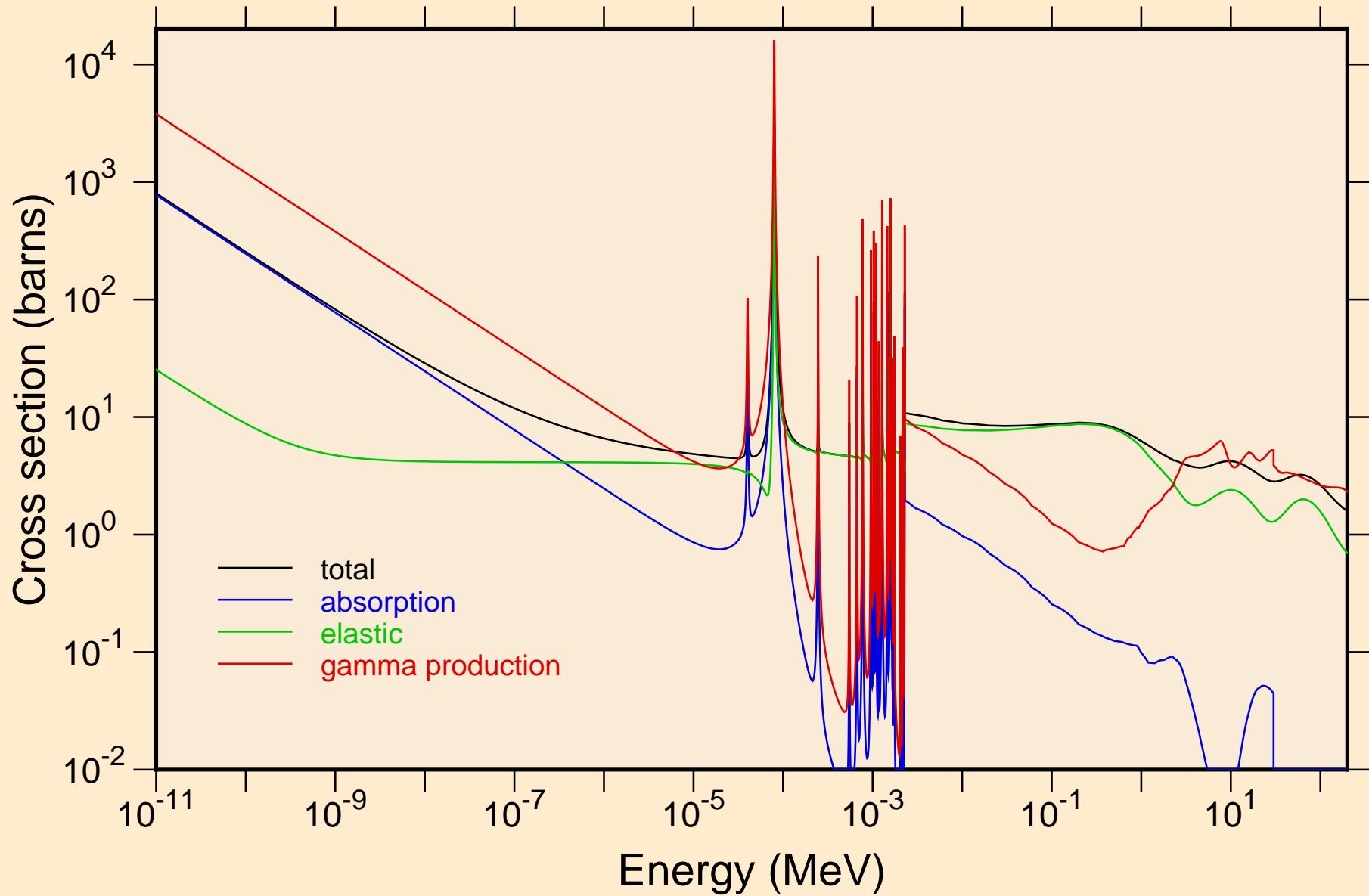
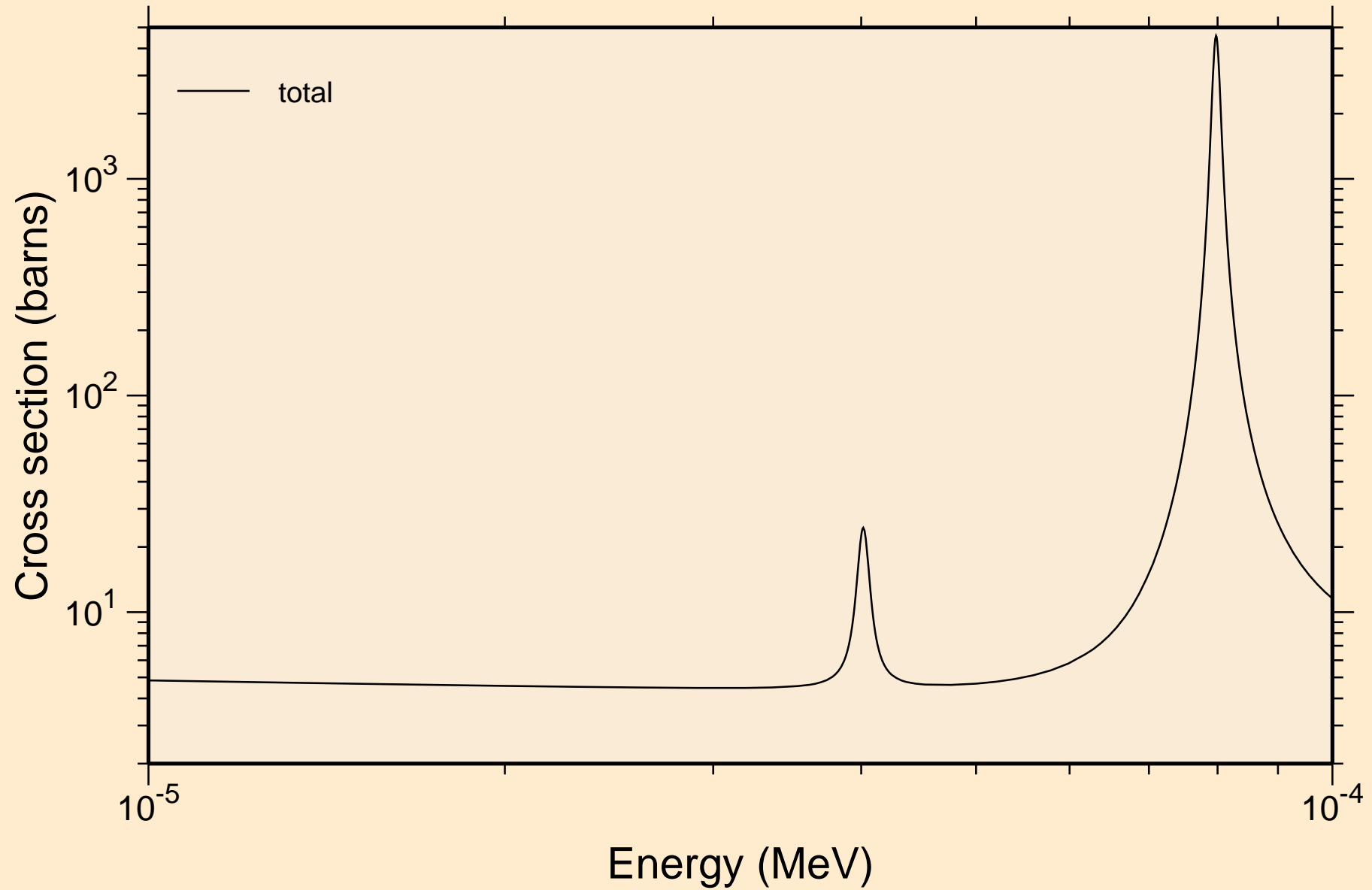


# Y091M NRG TENDL-2015, AKONING

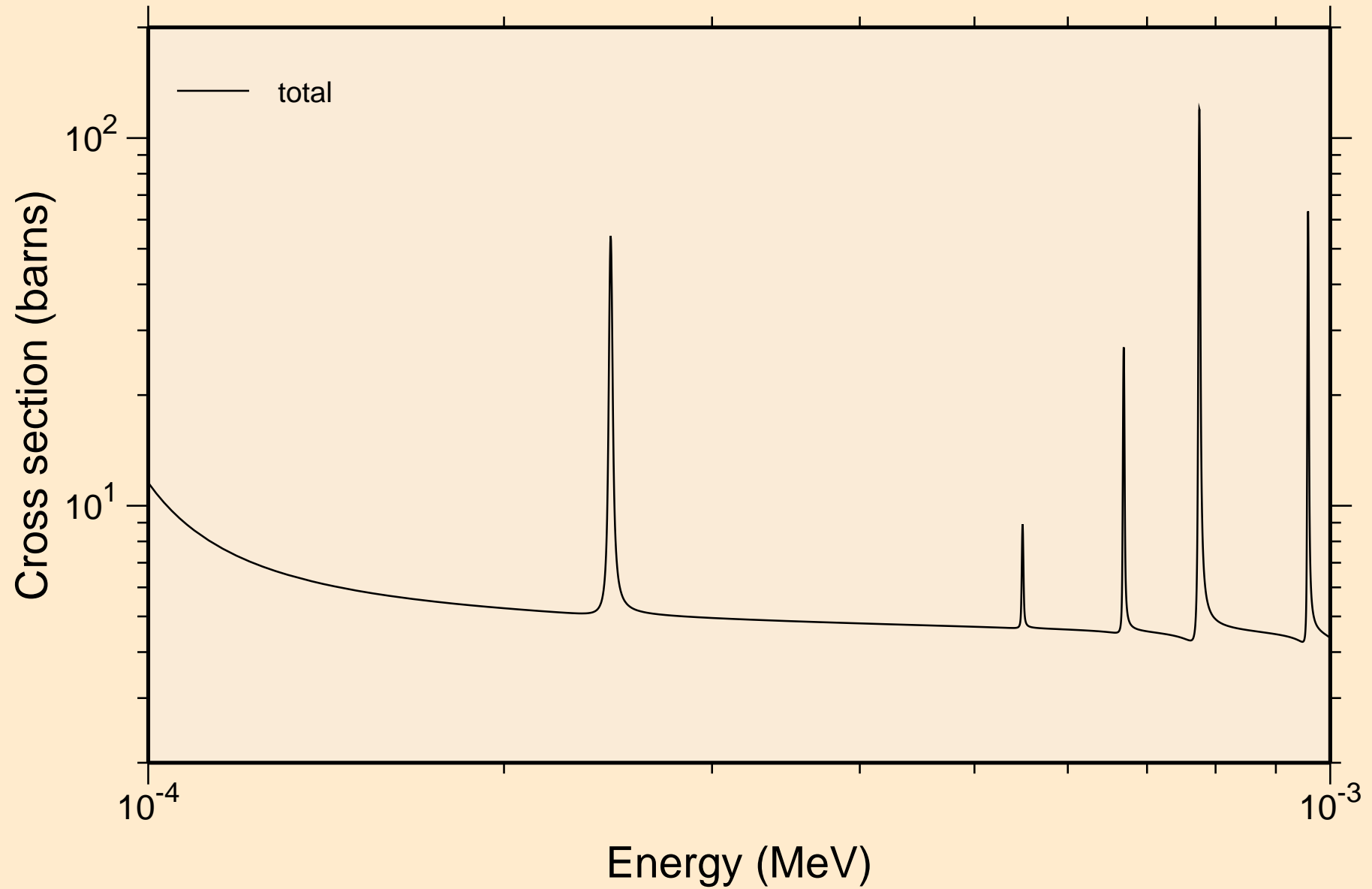
## Principal cross sections



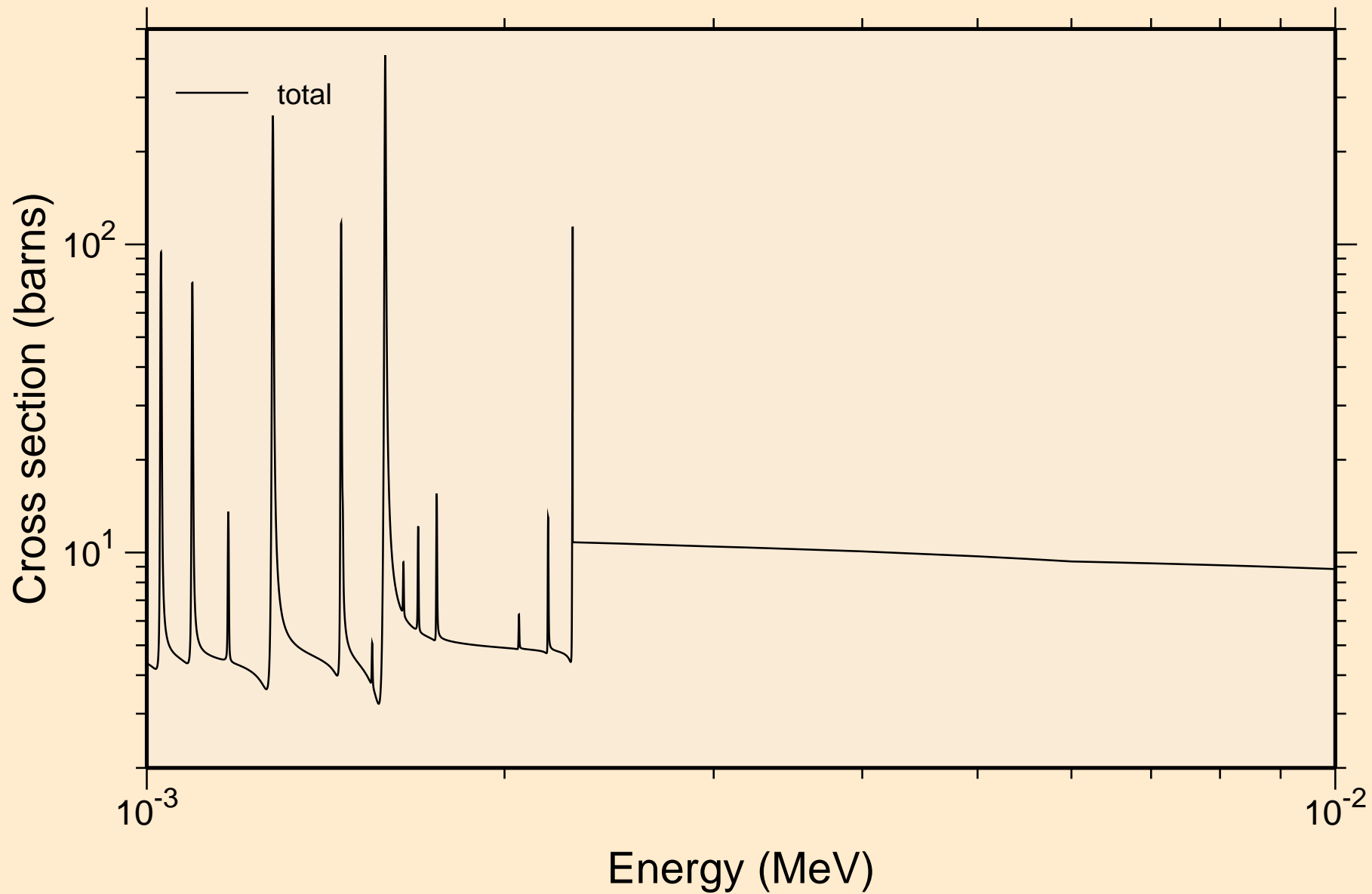
Y091M NRG TENDL-2015, AKONING  
resonance total cross section



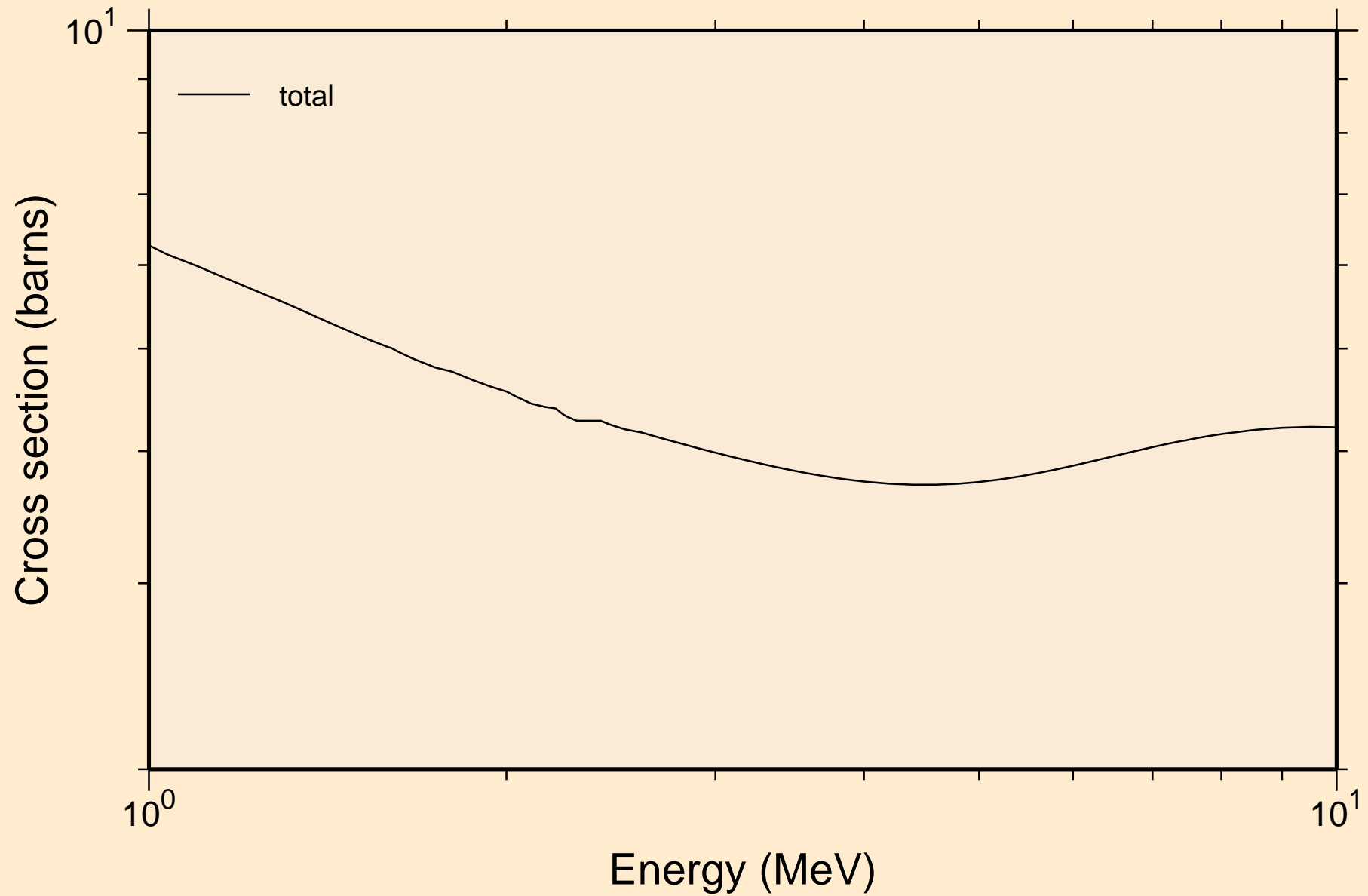
Y091M NRG TENDL-2015, AKONING  
resonance total cross section



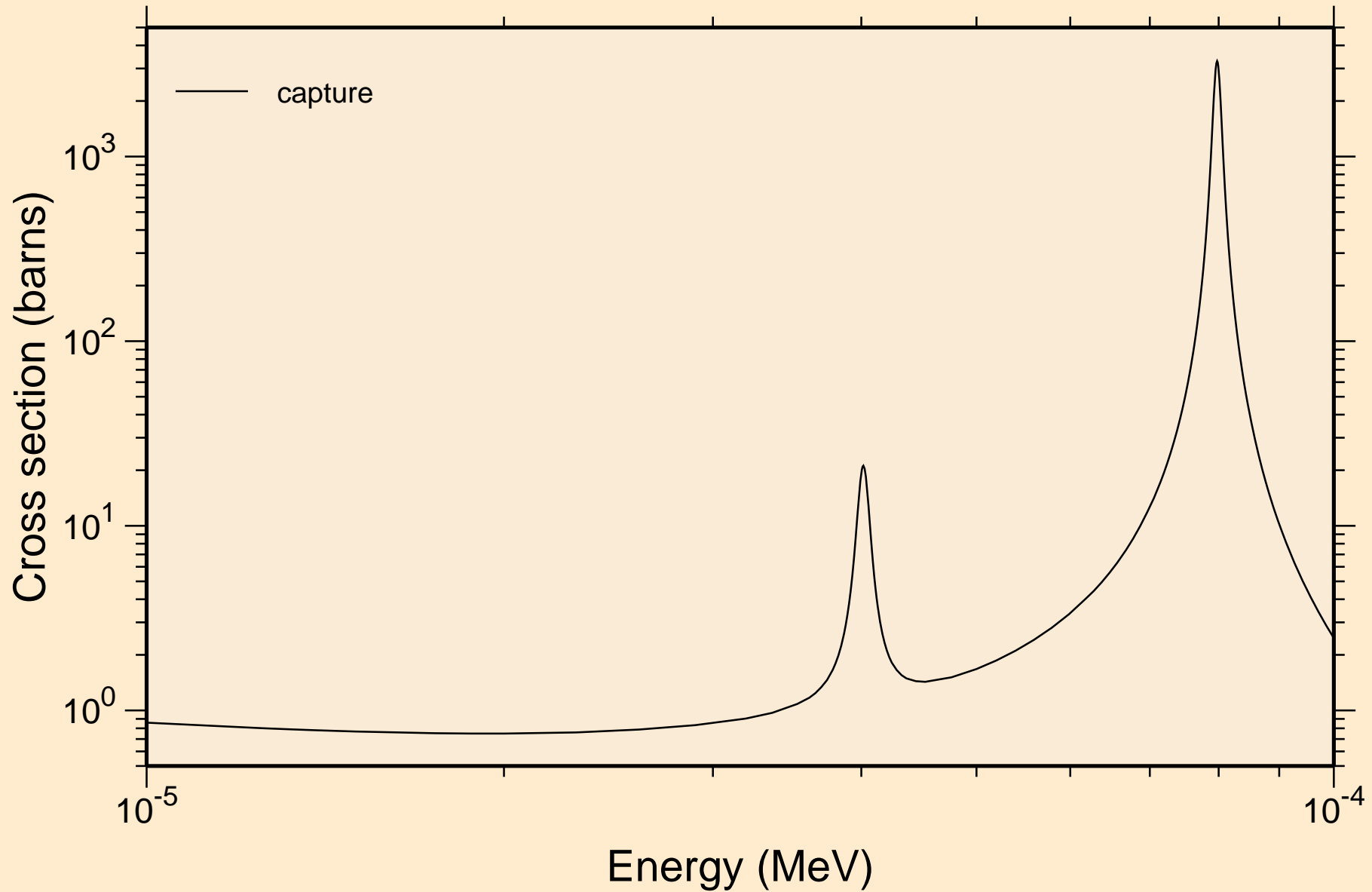
Y091M NRG TENDL-2015, AKONING  
resonance total cross section



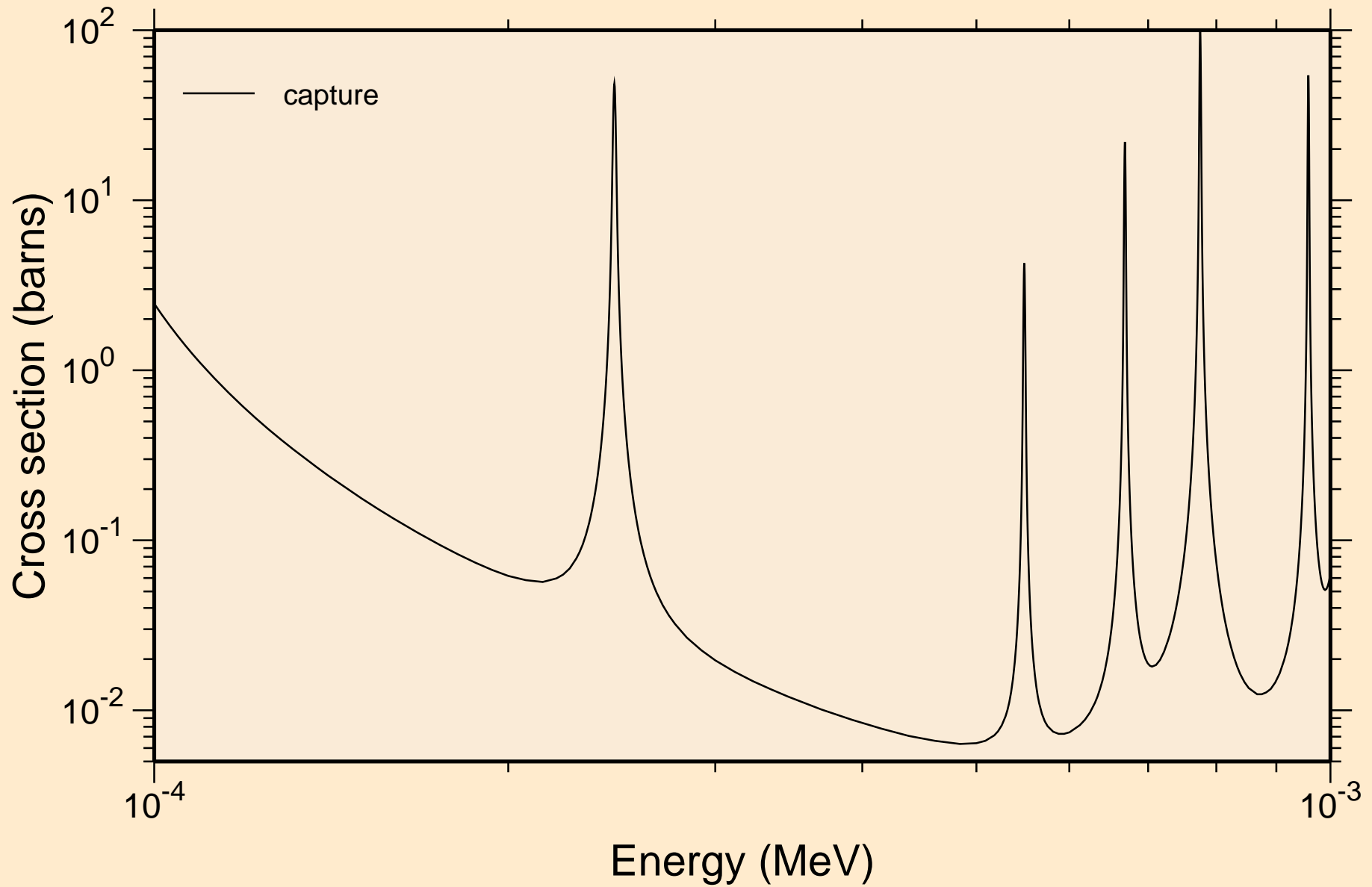
Y091M NRG TENDL-2015, AKONING  
resonance total cross section



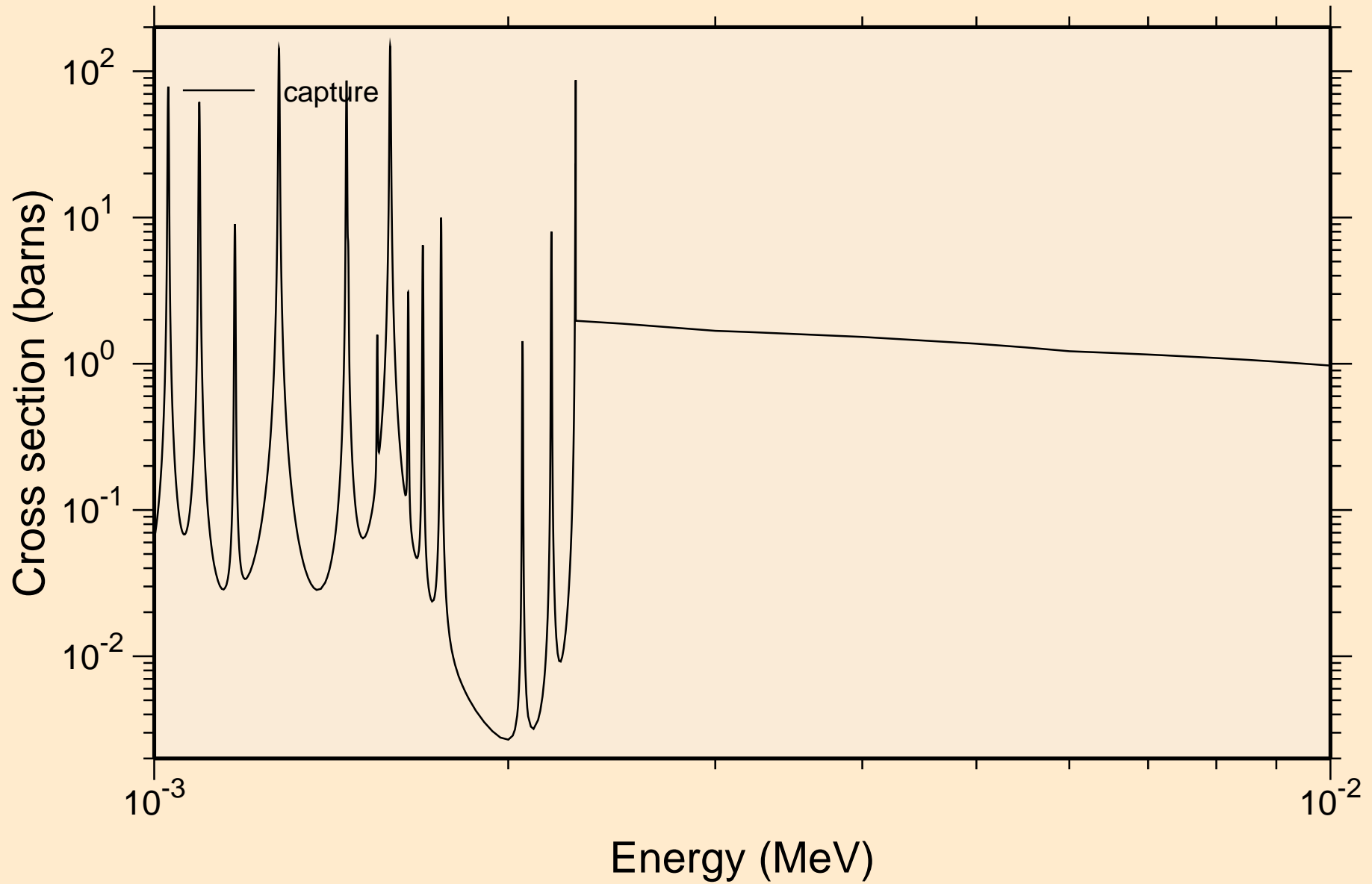
Y091M NRG TENDL-2015, AKONING  
resonance absorption cross sections



Y091M NRG TENDL-2015, AKONING  
resonance absorption cross sections

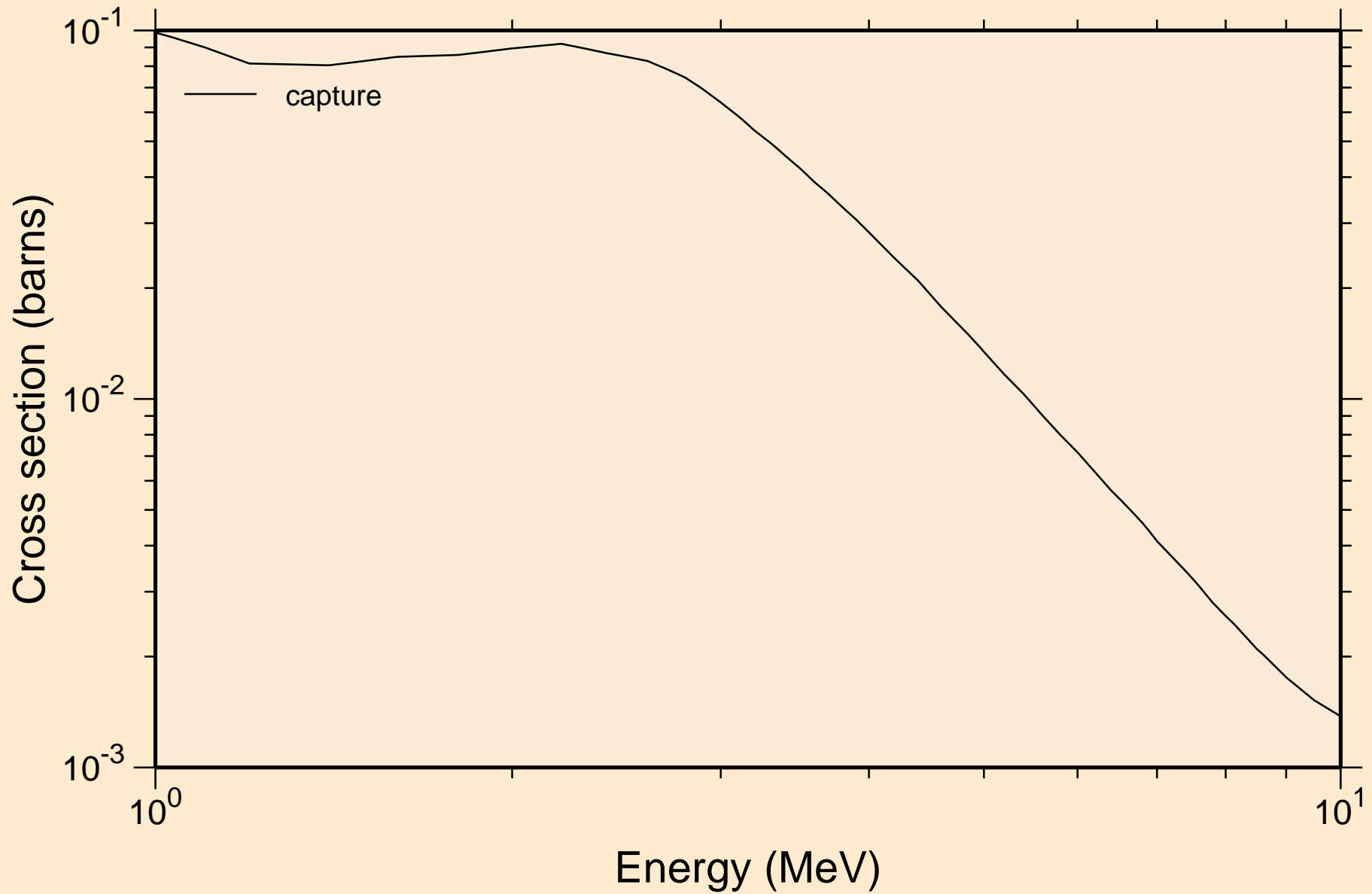


Y091M NRG TENDL-2015, AKONING  
resonance absorption cross sections

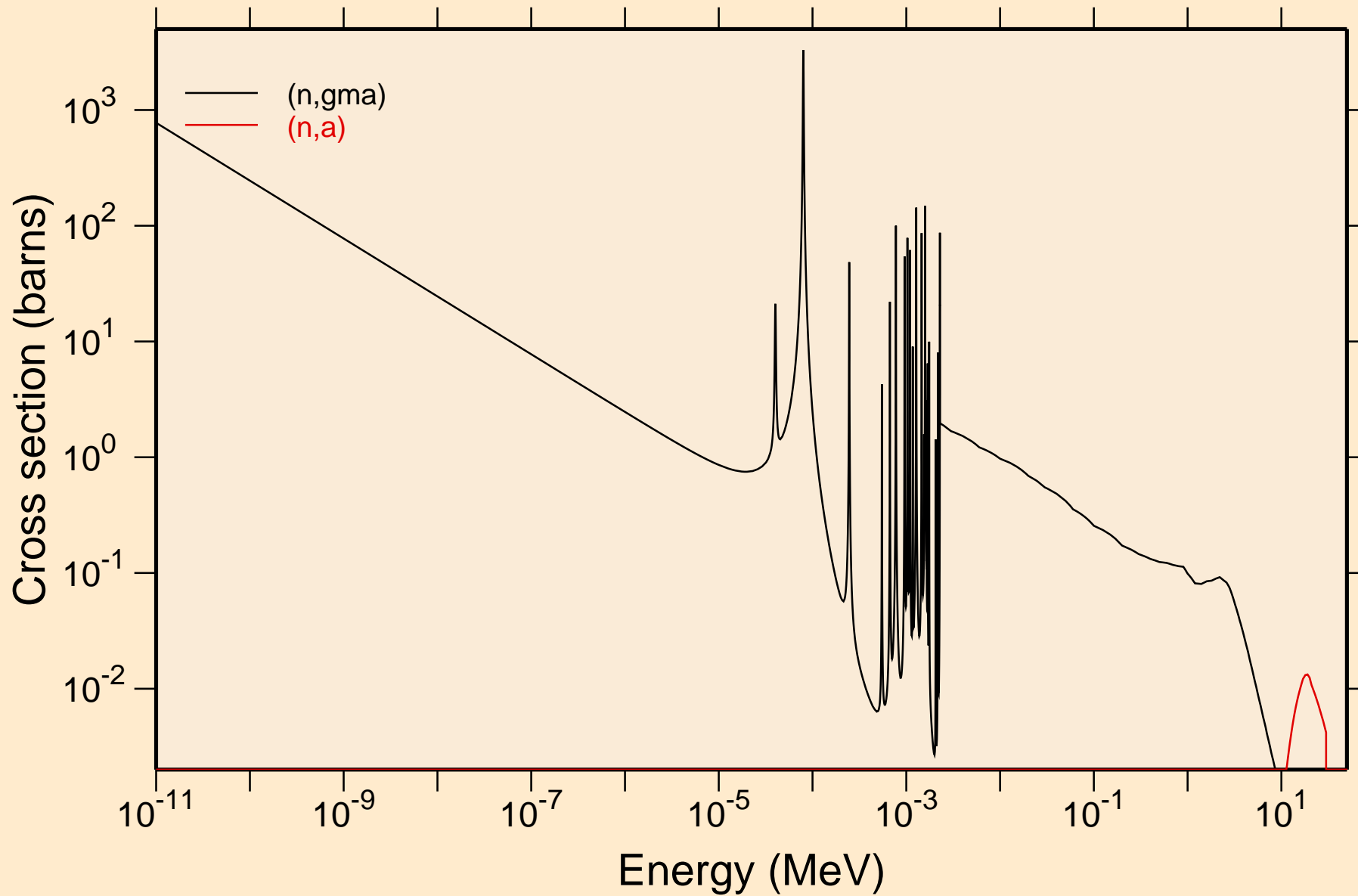




Y091M NRG TENDL-2015, AKONING  
resonance absorption cross sections

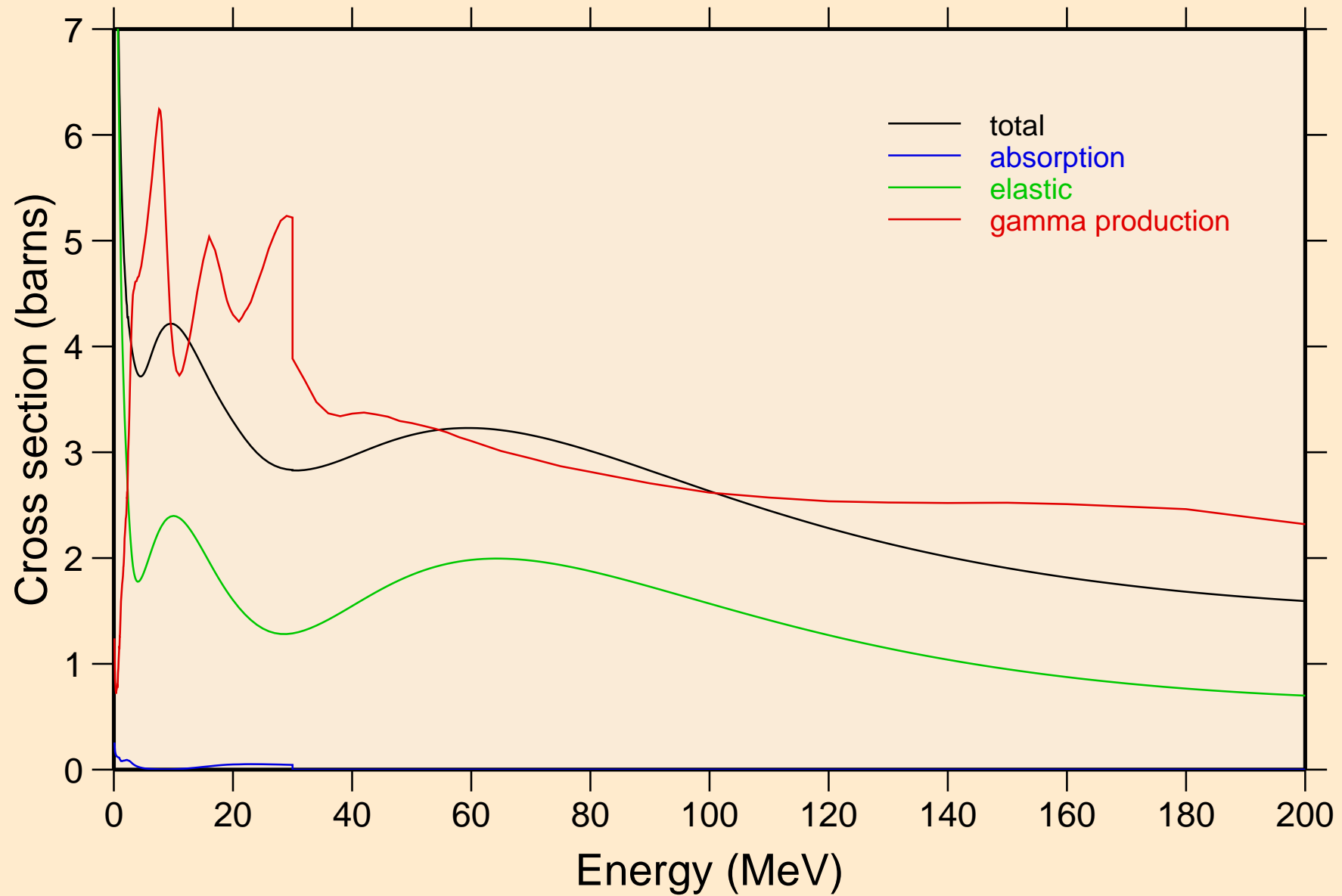


Y091M NRG TENDL-2015, AKONING  
Non-threshold reactions

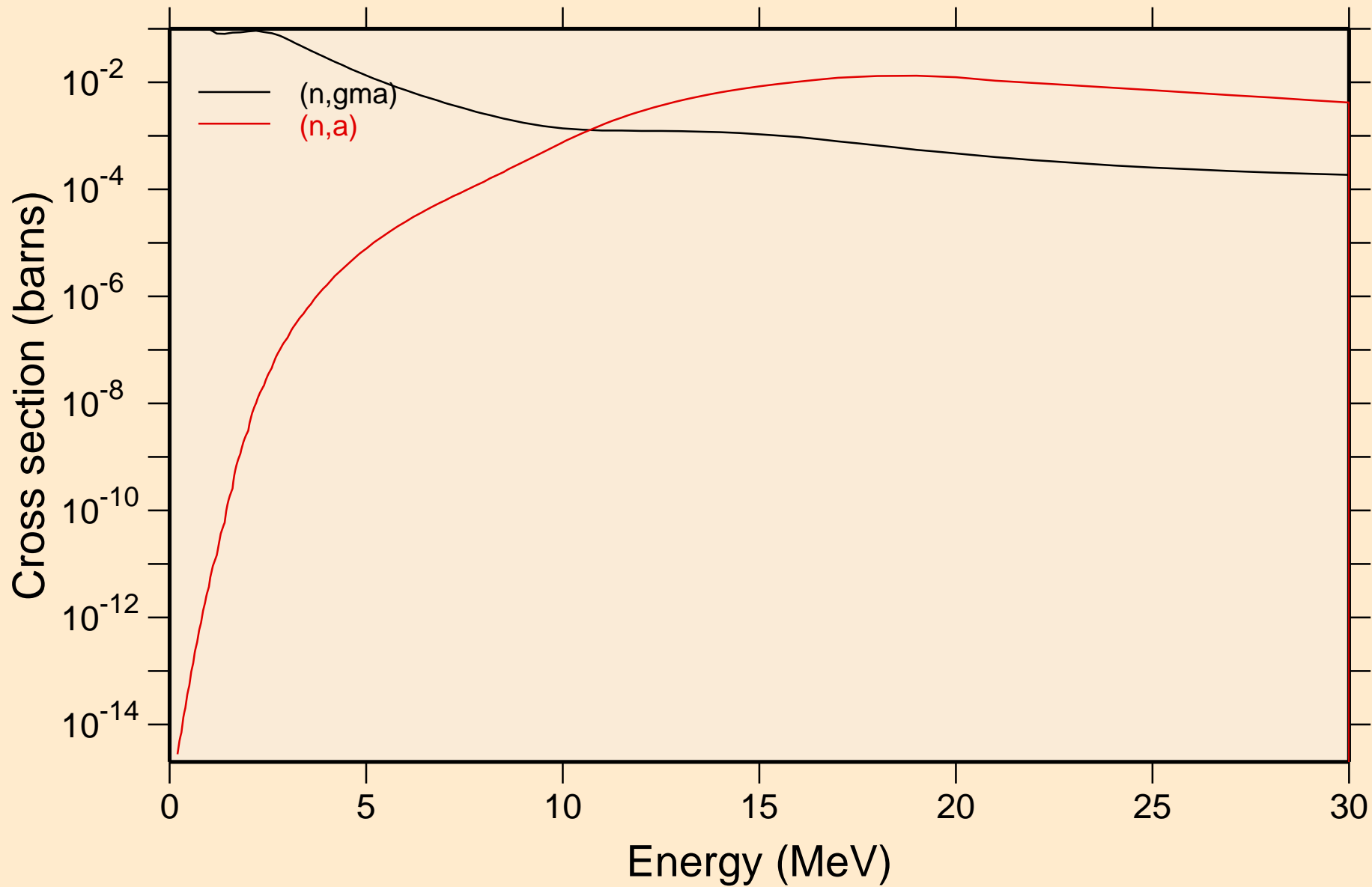


# Y091M NRG TENDL-2015, AKONING

## Principal cross sections

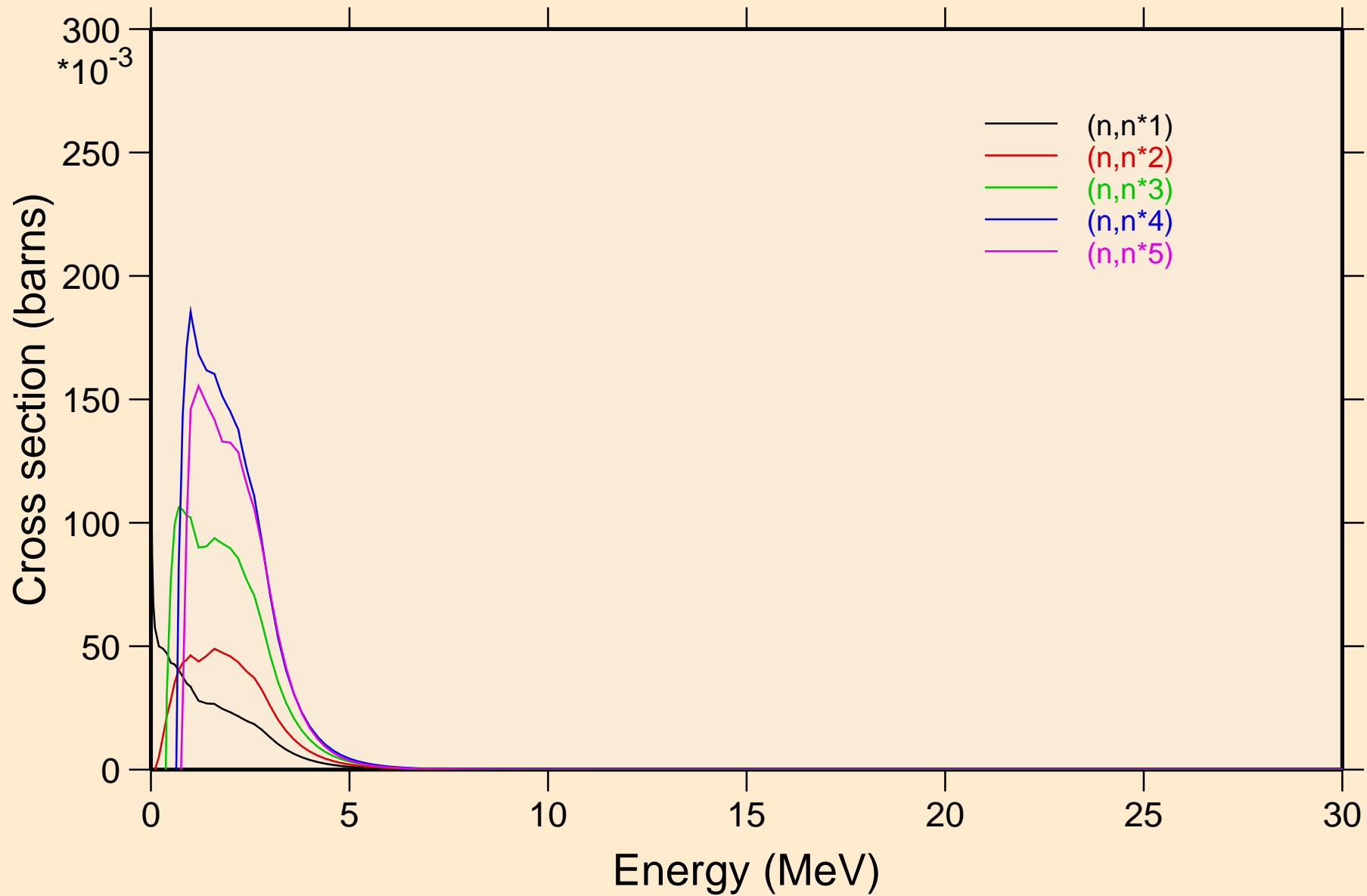


Y091M NRG TENDL-2015, AKONING  
Non-threshold reactions



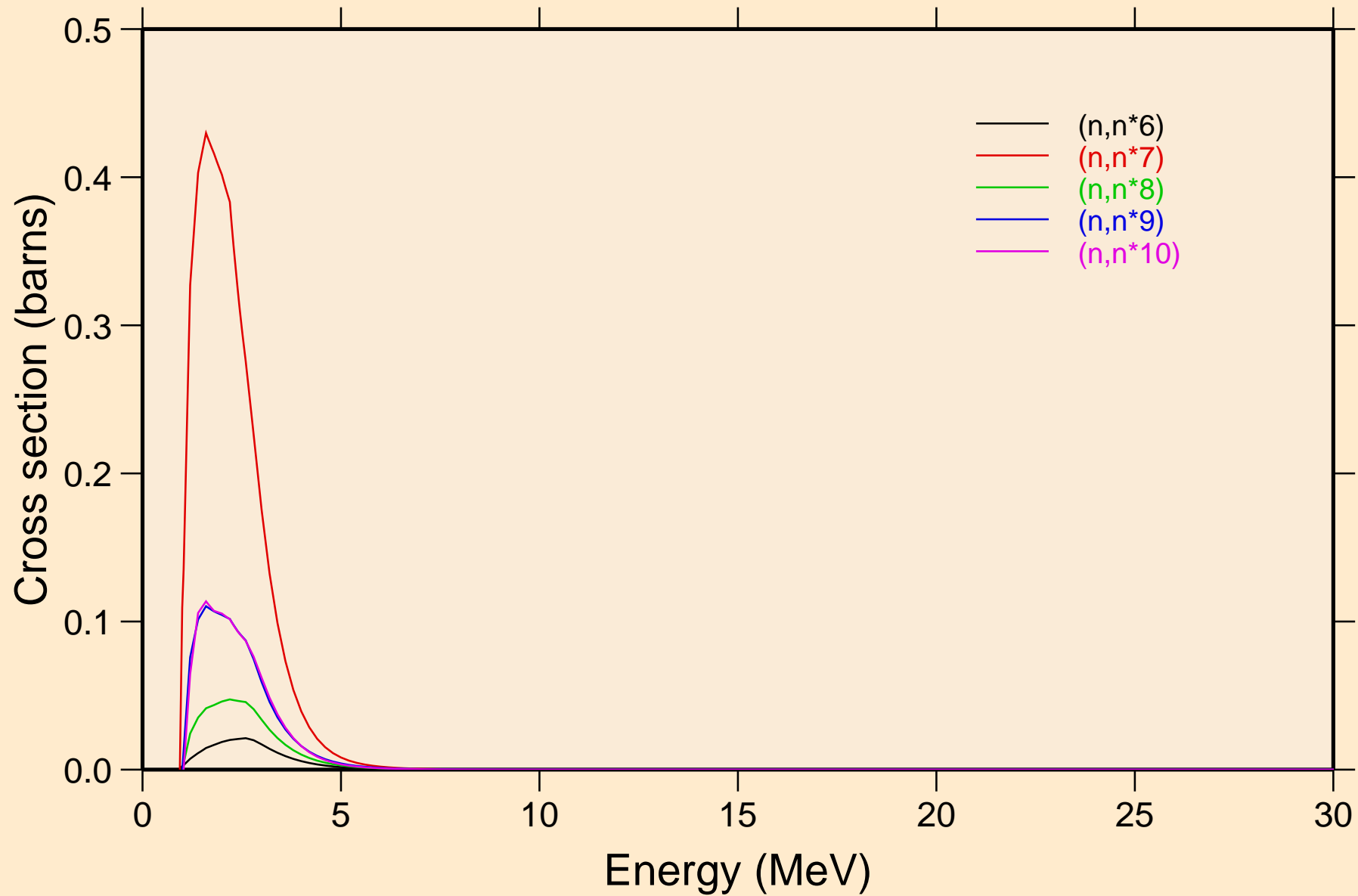
# Y091M NRG TENDL-2015, AKONING

## Inelastic levels



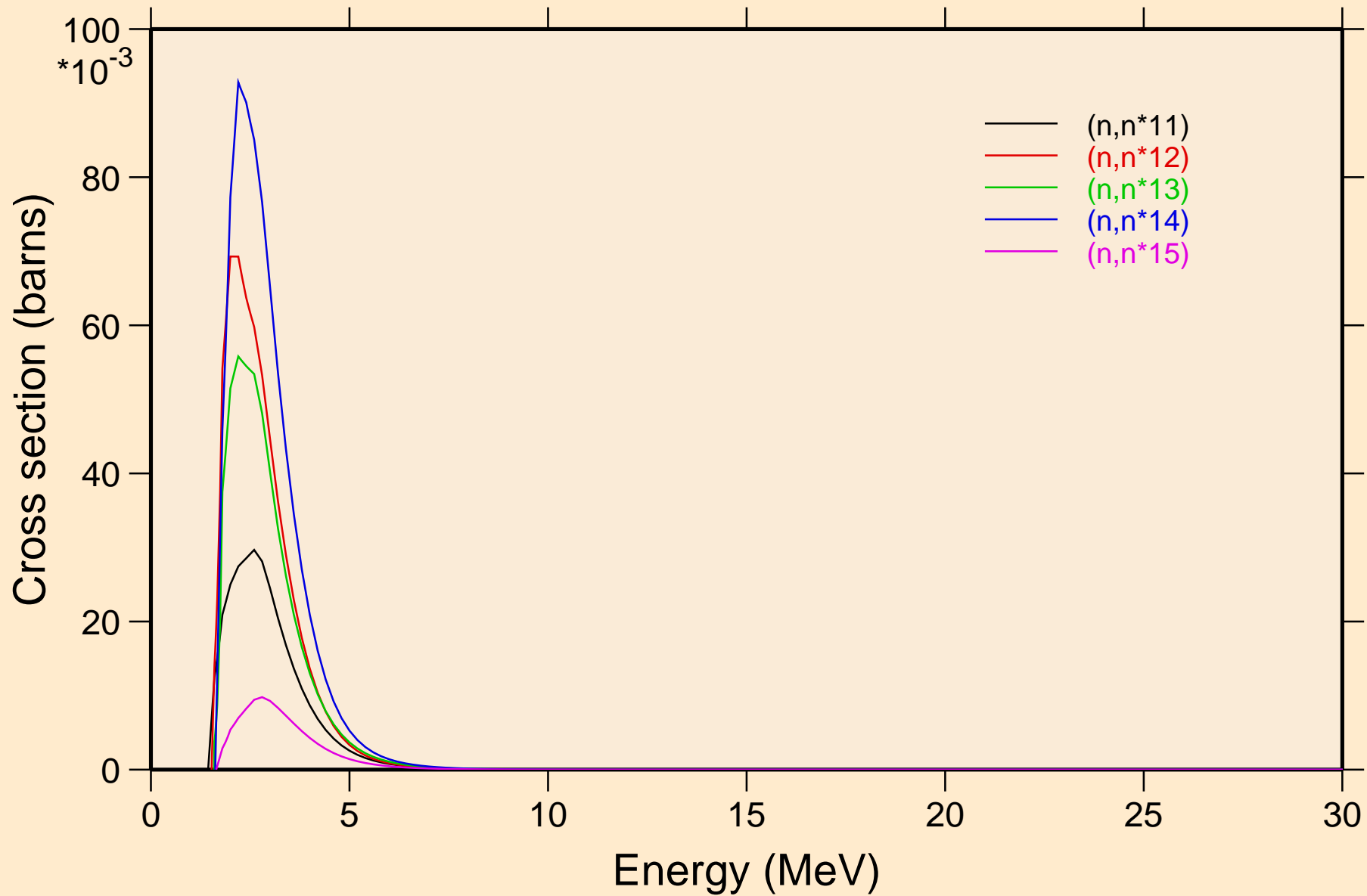
# Y091M NRG TENDL-2015, AKONING

## Inelastic levels



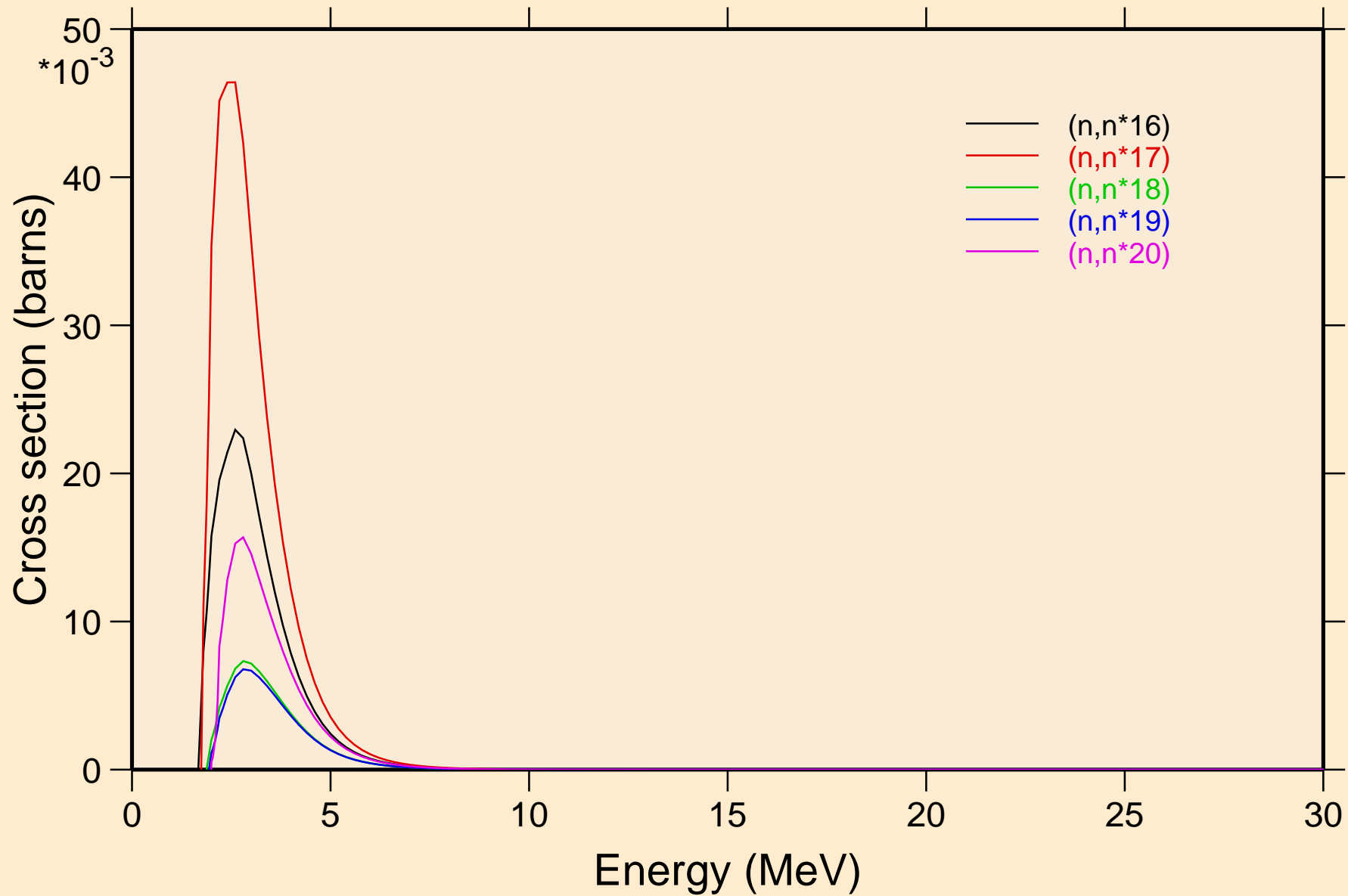
# Y091M NRG TENDL-2015, AKONING

## Inelastic levels



# Y091M NRG TENDL-2015, AKONING

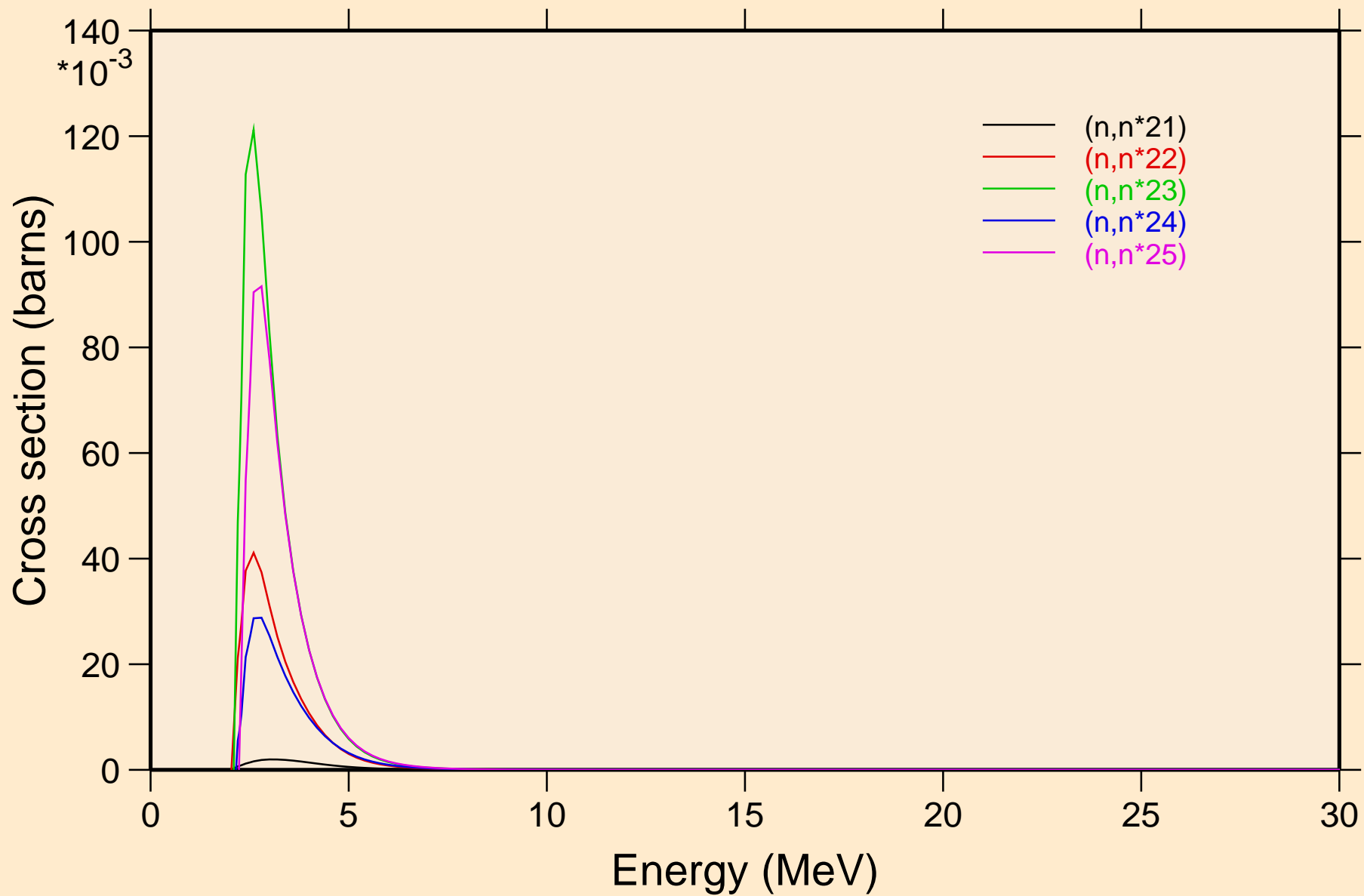
## Inelastic levels



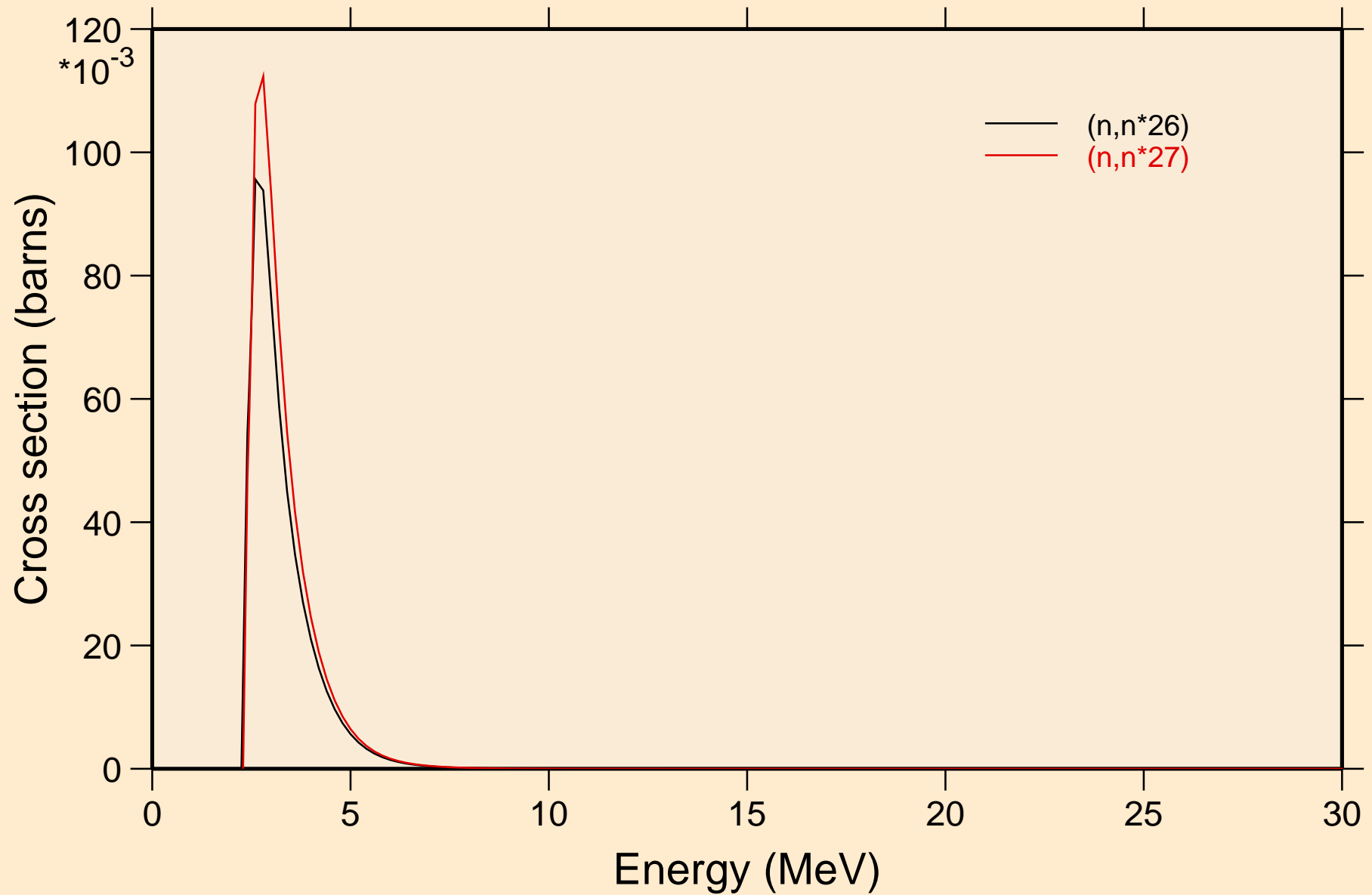


# Y091M NRG TENDL-2015, AKONING

## Inelastic levels

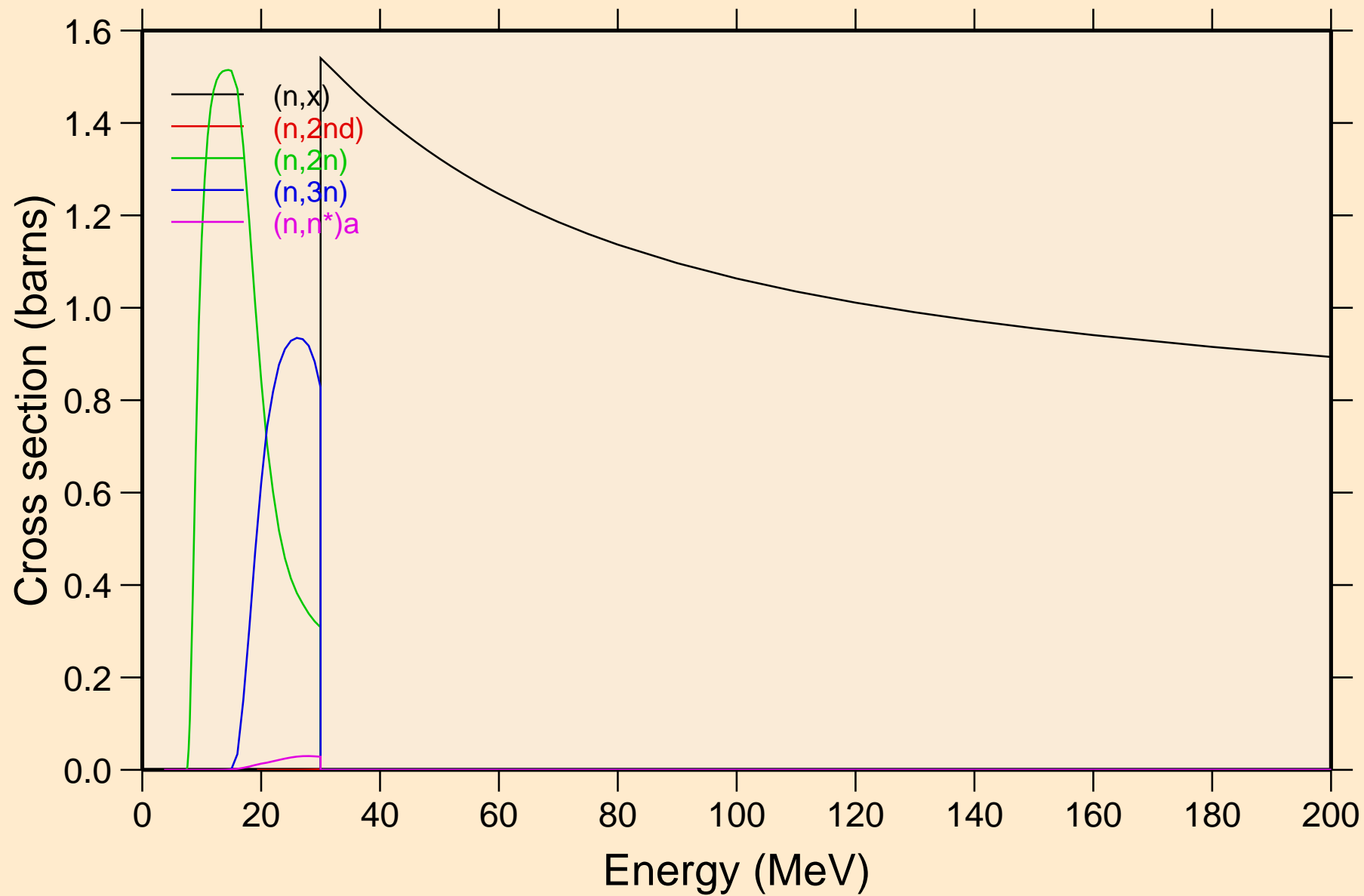


Y091M NRG TENDL-2015, AKONING  
Inelastic levels



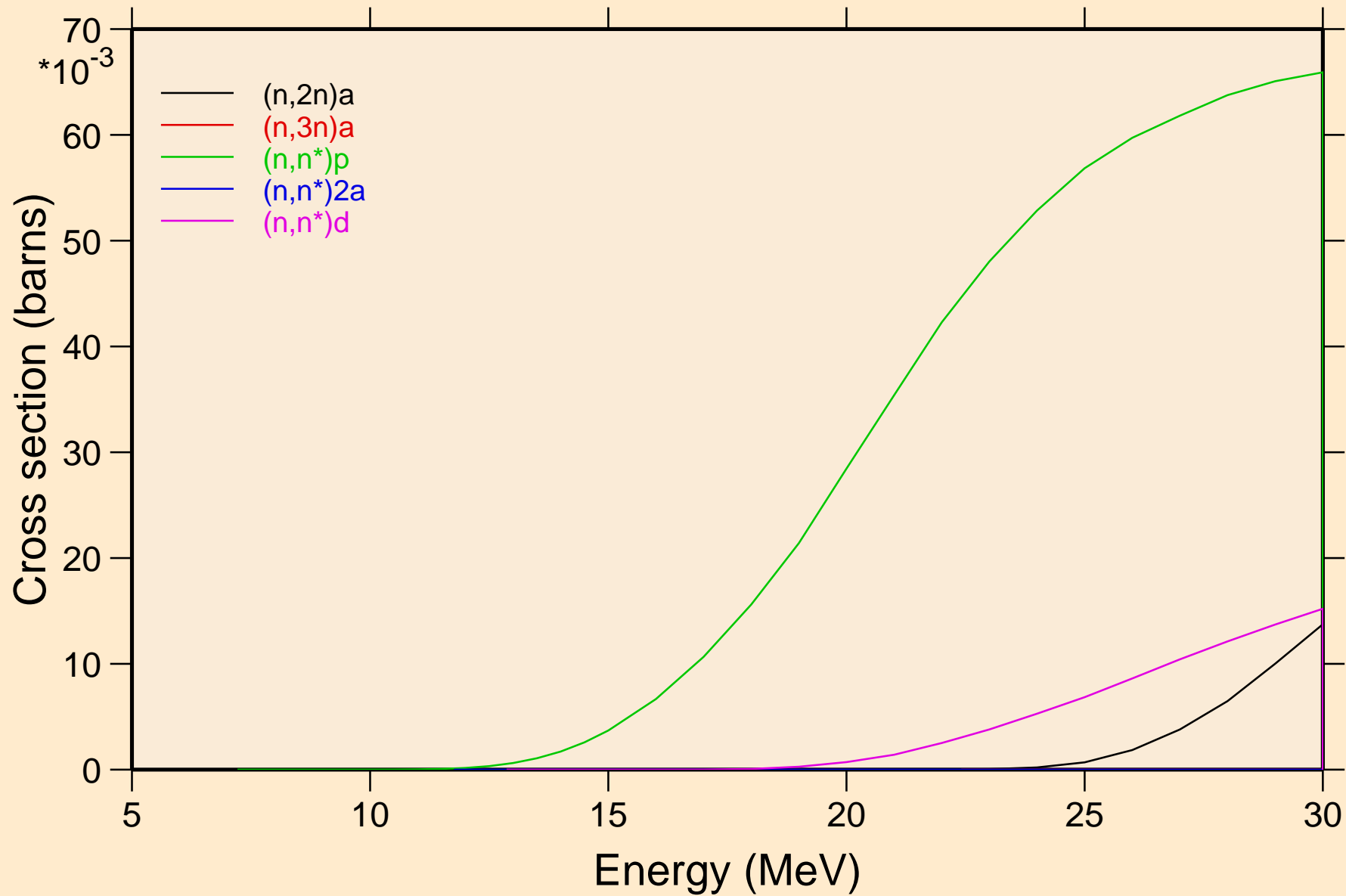
# Y091M NRG TENDL-2015, AKONING

## Threshold reactions



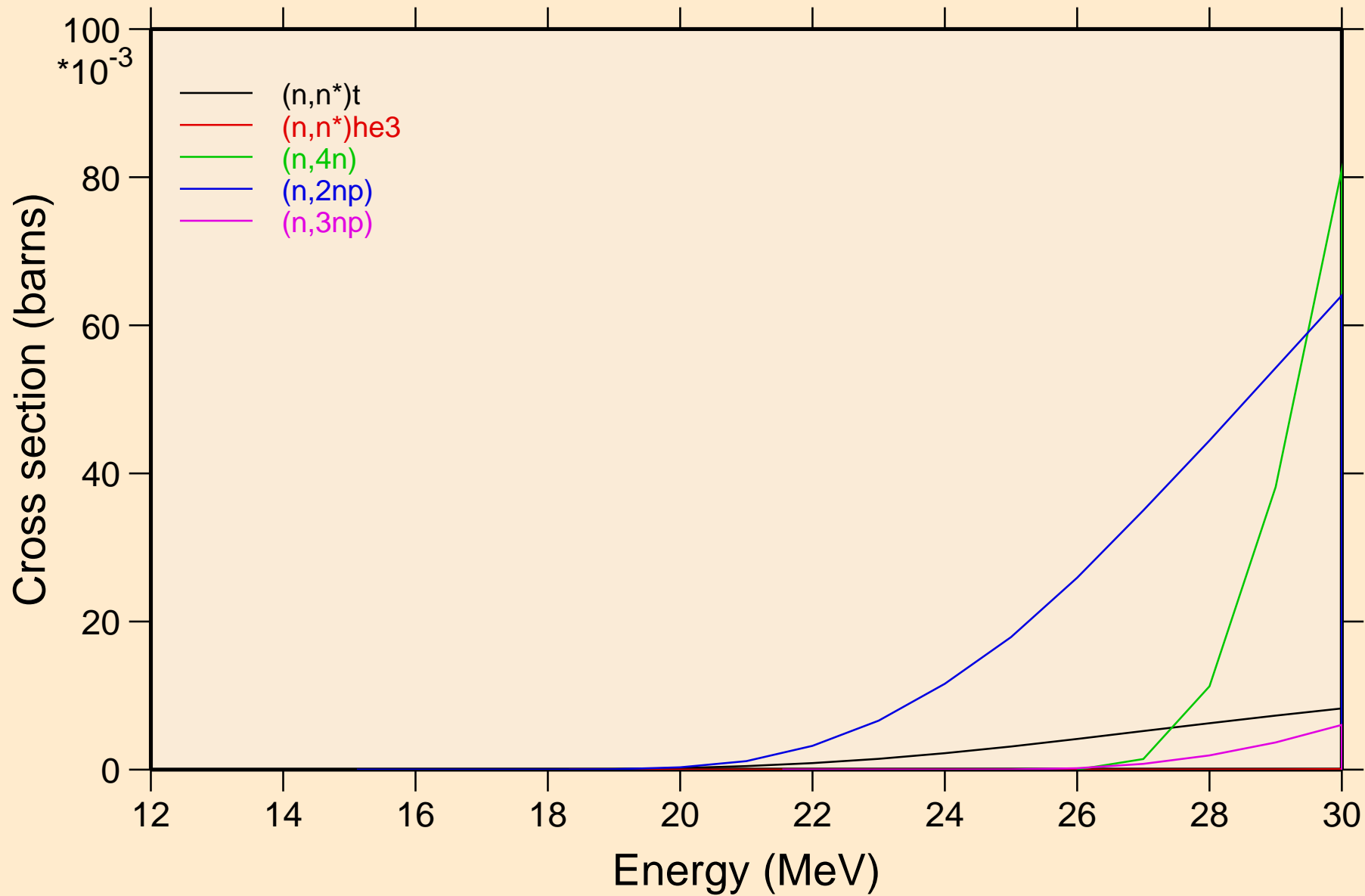
# Y091M NRG TENDL-2015, AKONING

## Threshold reactions



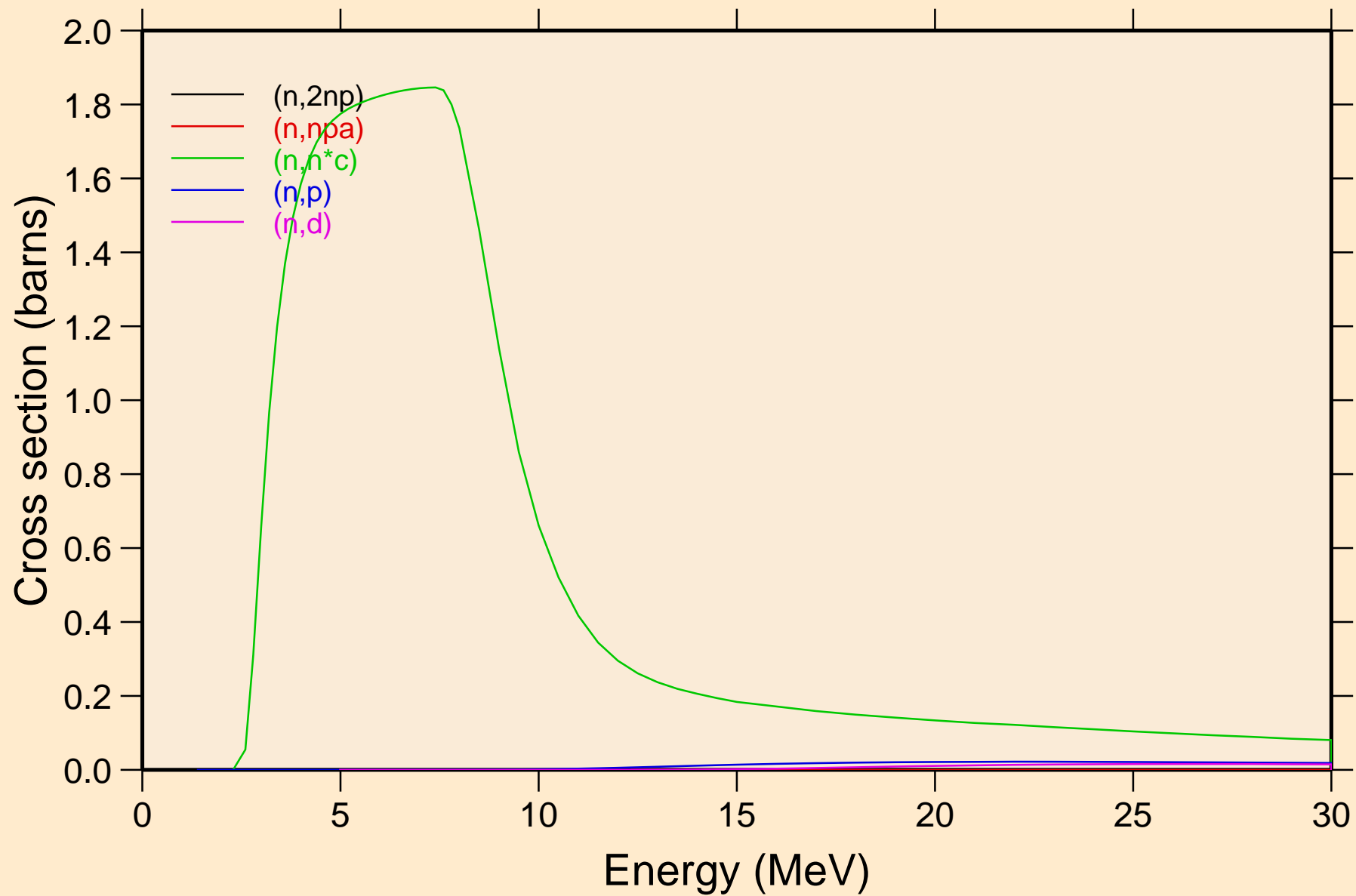
# Y091M NRG TENDL-2015, AKONING

## Threshold reactions



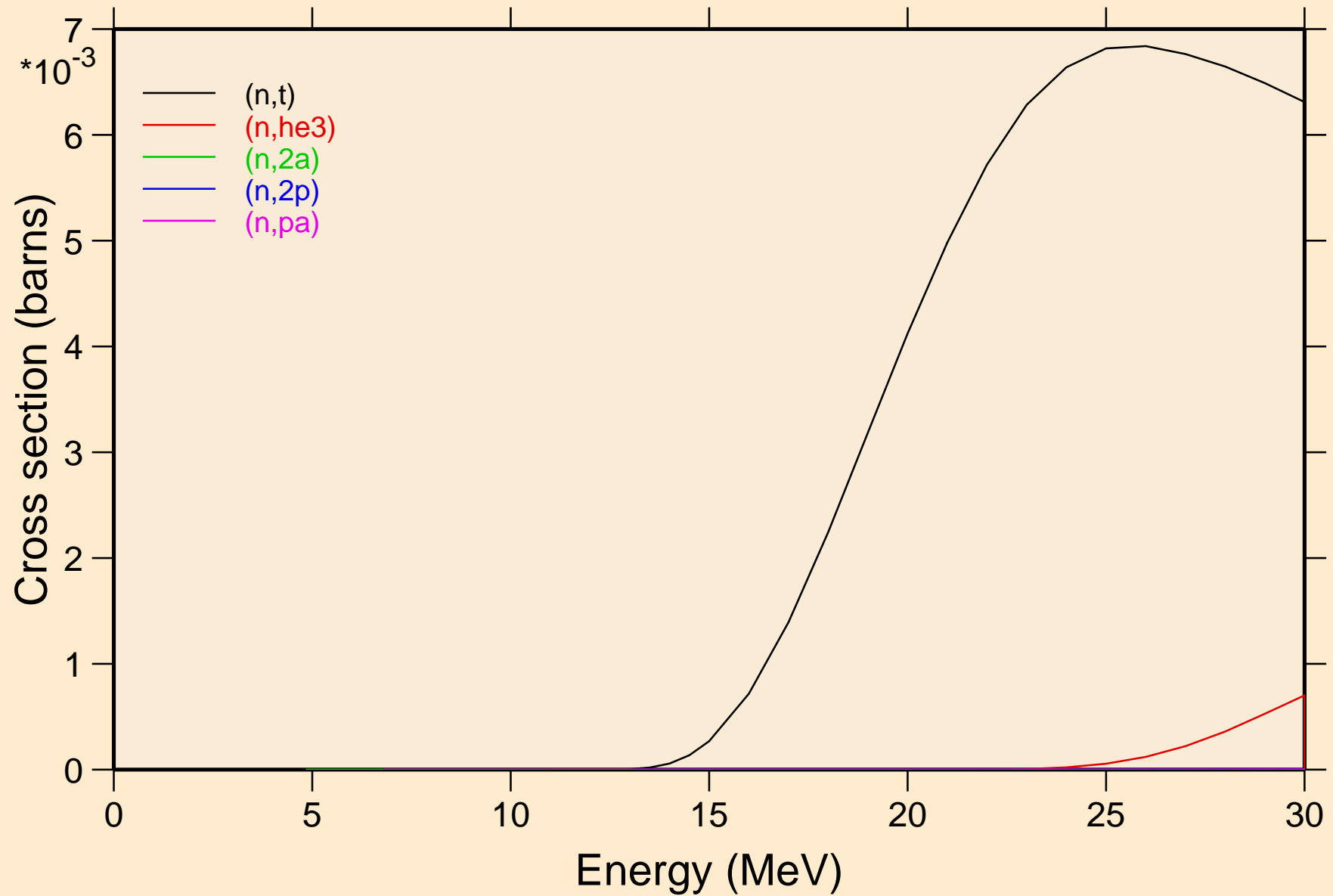
# Y091M NRG TENDL-2015, AKONING

## Threshold reactions



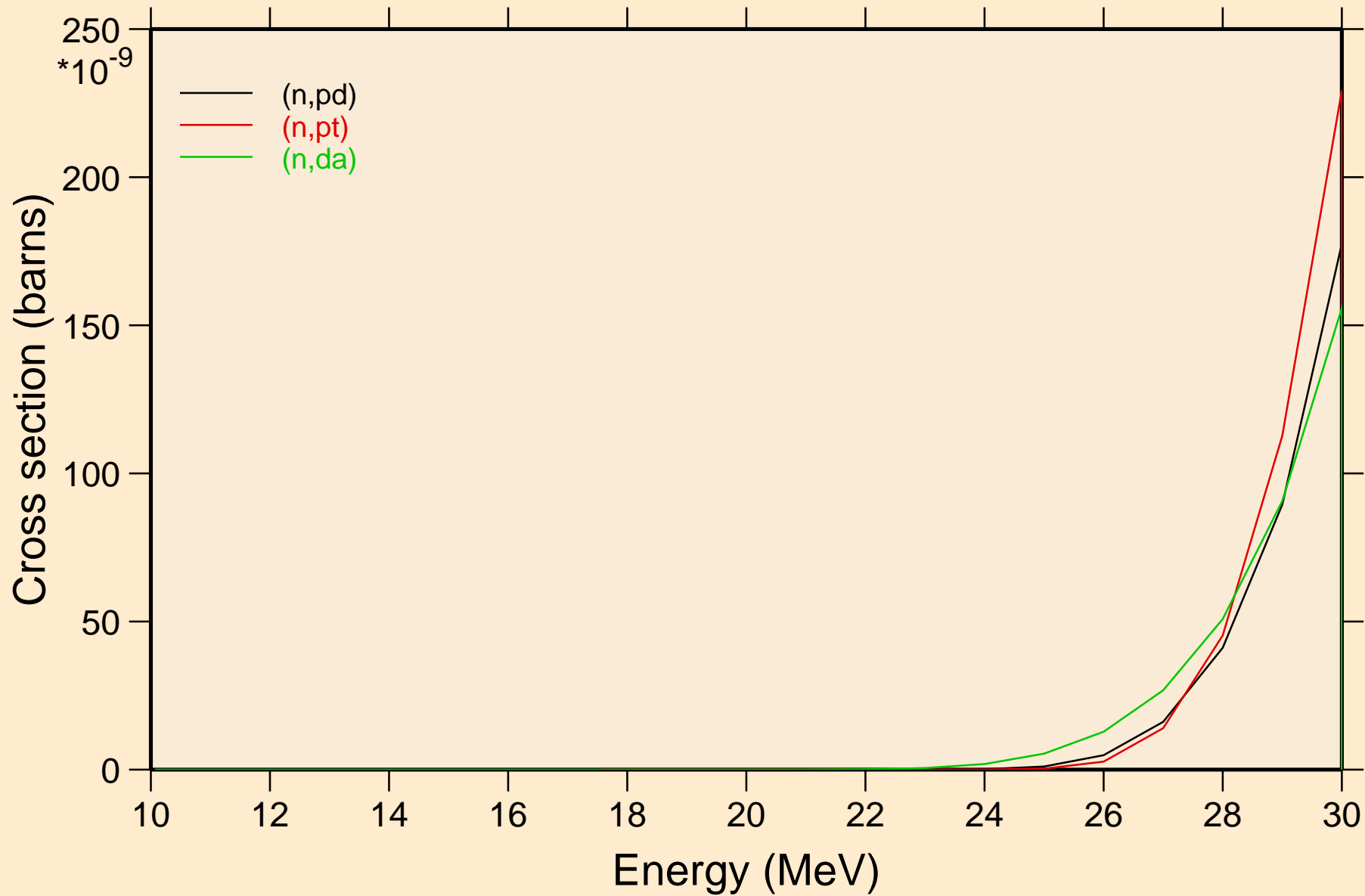
# Y091M NRG TENDL-2015, AKONING

## Threshold reactions



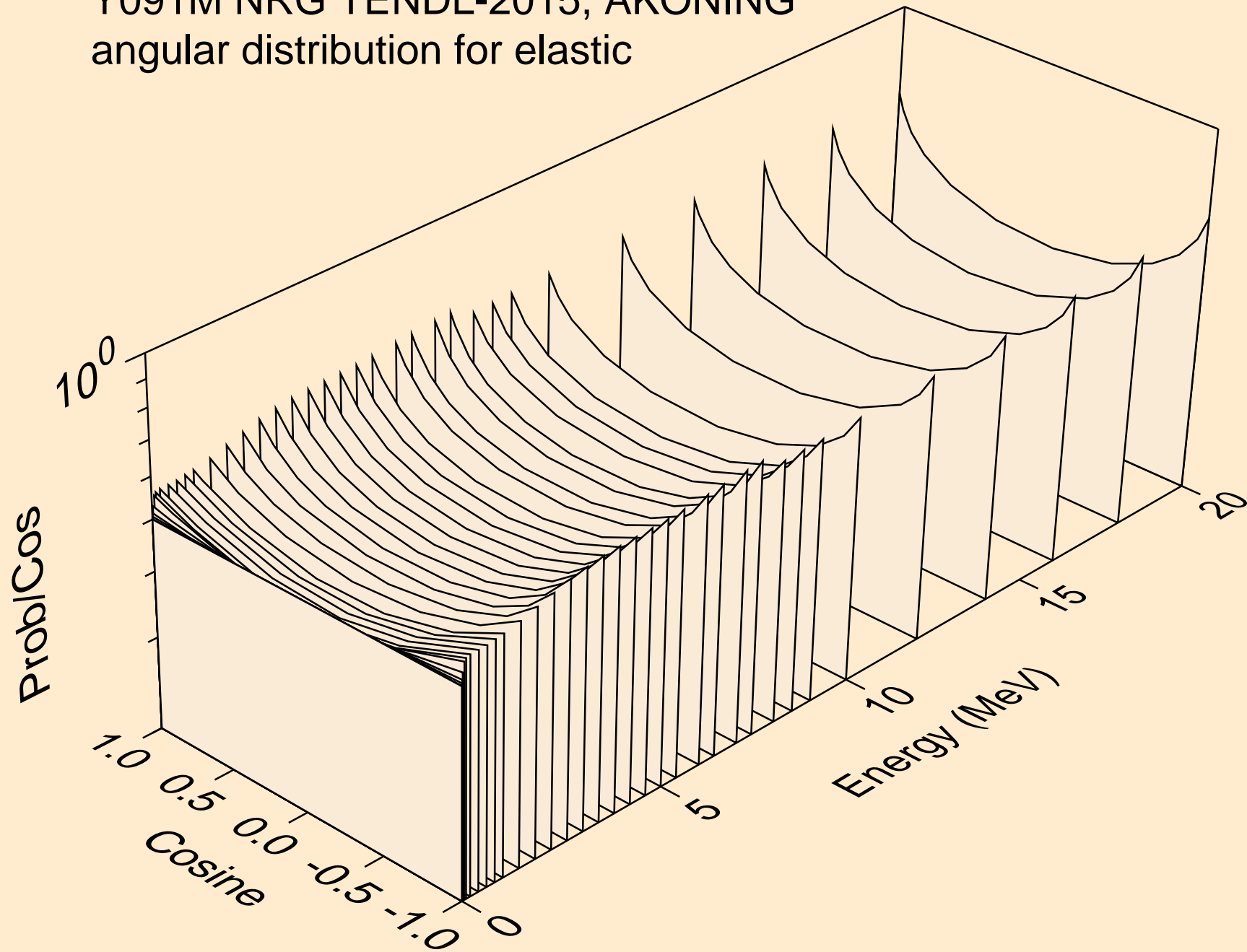
# Y091M NRG TENDL-2015, AKONING

## Threshold reactions

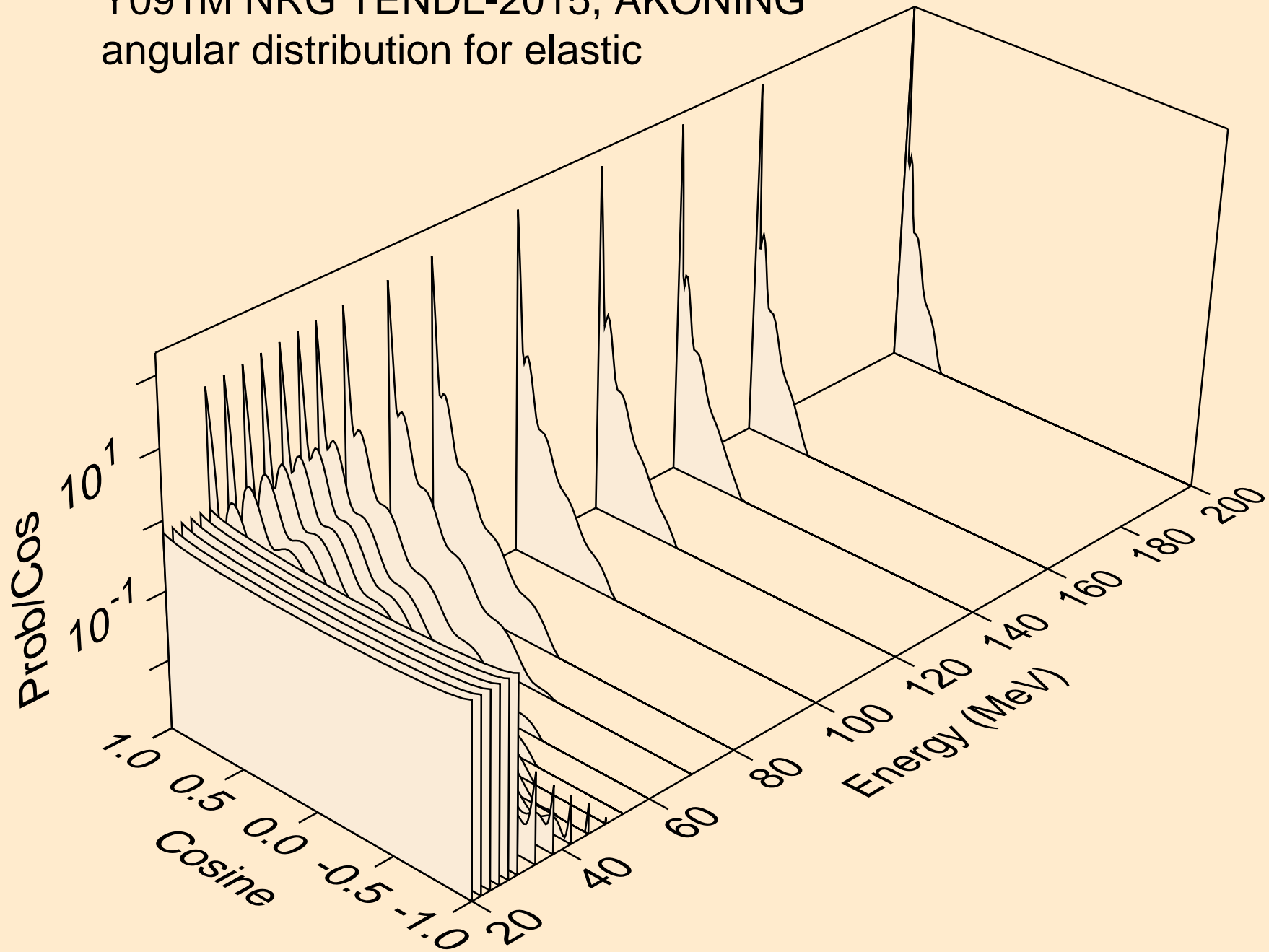




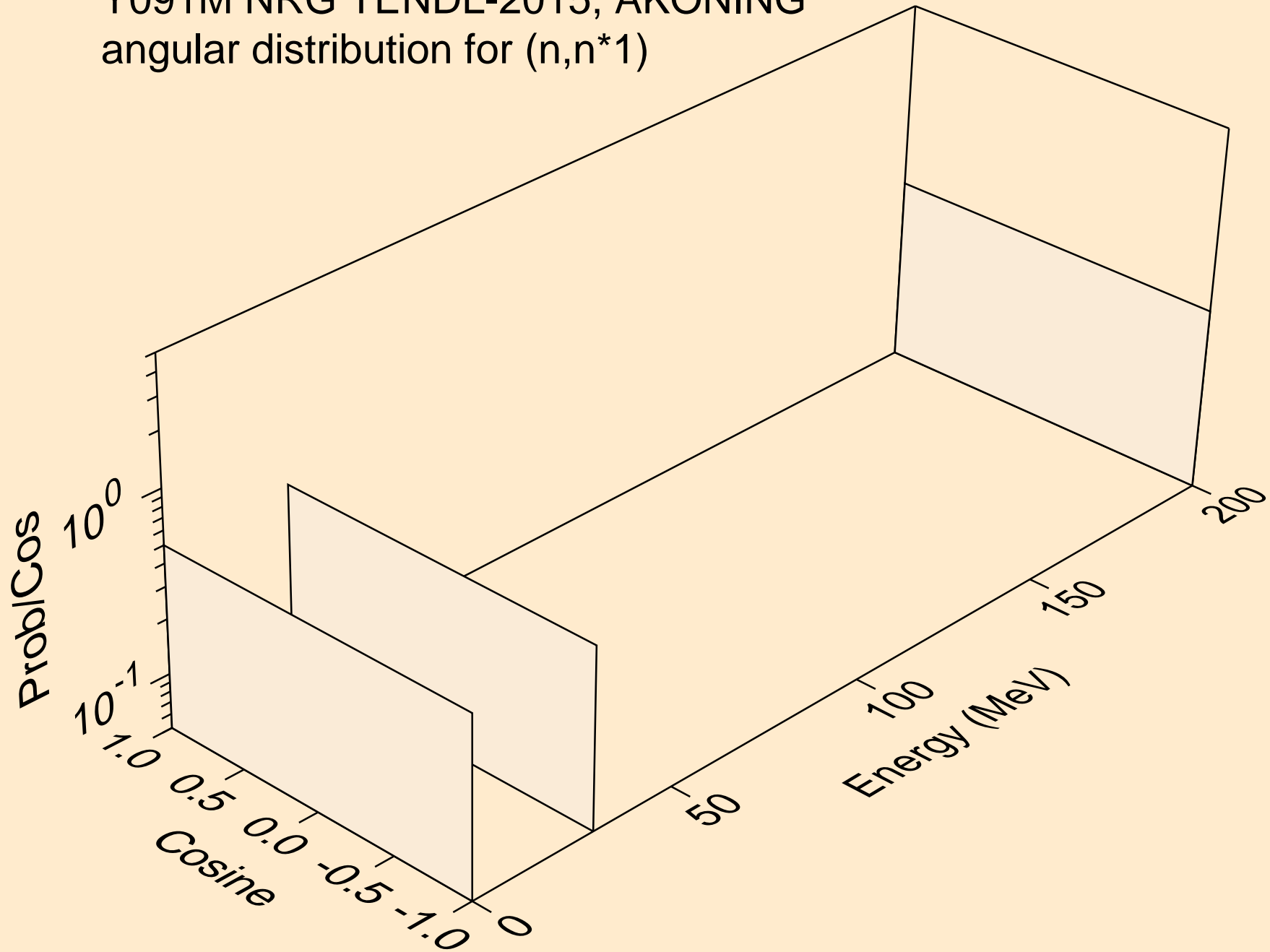
Y091M NRG TENDL-2015, AKONING  
angular distribution for elastic



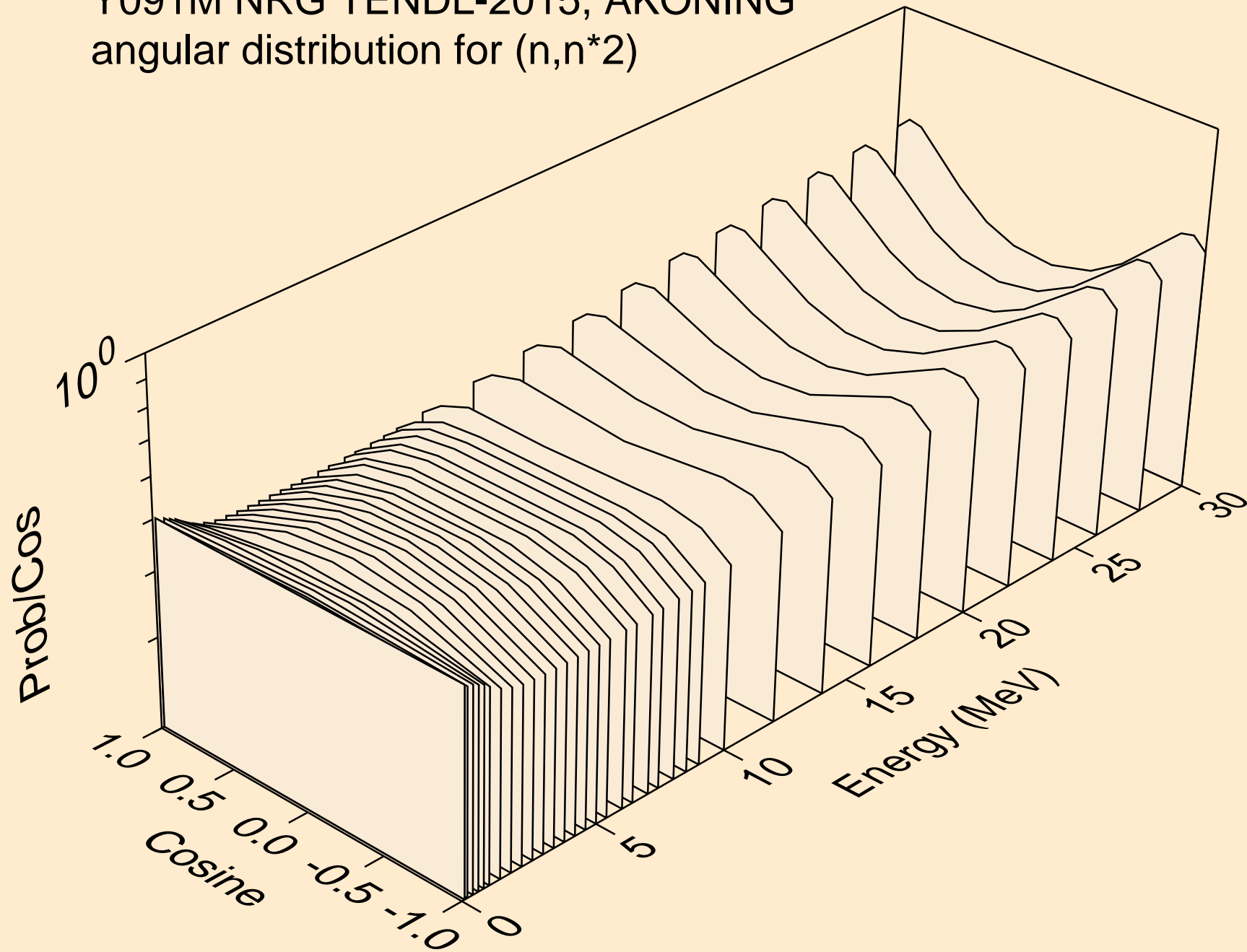
Y091M NRG TENDL-2015, AKONING  
angular distribution for elastic



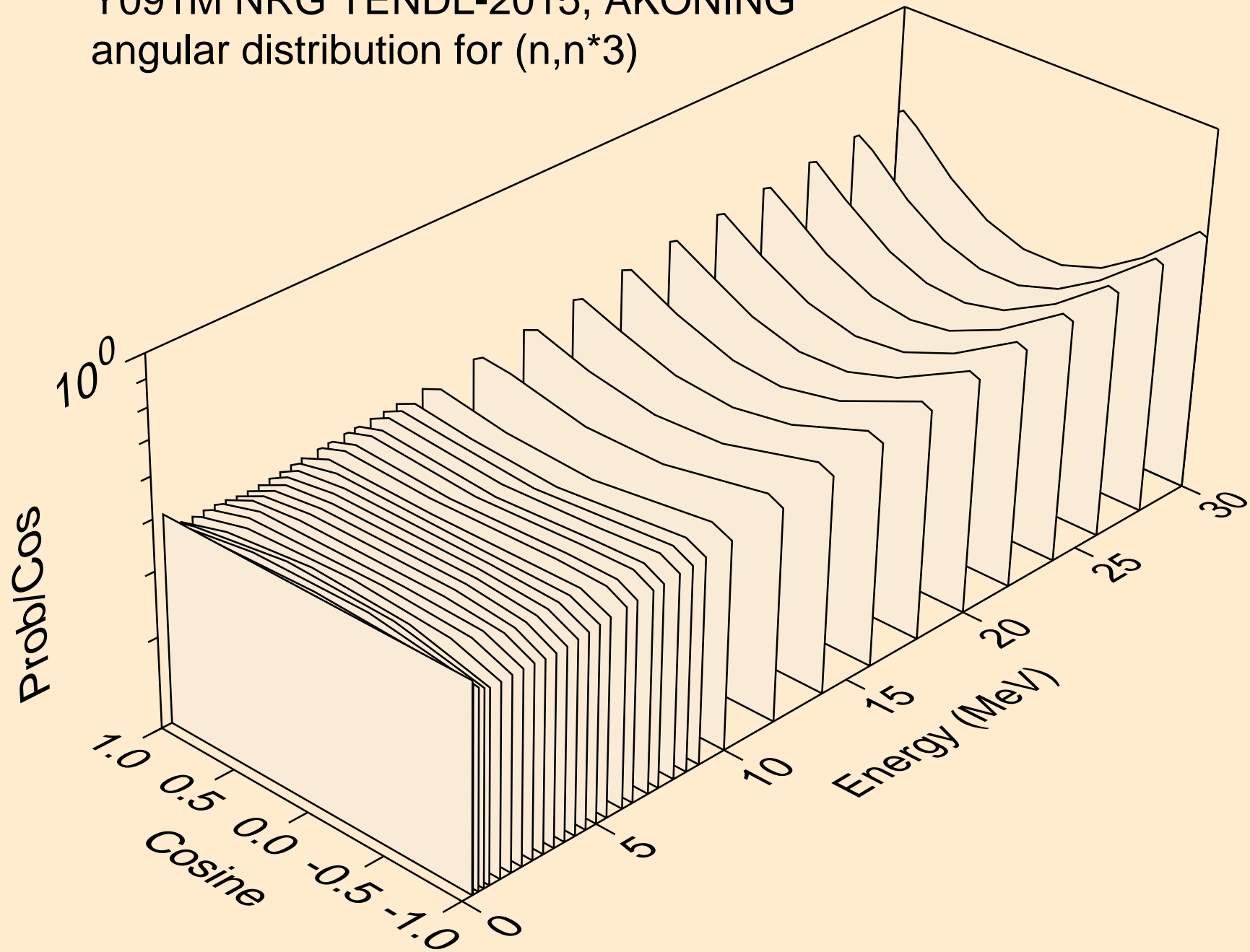
Y091M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



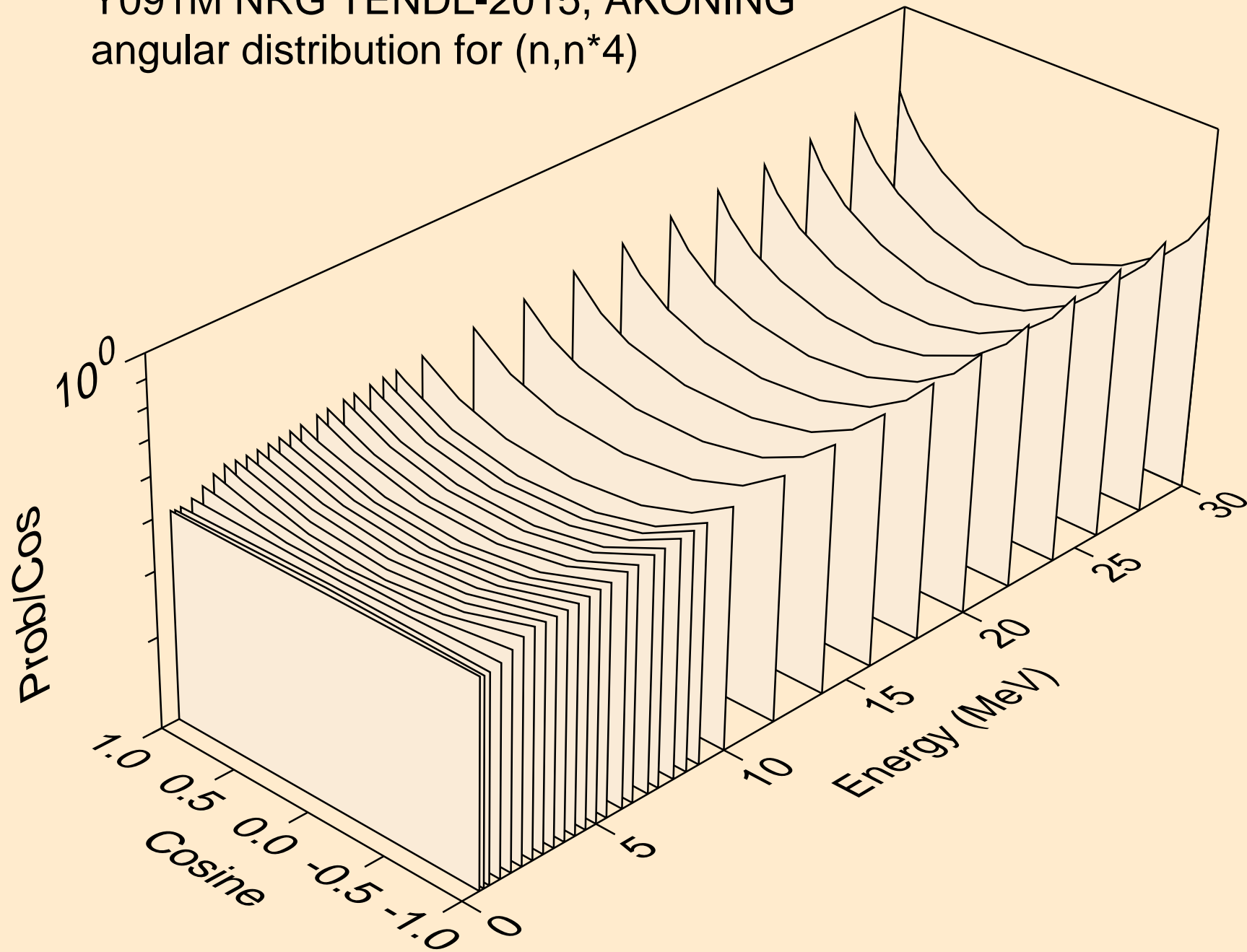
Y091M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



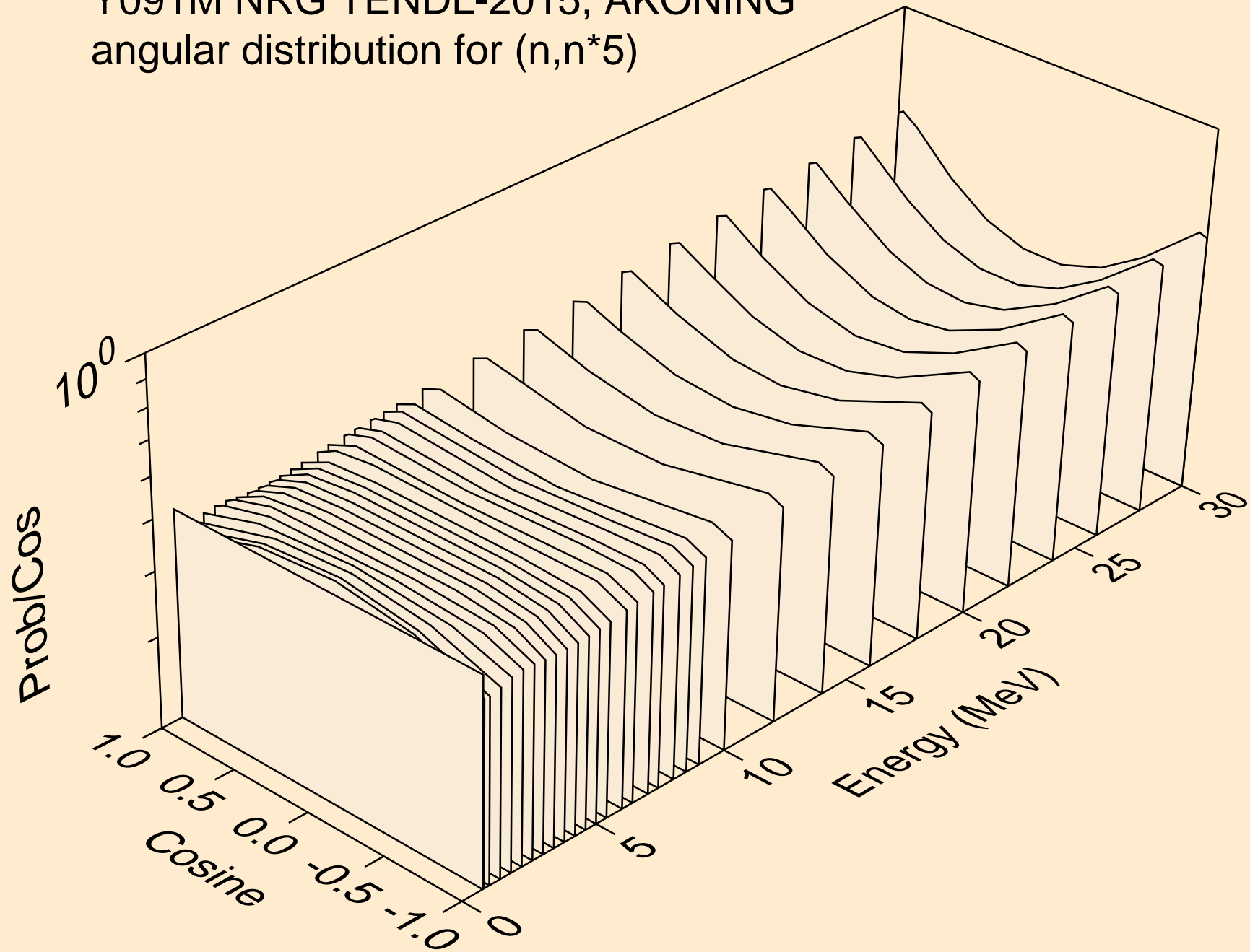
Y091M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



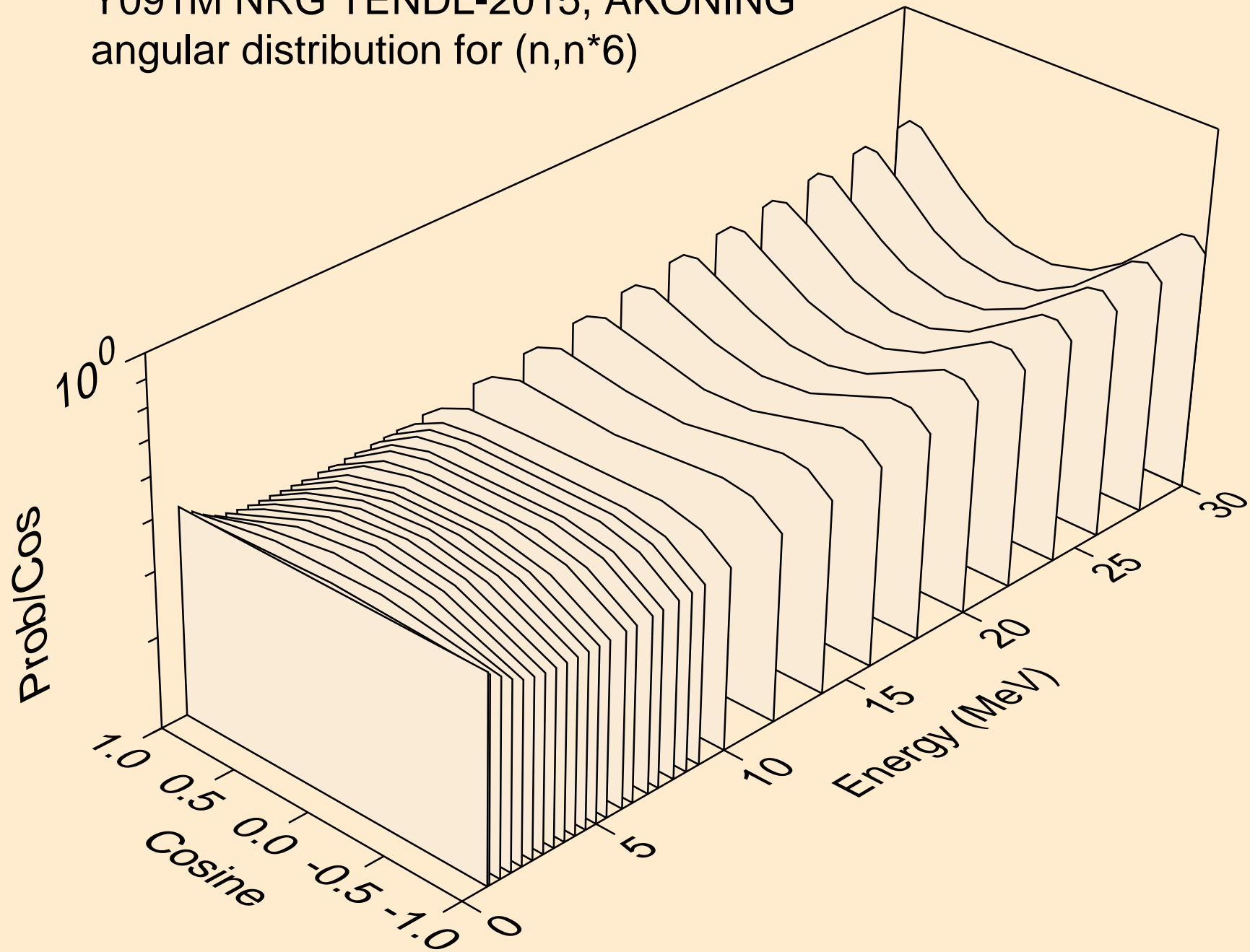
Y091M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



Y091M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

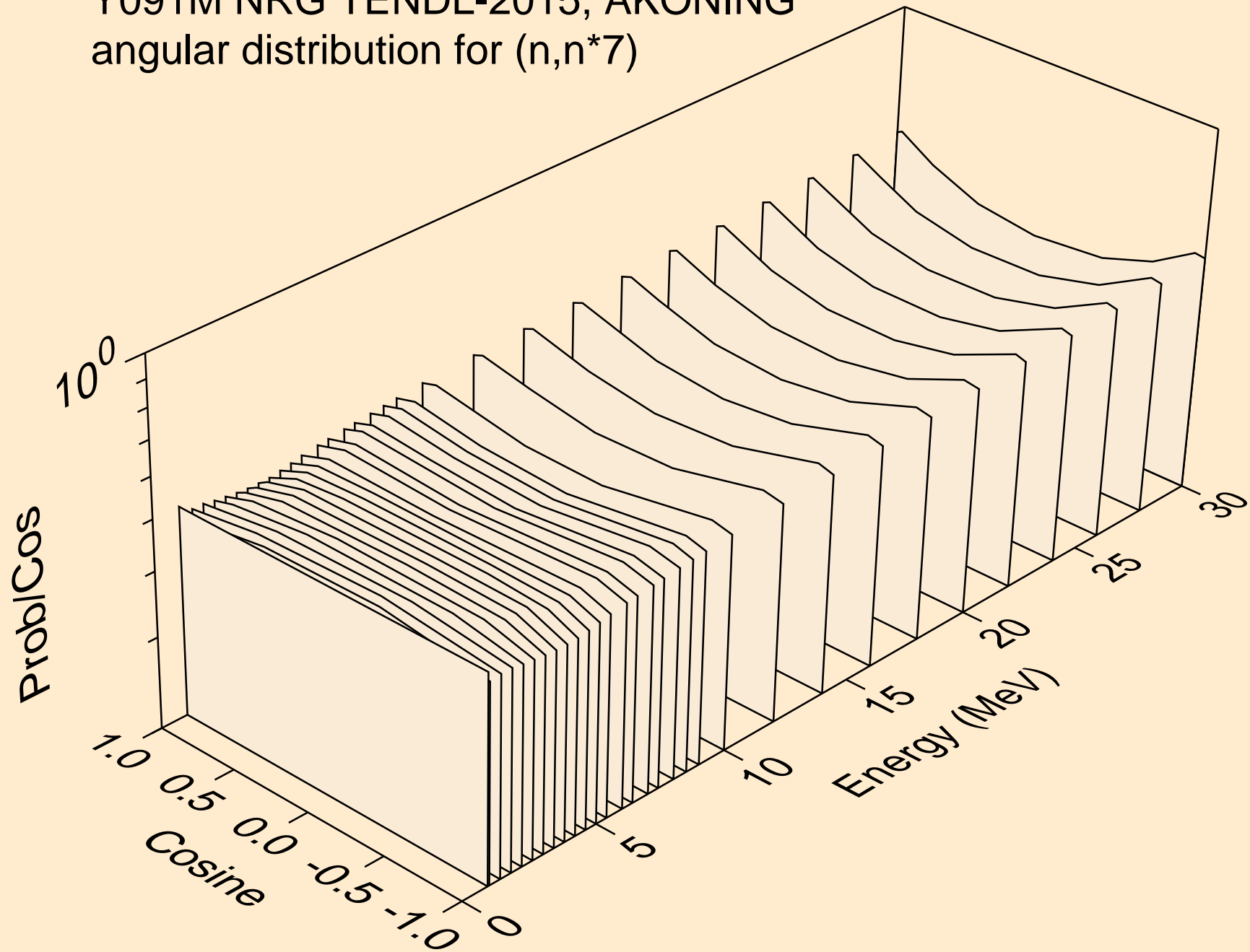


Y091M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

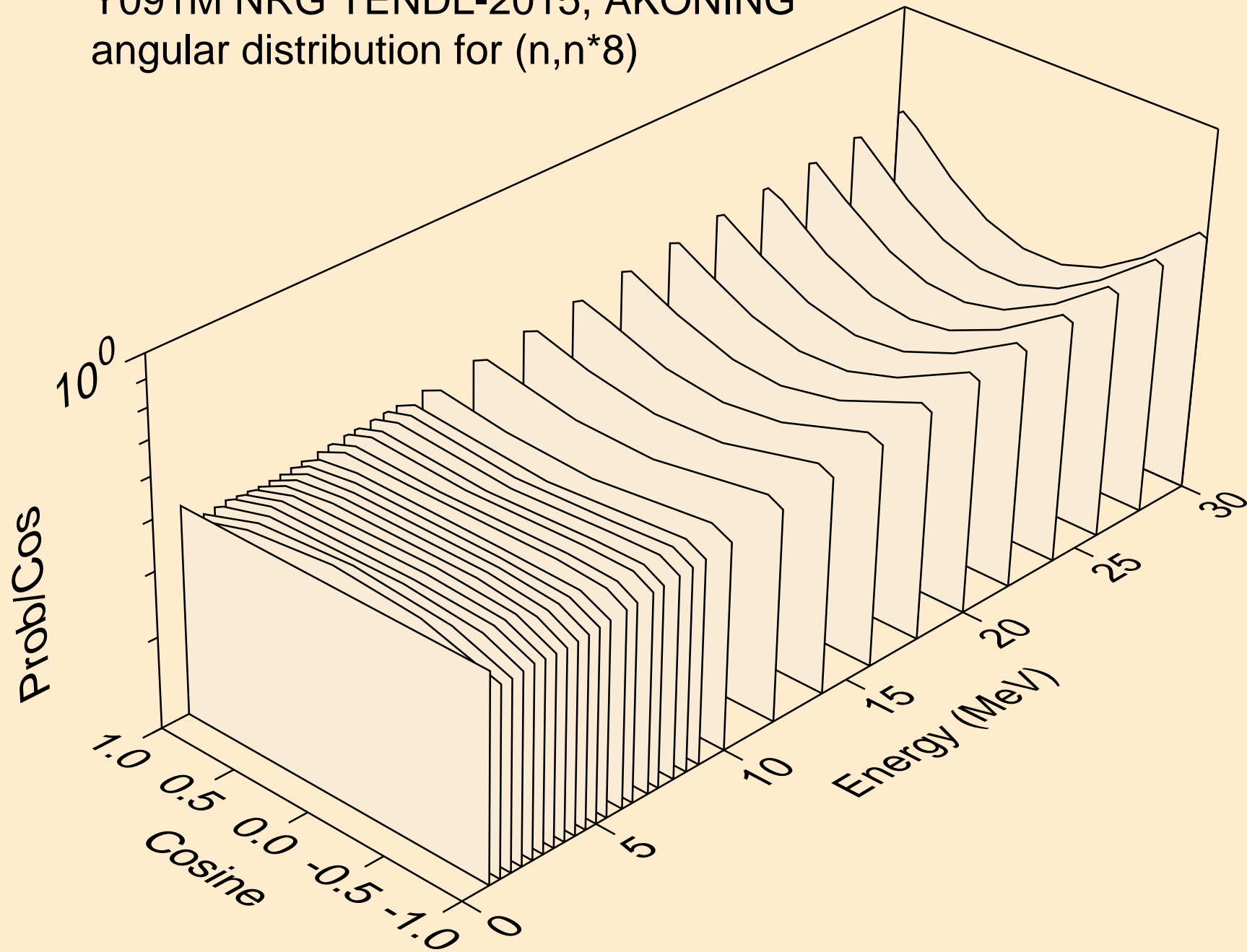




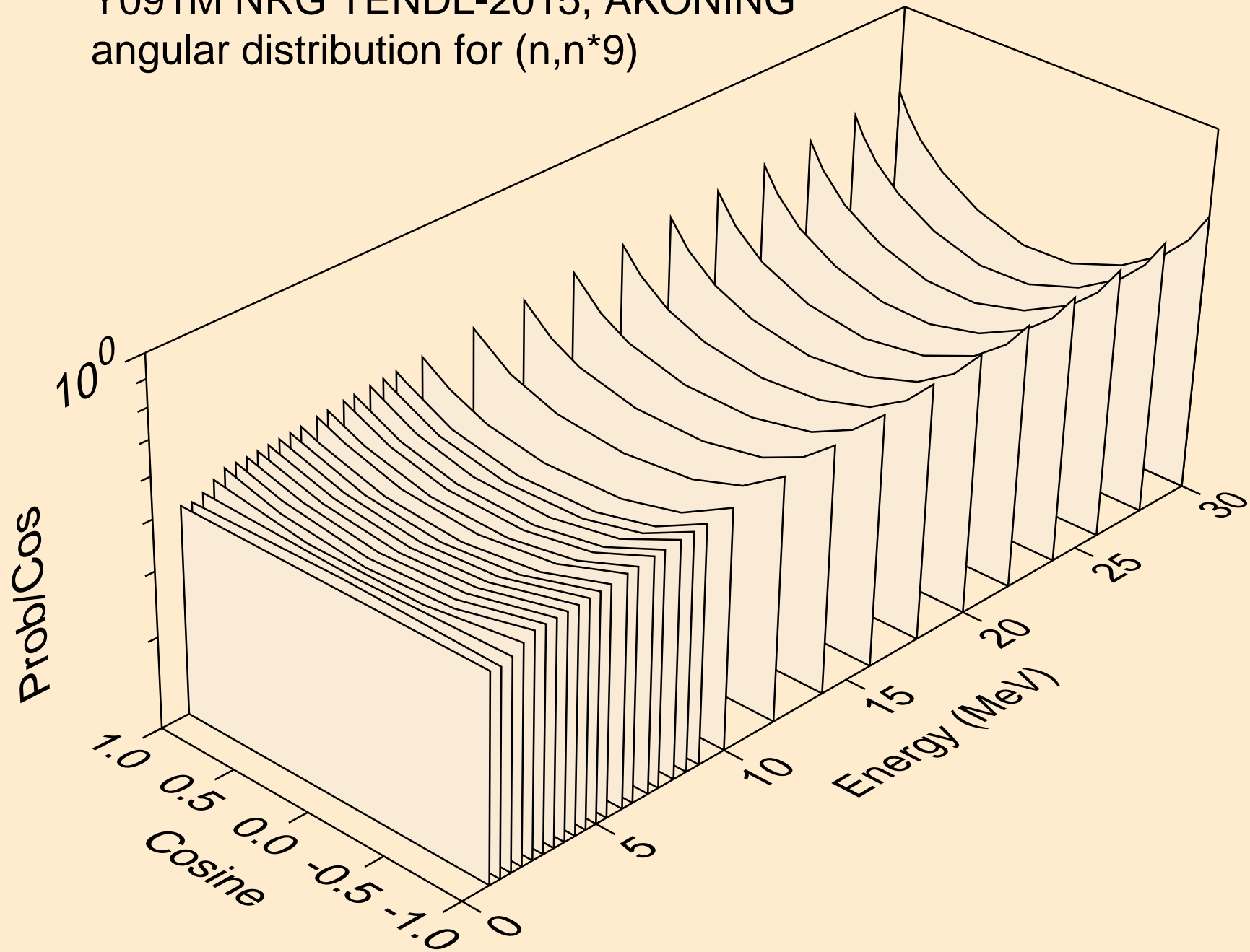
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angular distribution for (n,n\*7)



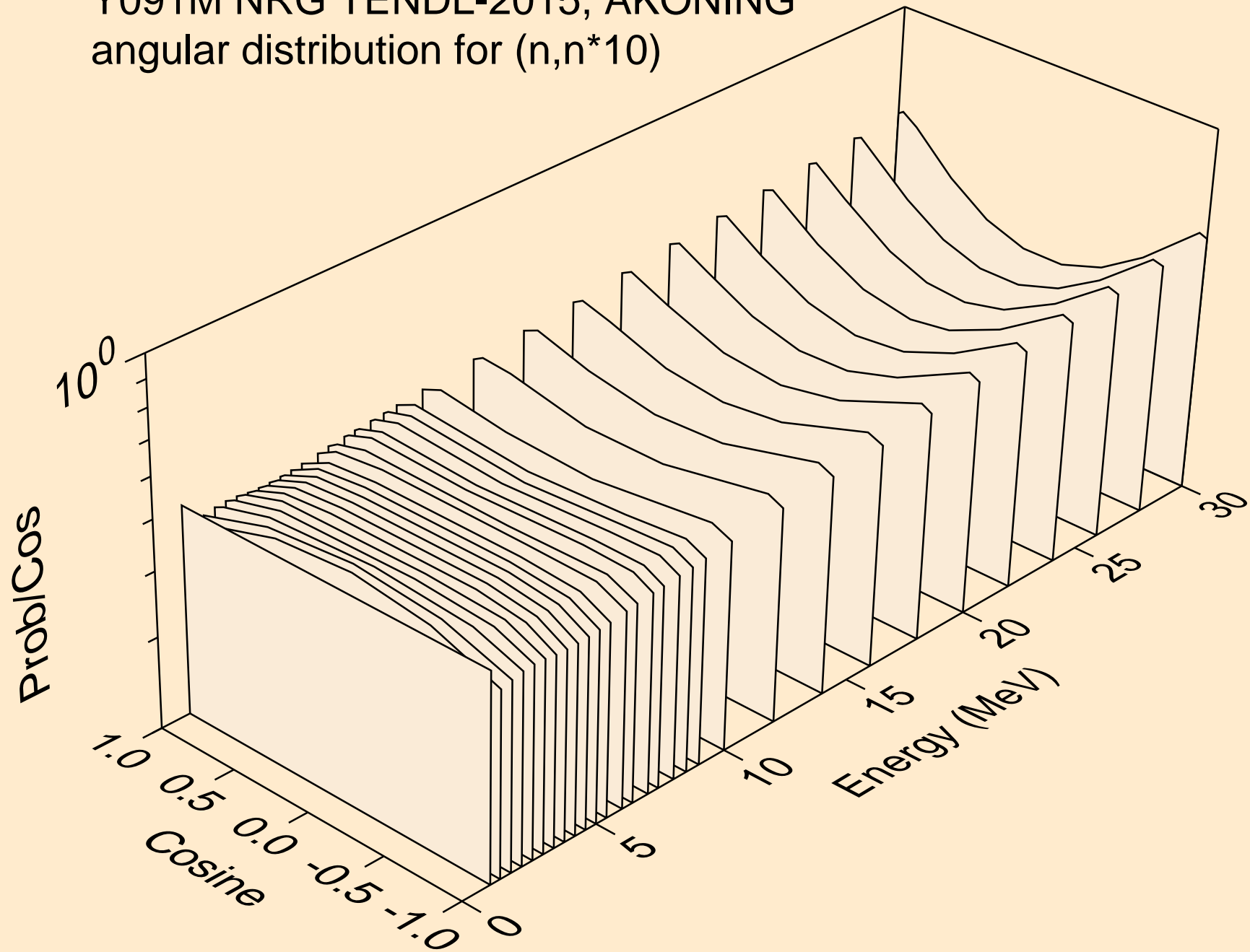
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angular distribution for (n,n\*8)



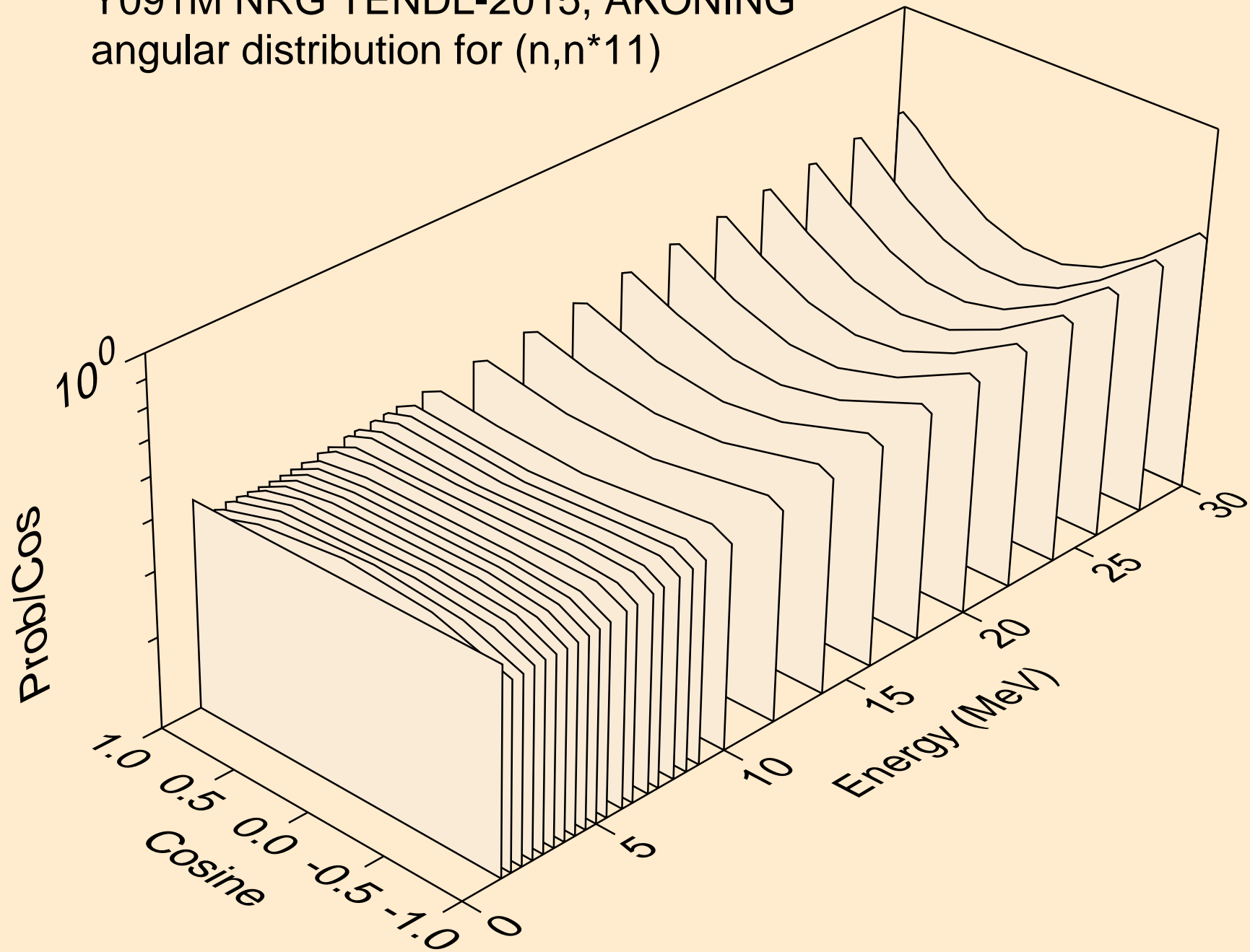
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angular distribution for (n,n\*9)



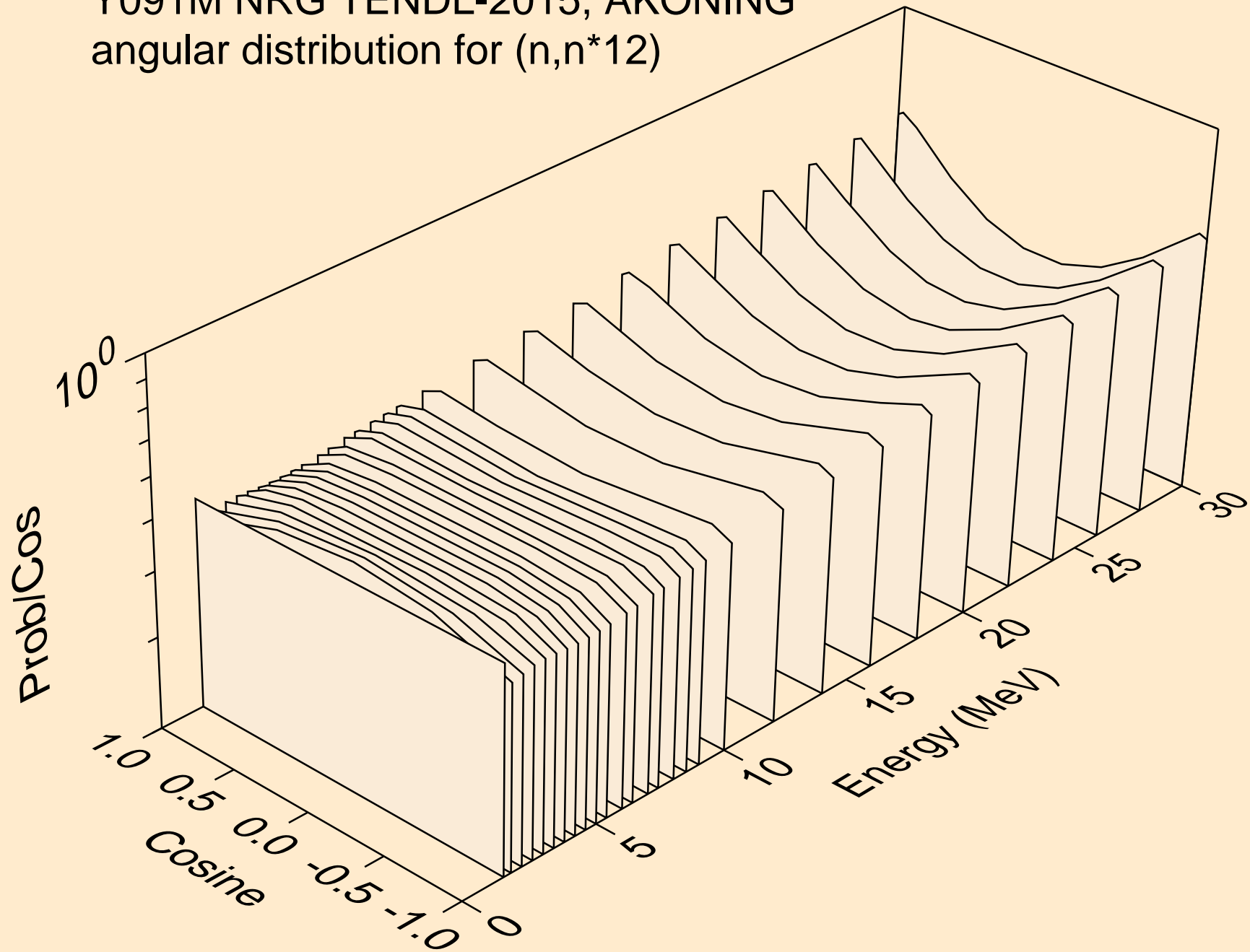
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angular distribution for (n,n\*10)



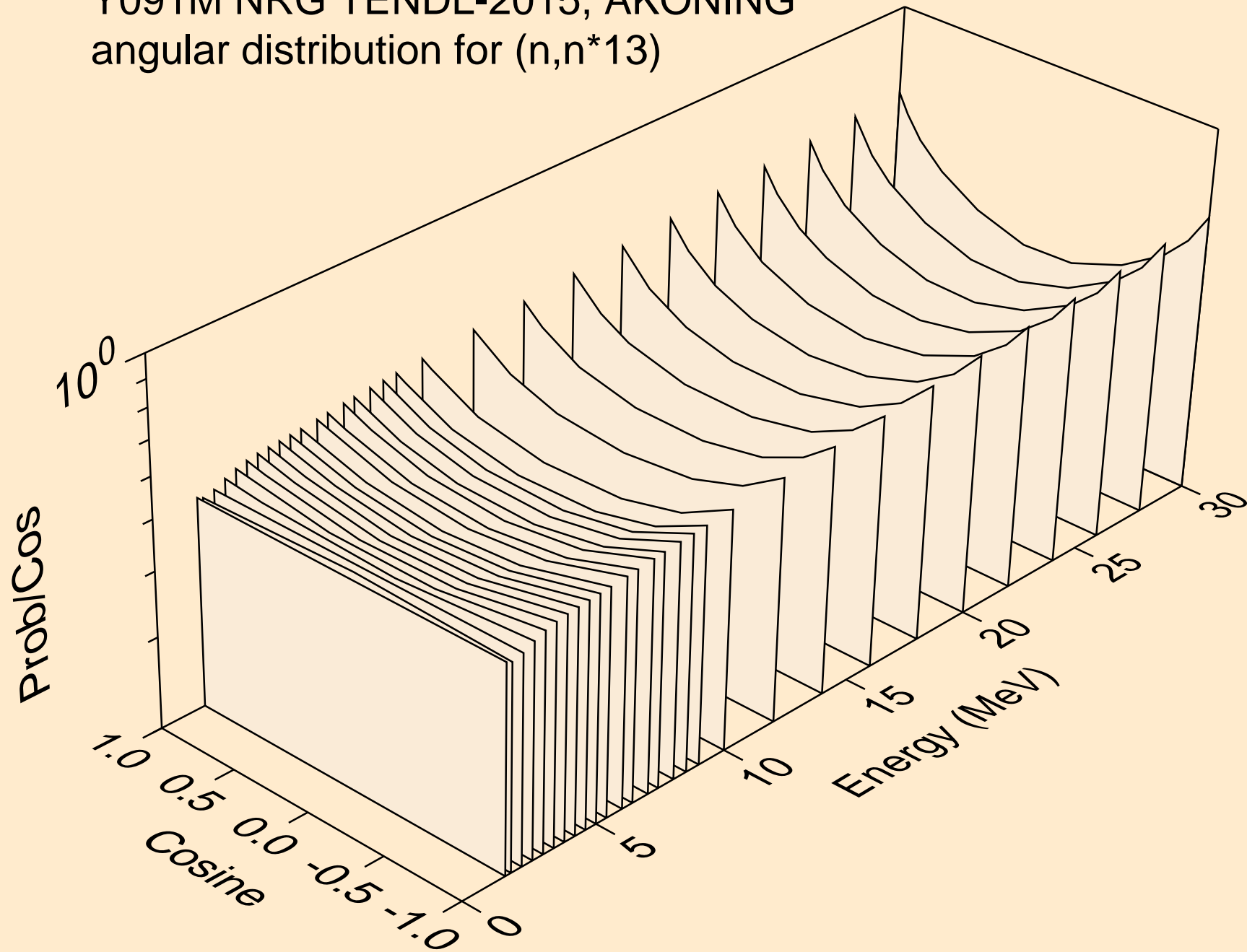
Y091M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



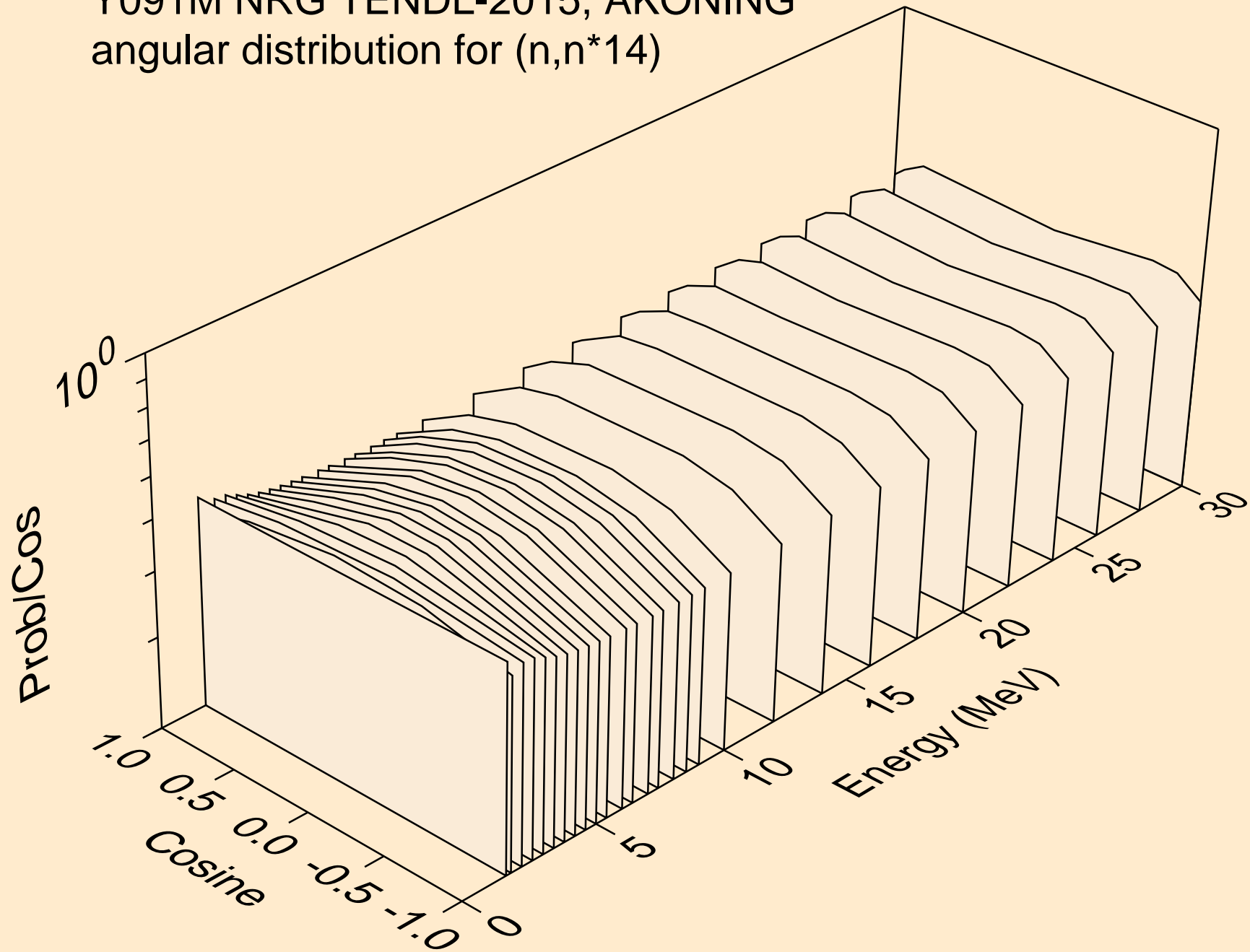
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angular distribution for (n,n\*12)



Y091M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

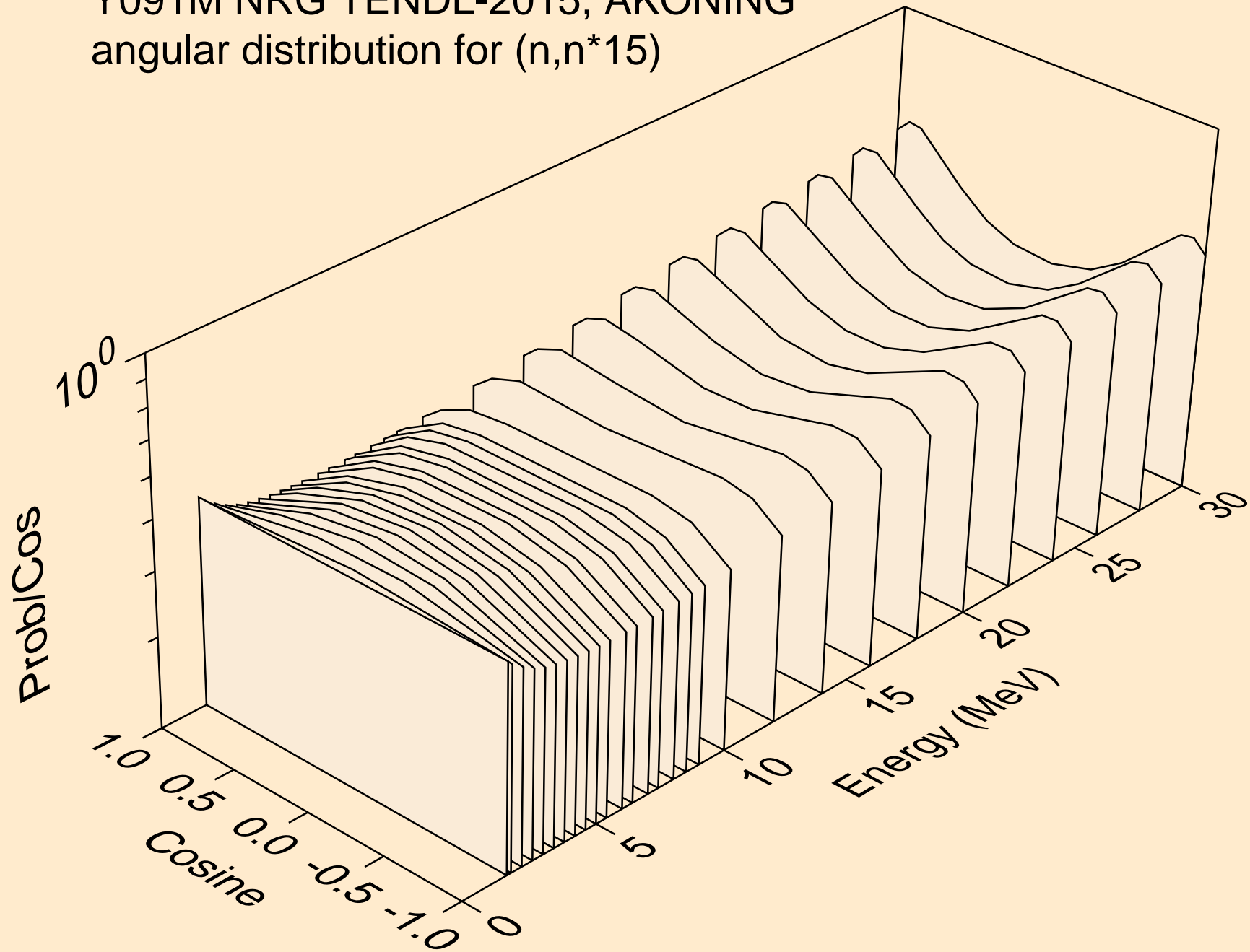


Y091M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

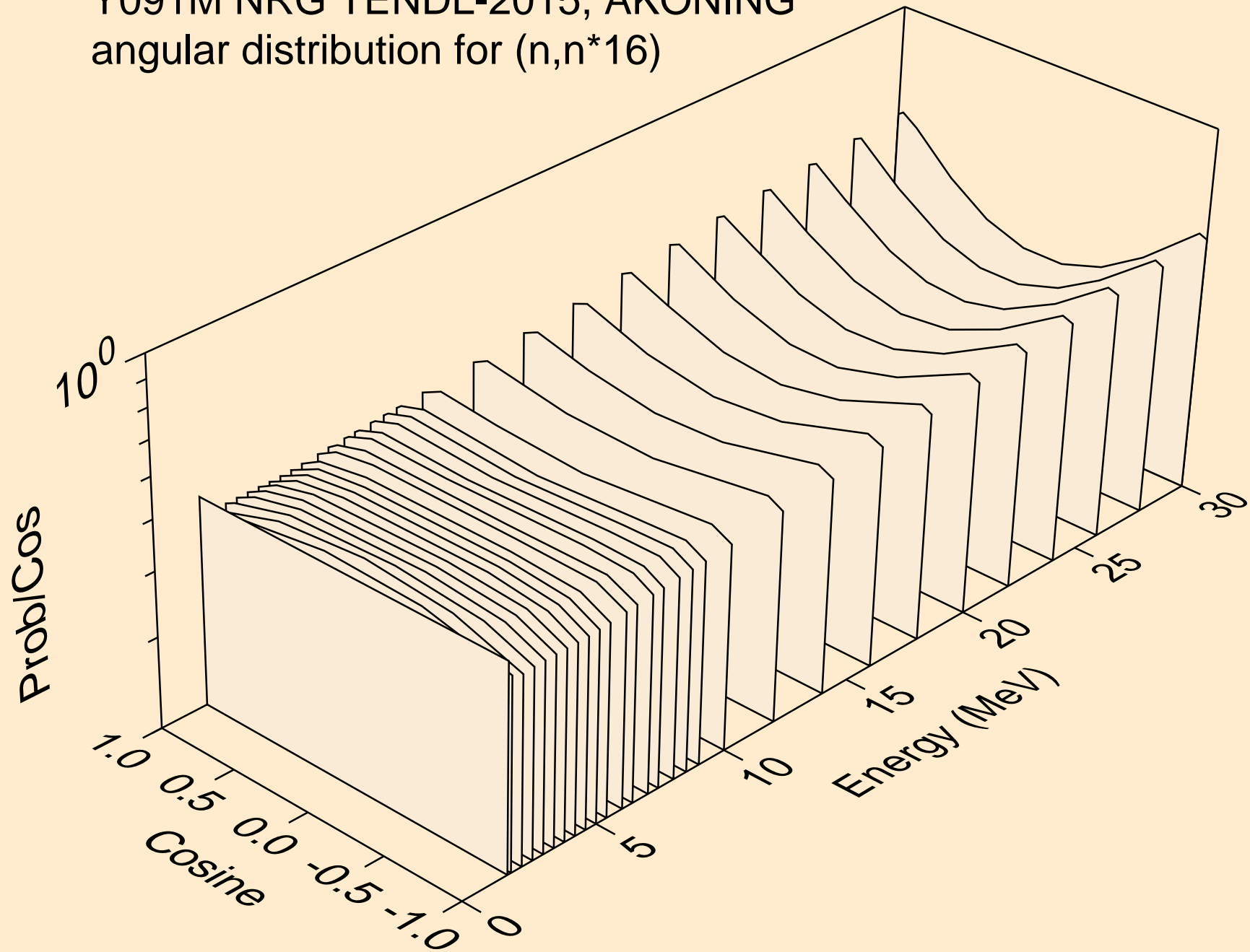




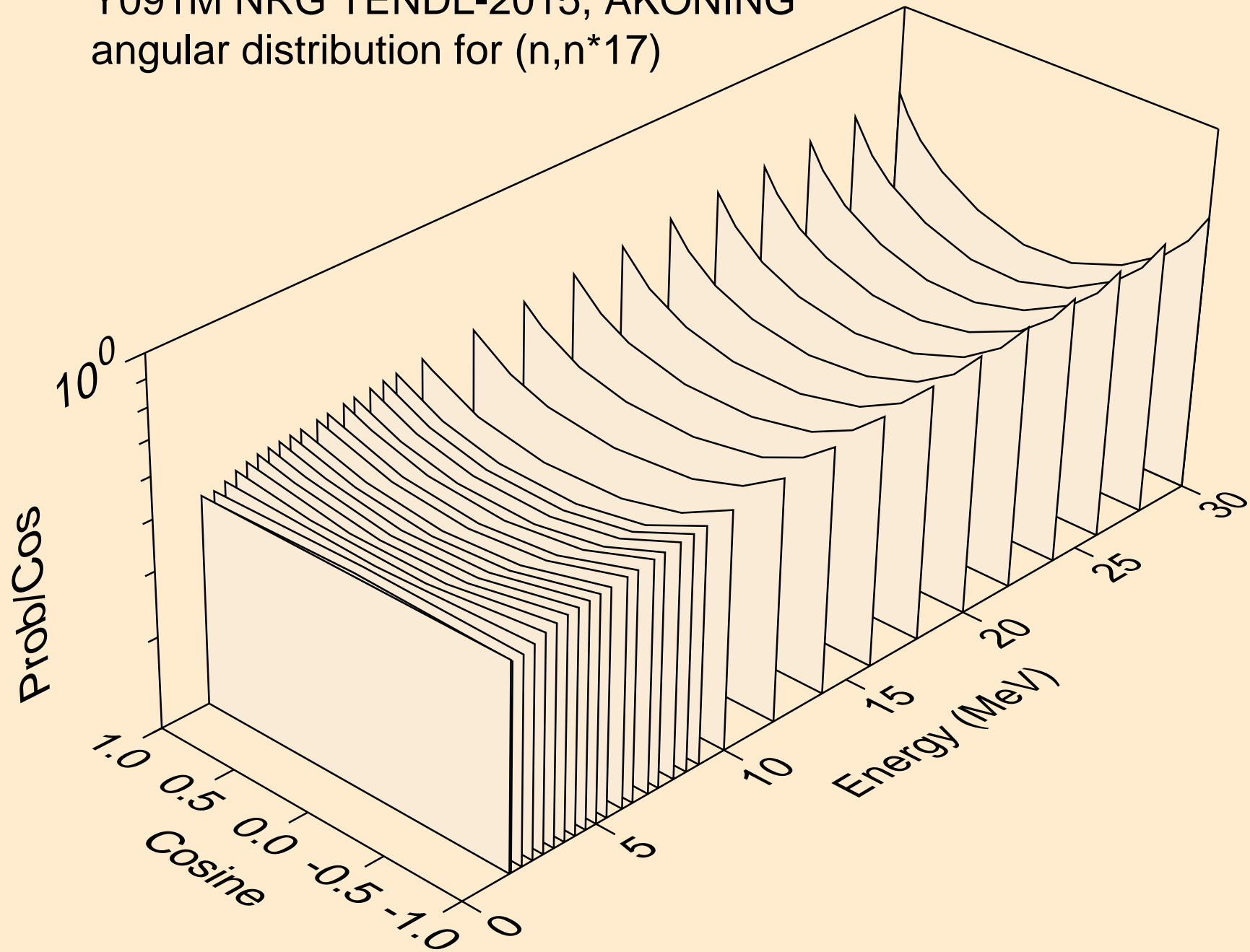
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angular distribution for (n,n\*15)



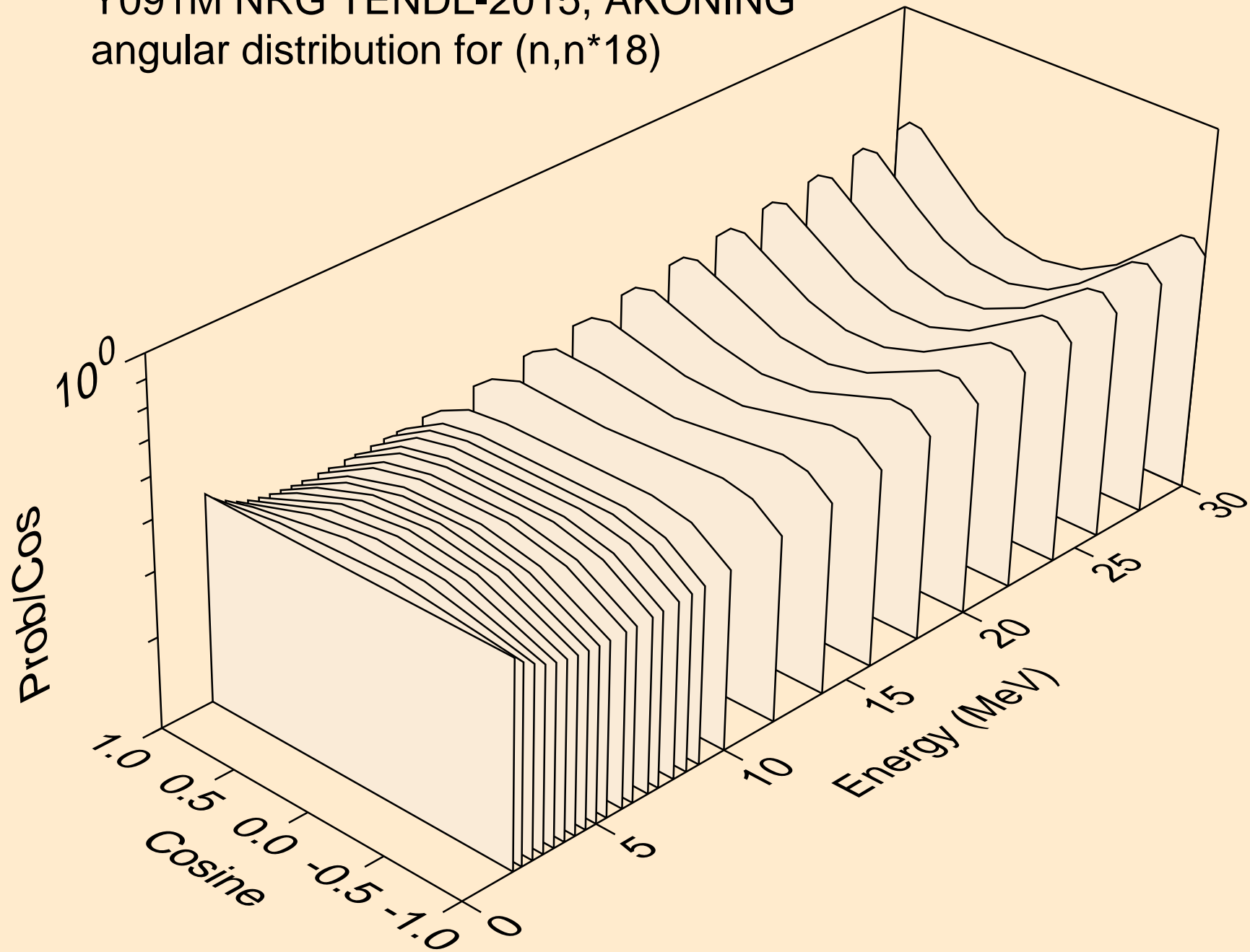
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angular distribution for (n,n\*16)



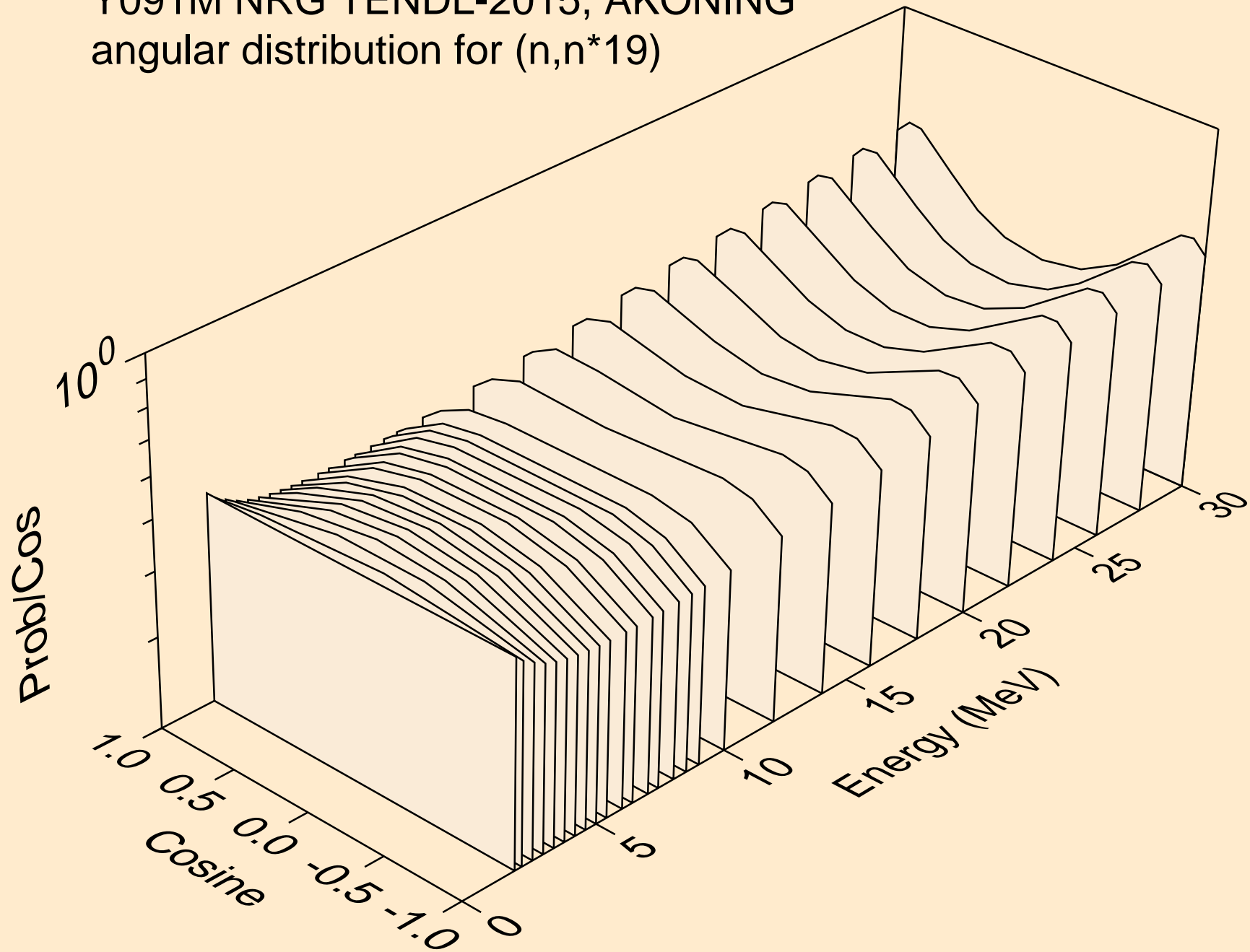
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angular distribution for (n,n\*17)



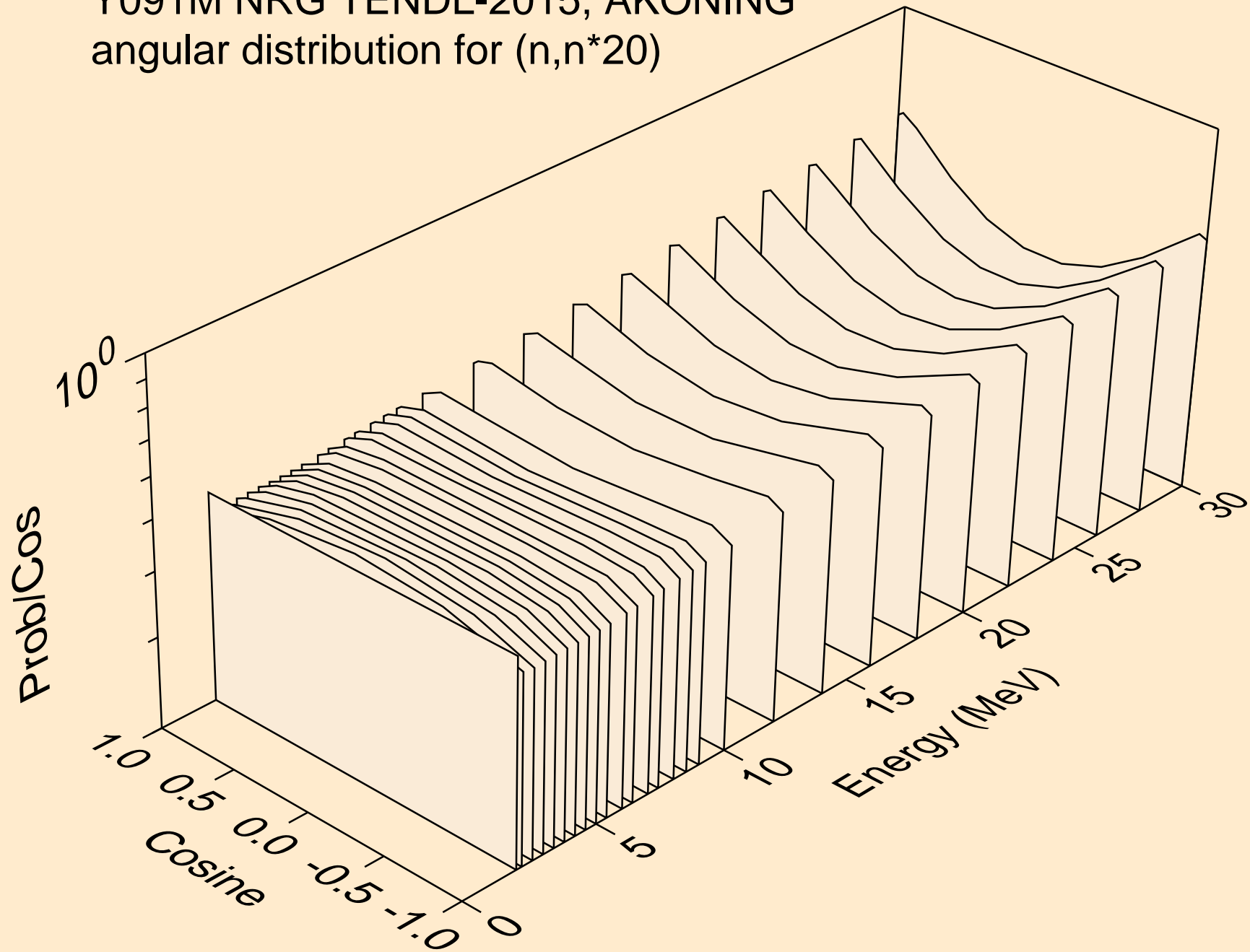
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angular distribution for (n,n\*18)



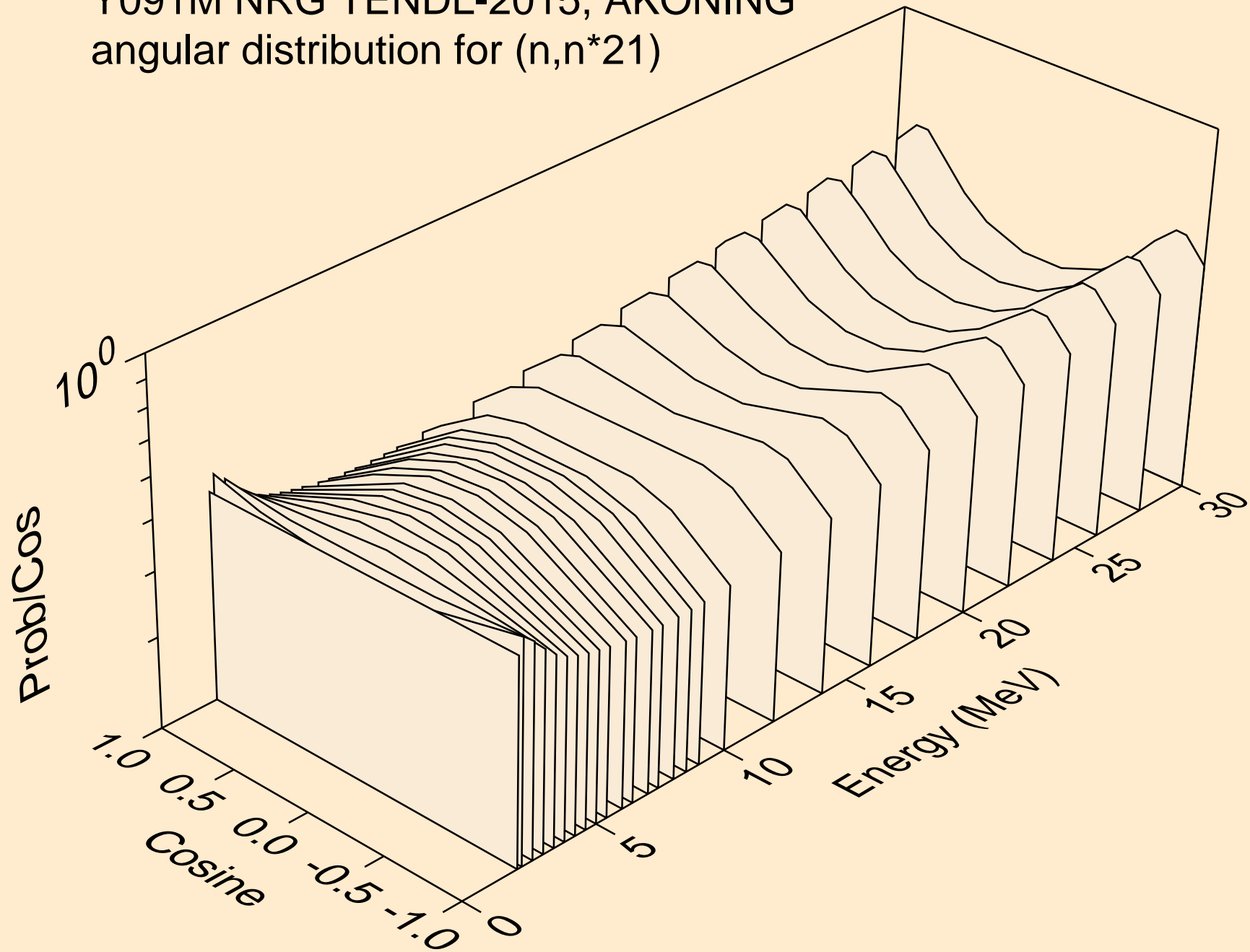
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angular distribution for (n,n\*19)



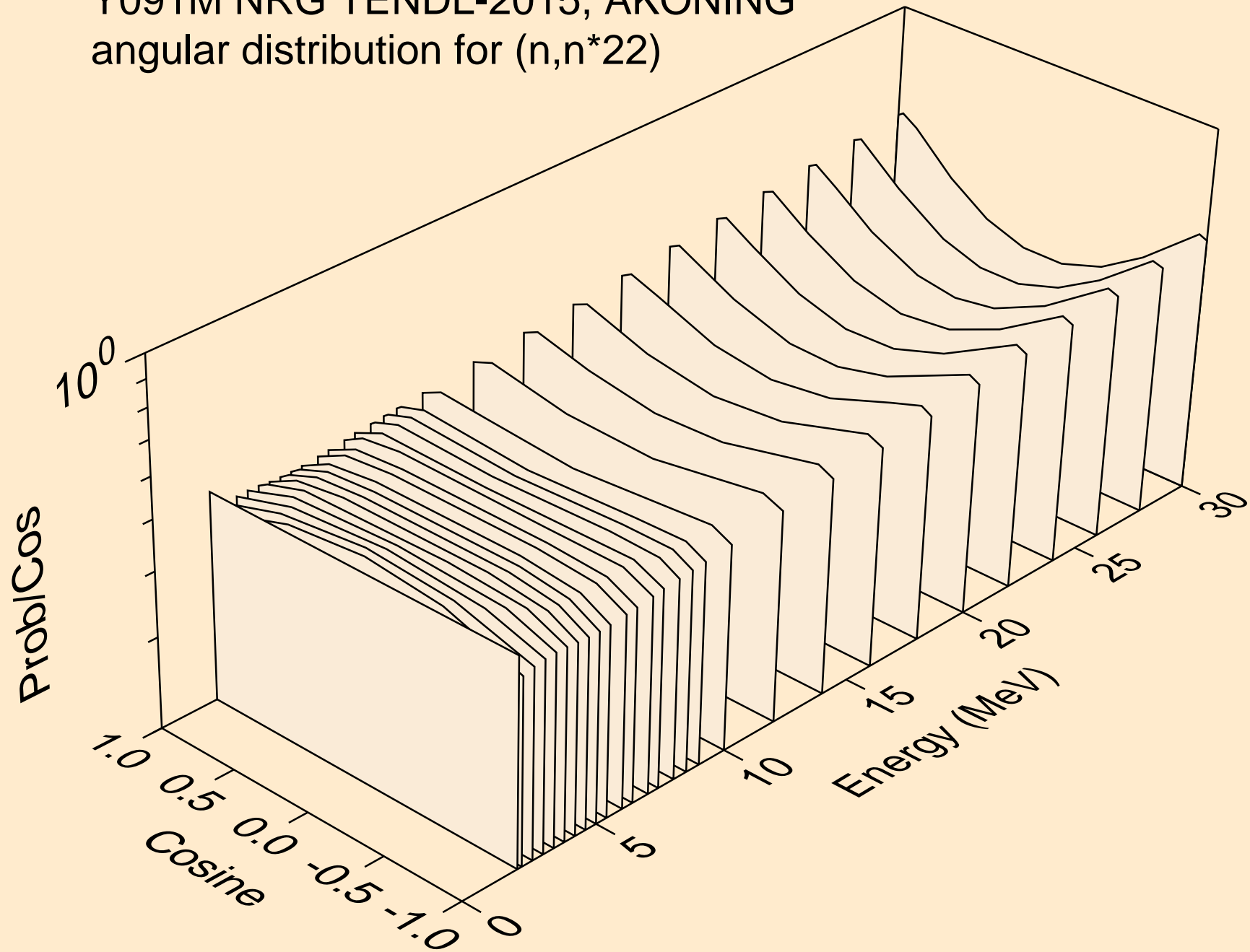
Y091M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



Y091M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

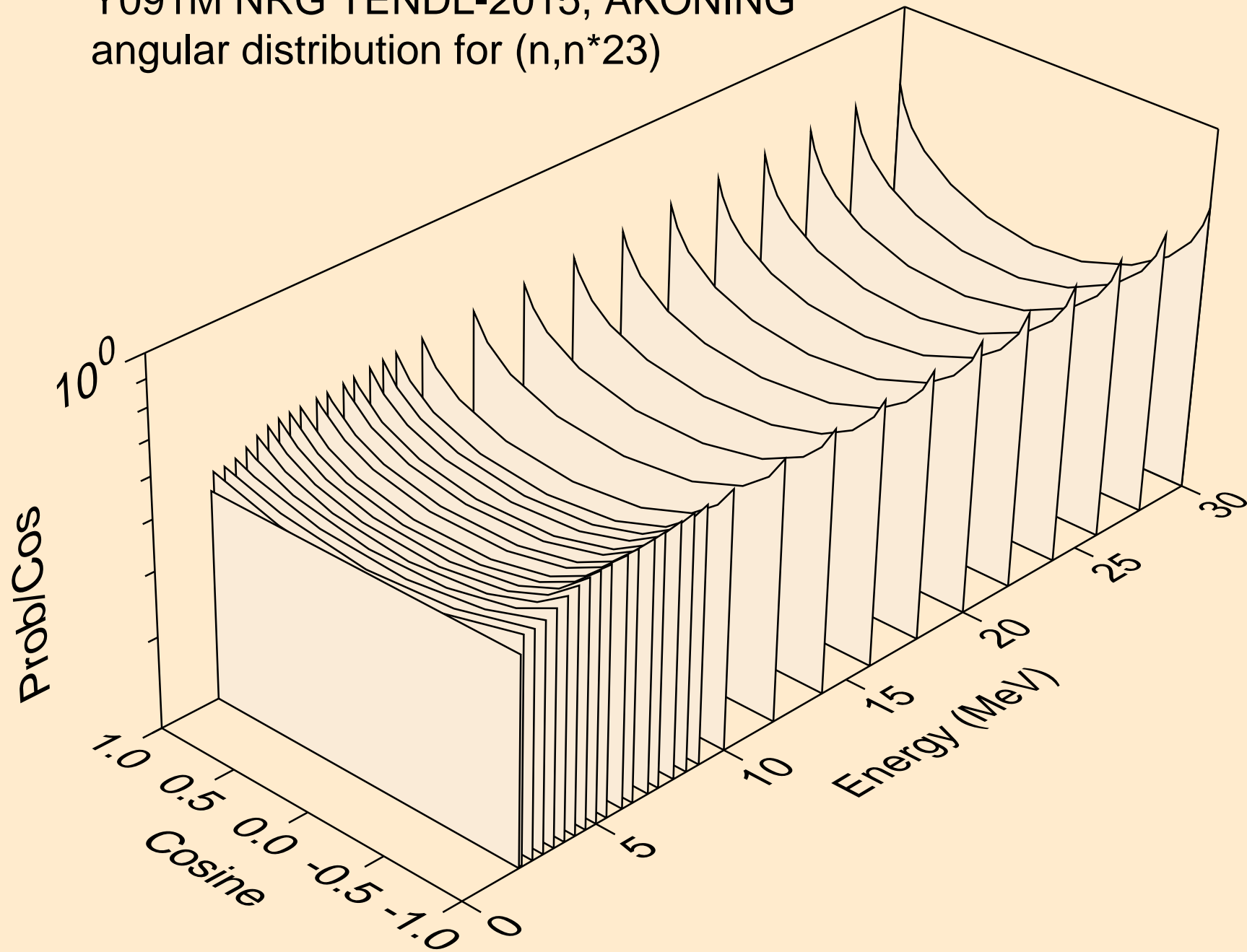


Y091M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

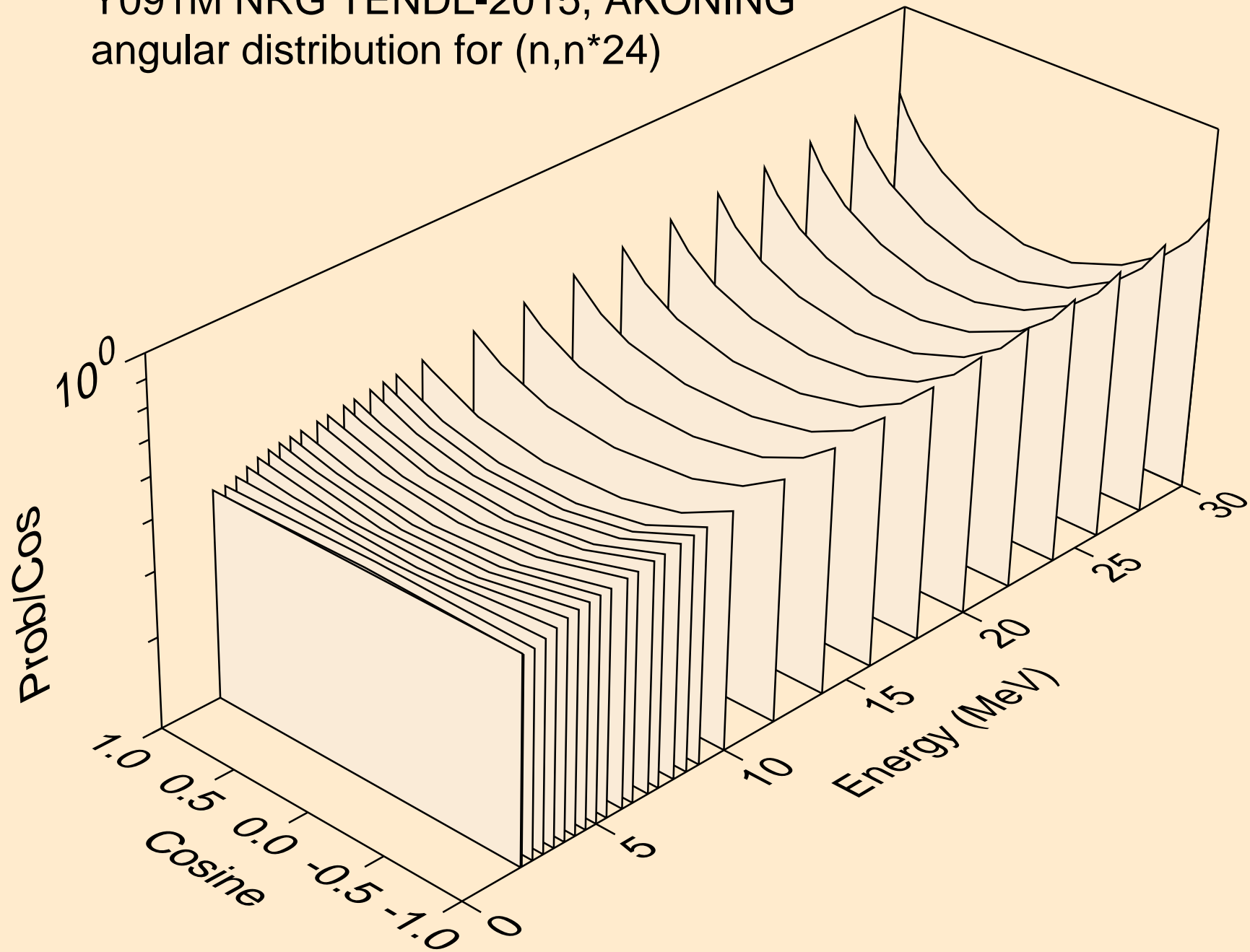




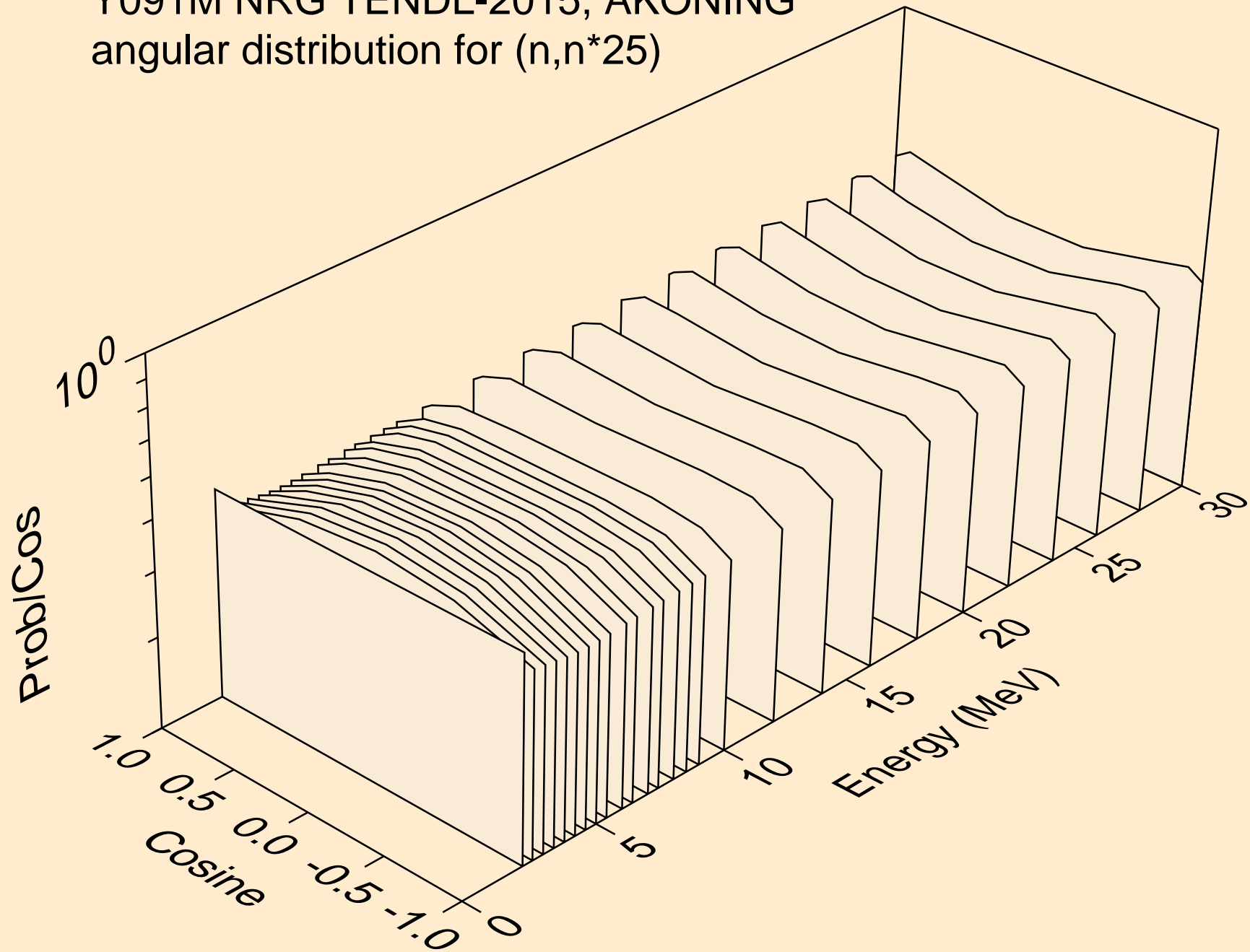
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angular distribution for (n,n\*23)



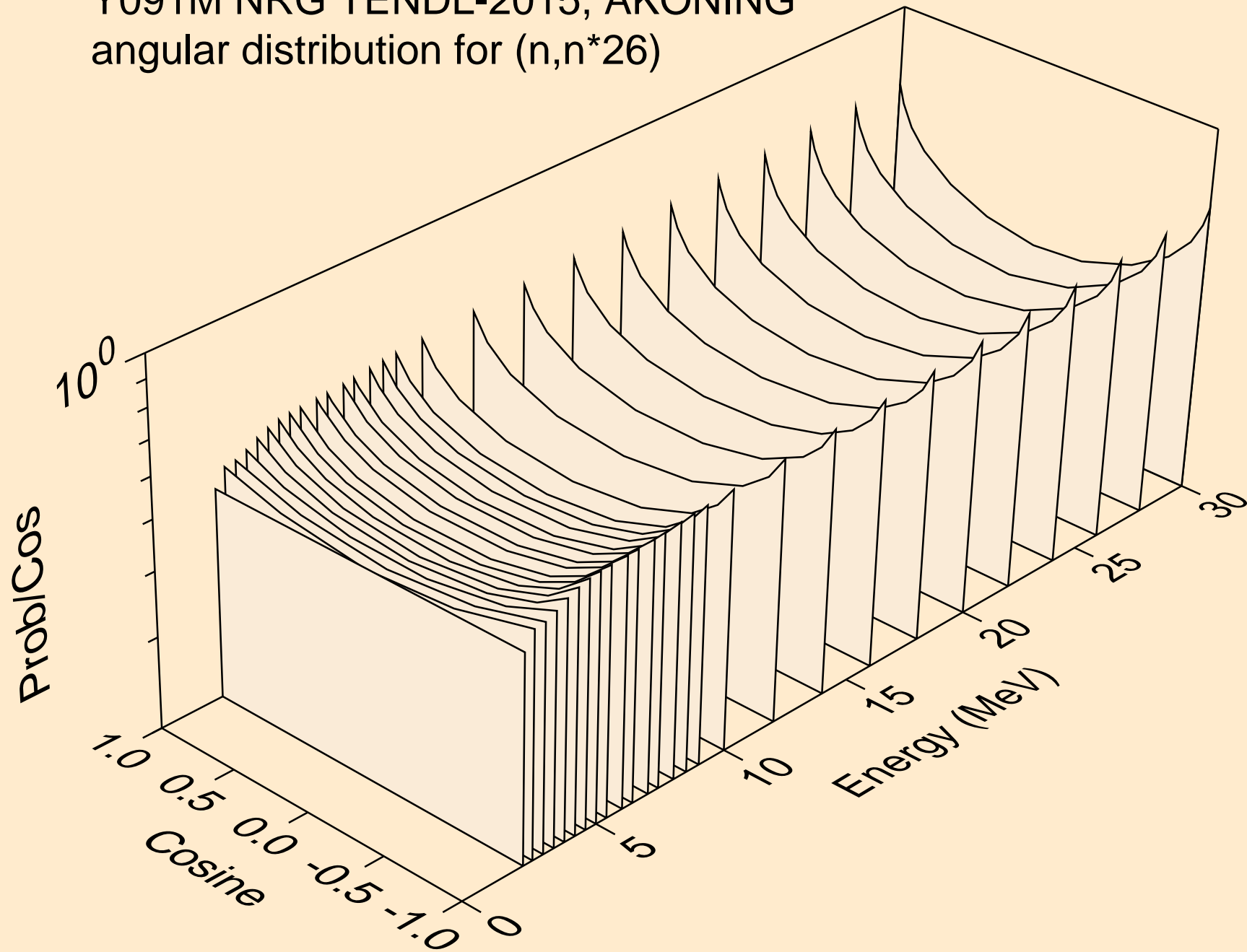
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angular distribution for (n,n\*24)



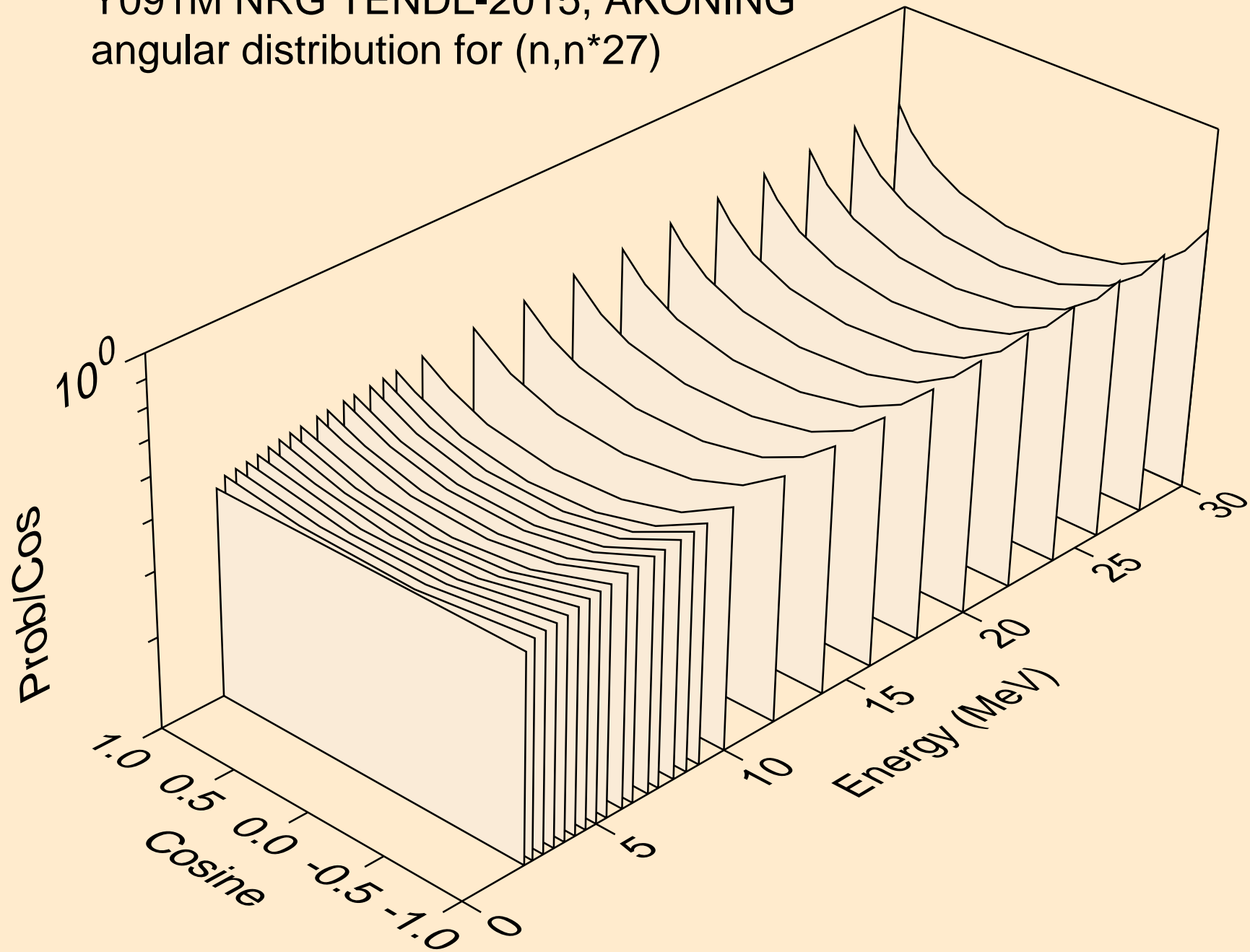
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angular distribution for (n,n\*25)



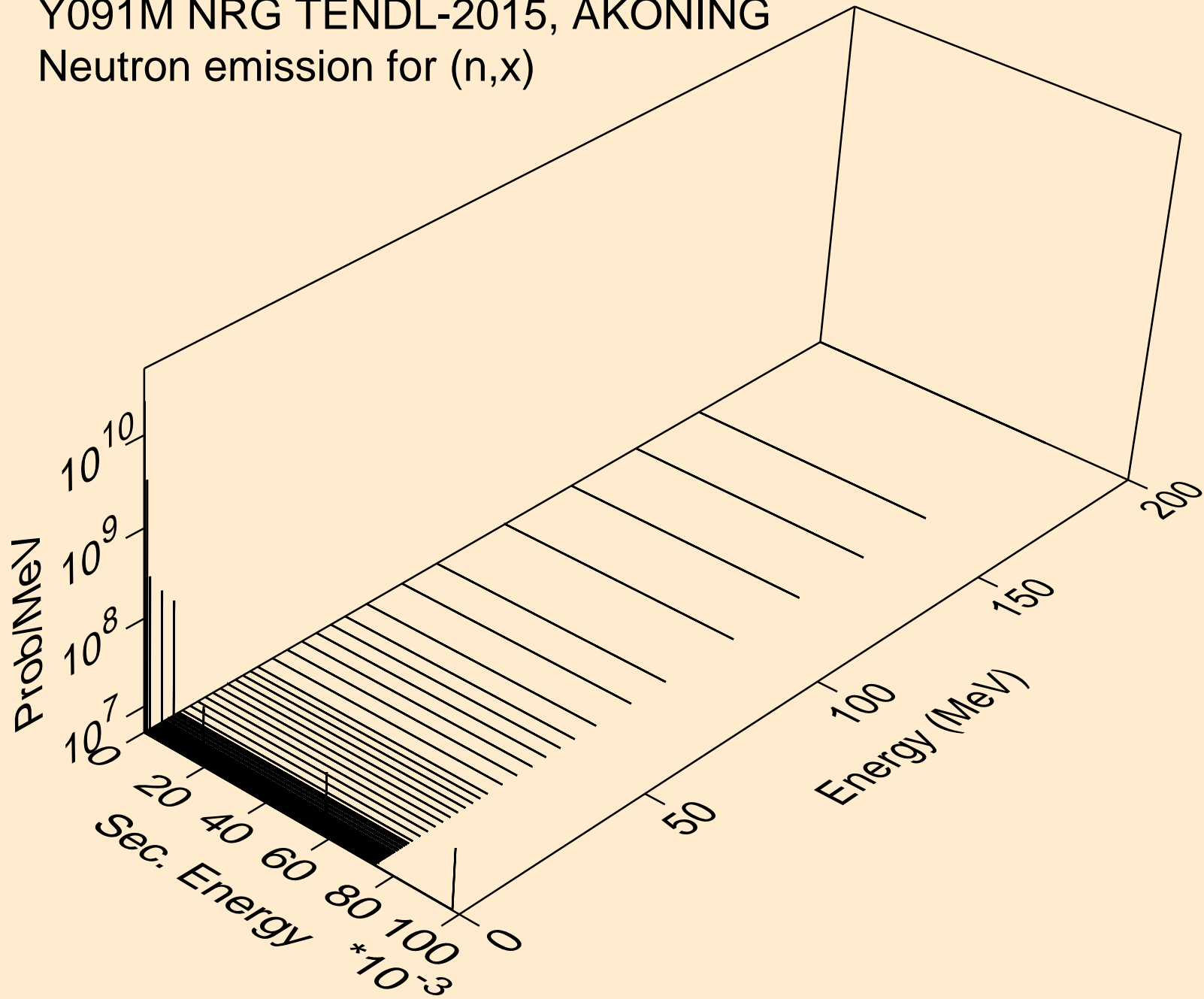
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angular distribution for (n,n\*26)



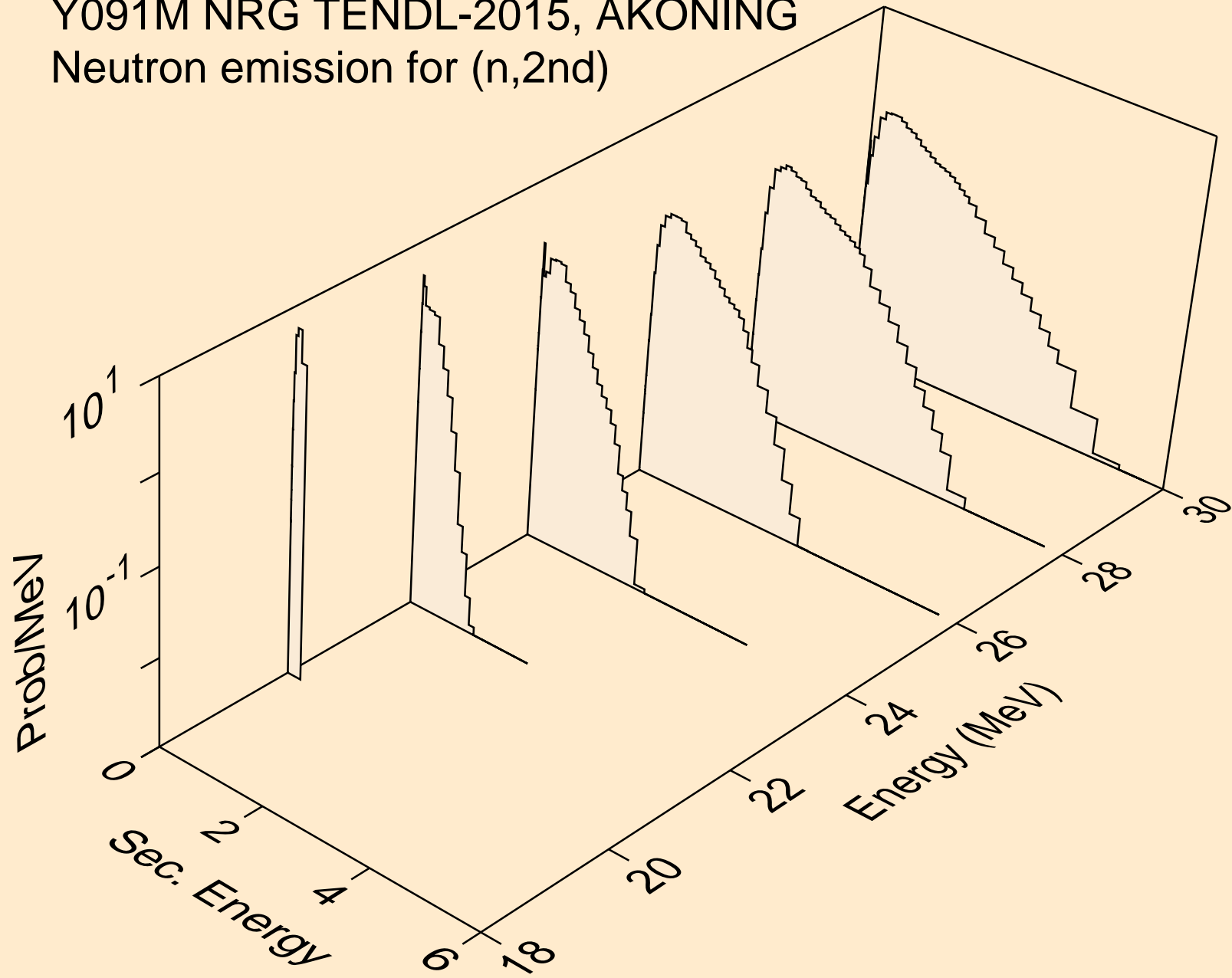
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angular distribution for (n,n\*27)



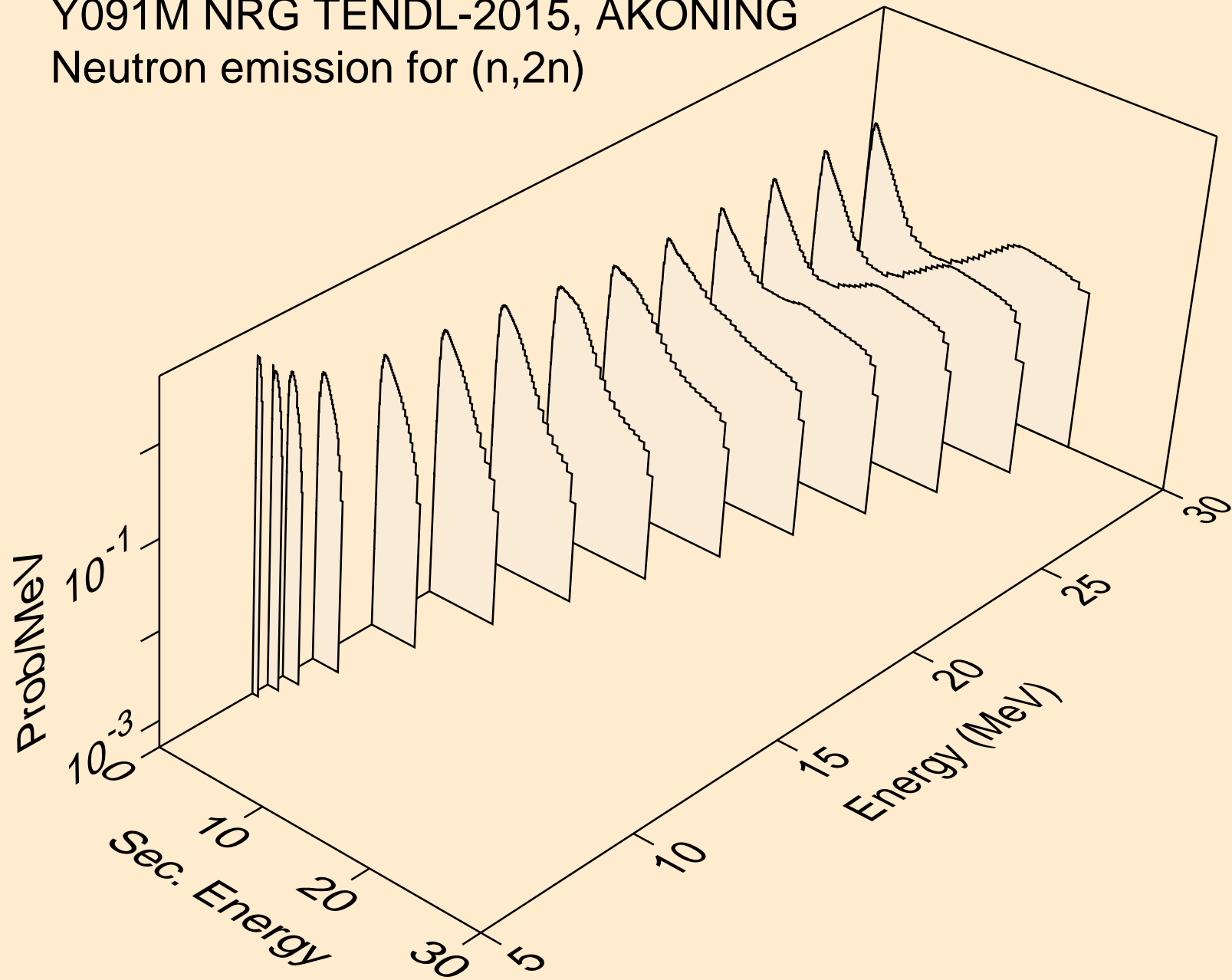
Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

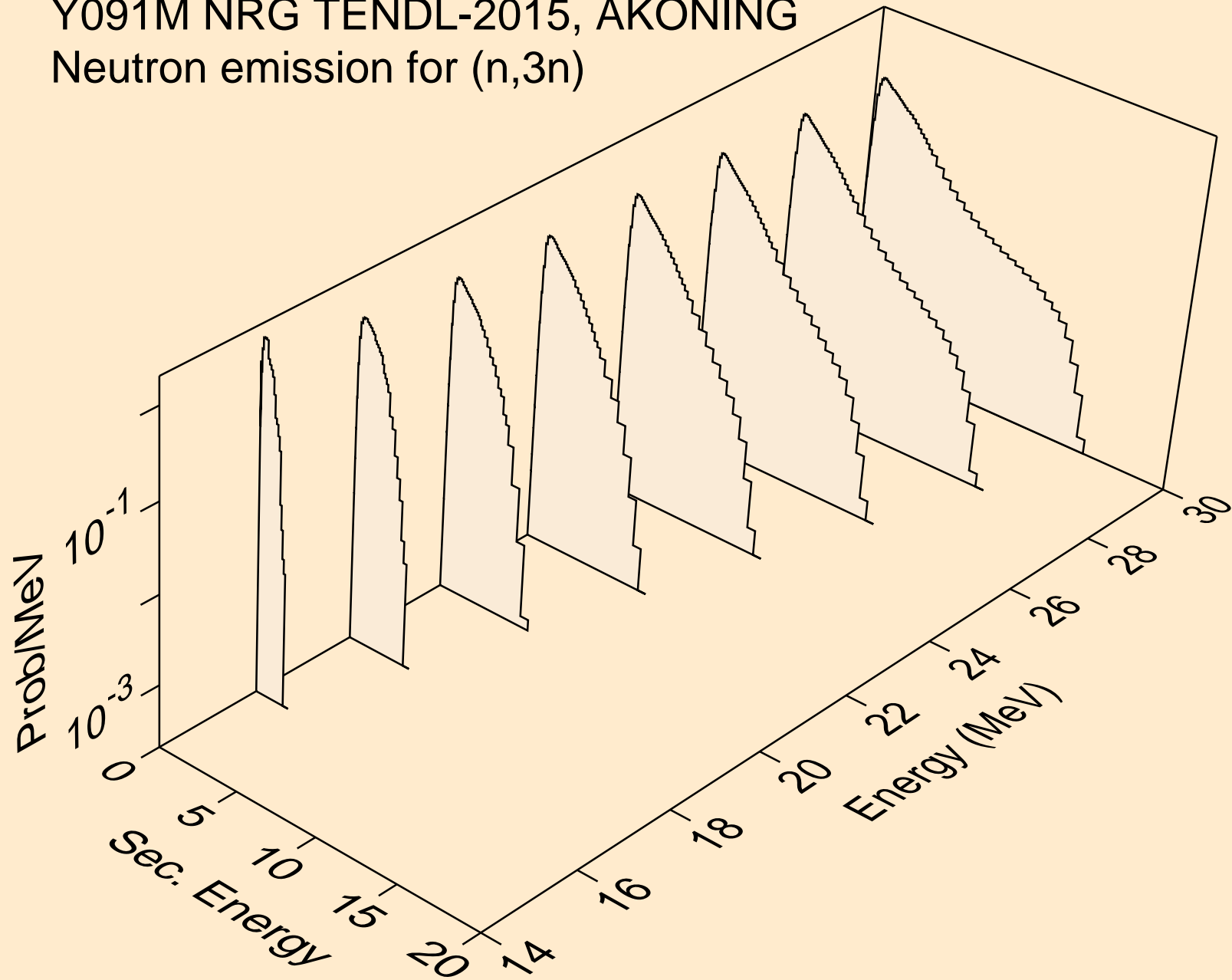


Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

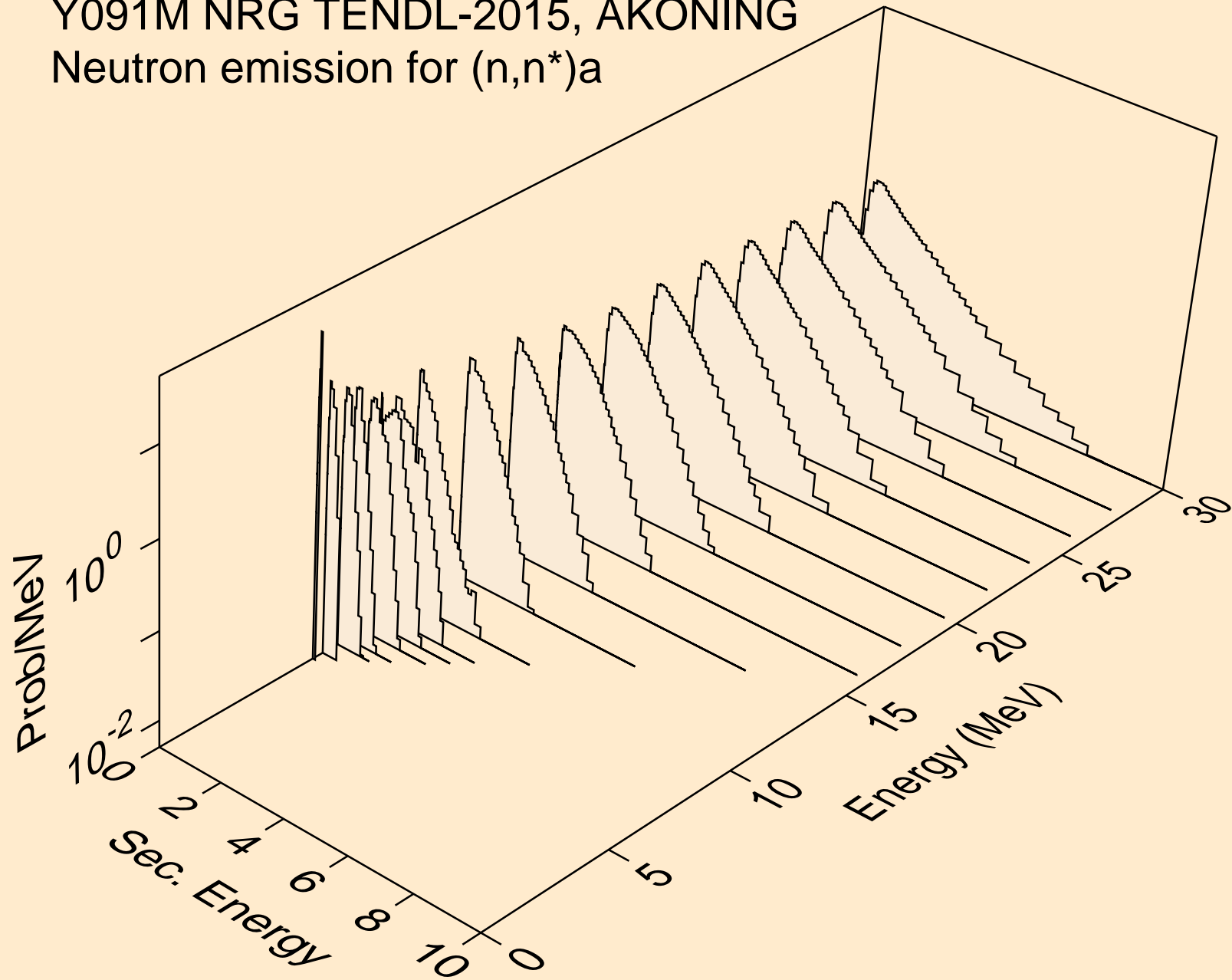




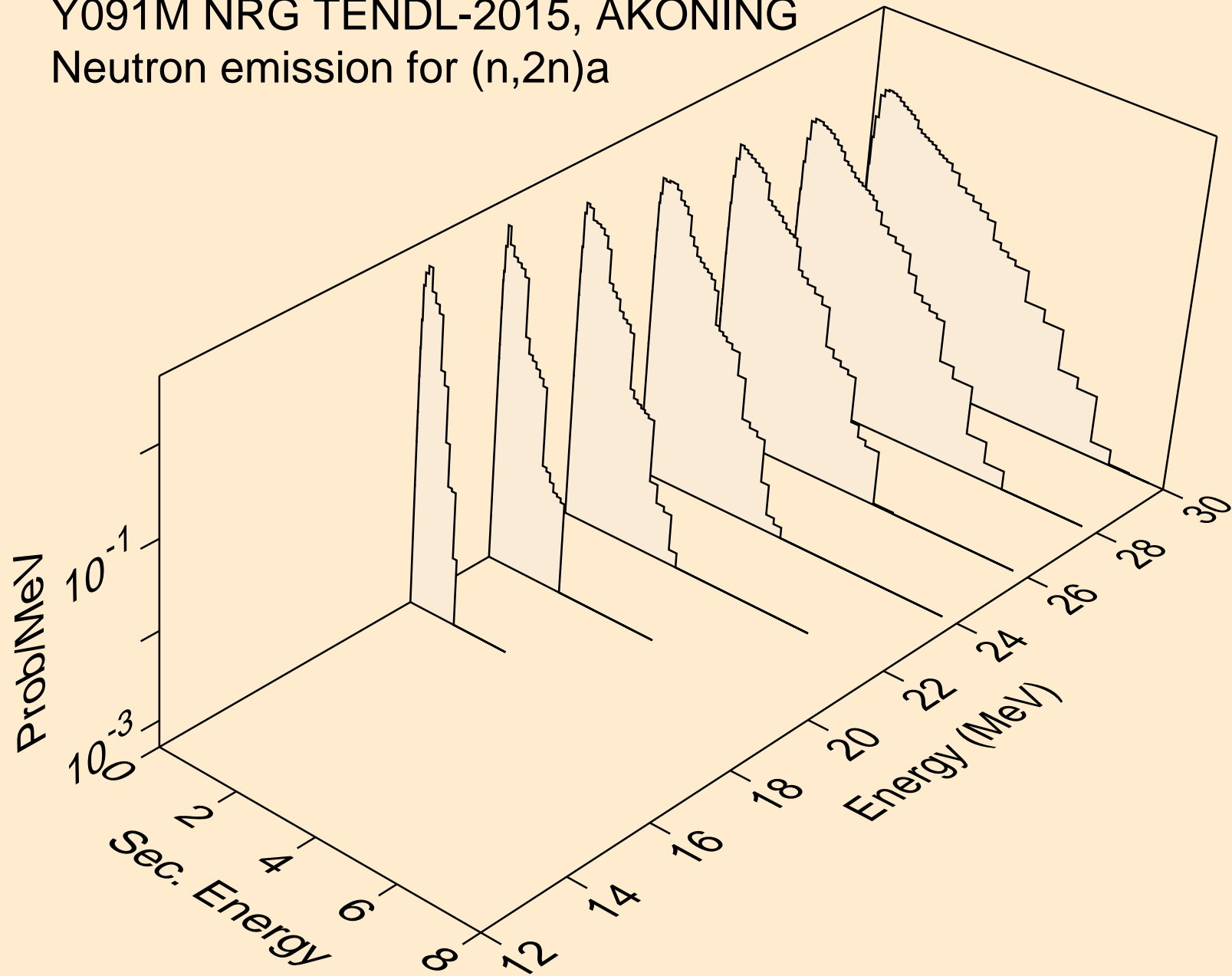
Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



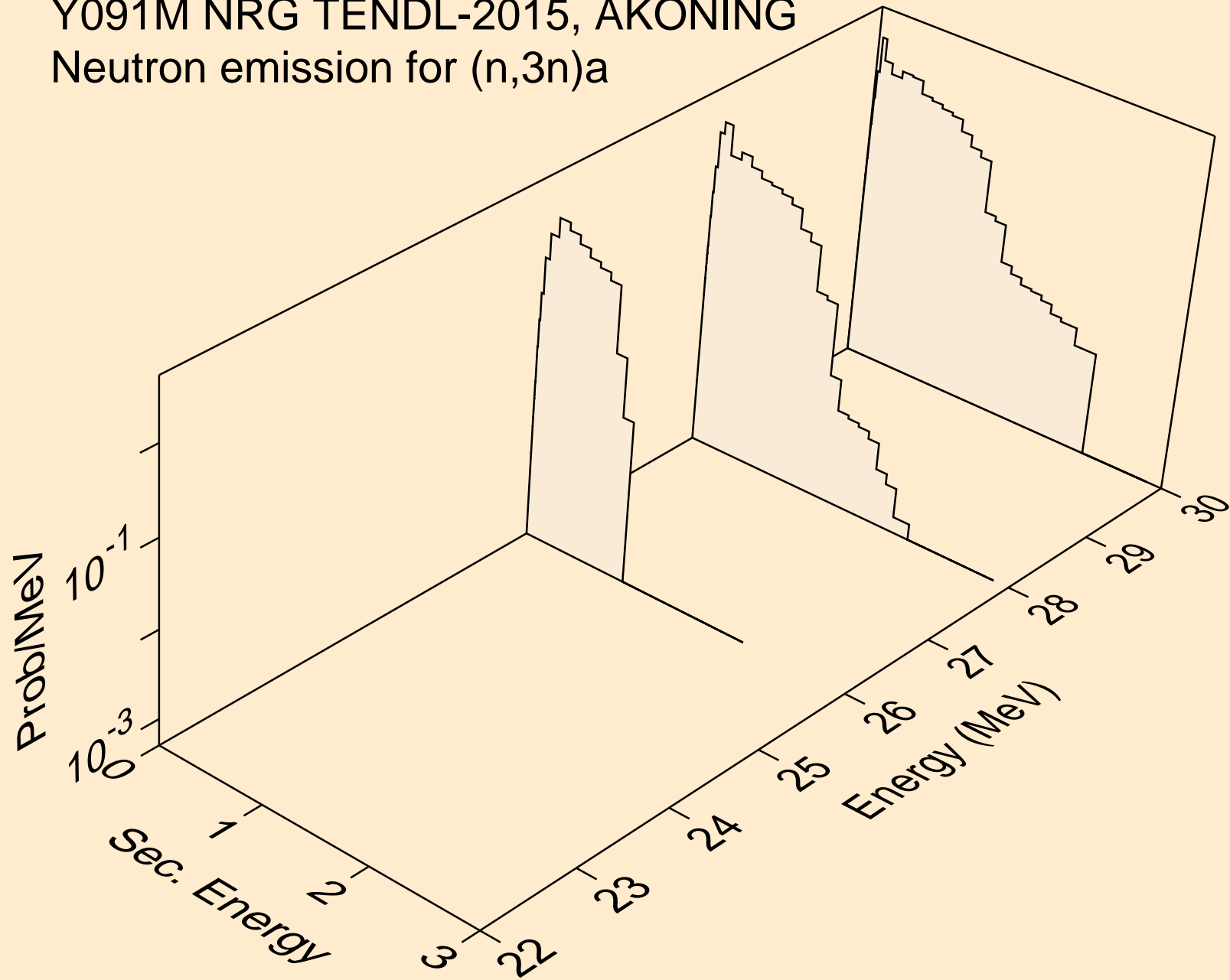
Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



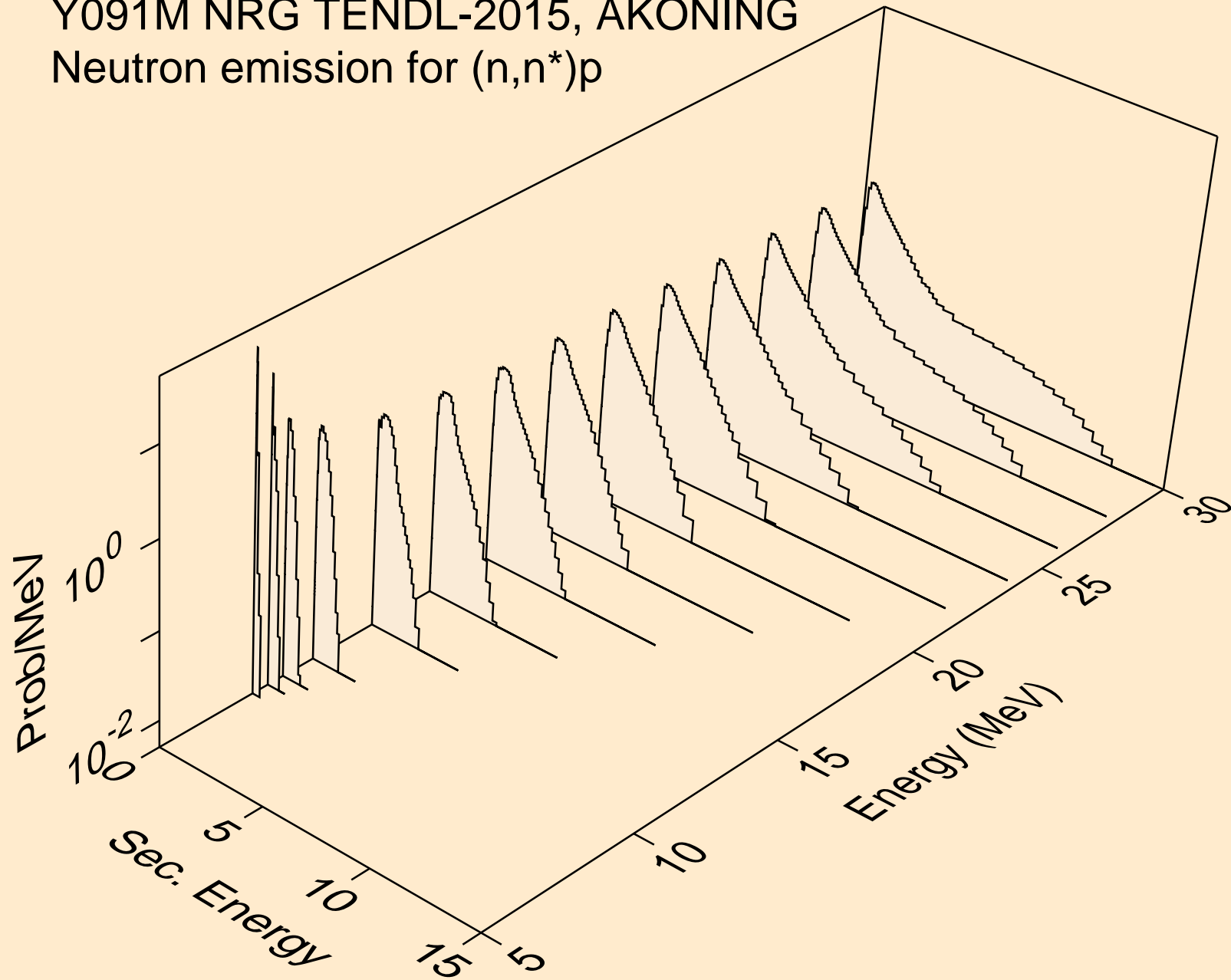
Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



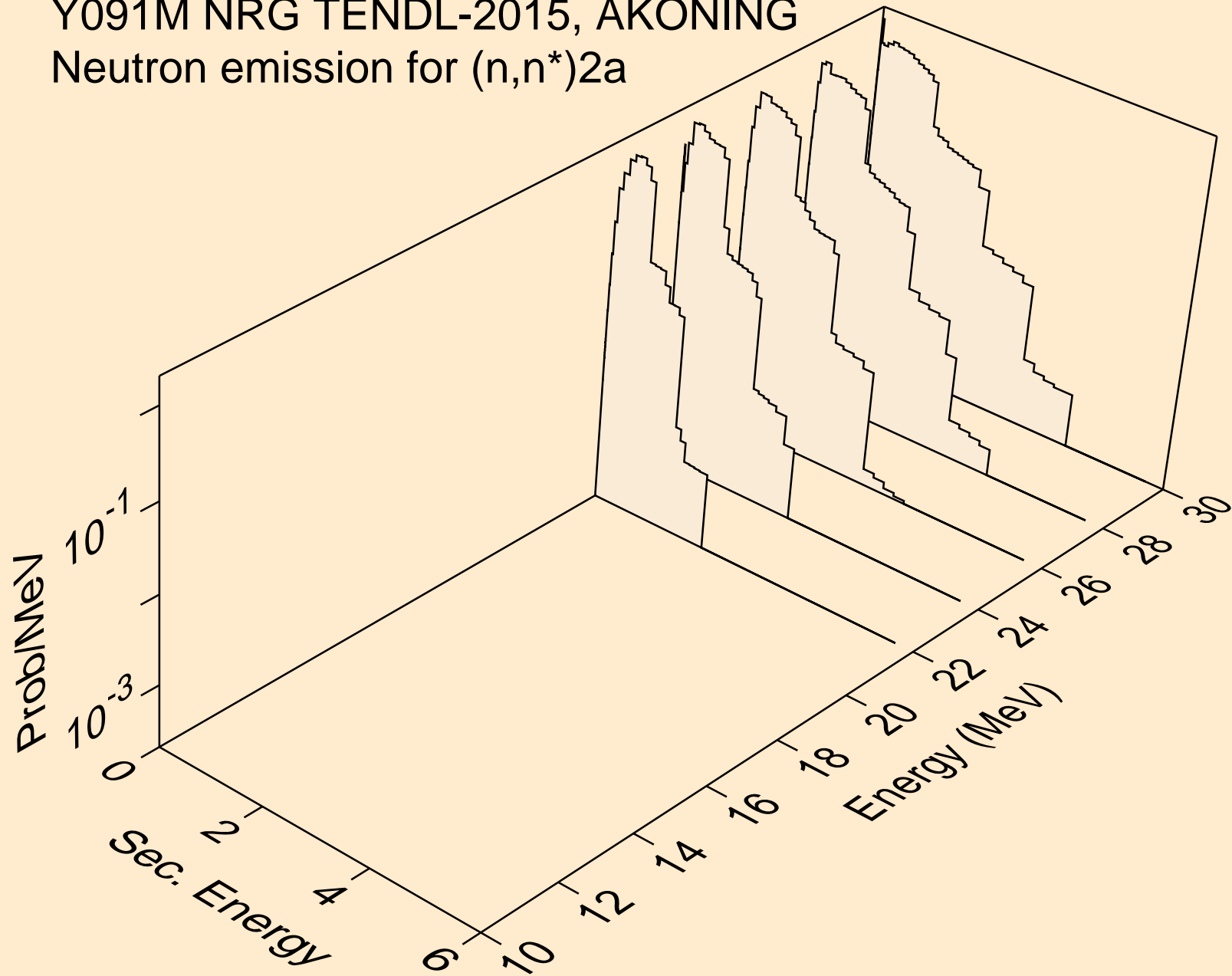
Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



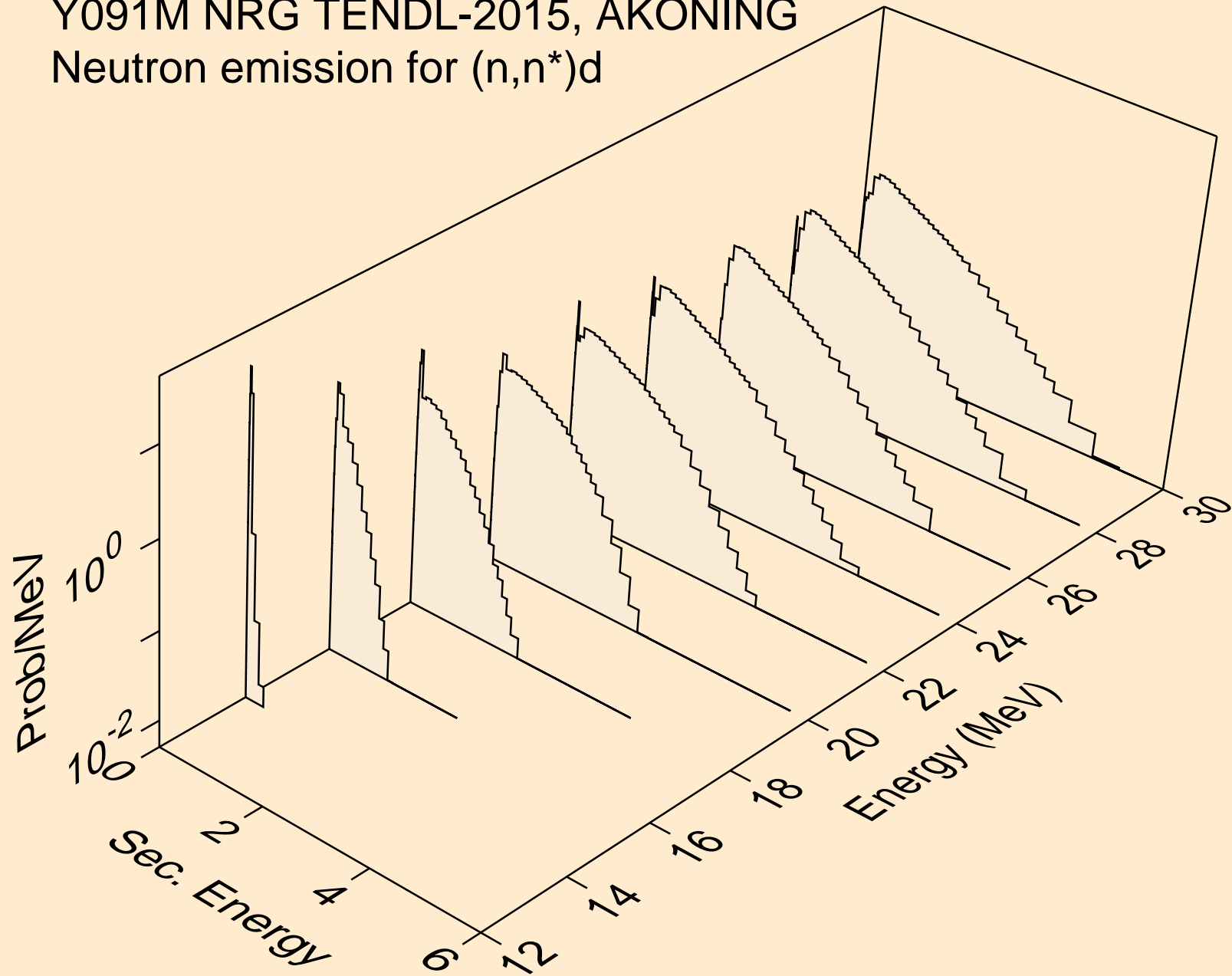
Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



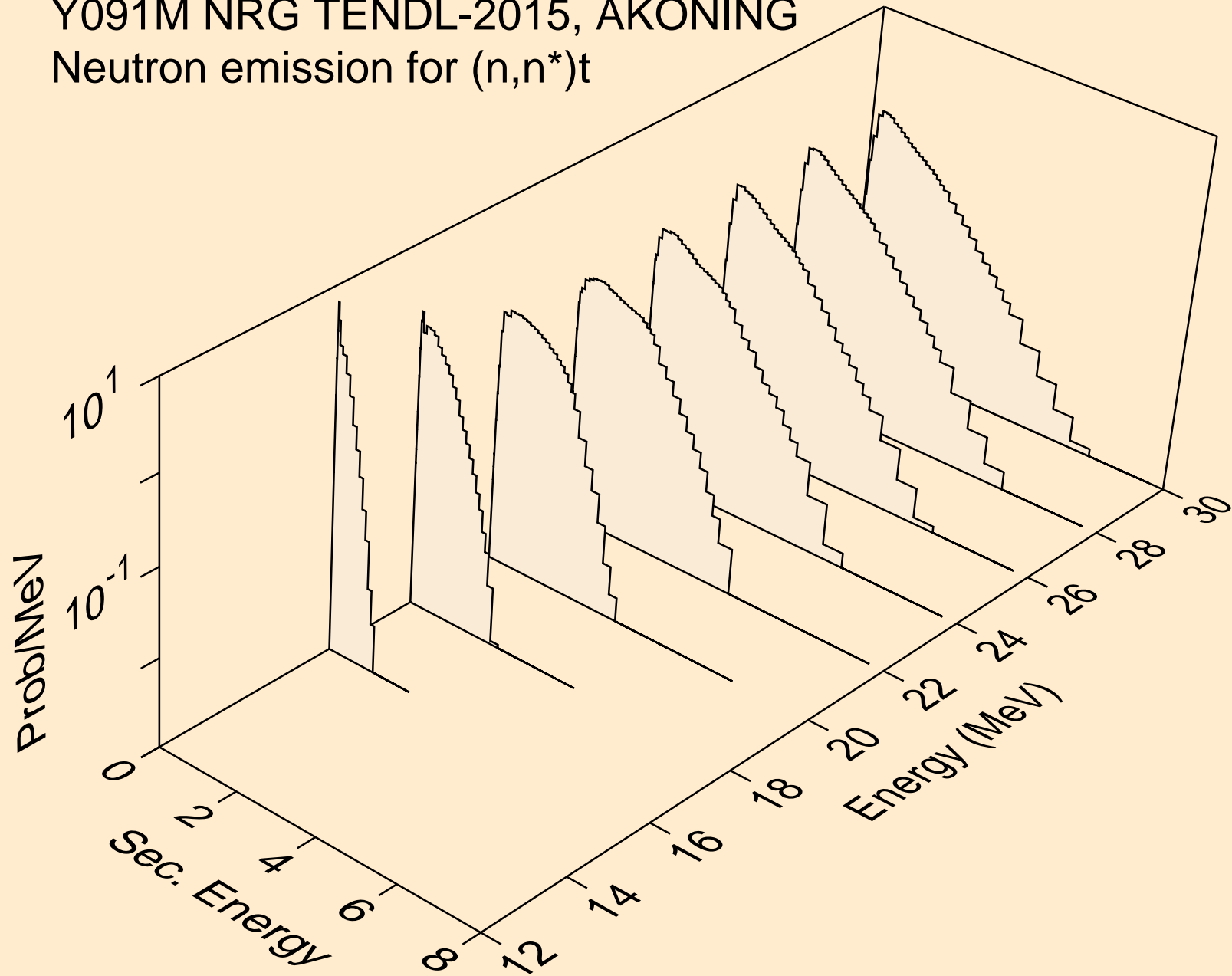
Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

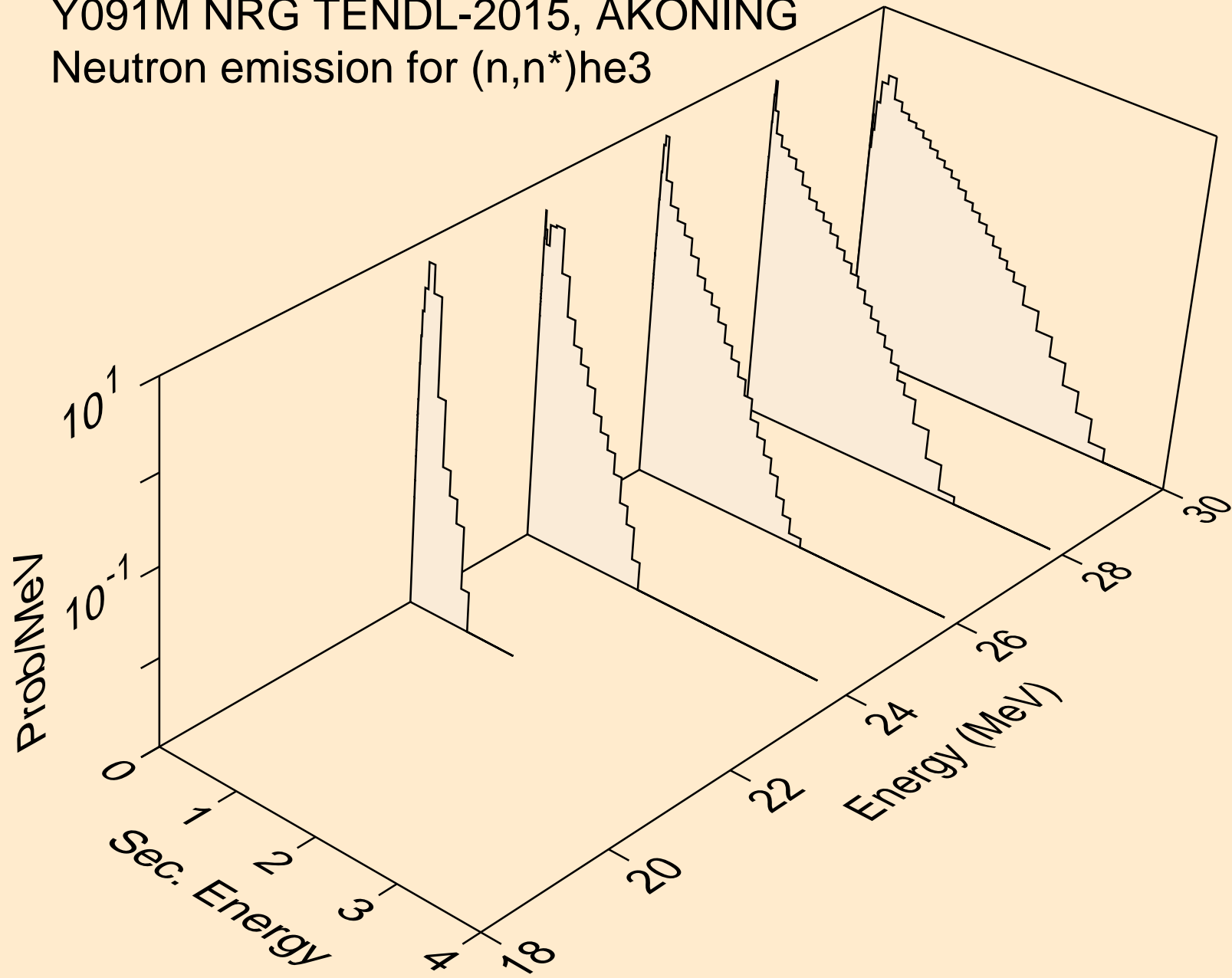


Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

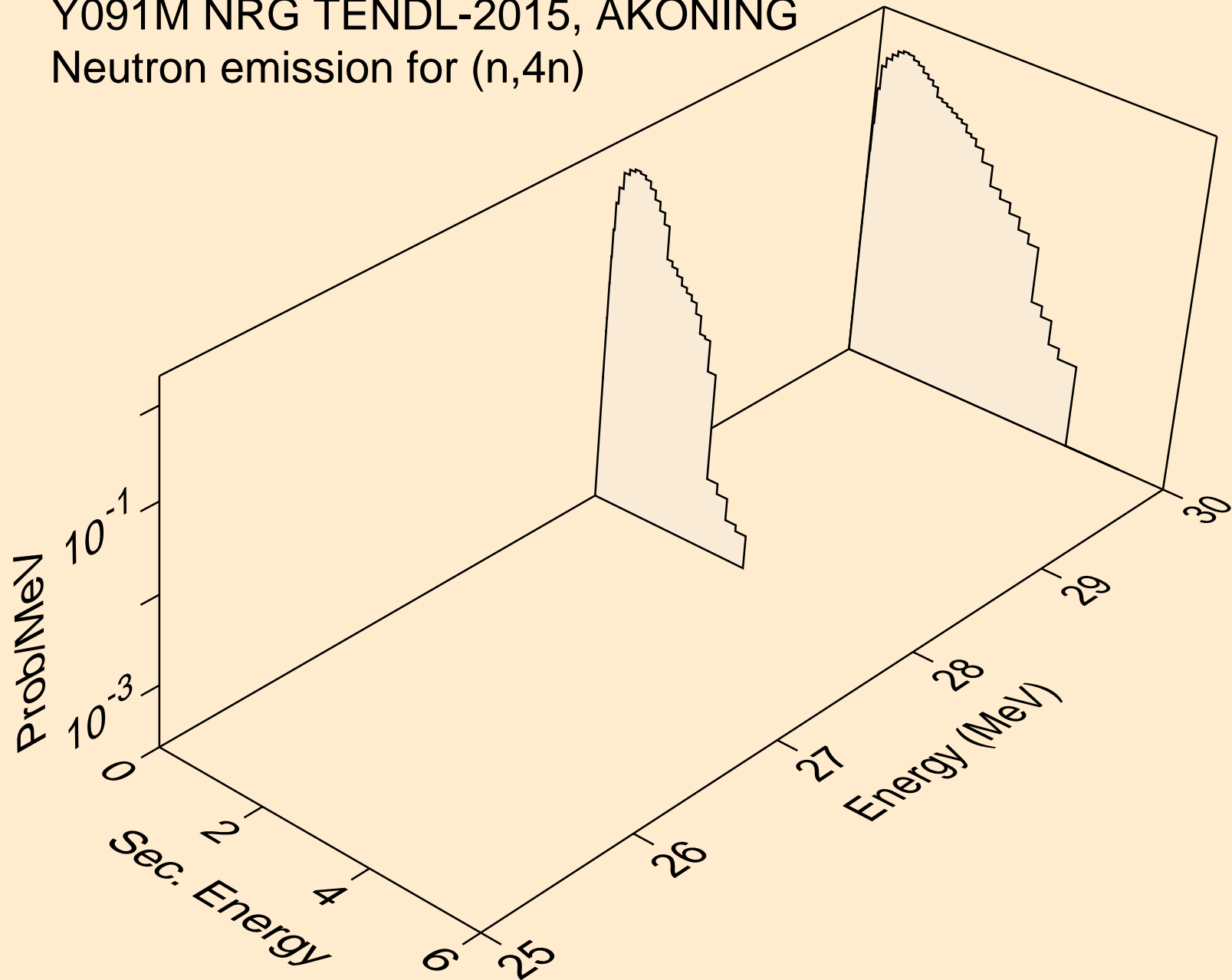




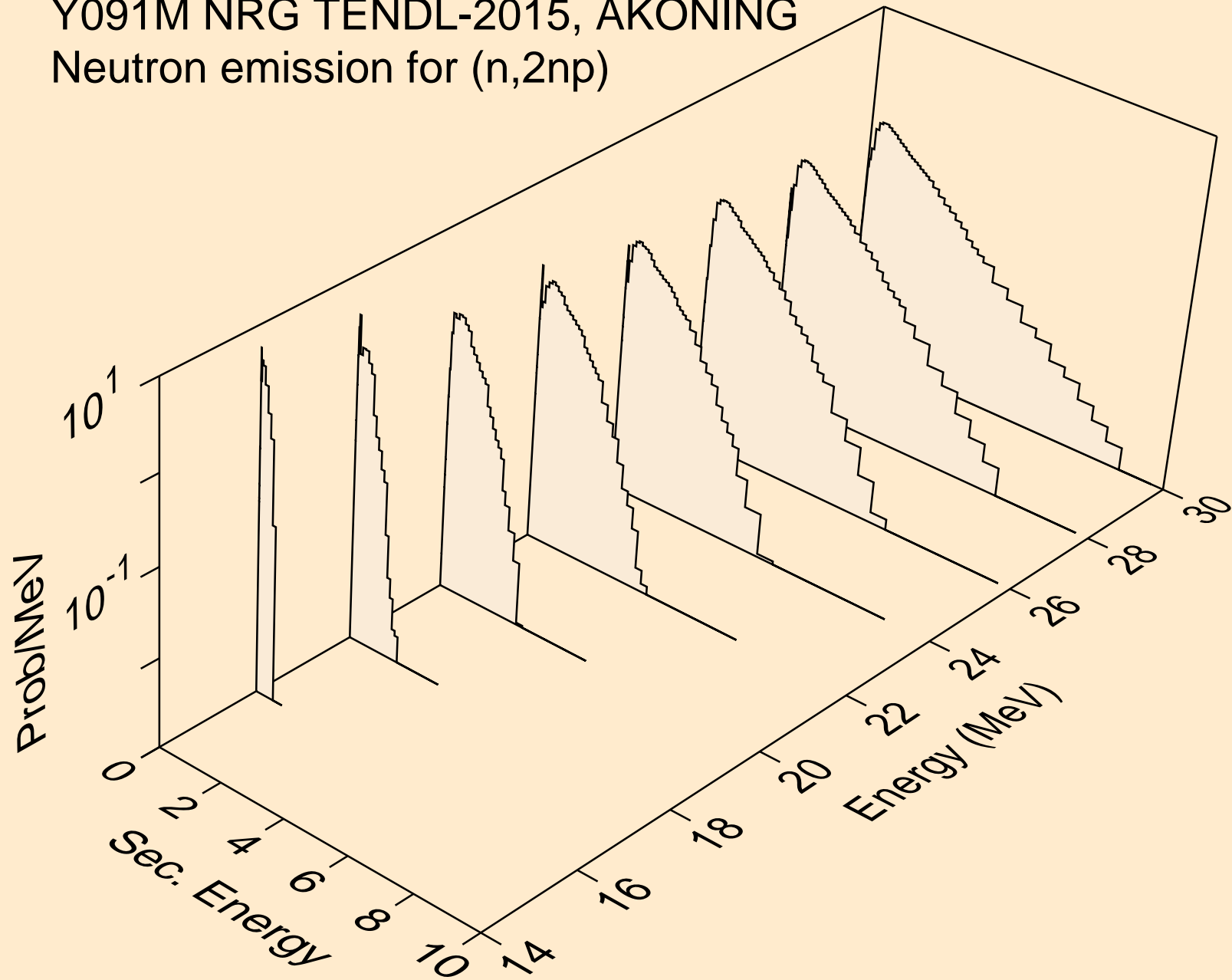
Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



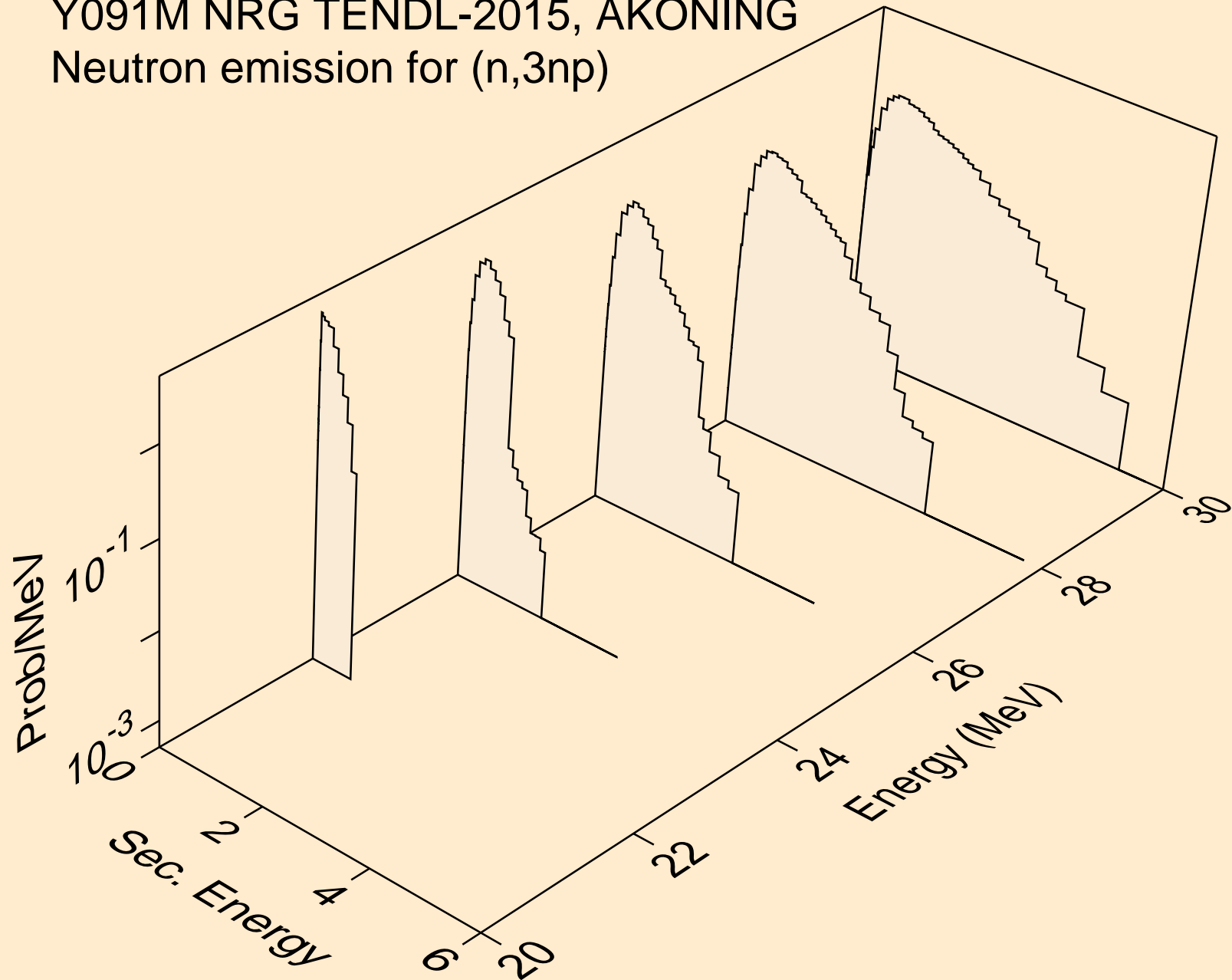
Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



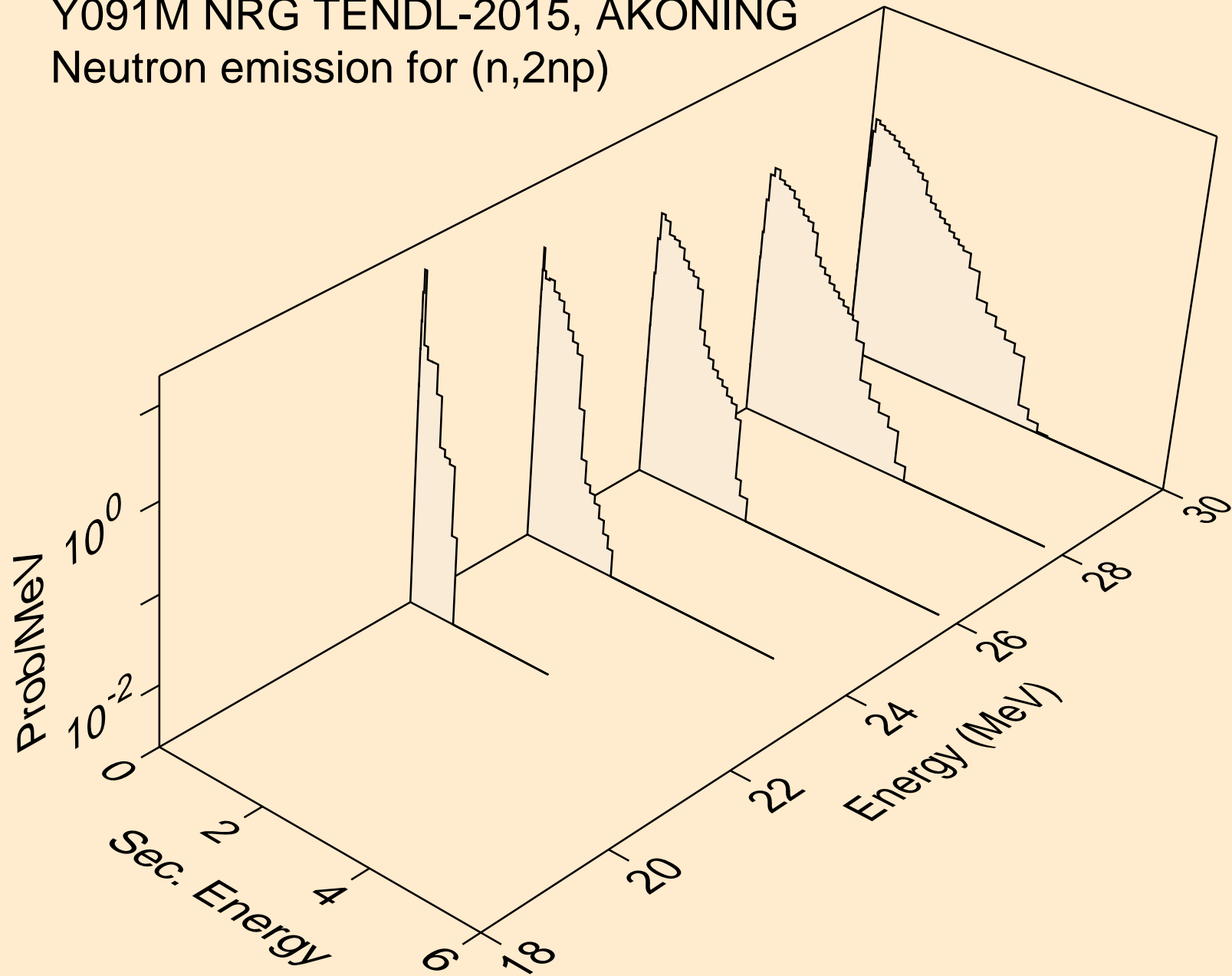
Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



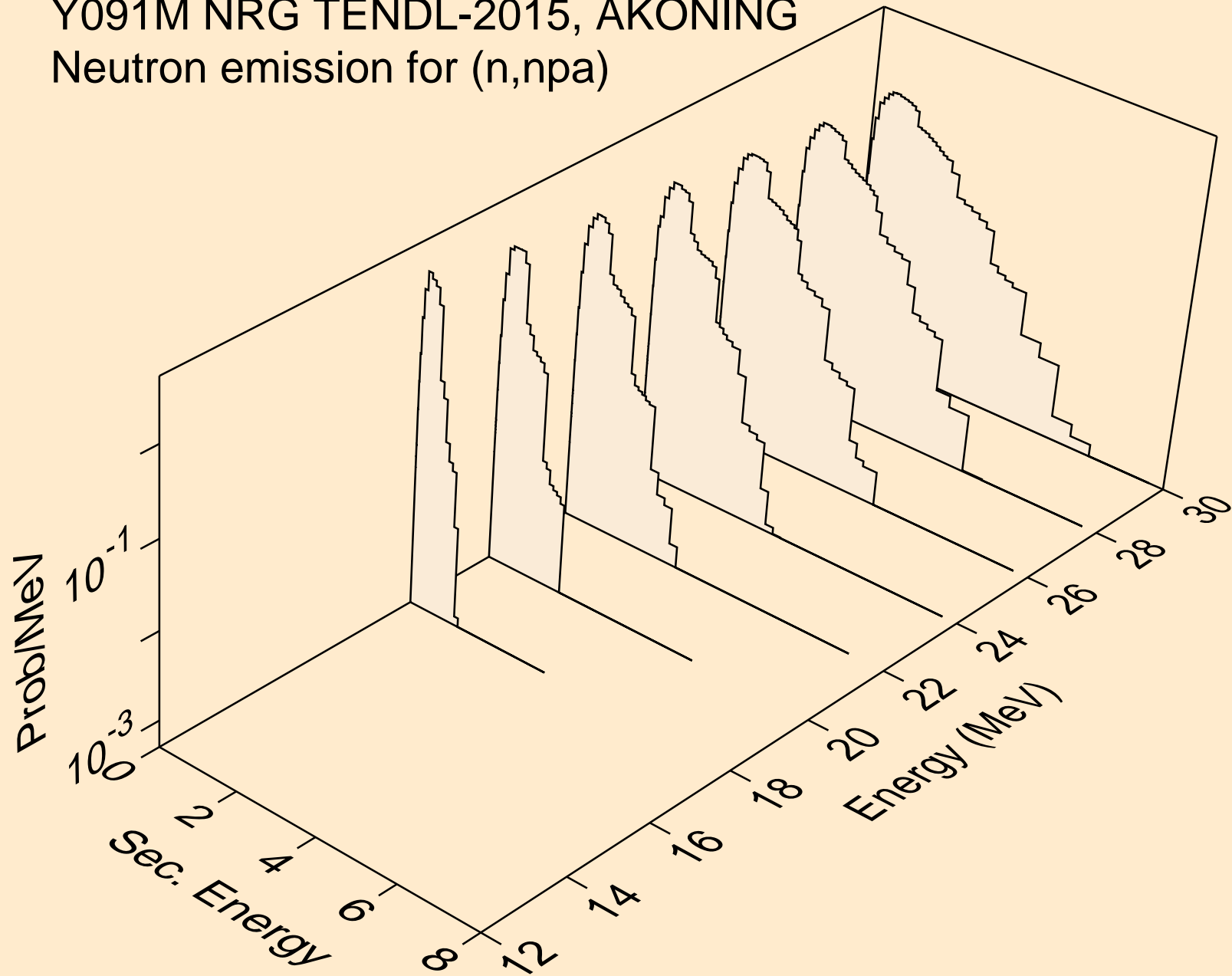
Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



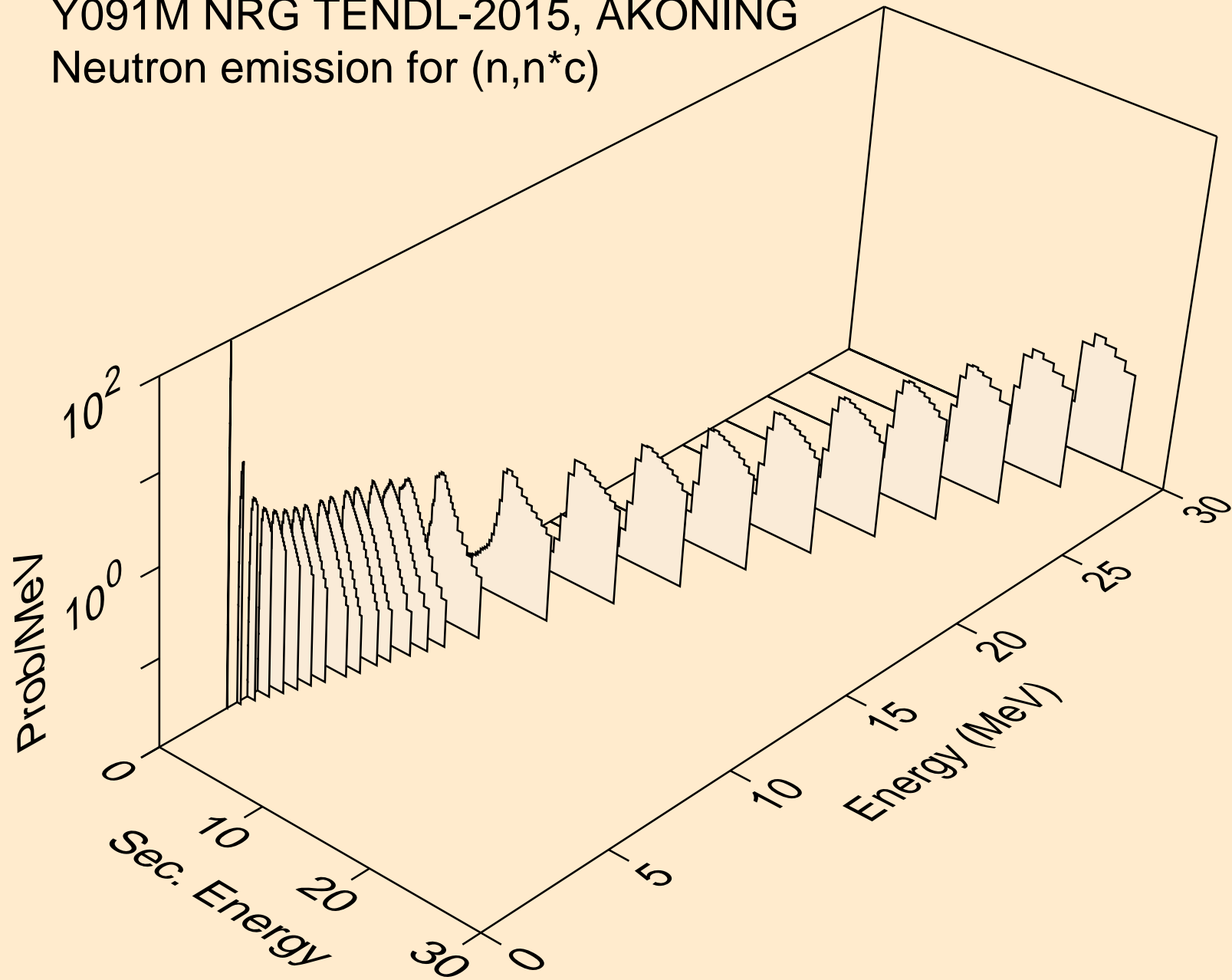
Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



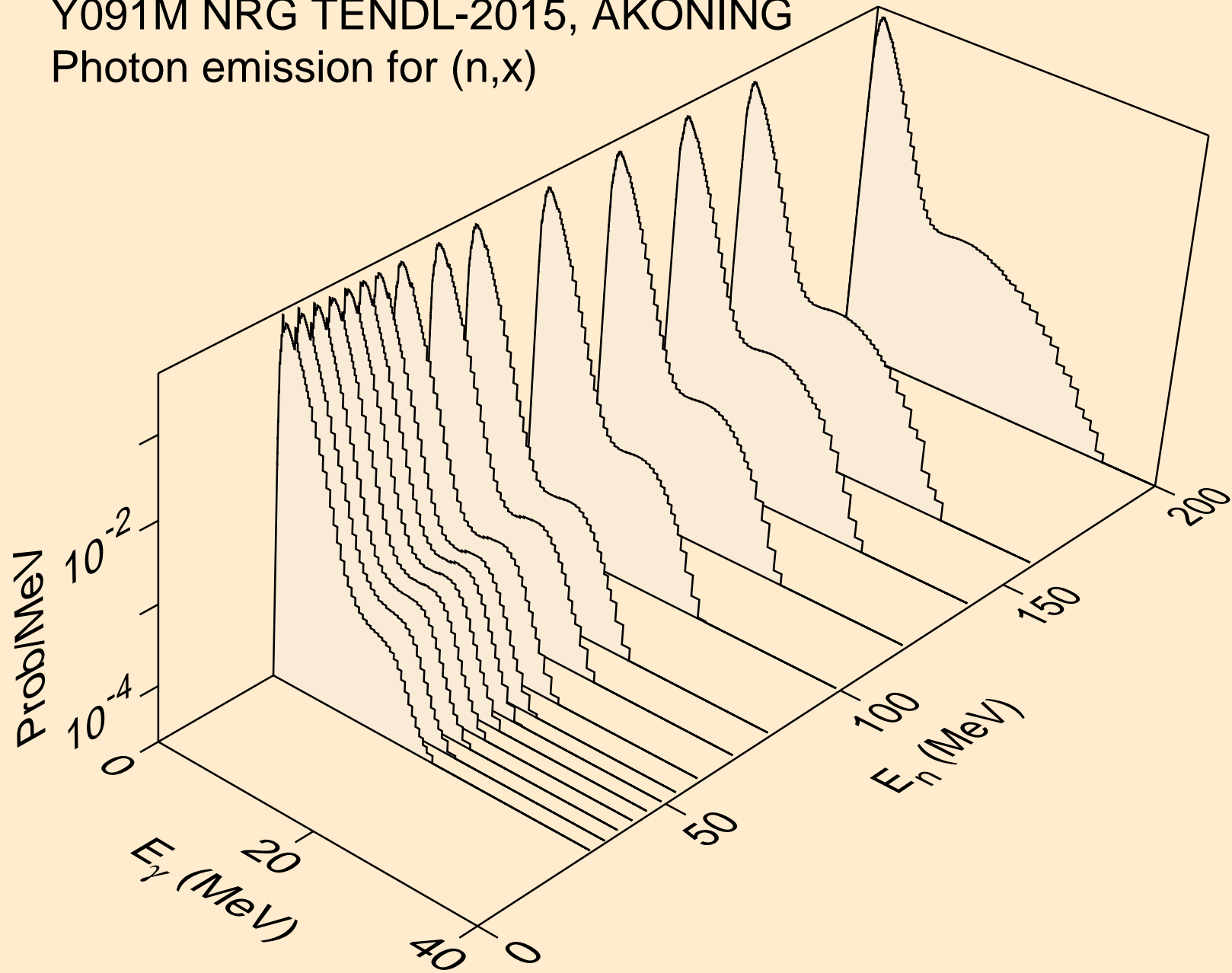
Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



Y091M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

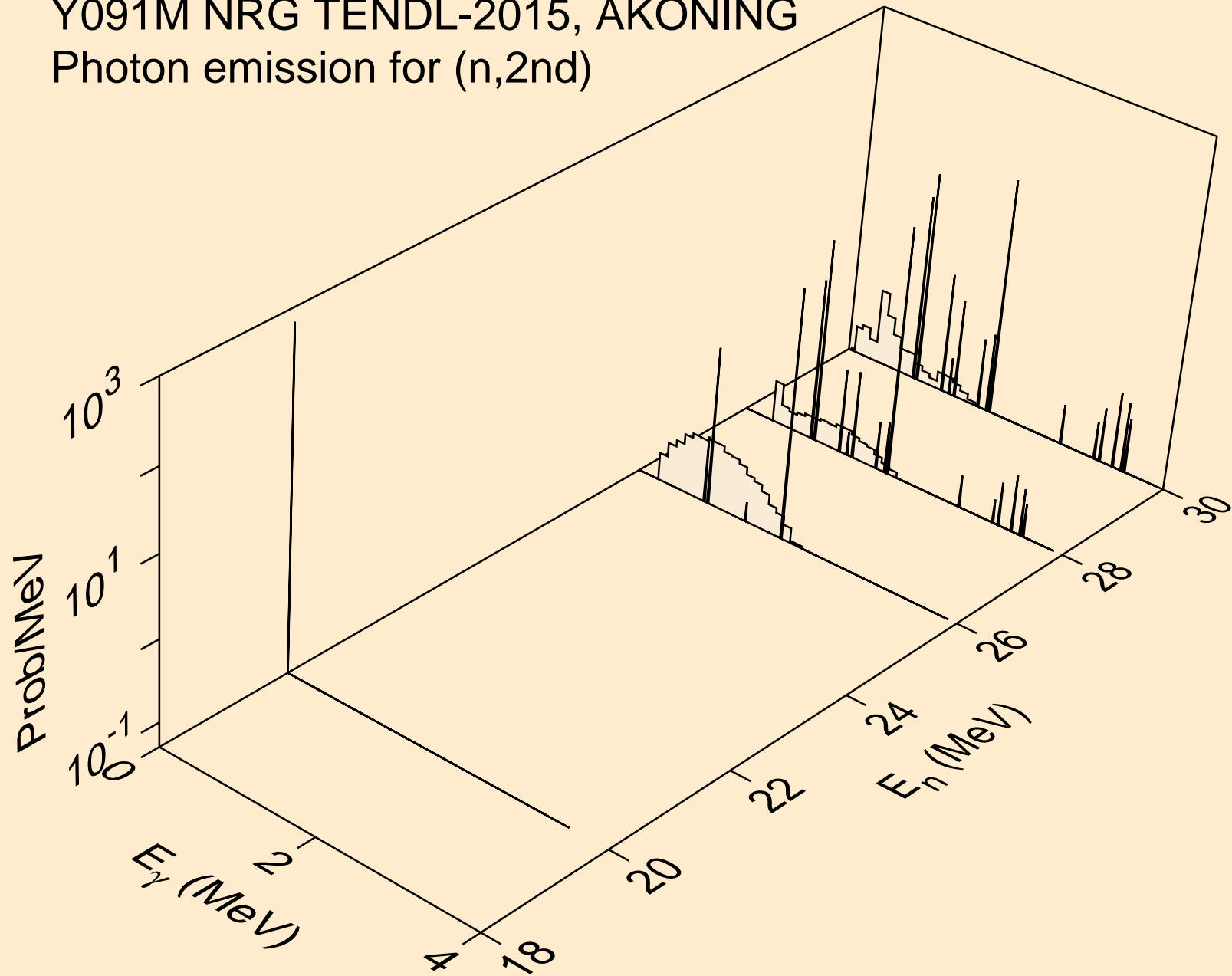


Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,x)

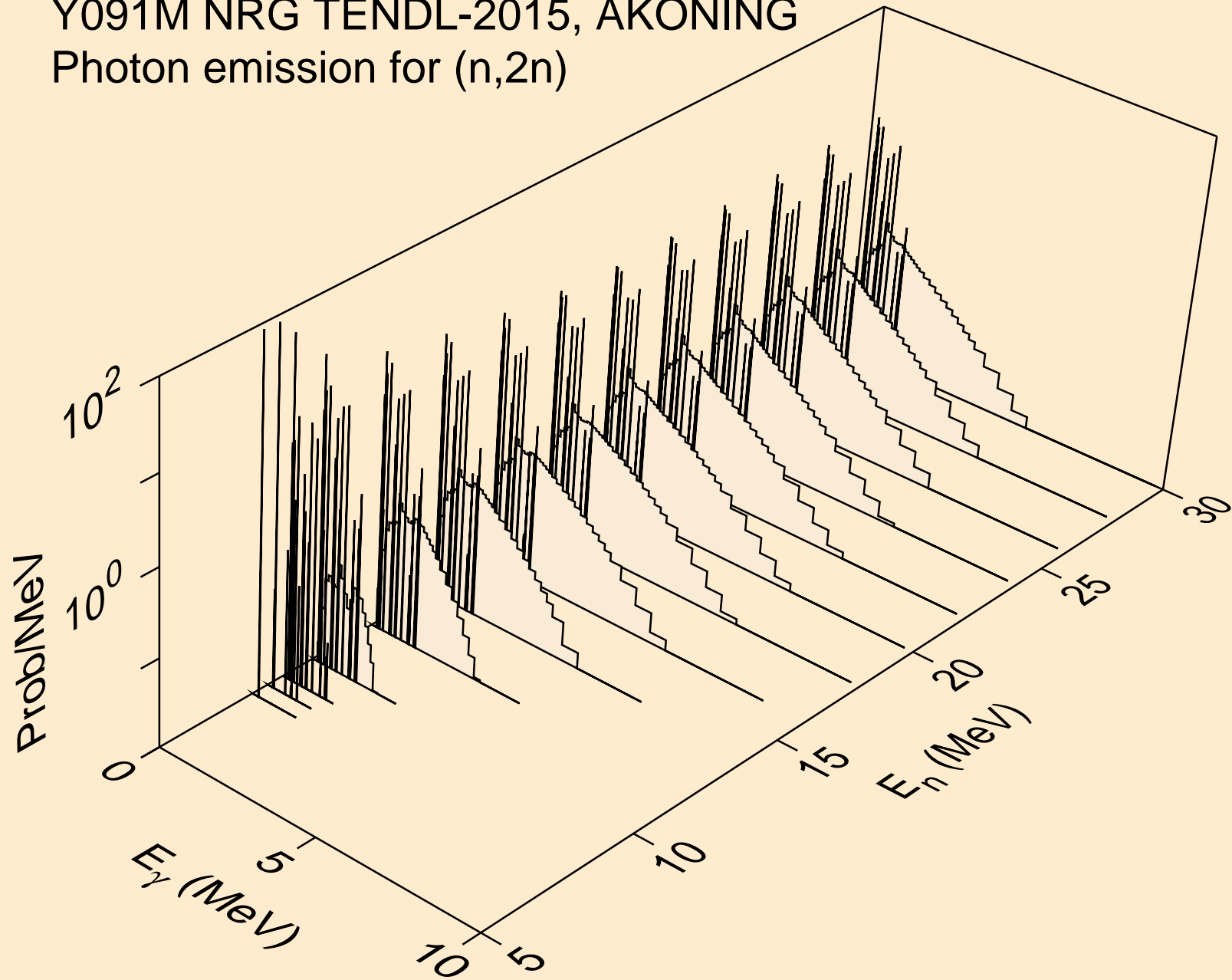




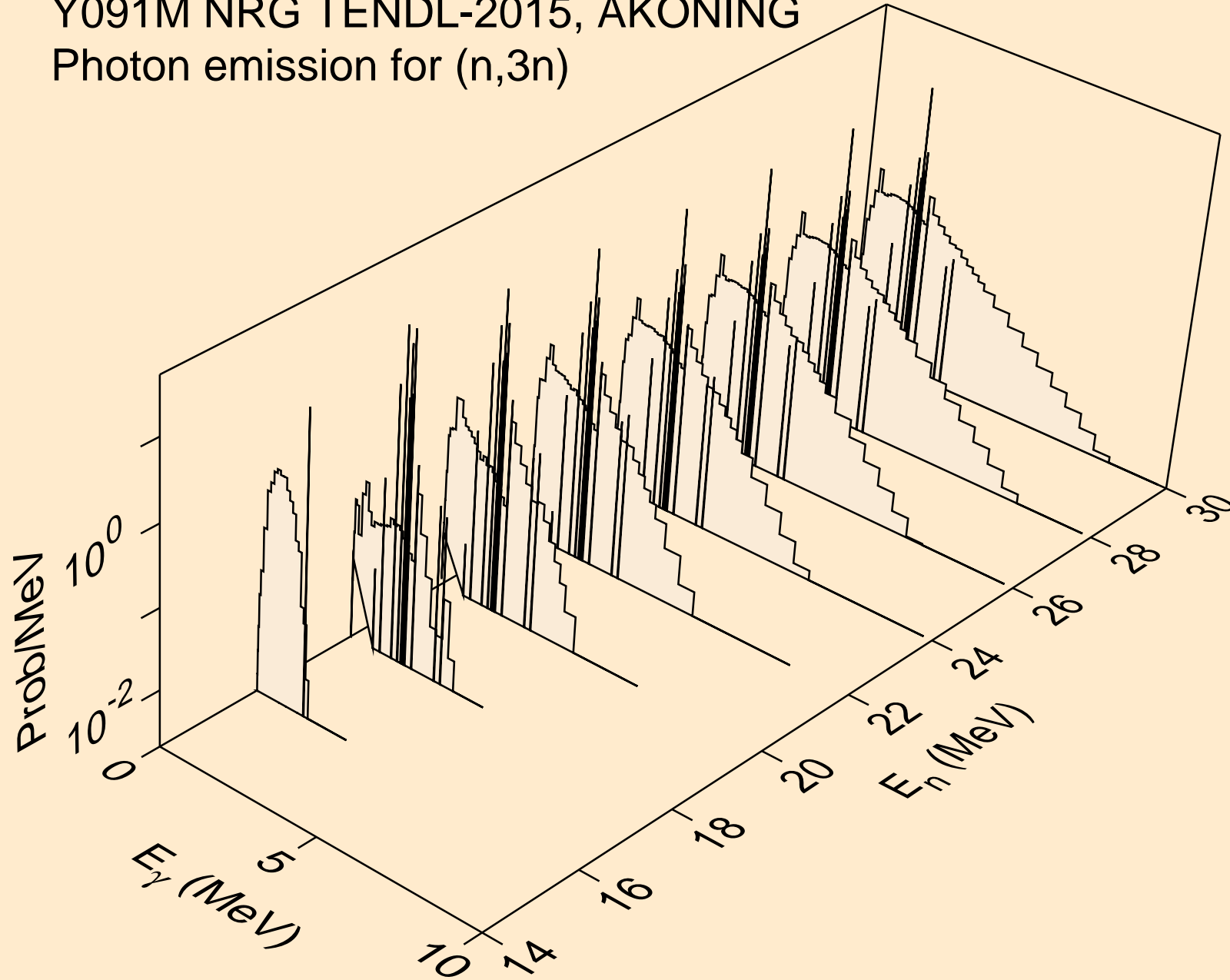
Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



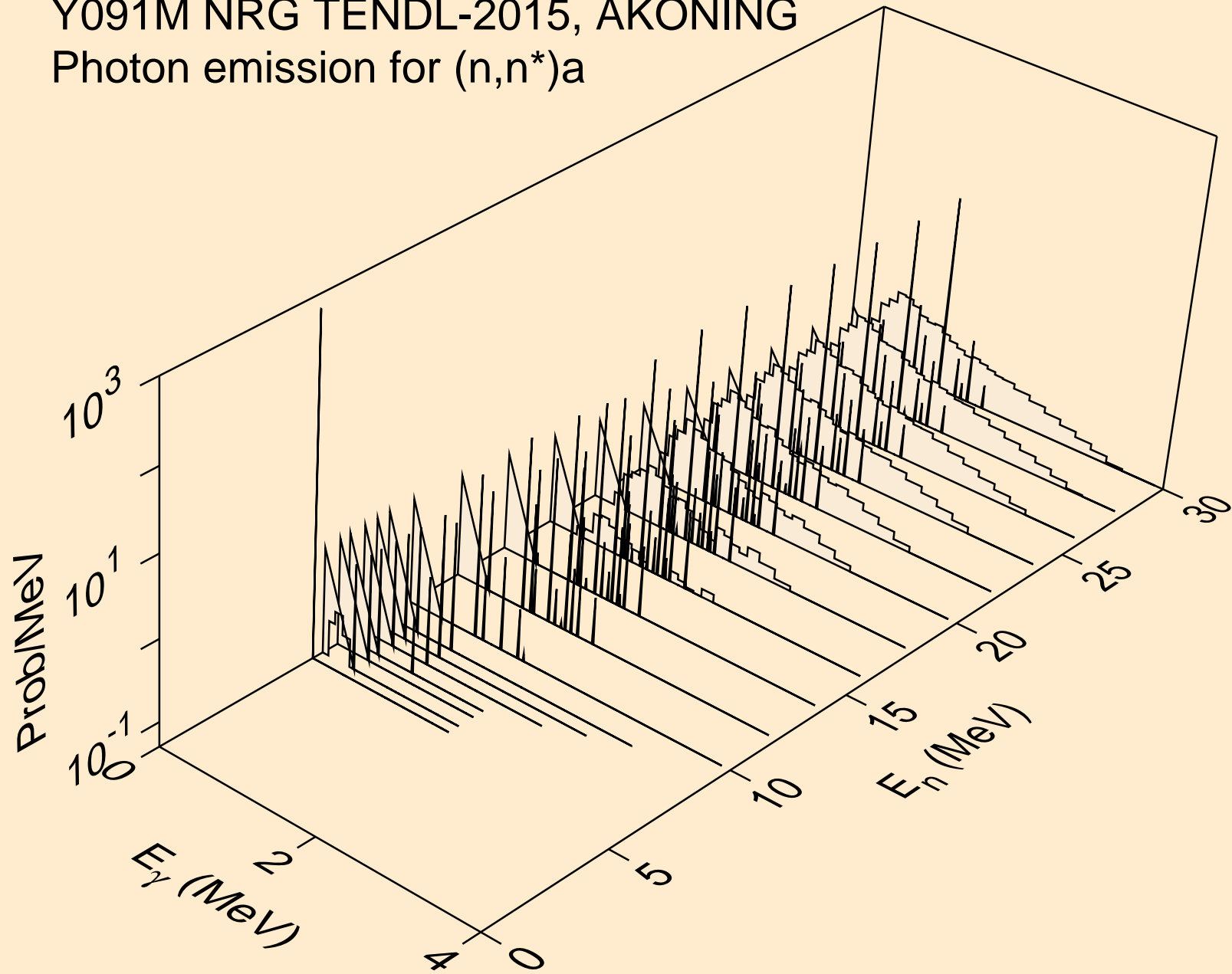
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Photon emission for (n,2n)



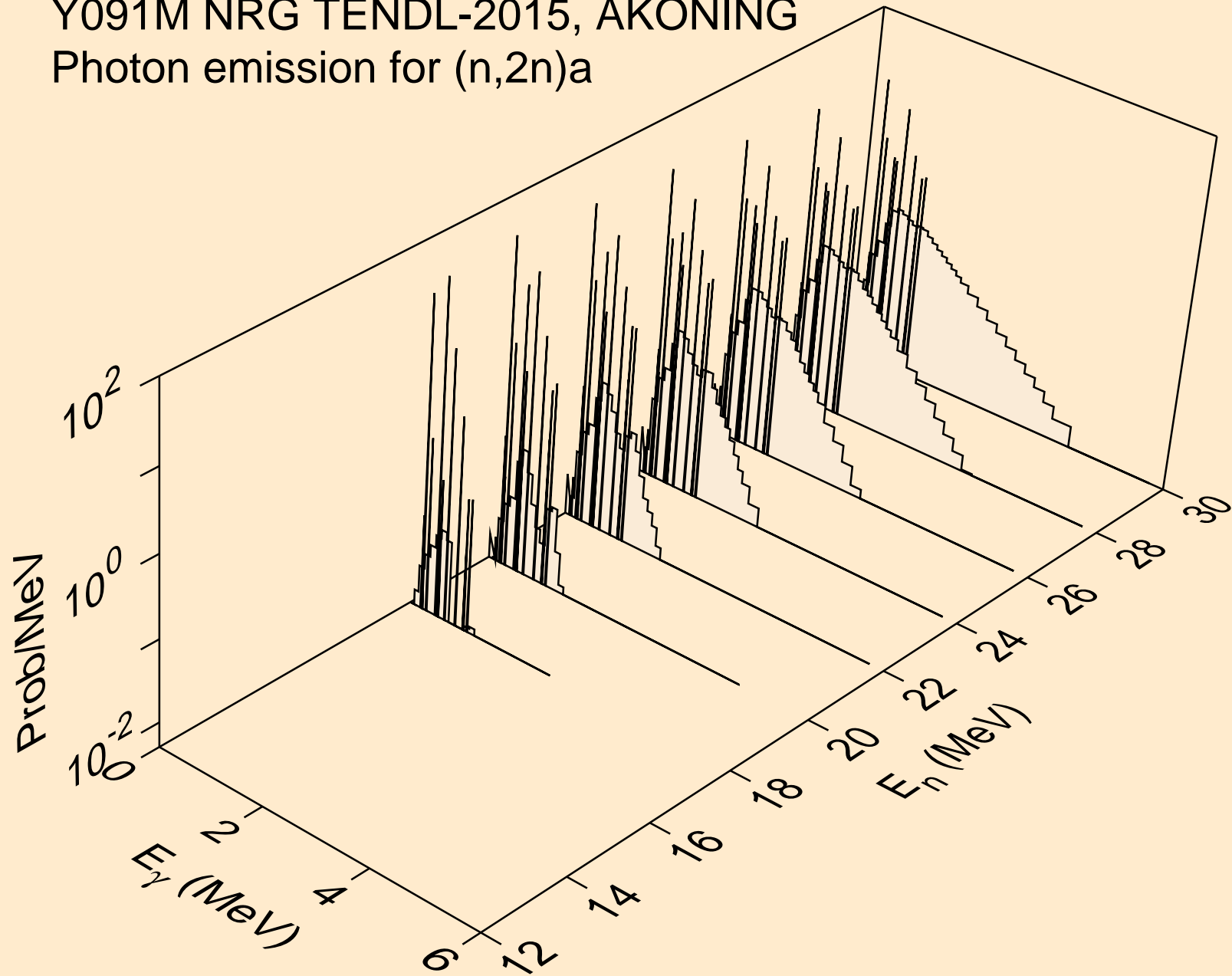
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Photon emission for (n,3n)



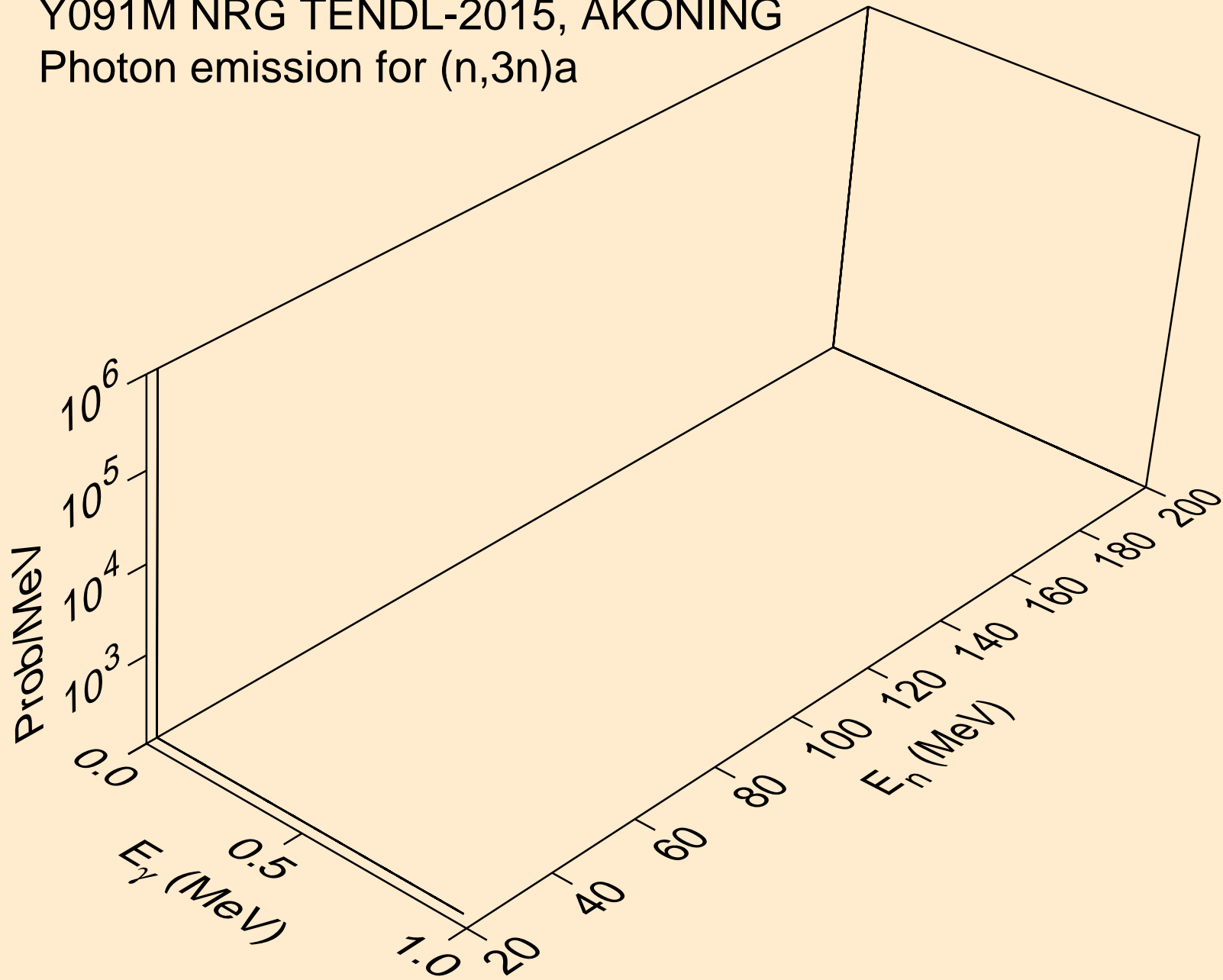
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Photon emission for (n,n\*)a



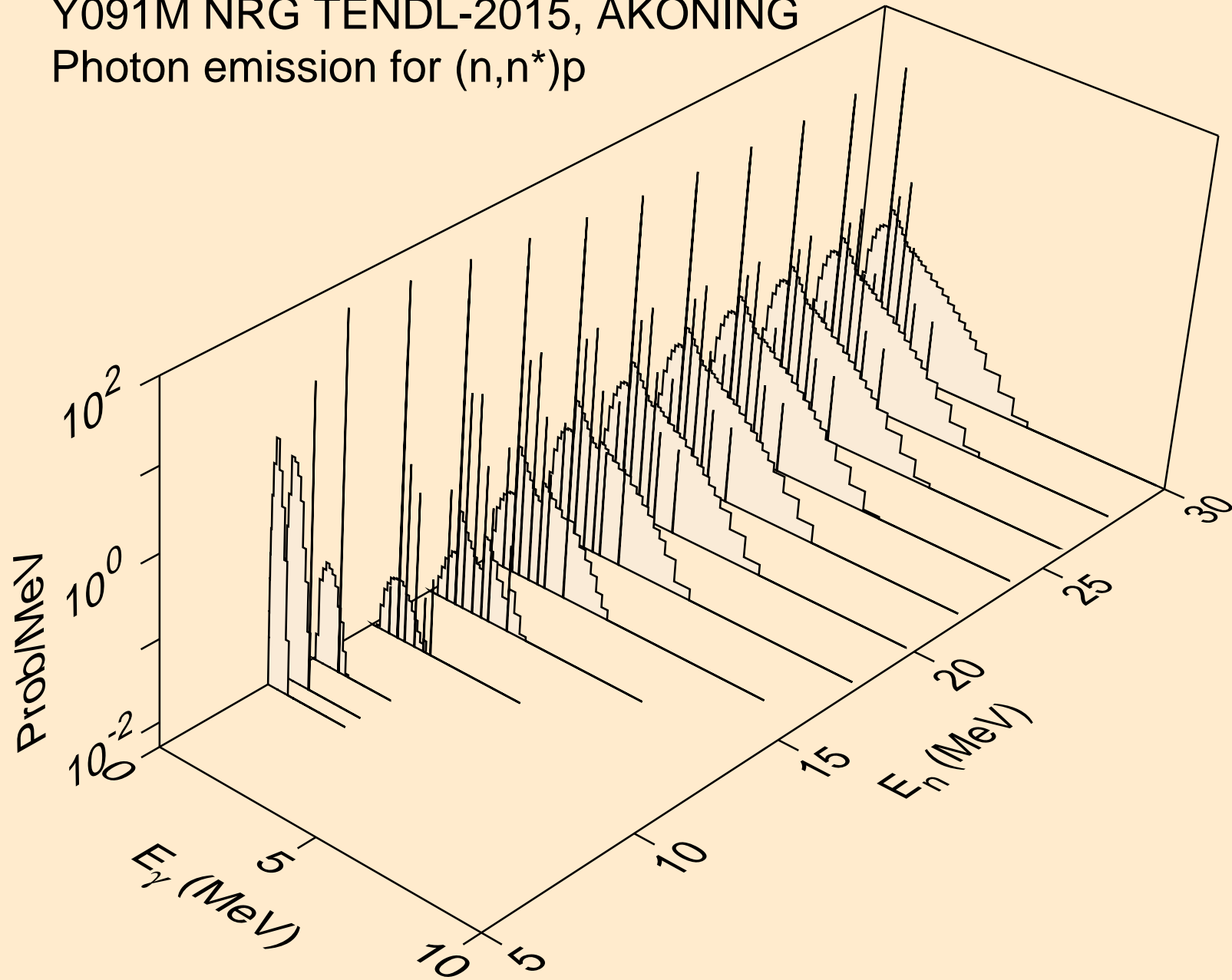
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Photon emission for (n,2n)a



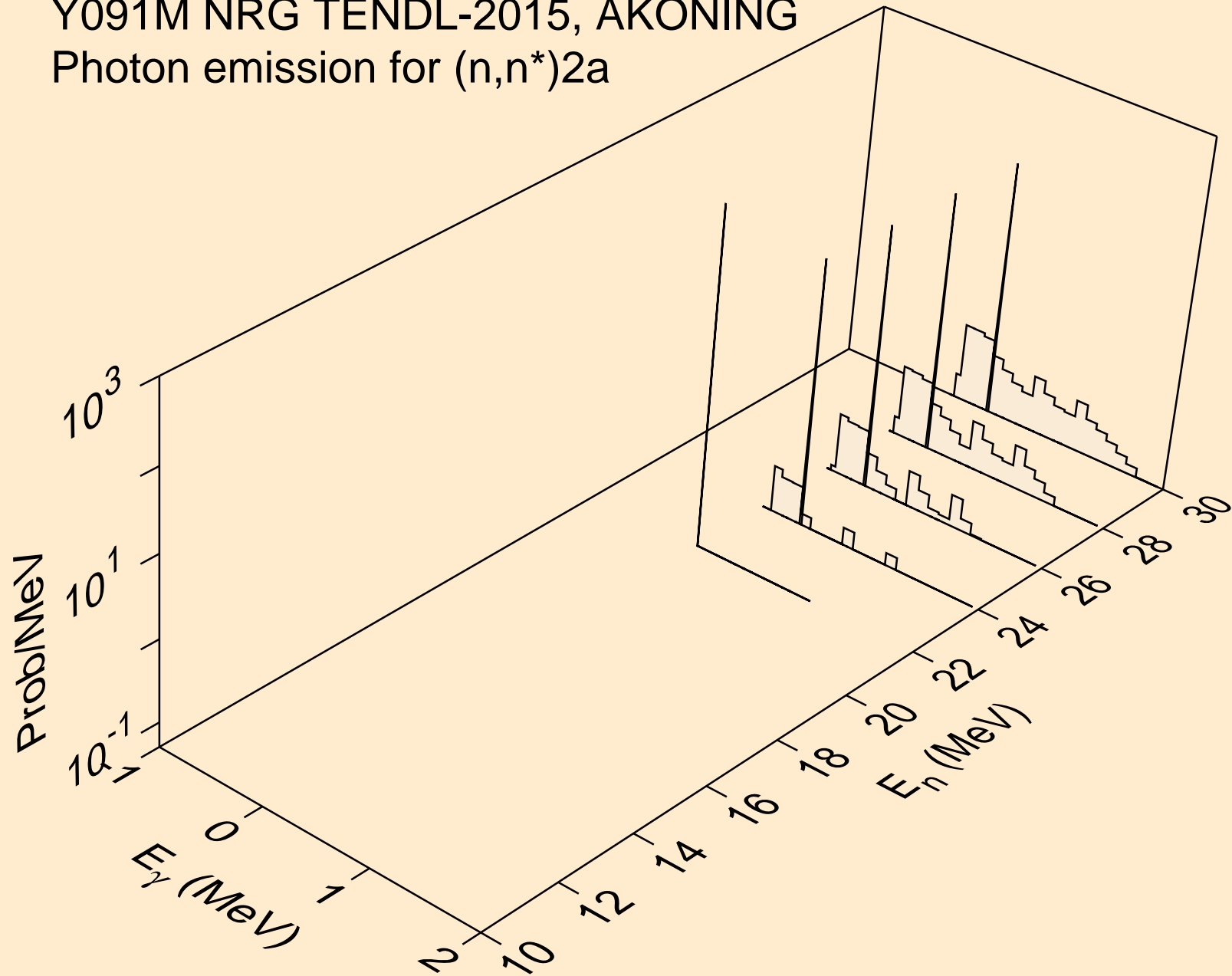
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Photon emission for (n,3n)a



Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

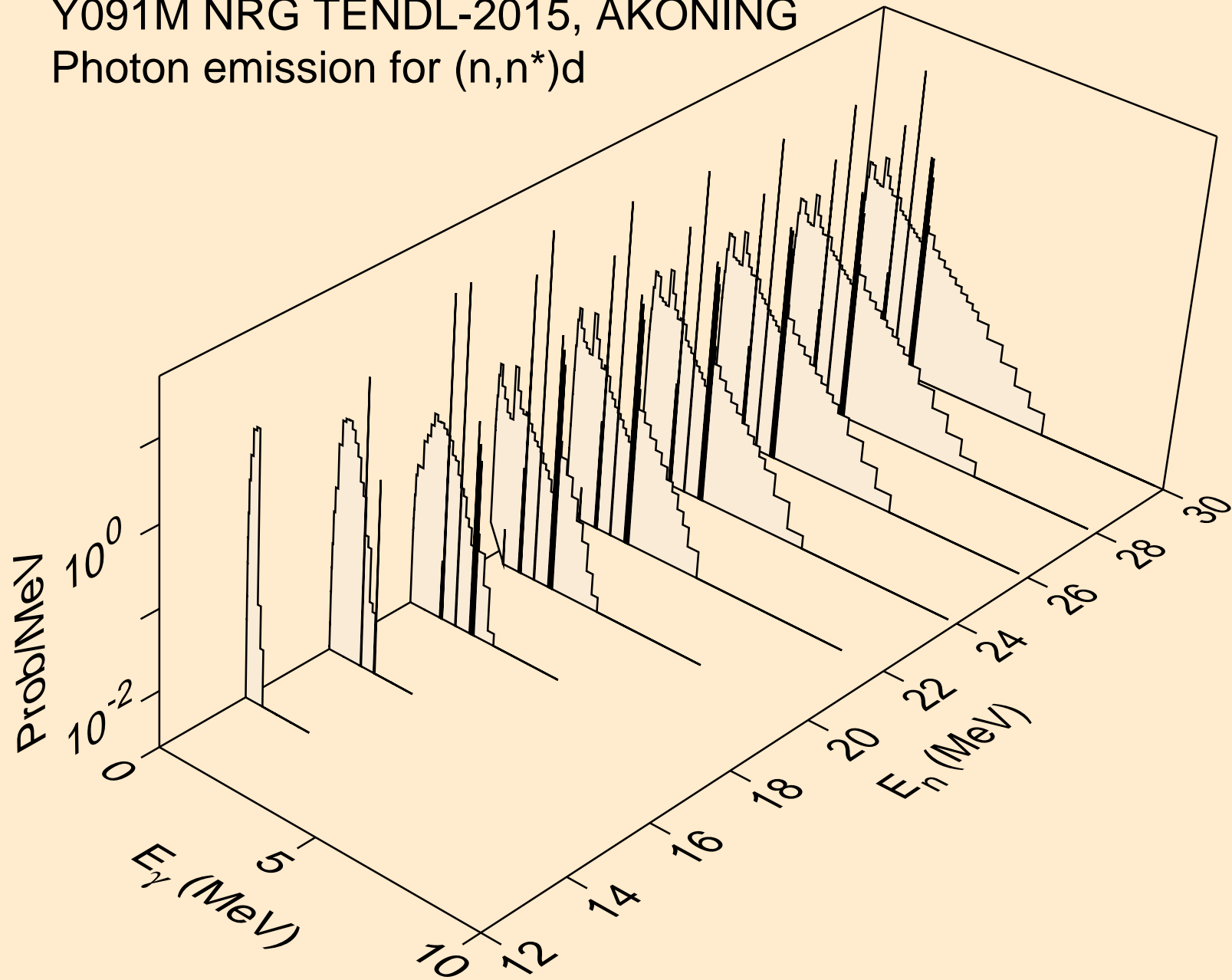


Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

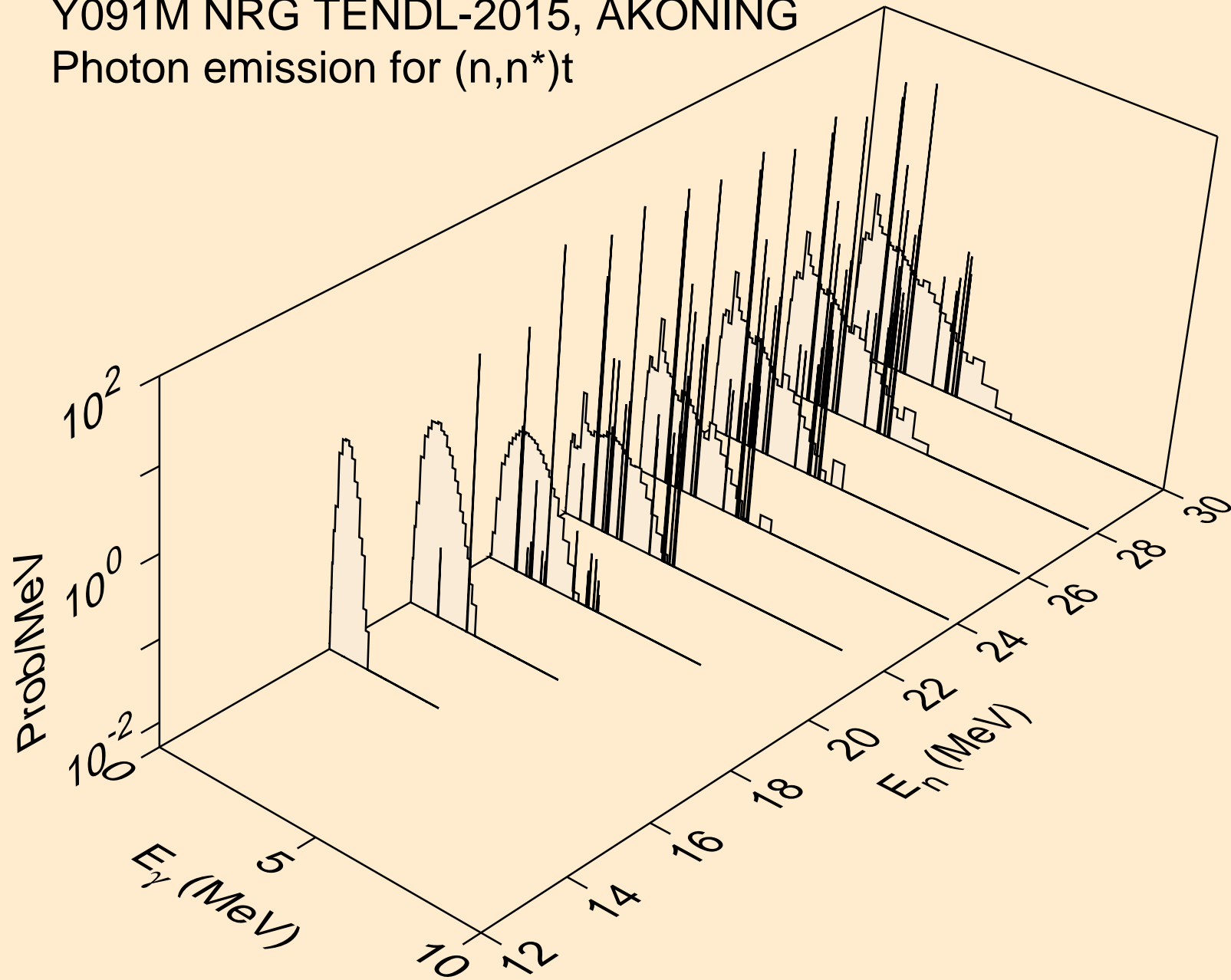




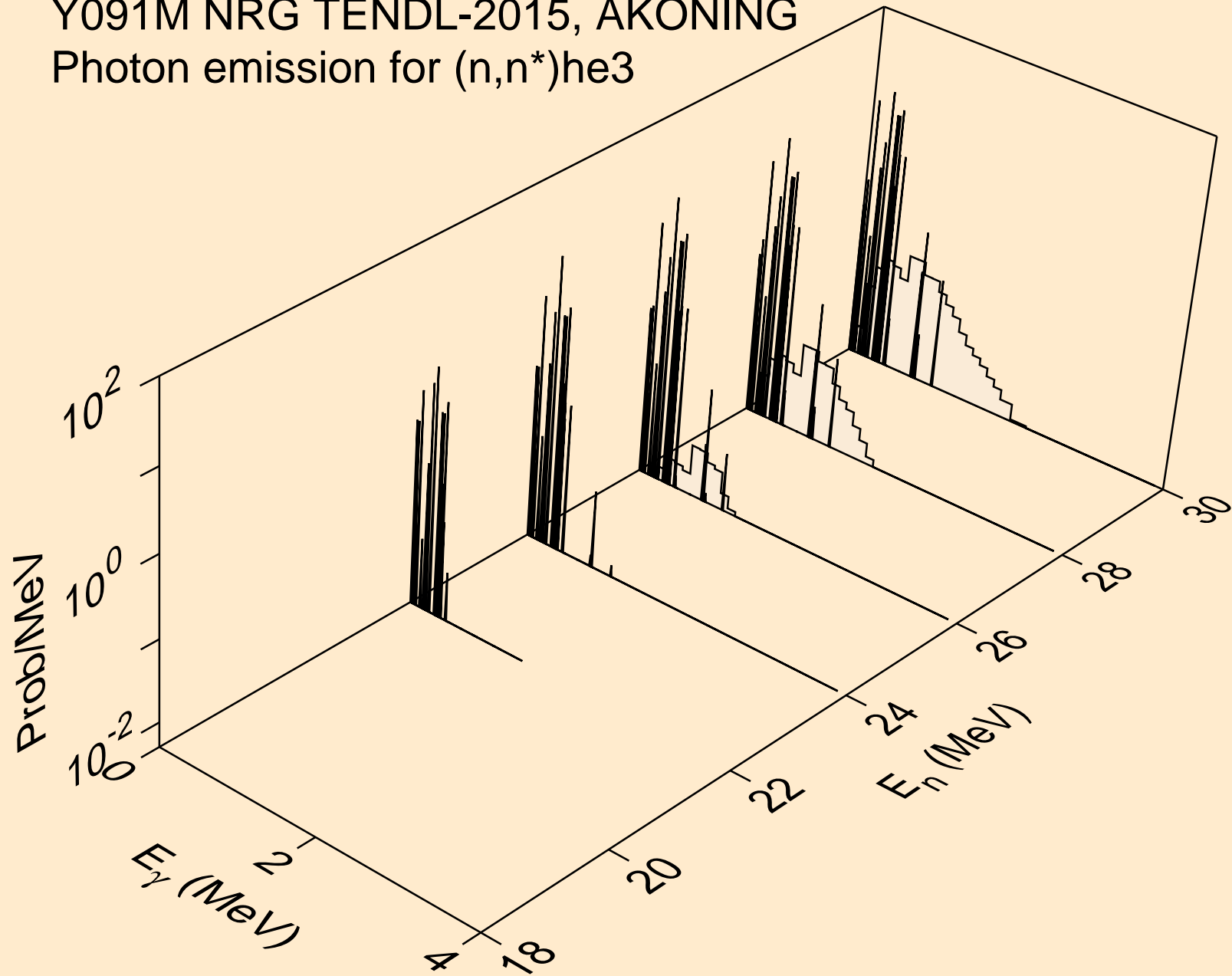
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Photon emission for (n,n\*)d



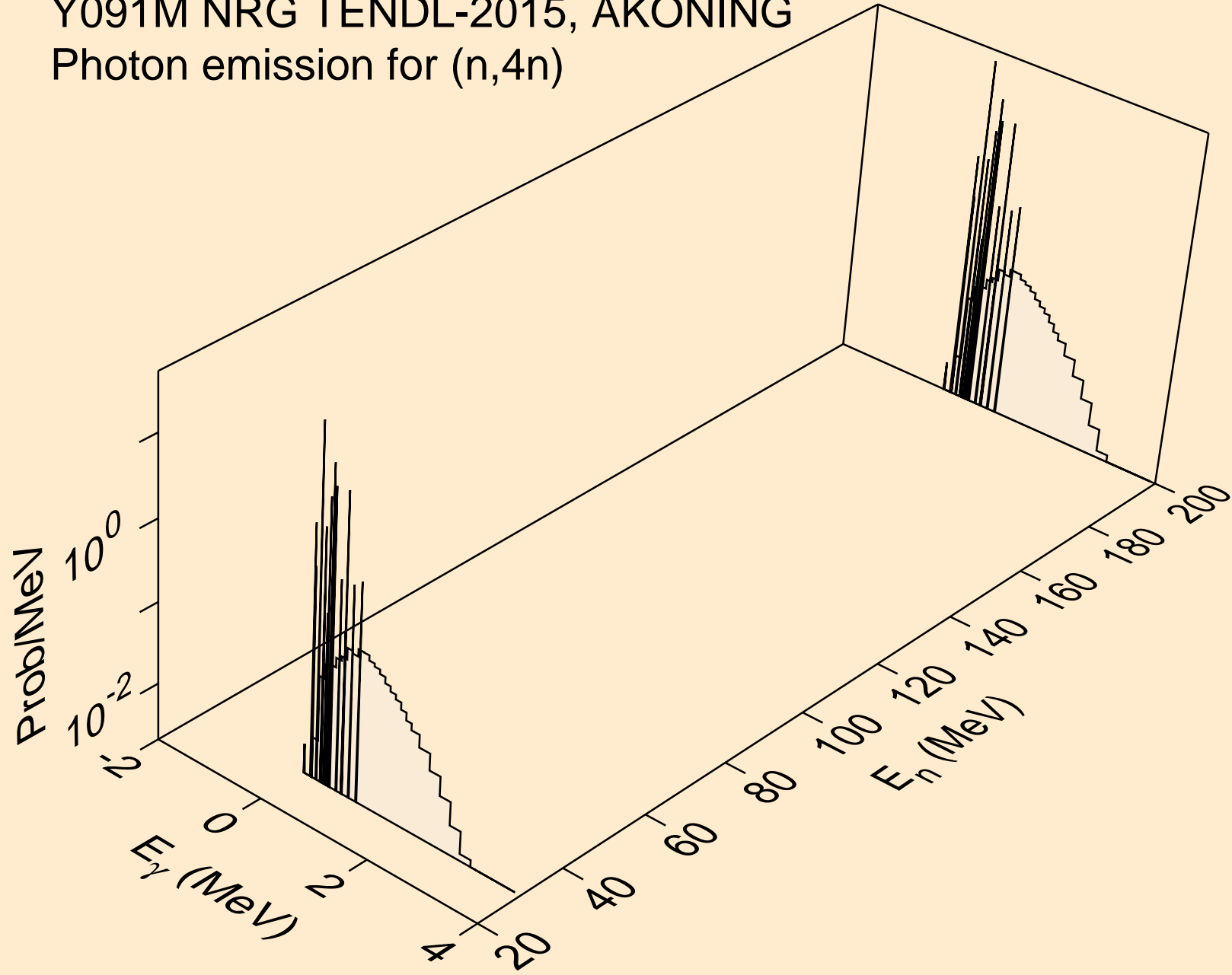
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Photon emission for (n,n\*)t



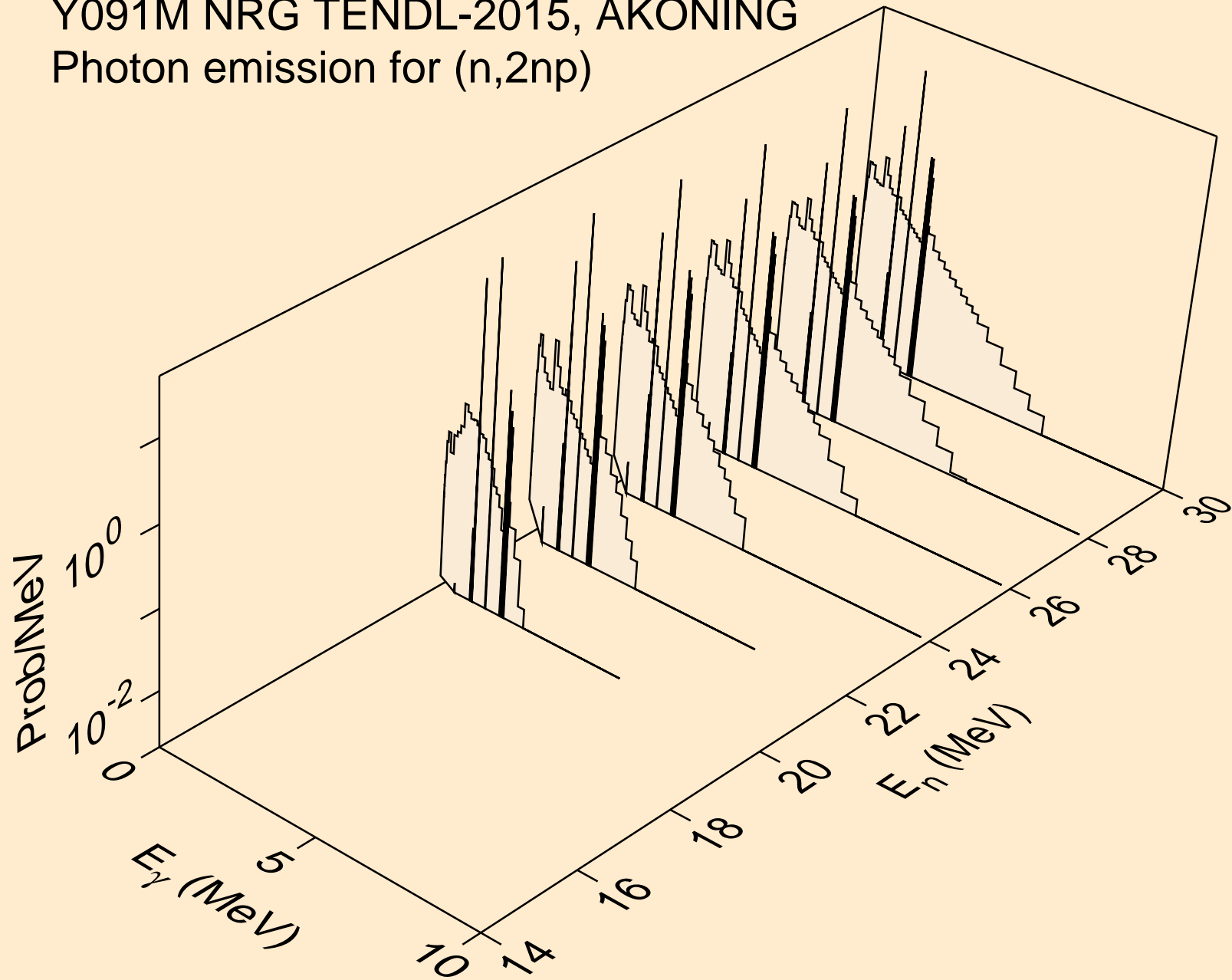
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Photon emission for (n,n\*)he3



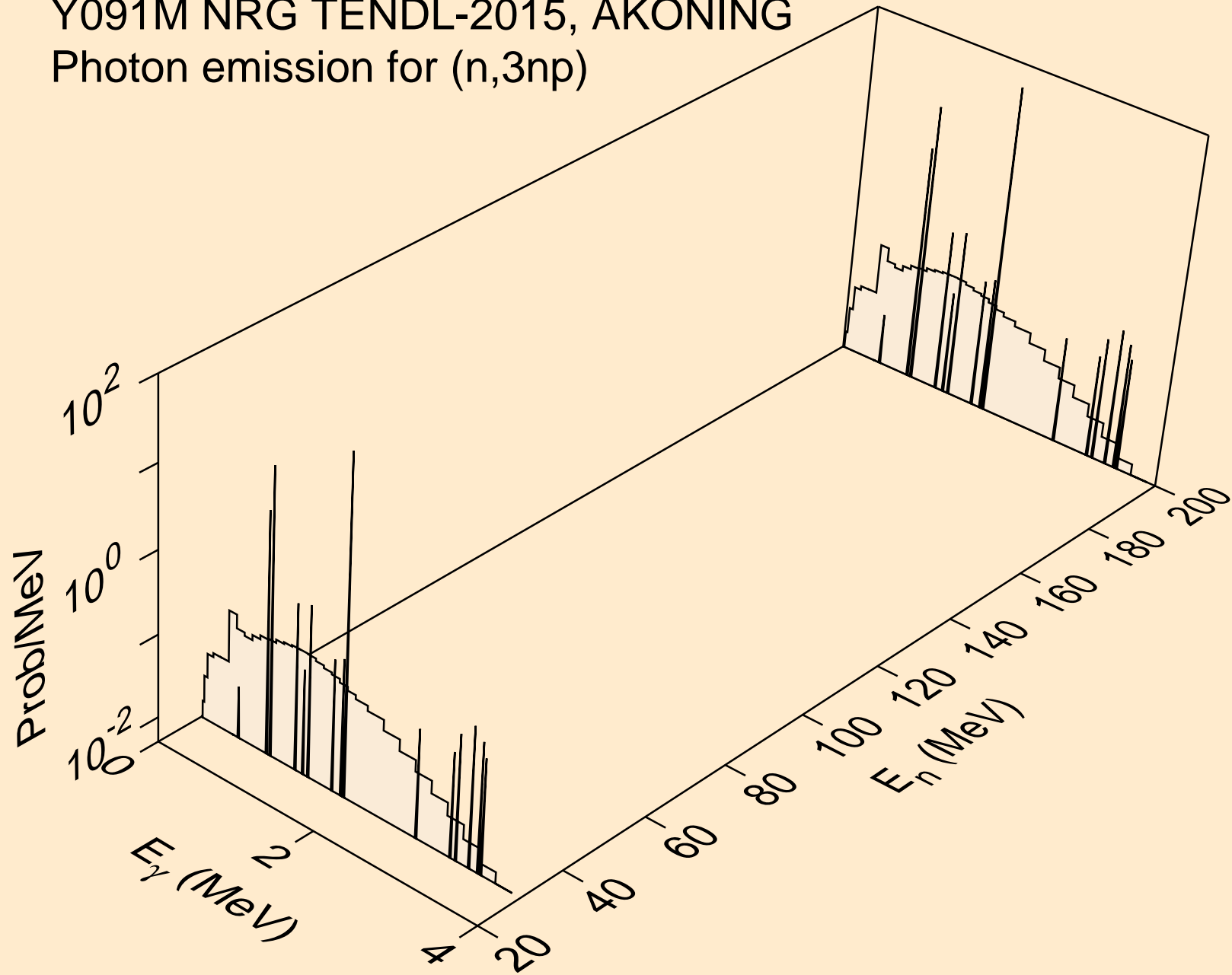
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Photon emission for (n,4n)



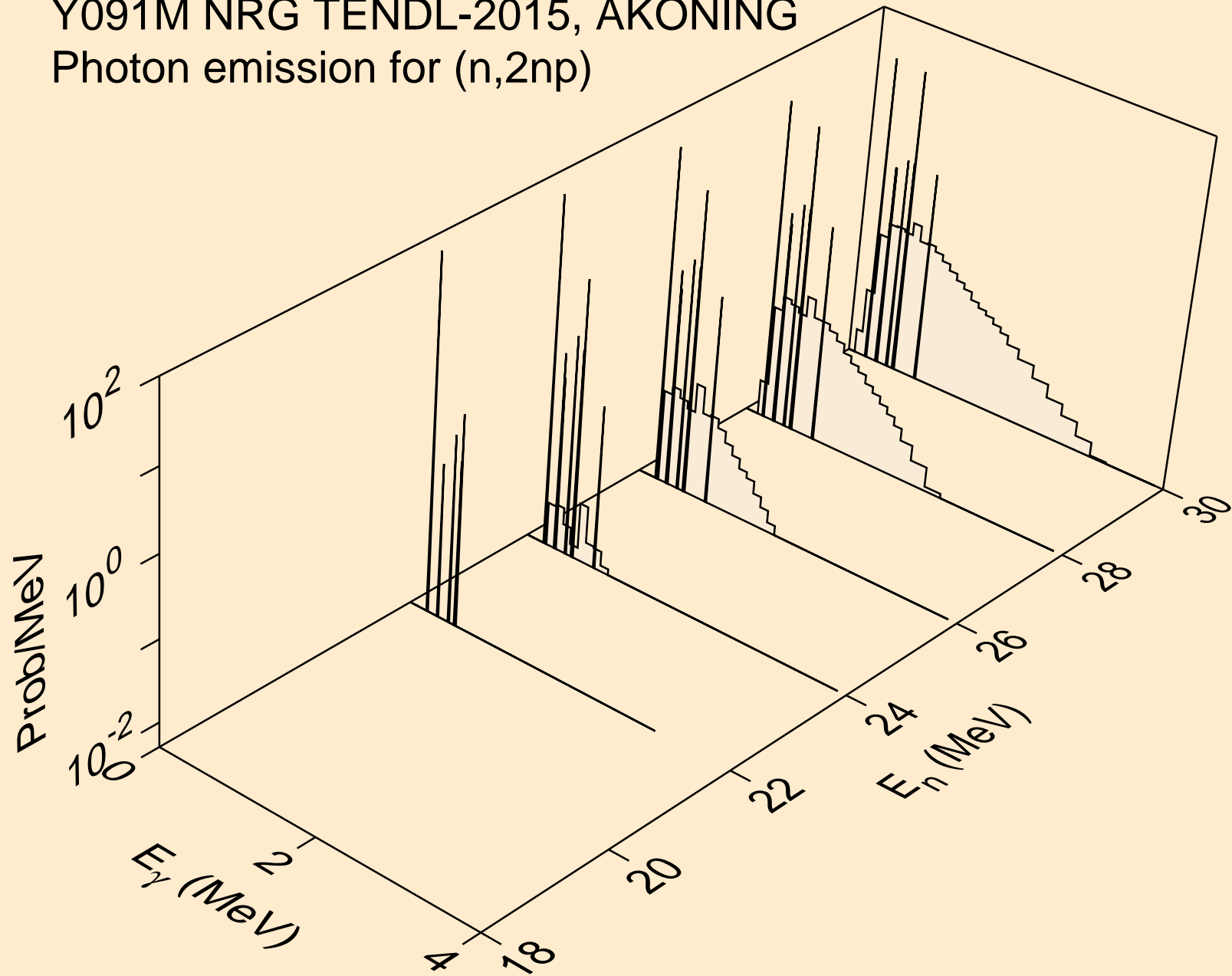
Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



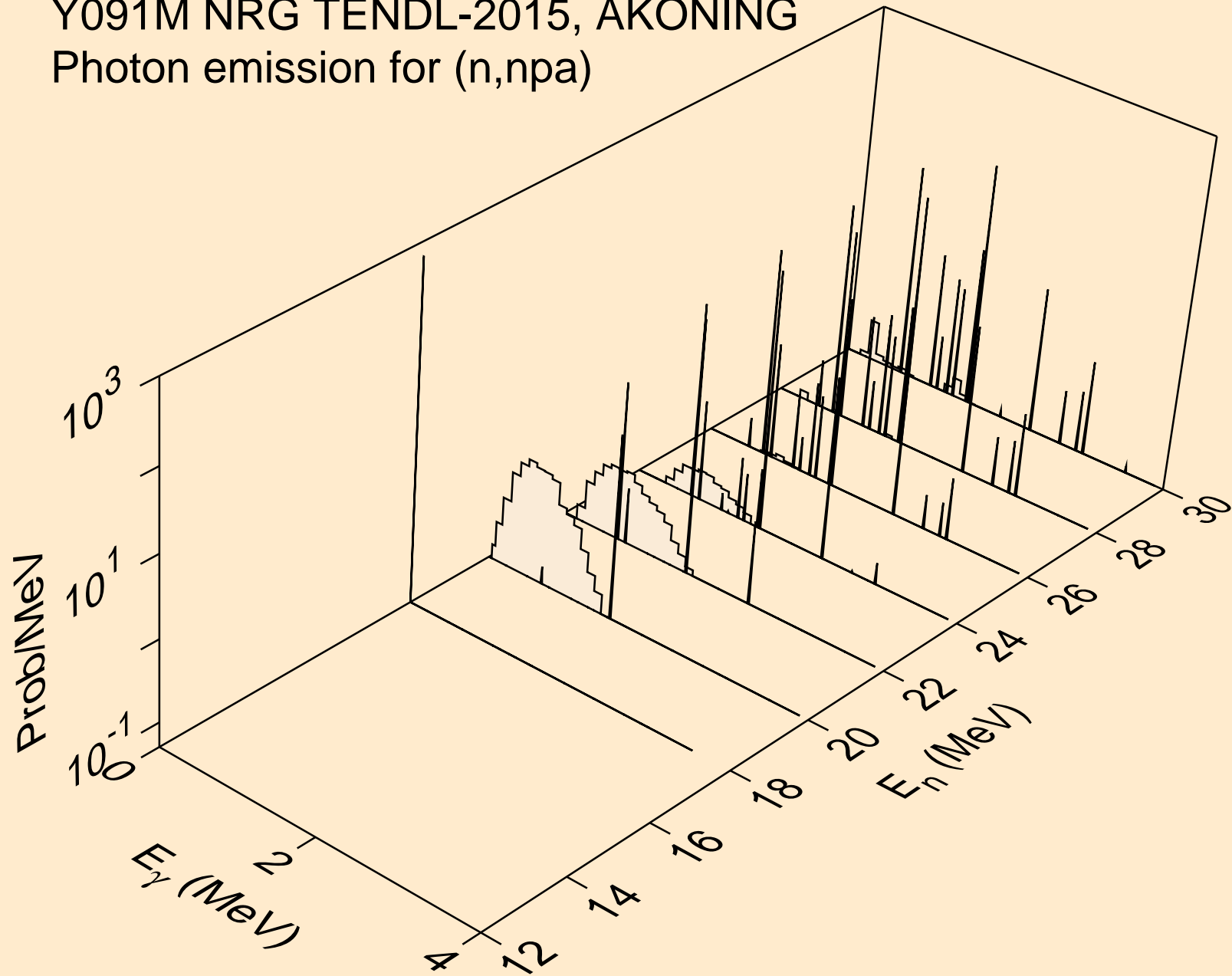
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Photon emission for (n,3np)



Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

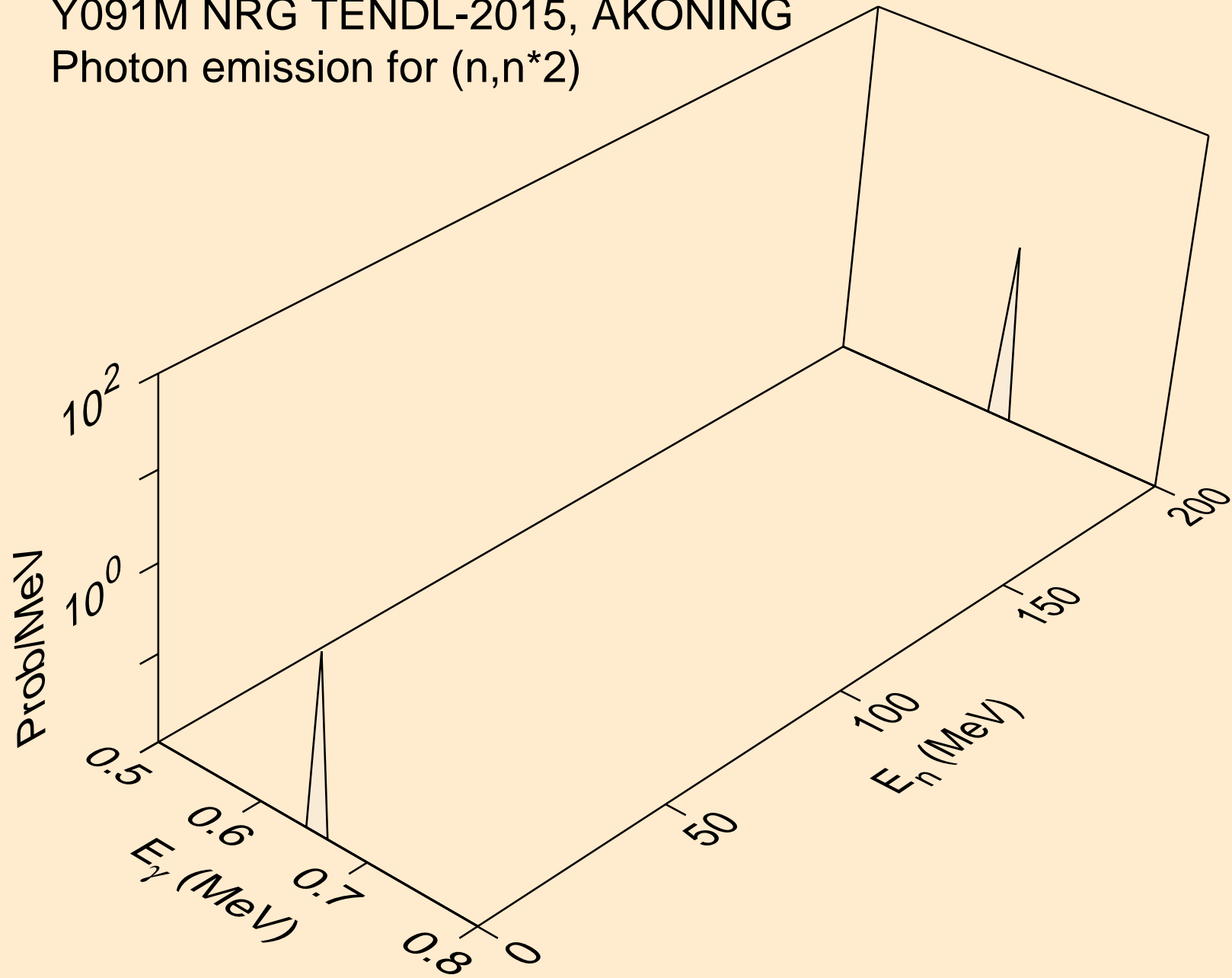


Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

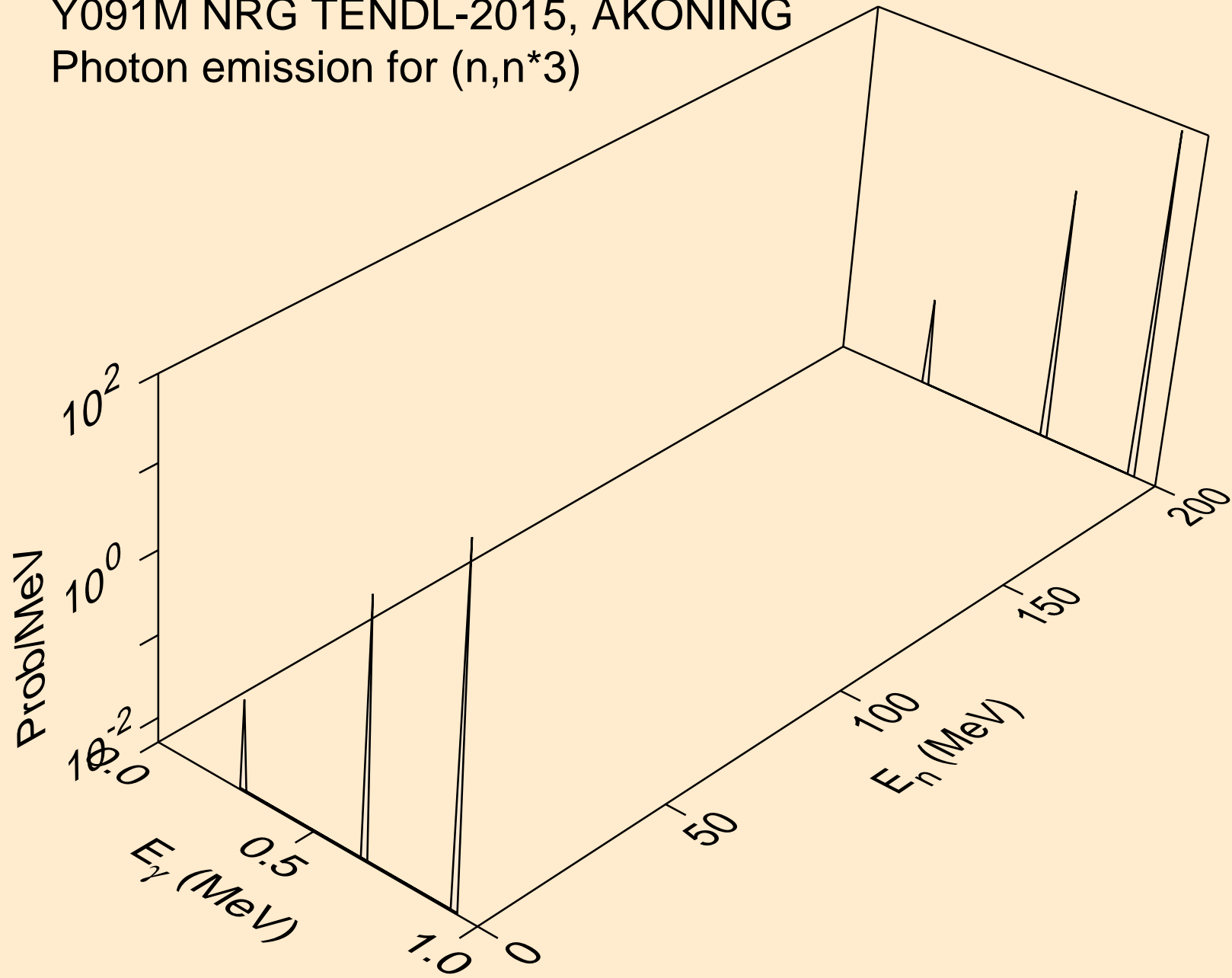




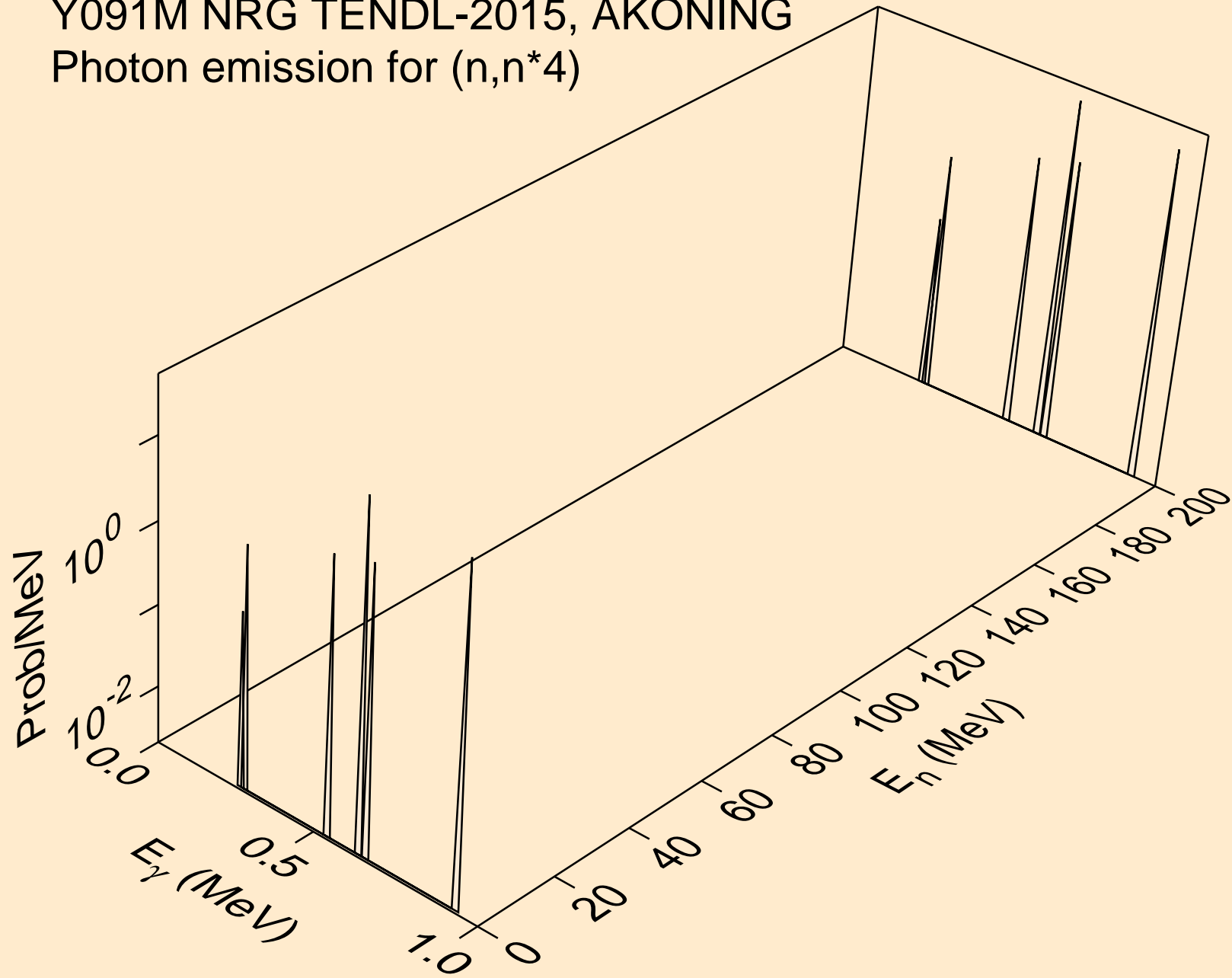
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Photon emission for (n,n\*2)



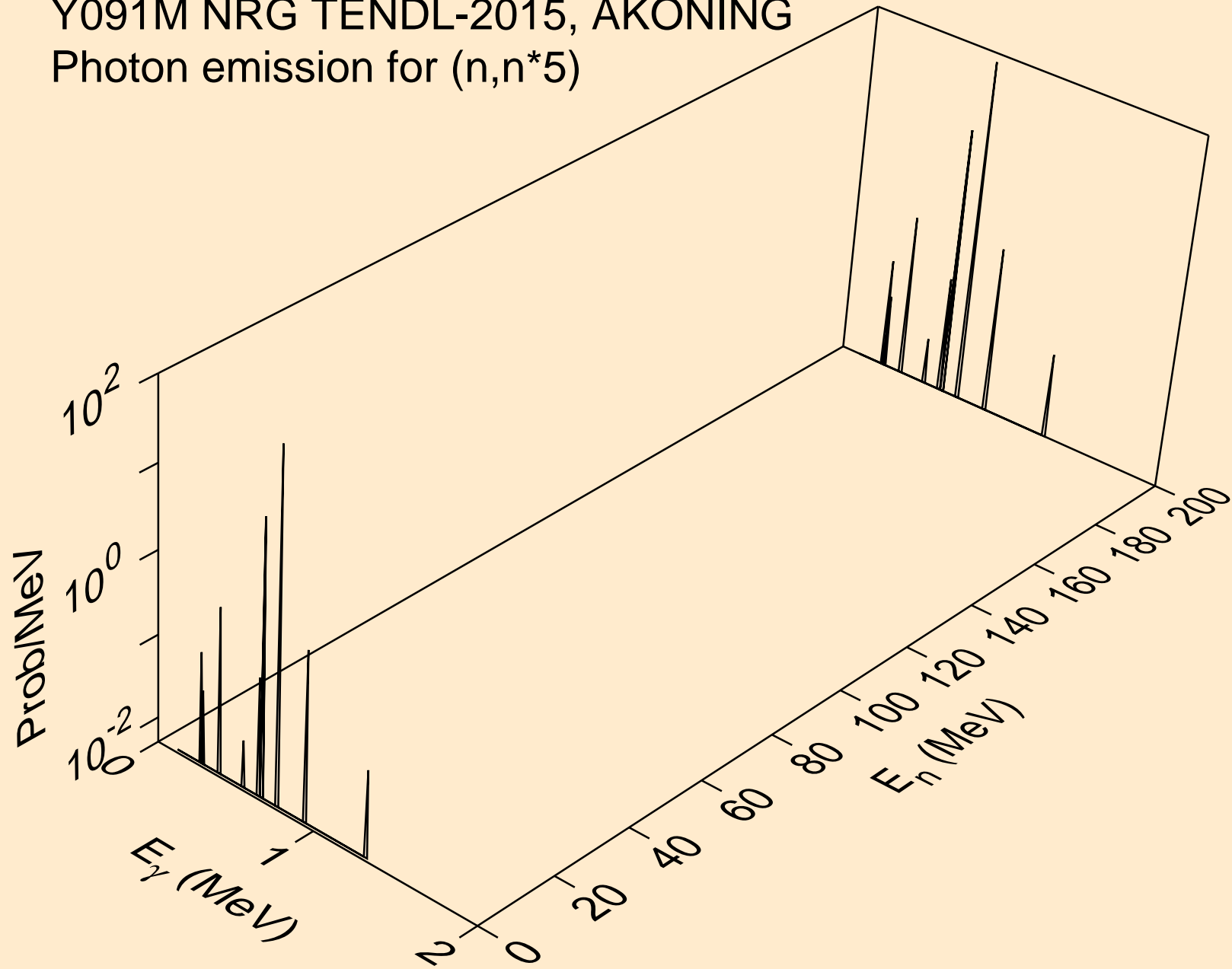
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Photon emission for (n,n\*3)



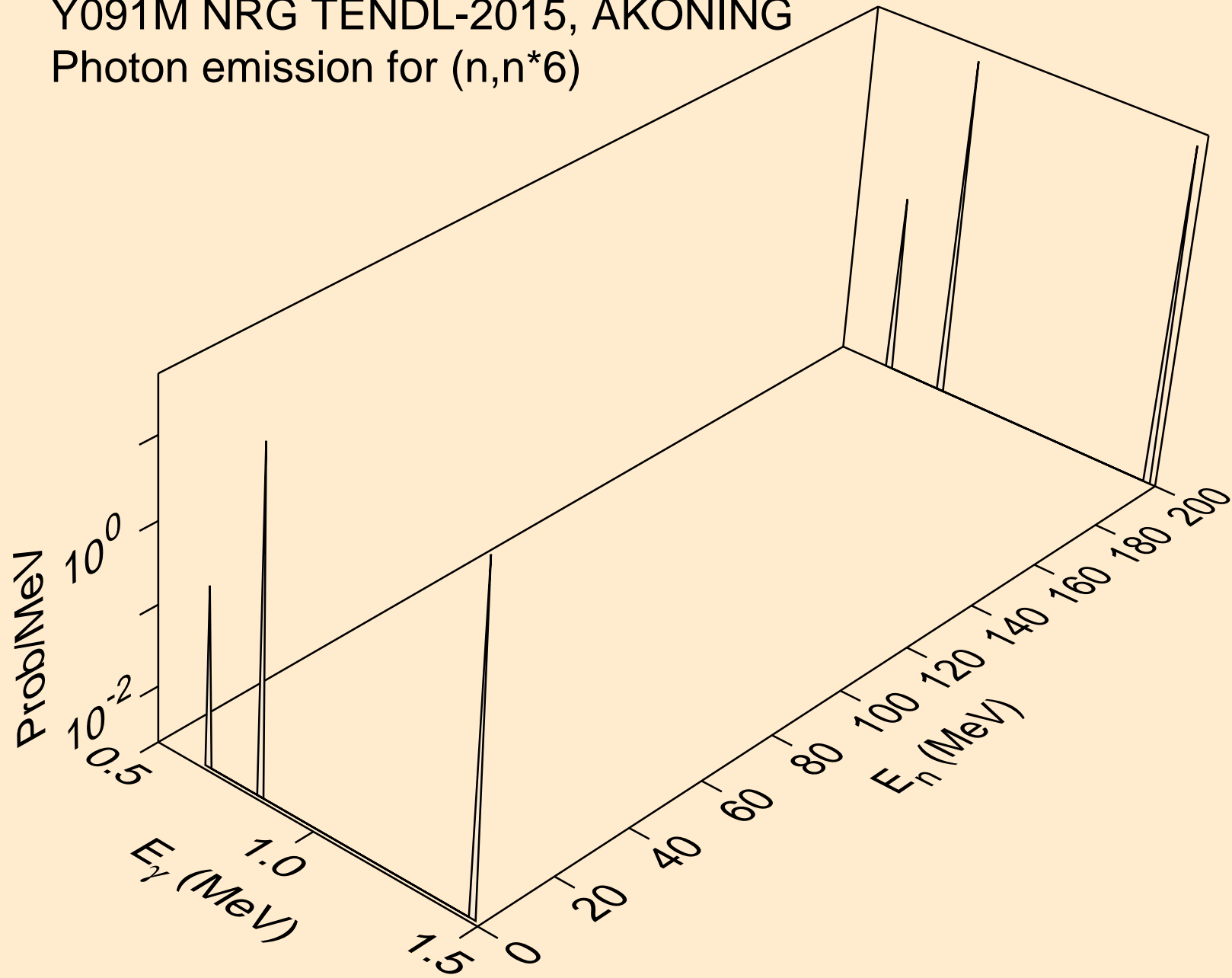
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Photon emission for (n,n\*4)



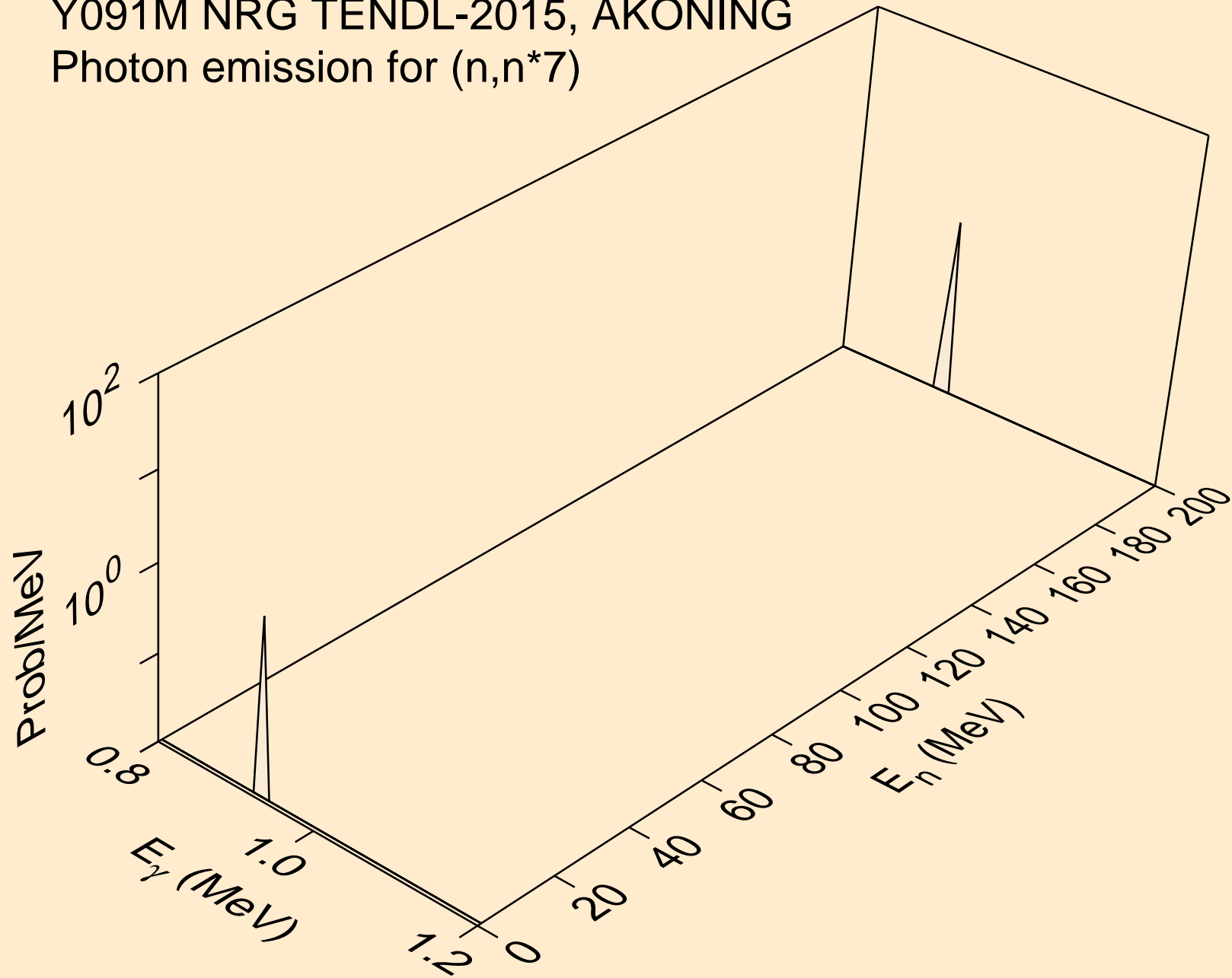
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Photon emission for (n,n\*5)



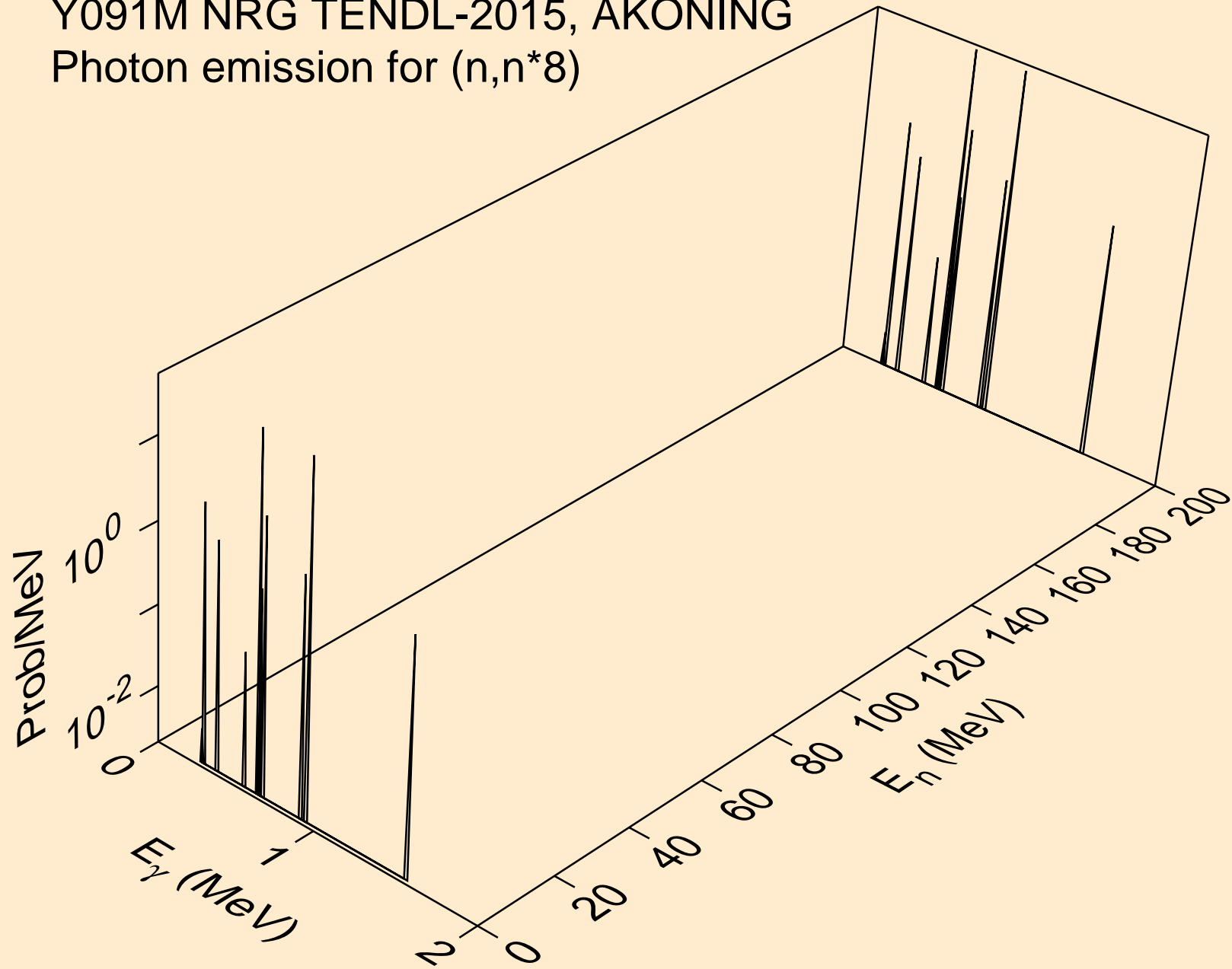
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Photon emission for (n,n\*6)



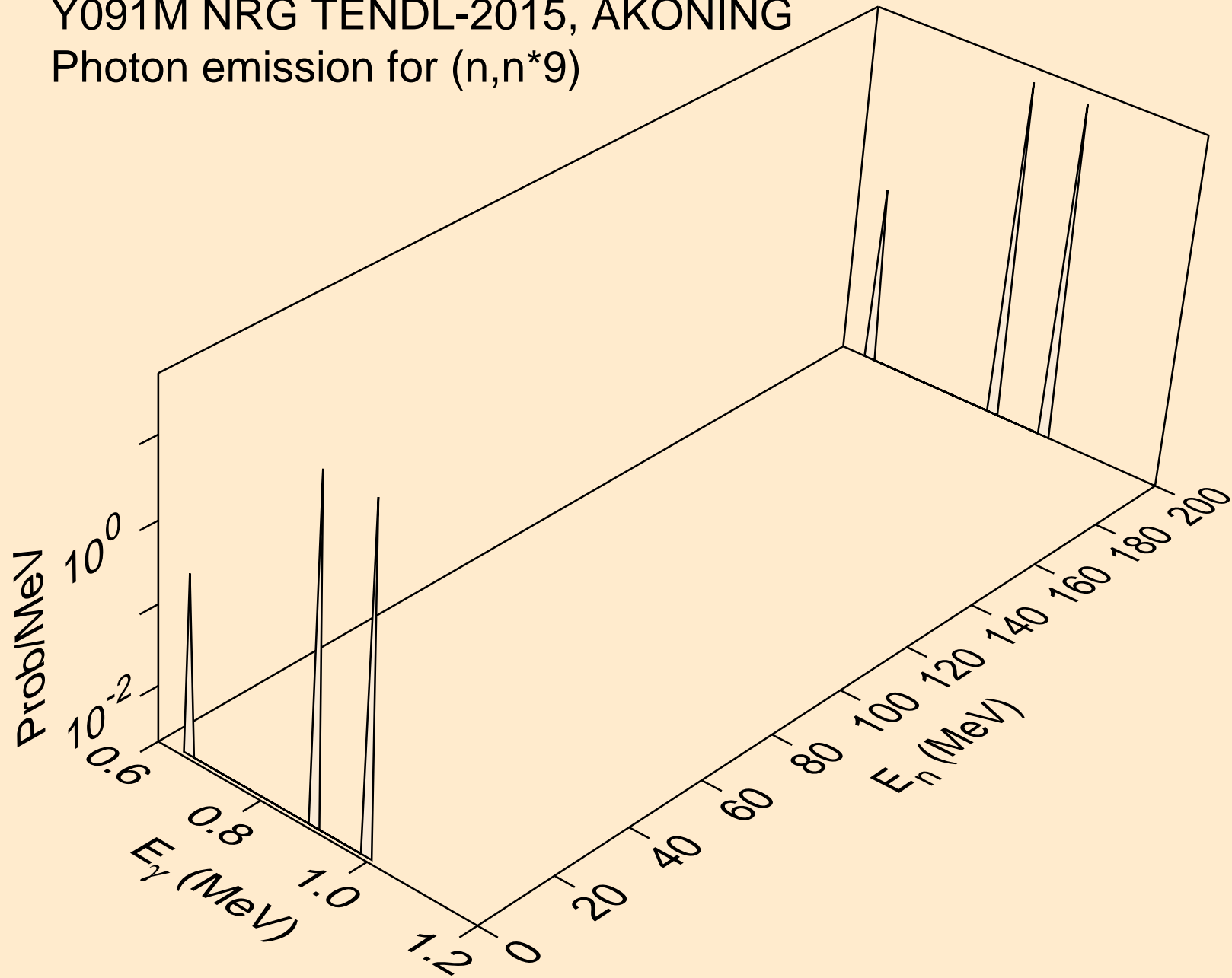
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Photon emission for (n,n\*7)



Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)

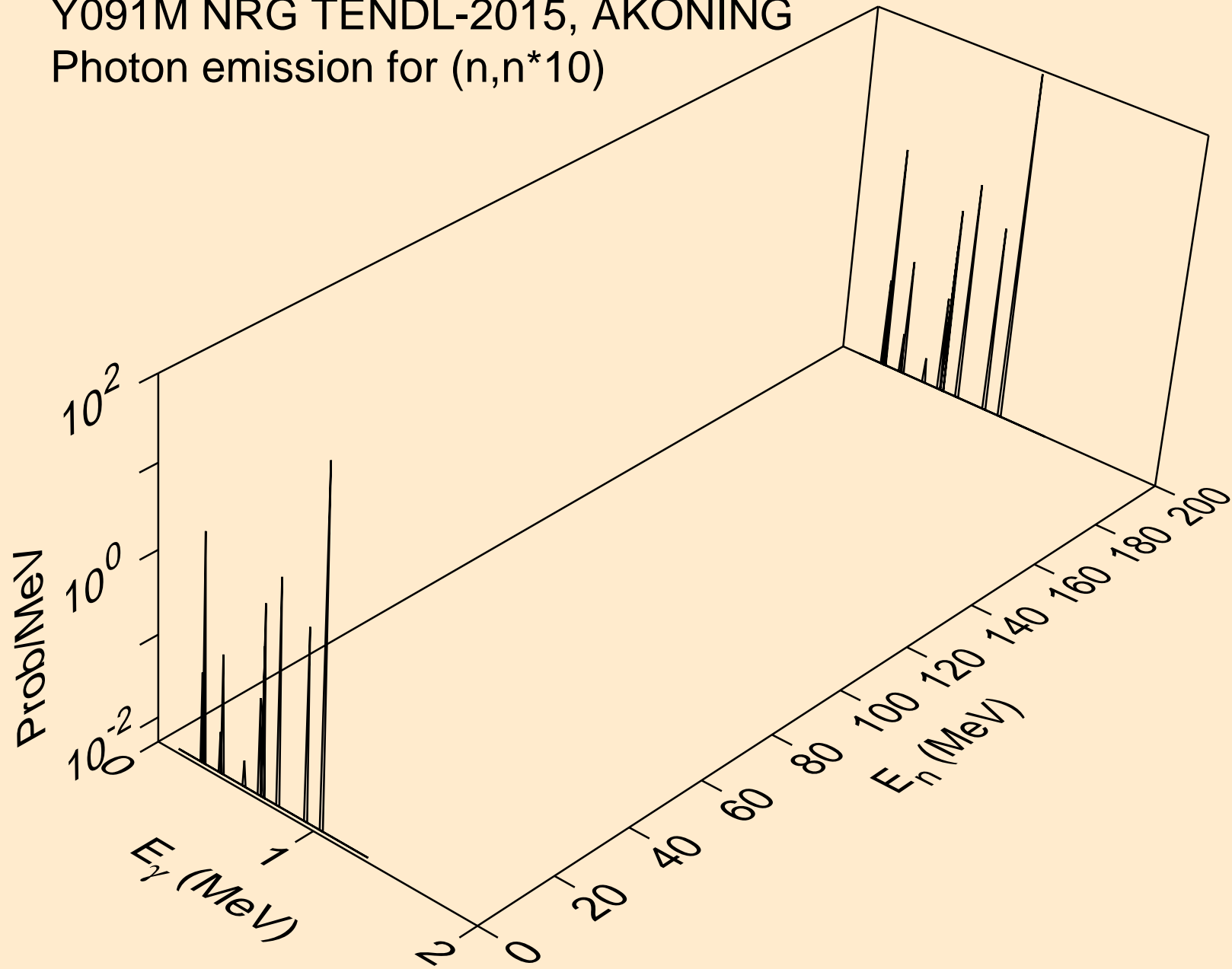


Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)

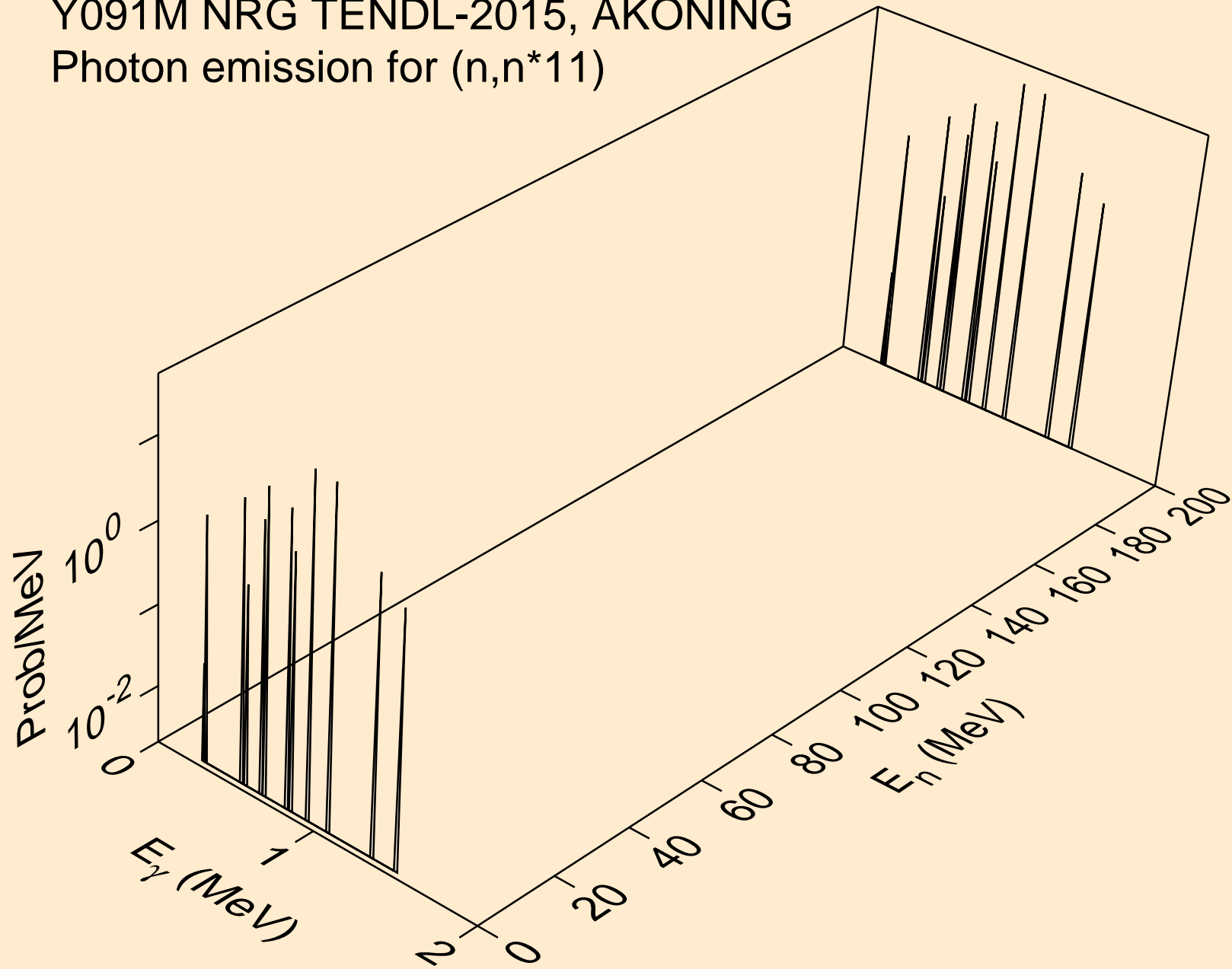




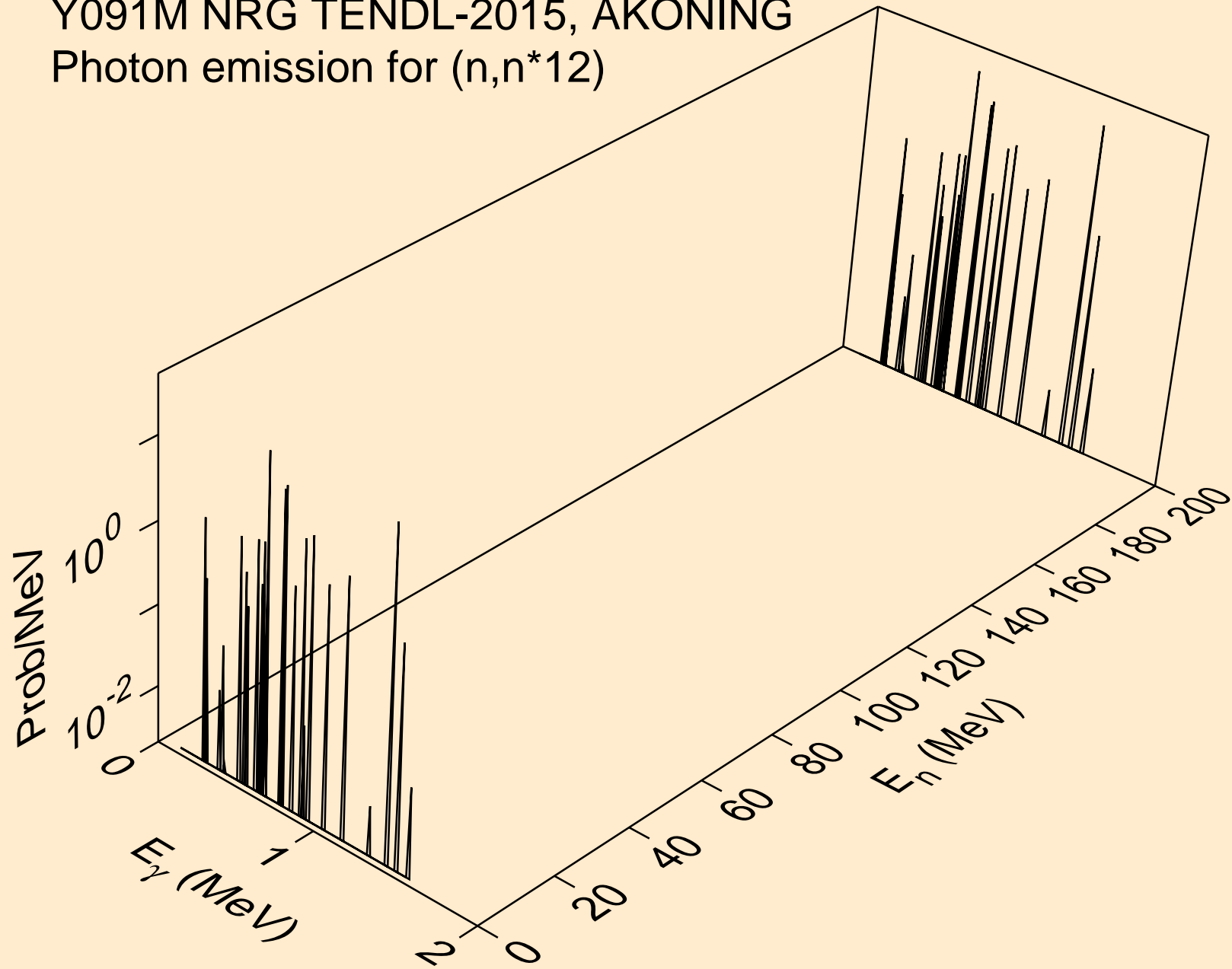
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Photon emission for (n,n\*10)



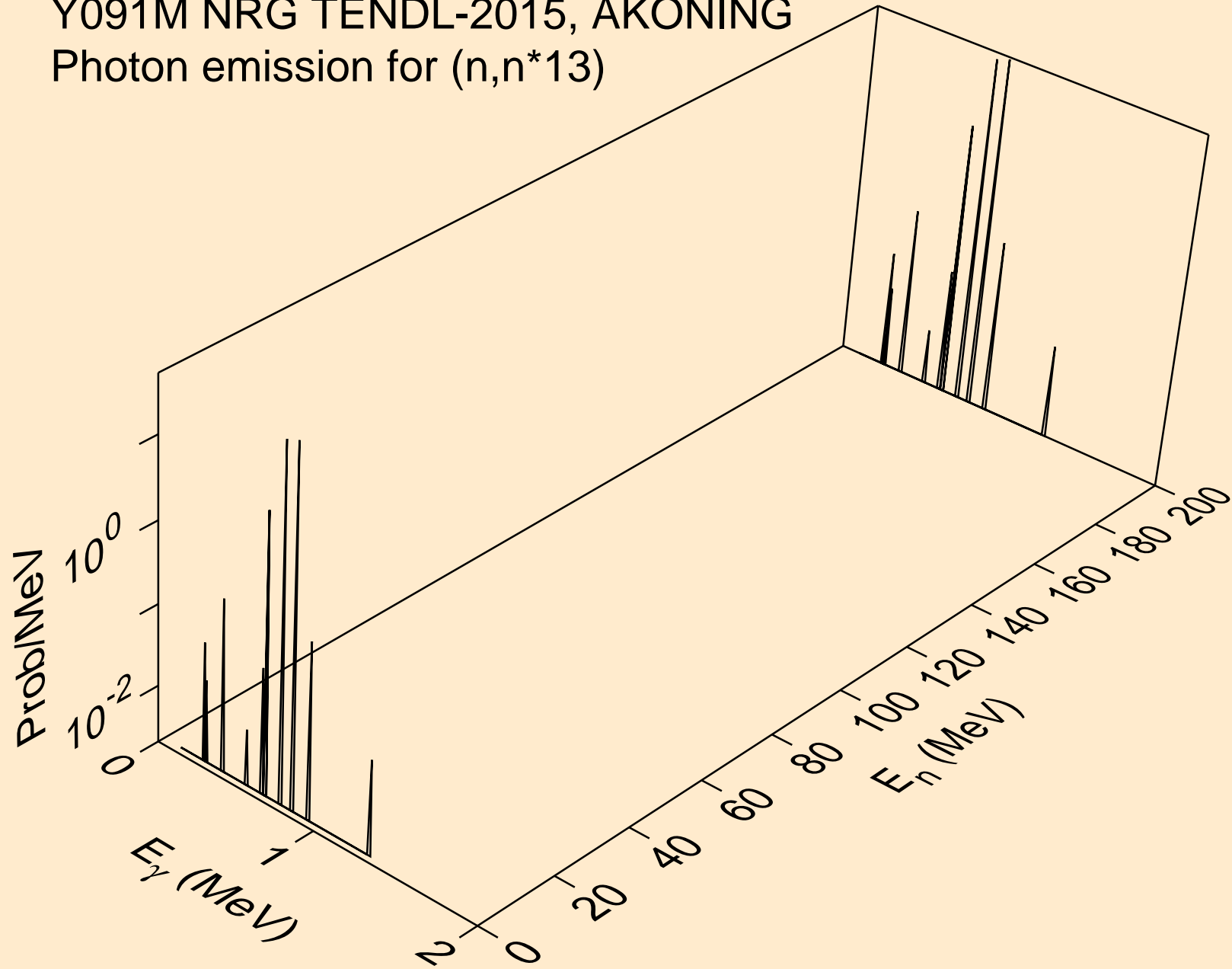
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Photon emission for (n,n\*11)



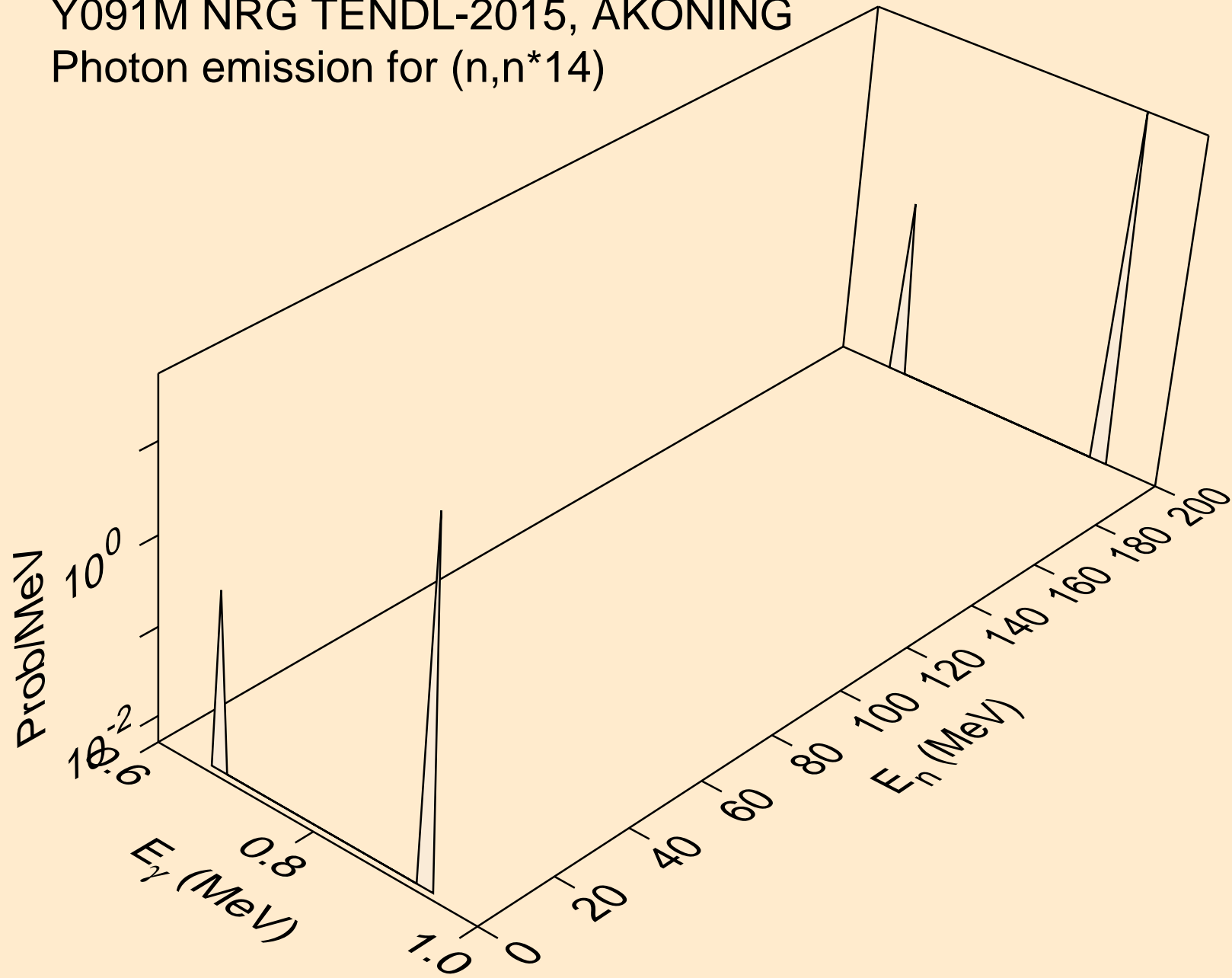
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Photon emission for (n,n\*12)



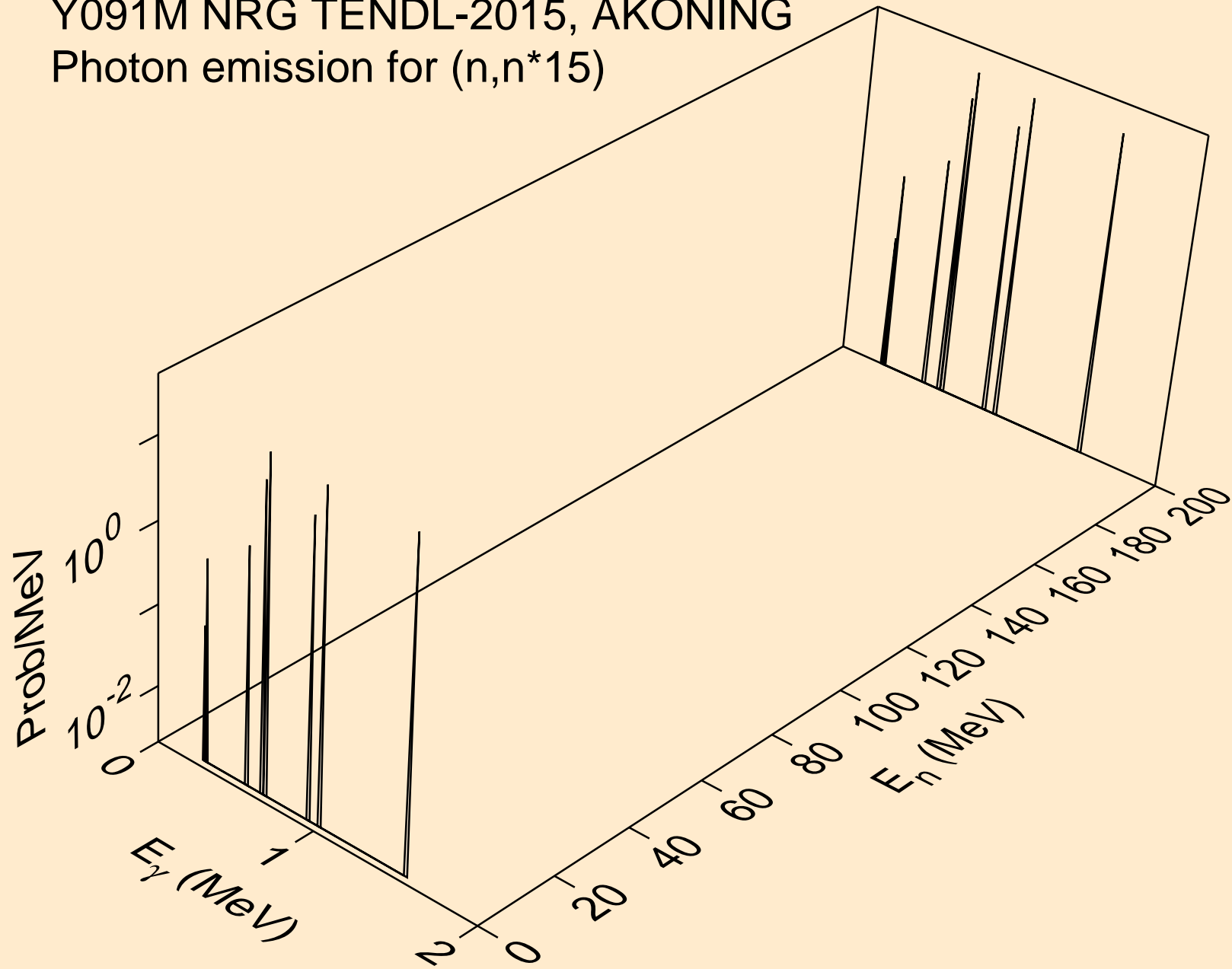
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Photon emission for (n,n\*13)



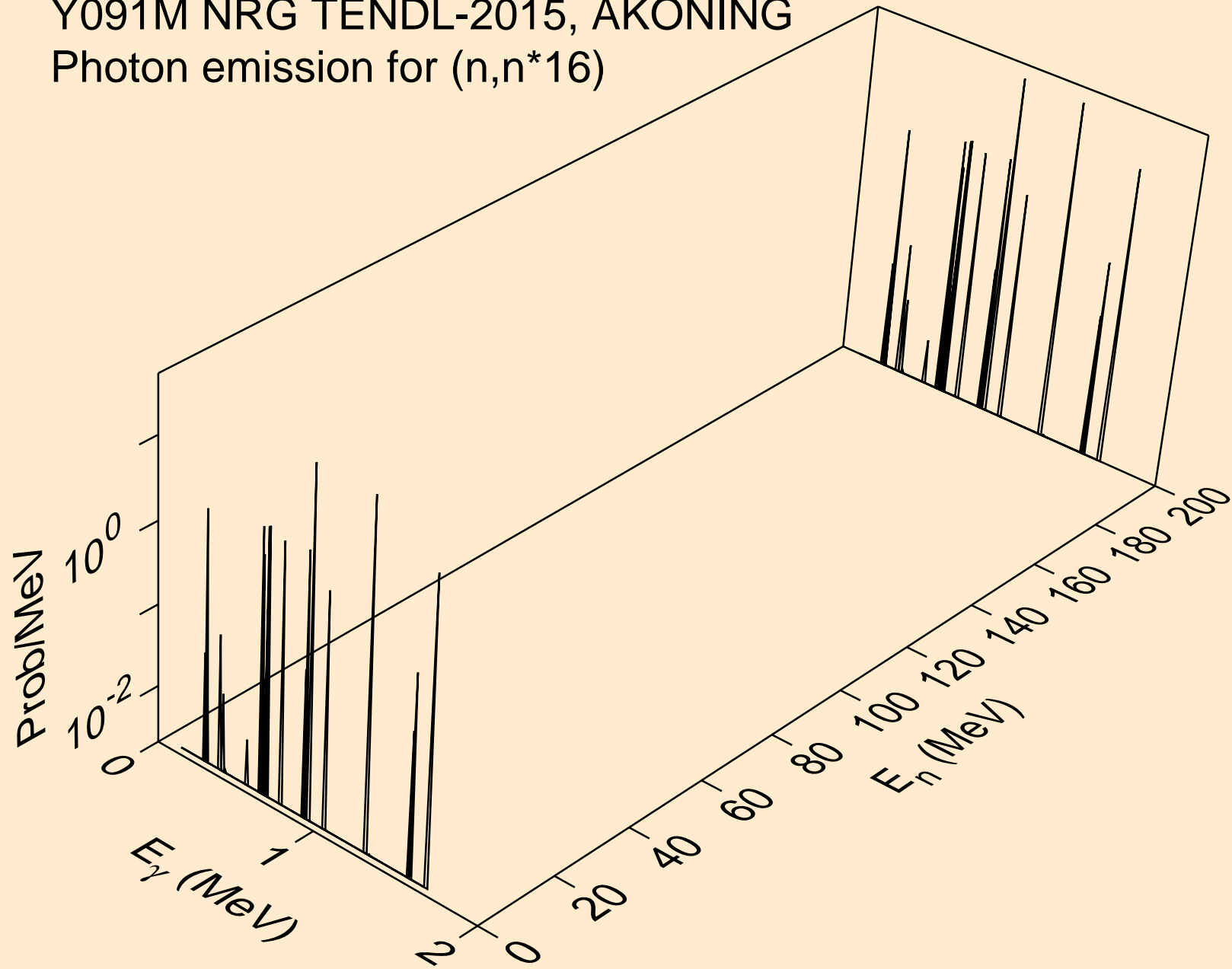
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Photon emission for (n,n\*14)



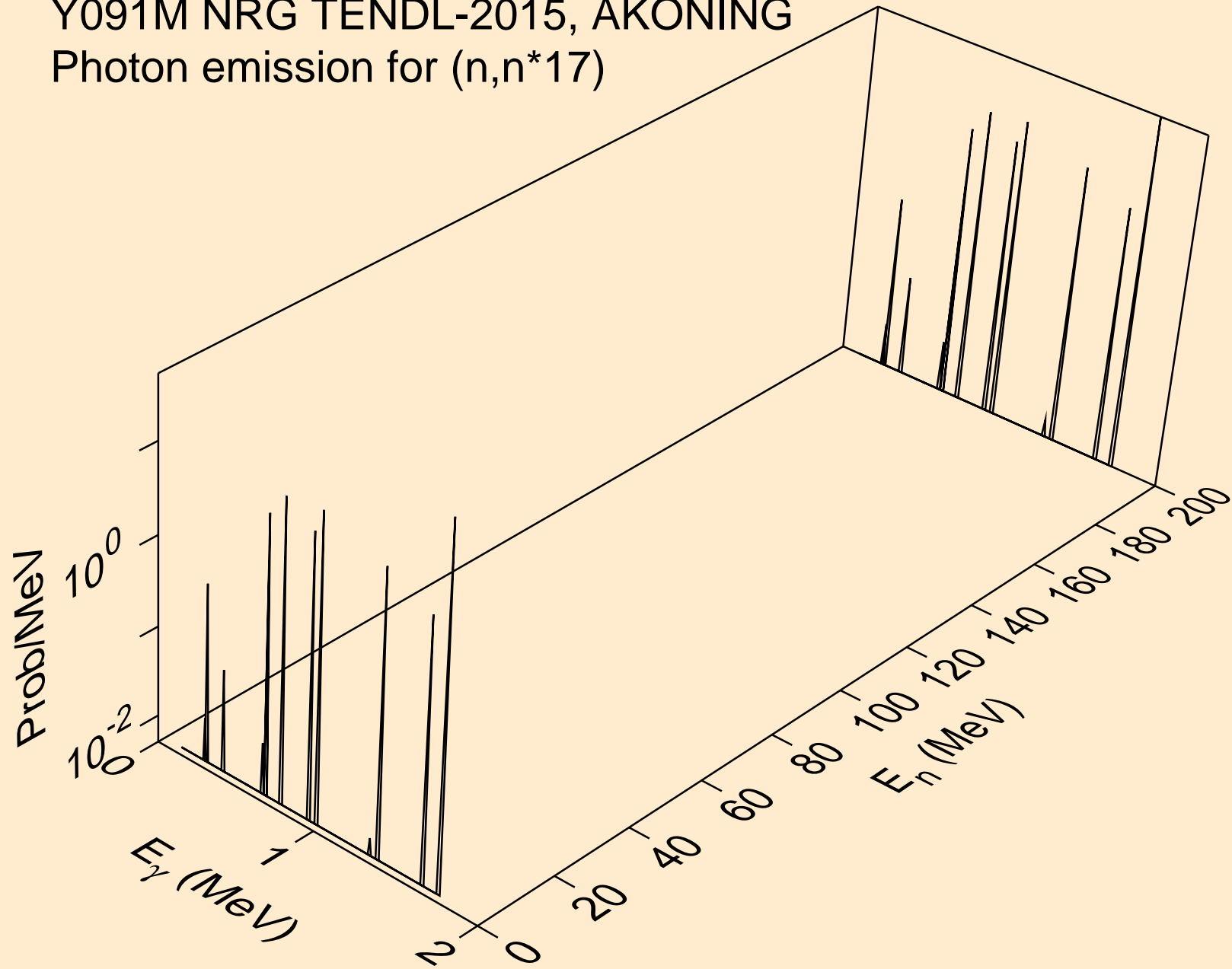
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Photon emission for (n,n\*15)



Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*16)

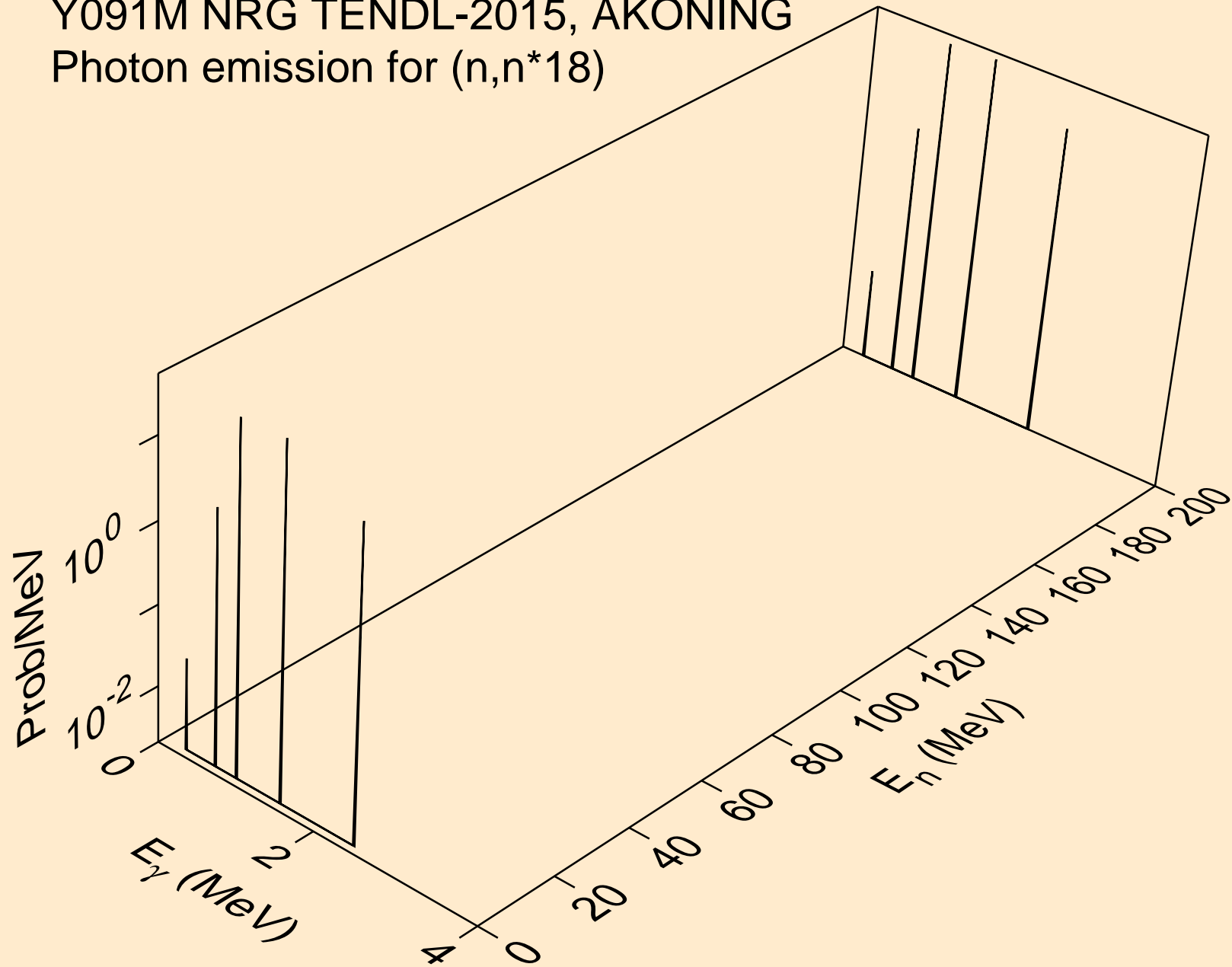


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Photon emission for (n,n\*17)

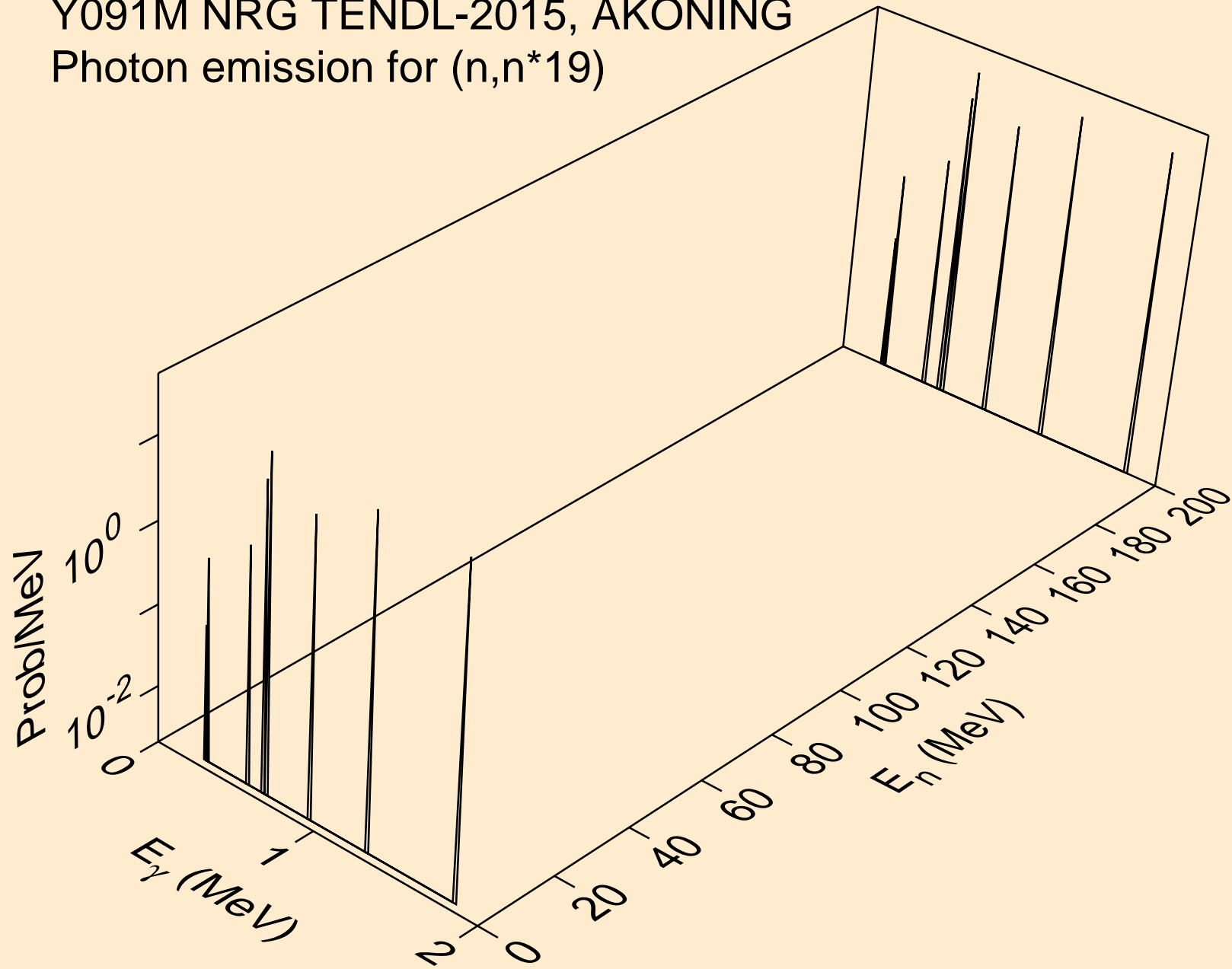




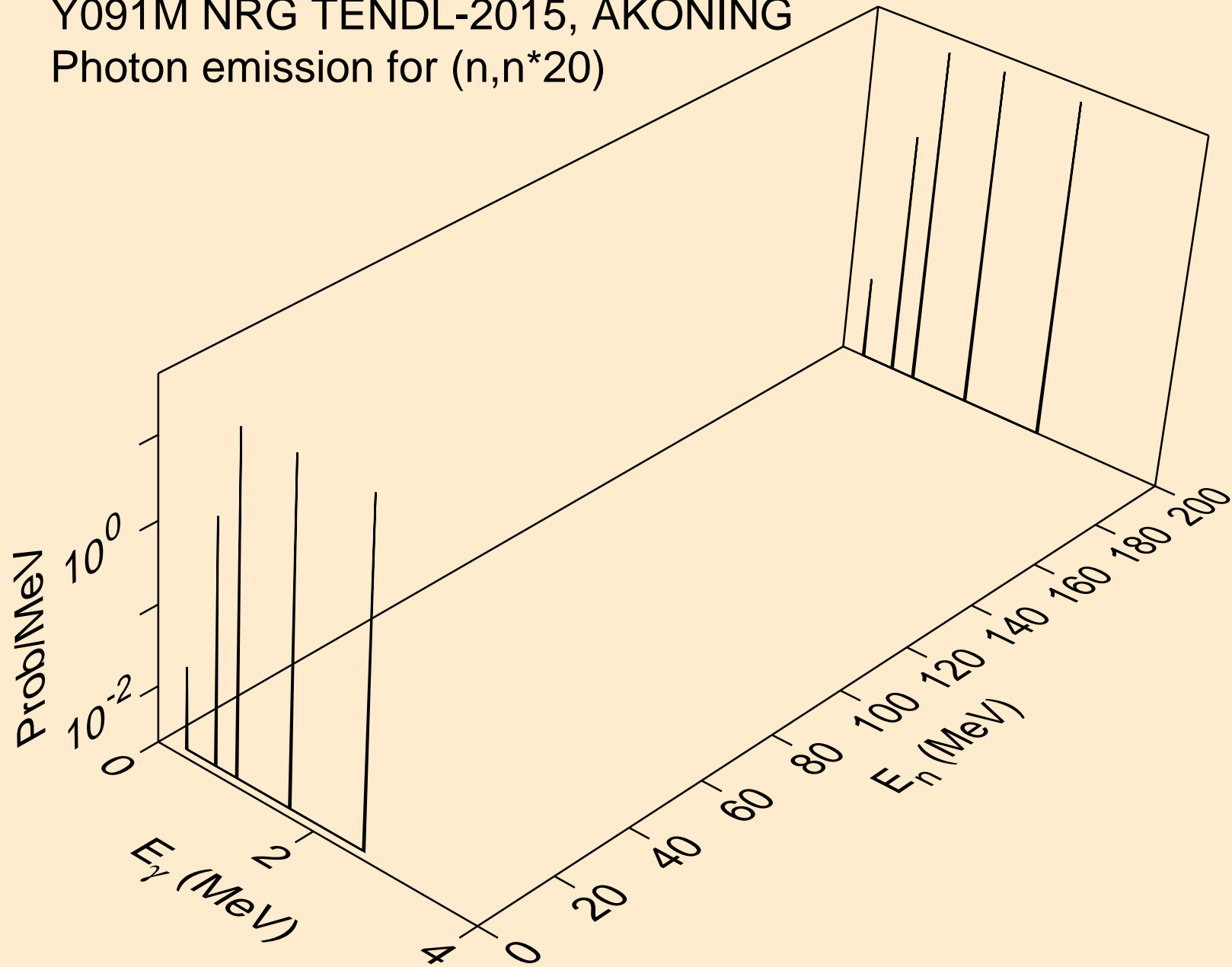
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Photon emission for (n,n\*18)



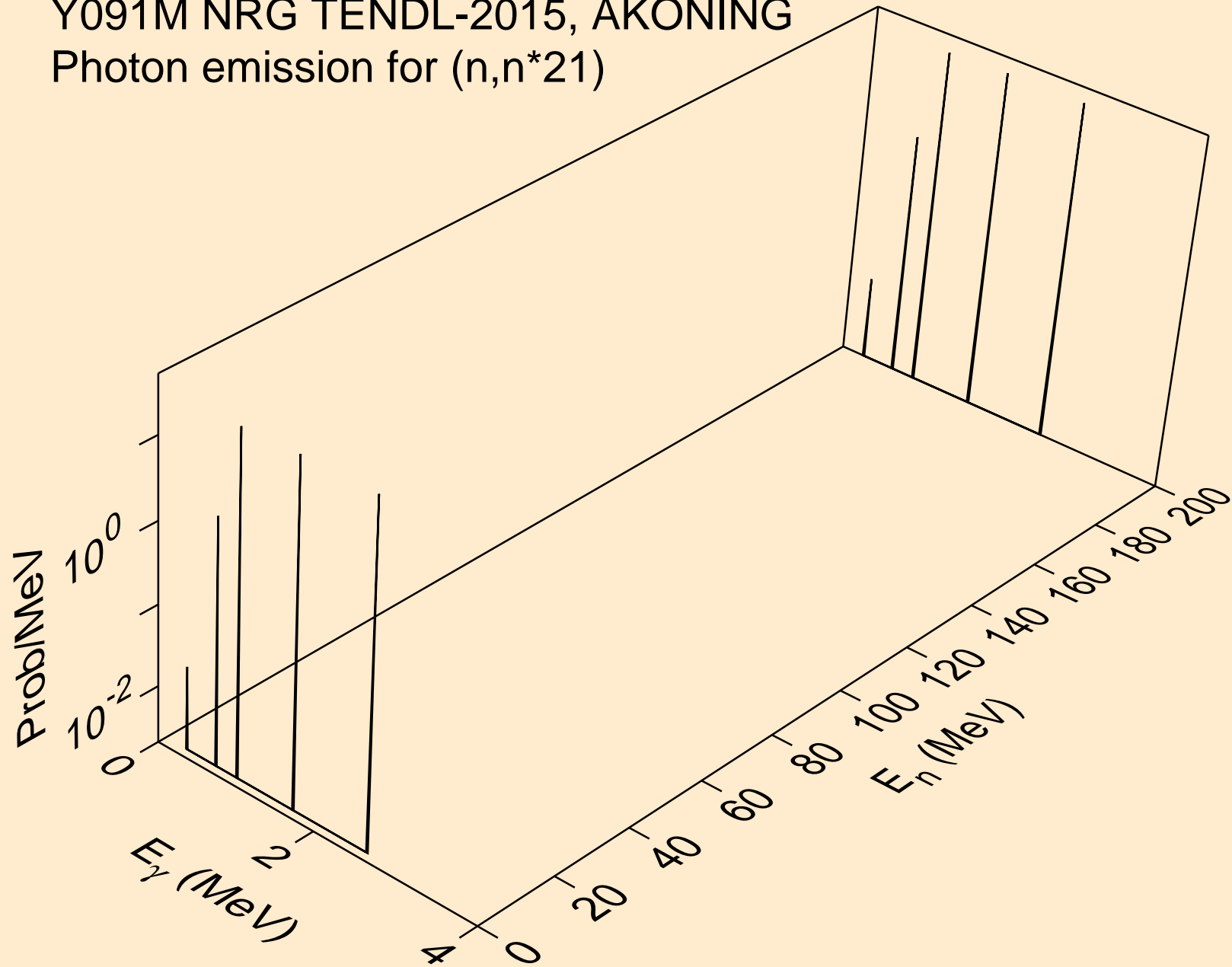
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Photon emission for (n,n\*19)



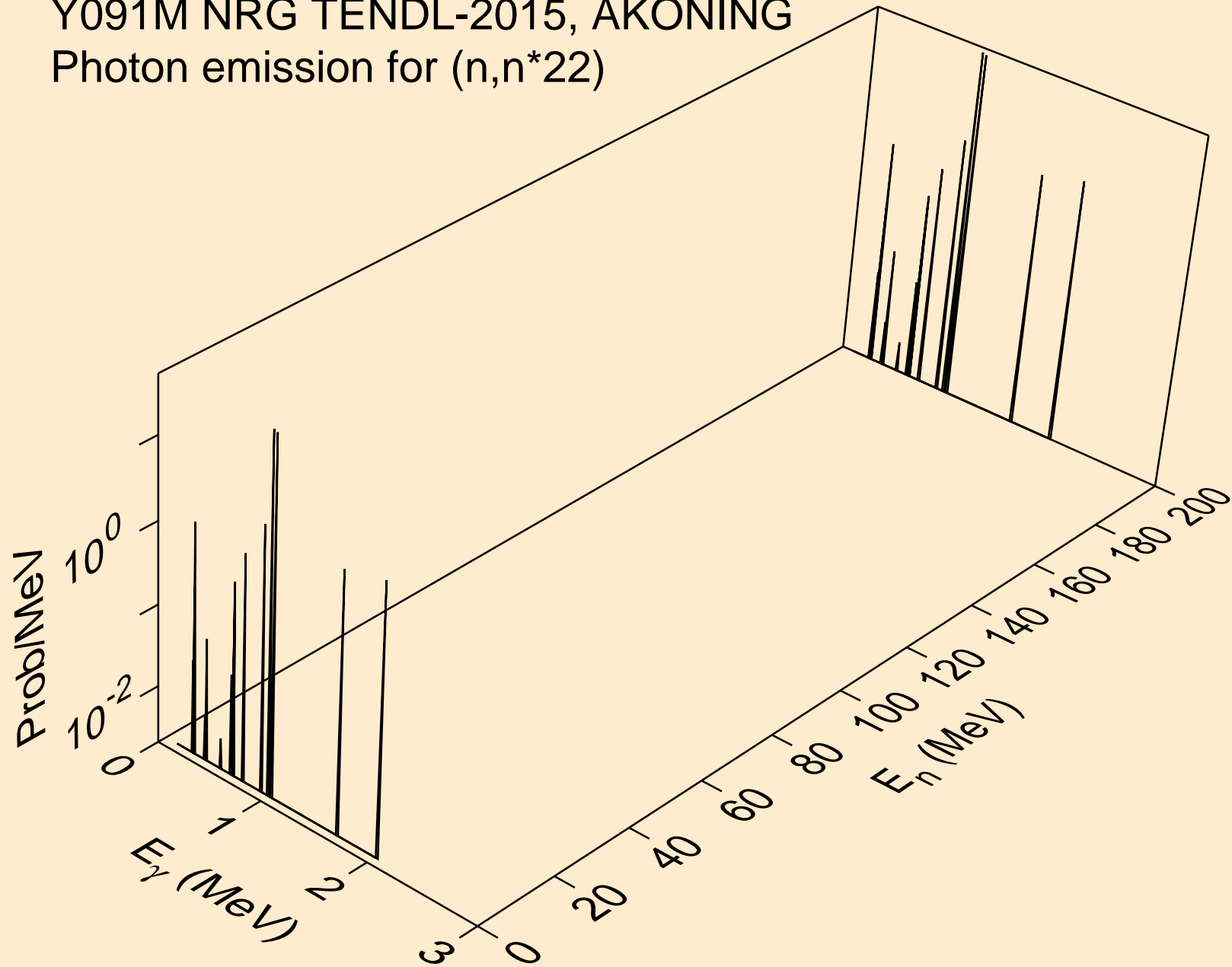
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Photon emission for (n,n\*20)



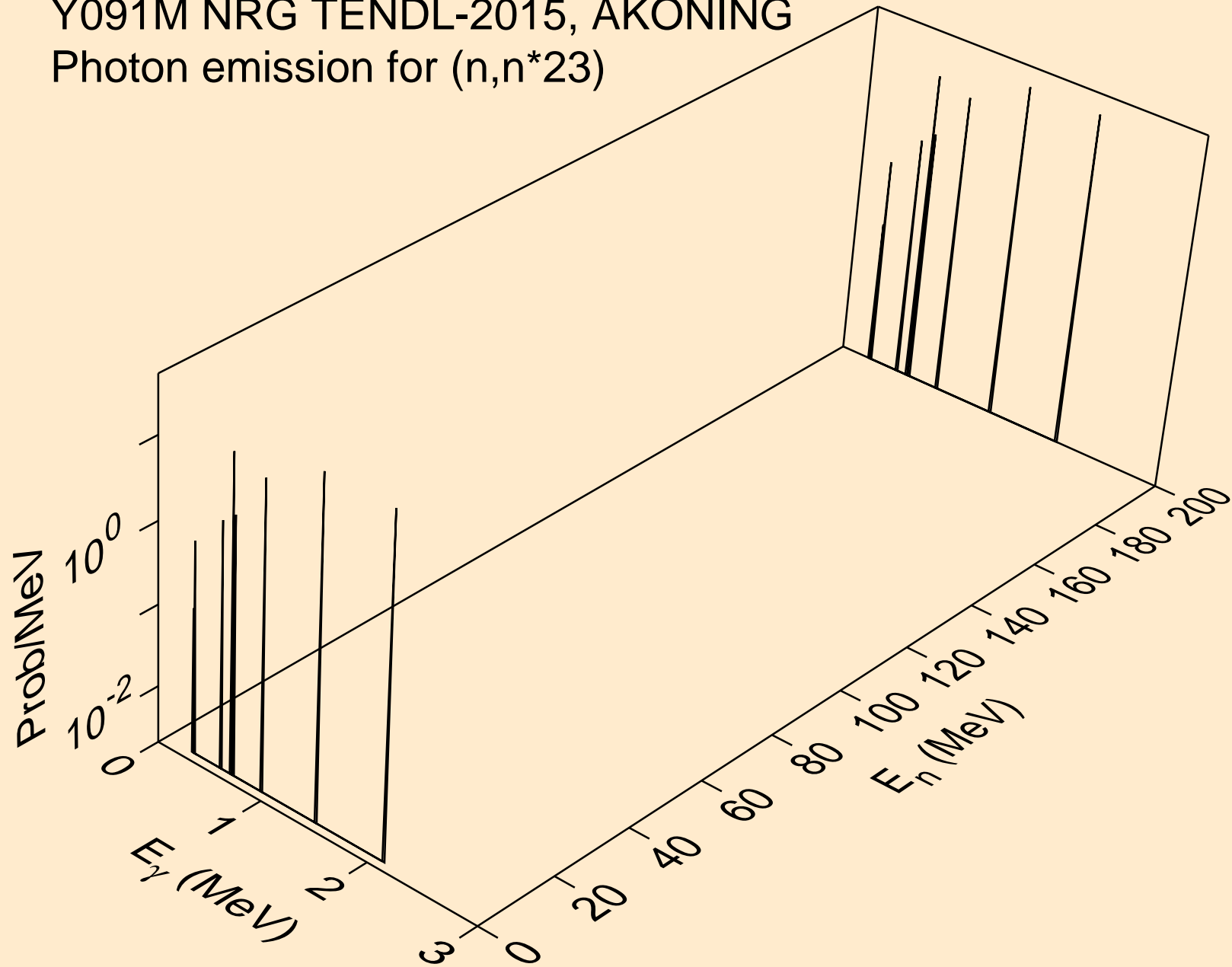
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Photon emission for (n,n\*21)



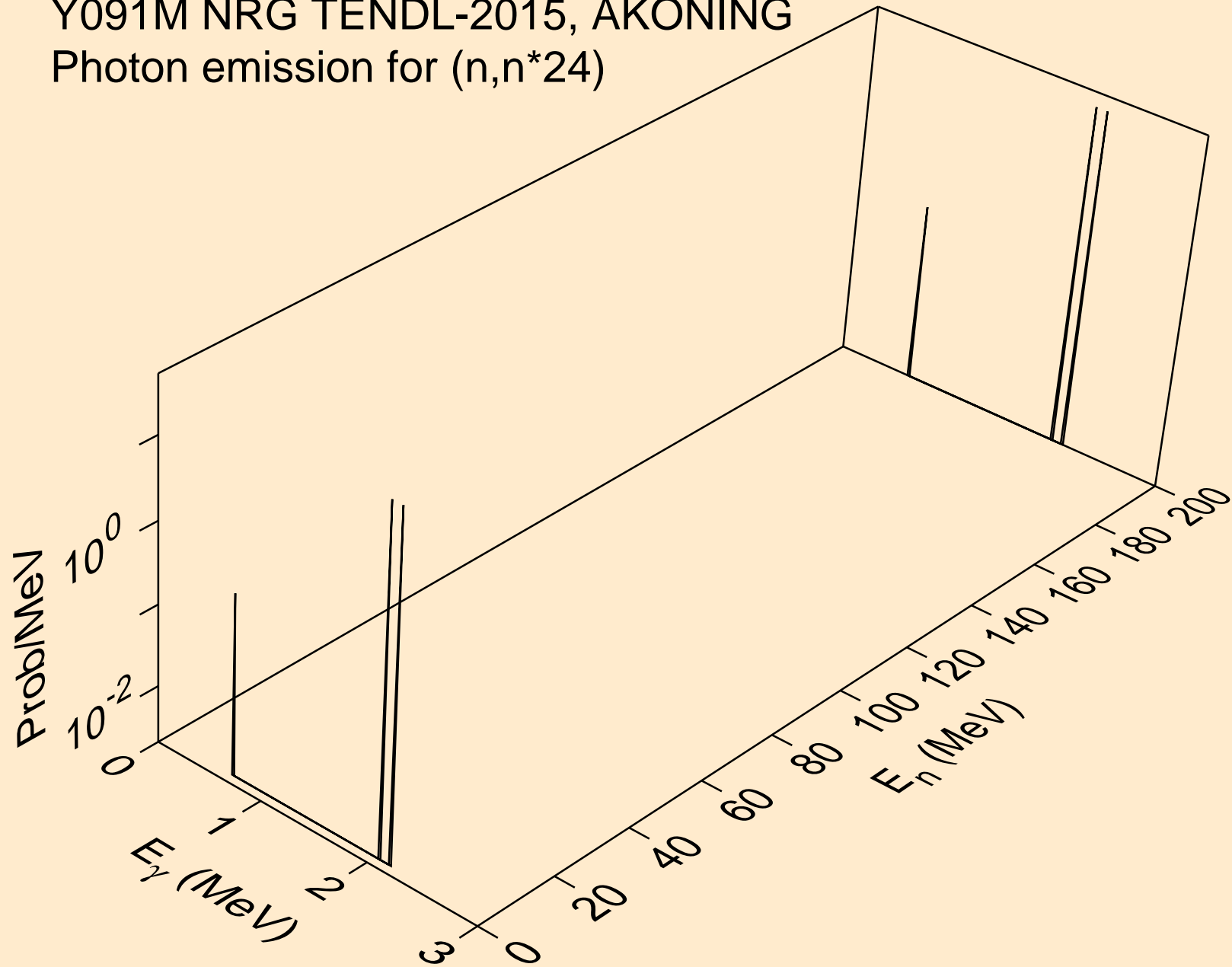
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Photon emission for (n,n\*22)



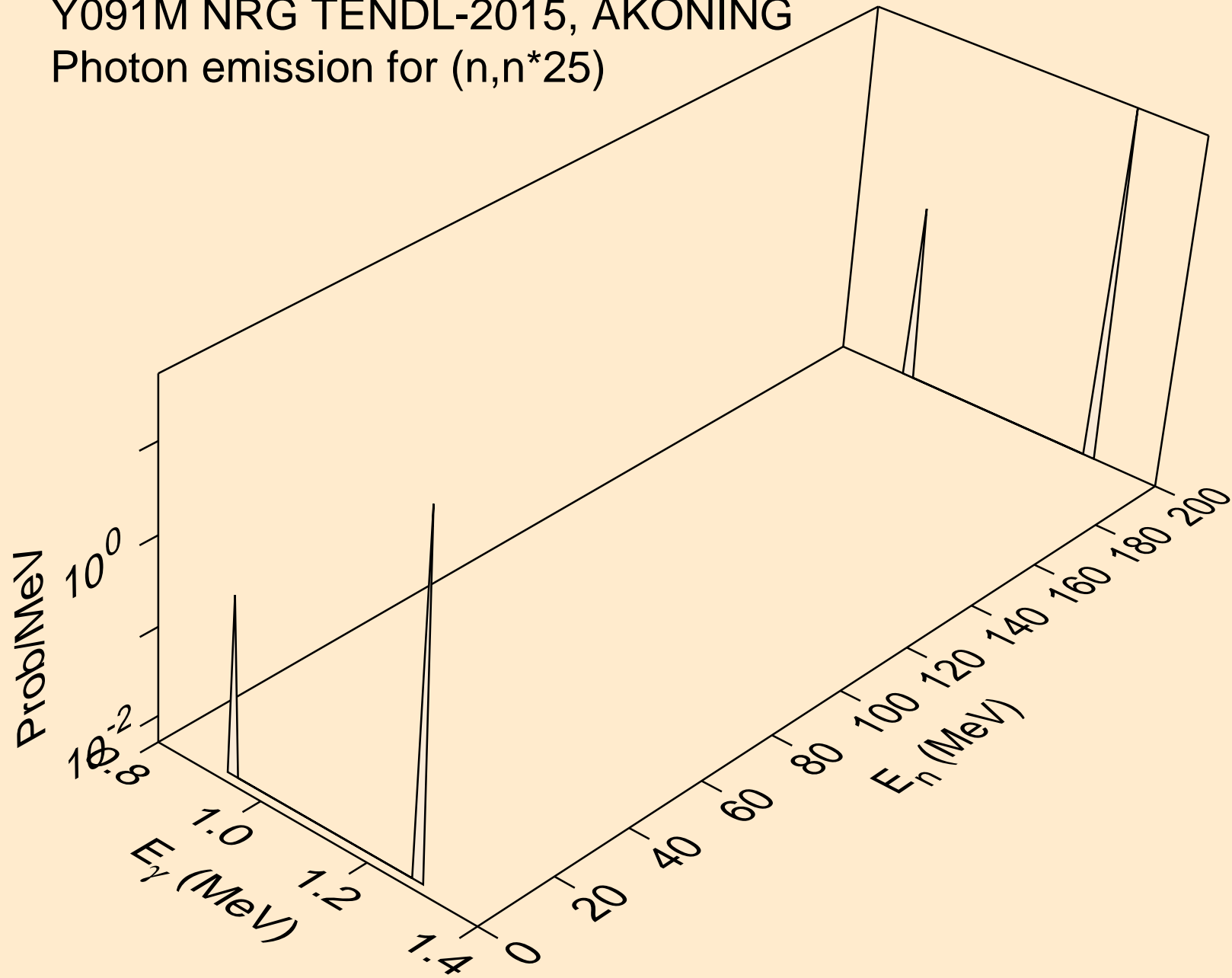
Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*23)



Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*24)

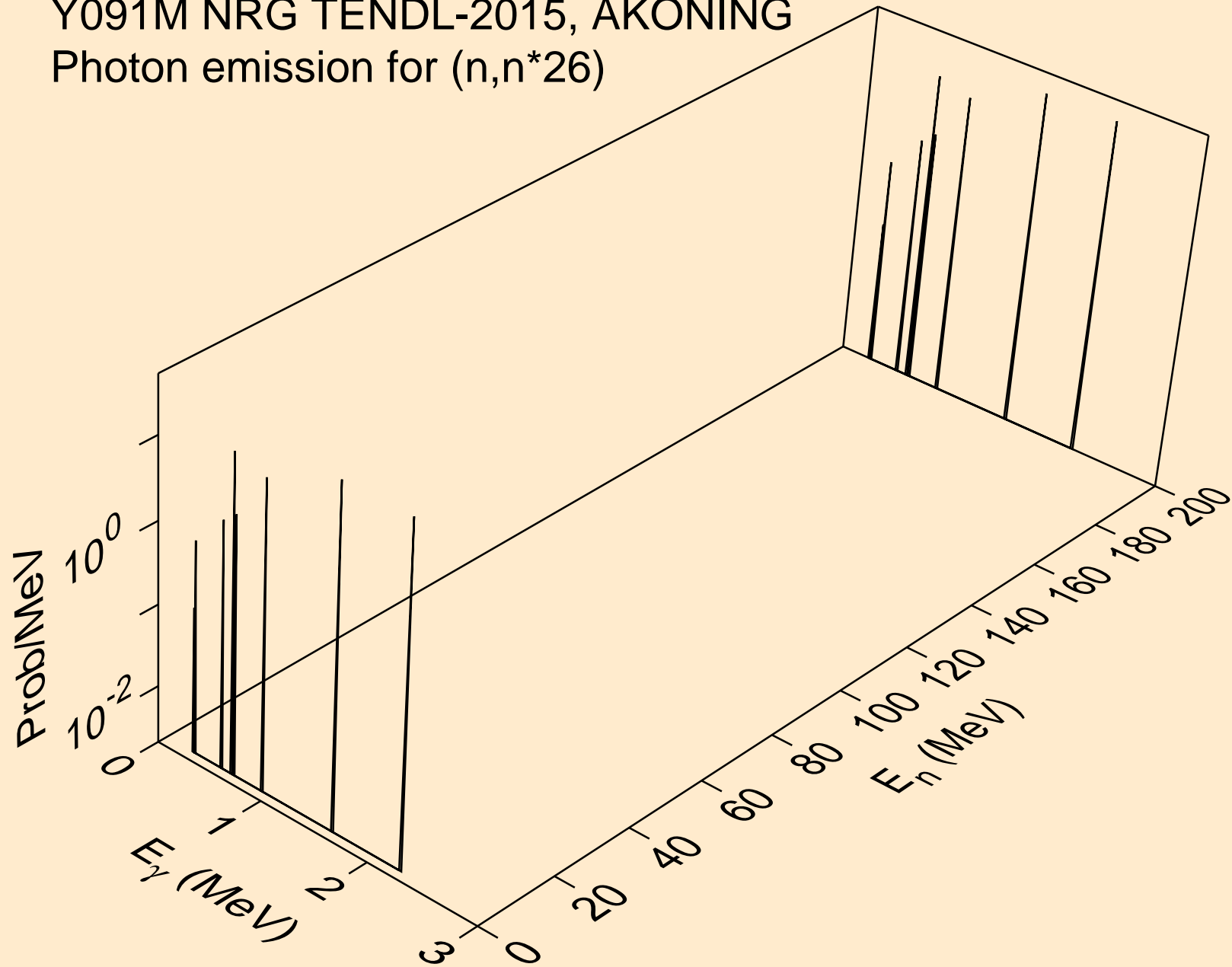


Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)

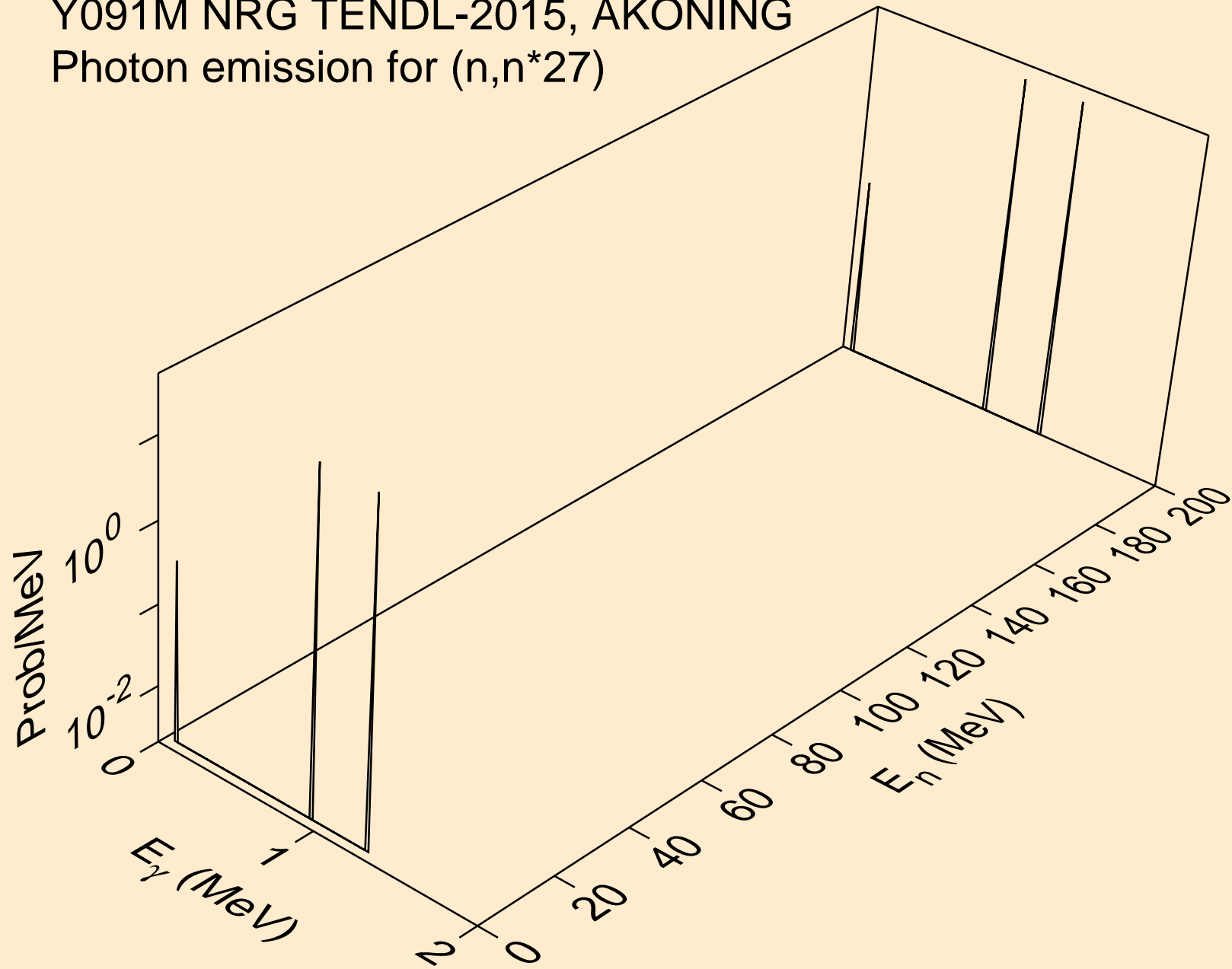




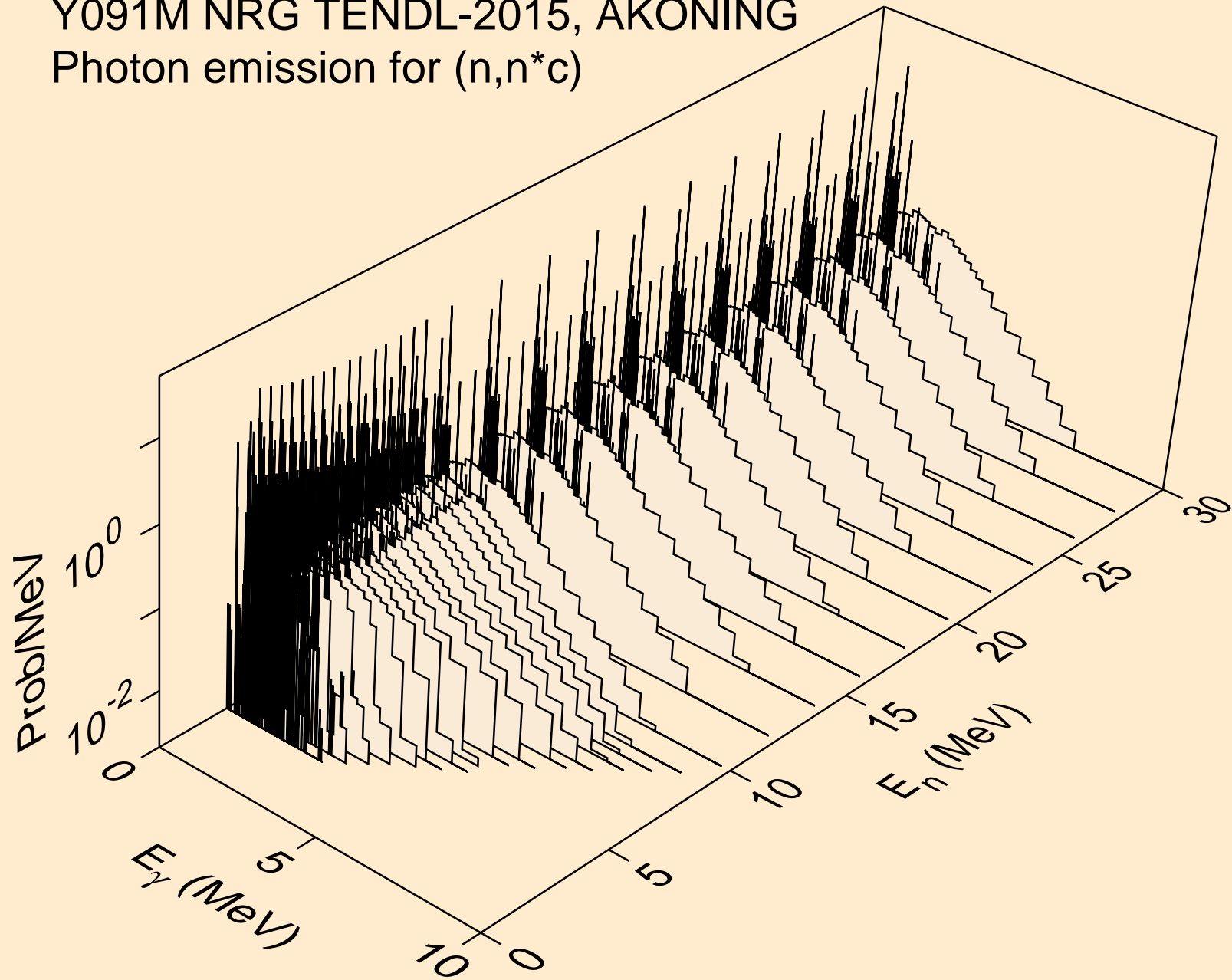
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Photon emission for (n,n\*26)



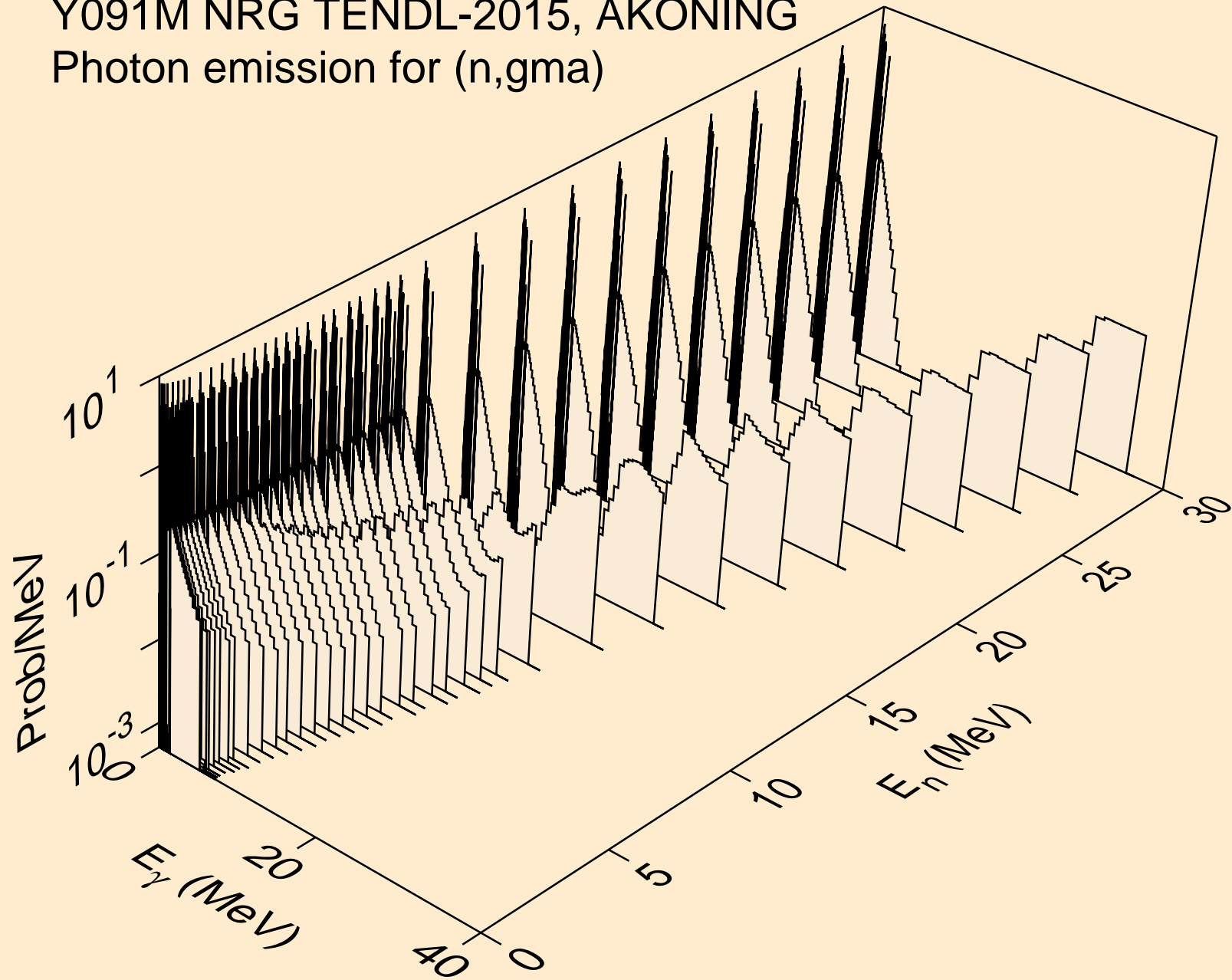
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Photon emission for (n,n\*27)



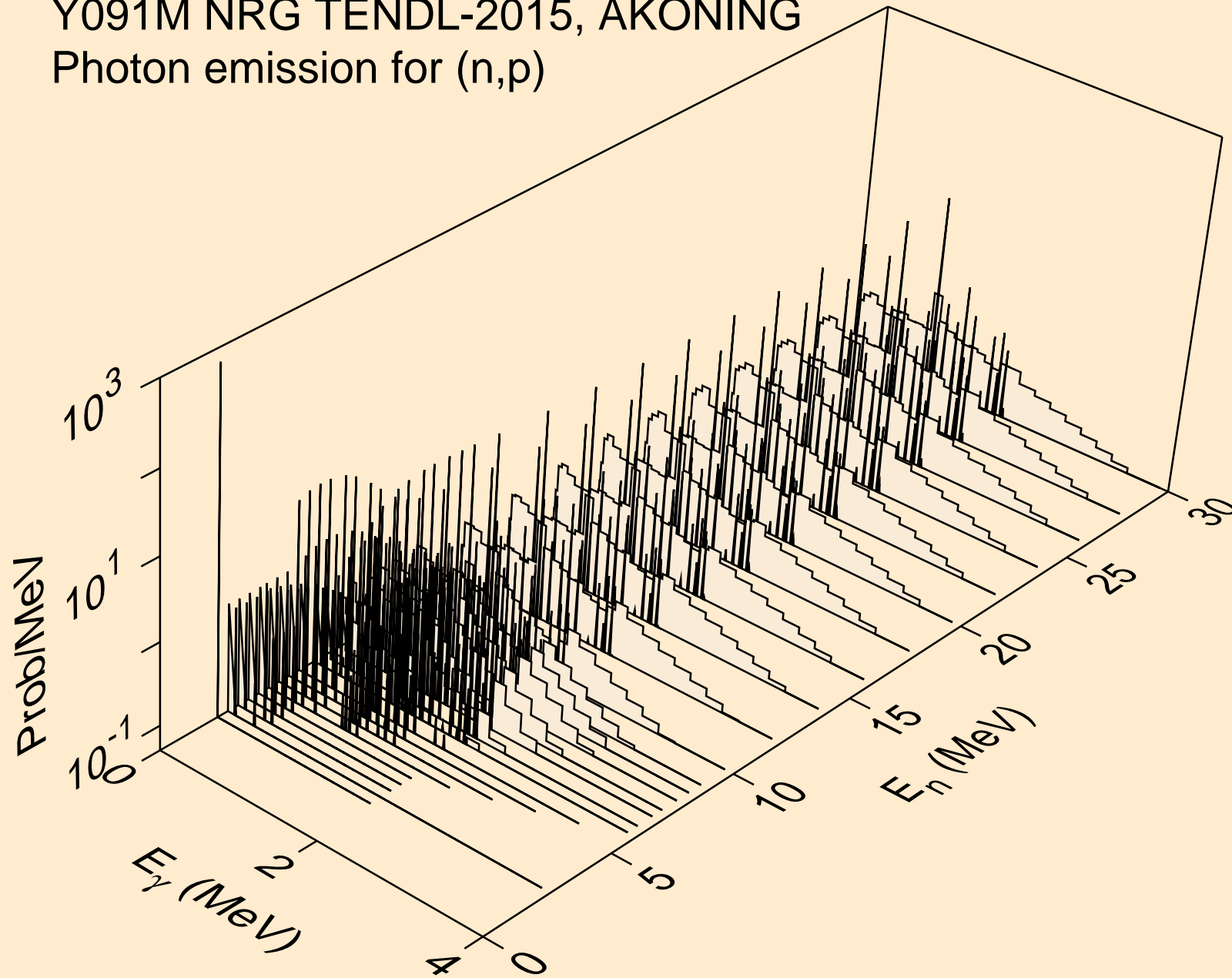
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Photon emission for (n,n\*c)



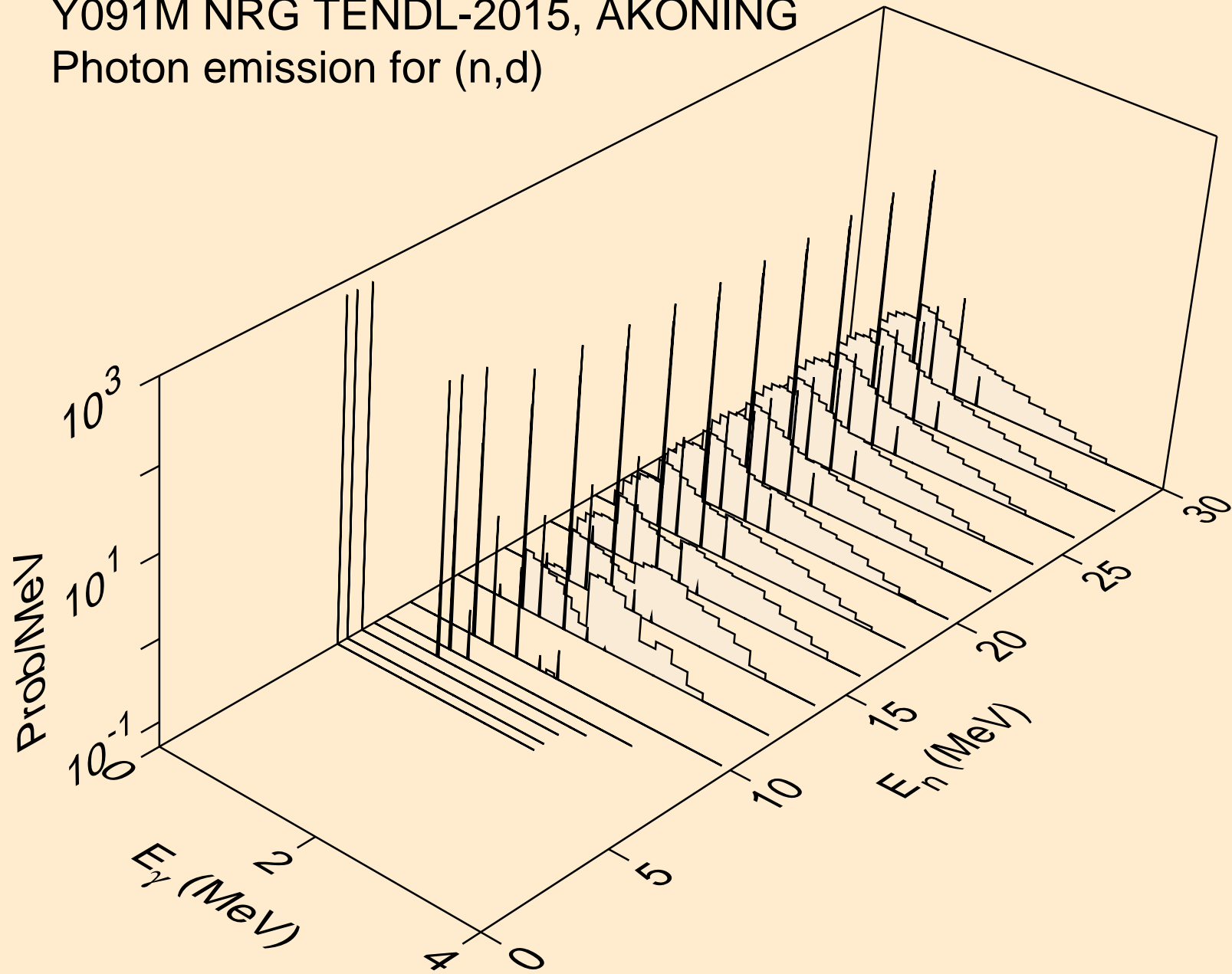
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Photon emission for (n,gma)



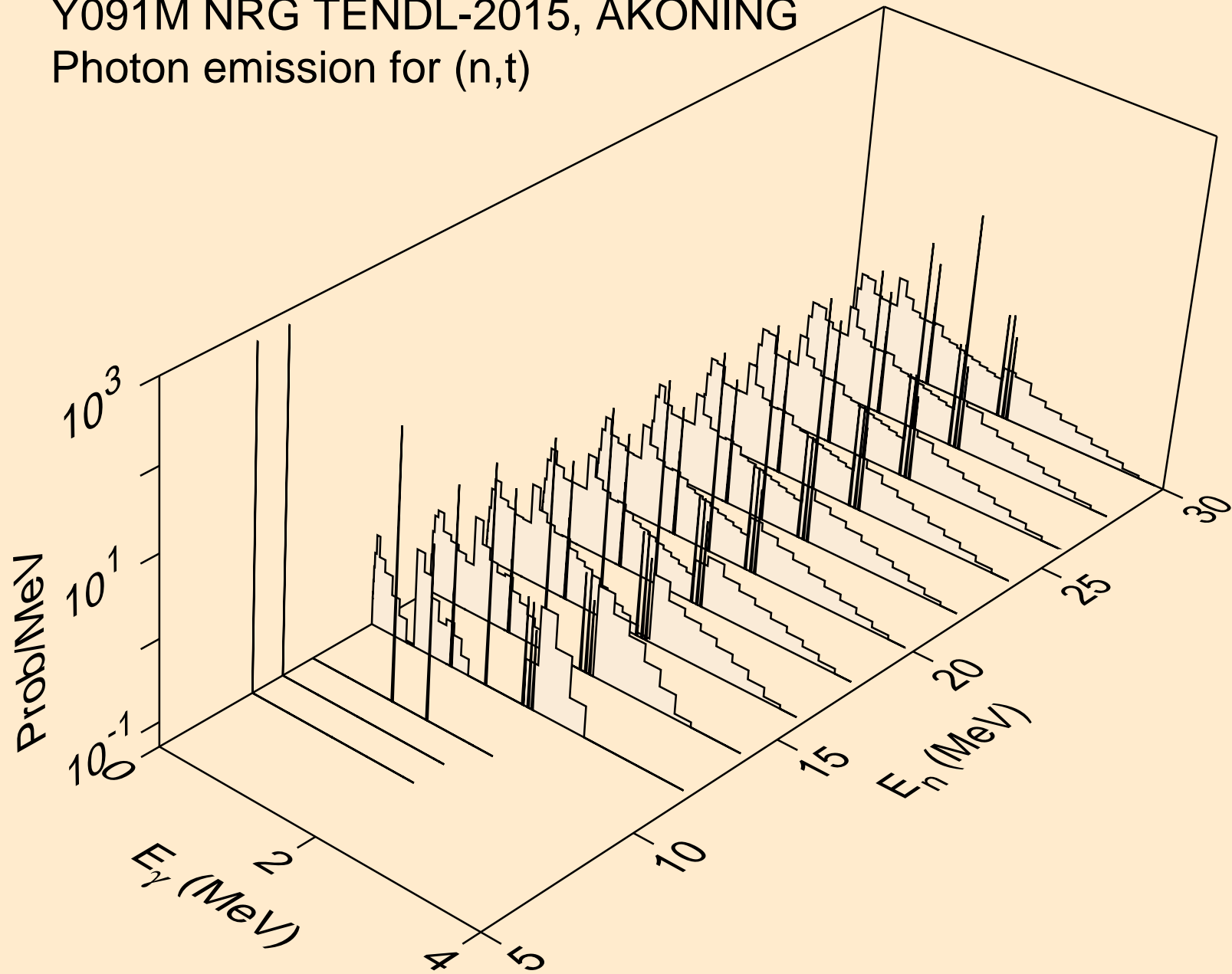
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Photon emission for (n,p)



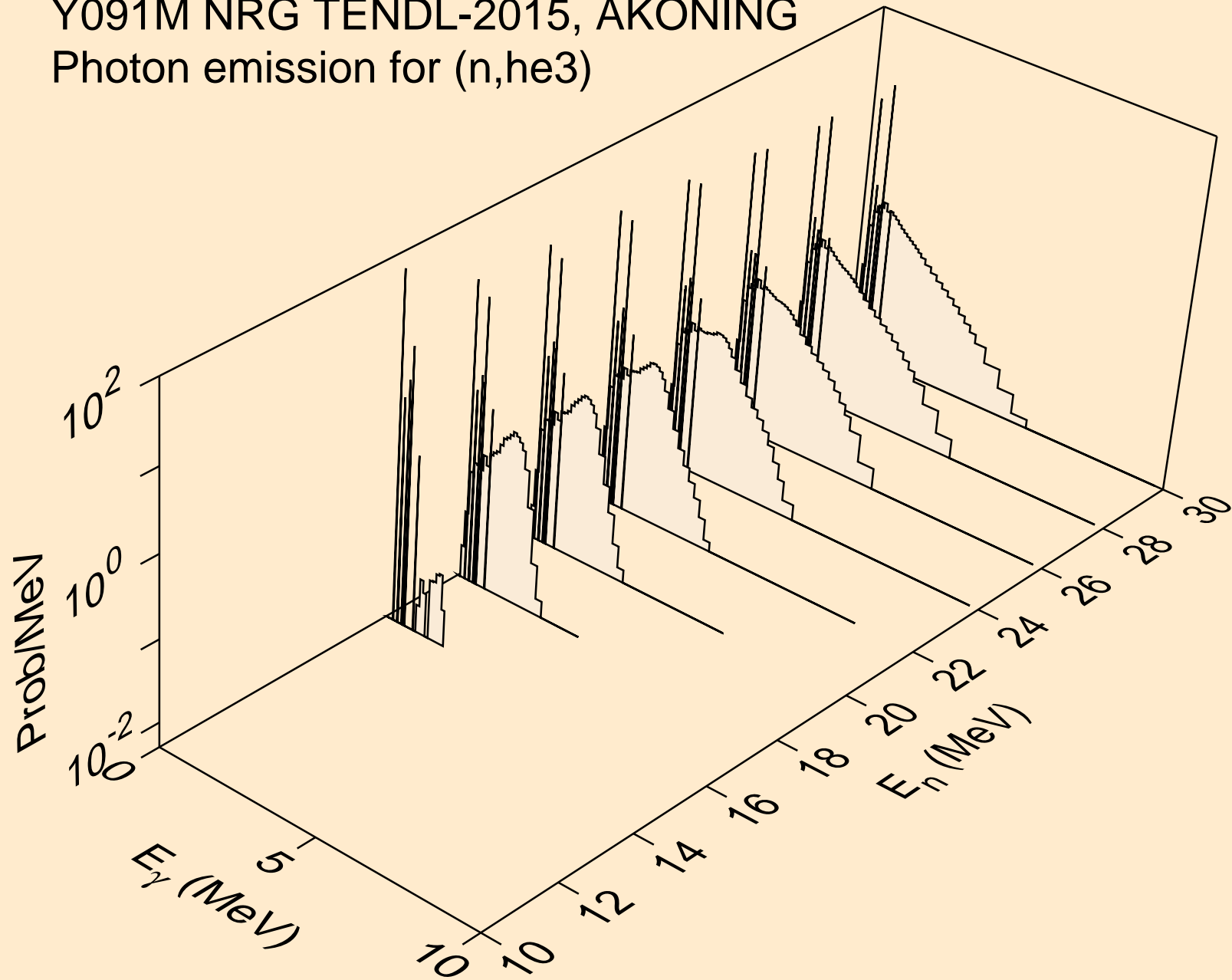
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Photon emission for (n,d)



Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,t)

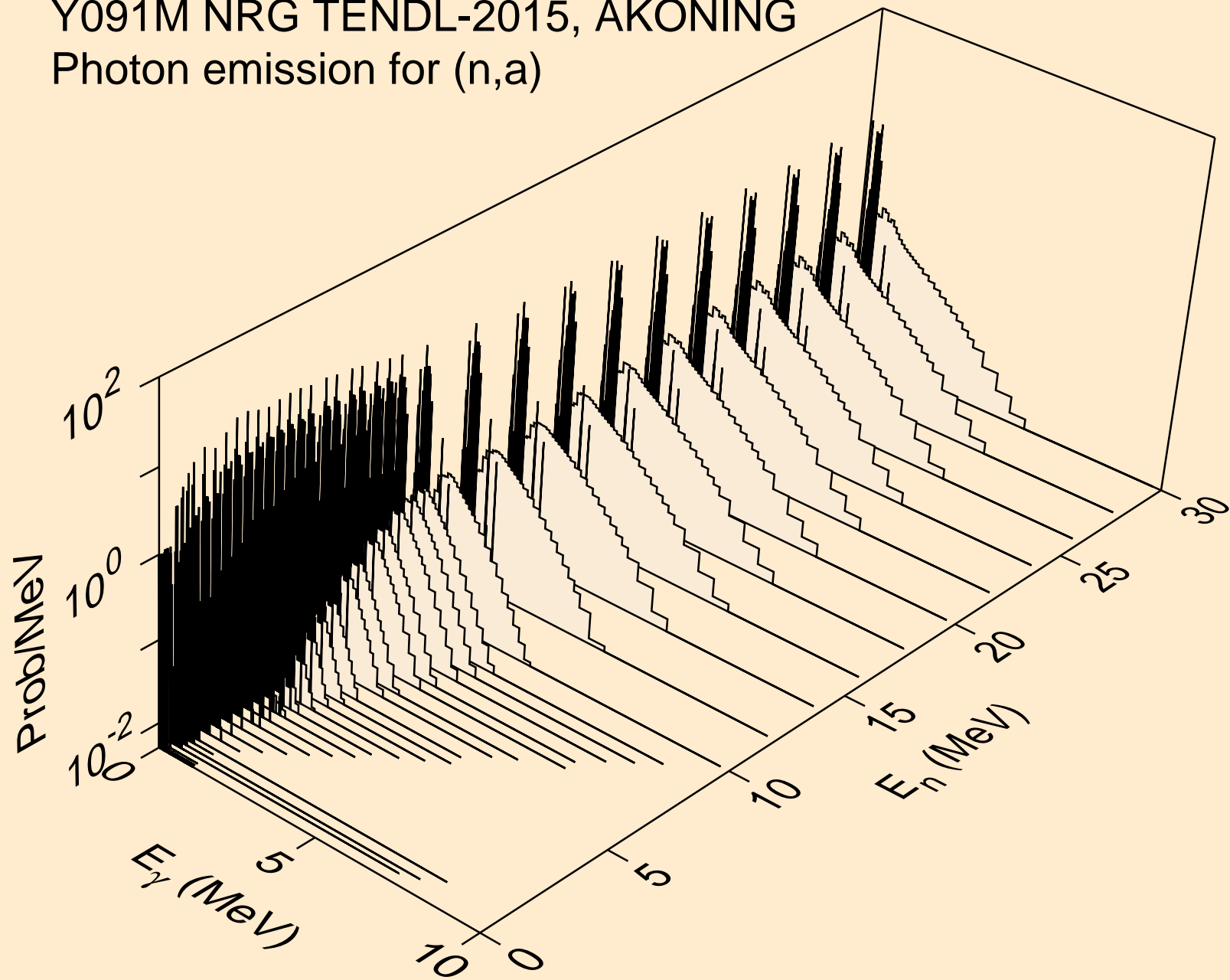


Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

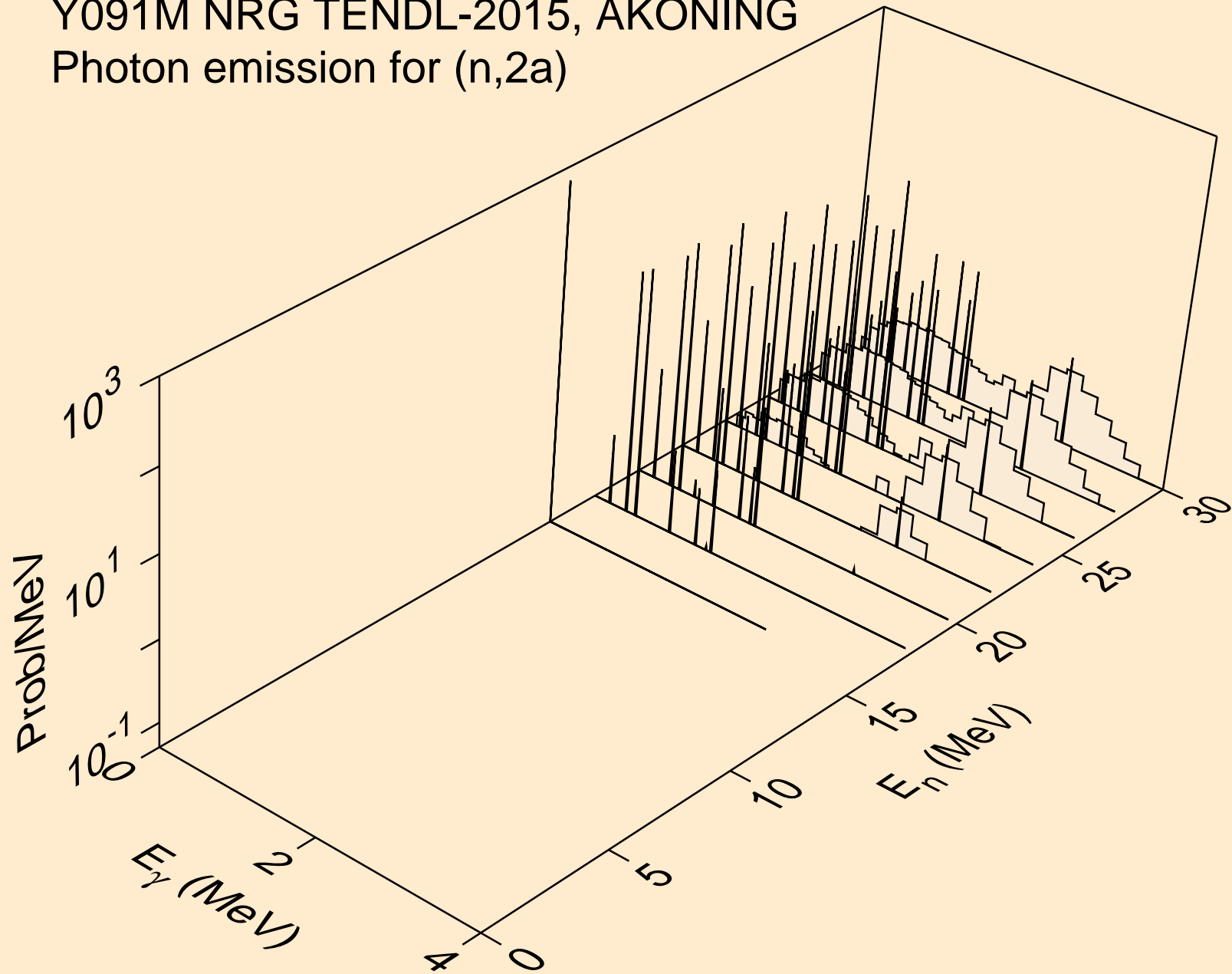




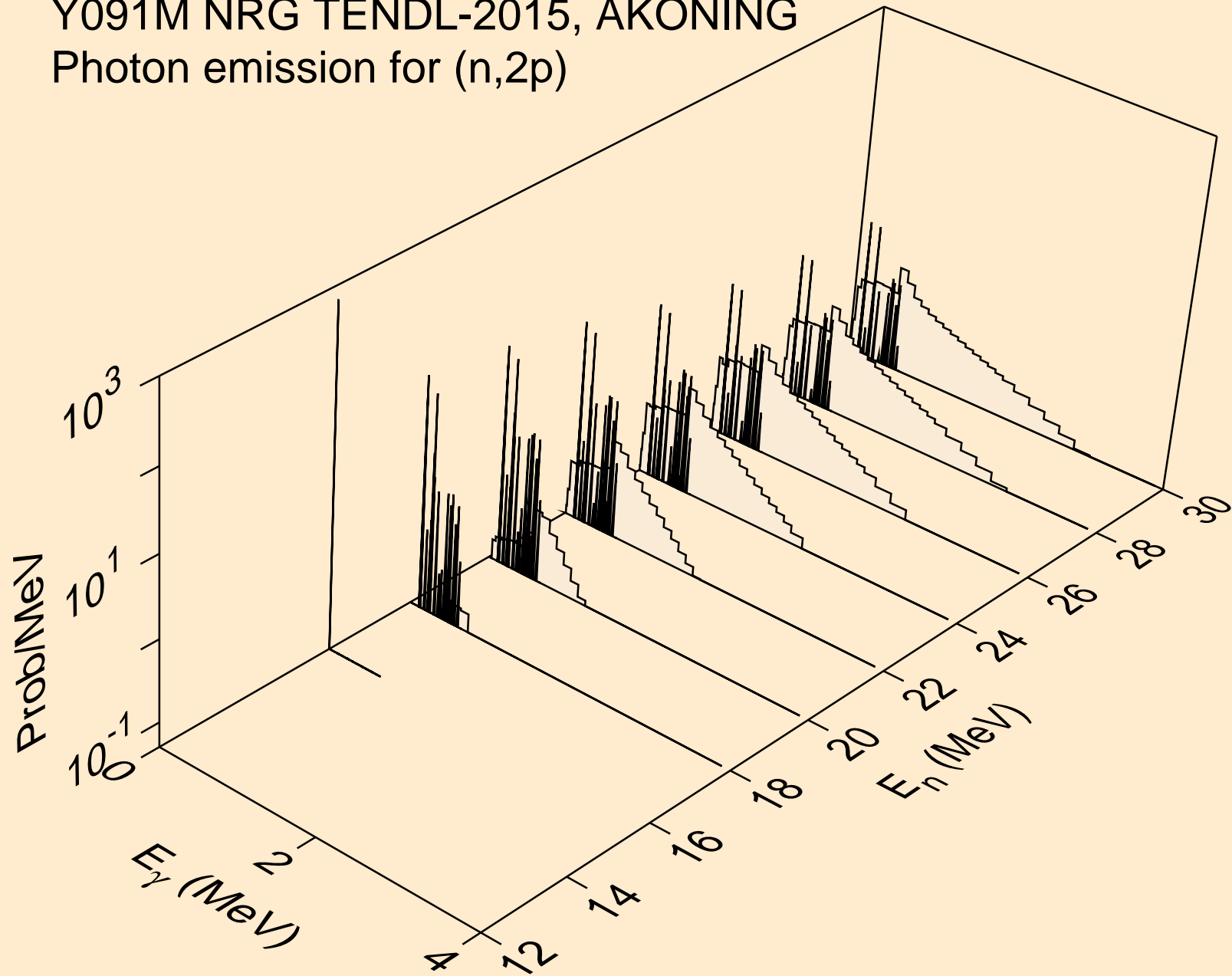
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Photon emission for (n,a)



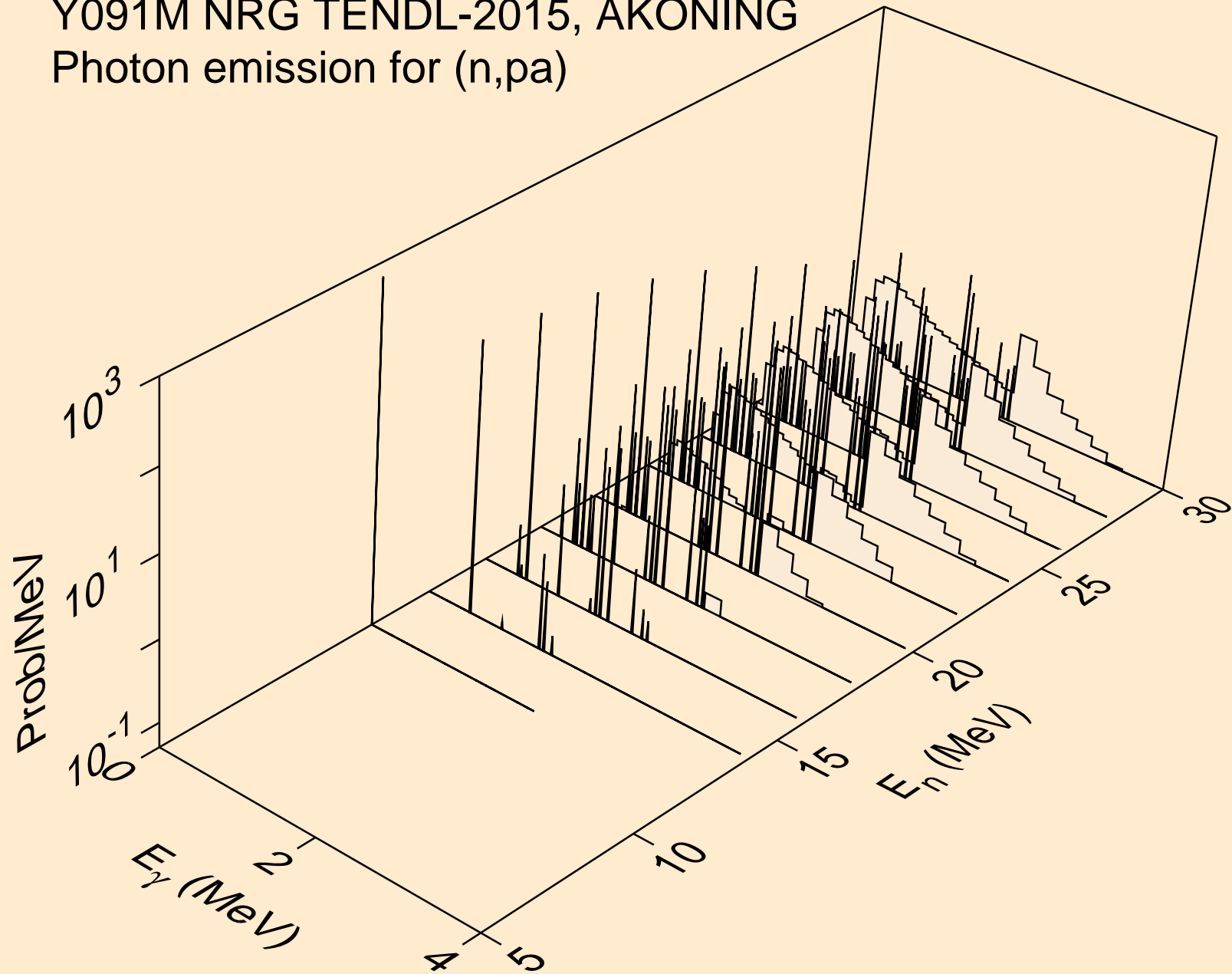
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Photon emission for (n,2a)



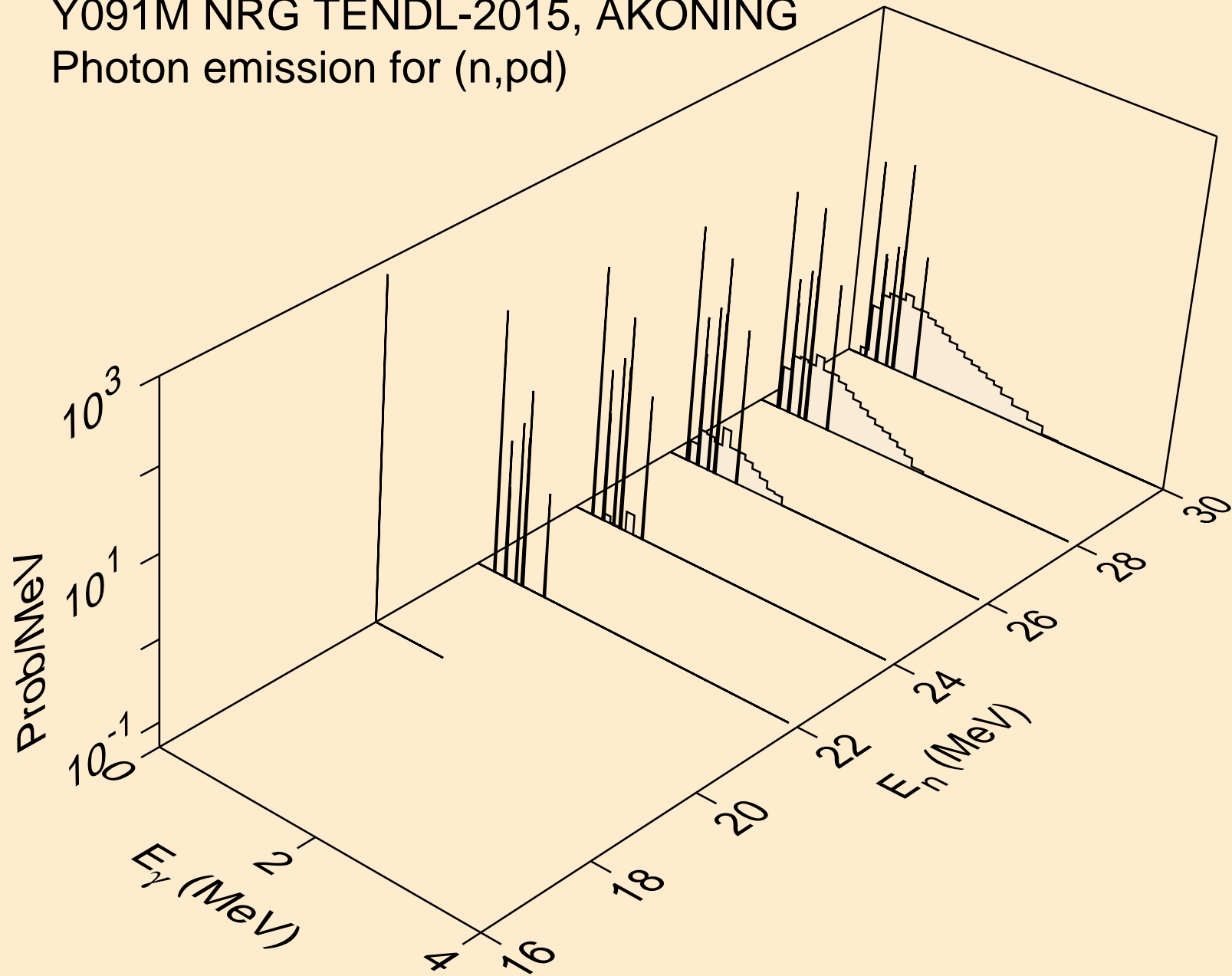
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Photon emission for (n,2p)



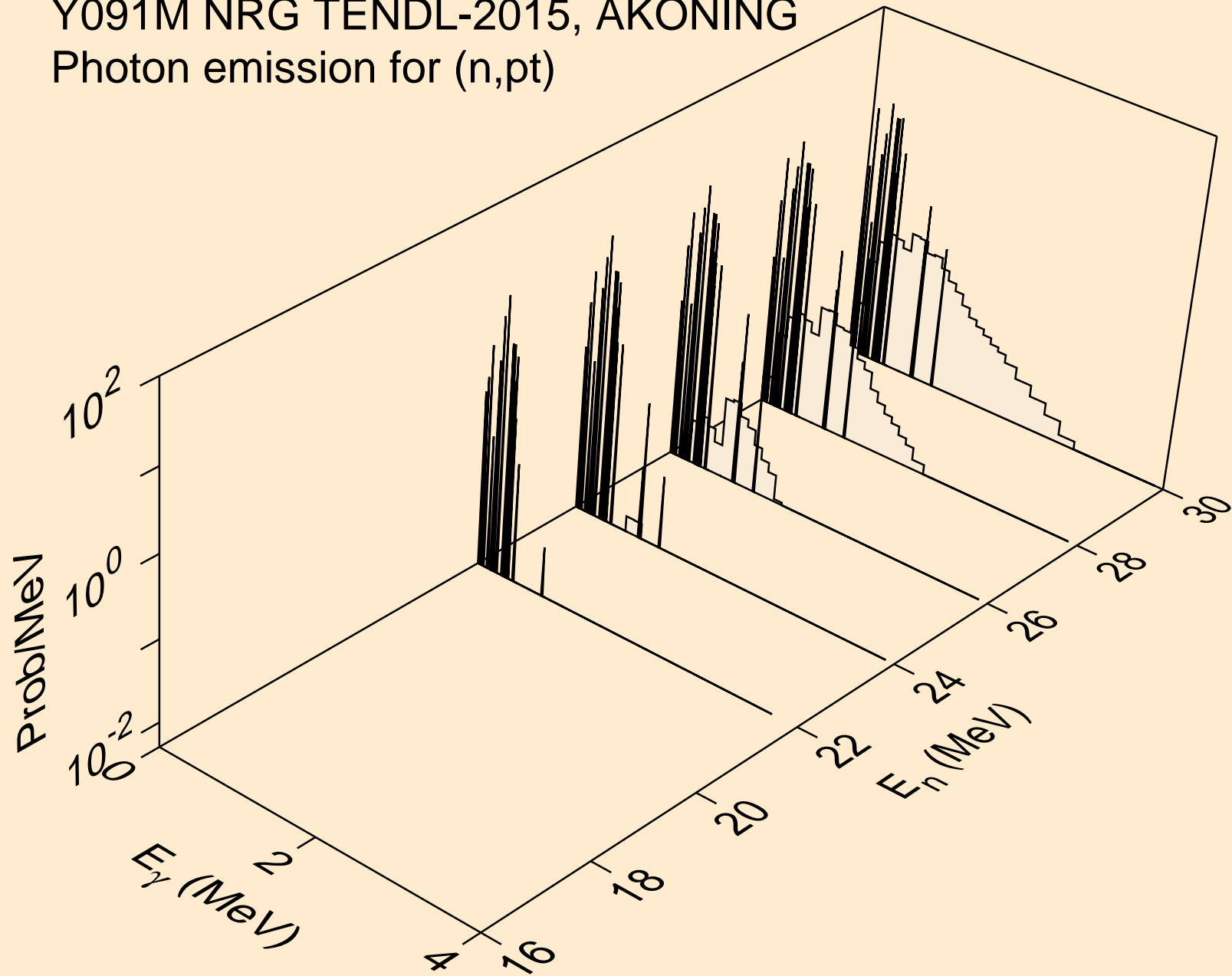
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Photon emission for (n,pa)



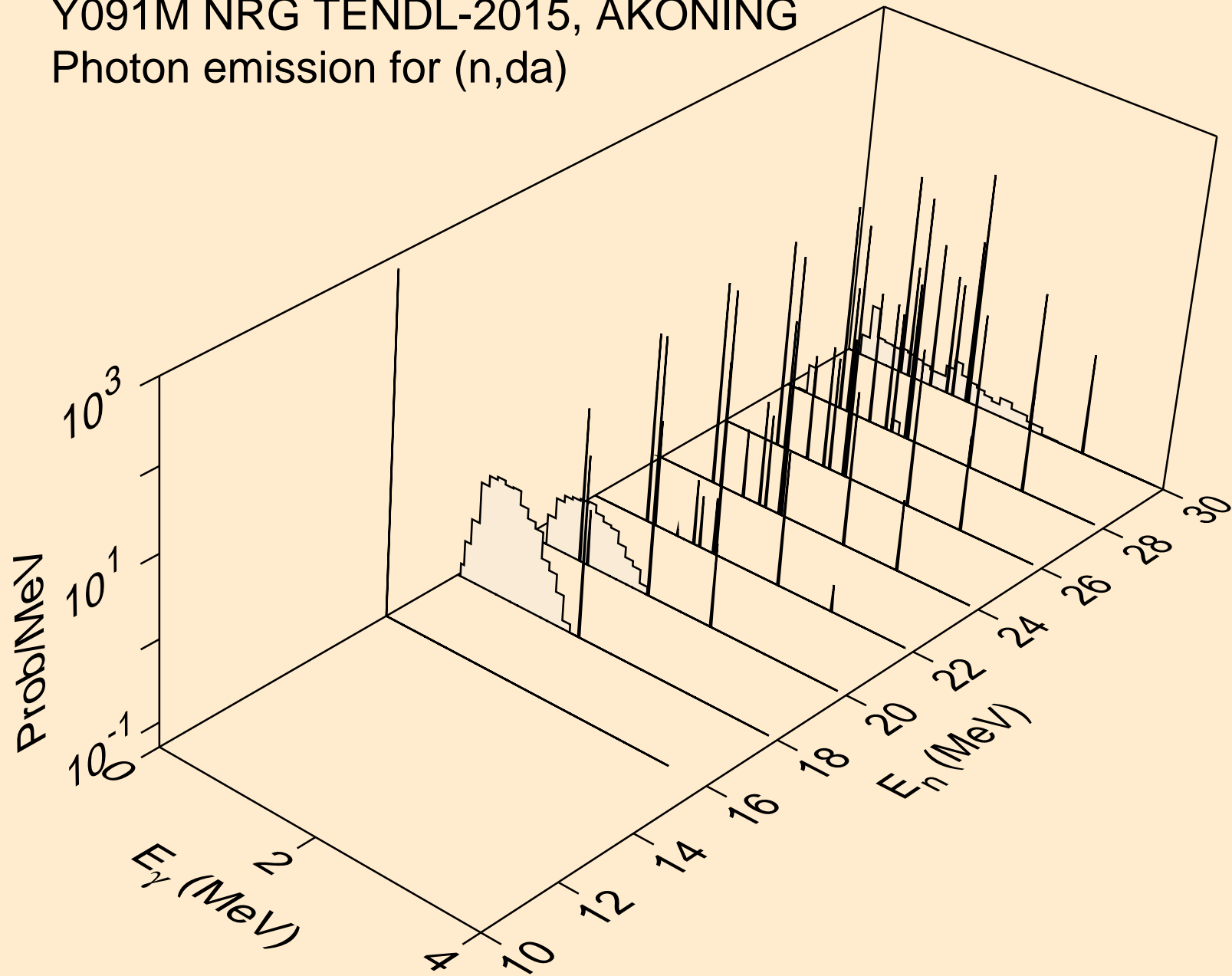
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Photon emission for (n,pd)



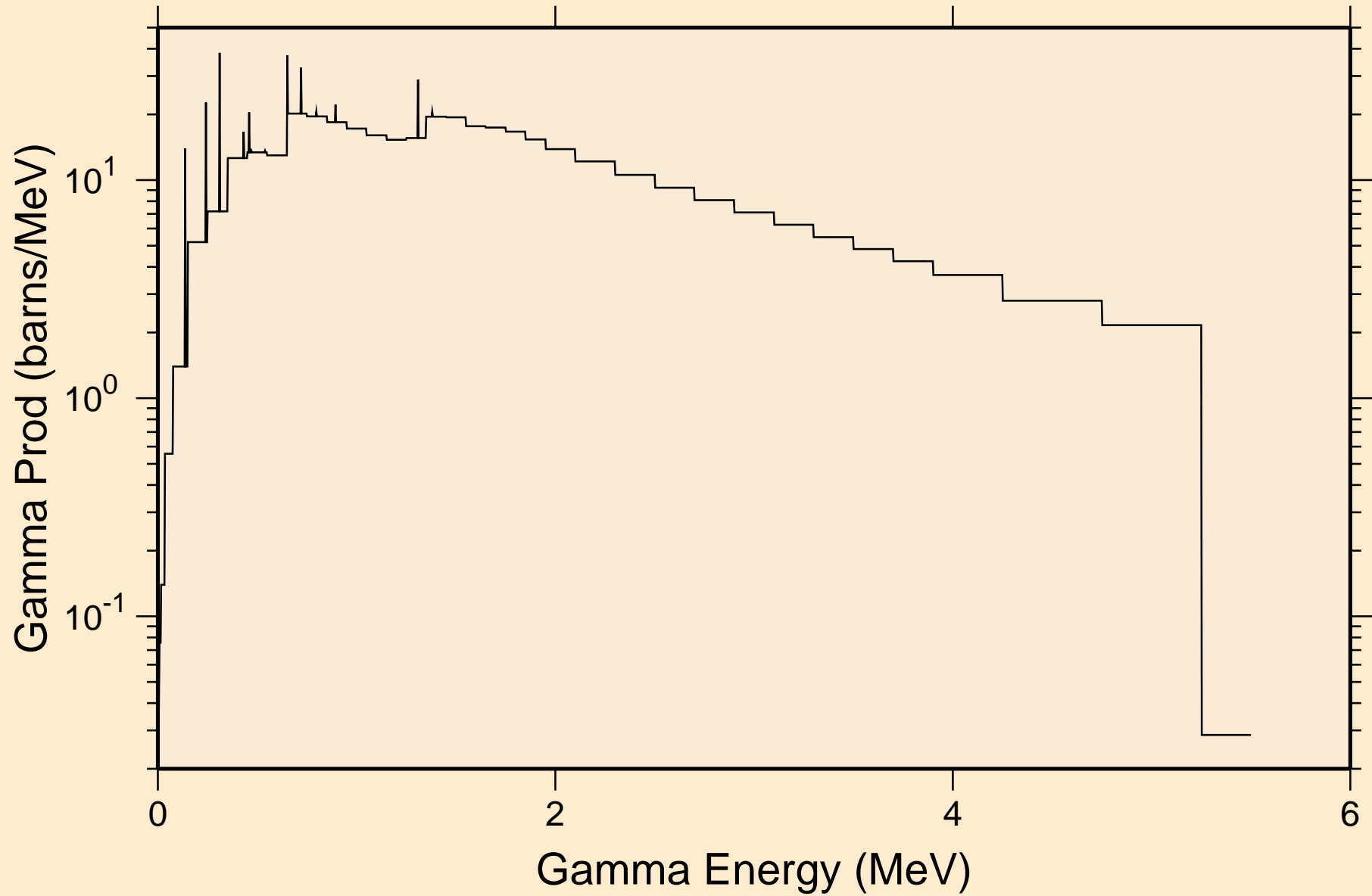
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Photon emission for (n,pt)



Y091M NRG TENDL-2015, AKONING  
Photon emission for (n,da)

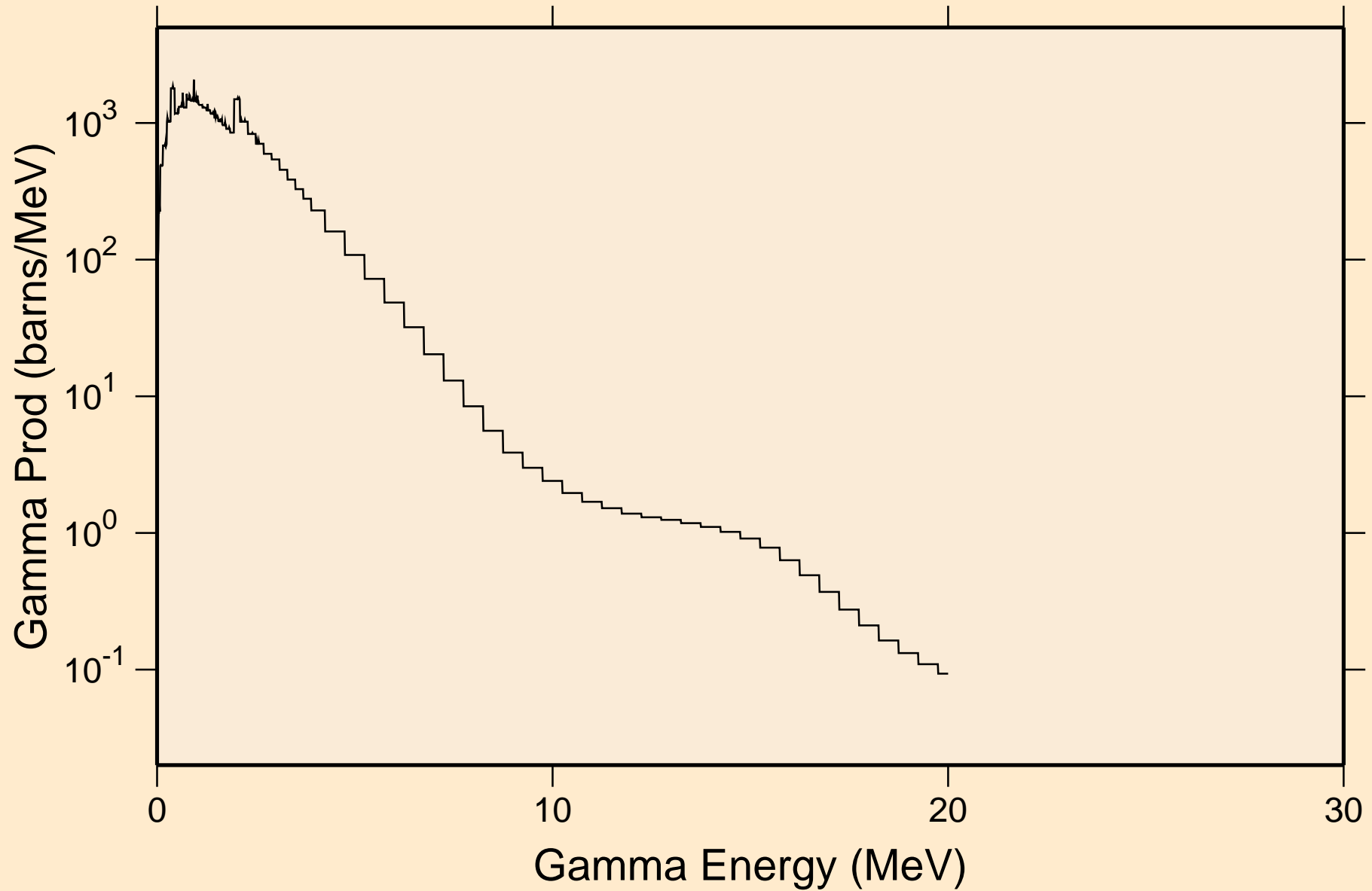


Y091M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



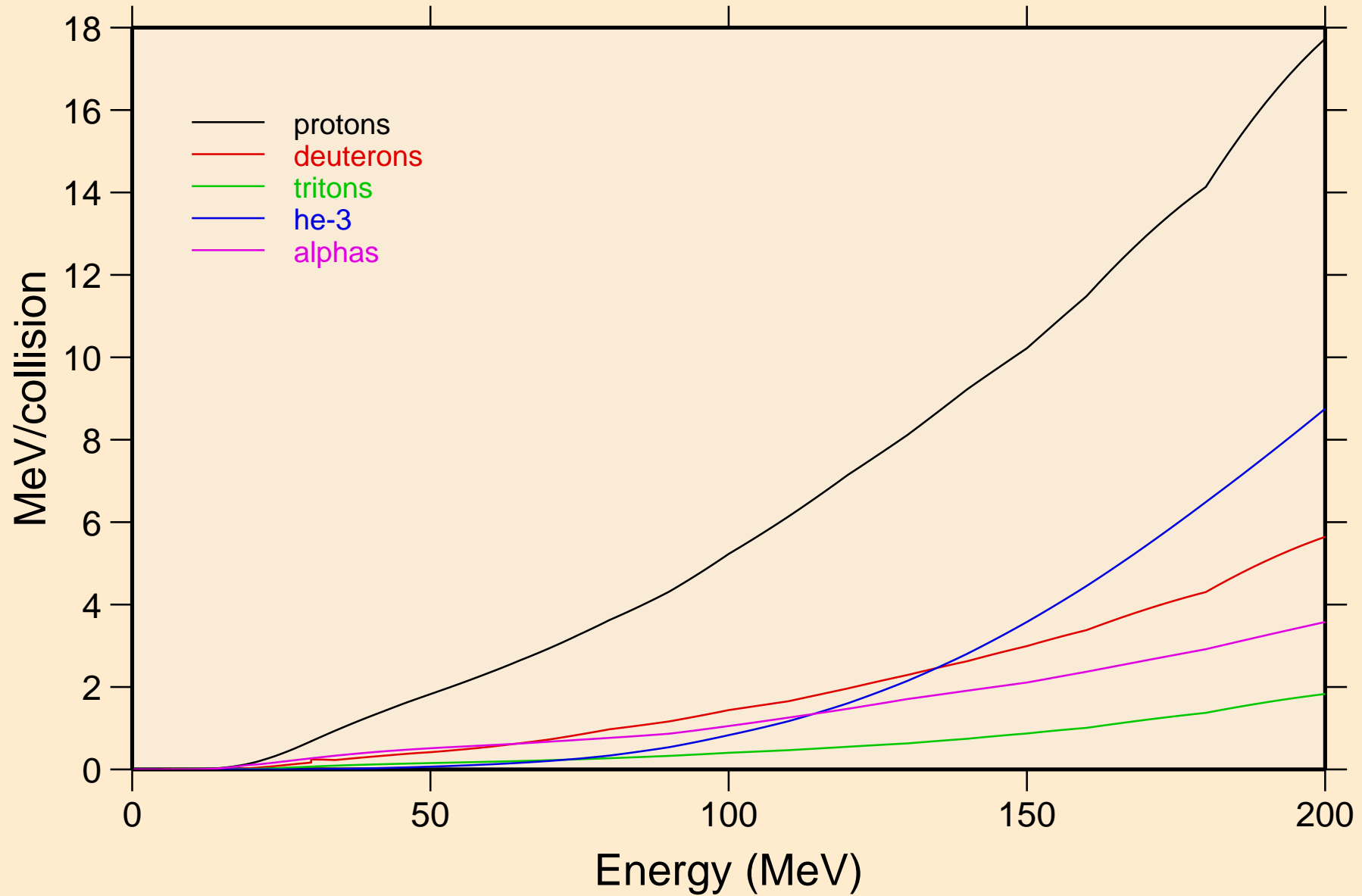


Y091M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



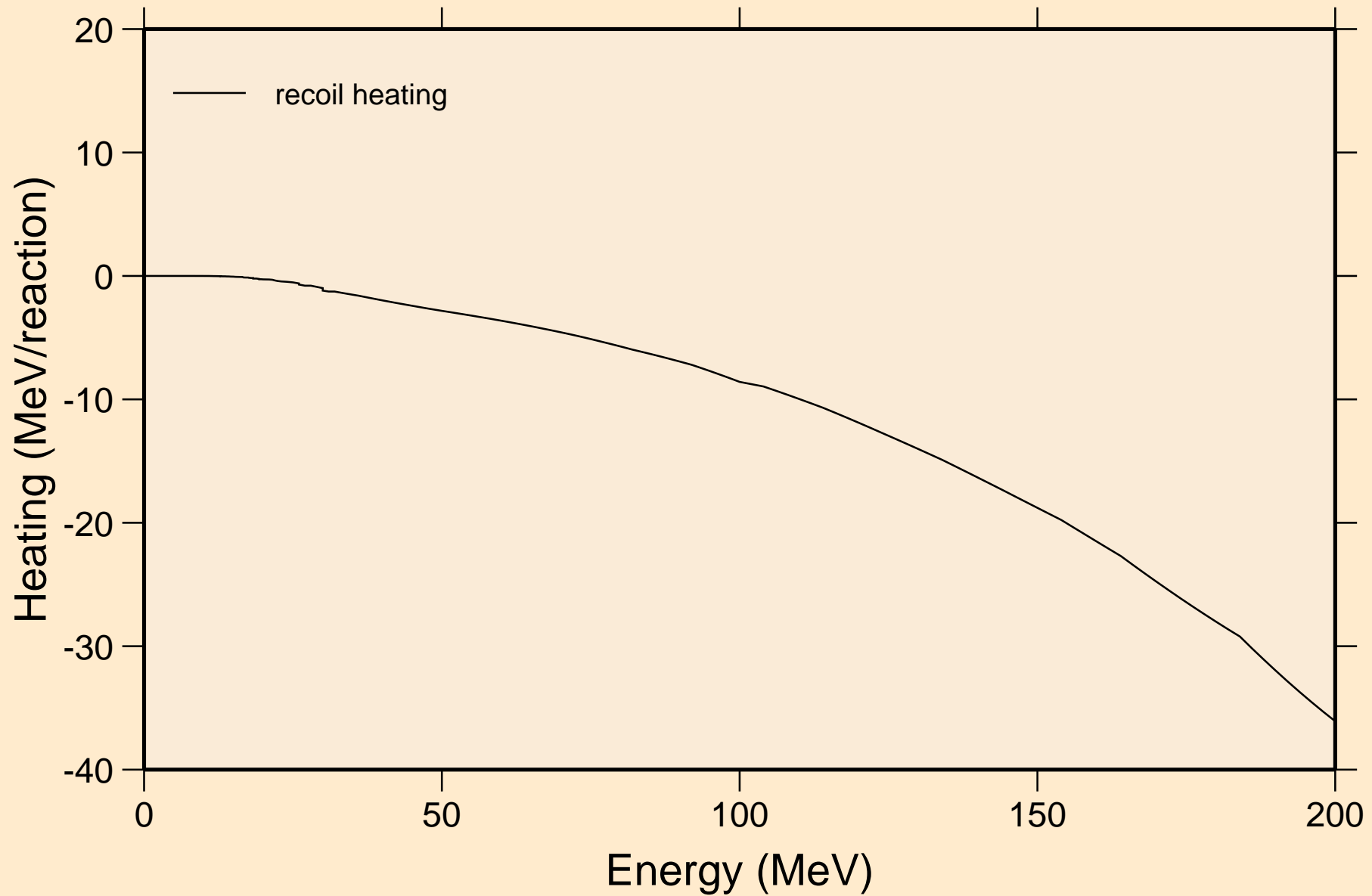
# Y091M NRG TENDL-2015, AKONING

## Particle heating contributions



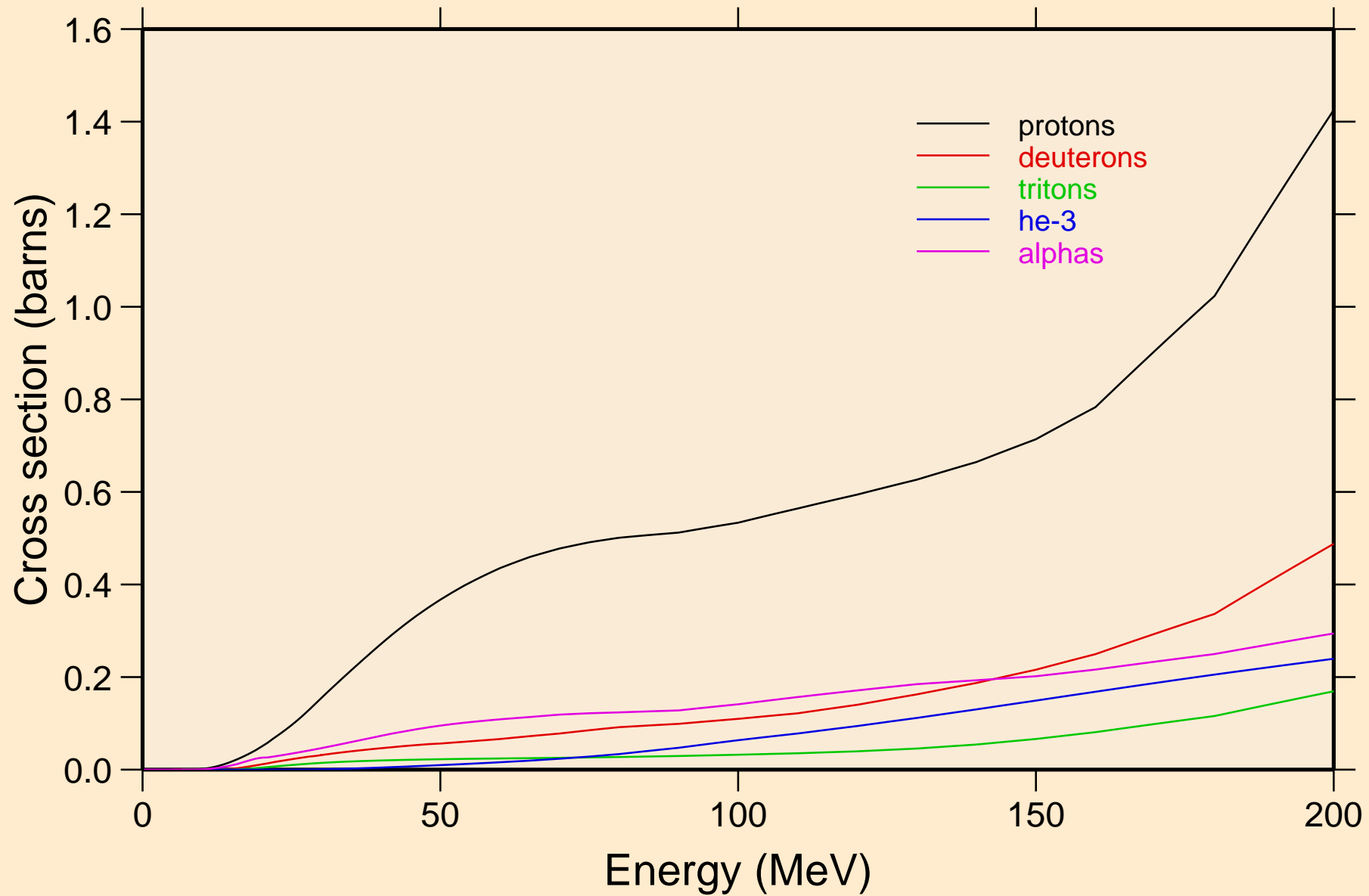
# Y091M NRG TENDL-2015, AKONING

## Recoil Heating

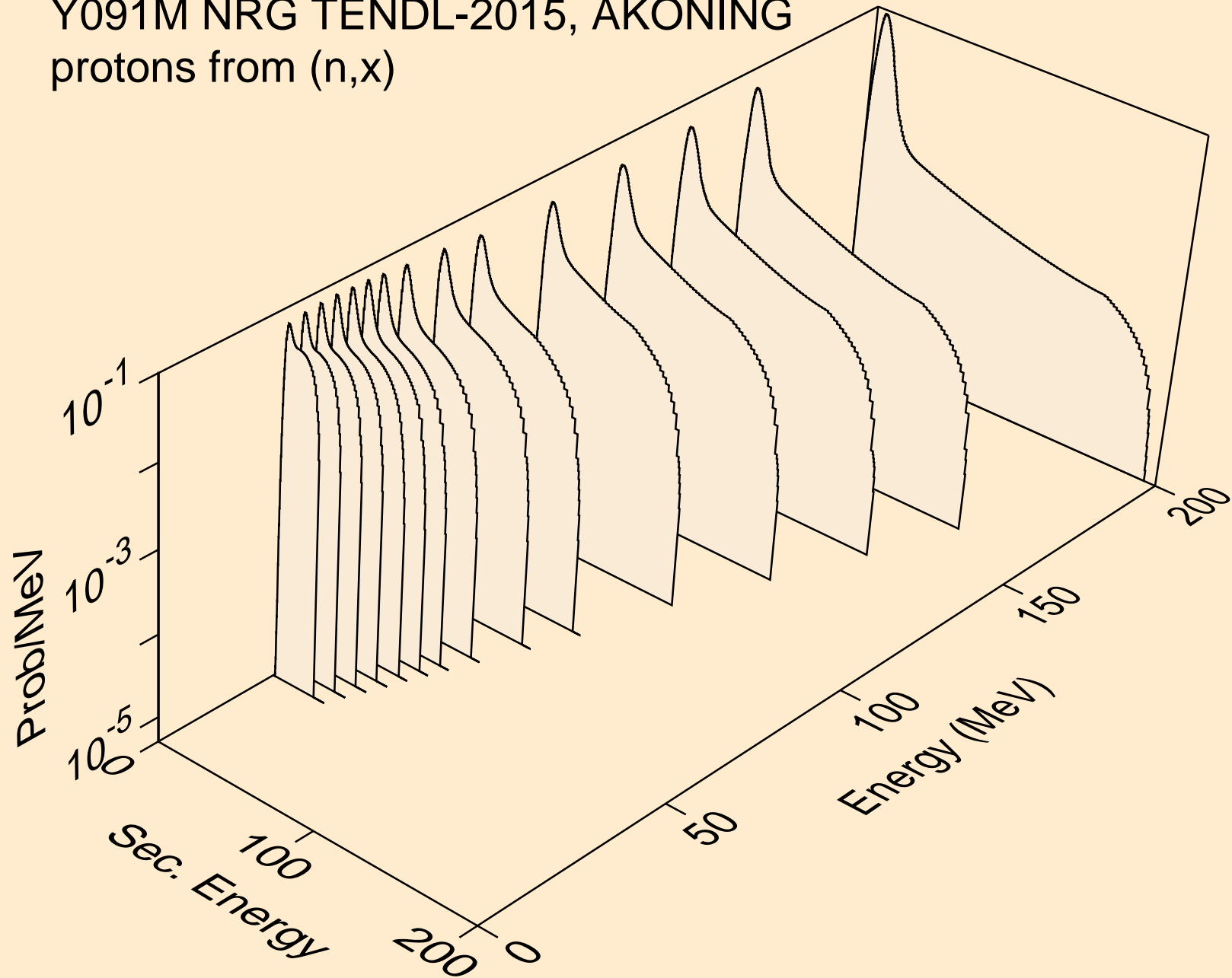


# Y091M NRG TENDL-2015, AKONING

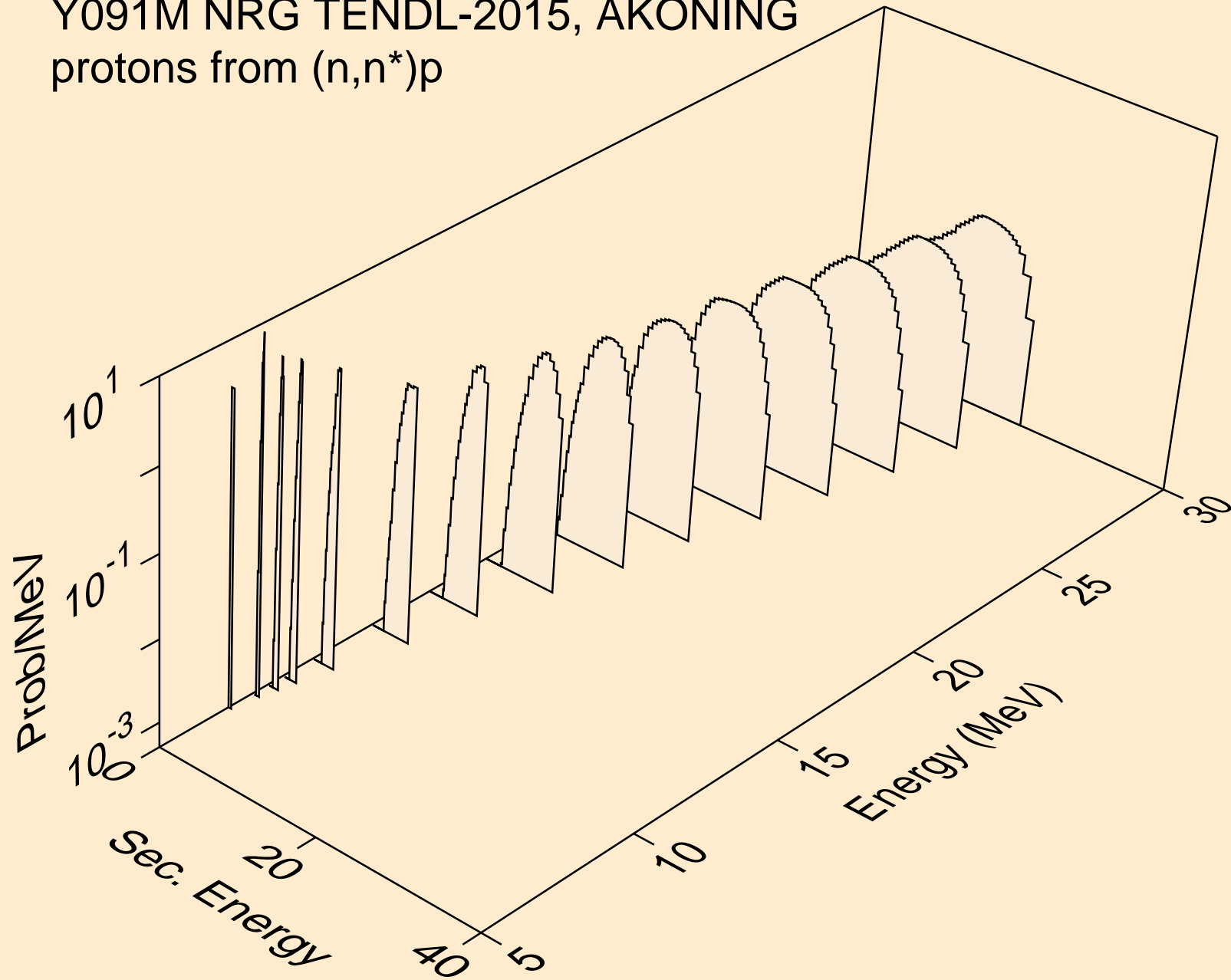
## Particle production cross sections



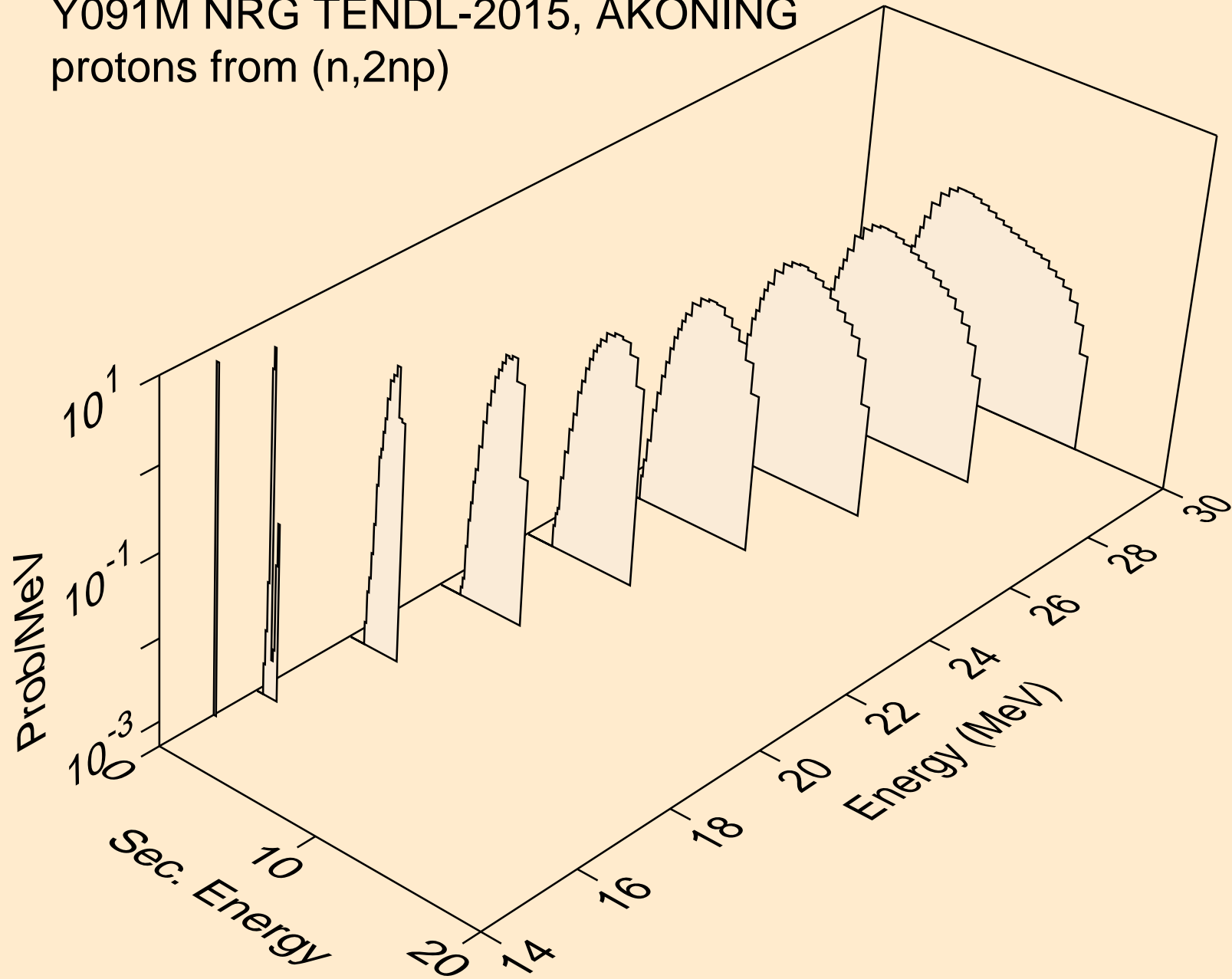
Y091M NRG TENDL-2015, AKONING  
protons from (n,x)



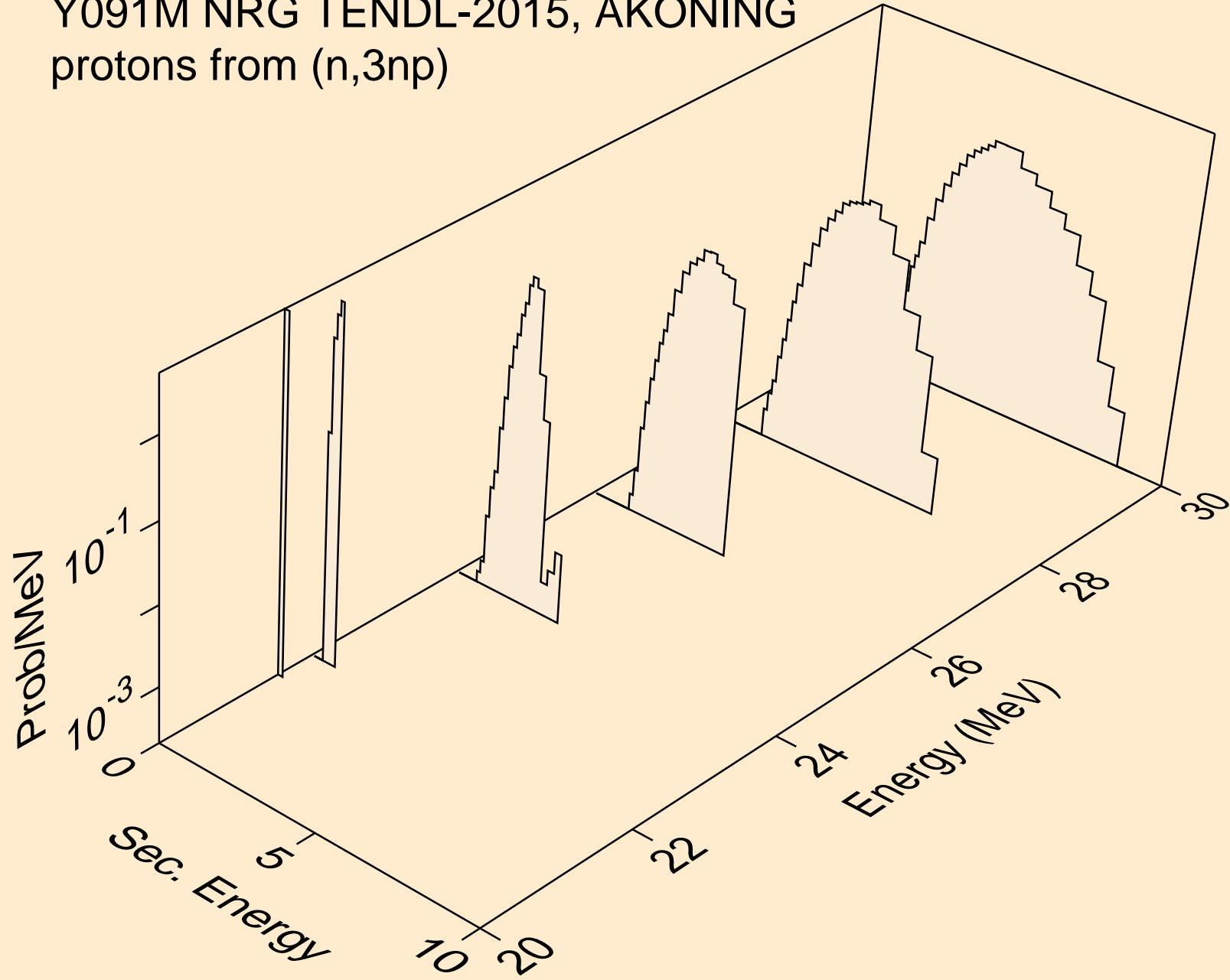
Y091M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



Y091M NRG TENDL-2015, AKONING  
protons from (n,2np)

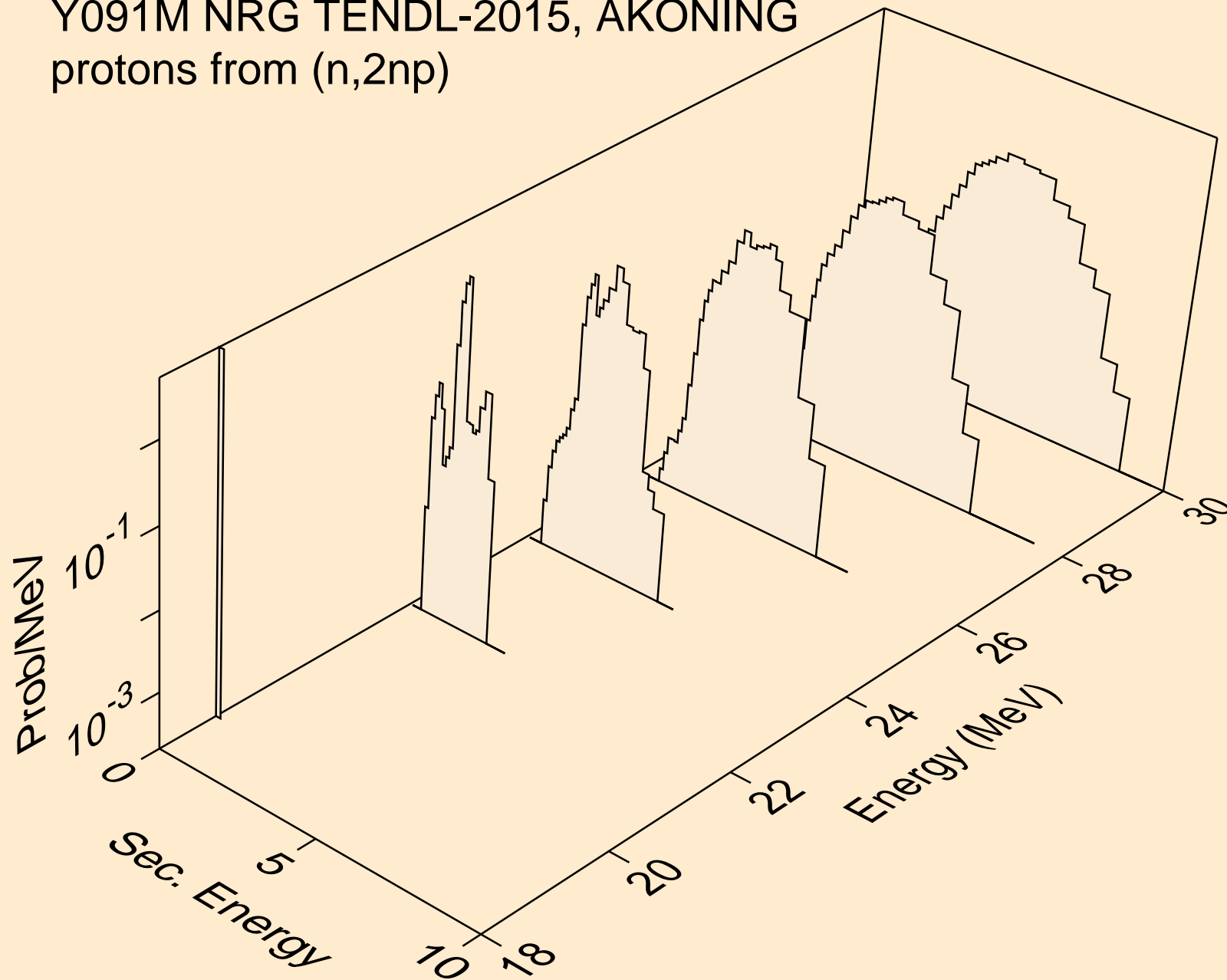


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protons from (n,3np)

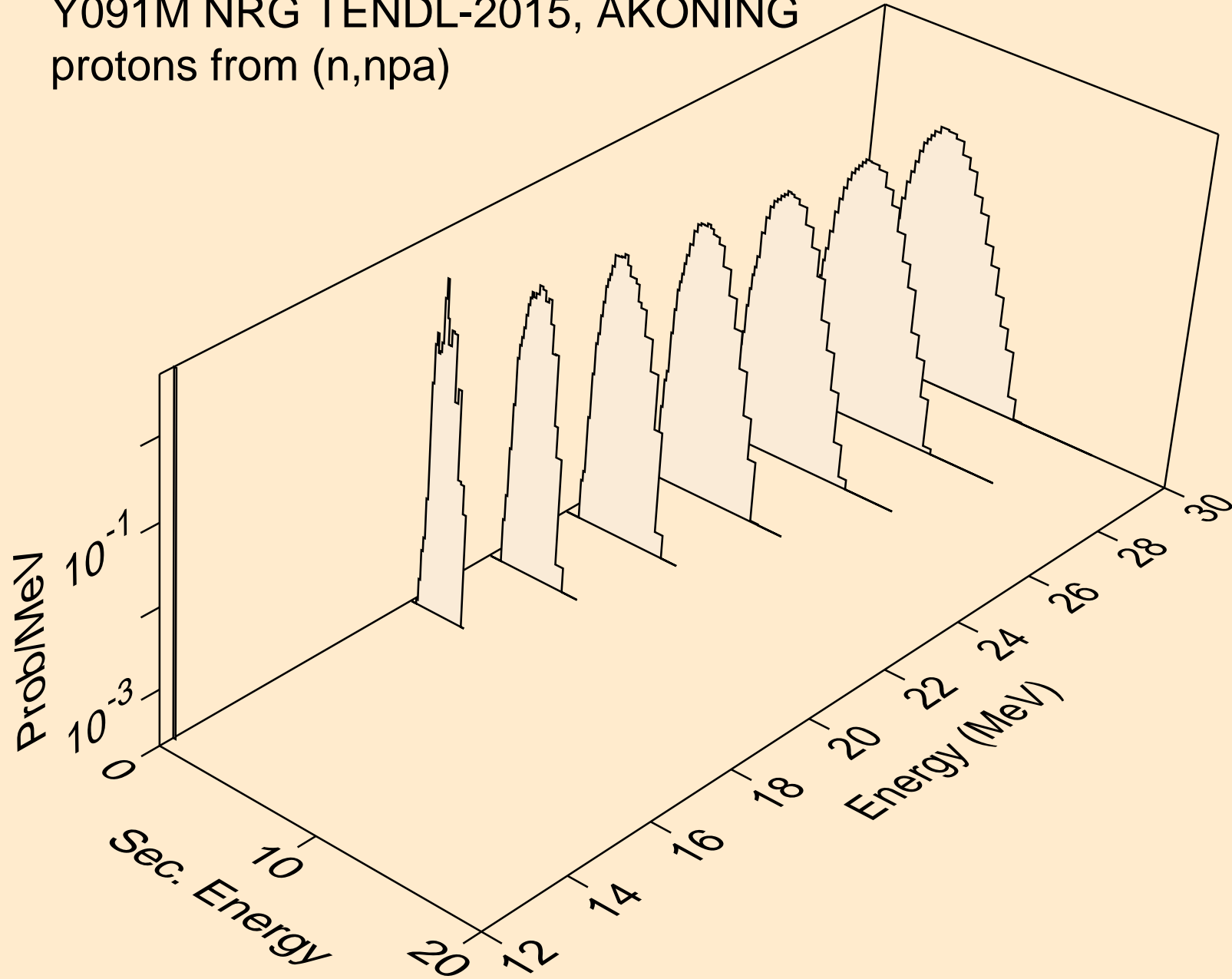




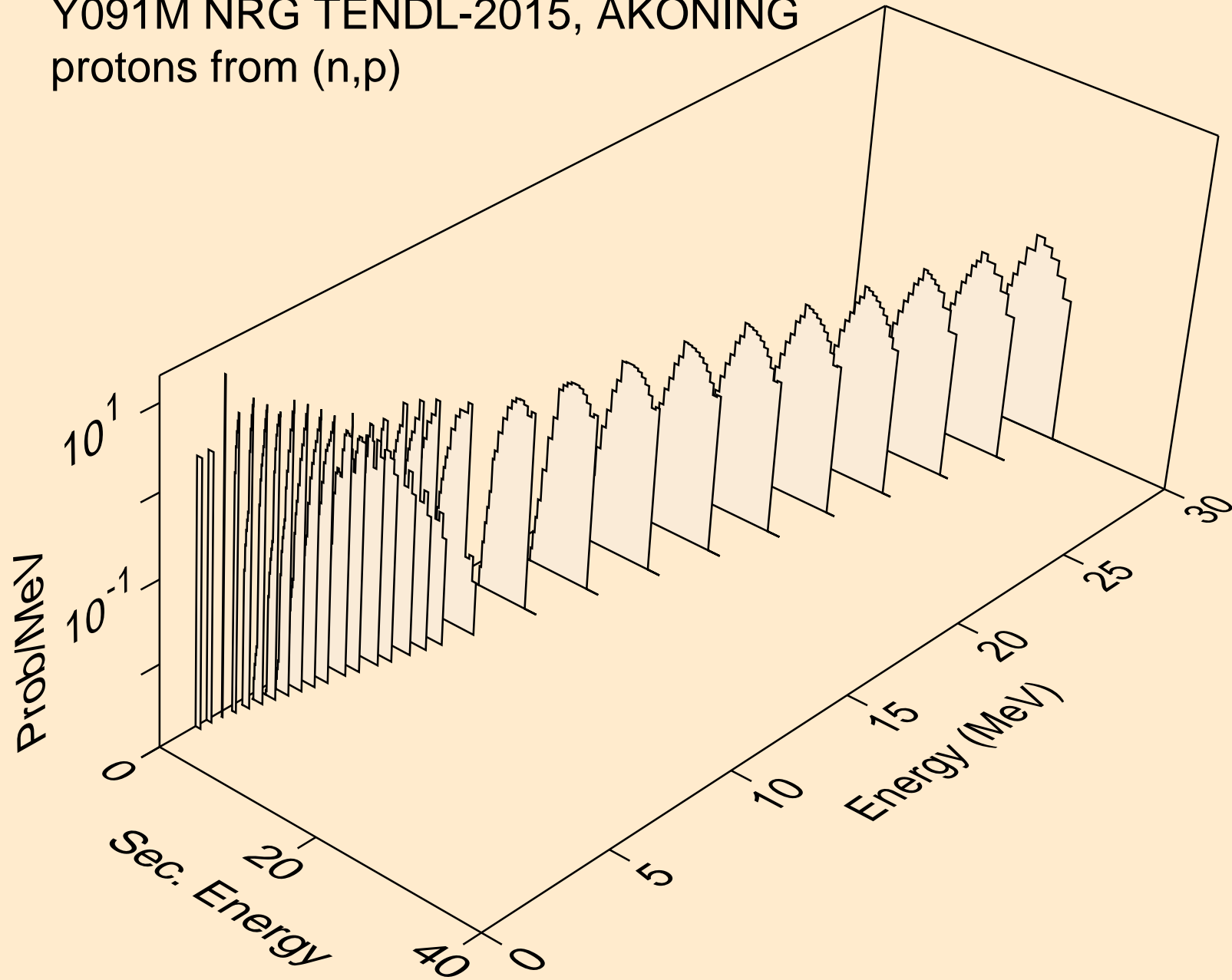
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protons from (n,2np)



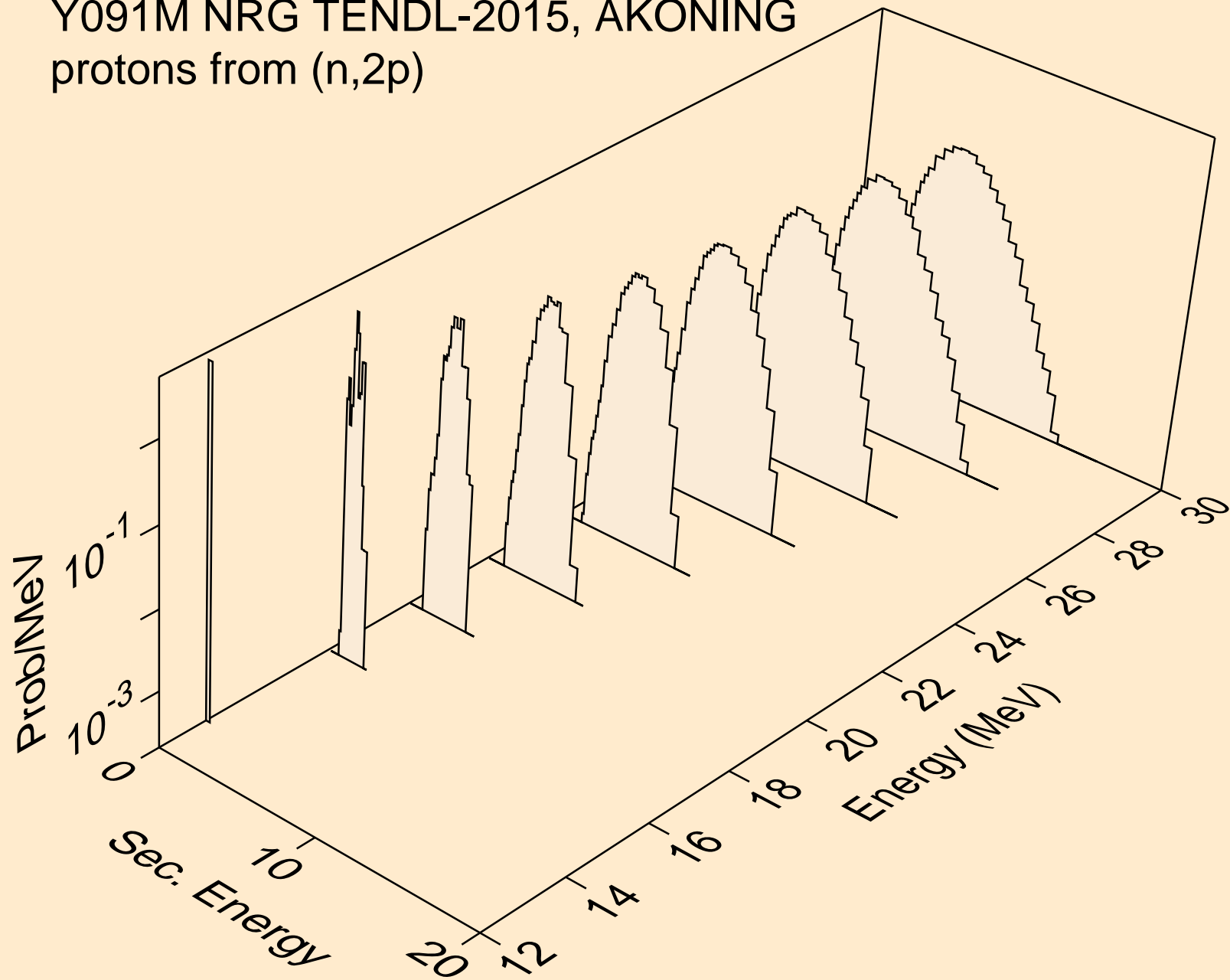
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protons from (n,npa)



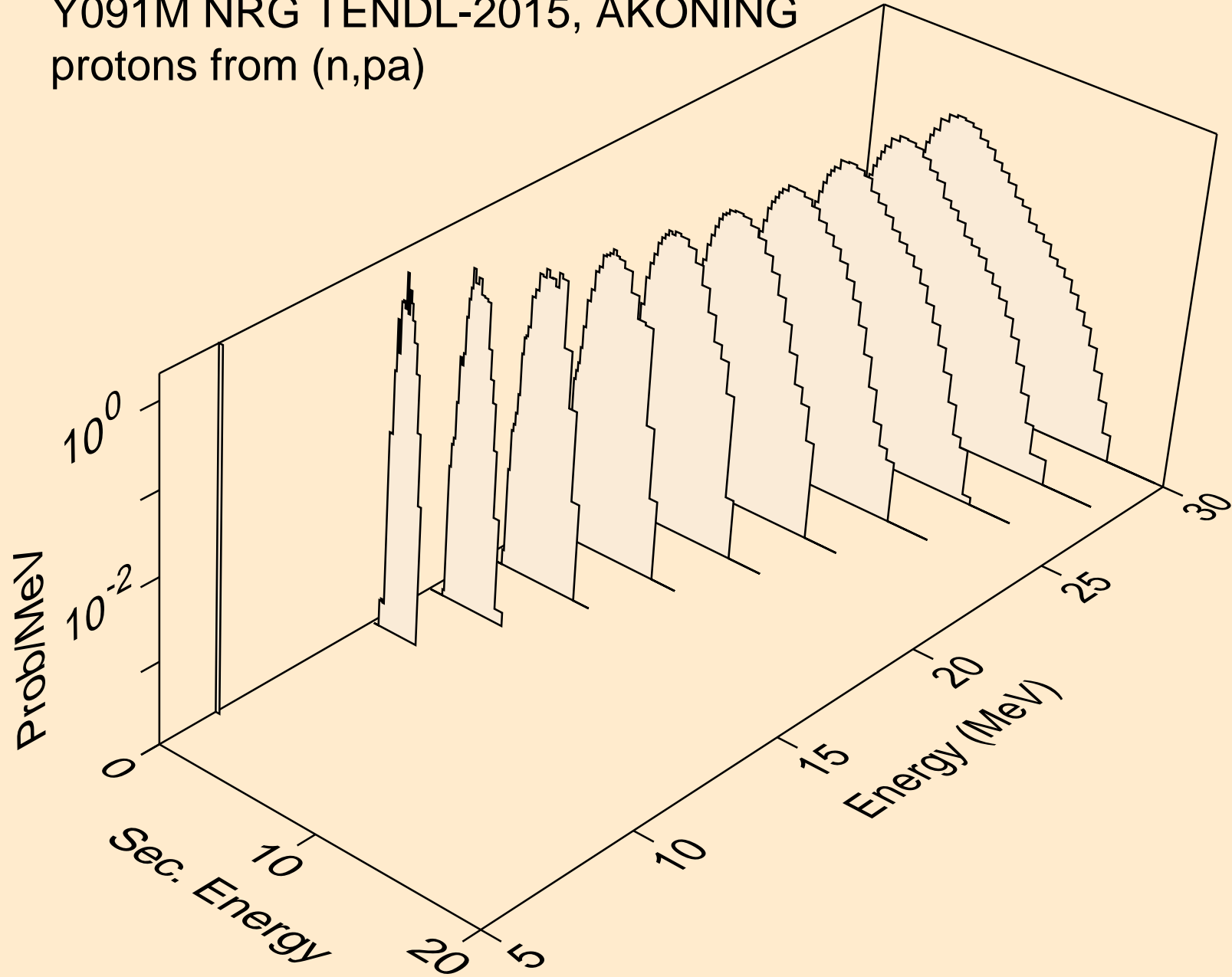
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protons from (n,p)



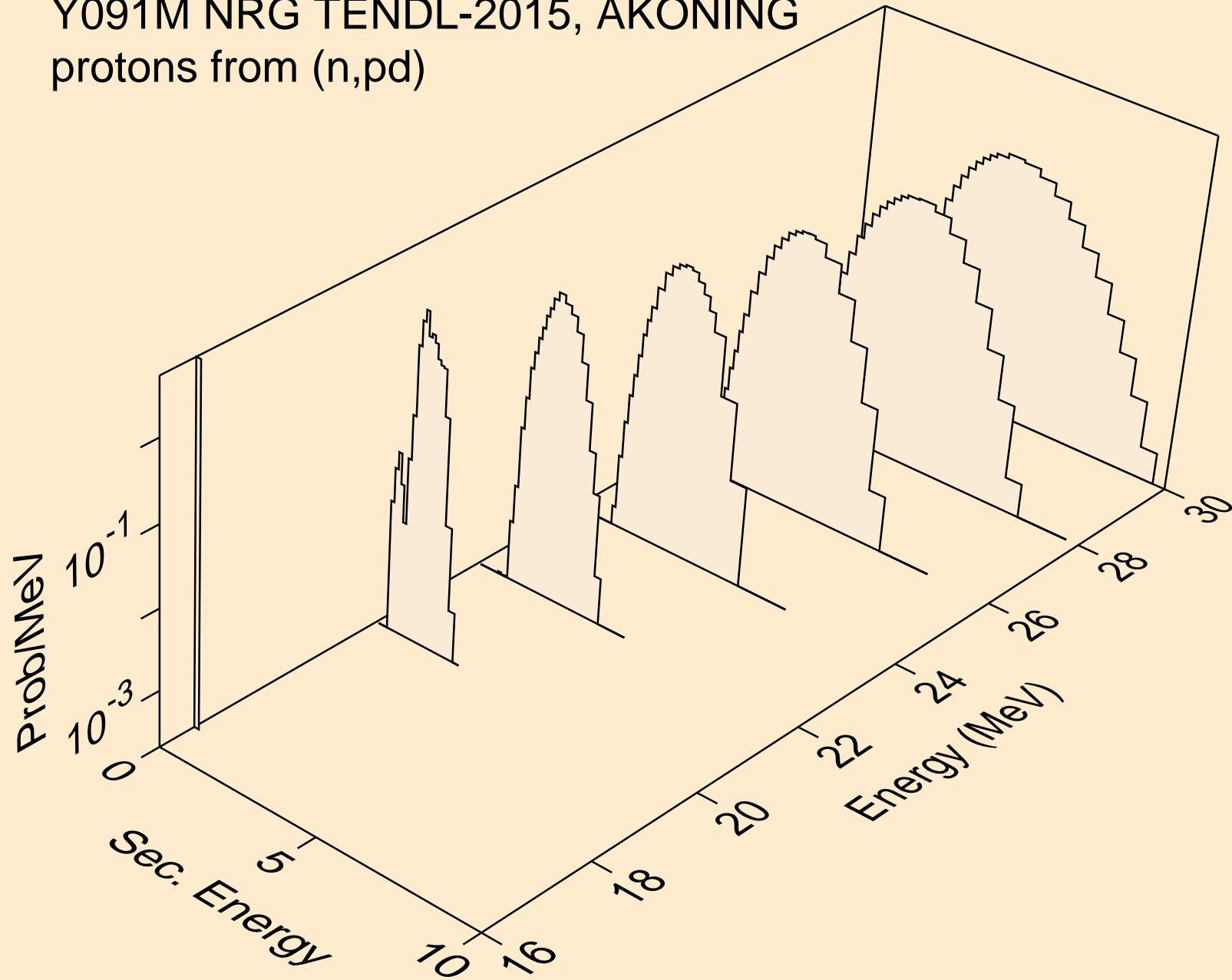
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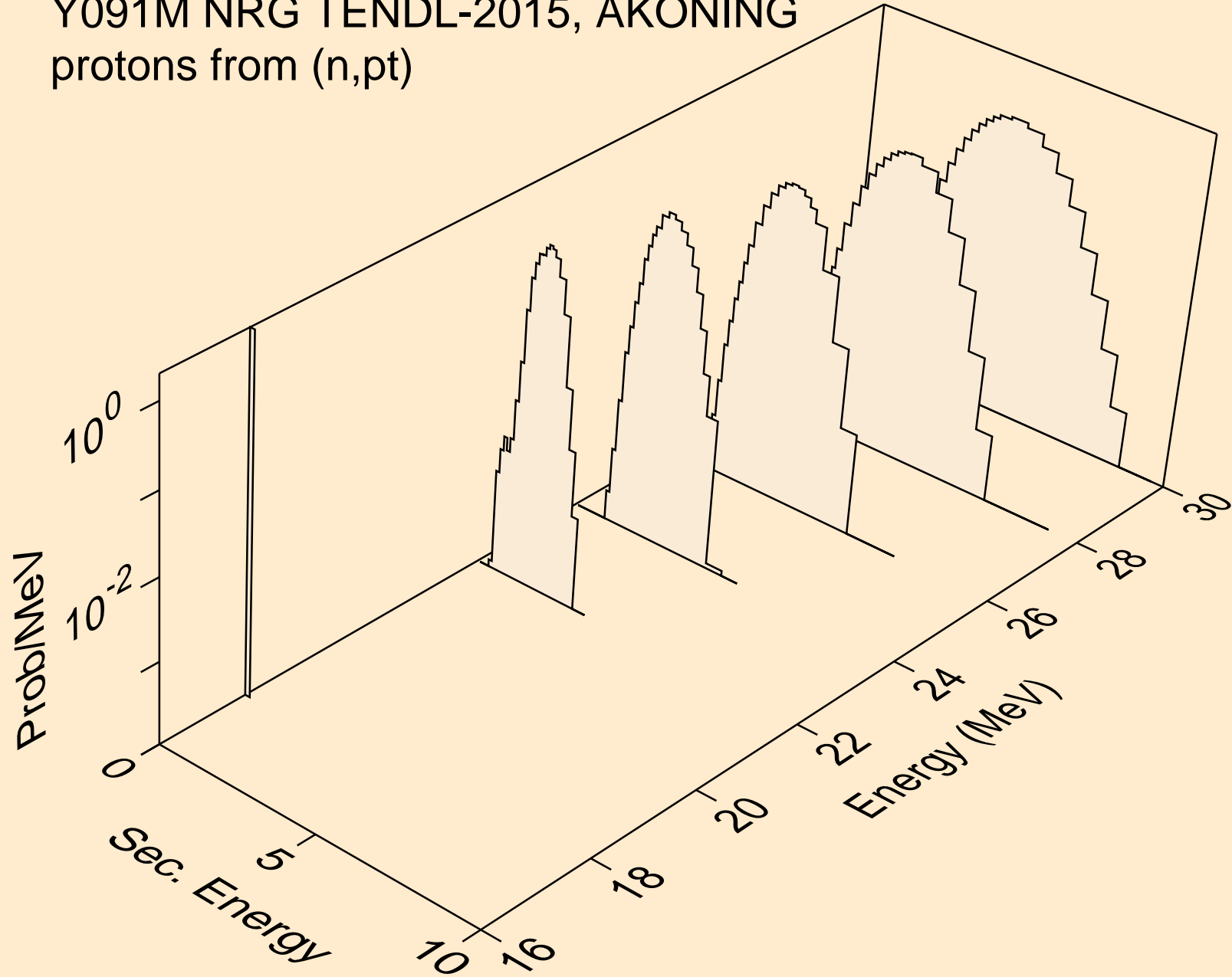
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protons from (n,pa)



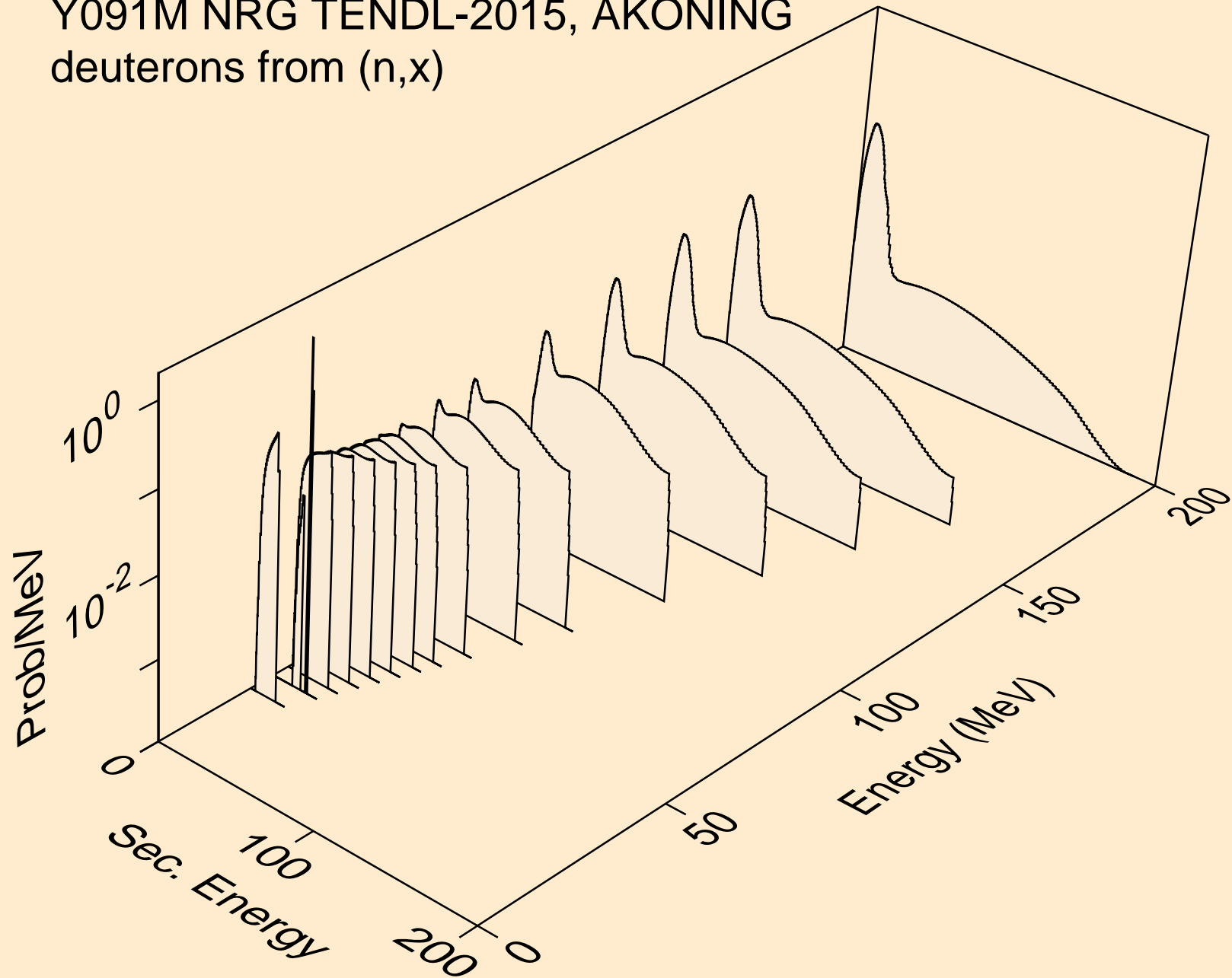
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protons from (n,pd)



Y091M NRG TENDL-2015, AKONING  
protons from (n,pt)

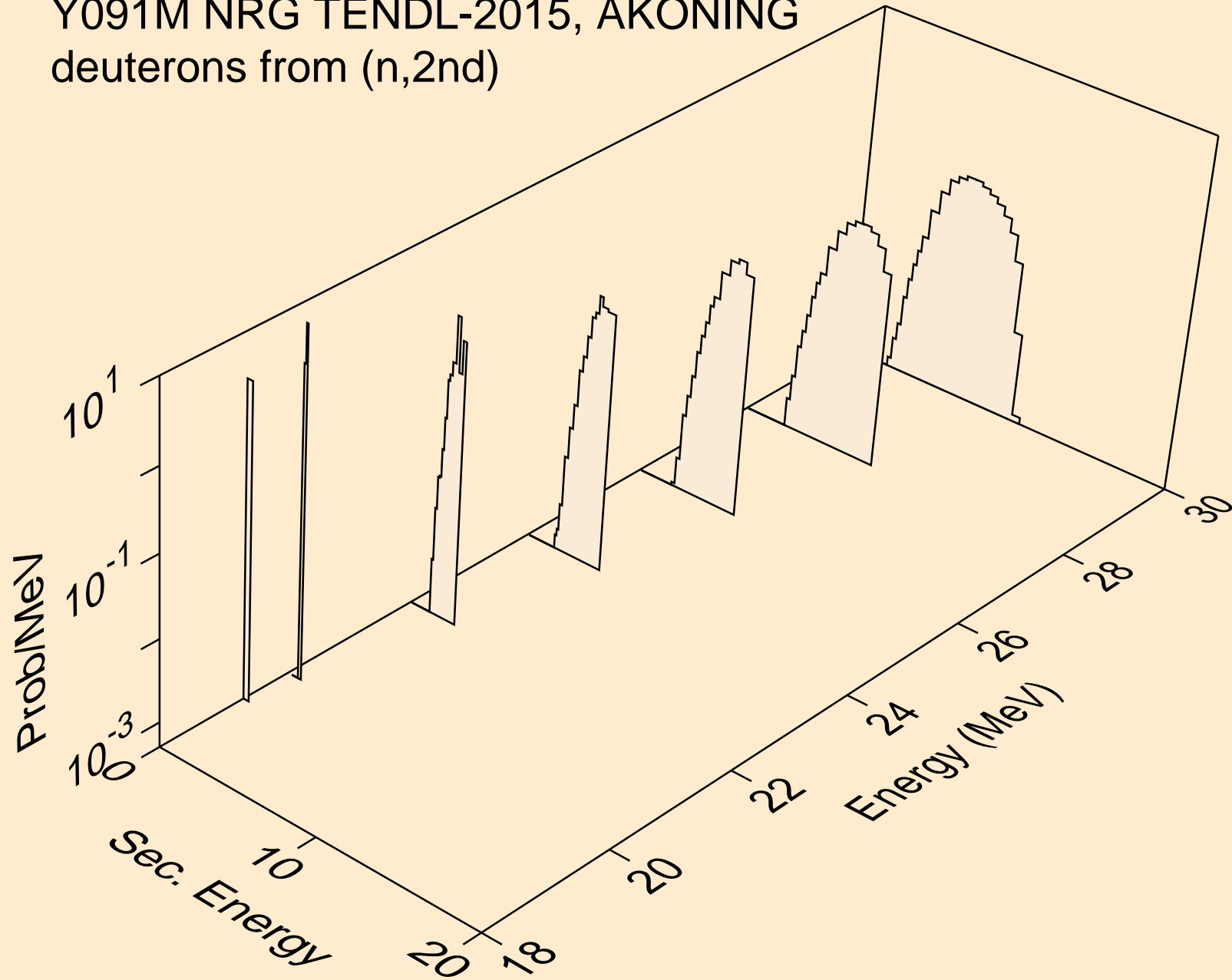


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deuterons from (n,x)

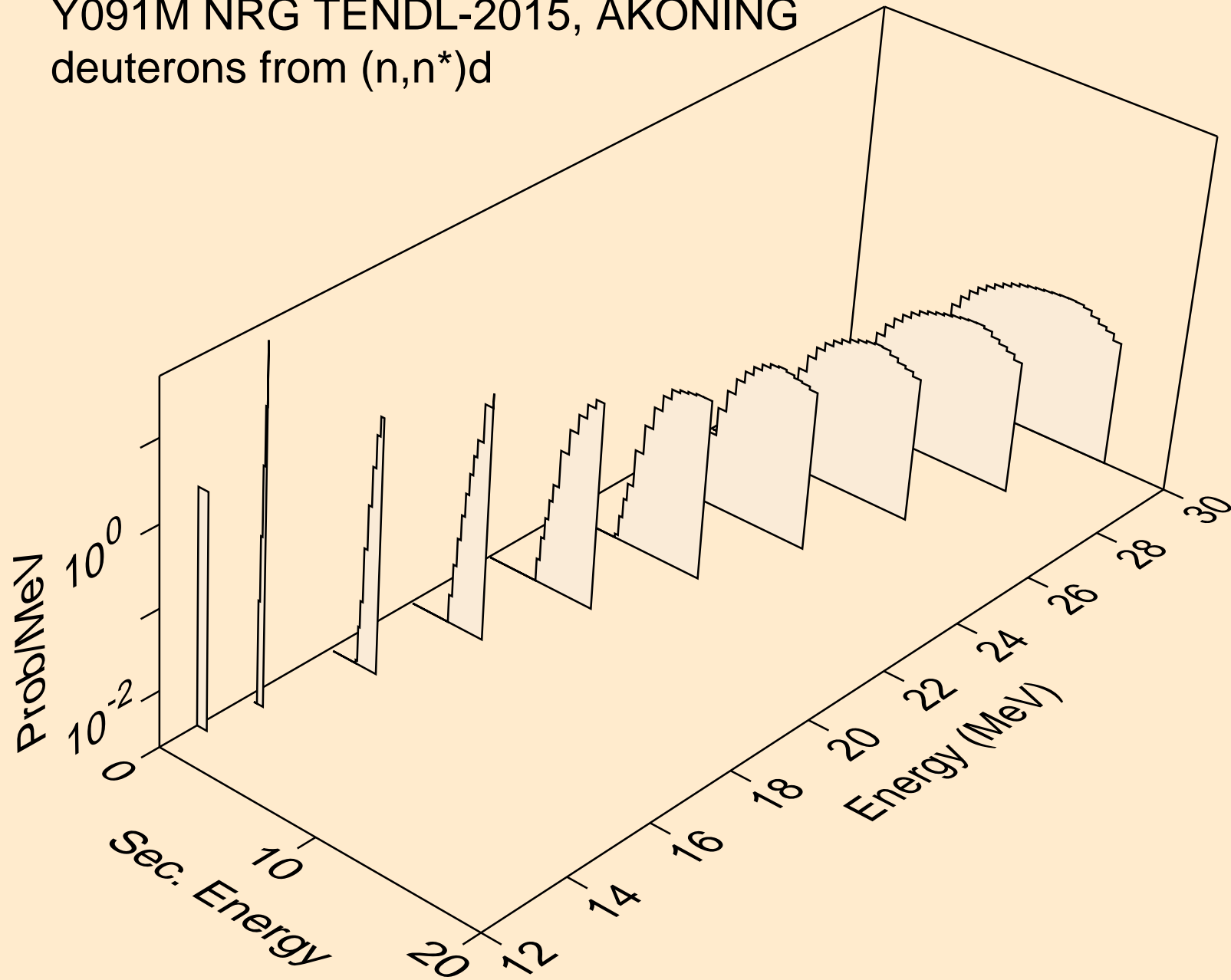




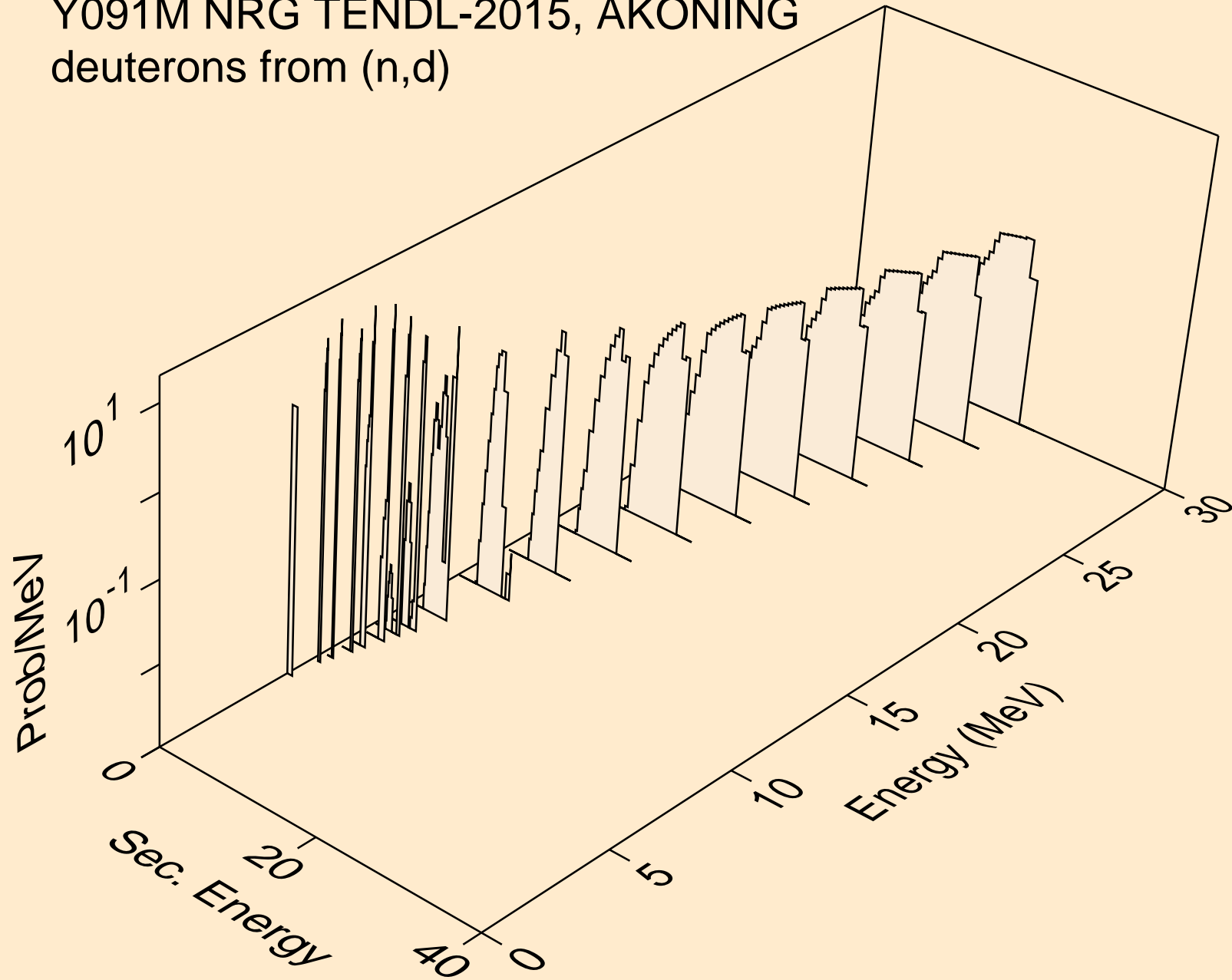
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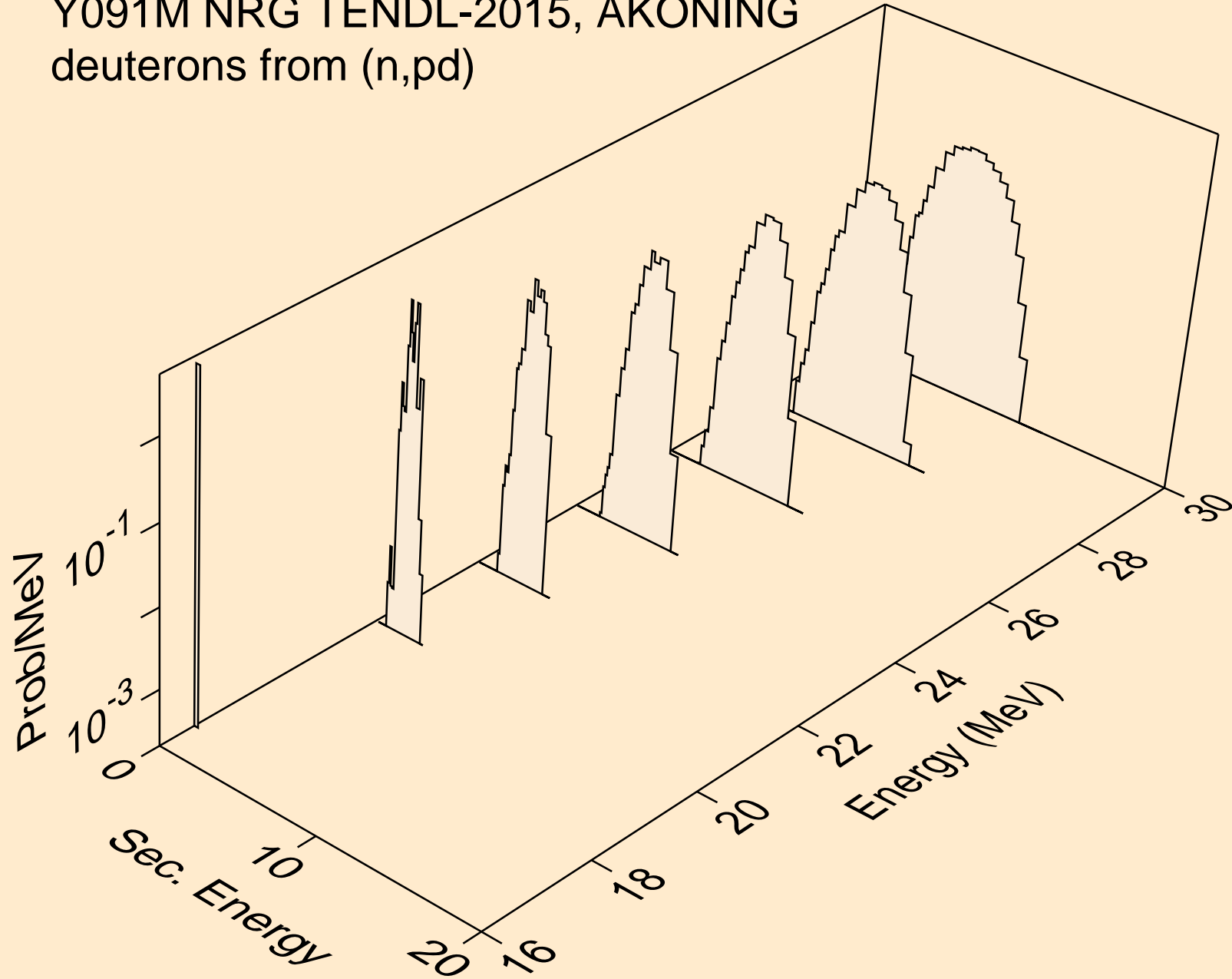
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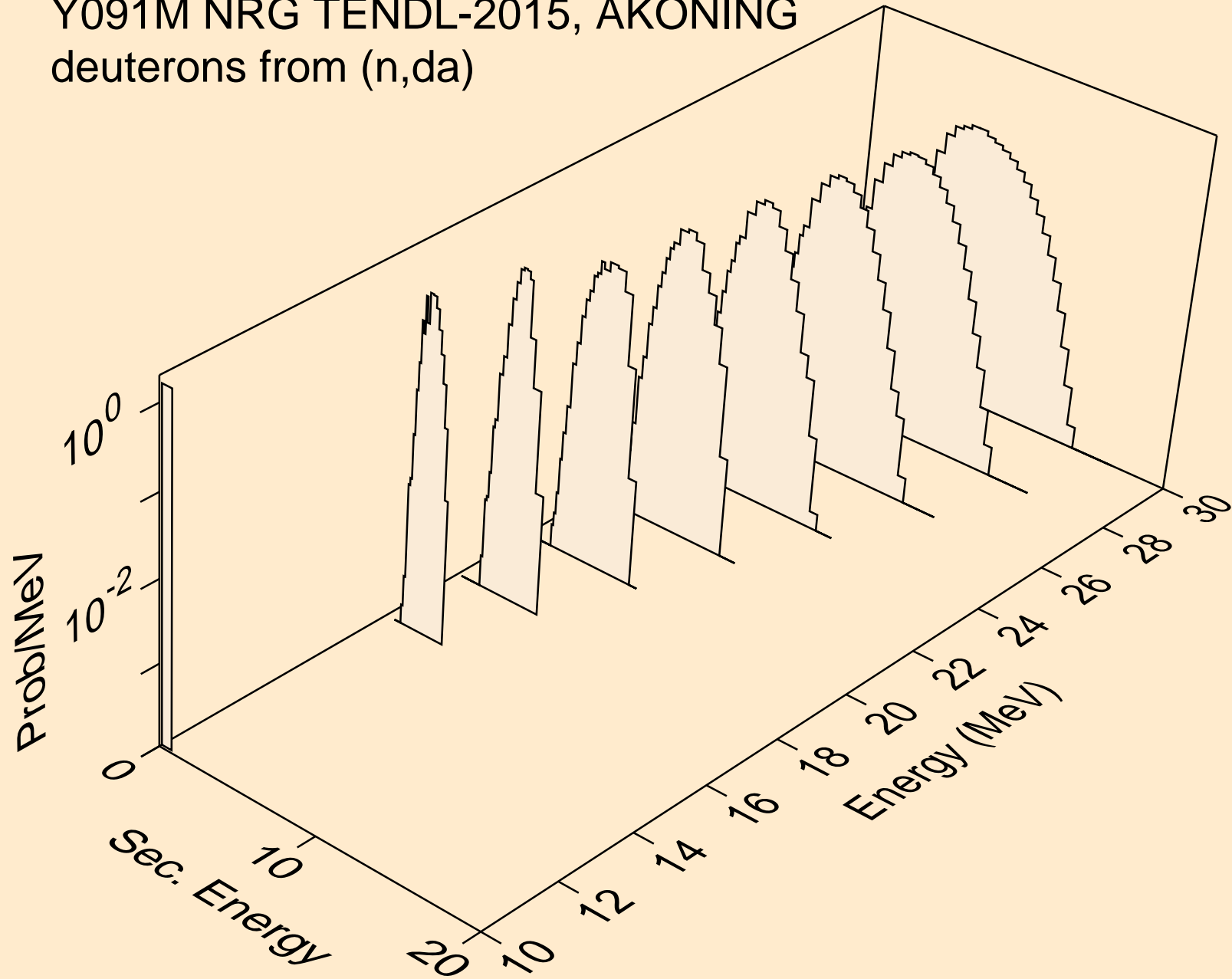
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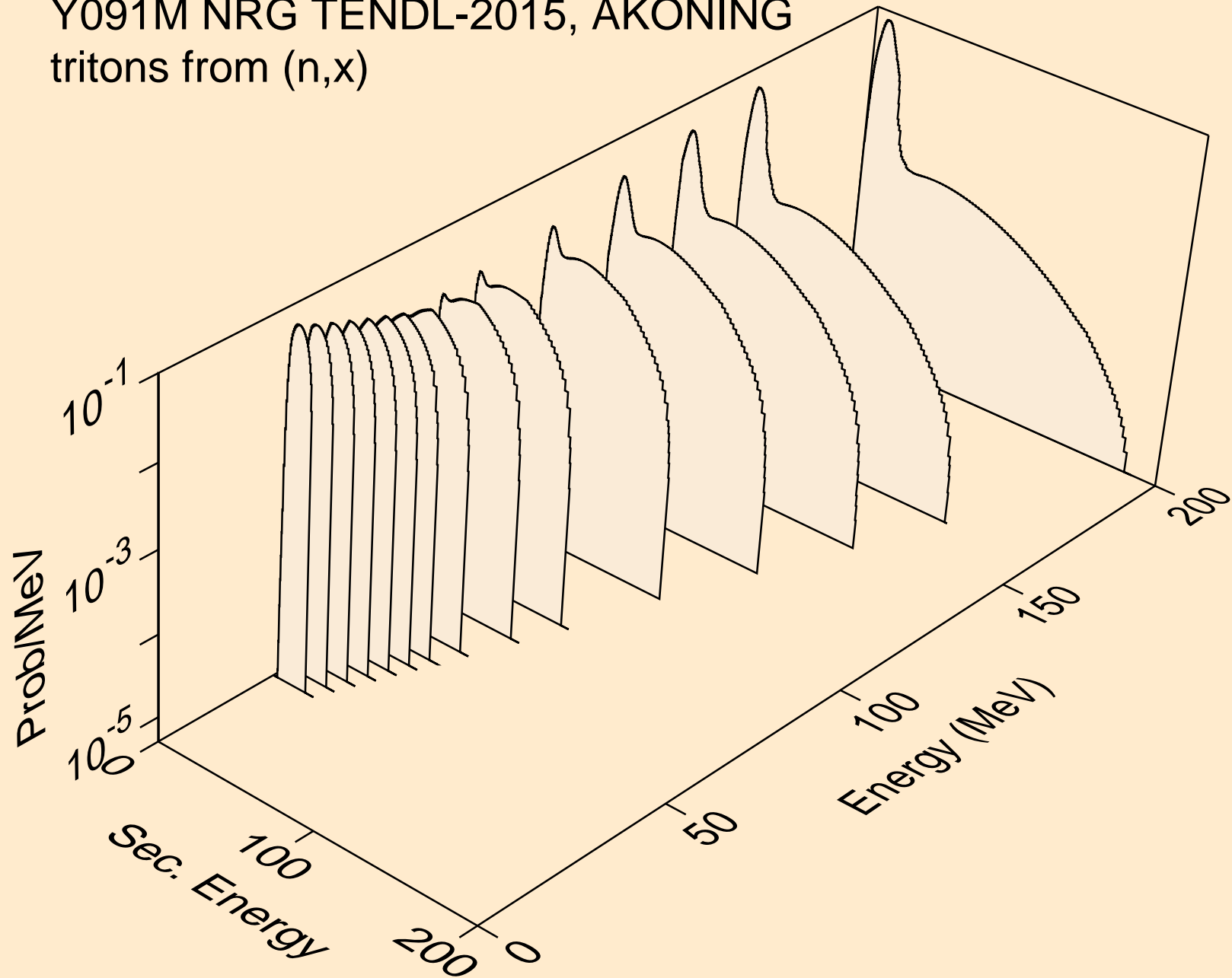
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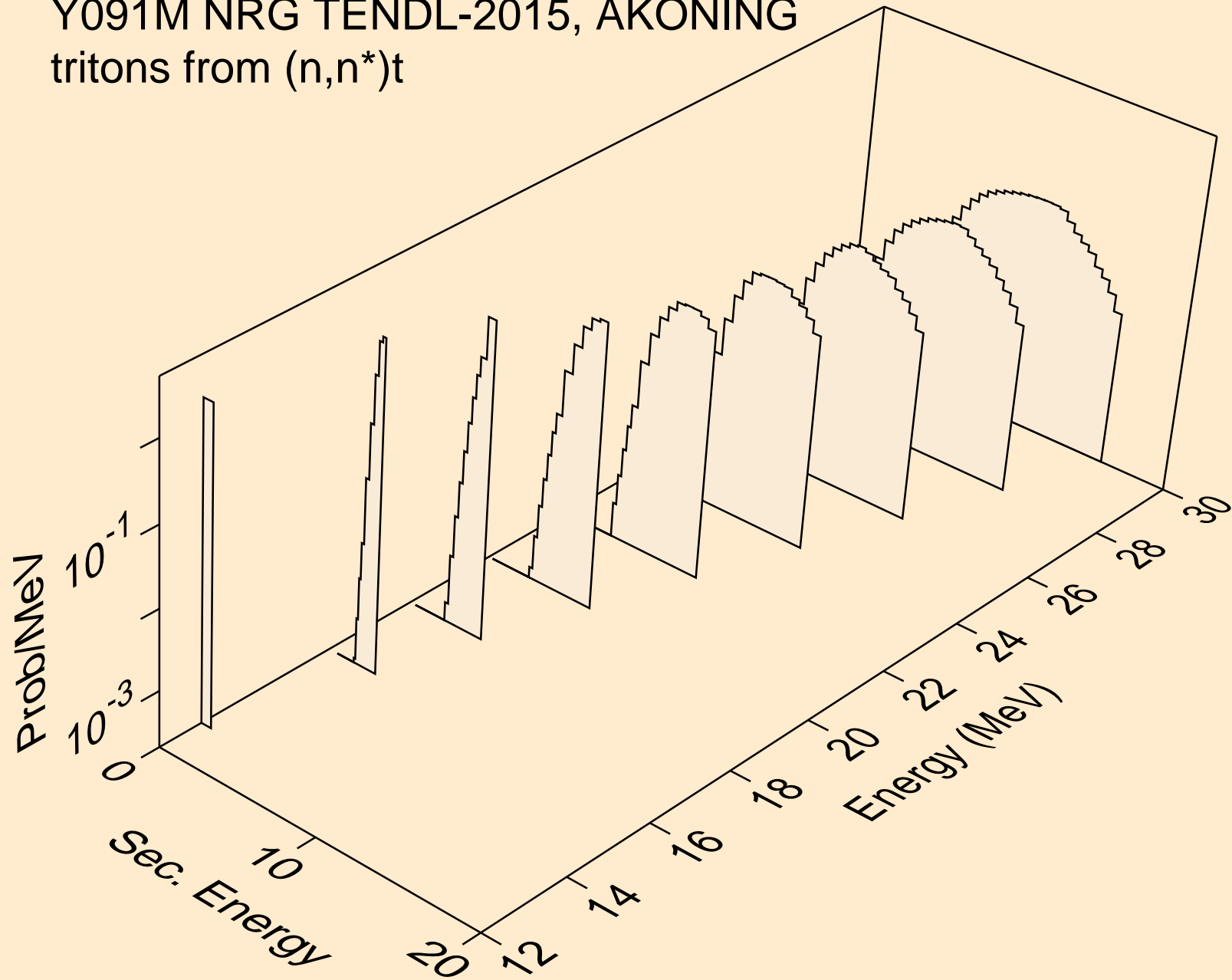
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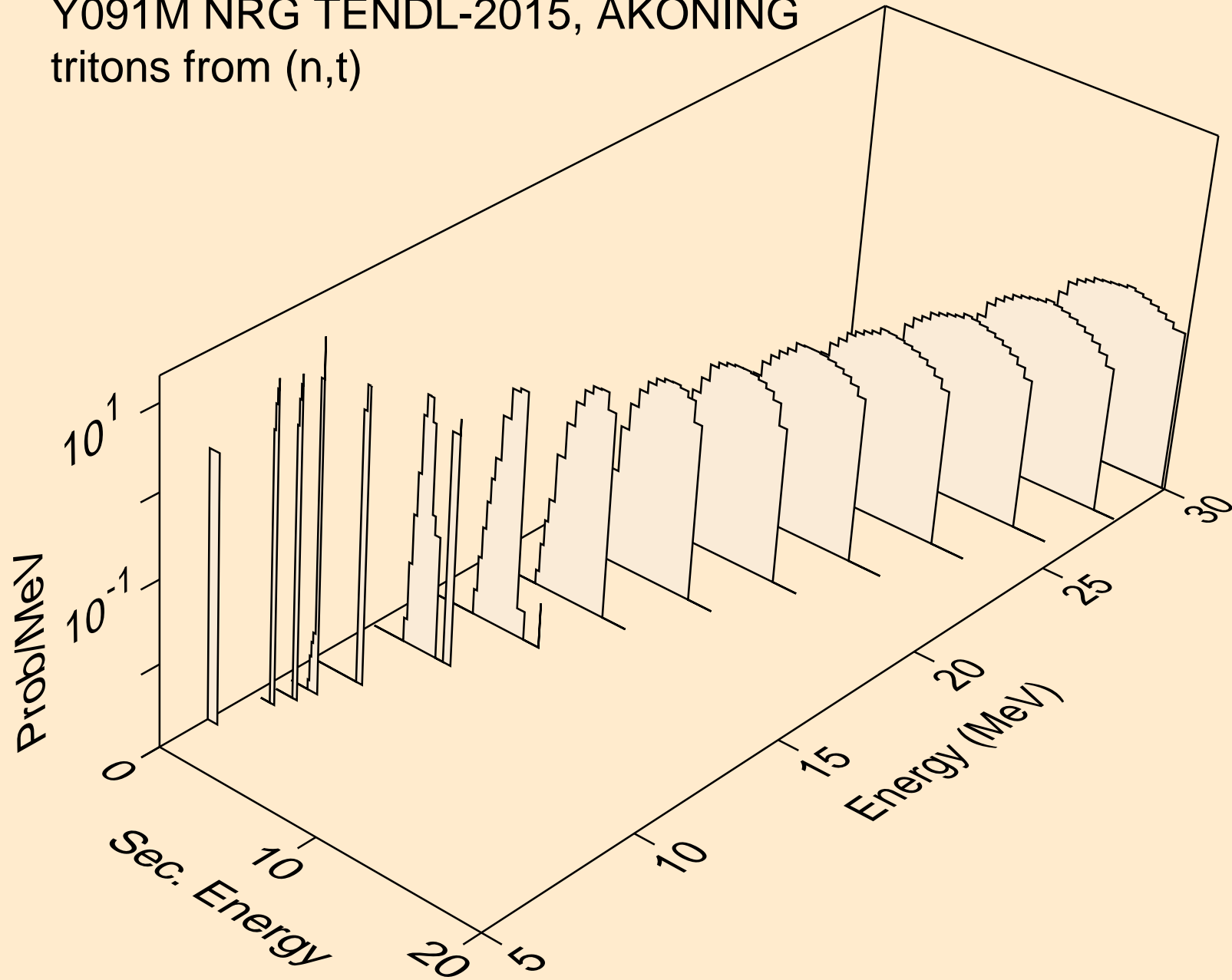
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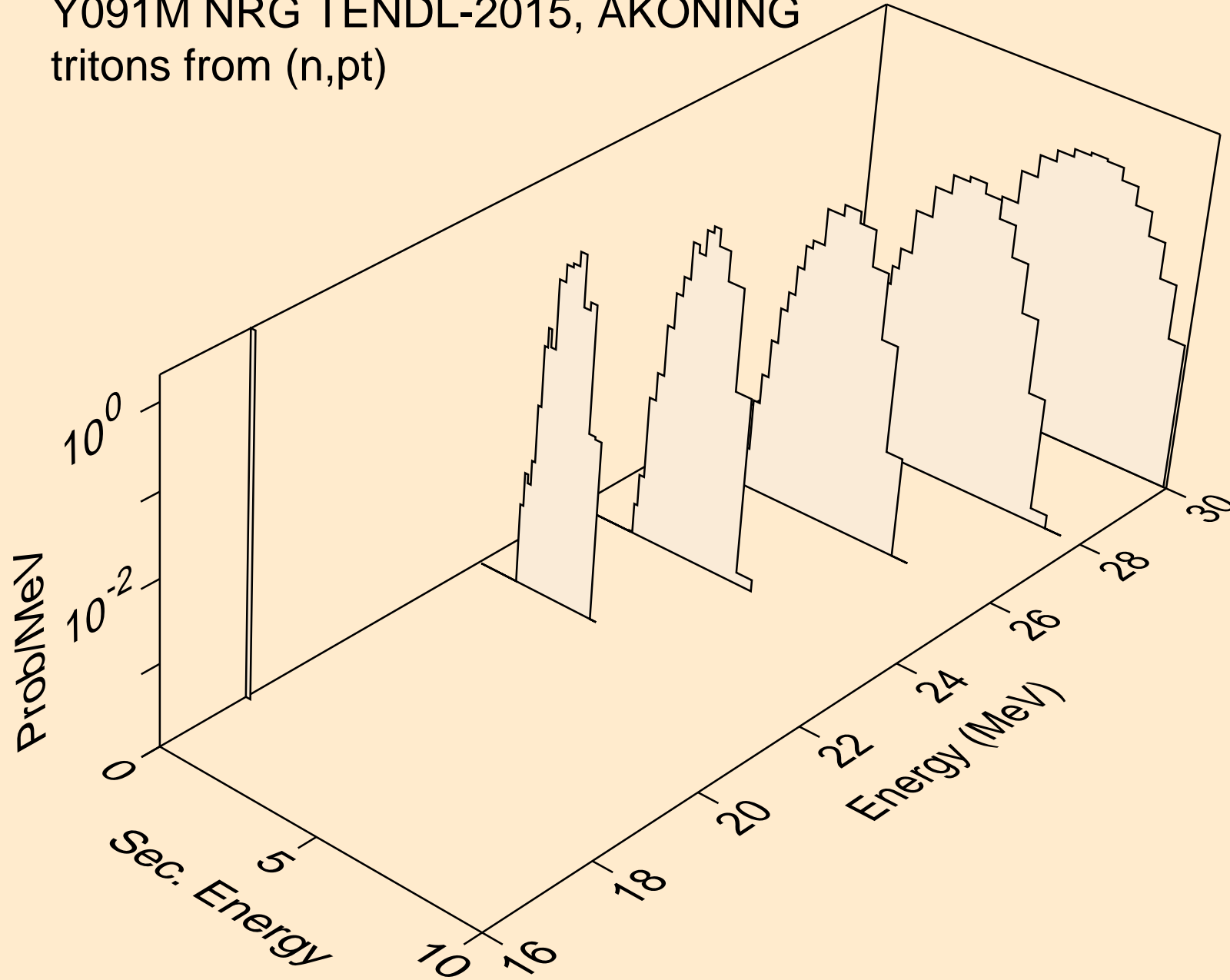


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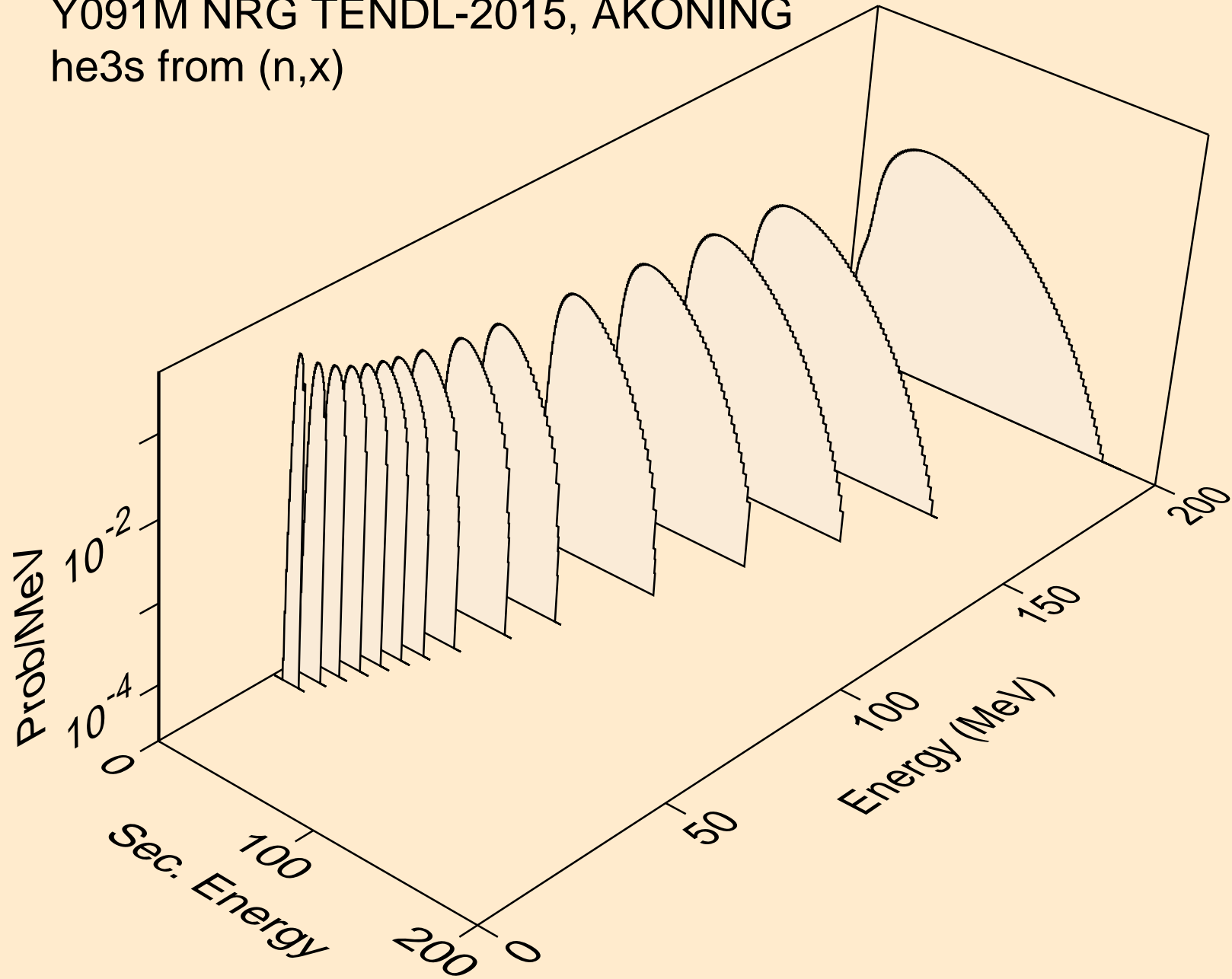




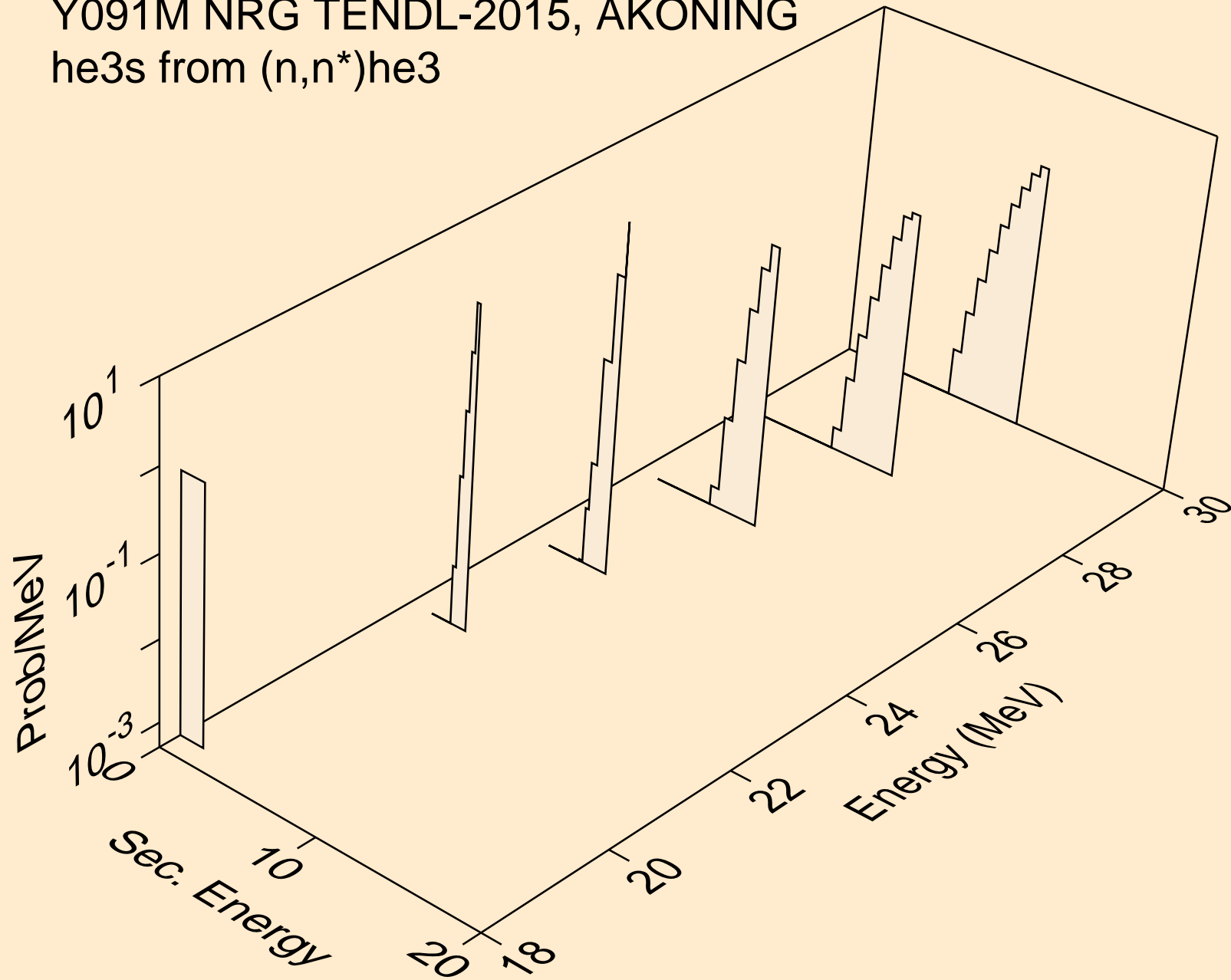
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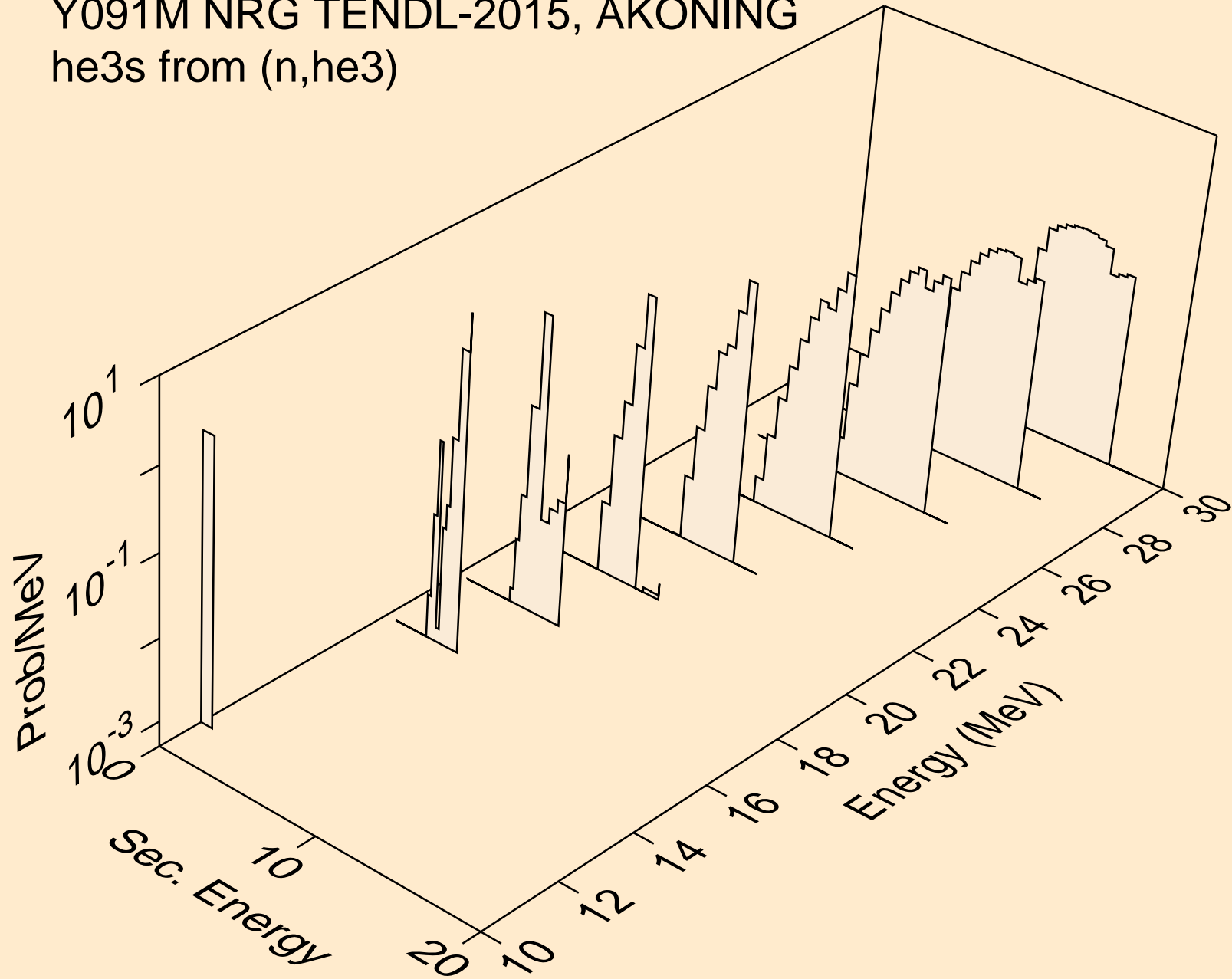
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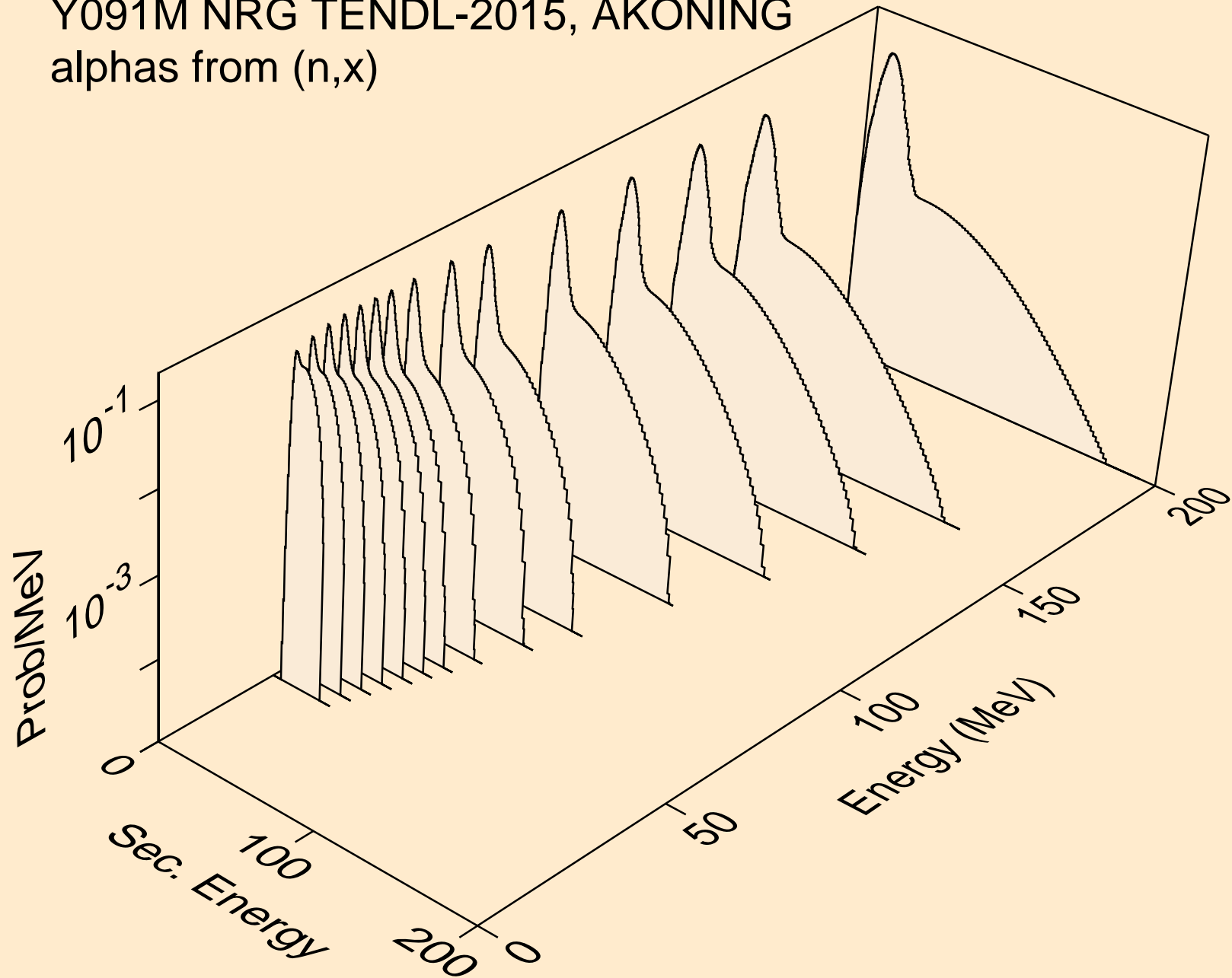
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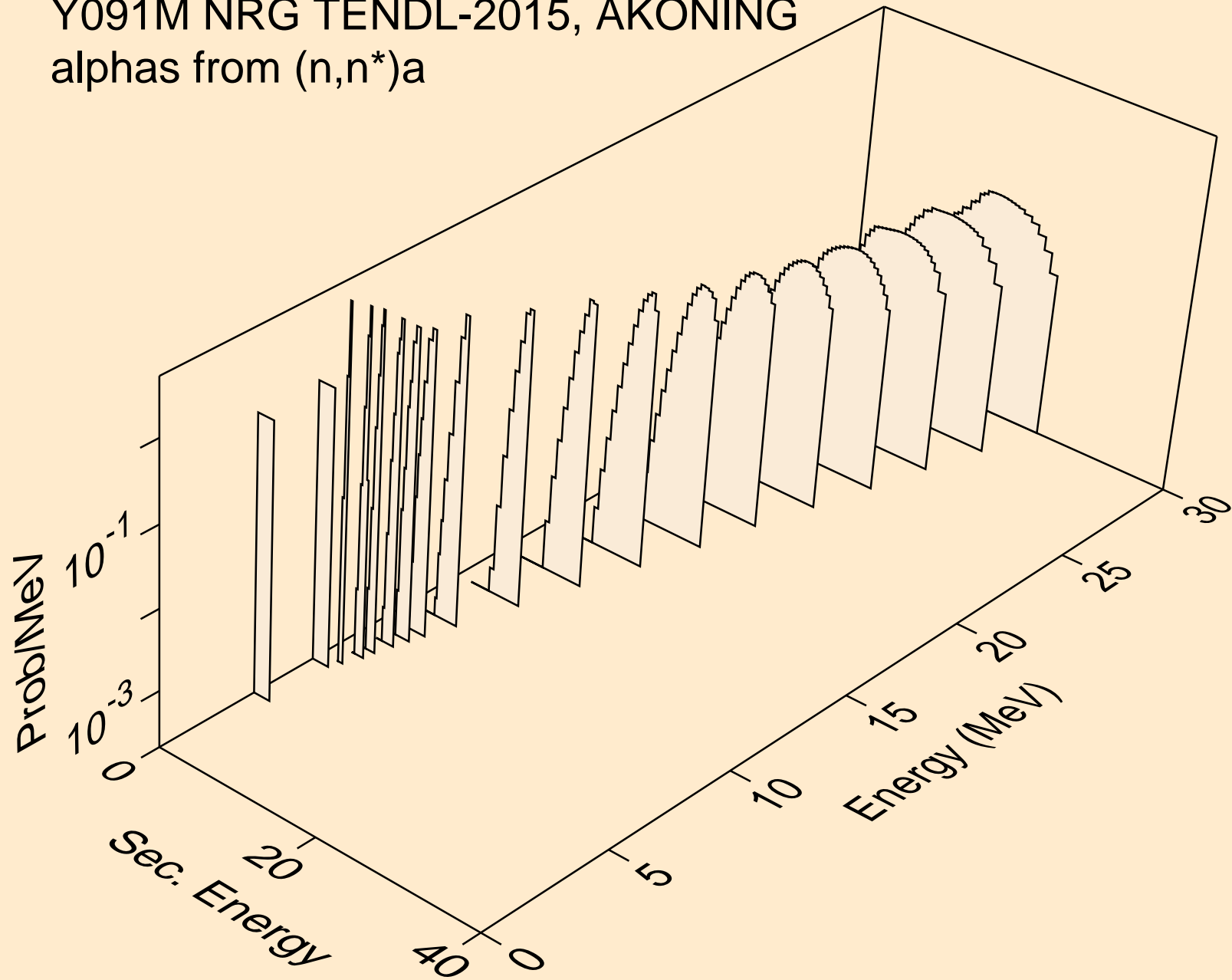
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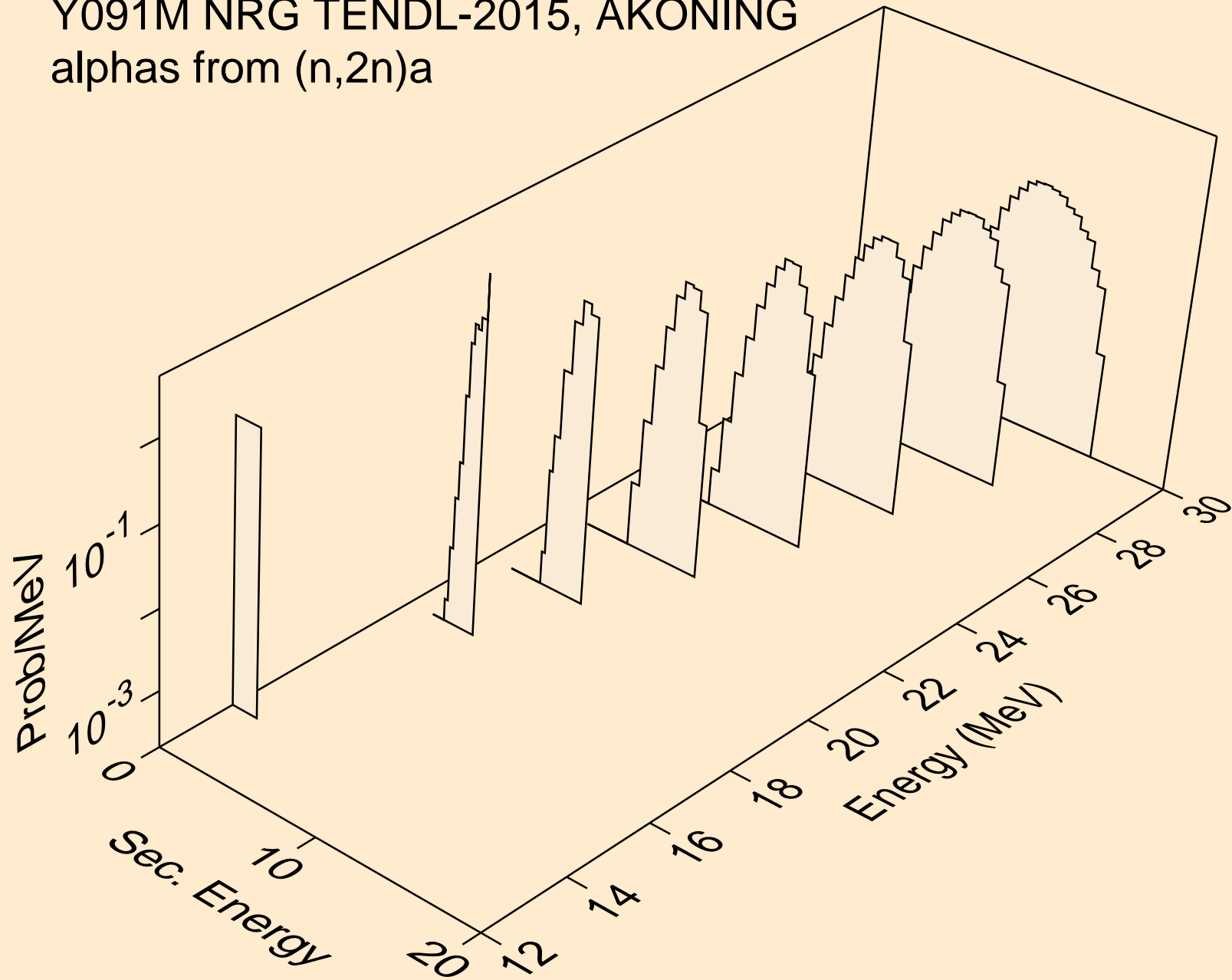
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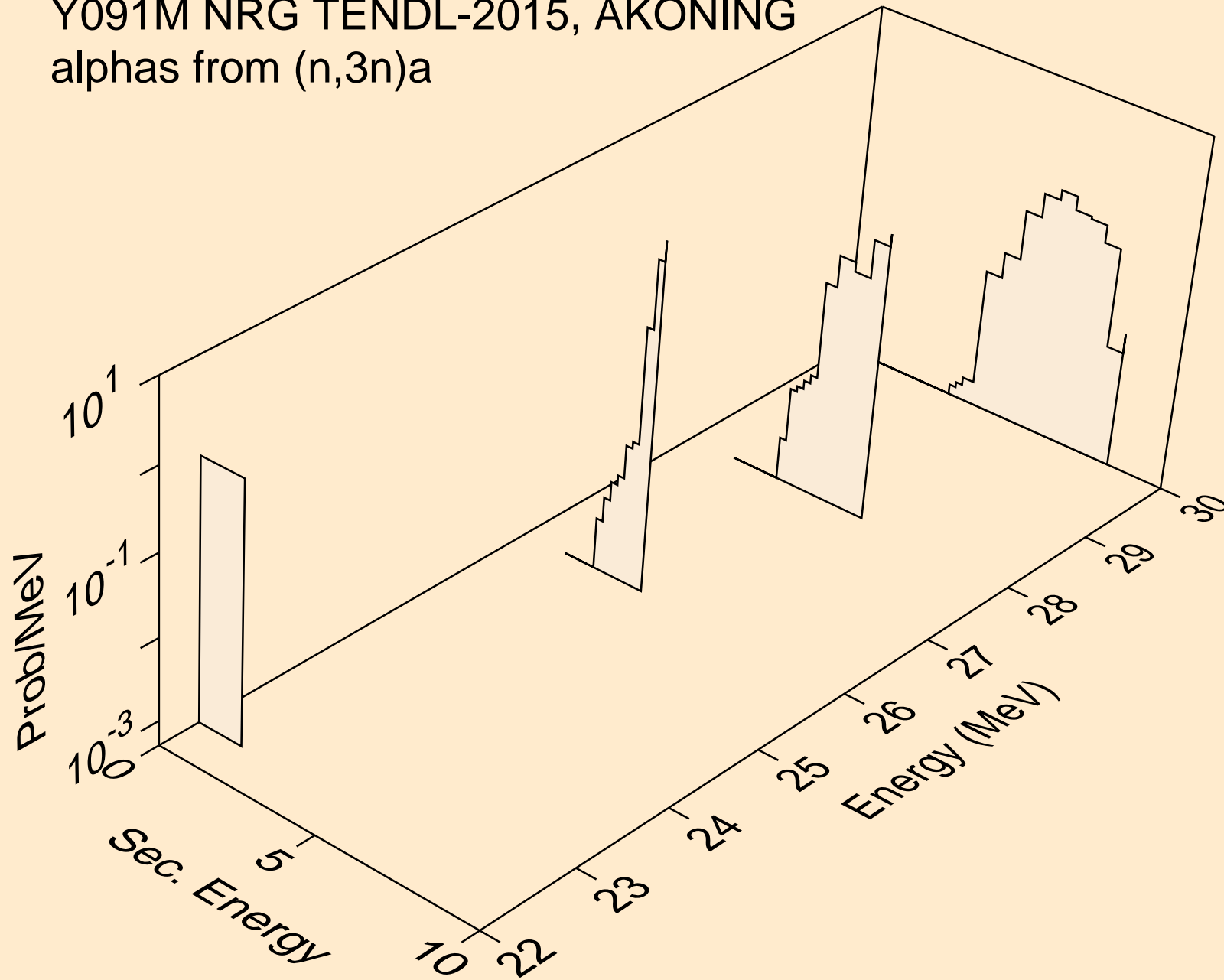
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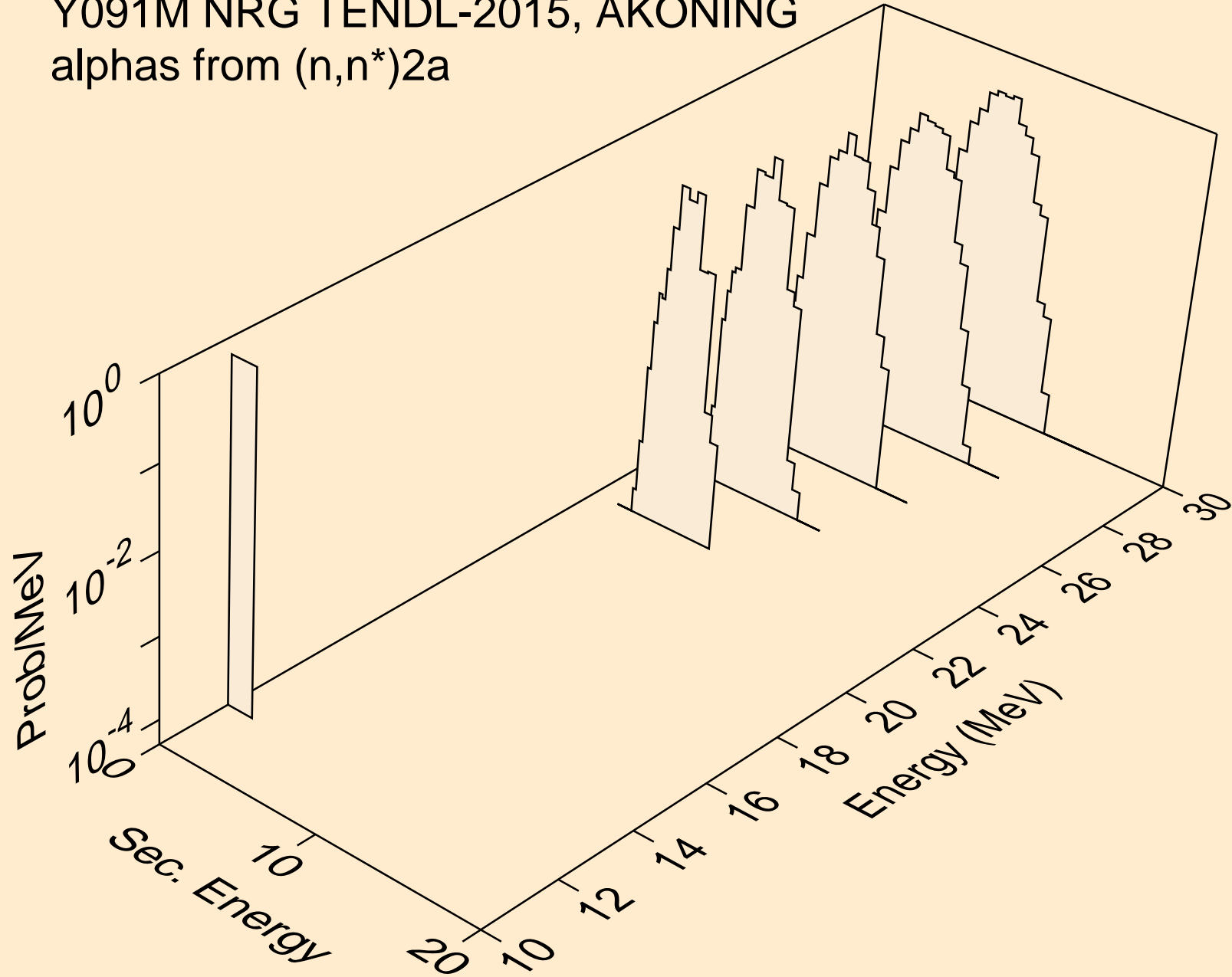


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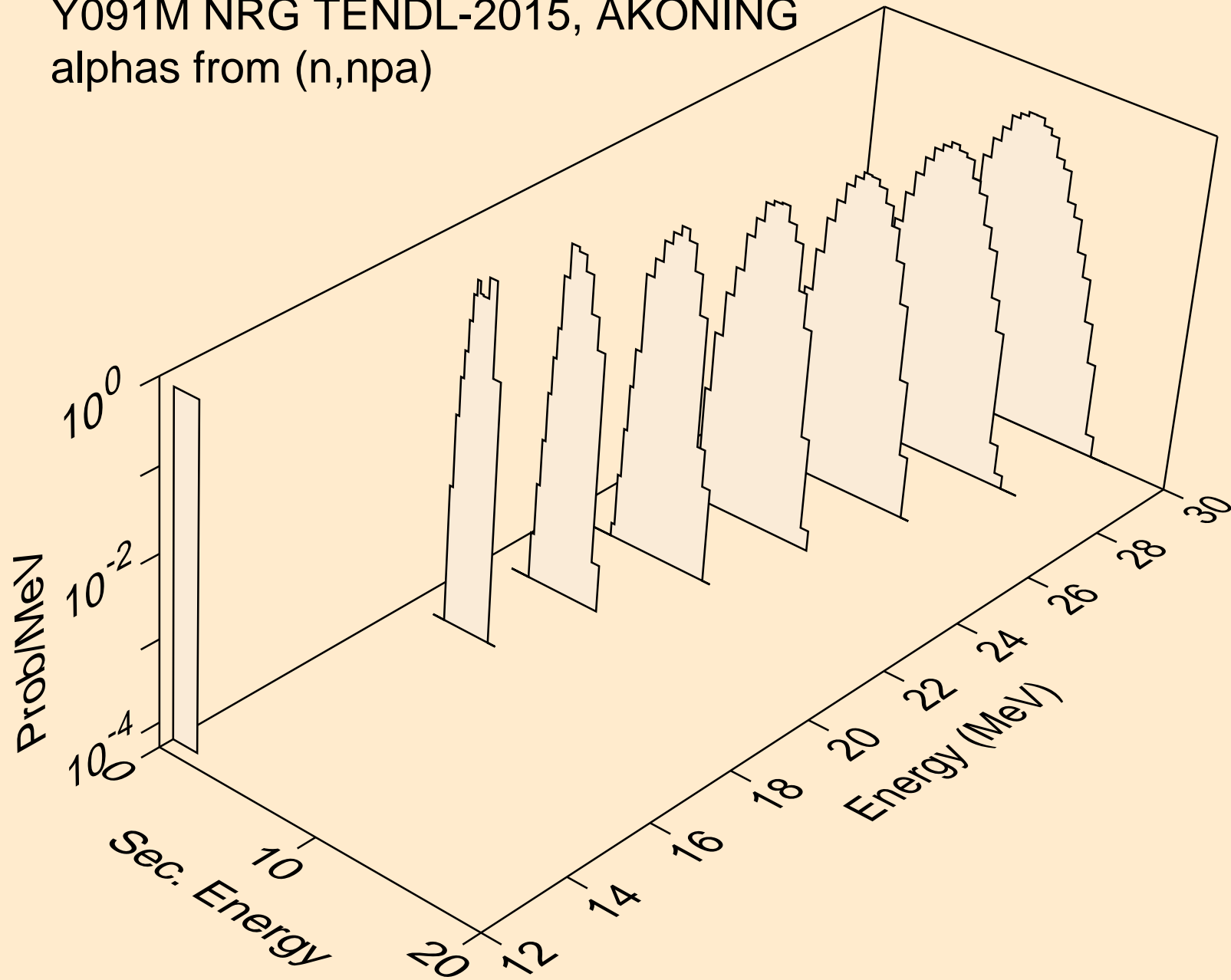




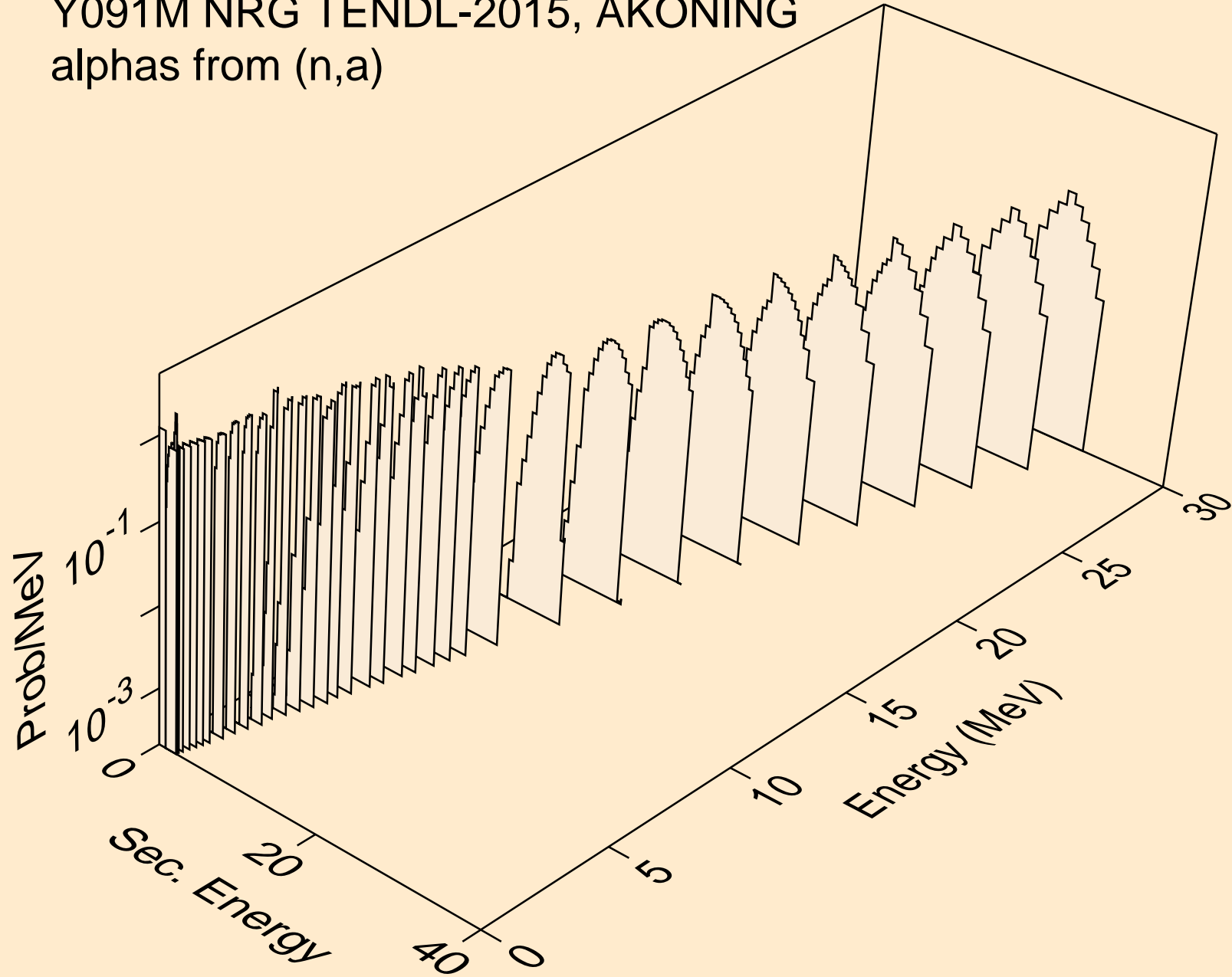
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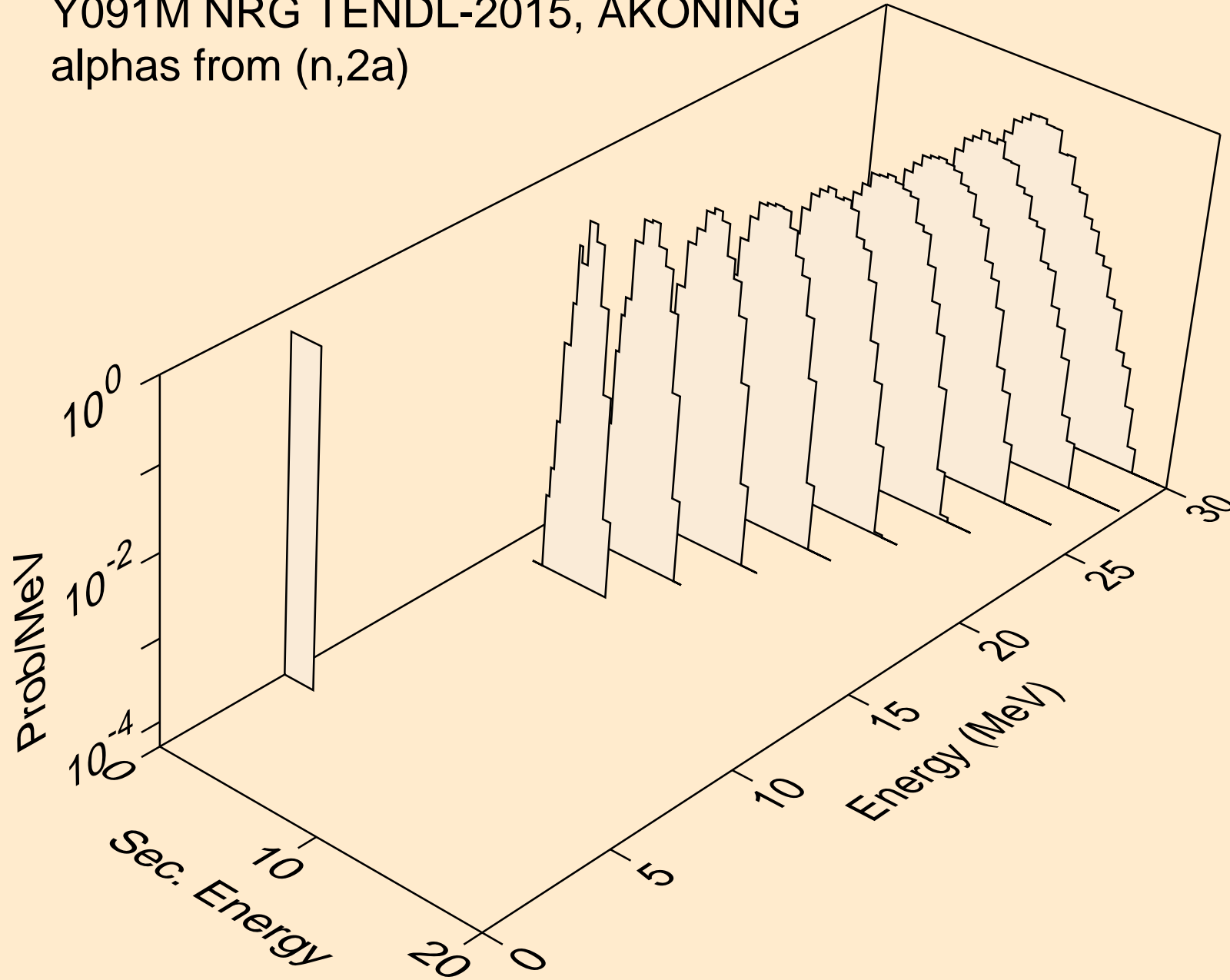
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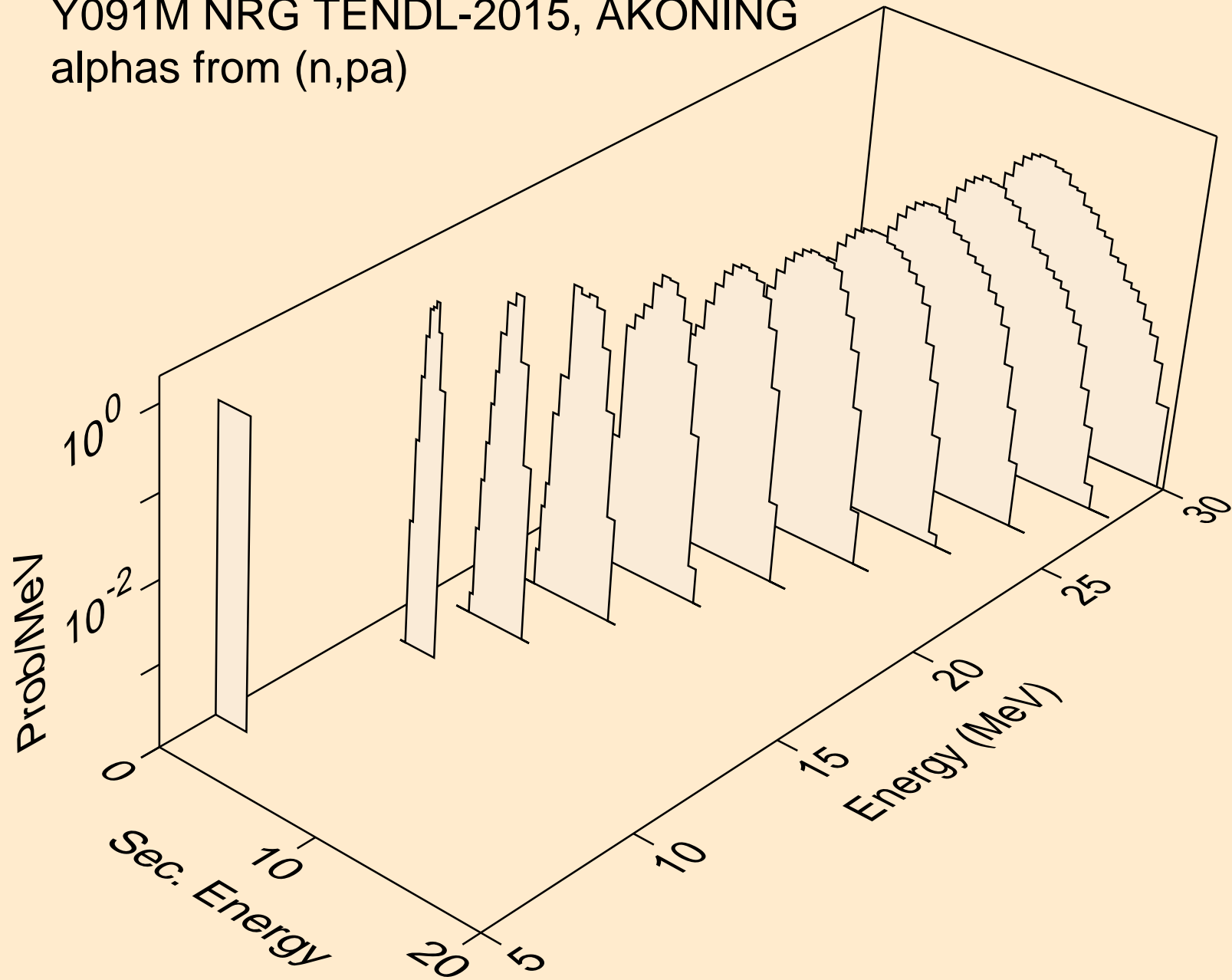
Y091M NRG TENDL-2015, AKONING  
alphas from (n,a)



Y091M NRG TENDL-2015, AKONING  
alphas from (n,2a)



Y091M NRG TENDL-2015, AKONING  
alphas from (n,pa)



Y091M NRG TENDL-2015, AKONING  
alphas from (n,da)

