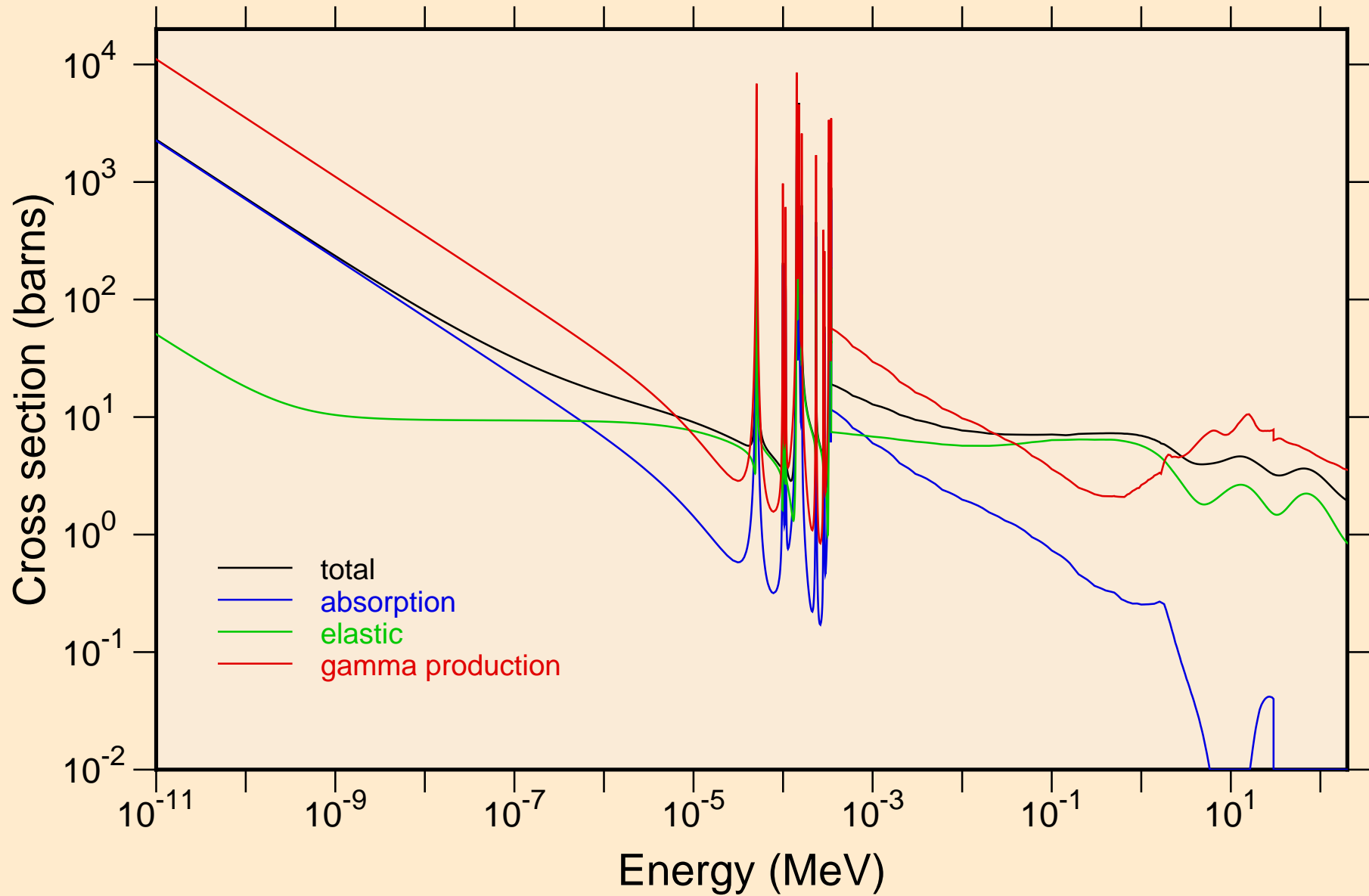
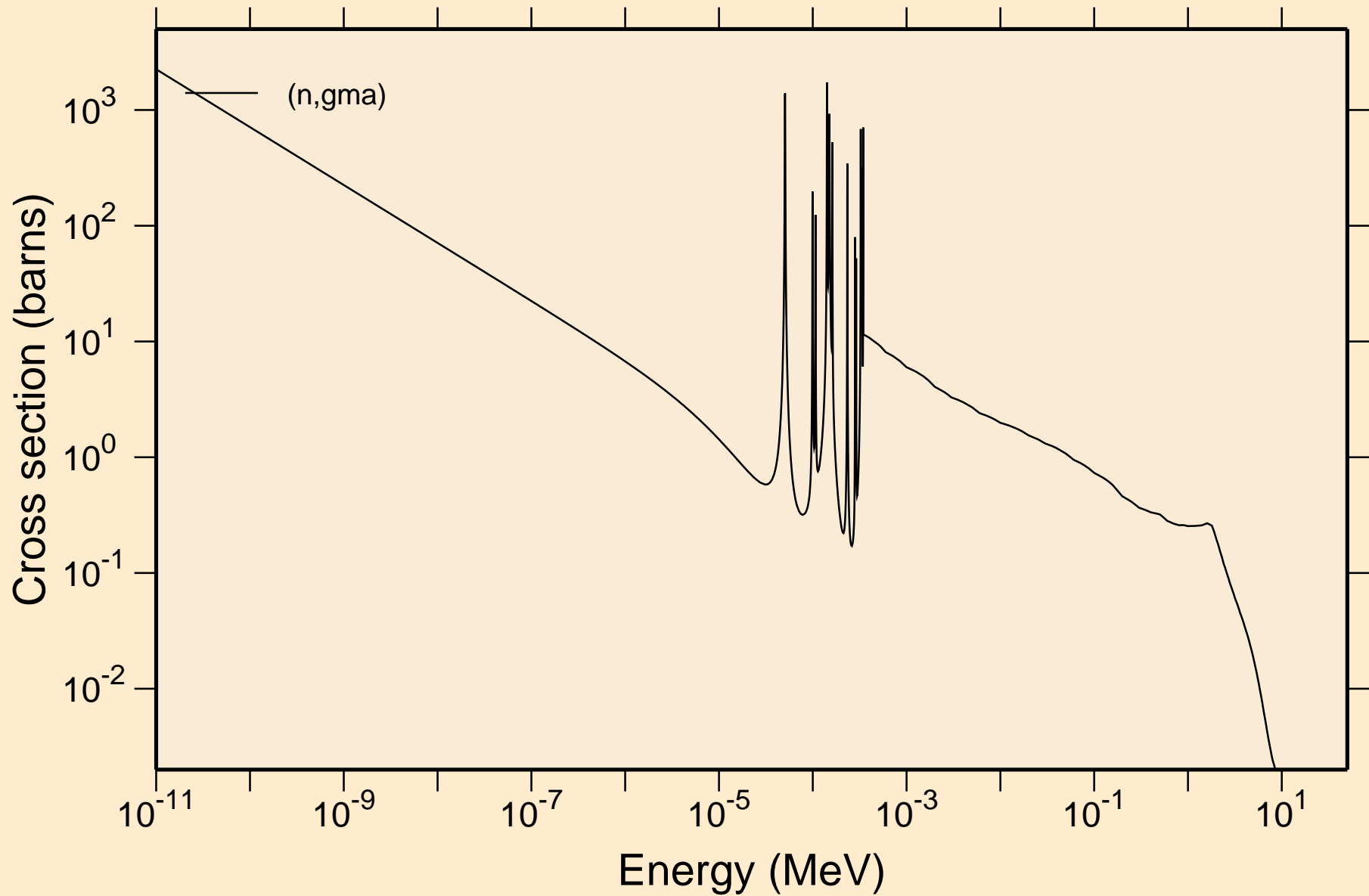


# CD117M NRG TENDL-2015, AKONING

## Principal cross sections

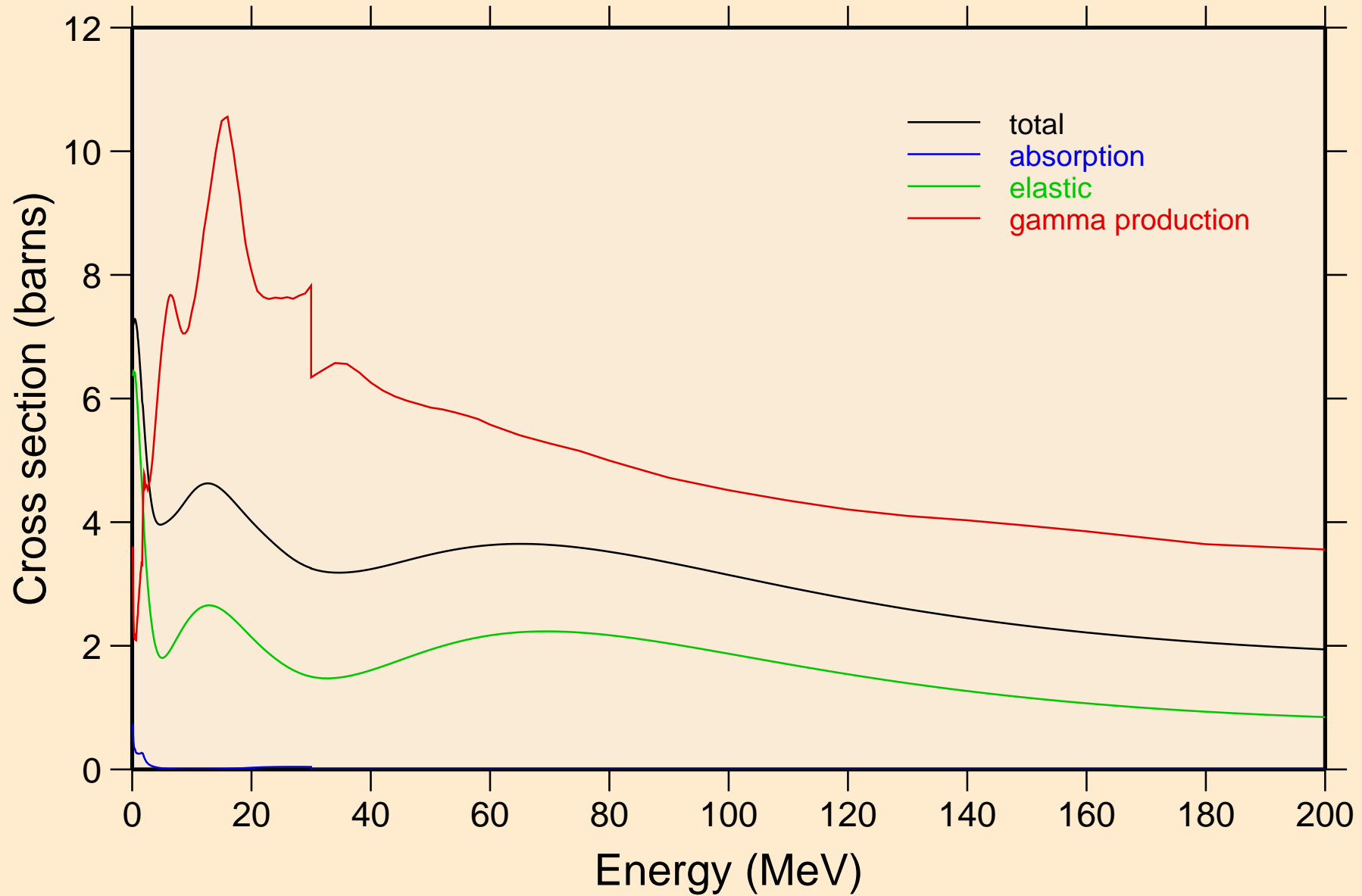


CD117M NRG TENDL-2015, AKONING  
Non-threshold reactions

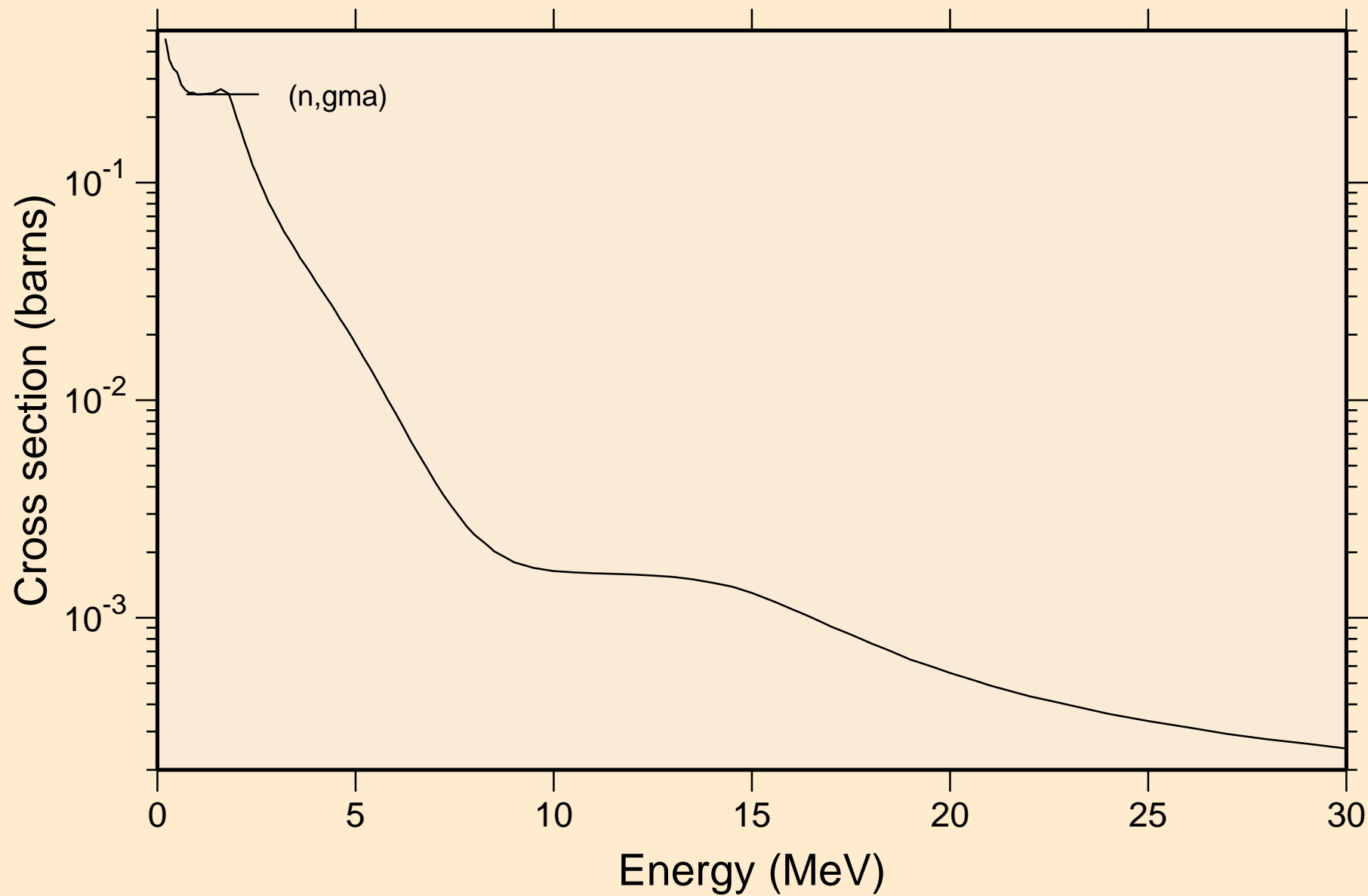


# CD117M NRG TENDL-2015, AKONING

## Principal cross sections

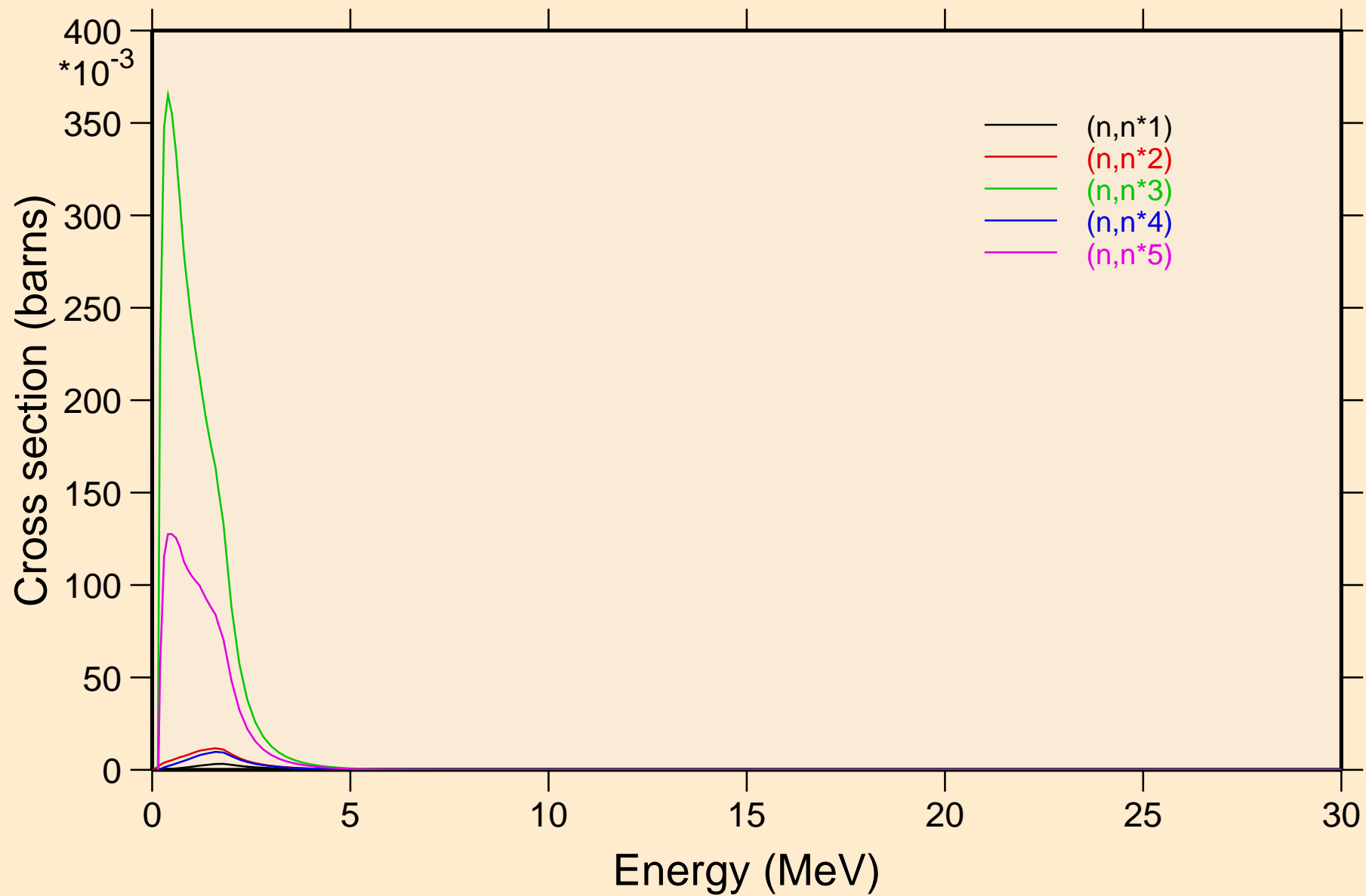


CD117M NRG TENDL-2015, AKONING  
Non-threshold reactions



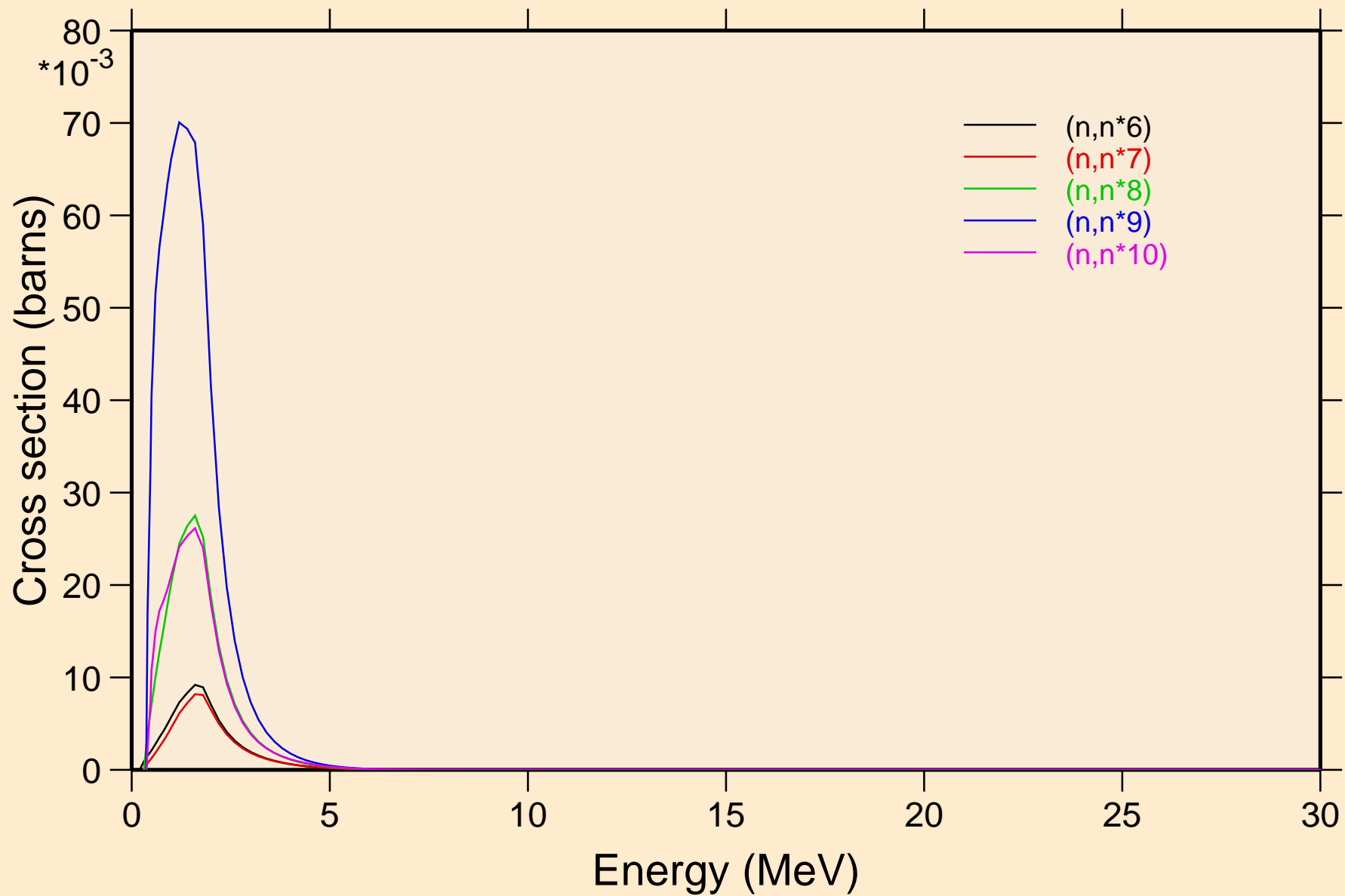
# CD117M NRG TENDL-2015, AKONING

## Inelastic levels



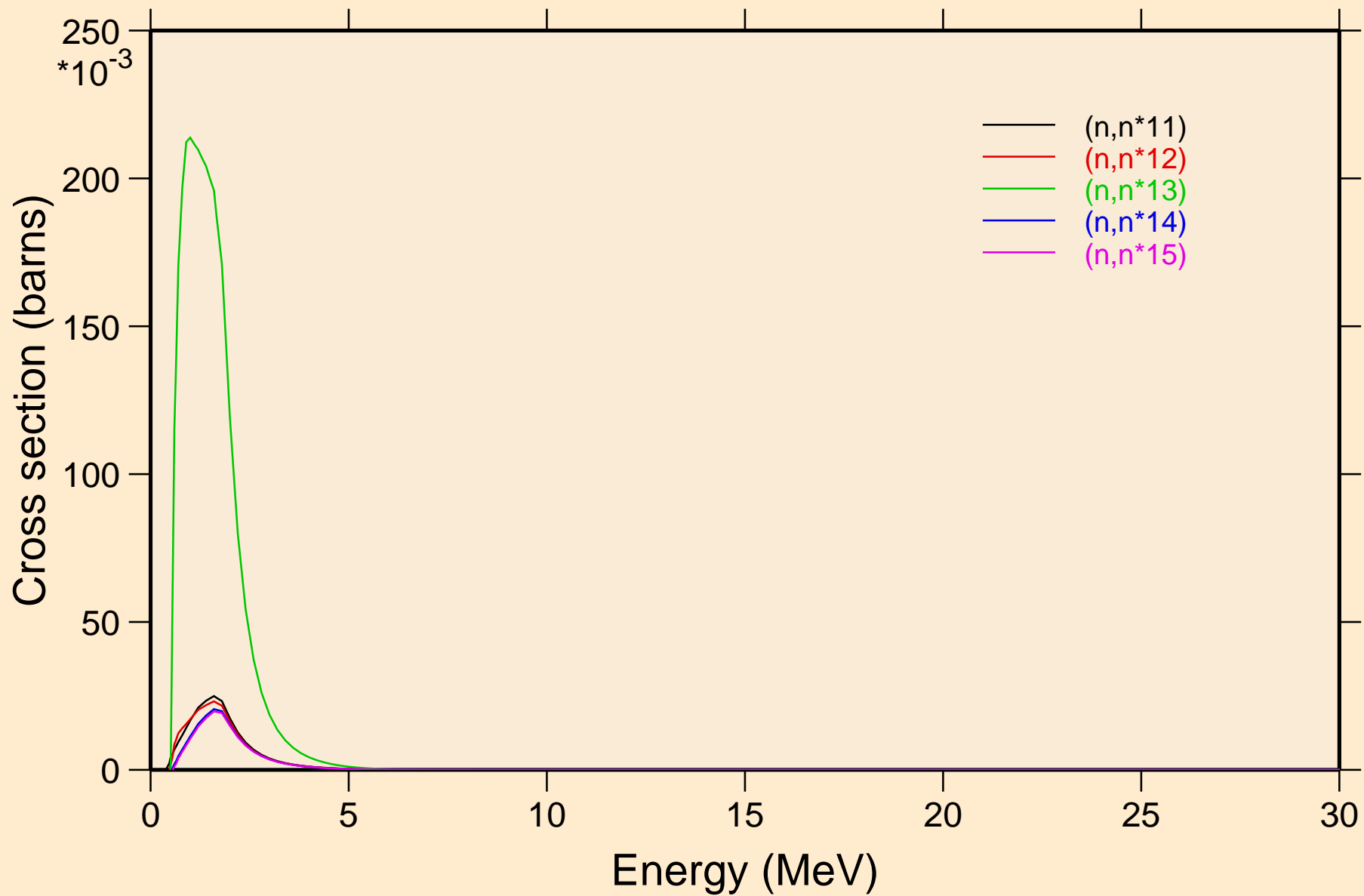
# CD117M NRG TENDL-2015, AKONING

## Inelastic levels



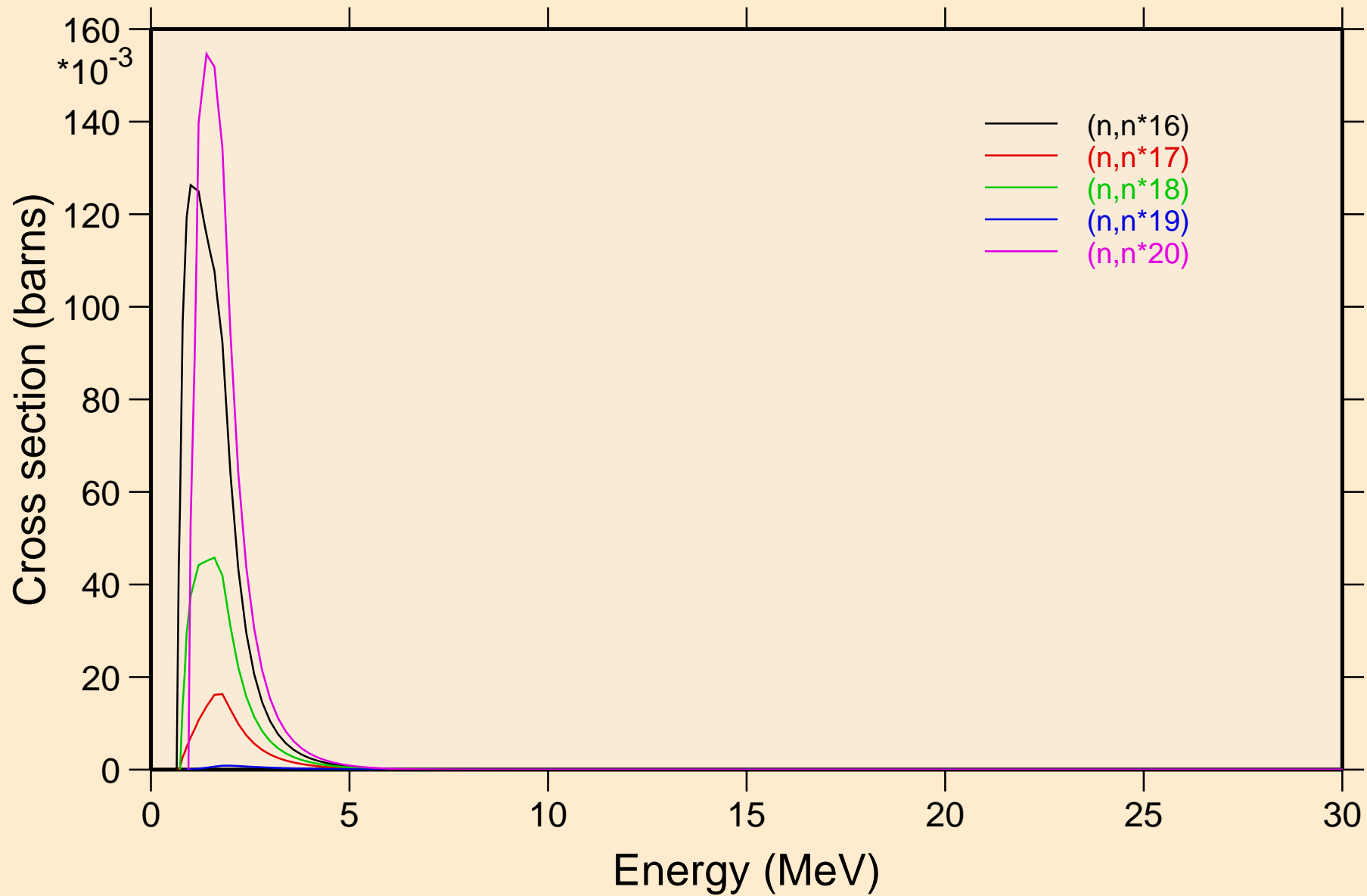
# CD117M NRG TENDL-2015, AKONING

## Inelastic levels



# CD117M NRG TENDL-2015, AKONING

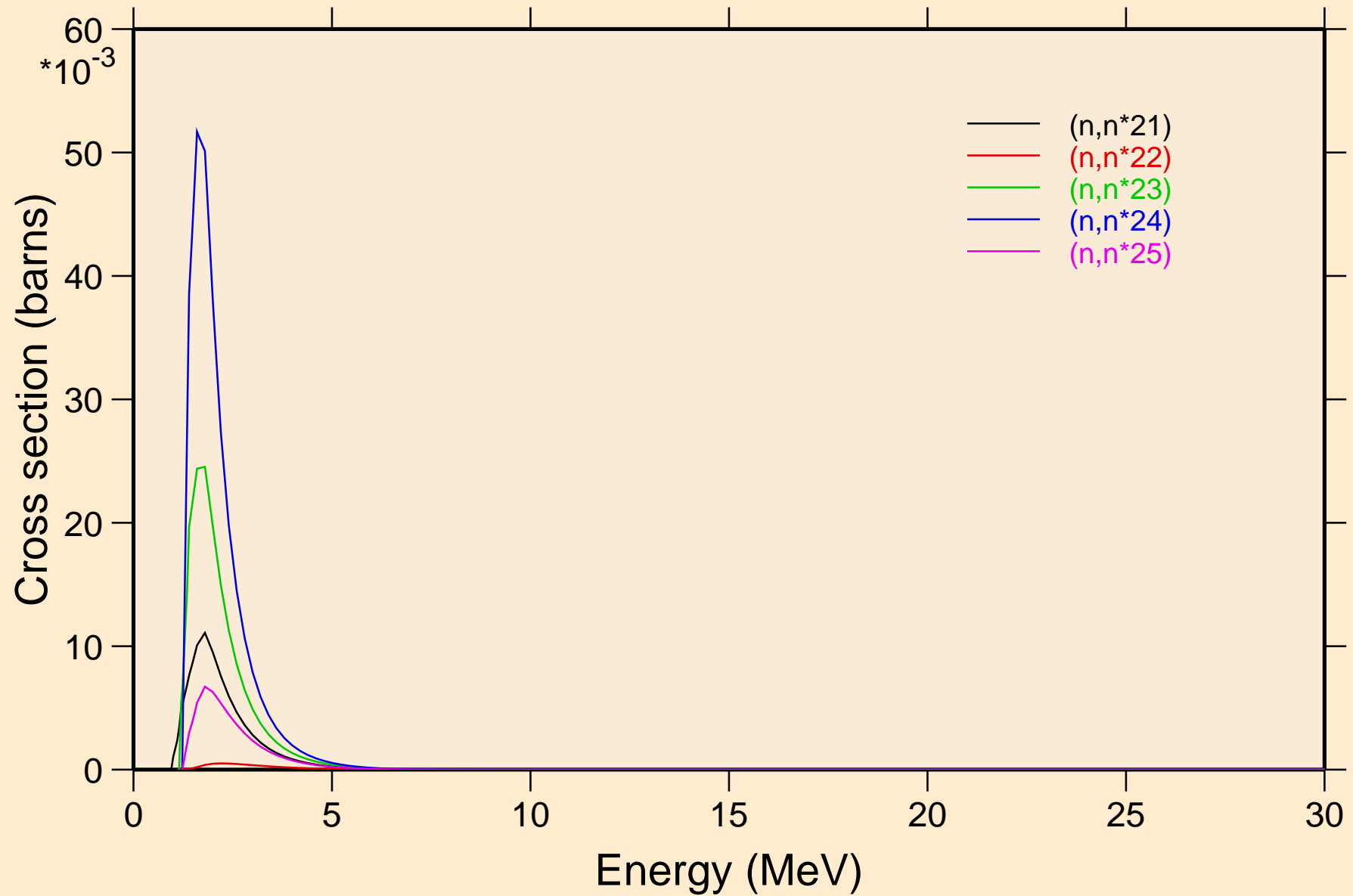
## Inelastic levels





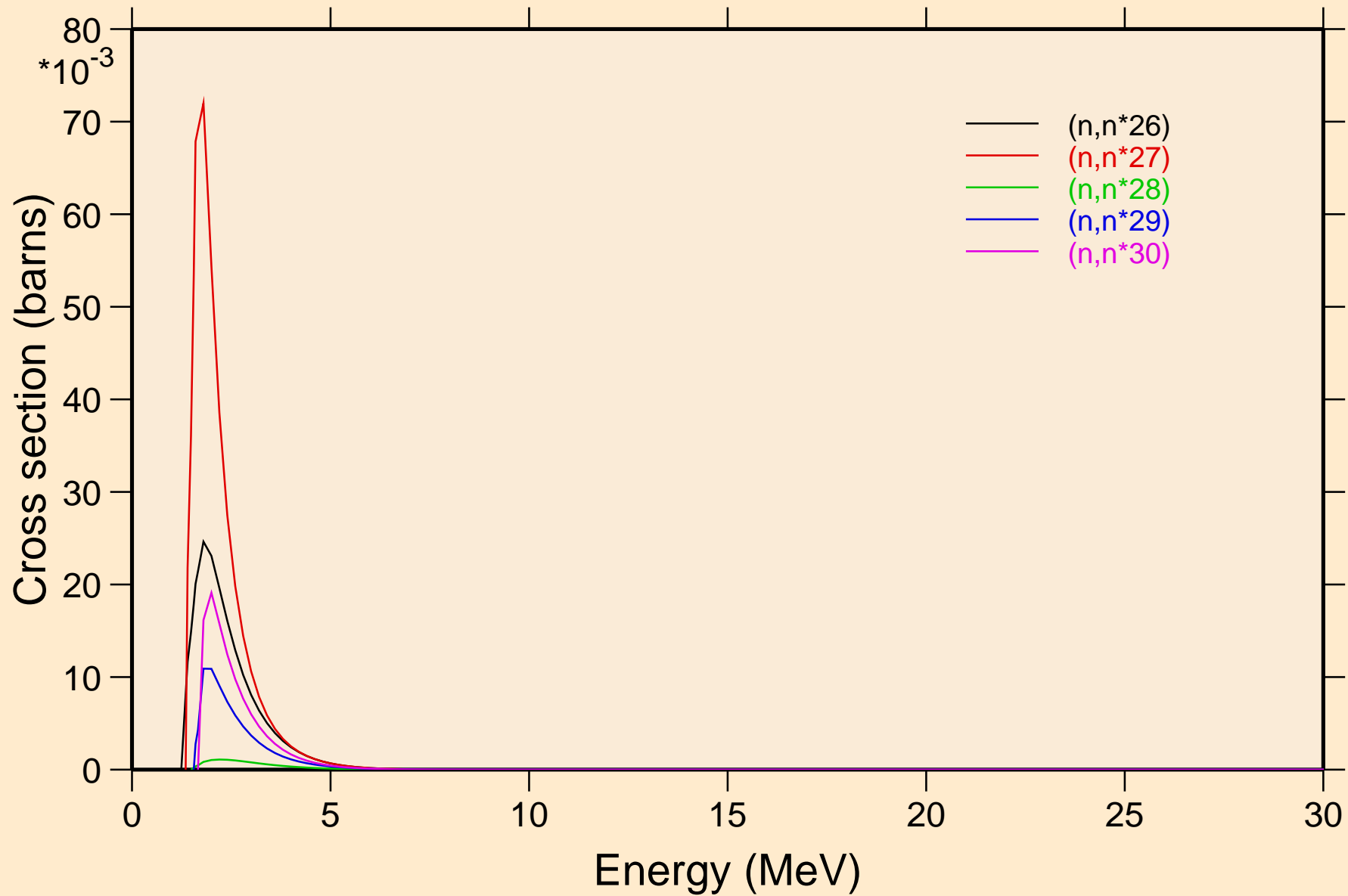
# CD117M NRG TENDL-2015, AKONING

## Inelastic levels



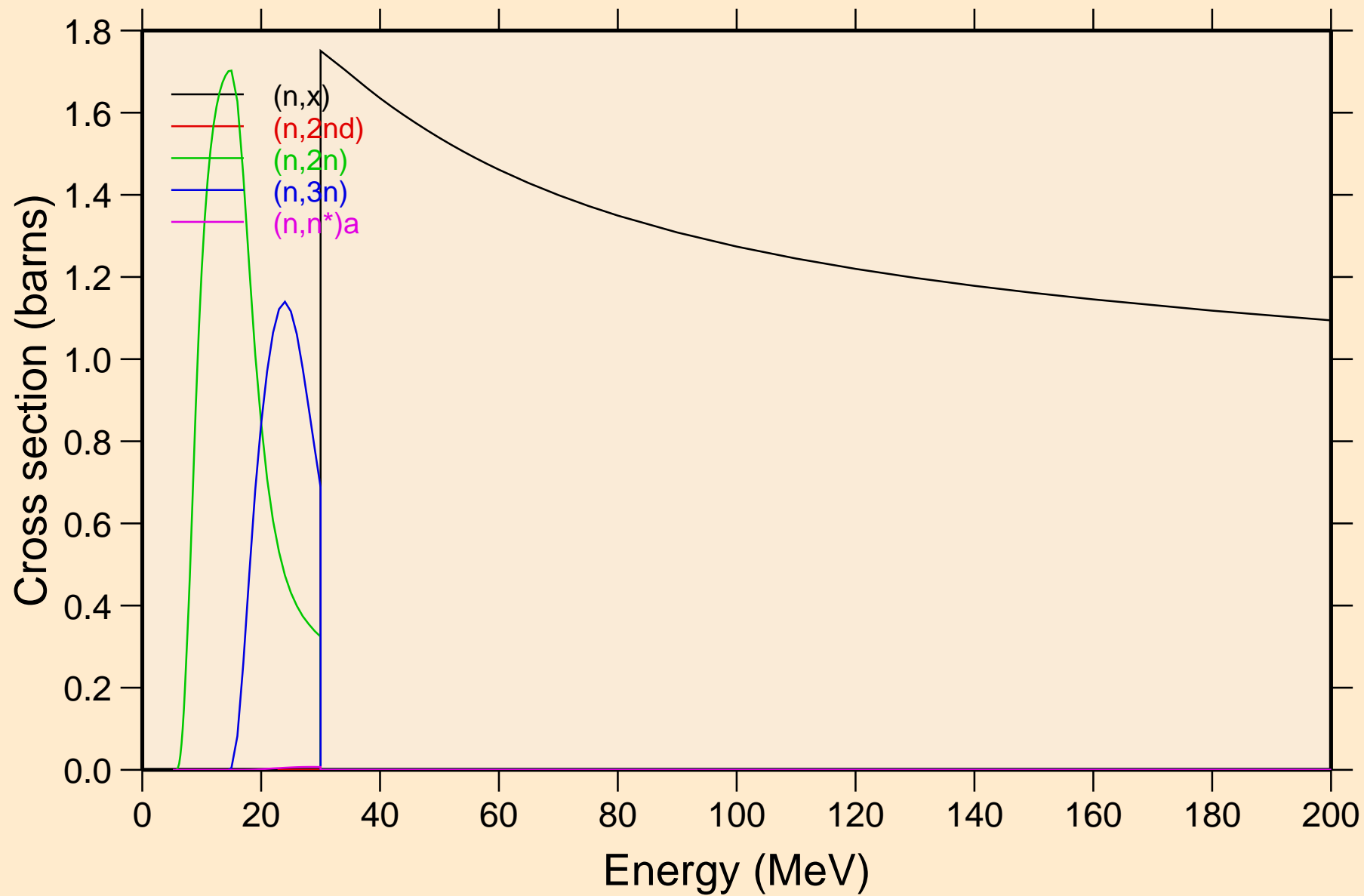
# CD117M NRG TENDL-2015, AKONING

## Inelastic levels



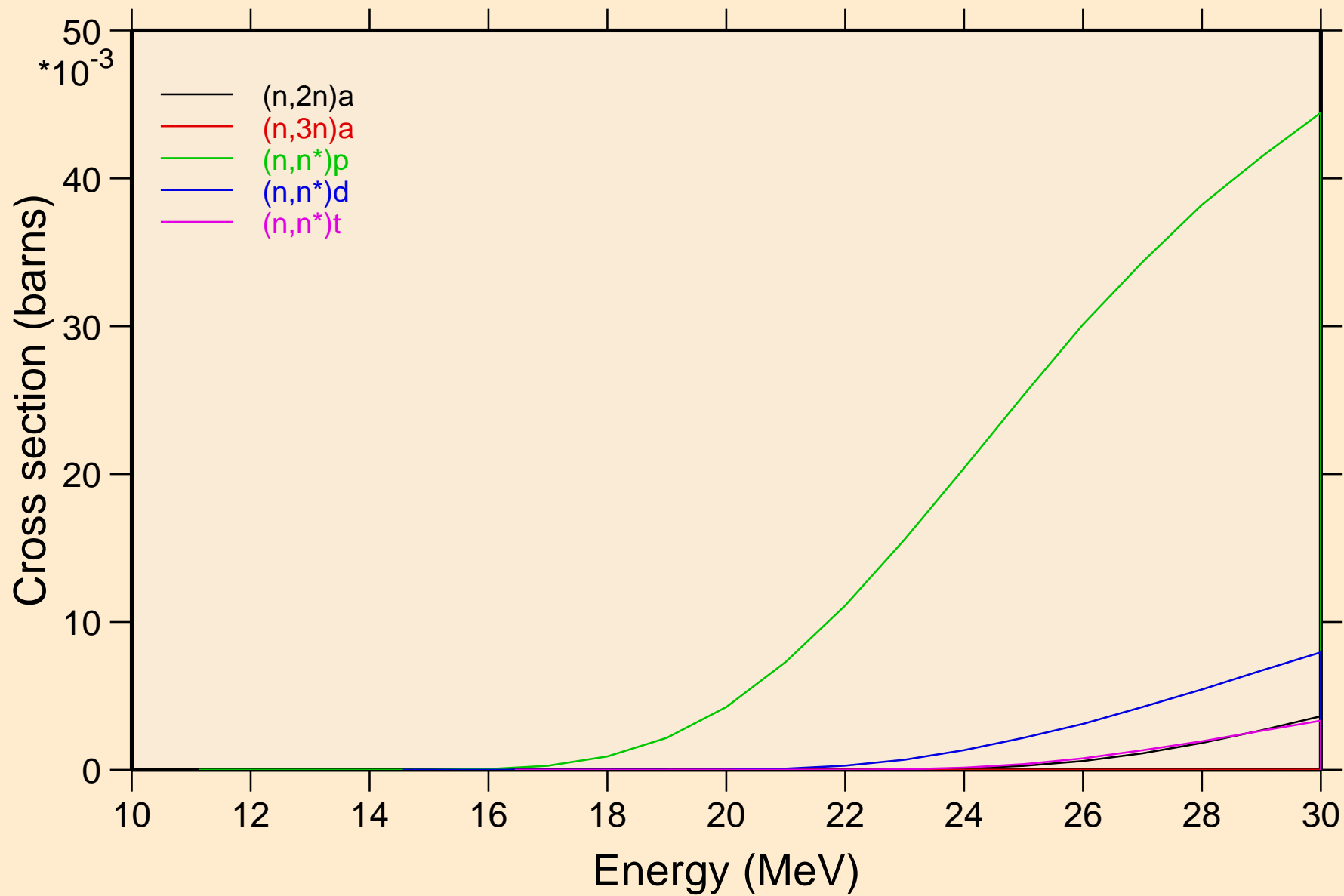
# CD117M NRG TENDL-2015, AKONING

## Threshold reactions



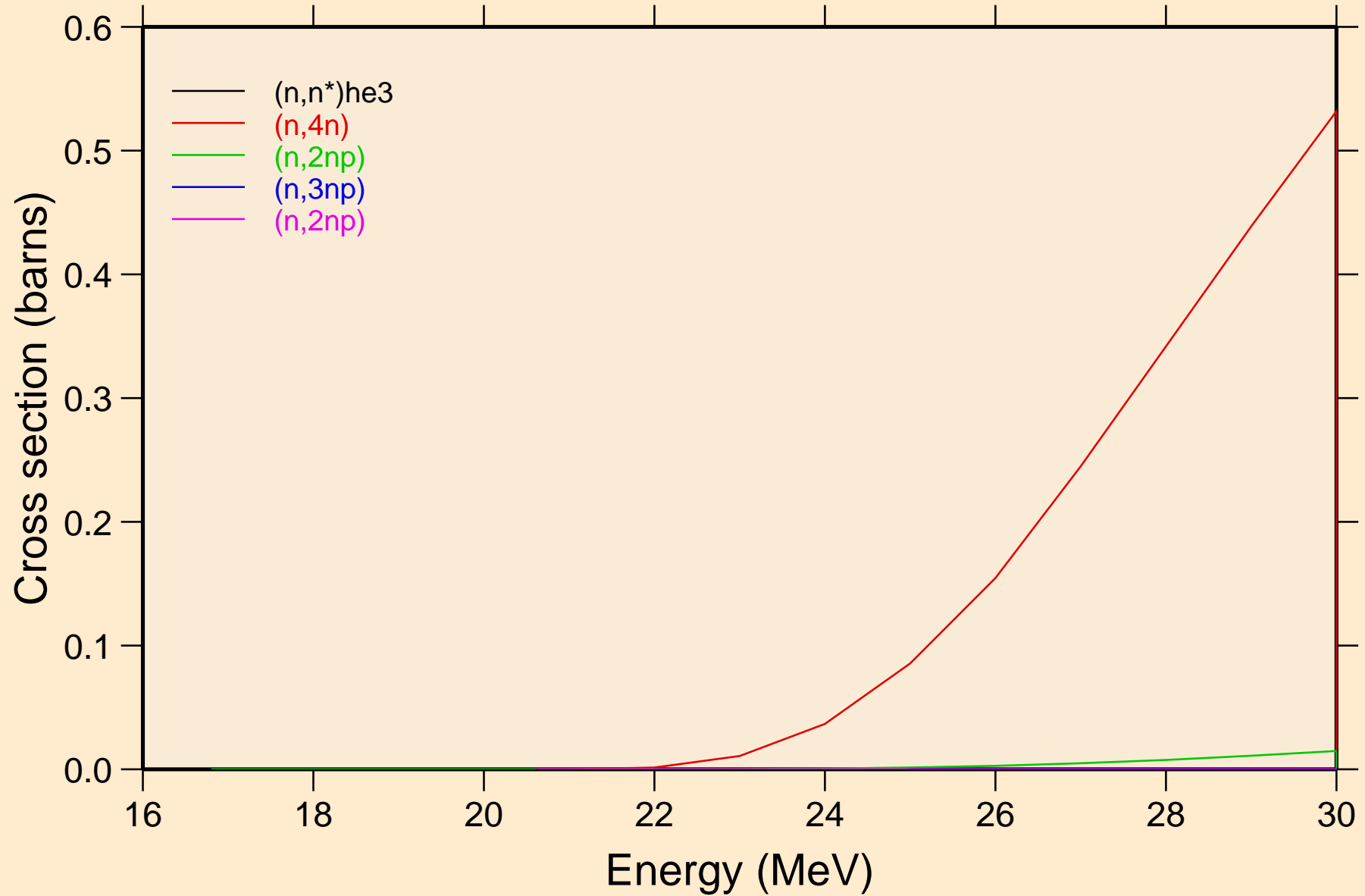
# CD117M NRG TENDL-2015, AKONING

## Threshold reactions



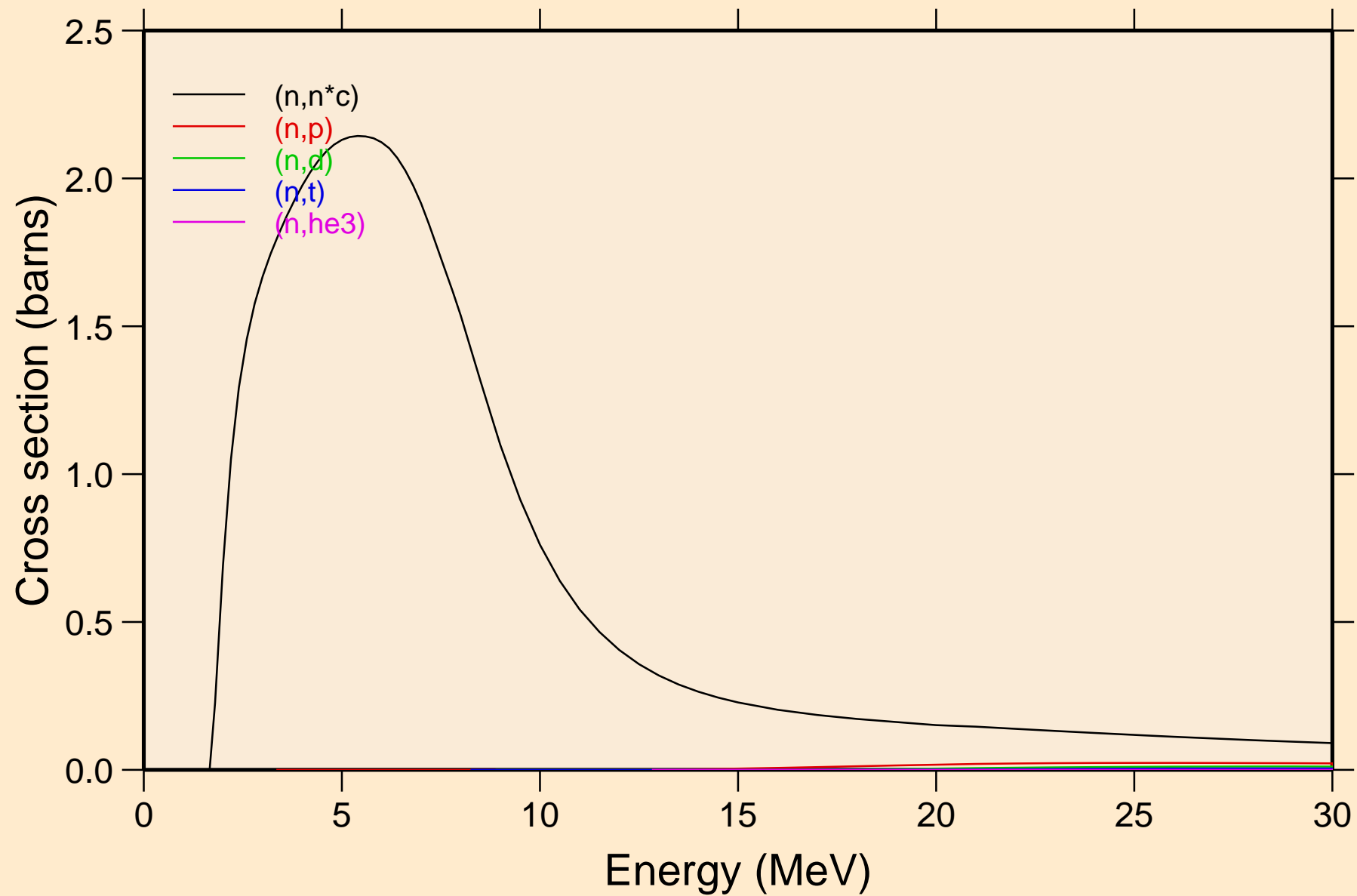
# CD117M NRG TENDL-2015, AKONING

## Threshold reactions



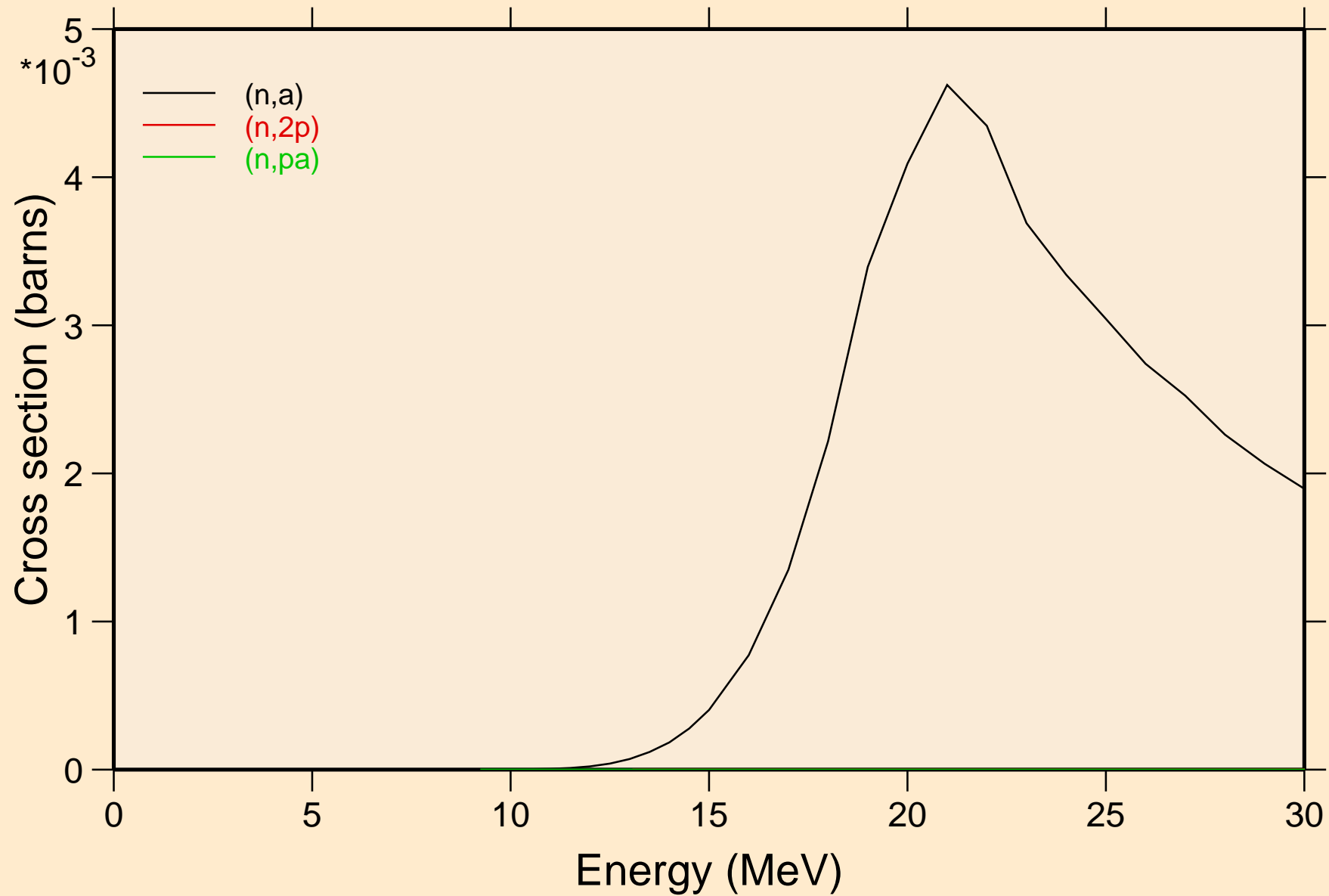
# CD117M NRG TENDL-2015, AKONING

## Threshold reactions

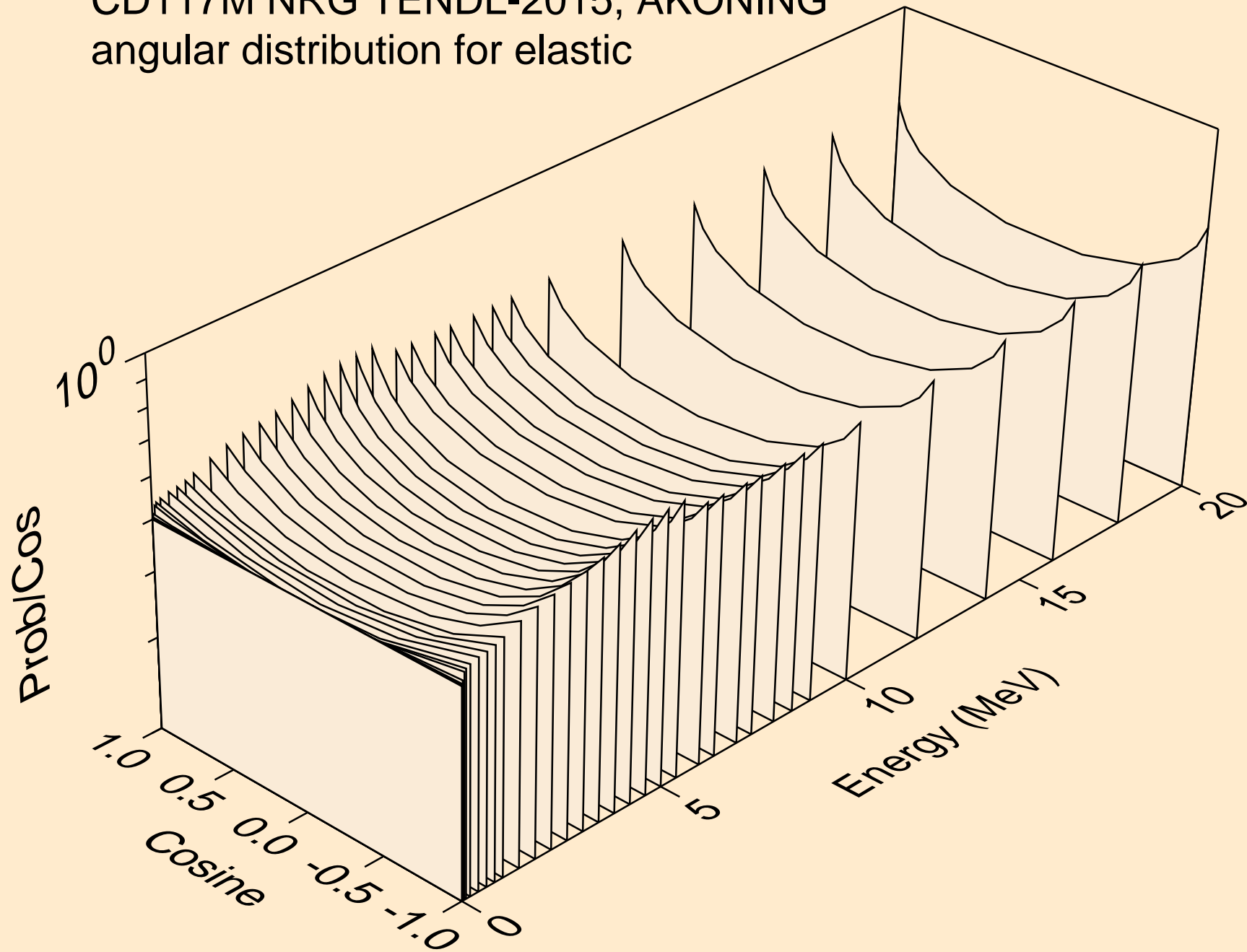


# CD117M NRG TENDL-2015, AKONING

## Threshold reactions

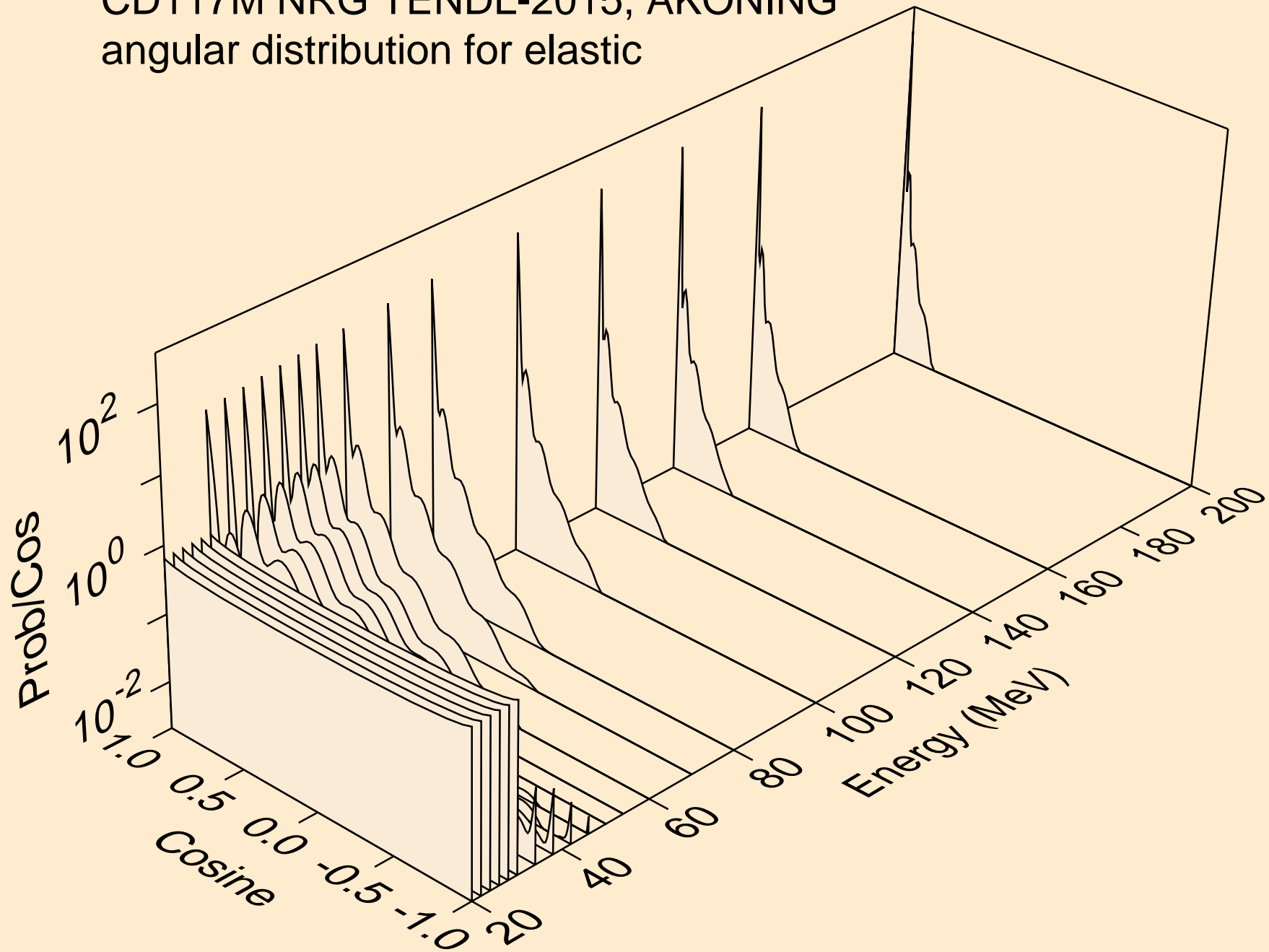


CD117M NRG TENDL-2015, AKONING  
angular distribution for elastic

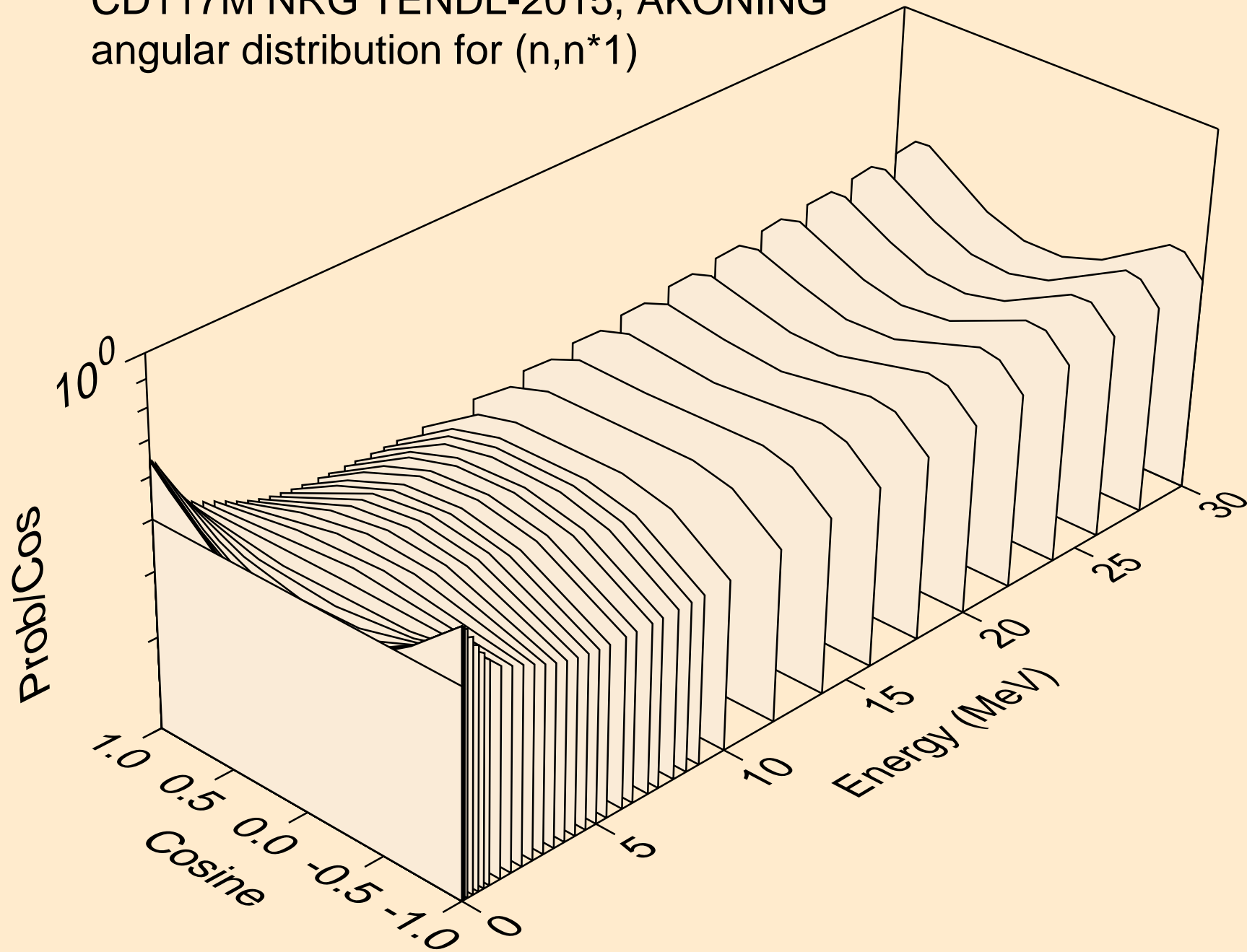




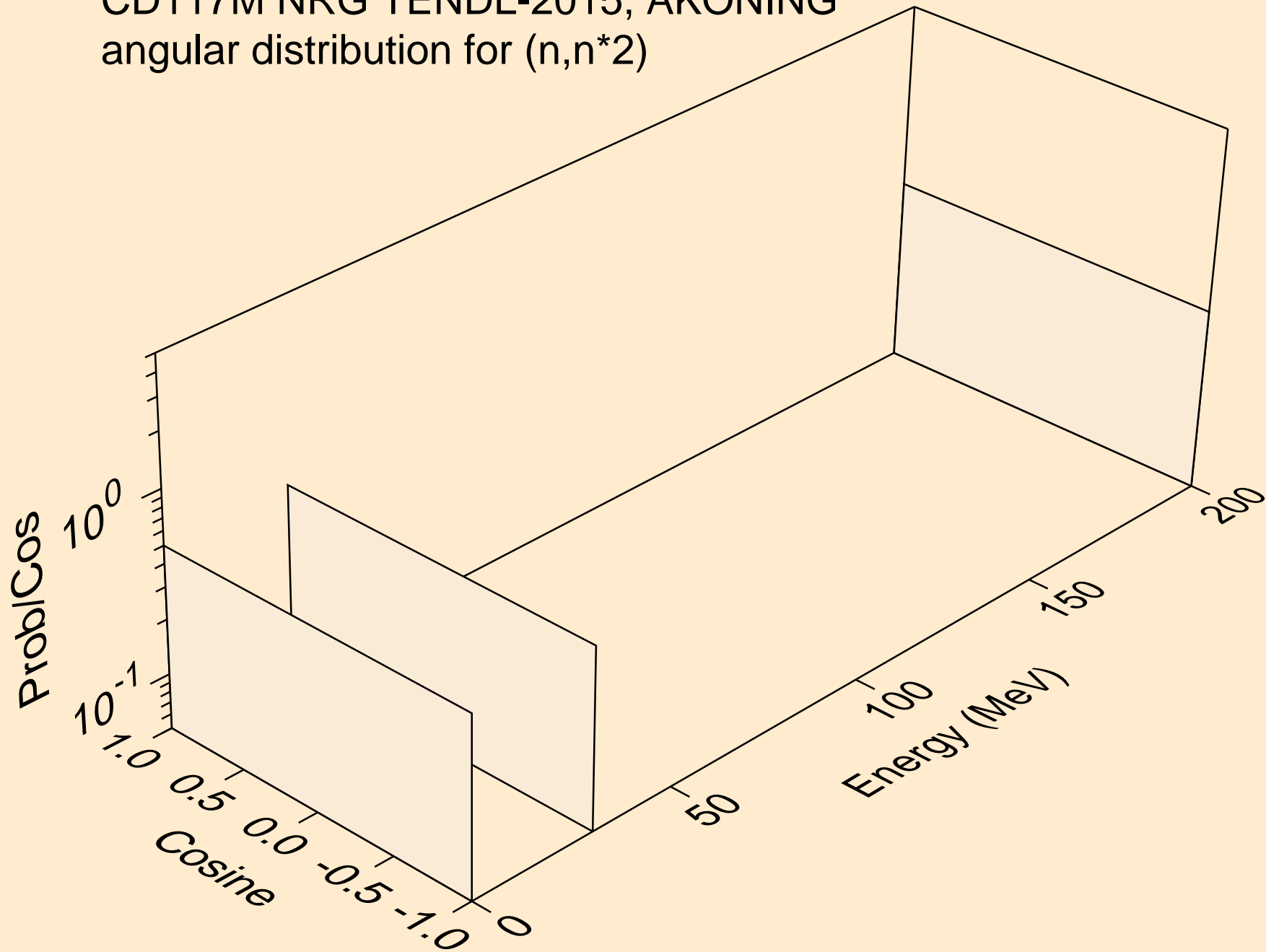
CD117M NRG TENDL-2015, AKONING  
angular distribution for elastic



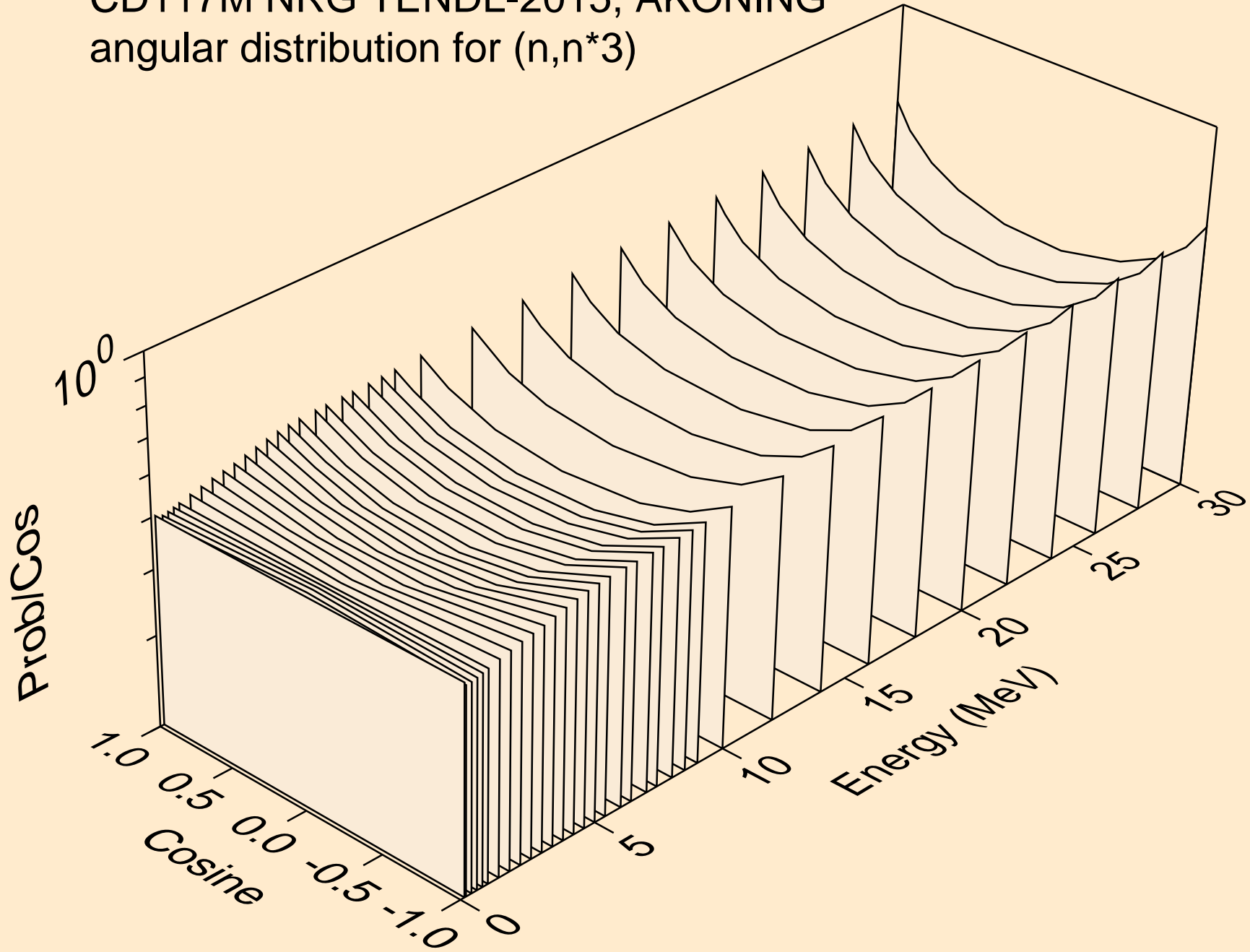
CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



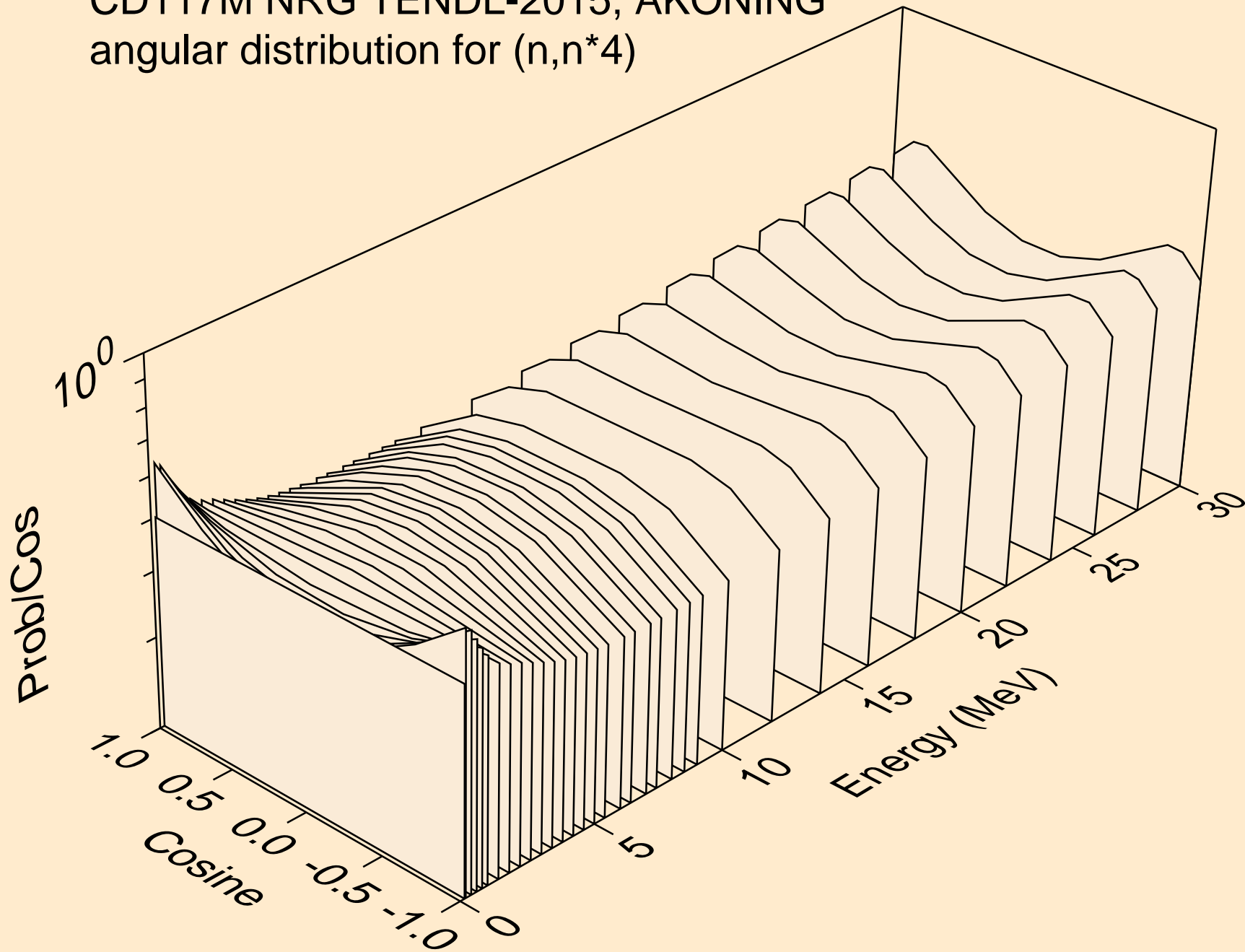
CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



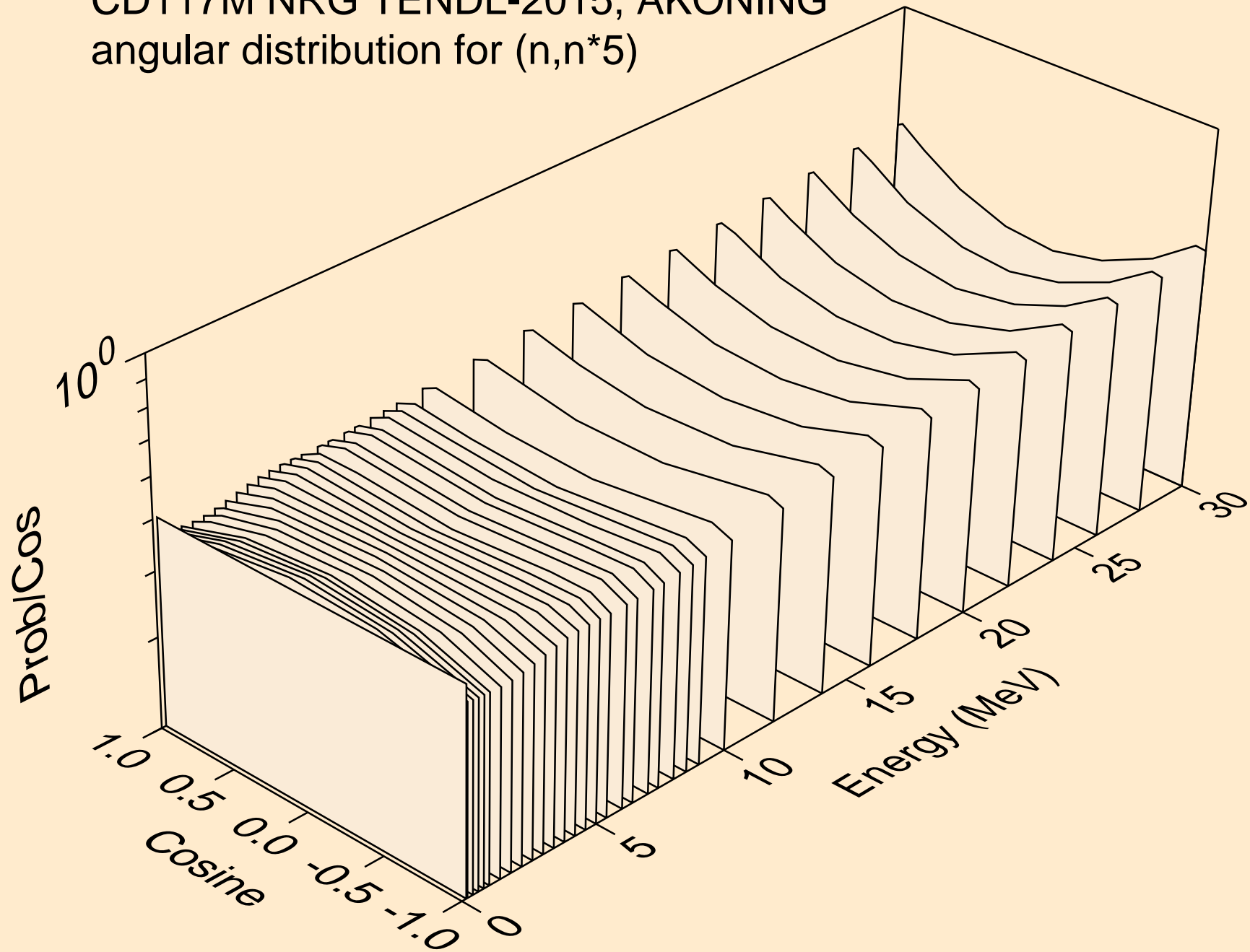
CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



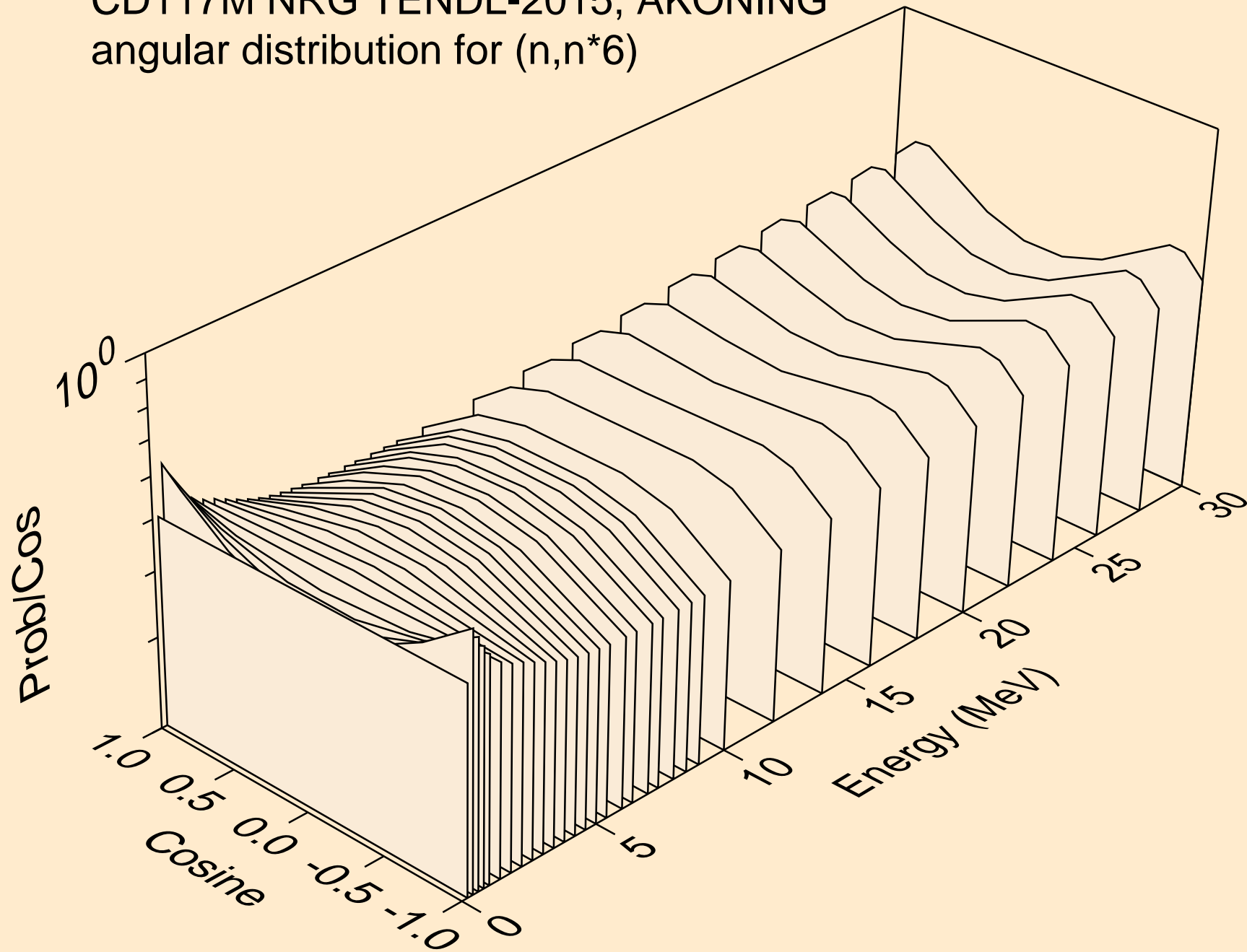
CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



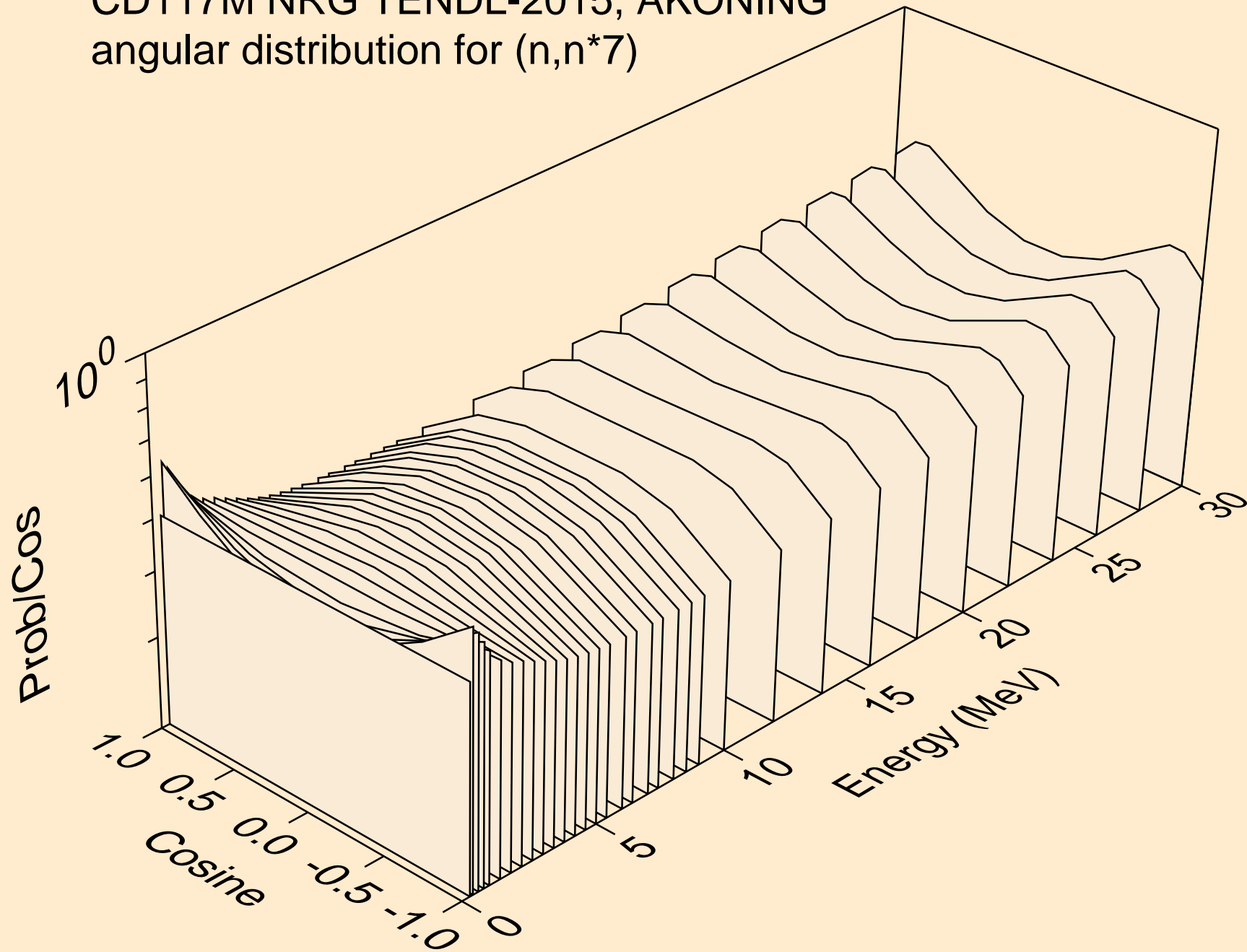
CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

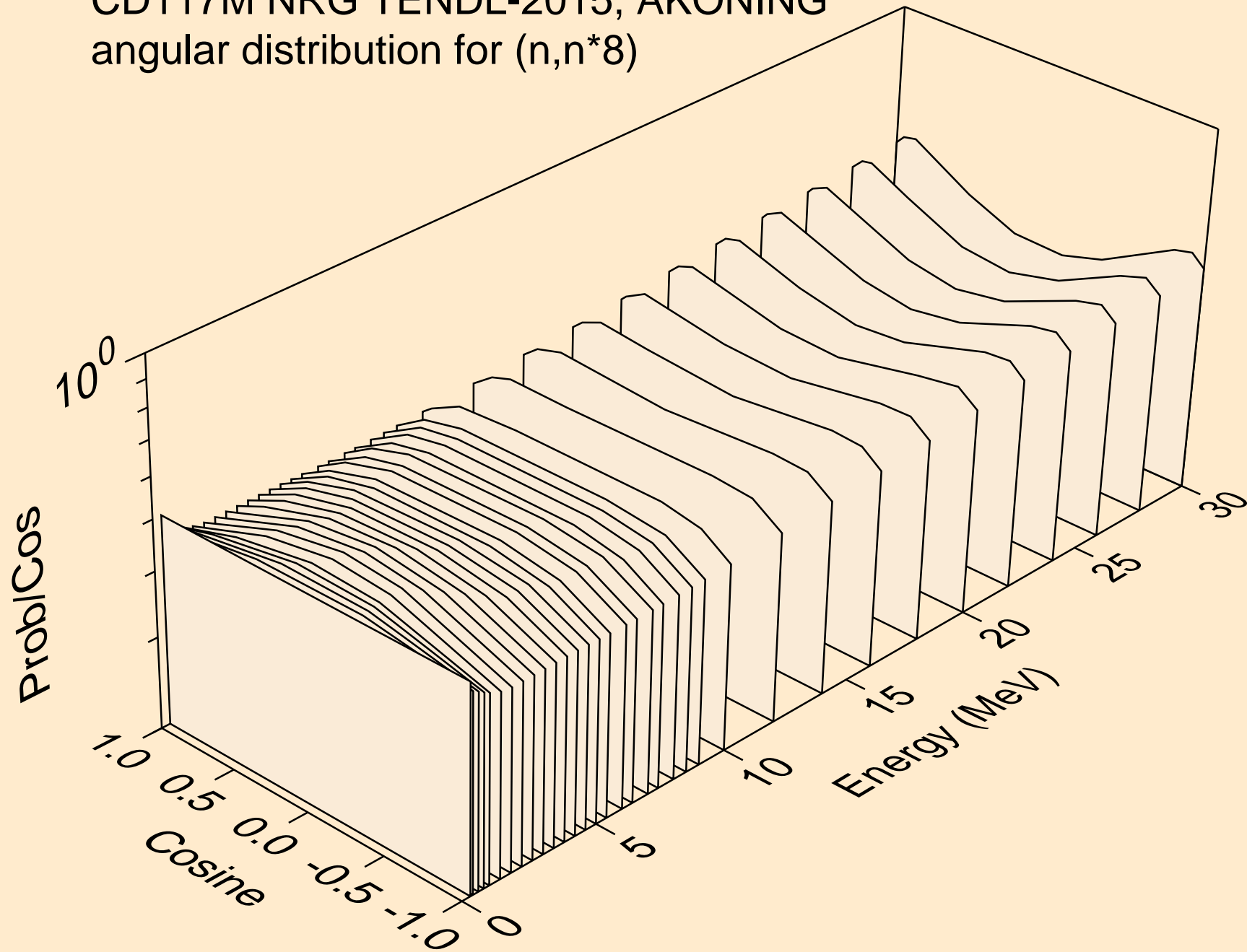


CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

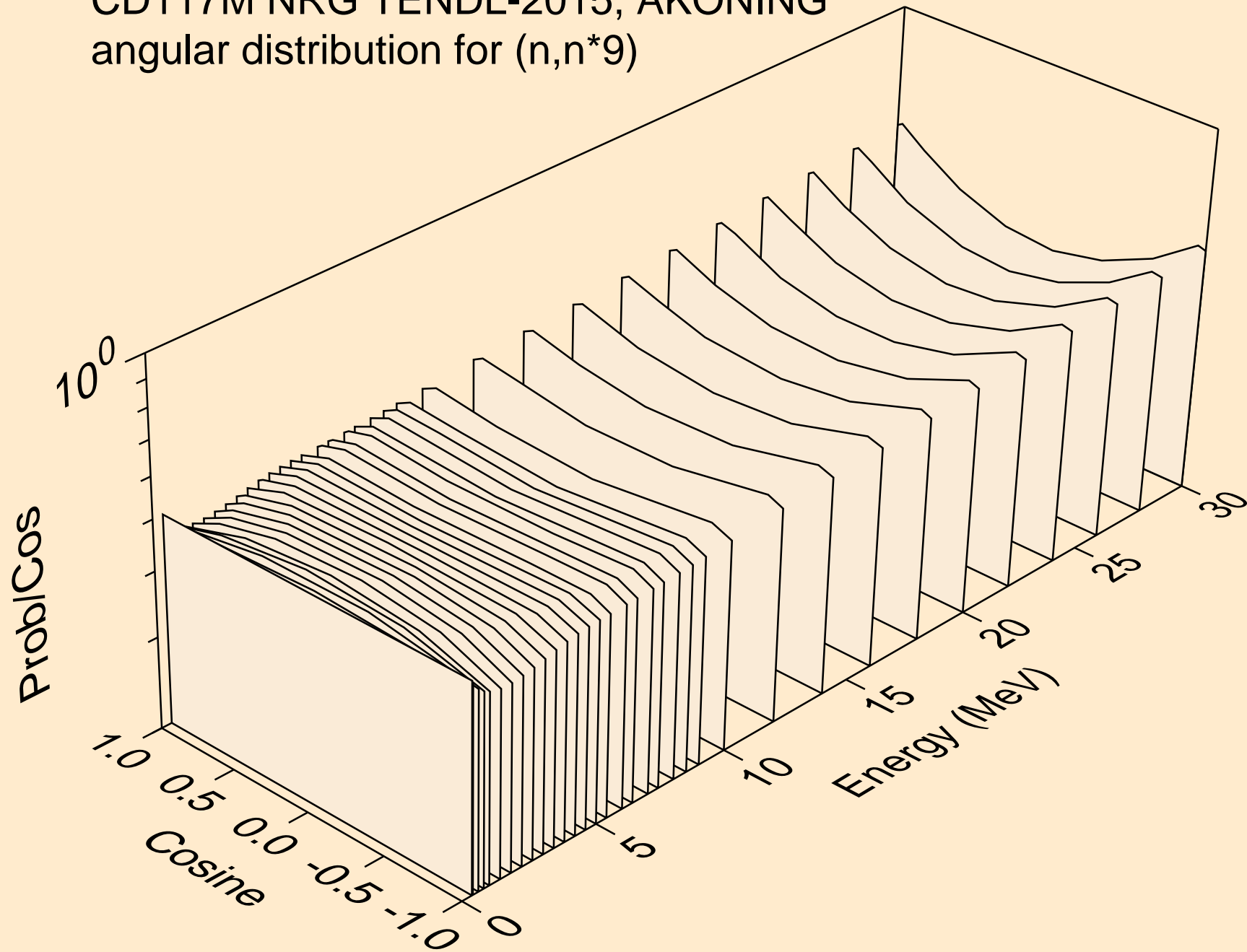




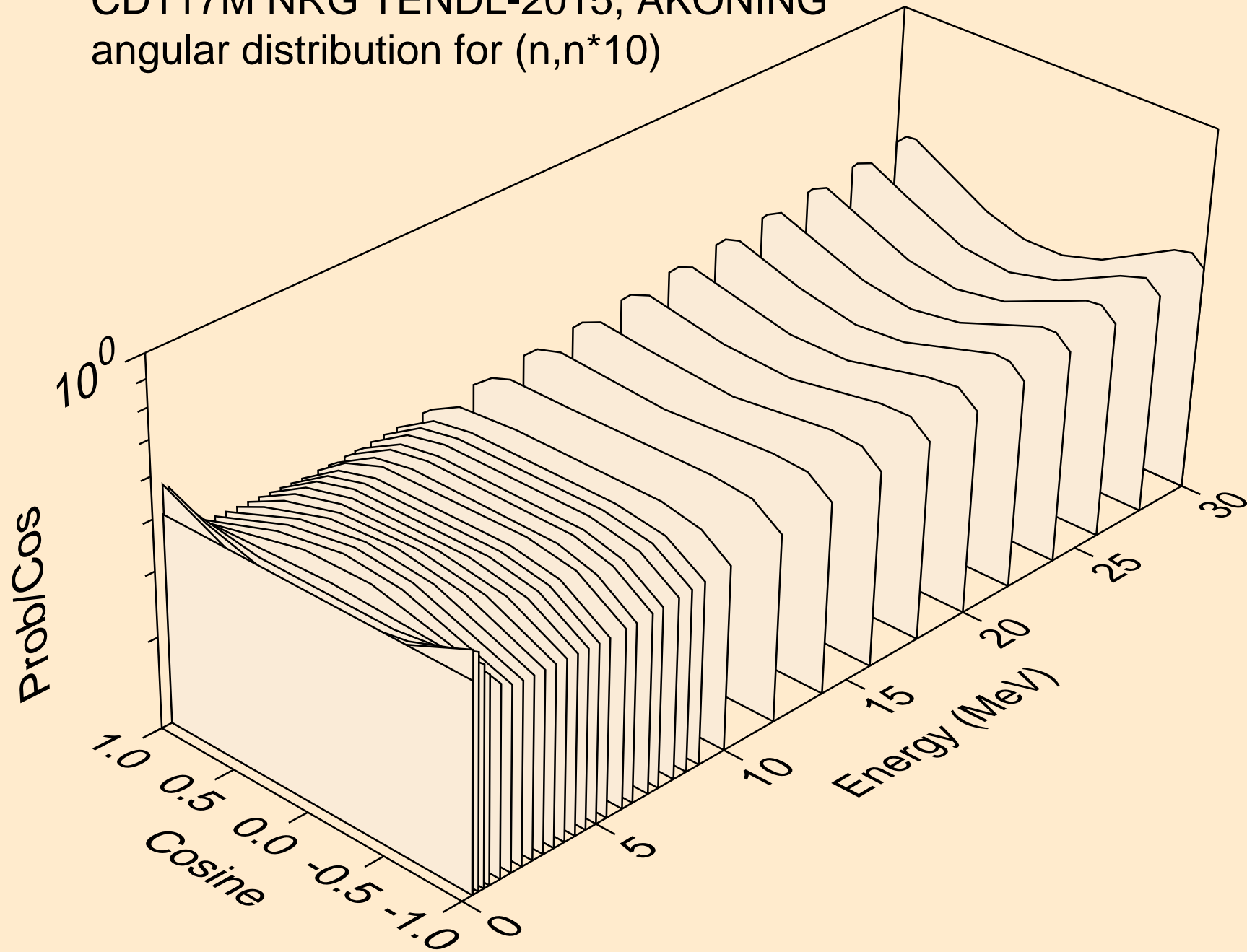
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angular distribution for (n,n\*8)



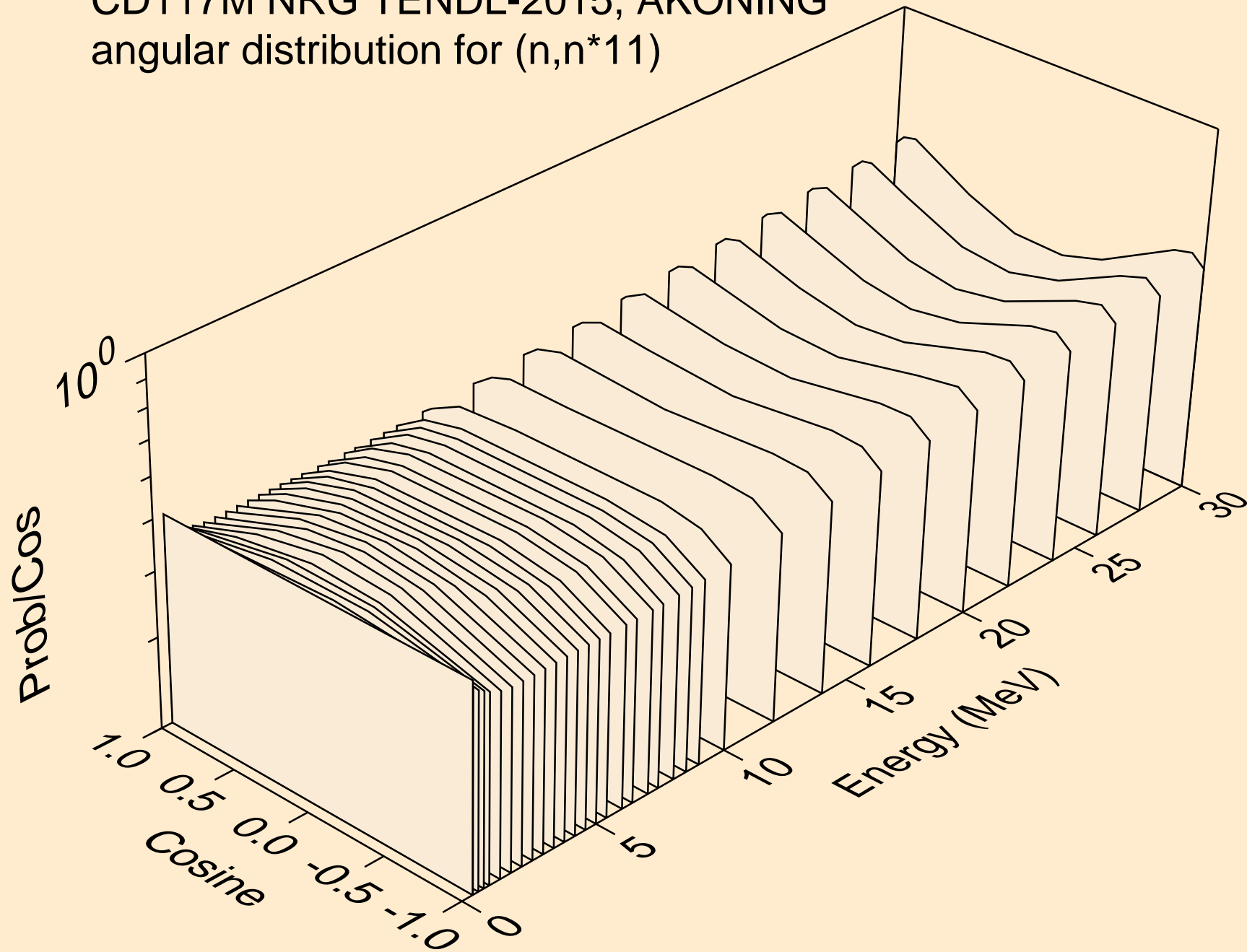
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angular distribution for (n,n\*9)



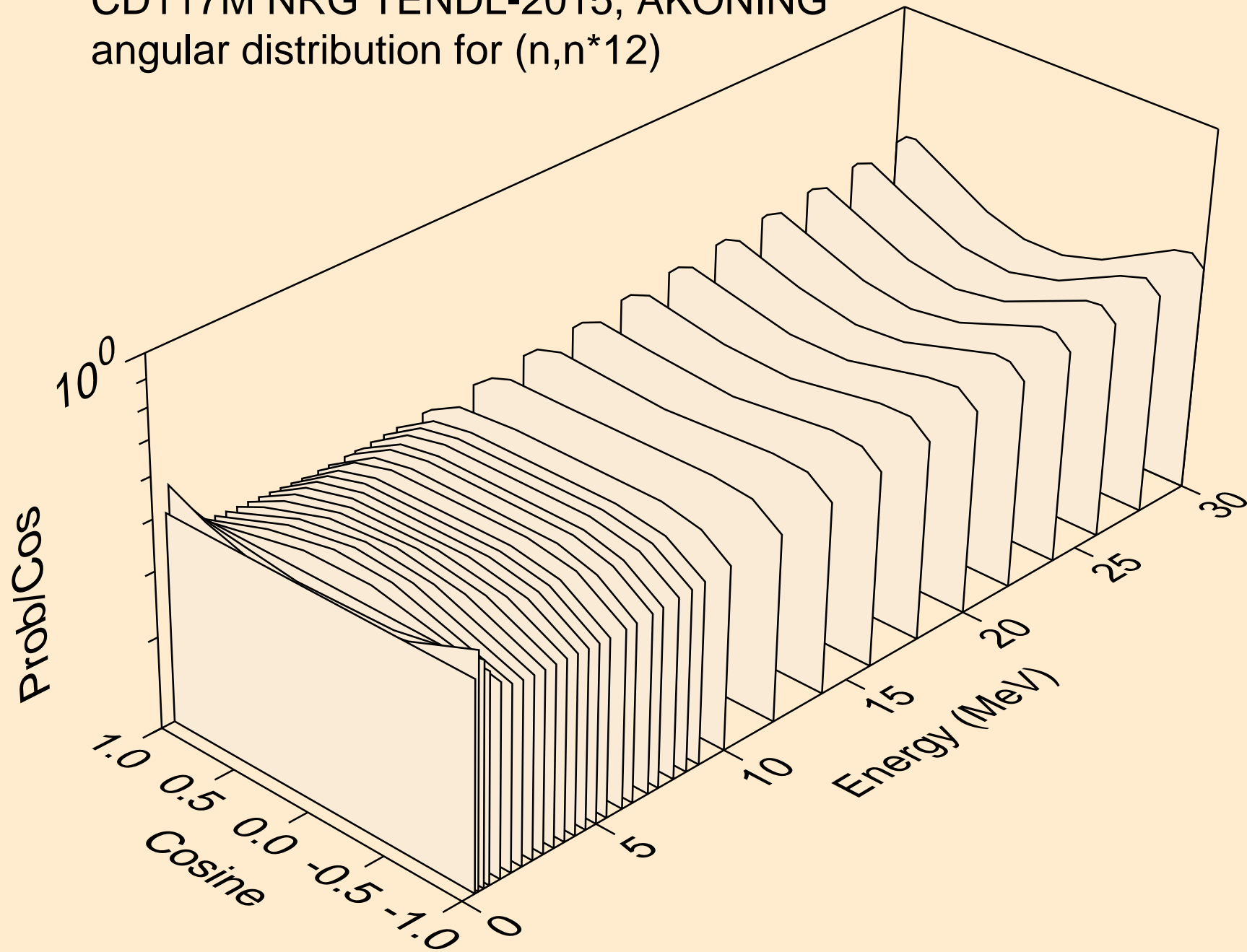
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angular distribution for (n,n\*10)



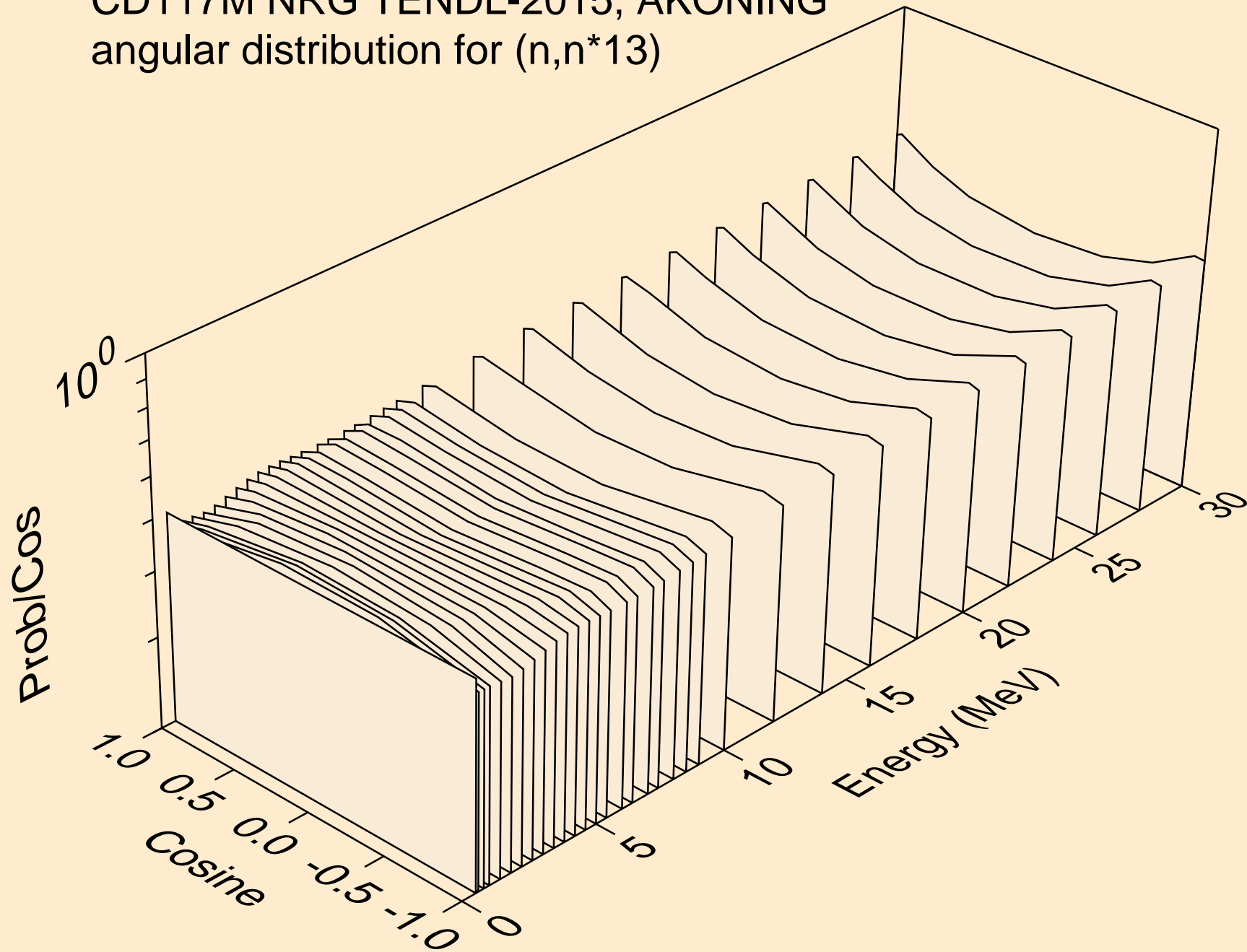
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angular distribution for (n,n\*11)



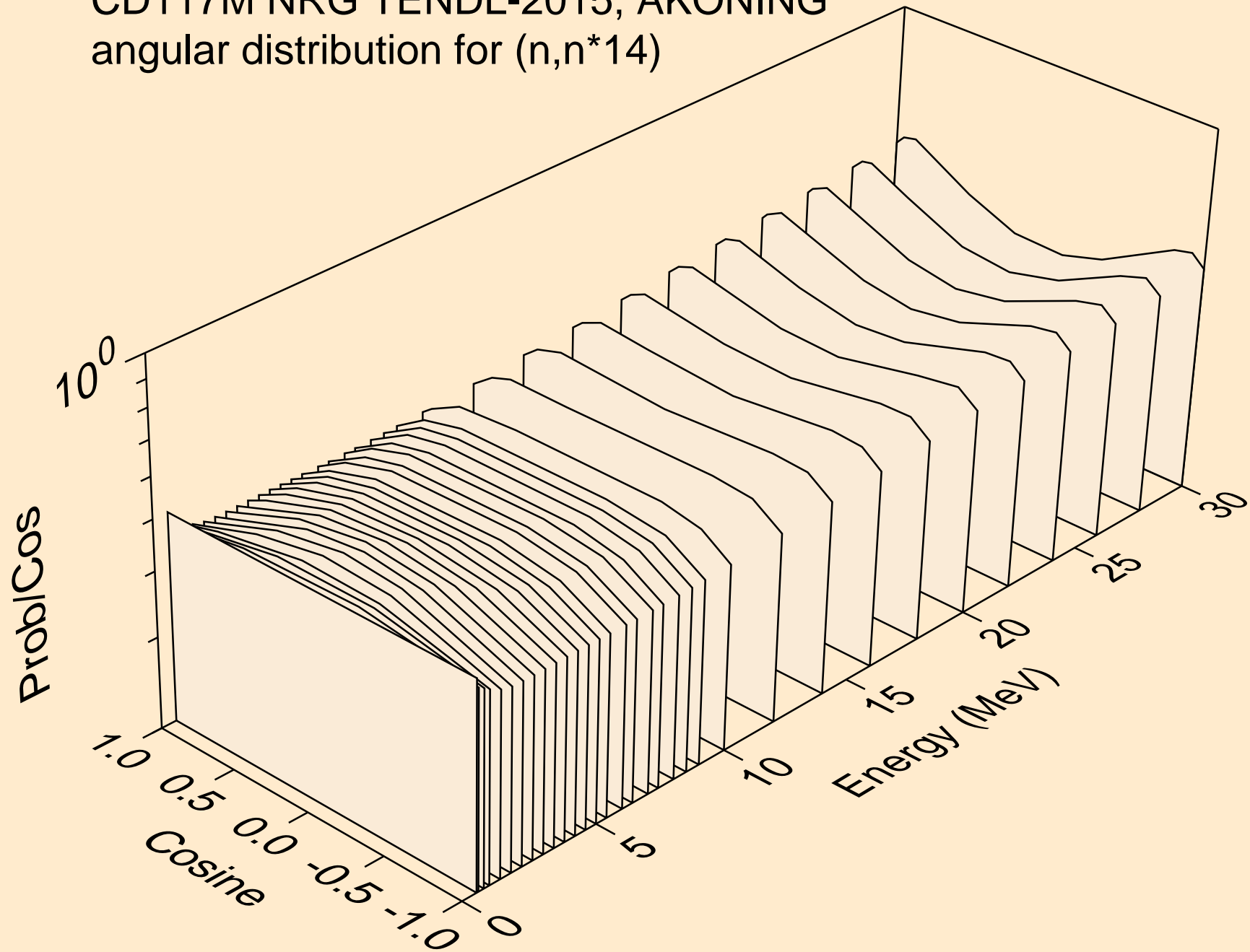
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angular distribution for (n,n\*12)



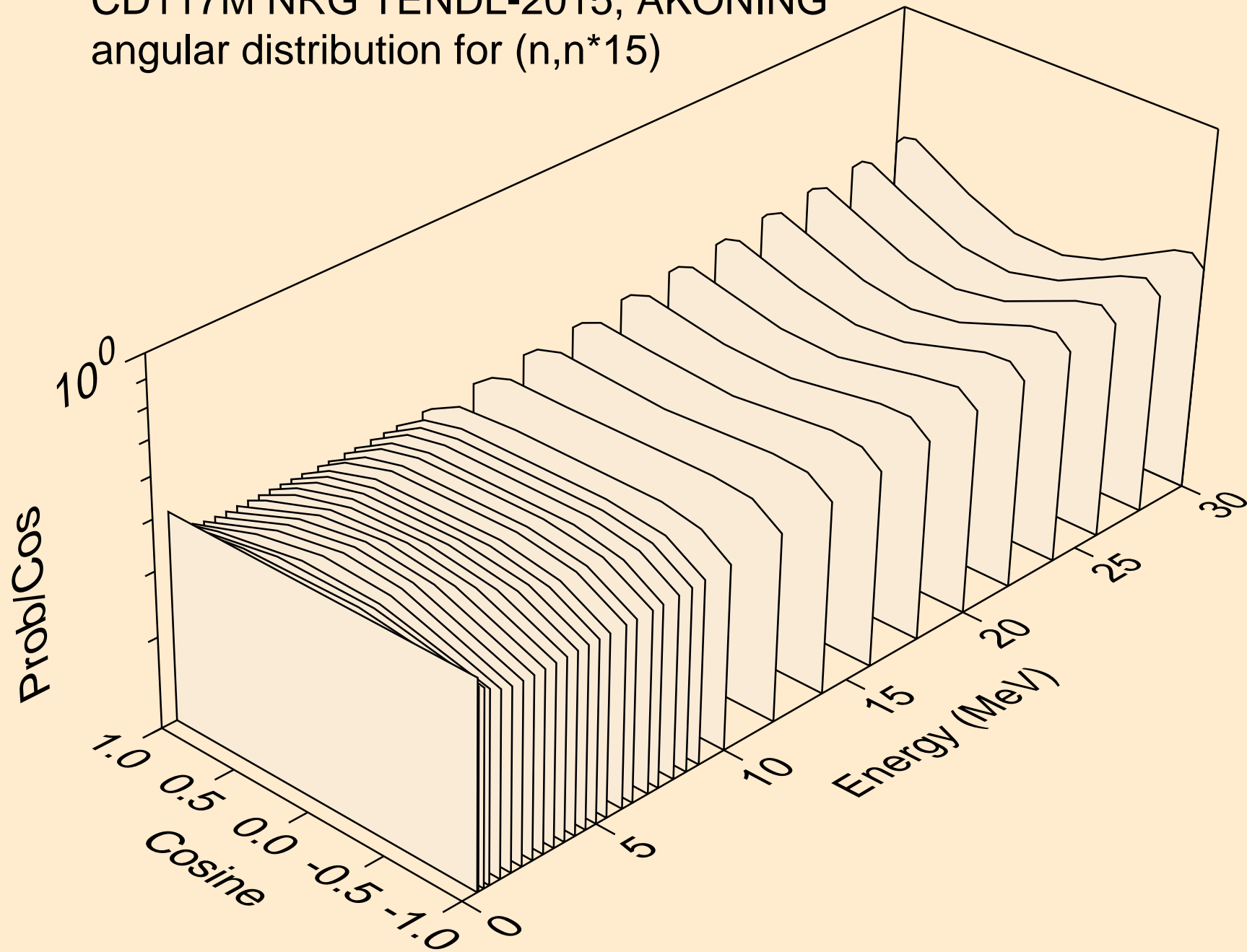
CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

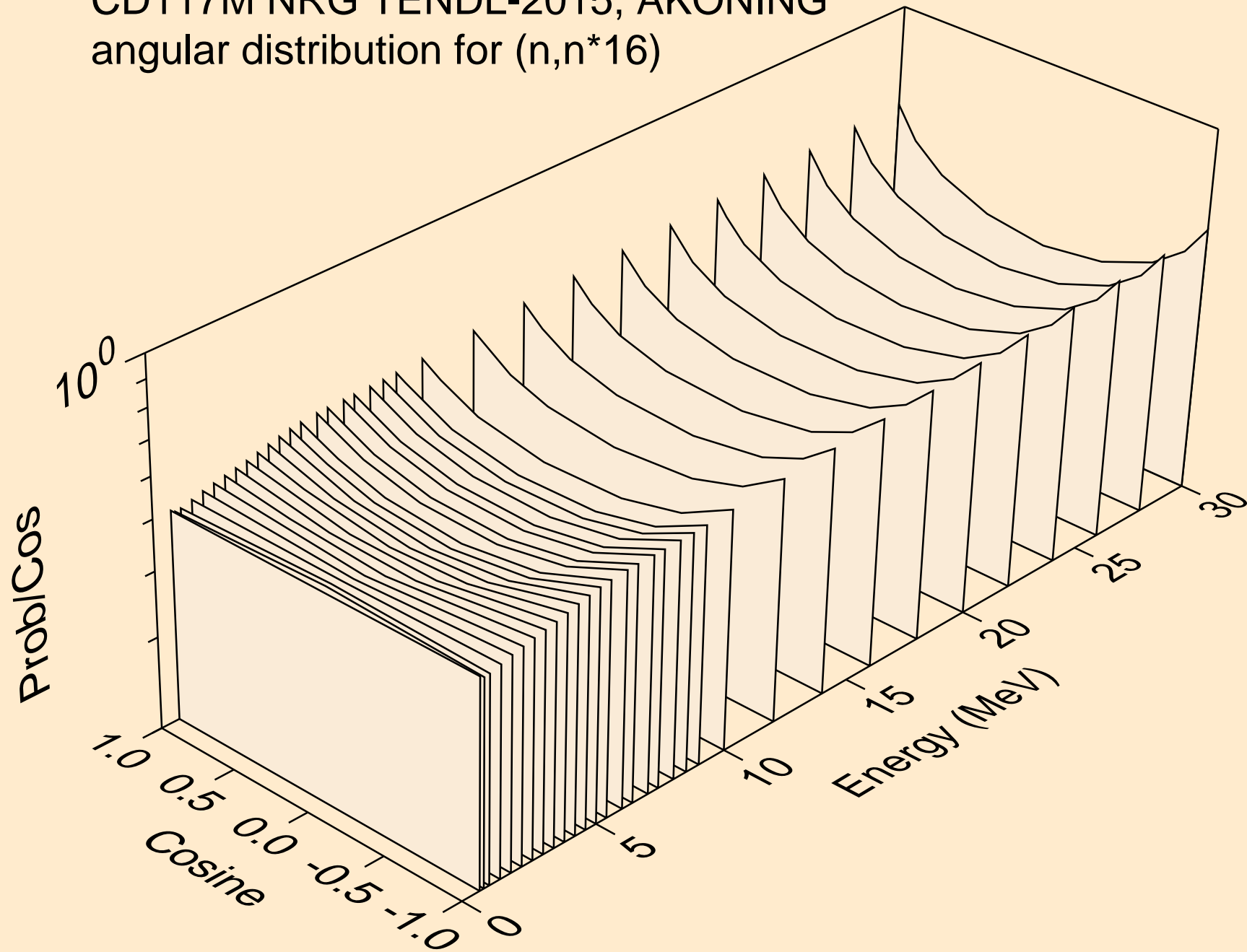


CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

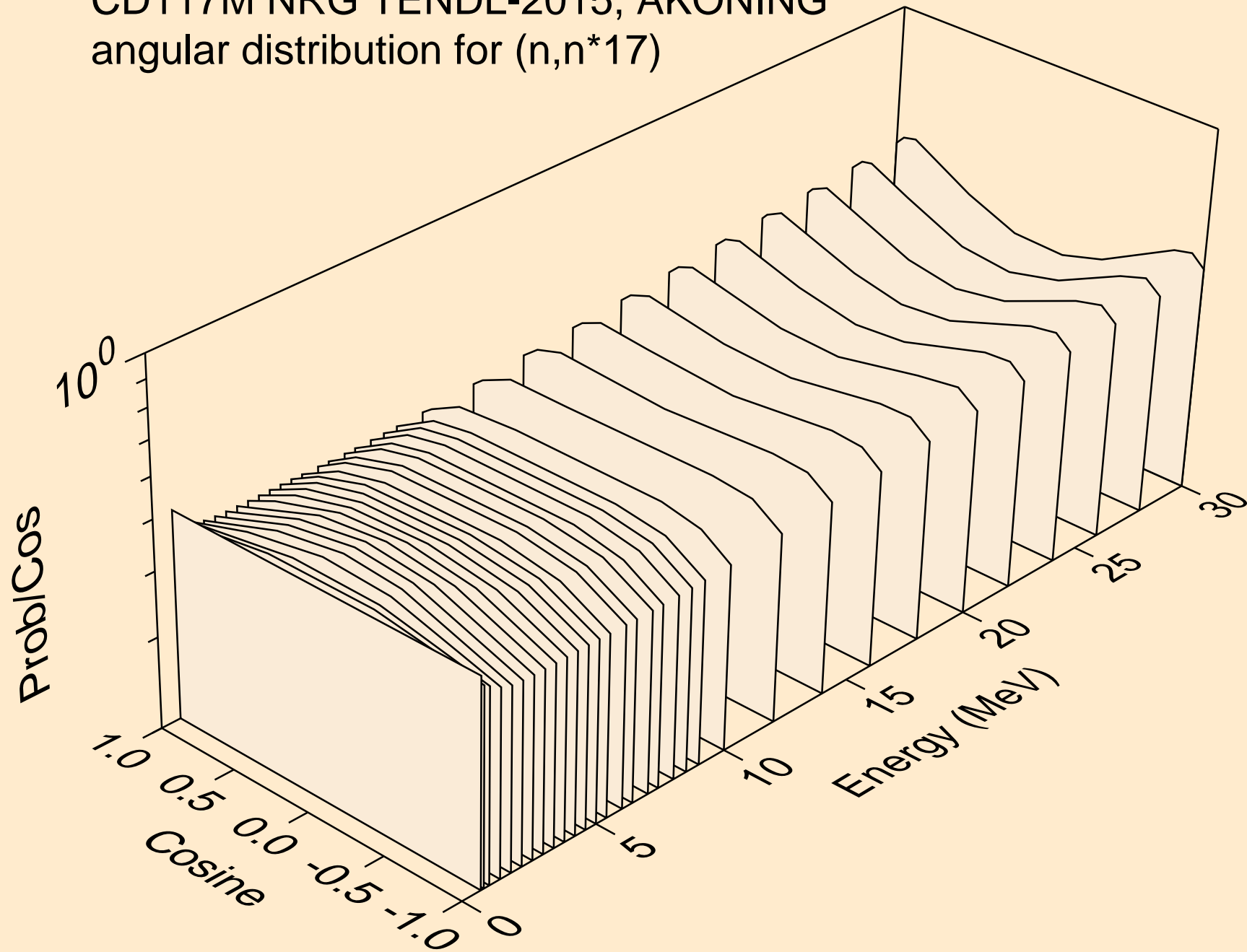




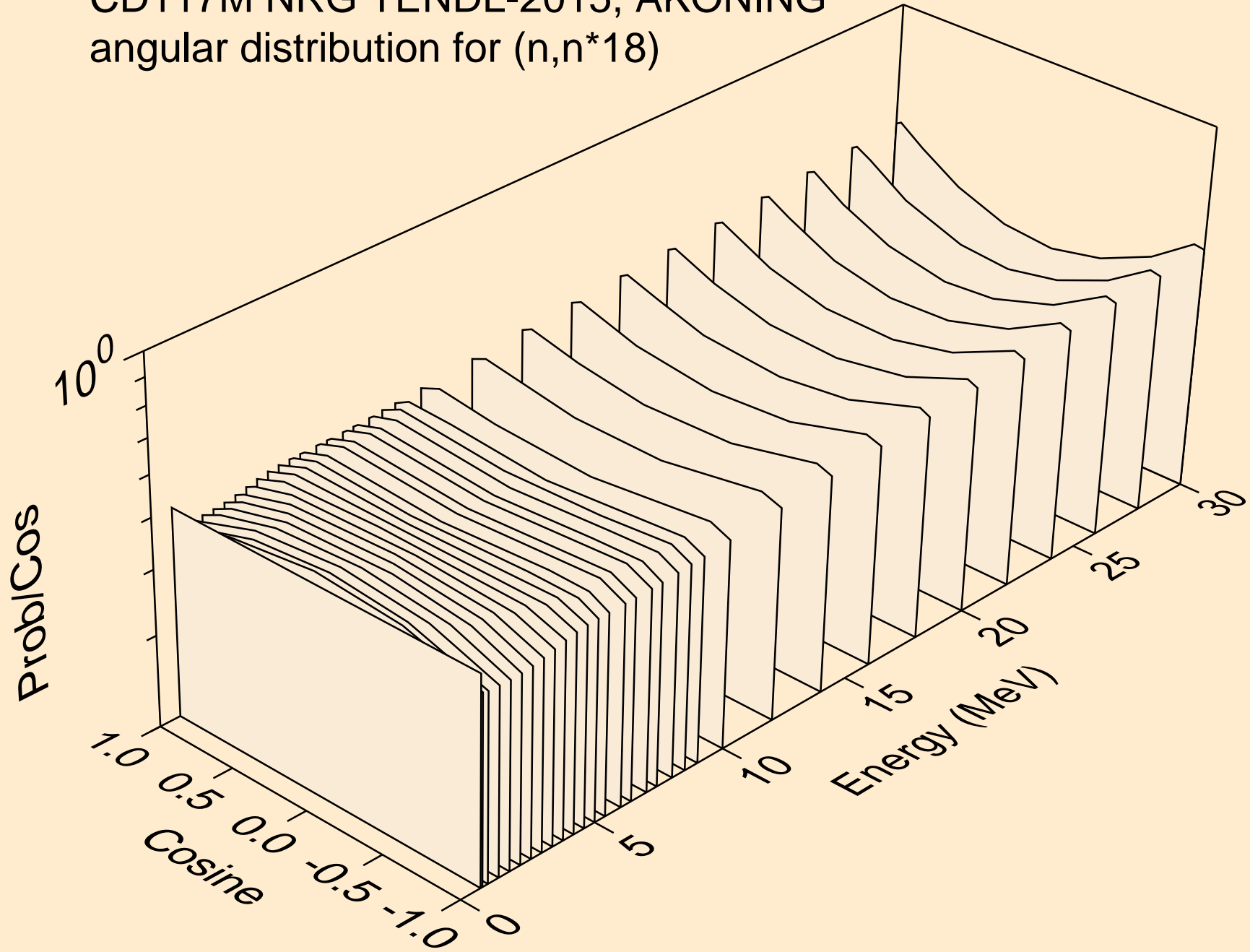
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angular distribution for (n,n\*16)



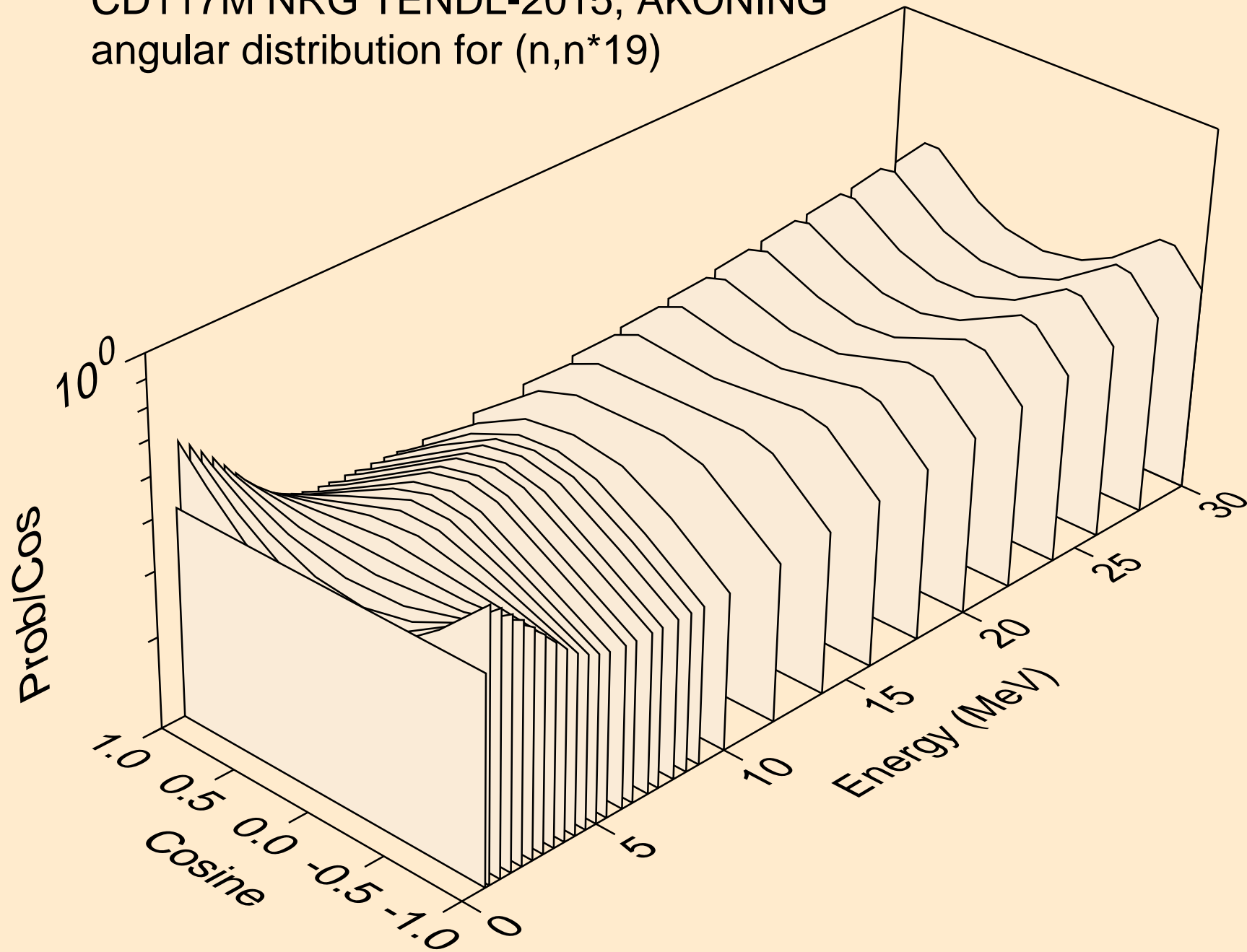
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angular distribution for (n,n\*17)



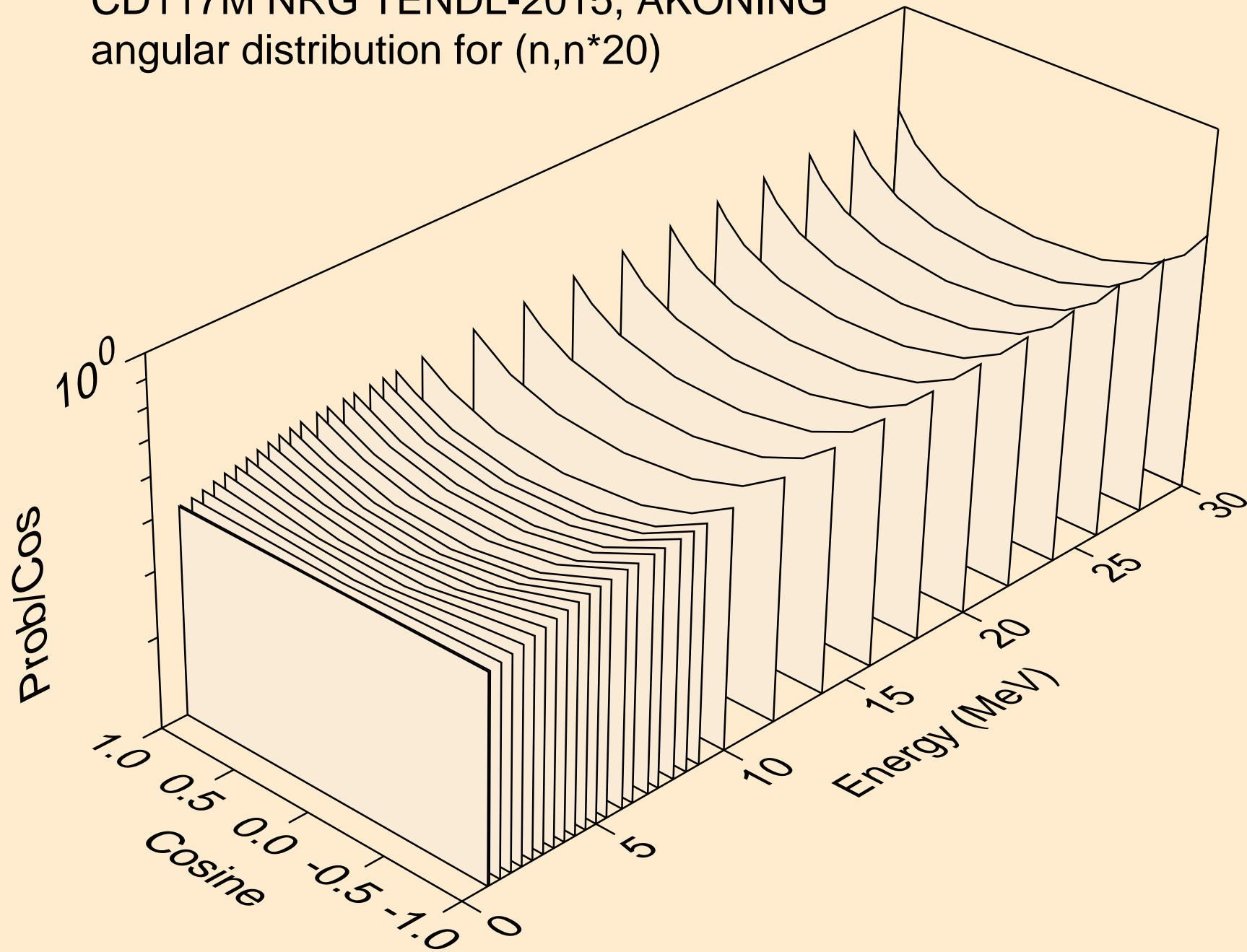
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angular distribution for (n,n\*18)



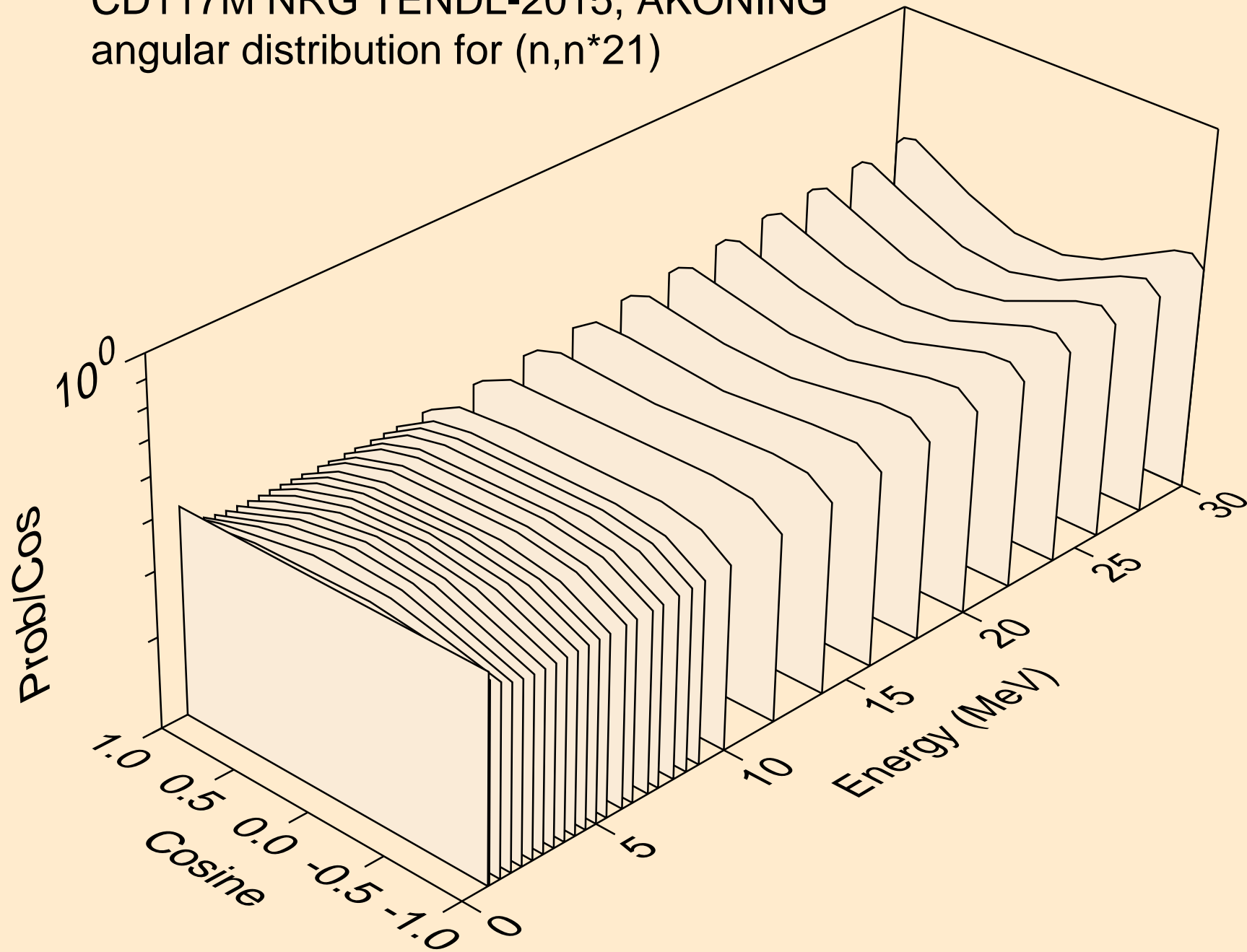
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angular distribution for (n,n\*19)



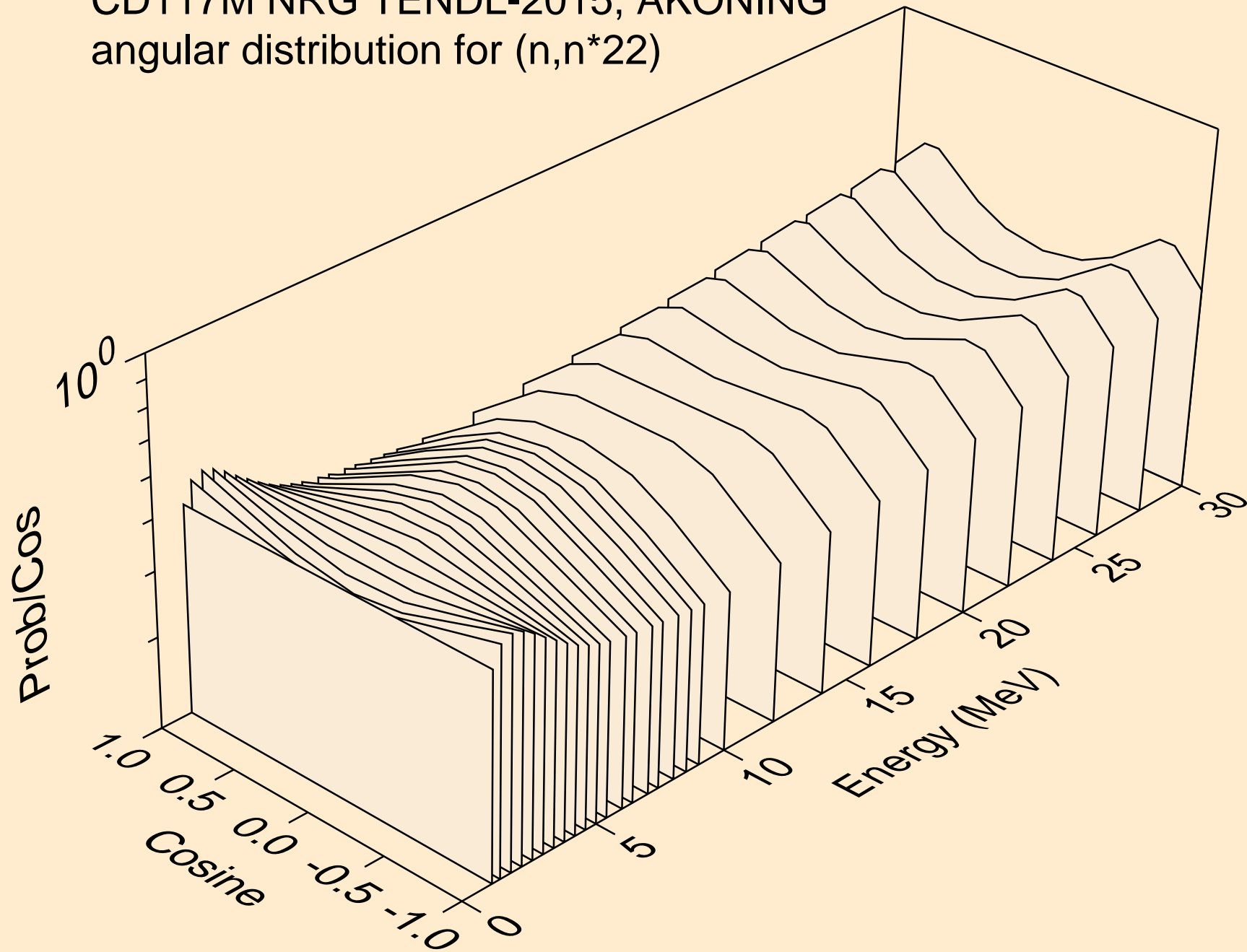
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angular distribution for (n,n\*20)



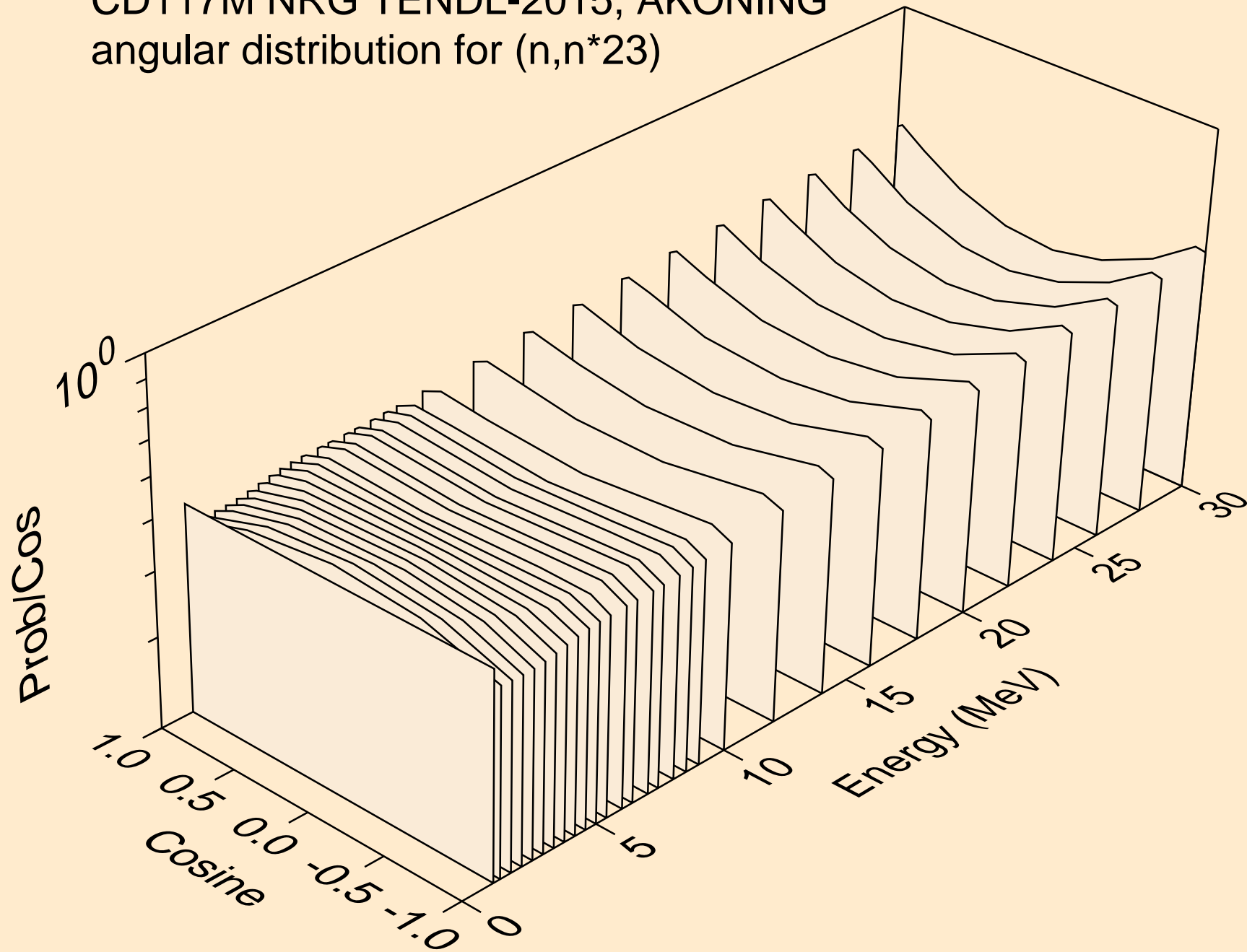
CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

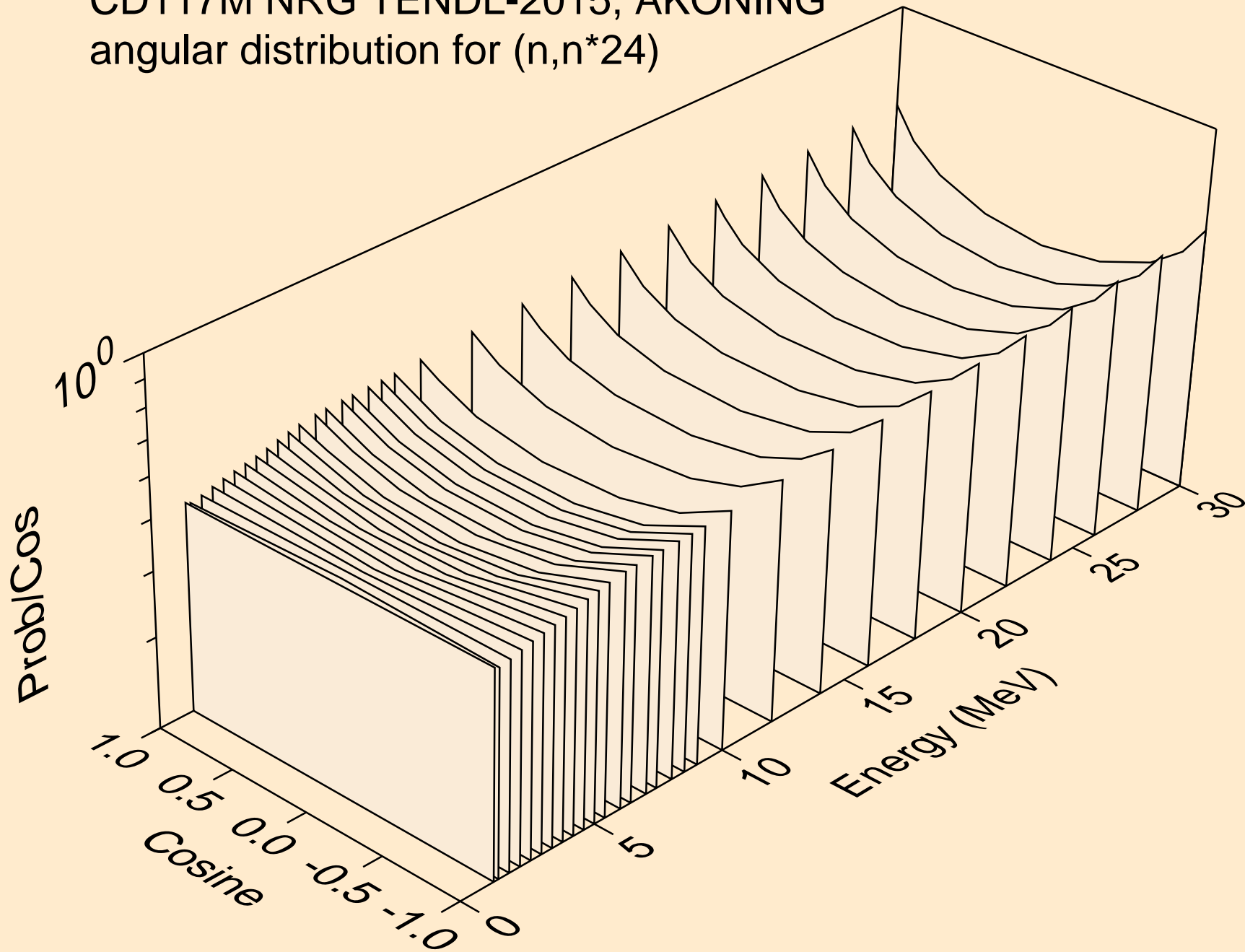


CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

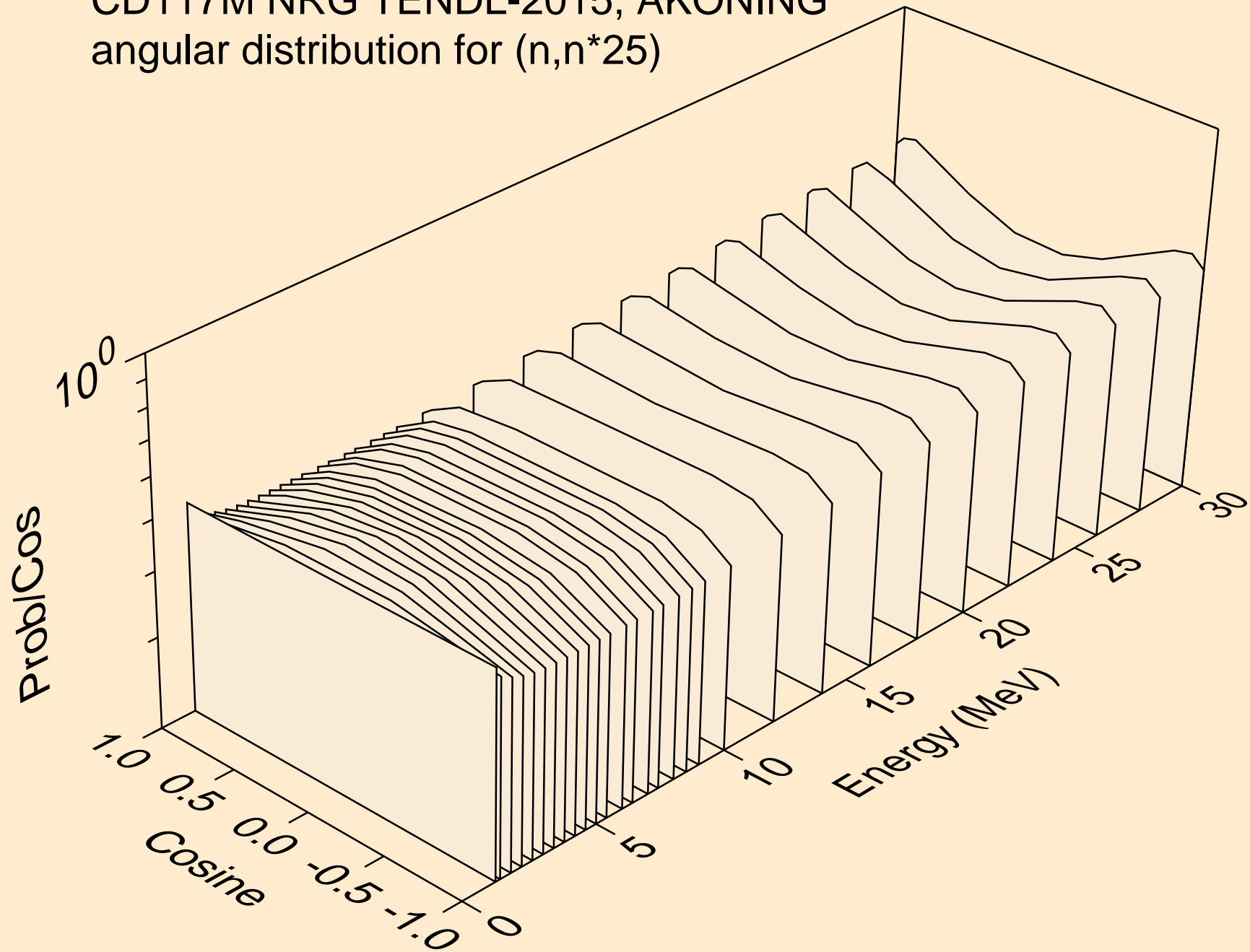




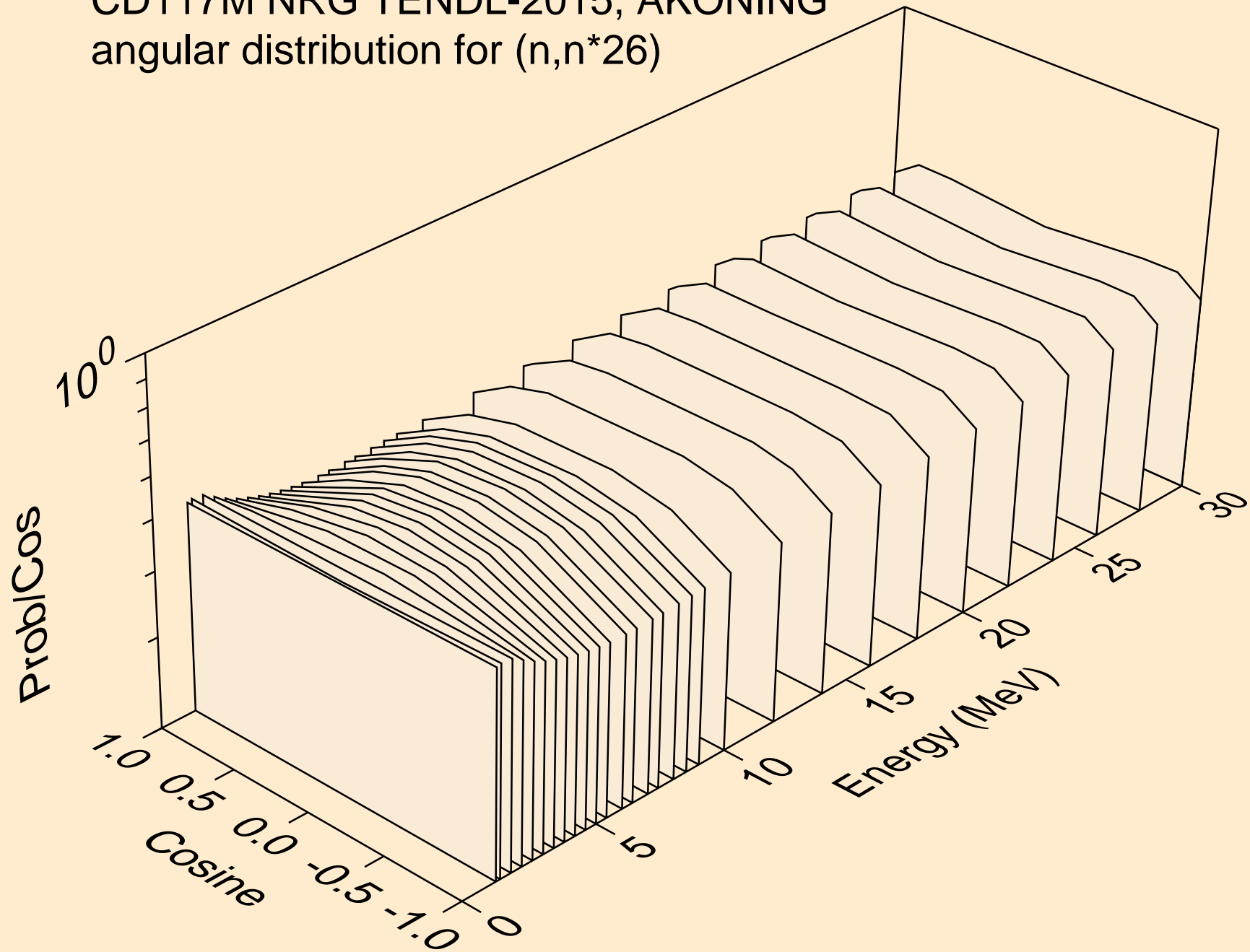
CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



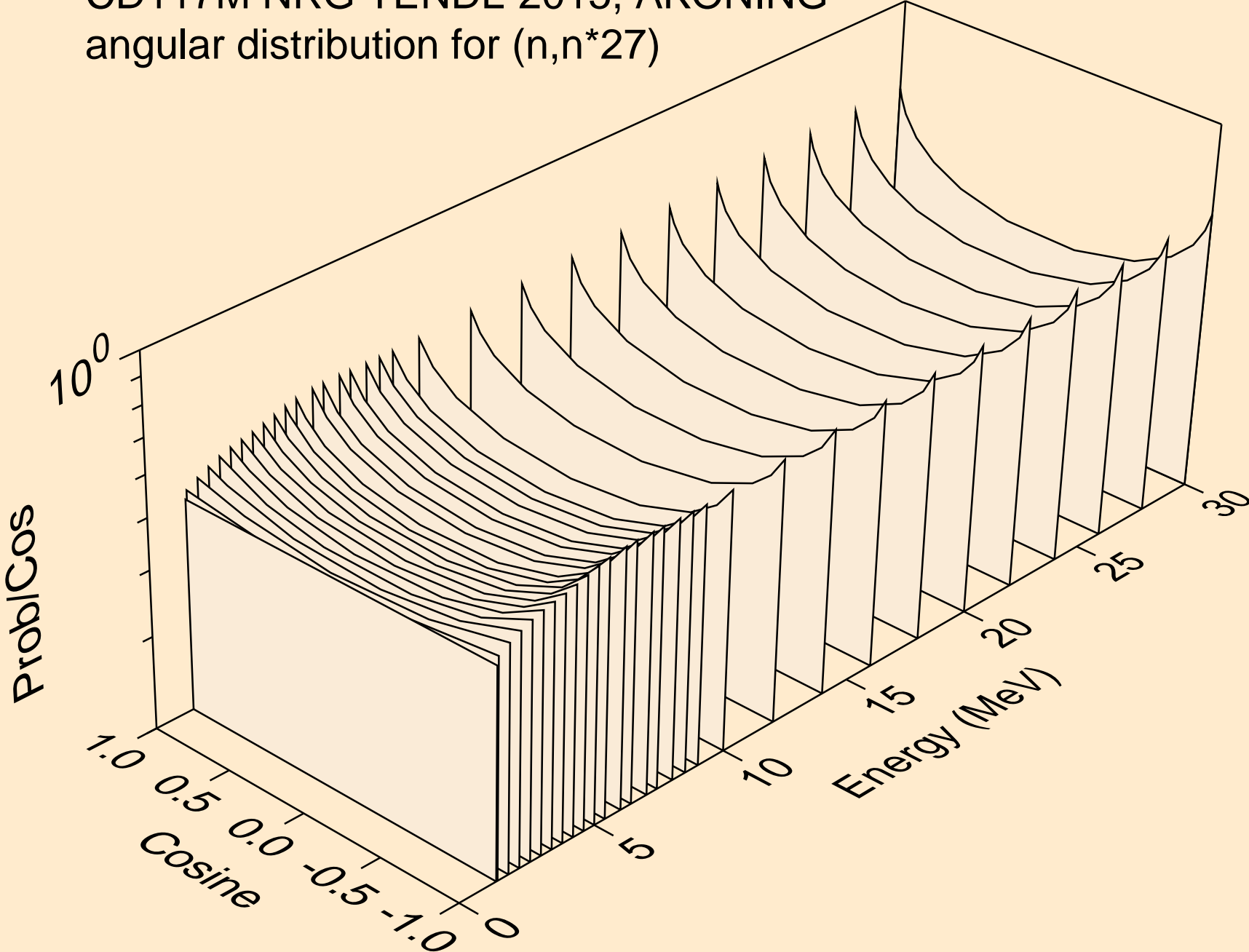
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angular distribution for (n,n\*25)



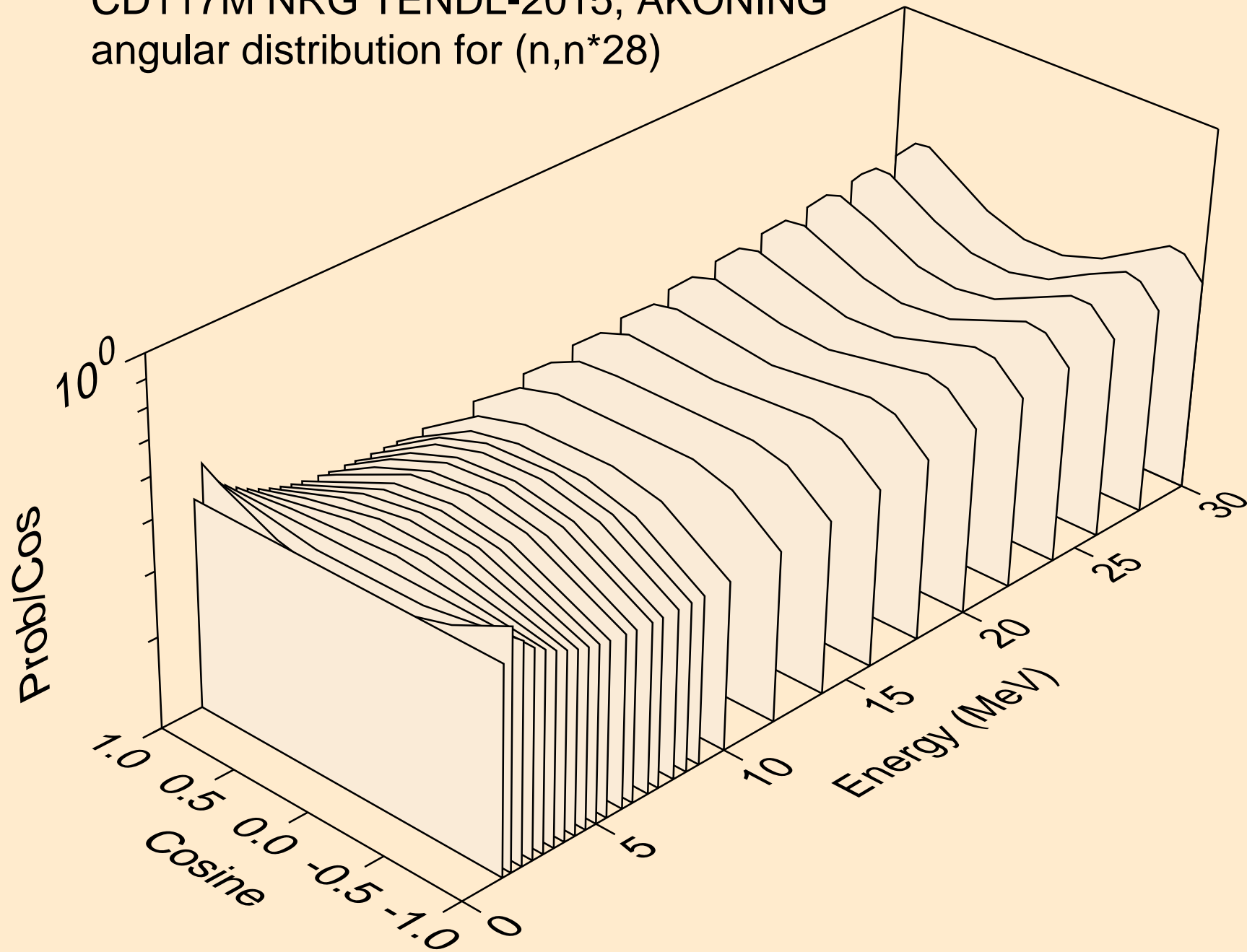
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angular distribution for (n,n\*26)



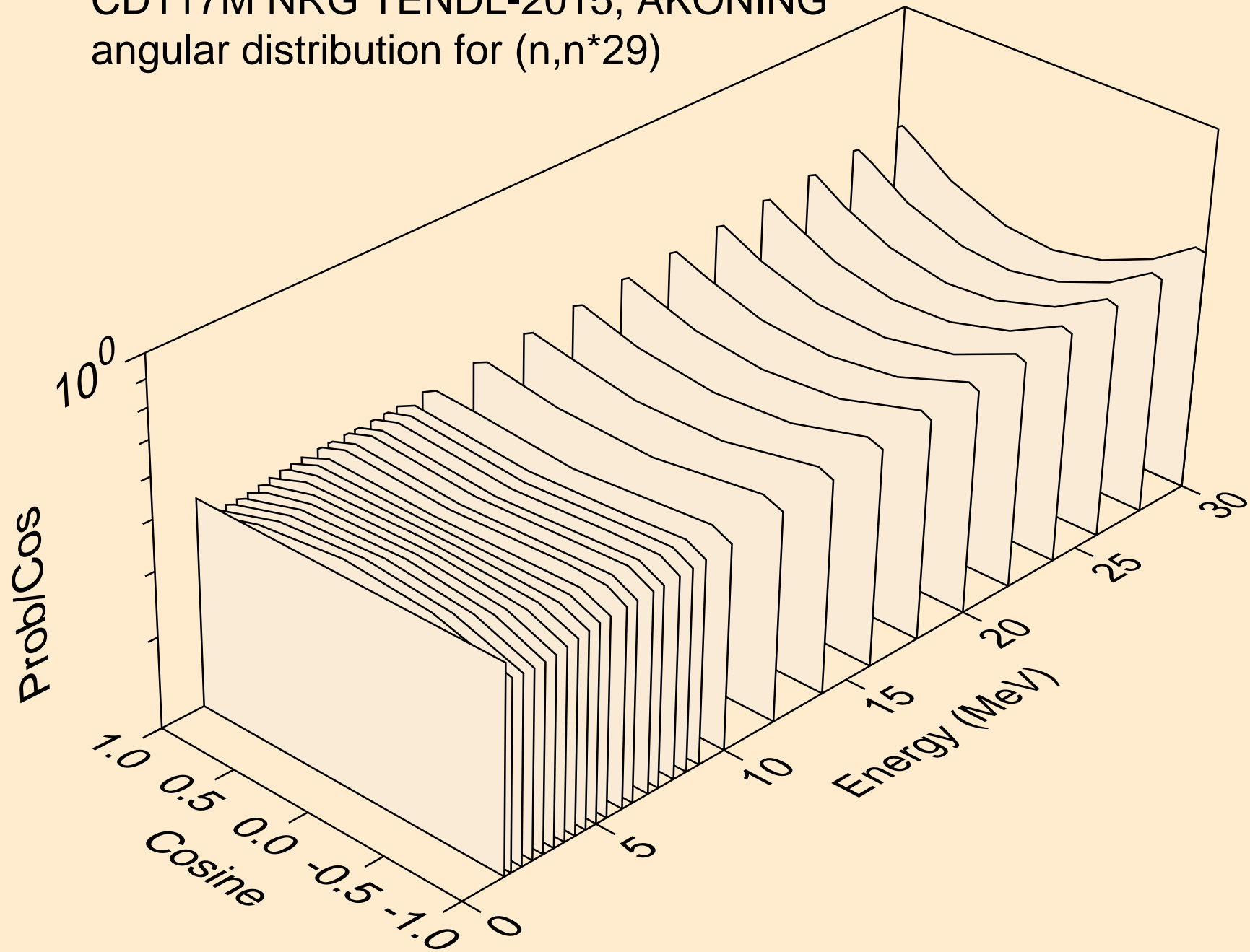
CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



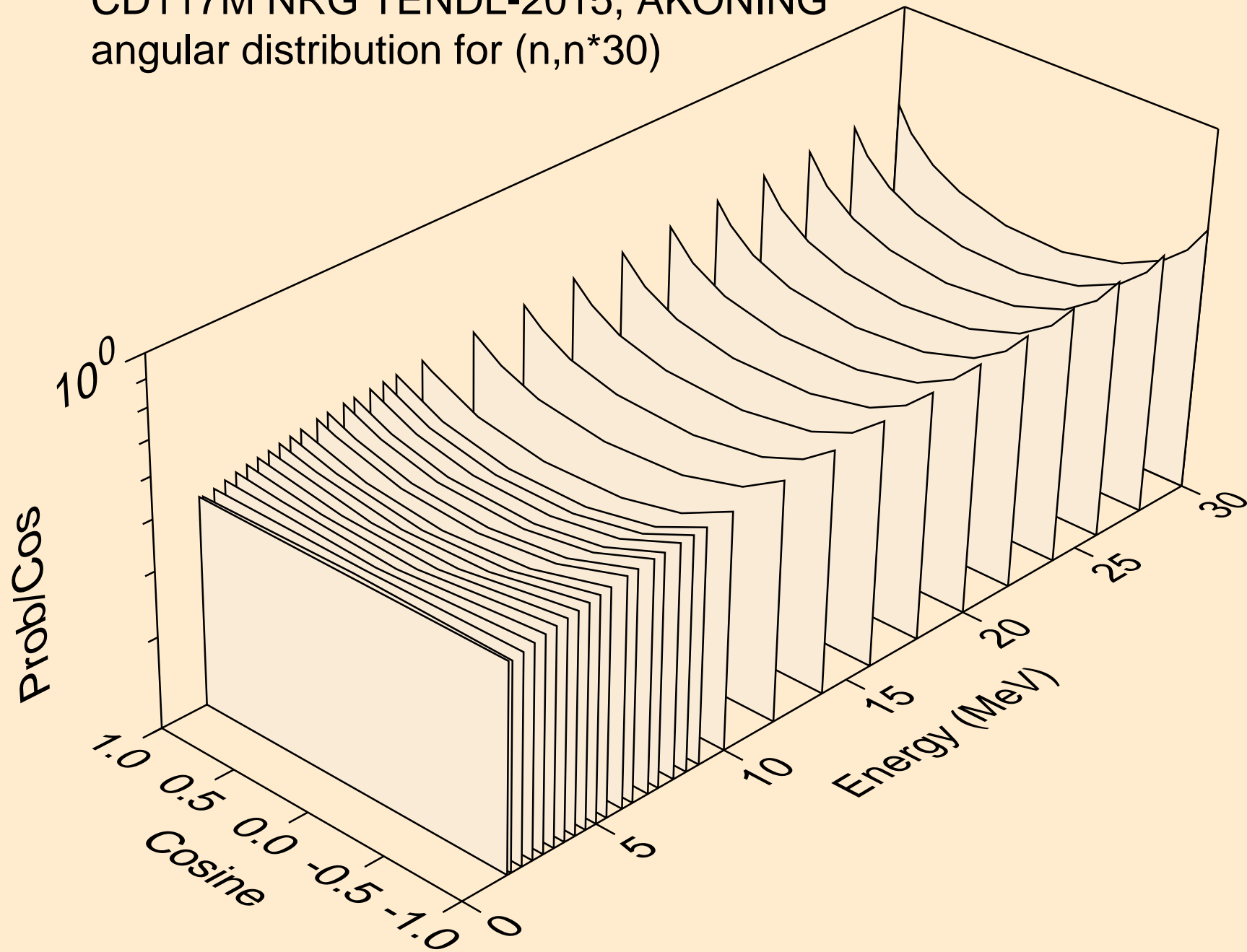
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angular distribution for (n,n\*28)



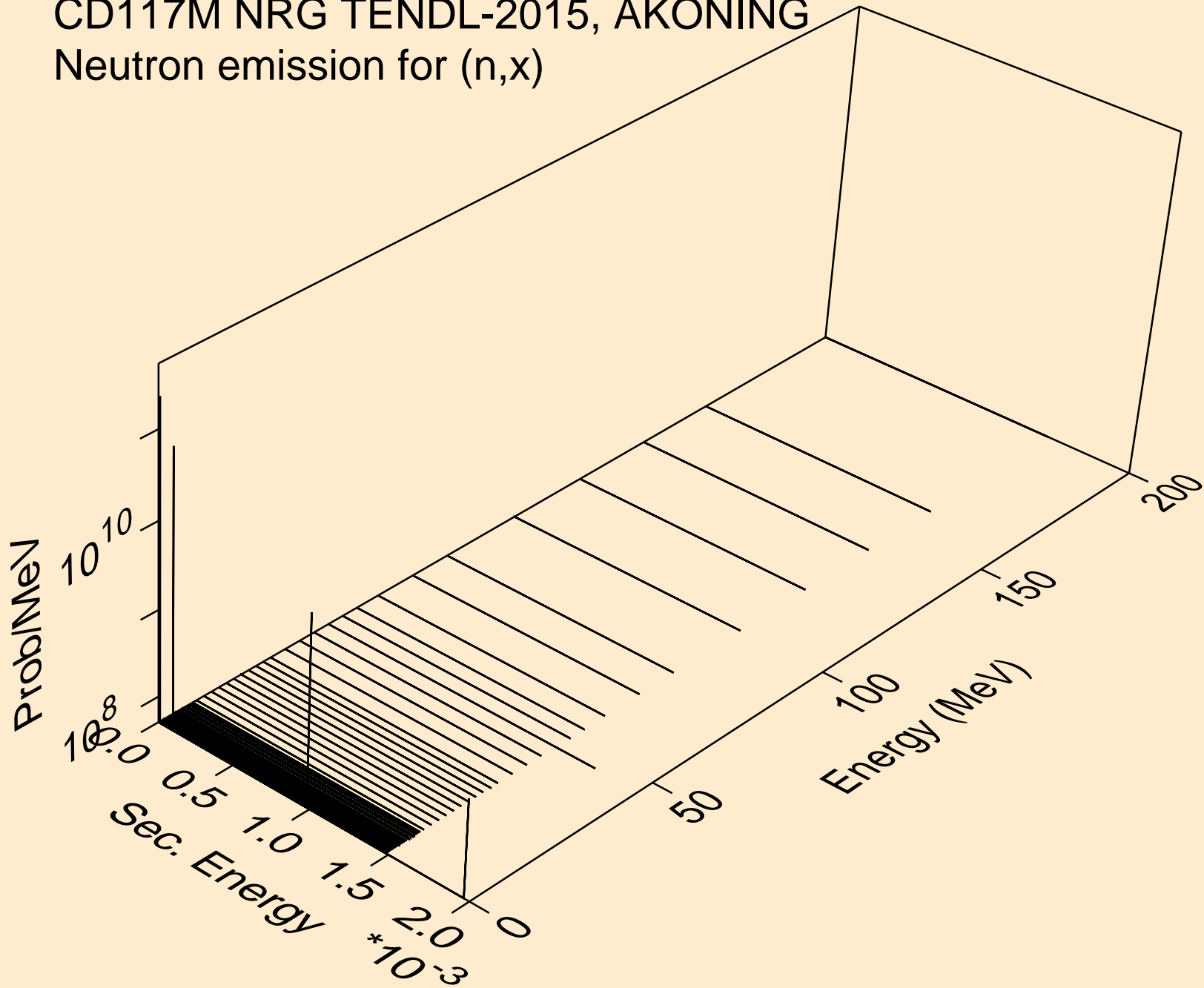
CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



CD117M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

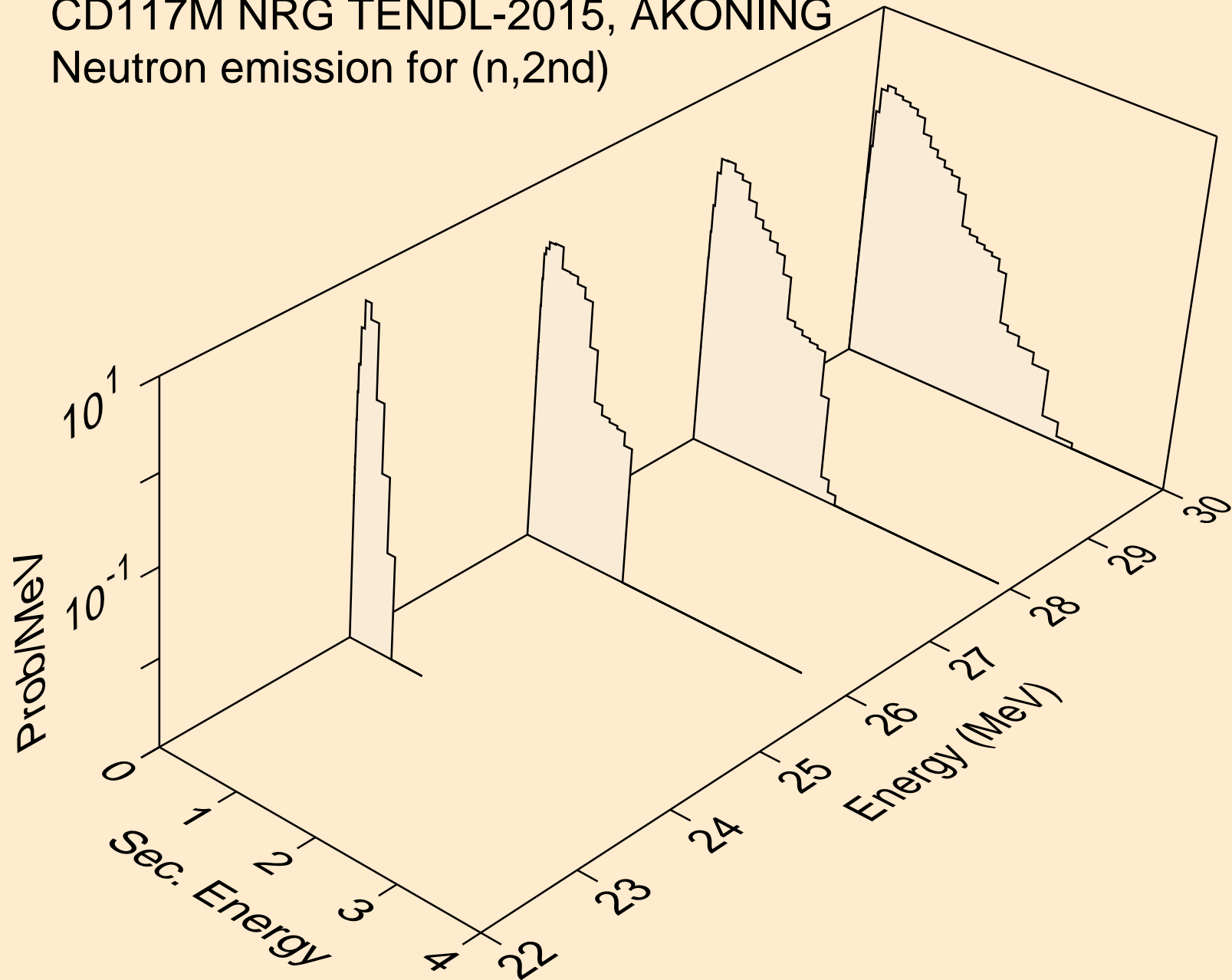


CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

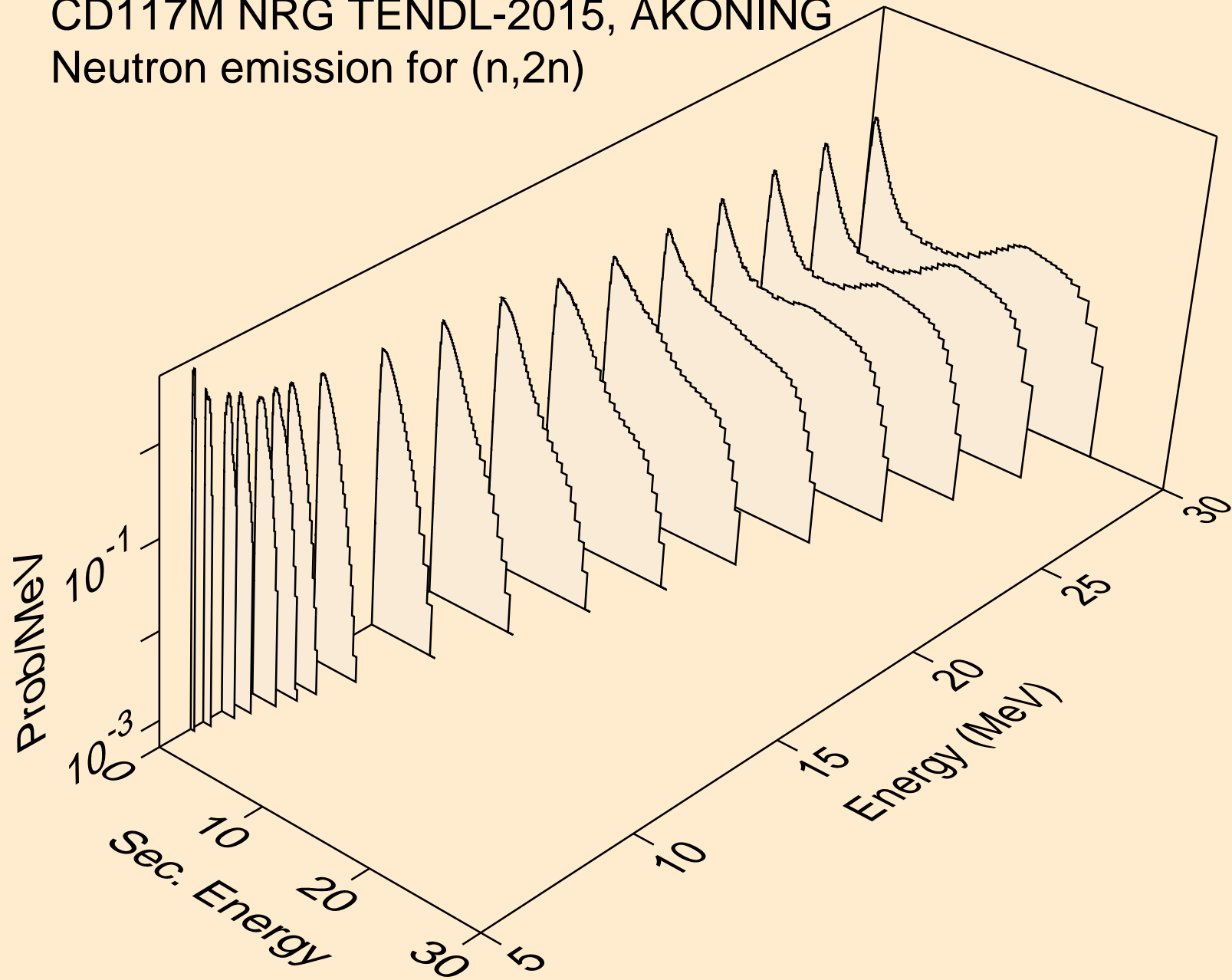




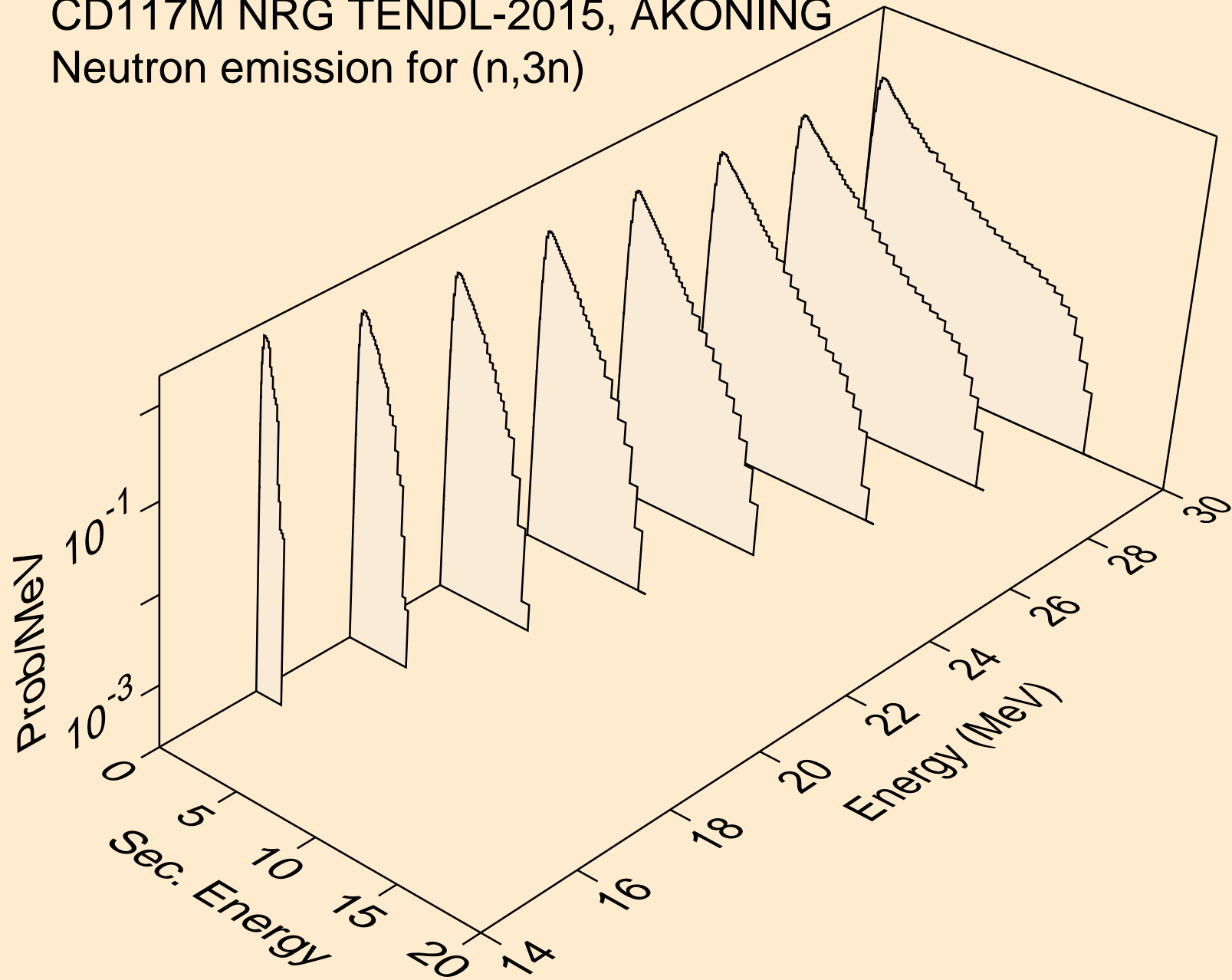
CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



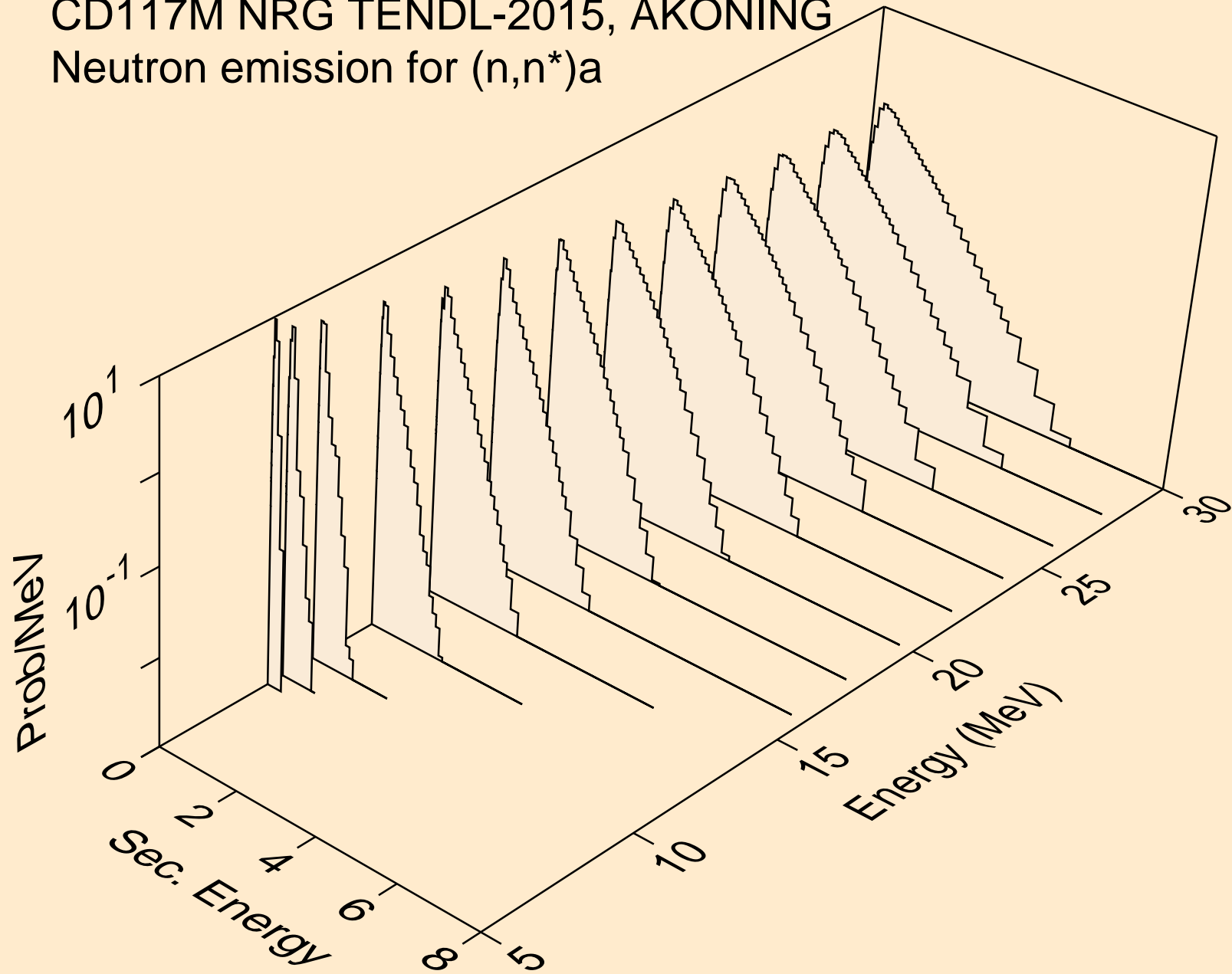
CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



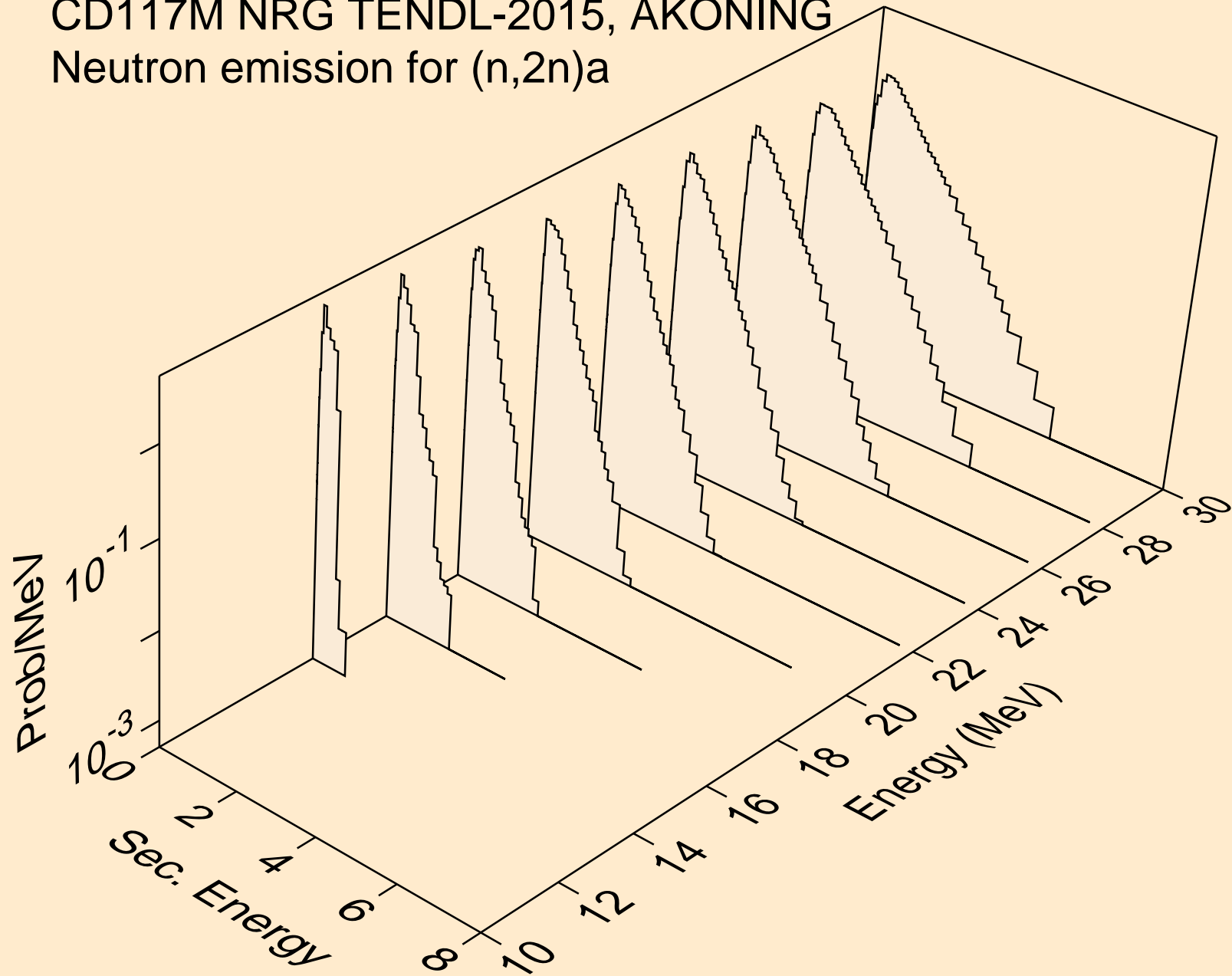
CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



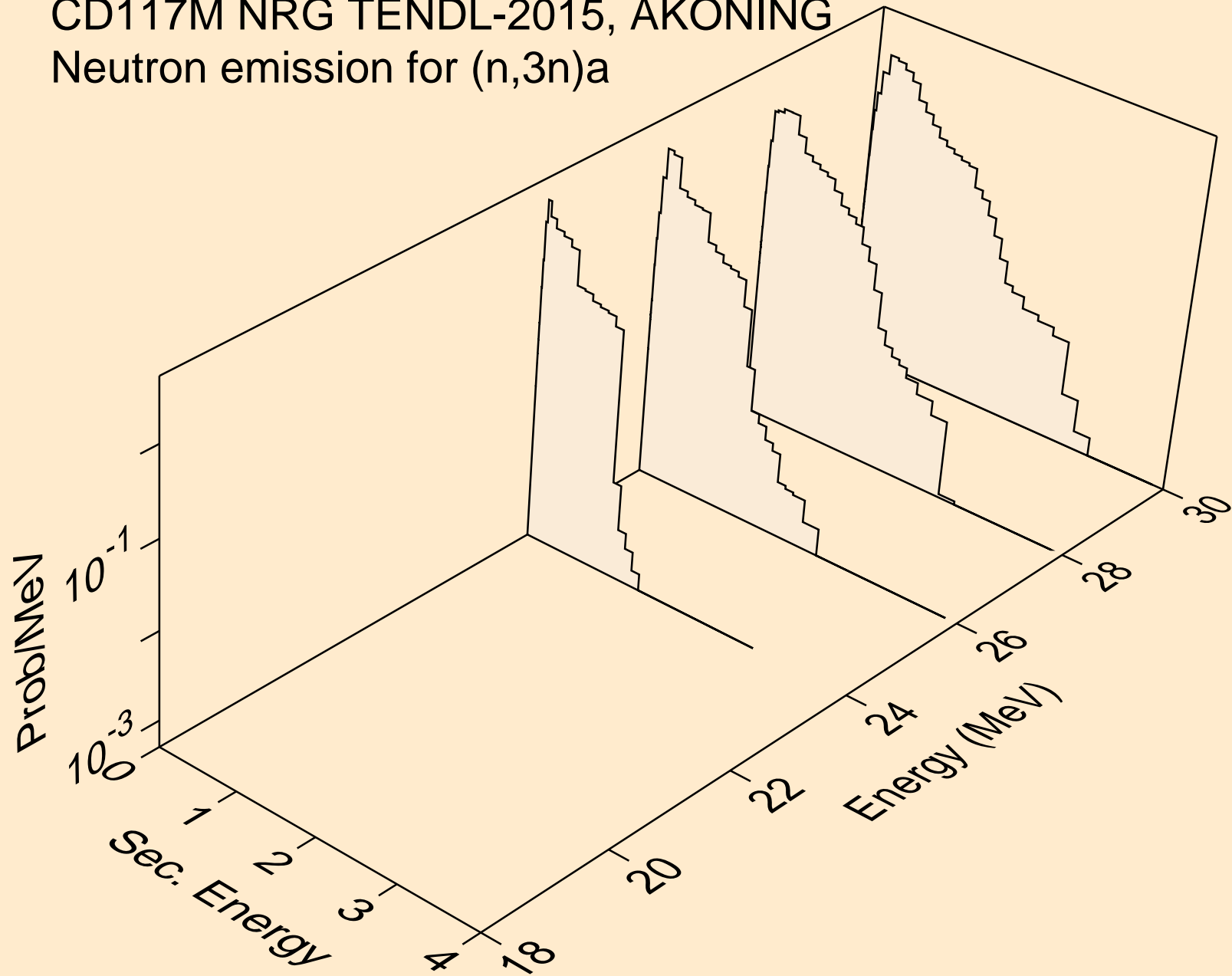
CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



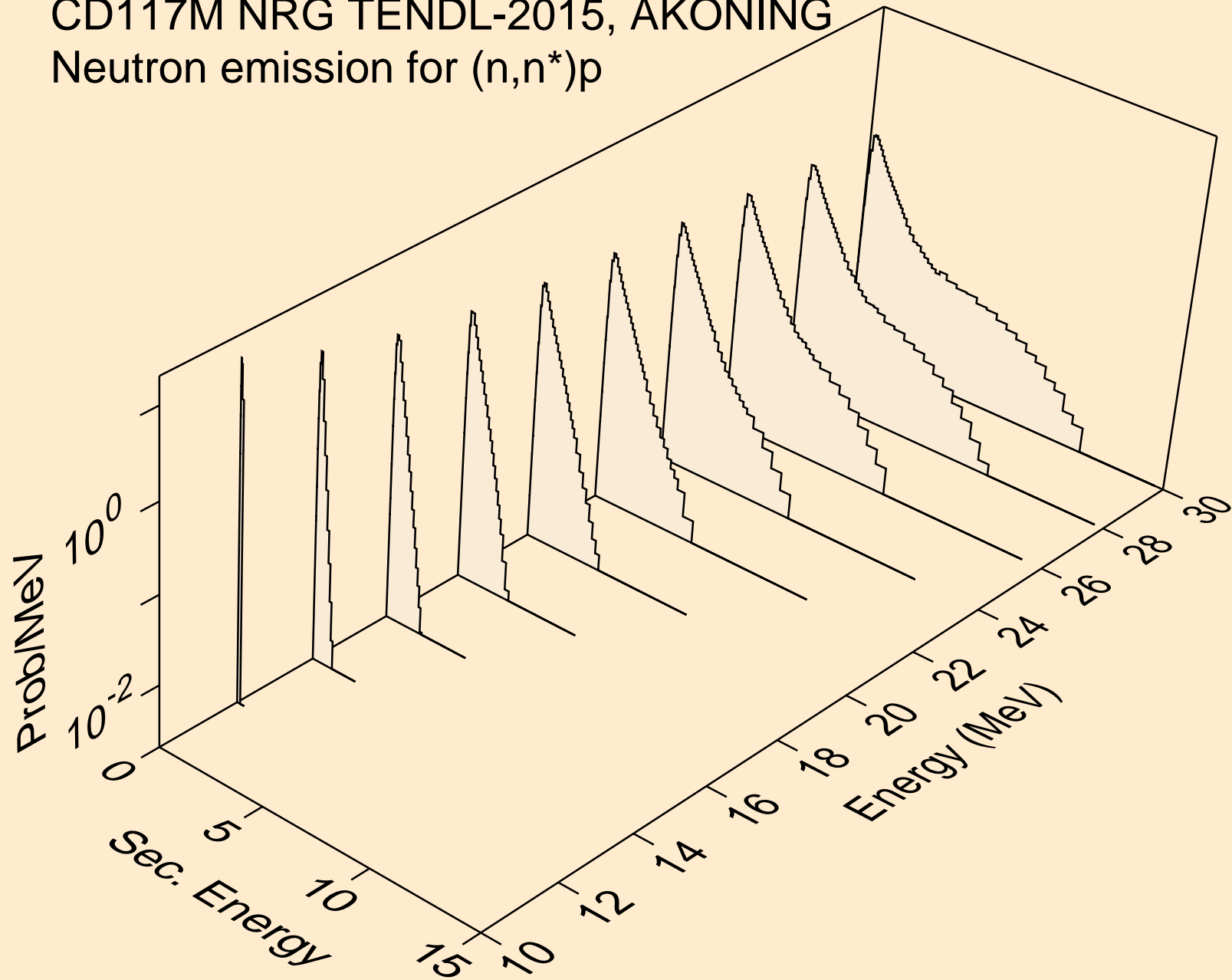
CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



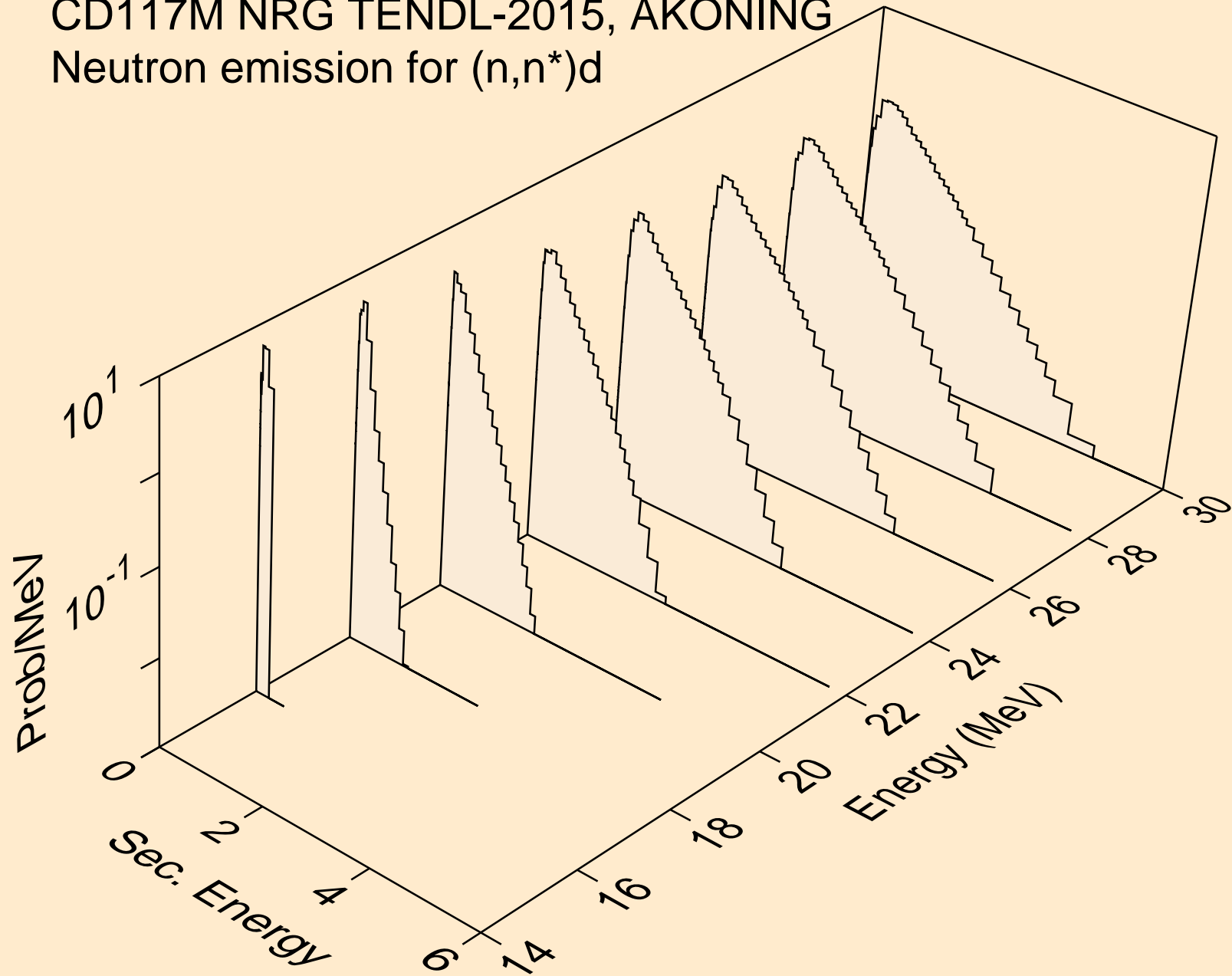
CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

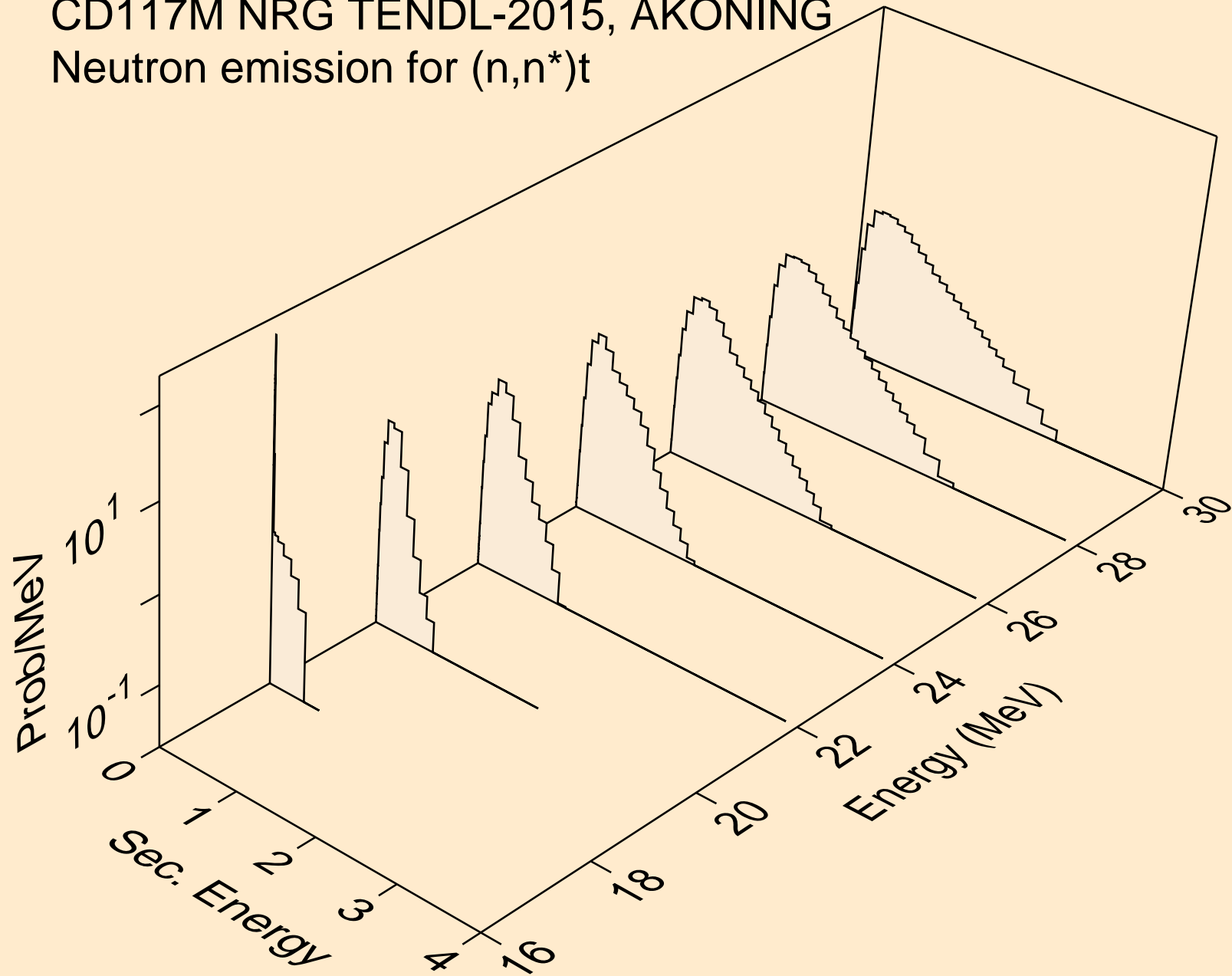


CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

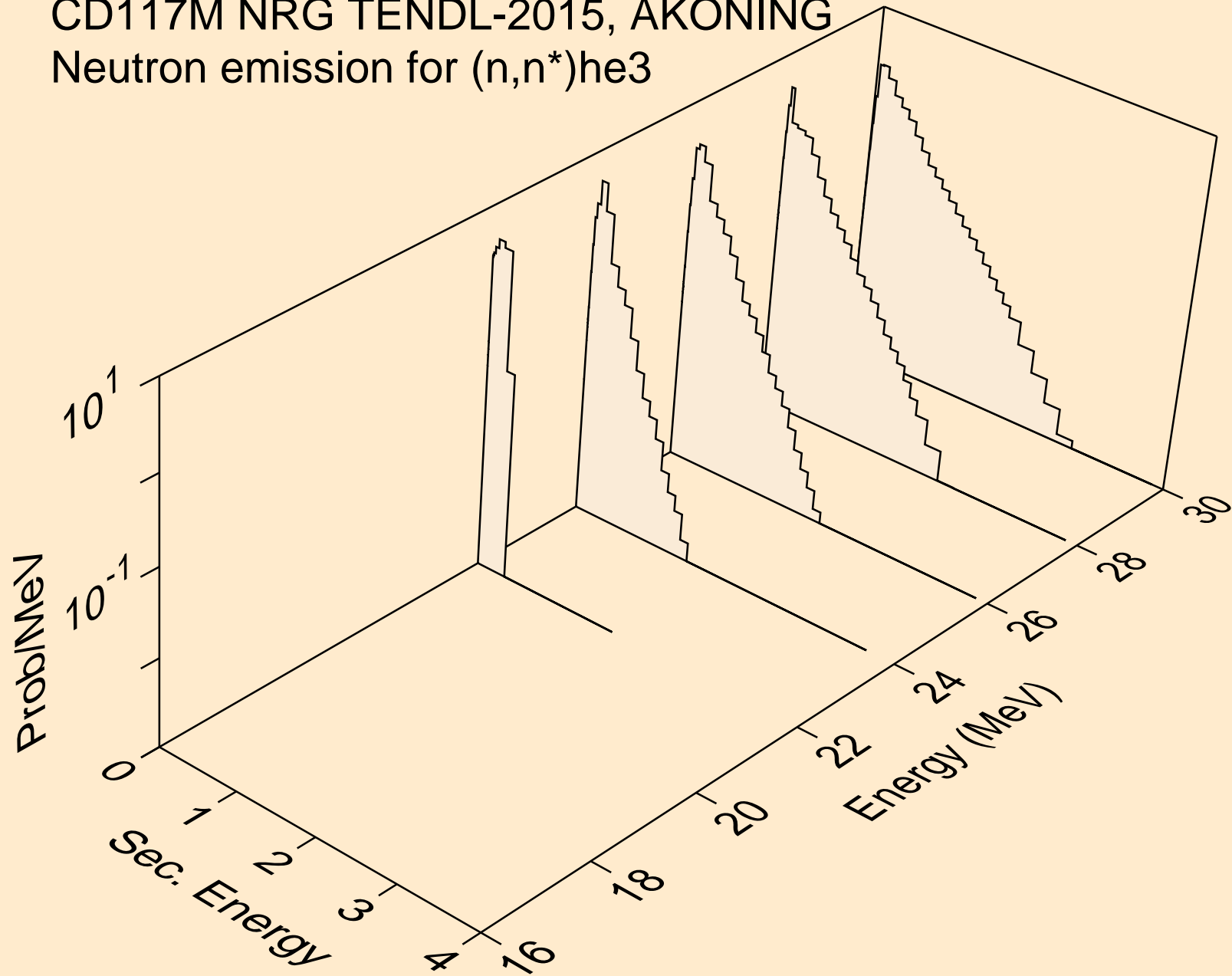




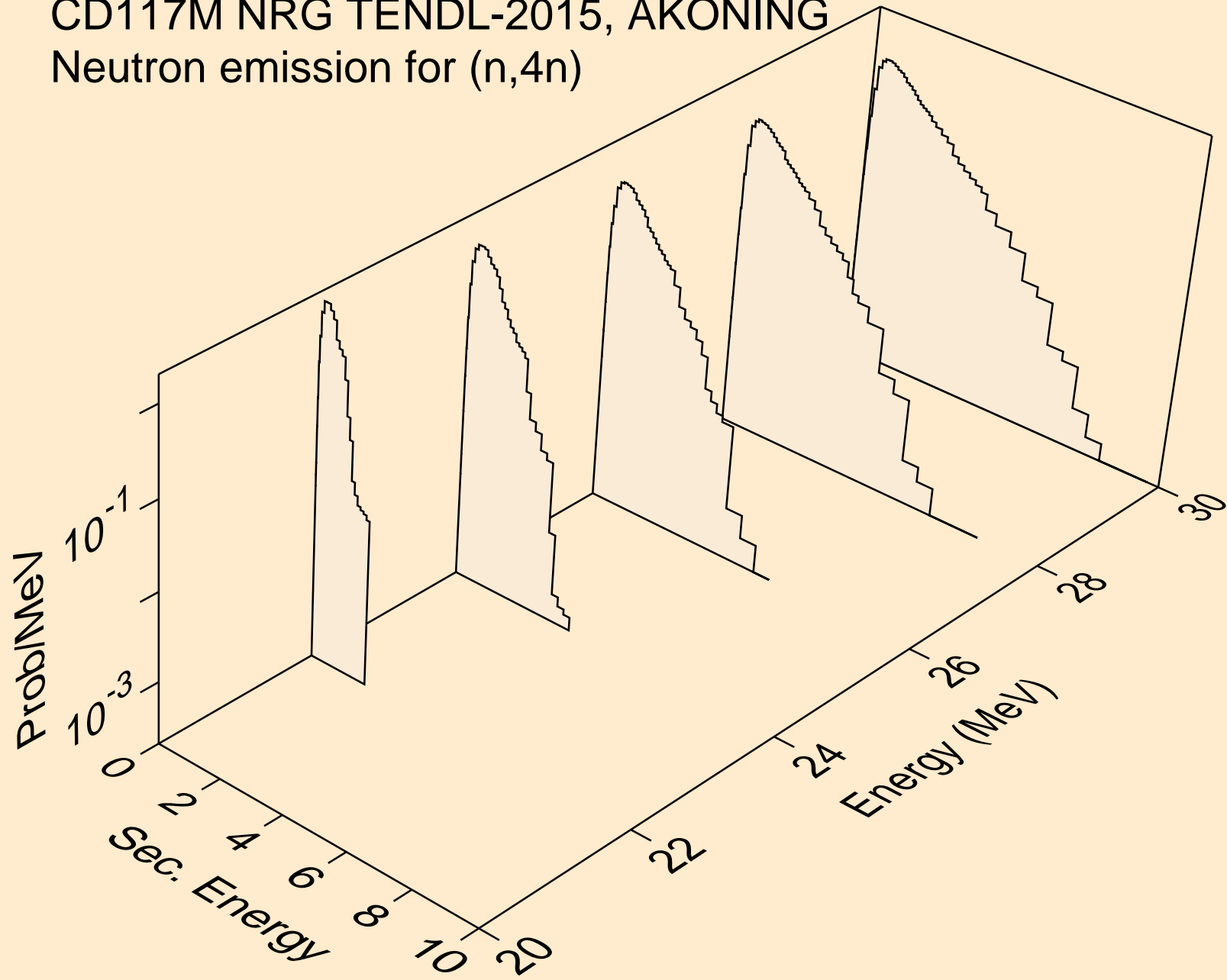
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Neutron emission for (n,n\*)t



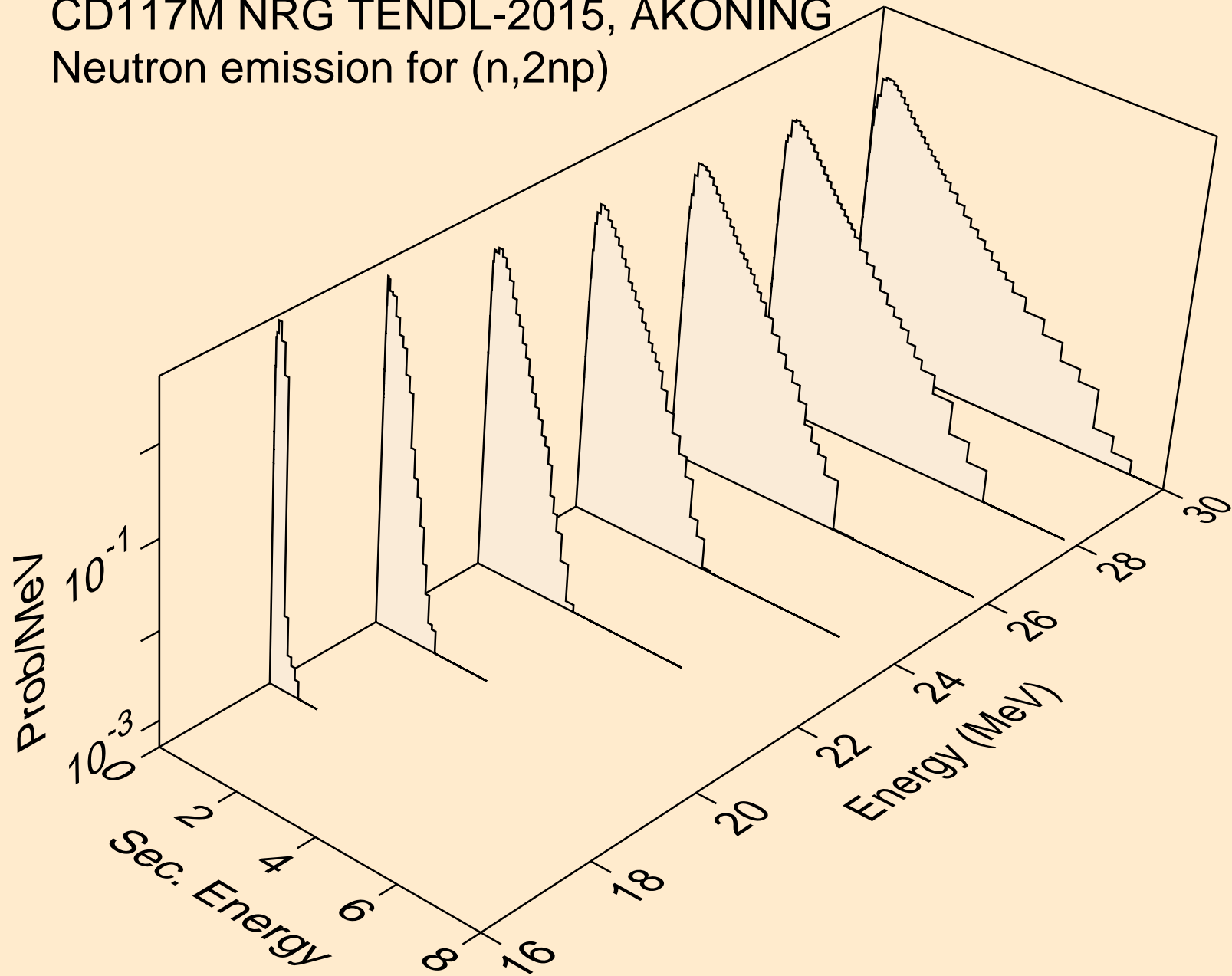
CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



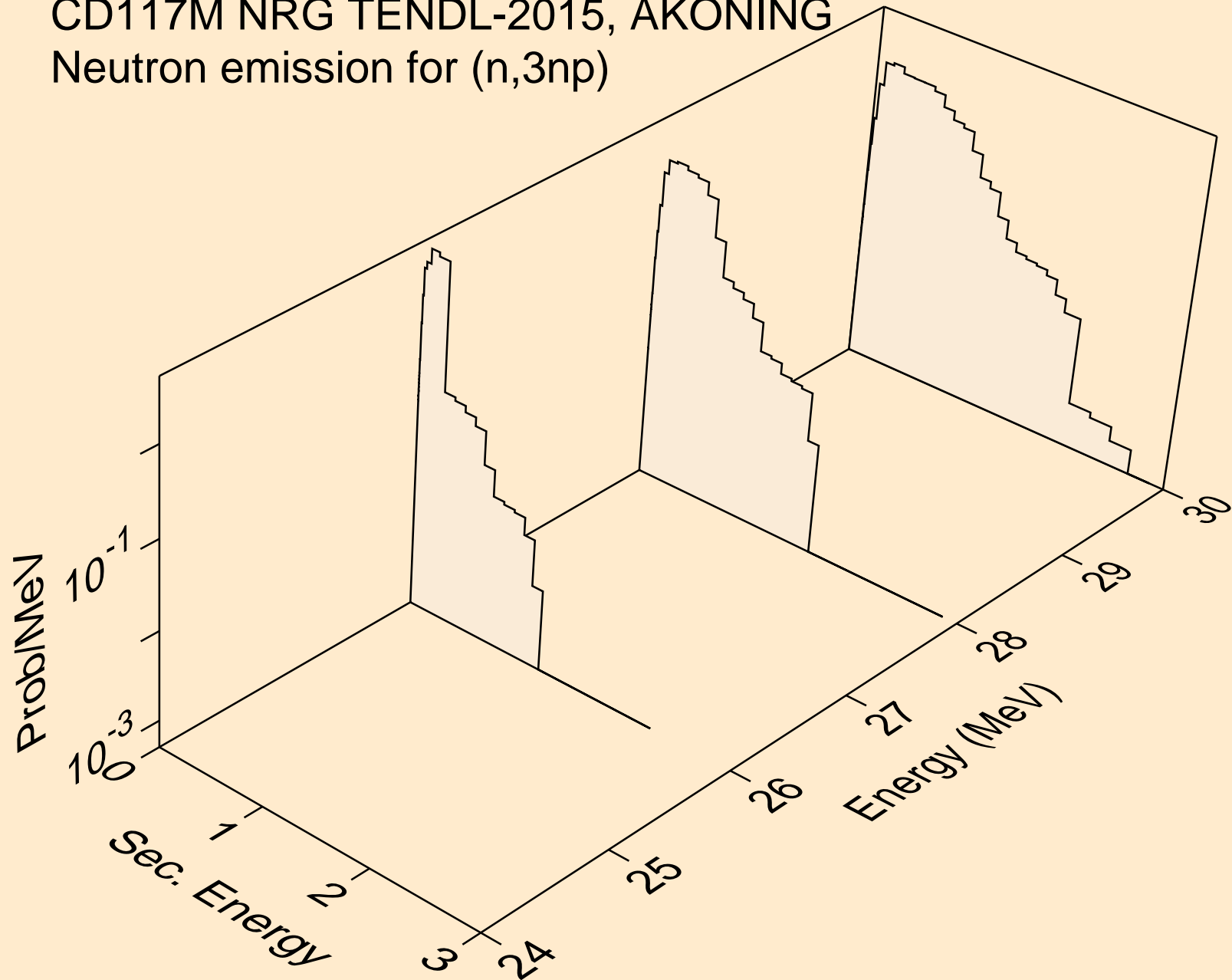
CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



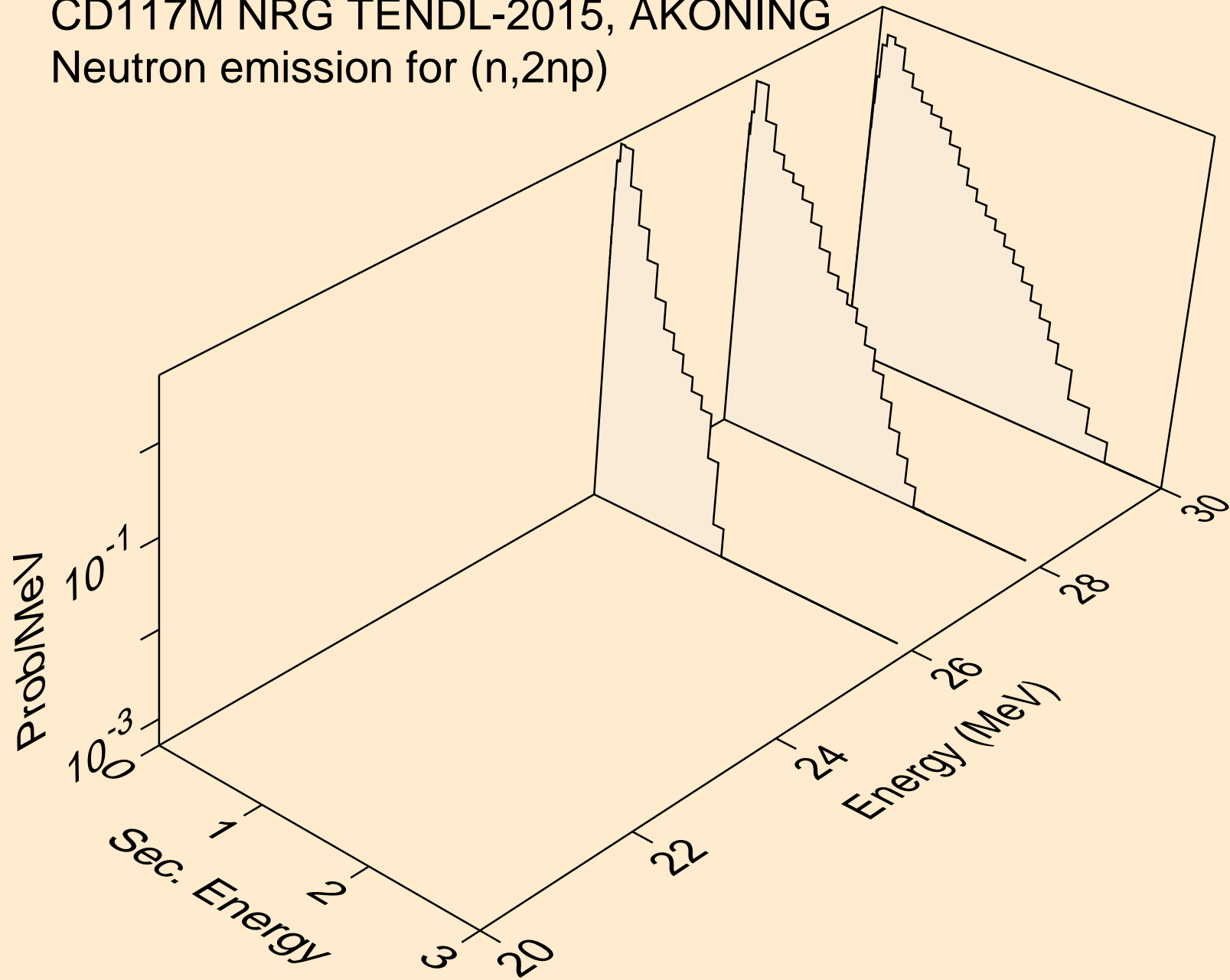
CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



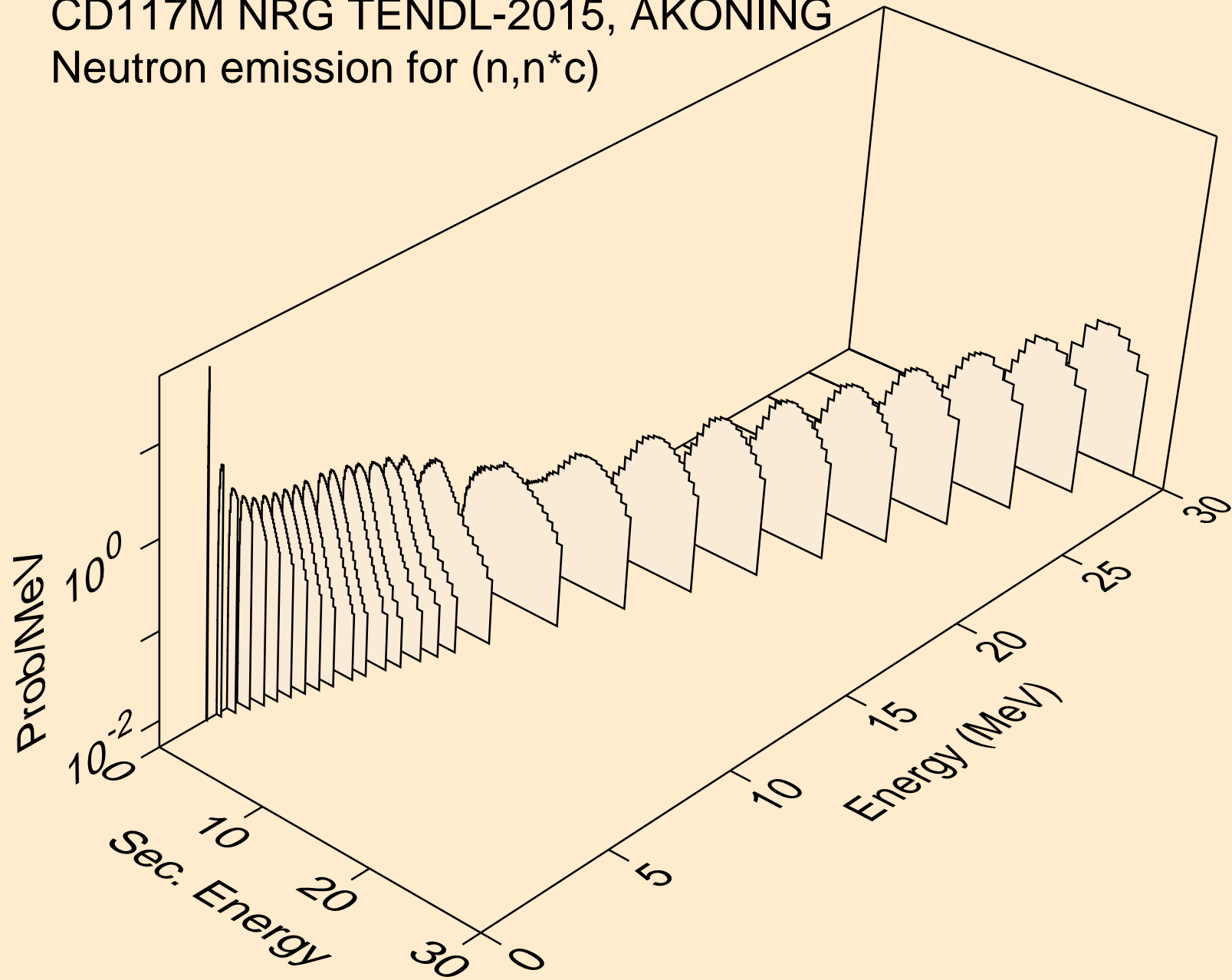
CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



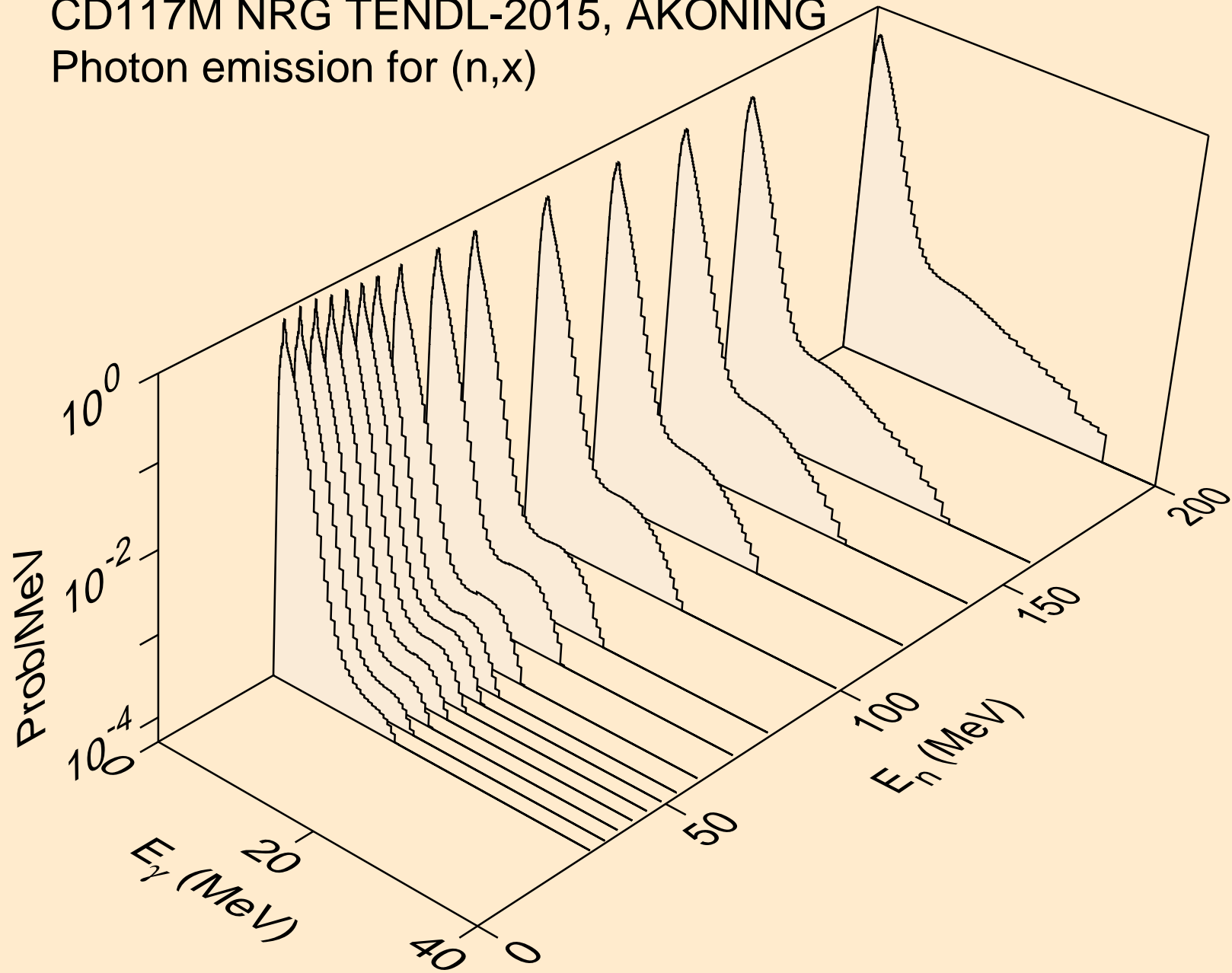
CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



CD117M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

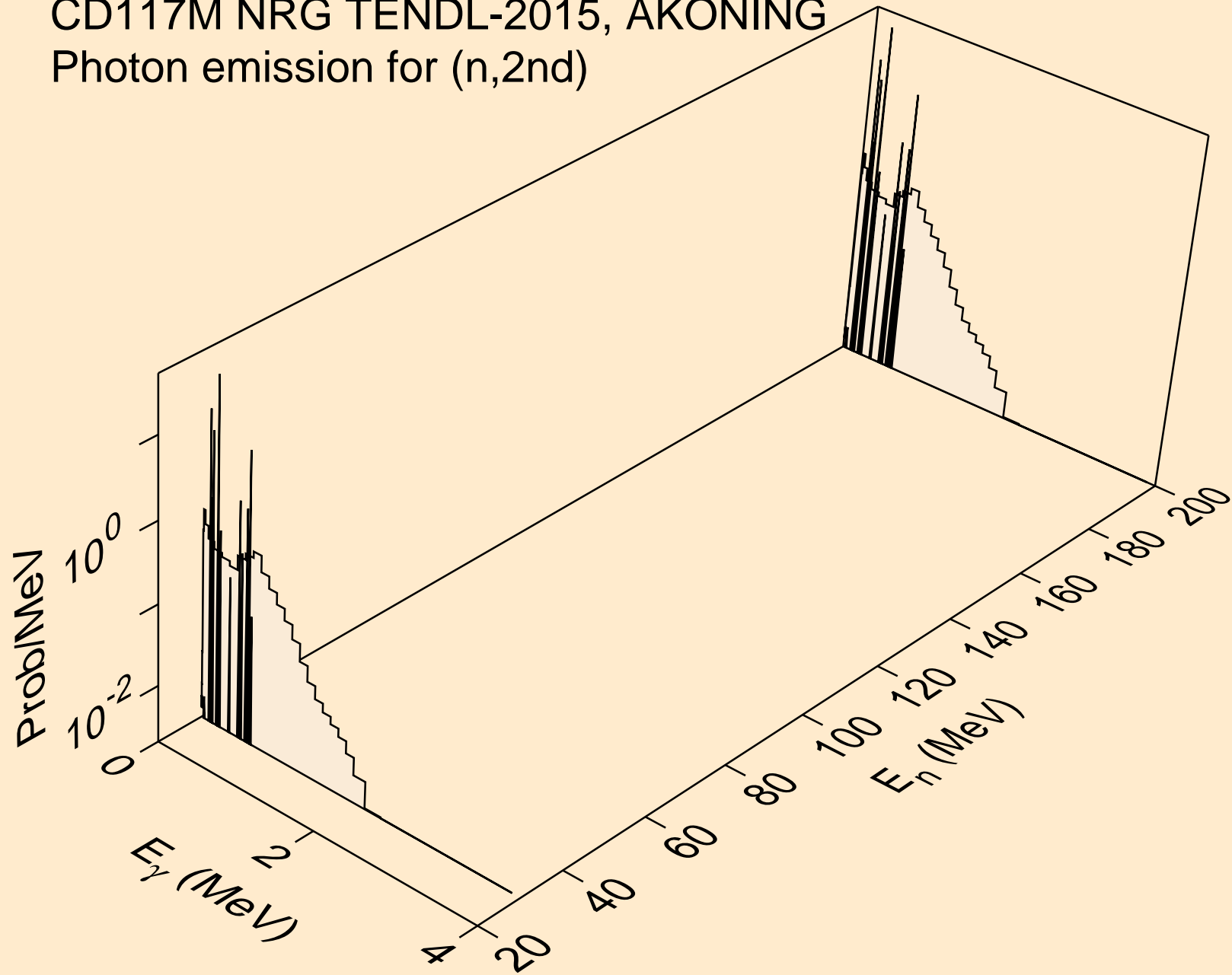


CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,x)

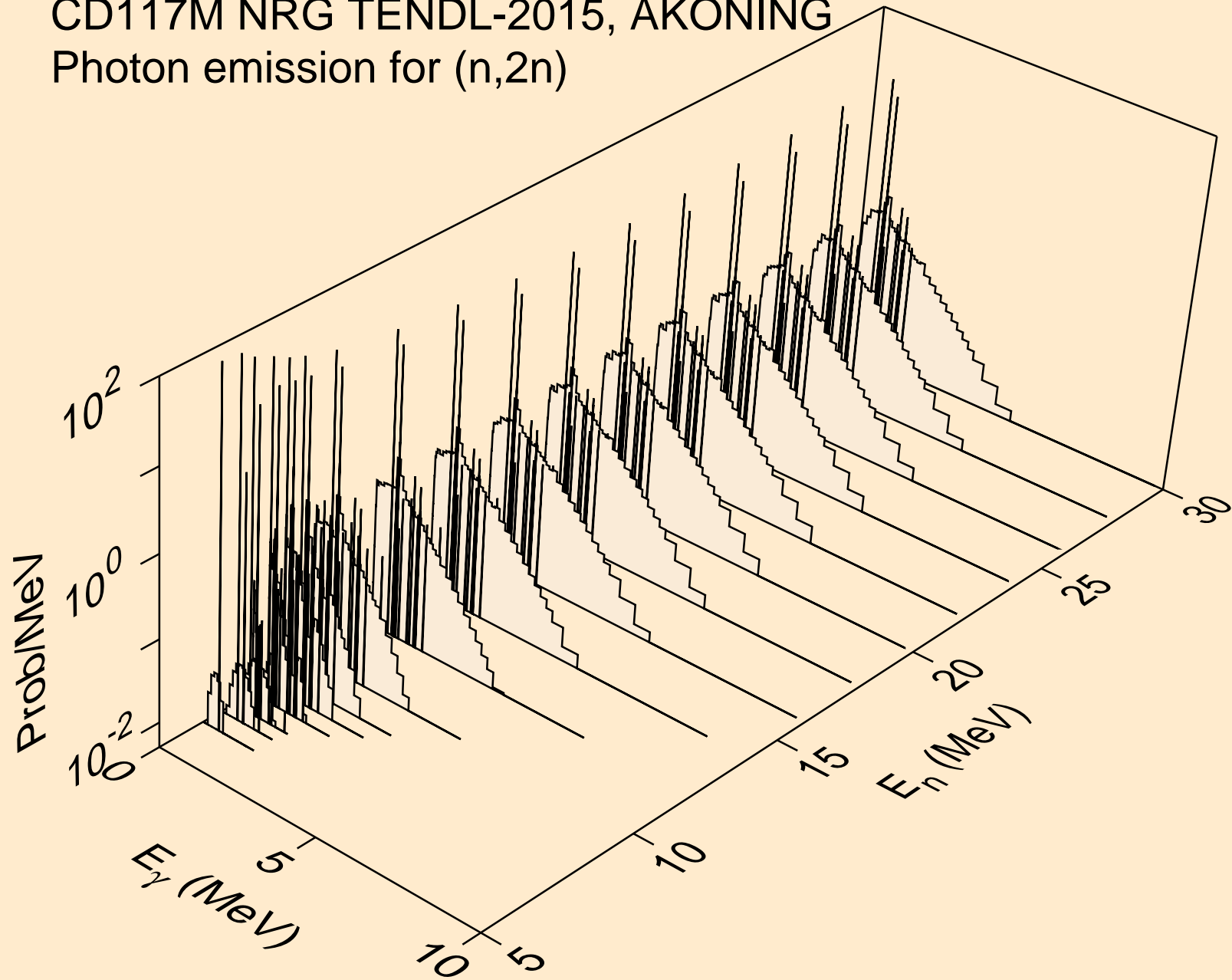




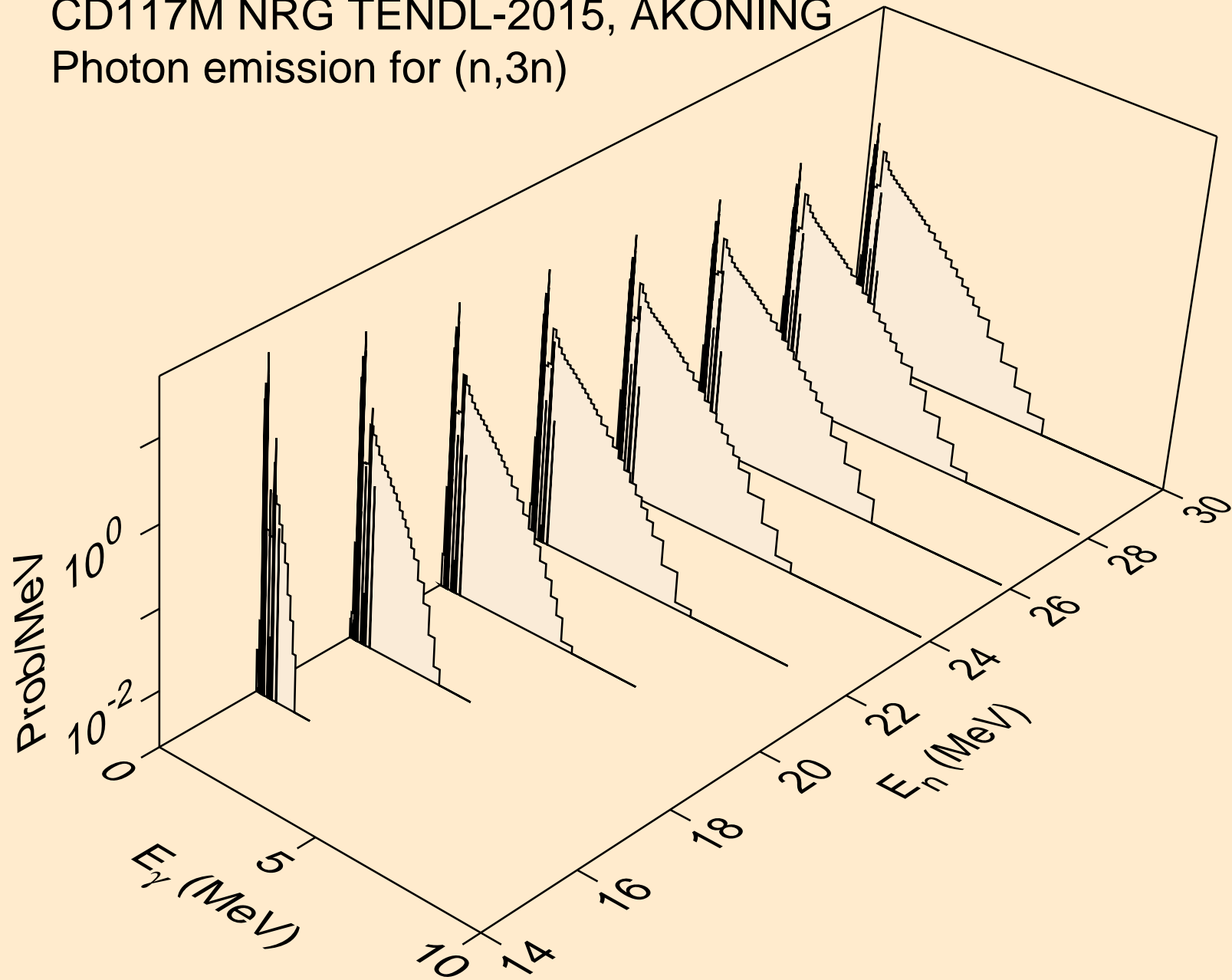
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



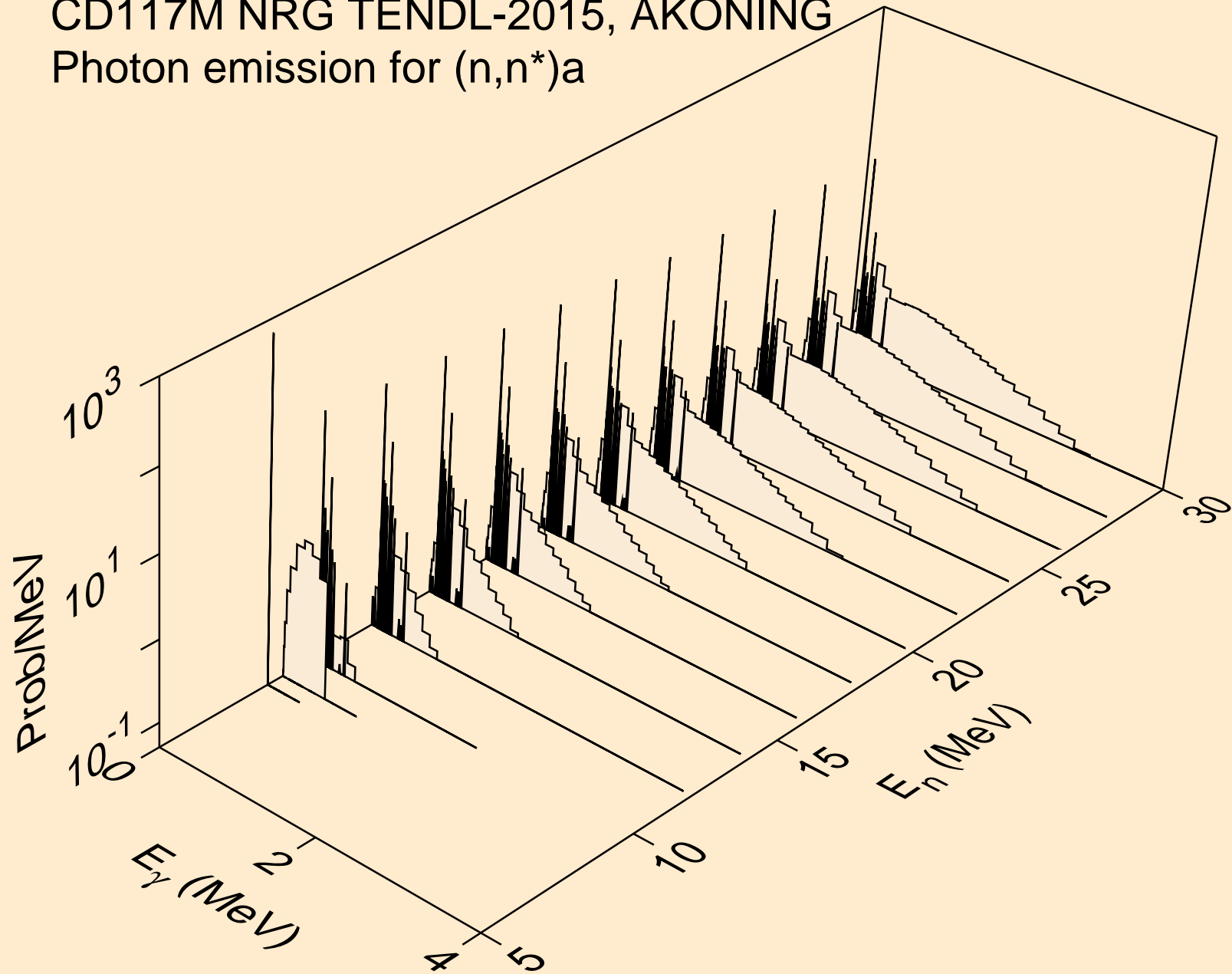
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



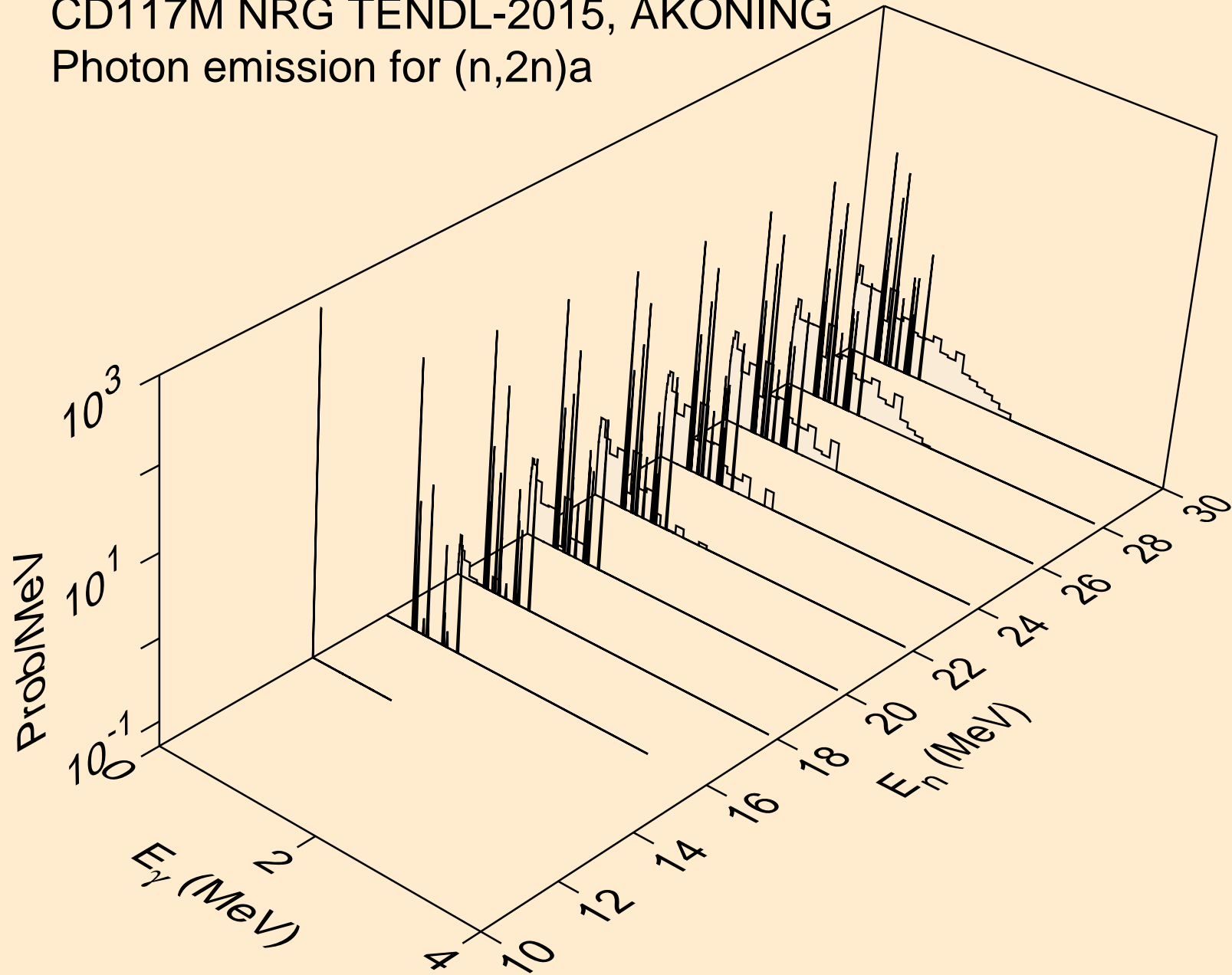
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



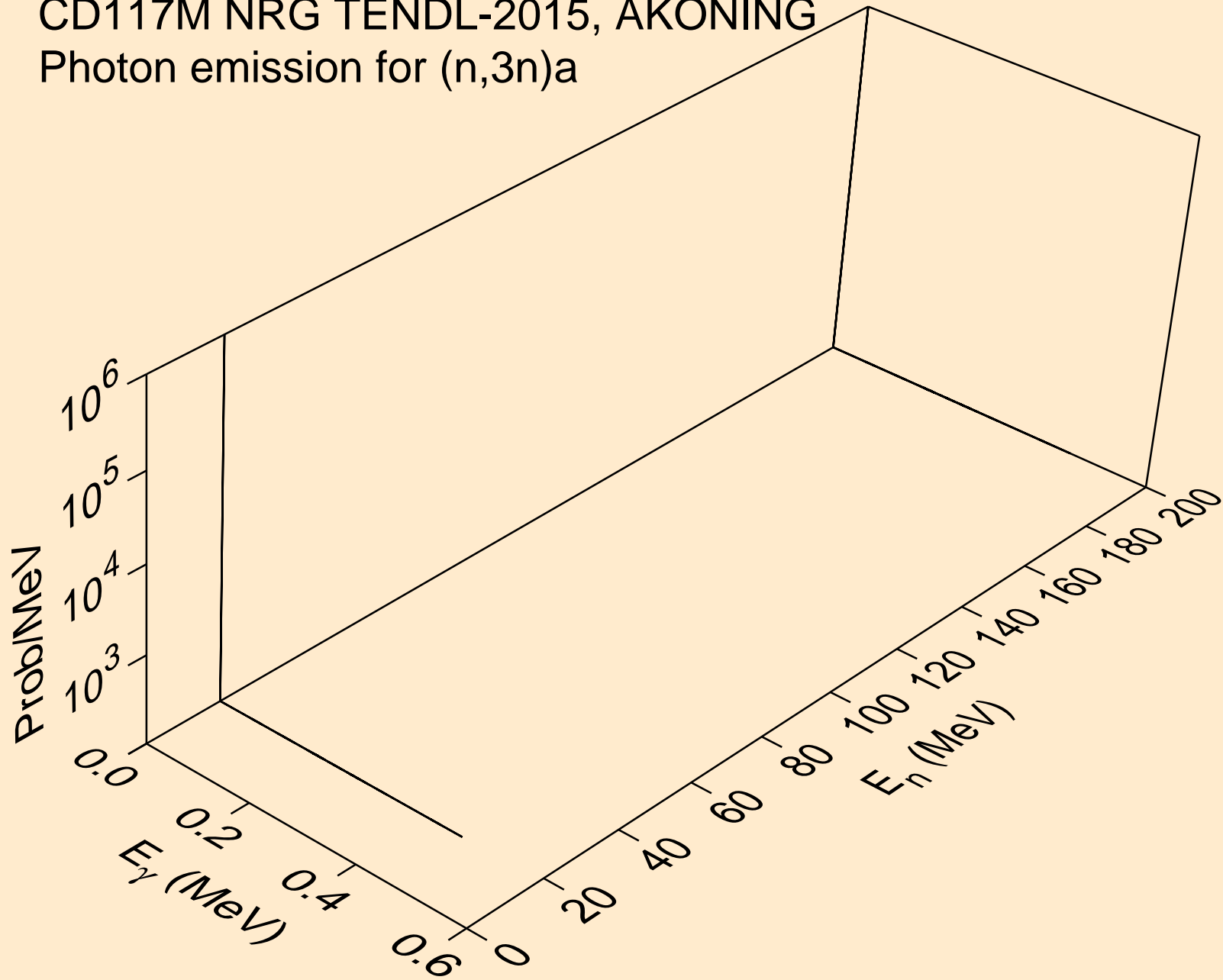
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



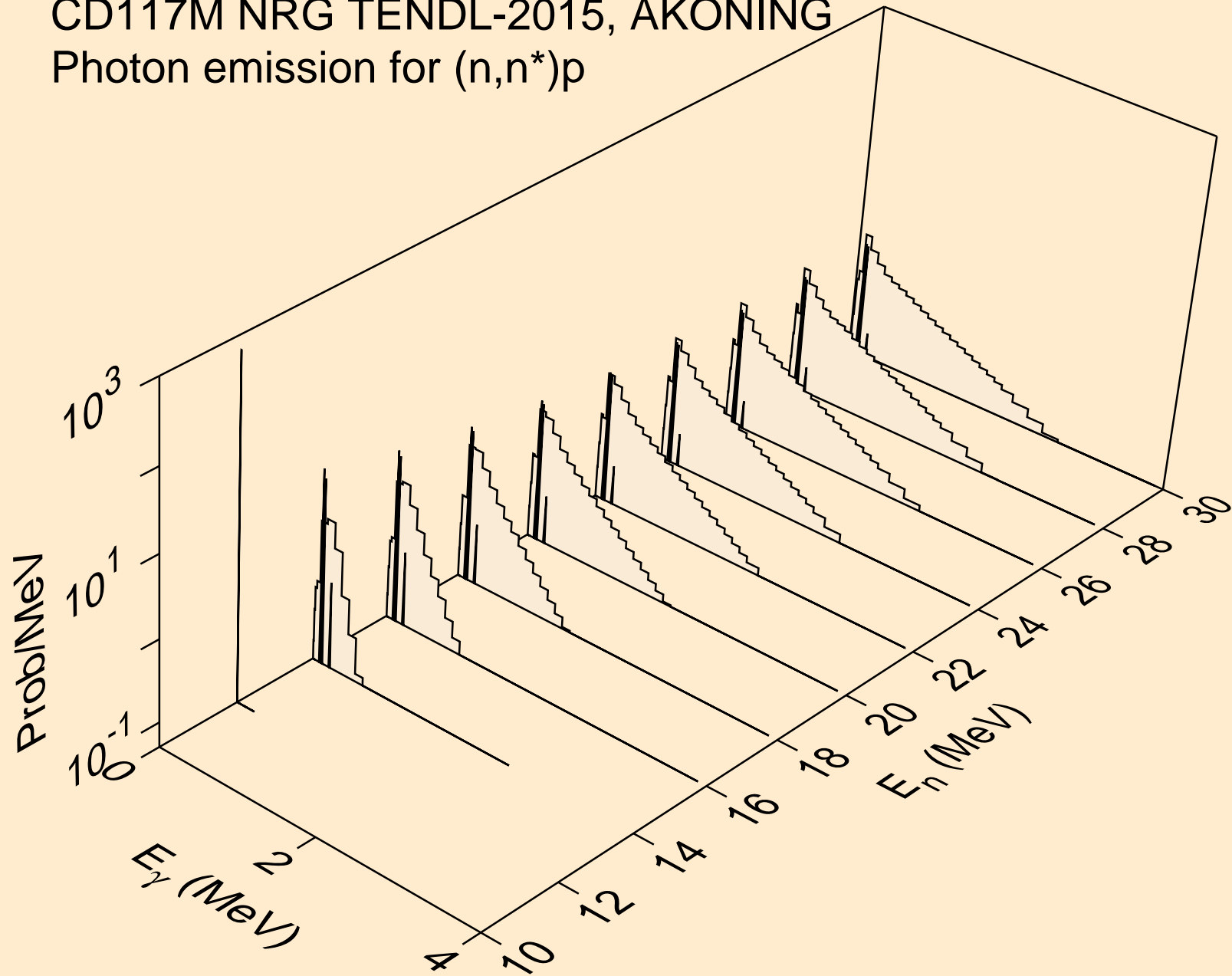
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



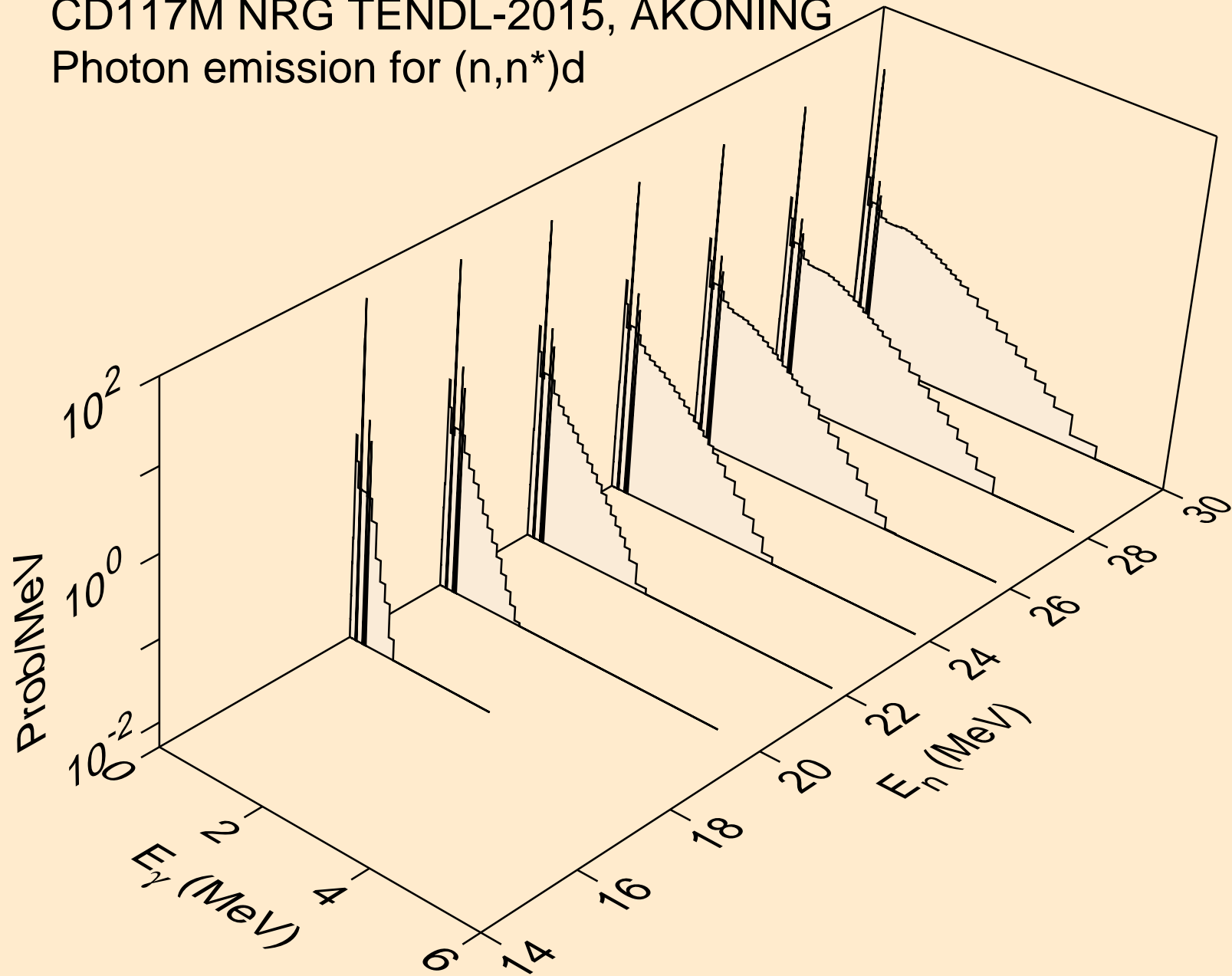
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

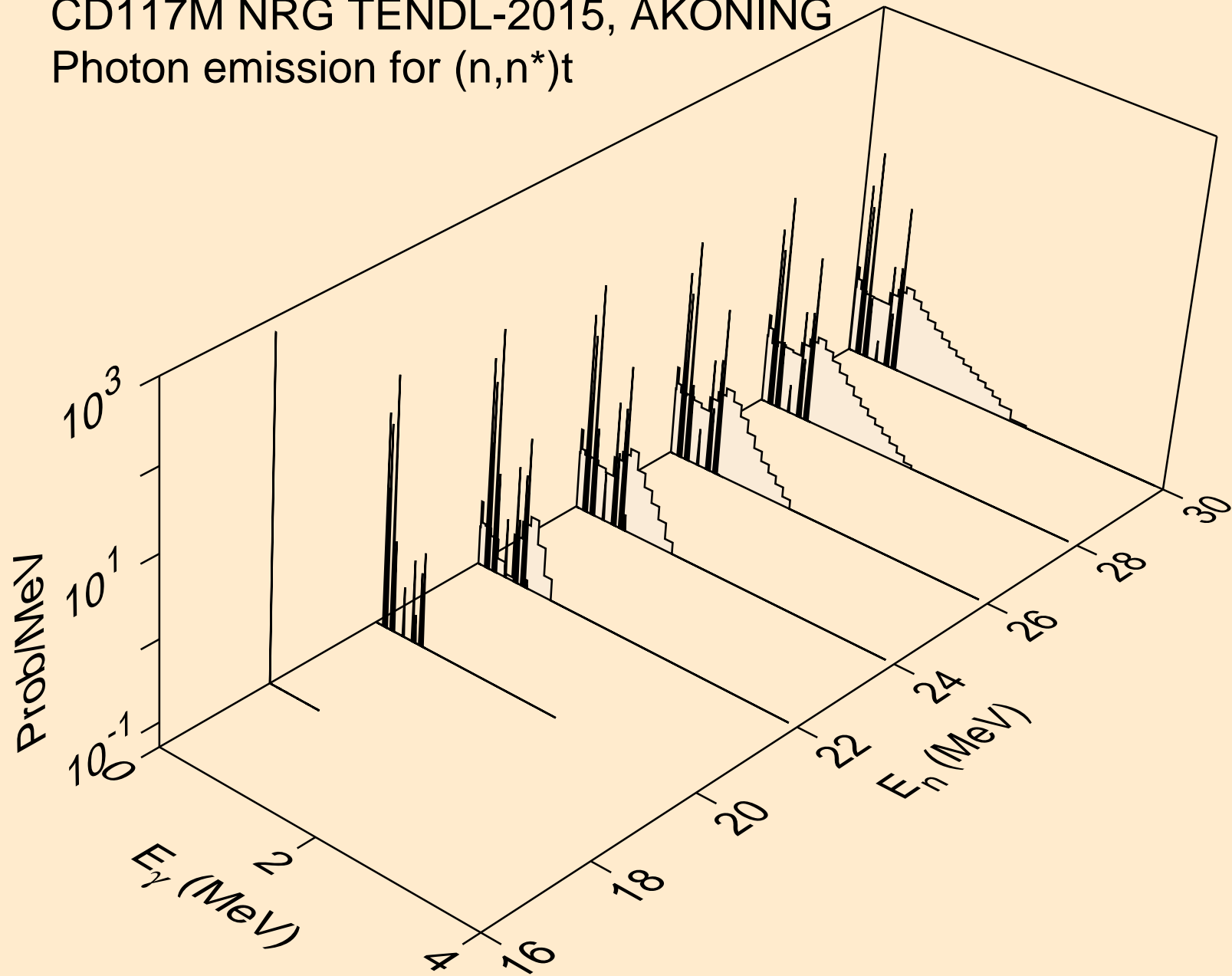


CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

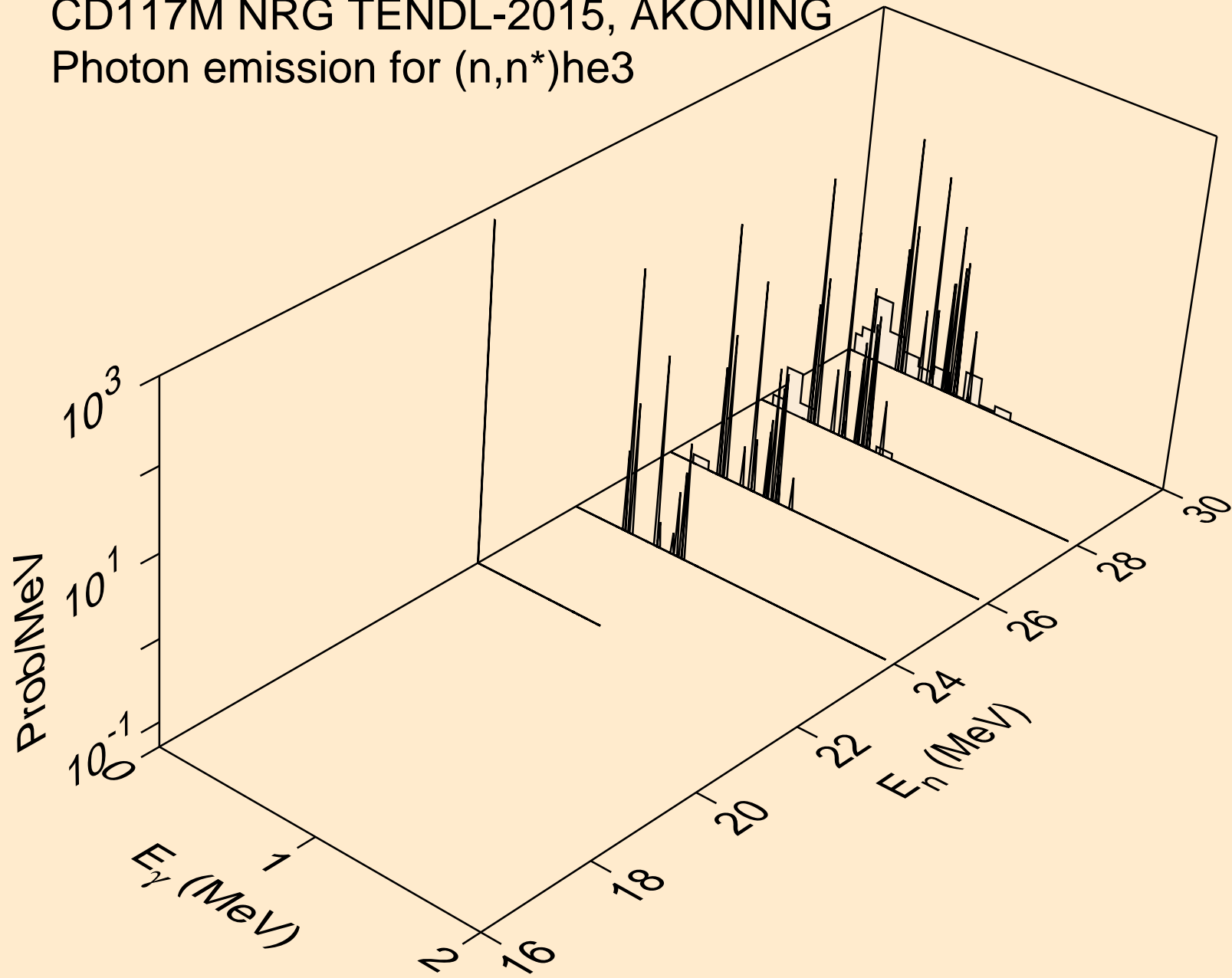




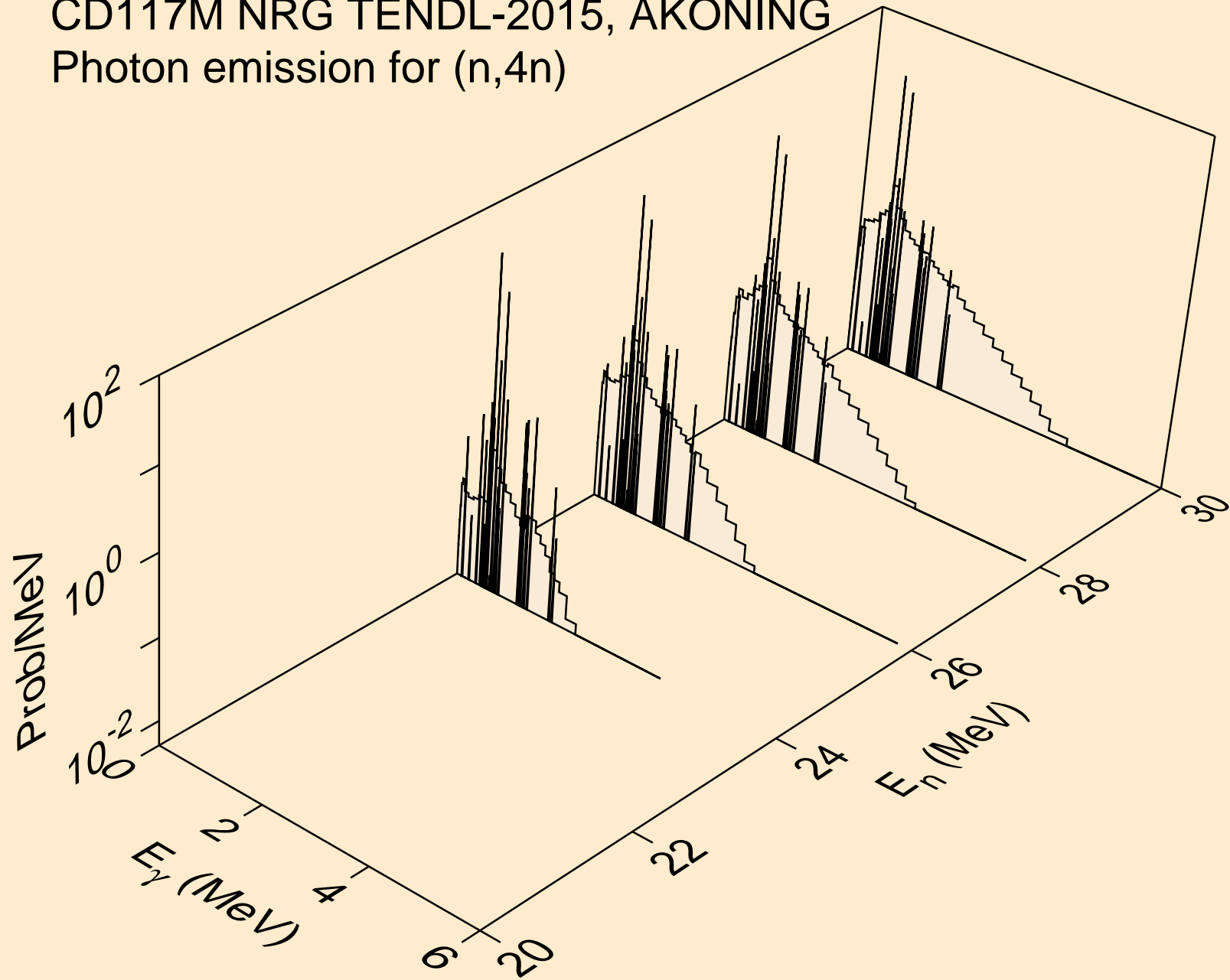
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



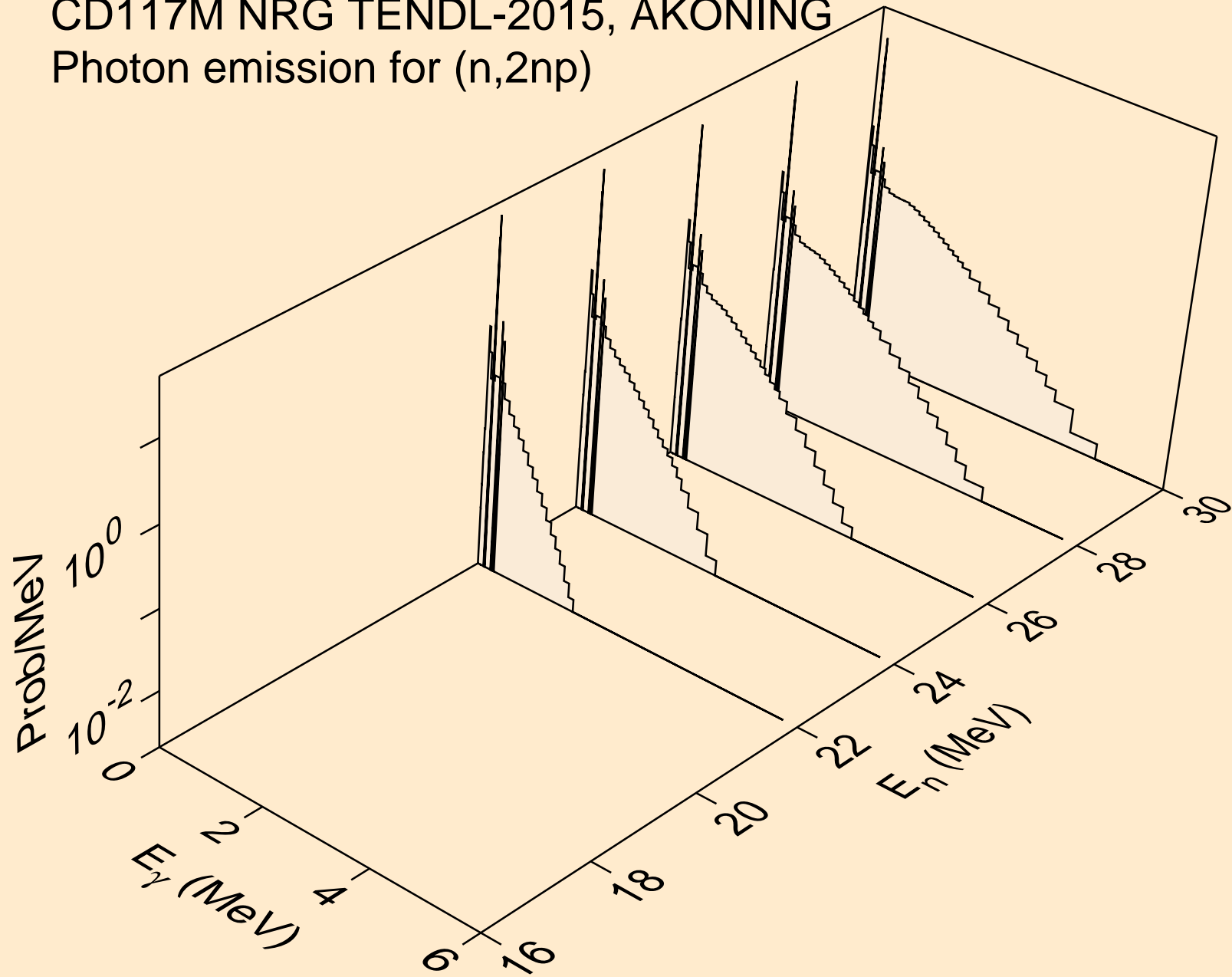
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Photon emission for (n,n\*)he3



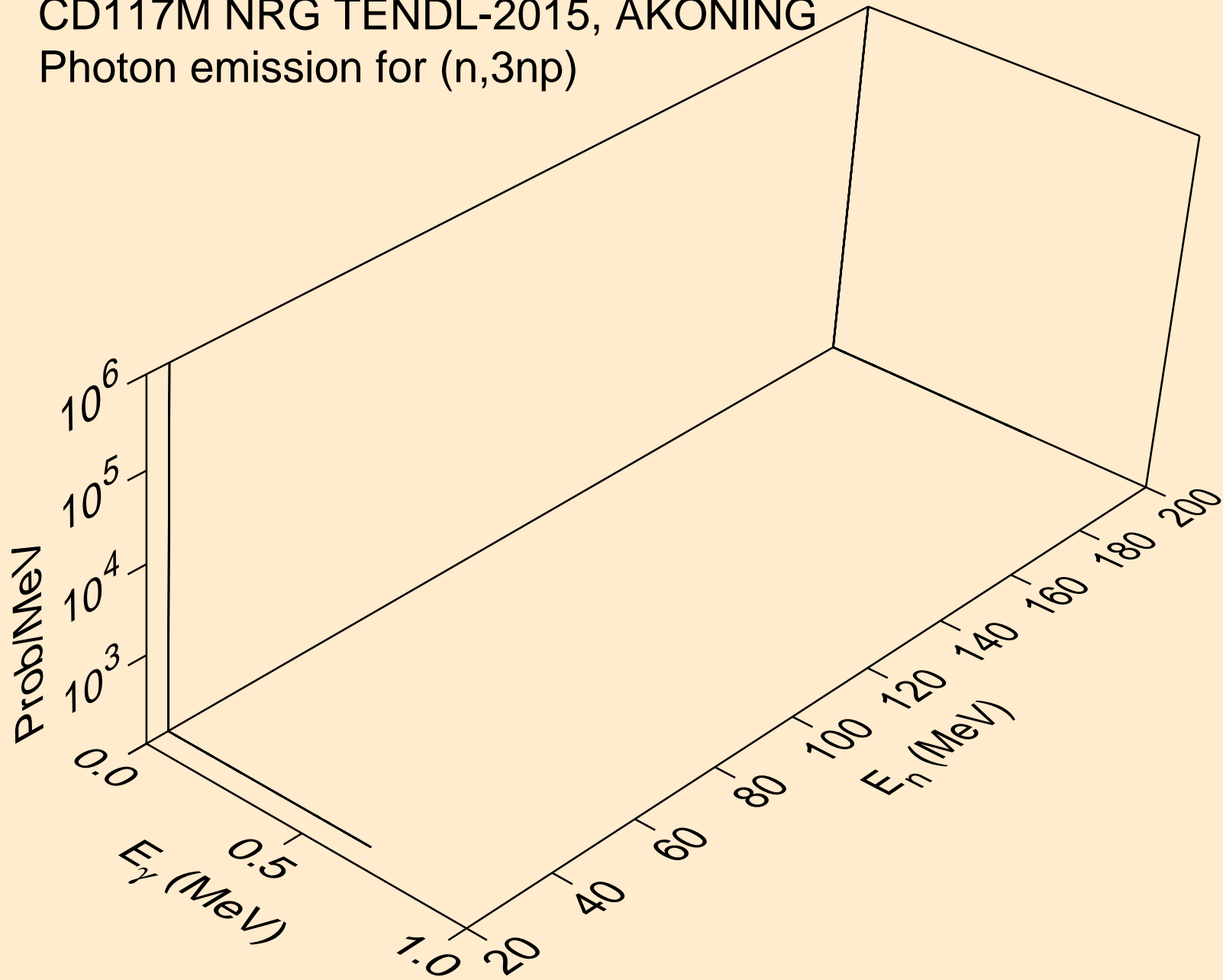
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Photon emission for (n,4n)



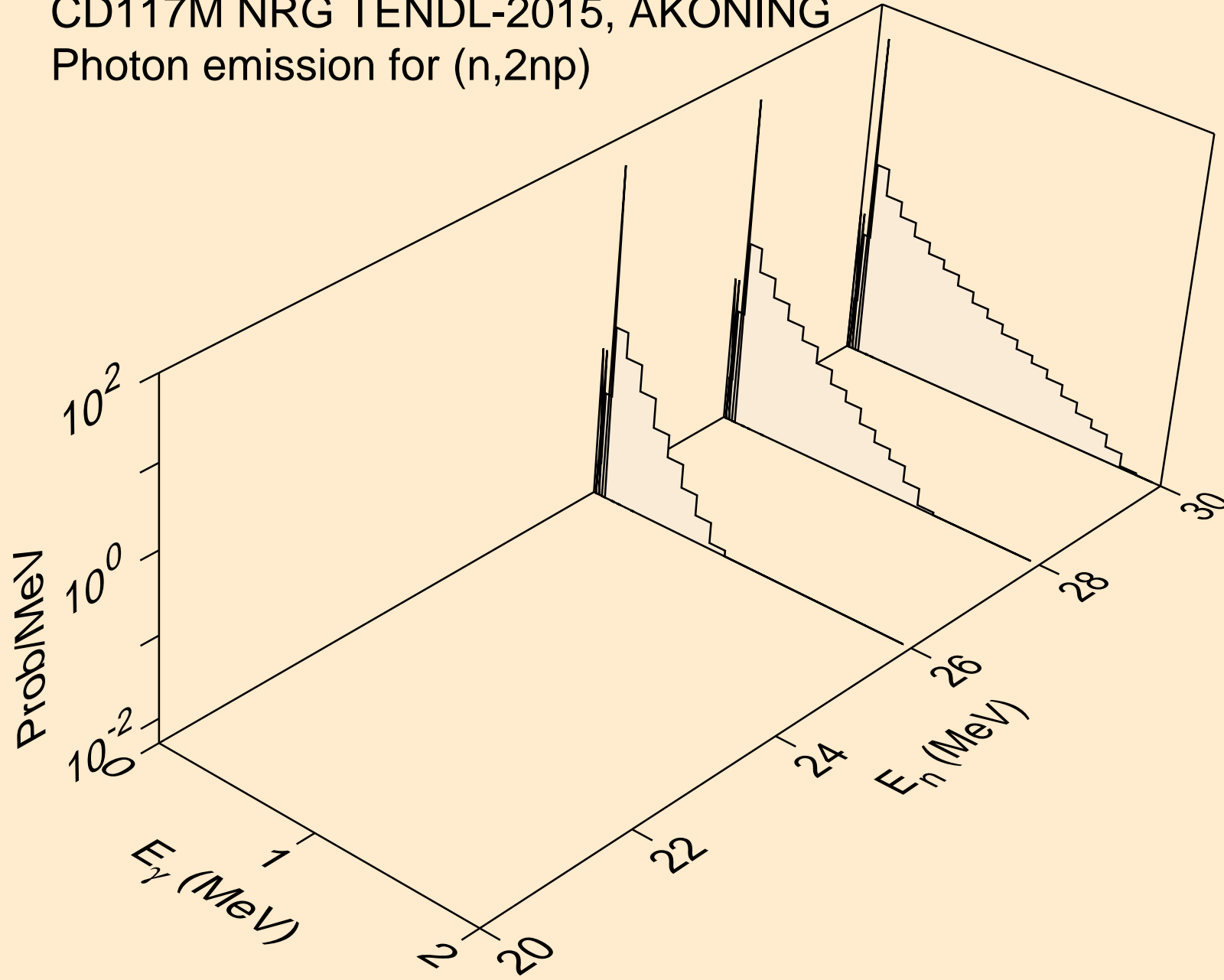
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



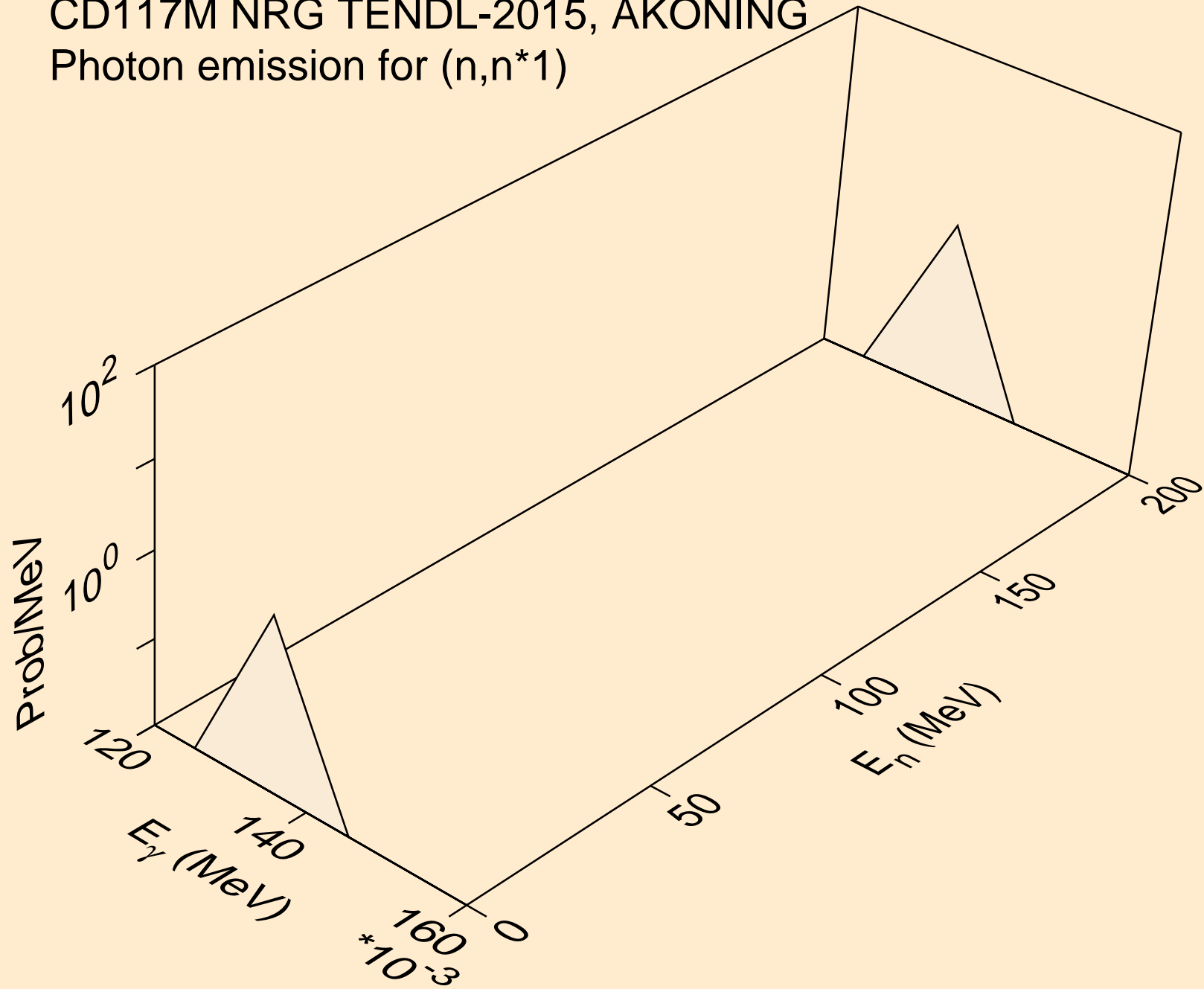
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



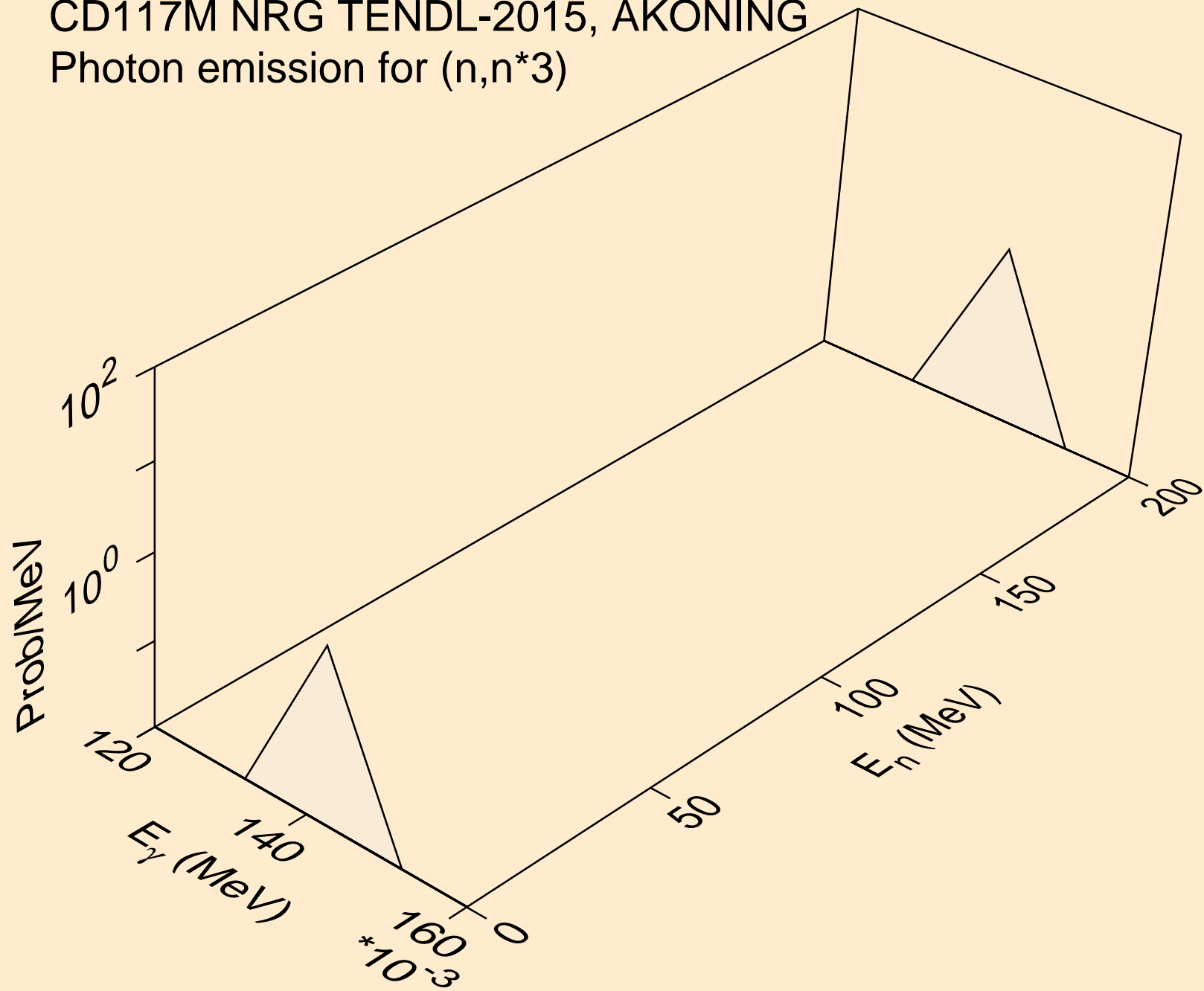
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)

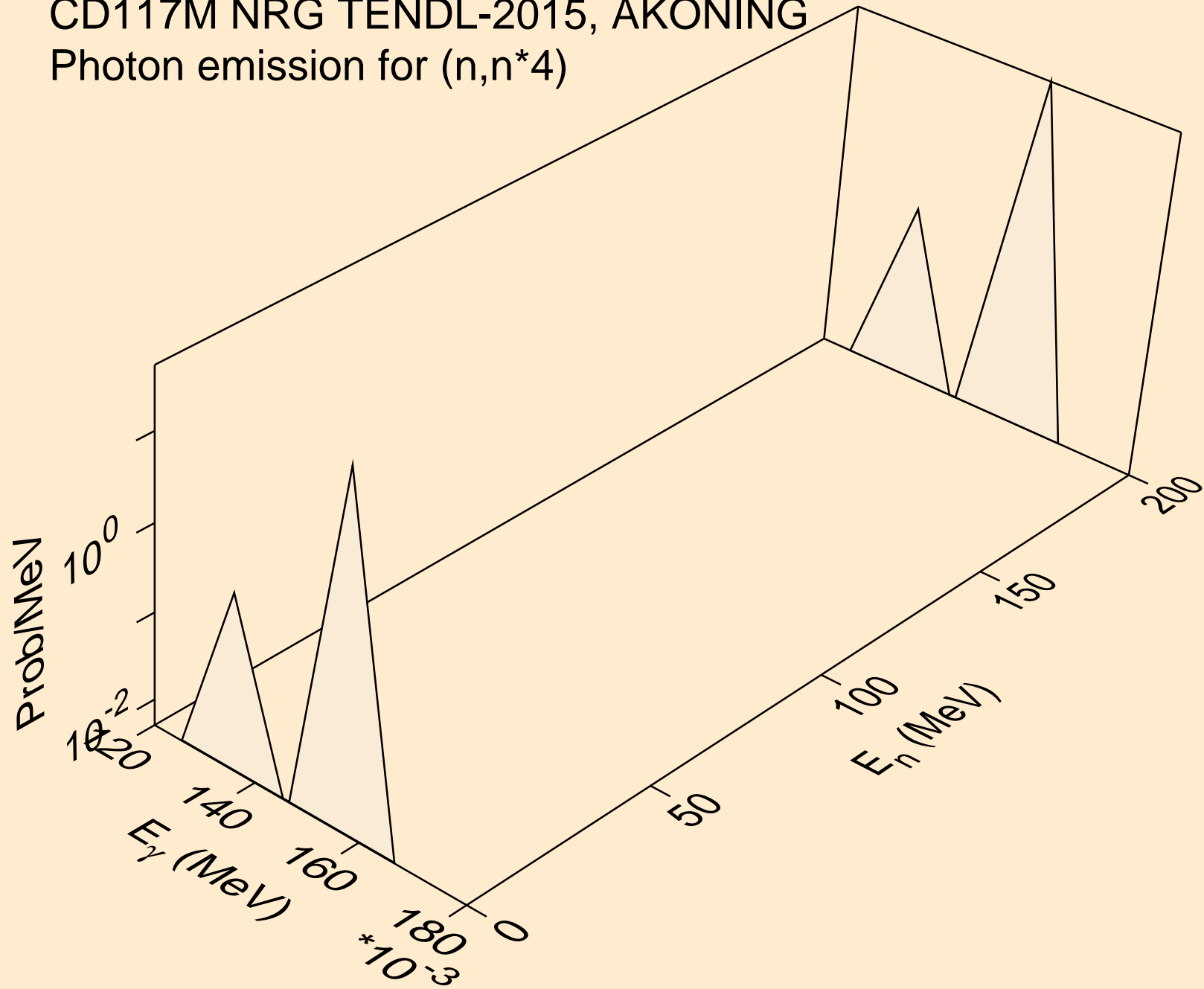


CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)

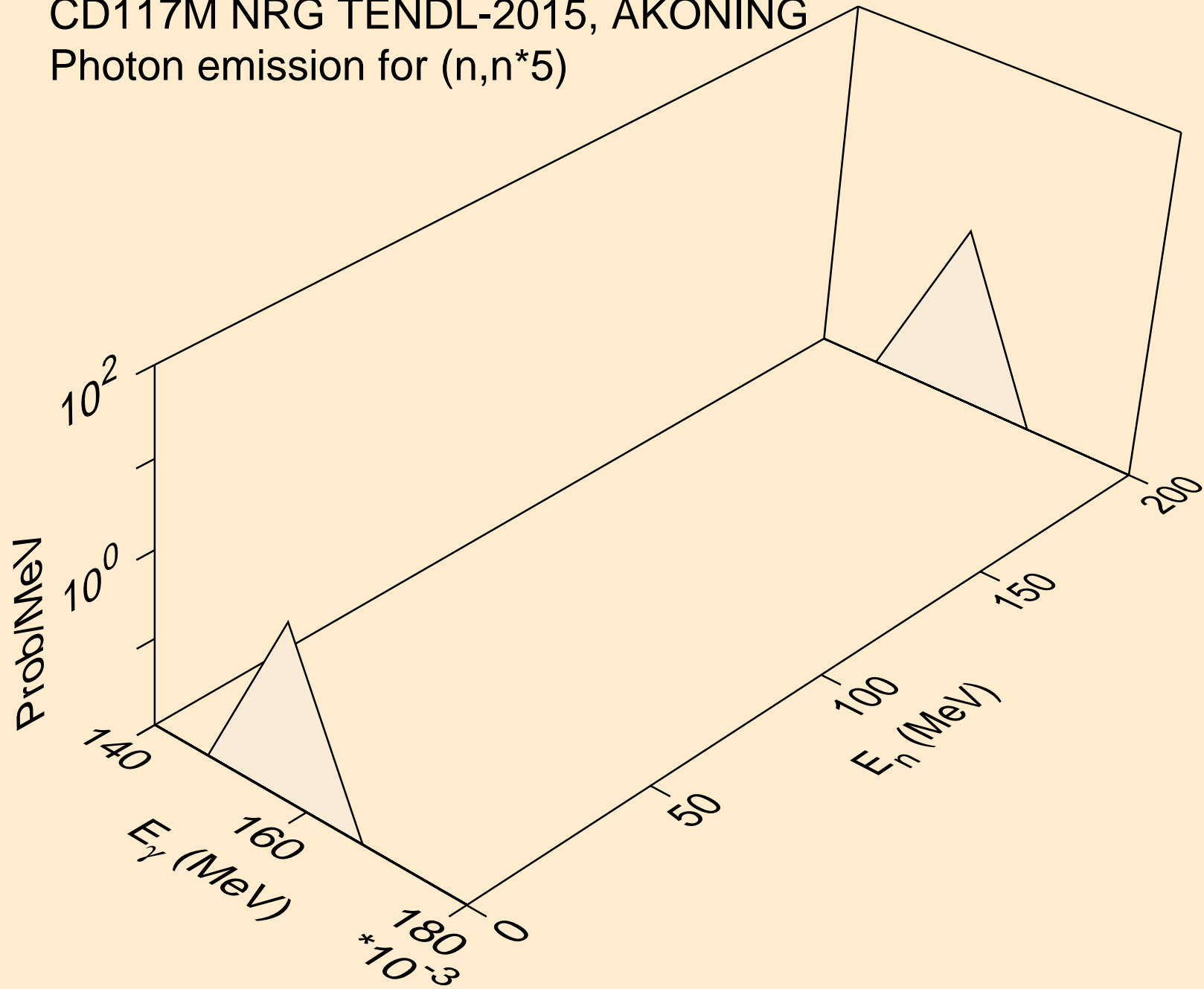




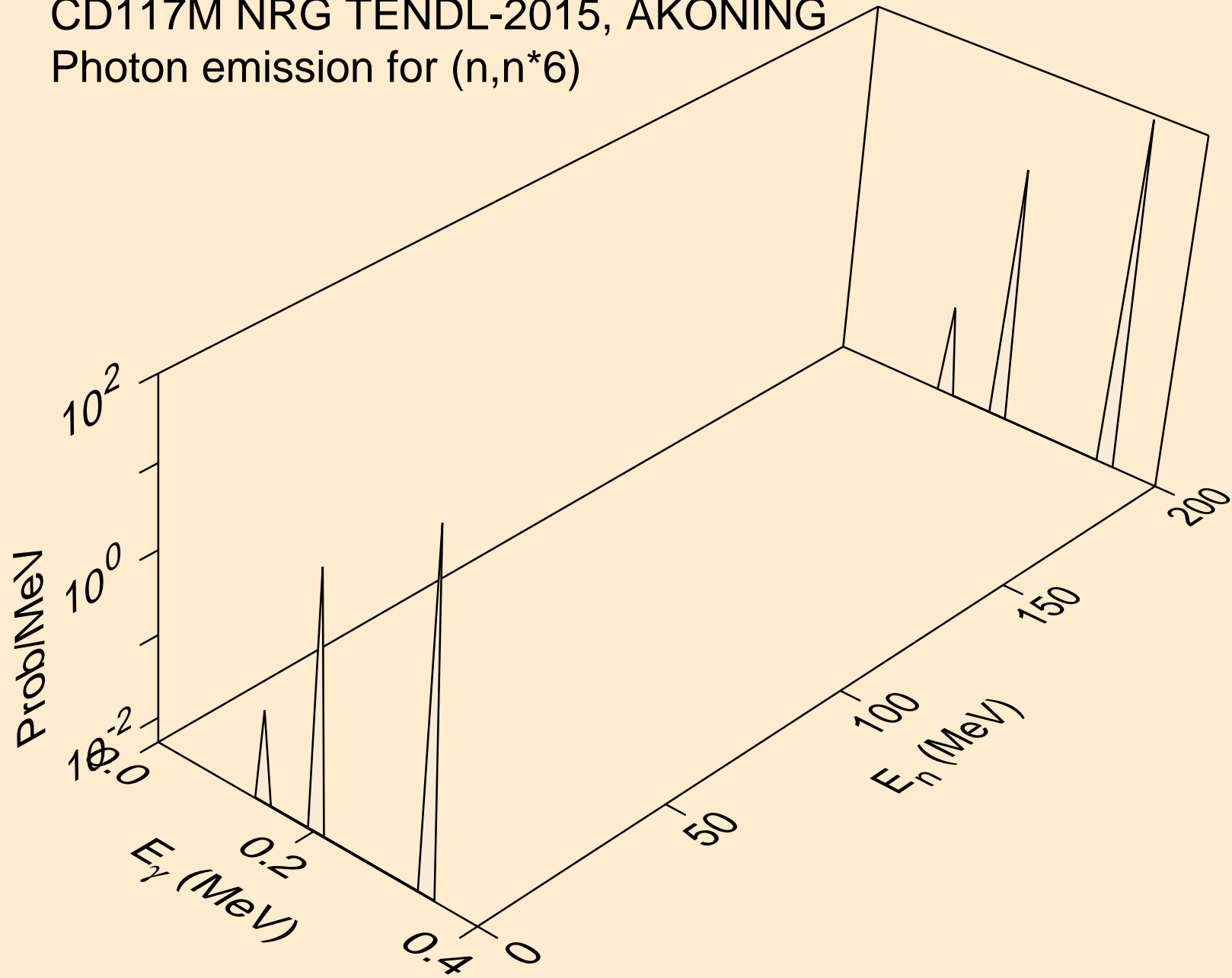
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Photon emission for (n,n\*4)



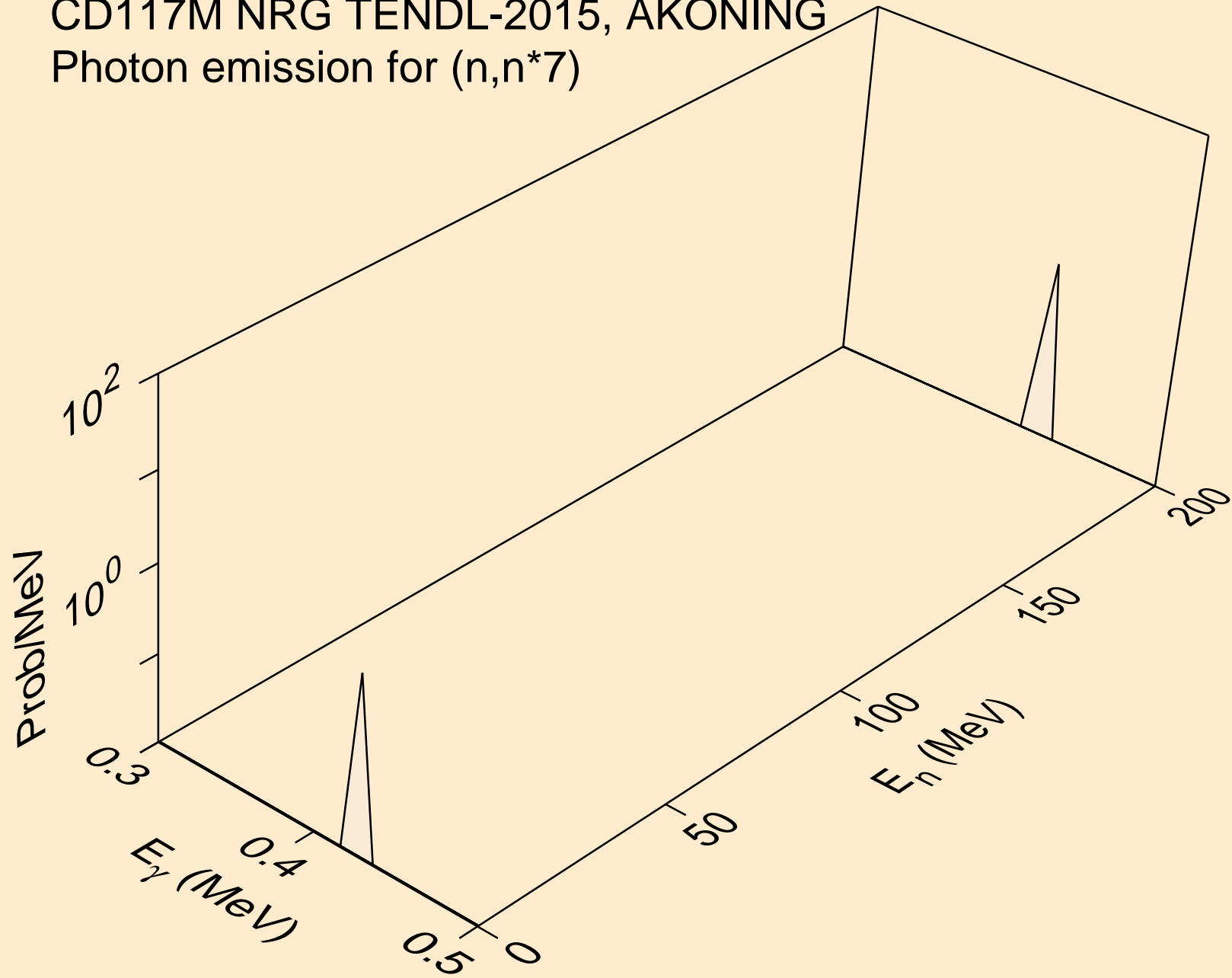
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



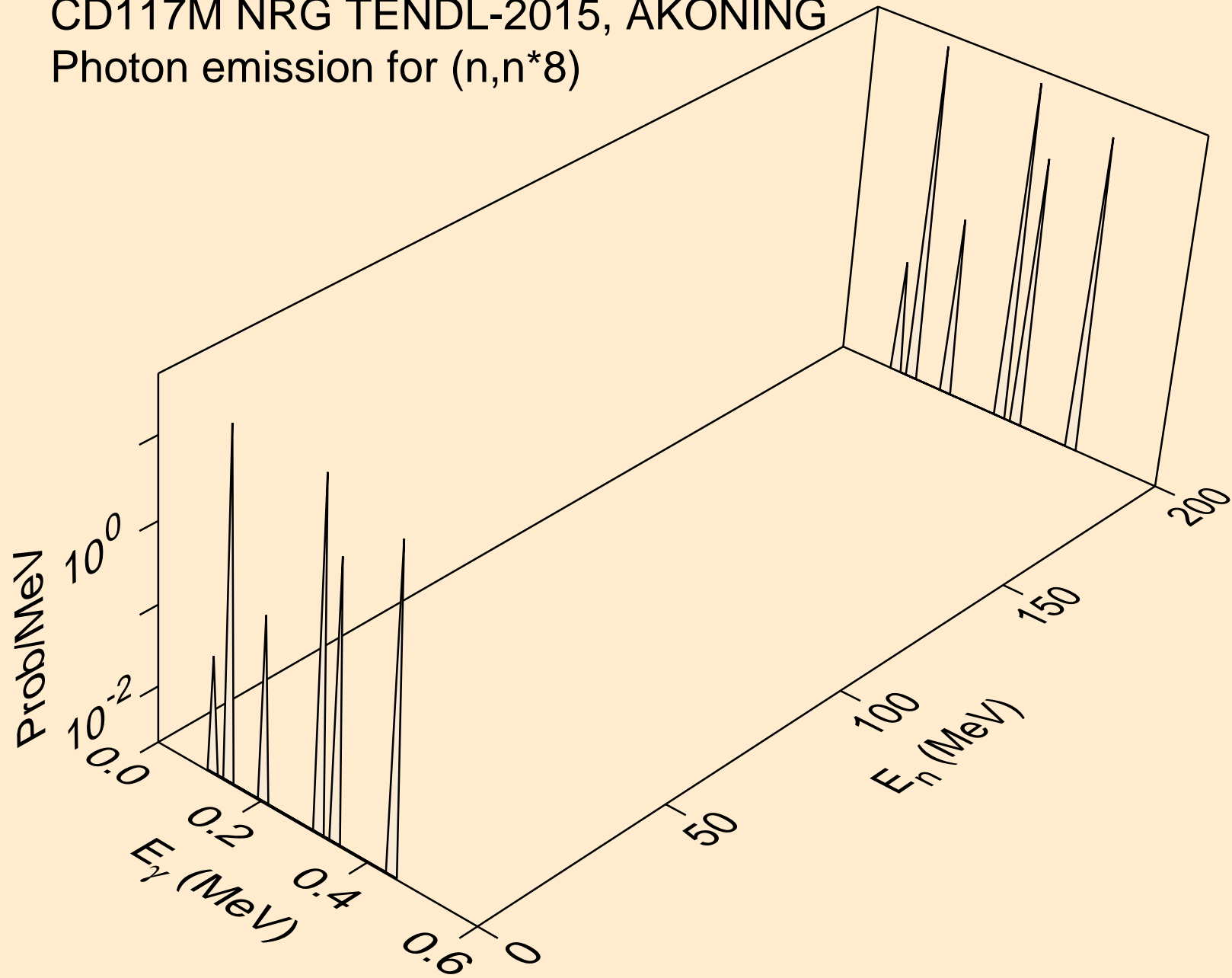
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Photon emission for (n,n\*6)



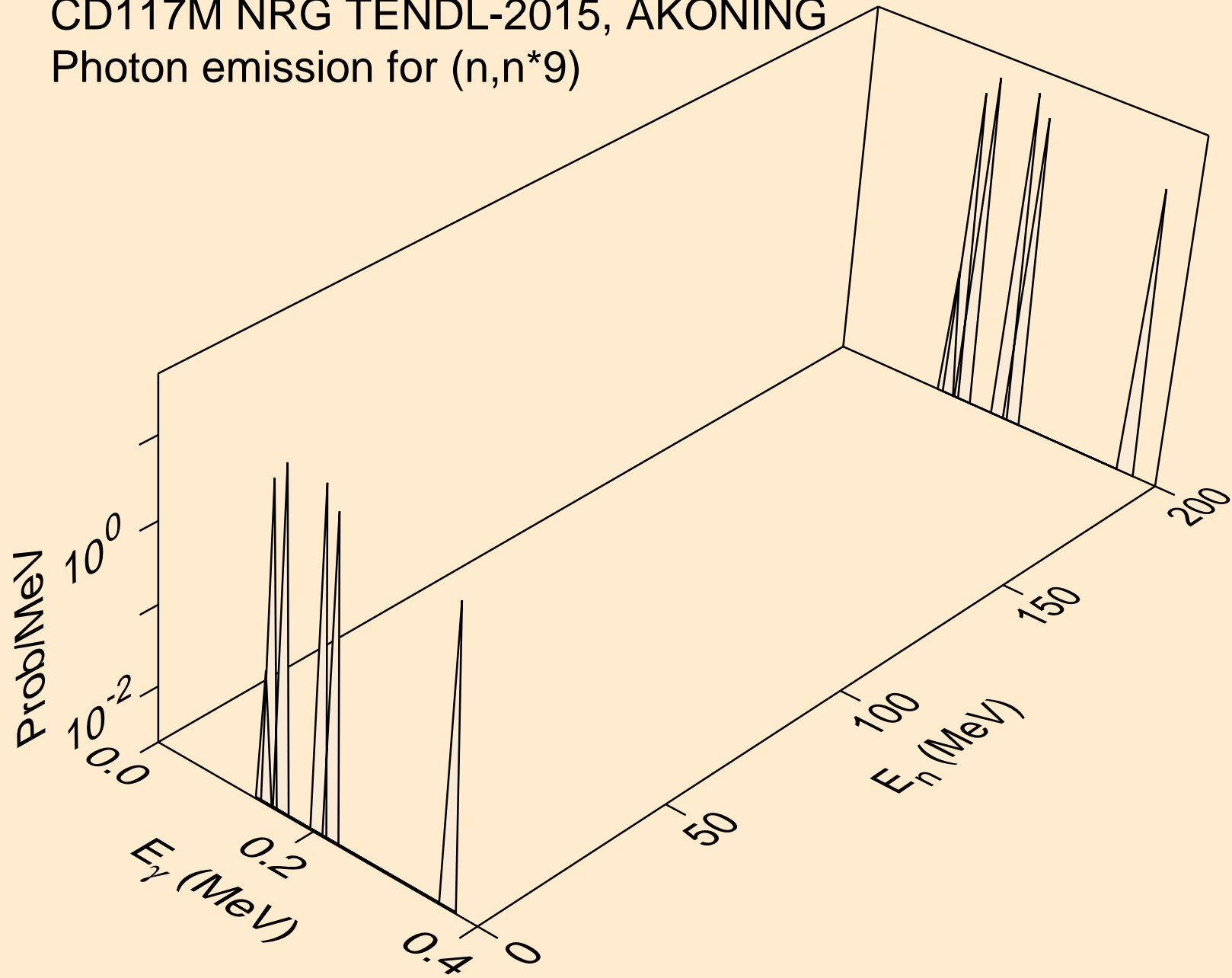
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



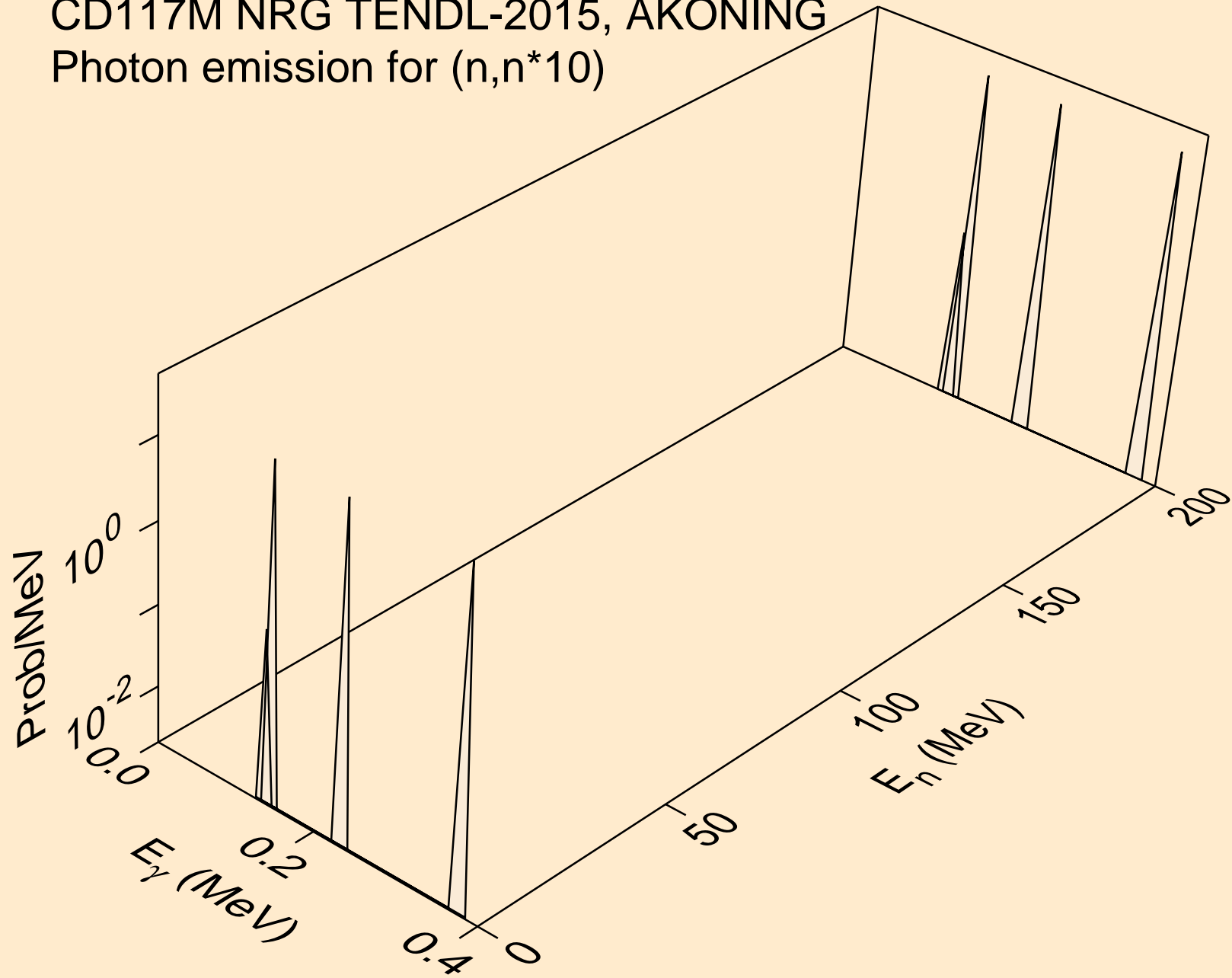
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Photon emission for (n,n\*8)



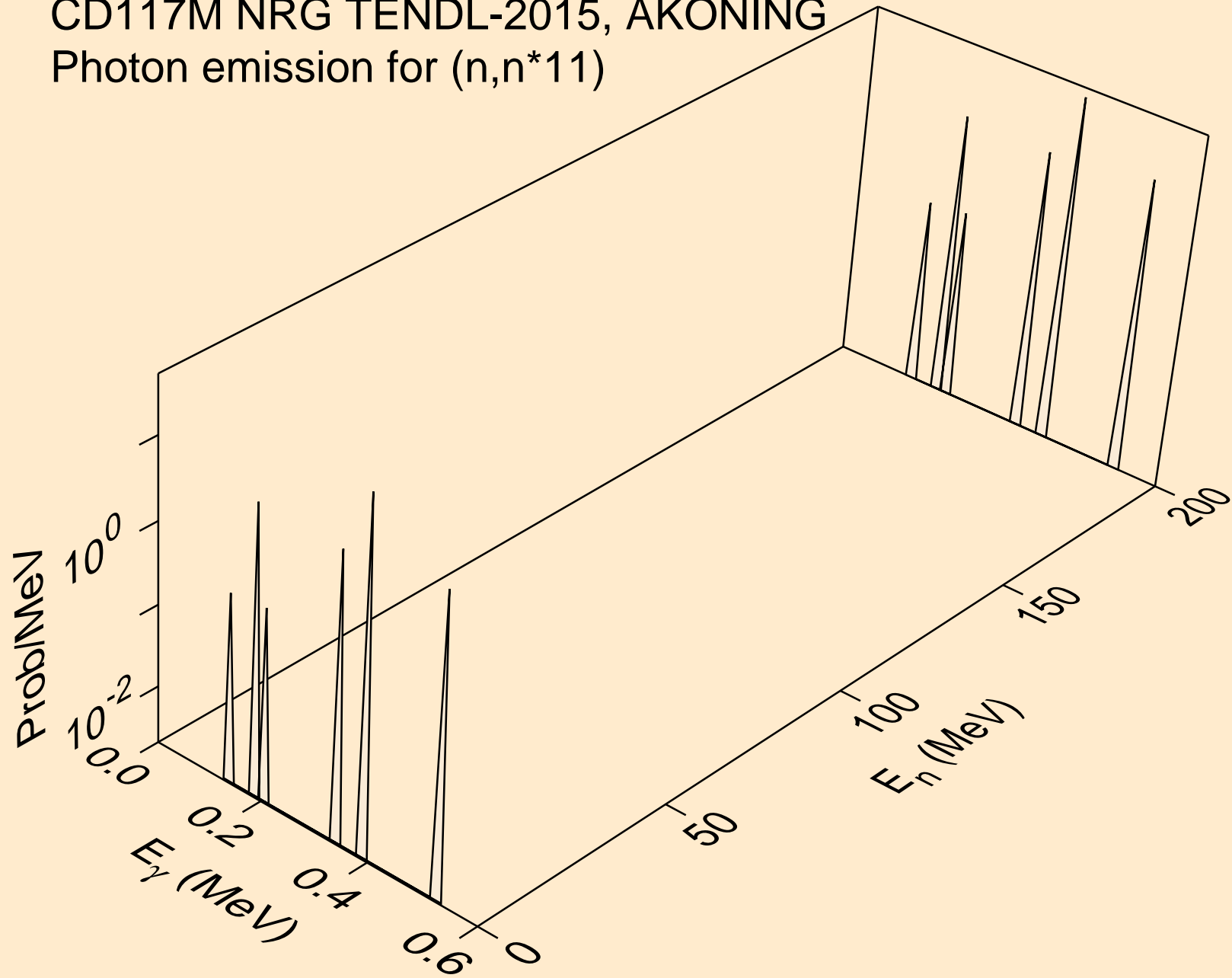
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)



CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)

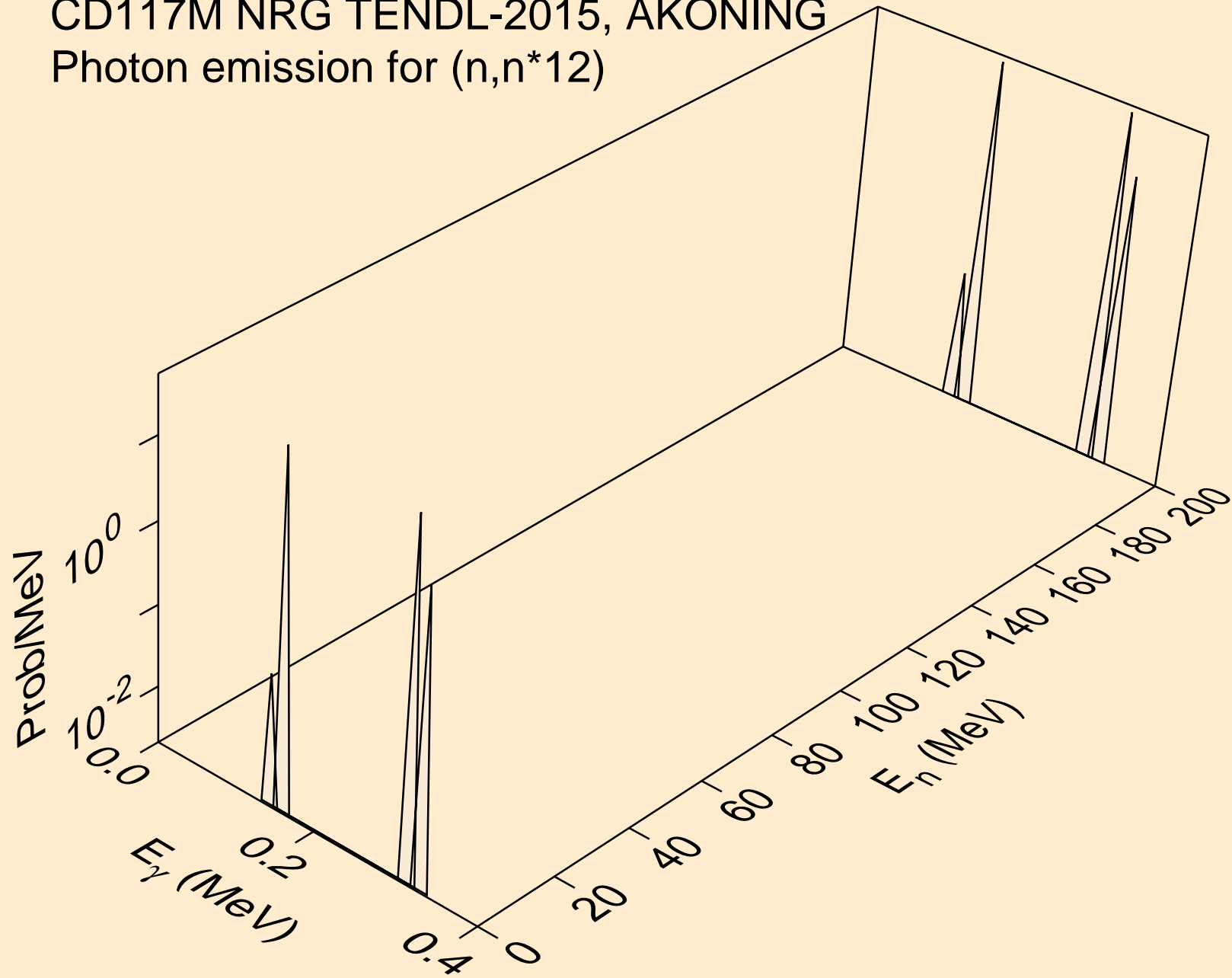


CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)

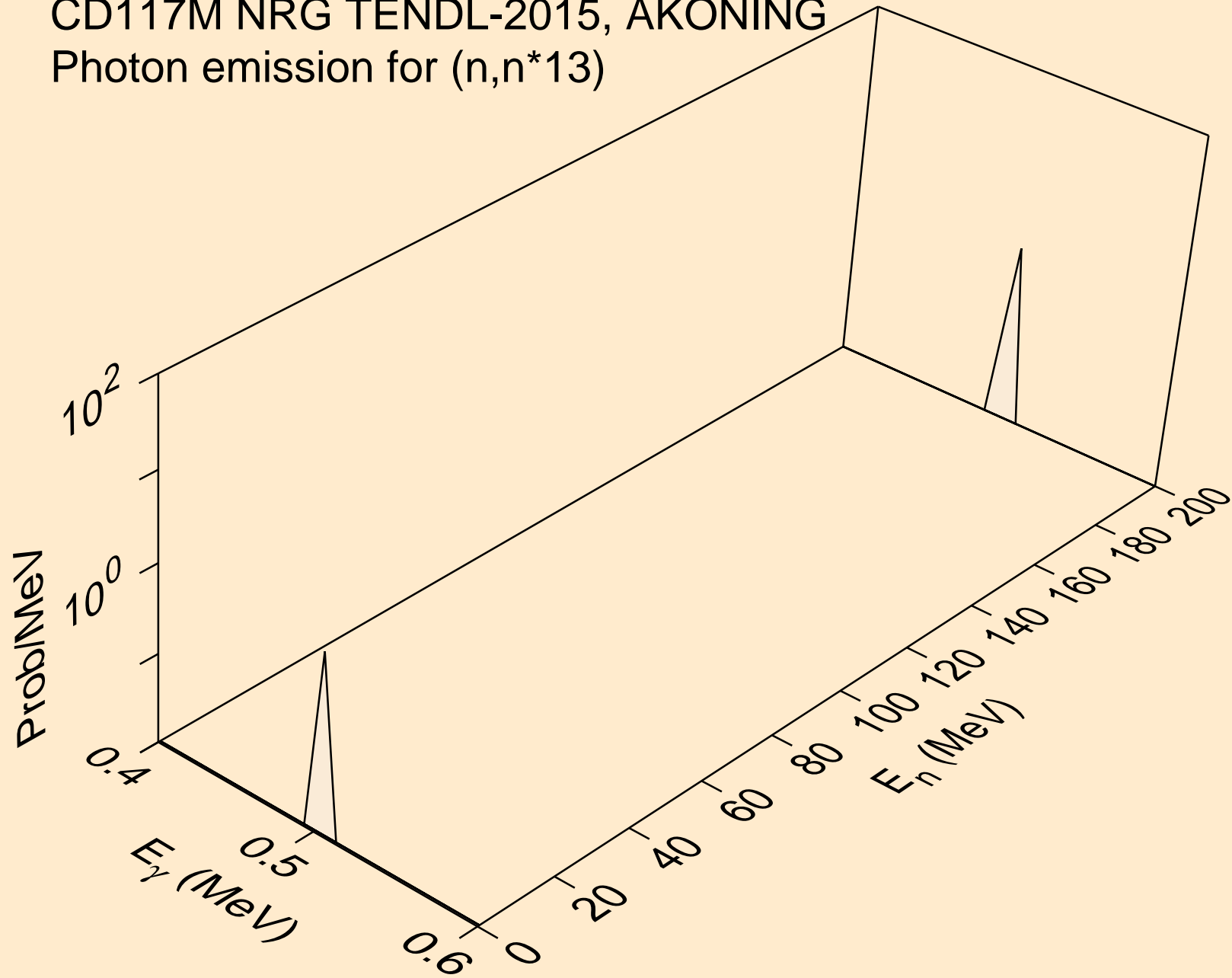




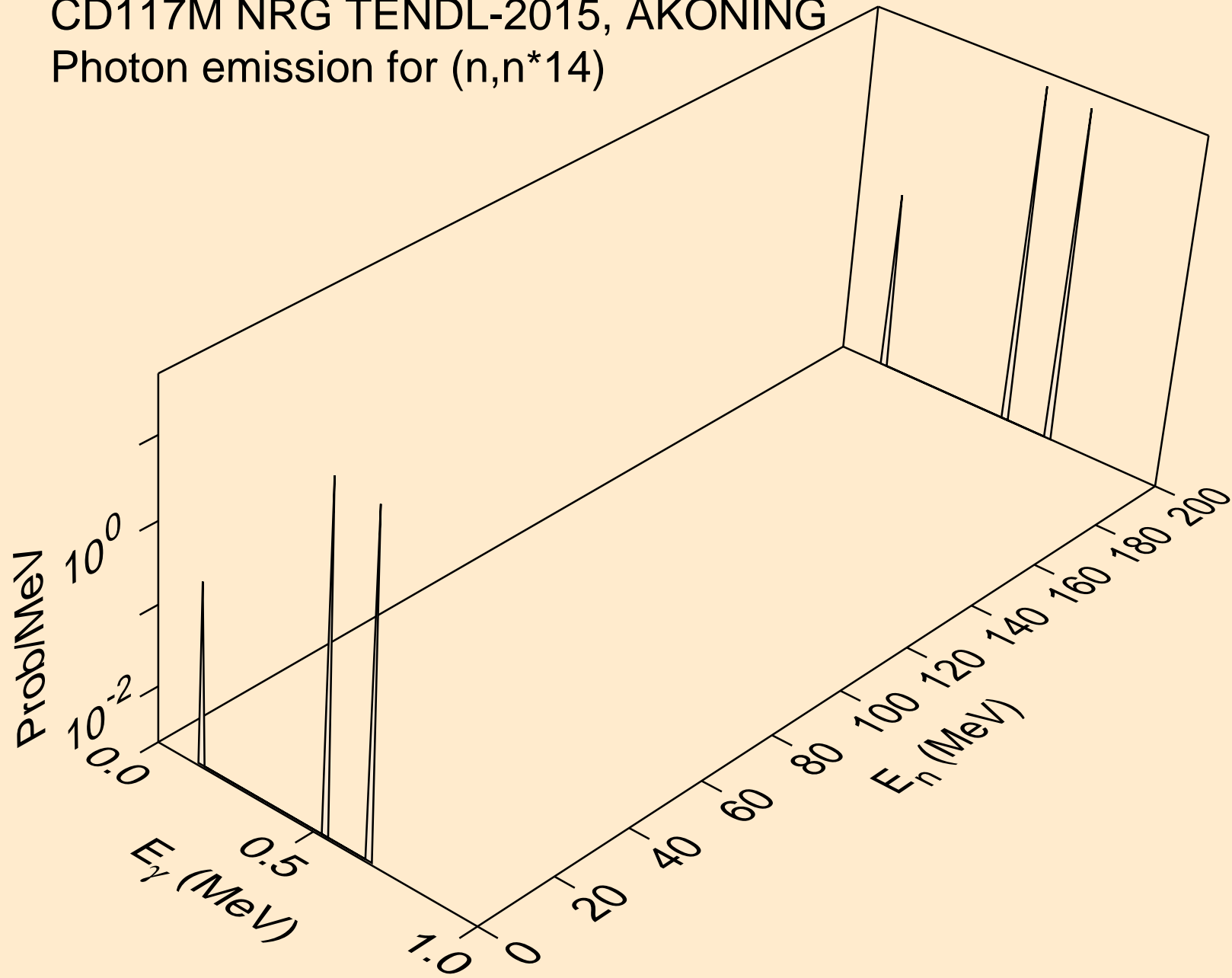
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Photon emission for (n,n\*12)



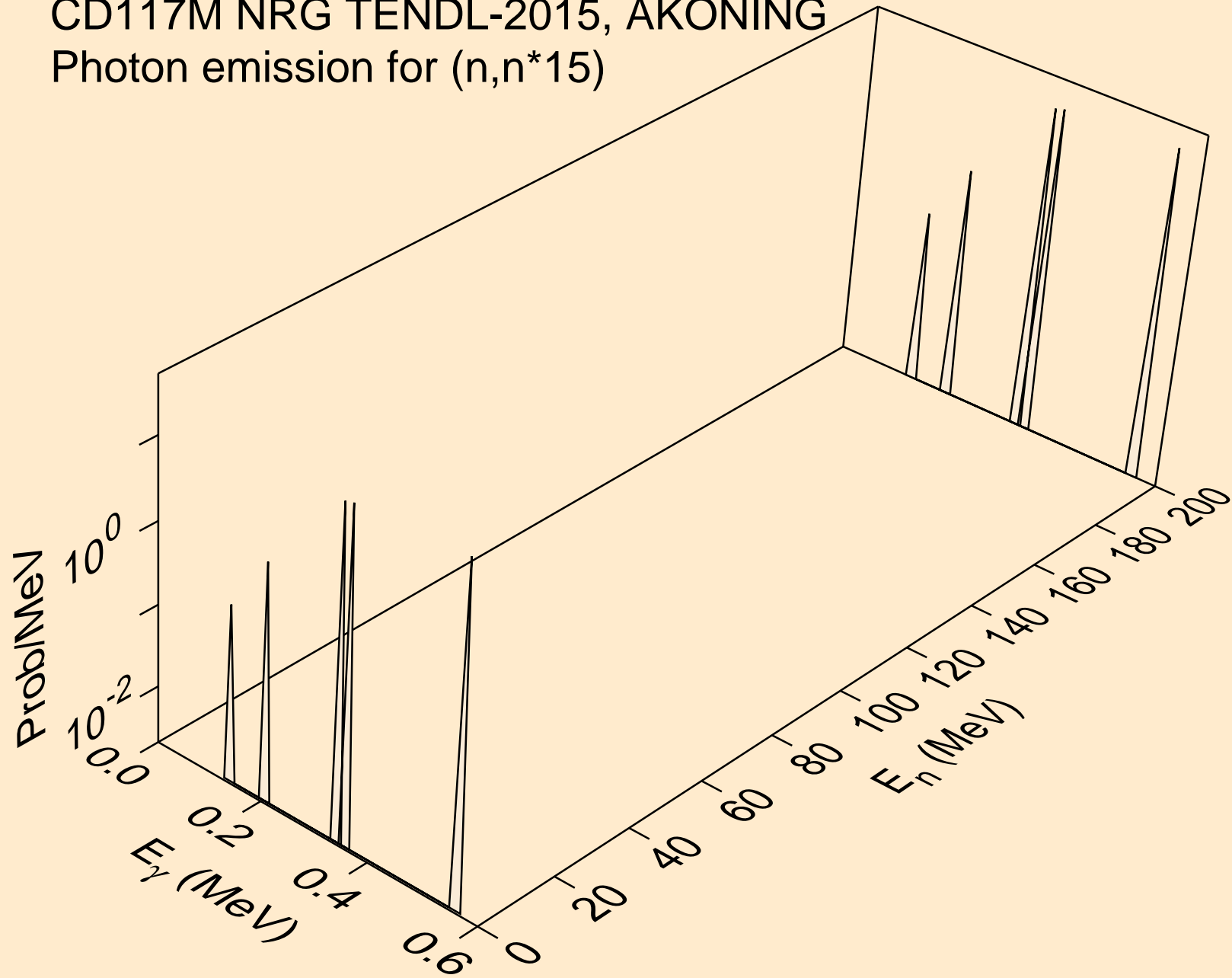
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Photon emission for (n,n\*13)



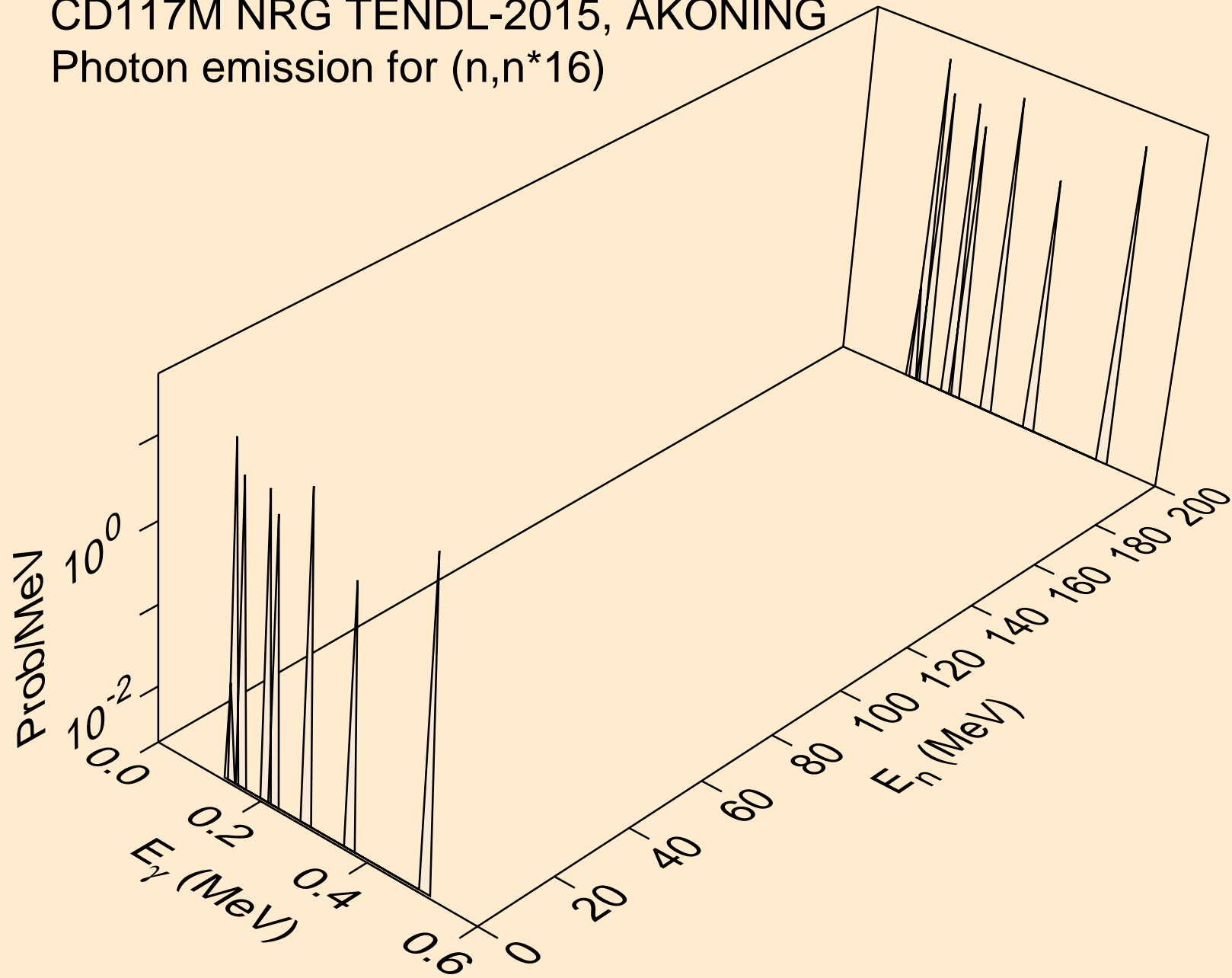
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Photon emission for (n,n\*14)



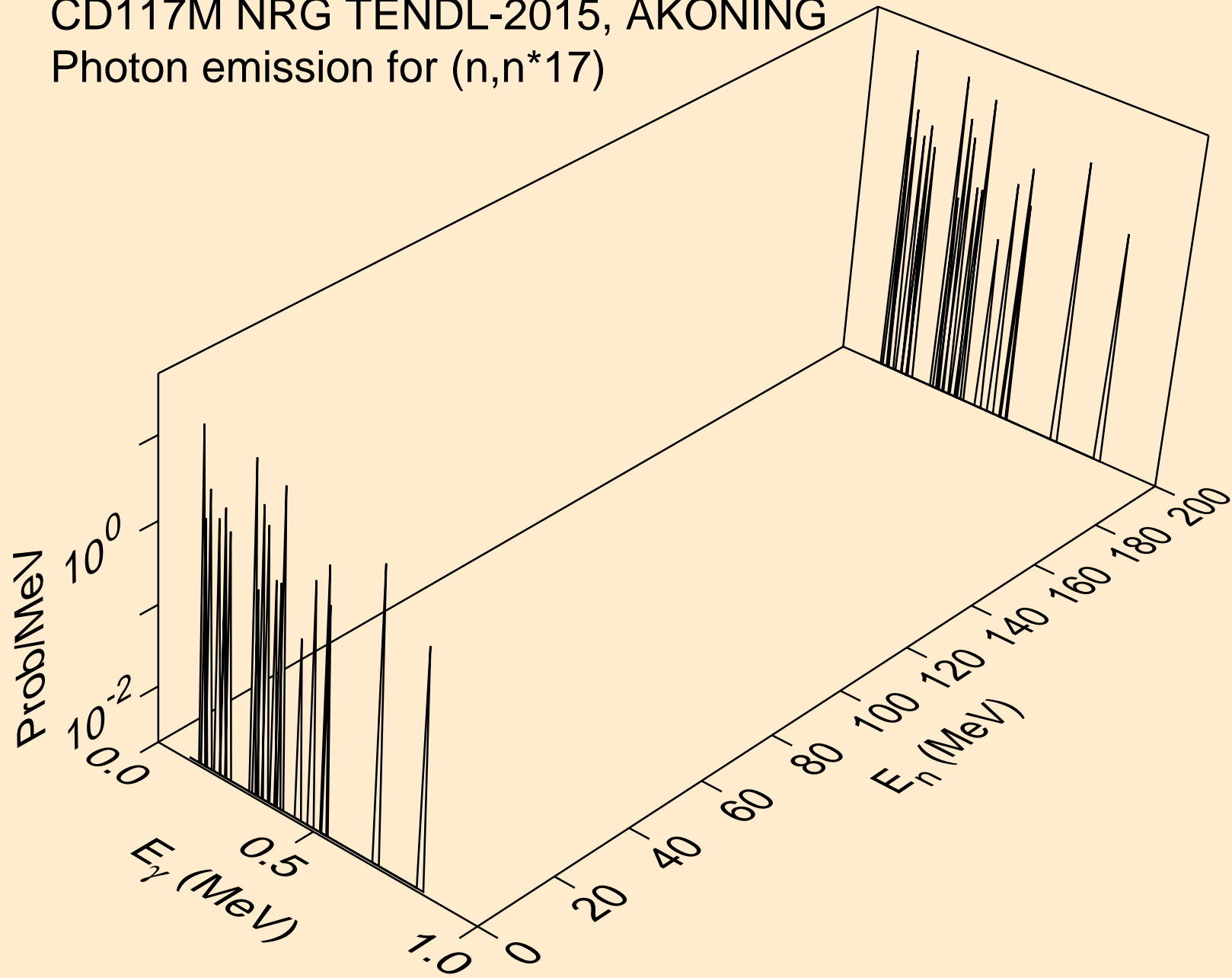
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Photon emission for (n,n\*15)



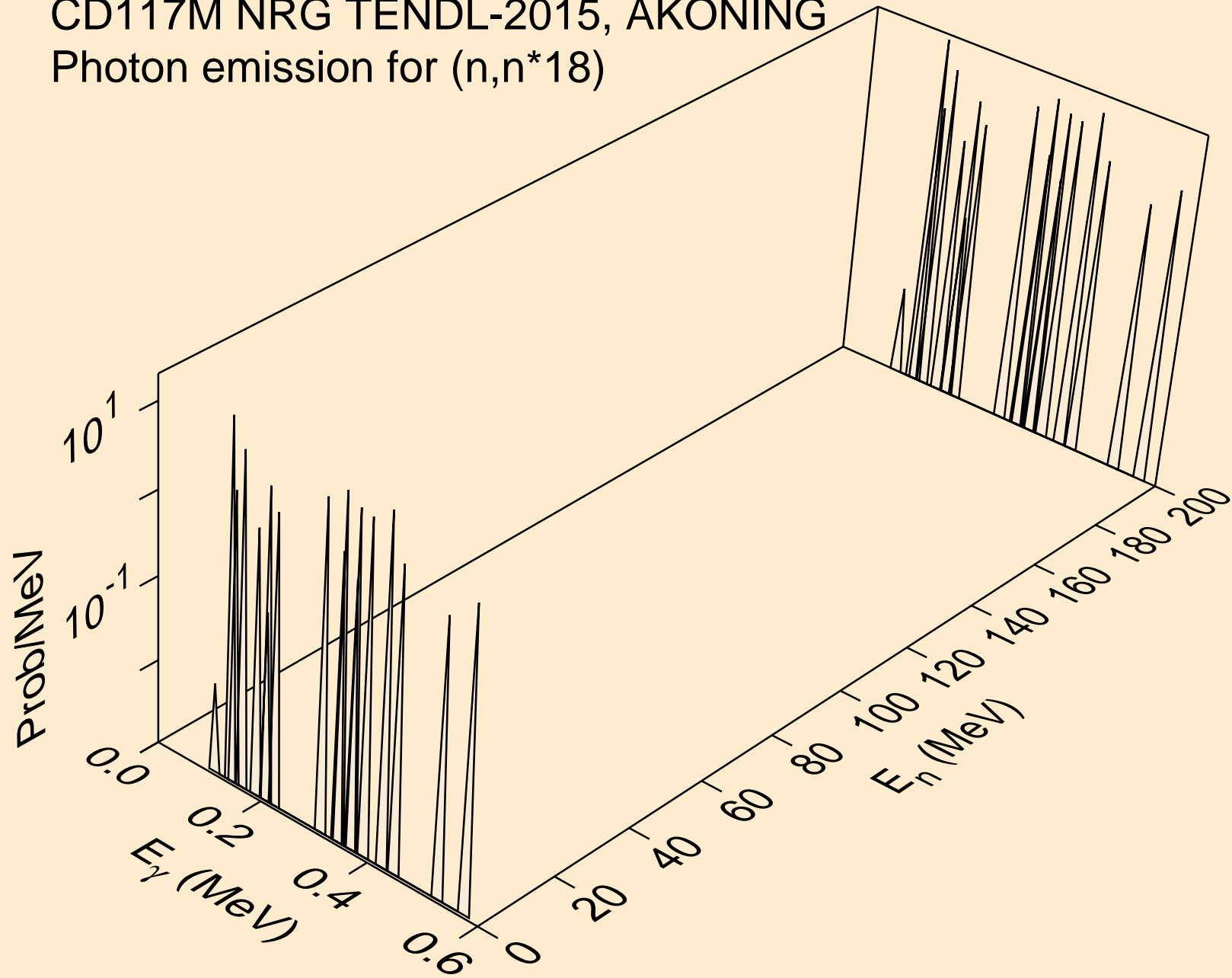
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Photon emission for (n,n\*16)



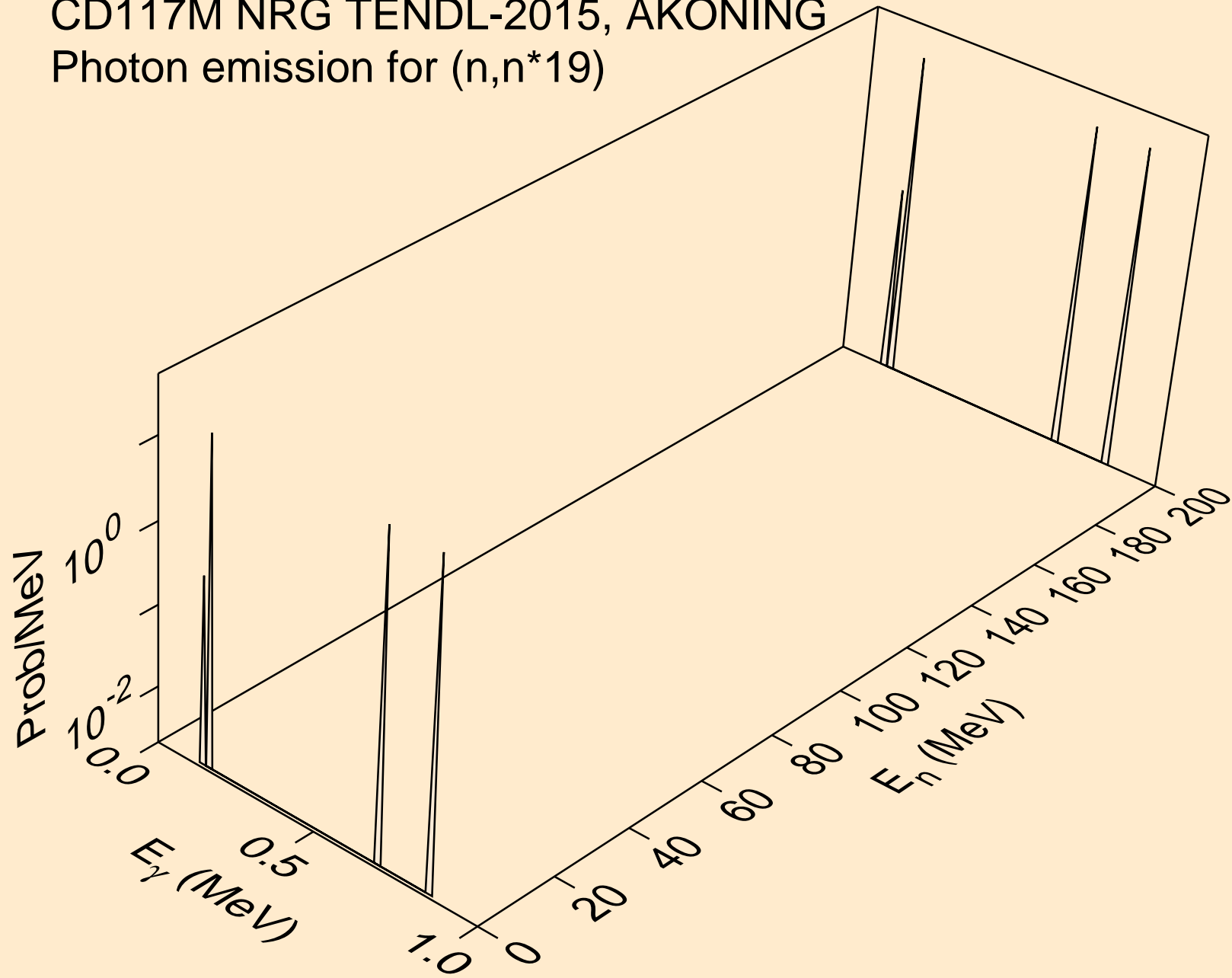
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*17)



CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)

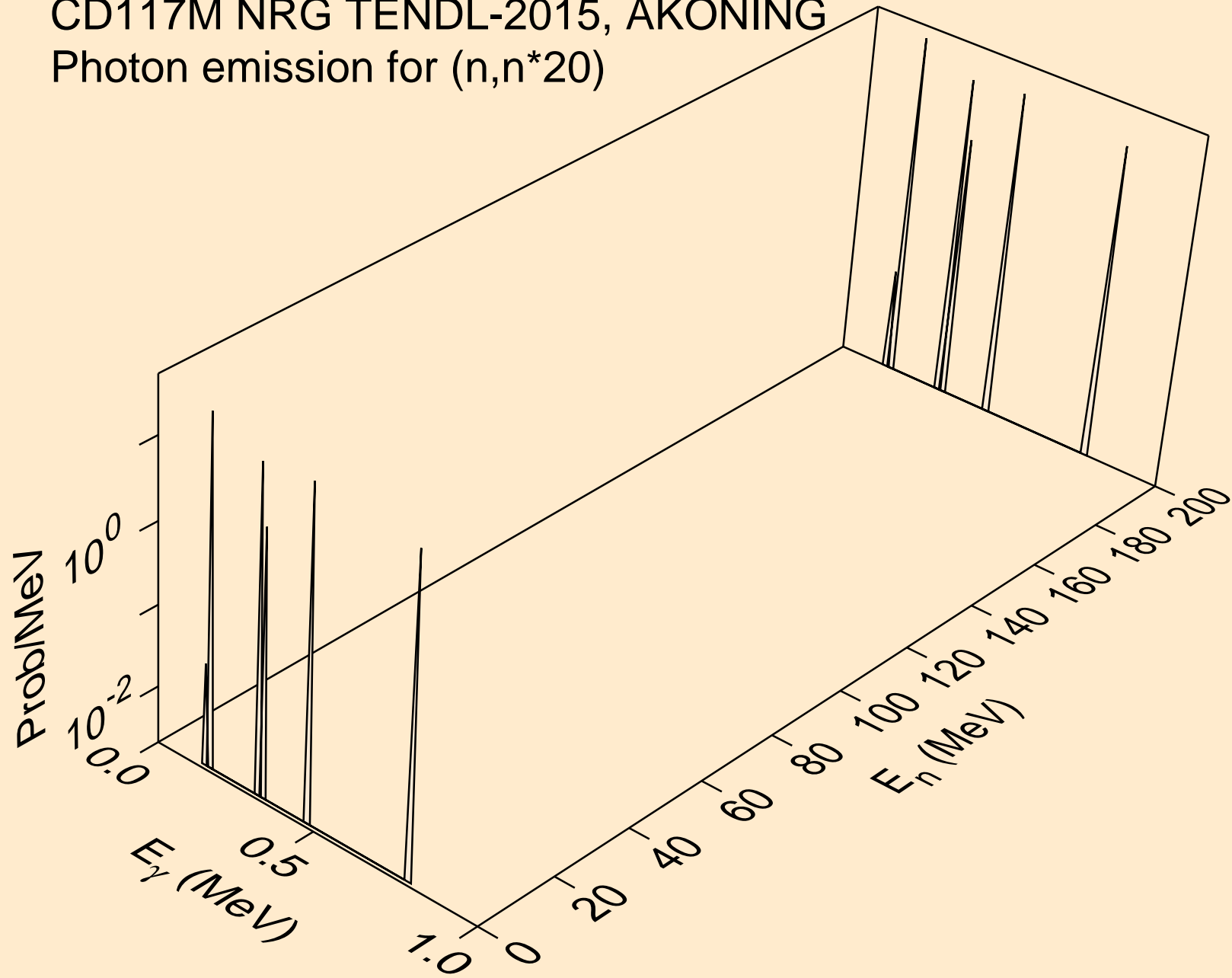


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Photon emission for (n,n\*19)

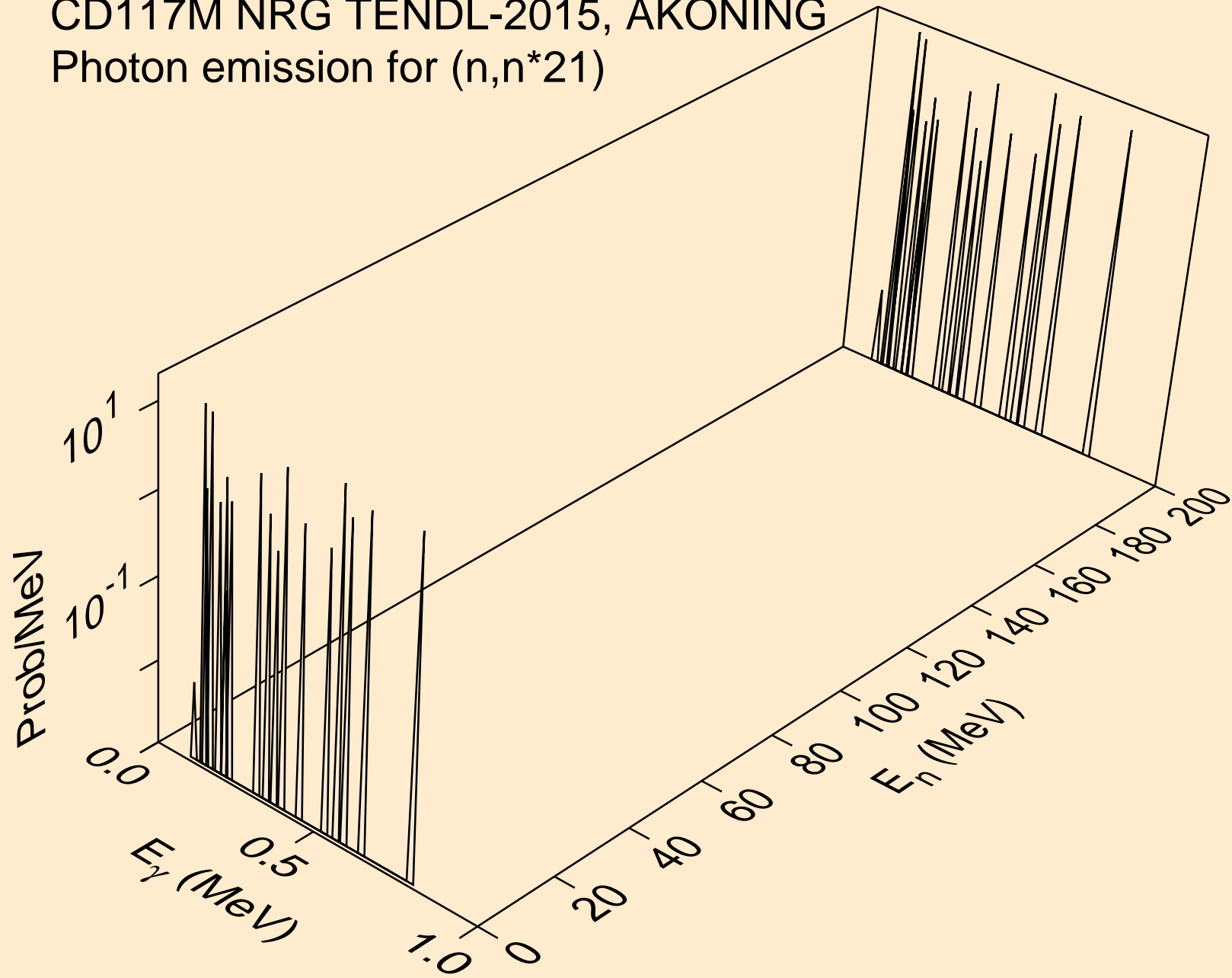




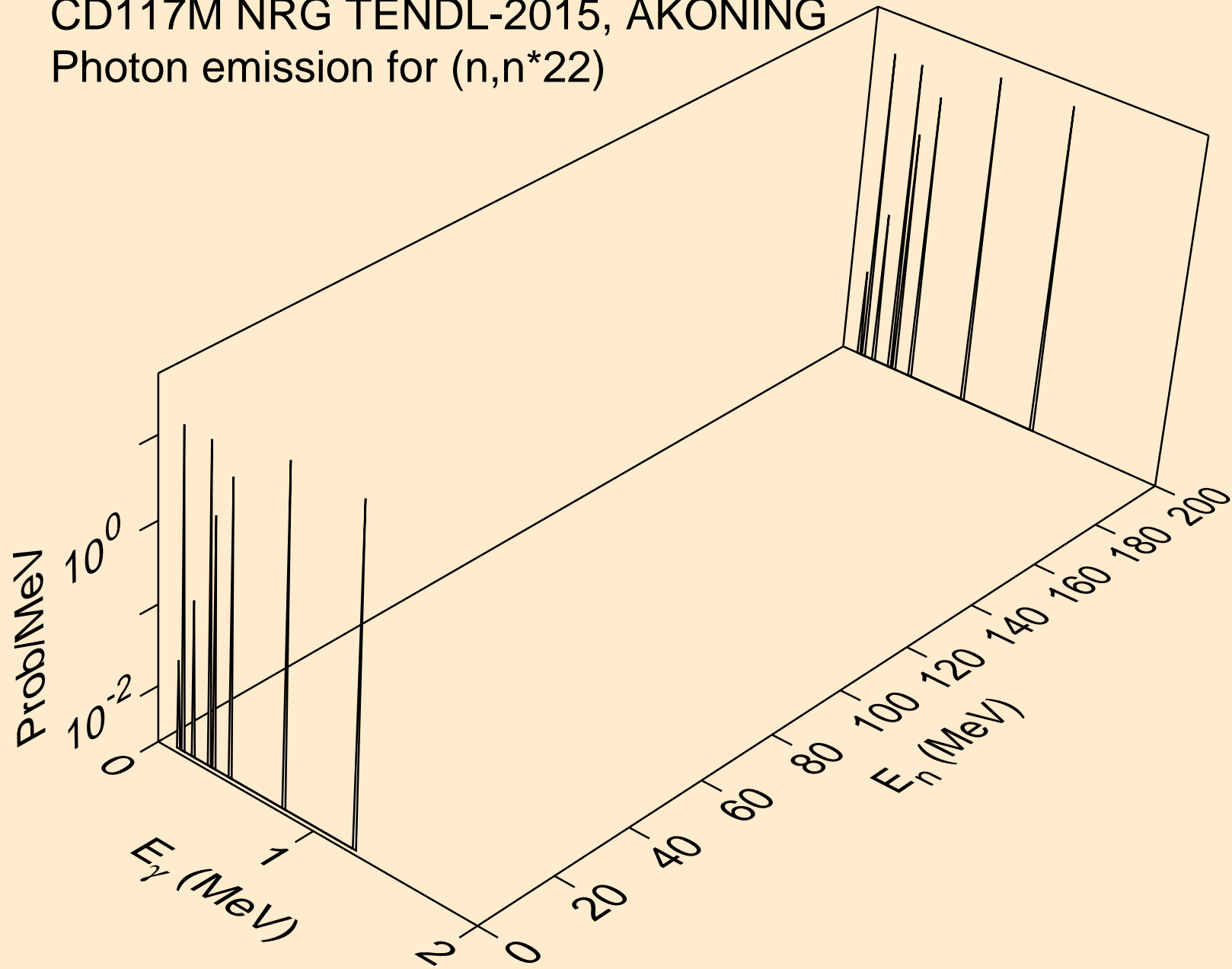
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Photon emission for (n,n\*20)



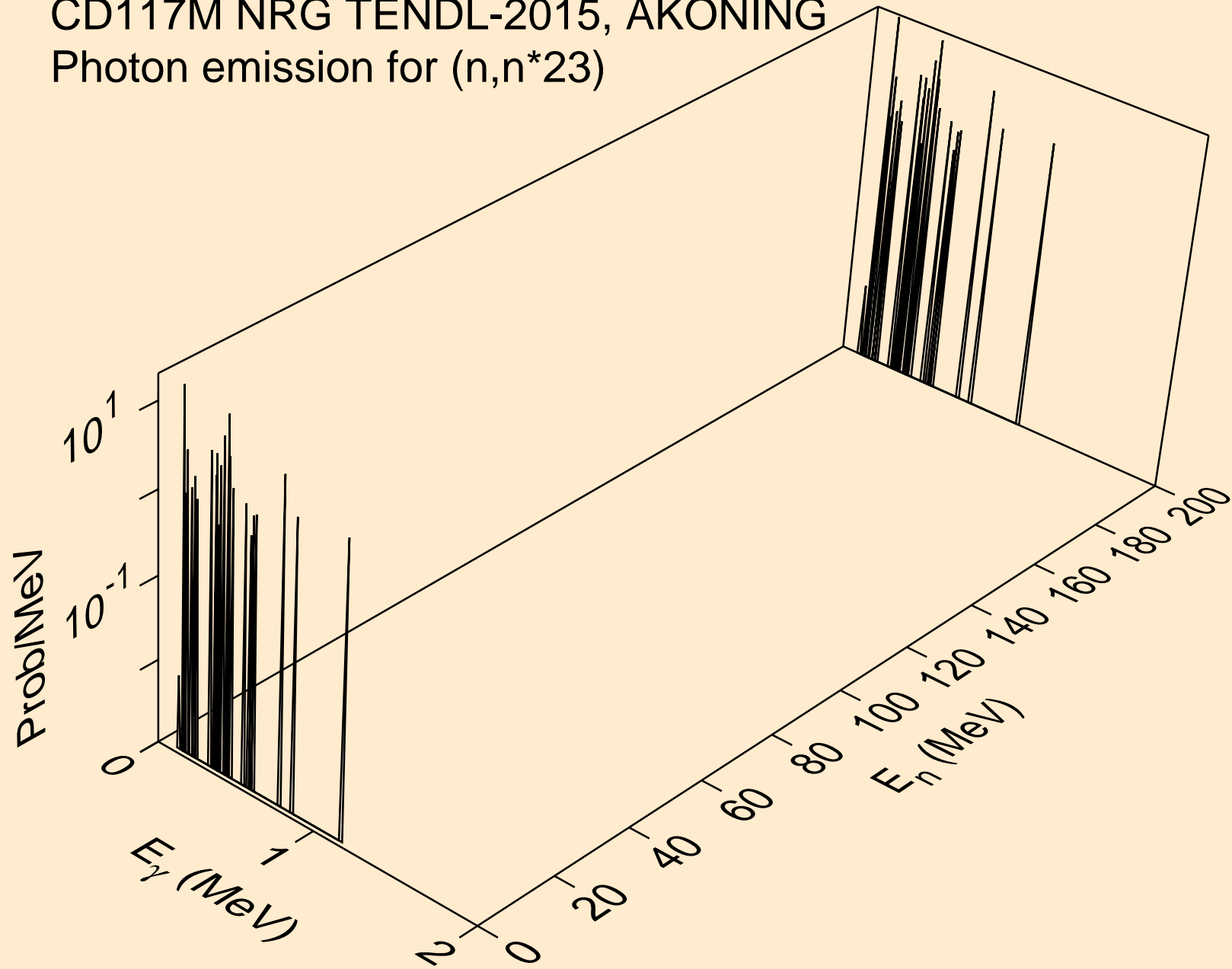
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Photon emission for (n,n\*21)



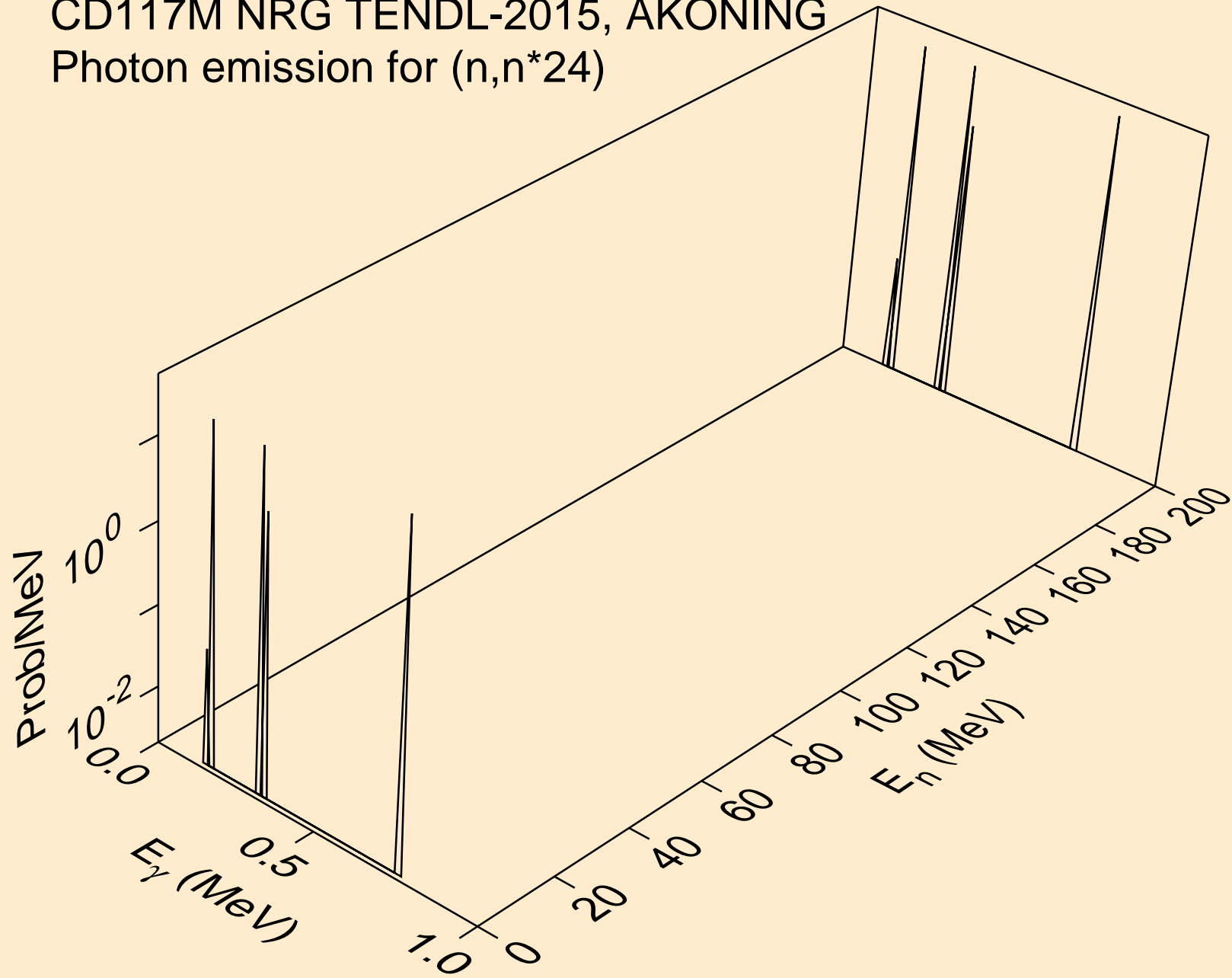
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Photon emission for (n,n\*22)



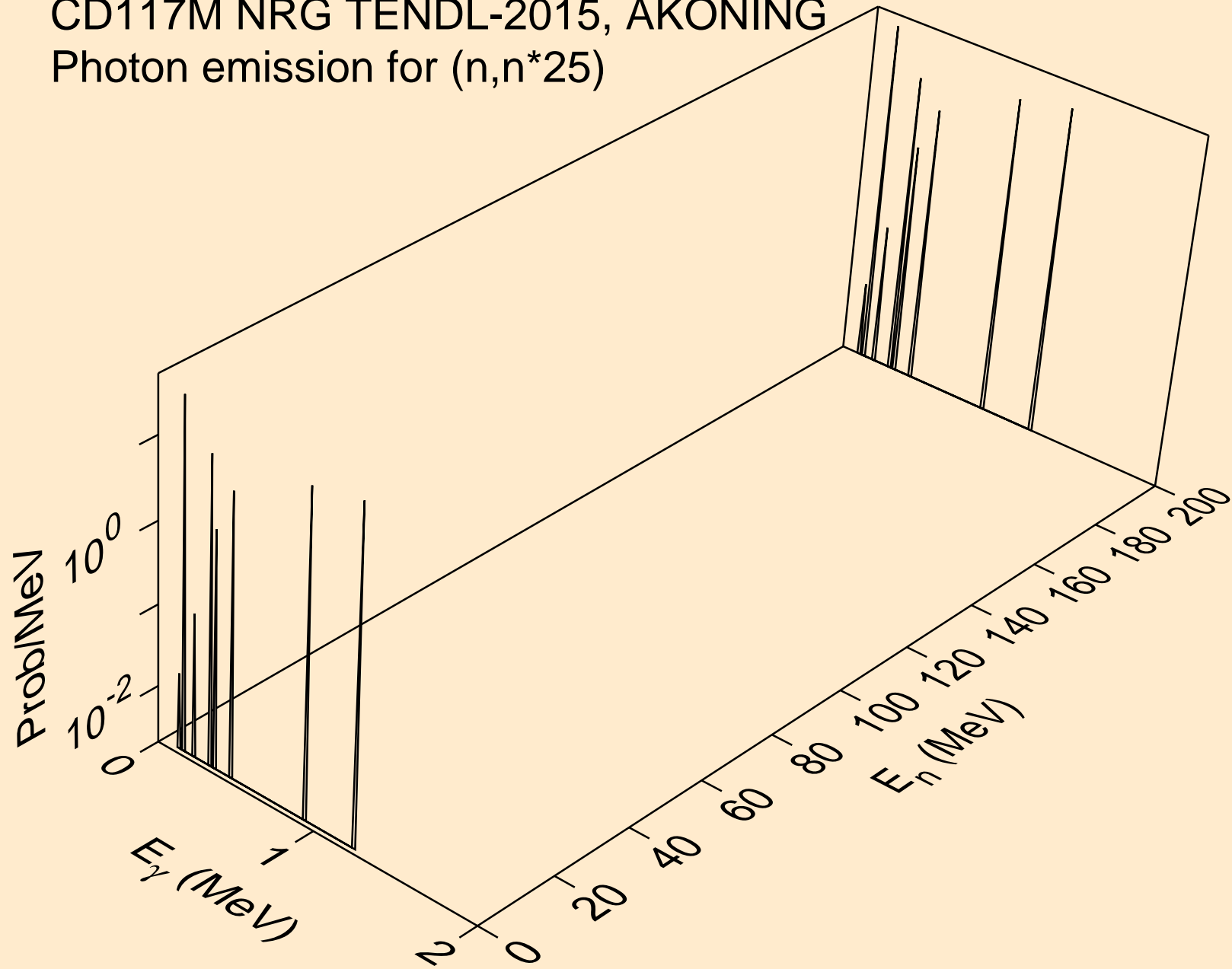
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Photon emission for (n,n\*23)



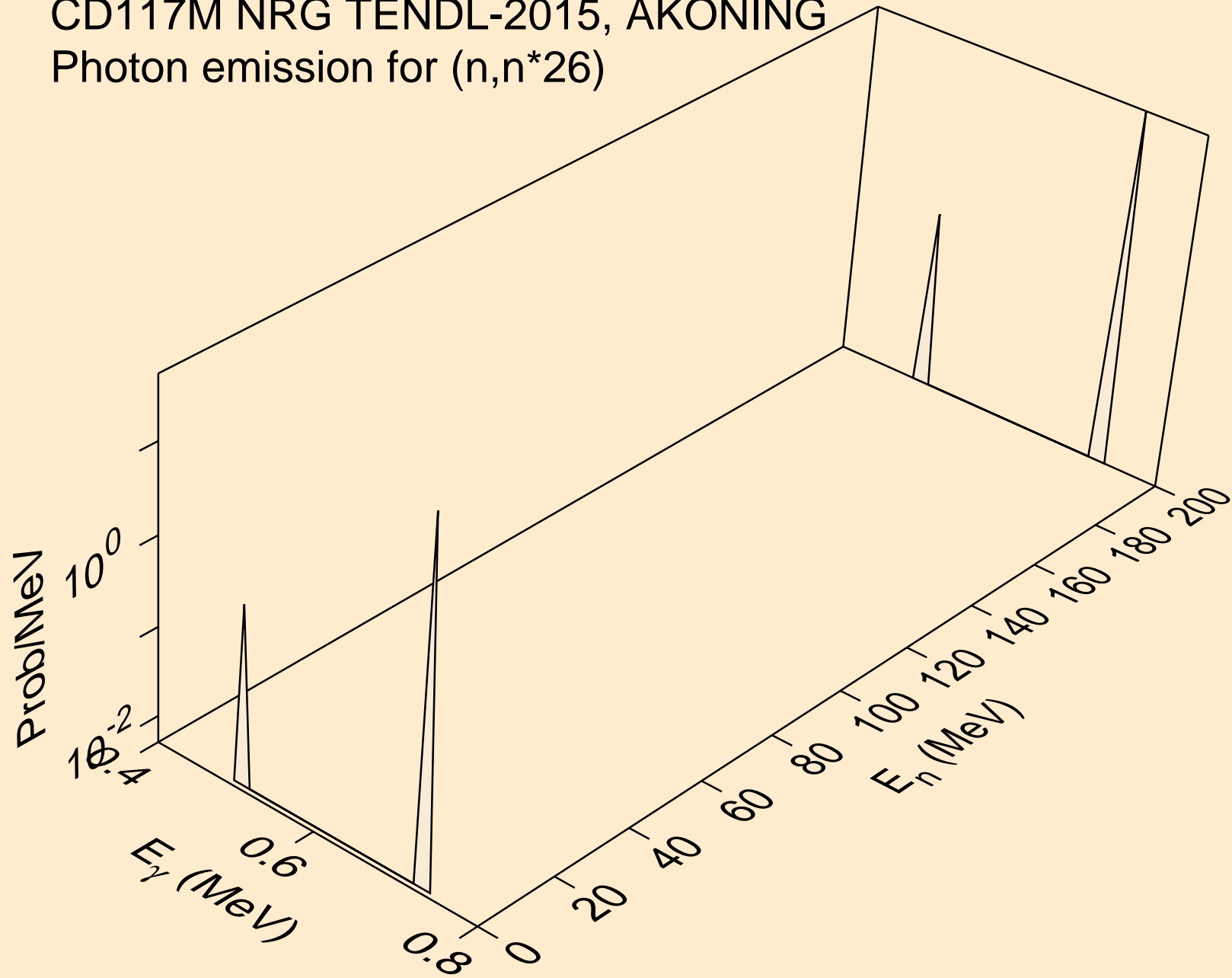
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Photon emission for (n,n\*24)



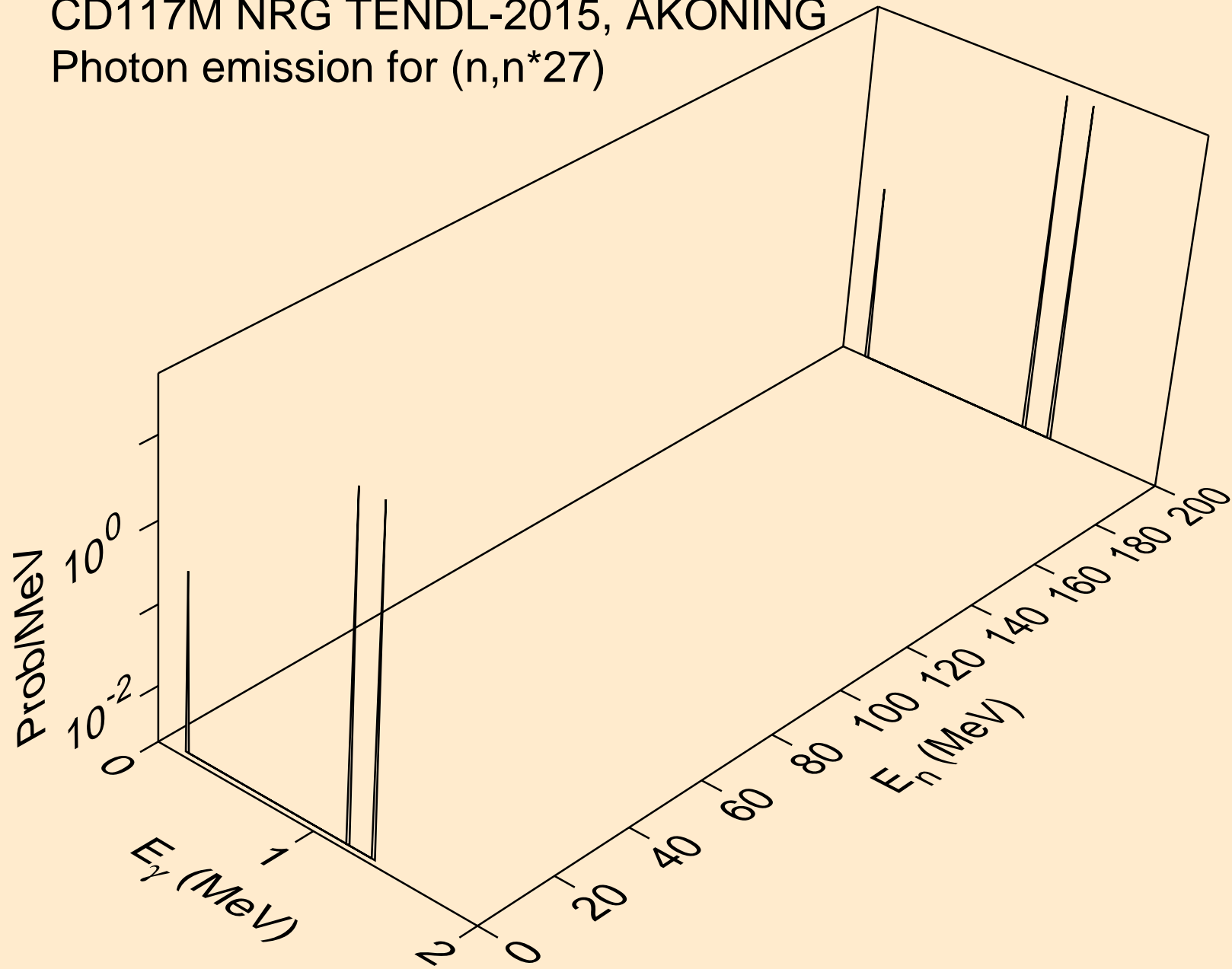
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)



CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)

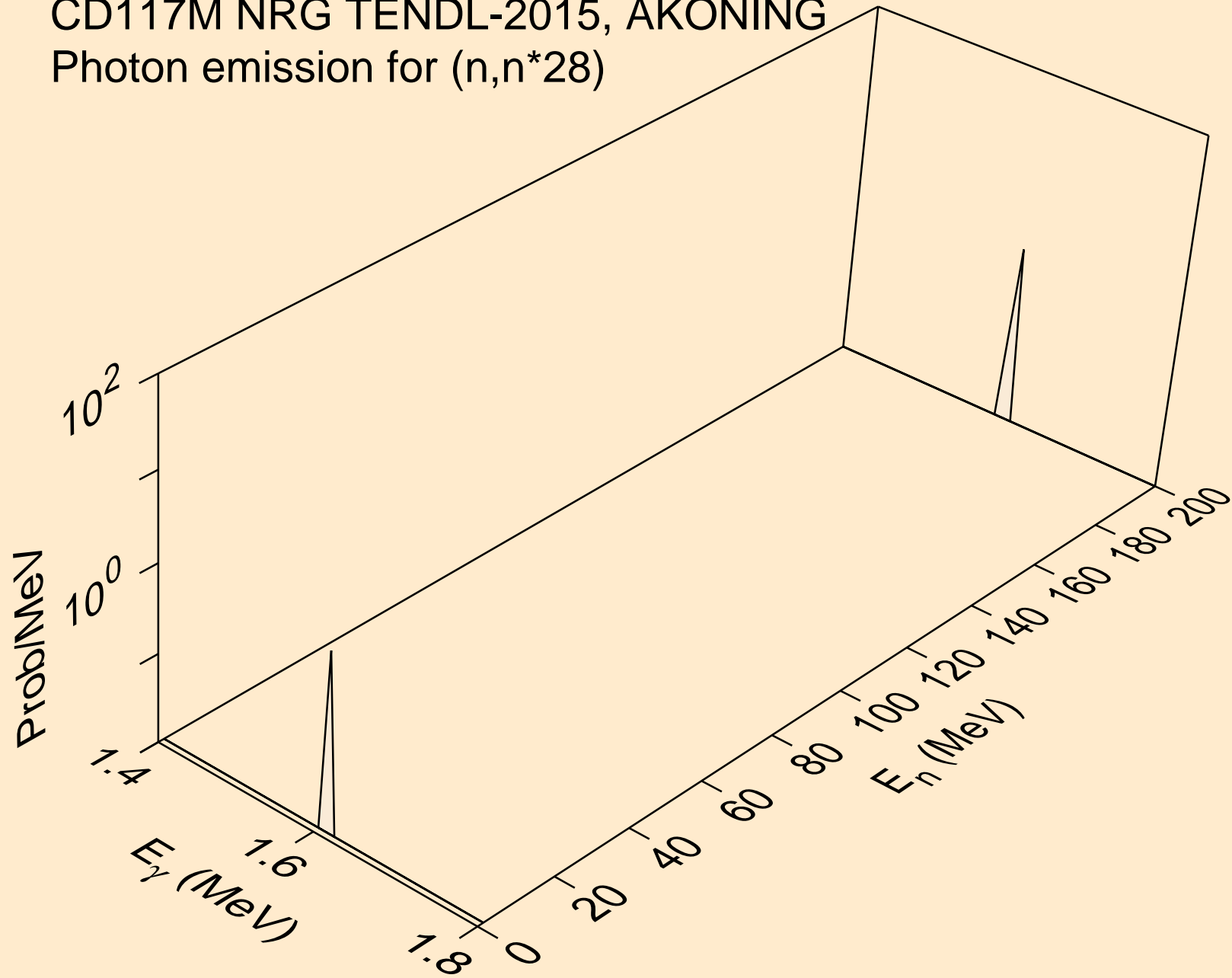


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Photon emission for (n,n\*27)

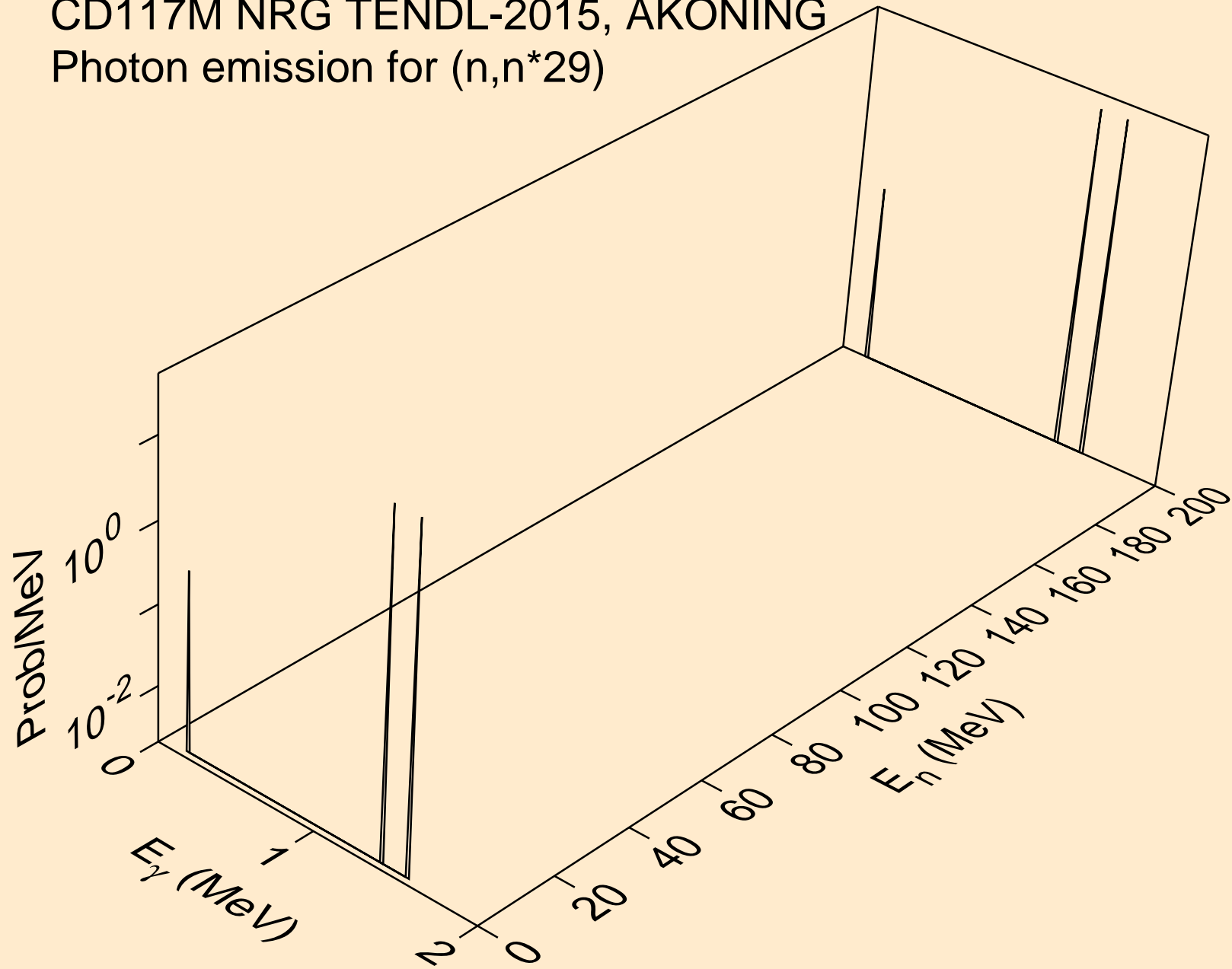




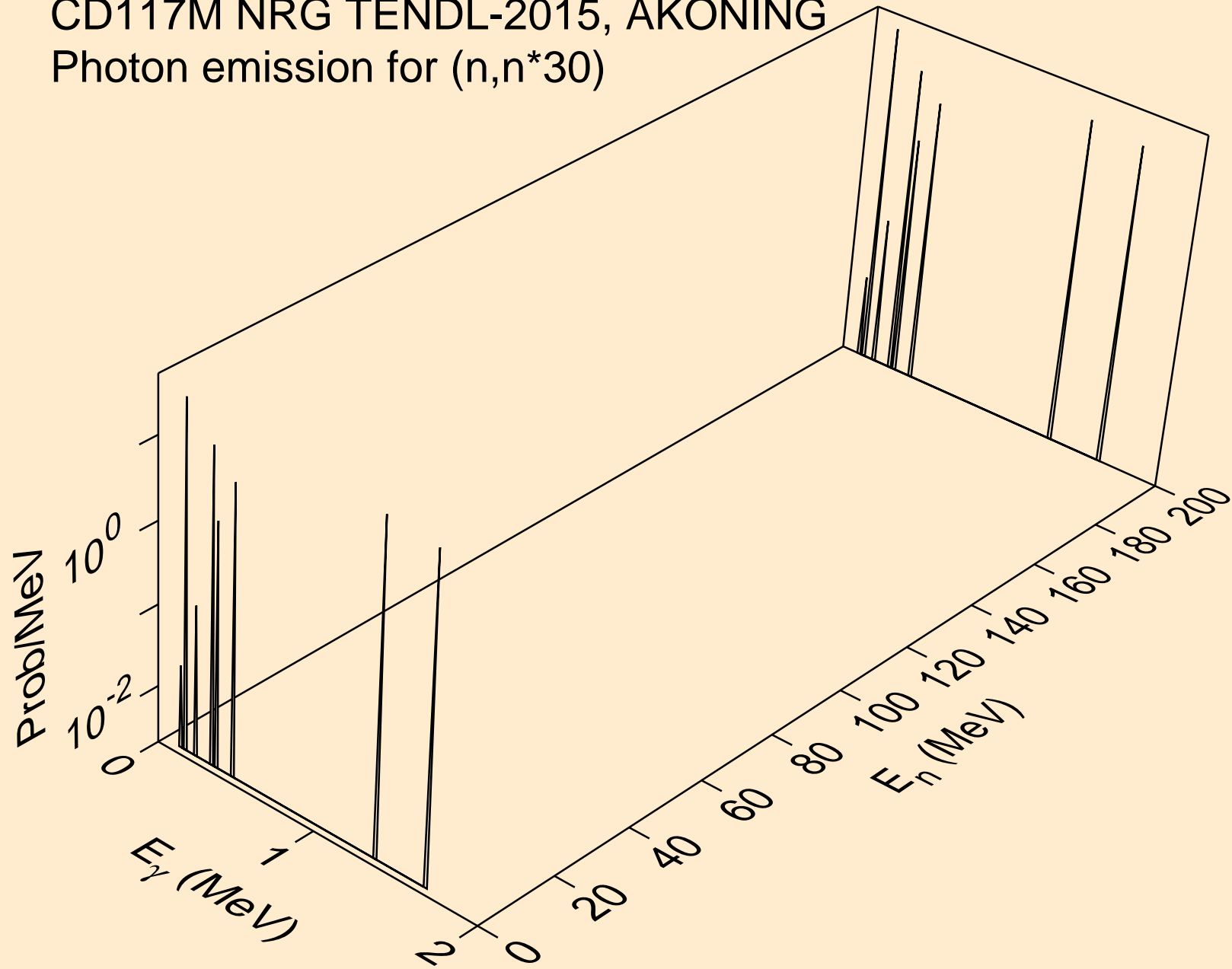
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Photon emission for (n,n\*28)



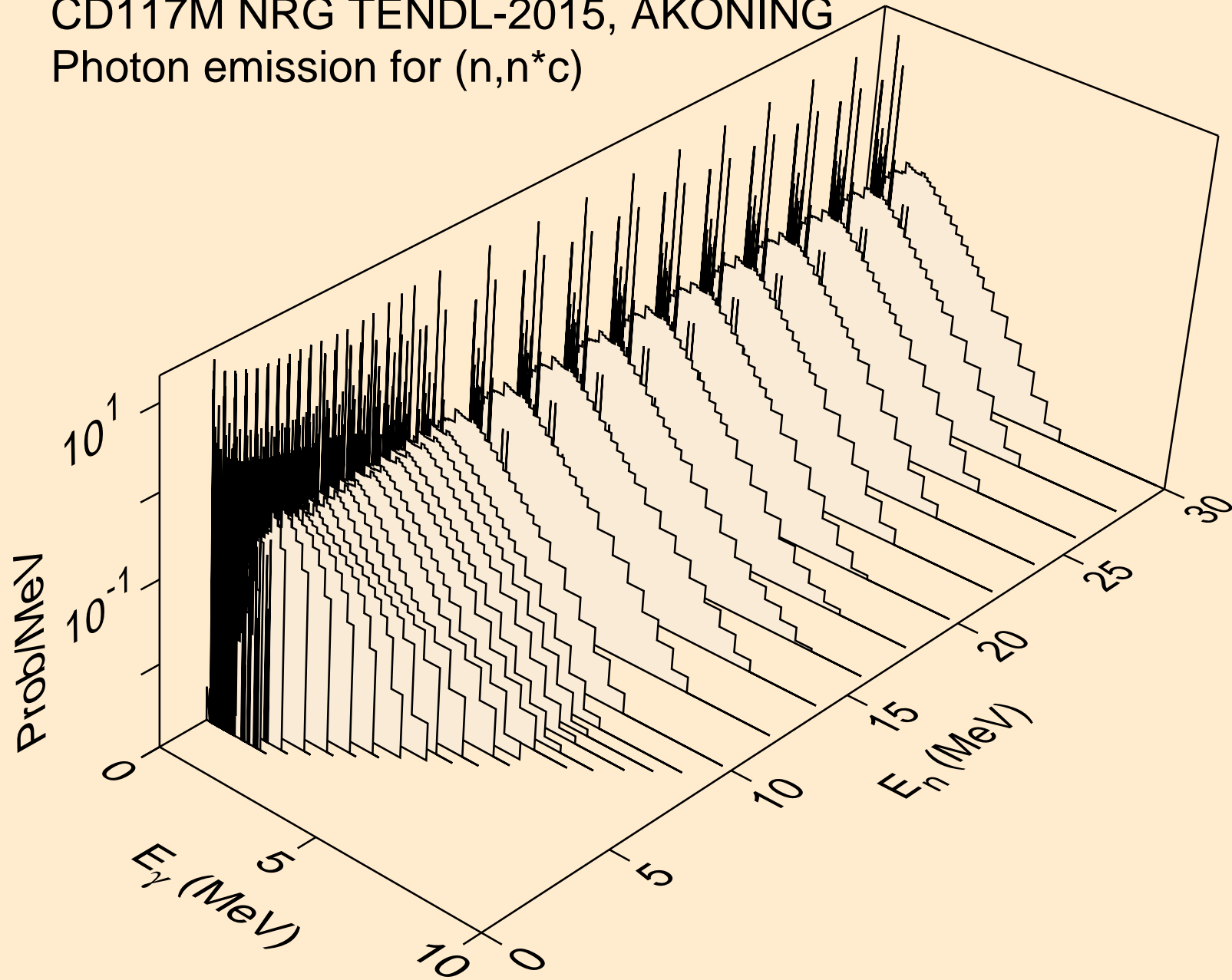
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Photon emission for (n,n\*29)



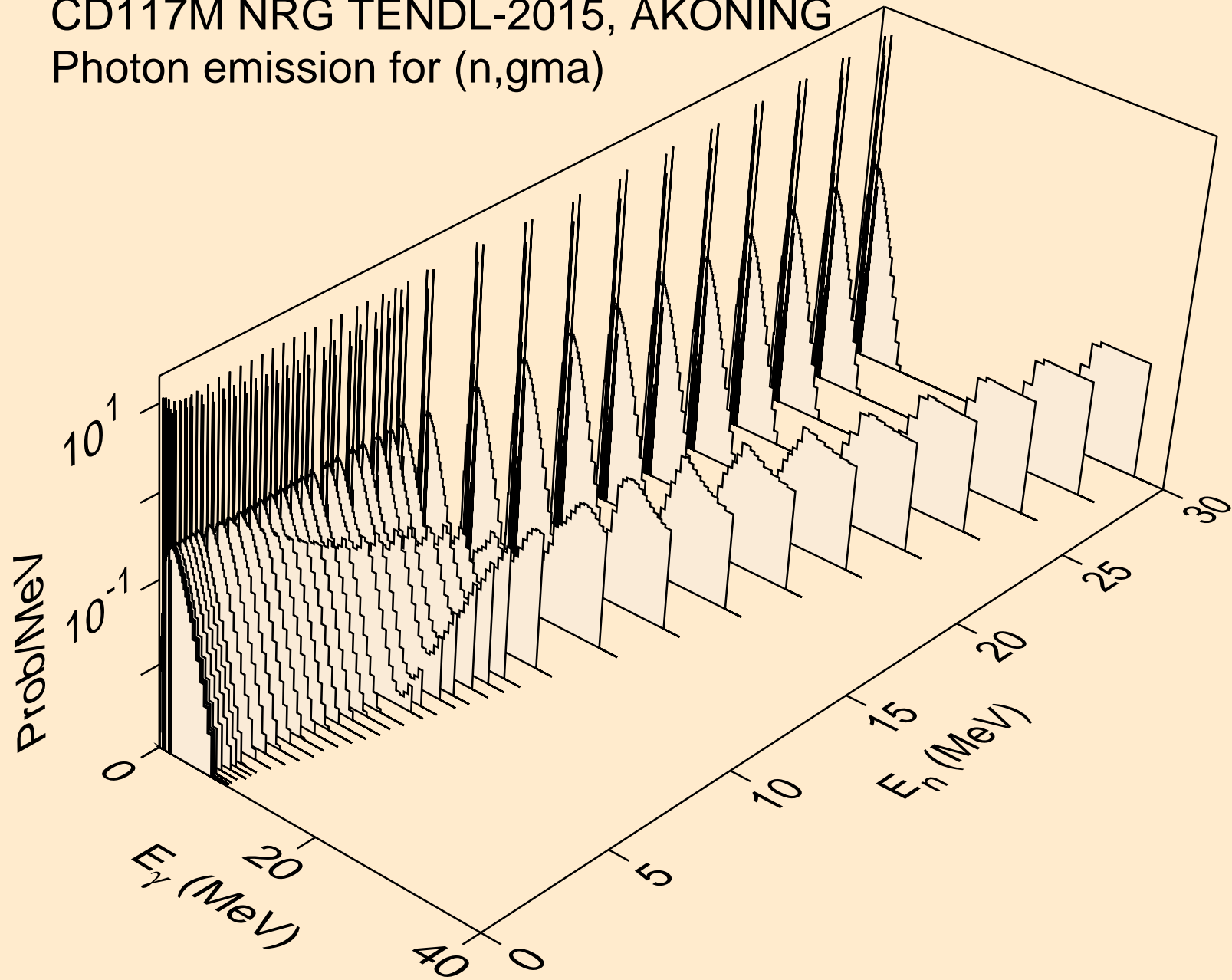
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Photon emission for (n,n\*30)



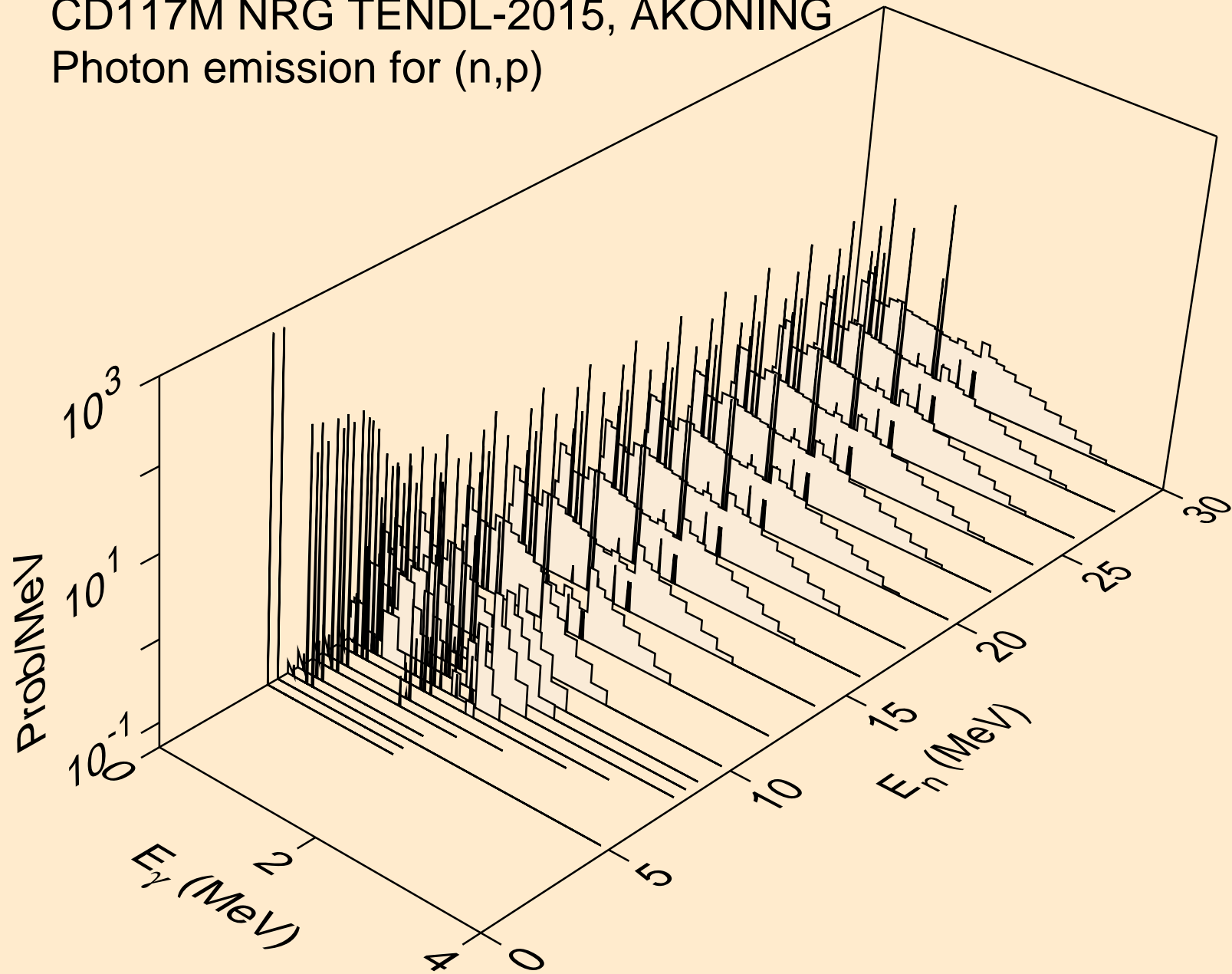
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Photon emission for (n,n\*c)



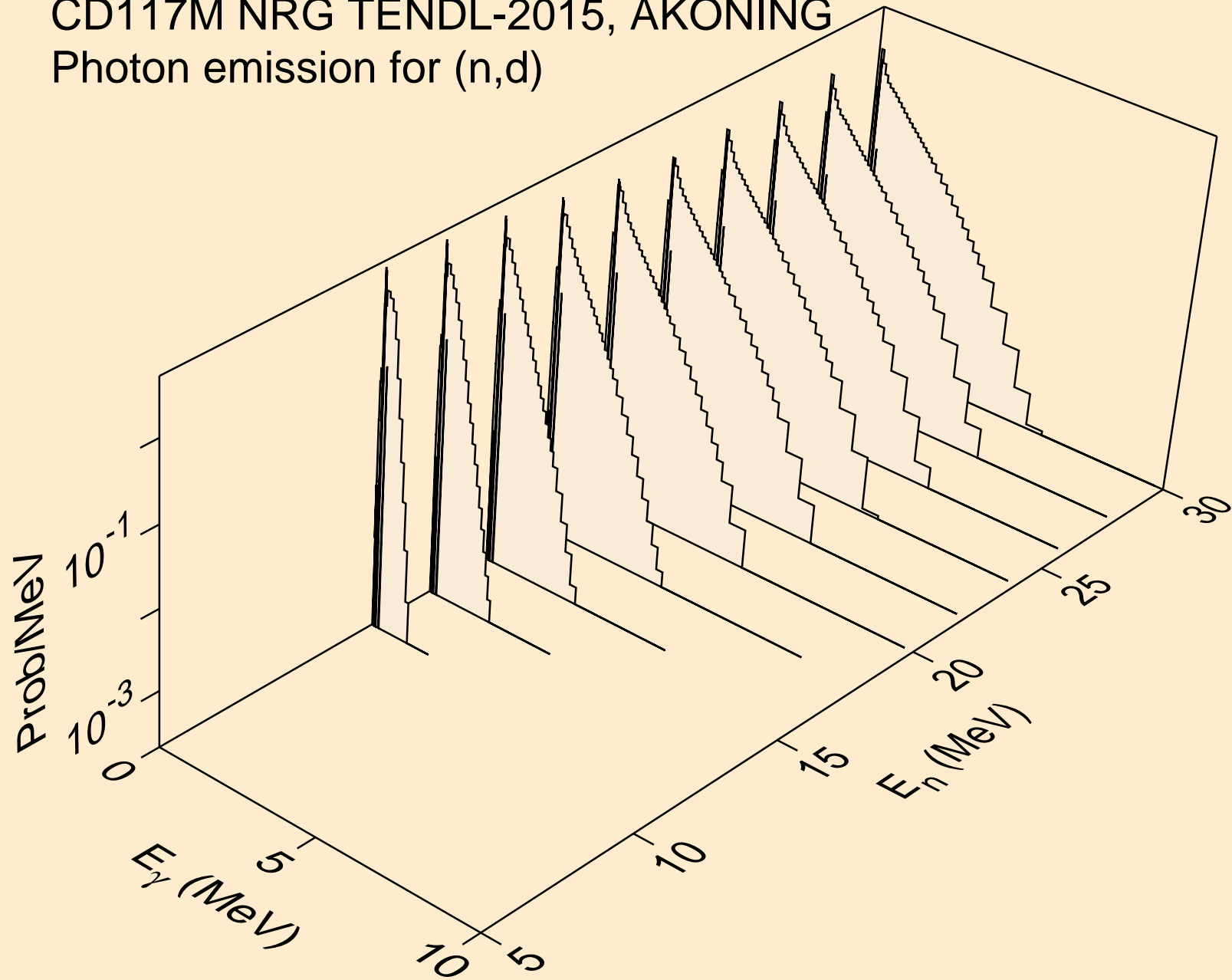
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Photon emission for (n,gma)



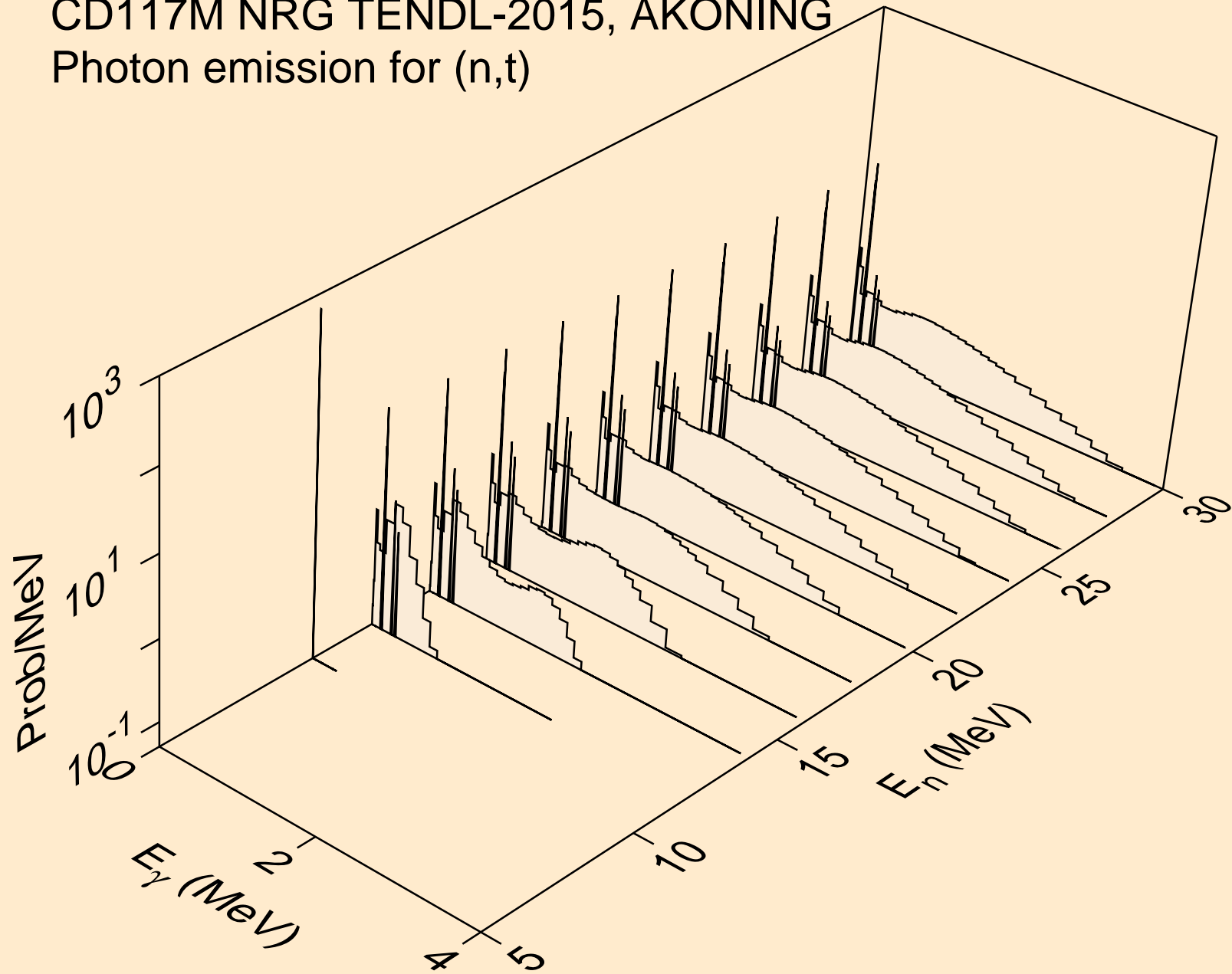
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,d)

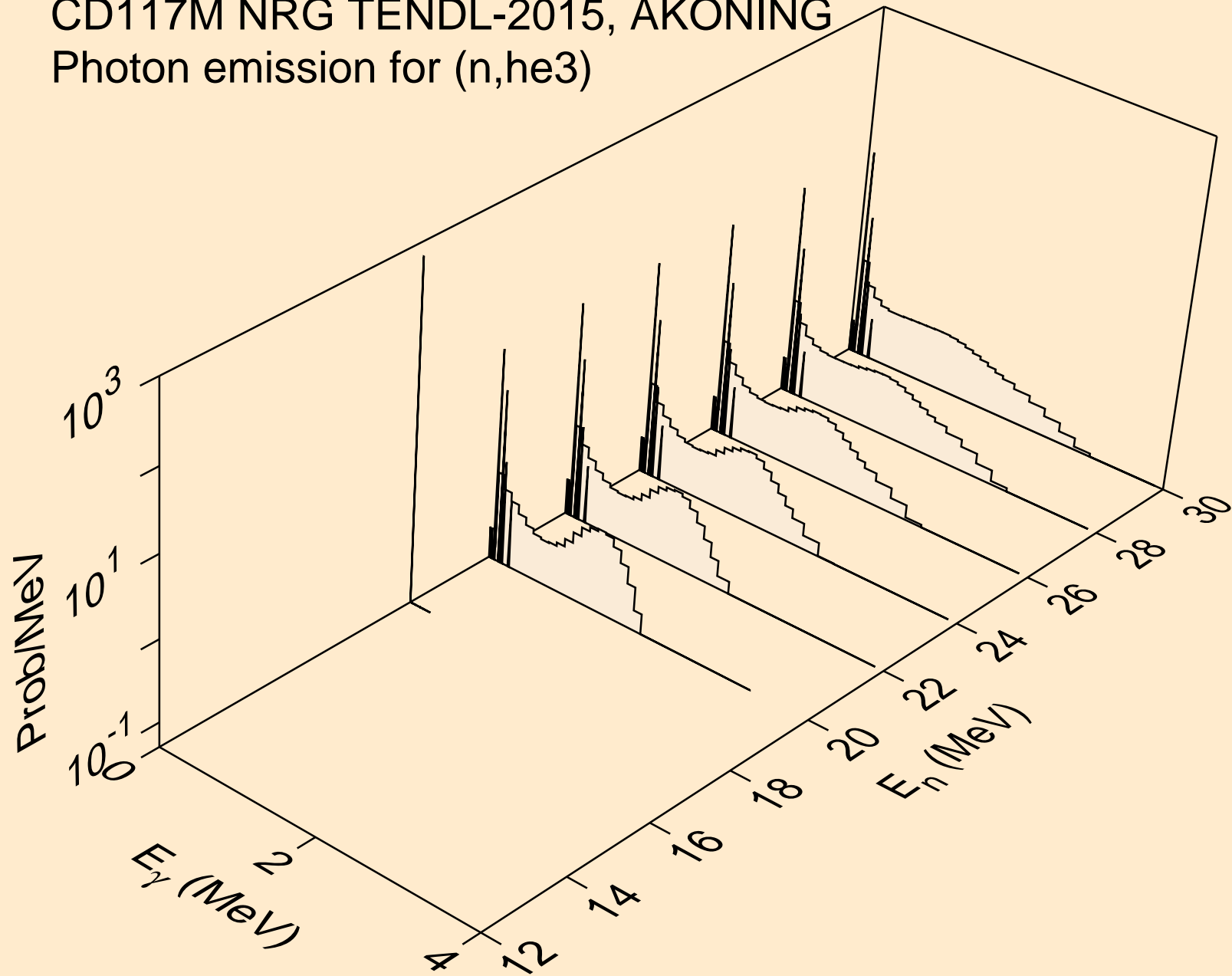


CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,t)

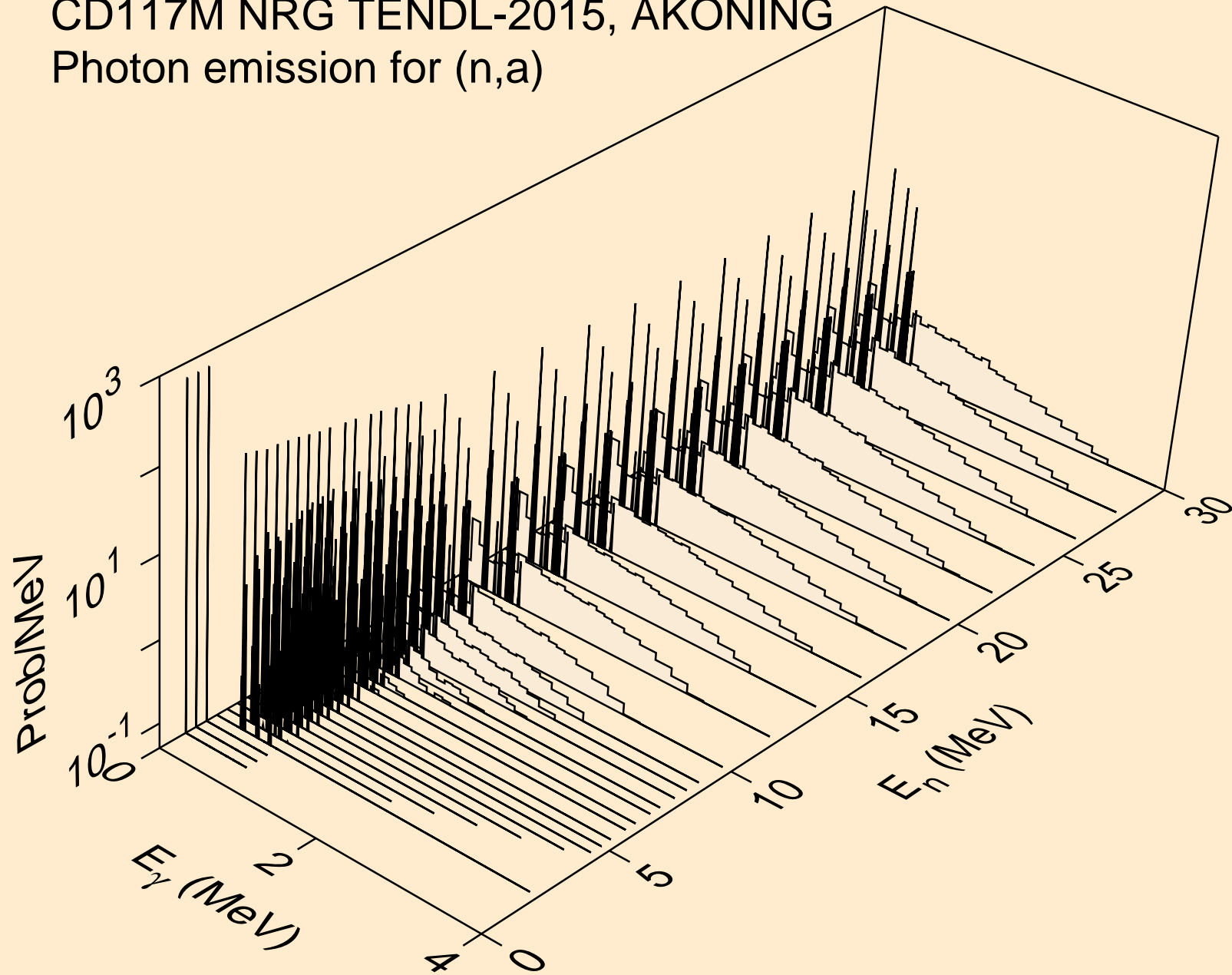




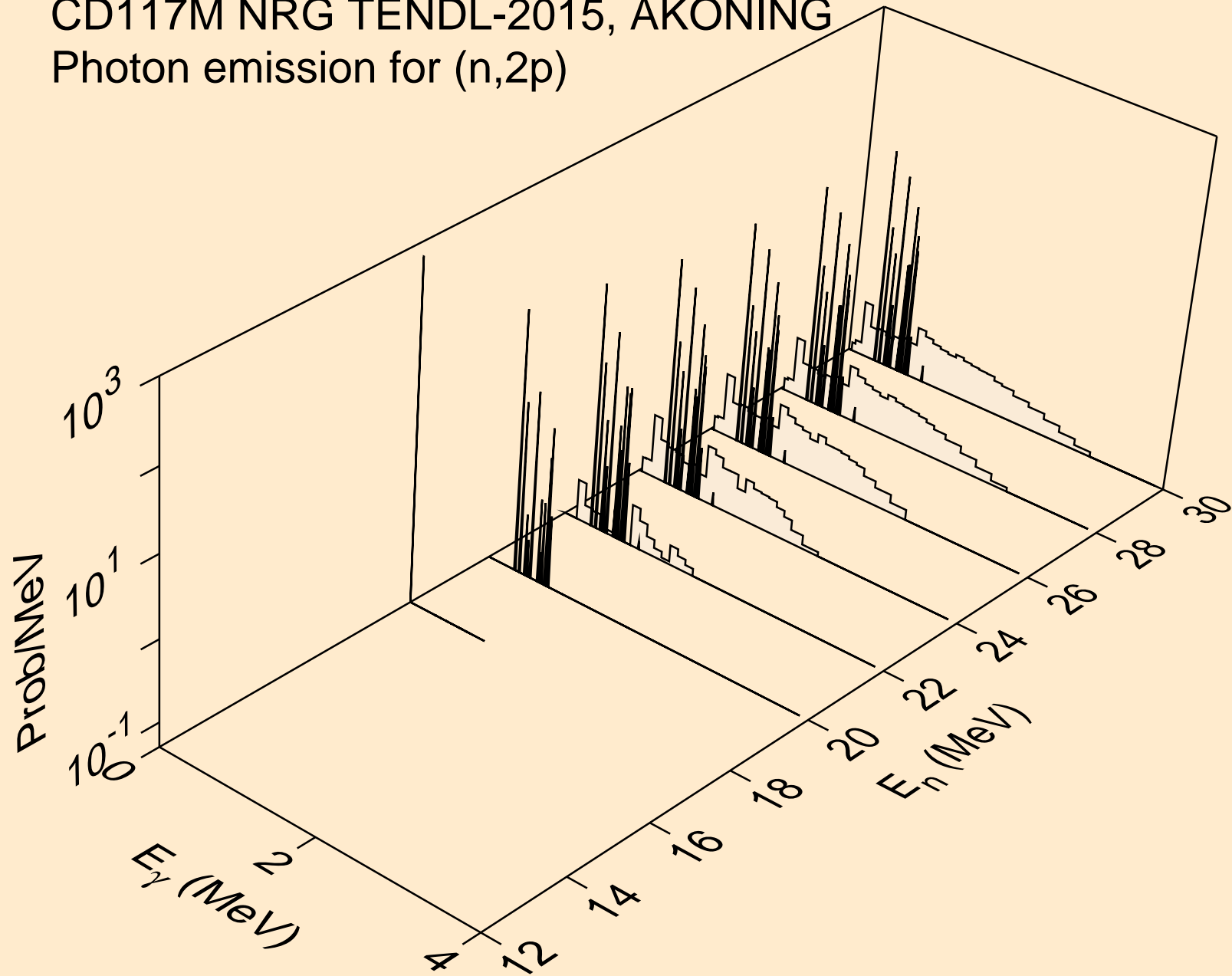
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



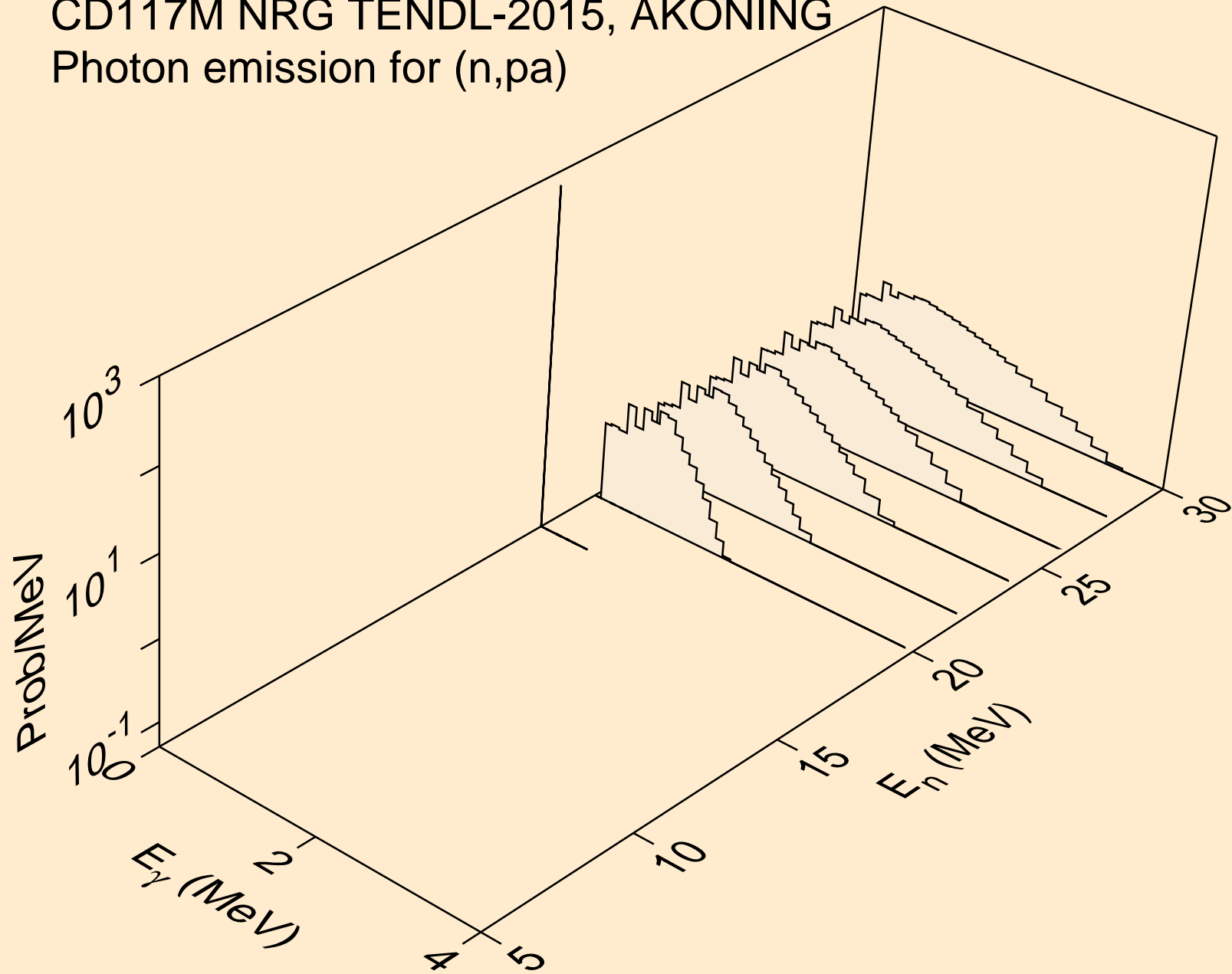
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Photon emission for (n,a)



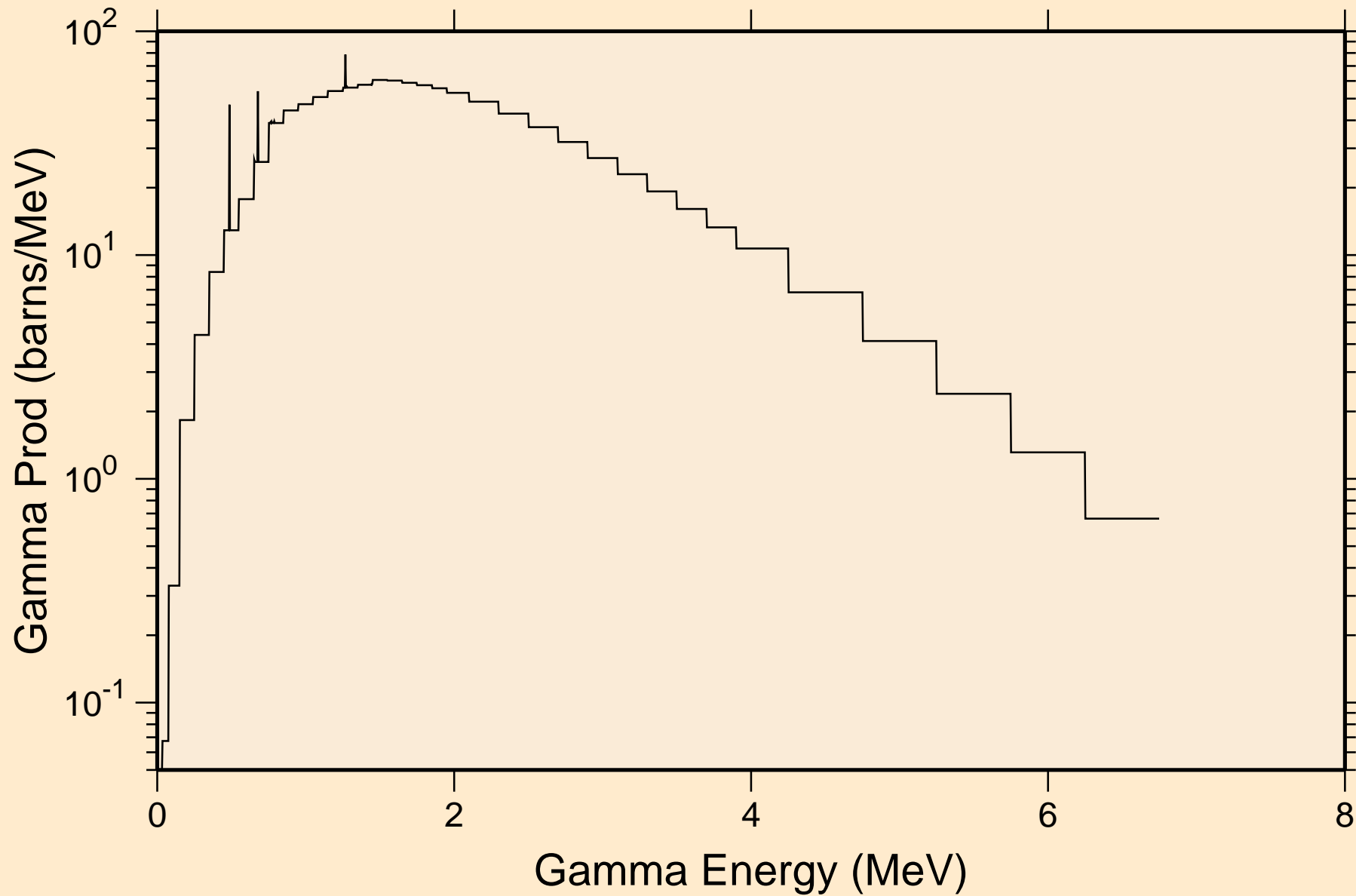
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



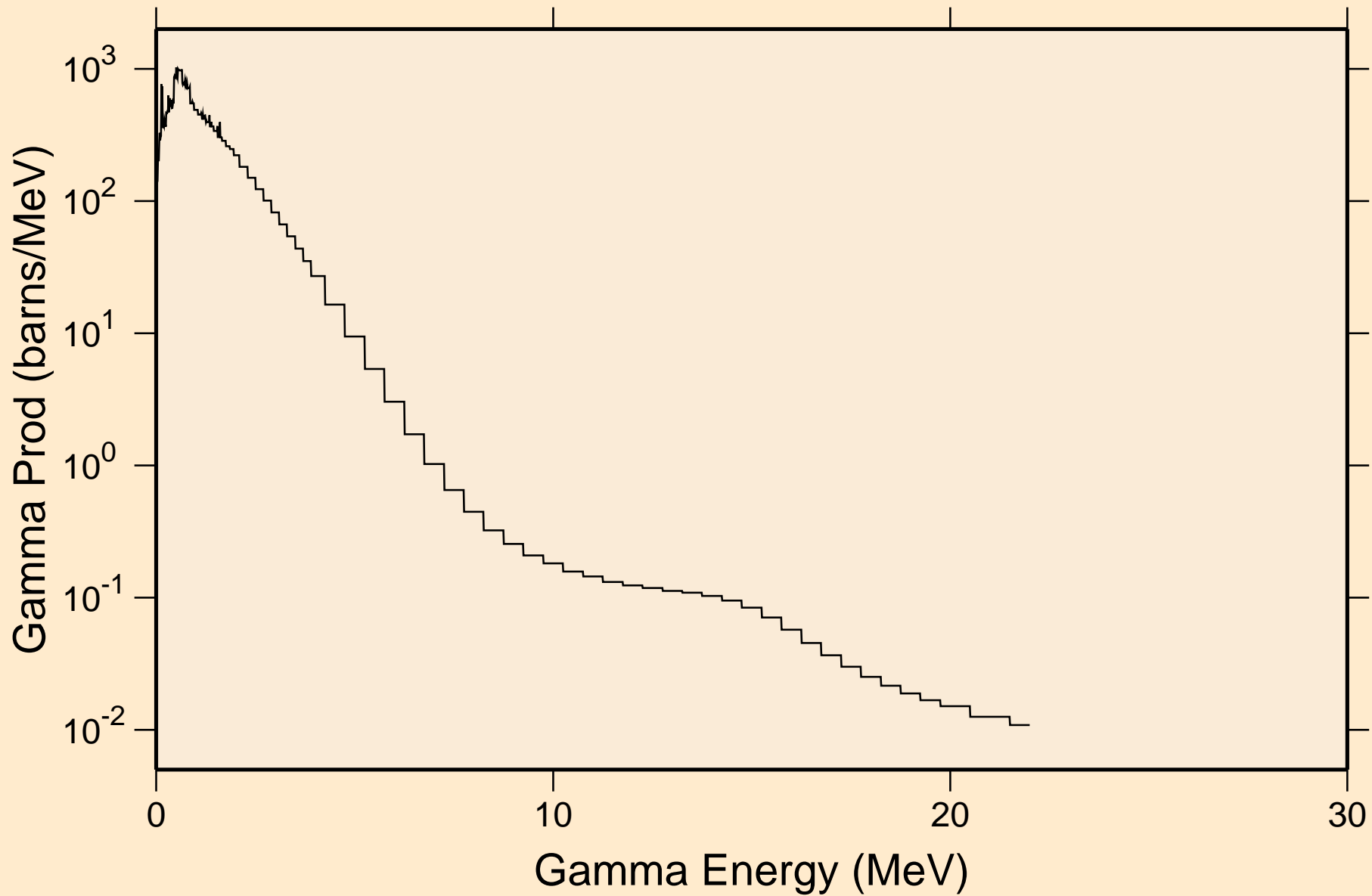
CD117M NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



CD117M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

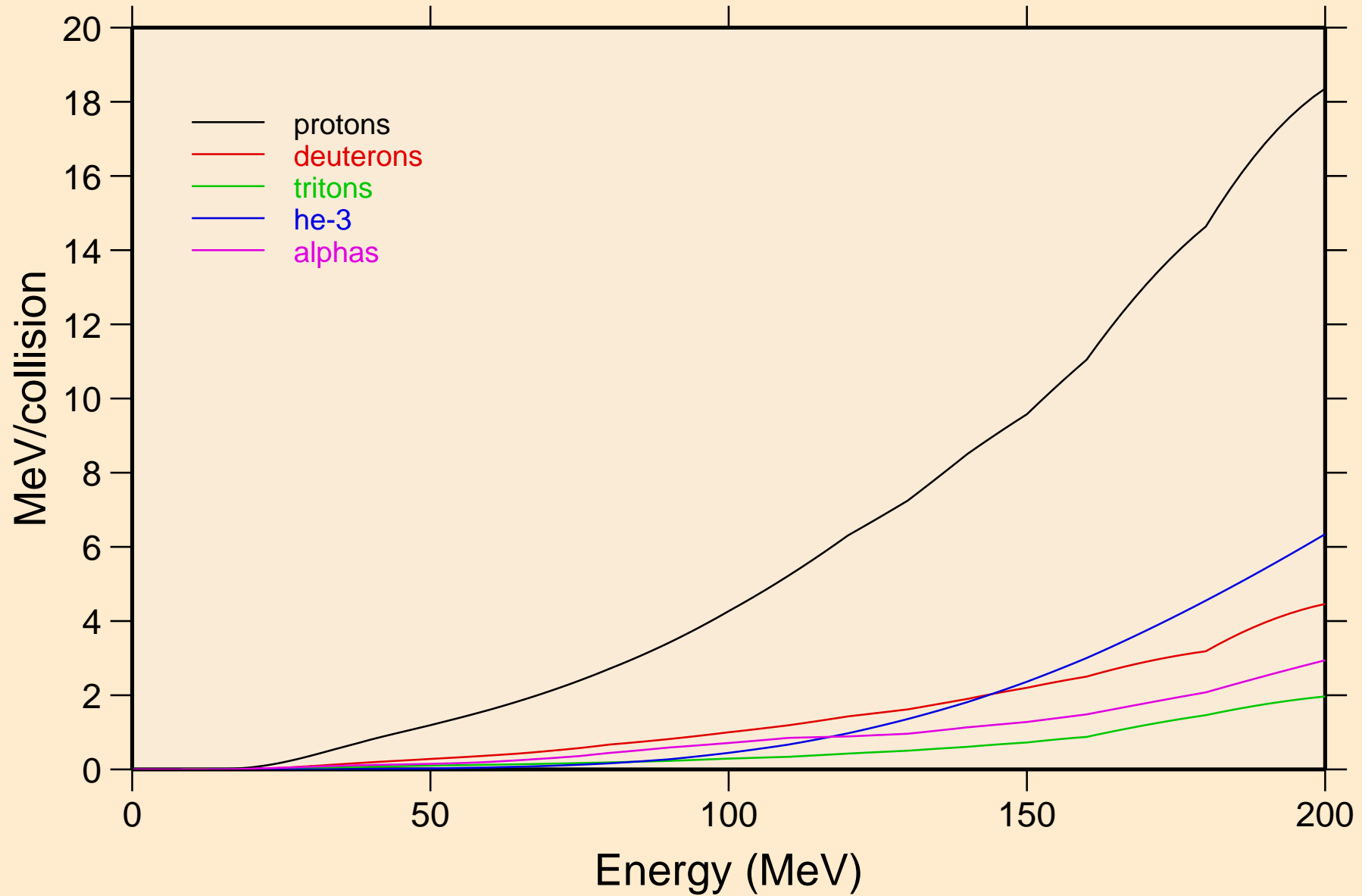


CD117M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



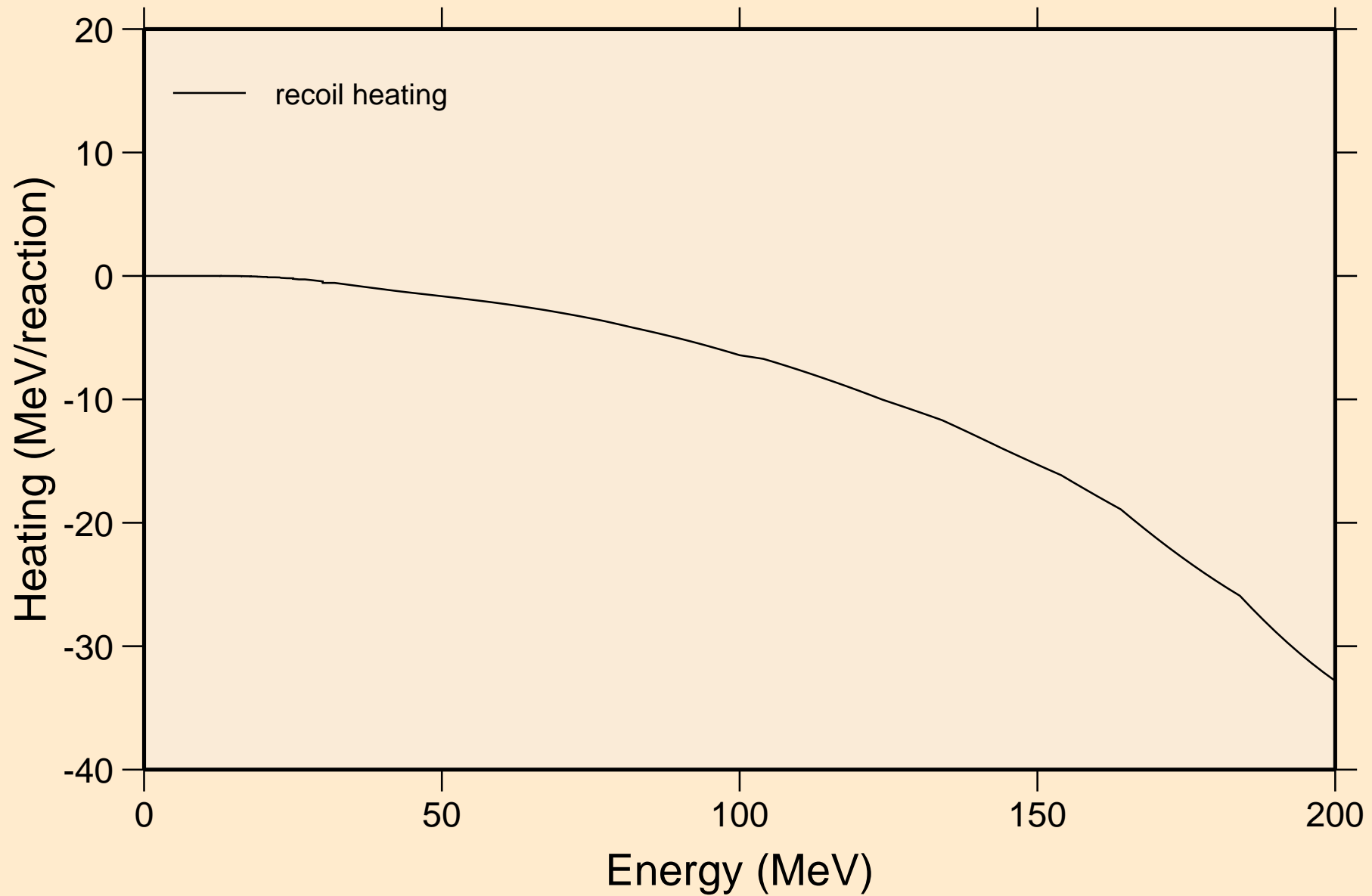
# CD117M NRG TENDL-2015, AKONING

## Particle heating contributions



# CD117M NRG TENDL-2015, AKONING

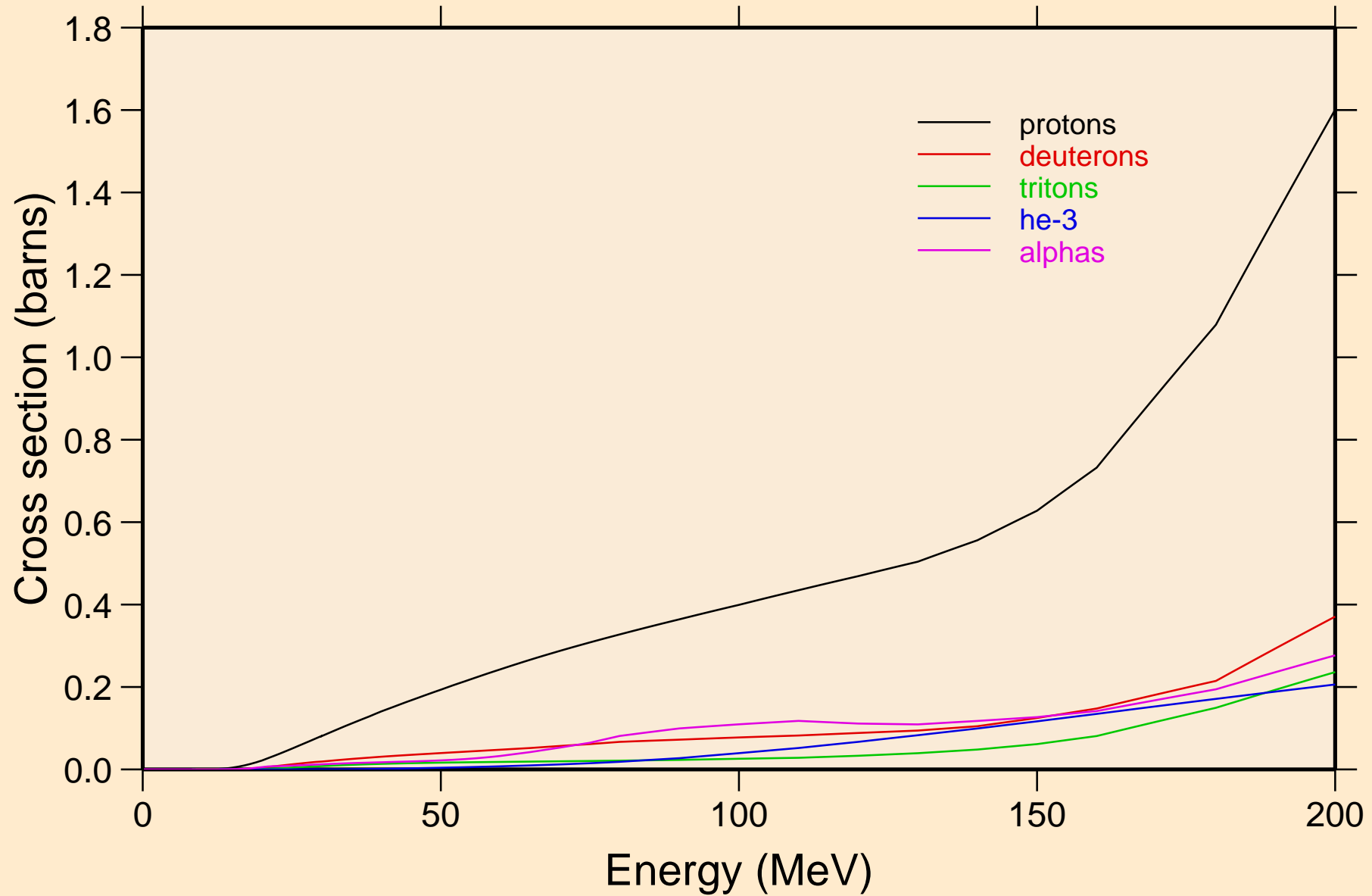
## Recoil Heating



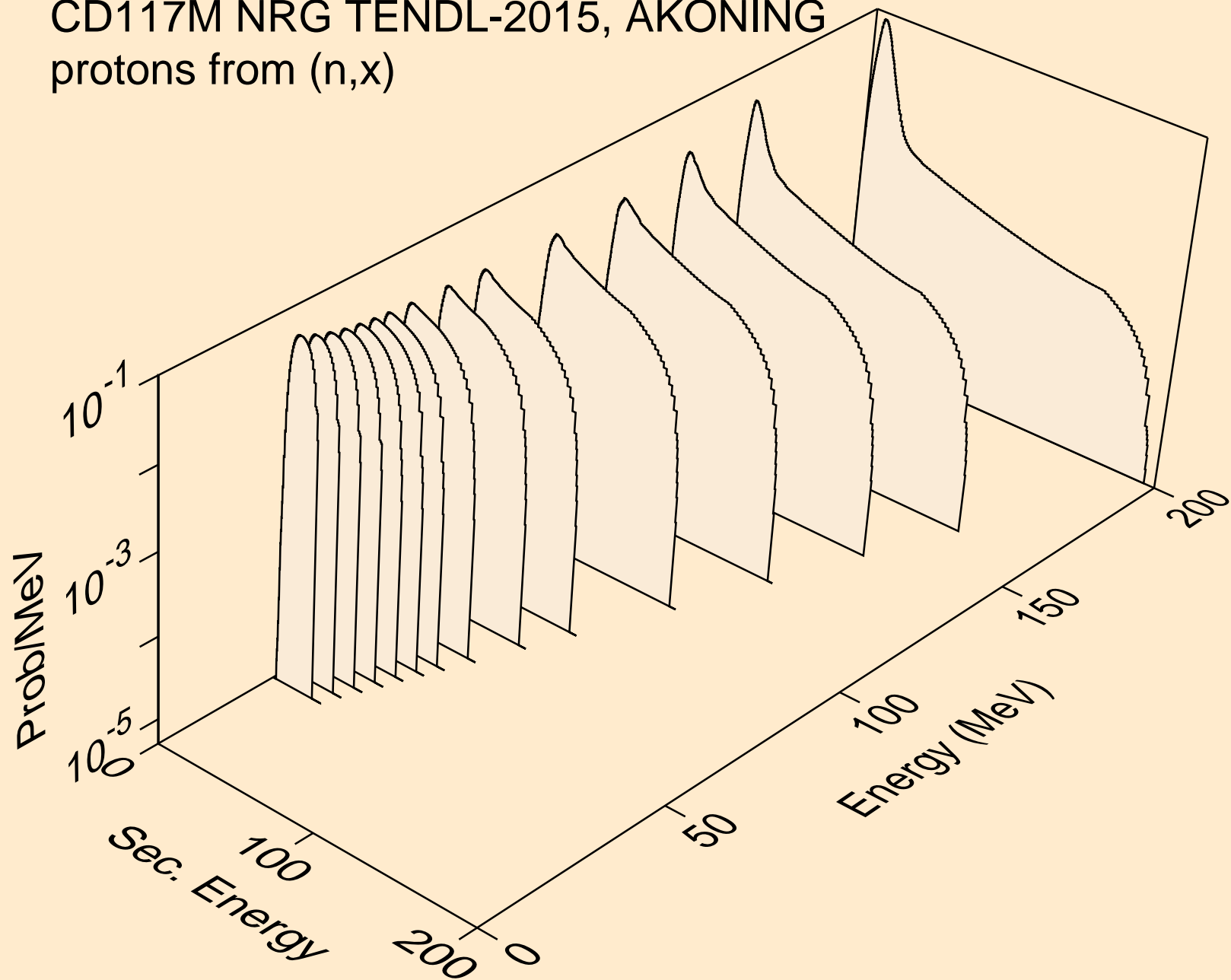


# CD117M NRG TENDL-2015, AKONING

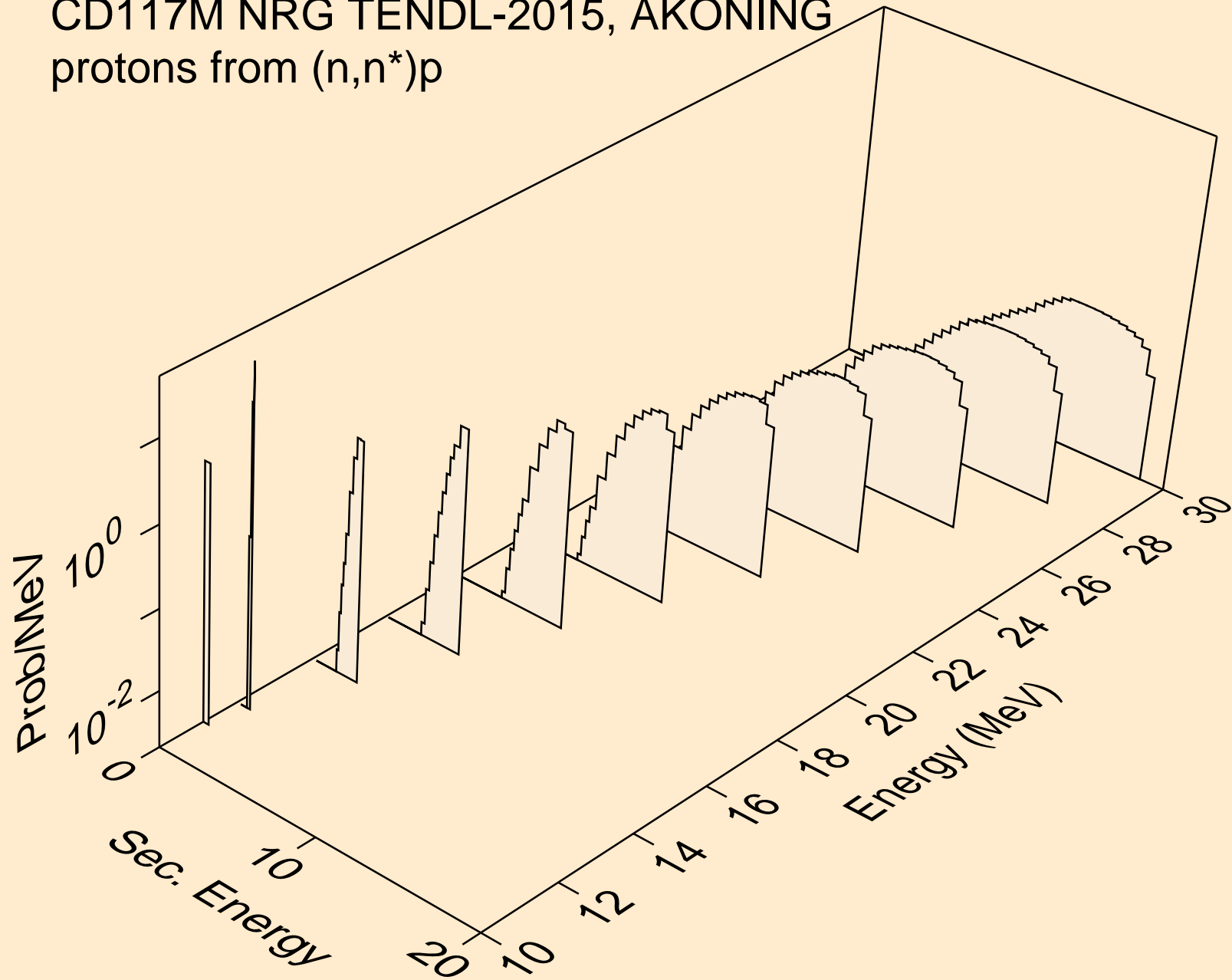
## Particle production cross sections



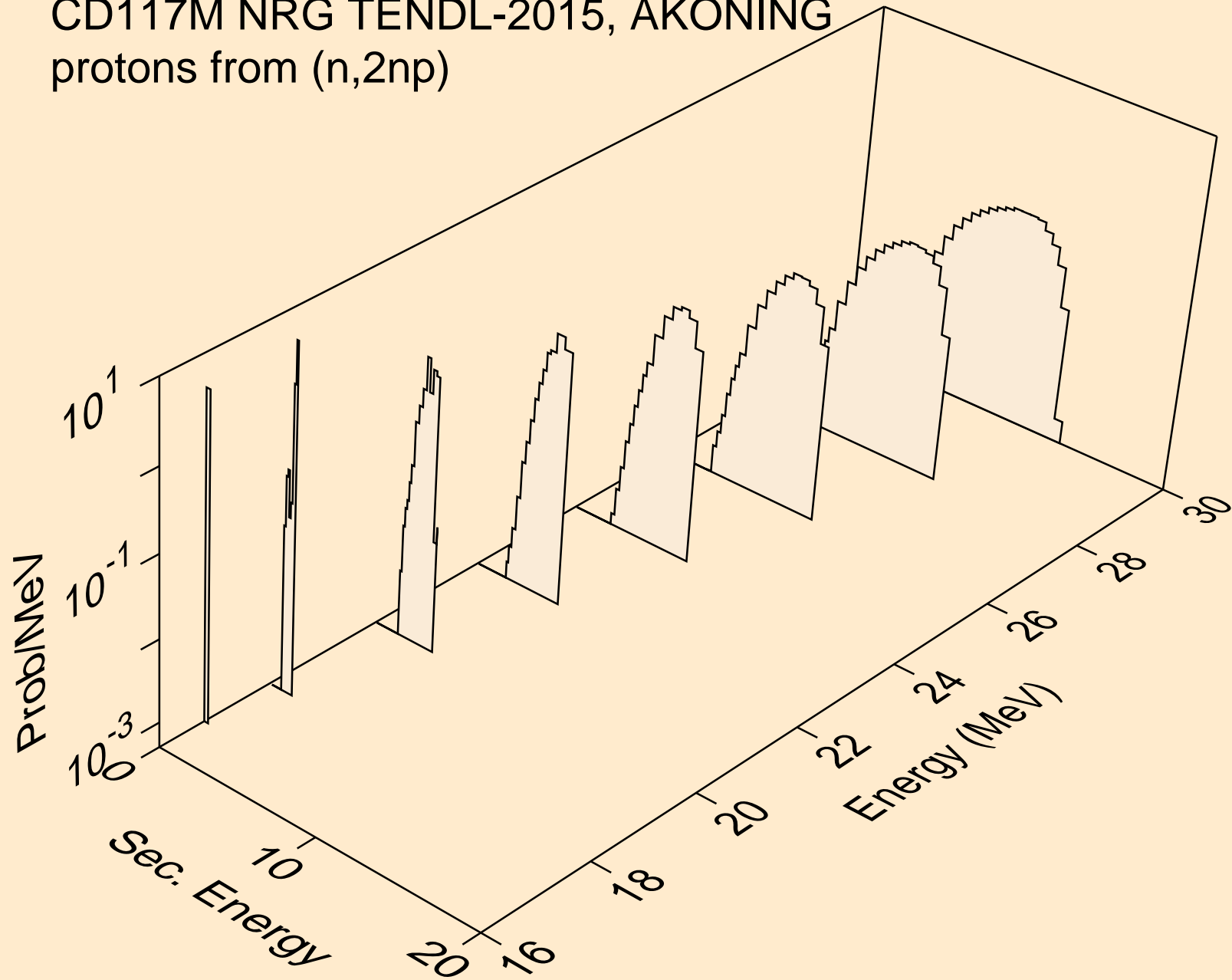
CD117M NRG TENDL-2015, AKONING  
protons from (n,x)



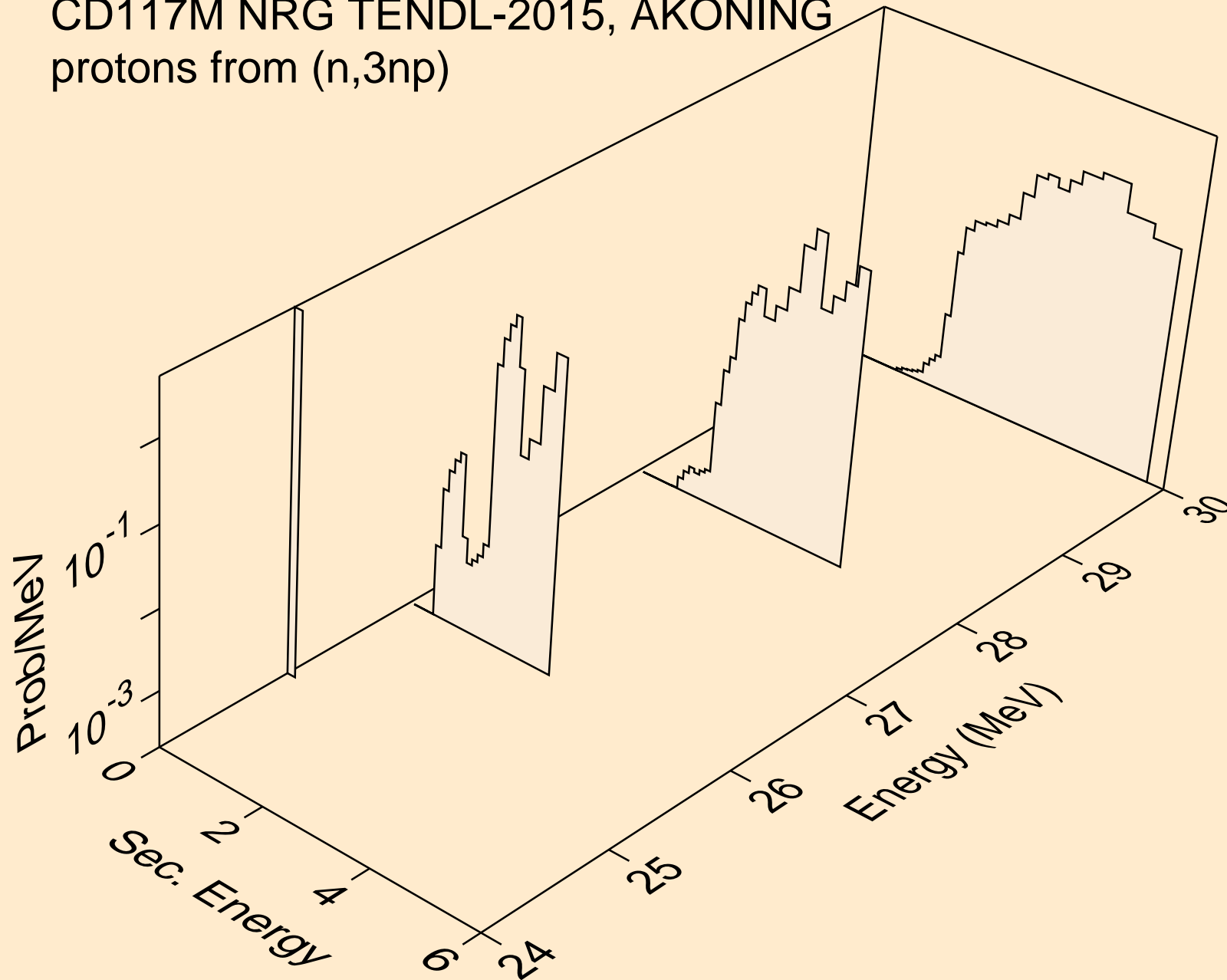
CD117M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



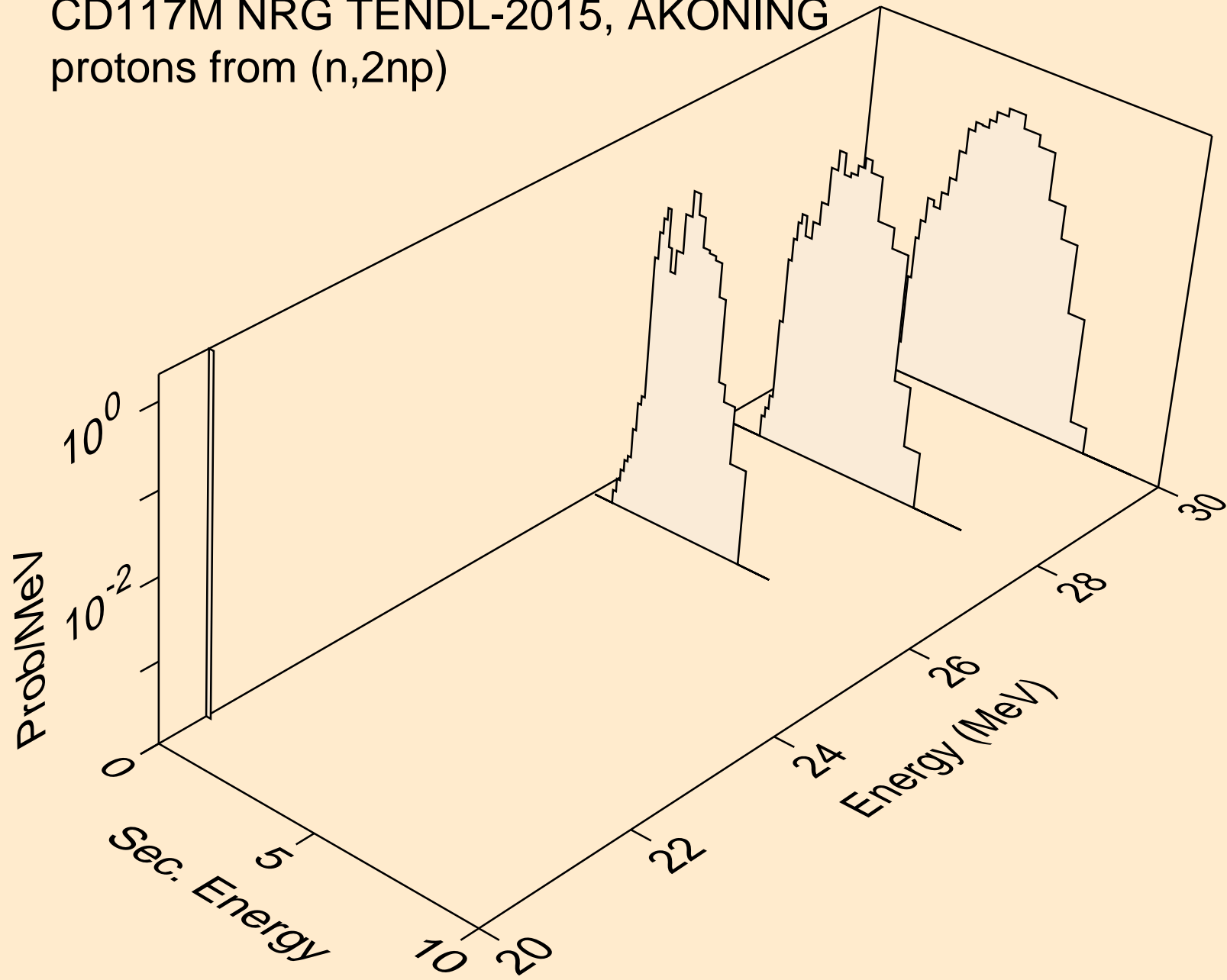
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protons from (n,2np)



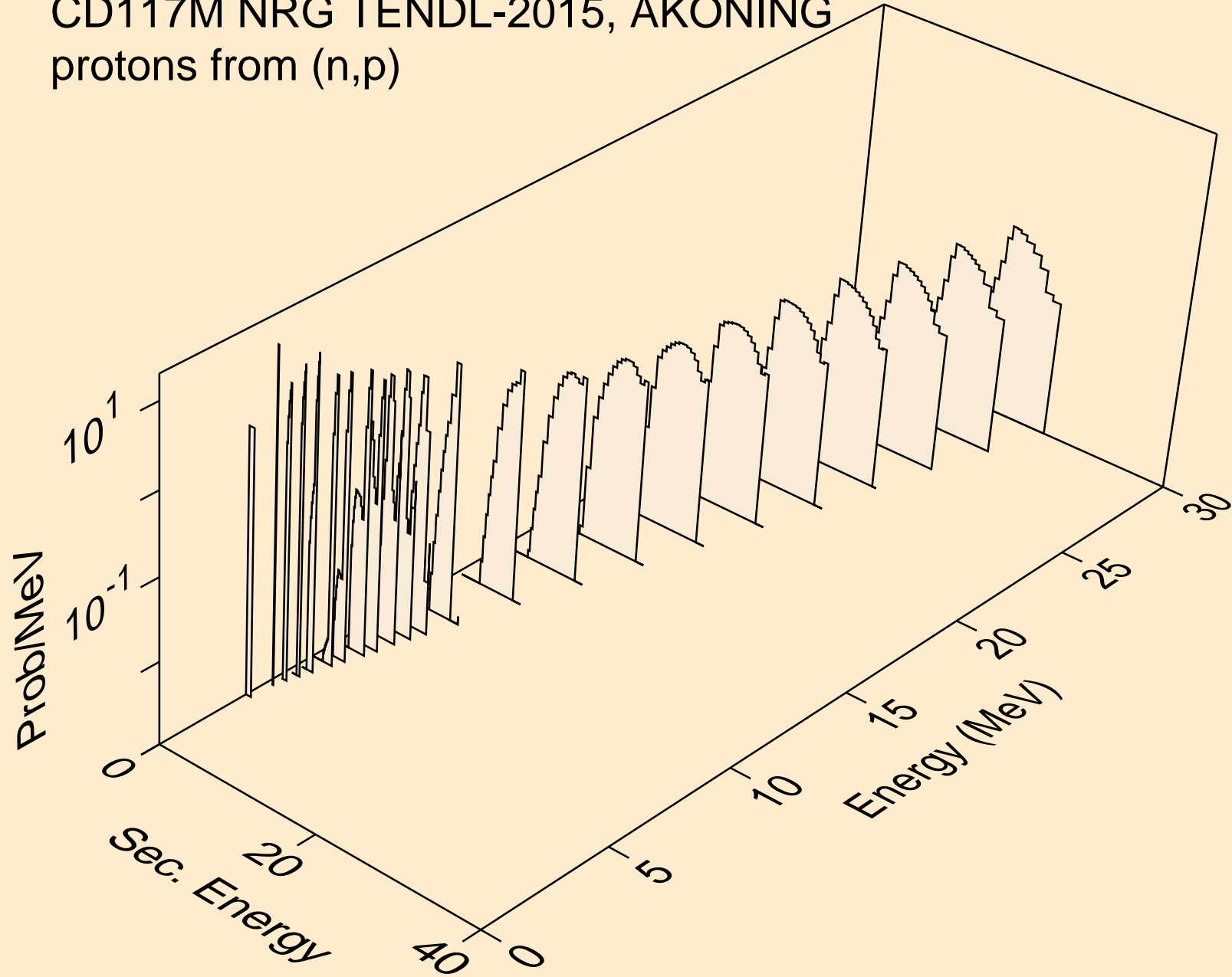
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protons from (n,3np)



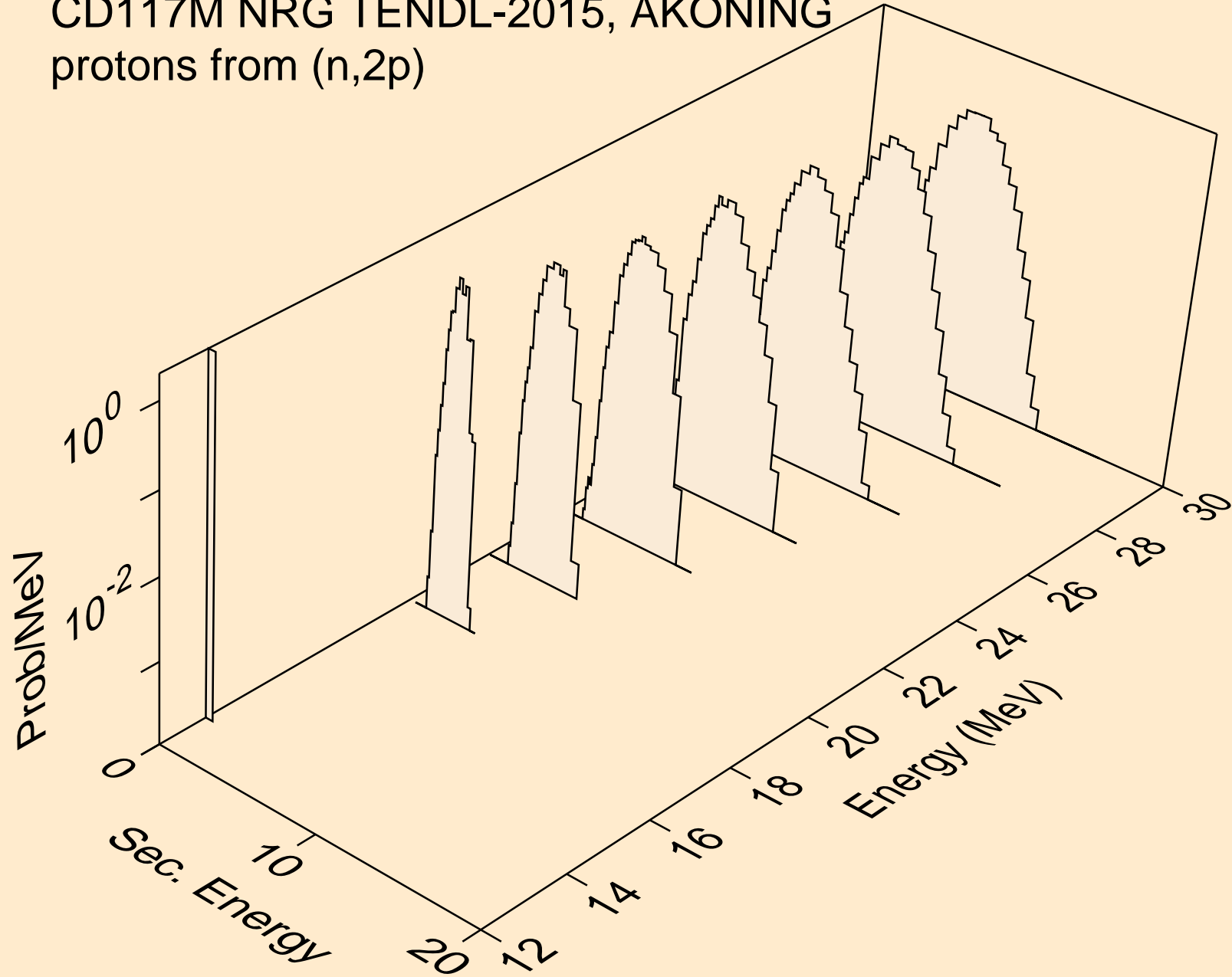
CD117M NRG TENDL-2015, AKONING  
protons from (n,2np)



CD117M NRG TENDL-2015, AKONING  
protons from (n,p)

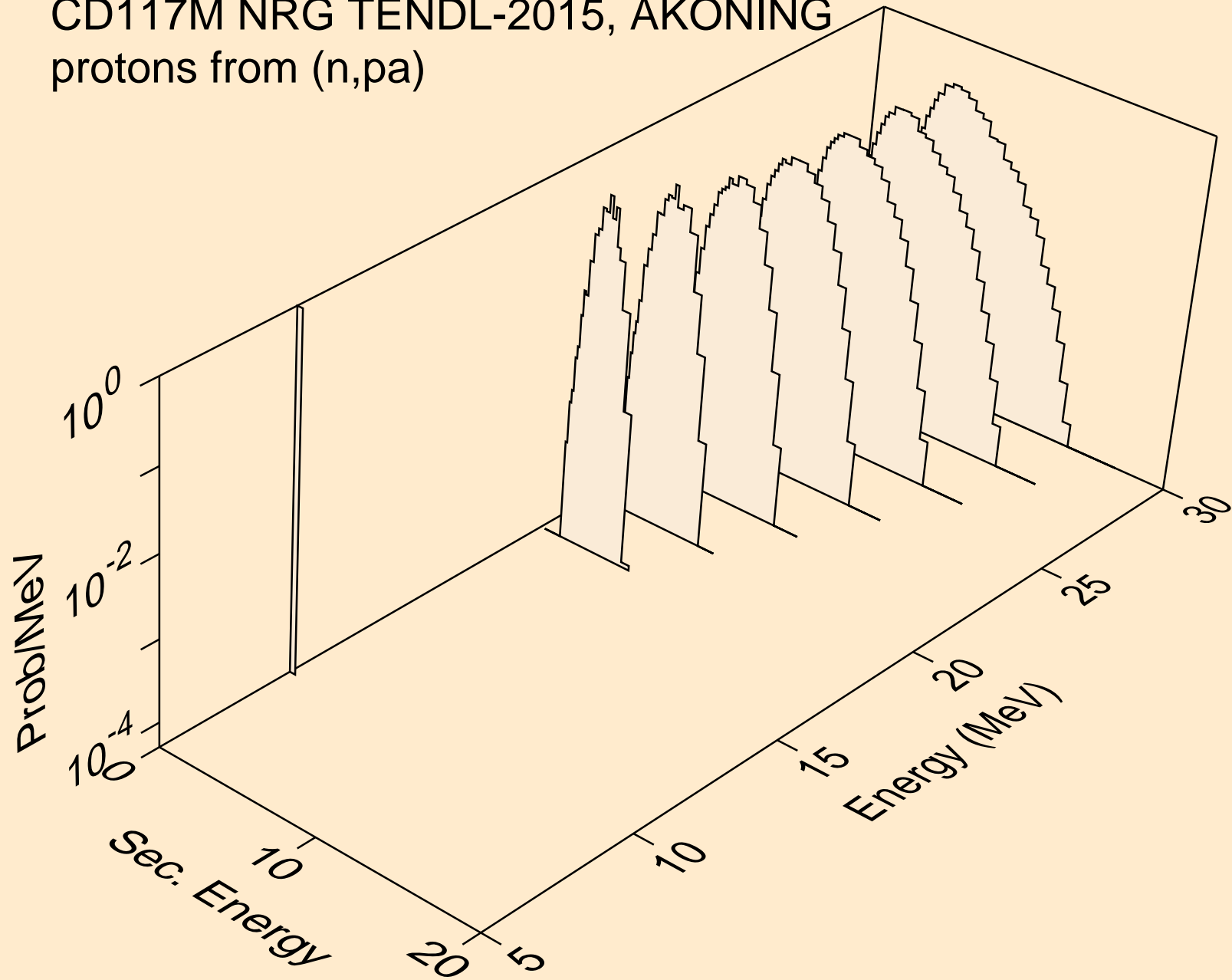


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protons from (n,2p)

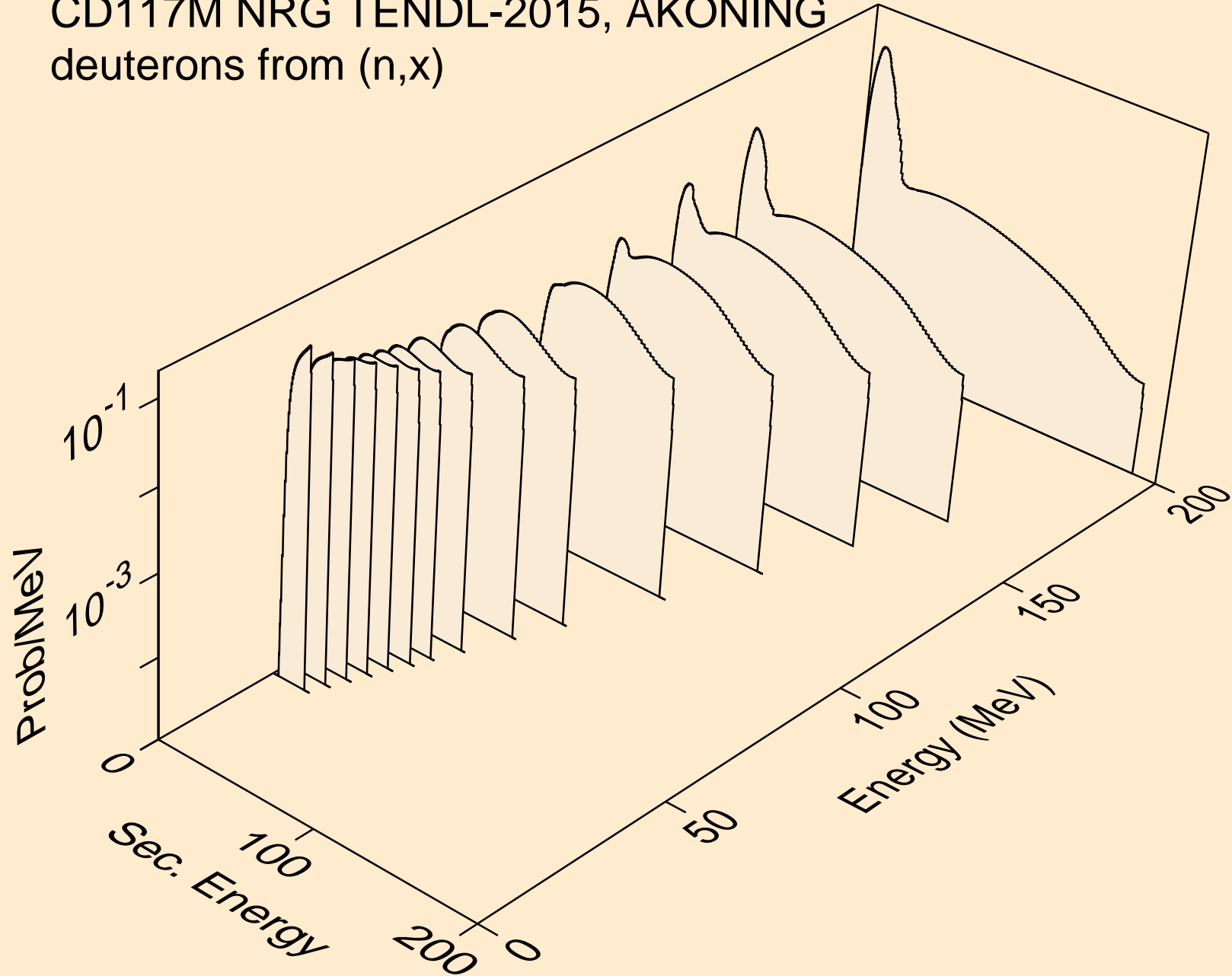




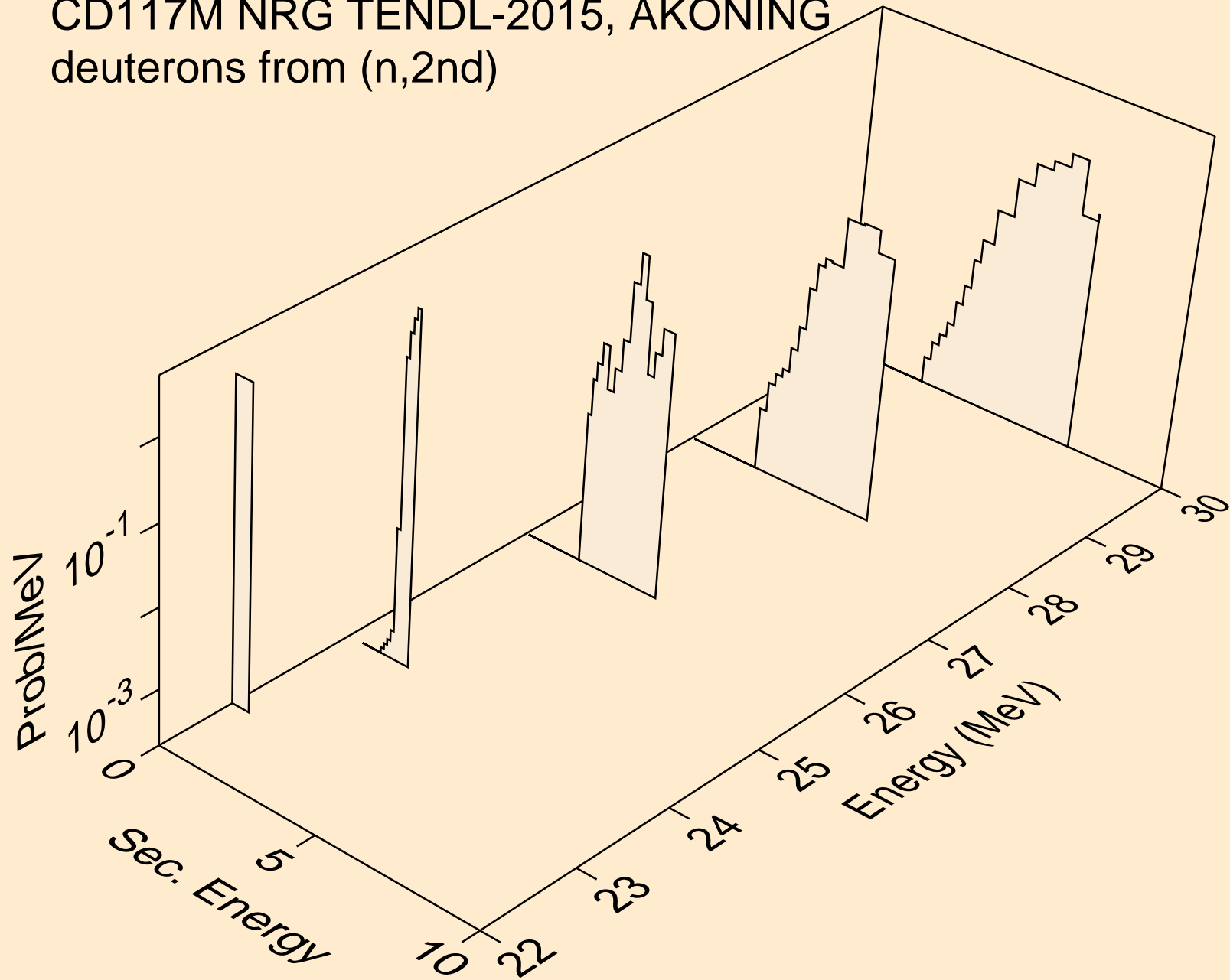
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protons from (n,pa)



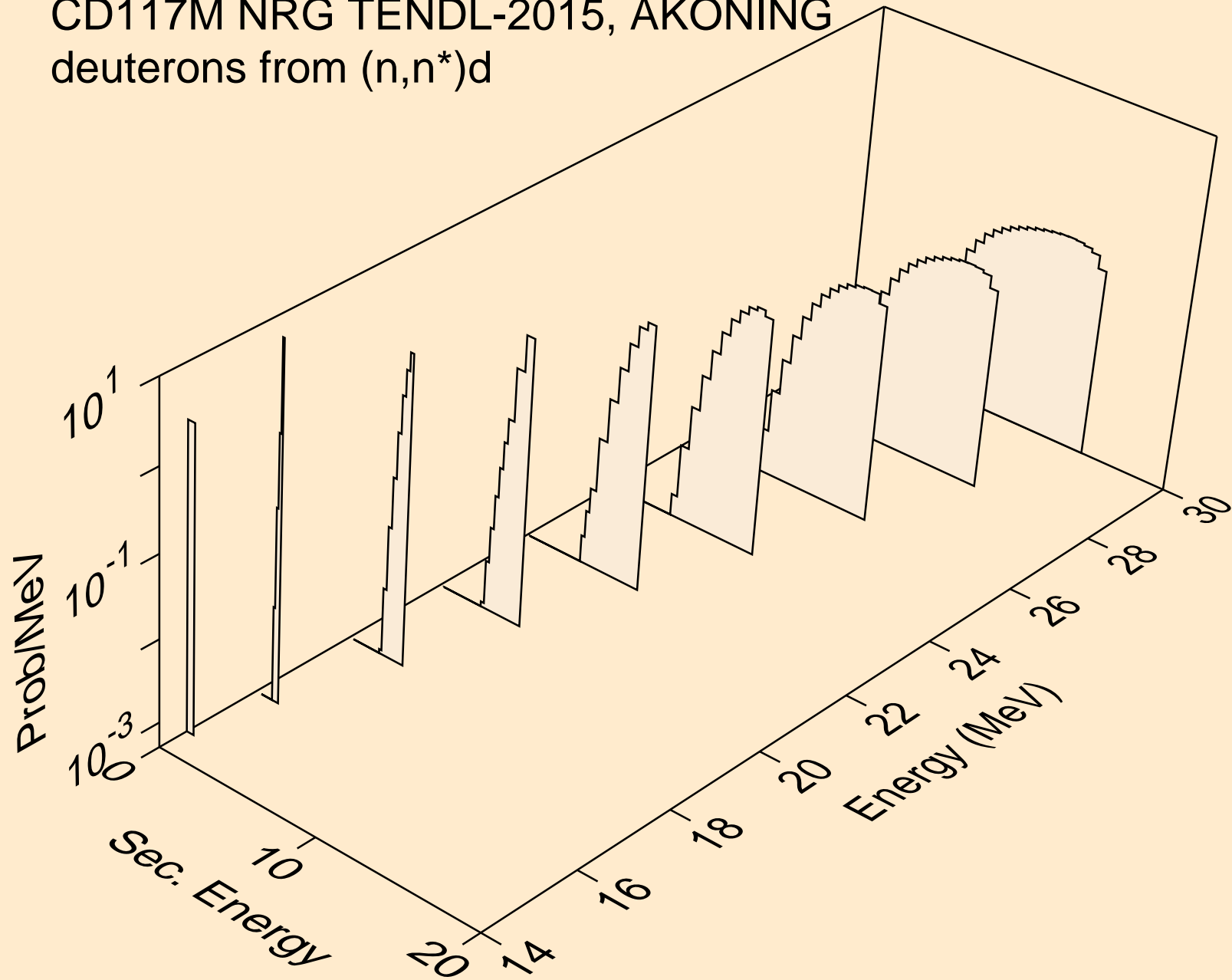
CD117M NRG TENDL-2015, AKONING  
deuterons from (n,x)



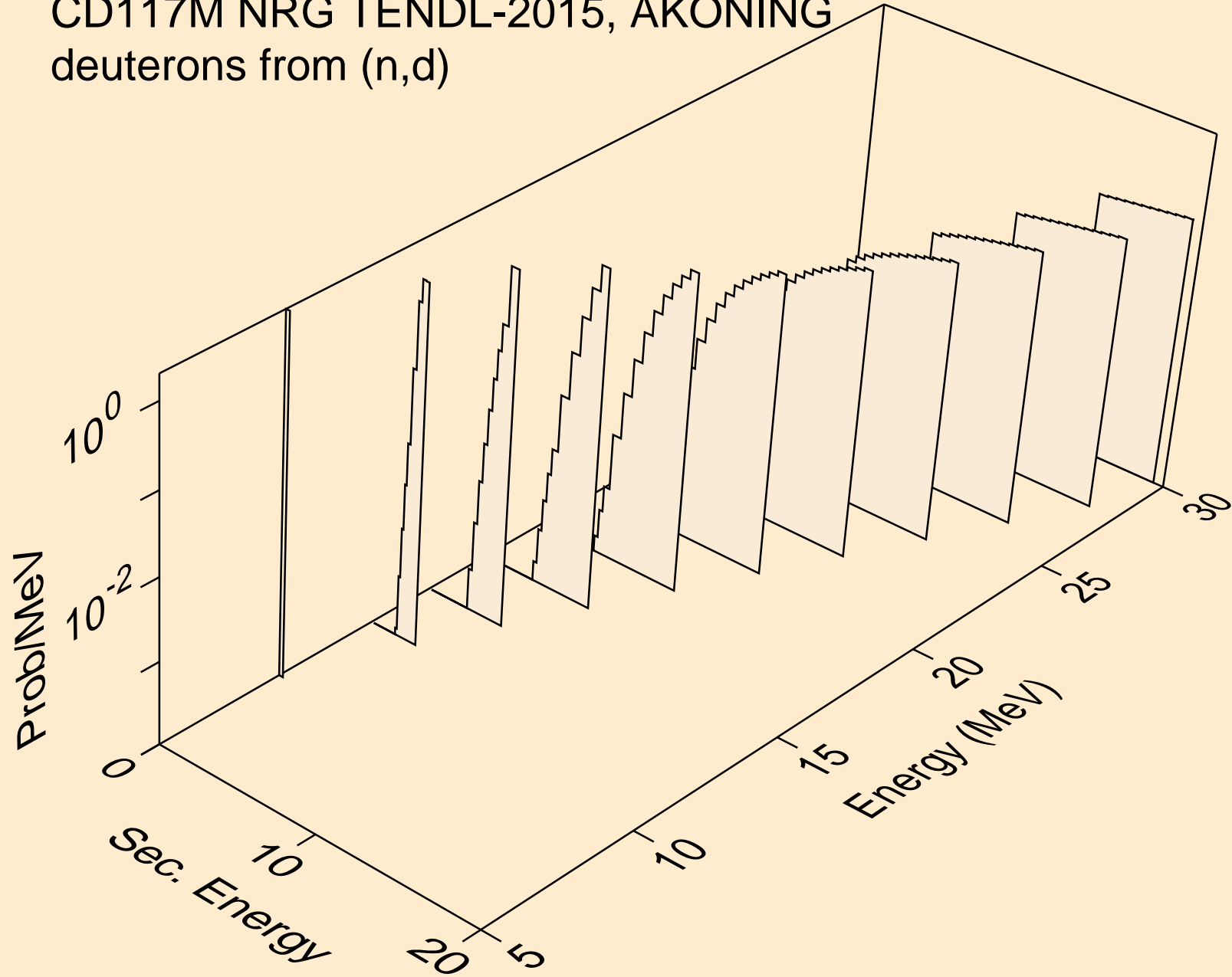
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deuterons from (n,2nd)



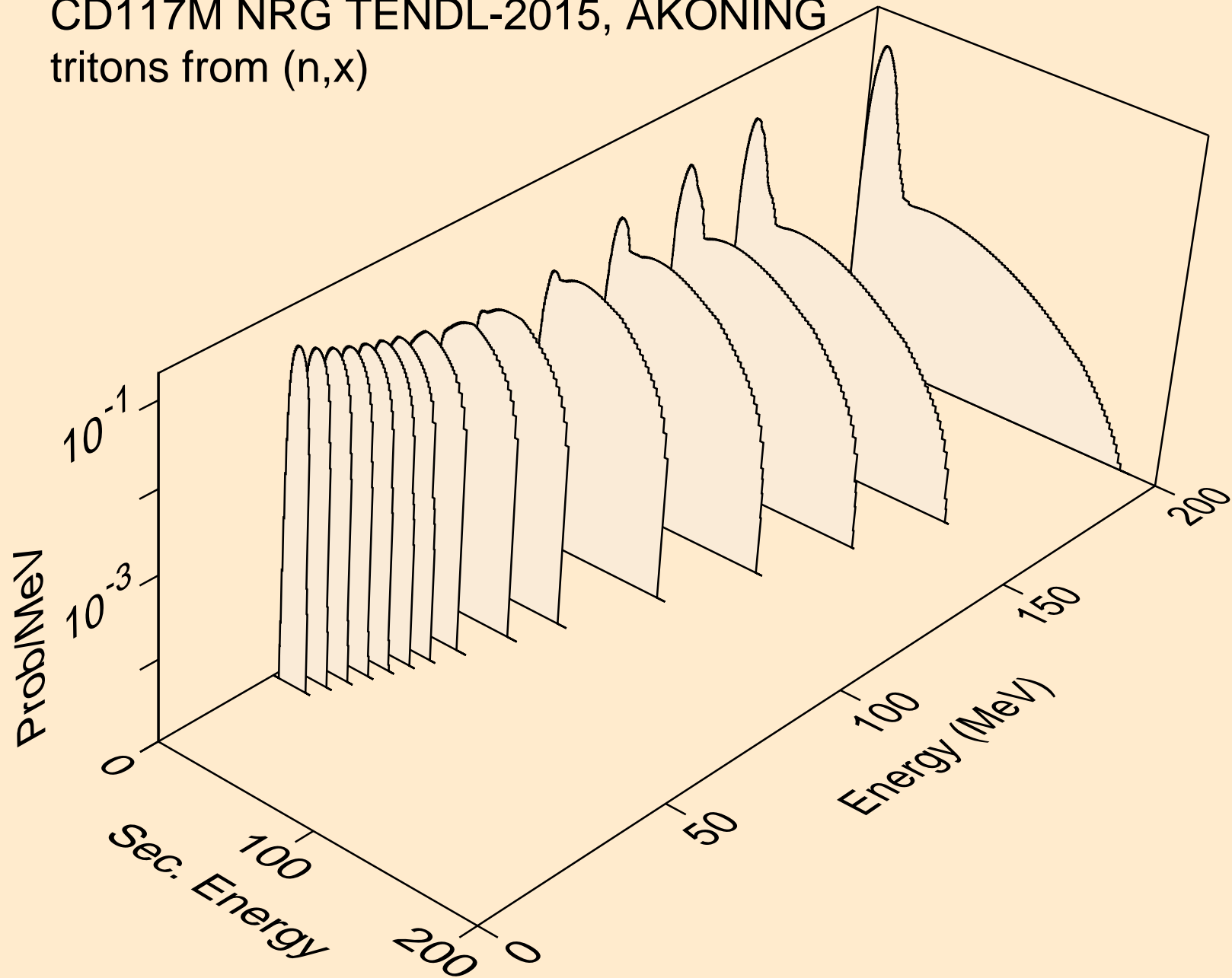
CD117M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



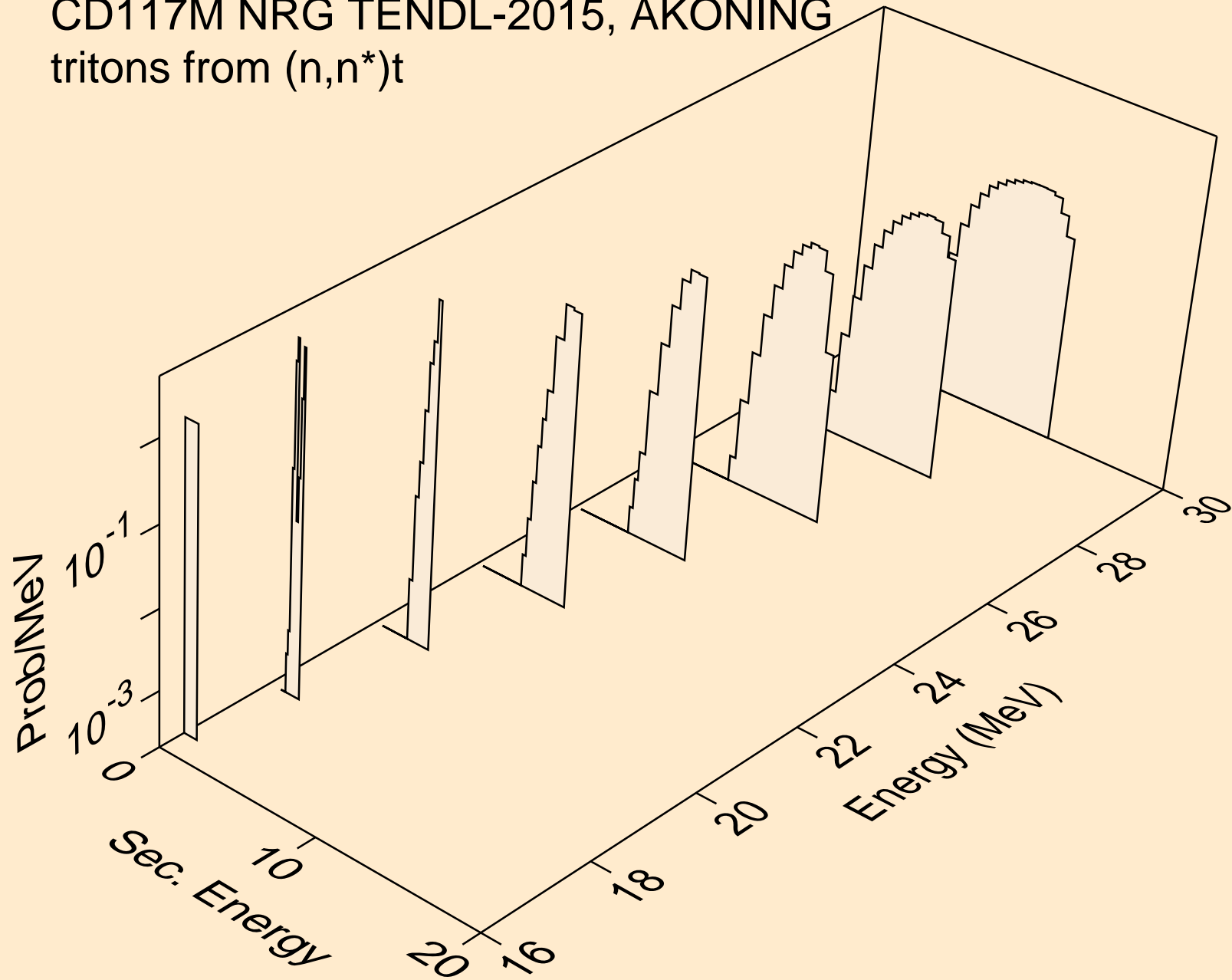
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deuterons from (n,d)



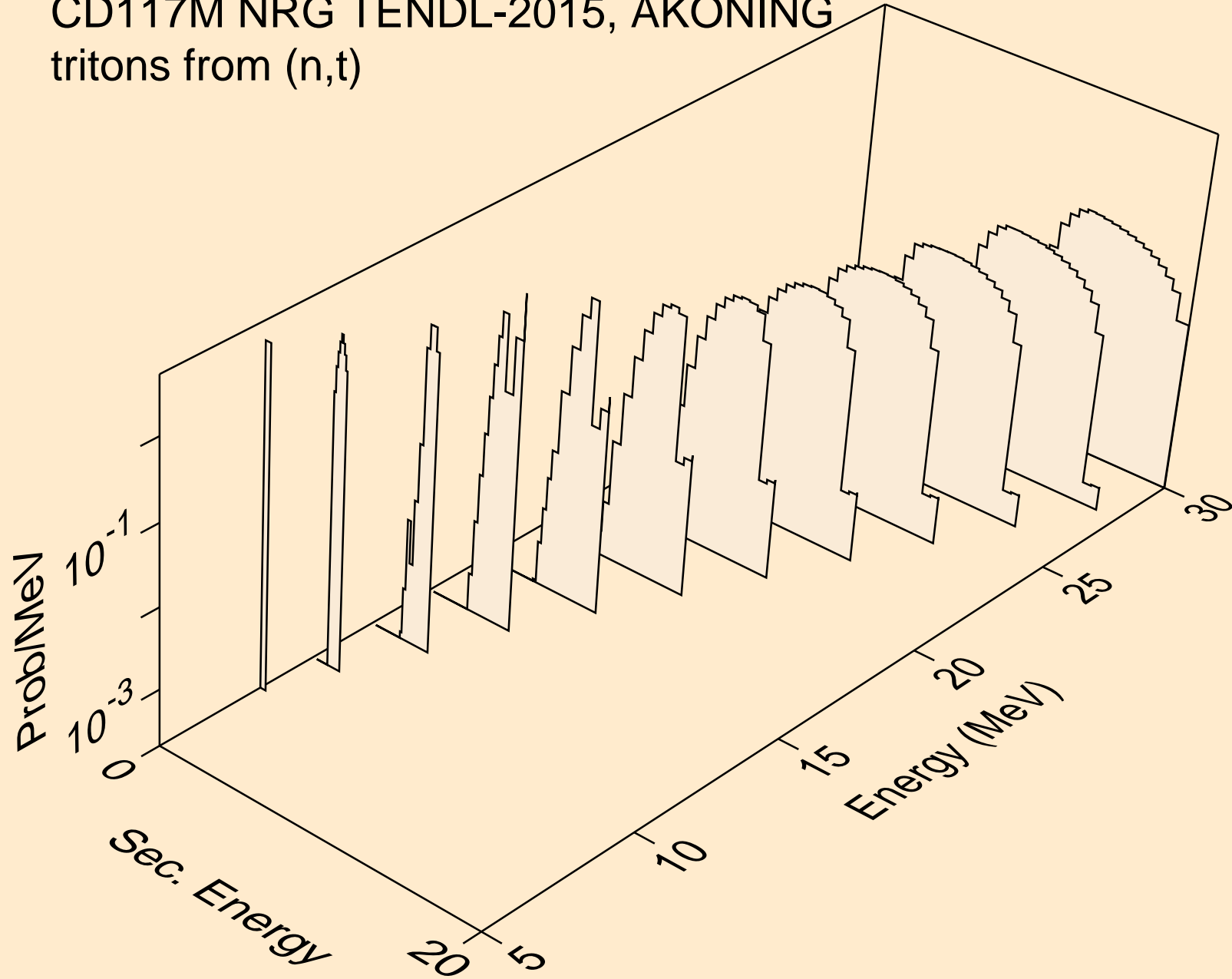
CD117M NRG TENDL-2015, AKONING  
tritons from (n,x)



CD117M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

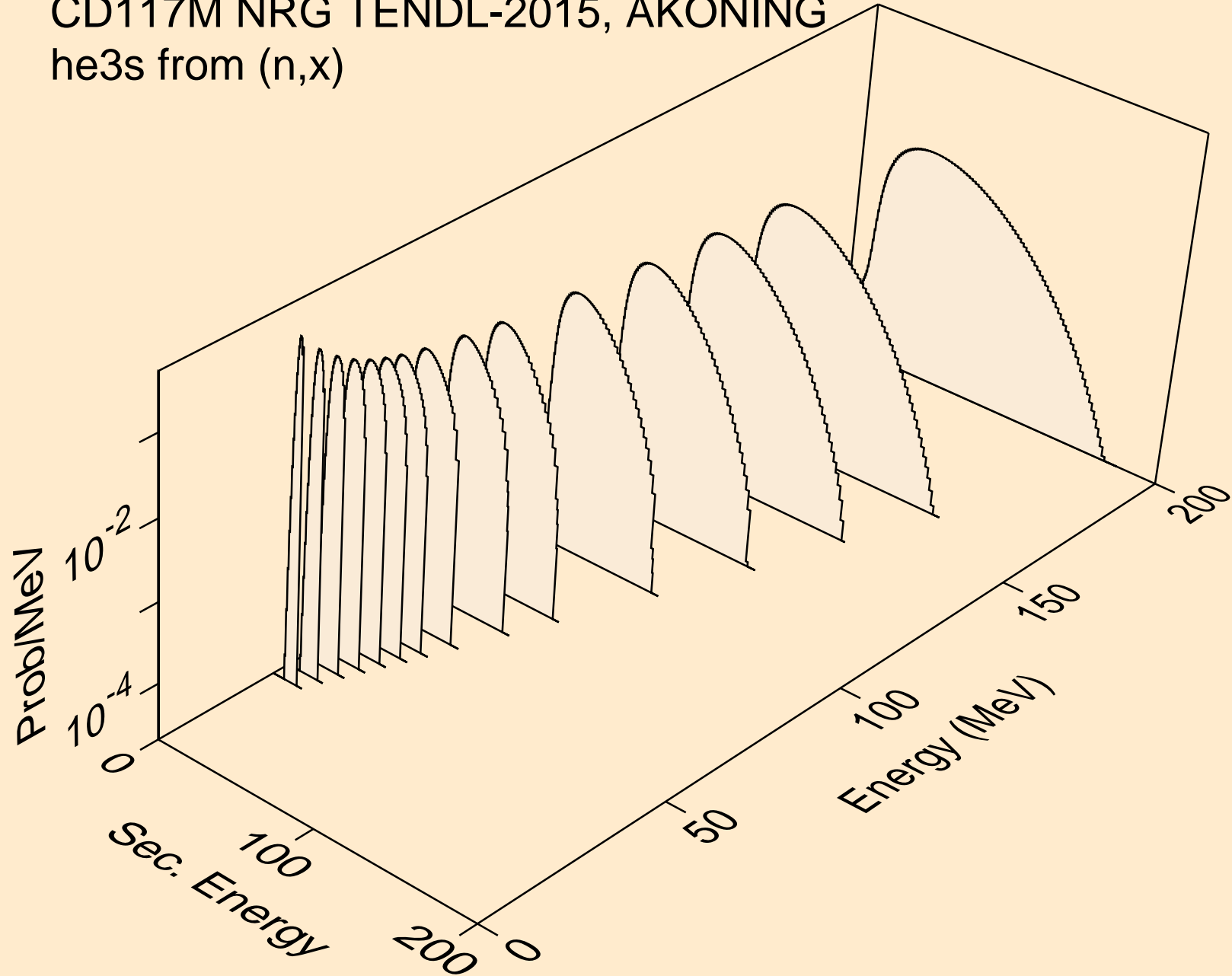


CD117M NRG TENDL-2015, AKONING  
tritons from (n,t)

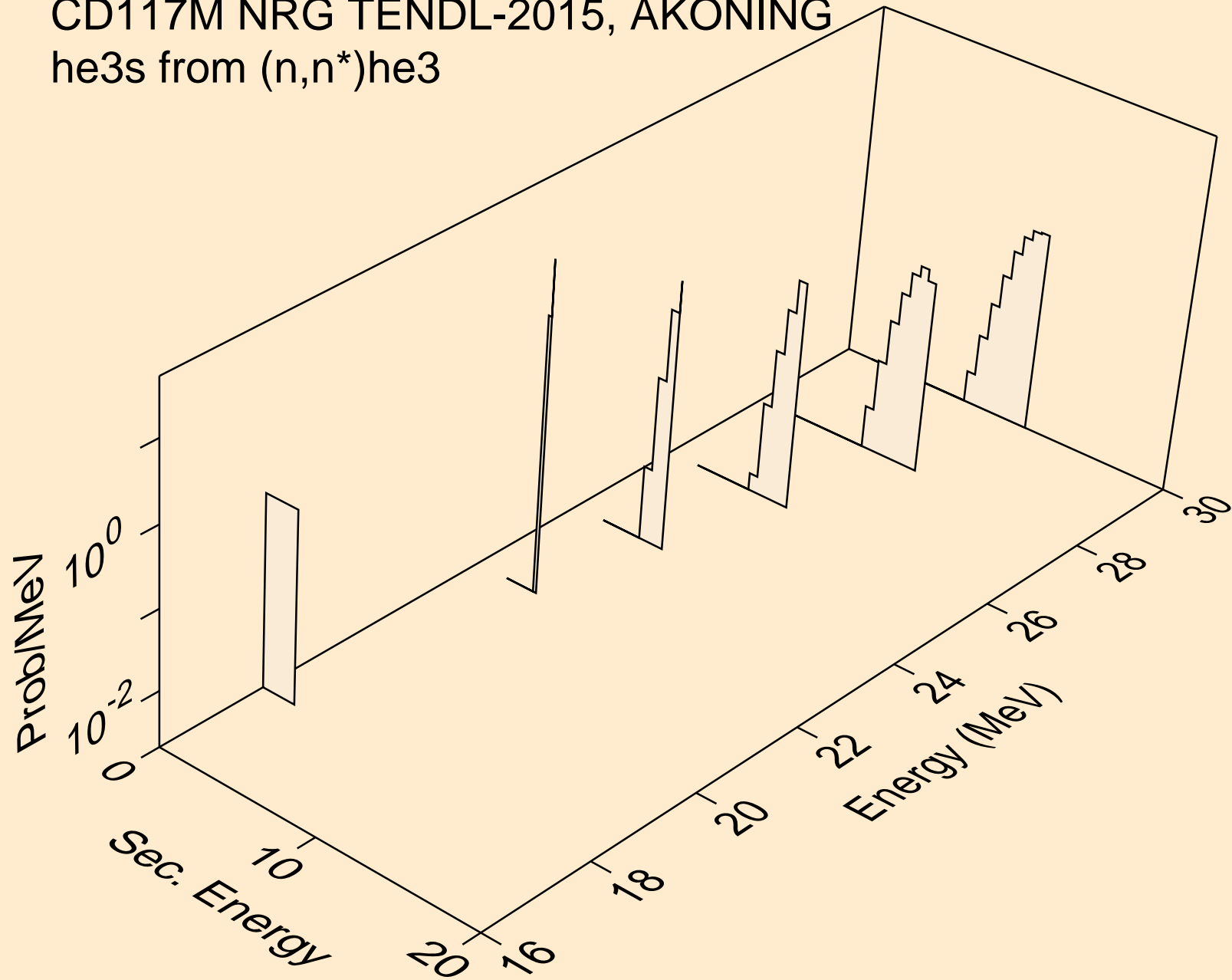




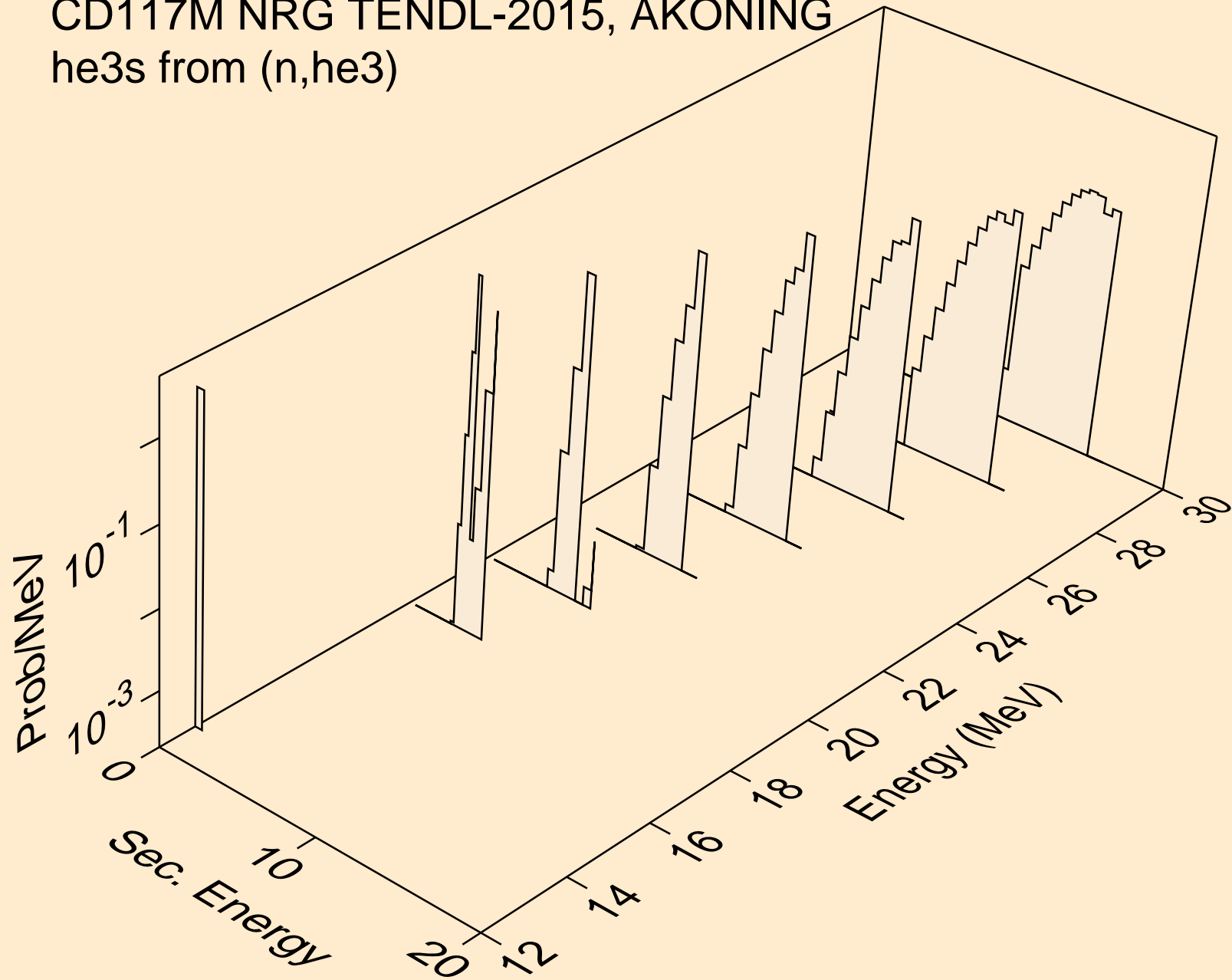
CD117M NRG TENDL-2015, AKONING  
he3s from (n,x)



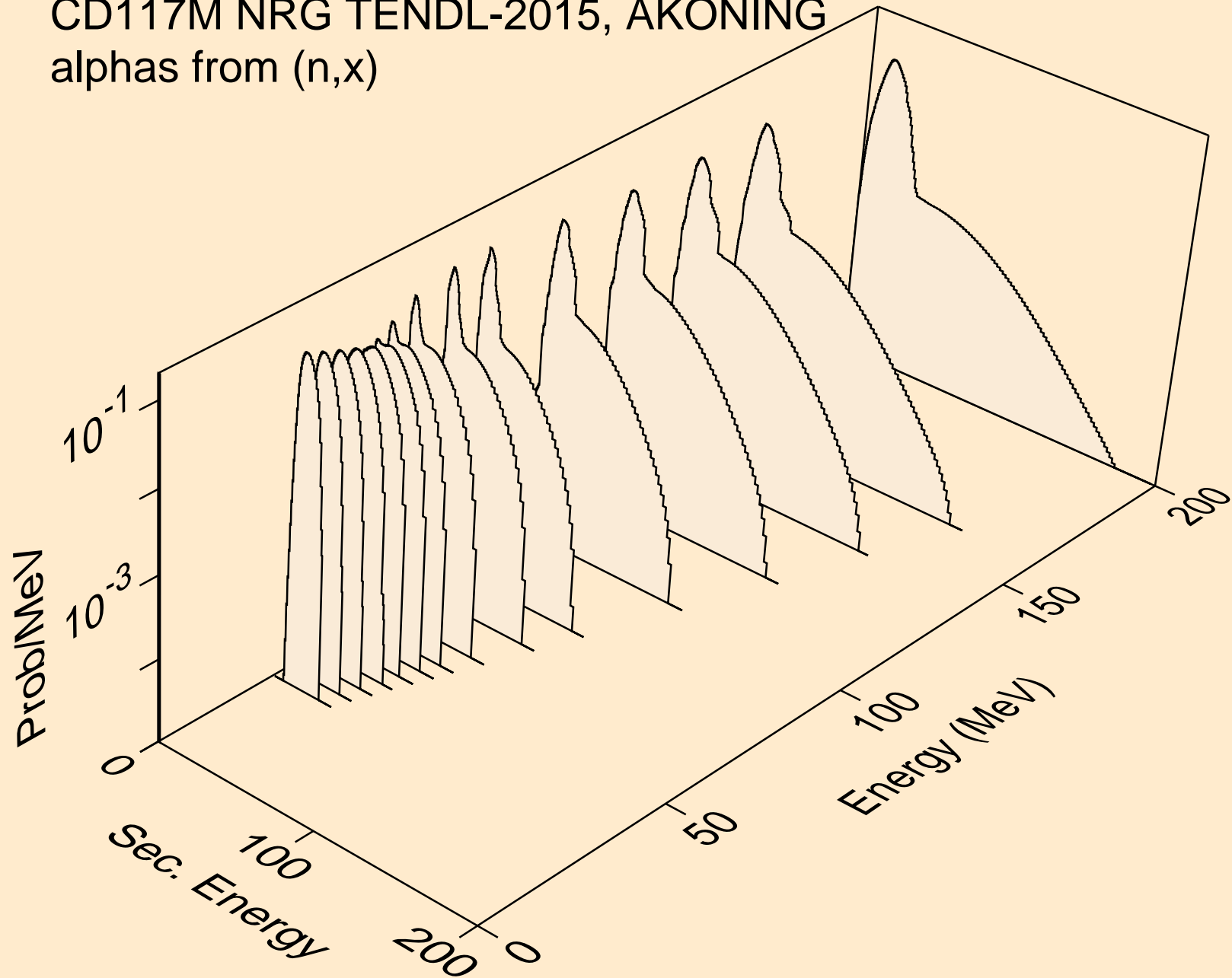
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he3s from (n,n\*)he3



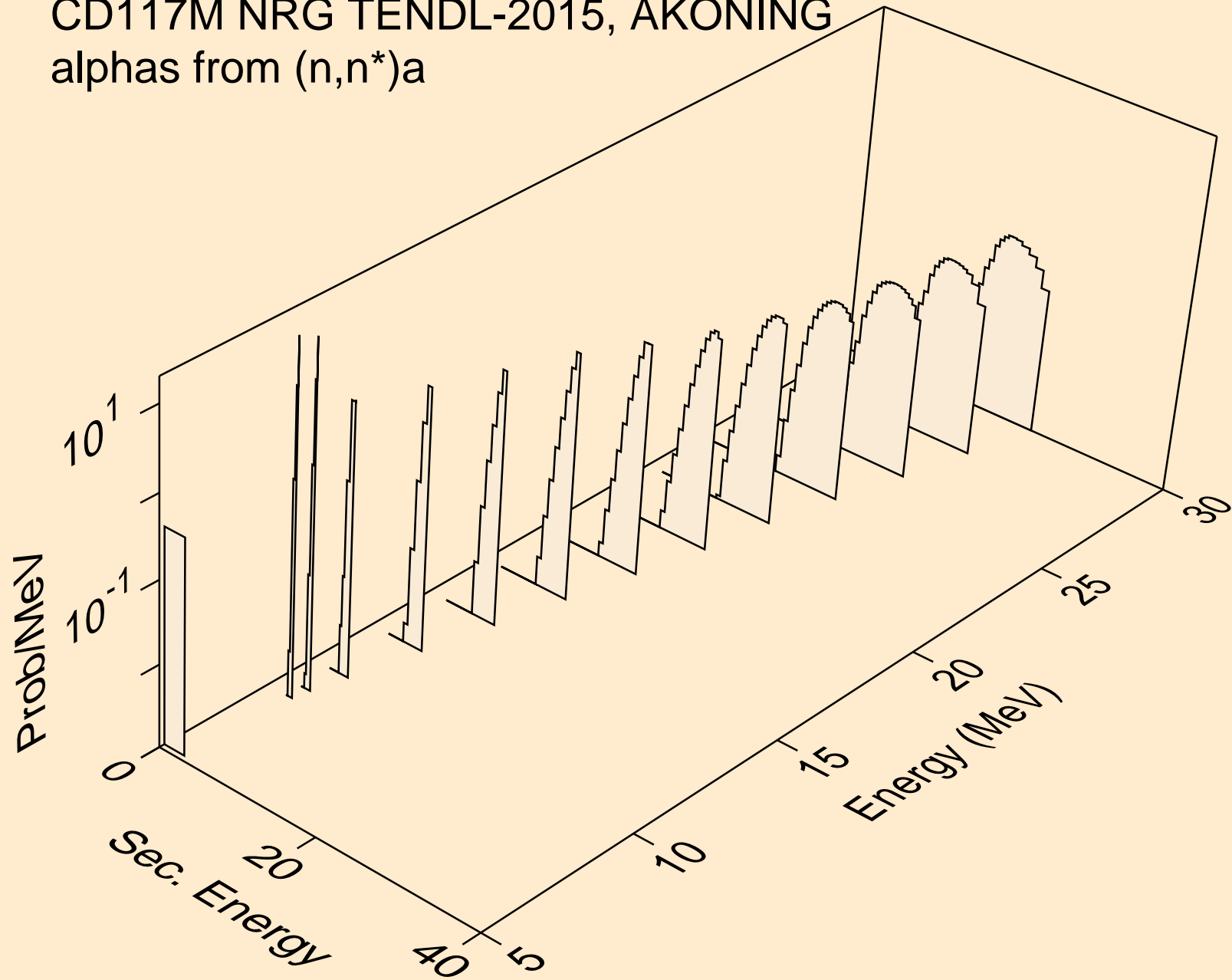
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he3s from (n,he3)



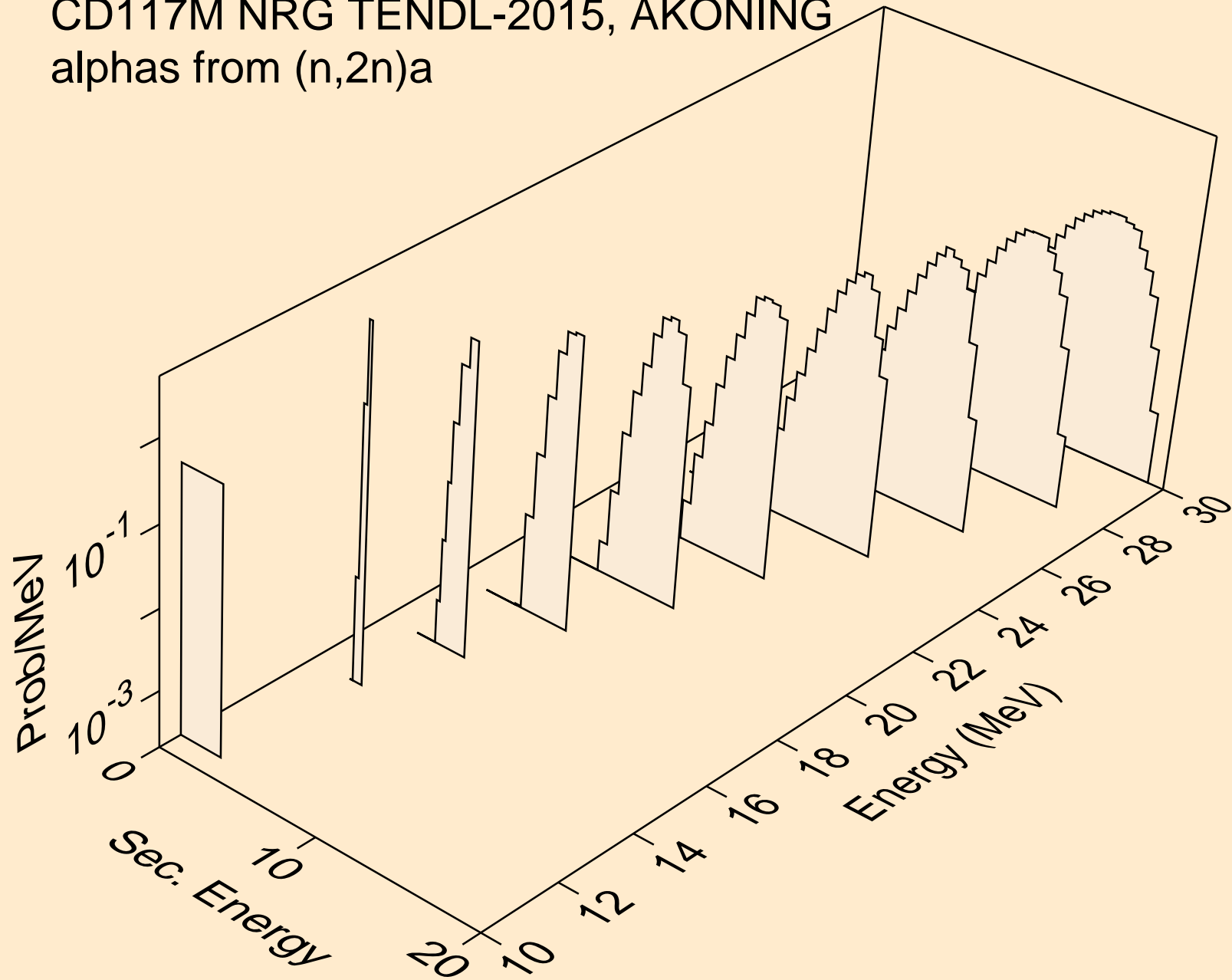
CD117M NRG TENDL-2015, AKONING  
alphas from (n,x)



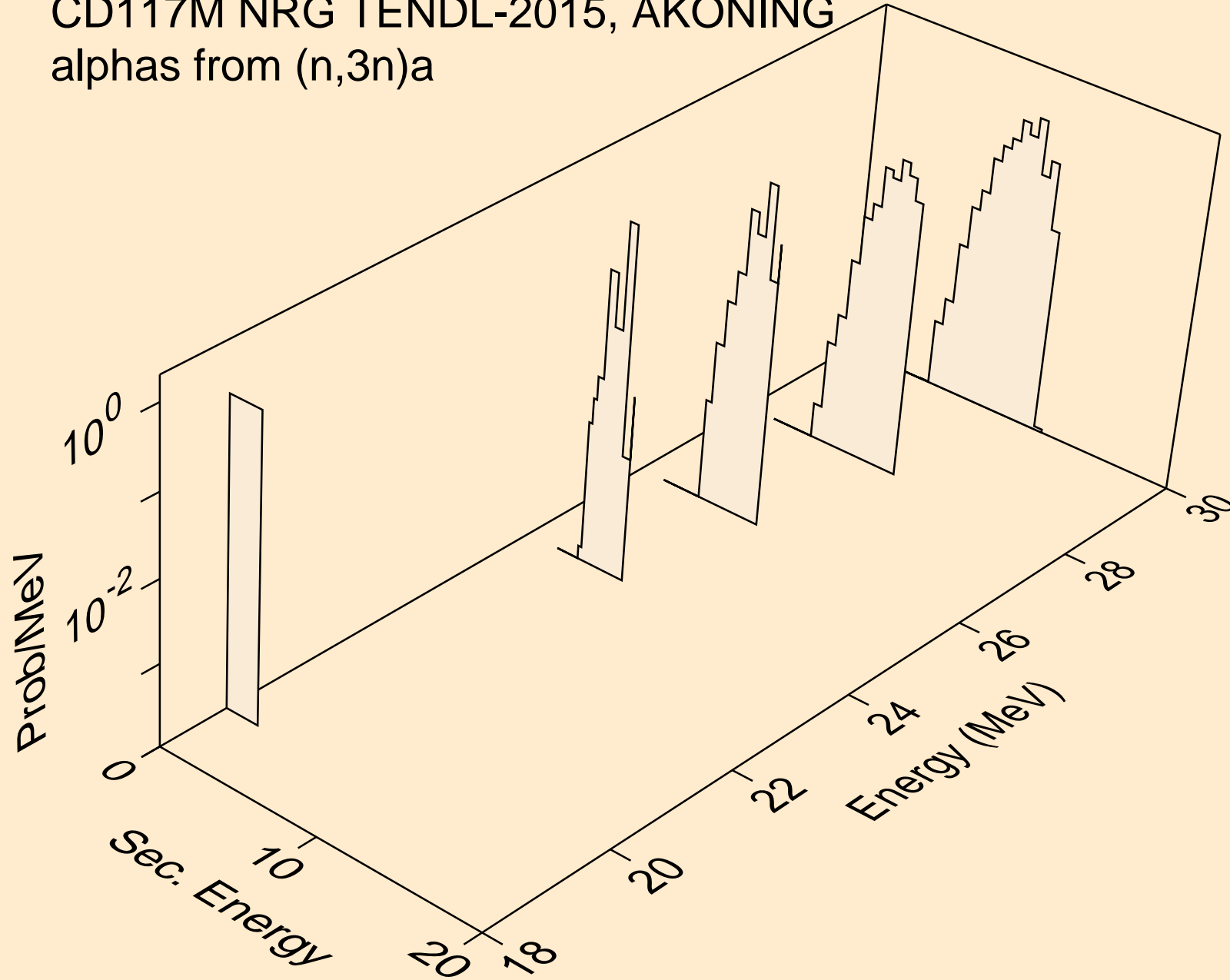
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alphas from (n,n\*)a



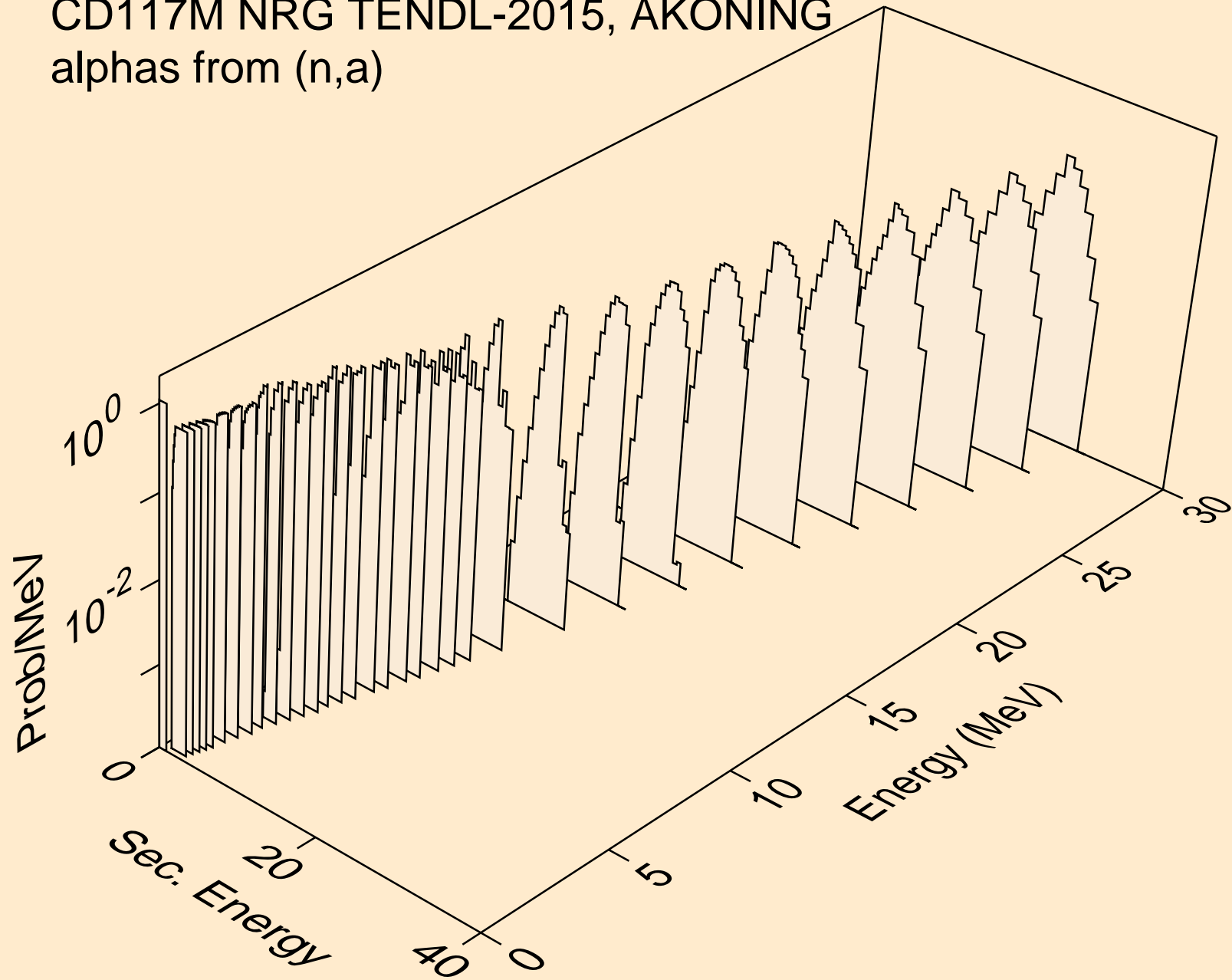
CD117M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



CD117M NRG TENDL-2015, AKONING  
alphas from (n,3n)a



CD117M NRG TENDL-2015, AKONING  
alphas from (n,a)





CD117M NRG TENDL-2015, AKONING  
alphas from (n,pa)

