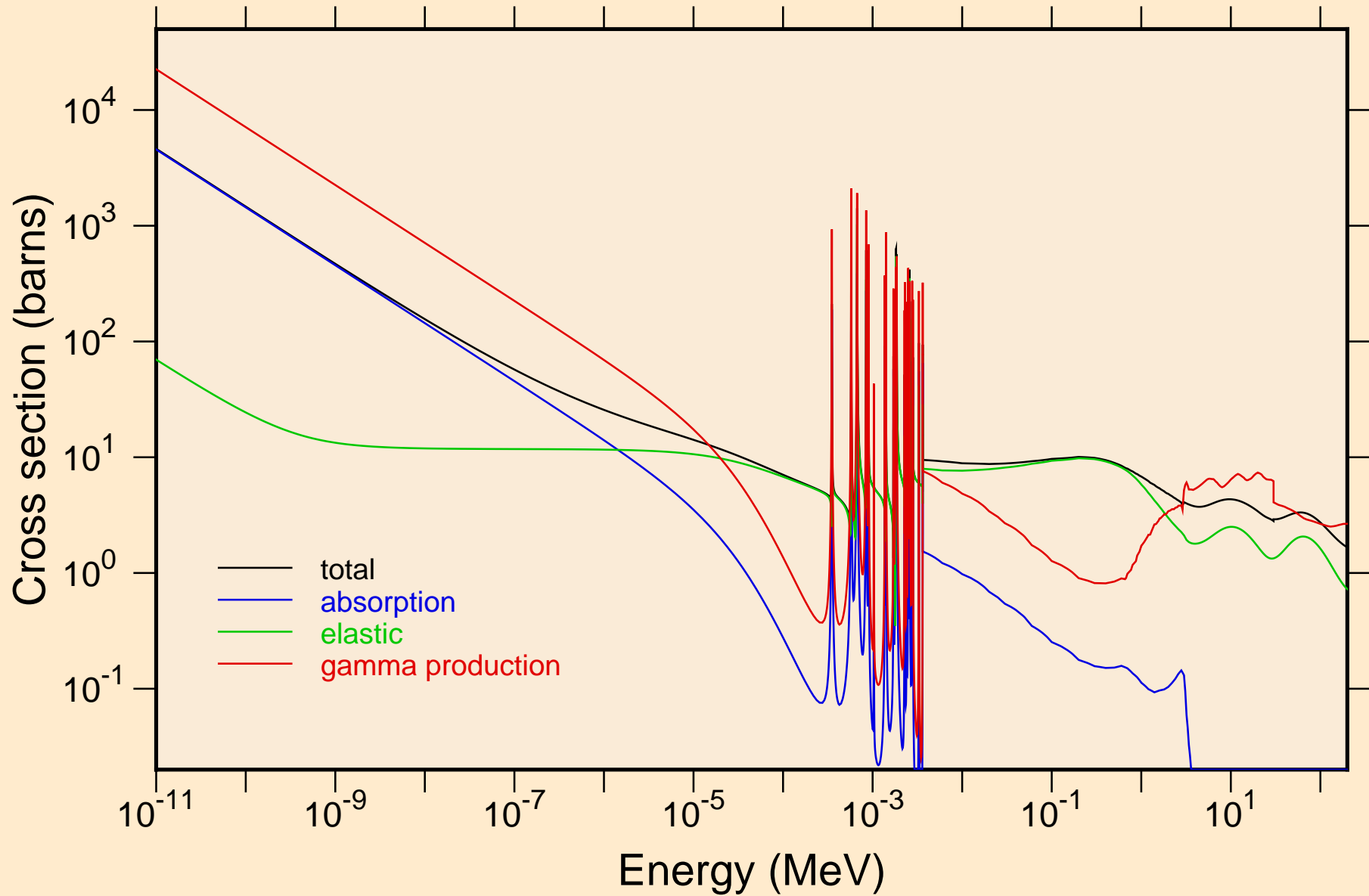
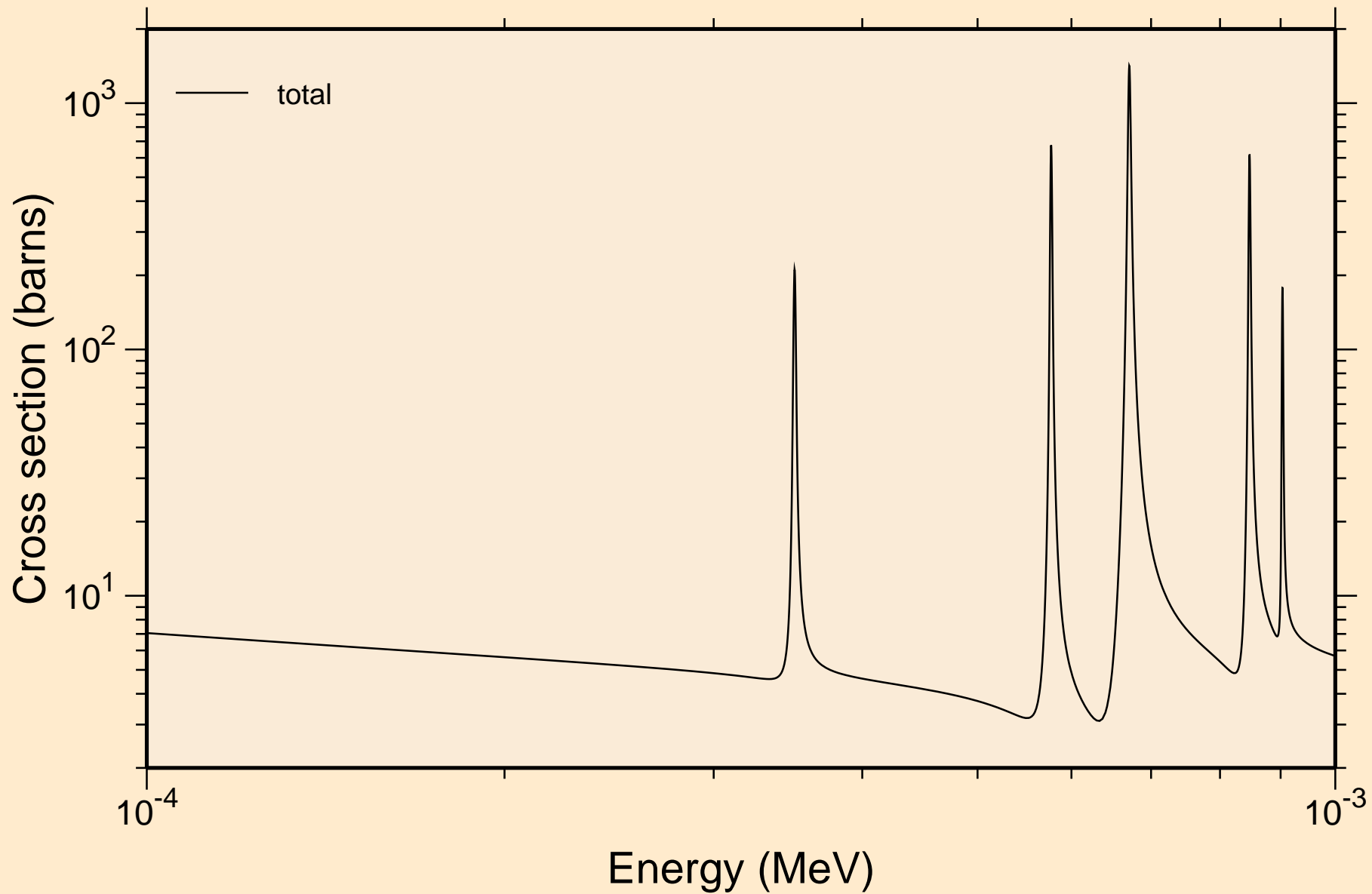


# Y097M NRG TENDL-2015, AKONING

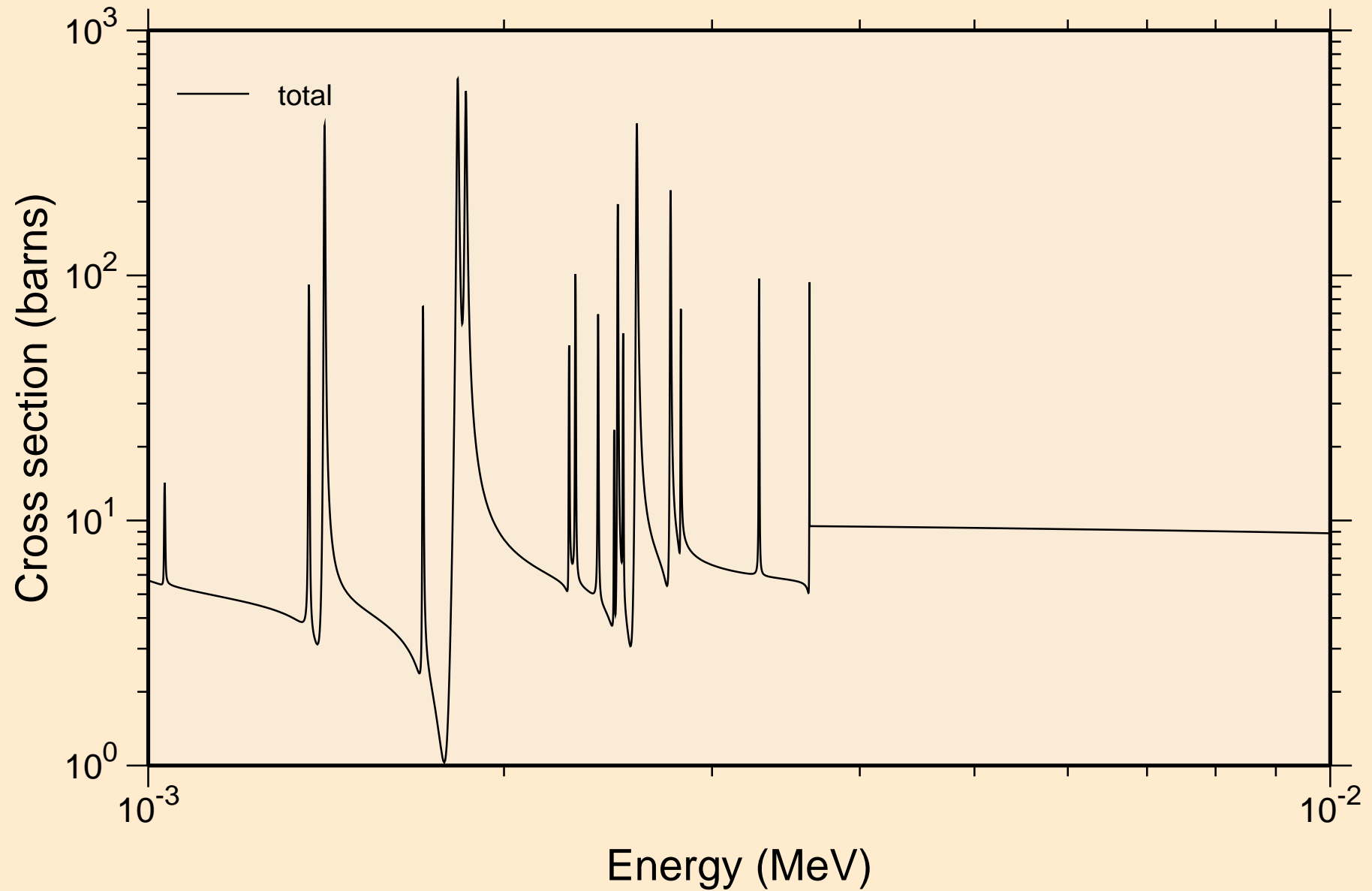
## Principal cross sections



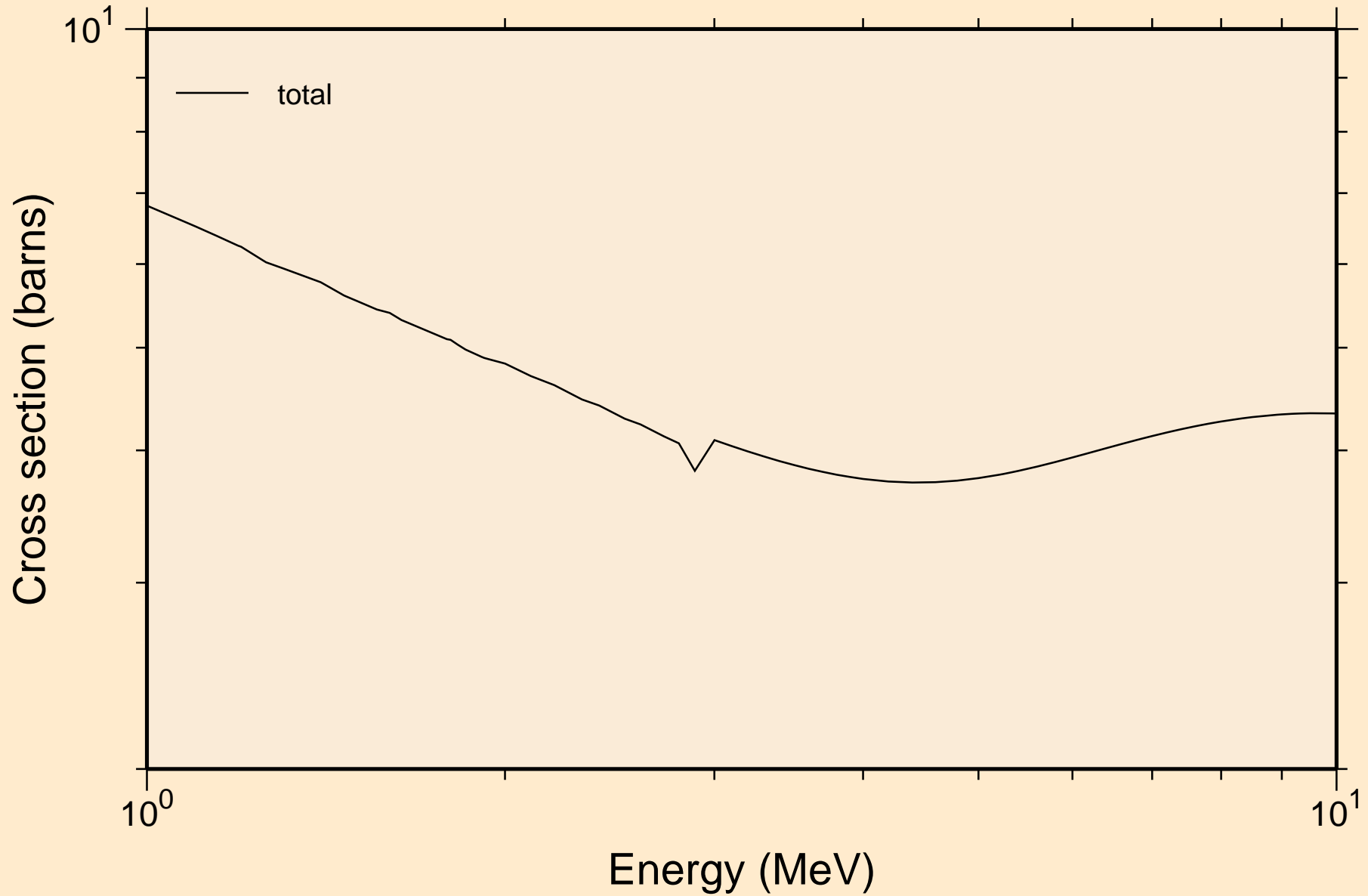
Y097M NRG TENDL-2015, AKONING  
resonance total cross section



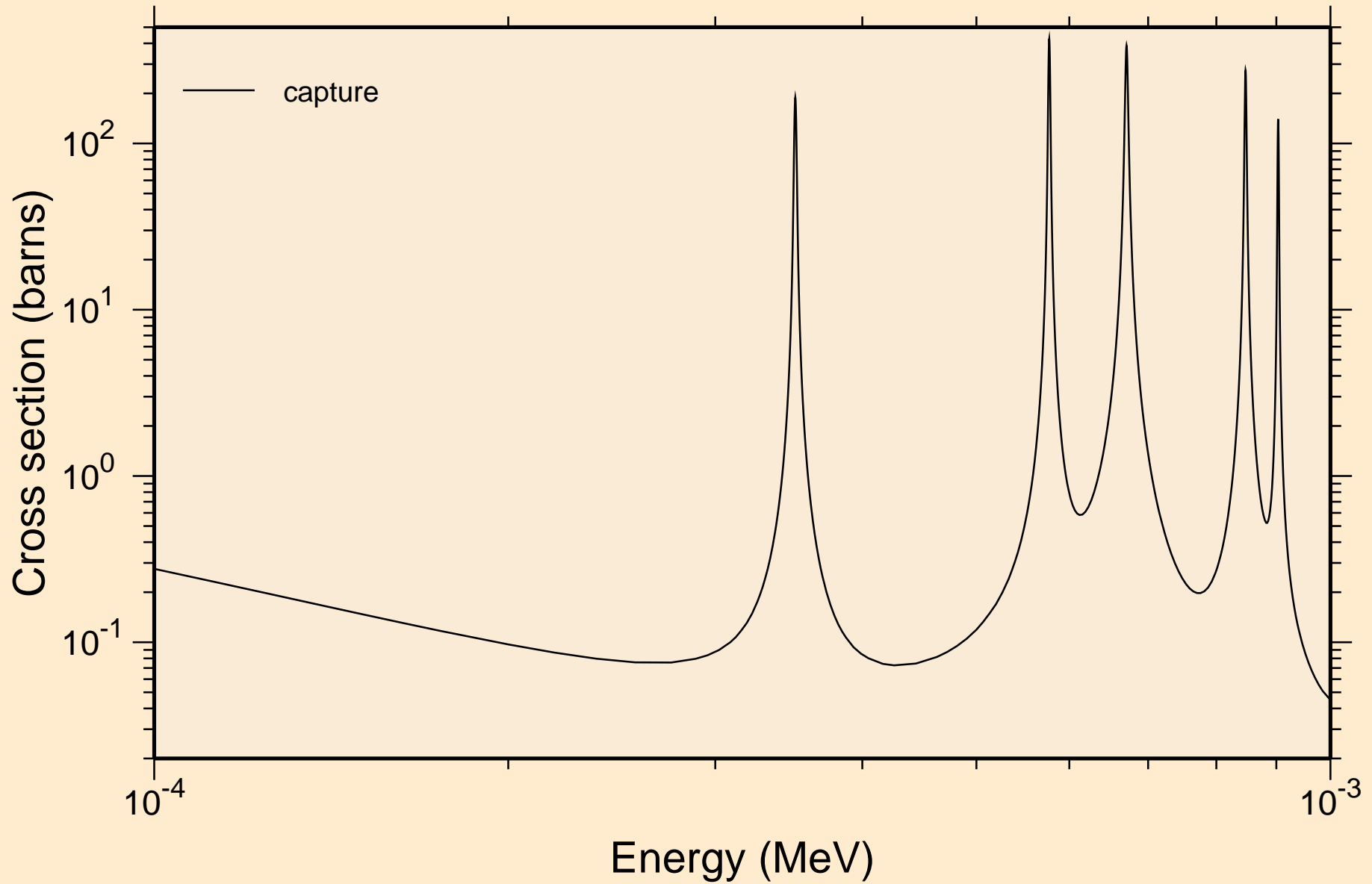
Y097M NRG TENDL-2015, AKONING  
resonance total cross section



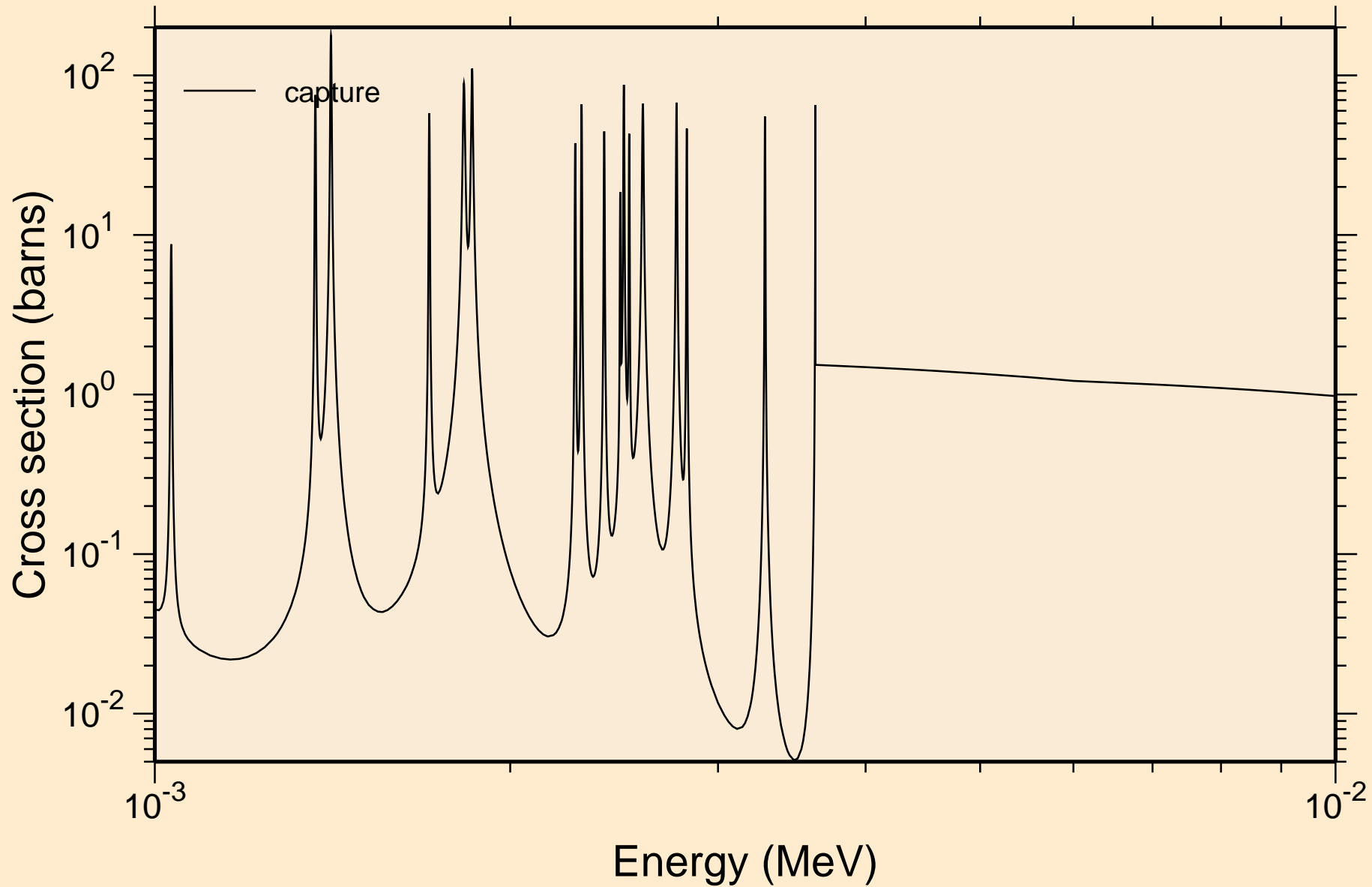
Y097M NRG TENDL-2015, AKONING  
resonance total cross section



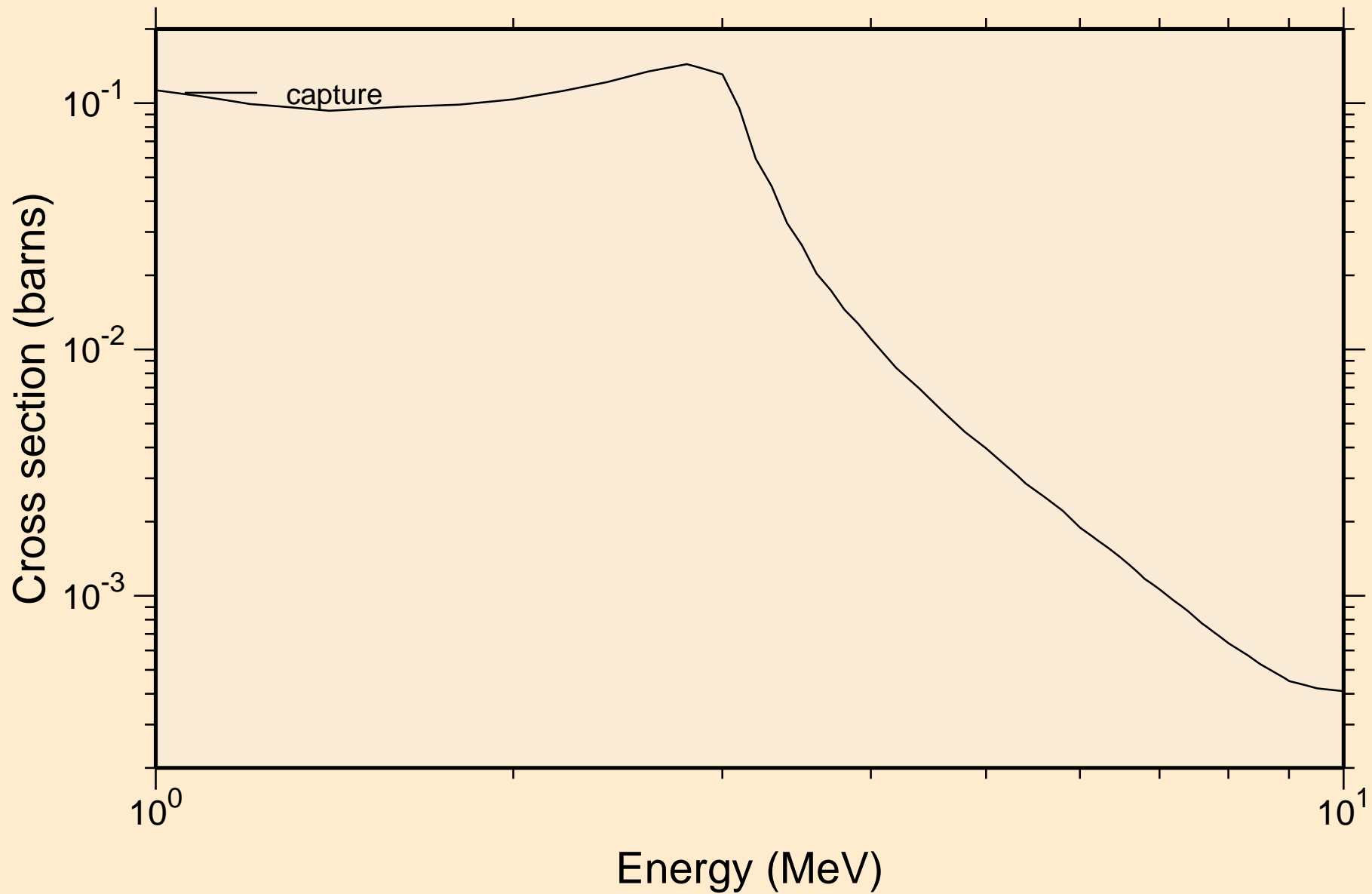
Y097M NRG TENDL-2015, AKONING  
resonance absorption cross sections



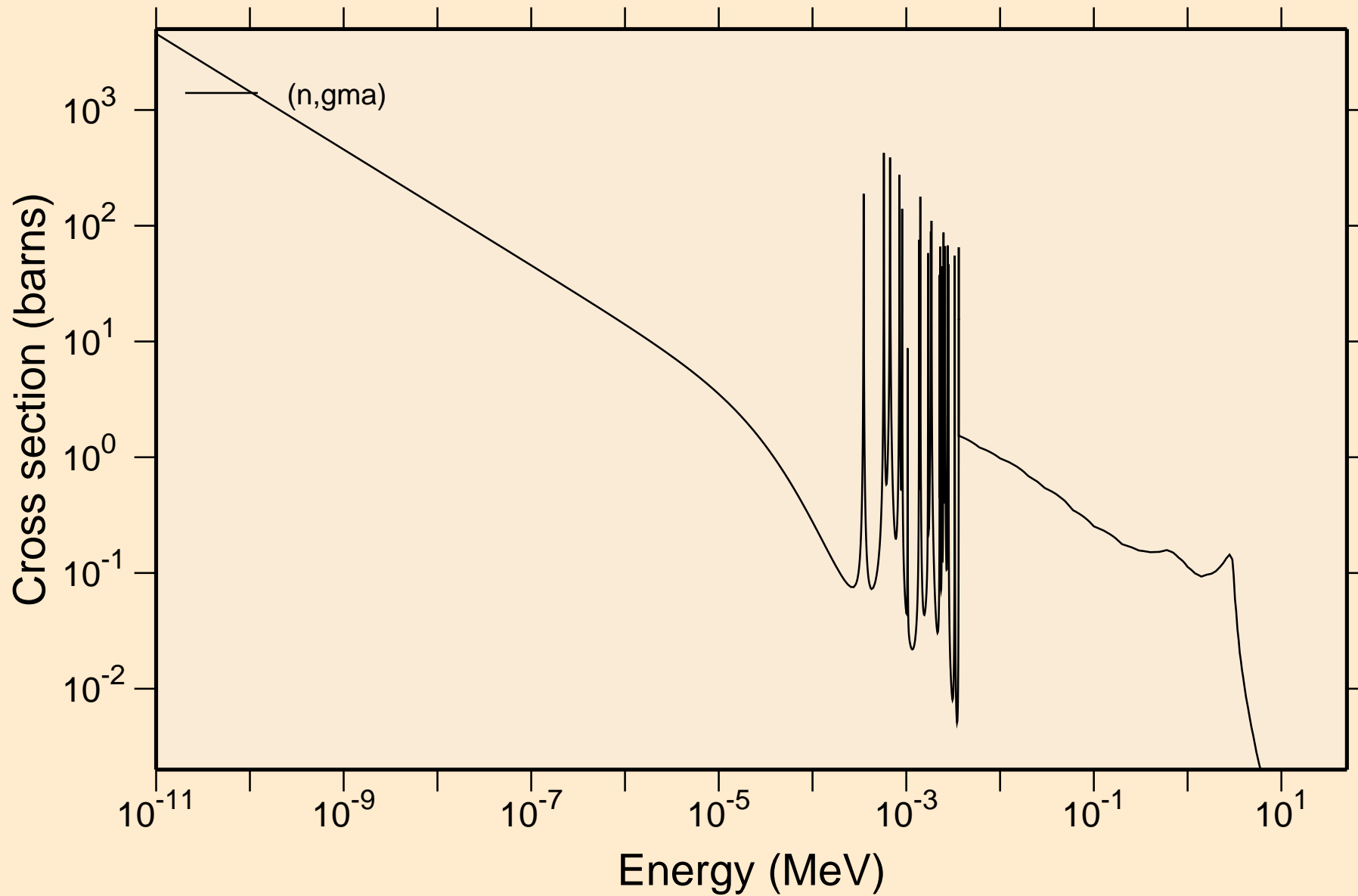
Y097M NRG TENDL-2015, AKONING  
resonance absorption cross sections



Y097M NRG TENDL-2015, AKONING  
resonance absorption cross sections



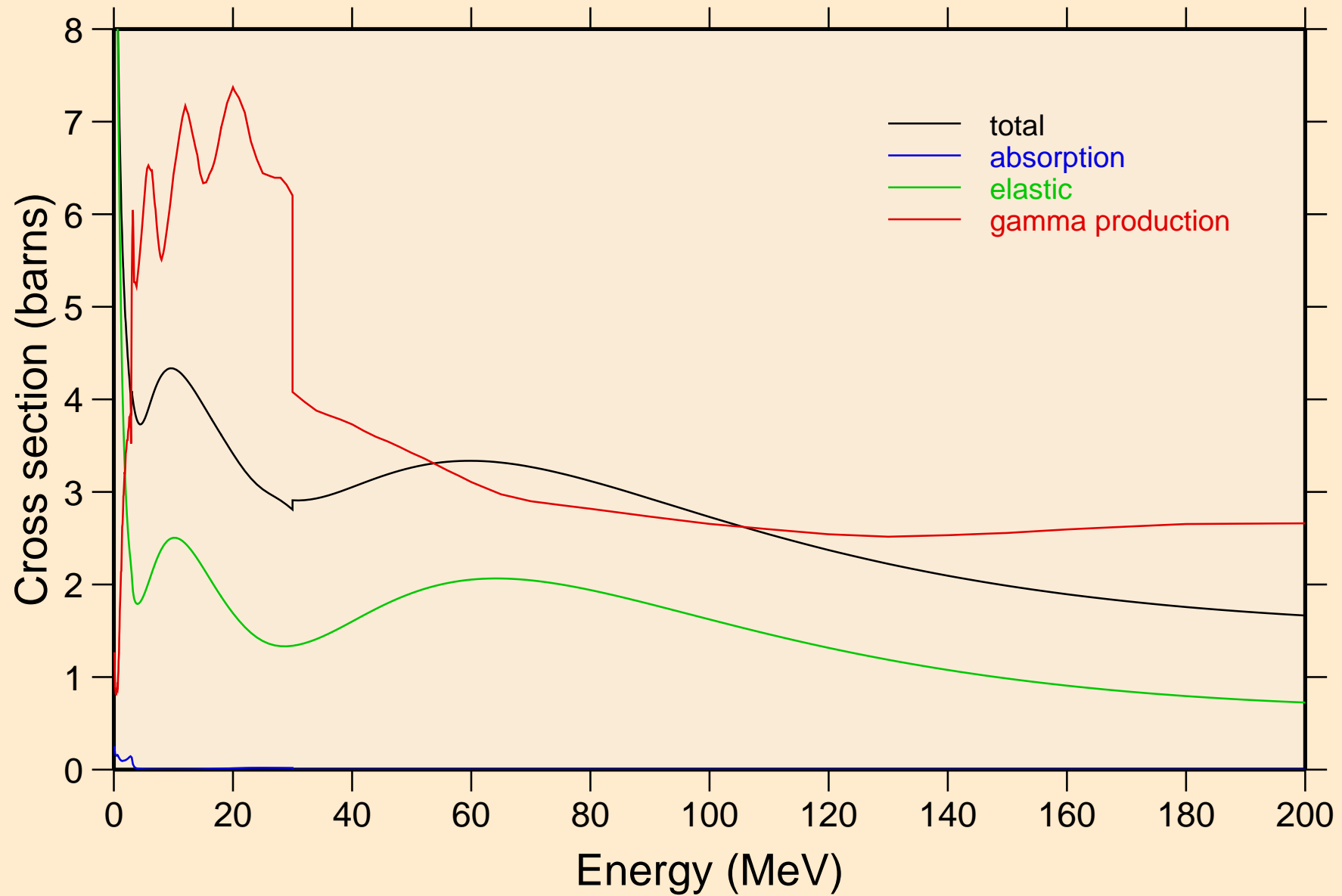
Y097M NRG TENDL-2015, AKONING  
Non-threshold reactions



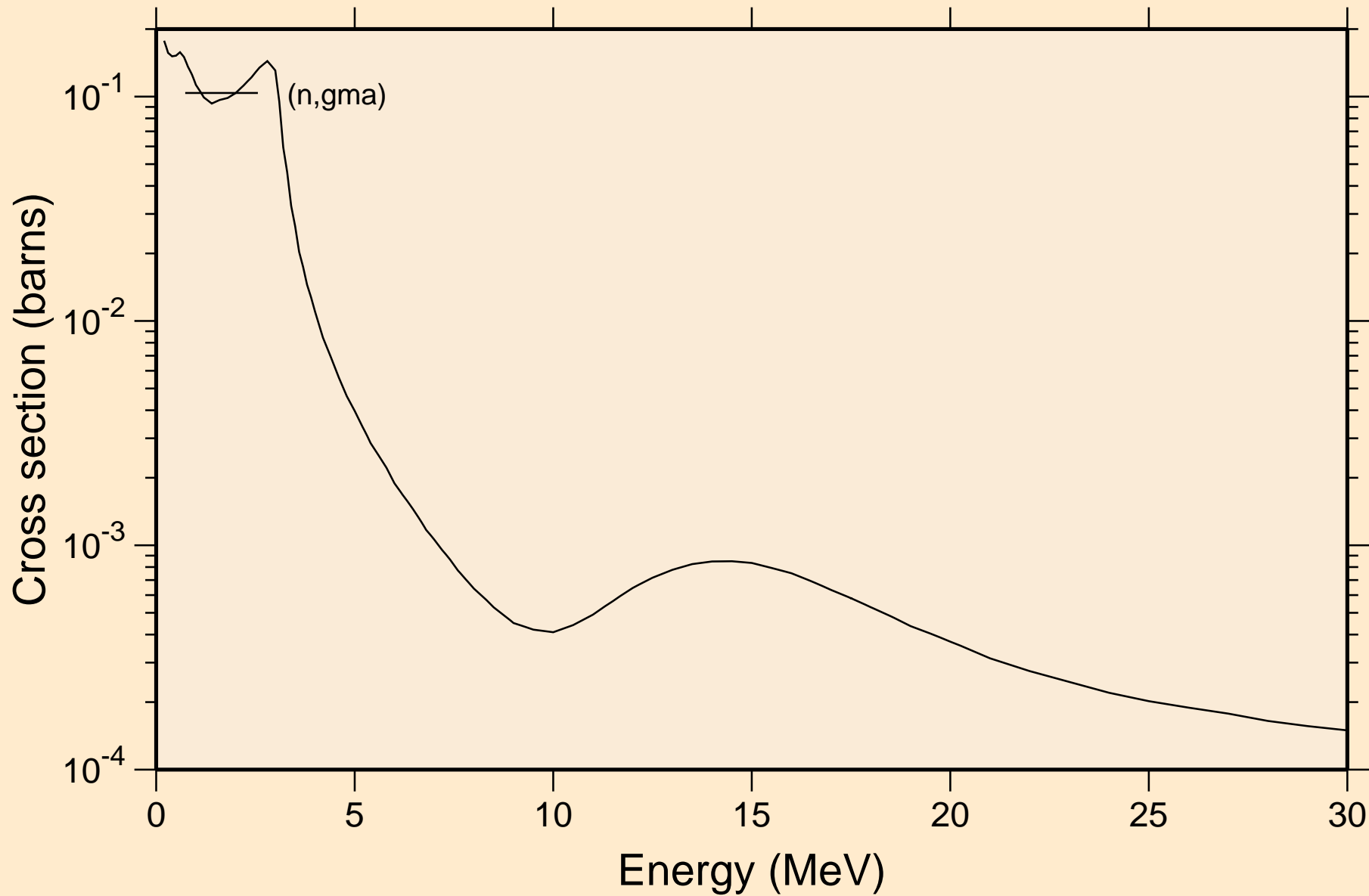


# Y097M NRG TENDL-2015, AKONING

## Principal cross sections

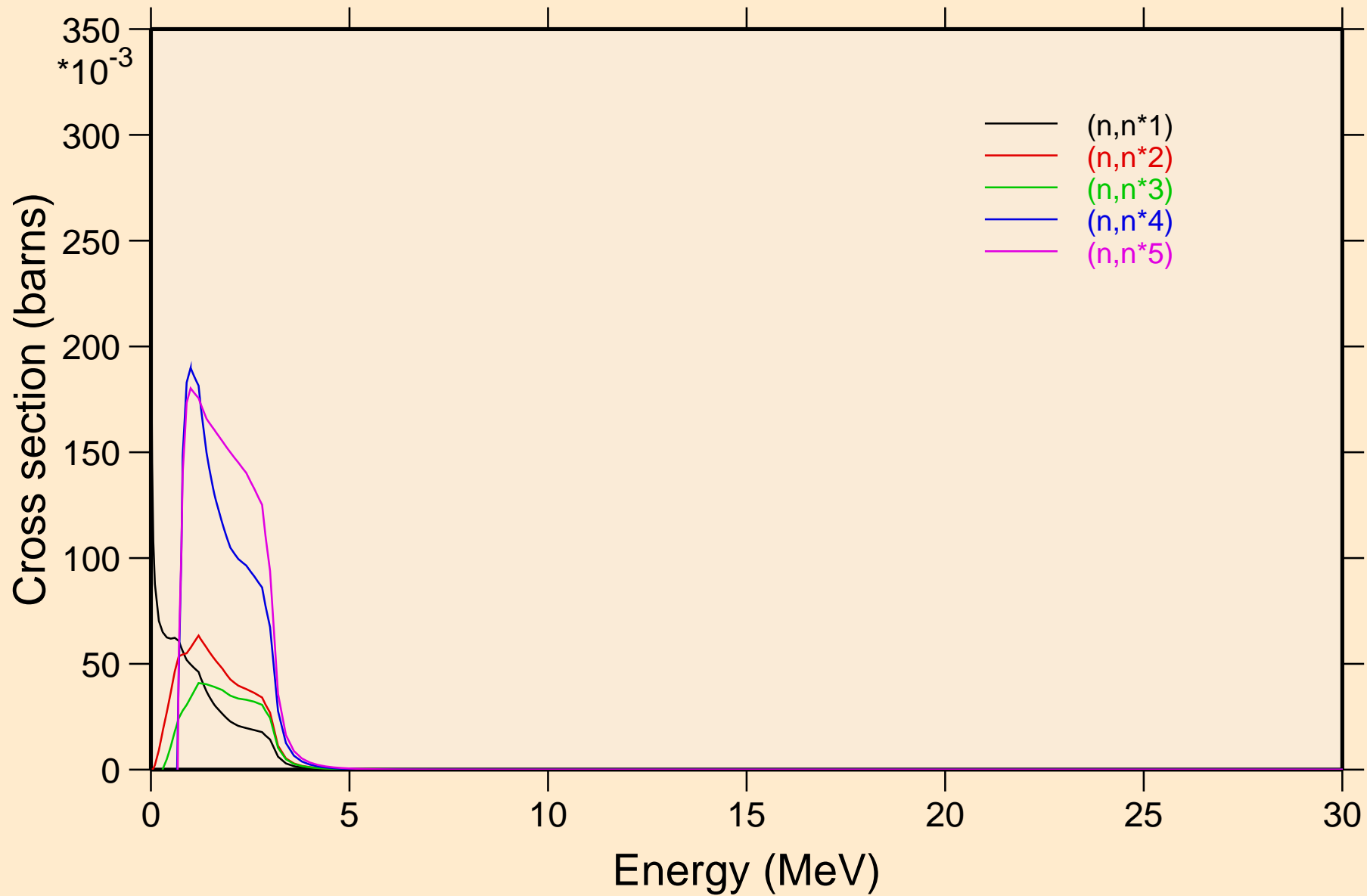


Y097M NRG TENDL-2015, AKONING  
Non-threshold reactions



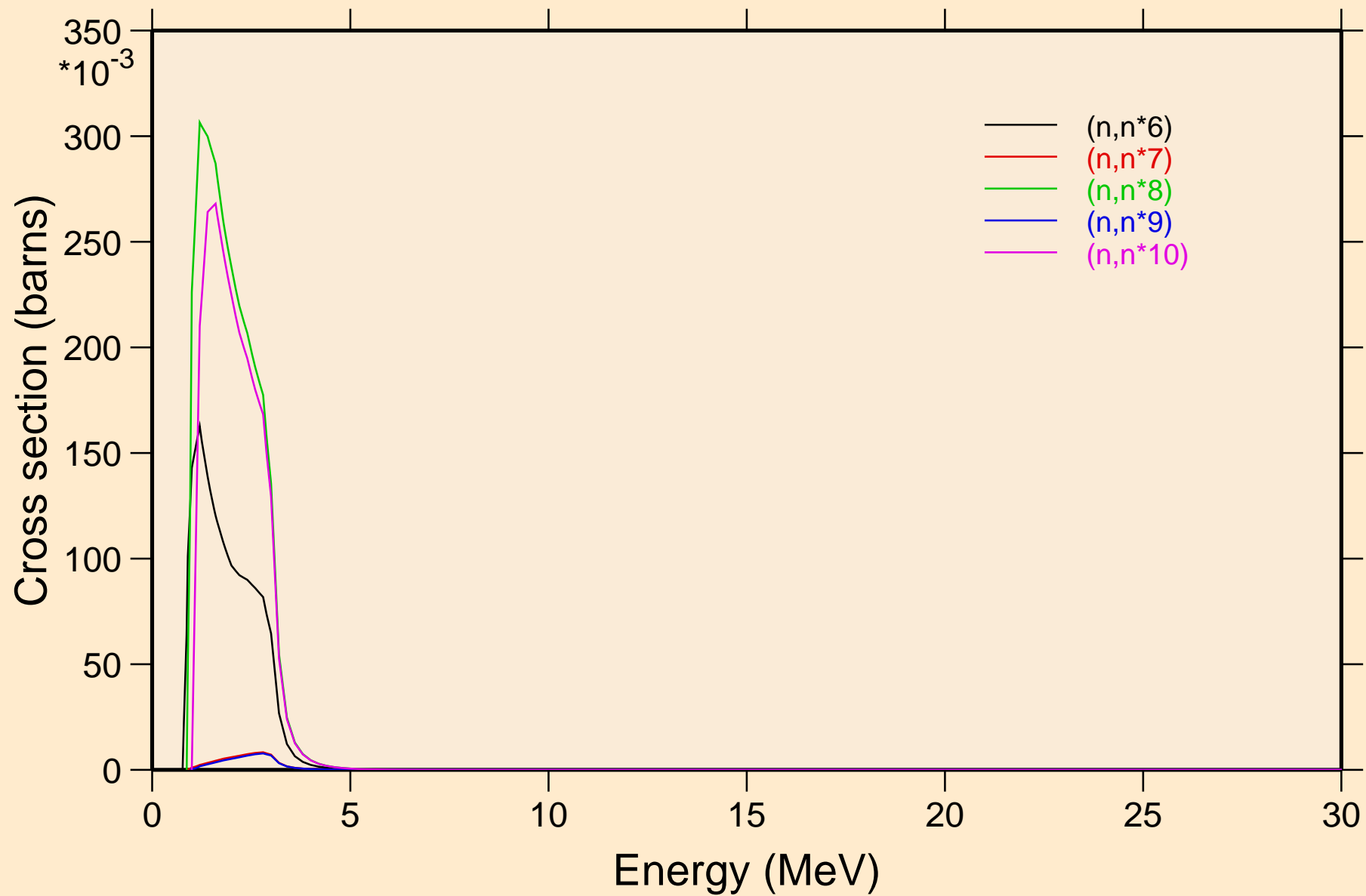
# Y097M NRG TENDL-2015, AKONING

## Inelastic levels



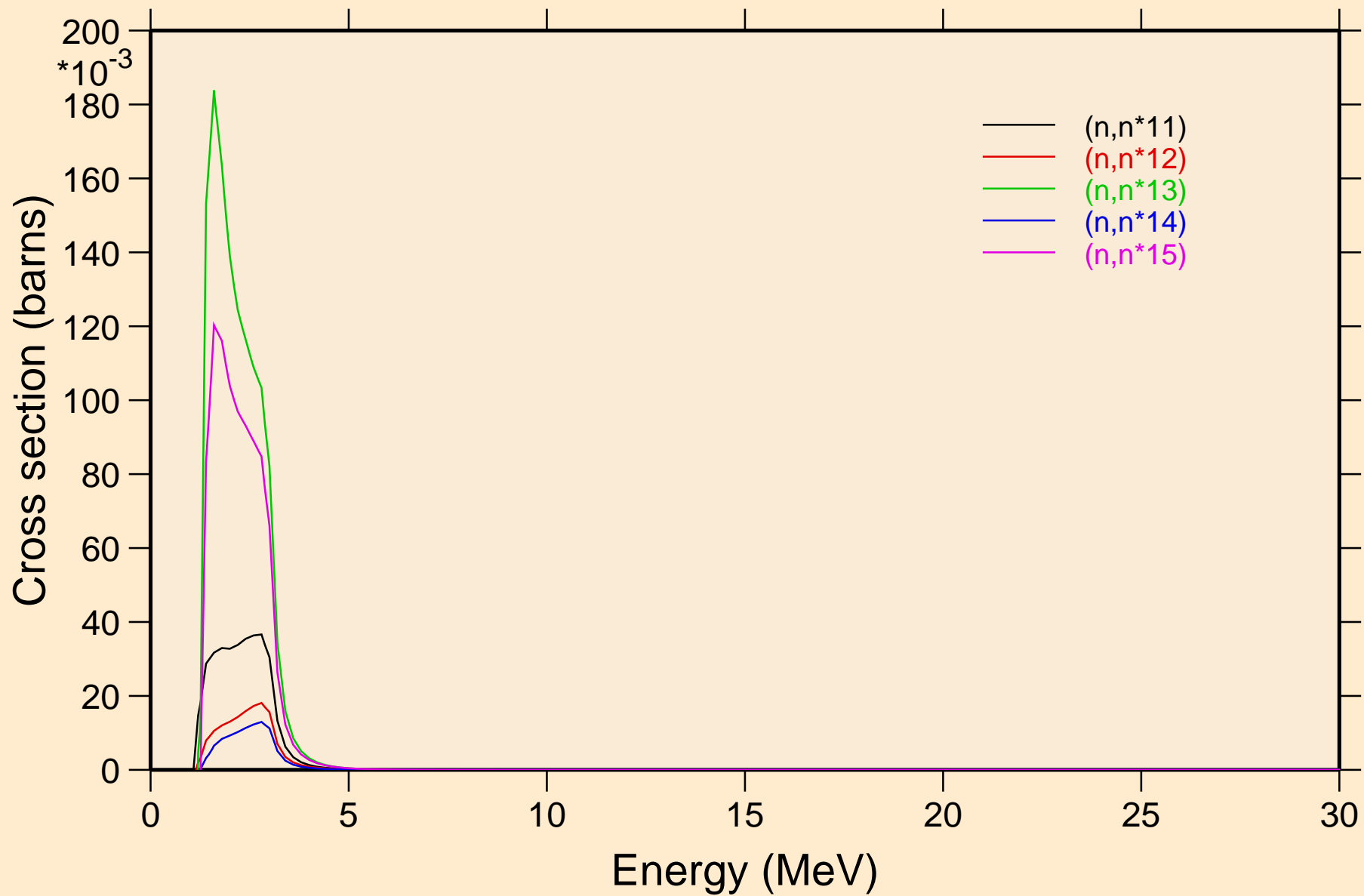
# Y097M NRG TENDL-2015, AKONING

## Inelastic levels



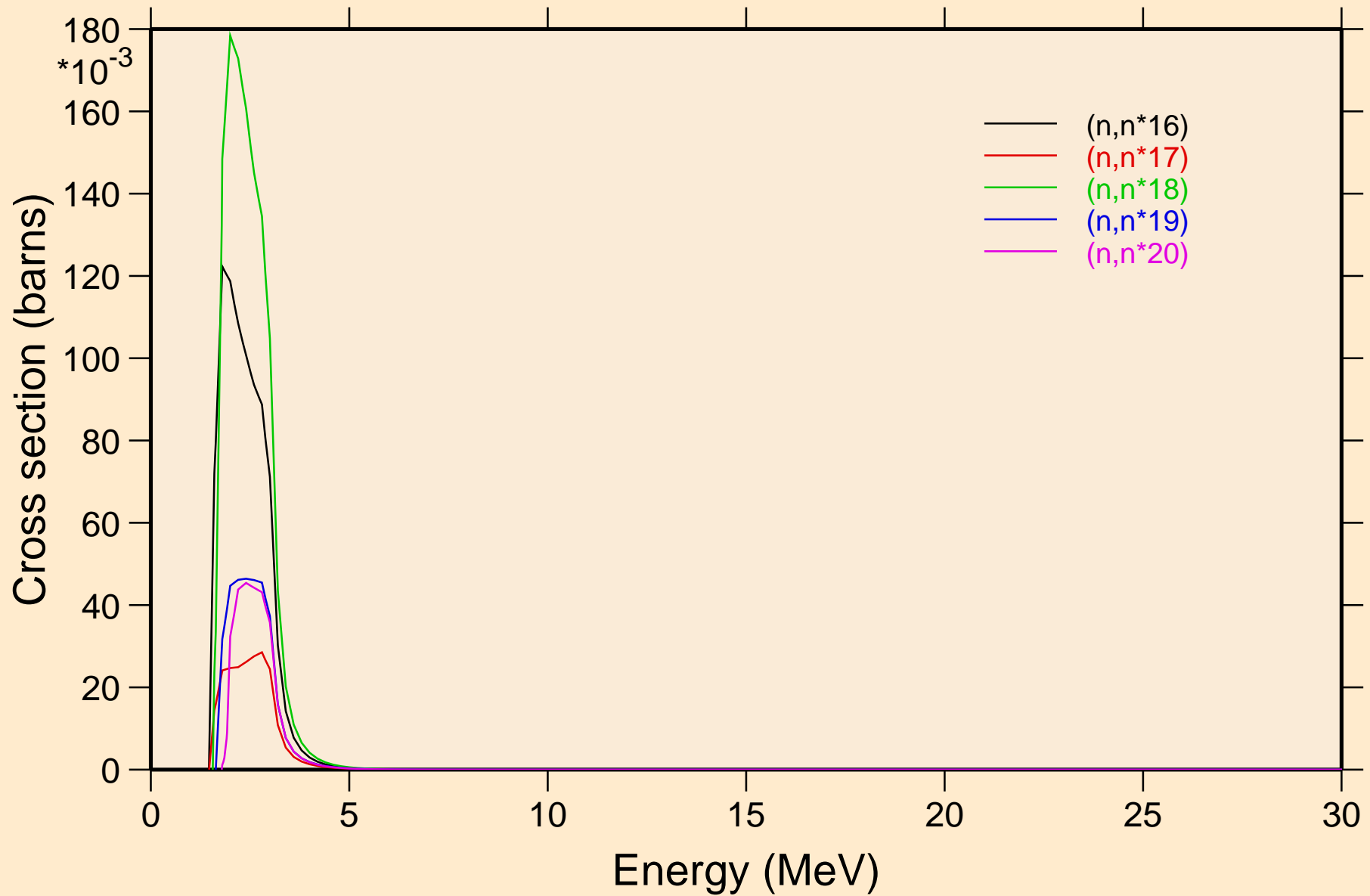
# Y097M NRG TENDL-2015, AKONING

## Inelastic levels



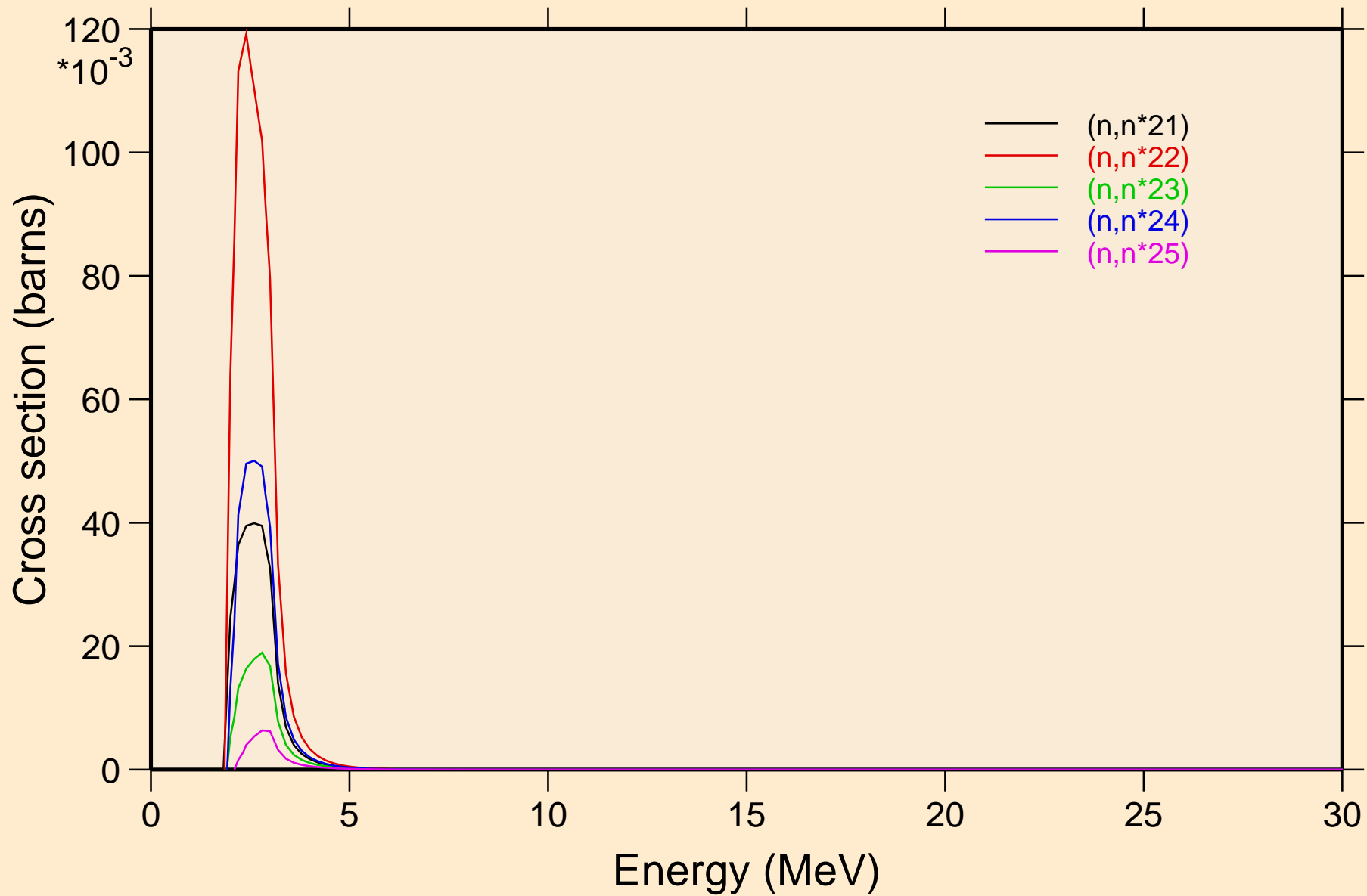
# Y097M NRG TENDL-2015, AKONING

## Inelastic levels



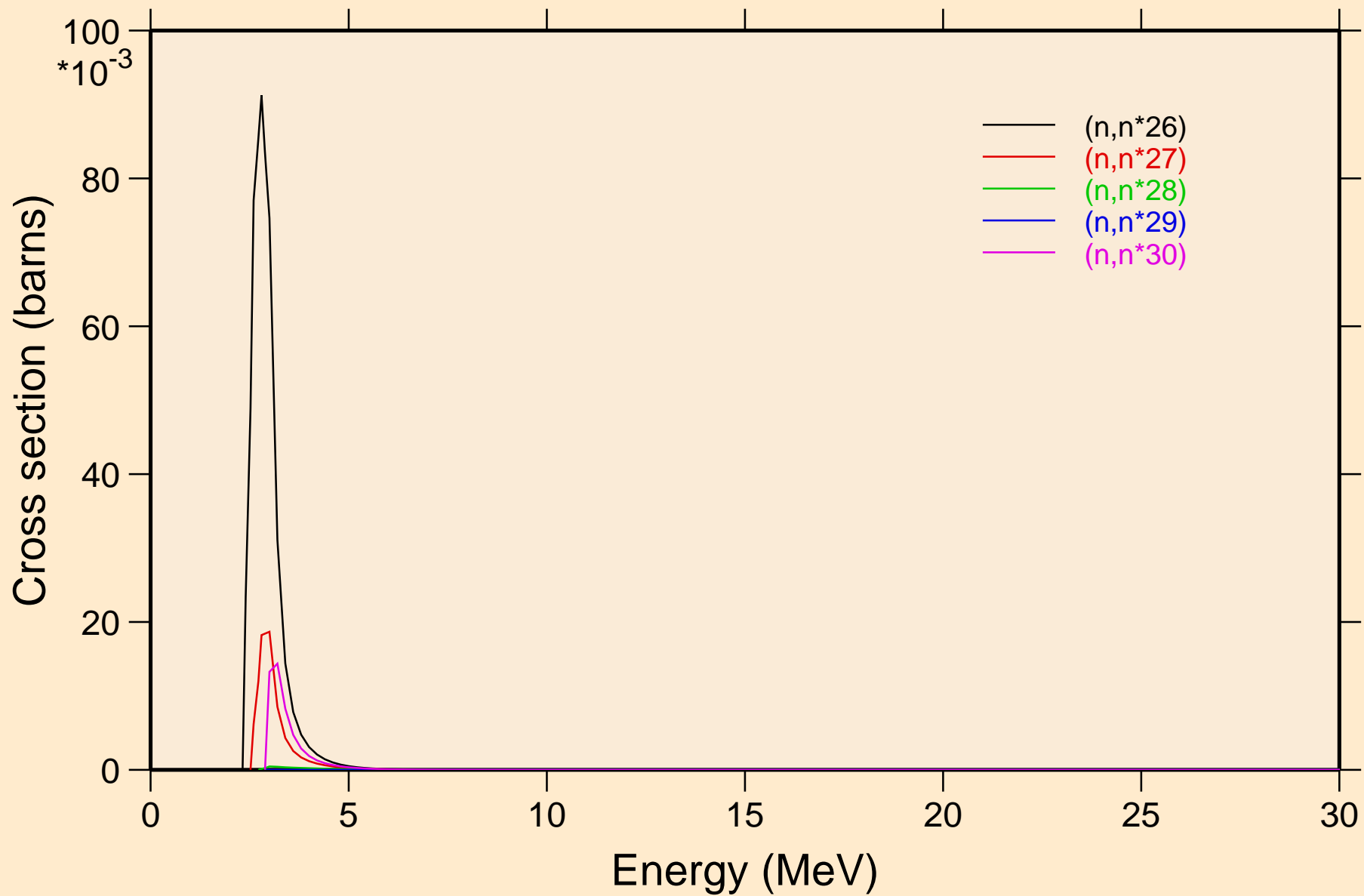
# Y097M NRG TENDL-2015, AKONING

## Inelastic levels



# Y097M NRG TENDL-2015, AKONING

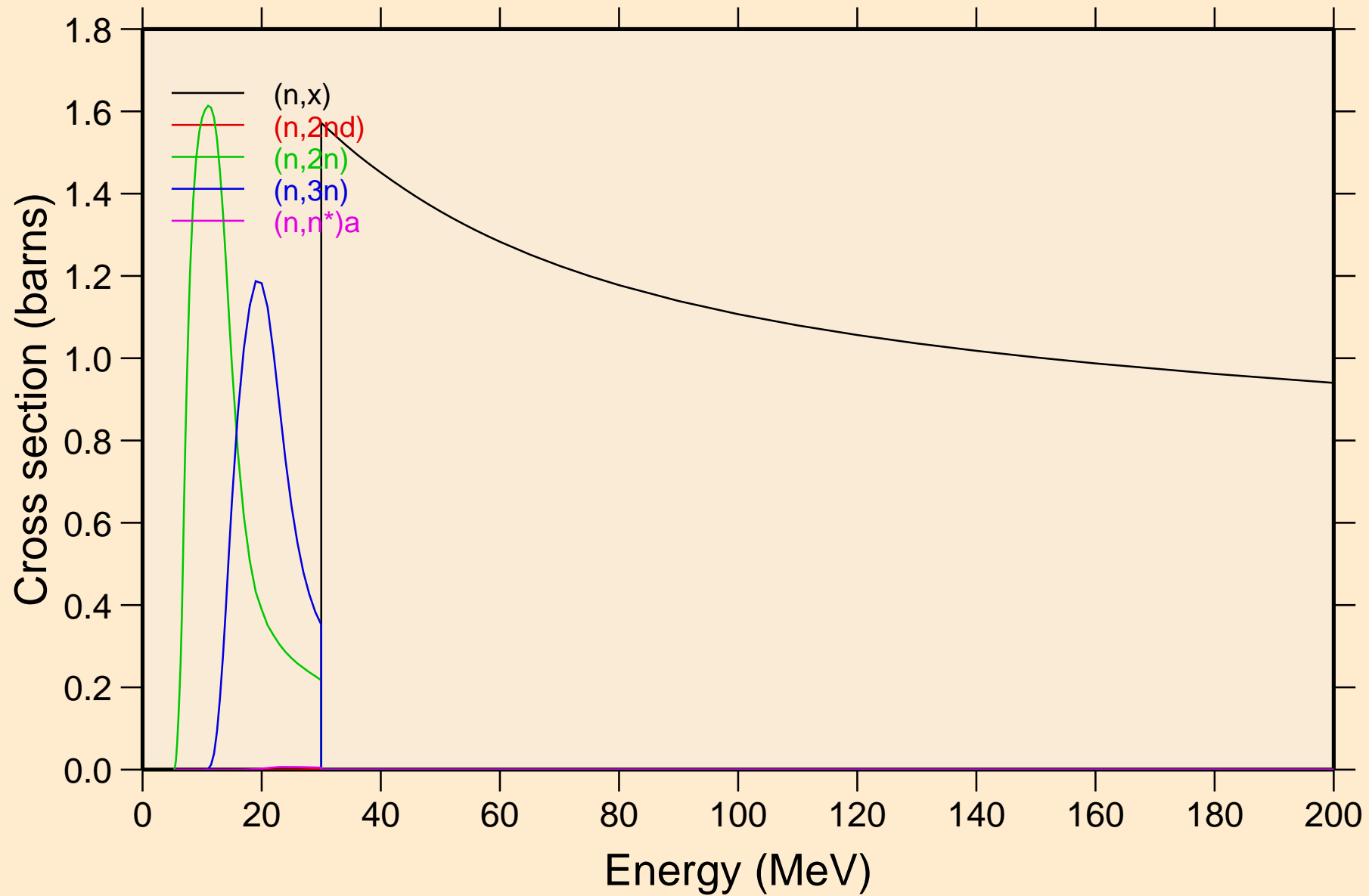
## Inelastic levels





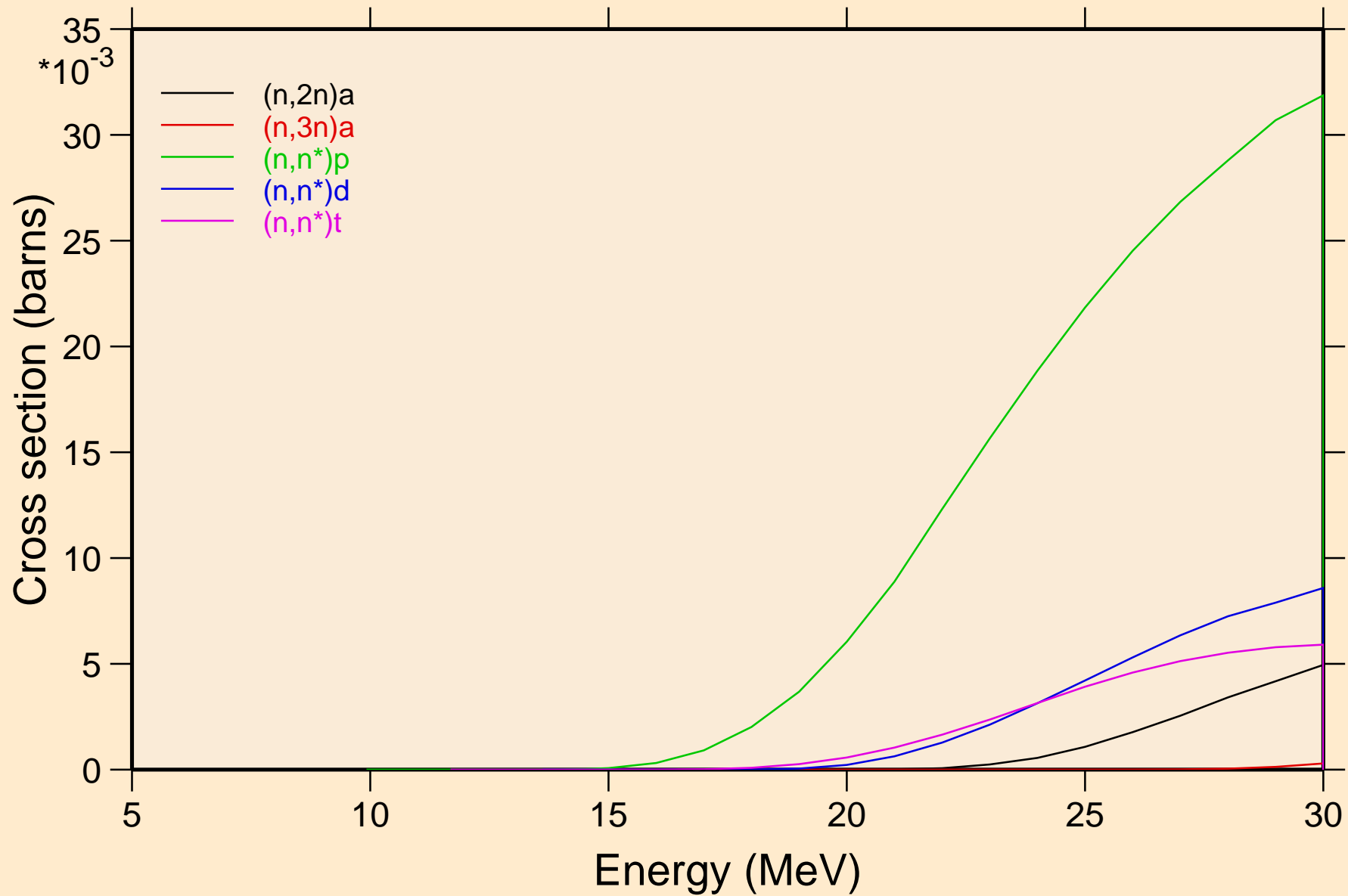
# Y097M NRG TENDL-2015, AKONING

## Threshold reactions



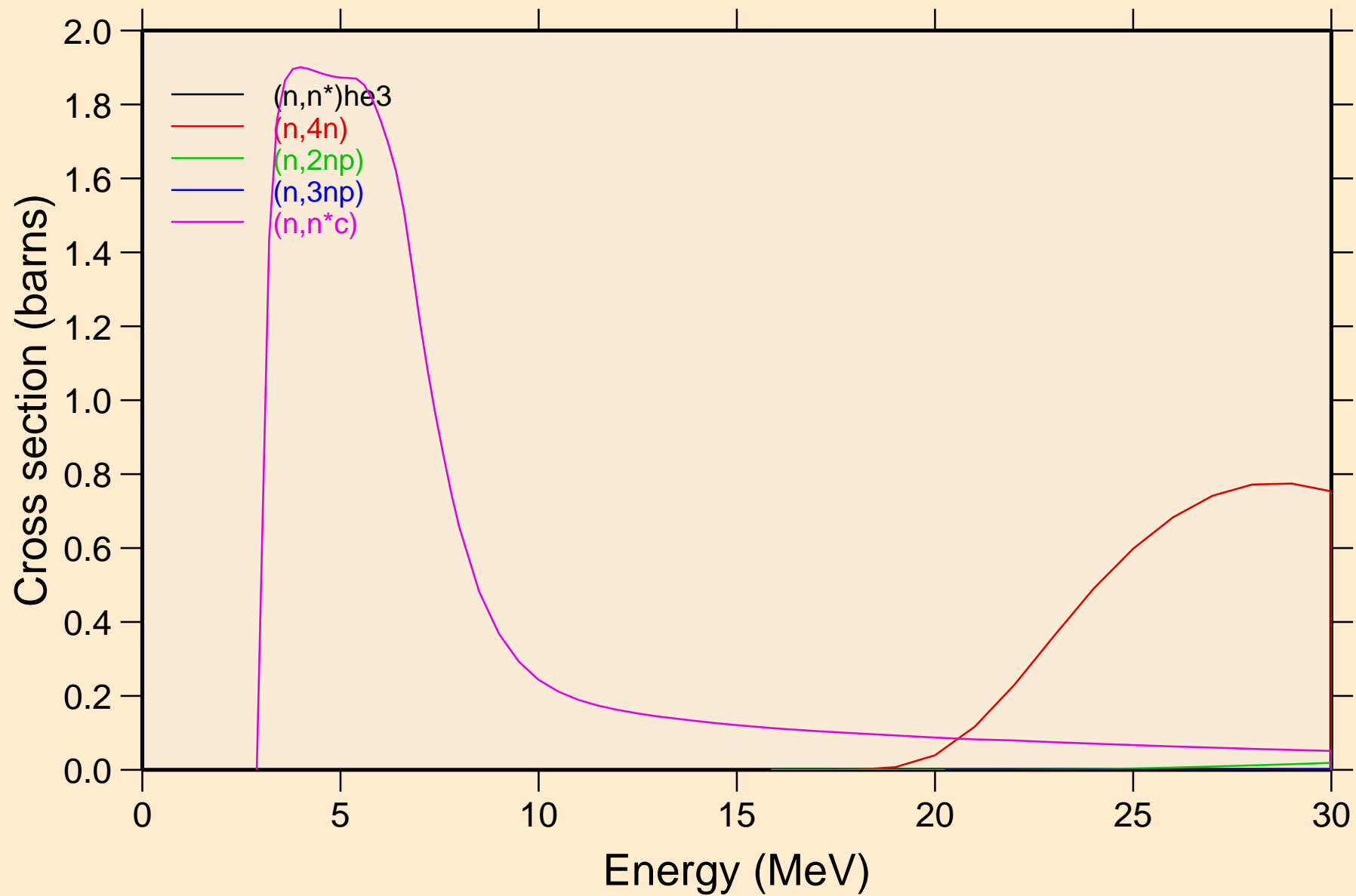
# Y097M NRG TENDL-2015, AKONING

## Threshold reactions



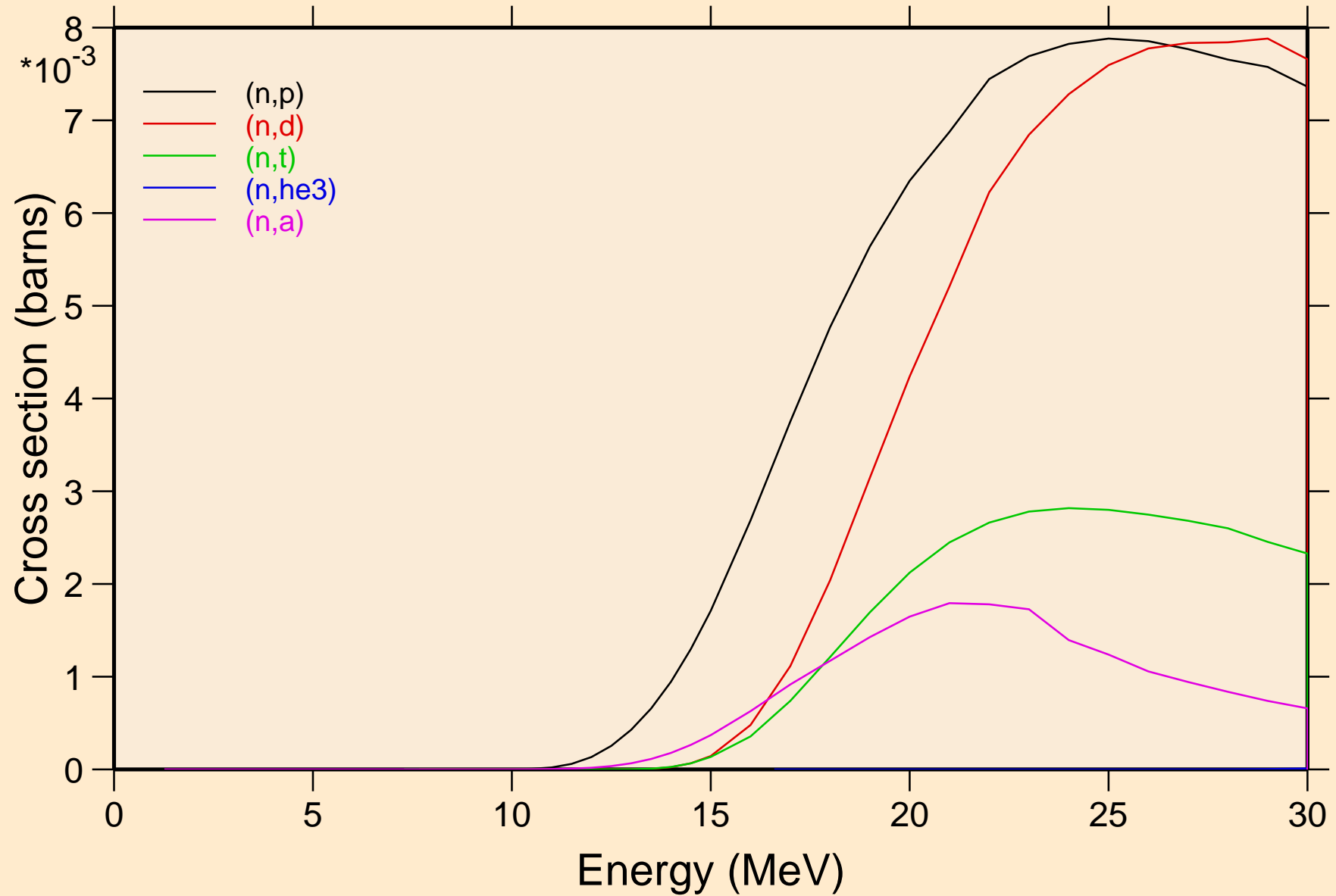
# Y097M NRG TENDL-2015, AKONING

## Threshold reactions

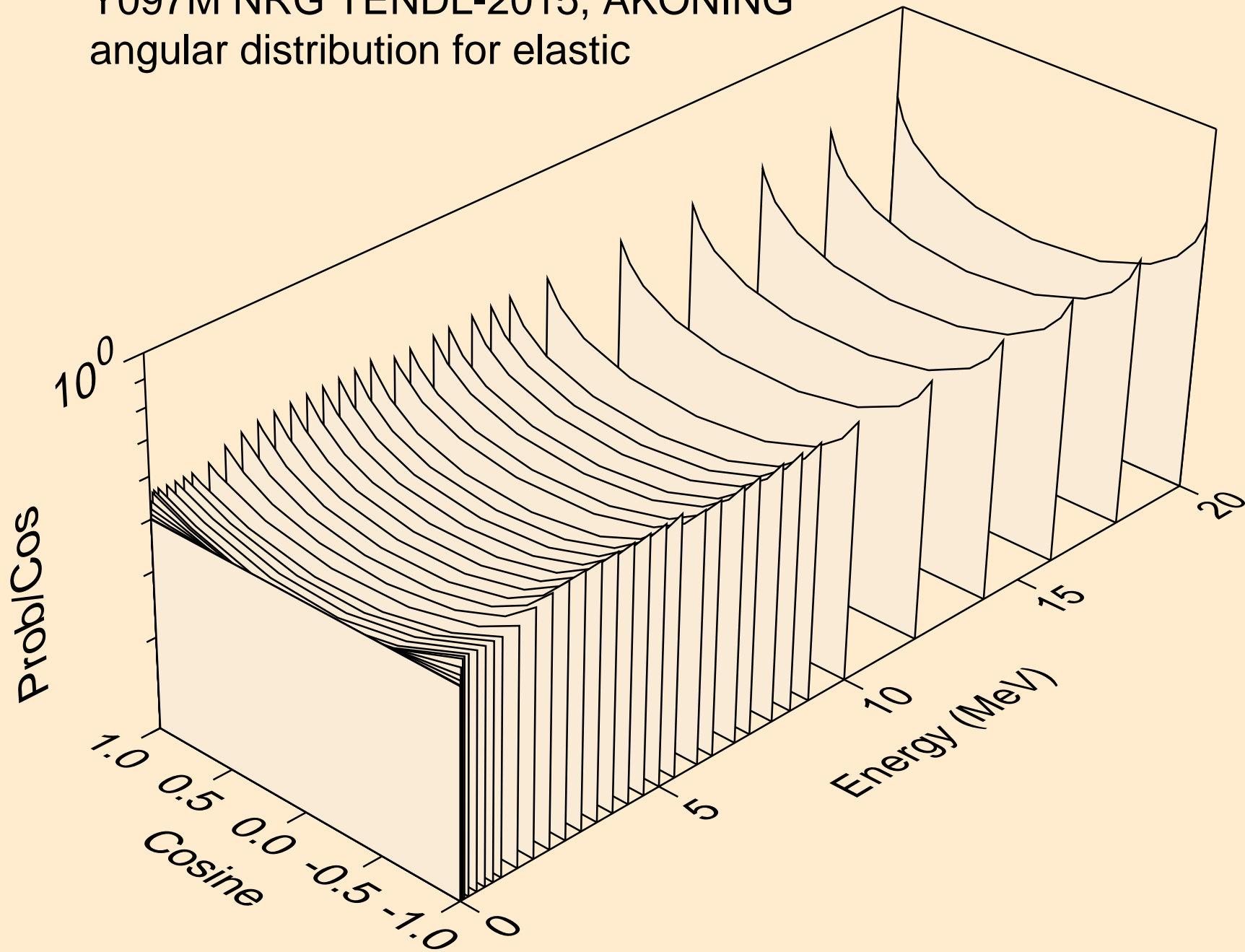


# Y097M NRG TENDL-2015, AKONING

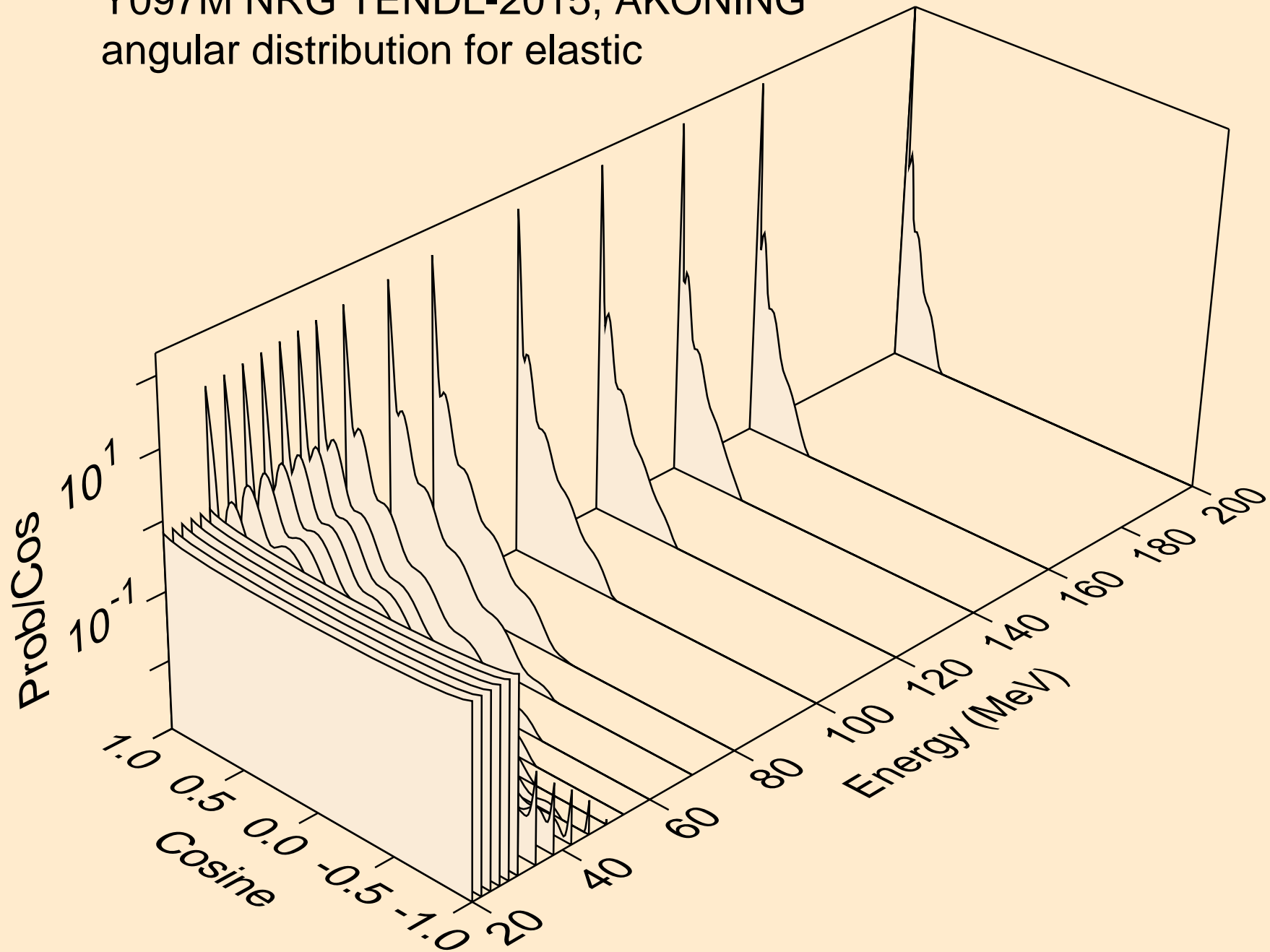
## Threshold reactions



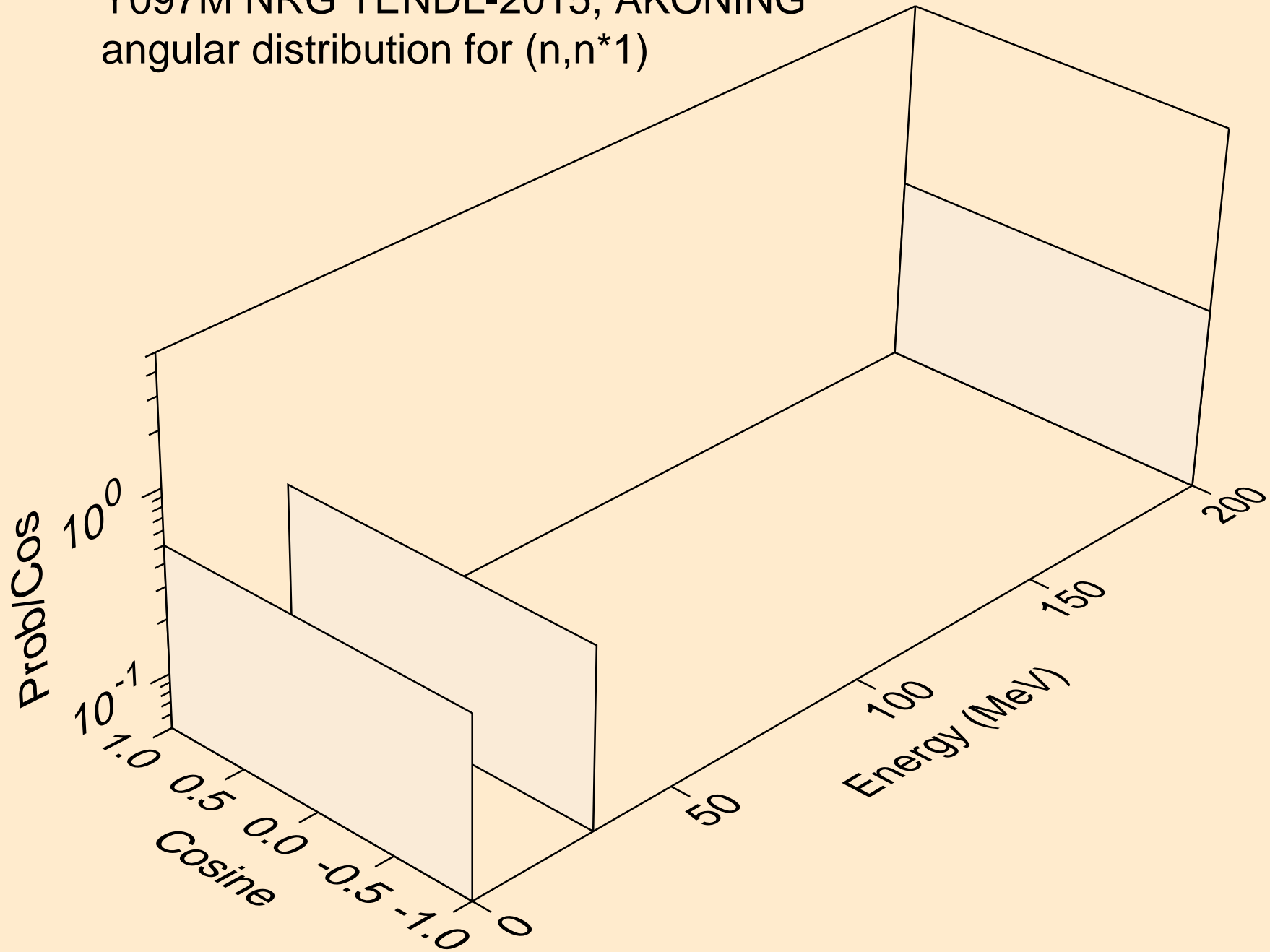
Y097M NRG TENDL-2015, AKONING  
angular distribution for elastic



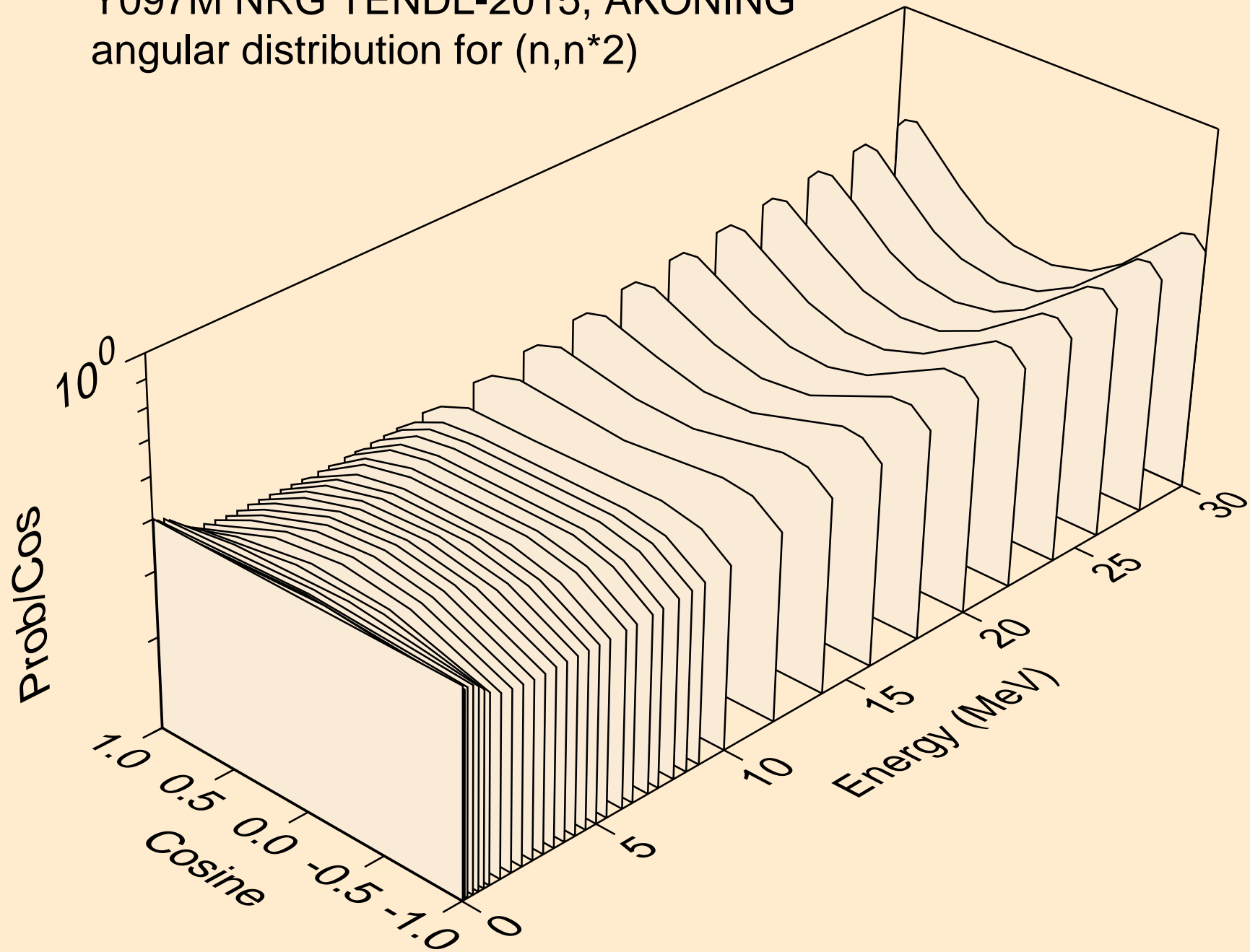
Y097M NRG TENDL-2015, AKONING  
angular distribution for elastic



Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

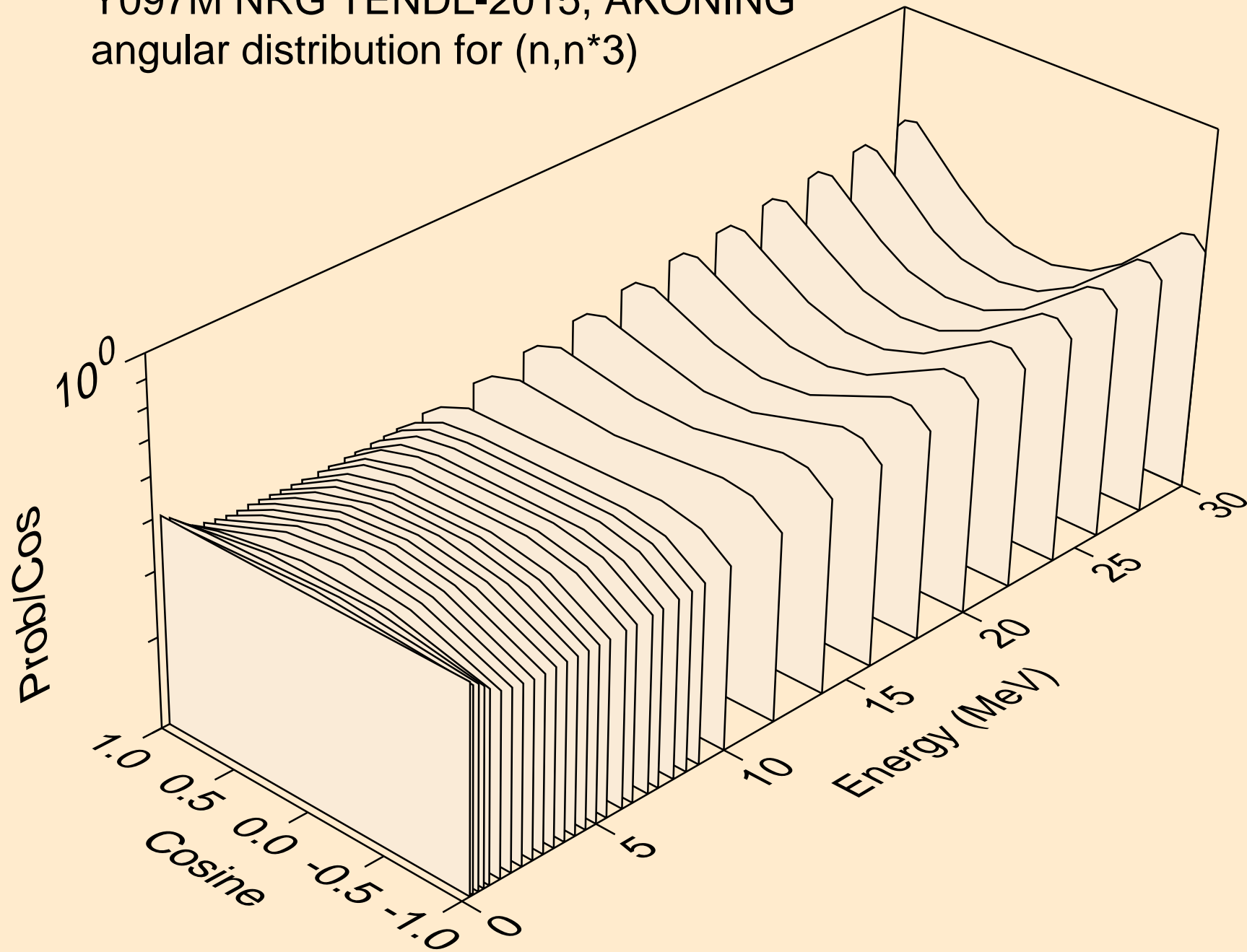


Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

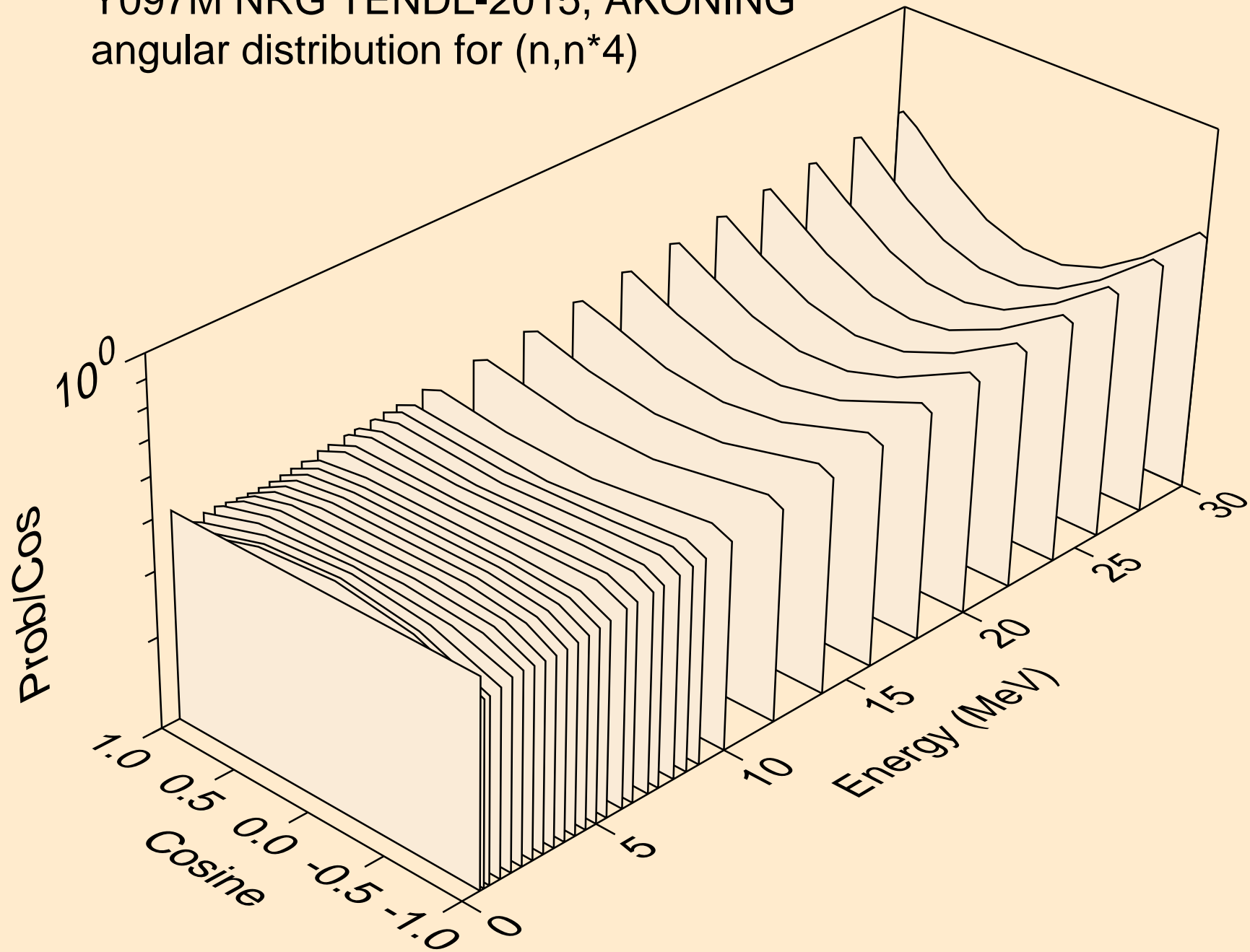




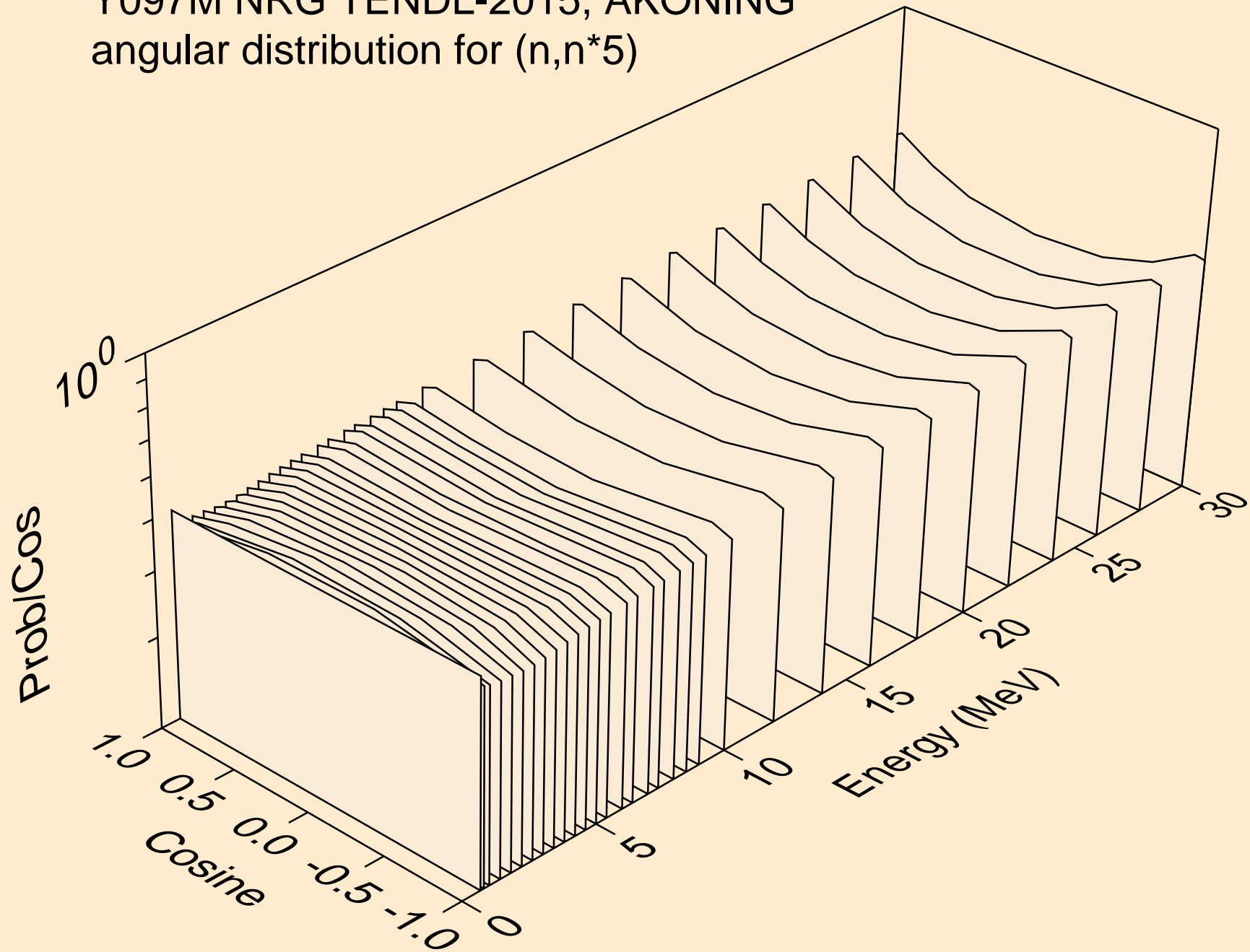
Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



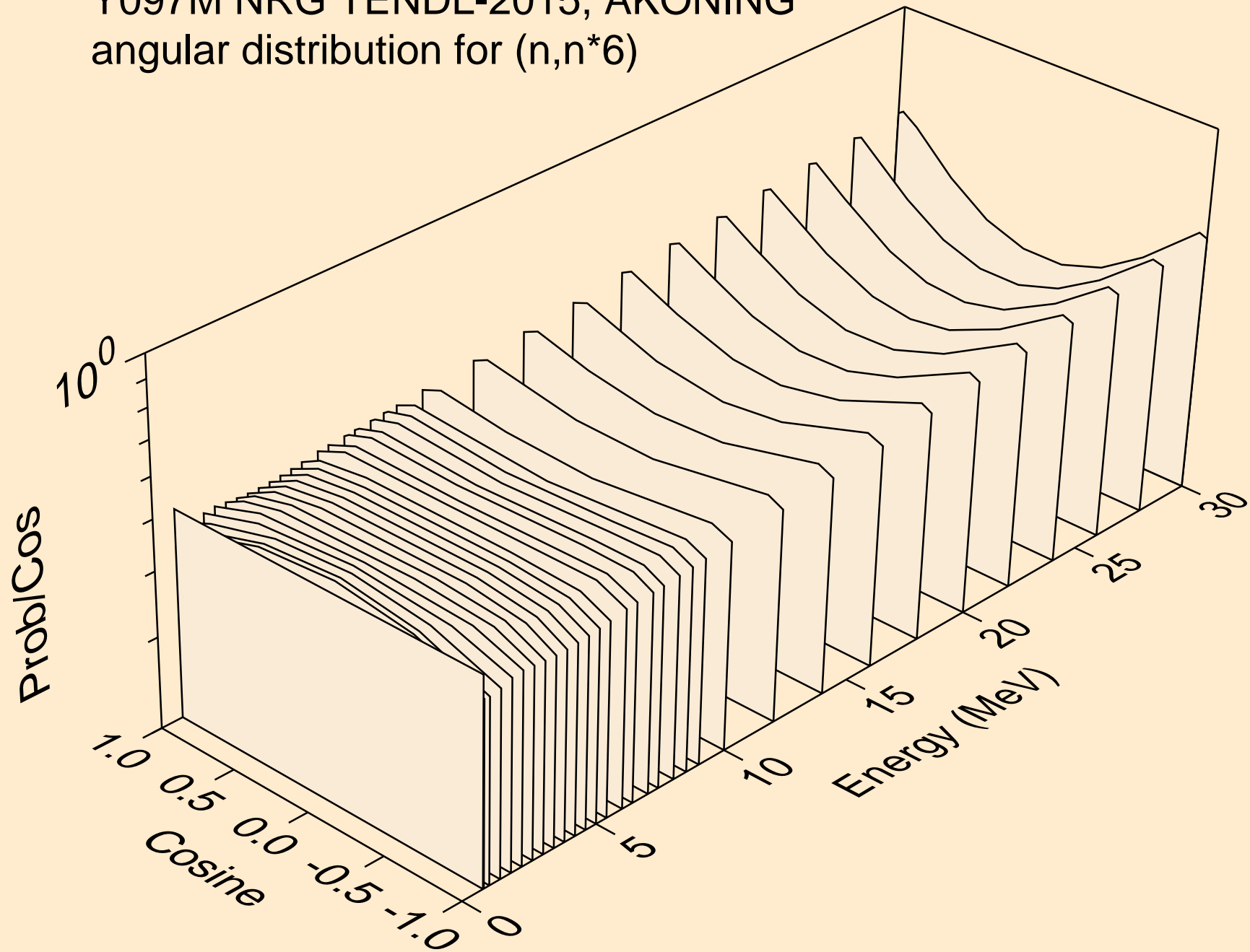
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angular distribution for (n,n\*4)



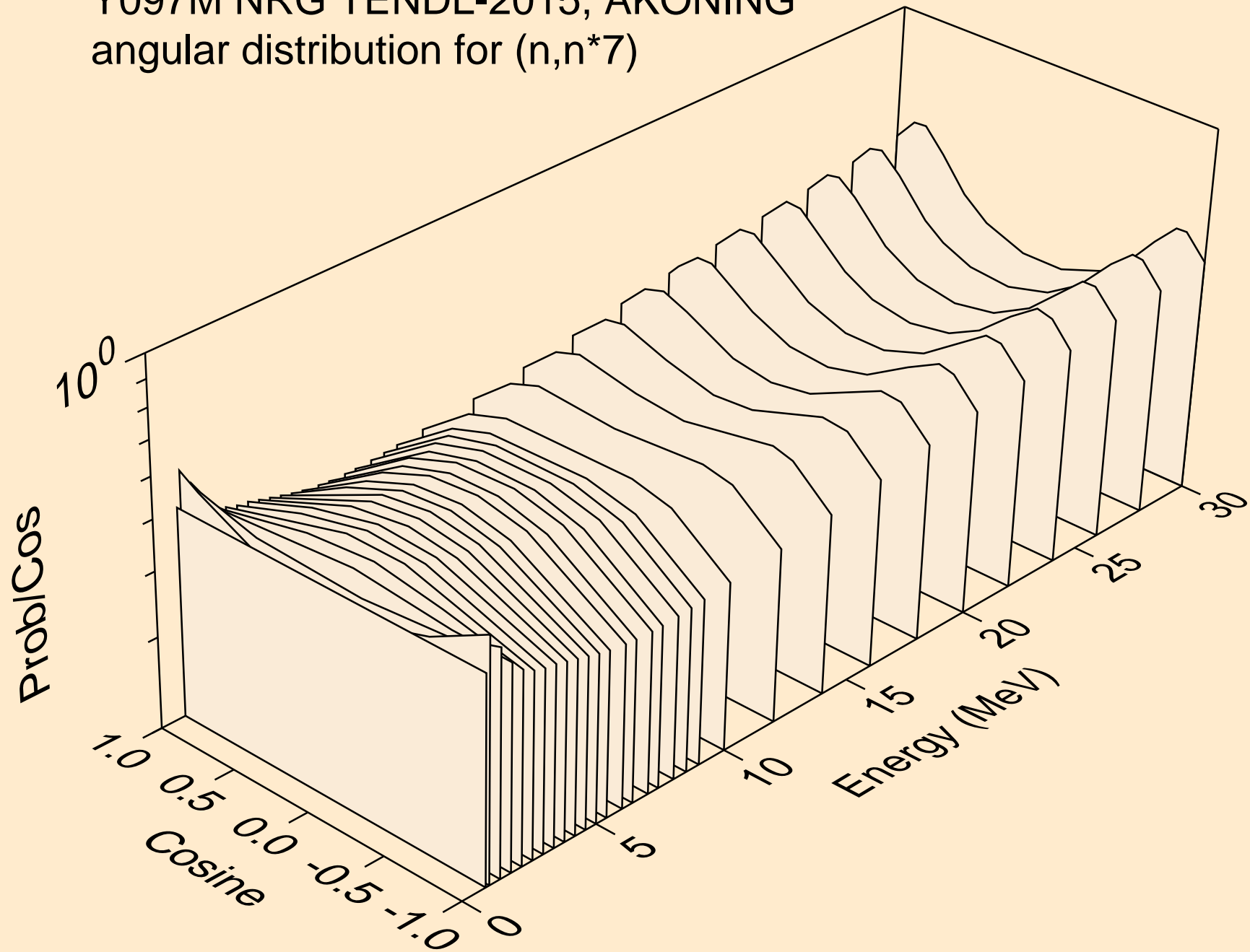
Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



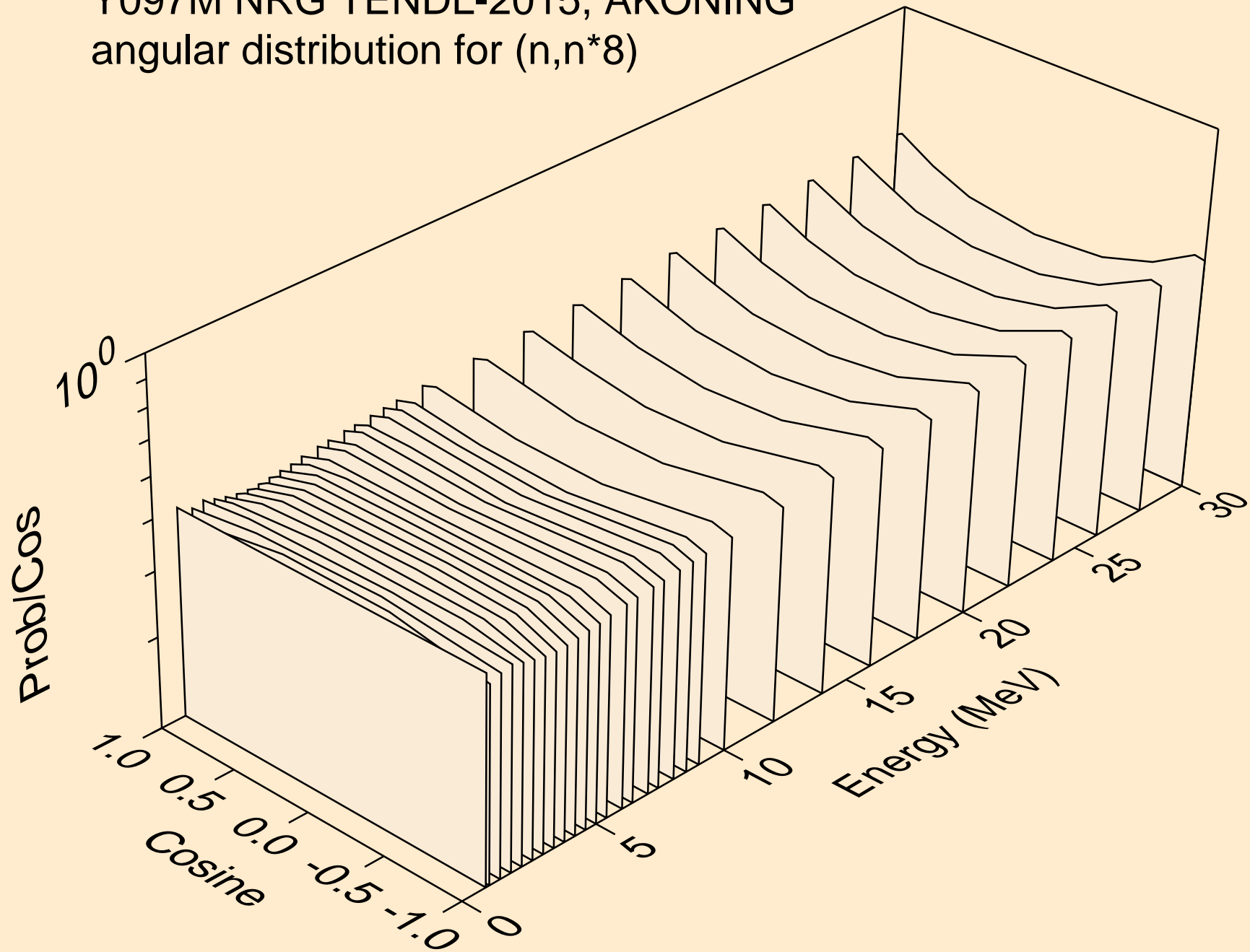
Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



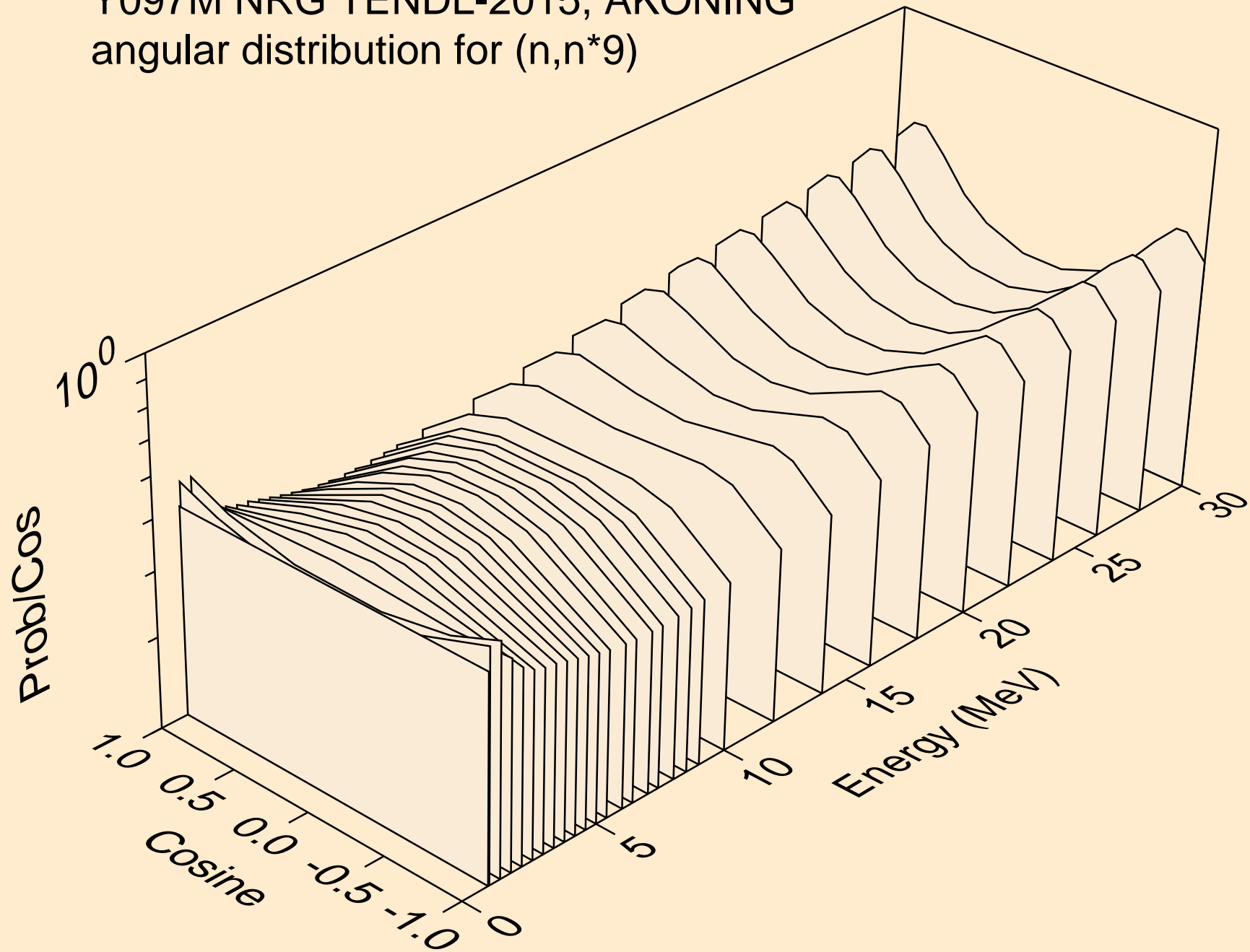
Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



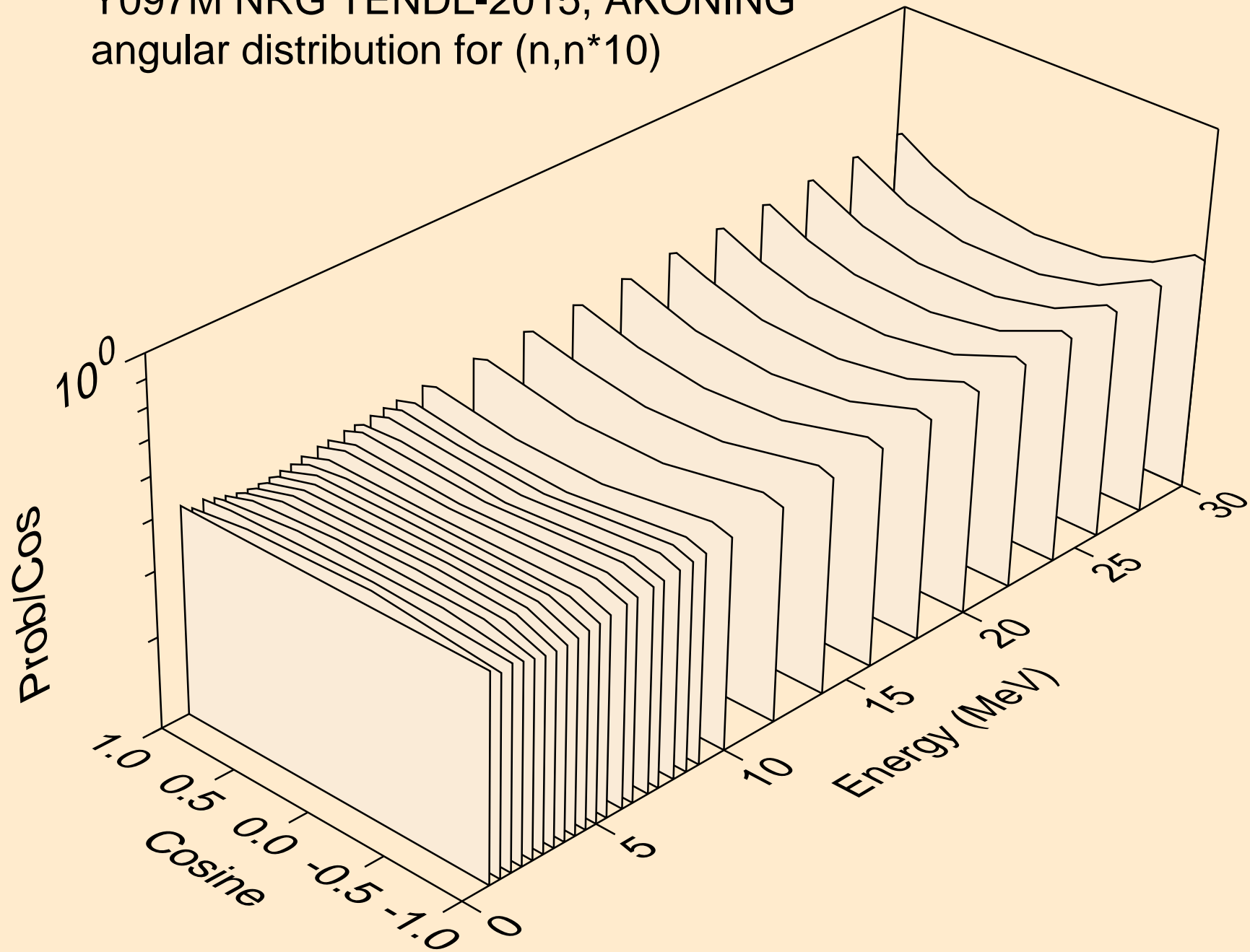
Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

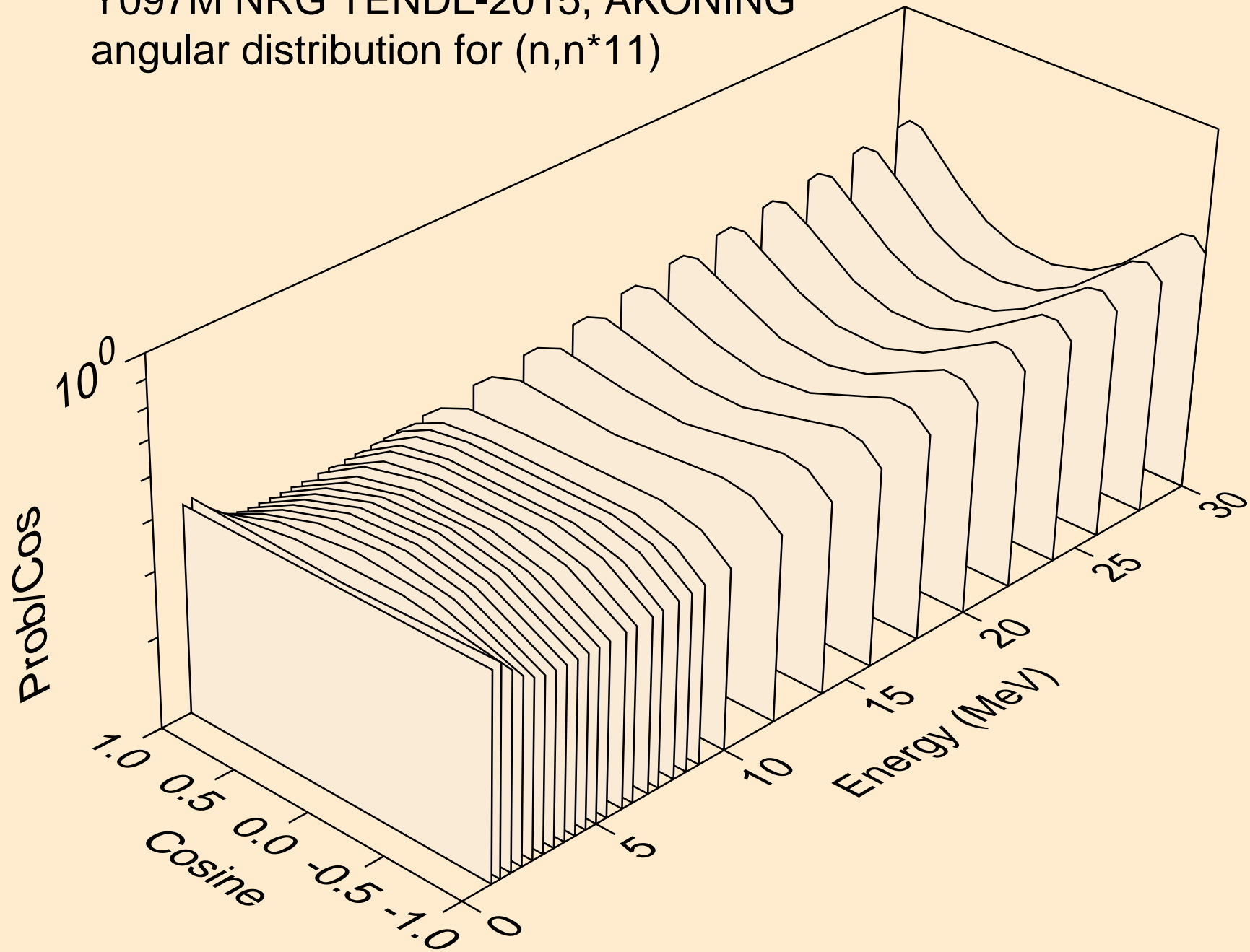


Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)

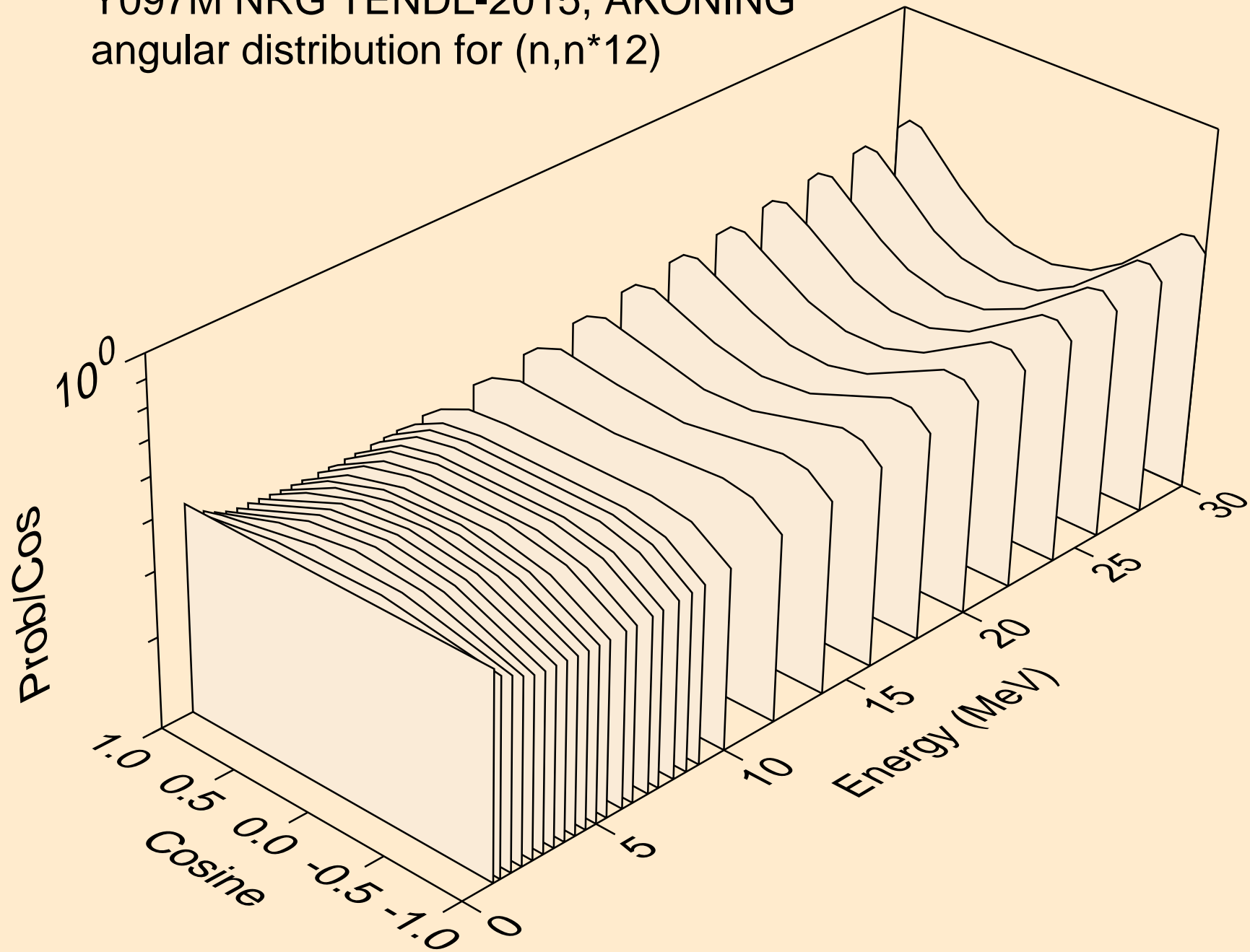




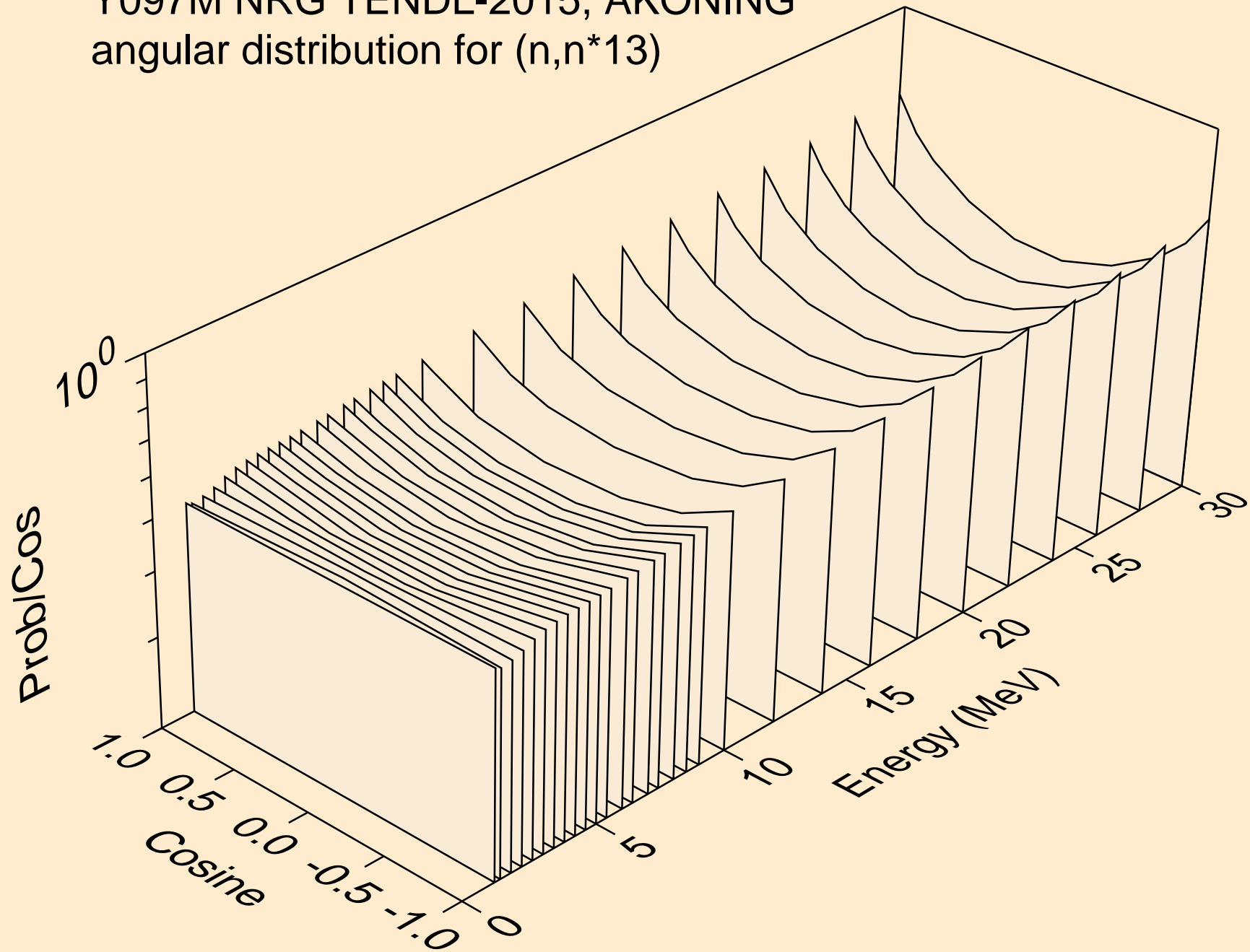
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angular distribution for (n,n\*11)



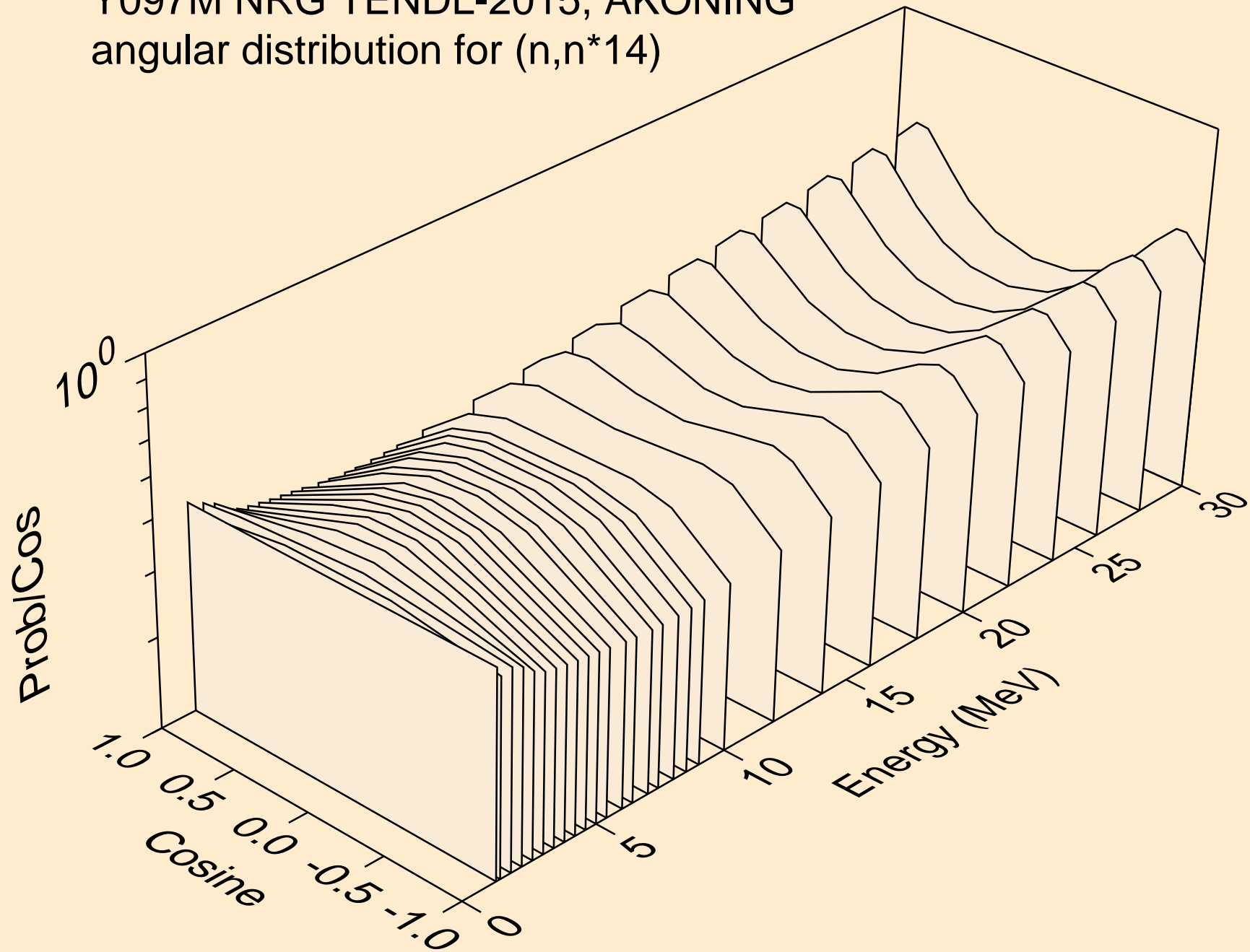
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angular distribution for (n,n\*12)



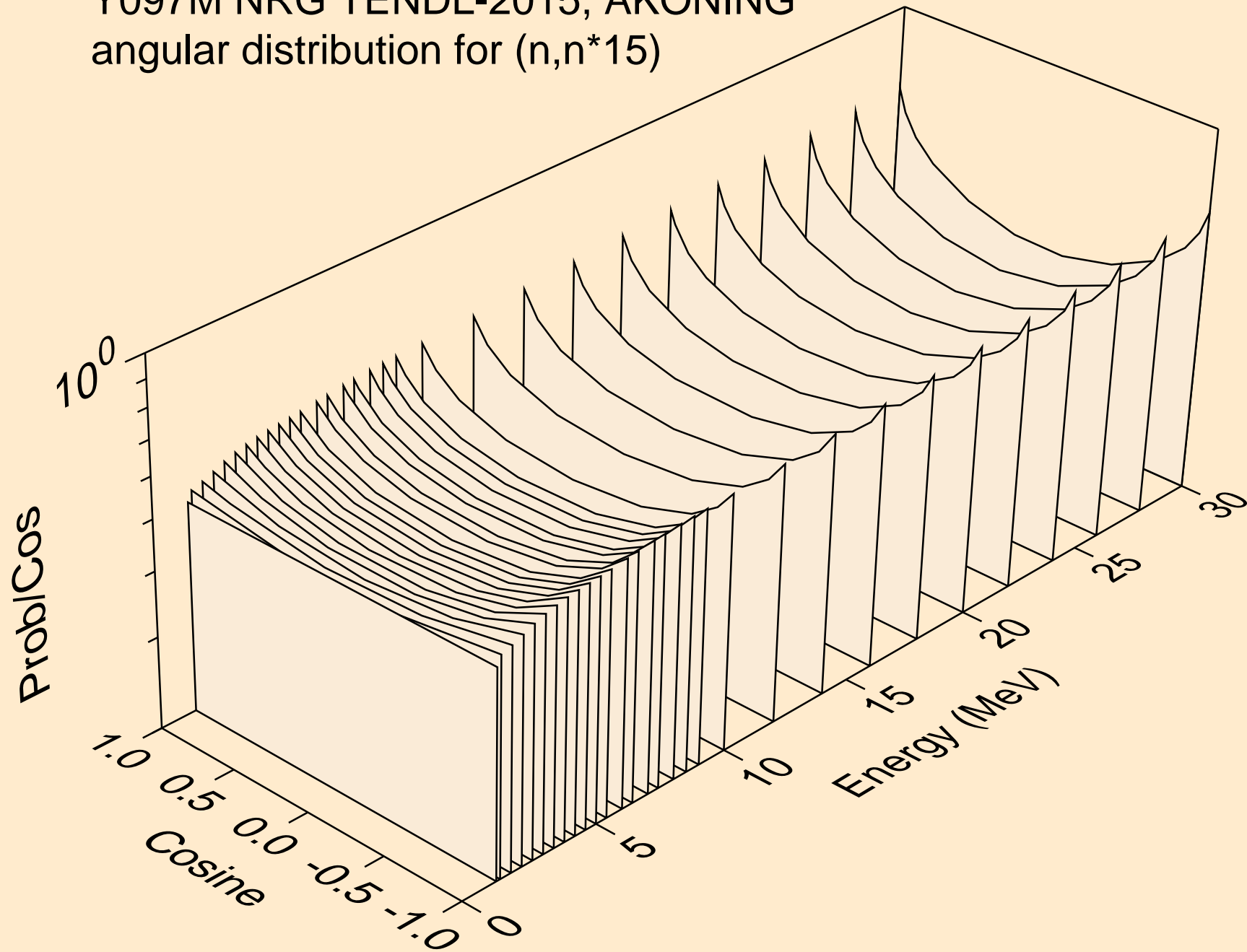
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angular distribution for (n,n\*13)



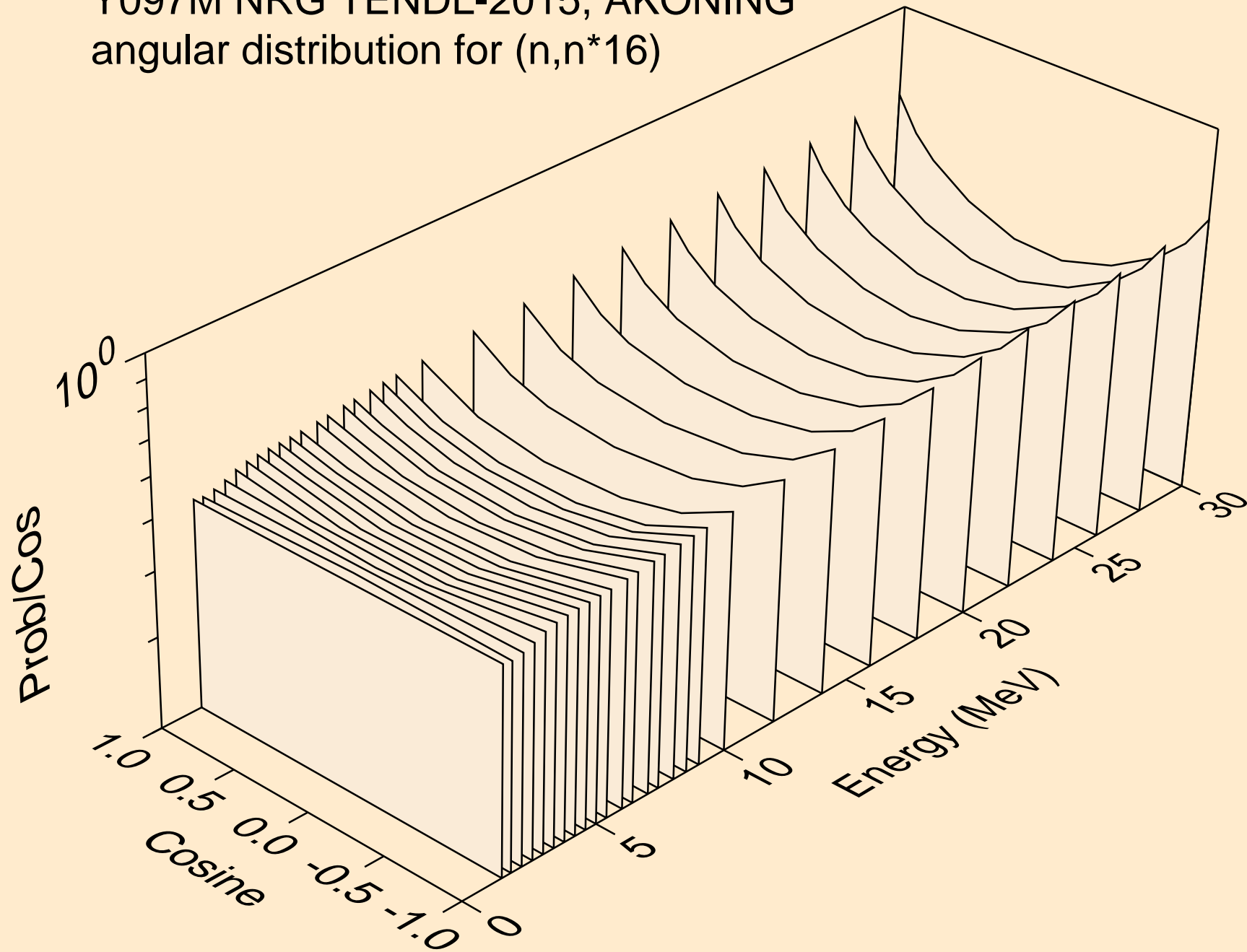
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angular distribution for (n,n\*14)



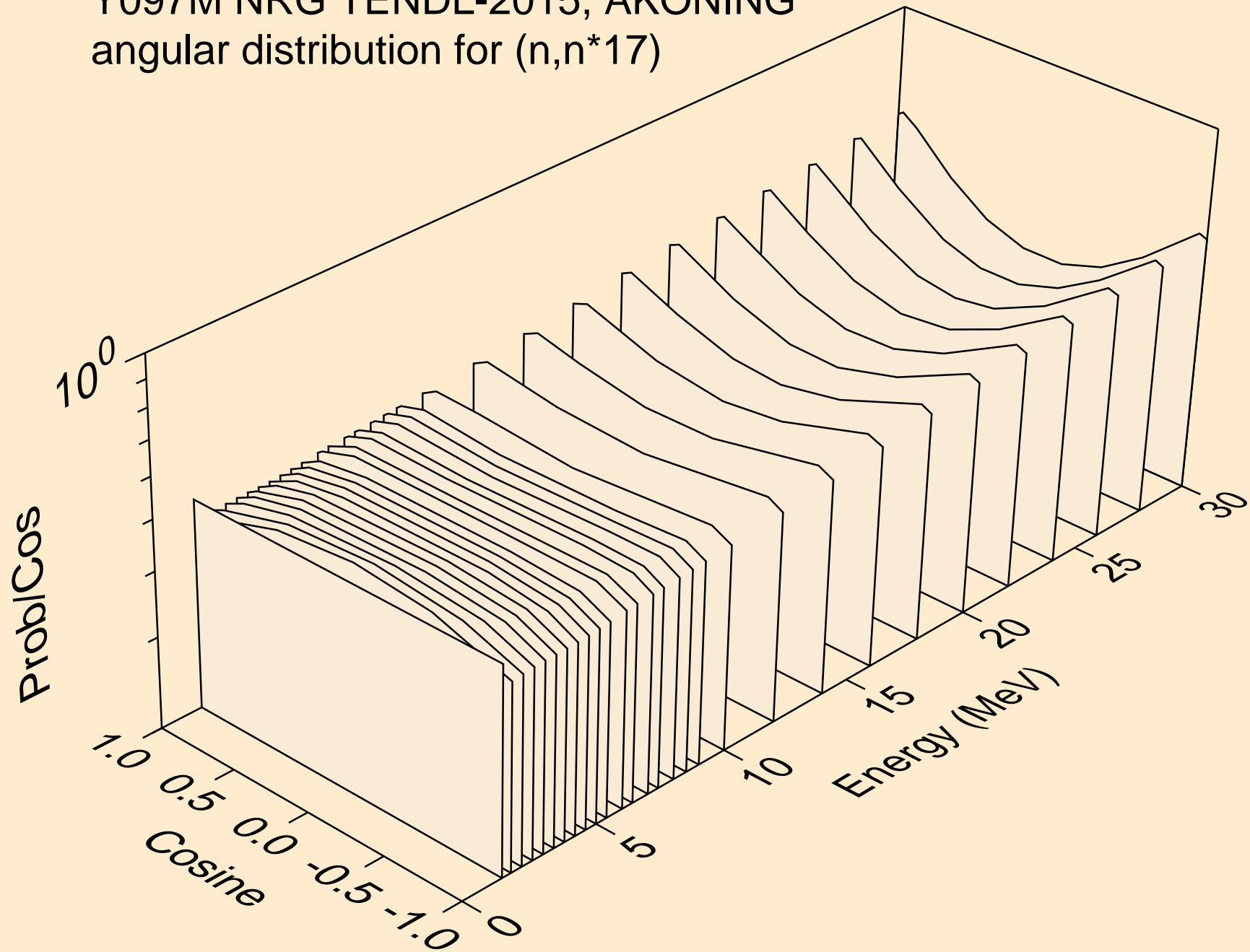
Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



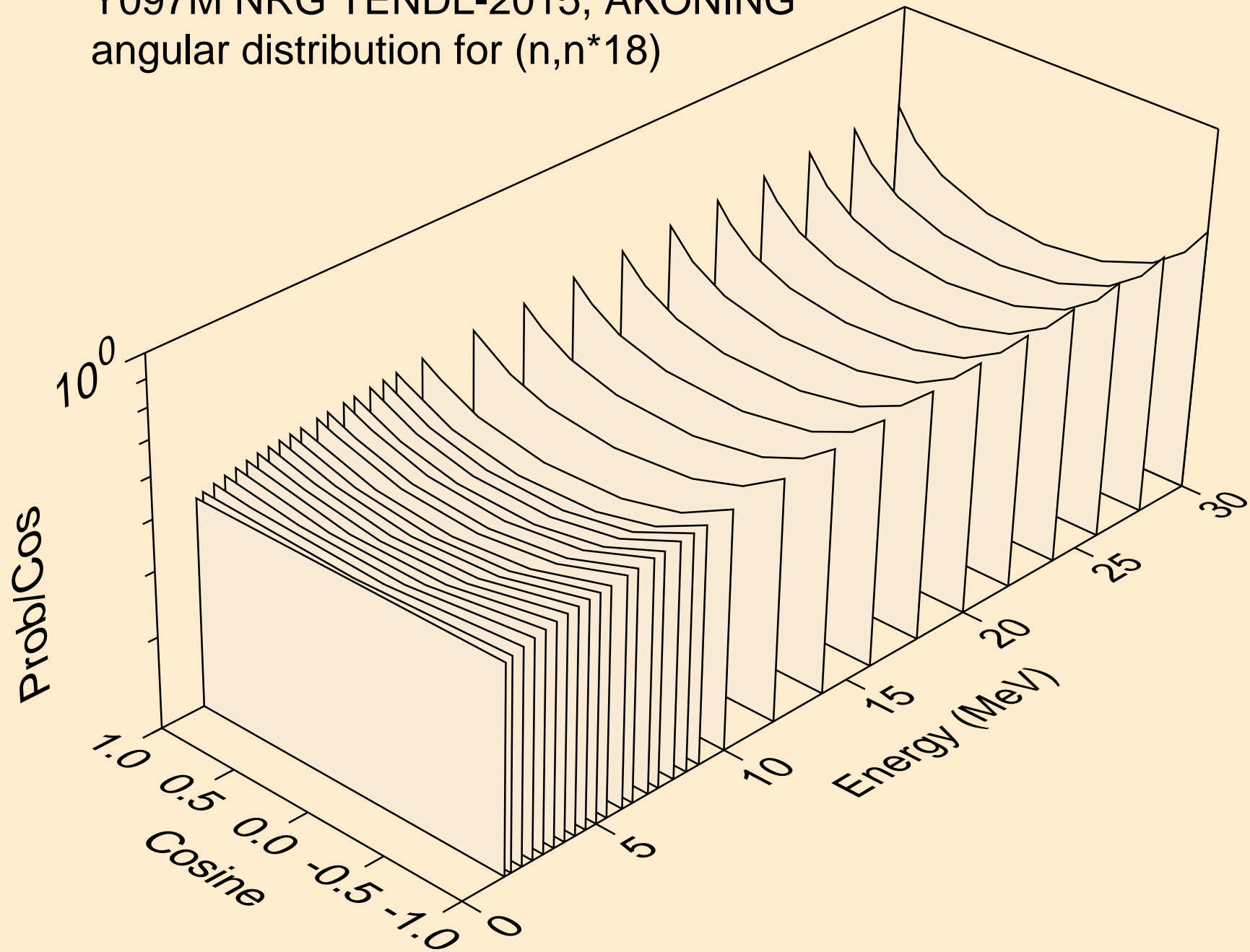
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angular distribution for (n,n\*16)



Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

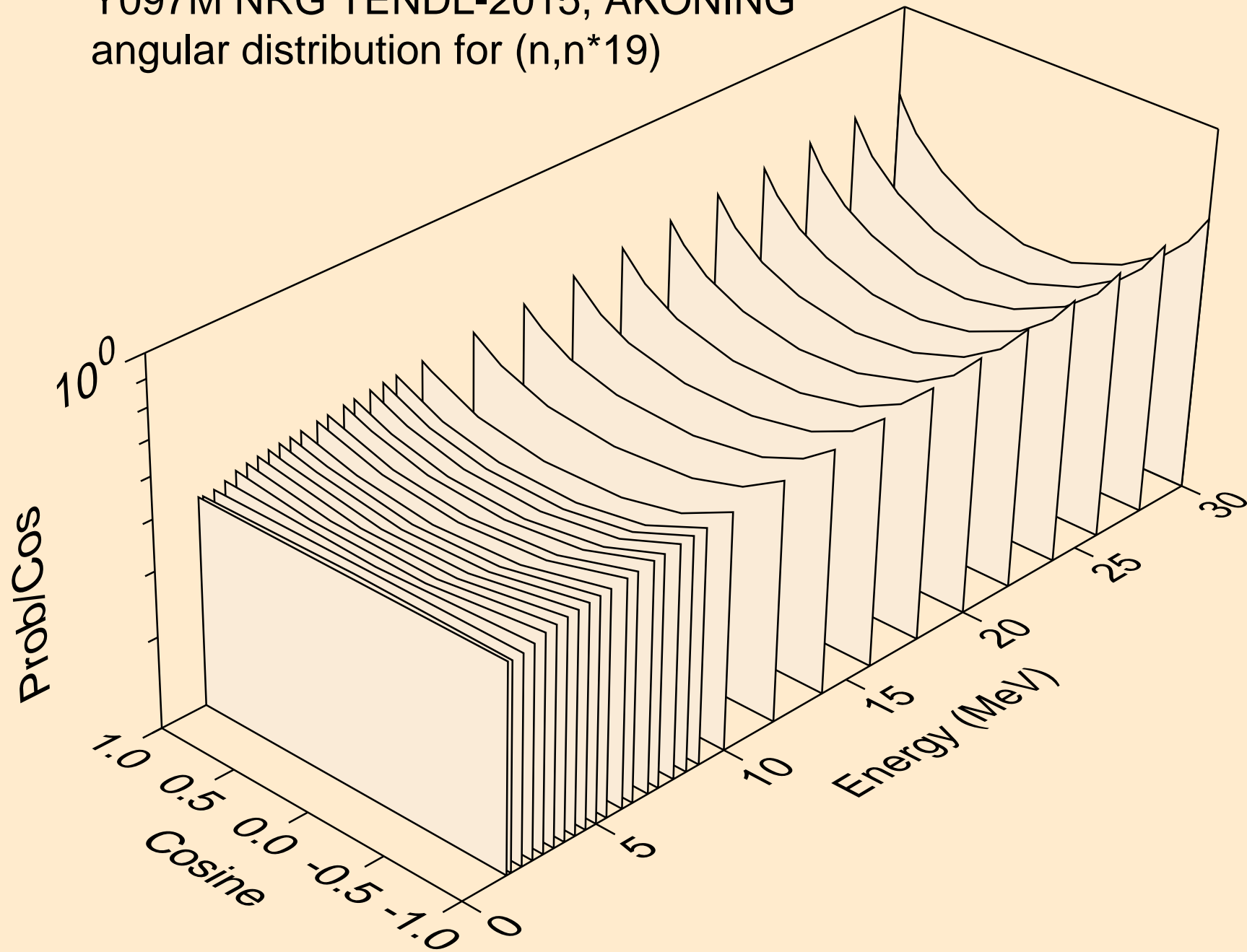


Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)

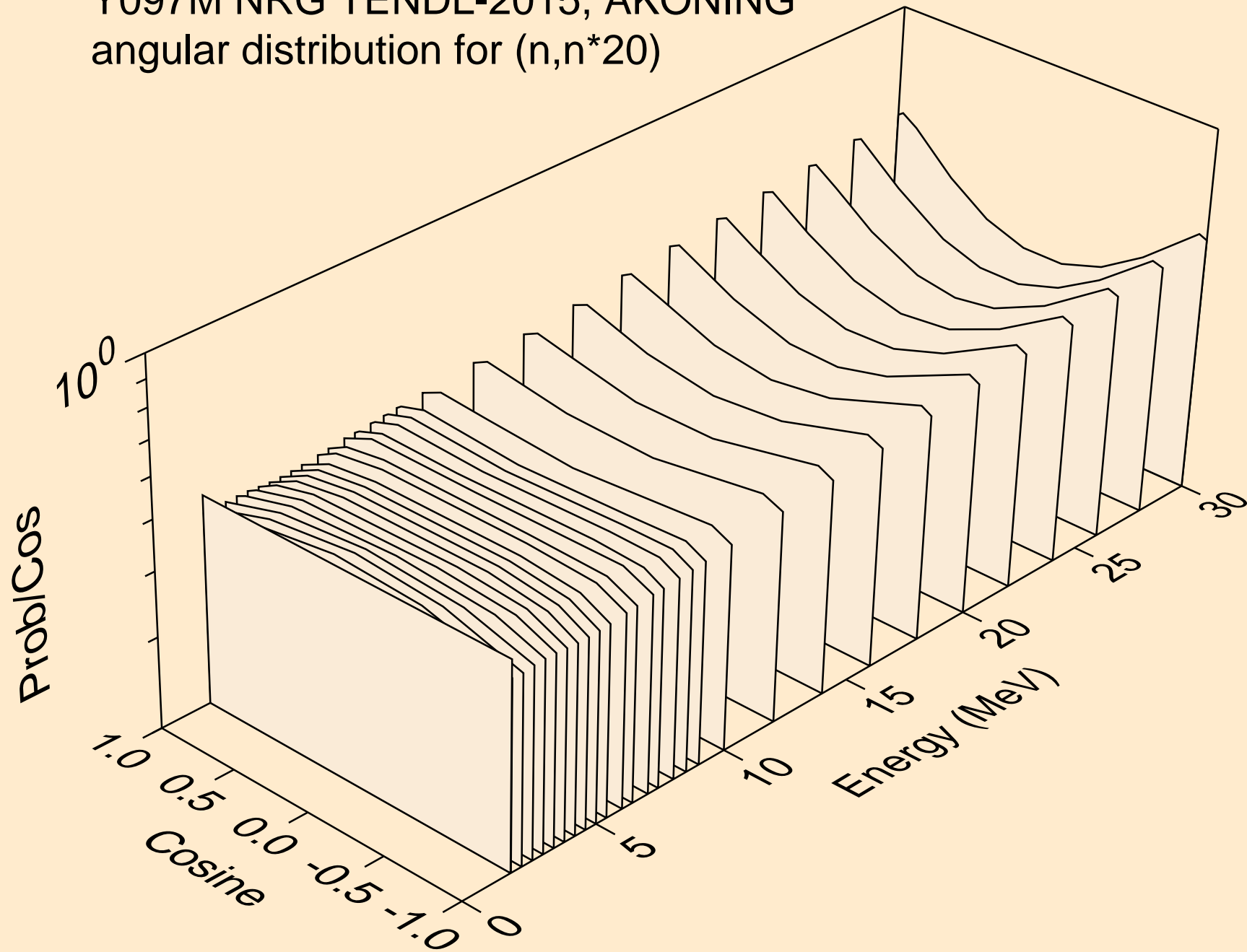




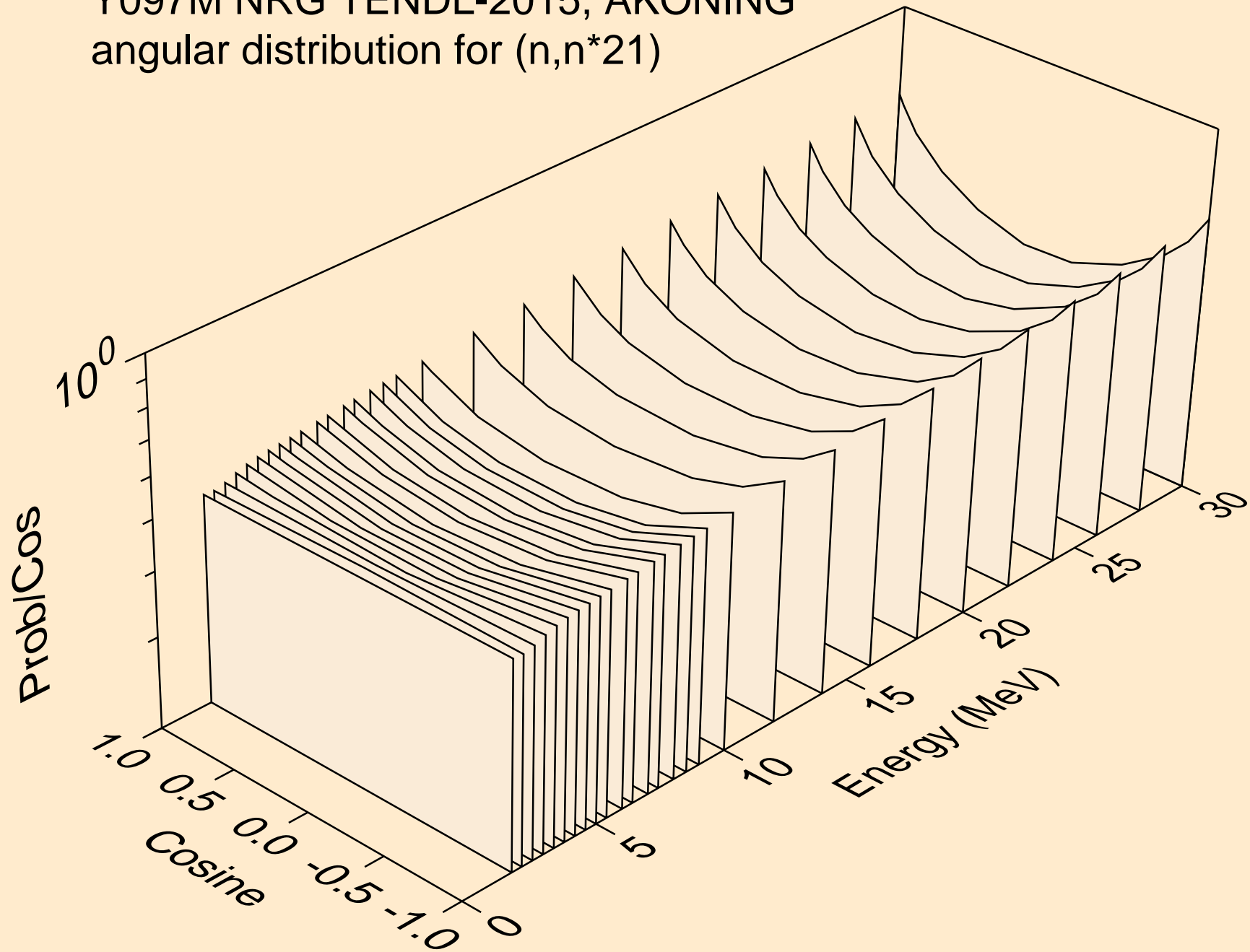
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angular distribution for (n,n\*19)



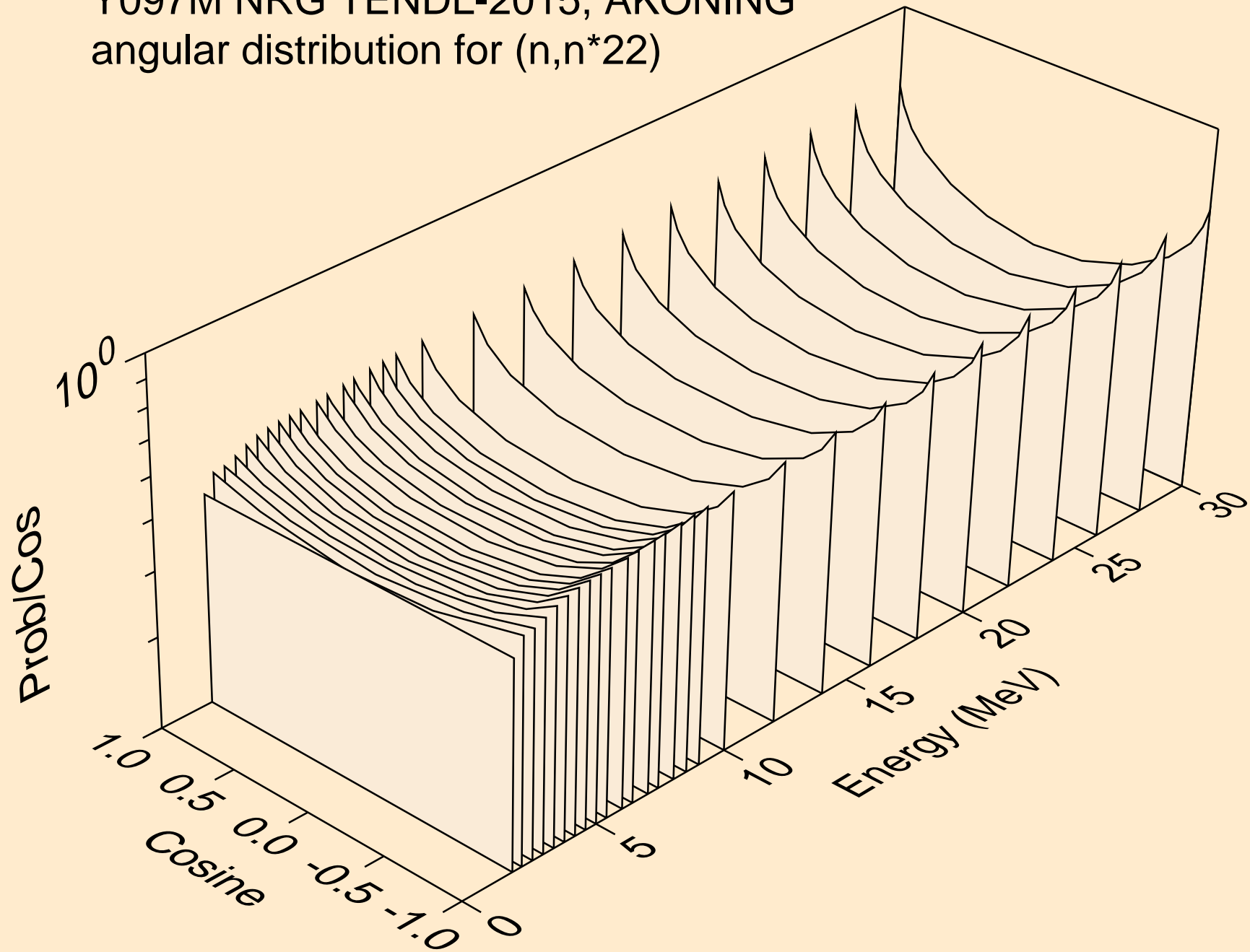
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angular distribution for (n,n\*20)



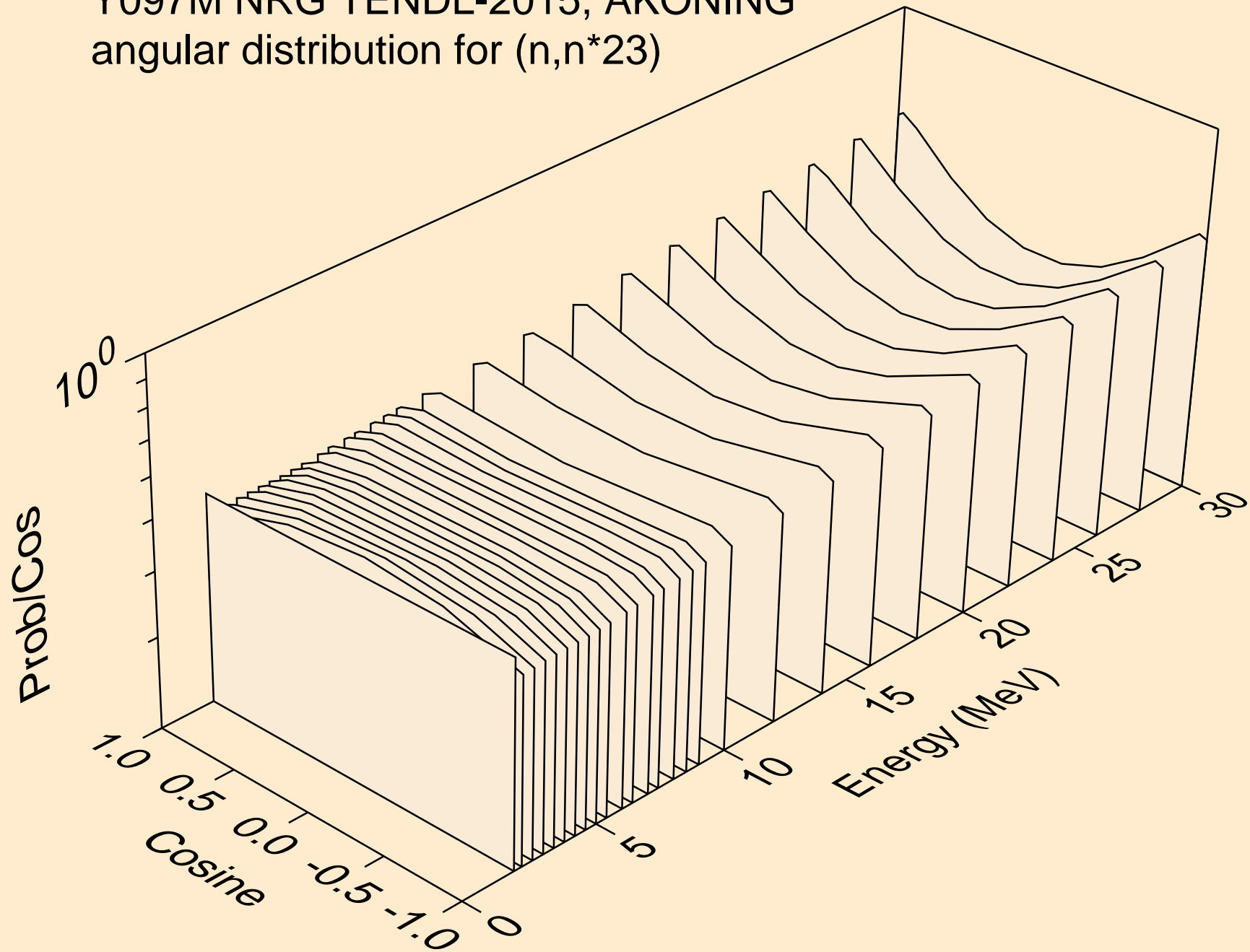
Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



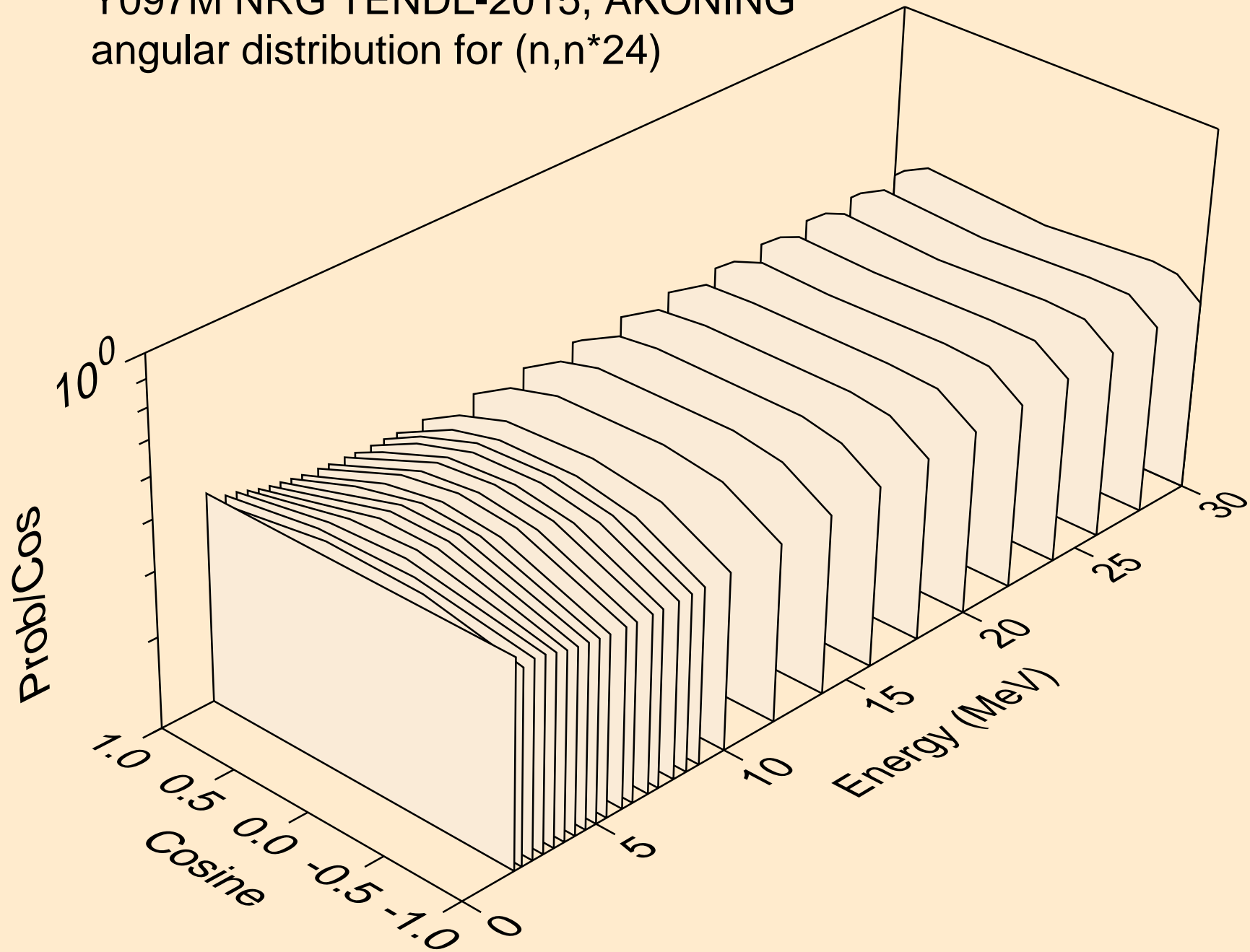
Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



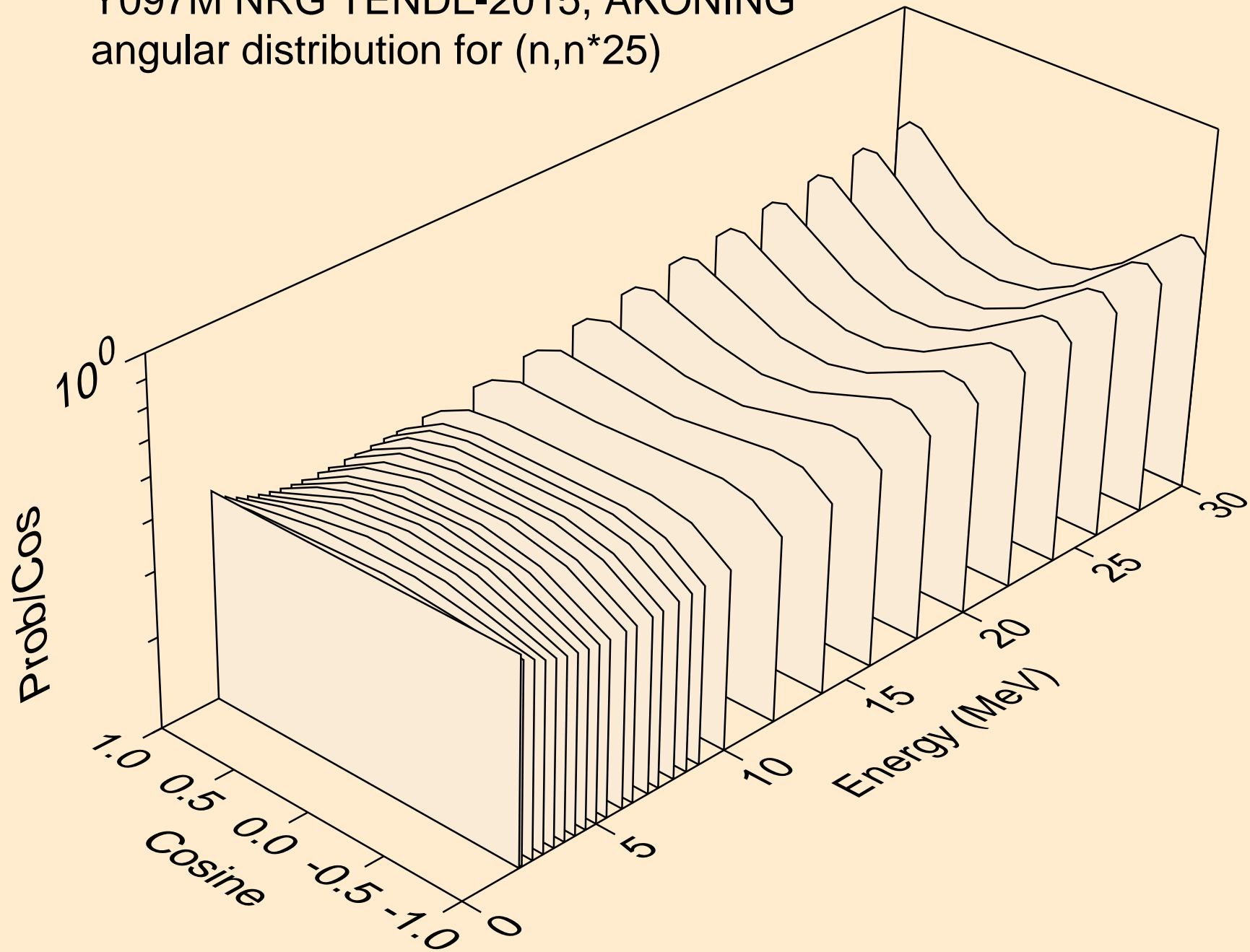
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angular distribution for (n,n\*23)



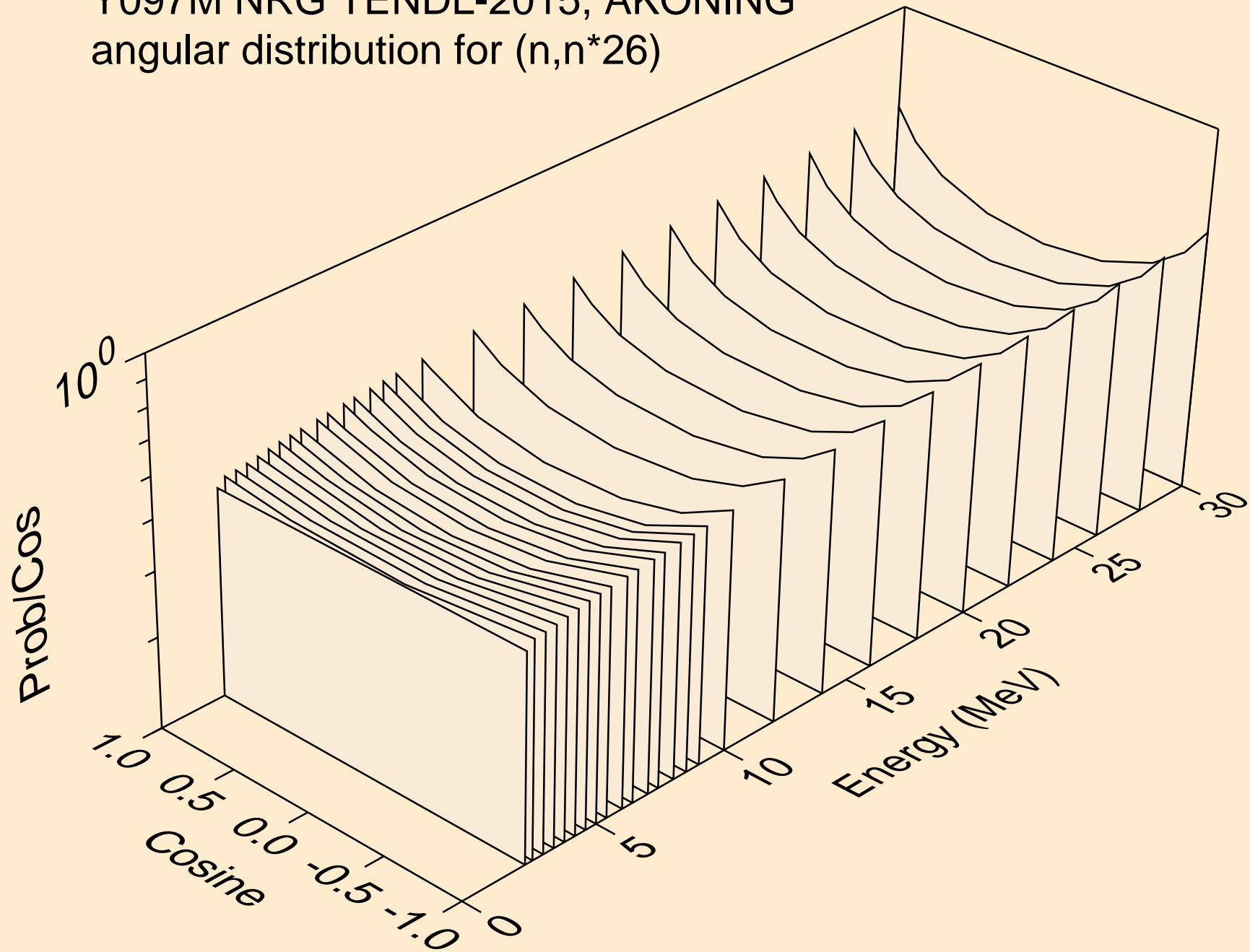
Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)

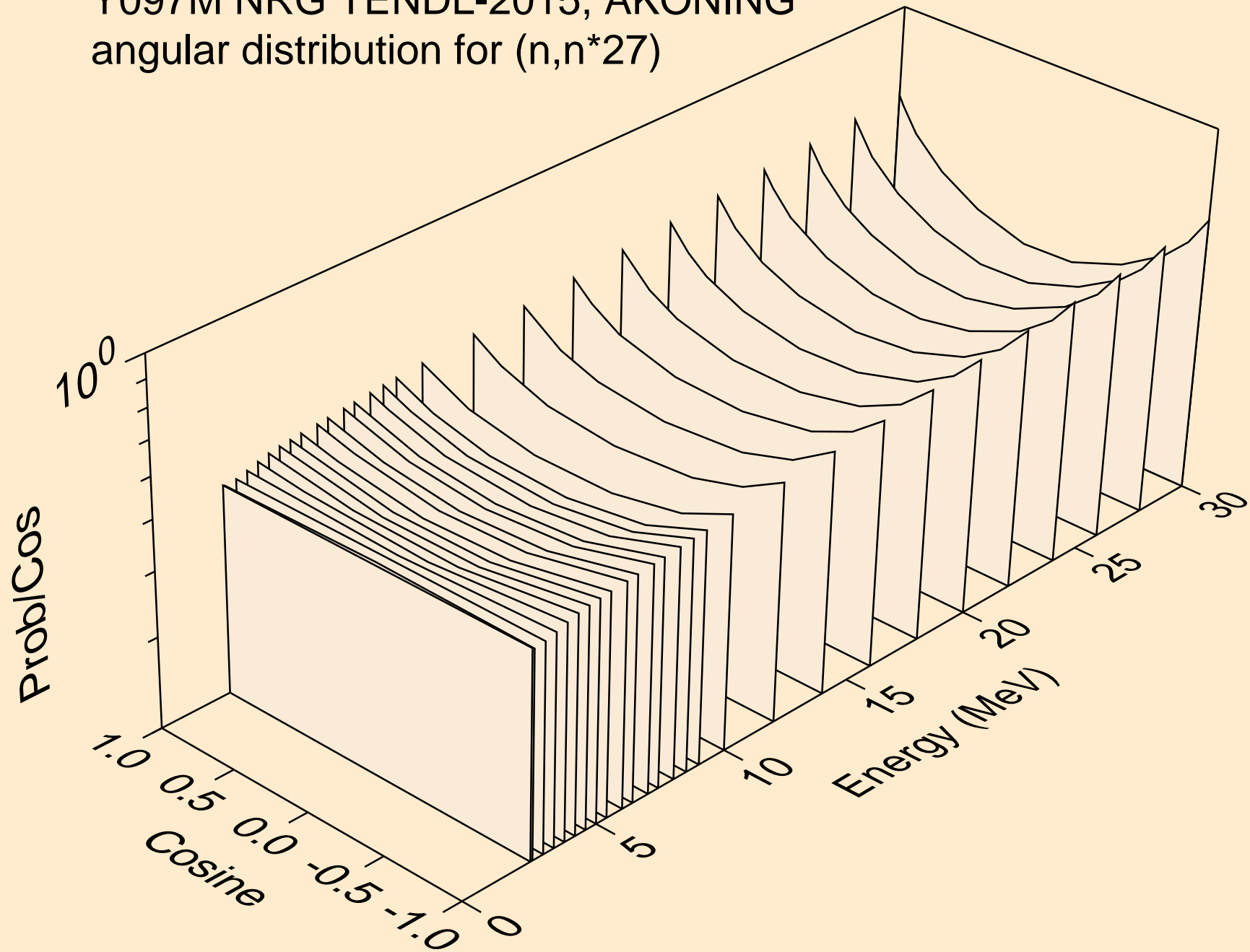


Y097M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)

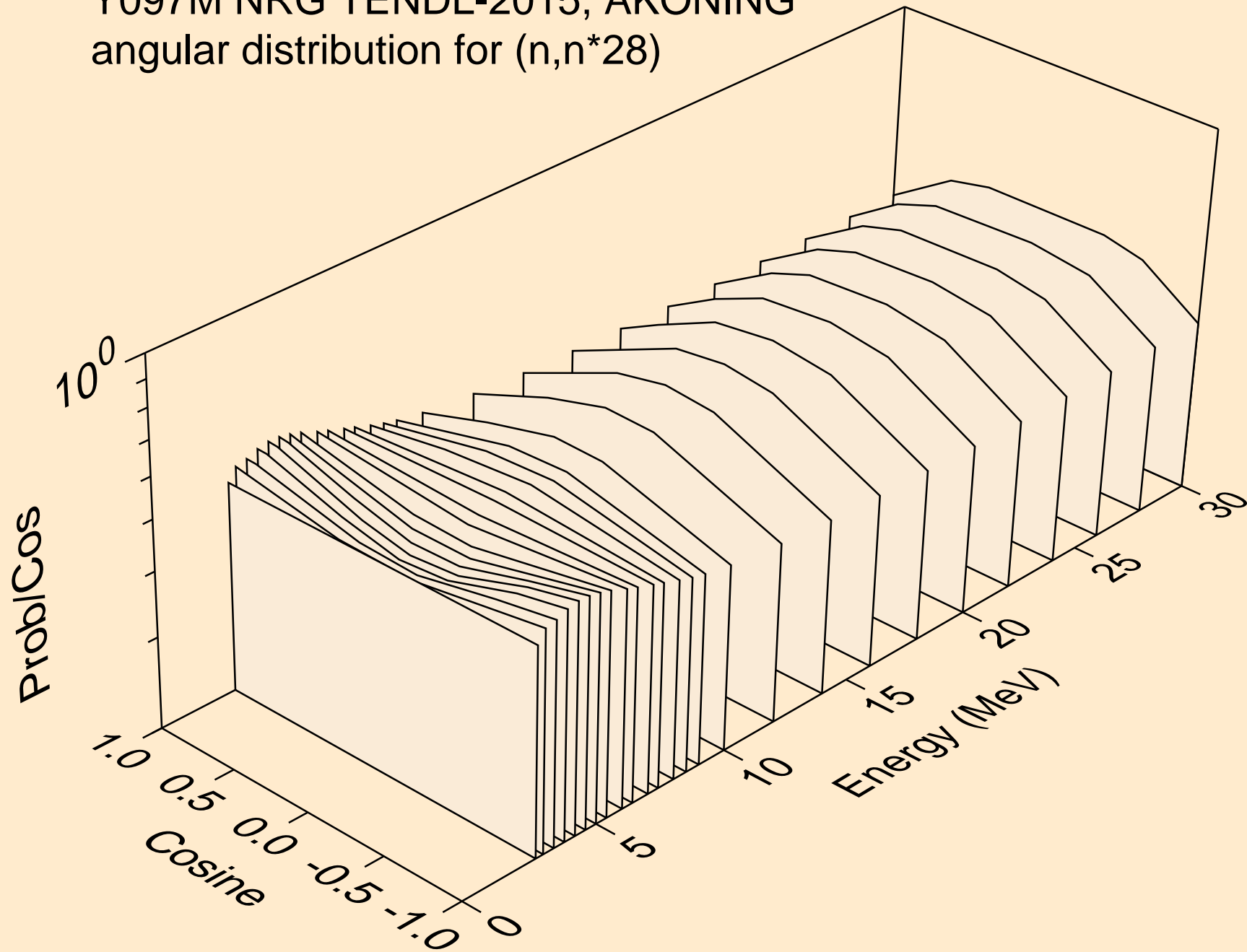




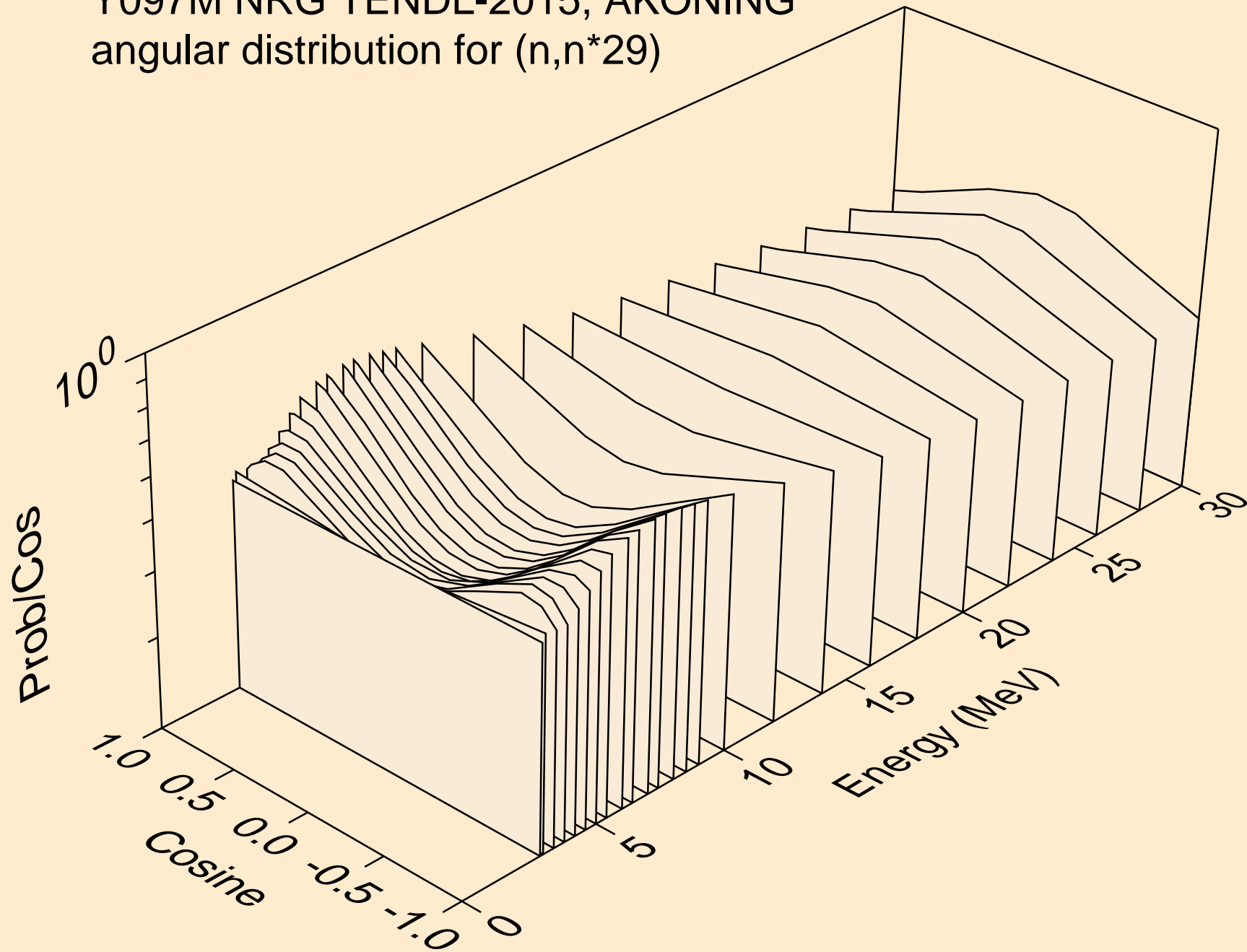
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angular distribution for (n,n\*27)



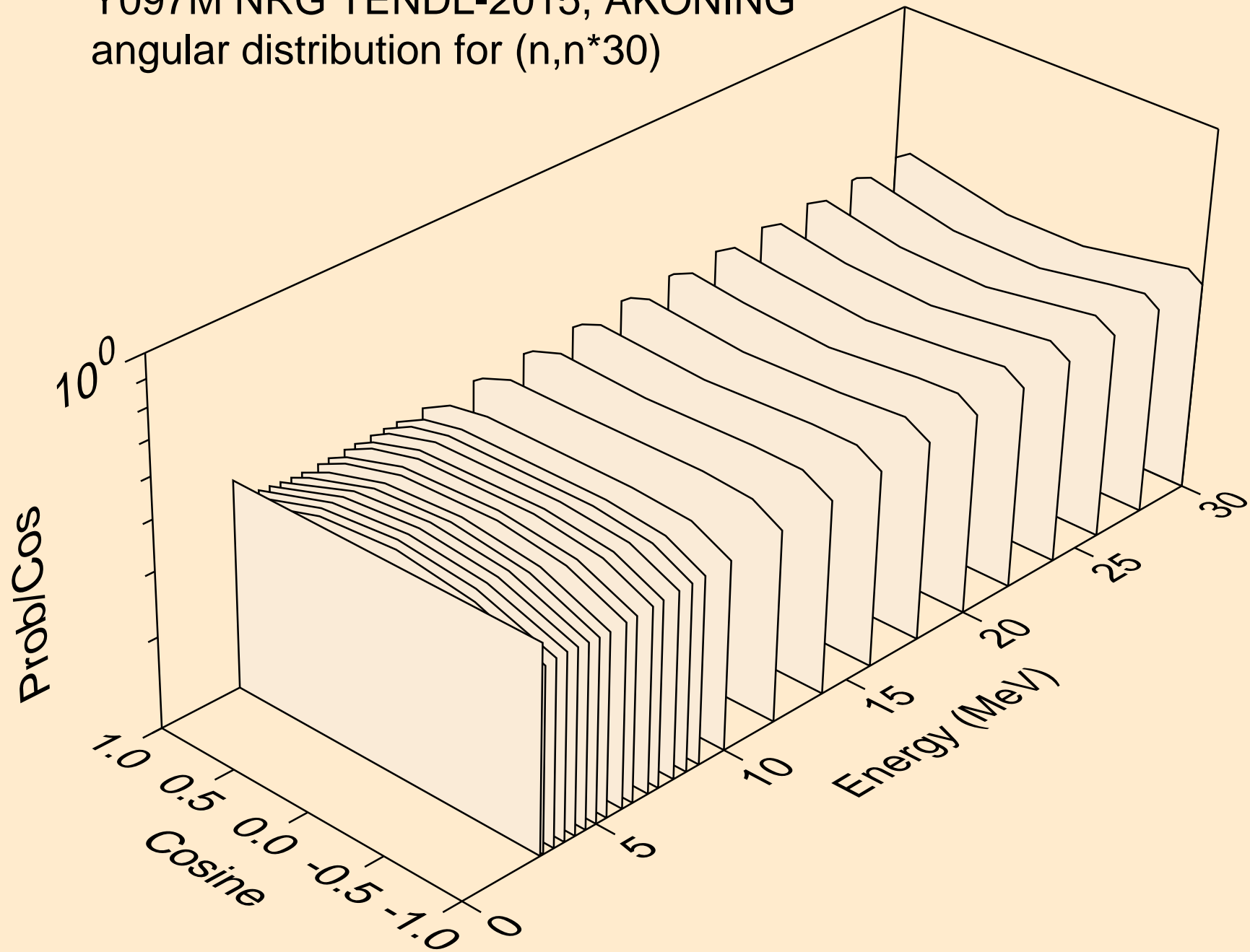
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angular distribution for (n,n\*28)



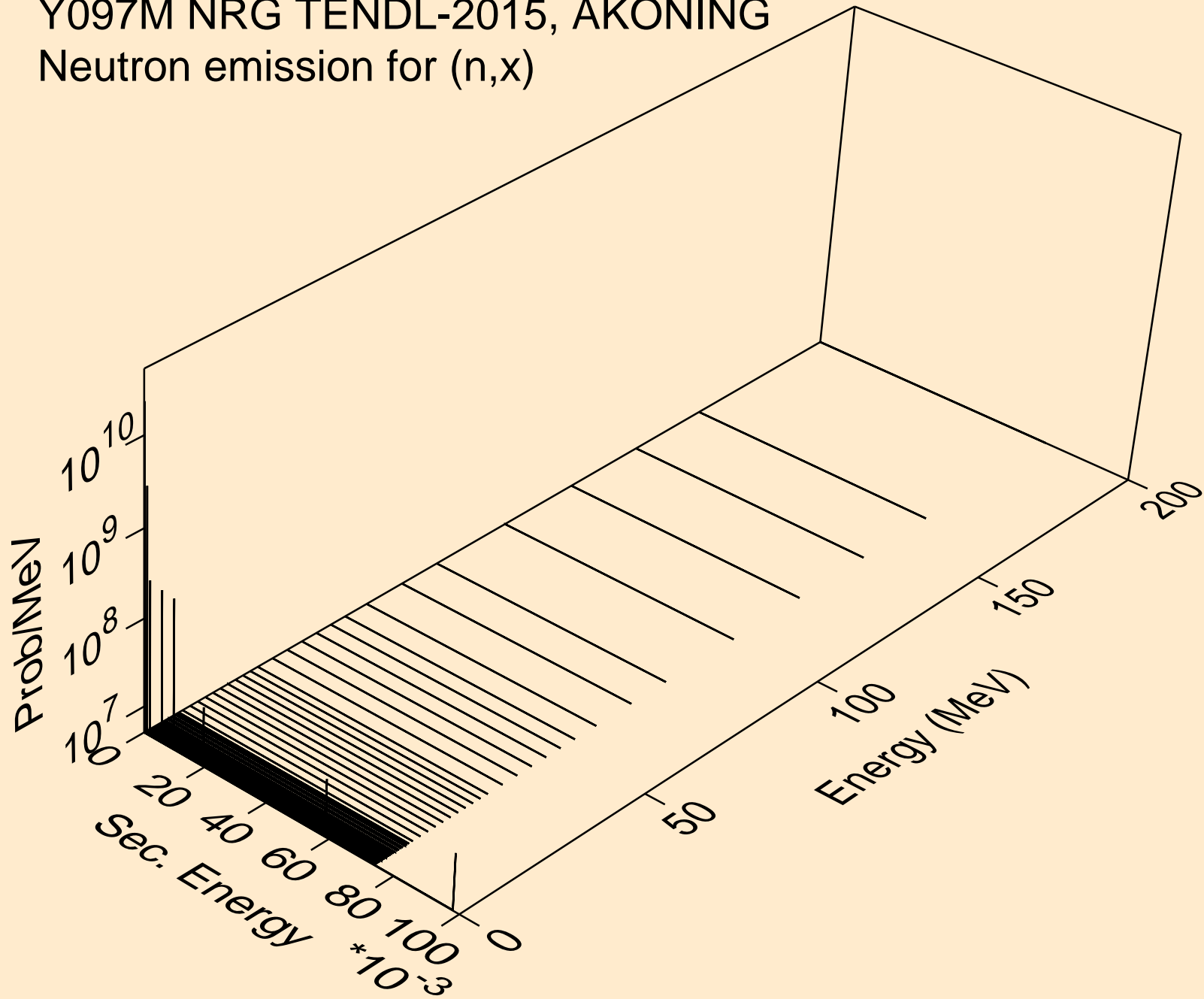
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angular distribution for (n,n\*29)



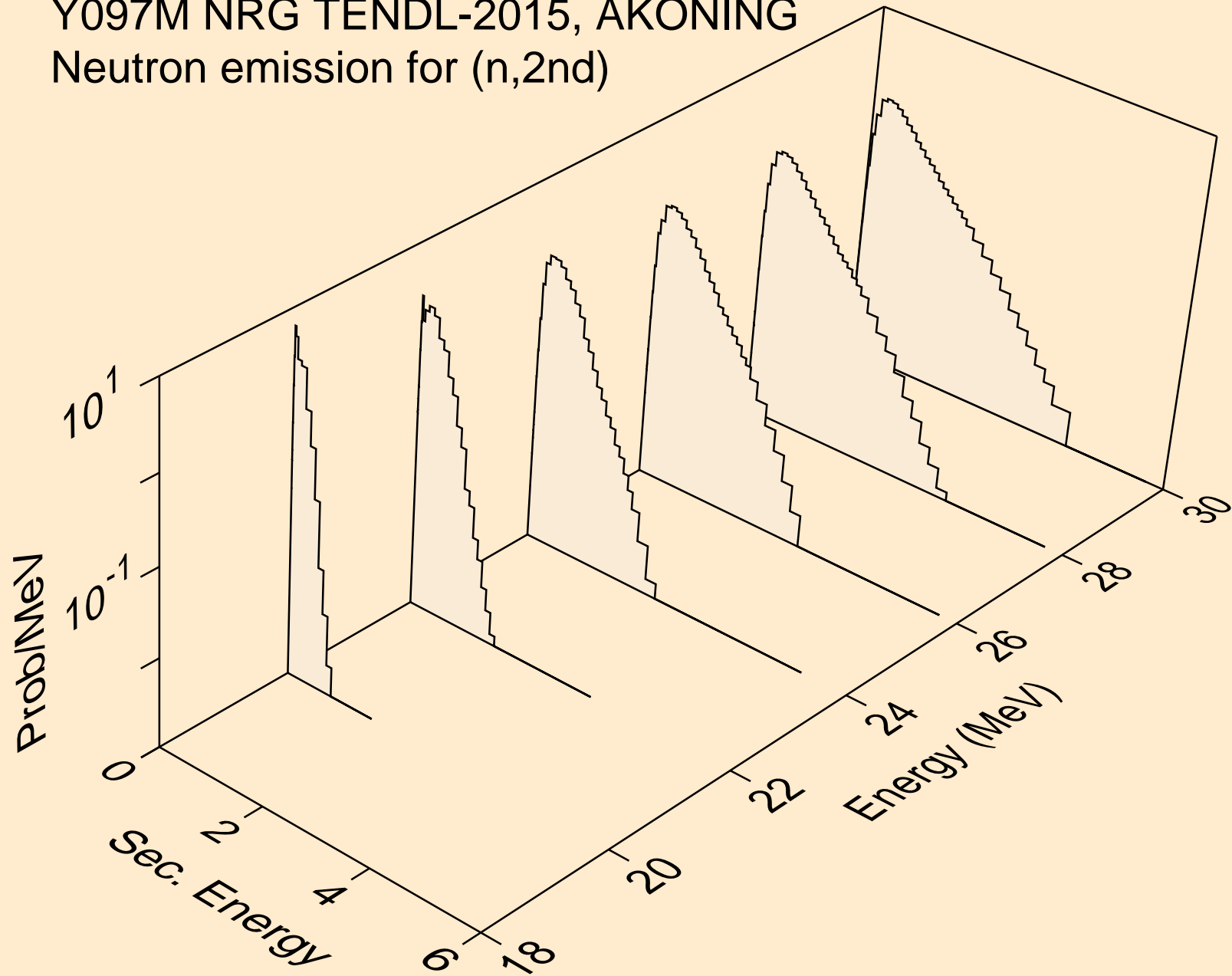
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angular distribution for (n,n\*30)



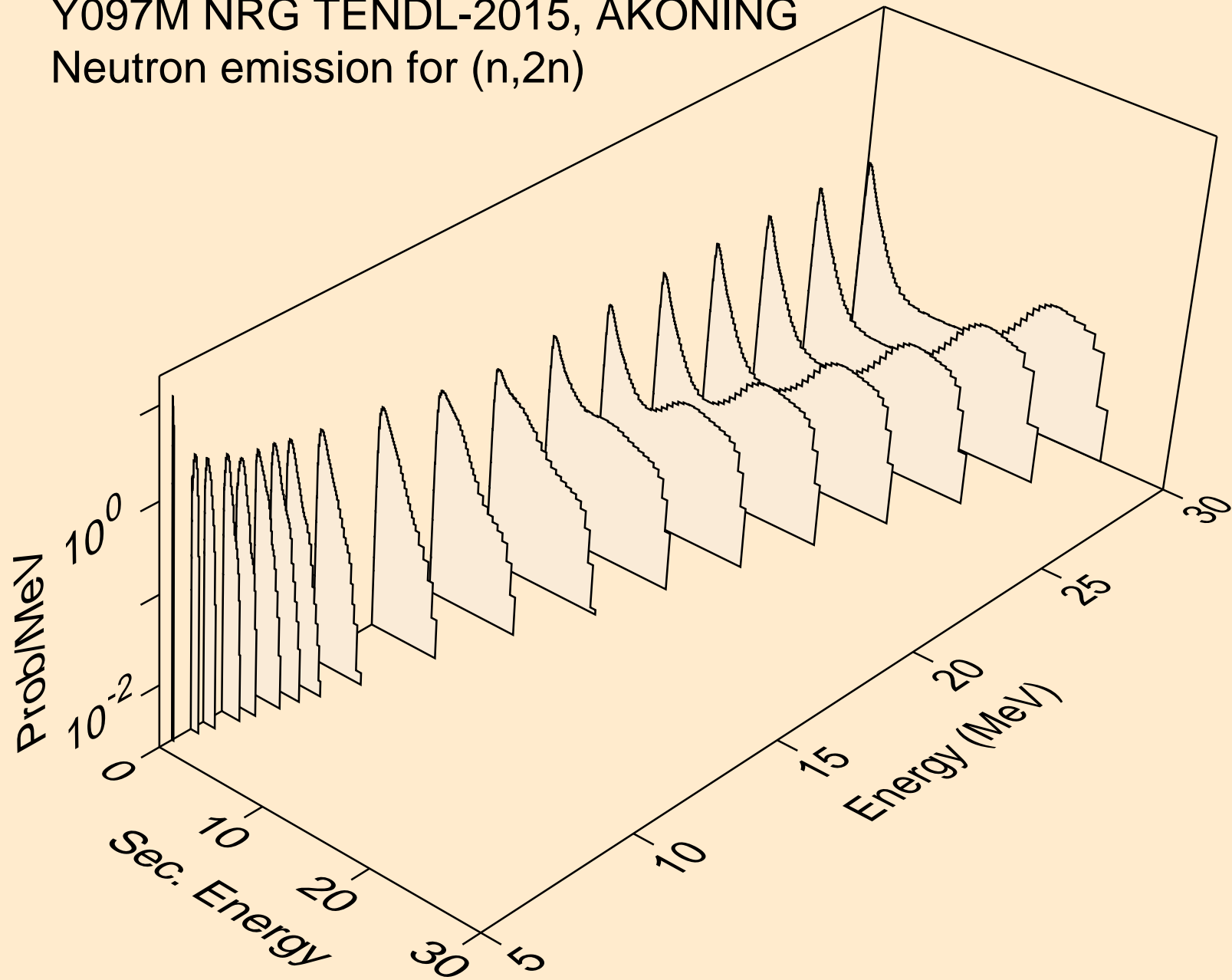
Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



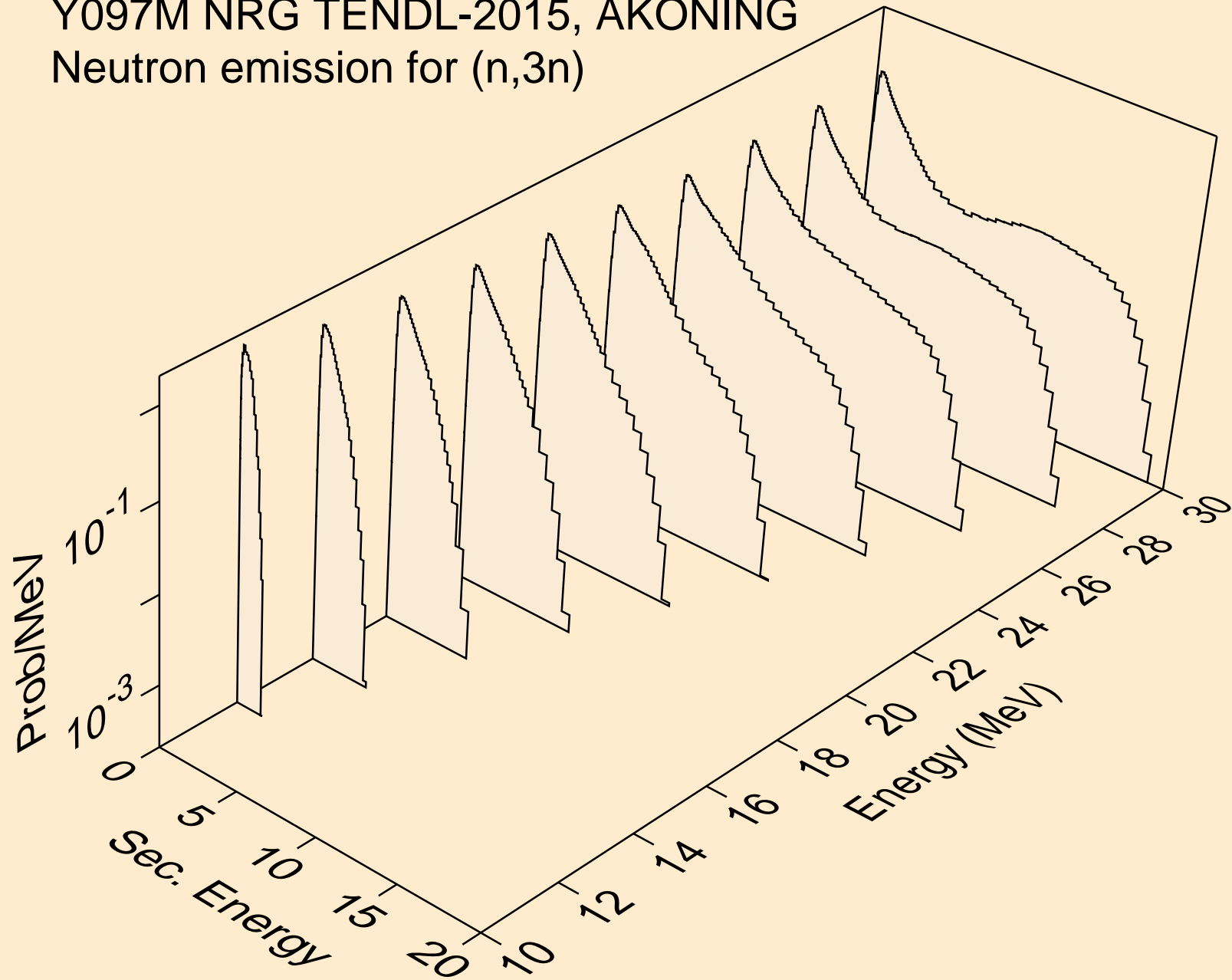
Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

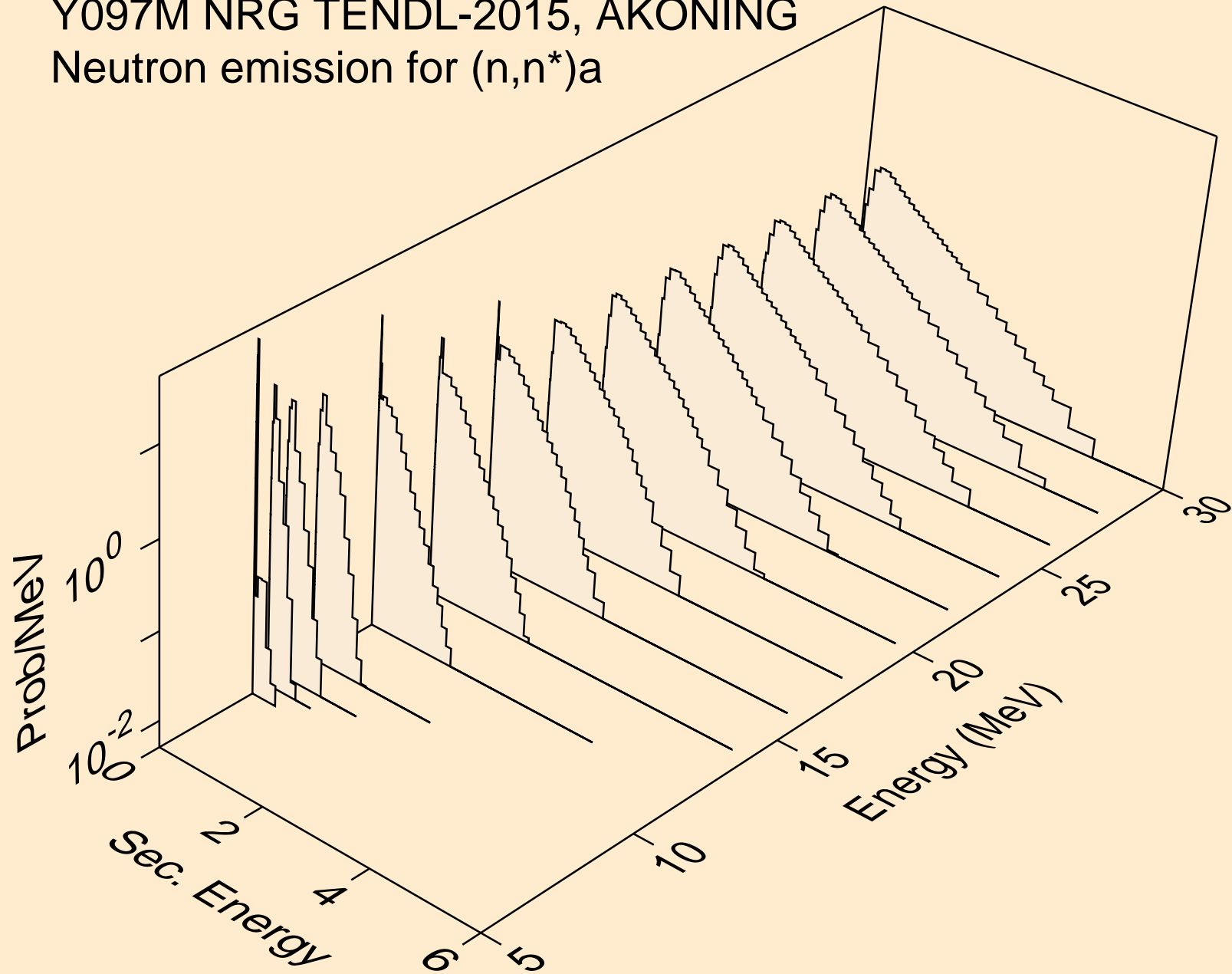


Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

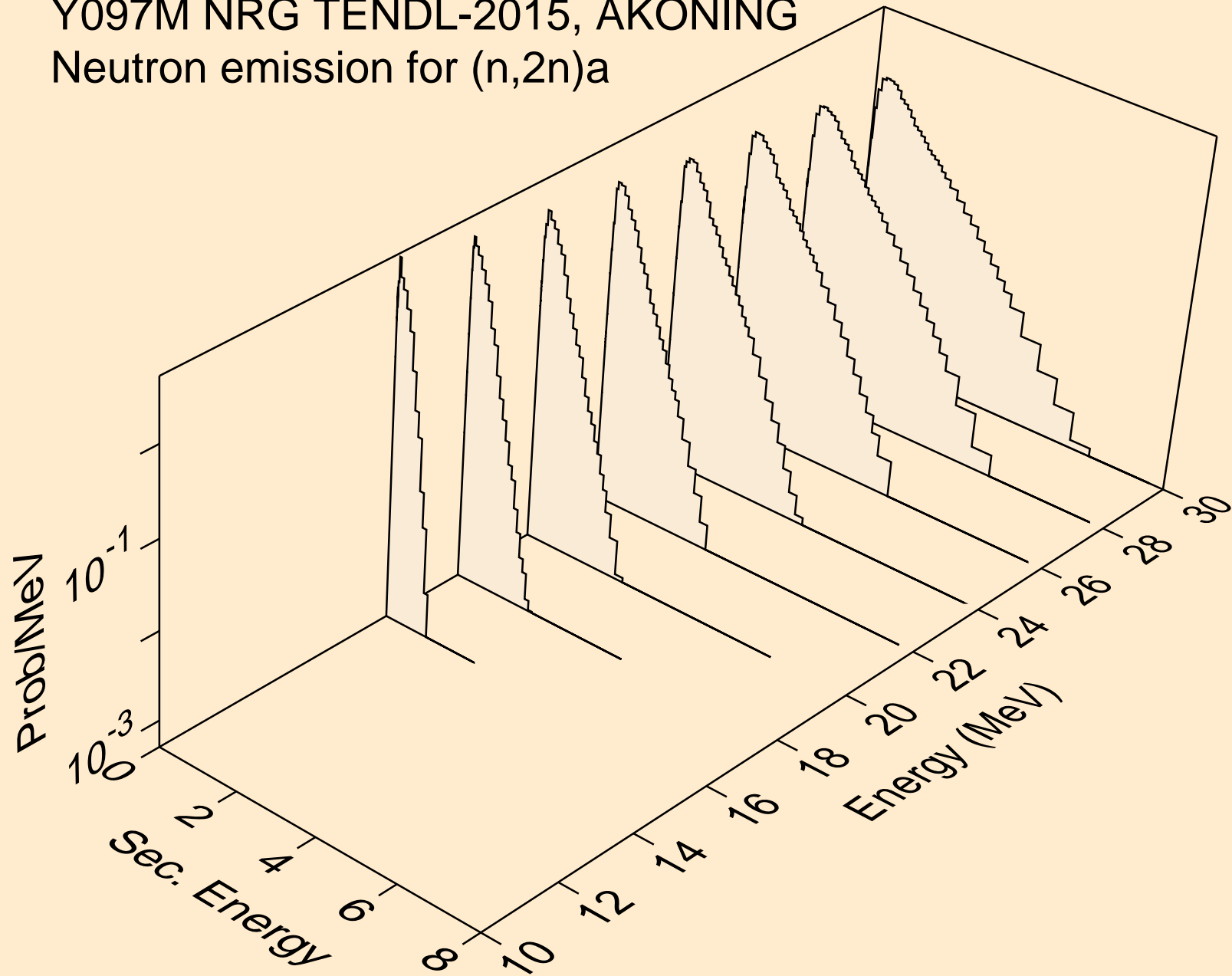




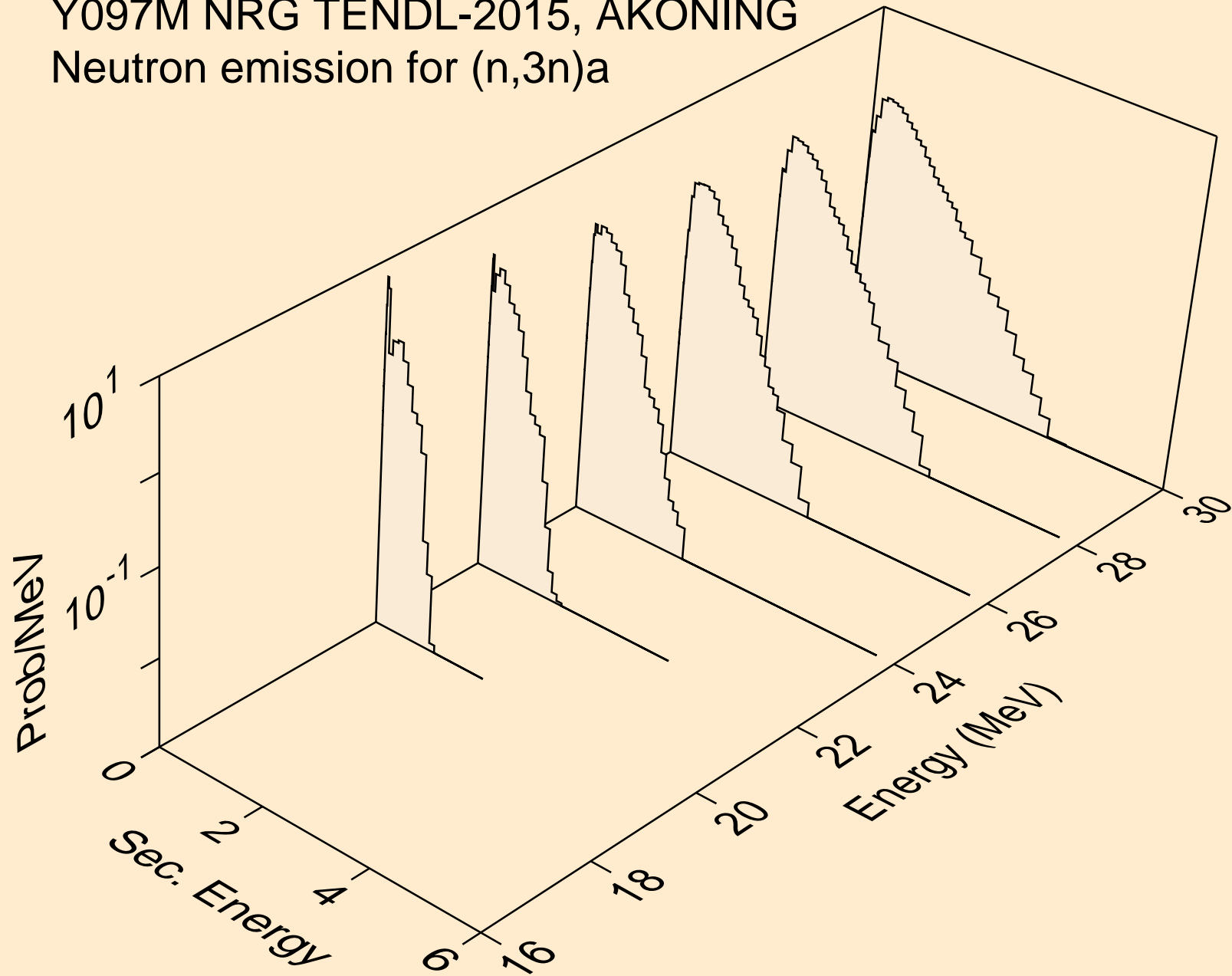
Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



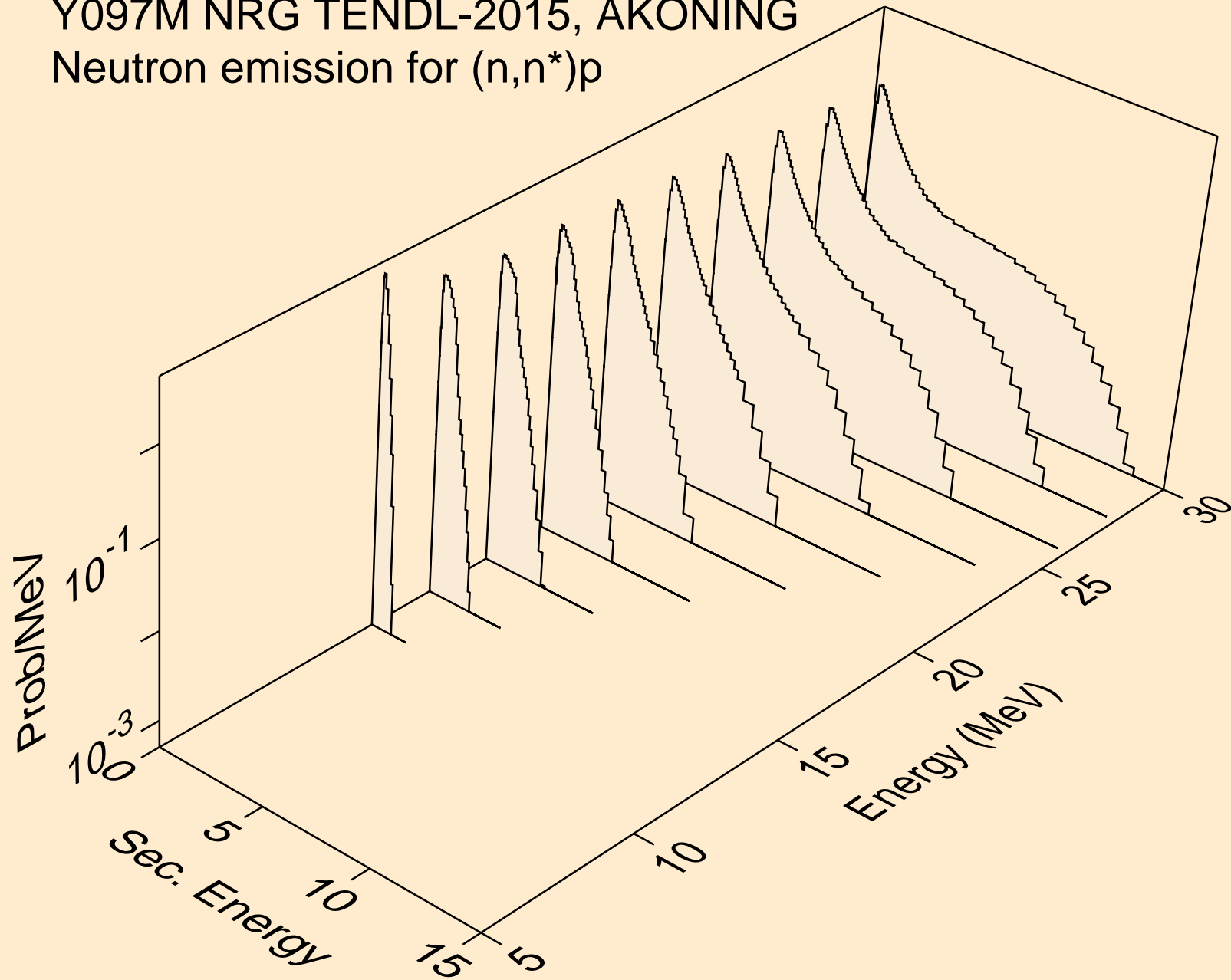
Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



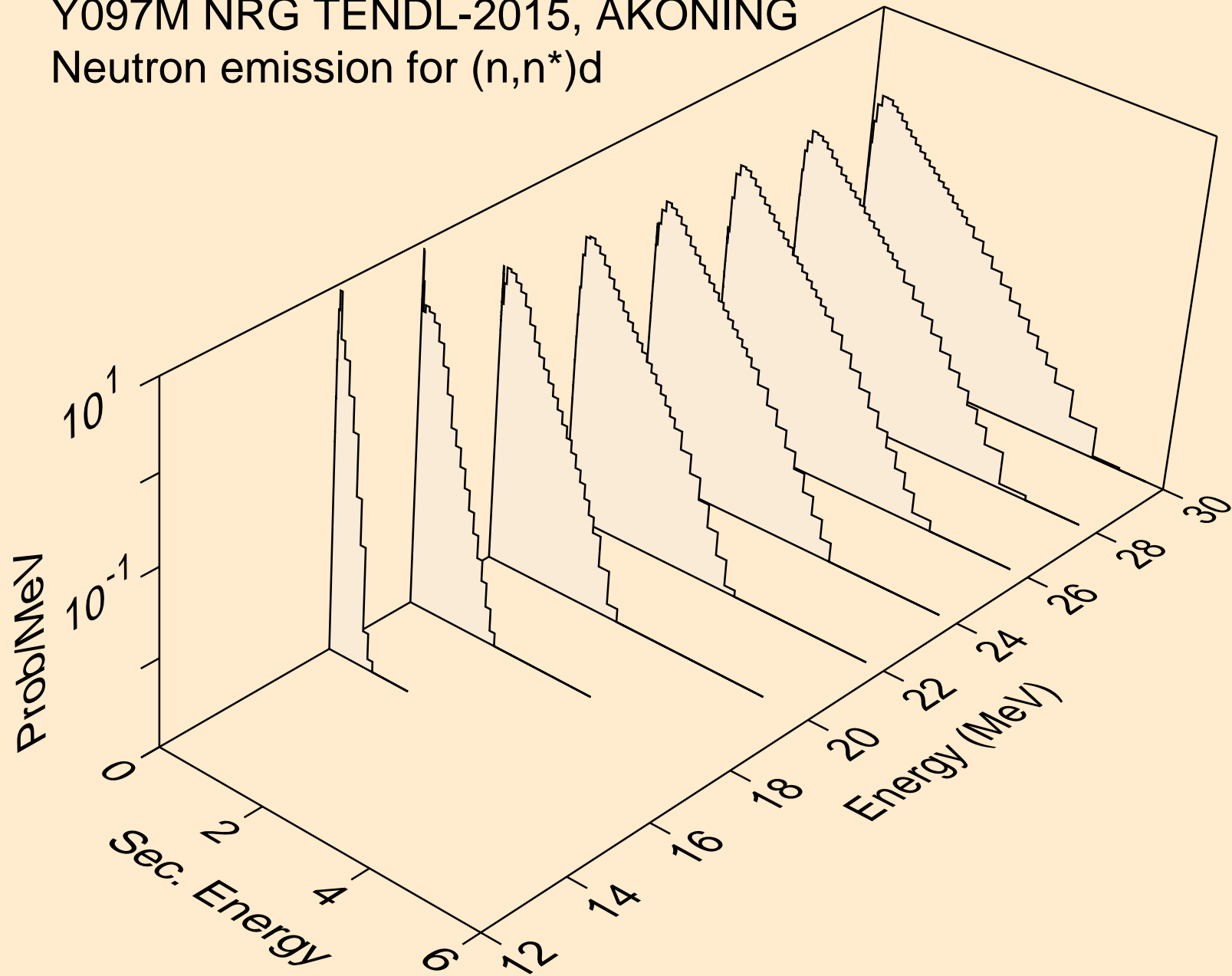
Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



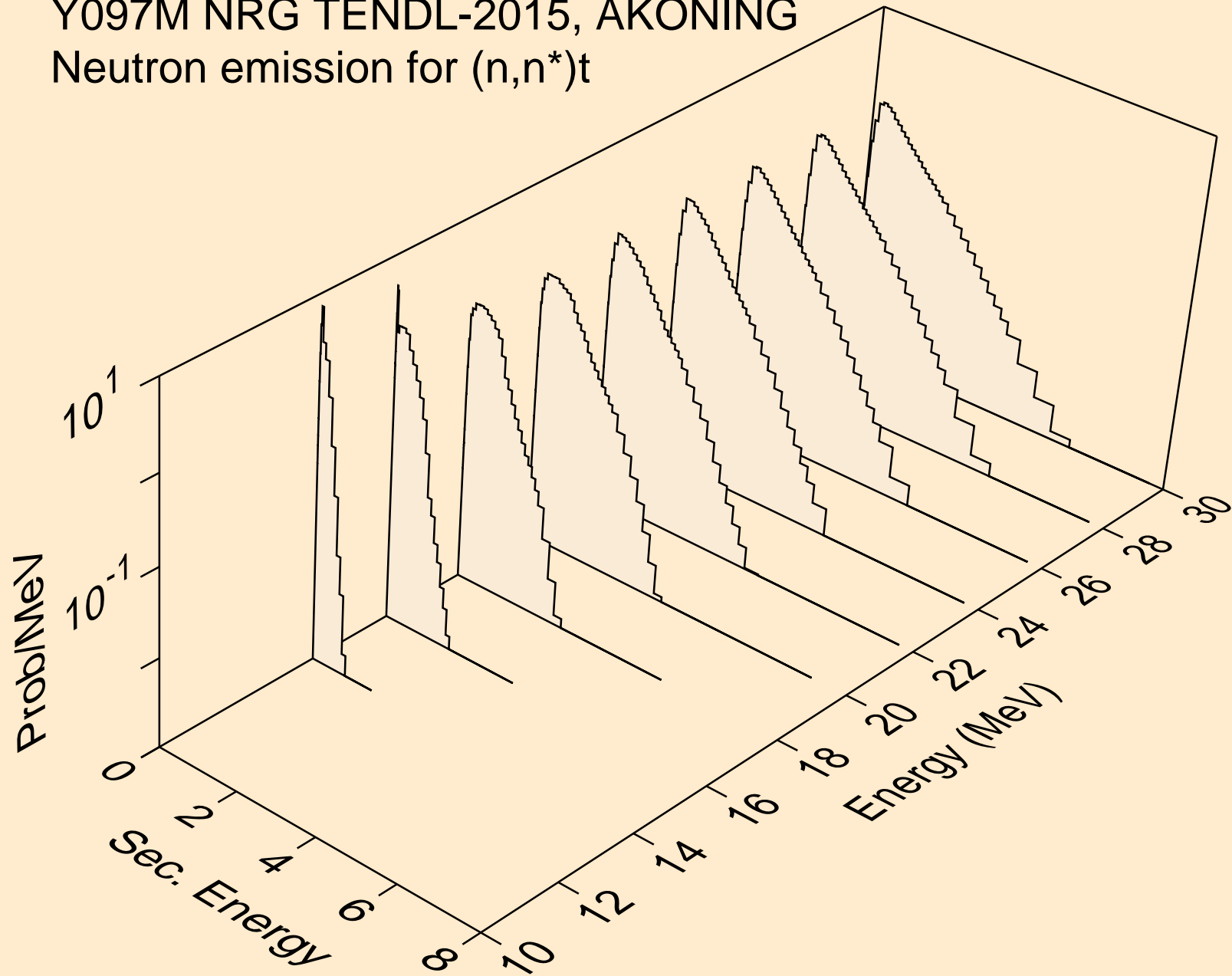
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Neutron emission for (n,n\*)p



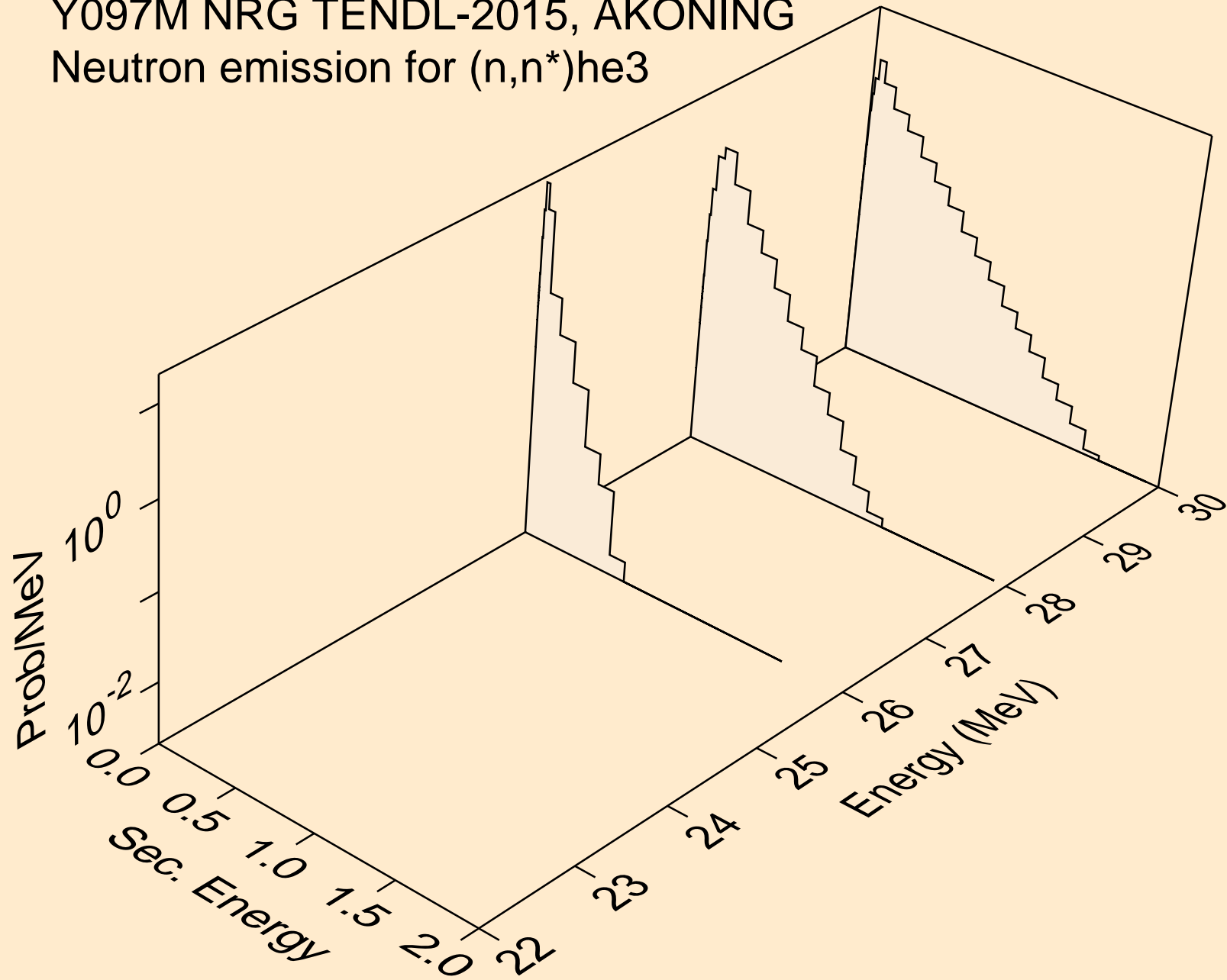
Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



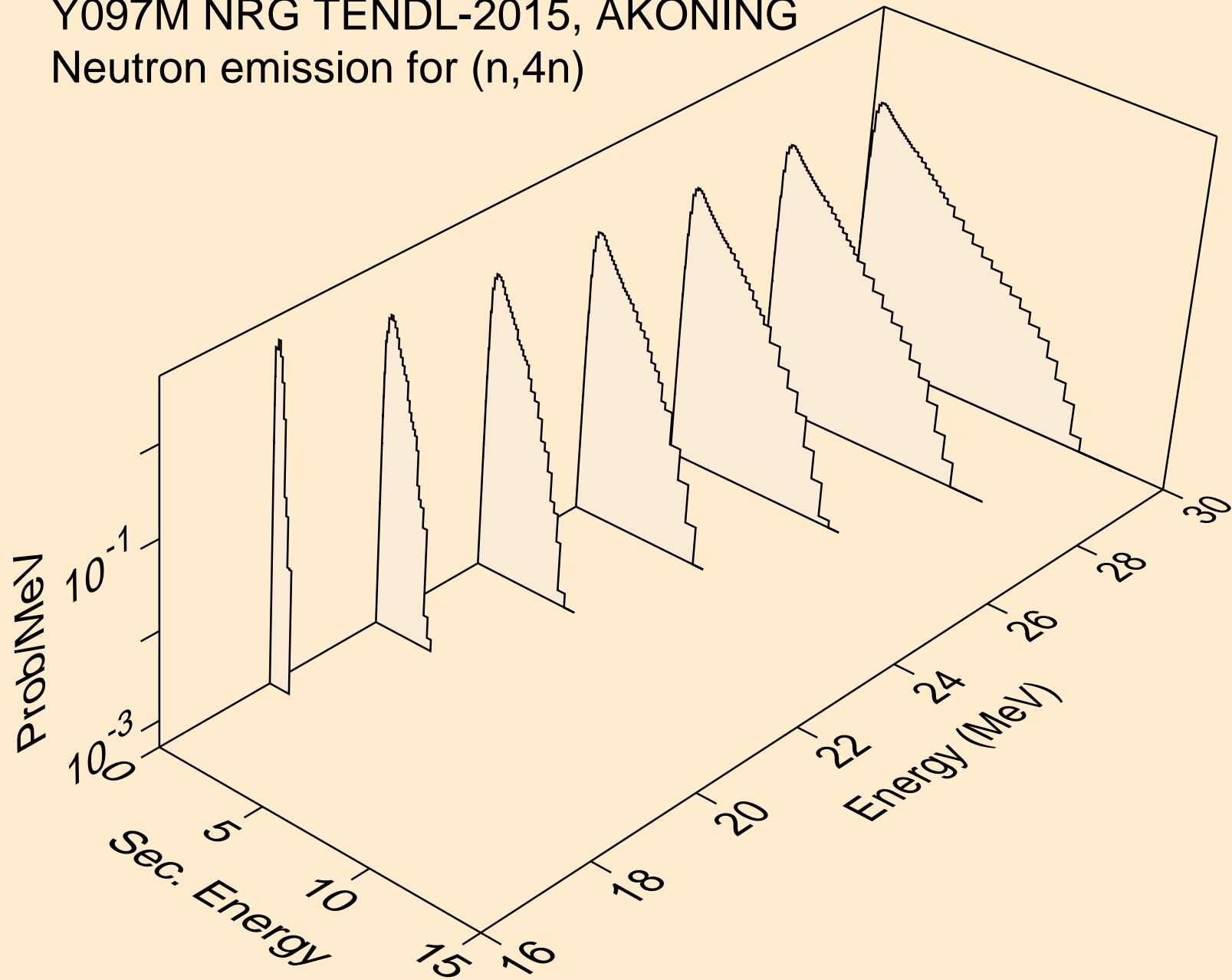
Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

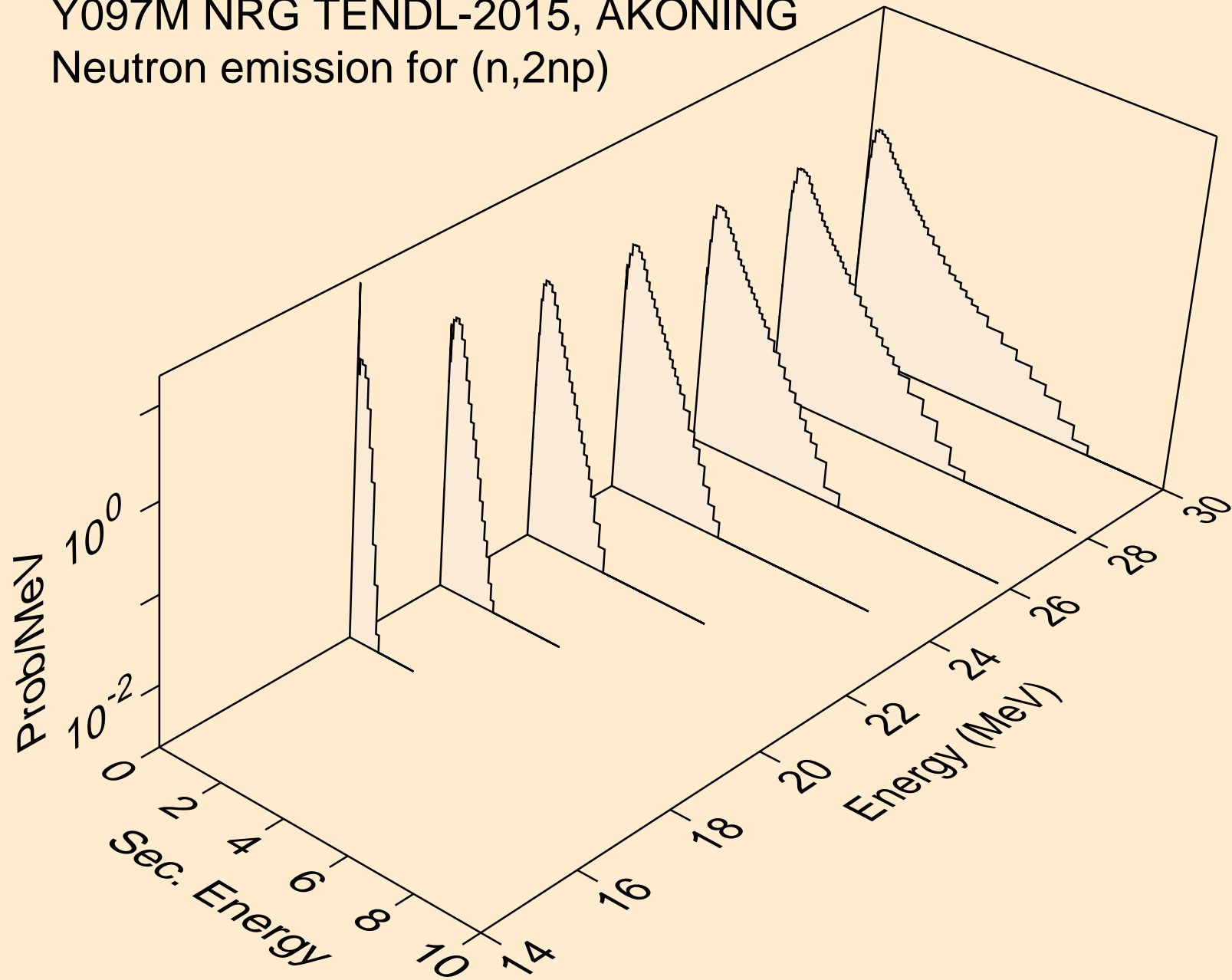


Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

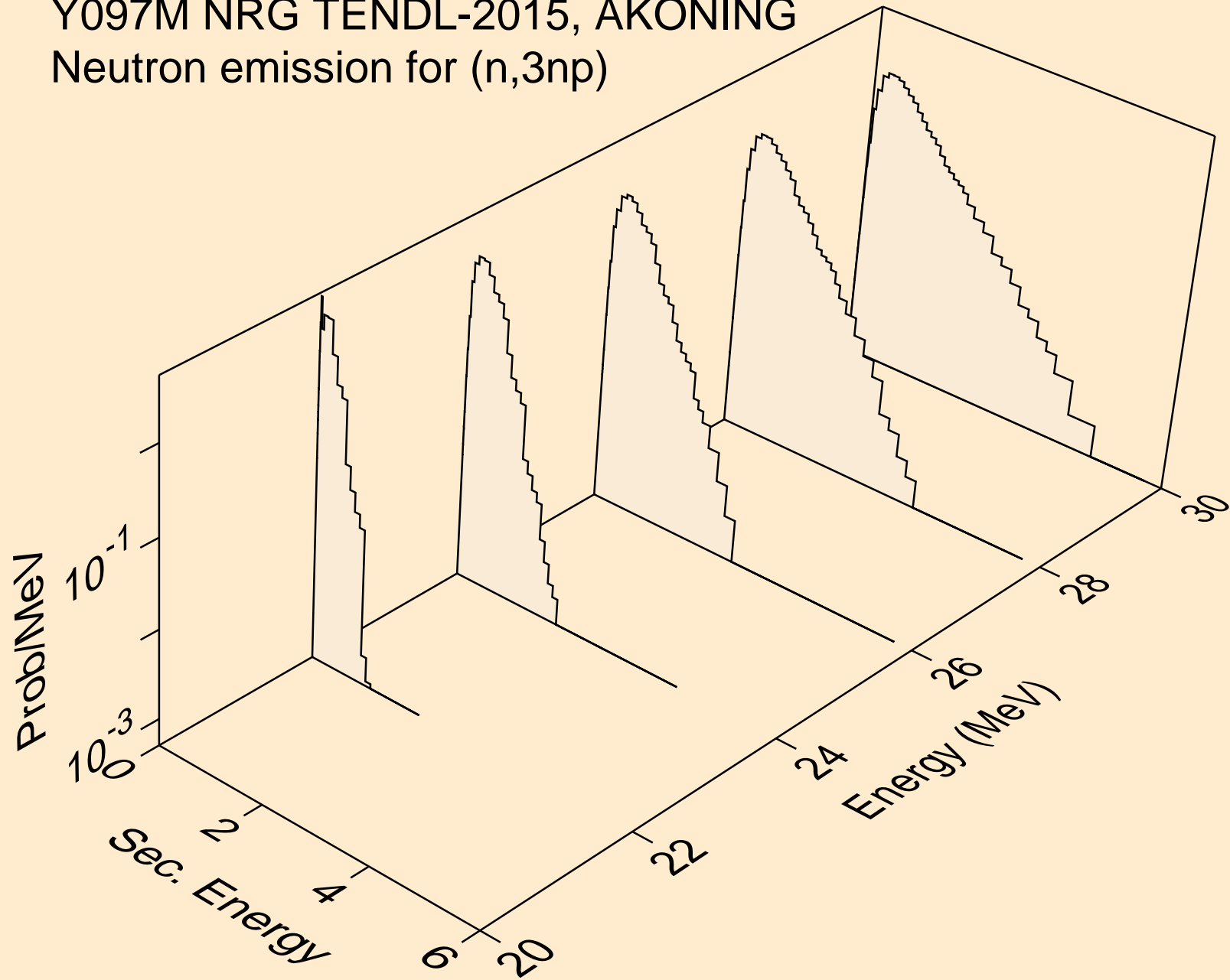




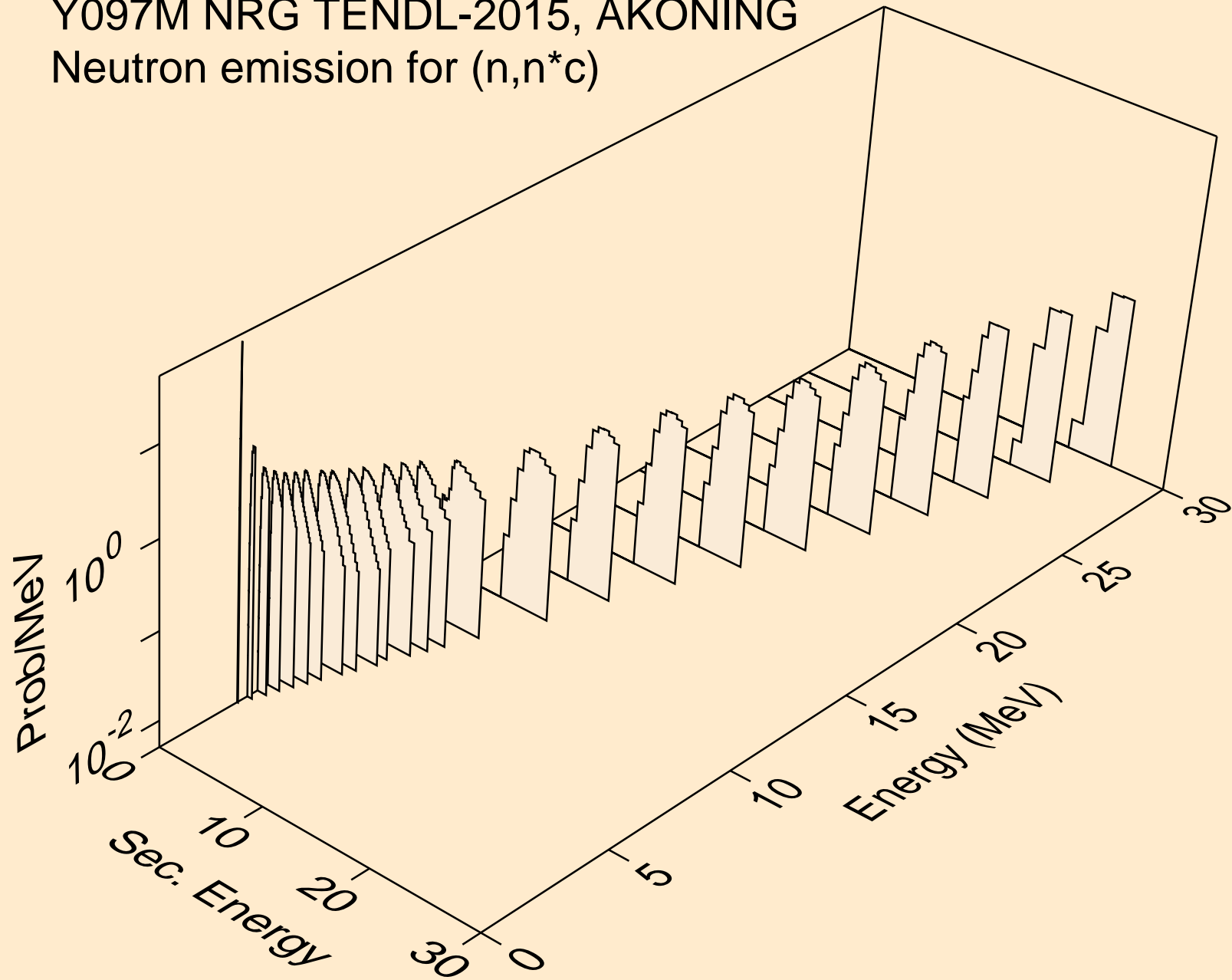
Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



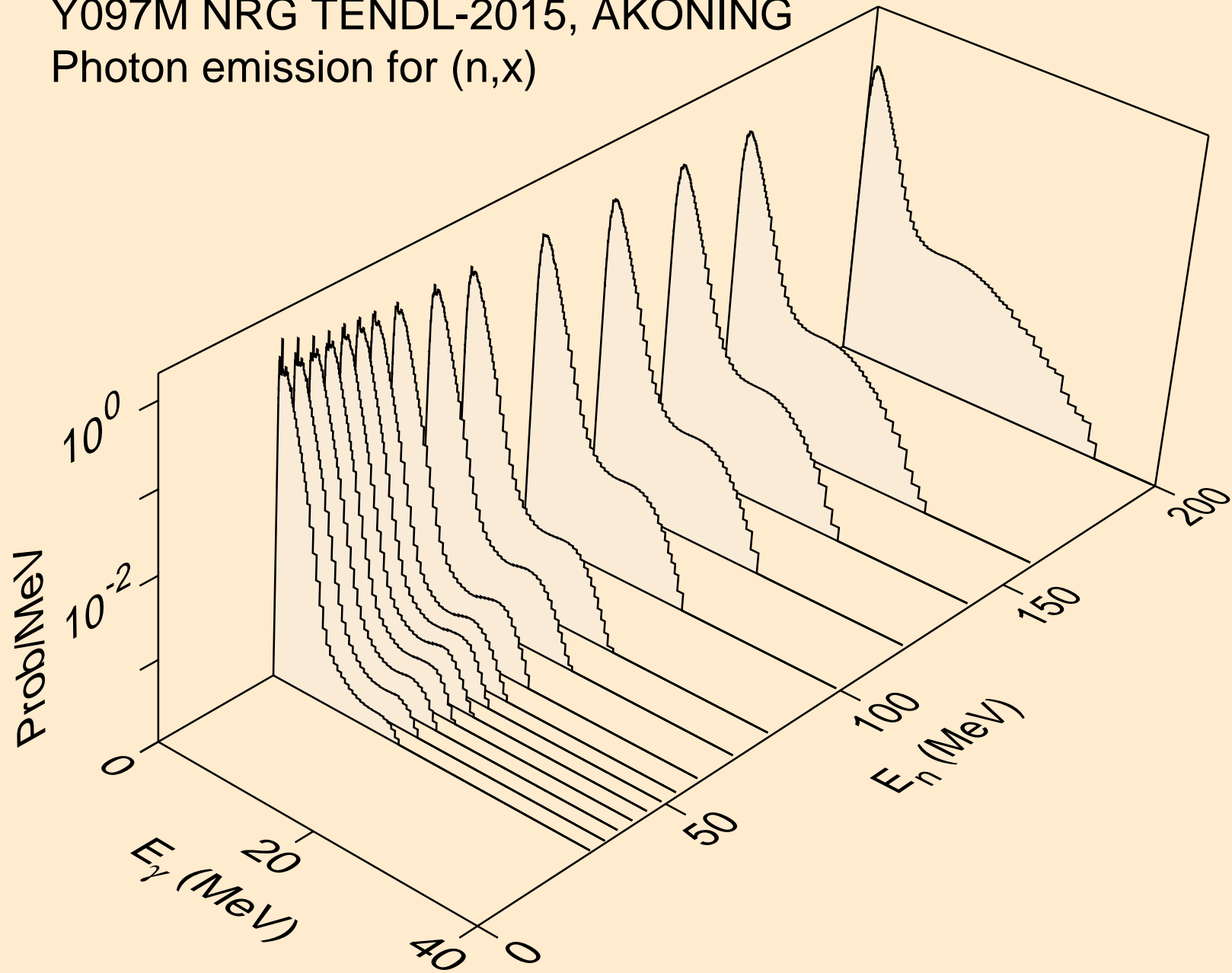
Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



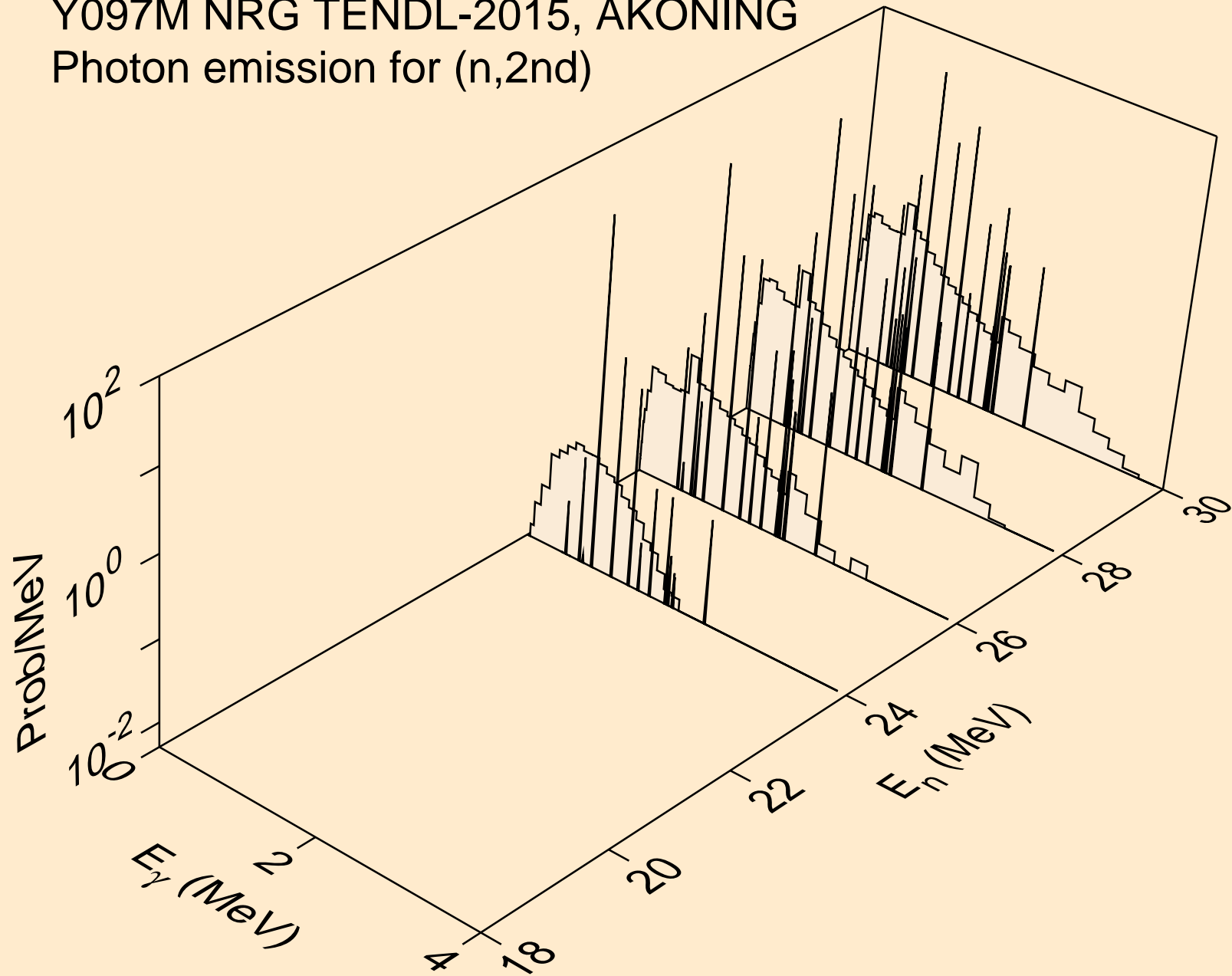
Y097M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



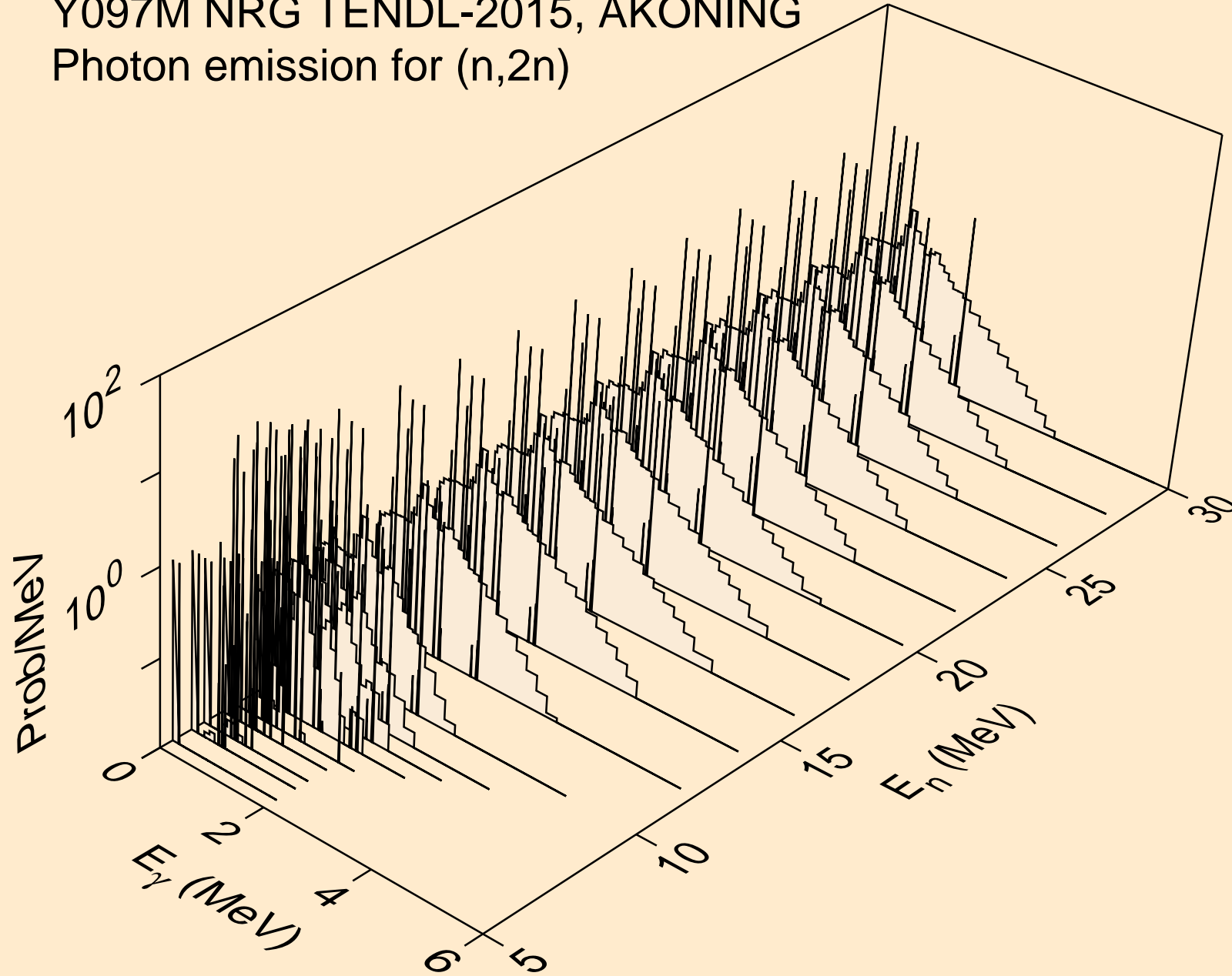
Y097M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



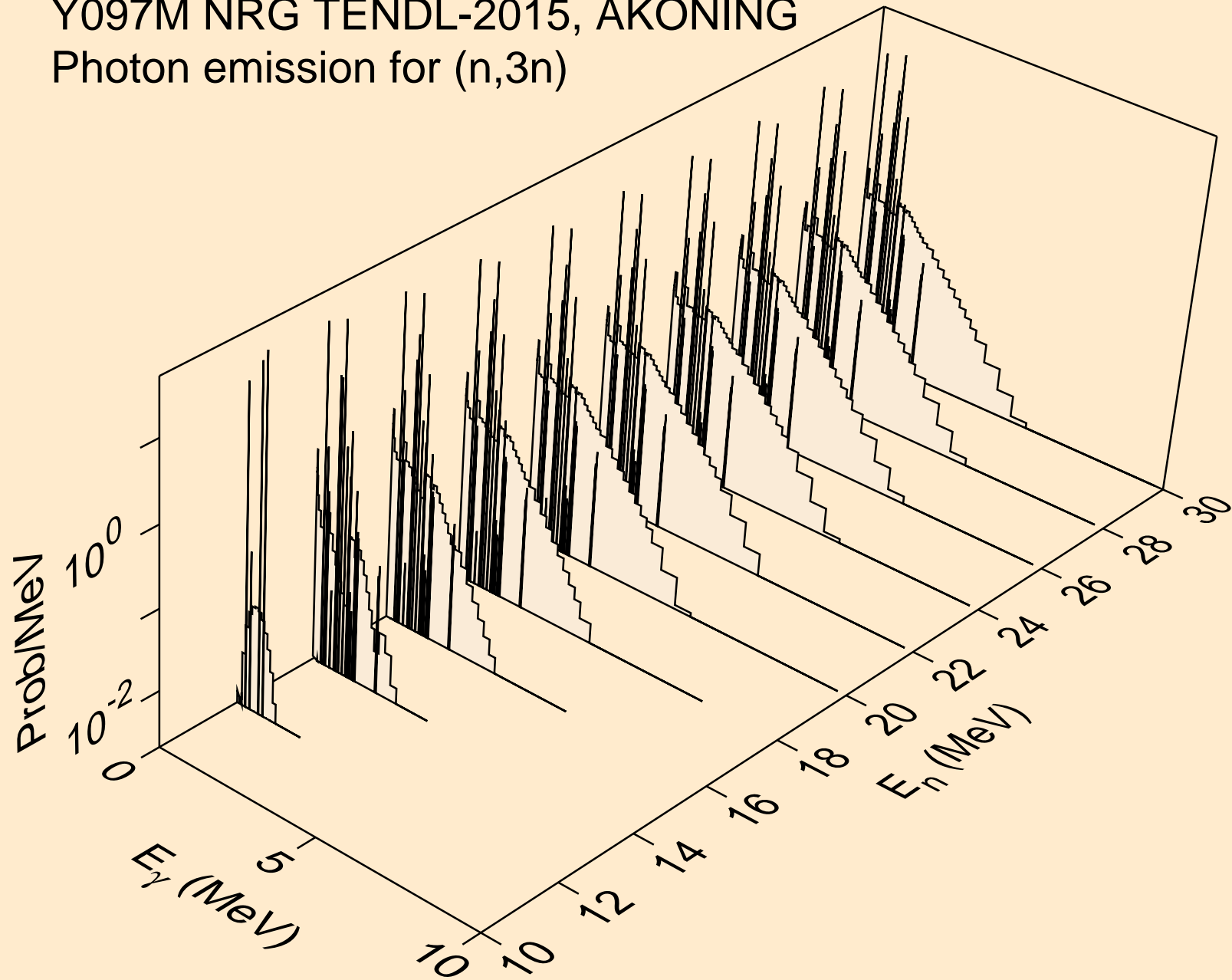
Y097M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



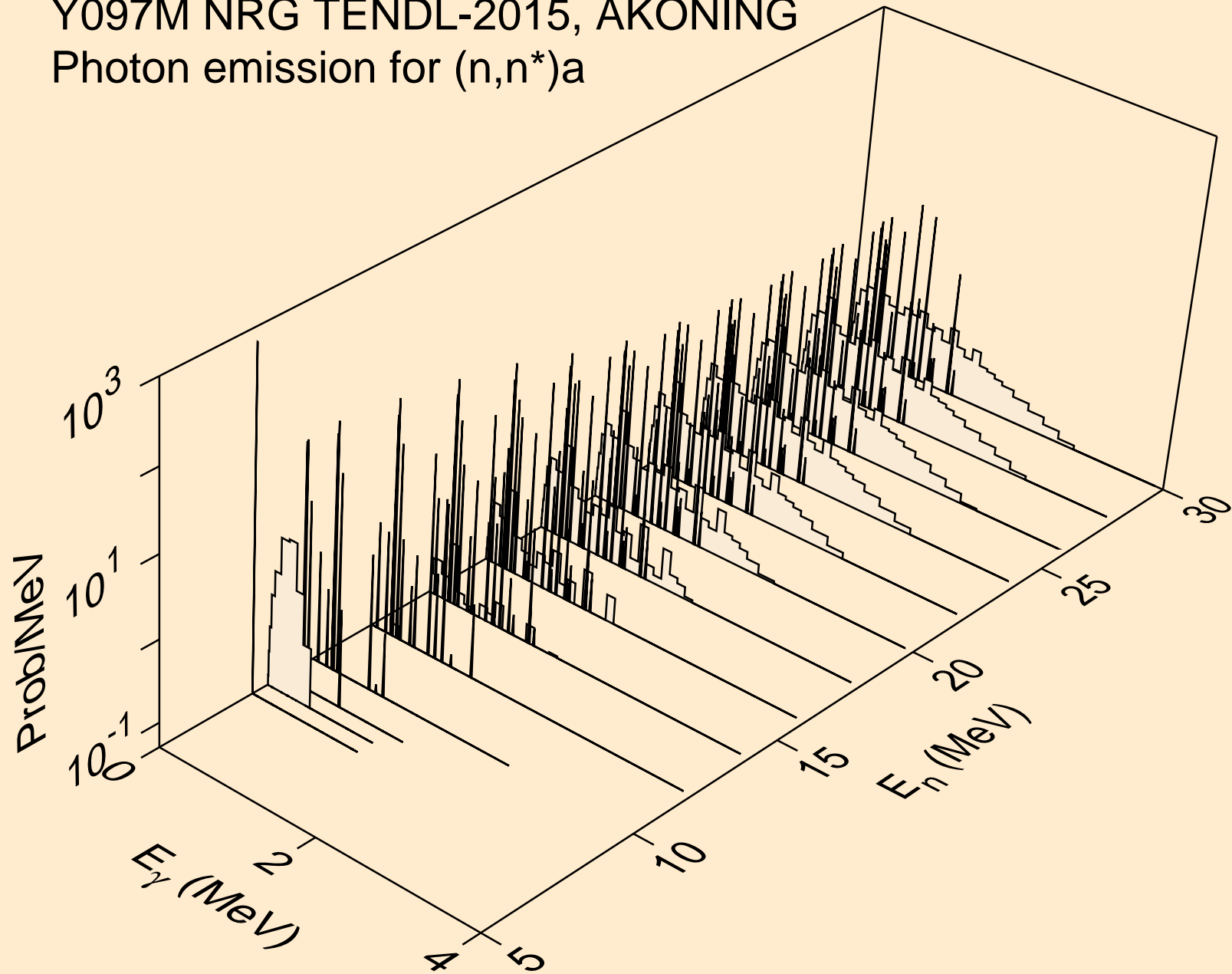
Y097M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



Y097M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

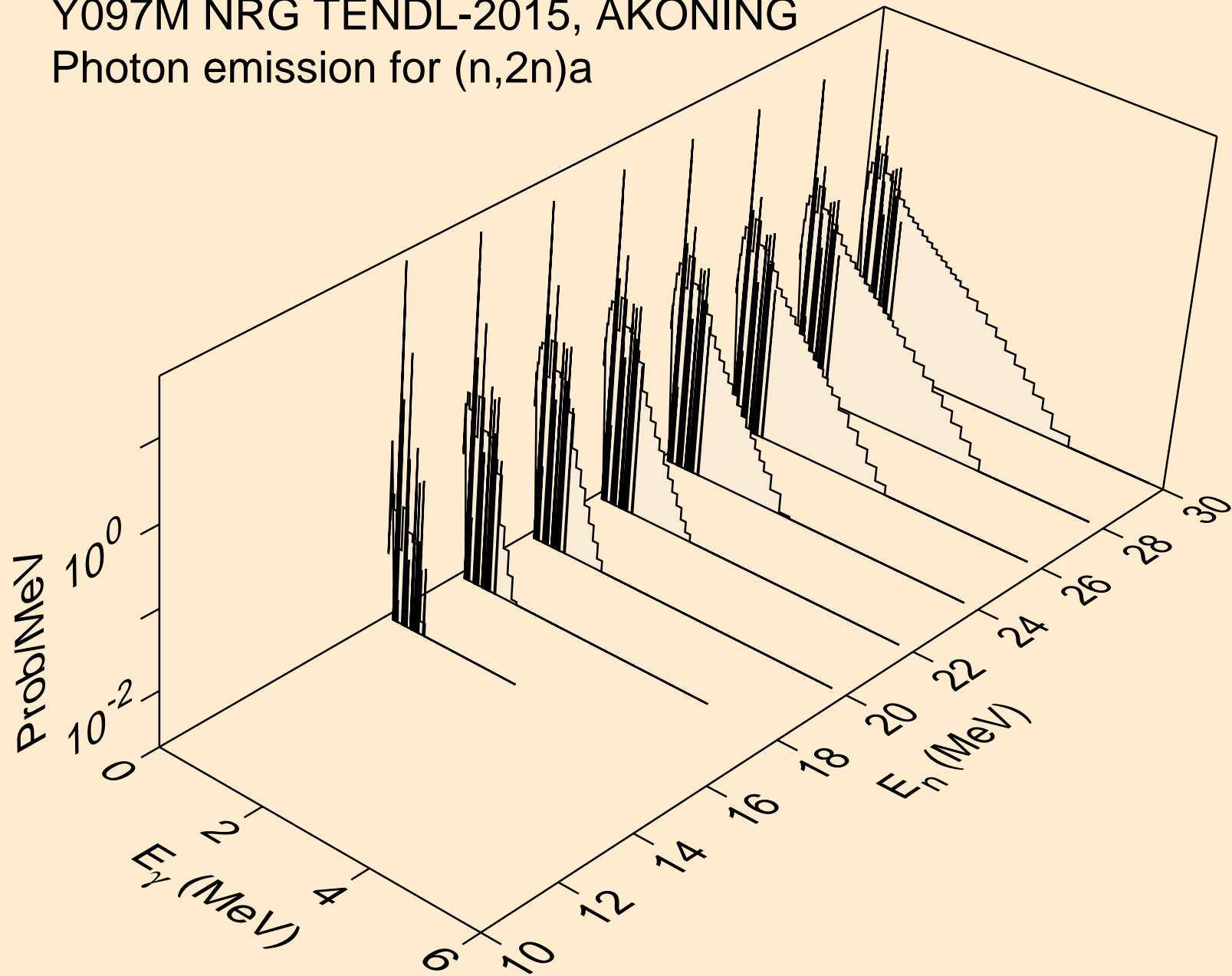


Y097M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

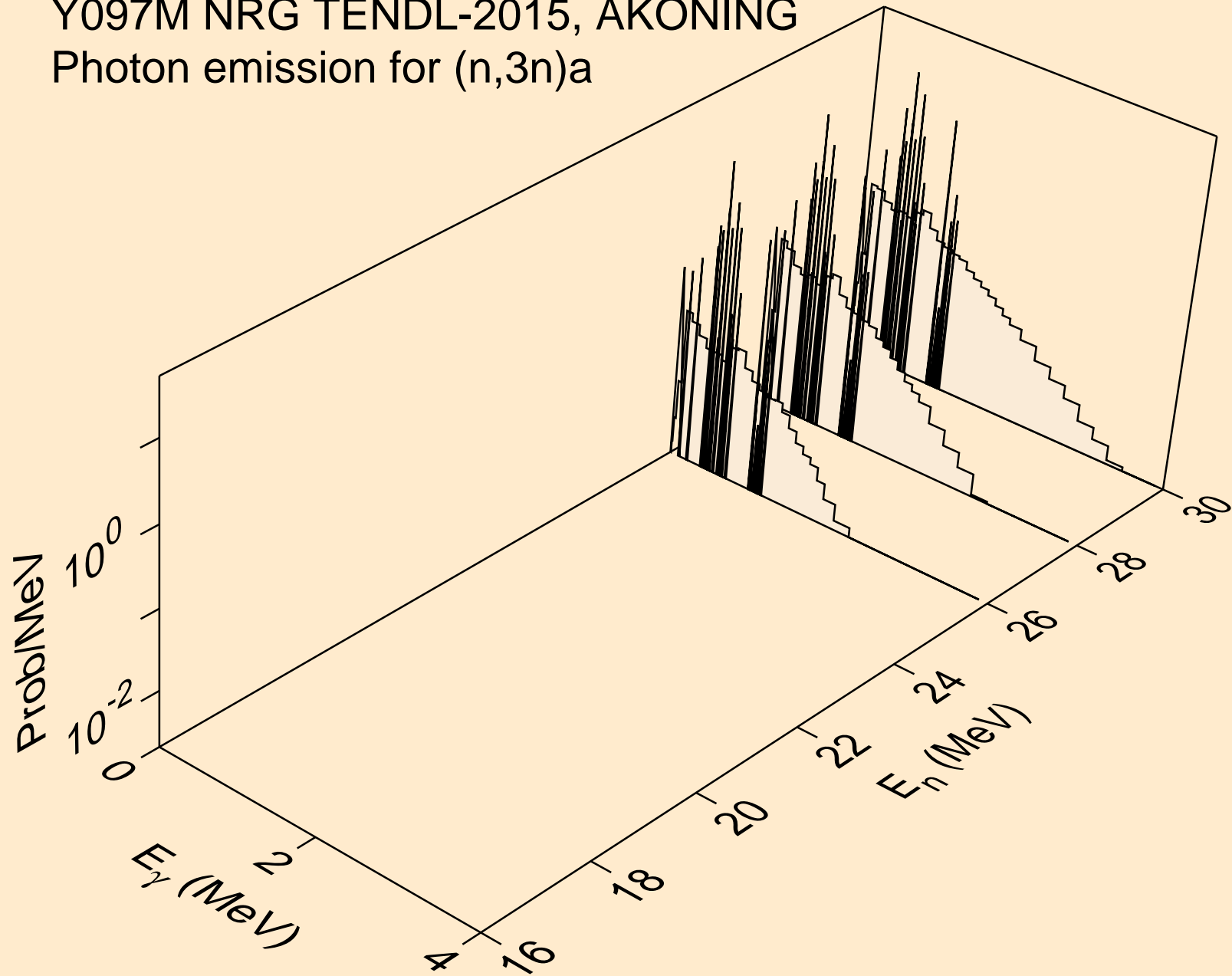




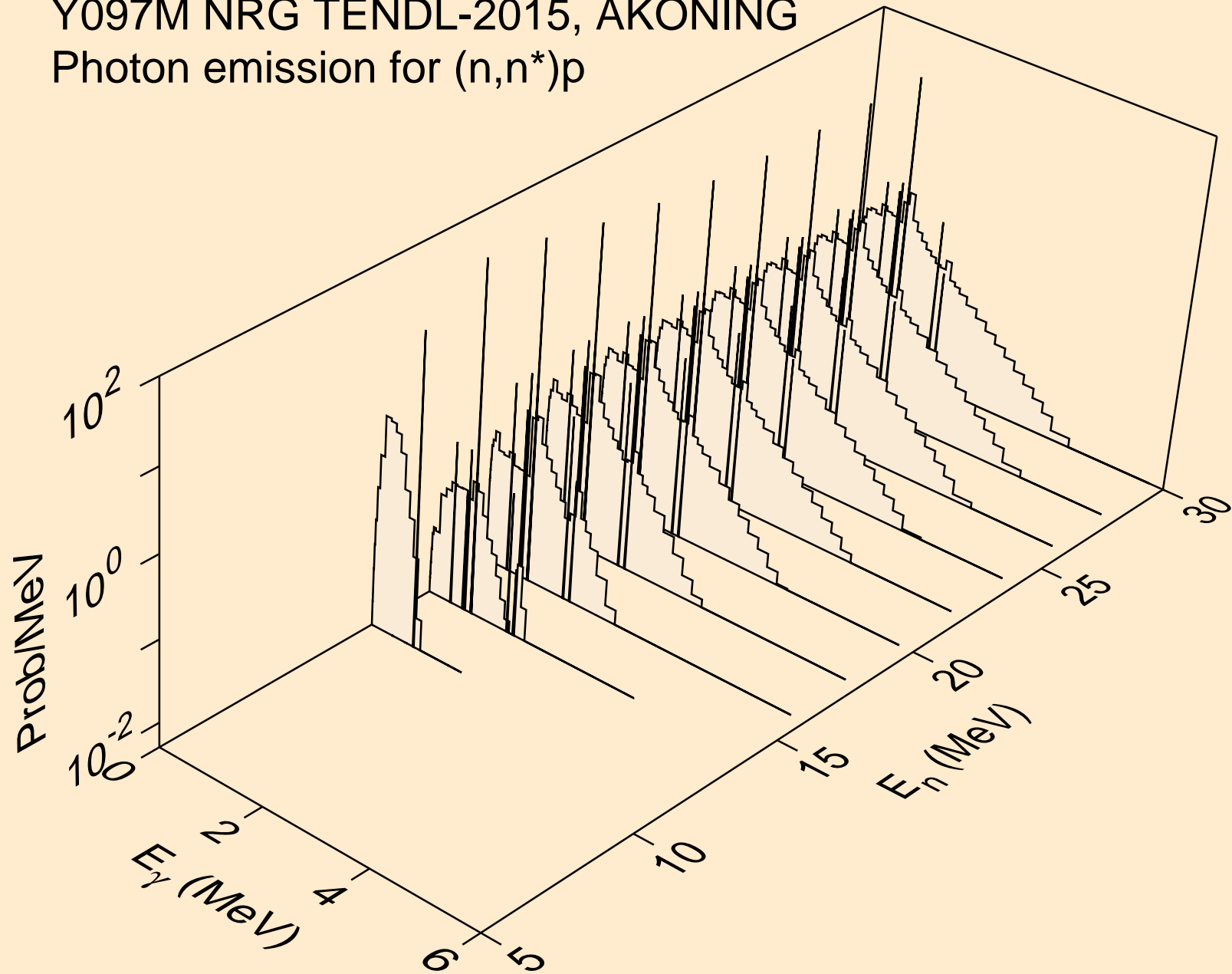
Y097M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



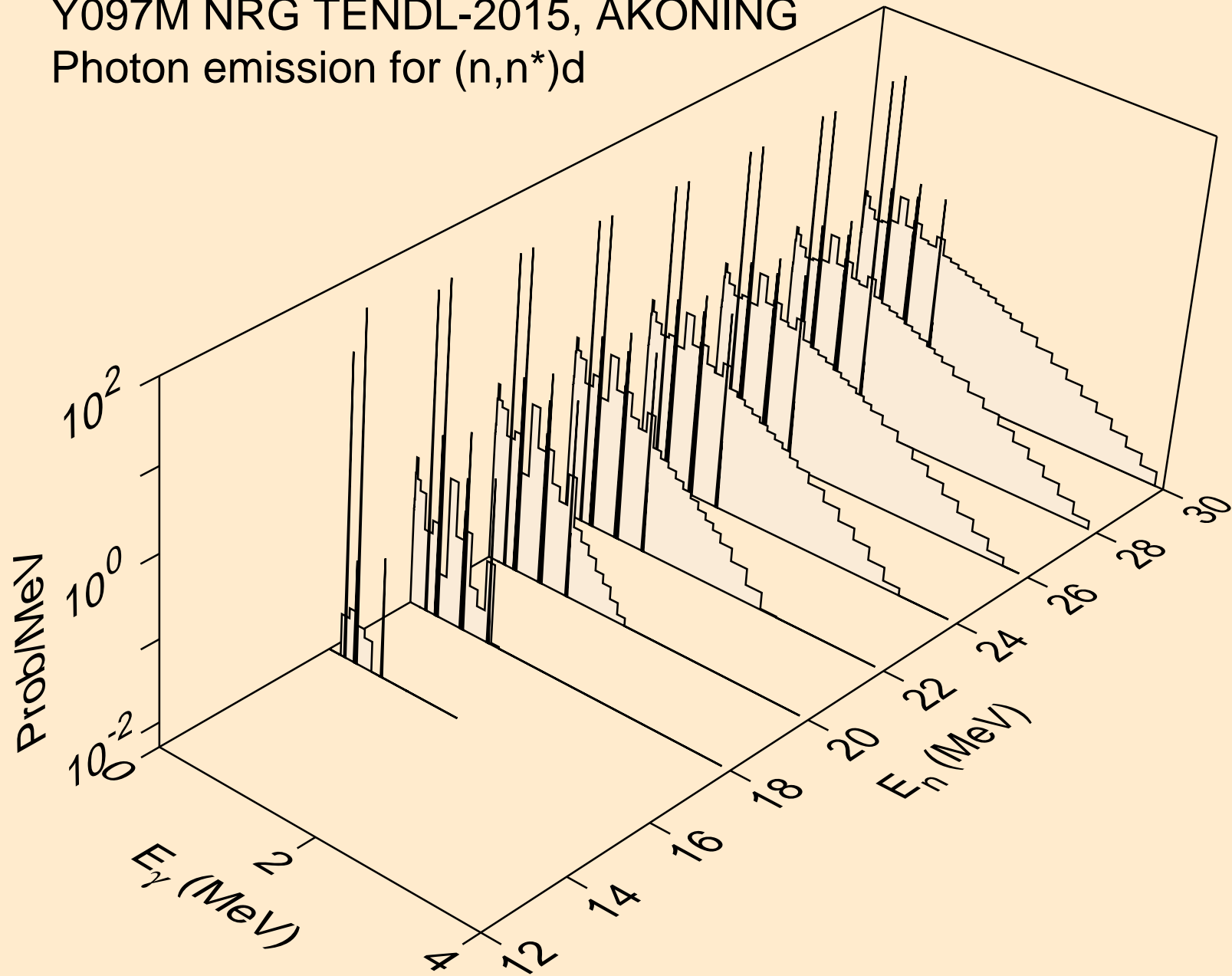
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Photon emission for (n,3n)a



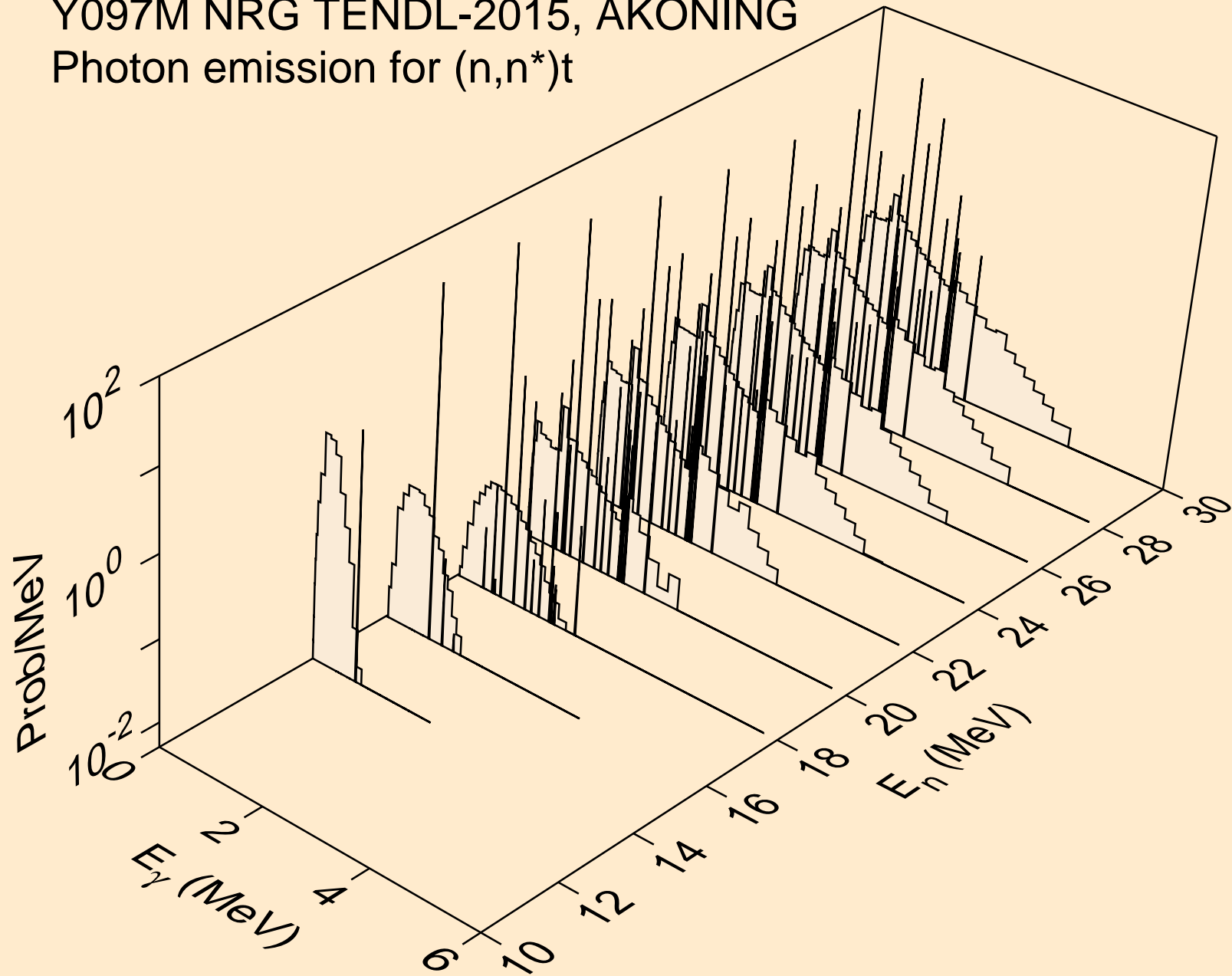
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Photon emission for (n,n\*)p



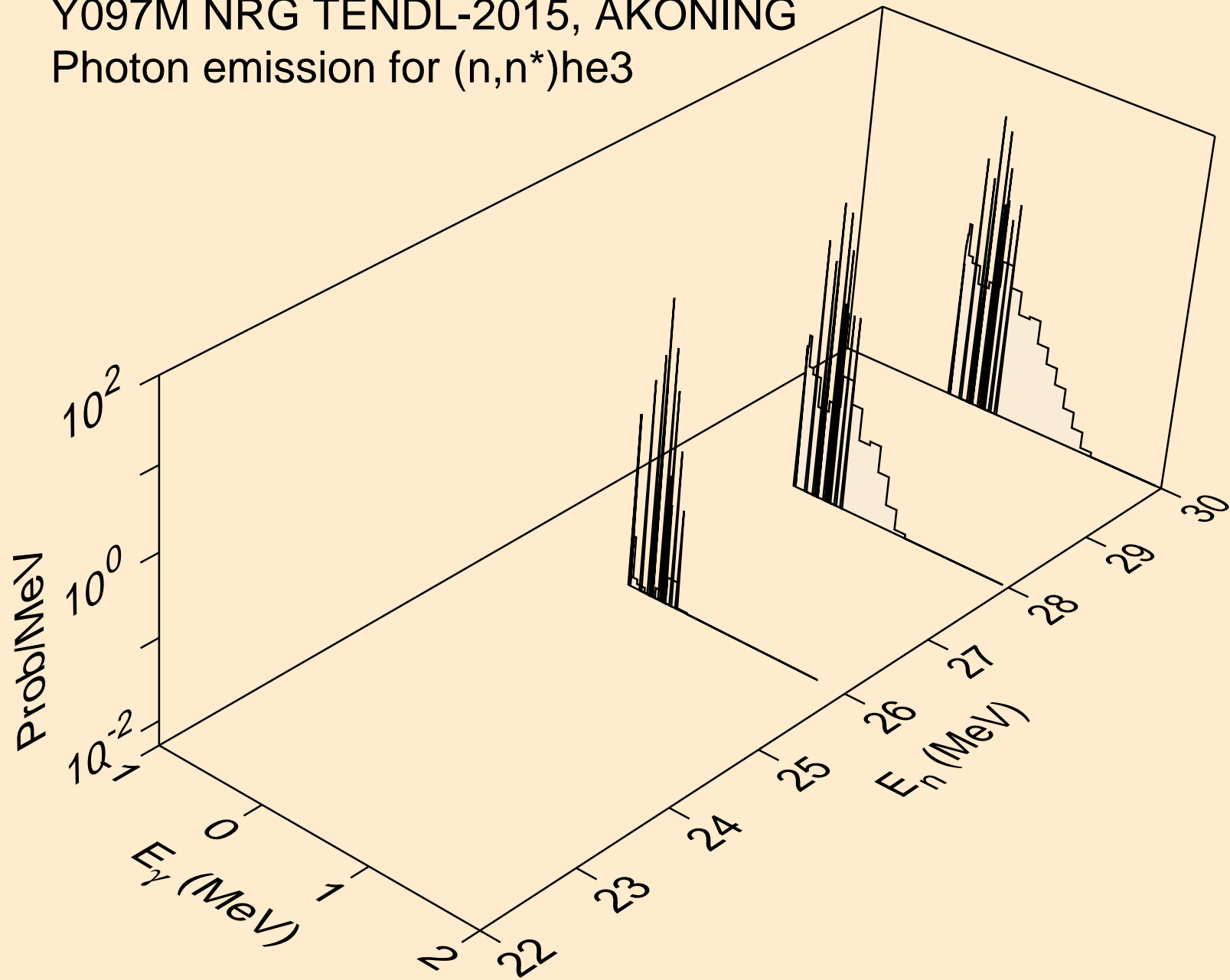
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Photon emission for (n,n\*)d



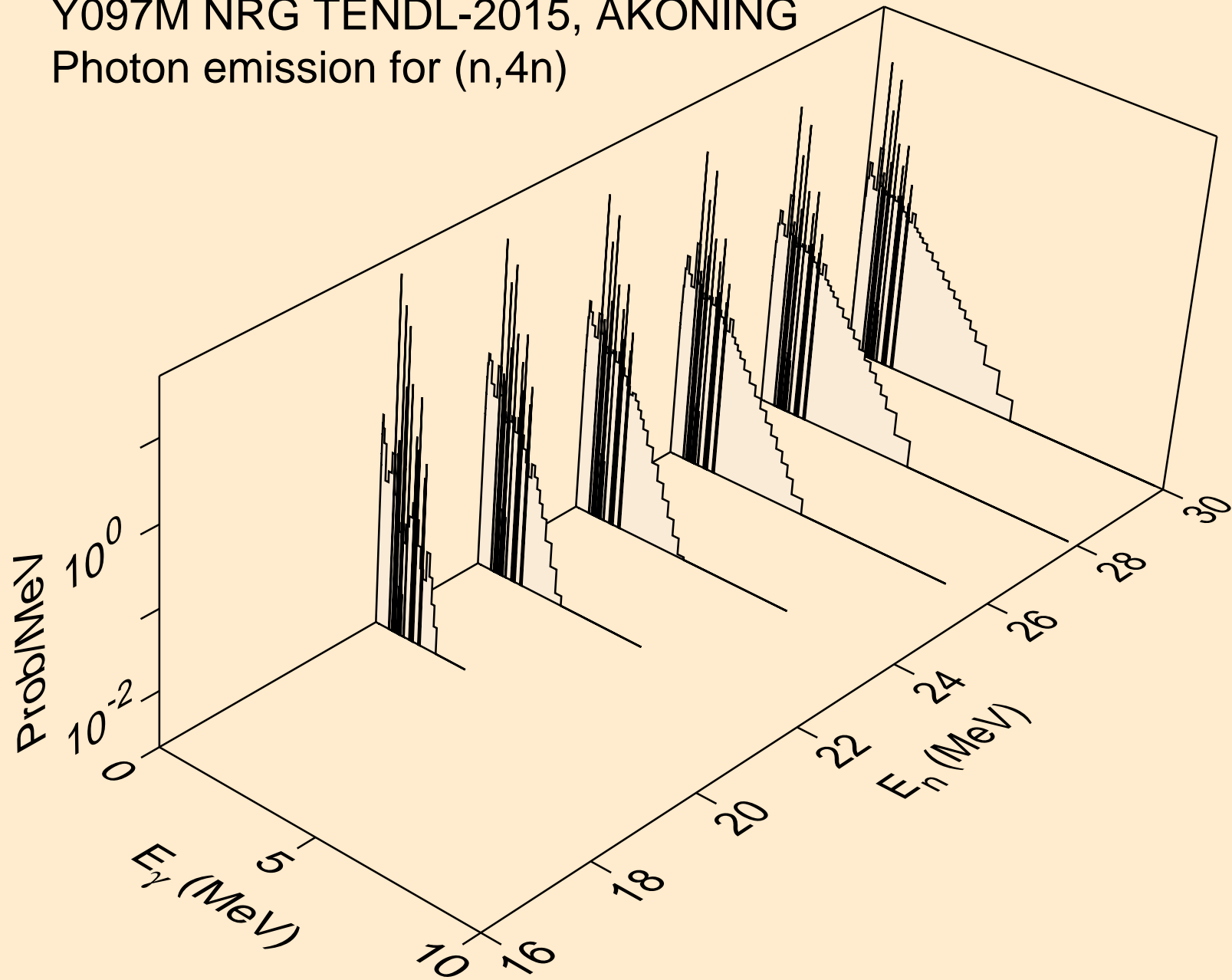
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Photon emission for (n,n\*)t



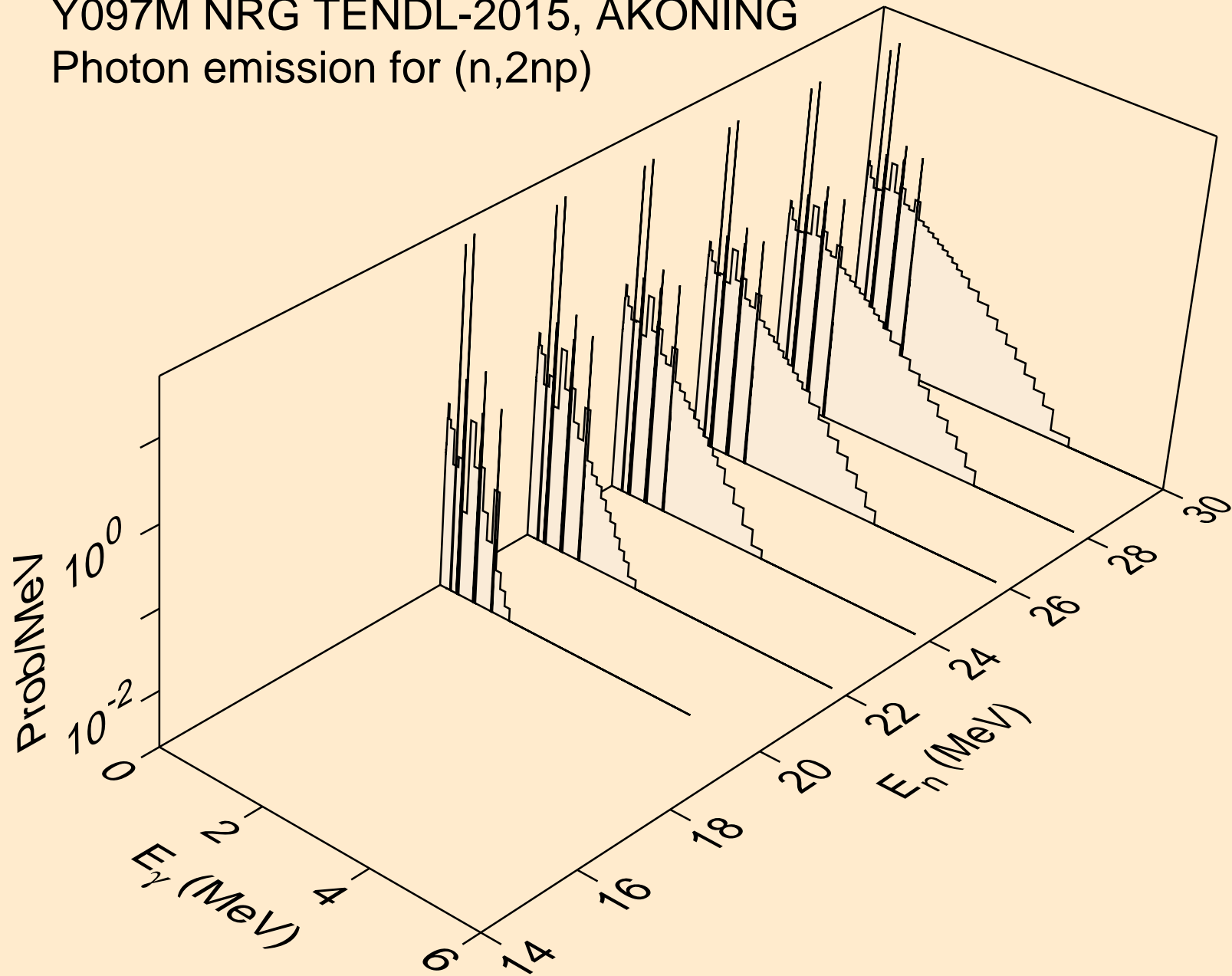
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Photon emission for (n,n\*)he3



Y097M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

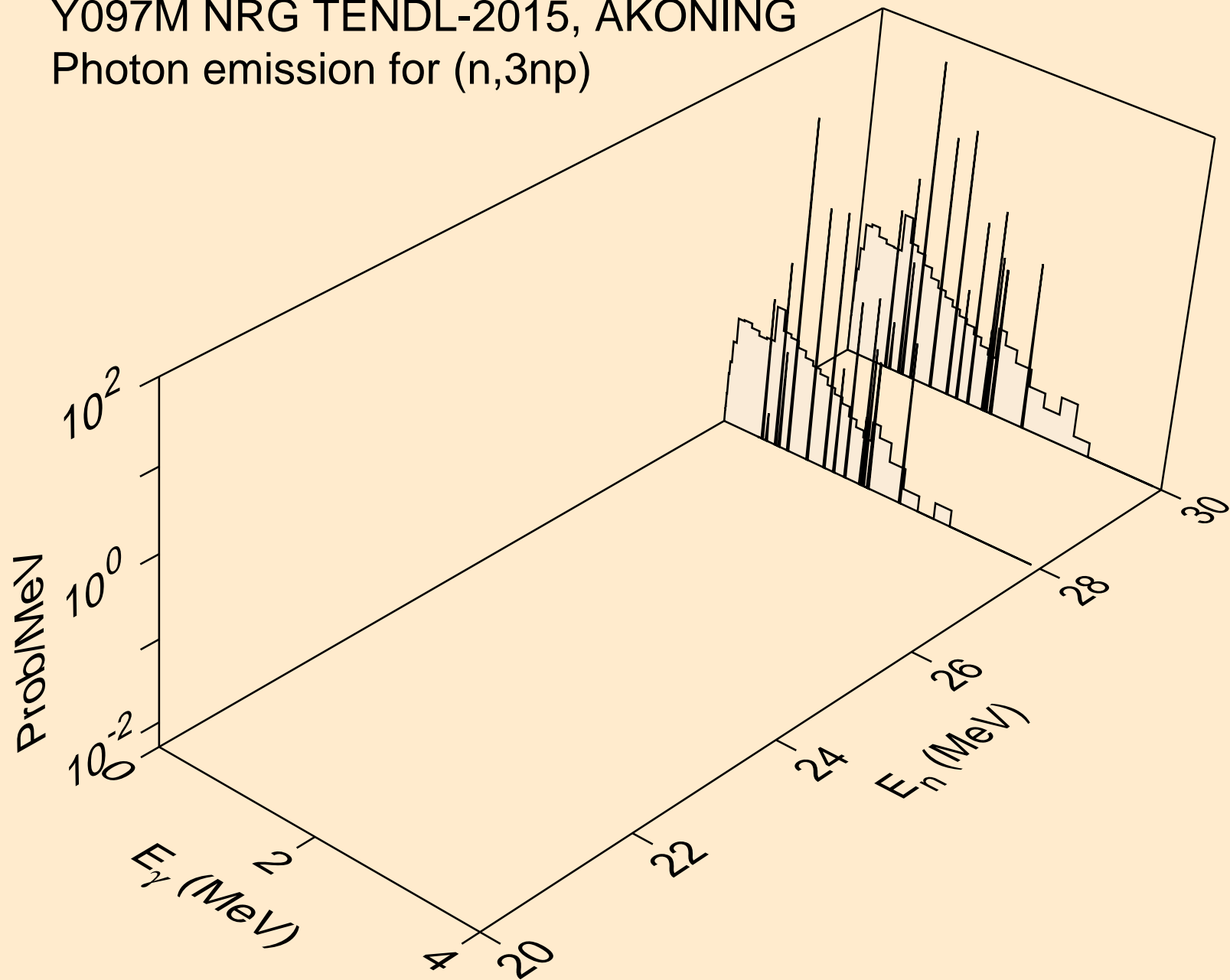


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Photon emission for (n,2np)

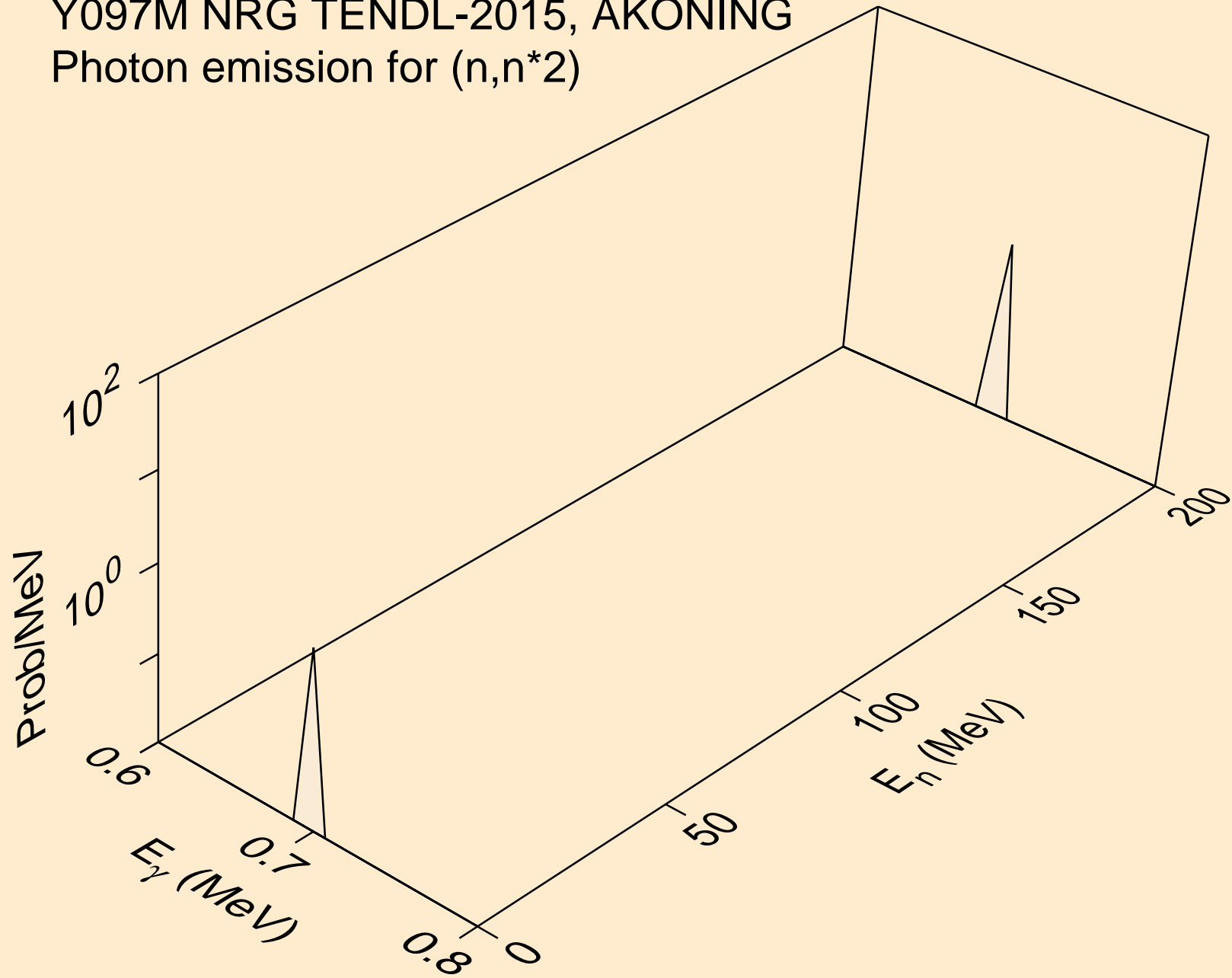




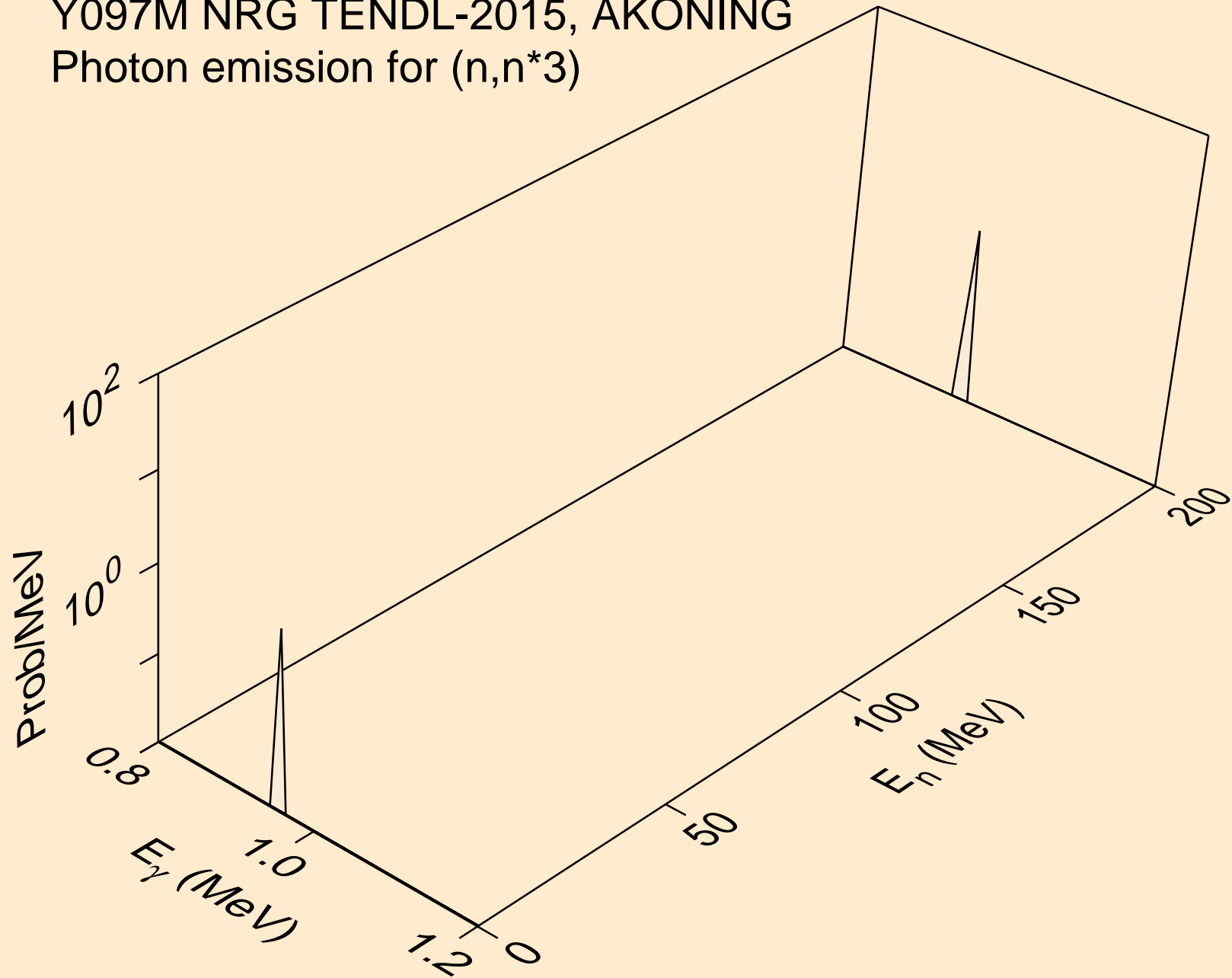
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Photon emission for (n,3np)



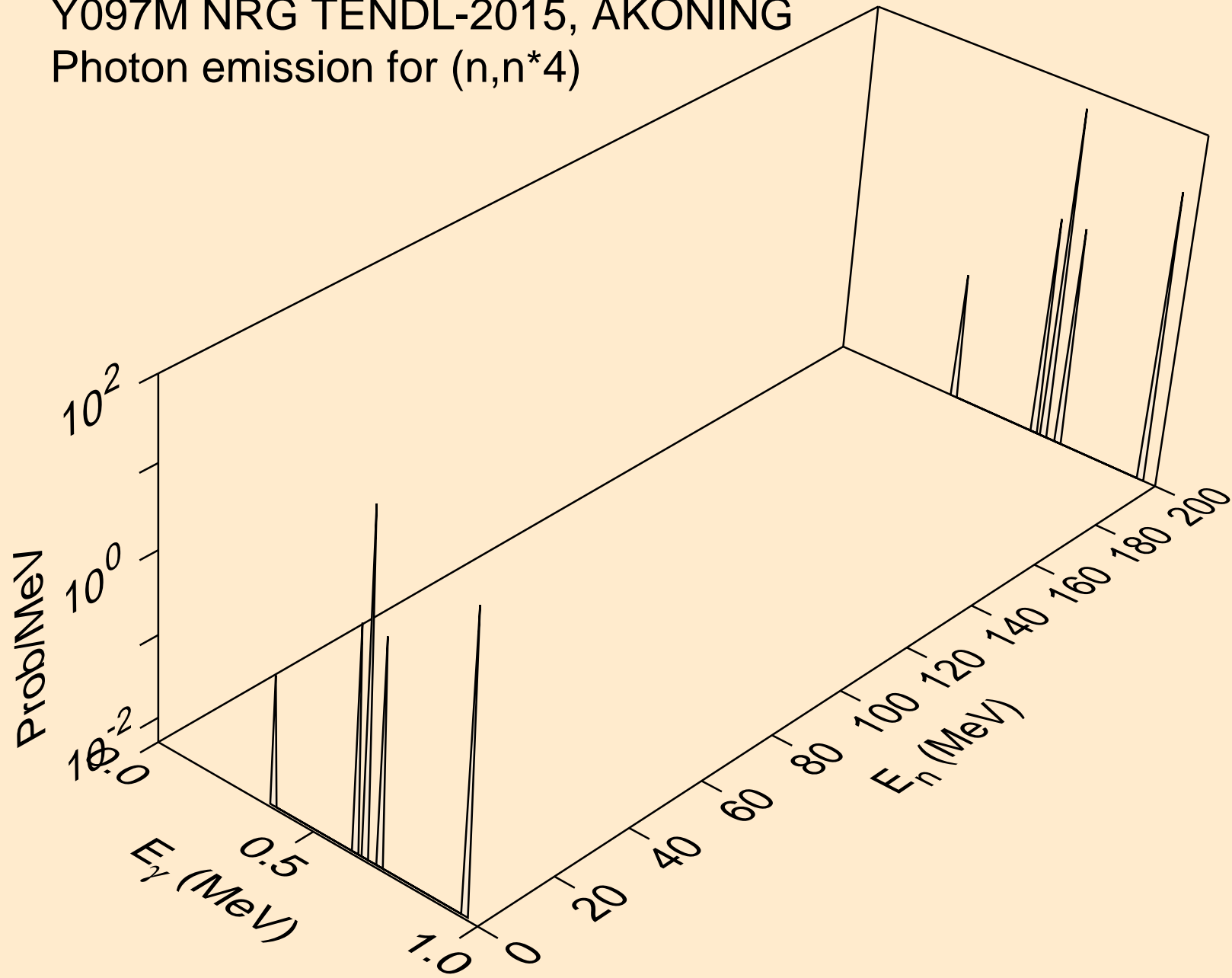
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Photon emission for (n,n\*2)



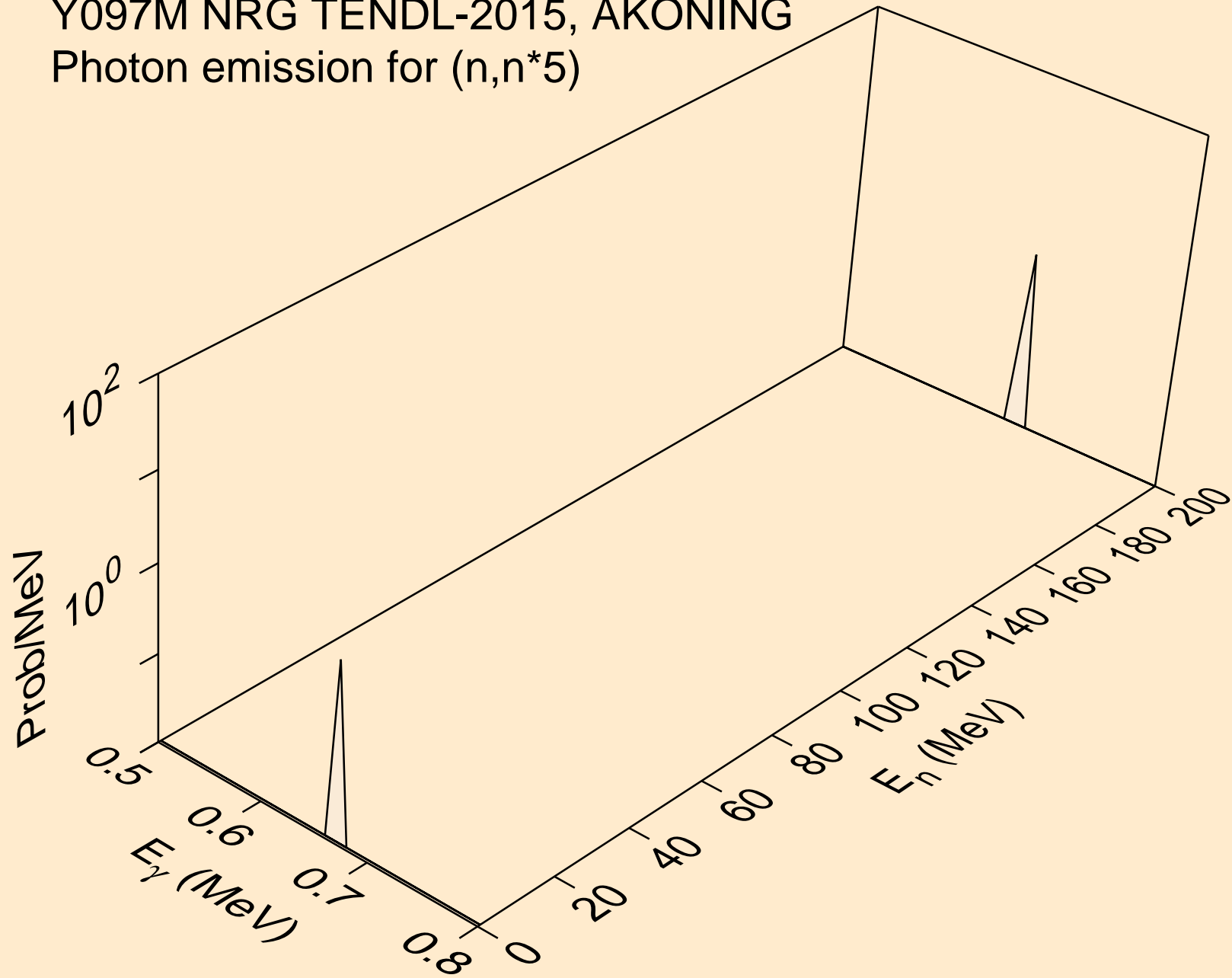
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Photon emission for (n,n\*3)



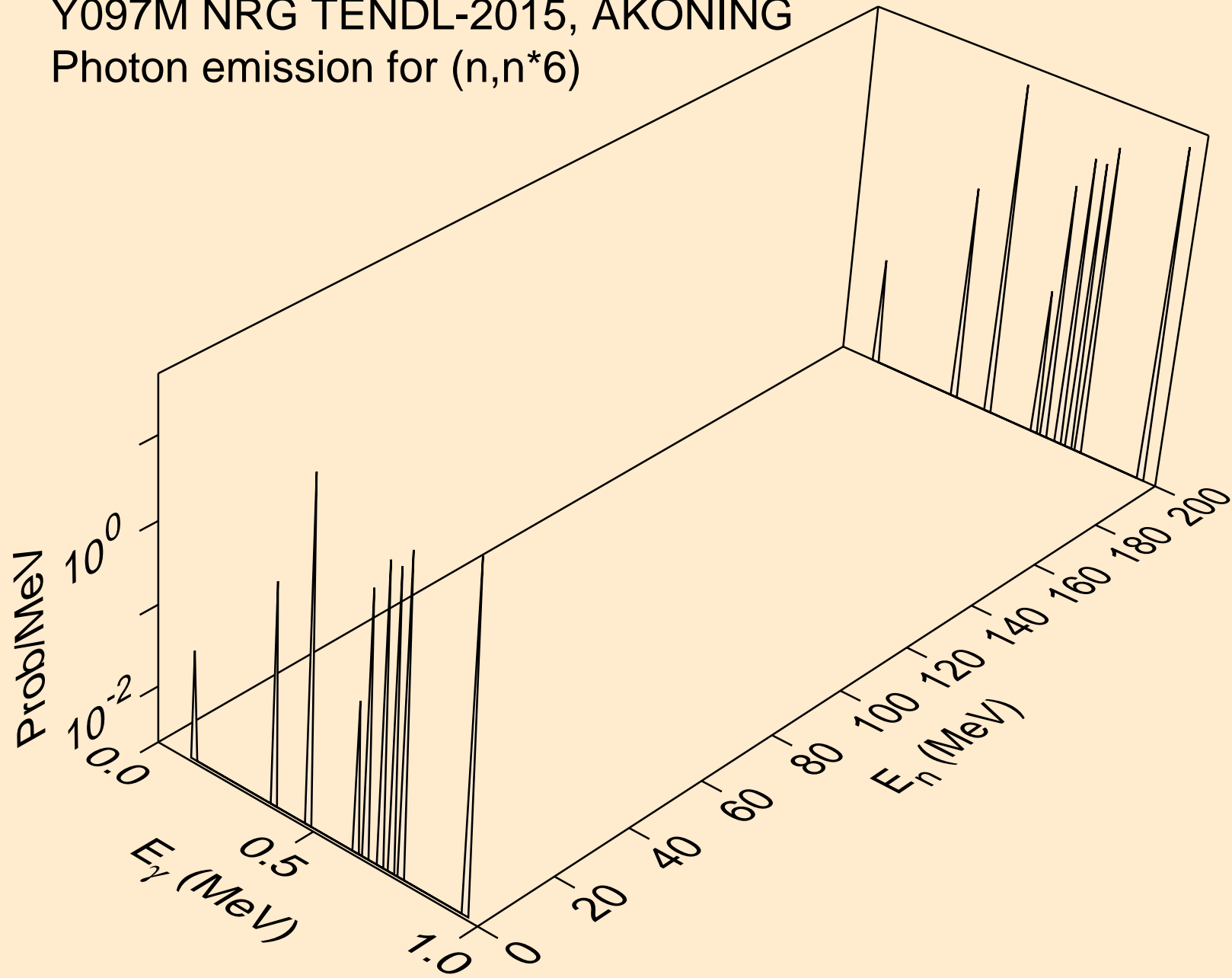
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Photon emission for (n,n\*4)



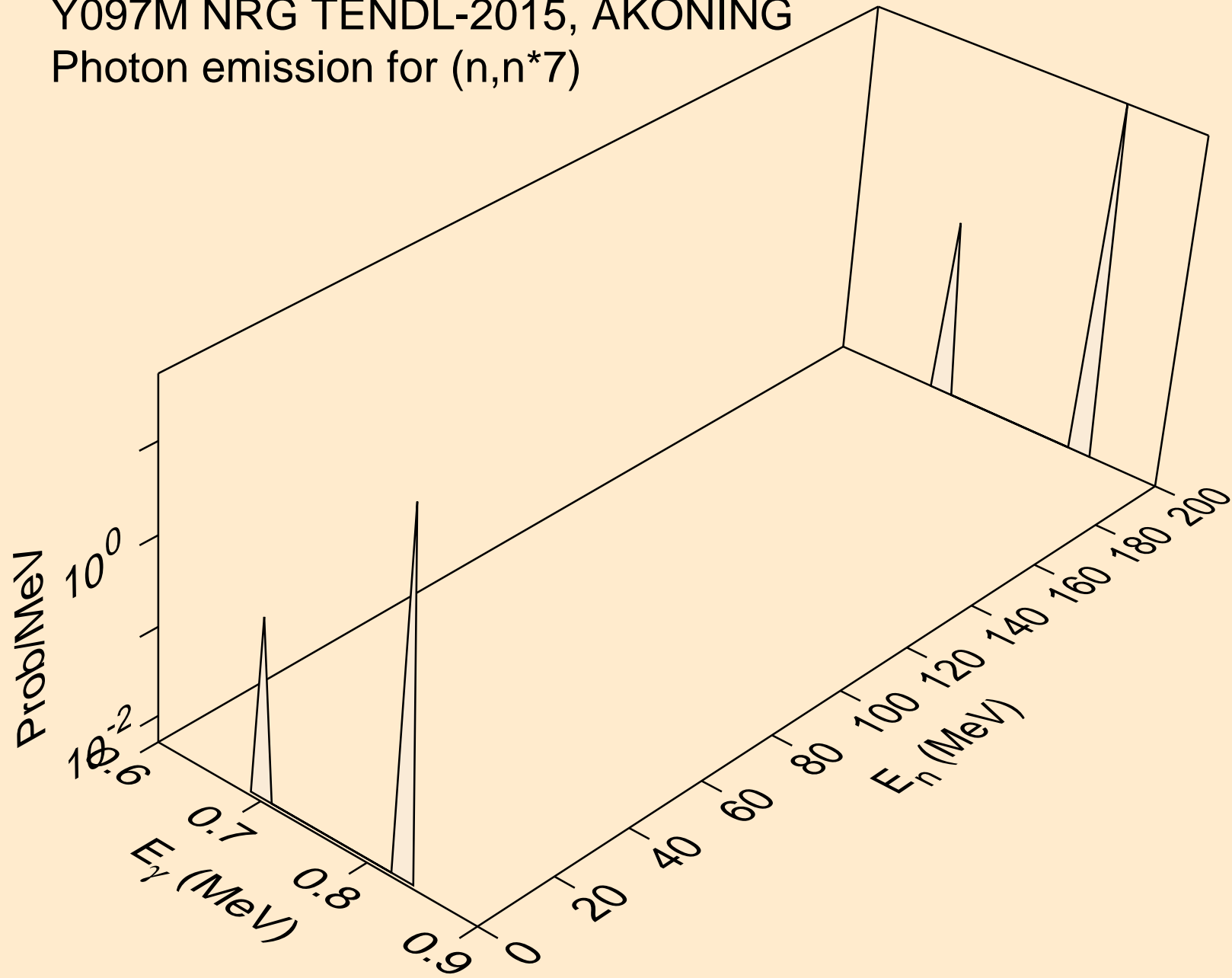
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Photon emission for (n,n\*5)



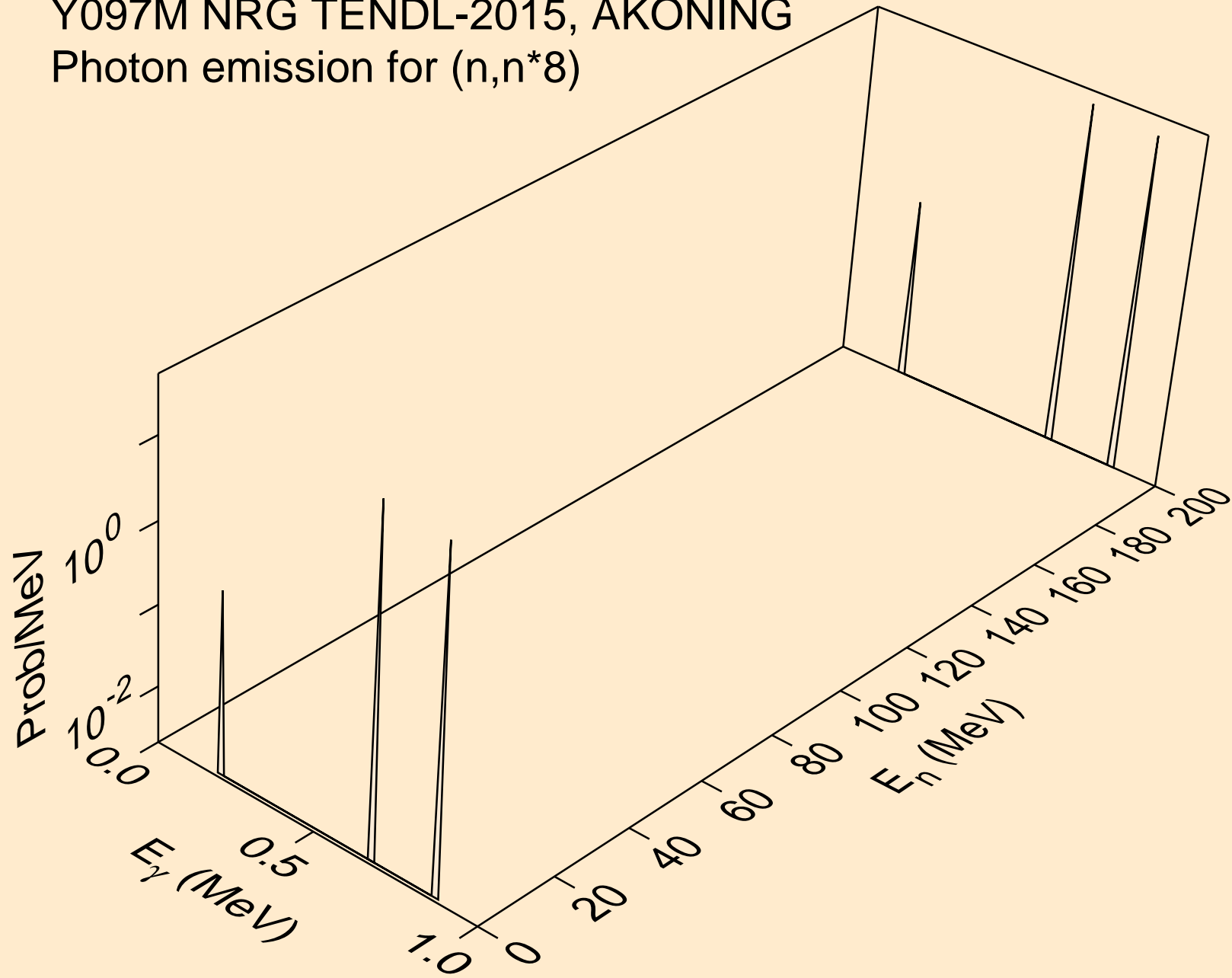
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Photon emission for (n,n\*6)



Y097M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)

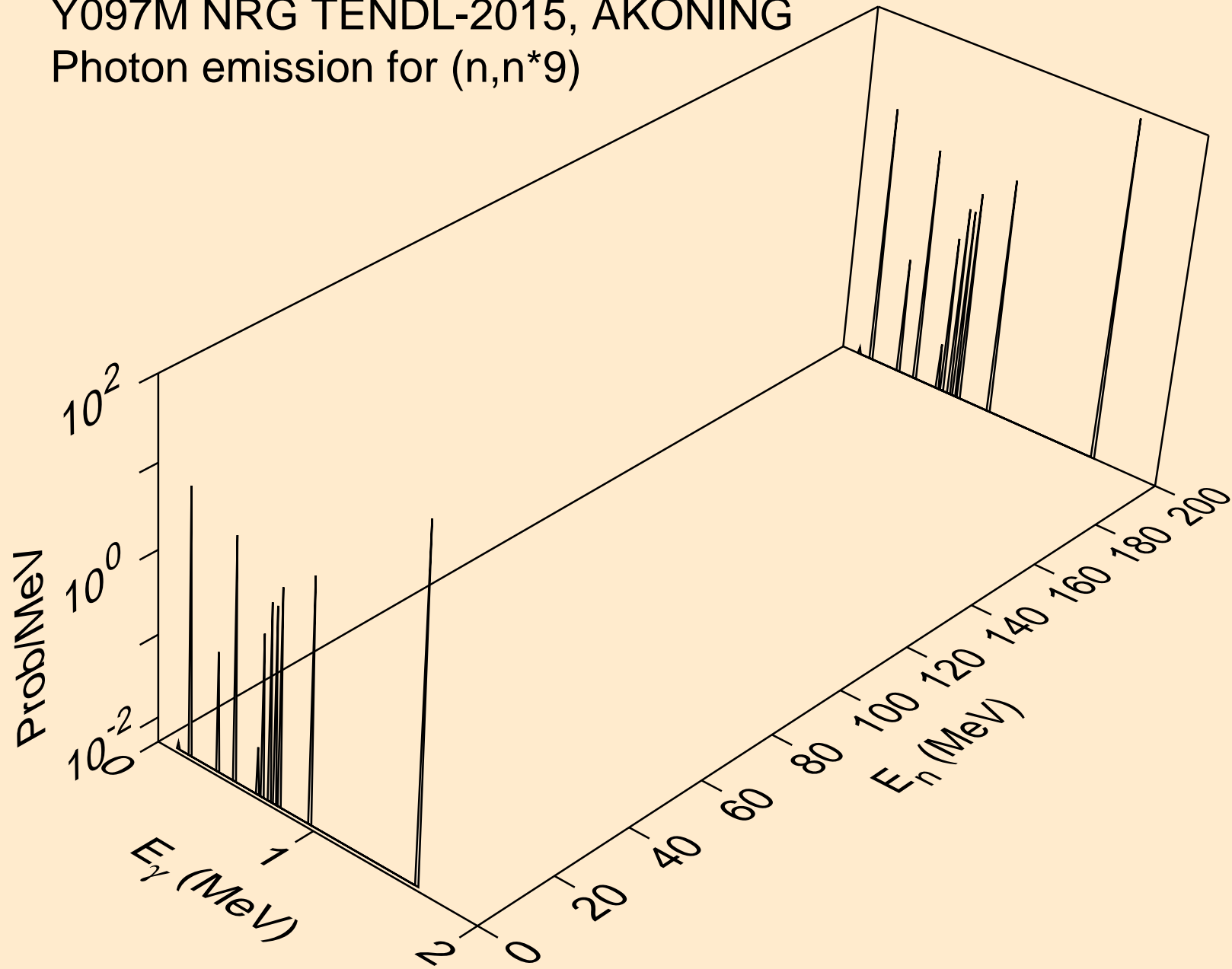


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Photon emission for (n,n\*8)

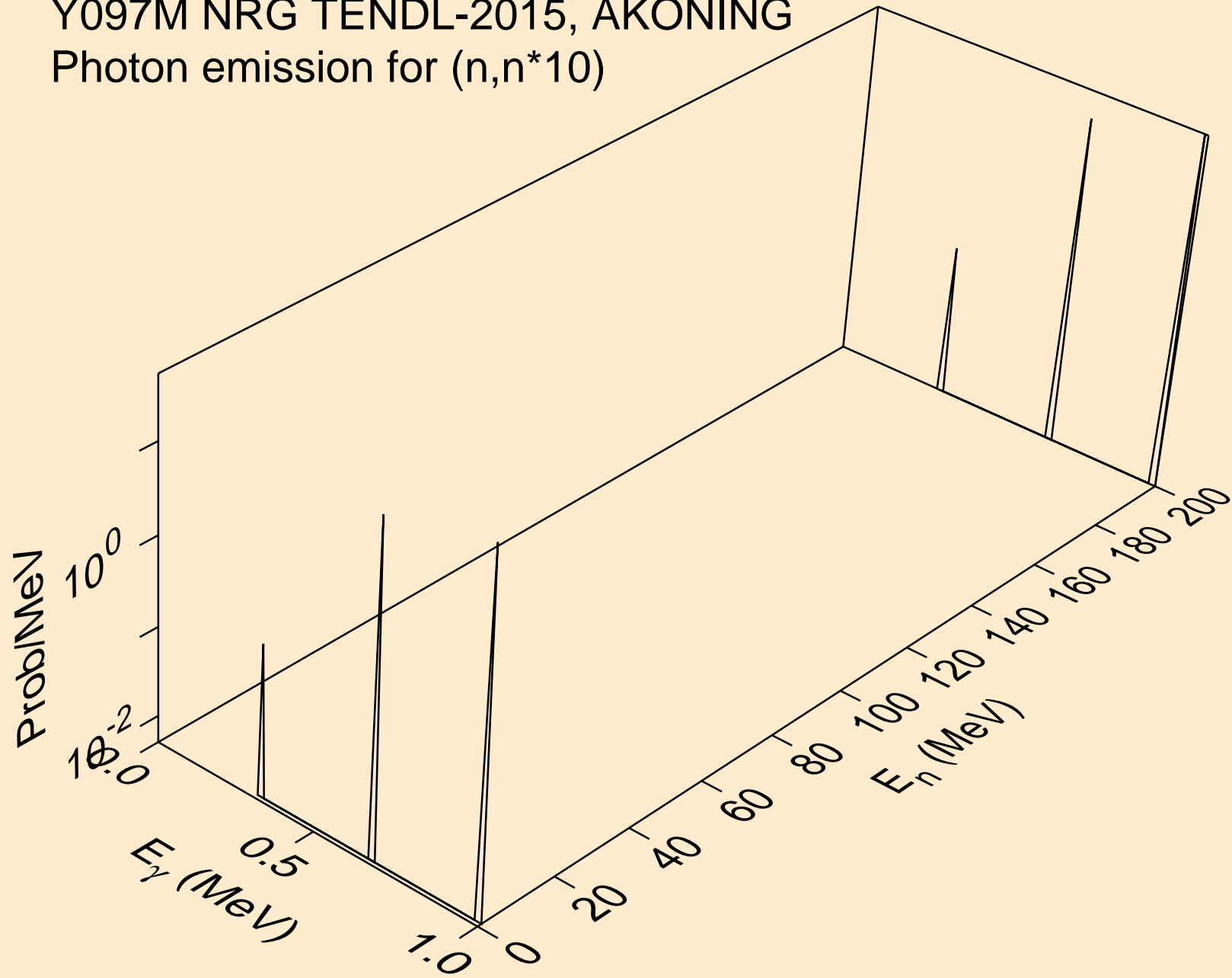




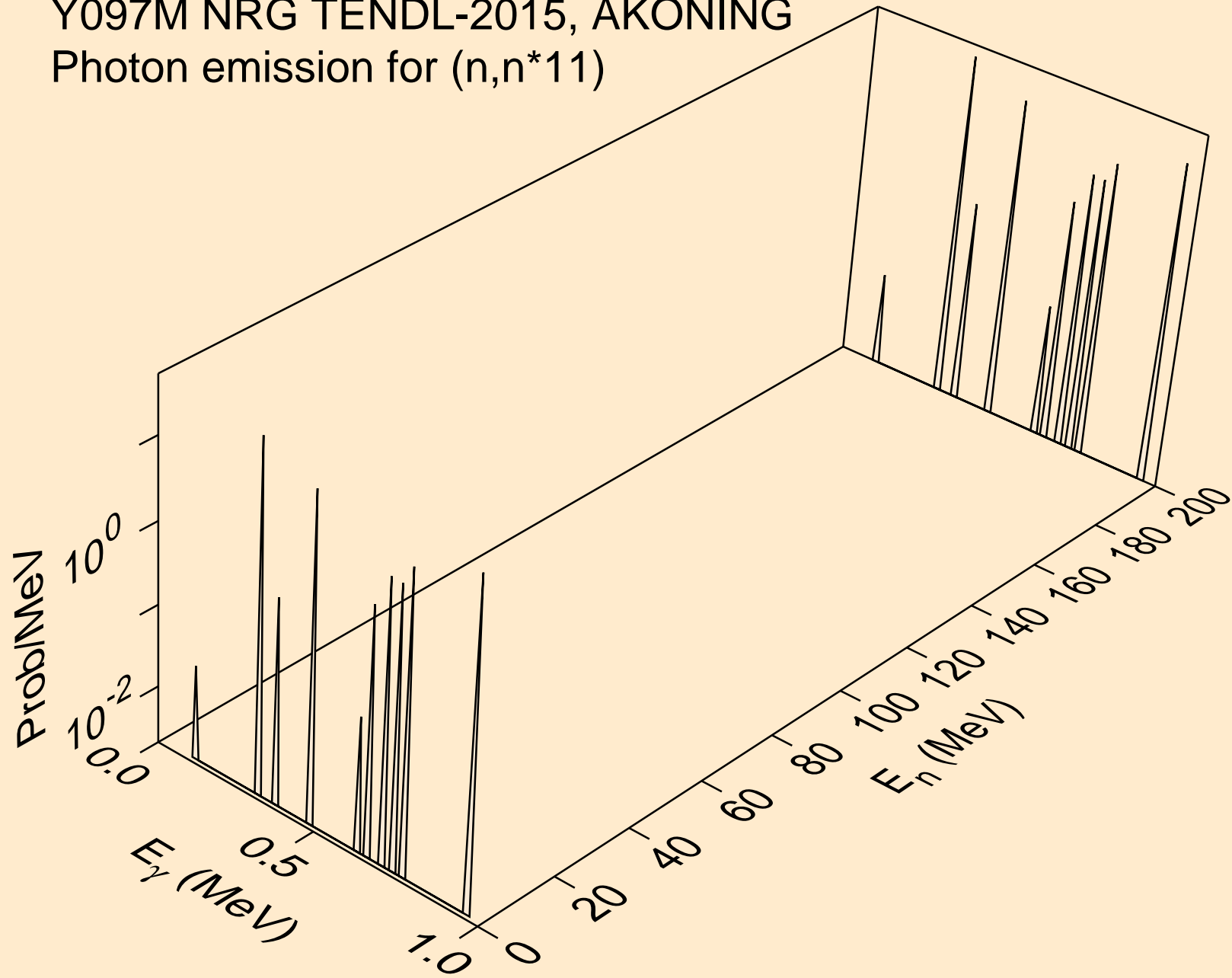
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Photon emission for (n,n\*9)



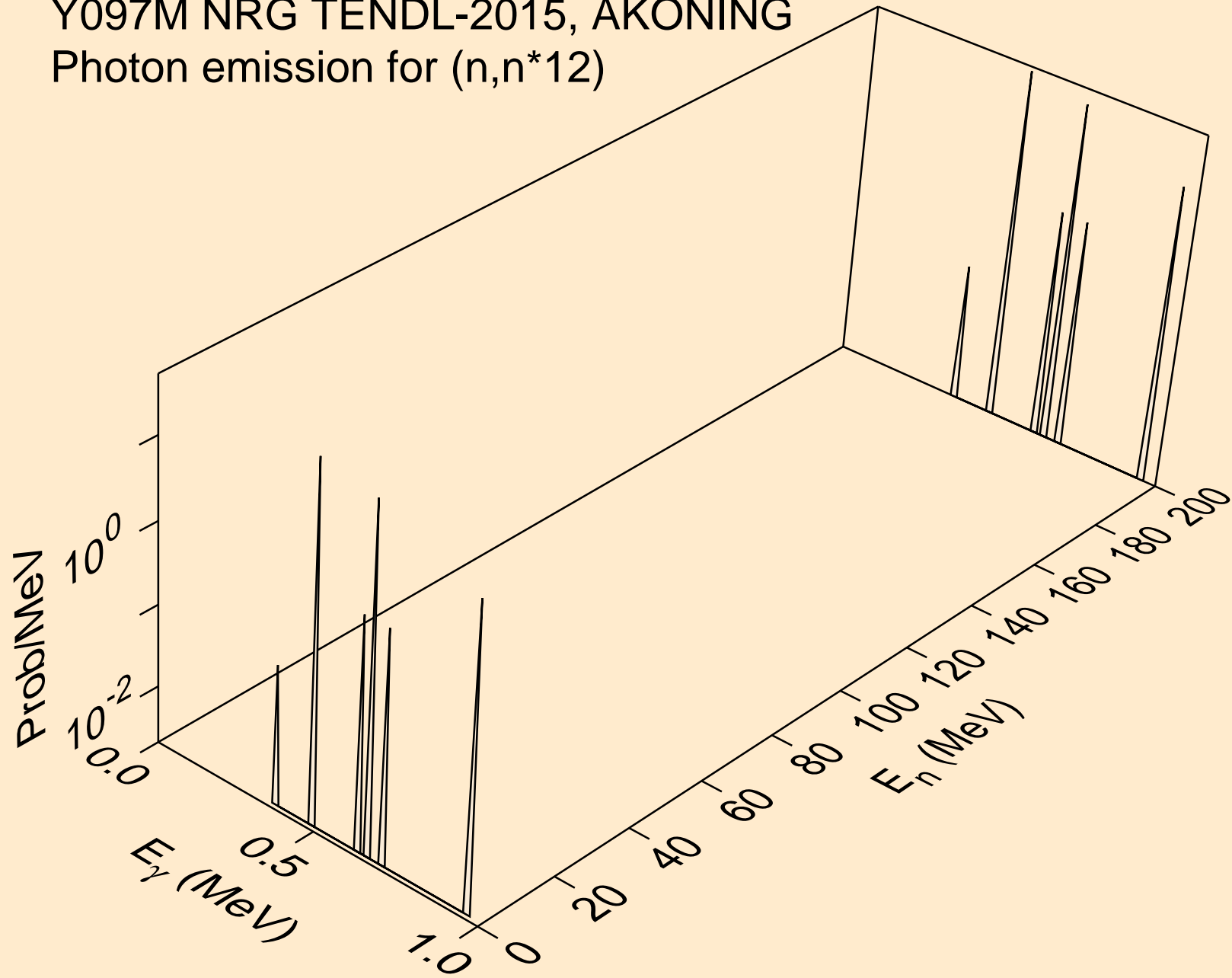
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Photon emission for (n,n\*10)



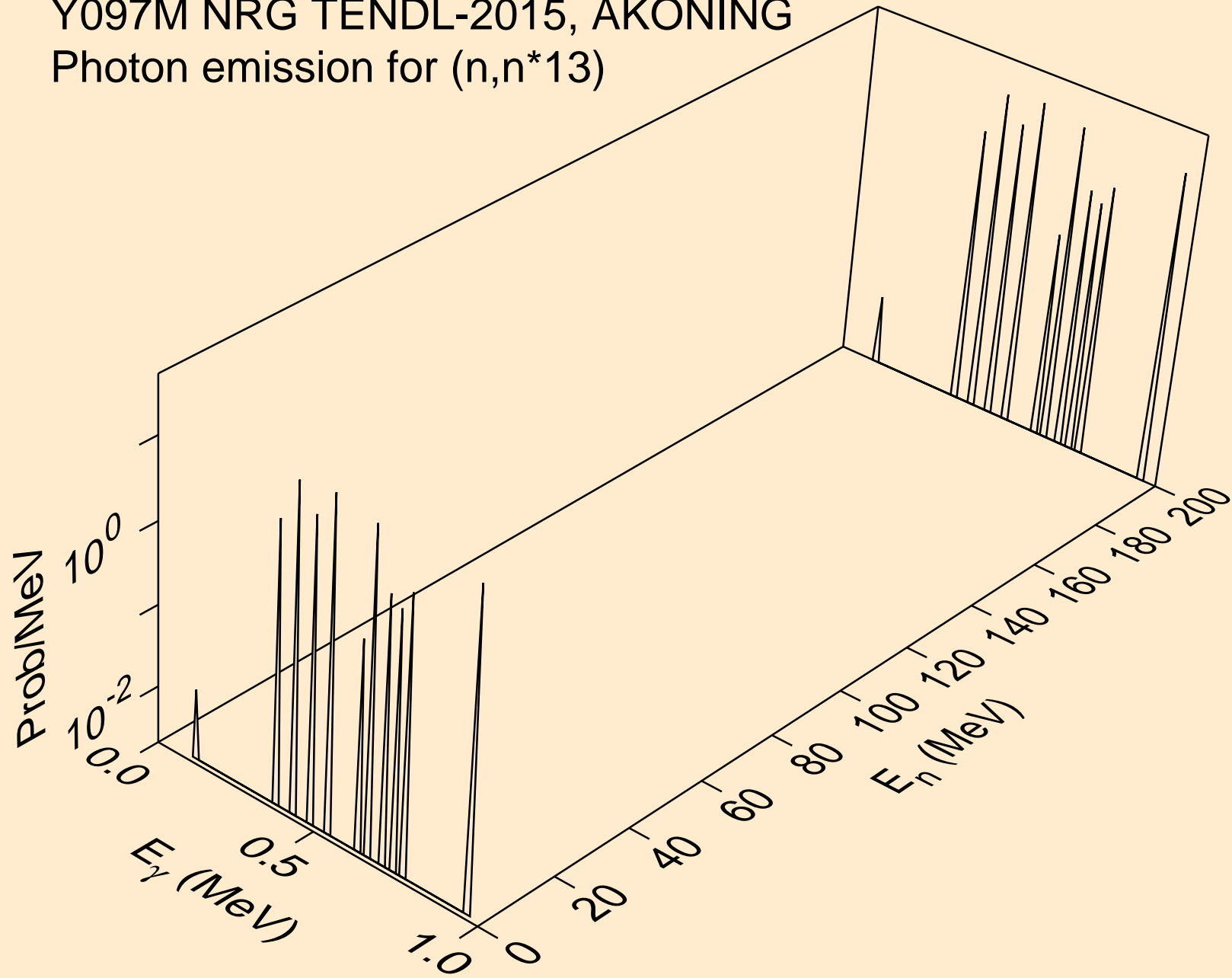
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Photon emission for (n,n\*11)



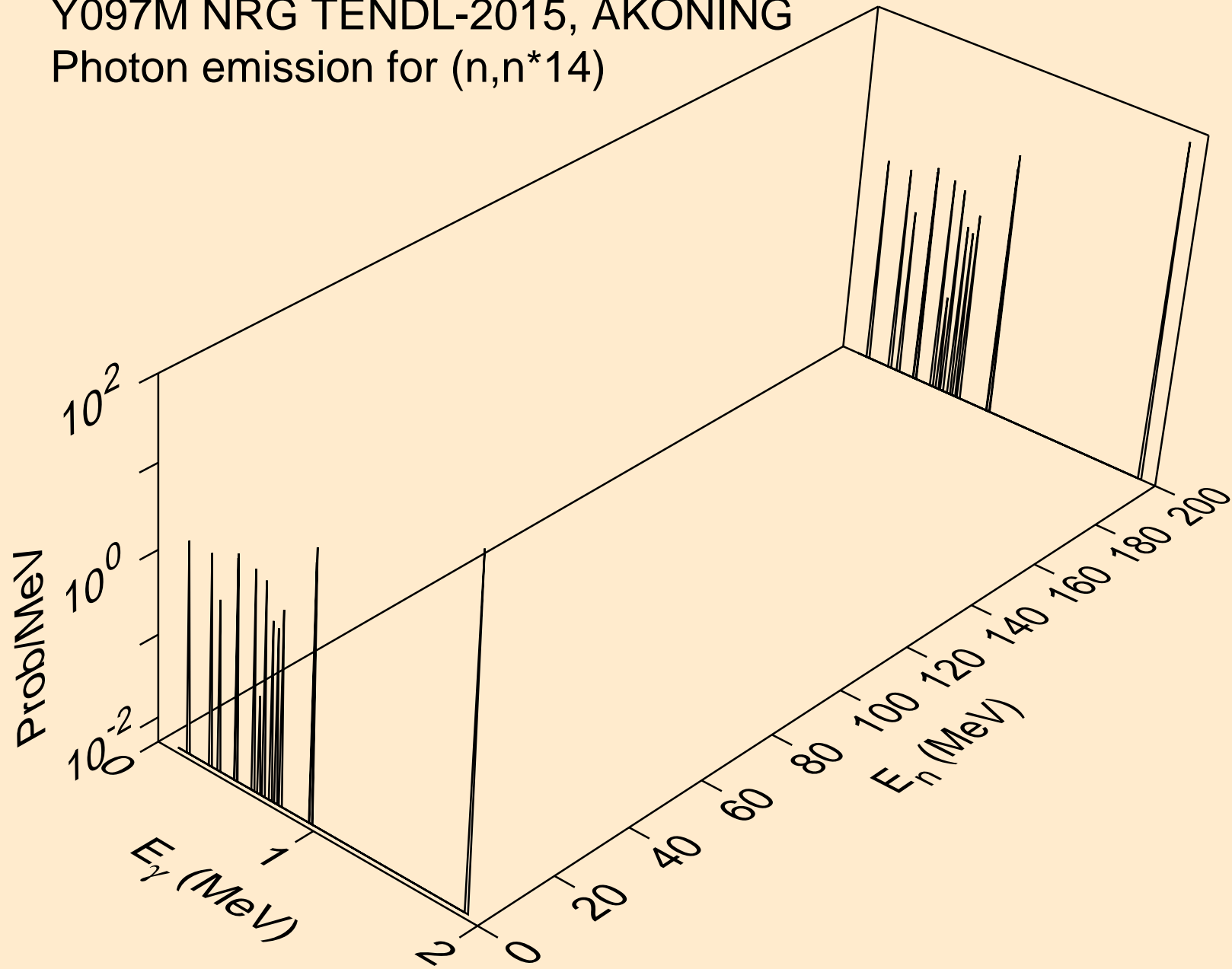
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Photon emission for (n,n\*12)



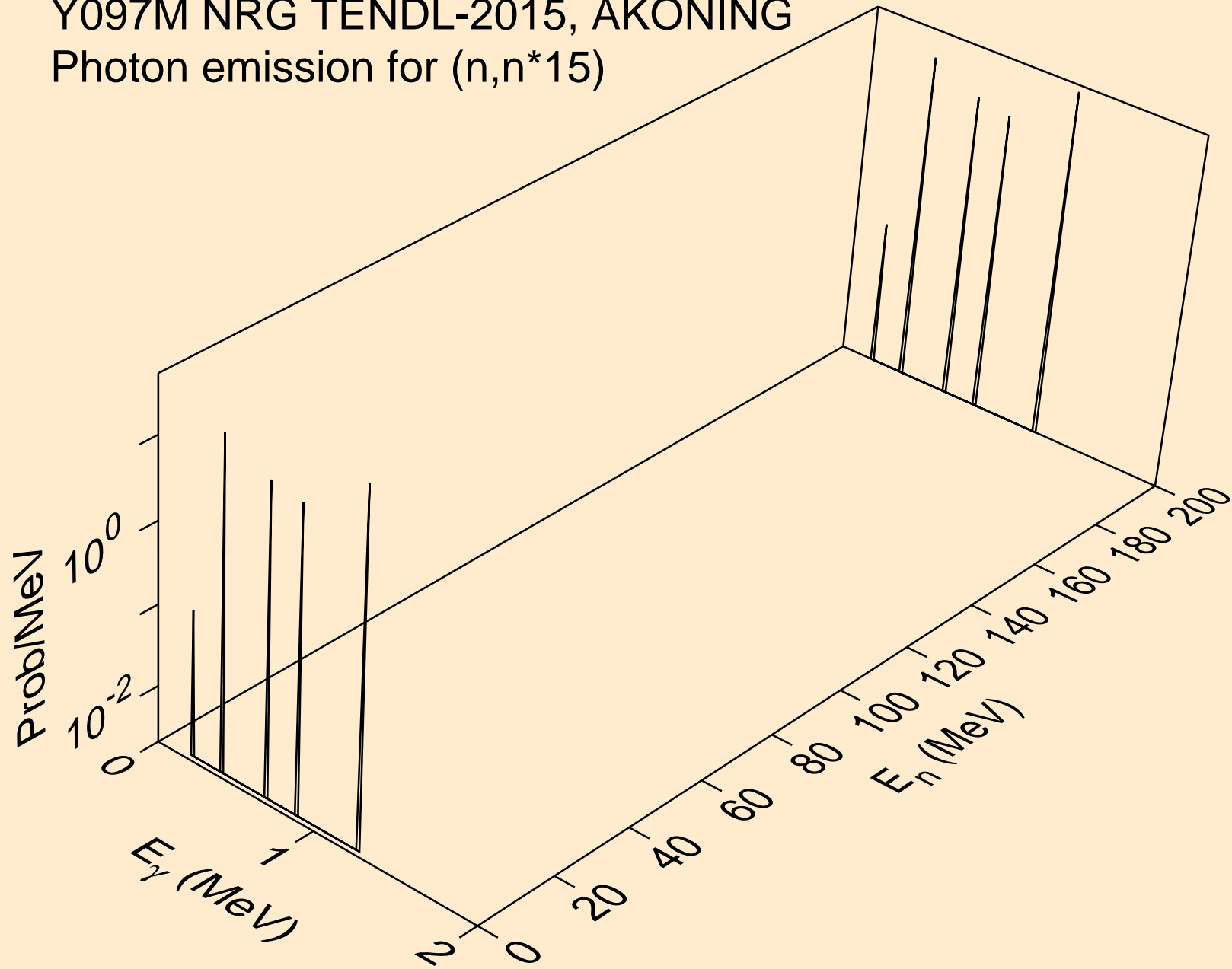
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Photon emission for (n,n\*13)



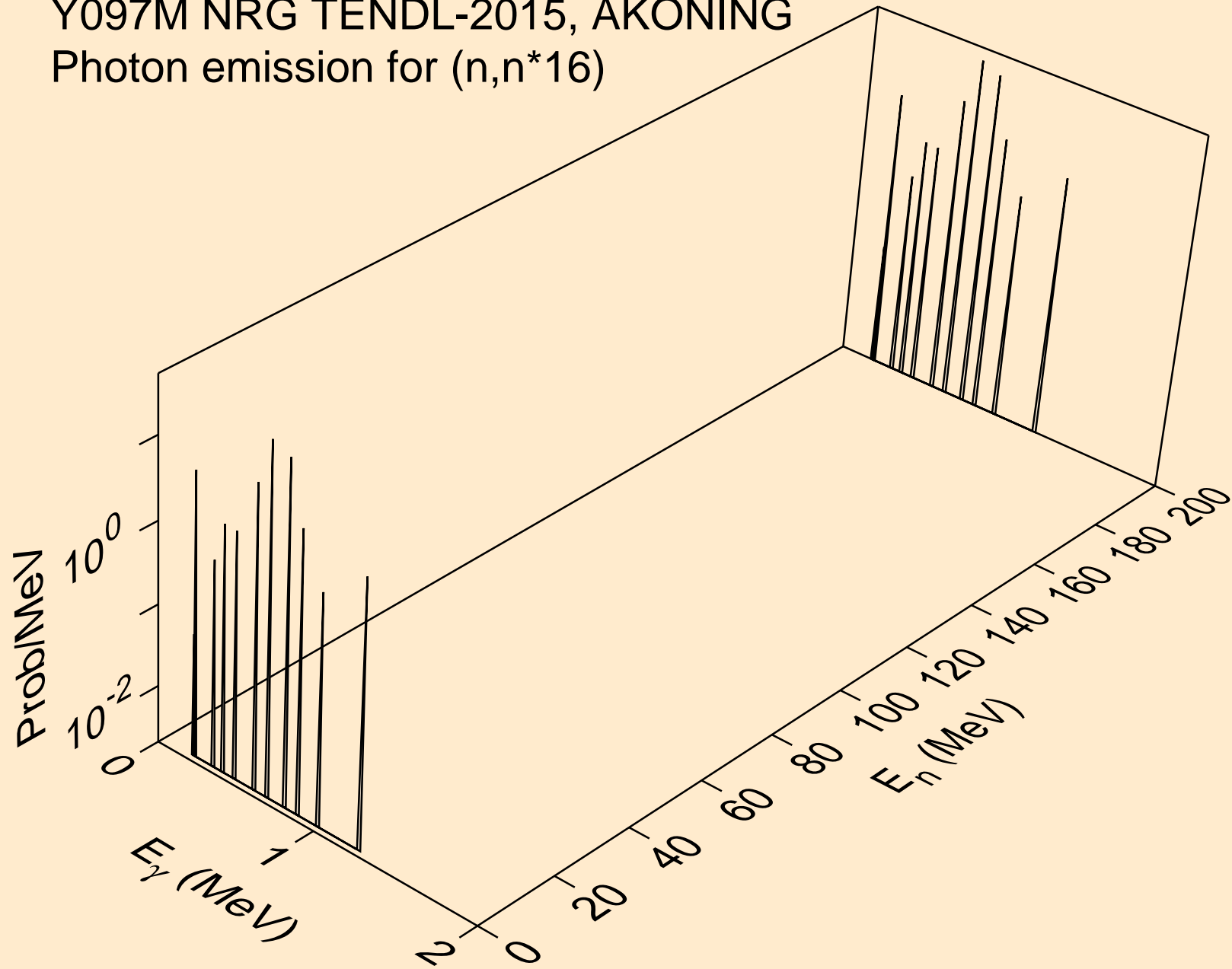
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Photon emission for (n,n\*14)



Y097M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)

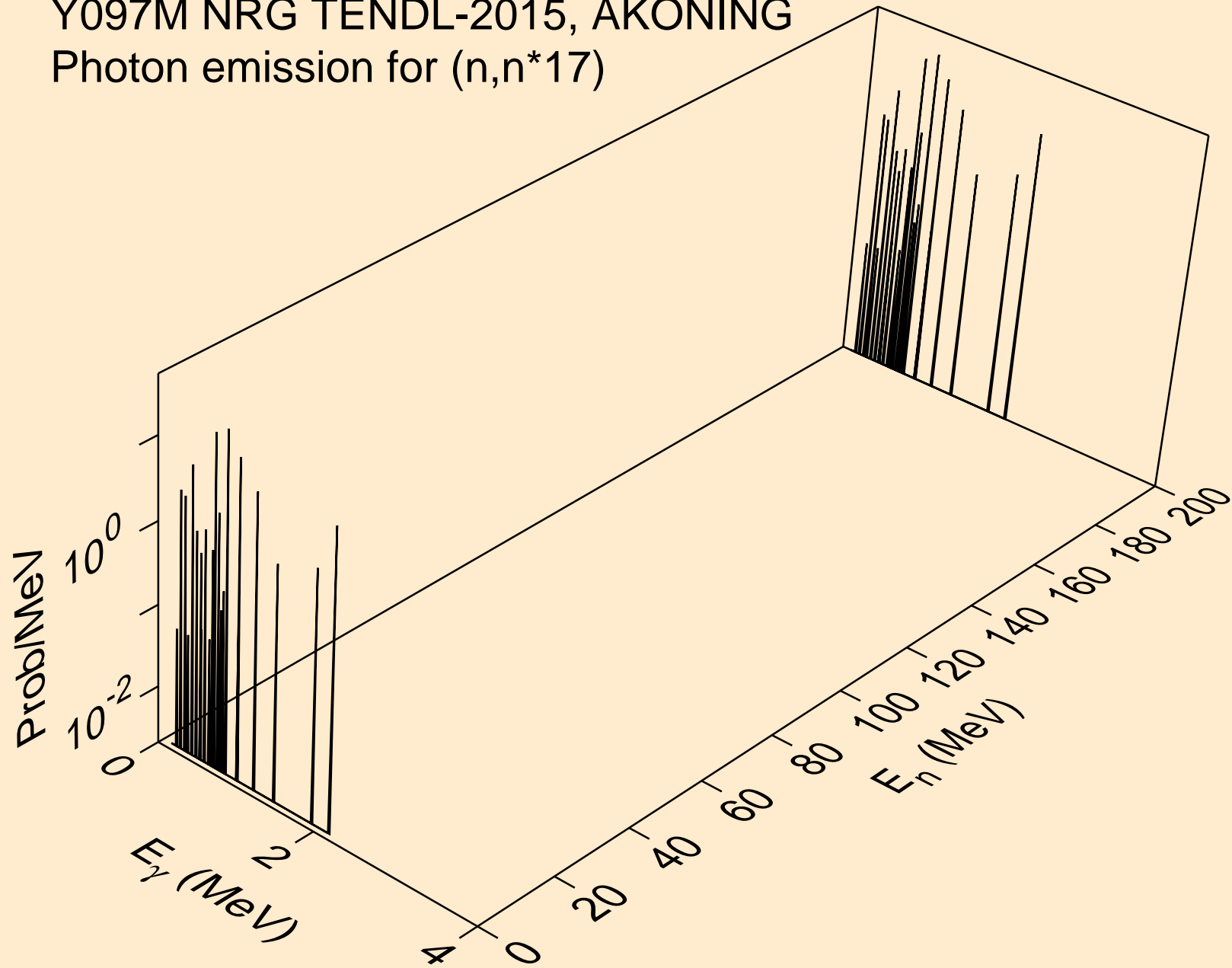


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Photon emission for (n,n\*16)

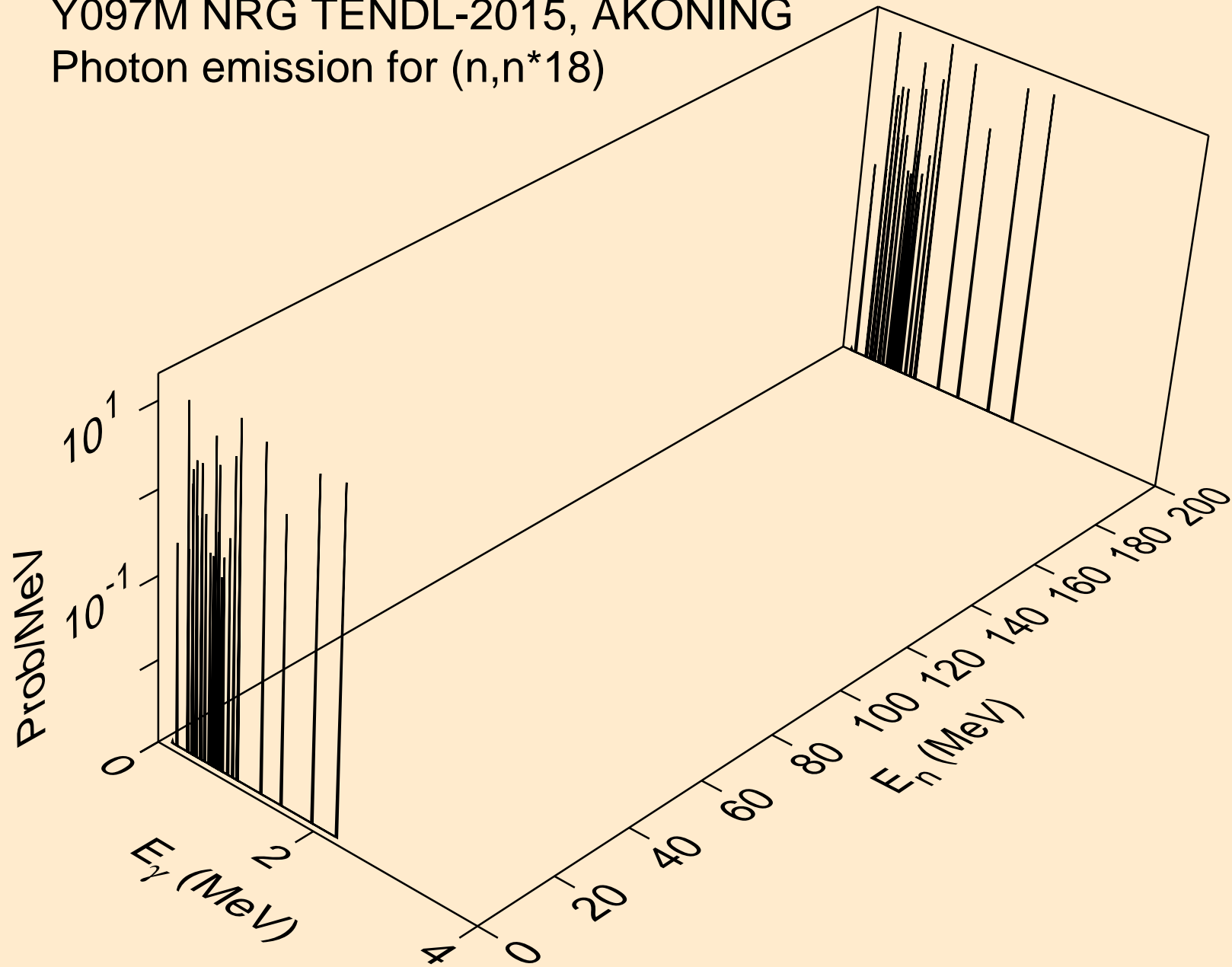




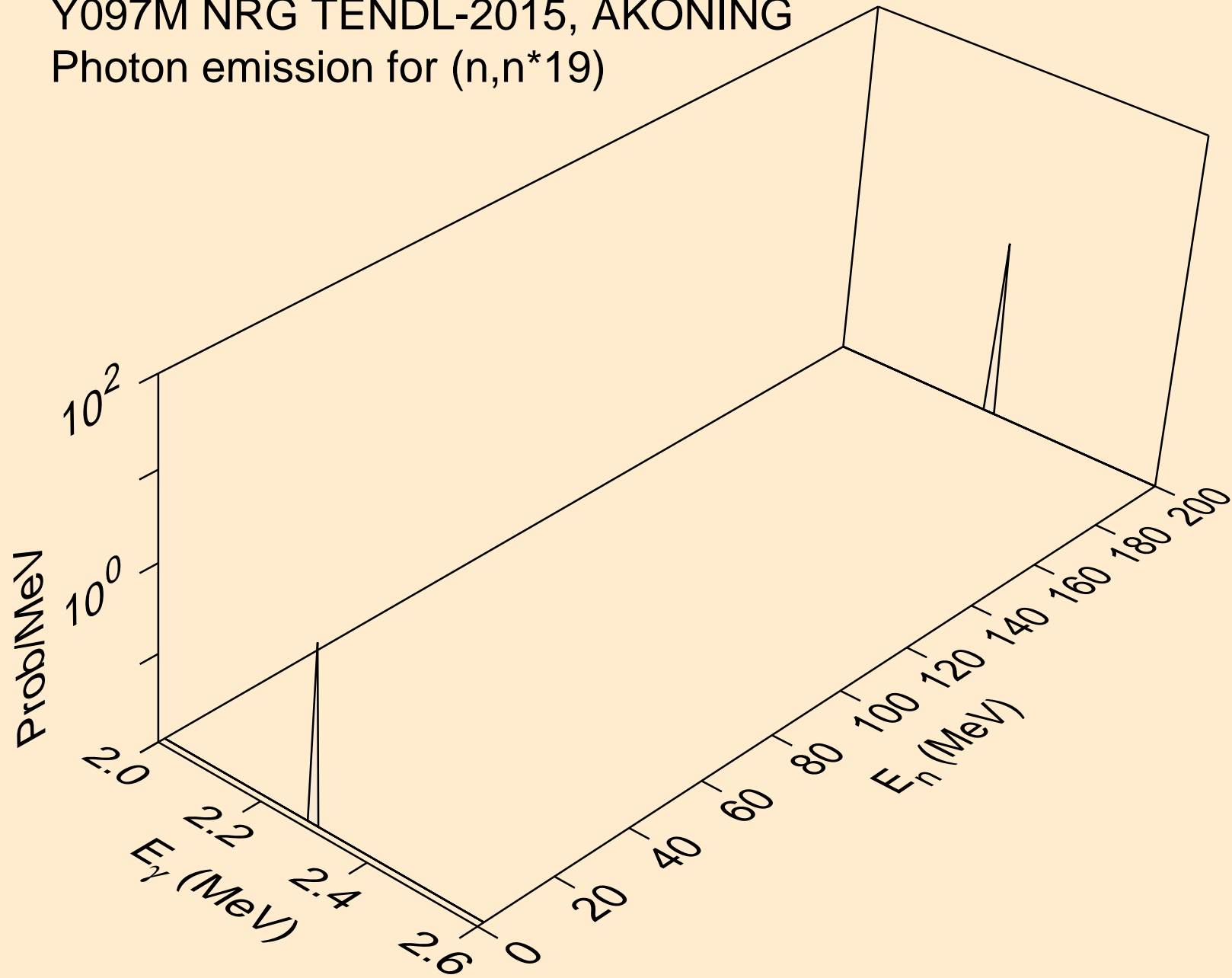
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Photon emission for (n,n\*17)



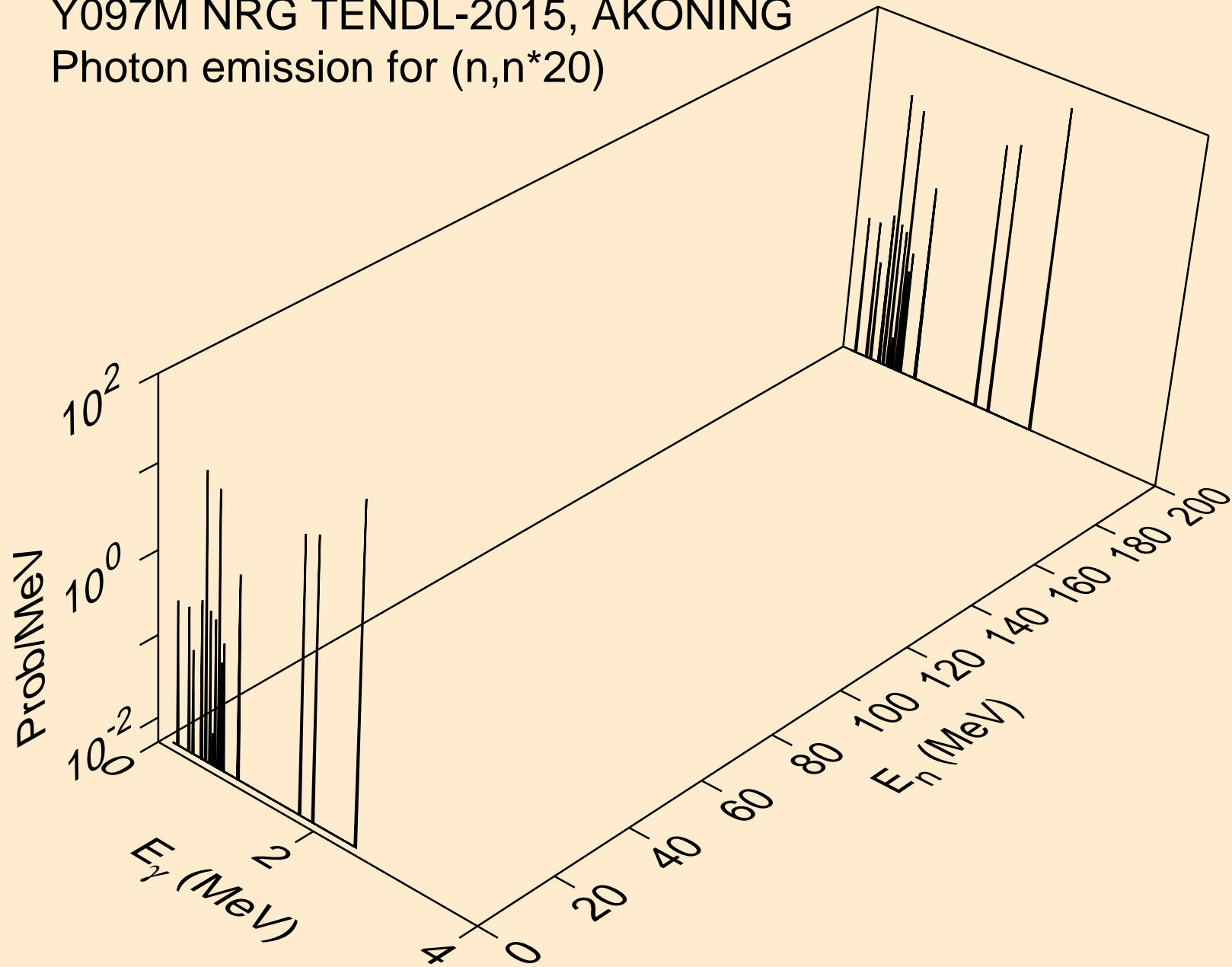
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Photon emission for (n,n\*18)



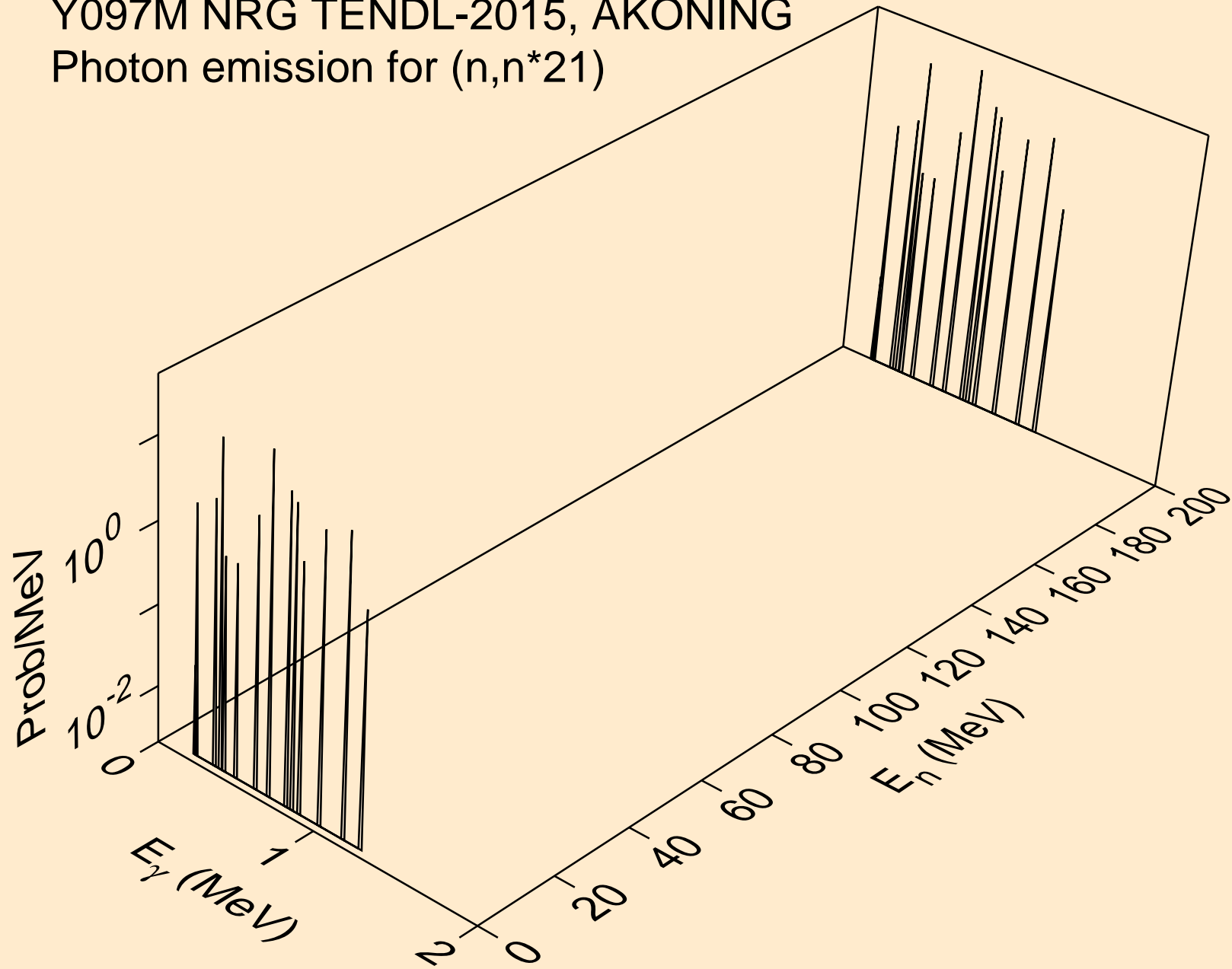
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Photon emission for (n,n\*19)



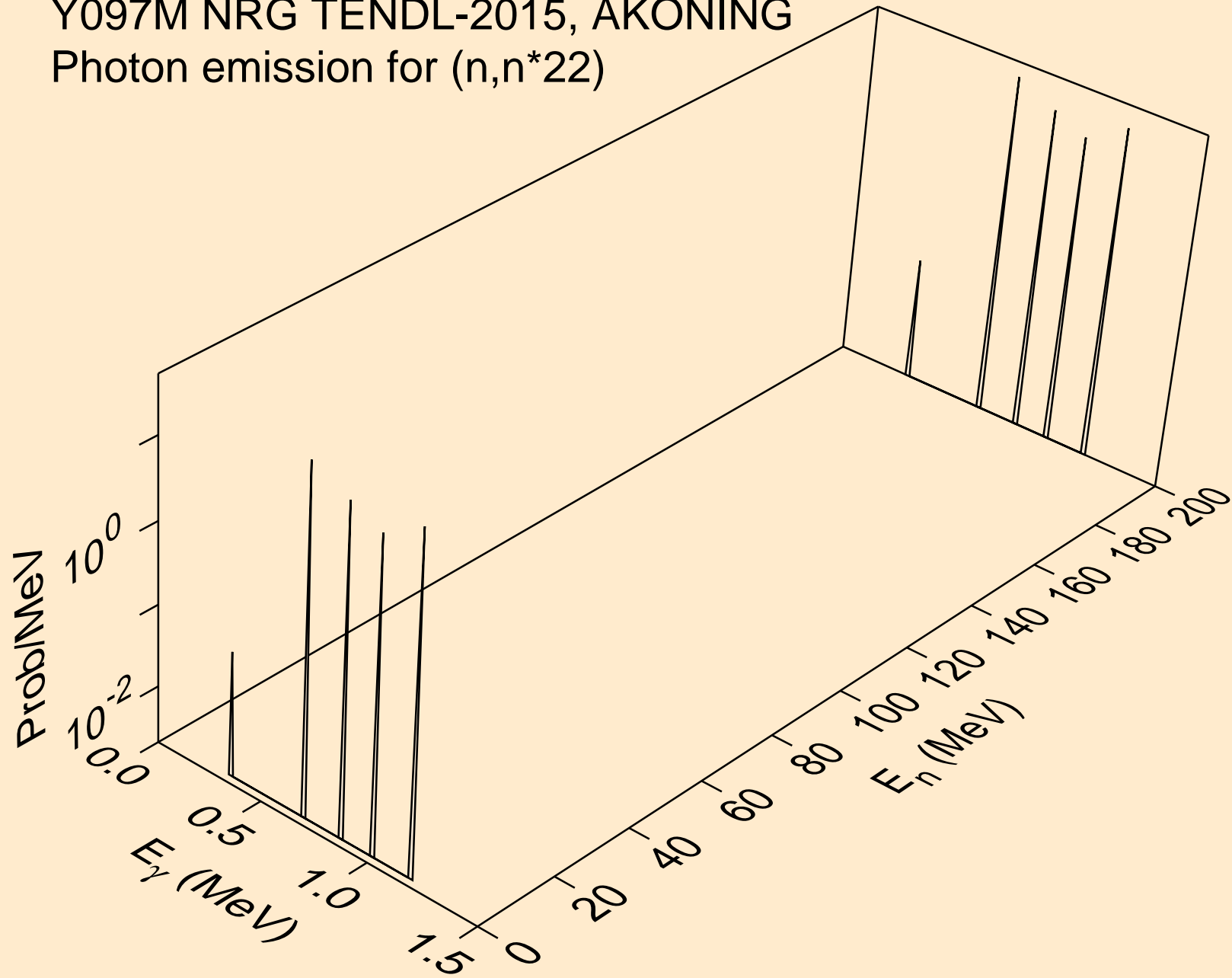
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Photon emission for (n,n\*20)



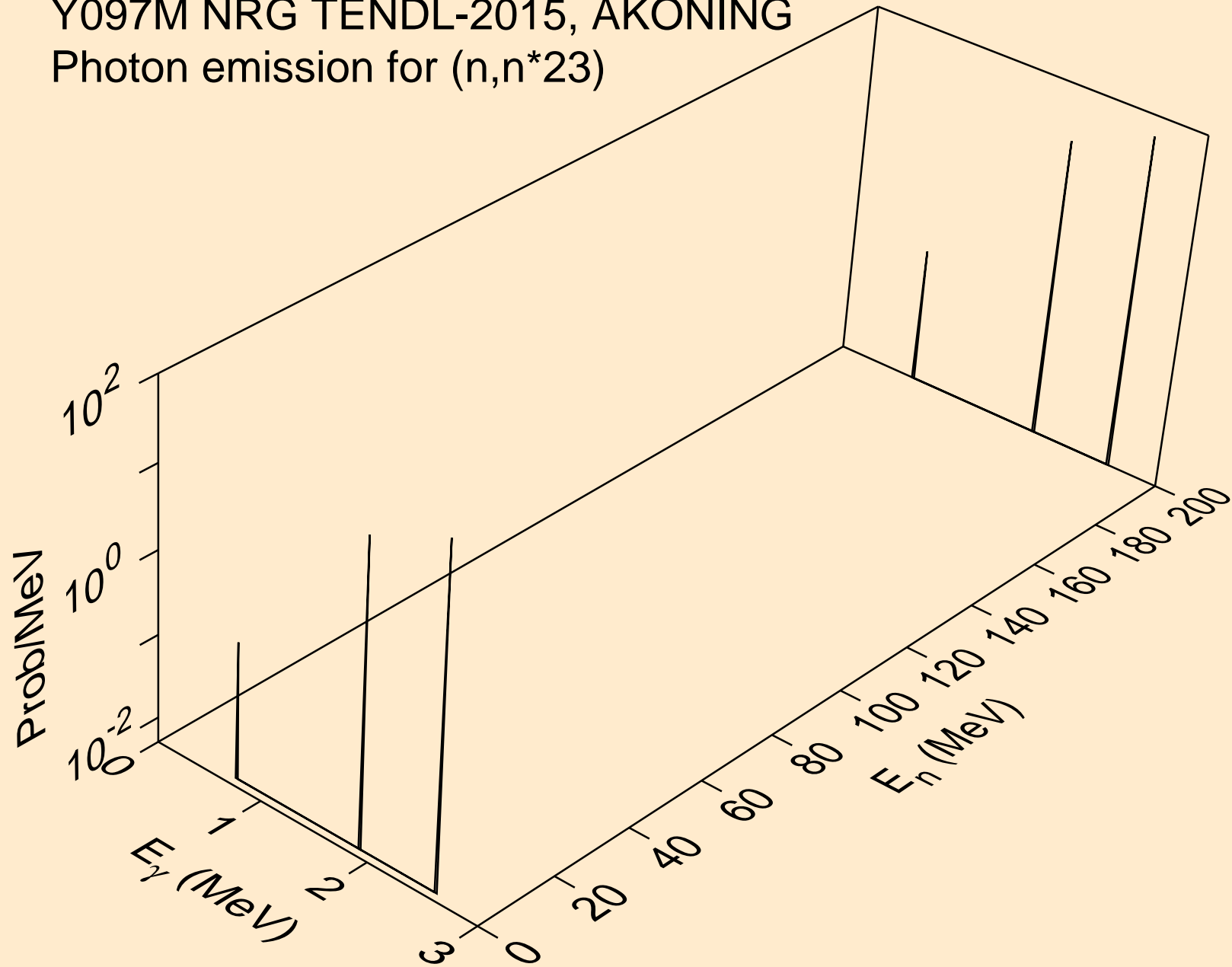
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Photon emission for (n,n\*21)



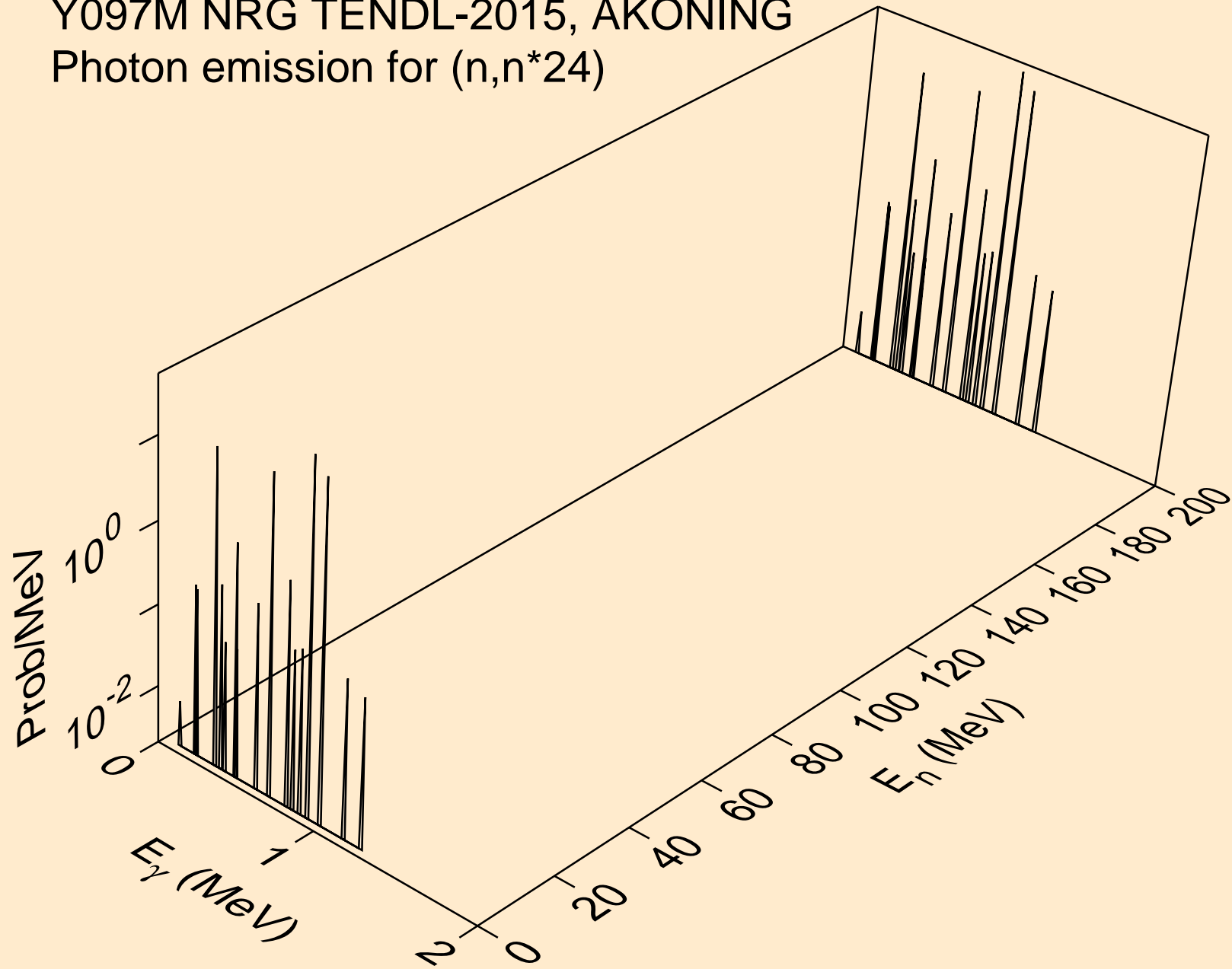
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Photon emission for (n,n\*22)



Y097M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*23)

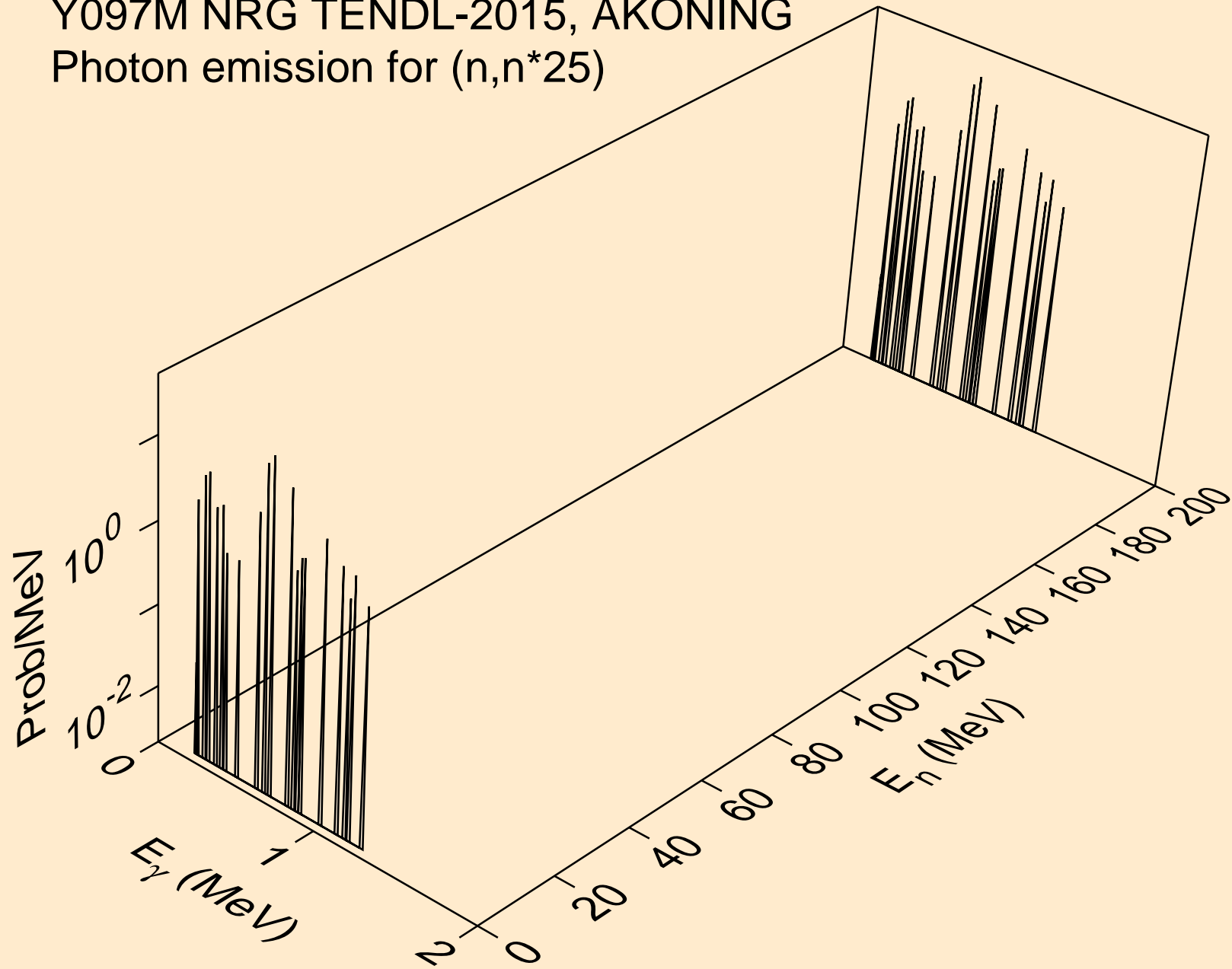


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Photon emission for (n,n\*24)

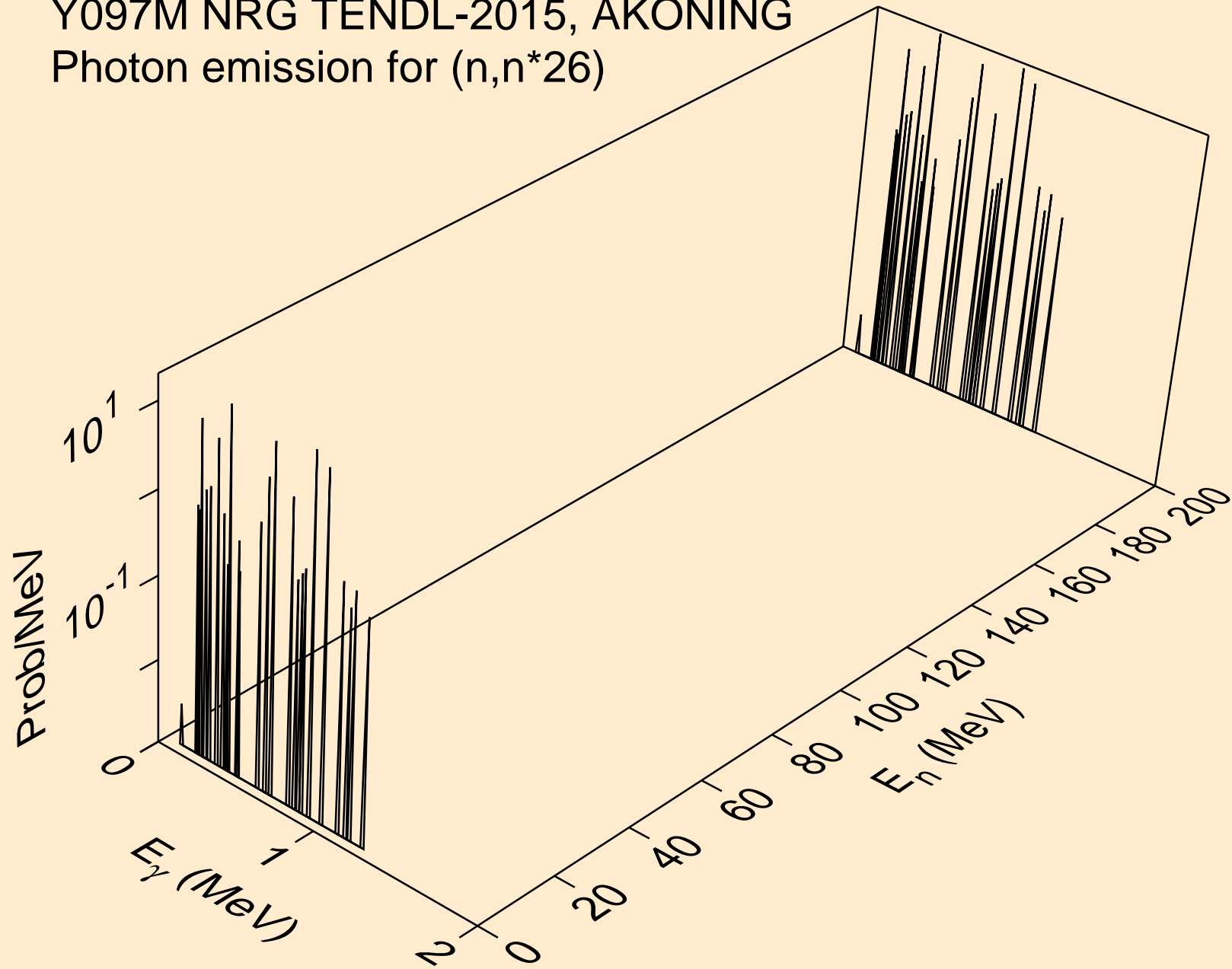




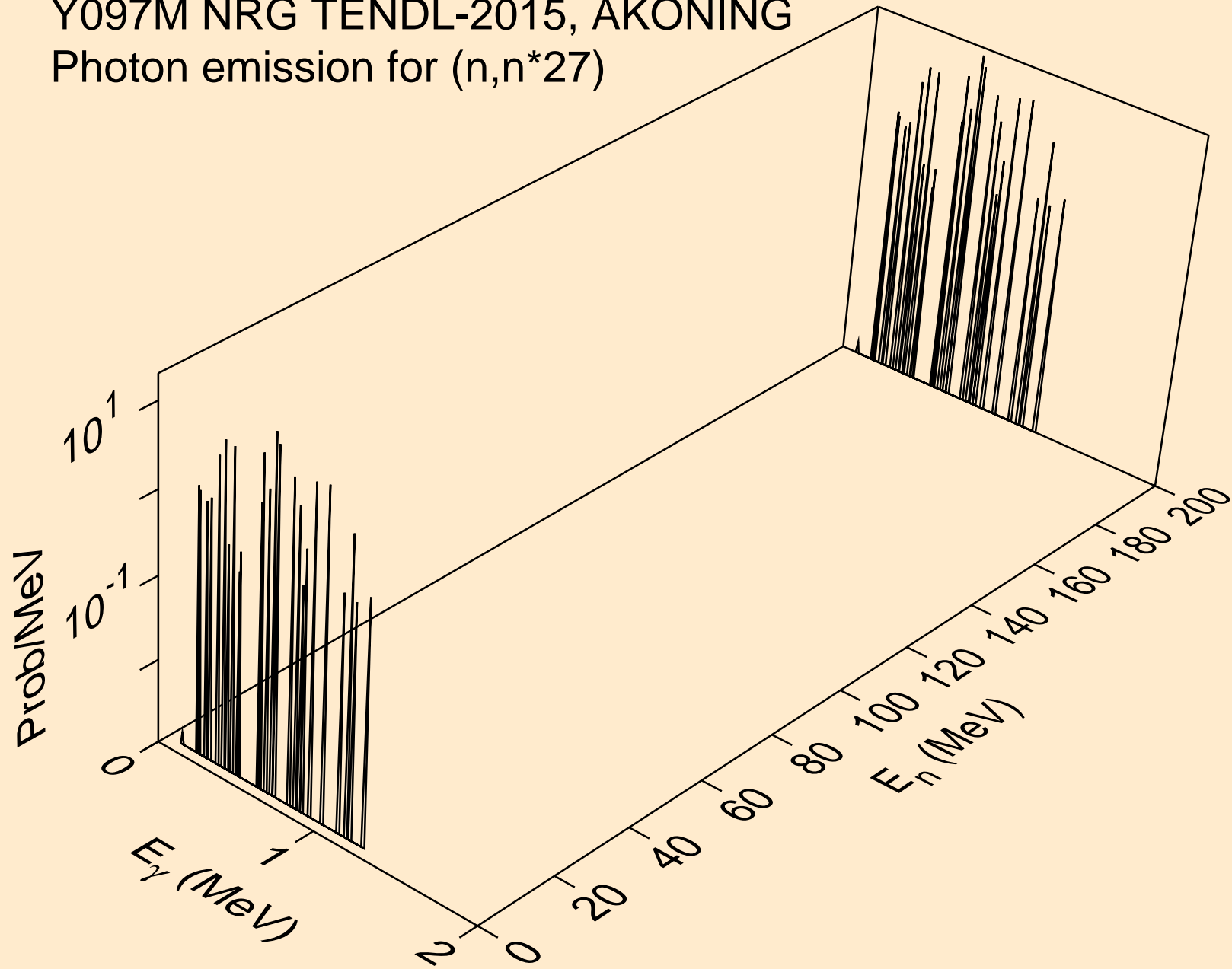
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Photon emission for (n,n\*25)



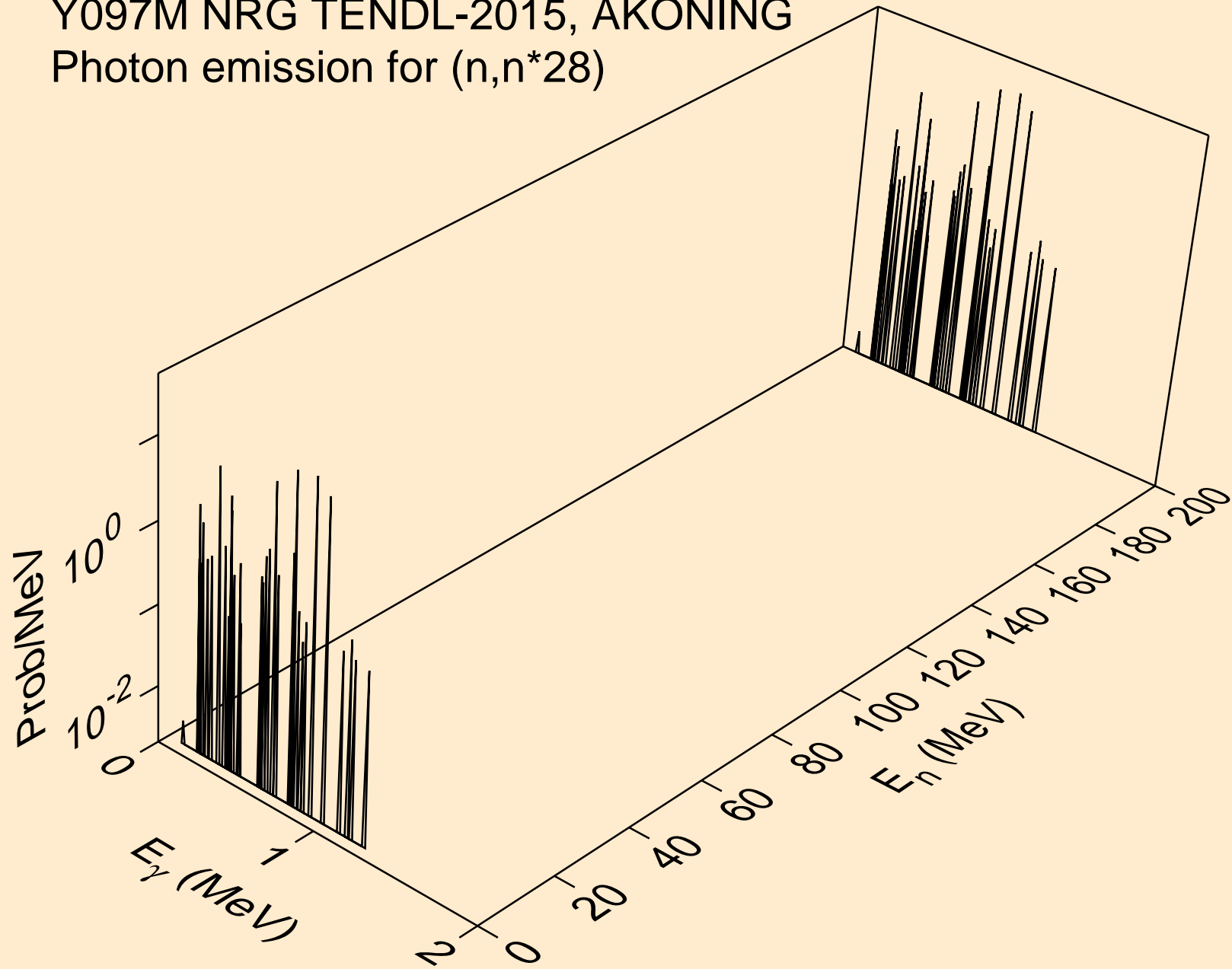
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Photon emission for (n,n\*26)



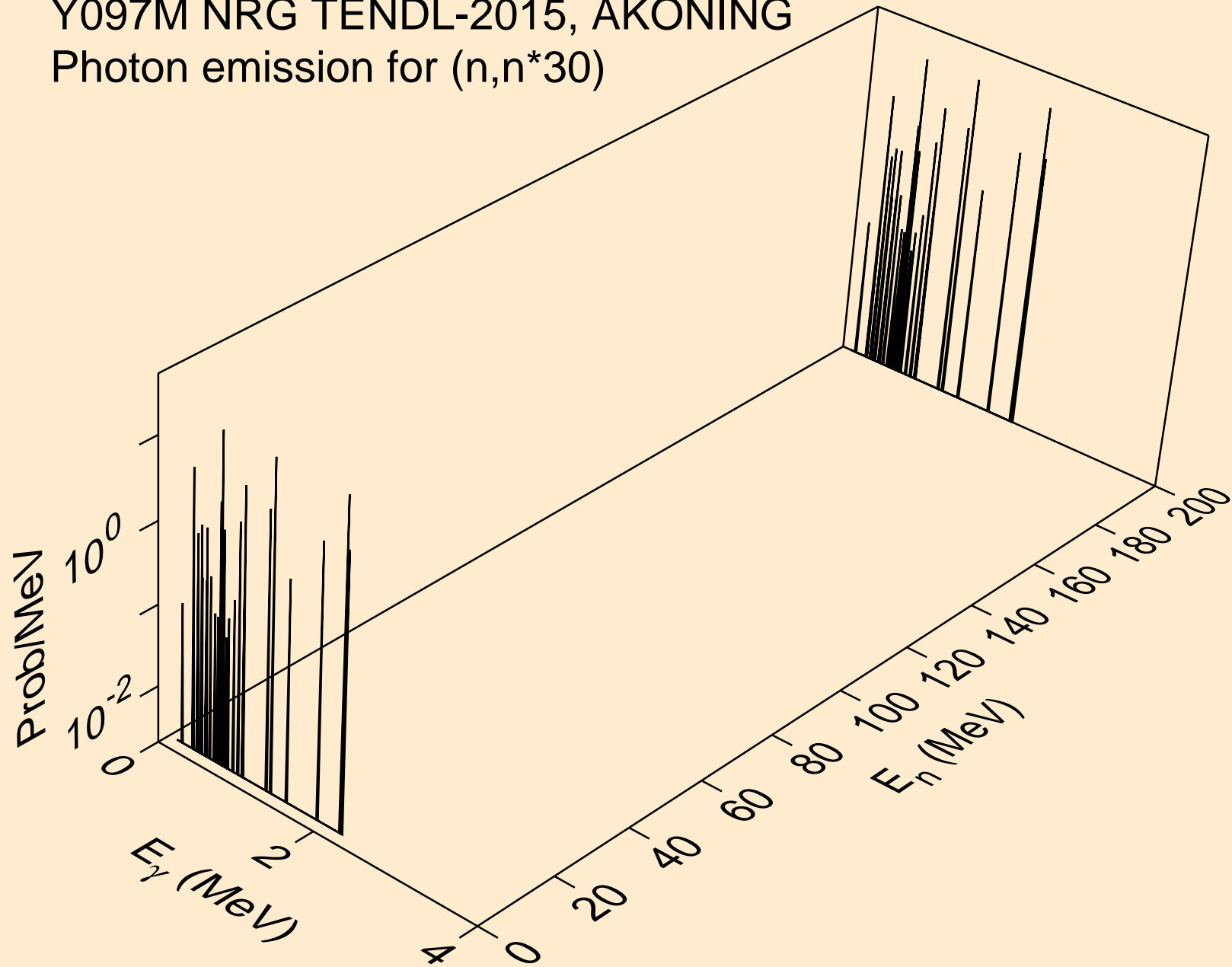
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Photon emission for (n,n\*27)



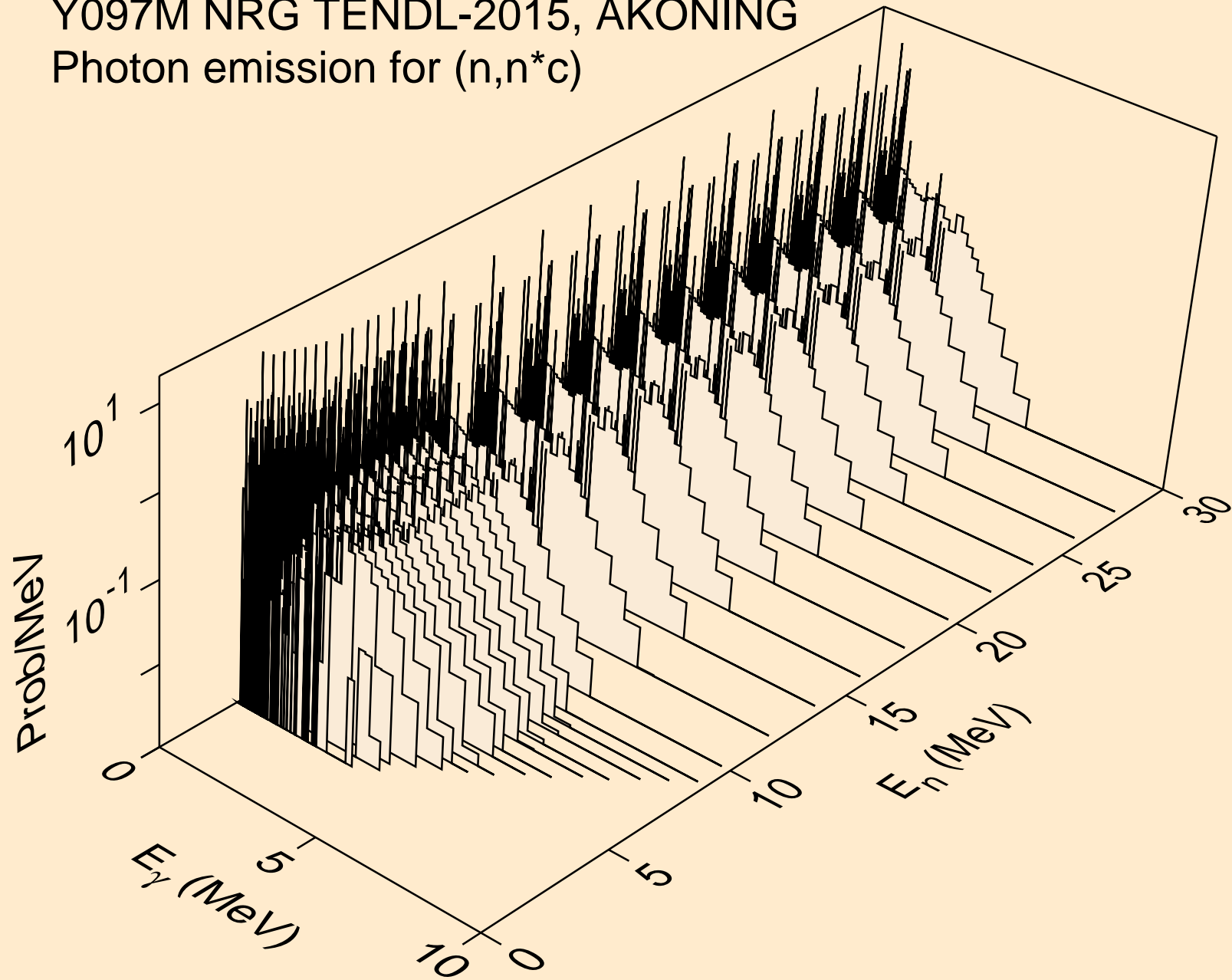
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Photon emission for (n,n\*28)



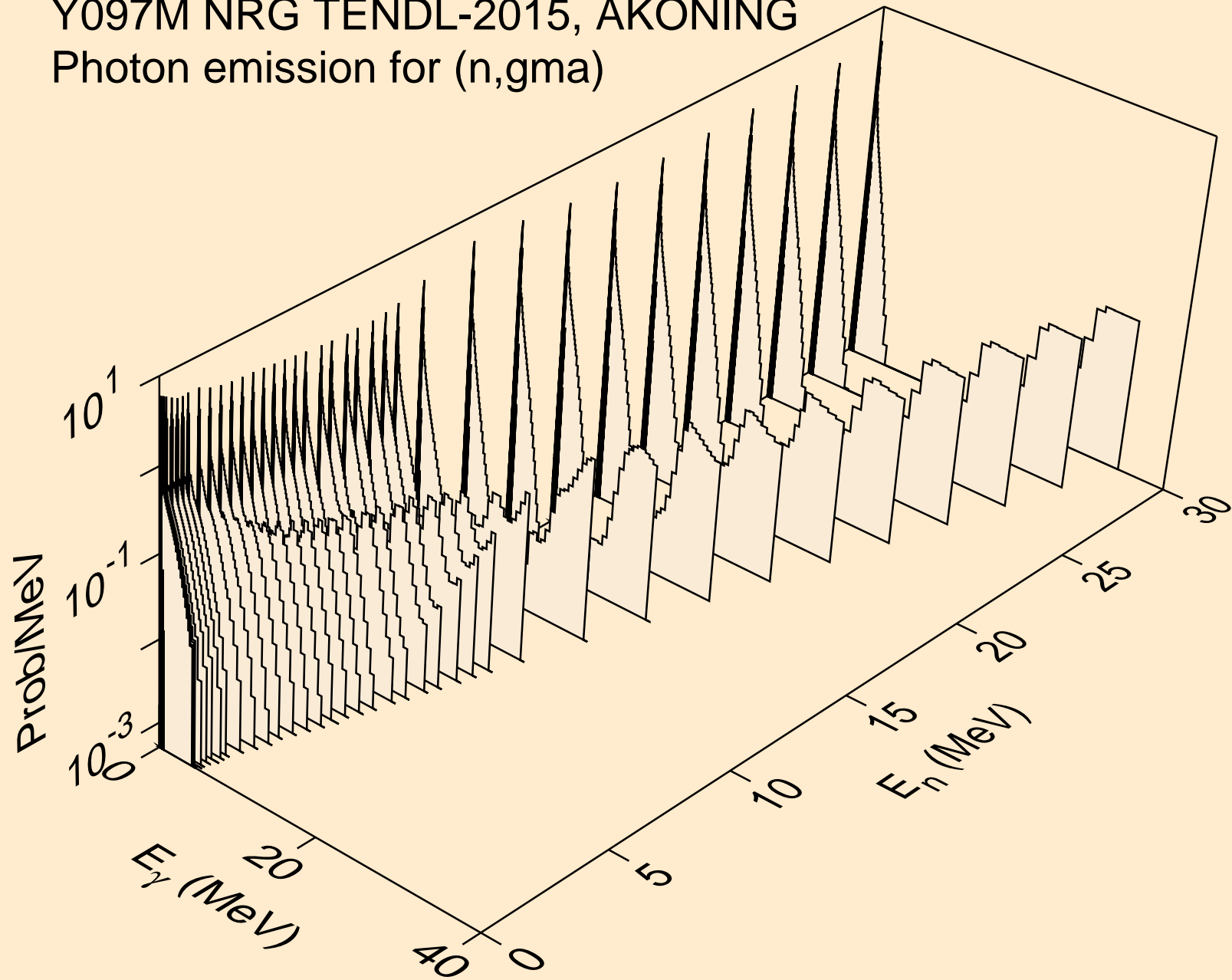
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Photon emission for (n,n\*30)



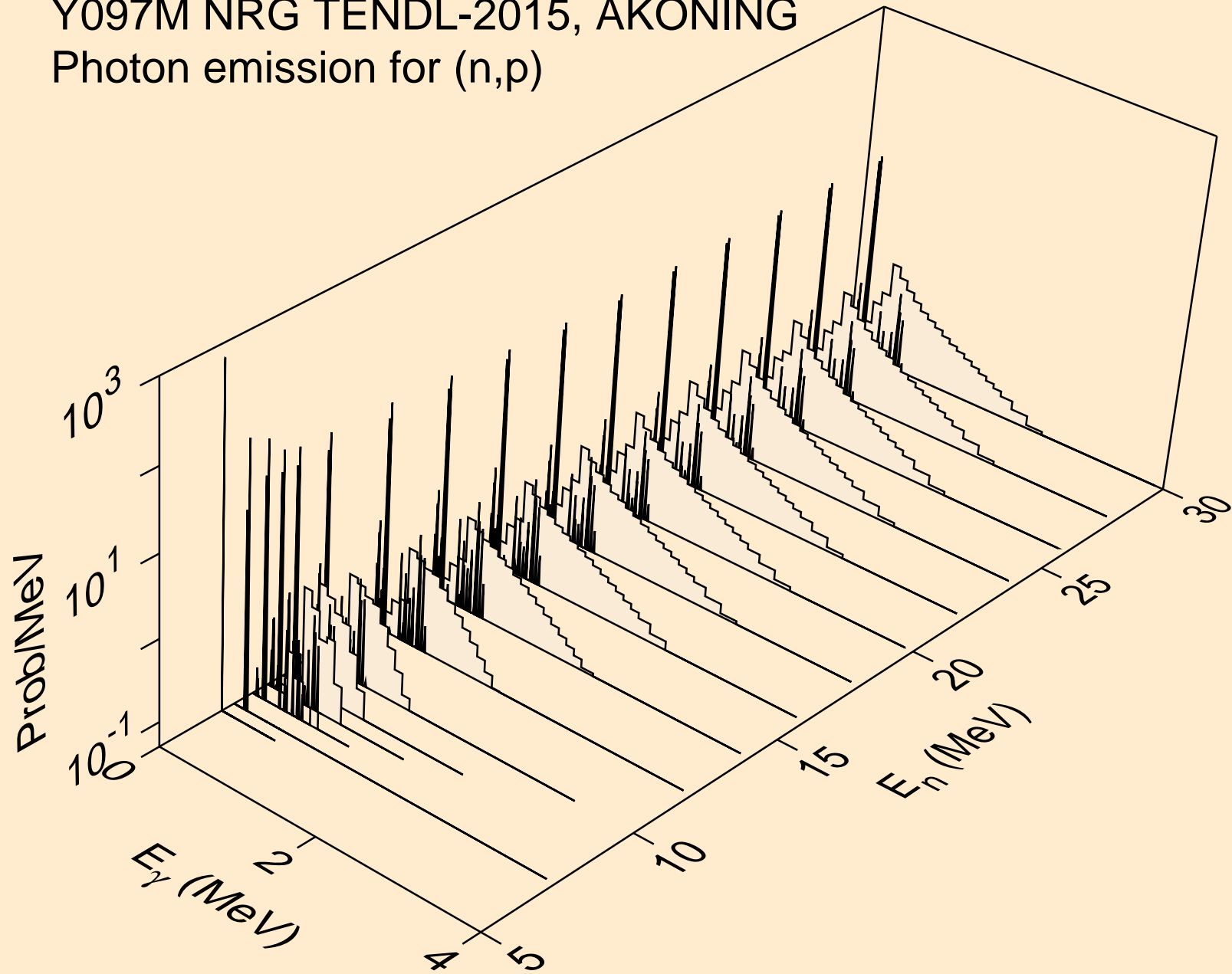
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Photon emission for (n,n\*c)



Y097M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

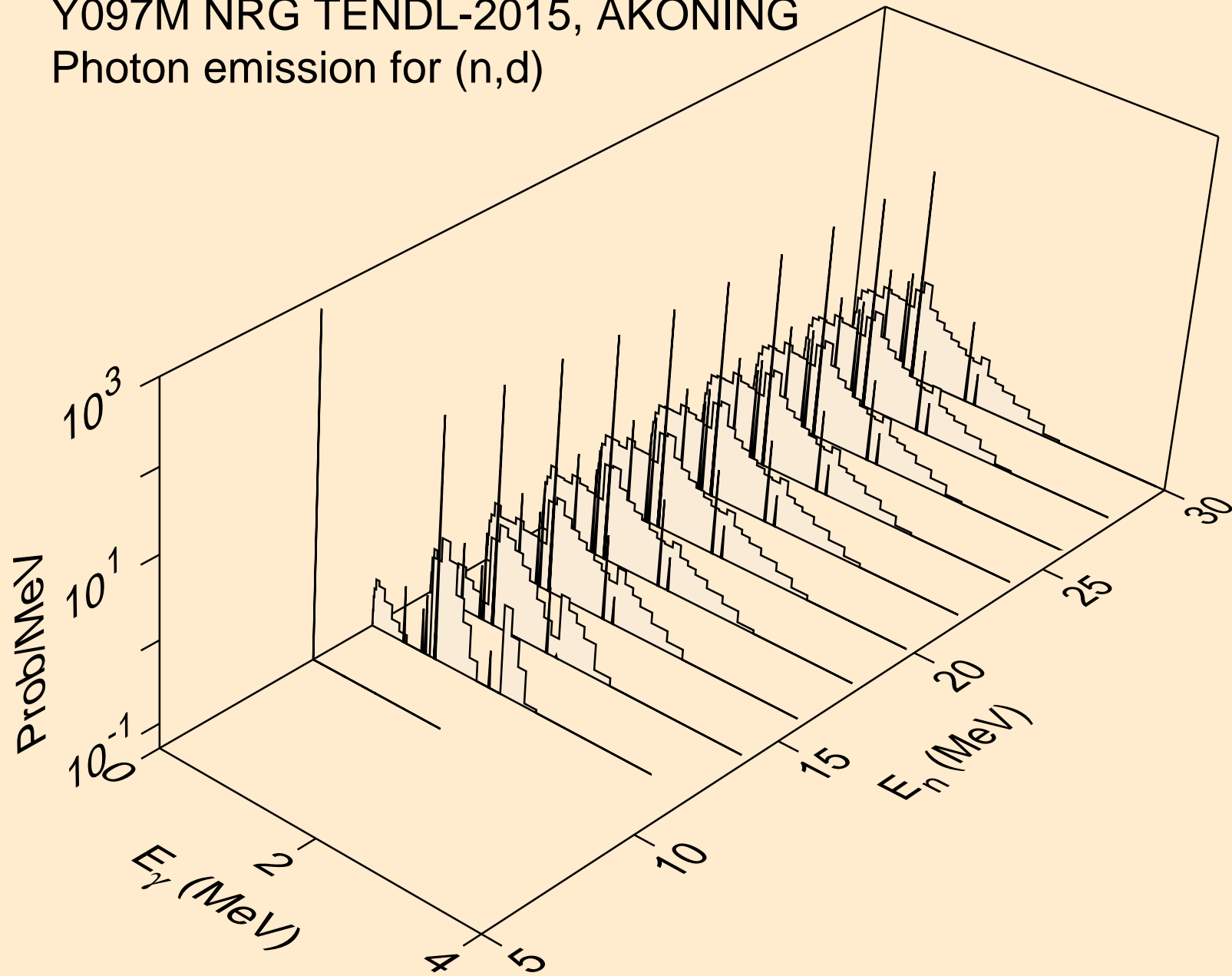


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Photon emission for (n,p)

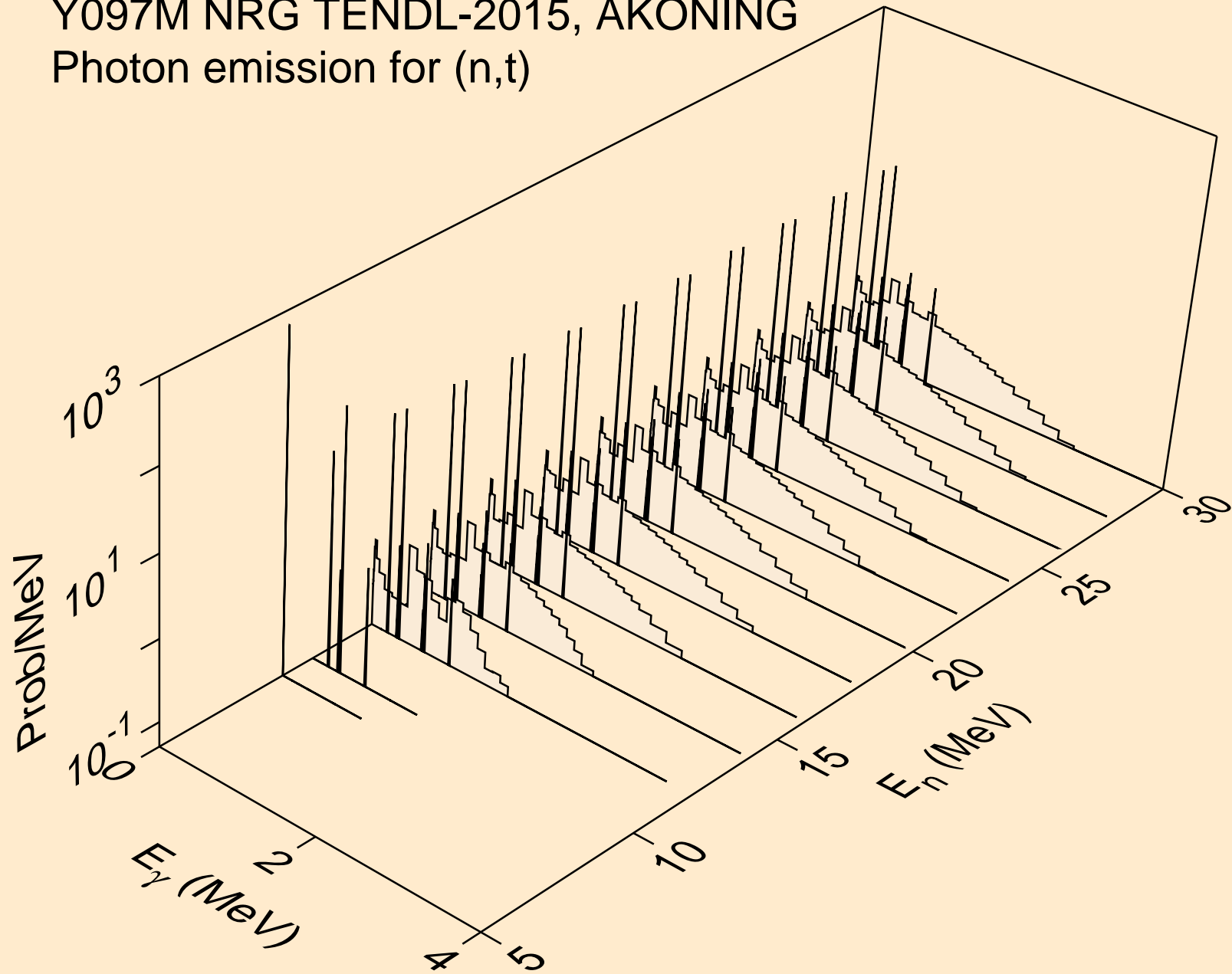




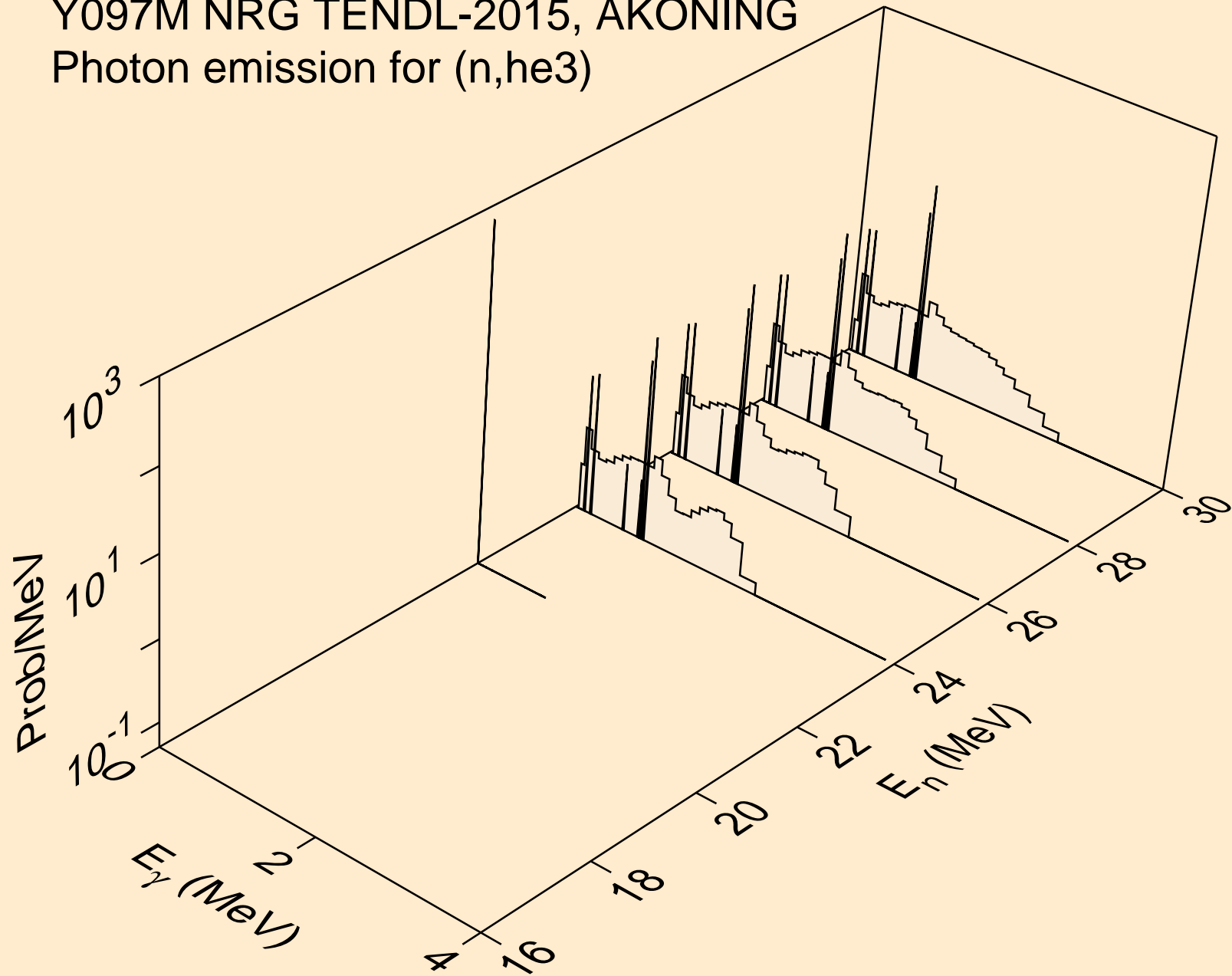
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Photon emission for (n,d)



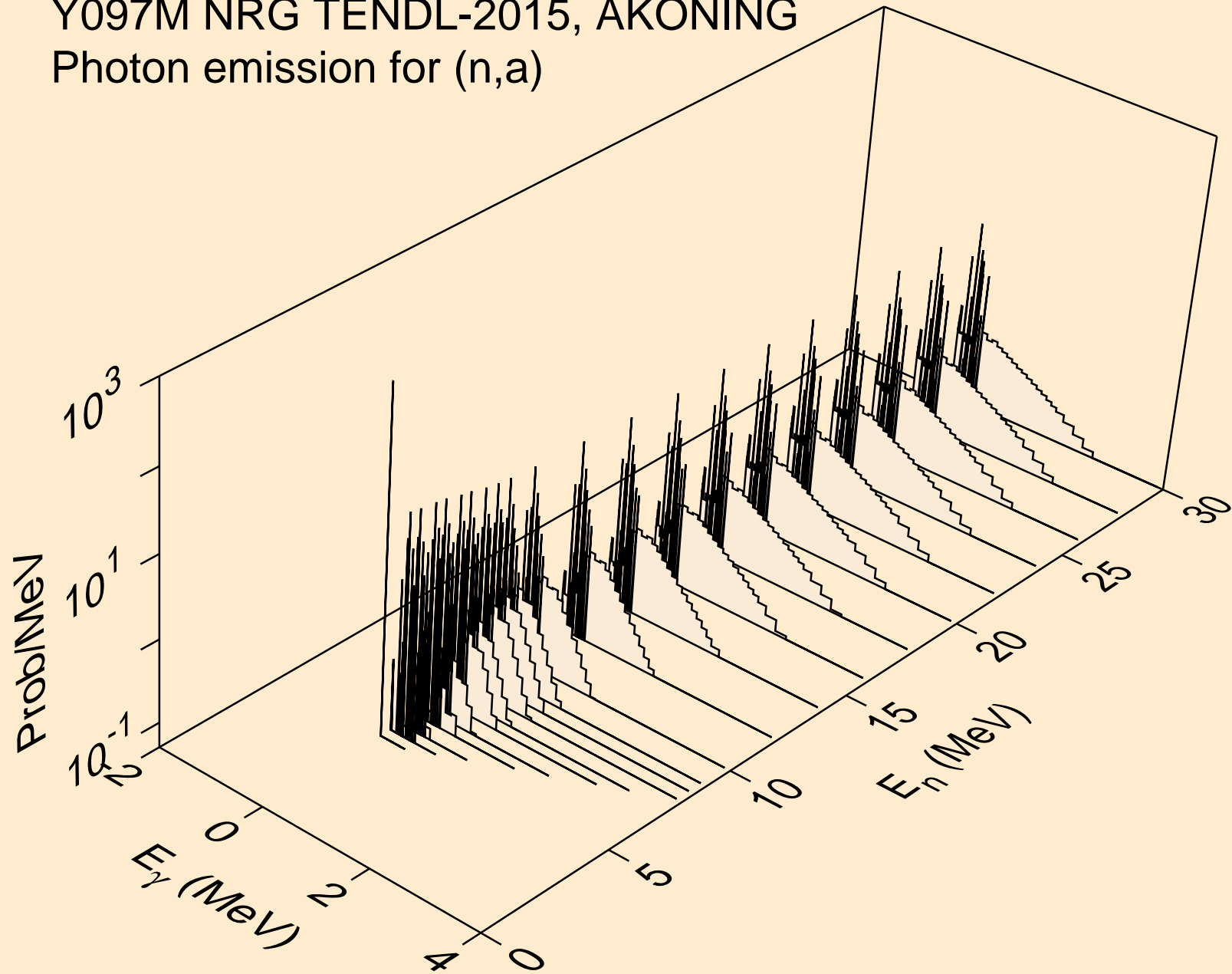
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Photon emission for (n,t)



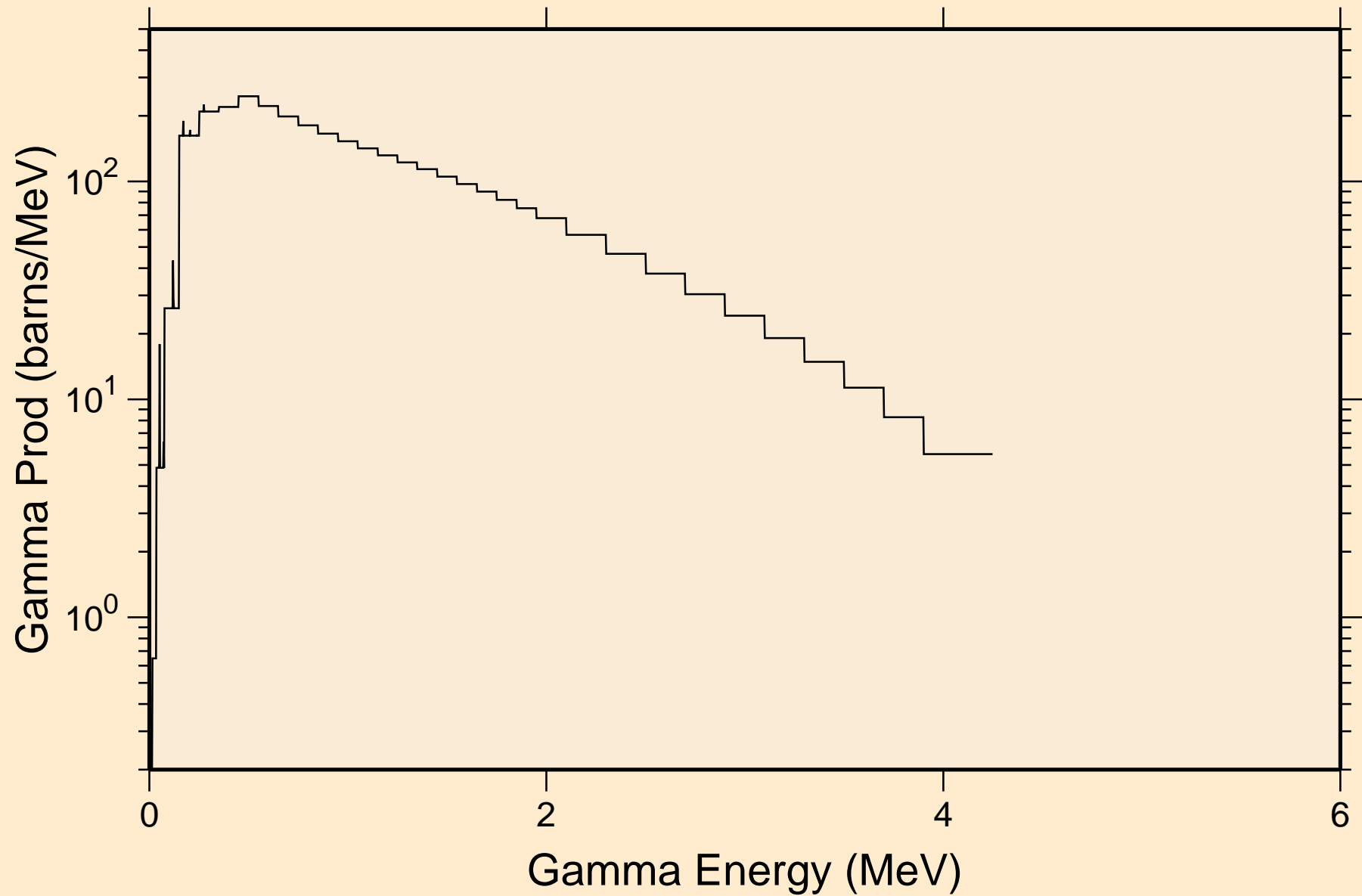
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Photon emission for (n,he3)



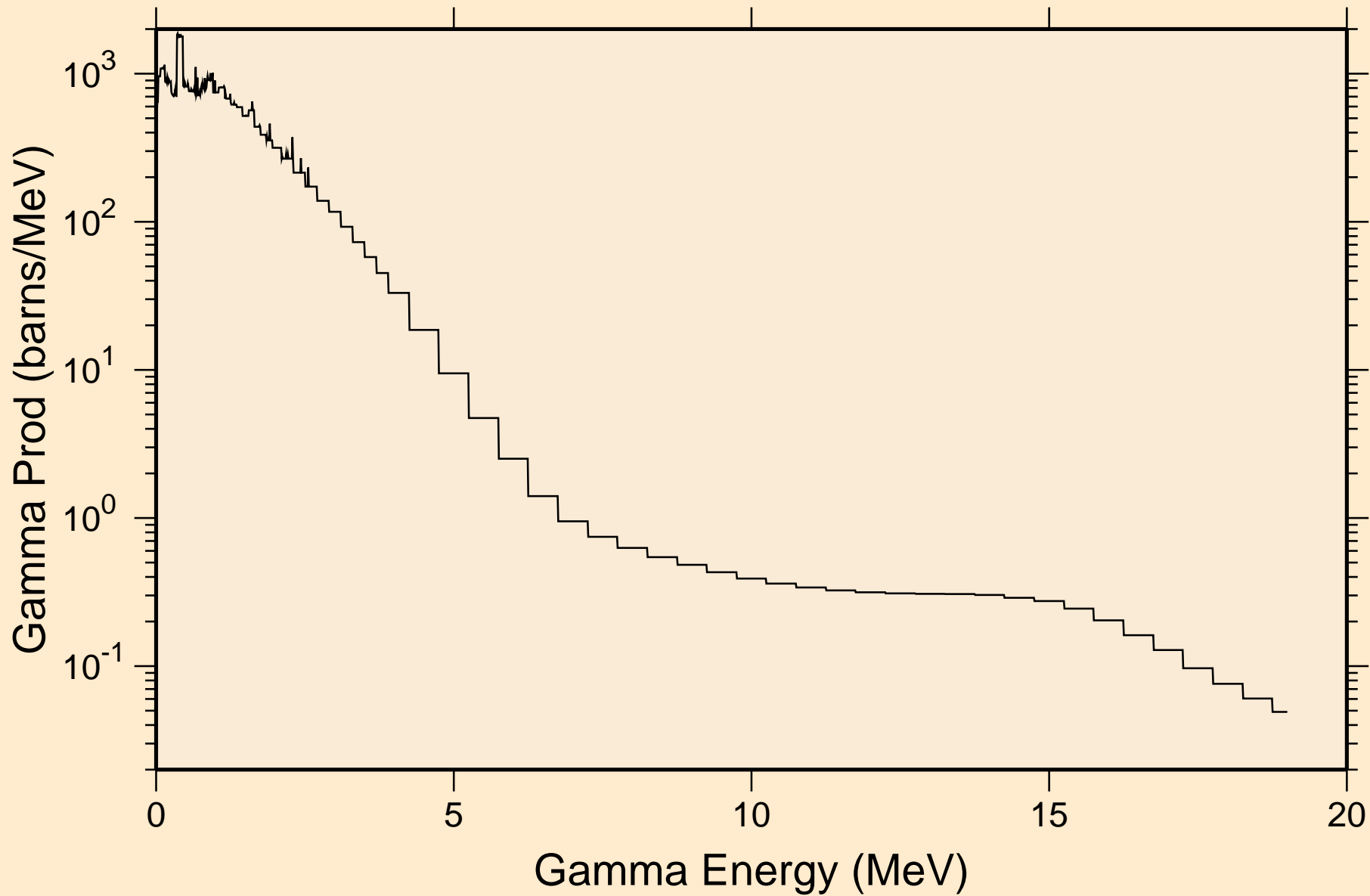
Y097M NRG TENDL-2015, AKONING  
Photon emission for (n,a)



Y097M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

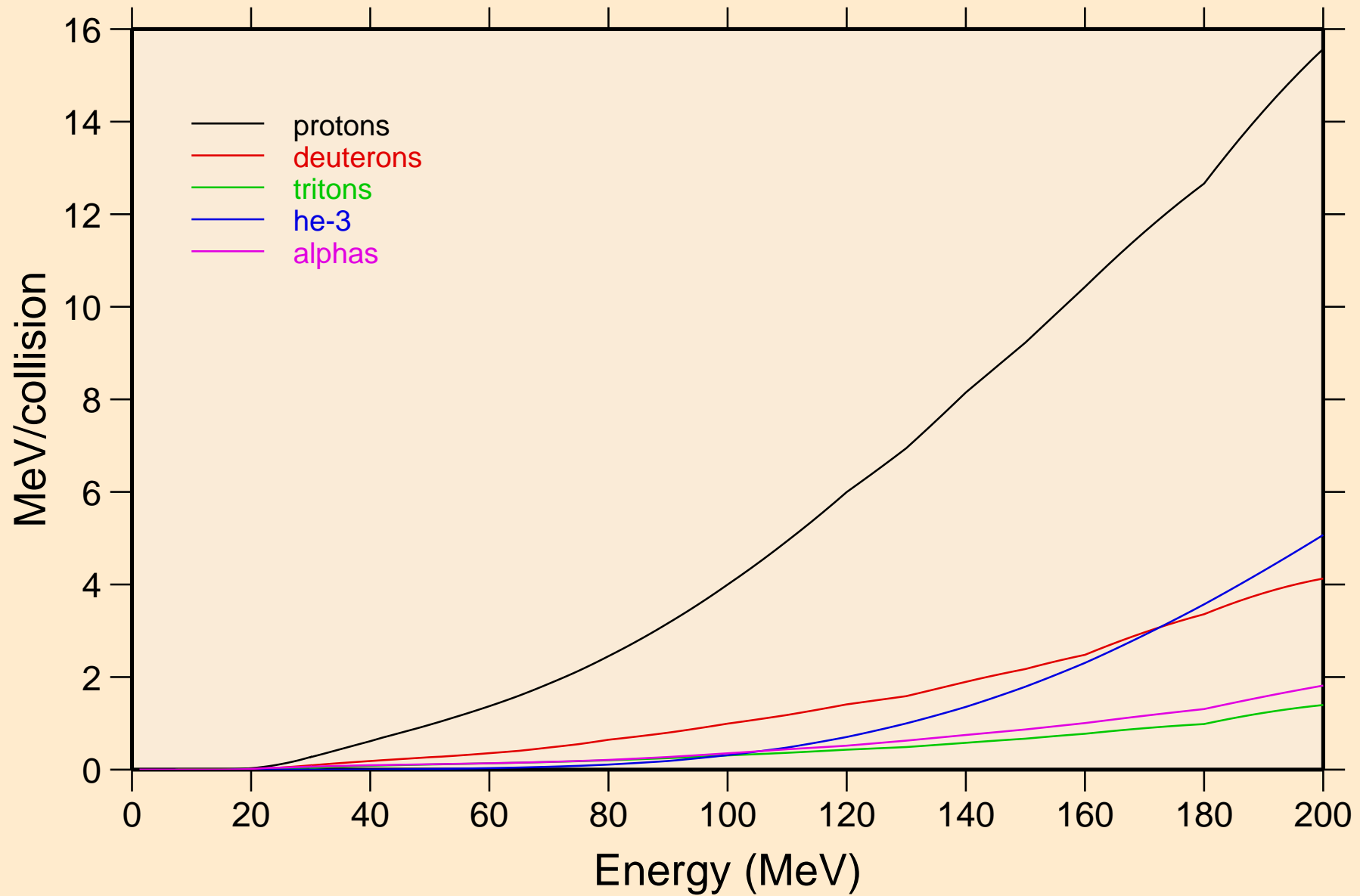


Y097M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



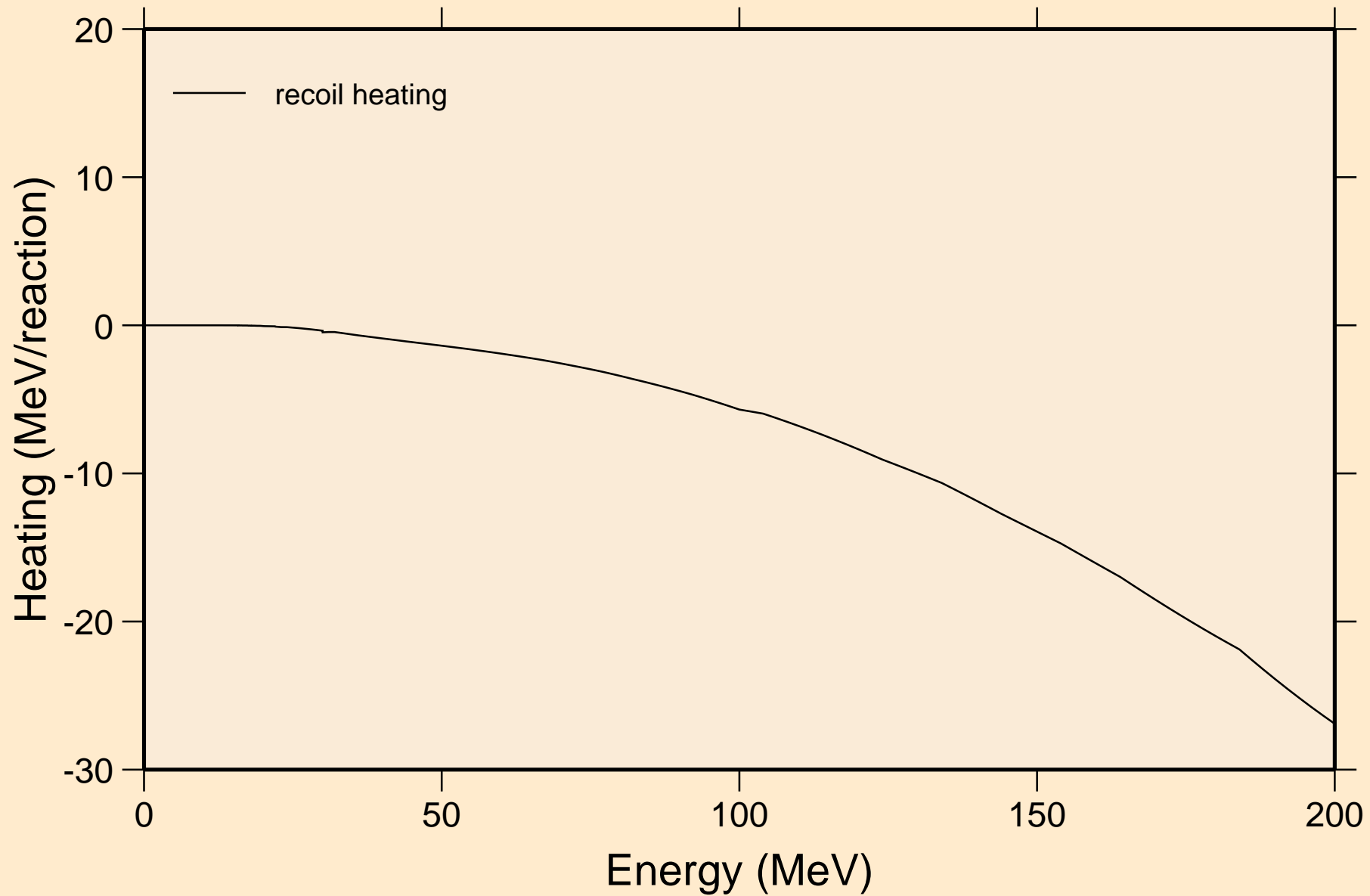
# Y097M NRG TENDL-2015, AKONING

## Particle heating contributions



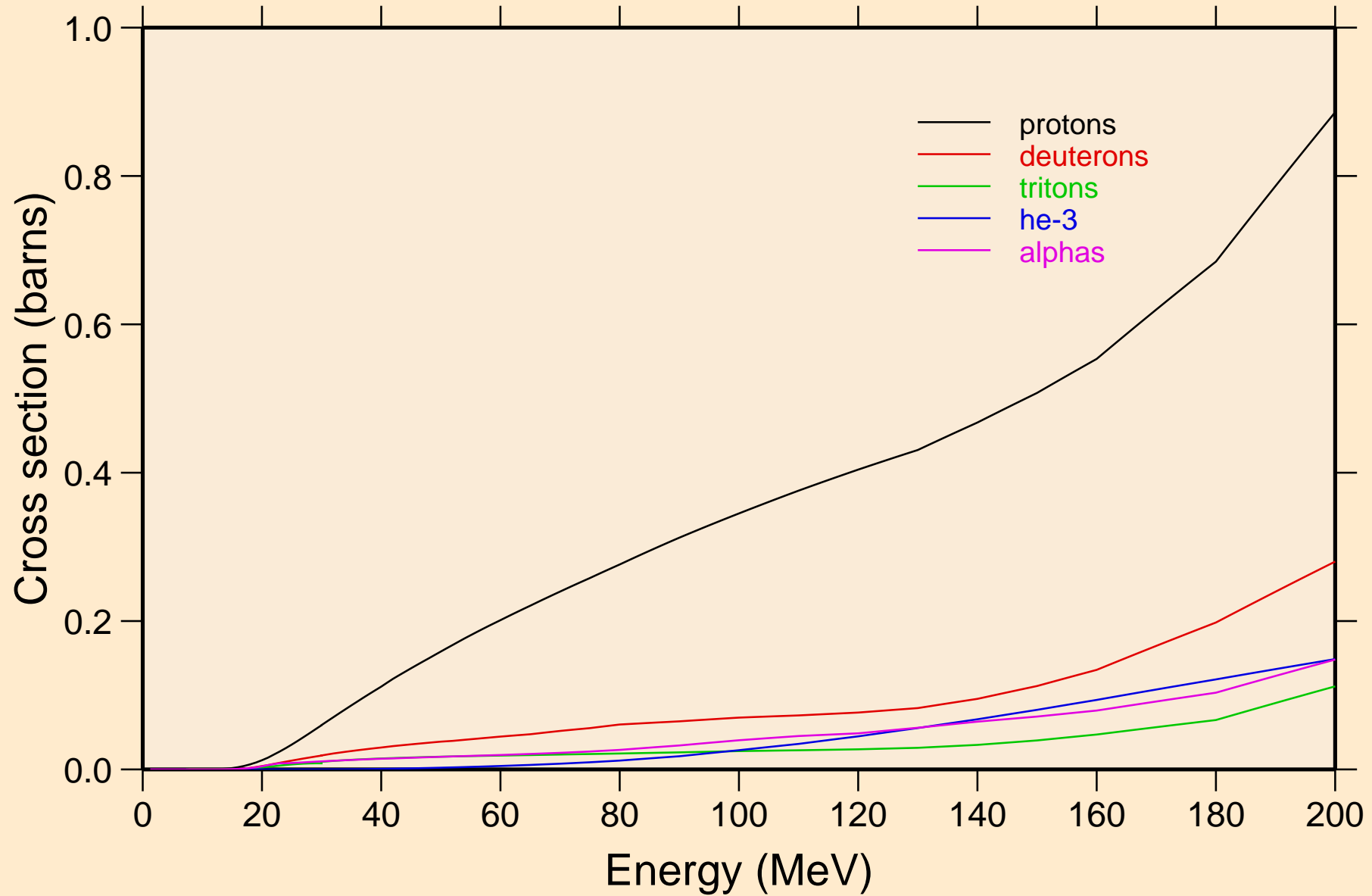
# Y097M NRG TENDL-2015, AKONING

## Recoil Heating

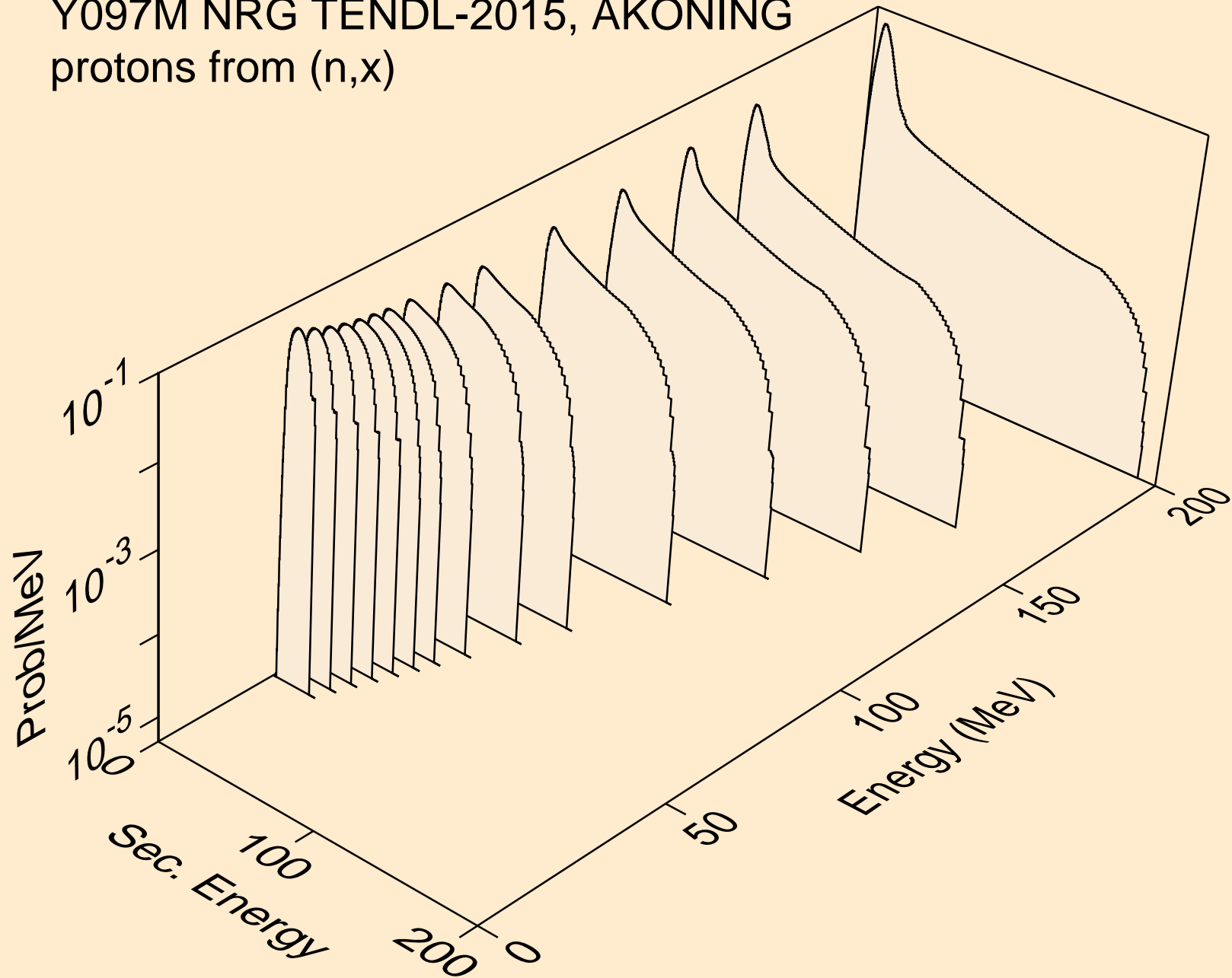




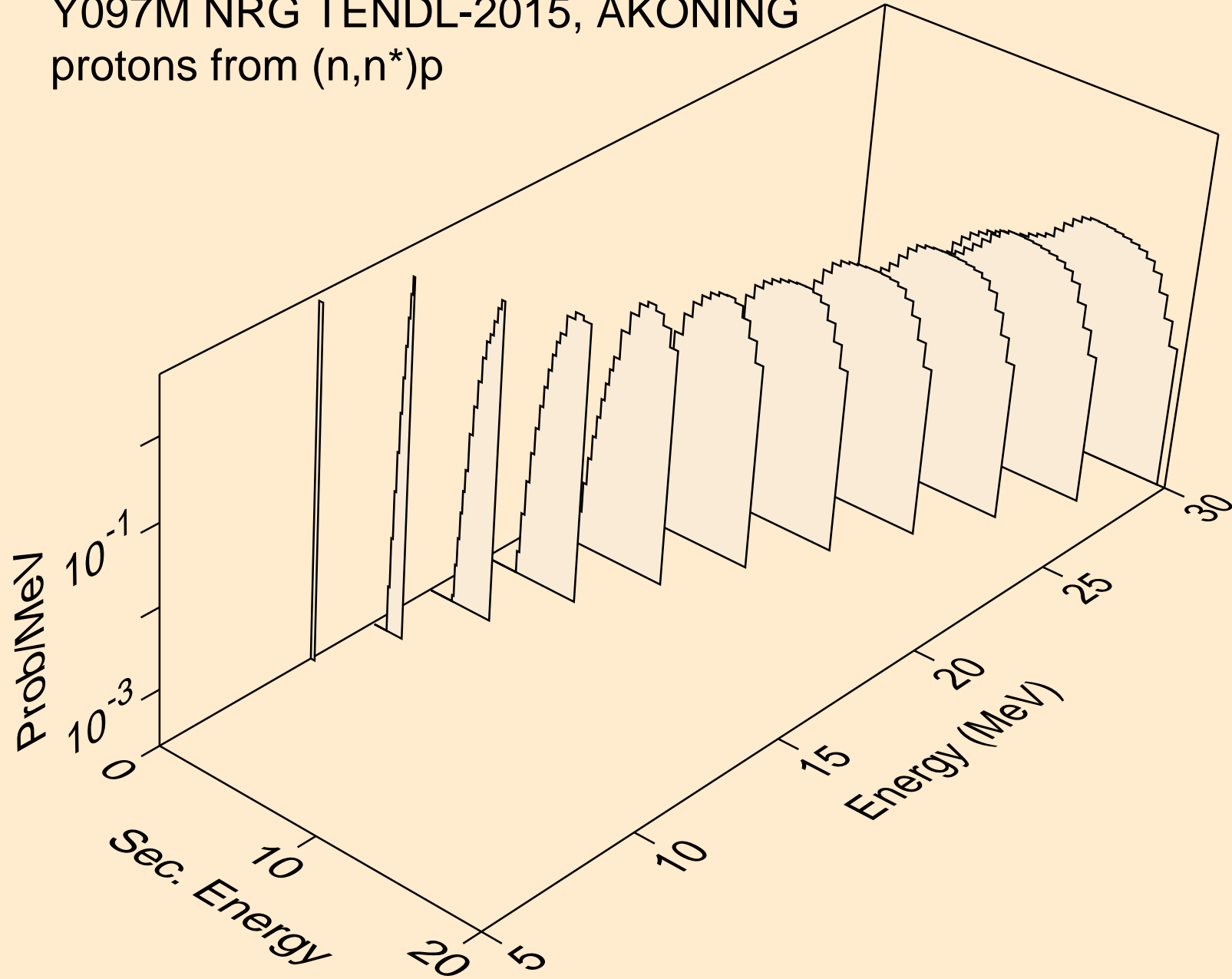
Y097M NRG TENDL-2015, AKONING  
Particle production cross sections



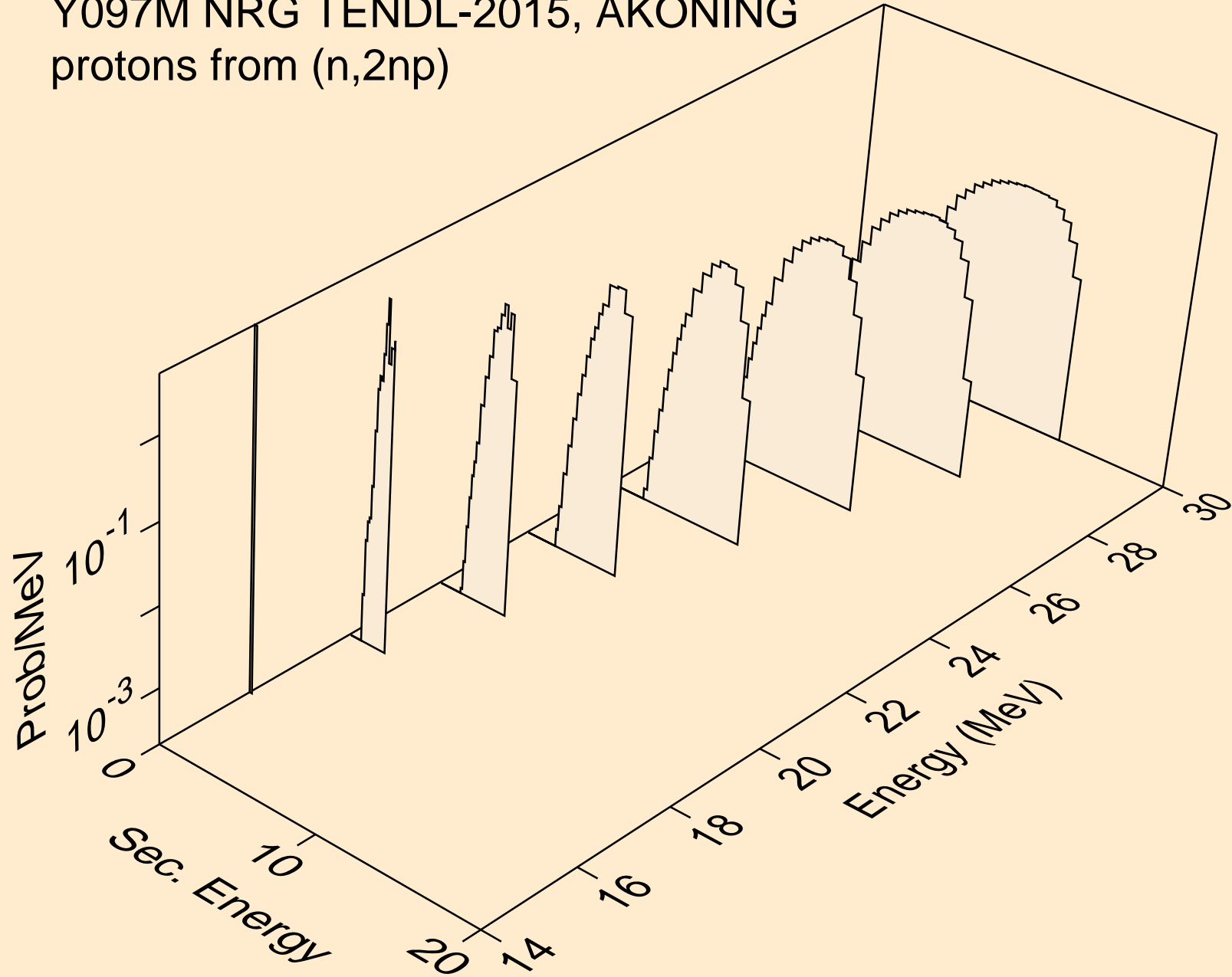
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protons from (n,x)



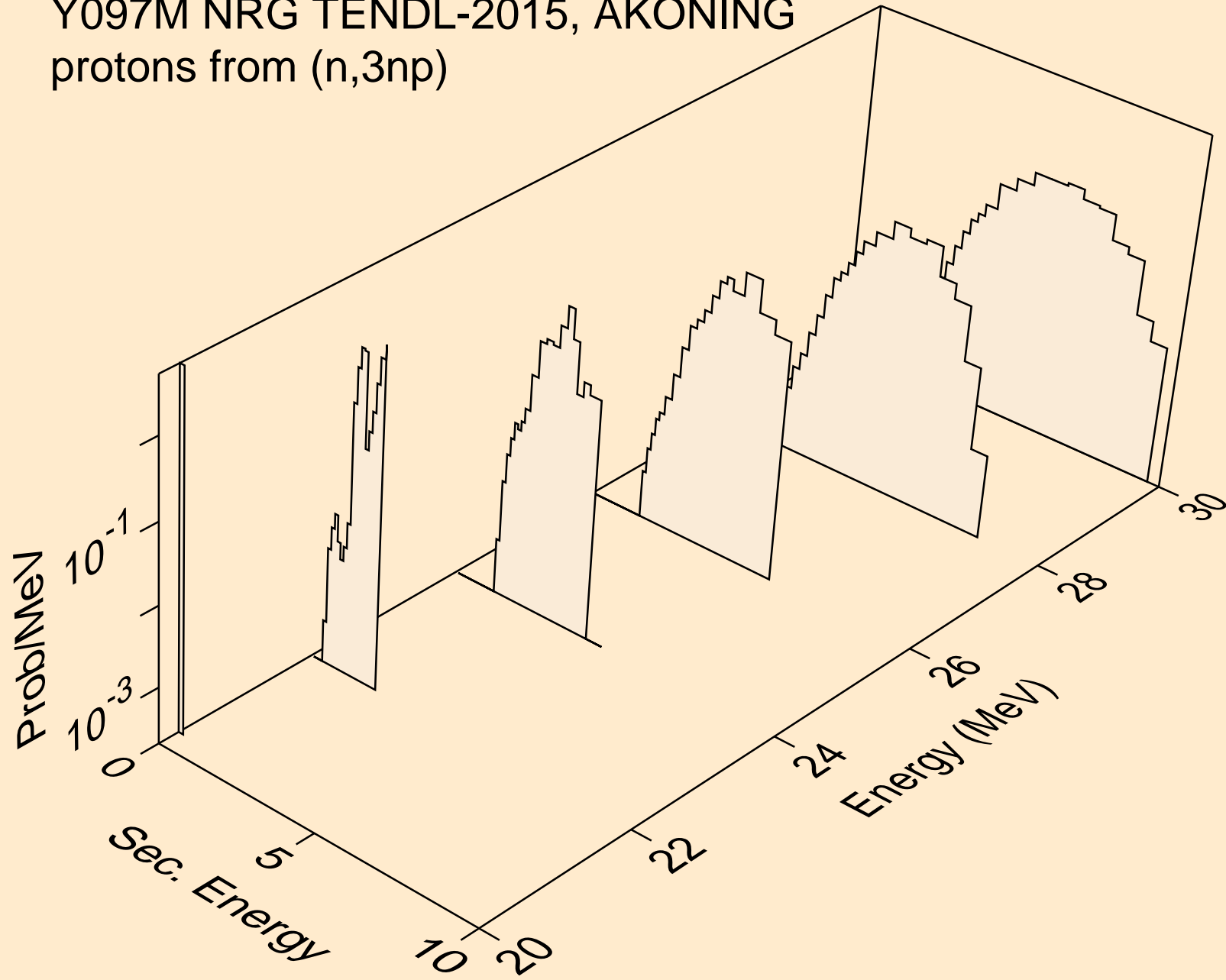
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protons from (n,n\*)p



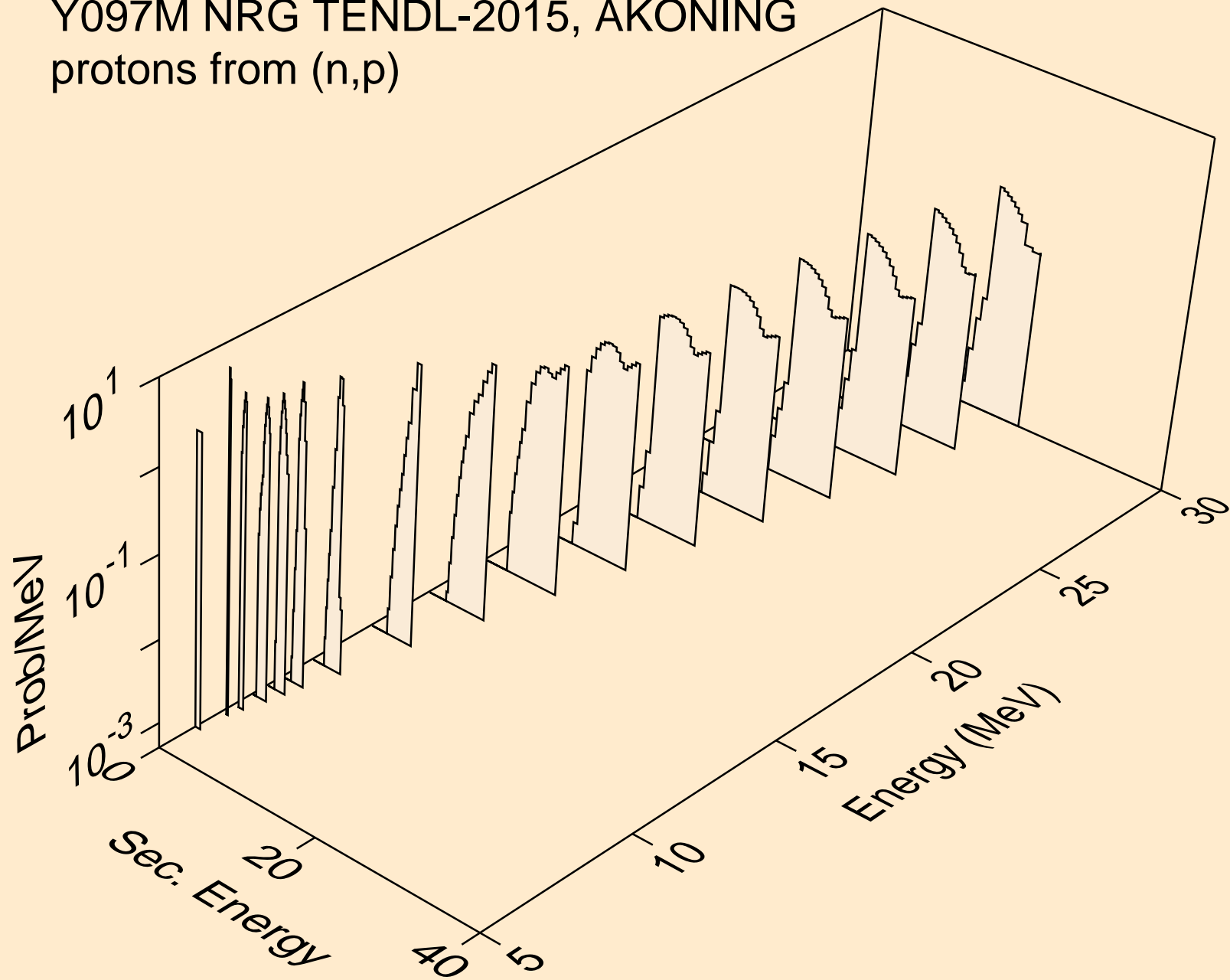
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protons from (n,2np)



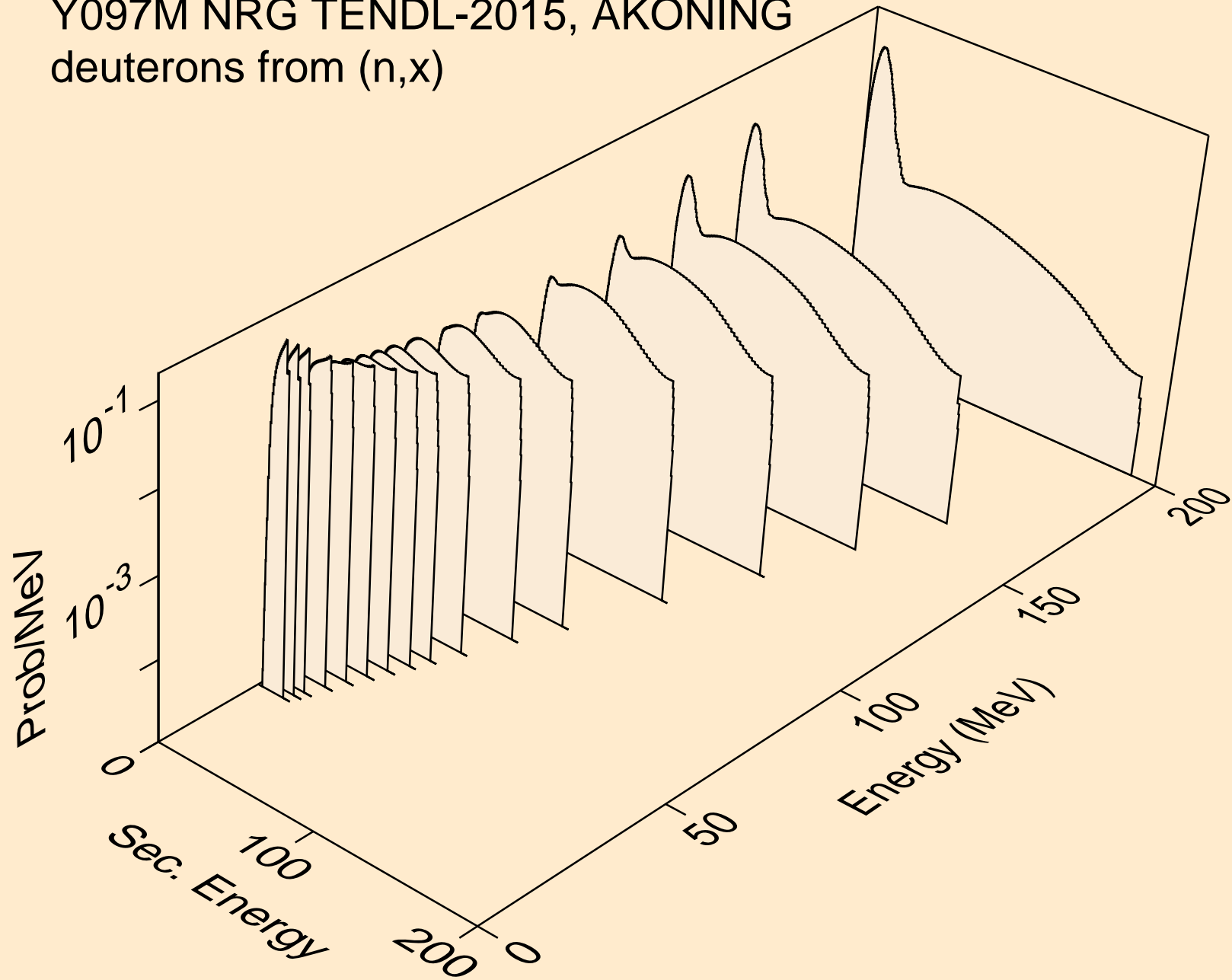
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protons from (n,3np)



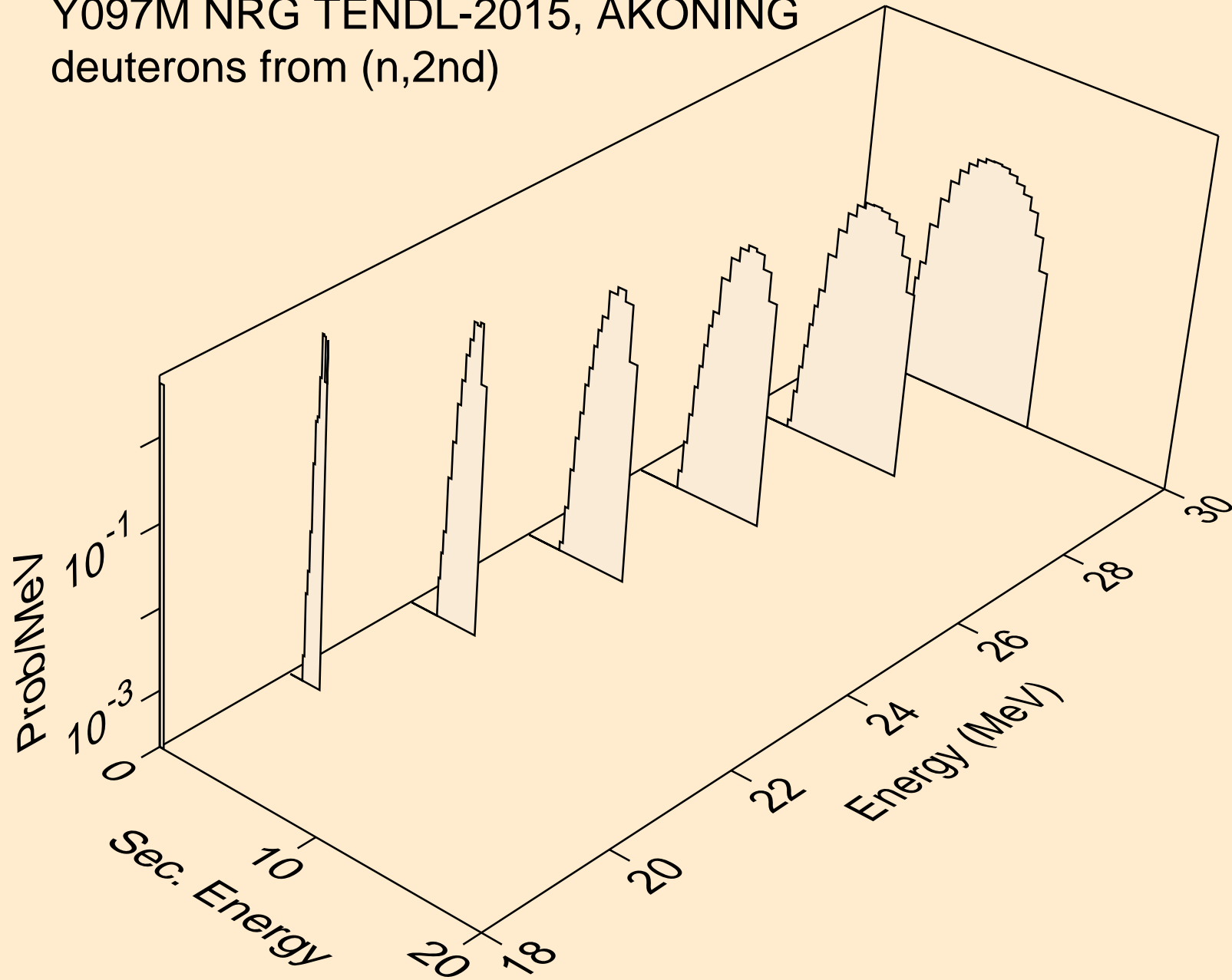
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protons from (n,p)



Y097M NRG TENDL-2015, AKONING  
deuterons from (n,x)

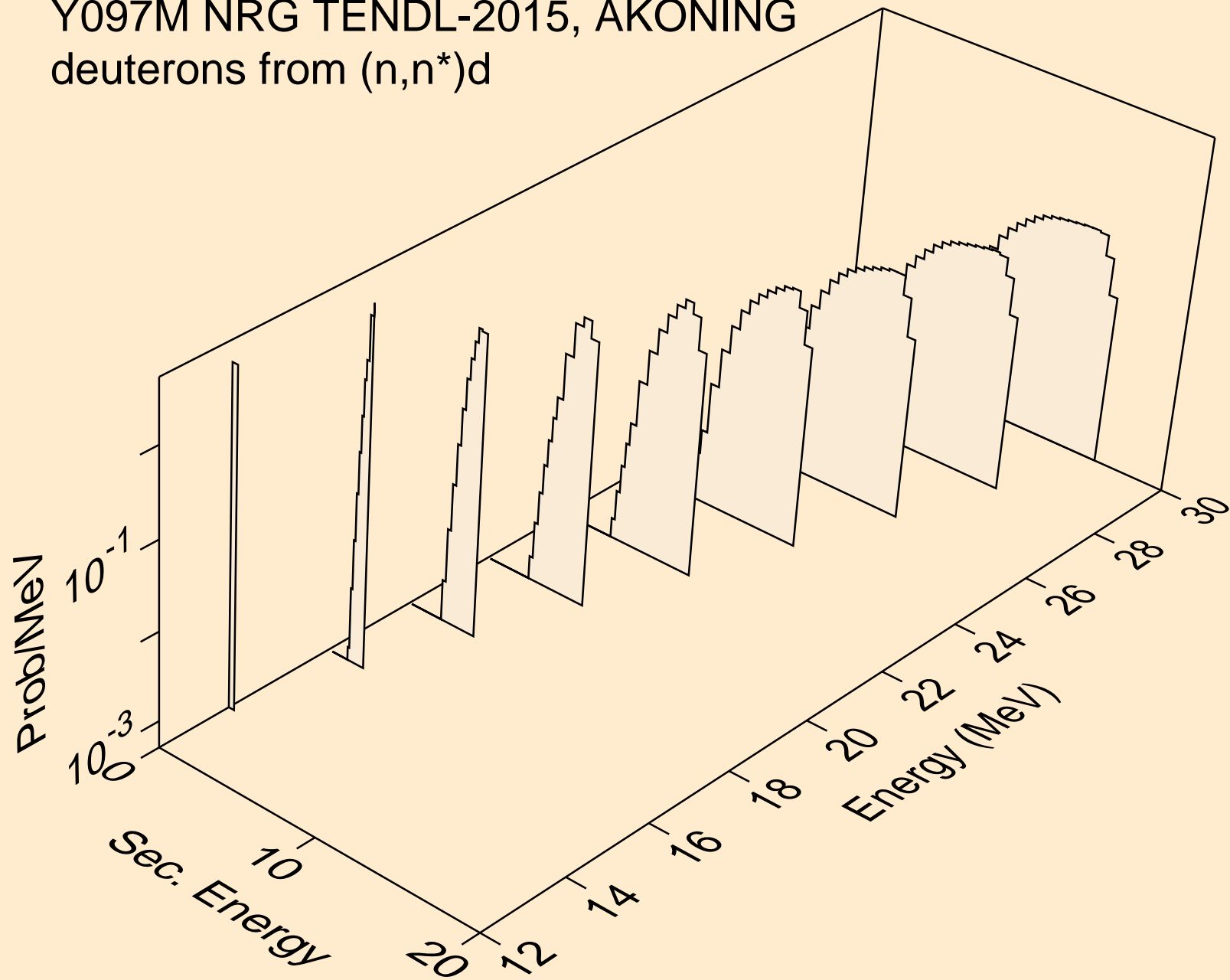


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deuterons from (n,2nd)

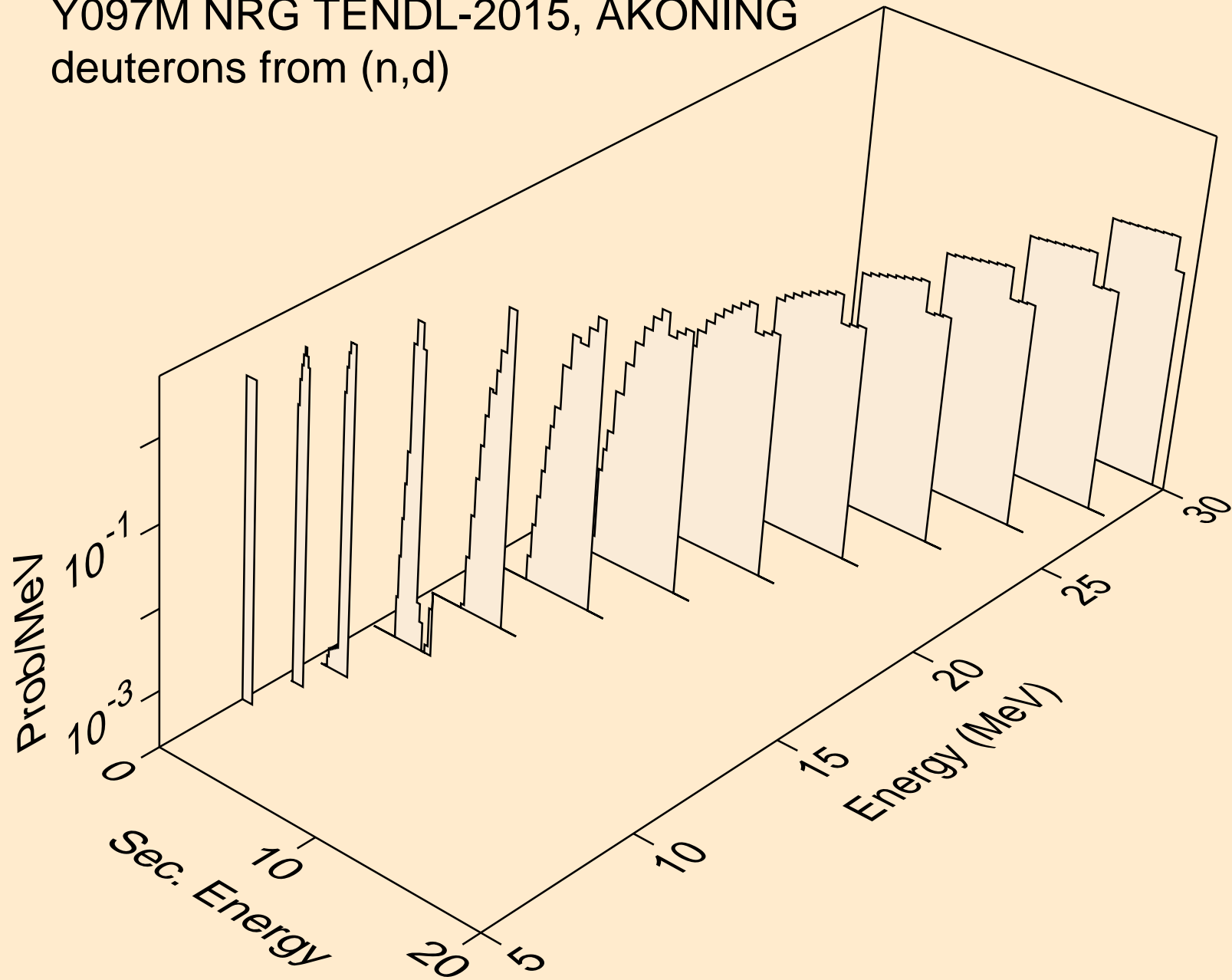




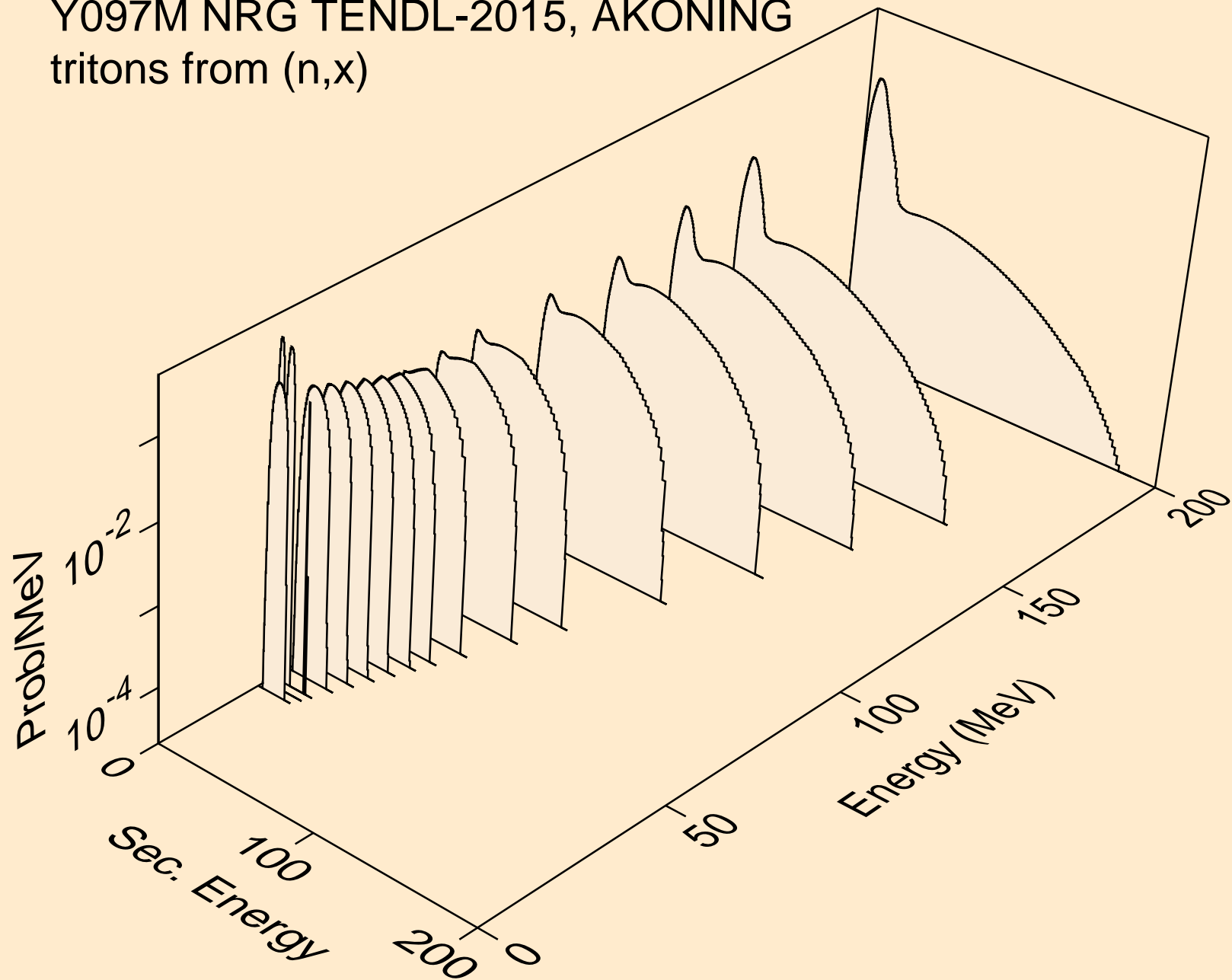
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deuterons from (n,n\*)d



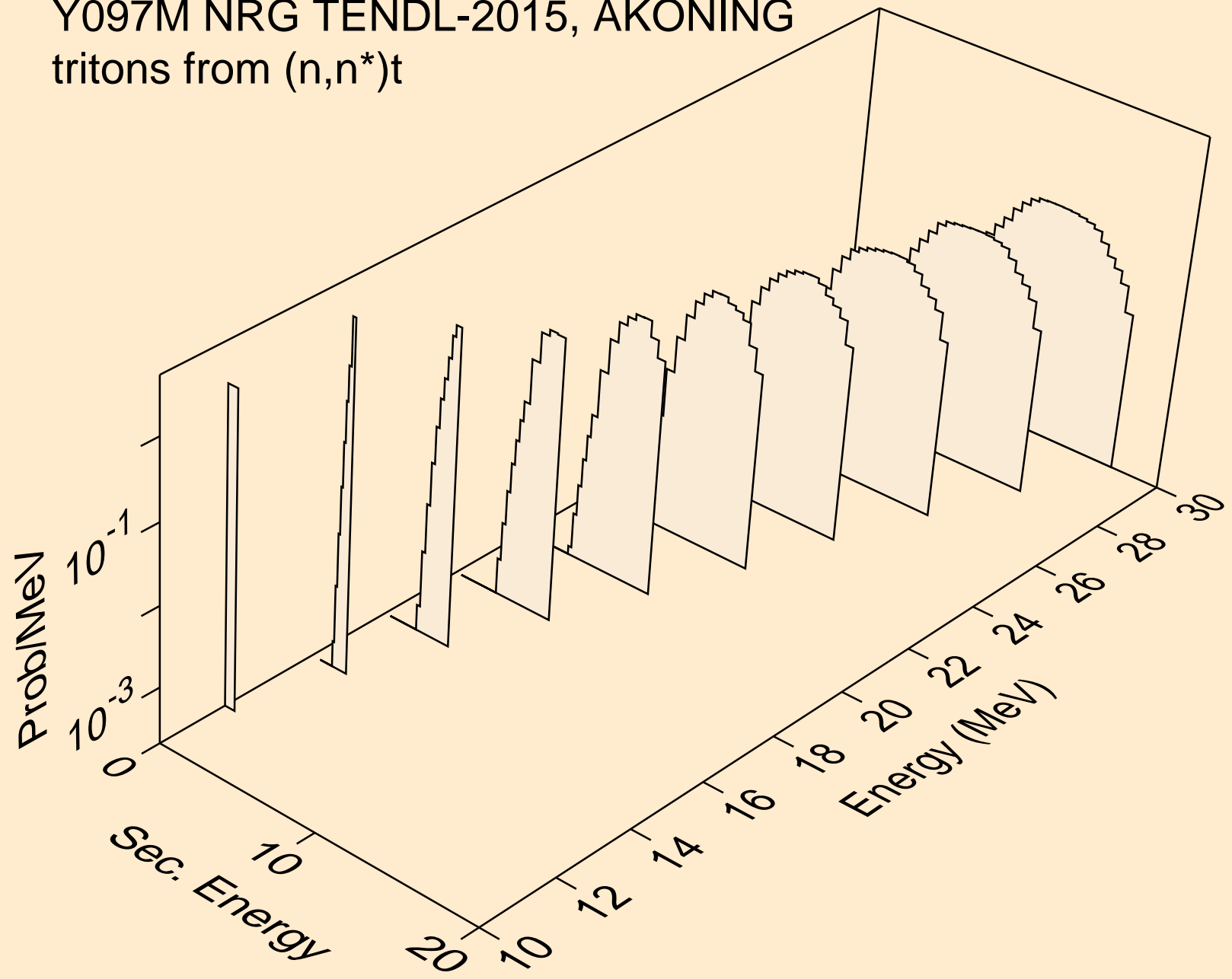
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deuterons from (n,d)



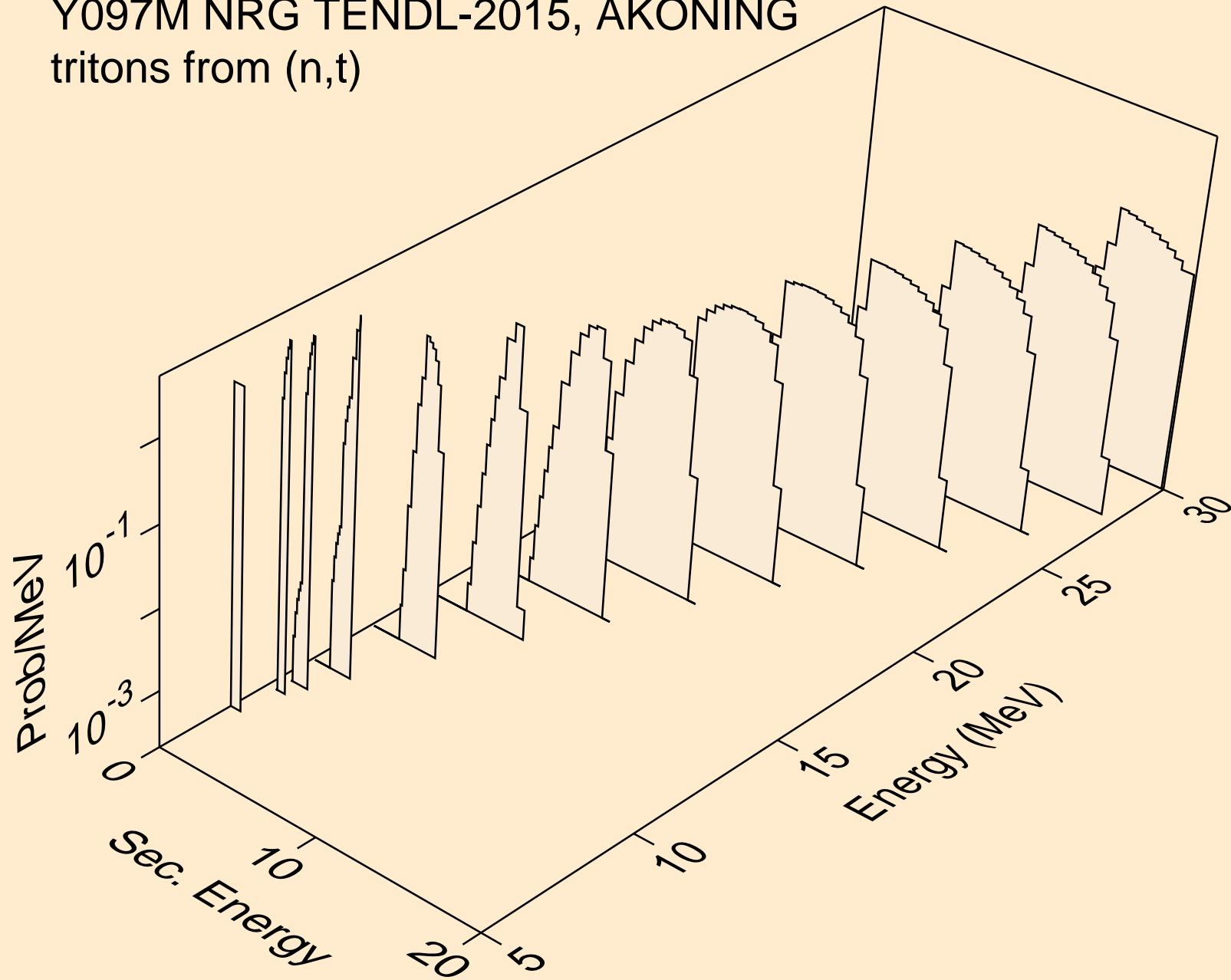
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tritons from (n,x)



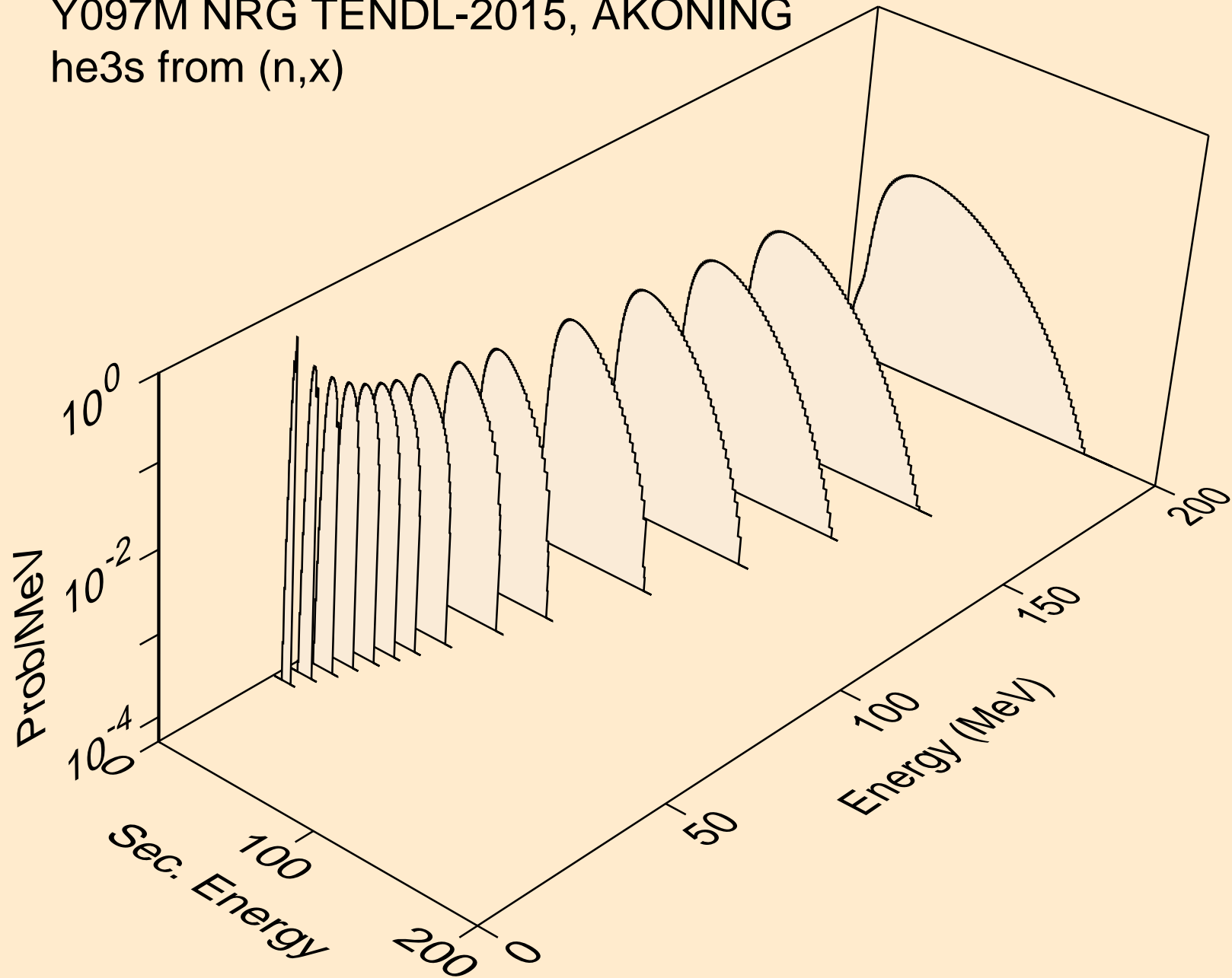
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tritons from (n,n\*)t



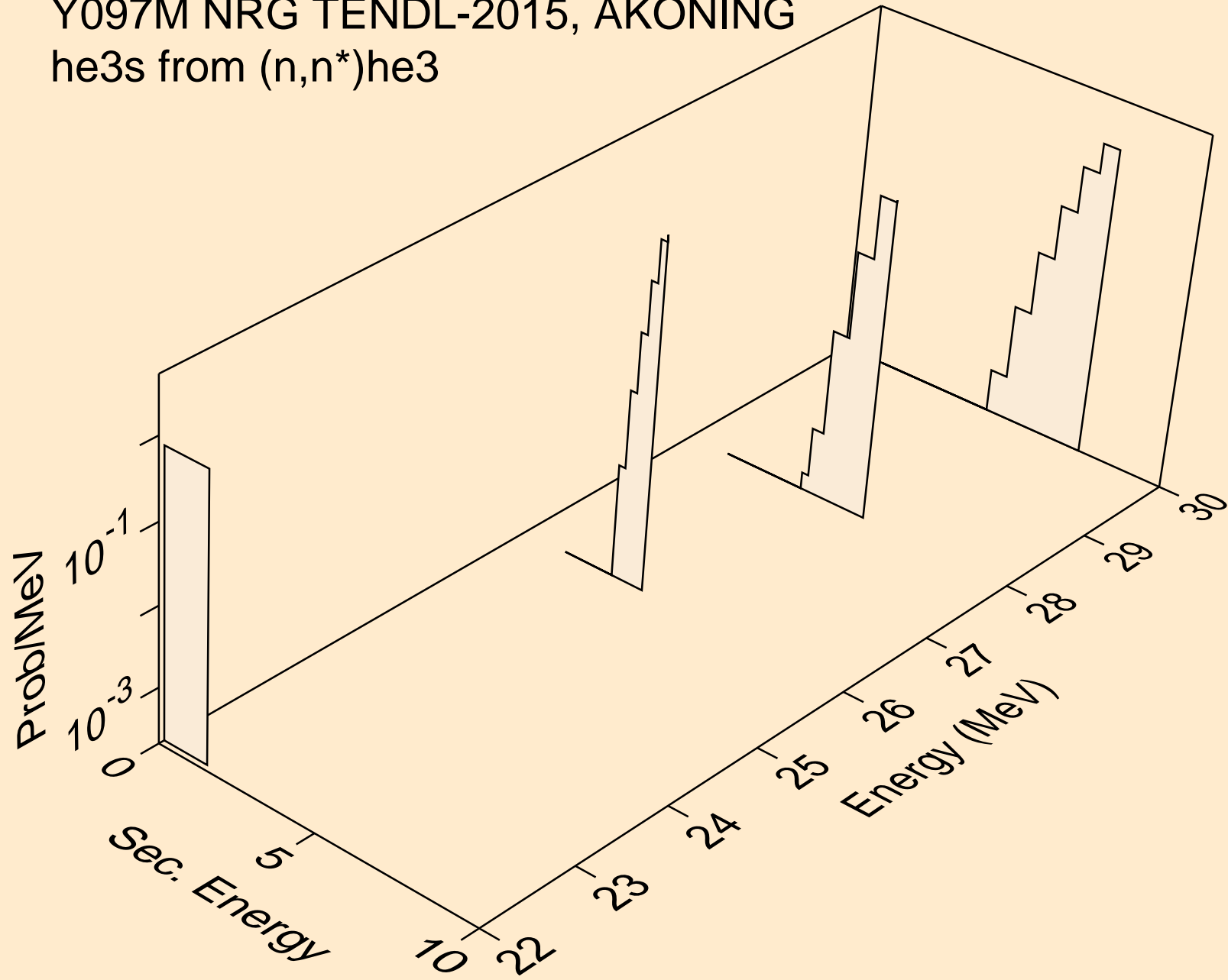
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tritons from (n,t)



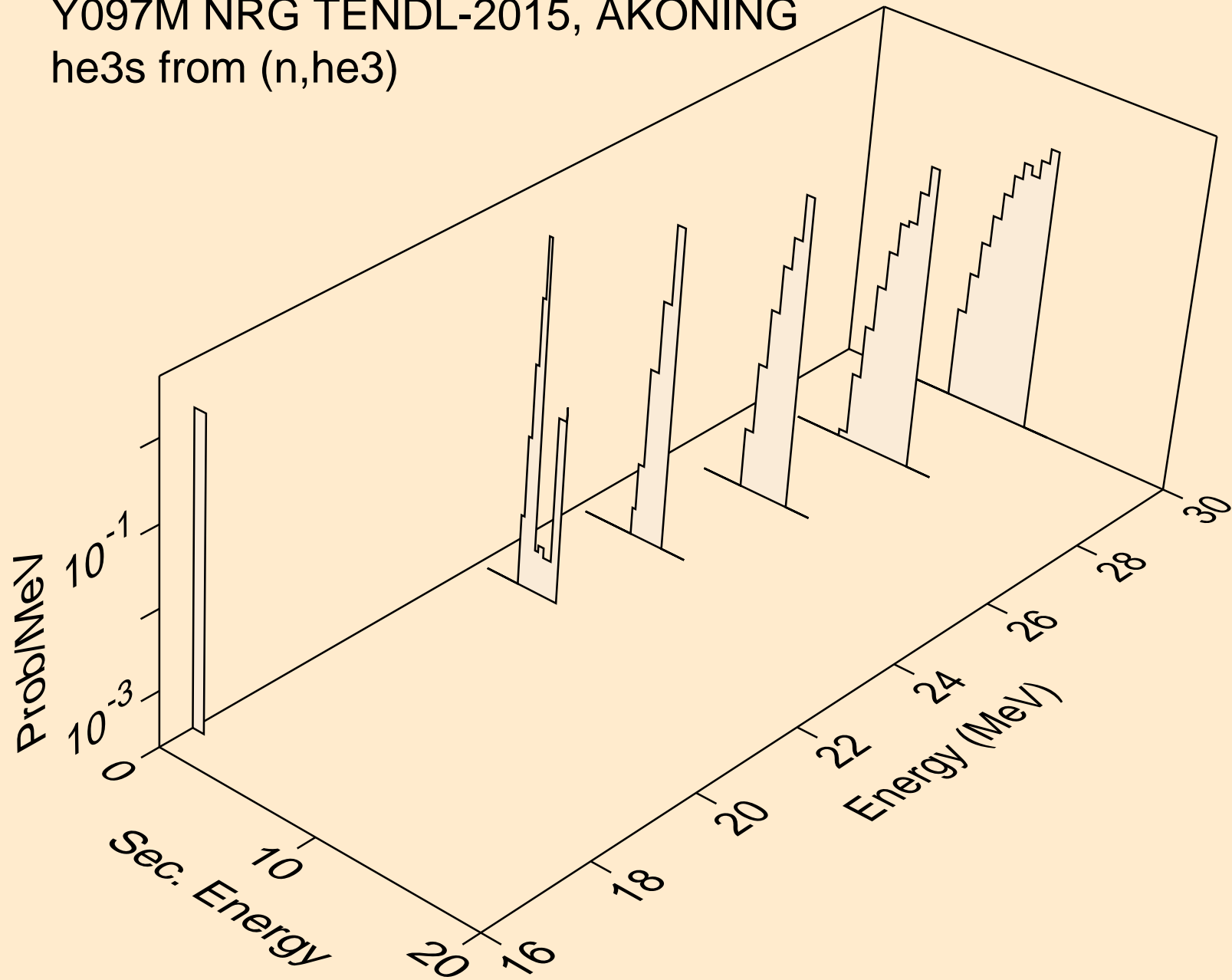
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he3s from (n,x)



Y097M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

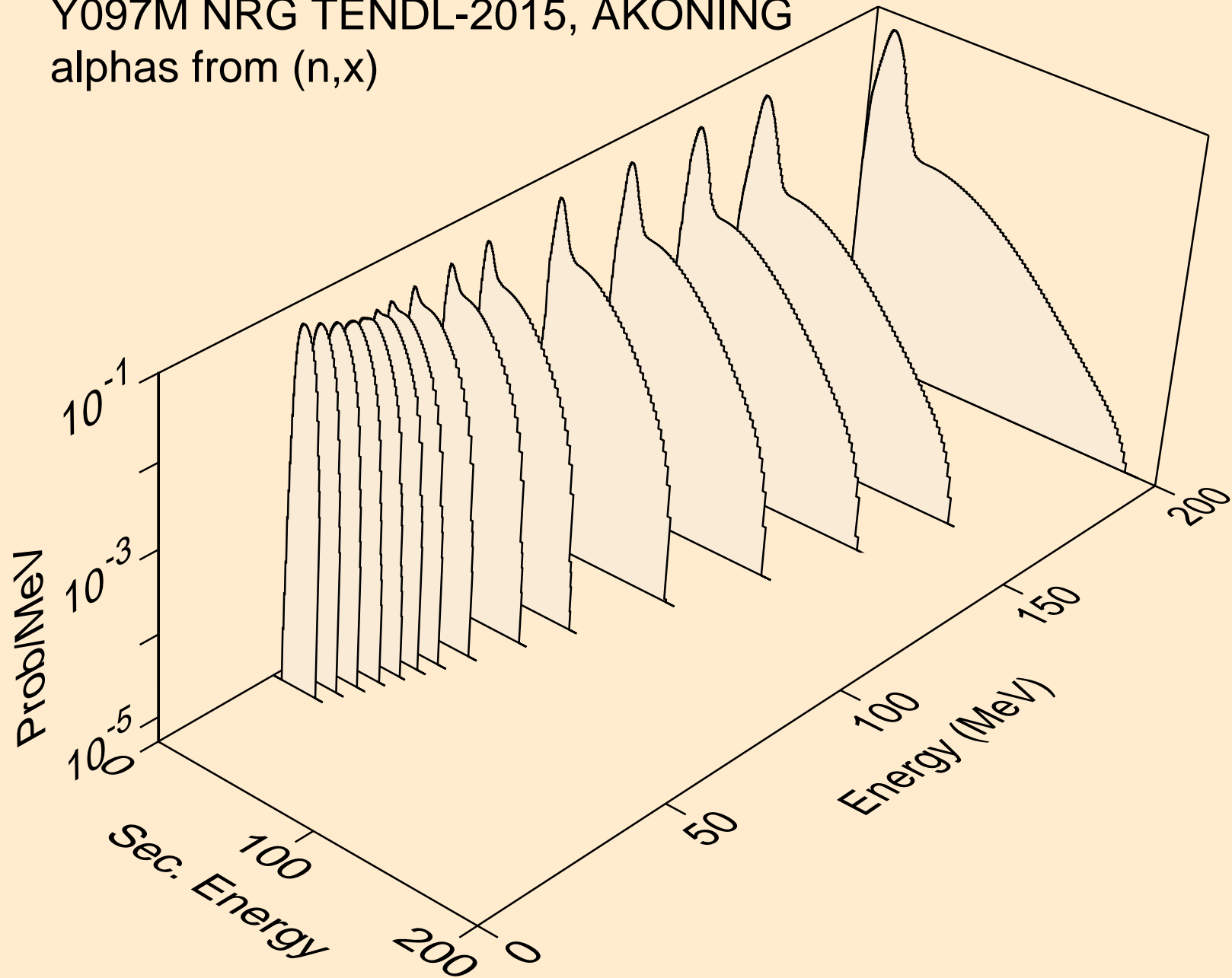


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he3s from (n,he3)

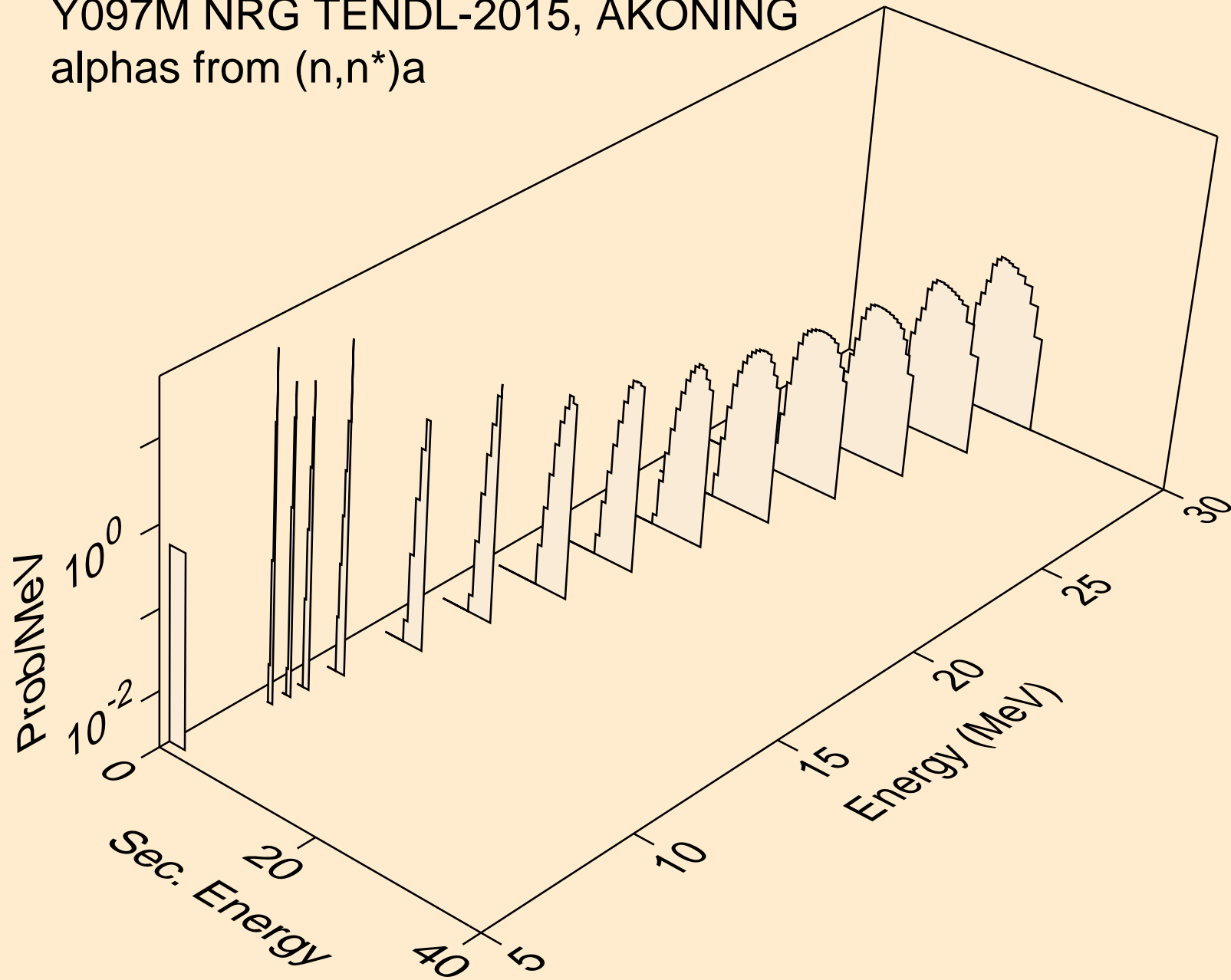




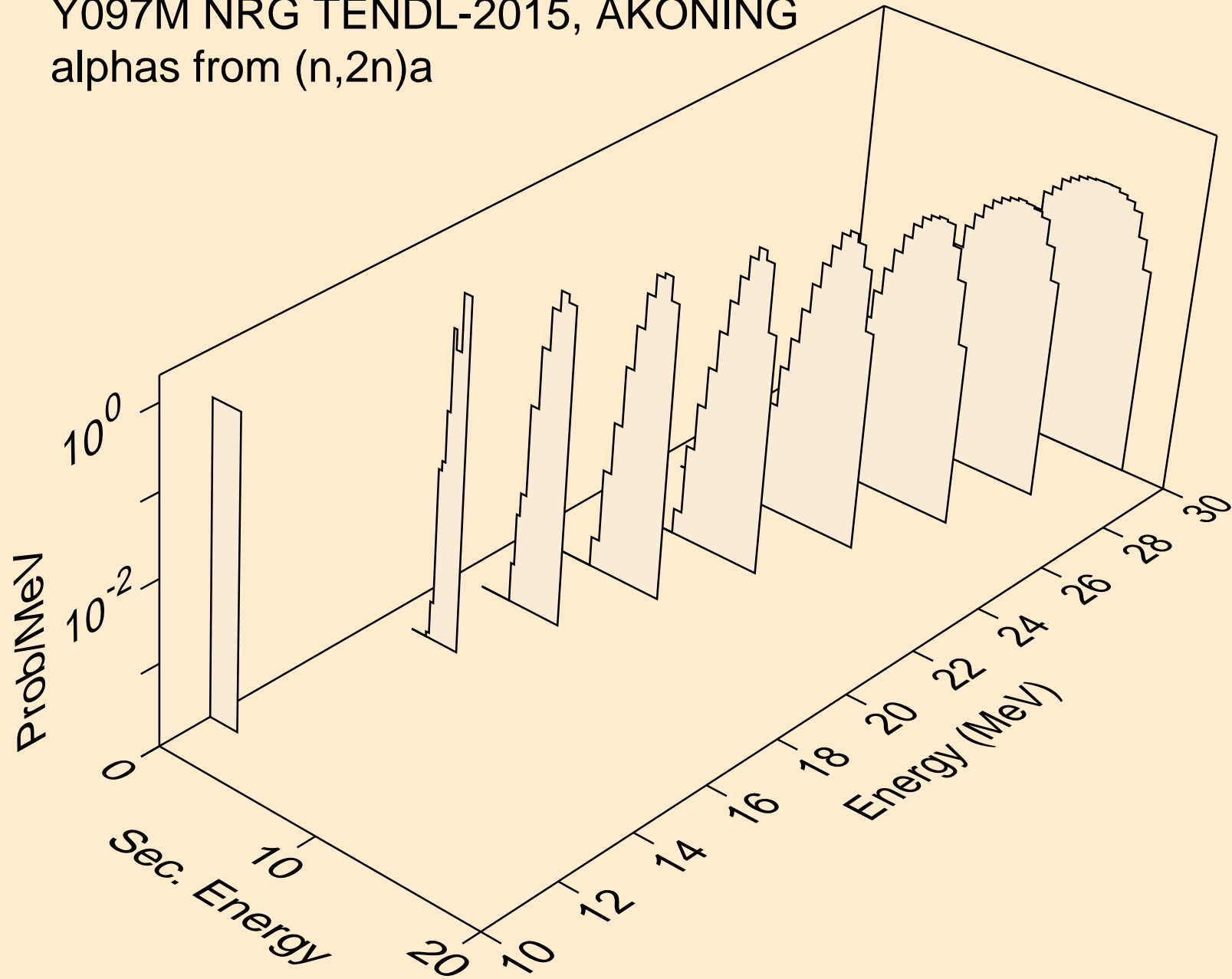
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alphas from (n,x)



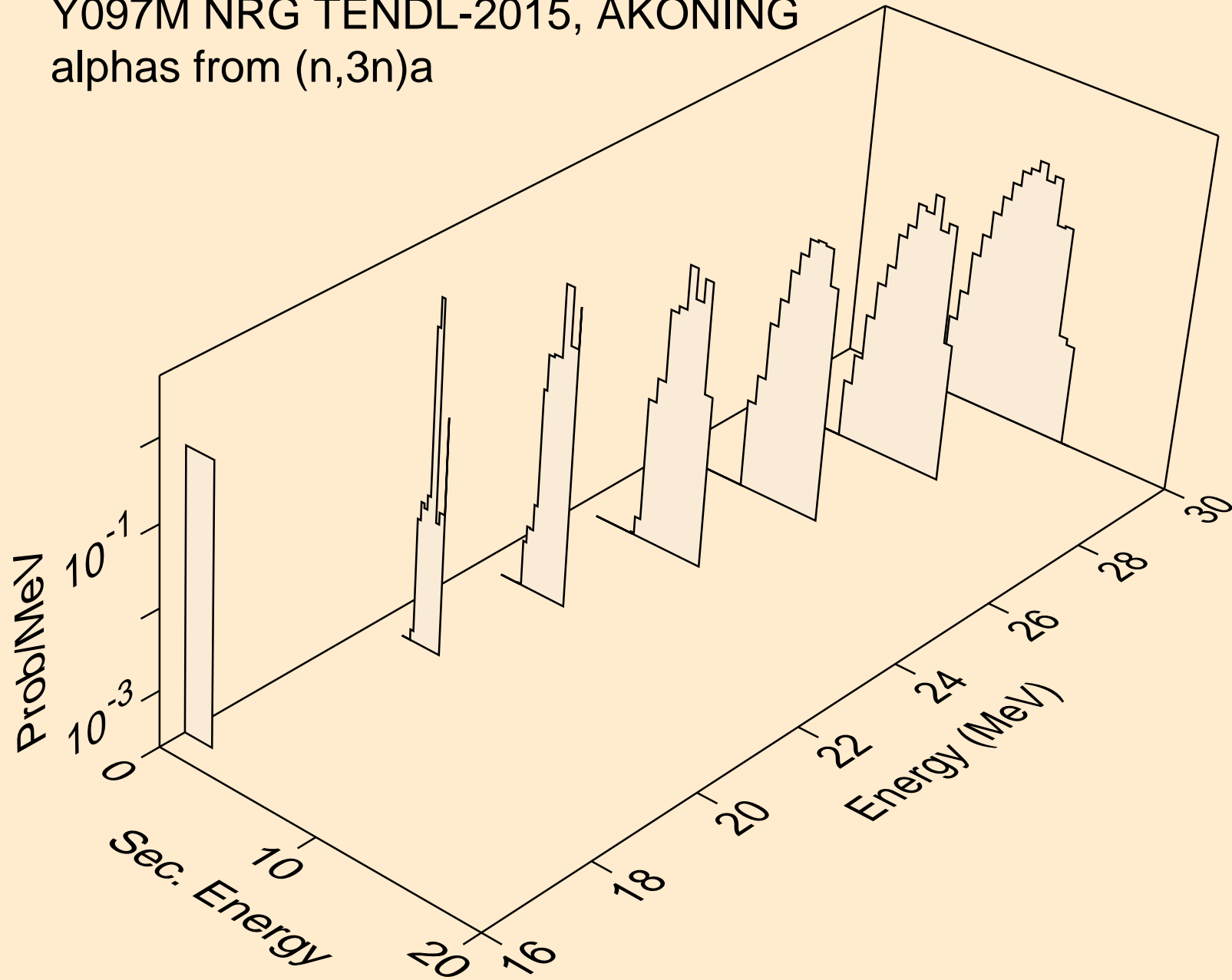
Y097M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



Y097M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



Y097M NRG TENDL-2015, AKONING  
alphas from (n,3n)a



Y097M NRG TENDL-2015, AKONING  
alphas from (n,a)

