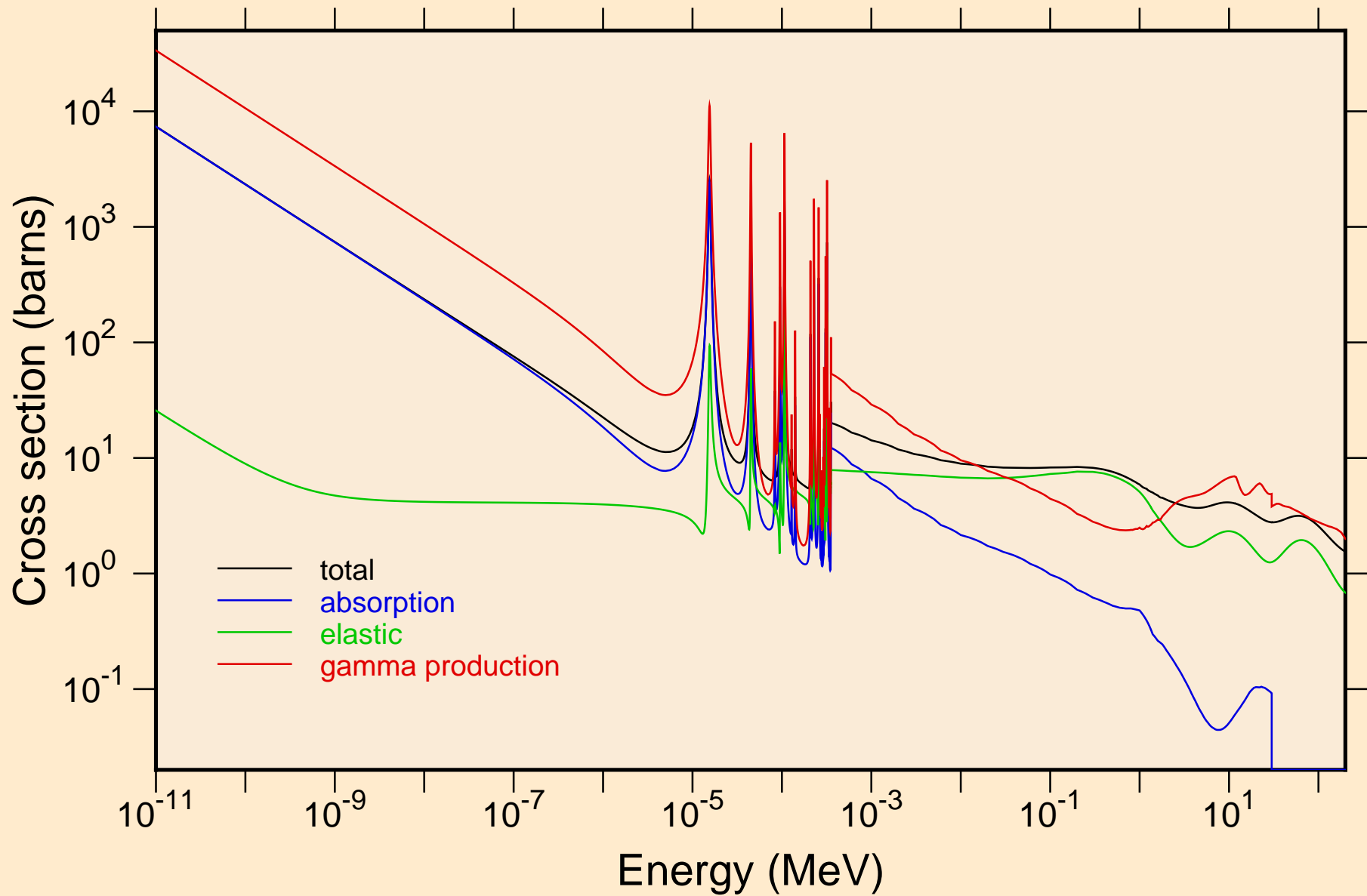
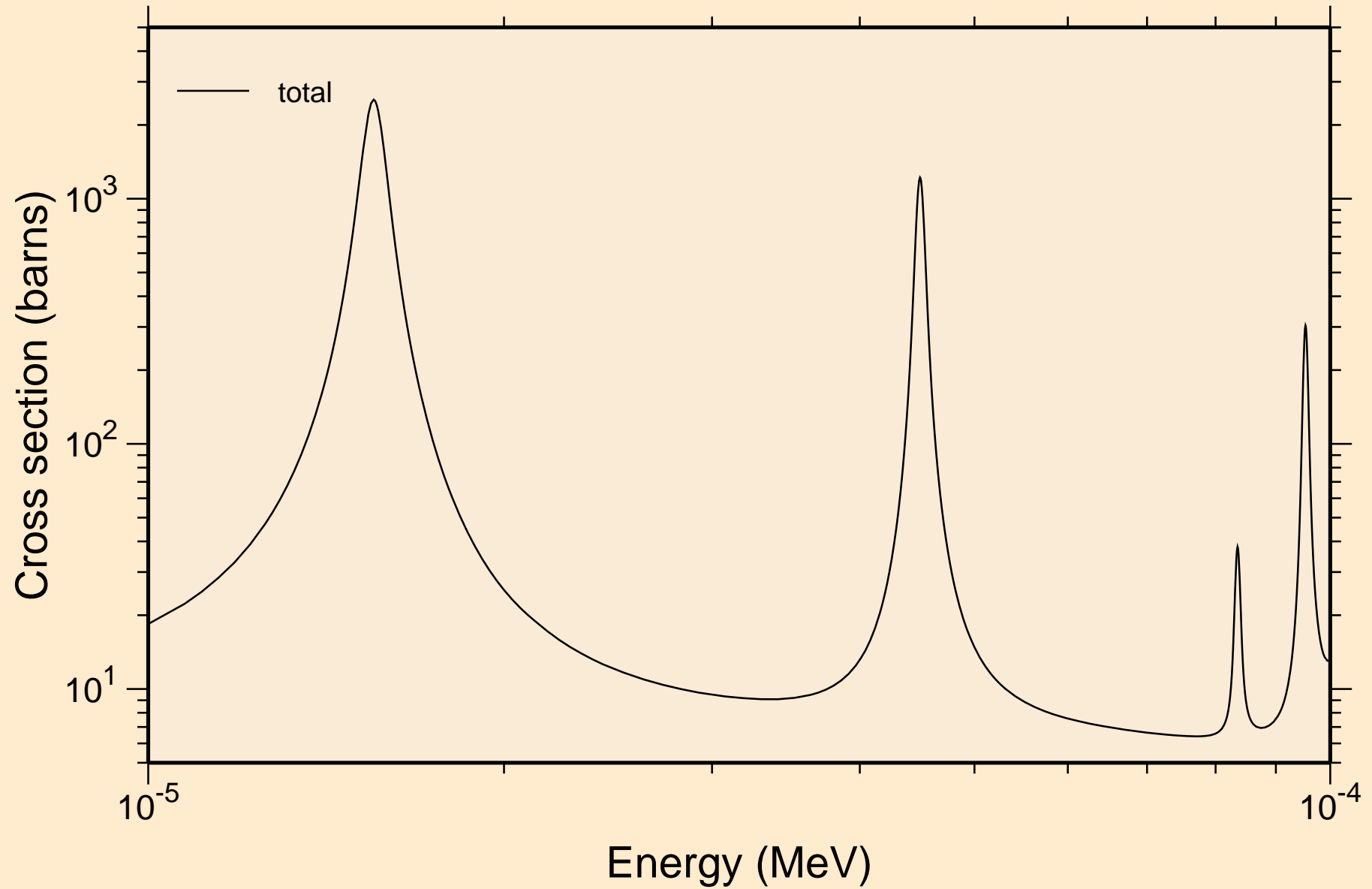


# Y087M NRG TENDL-2015, AKONING

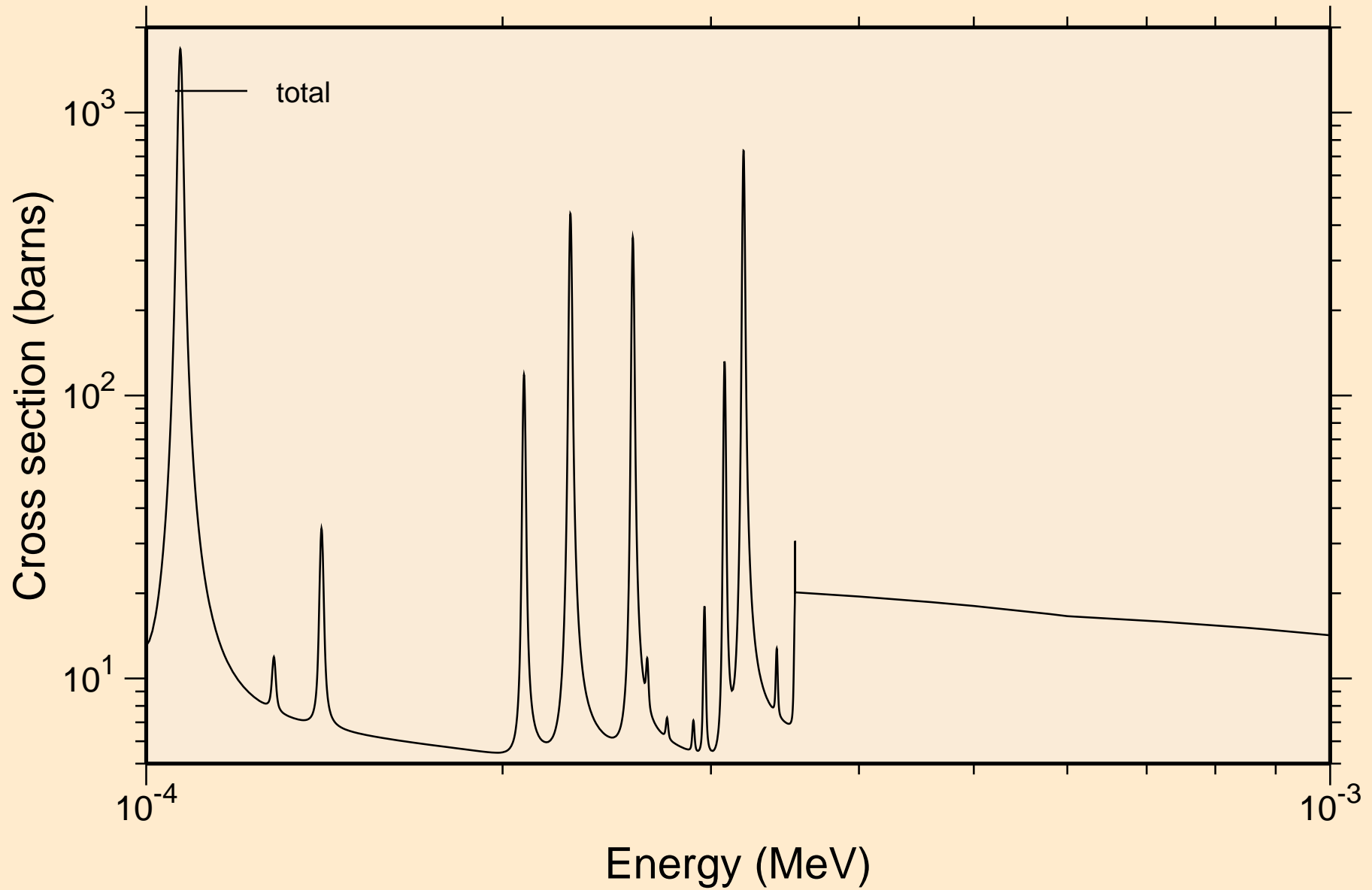
## Principal cross sections



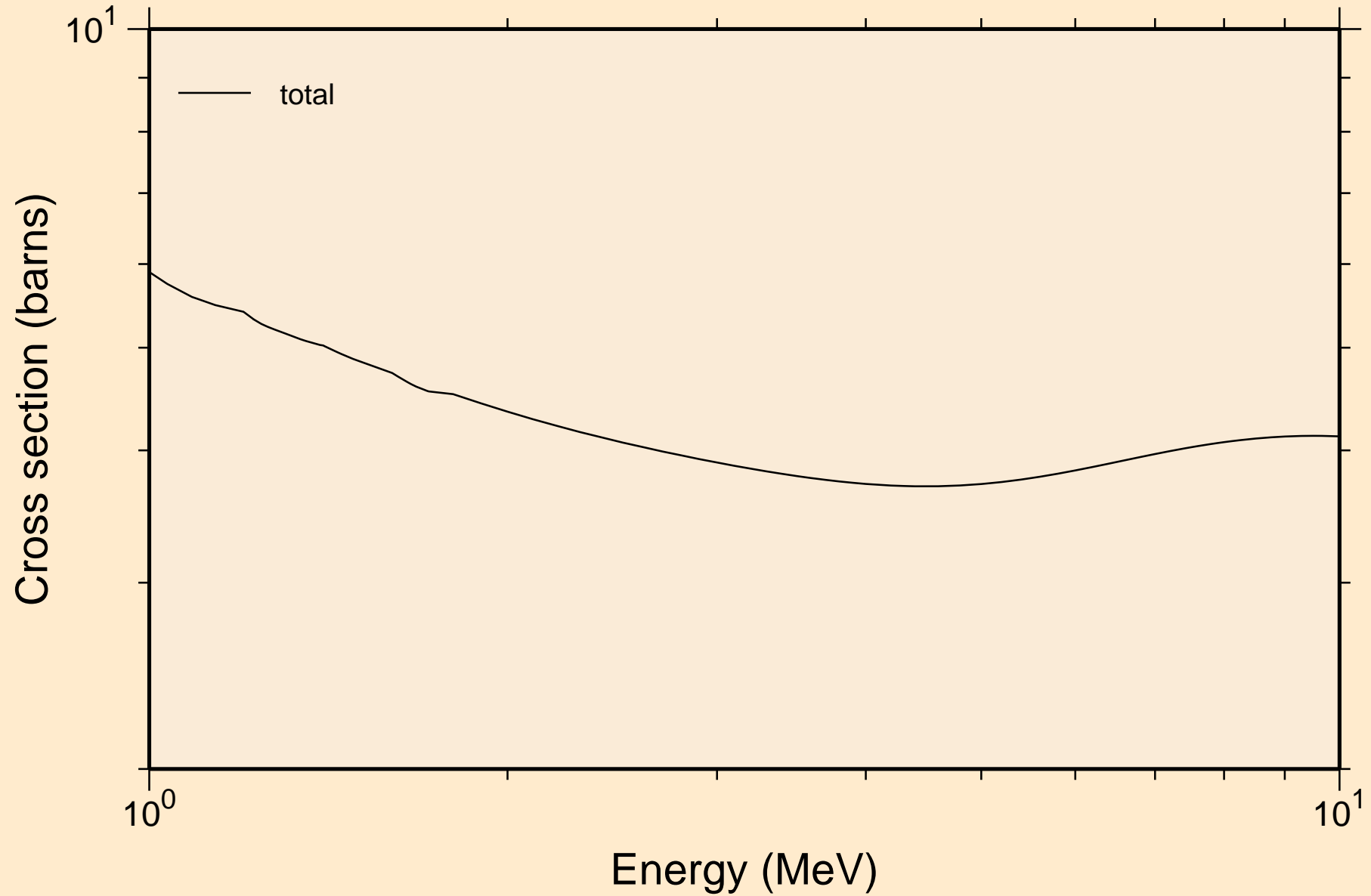
Y087M NRG TENDL-2015, AKONING  
resonance total cross section



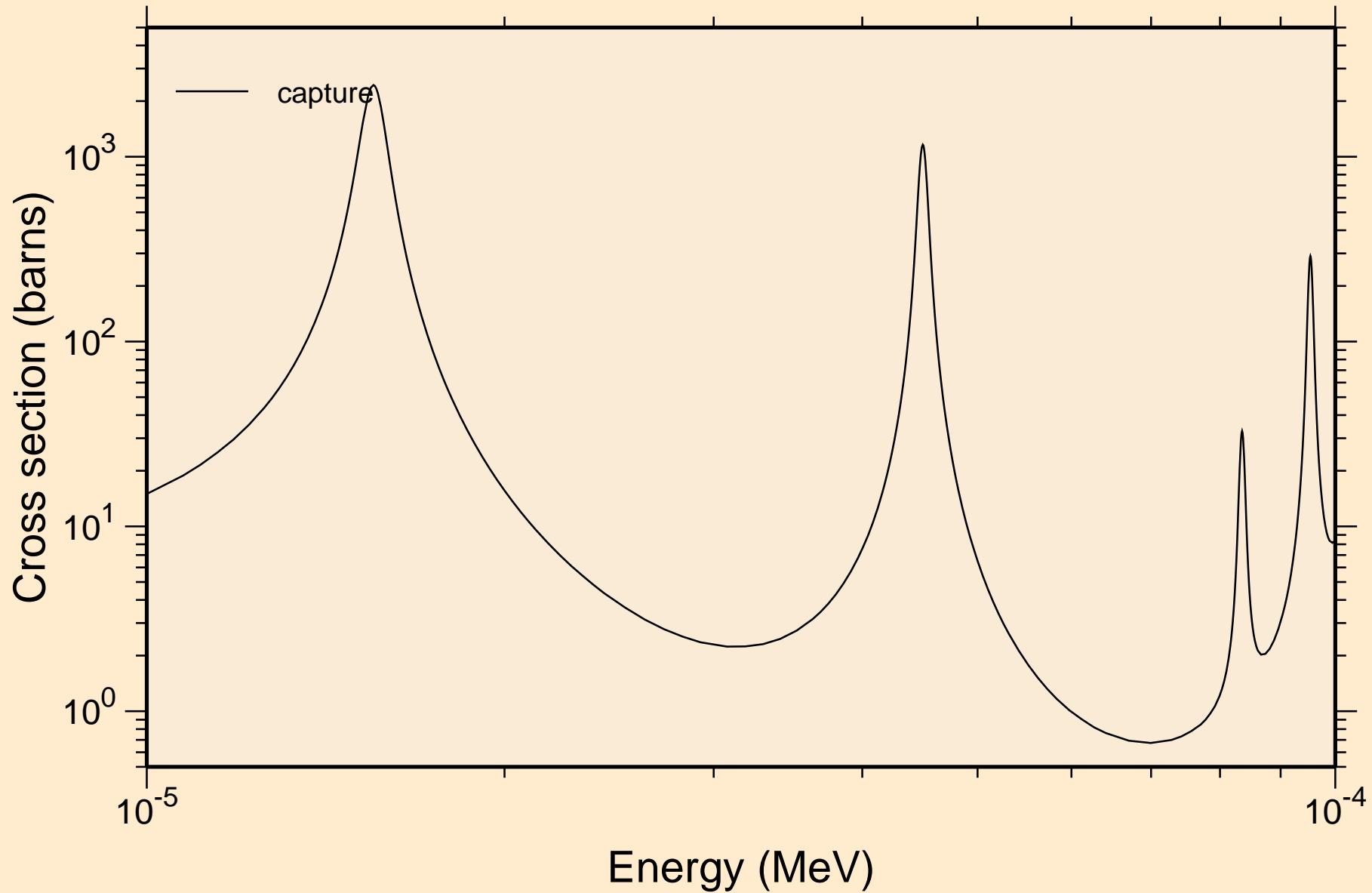
Y087M NRG TENDL-2015, AKONING  
resonance total cross section



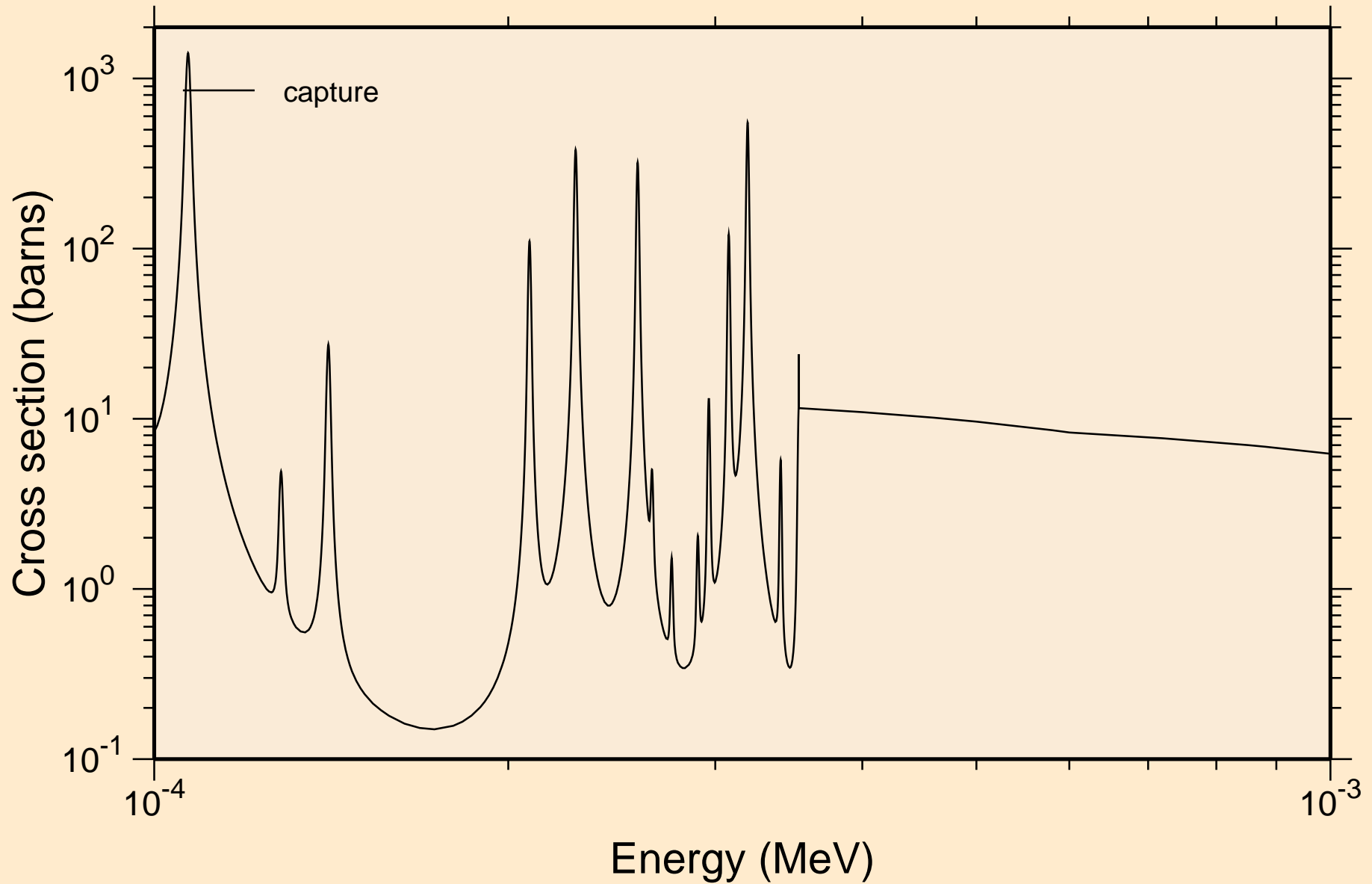
Y087M NRG TENDL-2015, AKONING  
resonance total cross section



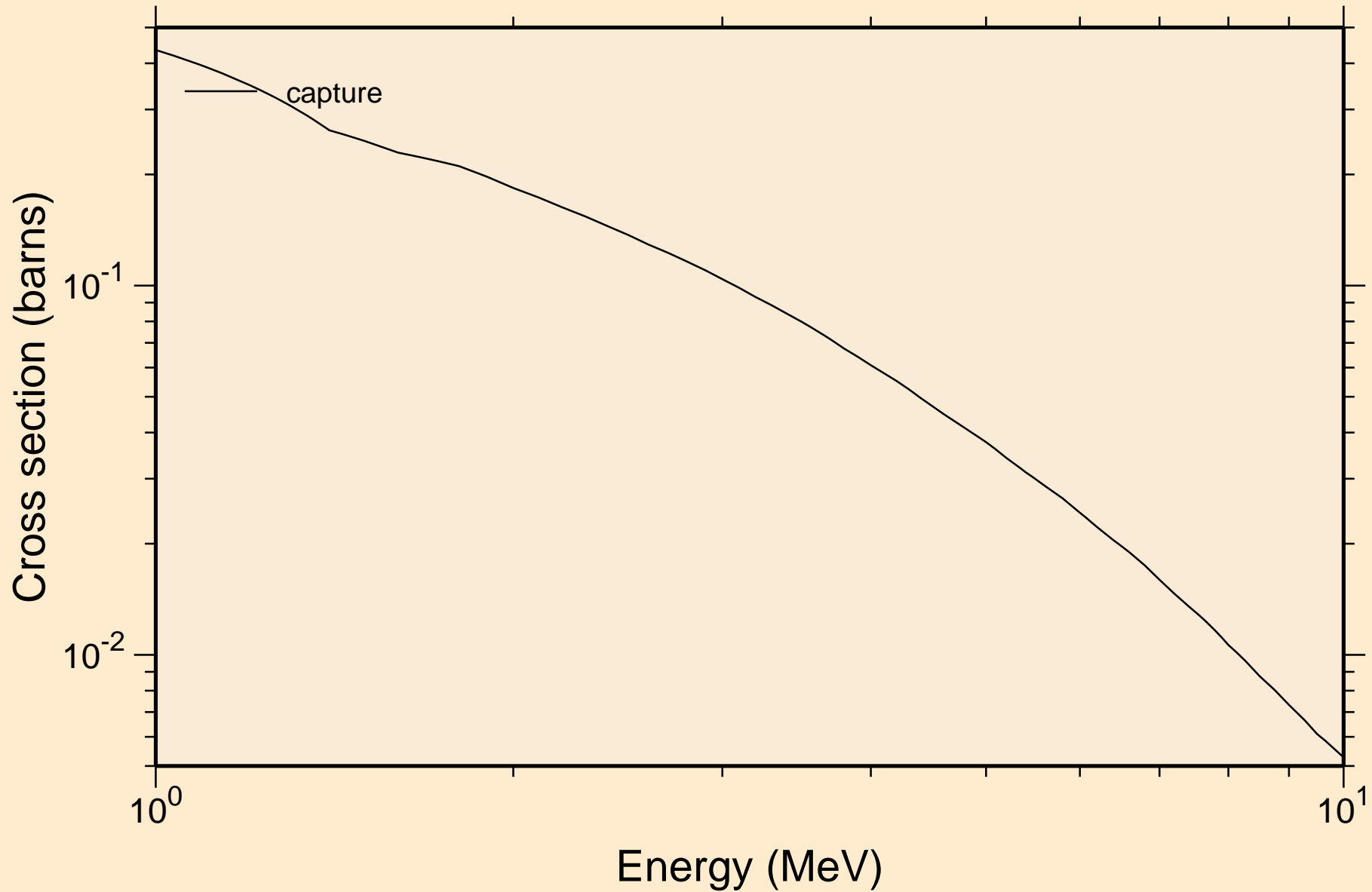
Y087M NRG TENDL-2015, AKONING  
resonance absorption cross sections



Y087M NRG TENDL-2015, AKONING  
resonance absorption cross sections

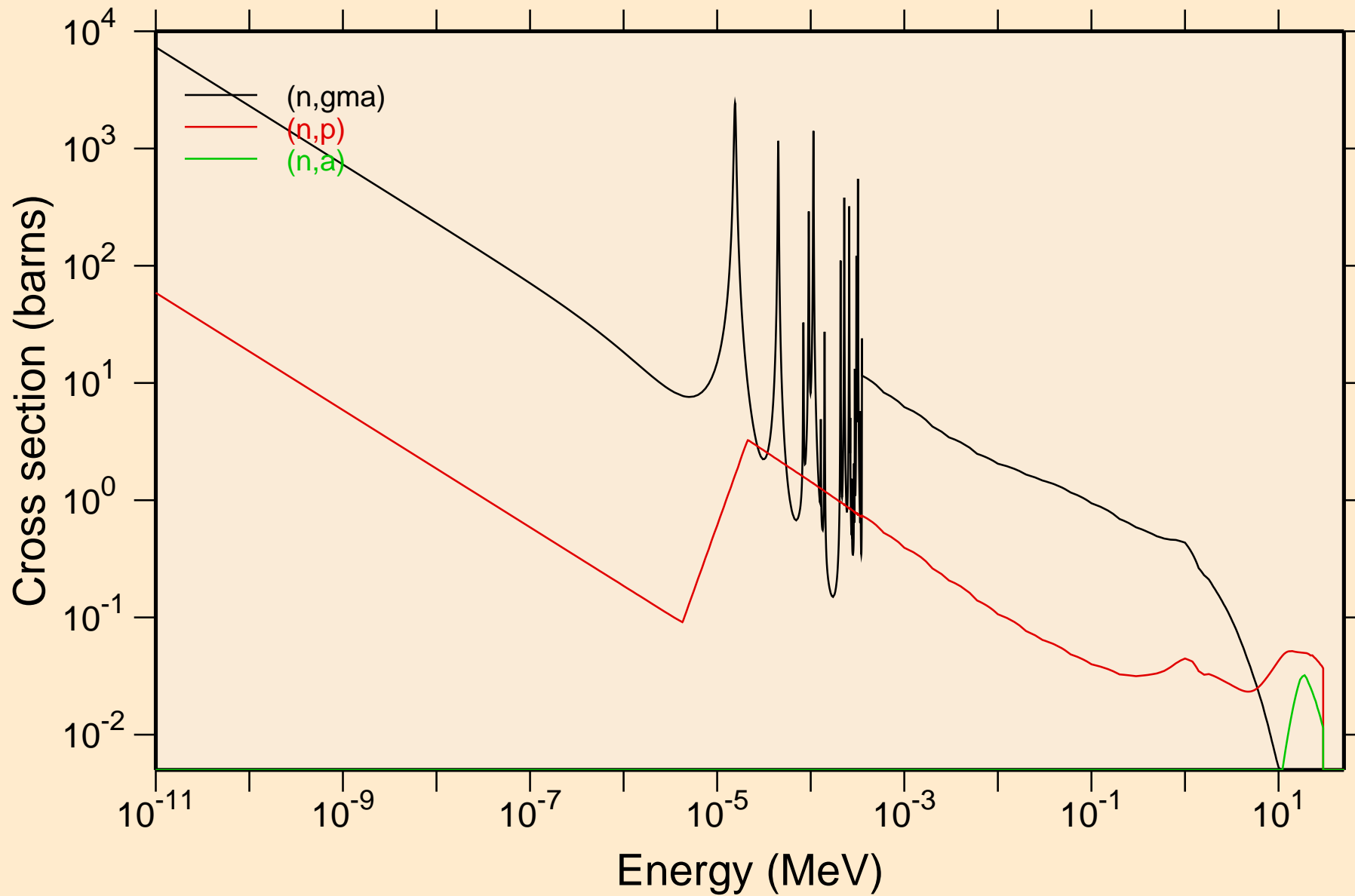


Y087M NRG TENDL-2015, AKONING  
resonance absorption cross sections



# Y087M NRG TENDL-2015, AKONING

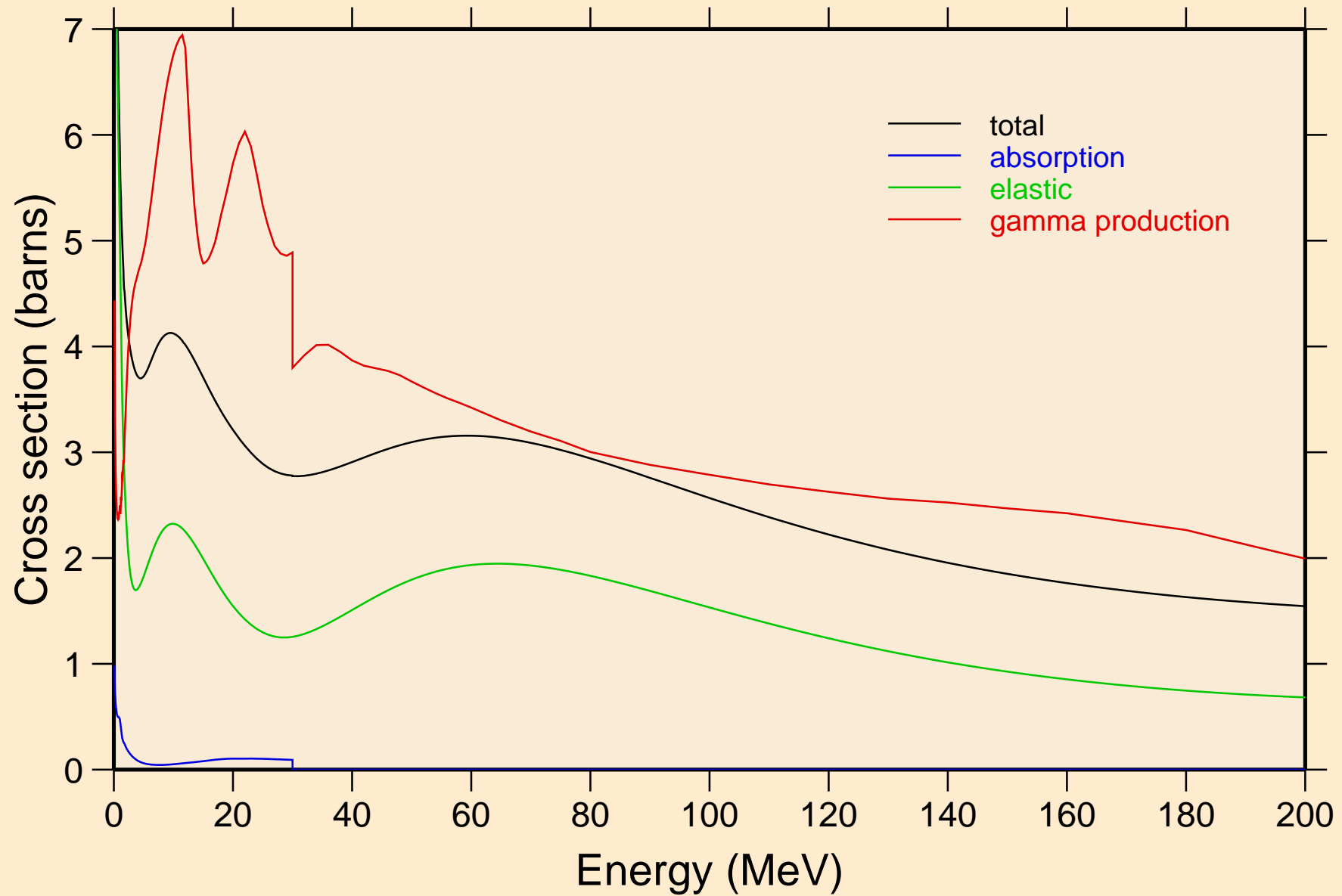
## Non-threshold reactions



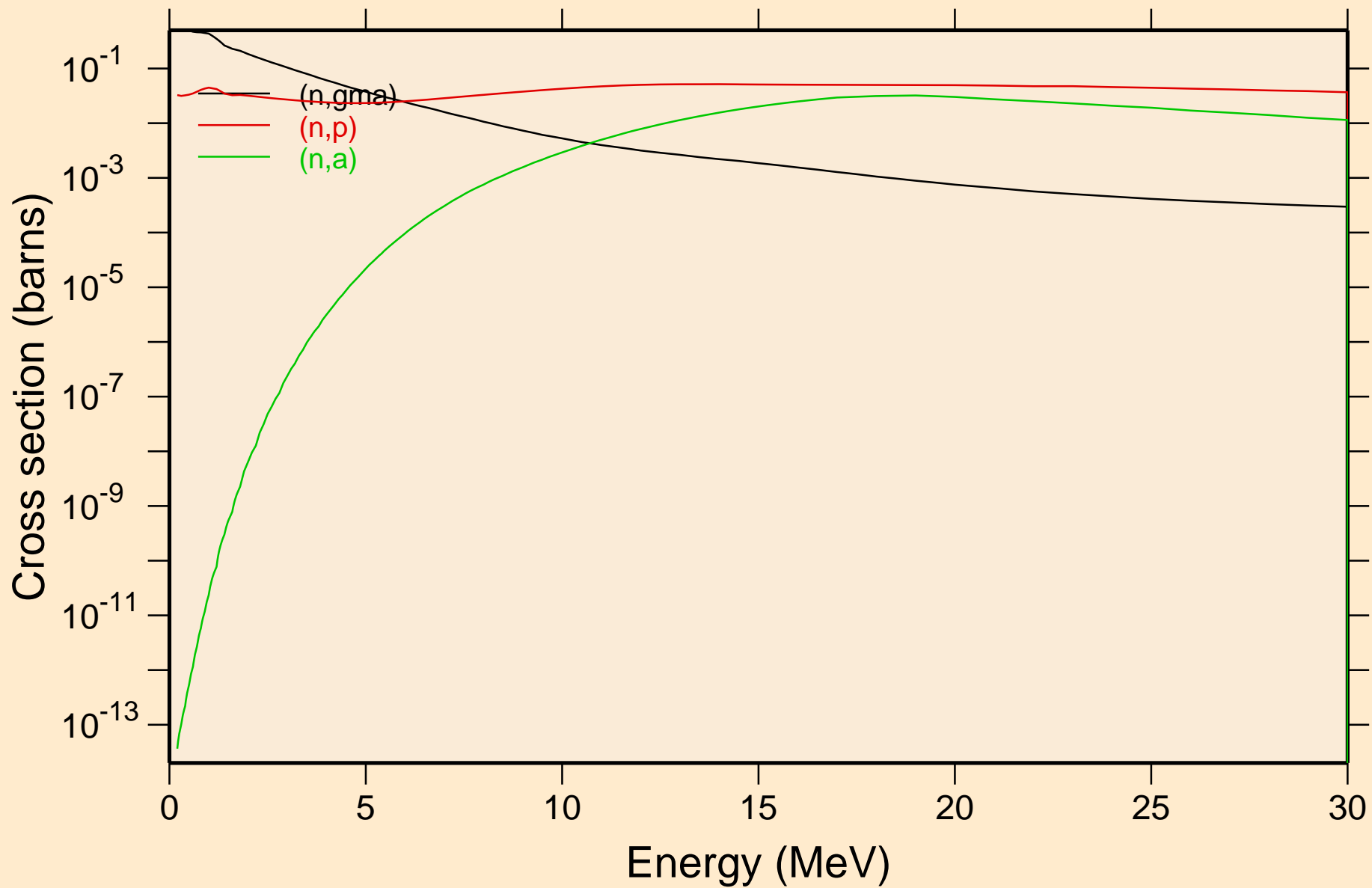


# Y087M NRG TENDL-2015, AKONING

## Principal cross sections

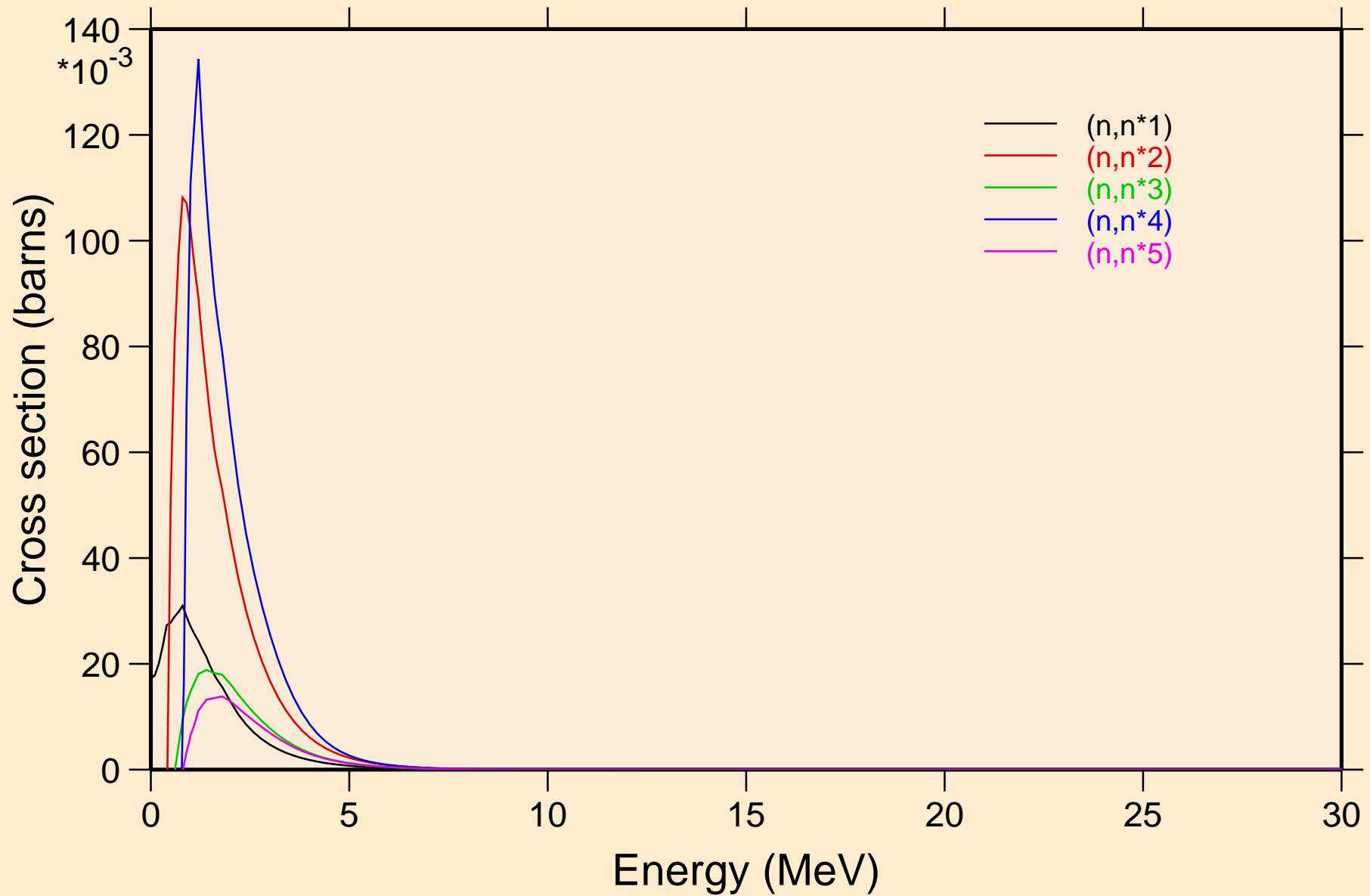


Y087M NRG TENDL-2015, AKONING  
Non-threshold reactions



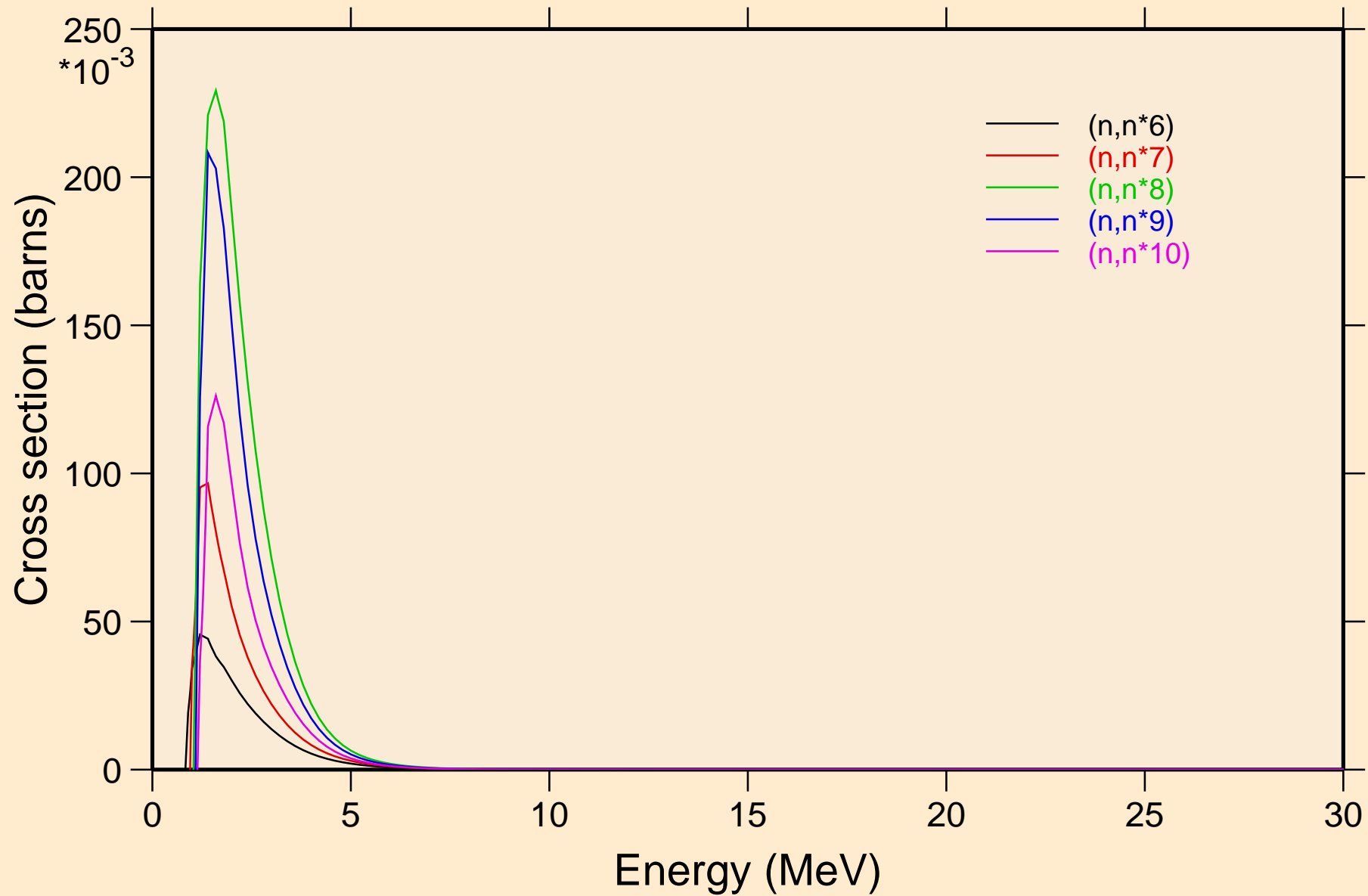
# Y087M NRG TENDL-2015, AKONING

## Inelastic levels



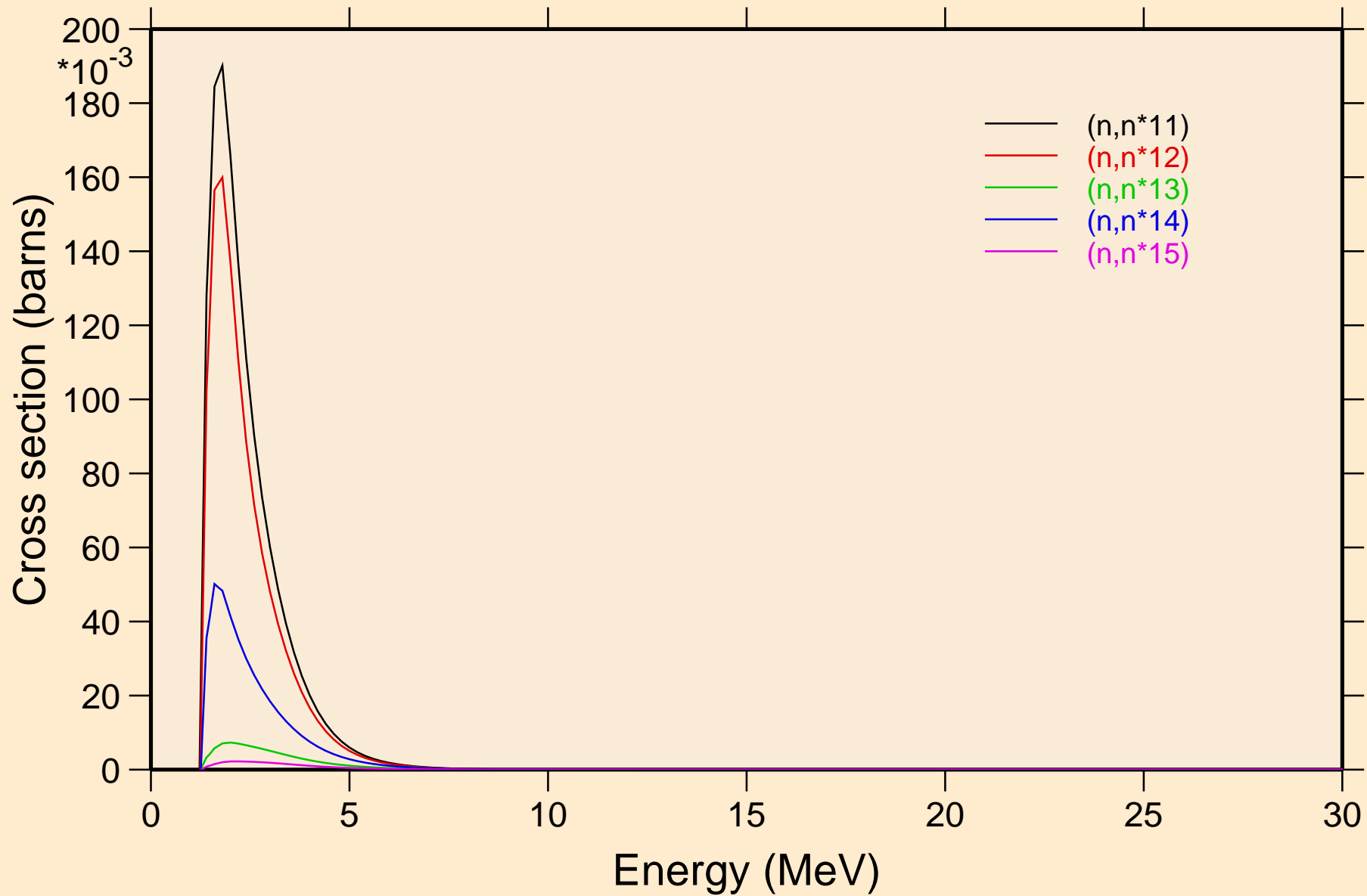
# Y087M NRG TENDL-2015, AKONING

## Inelastic levels



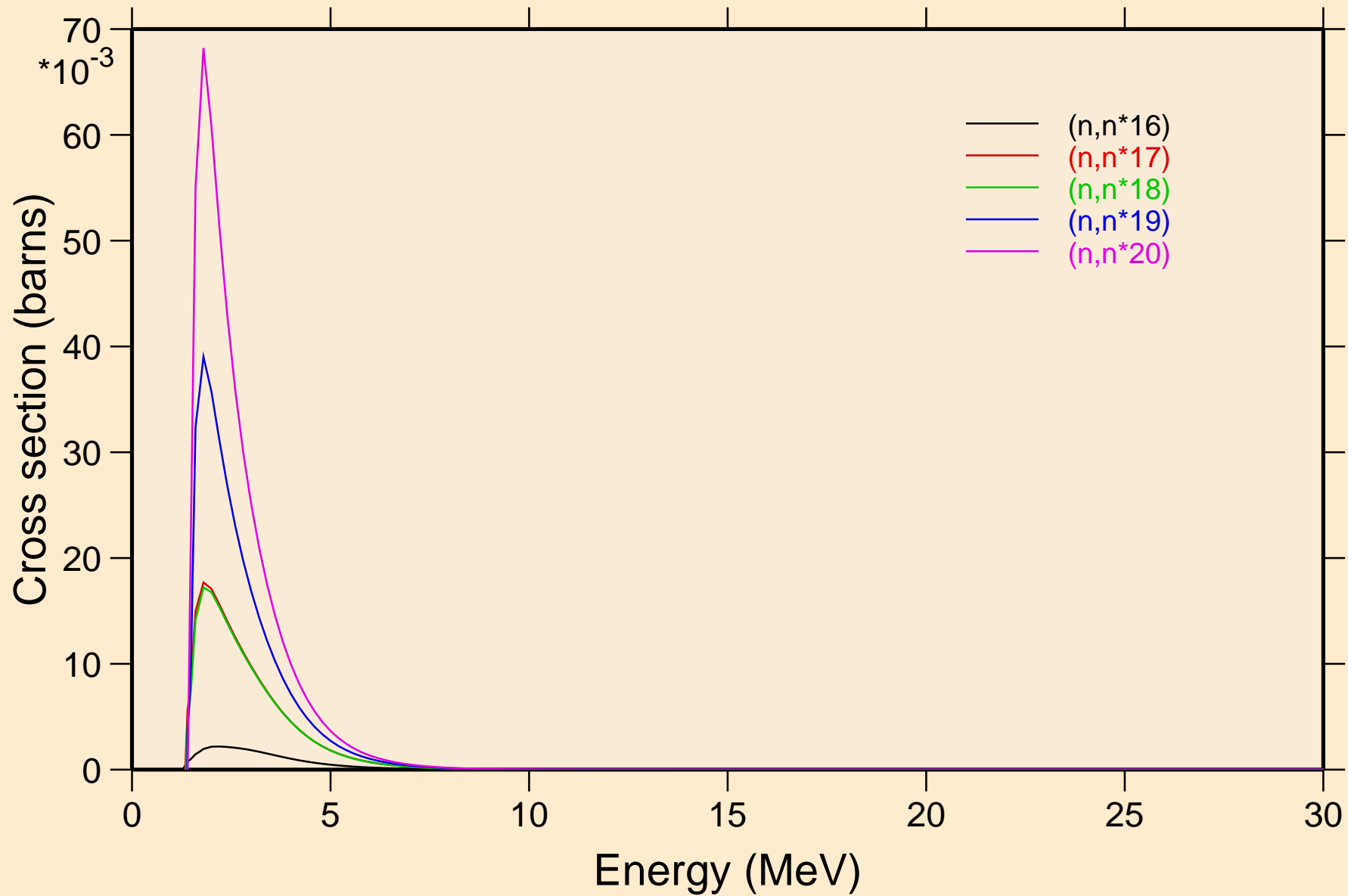
# Y087M NRG TENDL-2015, AKONING

## Inelastic levels



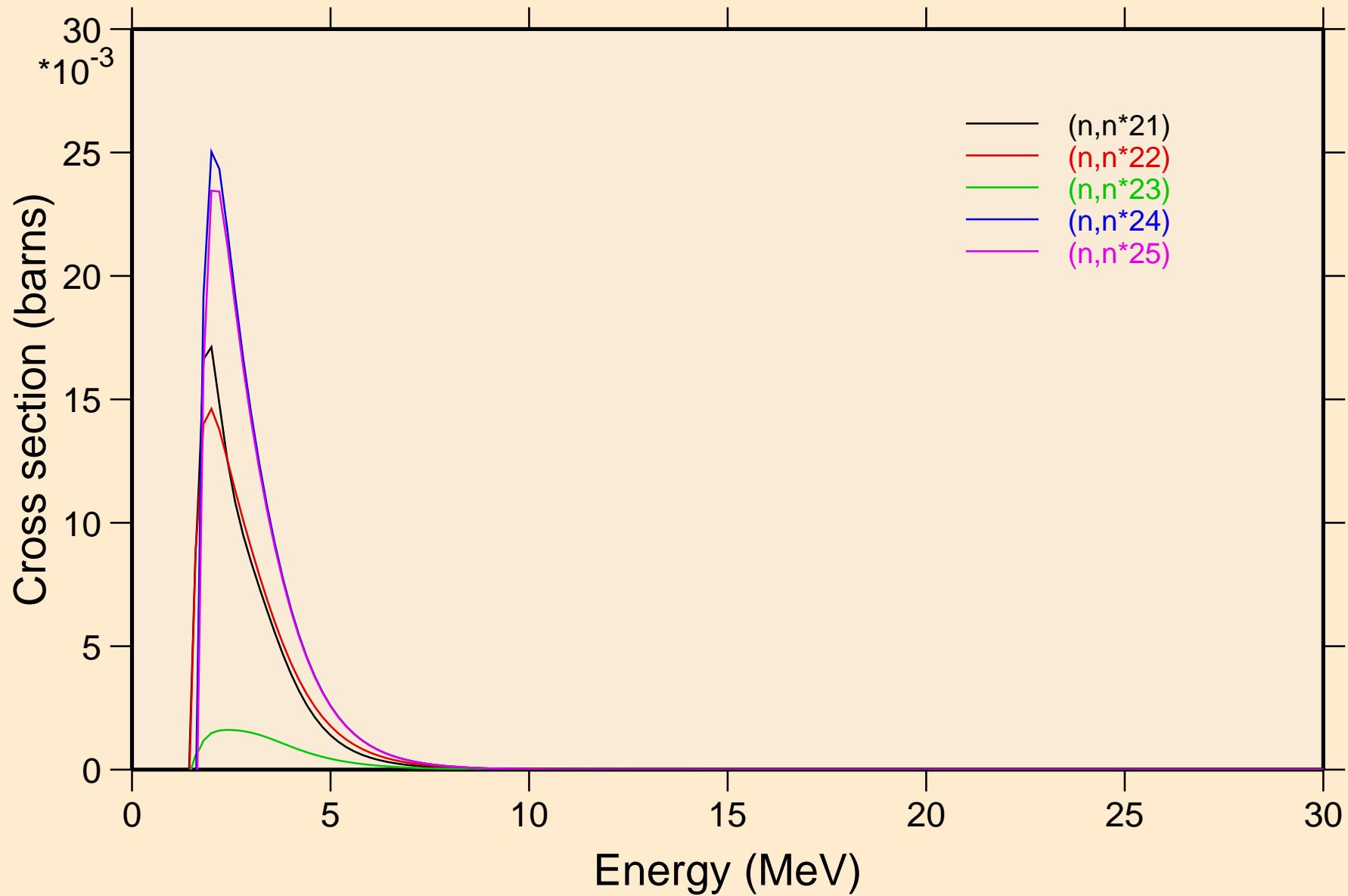
# Y087M NRG TENDL-2015, AKONING

## Inelastic levels



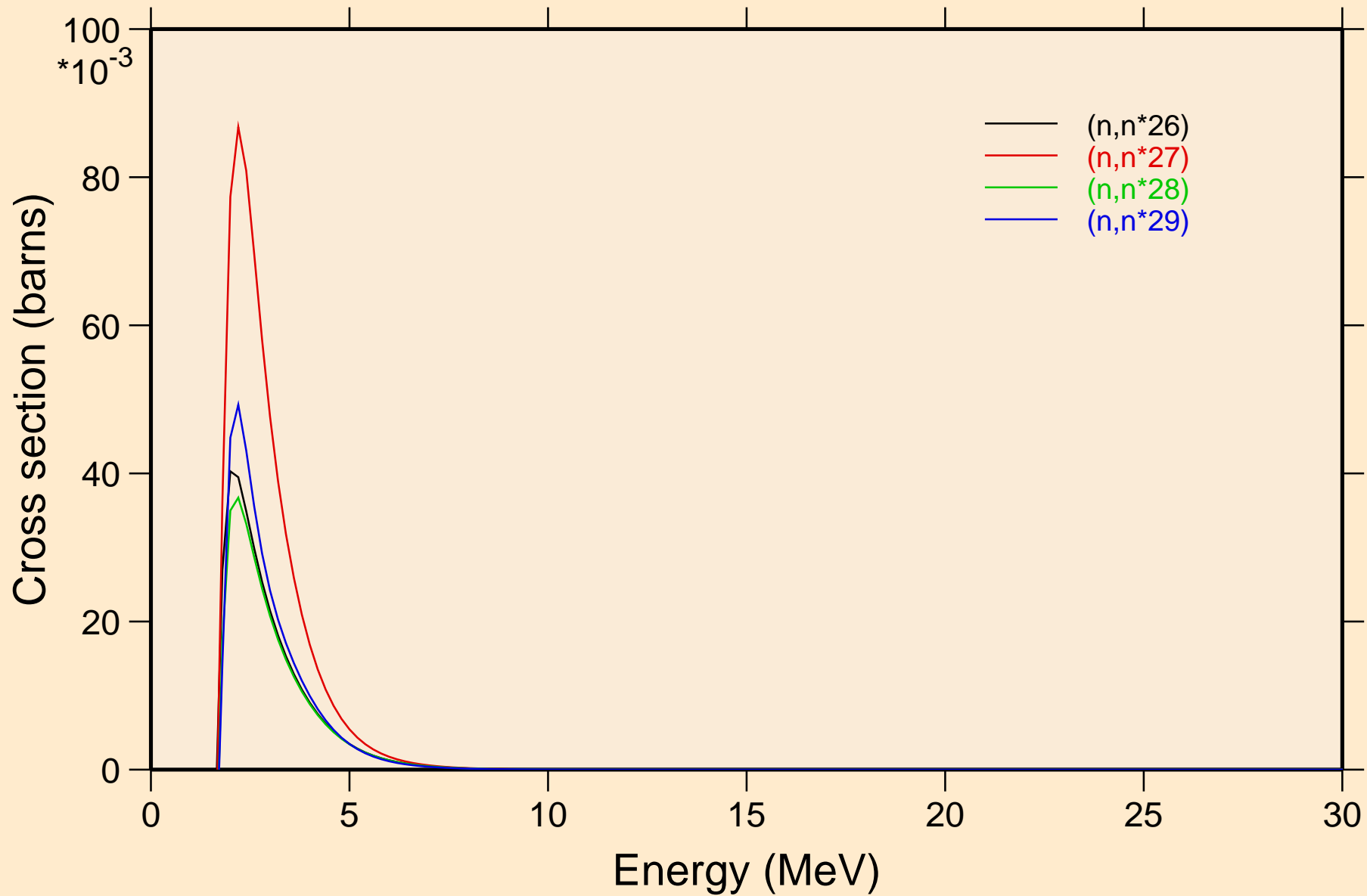
# Y087M NRG TENDL-2015, AKONING

## Inelastic levels



# Y087M NRG TENDL-2015, AKONING

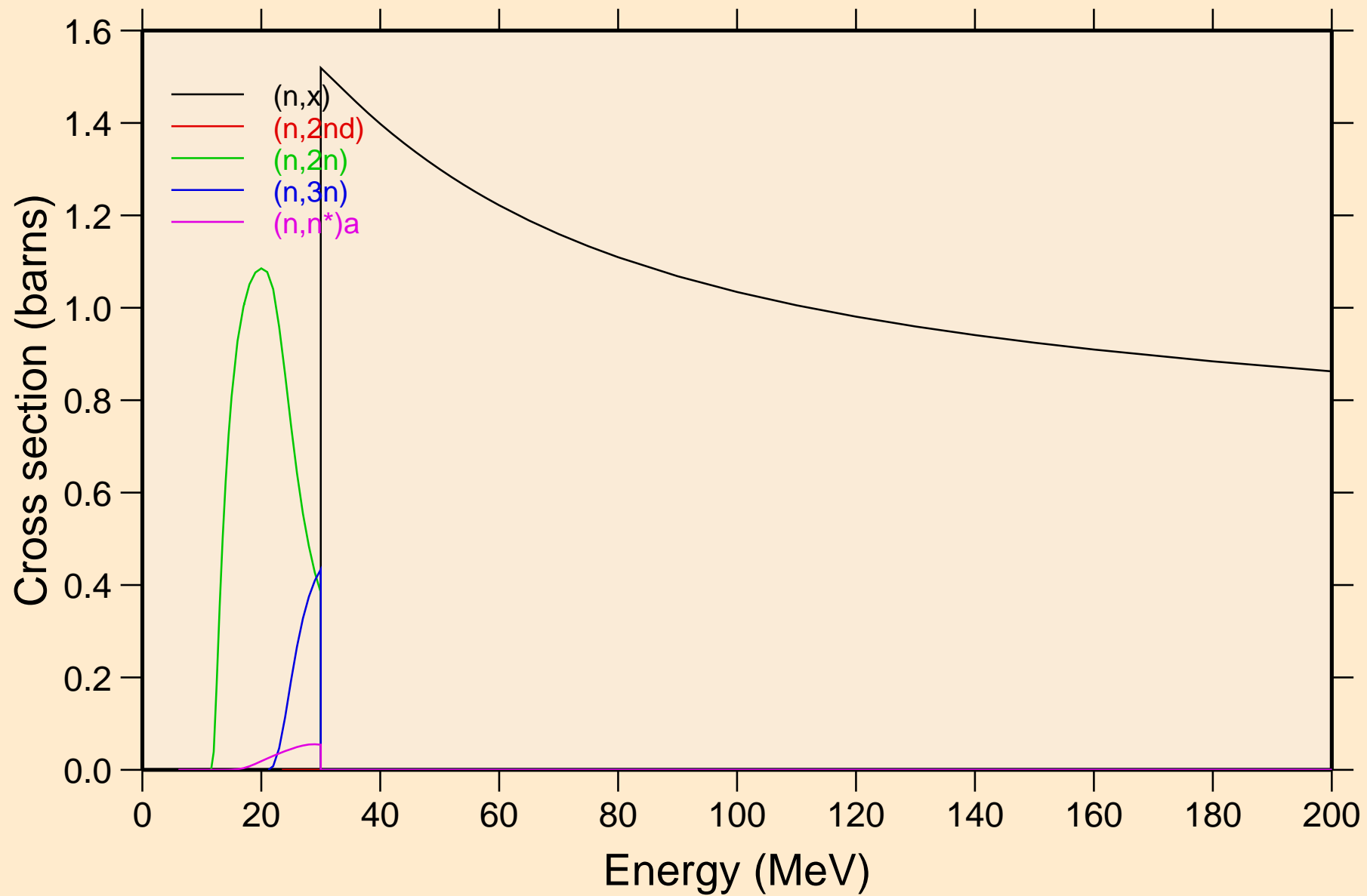
## Inelastic levels





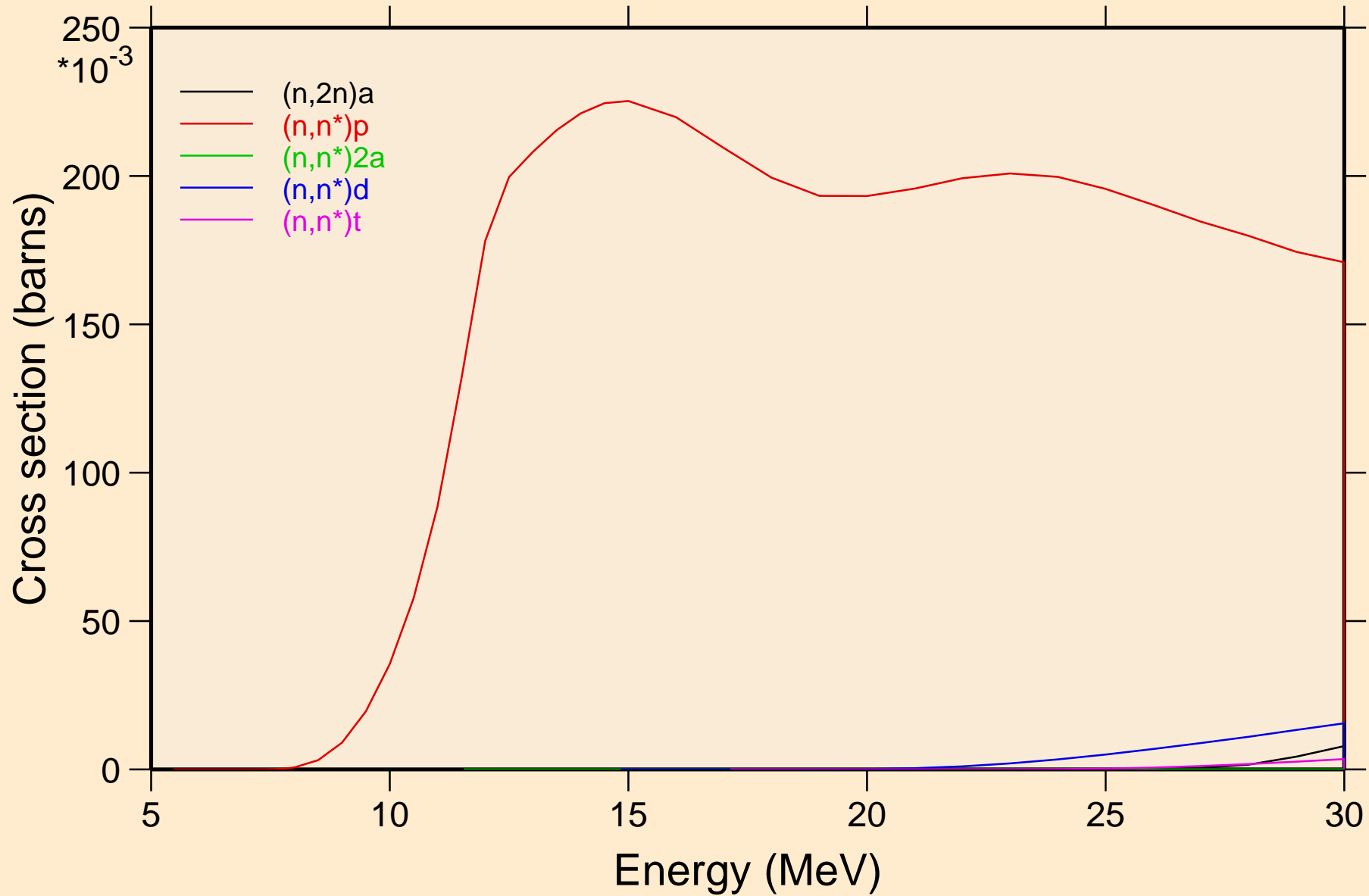
# Y087M NRG TENDL-2015, AKONING

## Threshold reactions



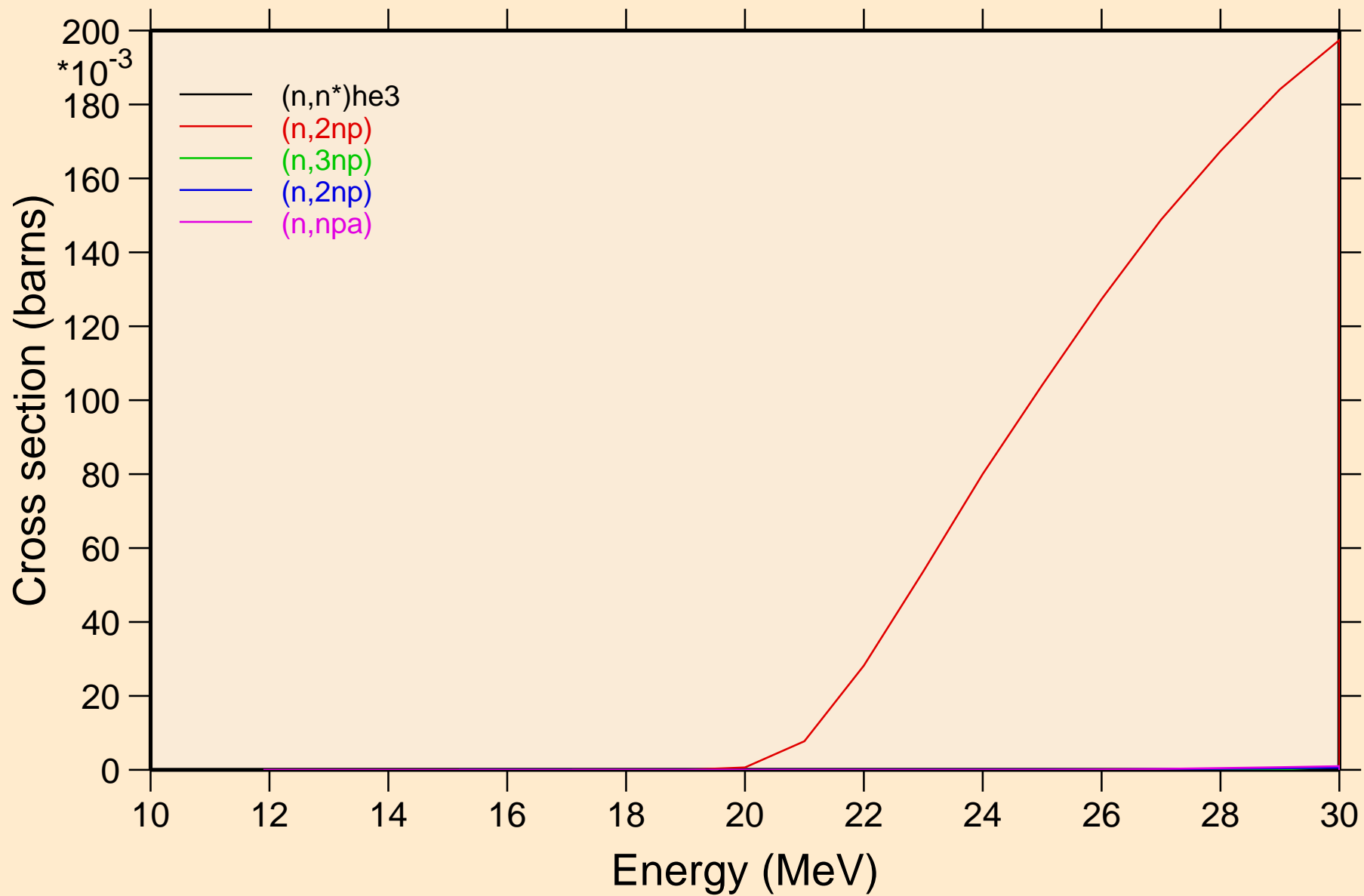
# Y087M NRG TENDL-2015, AKONING

## Threshold reactions



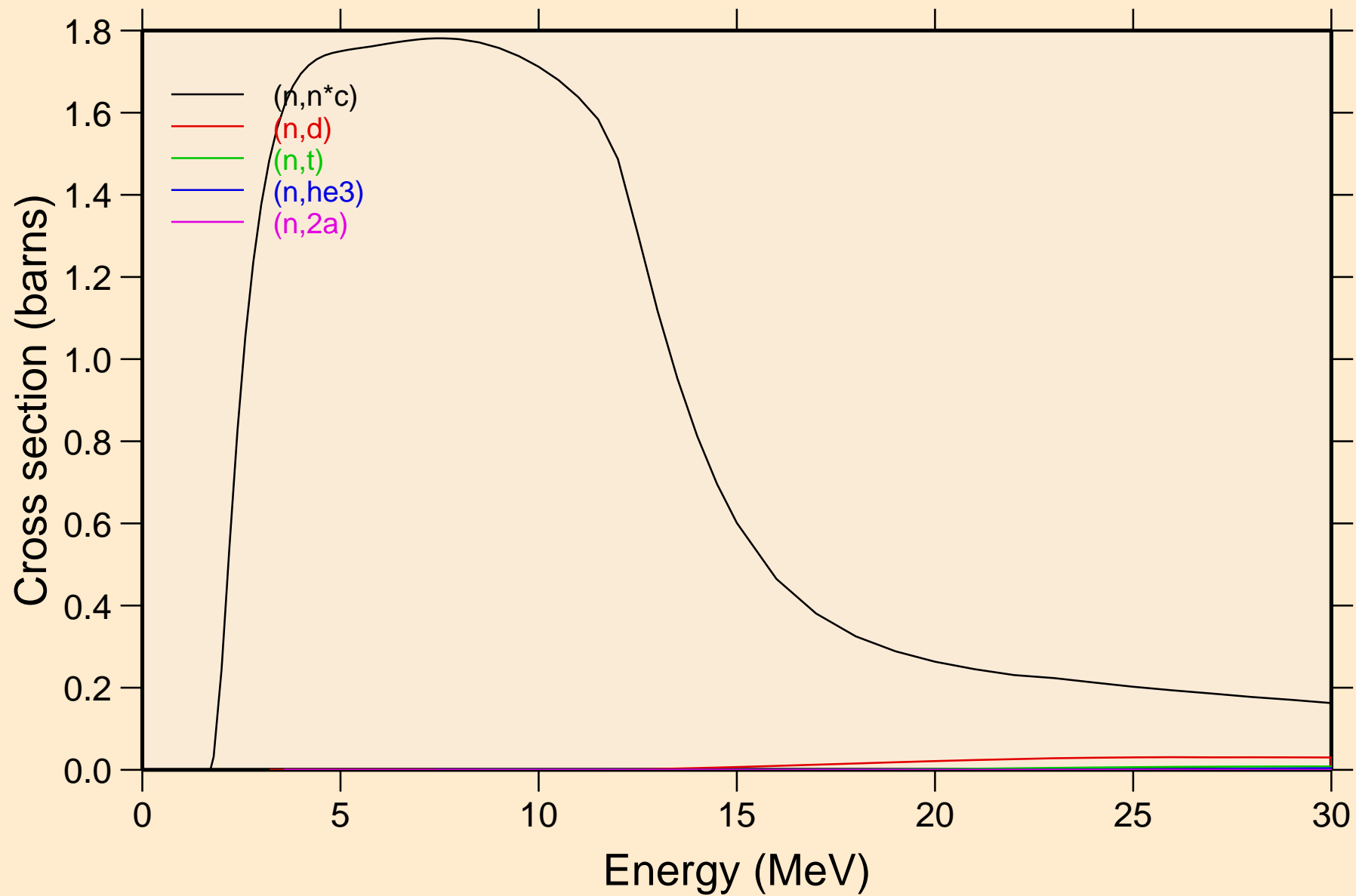
# Y087M NRG TENDL-2015, AKONING

## Threshold reactions



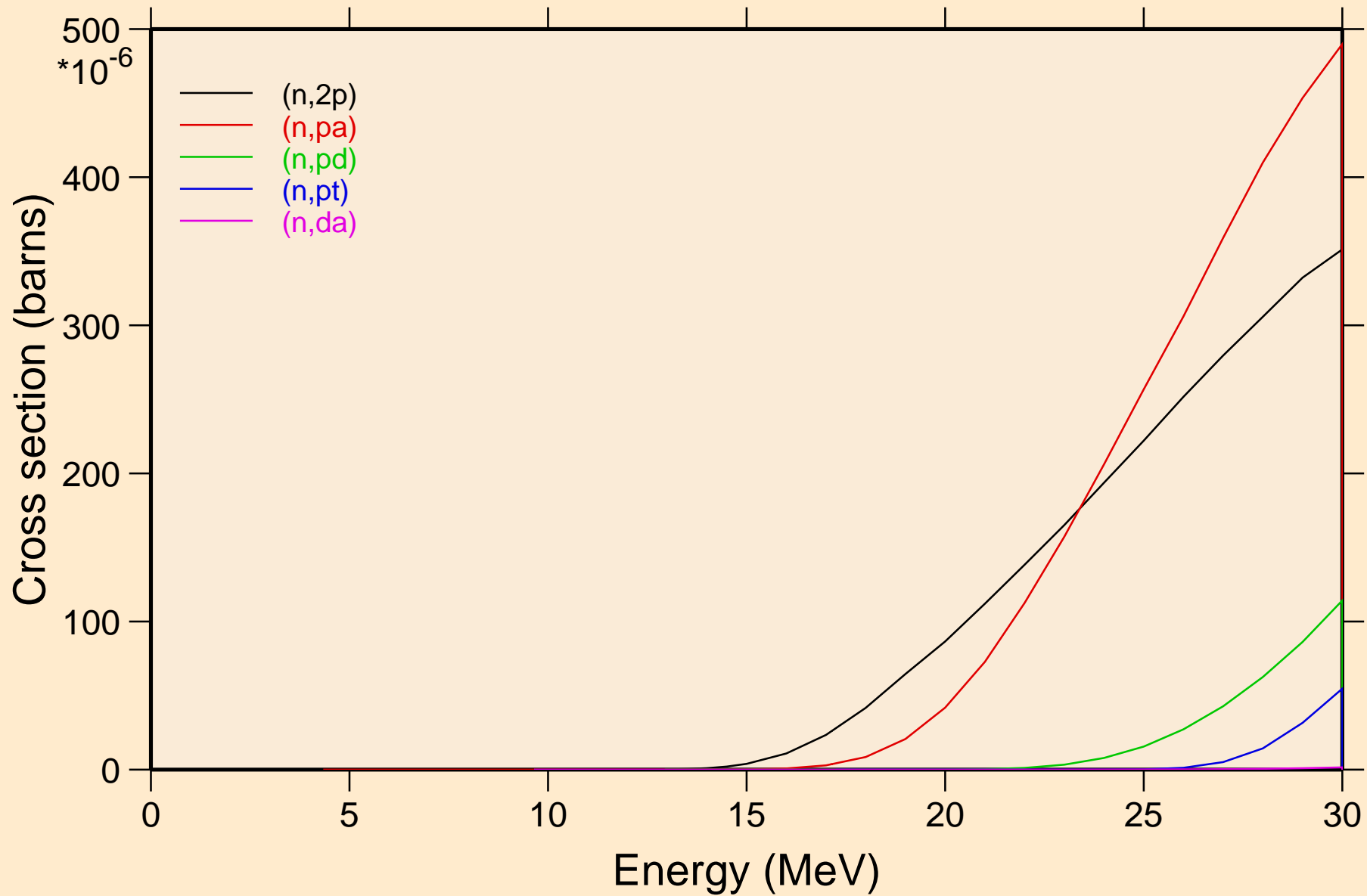
# Y087M NRG TENDL-2015, AKONING

## Threshold reactions

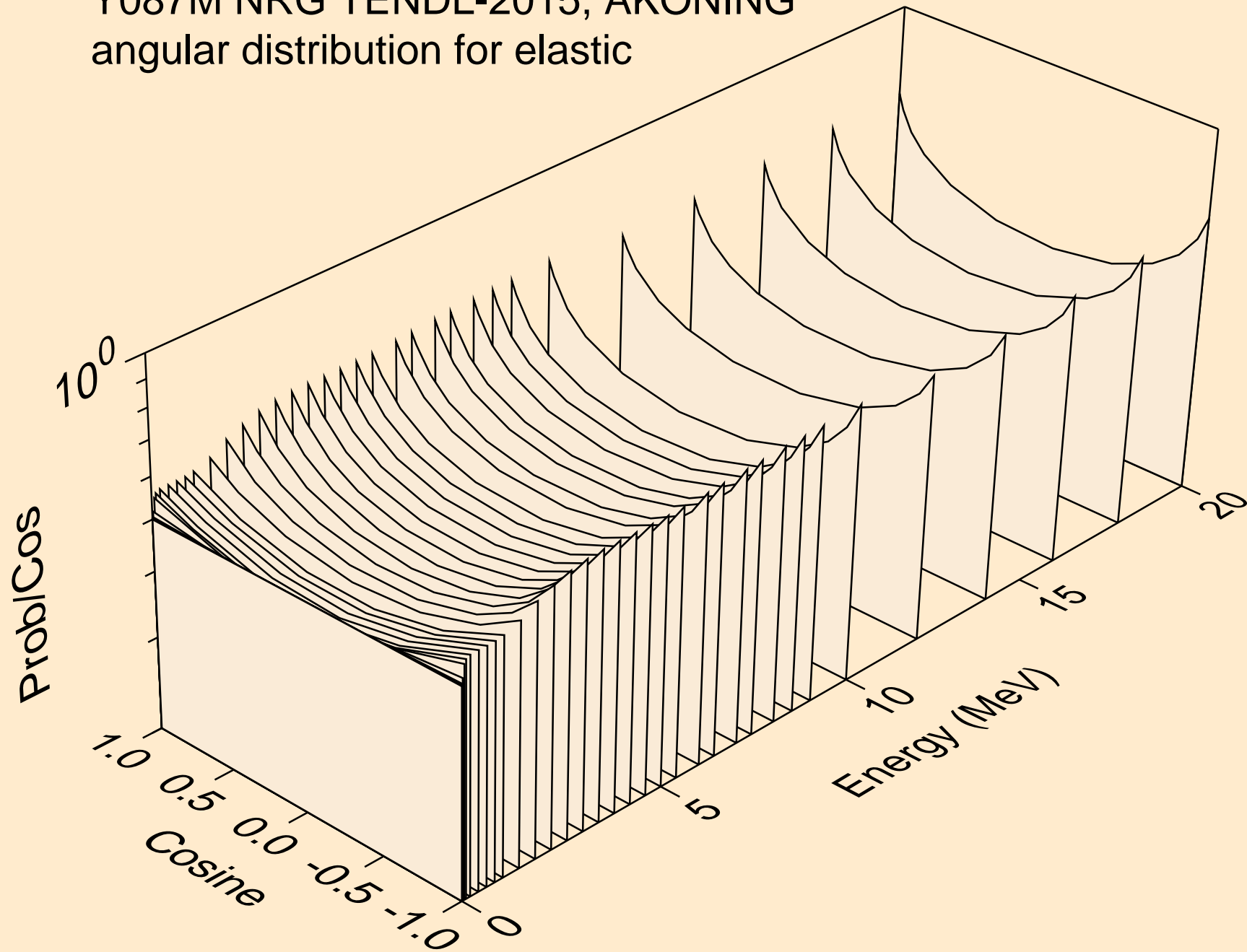


# Y087M NRG TENDL-2015, AKONING

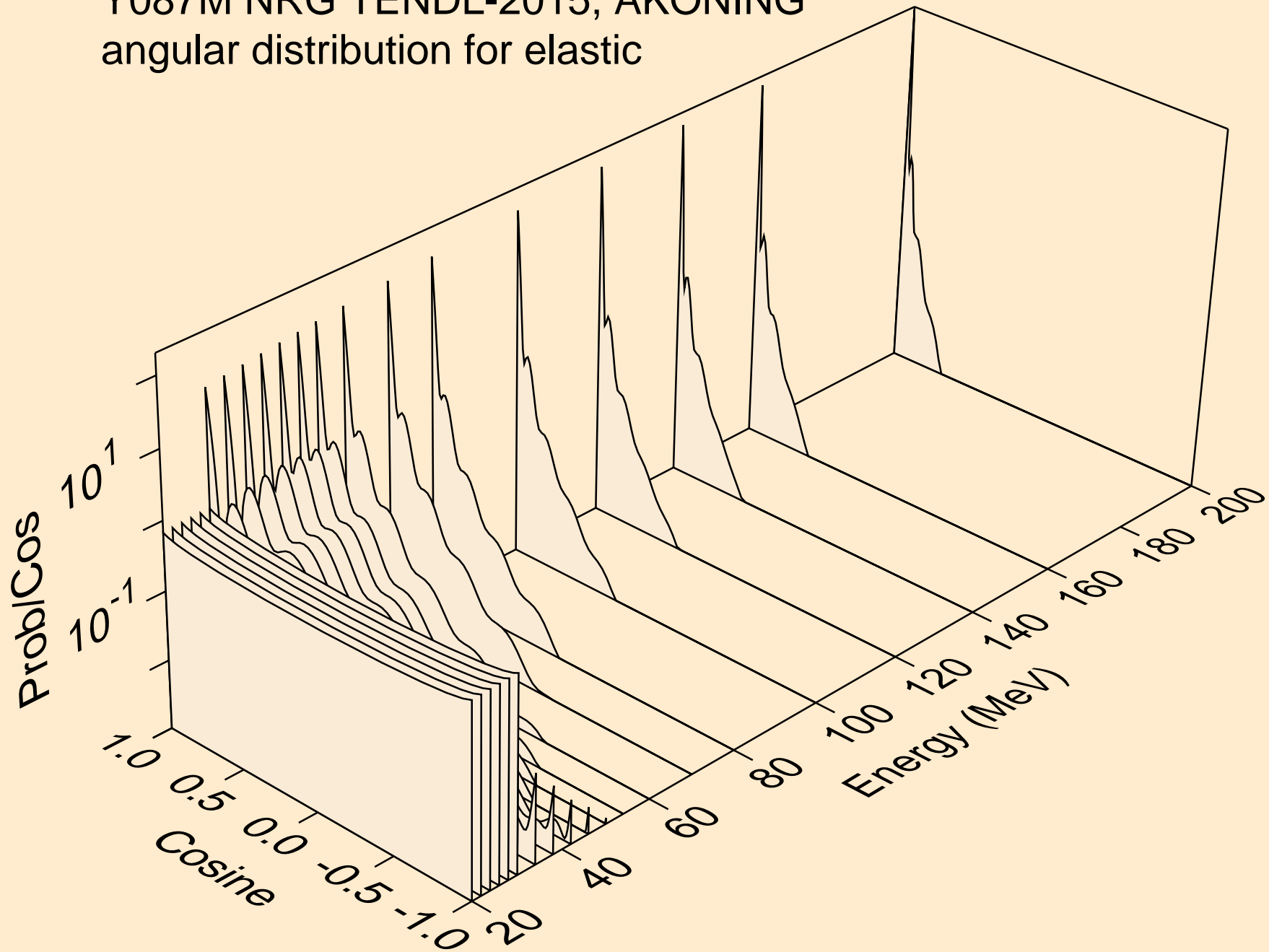
## Threshold reactions



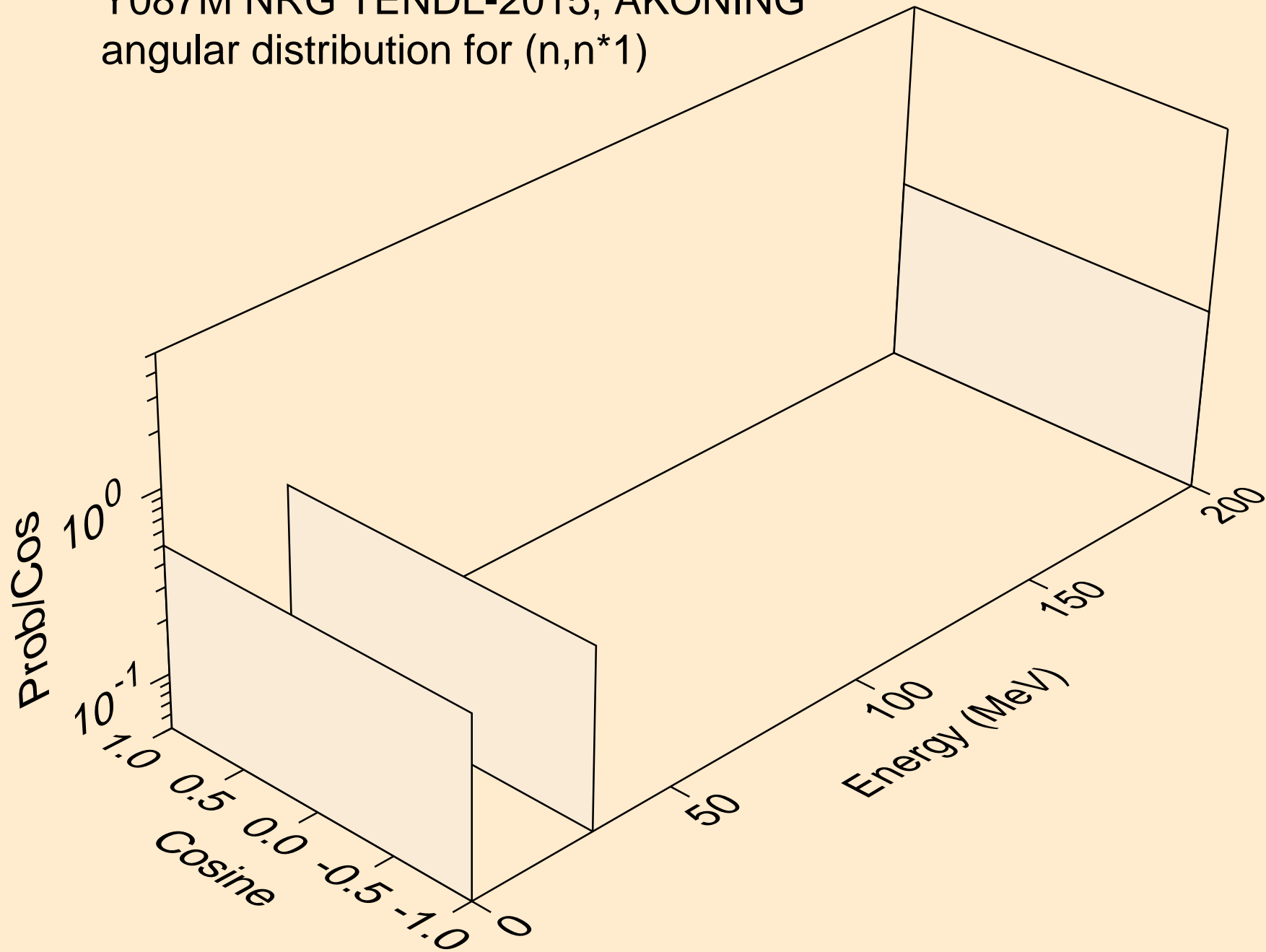
Y087M NRG TENDL-2015, AKONING  
angular distribution for elastic



Y087M NRG TENDL-2015, AKONING  
angular distribution for elastic

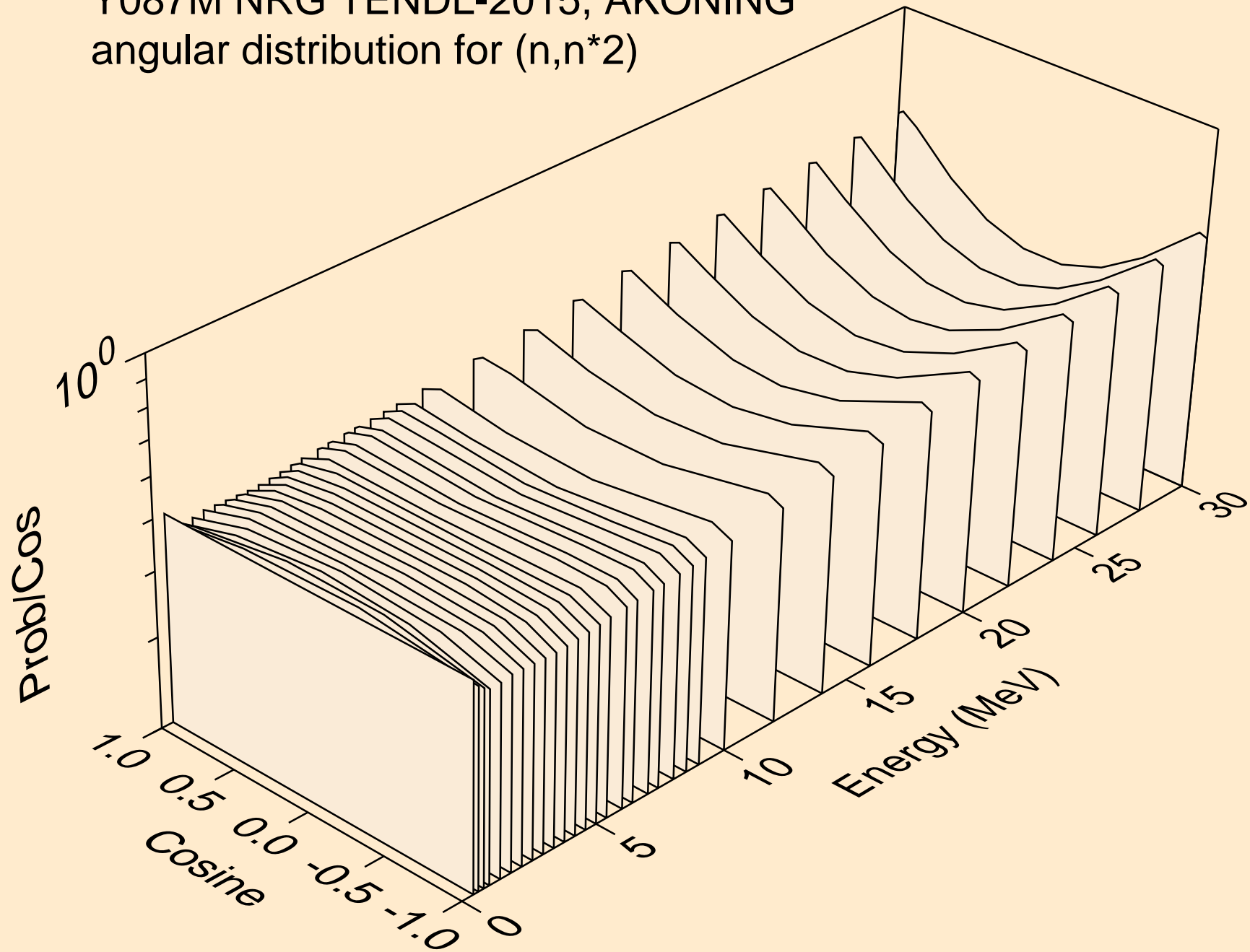


Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

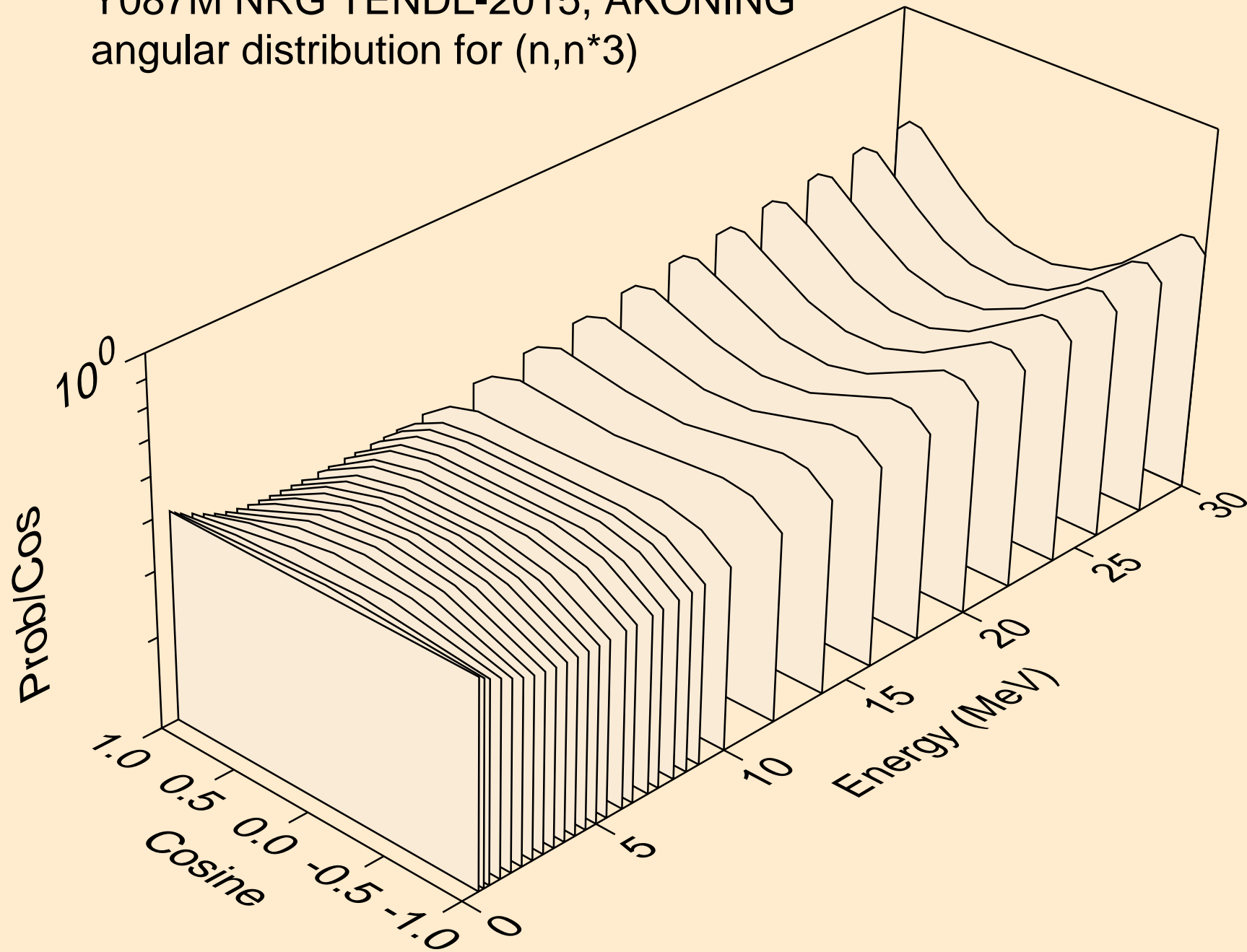




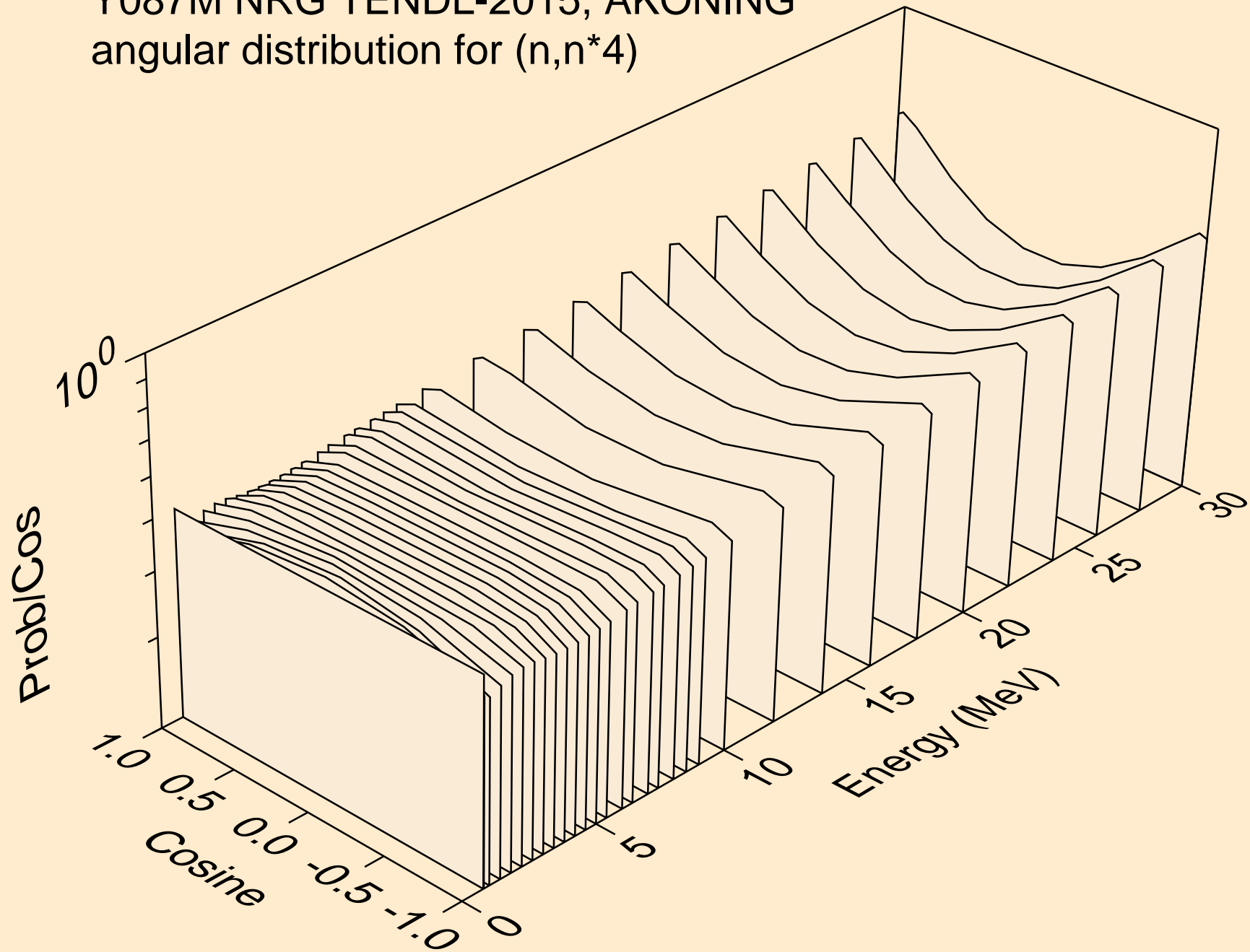
Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



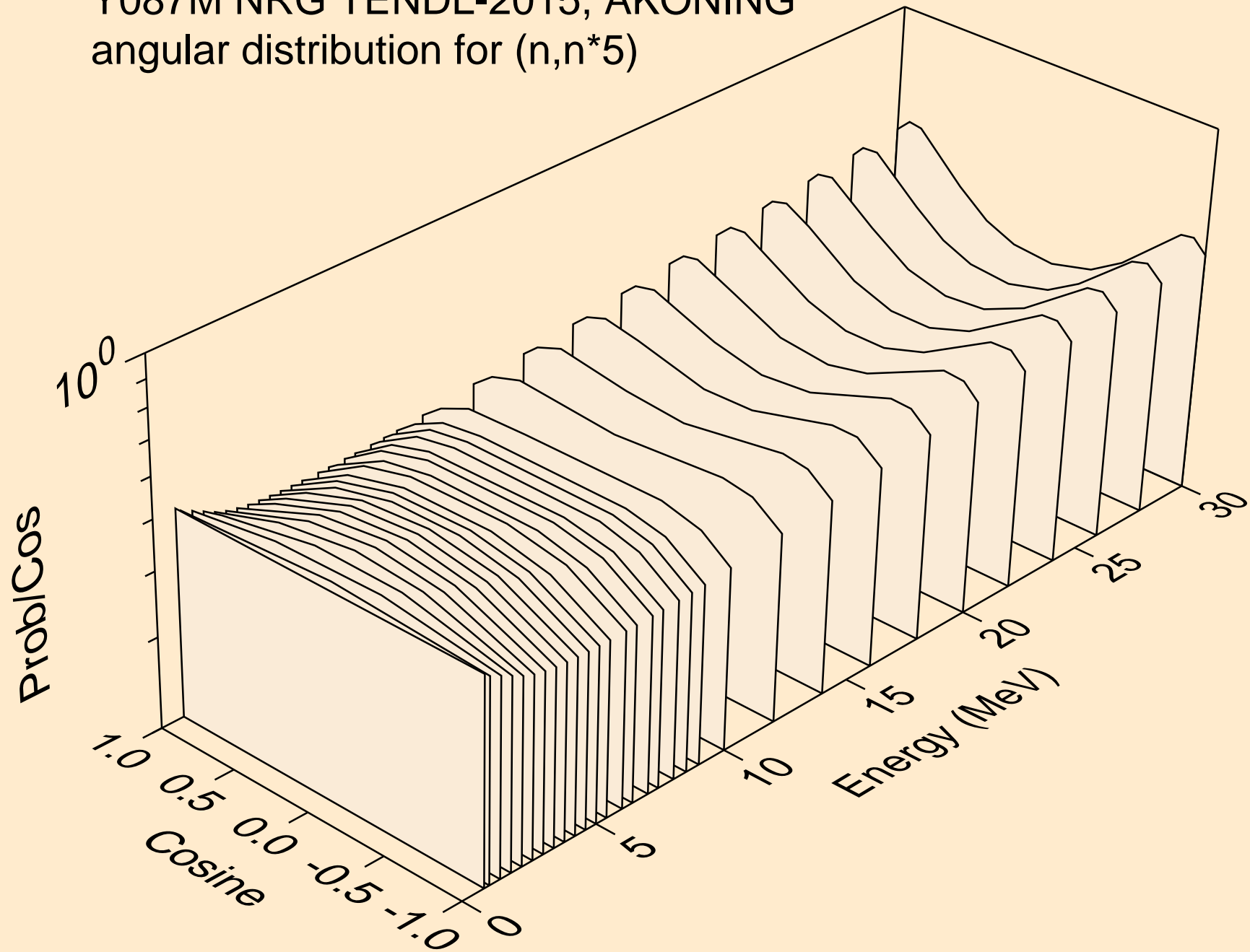
Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



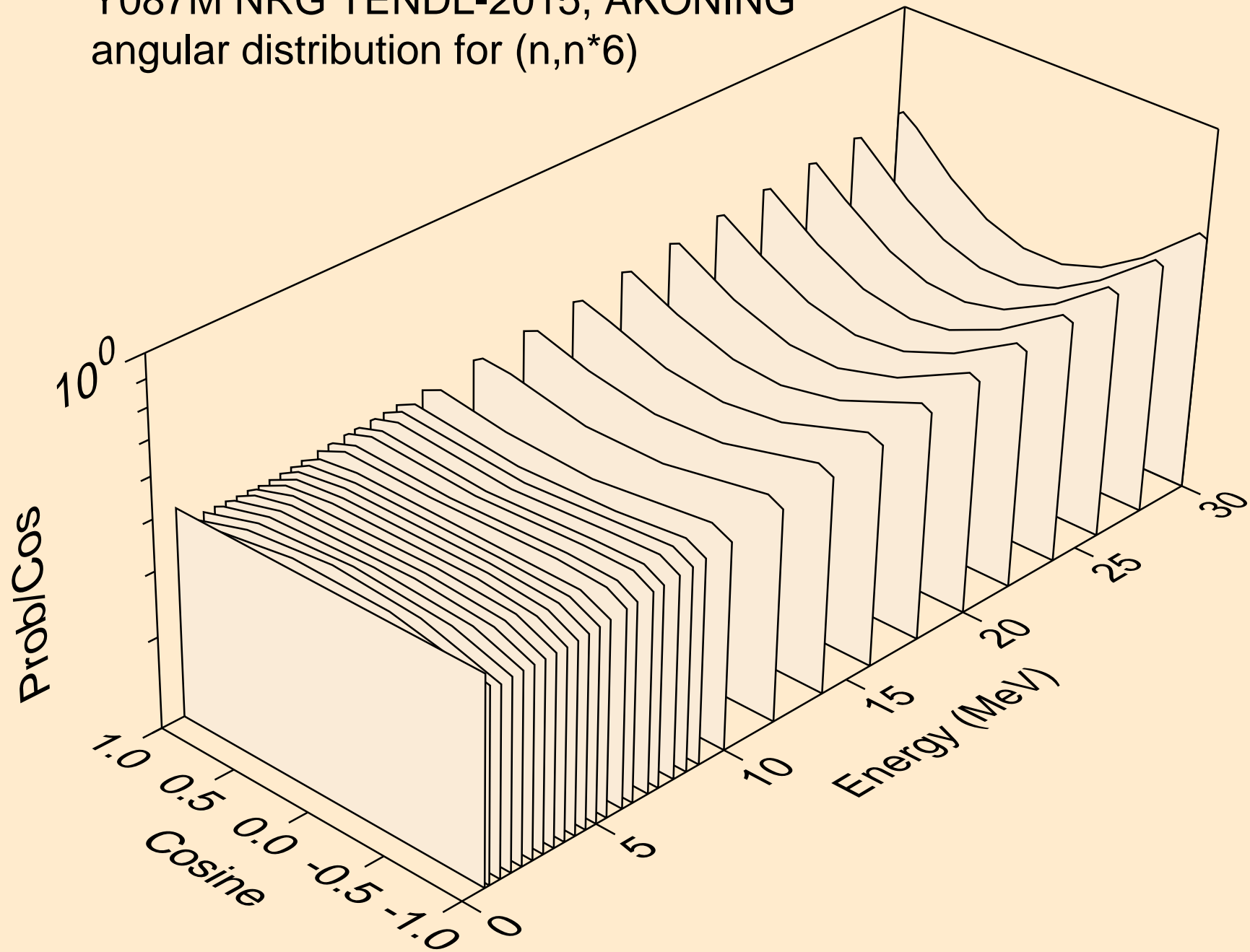
Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



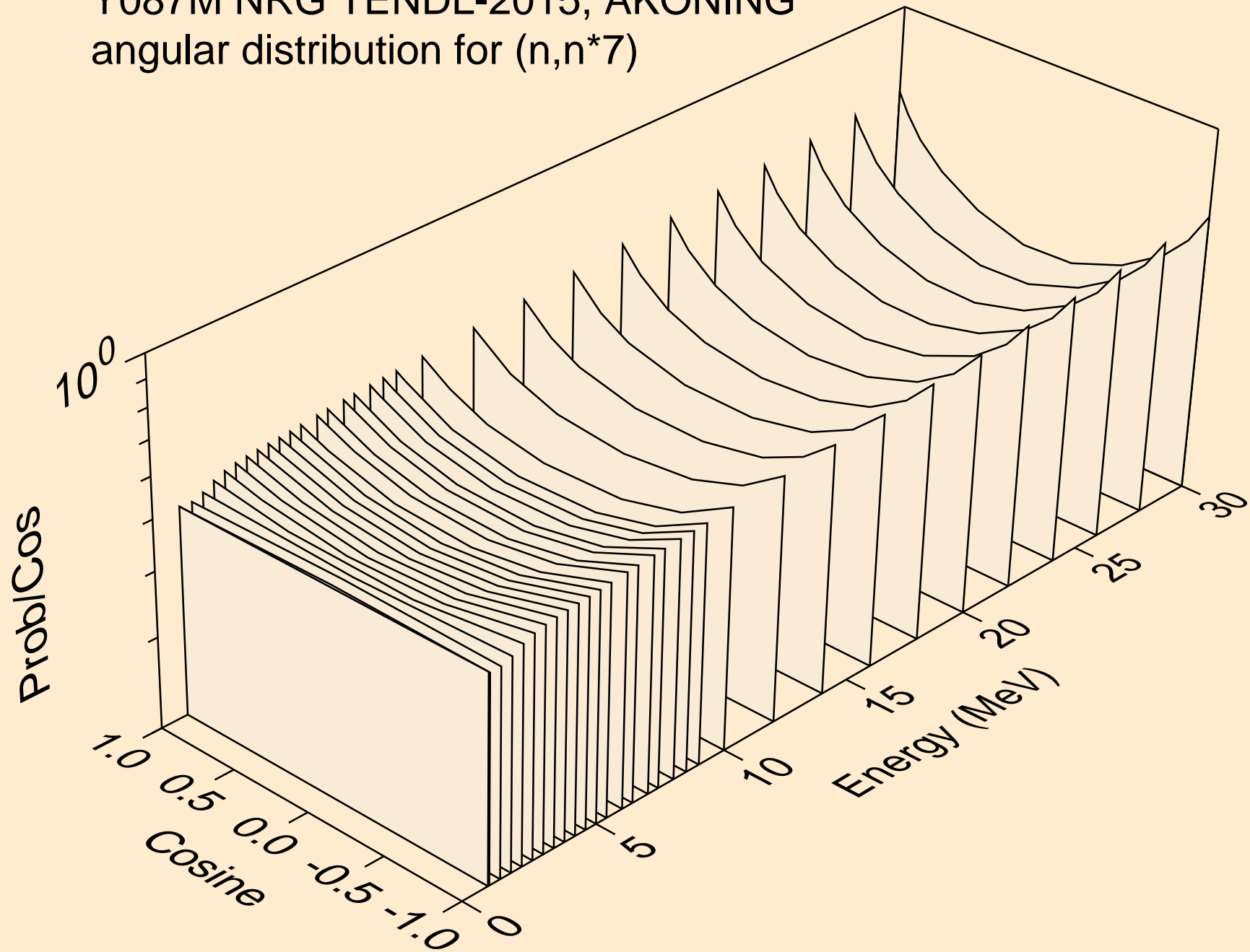
Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



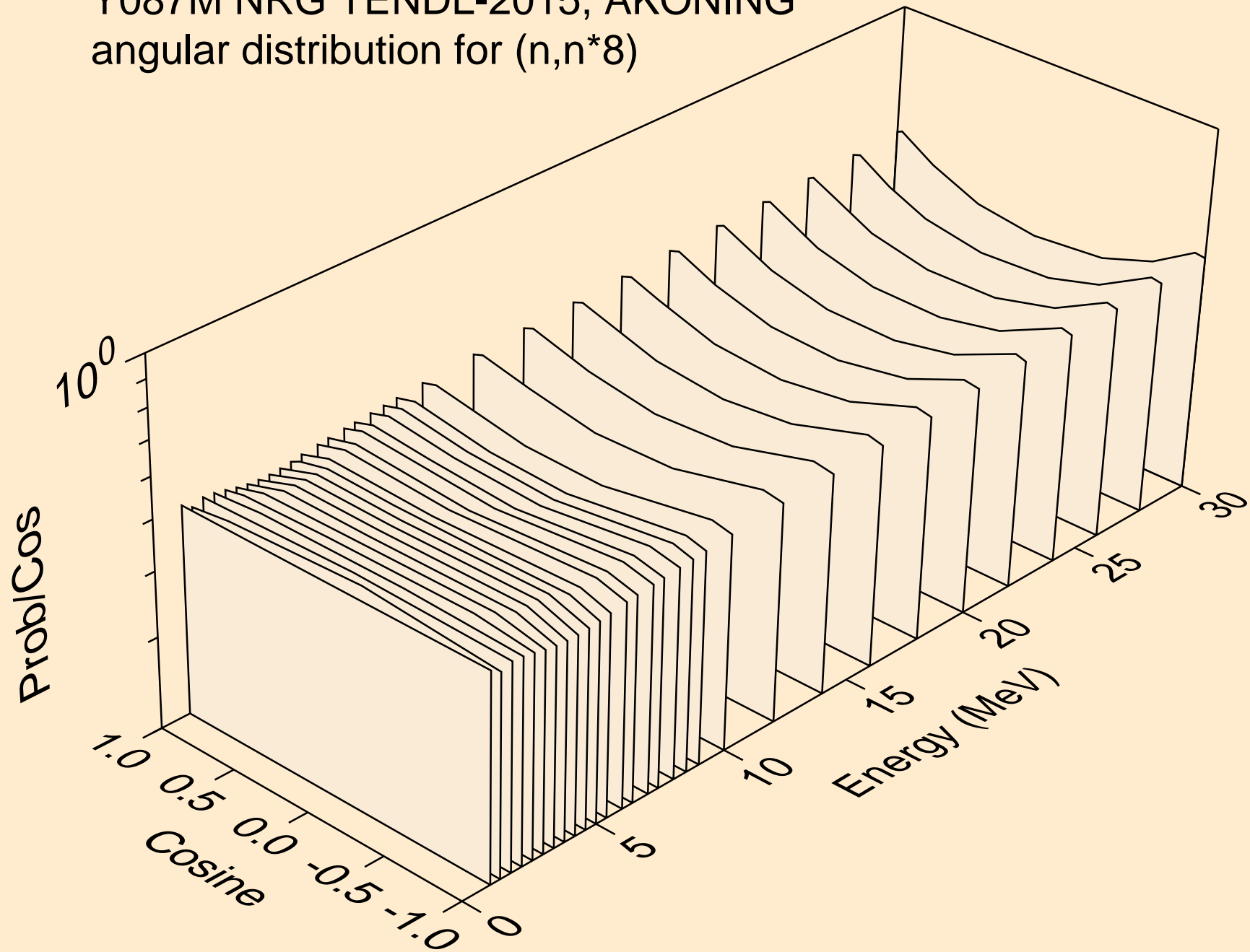
Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



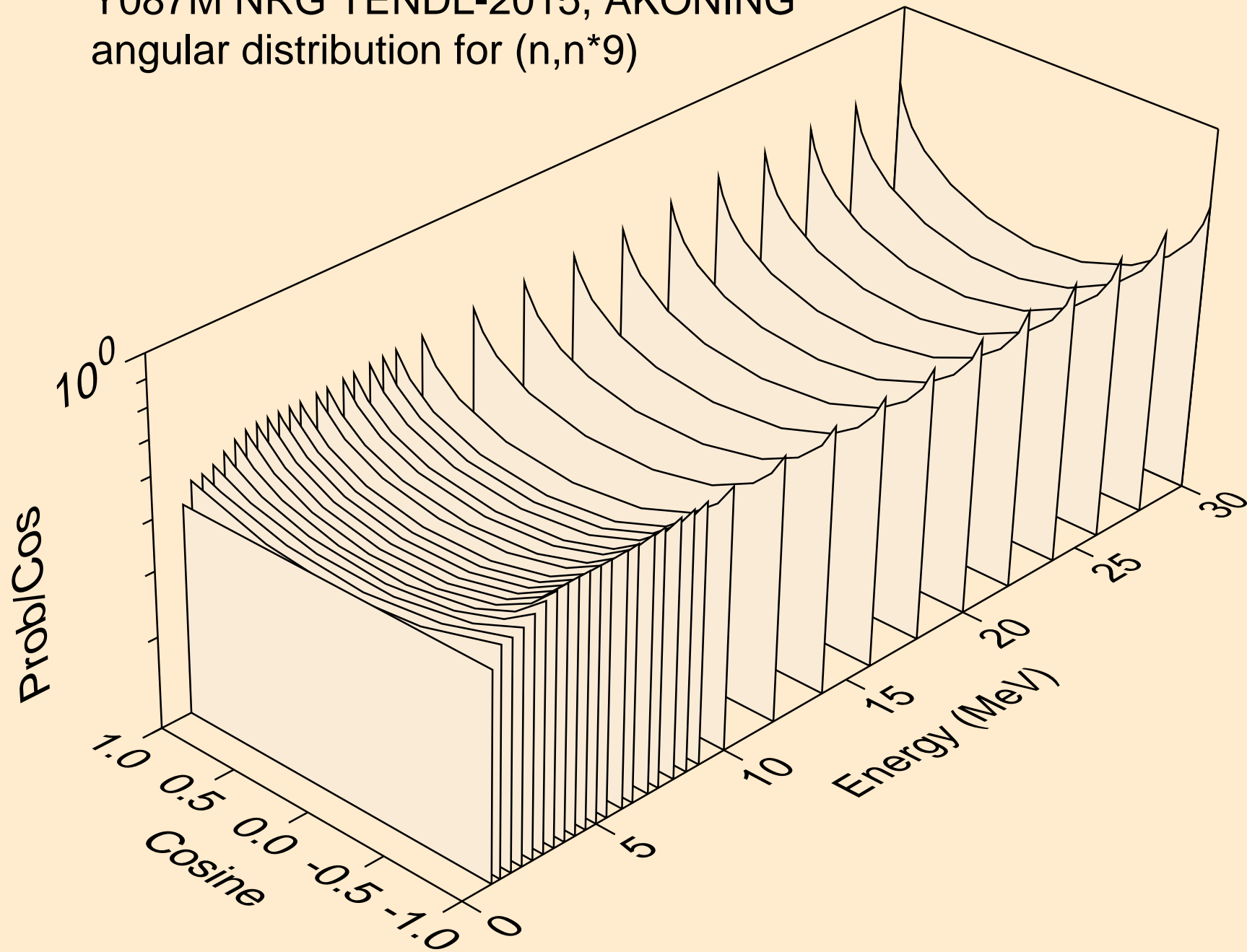
Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

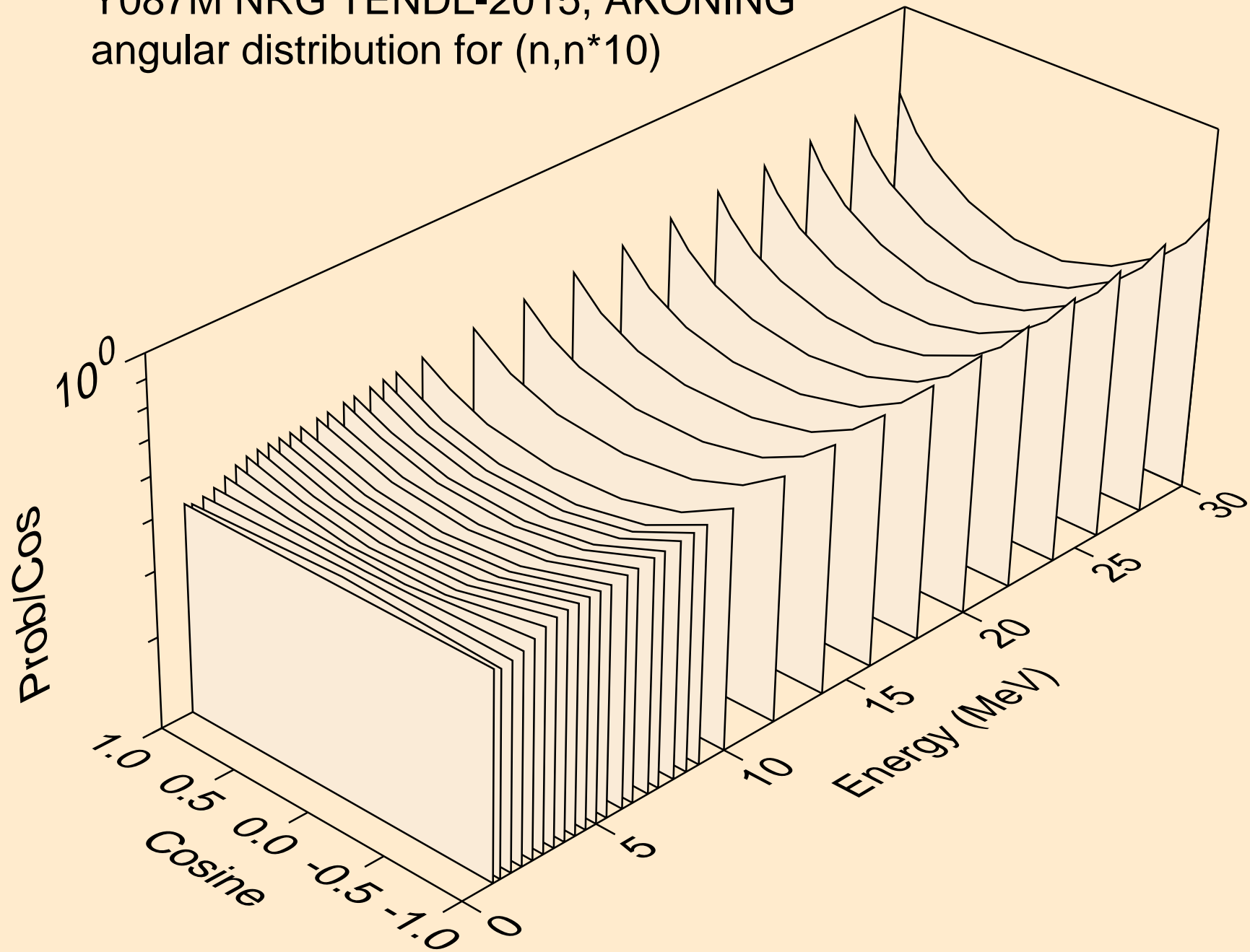


Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

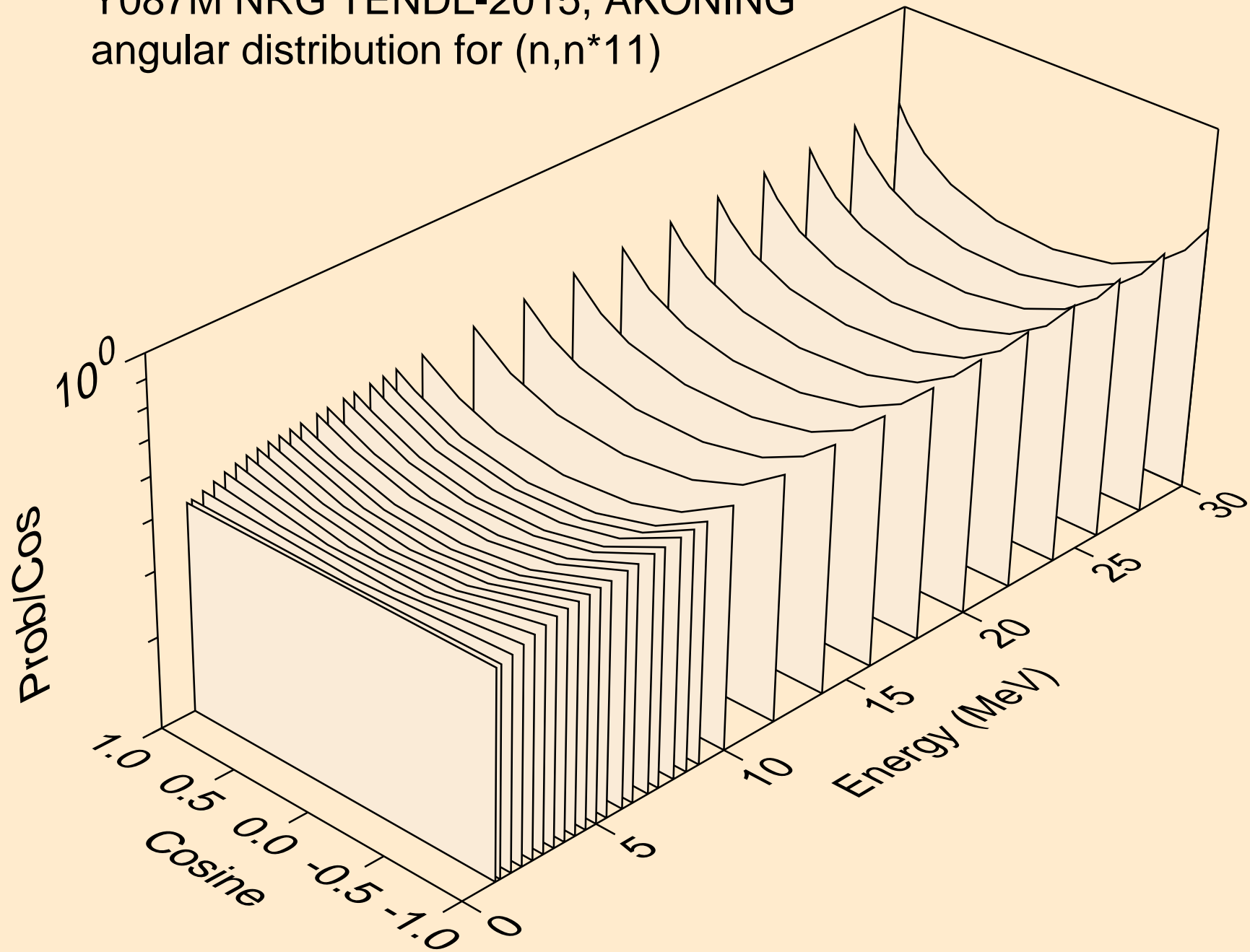




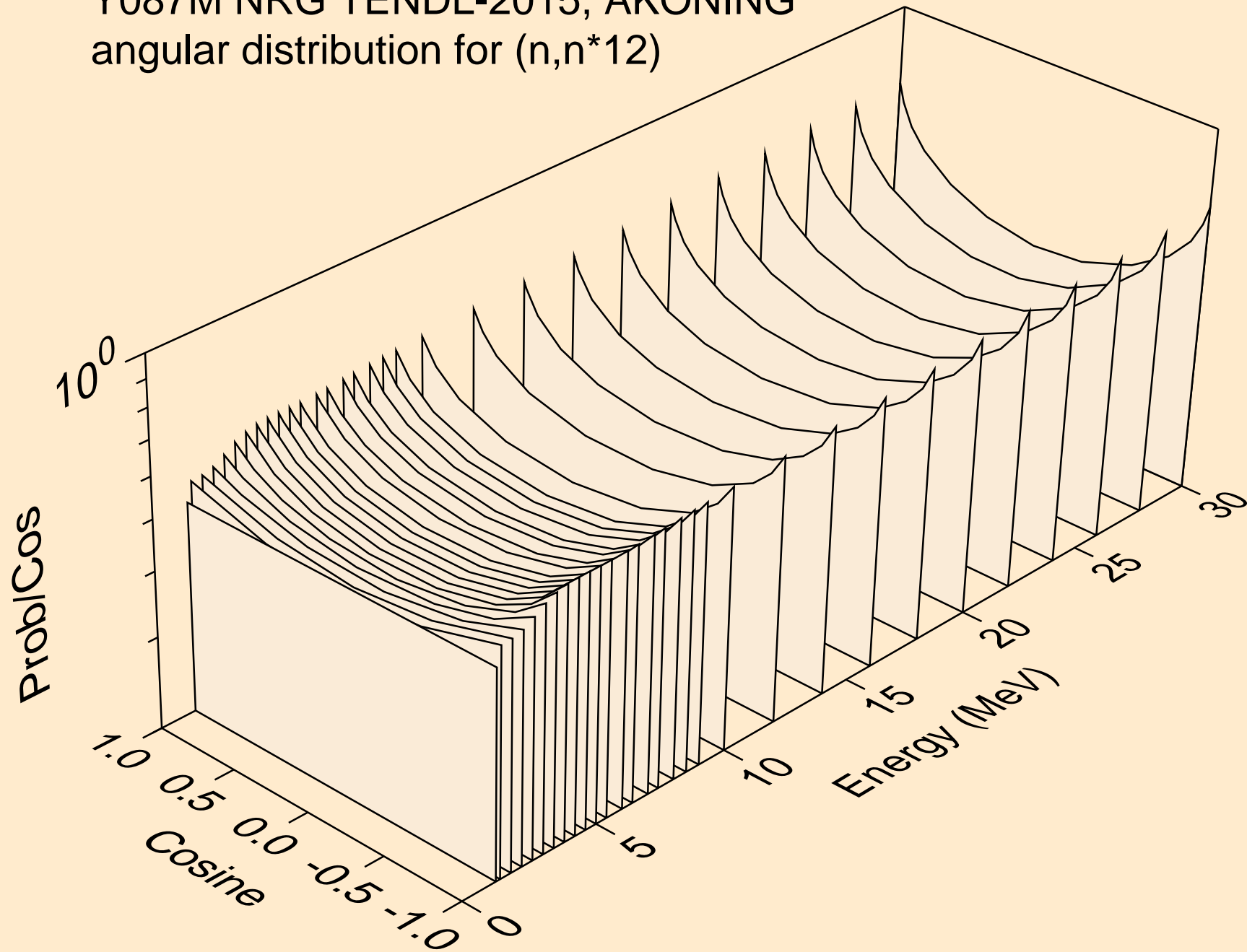
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angular distribution for (n,n\*10)



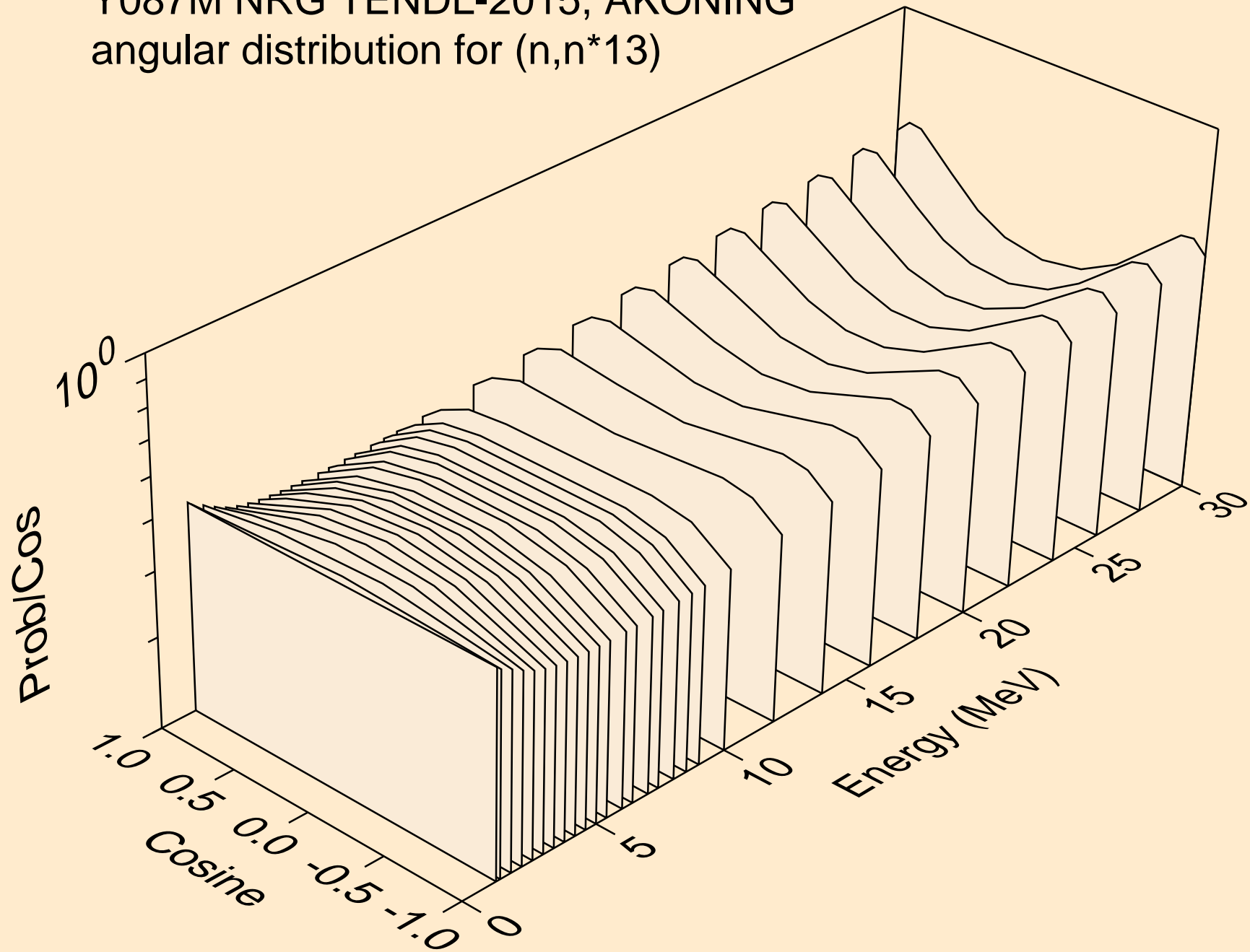
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angular distribution for (n,n\*11)



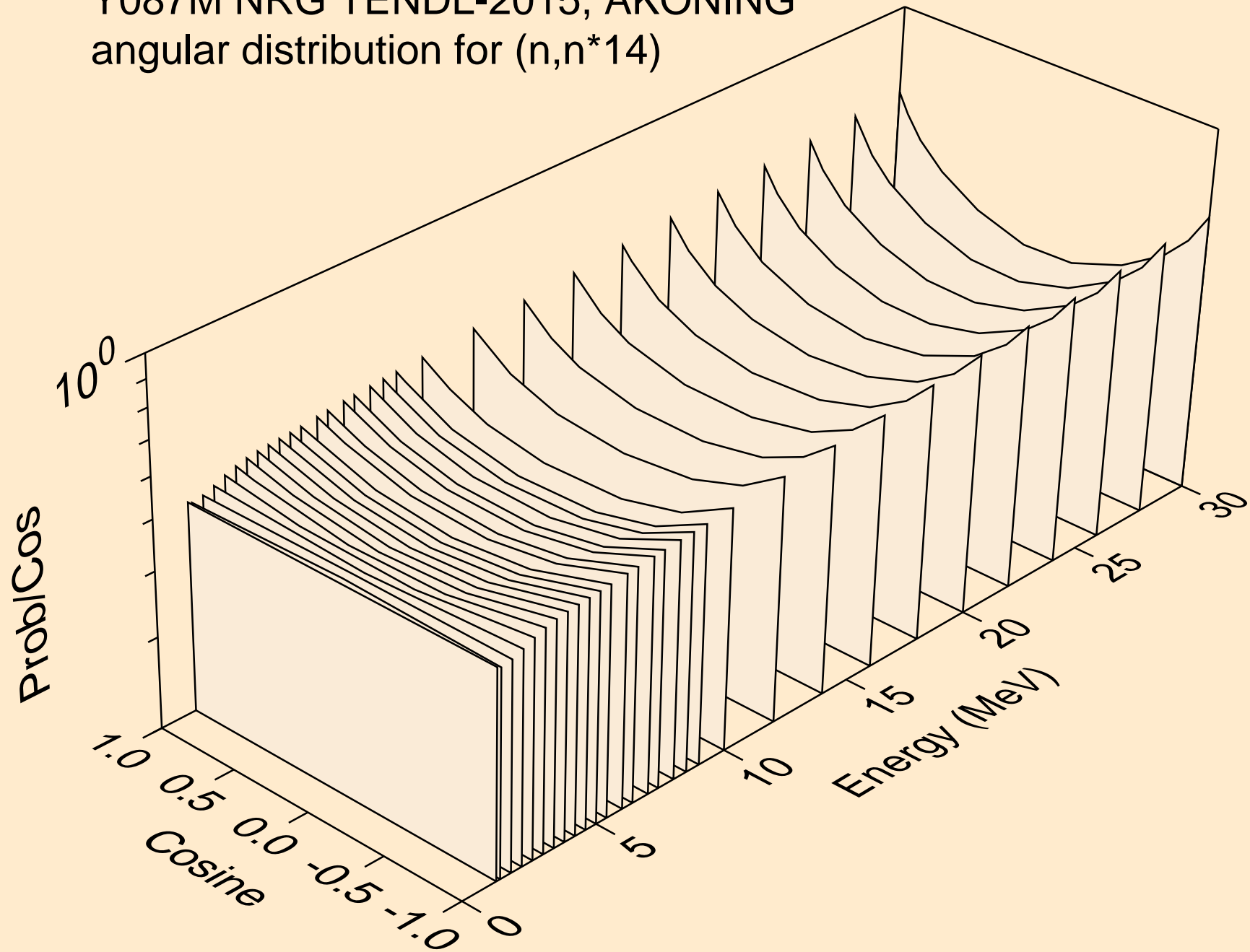
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angular distribution for (n,n\*12)



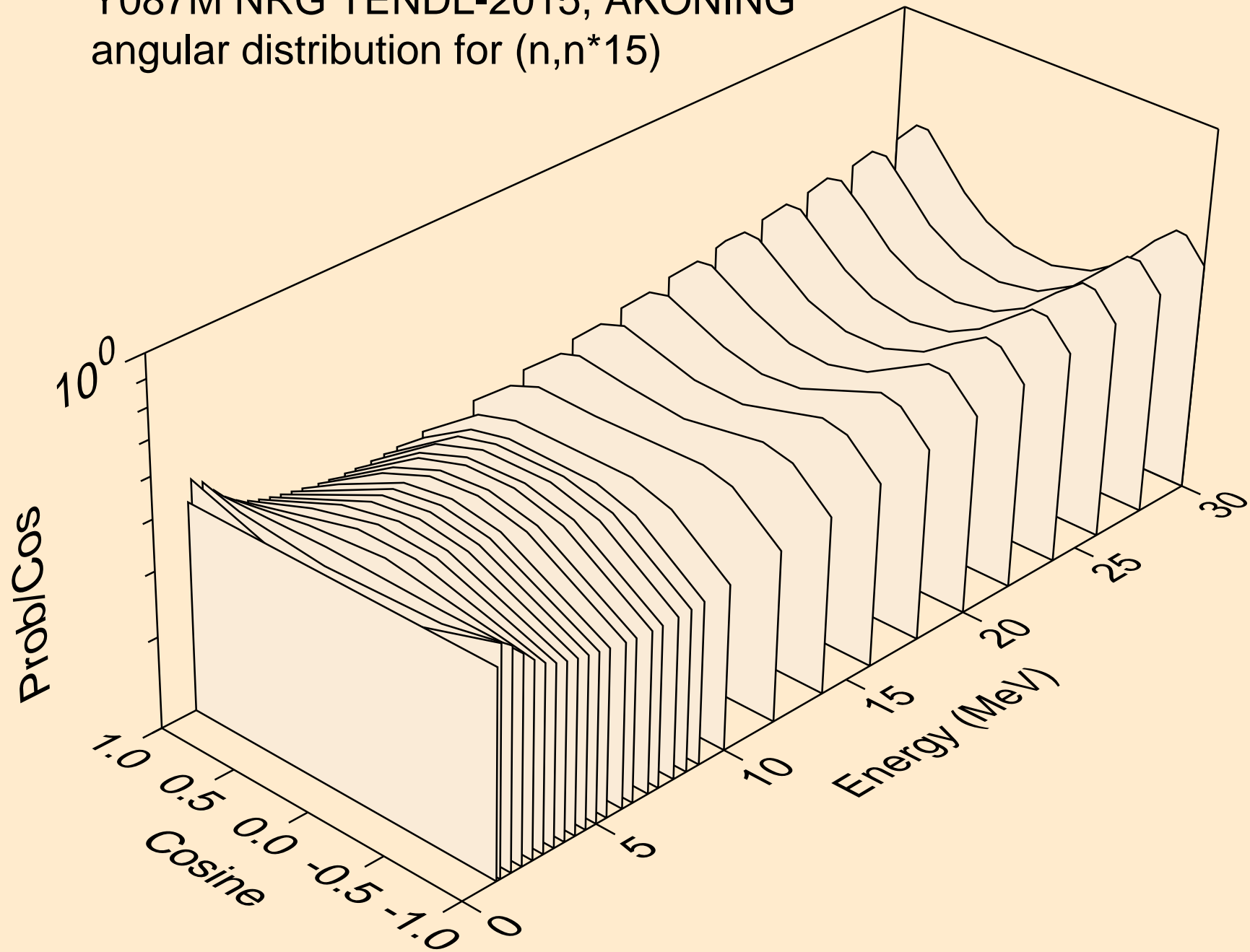
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angular distribution for (n,n\*13)



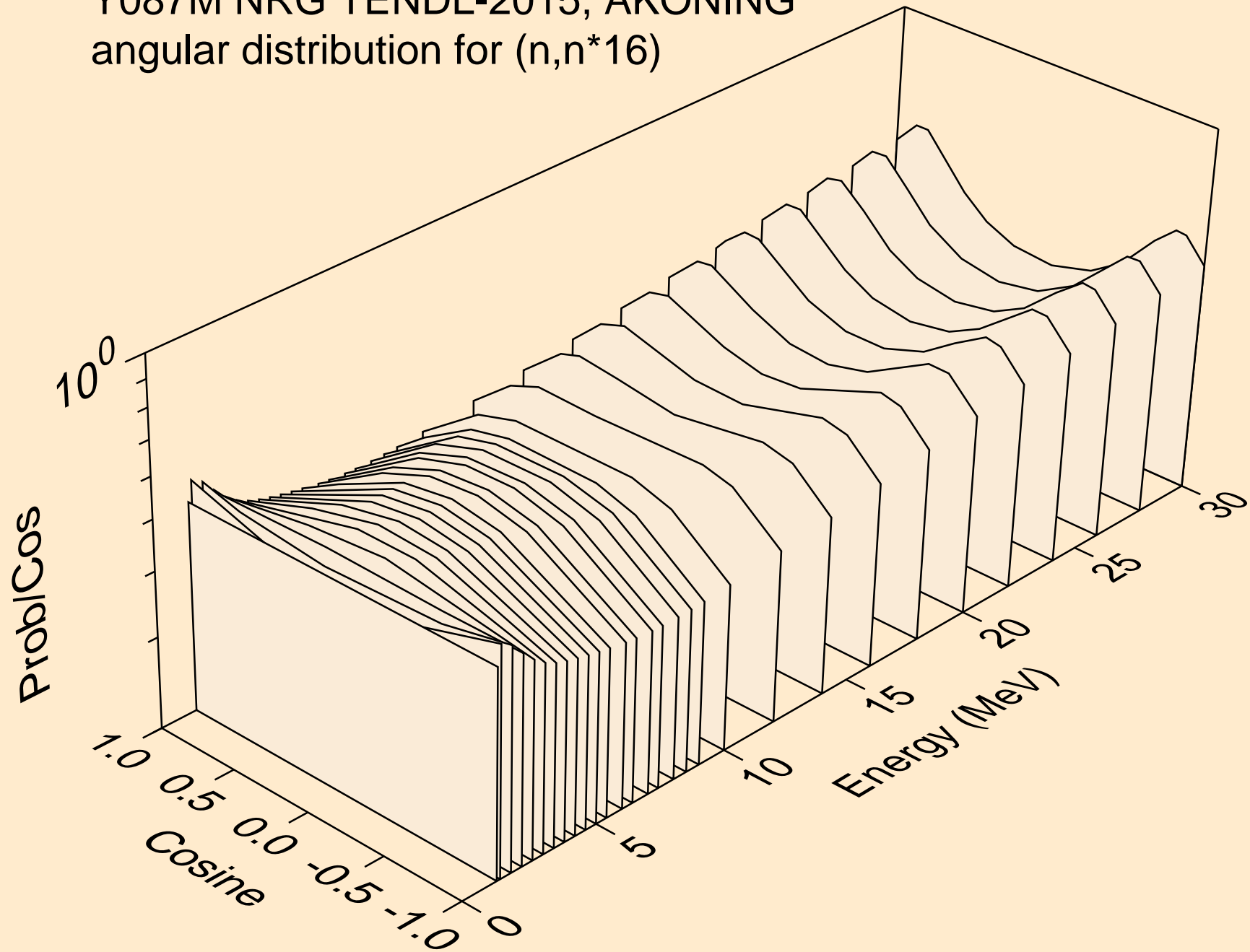
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angular distribution for (n,n\*14)



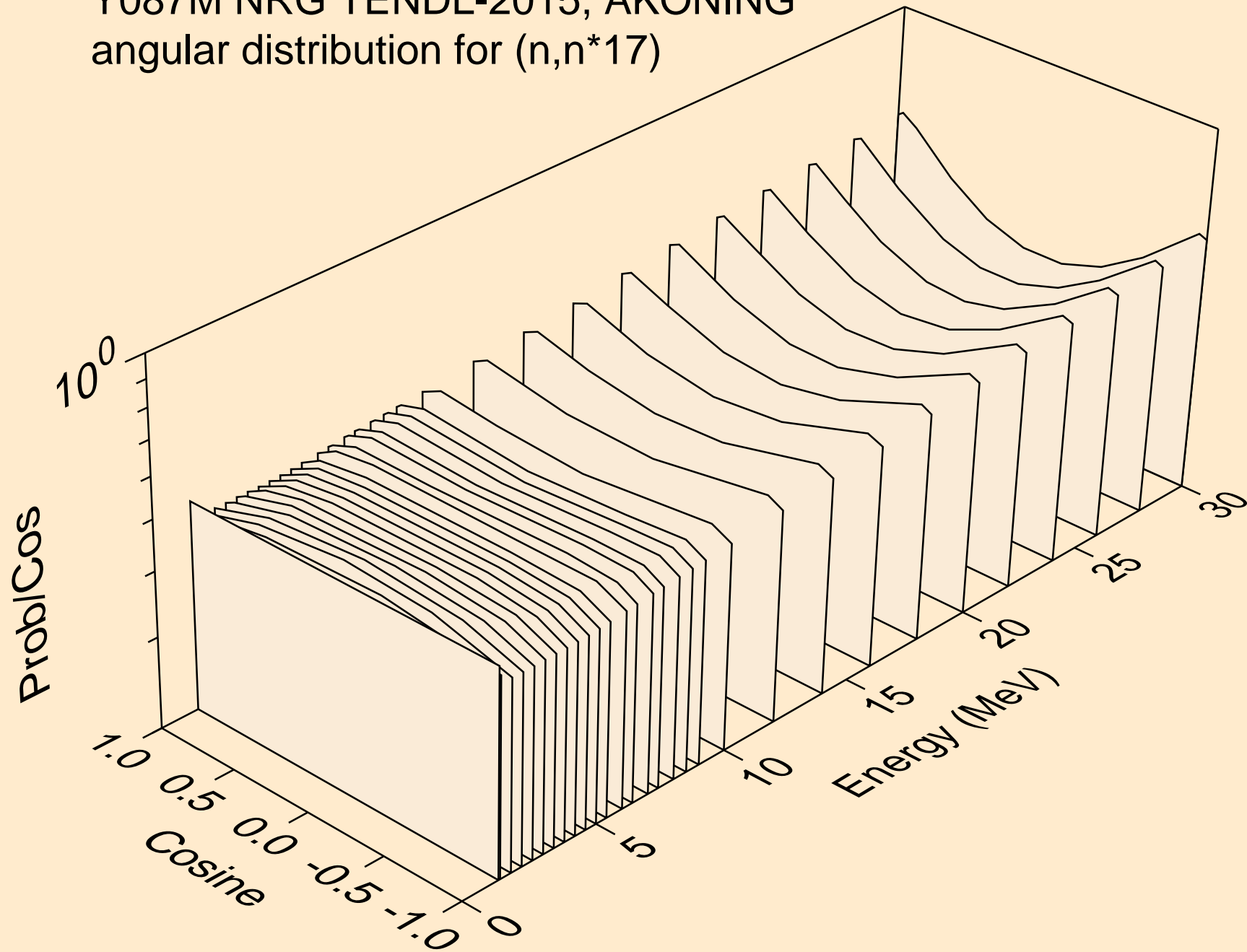
Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

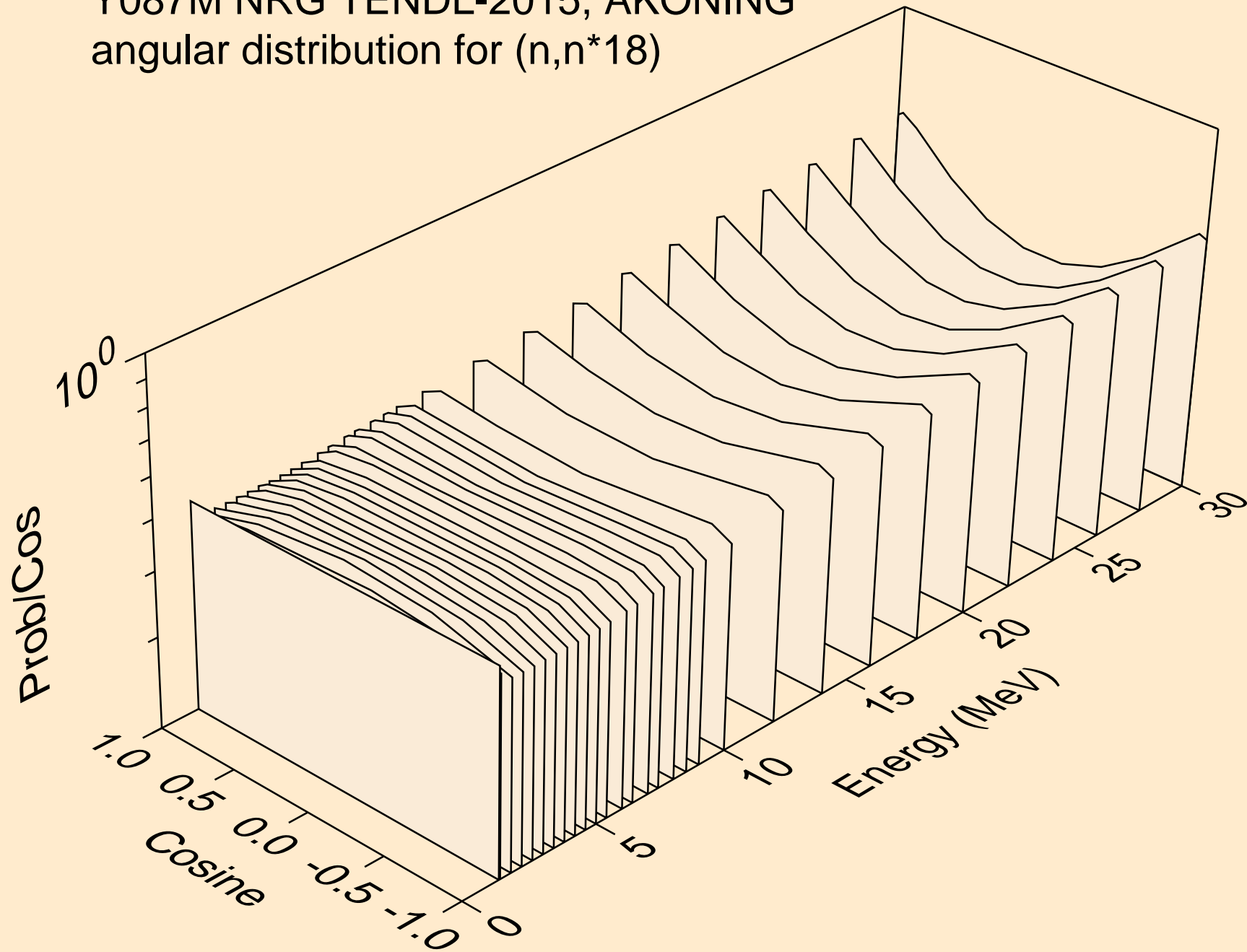


Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

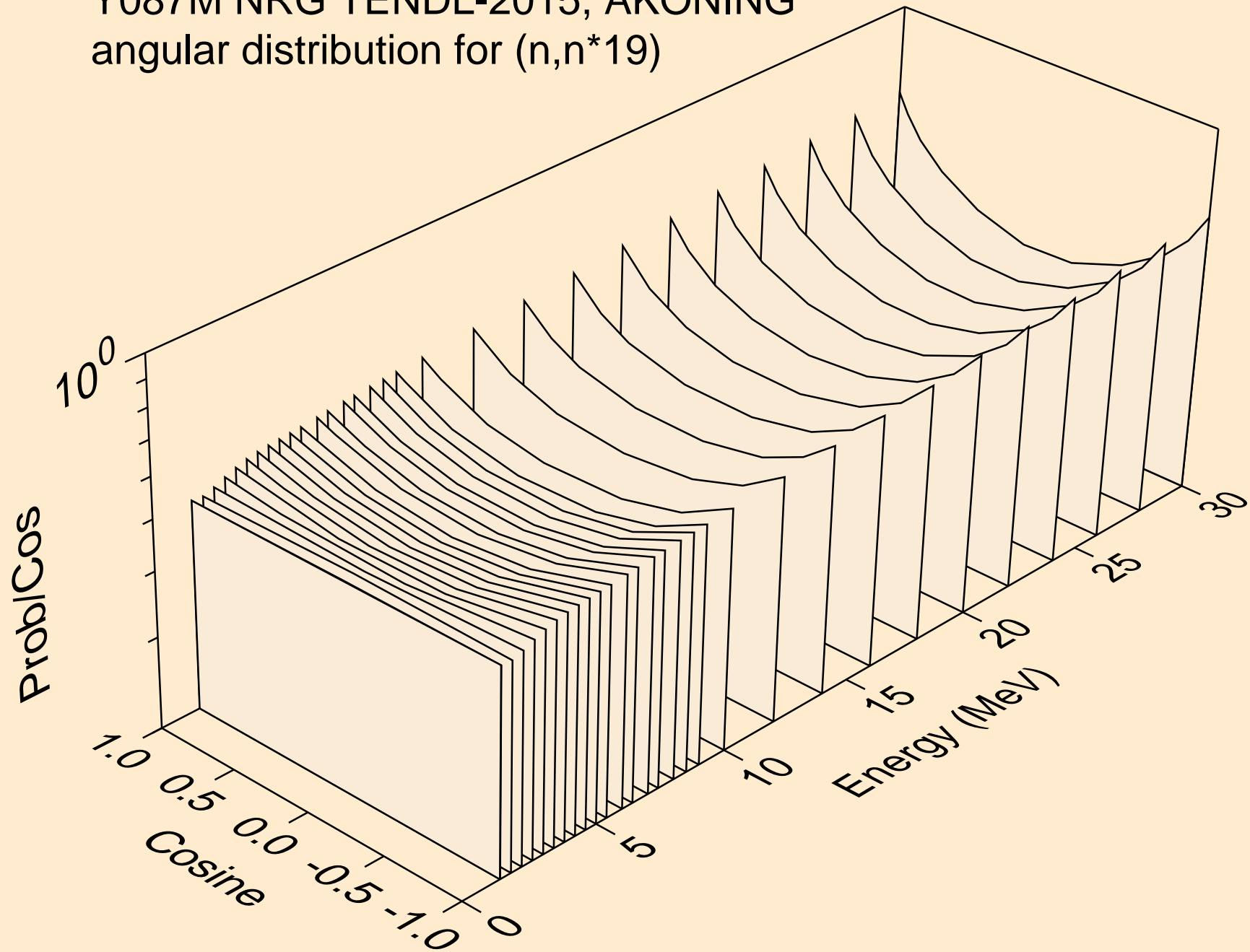




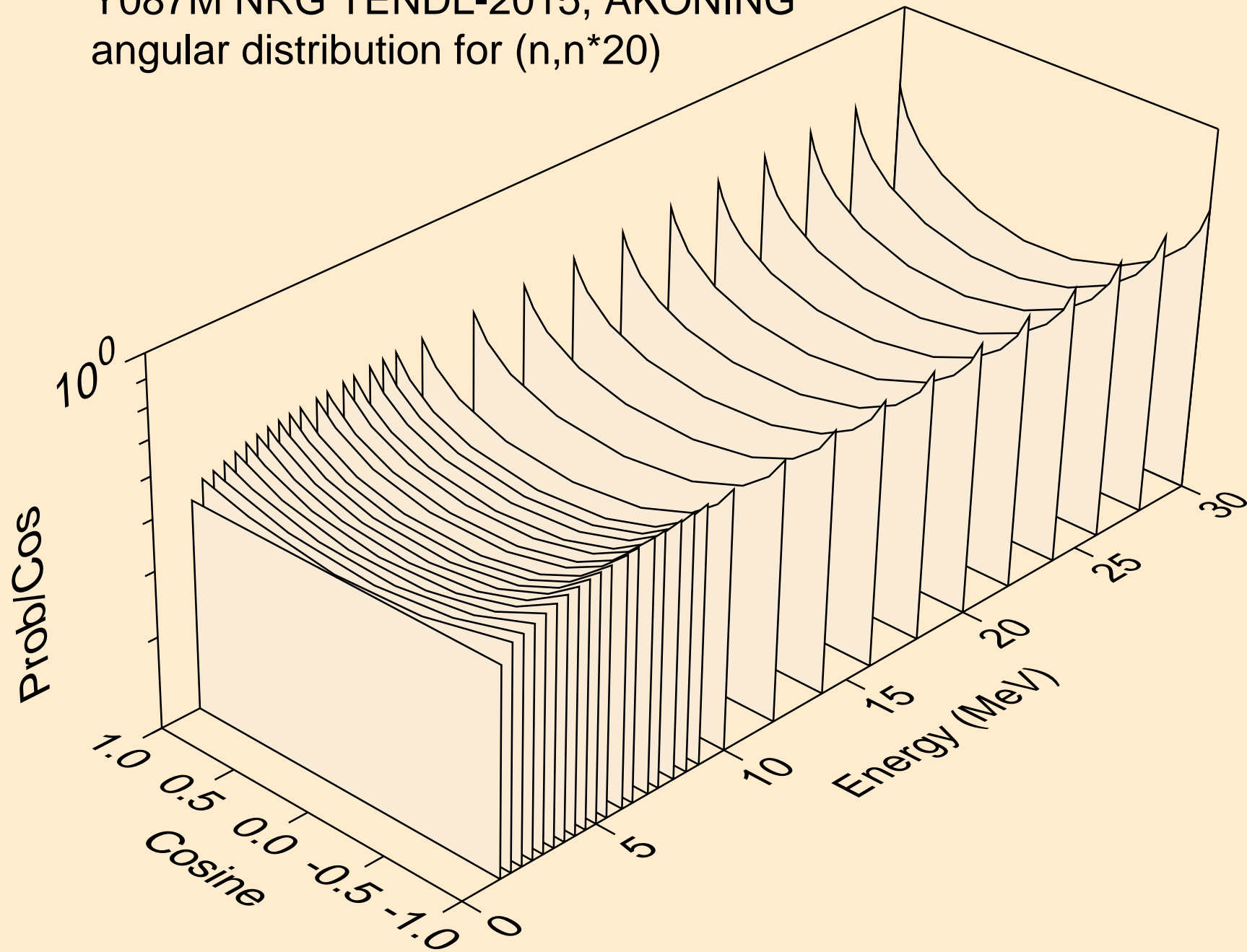
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angular distribution for (n,n\*18)



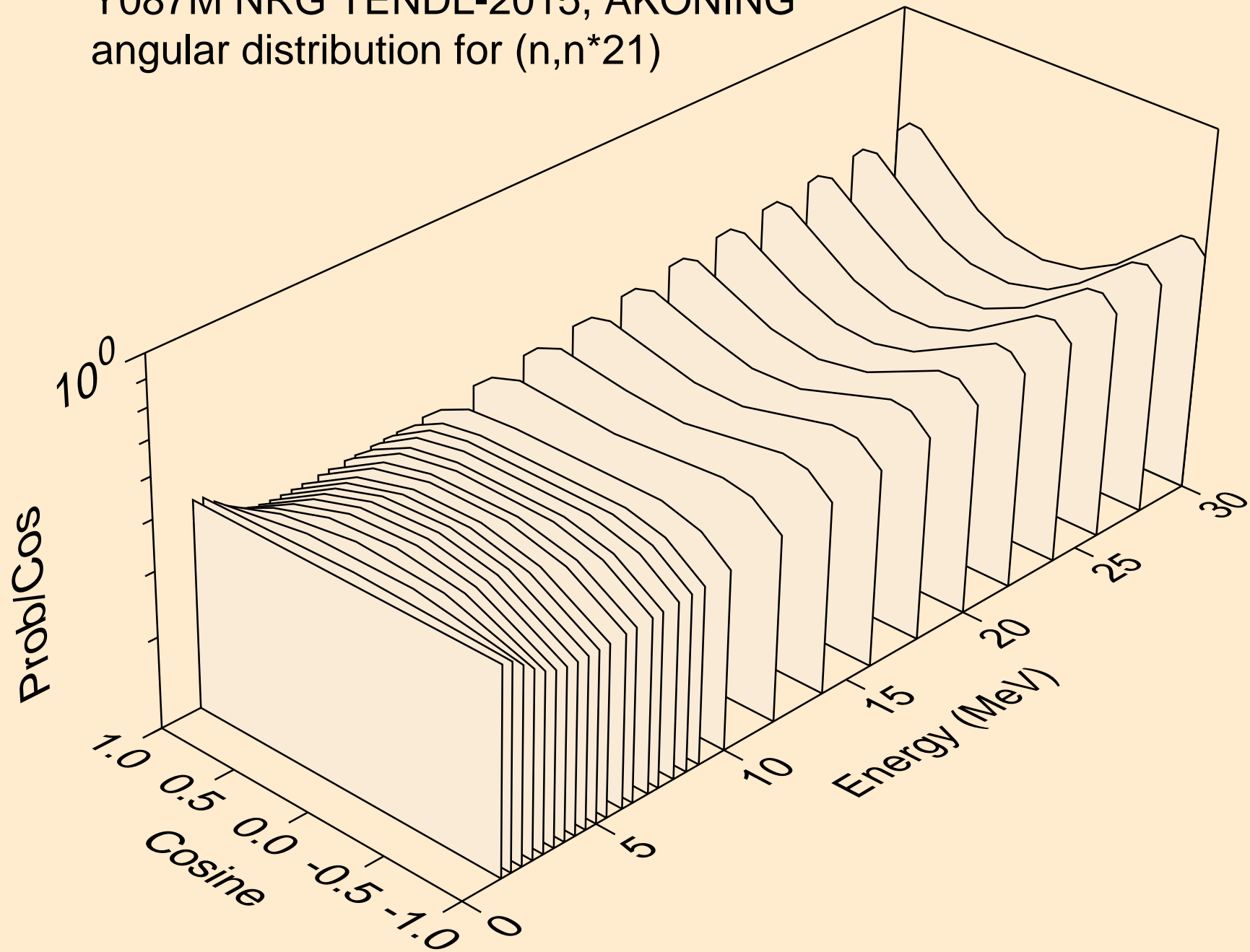
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angular distribution for (n,n\*19)



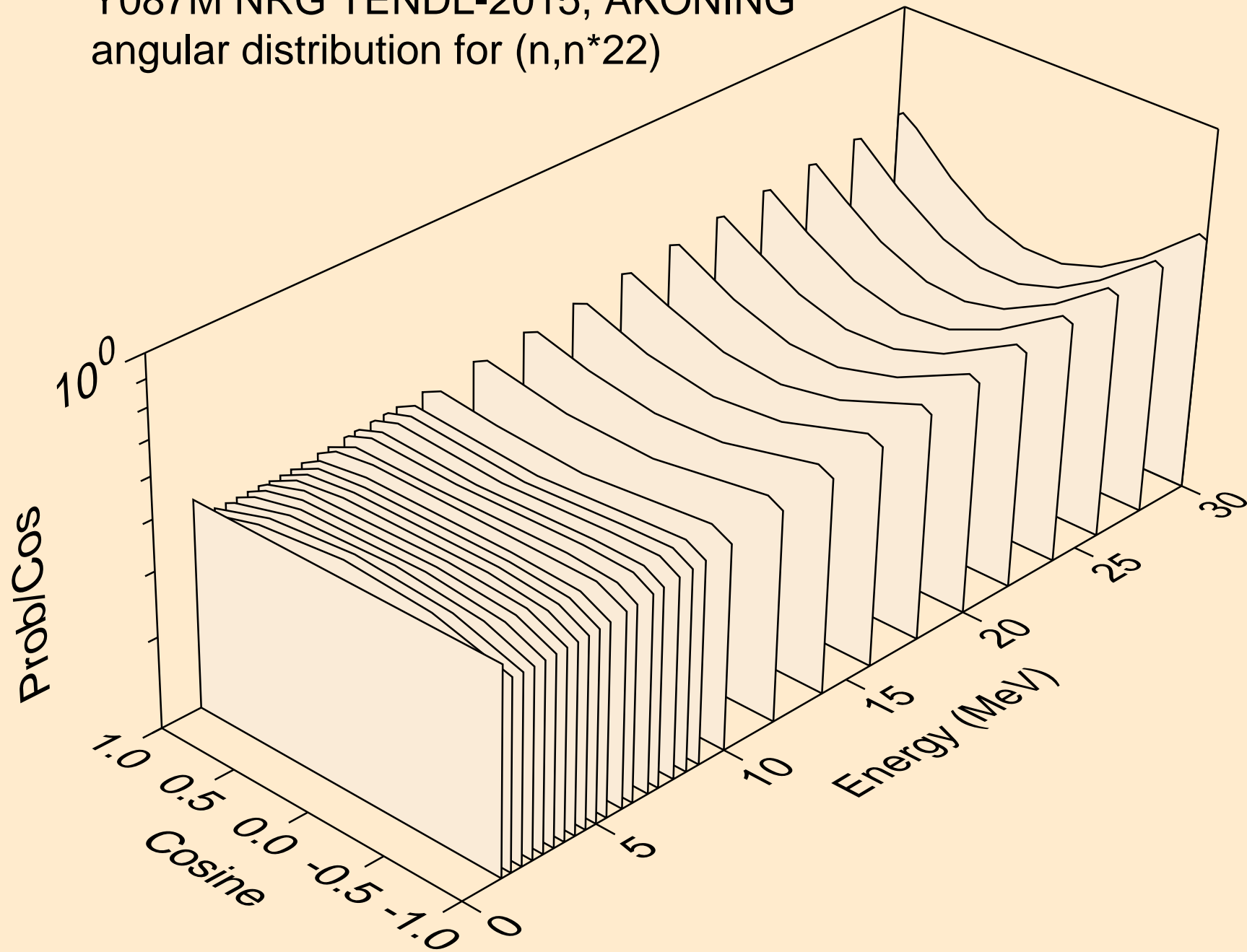
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angular distribution for (n,n\*20)



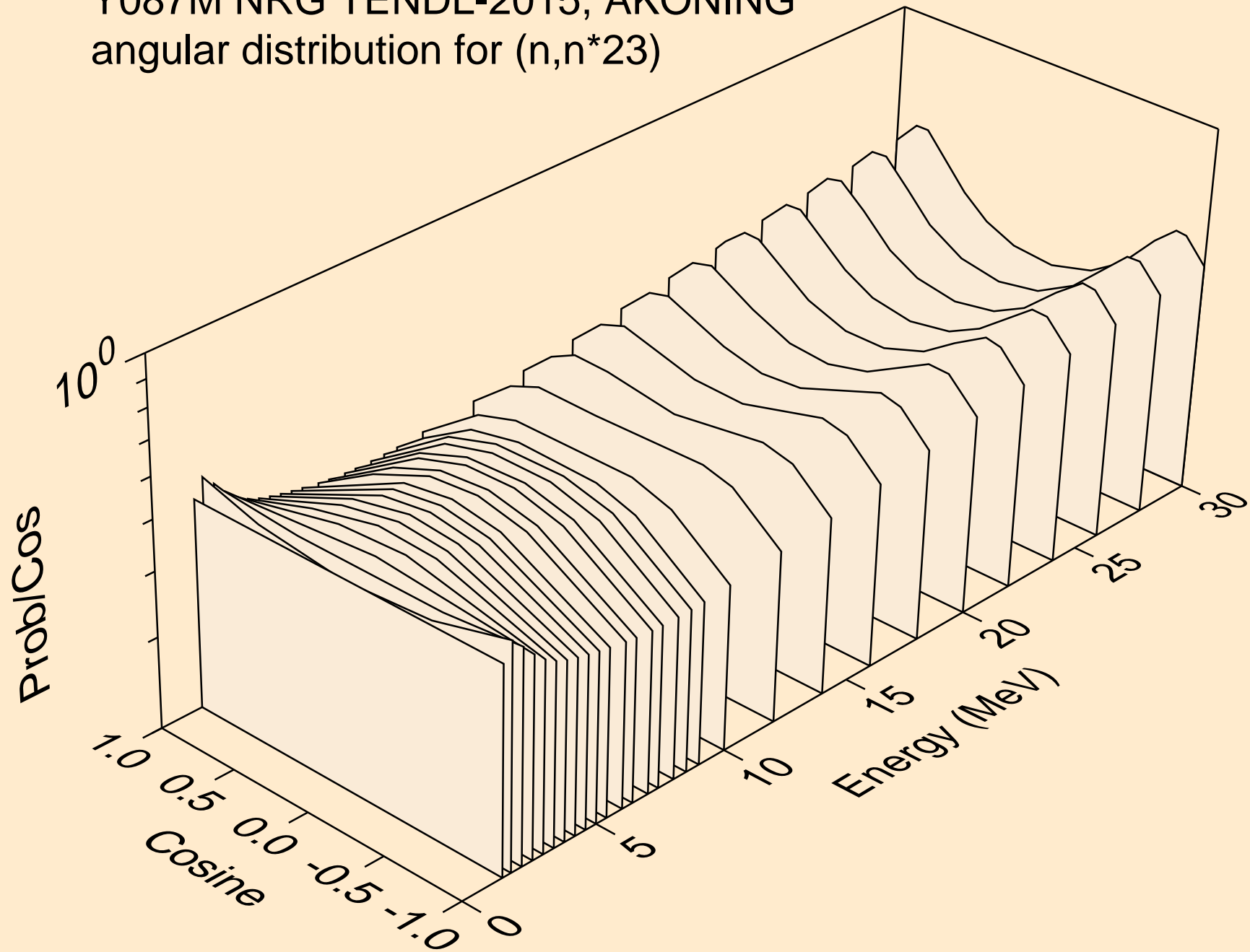
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angular distribution for (n,n\*21)



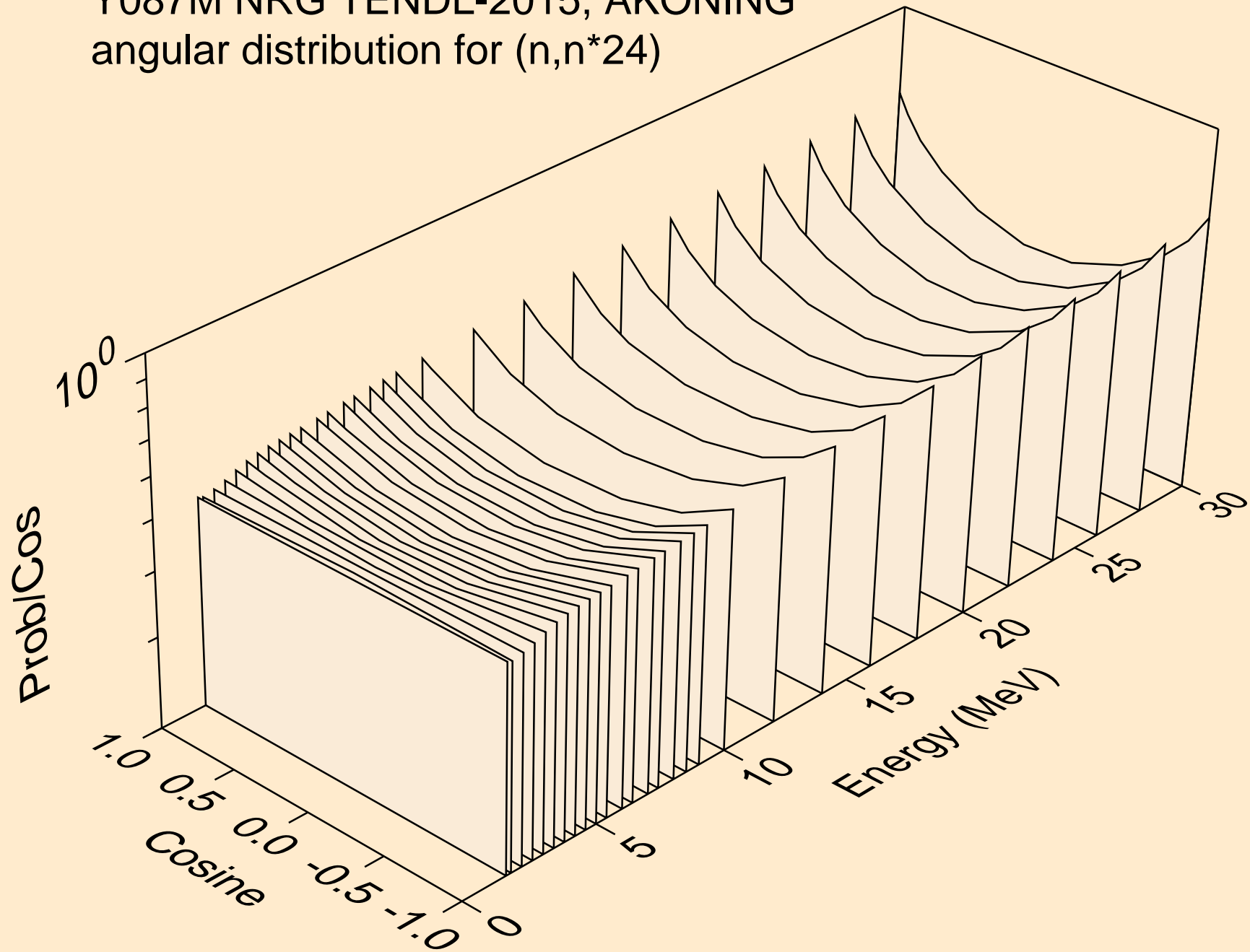
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angular distribution for (n,n\*22)



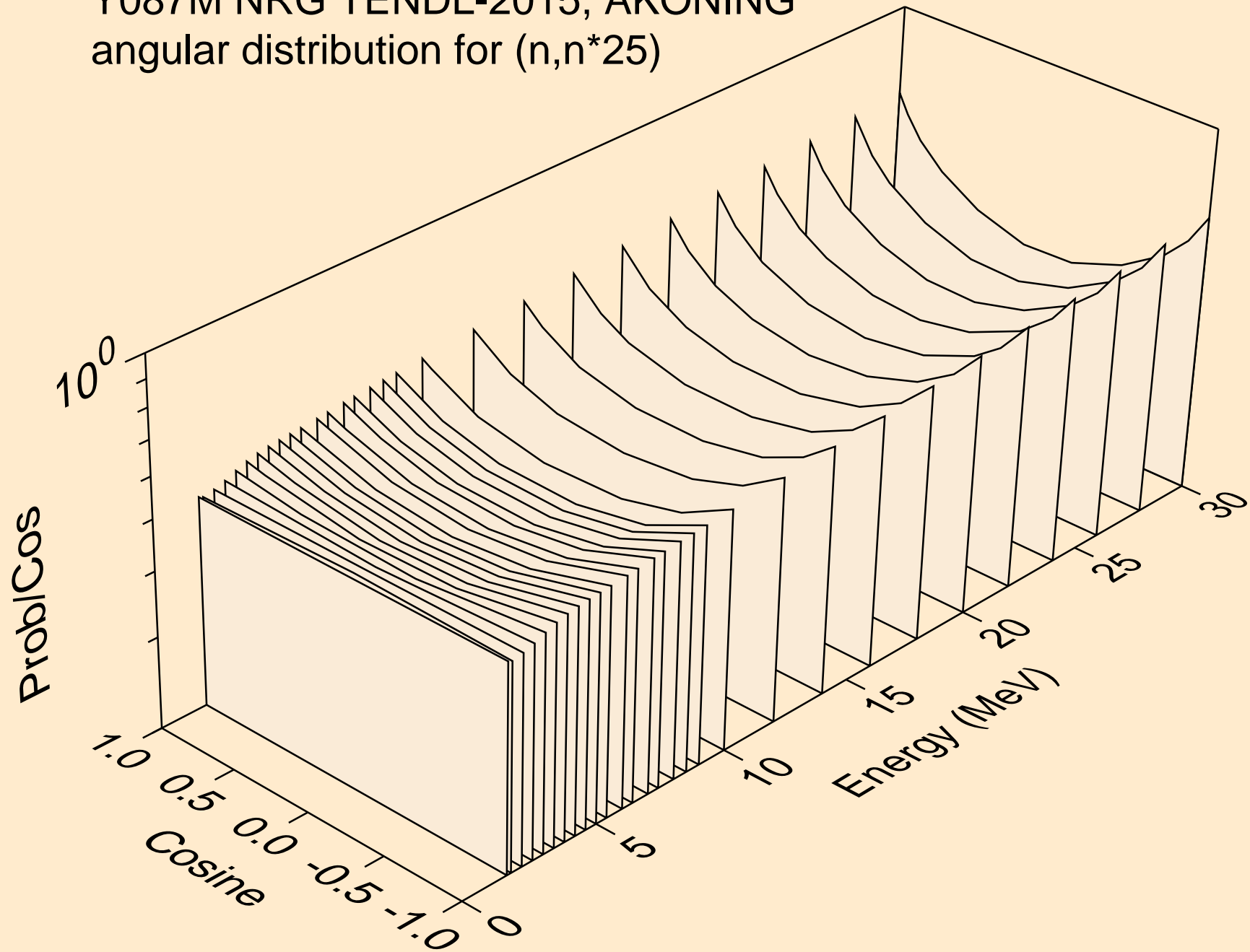
Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

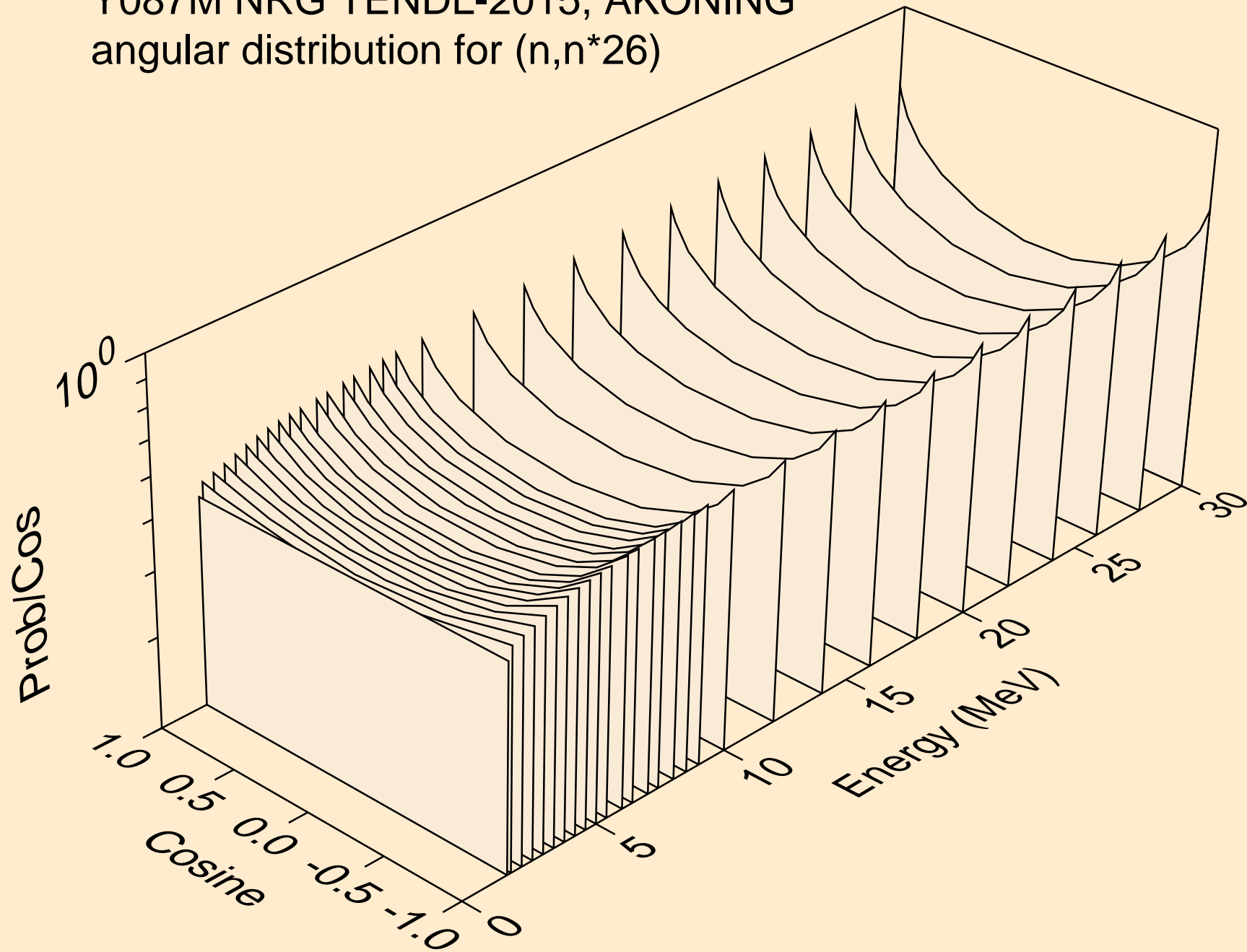


Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)

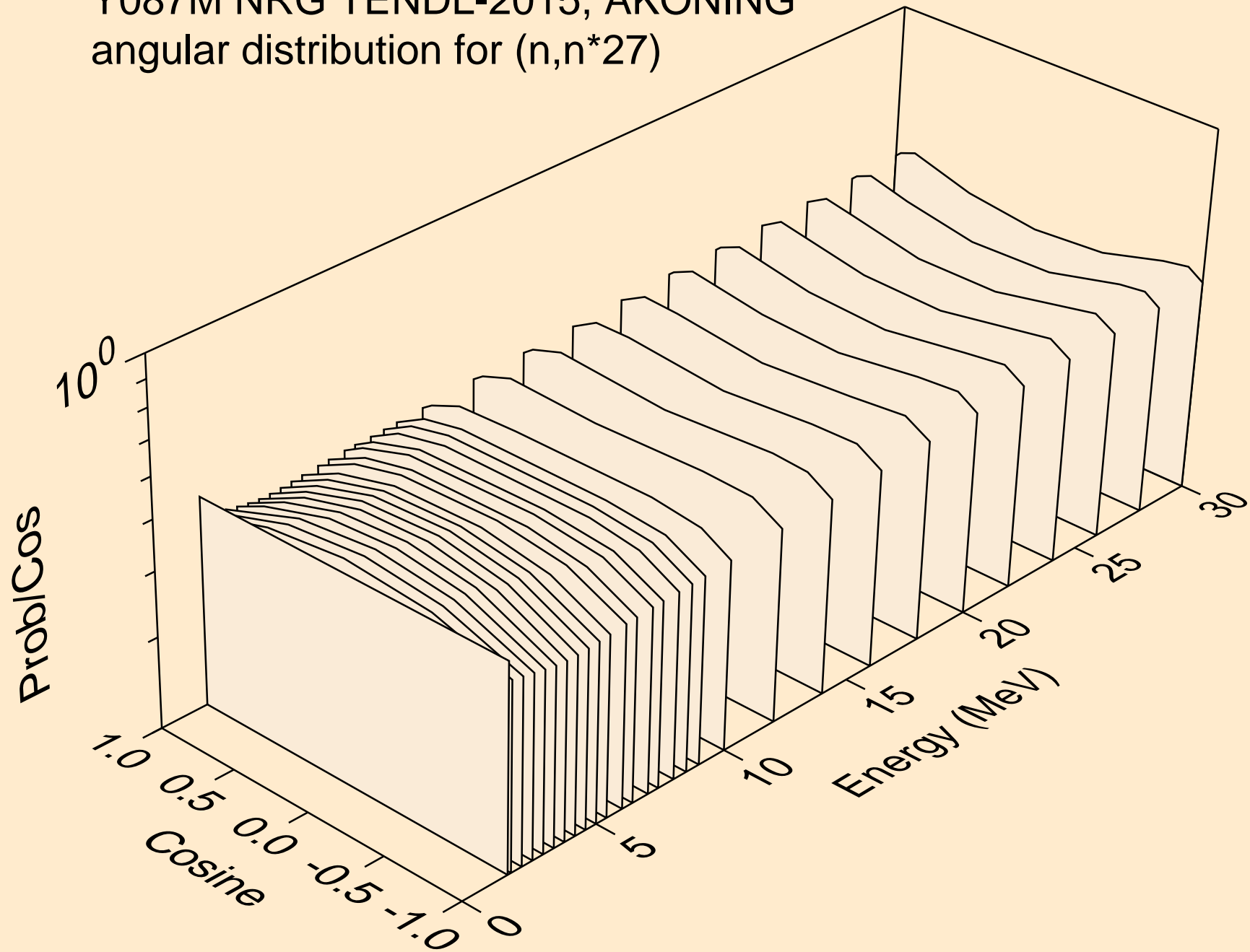




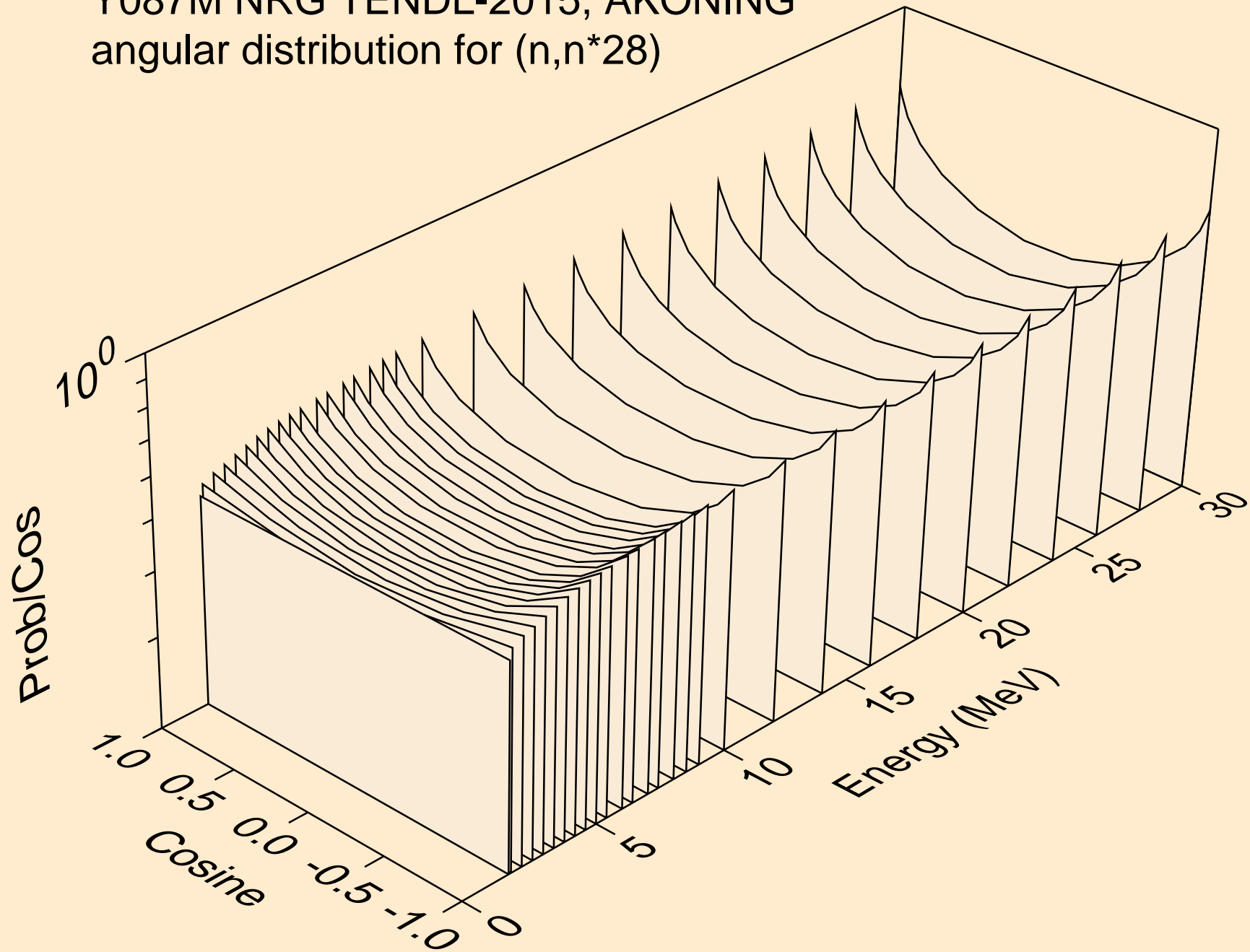
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angular distribution for (n,n\*26)



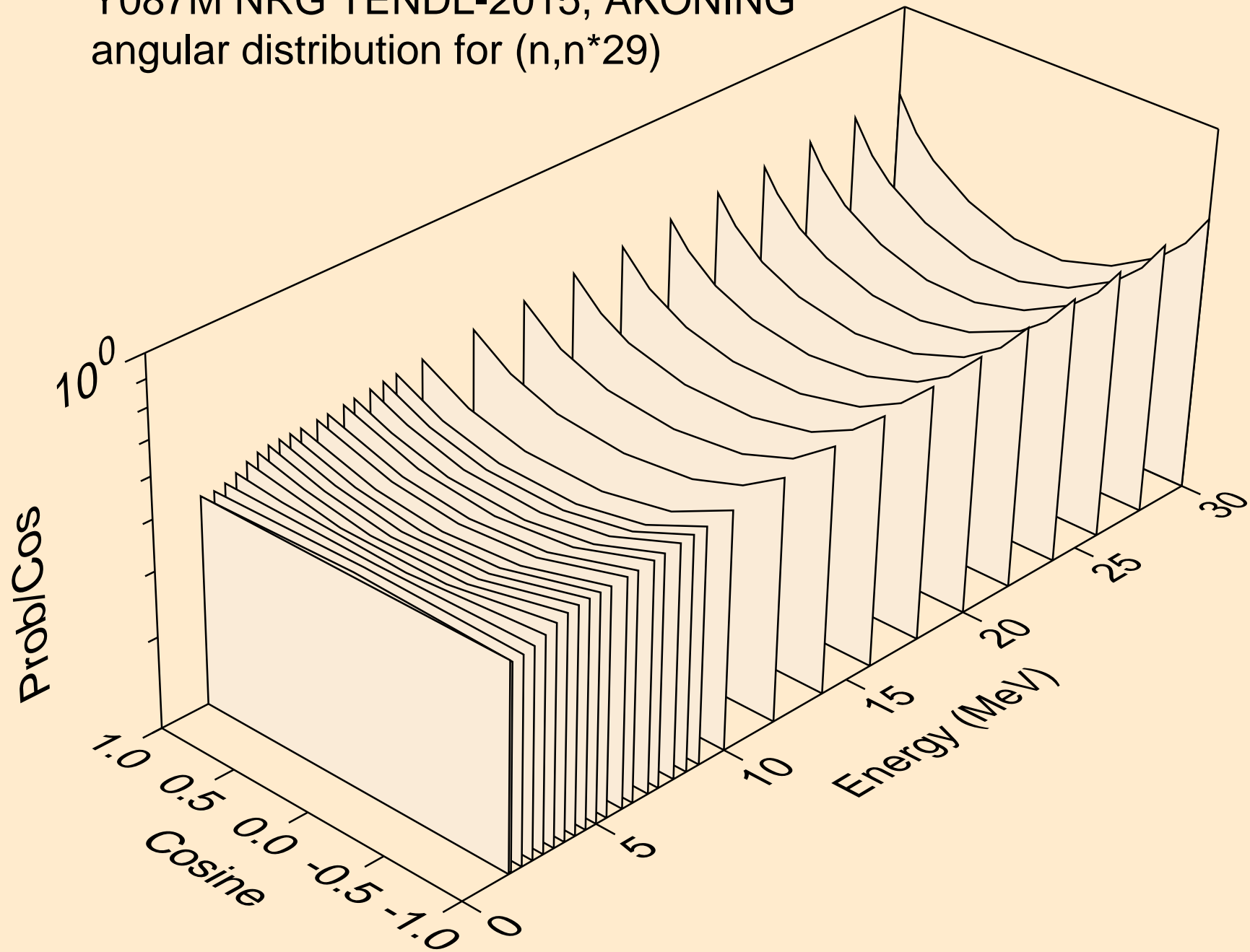
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angular distribution for (n,n\*27)



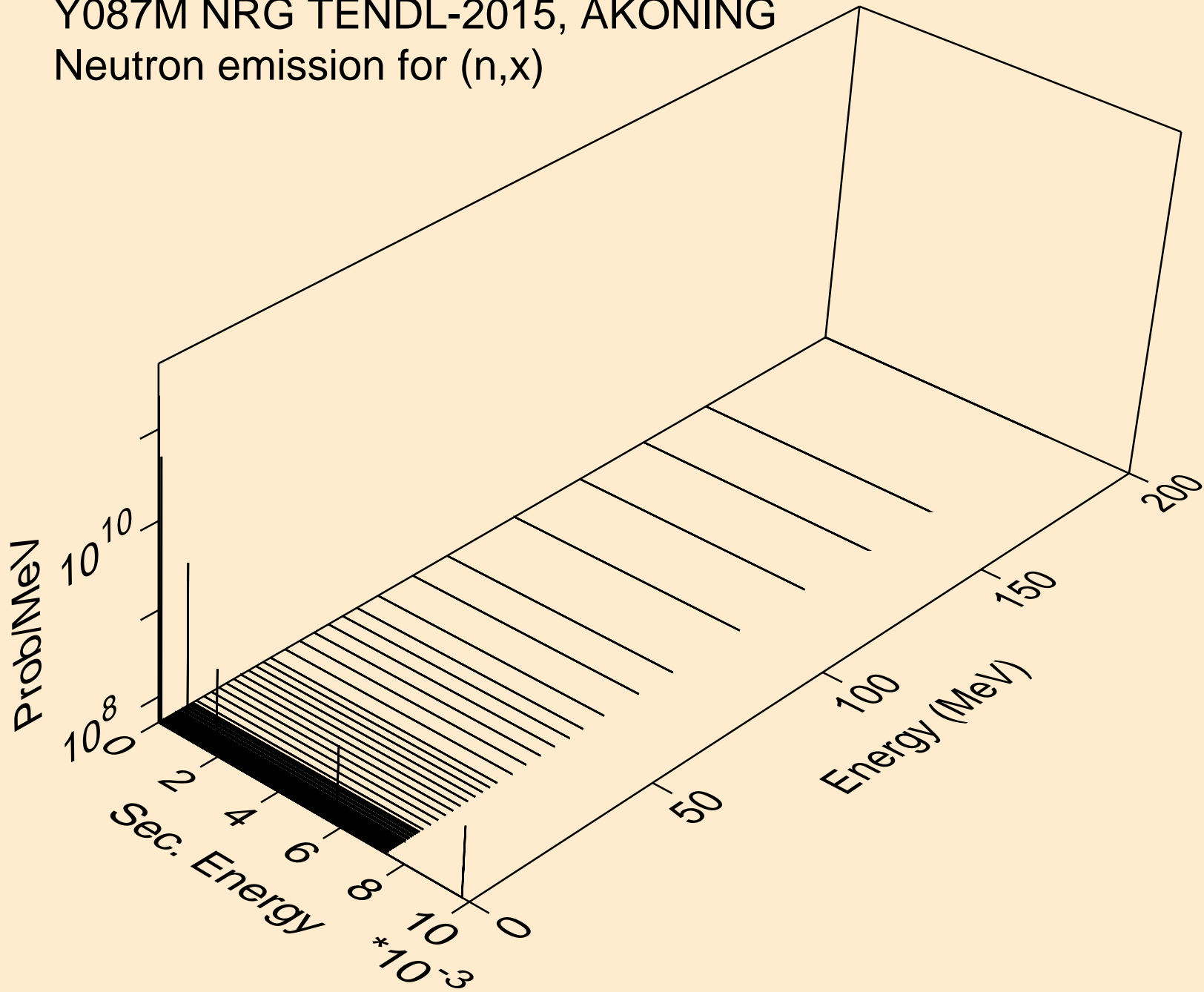
Y087M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



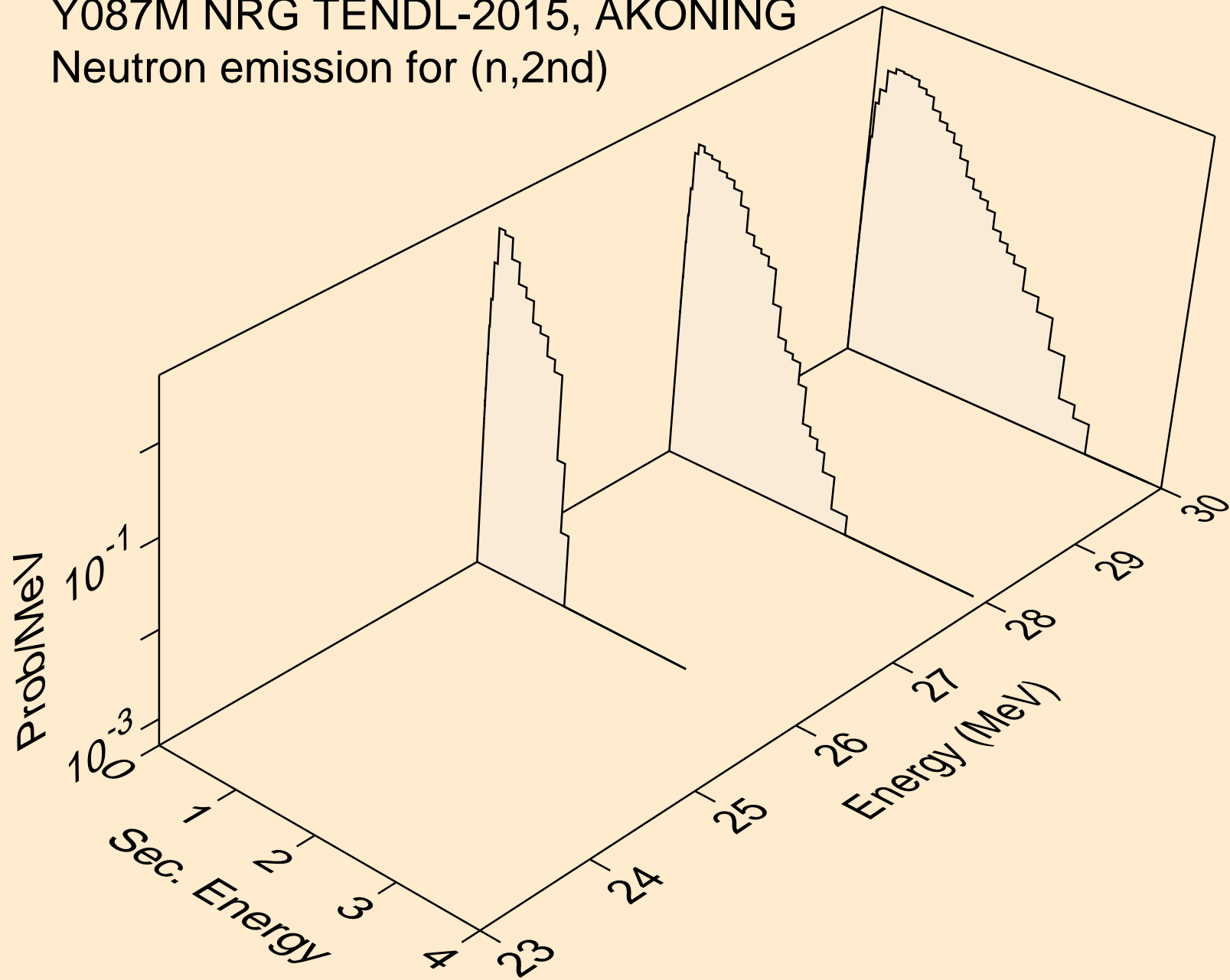
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angular distribution for (n,n\*29)



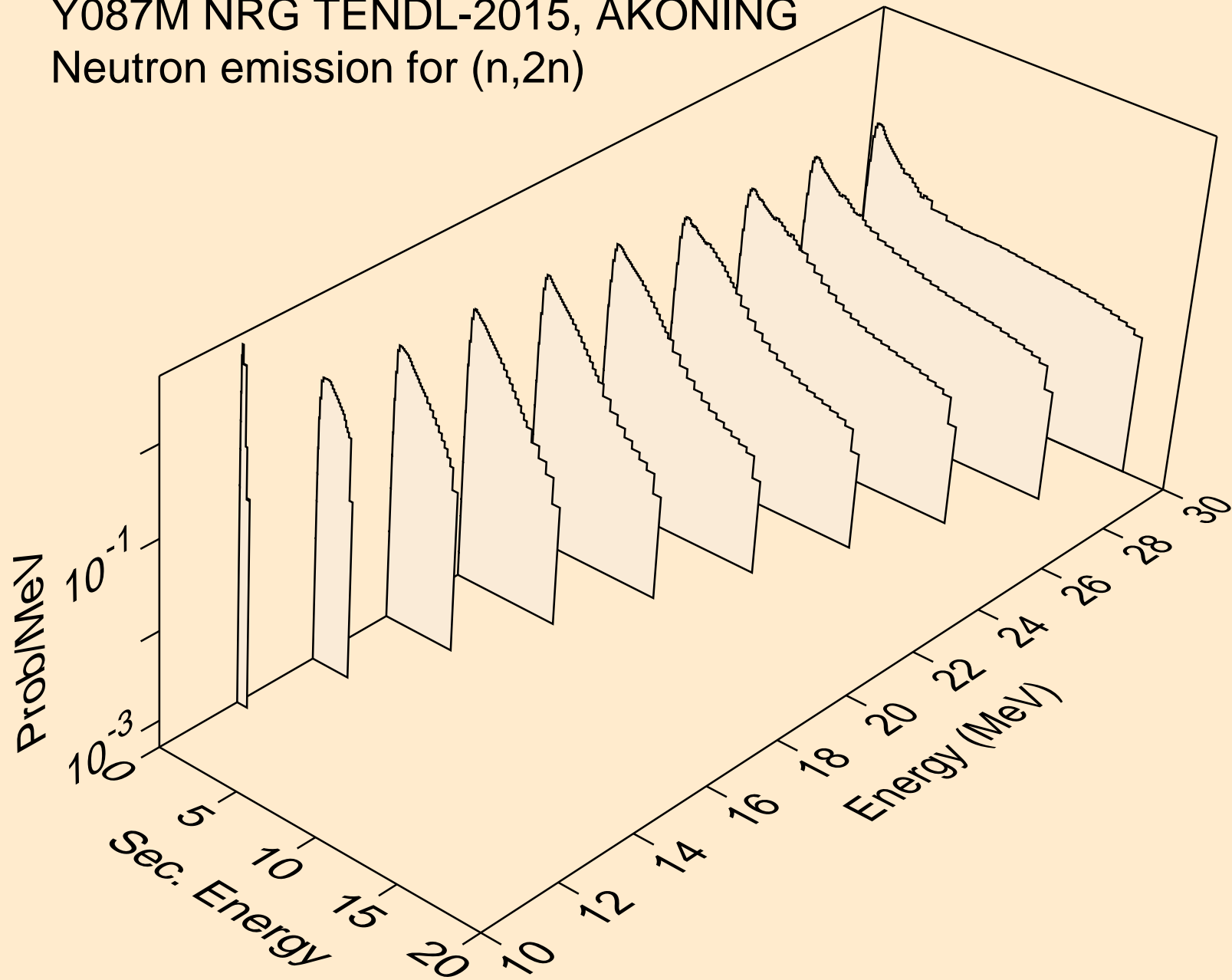
Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



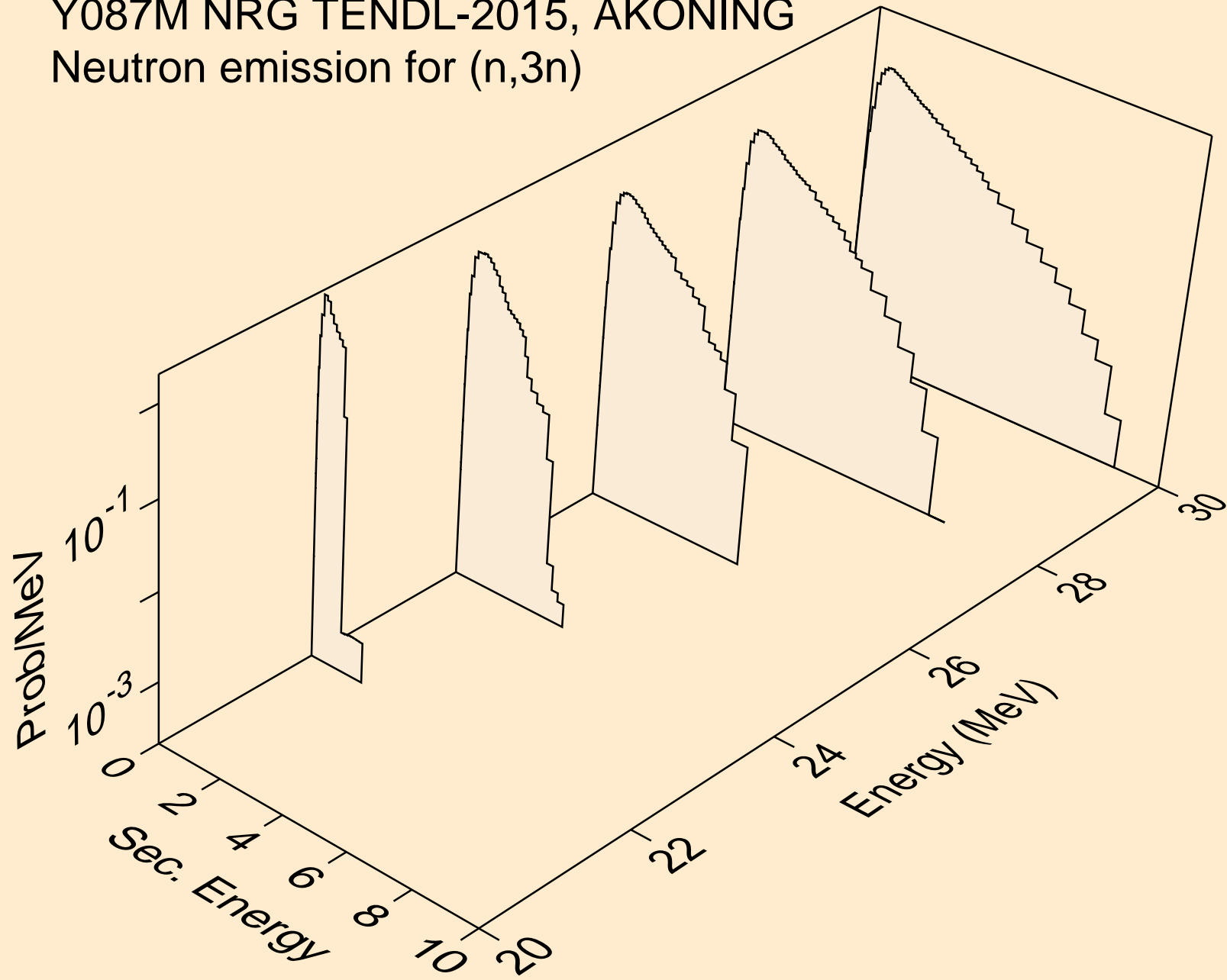
Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

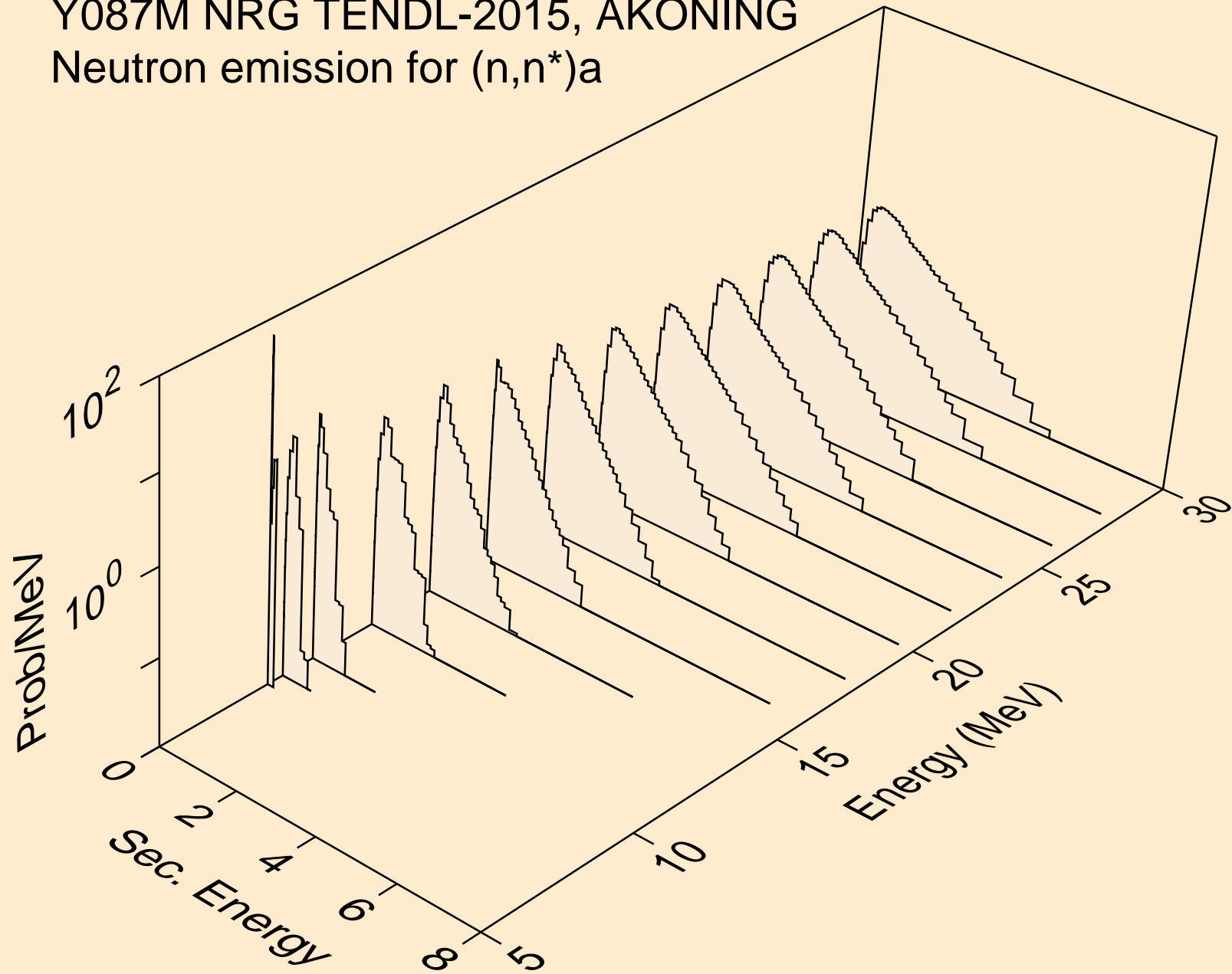


Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

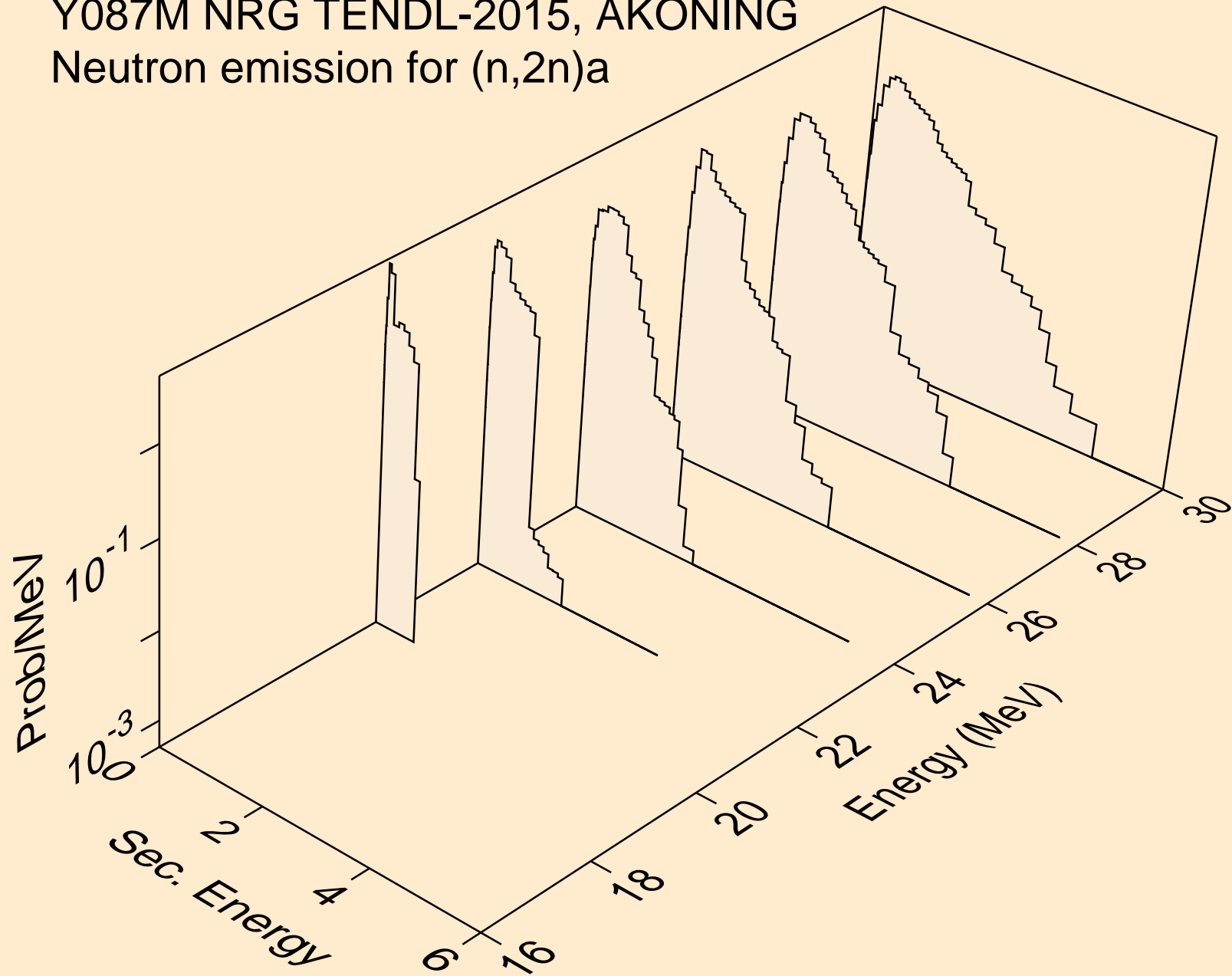




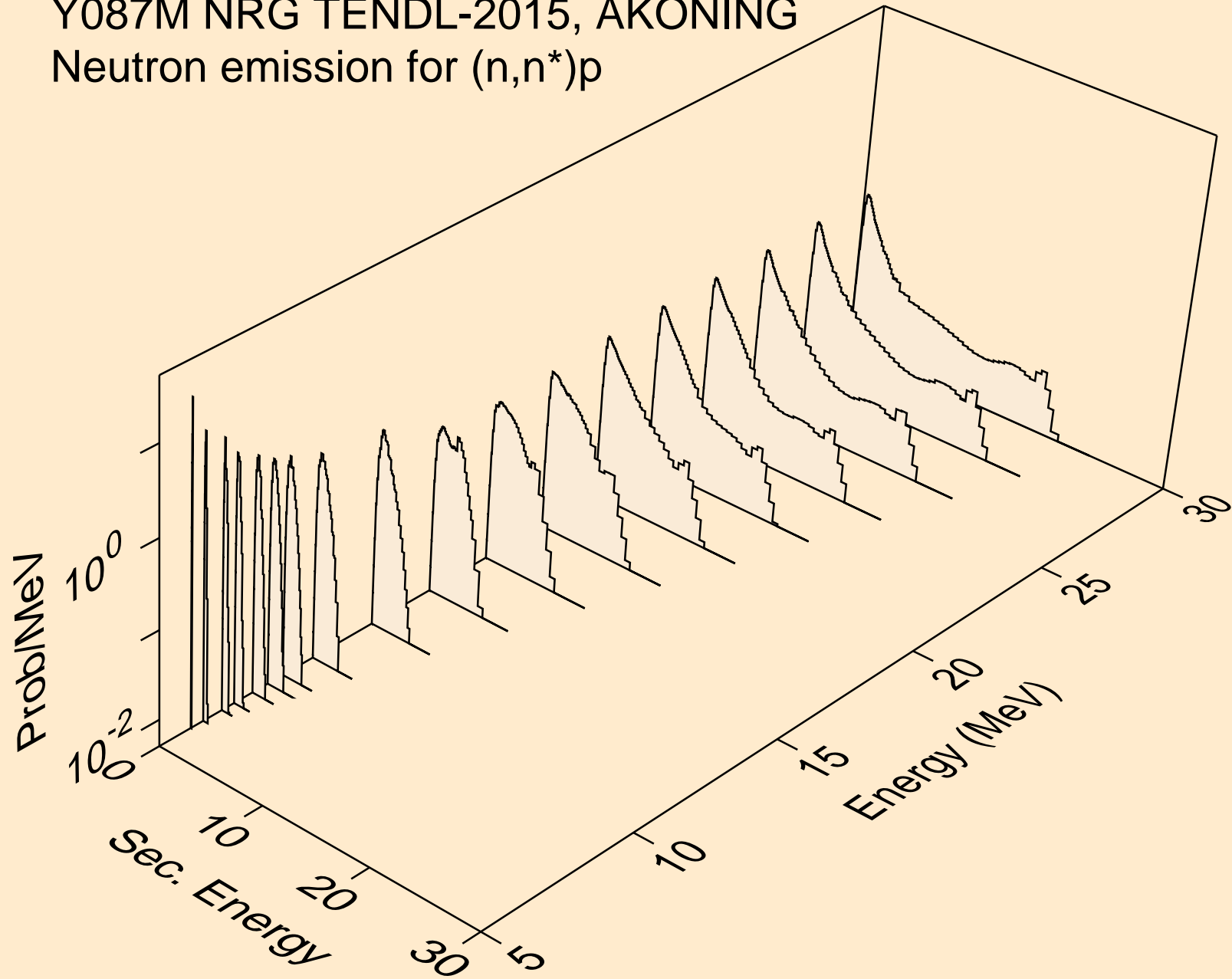
Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



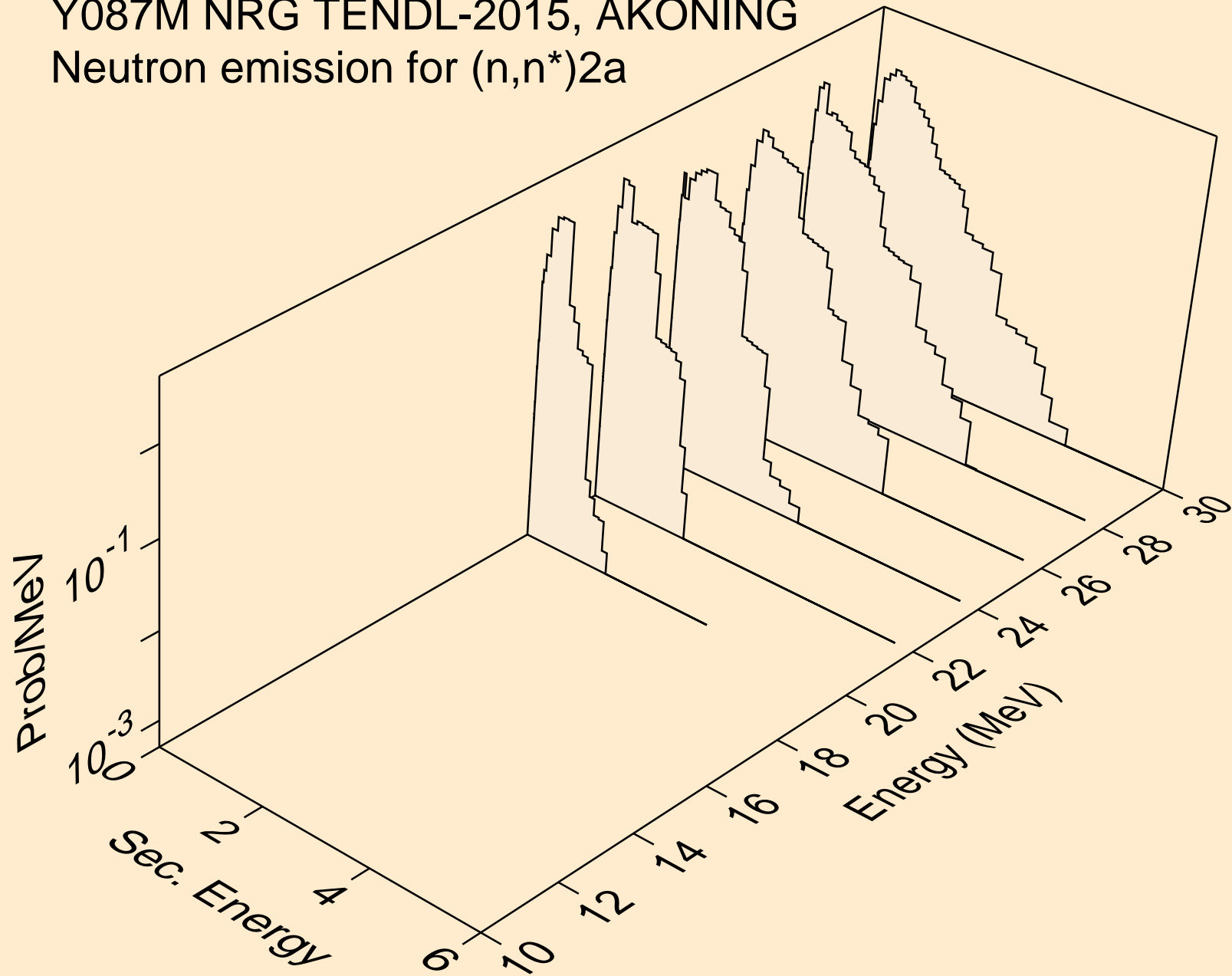
Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



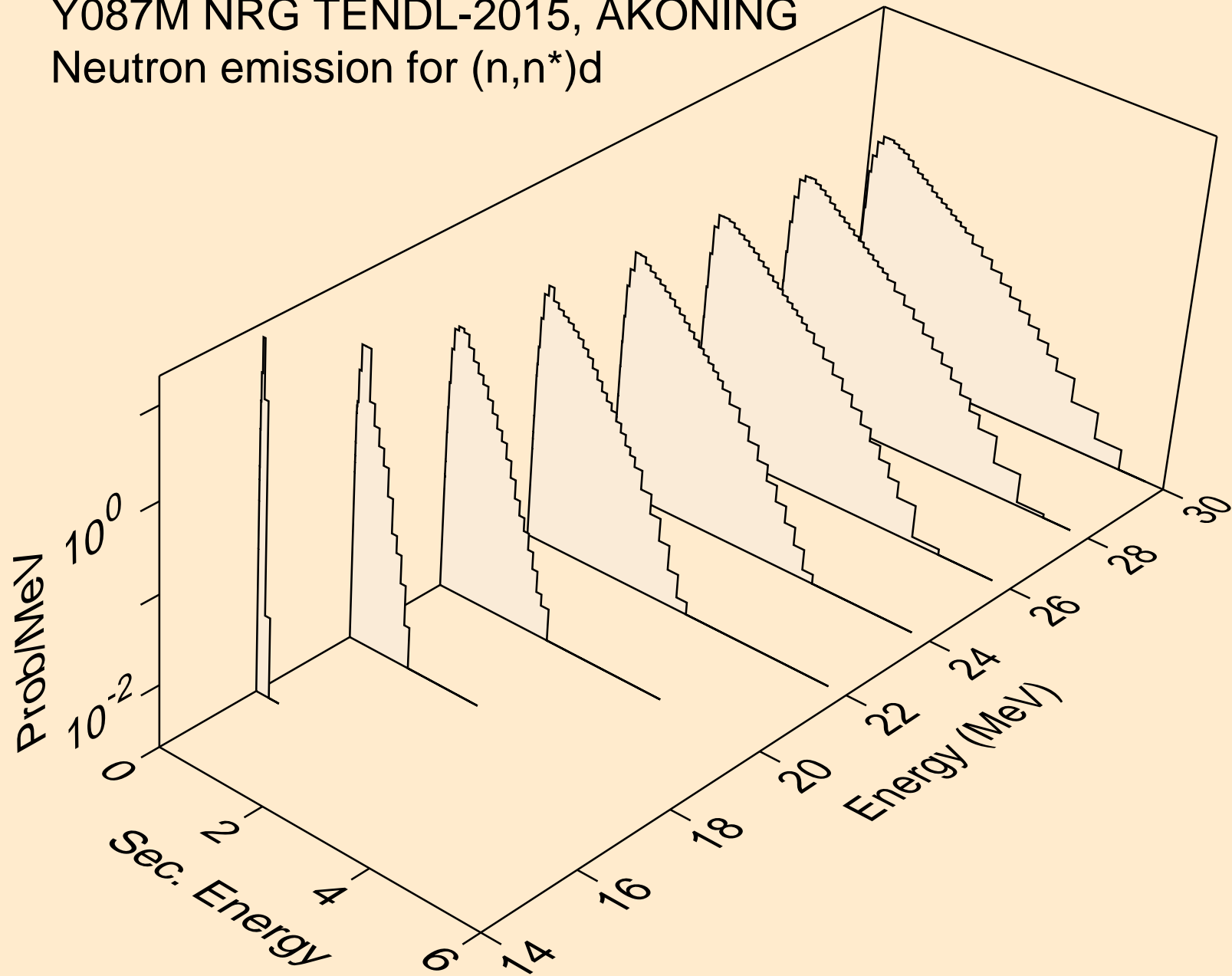
Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



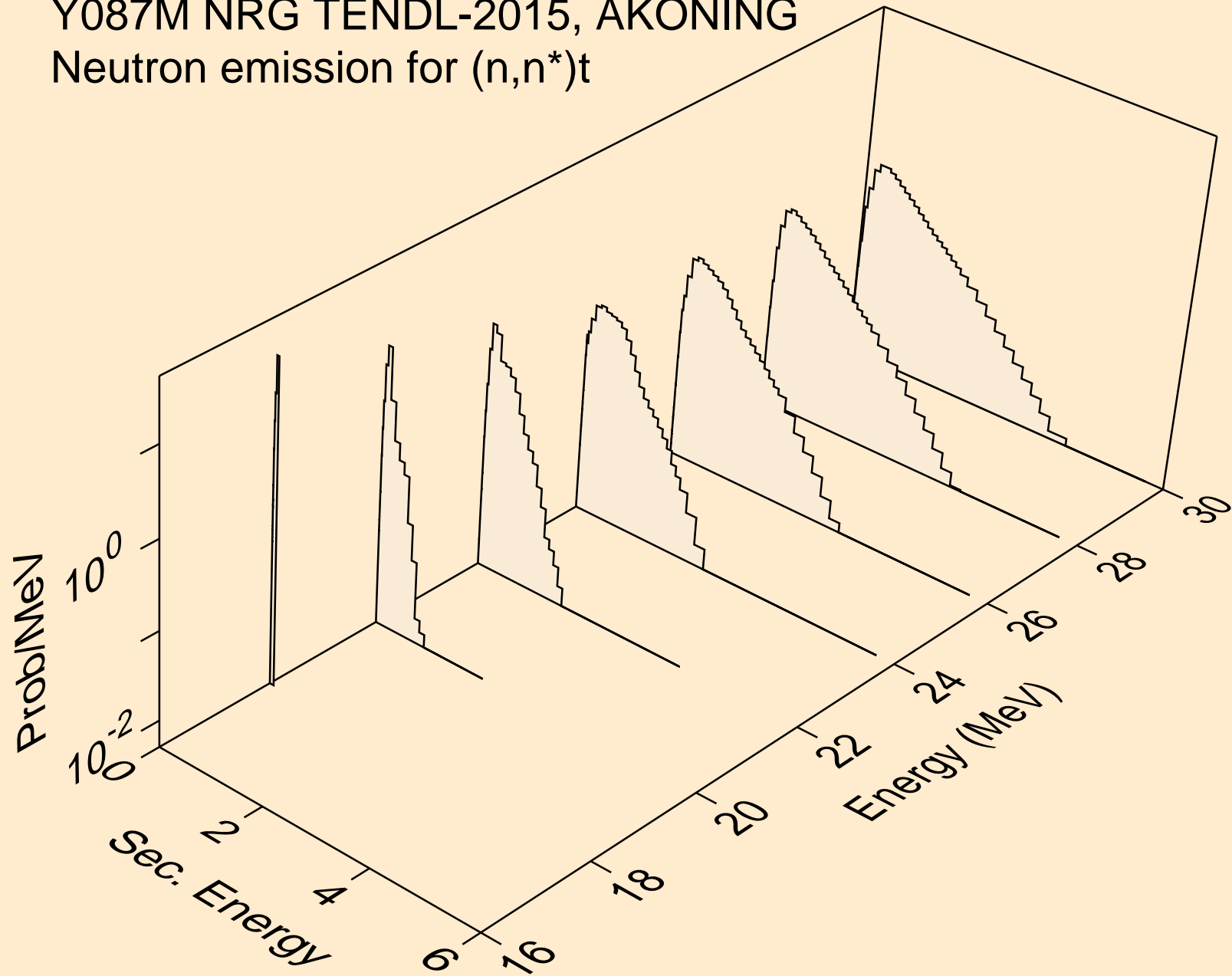
Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



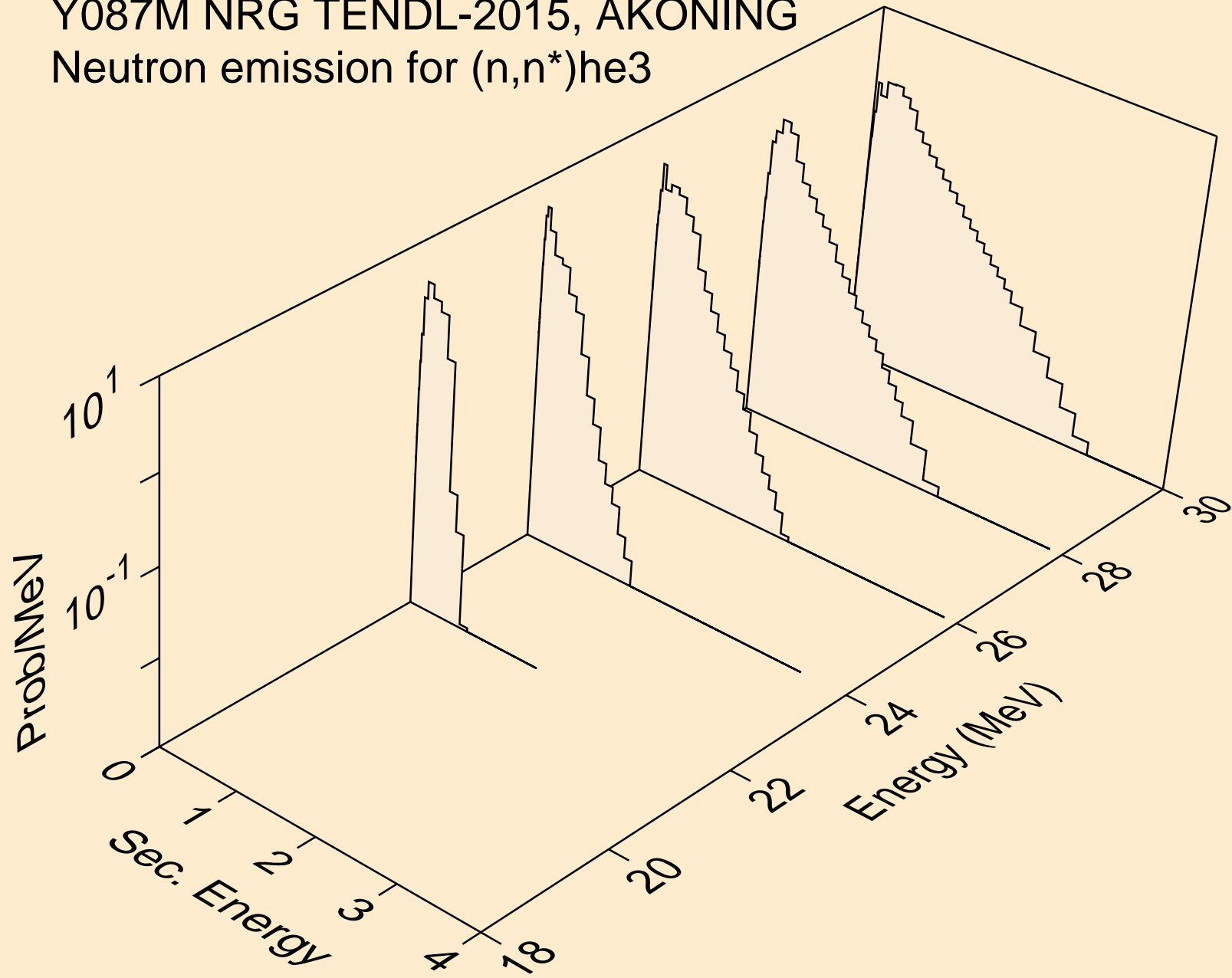
Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



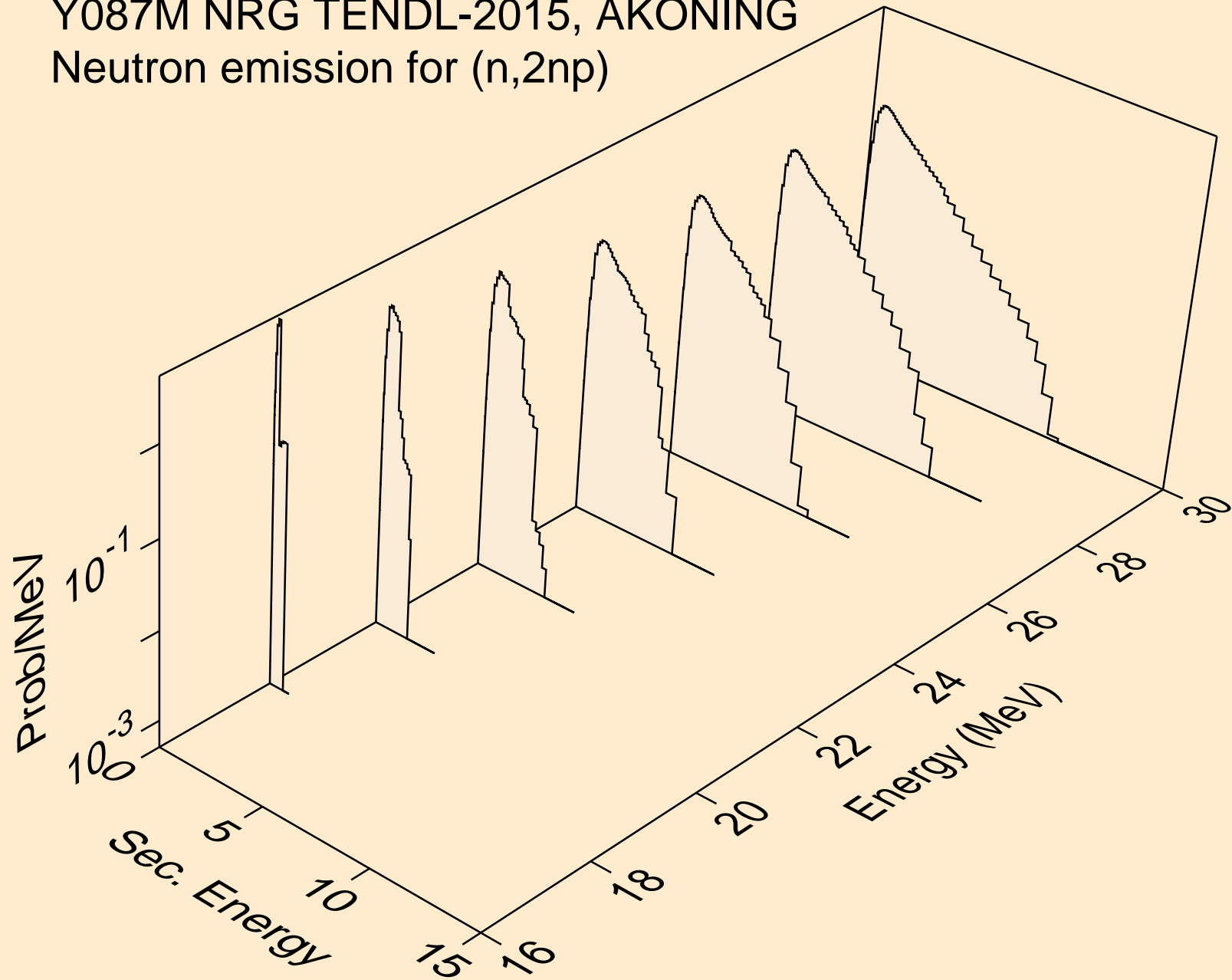
Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

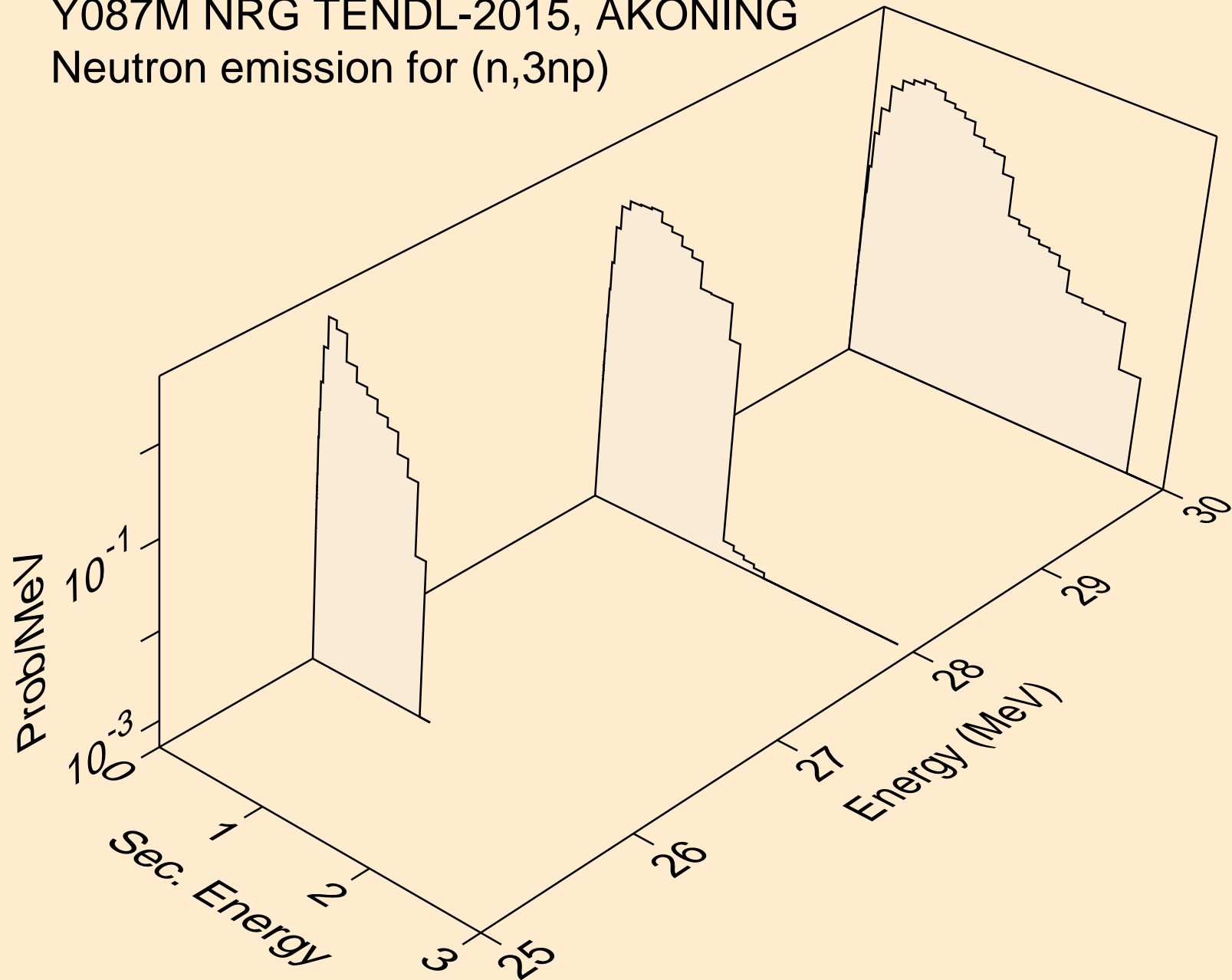


Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

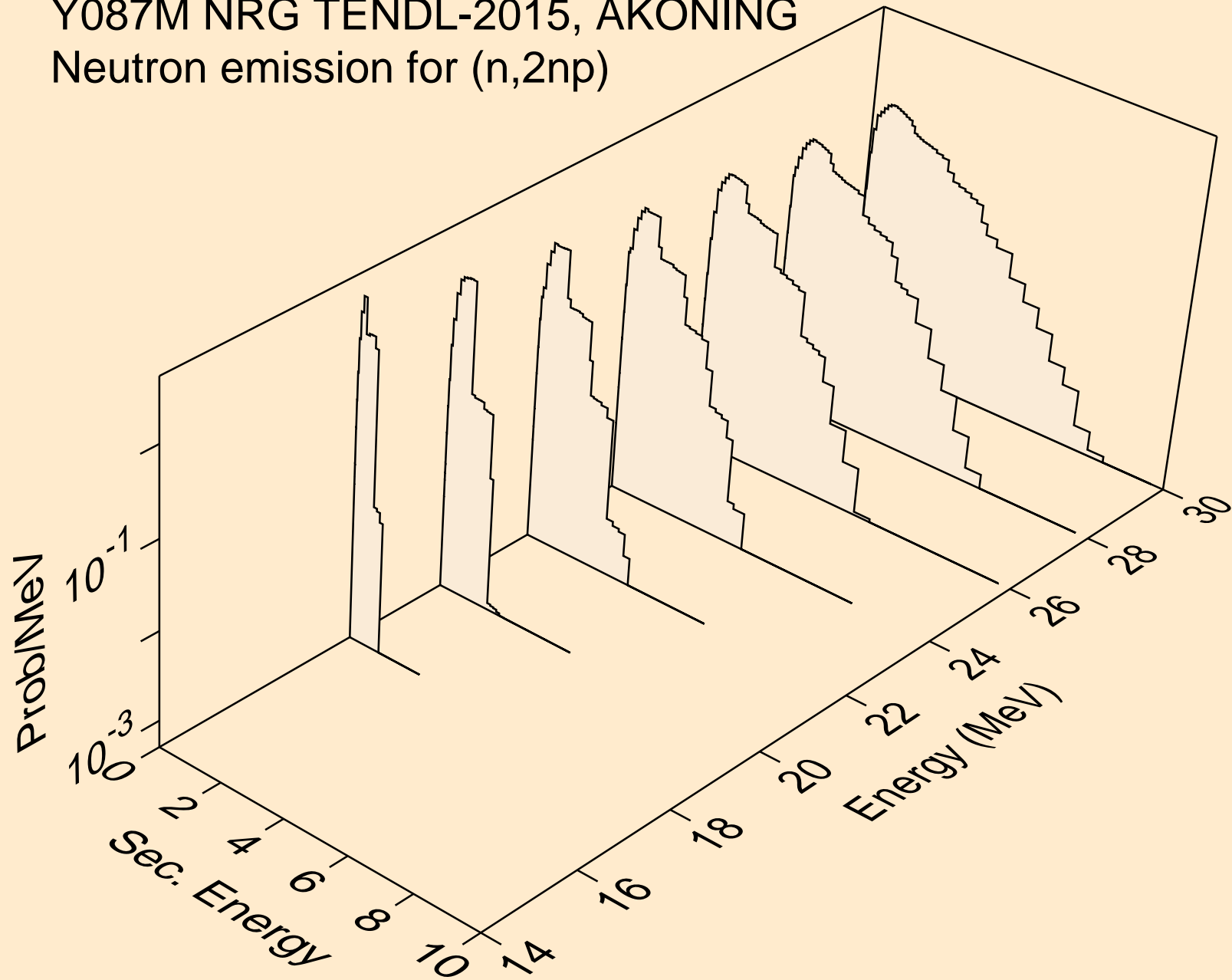




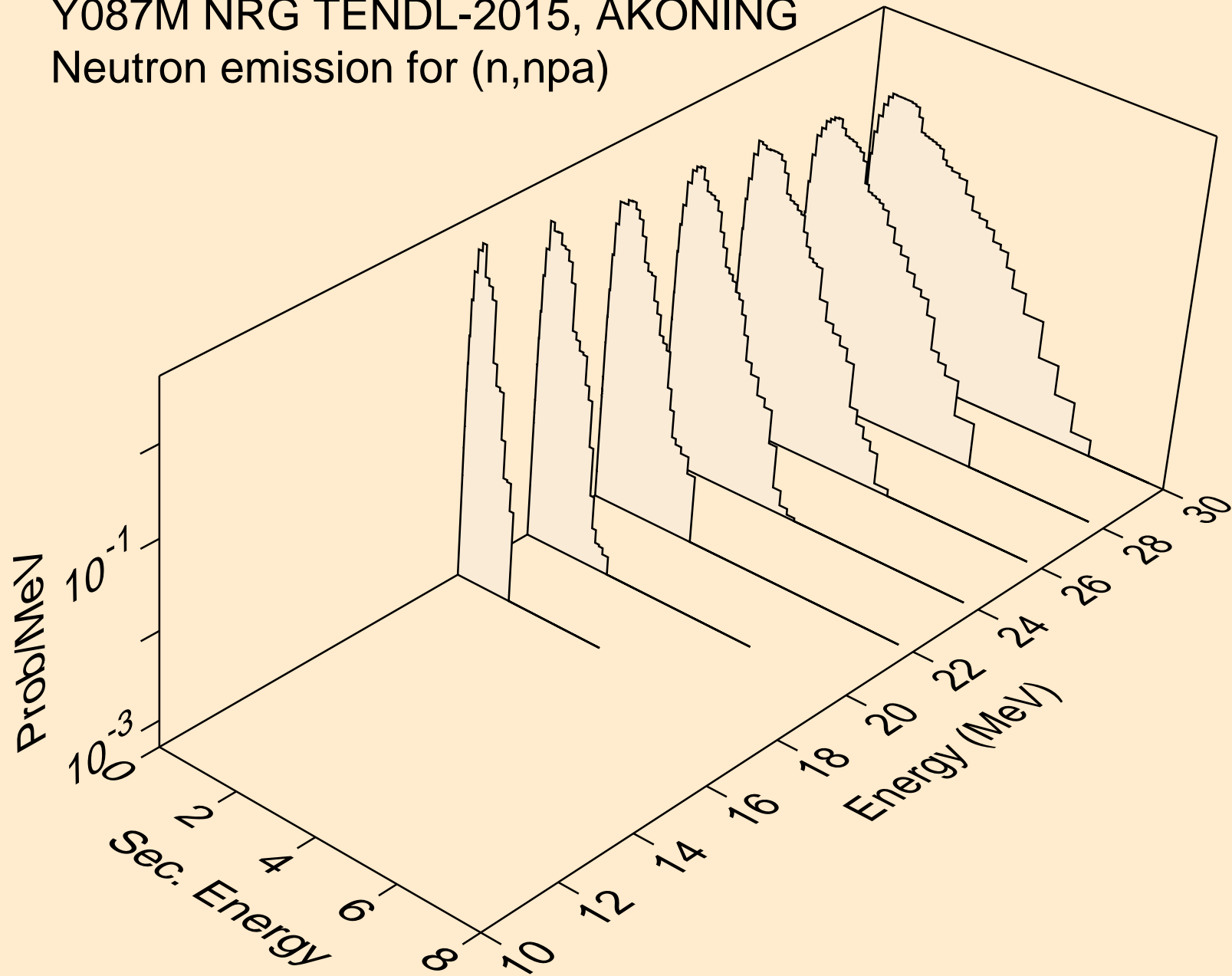
Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



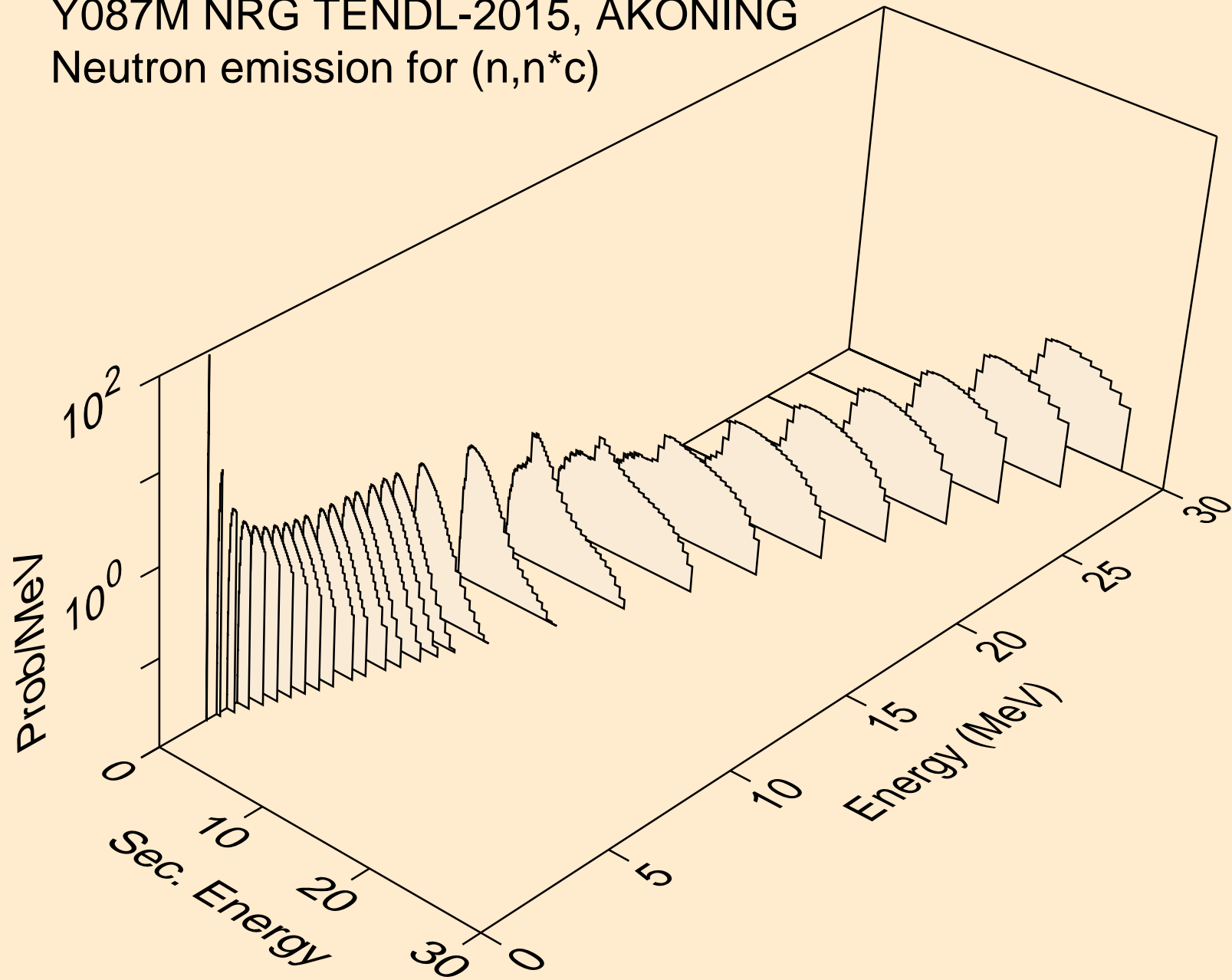
Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



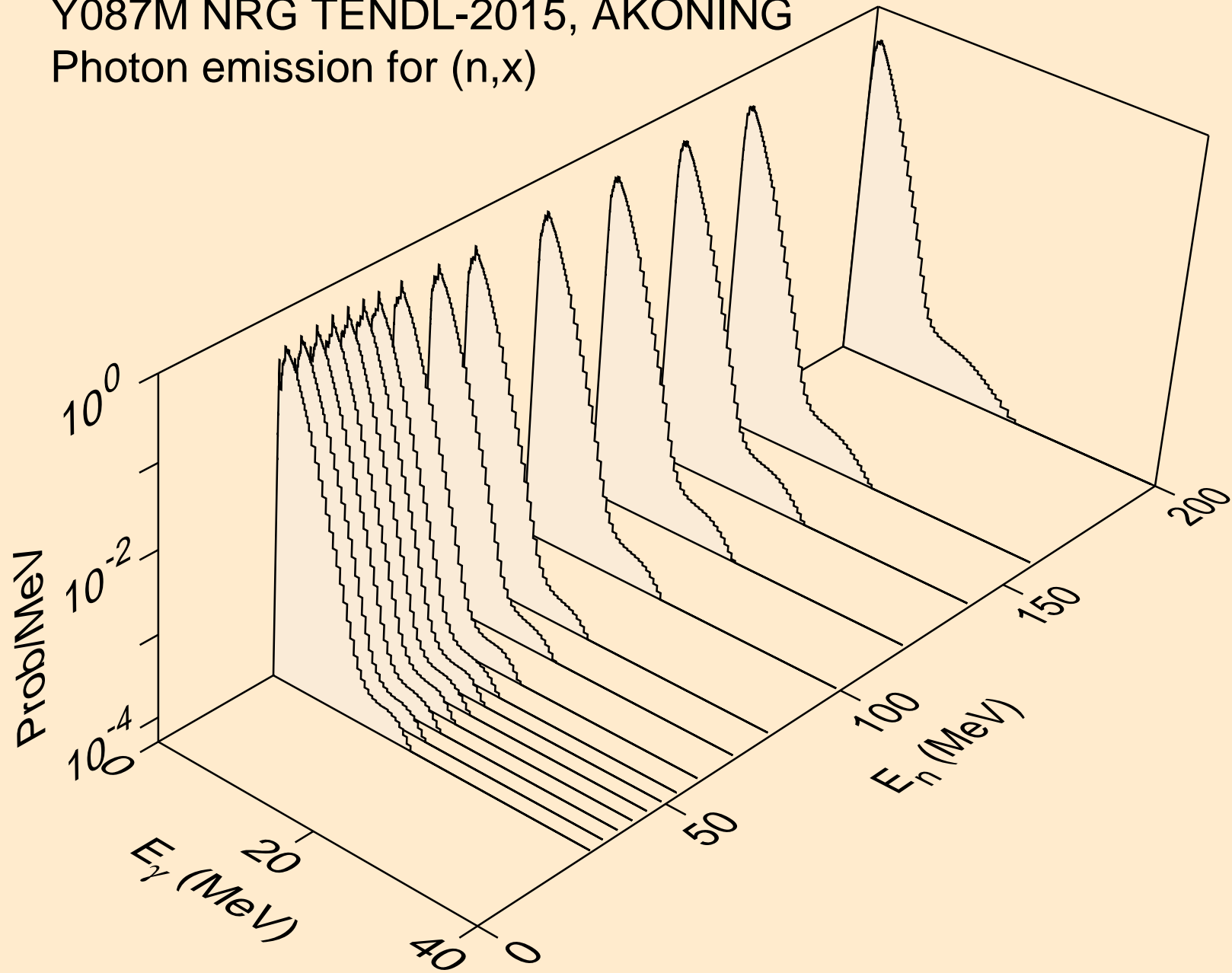
Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



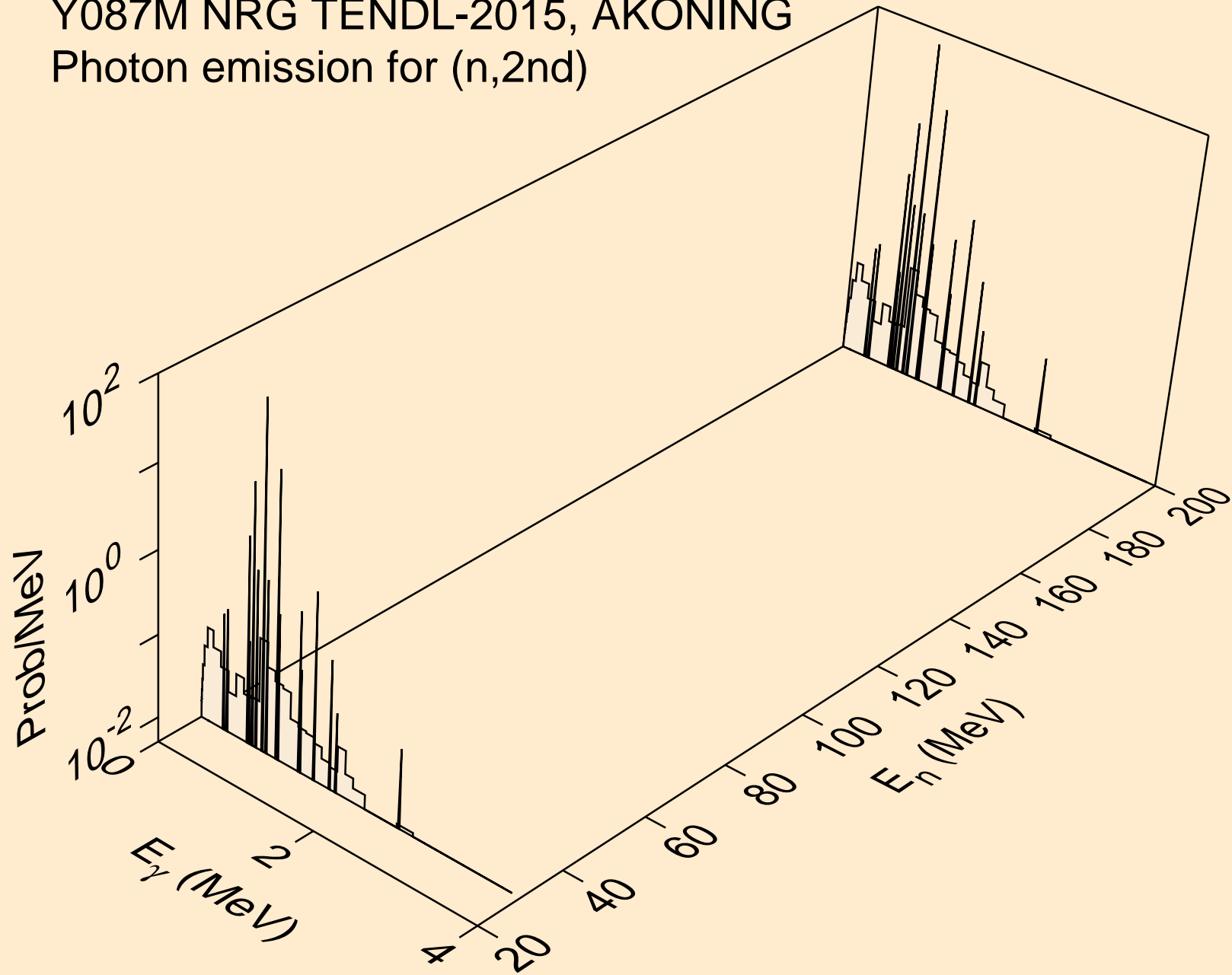
Y087M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



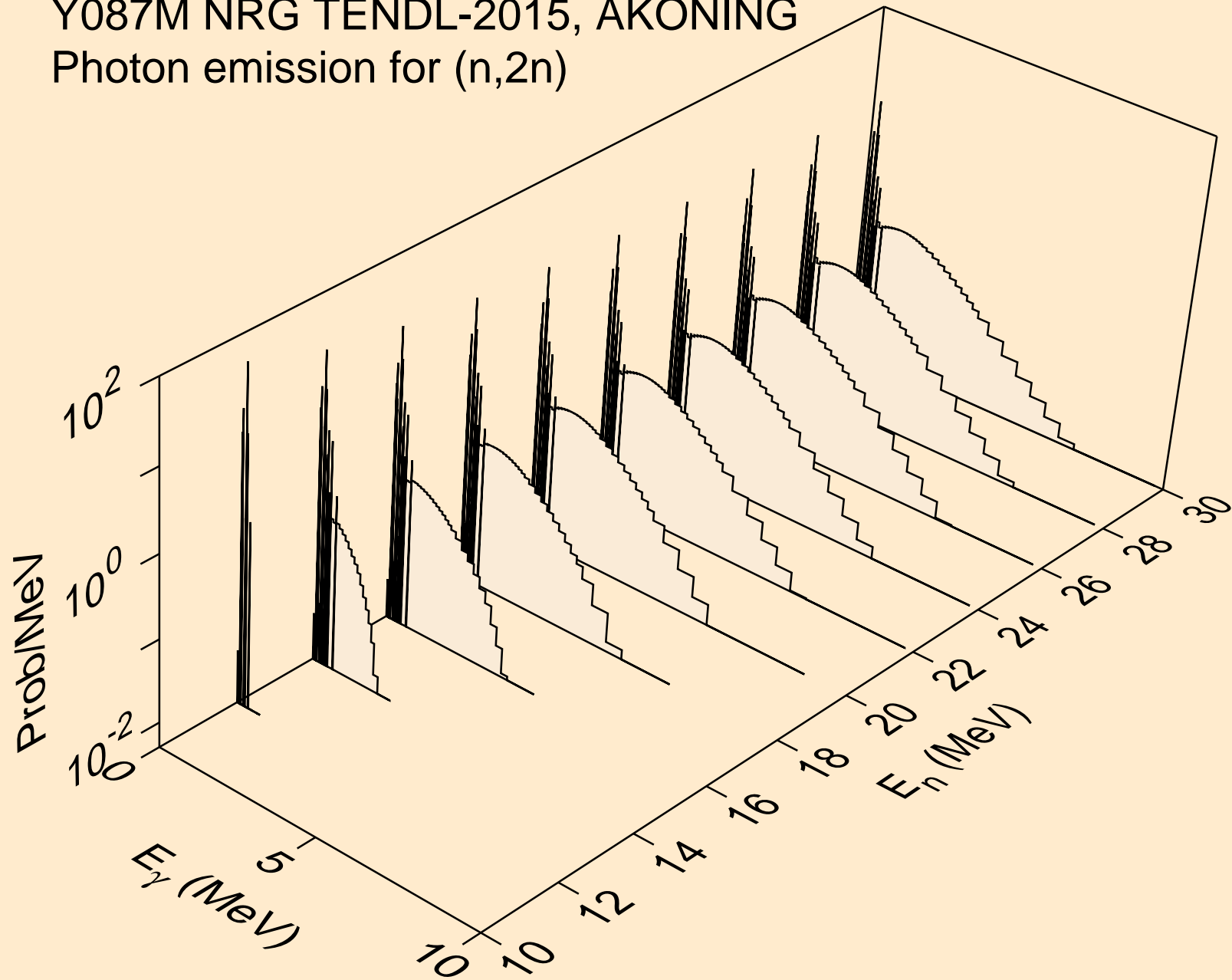
Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



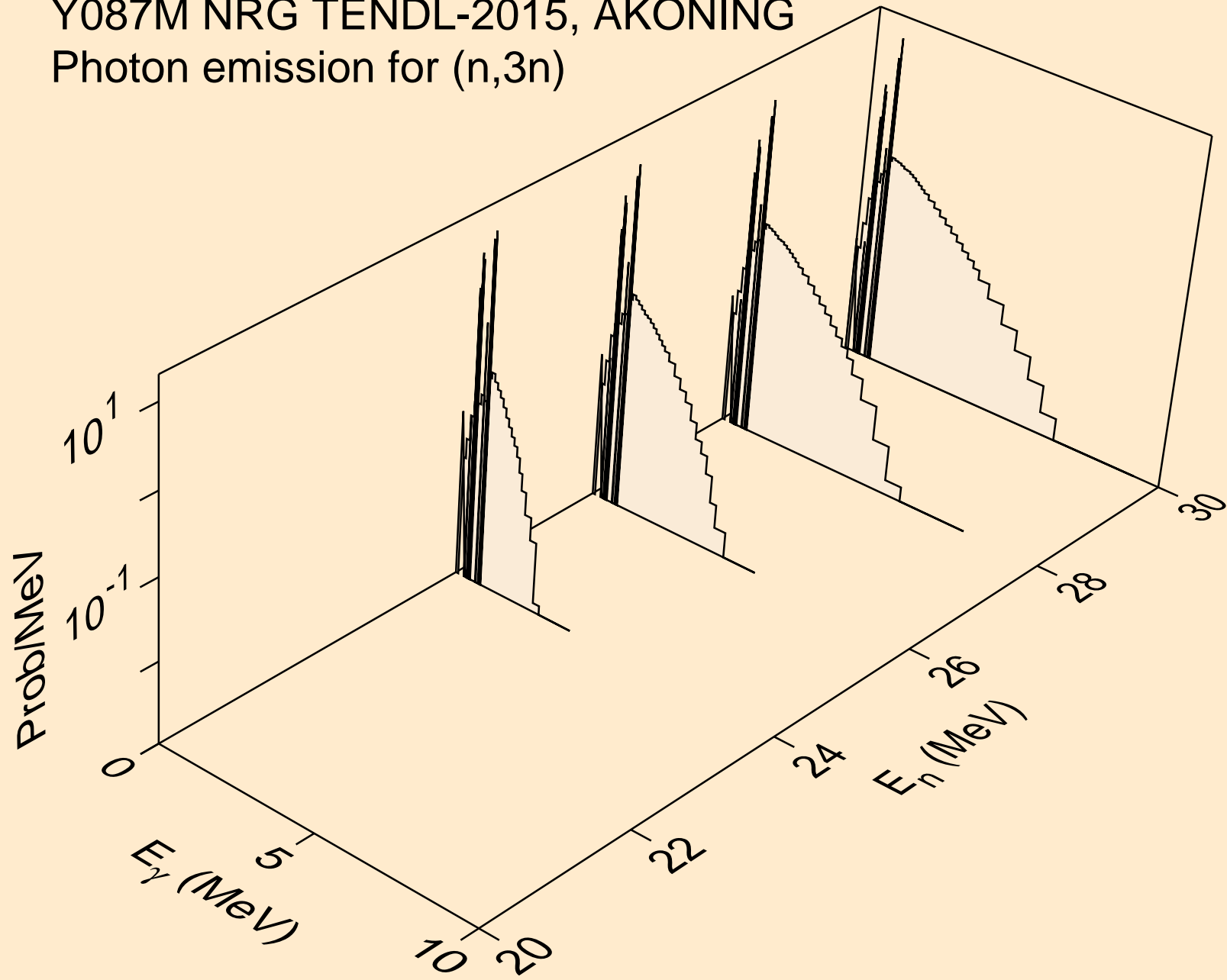
Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

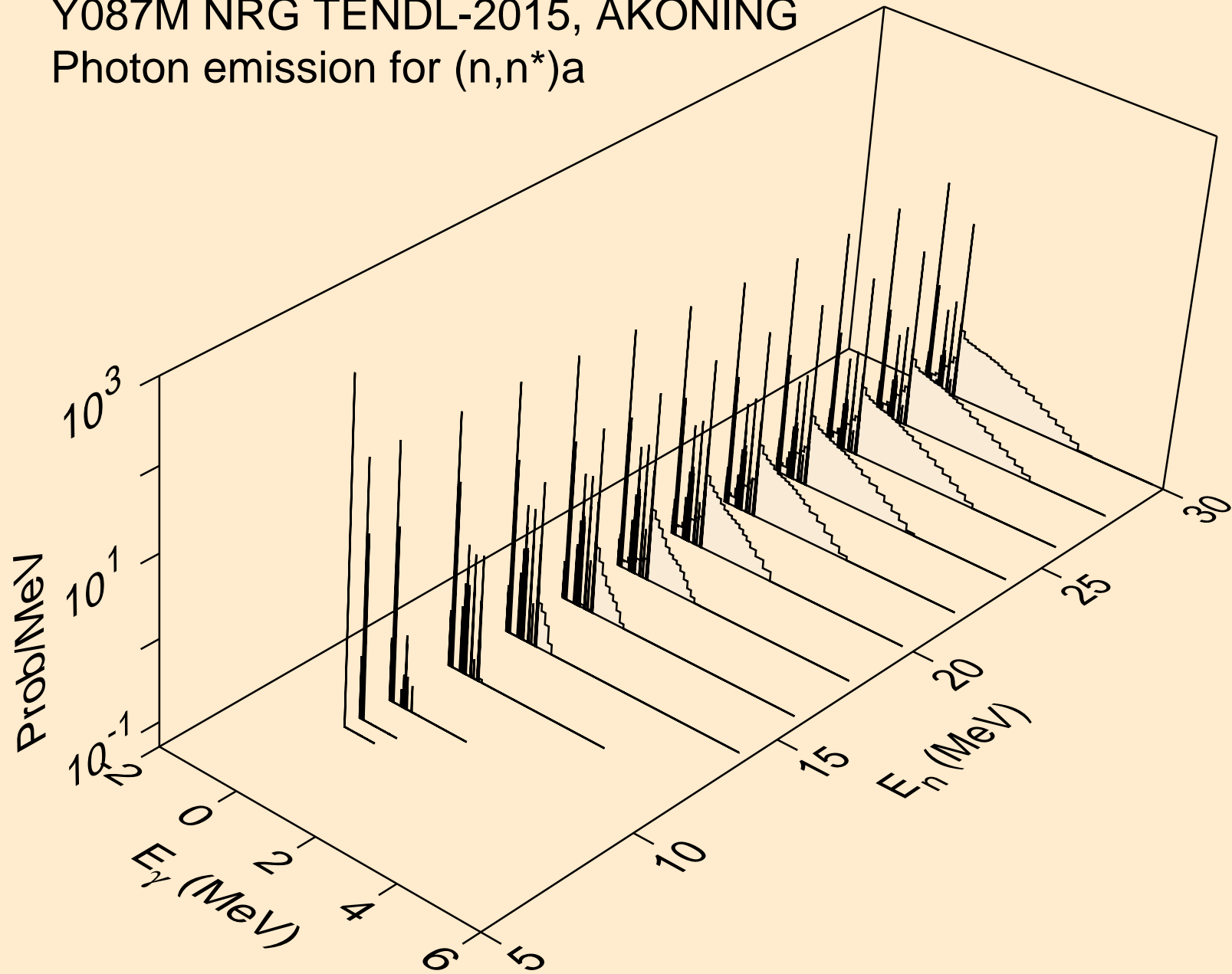


Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

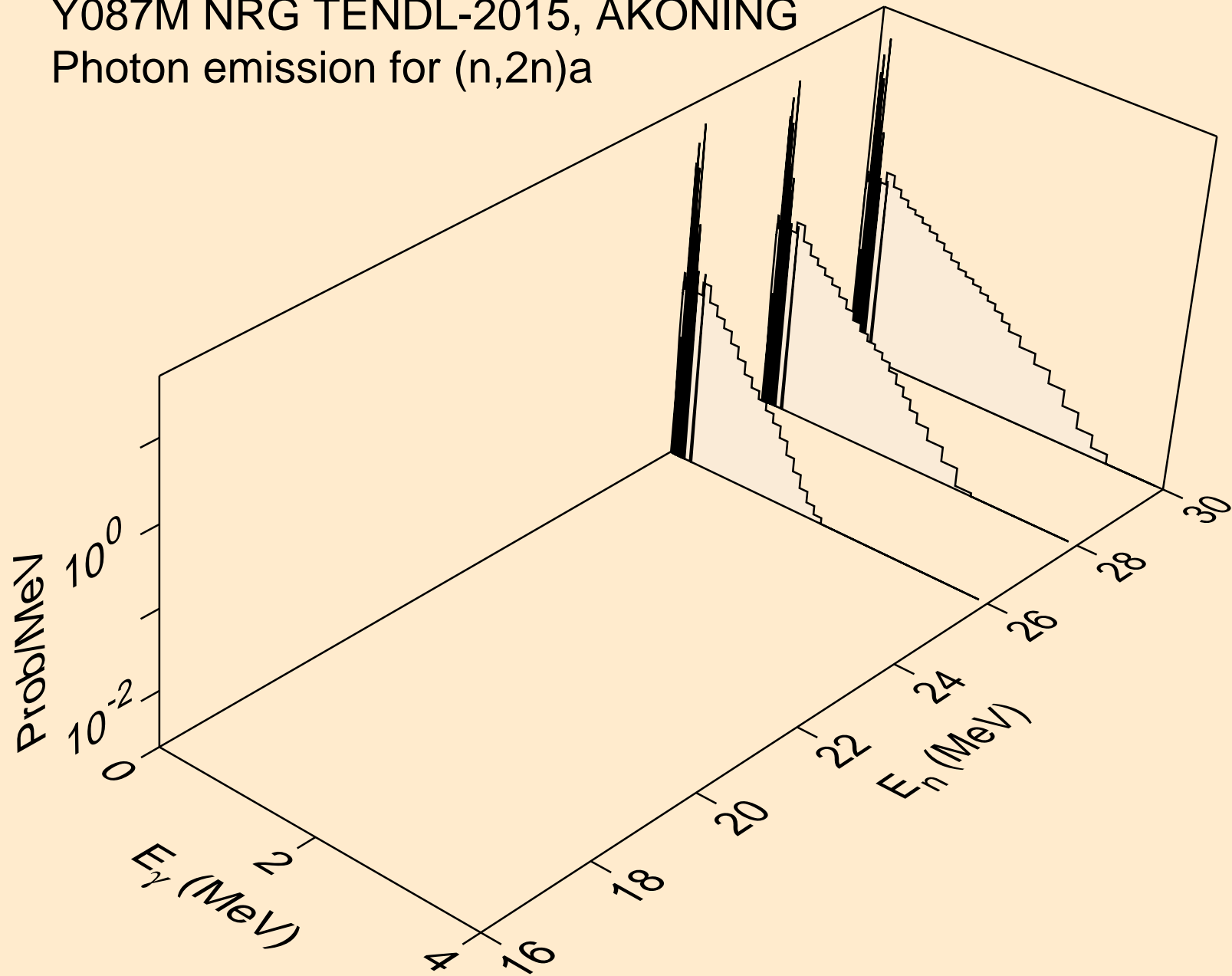




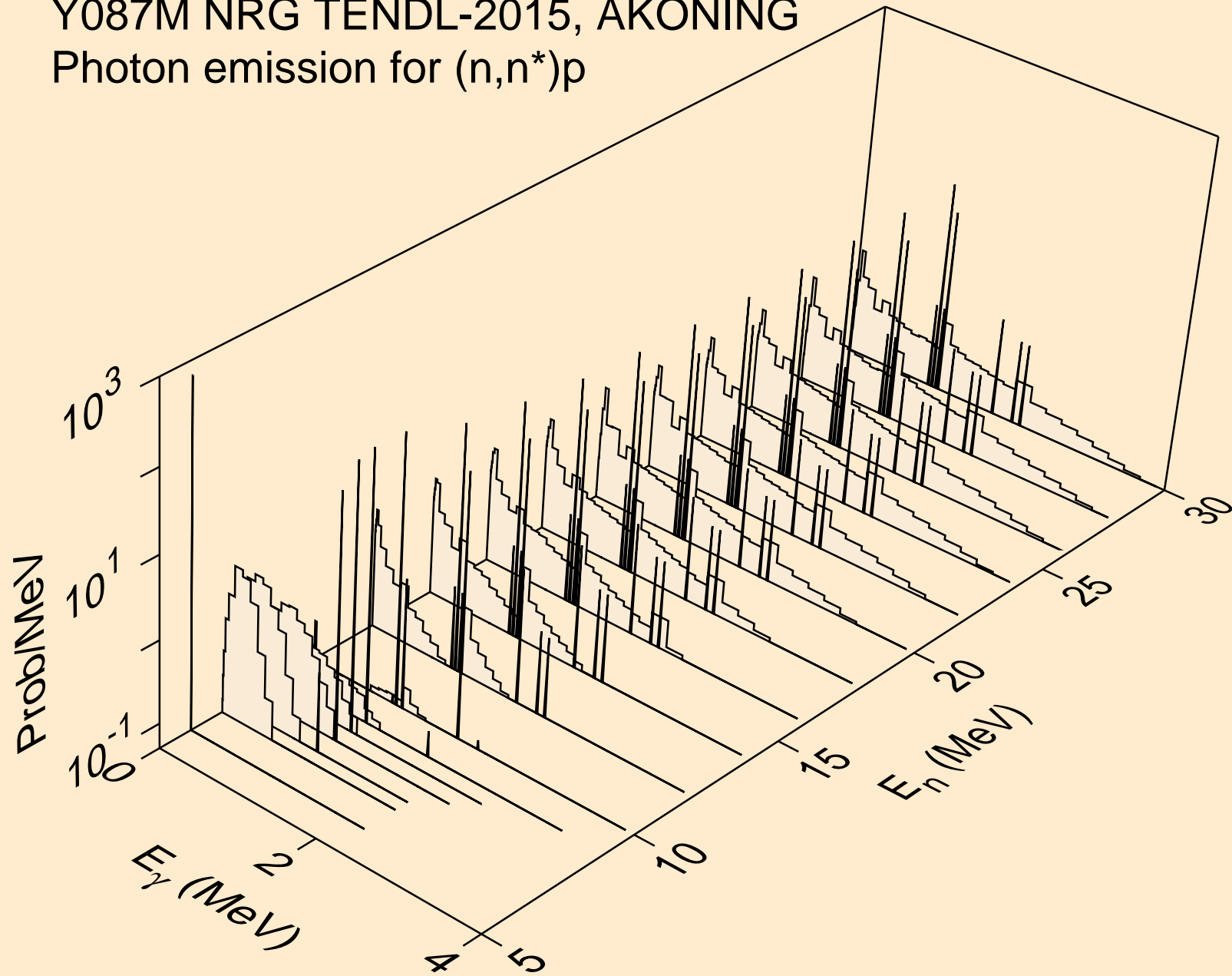
Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



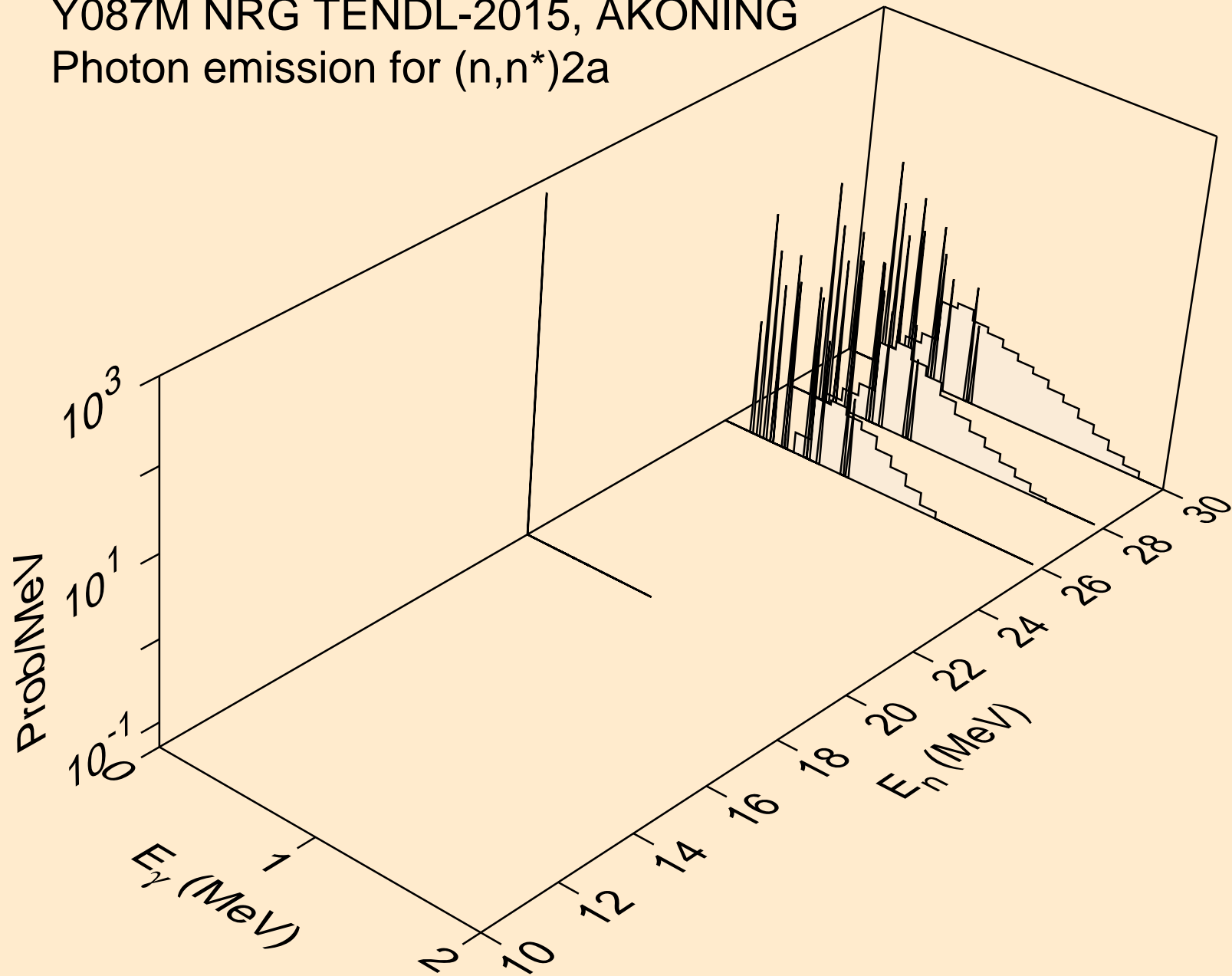
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Photon emission for (n,2n)a



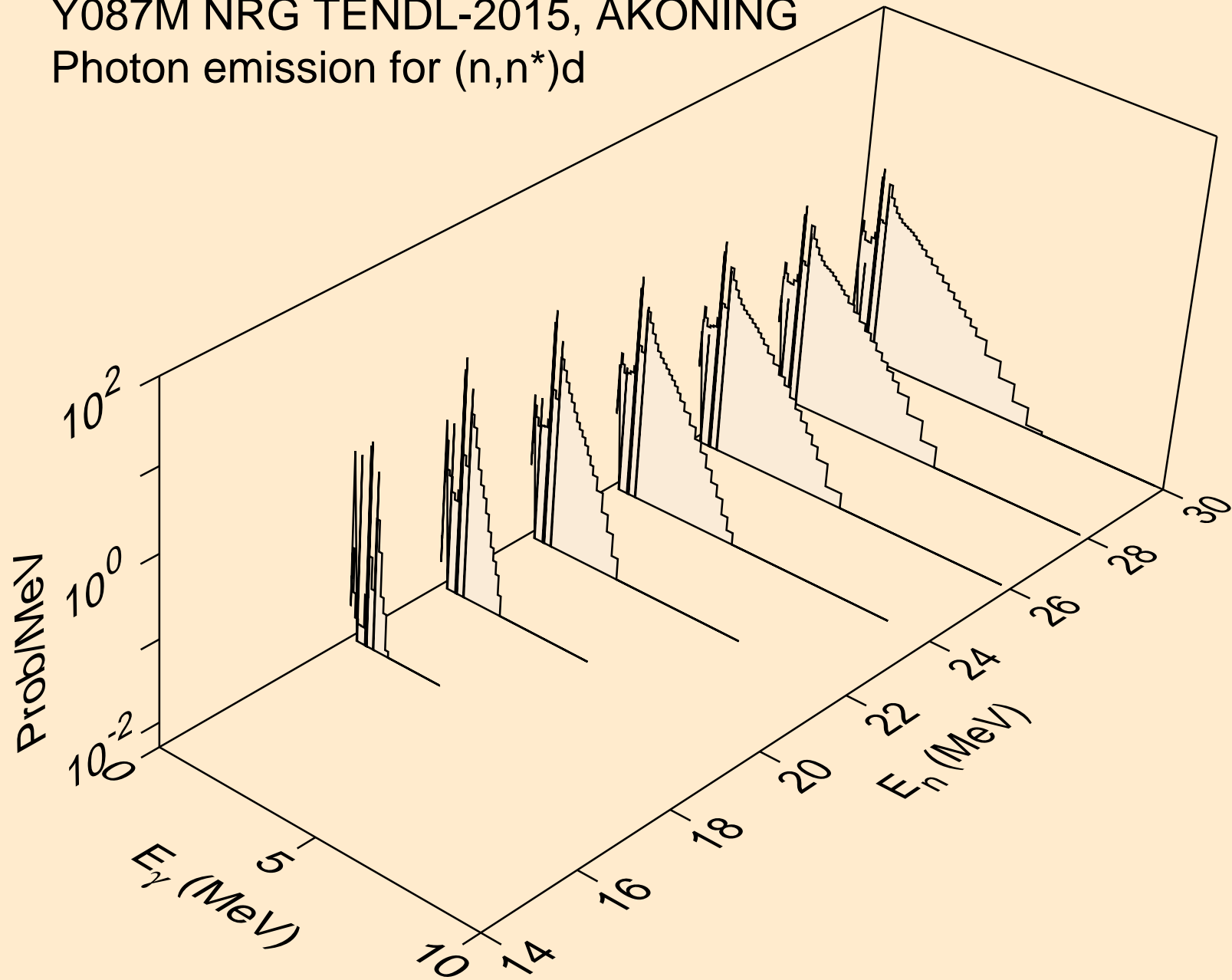
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Photon emission for (n,n\*)p



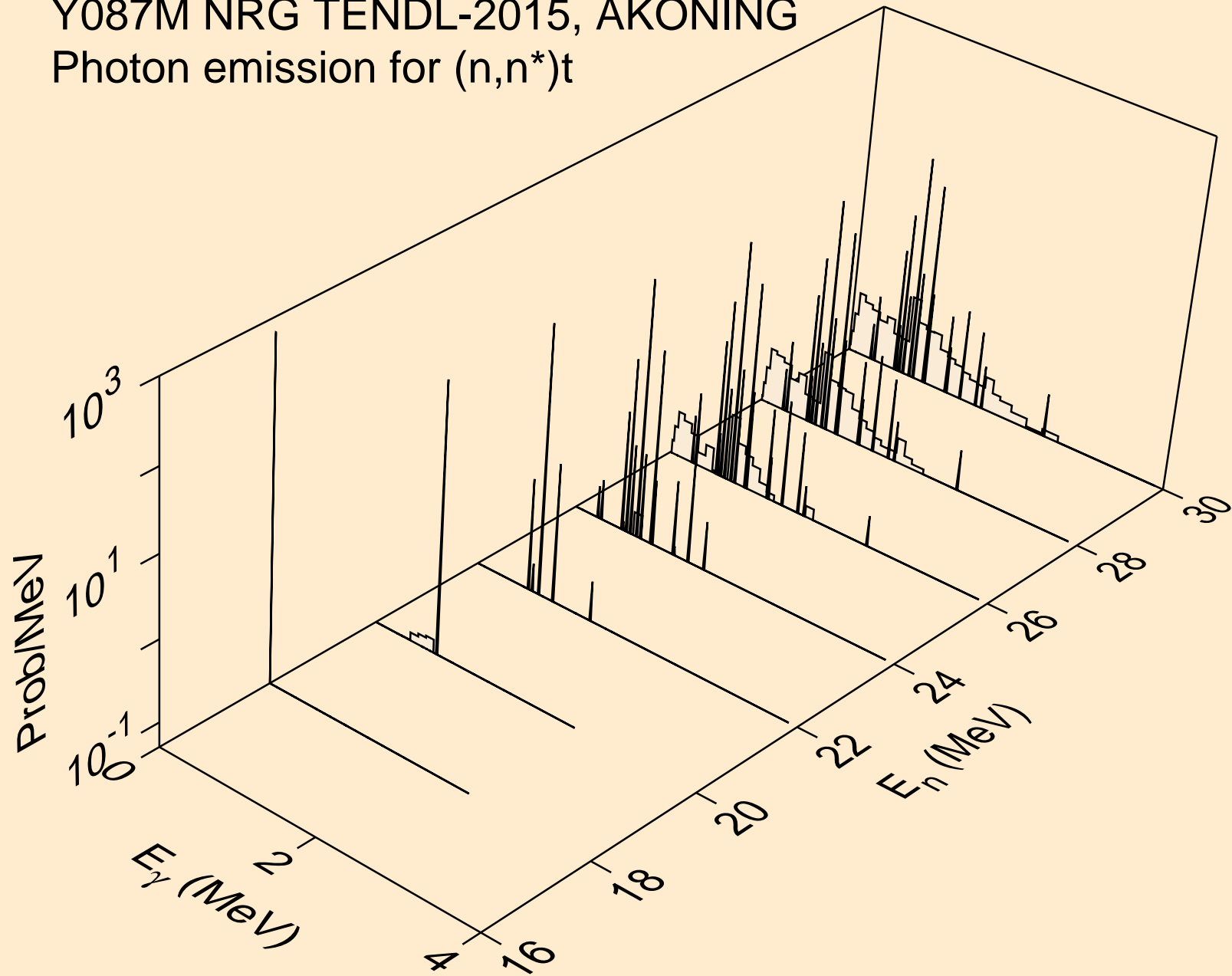
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Photon emission for (n,n\*)2a



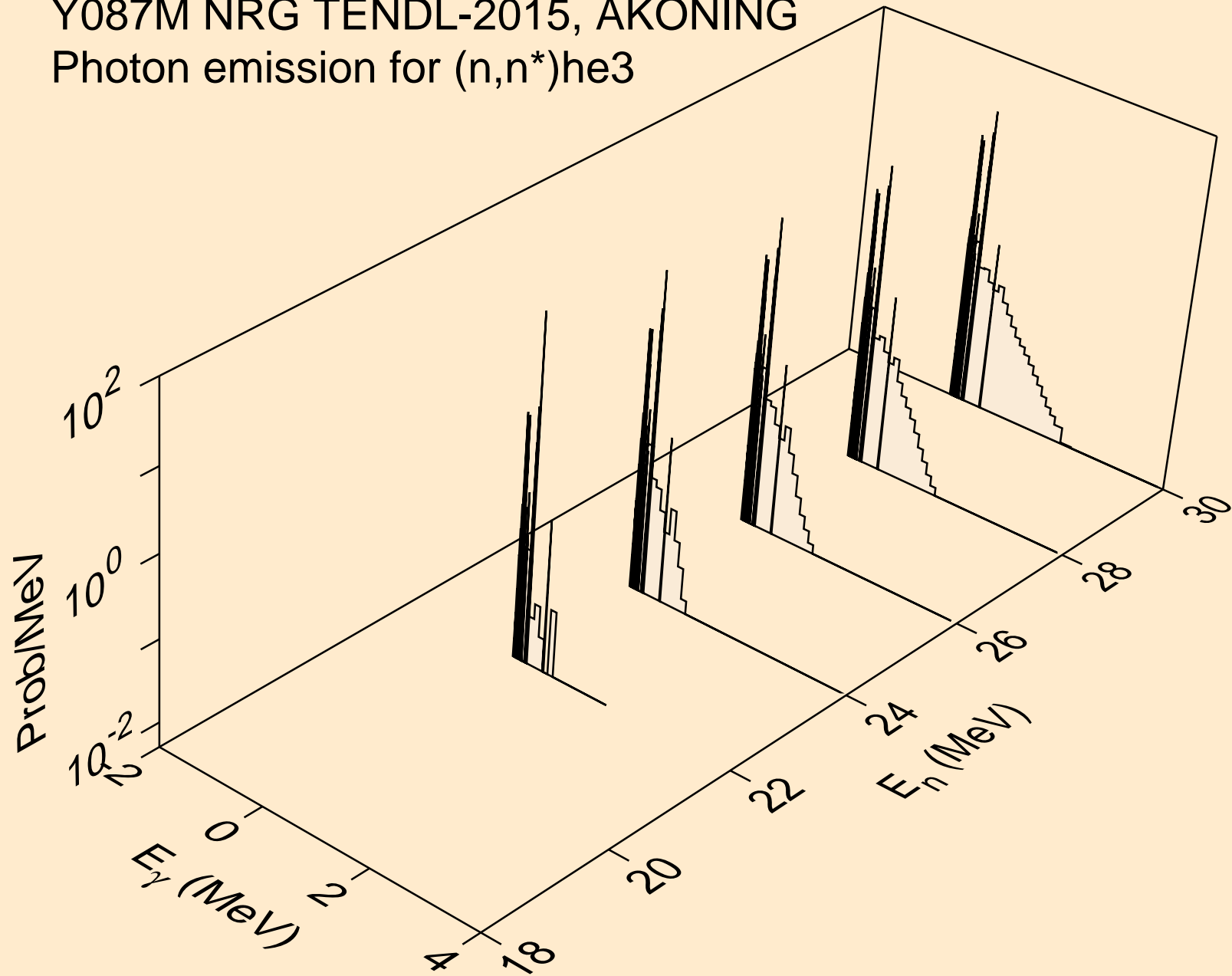
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Photon emission for (n,n\*)d



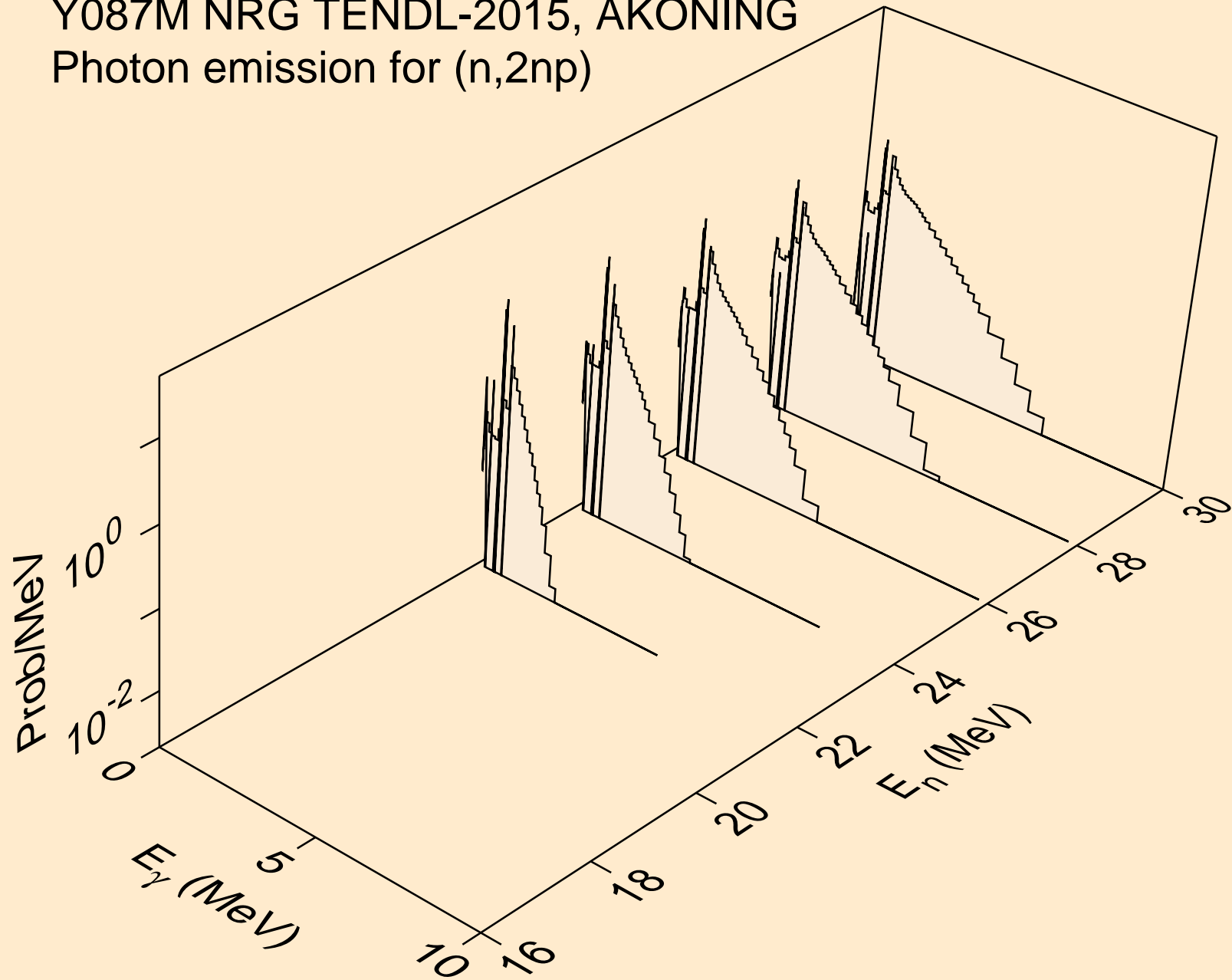
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Photon emission for (n,n\*)t



Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

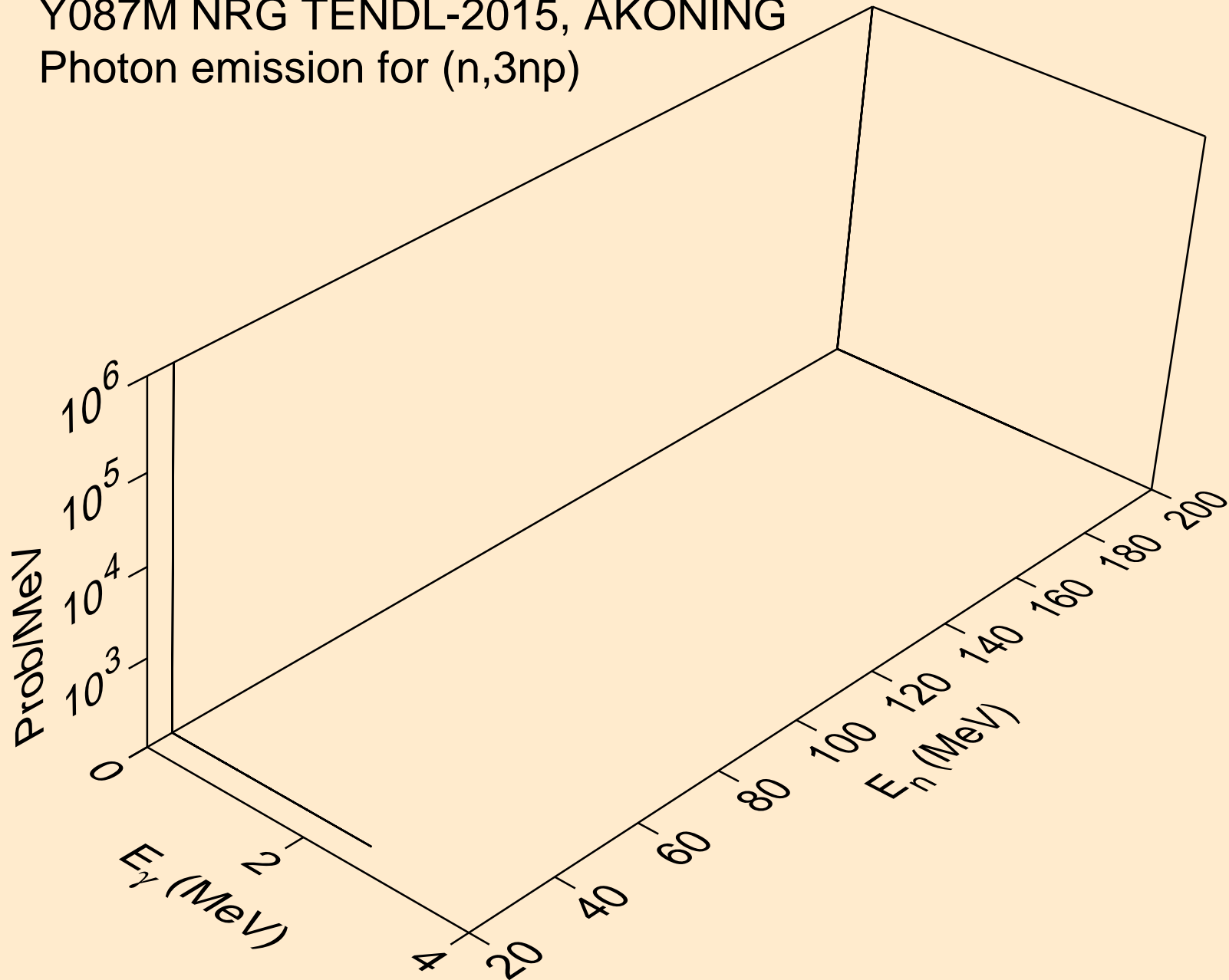


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Photon emission for (n,2np)

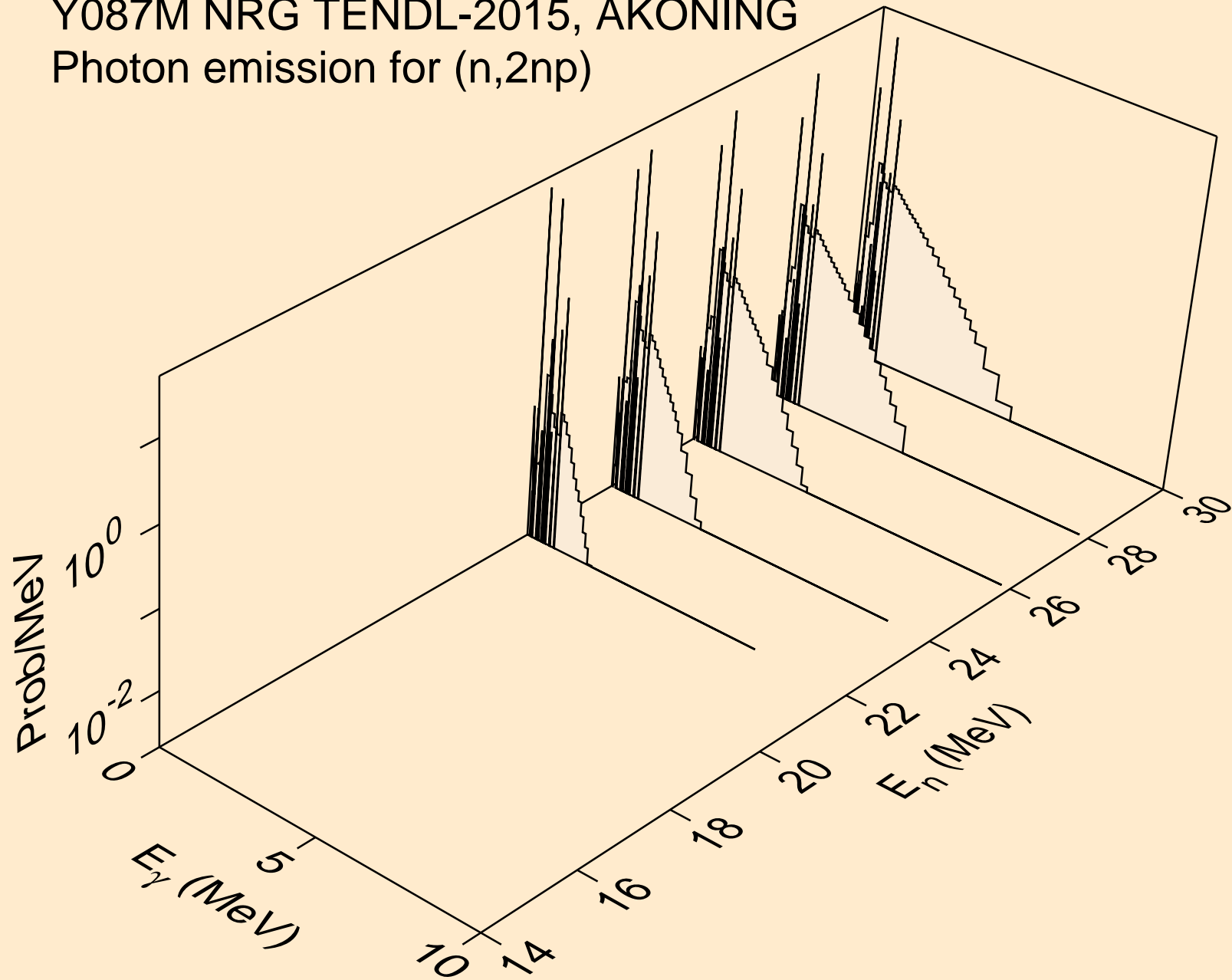




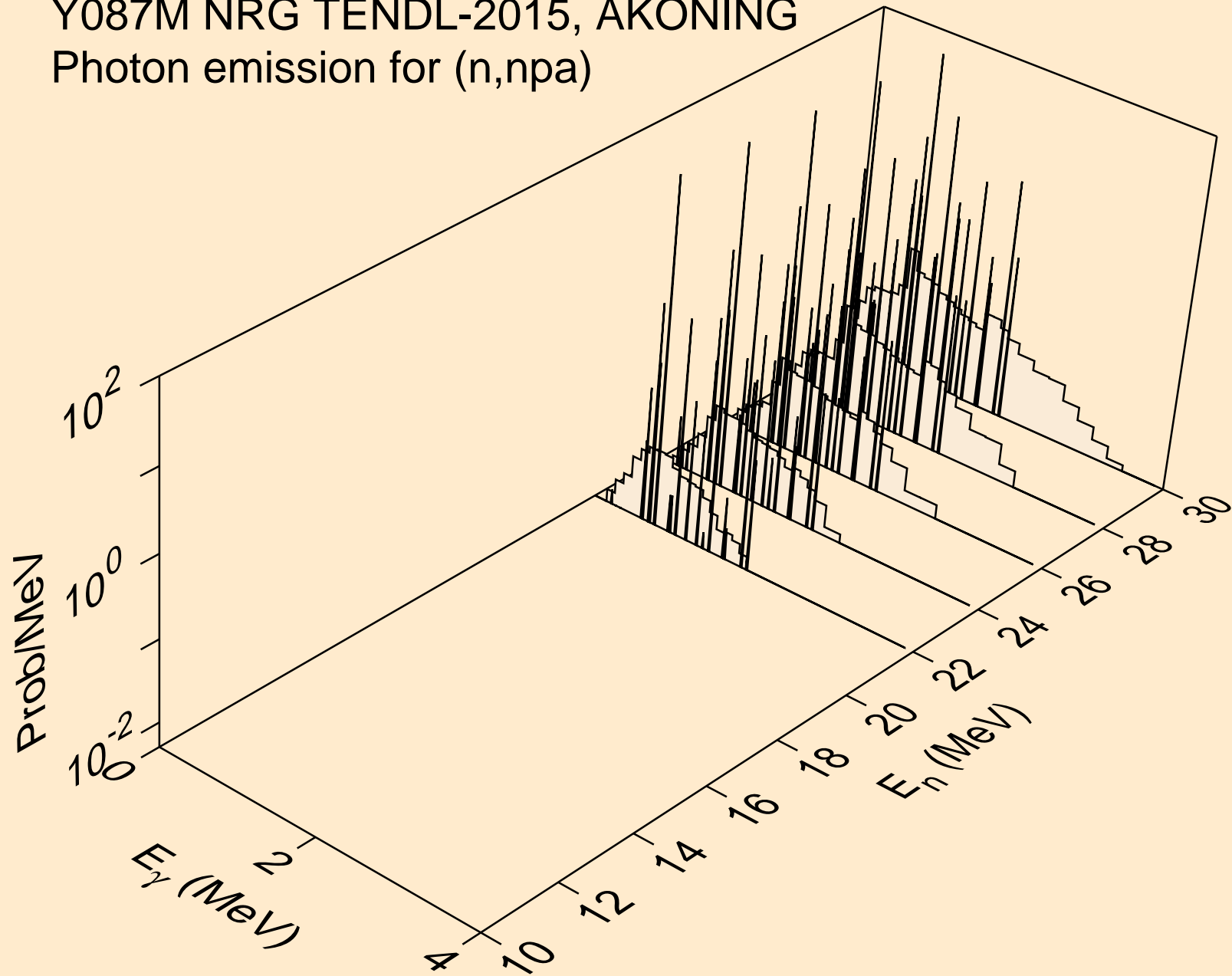
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Photon emission for (n,3np)



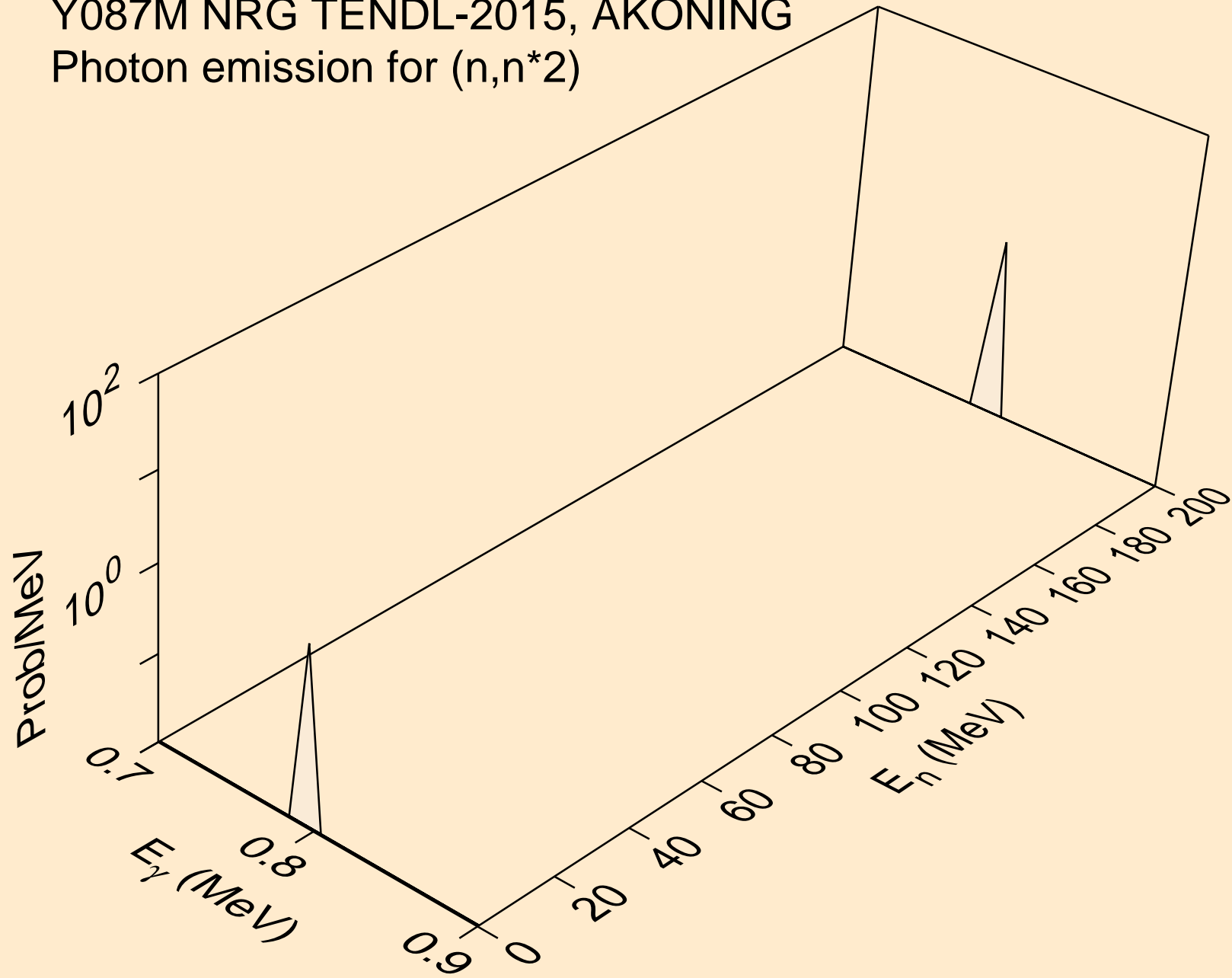
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Photon emission for (n,2np)



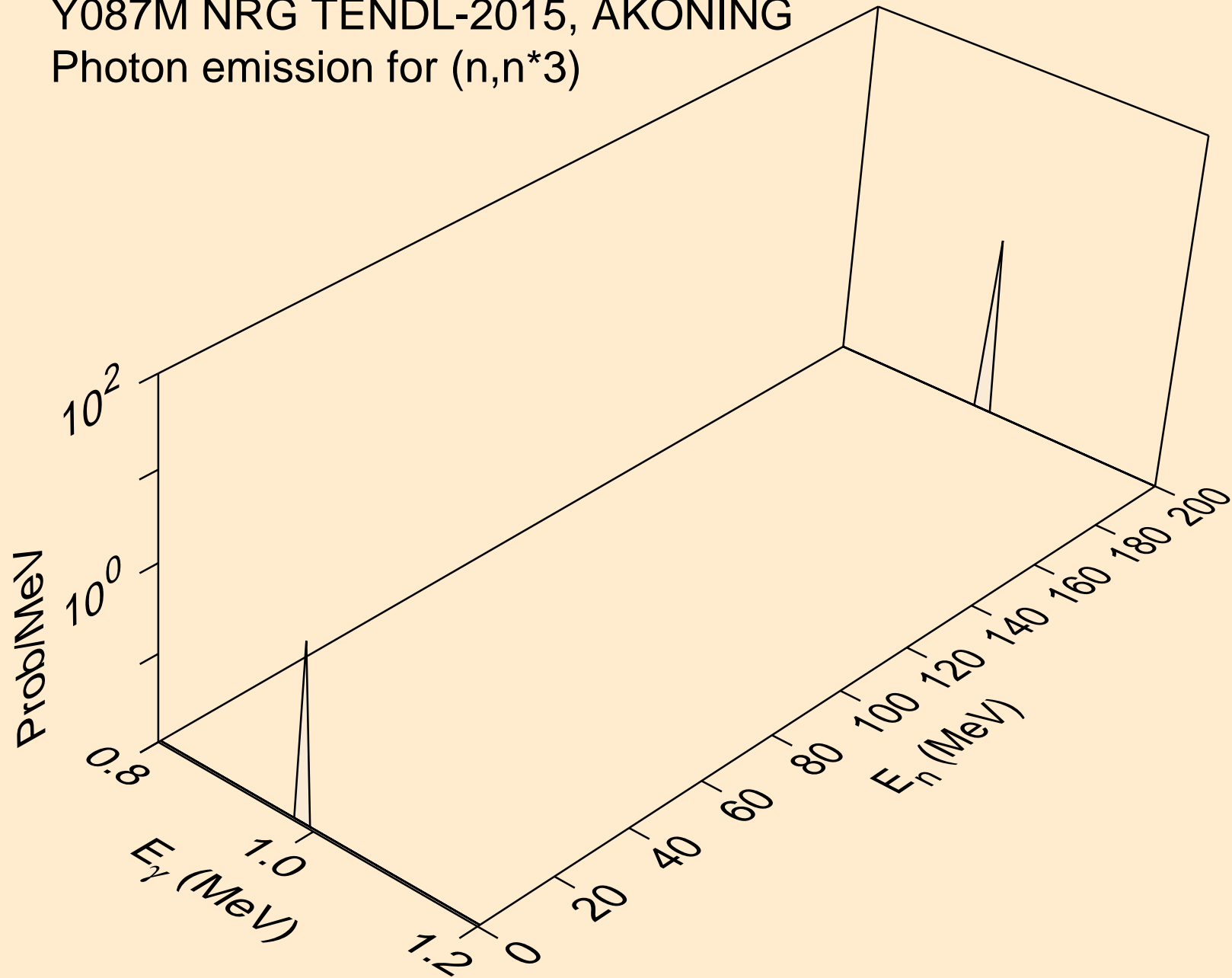
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Photon emission for (n,npa)



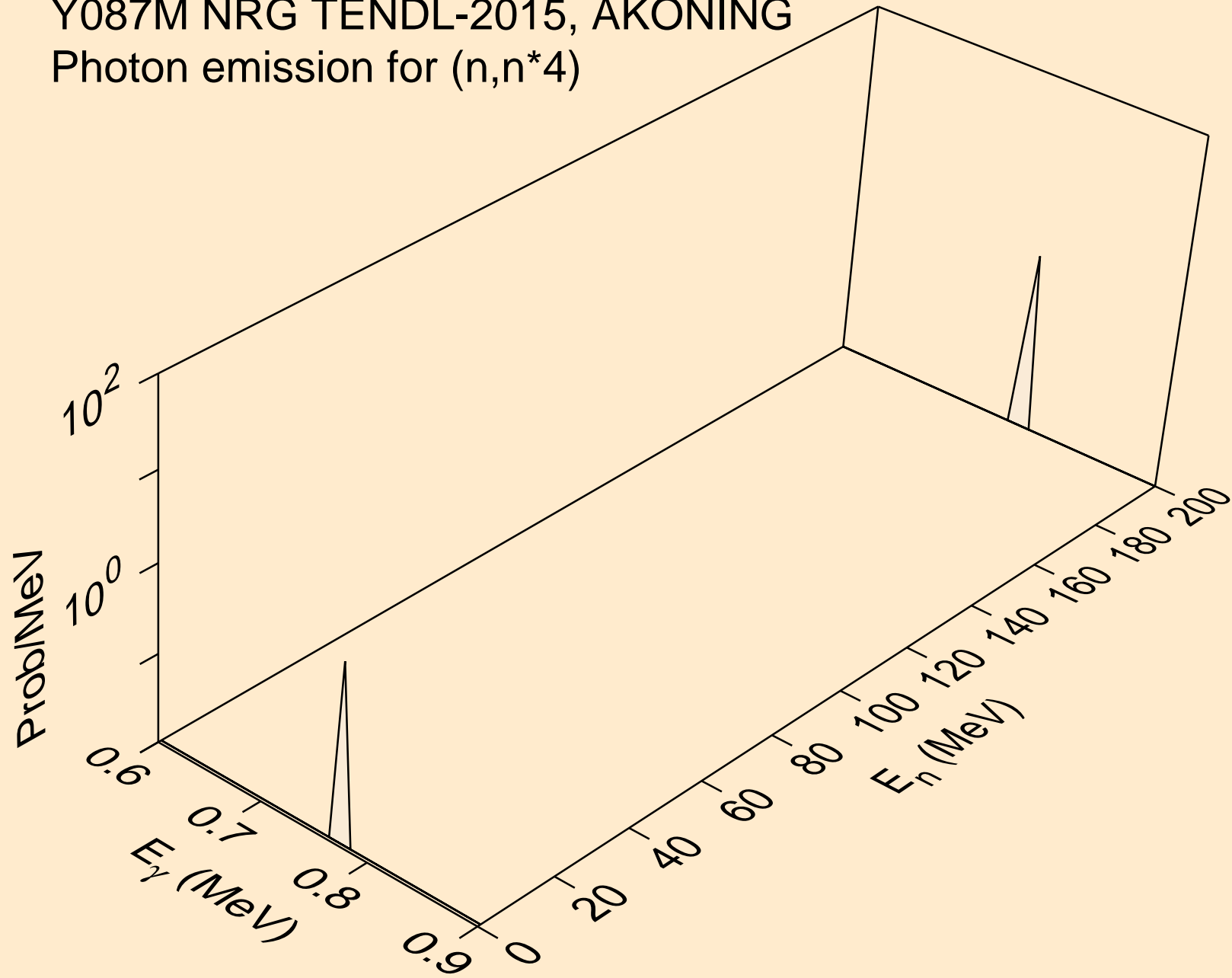
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Photon emission for (n,n\*2)



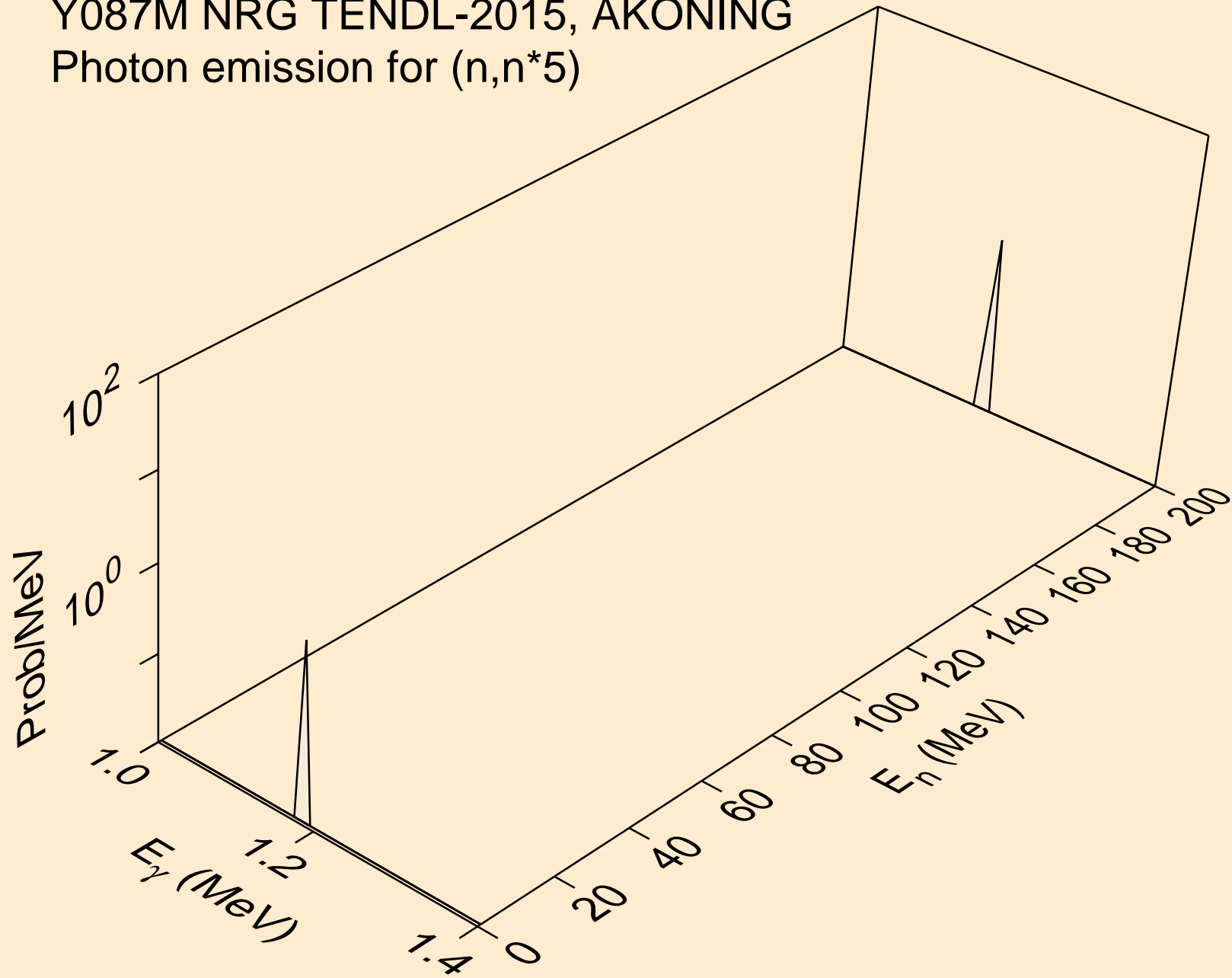
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Photon emission for (n,n\*3)



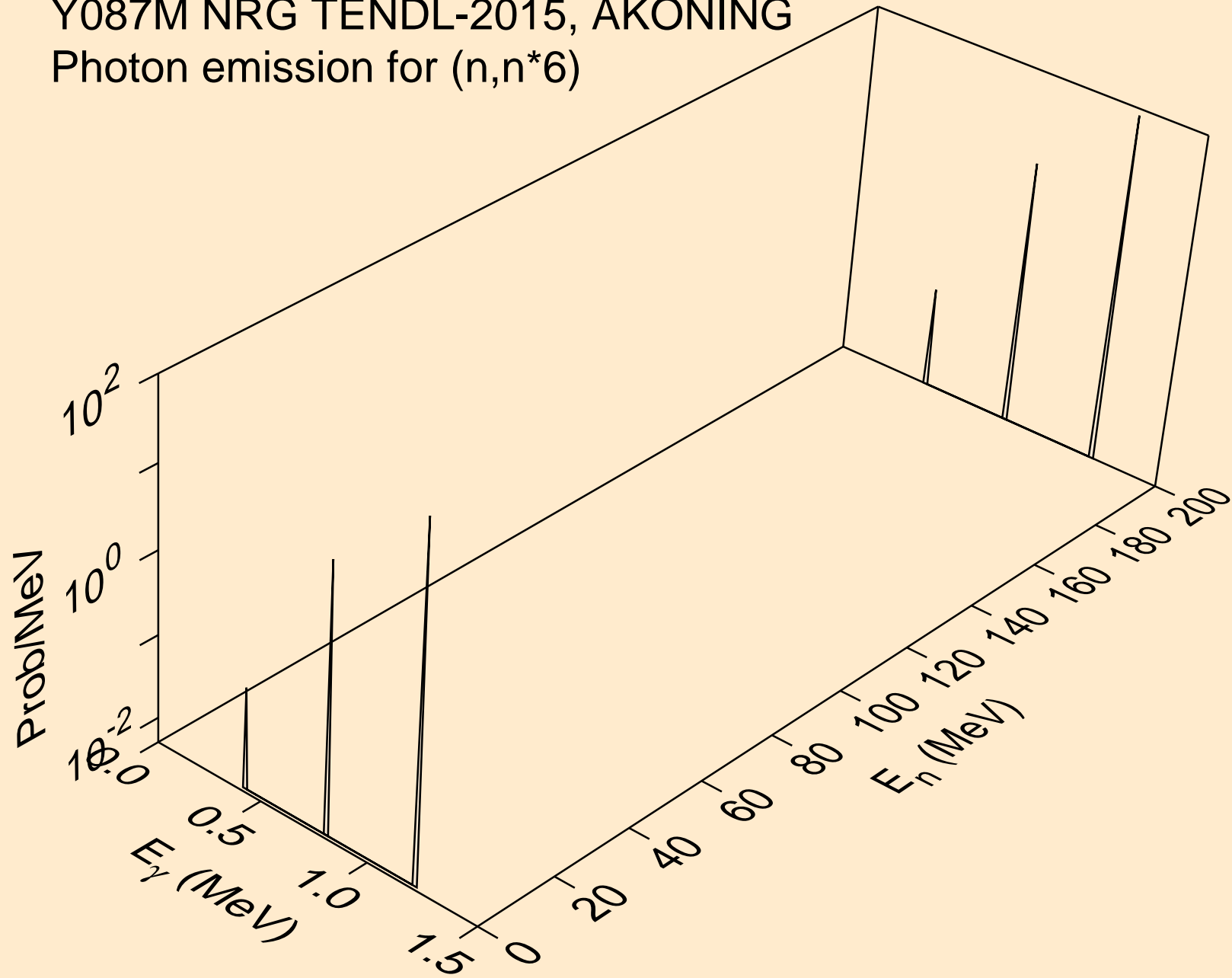
Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)



Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)

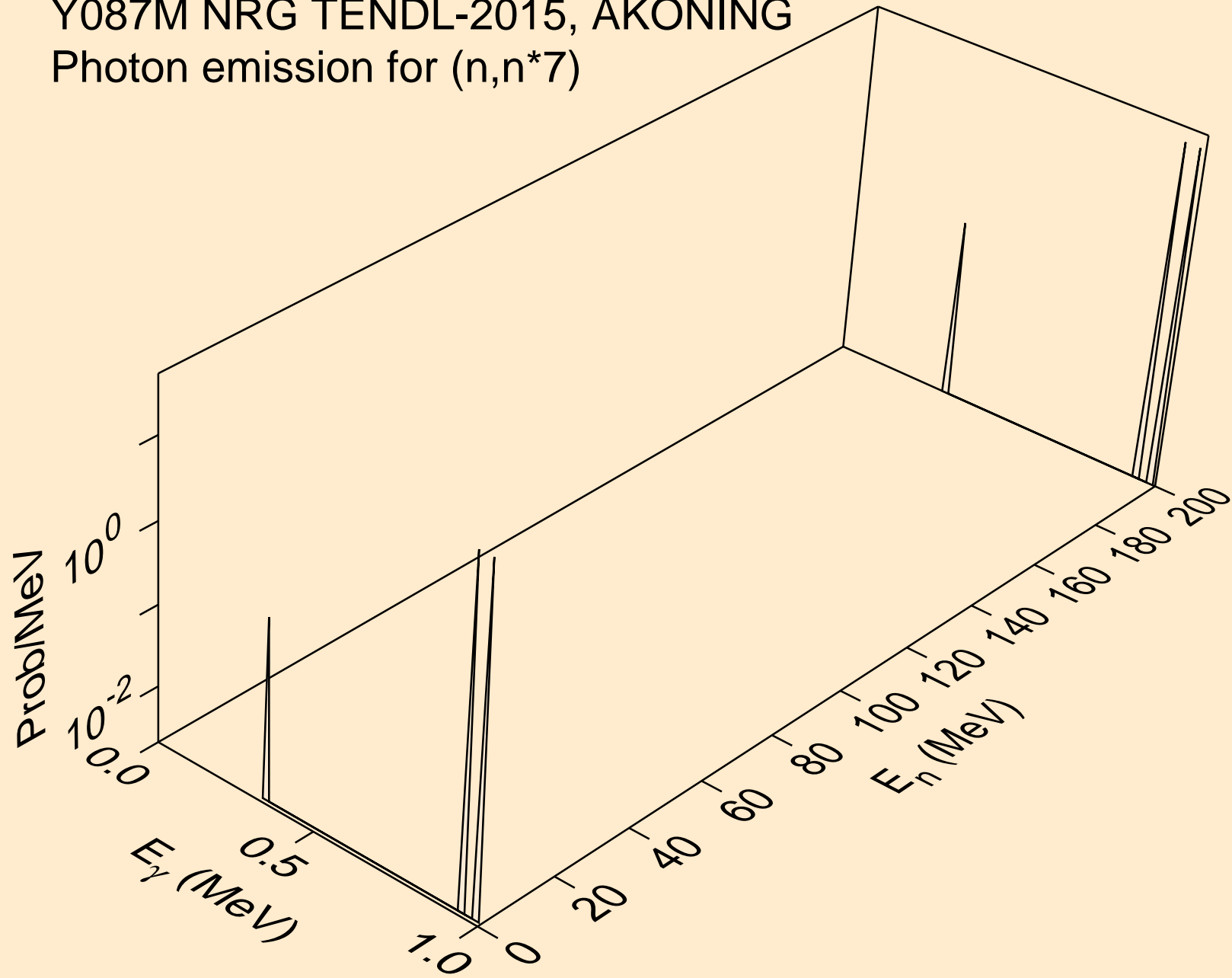


Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)

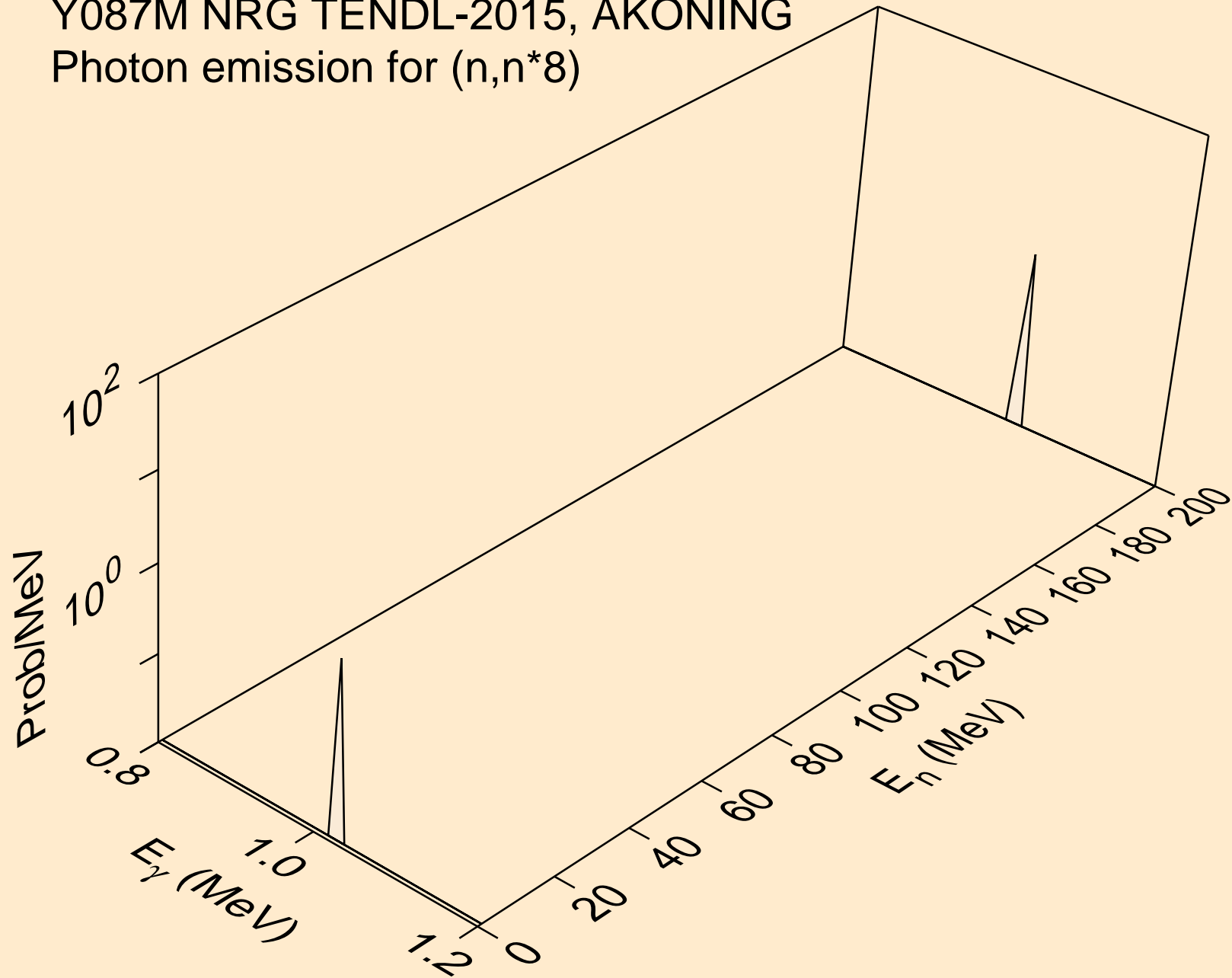




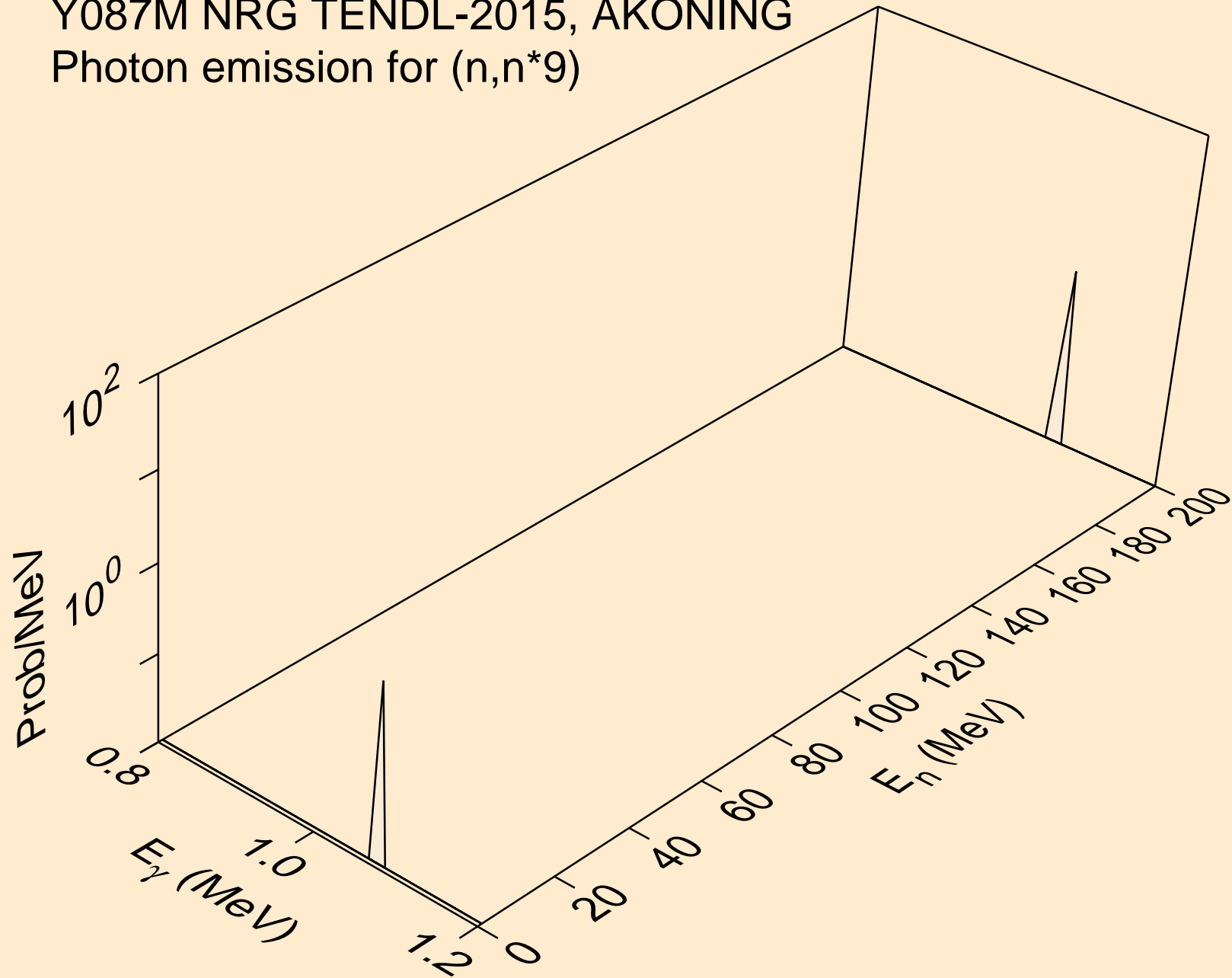
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Photon emission for (n,n\*7)



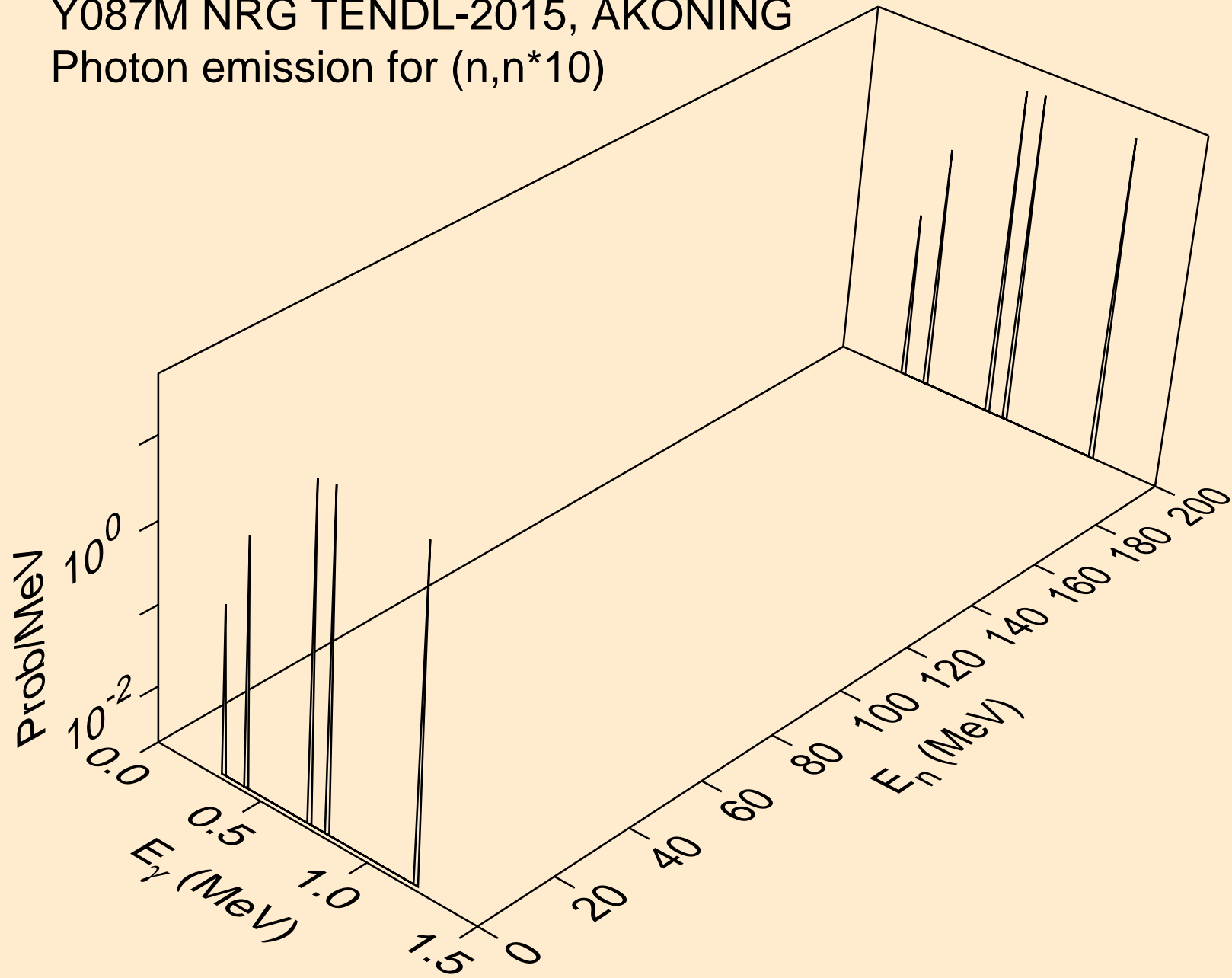
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Photon emission for (n,n\*8)



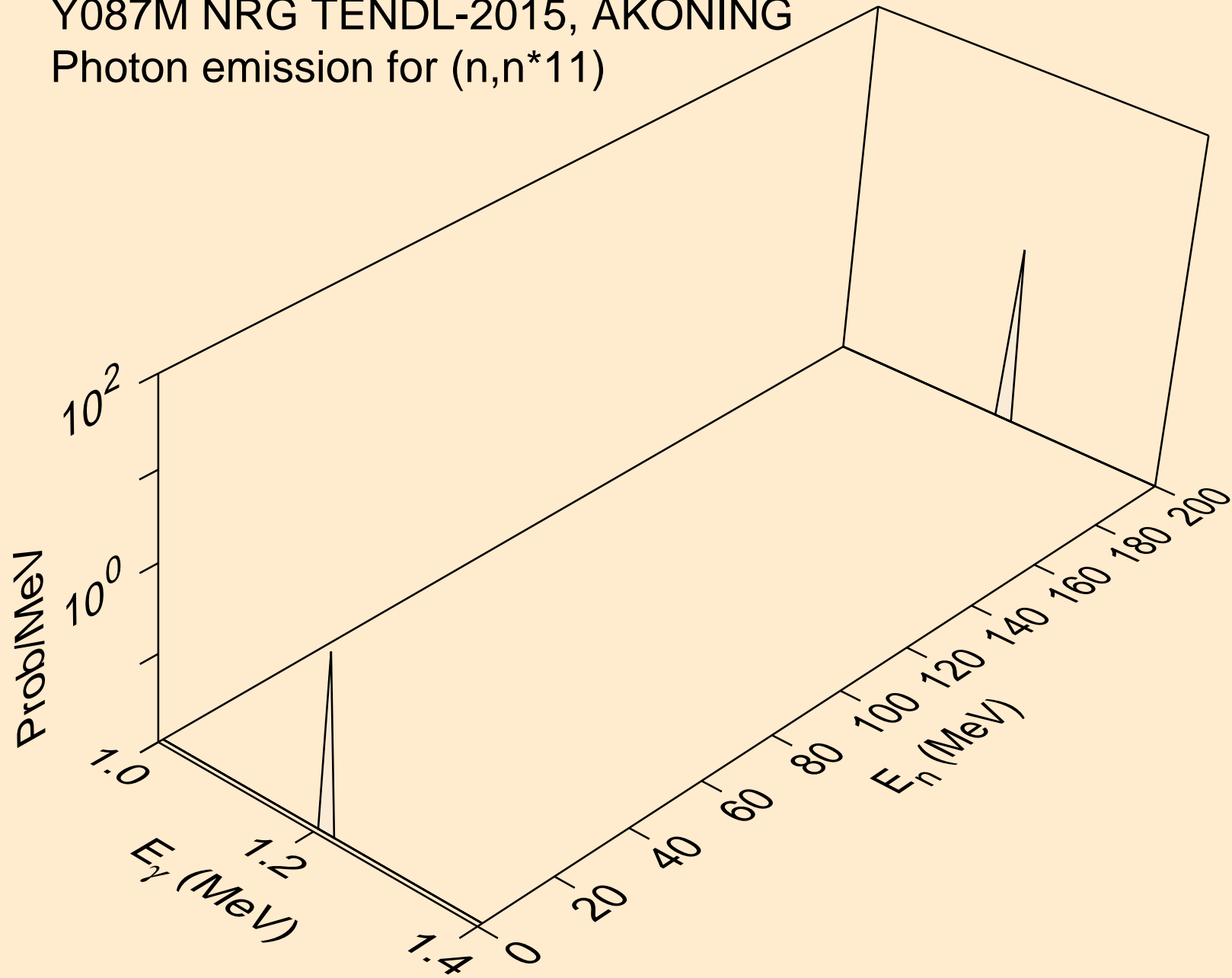
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Photon emission for (n,n\*9)



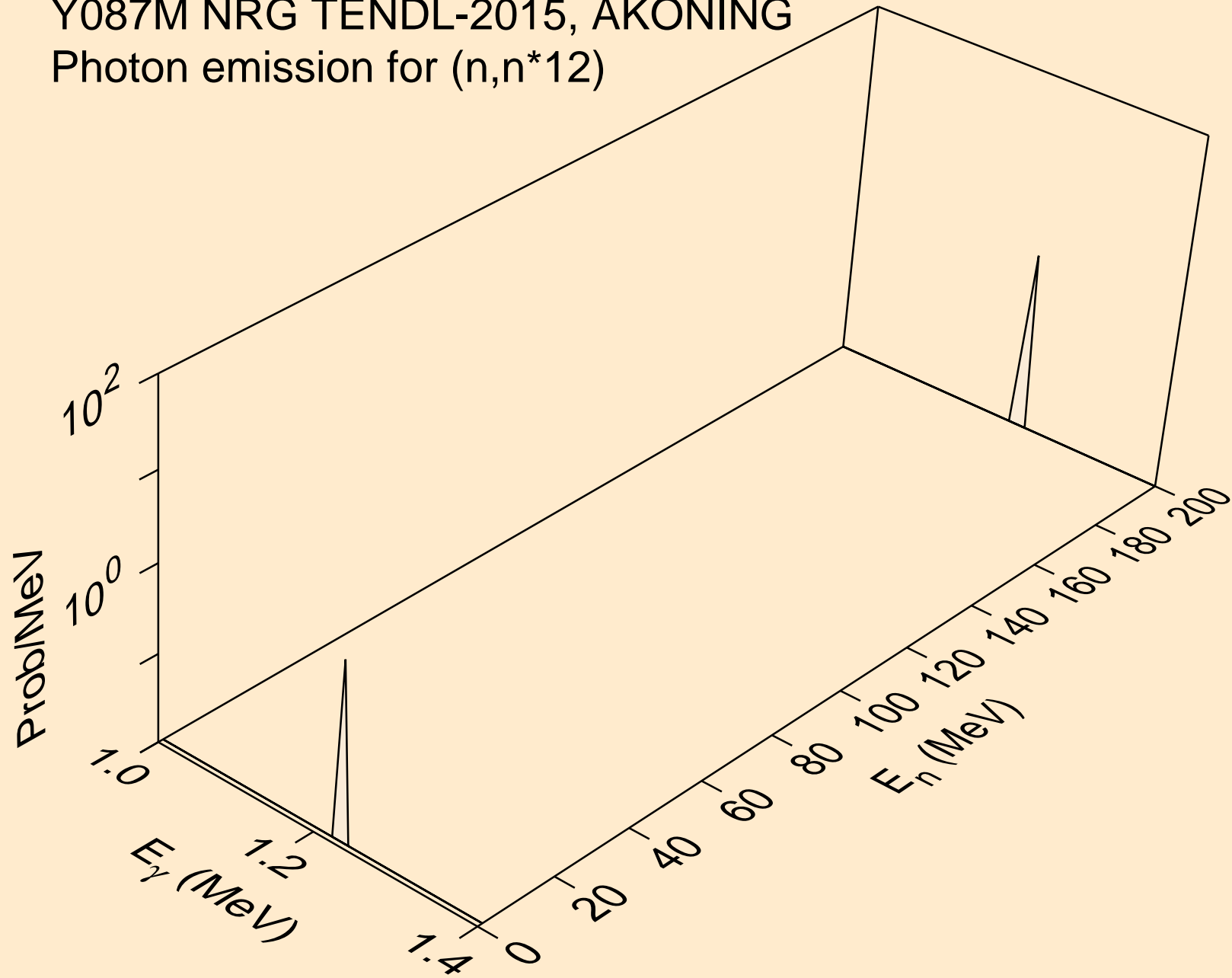
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Photon emission for (n,n\*10)



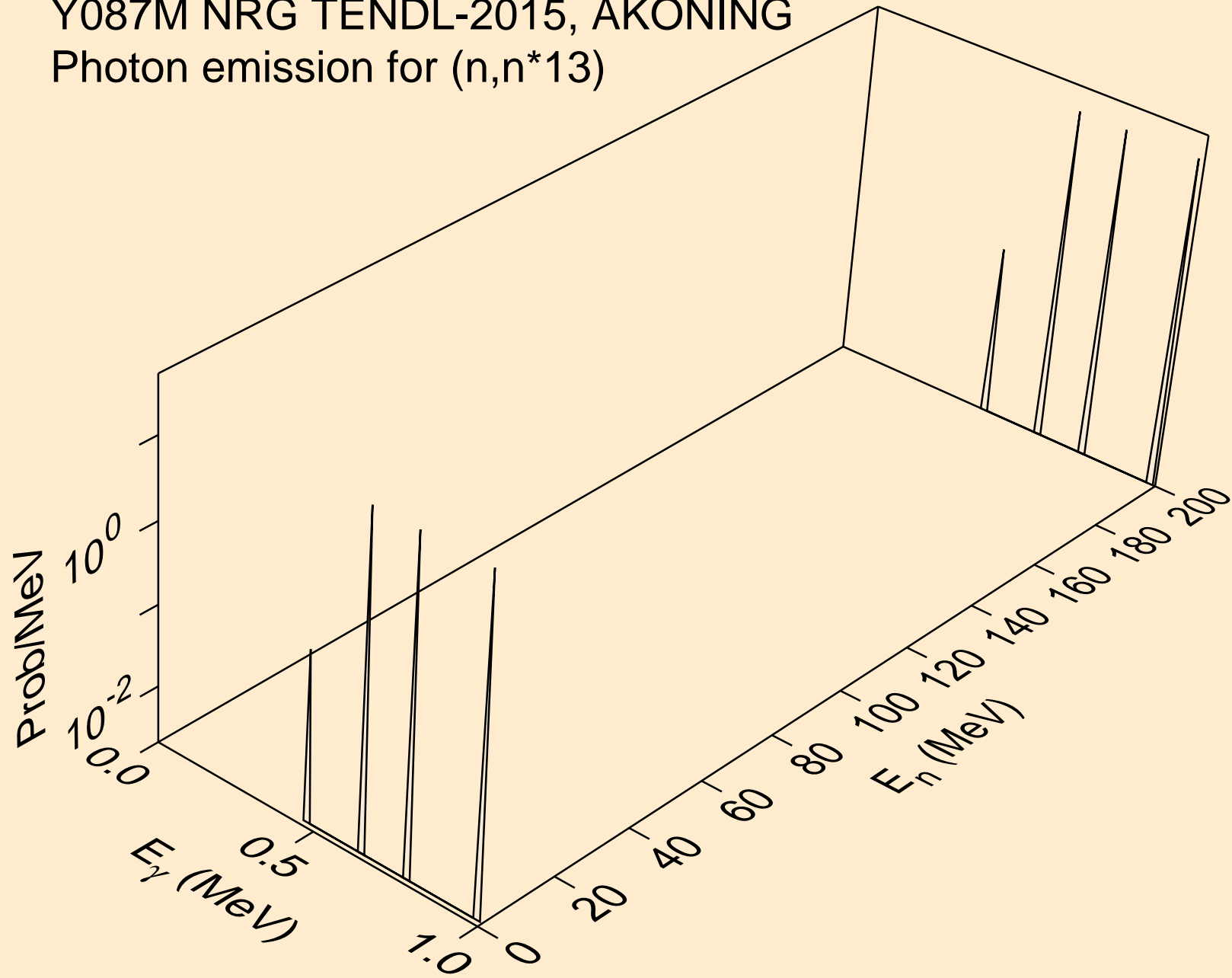
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Photon emission for (n,n\*11)



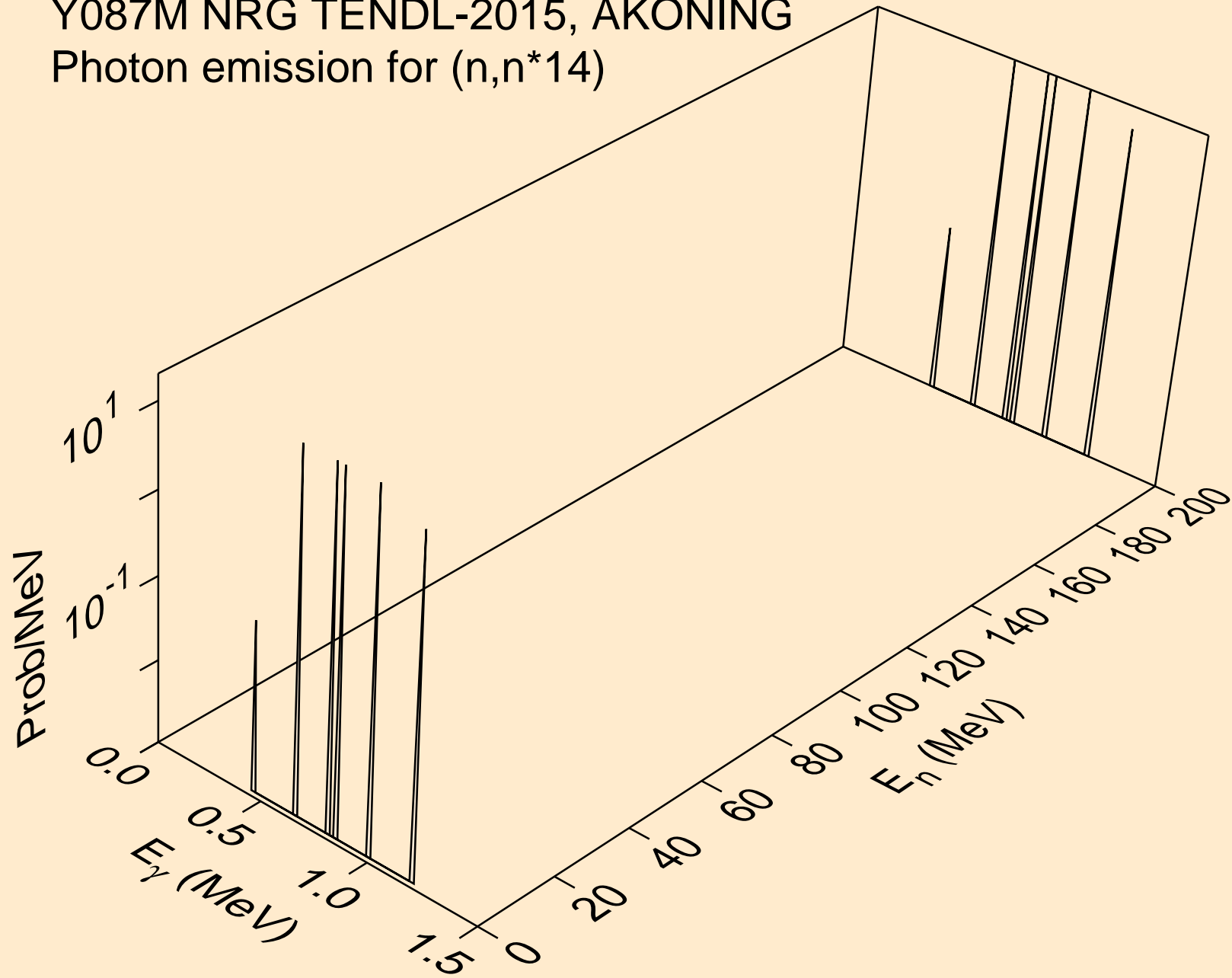
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Photon emission for (n,n\*12)



Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)

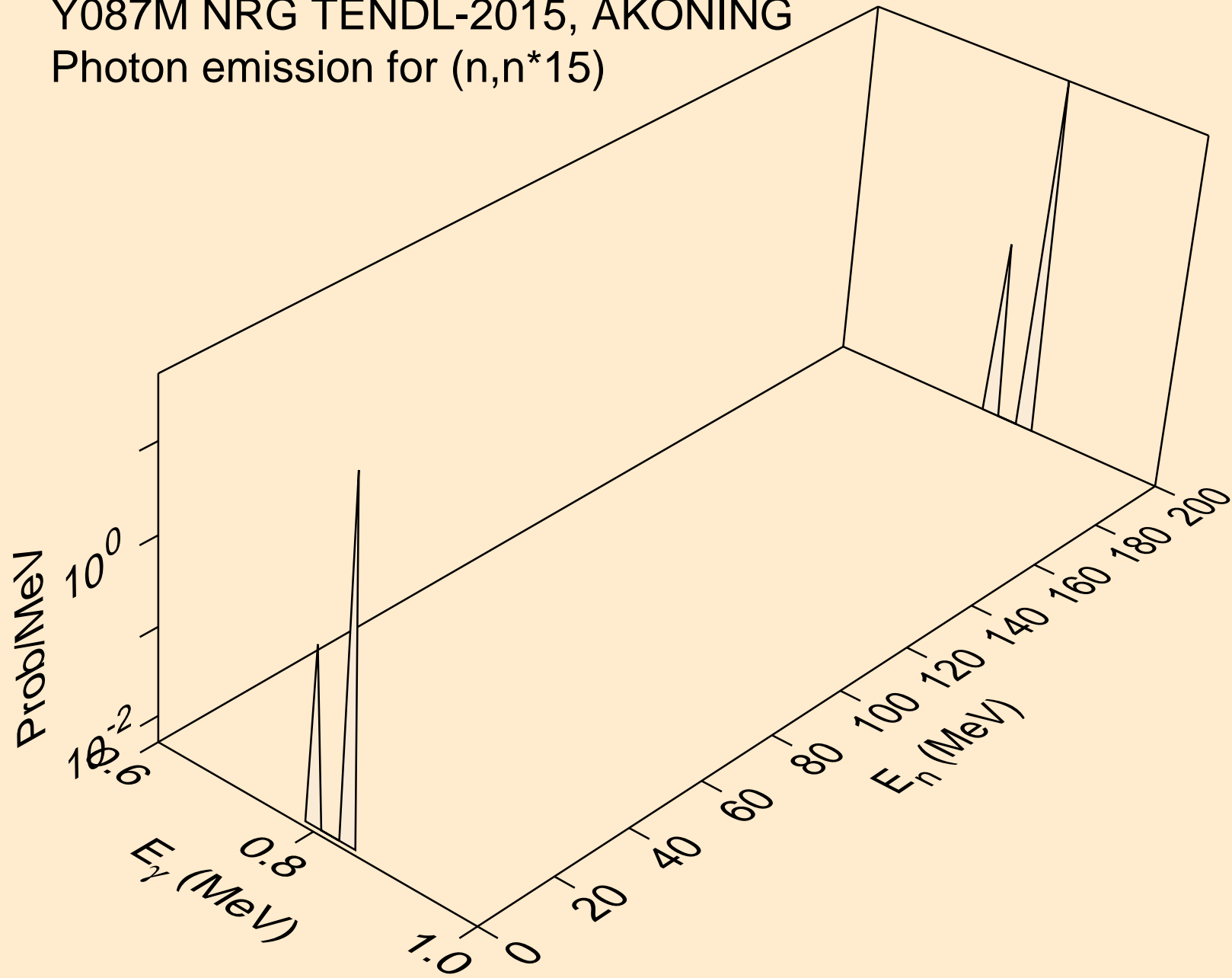


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Photon emission for (n,n\*14)

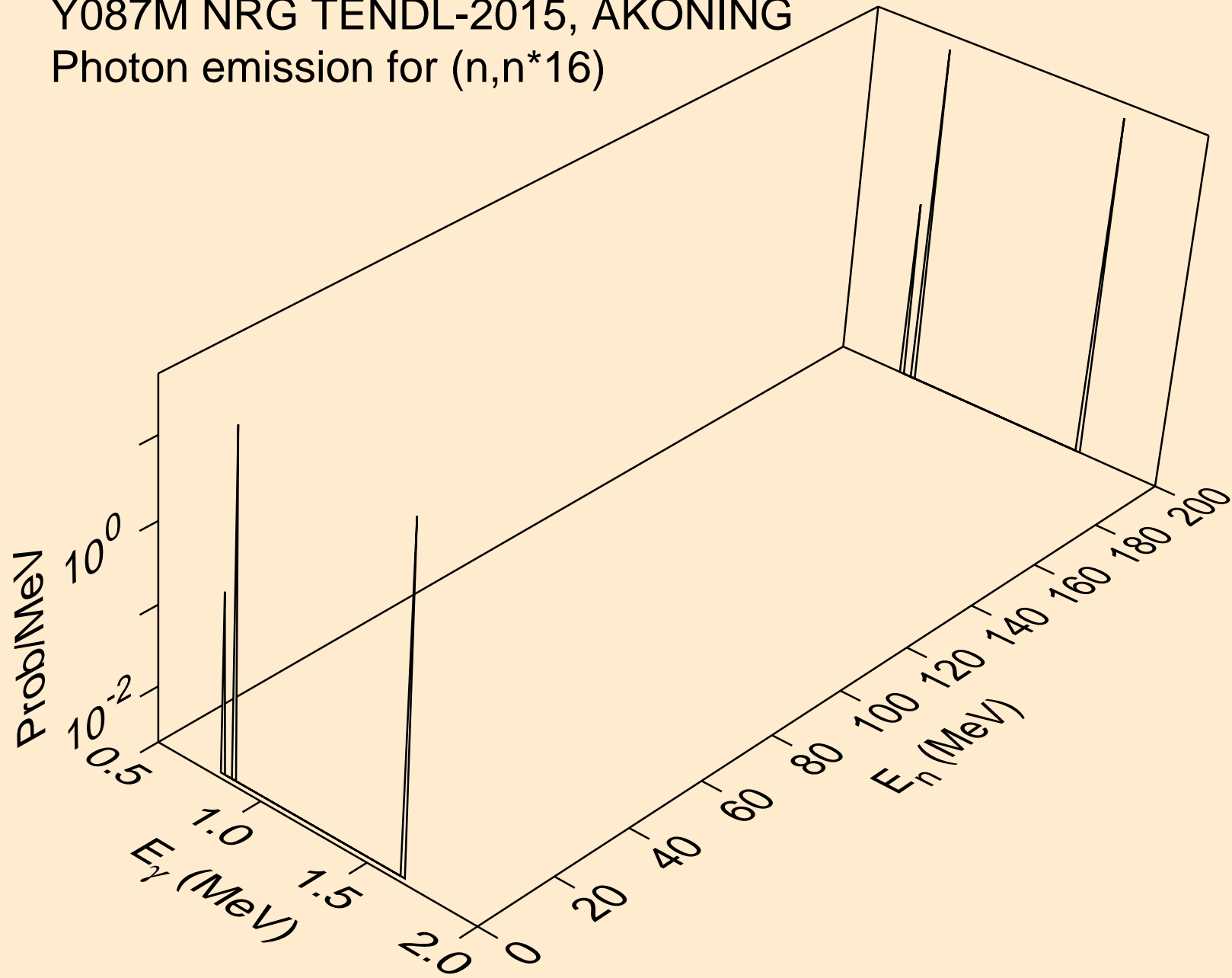




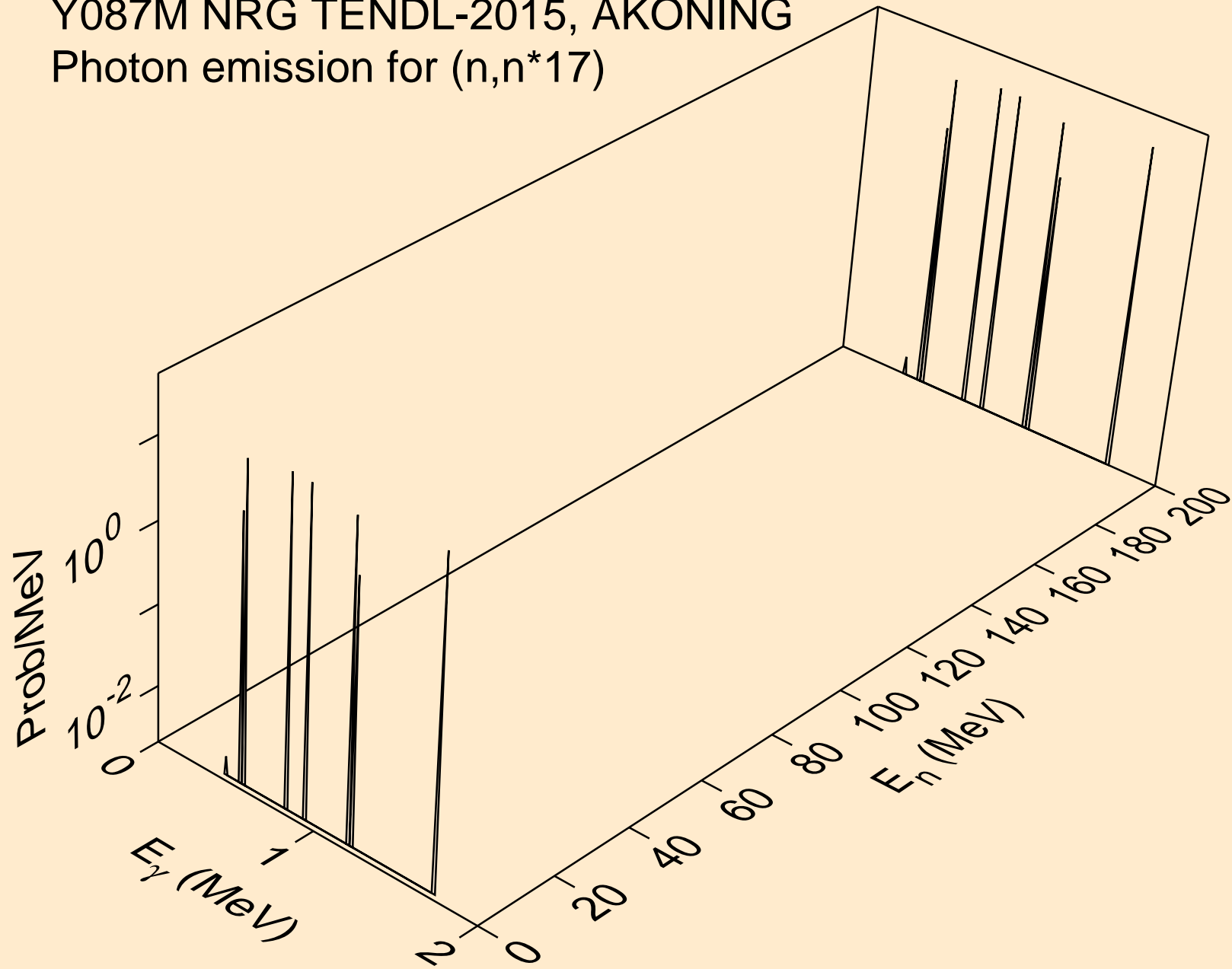
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Photon emission for (n,n\*15)



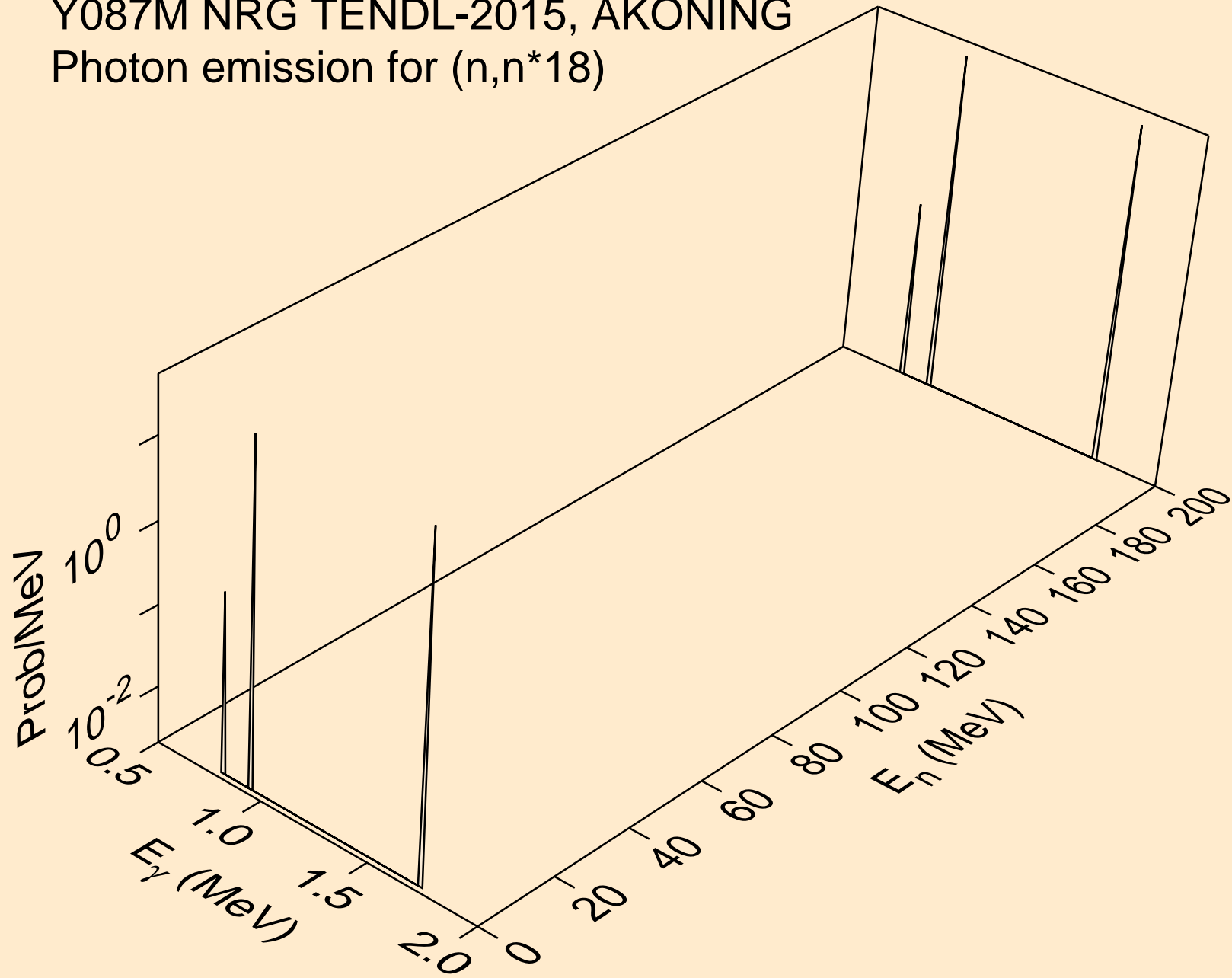
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Photon emission for (n,n\*16)



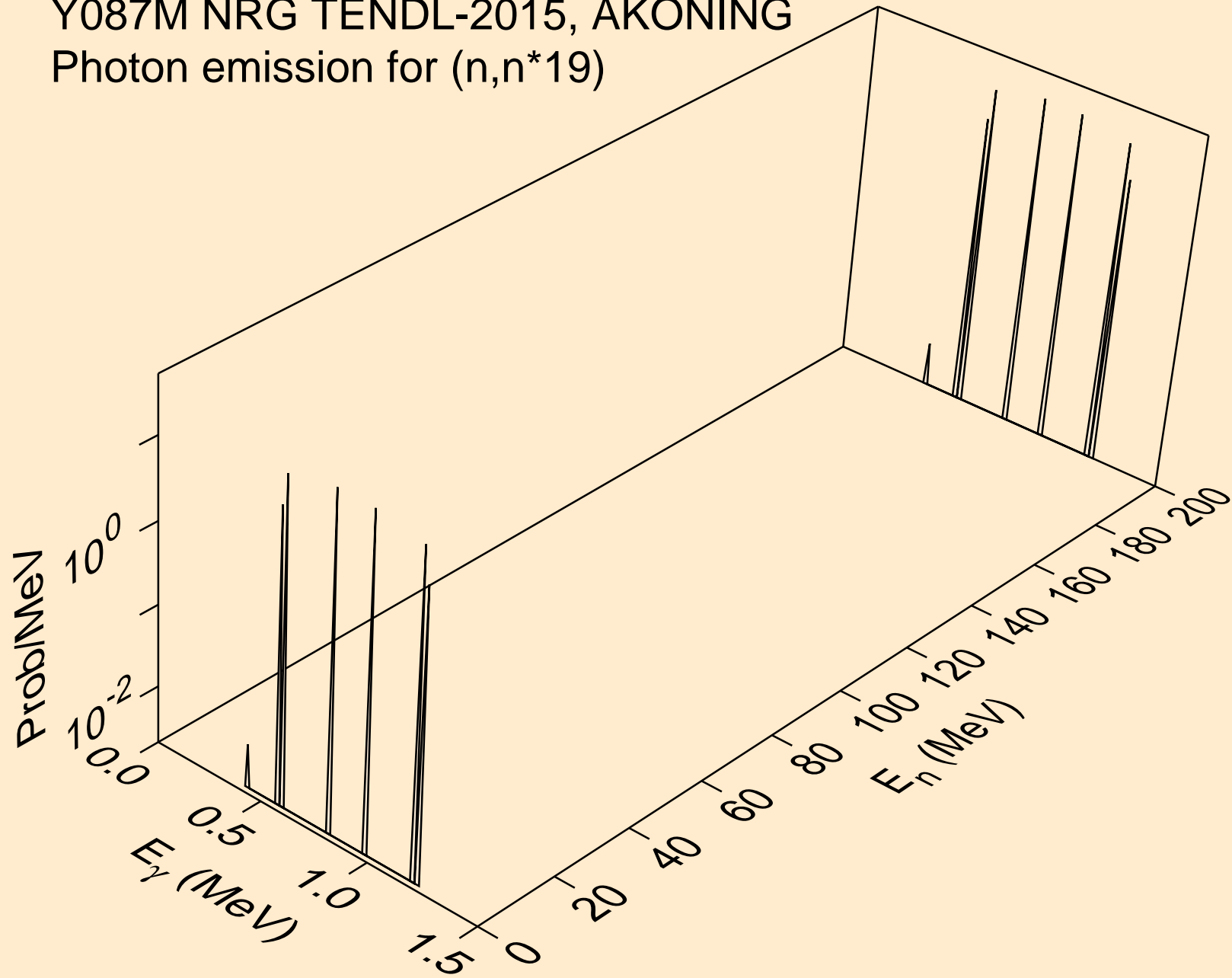
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Photon emission for (n,n\*17)



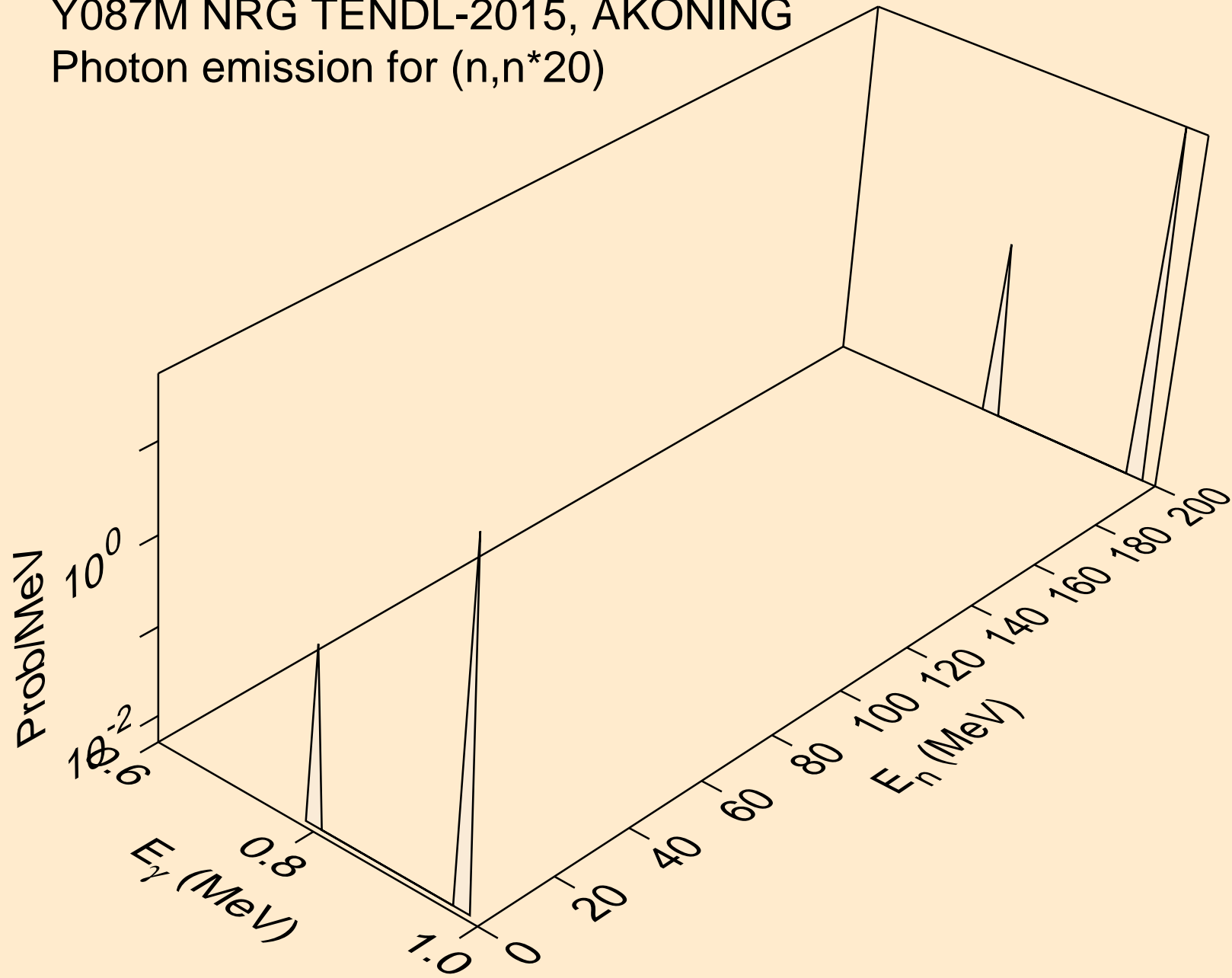
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Photon emission for (n,n\*18)



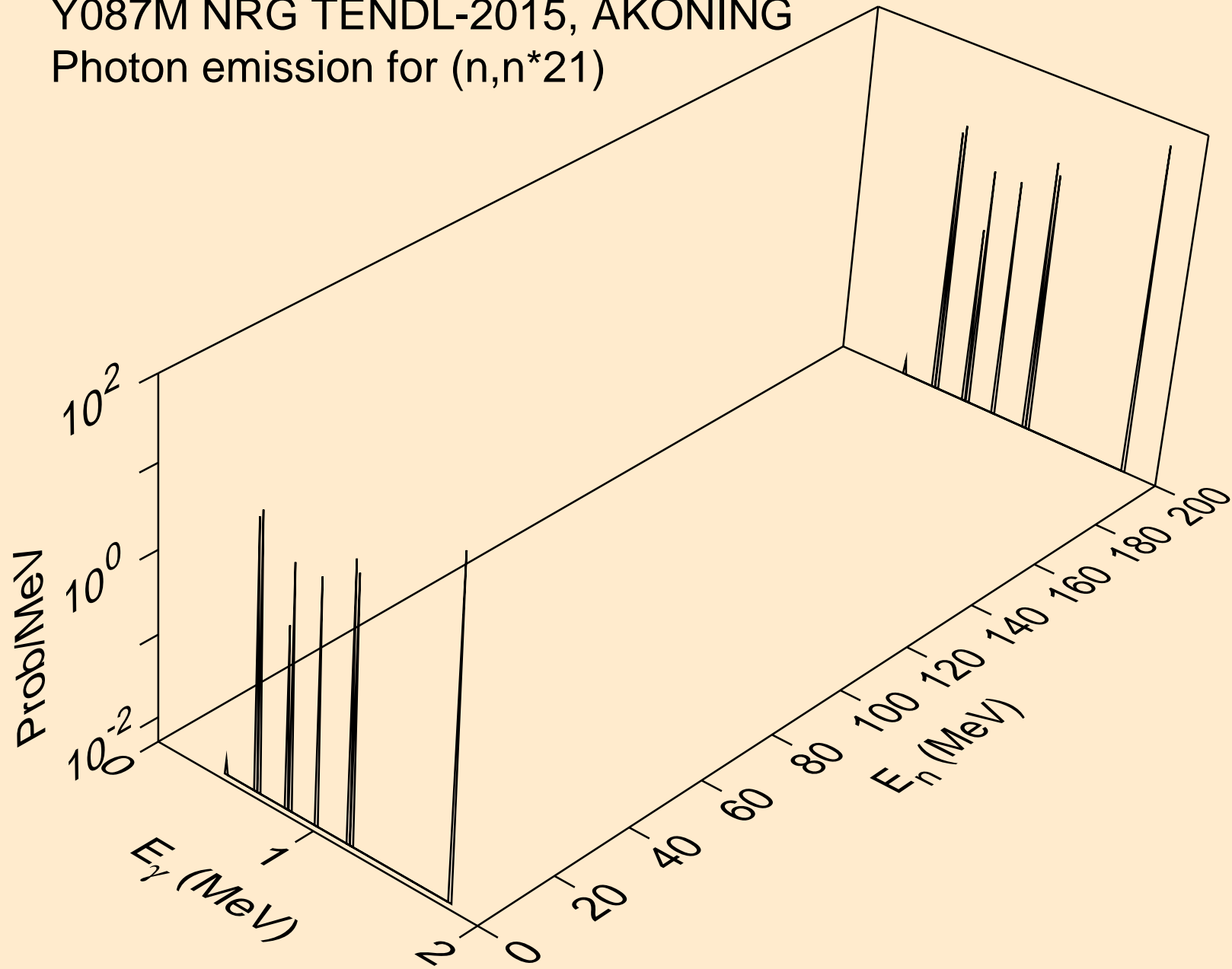
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Photon emission for (n,n\*19)



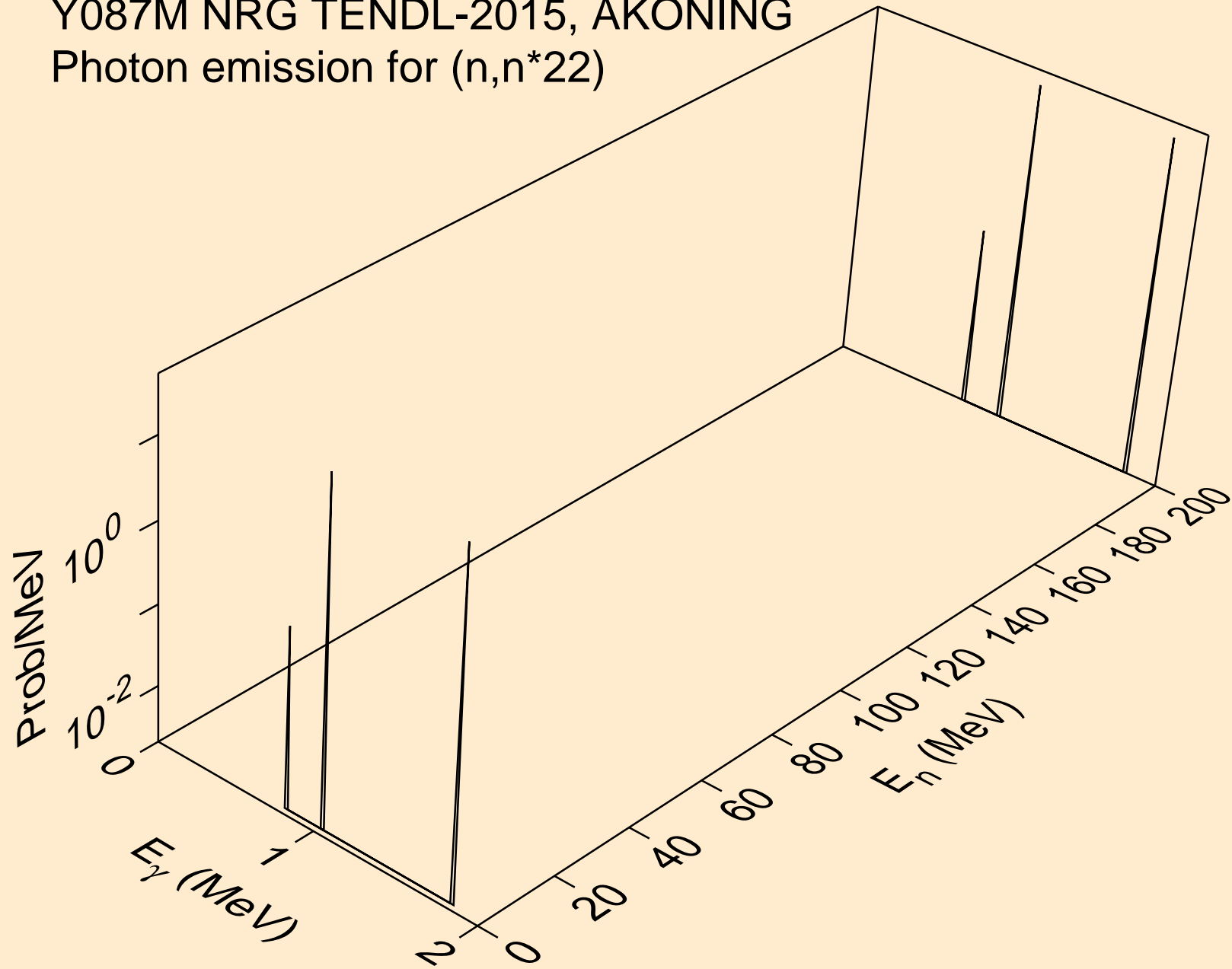
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Photon emission for (n,n\*20)



Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)

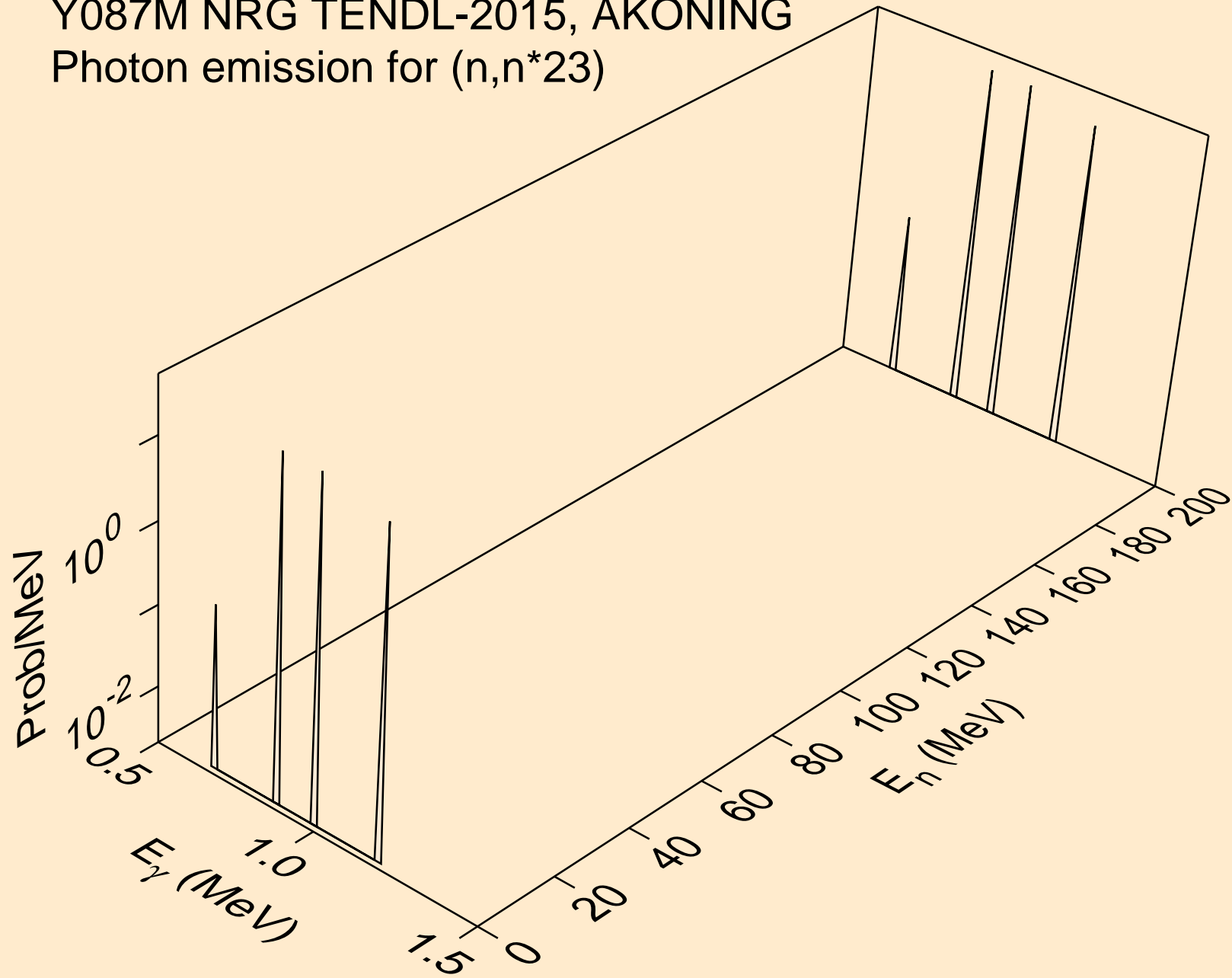


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Photon emission for (n,n\*22)

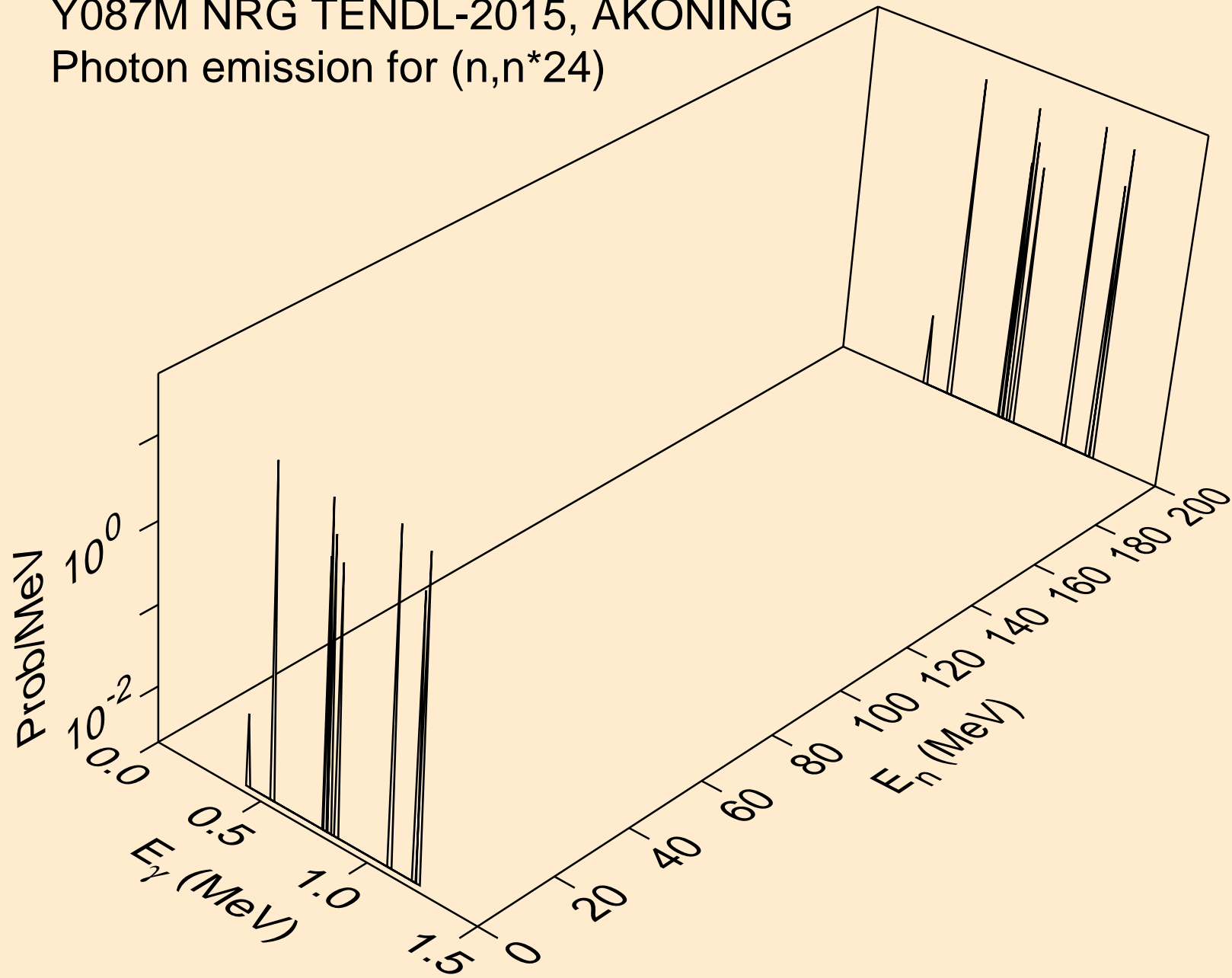




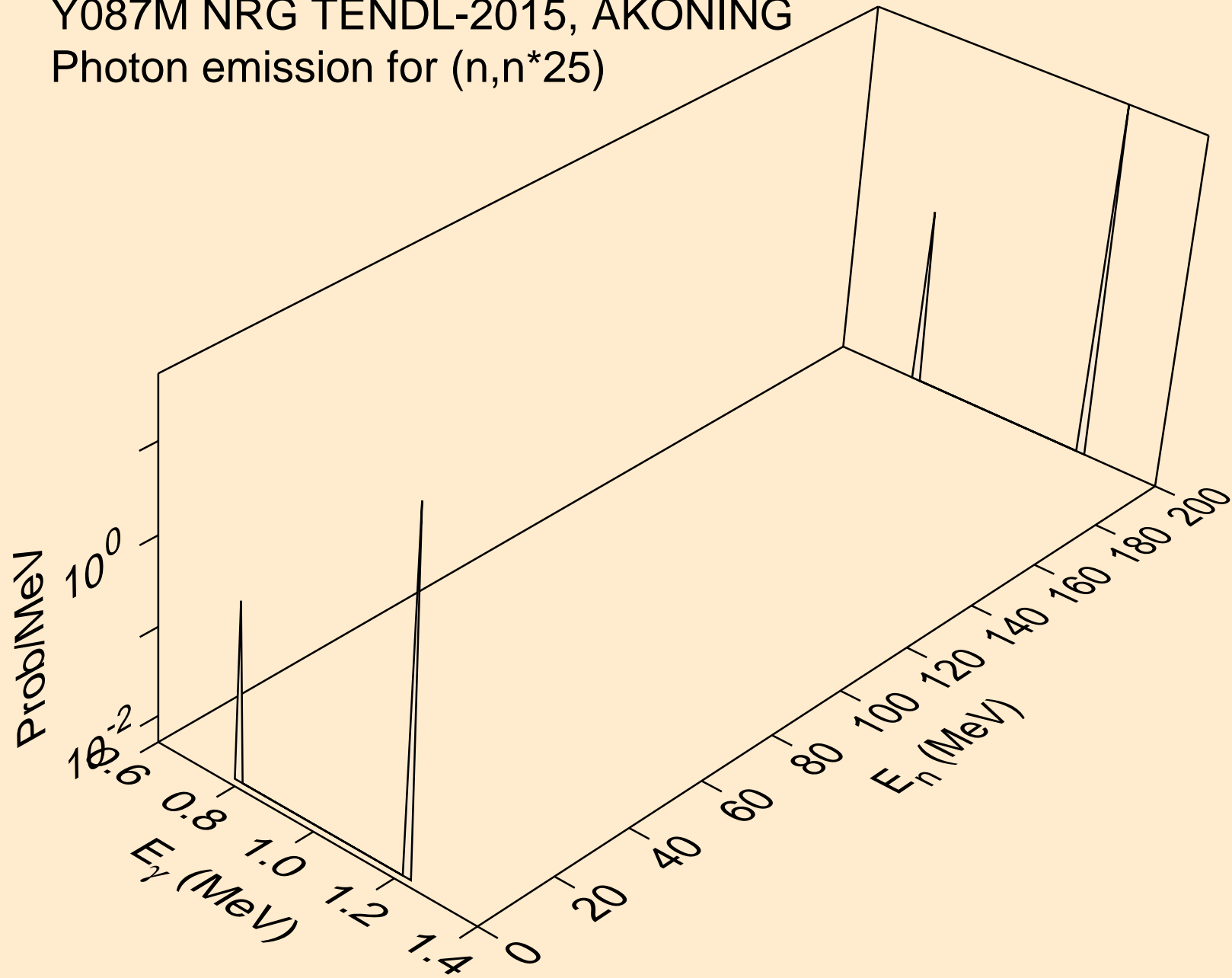
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Photon emission for (n,n\*23)



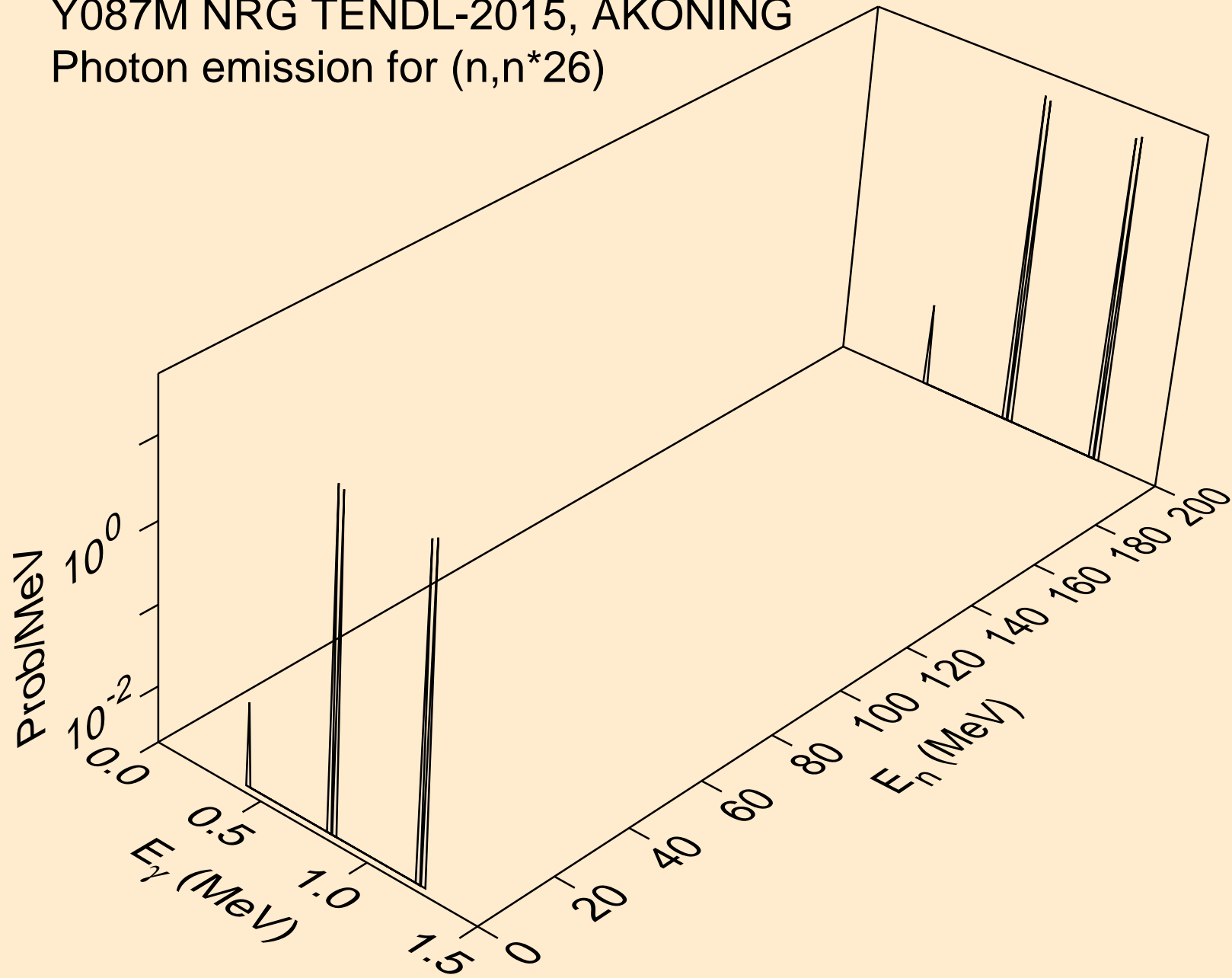
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Photon emission for (n,n\*24)



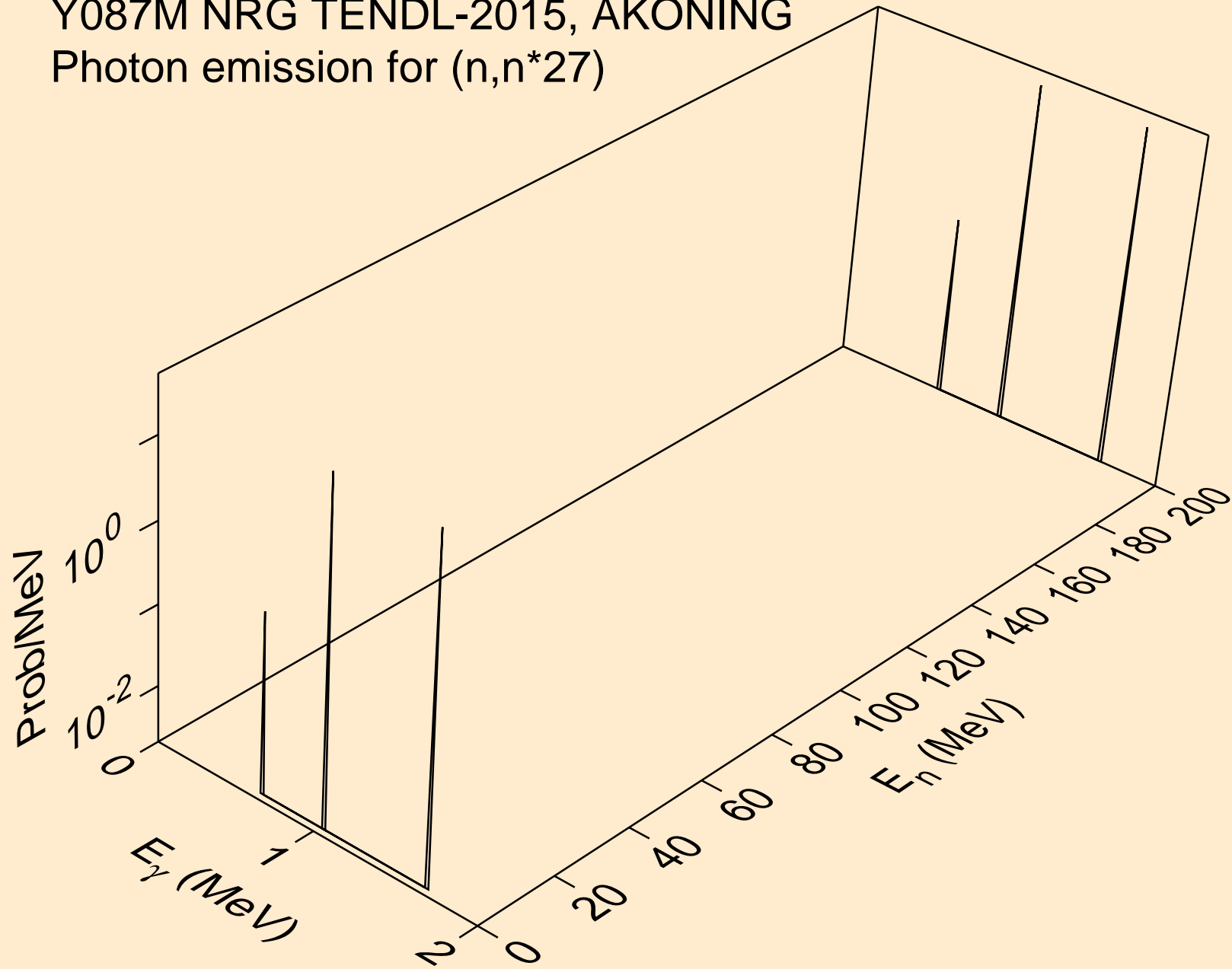
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Photon emission for (n,n\*25)



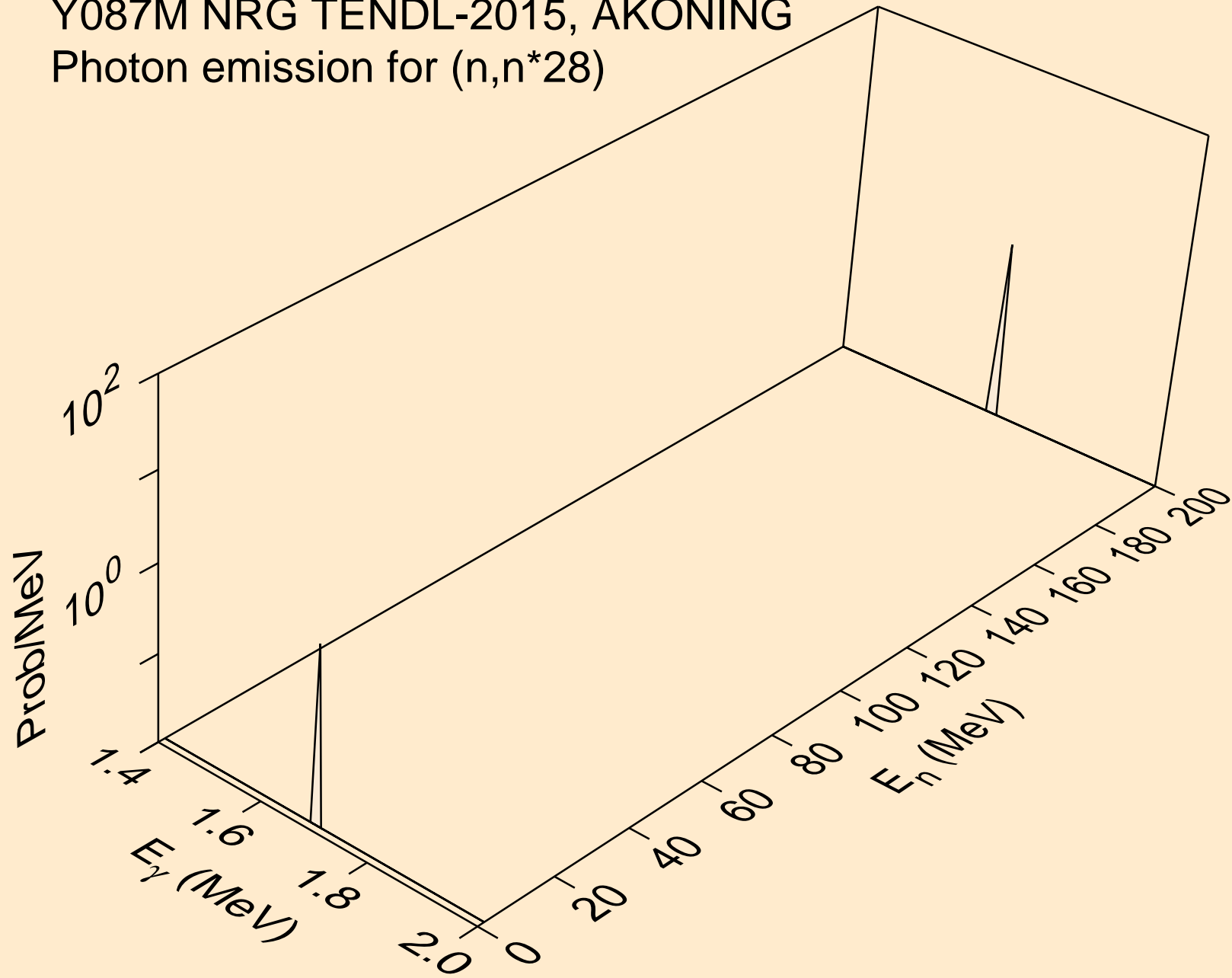
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Photon emission for (n,n\*26)



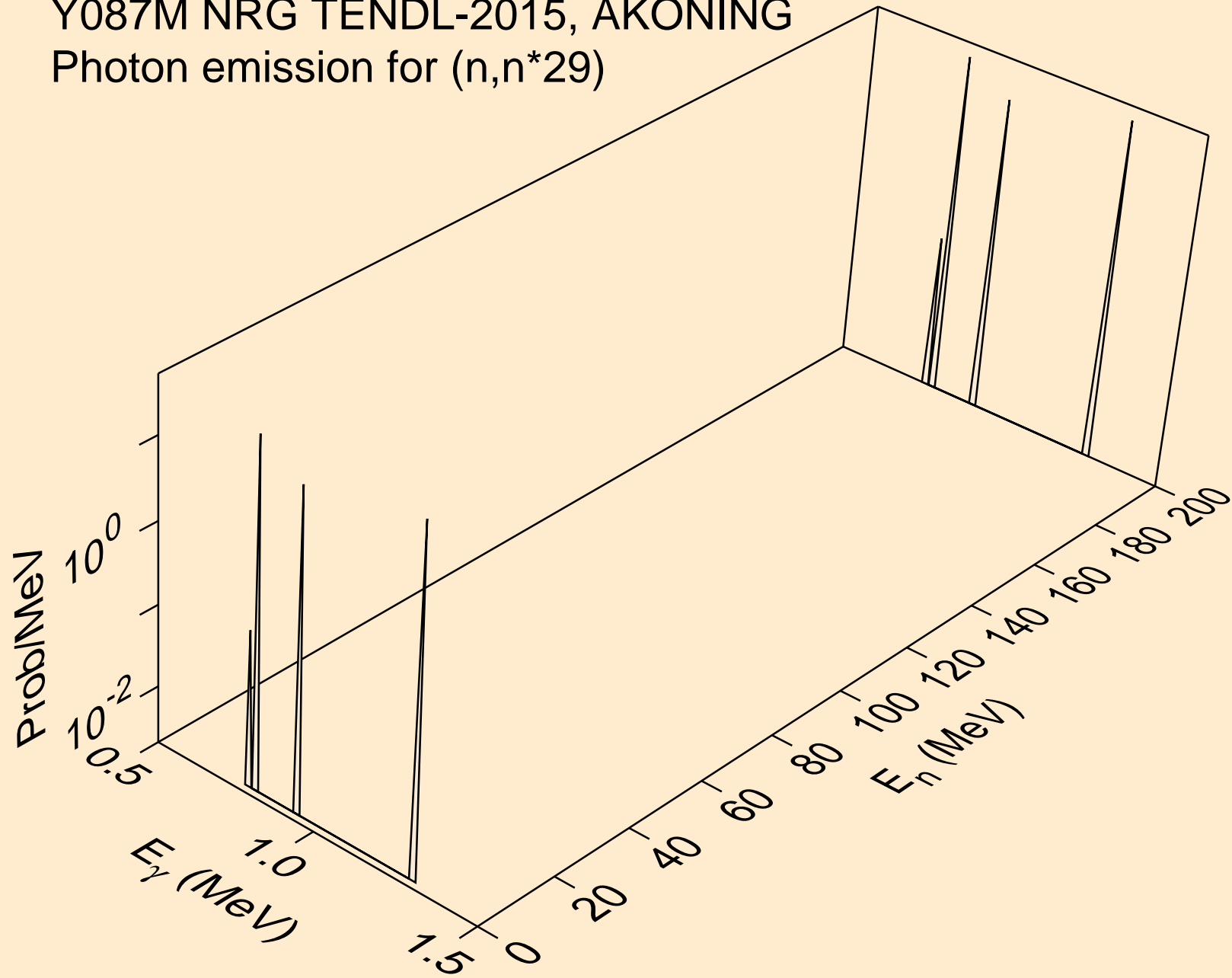
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Photon emission for (n,n\*27)



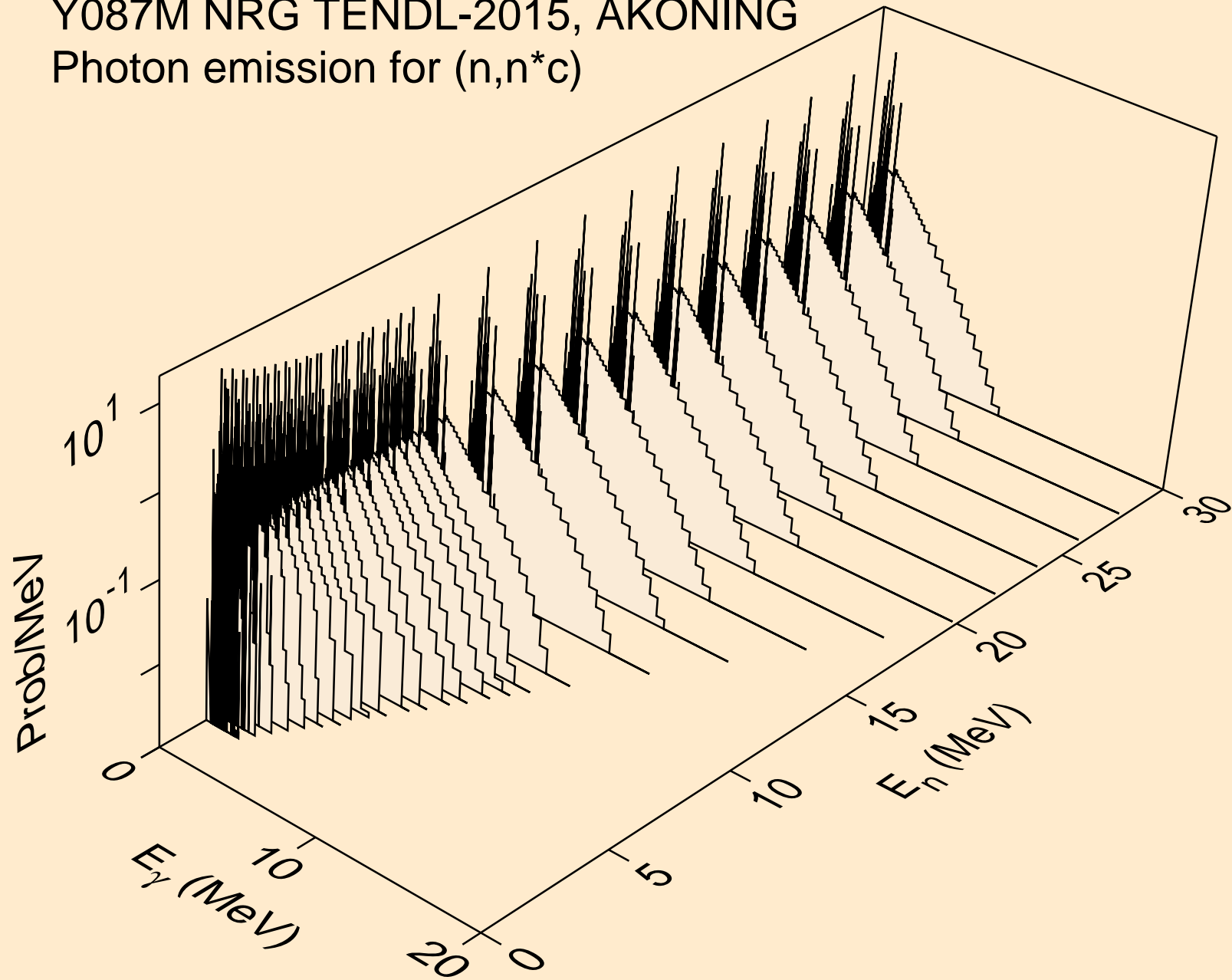
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Photon emission for (n,n\*28)



Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*29)

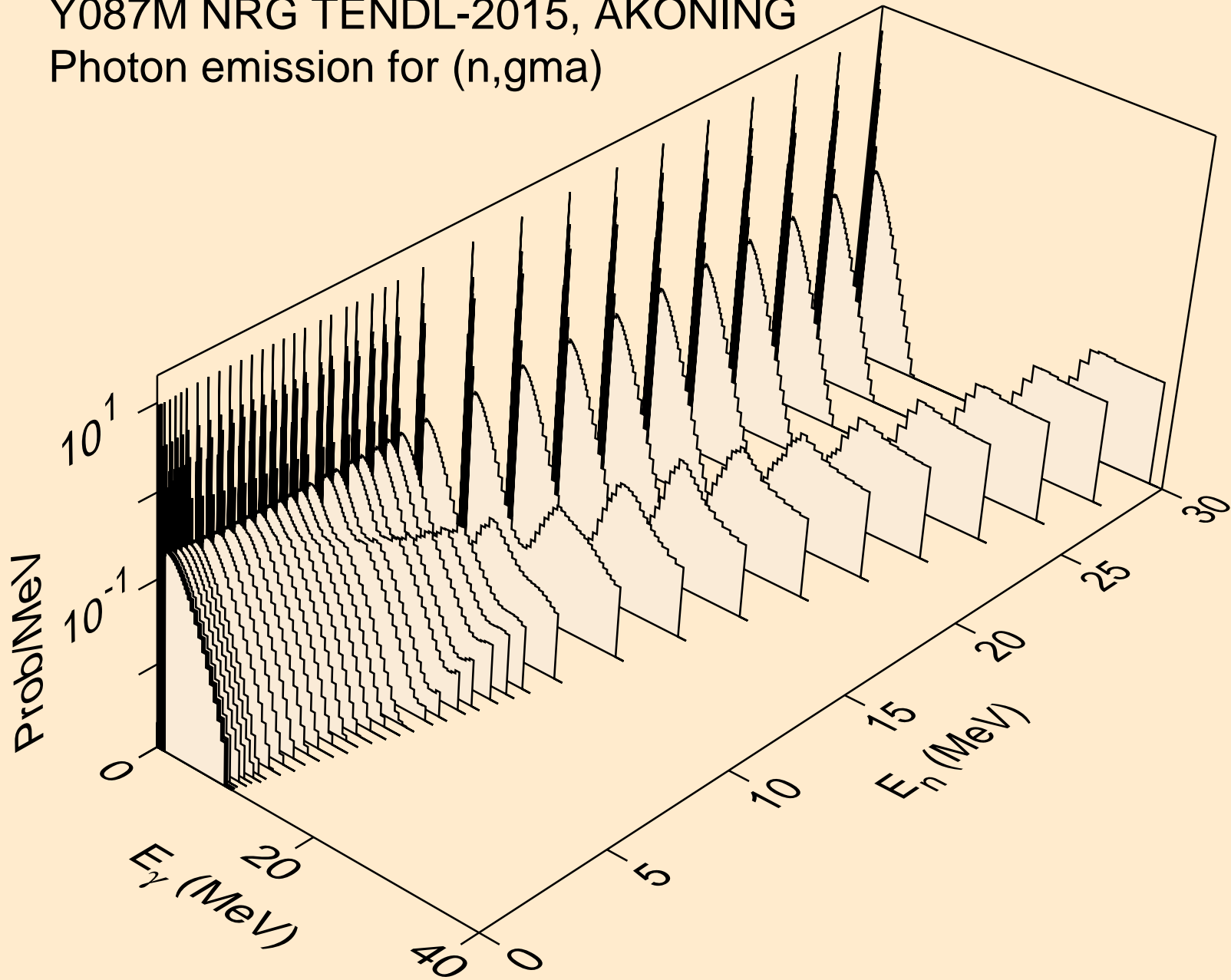


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Photon emission for (n,n\*c)

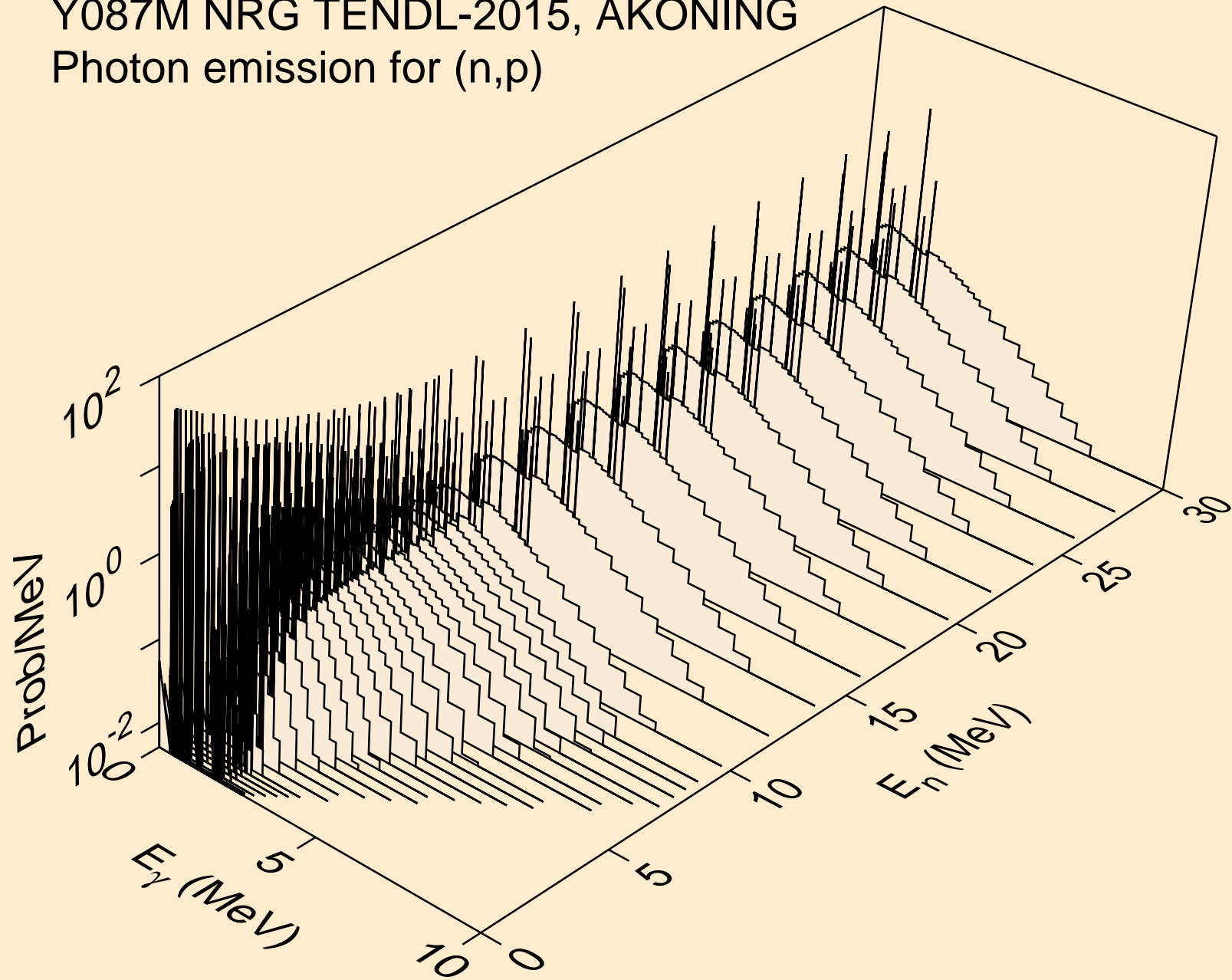




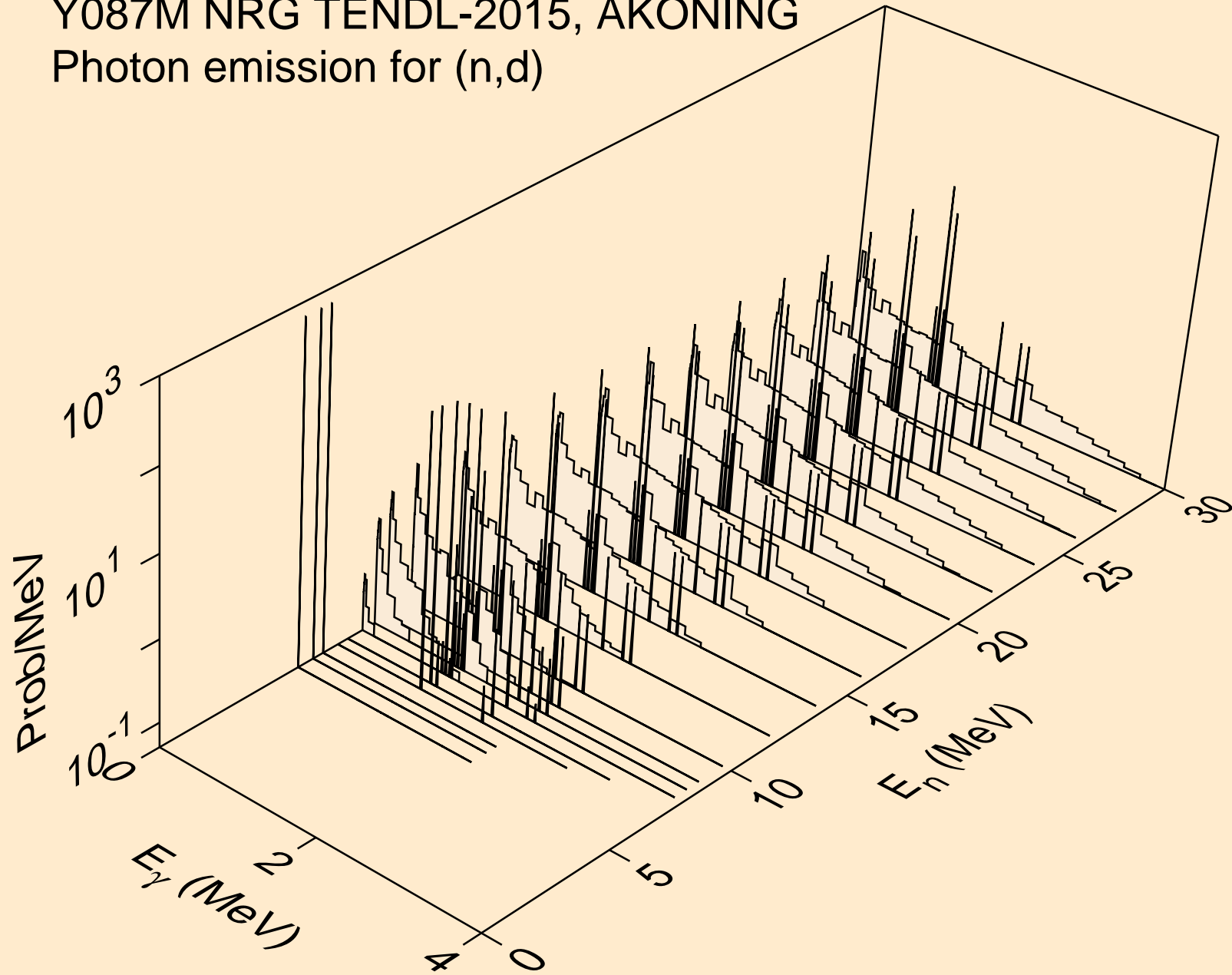
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Photon emission for (n,gma)



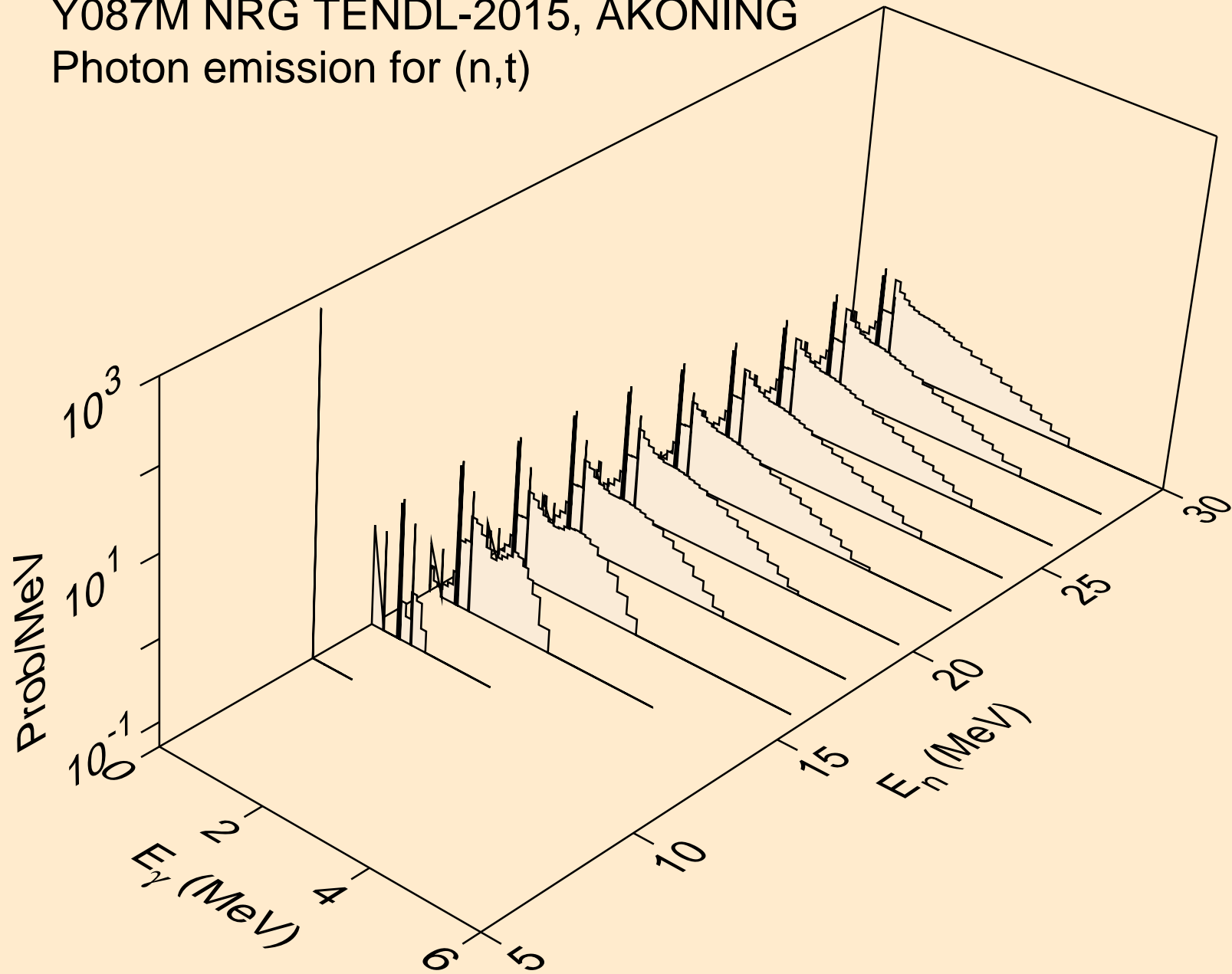
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Photon emission for (n,p)



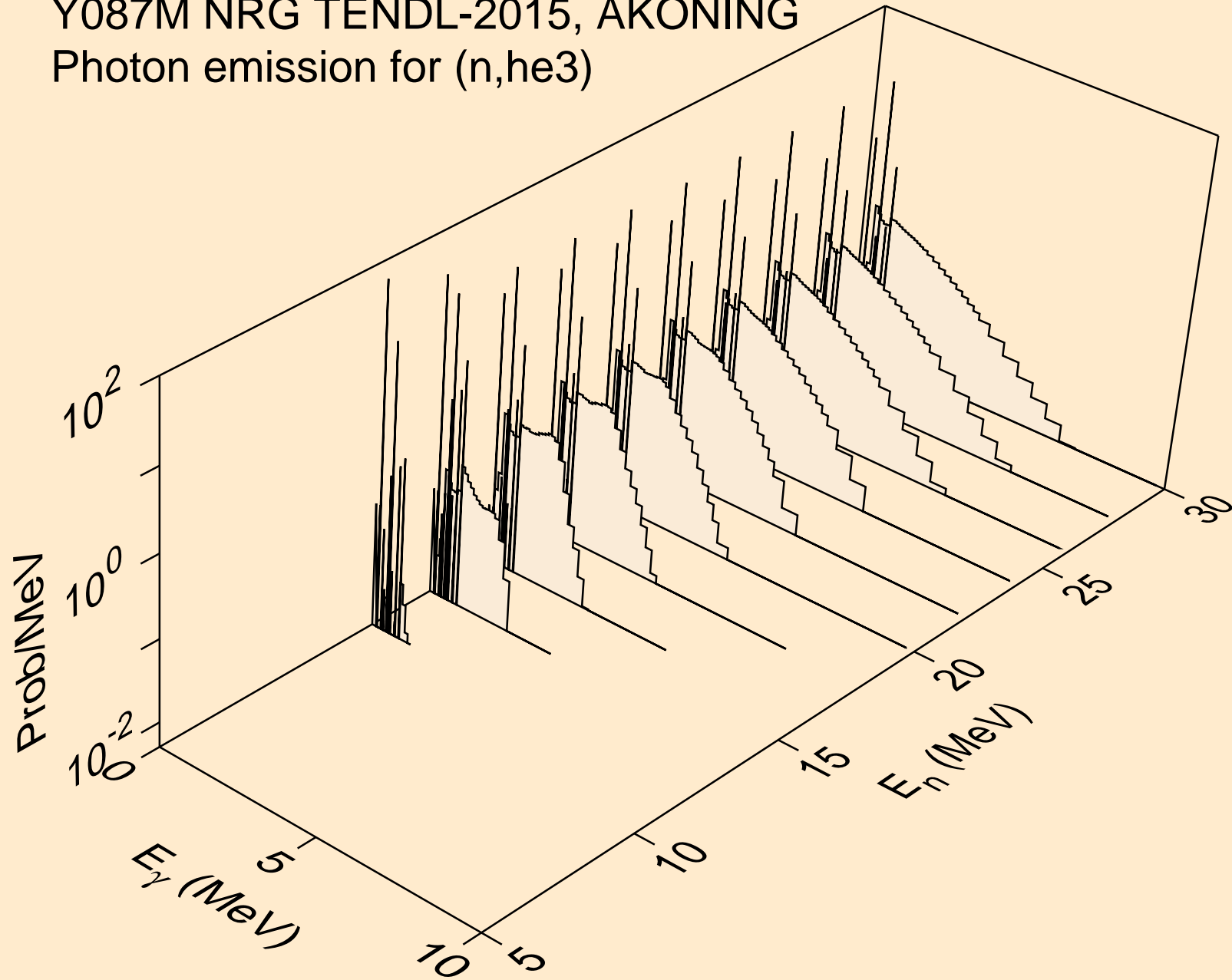
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Photon emission for (n,d)



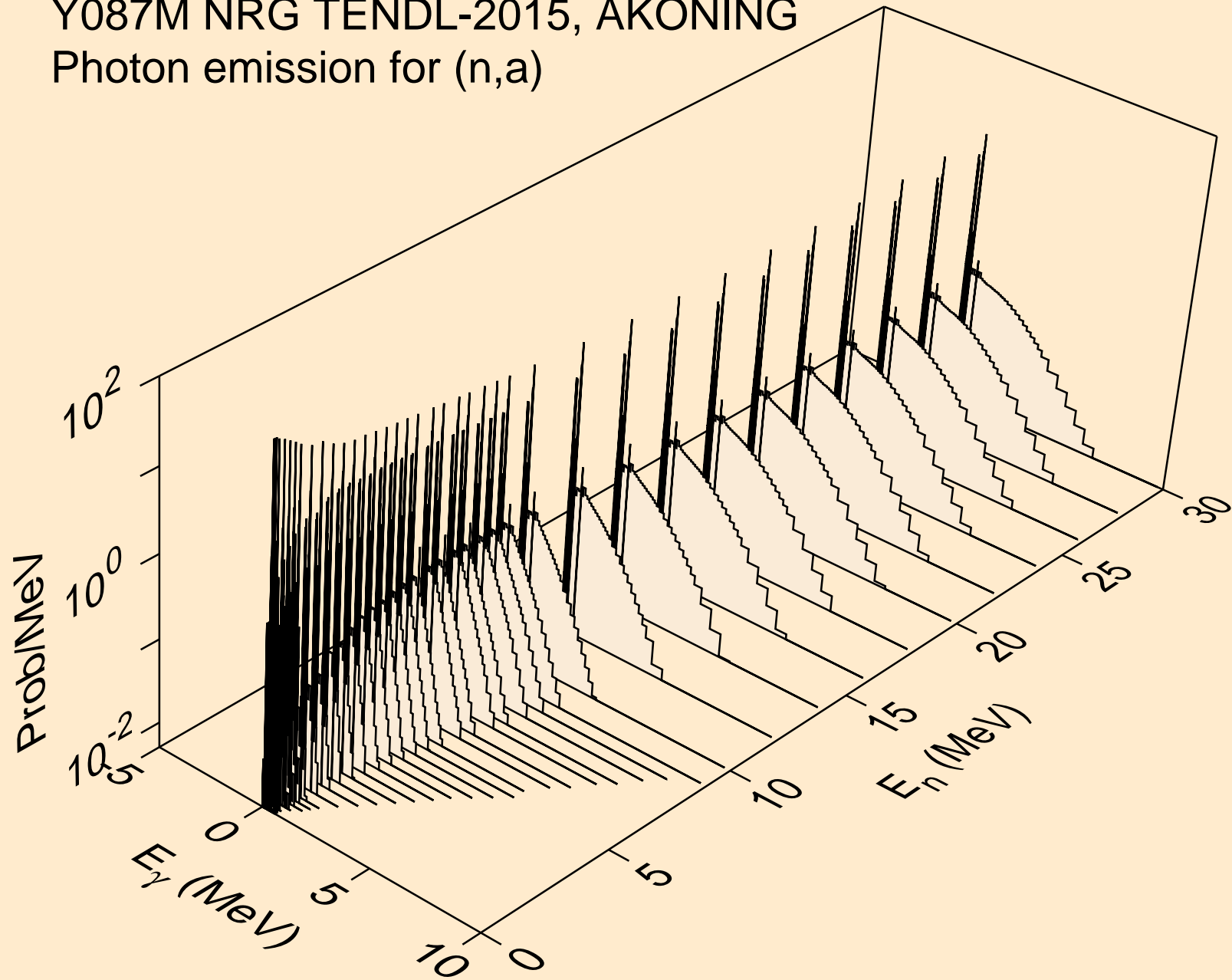
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Photon emission for (n,t)



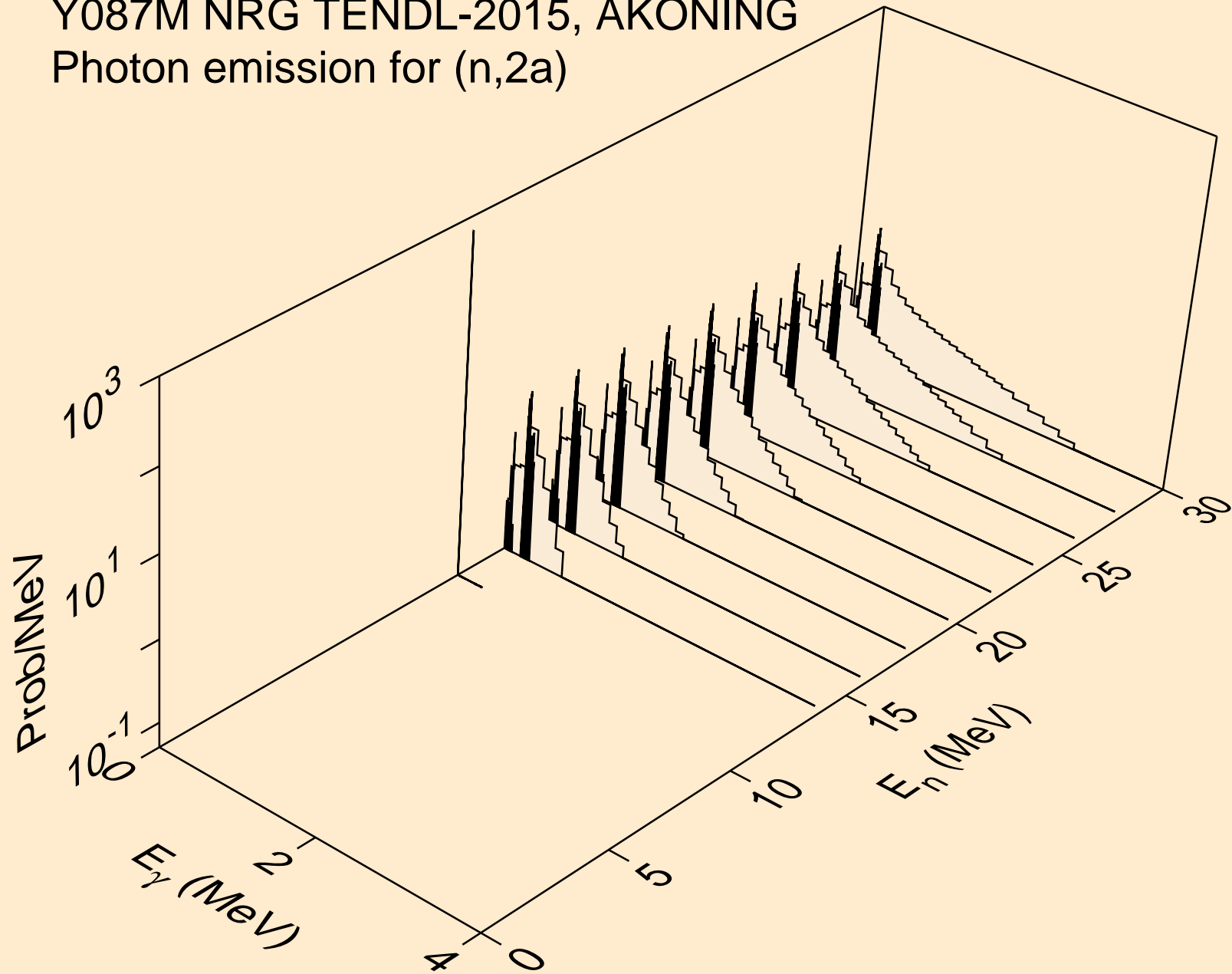
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Photon emission for (n,he3)



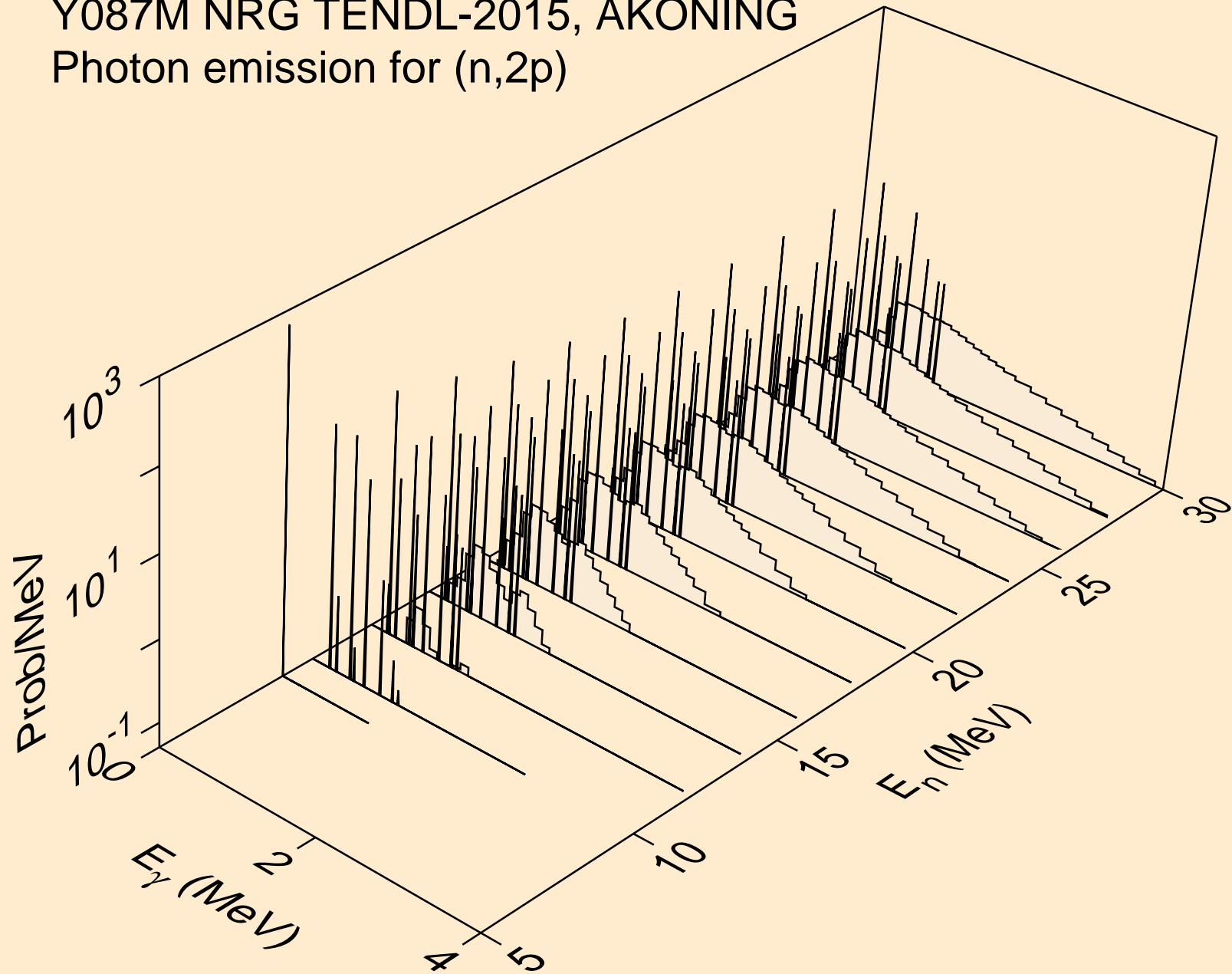
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Photon emission for (n,a)



Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

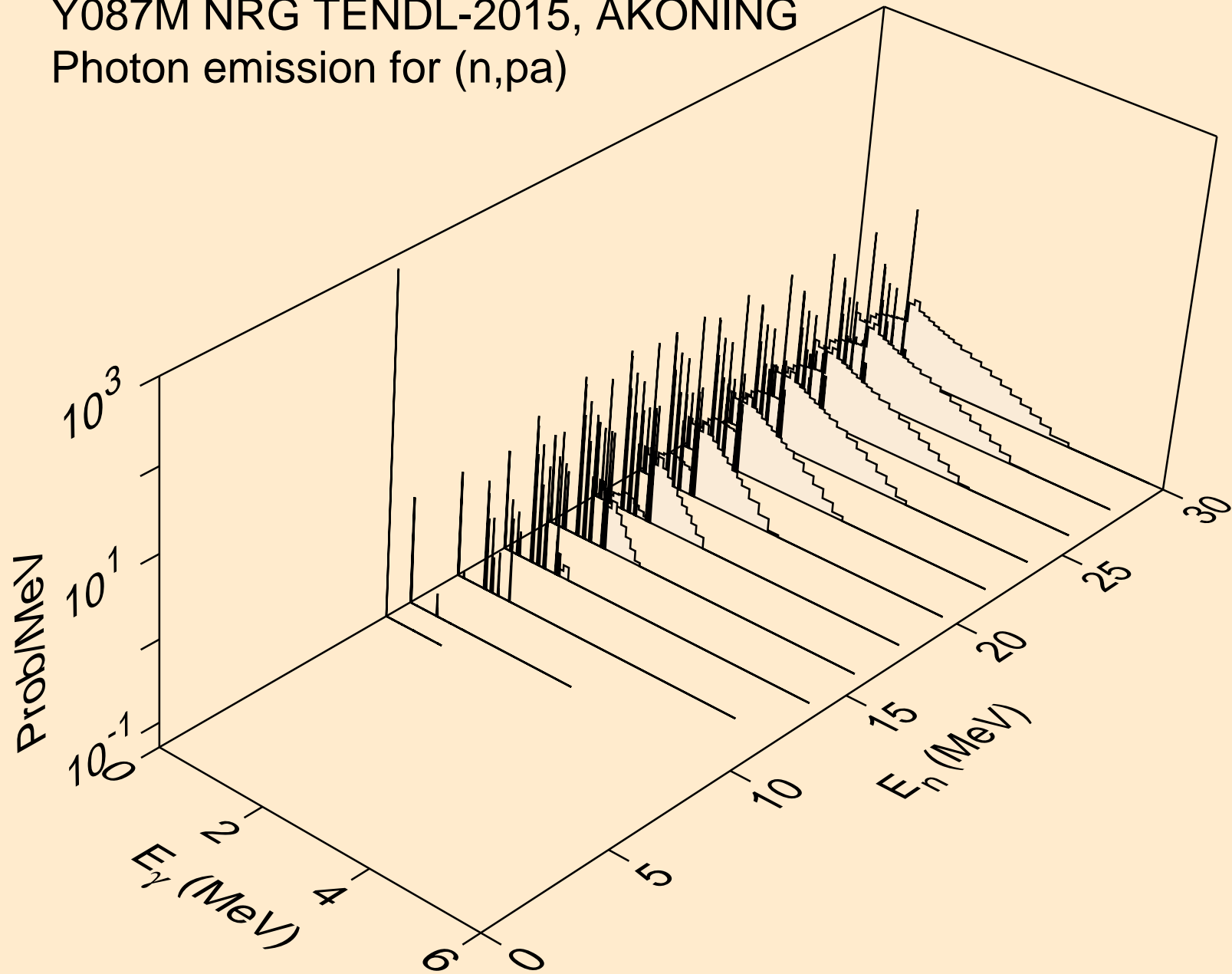


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Photon emission for (n,2p)

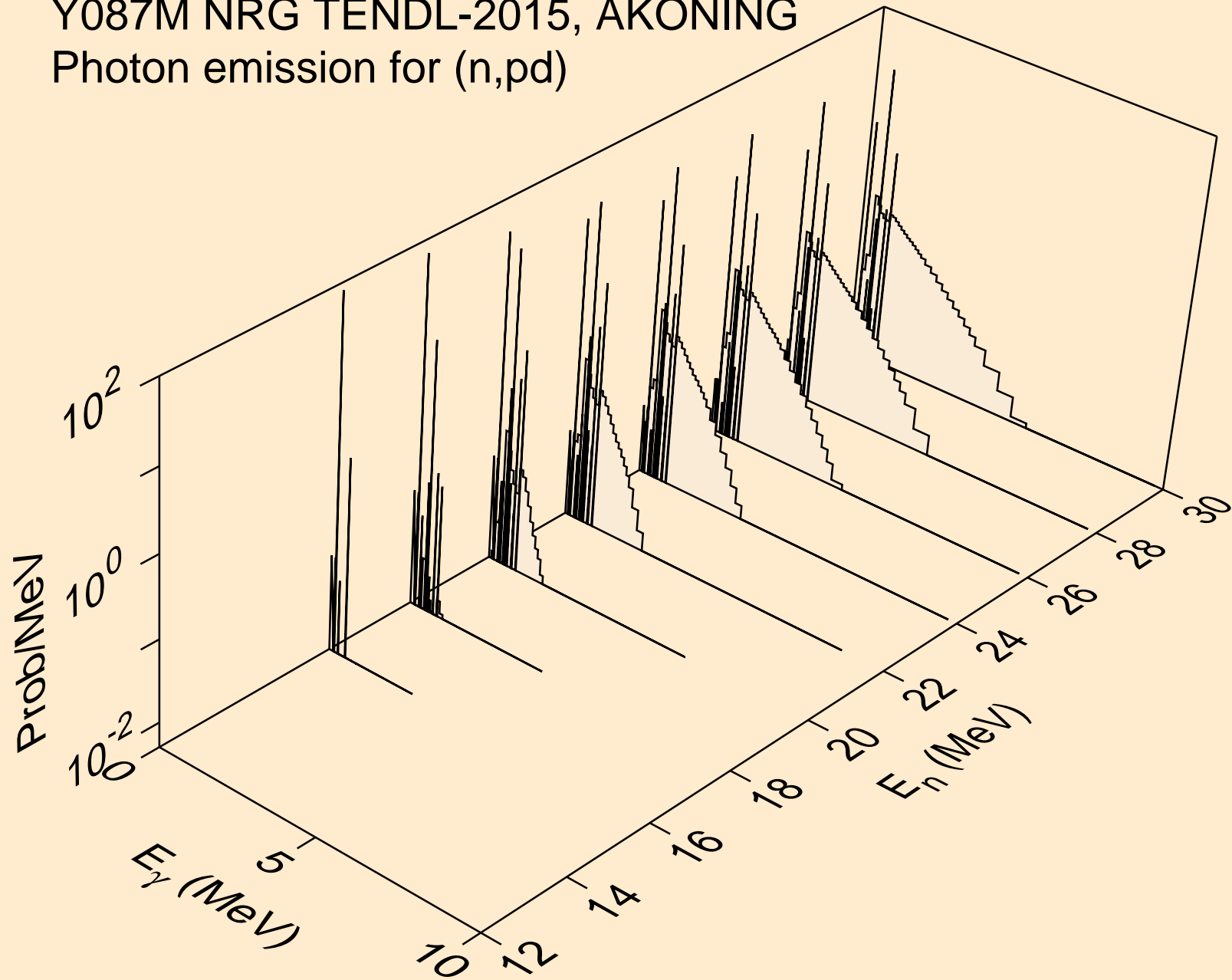




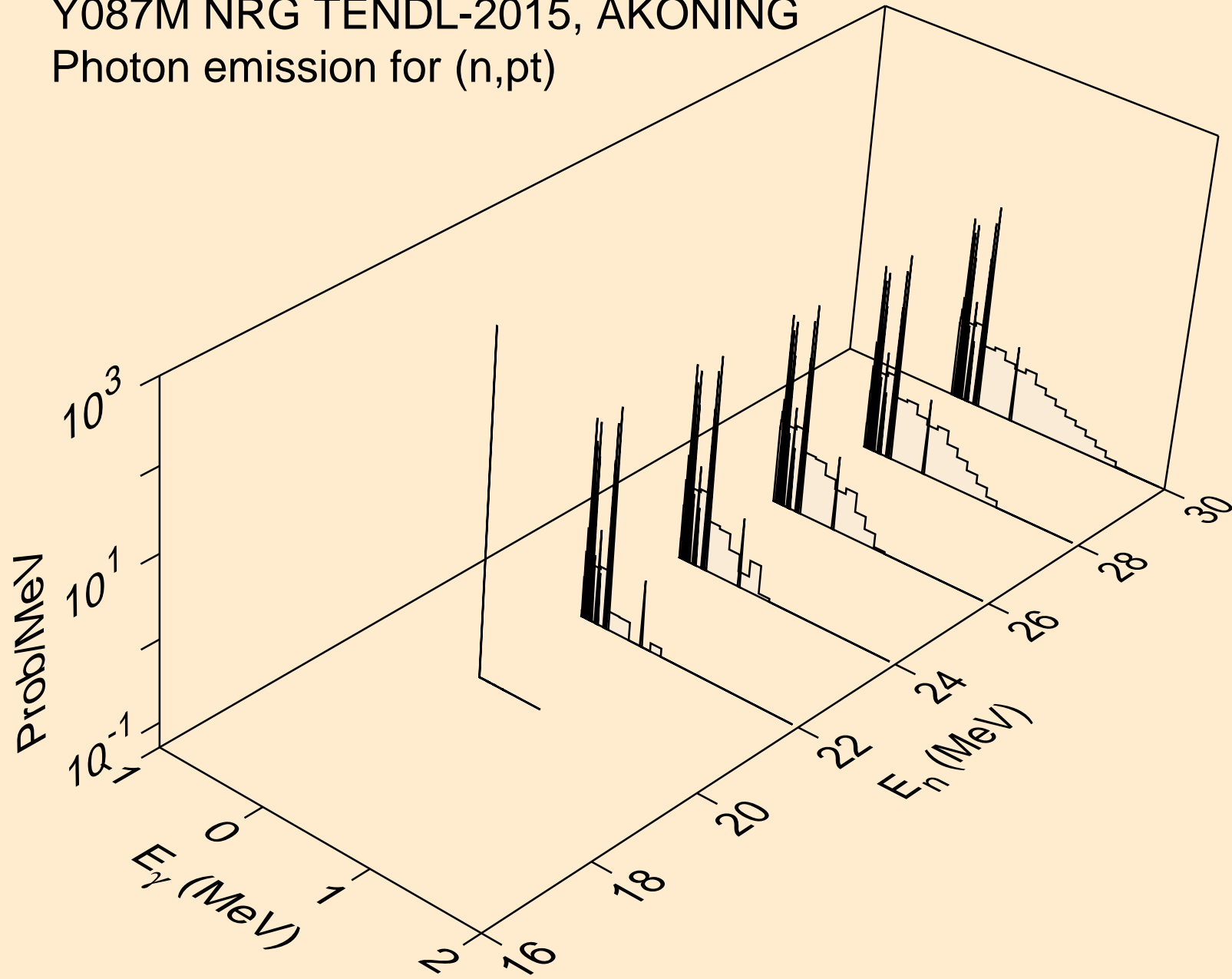
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Photon emission for (n,pa)



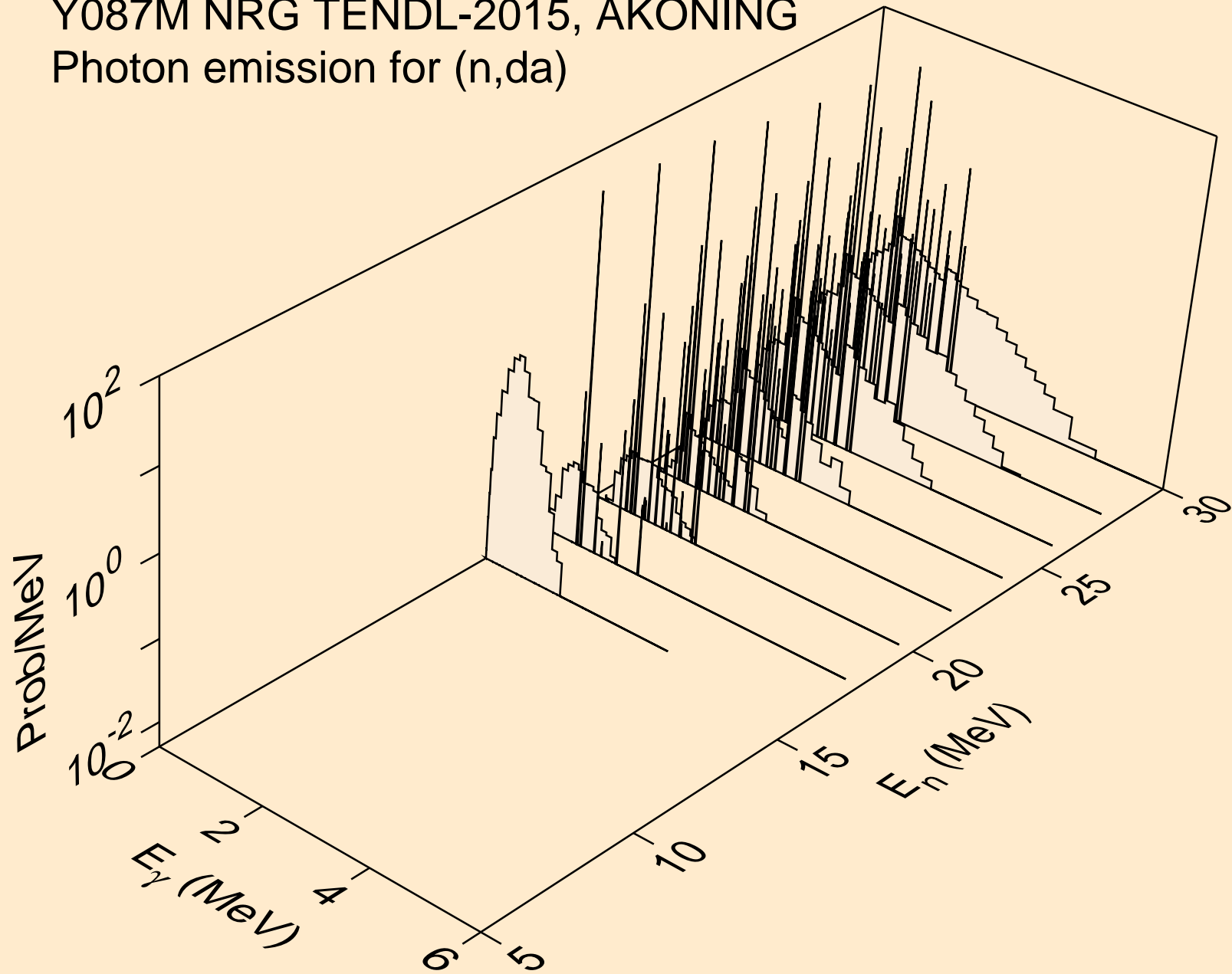
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Photon emission for (n,pd)



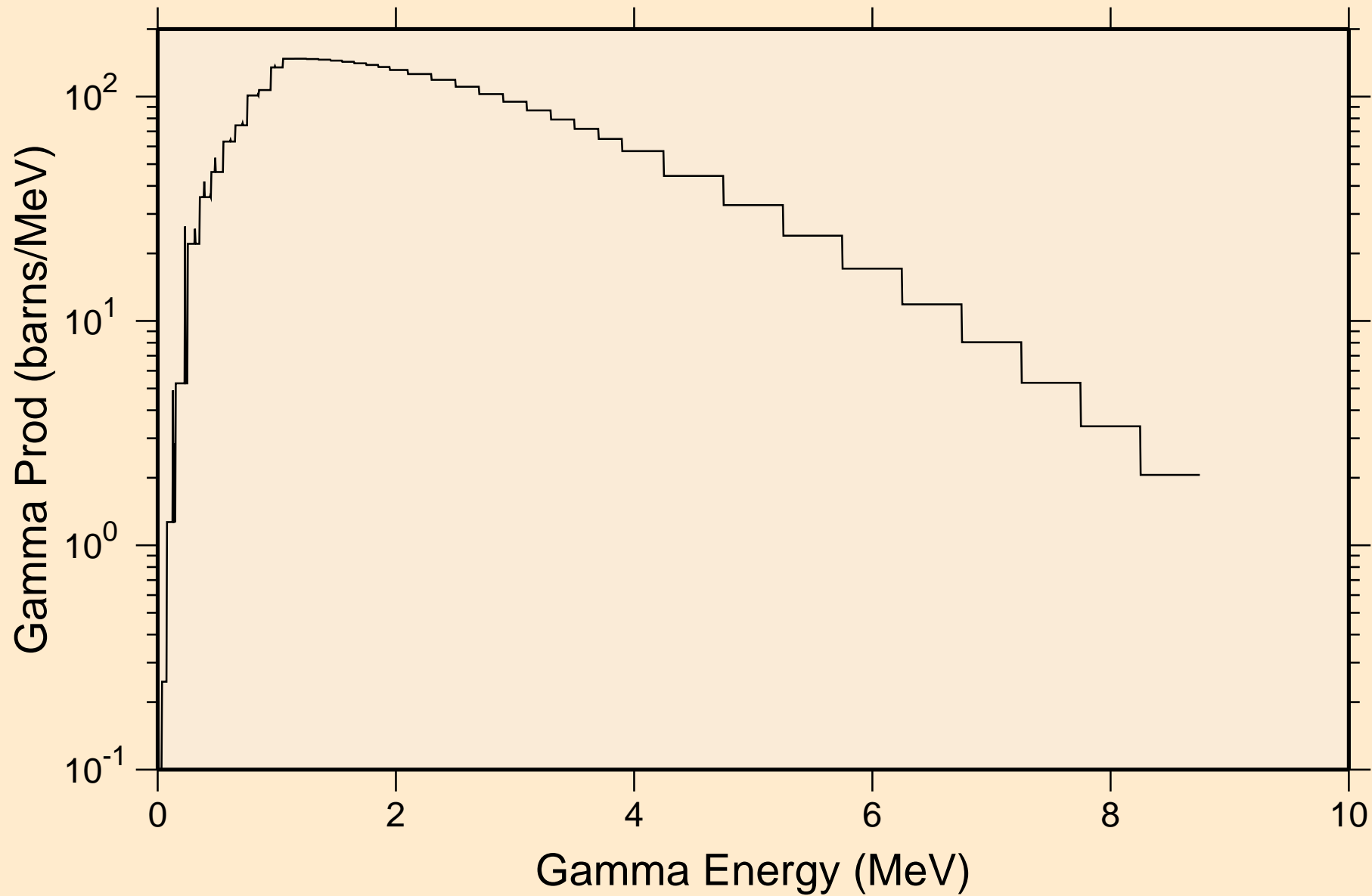
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Photon emission for (n,pt)



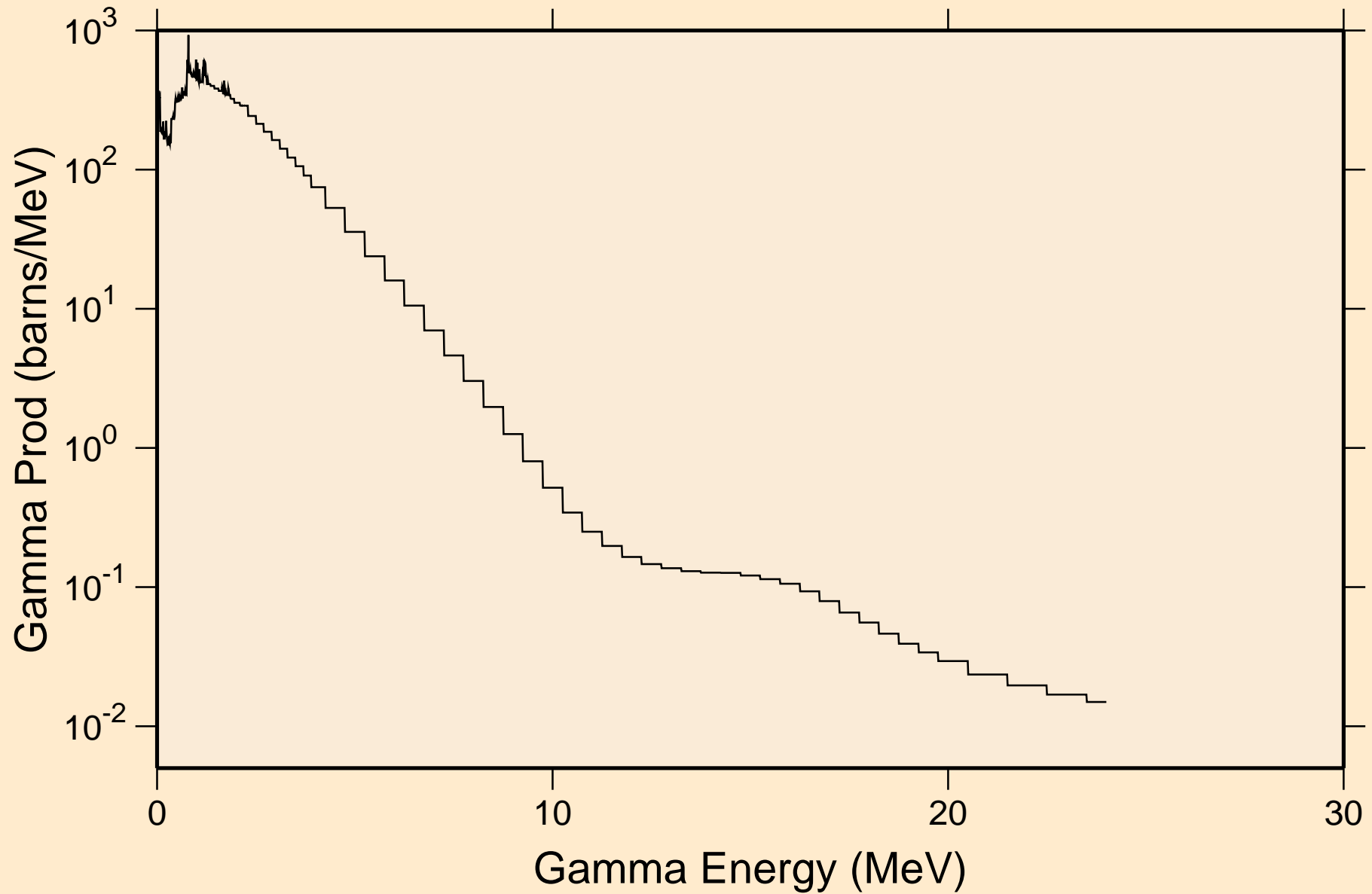
Y087M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



Y087M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

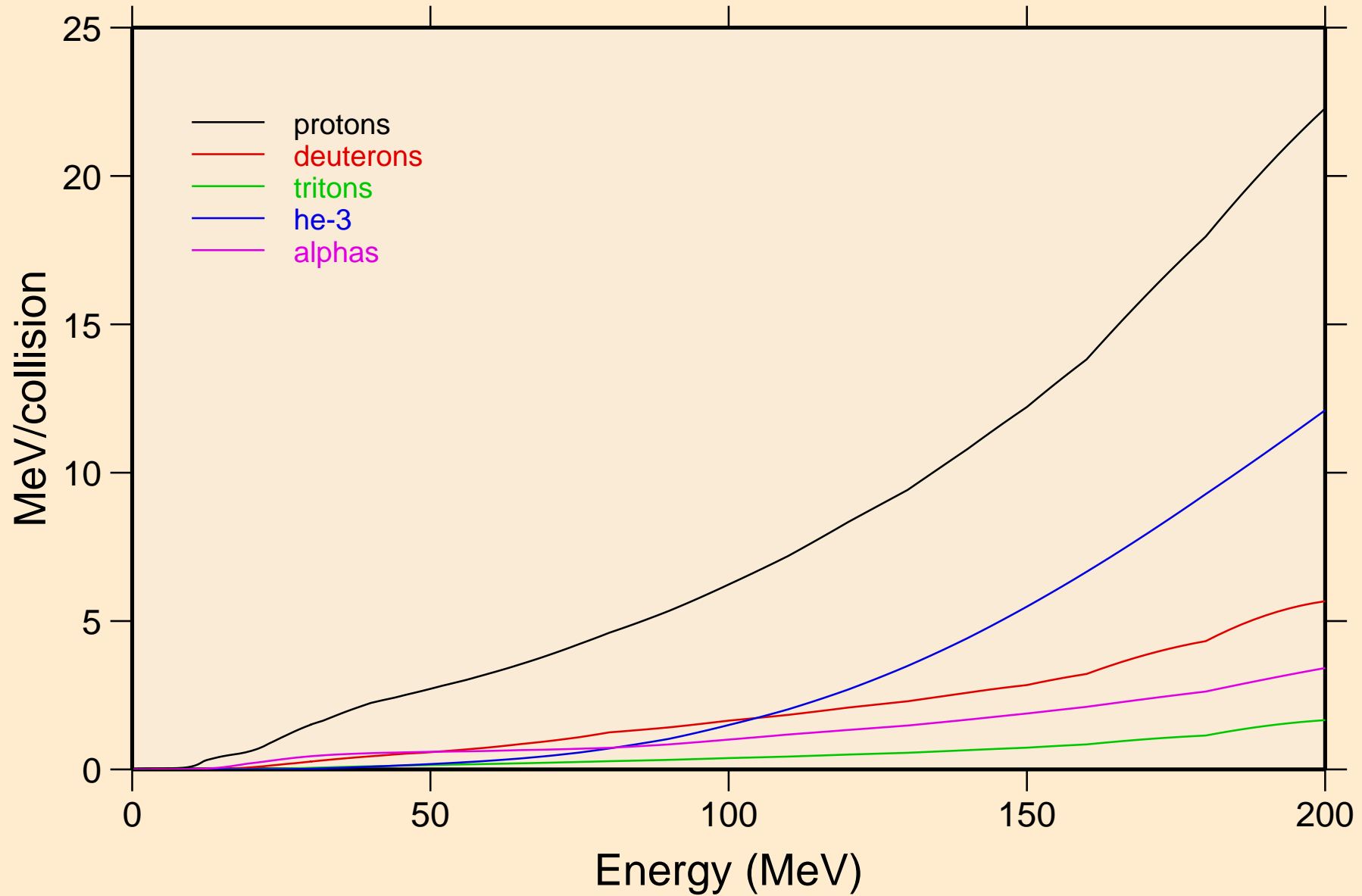


Y087M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



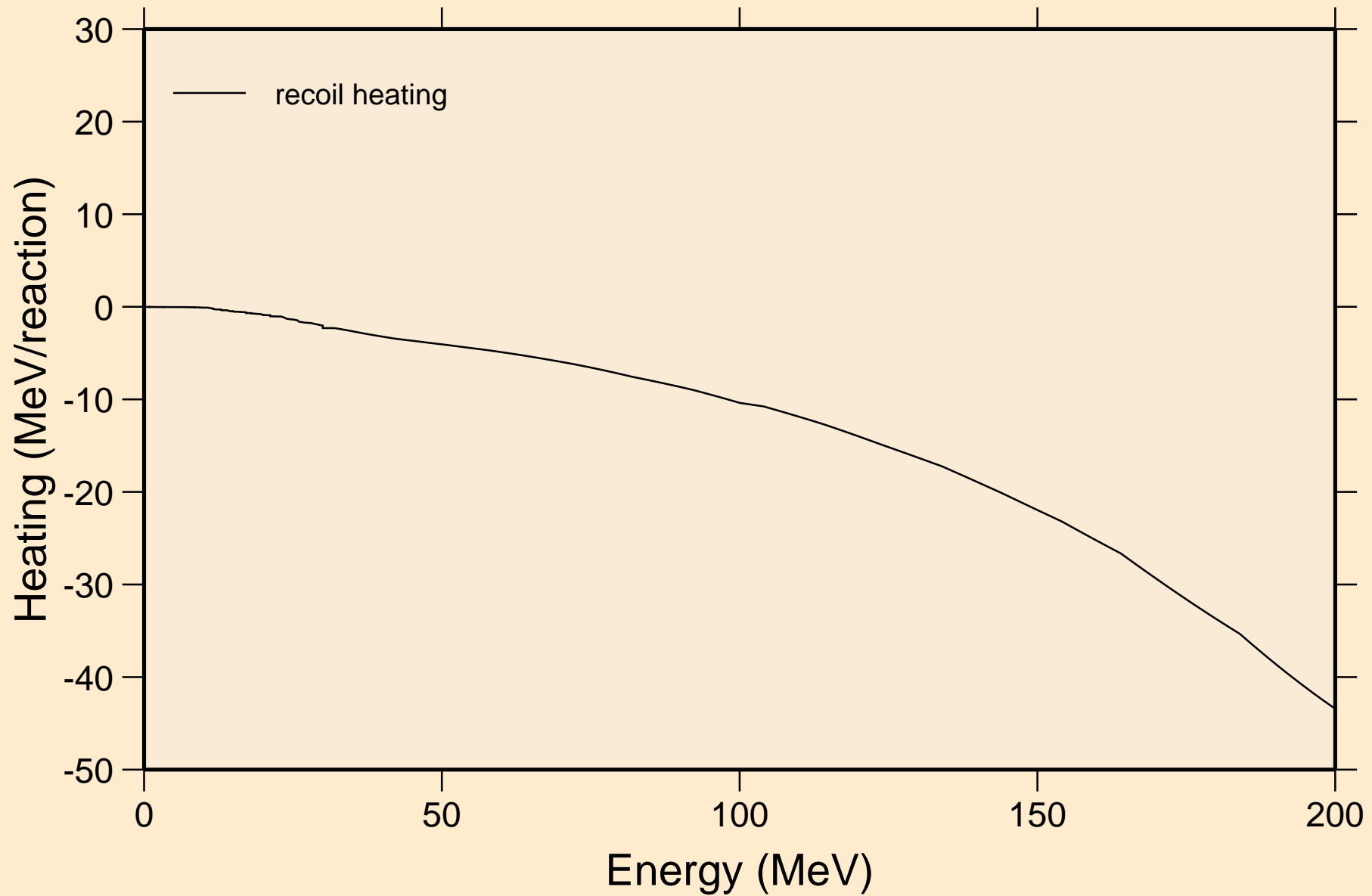
# Y087M NRG TENDL-2015, AKONING

## Particle heating contributions



# Y087M NRG TENDL-2015, AKONING

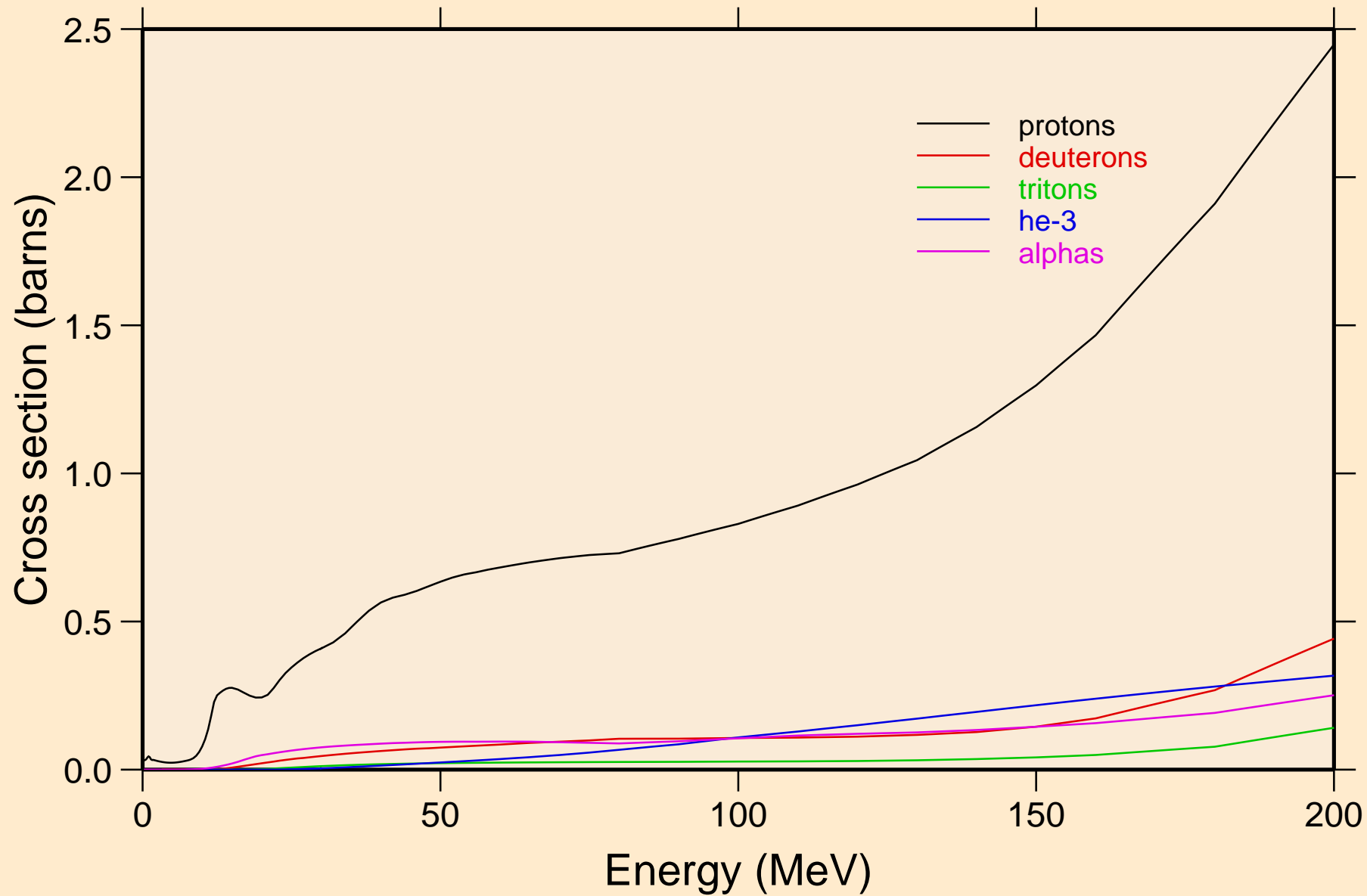
## Recoil Heating



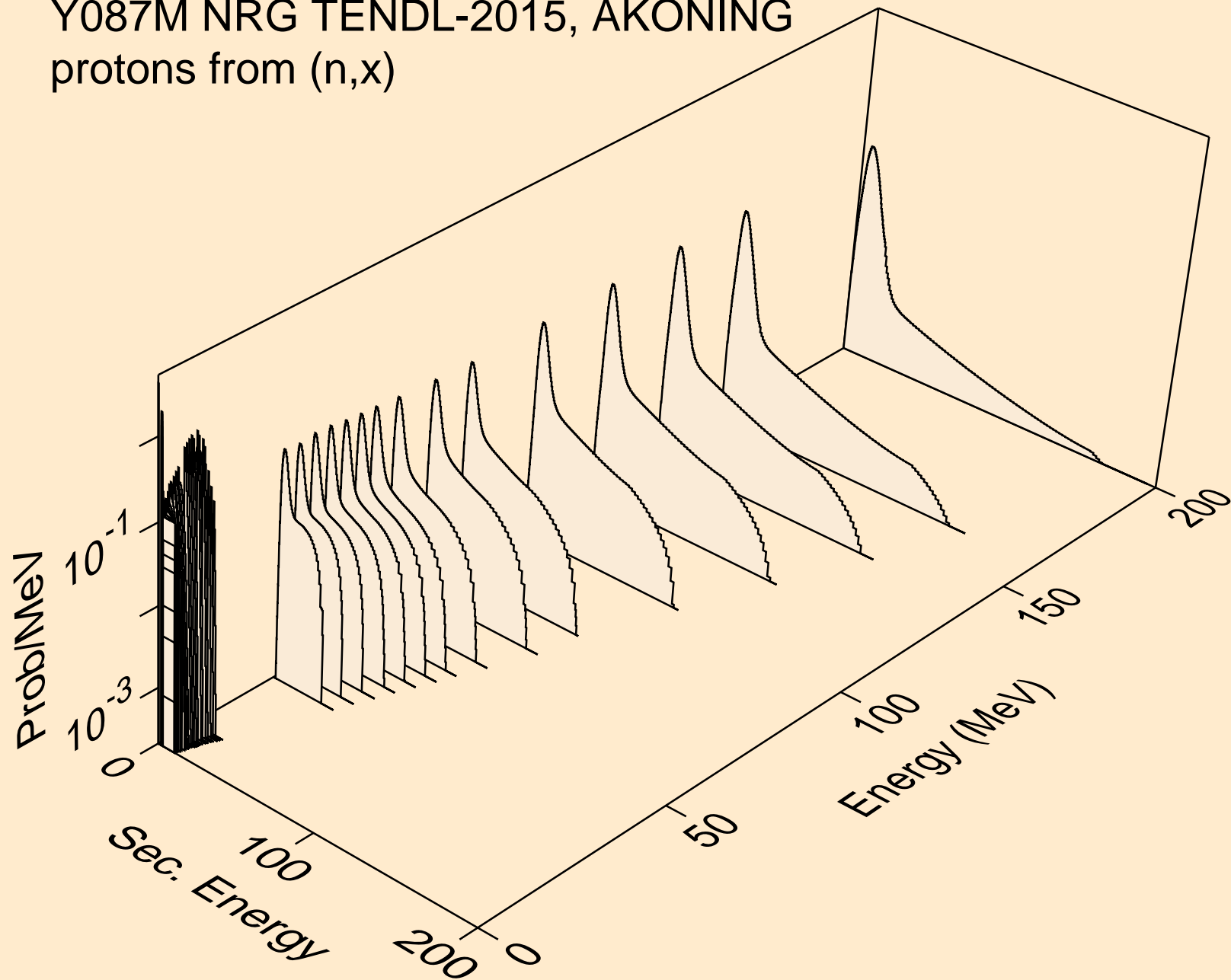


# Y087M NRG TENDL-2015, AKONING

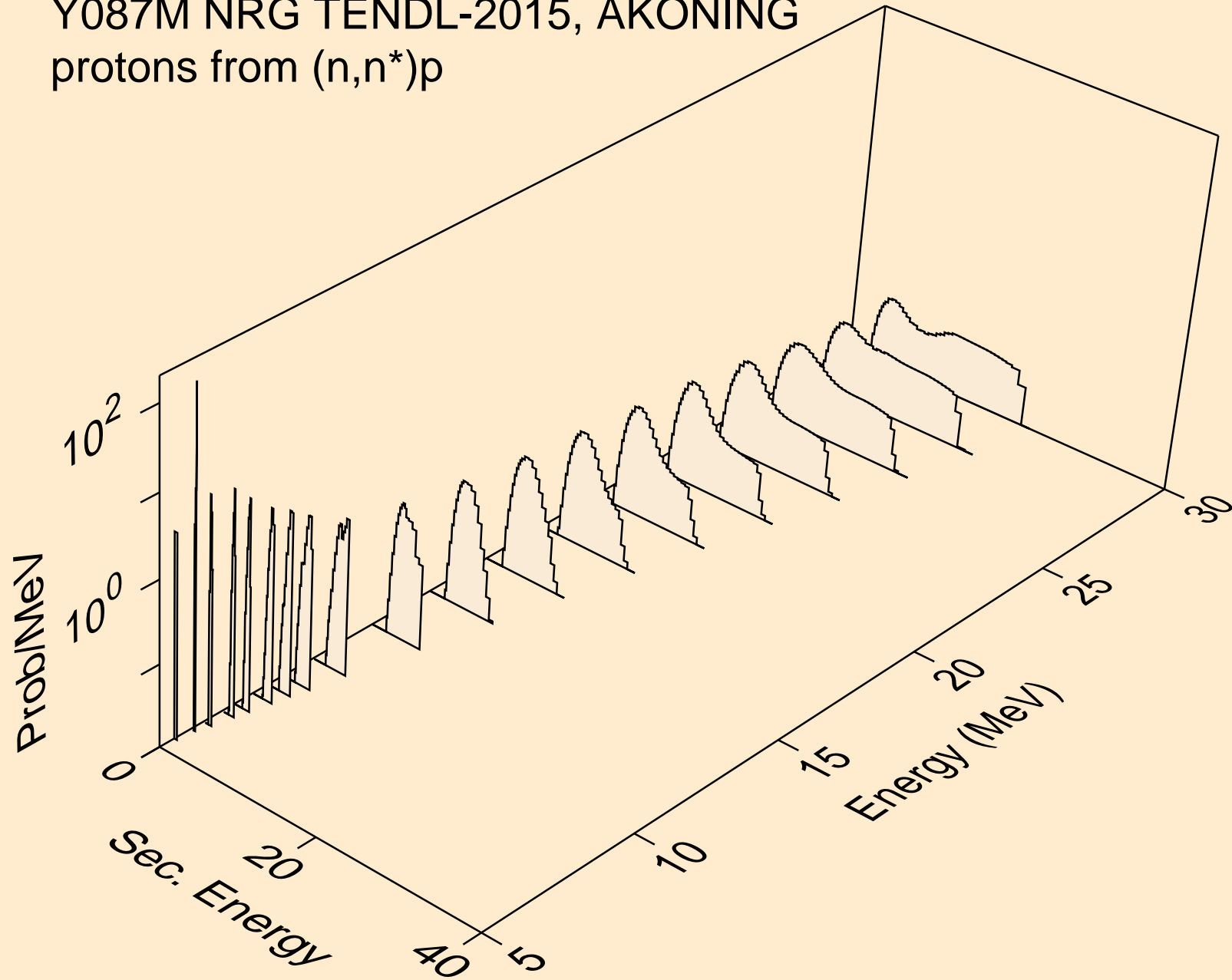
## Particle production cross sections



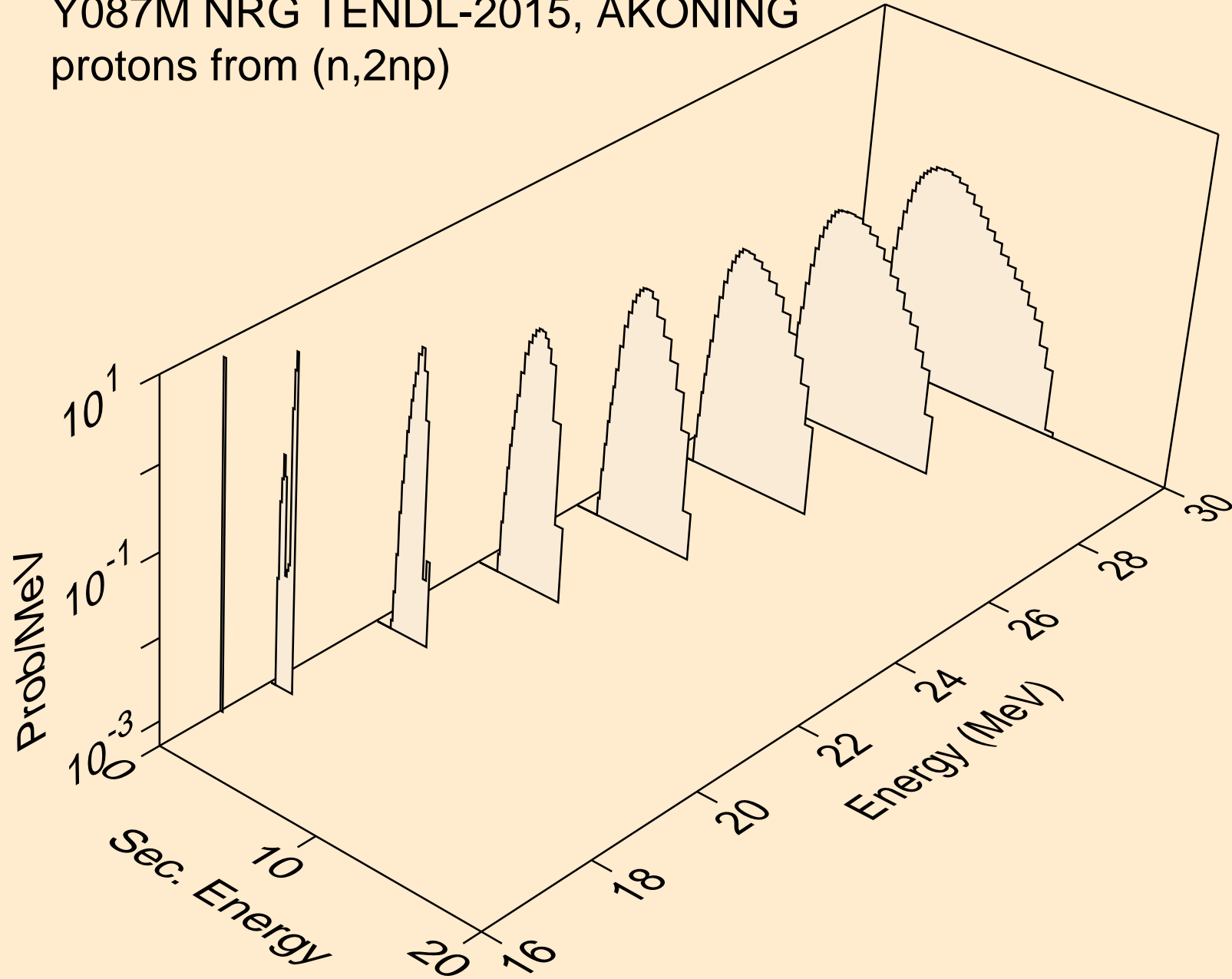
Y087M NRG TENDL-2015, AKONING  
protons from (n,x)



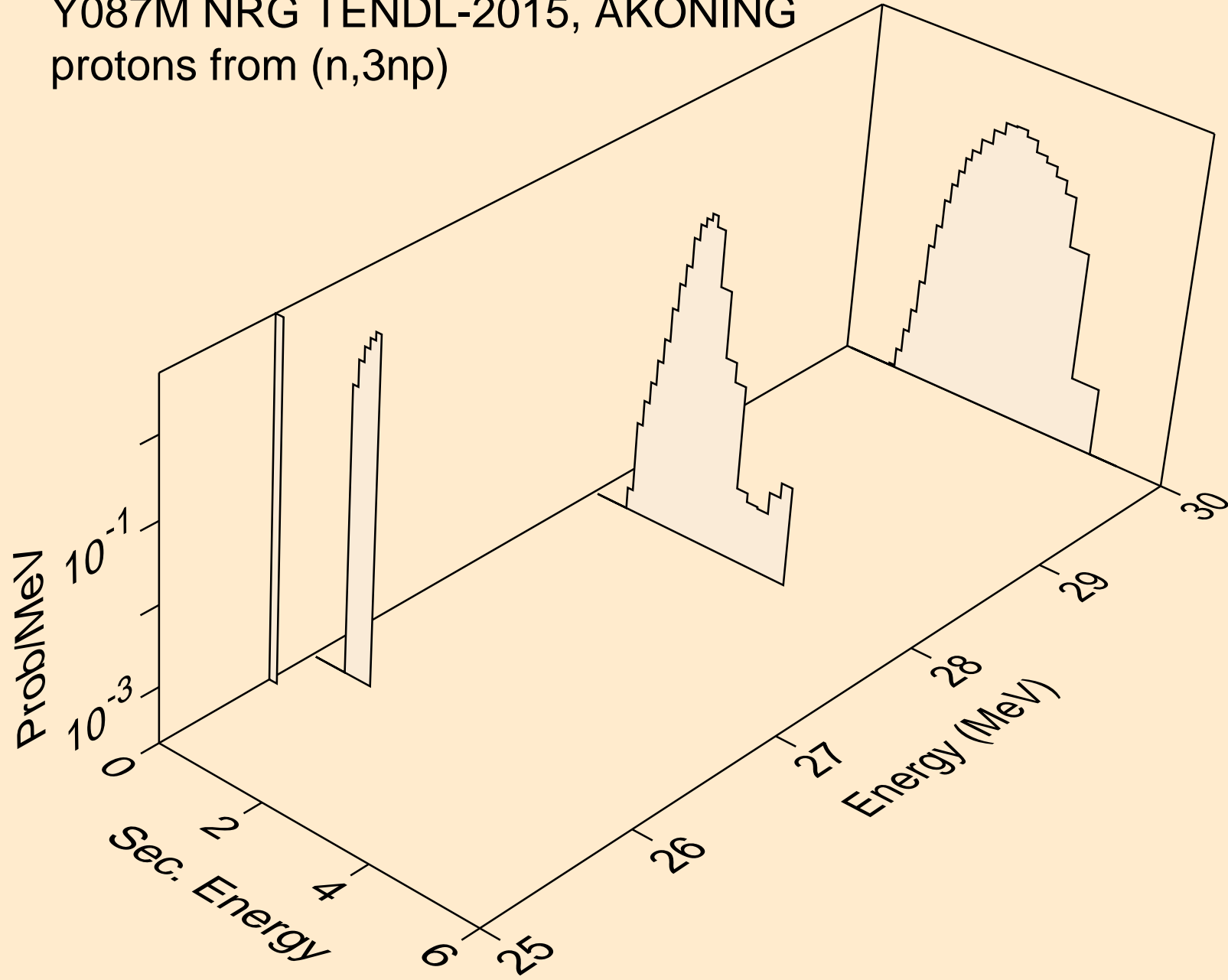
Y087M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



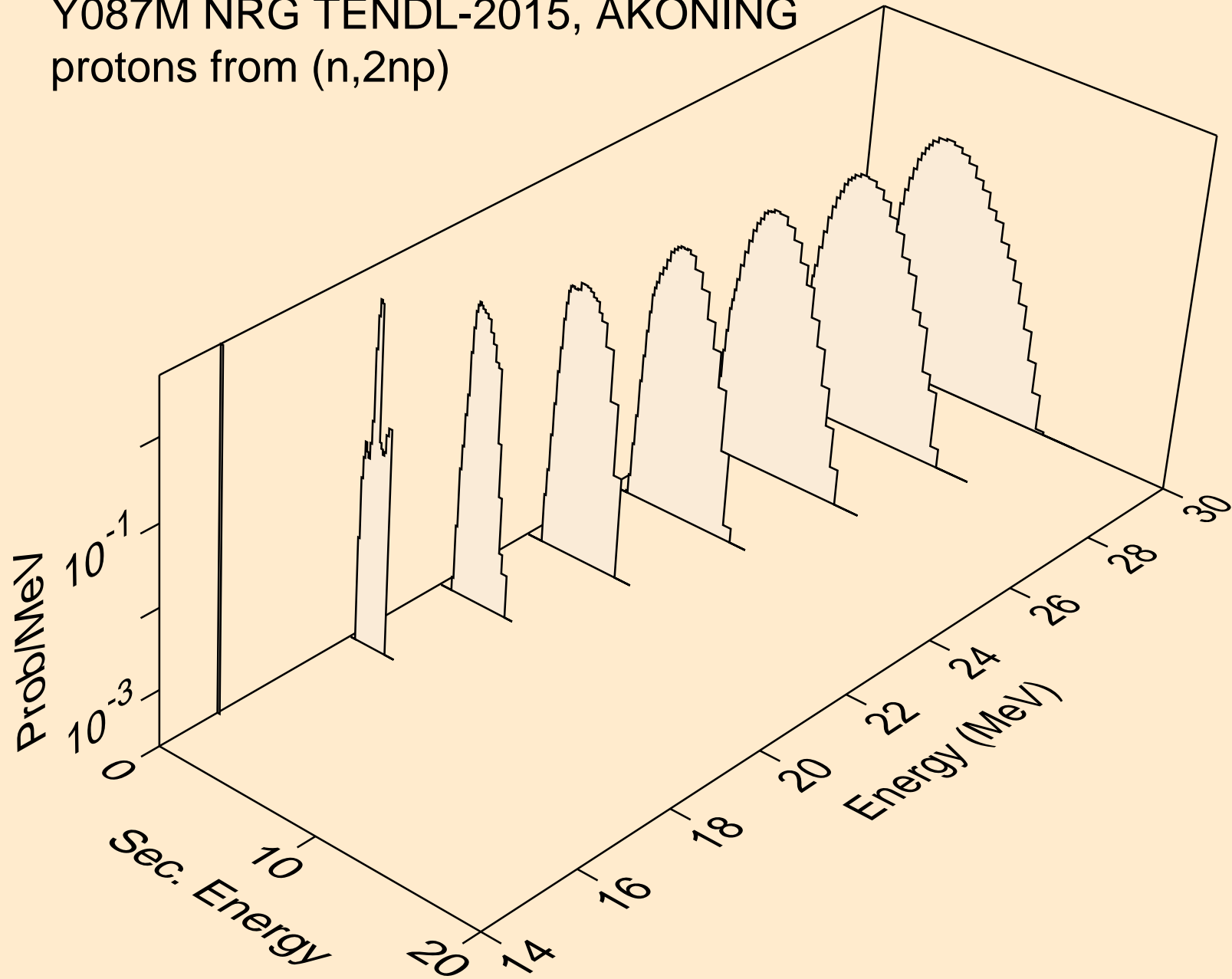
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protons from (n,2np)



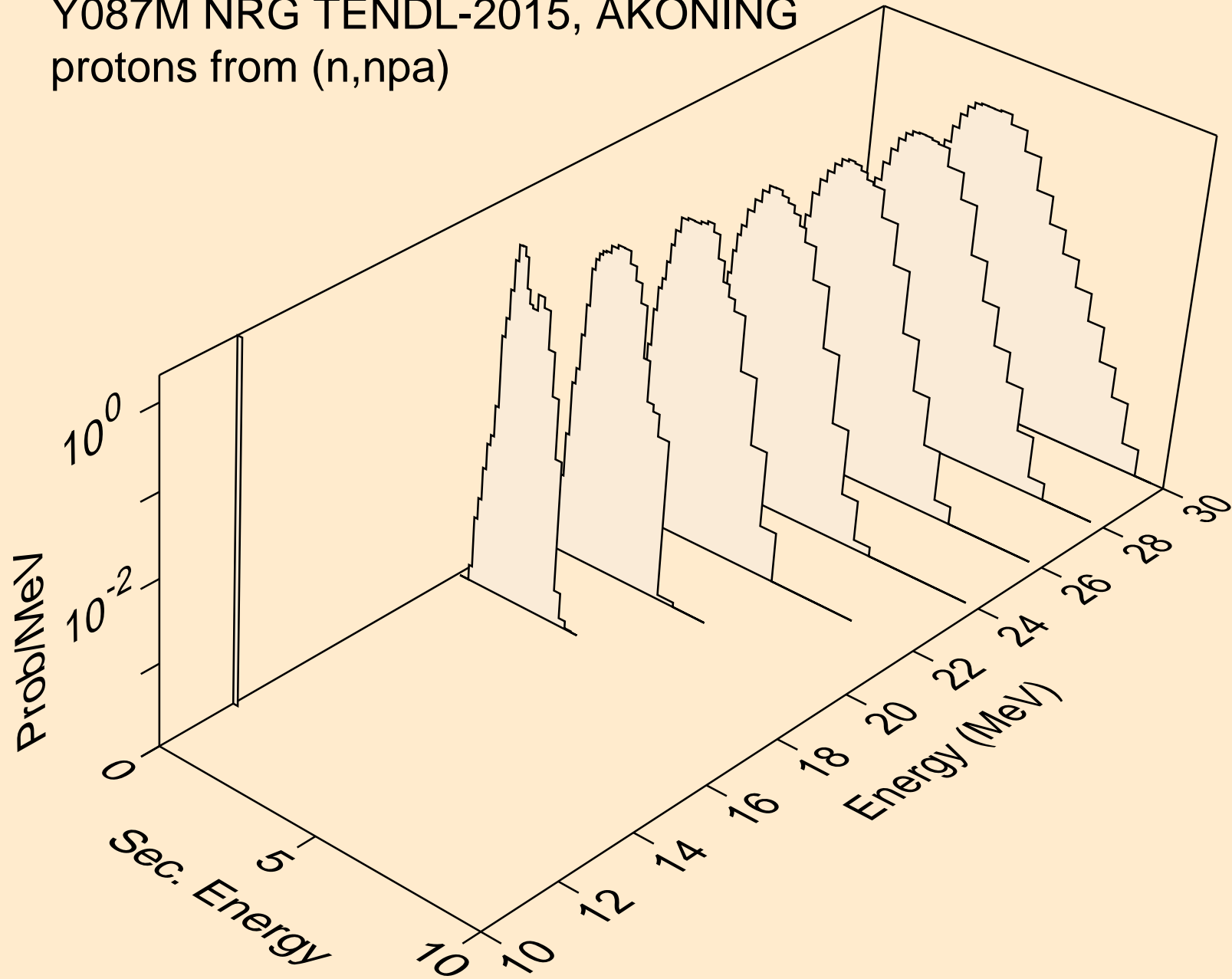
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protons from (n,3np)



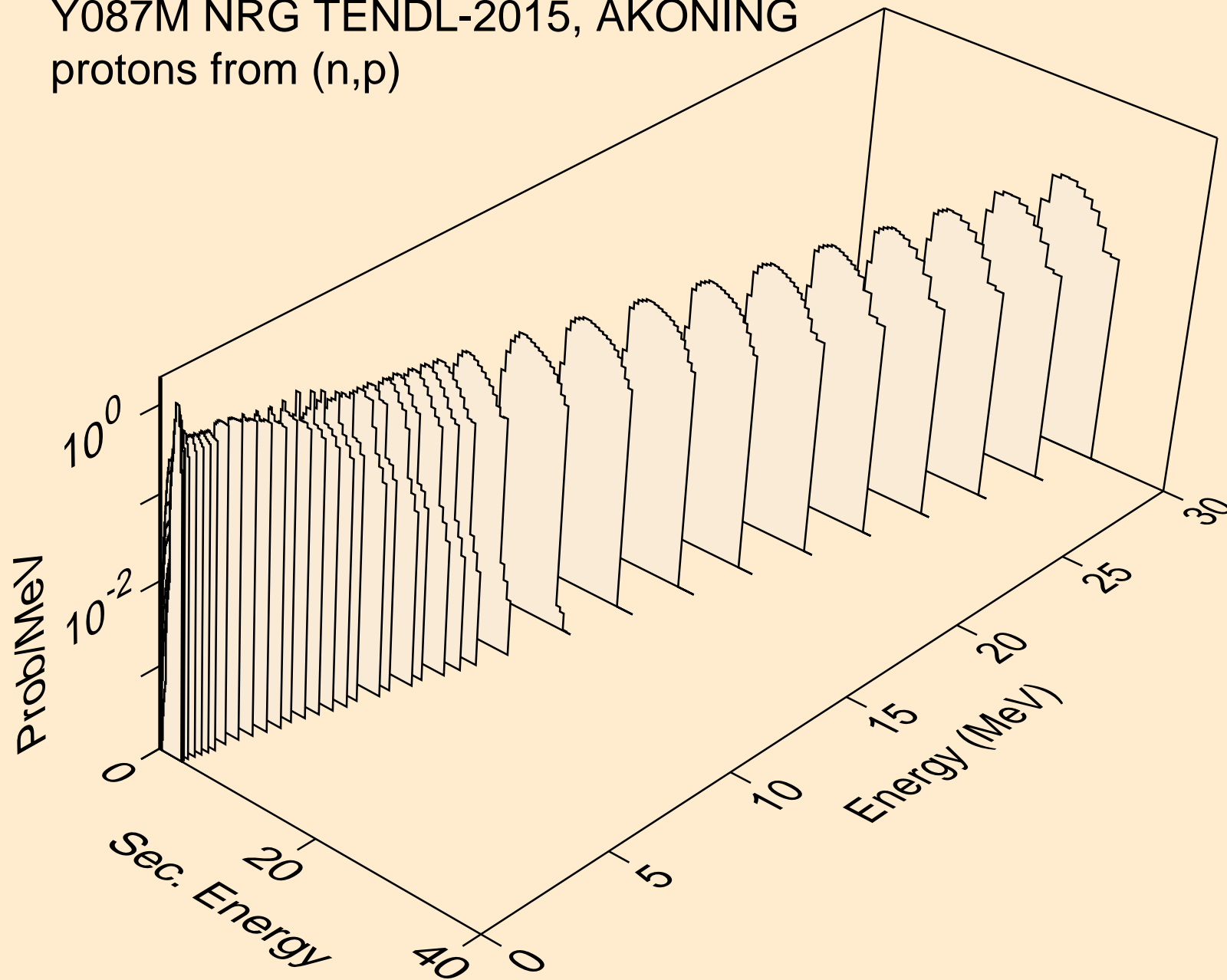
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Y087M NRG TENDL-2015, AKONING  
protons from (n,npa)

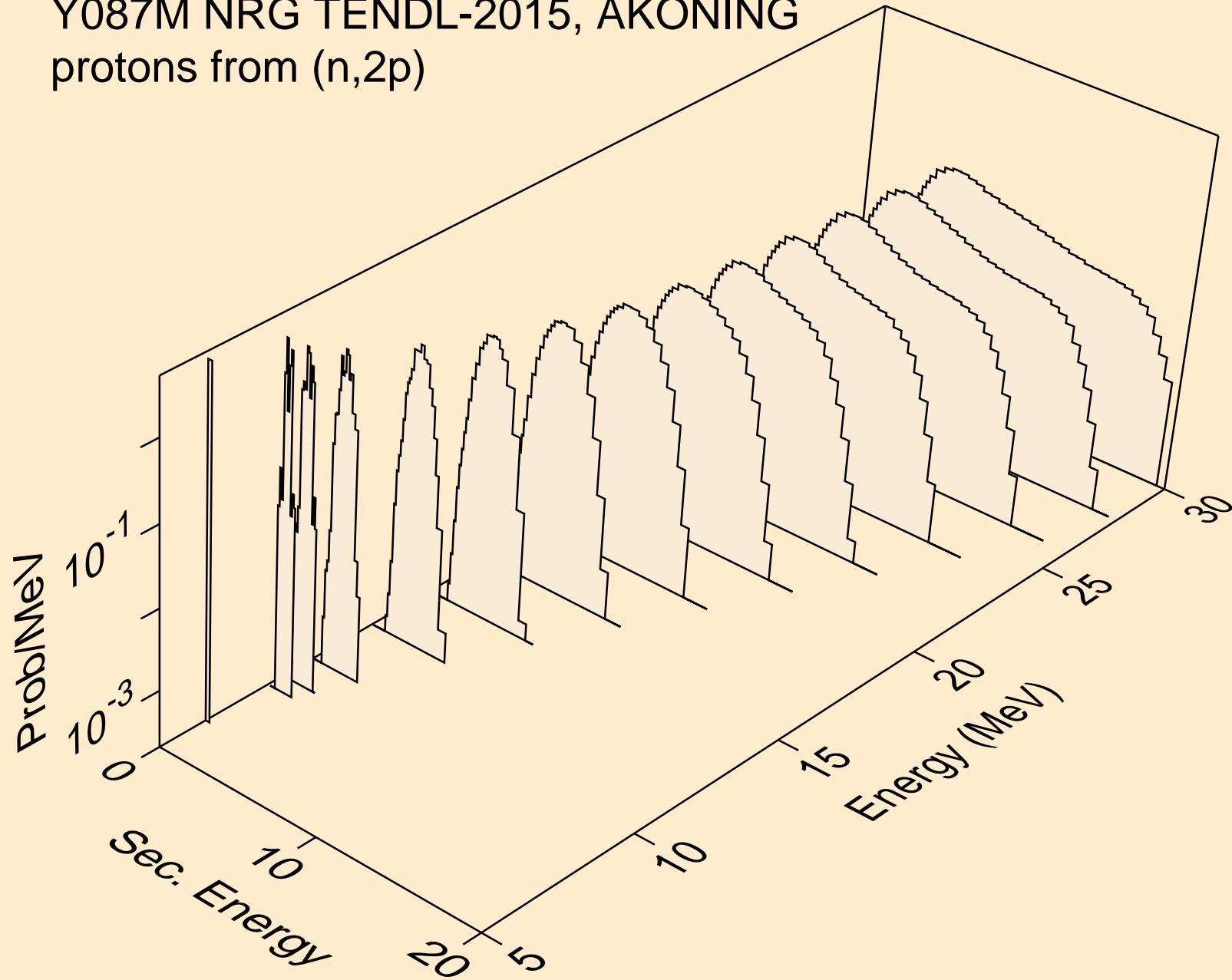


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protons from (n,p)

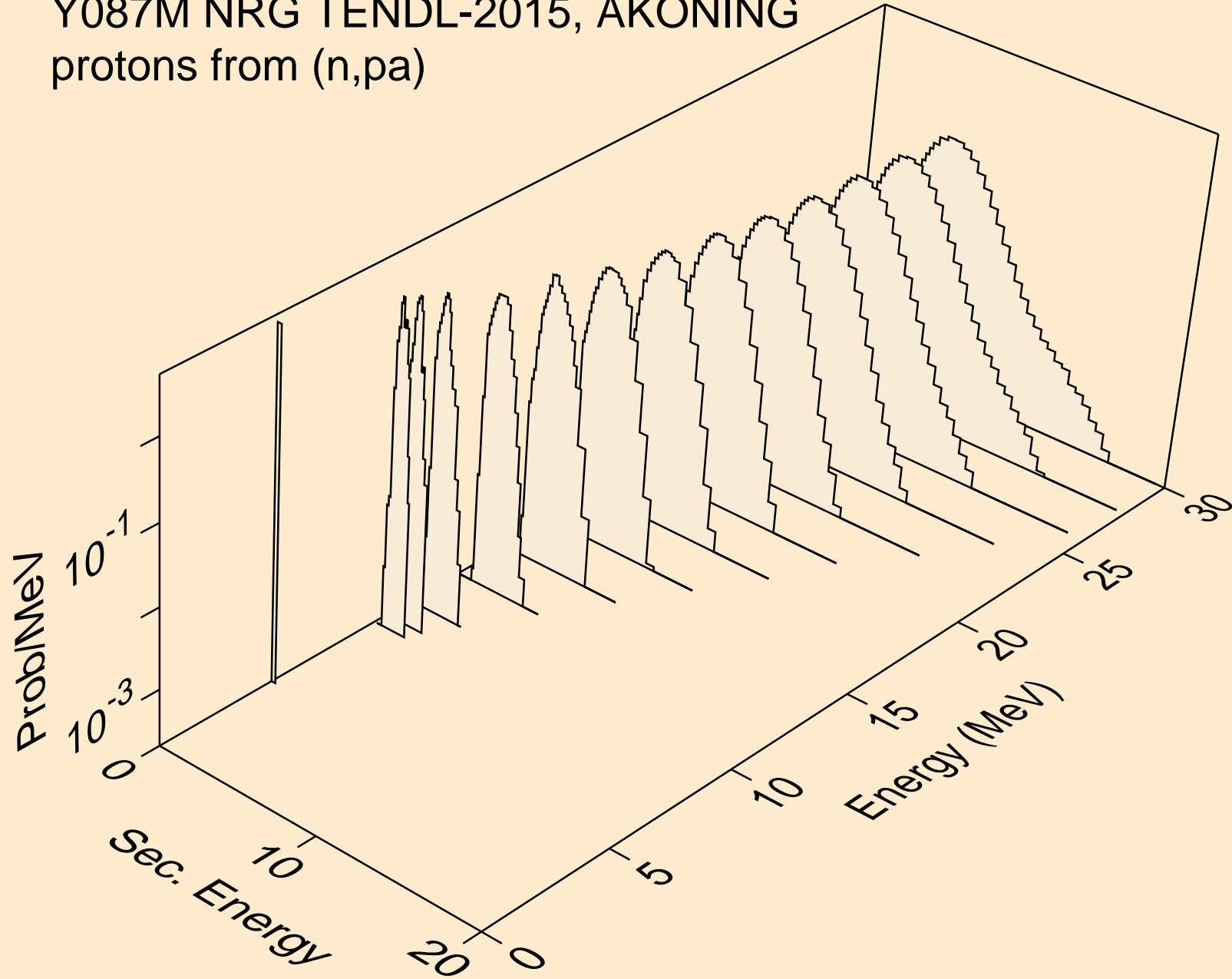




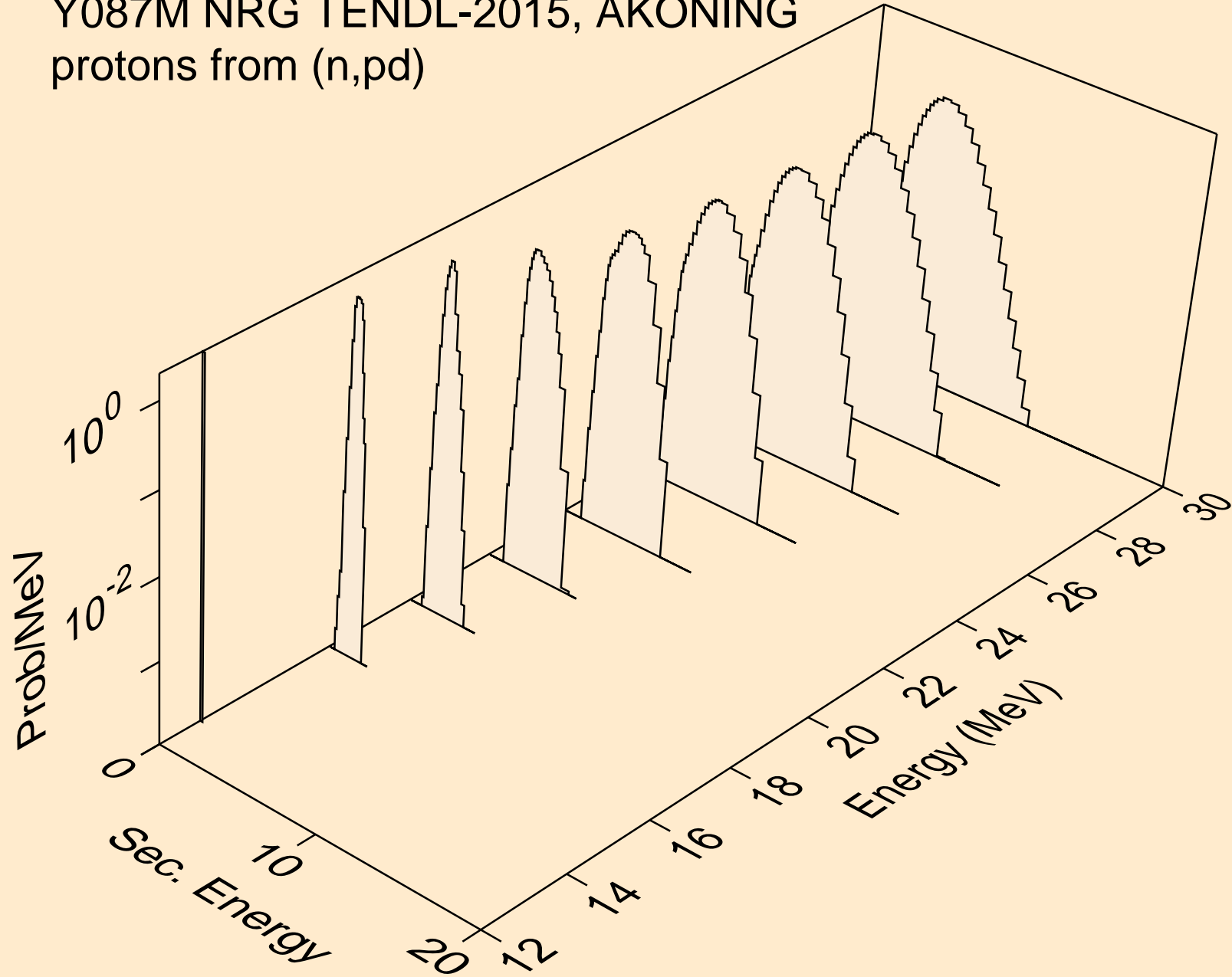
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protons from (n,2p)



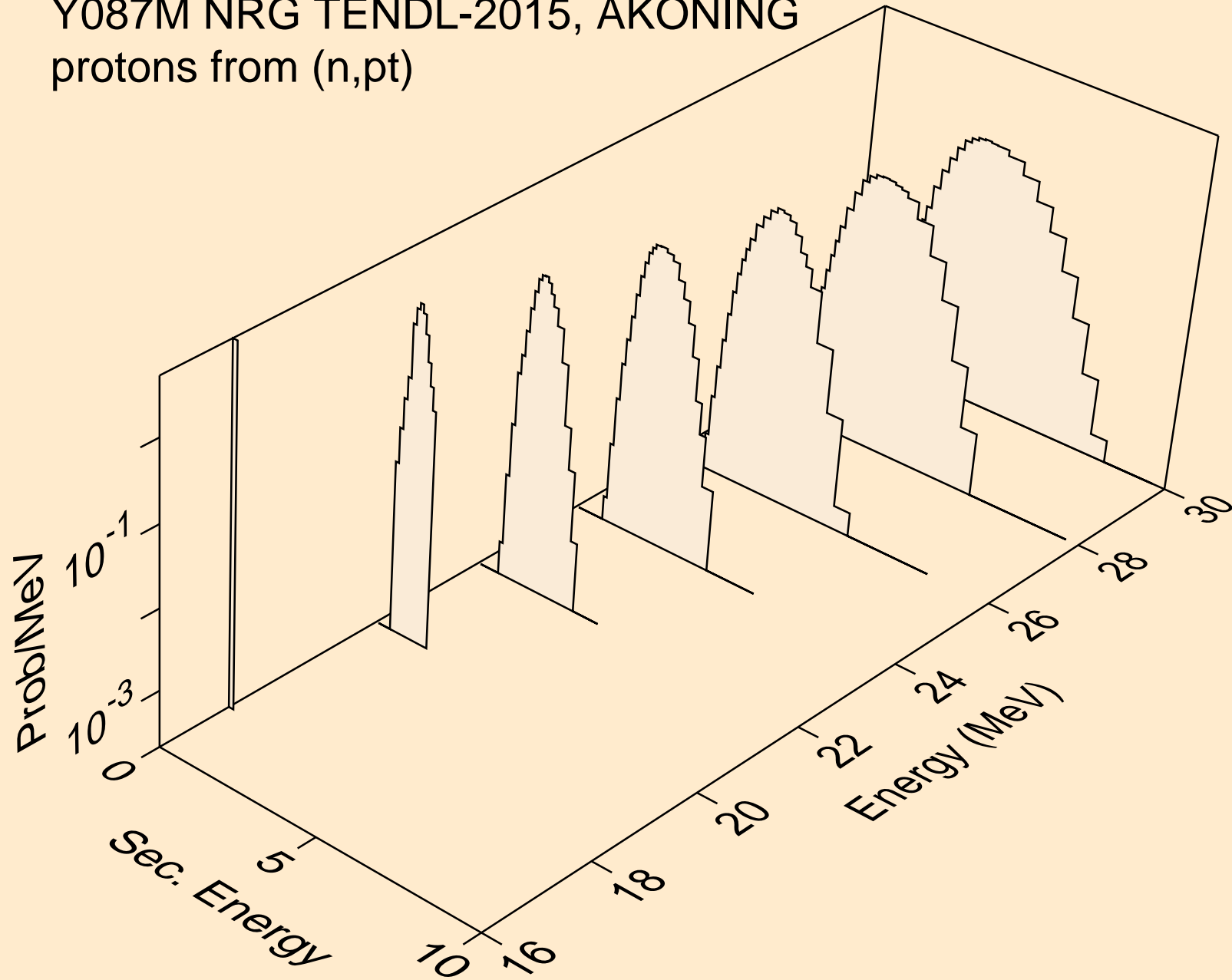
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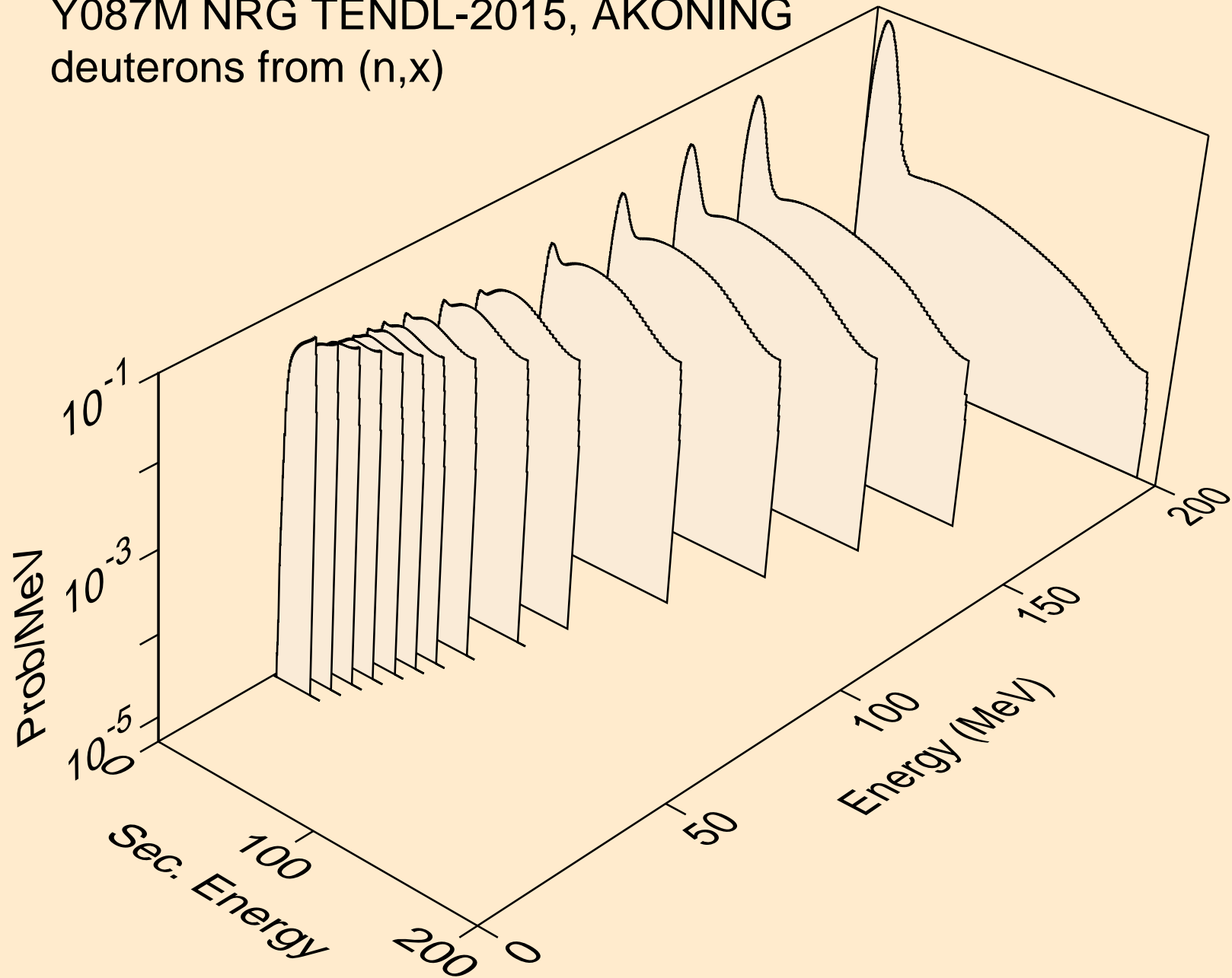
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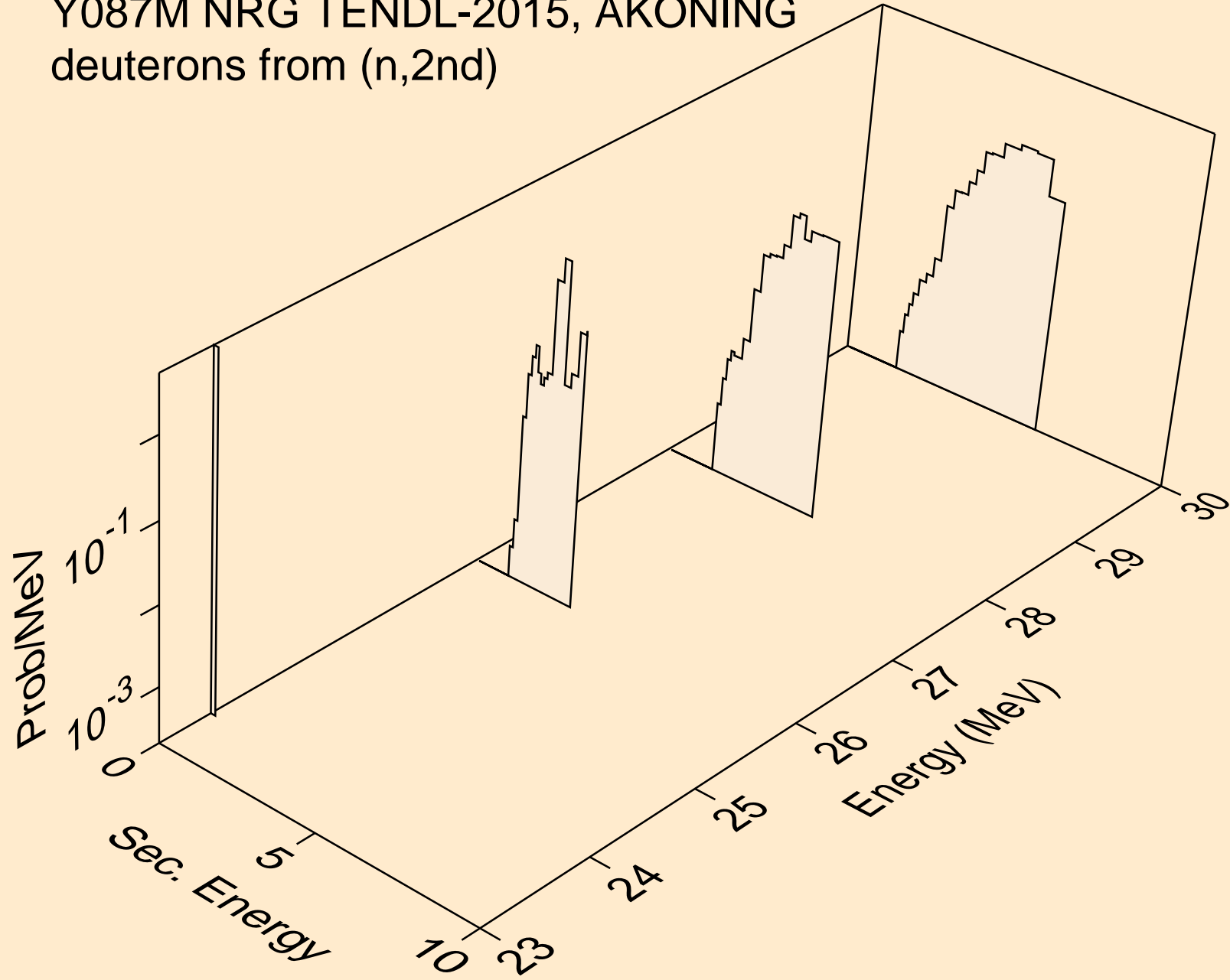
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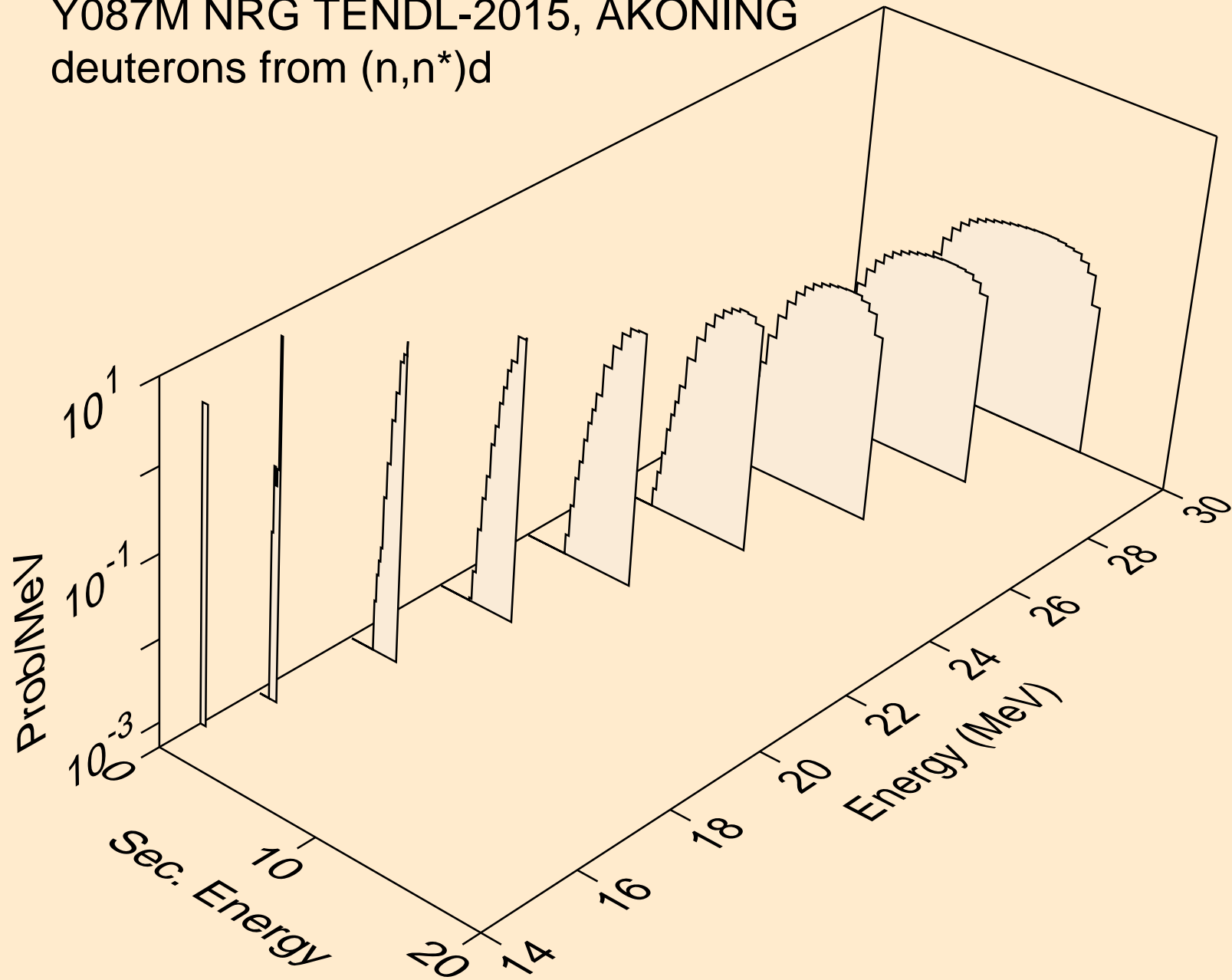
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deuterons from (n,x)



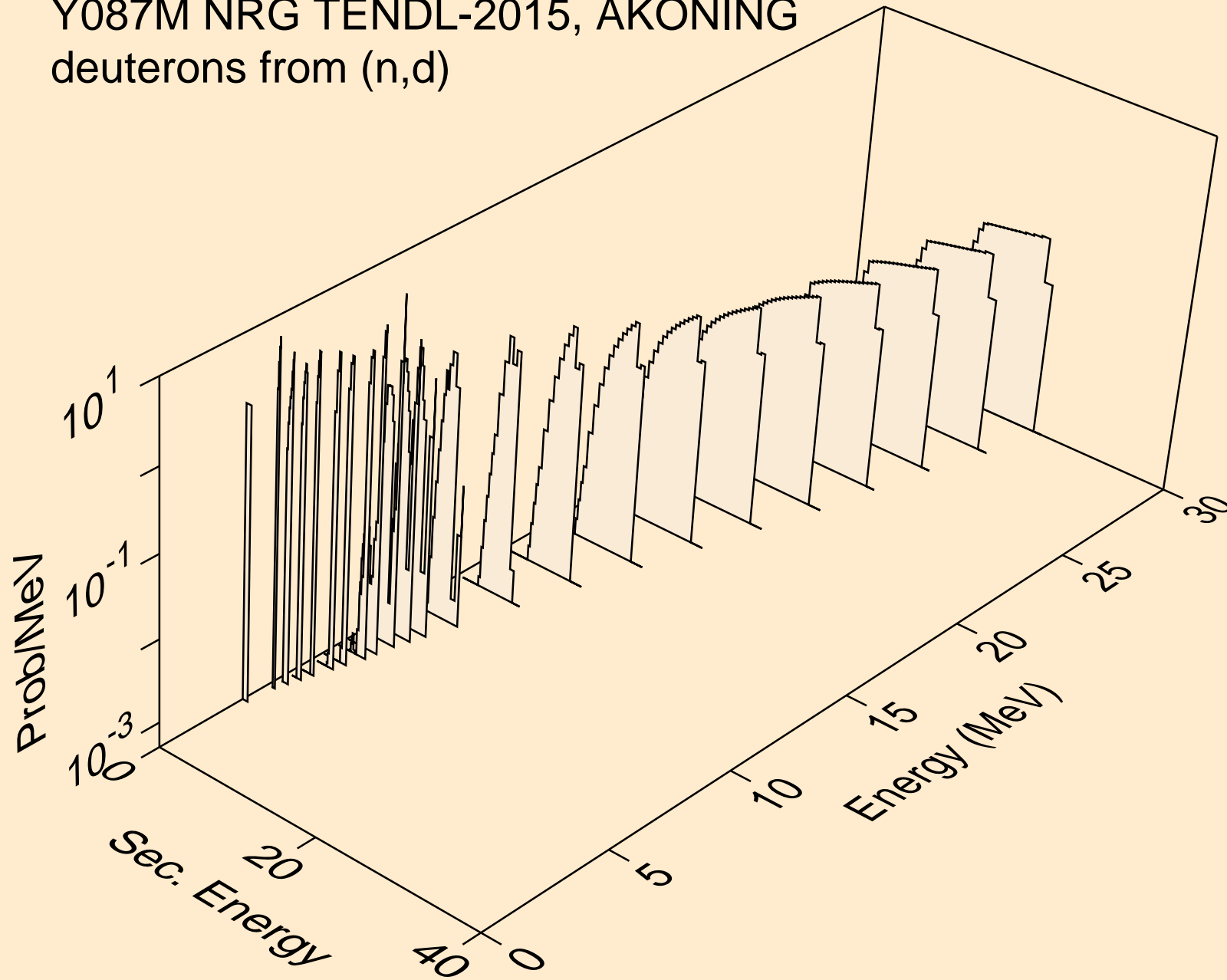
Y087M NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



Y087M NRG TENDL-2015, AKONING  
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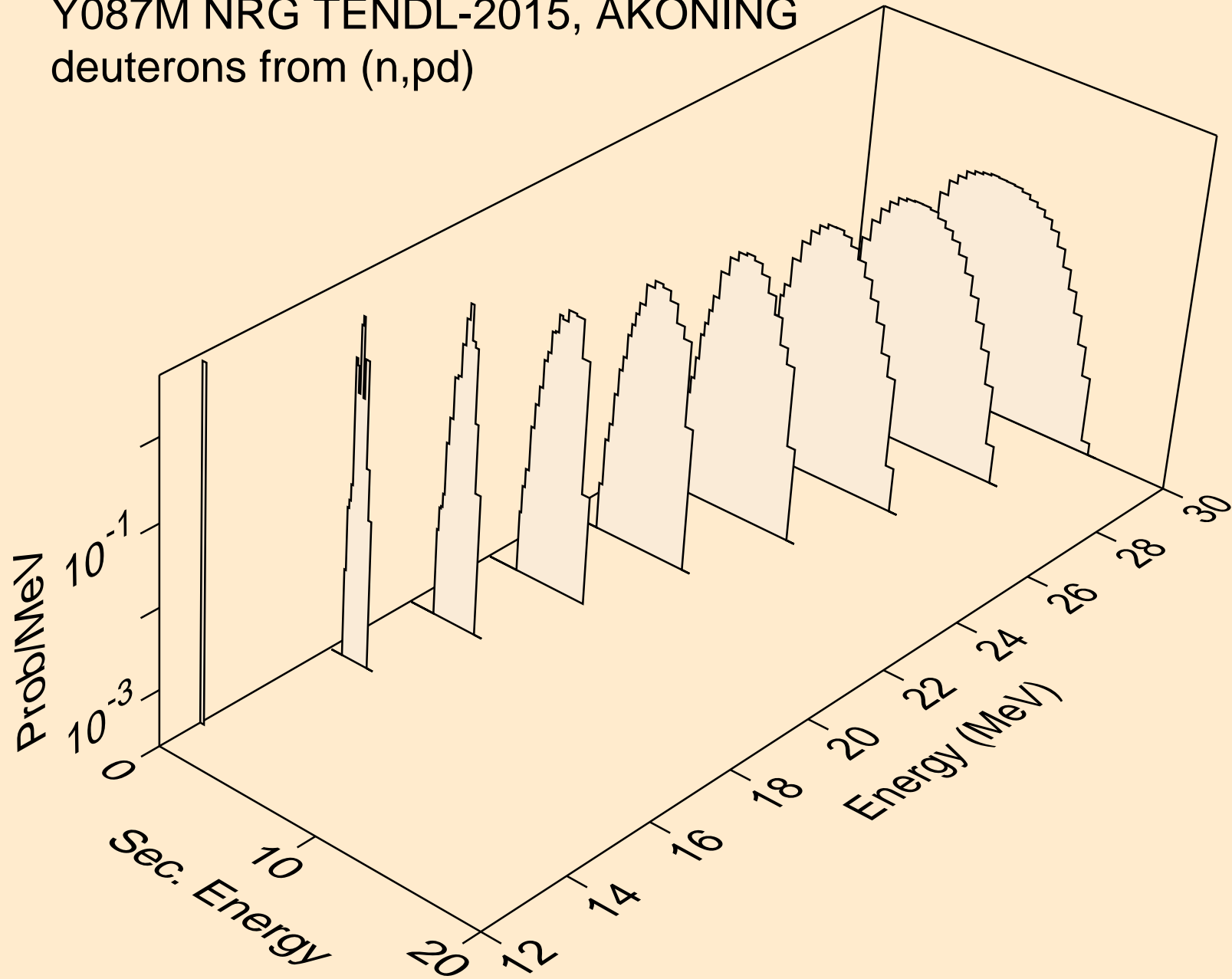


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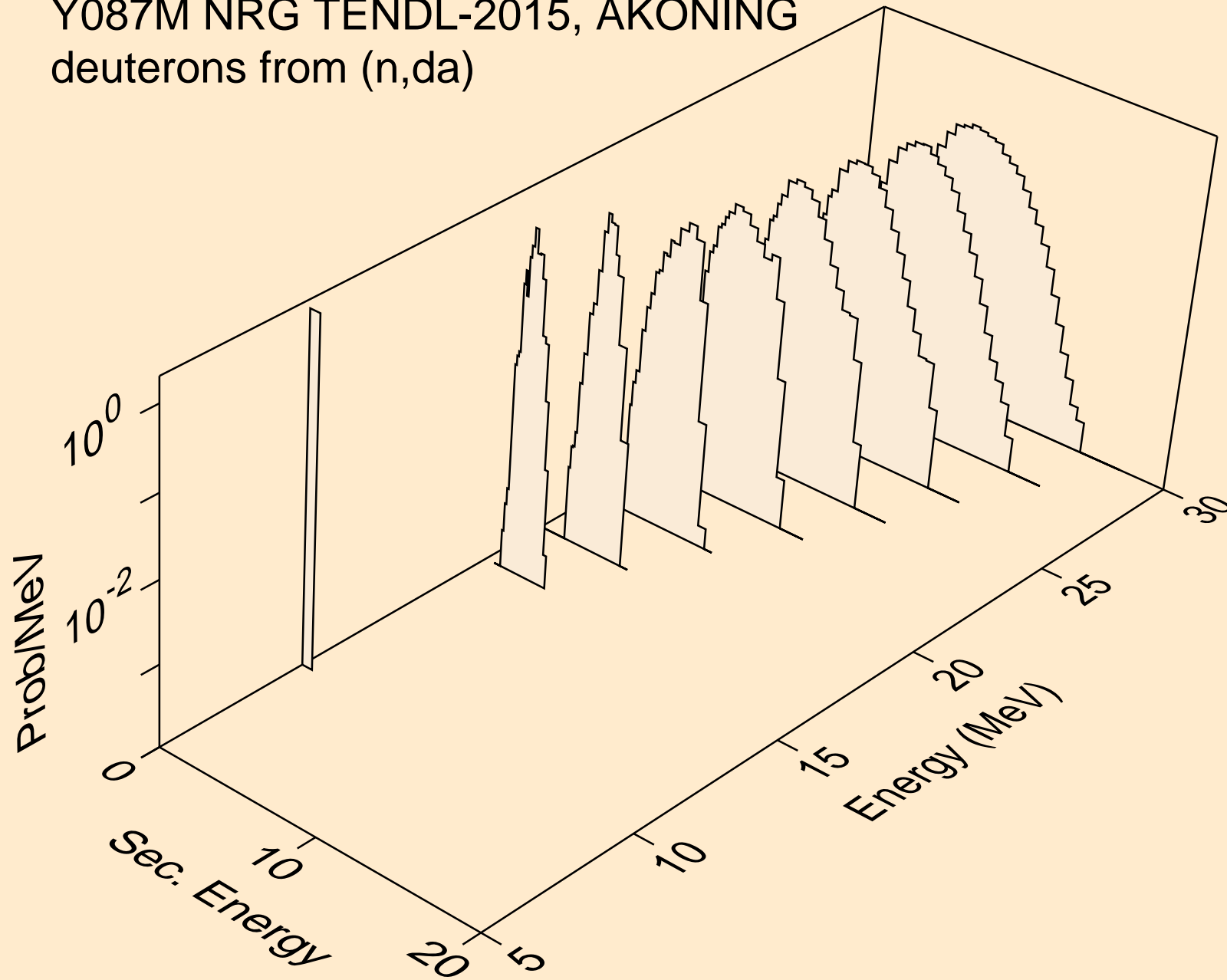




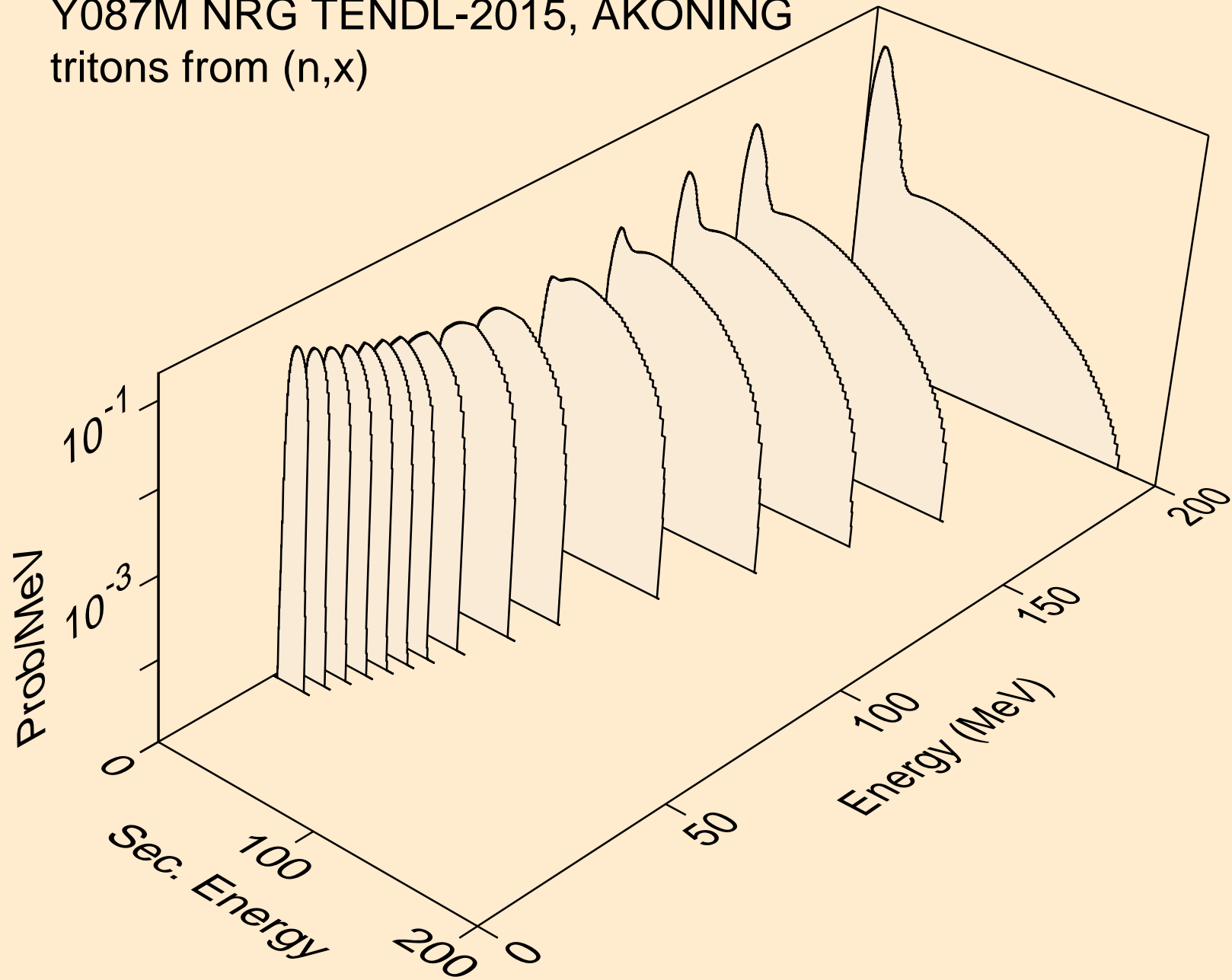
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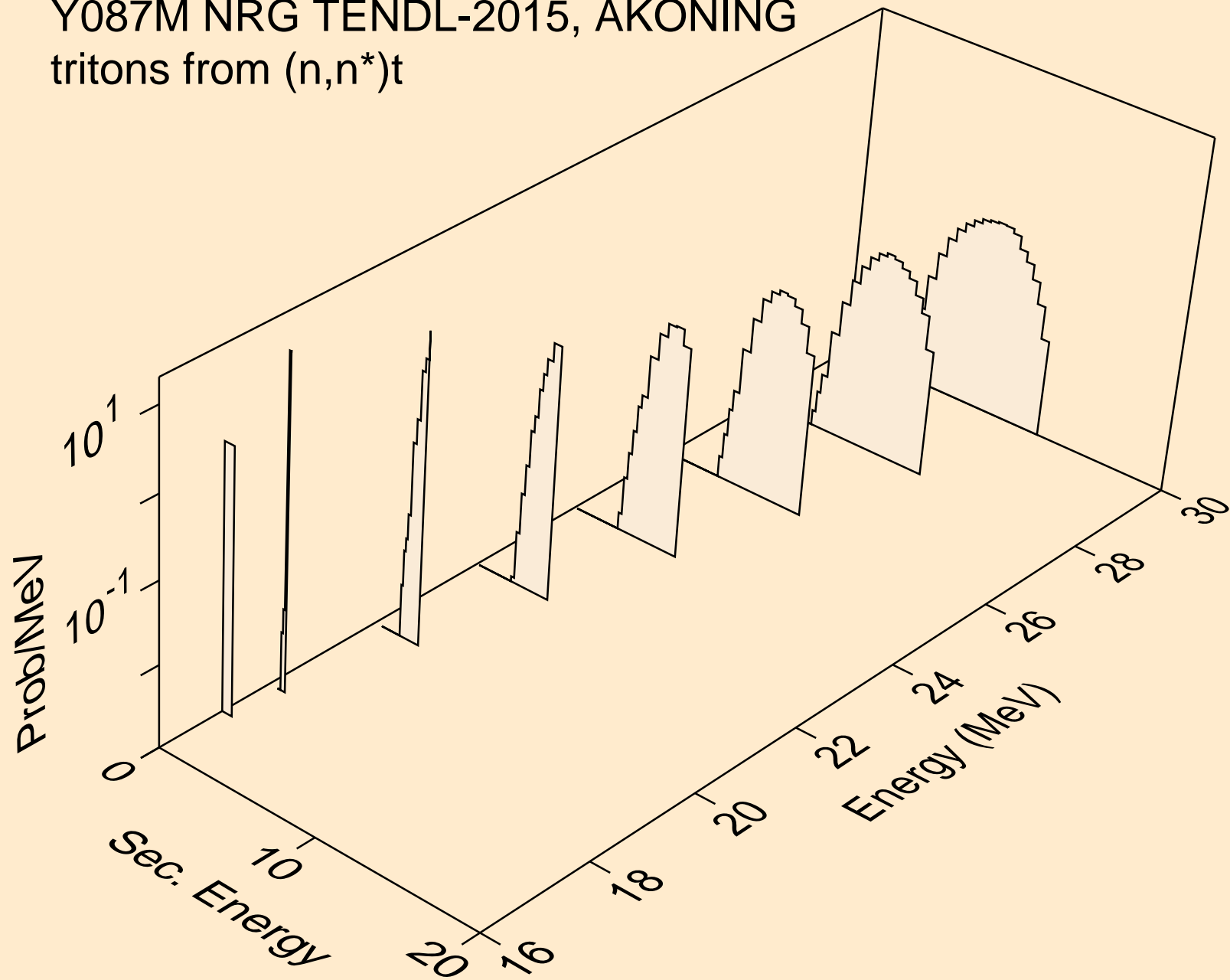
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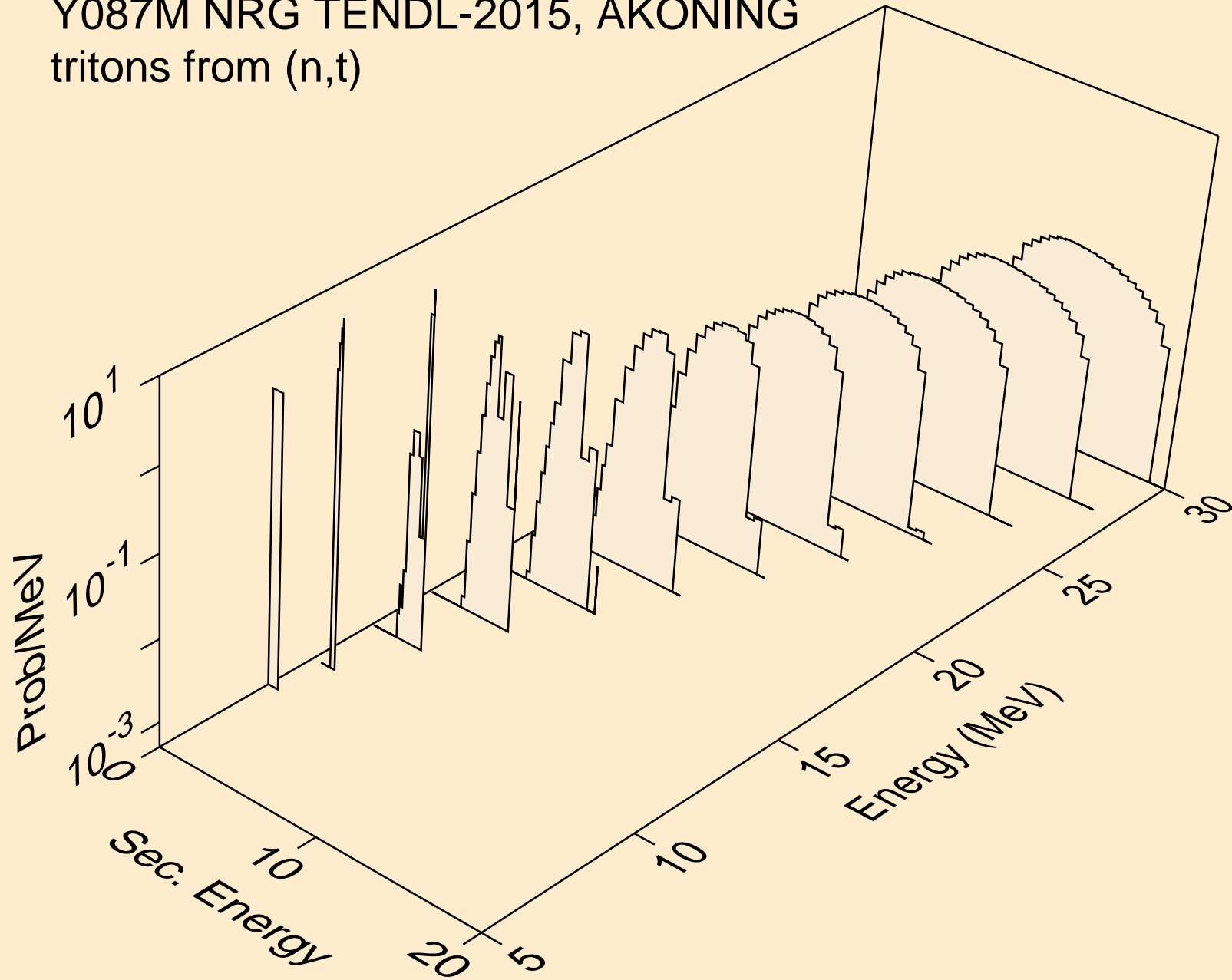
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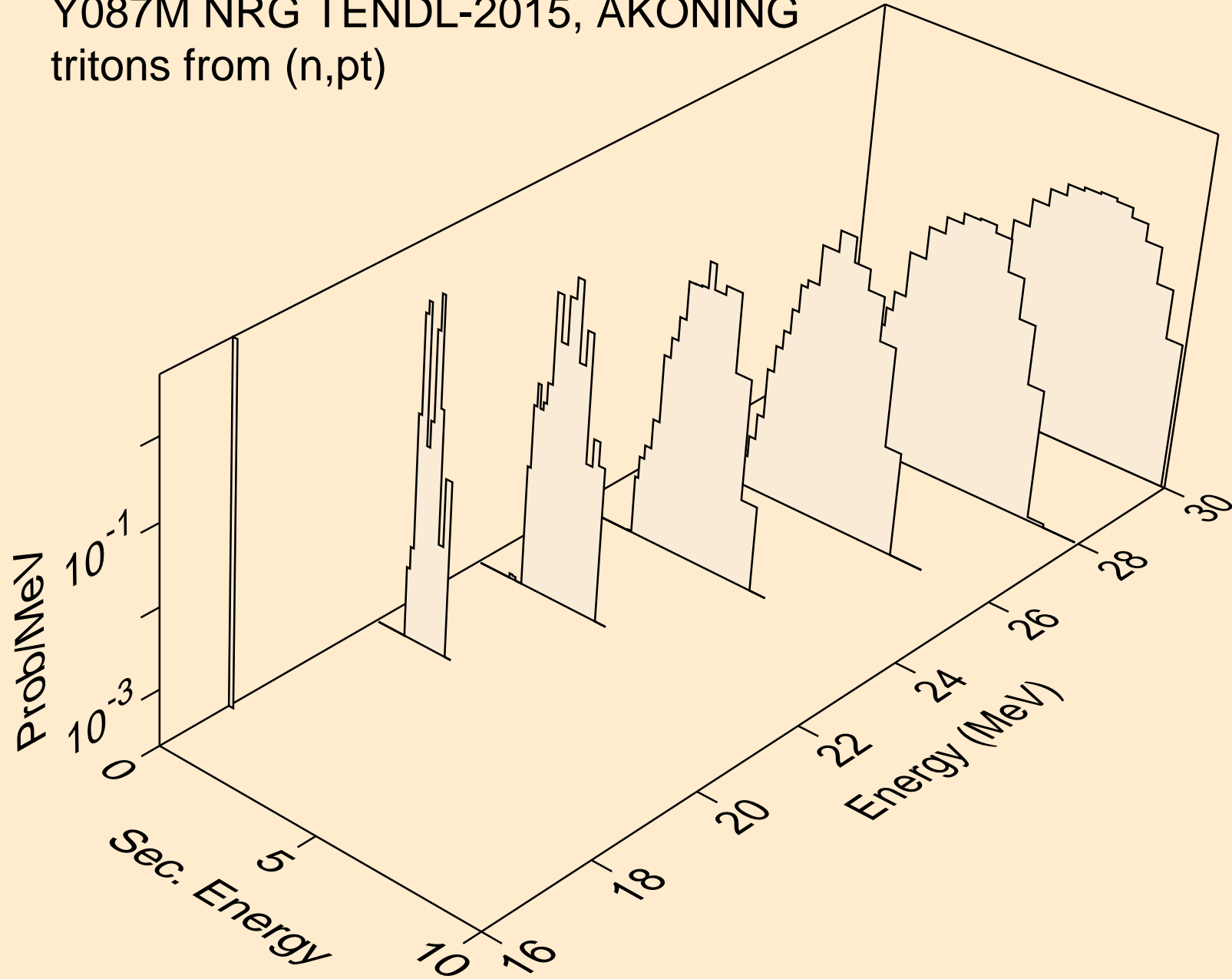
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tritons from (n,n\*)t



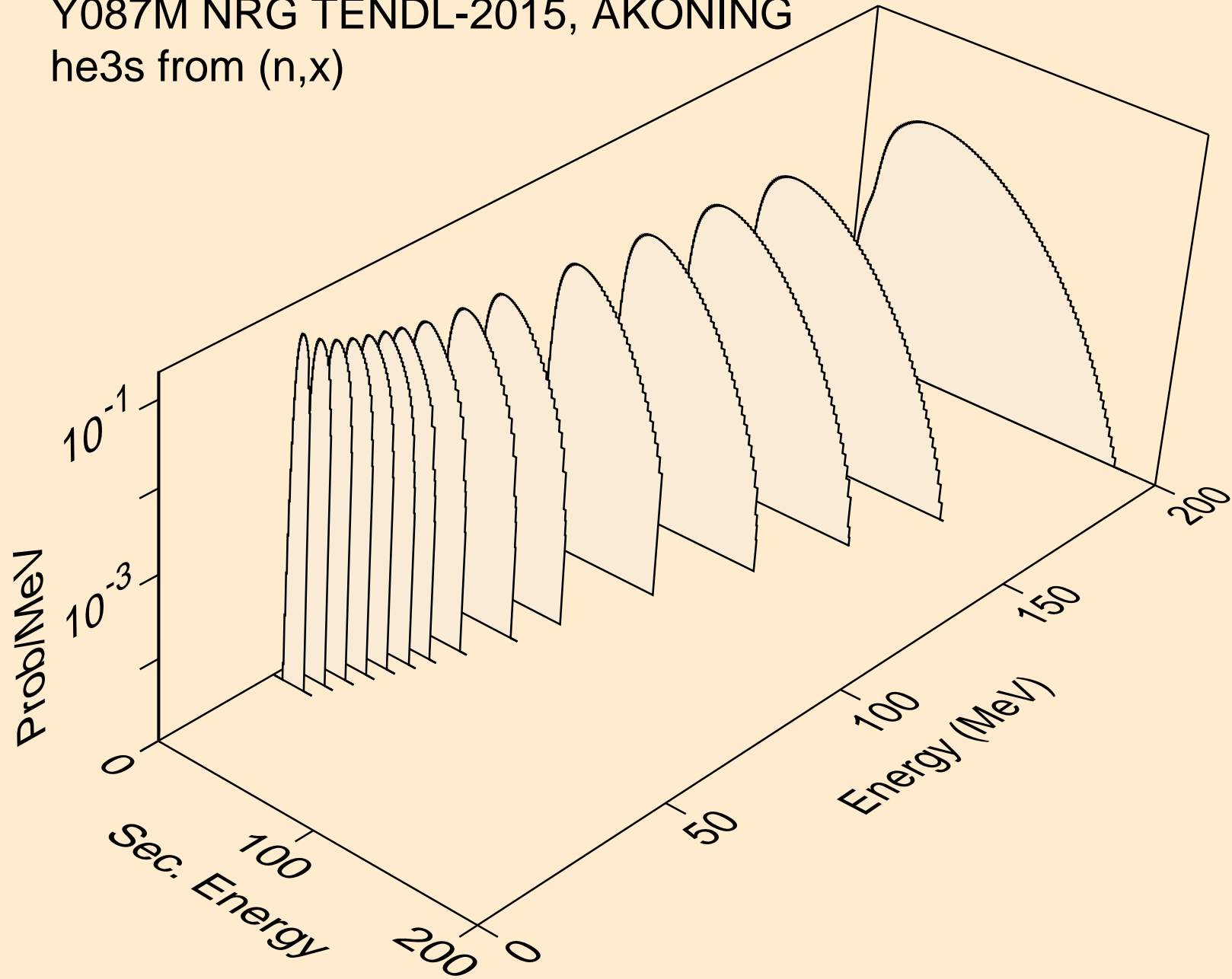
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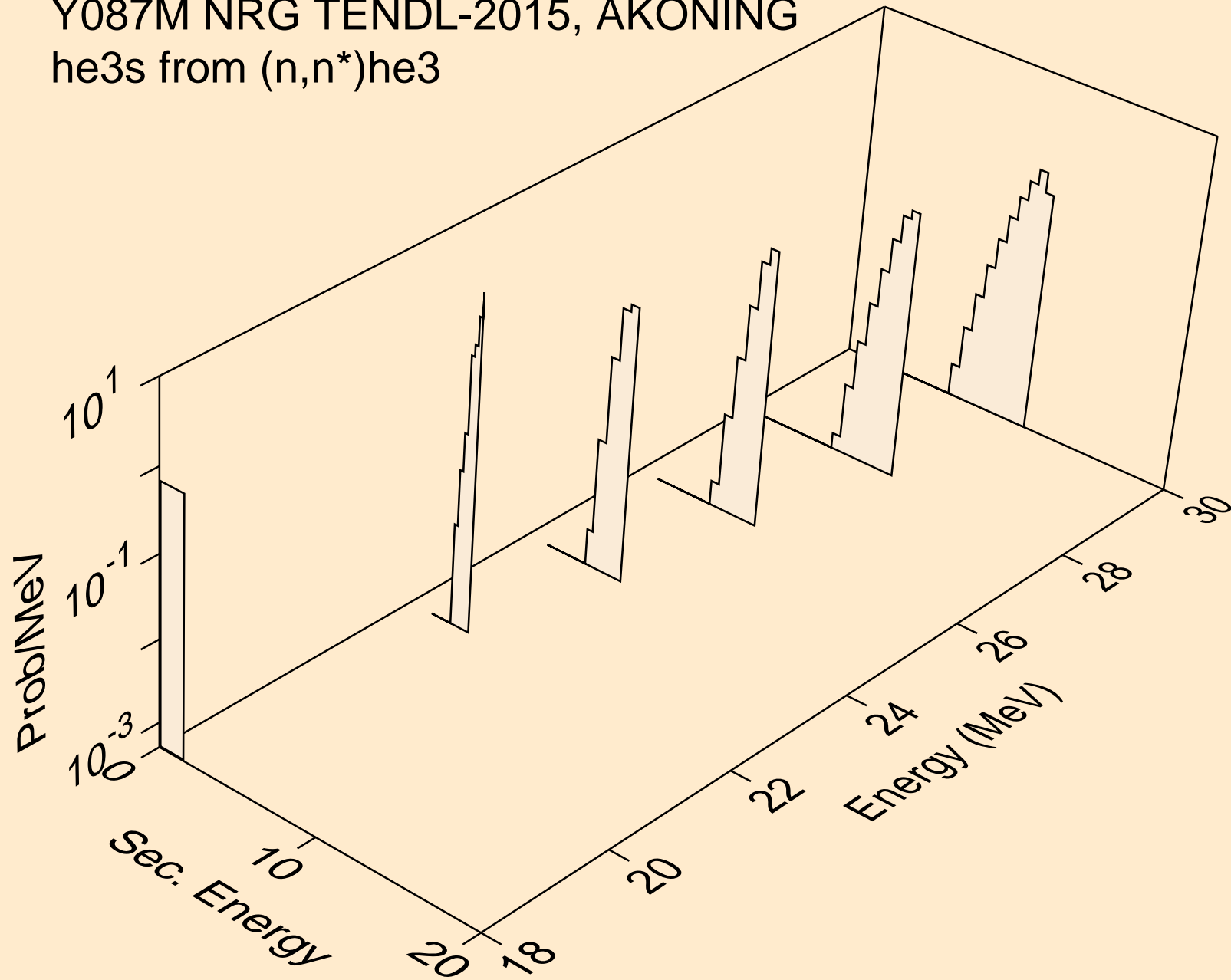
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Y087M NRG TENDL-2015, AKONING  
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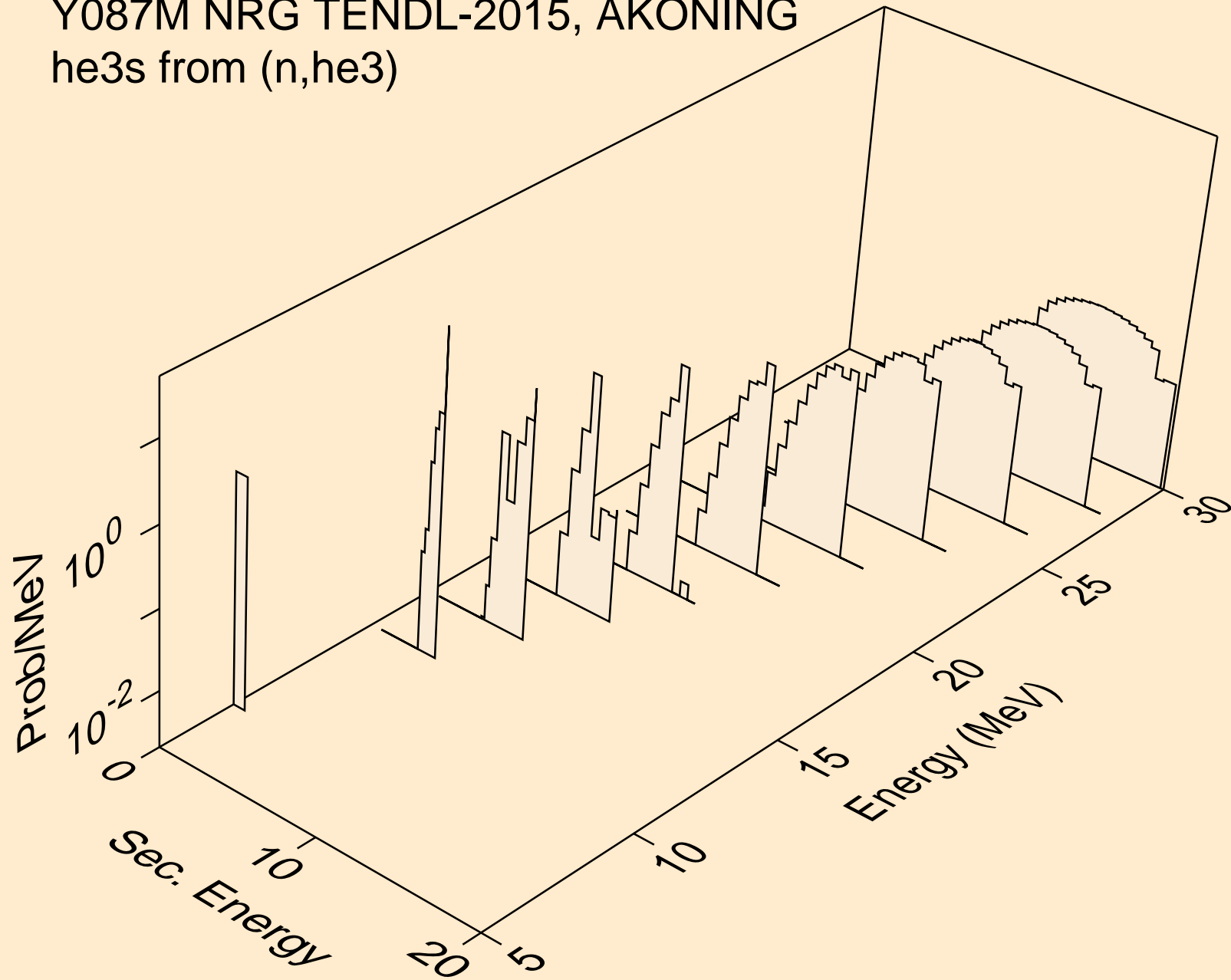


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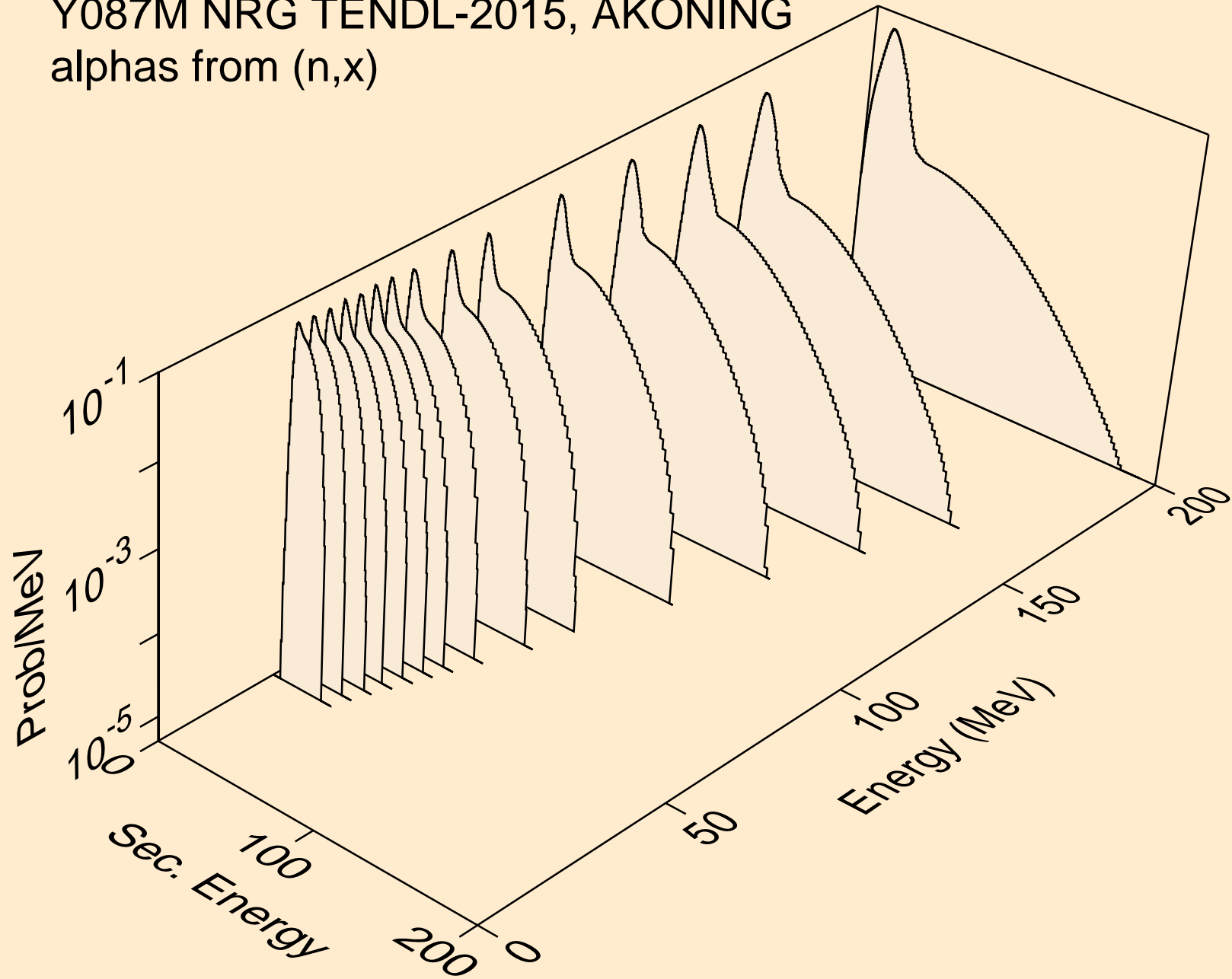




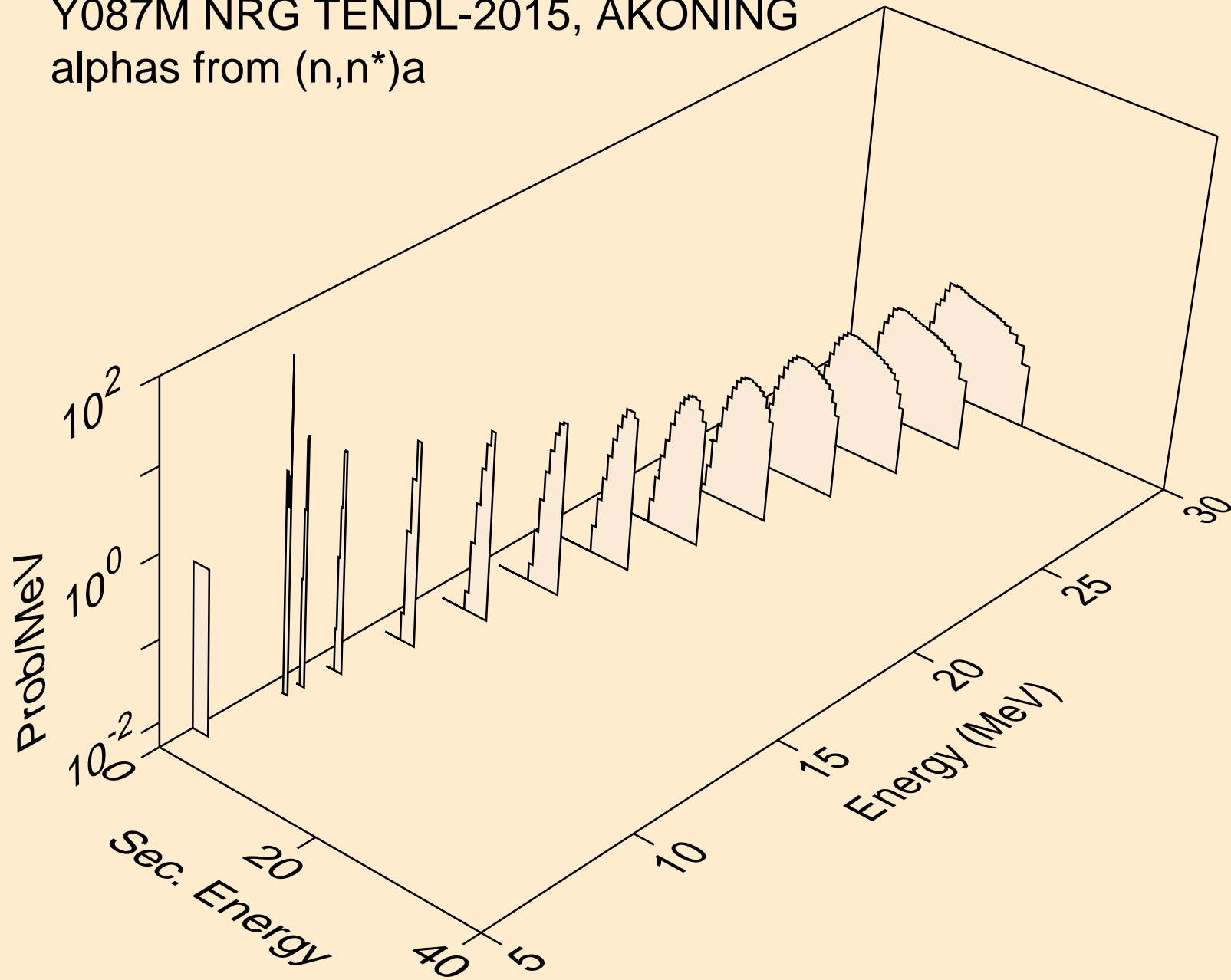
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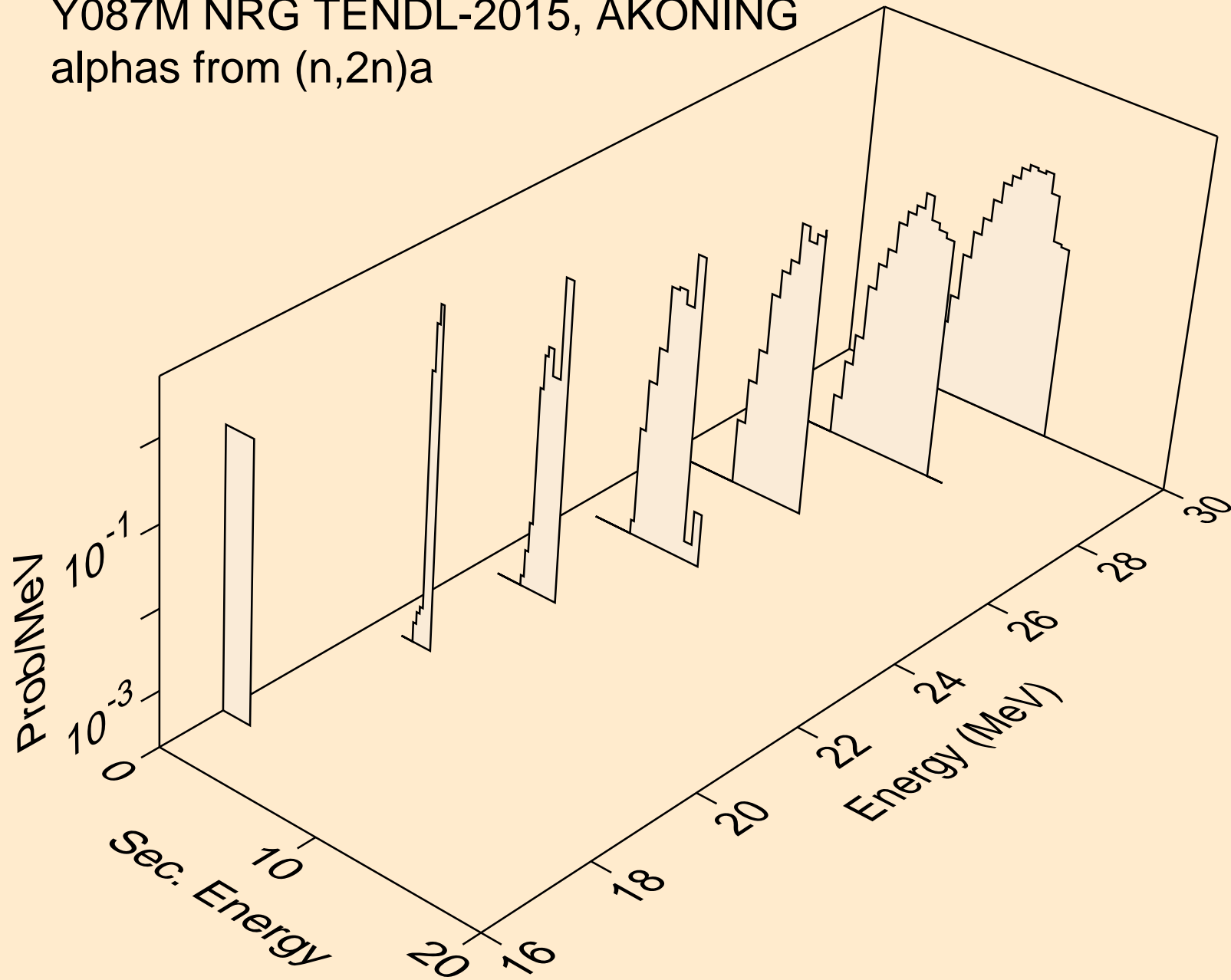
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alphas from (n,x)



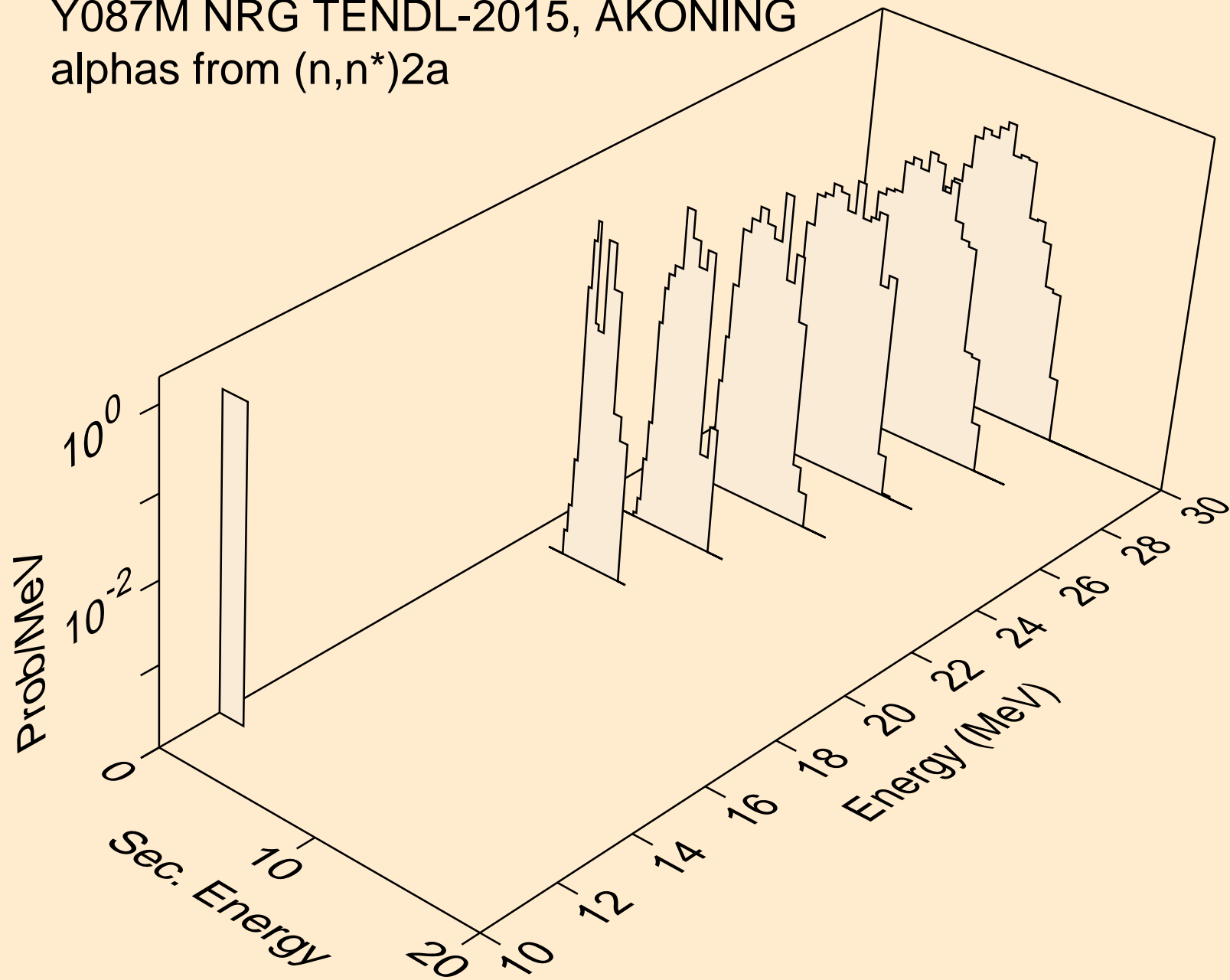
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alphas from (n,n\*)a



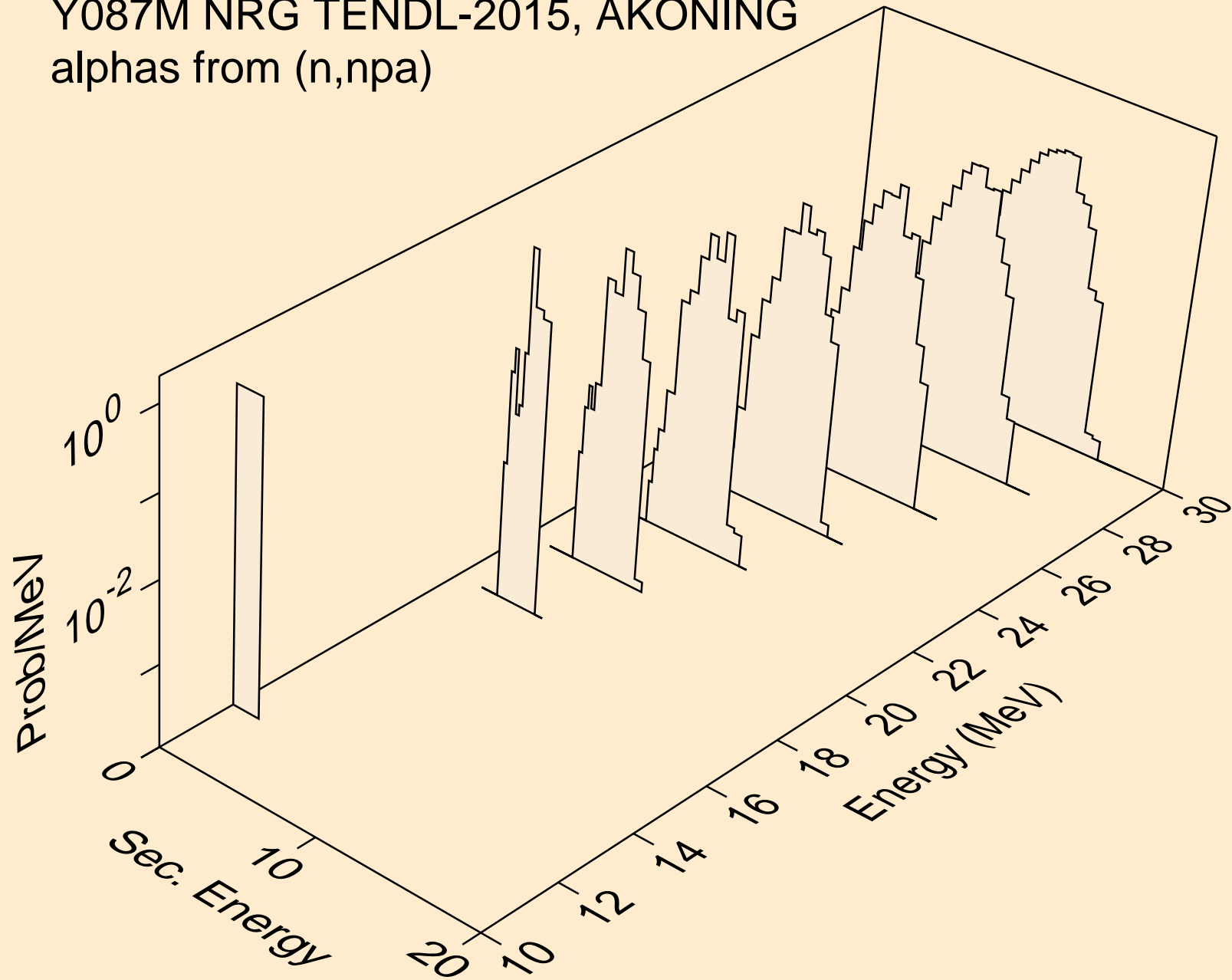
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alphas from (n,2n)a



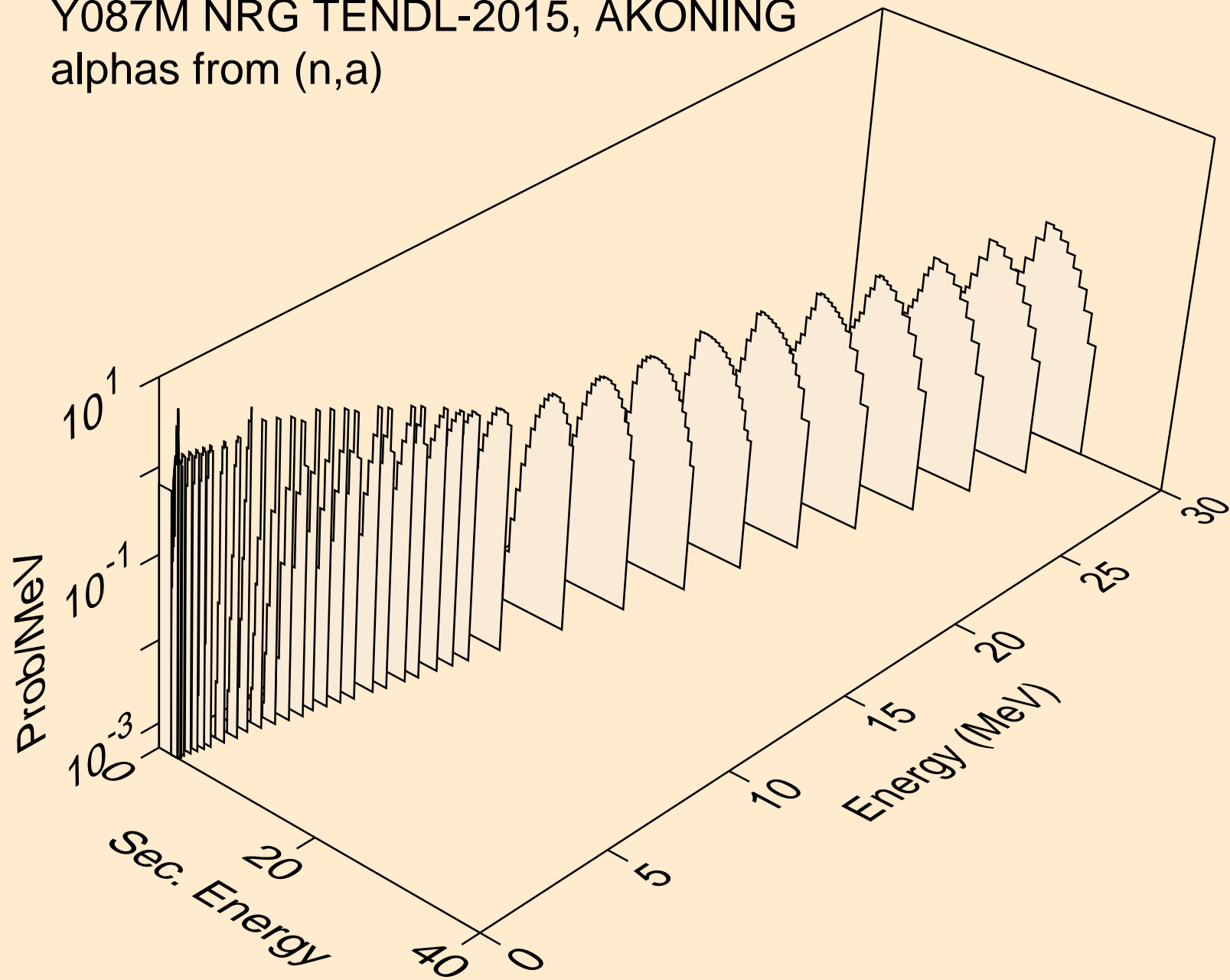
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alphas from (n,n\*)2a



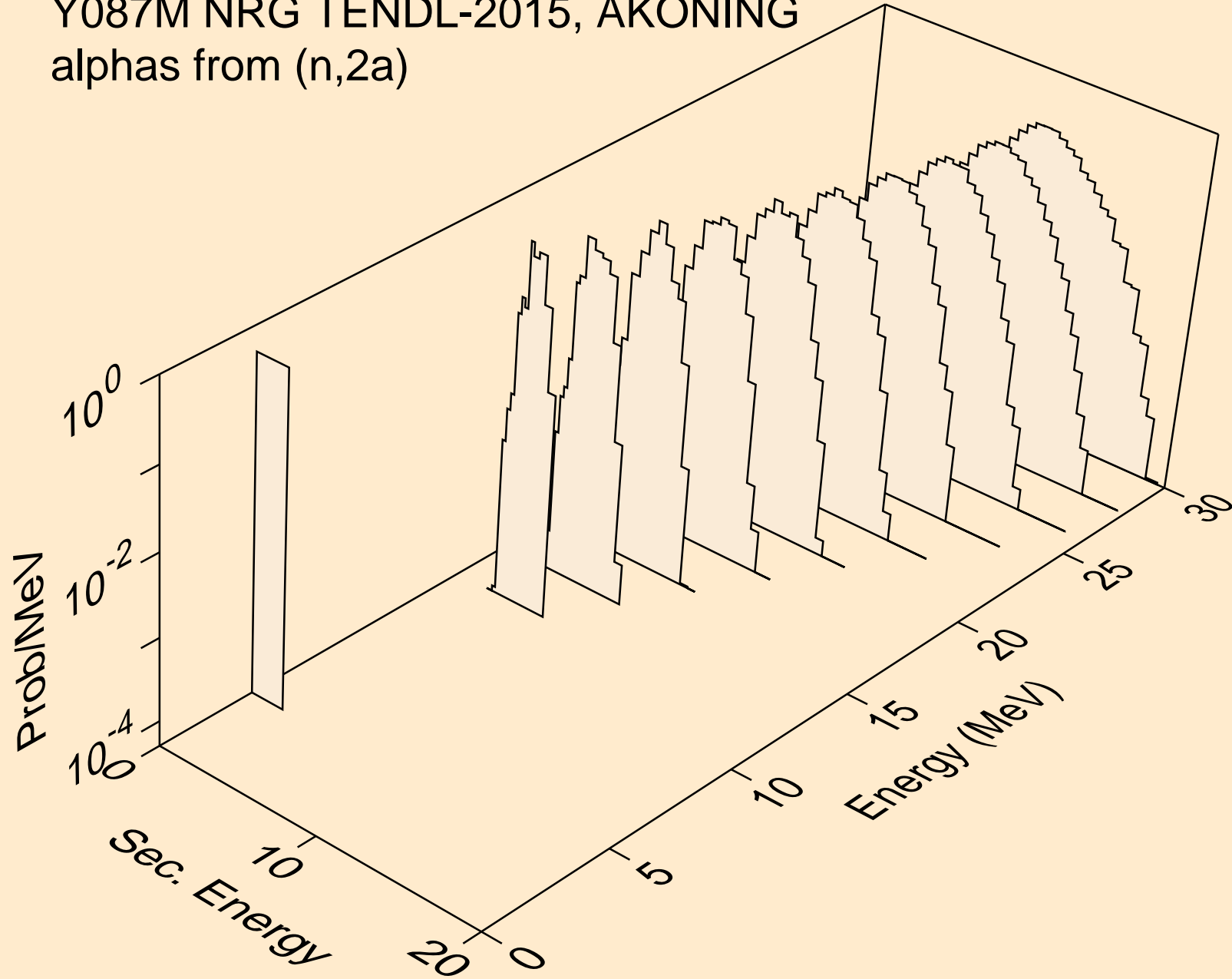
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alphas from (n,npa)



Y087M NRG TENDL-2015, AKONING  
alphas from (n,a)

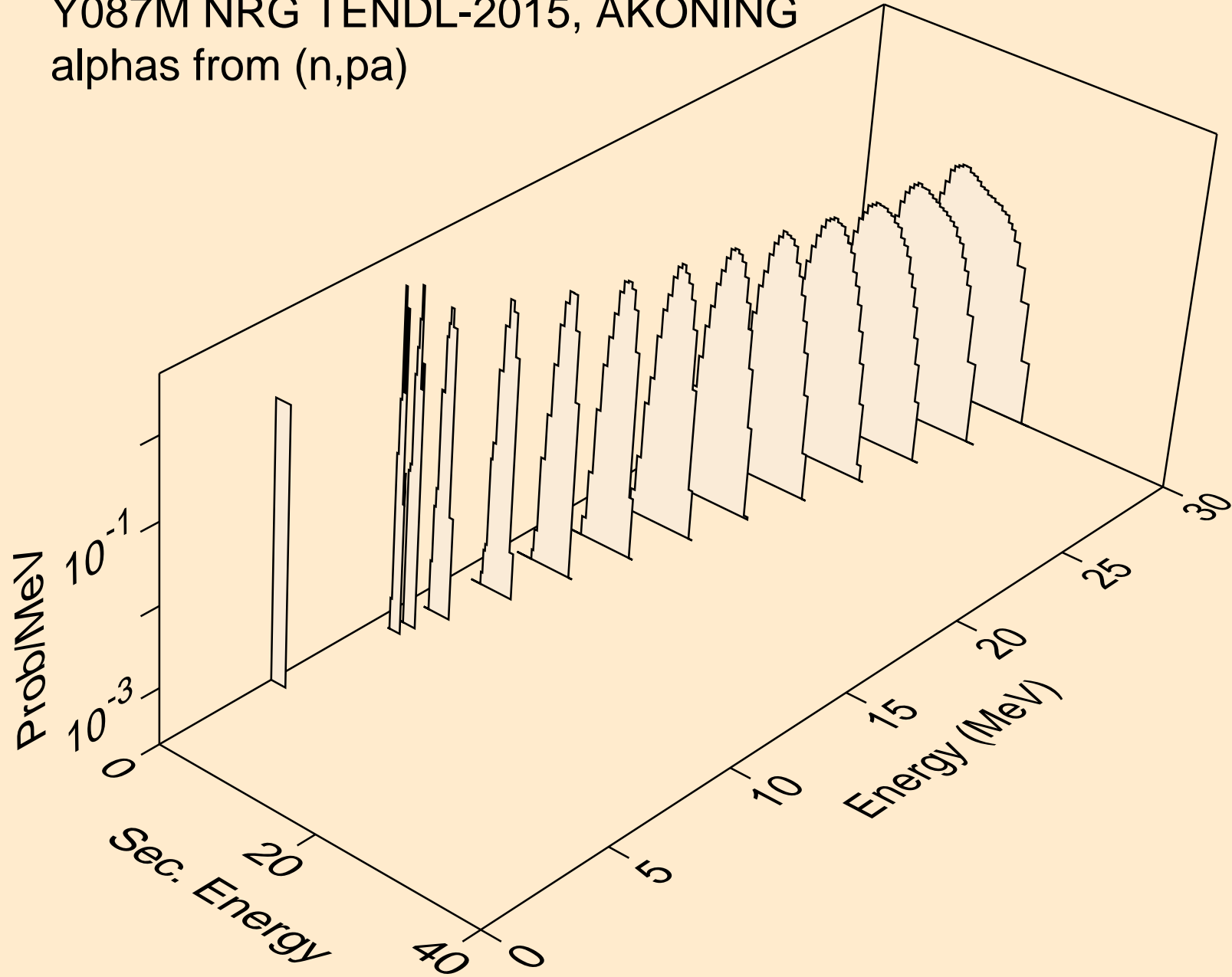


Y087M NRG TENDL-2015, AKONING  
alphas from (n,2a)





Y087M NRG TENDL-2015, AKONING  
alphas from (n,pa)



Y087M NRG TENDL-2015, AKONING  
alphas from (n,da)

