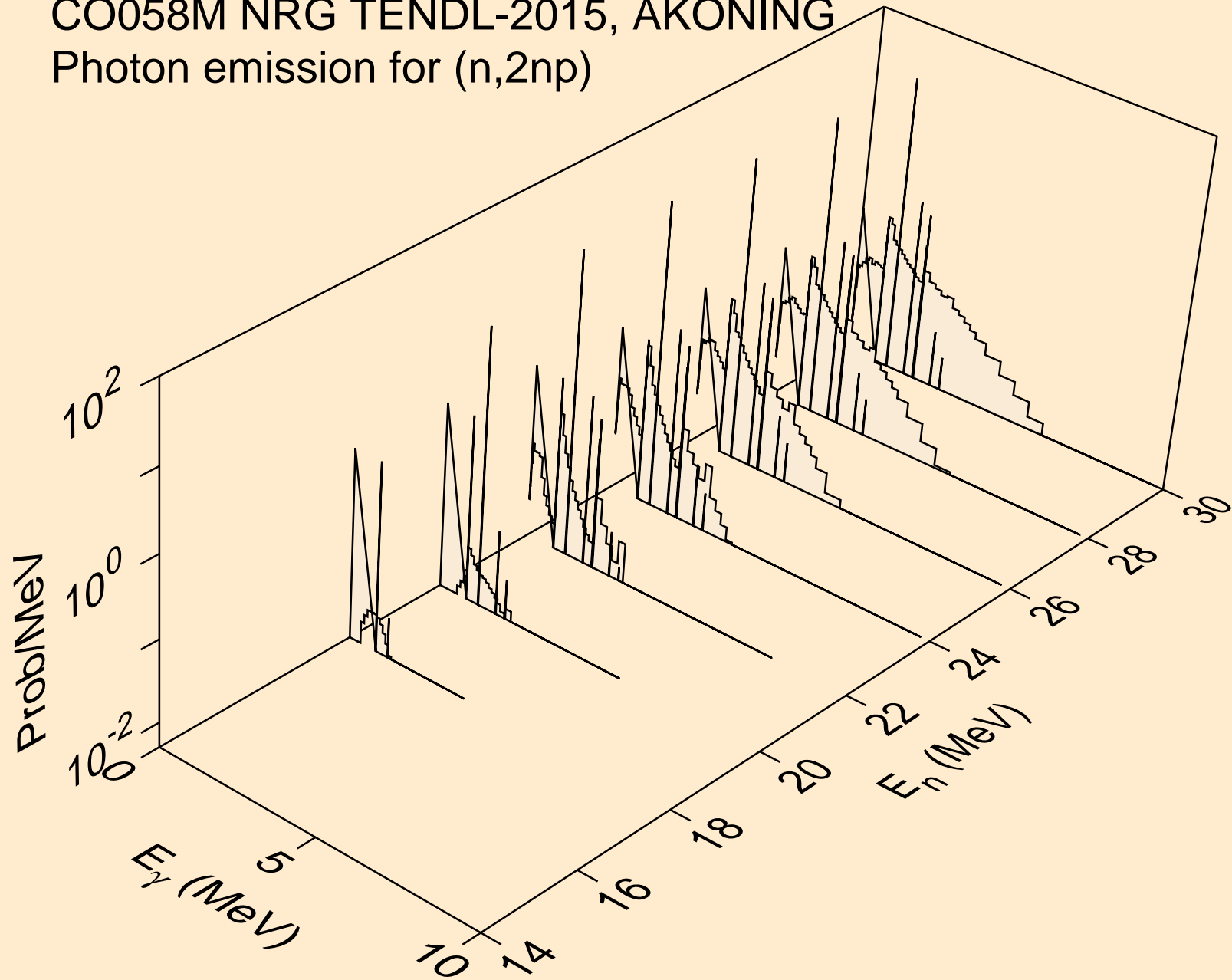




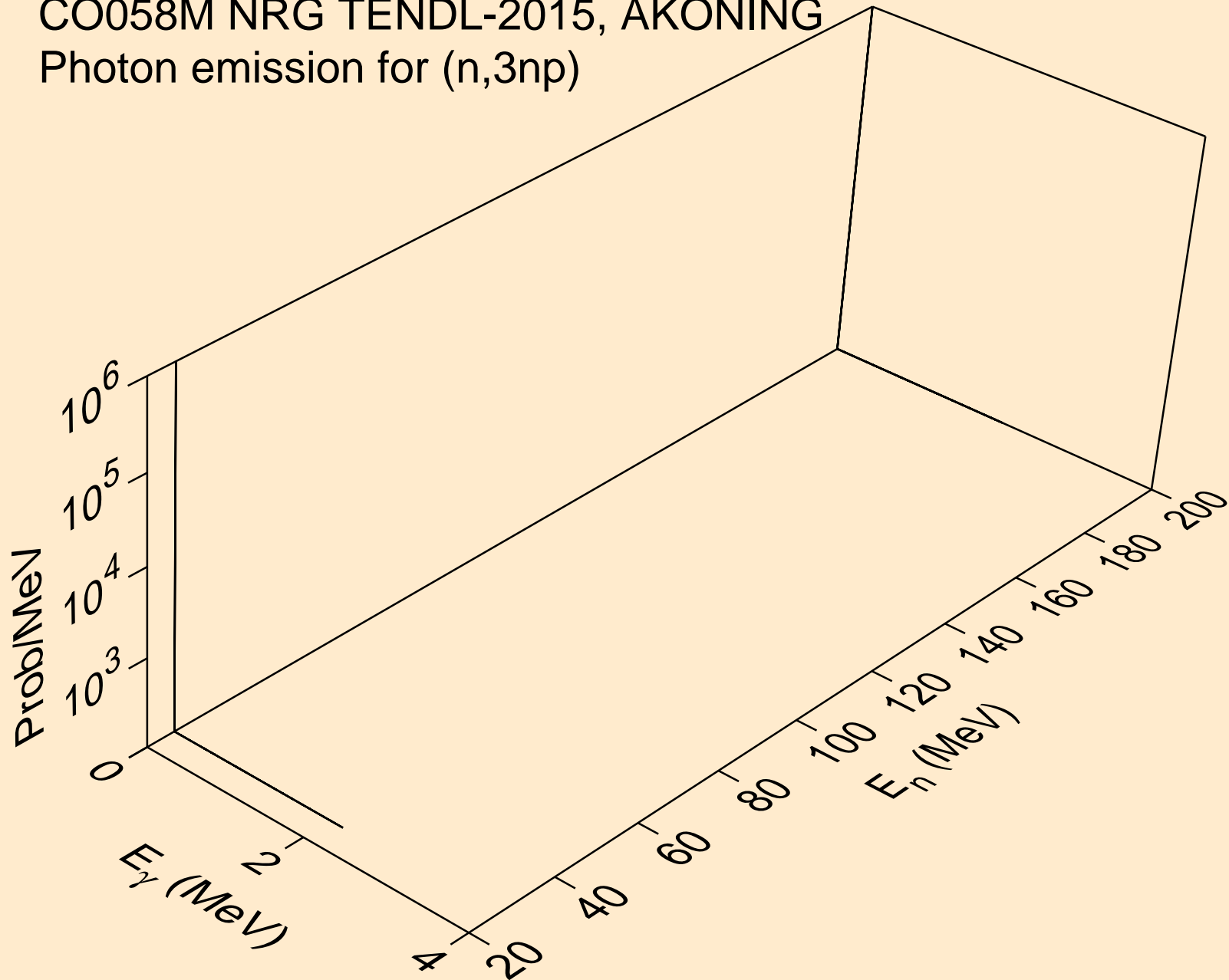
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



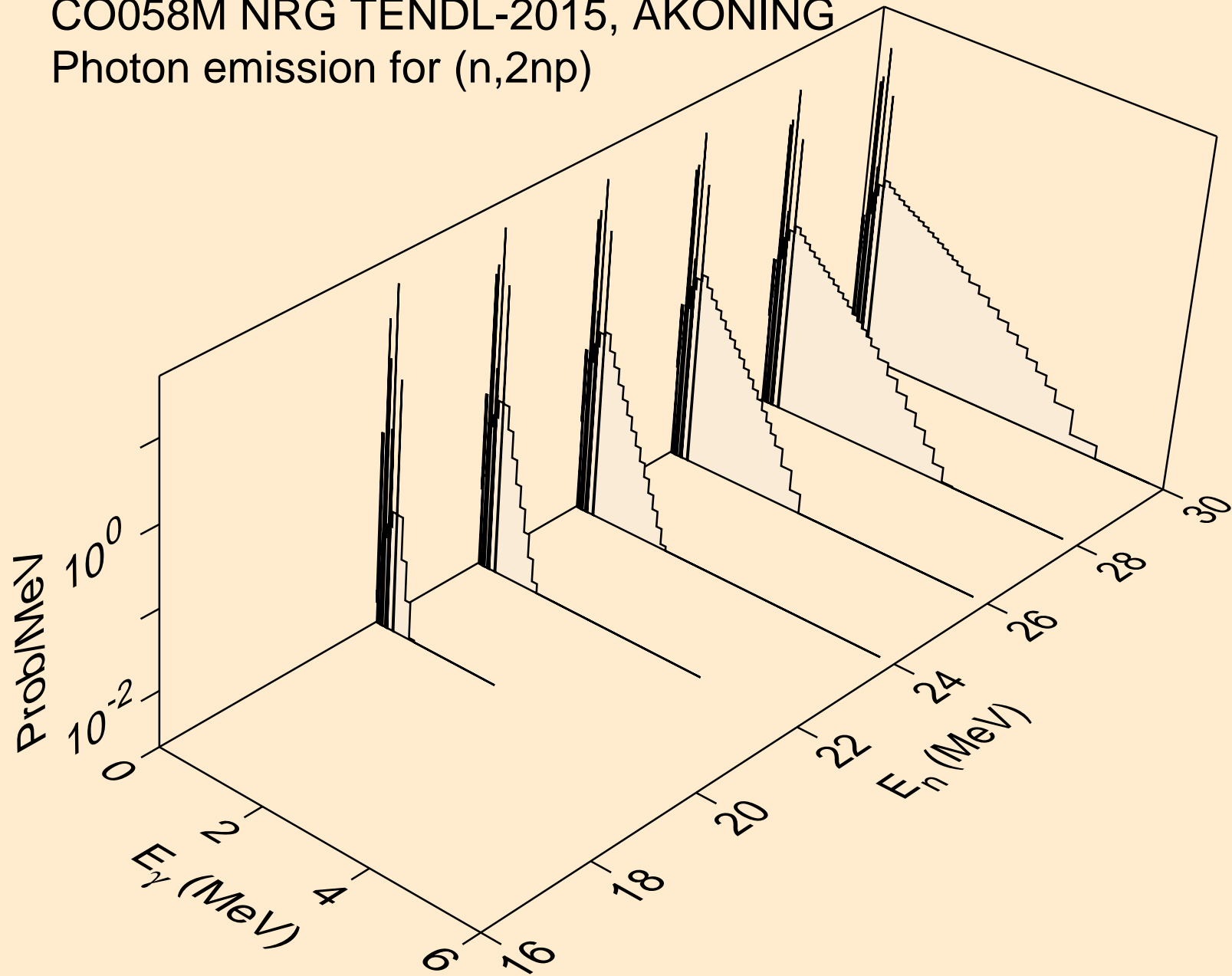
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



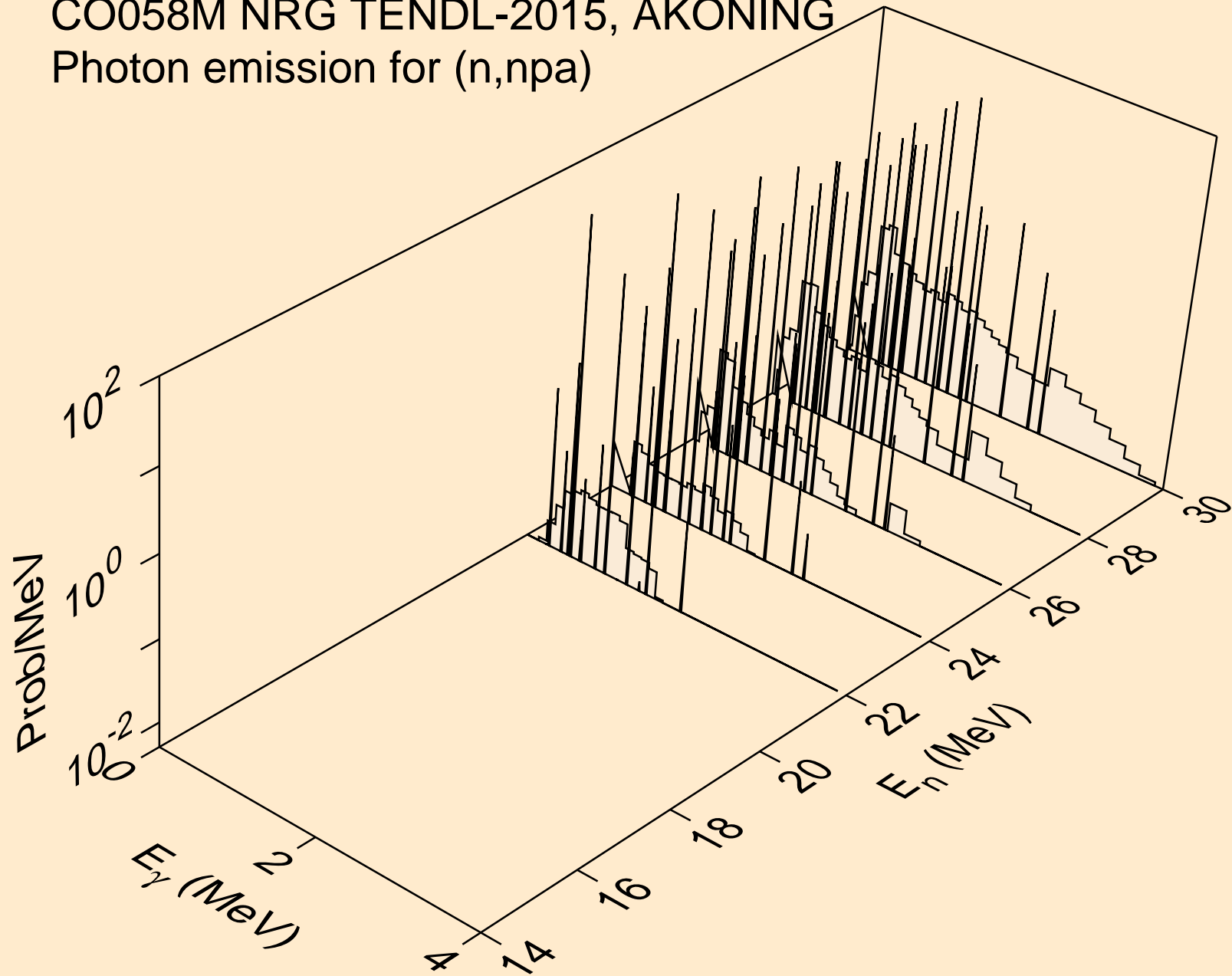
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Photon emission for (n,3np)



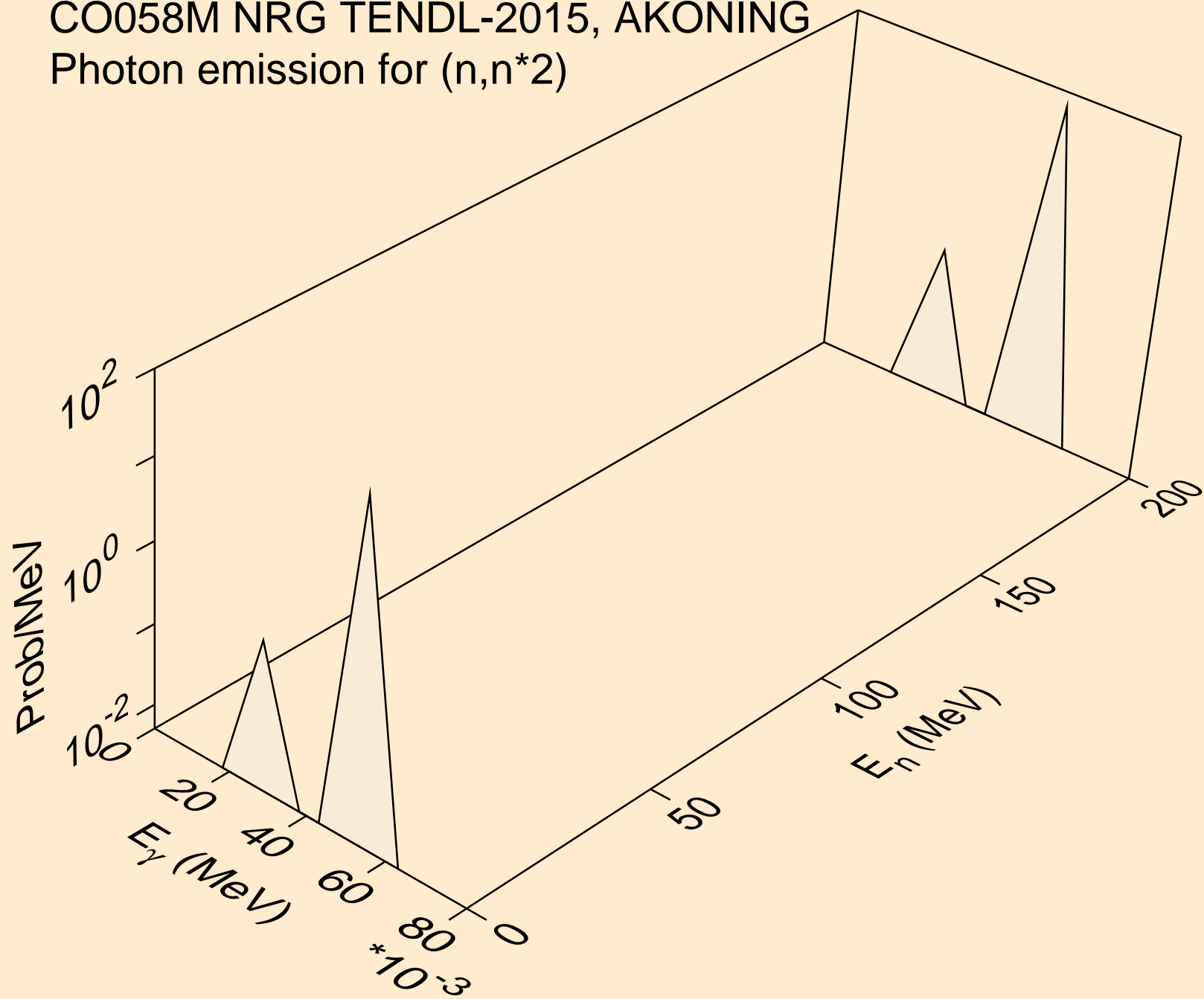
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



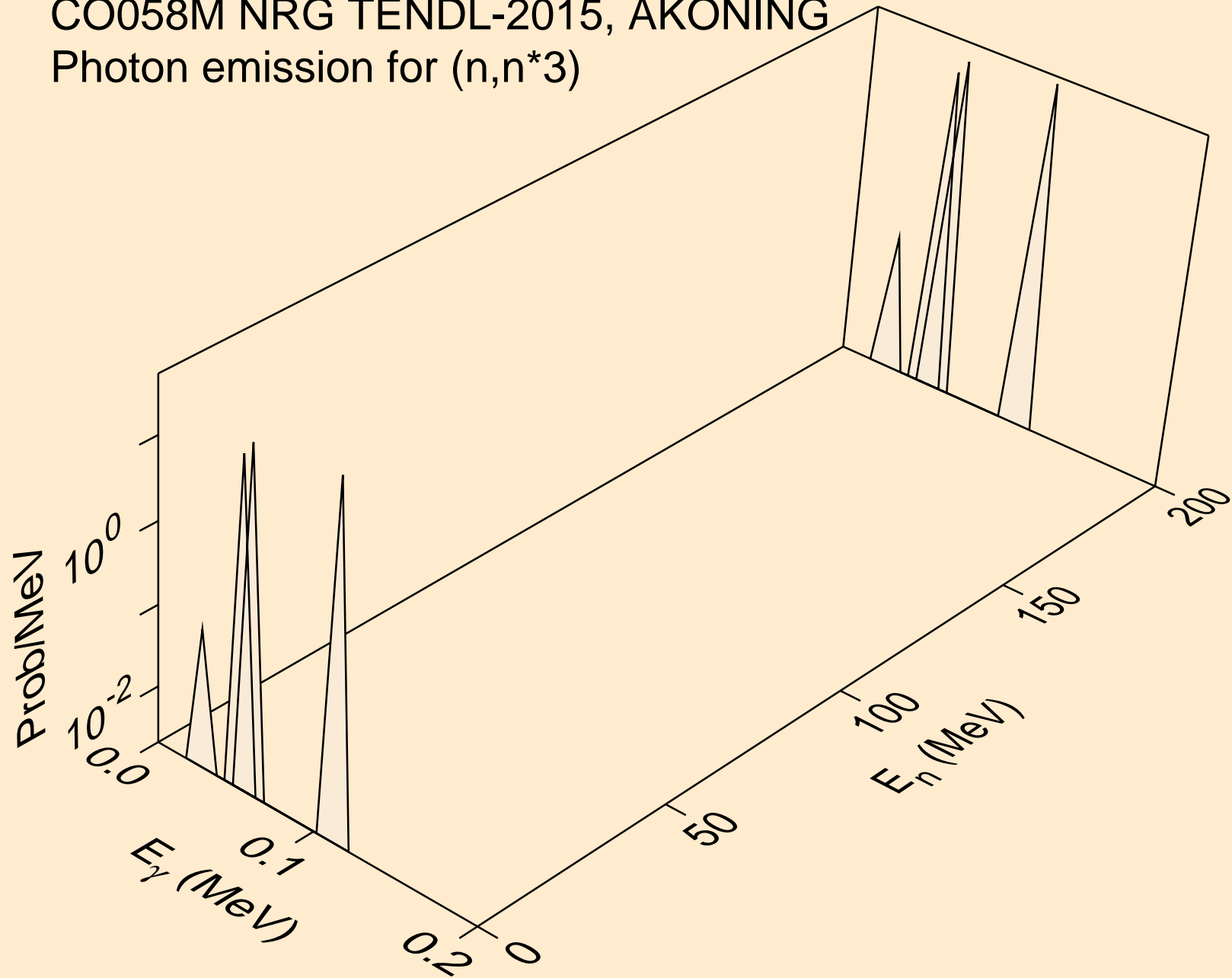
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



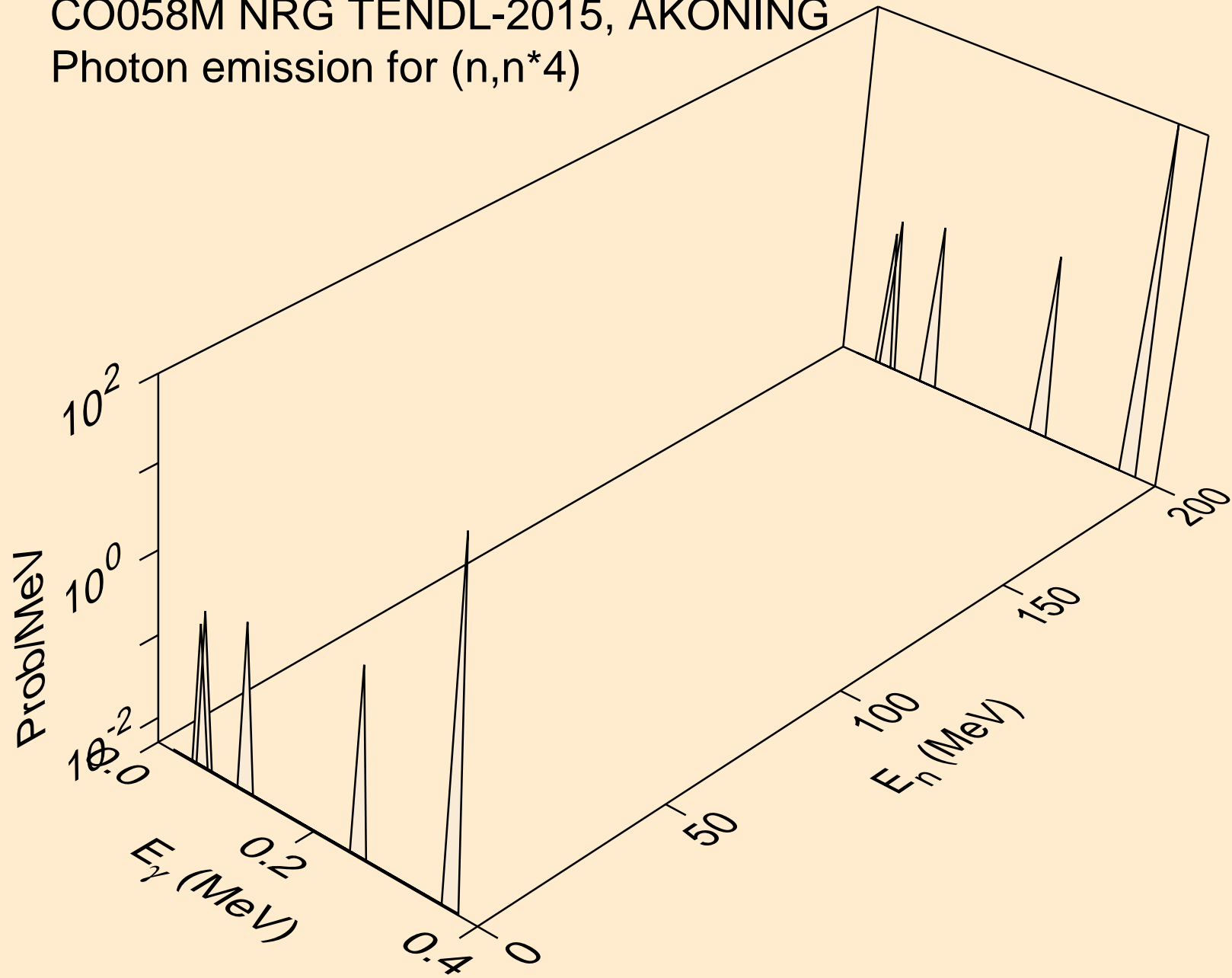
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)

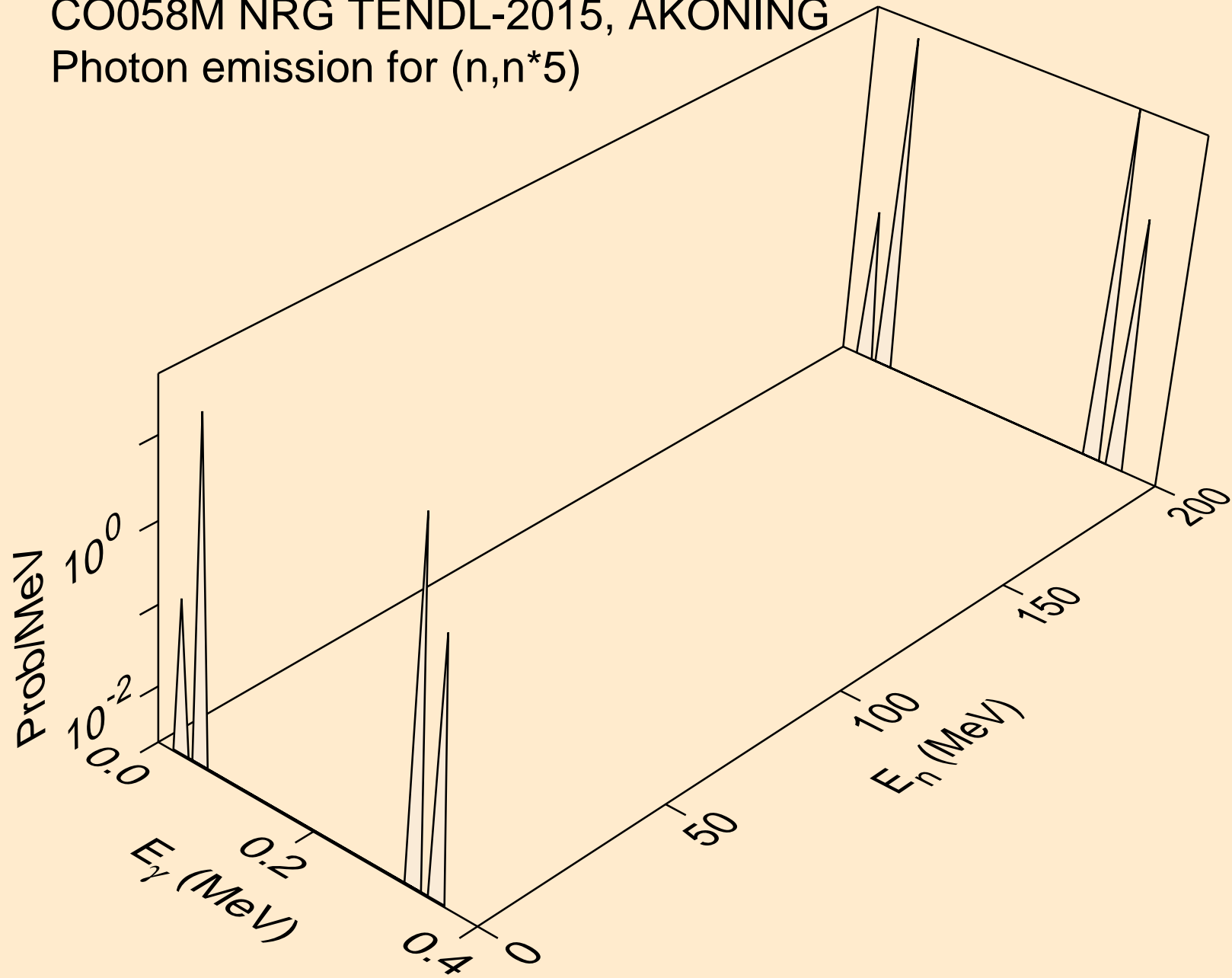


CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)

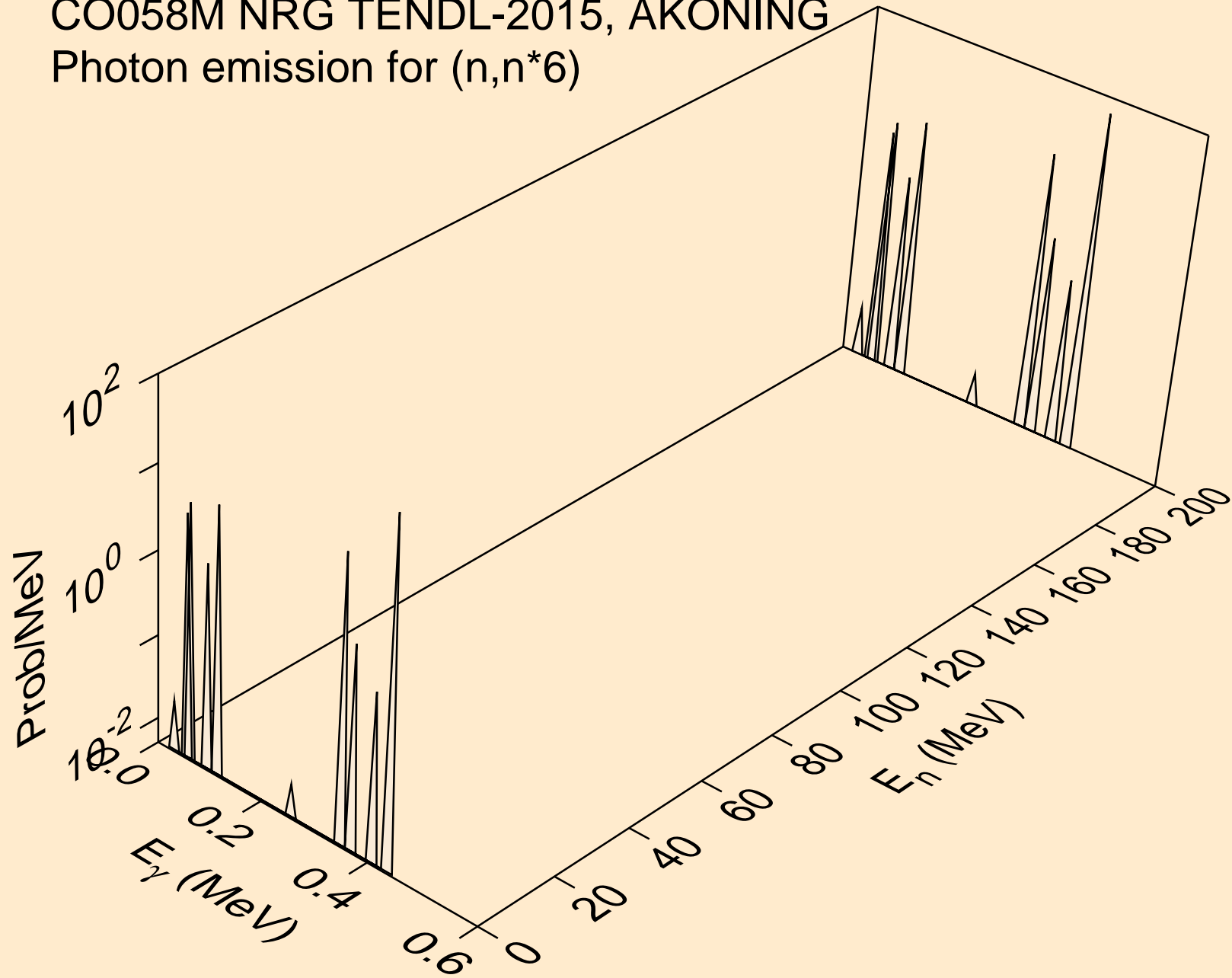




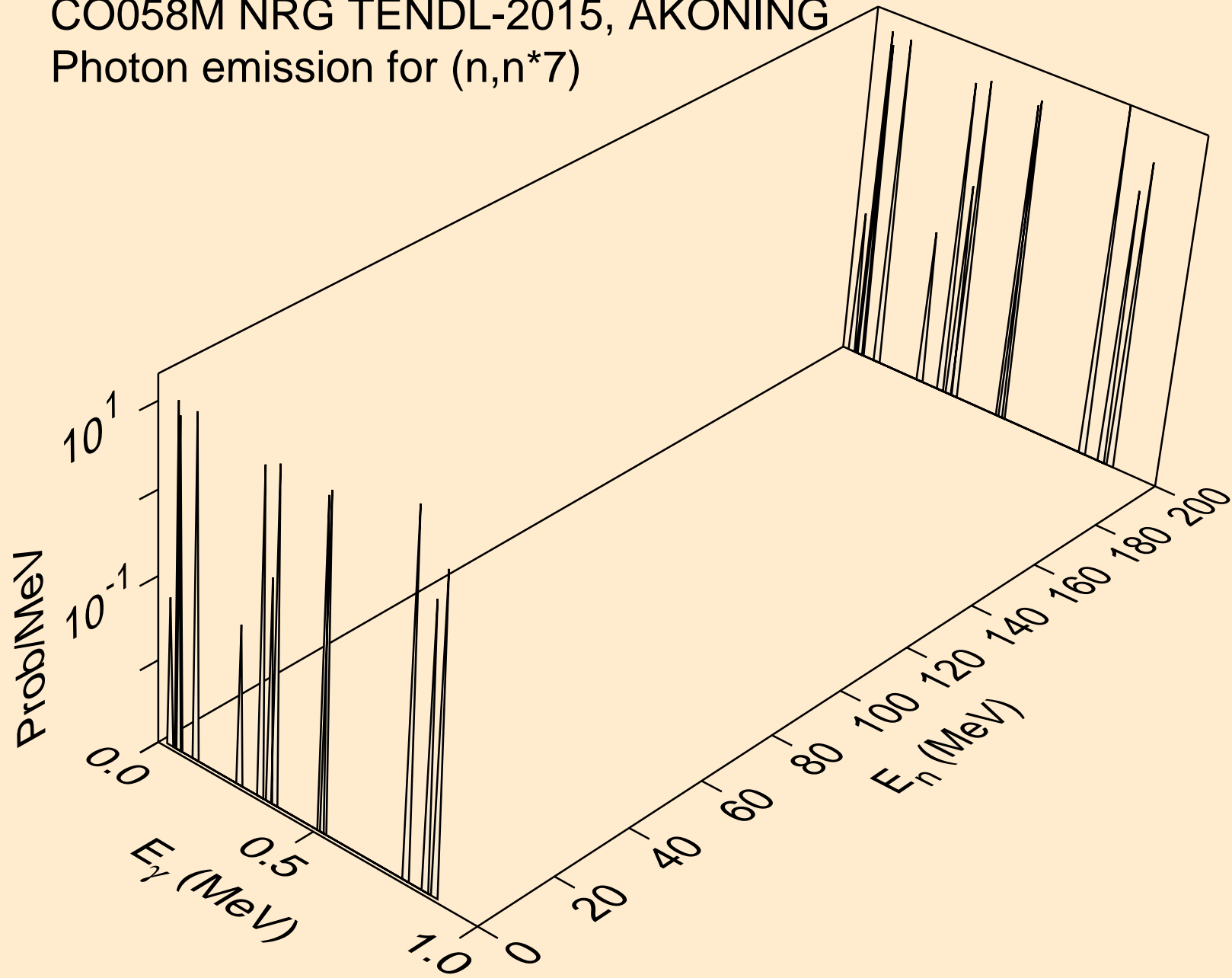
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



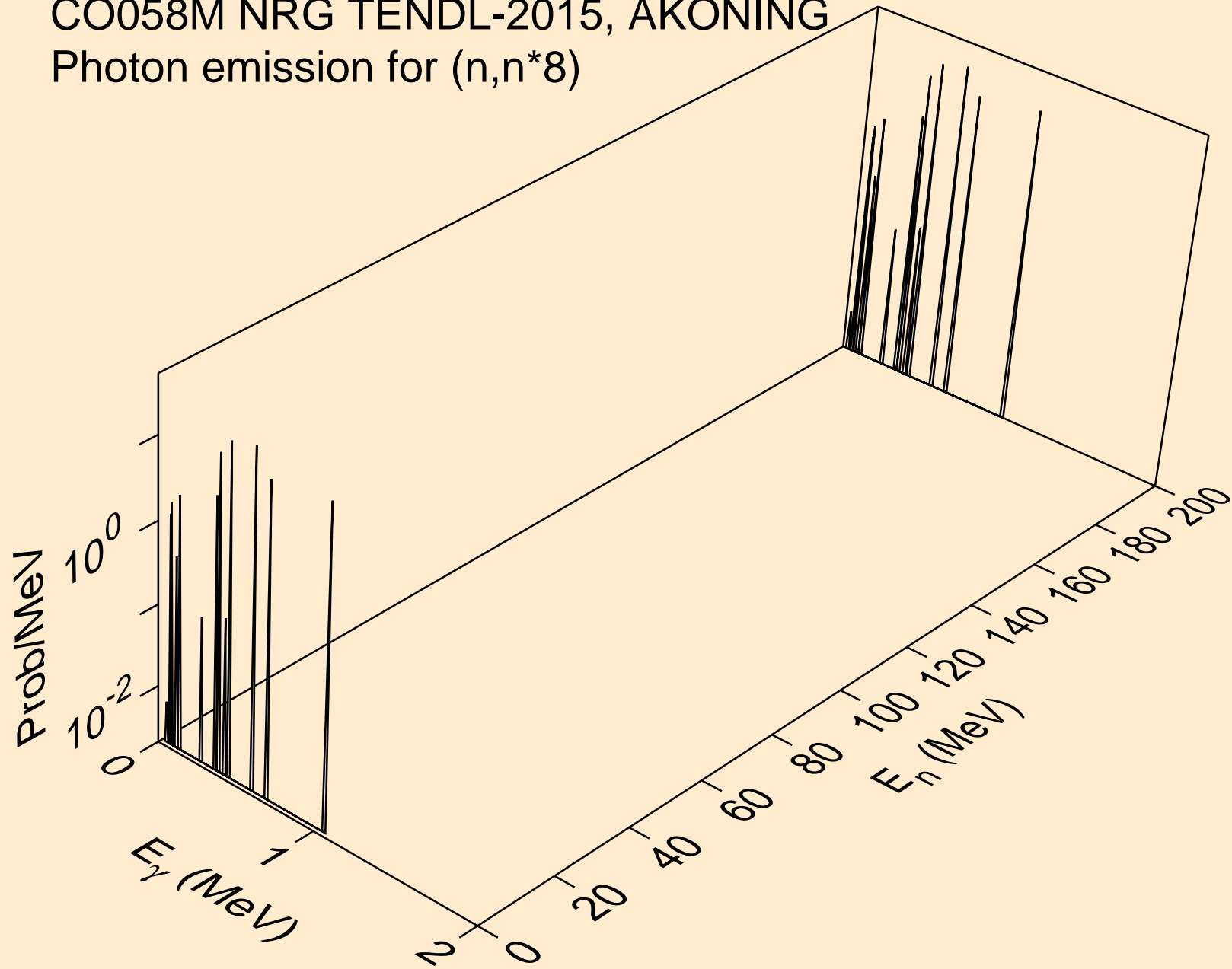
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)



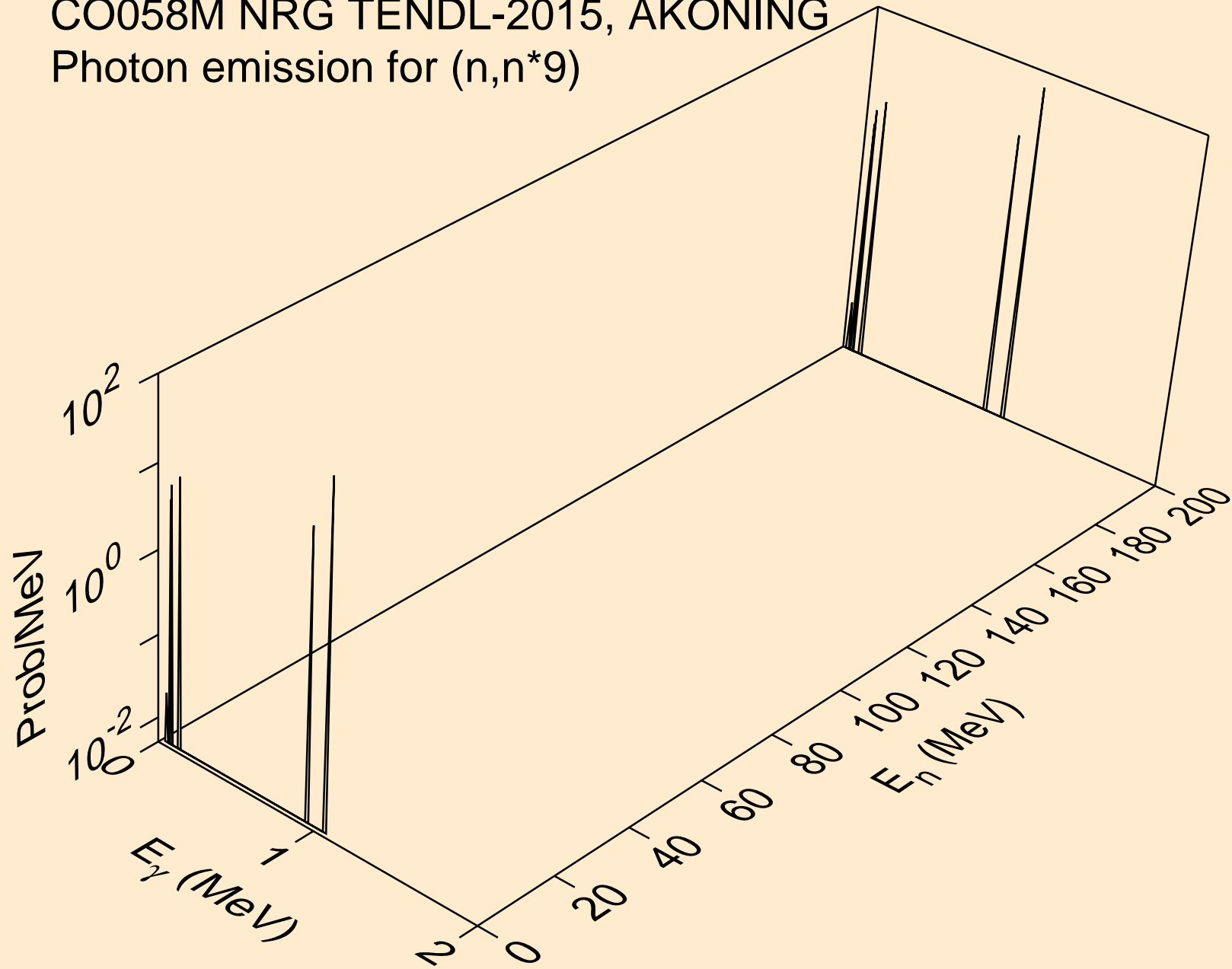
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



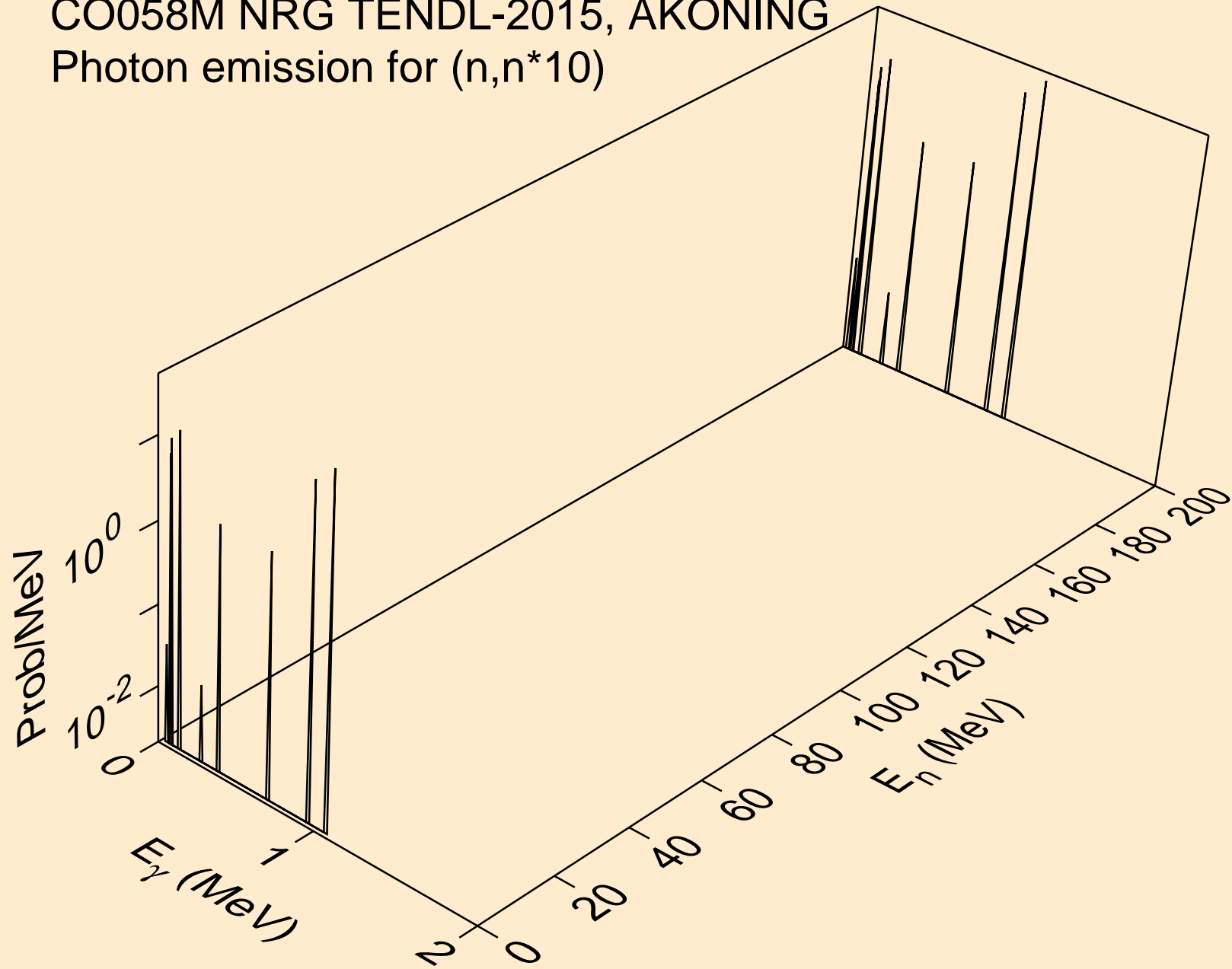
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)



CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)

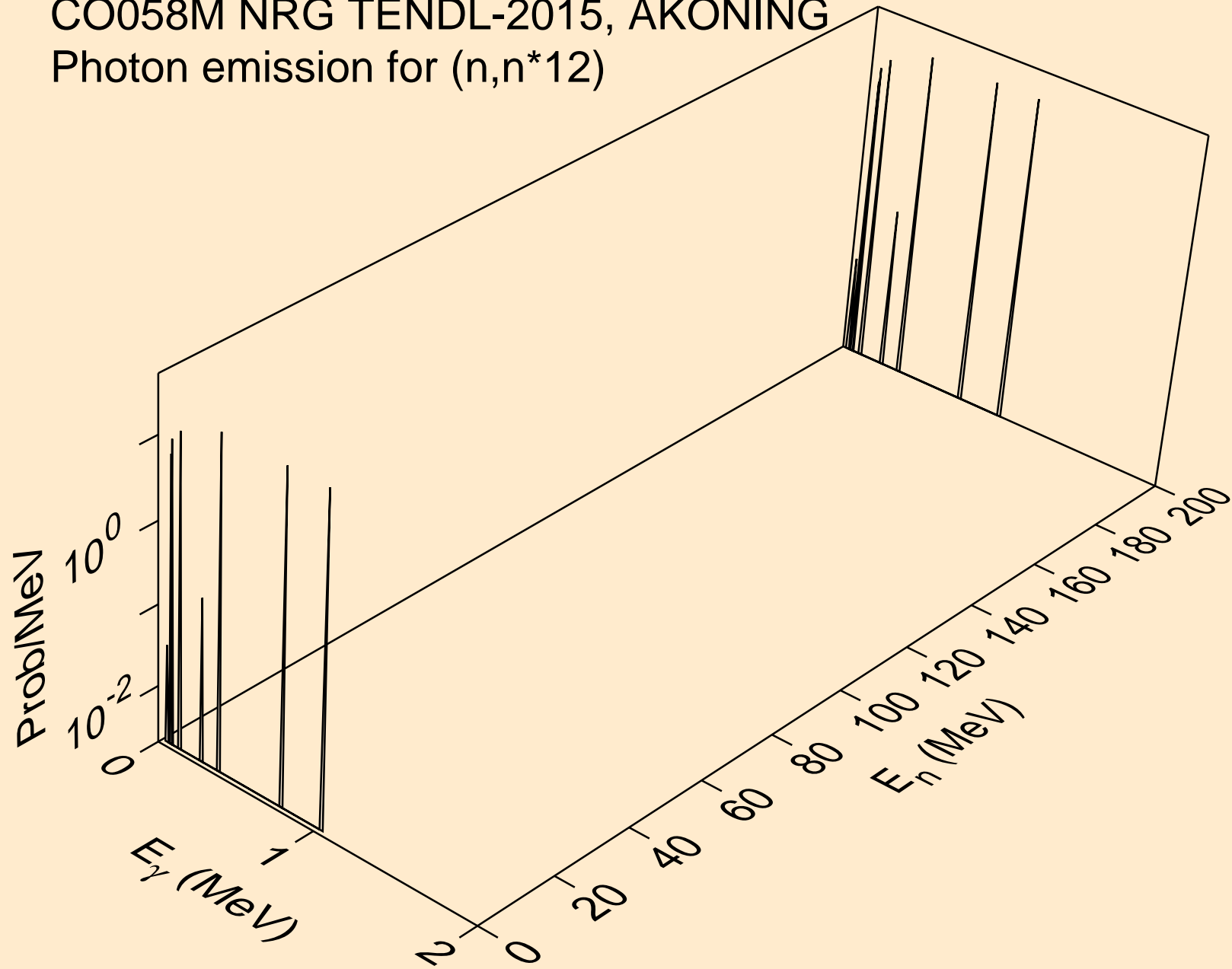


CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)



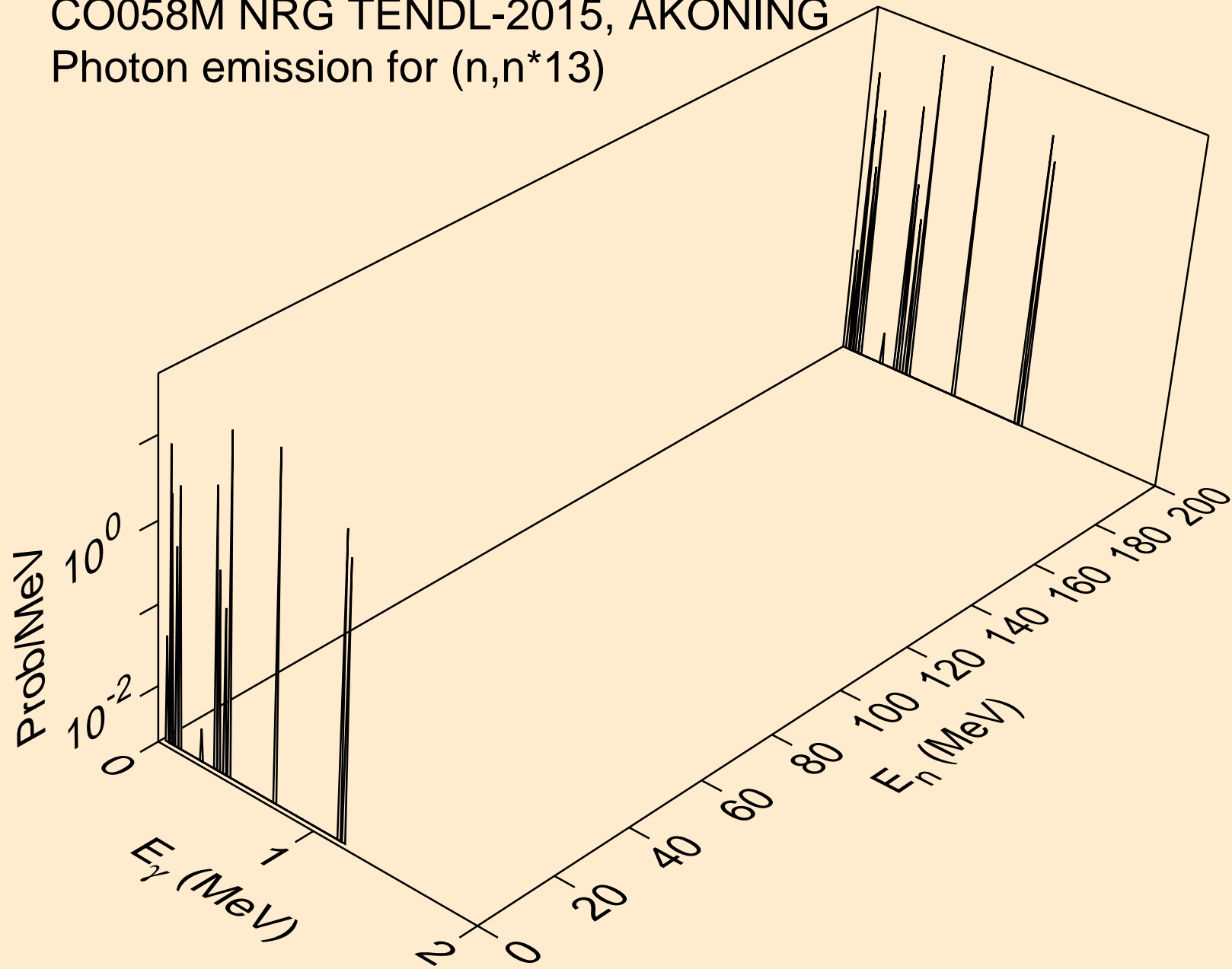


CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*12)

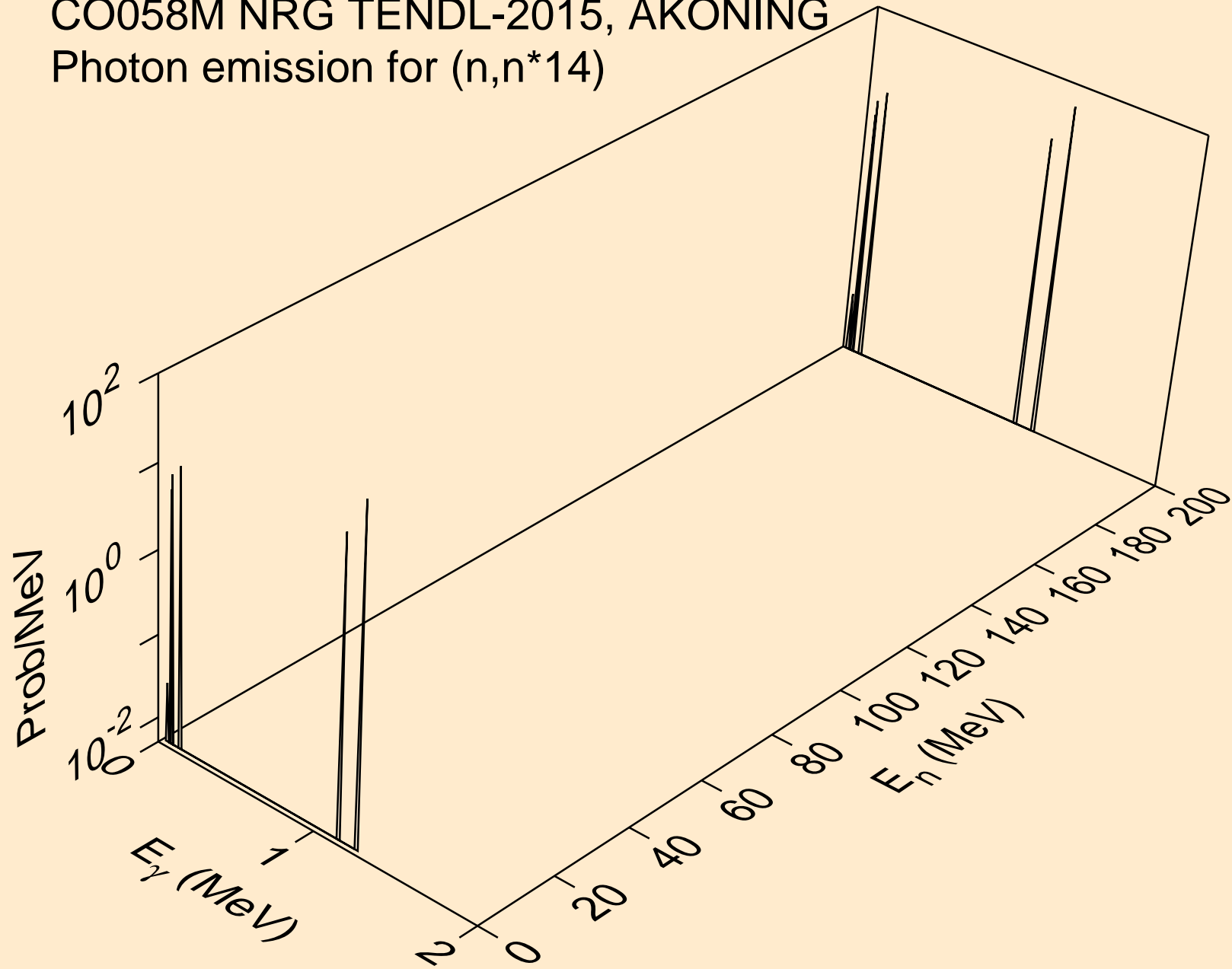




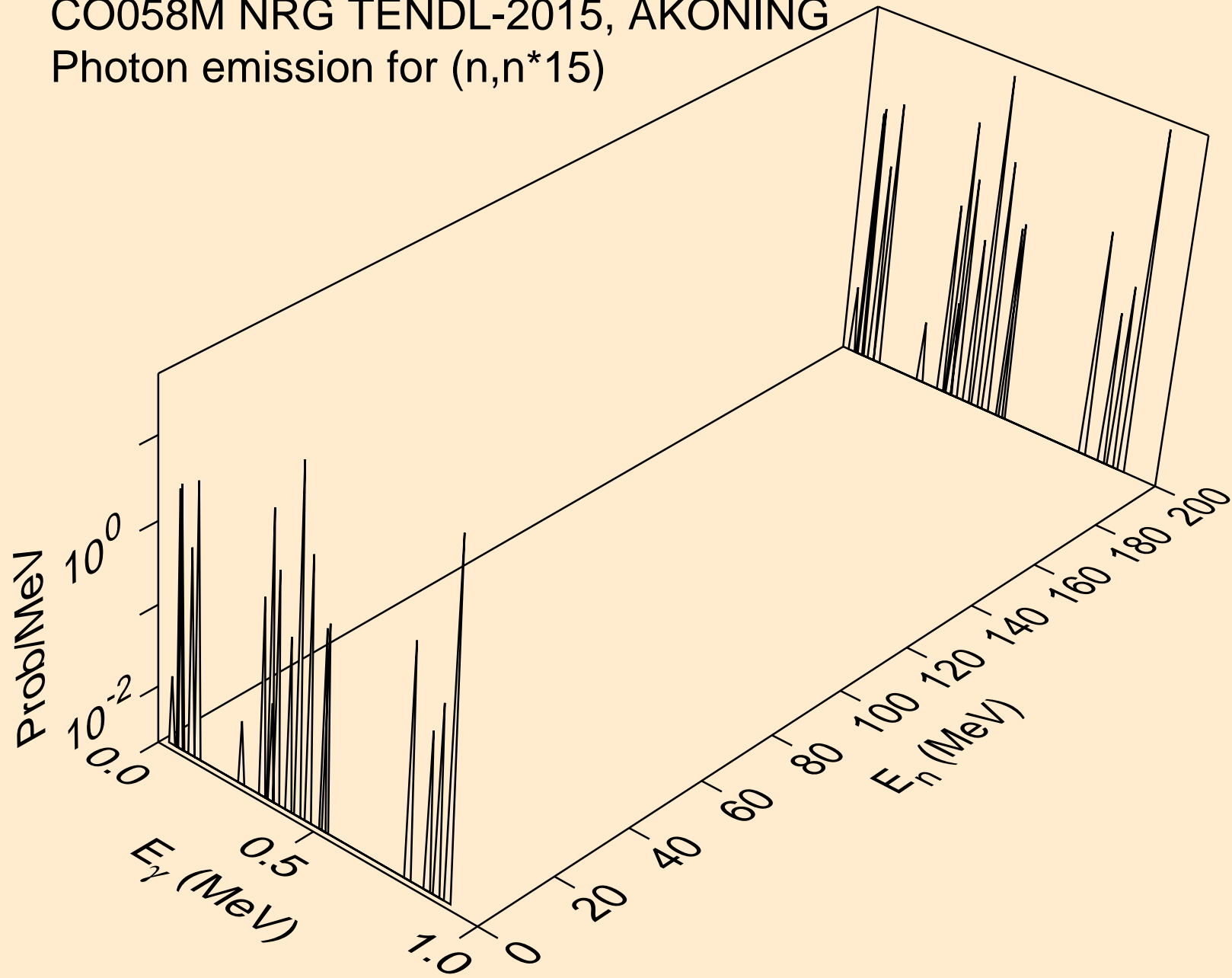
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Photon emission for (n,n\*13)



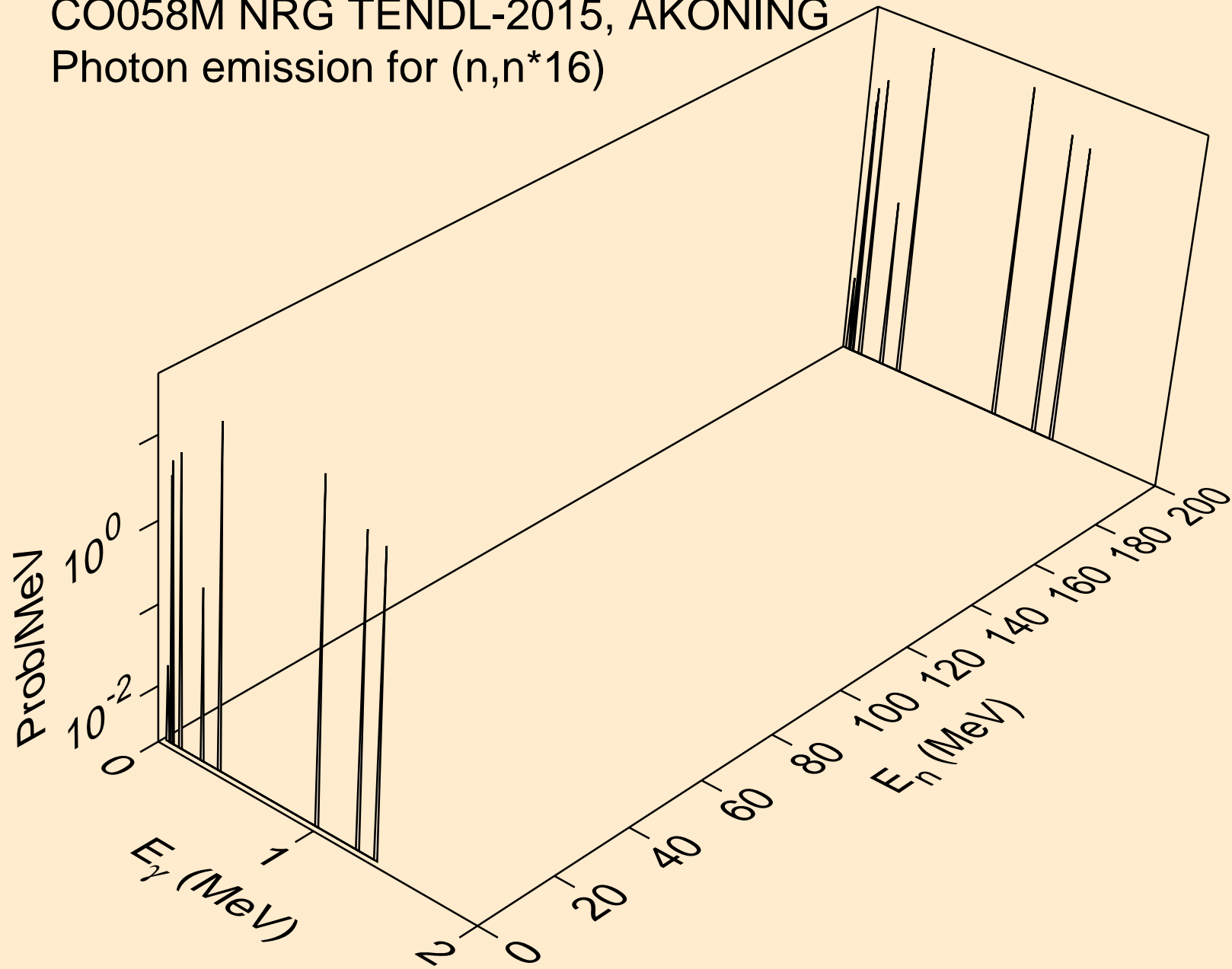
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Photon emission for (n,n\*14)



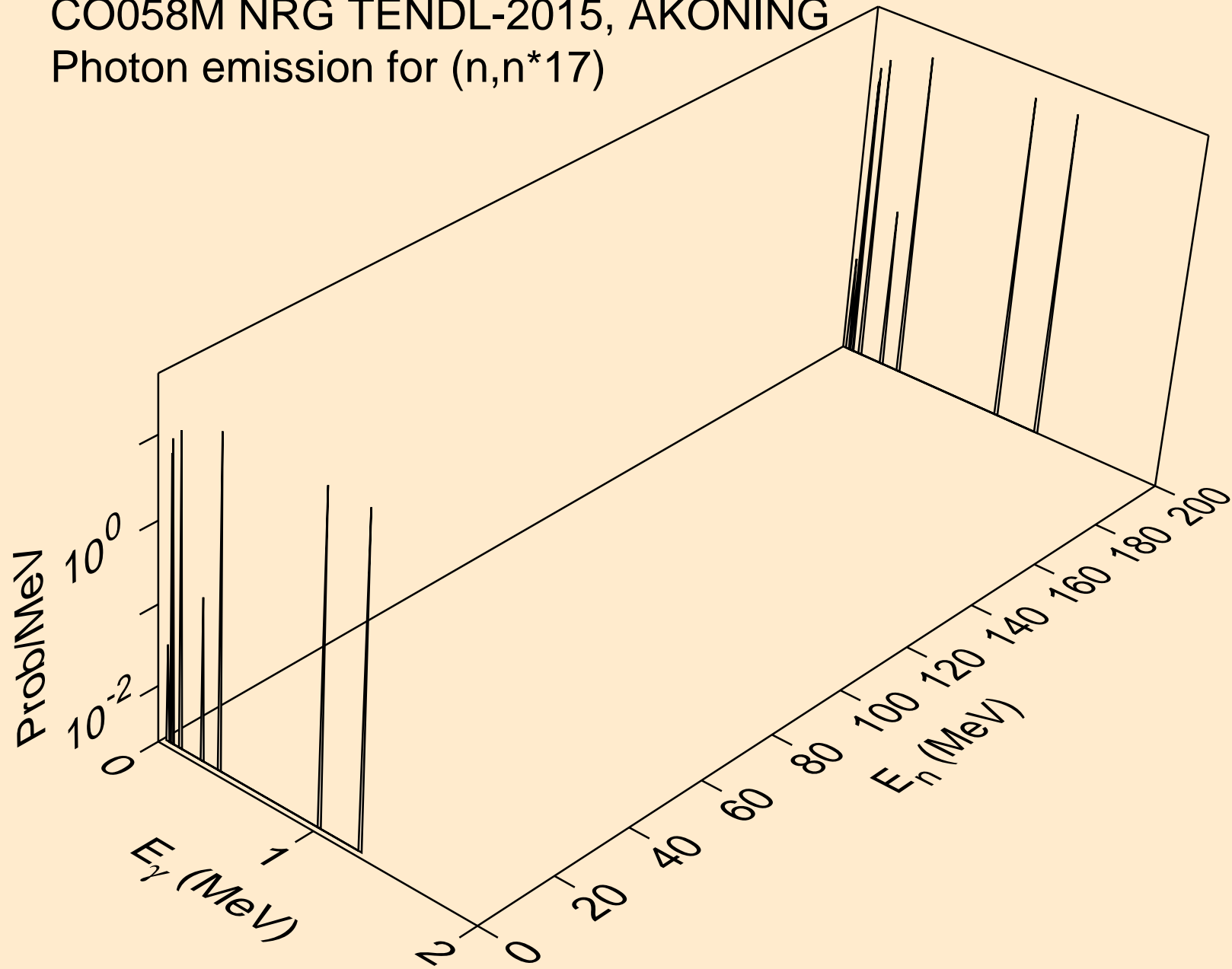
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Photon emission for (n,n\*15)



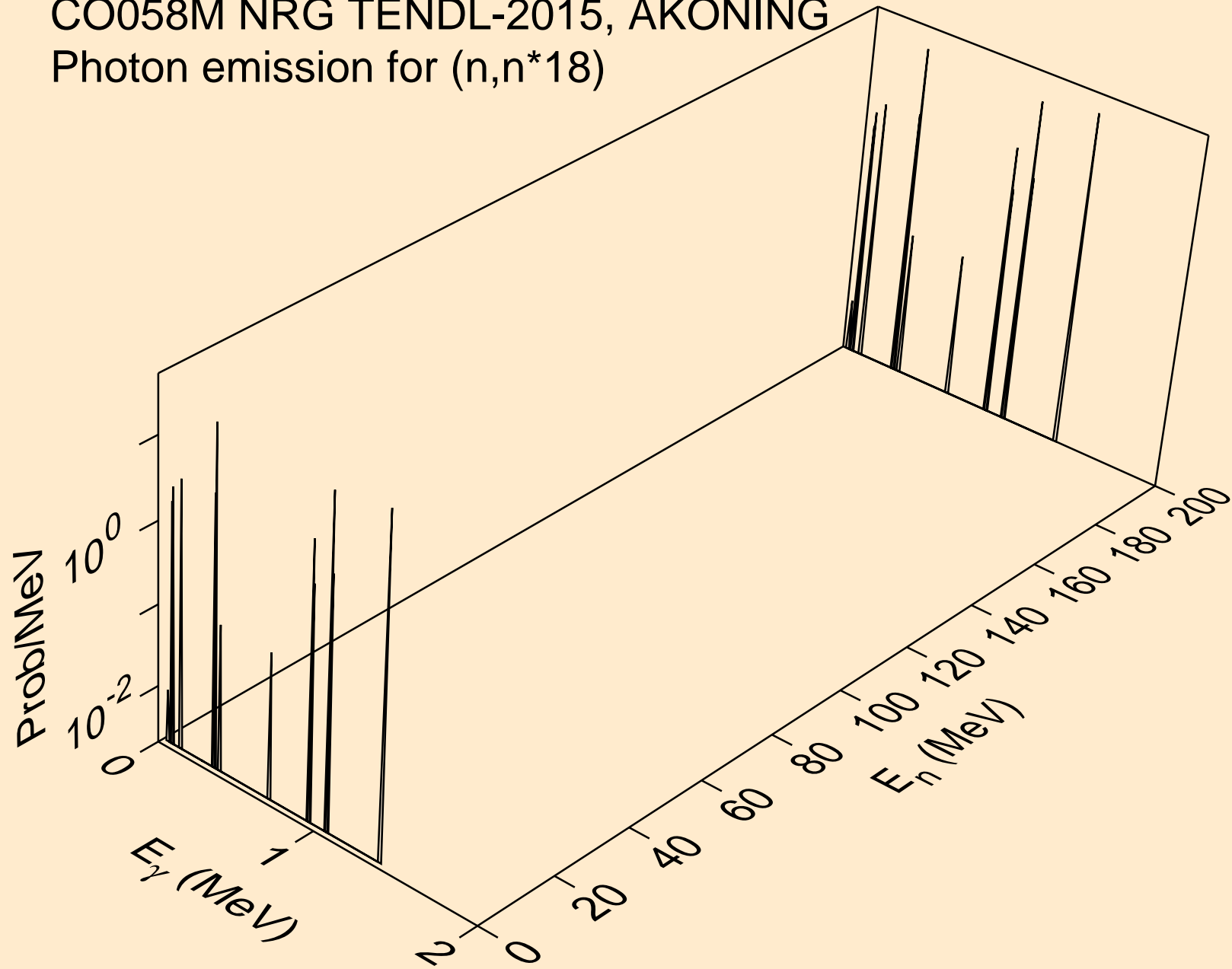
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Photon emission for (n,n\*16)



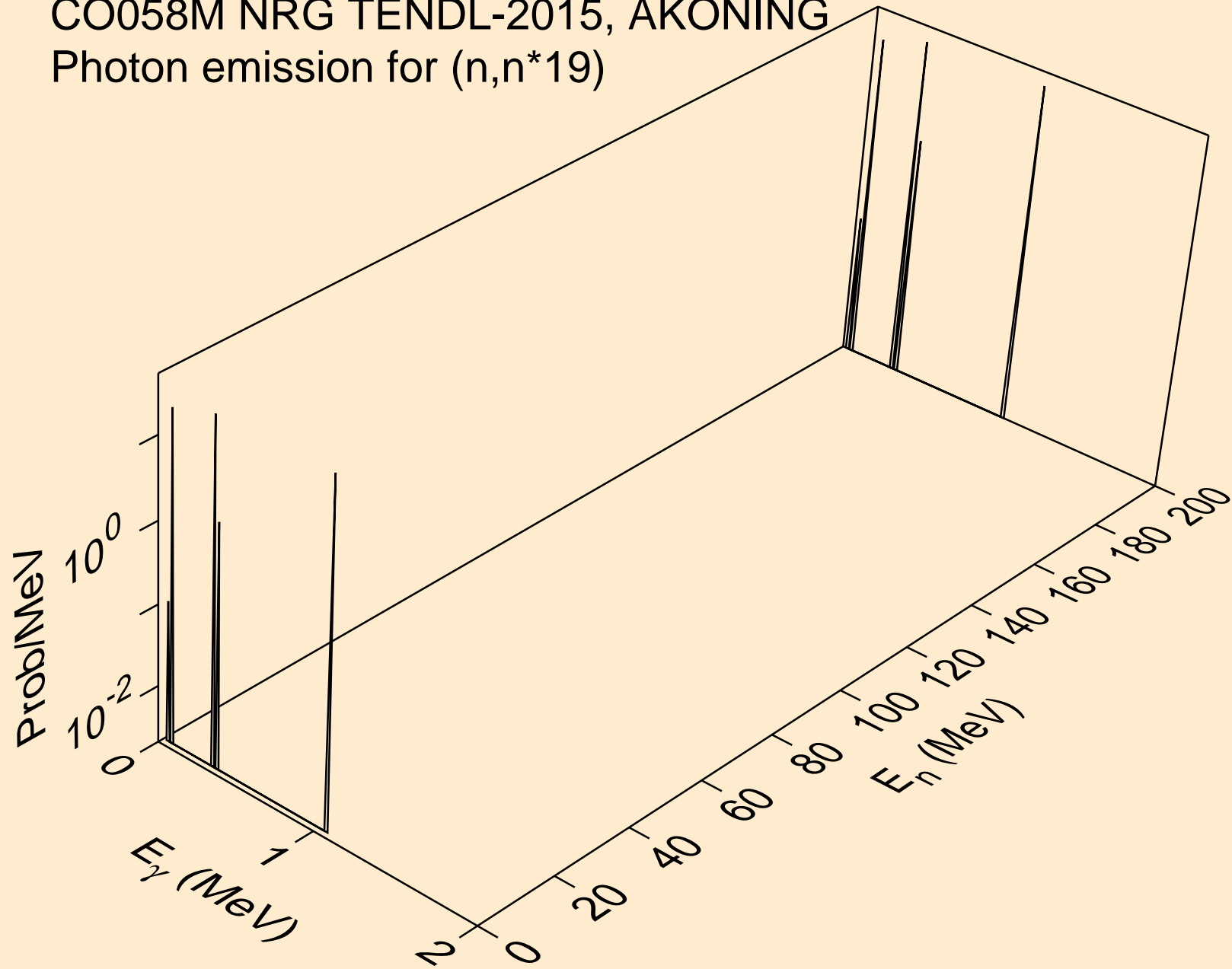
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Photon emission for (n,n\*17)



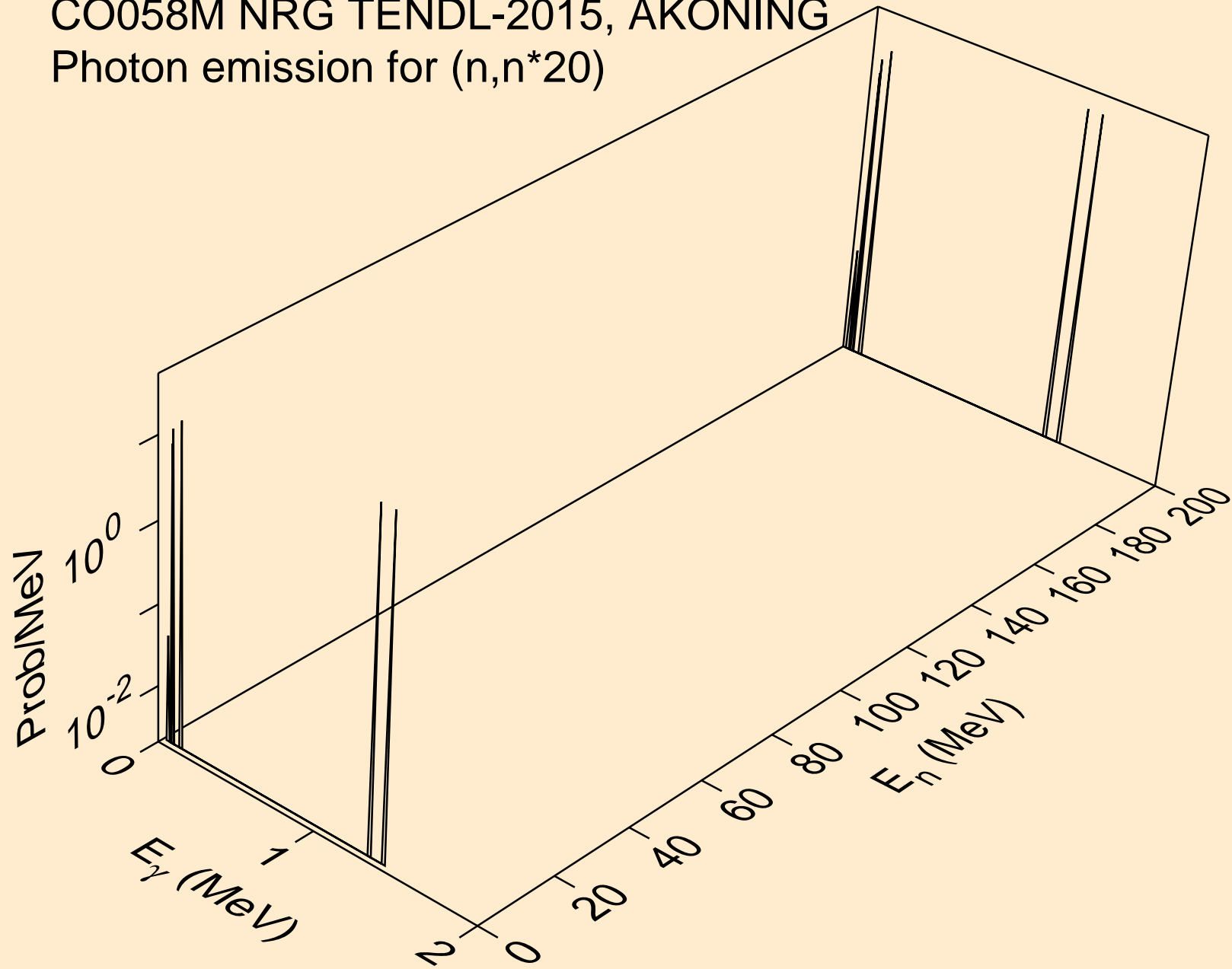
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)



CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)

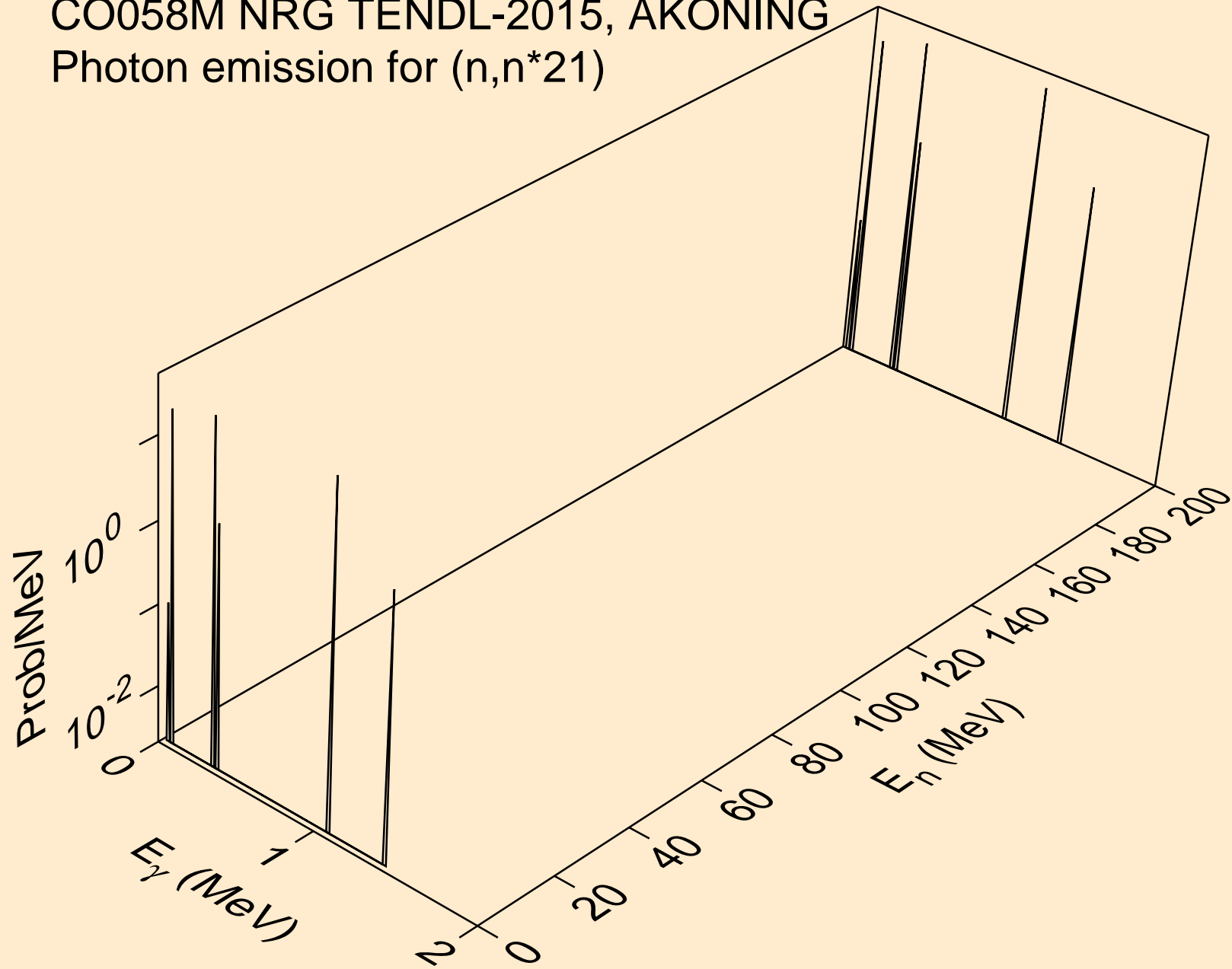


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Photon emission for (n,n\*20)

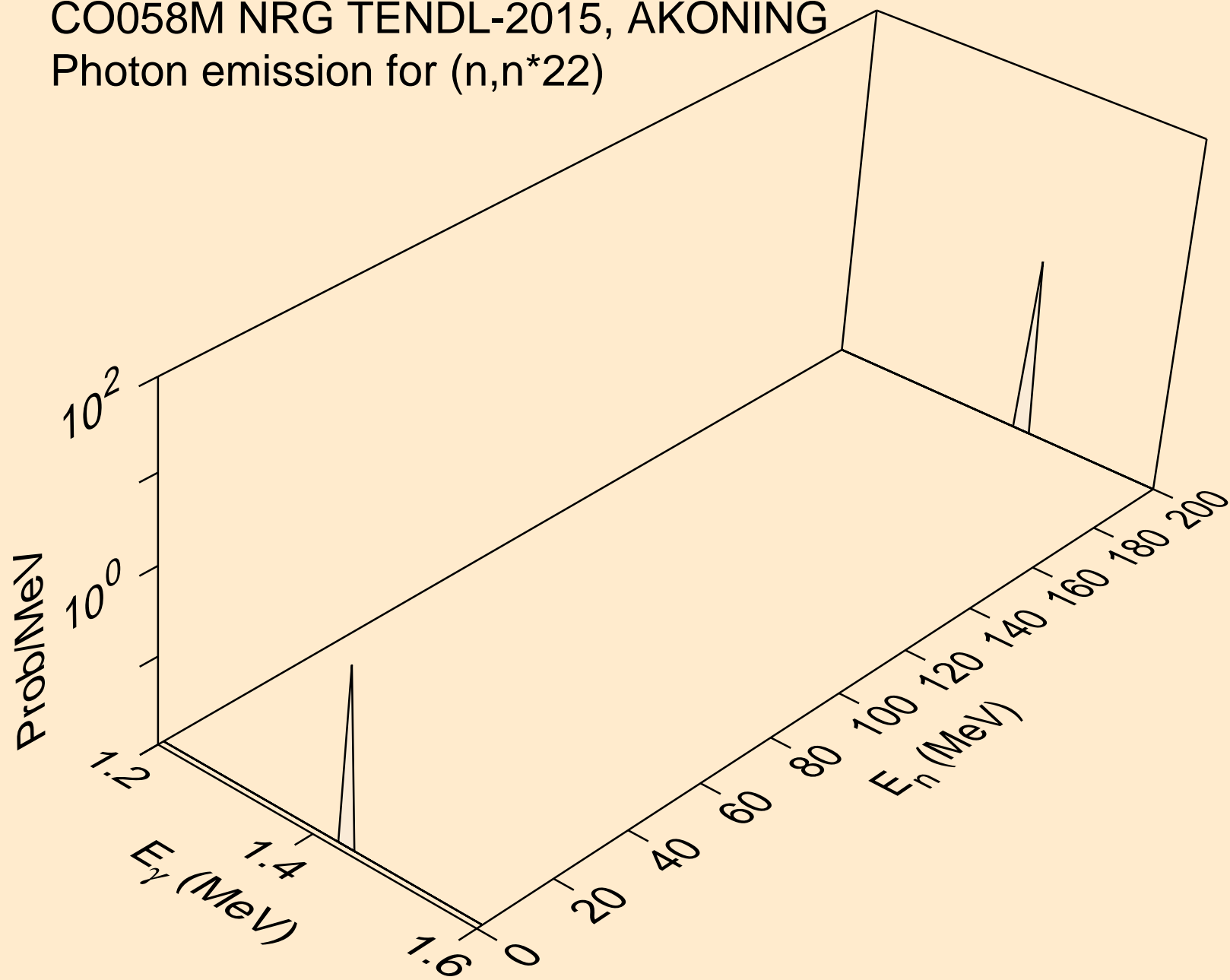




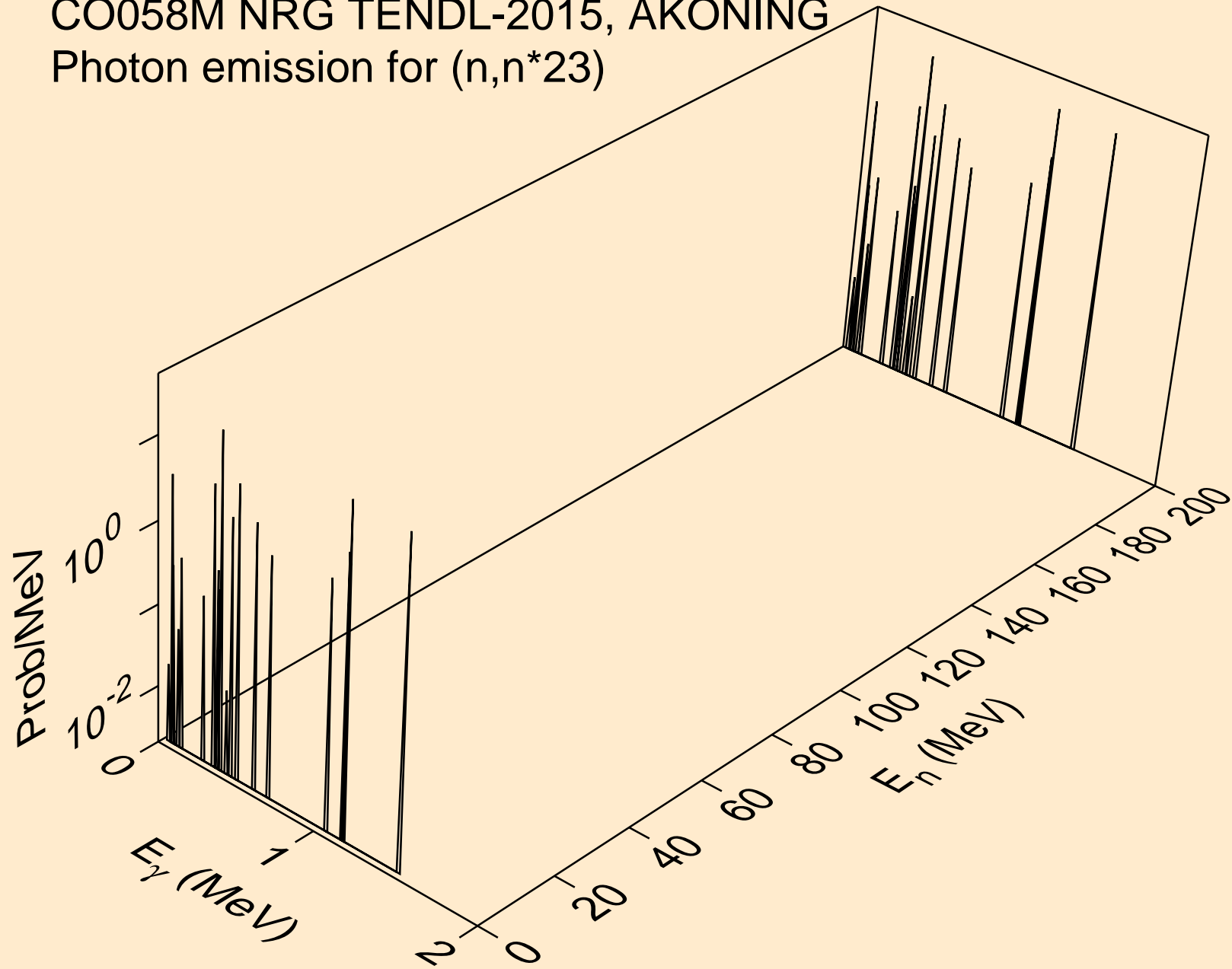
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Photon emission for (n,n\*21)



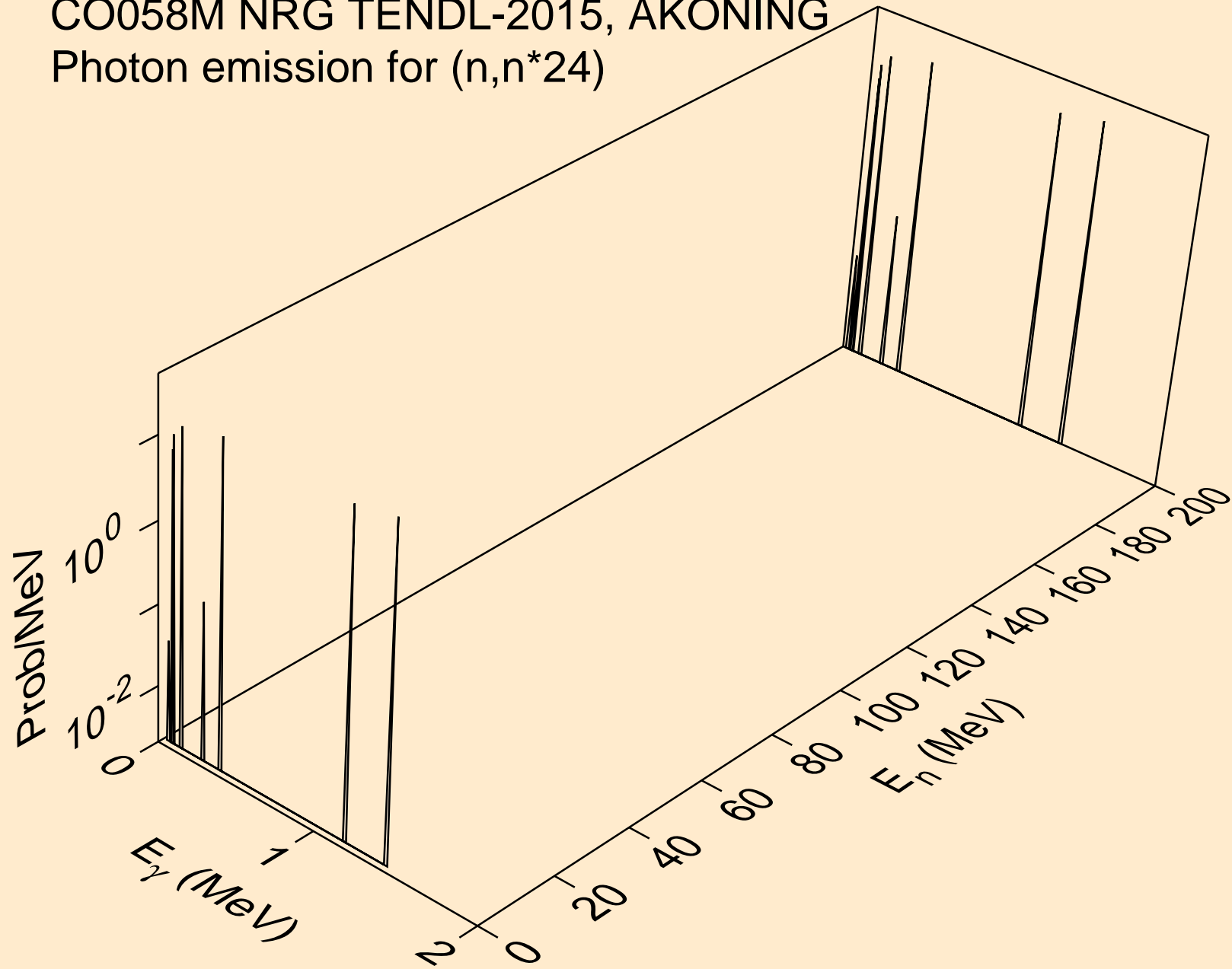
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Photon emission for (n,n\*22)



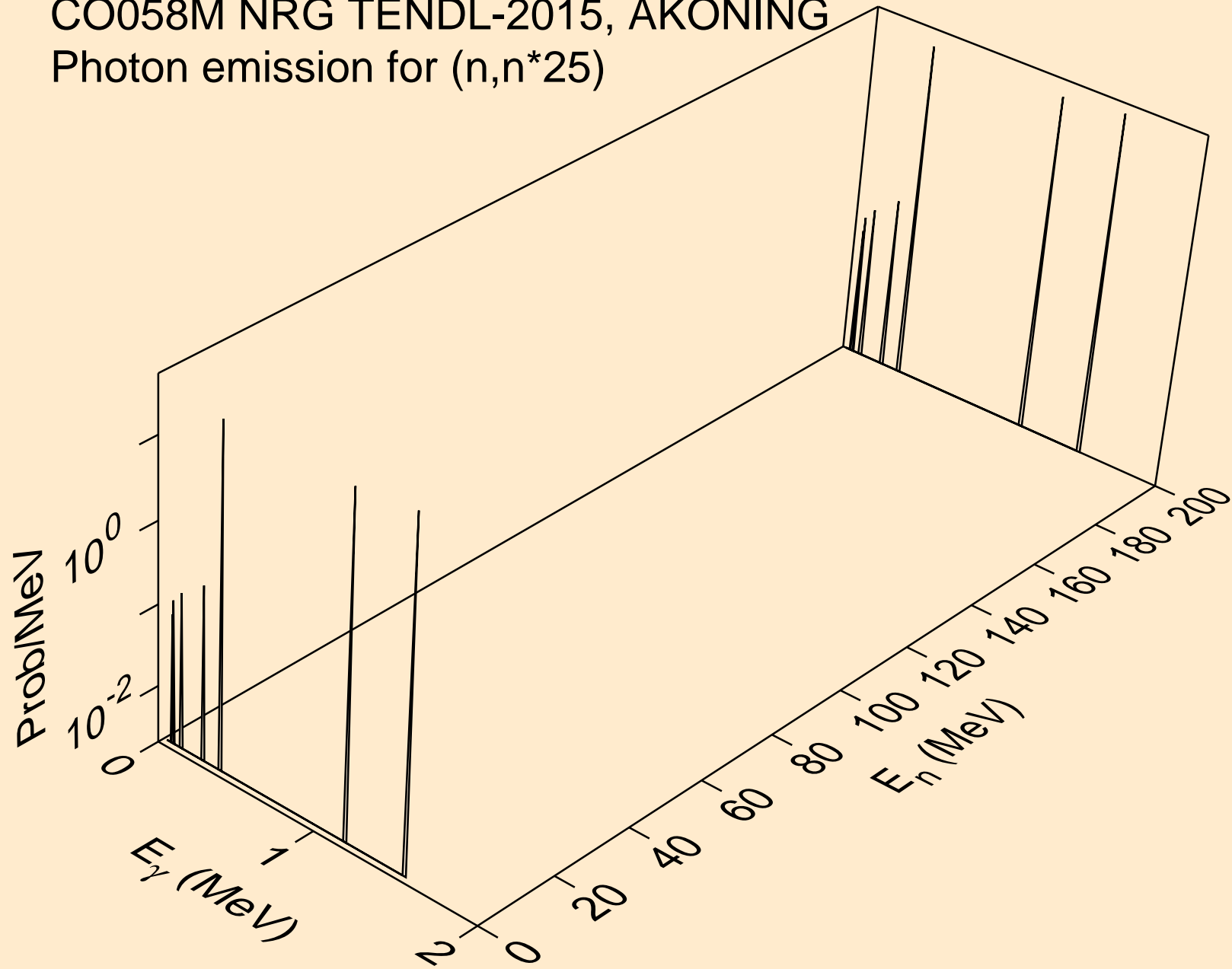
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Photon emission for (n,n\*23)



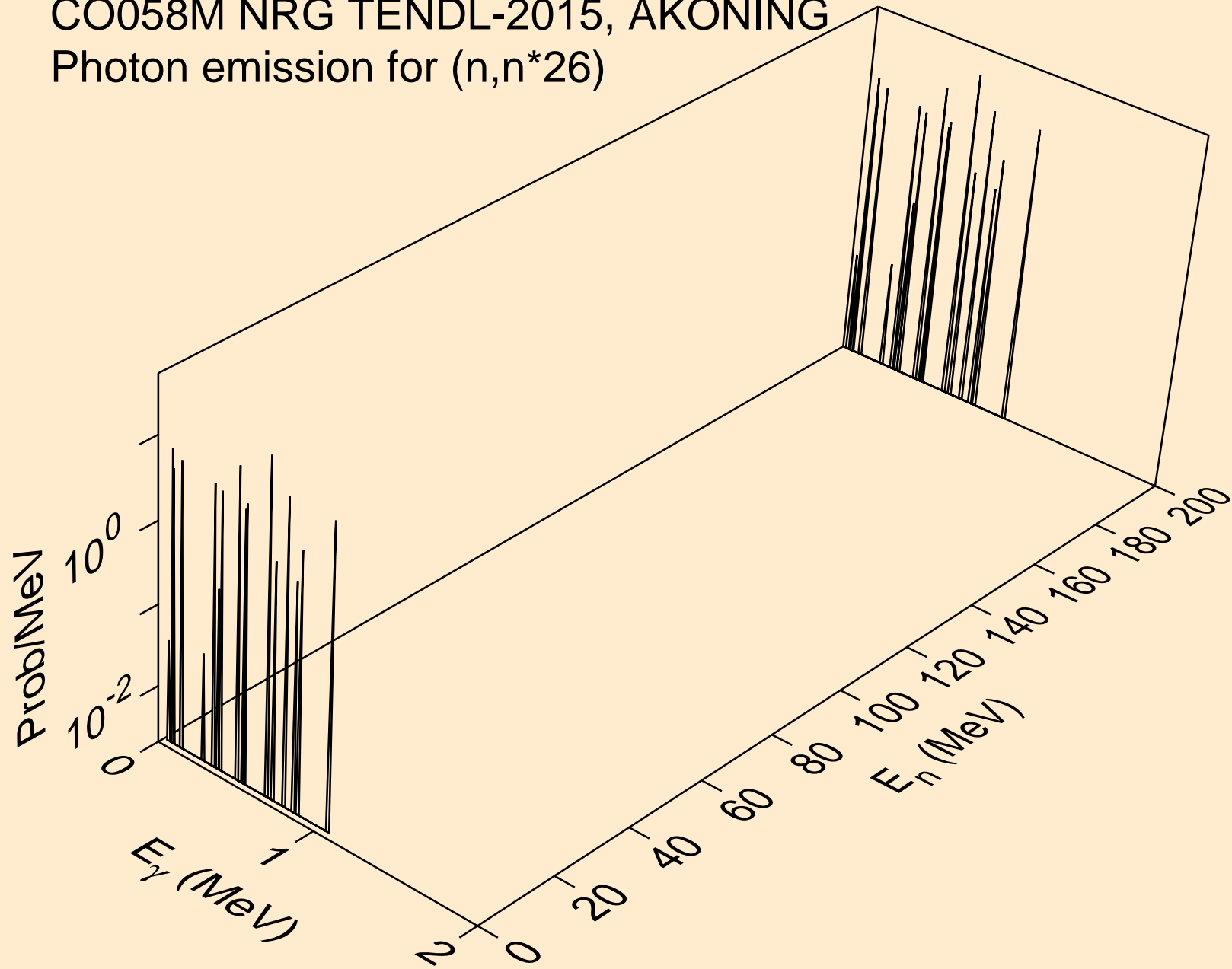
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*24)



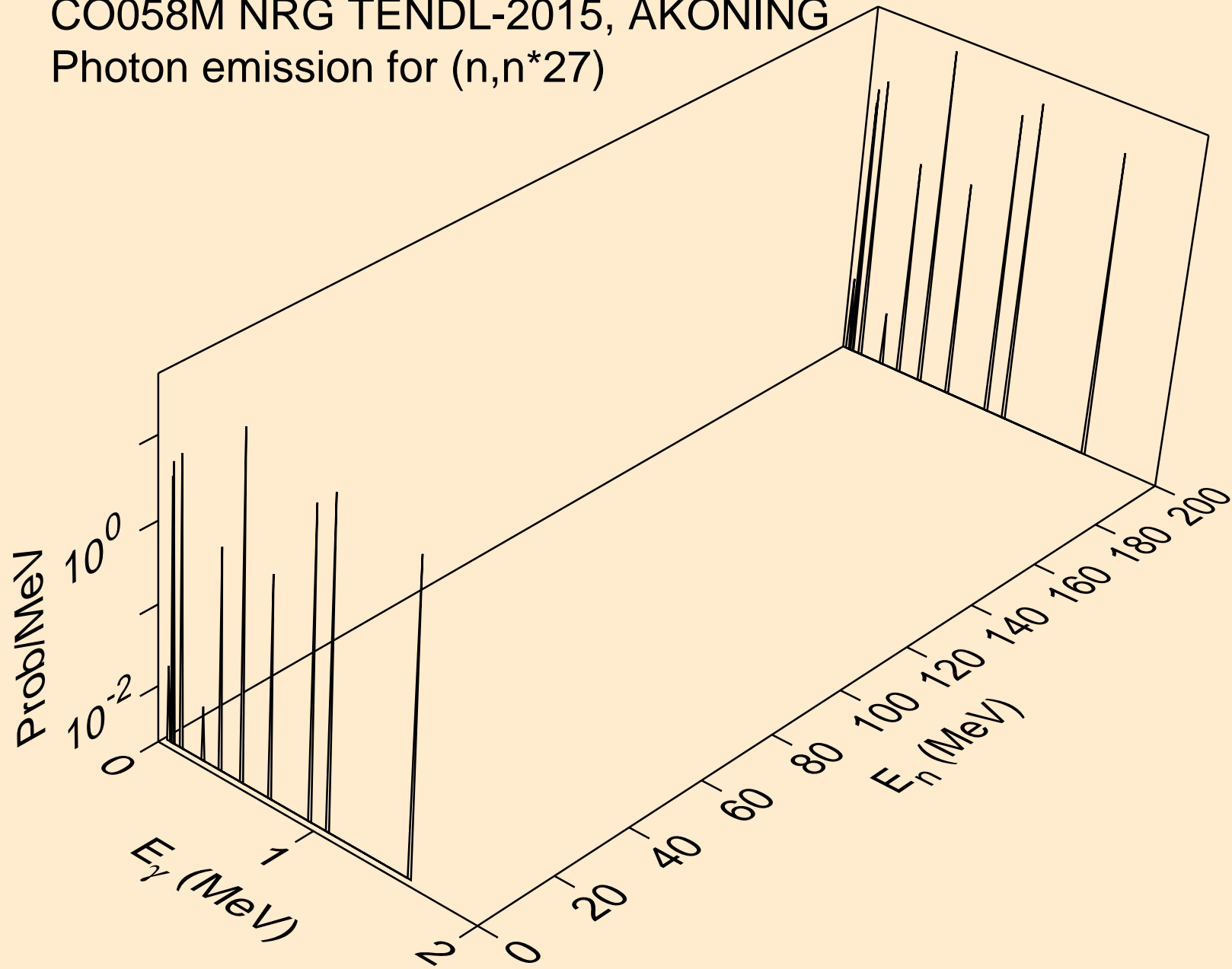
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Photon emission for (n,n\*25)



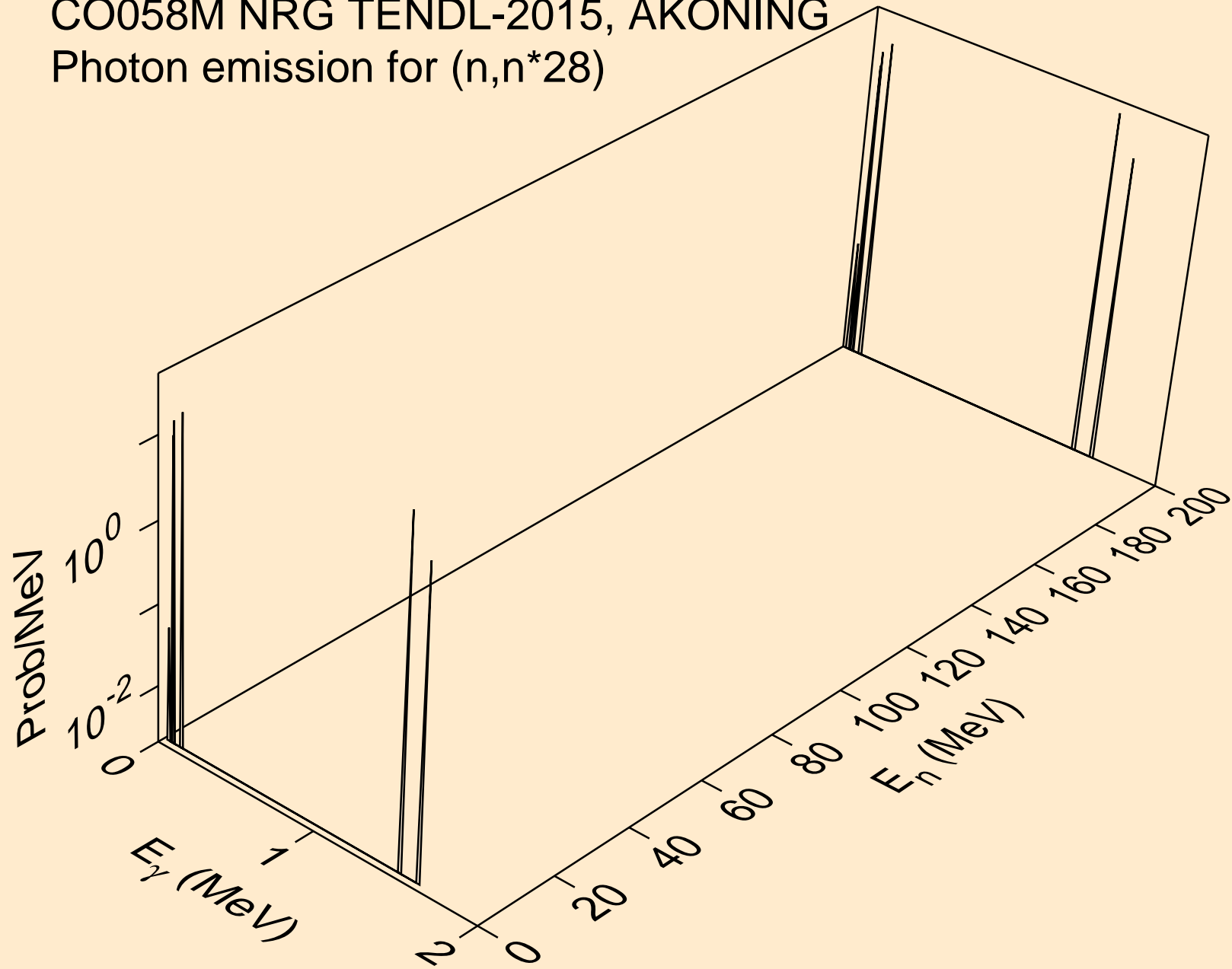
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)



CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*27)

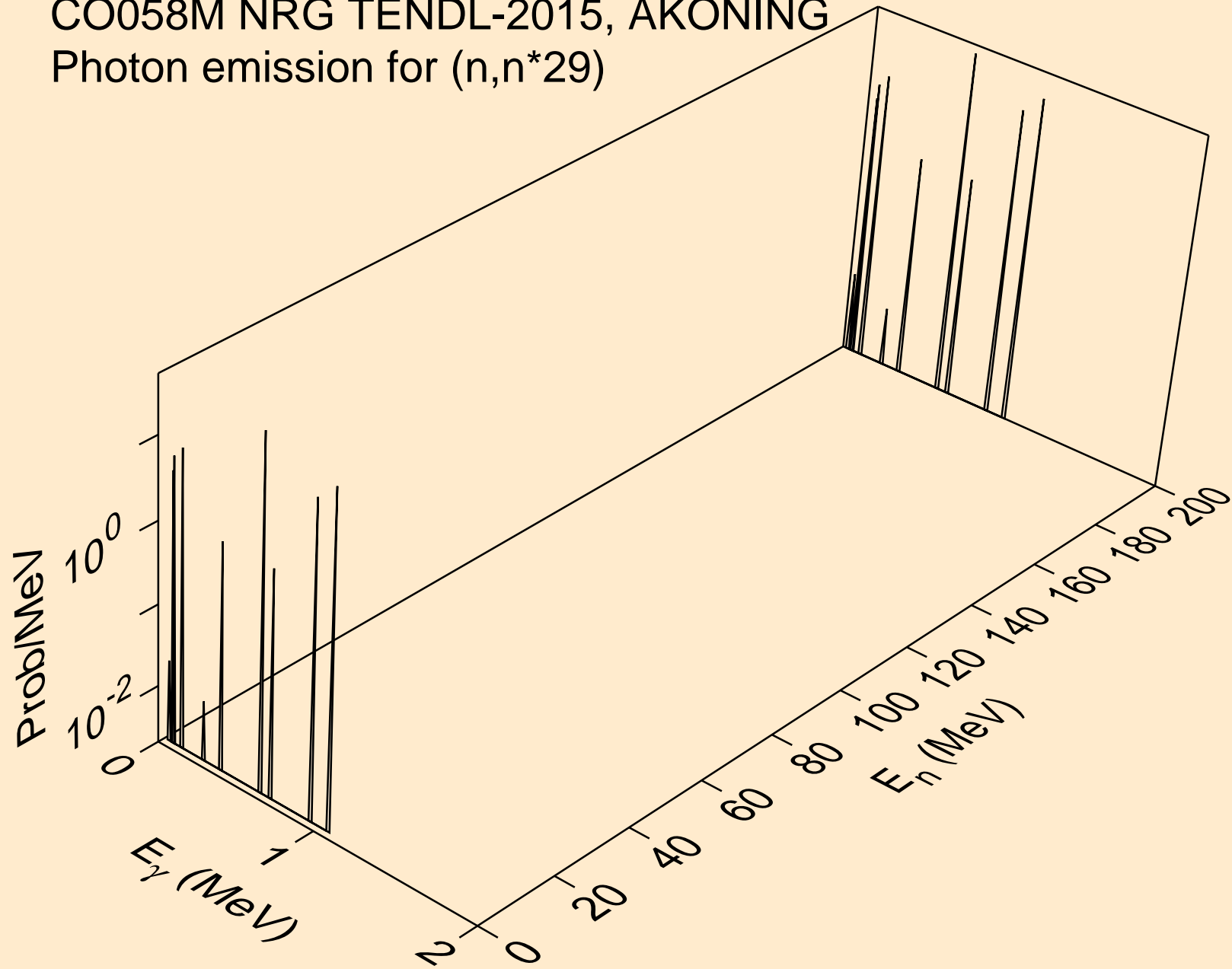


CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*28)

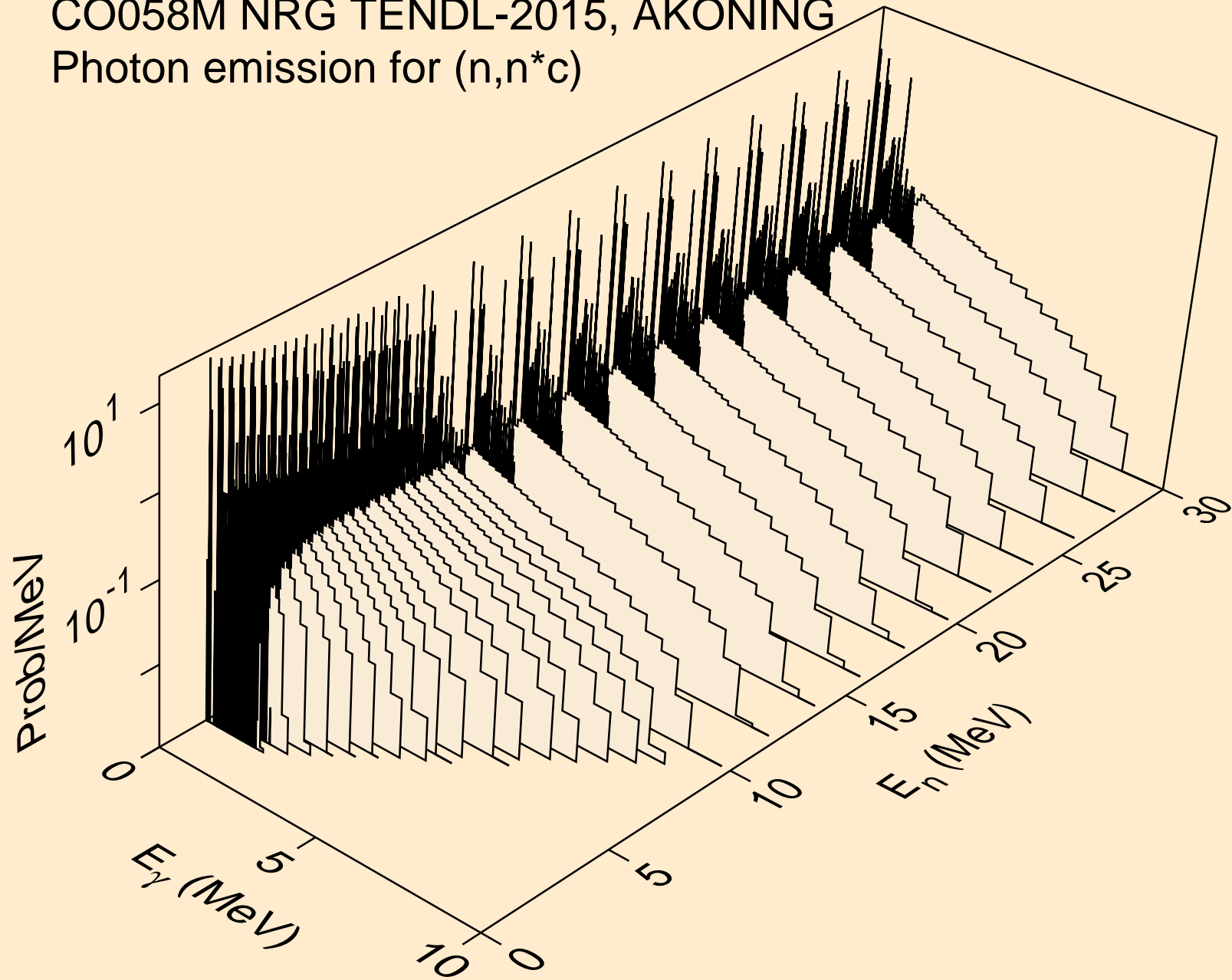




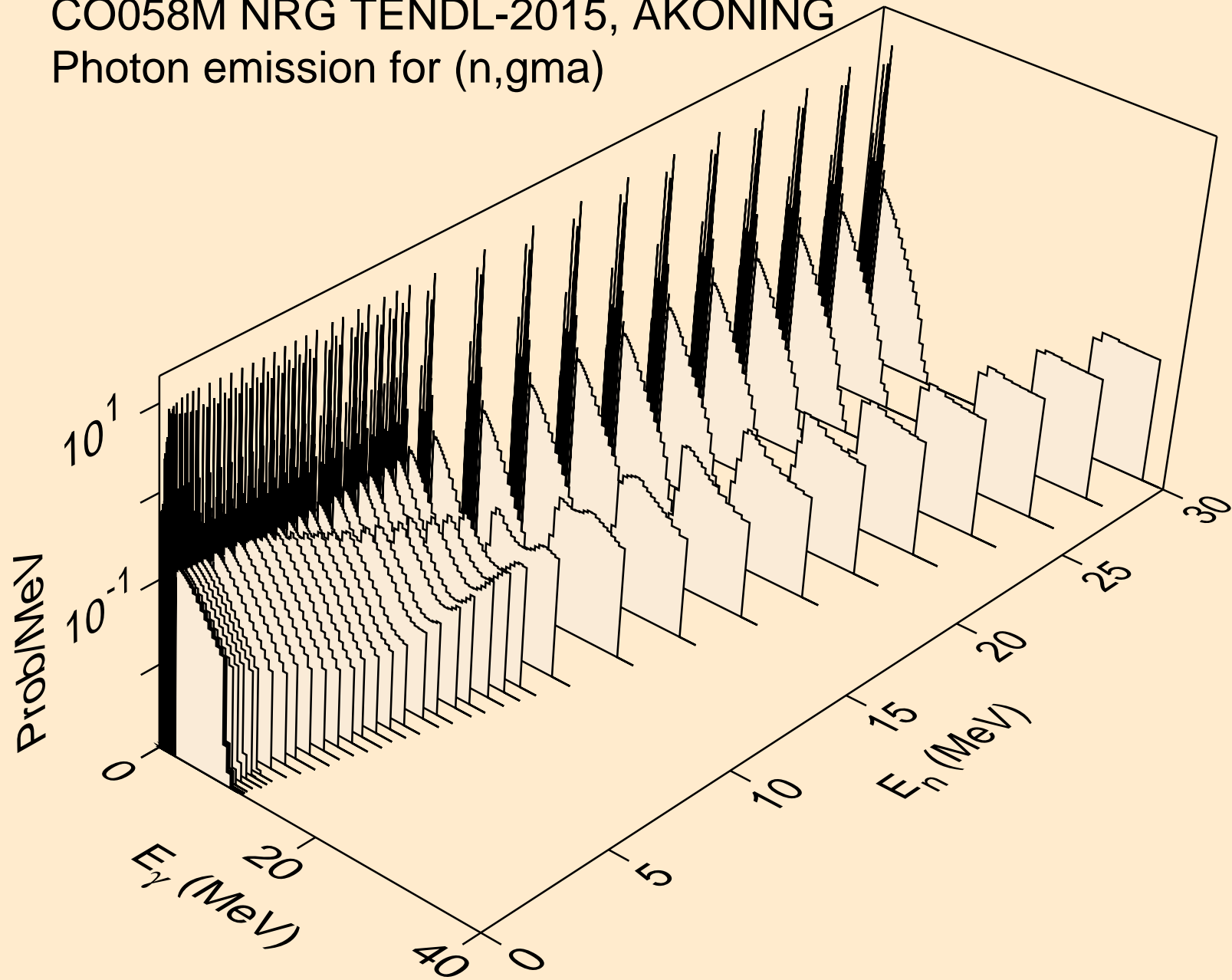
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Photon emission for (n,n\*29)



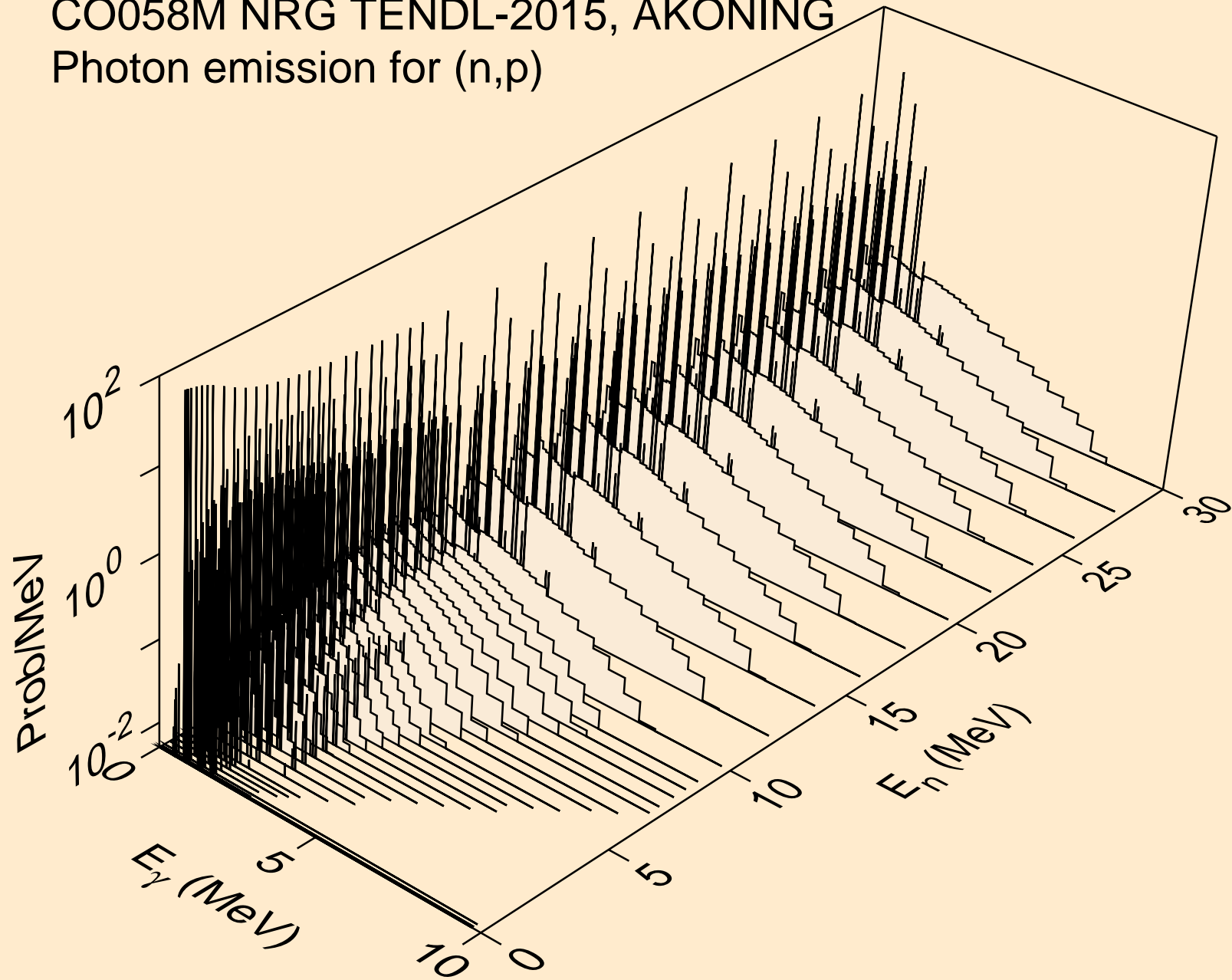
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Photon emission for (n,n\*c)



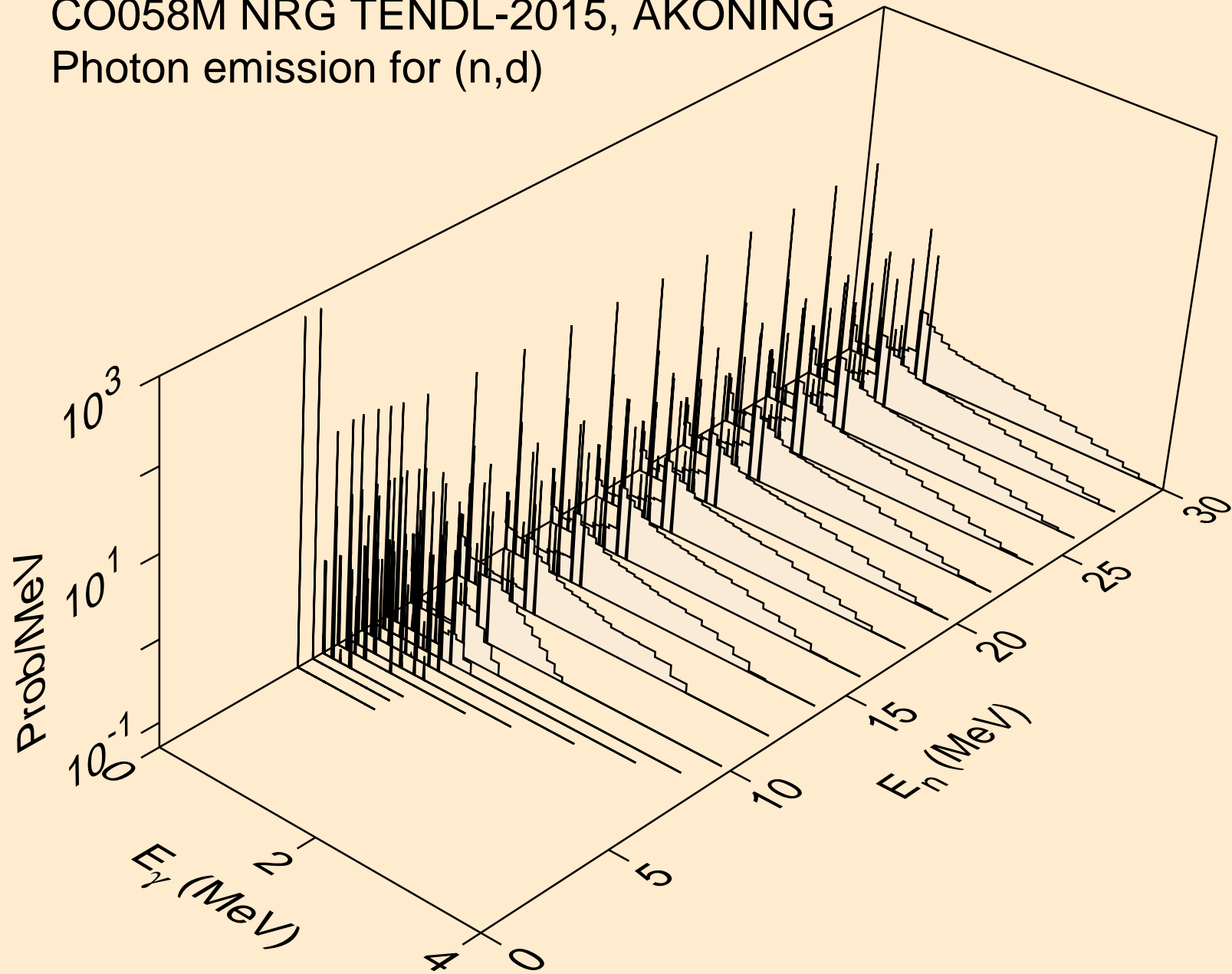
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Photon emission for (n,gma)



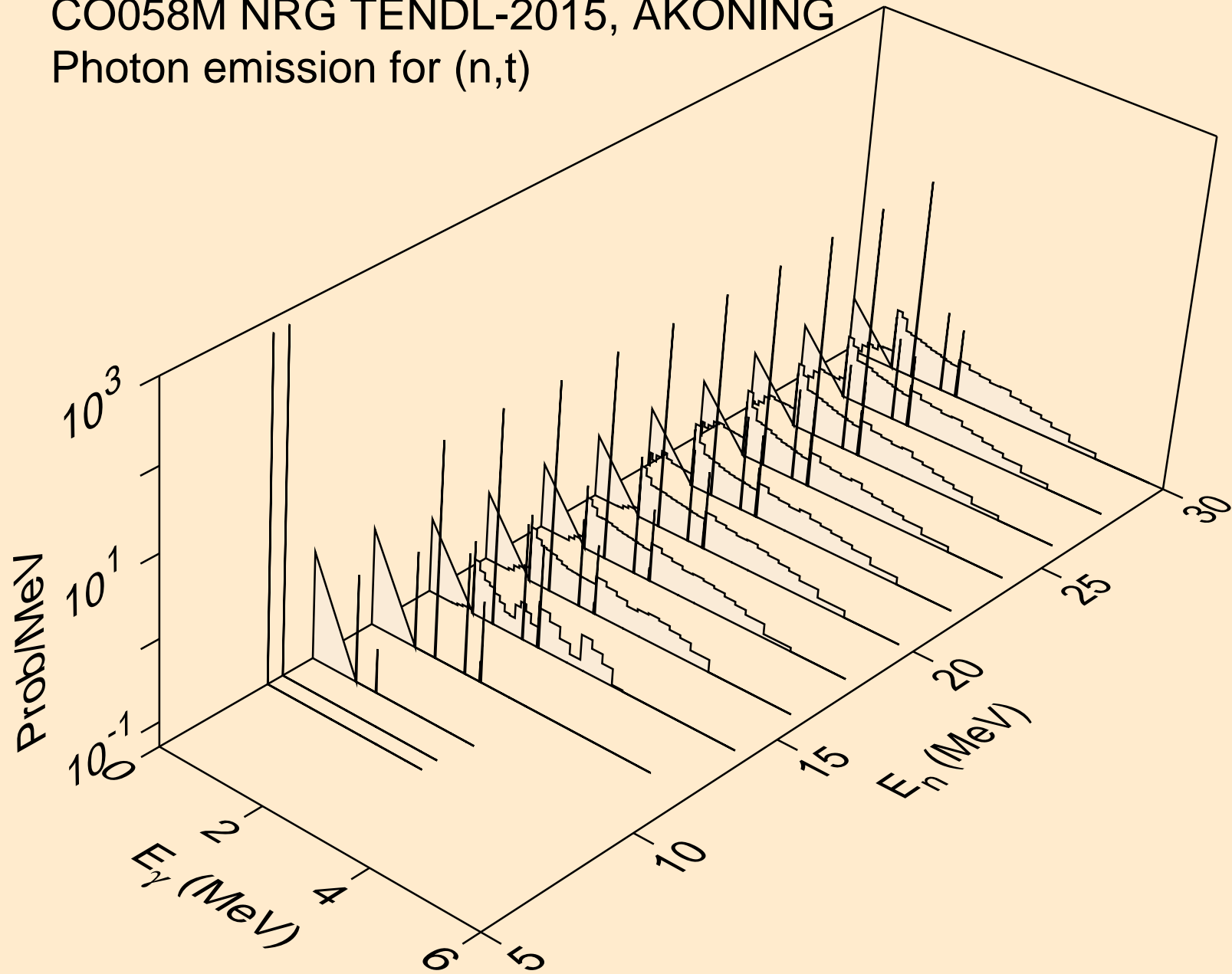
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Photon emission for (n,p)



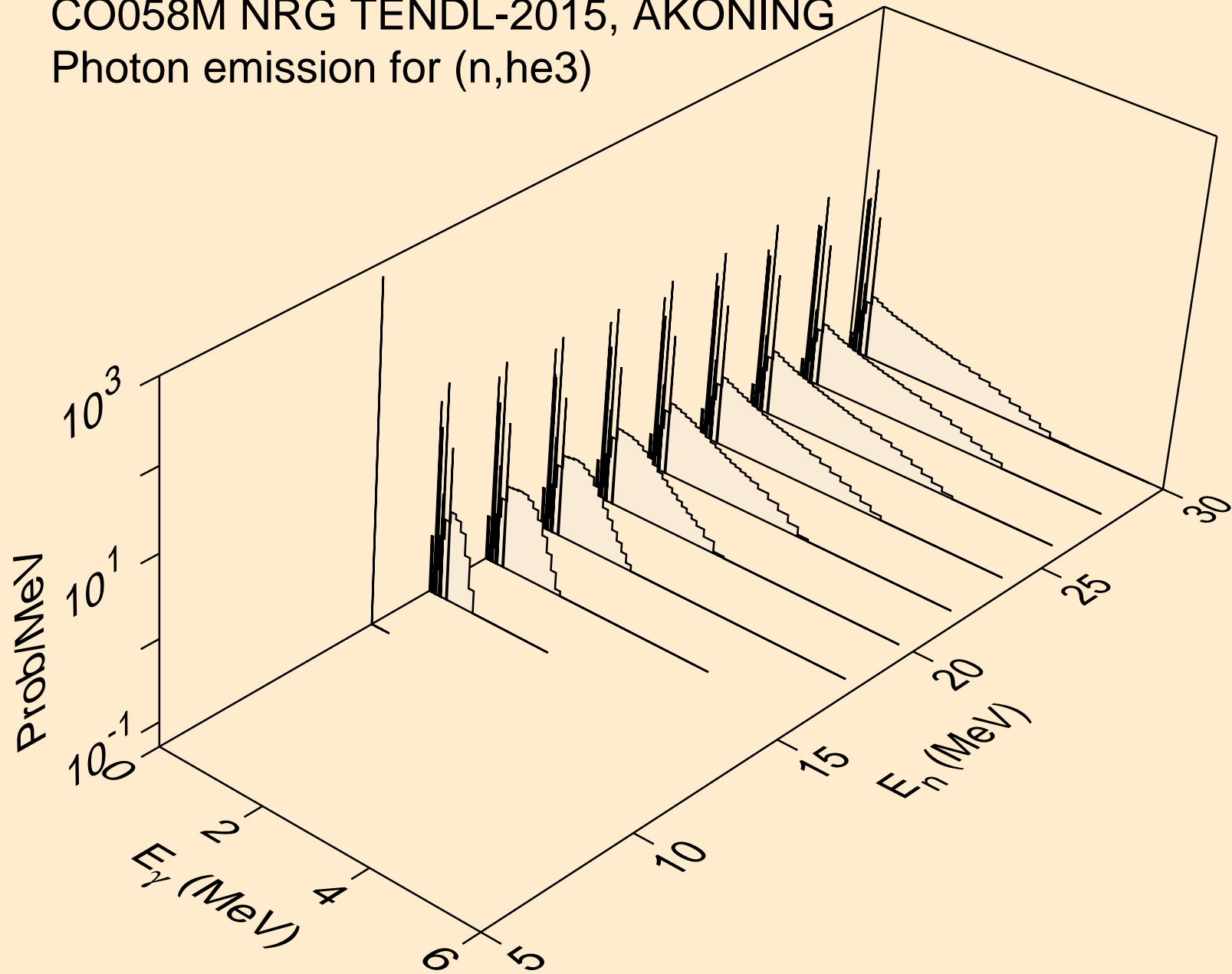
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



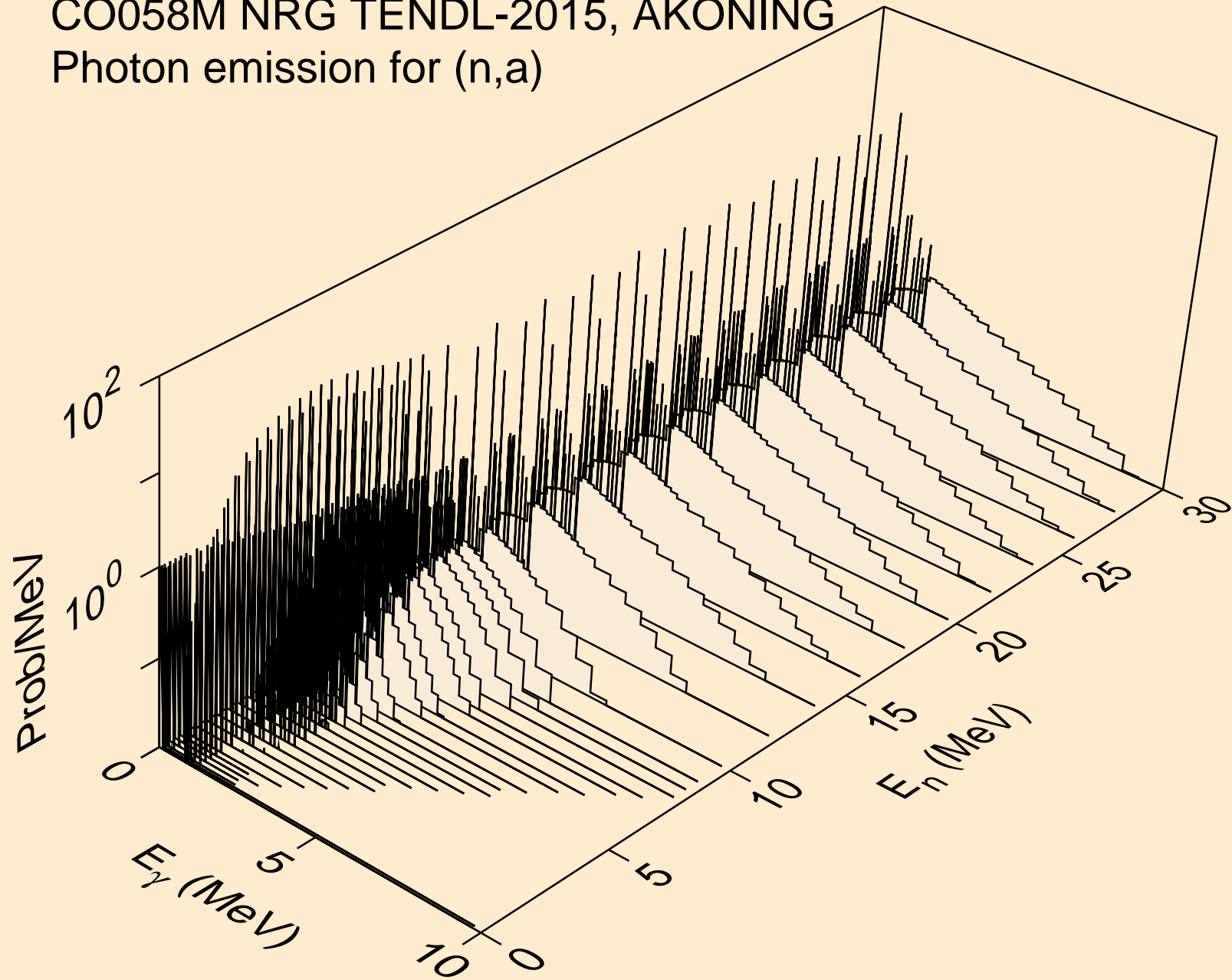
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,t)



CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

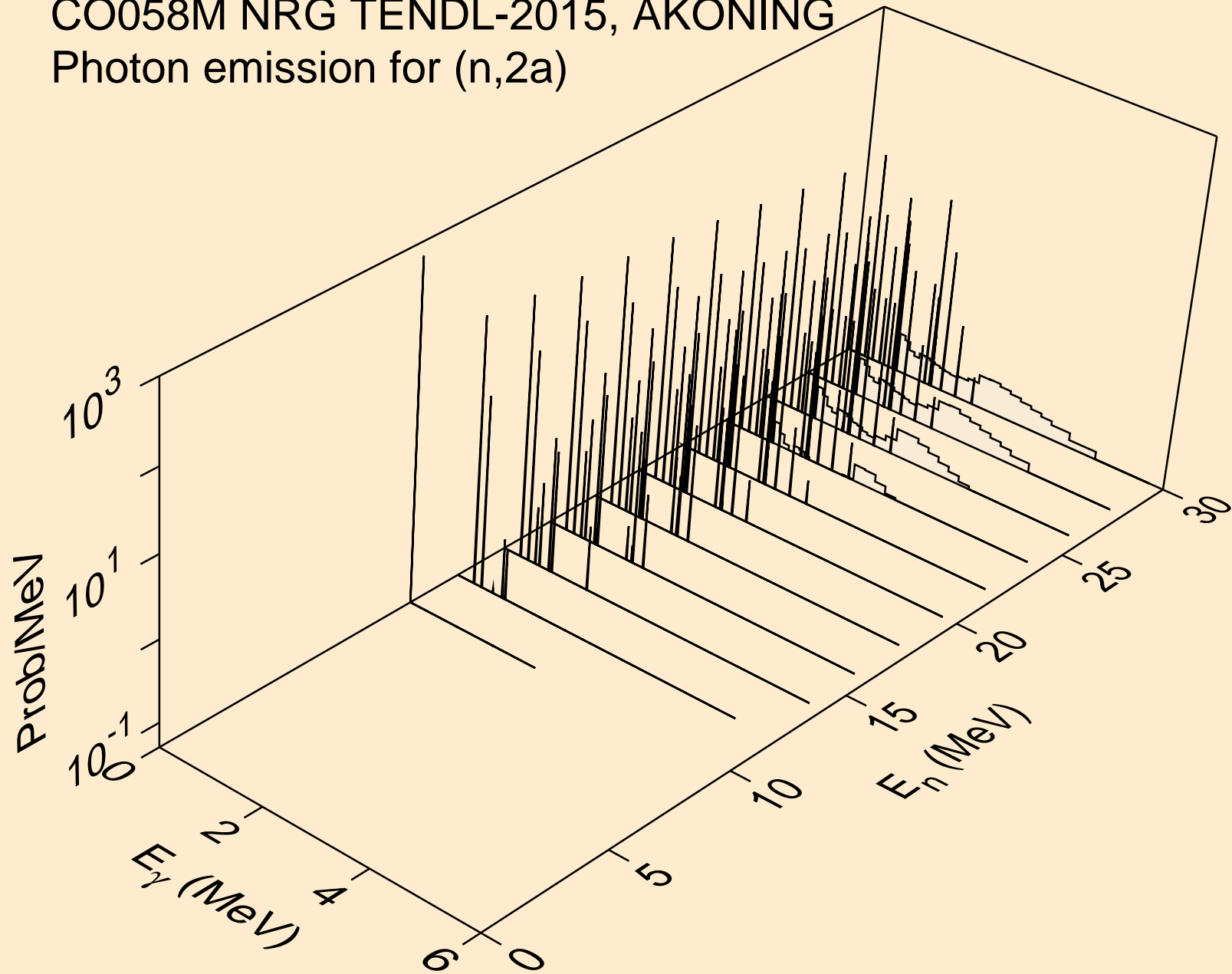


CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,a)

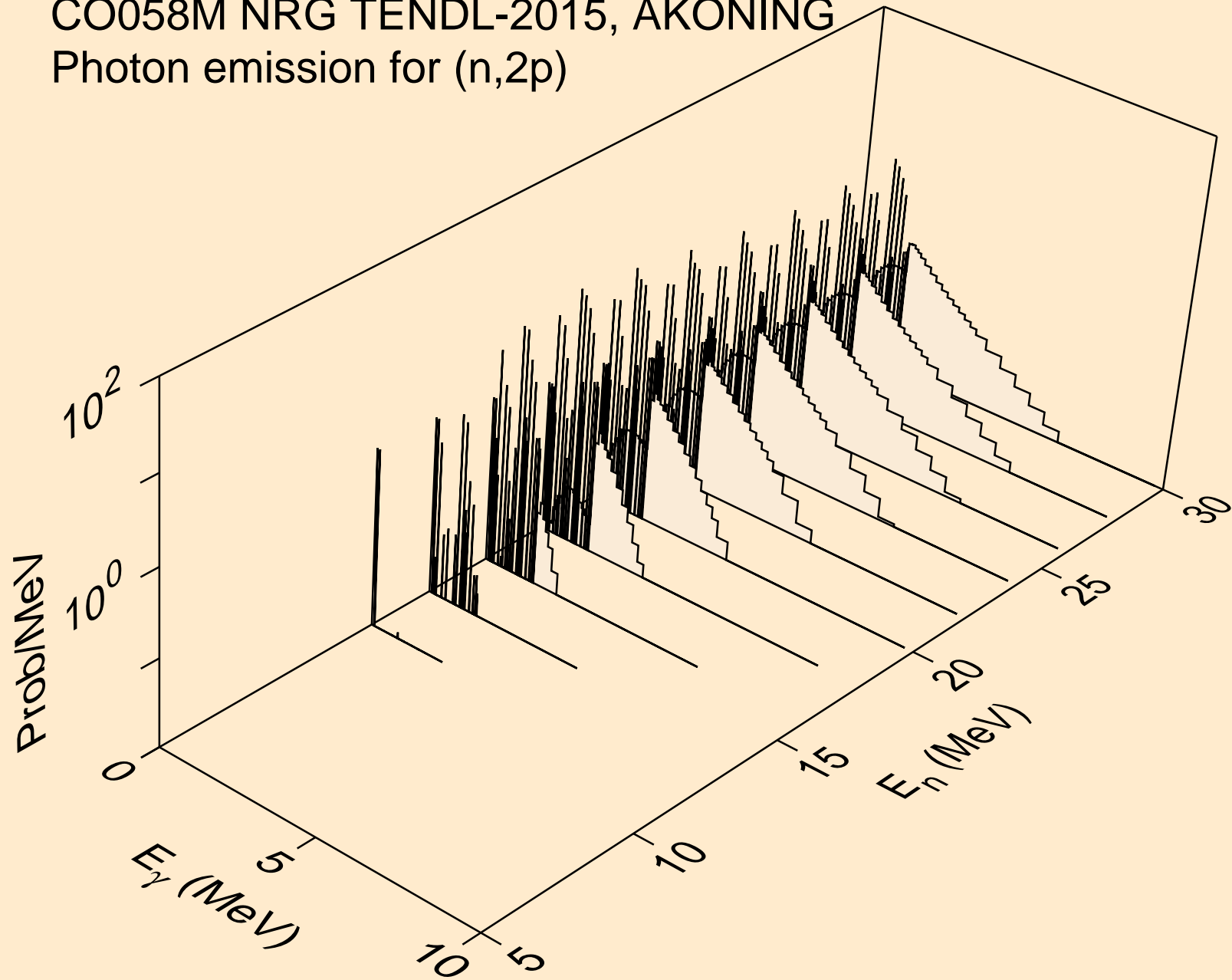




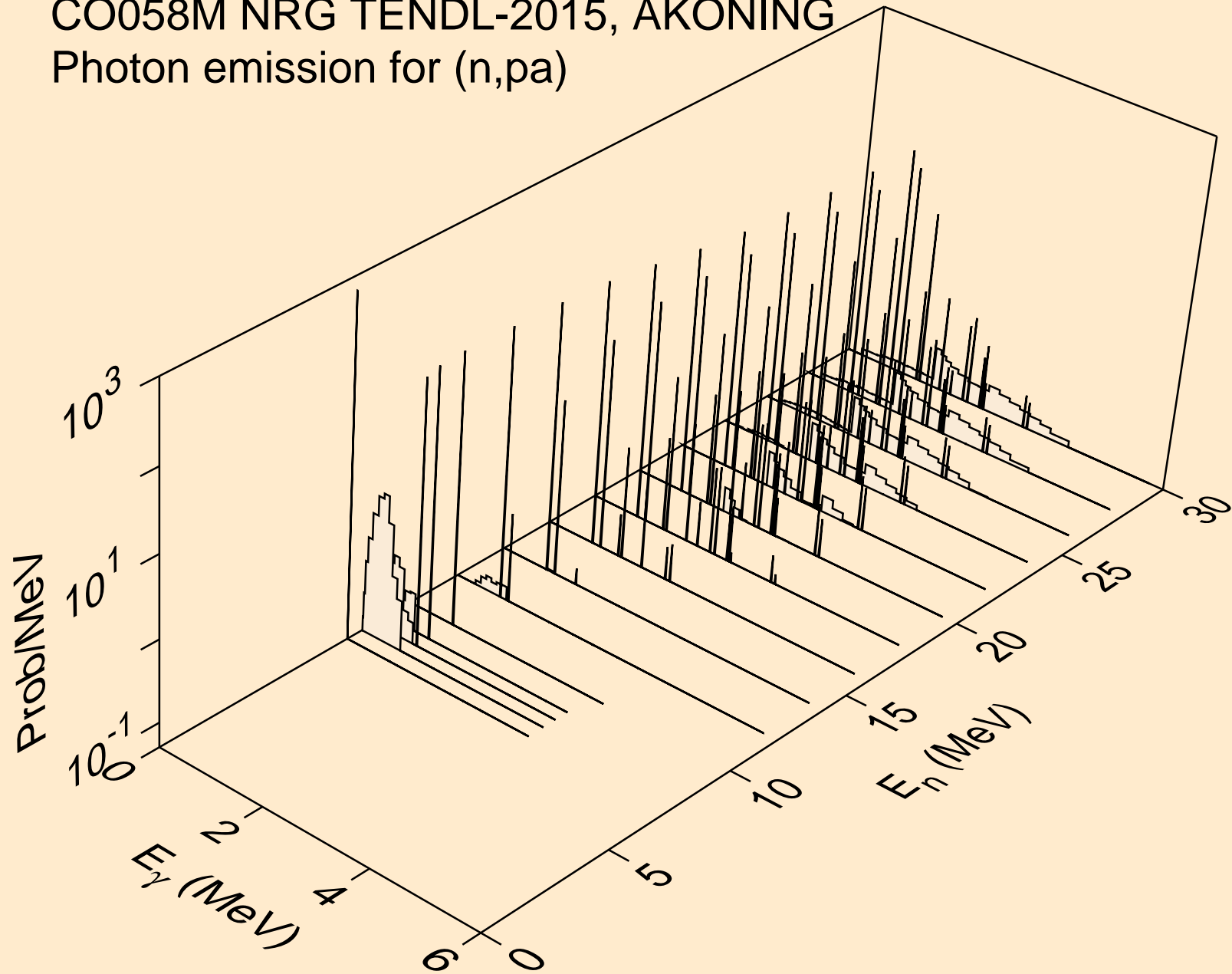
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Photon emission for (n,2a)



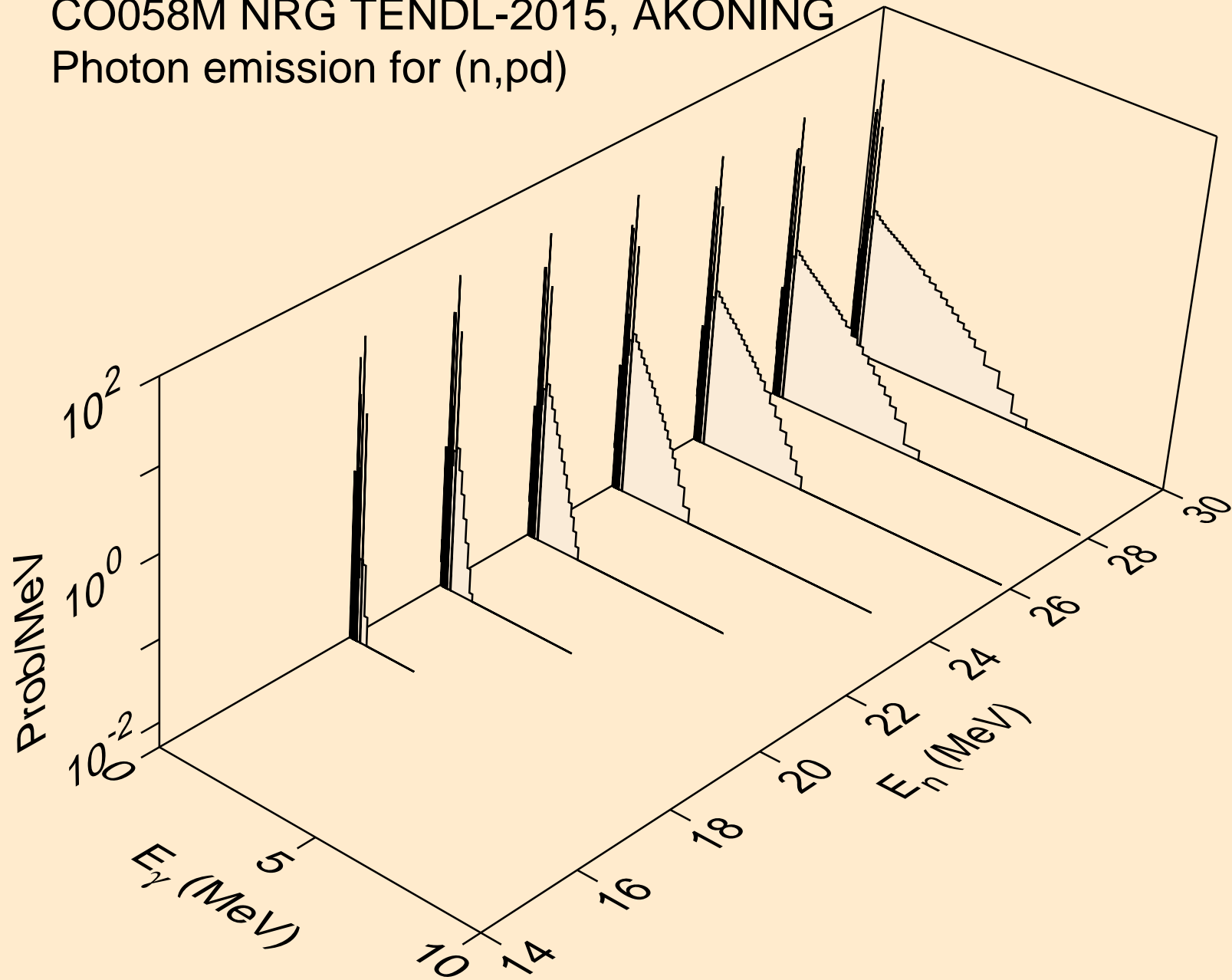
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Photon emission for (n,2p)



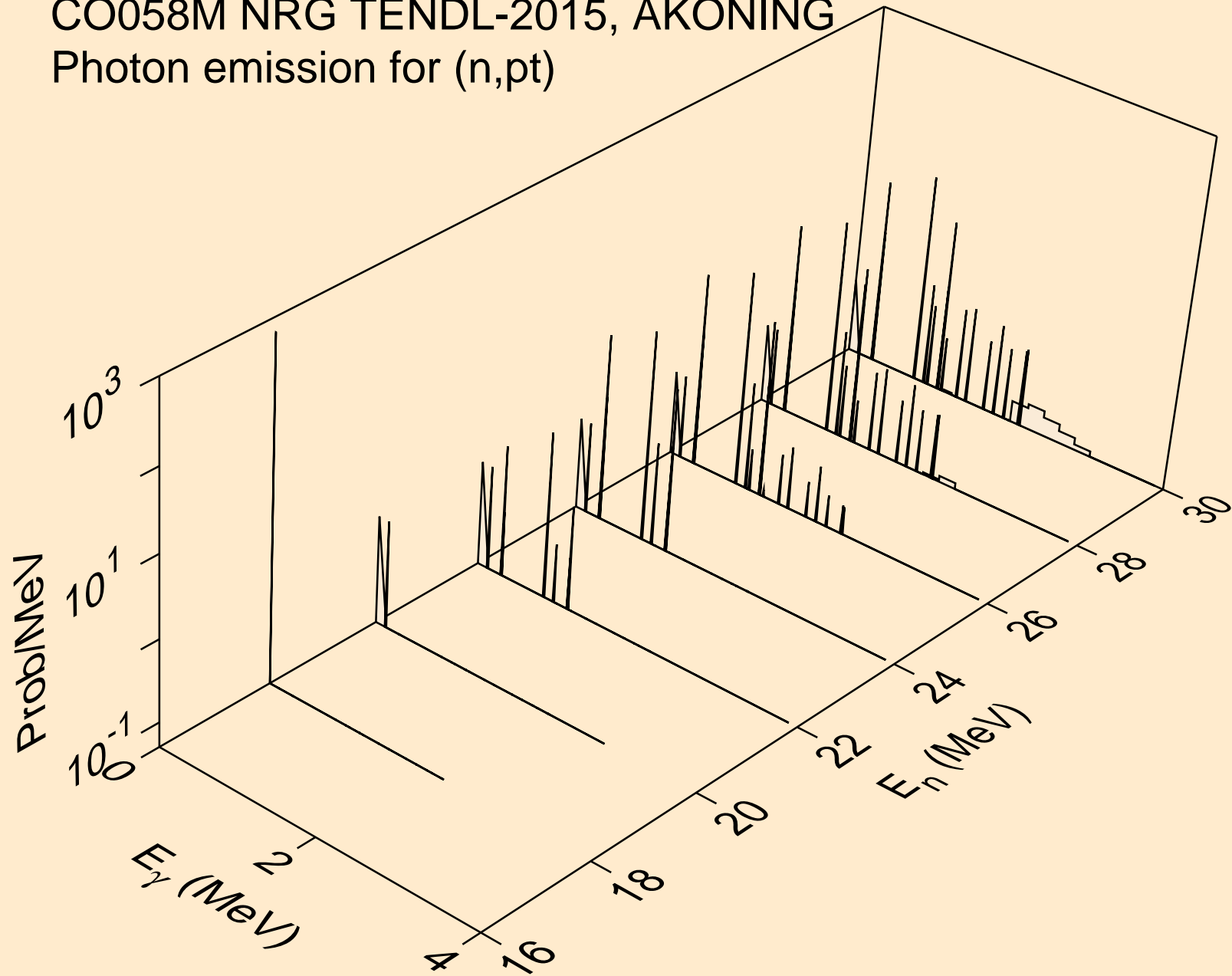
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



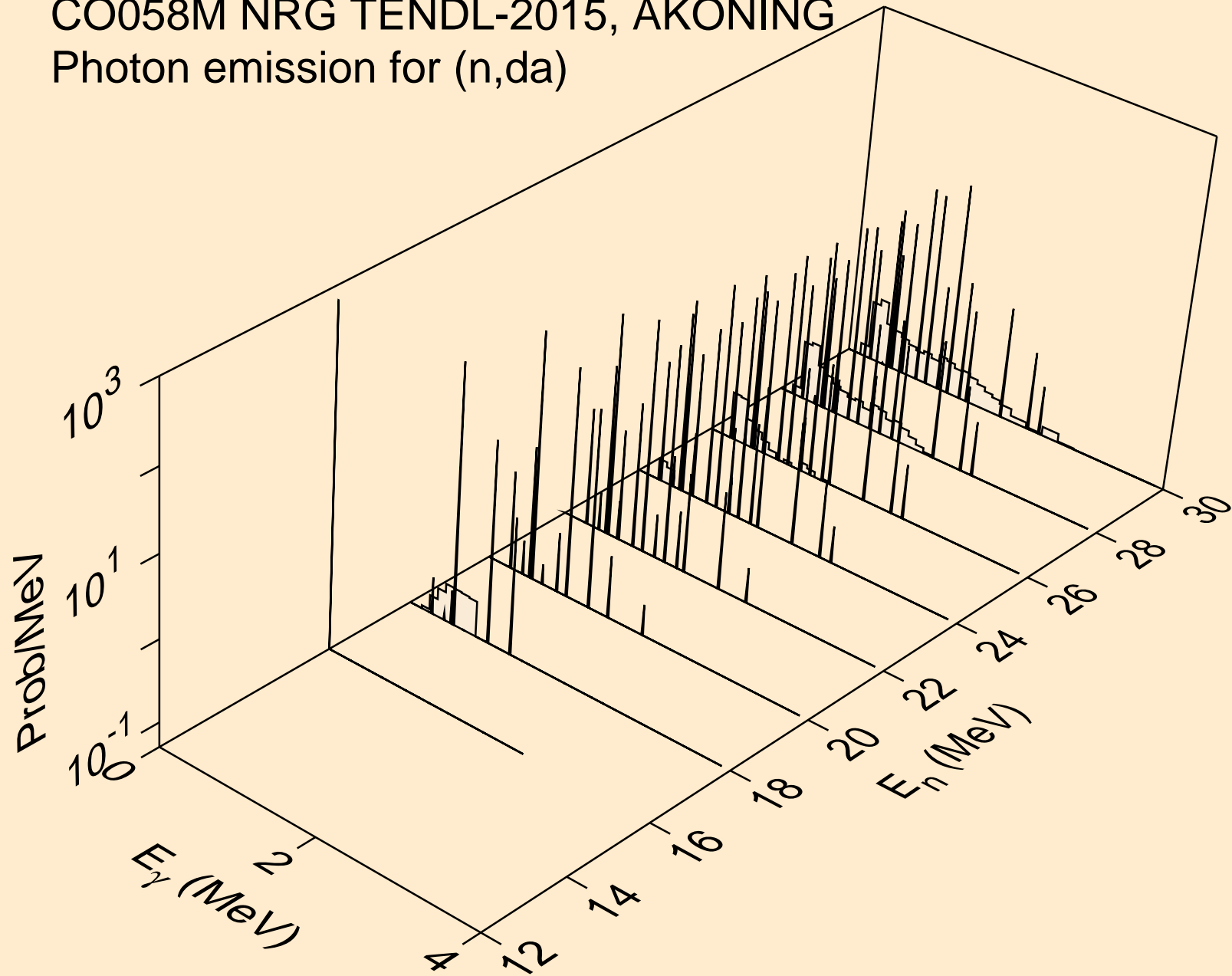
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



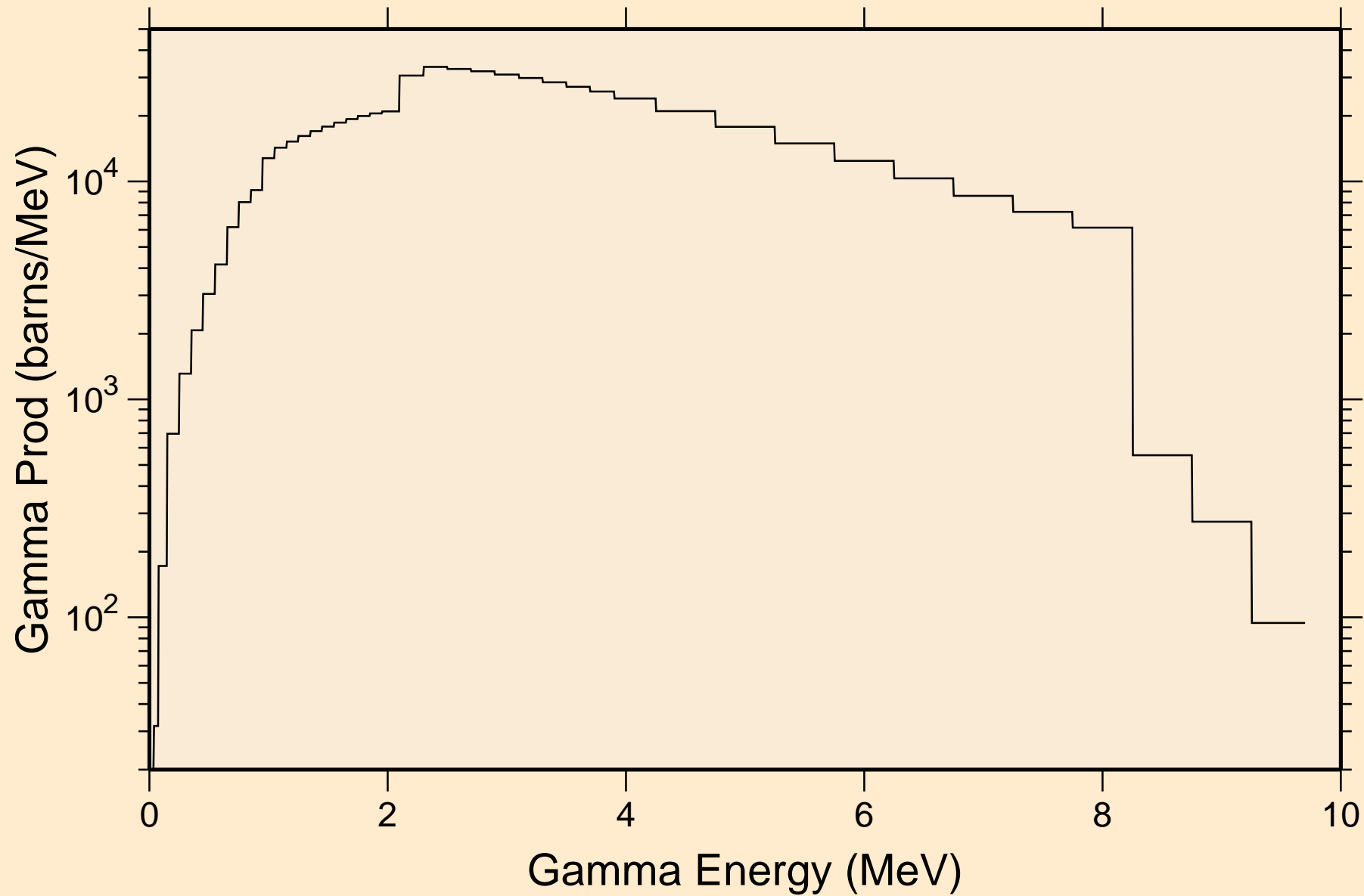
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



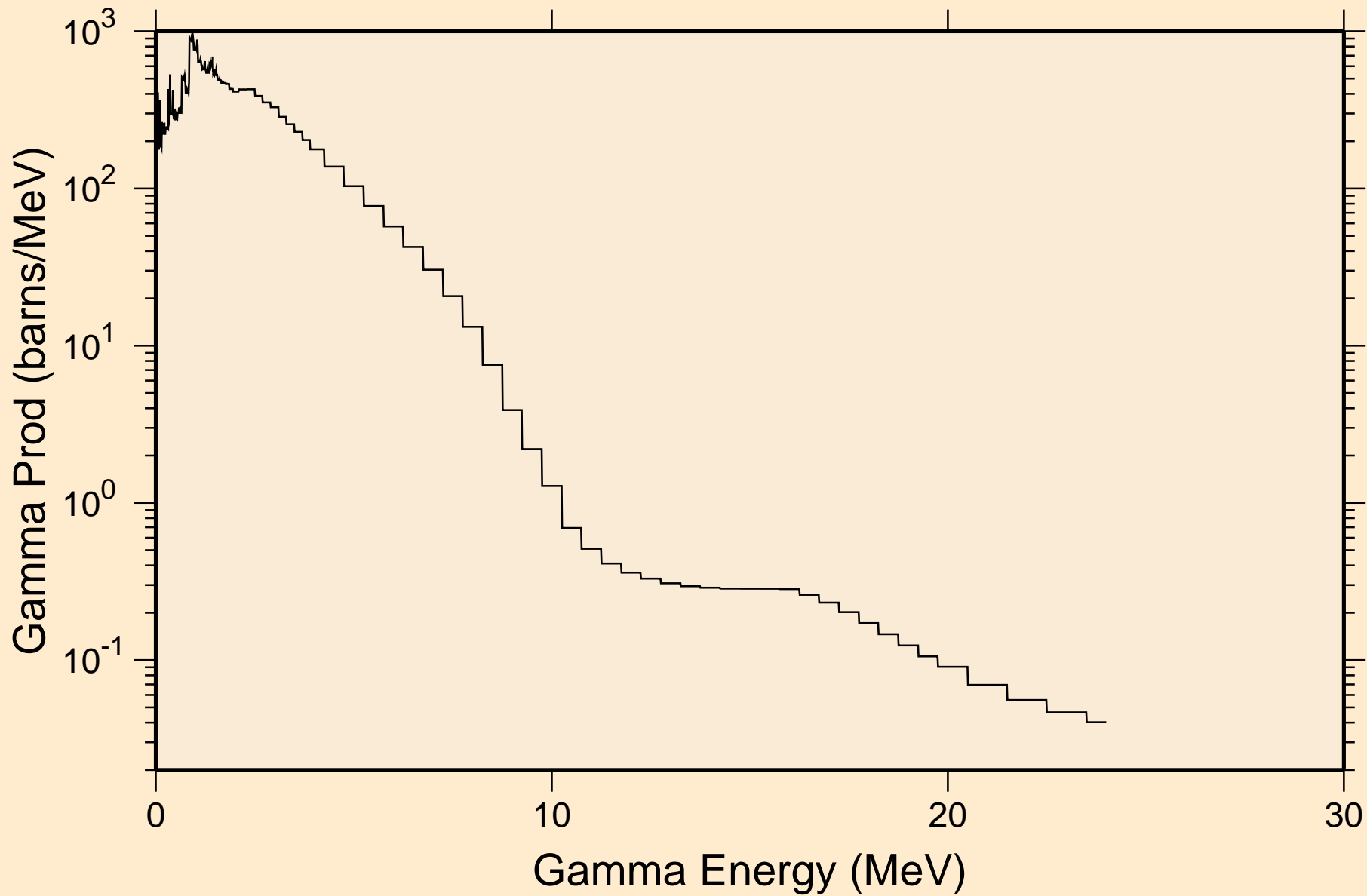
CO058M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CO058M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



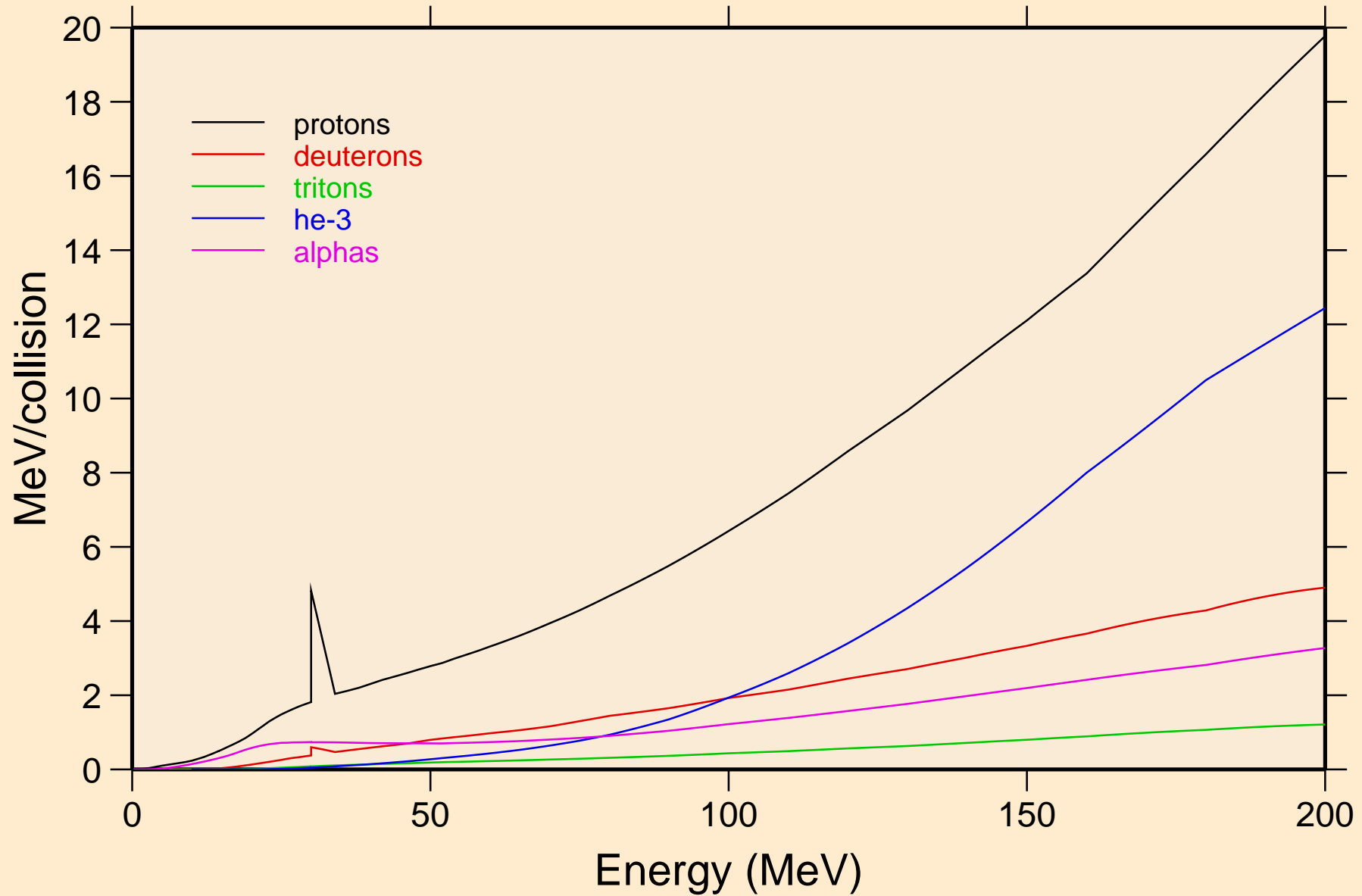
CO058M NRG TENDL-2015, AKONING  
14 MeV photon spectrum





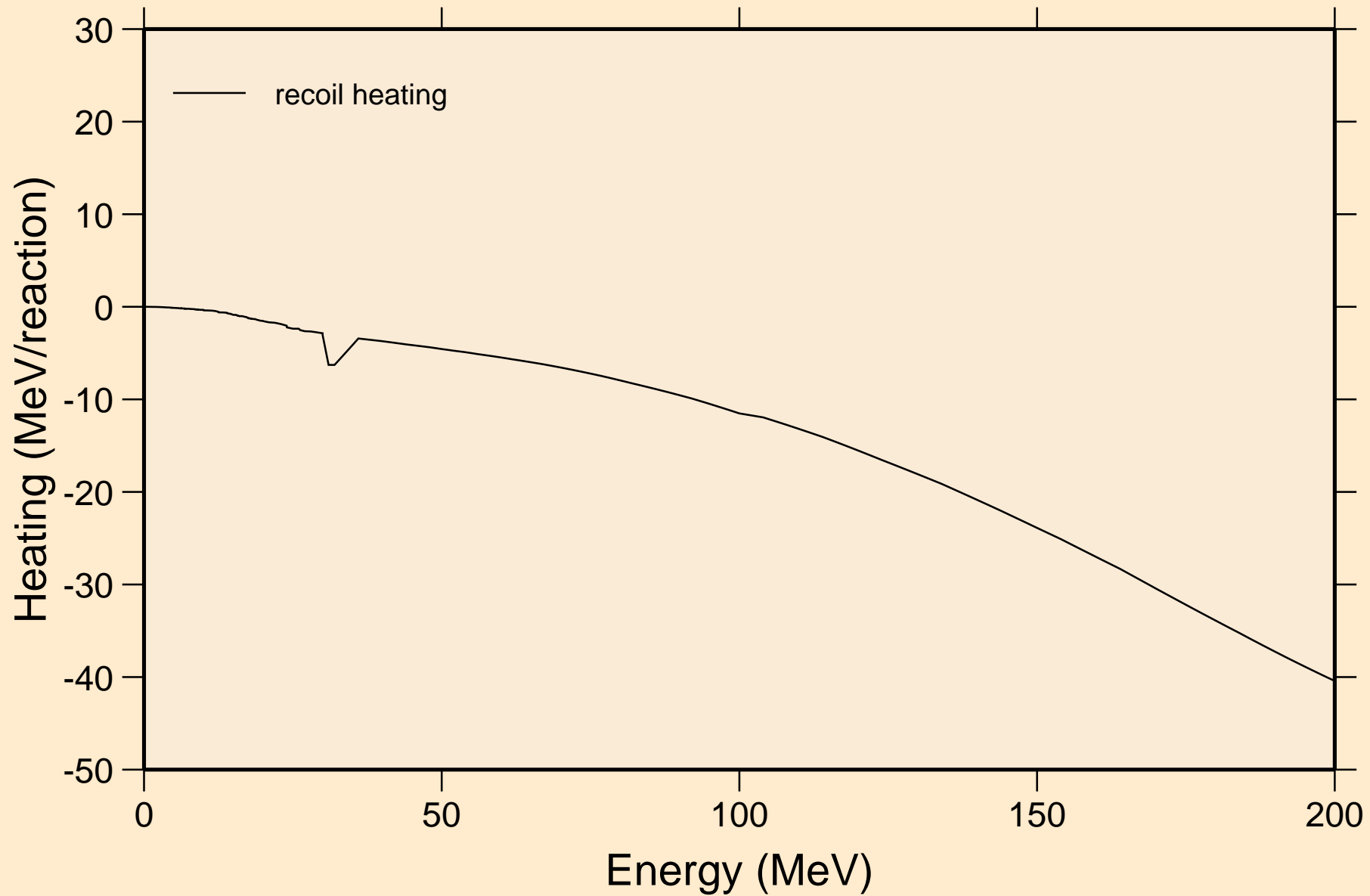
# CO058M NRG TENDL-2015, AKONING

## Particle heating contributions



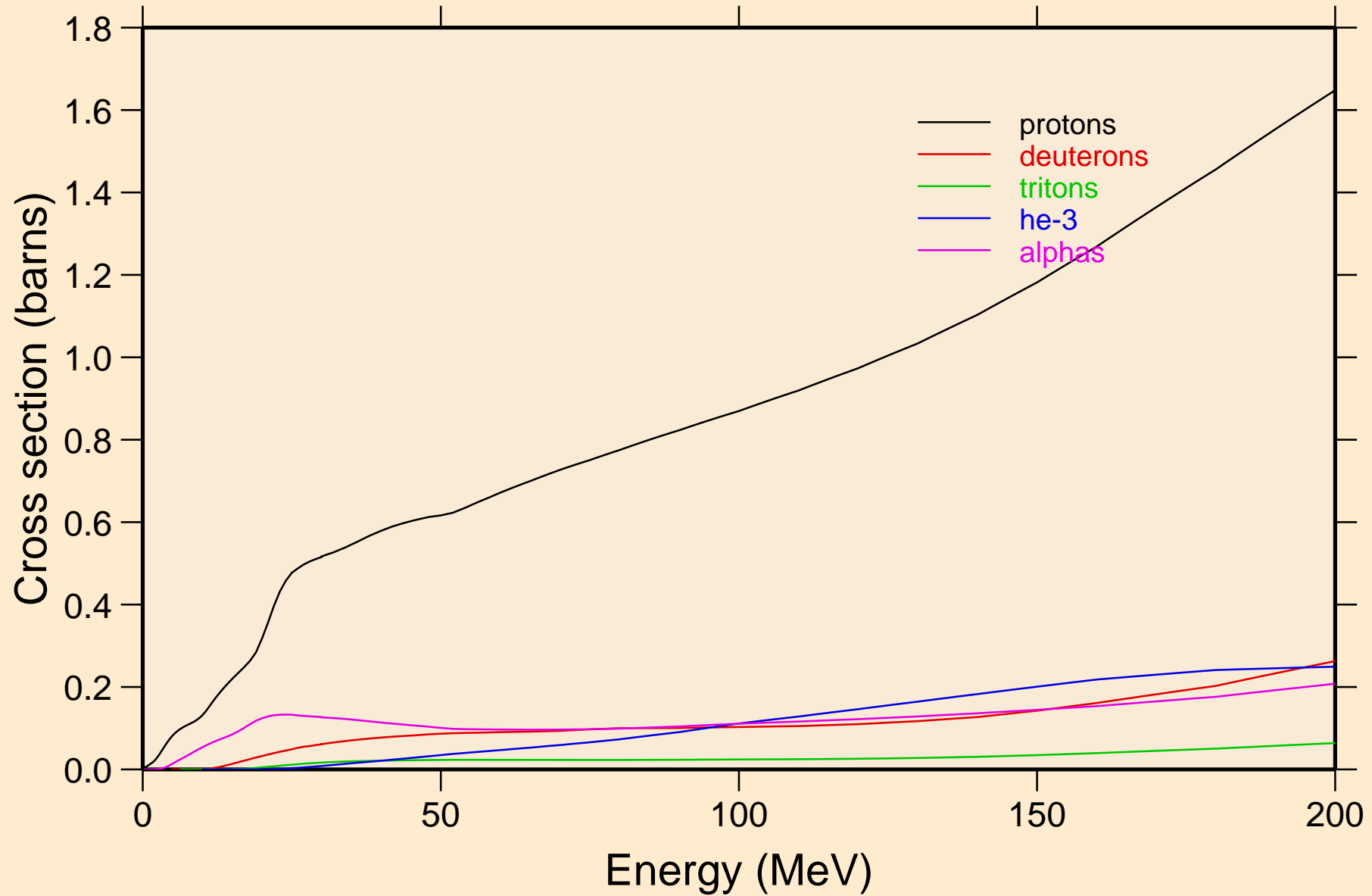
# CO058M NRG TENDL-2015, AKONING

## Recoil Heating

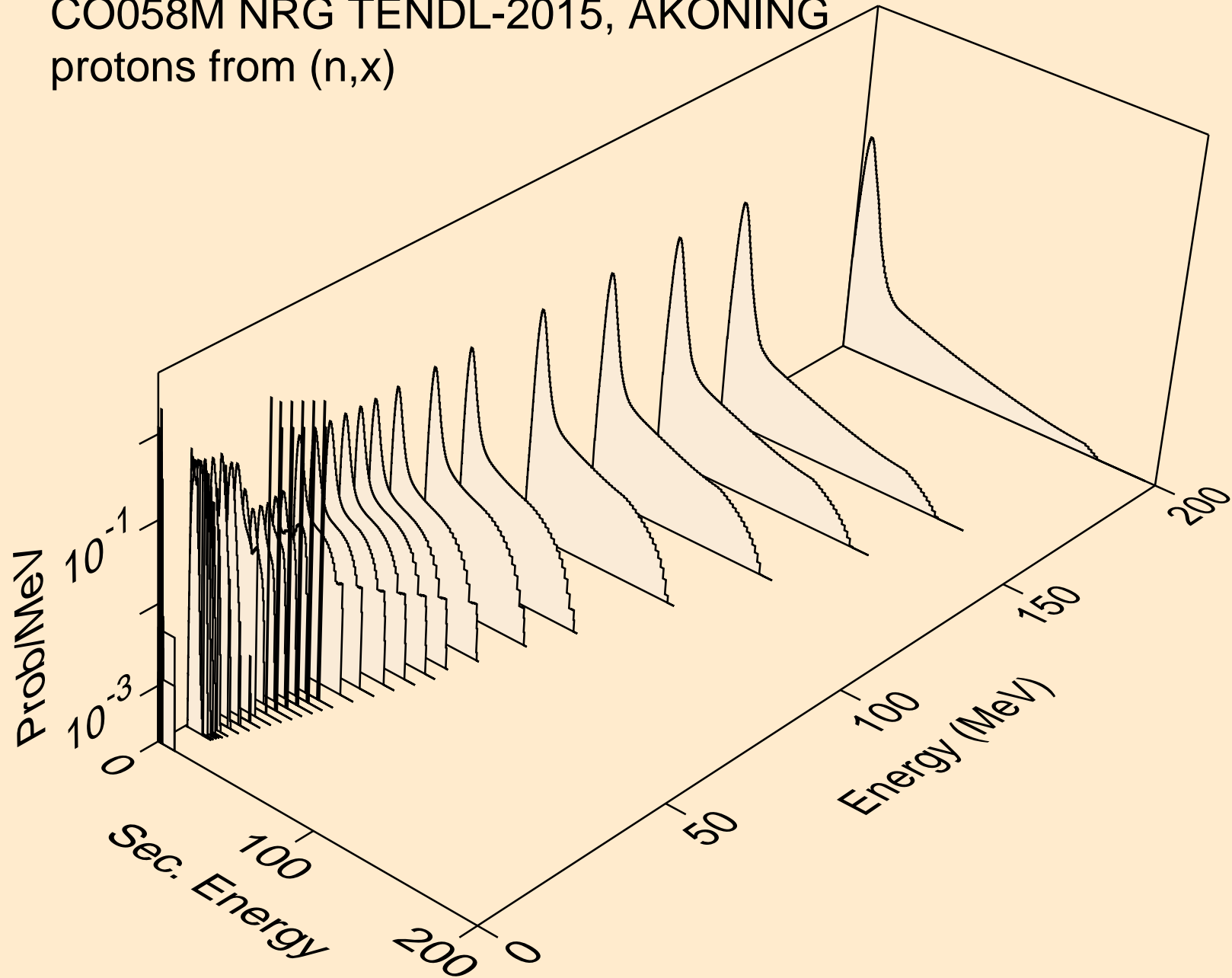


# CO058M NRG TENDL-2015, AKONING

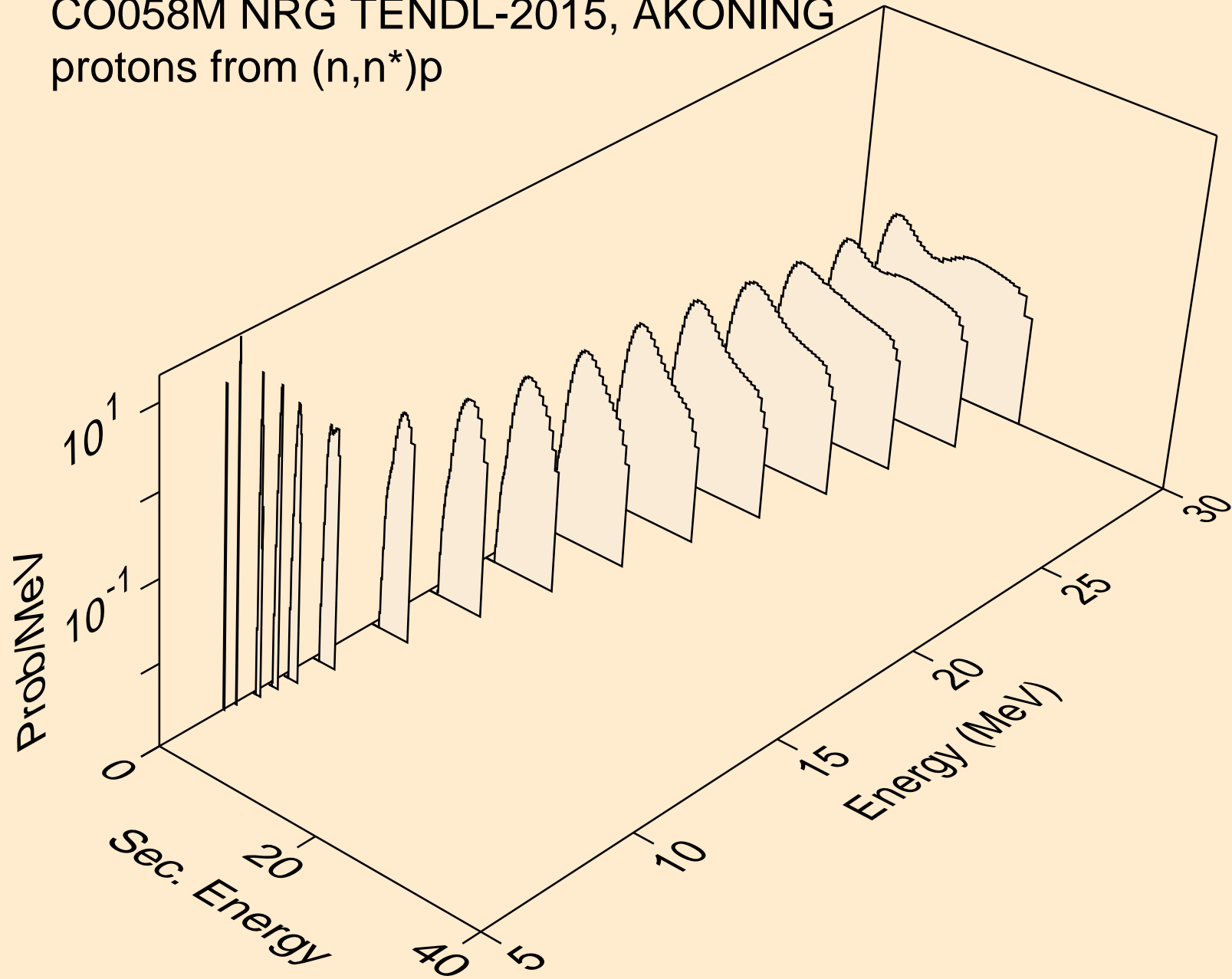
## Particle production cross sections



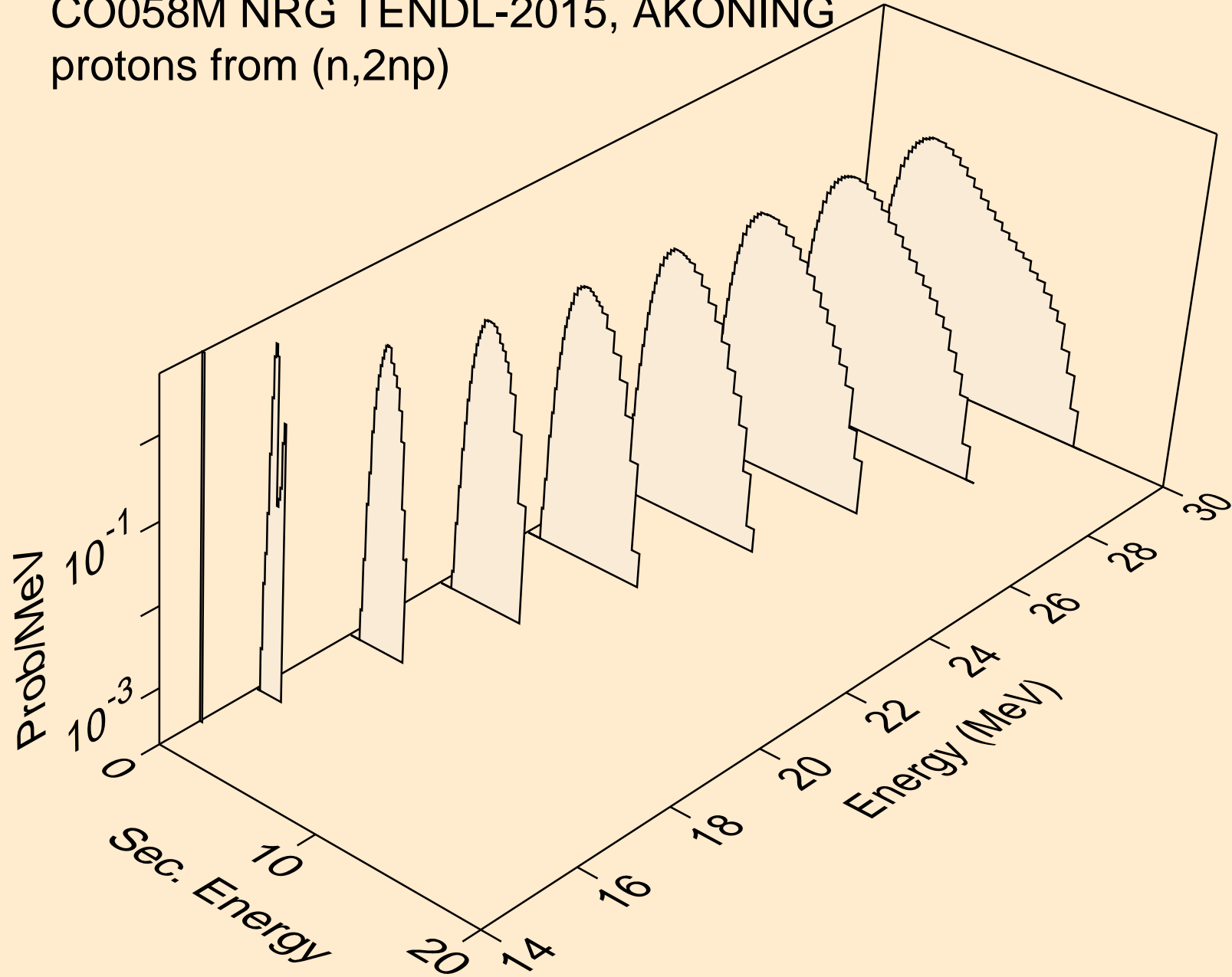
CO058M NRG TENDL-2015, AKONING  
protons from (n,x)



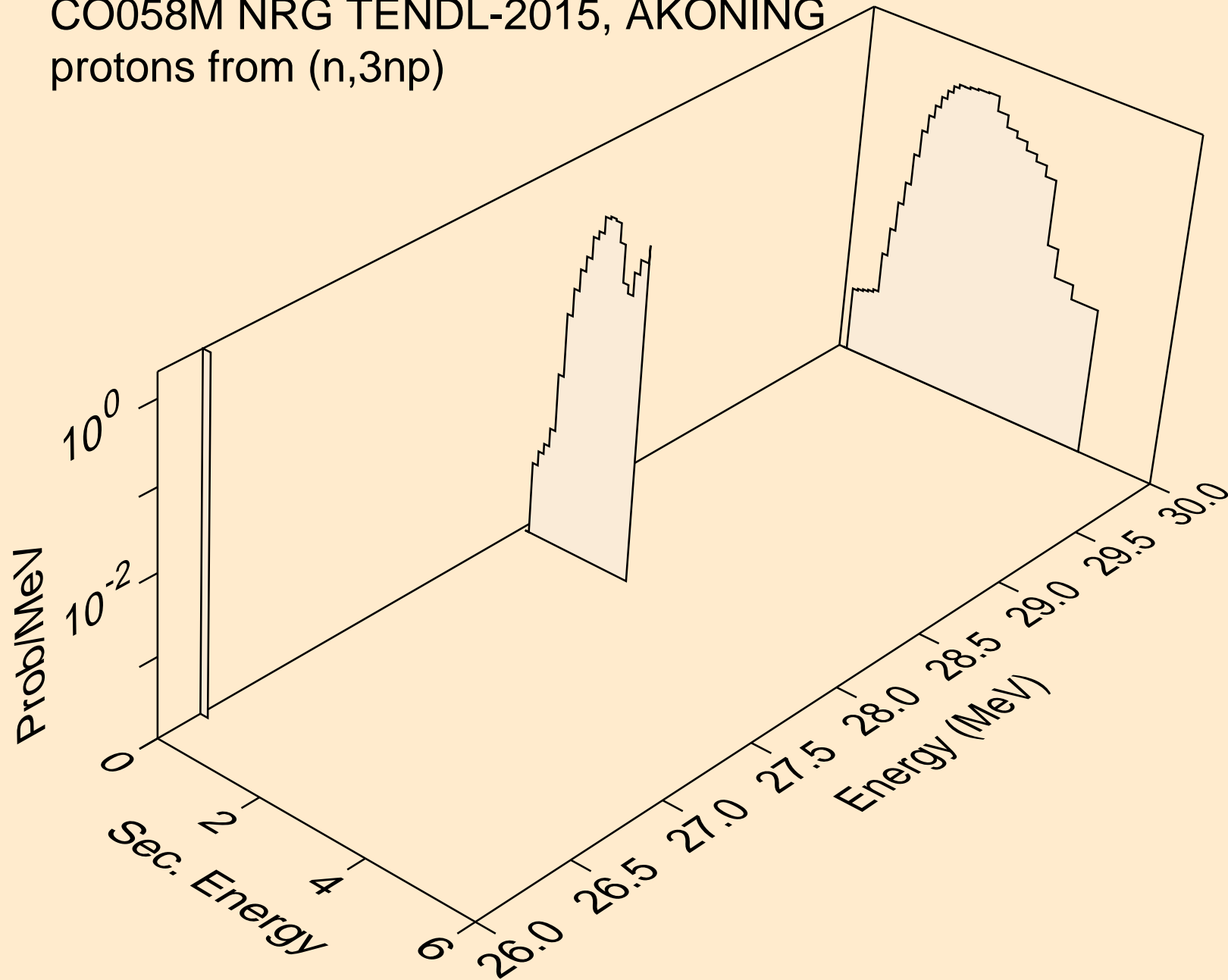
CO058M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



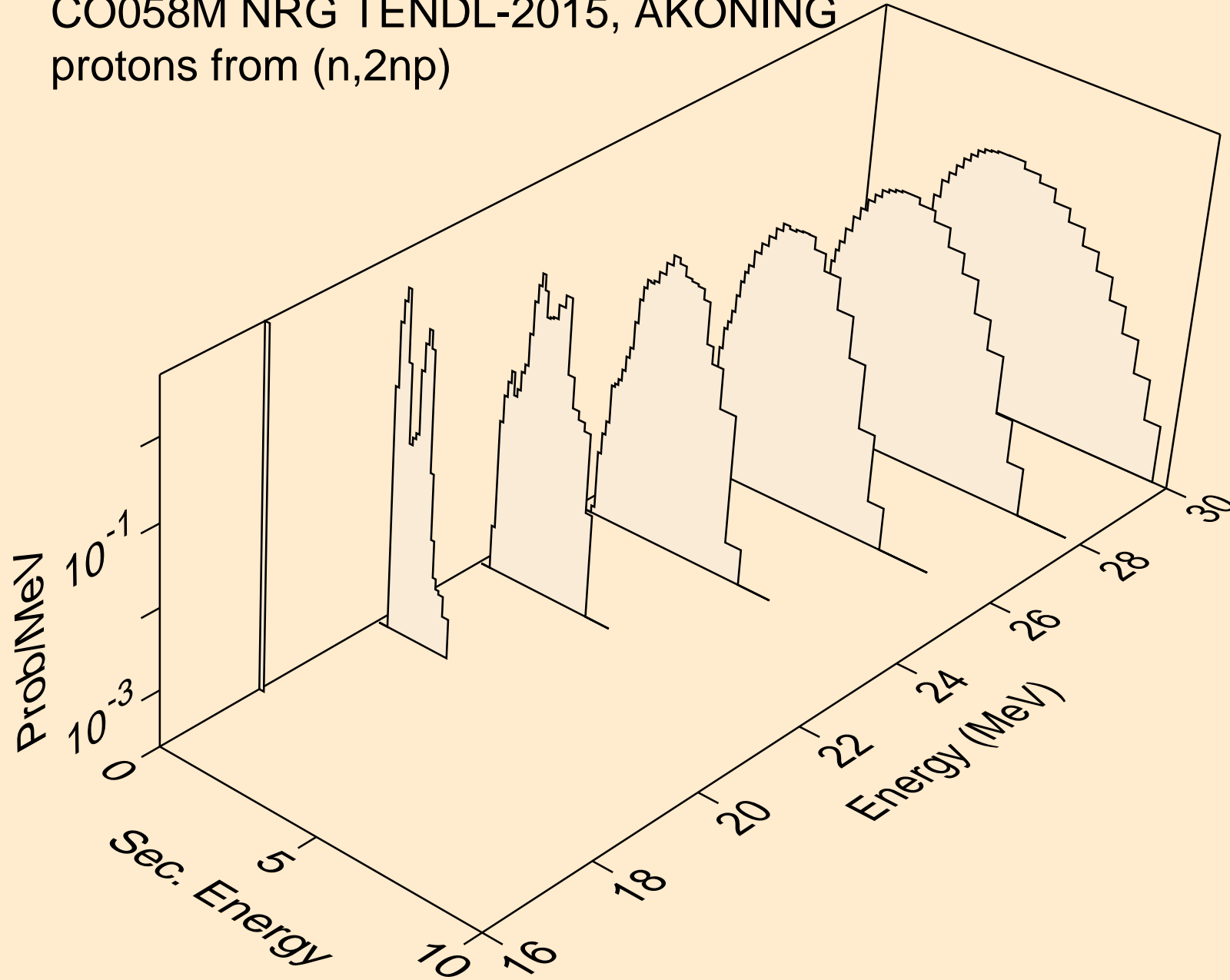
CO058M NRG TENDL-2015, AKONING  
protons from (n,2np)



CO058M NRG TENDL-2015, AKONING  
protons from (n,3np)

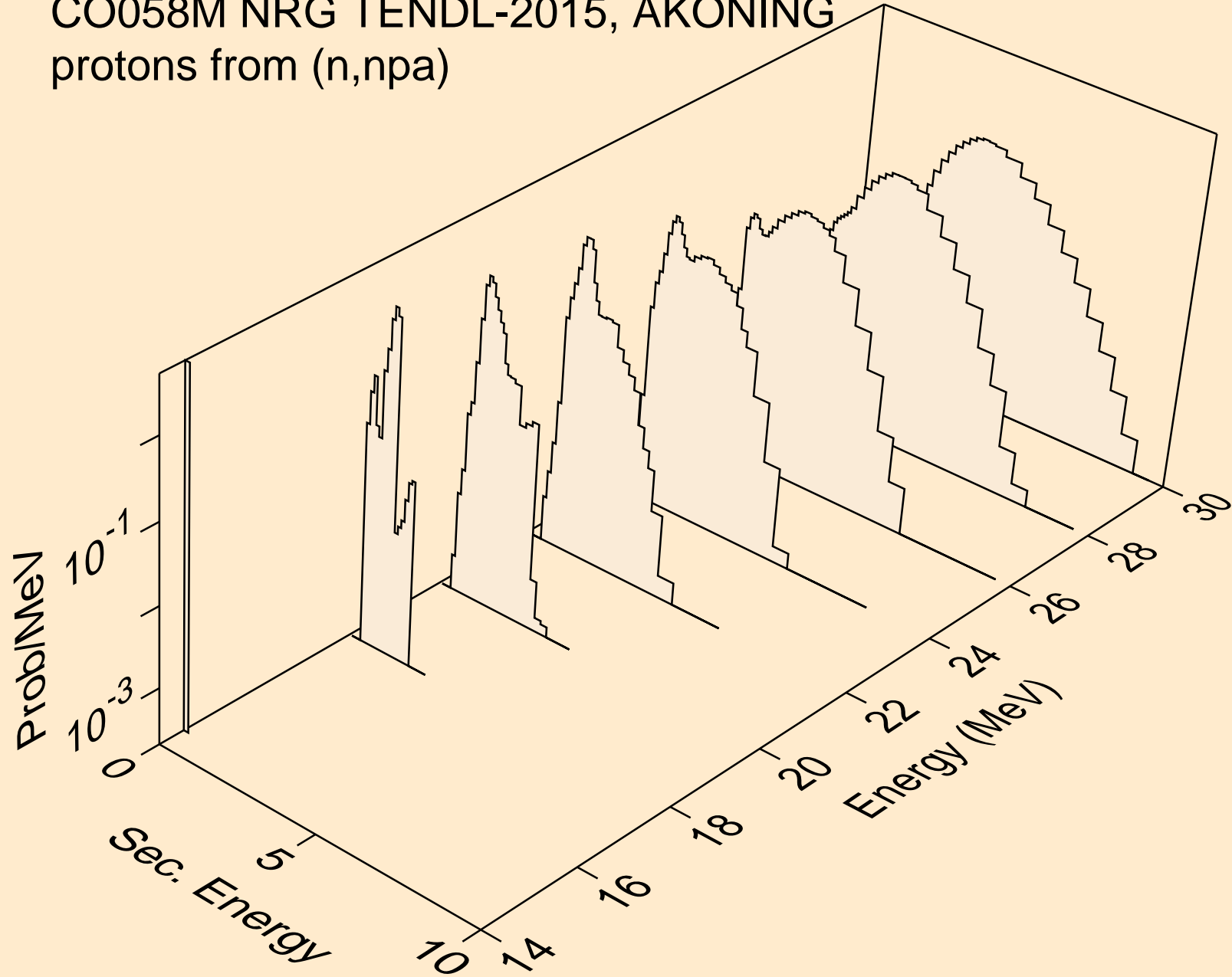


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protons from (n,2np)

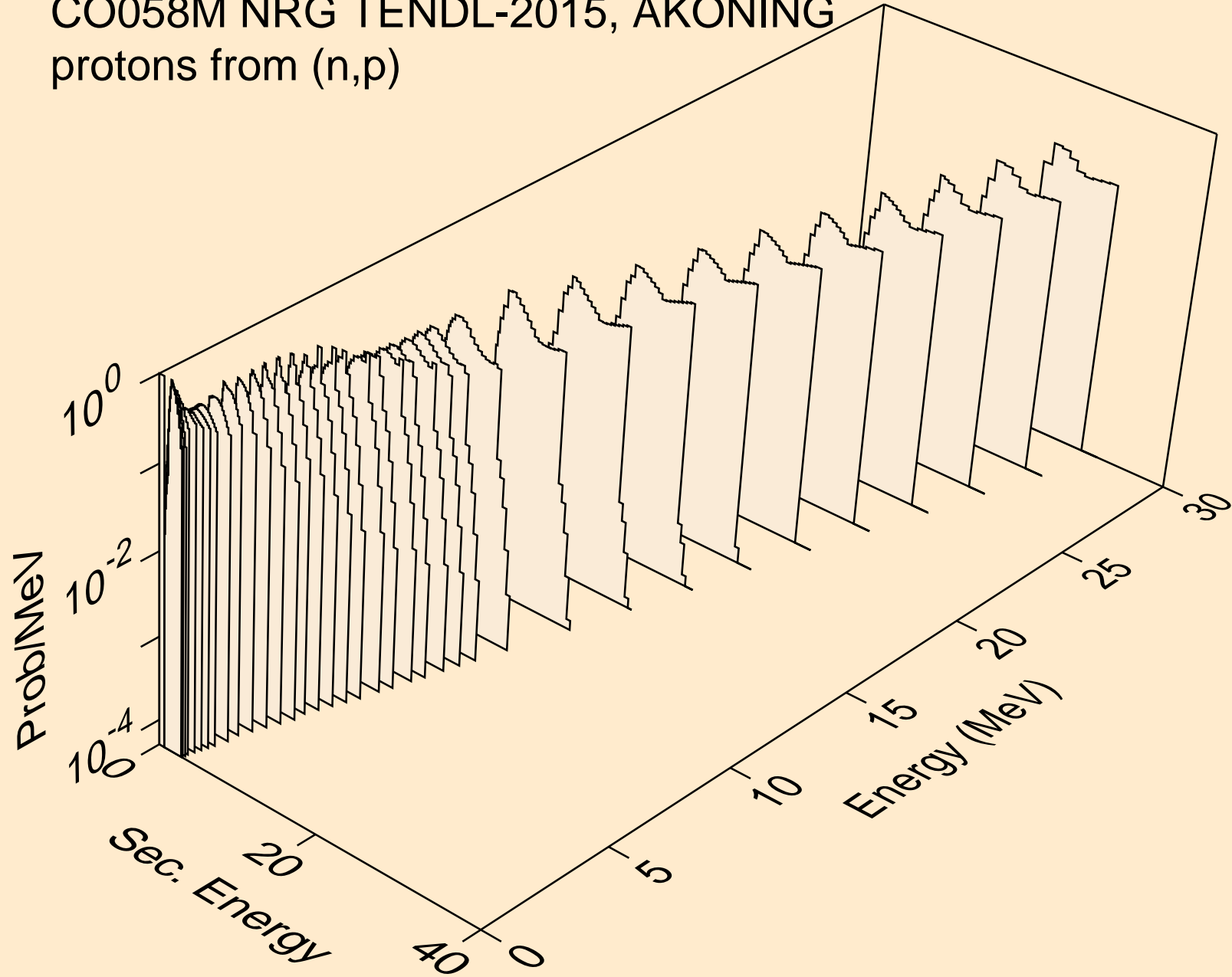




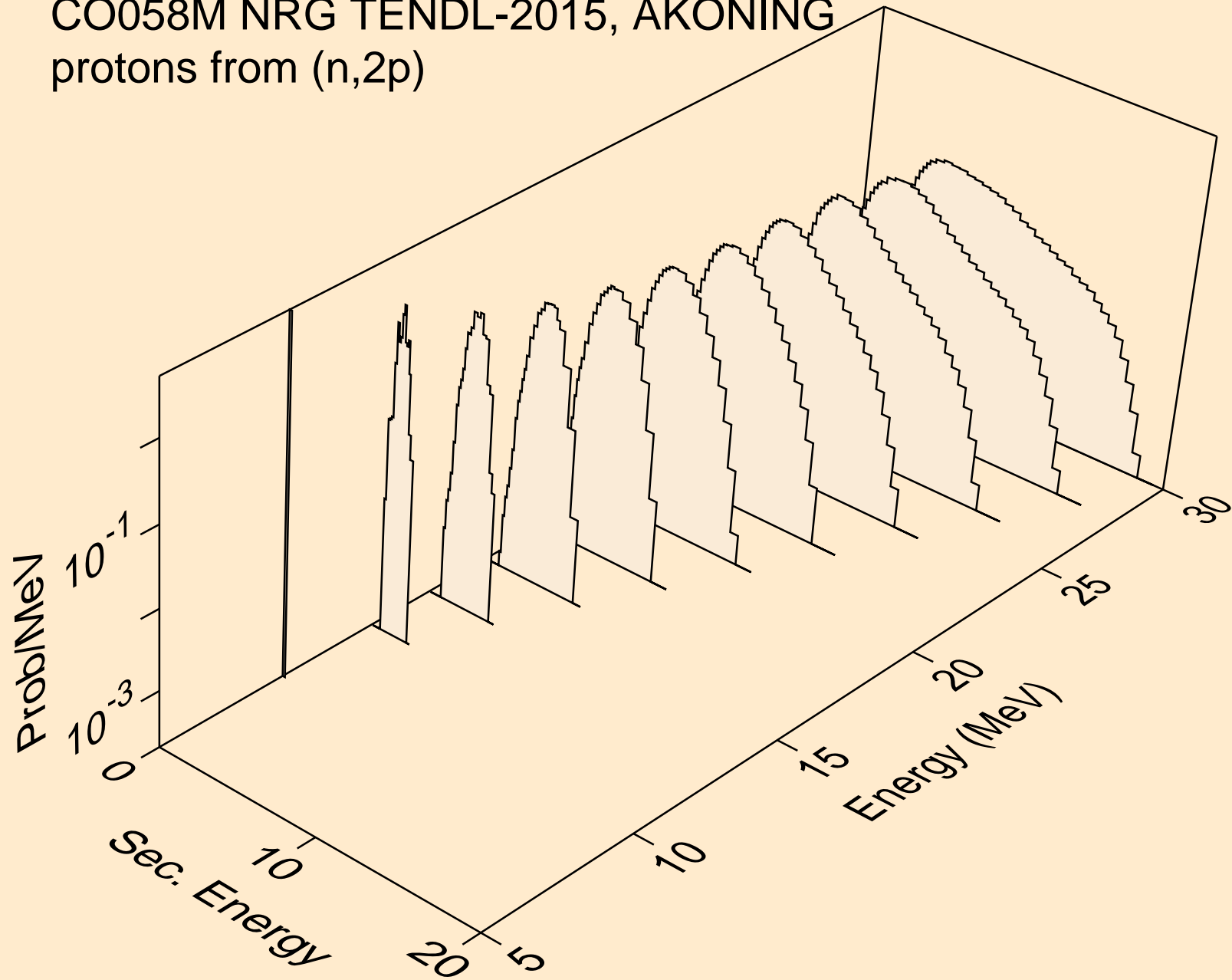
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protons from (n,npa)



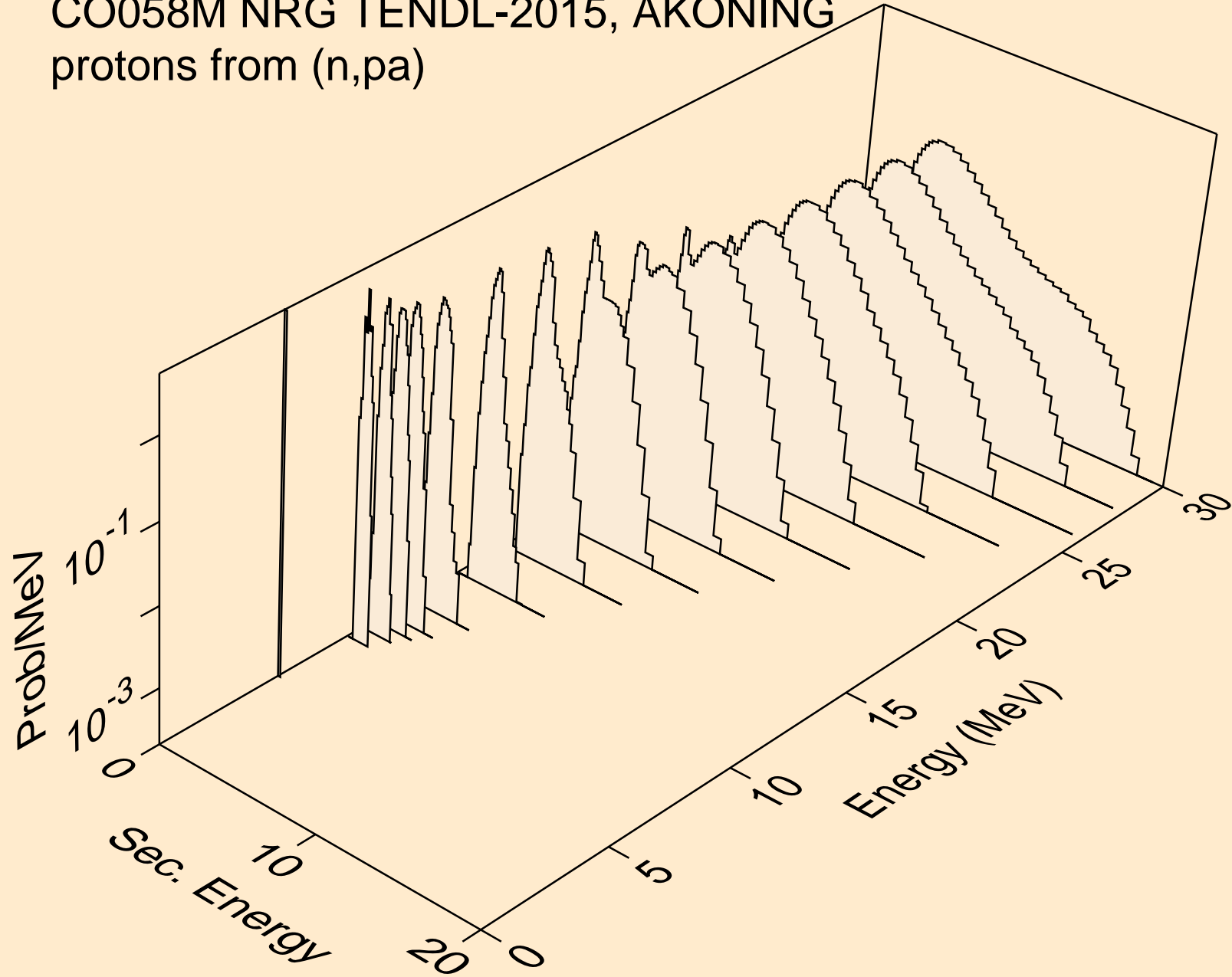
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protons from (n,p)



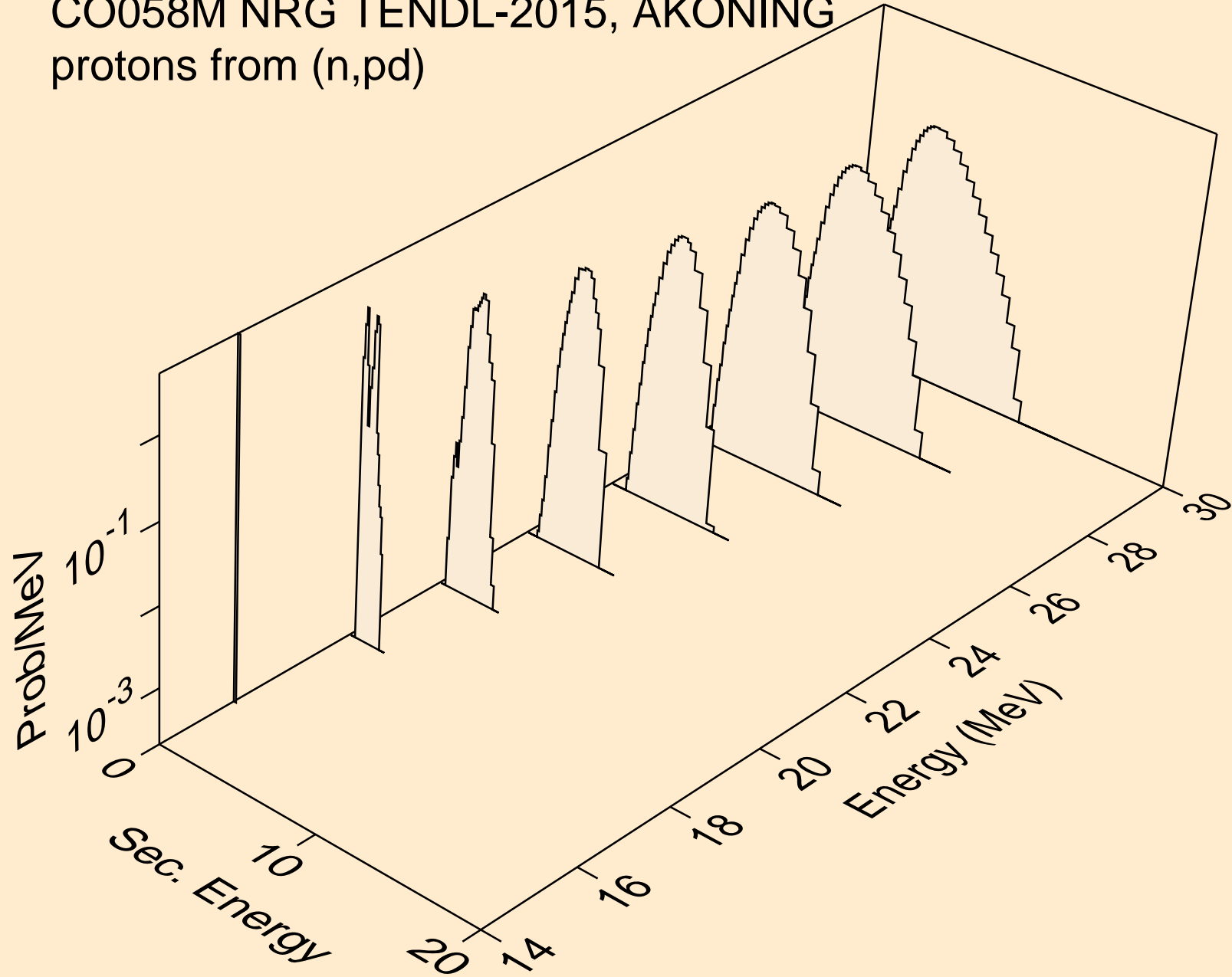
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protons from (n,2p)



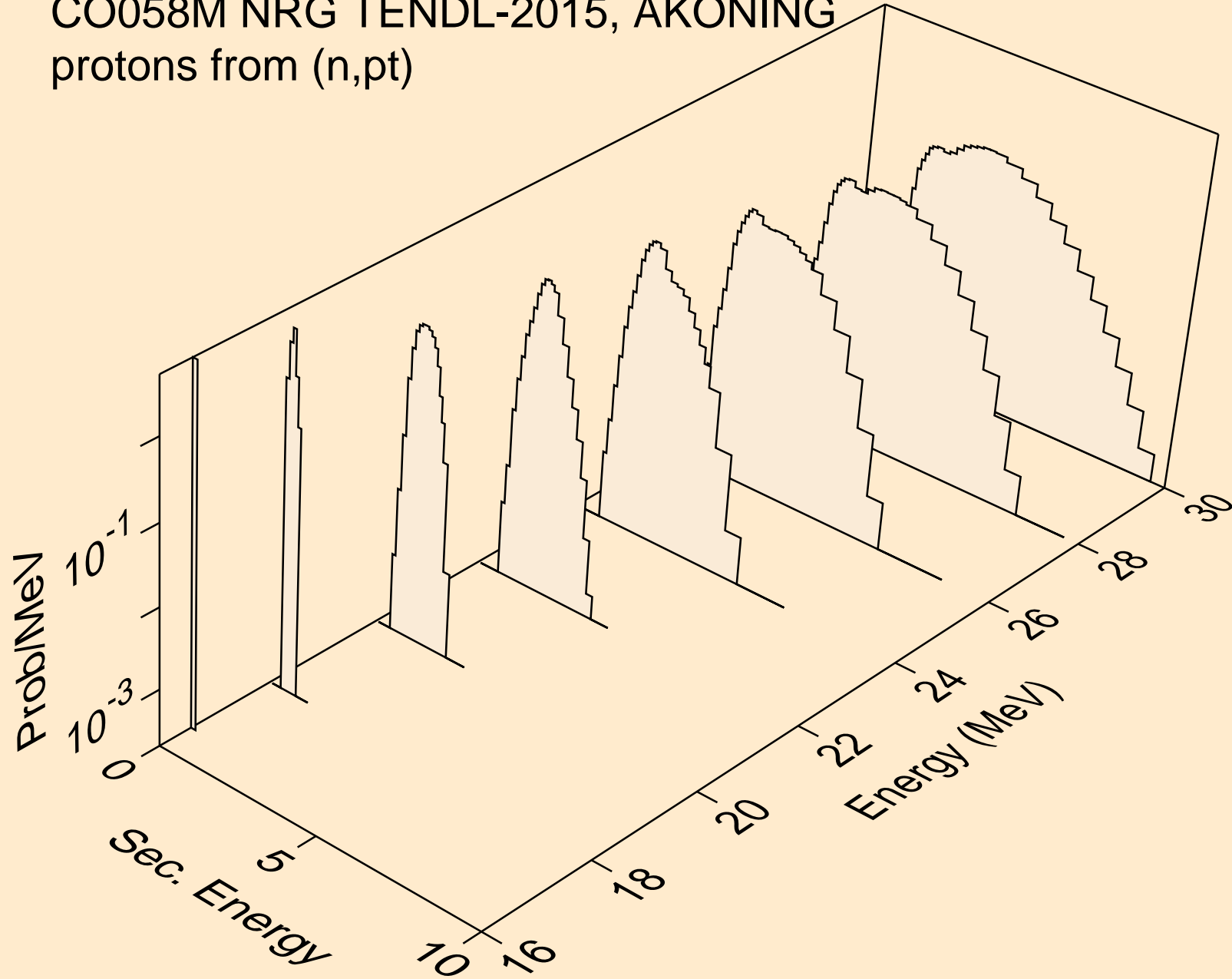
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protons from (n,pa)



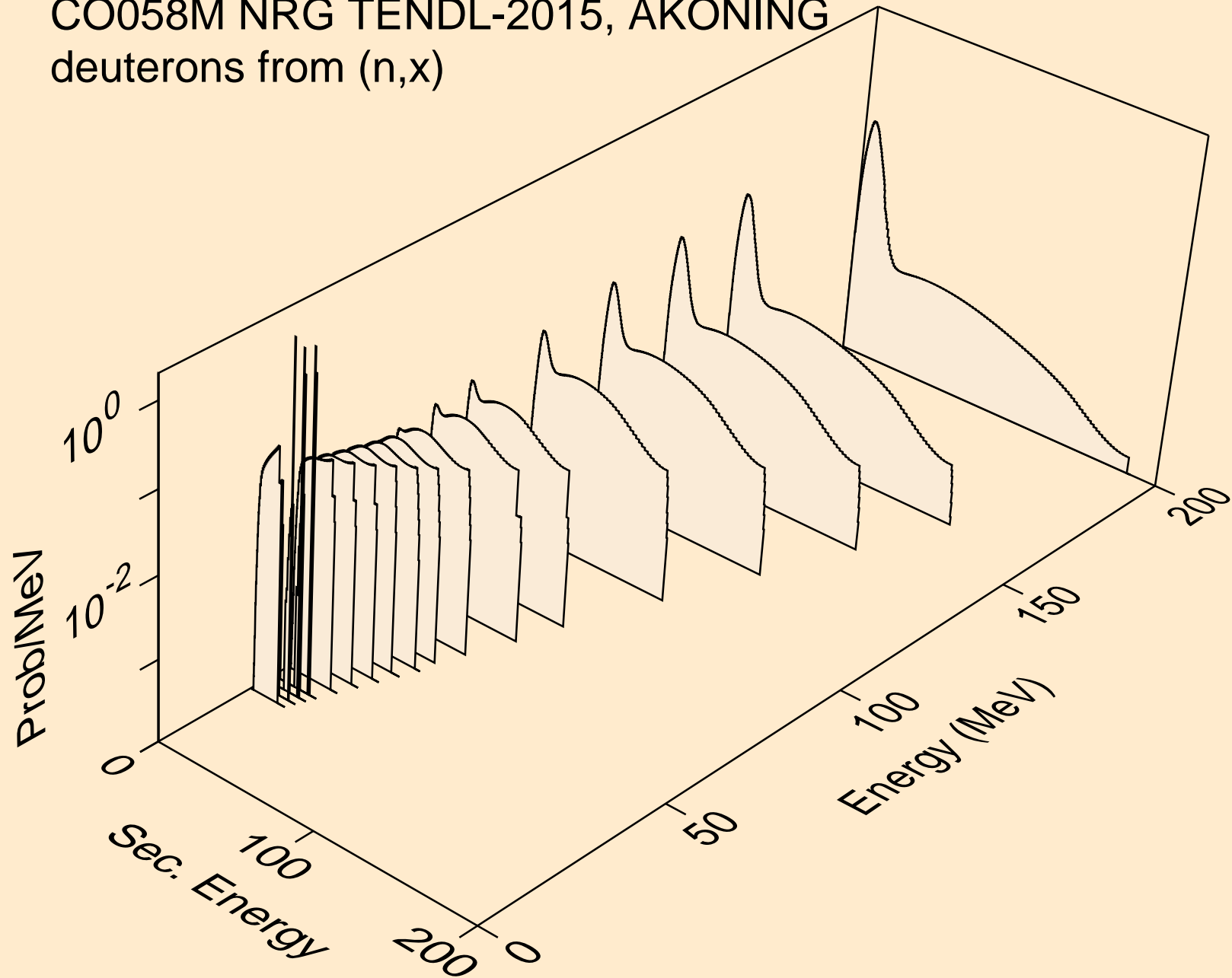
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protons from (n,pd)



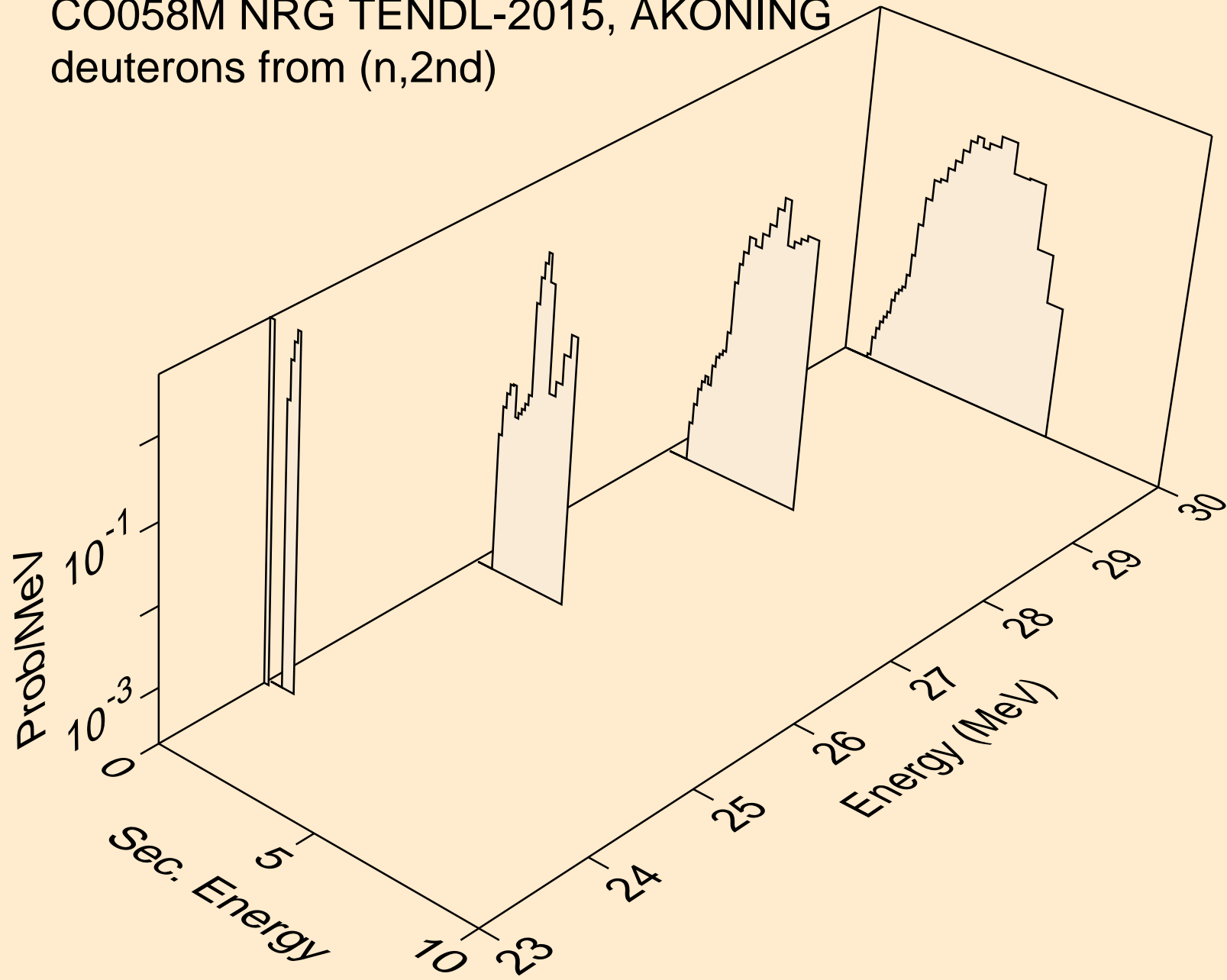
CO058M NRG TENDL-2015, AKONING  
protons from (n,pt)



CO058M NRG TENDL-2015, AKONING  
deuterons from (n,x)

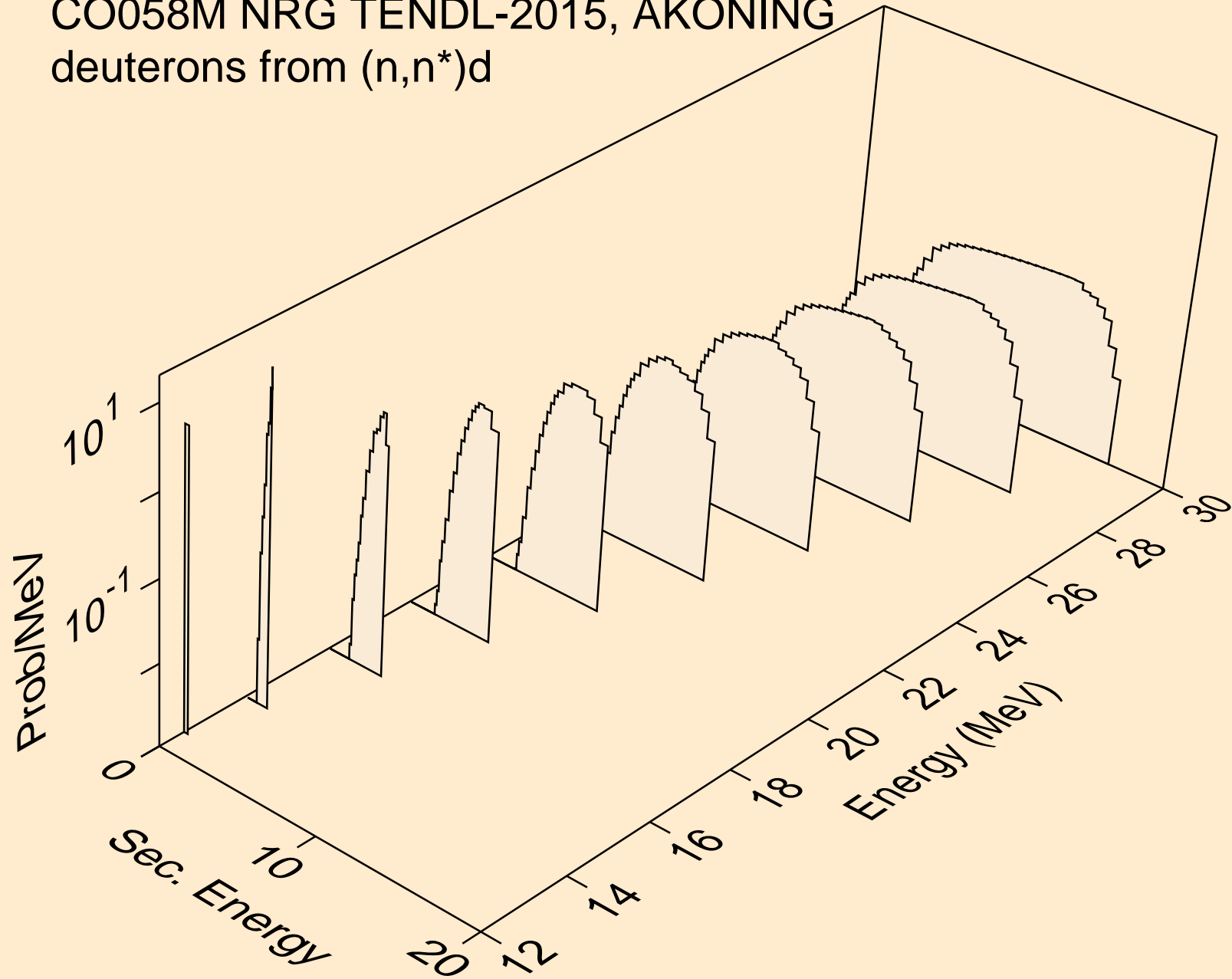


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deuterons from (n,2nd)

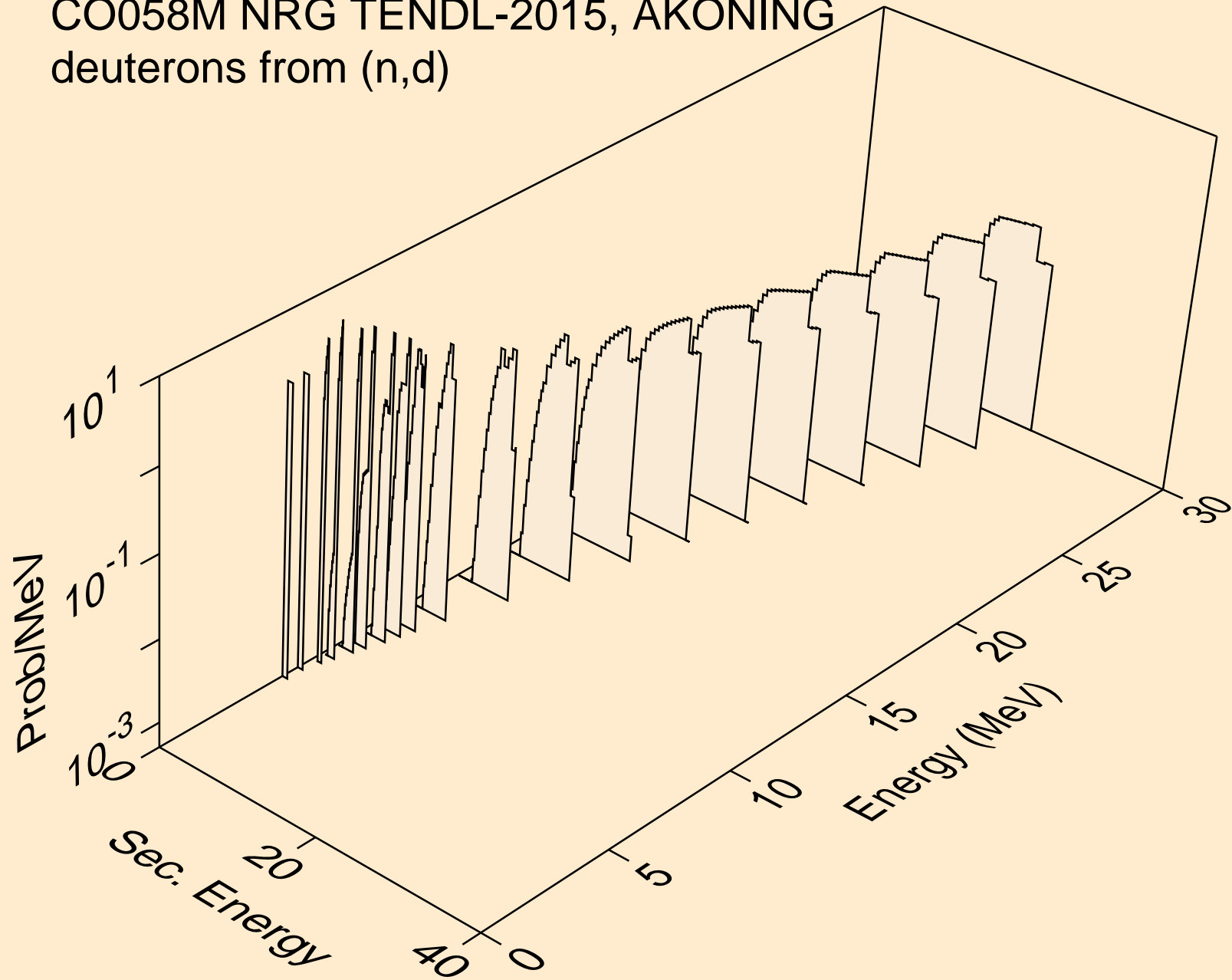




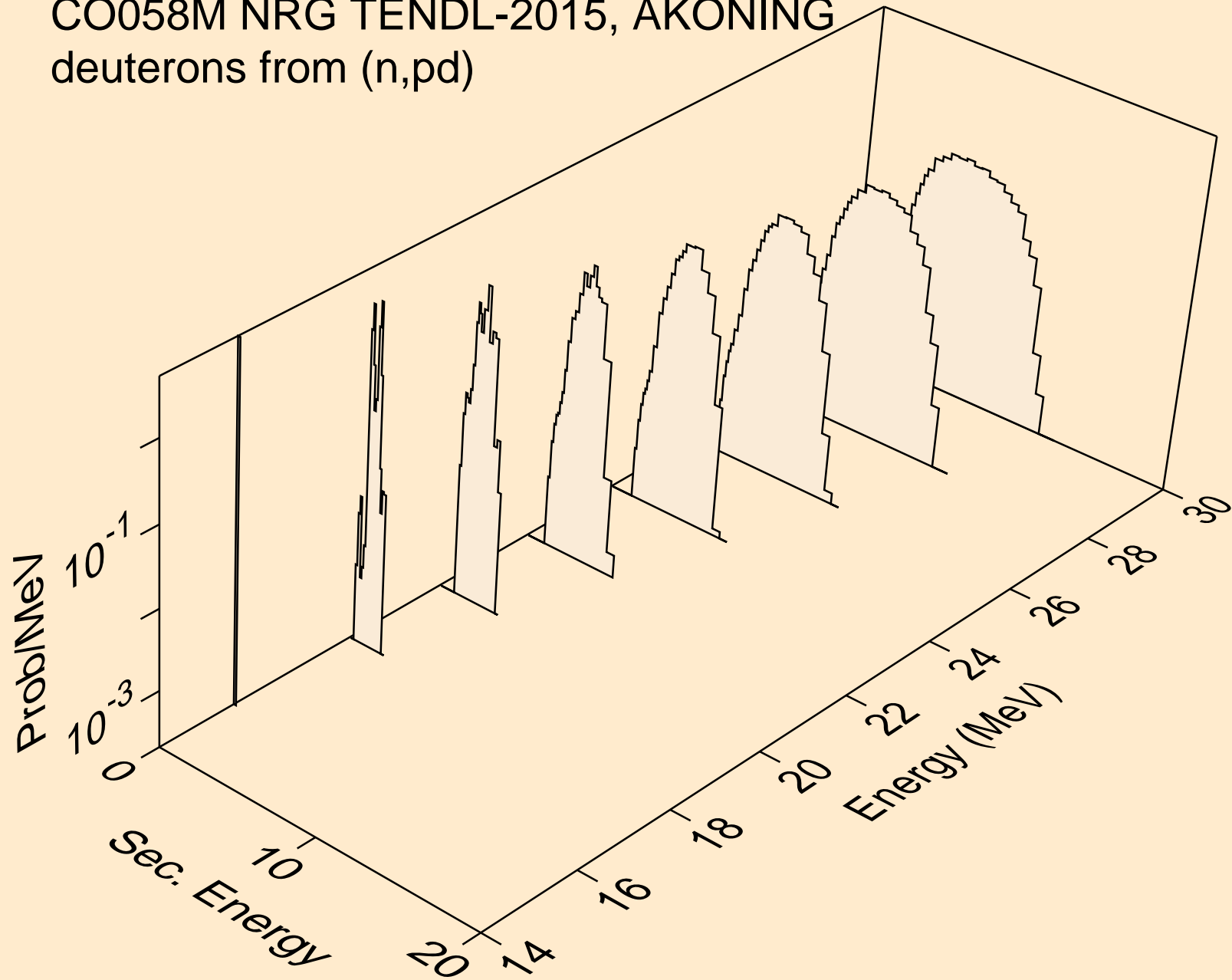
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deuterons from (n,n\*)d



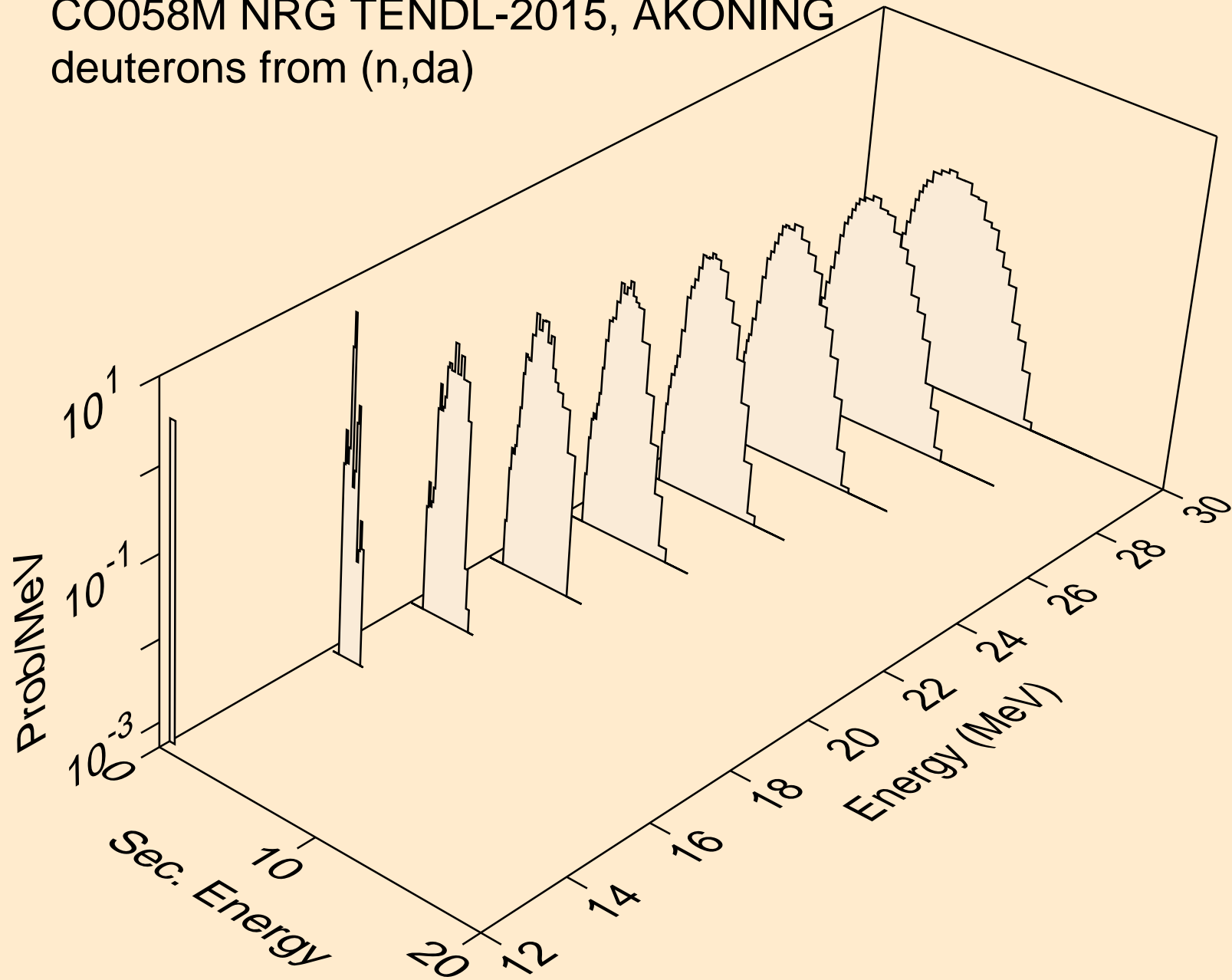
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deuterons from (n,d)



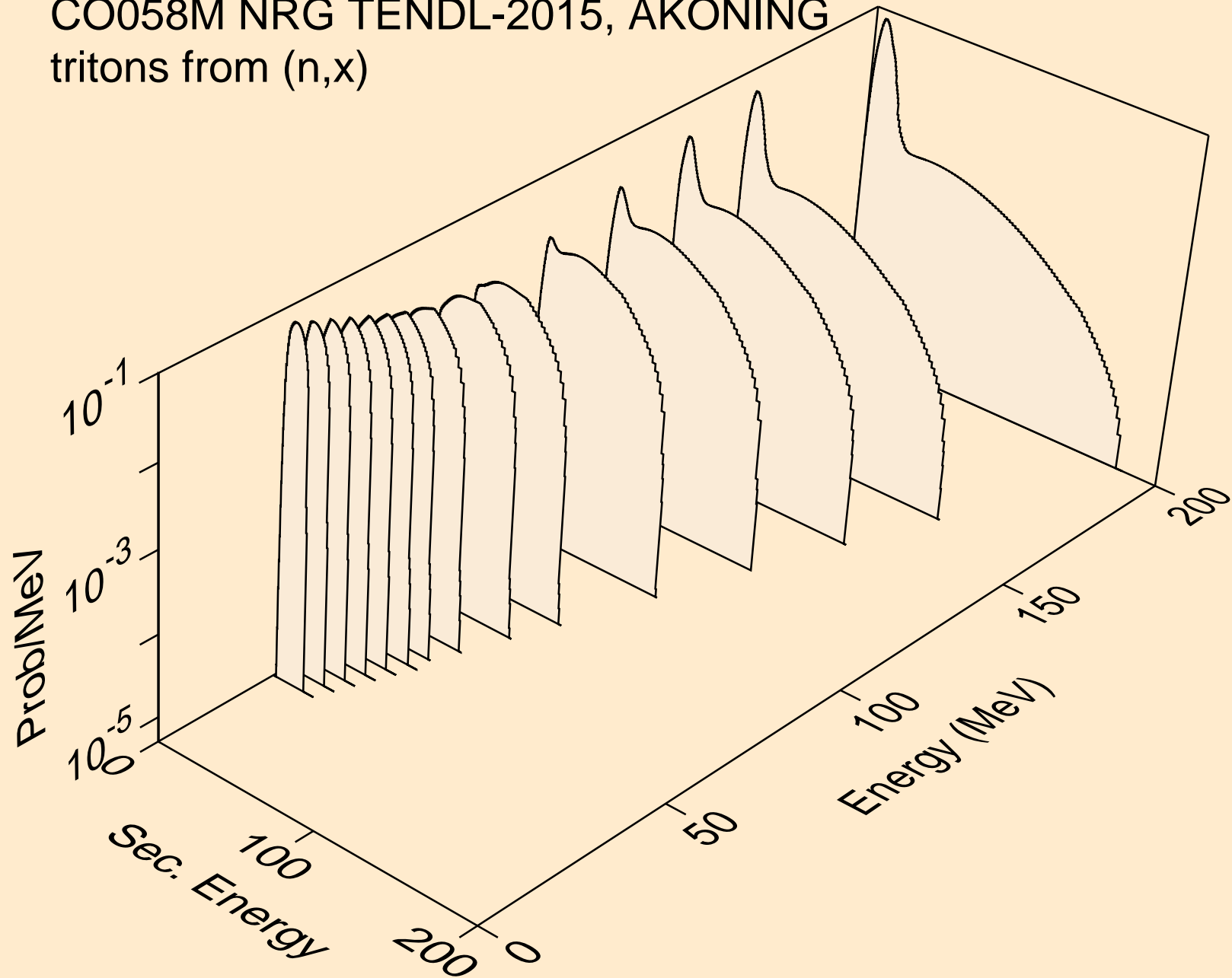
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deuterons from (n,pd)



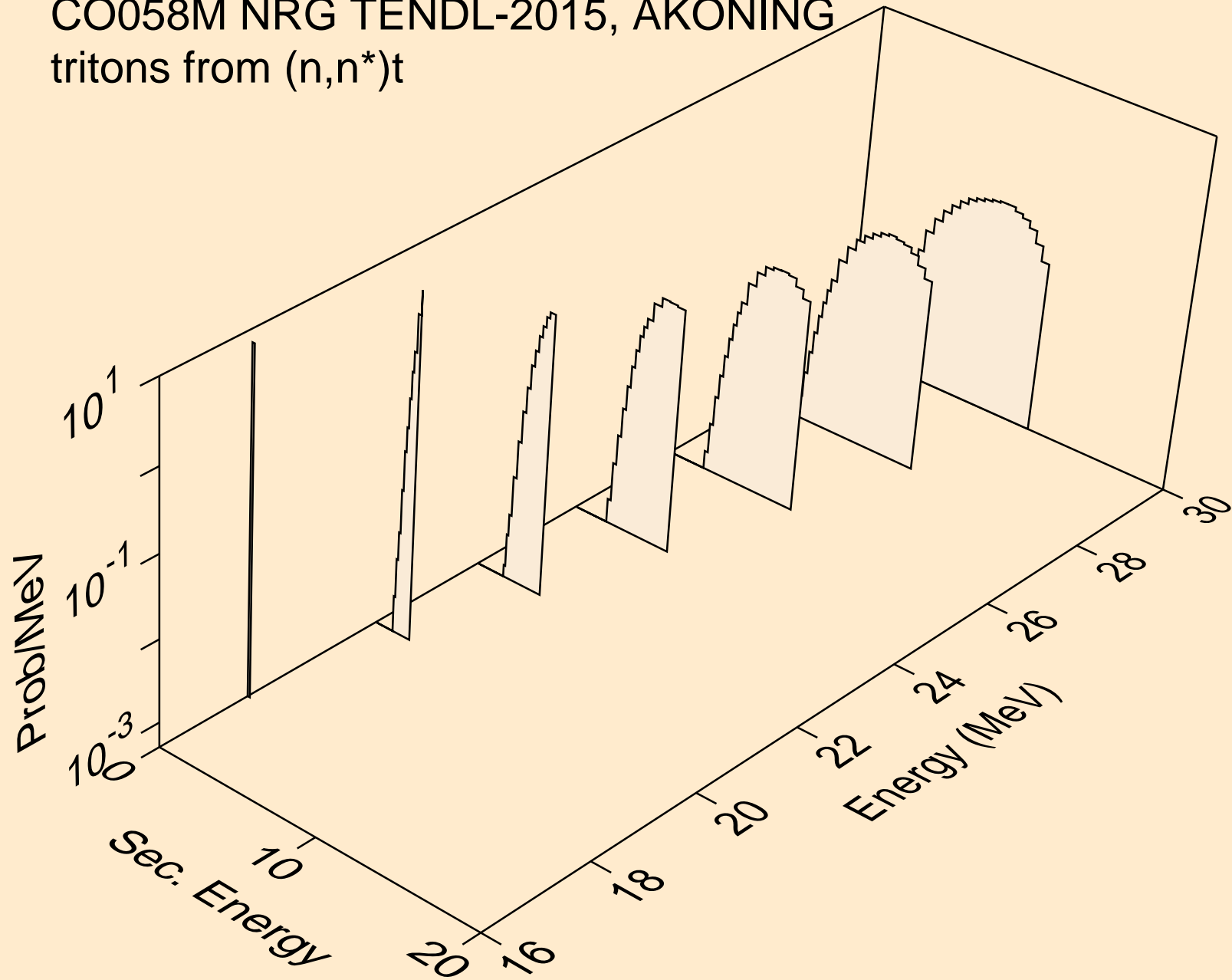
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deuterons from (n,da)



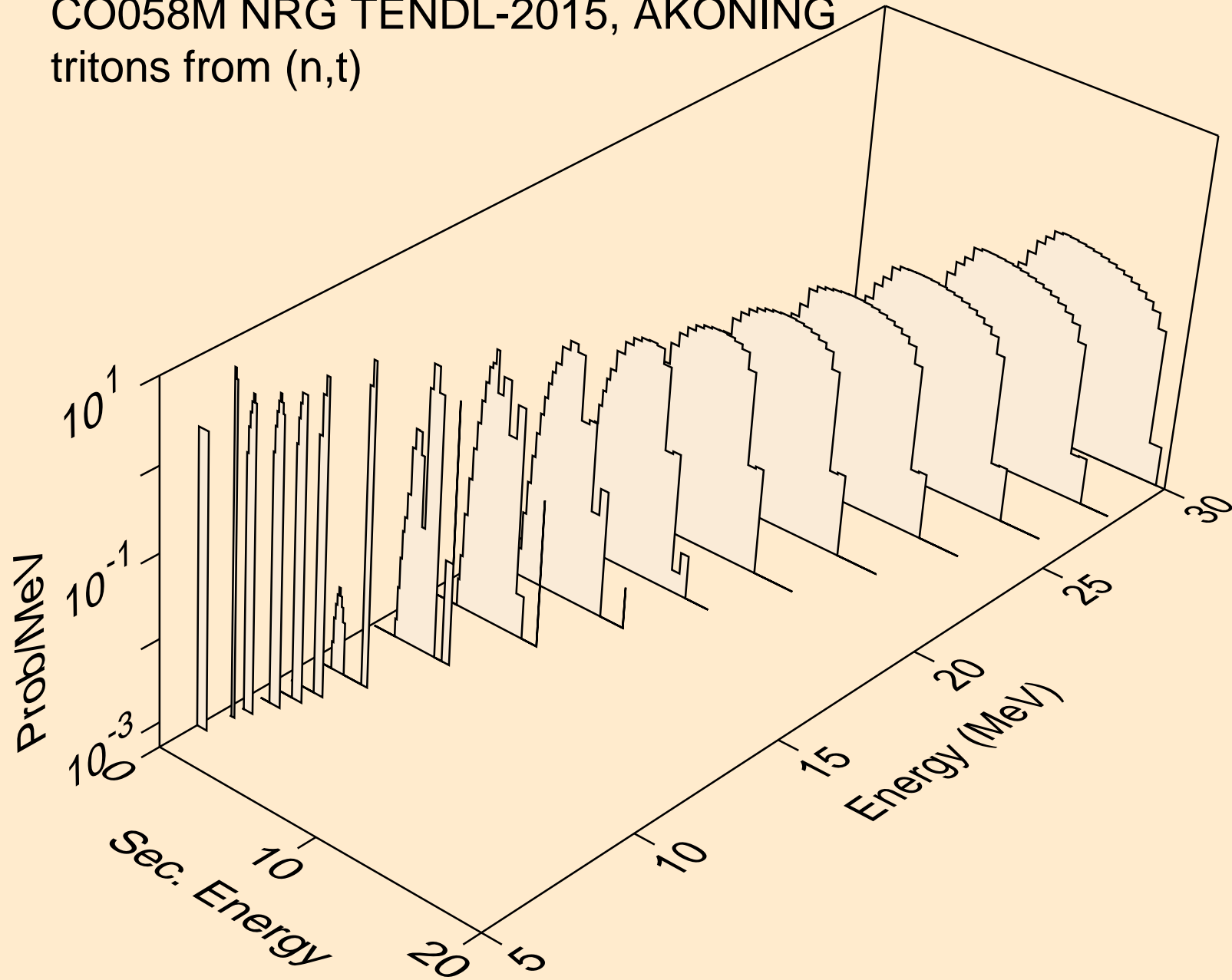
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tritons from (n,x)



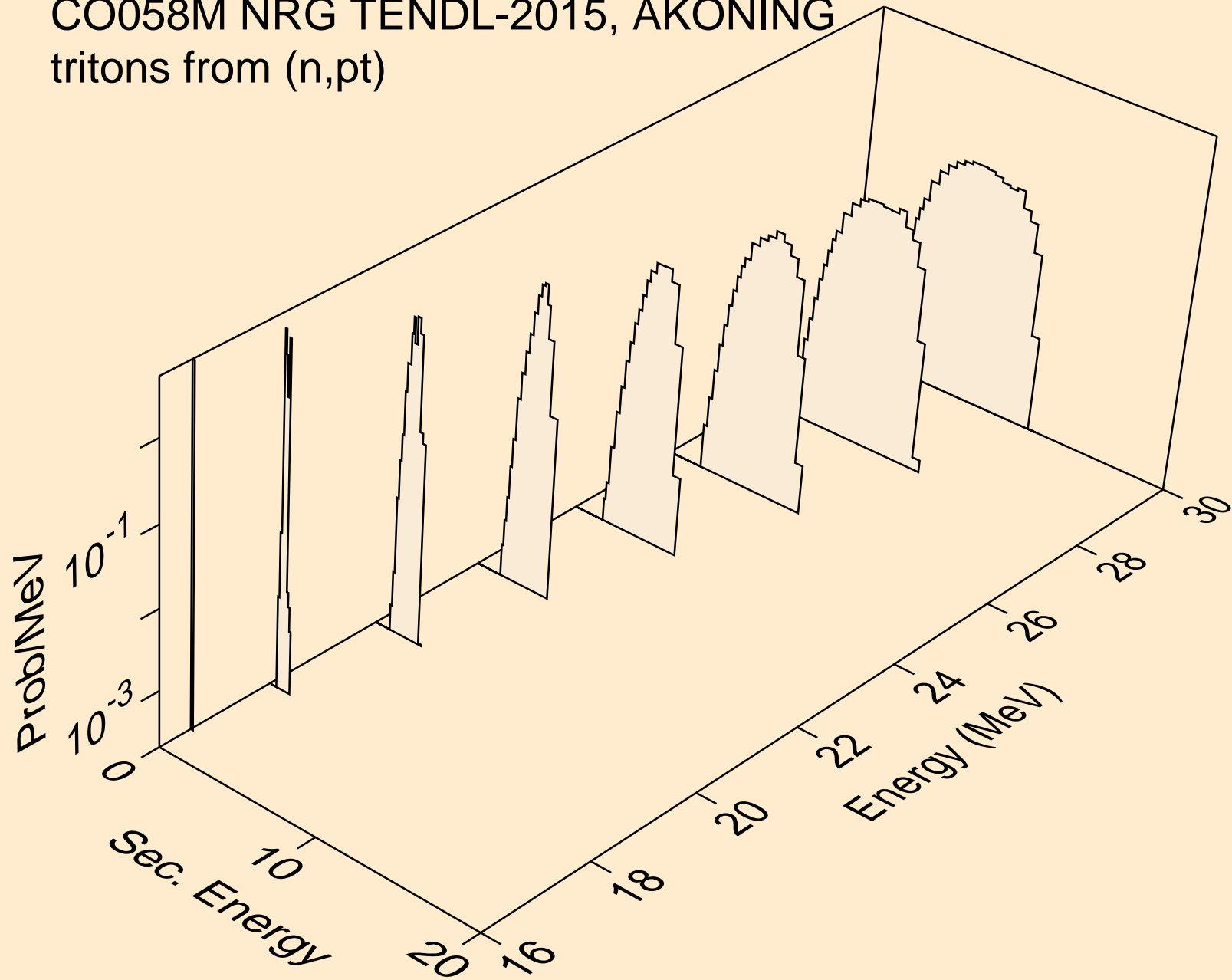
CO058M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



CO058M NRG TENDL-2015, AKONING  
tritons from (n,t)

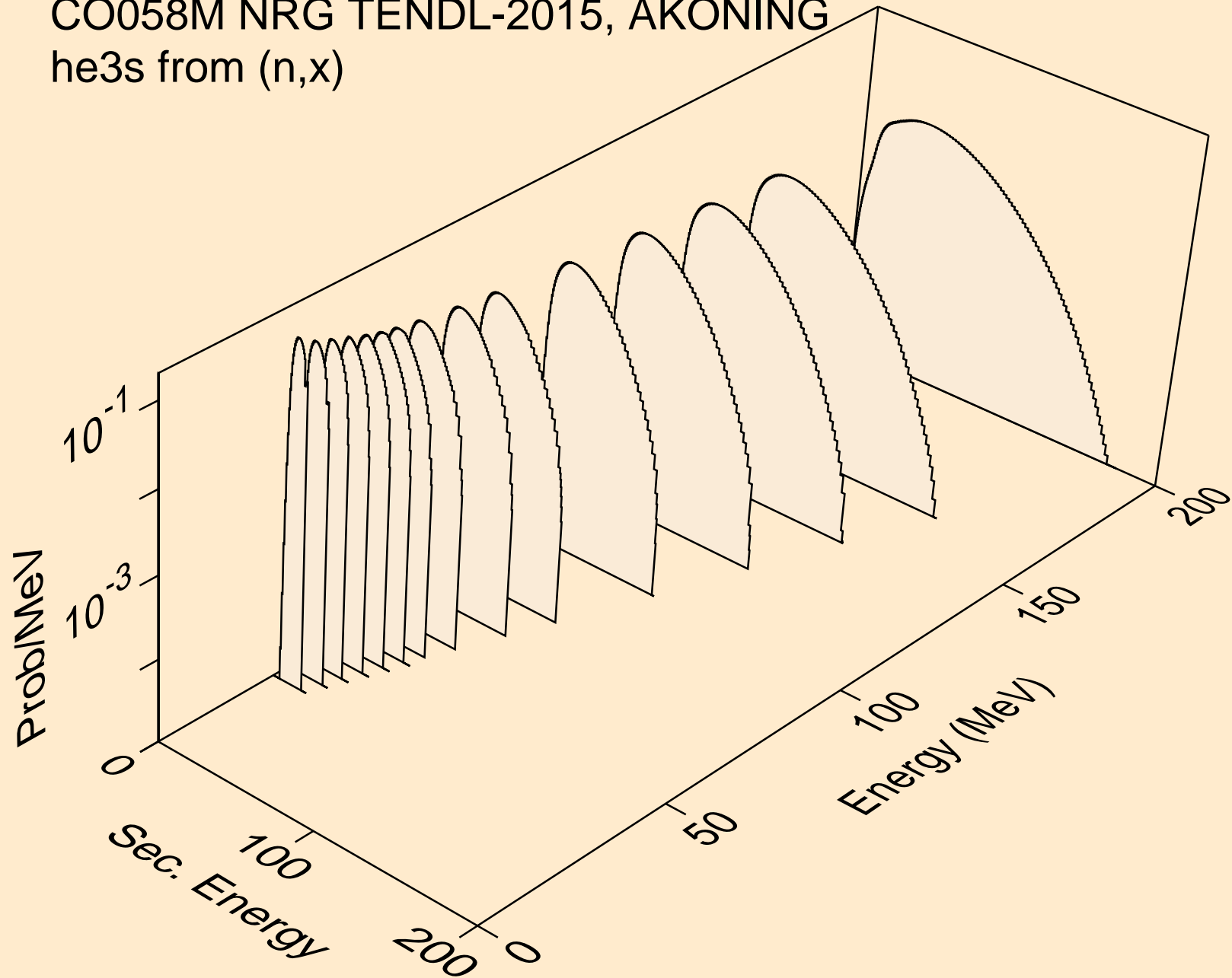


CO058M NRG TENDL-2015, AKONING  
tritons from (n,pt)

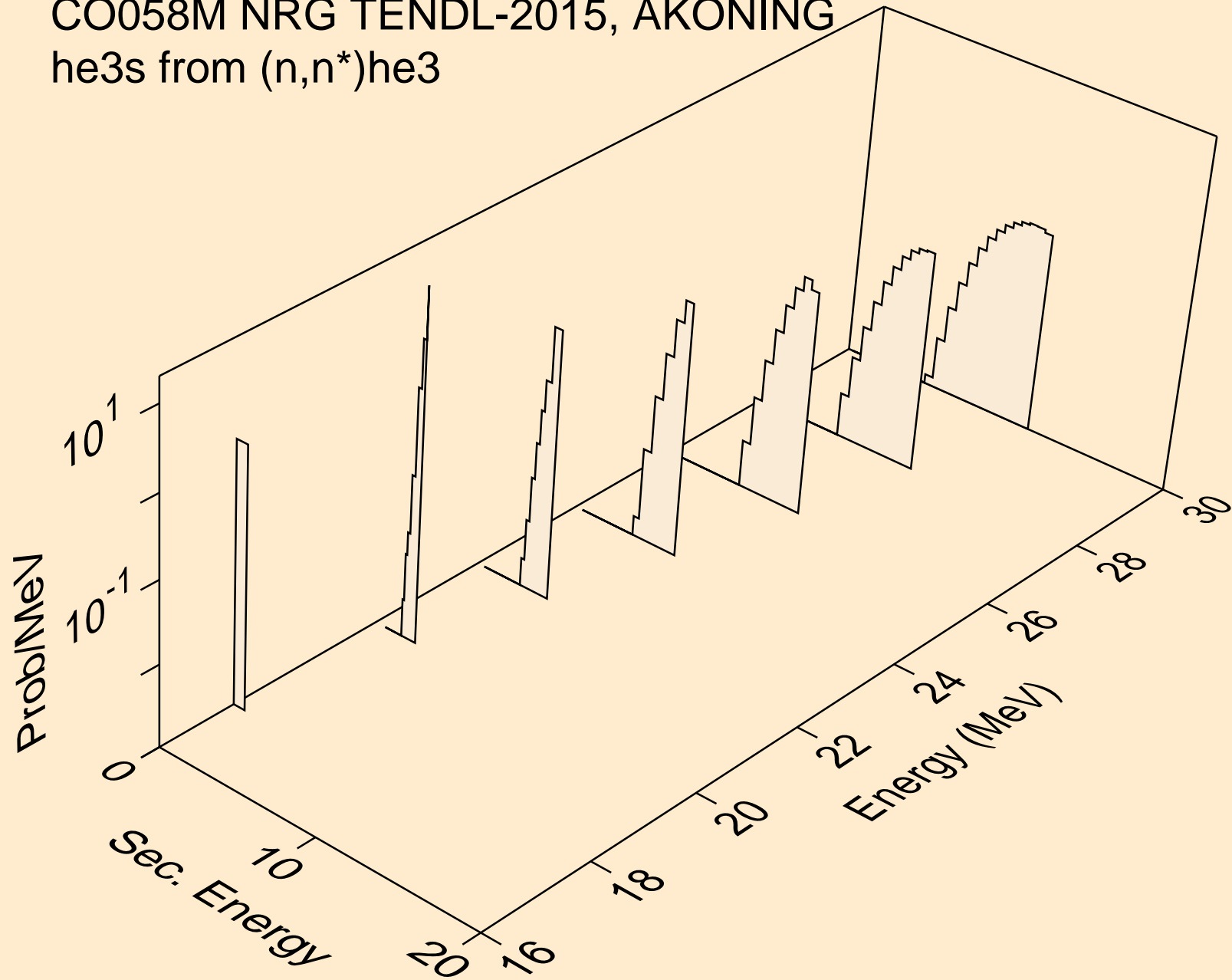




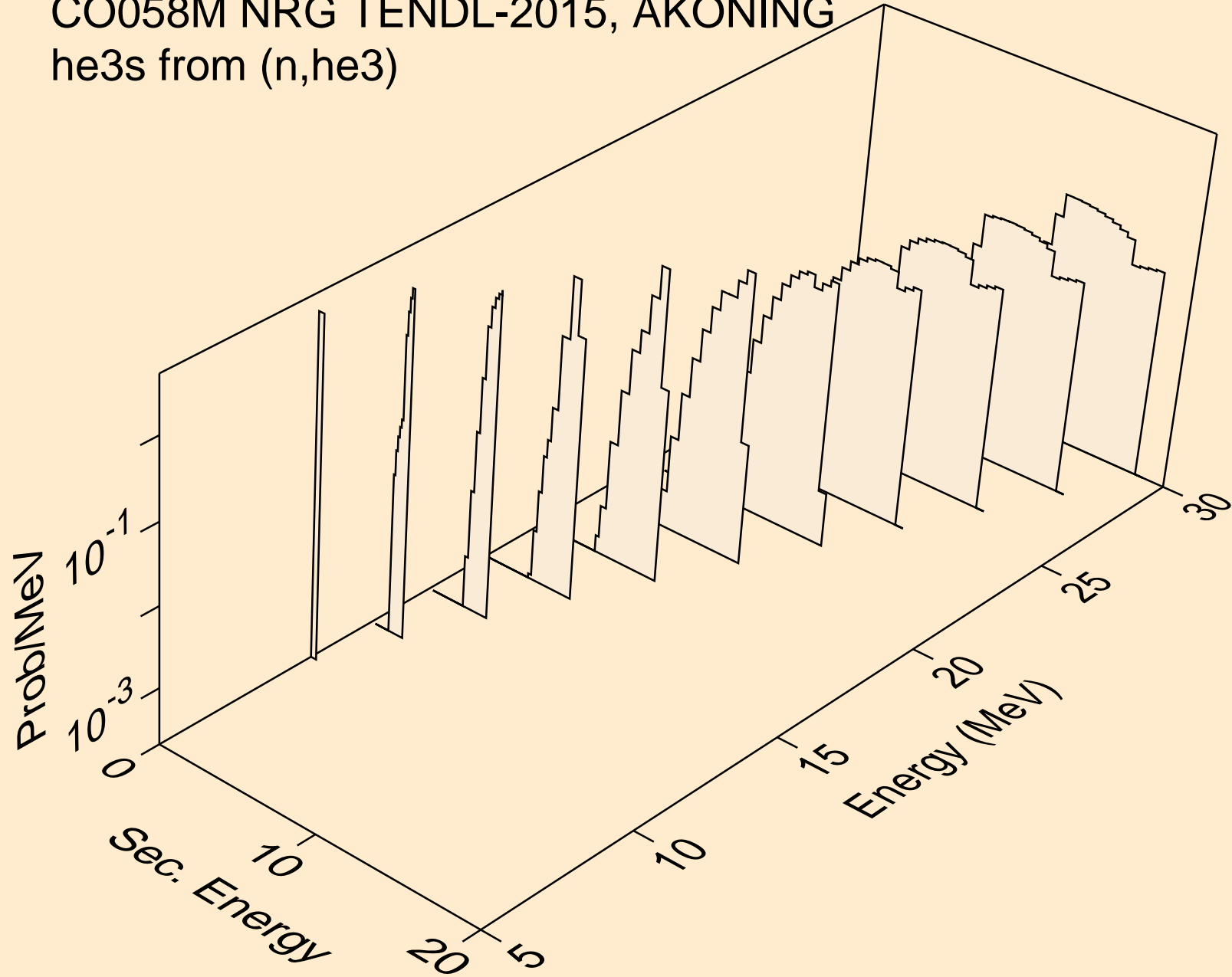
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he3s from (n,x)



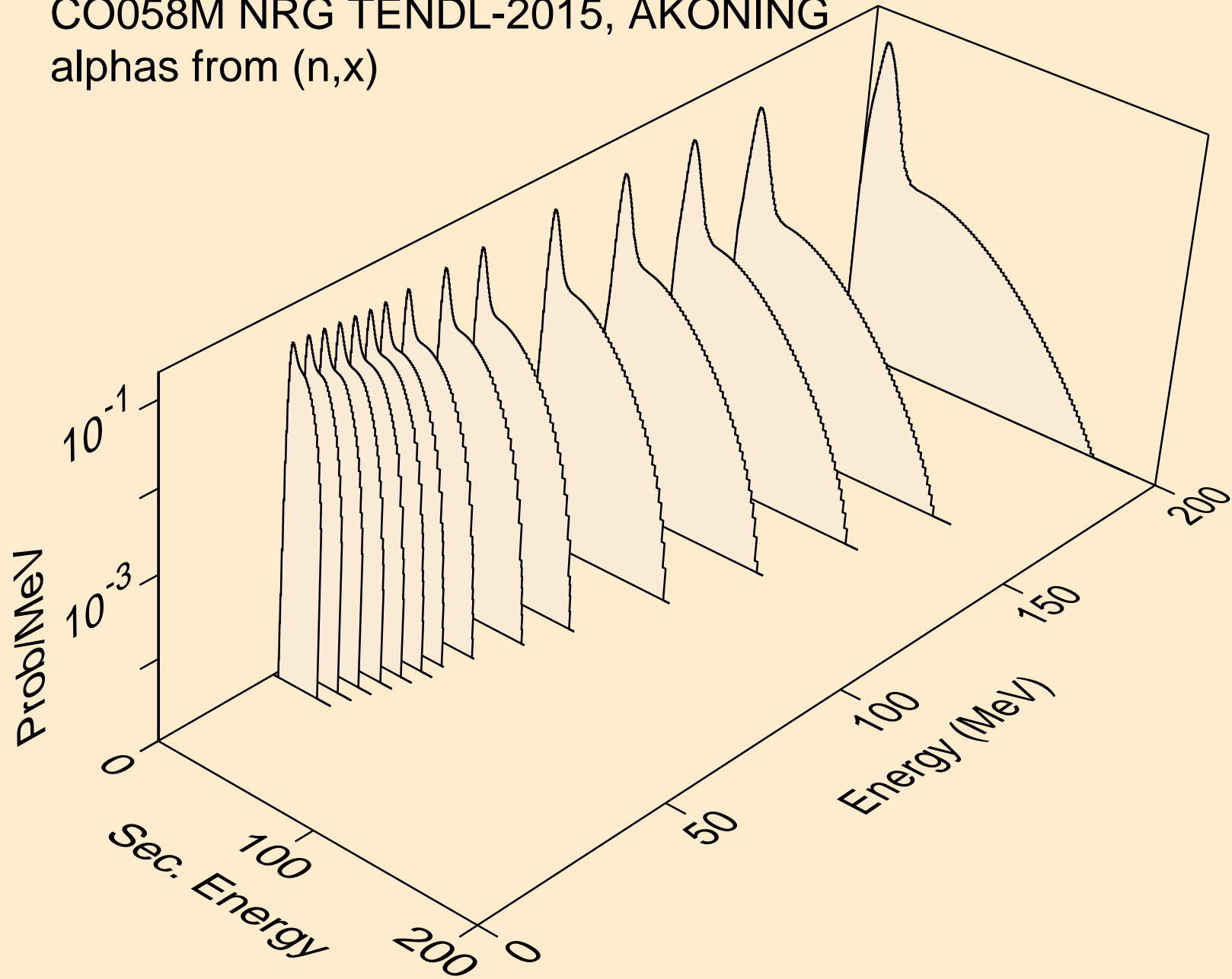
CO058M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



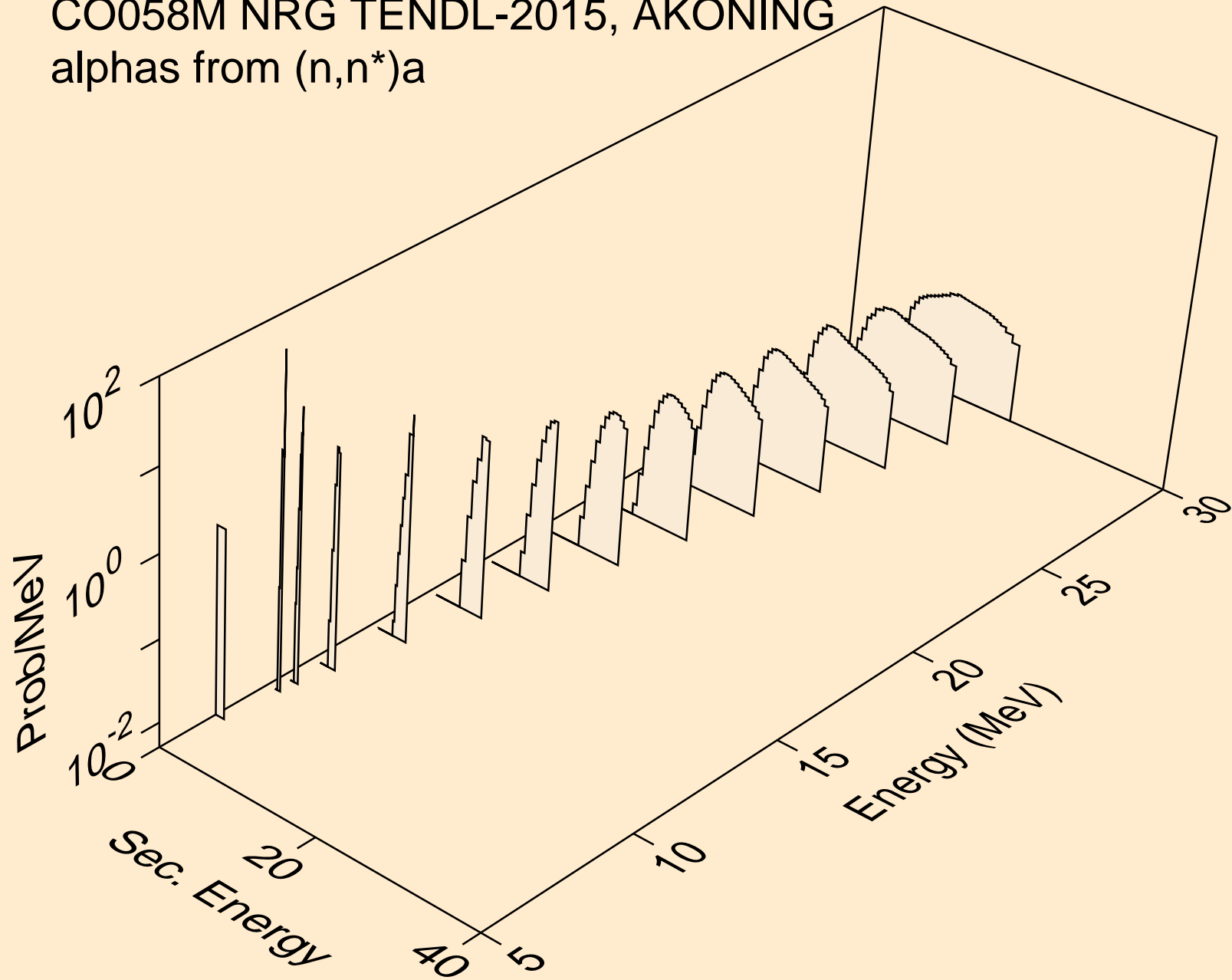
CO058M NRG TENDL-2015, AKONING  
he3s from (n,he3)



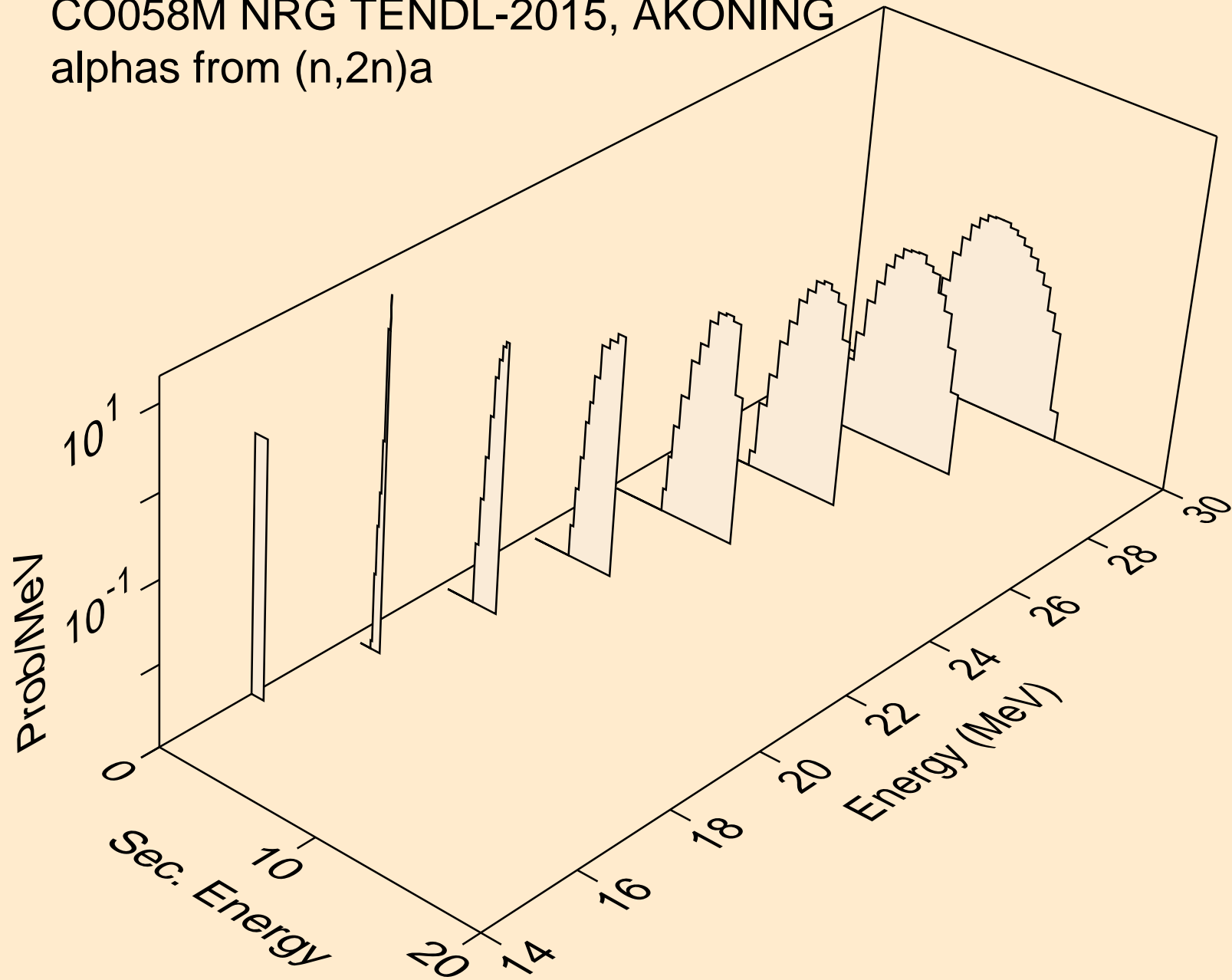
CO058M NRG TENDL-2015, AKONING  
alphas from (n,x)



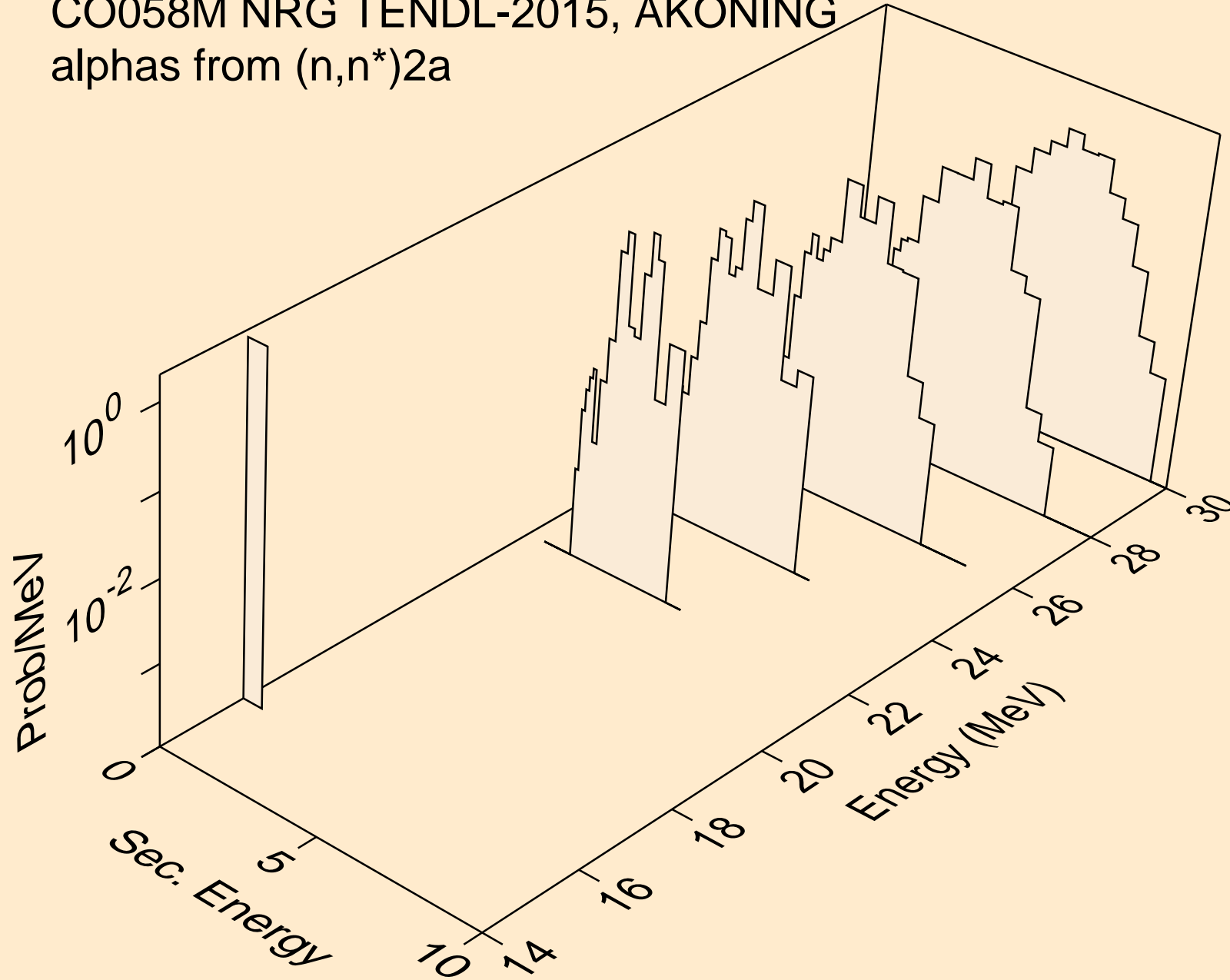
CO058M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



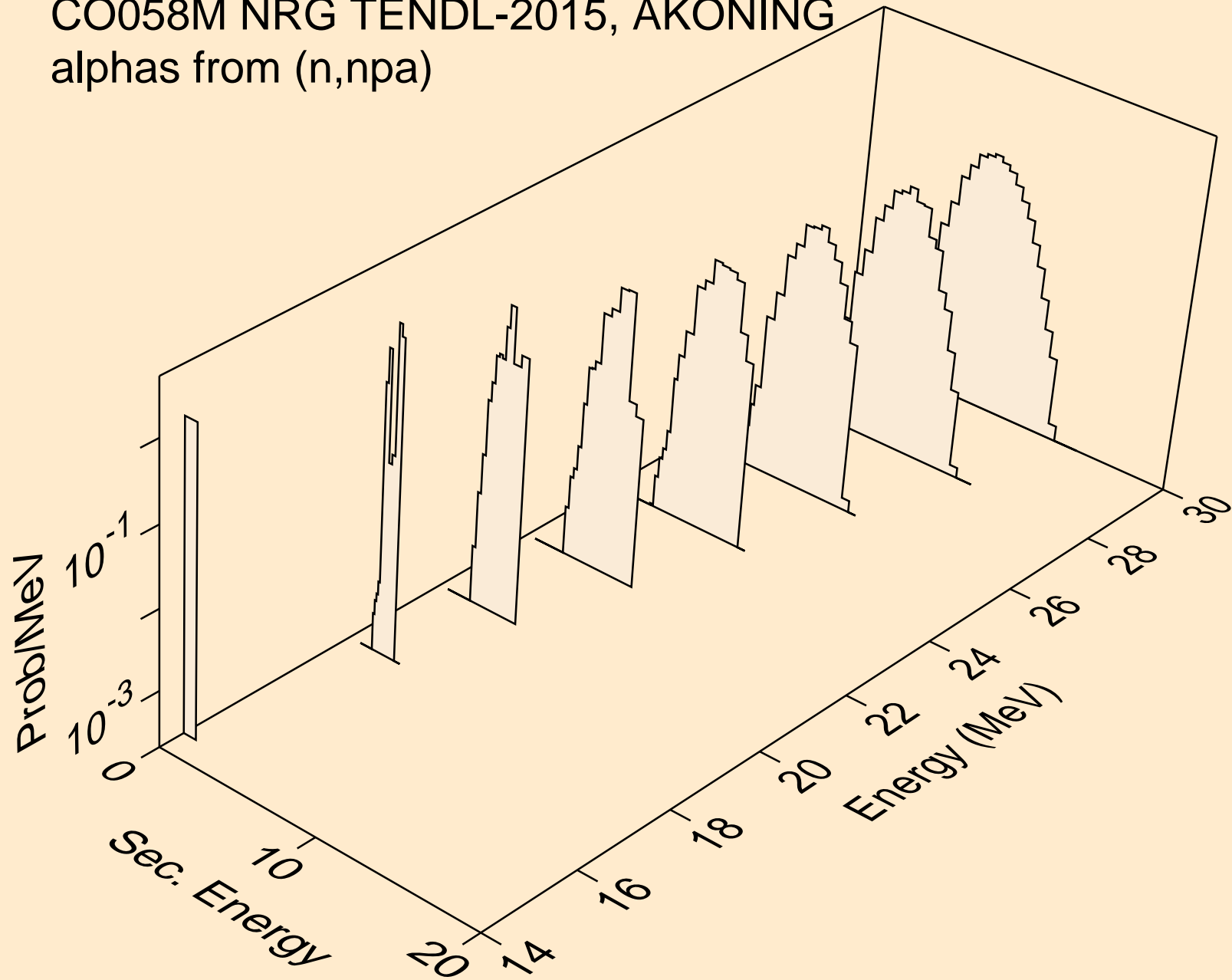
CO058M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



CO058M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

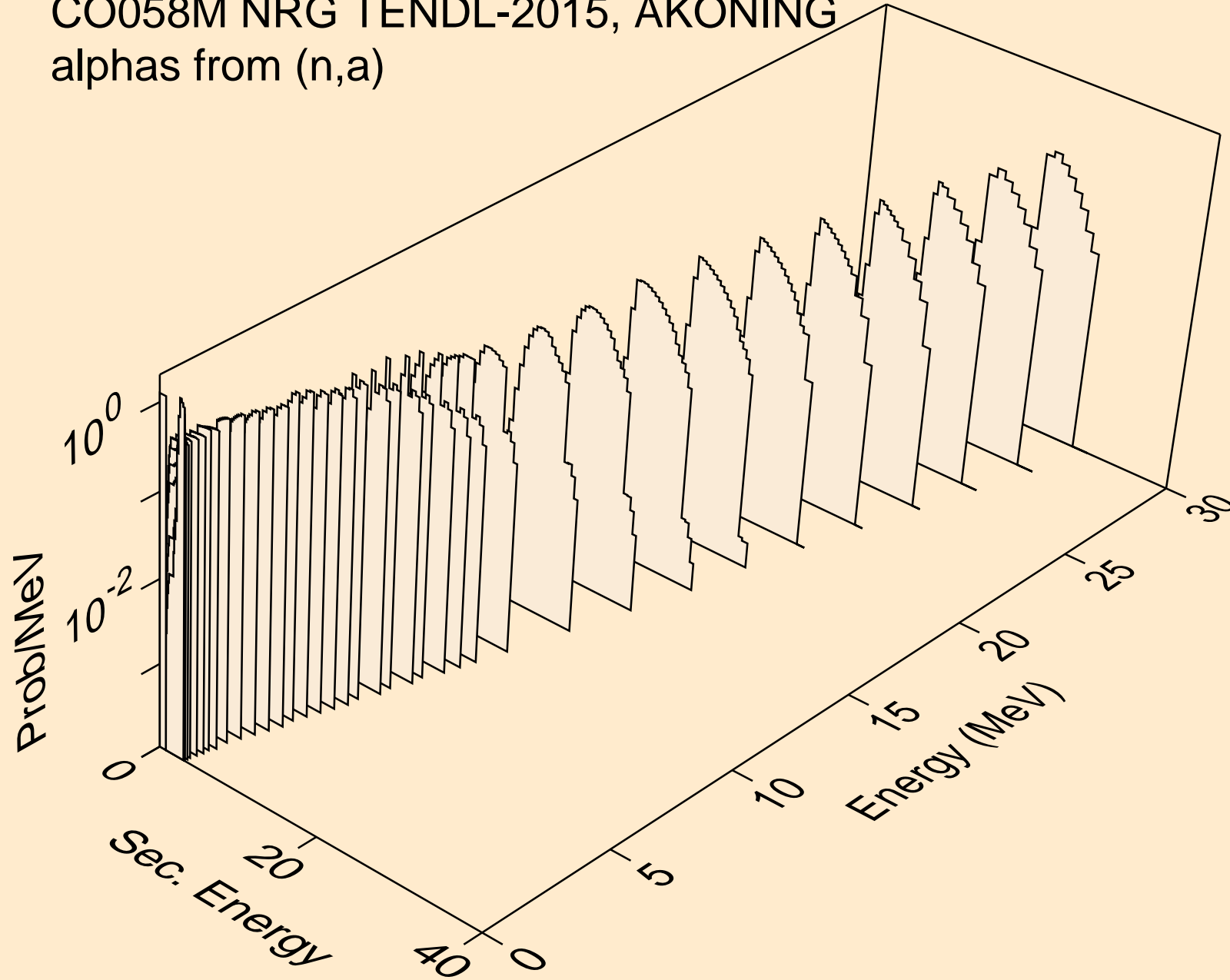


CO058M NRG TENDL-2015, AKONING  
alphas from (n,npa)

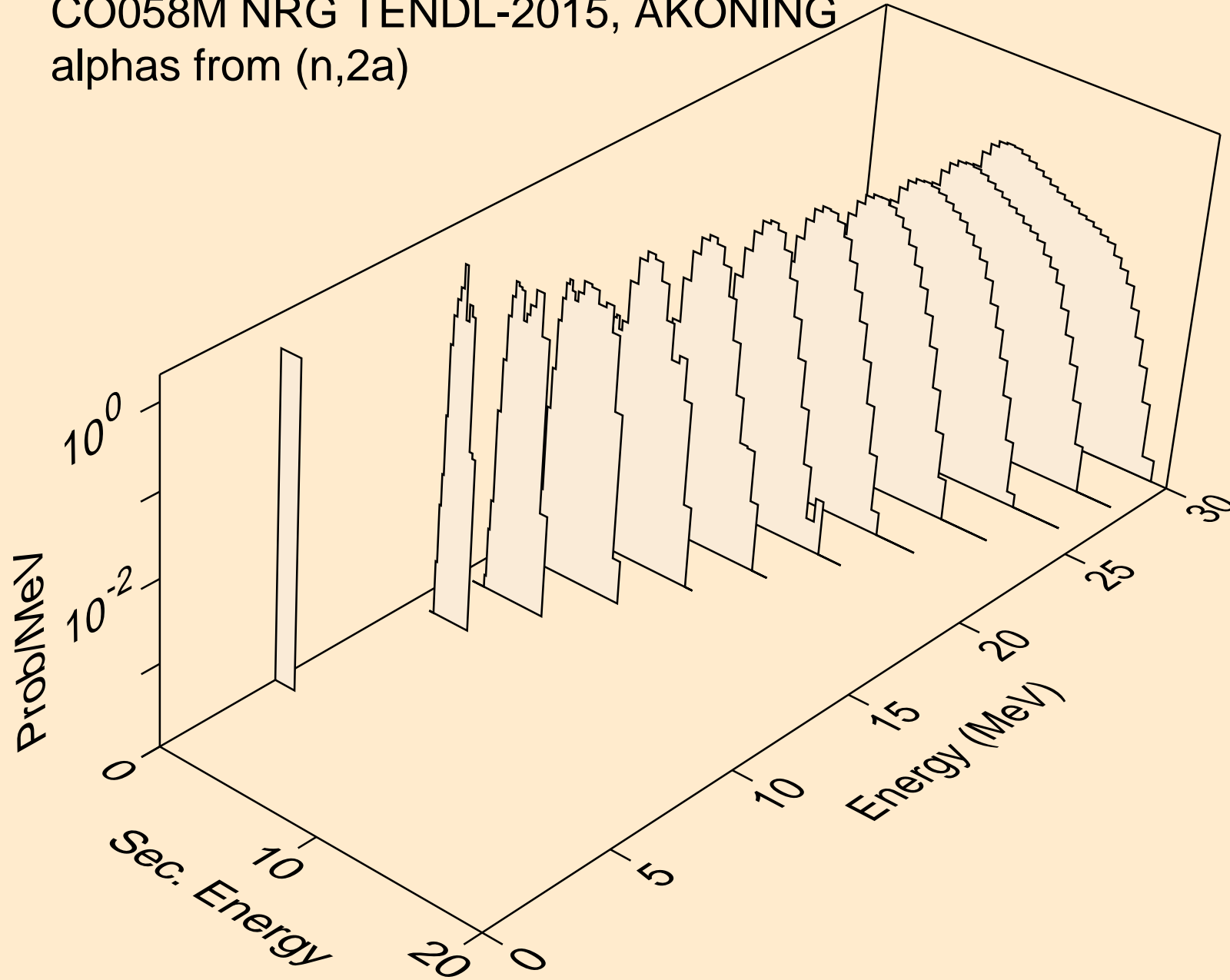




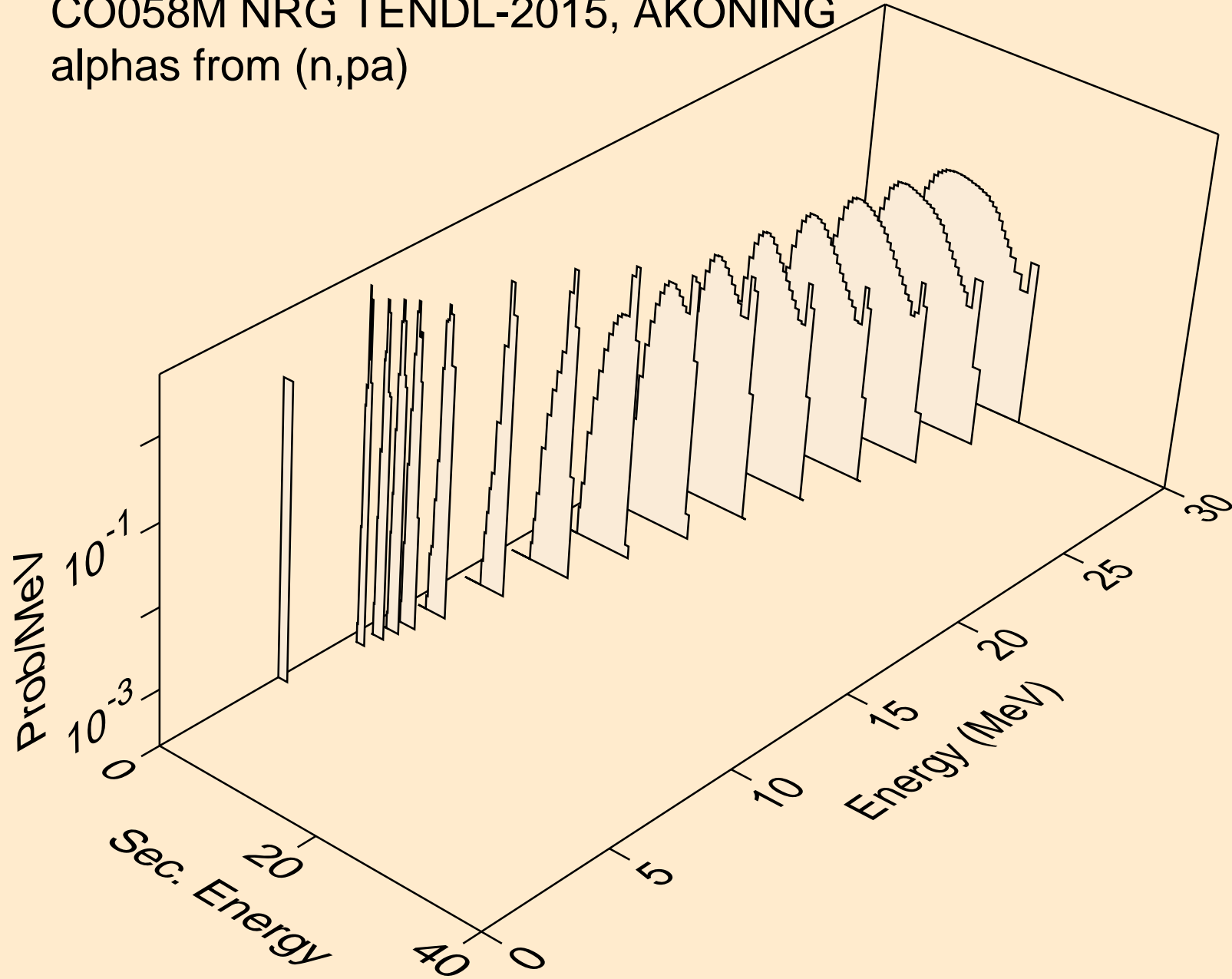
CO058M NRG TENDL-2015, AKONING  
alphas from (n,a)



CO058M NRG TENDL-2015, AKONING  
alphas from (n,2a)



CO058M NRG TENDL-2015, AKONING  
alphas from (n,pa)



CO058M NRG TENDL-2015, AKONING  
alphas from (n,da)

