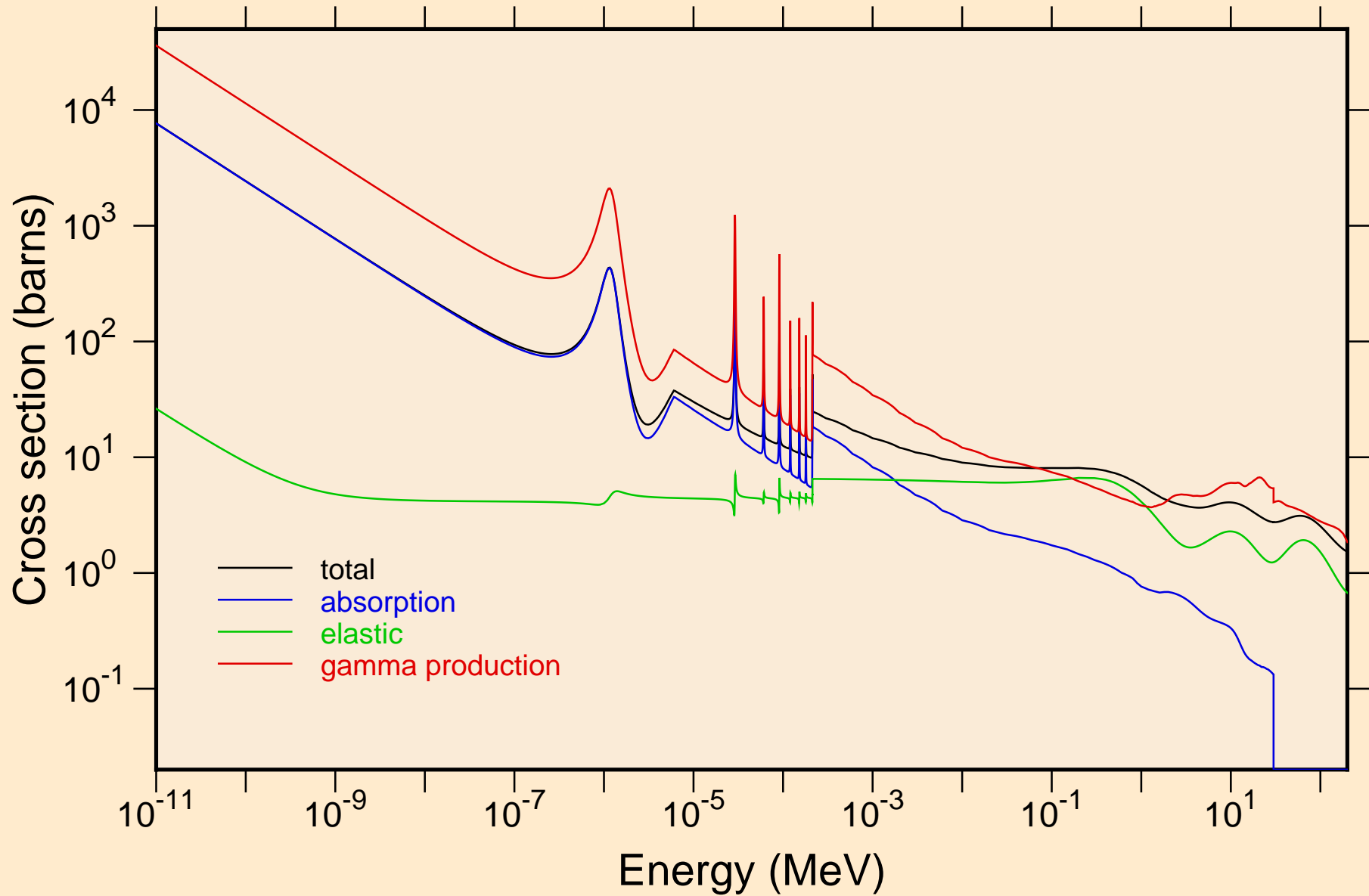


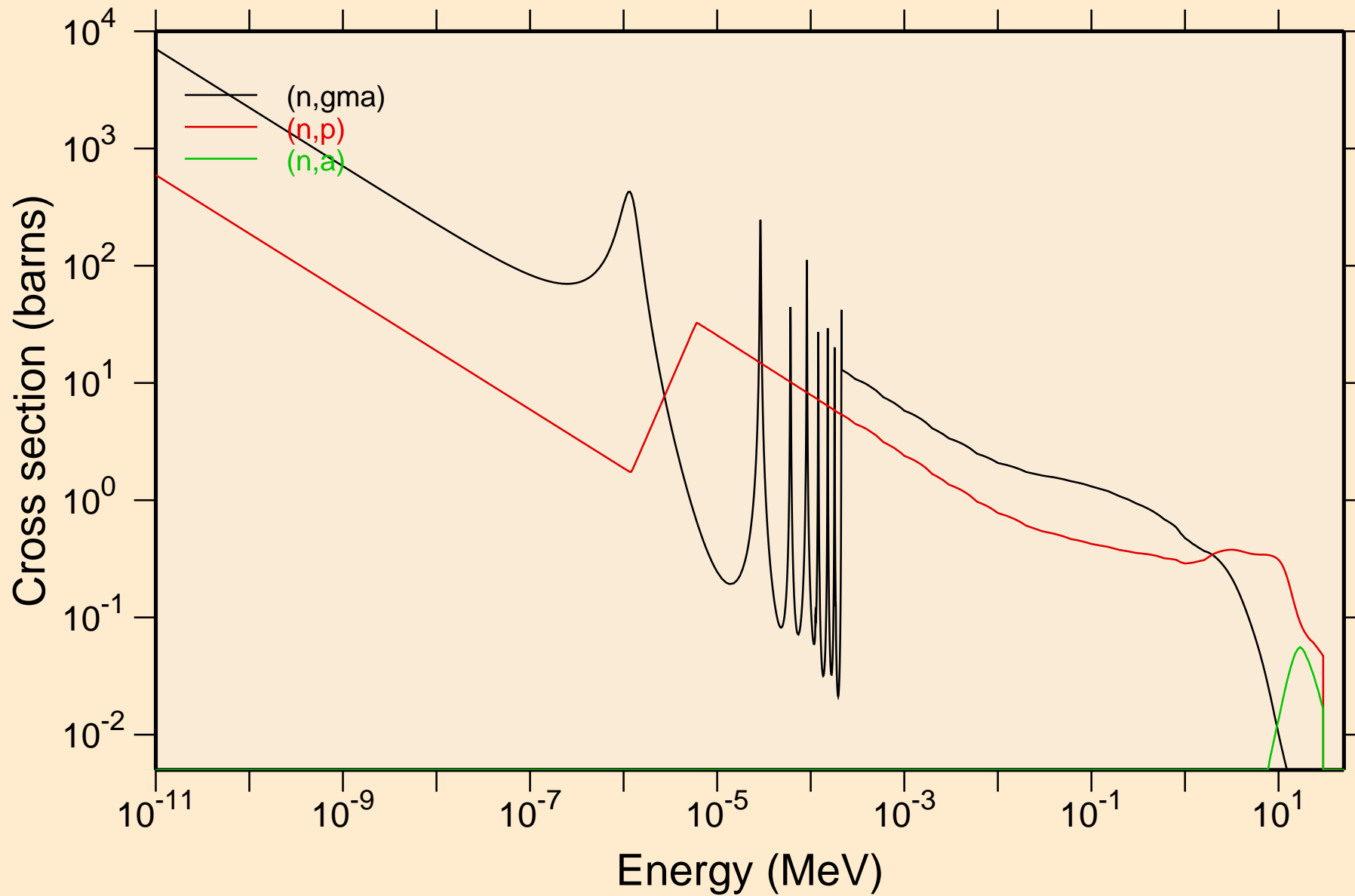
# Y085M NRG TENDL-2015, AKONING

## Principal cross sections



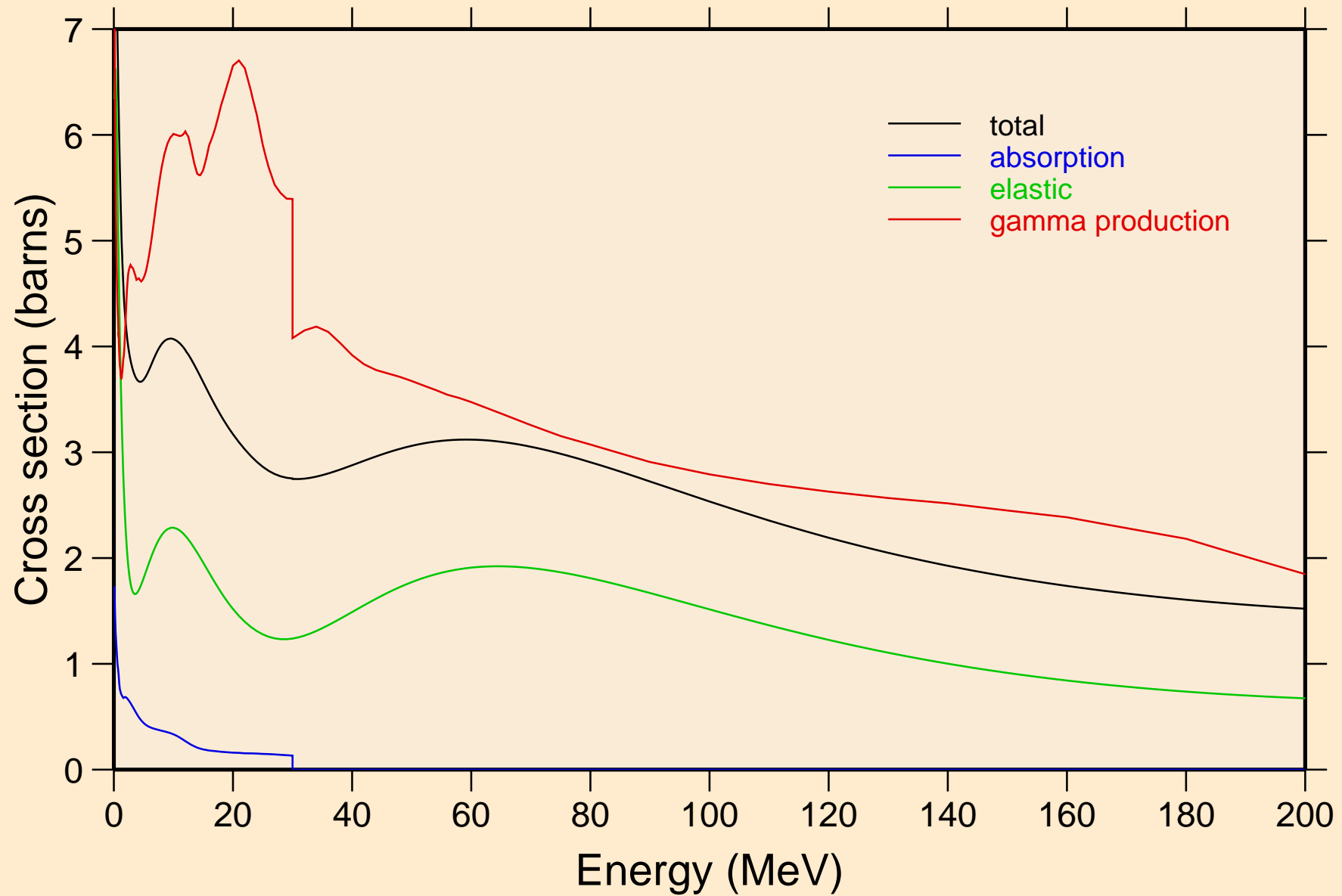
# Y085M NRG TENDL-2015, AKONING

## Non-threshold reactions

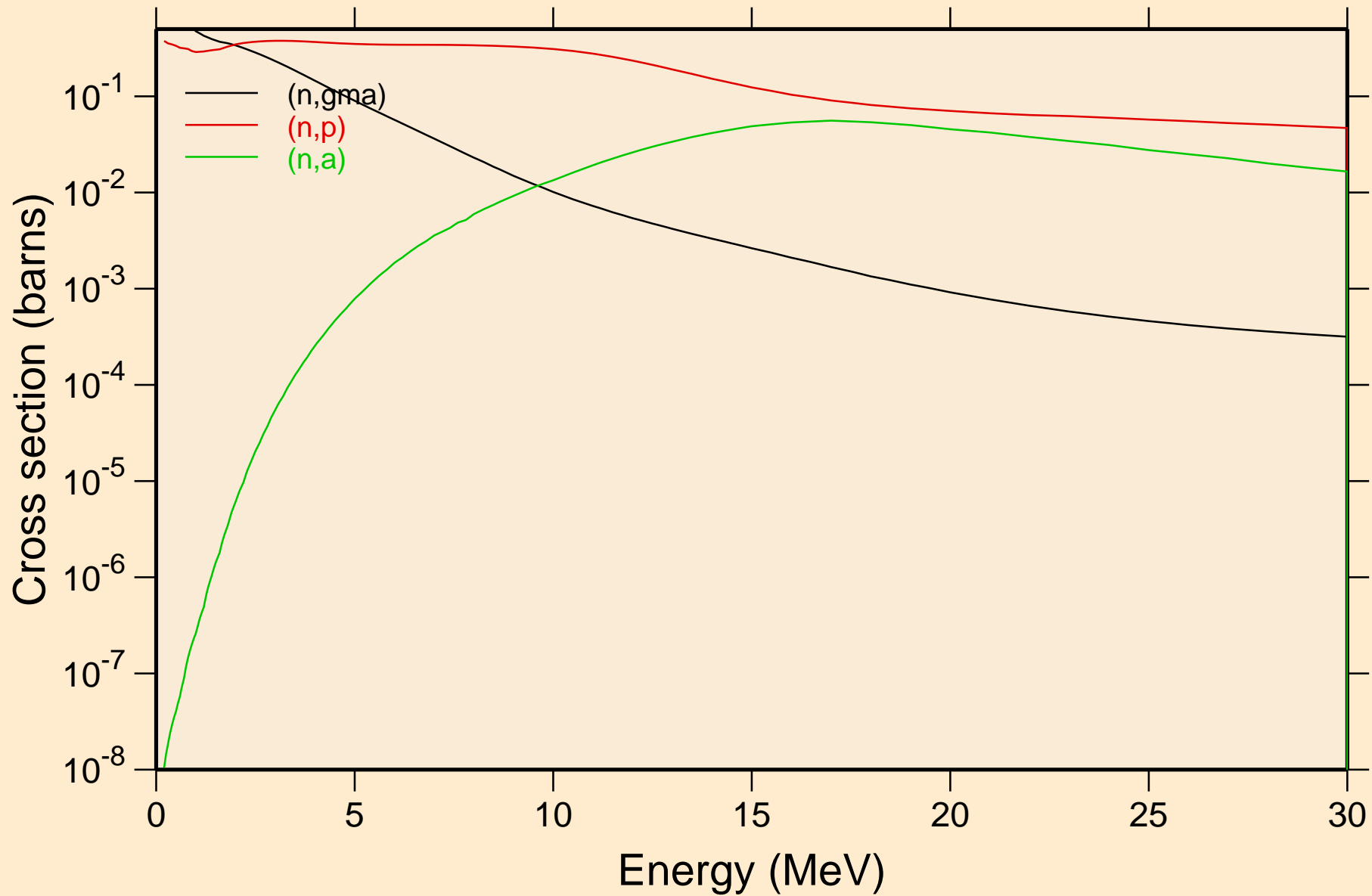


# Y085M NRG TENDL-2015, AKONING

## Principal cross sections

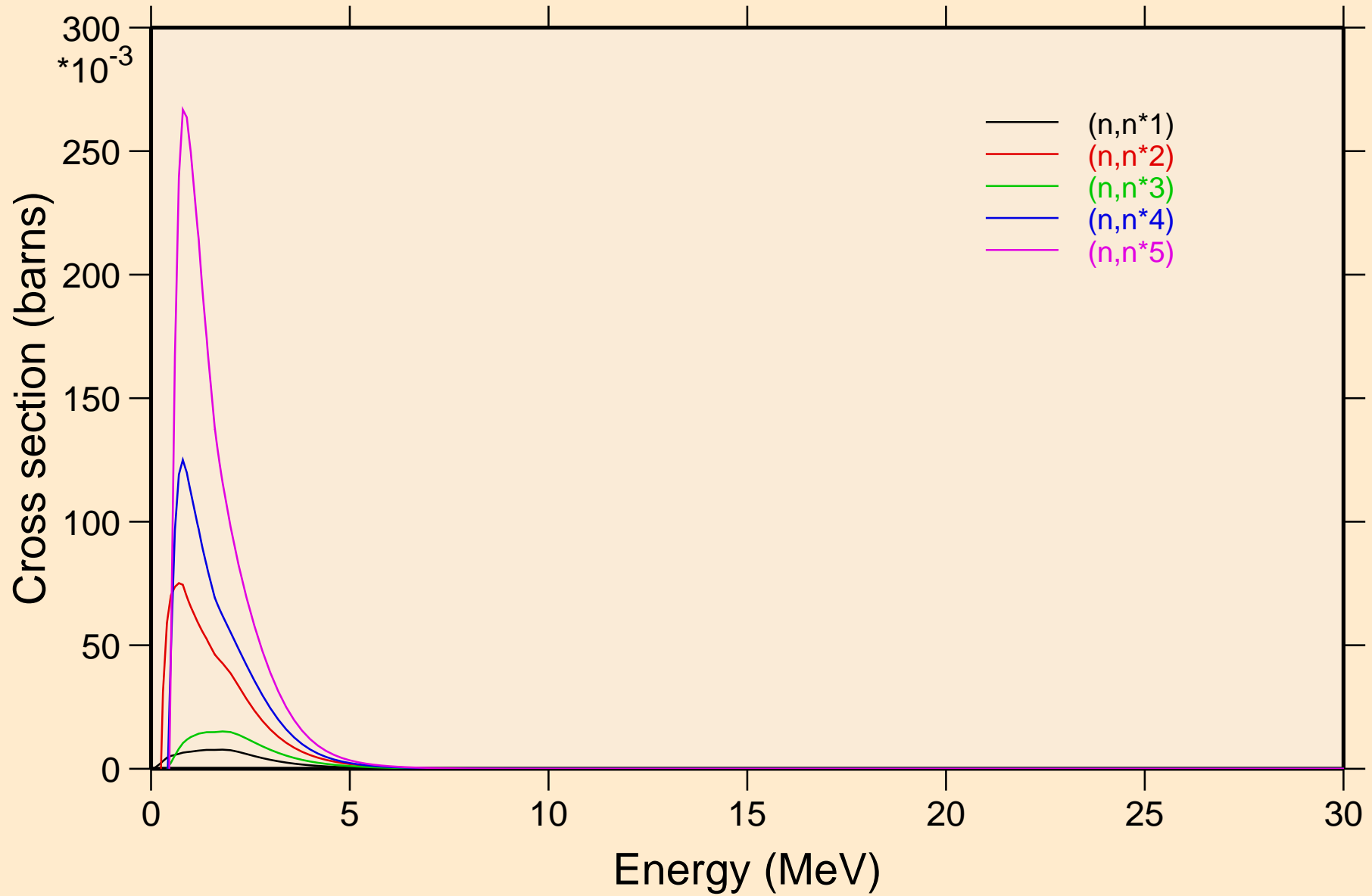


Y085M NRG TENDL-2015, AKONING  
Non-threshold reactions



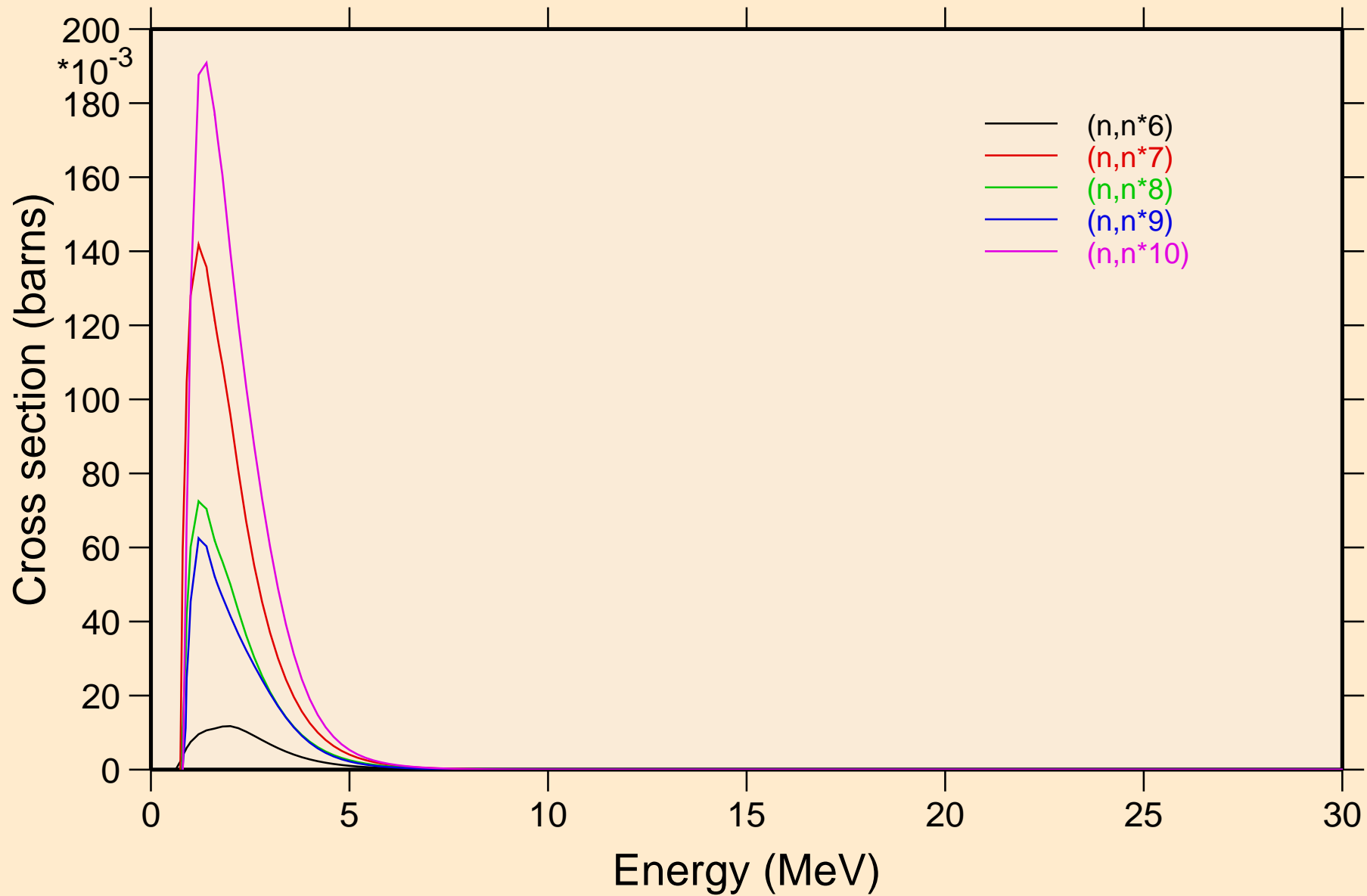
# Y085M NRG TENDL-2015, AKONING

## Inelastic levels



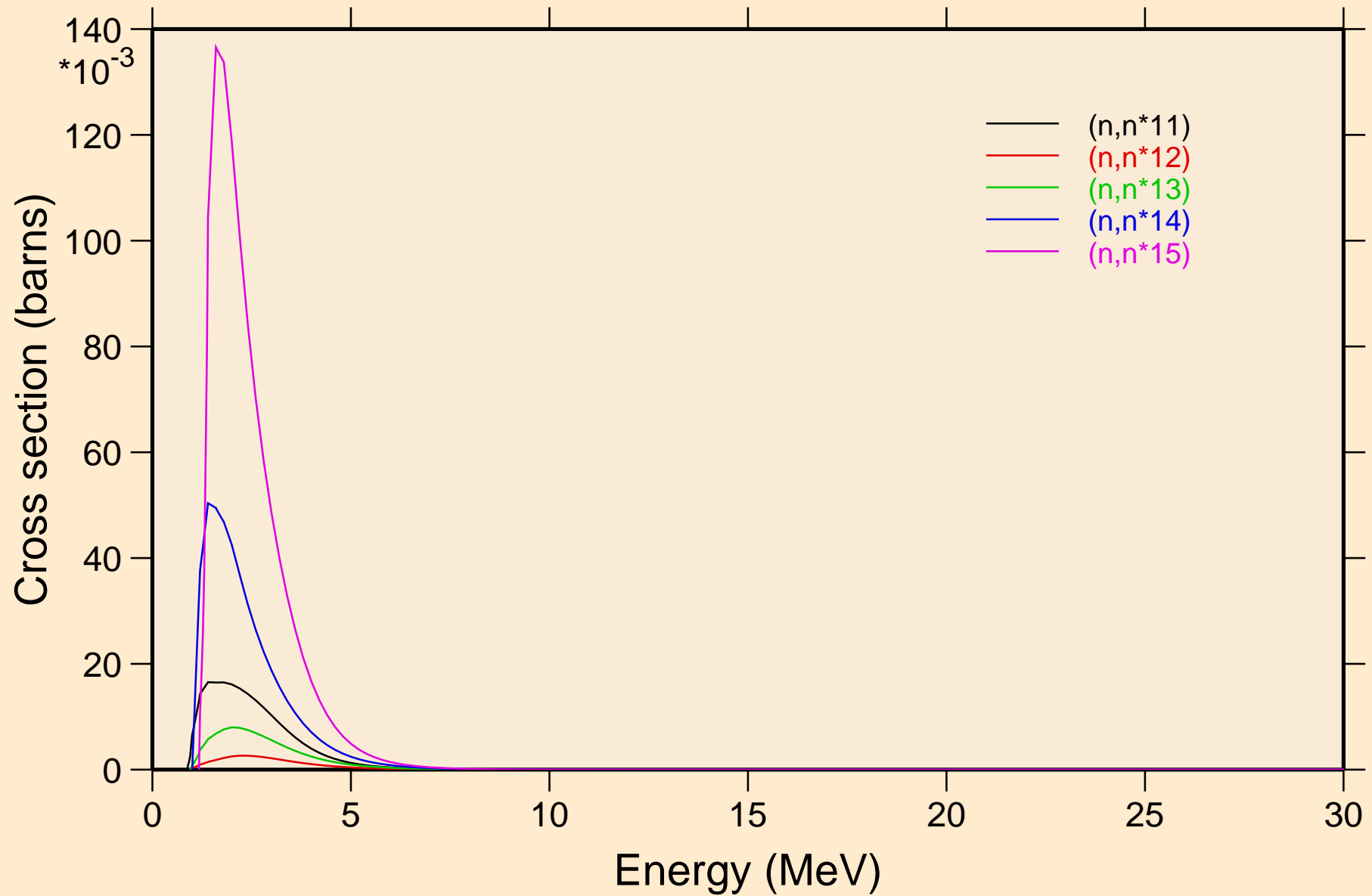
# Y085M NRG TENDL-2015, AKONING

## Inelastic levels



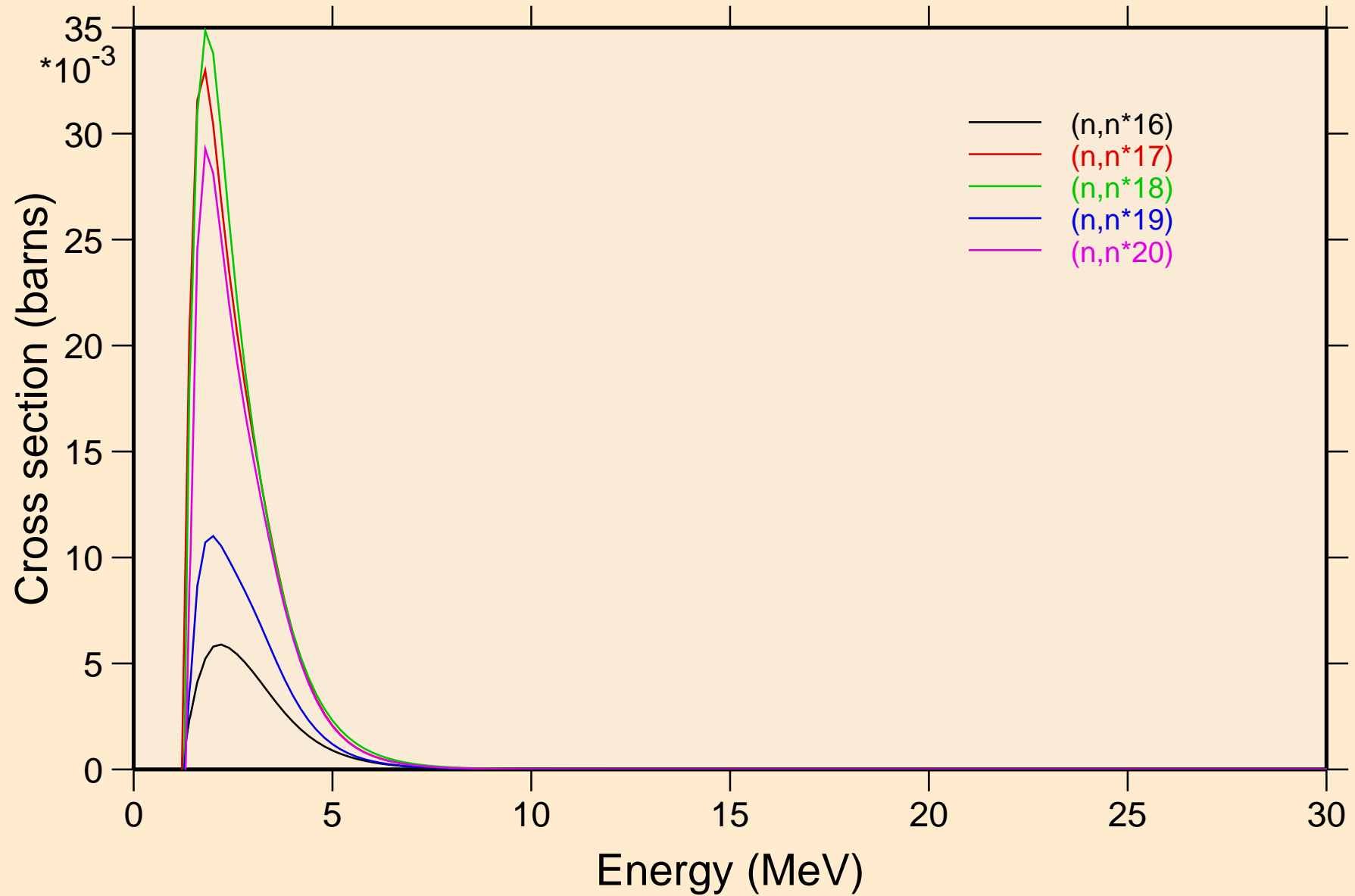
# Y085M NRG TENDL-2015, AKONING

## Inelastic levels



# Y085M NRG TENDL-2015, AKONING

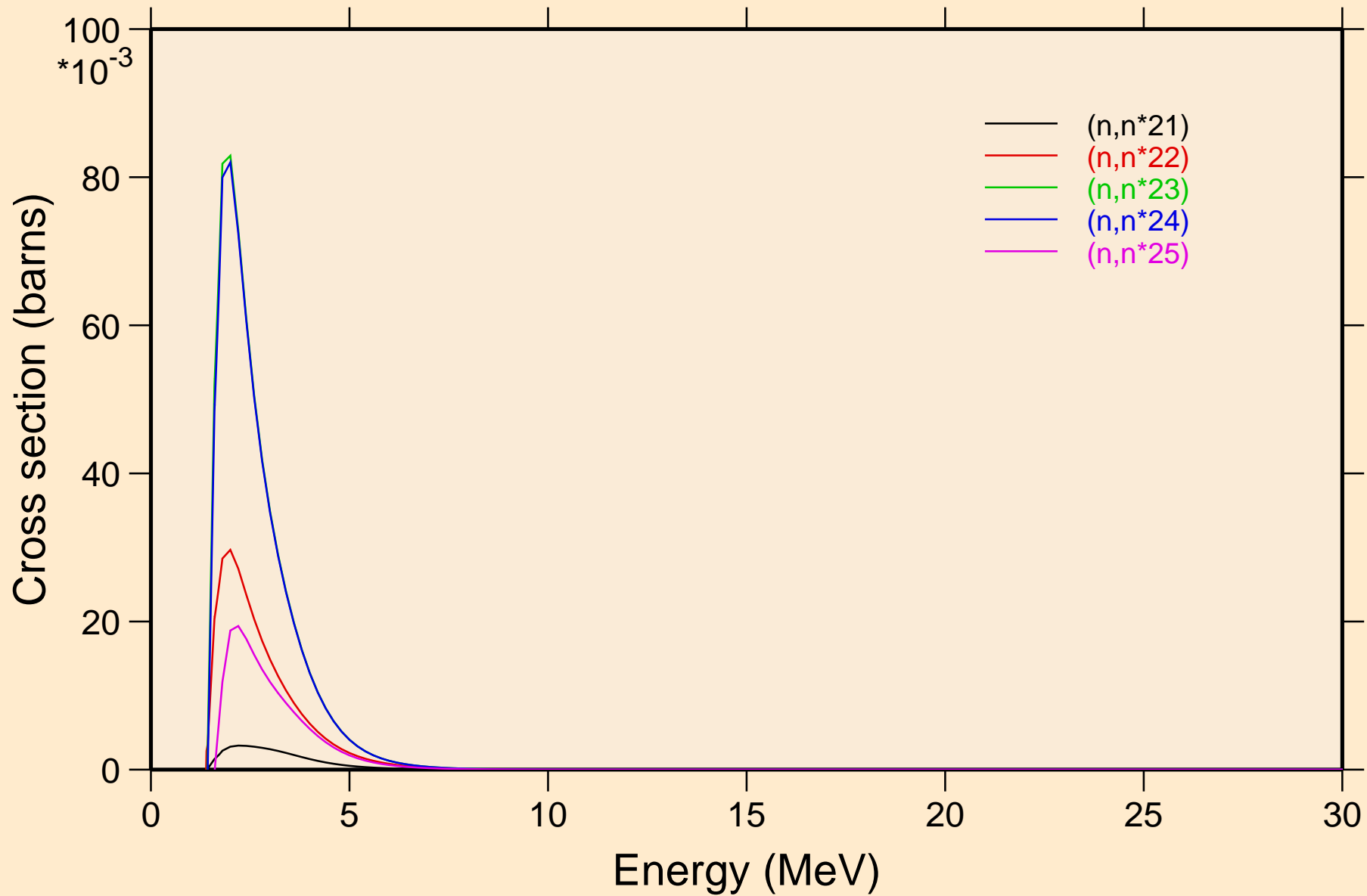
## Inelastic levels





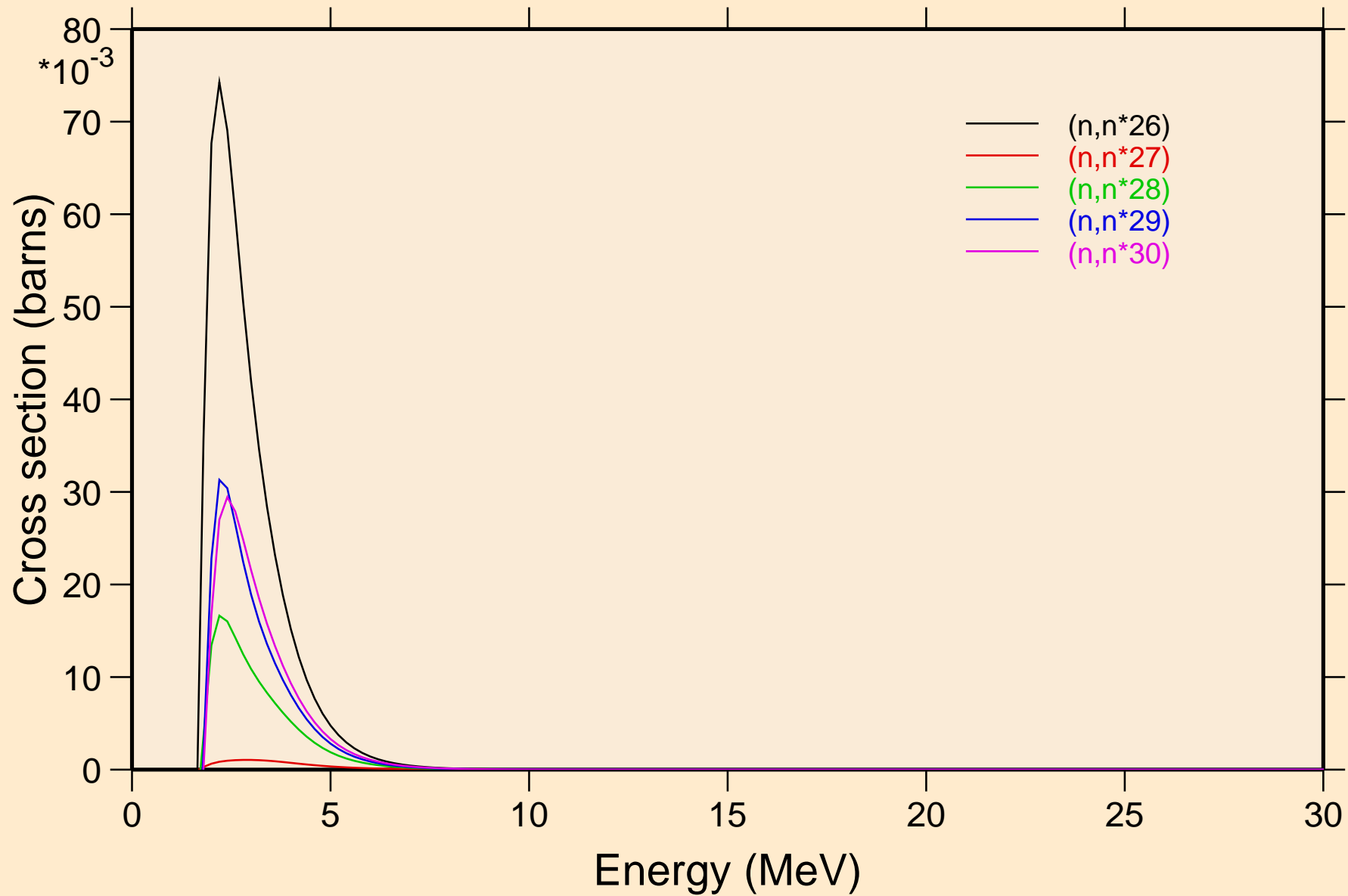
# Y085M NRG TENDL-2015, AKONING

## Inelastic levels



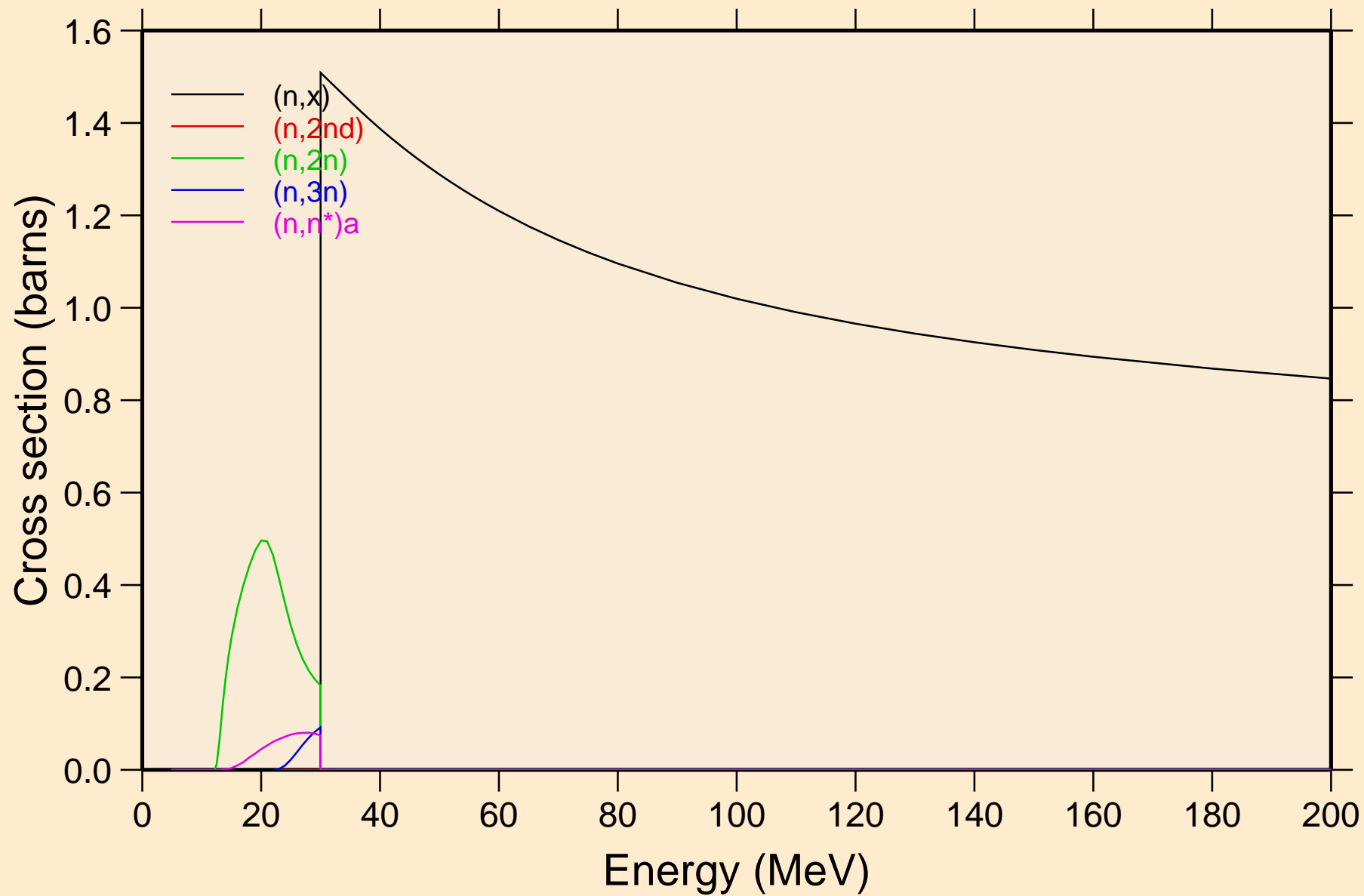
# Y085M NRG TENDL-2015, AKONING

## Inelastic levels



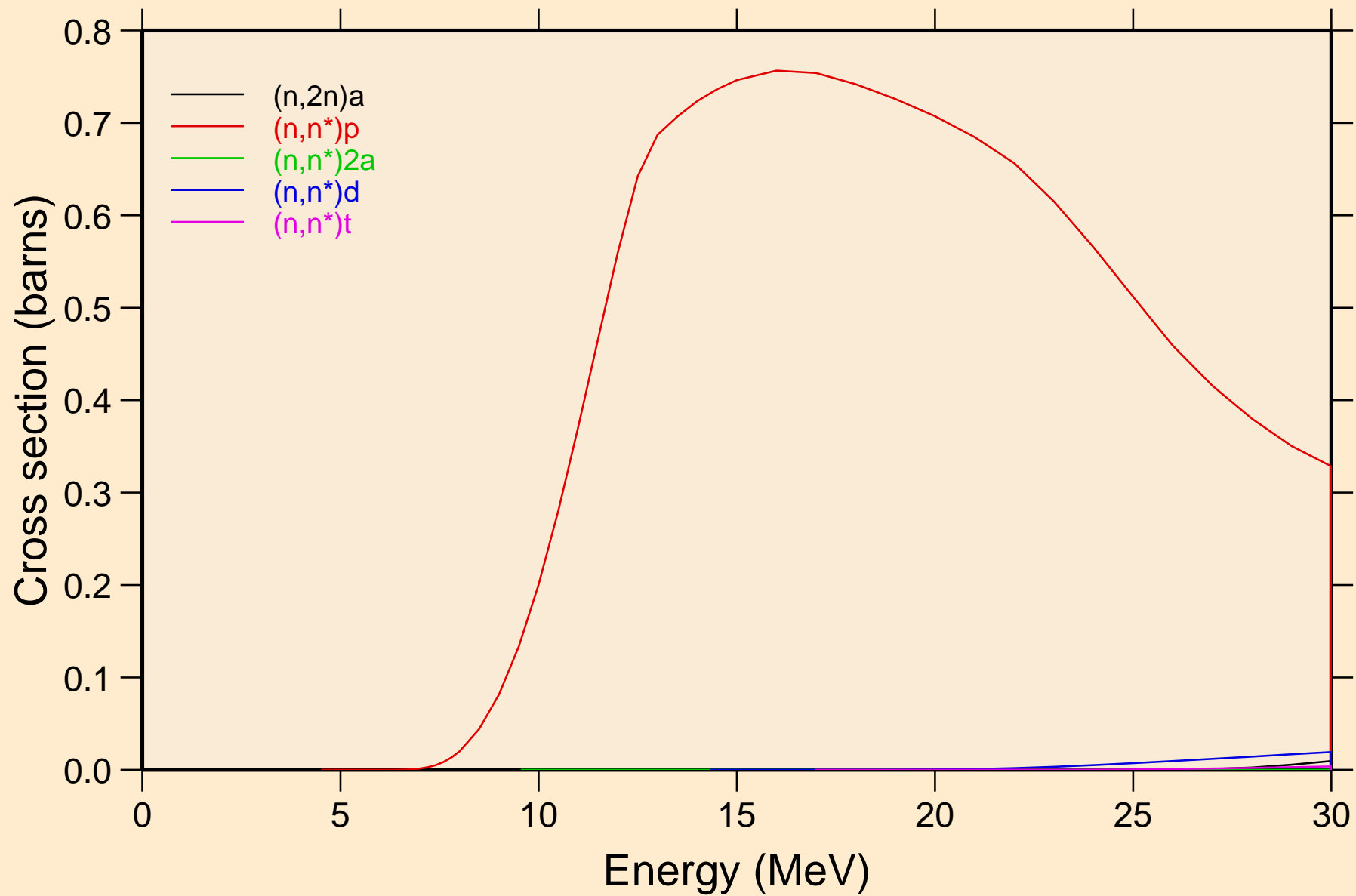
# Y085M NRG TENDL-2015, AKONING

## Threshold reactions



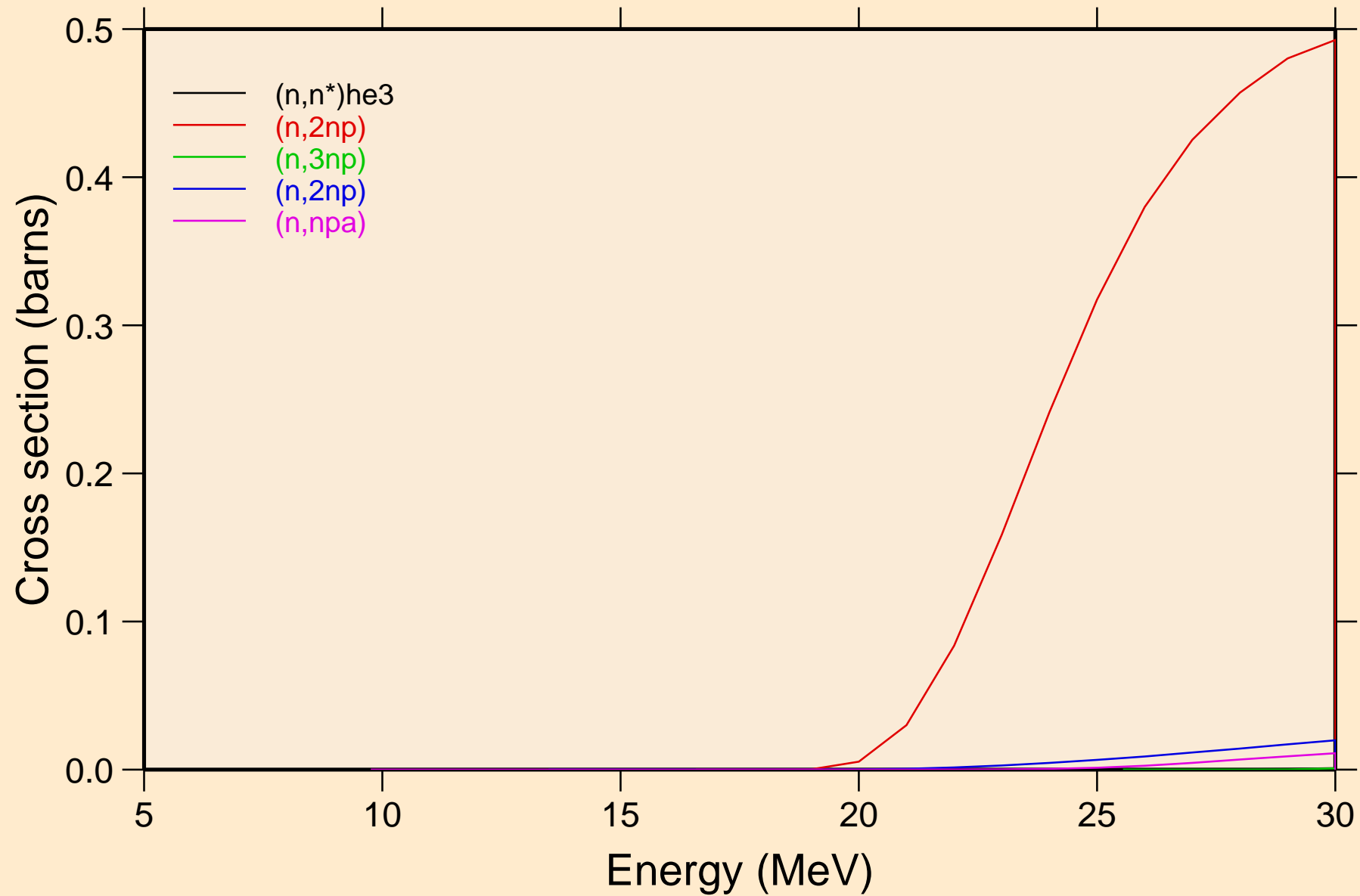
# Y085M NRG TENDL-2015, AKONING

## Threshold reactions



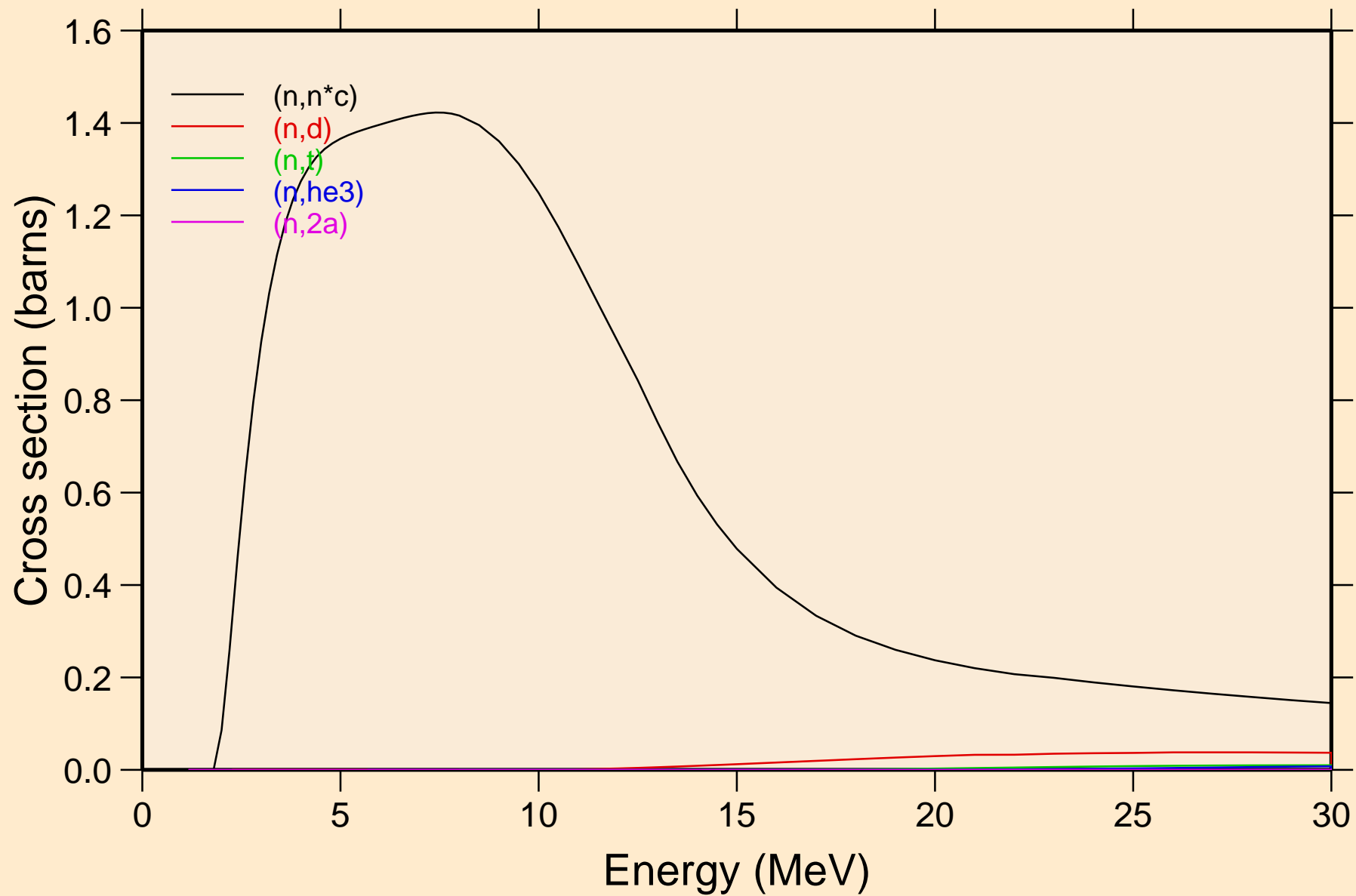
# Y085M NRG TENDL-2015, AKONING

## Threshold reactions



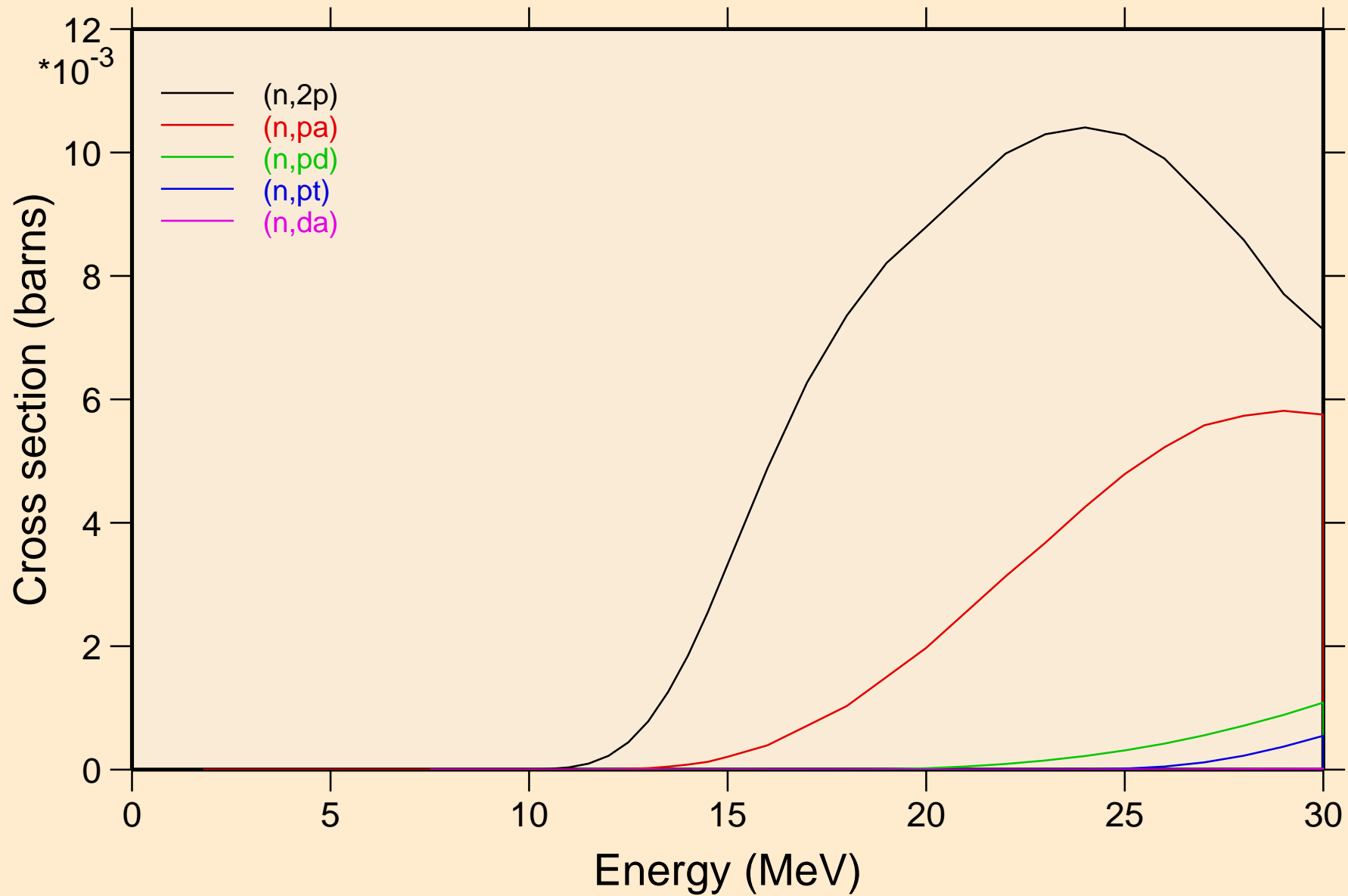
# Y085M NRG TENDL-2015, AKONING

## Threshold reactions

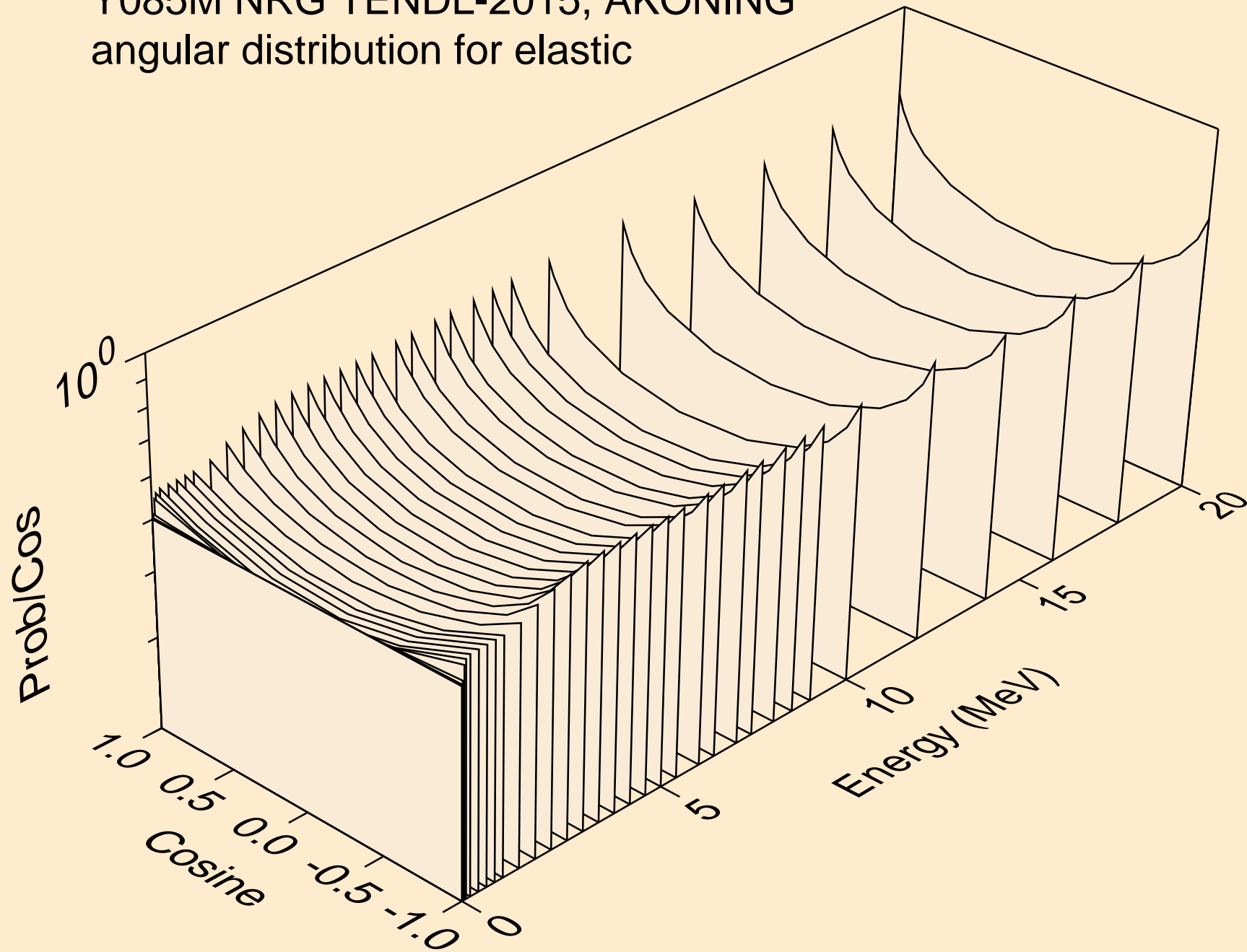


# Y085M NRG TENDL-2015, AKONING

## Threshold reactions

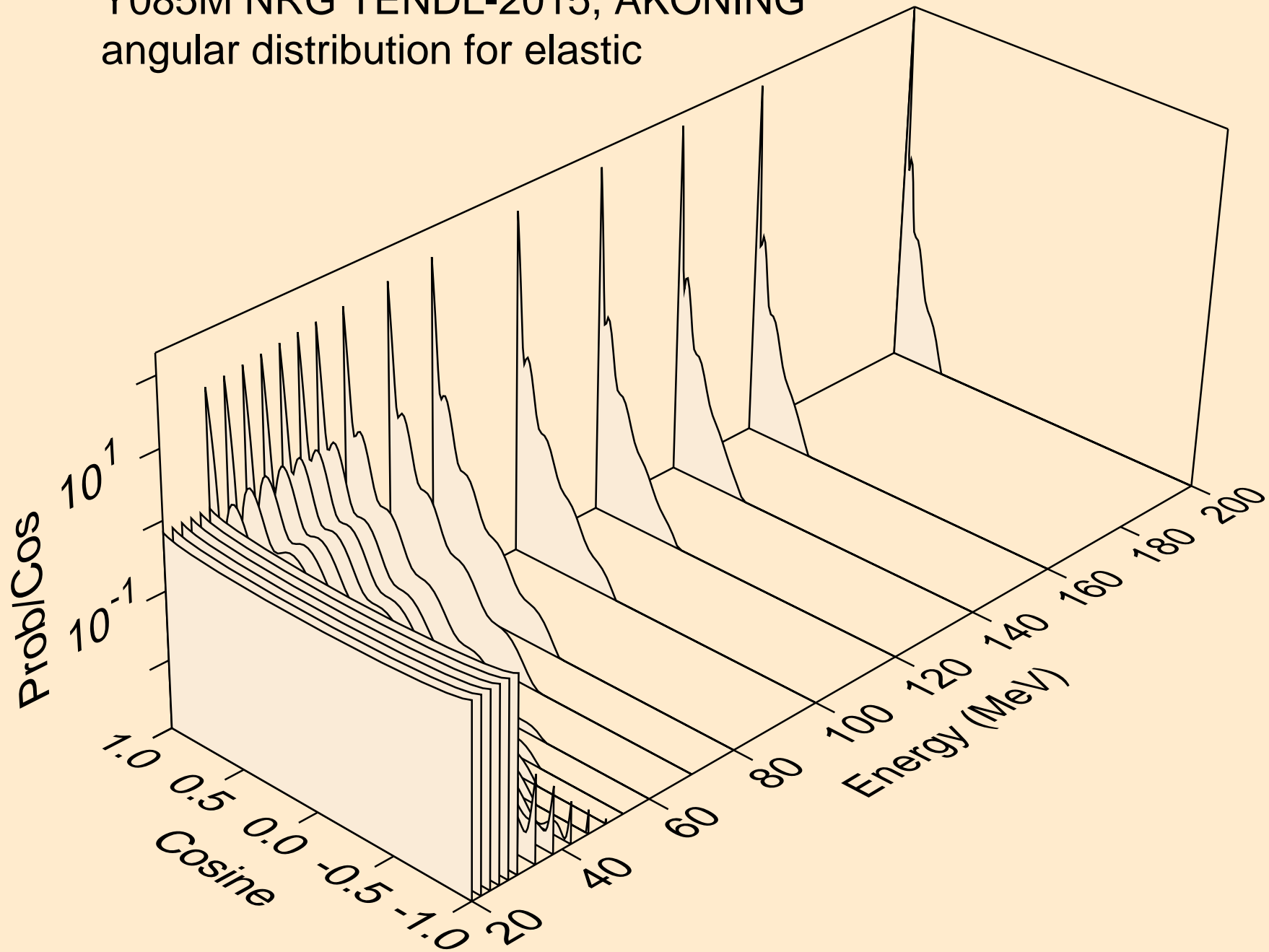


Y085M NRG TENDL-2015, AKONING  
angular distribution for elastic

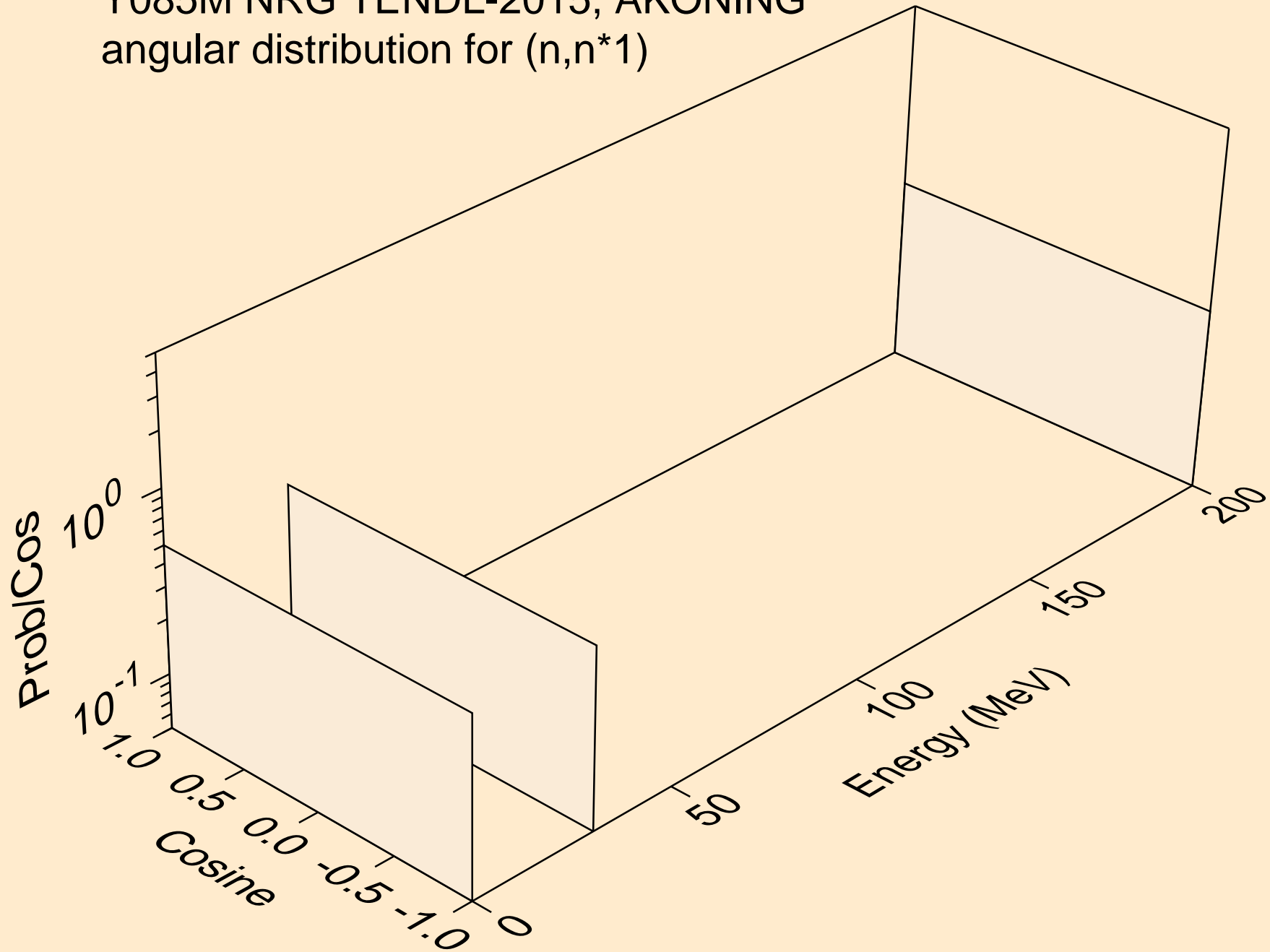




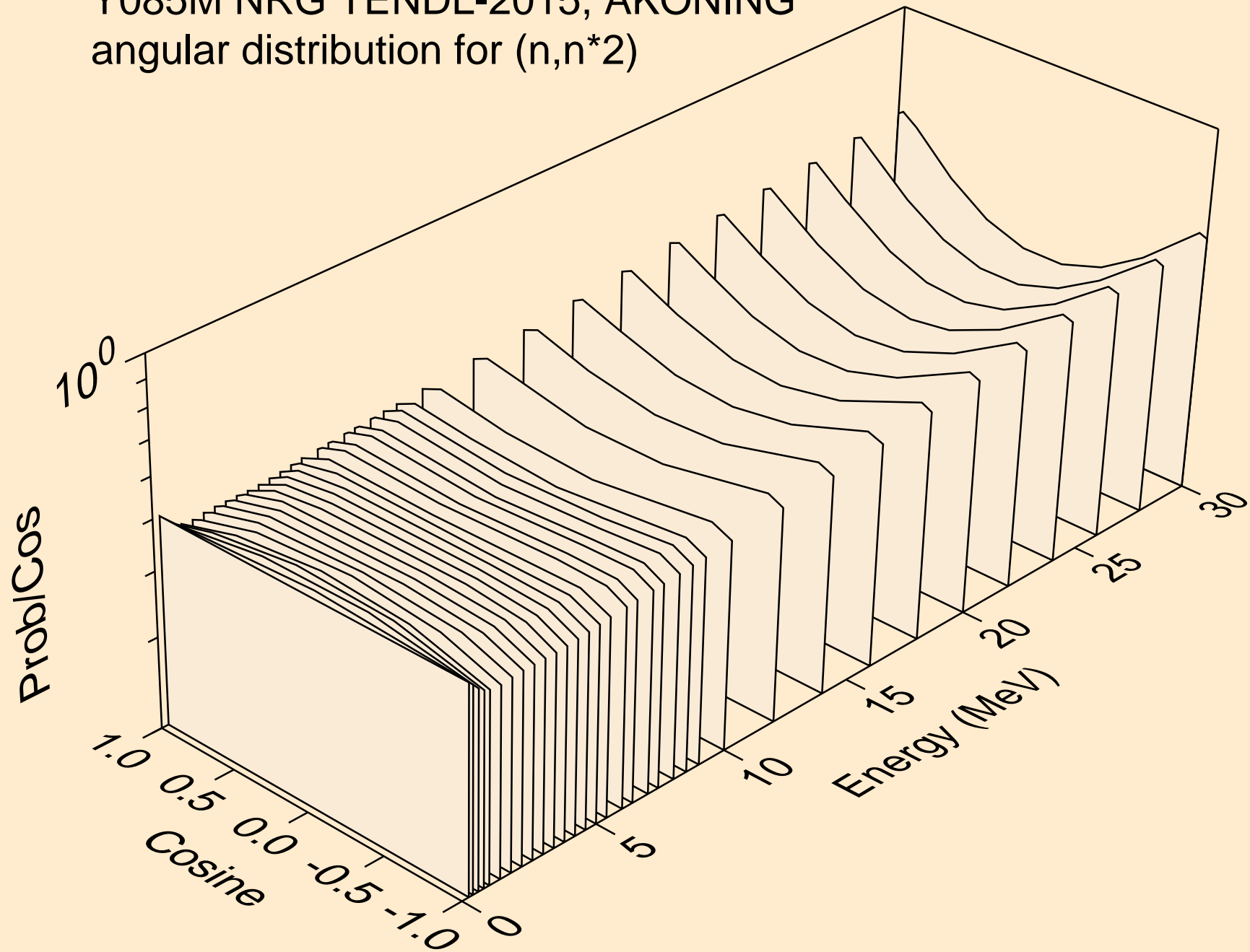
Y085M NRG TENDL-2015, AKONING  
angular distribution for elastic



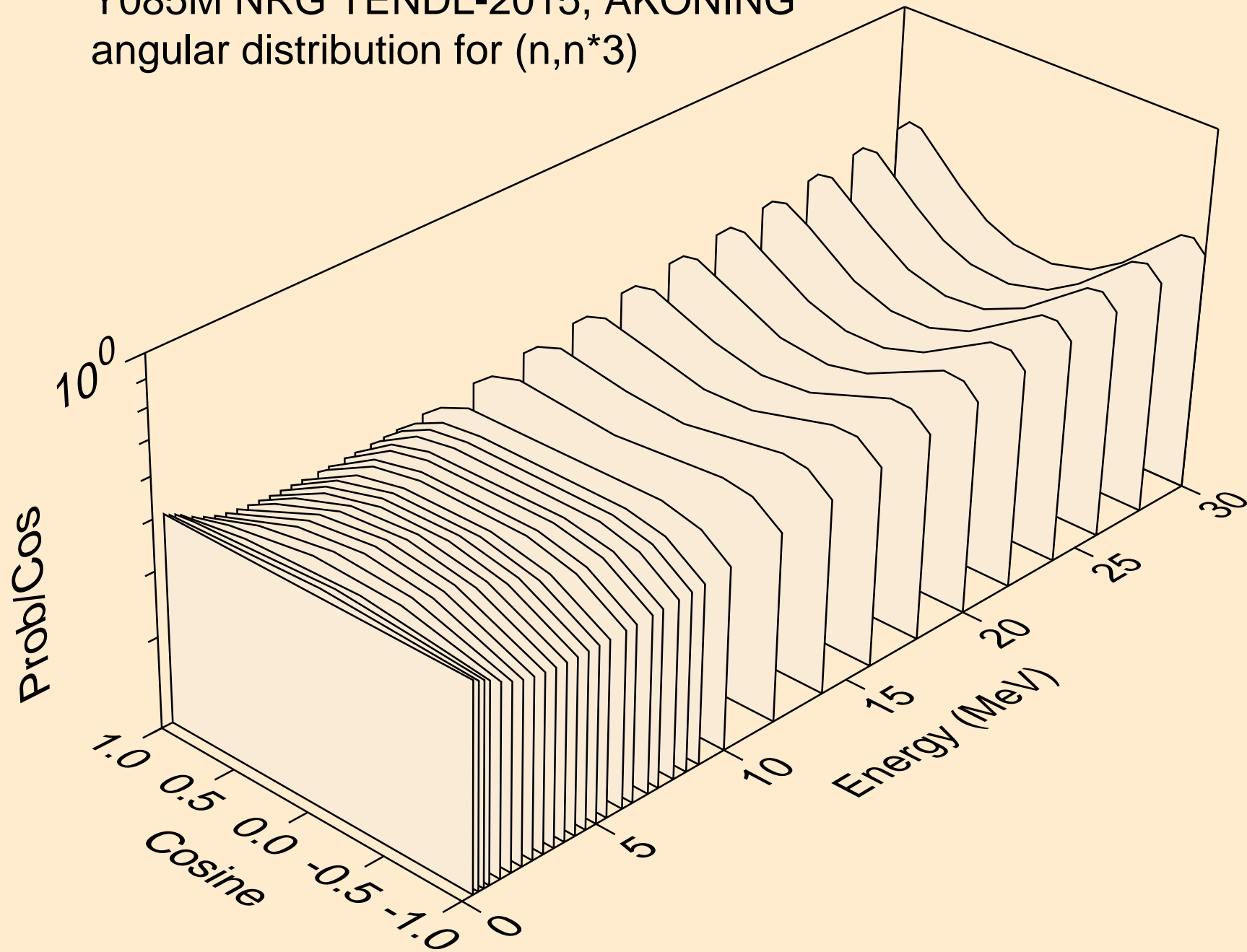
Y085M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



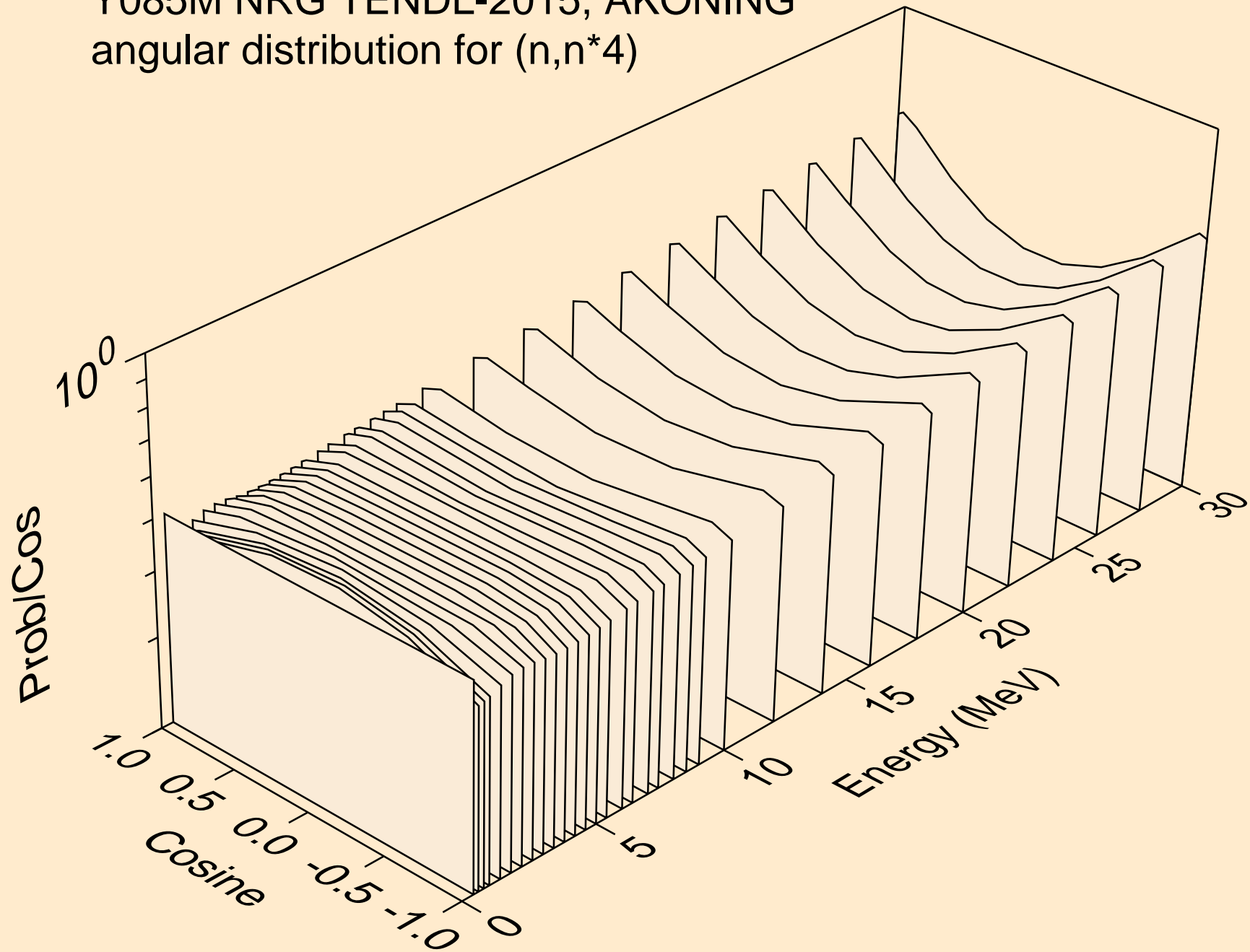
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angular distribution for (n,n\*2)



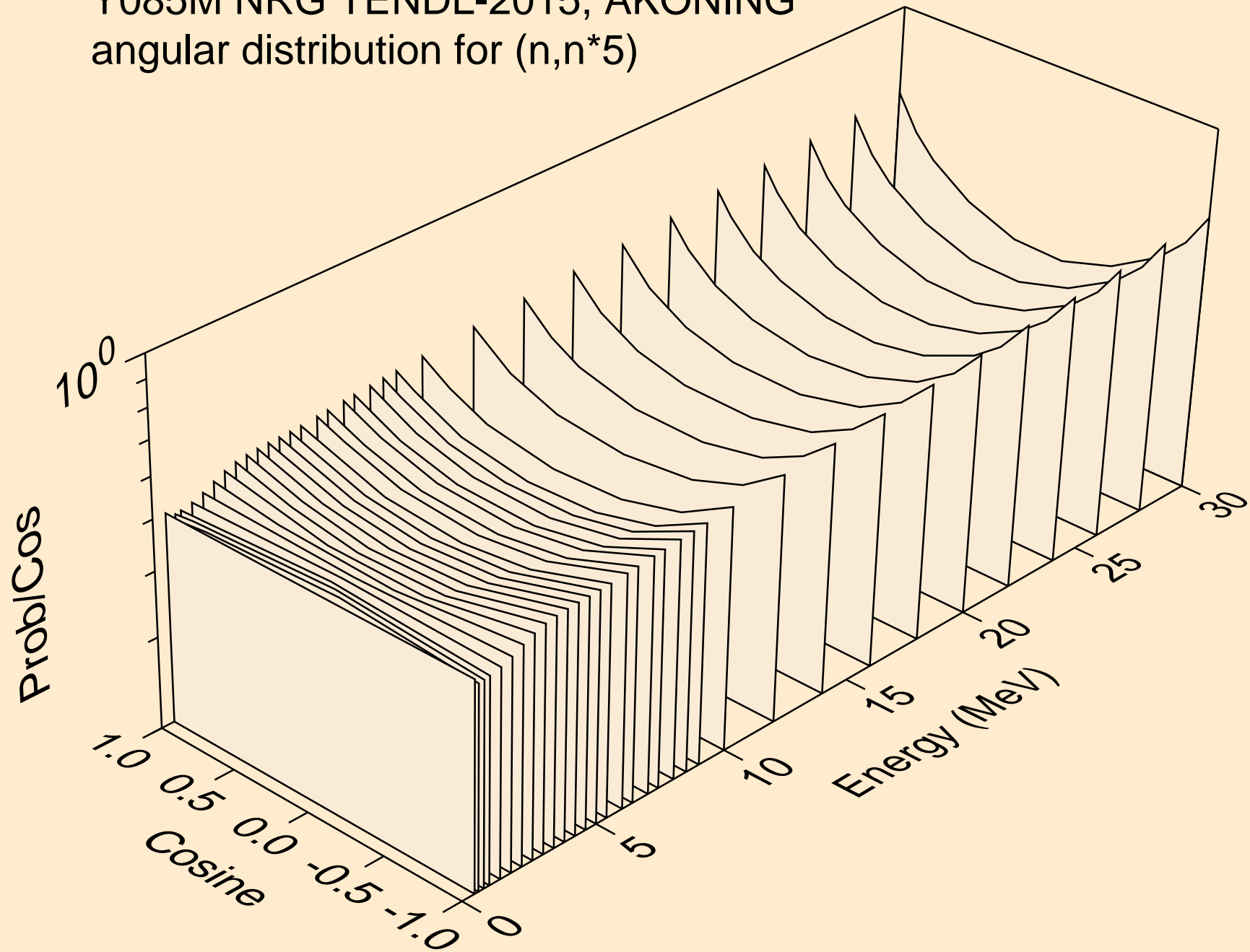
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angular distribution for (n,n\*3)



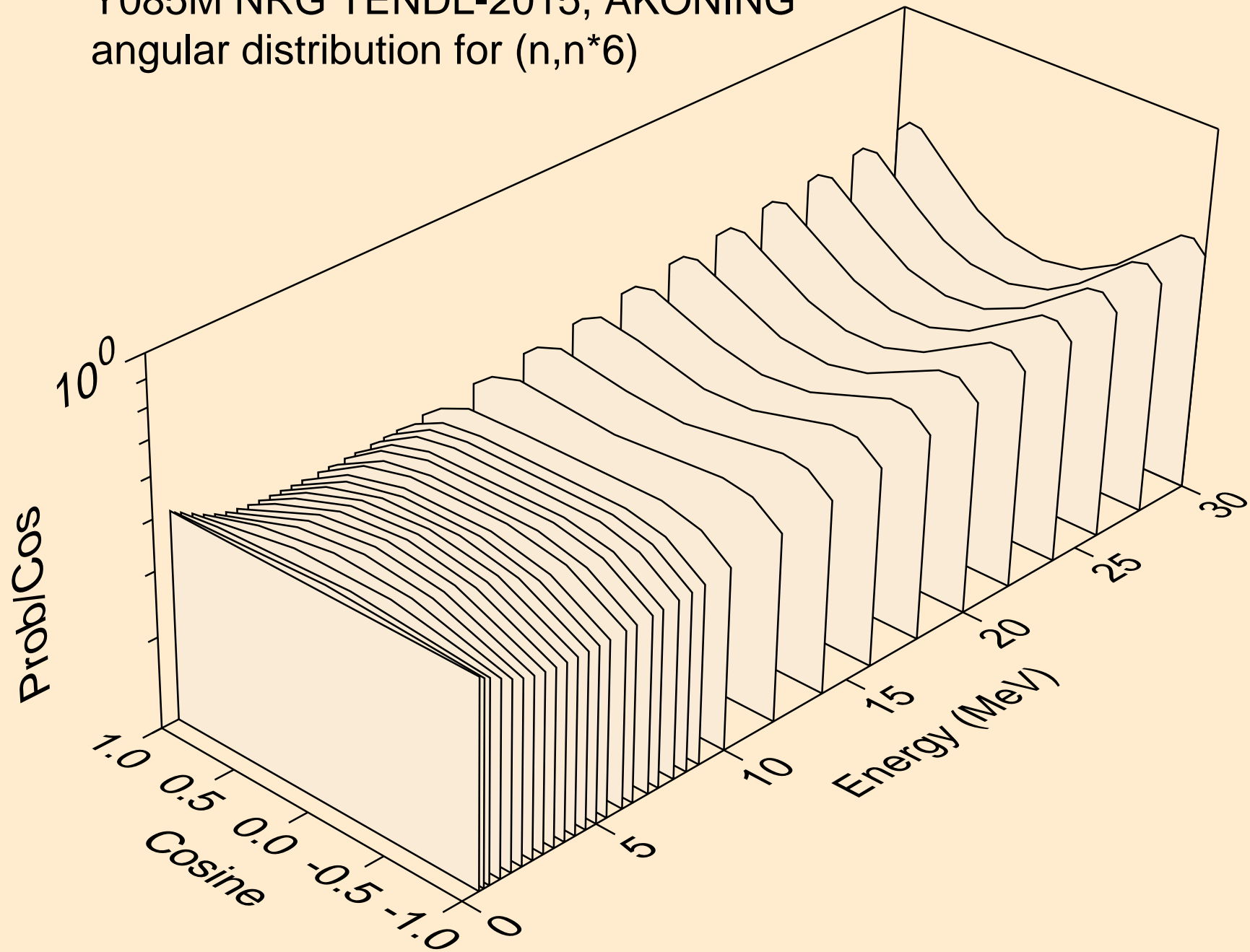
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angular distribution for (n,n\*4)



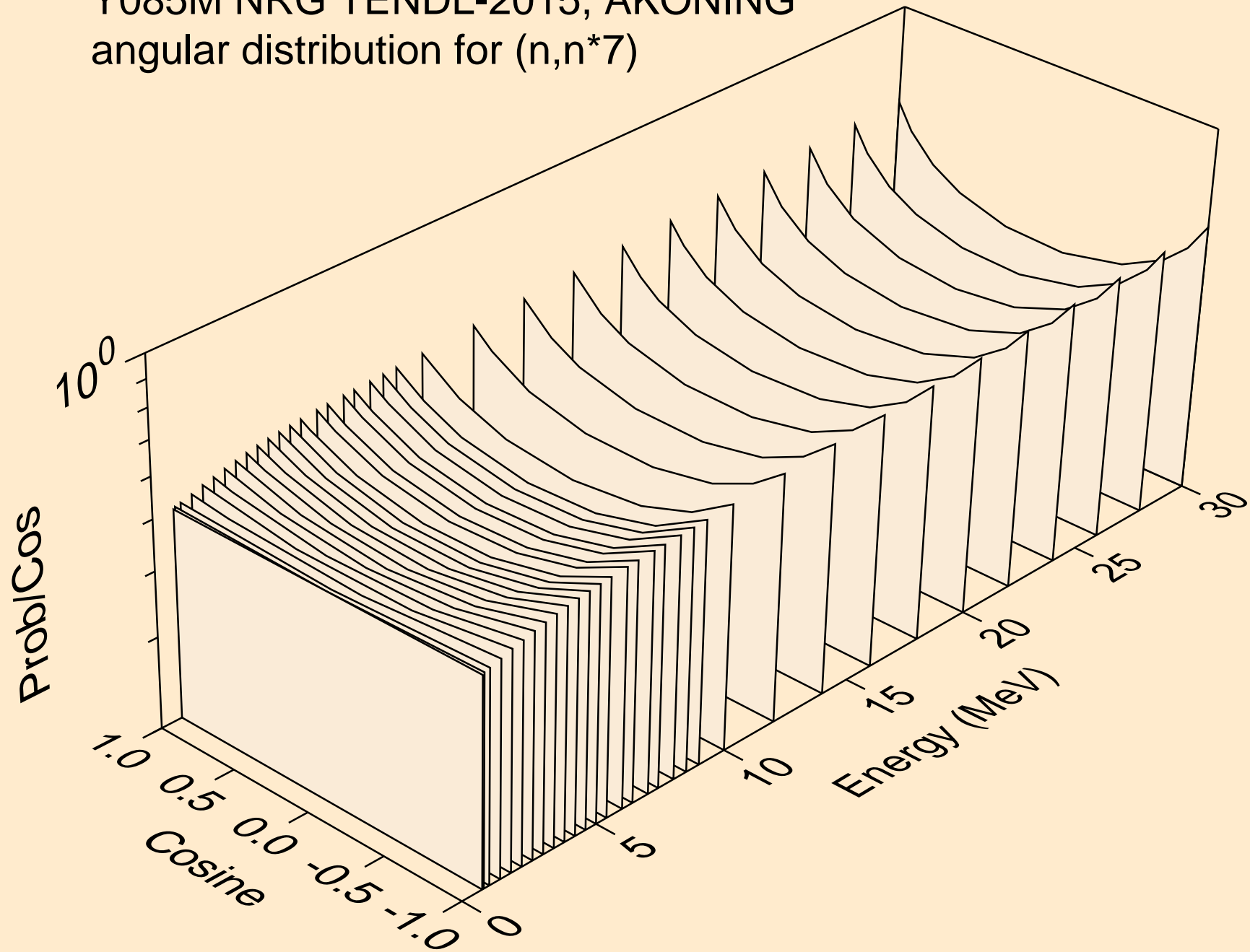
Y085M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



Y085M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

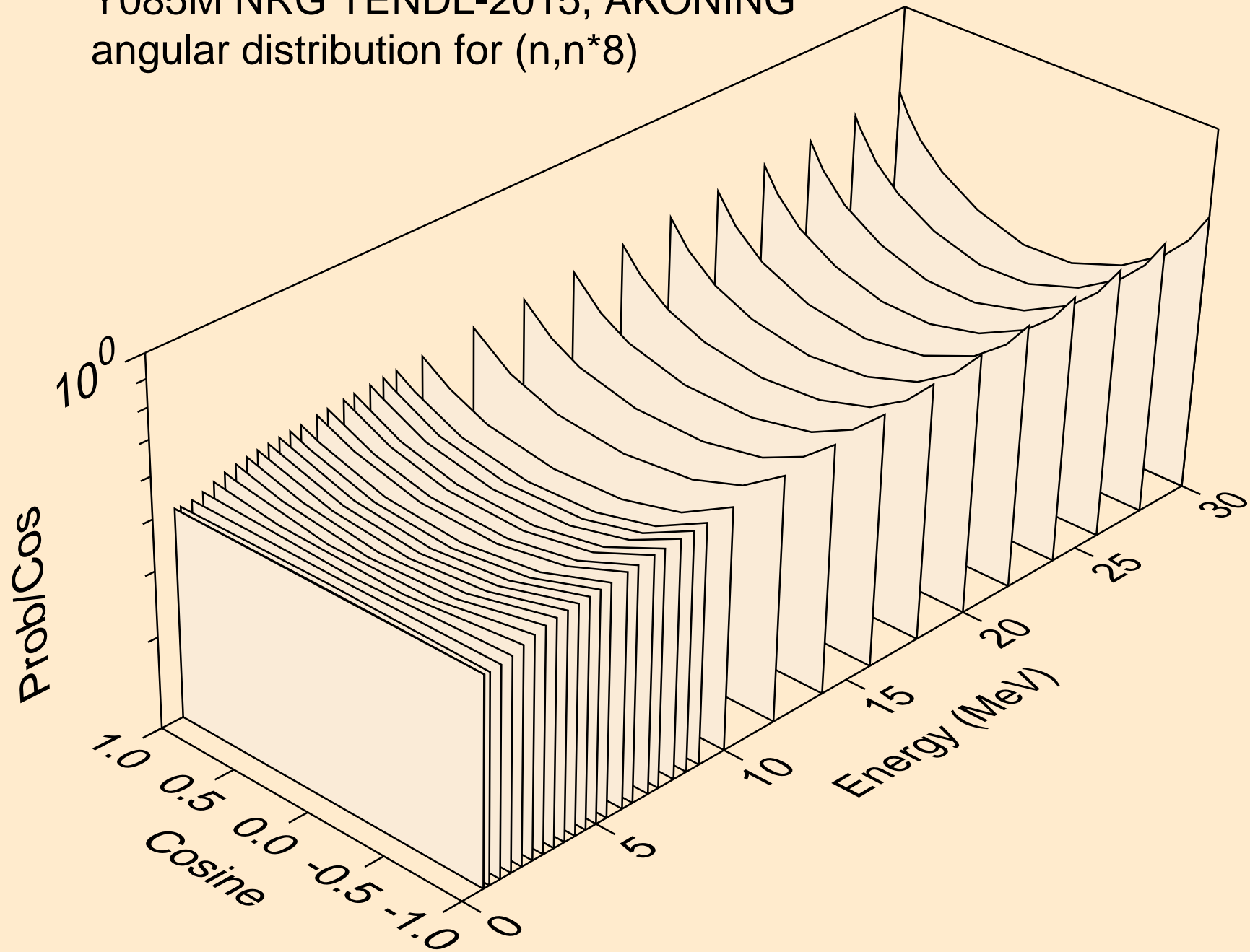


Y085M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

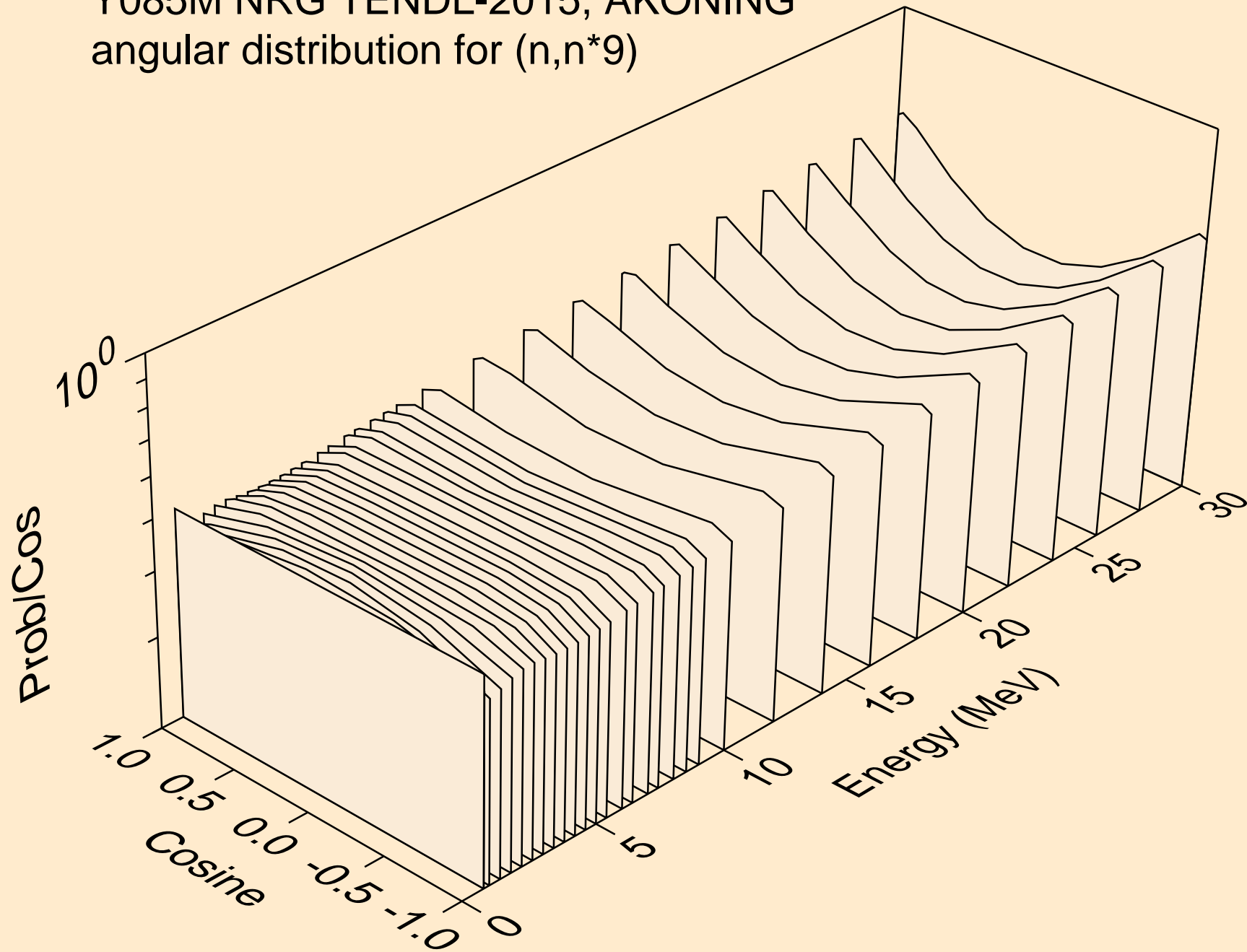




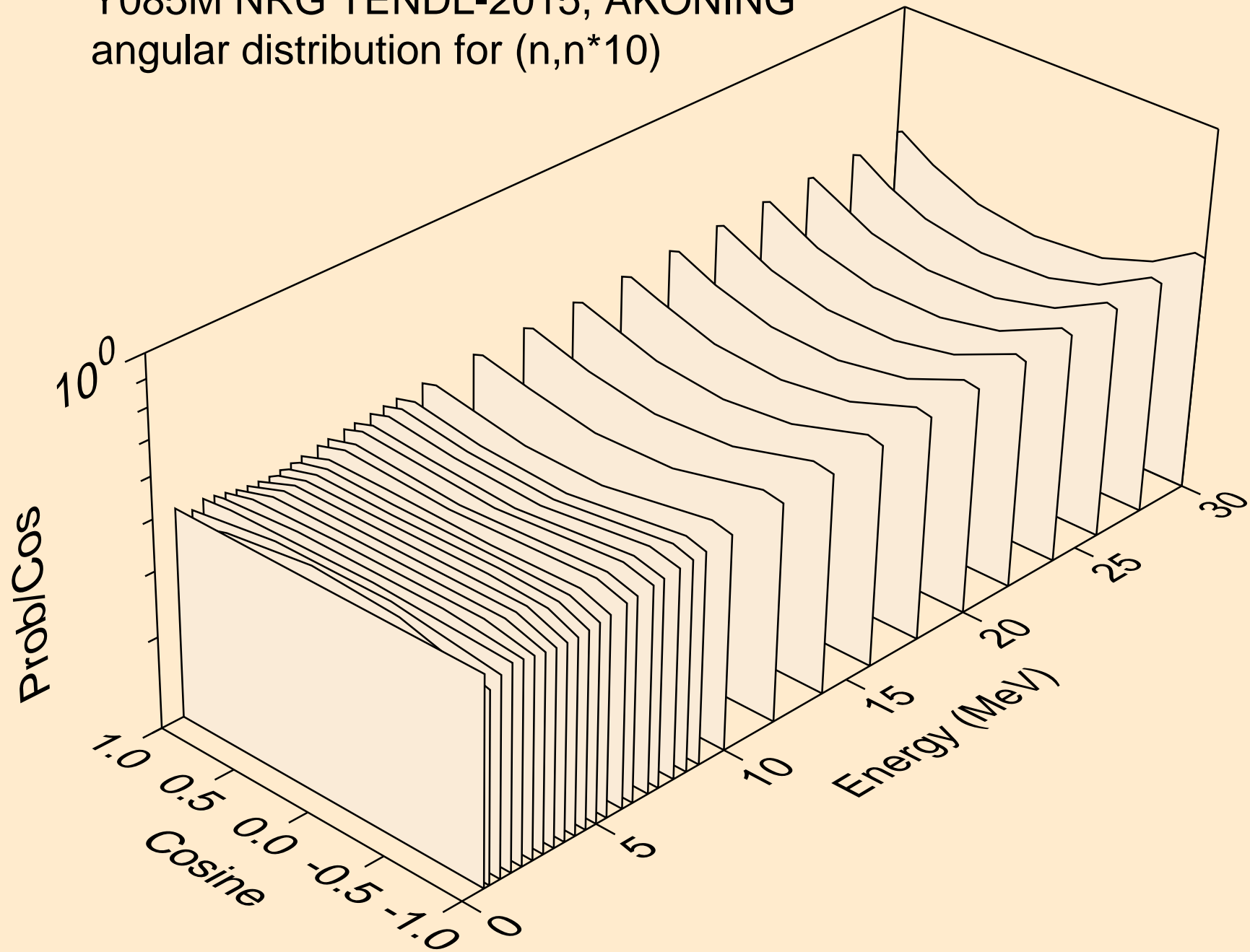
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angular distribution for (n,n\*8)



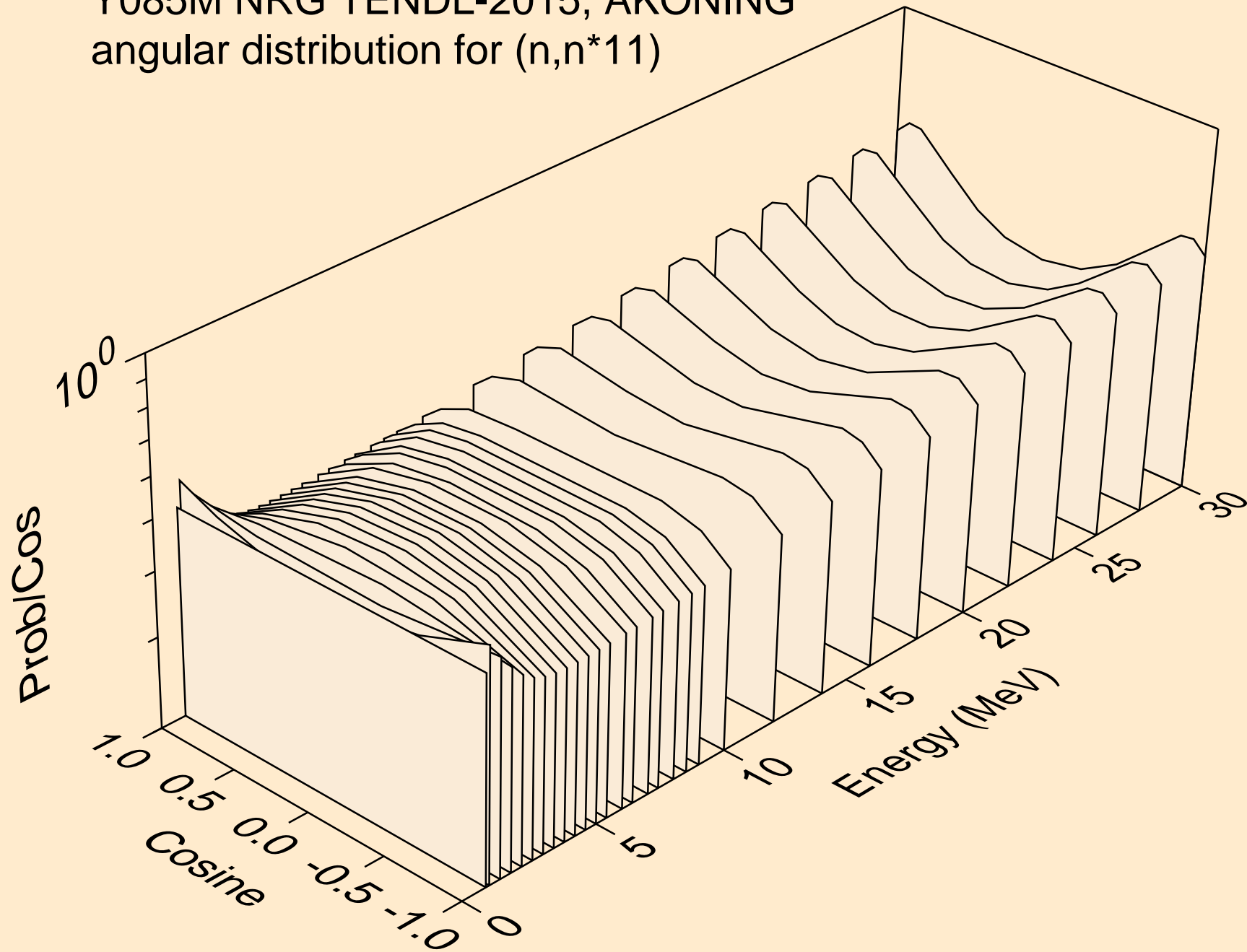
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angular distribution for (n,n\*9)



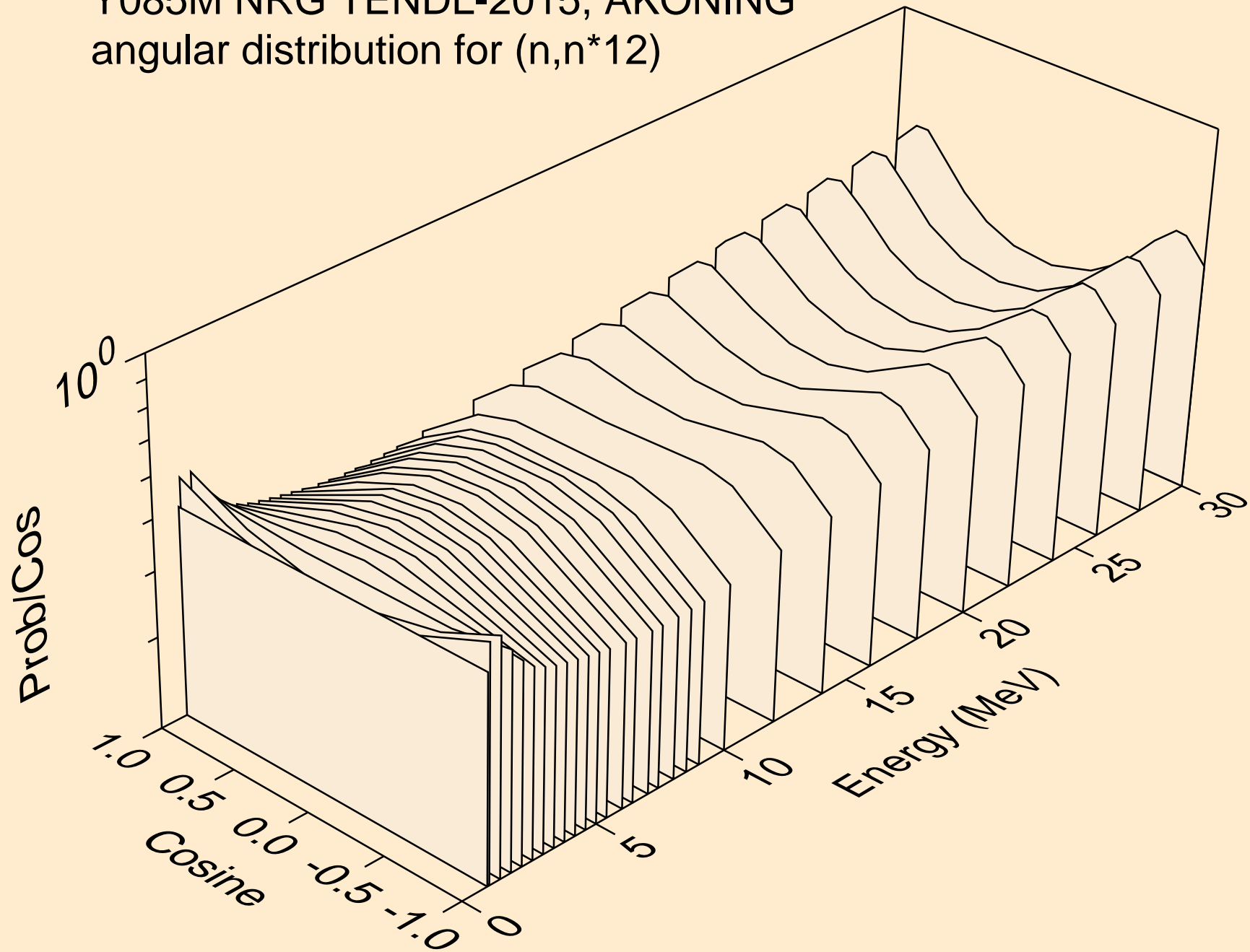
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angular distribution for (n,n\*10)



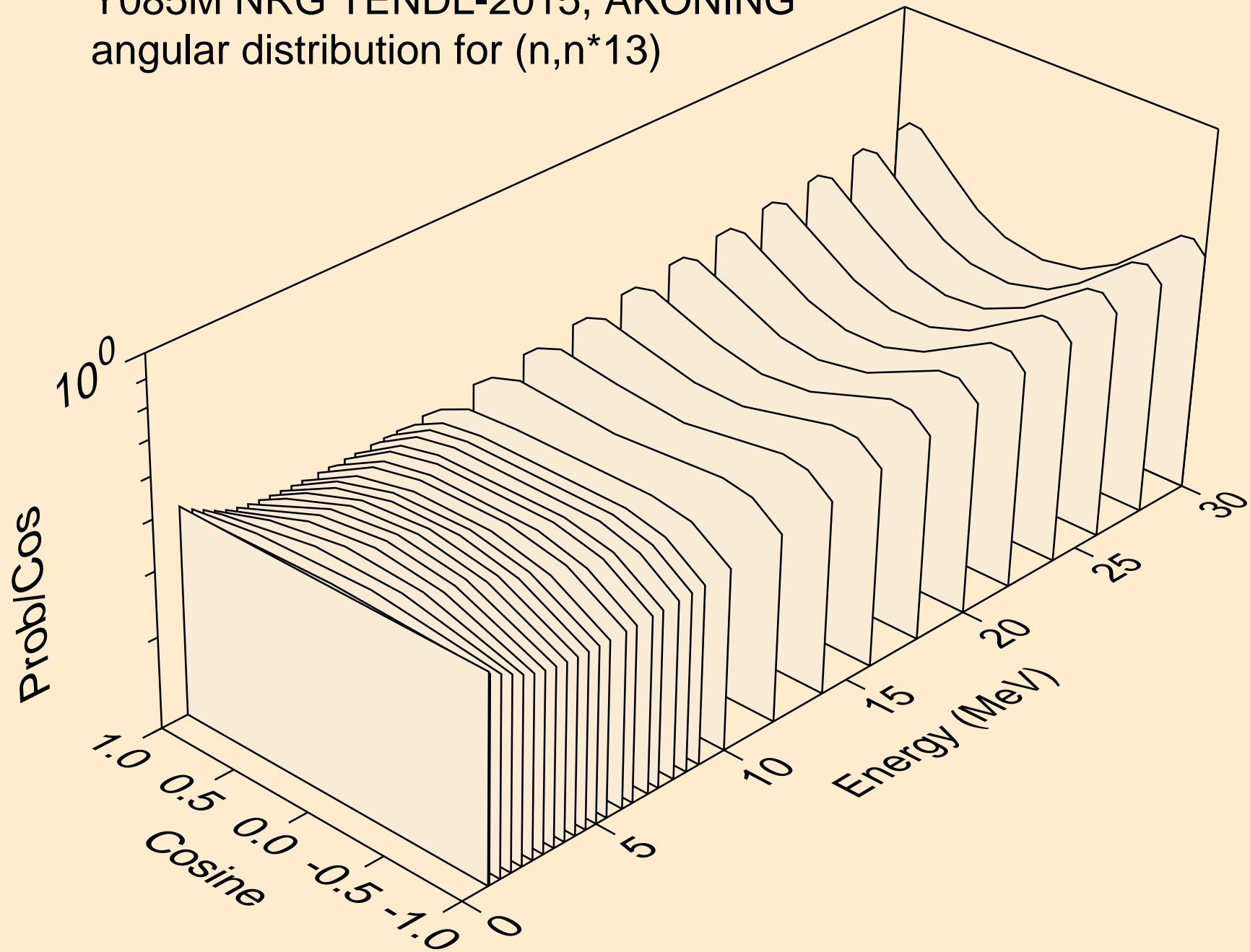
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angular distribution for (n,n\*11)



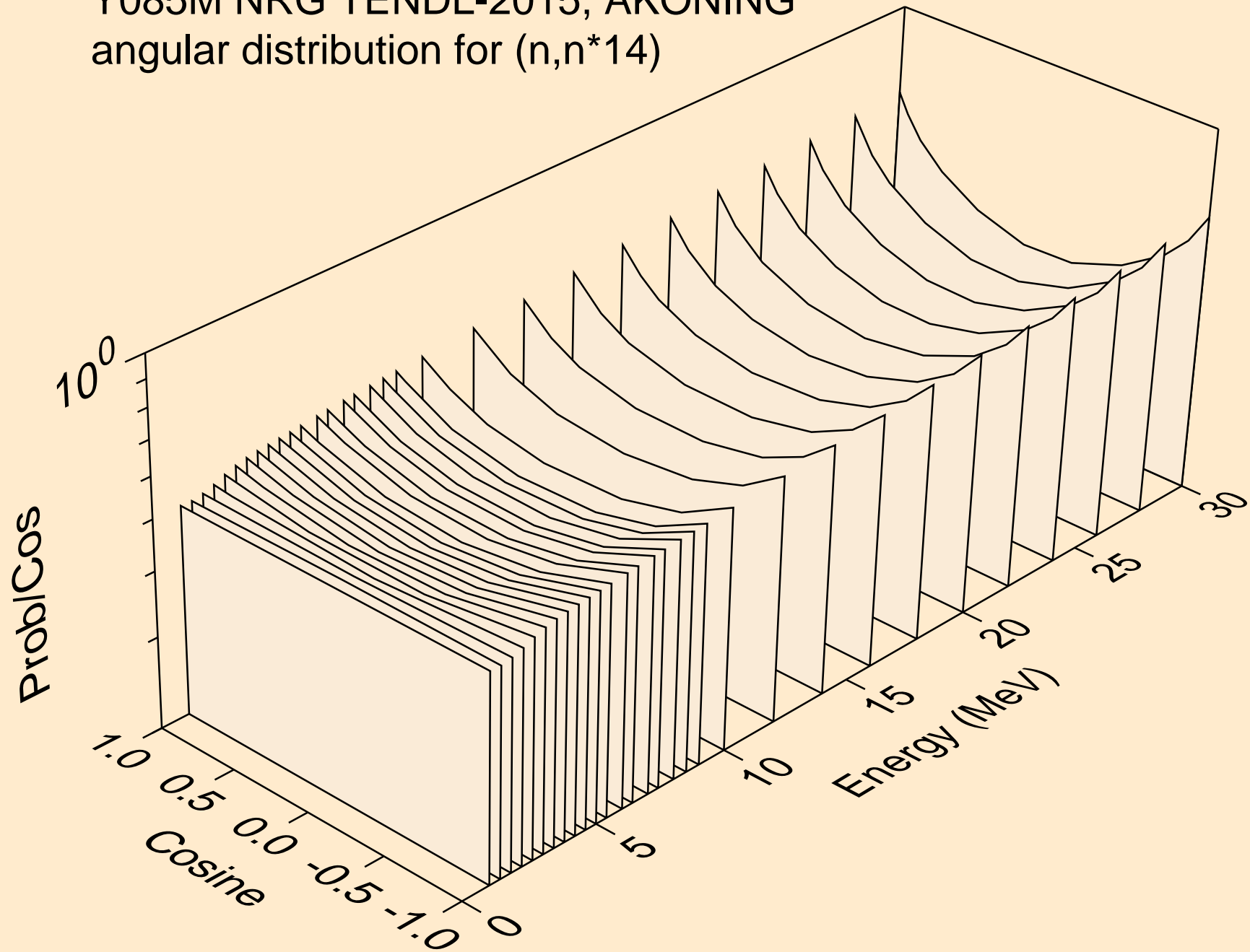
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angular distribution for (n,n\*12)



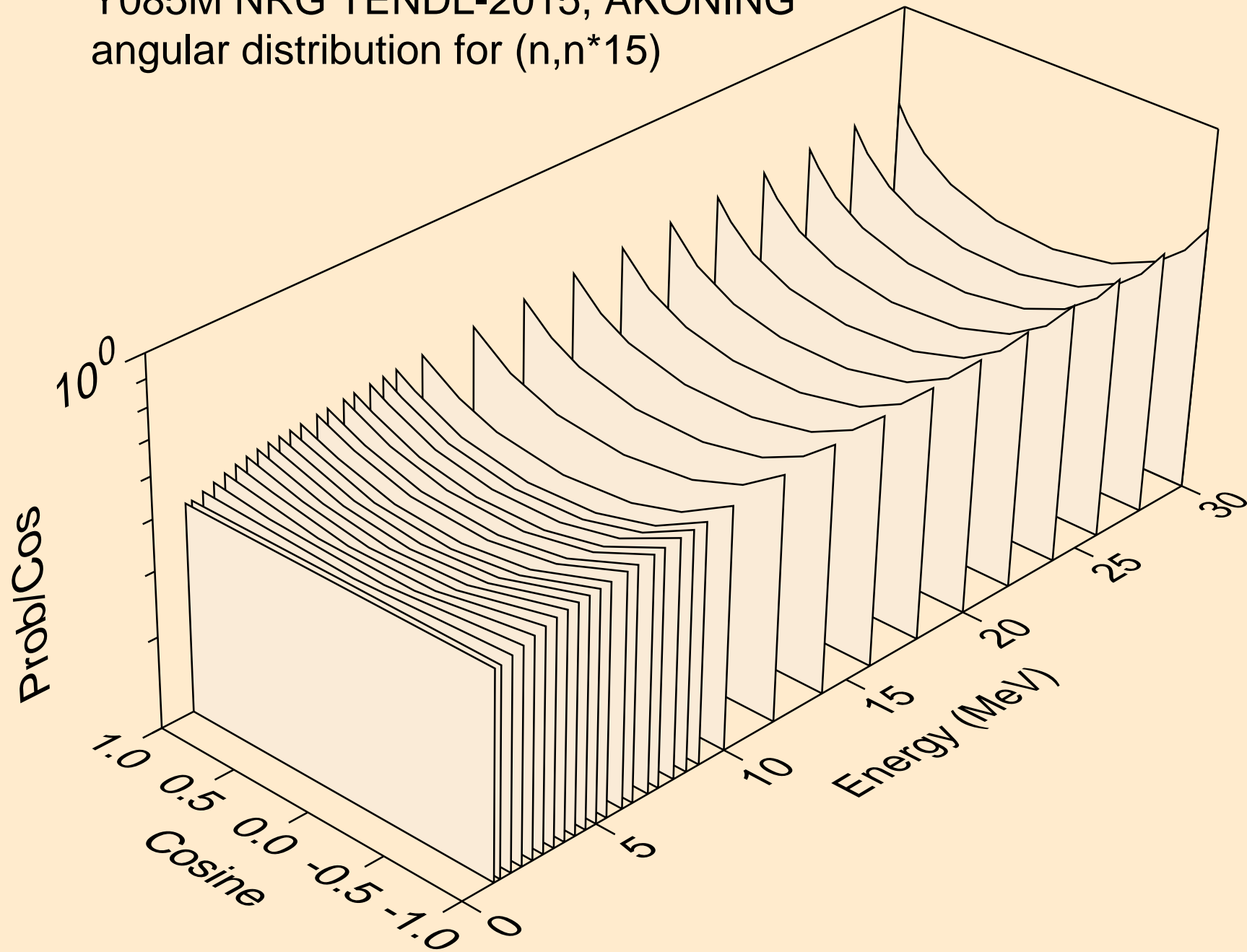
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angular distribution for (n,n\*13)



Y085M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

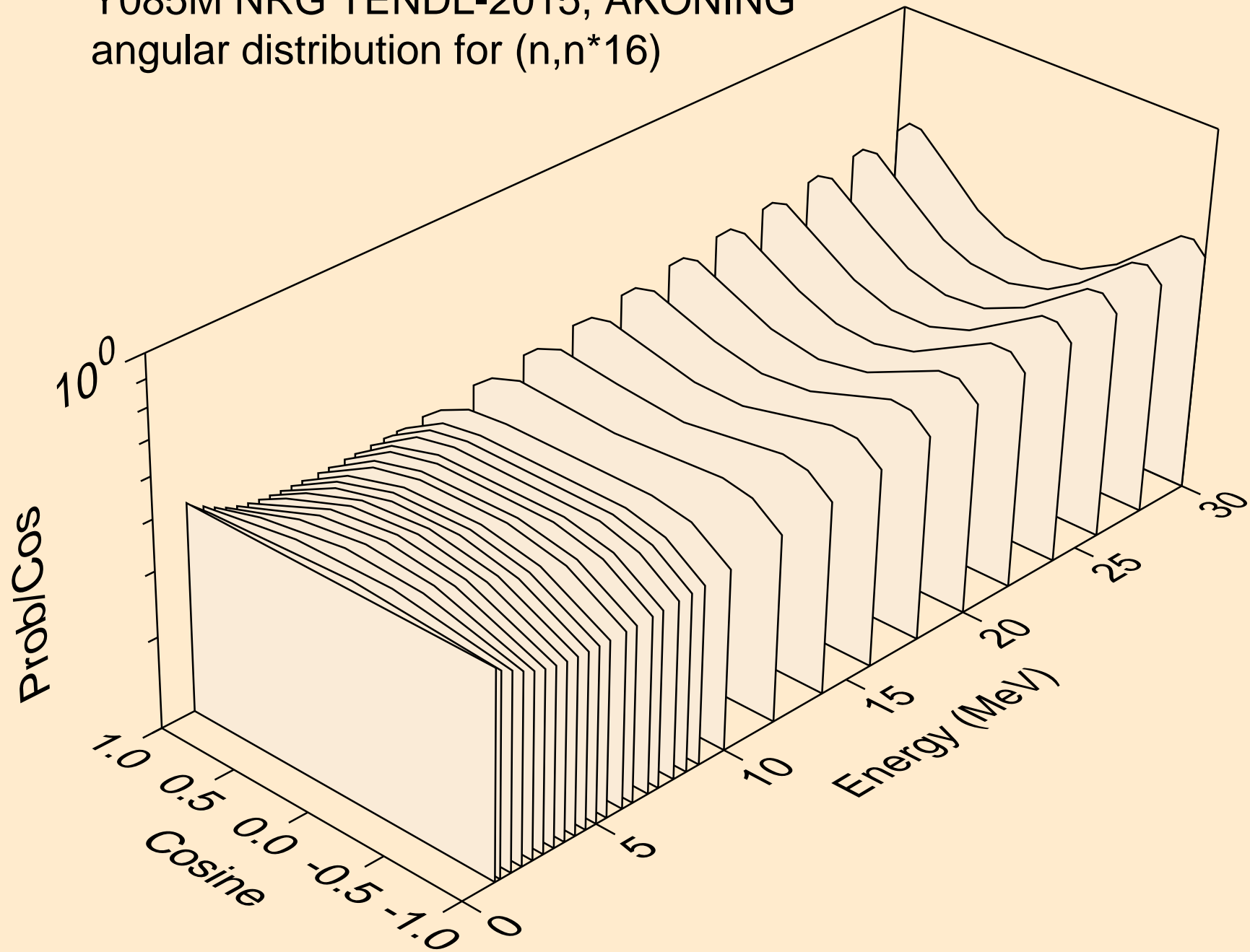


Y085M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

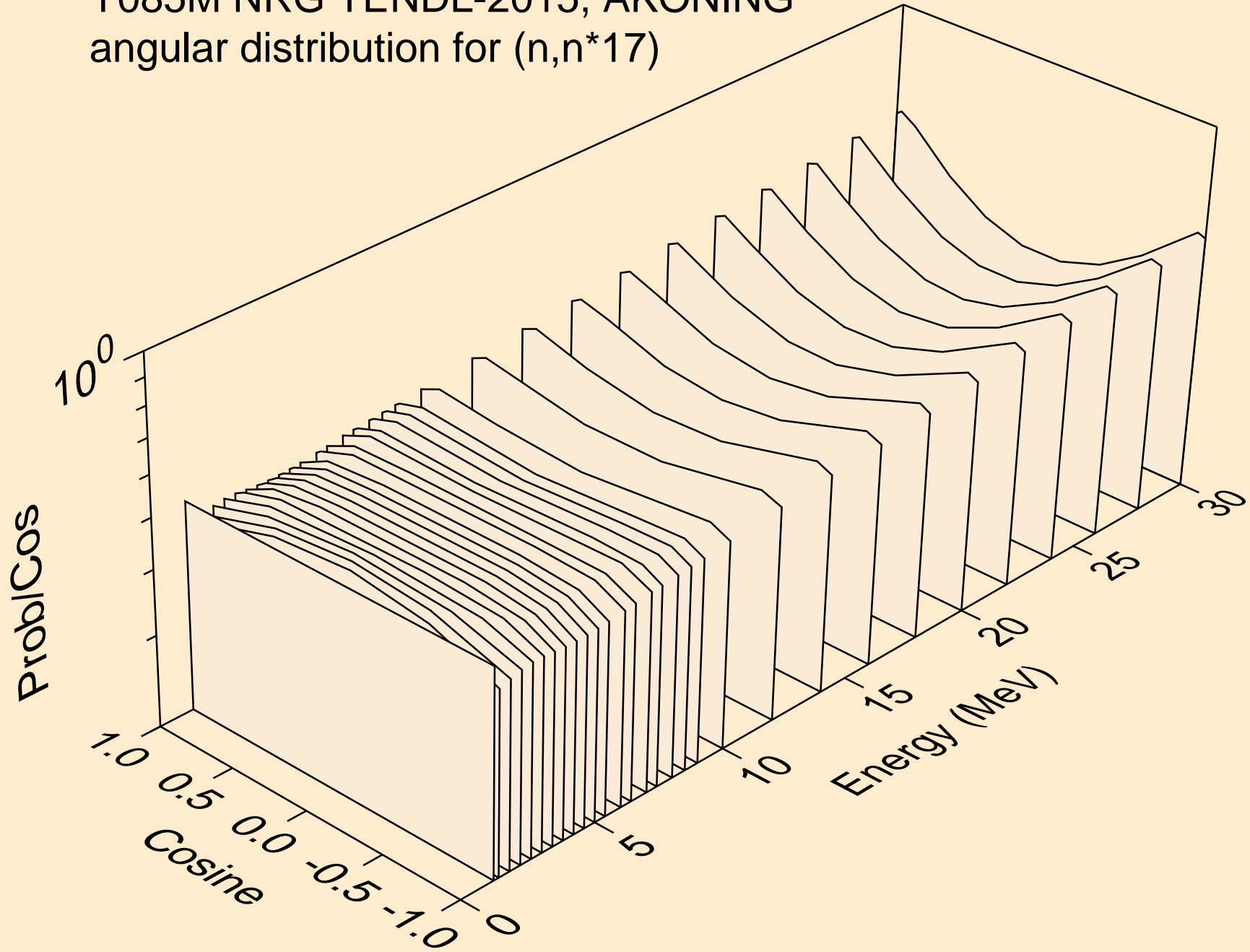




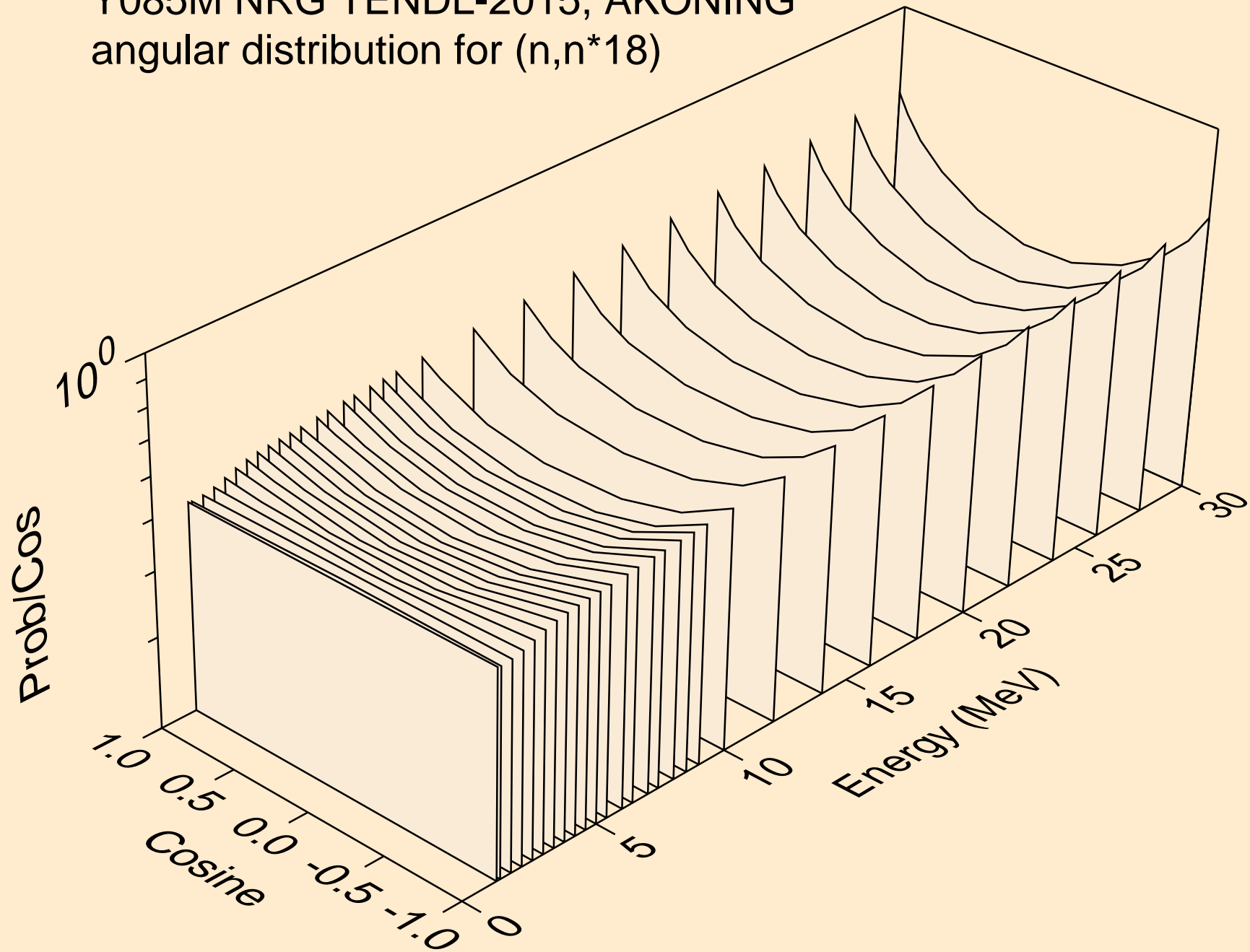
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angular distribution for (n,n\*16)



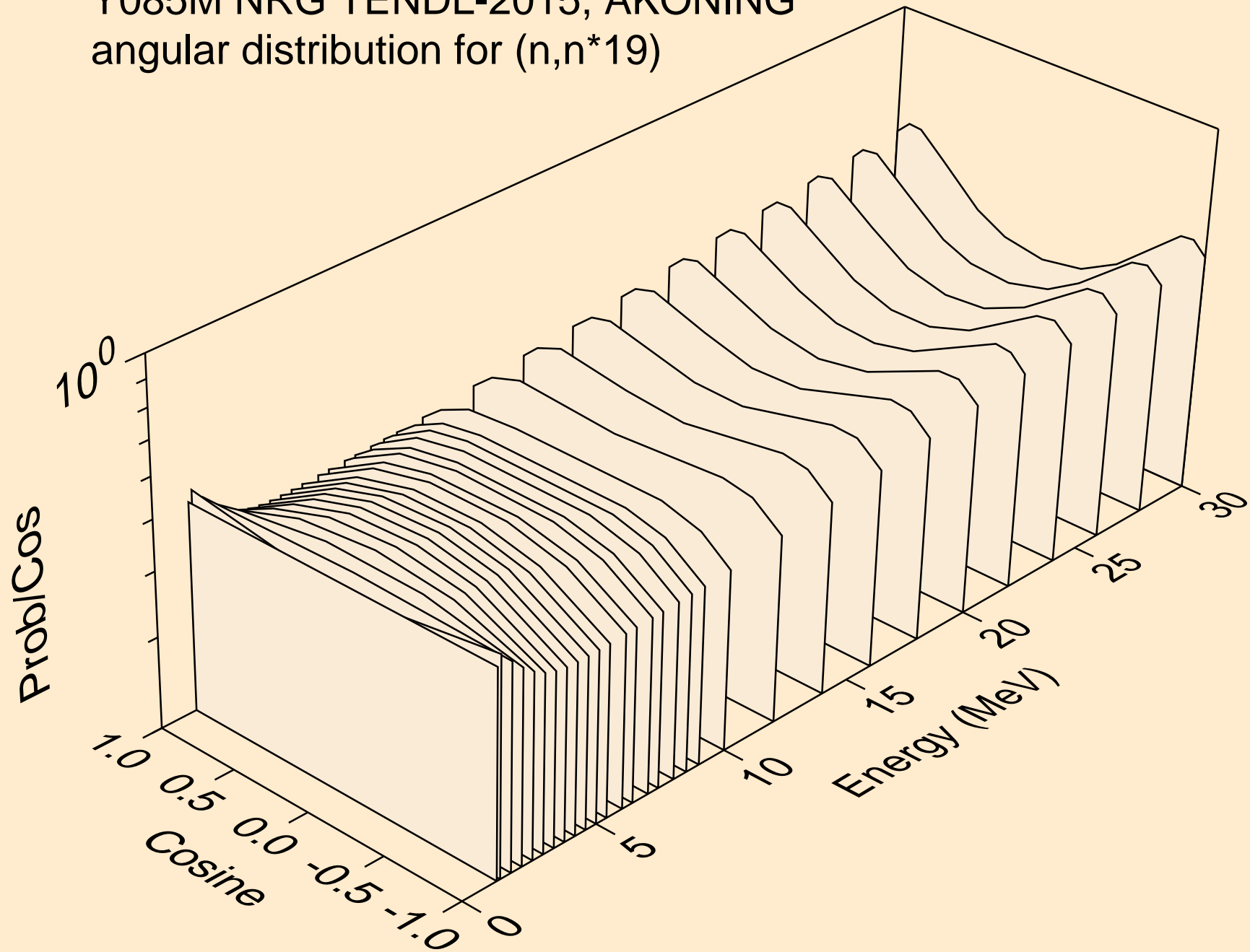
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angular distribution for (n,n\*17)



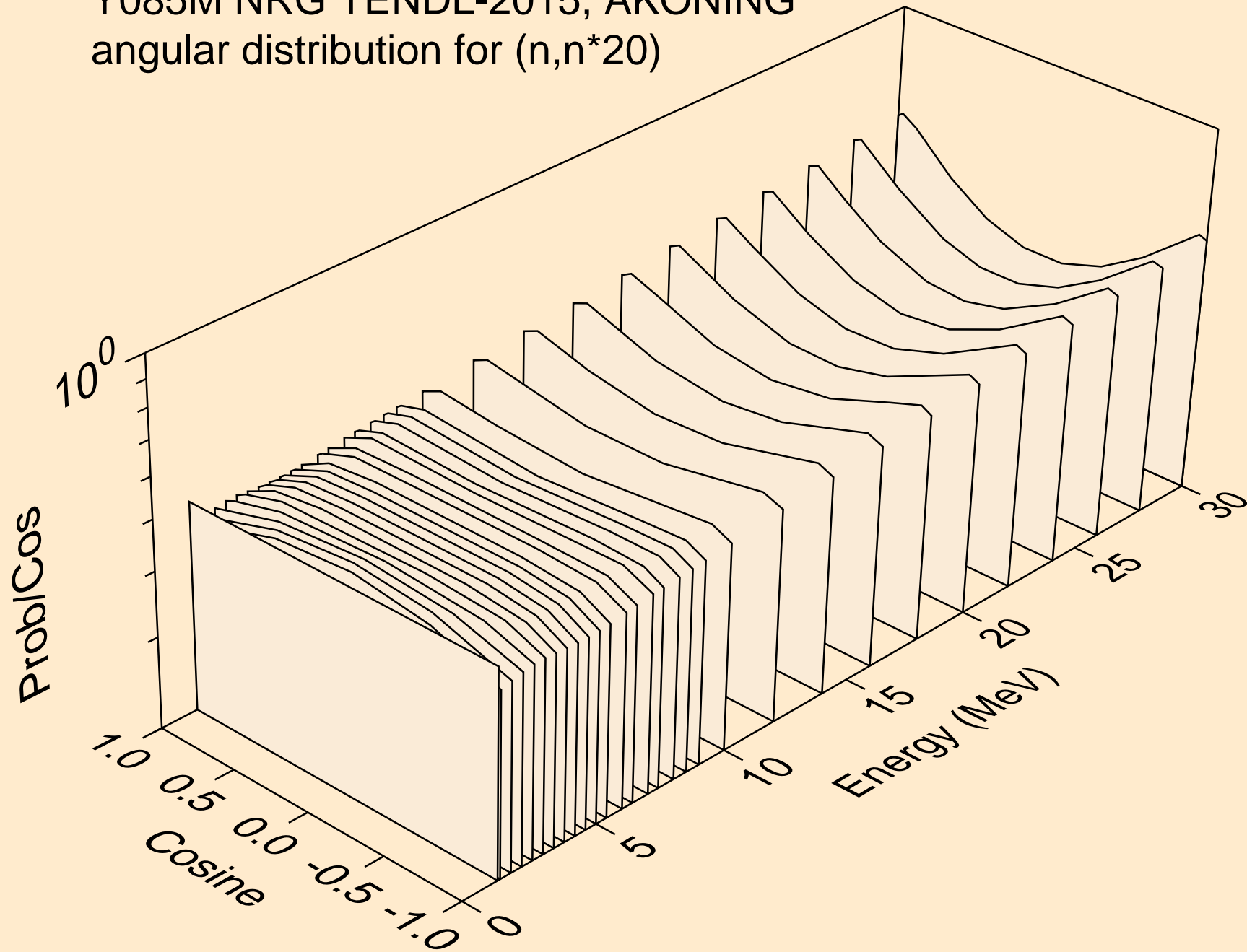
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angular distribution for (n,n\*18)



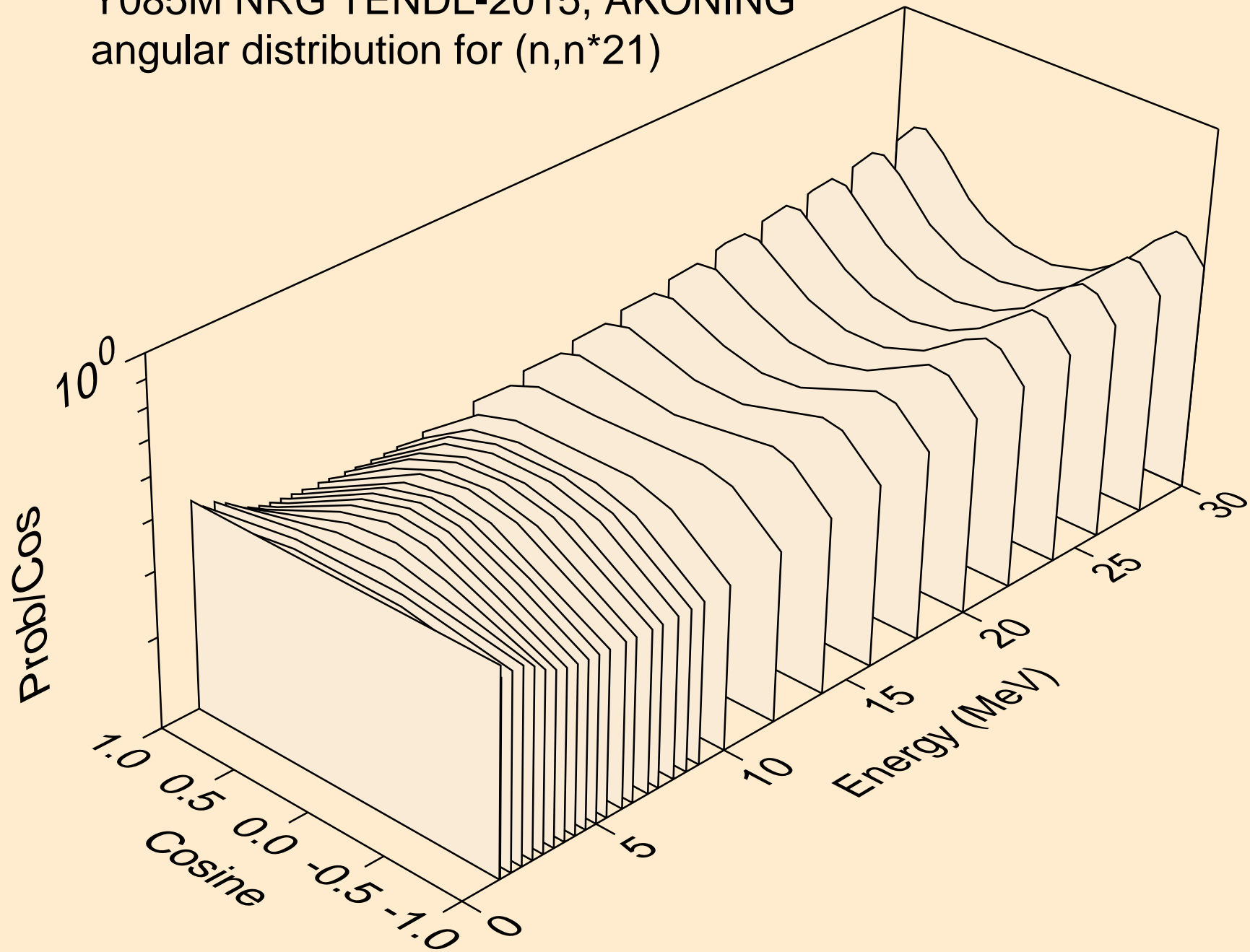
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angular distribution for (n,n\*19)



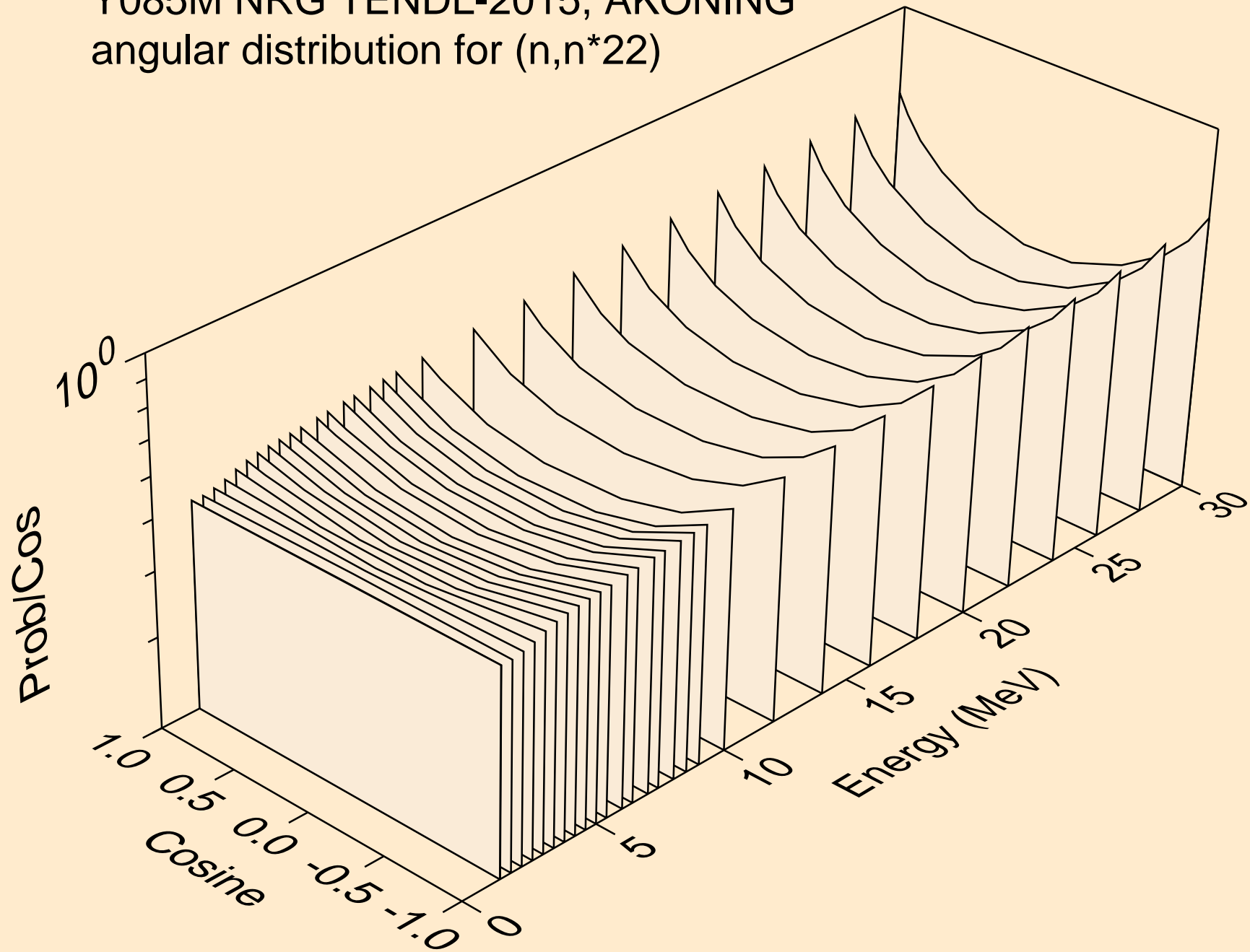
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angular distribution for (n,n\*20)



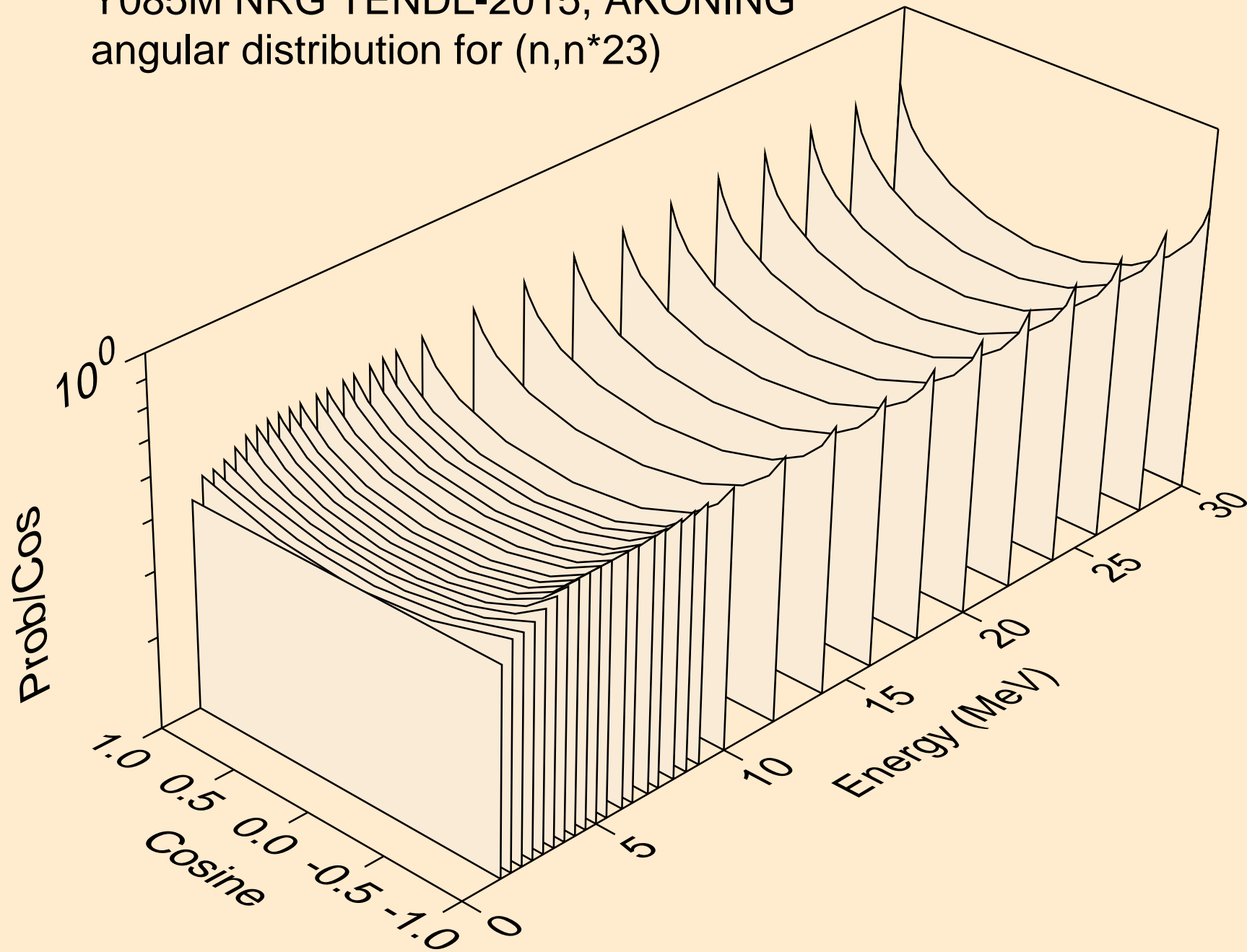
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angular distribution for (n,n\*21)



Y085M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

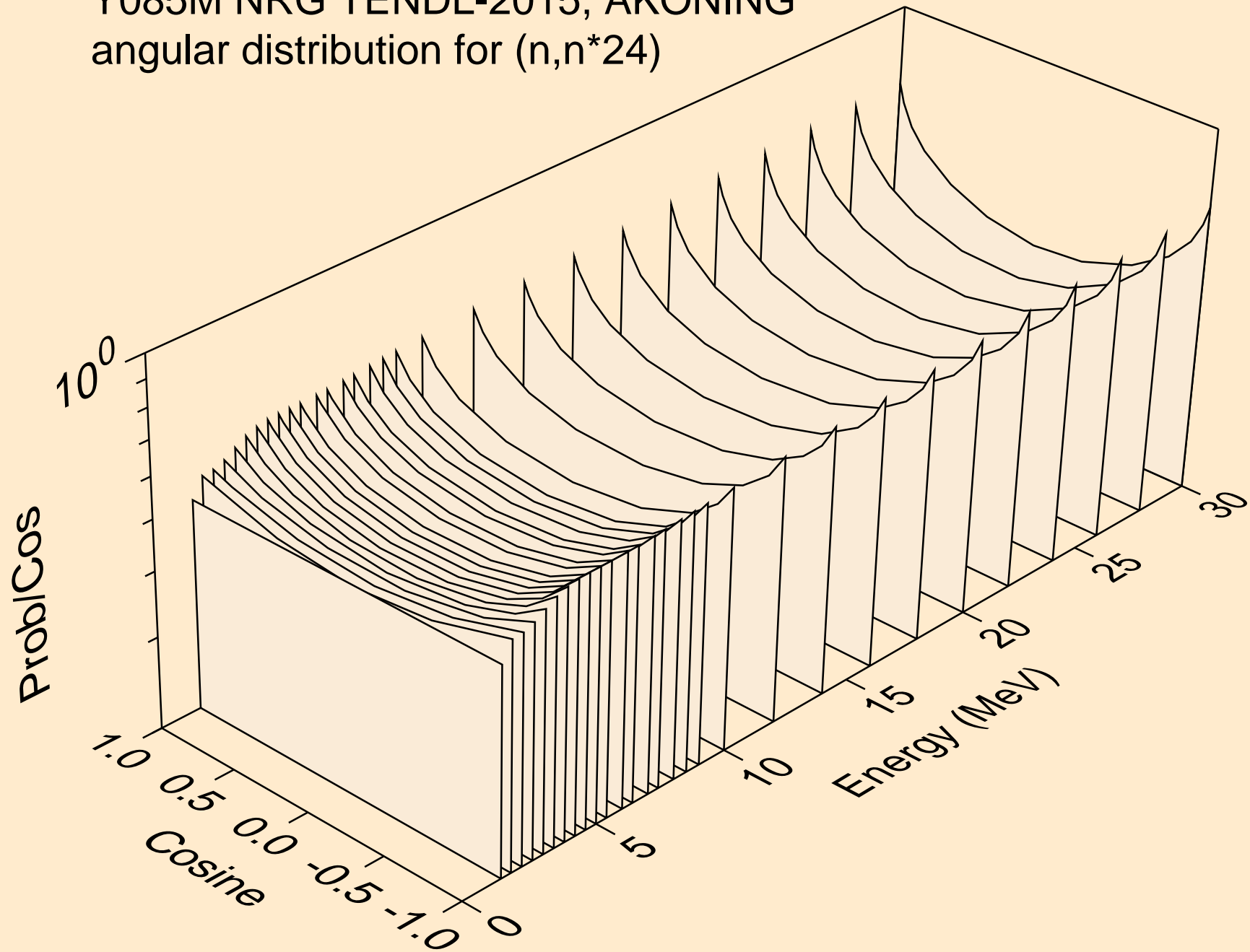


Y085M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

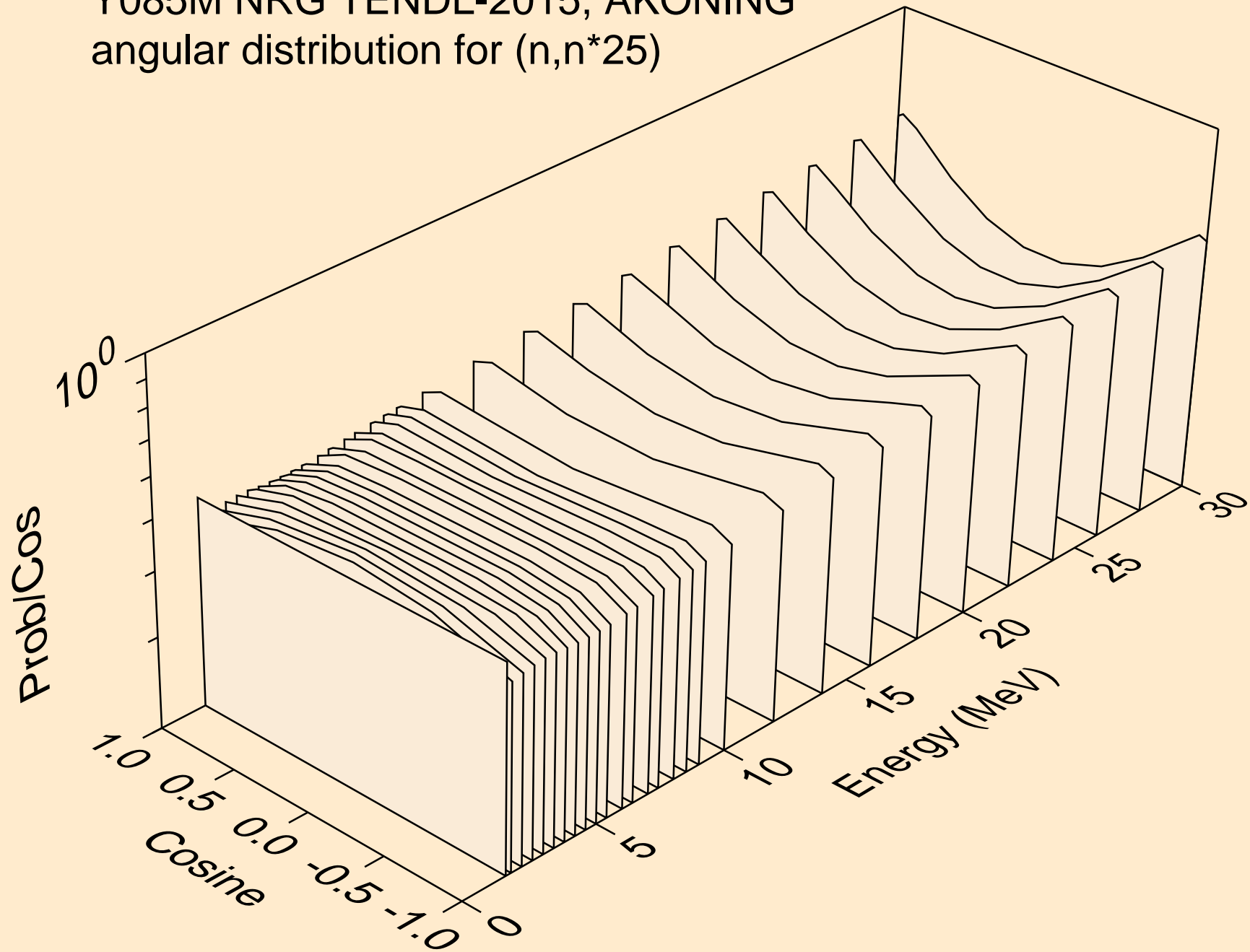




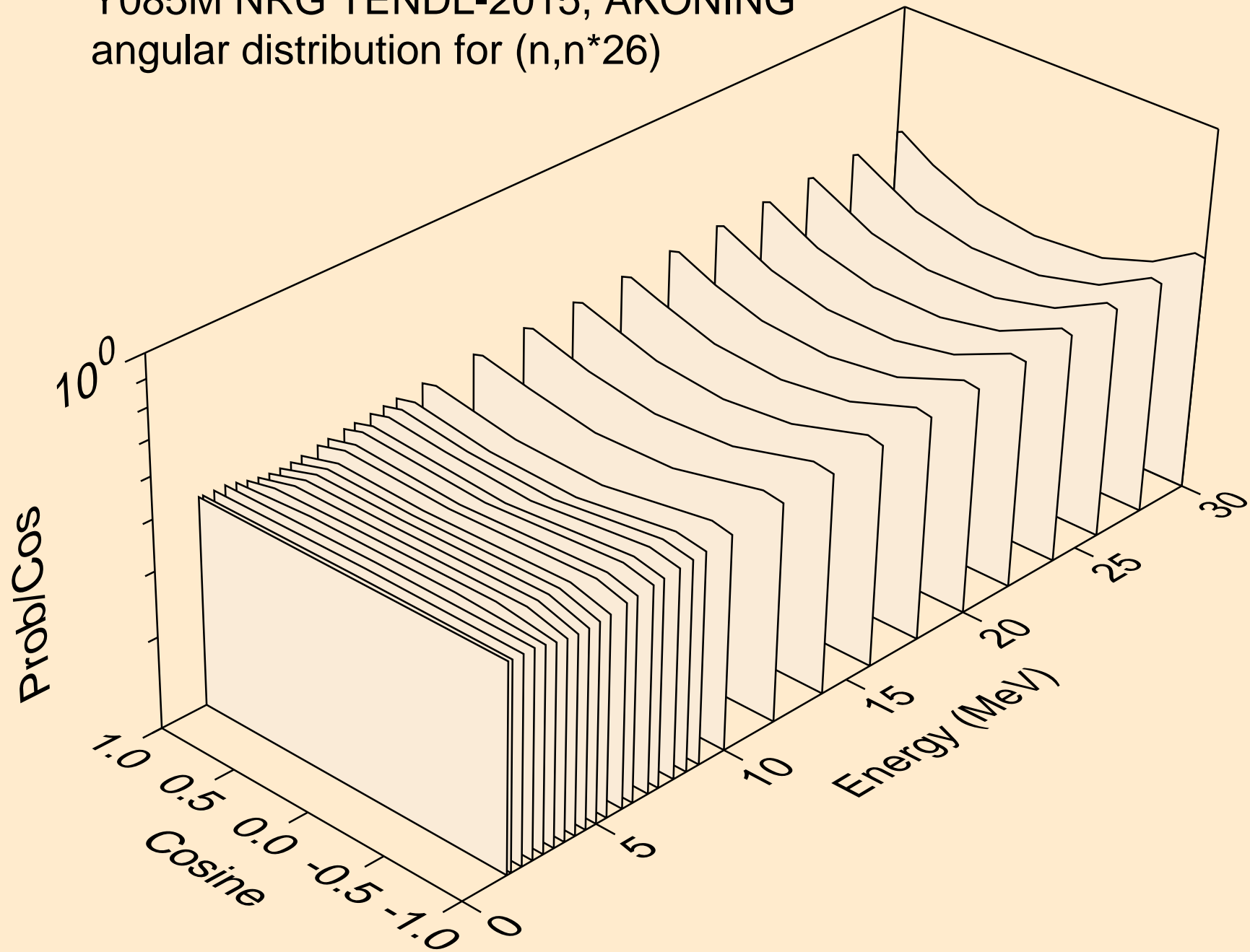
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angular distribution for (n,n\*24)



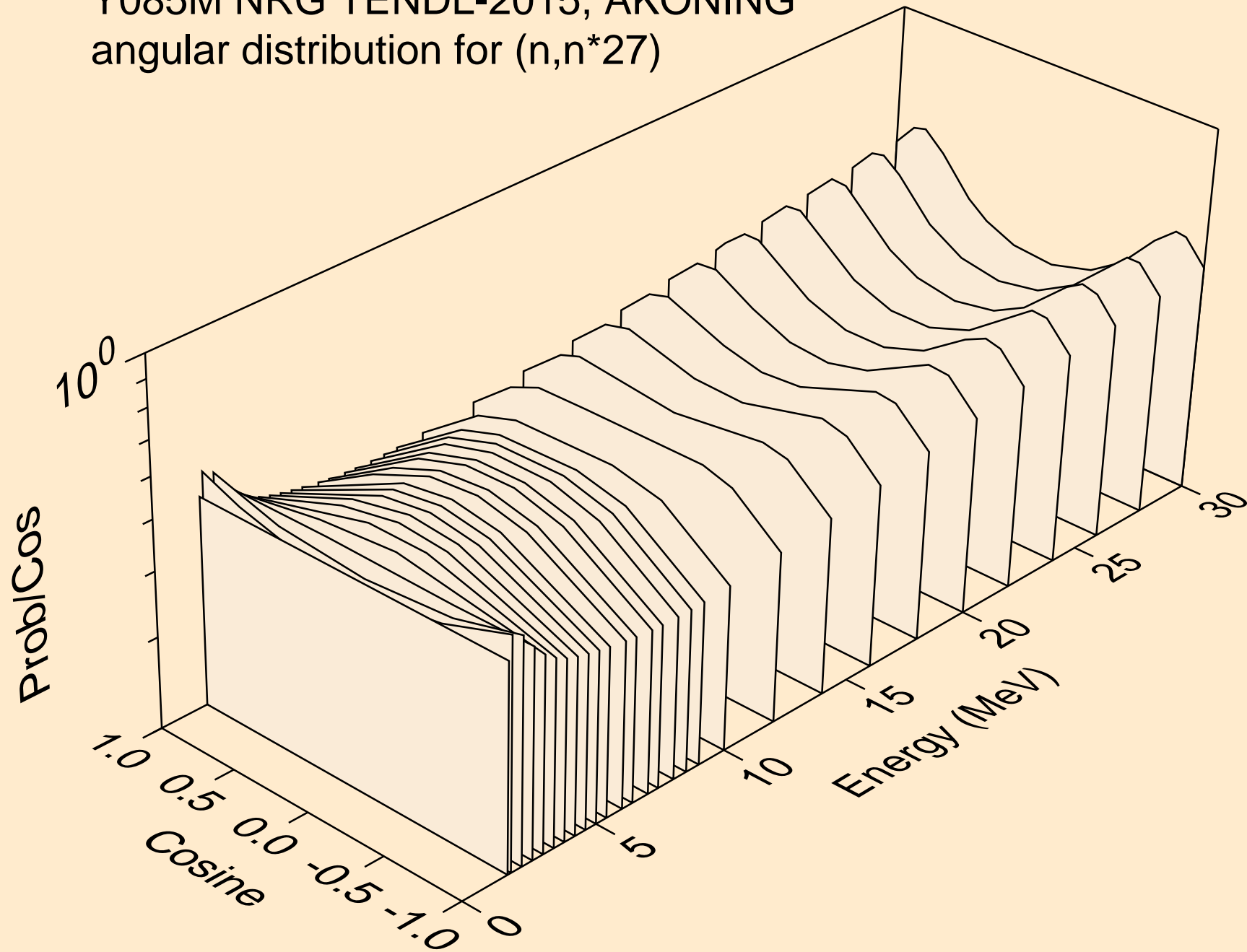
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angular distribution for (n,n\*25)



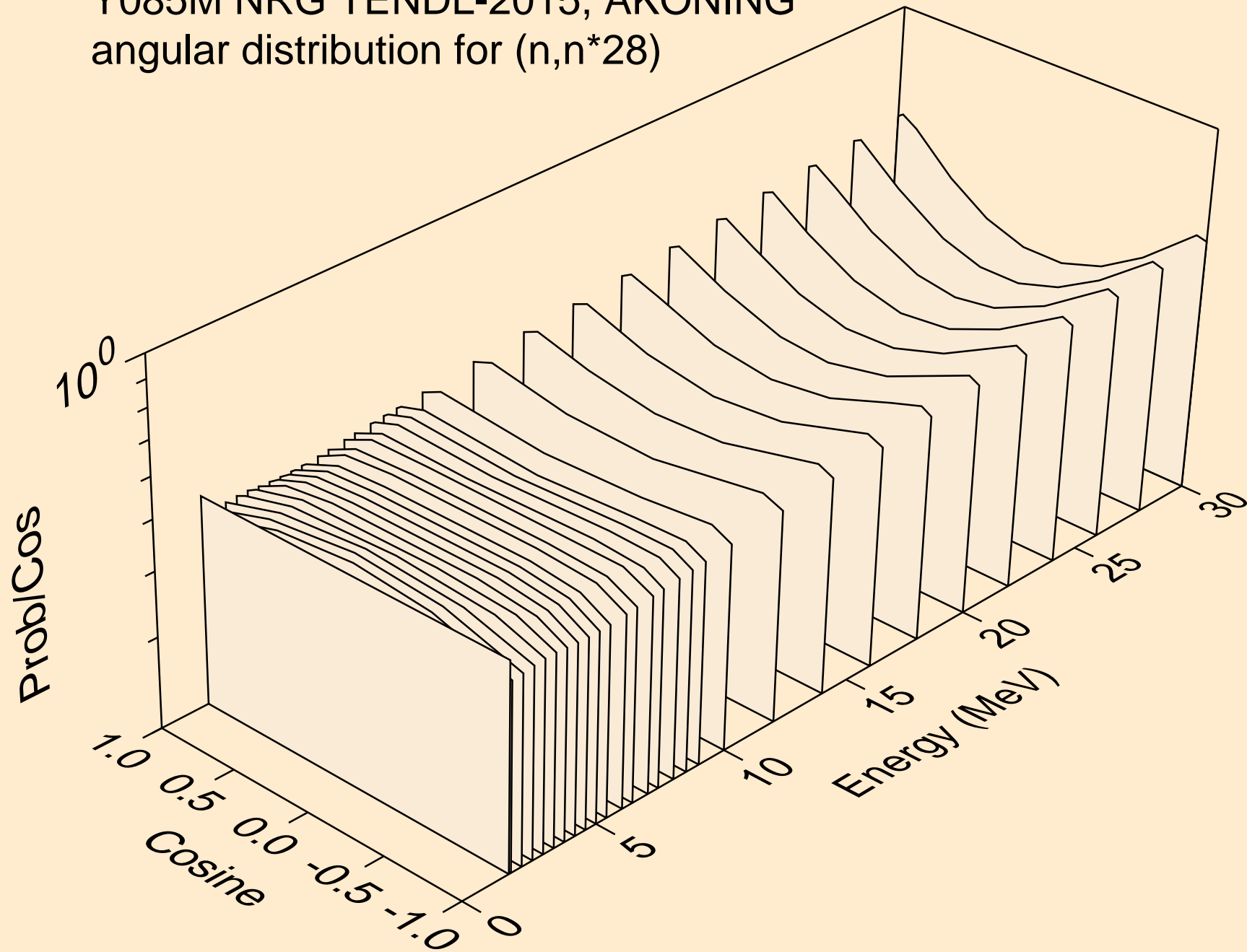
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angular distribution for (n,n\*26)



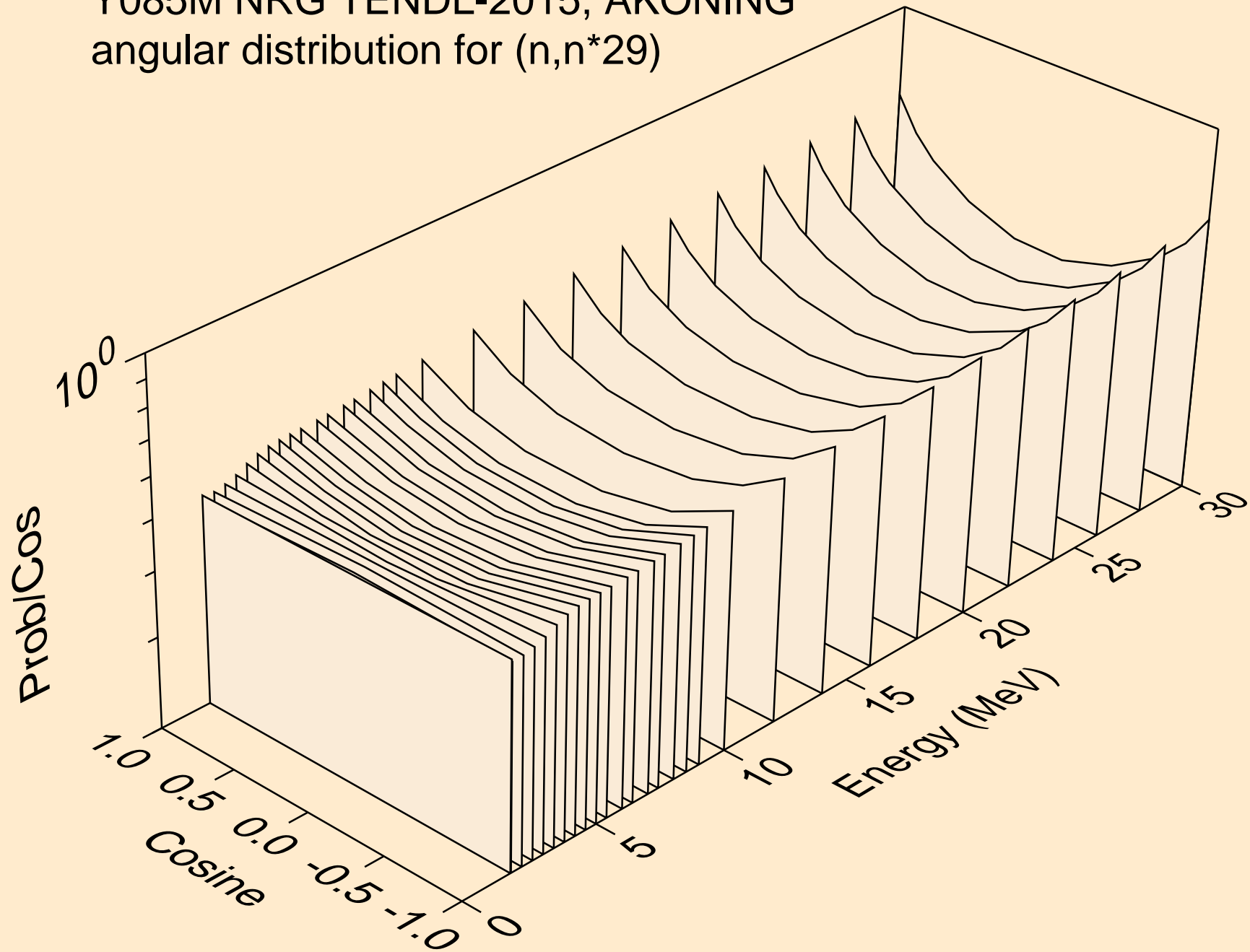
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angular distribution for (n,n\*27)



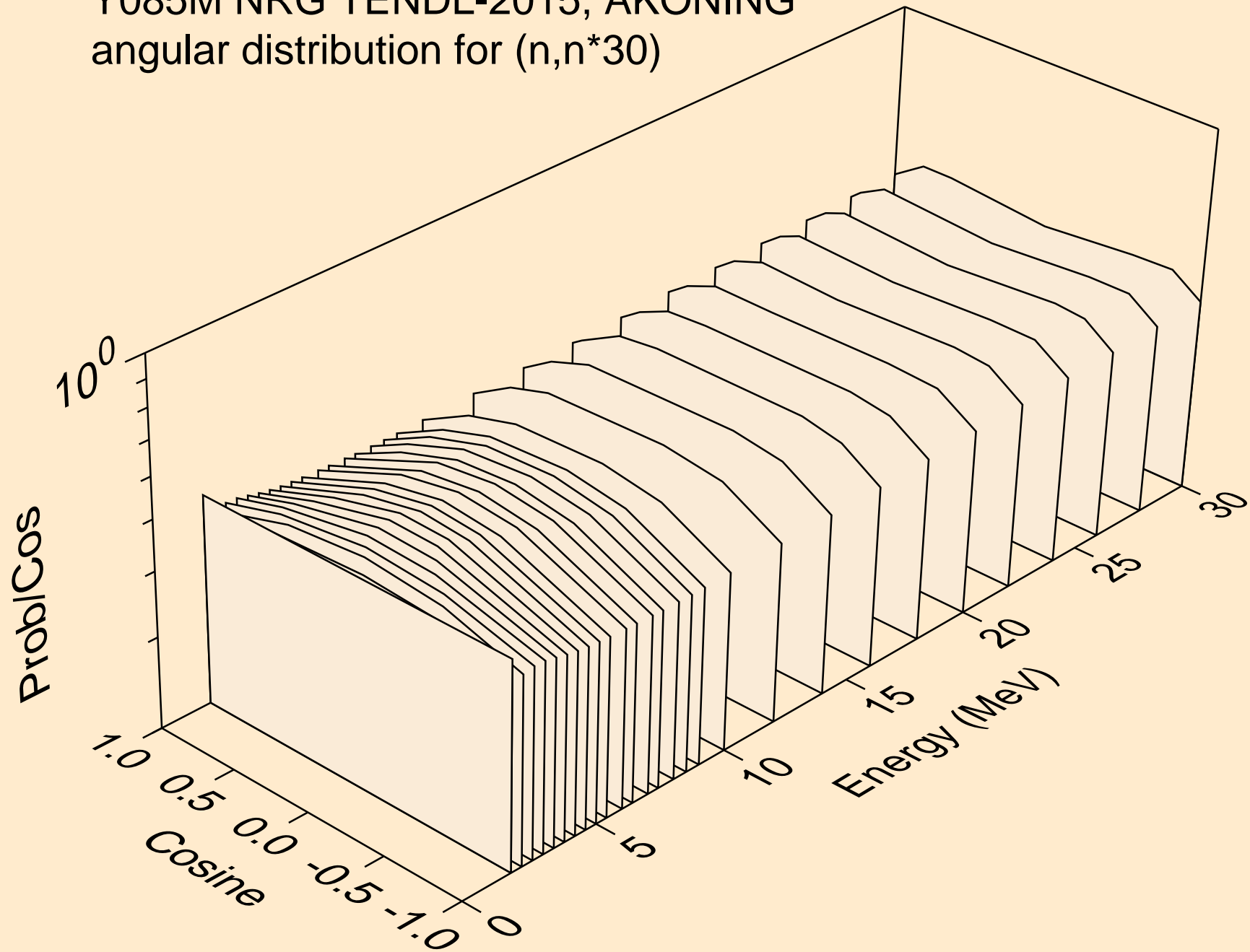
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angular distribution for (n,n\*28)



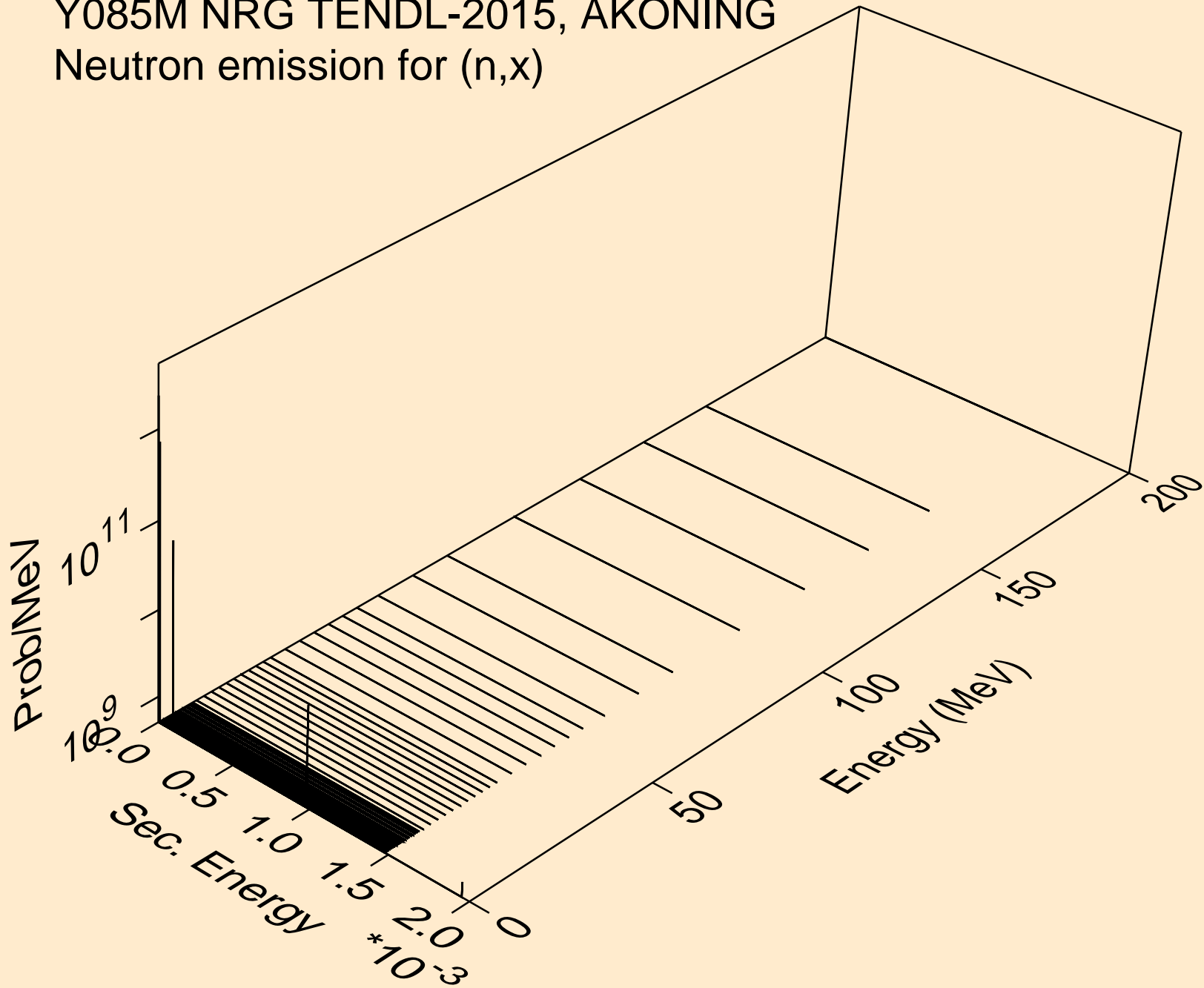
Y085M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



Y085M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

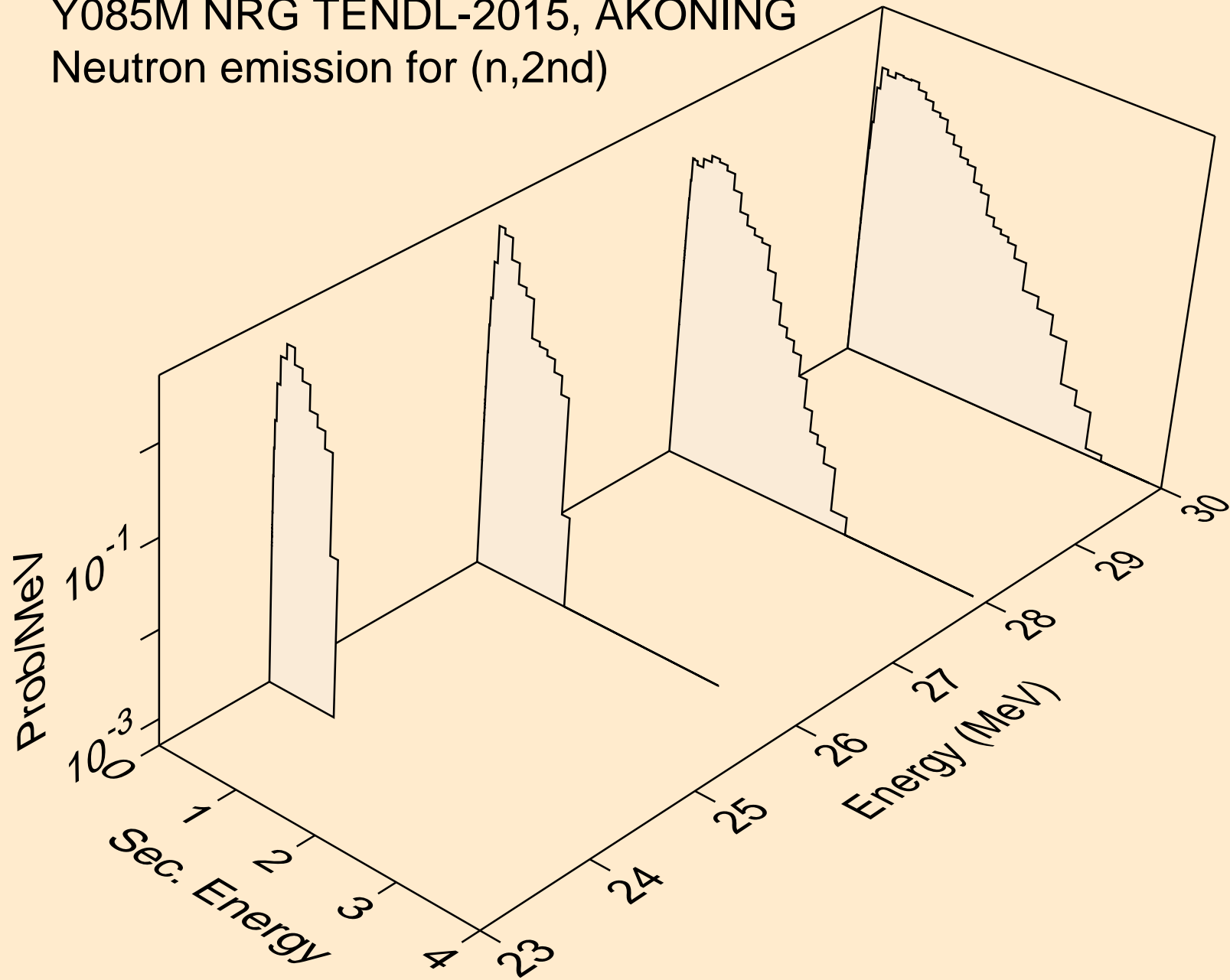


Y085M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

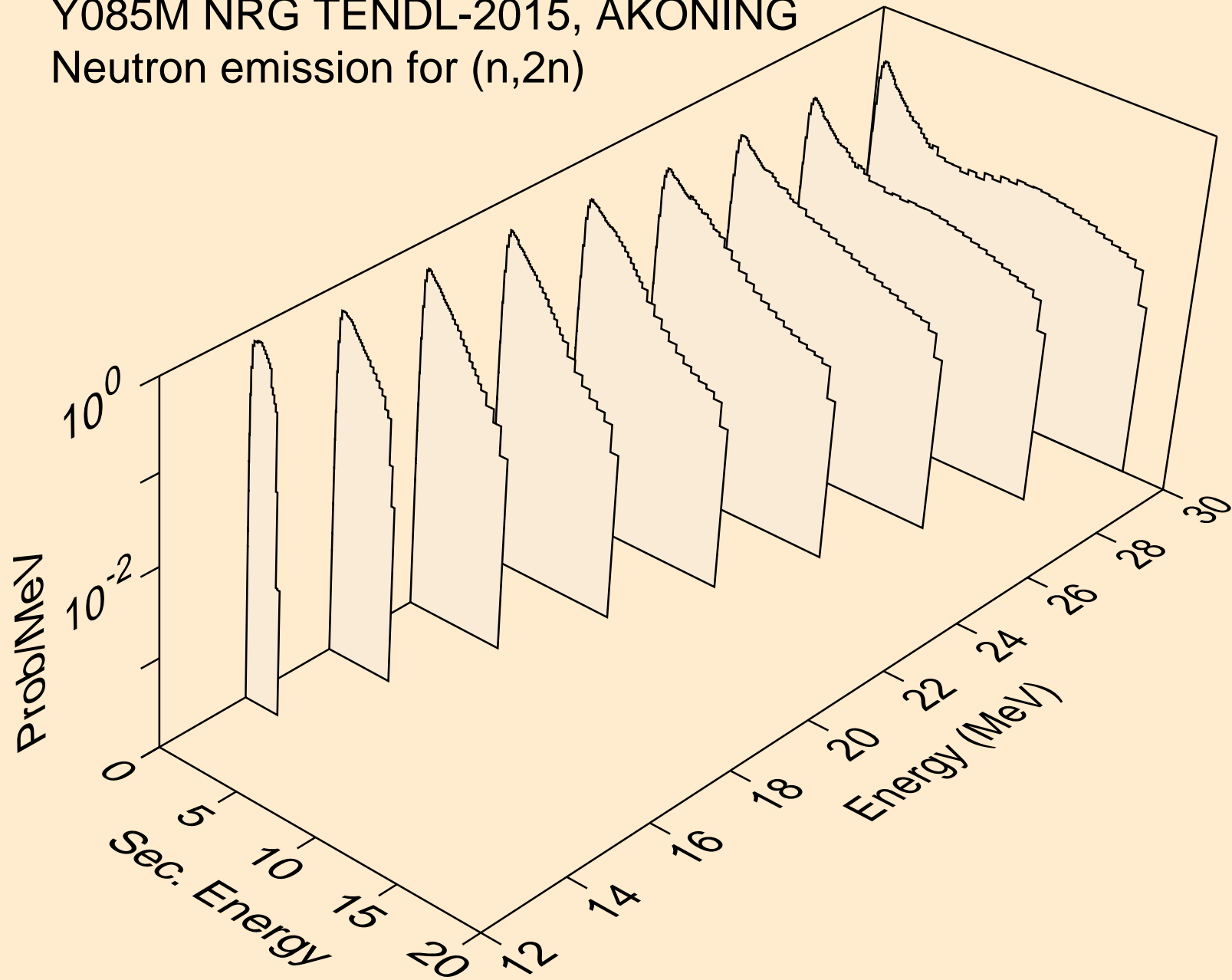




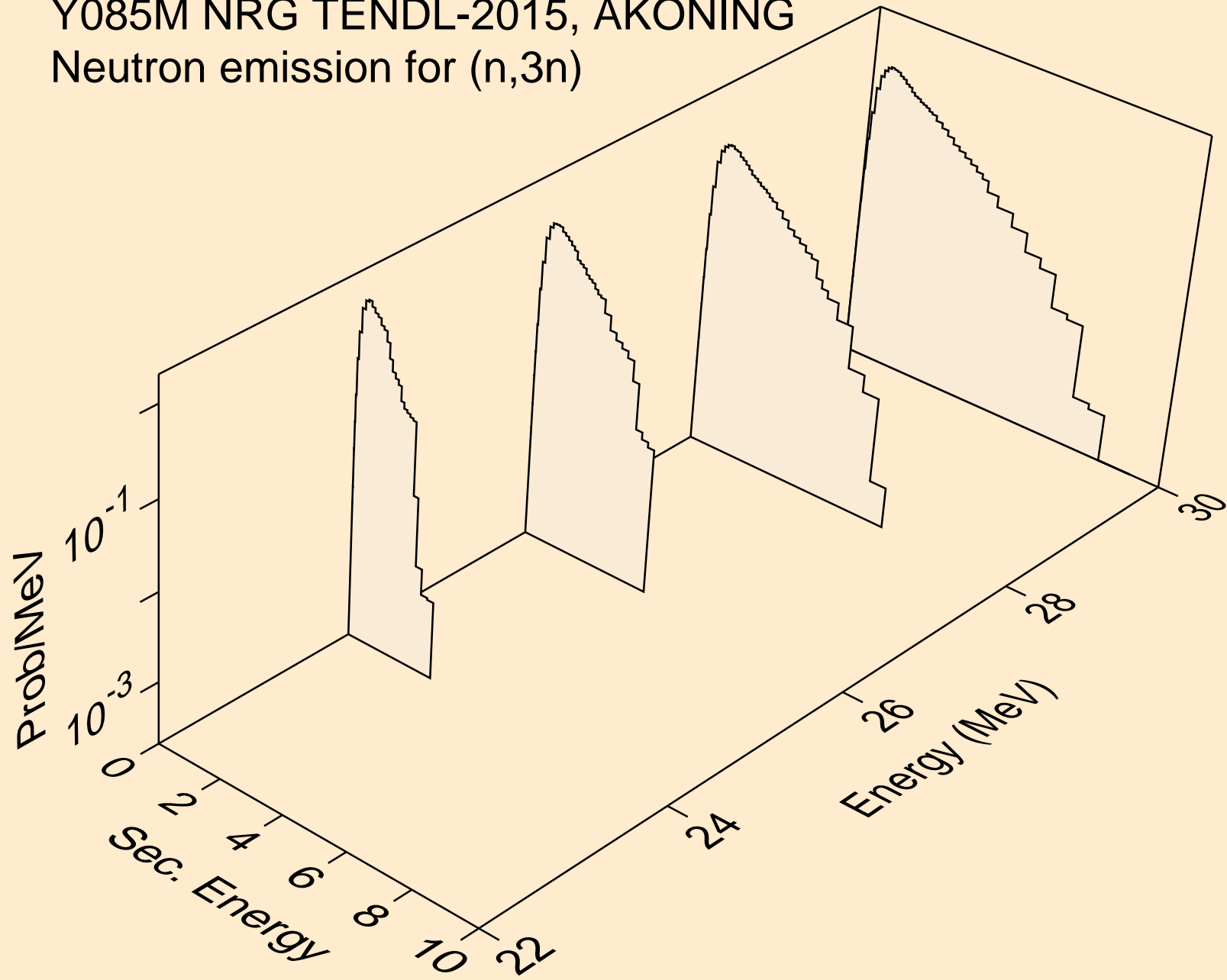
Y085M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



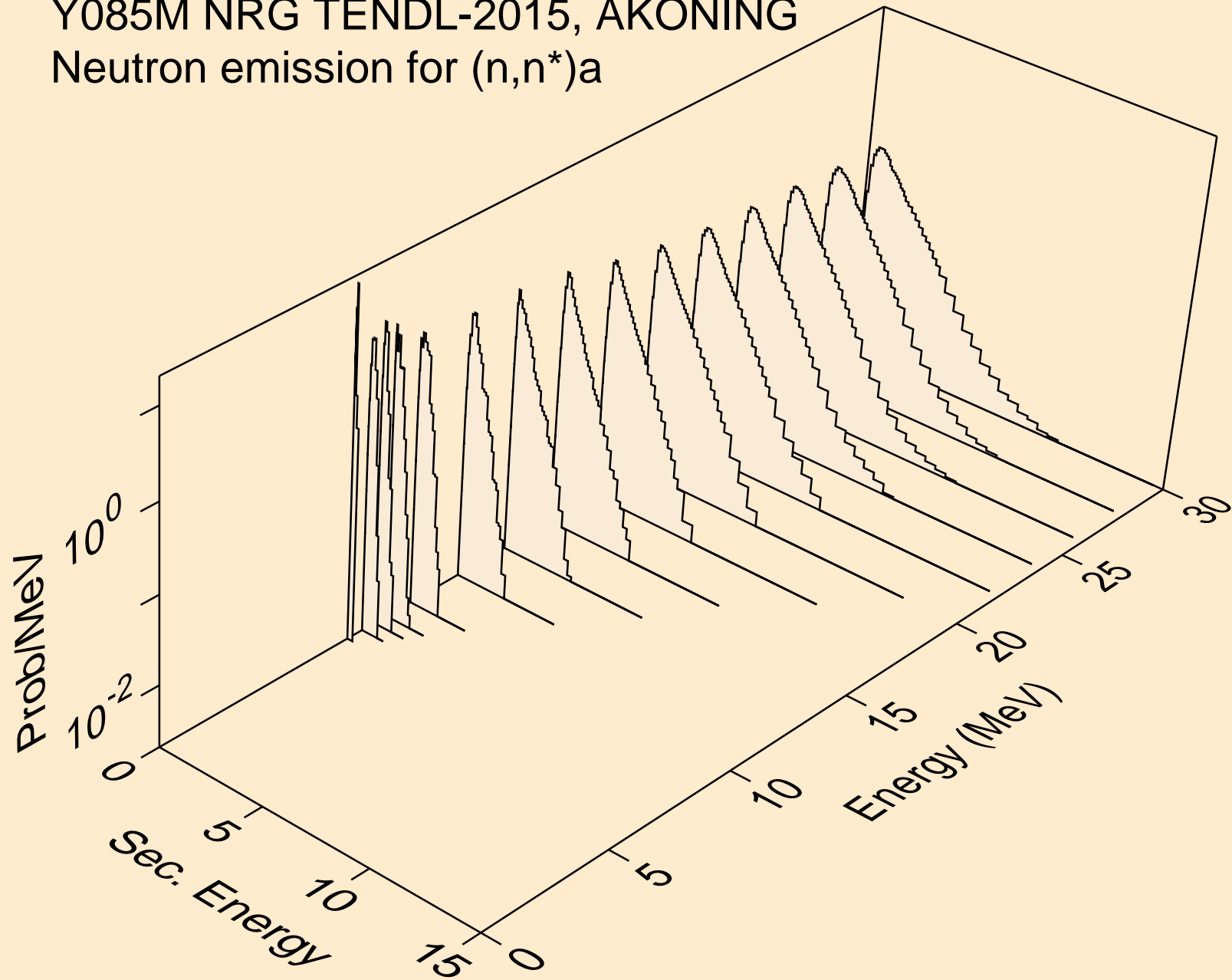
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Neutron emission for (n,2n)



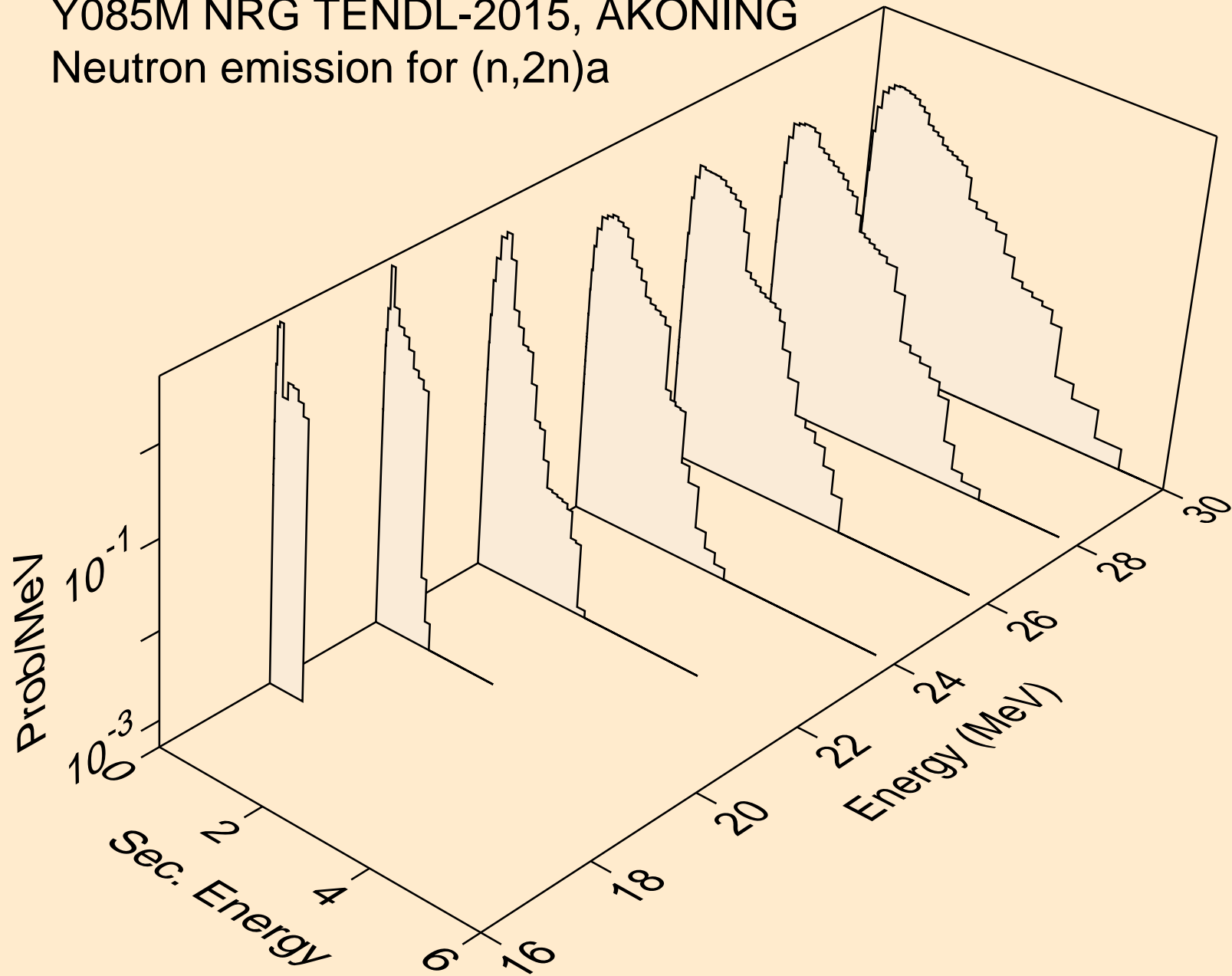
Y085M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



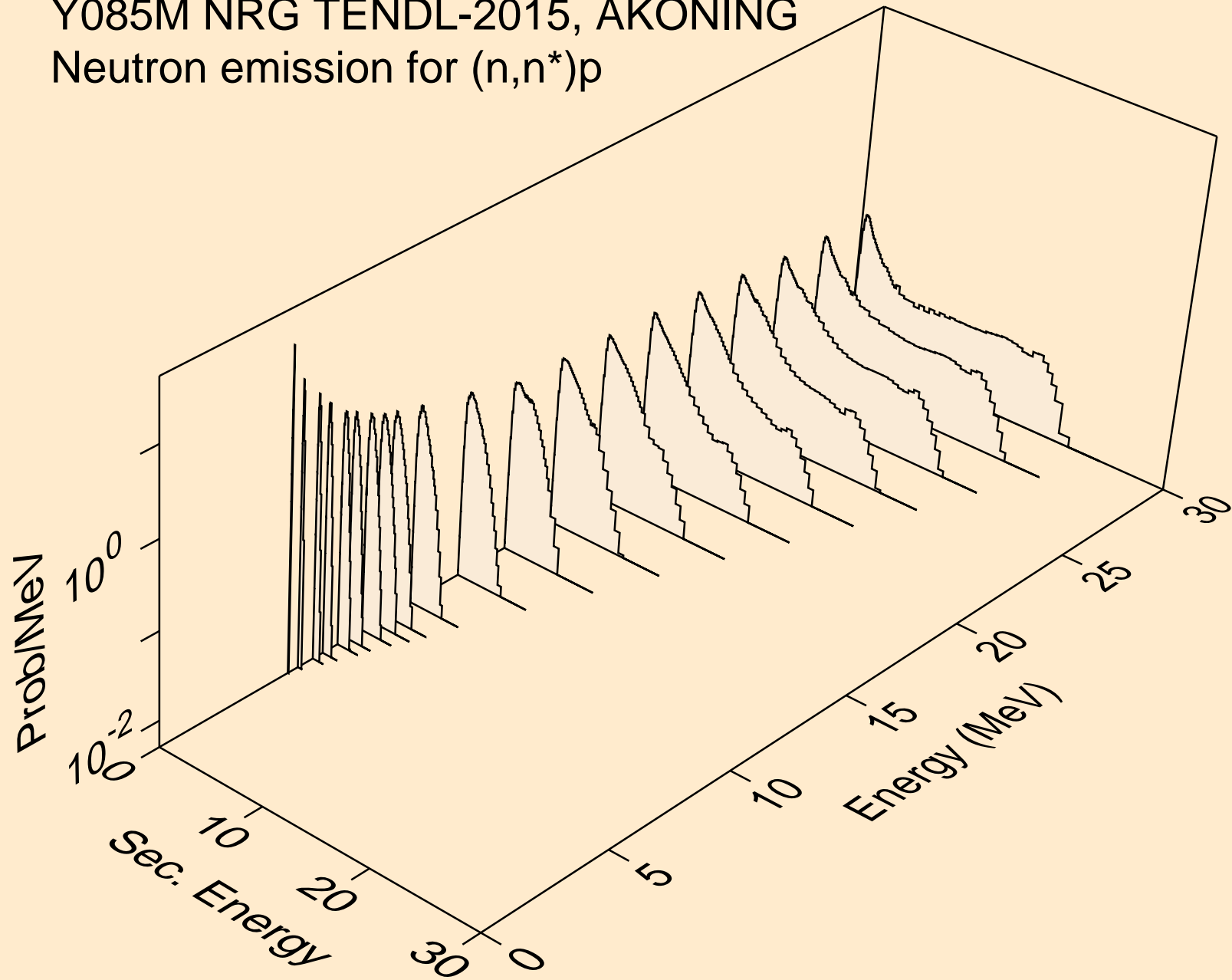
Y085M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



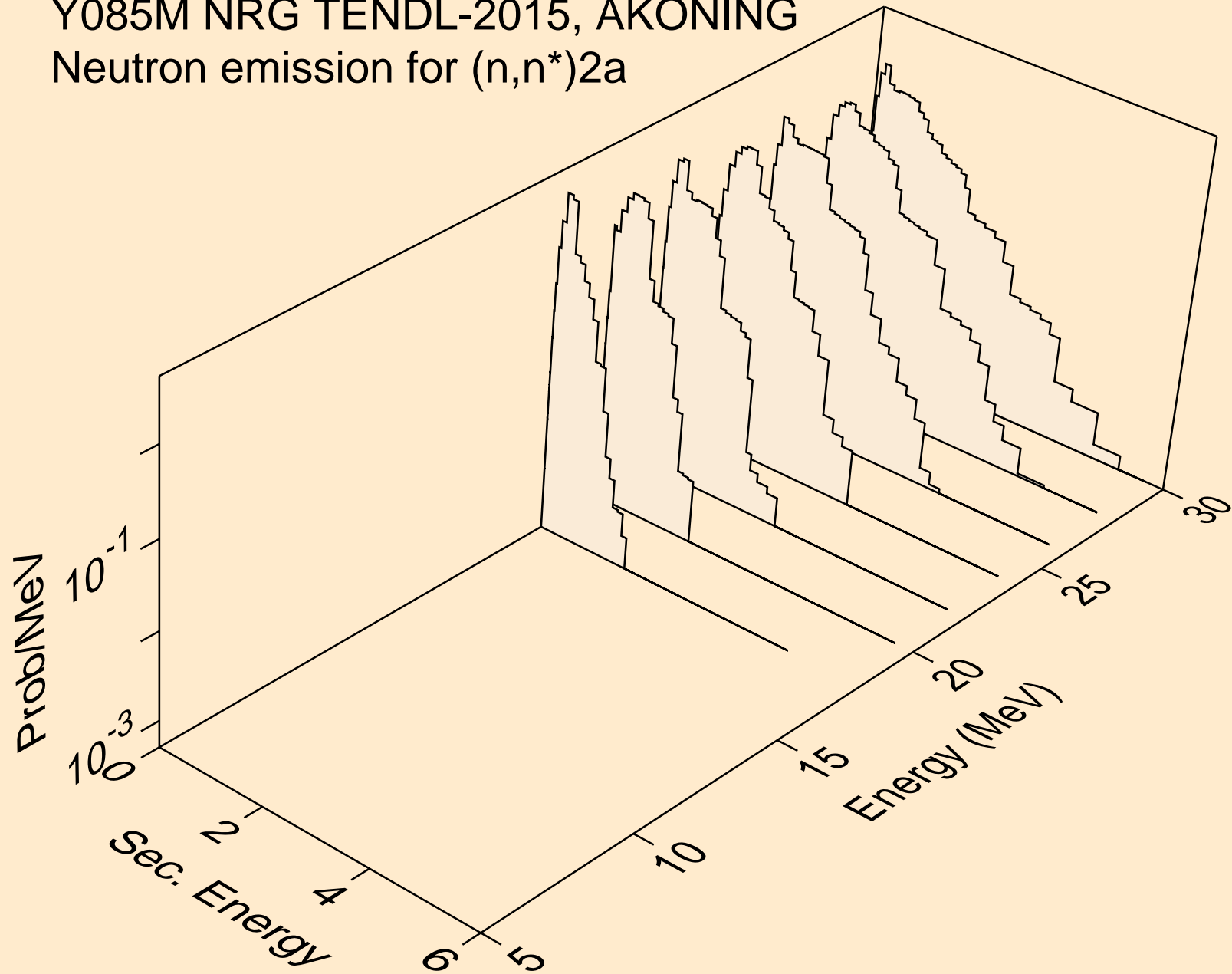
Y085M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



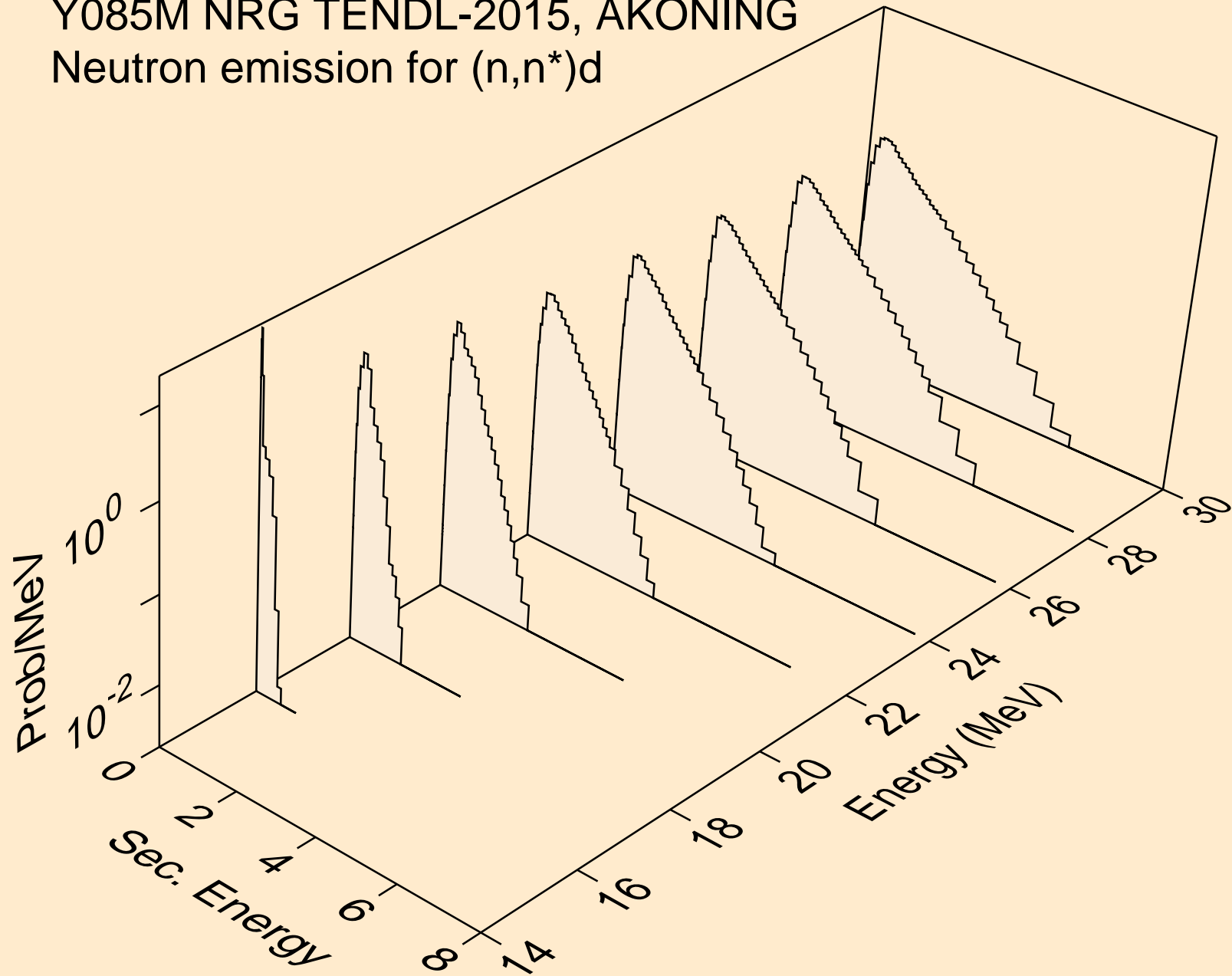
Y085M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



Y085M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

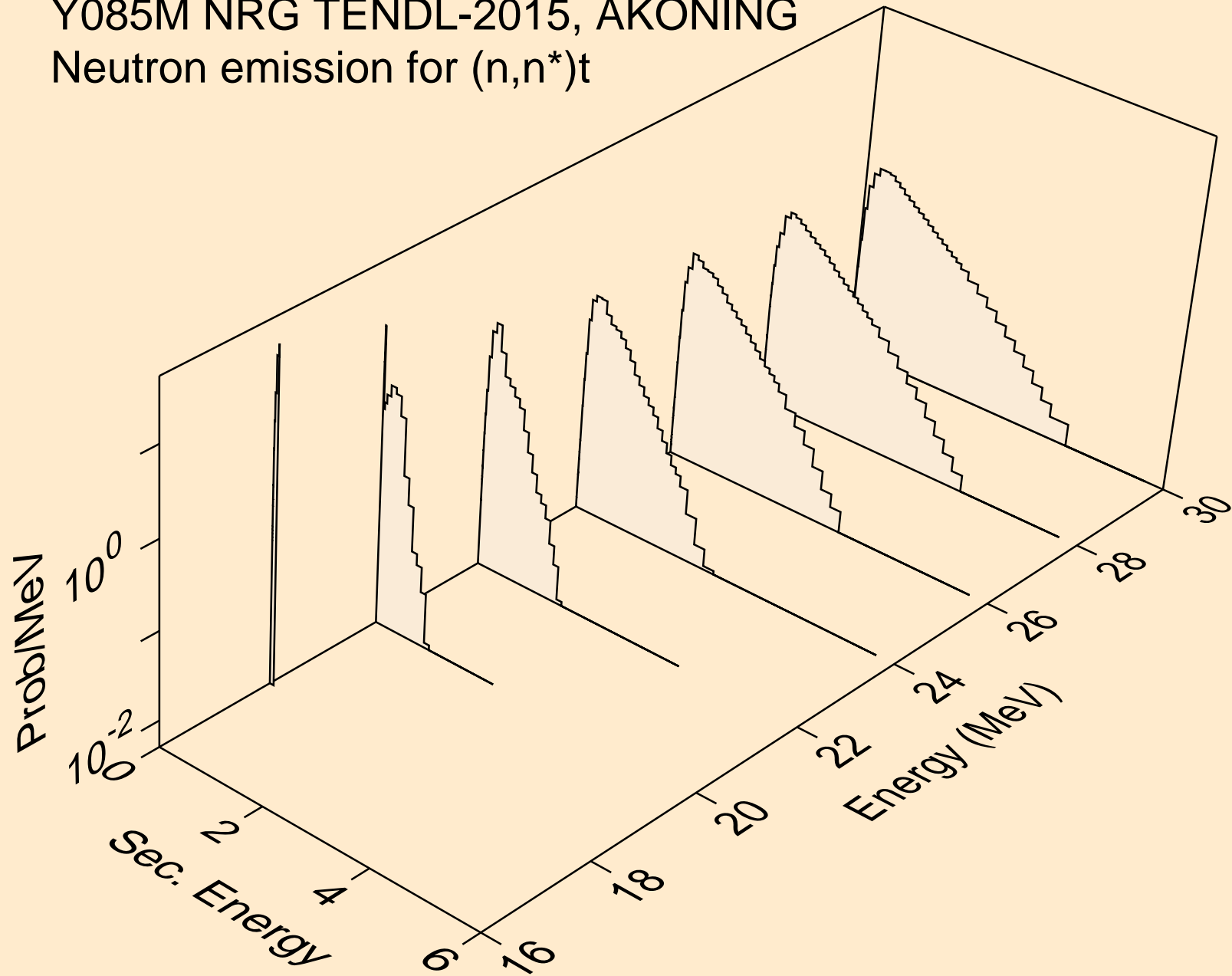


Y085M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

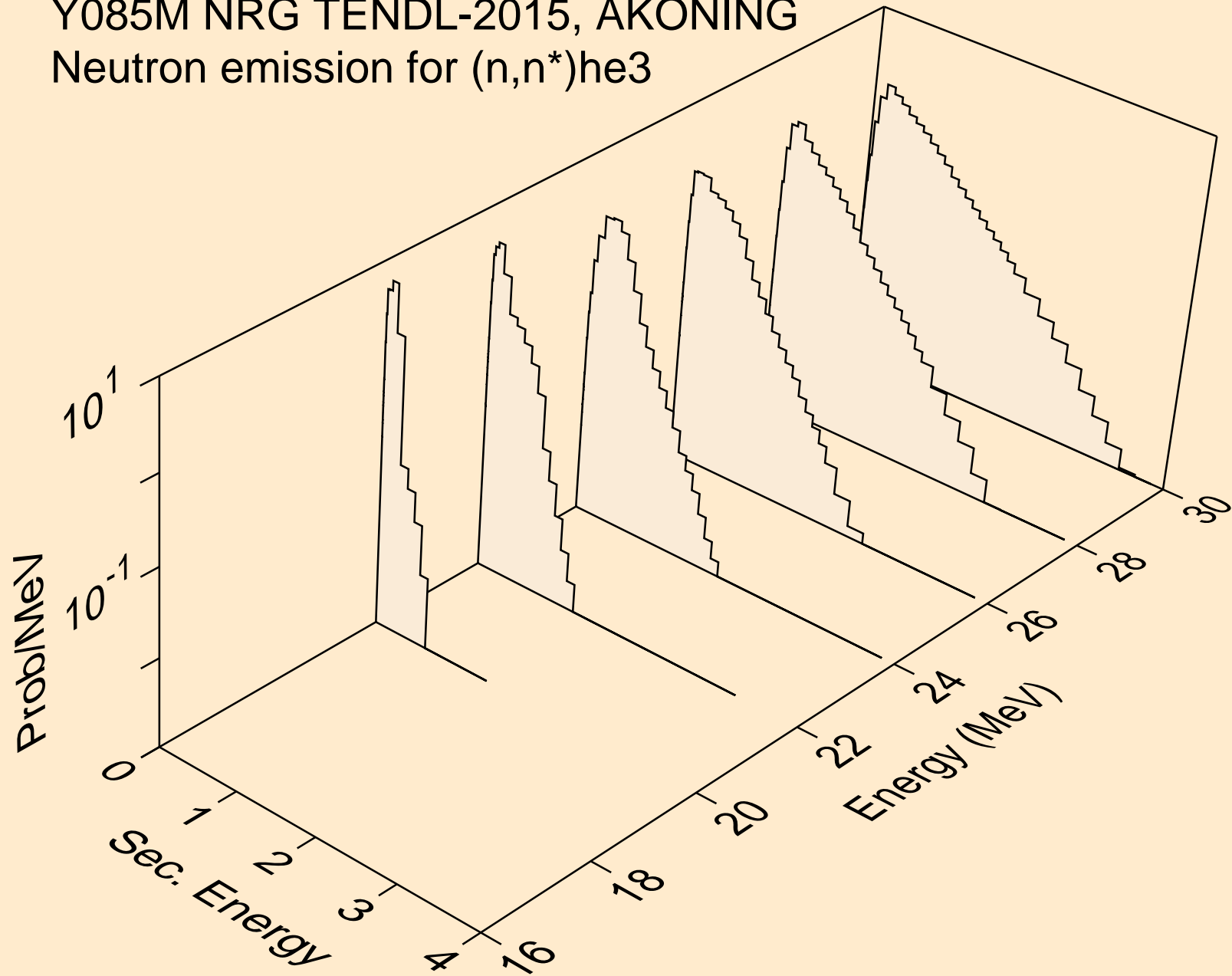




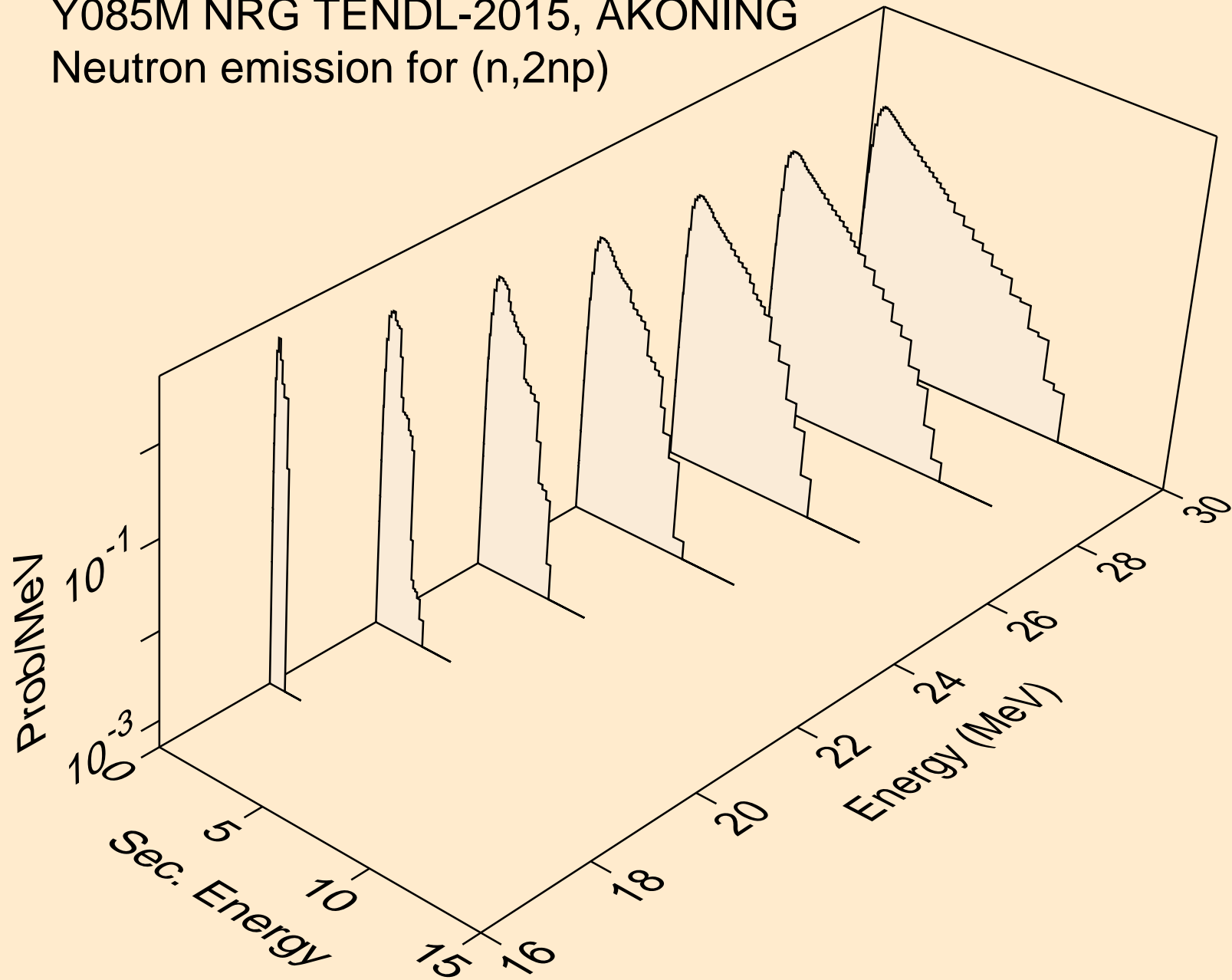
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Neutron emission for (n,n\*)t



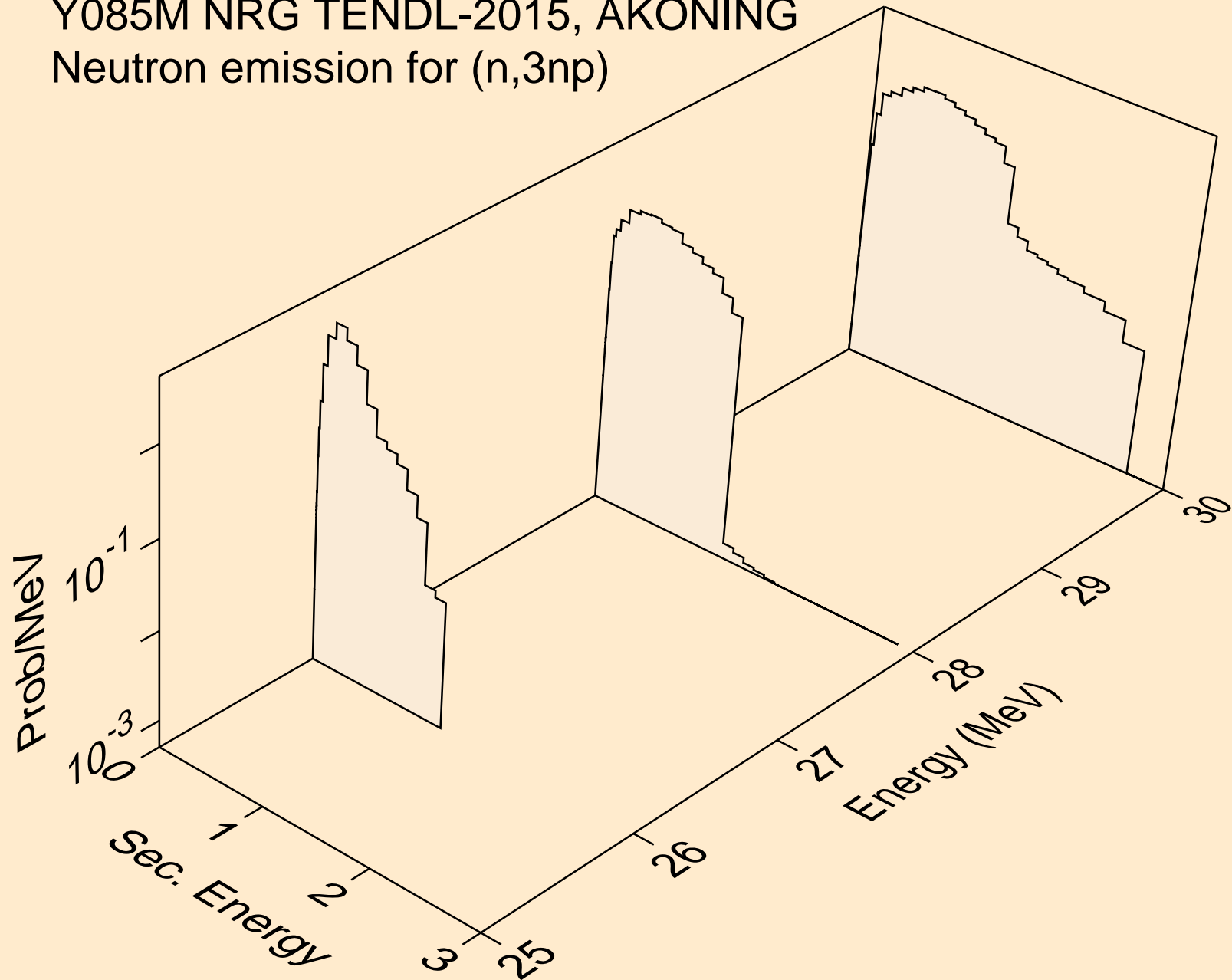
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Neutron emission for (n,n\*)he3



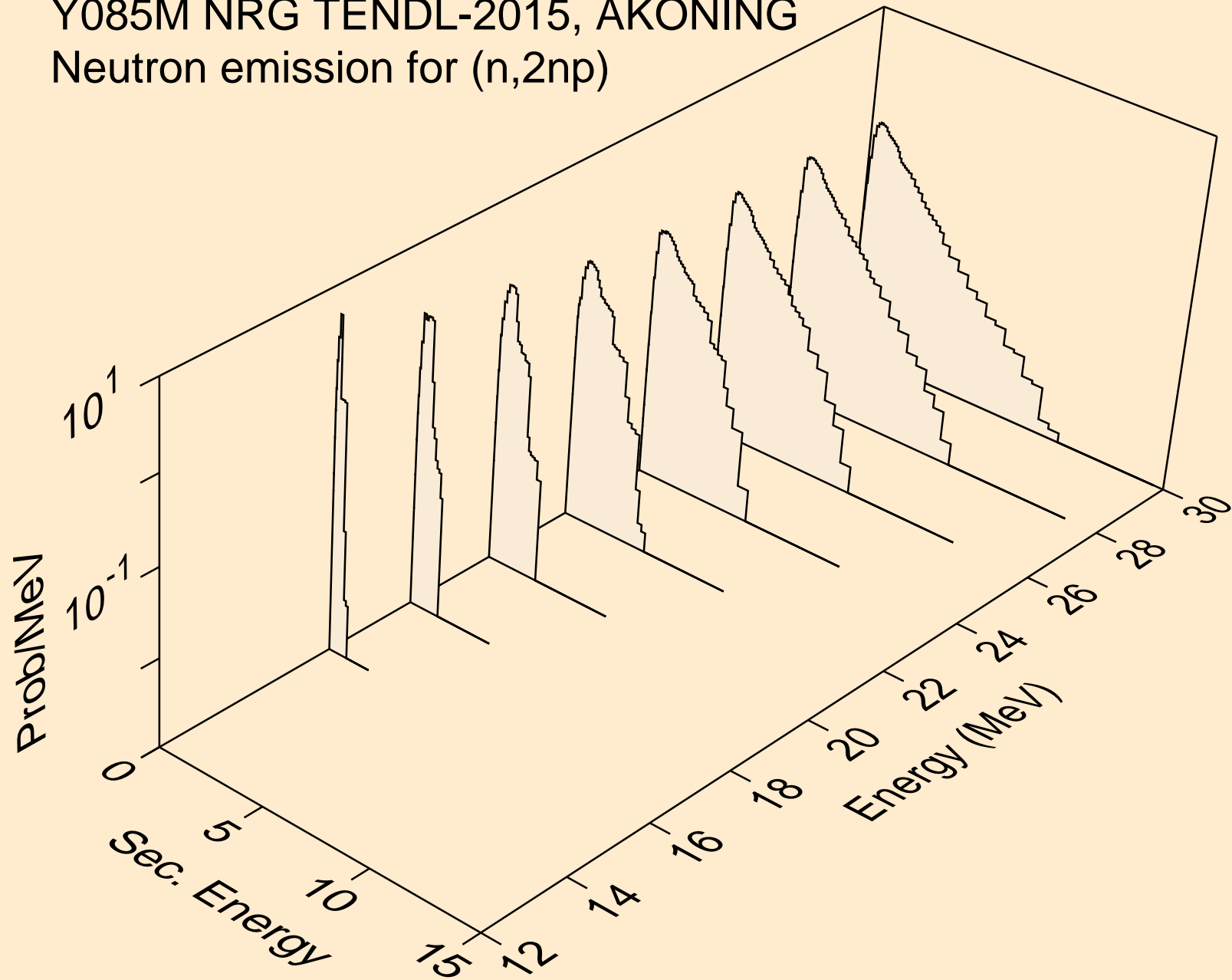
Y085M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



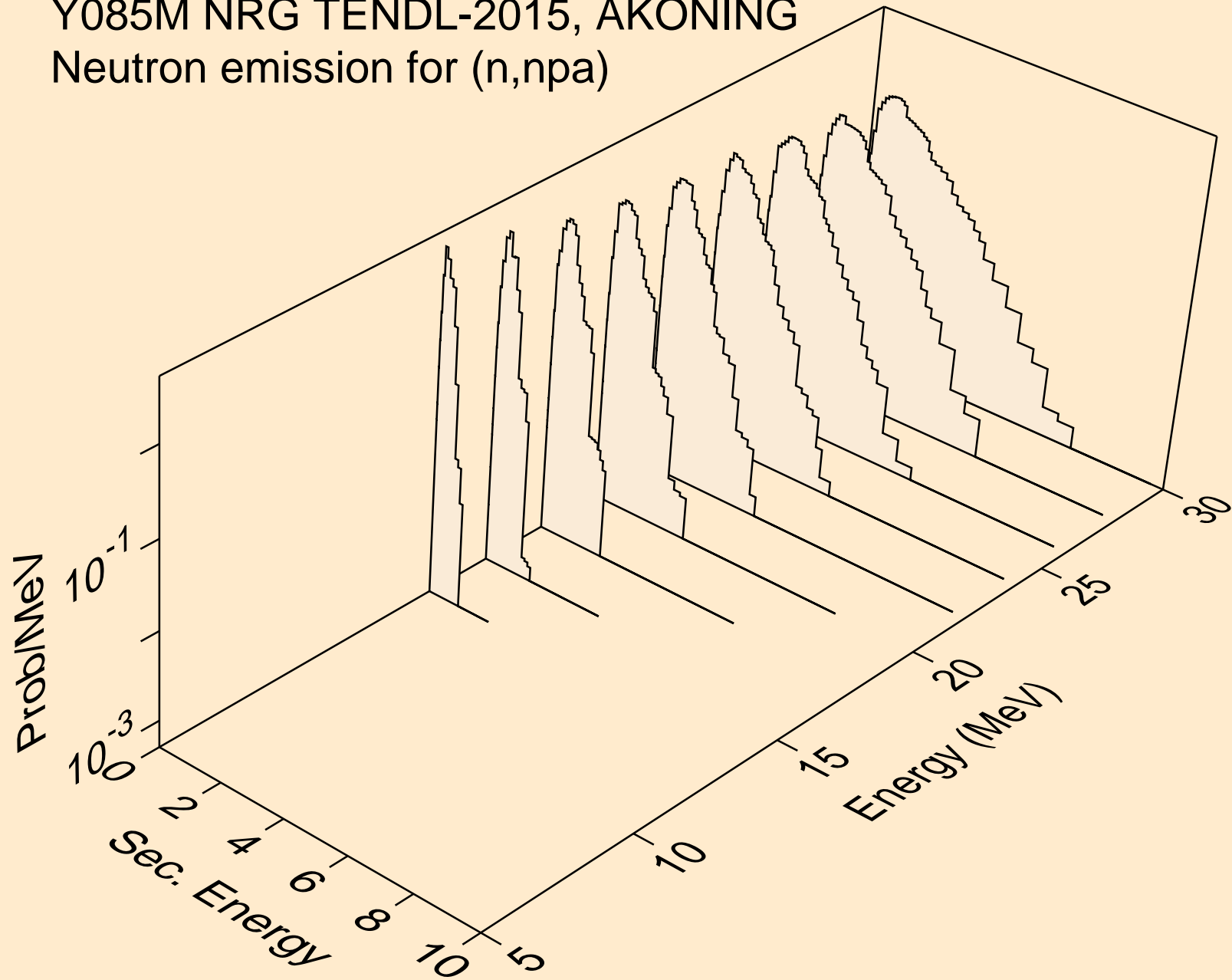
Y085M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



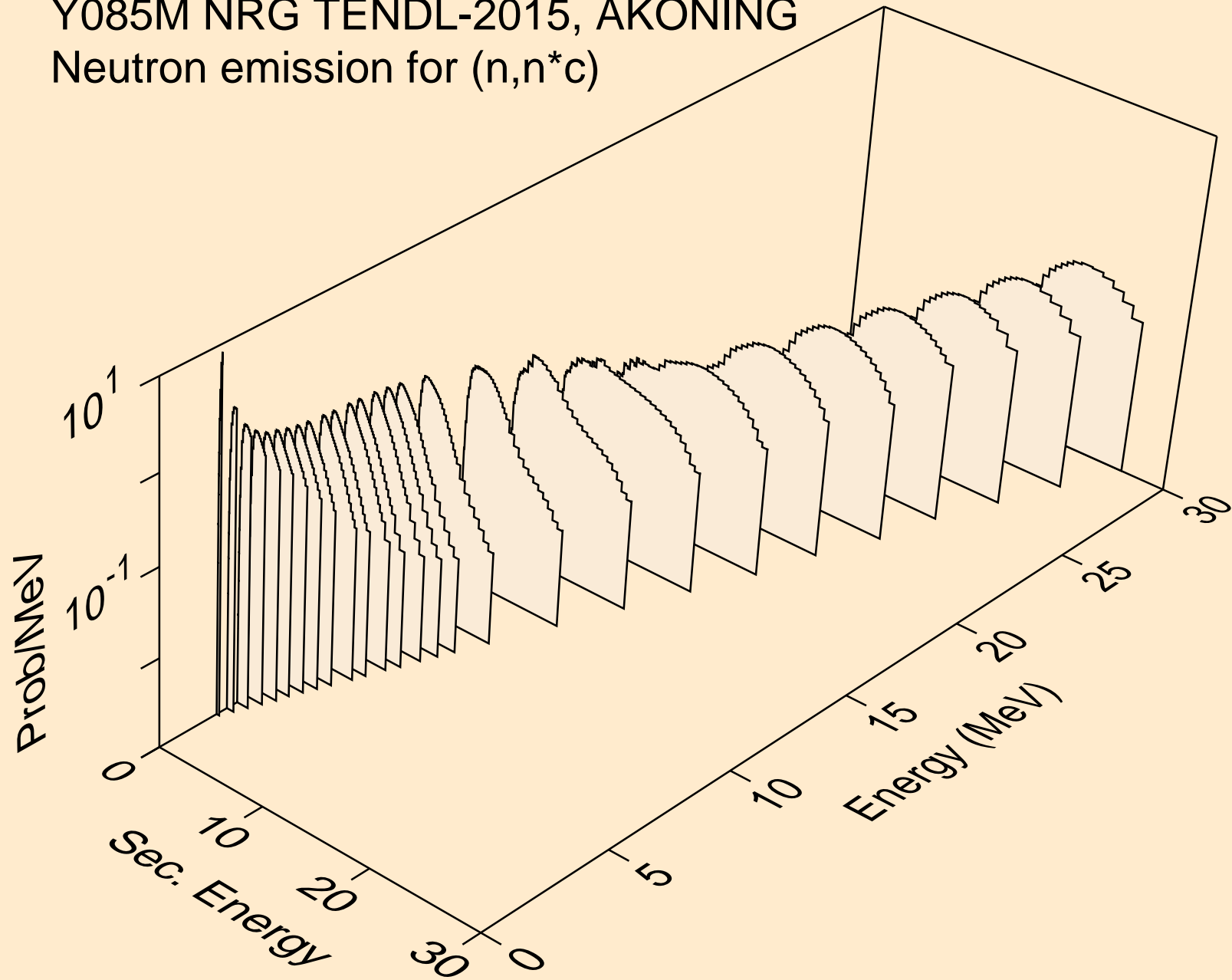
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Neutron emission for (n,2np)



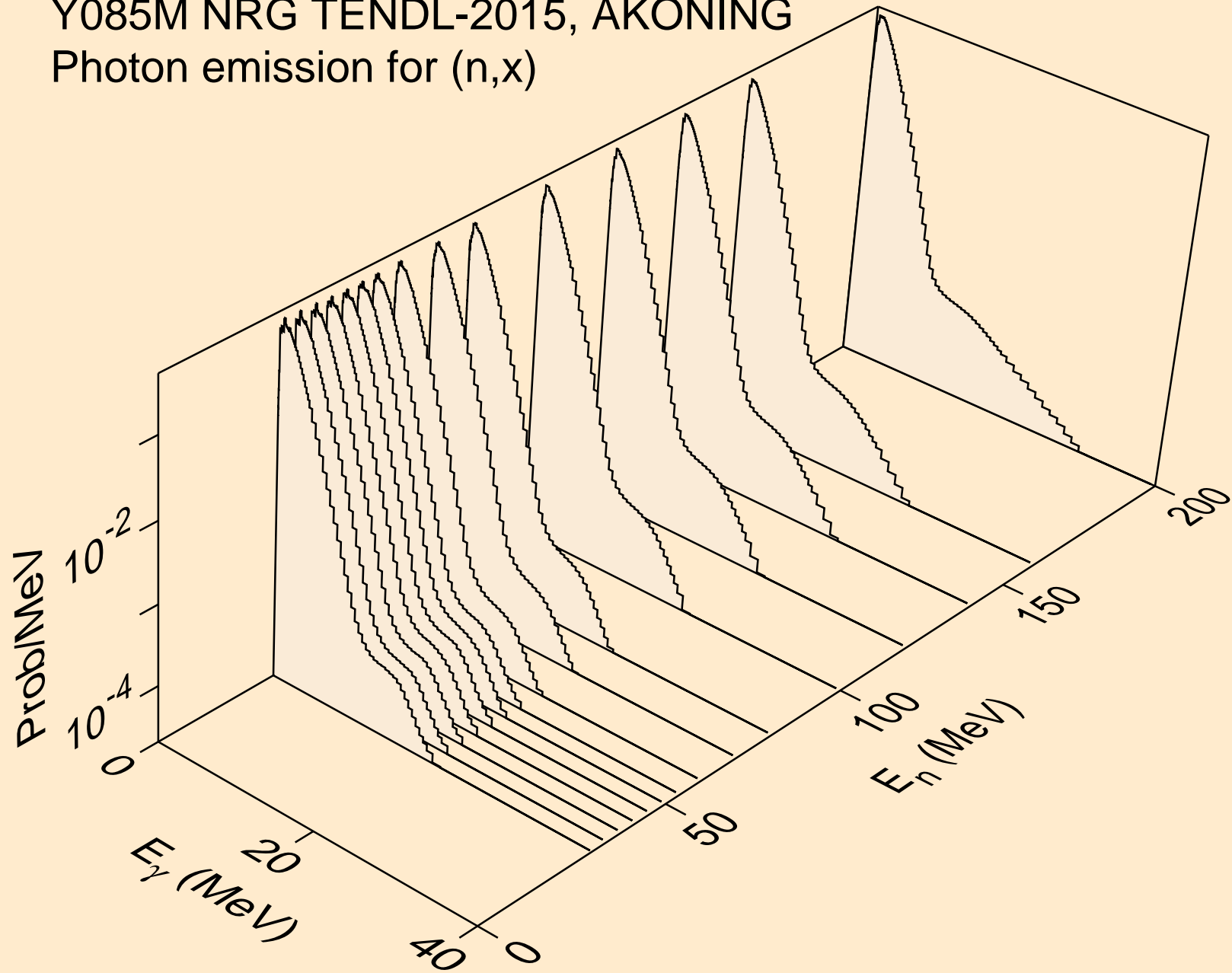
Y085M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



Y085M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

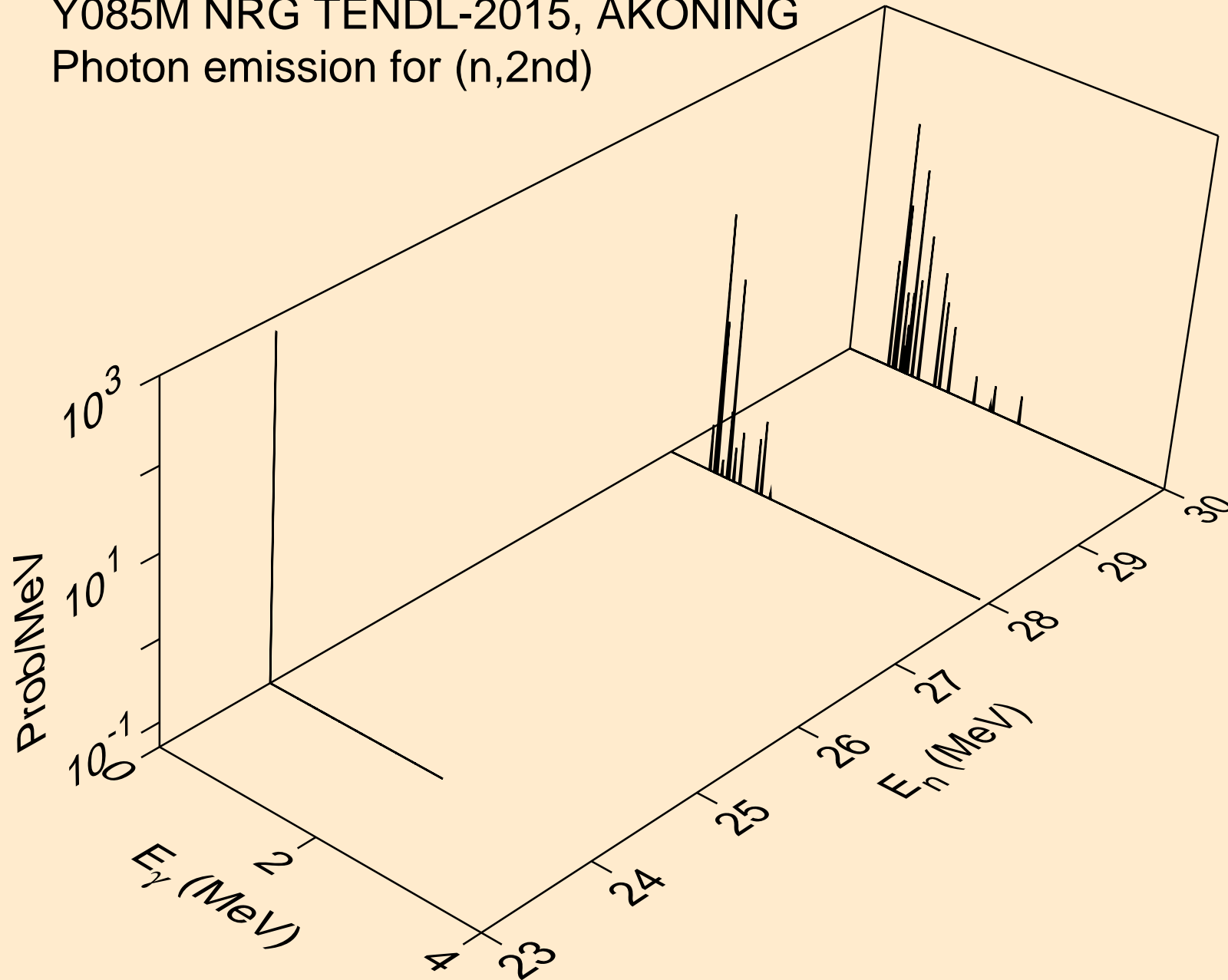


Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,x)

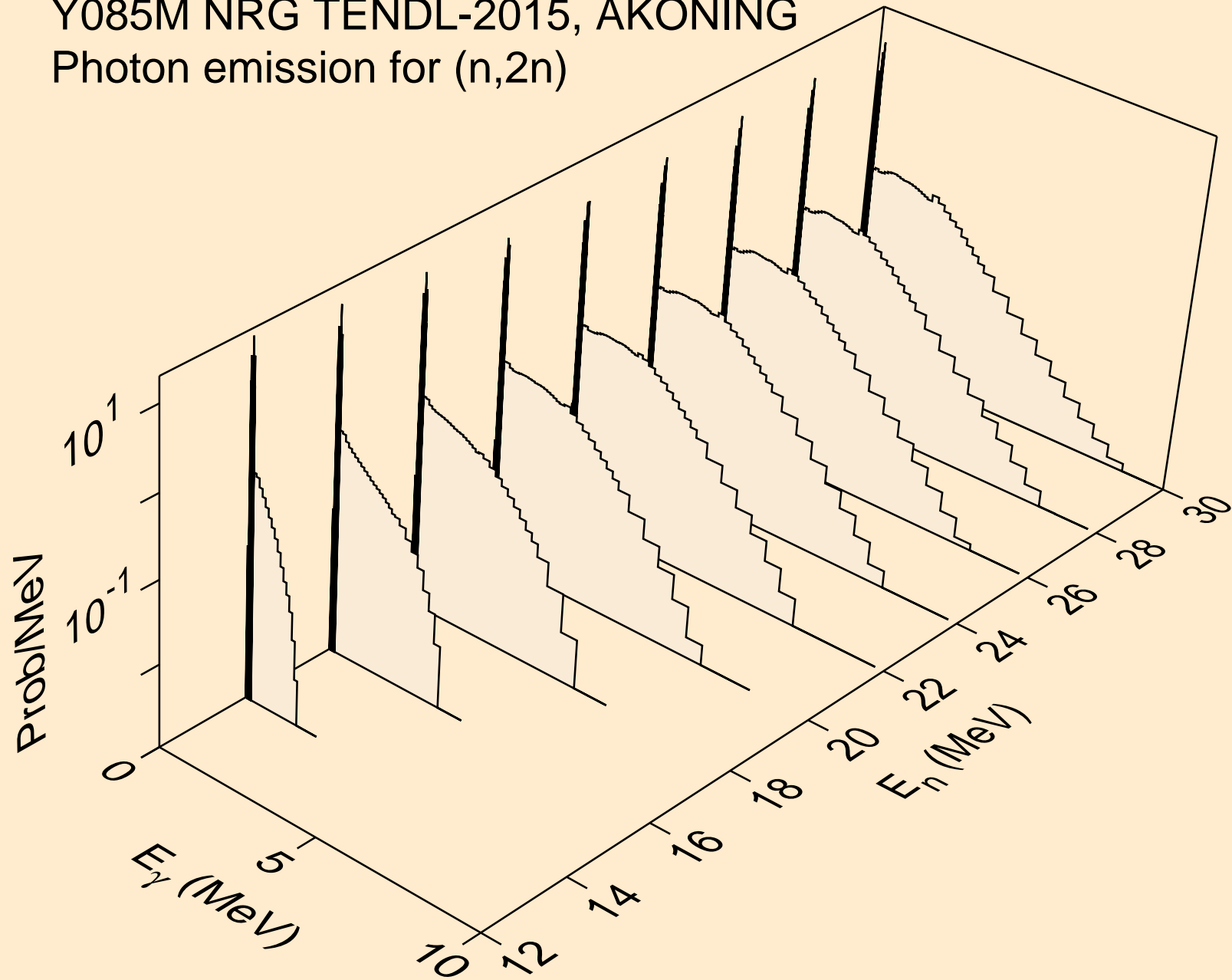




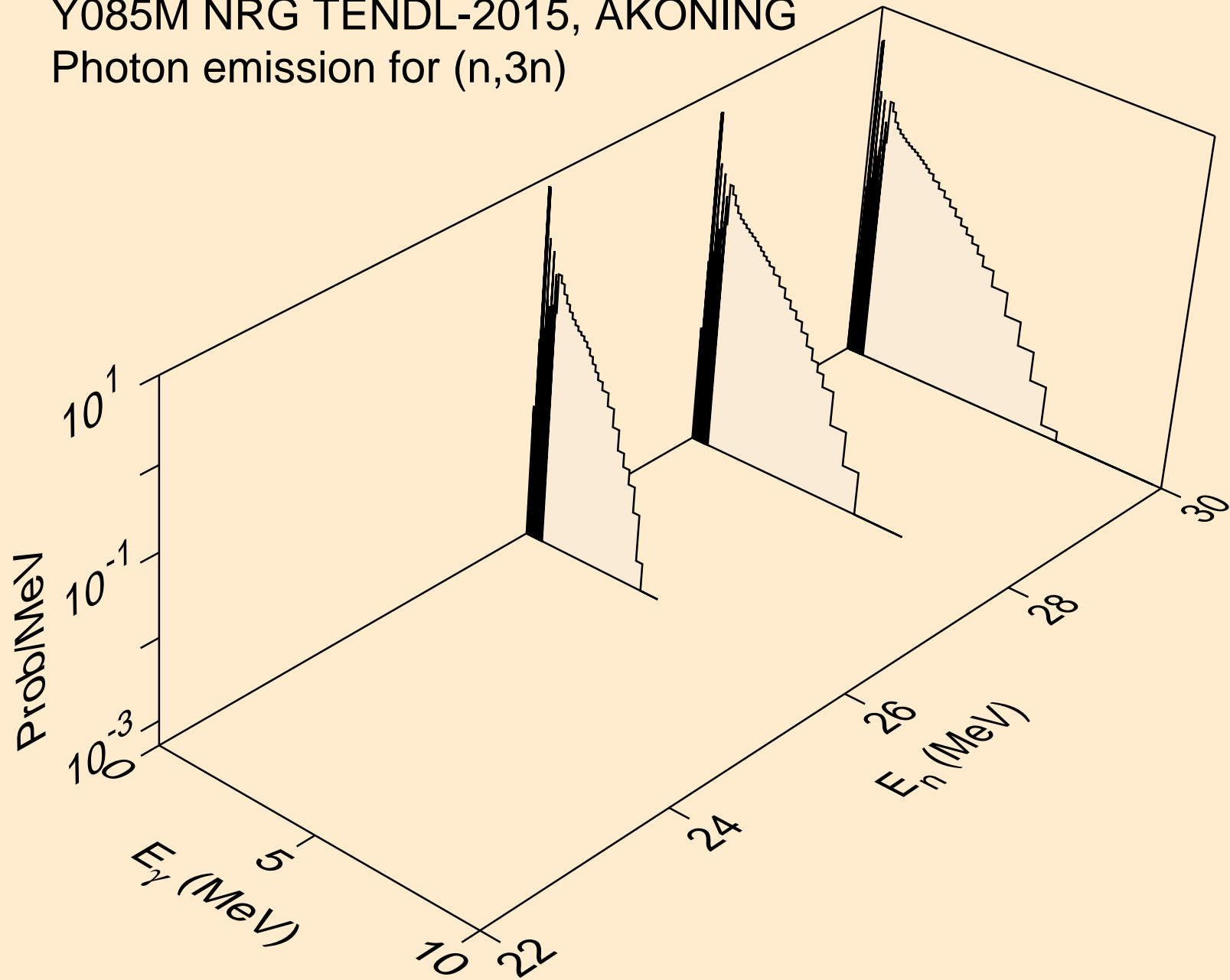
Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



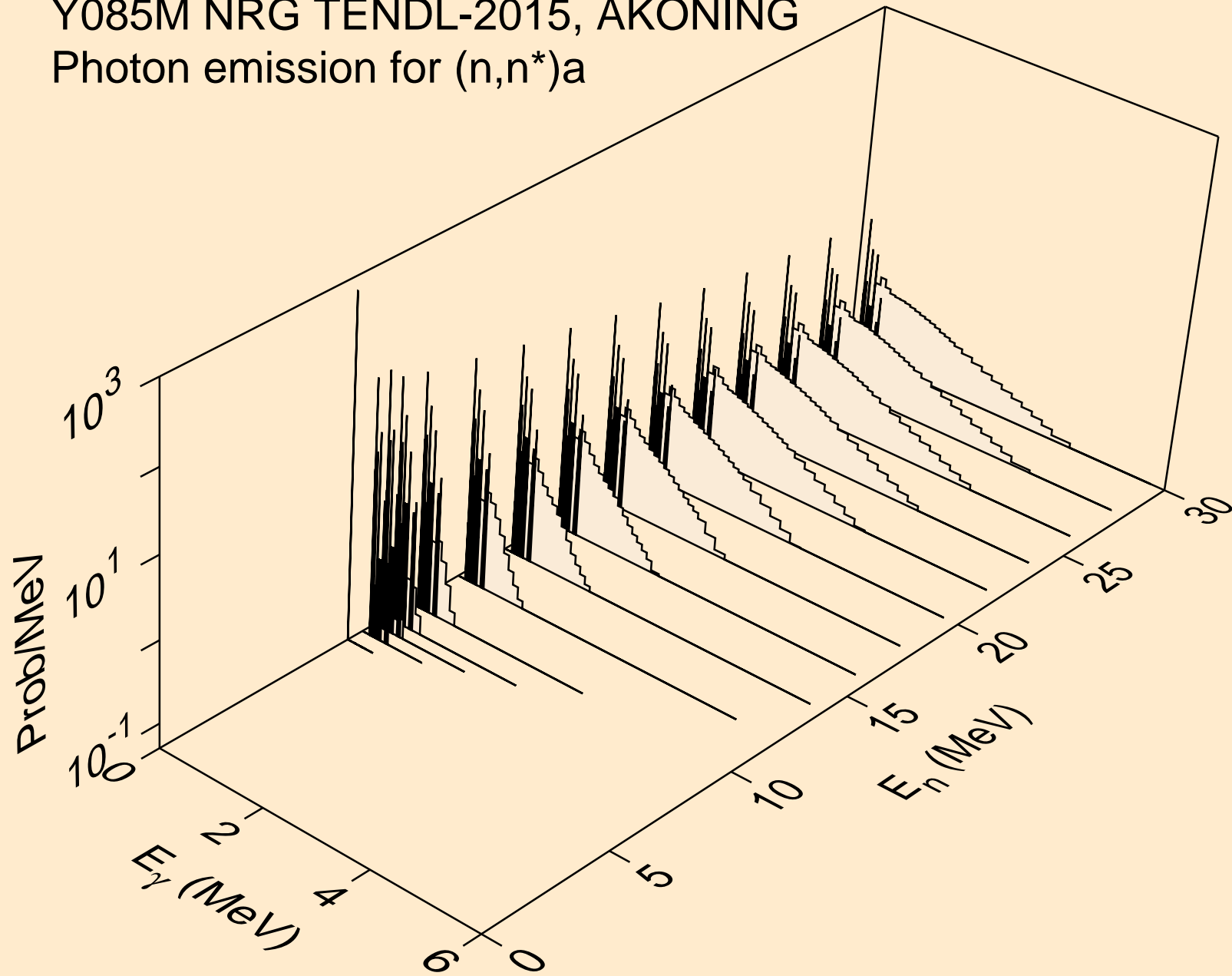
Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



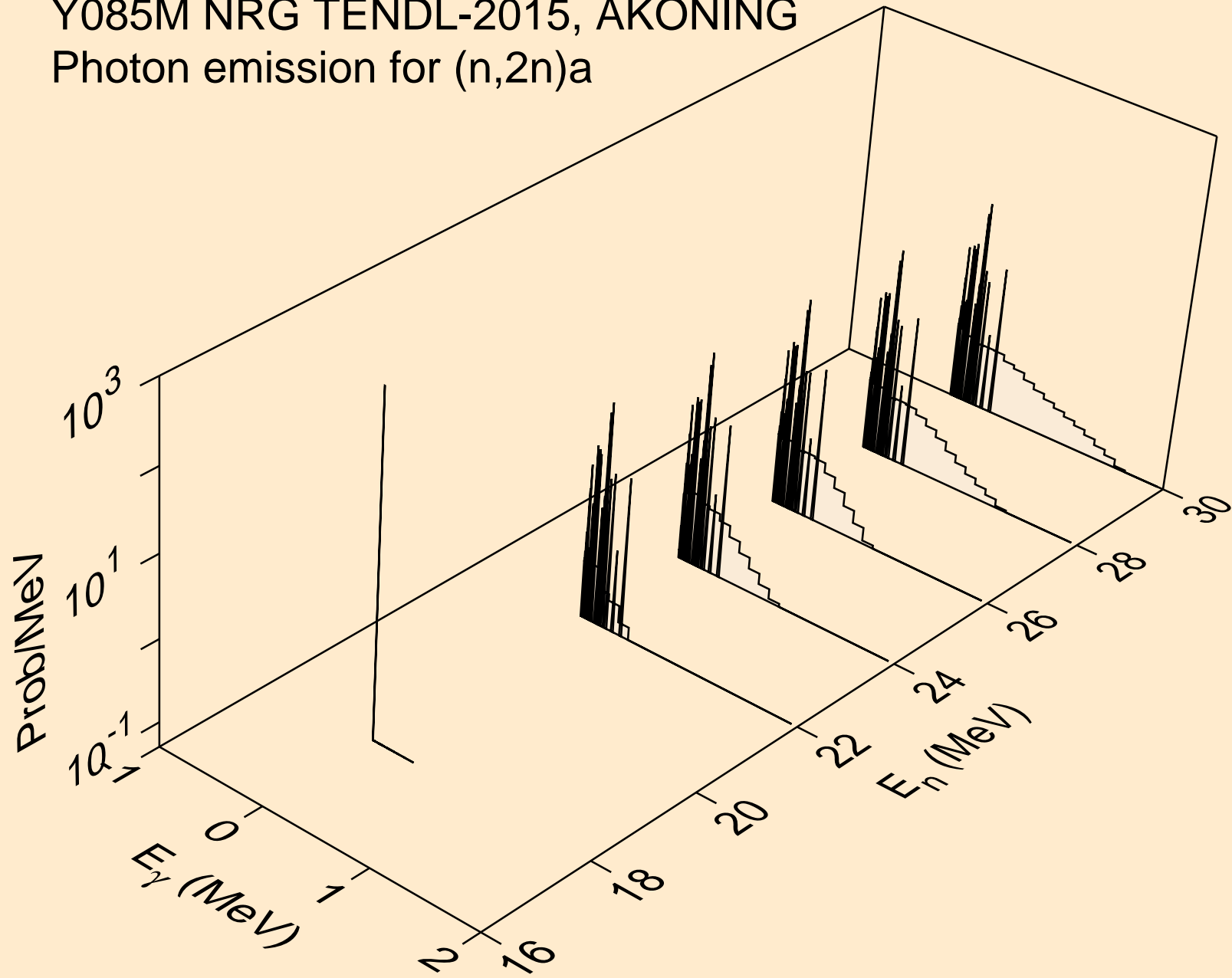
Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



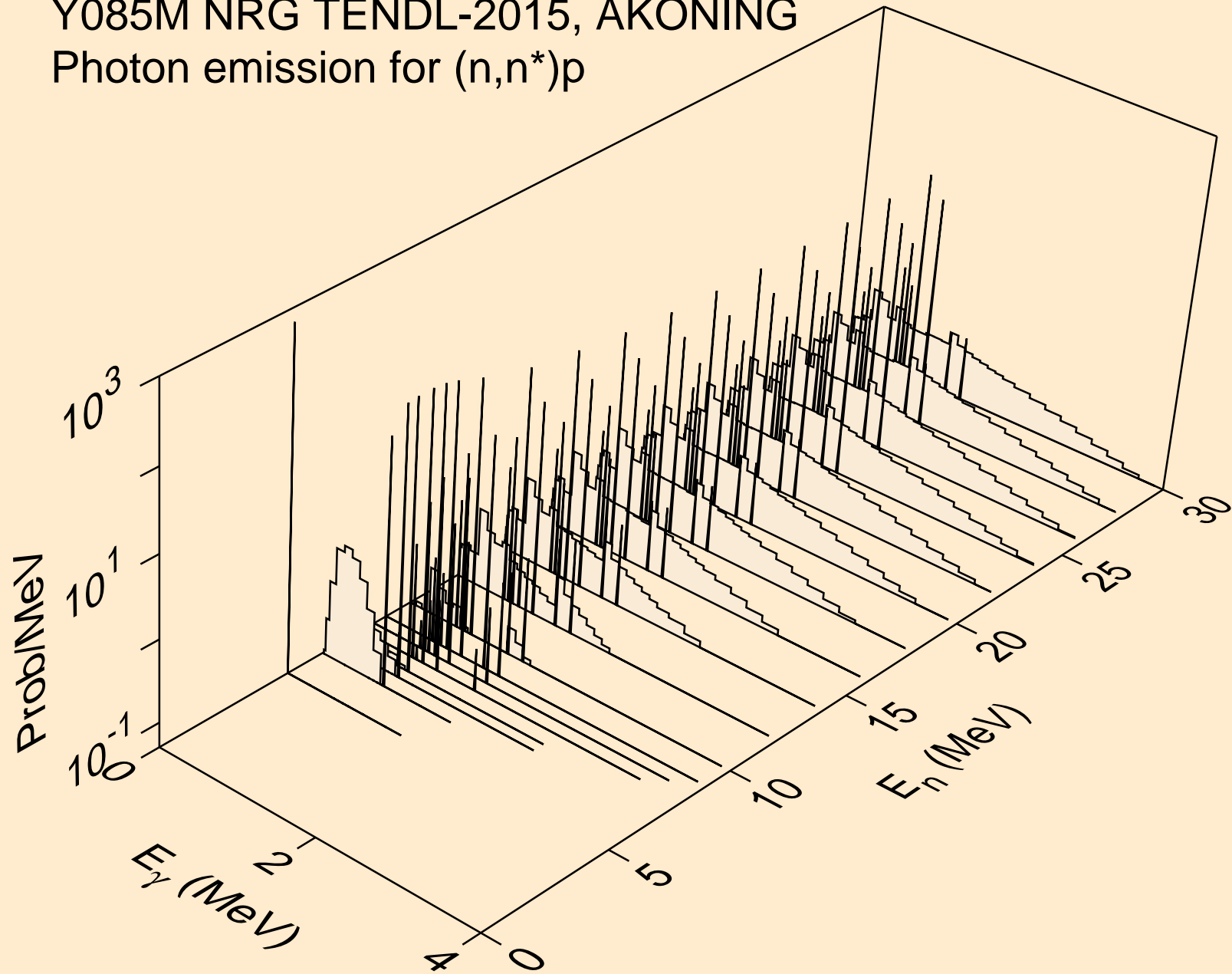
Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



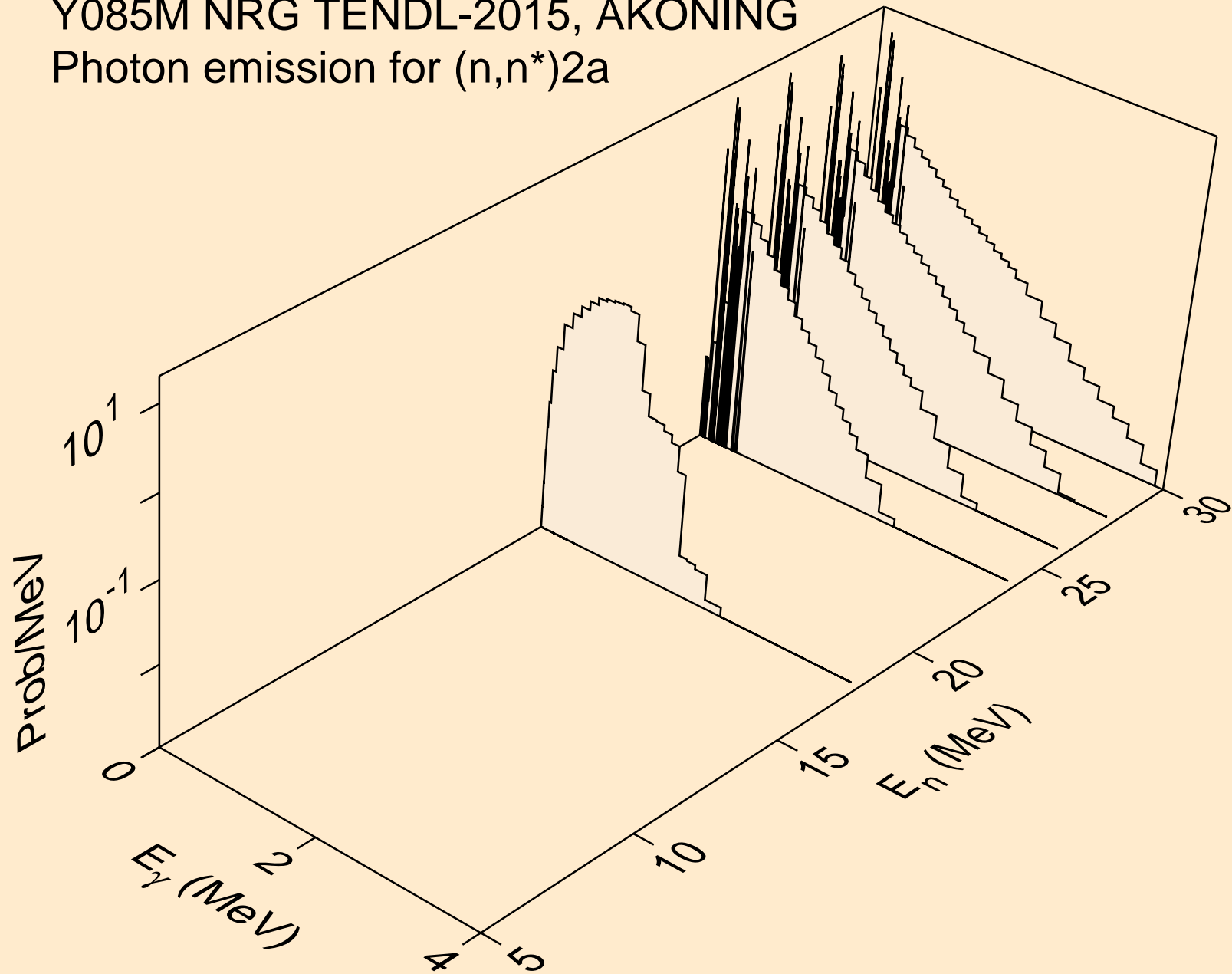
Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



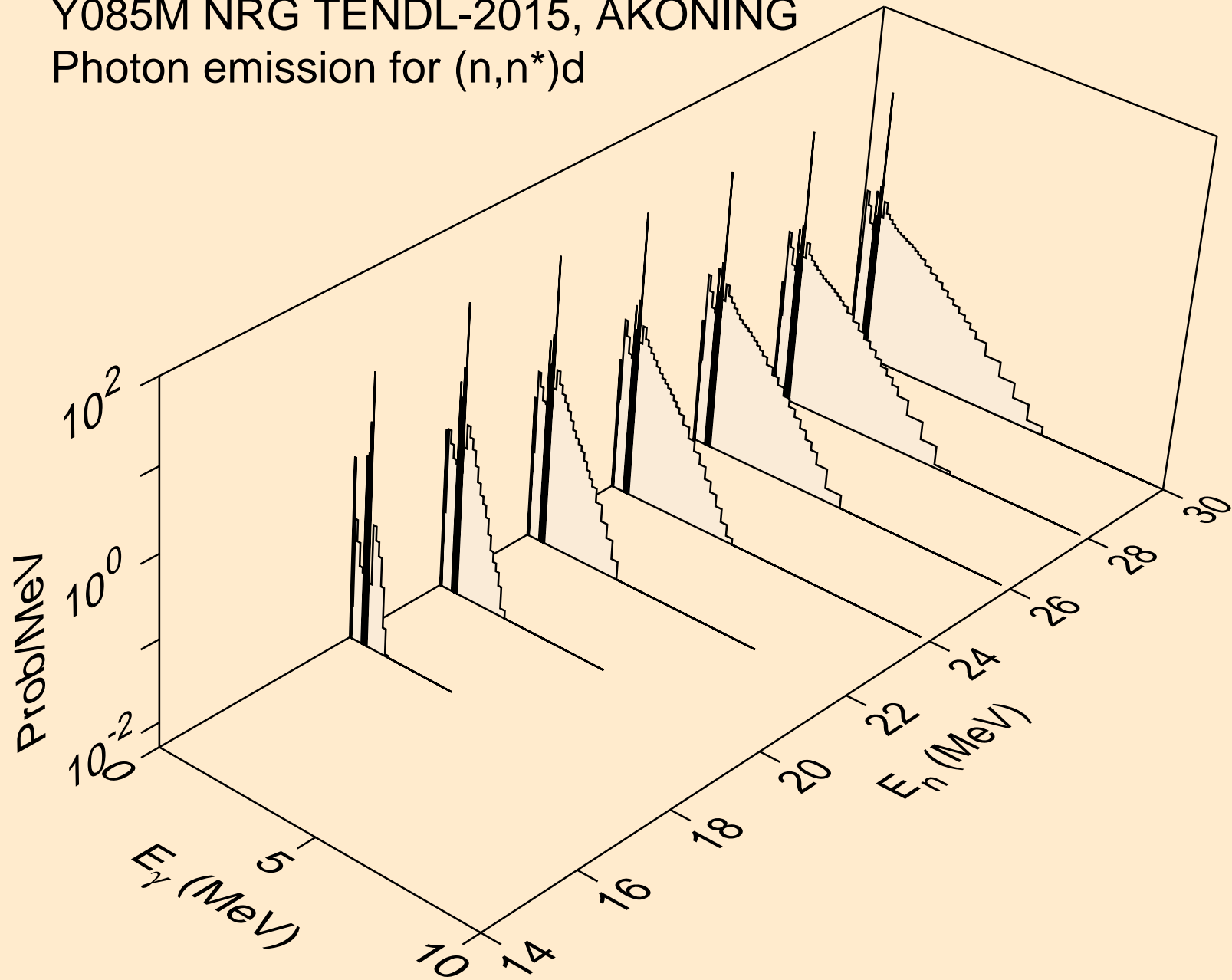
Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

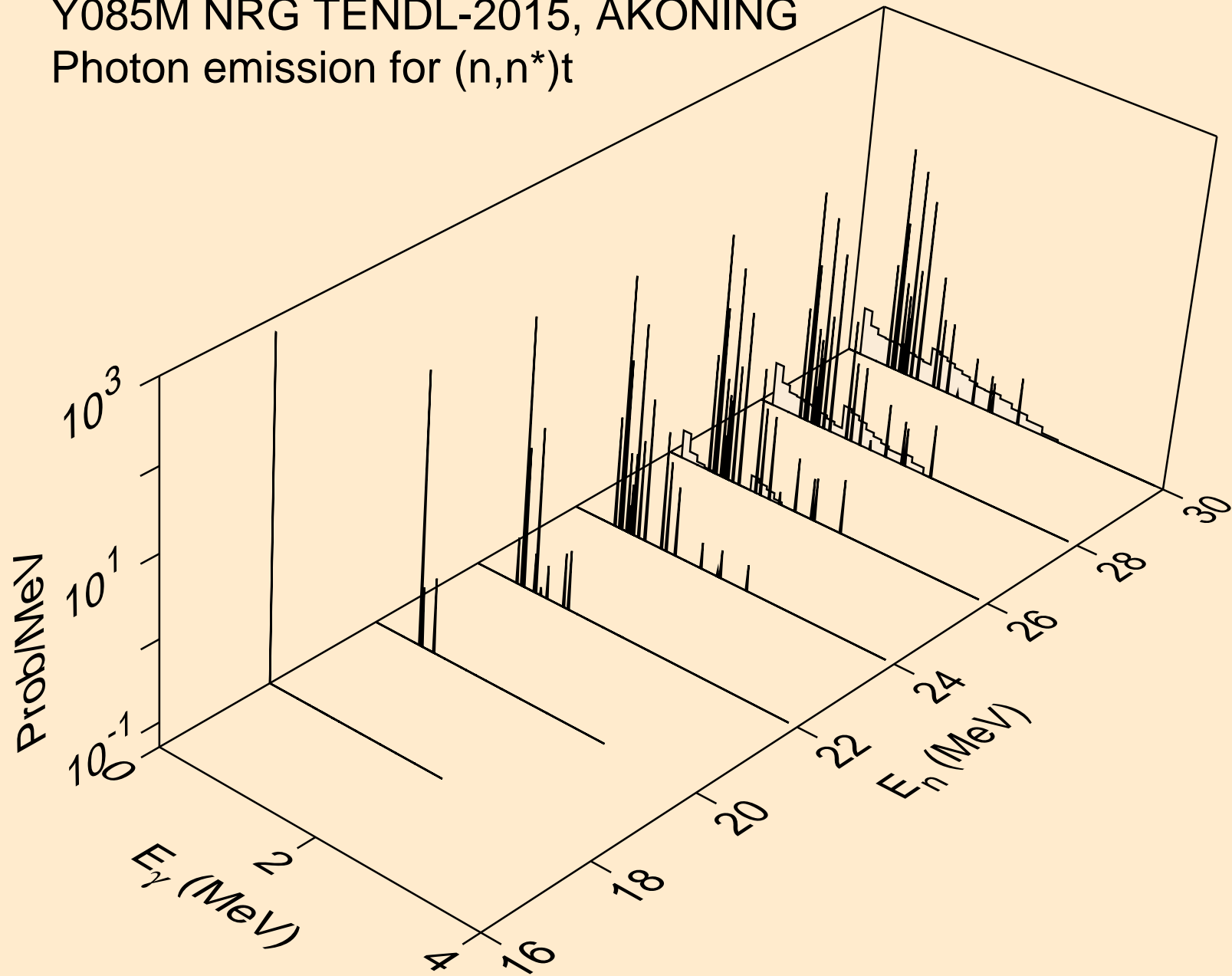


Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

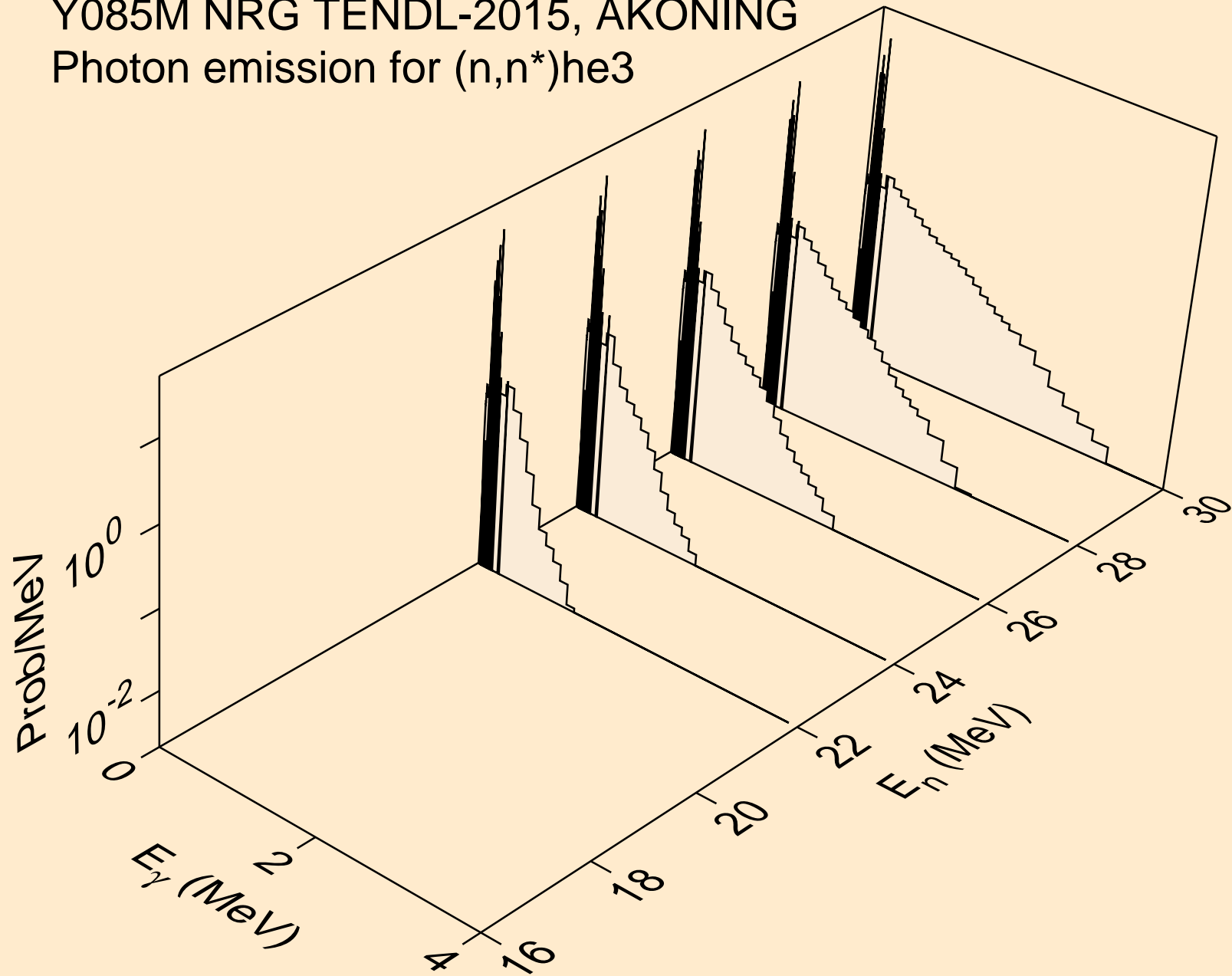




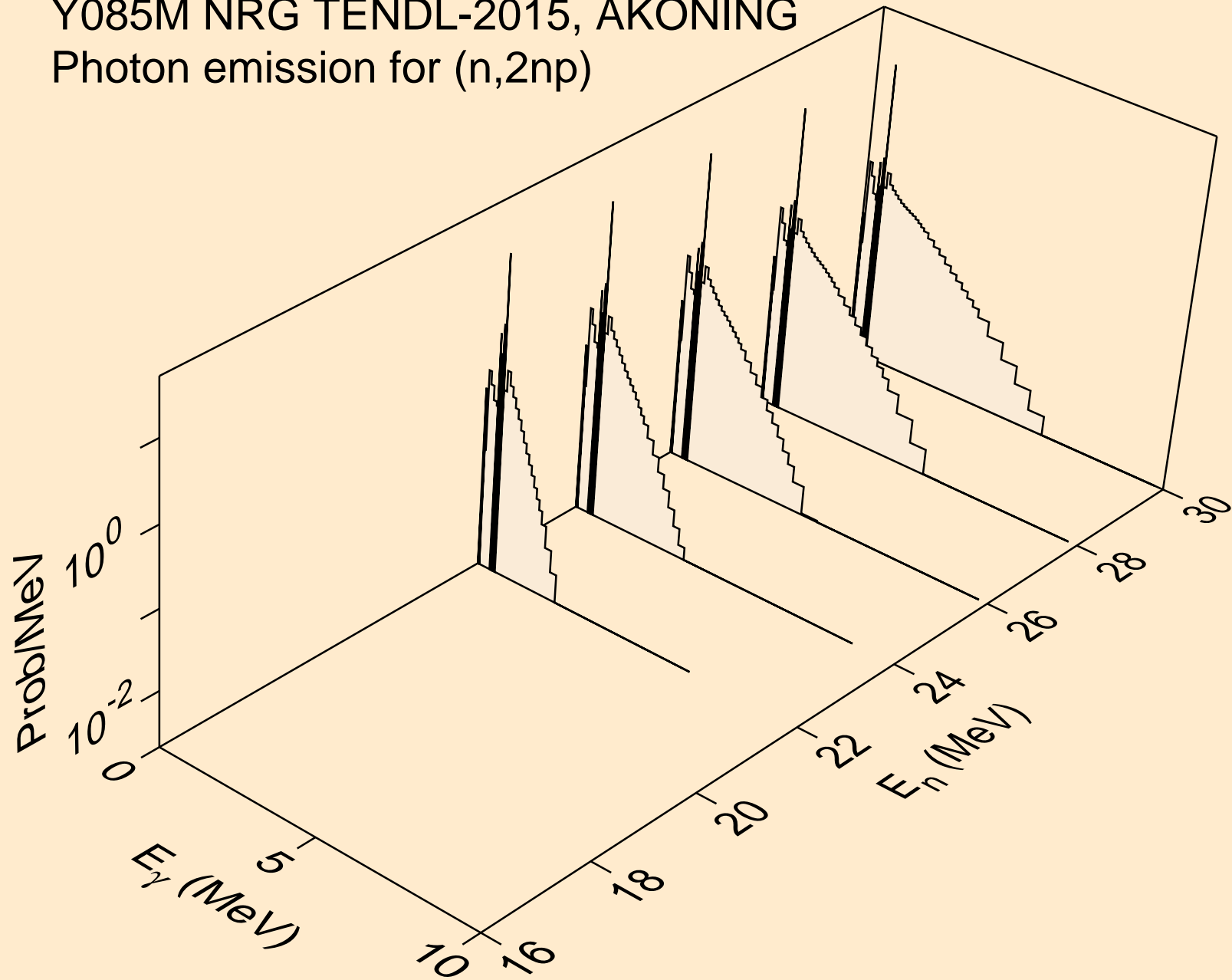
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Photon emission for (n,n\*)t



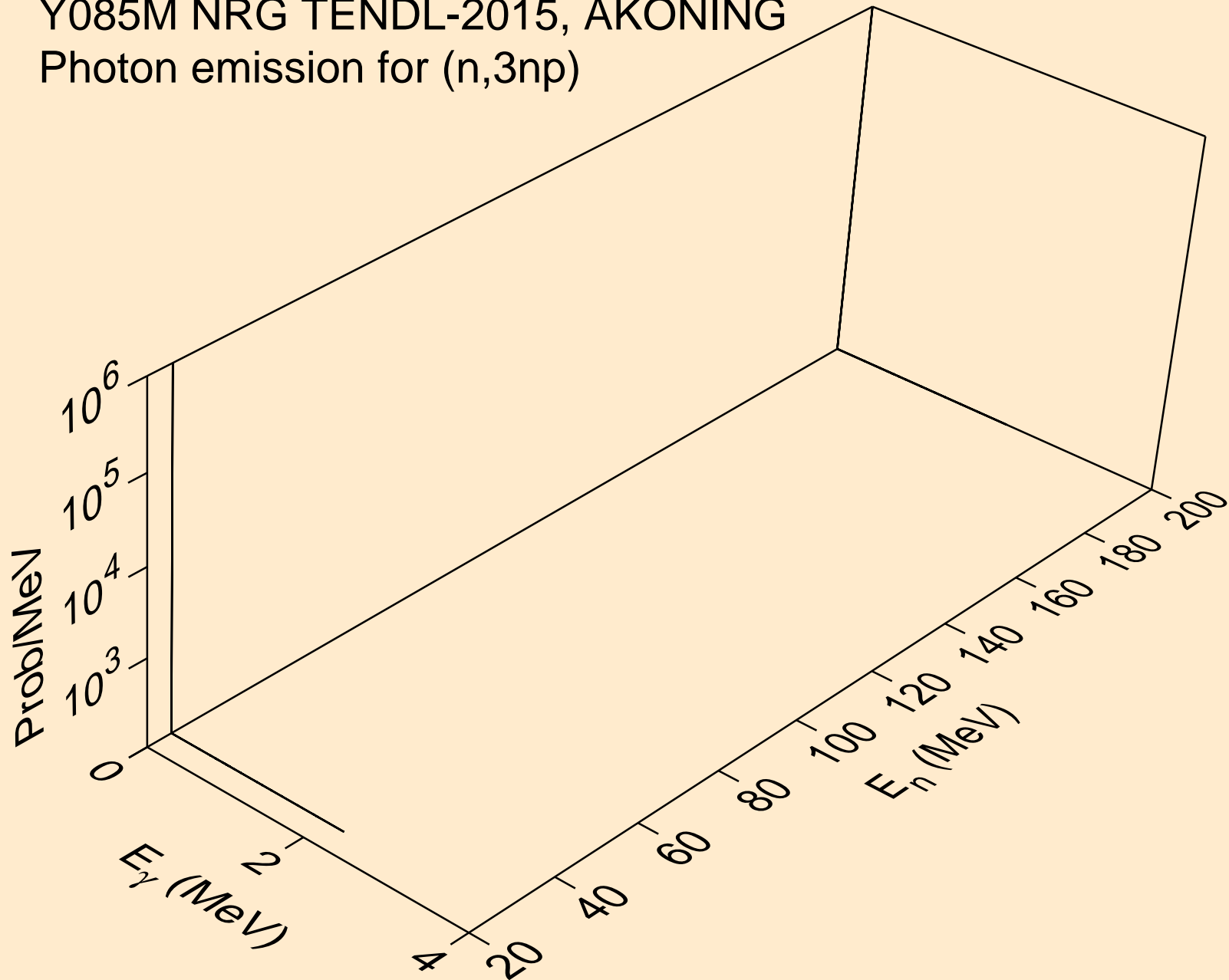
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Photon emission for (n,n\*)he3



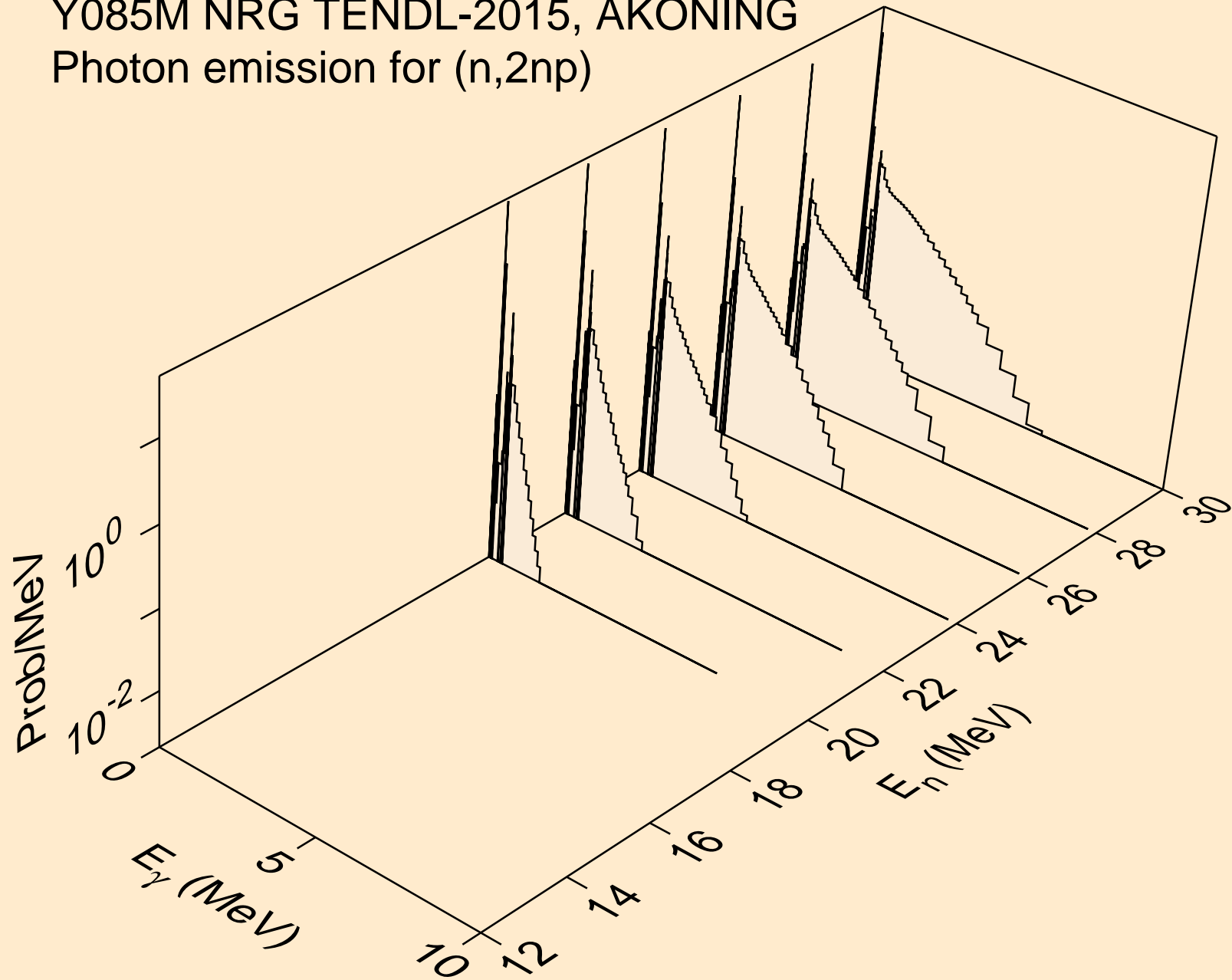
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Photon emission for (n,2np)



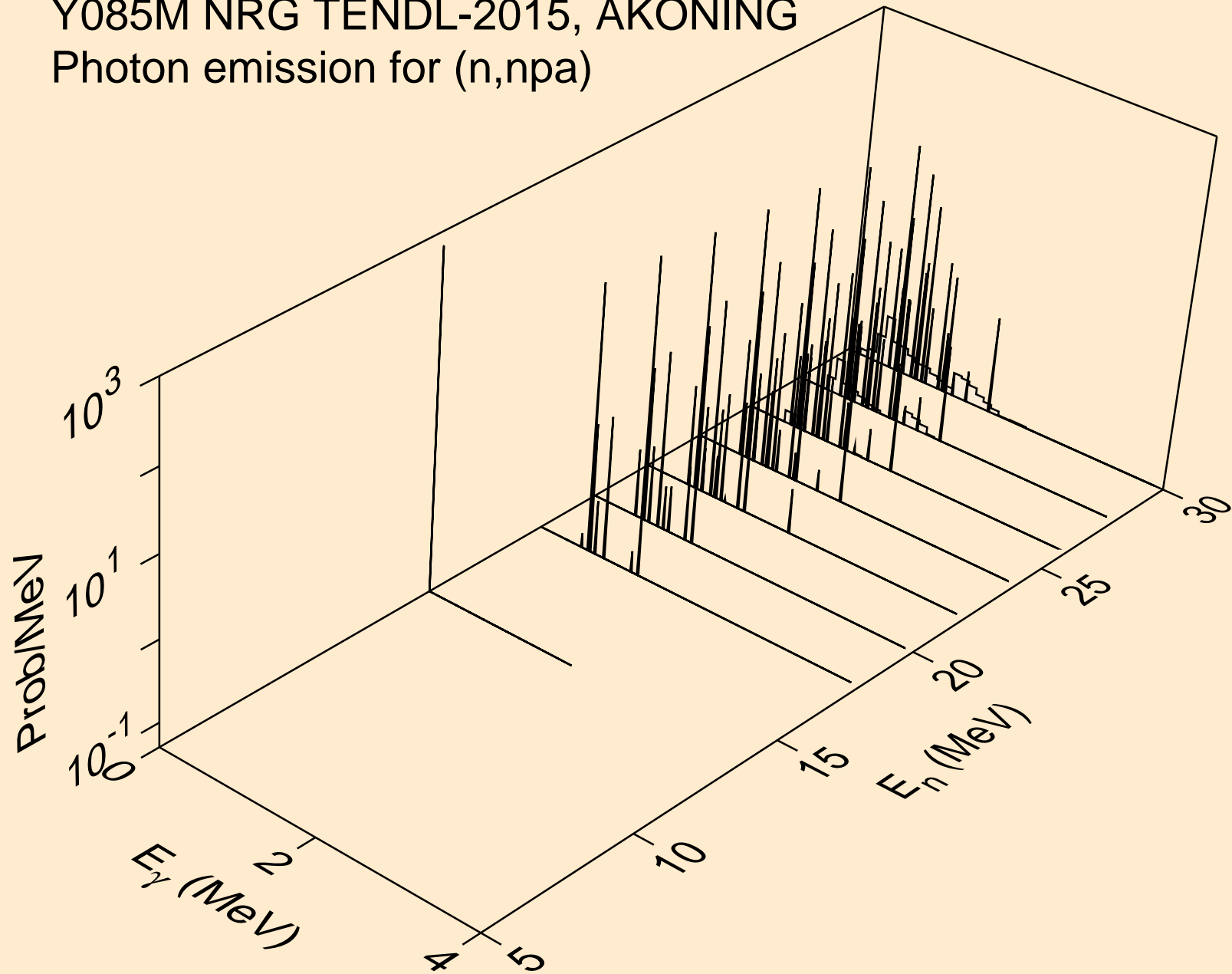
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Photon emission for (n,3np)



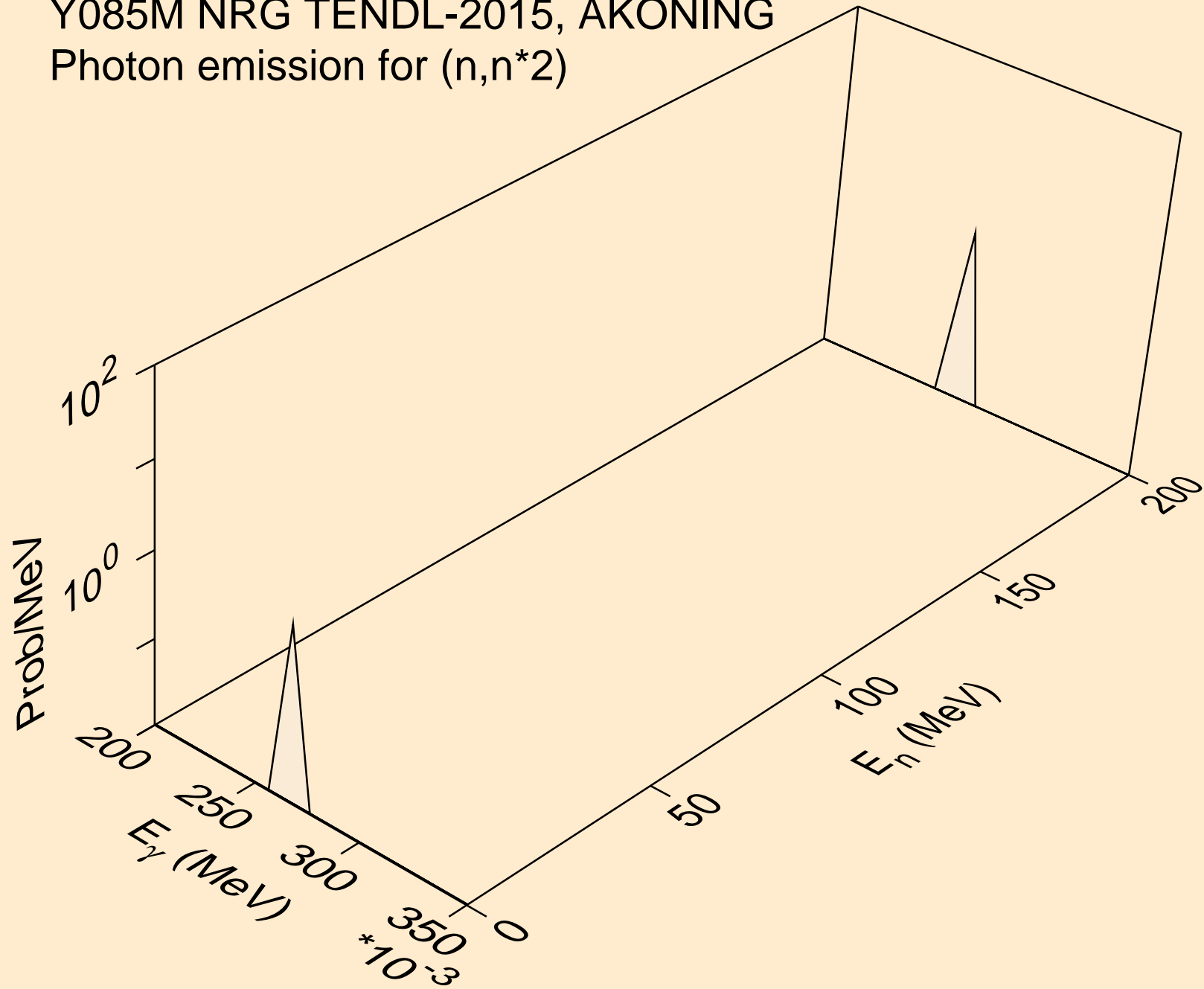
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Photon emission for (n,2np)



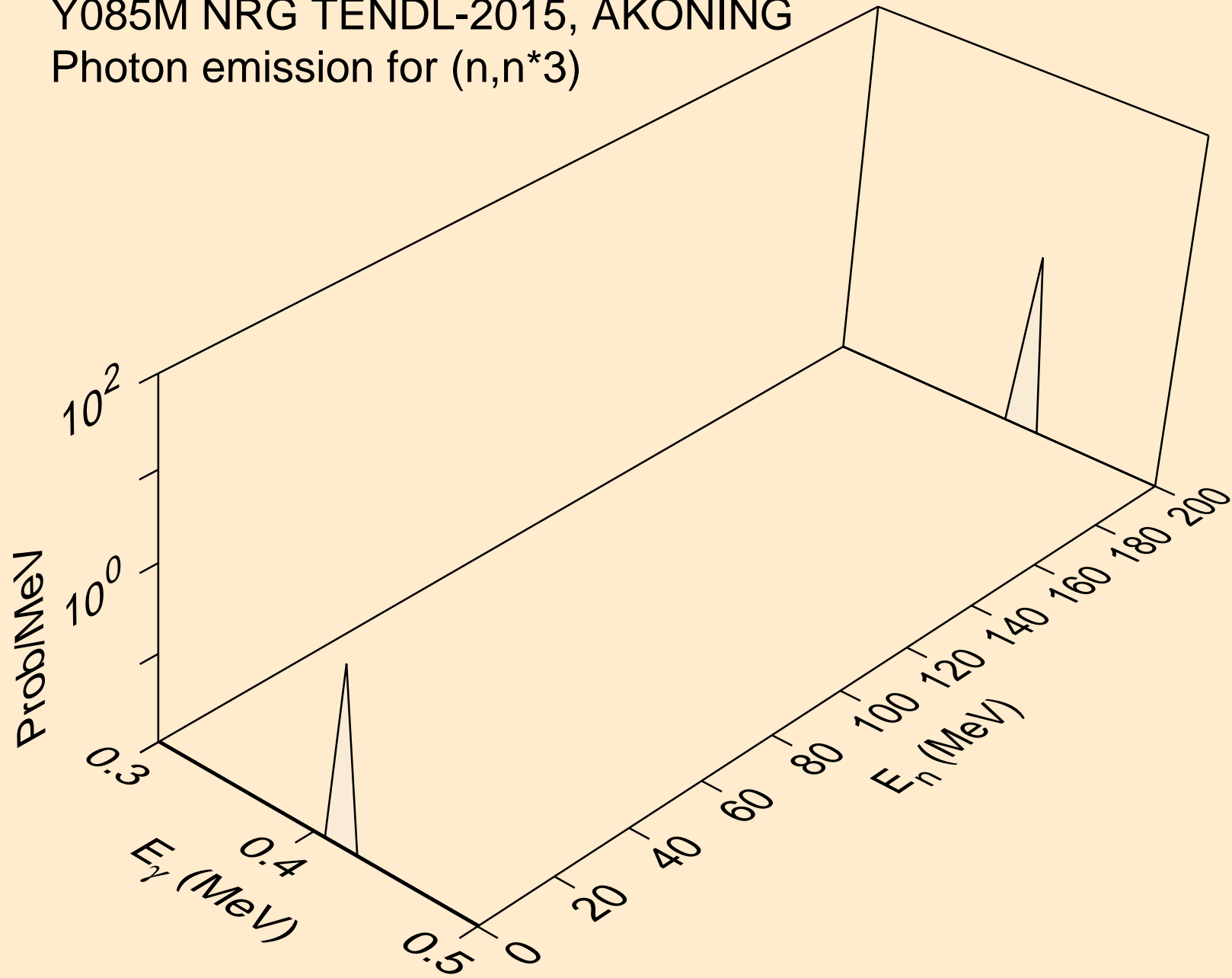
Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)

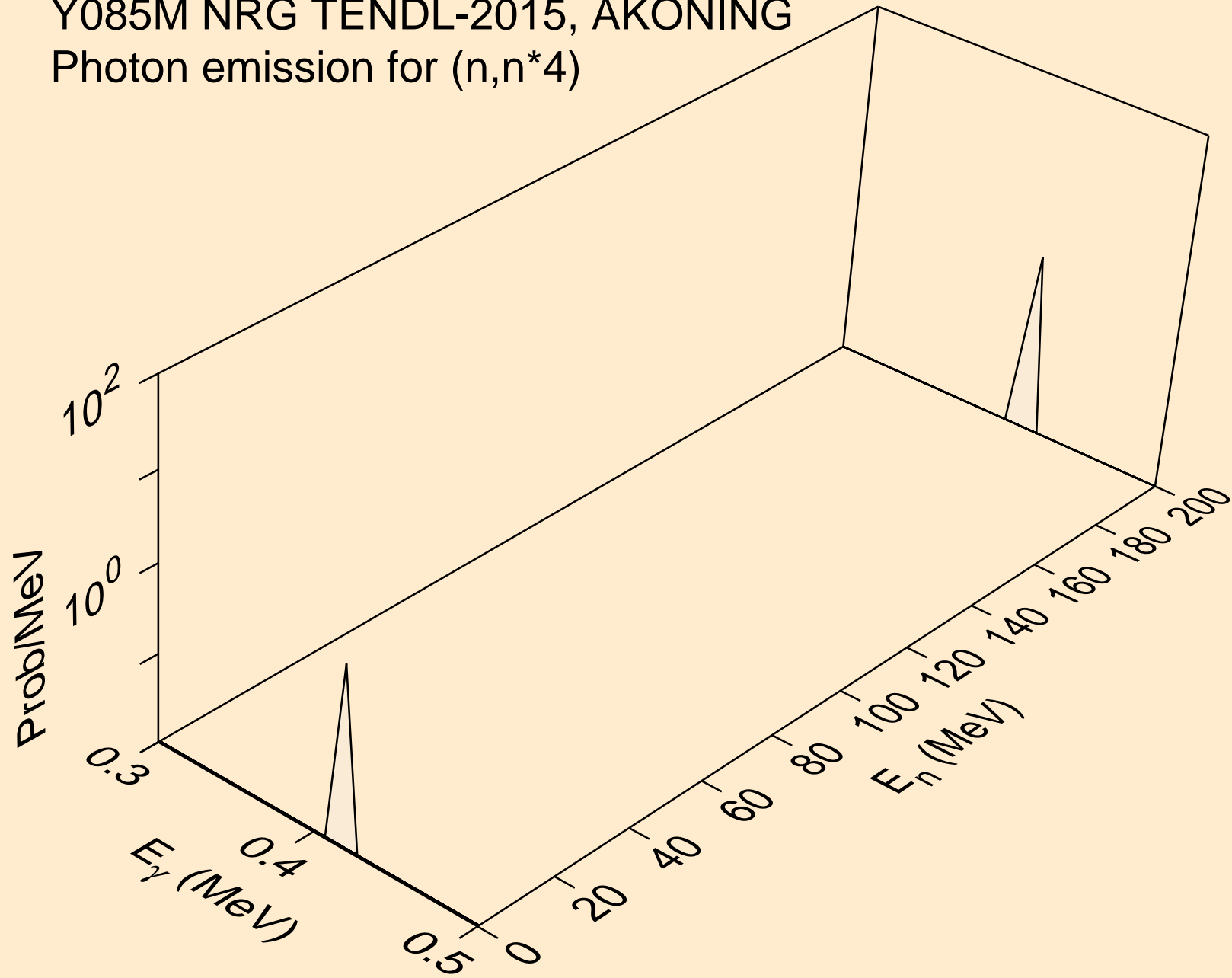


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Photon emission for (n,n\*3)

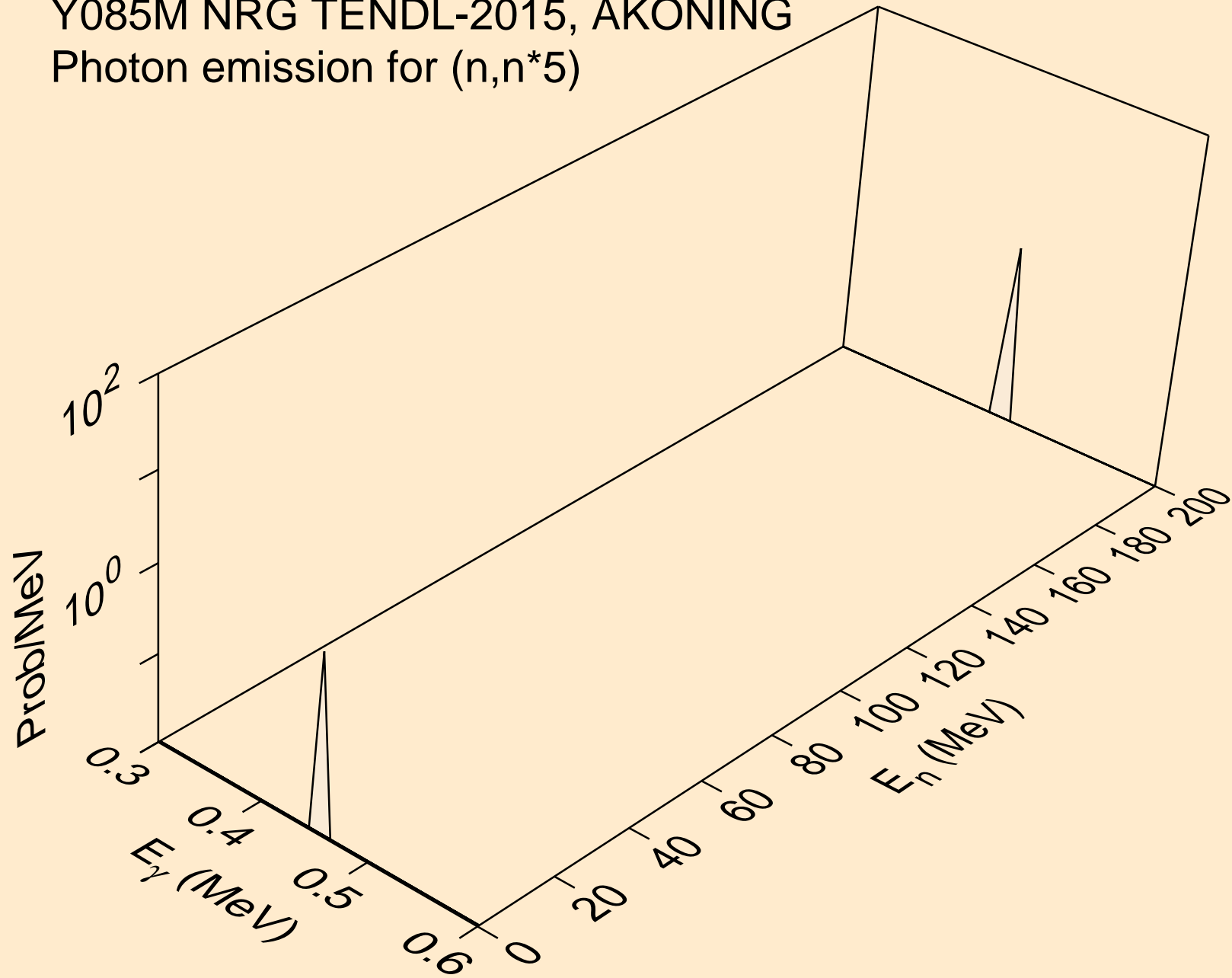




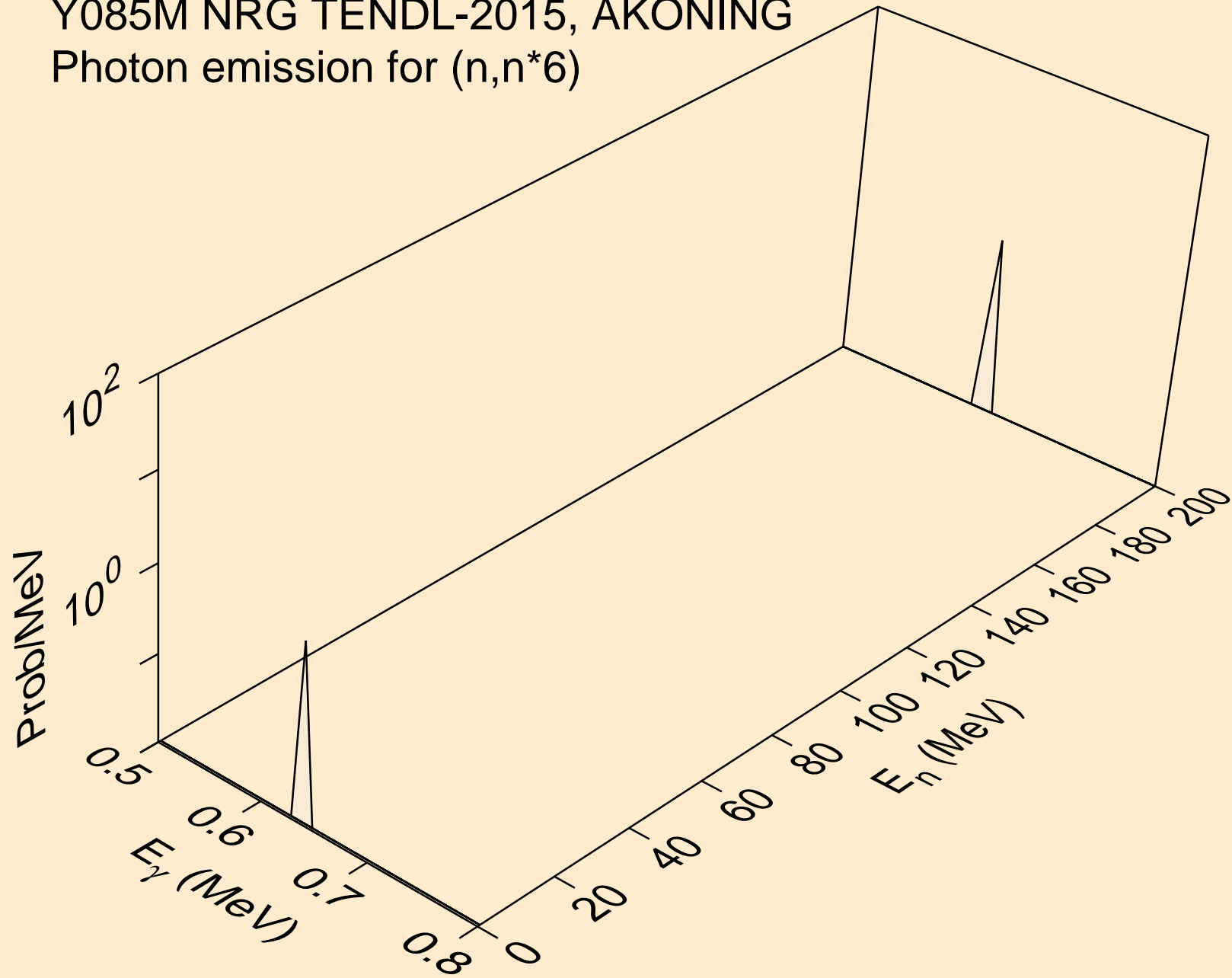
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Photon emission for (n,n\*4)



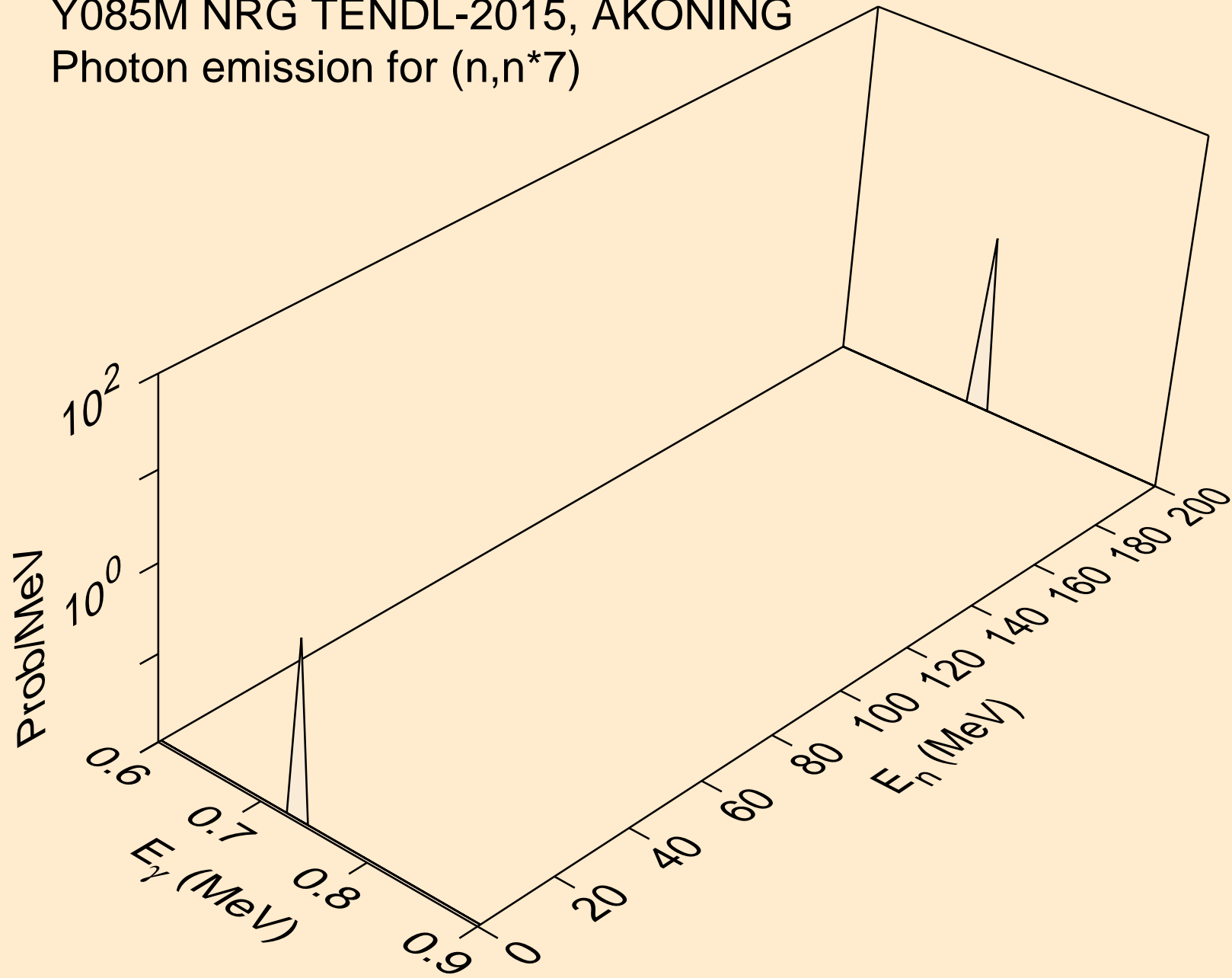
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Photon emission for (n,n\*5)



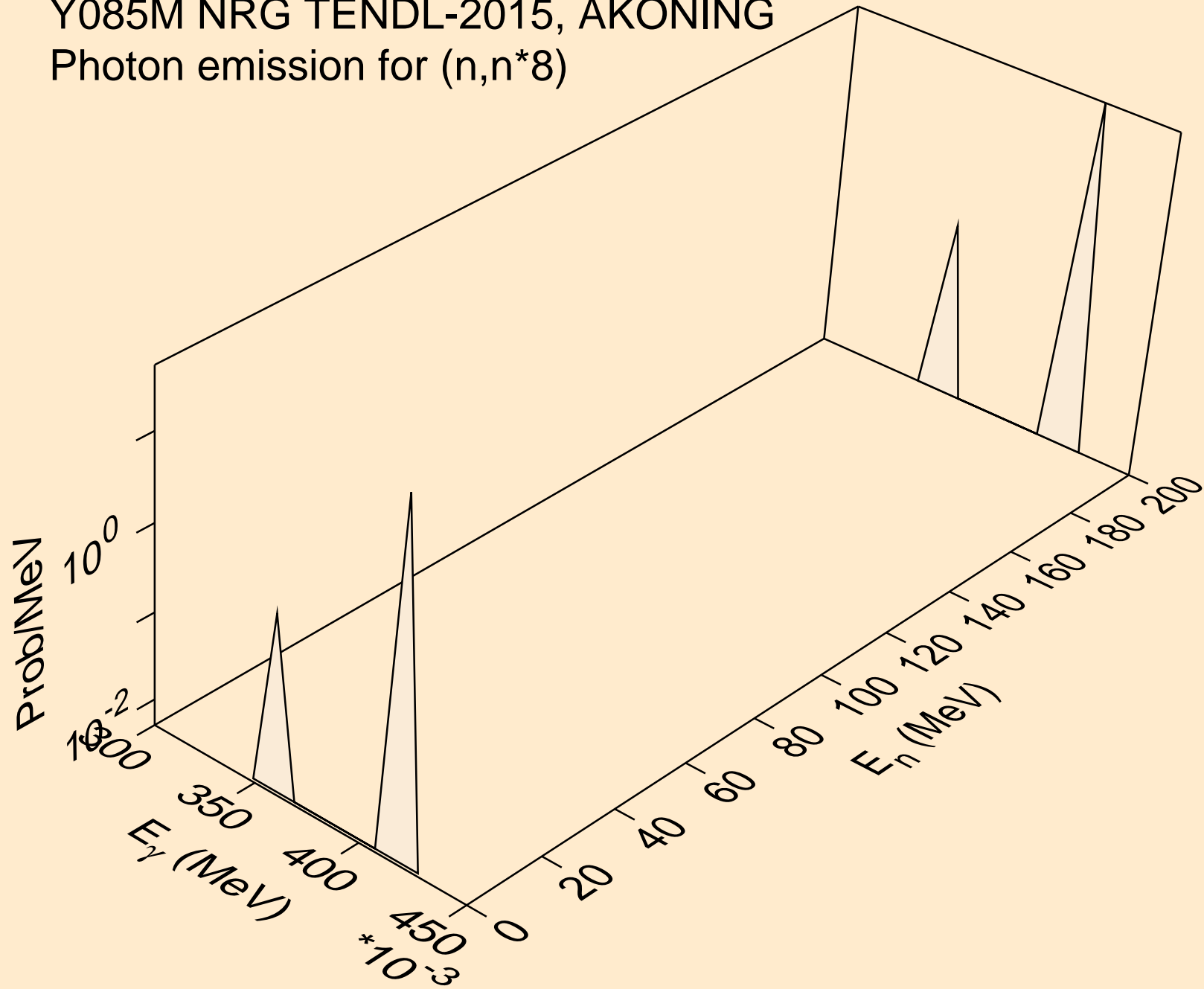
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Photon emission for (n,n\*6)



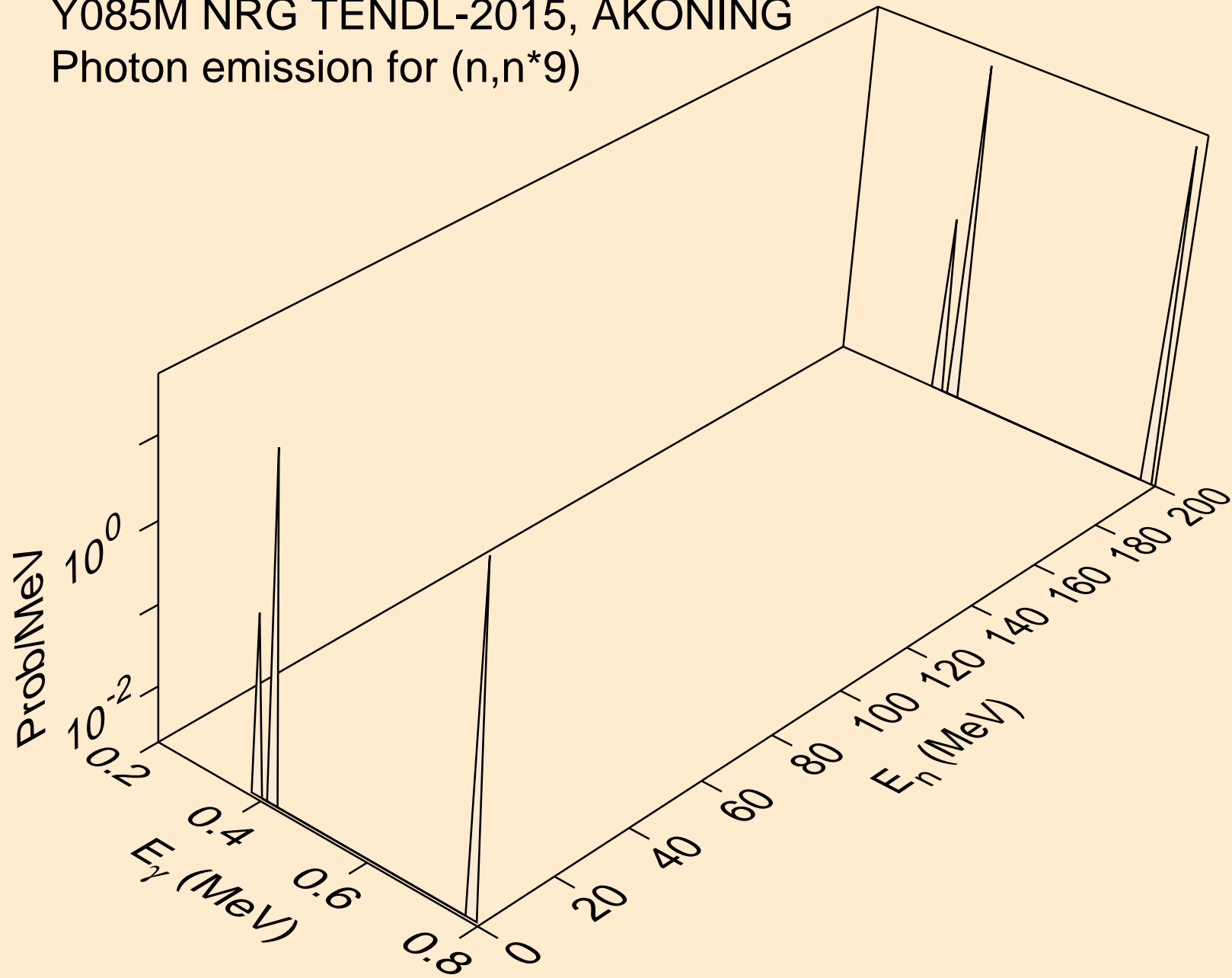
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Photon emission for (n,n\*7)



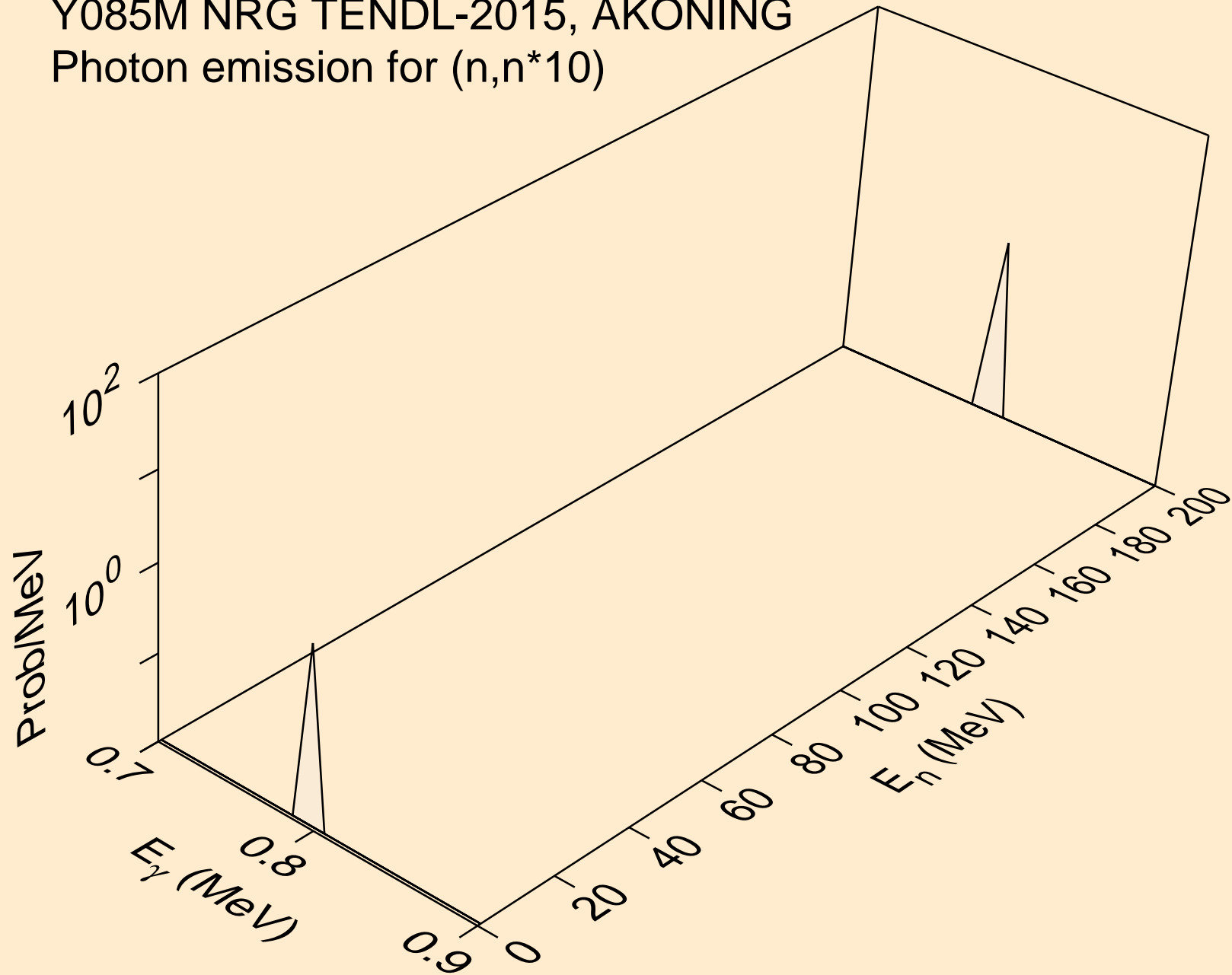
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Photon emission for (n,n\*8)



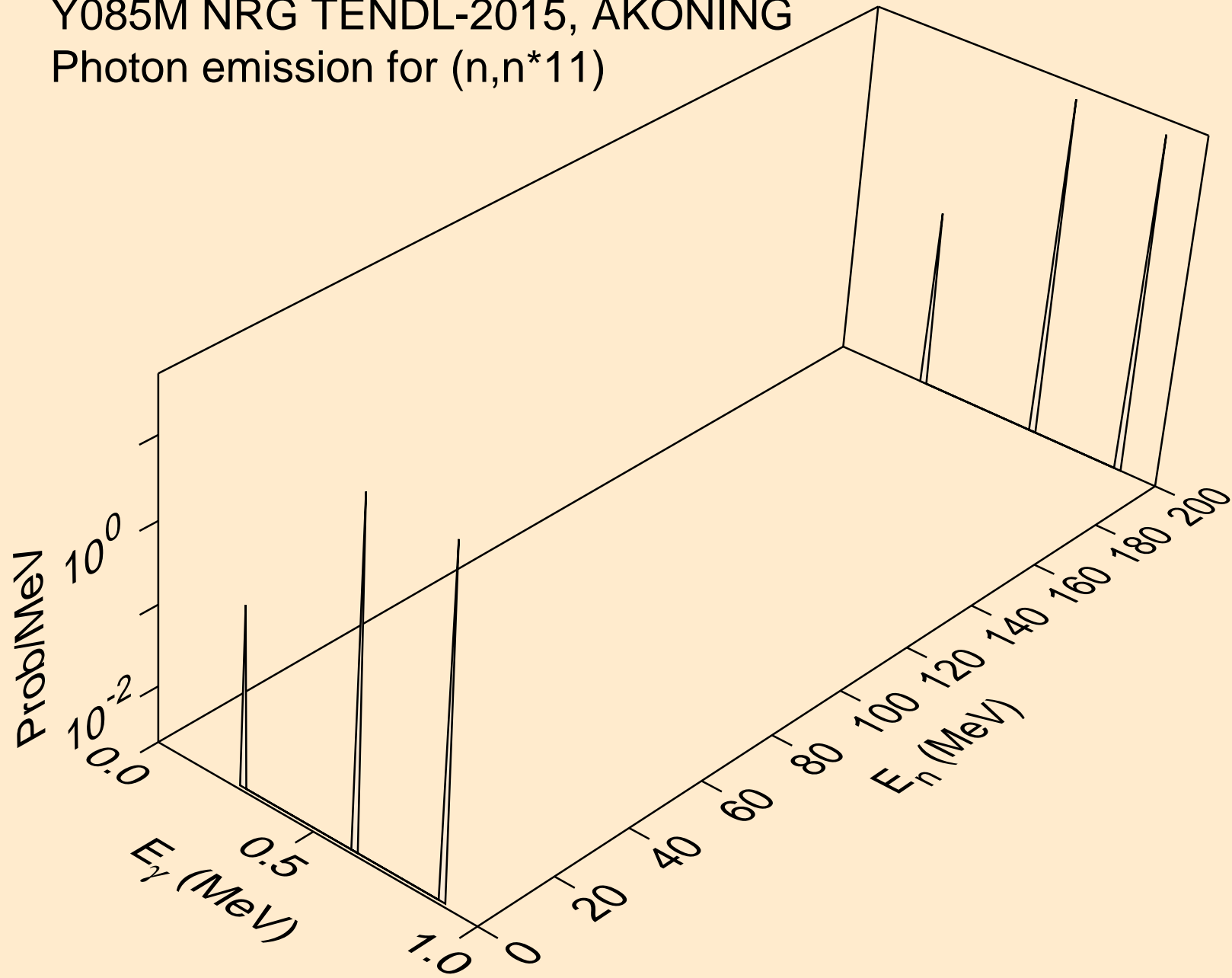
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Photon emission for (n,n\*9)



Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)

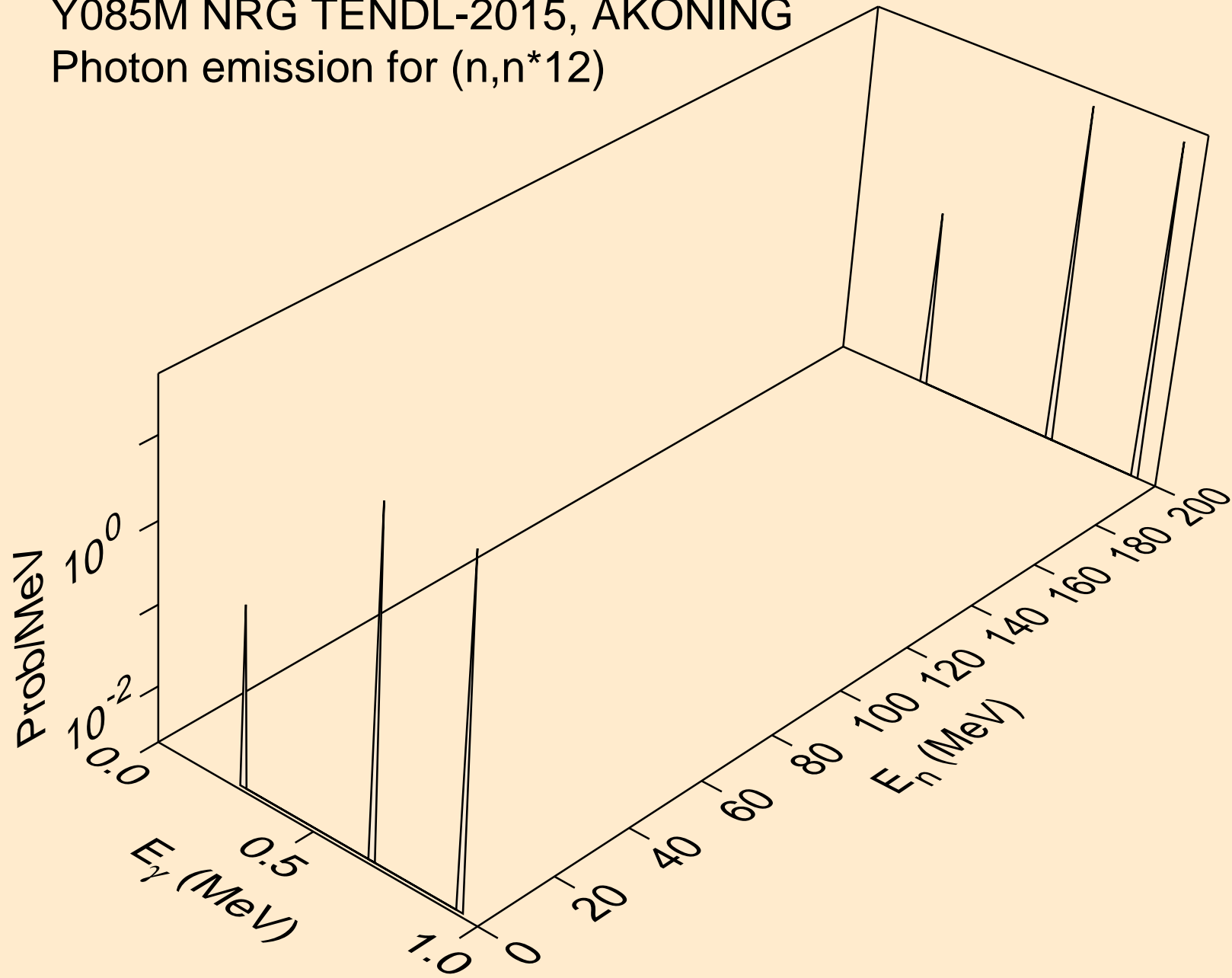


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Photon emission for (n,n\*11)

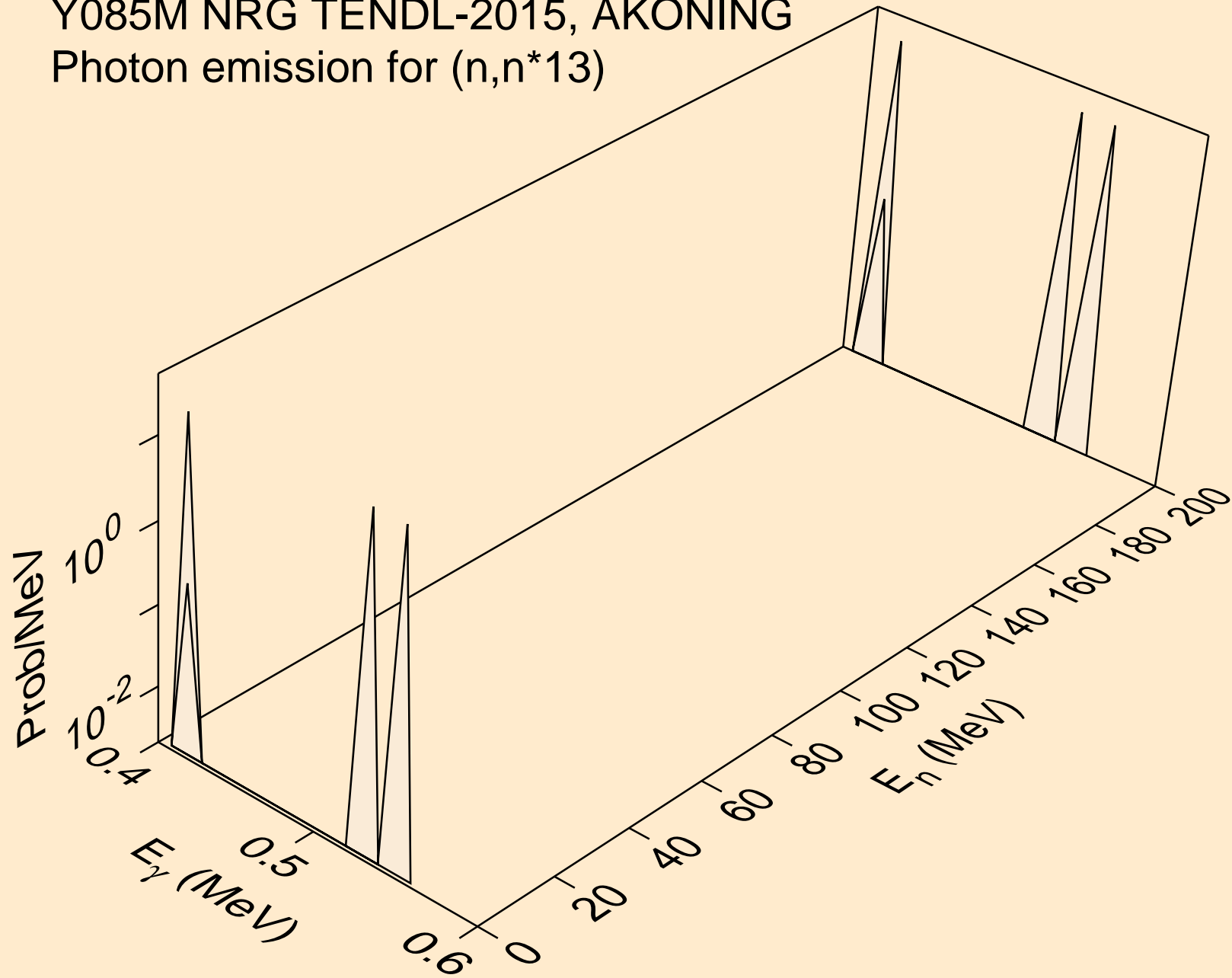




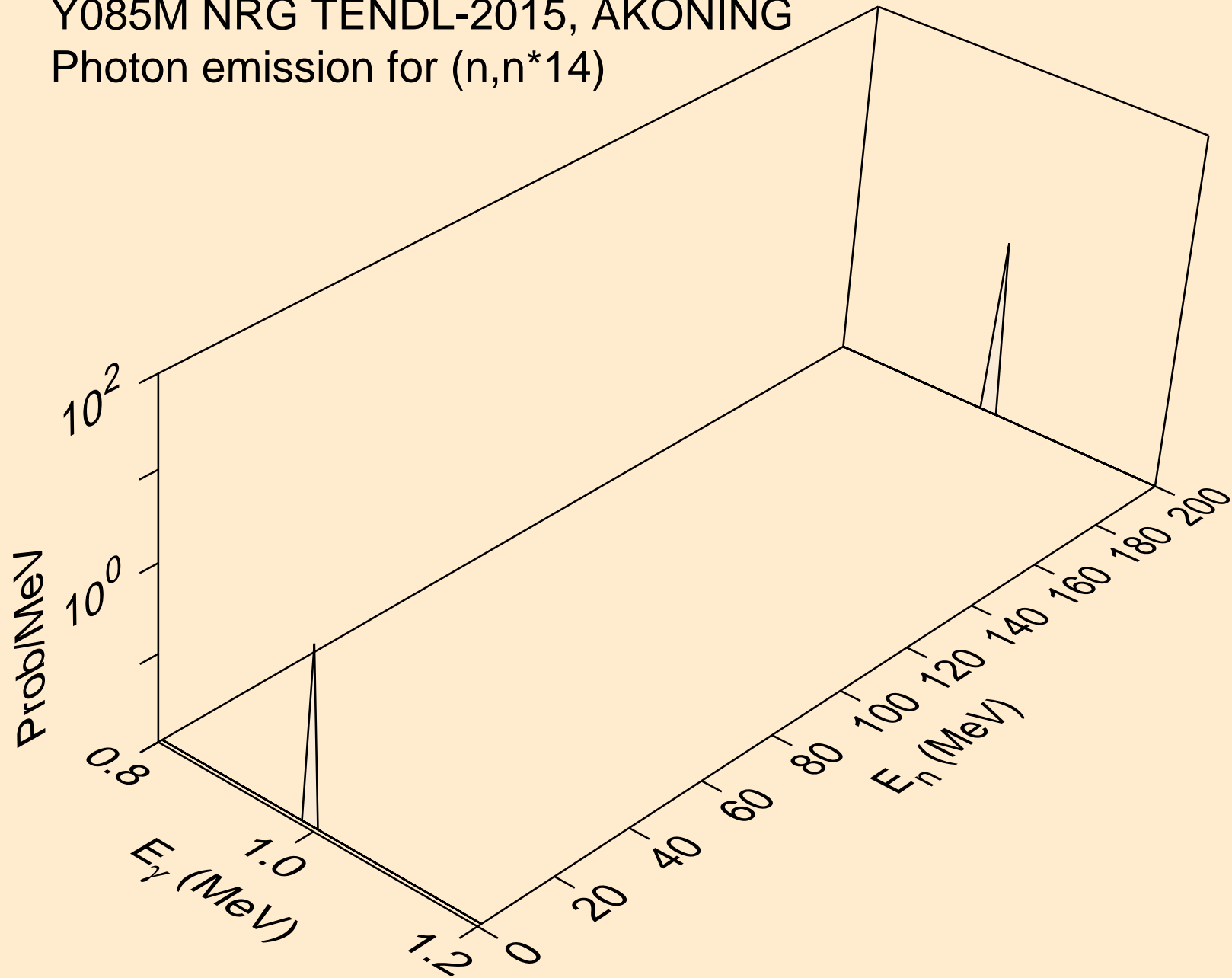
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Photon emission for (n,n\*12)



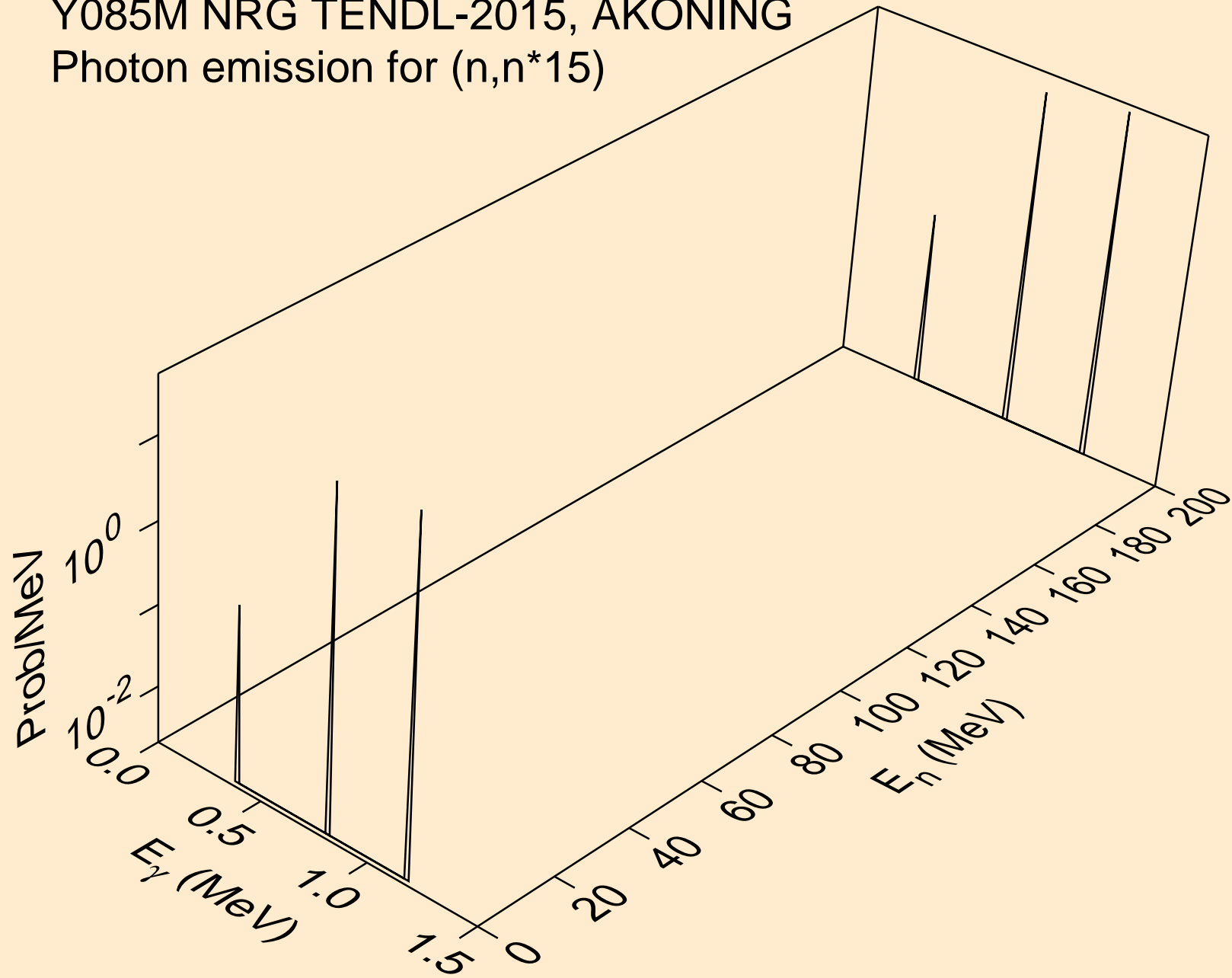
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Photon emission for (n,n\*13)



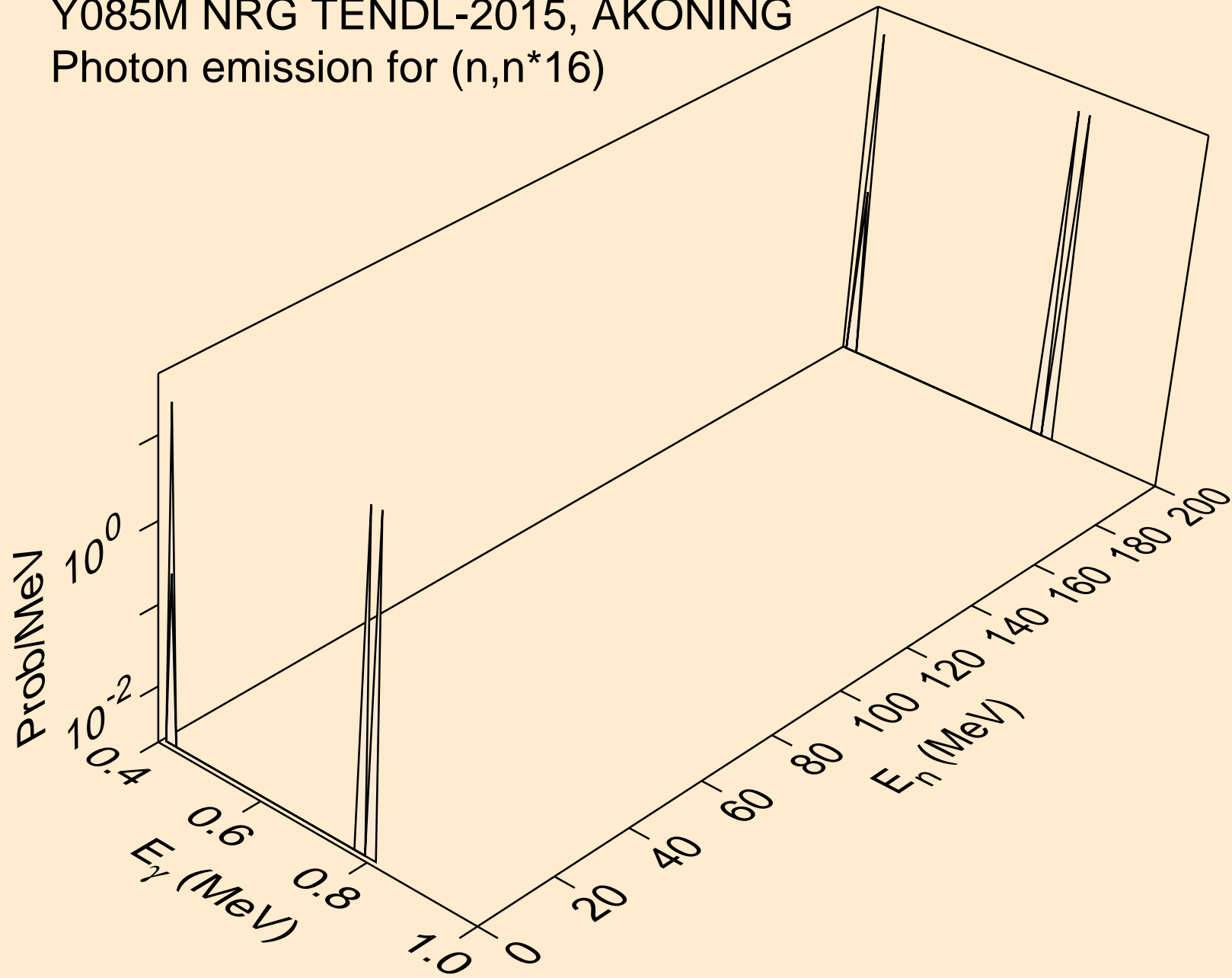
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Photon emission for (n,n\*14)



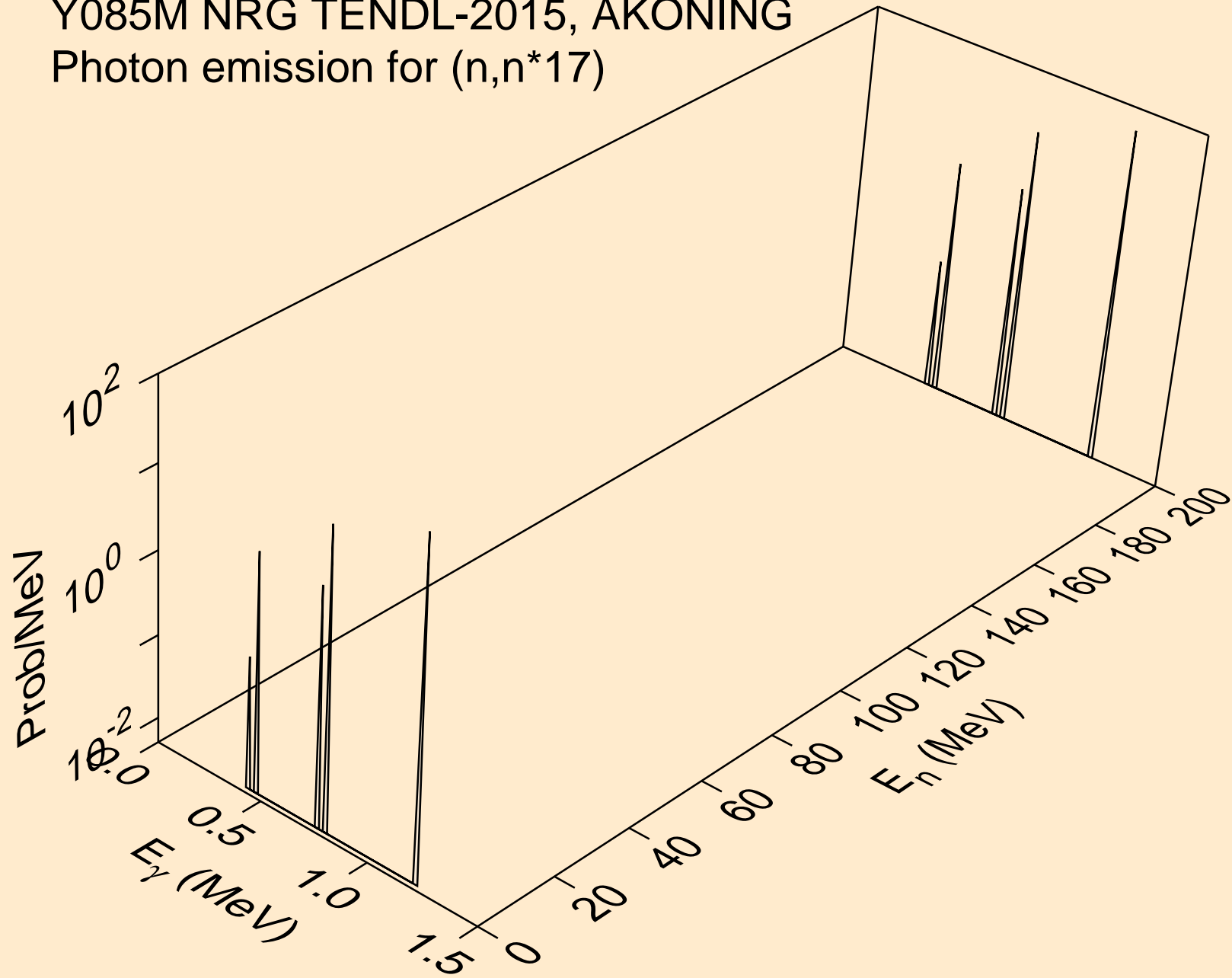
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Photon emission for (n,n\*15)



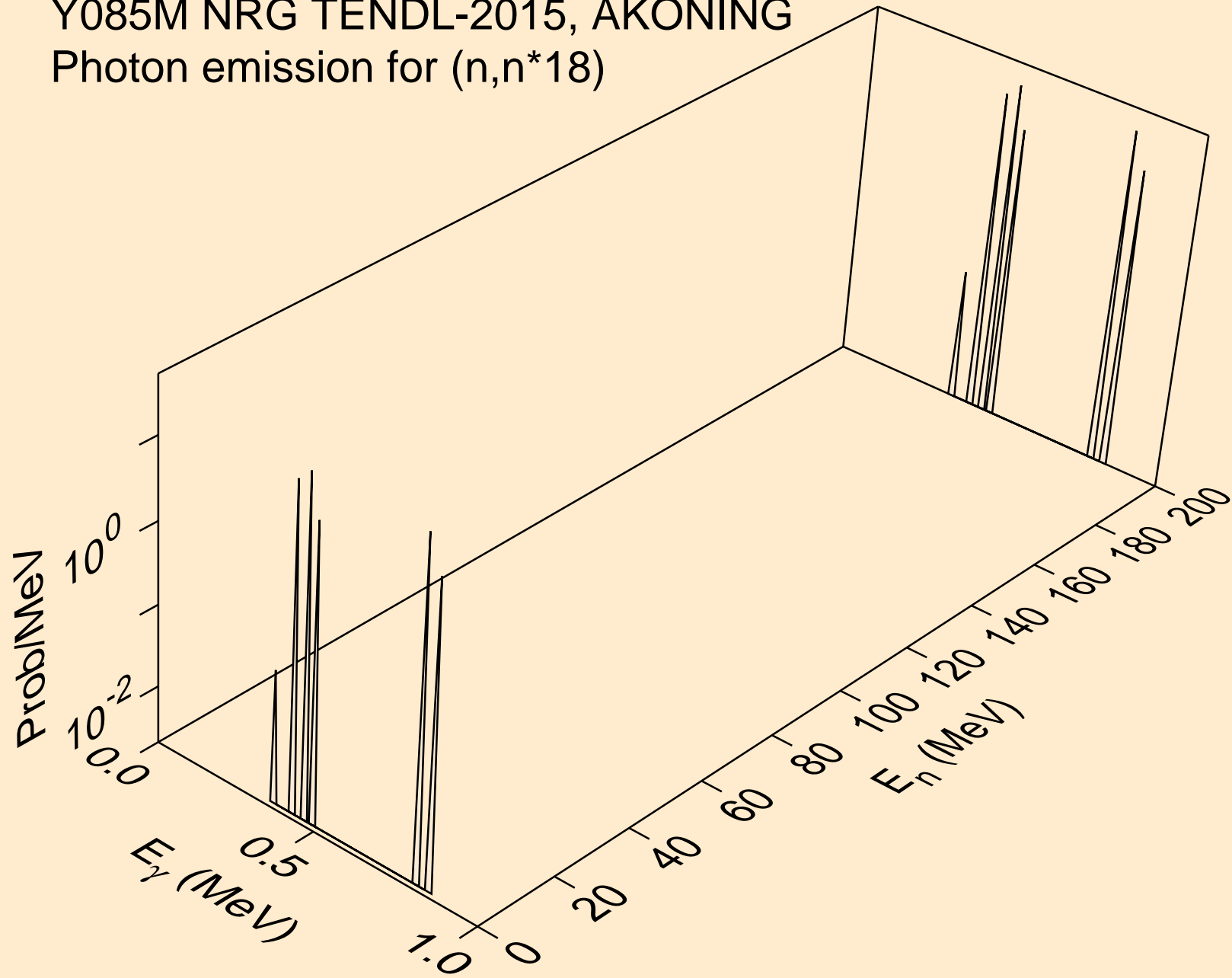
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Photon emission for (n,n\*16)



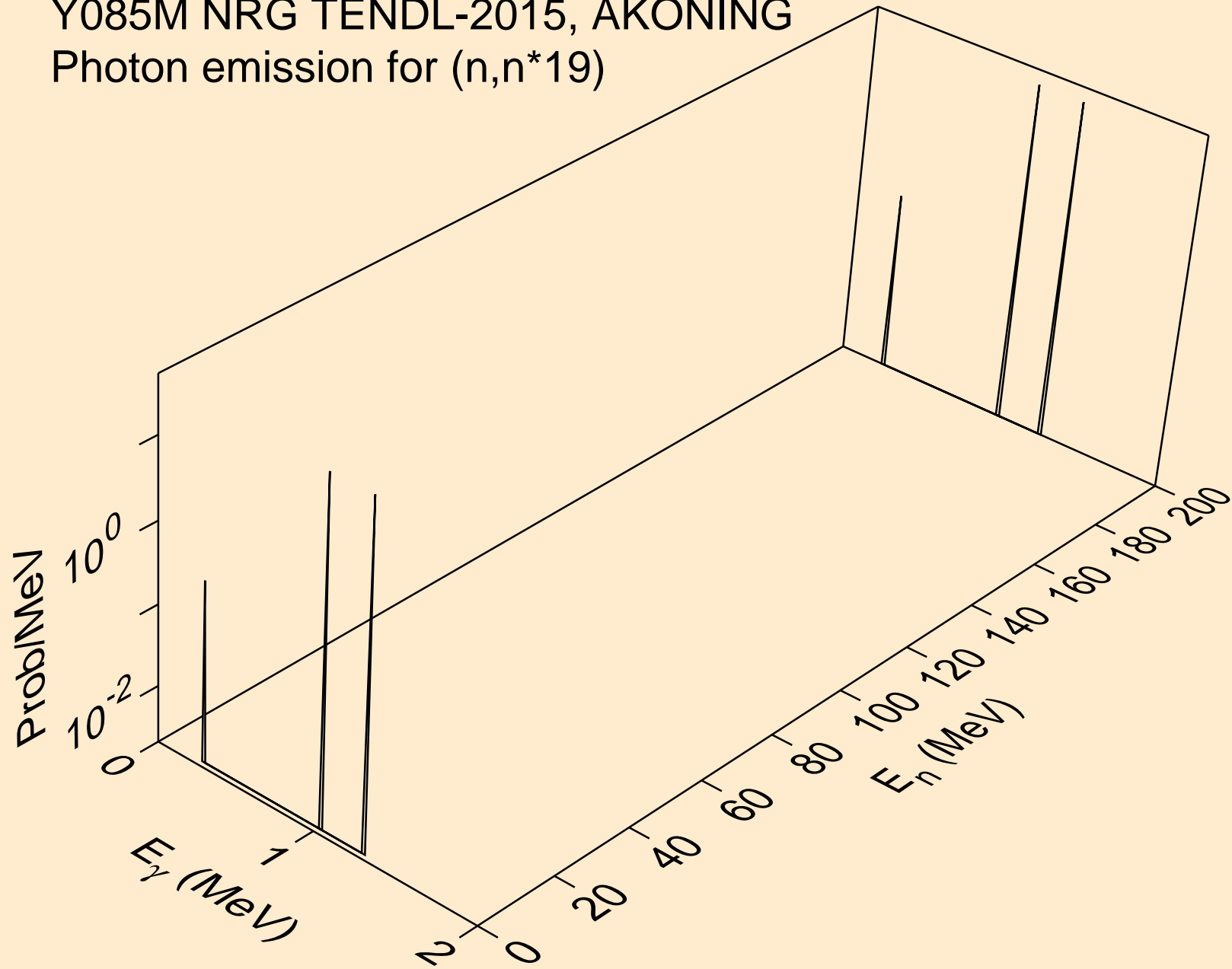
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Photon emission for (n,n\*17)



Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)

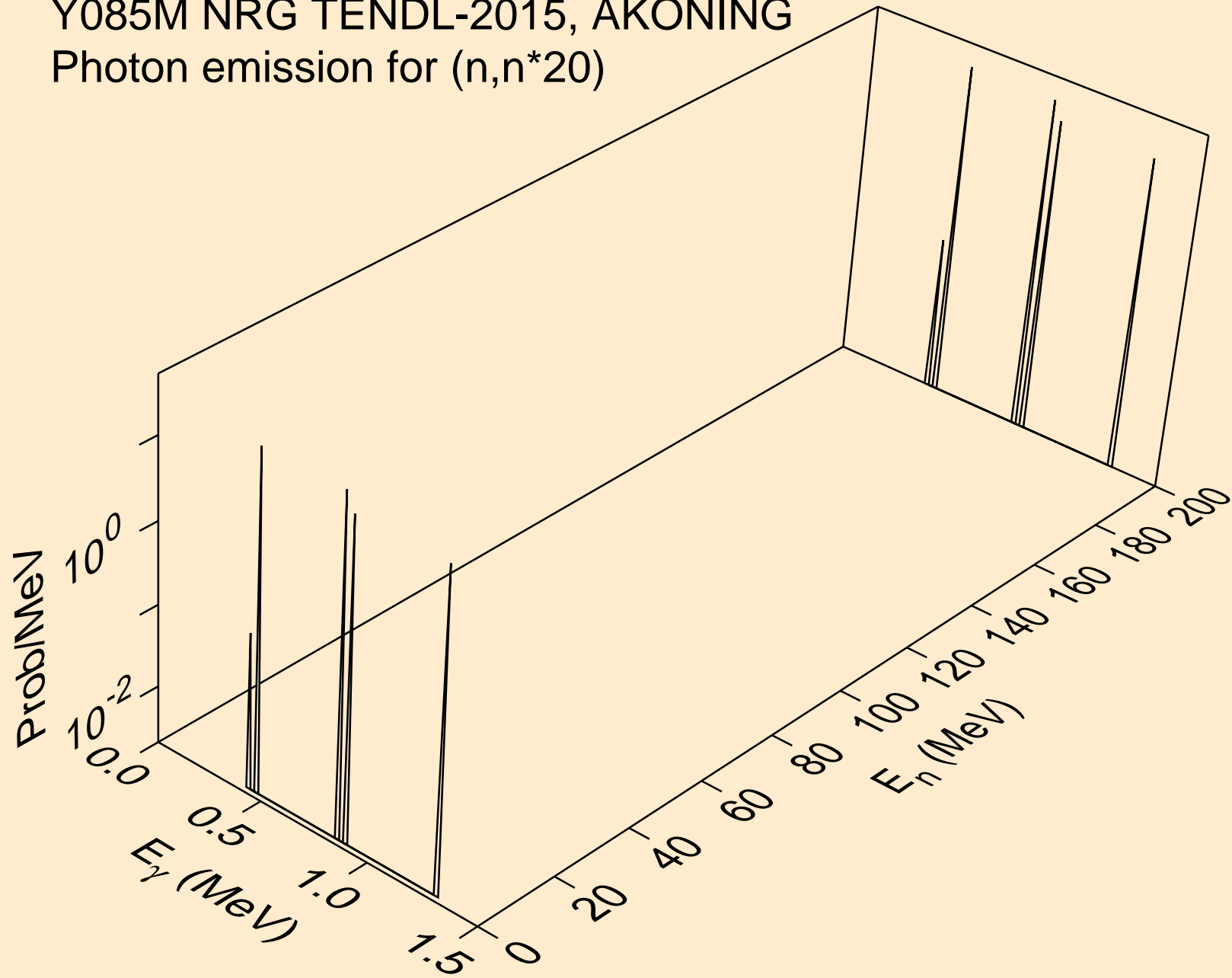


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Photon emission for (n,n\*19)

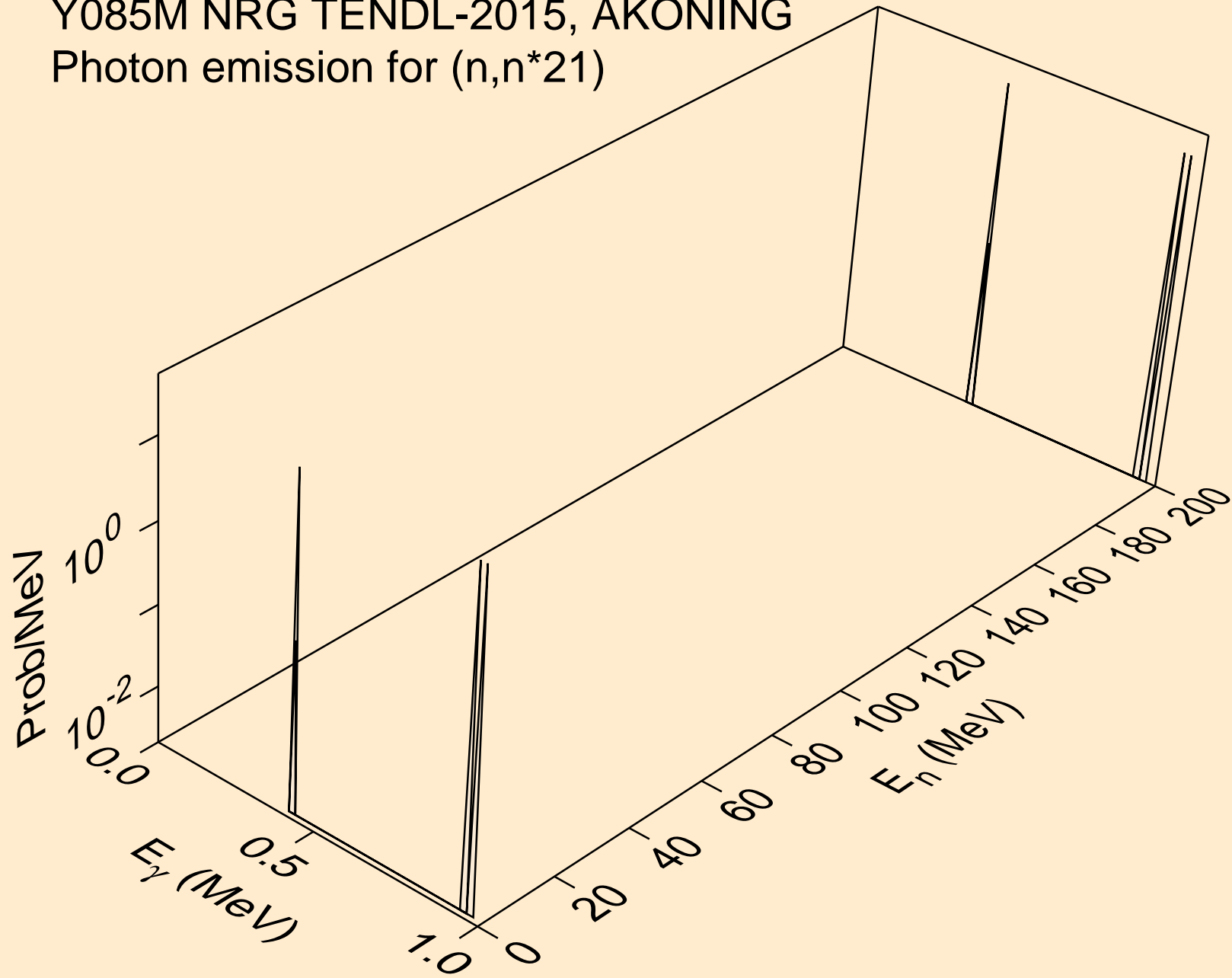




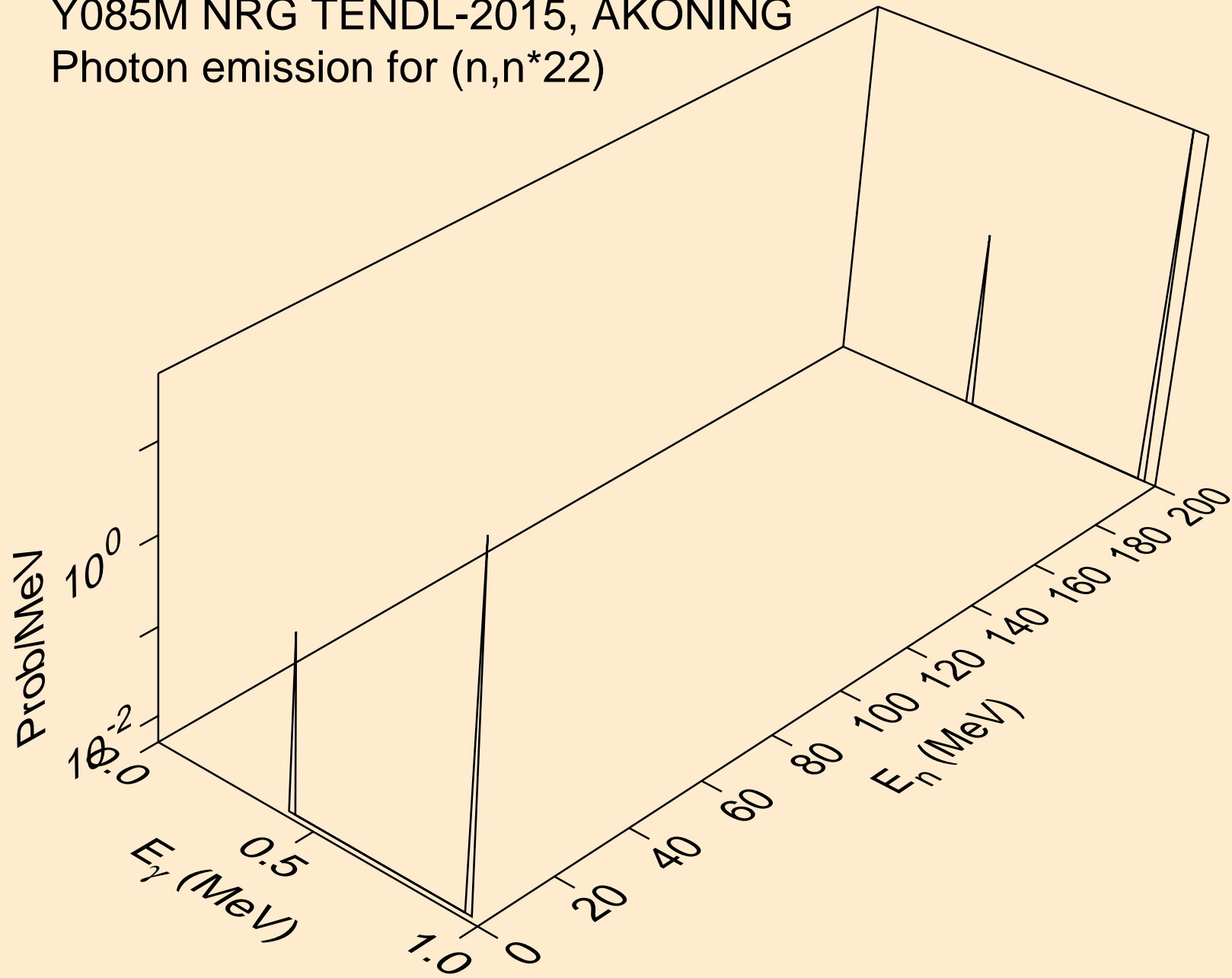
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Photon emission for (n,n\*20)



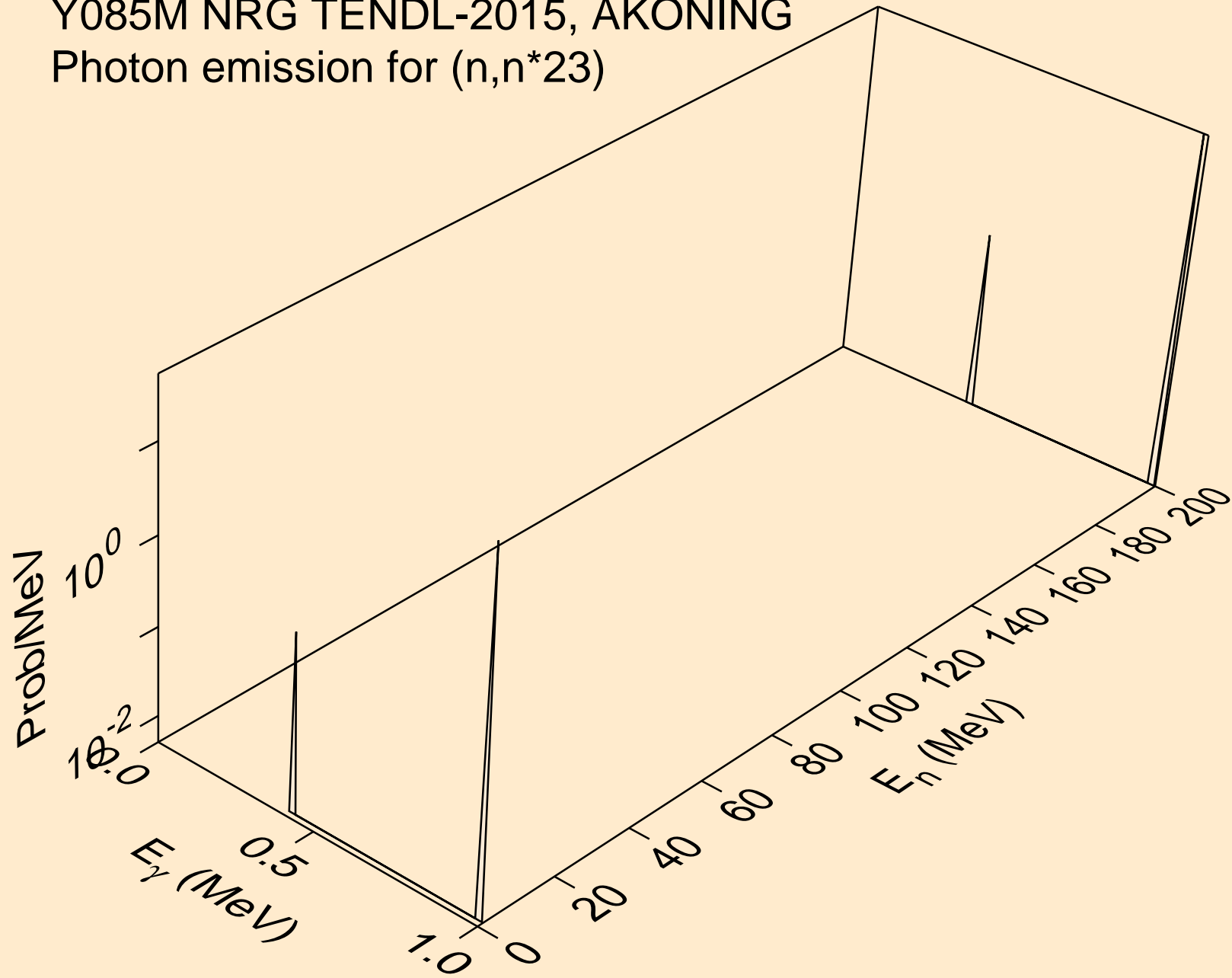
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Photon emission for (n,n\*21)



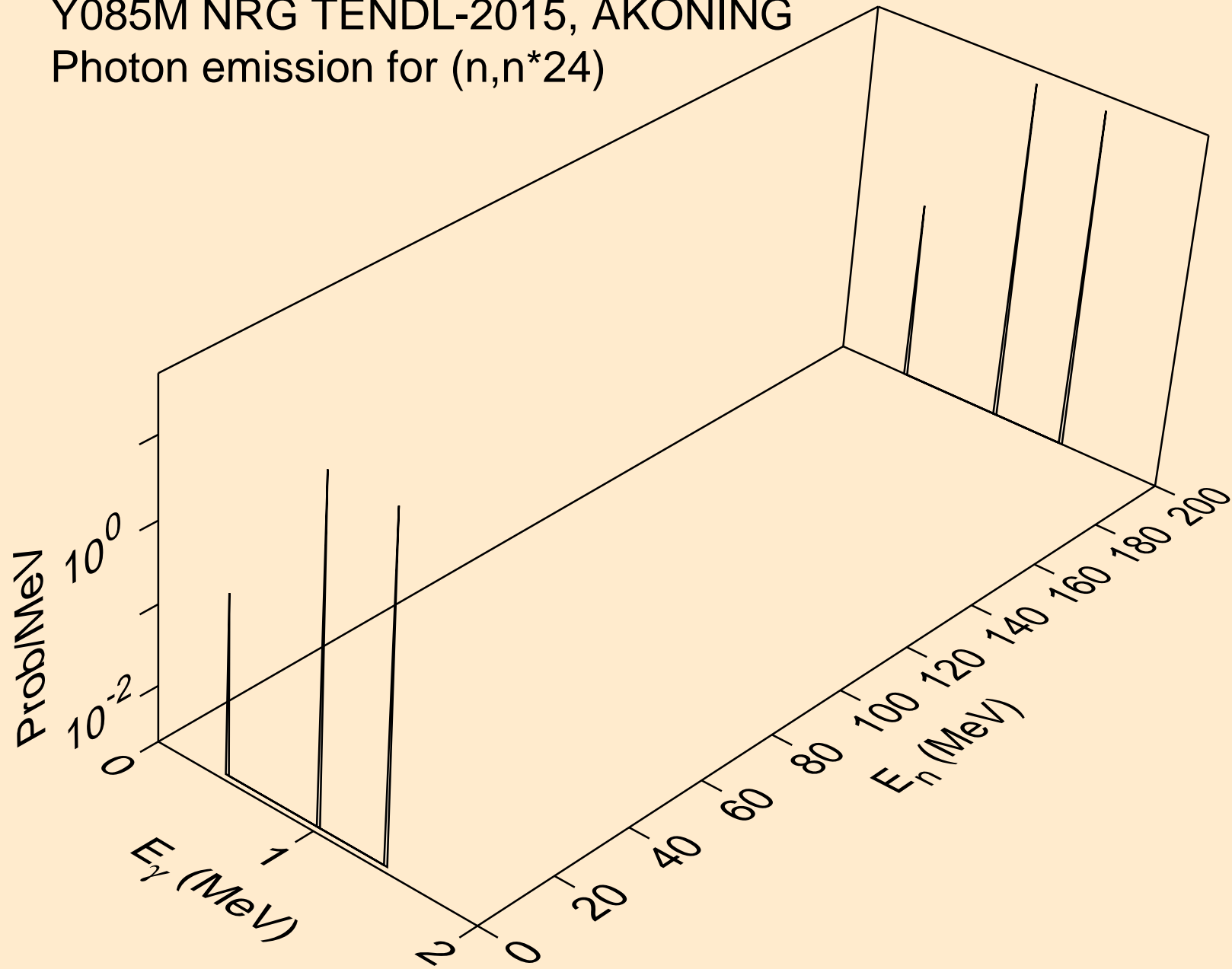
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Photon emission for (n,n\*22)



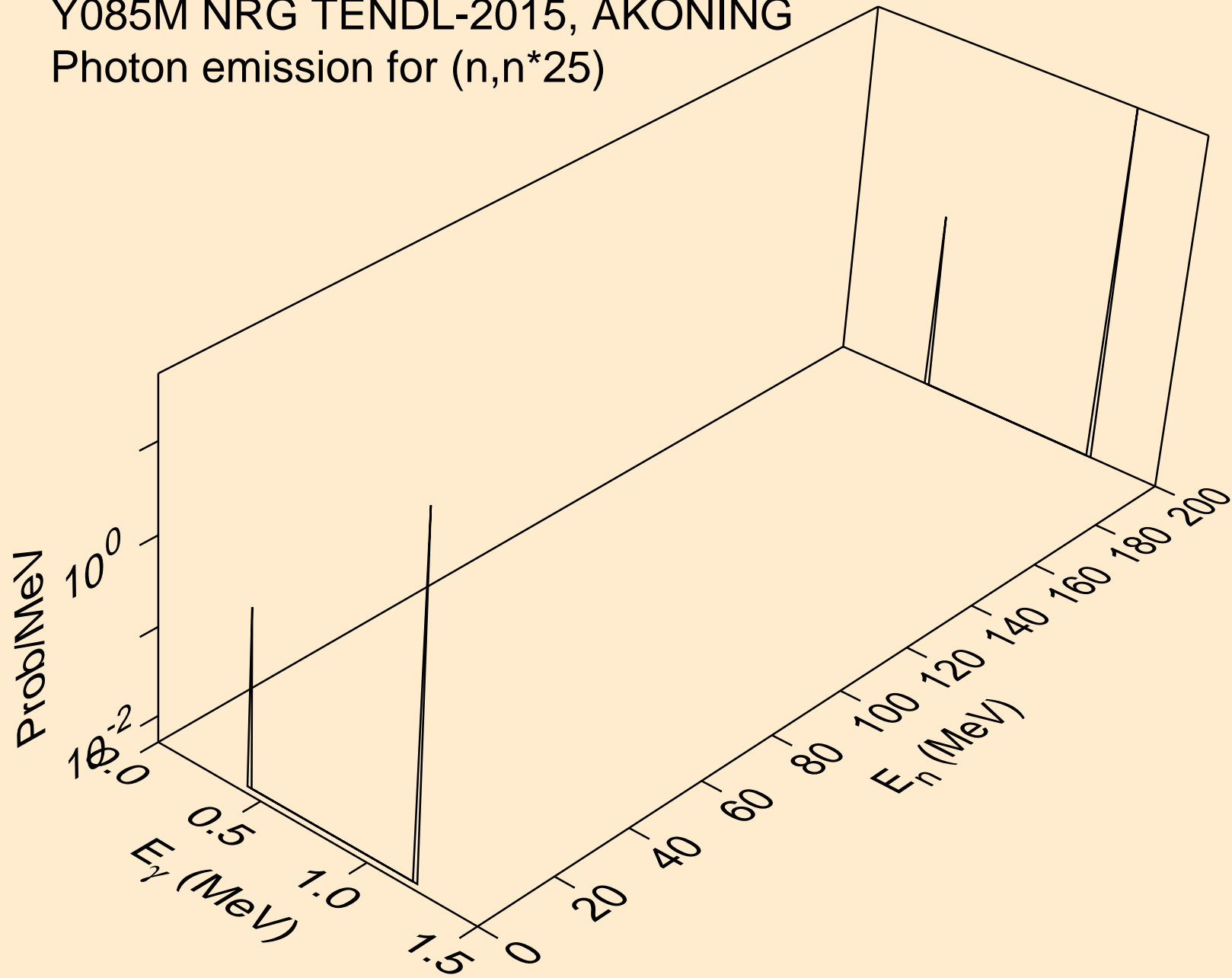
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Photon emission for (n,n\*23)



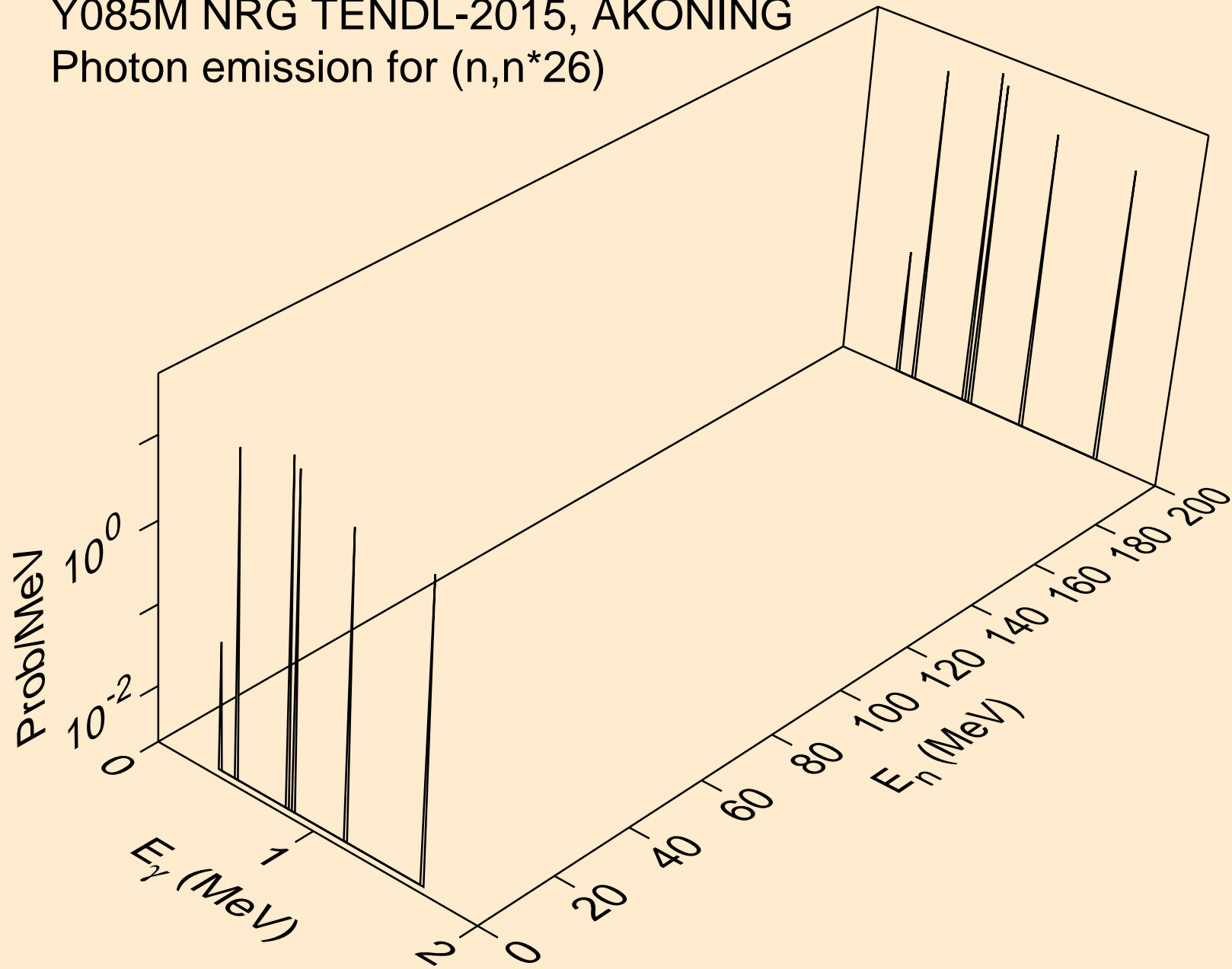
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Photon emission for (n,n\*24)



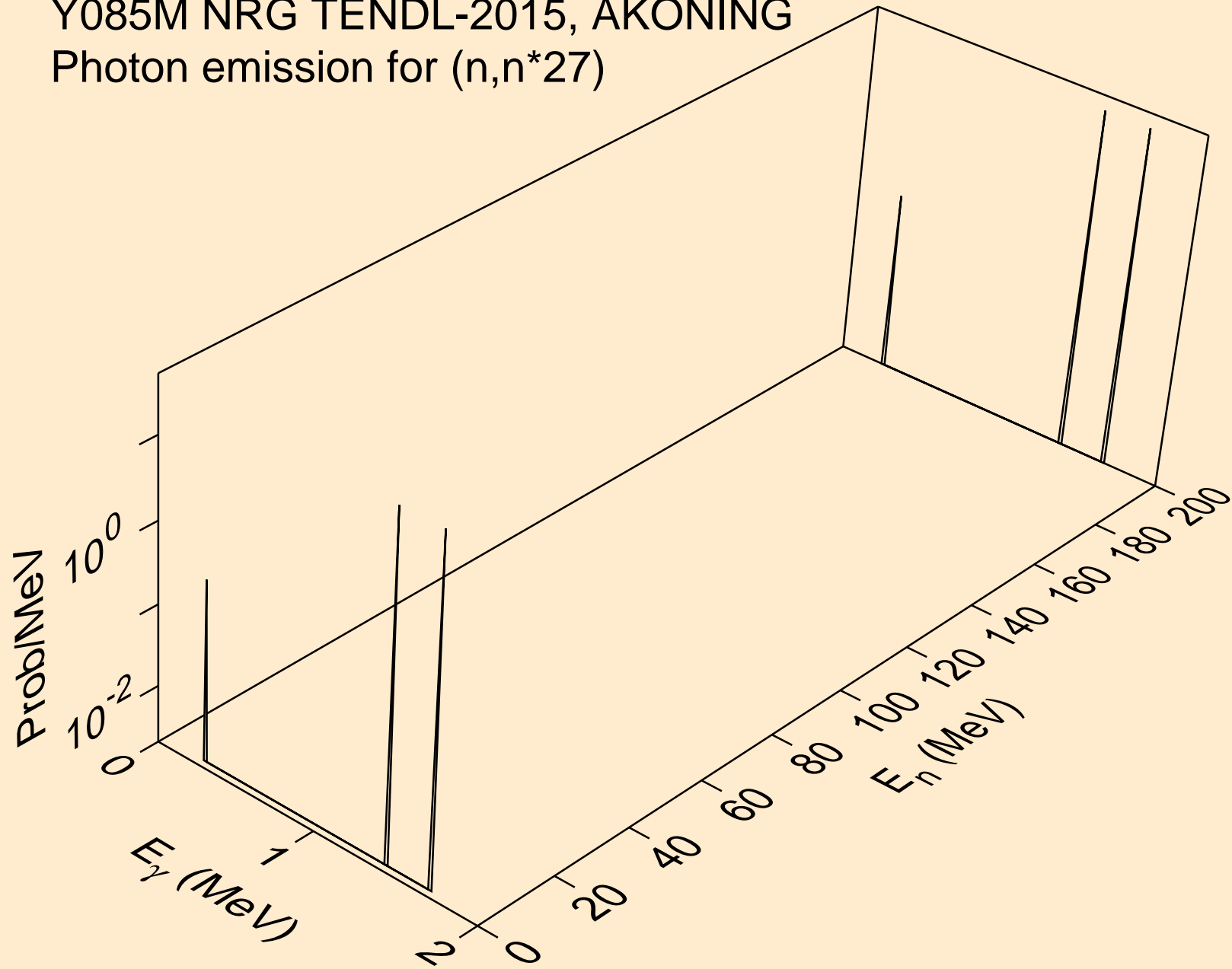
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Photon emission for (n,n\*25)



Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)

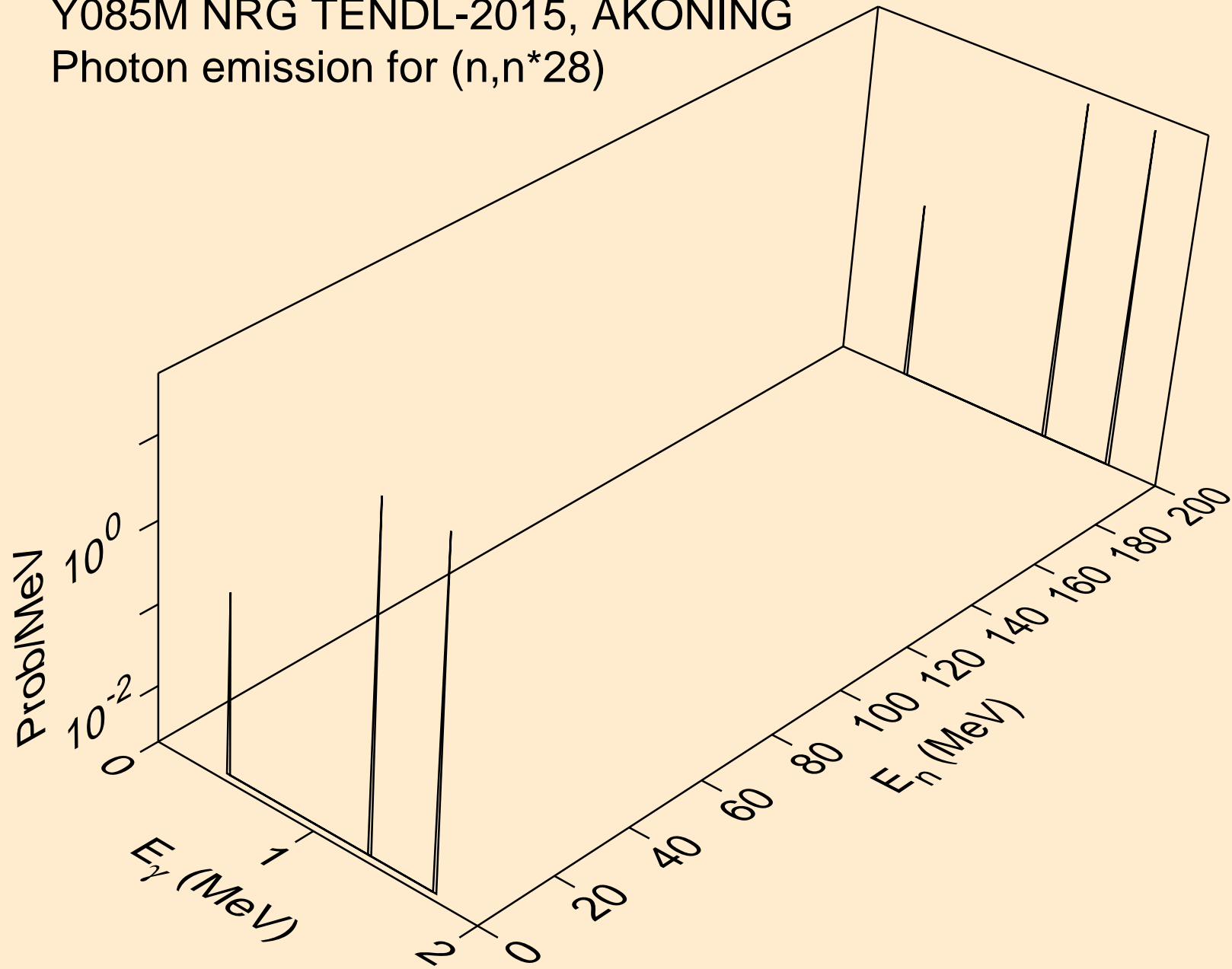


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Photon emission for (n,n\*27)

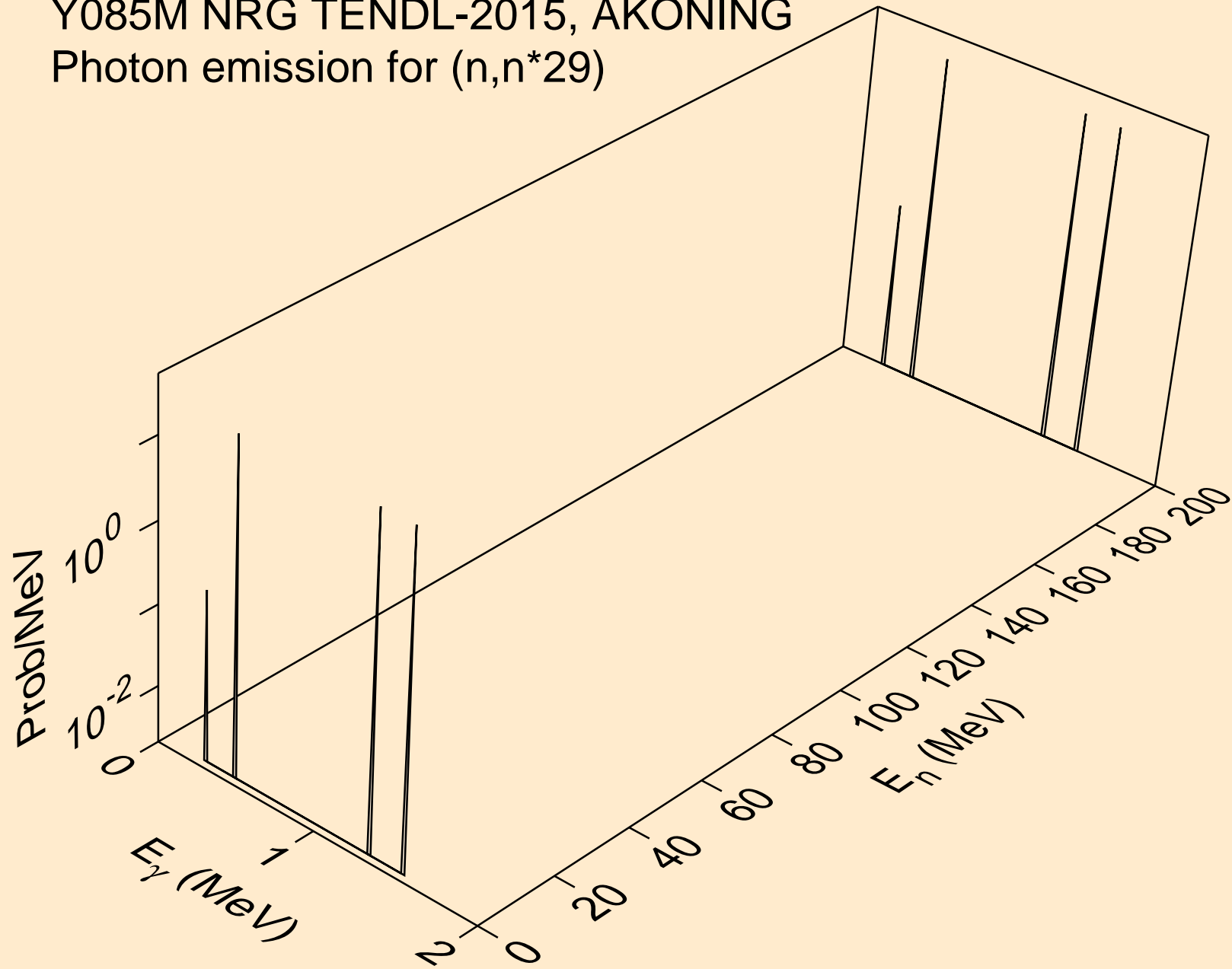




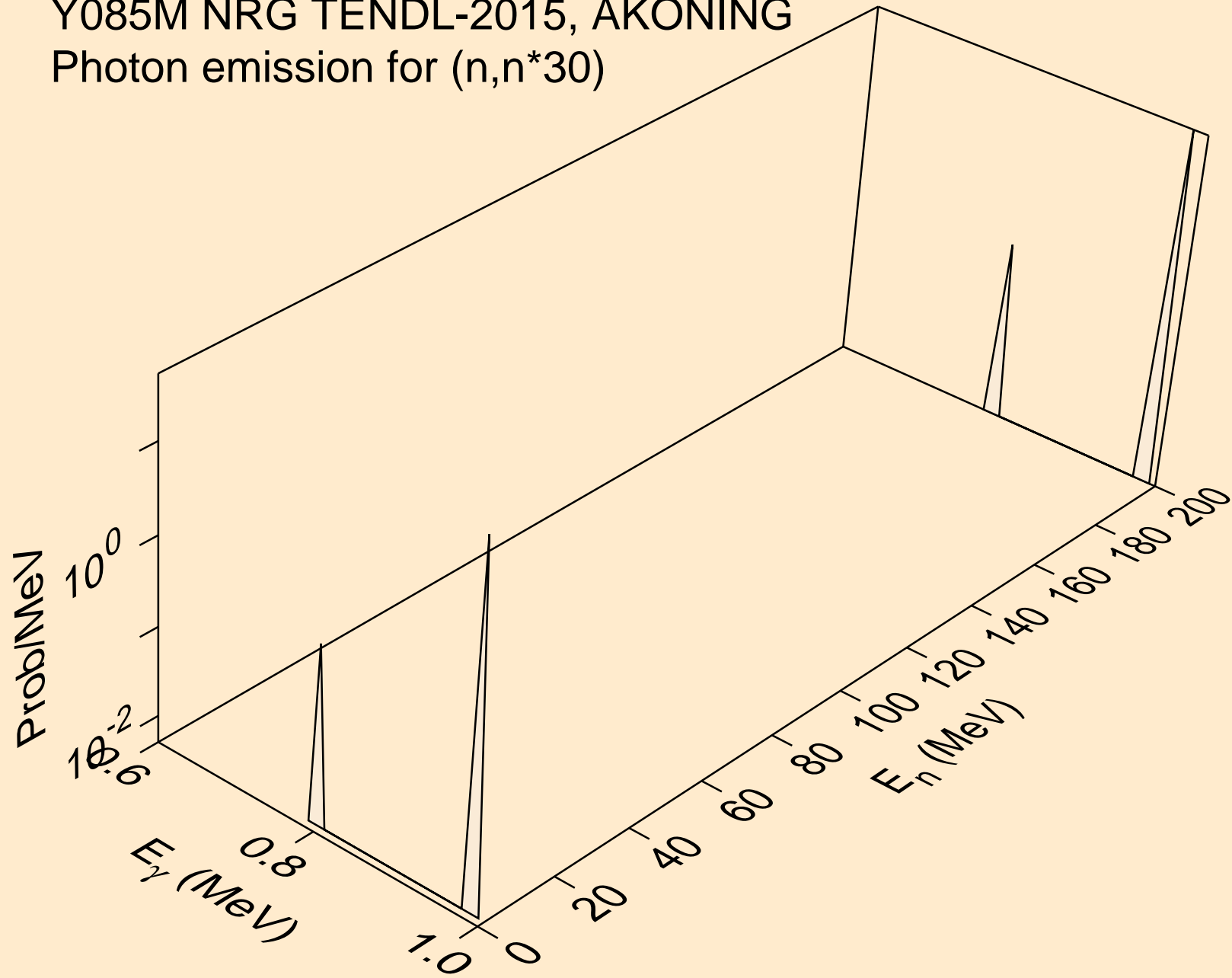
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Photon emission for (n,n\*28)



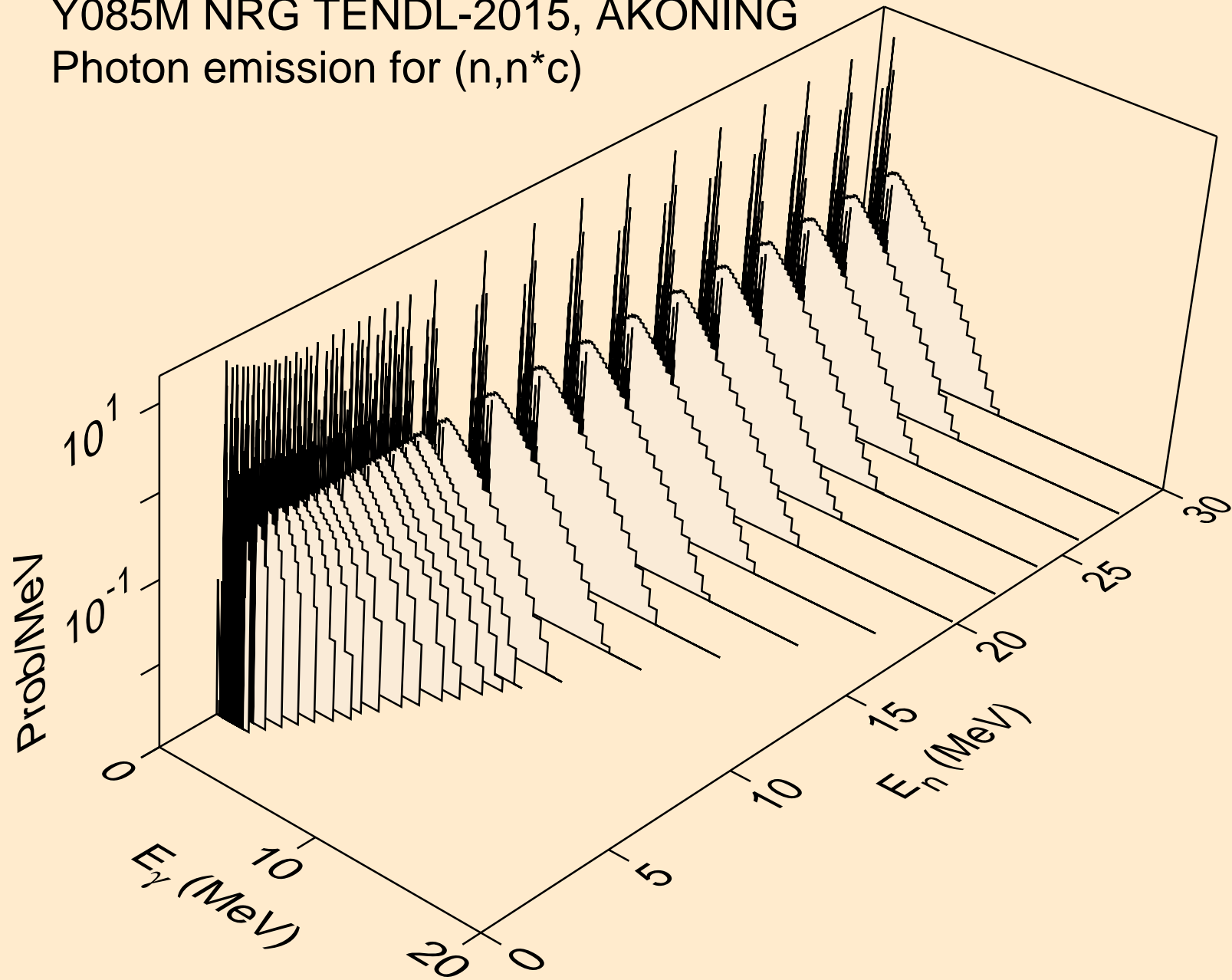
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Photon emission for (n,n\*29)



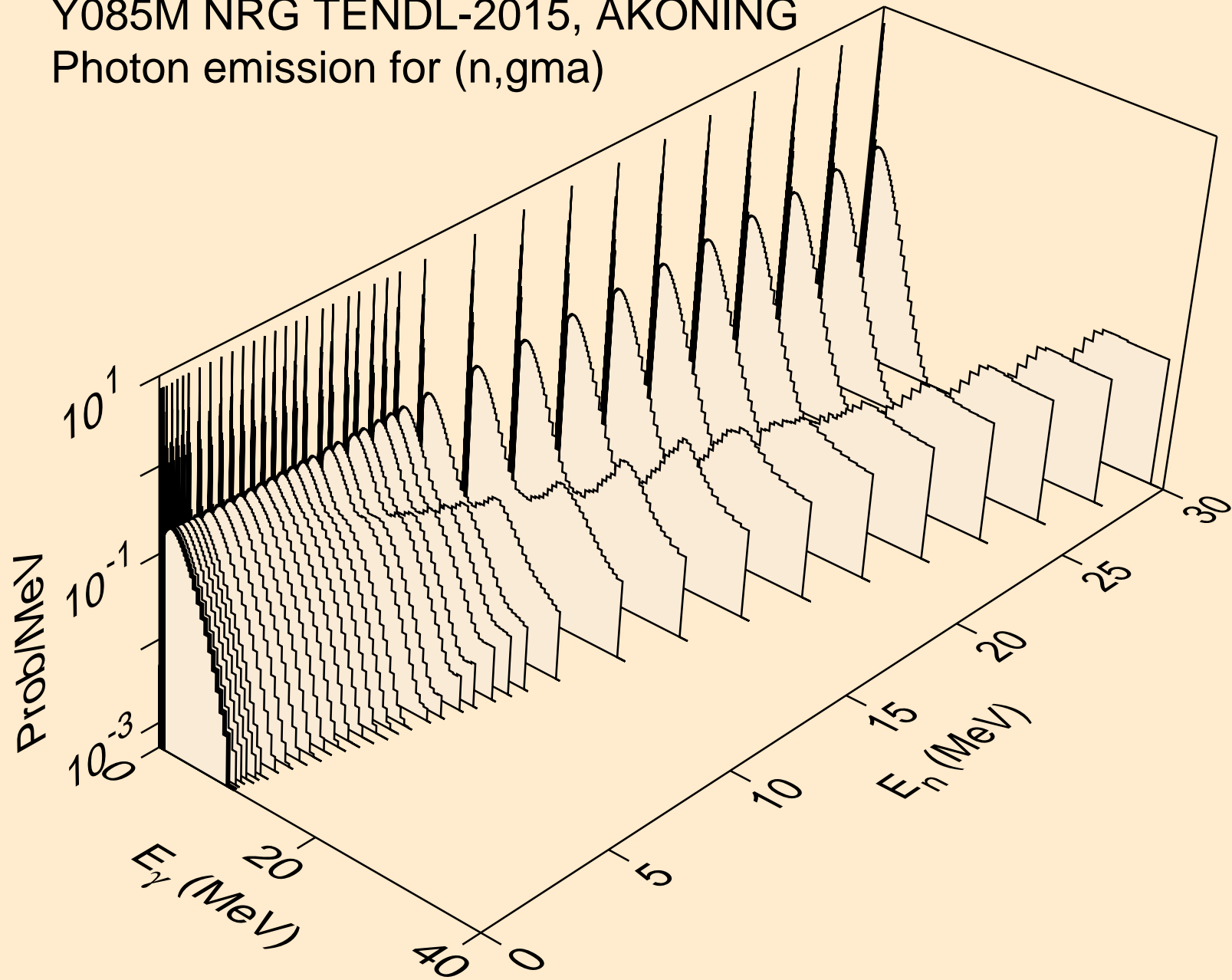
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Photon emission for (n,n\*30)



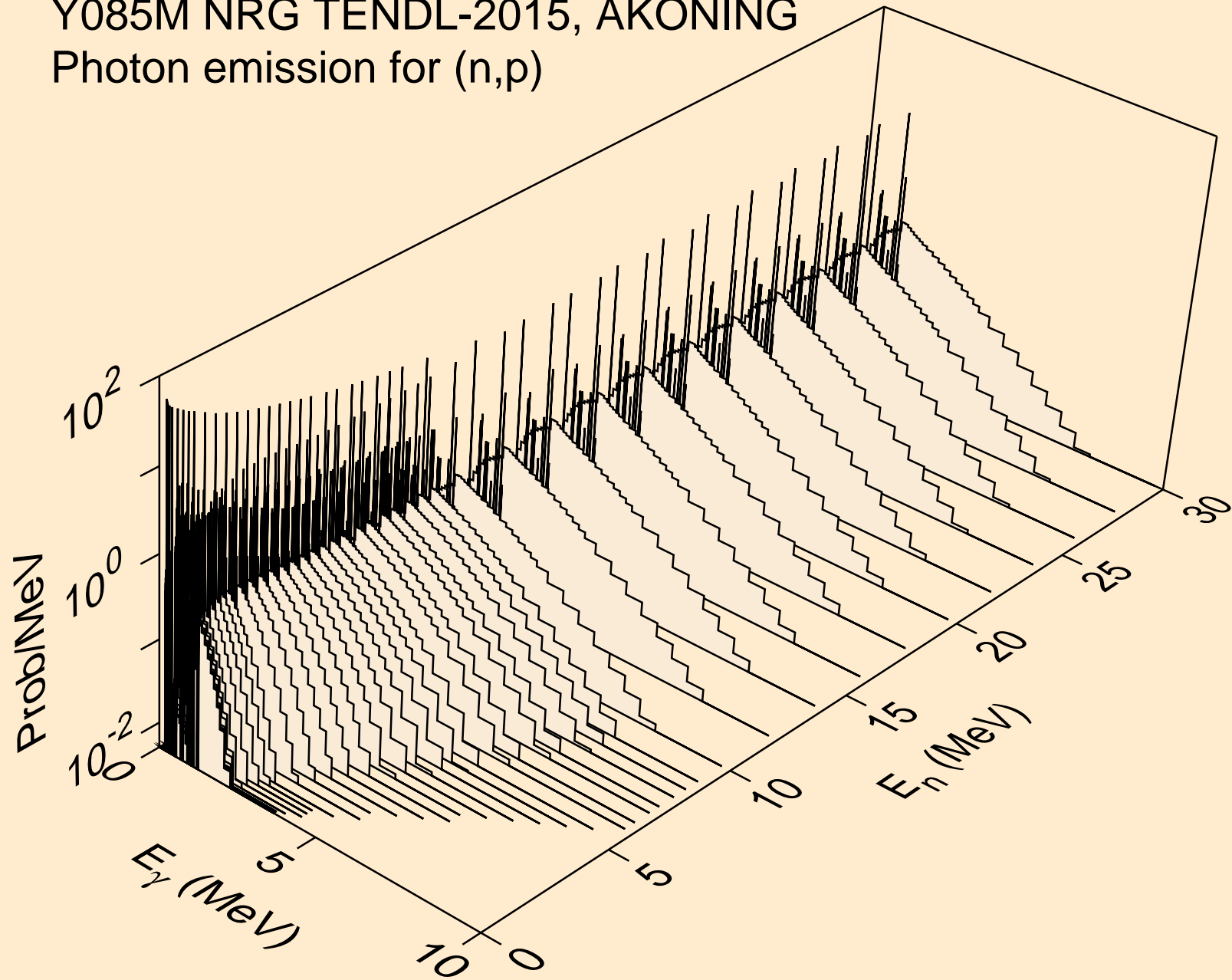
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Photon emission for (n,n\*c)



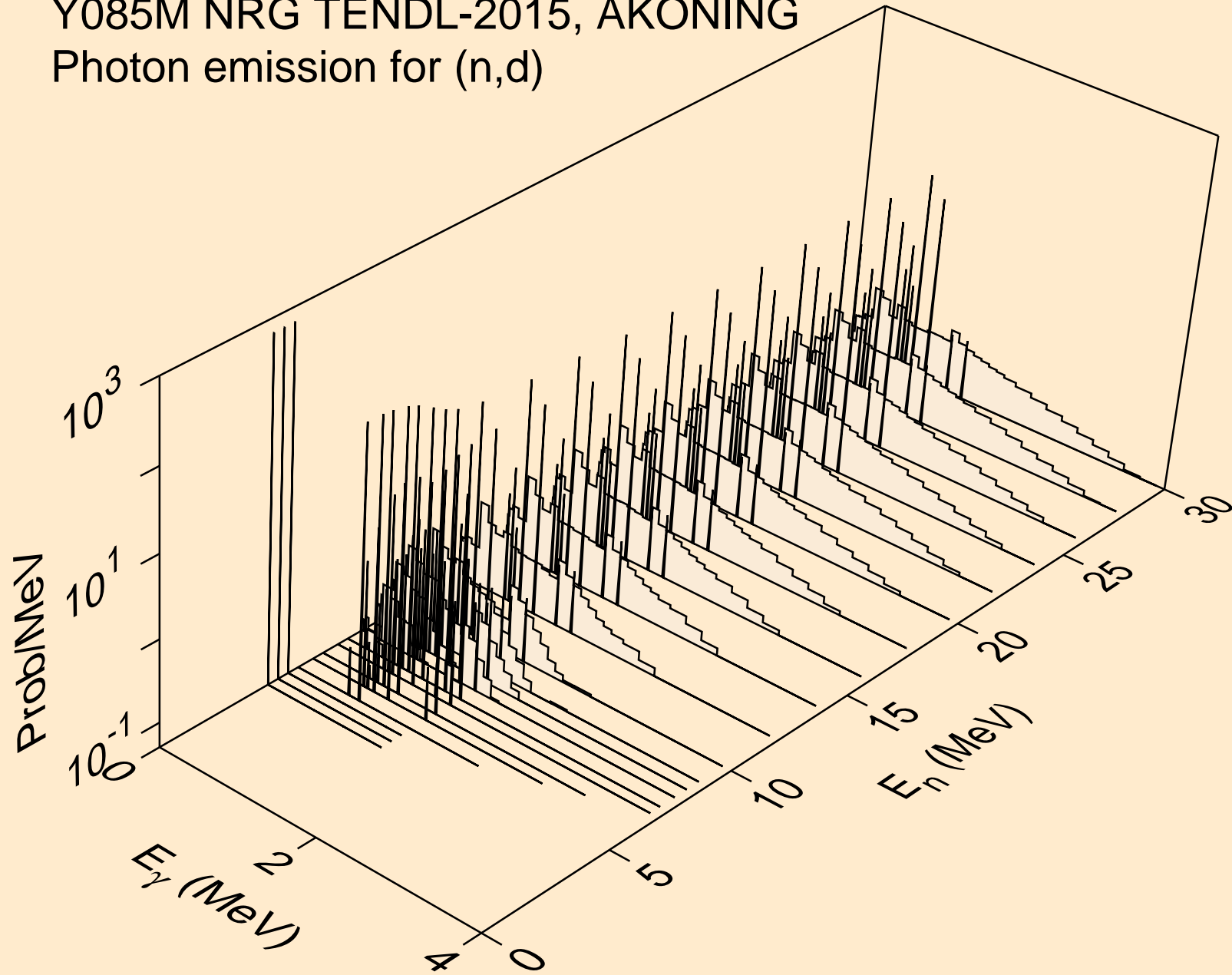
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Photon emission for (n,gma)



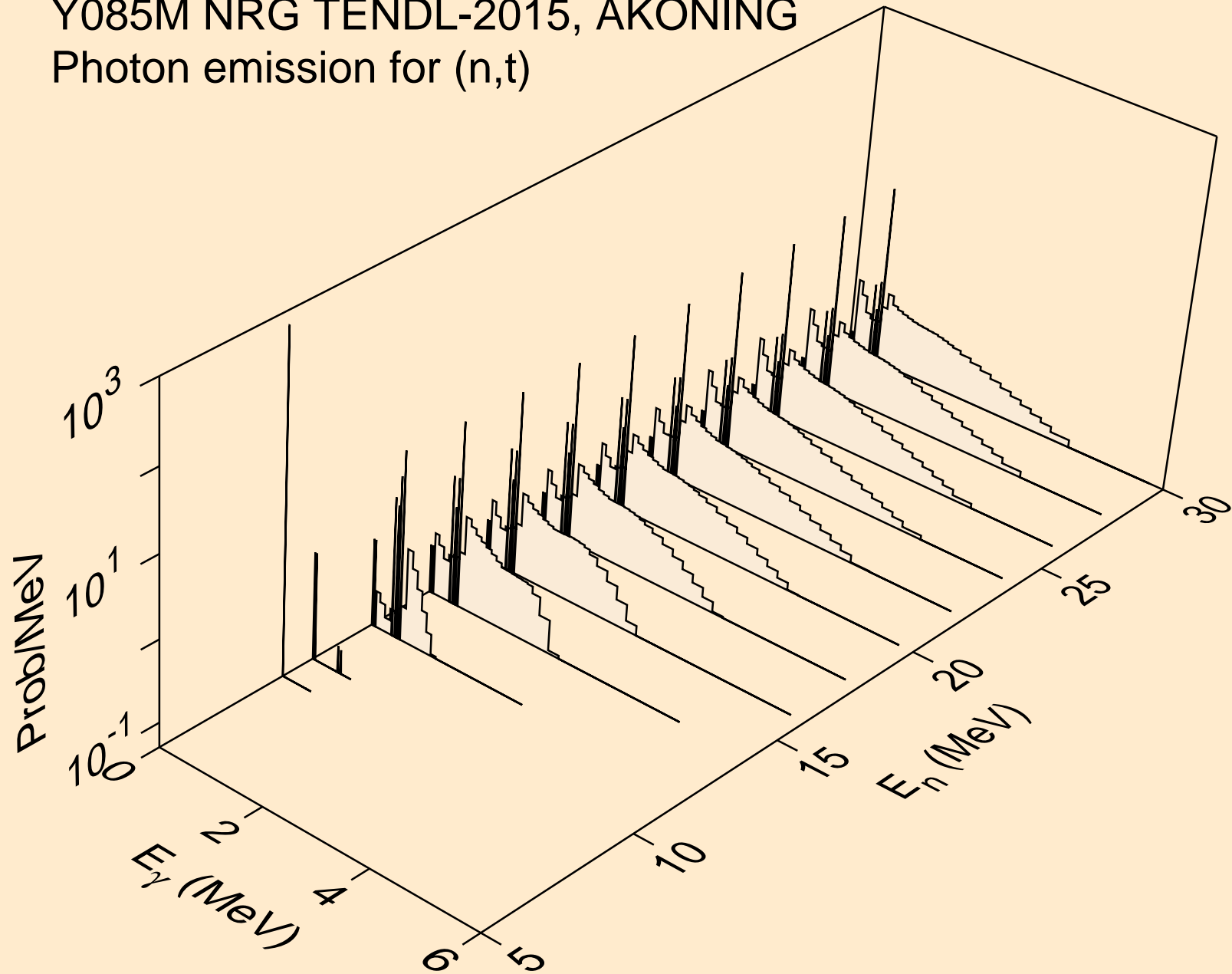
Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,d)

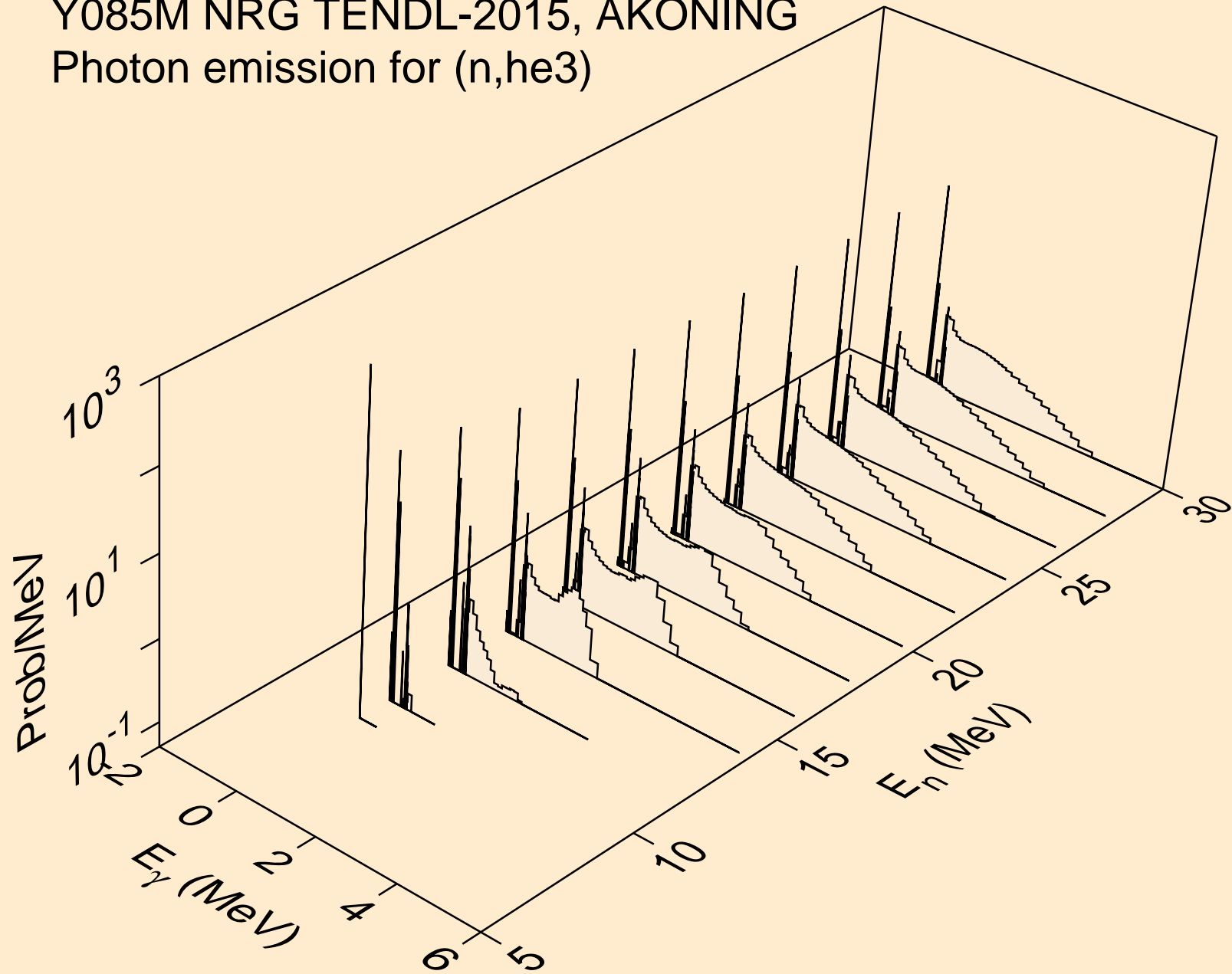


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Photon emission for (n,t)

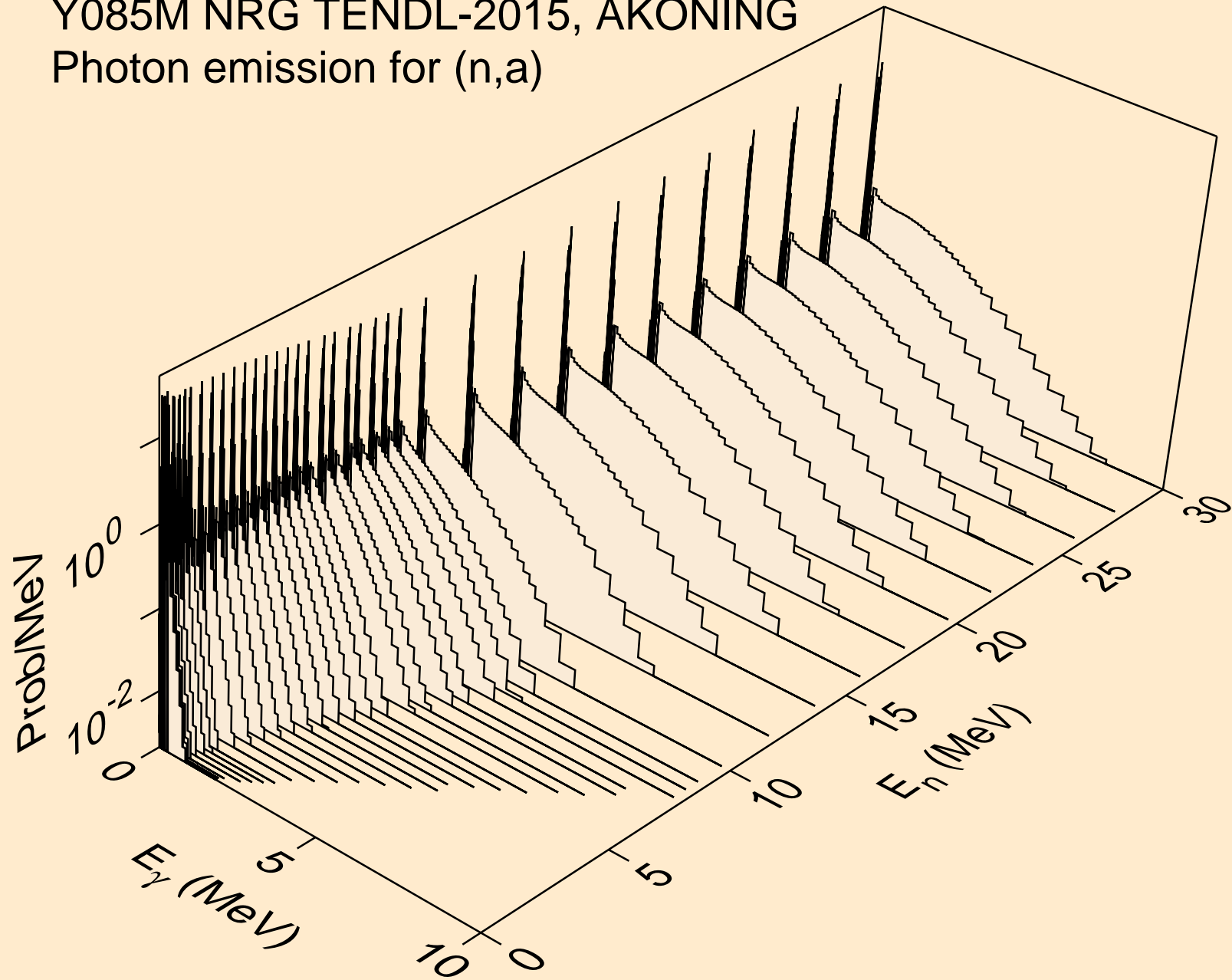




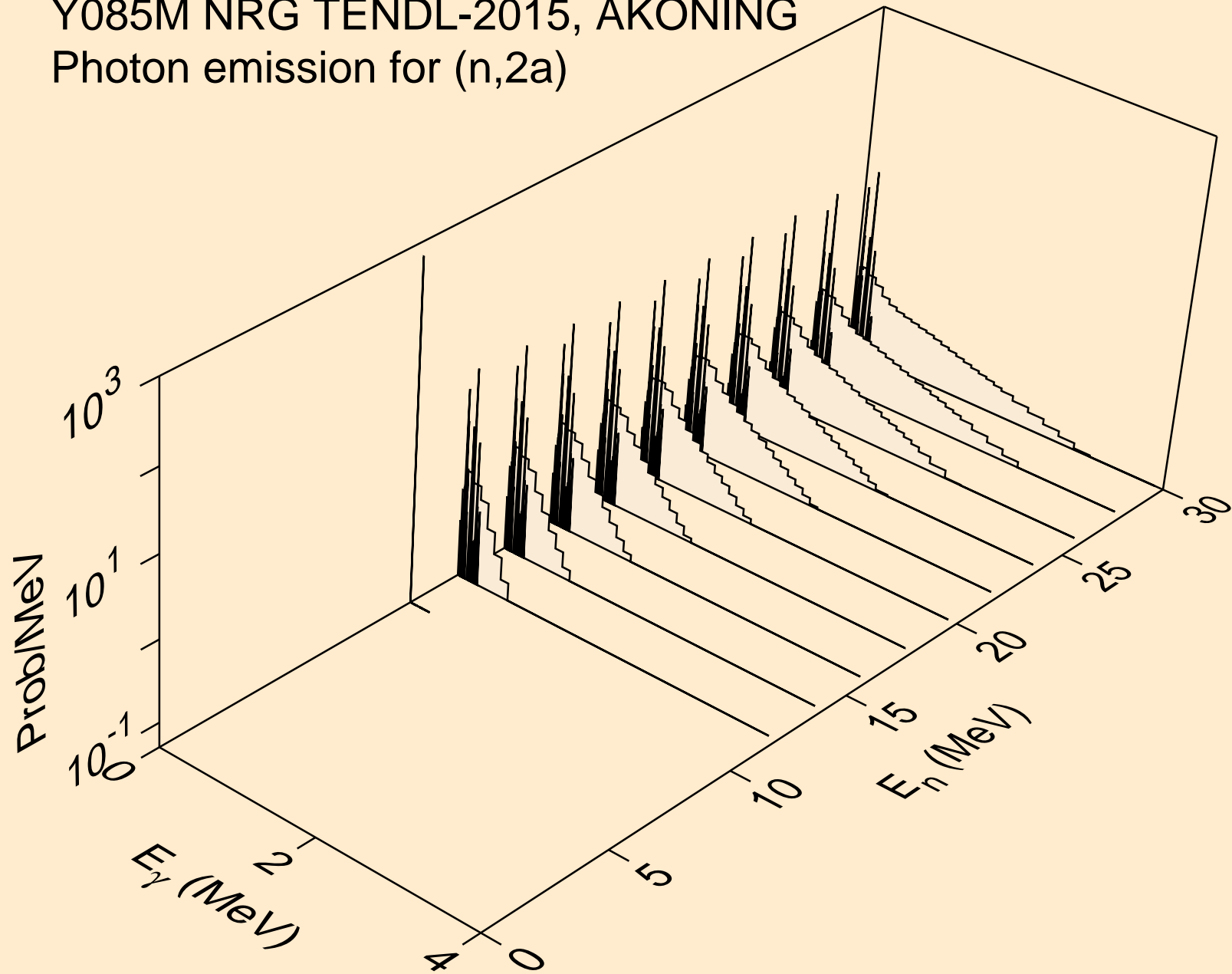
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Photon emission for (n,he3)



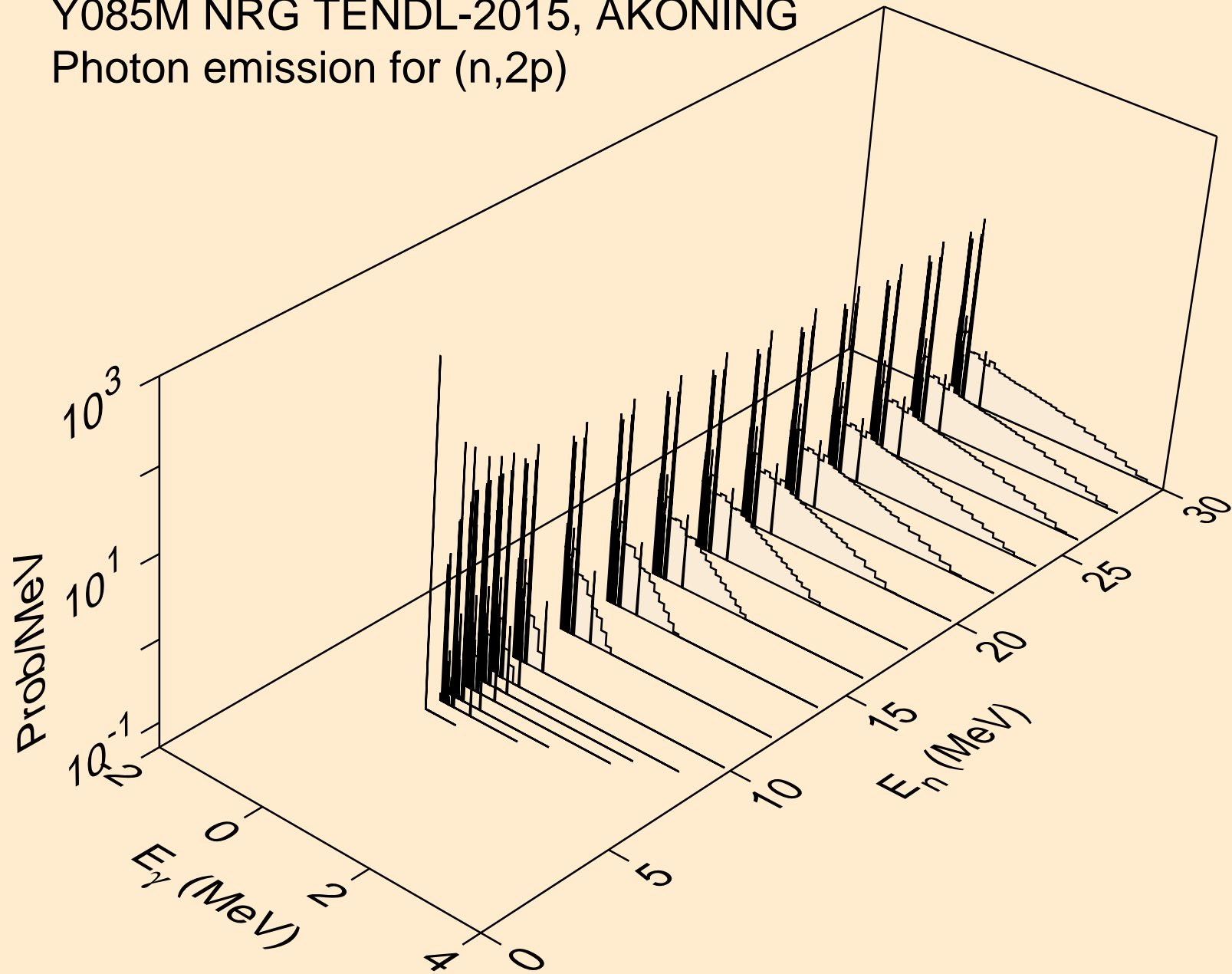
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Photon emission for (n,a)



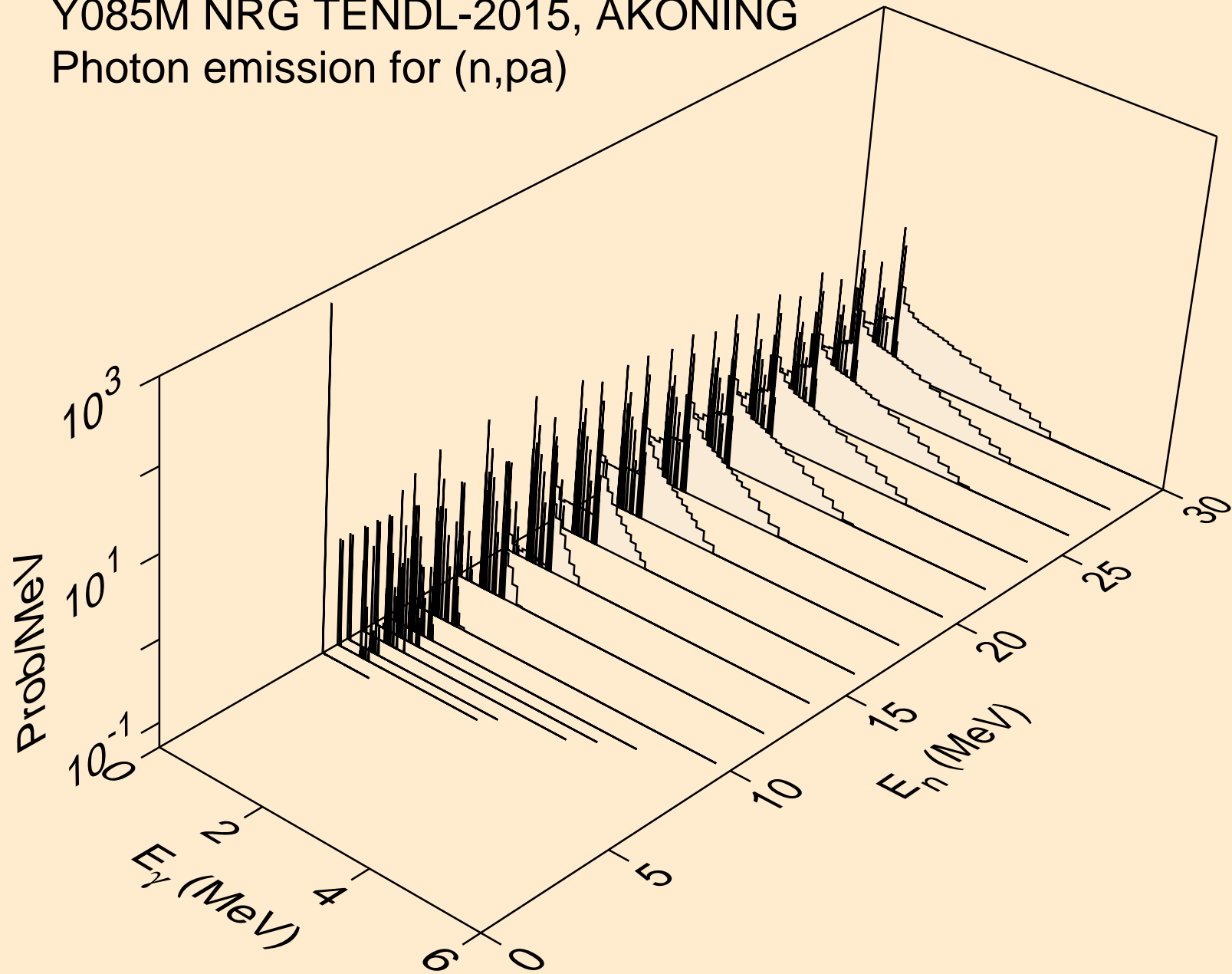
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Photon emission for (n,2a)



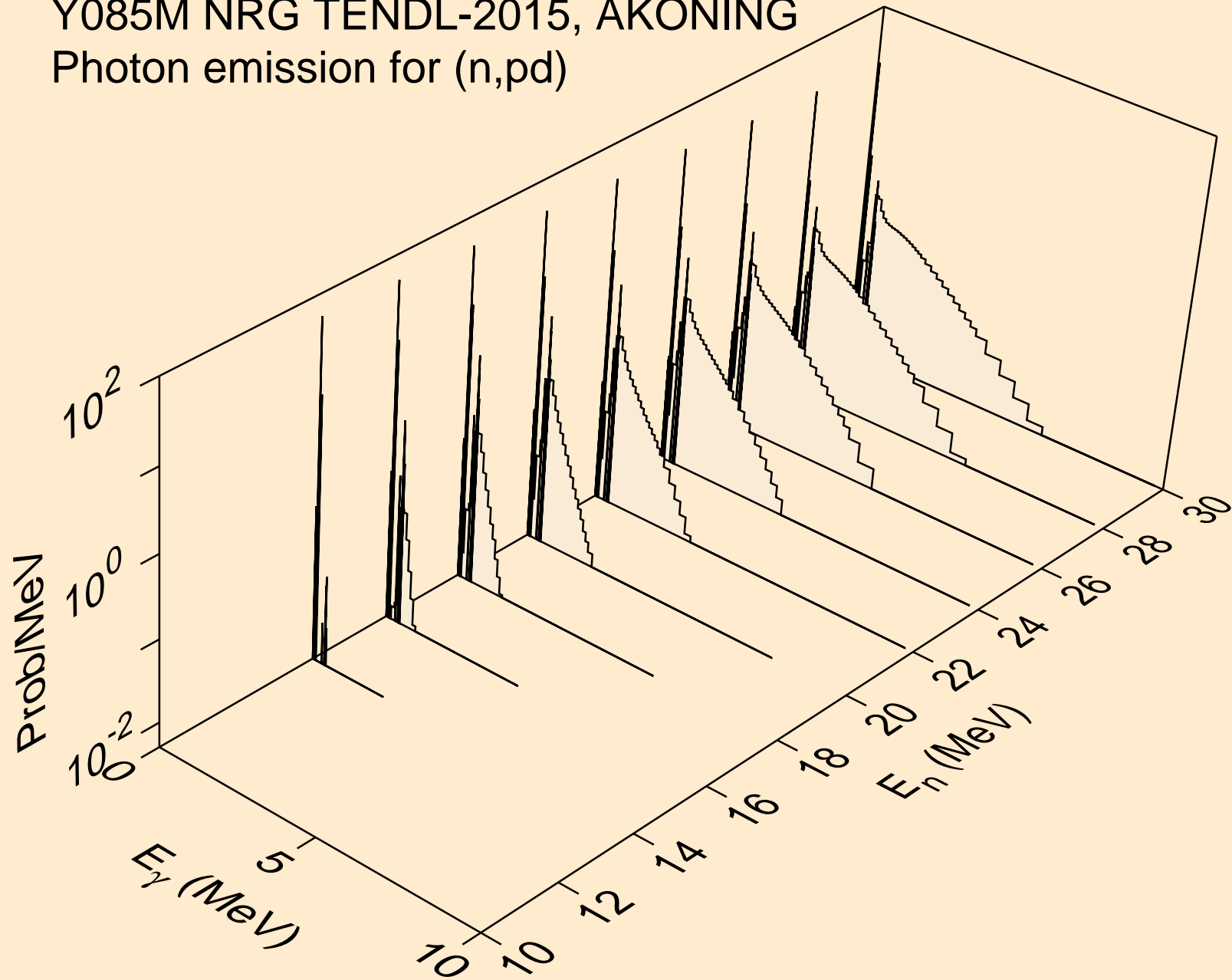
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Photon emission for (n,2p)



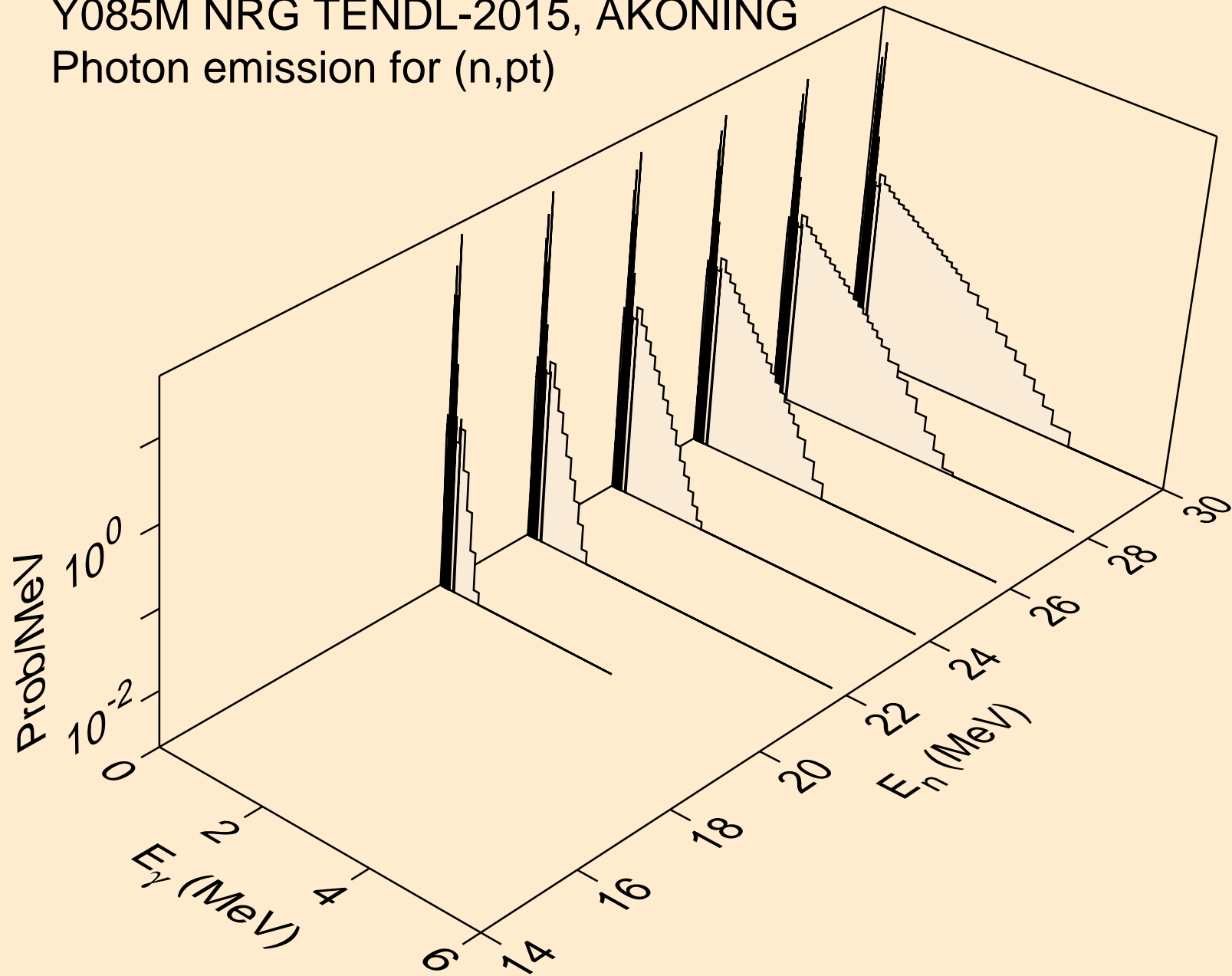
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Photon emission for (n,pa)



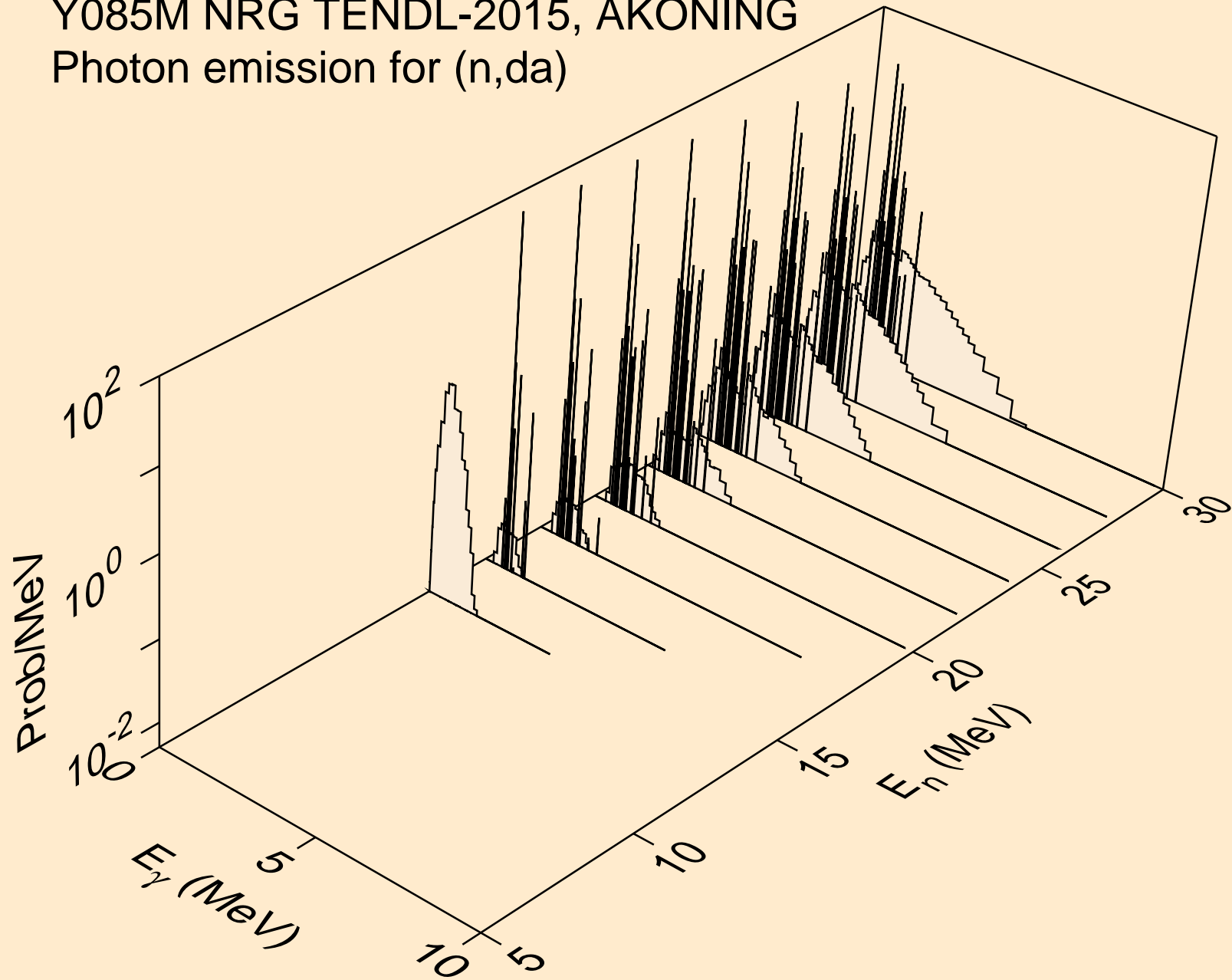
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Photon emission for (n,pd)



Y085M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

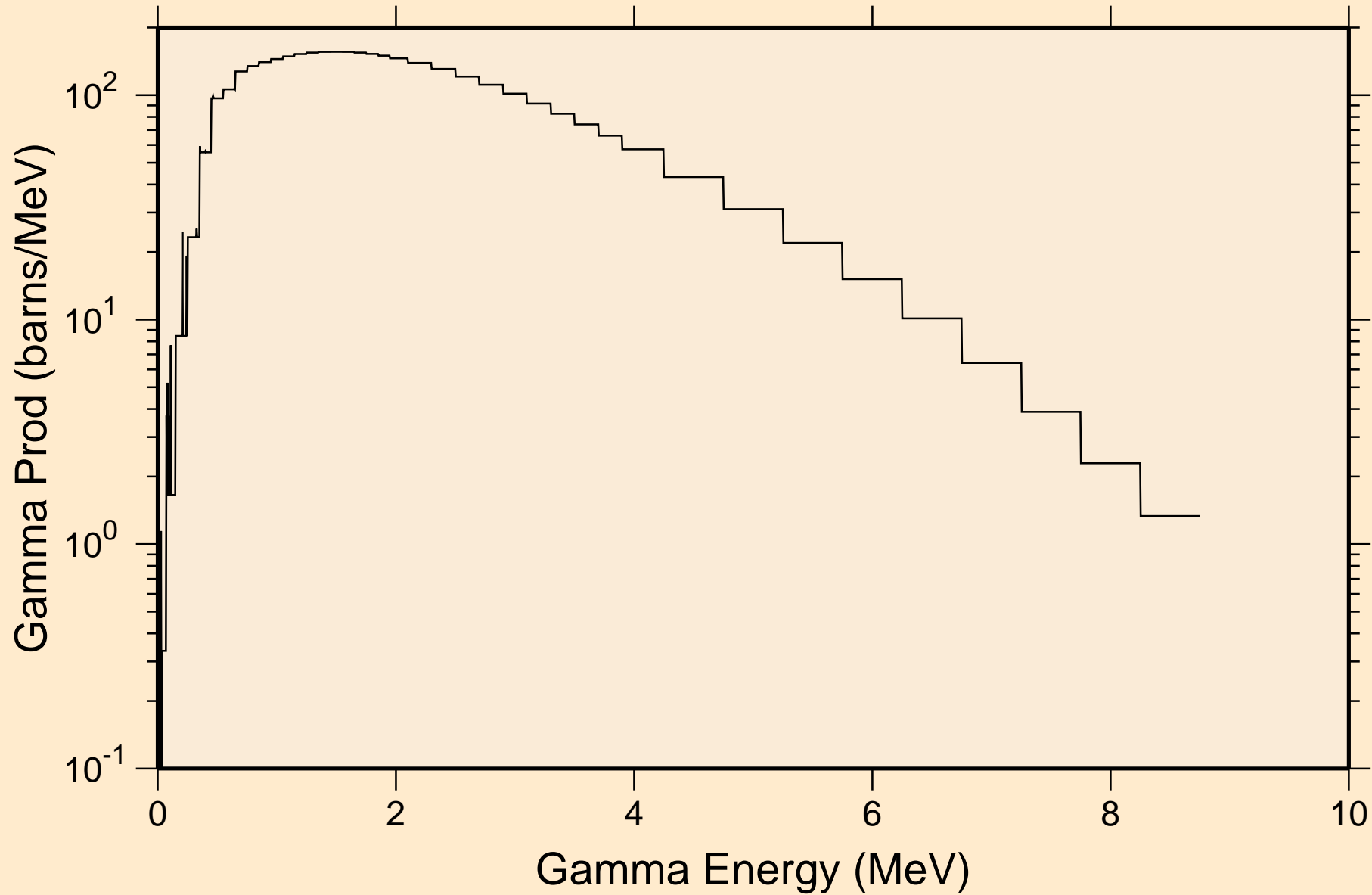


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Photon emission for (n,da)

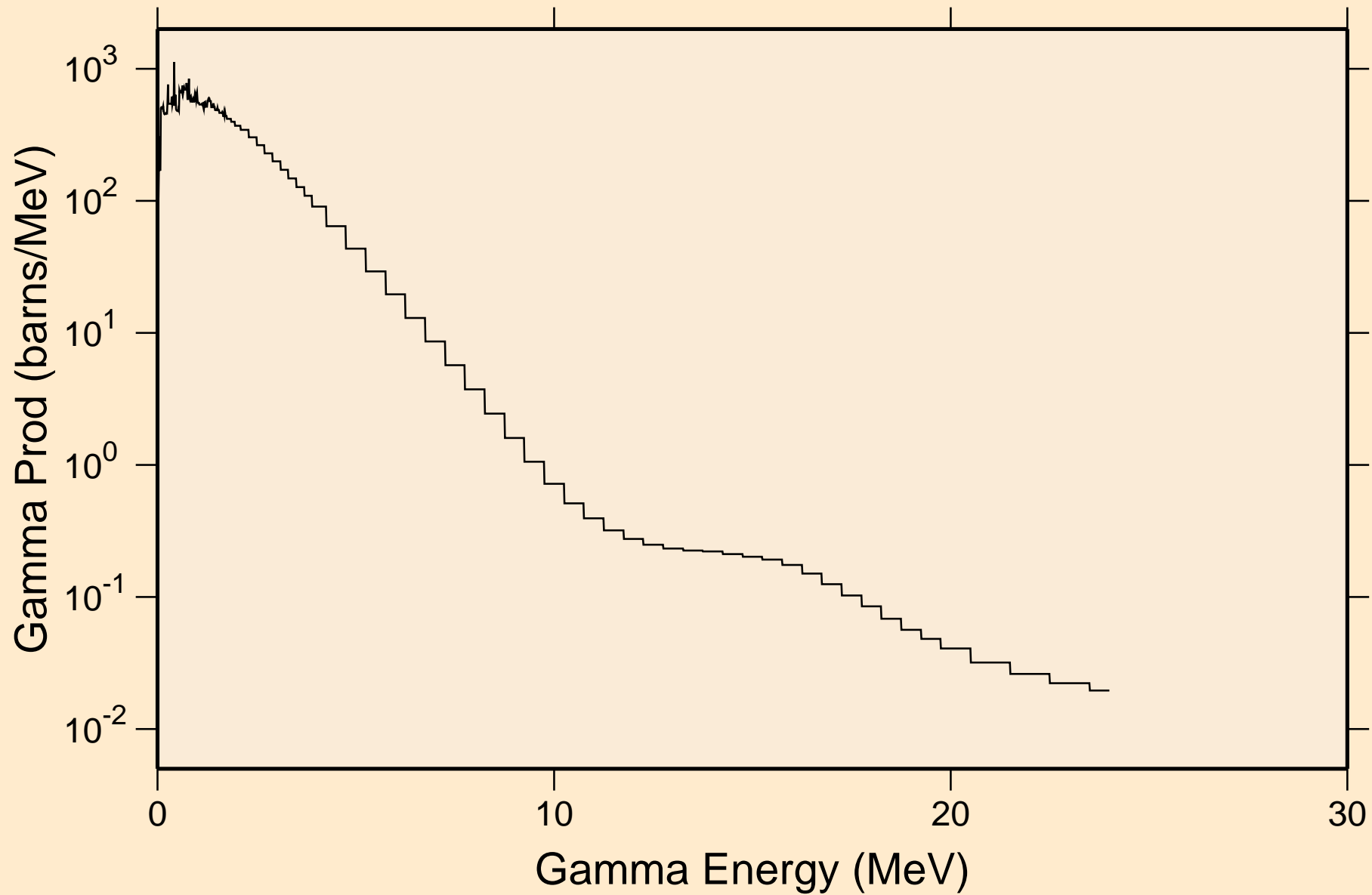




Y085M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

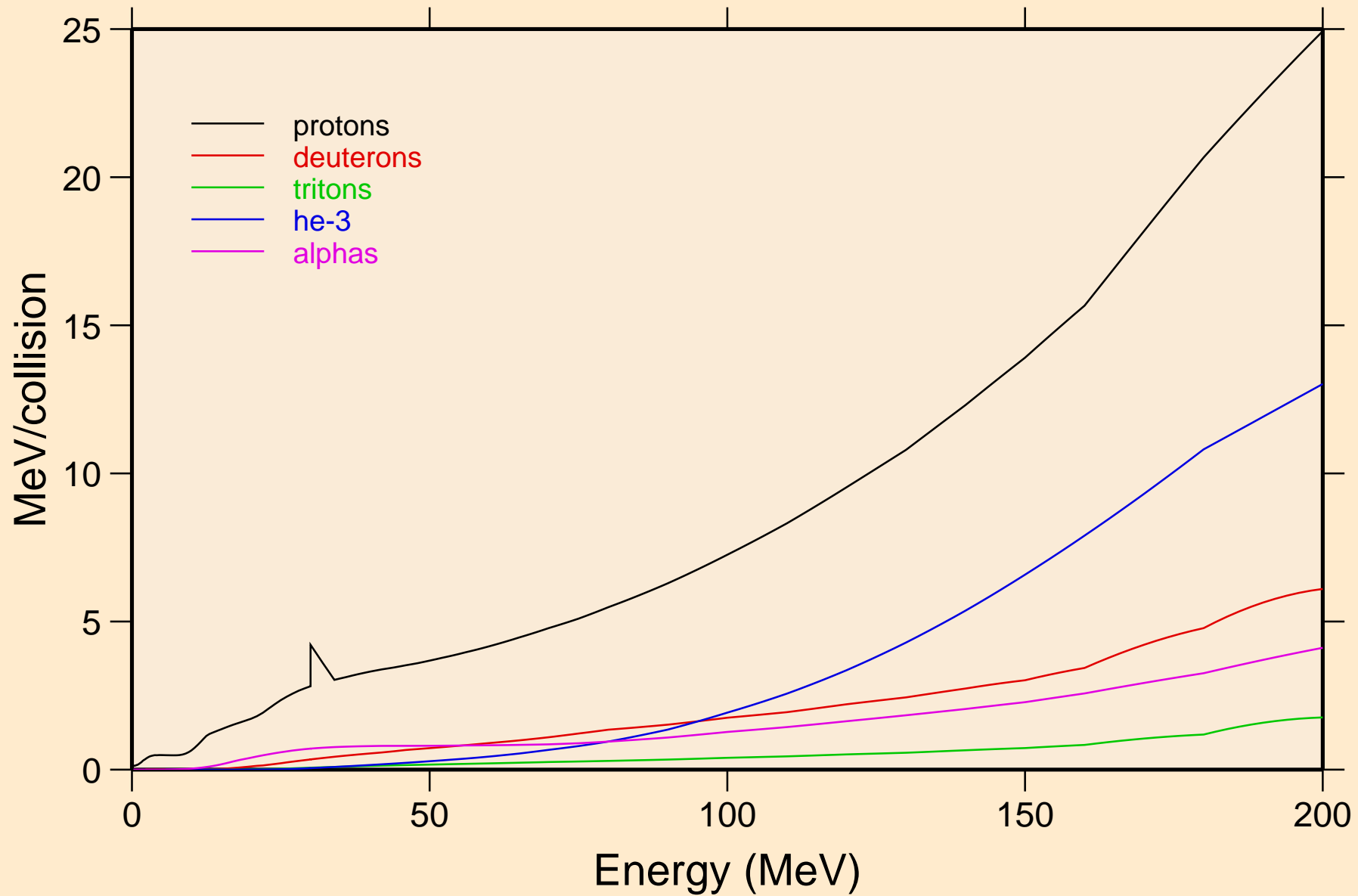


Y085M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



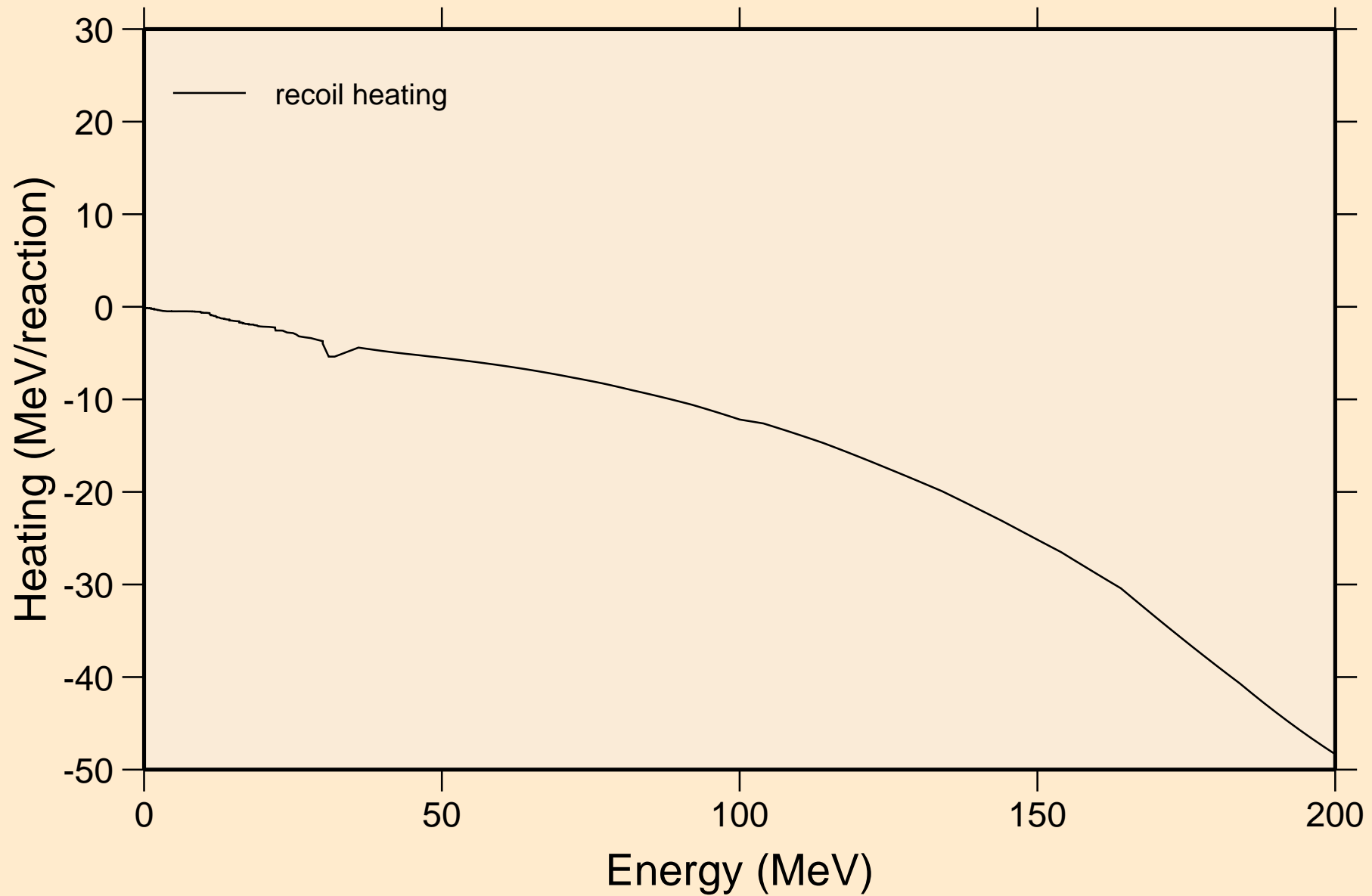
# Y085M NRG TENDL-2015, AKONING

## Particle heating contributions

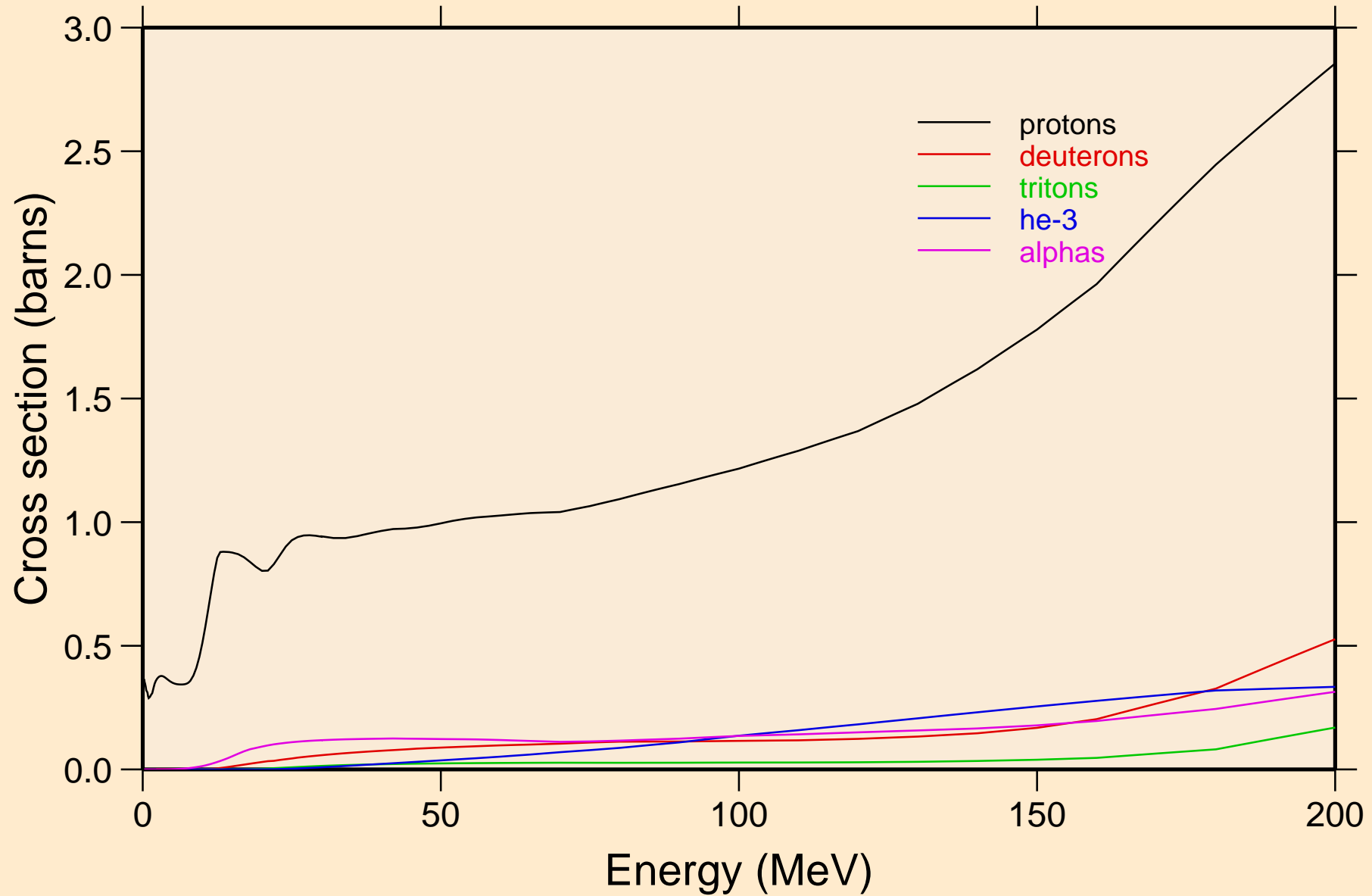


# Y085M NRG TENDL-2015, AKONING

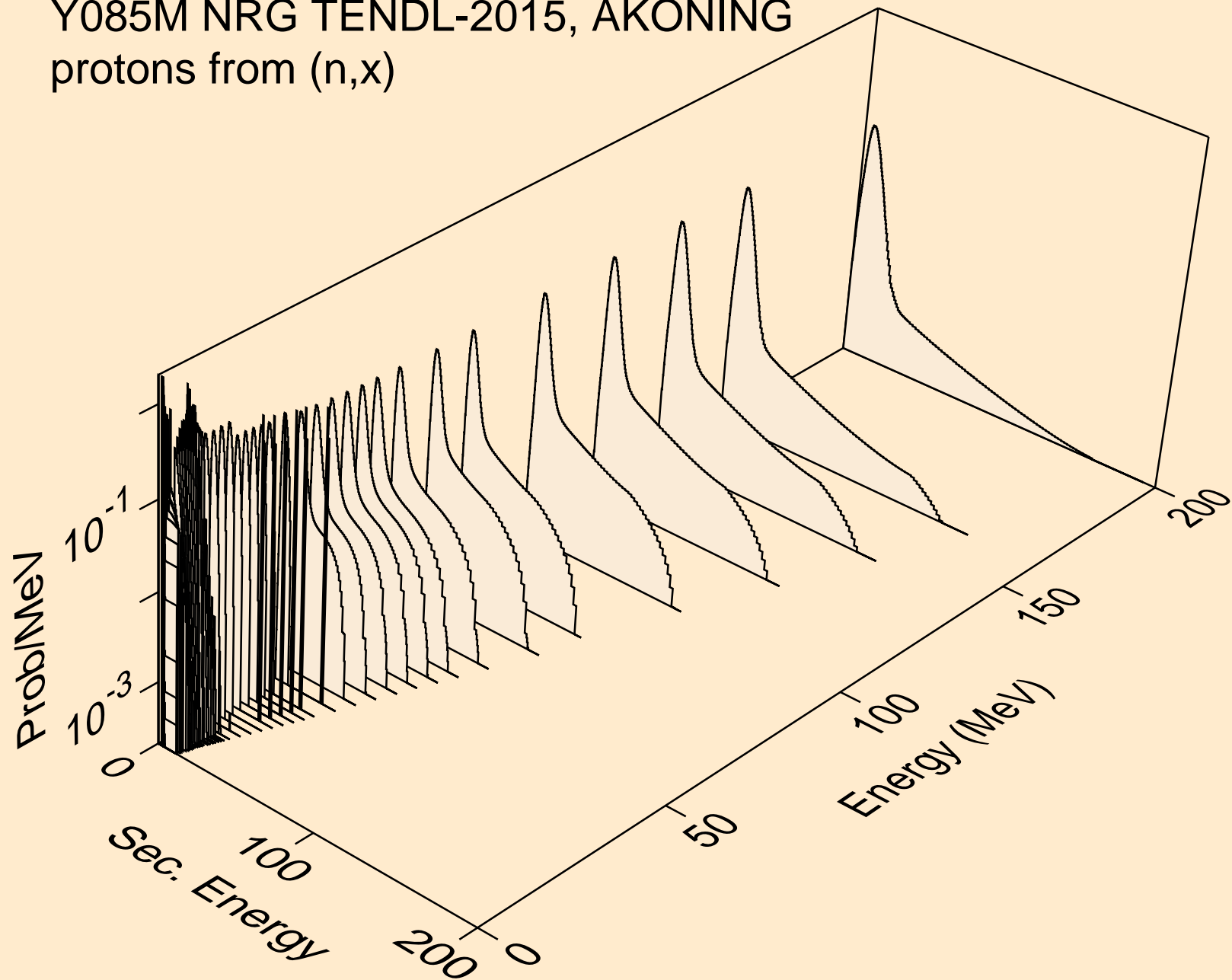
## Recoil Heating



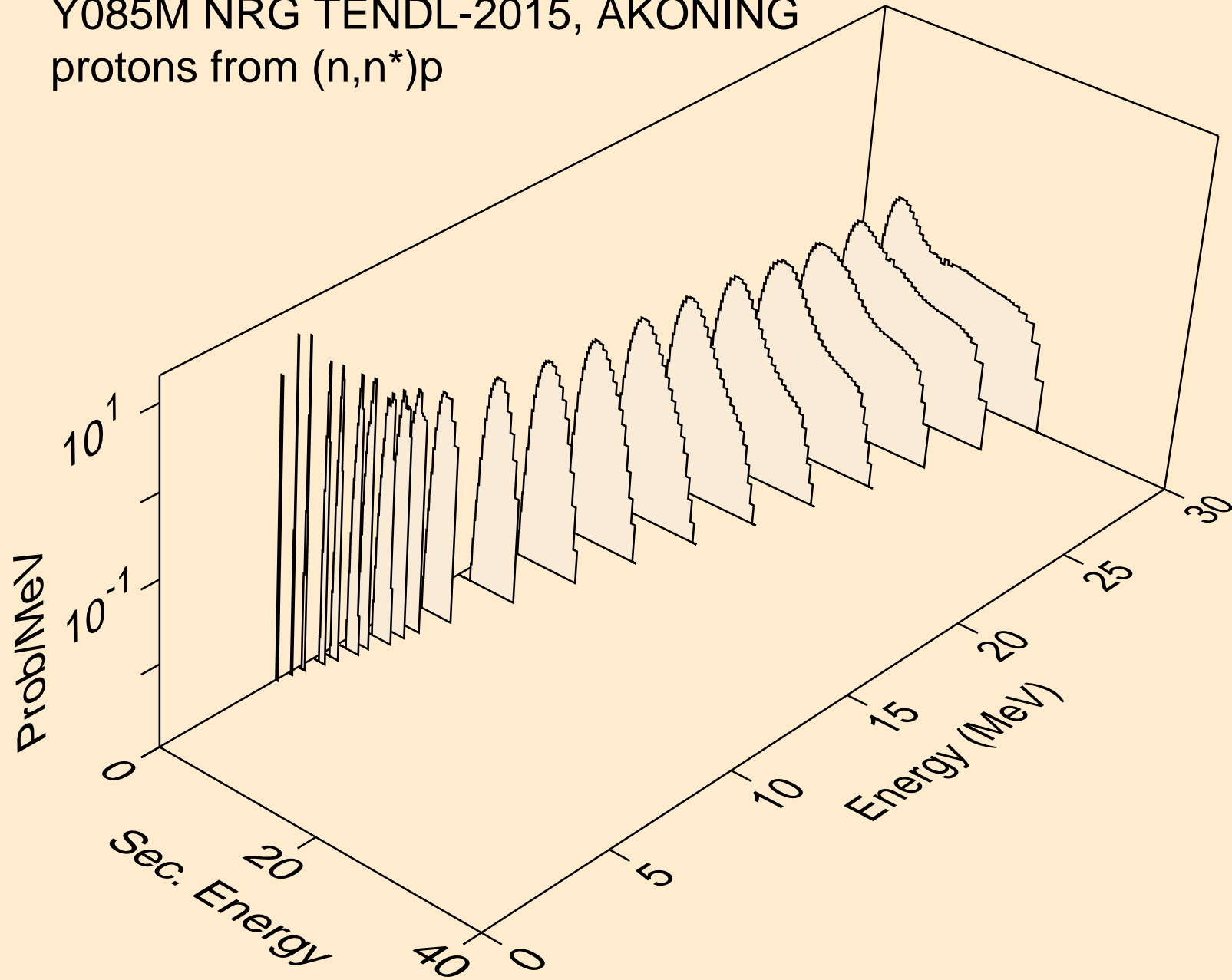
Y085M NRG TENDL-2015, AKONING  
Particle production cross sections



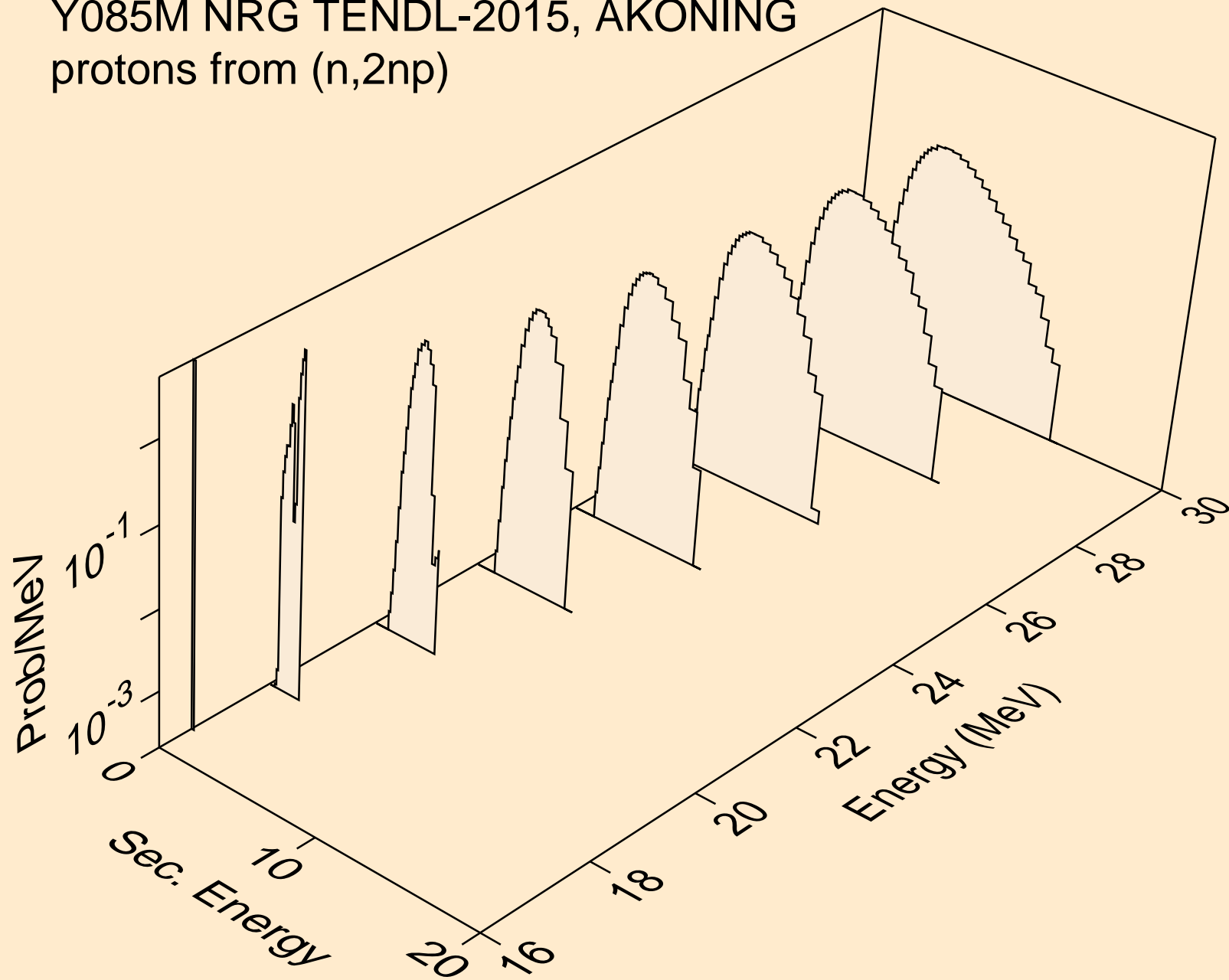
Y085M NRG TENDL-2015, AKONING  
protons from (n,x)



Y085M NRG TENDL-2015, AKONING  
protons from (n,n\*)p

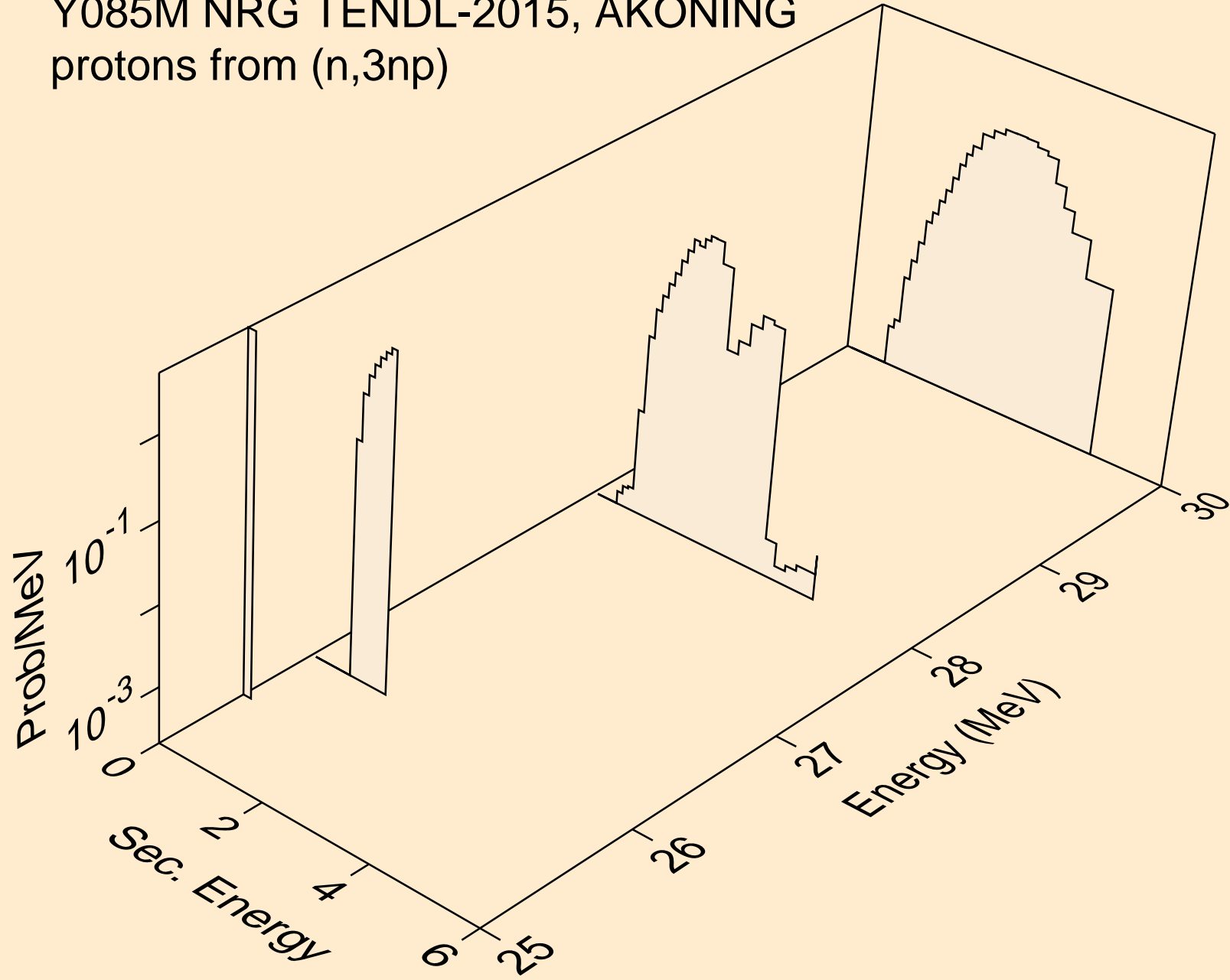


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protons from (n,2np)

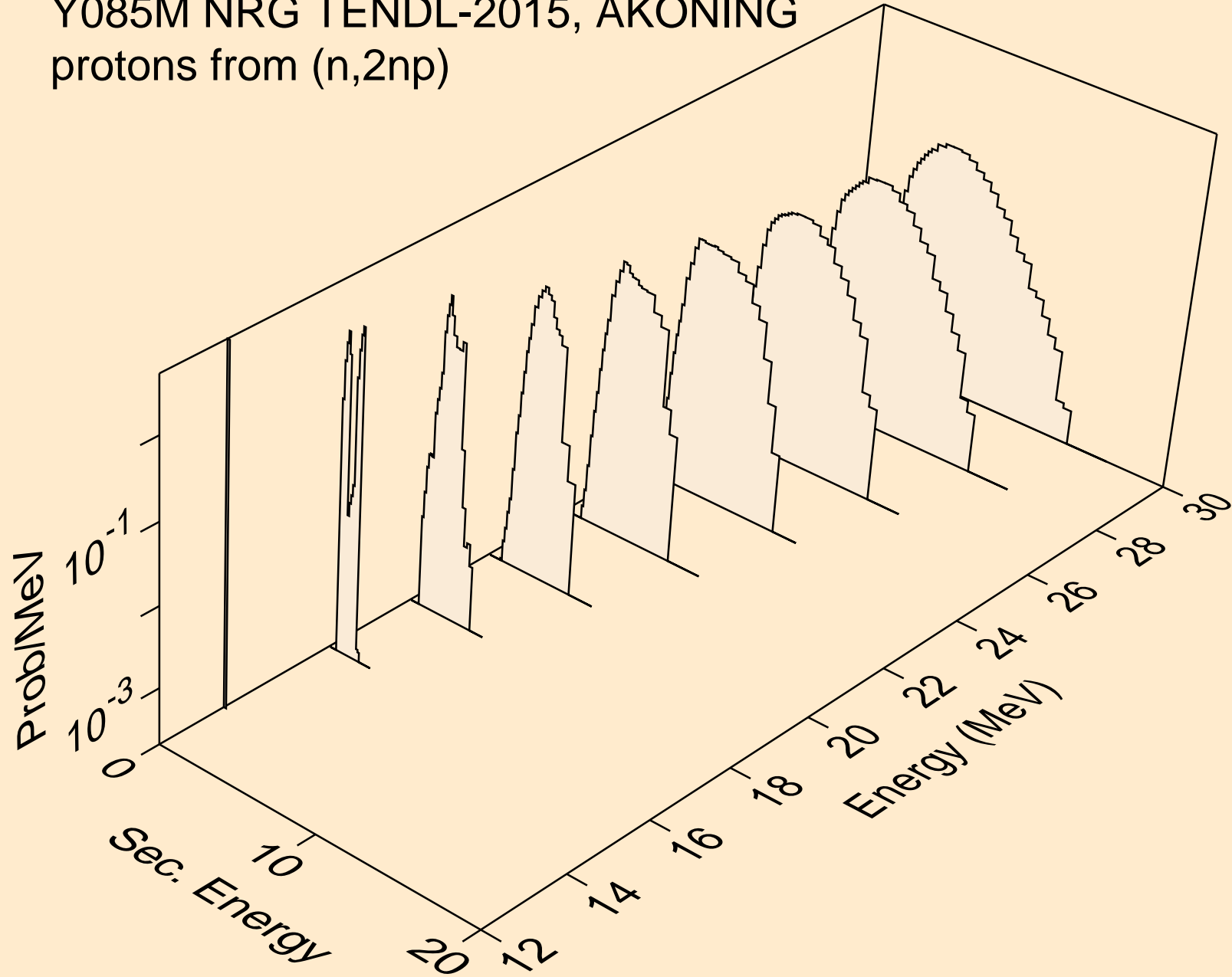




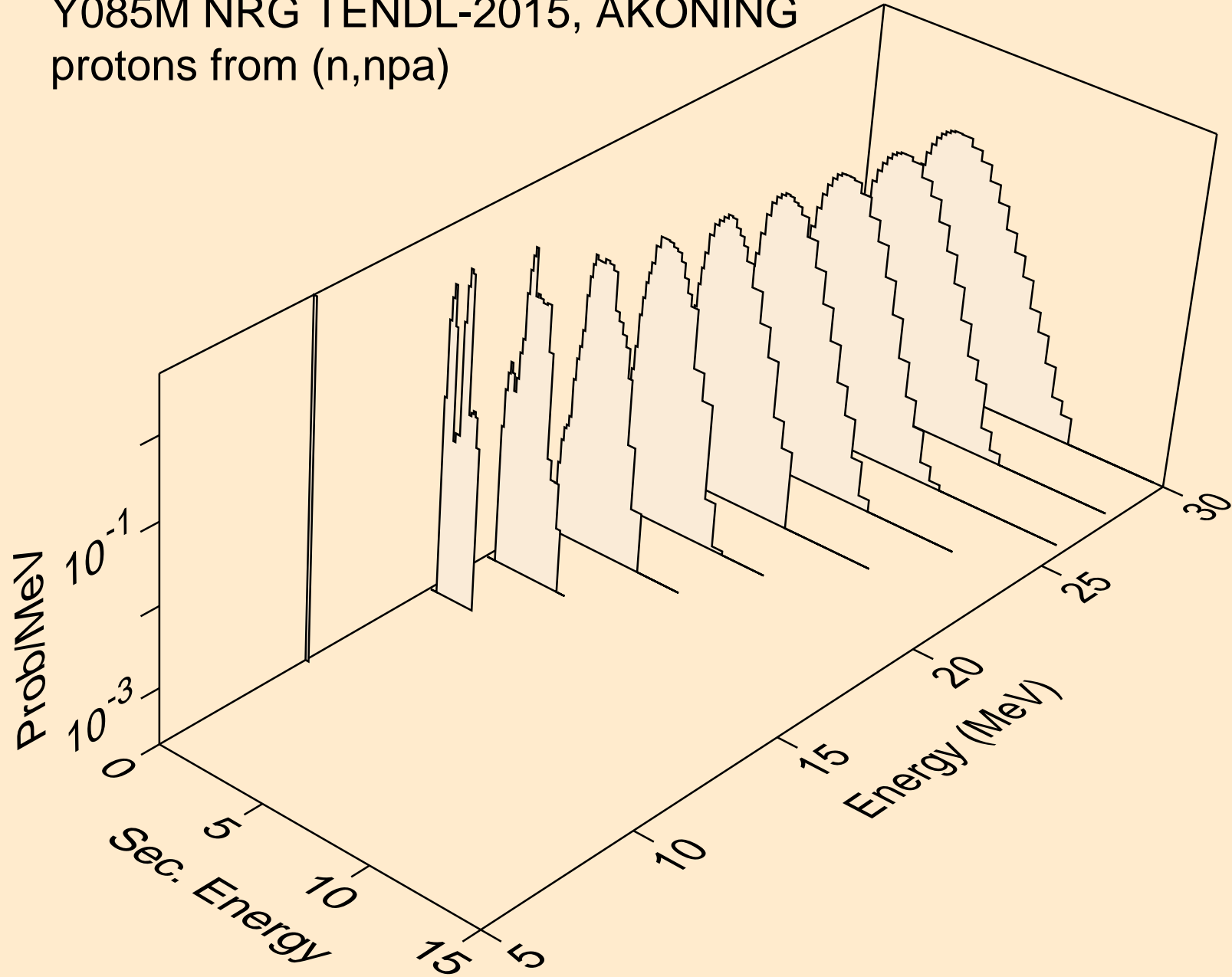
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protons from (n,3np)



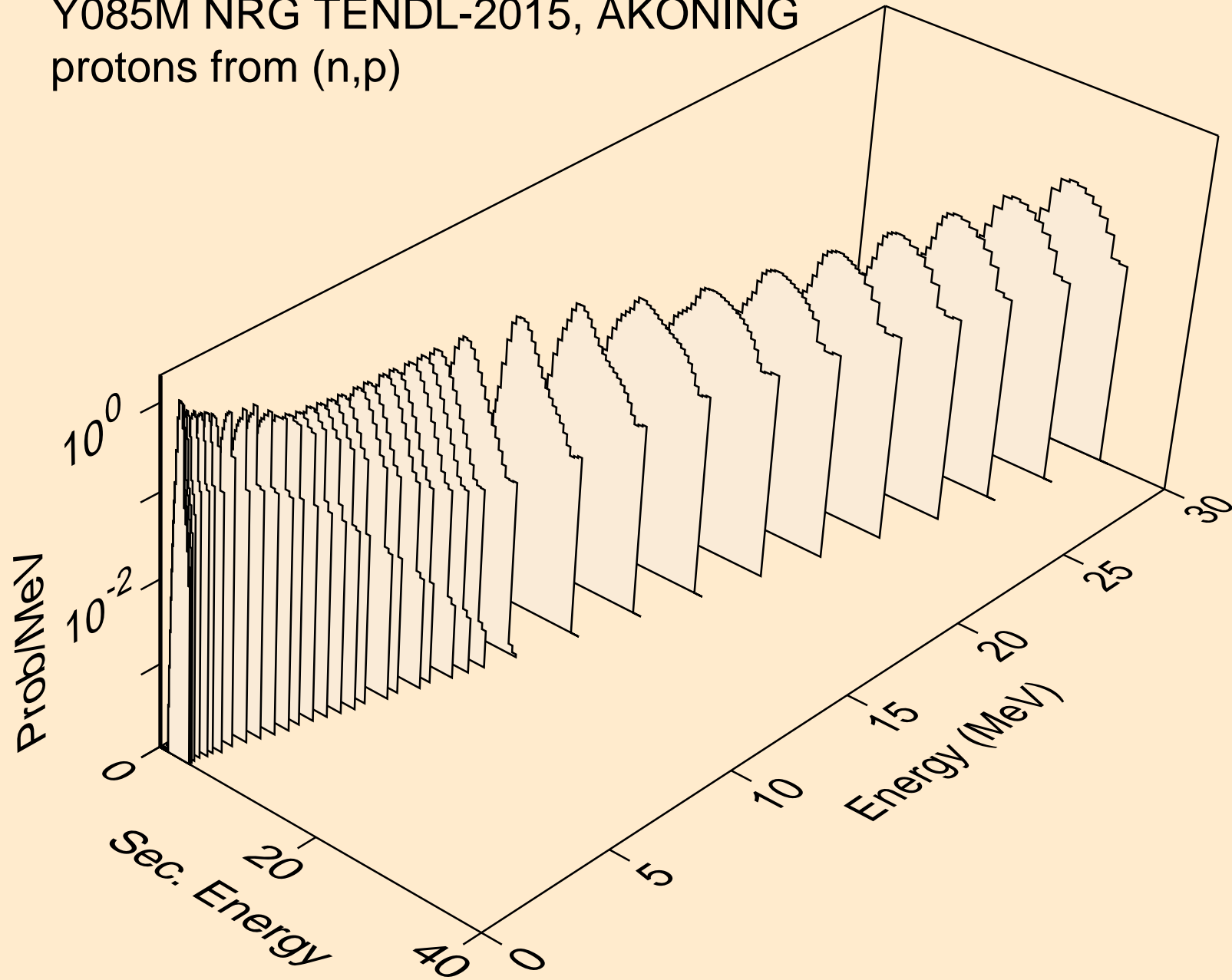
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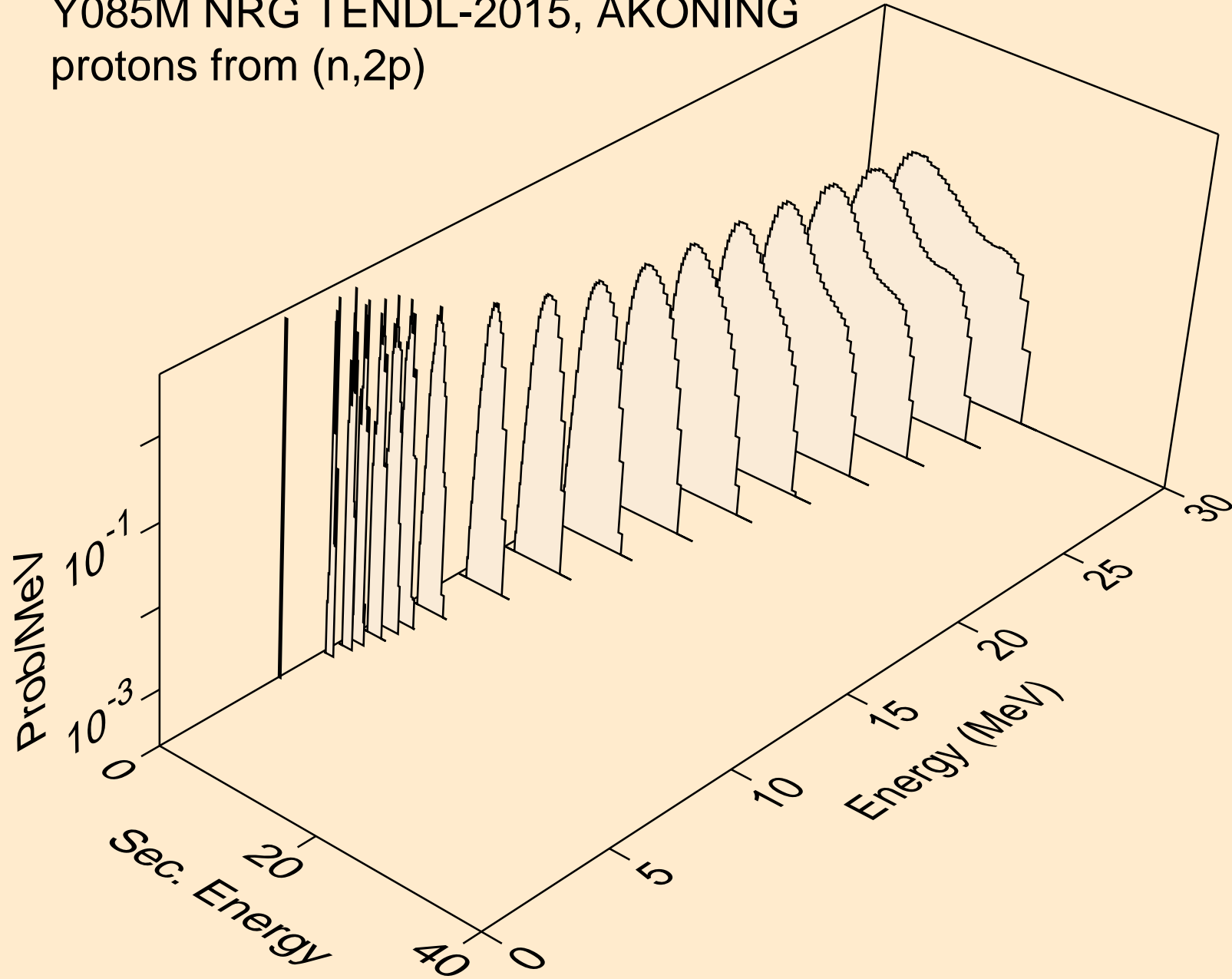
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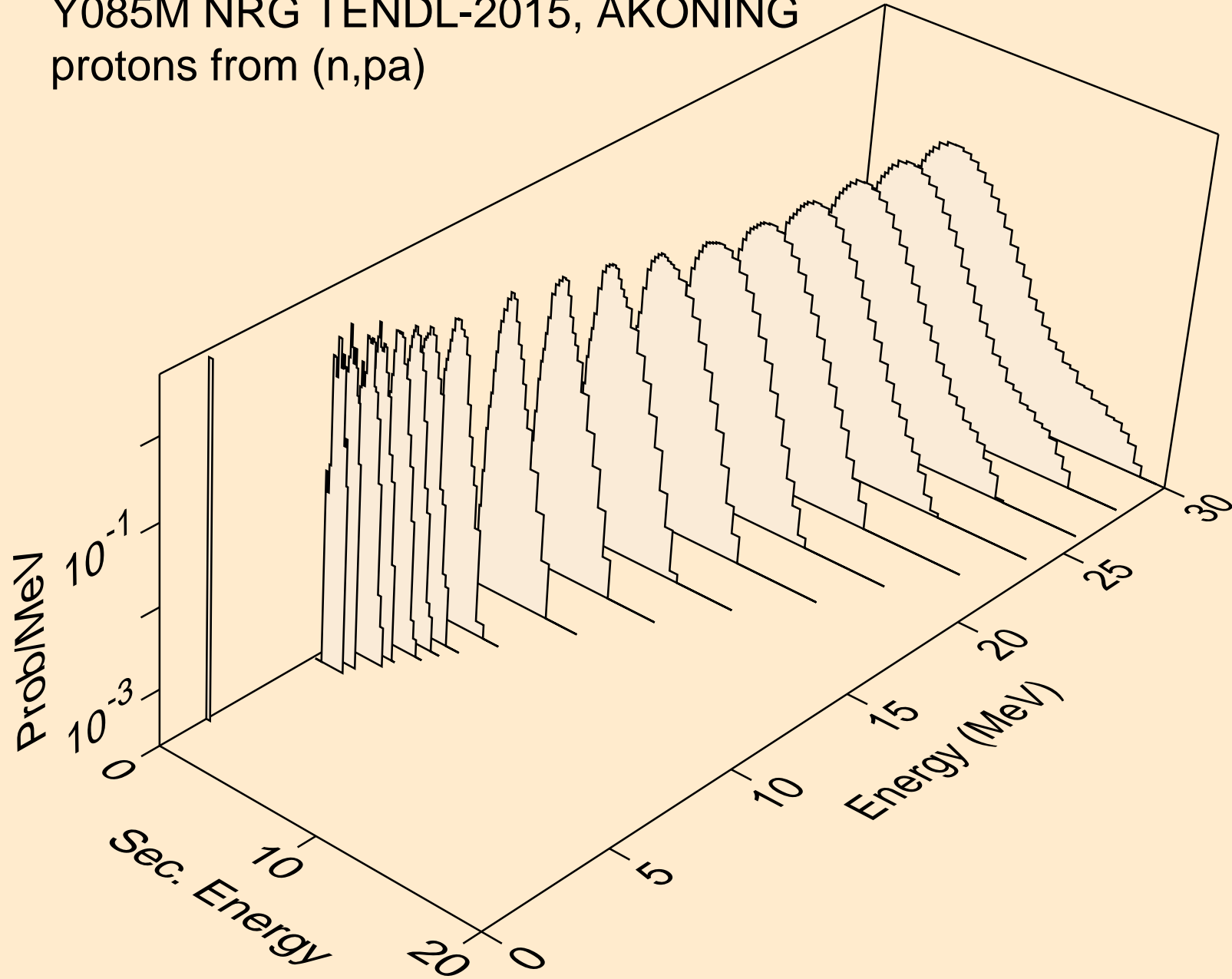
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protons from (n,p)



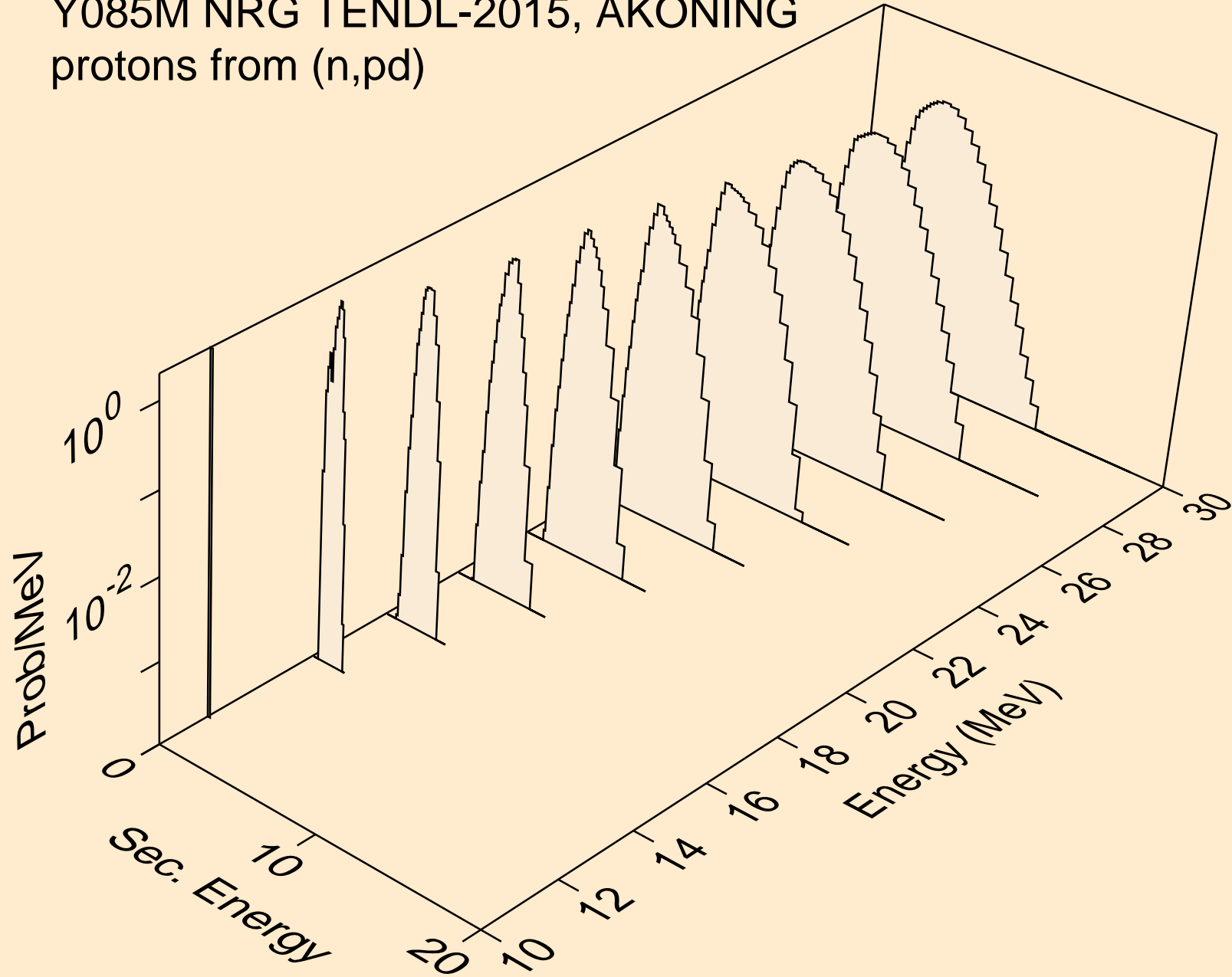
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protons from (n,2p)



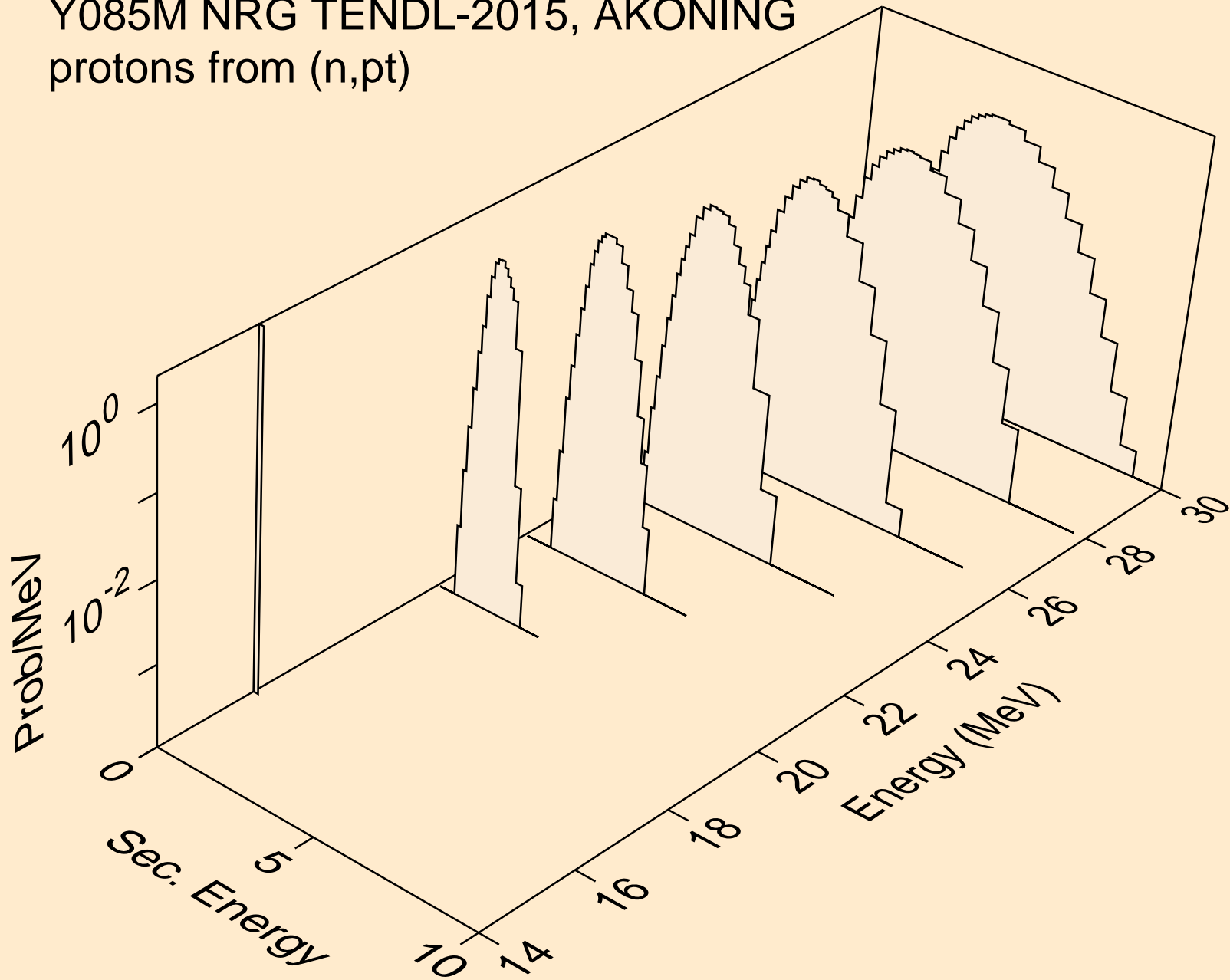
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protons from (n,pa)



Y085M NRG TENDL-2015, AKONING  
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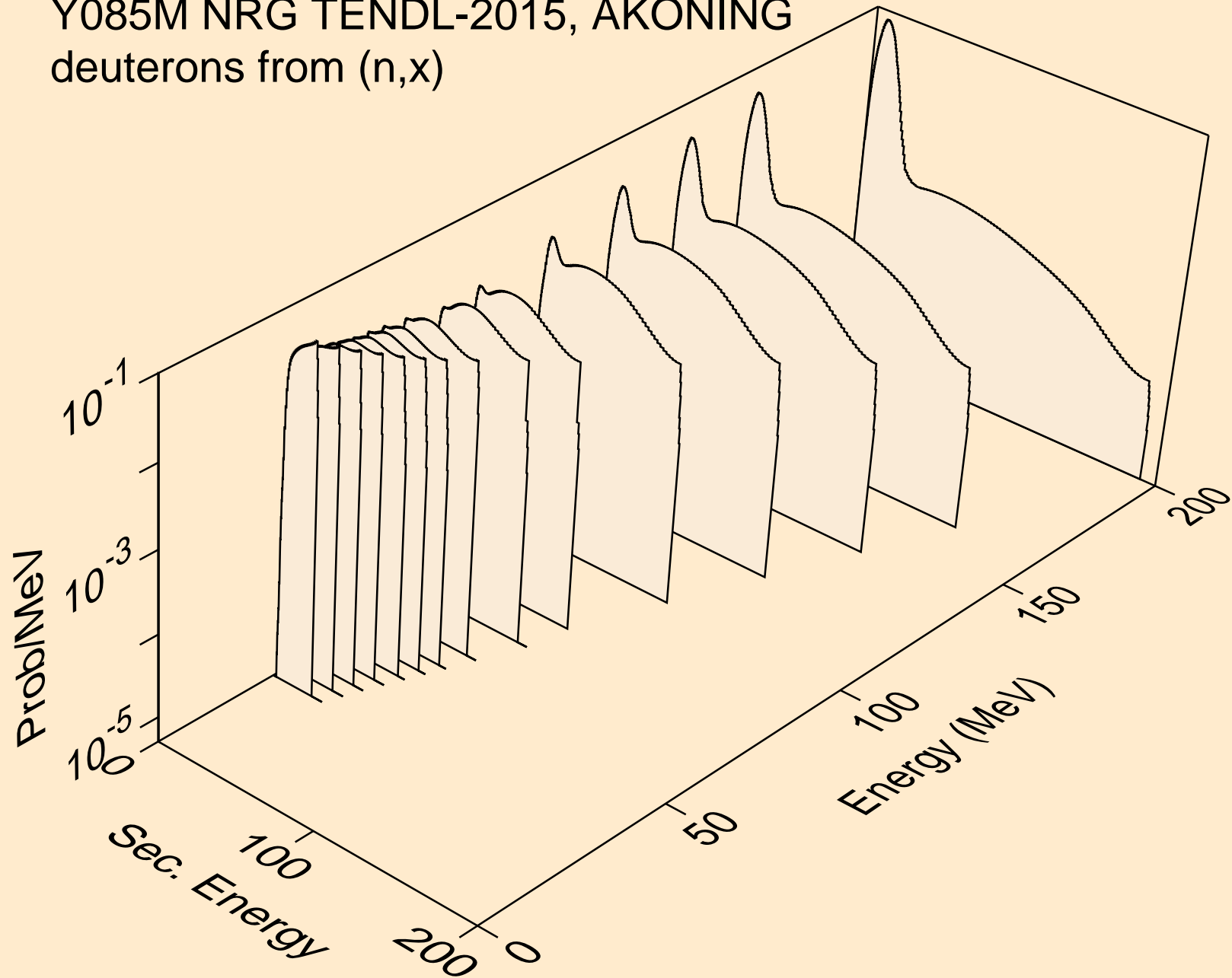


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protons from (n,pt)

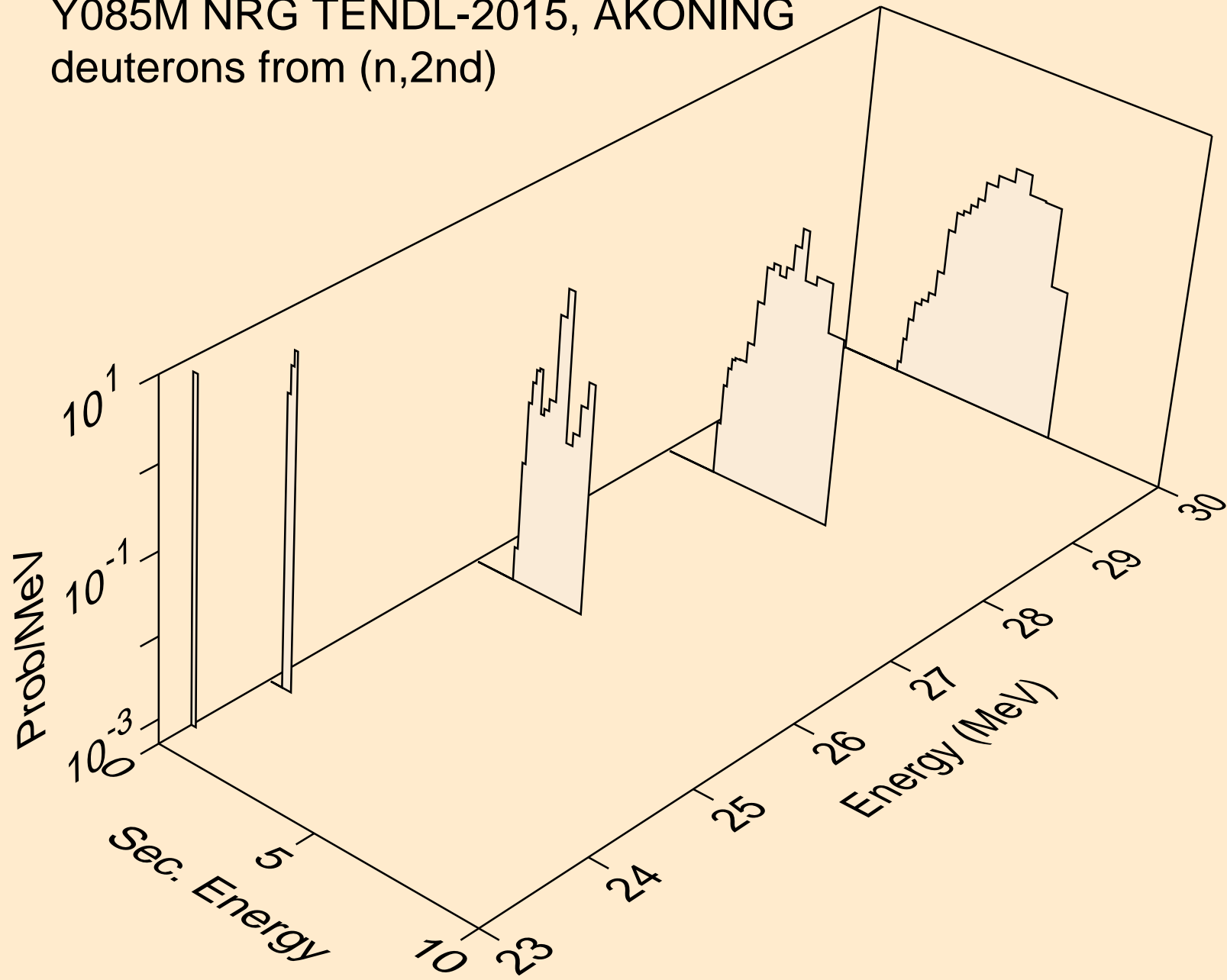




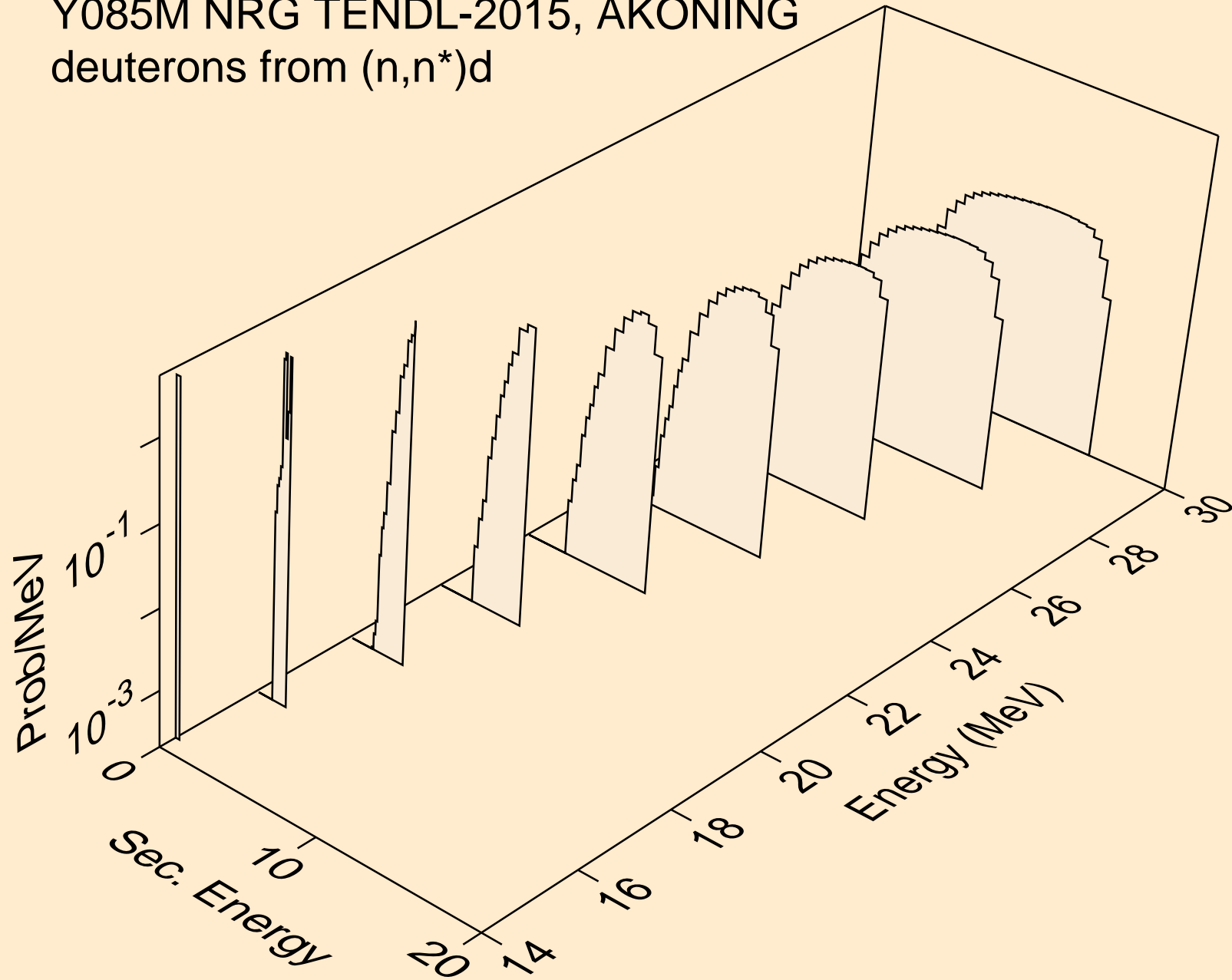
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deuterons from (n,x)



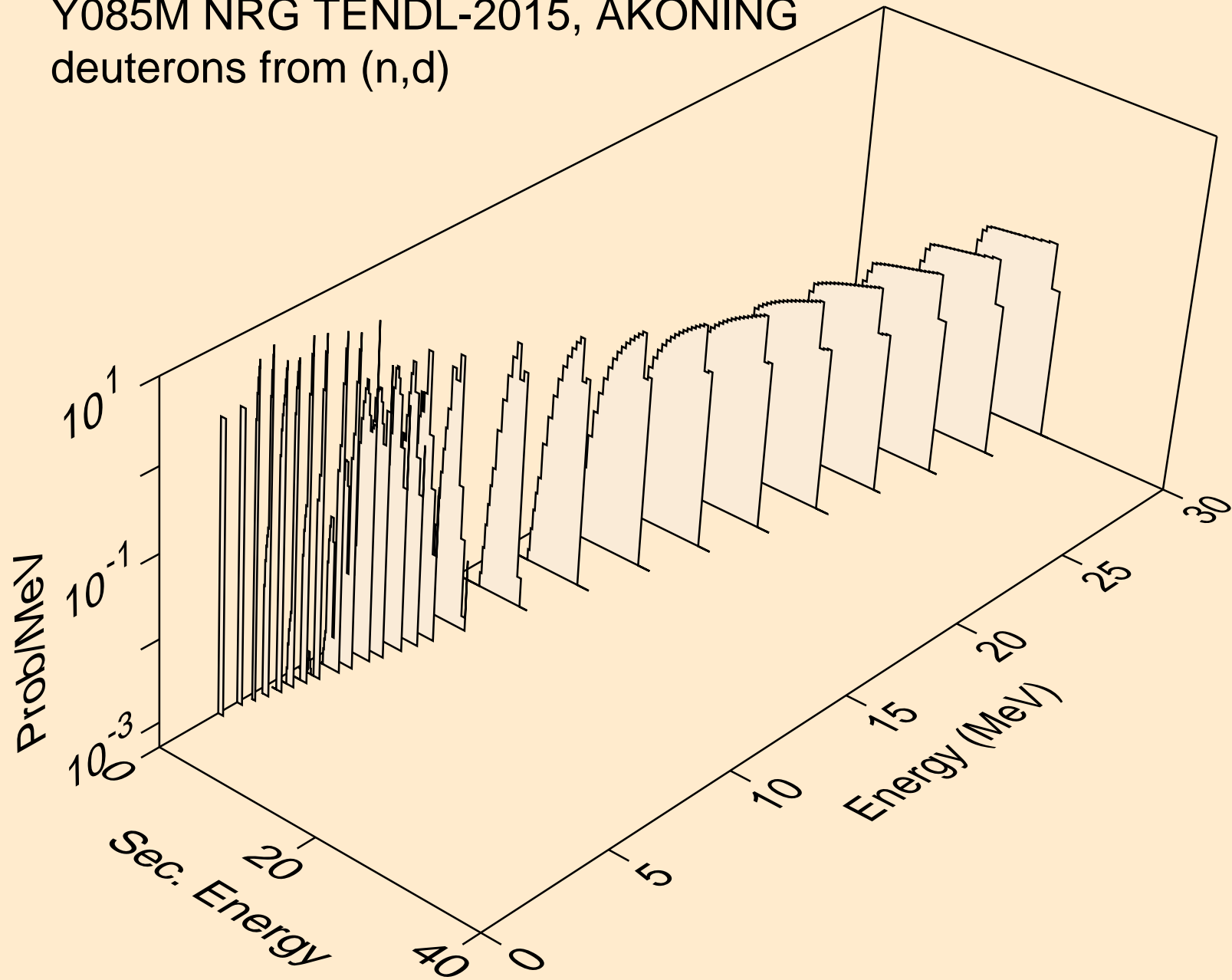
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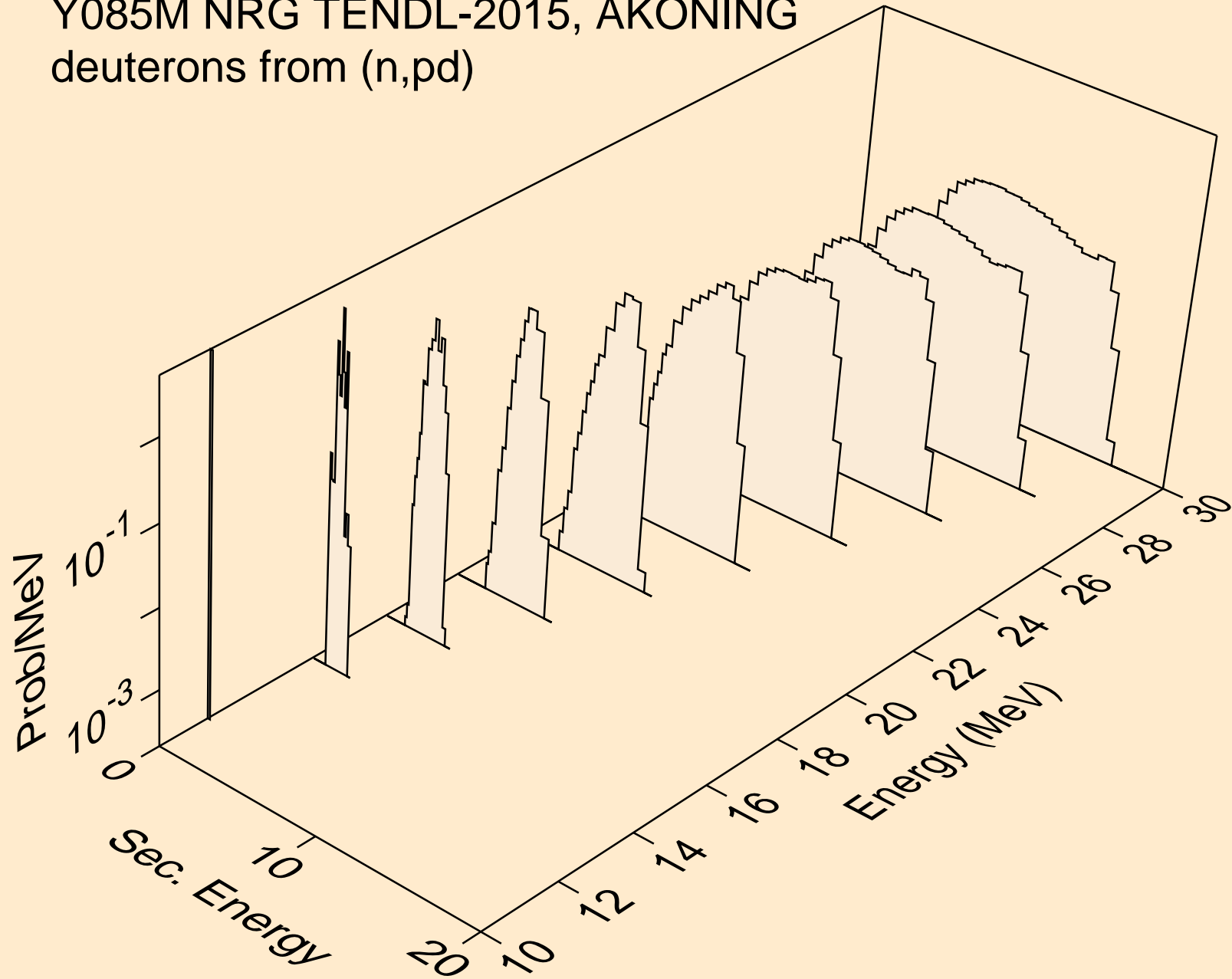
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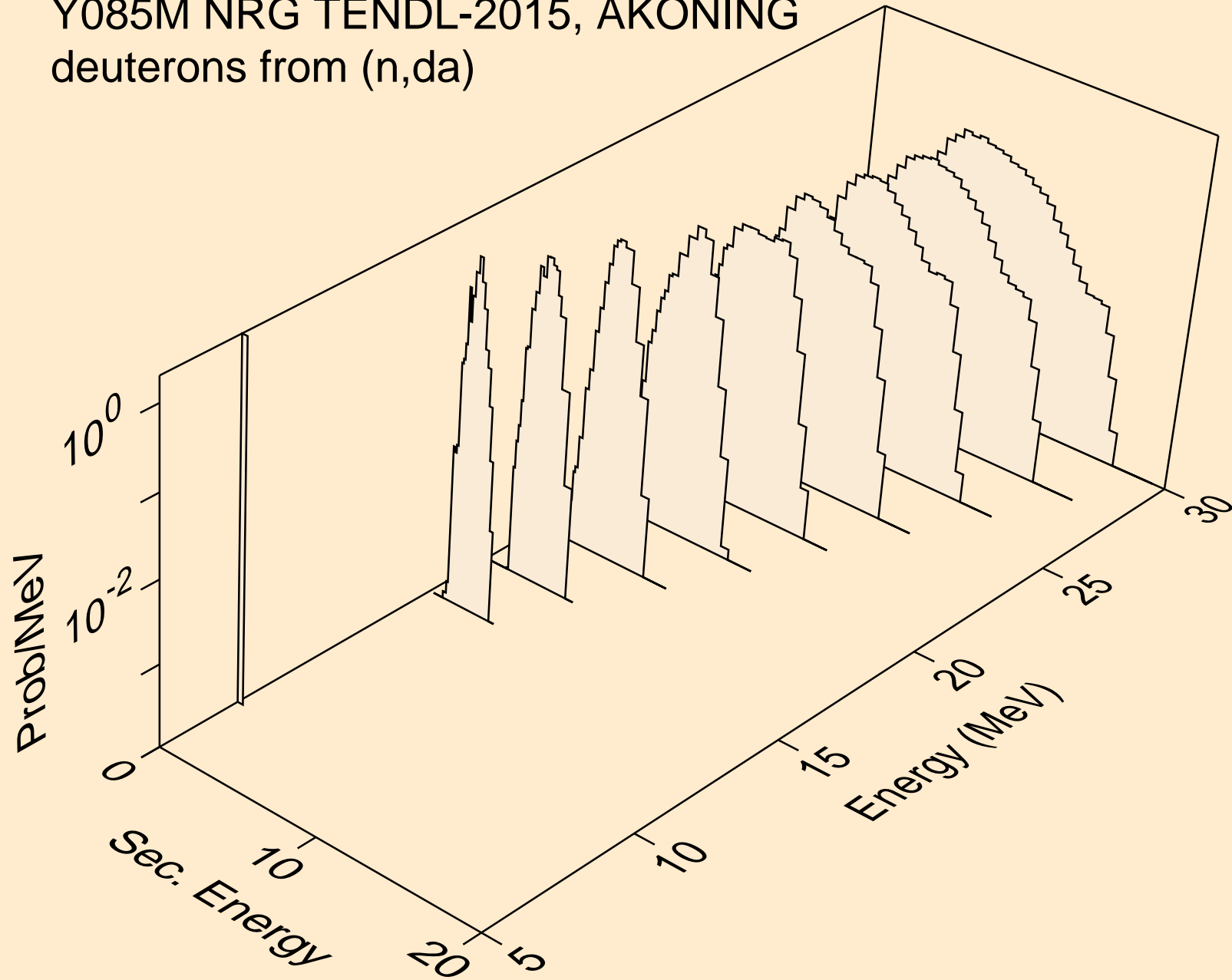
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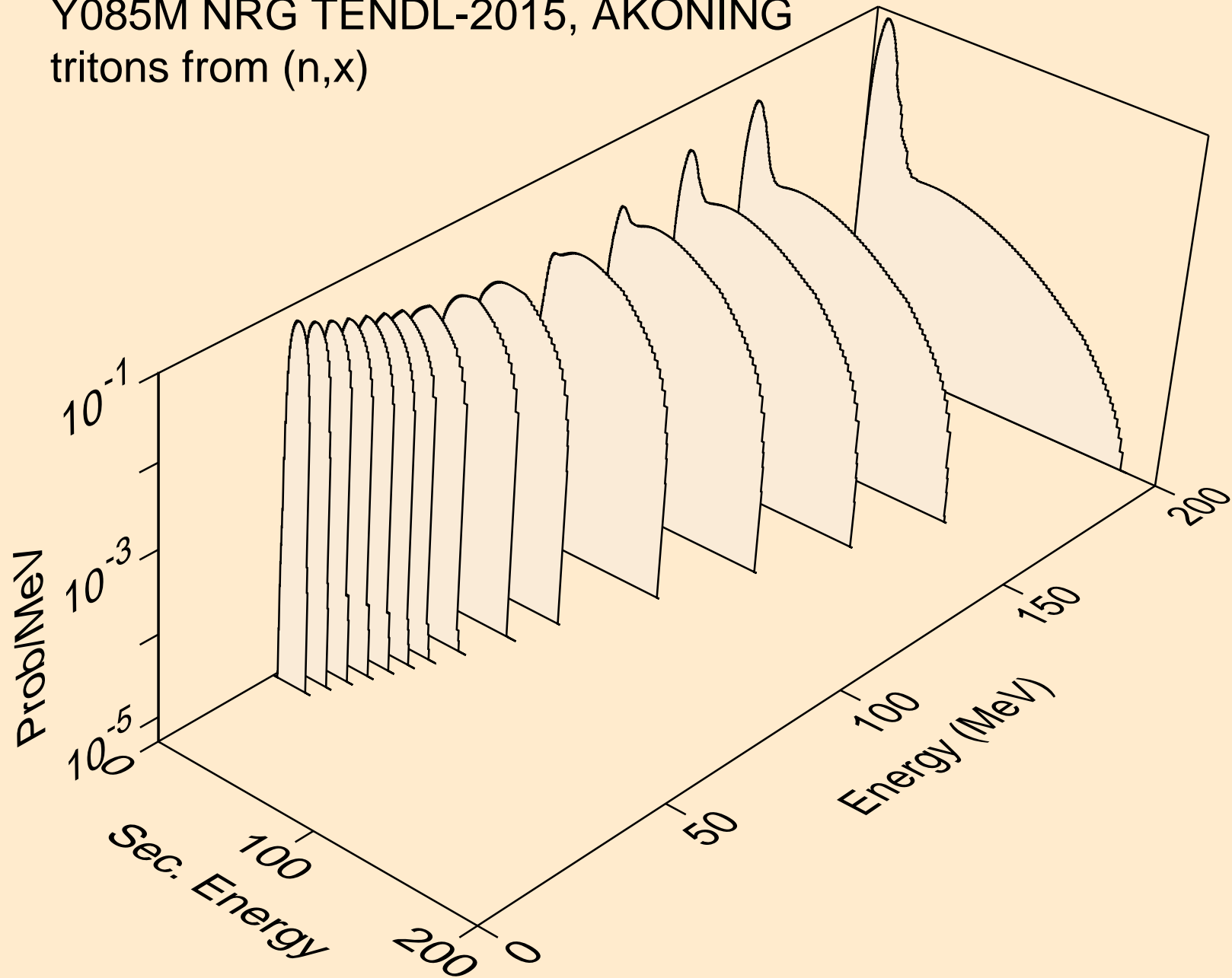
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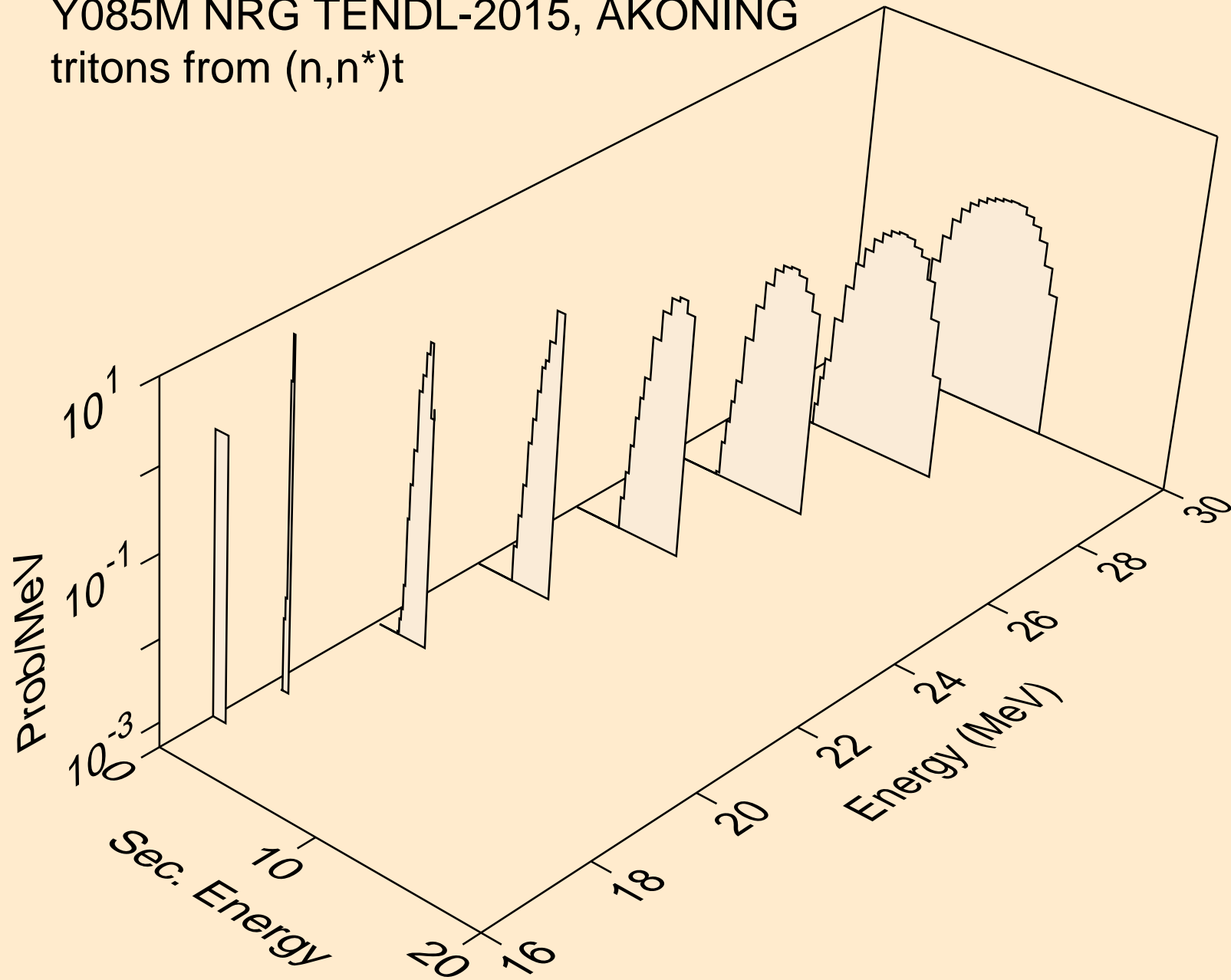
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deuterons from (n,da)



Y085M NRG TENDL-2015, AKONING  
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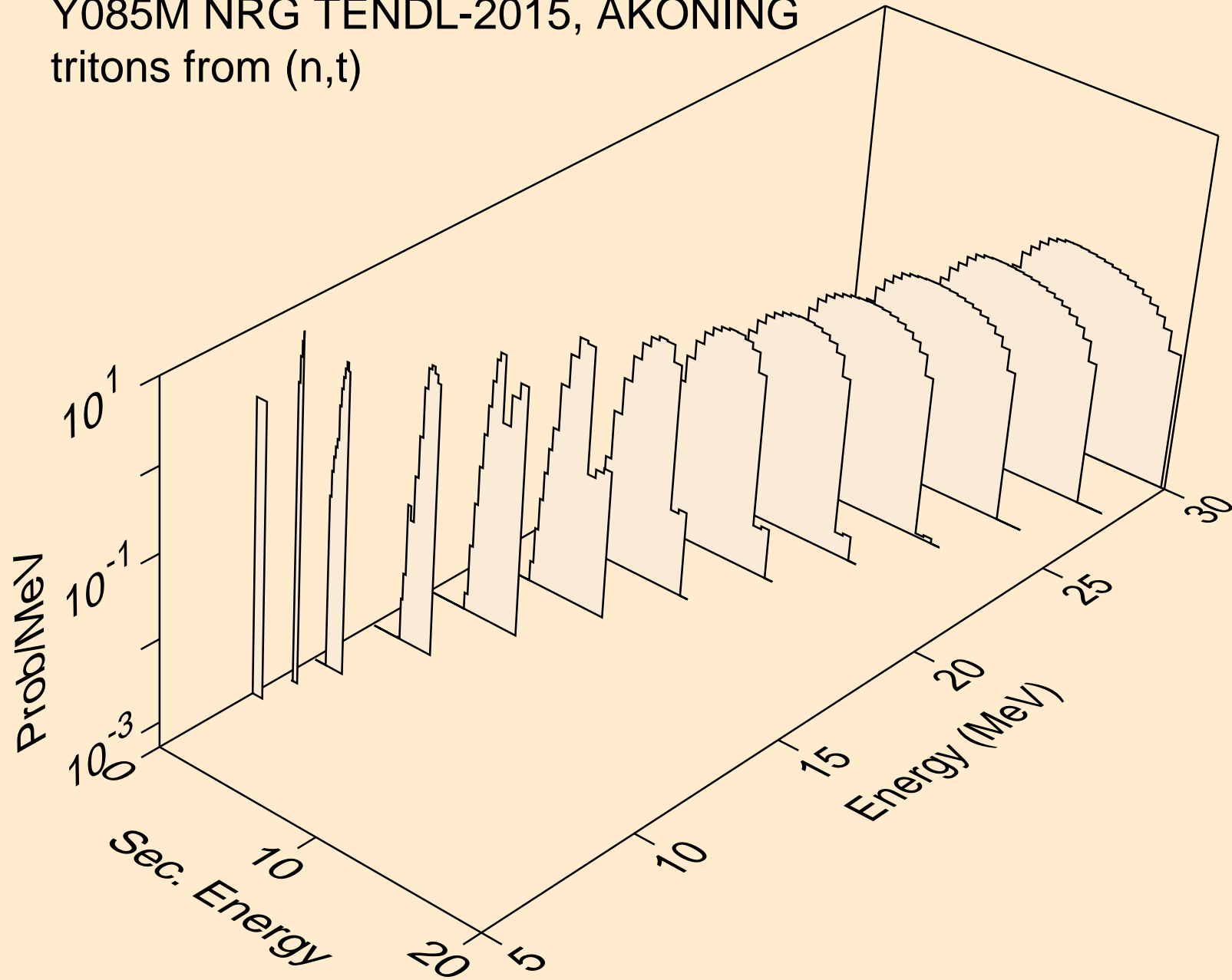


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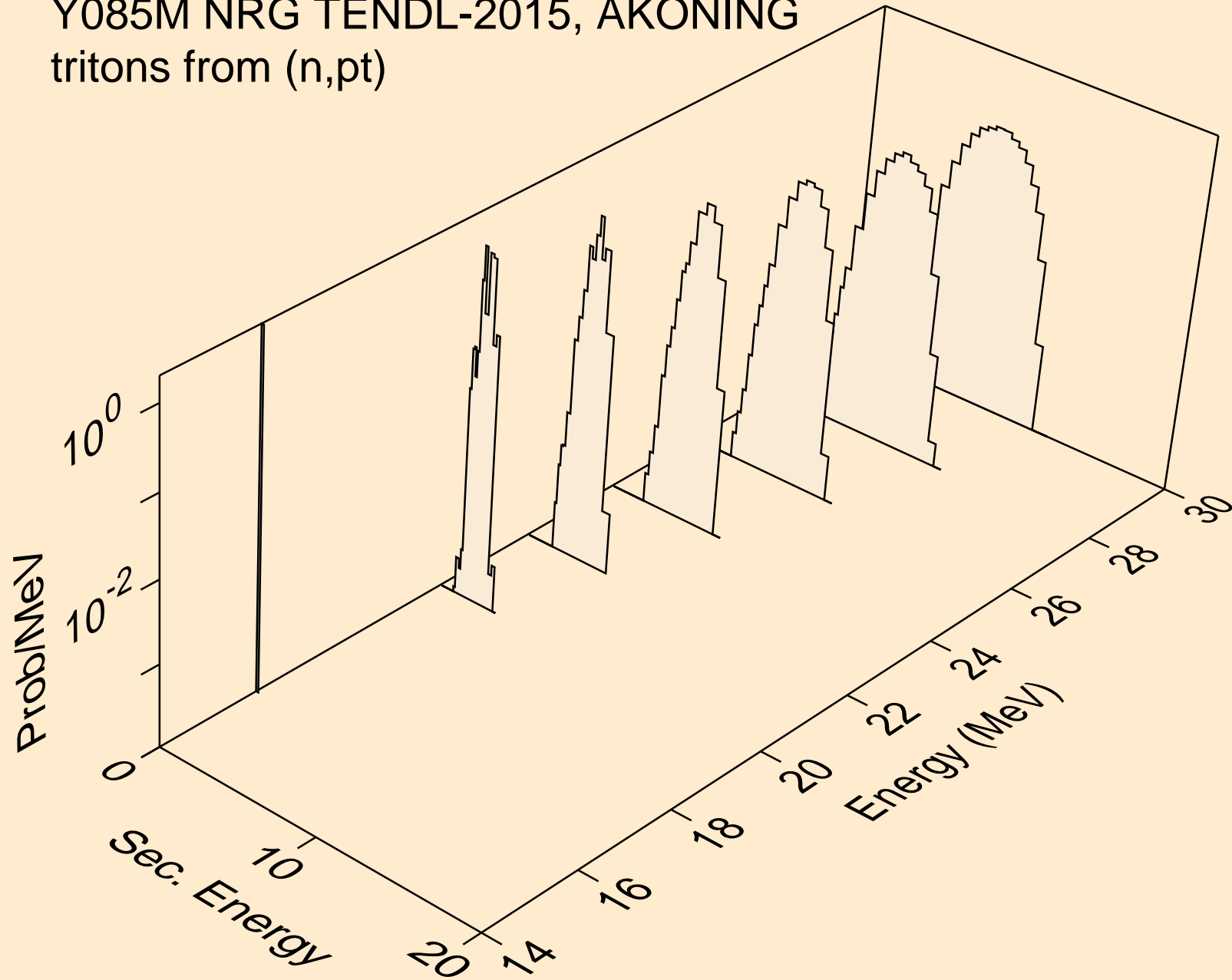




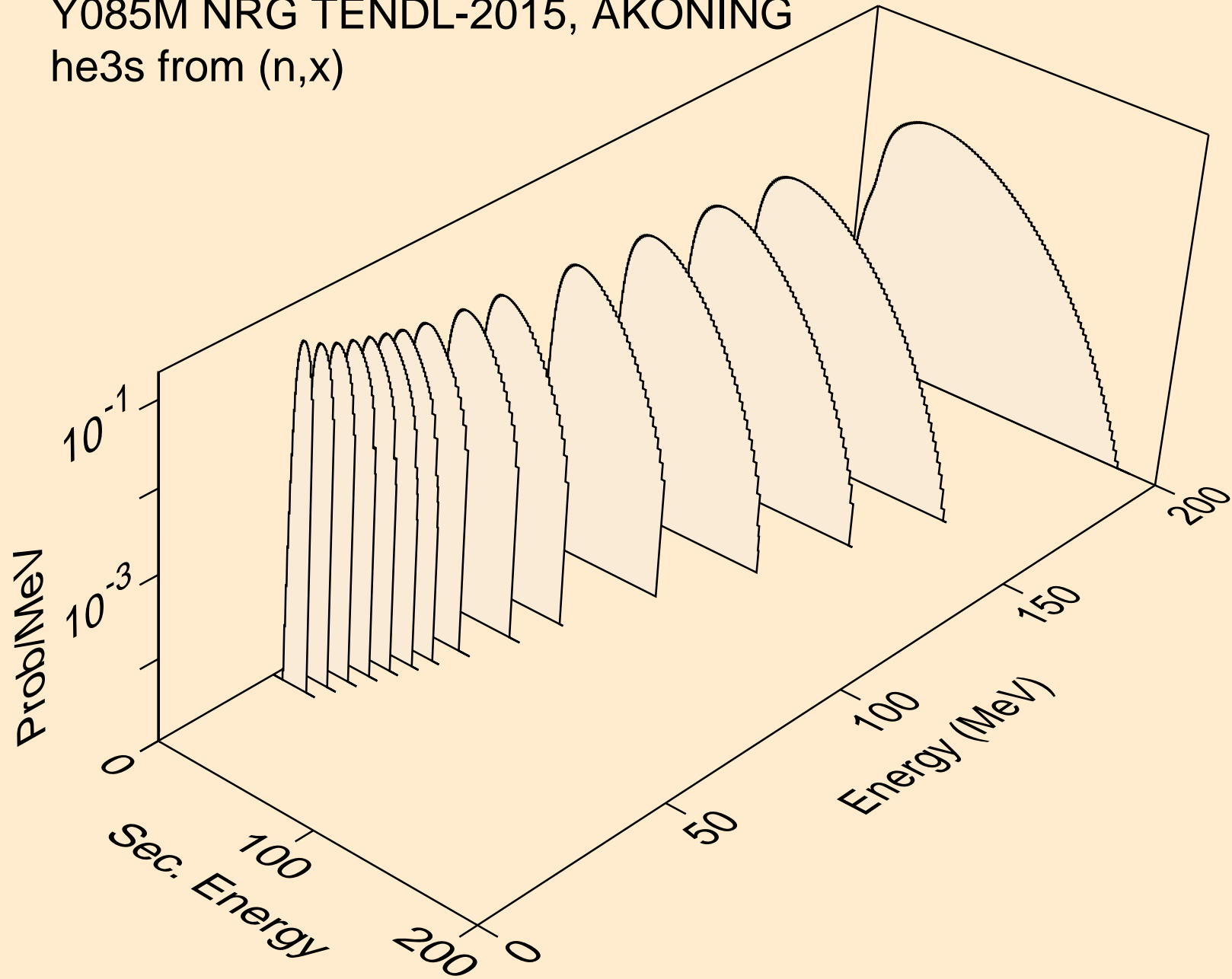
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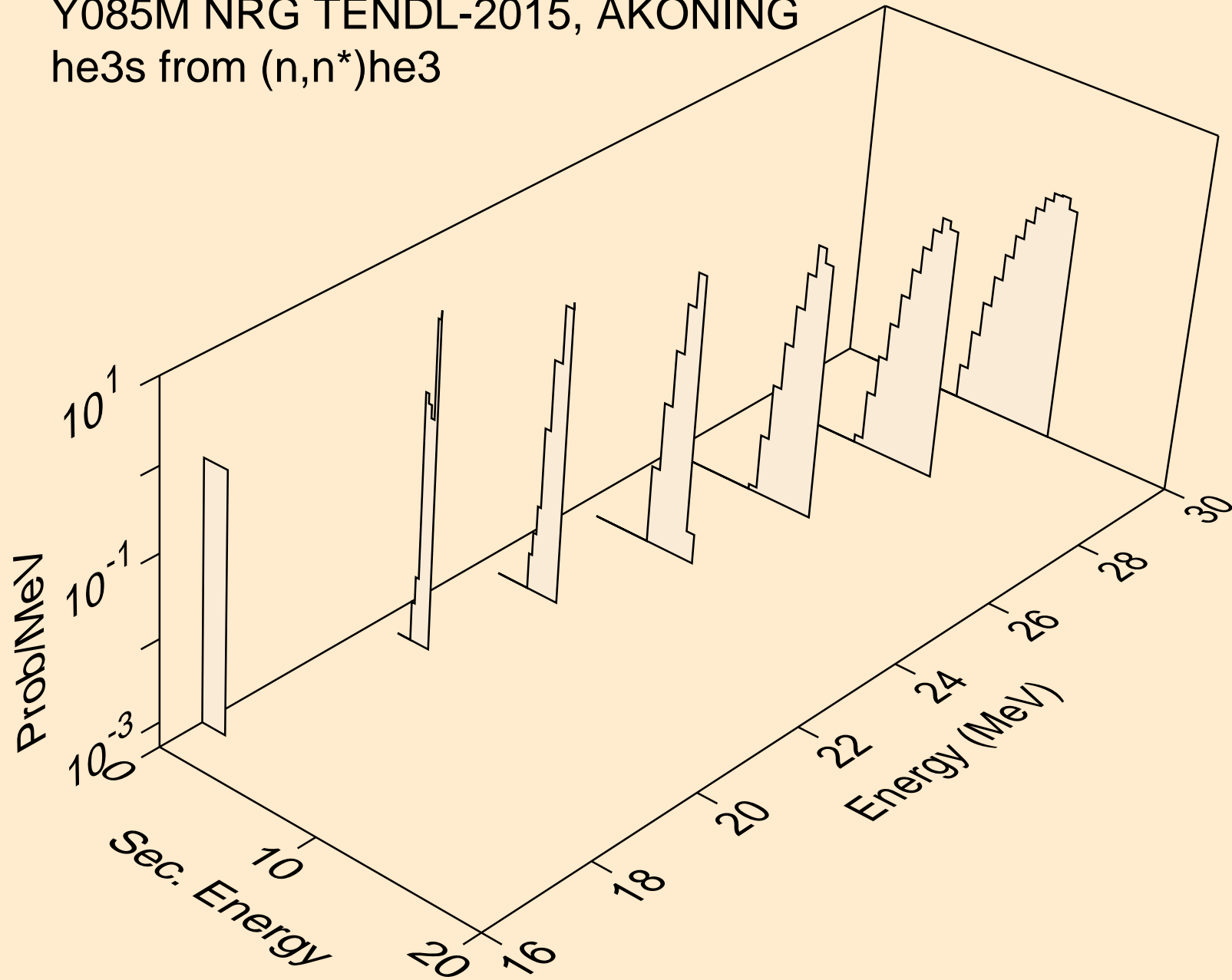
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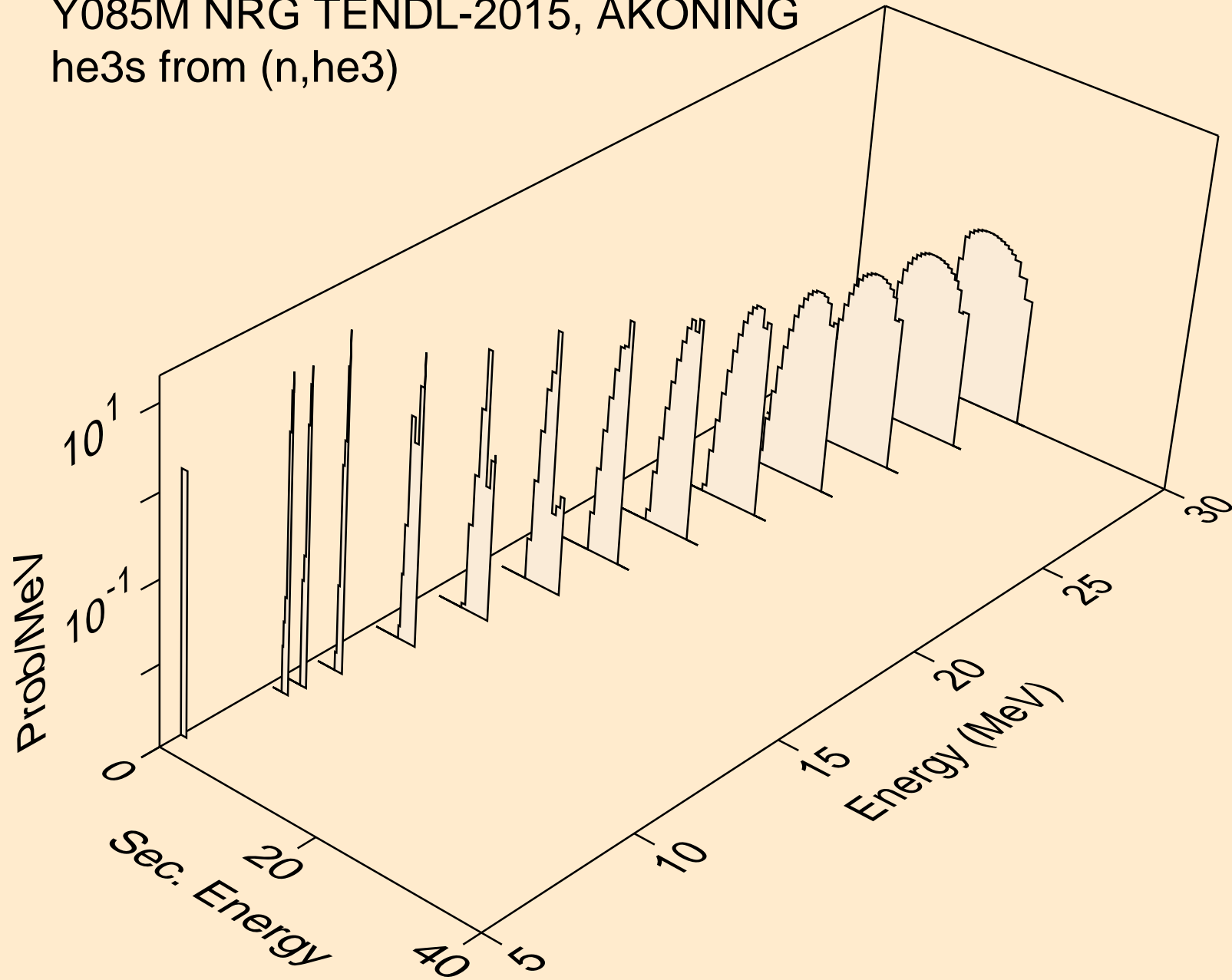
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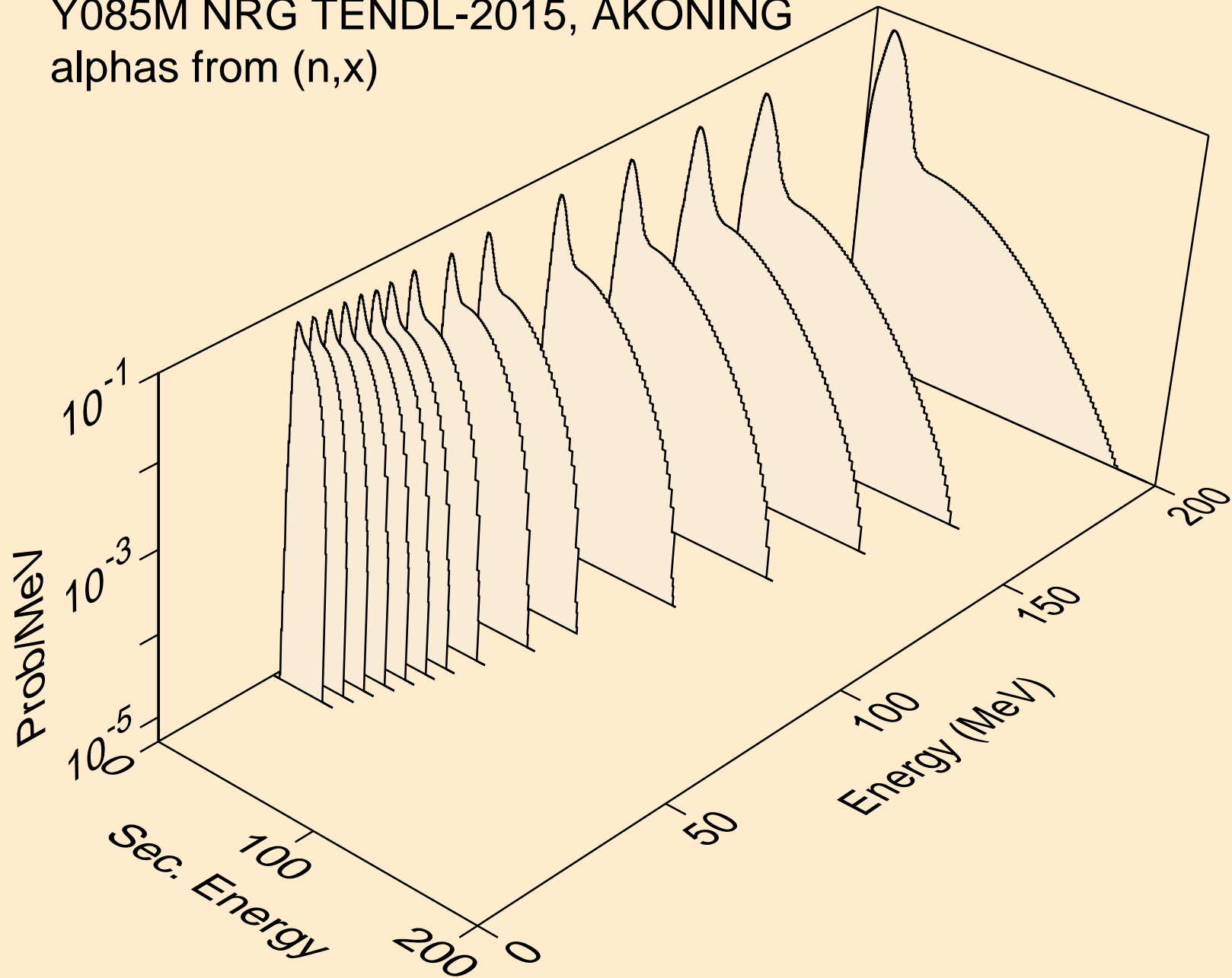
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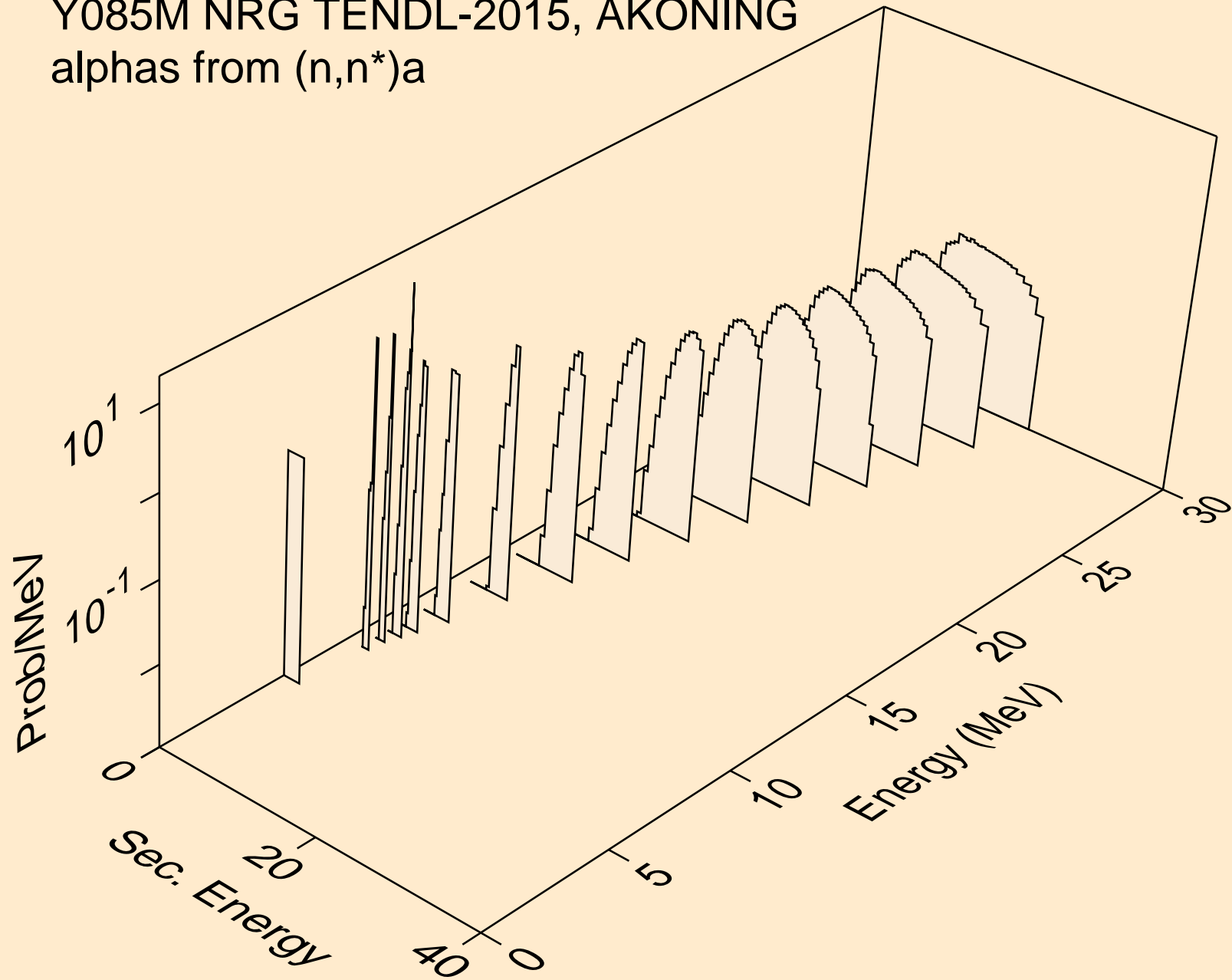
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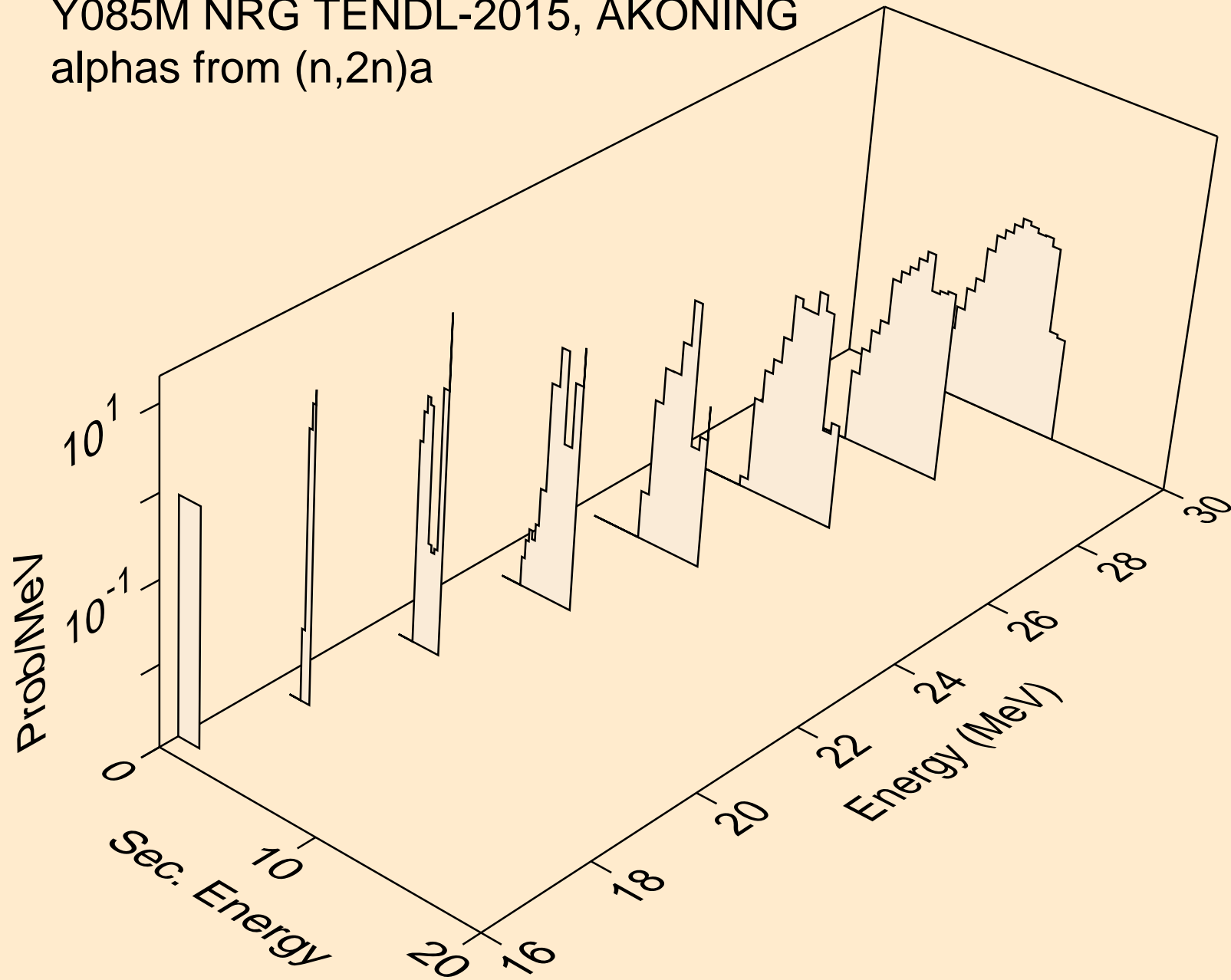
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alphas from (n,x)



Y085M NRG TENDL-2015, AKONING  
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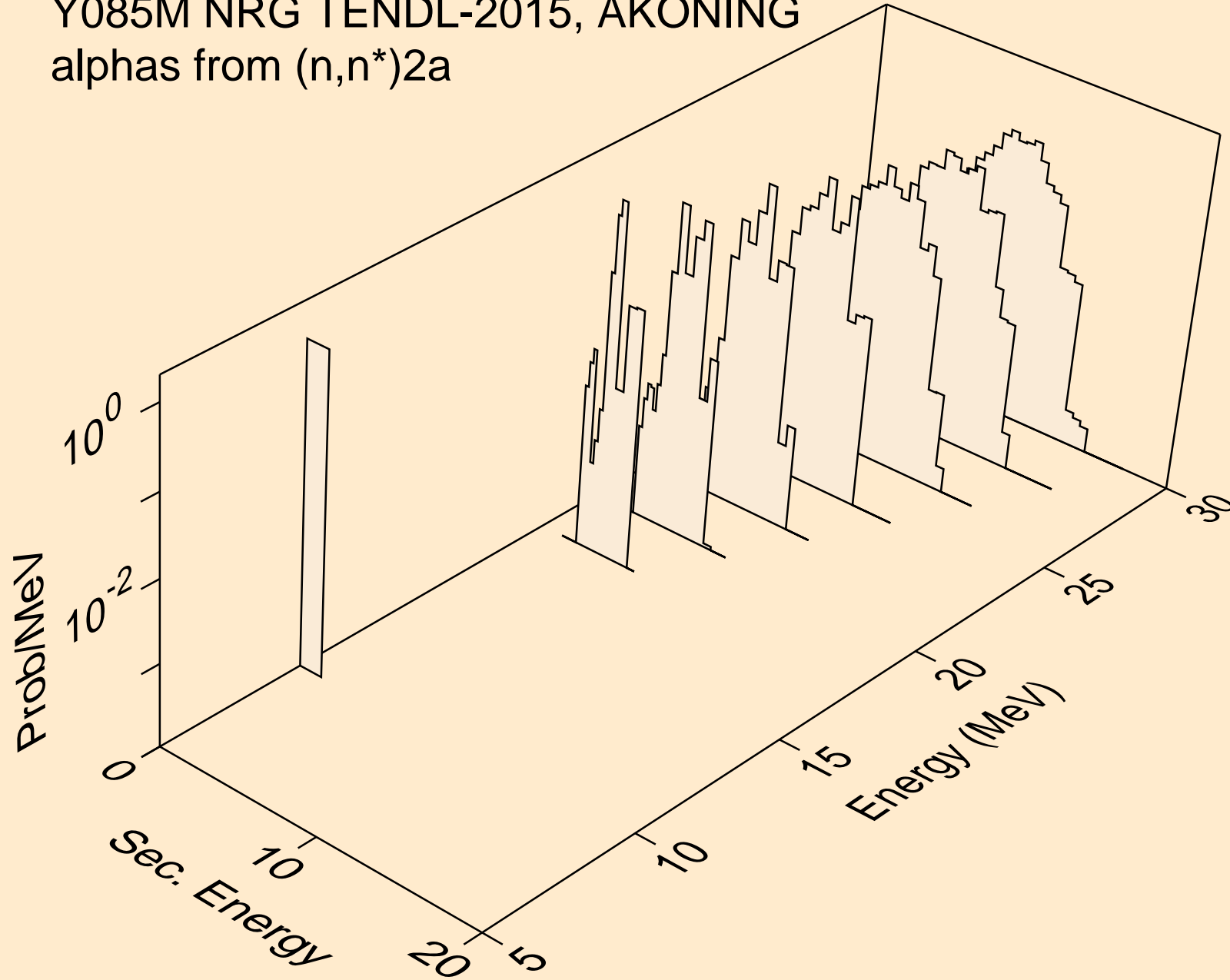


Y085M NRG TENDL-2015, AKONING  
alphas from (n,2n)a

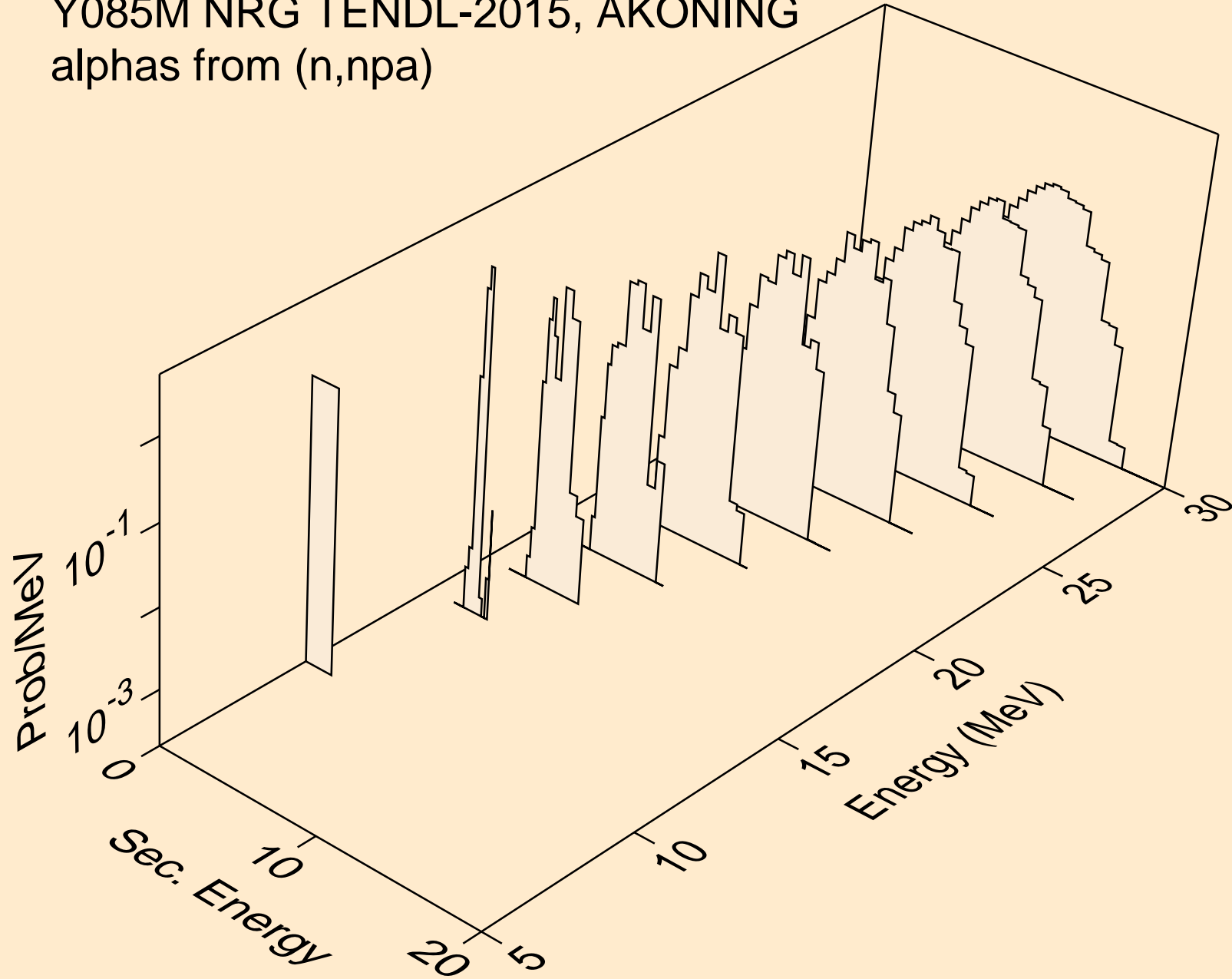




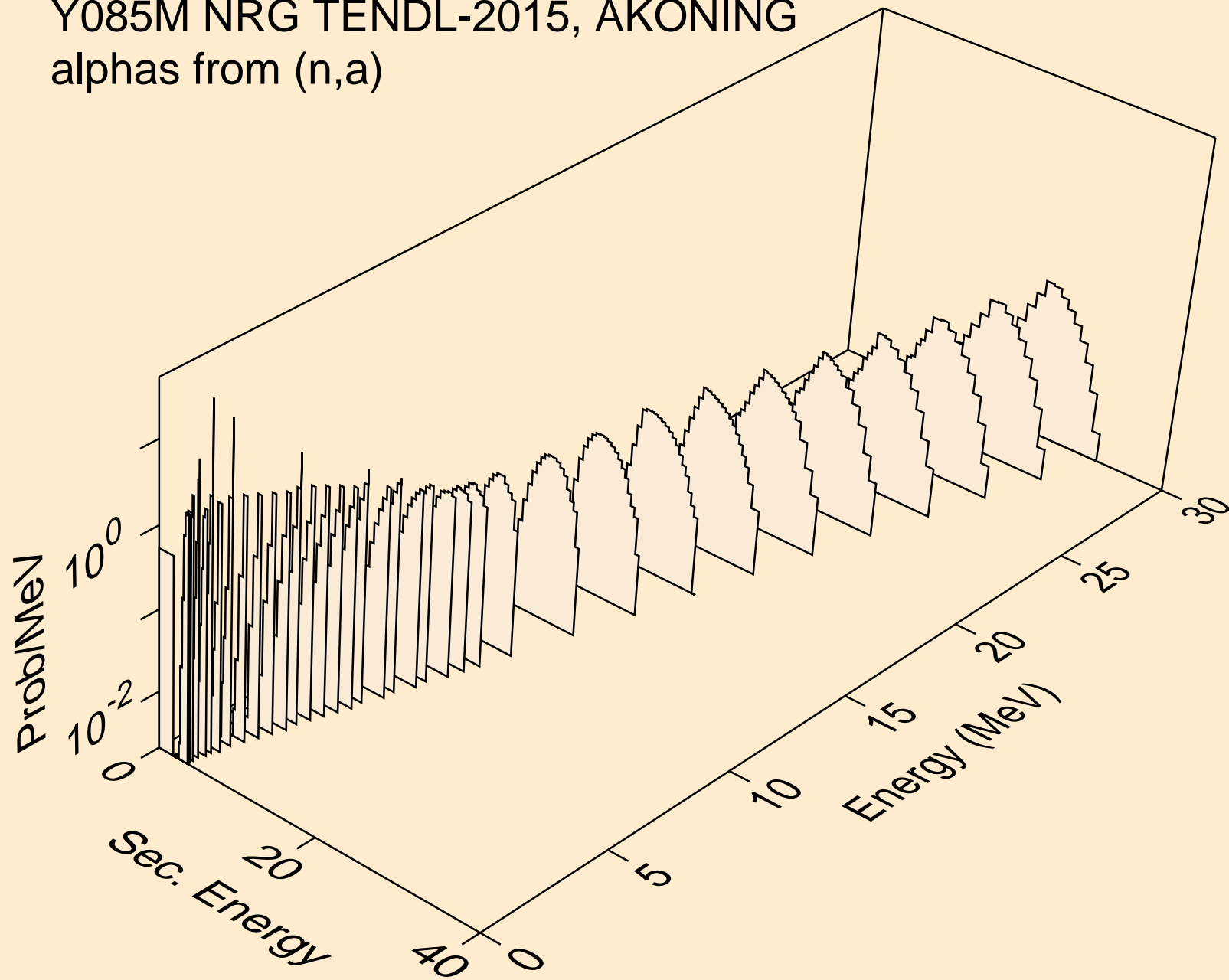
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alphas from (n,n\*)2a



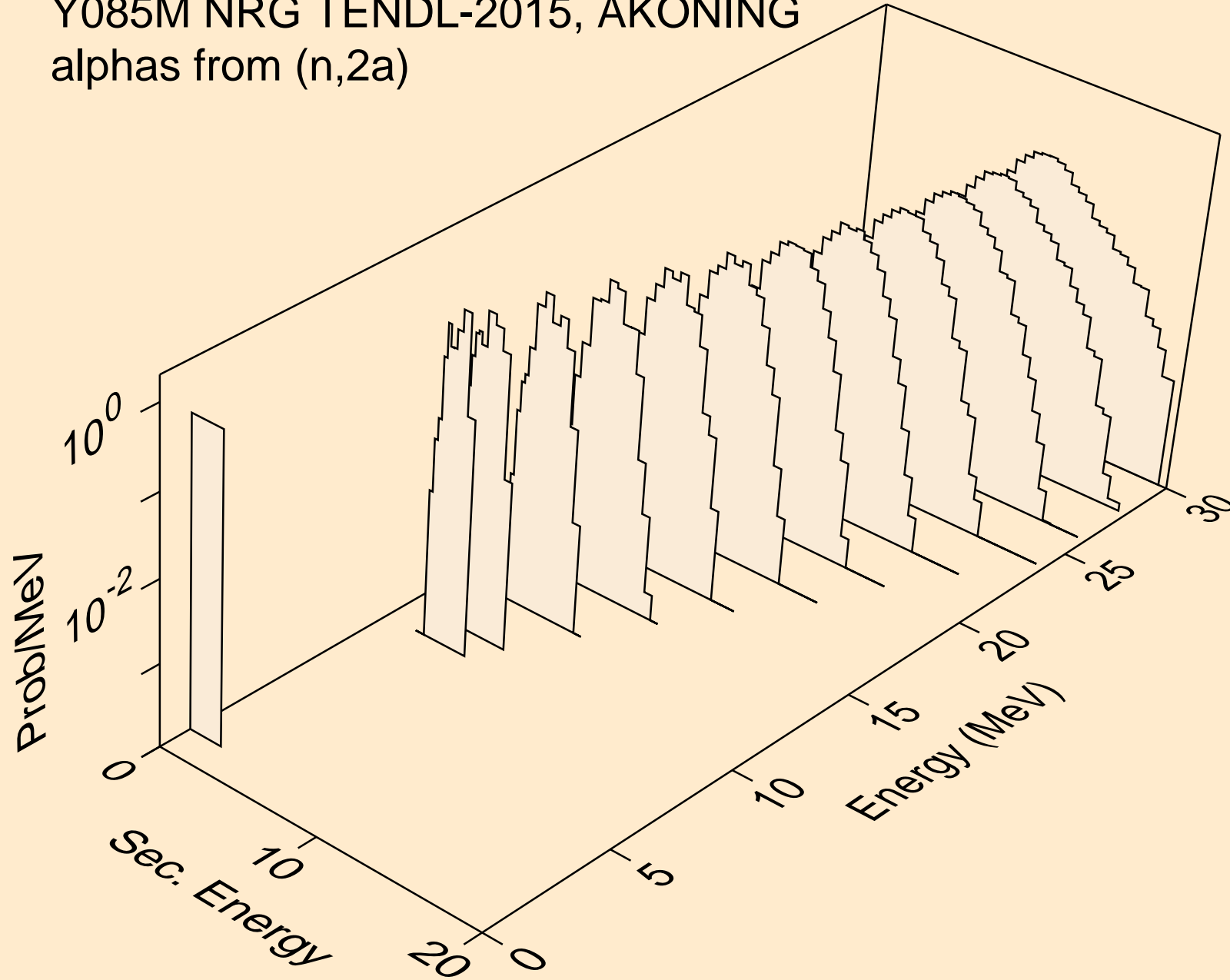
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alphas from (n,npa)



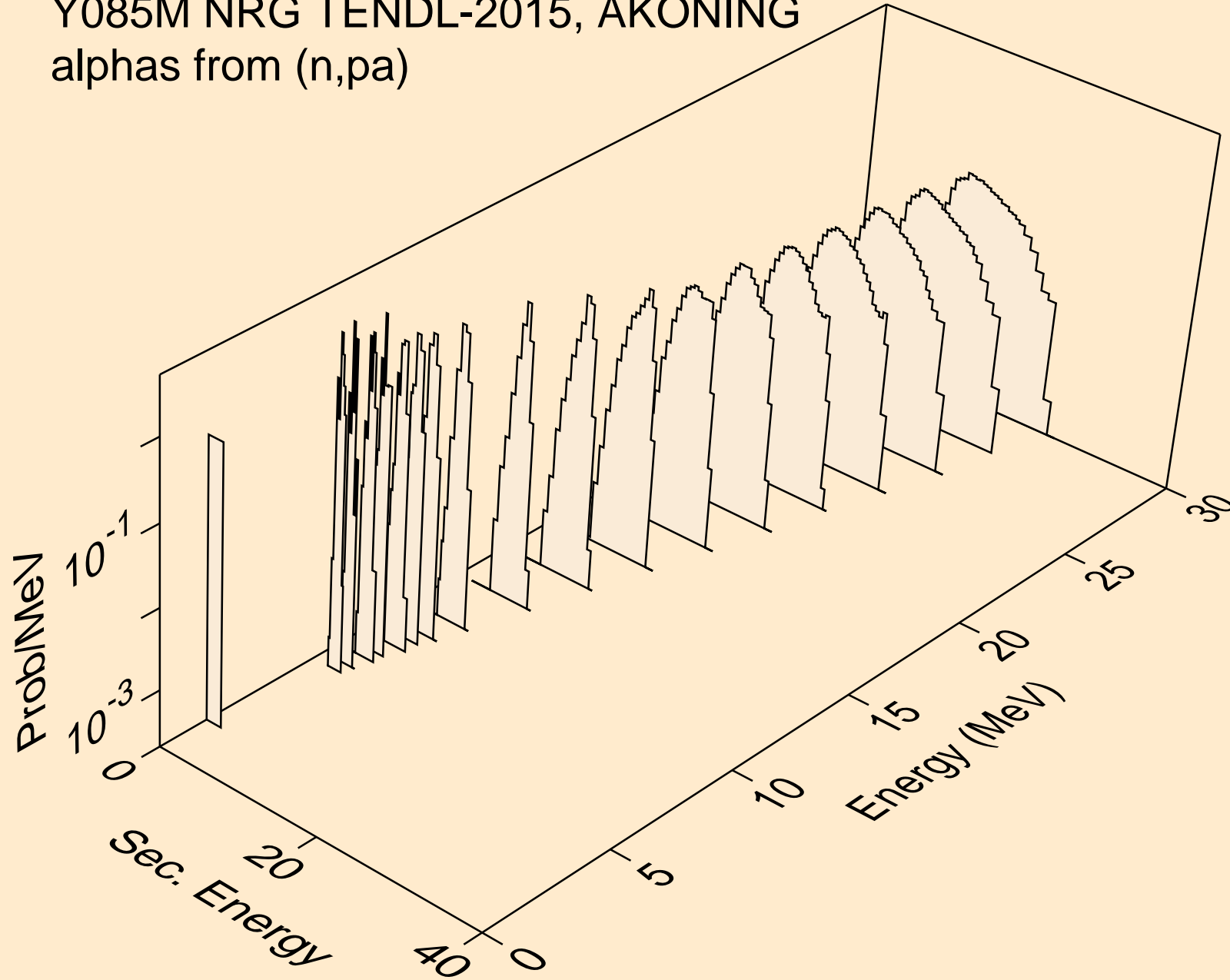
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alphas from (n,a)



Y085M NRG TENDL-2015, AKONING  
alphas from (n,2a)



Y085M NRG TENDL-2015, AKONING  
alphas from (n,pa)



Y085M NRG TENDL-2015, AKONING  
alphas from (n,da)

