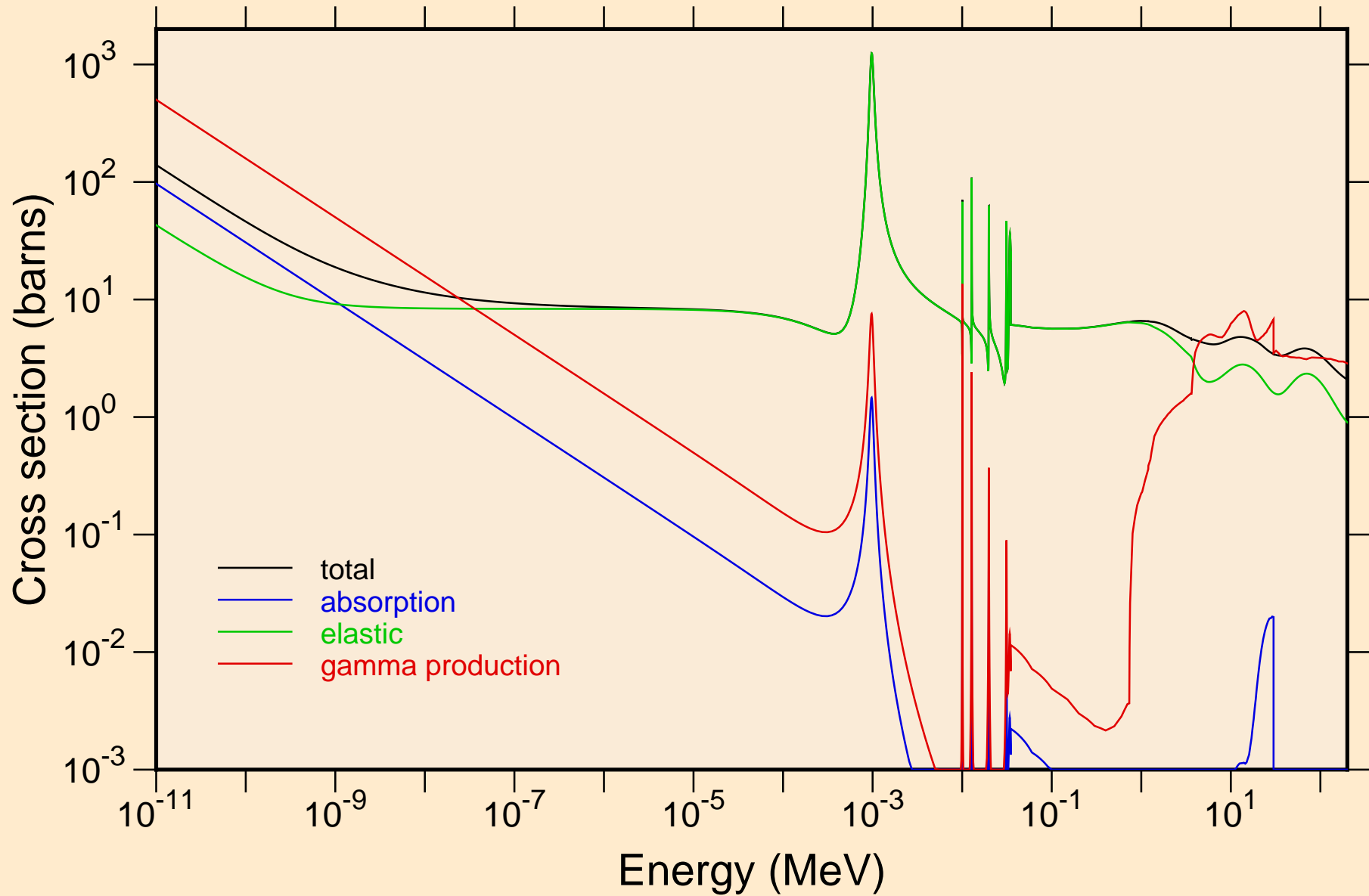
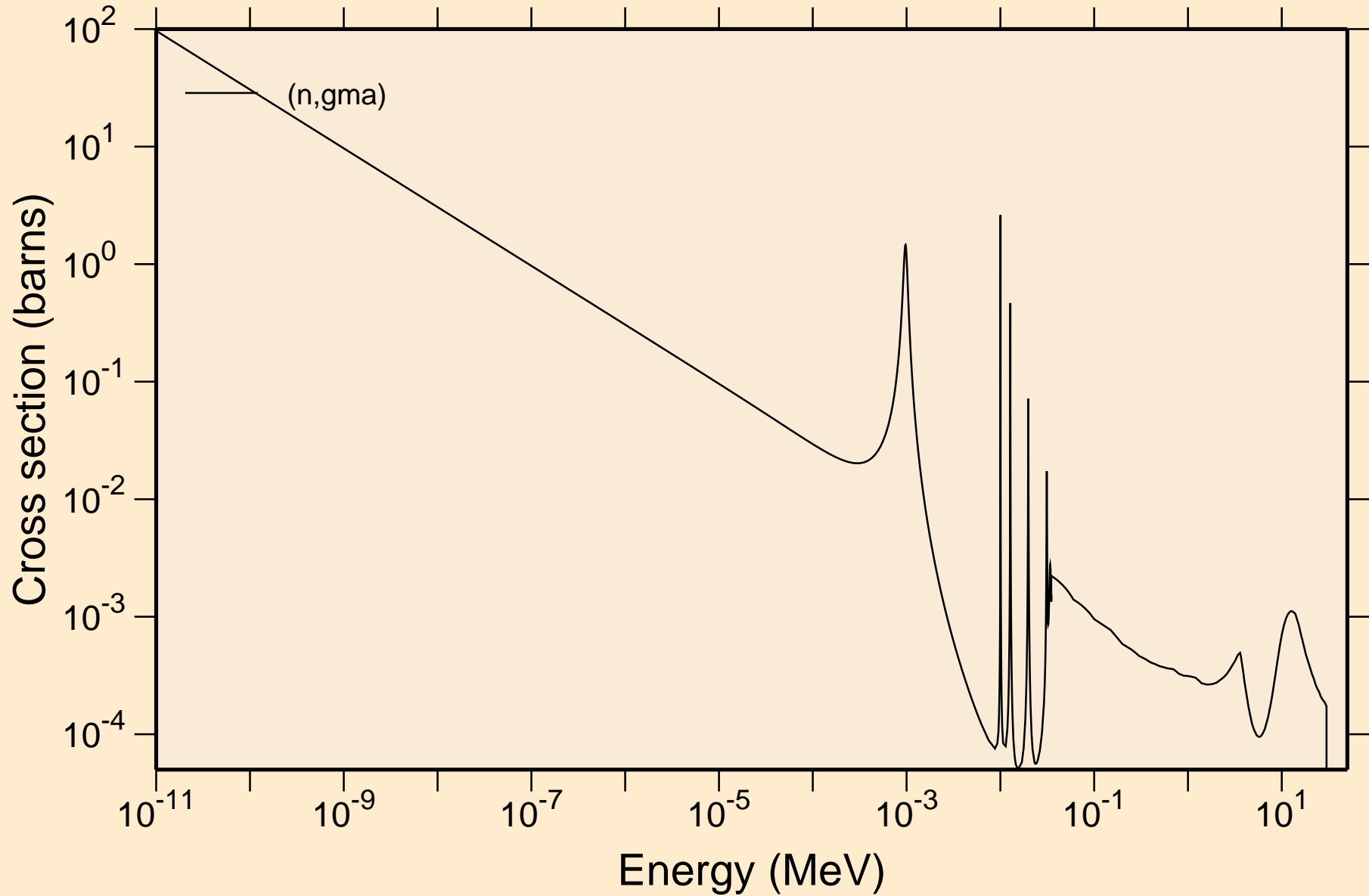


# SN129M NRG TENDL-2015, AKONING

## Principal cross sections

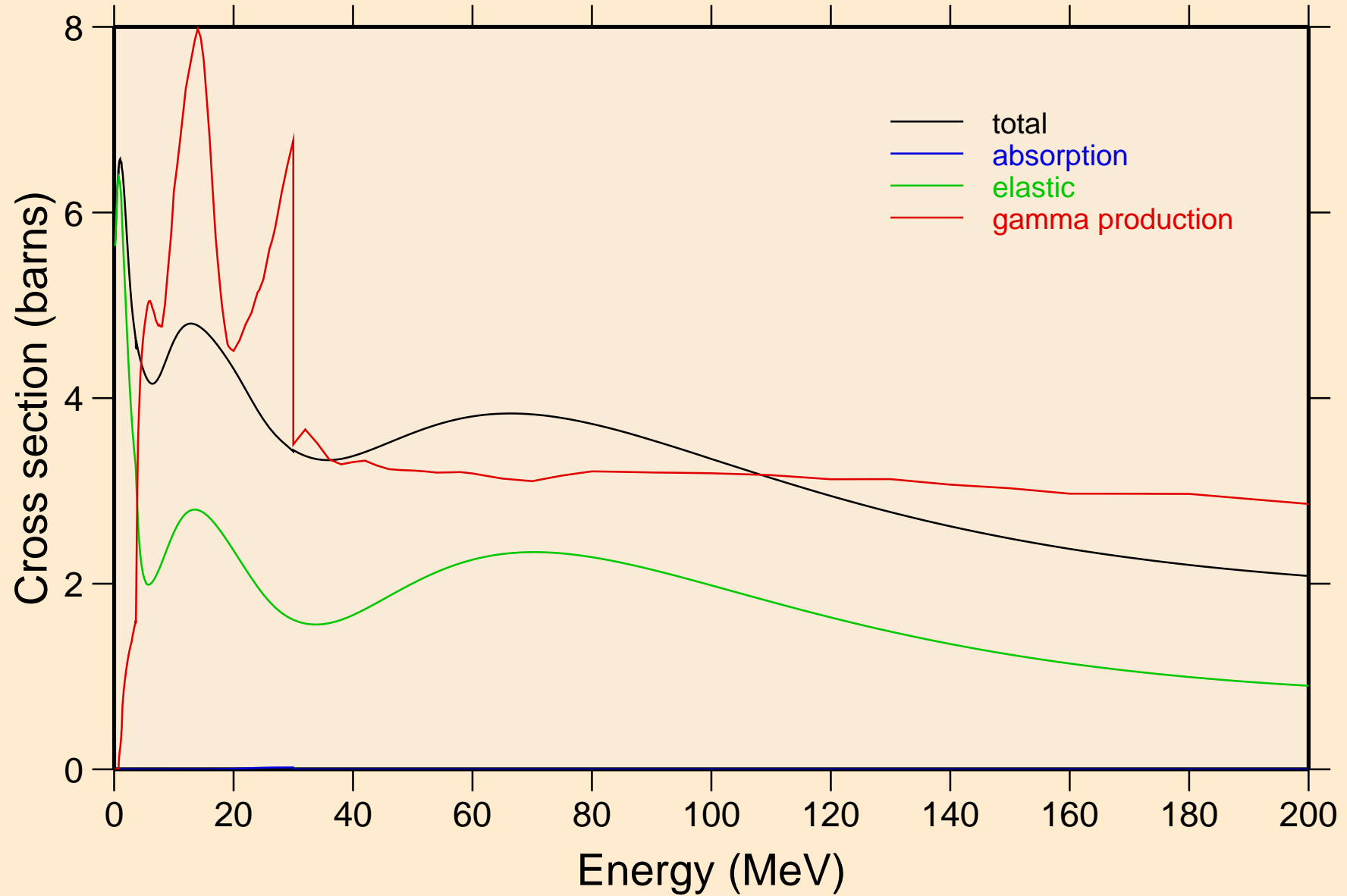


SN129M NRG TENDL-2015, AKONING  
Non-threshold reactions

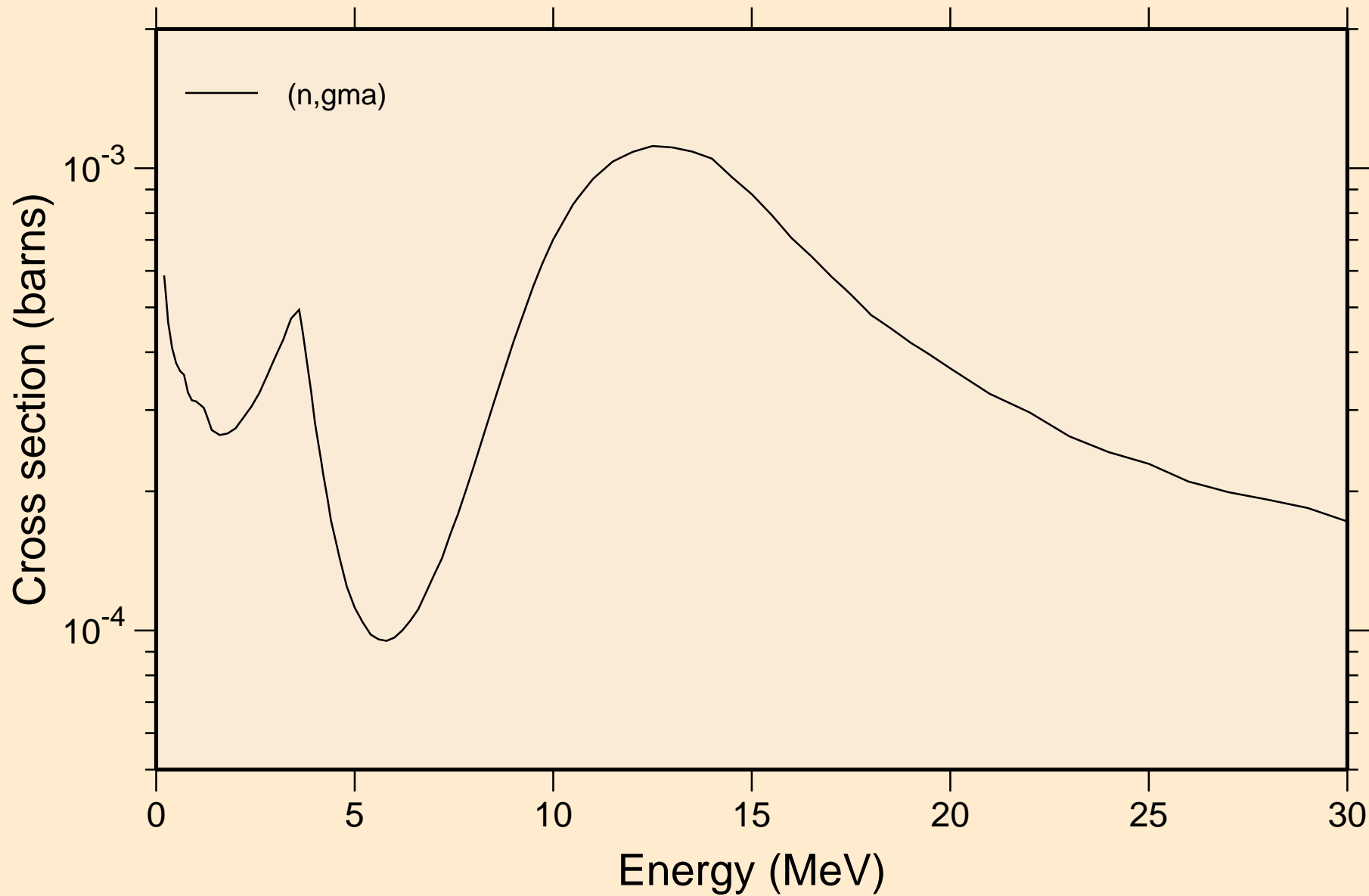


# SN129M NRG TENDL-2015, AKONING

## Principal cross sections

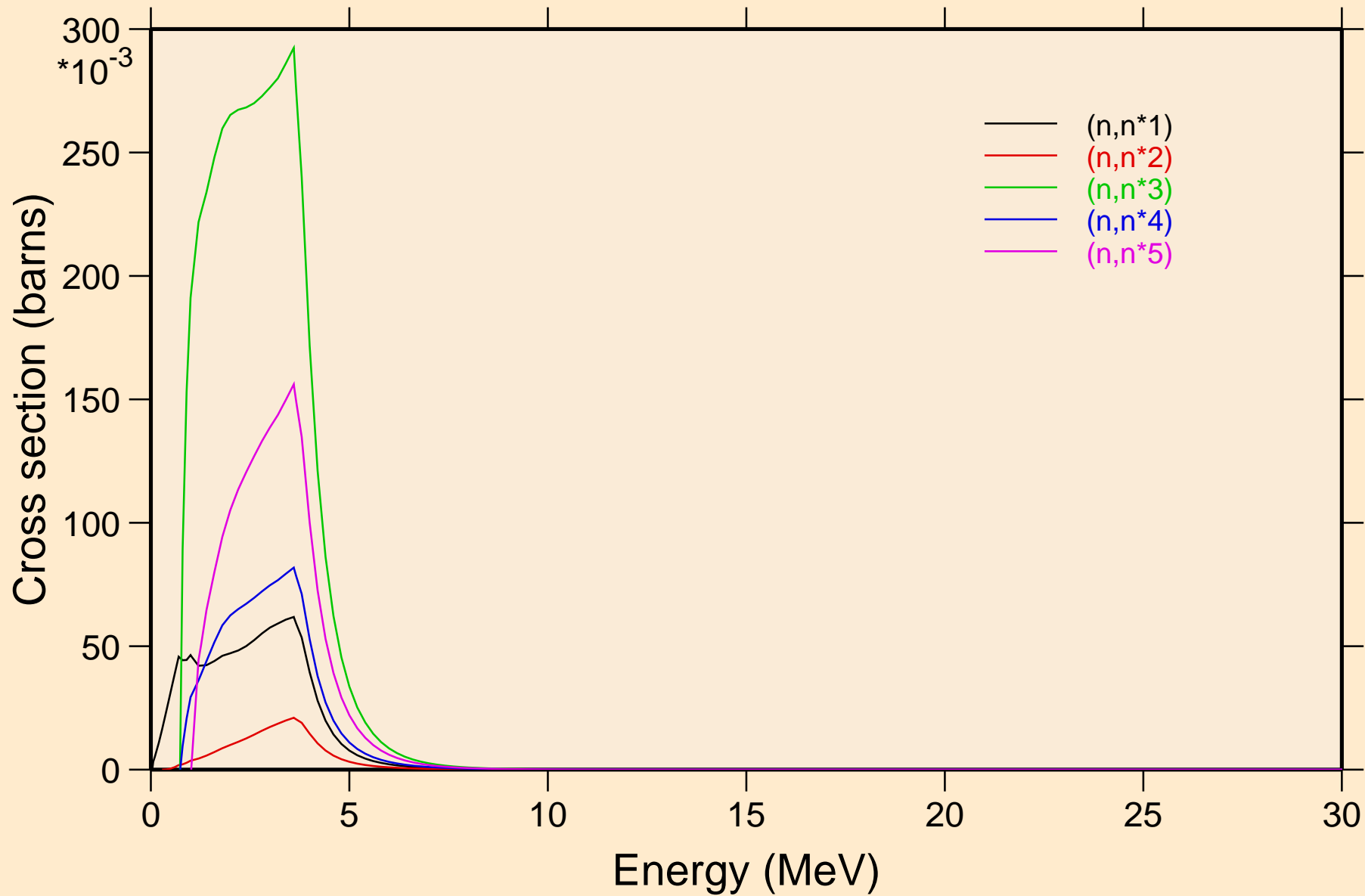


SN129M NRG TENDL-2015, AKONING  
Non-threshold reactions



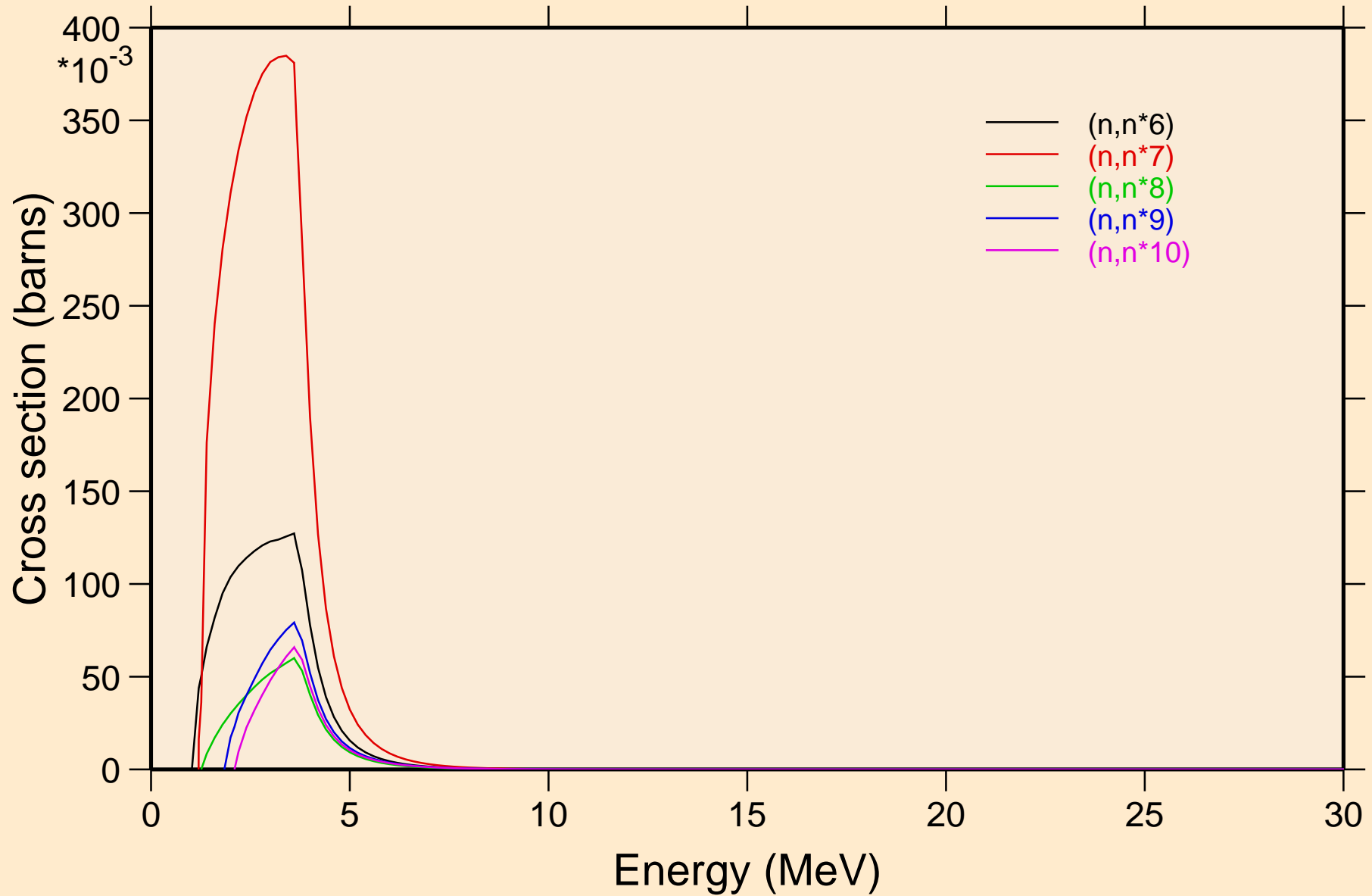
# SN129M NRG TENDL-2015, AKONING

## Inelastic levels



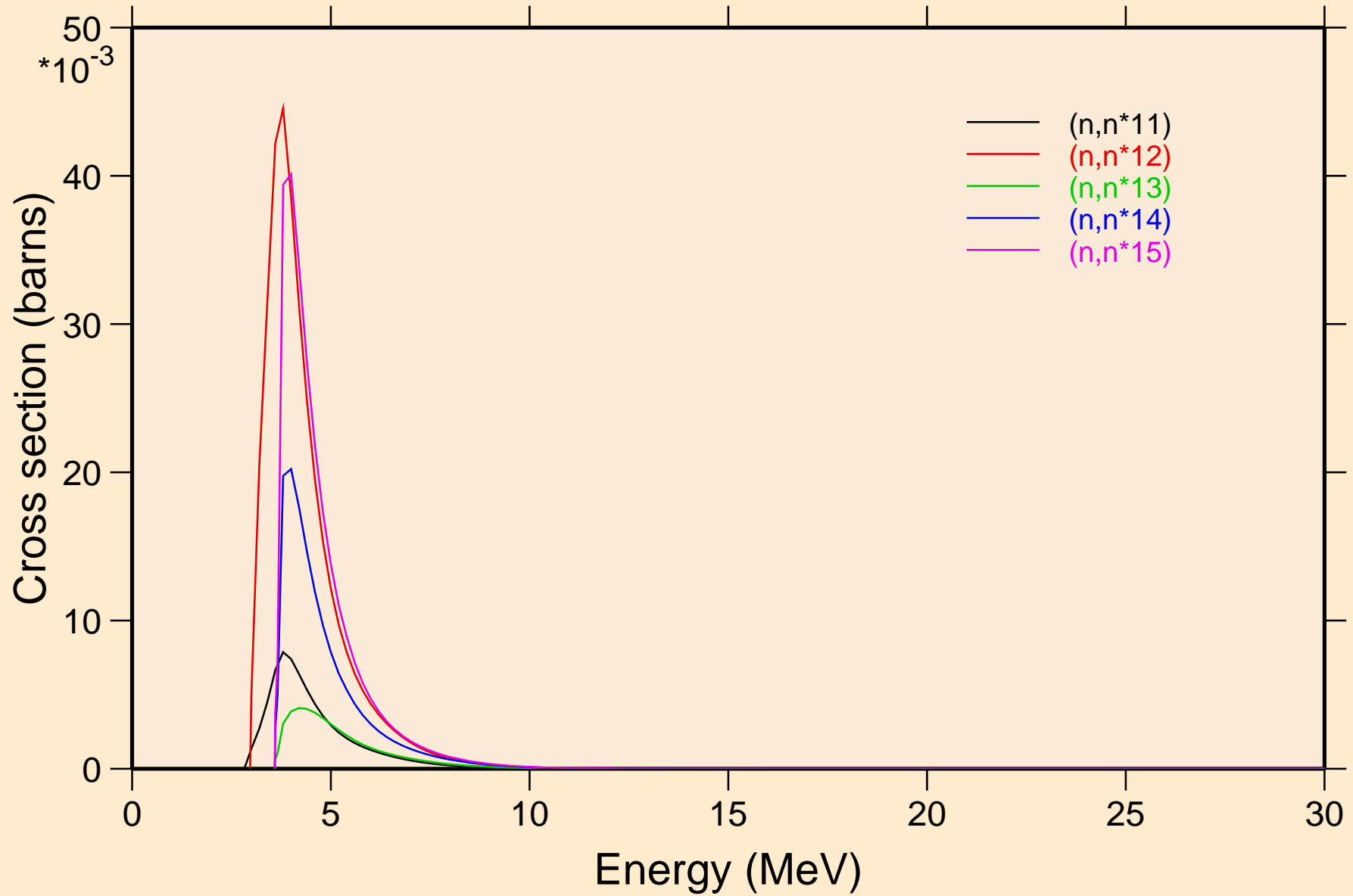
# SN129M NRG TENDL-2015, AKONING

## Inelastic levels



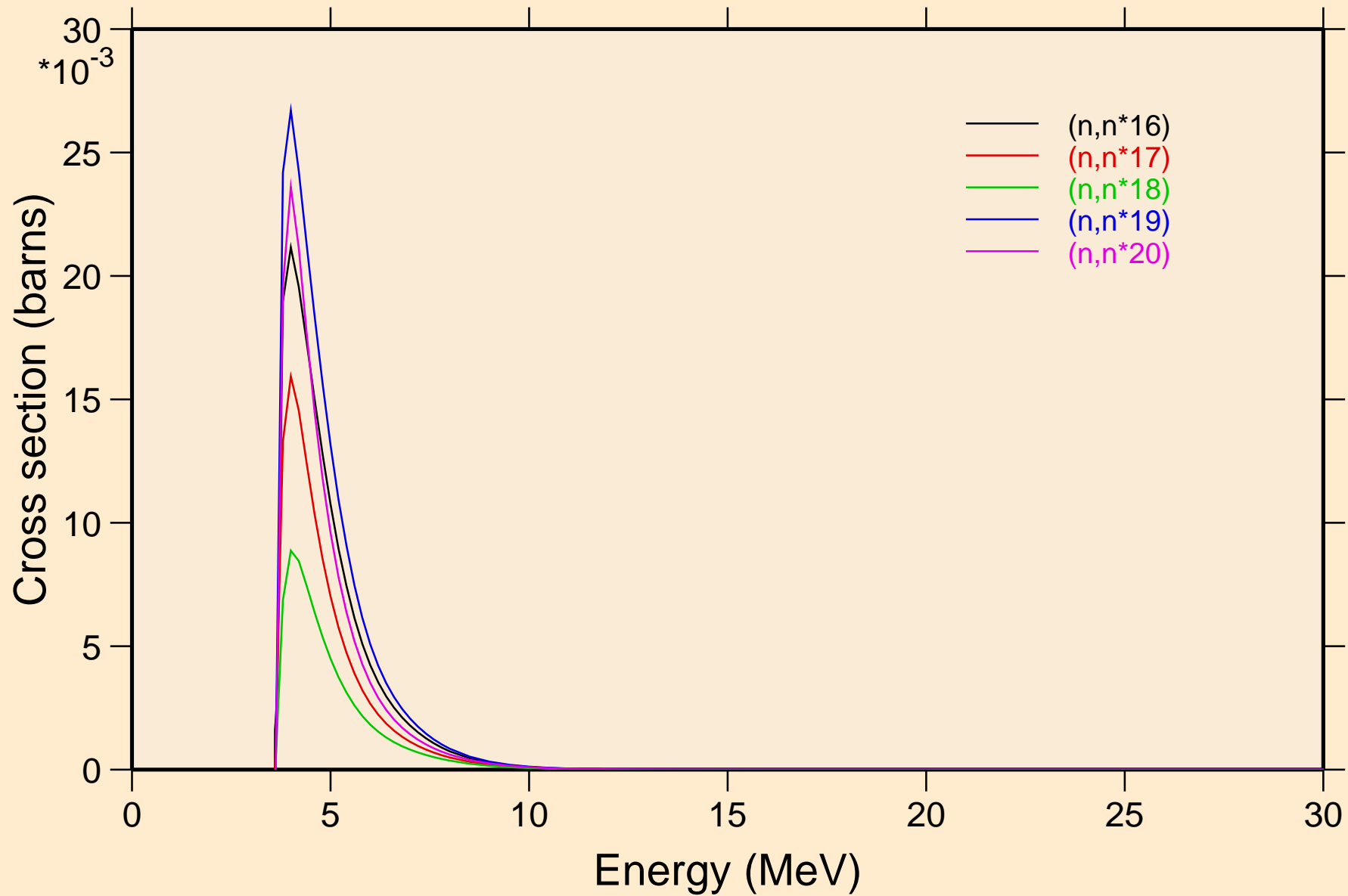
# SN129M NRG TENDL-2015, AKONING

## Inelastic levels



# SN129M NRG TENDL-2015, AKONING

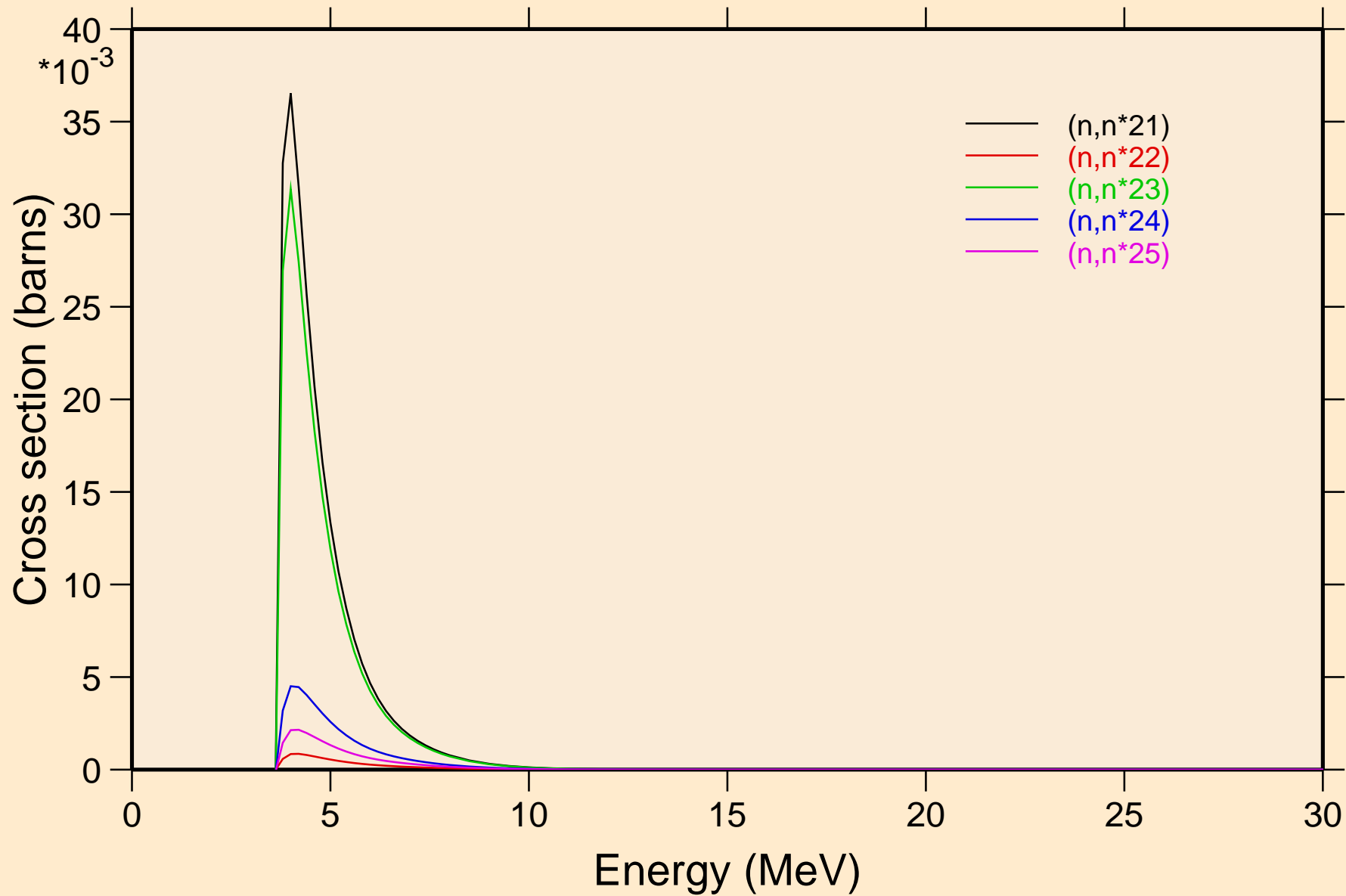
## Inelastic levels





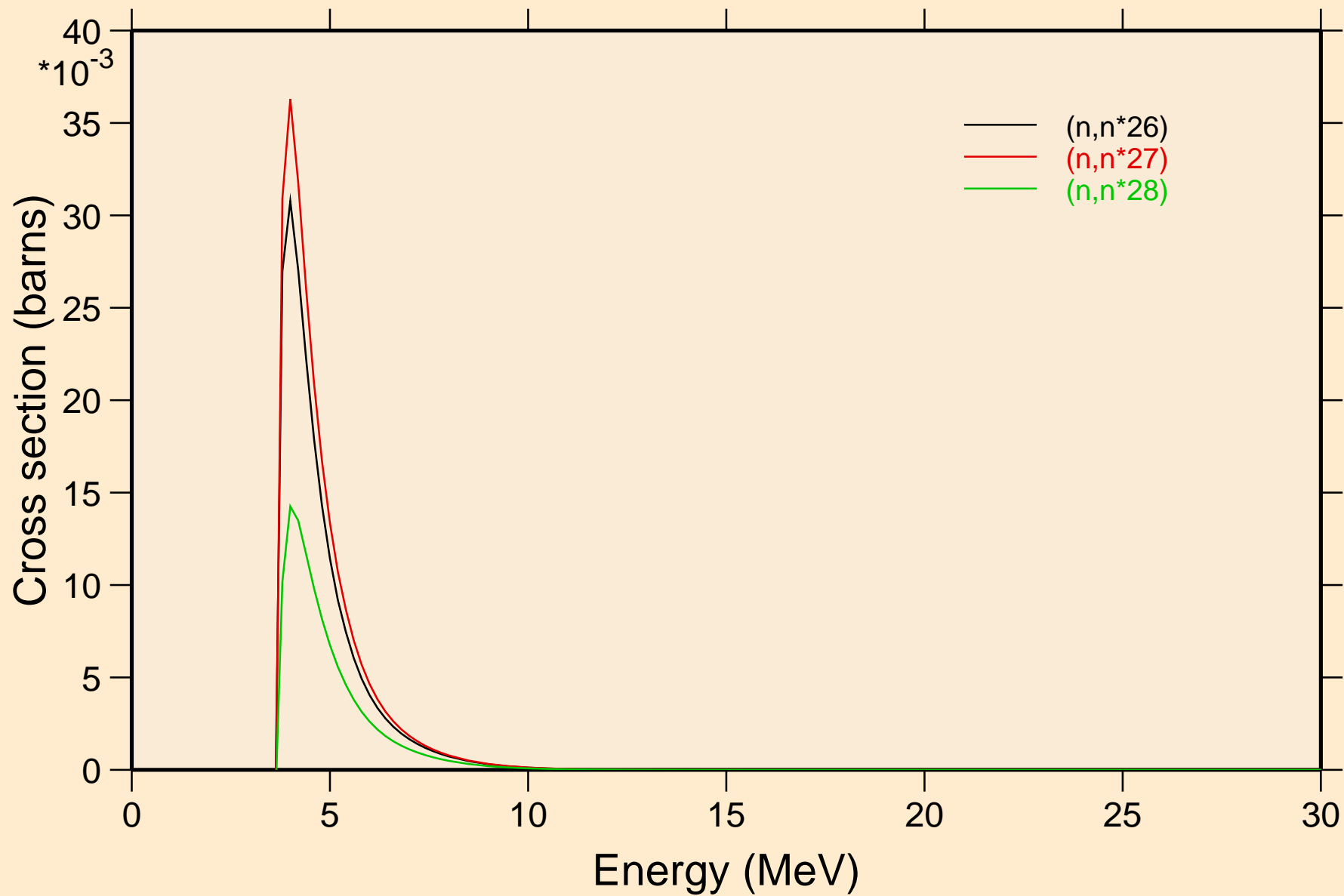
# SN129M NRG TENDL-2015, AKONING

## Inelastic levels



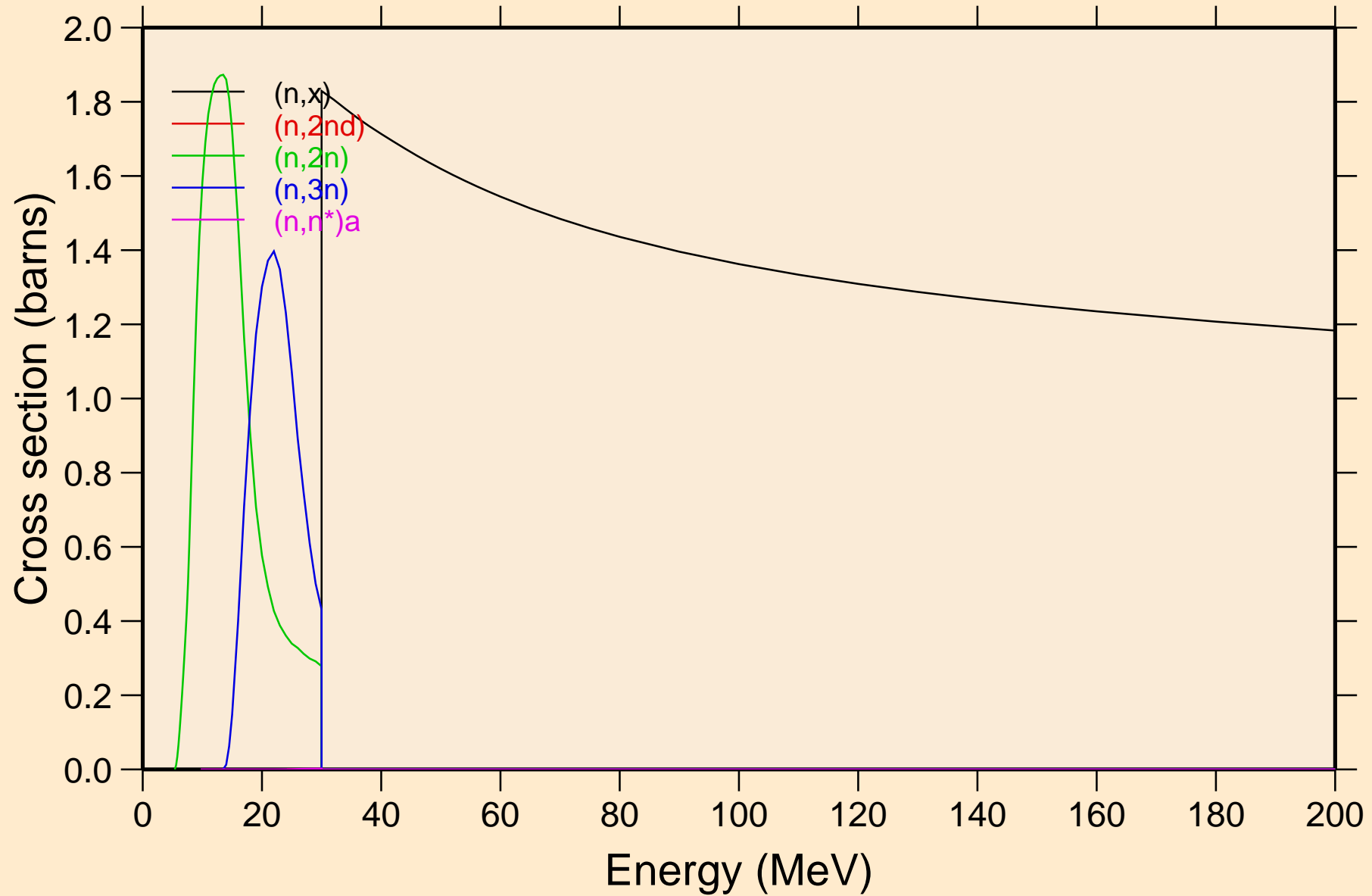
# SN129M NRG TENDL-2015, AKONING

## Inelastic levels



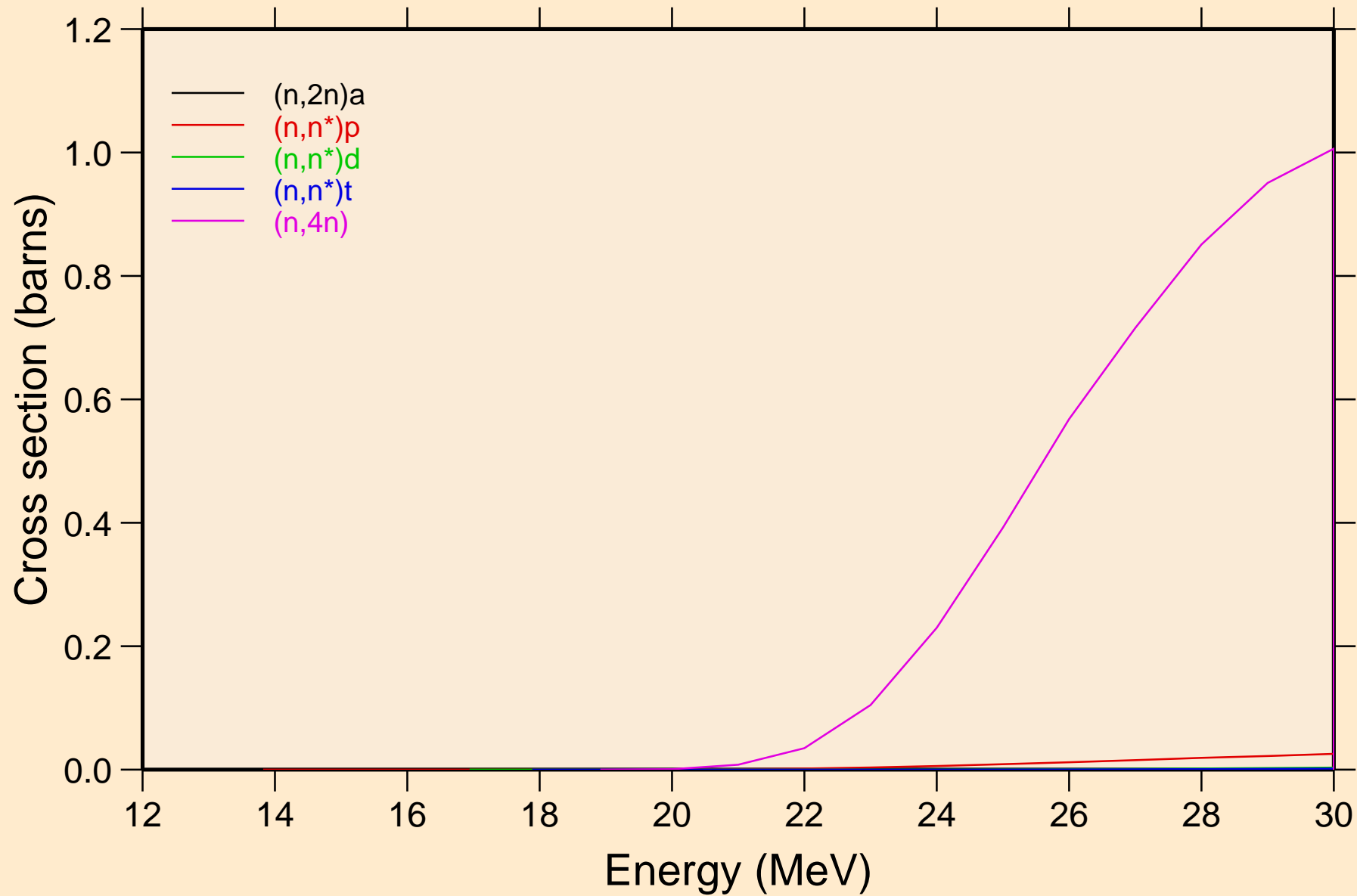
# SN129M NRG TENDL-2015, AKONING

## Threshold reactions



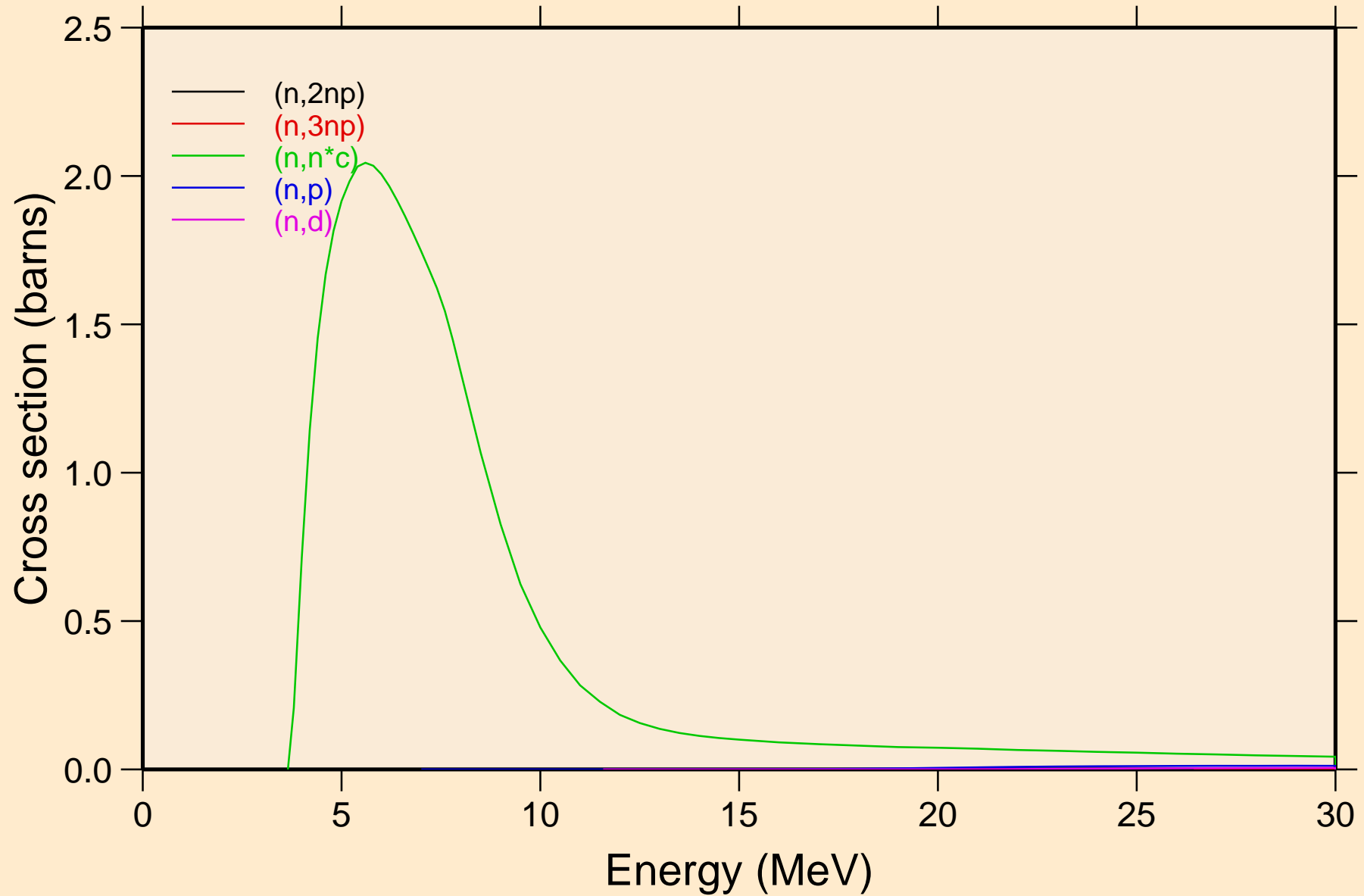
# SN129M NRG TENDL-2015, AKONING

## Threshold reactions



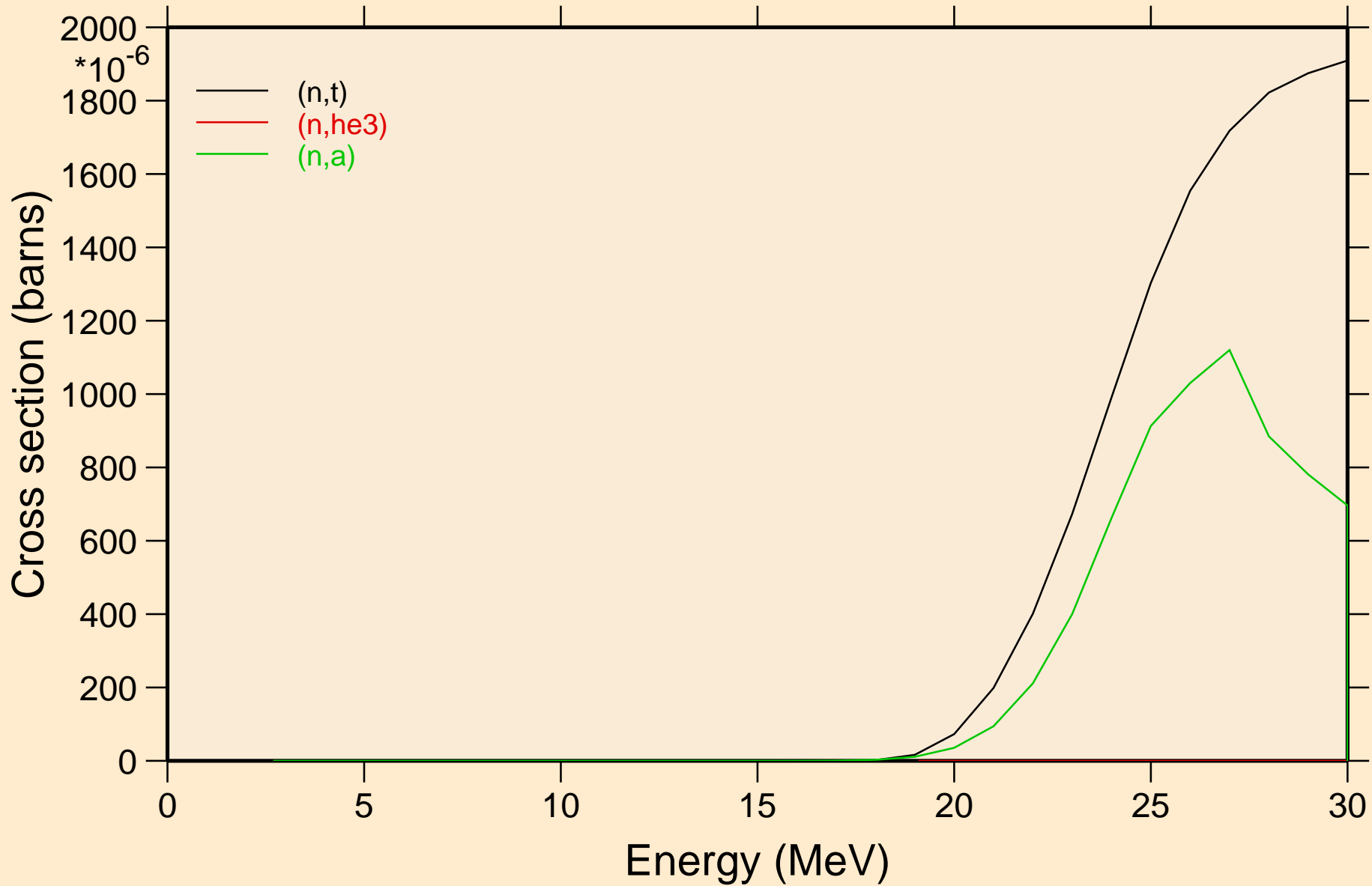
# SN129M NRG TENDL-2015, AKONING

## Threshold reactions

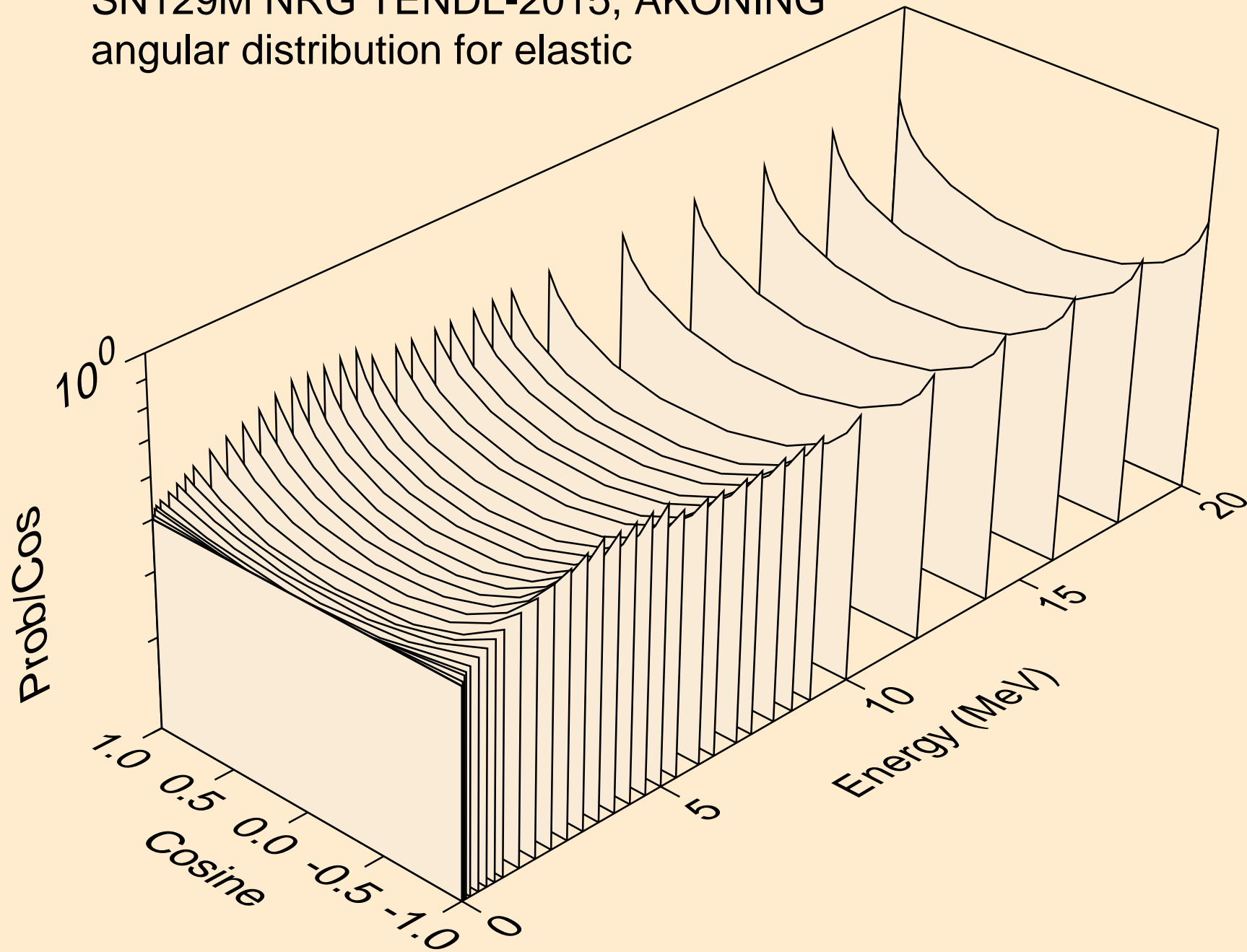


# SN129M NRG TENDL-2015, AKONING

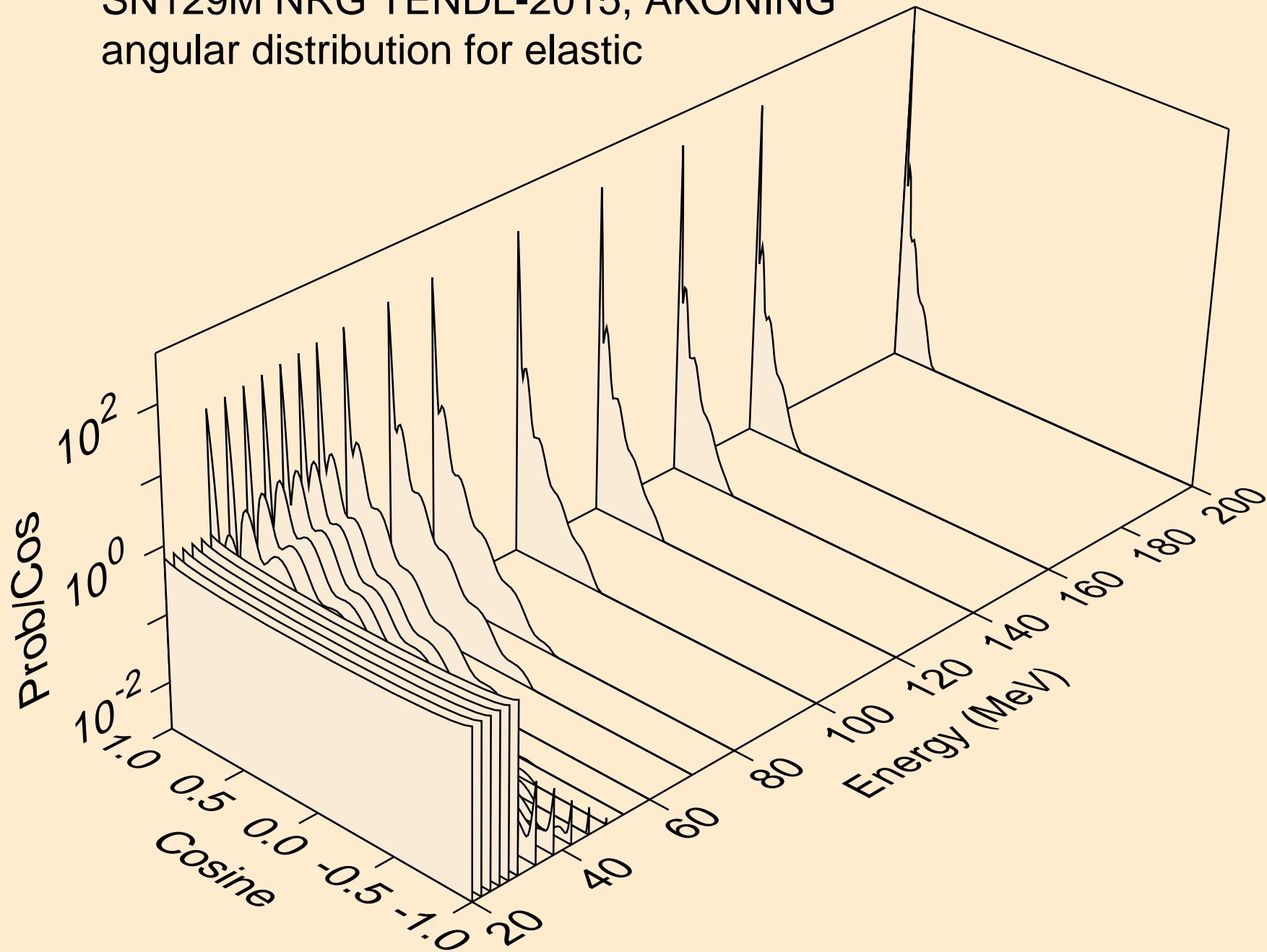
## Threshold reactions



SN129M NRG TENDL-2015, AKONING  
angular distribution for elastic

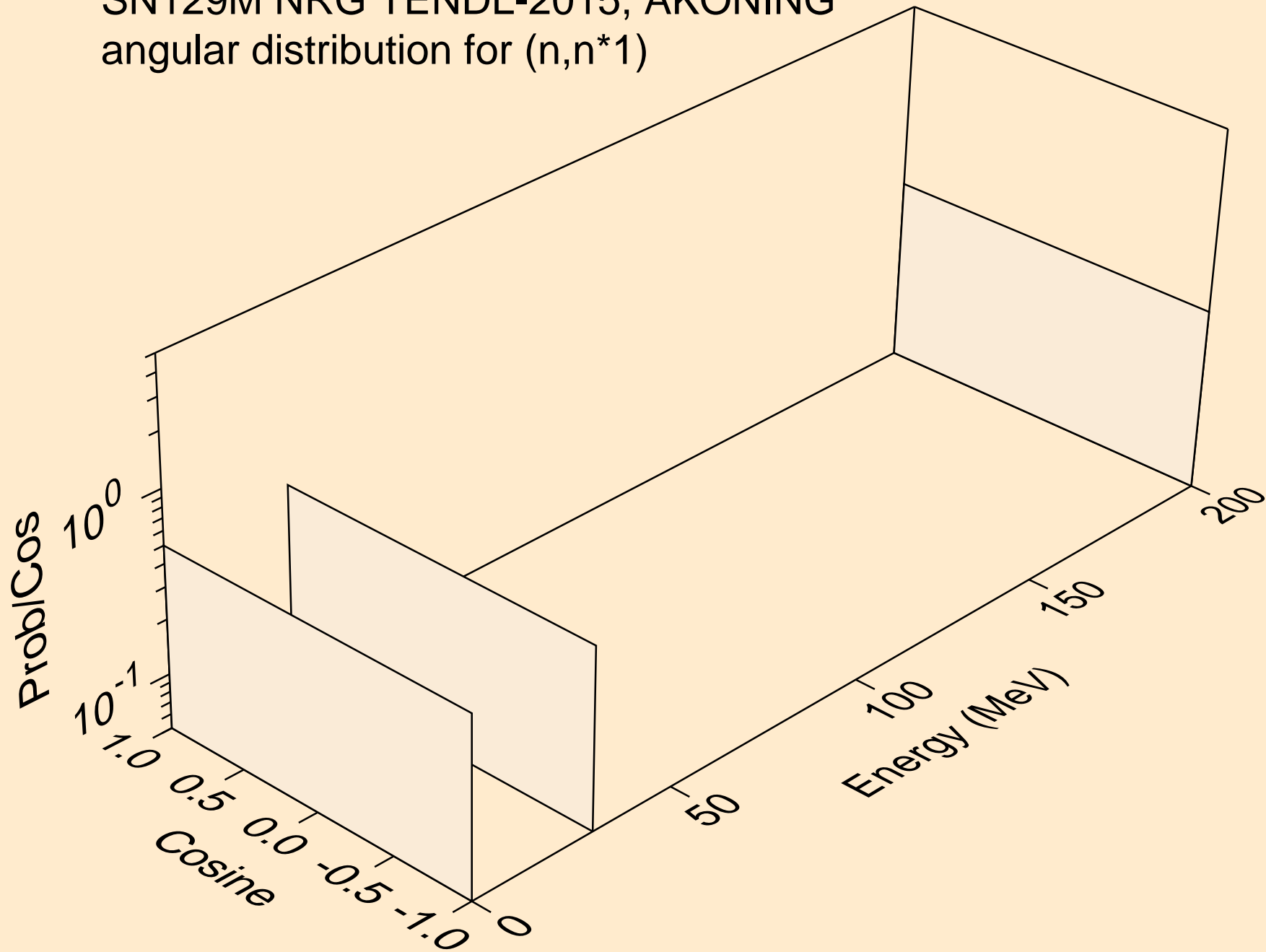


SN129M NRG TENDL-2015, AKONING  
angular distribution for elastic

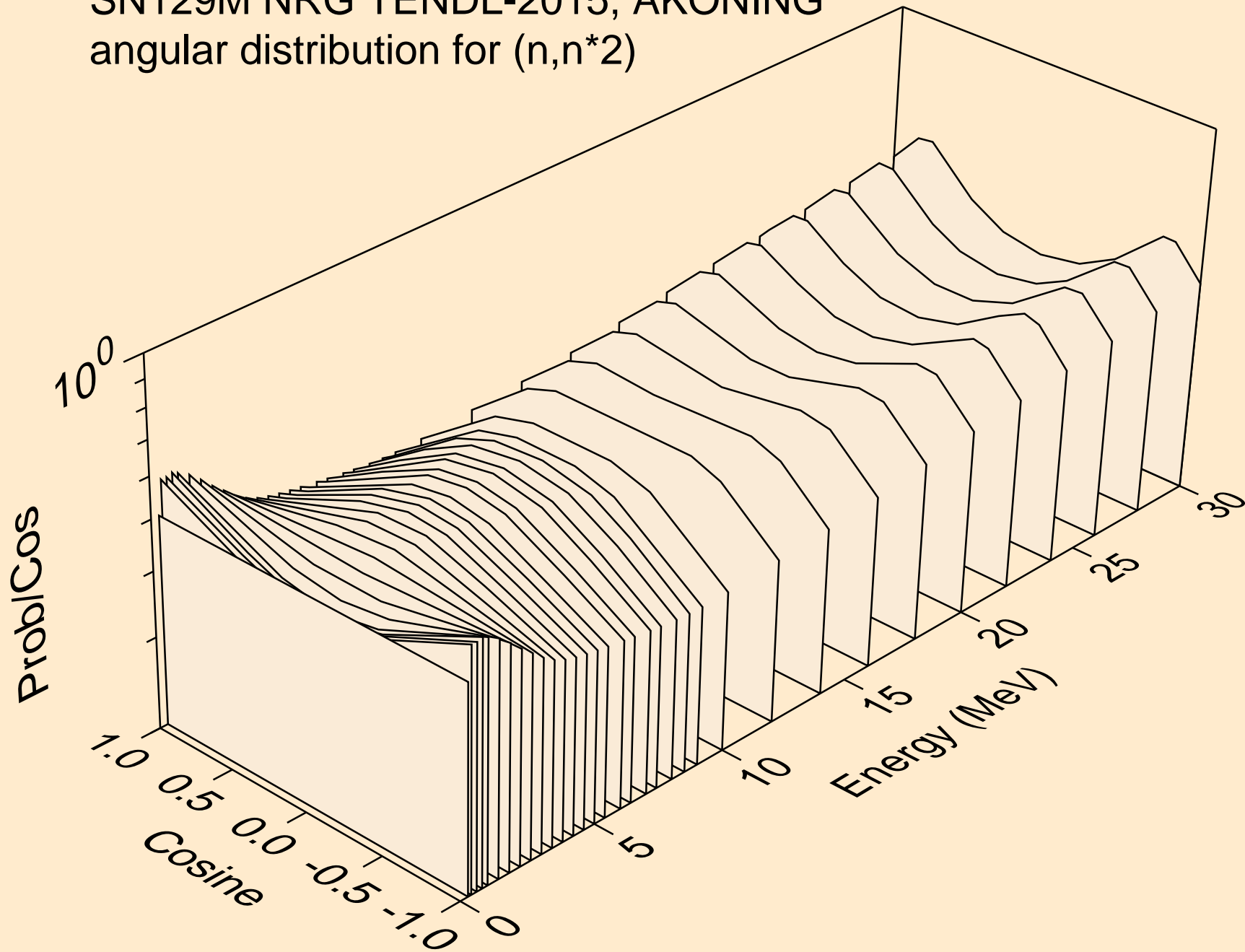




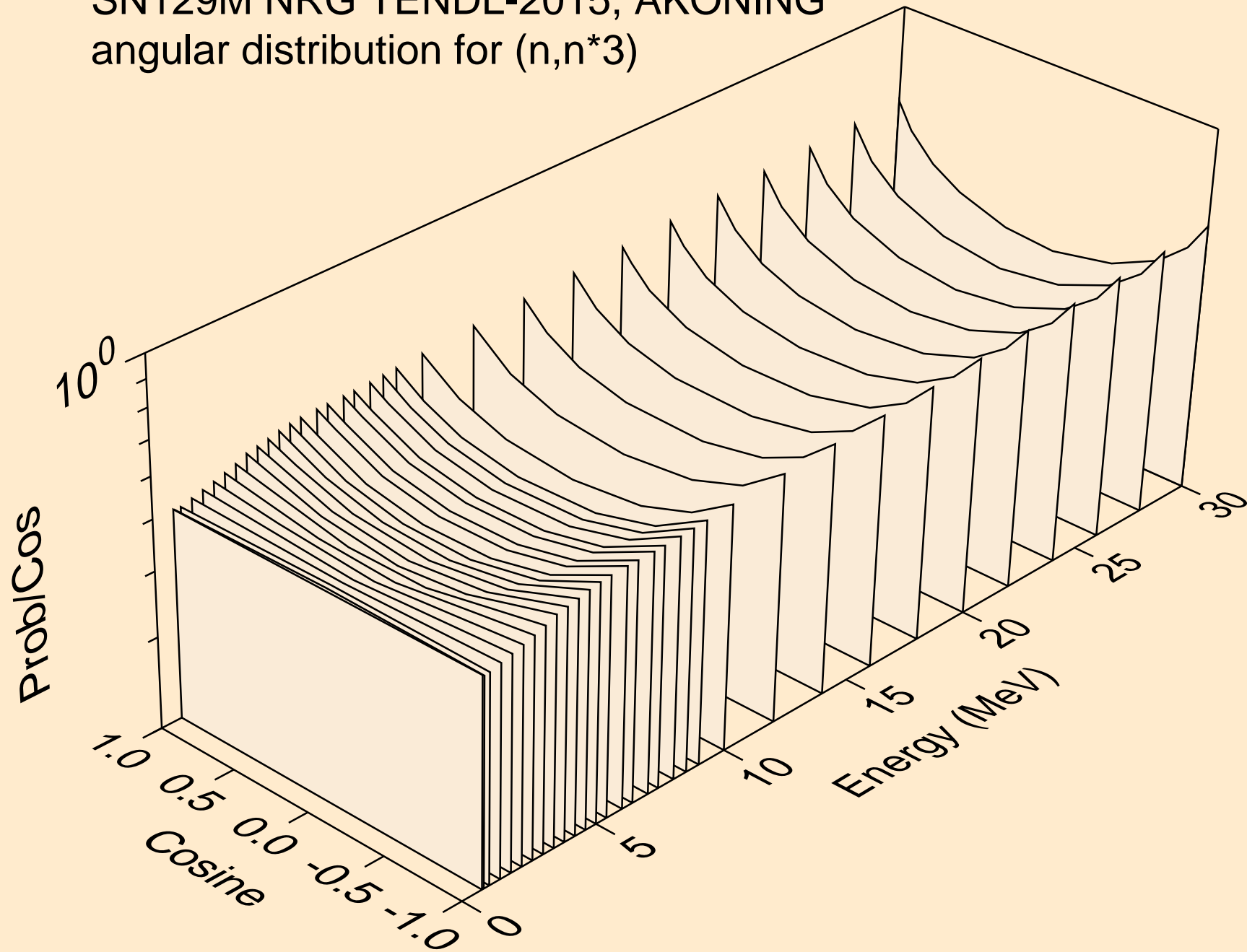
SN129M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



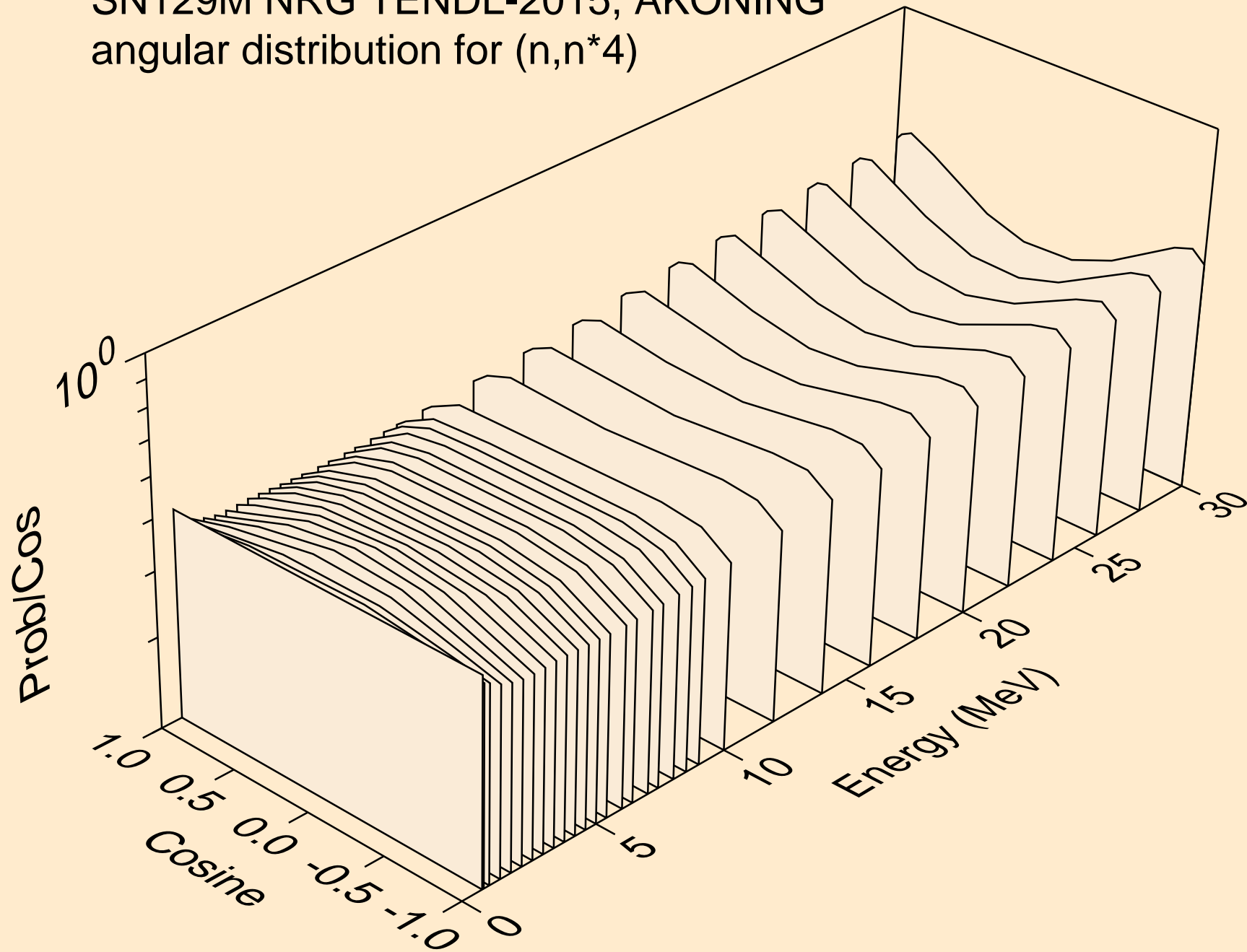
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angular distribution for (n,n\*2)



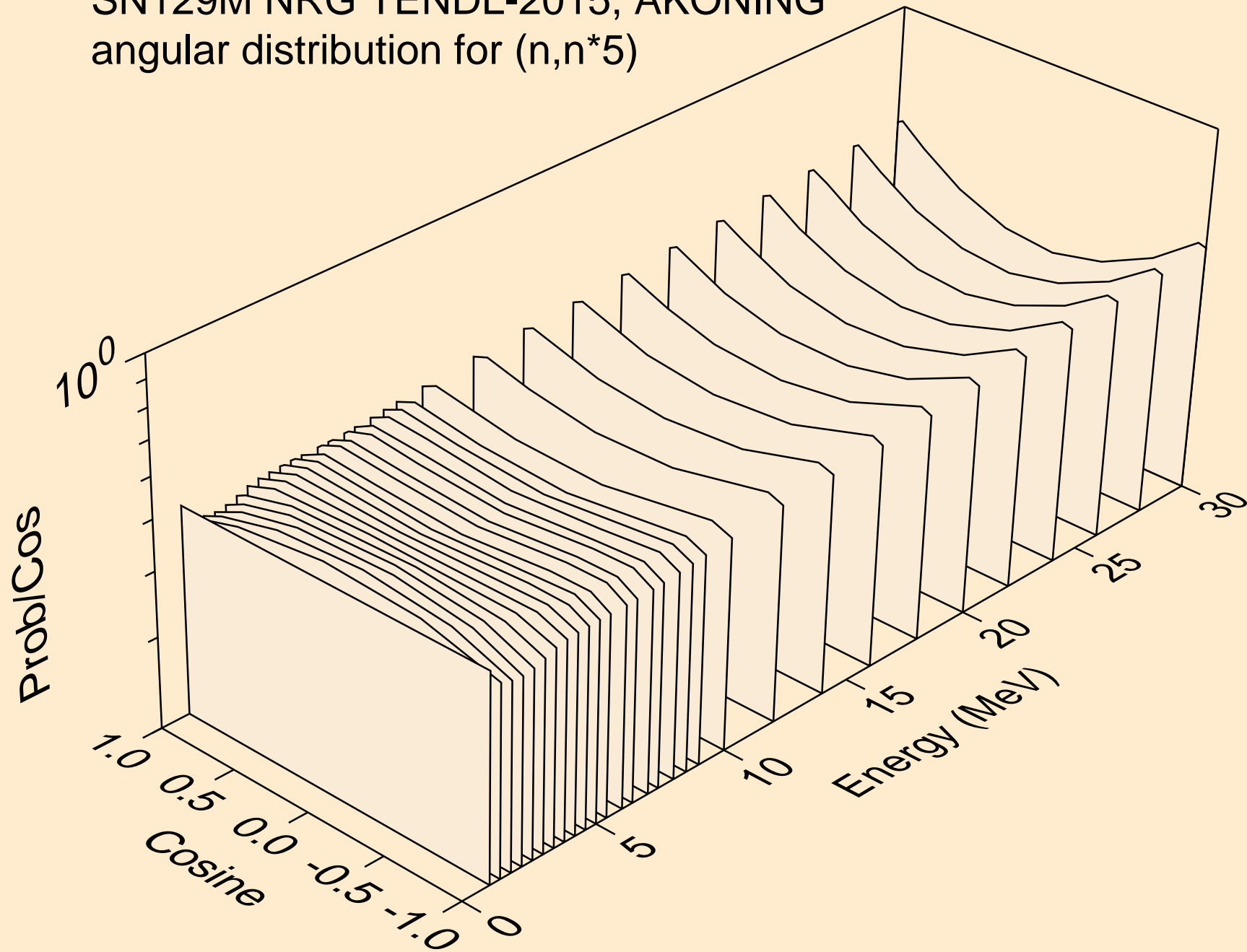
SN129M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



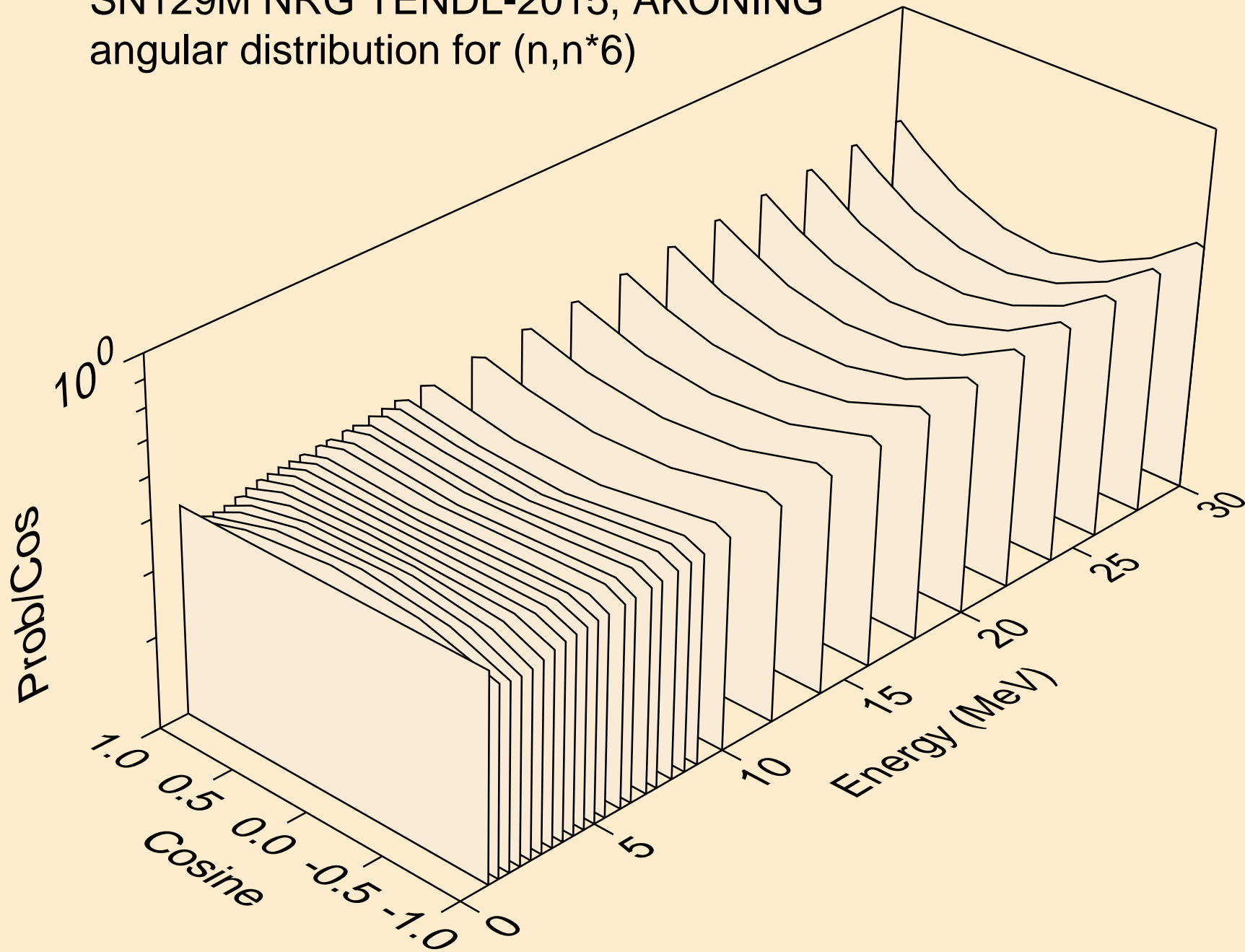
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angular distribution for (n,n\*4)



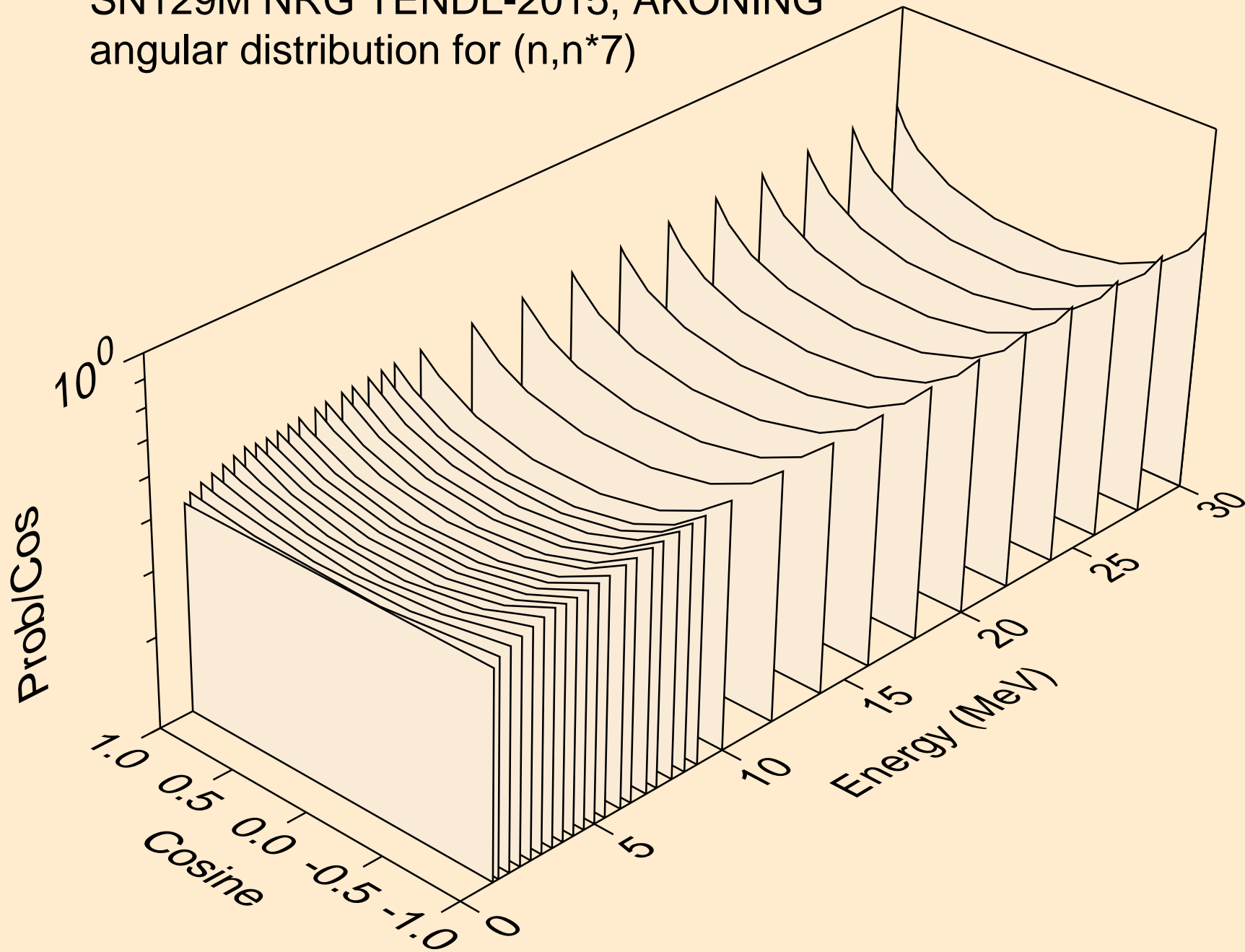
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angular distribution for (n,n\*5)



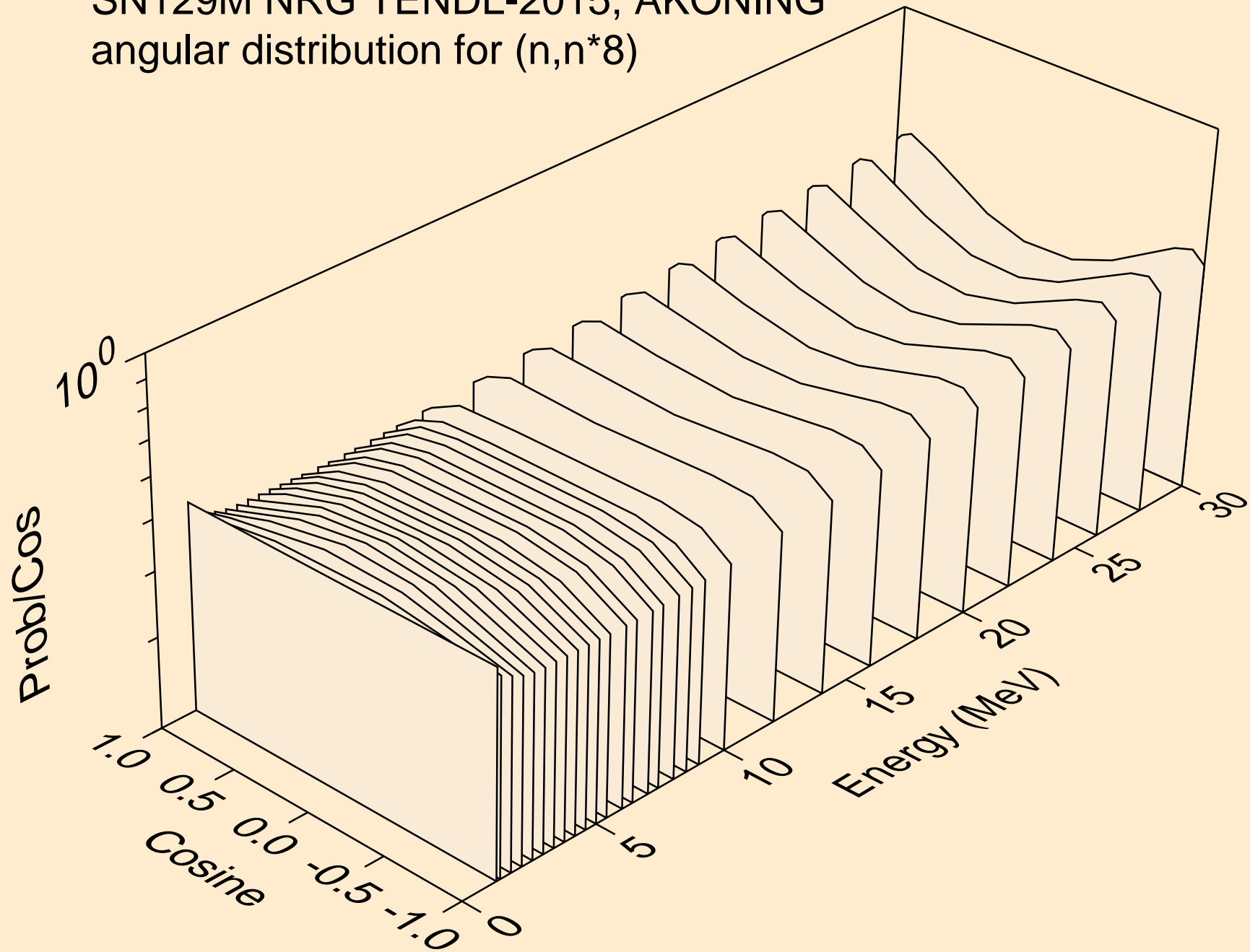
SN129M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



SN129M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

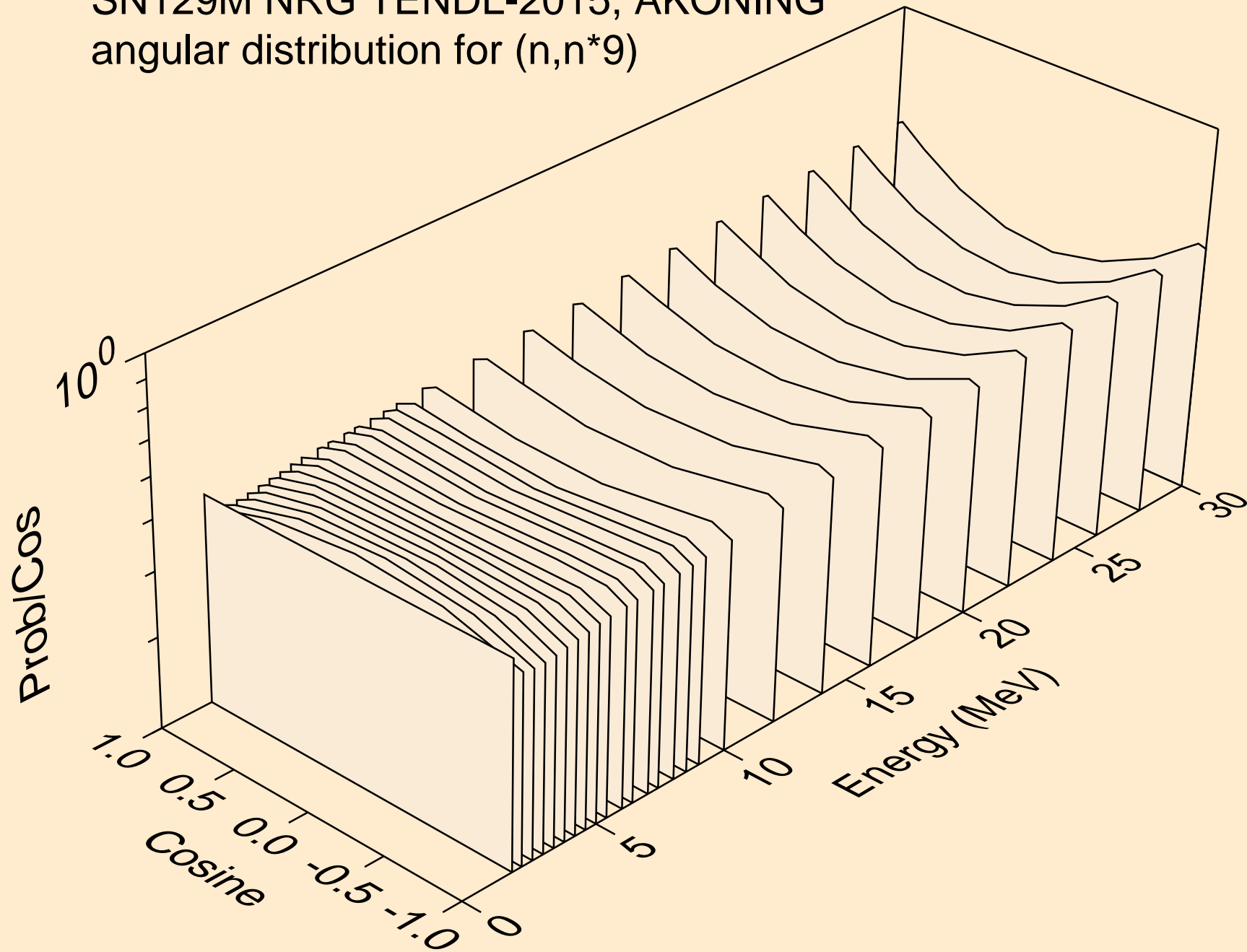


SN129M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

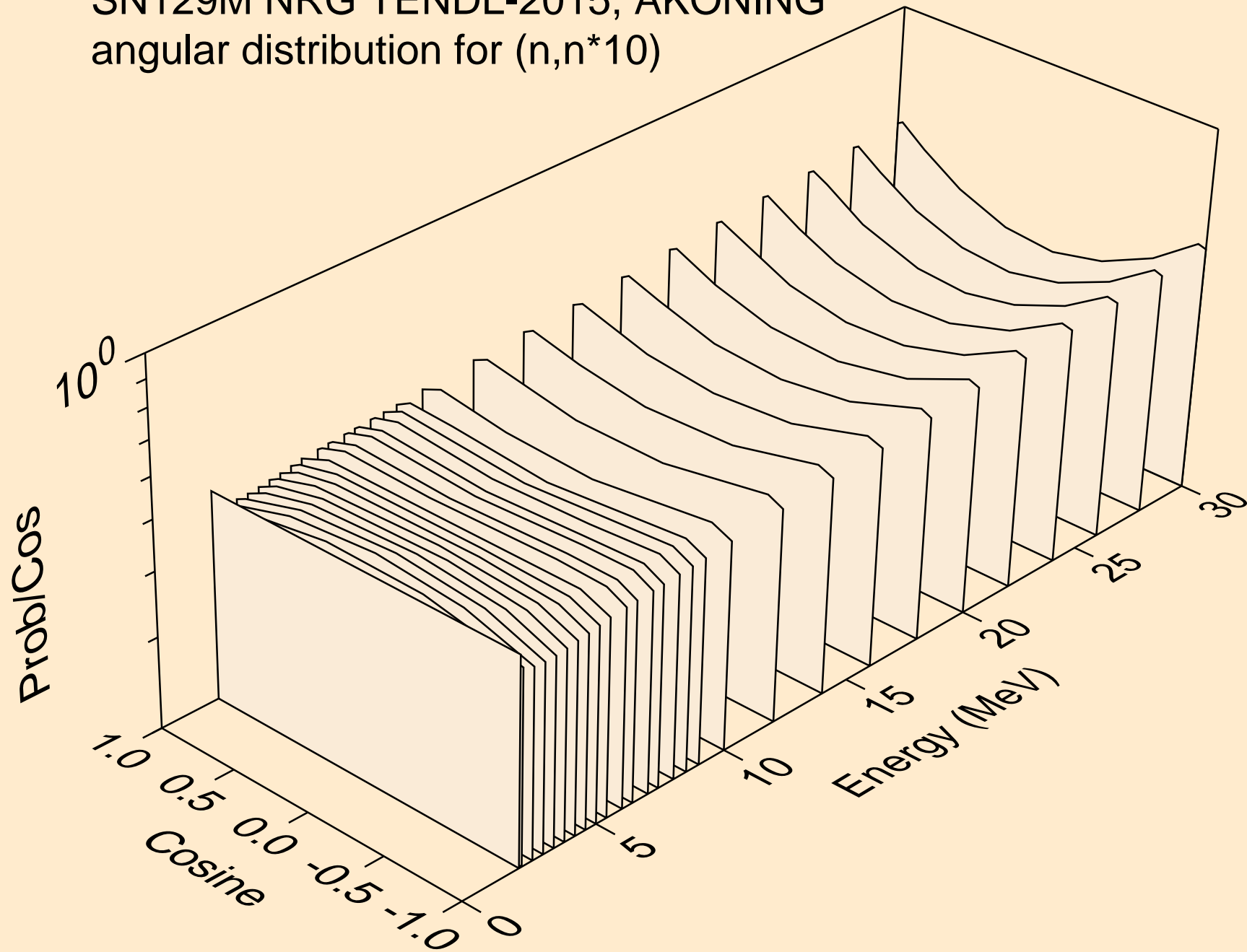




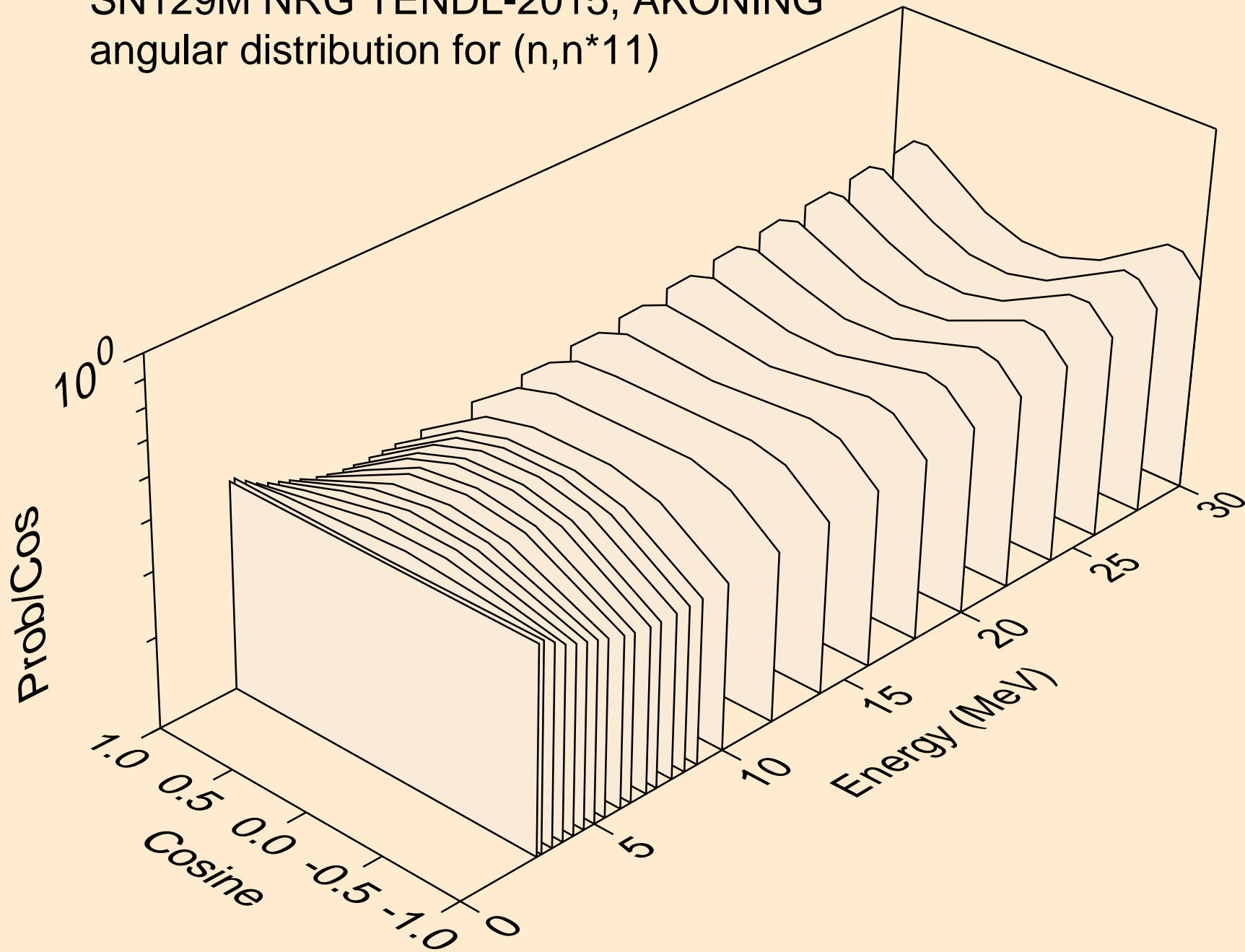
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angular distribution for (n,n\*9)



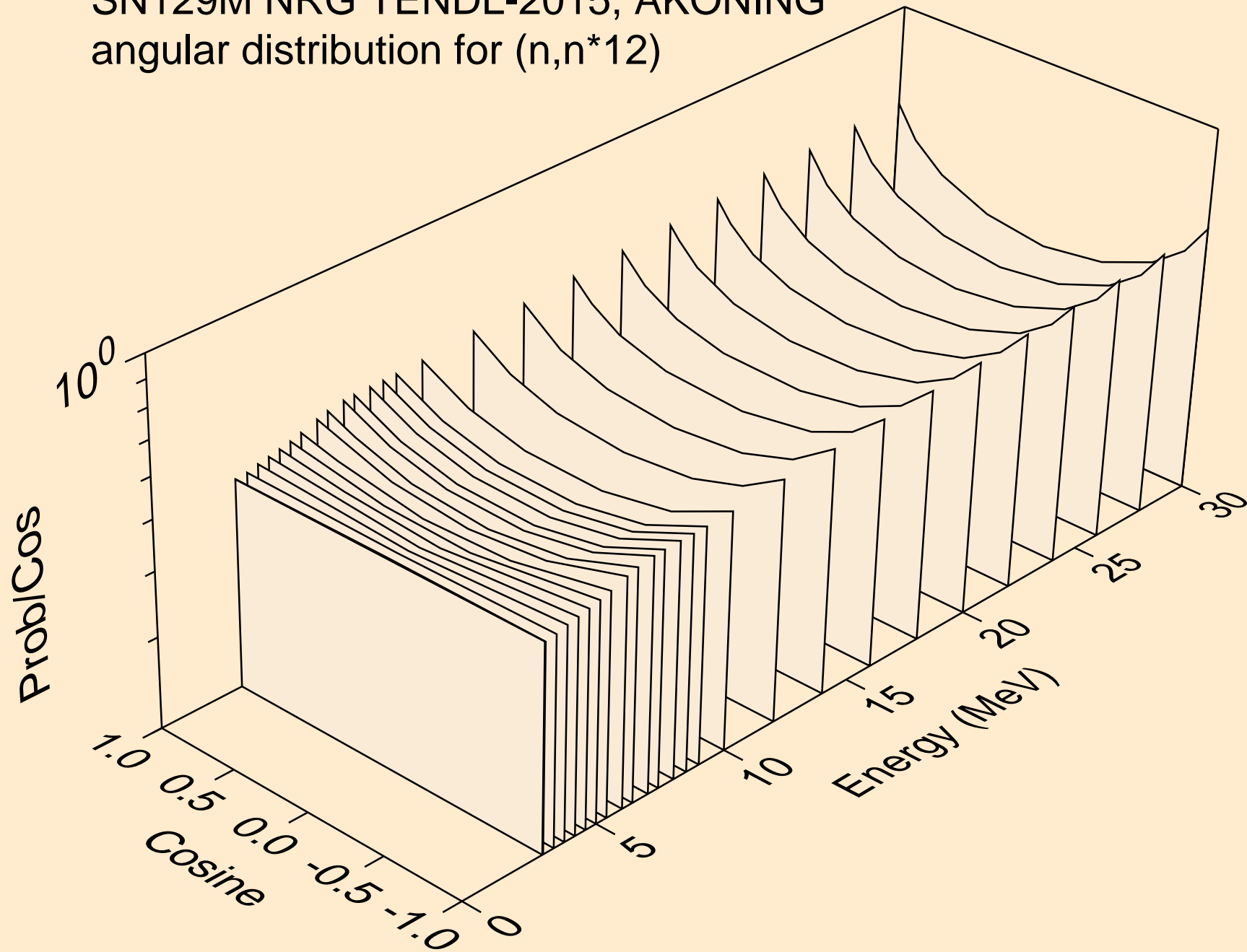
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angular distribution for (n,n\*10)



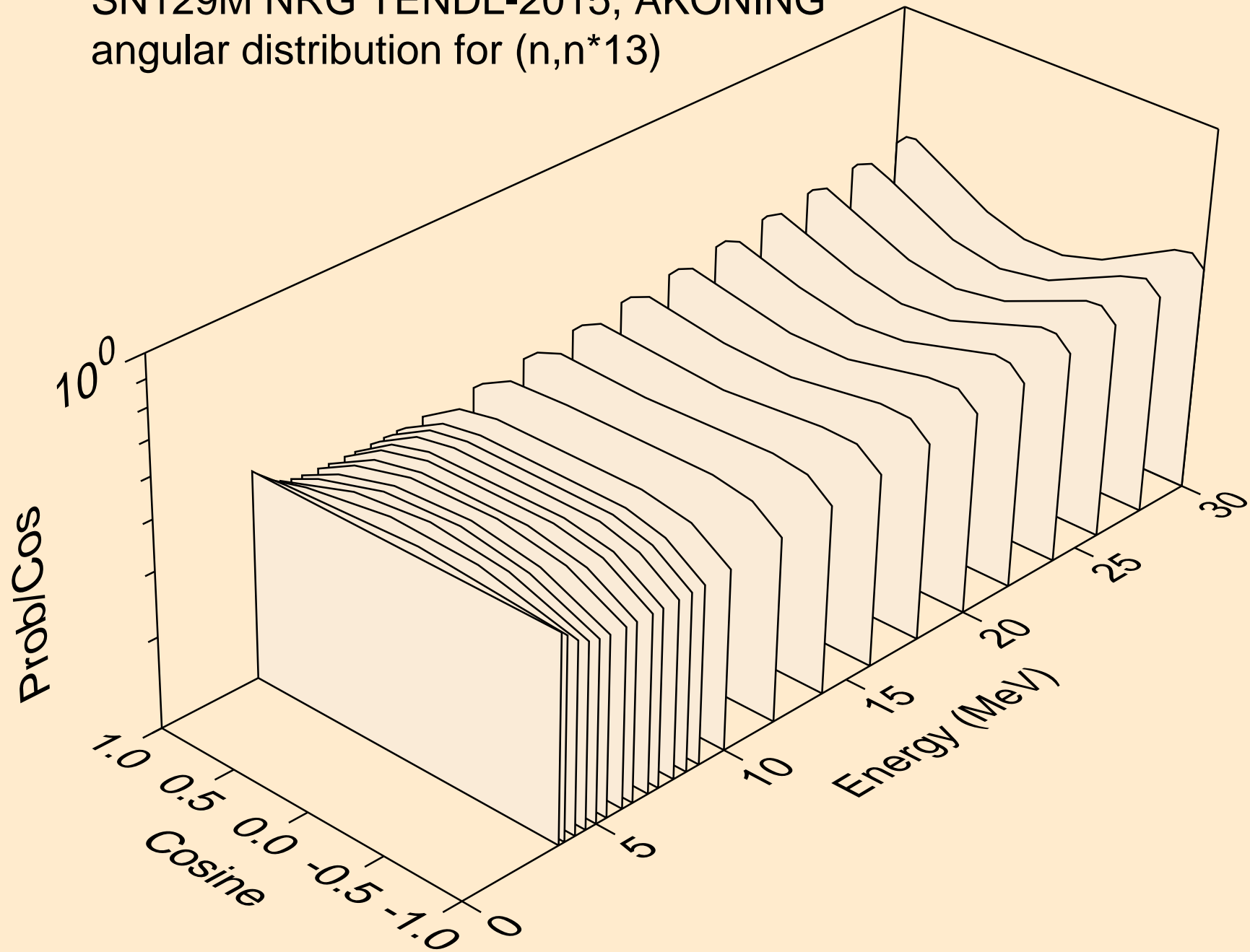
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angular distribution for (n,n\*11)



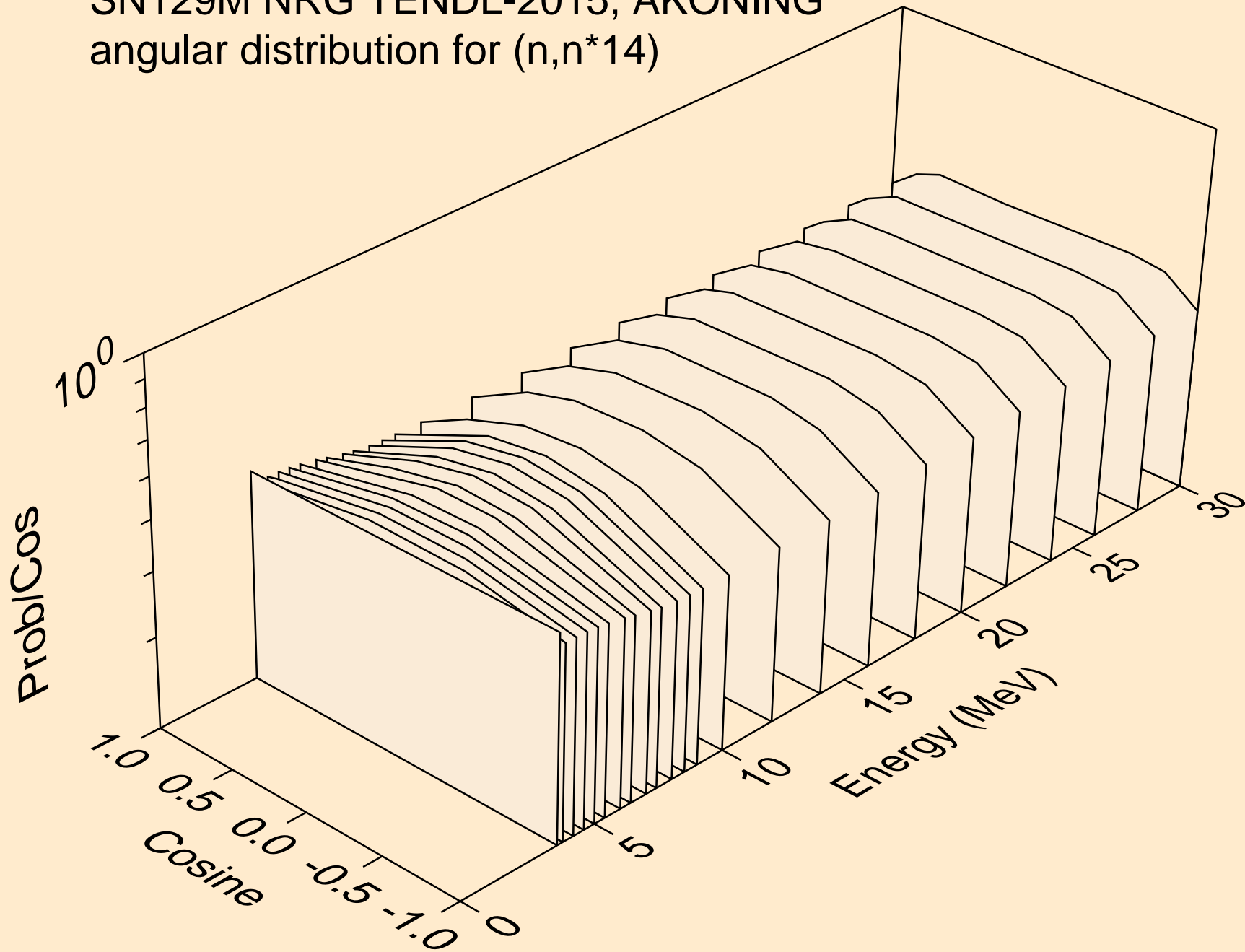
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angular distribution for (n,n\*12)



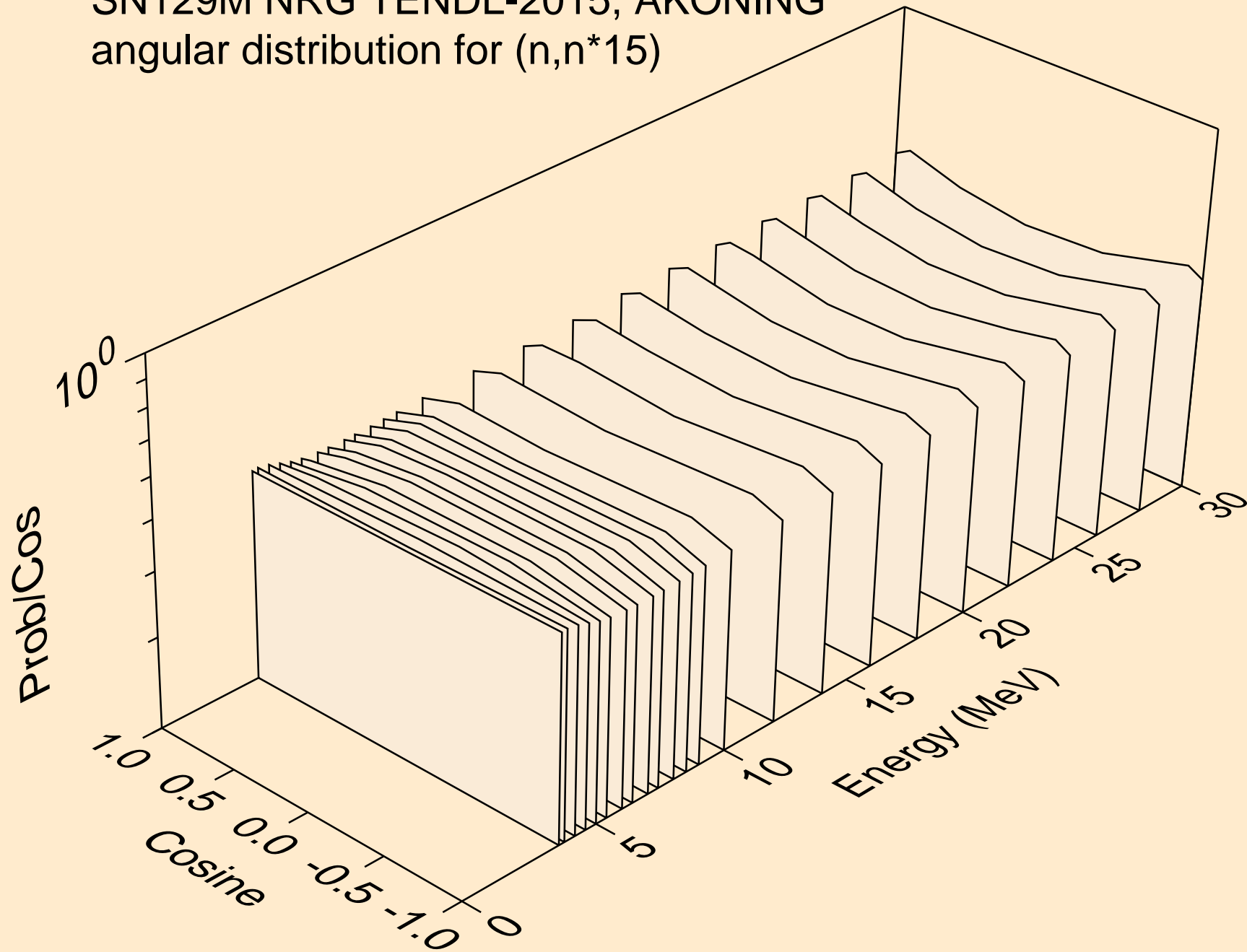
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angular distribution for (n,n\*13)



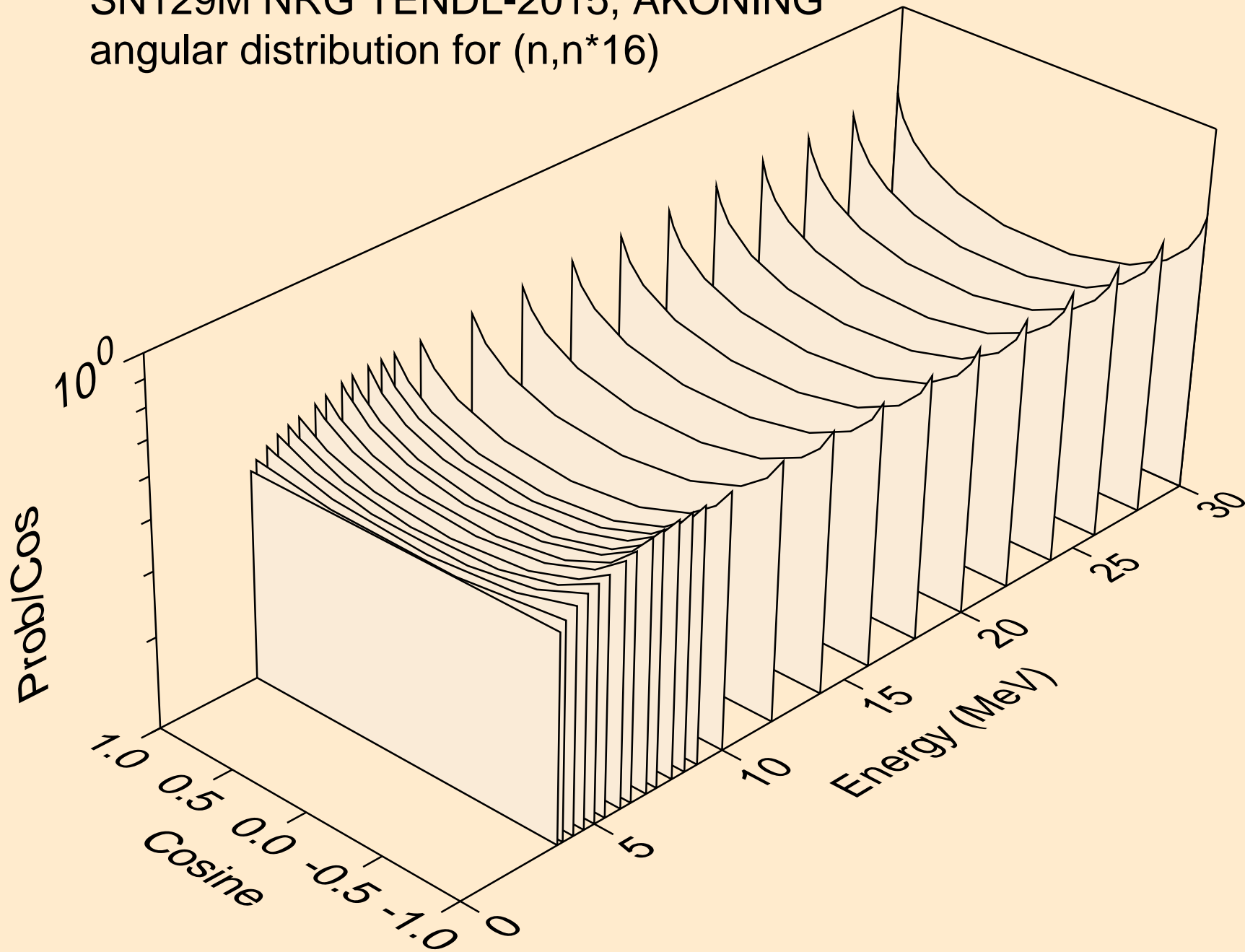
SN129M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



SN129M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

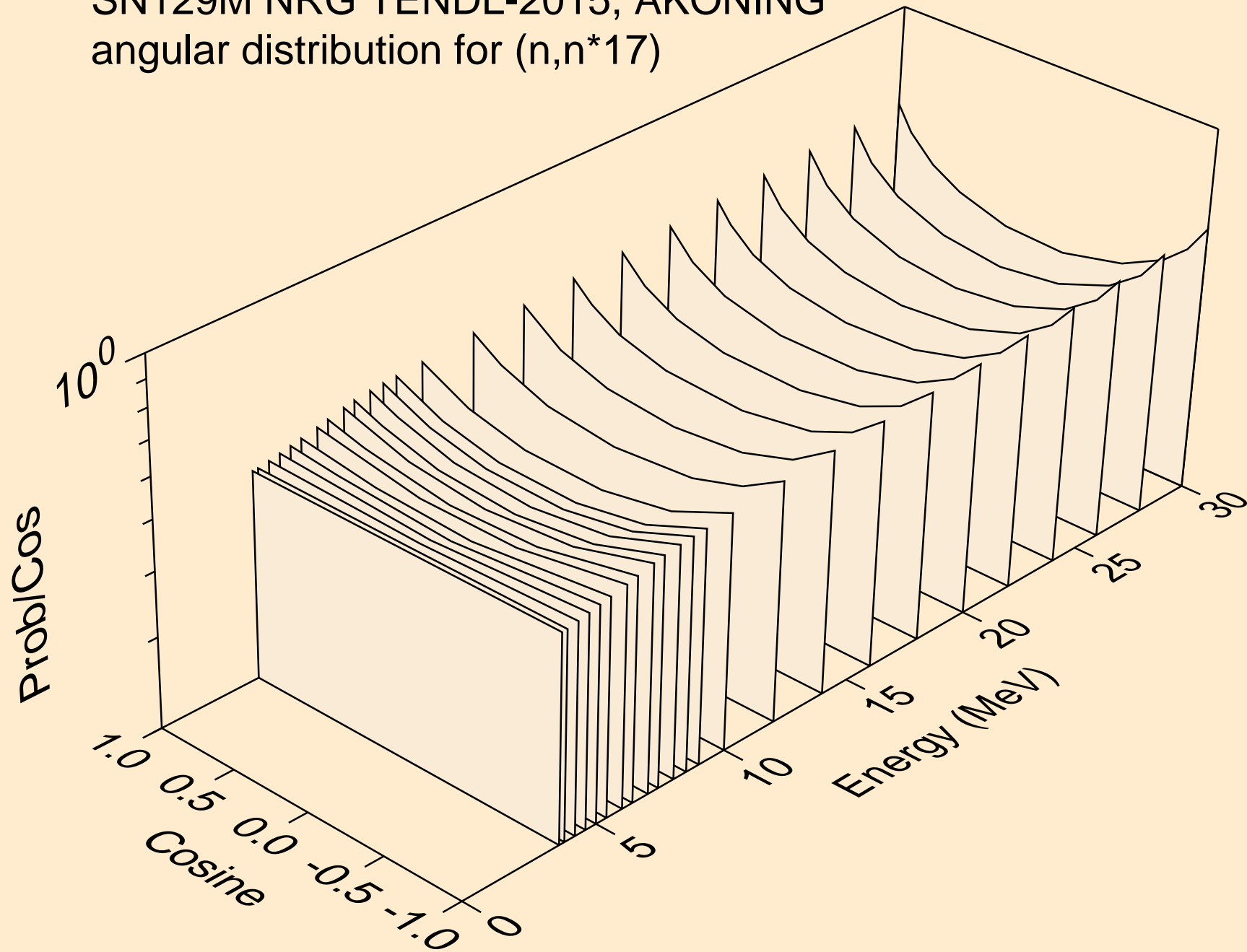


SN129M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

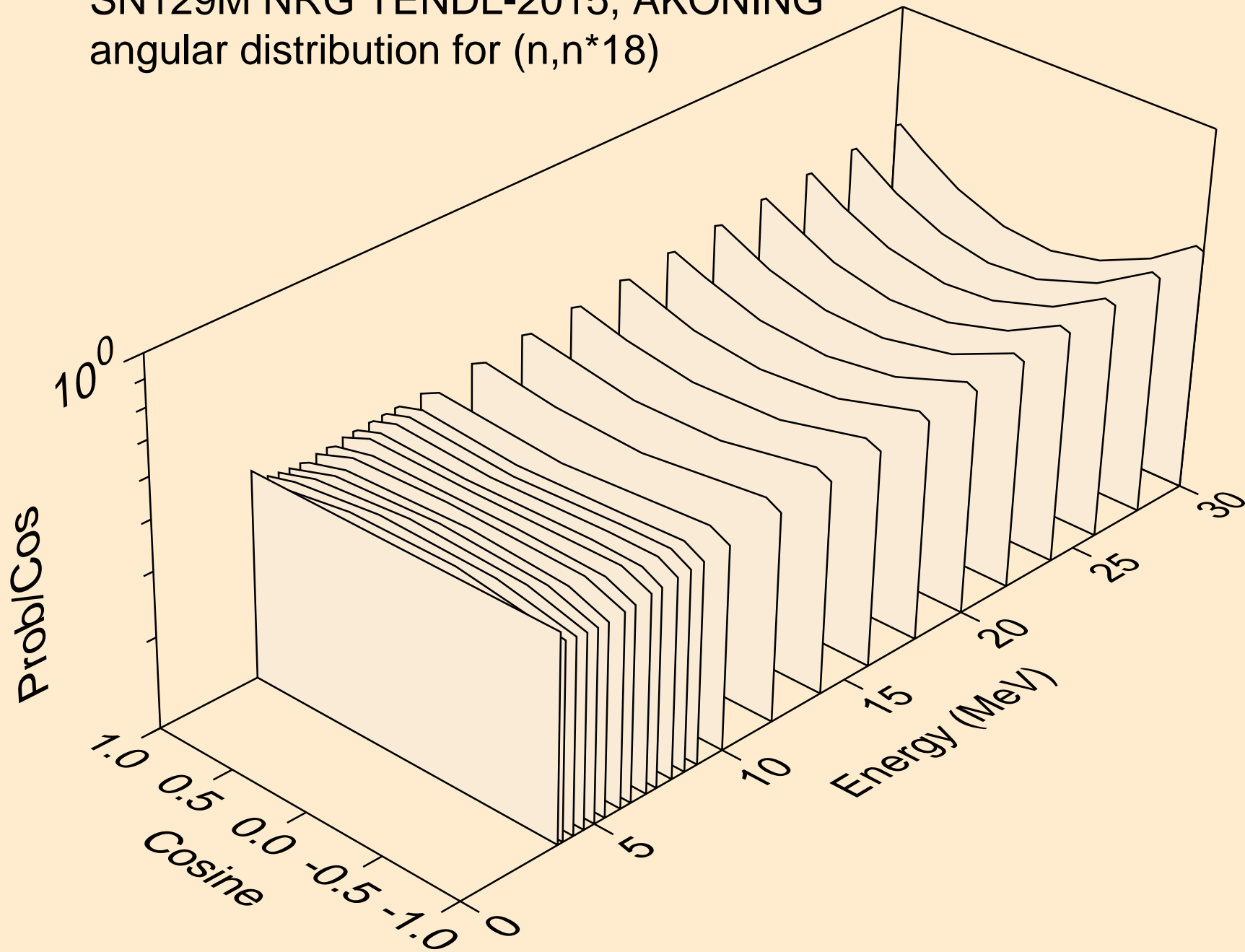




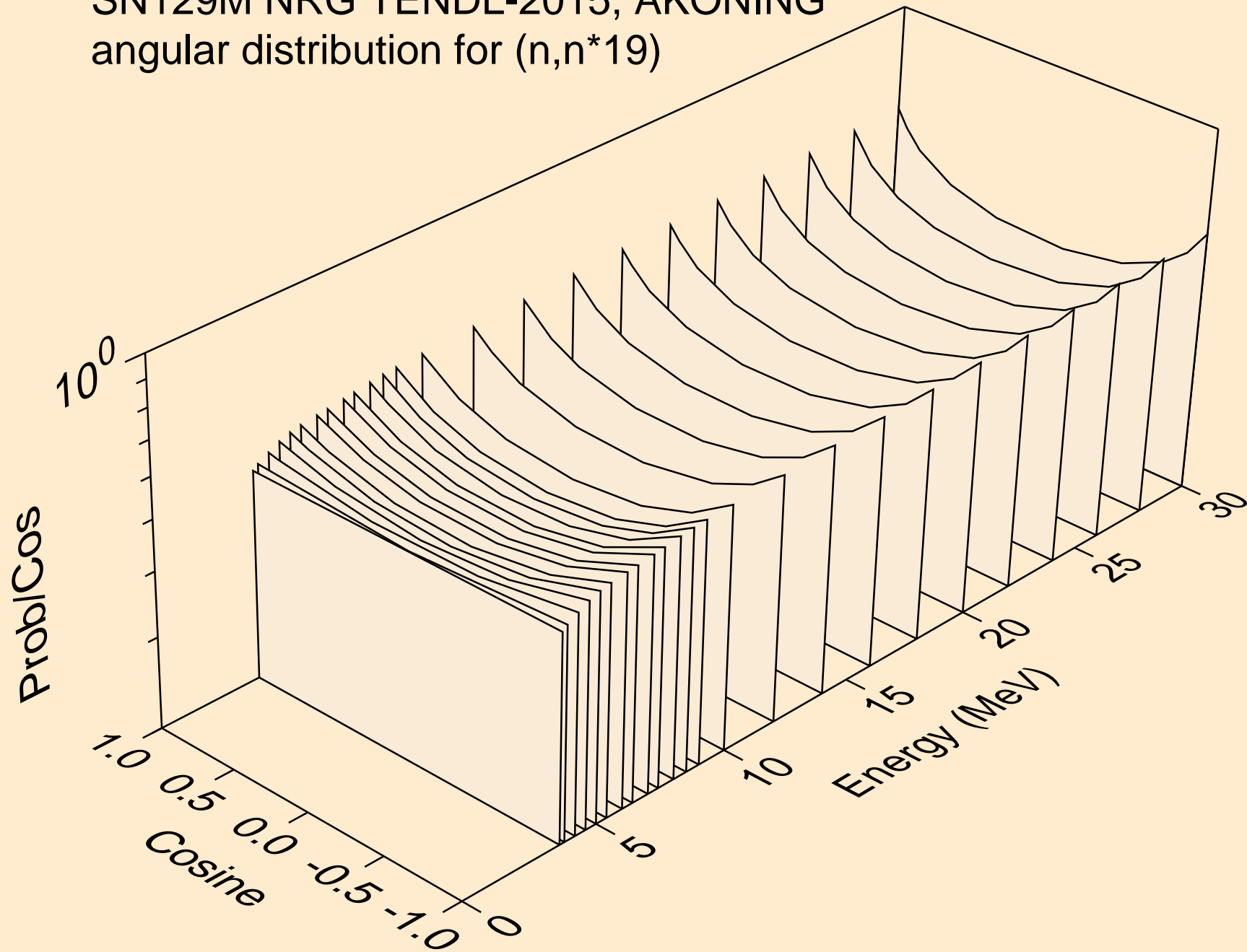
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angular distribution for (n,n\*17)



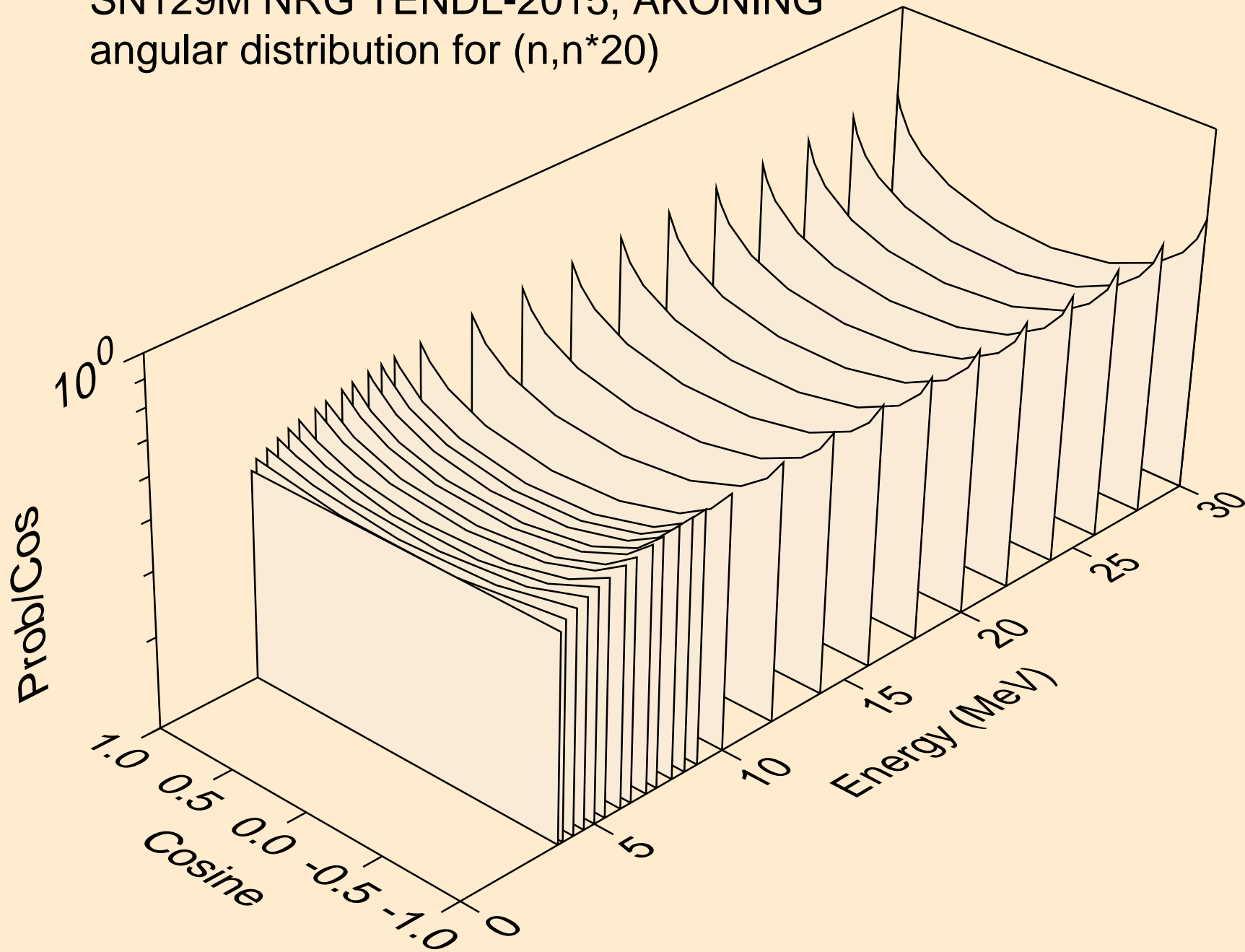
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angular distribution for (n,n\*18)



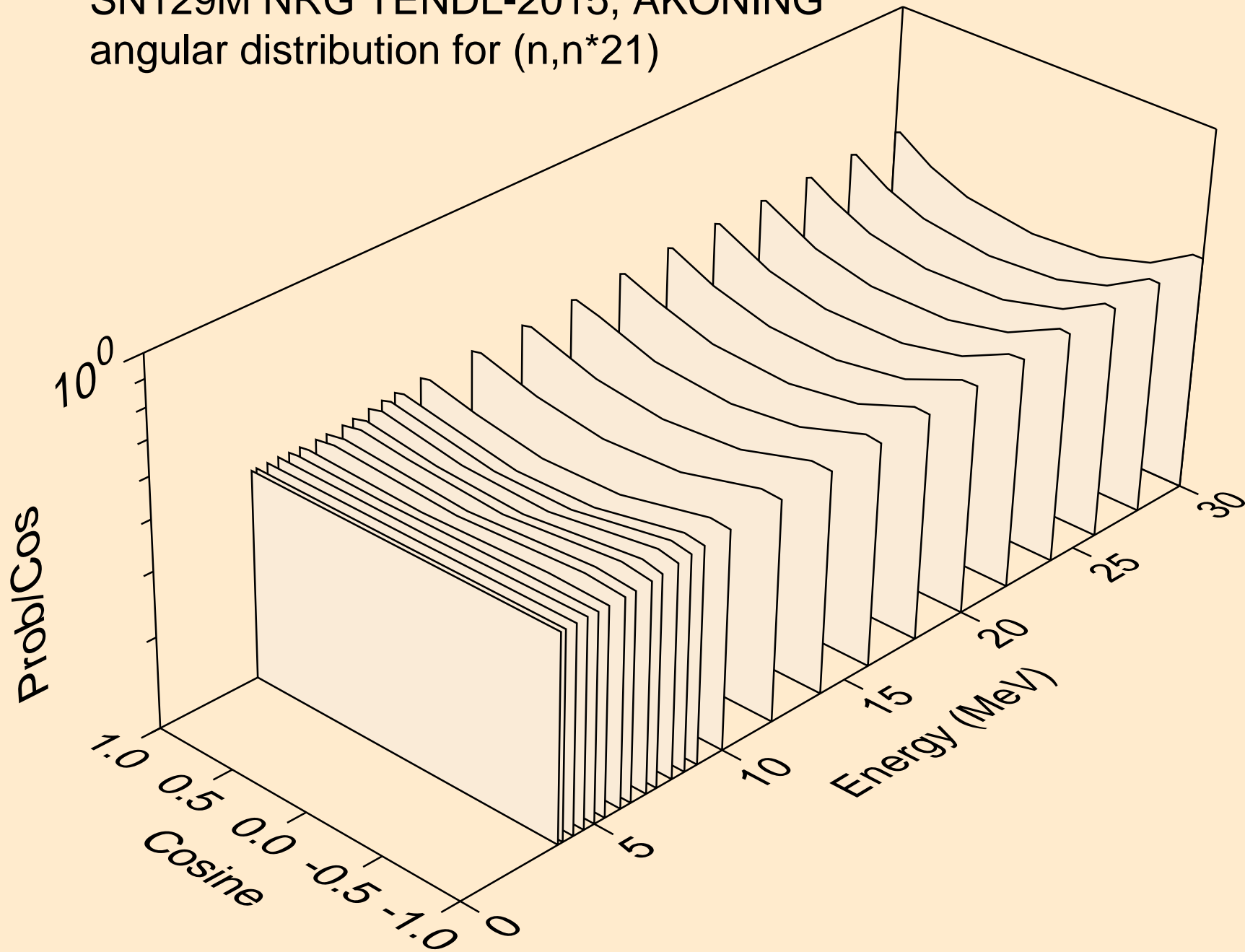
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angular distribution for (n,n\*19)



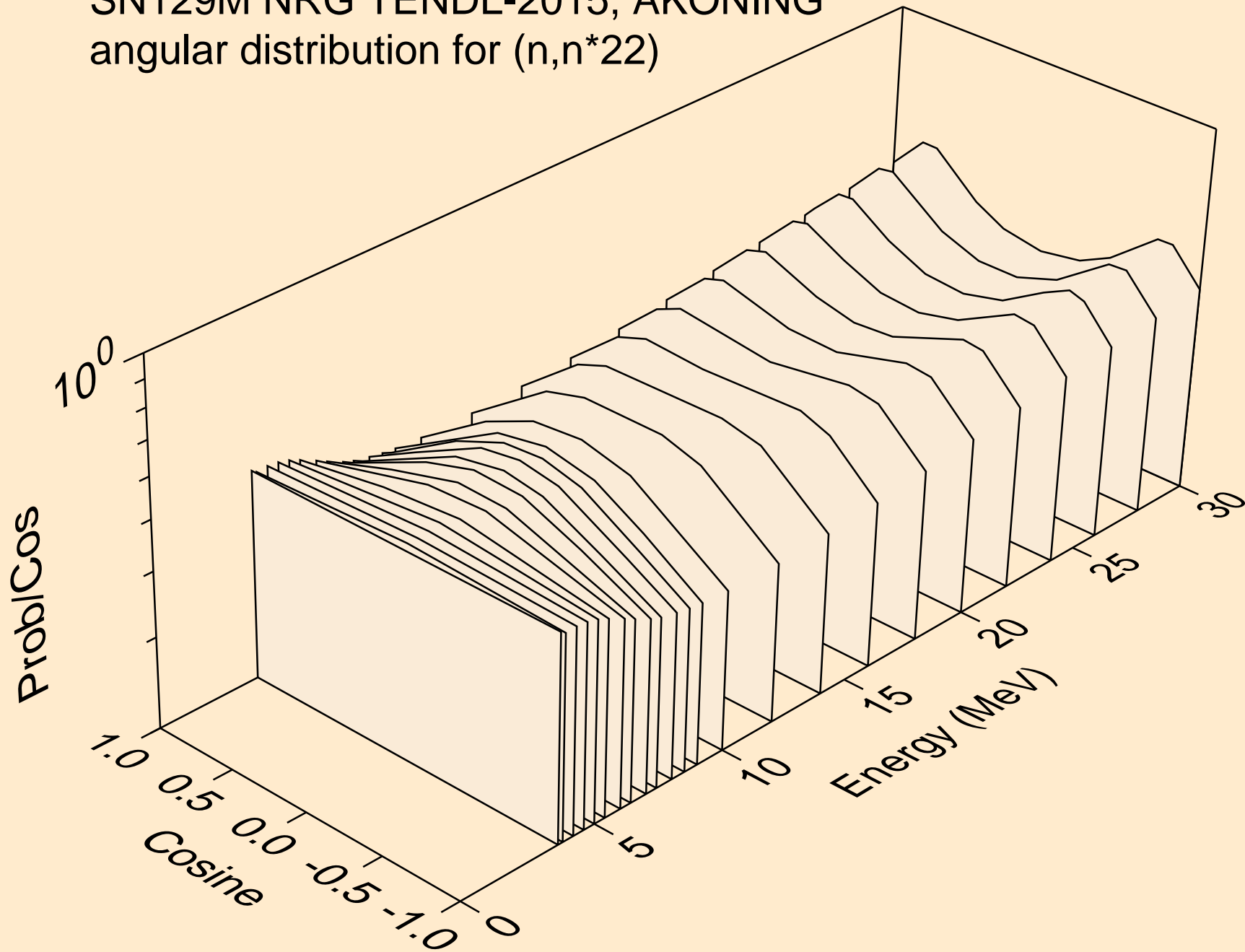
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angular distribution for (n,n\*20)



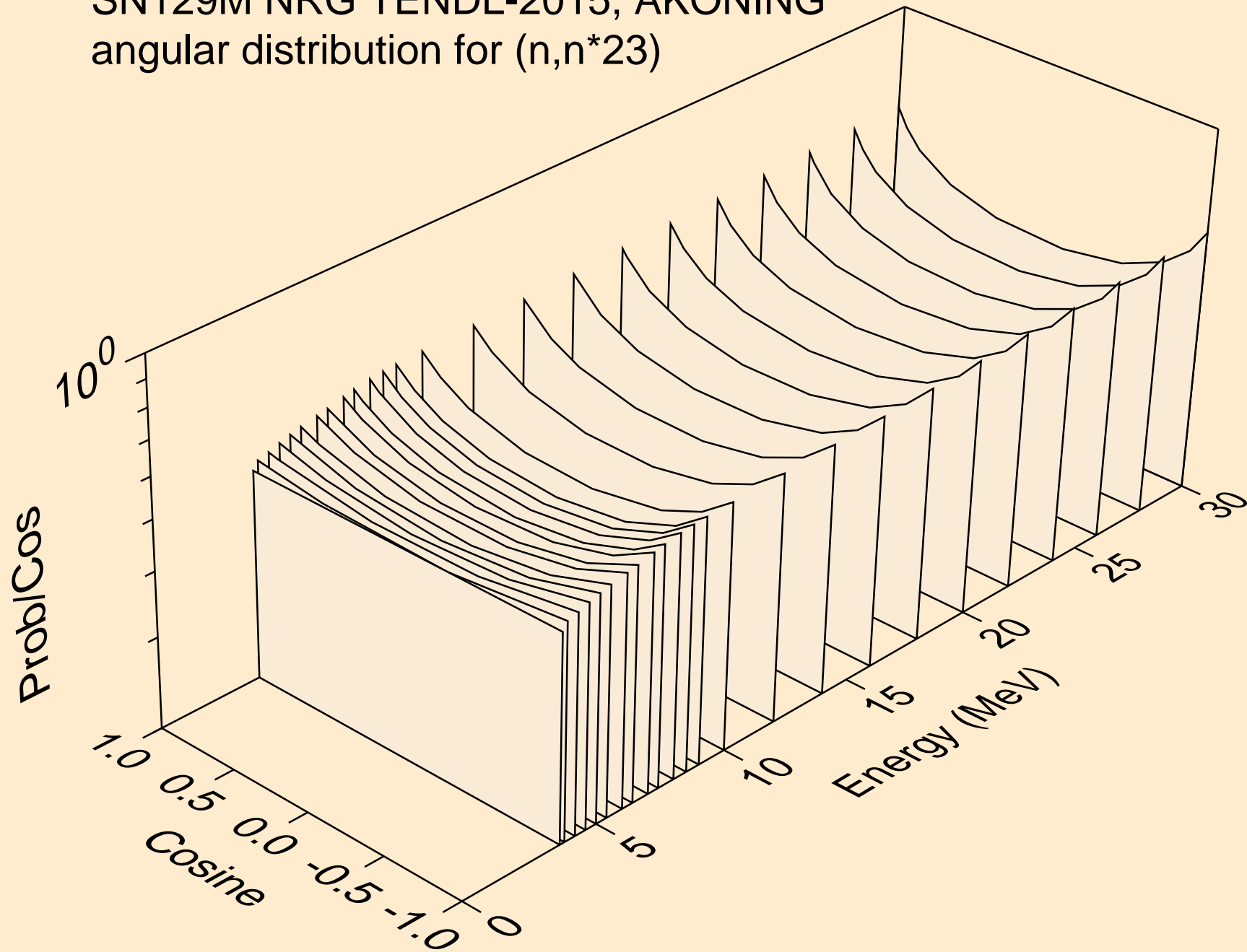
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angular distribution for (n,n\*21)



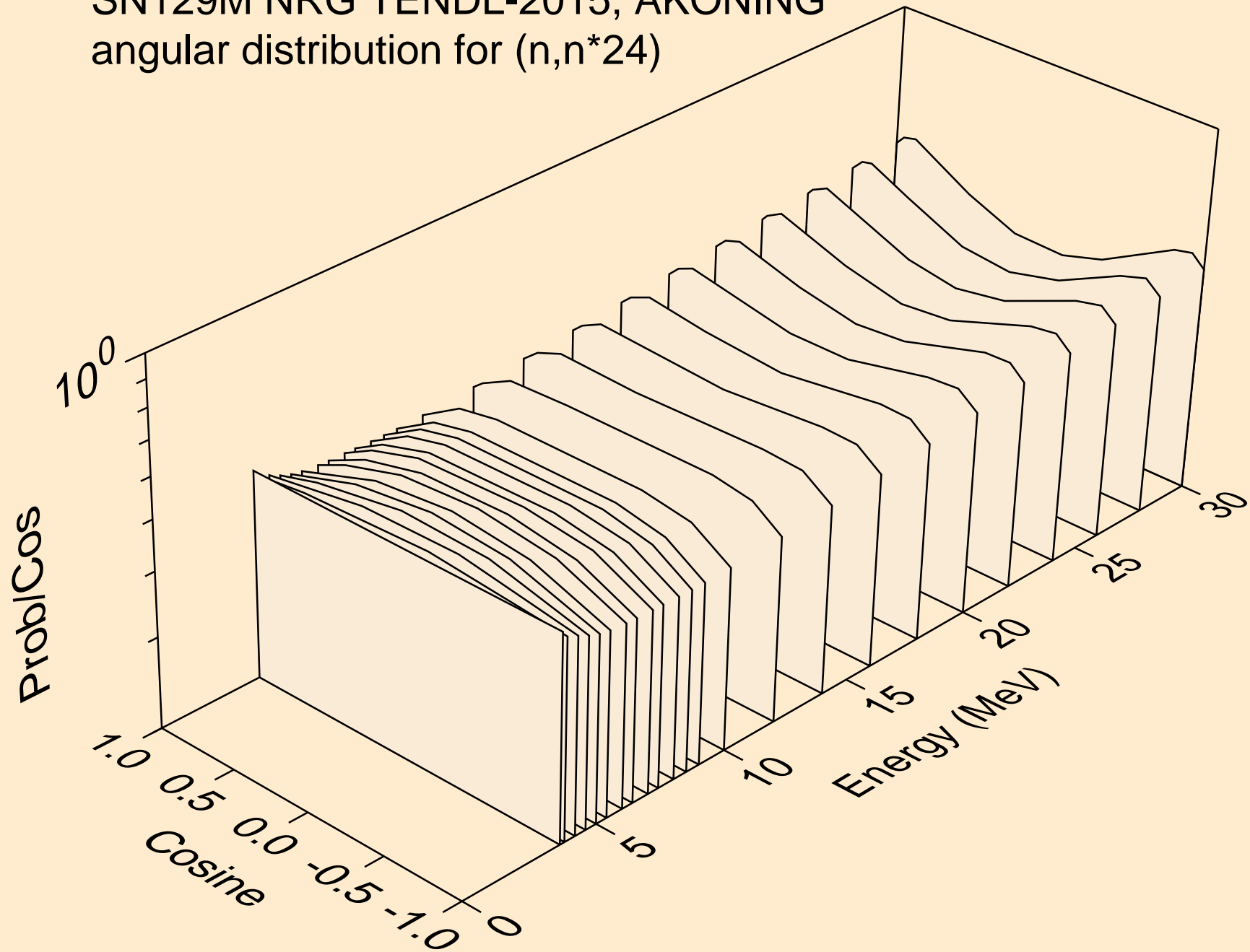
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angular distribution for (n,n\*22)



SN129M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

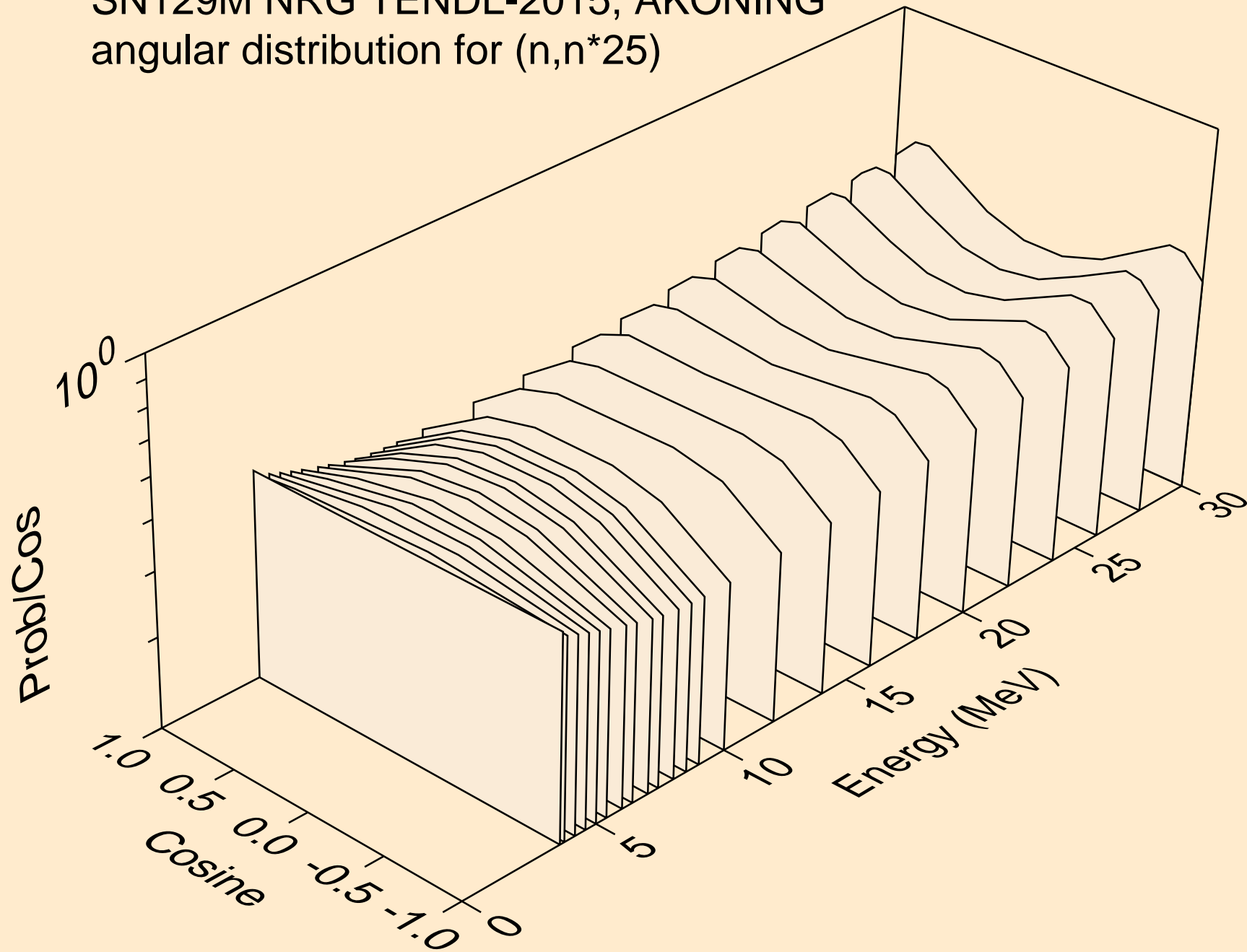


SN129M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

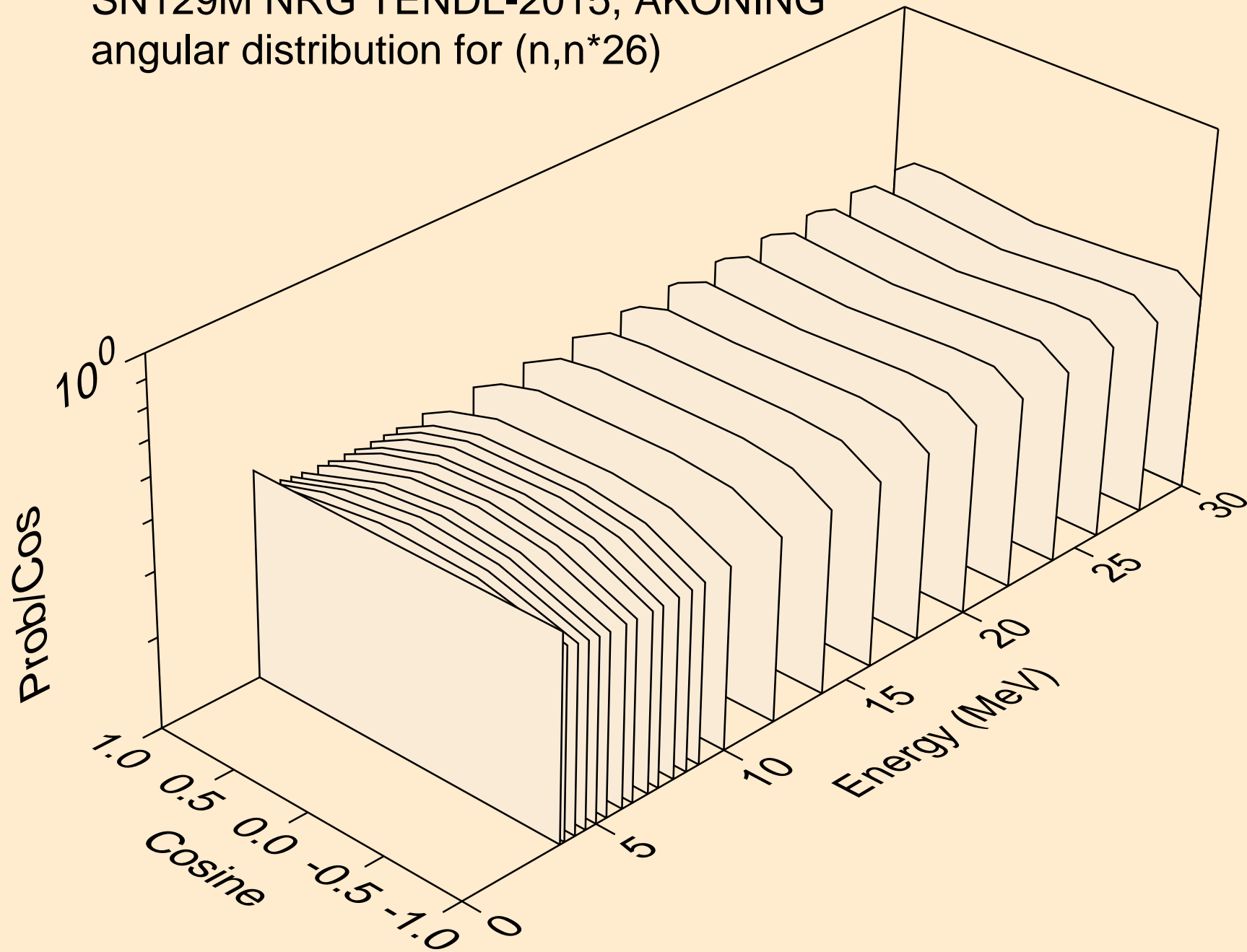




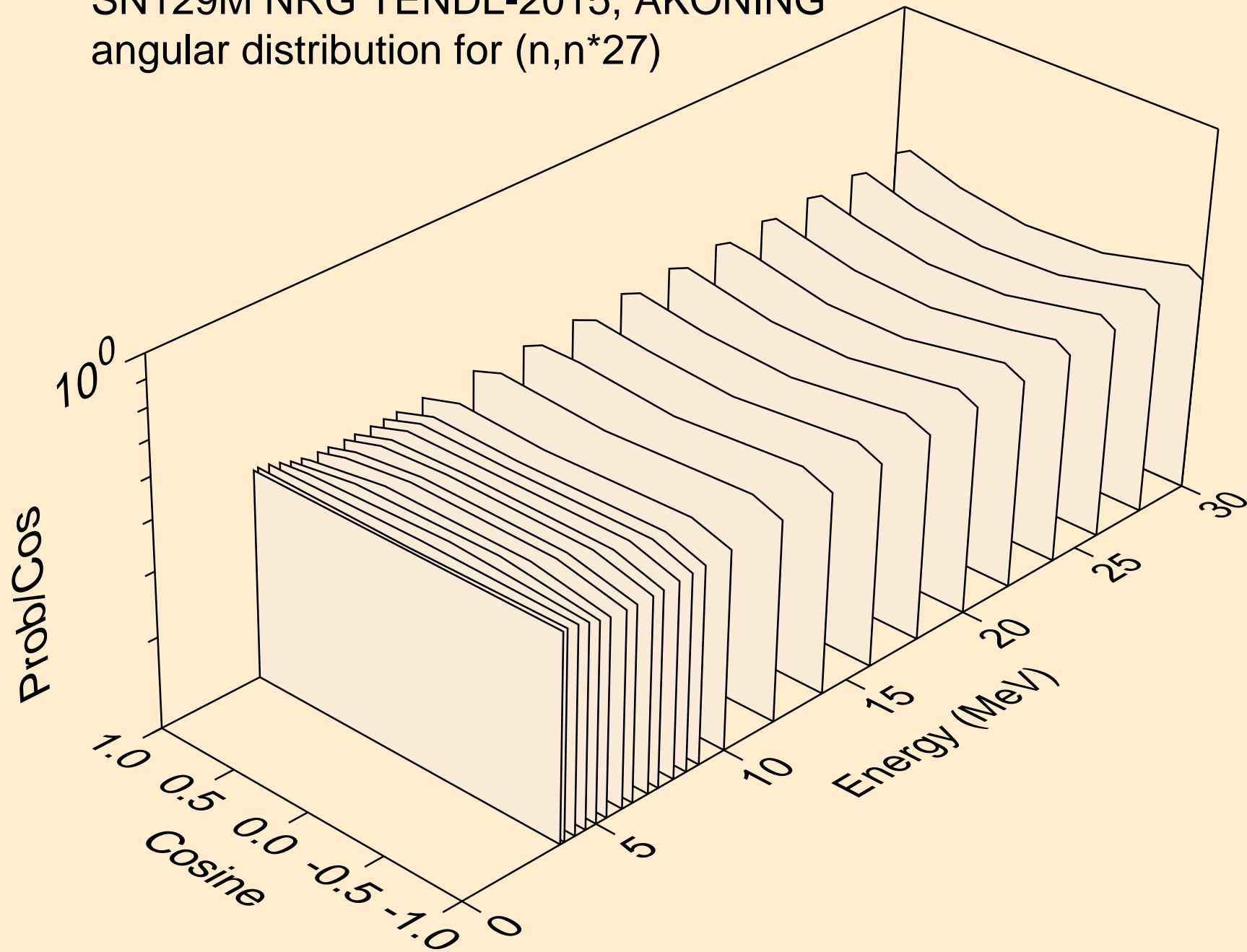
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angular distribution for (n,n\*25)



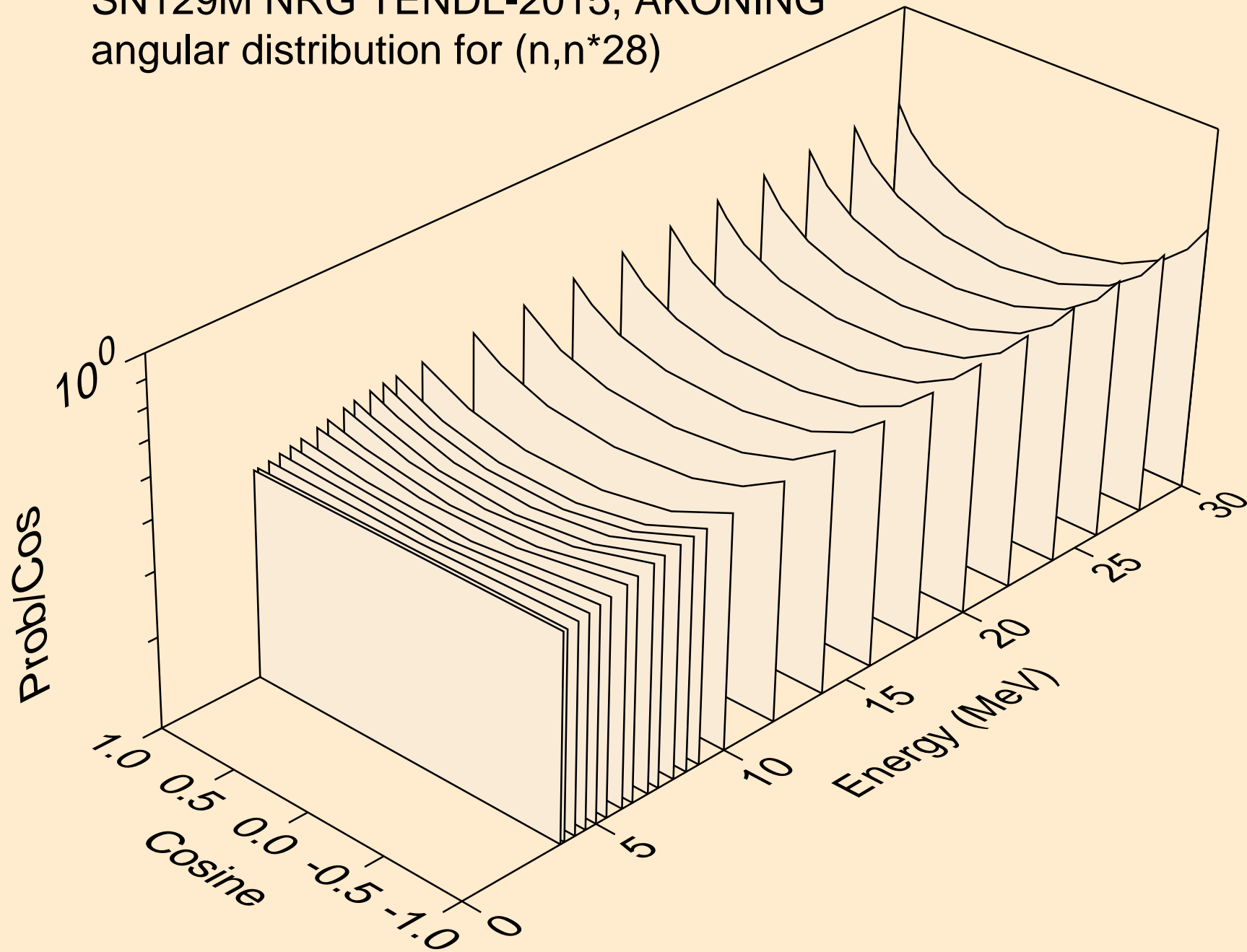
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angular distribution for (n,n\*26)



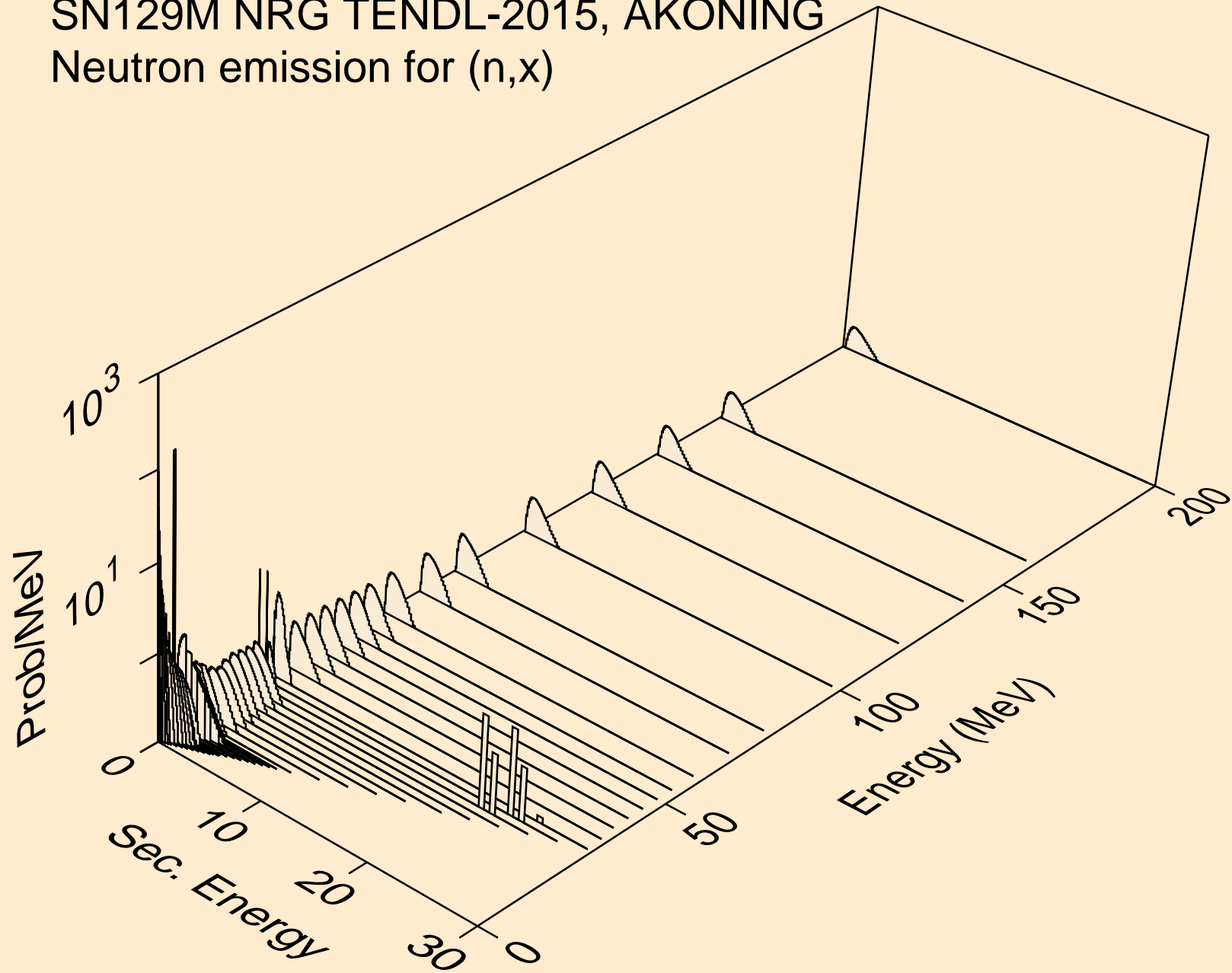
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angular distribution for (n,n\*27)



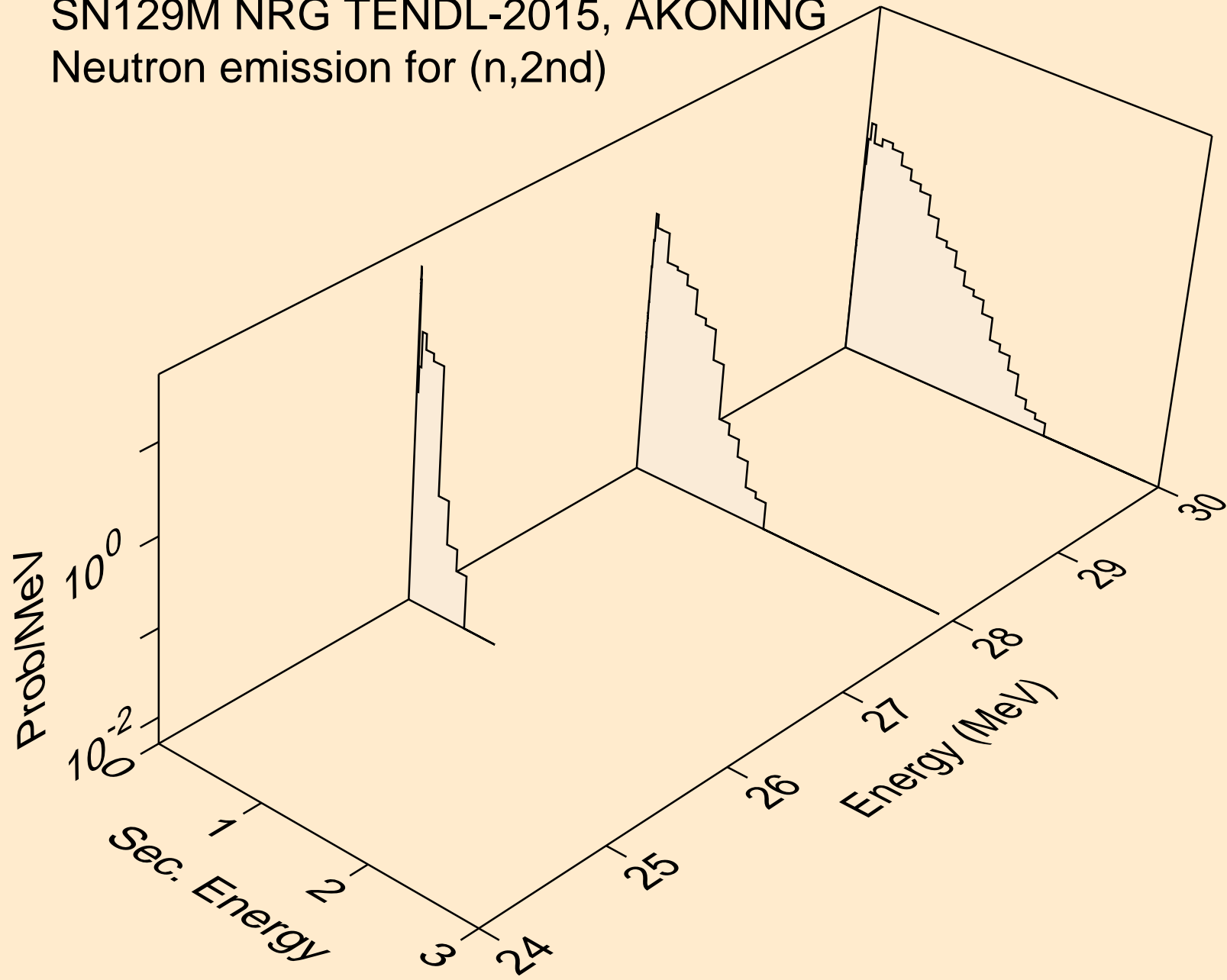
SN129M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



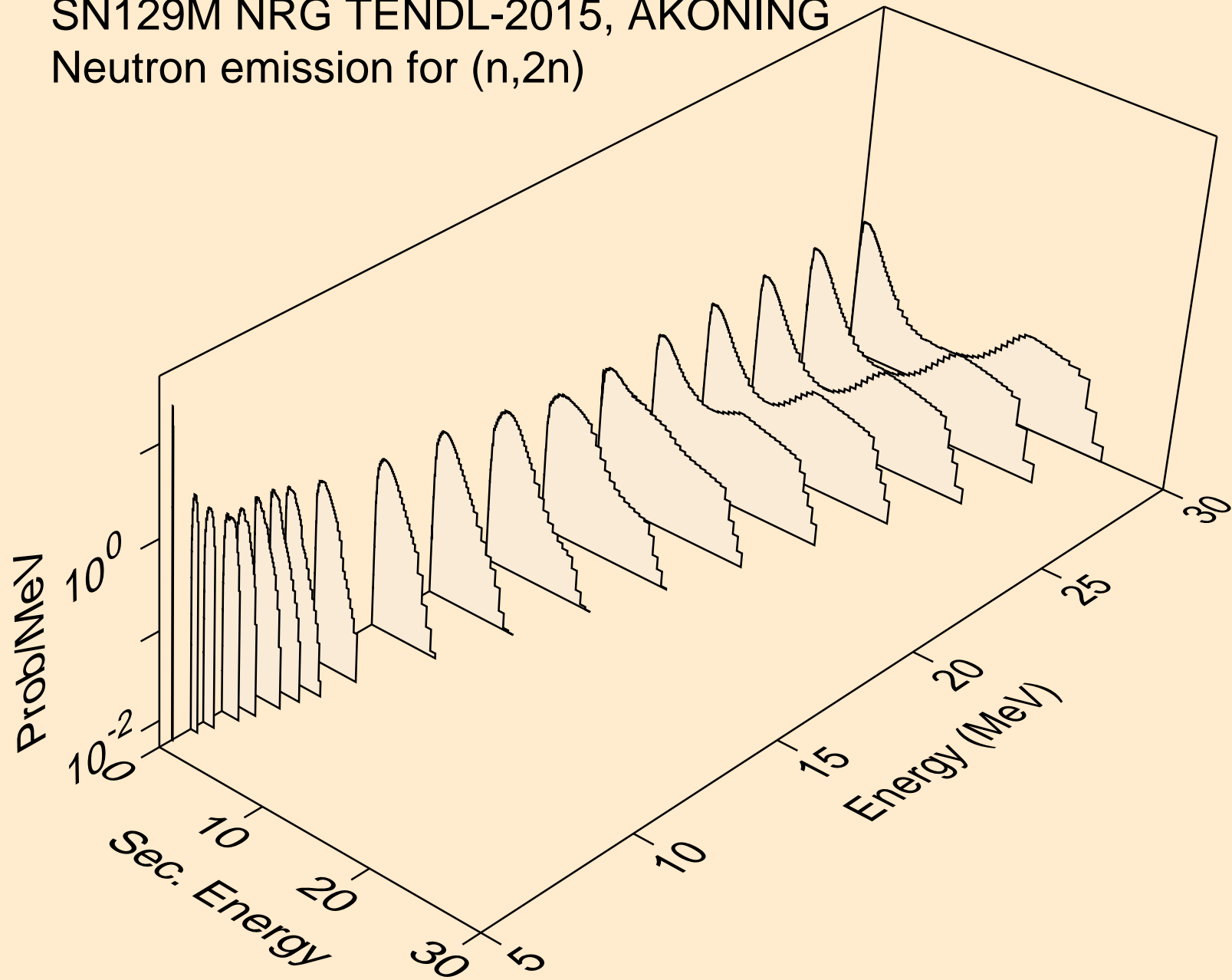
SN129M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



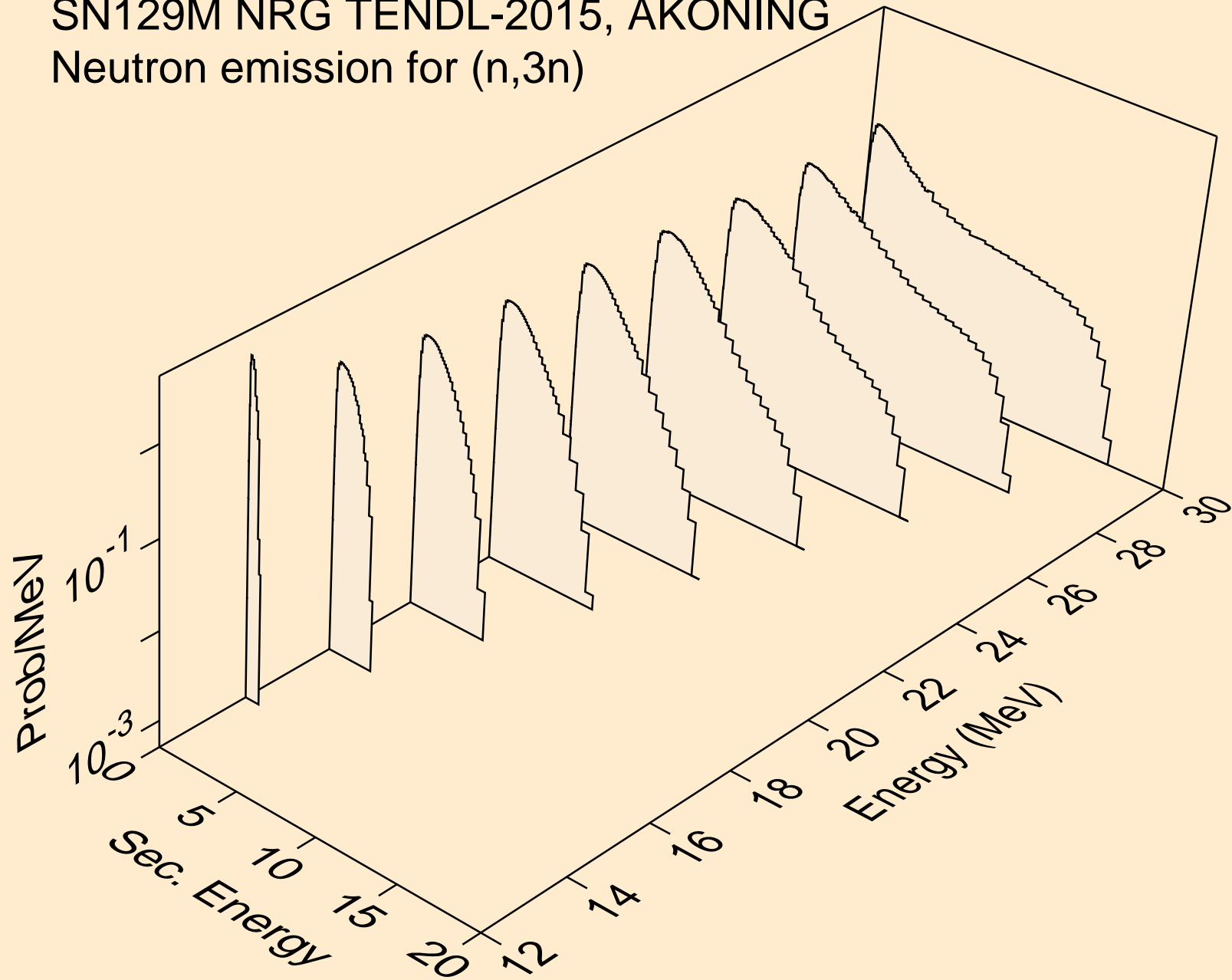
SN129M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



SN129M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

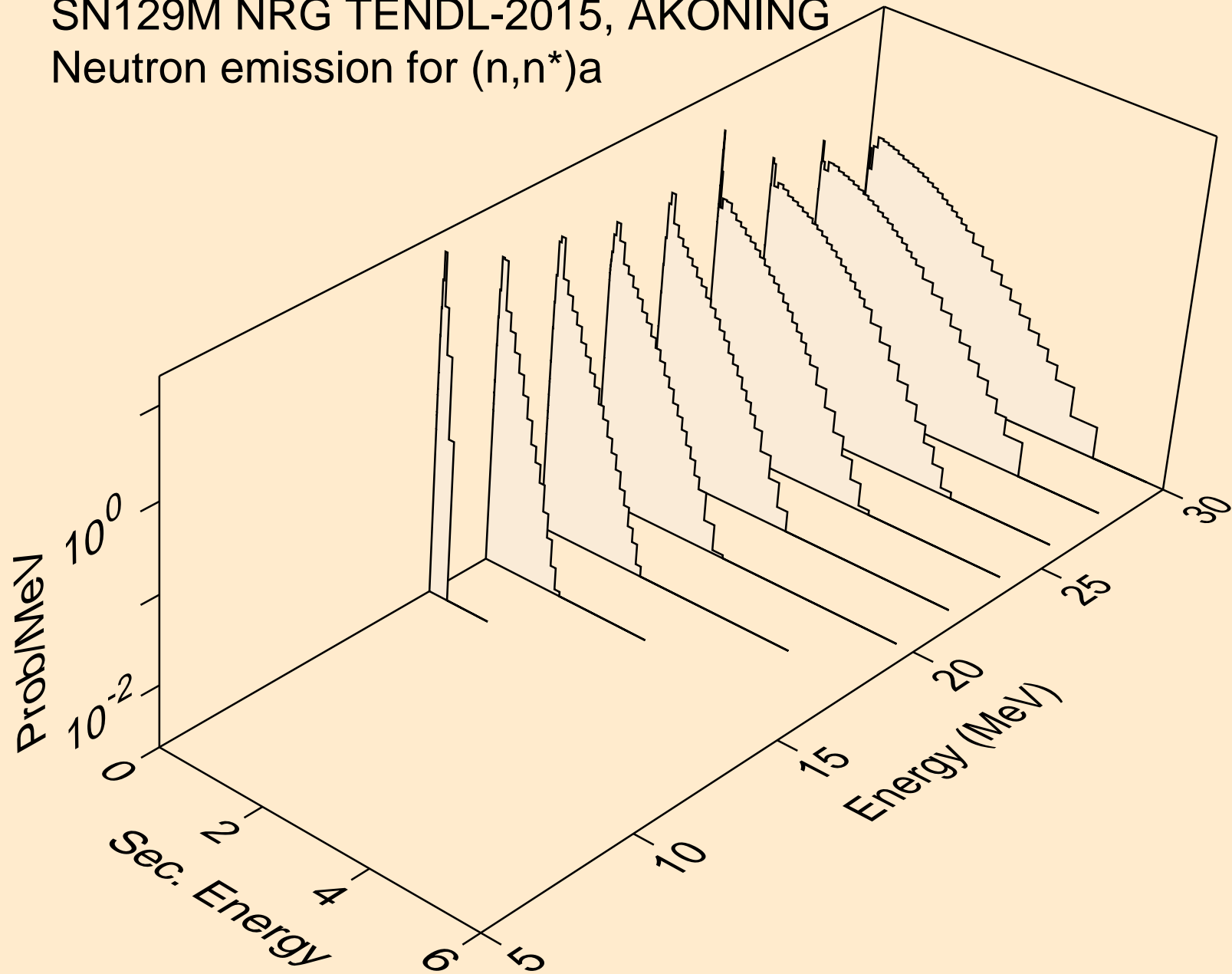


SN129M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

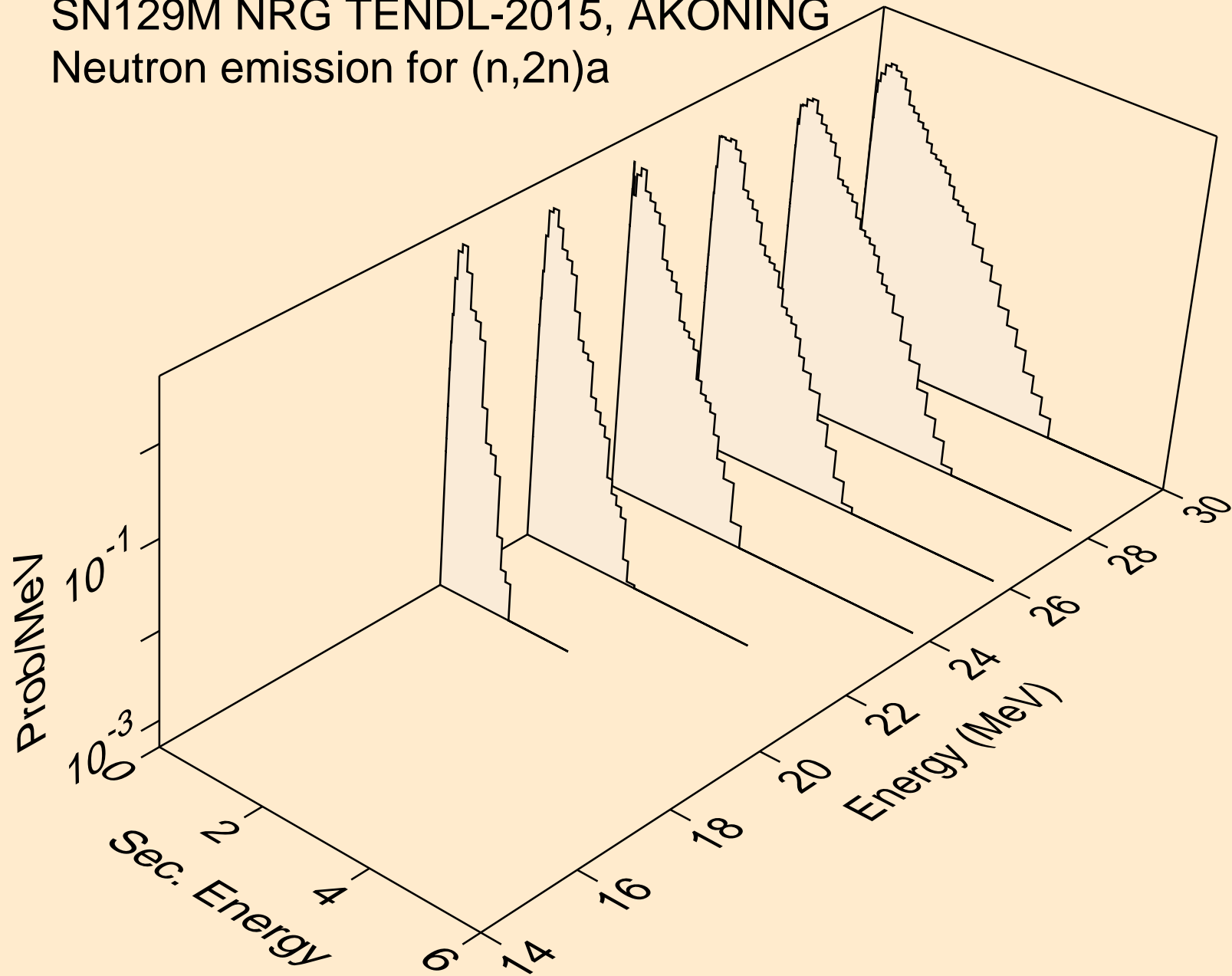




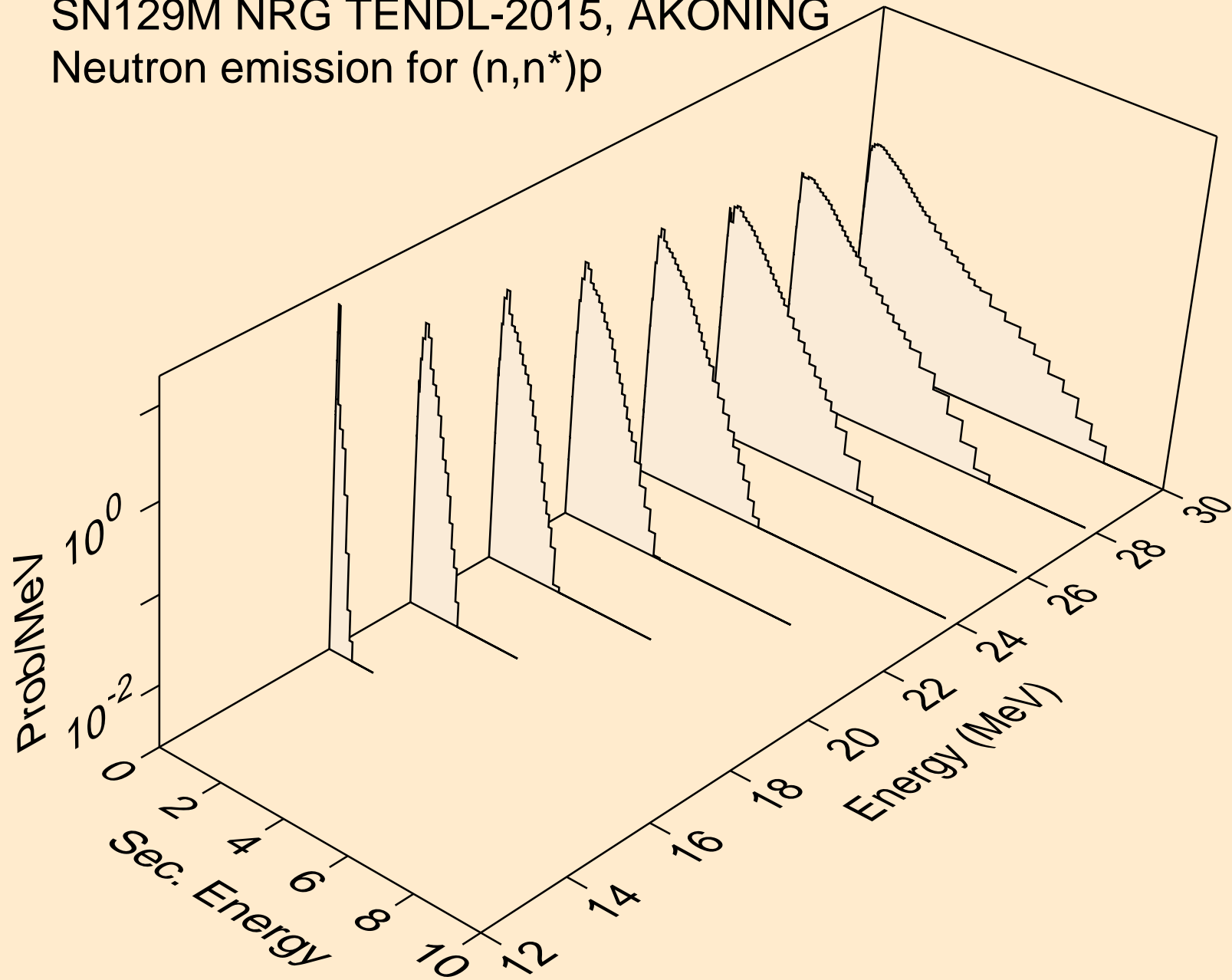
SN129M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



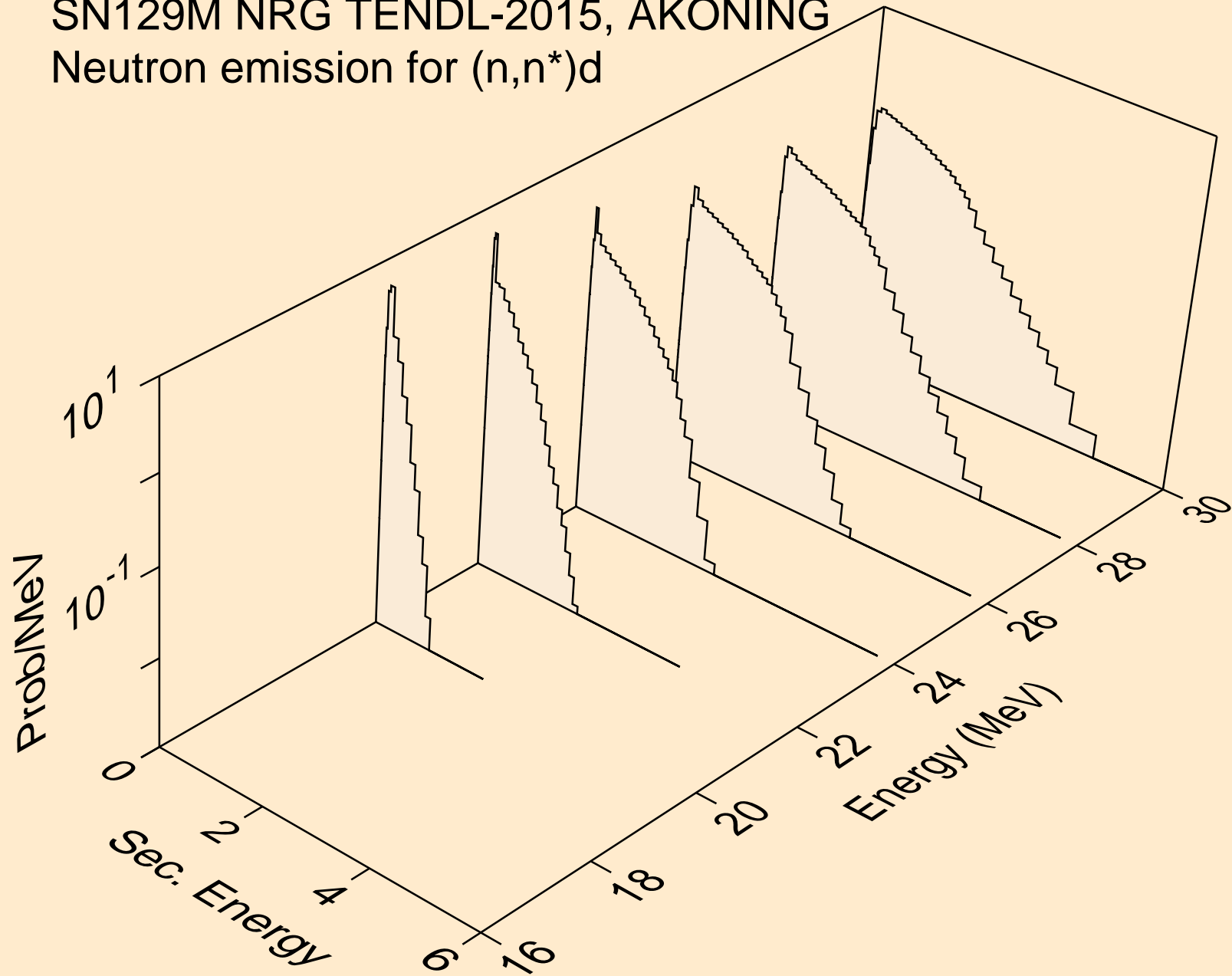
SN129M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



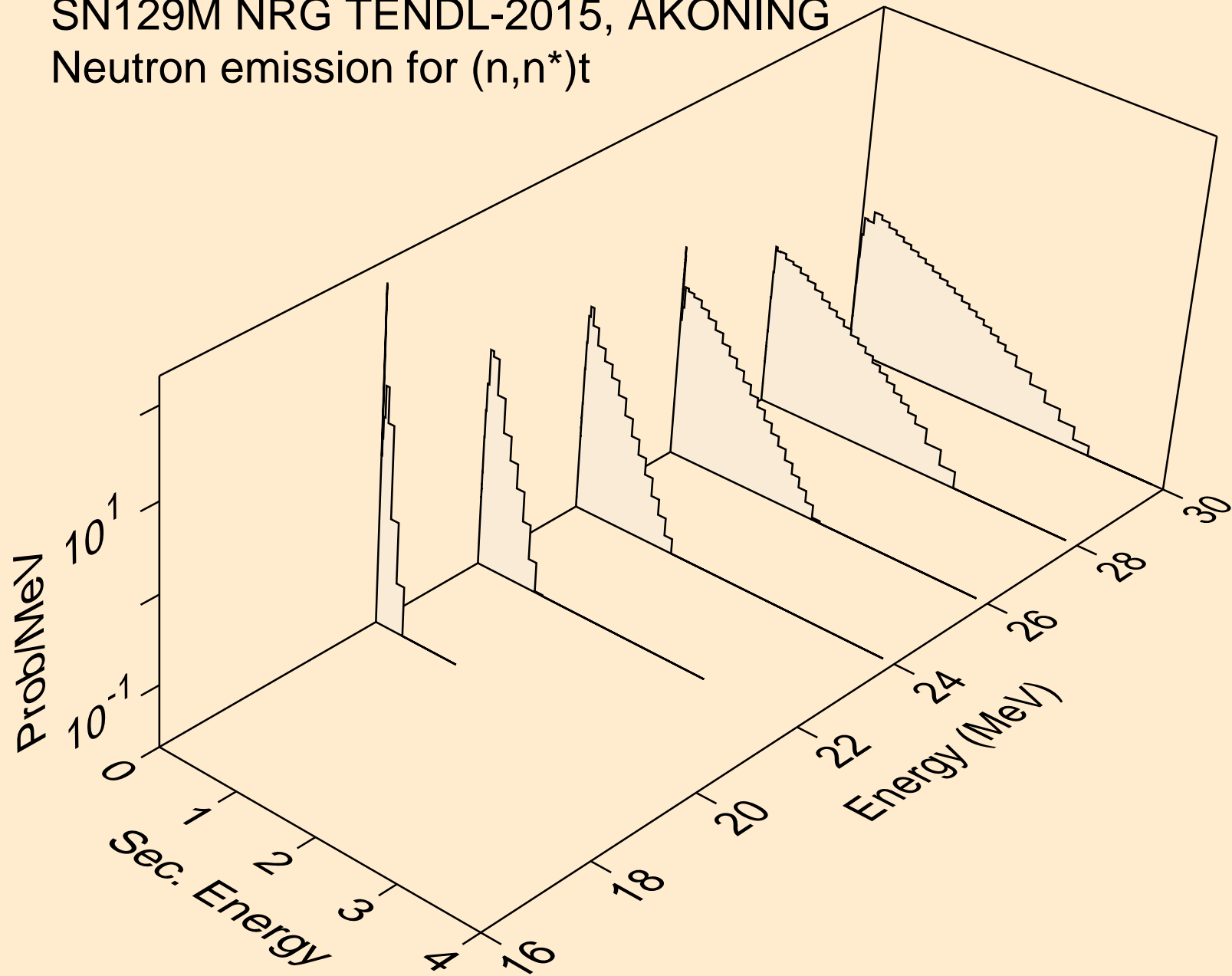
SN129M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



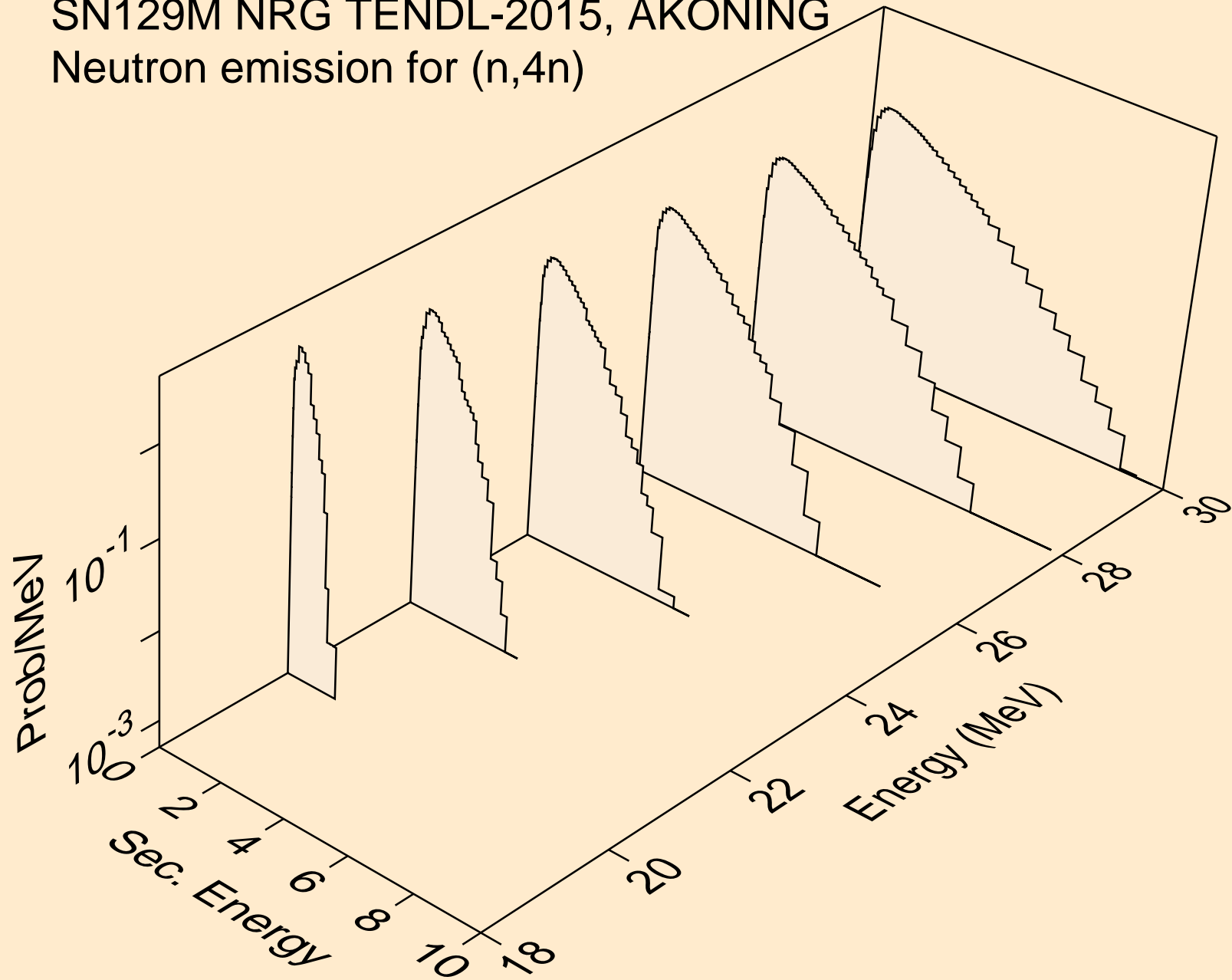
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Neutron emission for (n,n\*)d



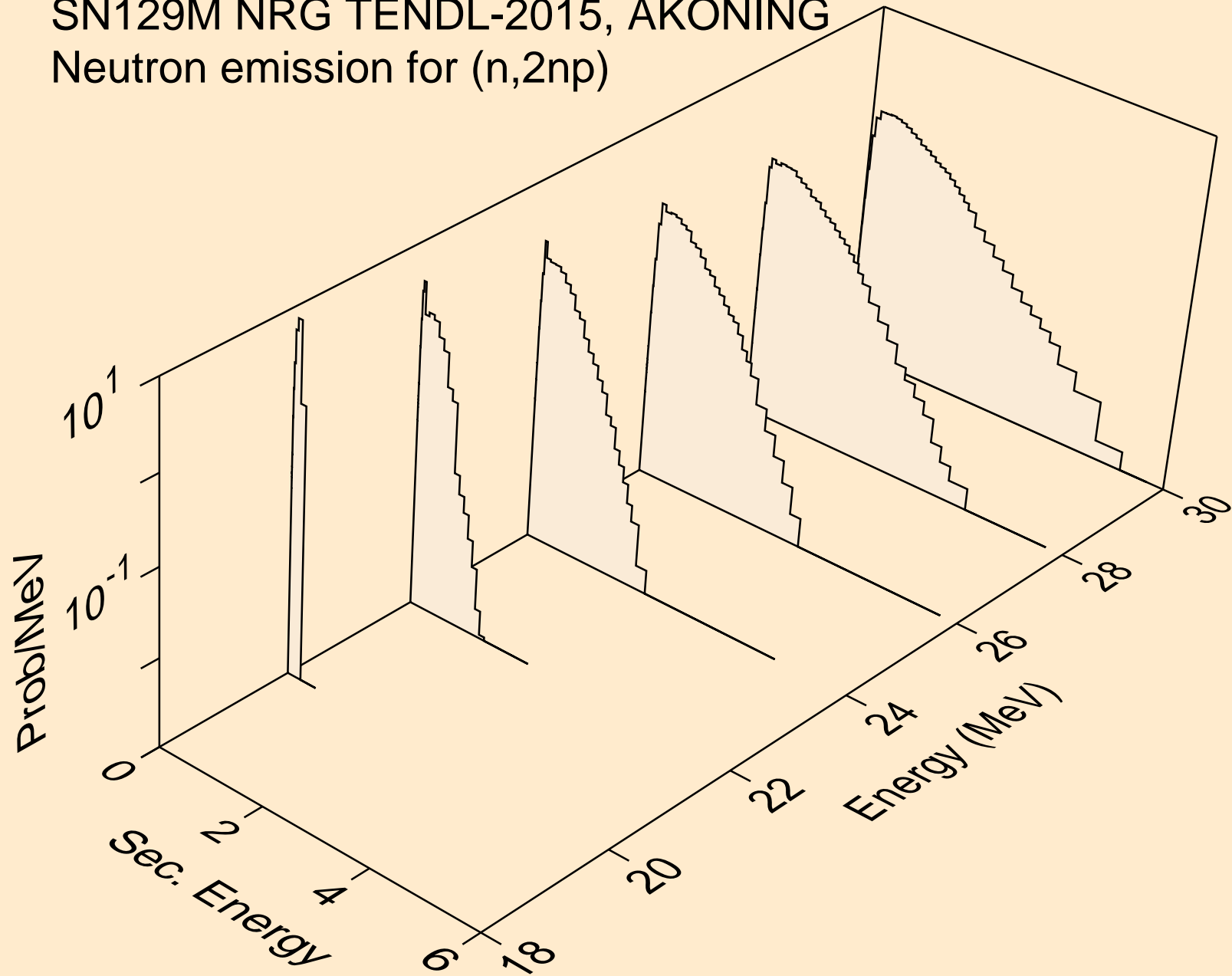
SN129M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



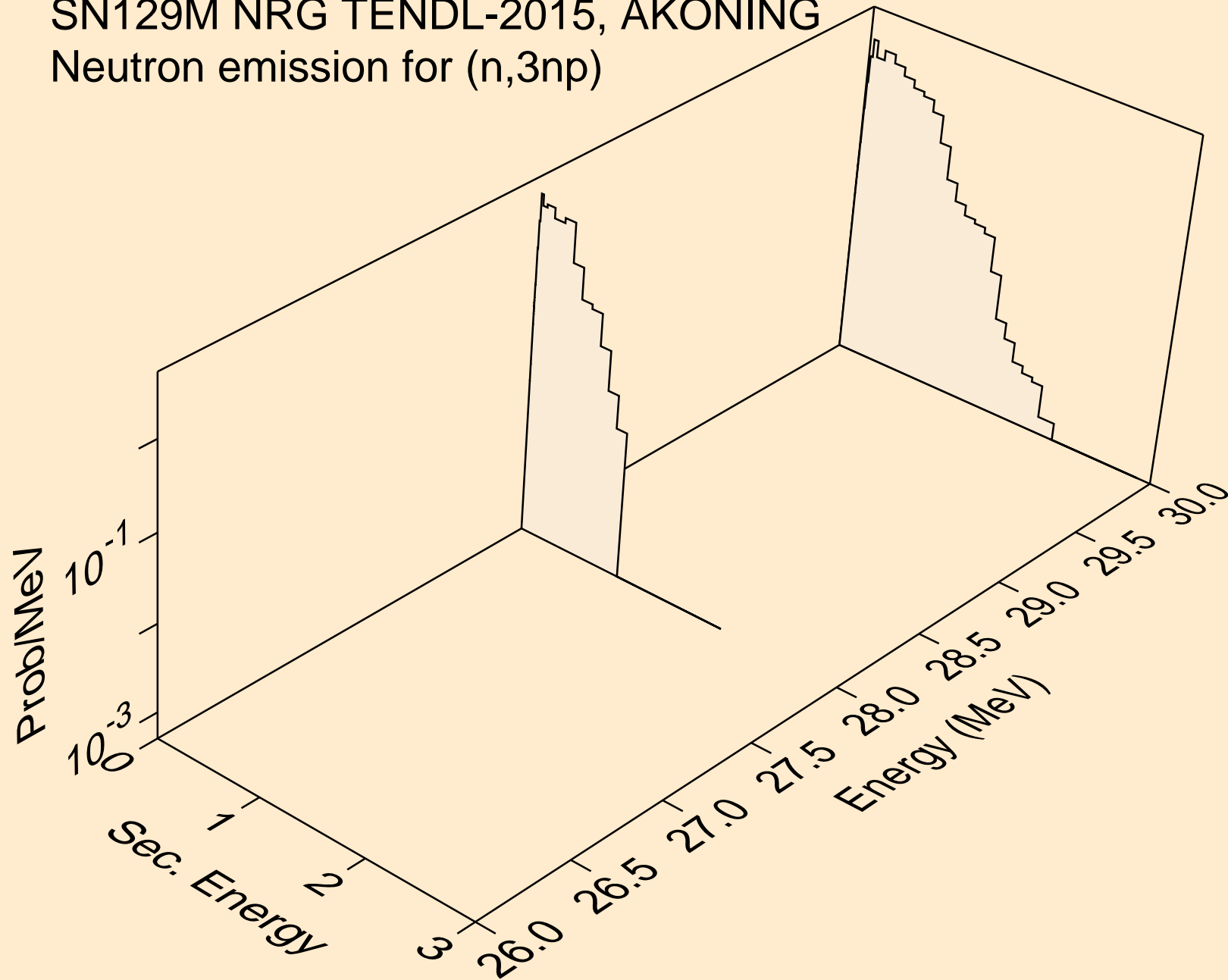
SN129M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



SN129M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

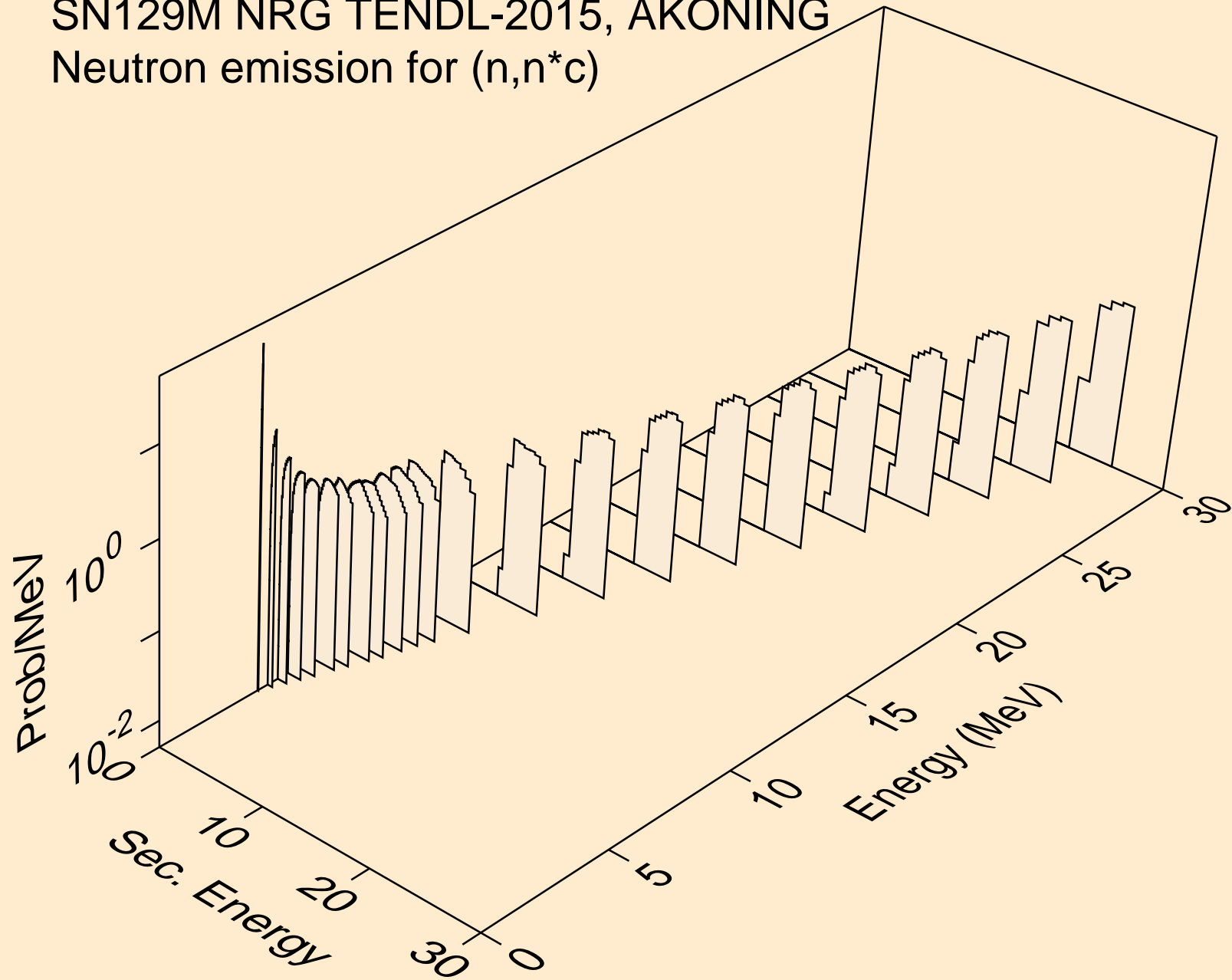


SN129M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

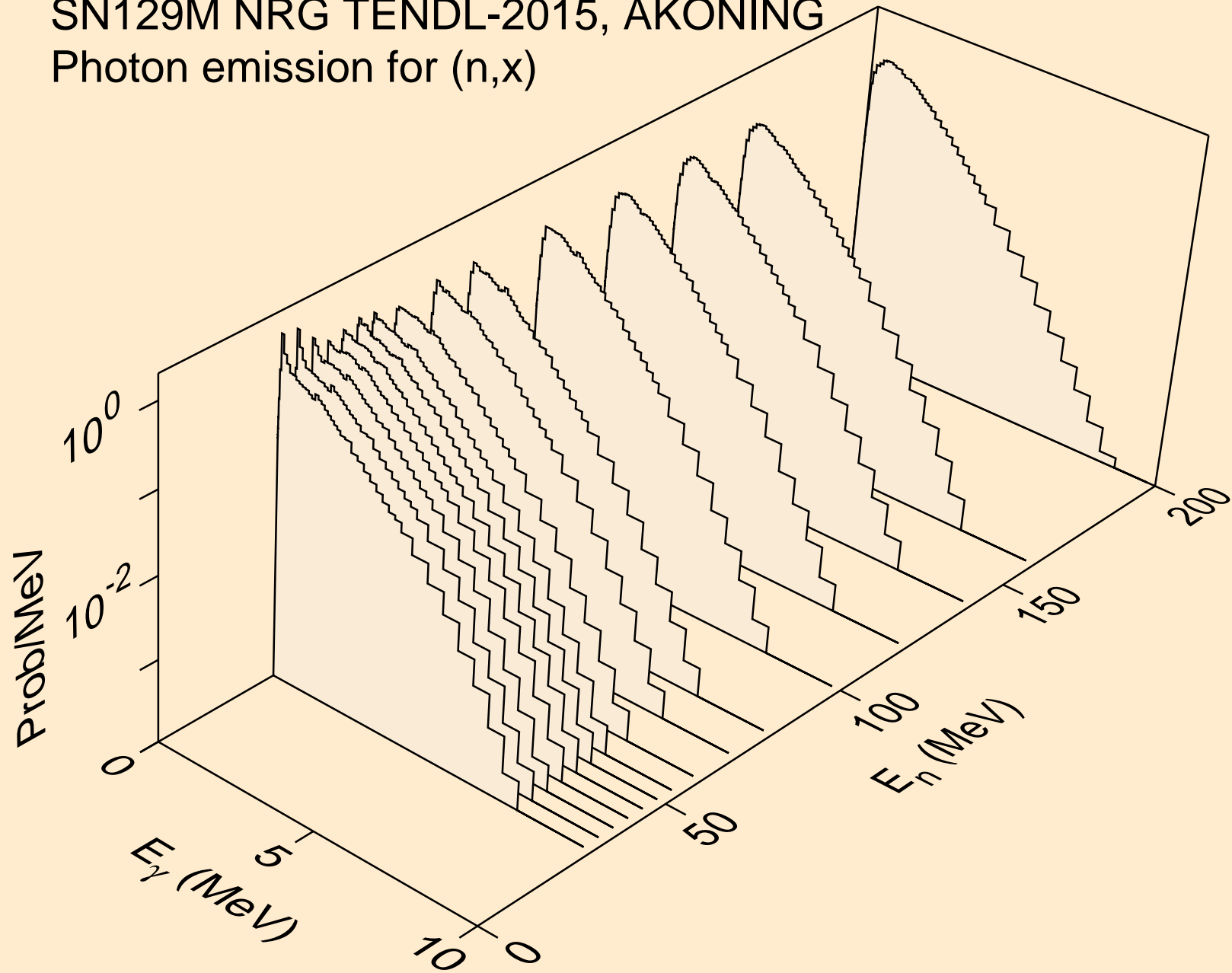




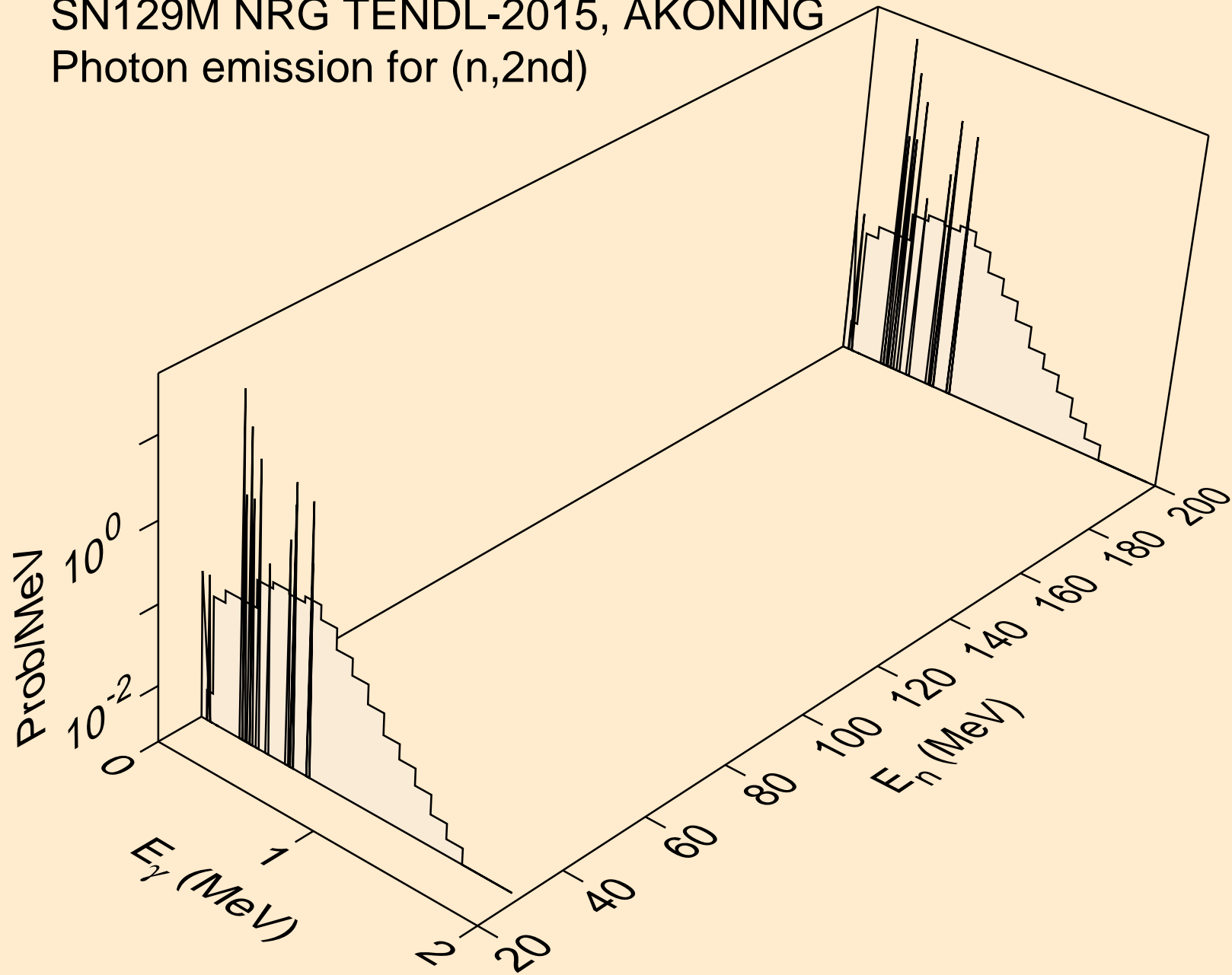
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Neutron emission for (n,n\*c)



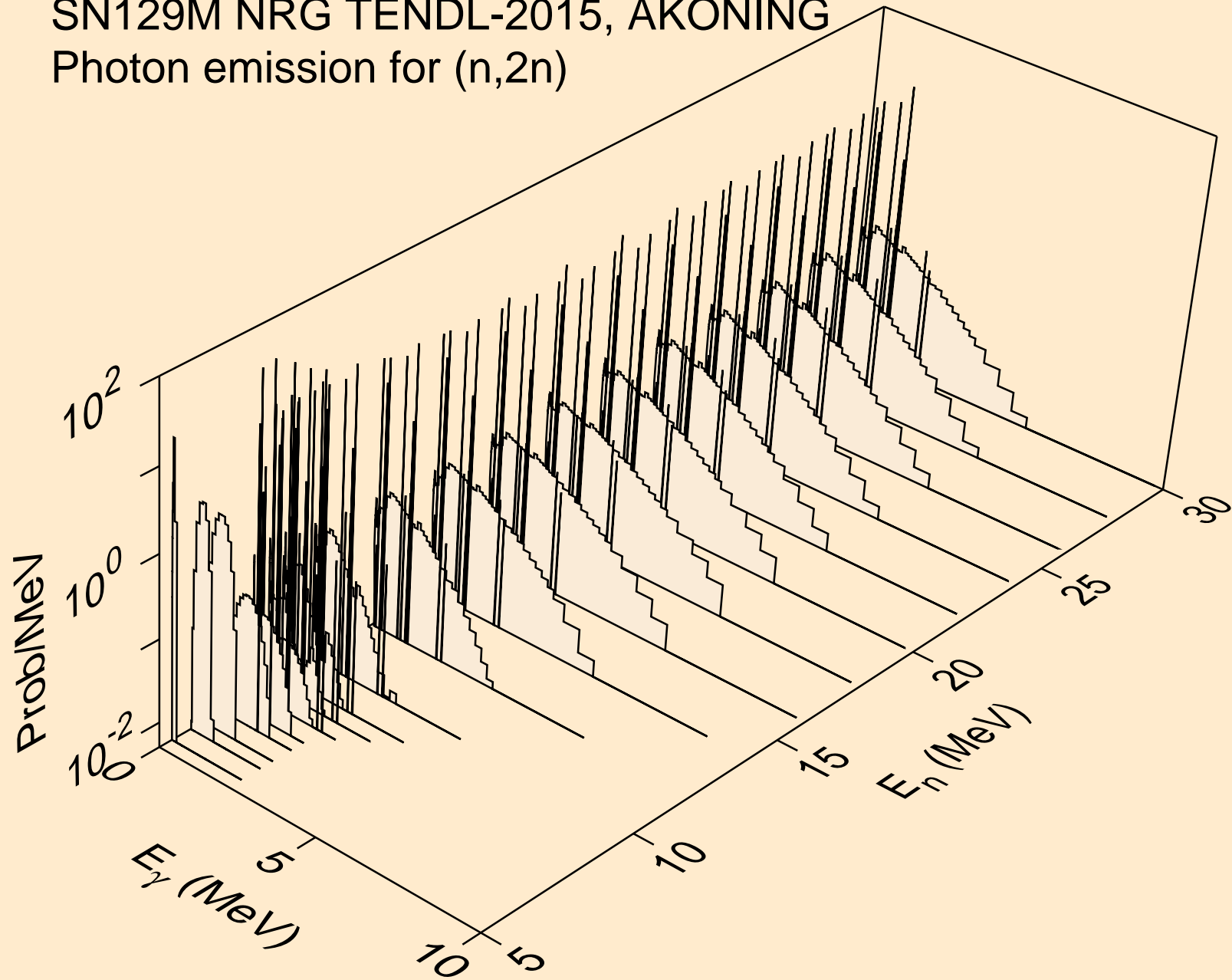
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



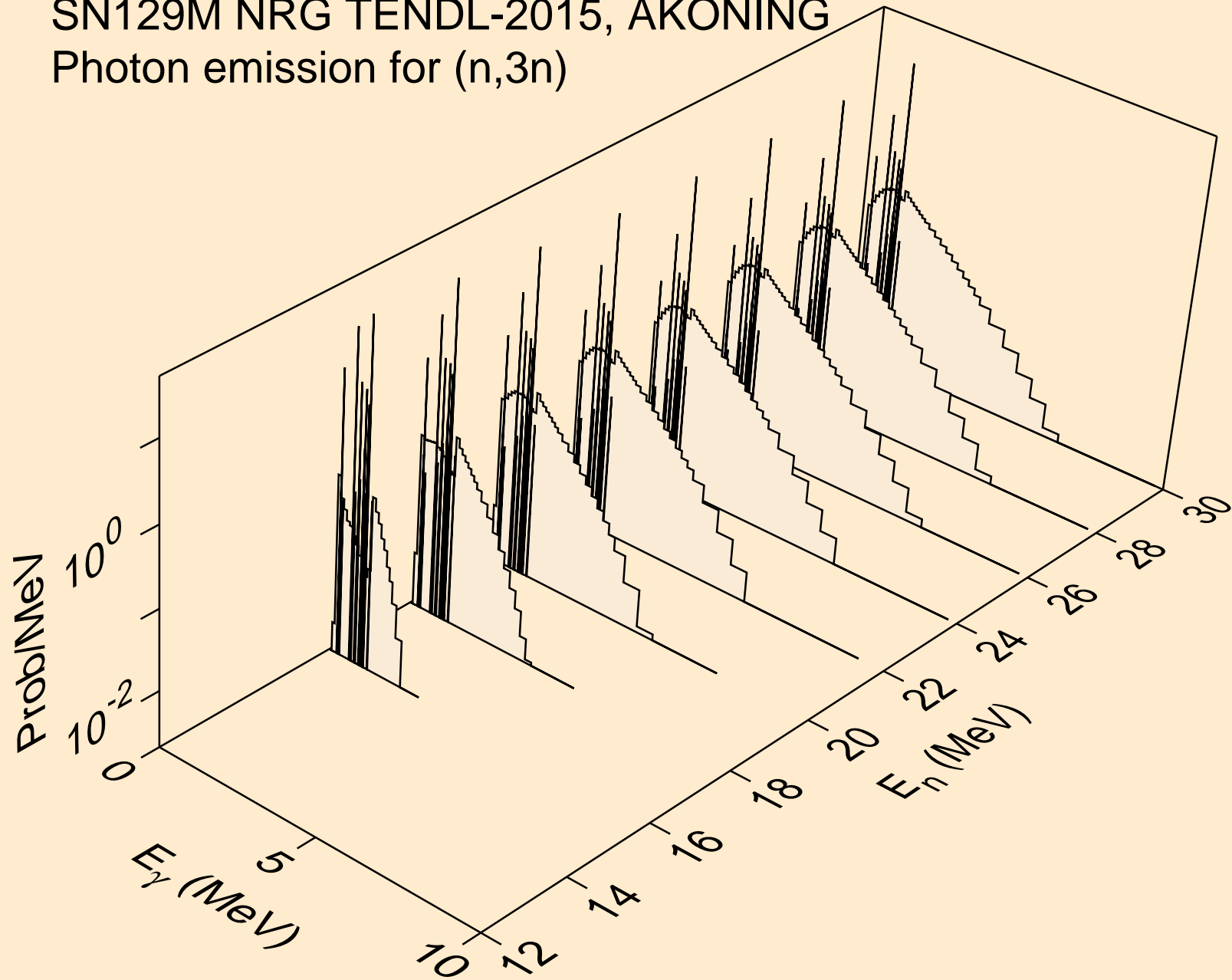
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



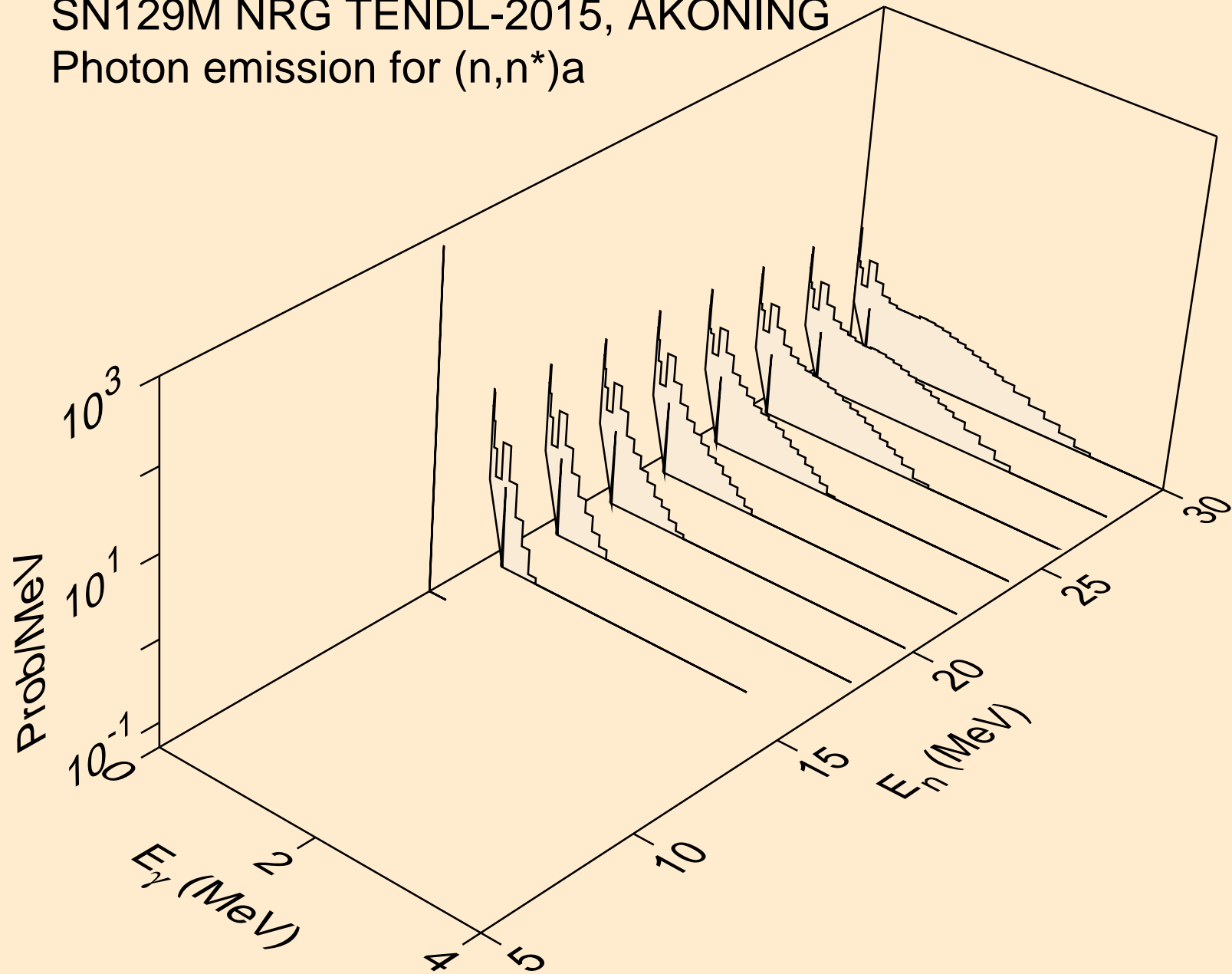
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Photon emission for (n,2n)



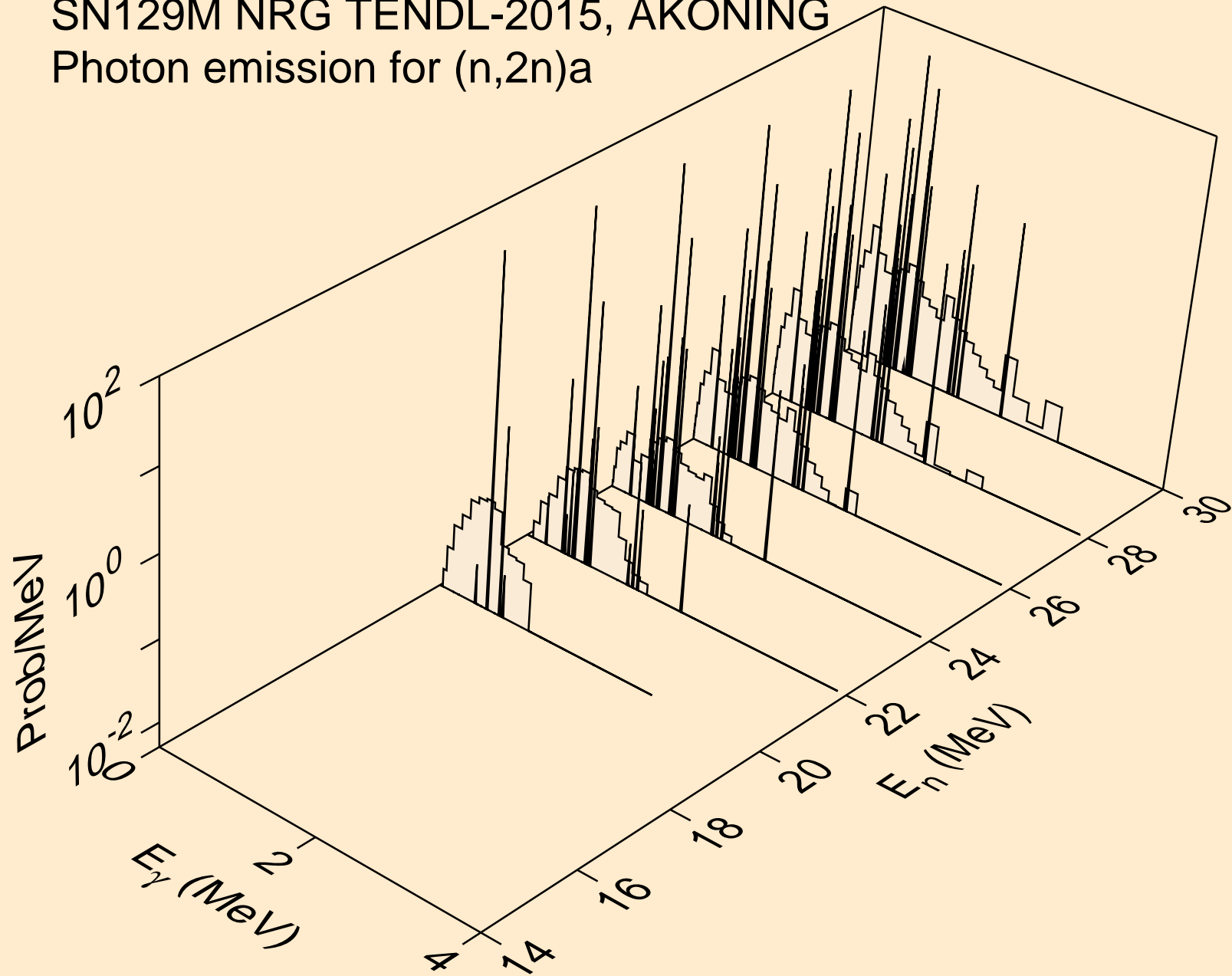
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



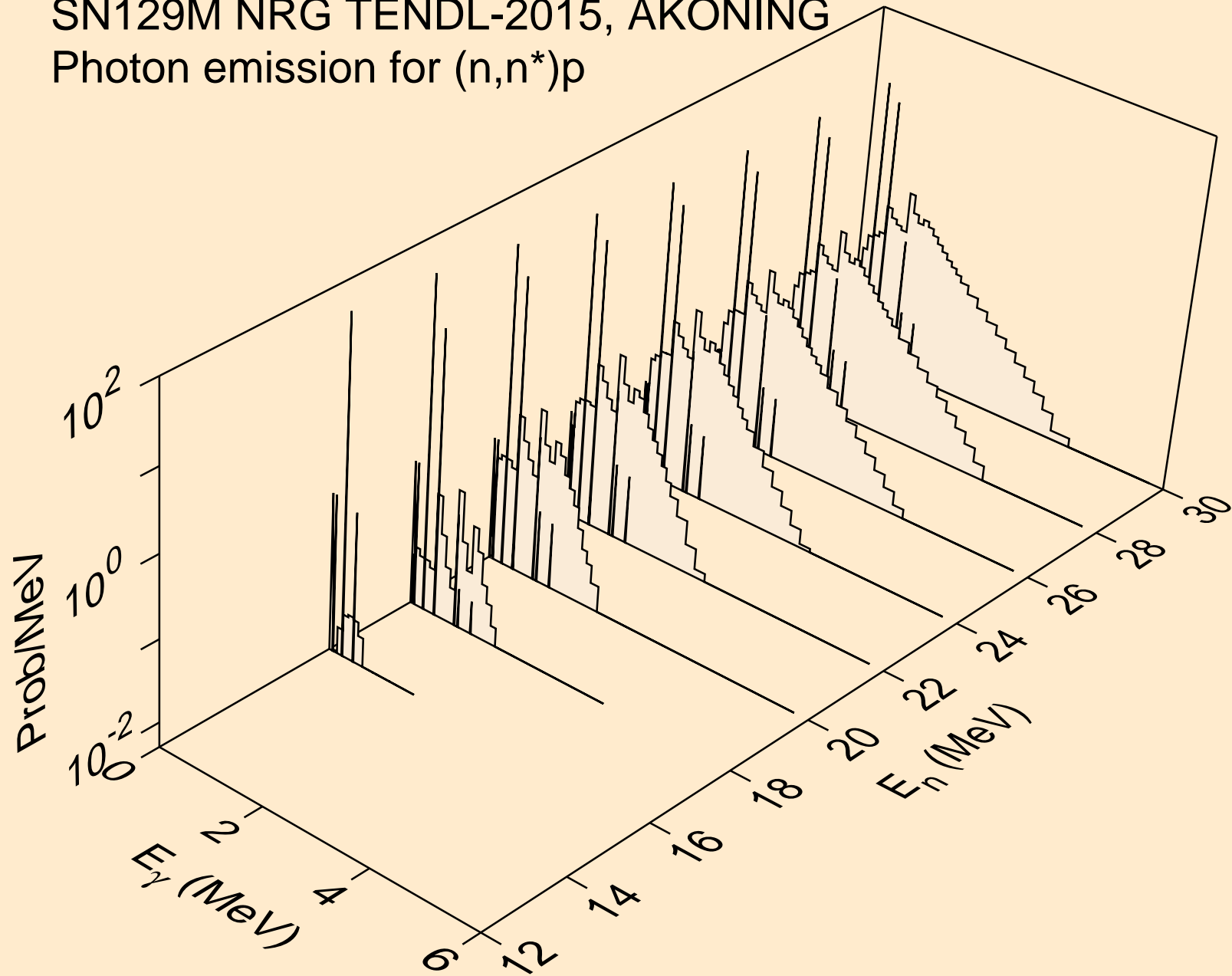
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

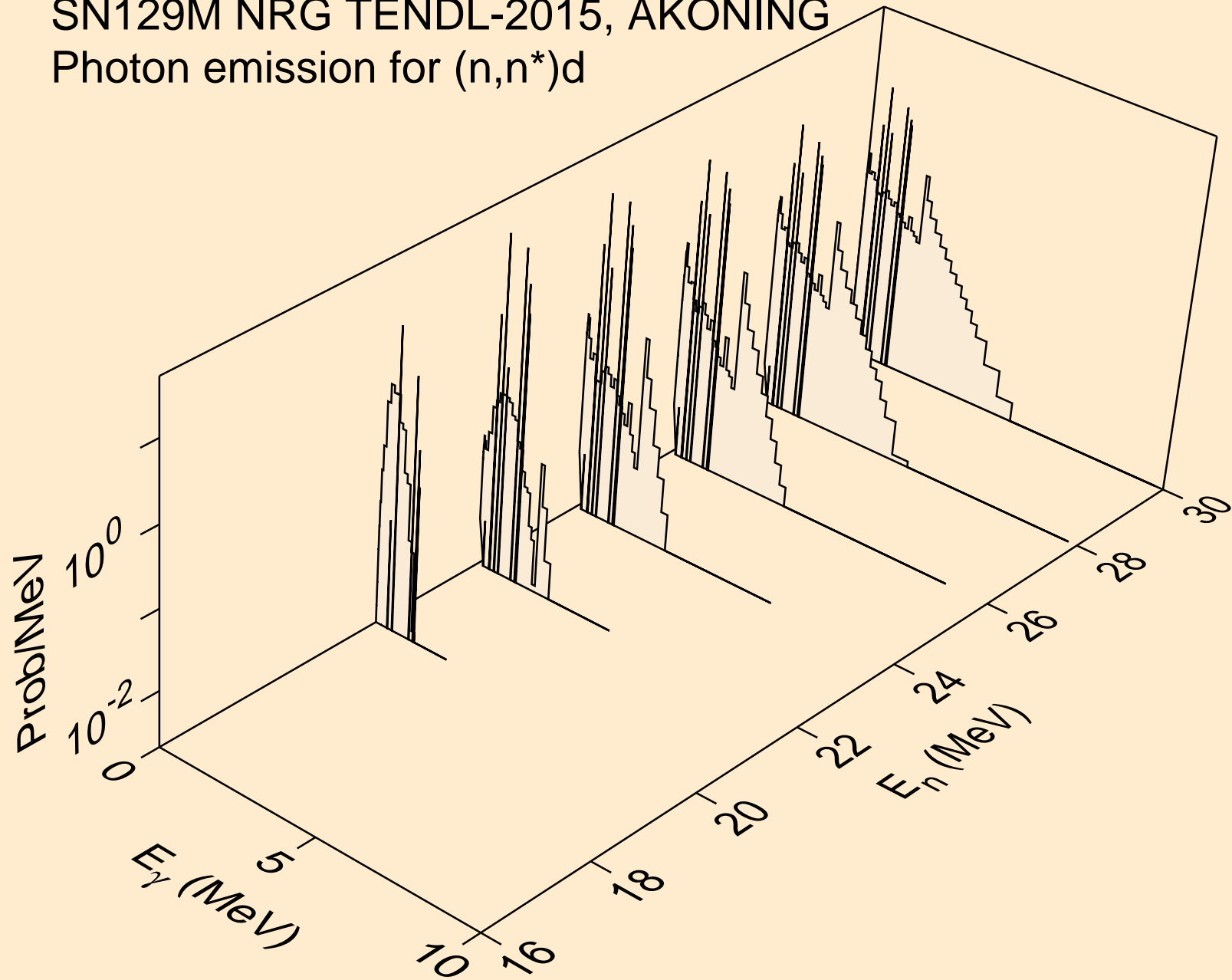


SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

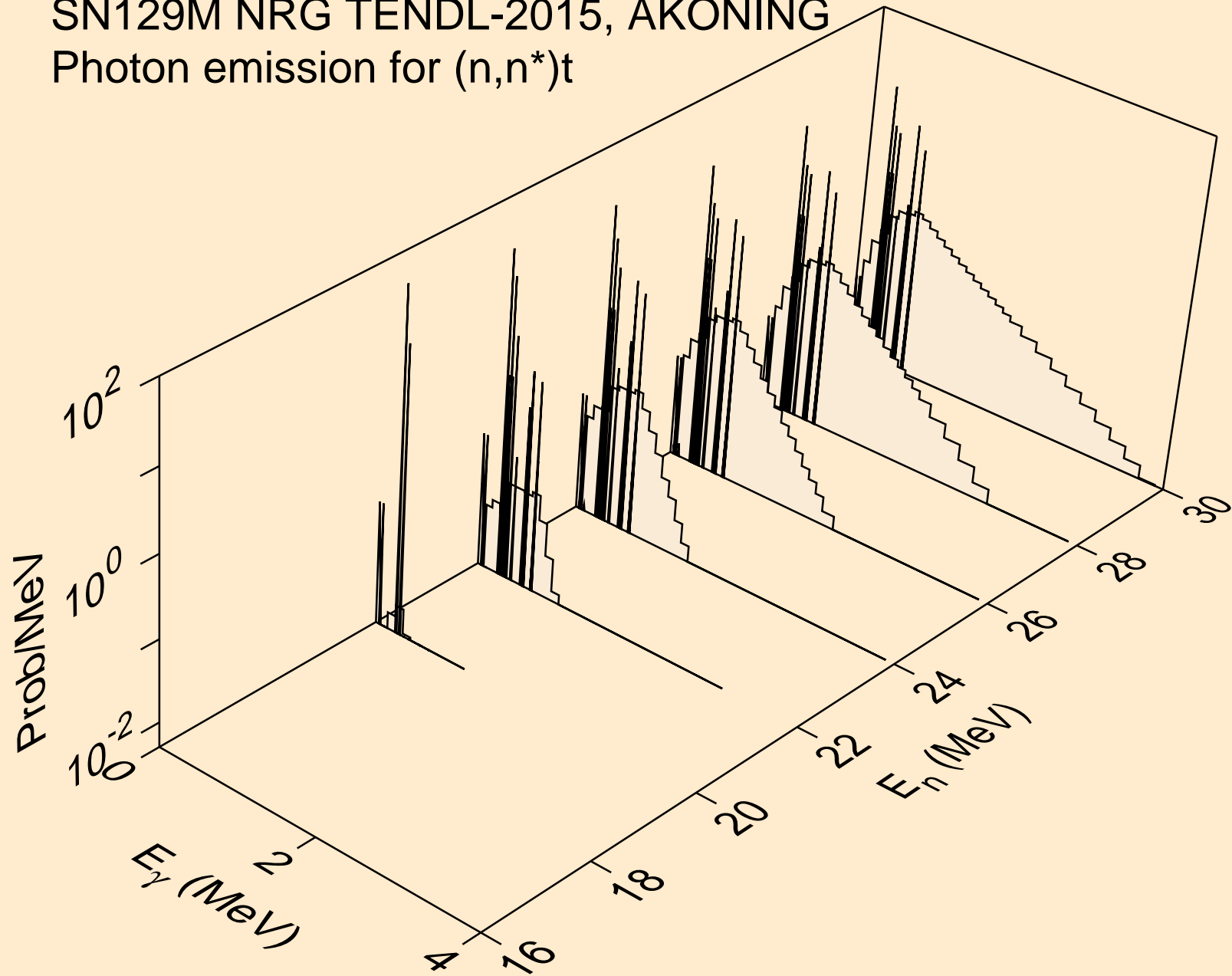




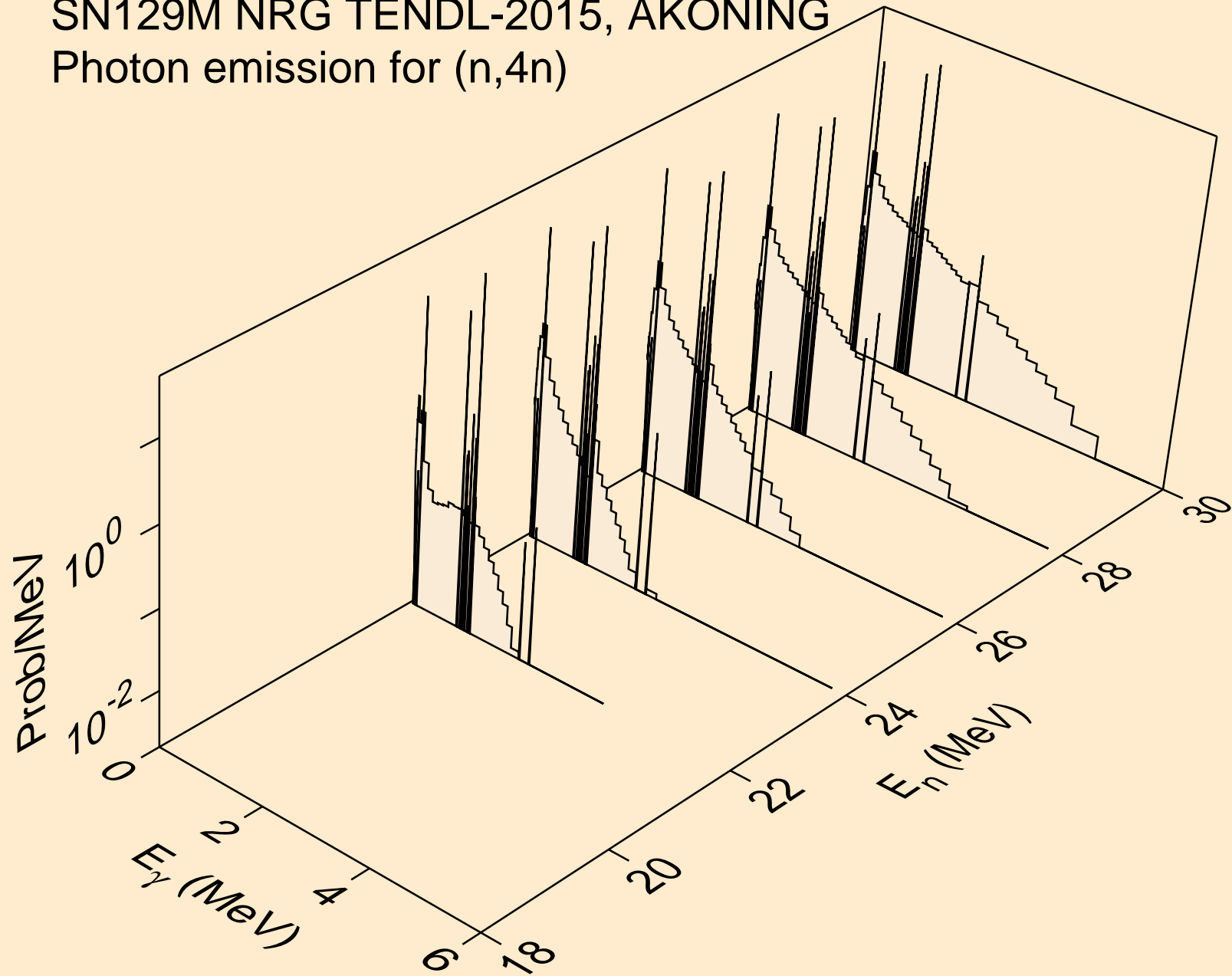
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



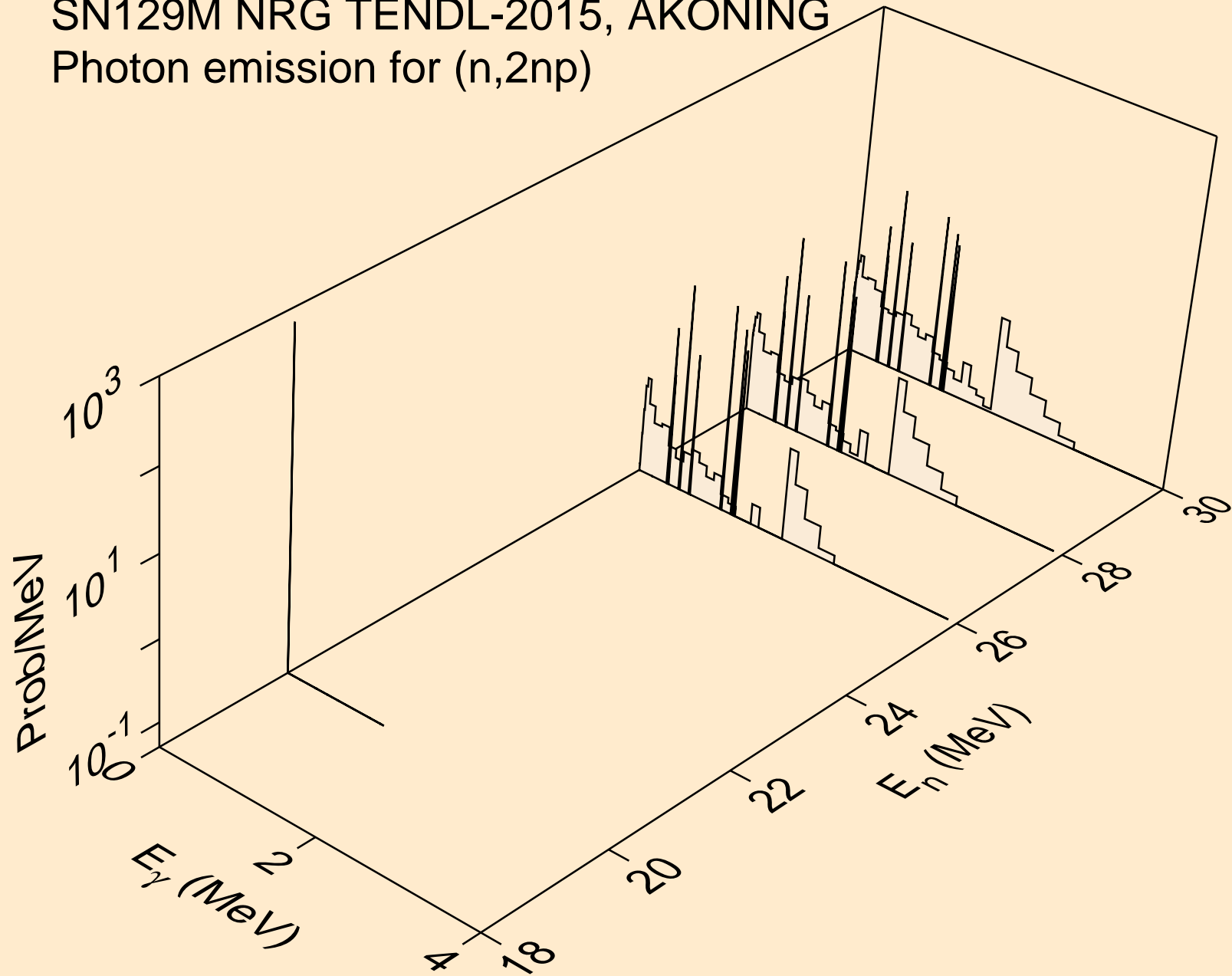
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



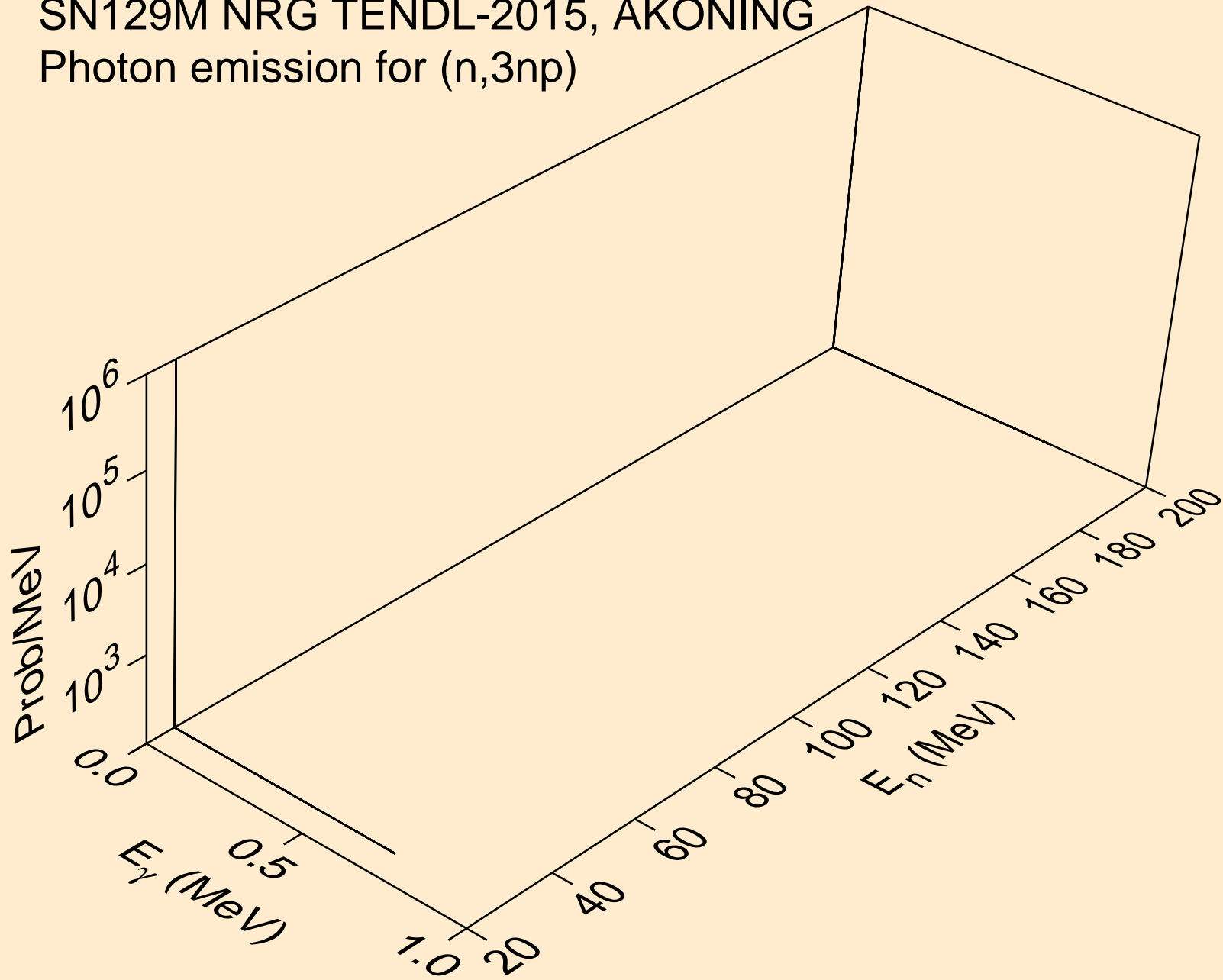
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



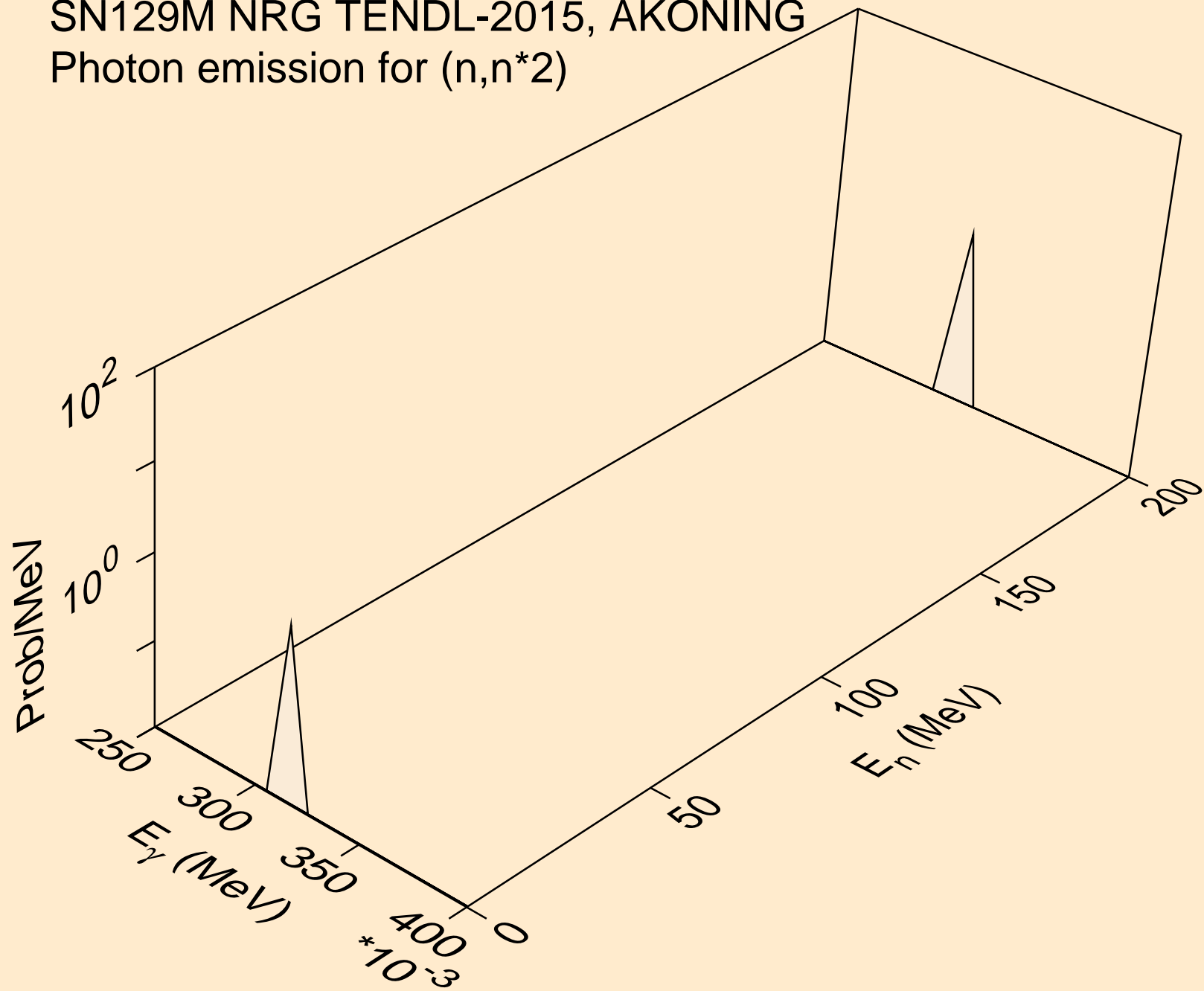
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



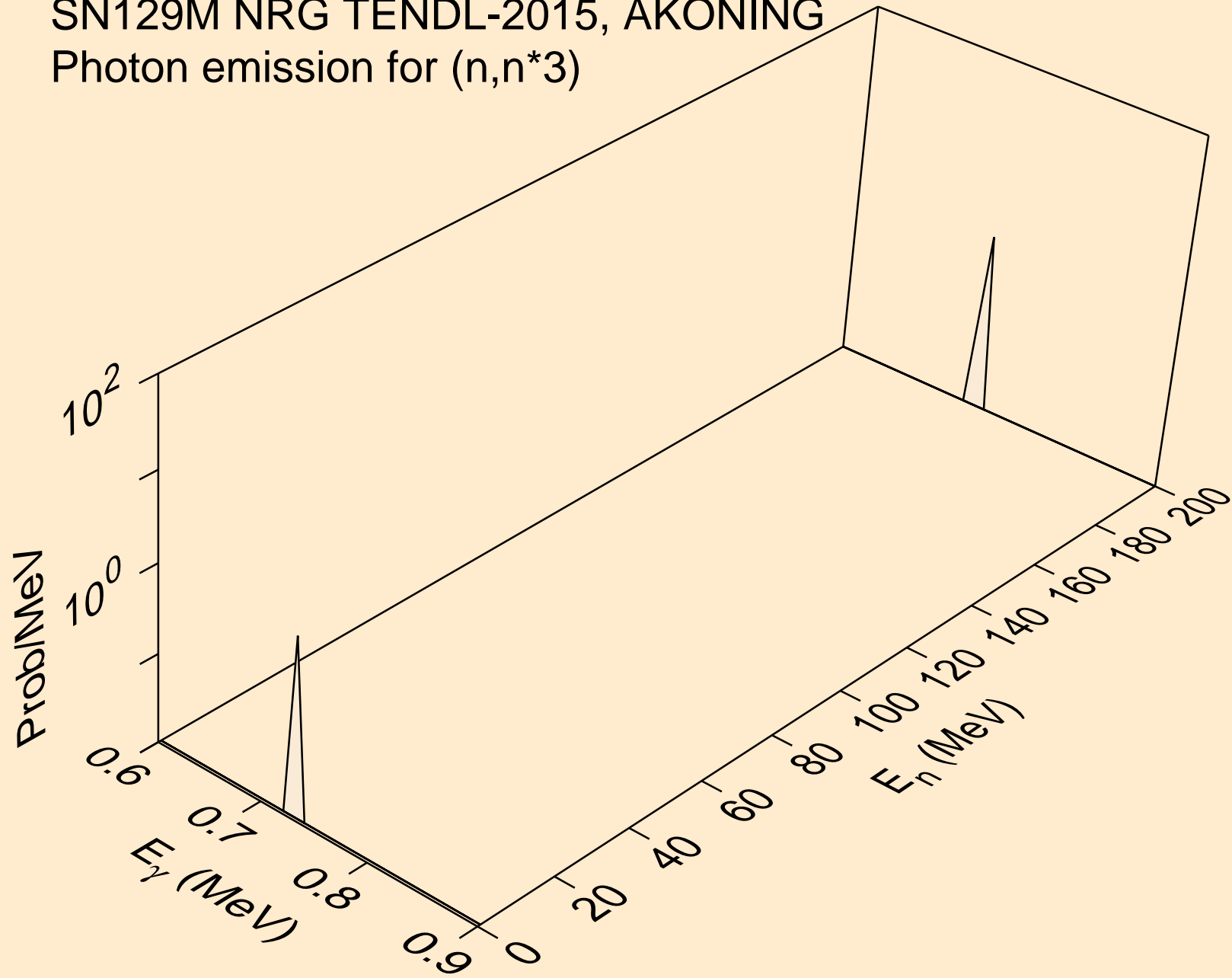
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



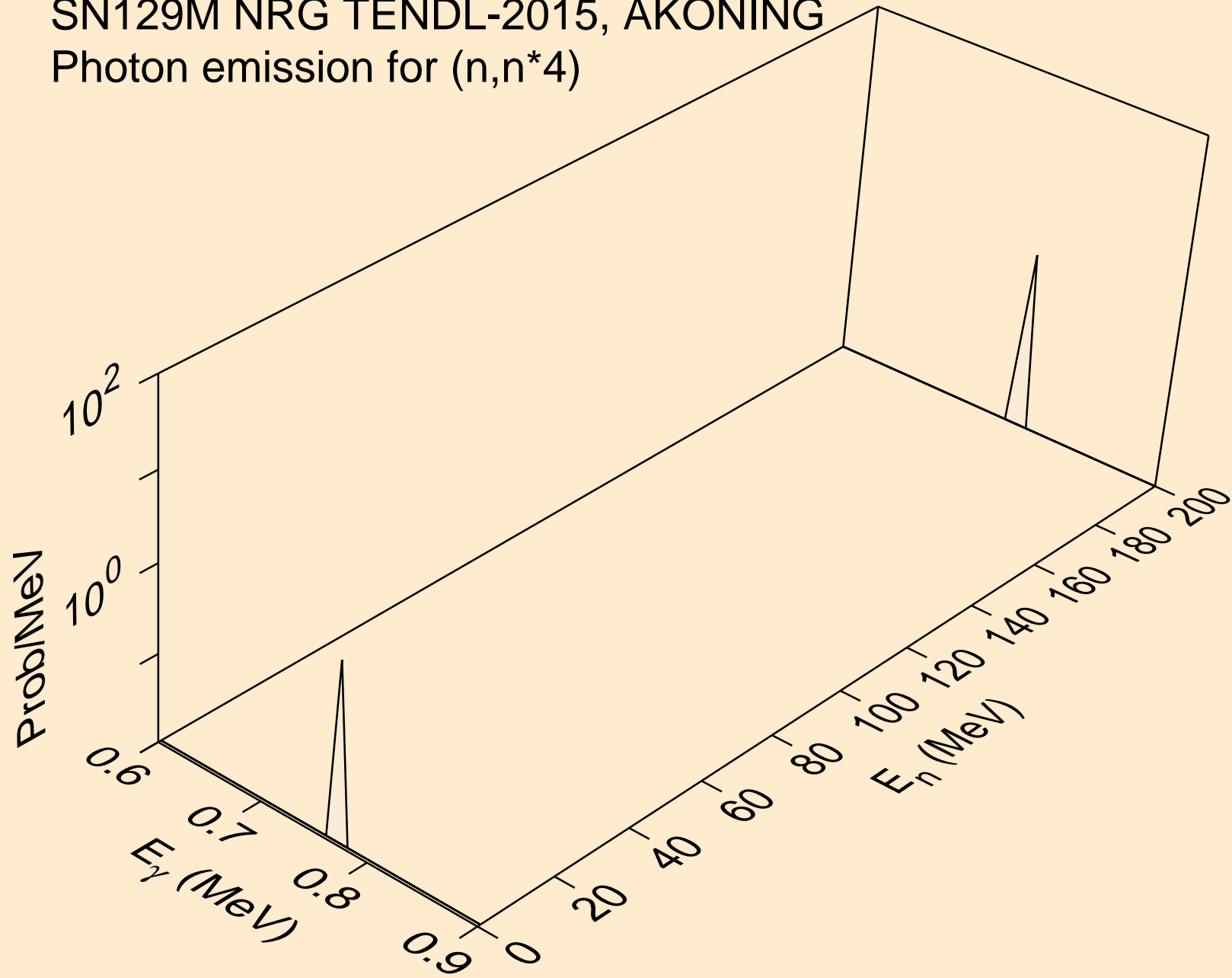
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)

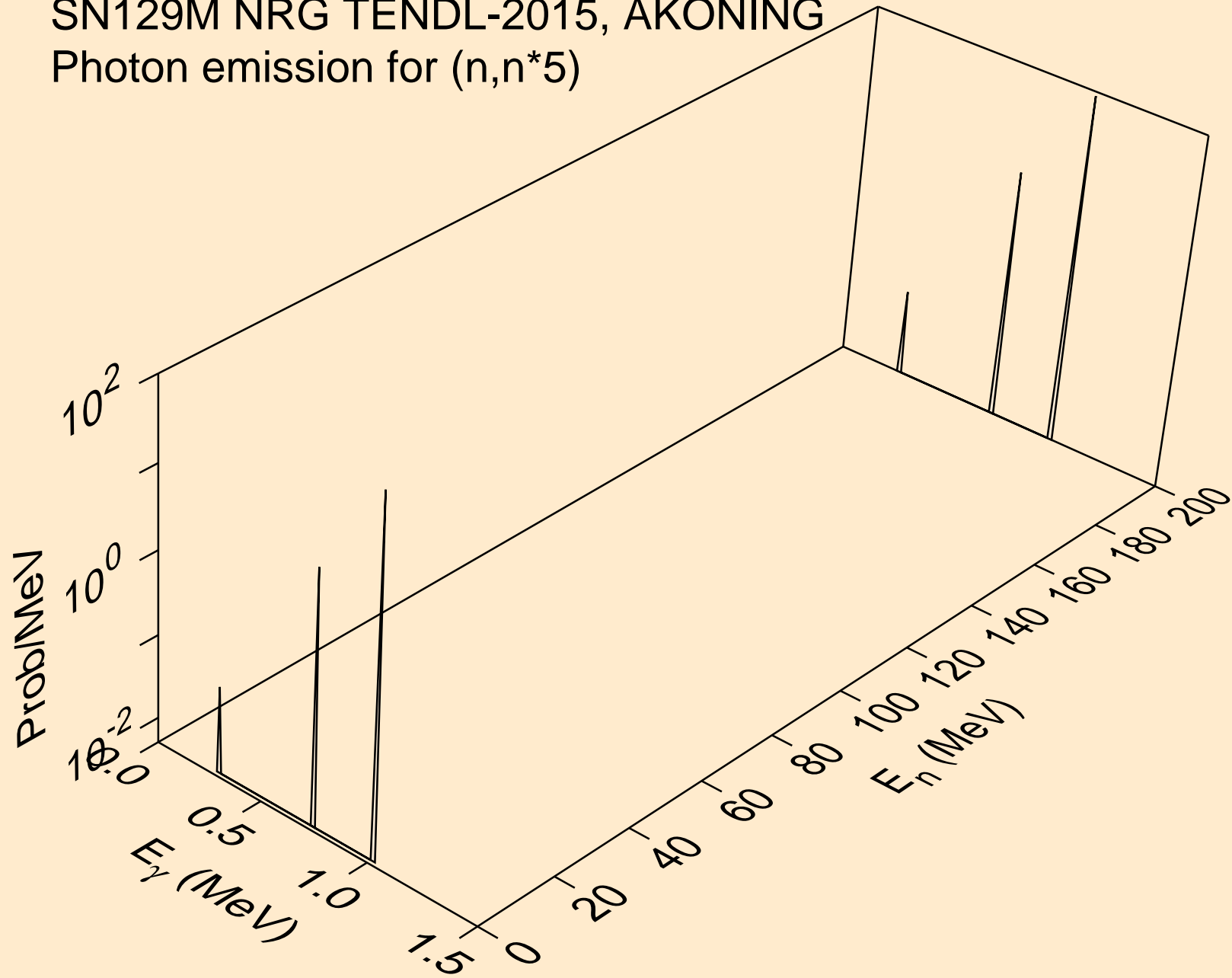


SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)

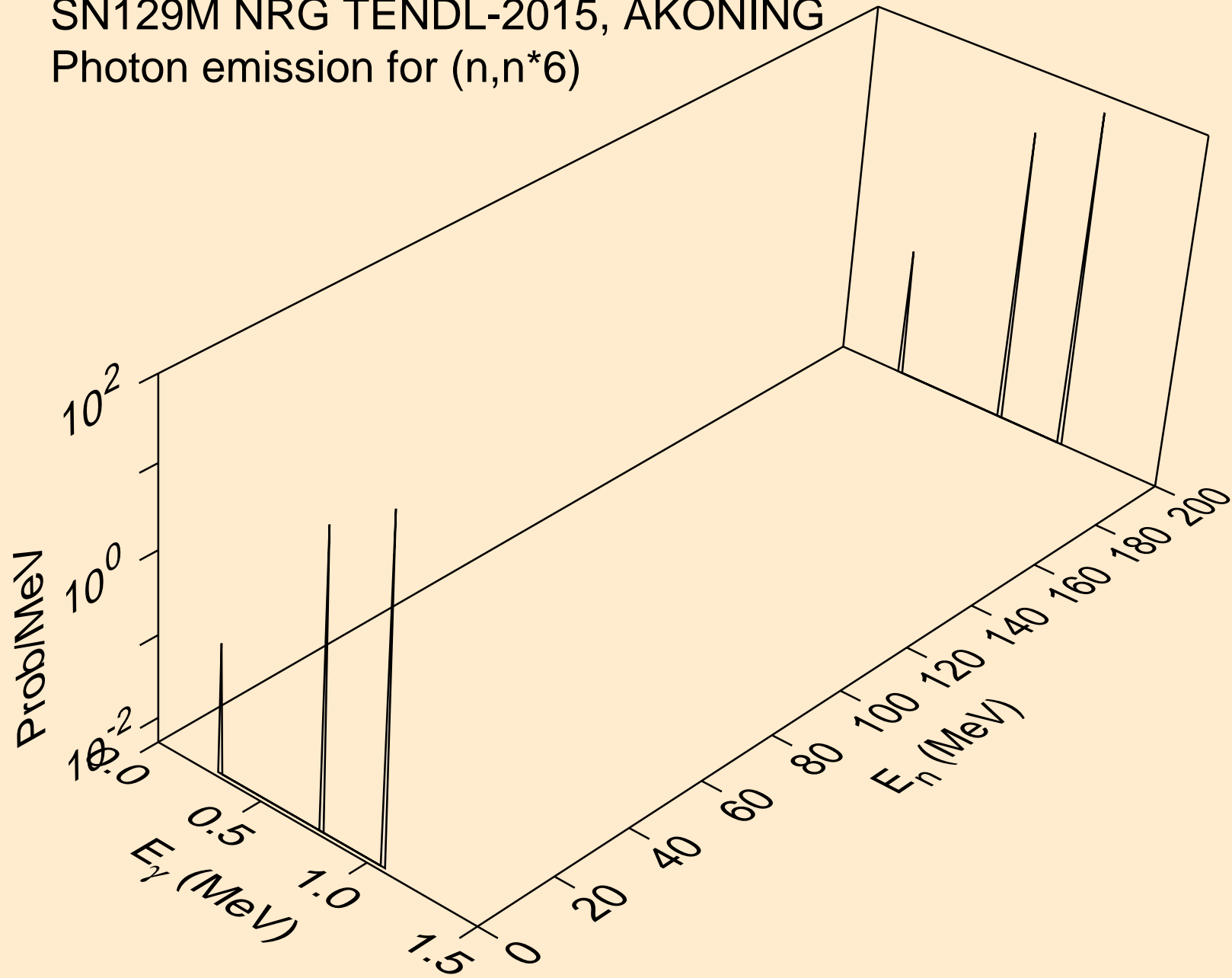




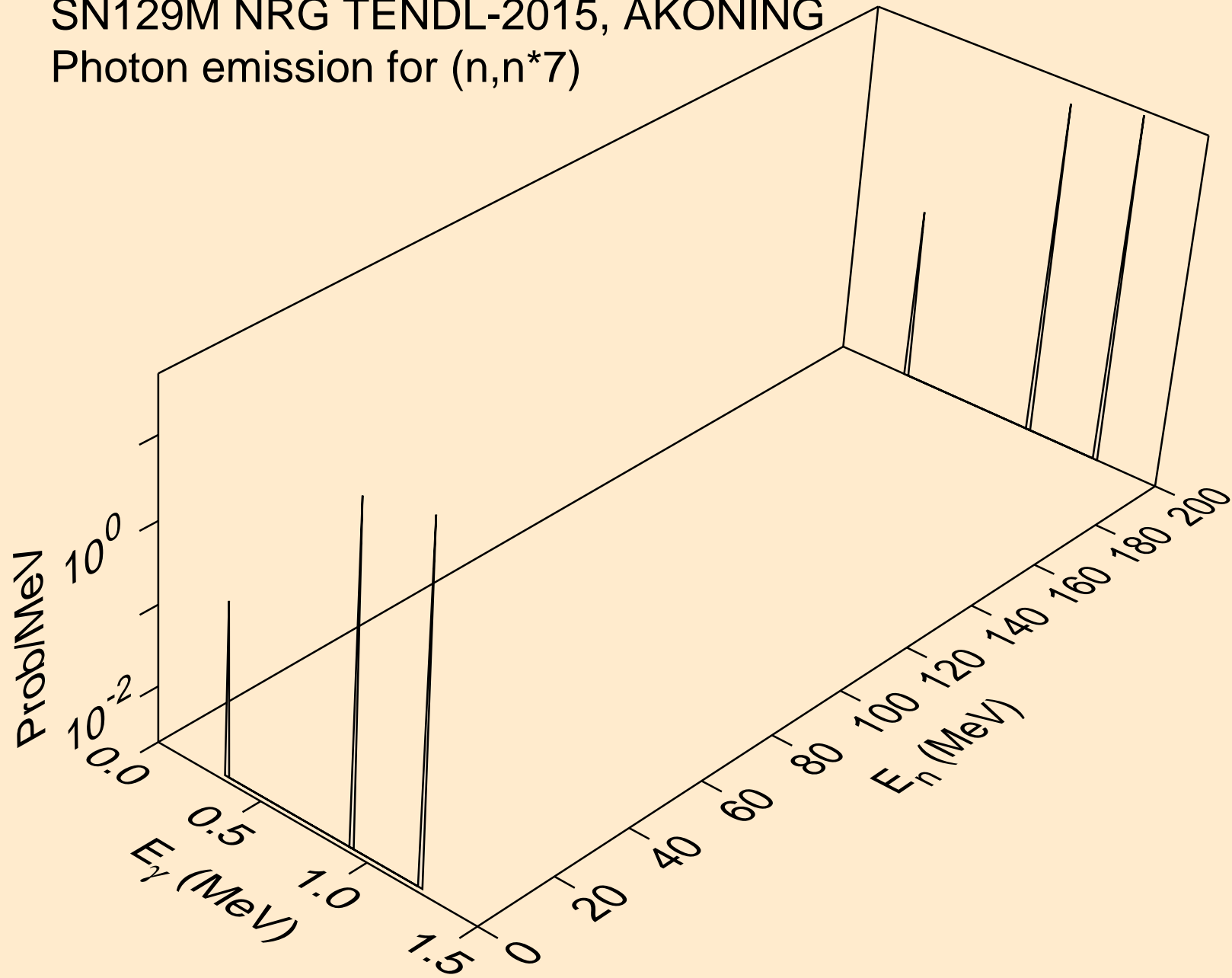
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



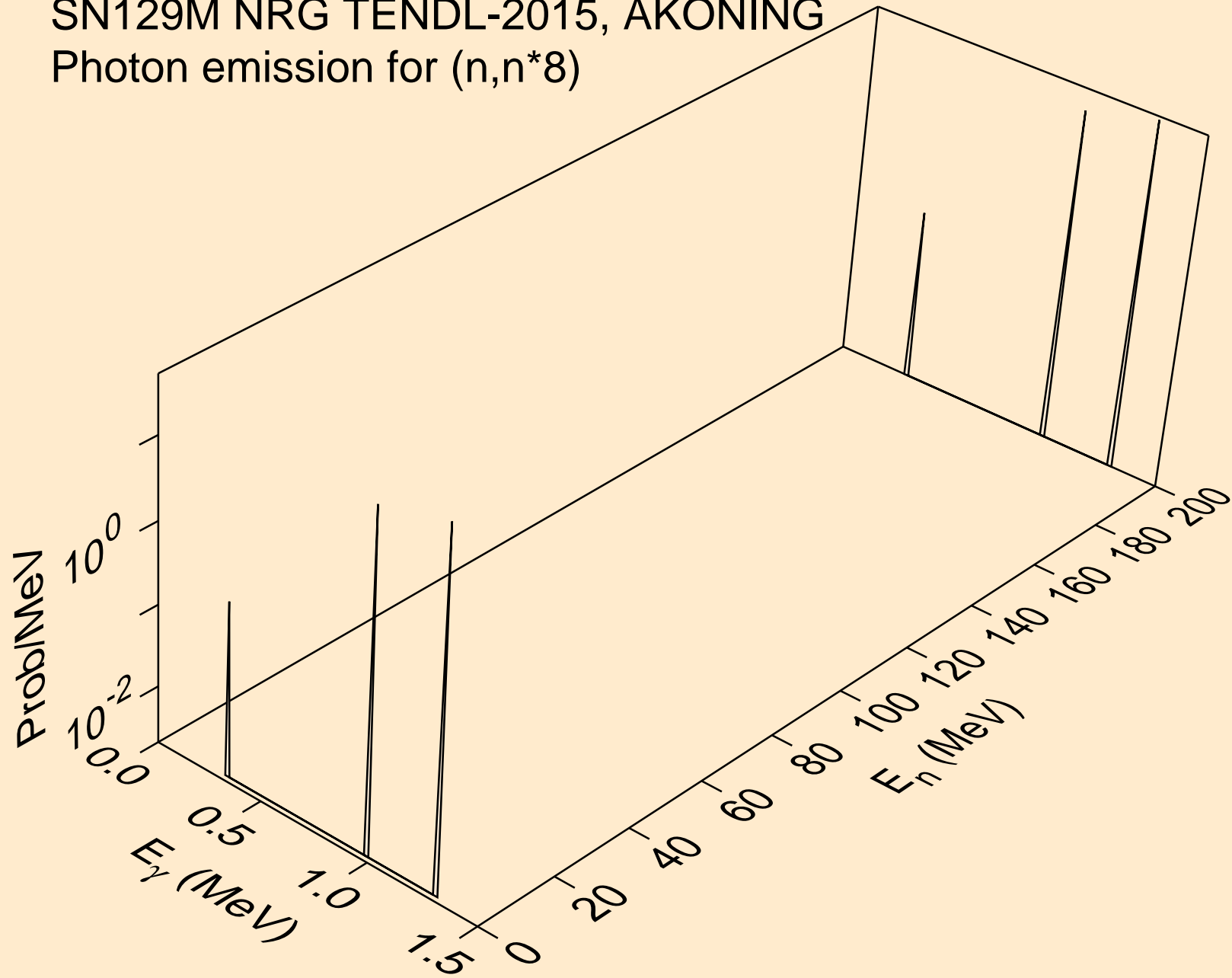
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)



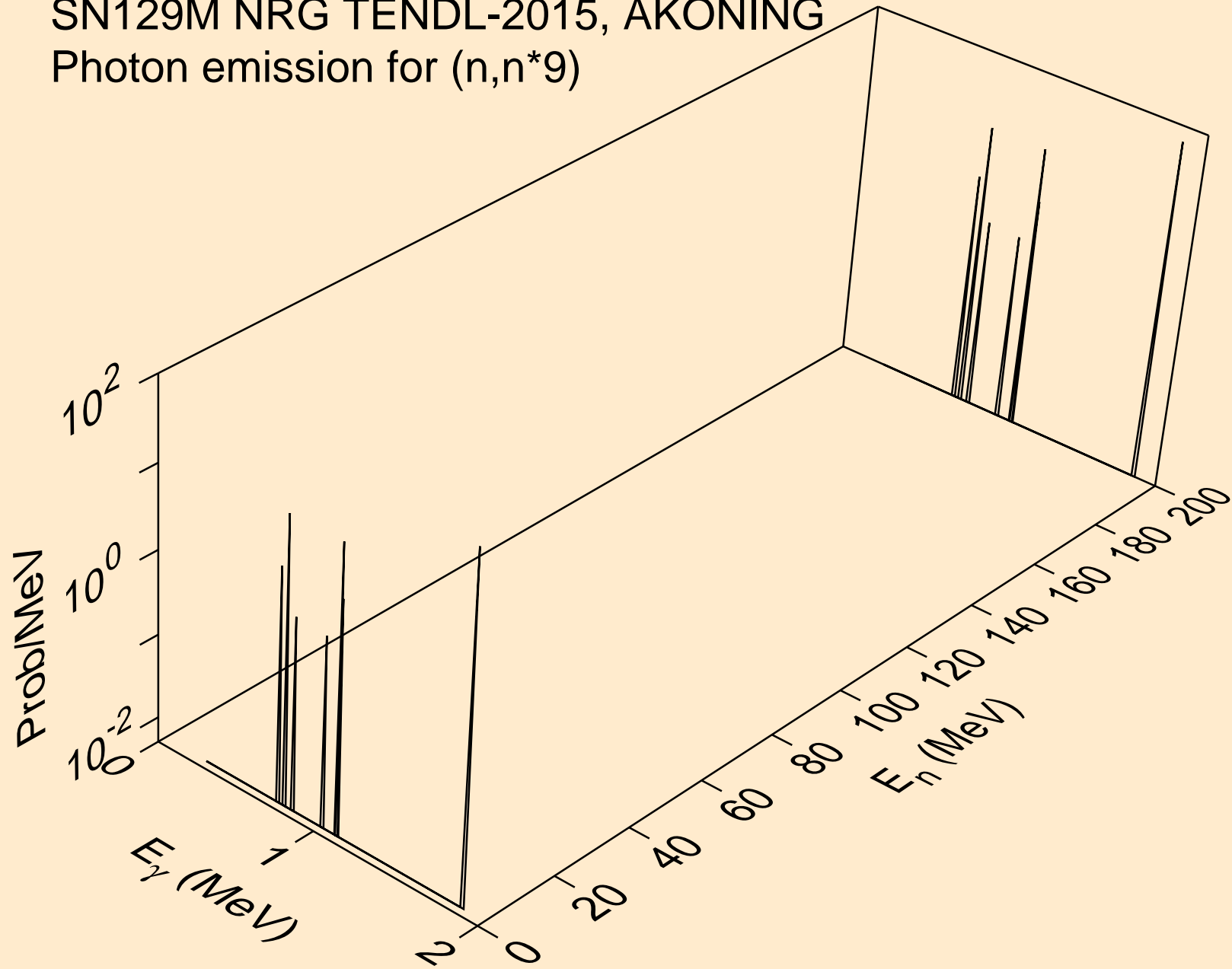
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



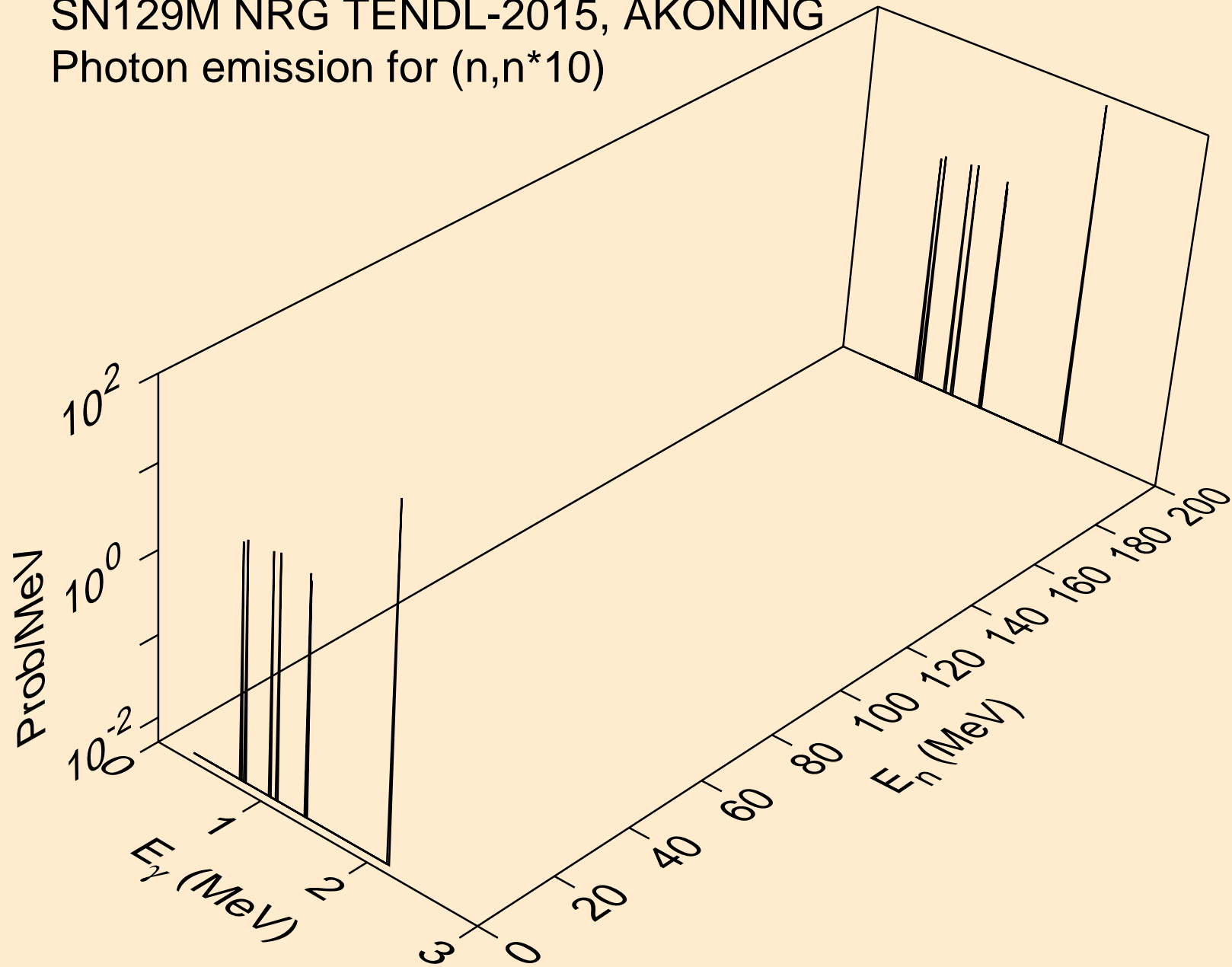
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Photon emission for (n,n\*8)



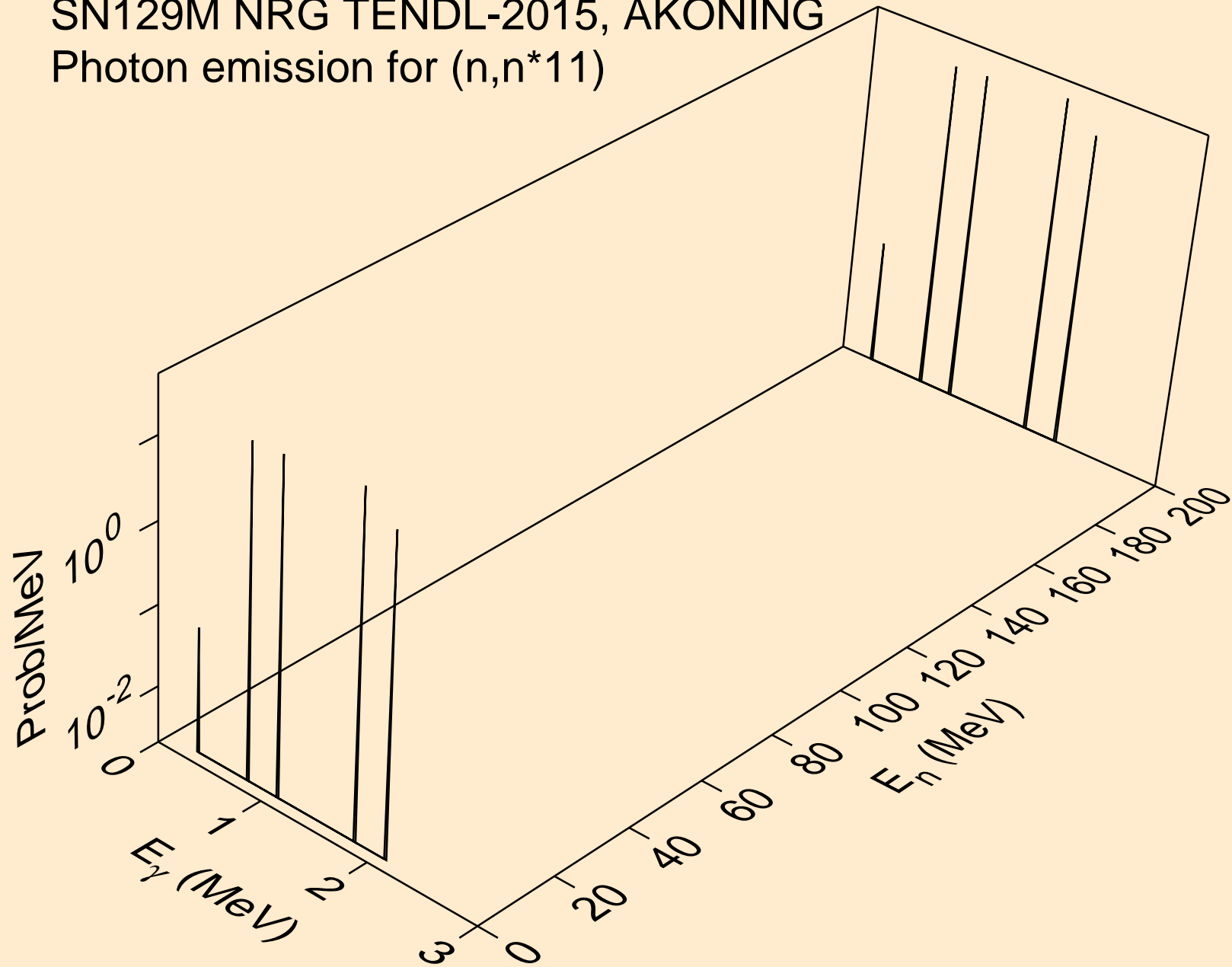
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)



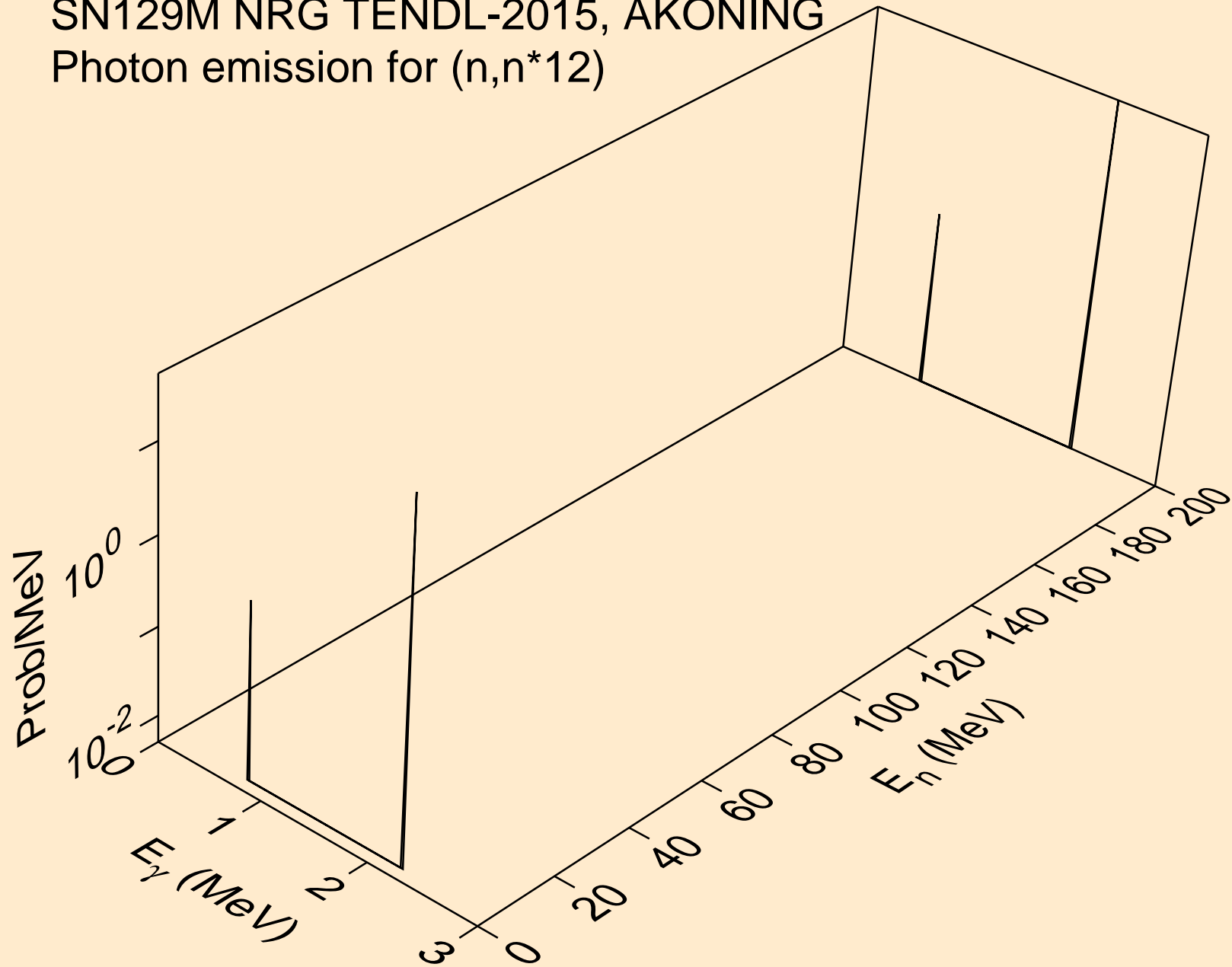
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)



SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)

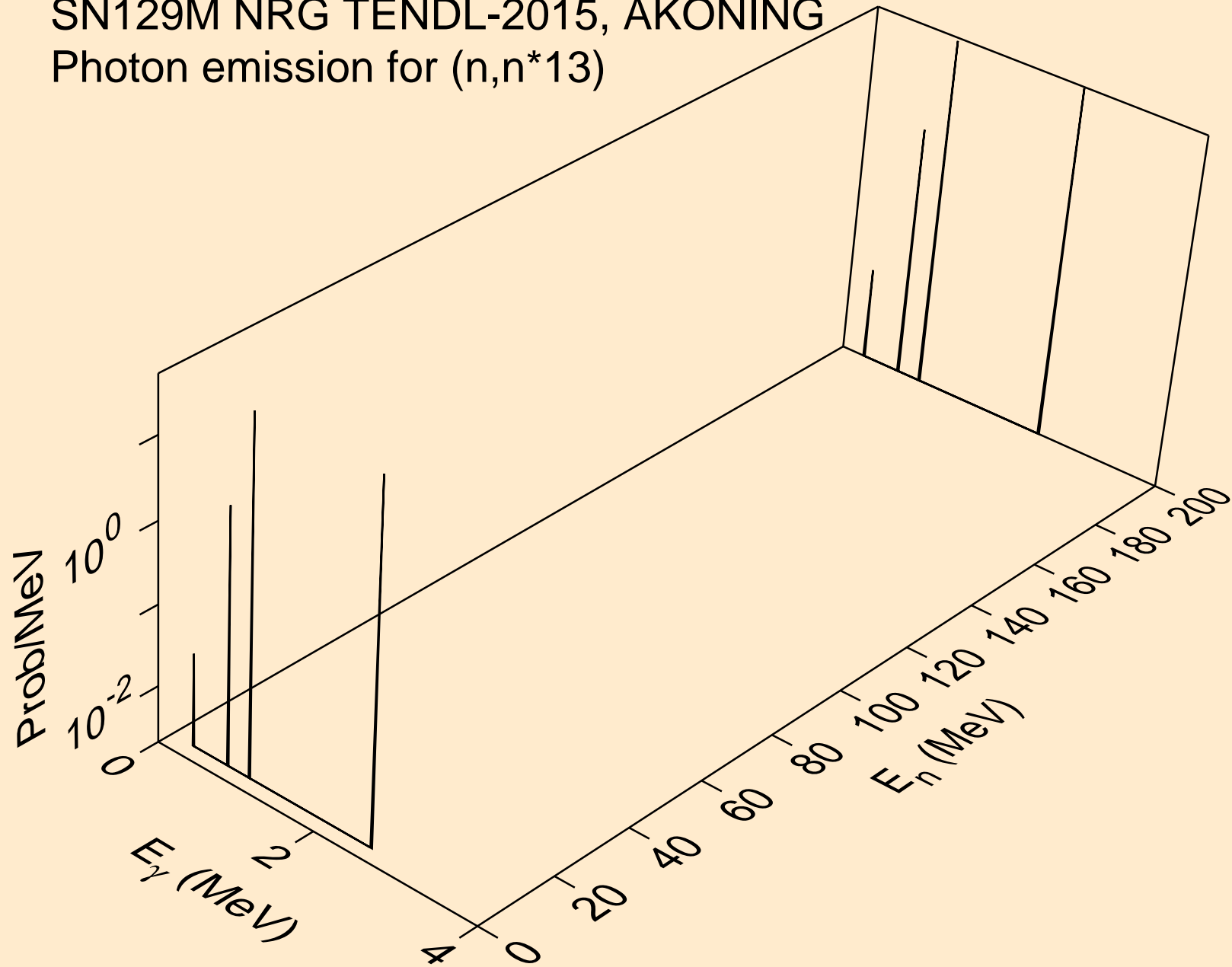


SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*12)

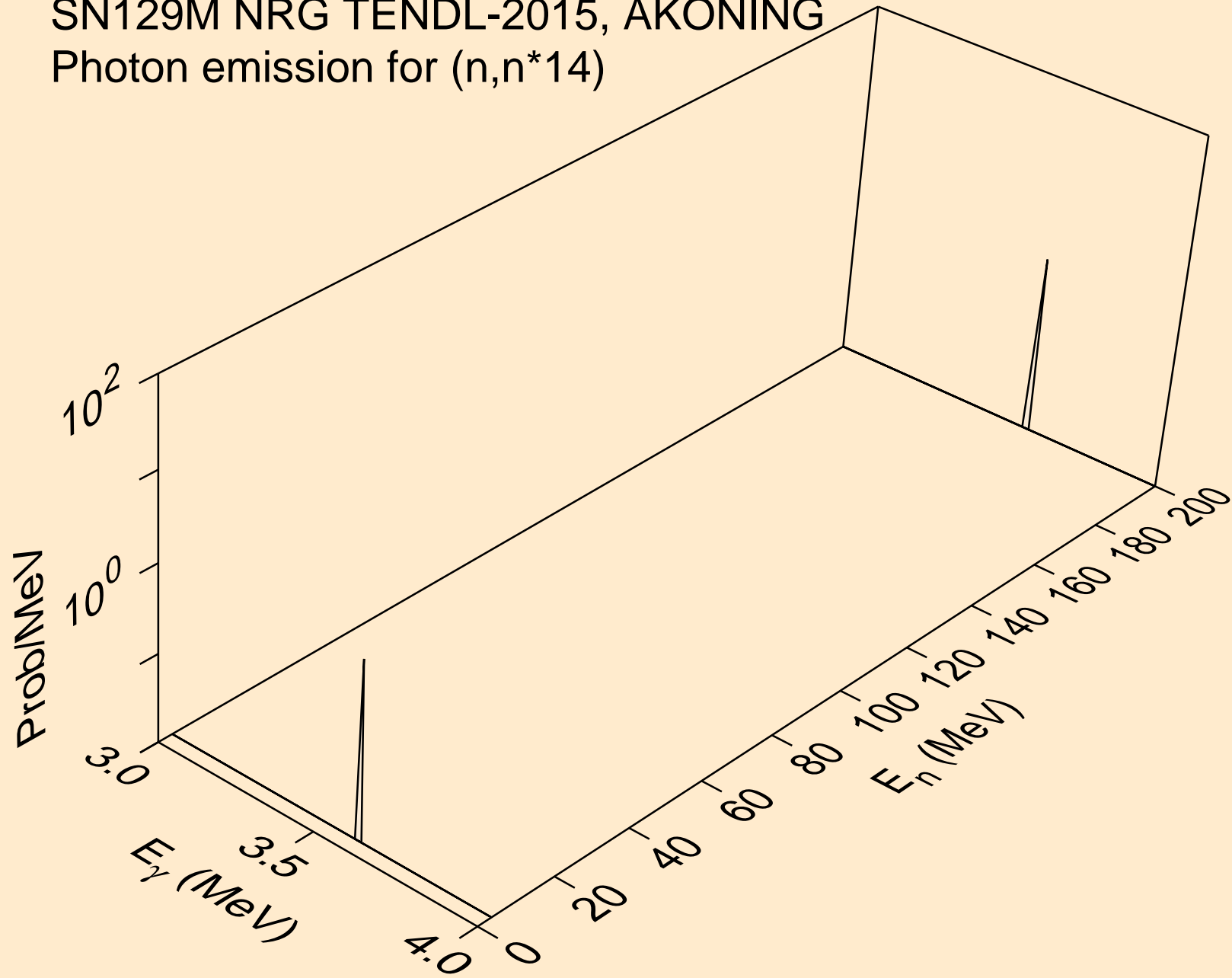




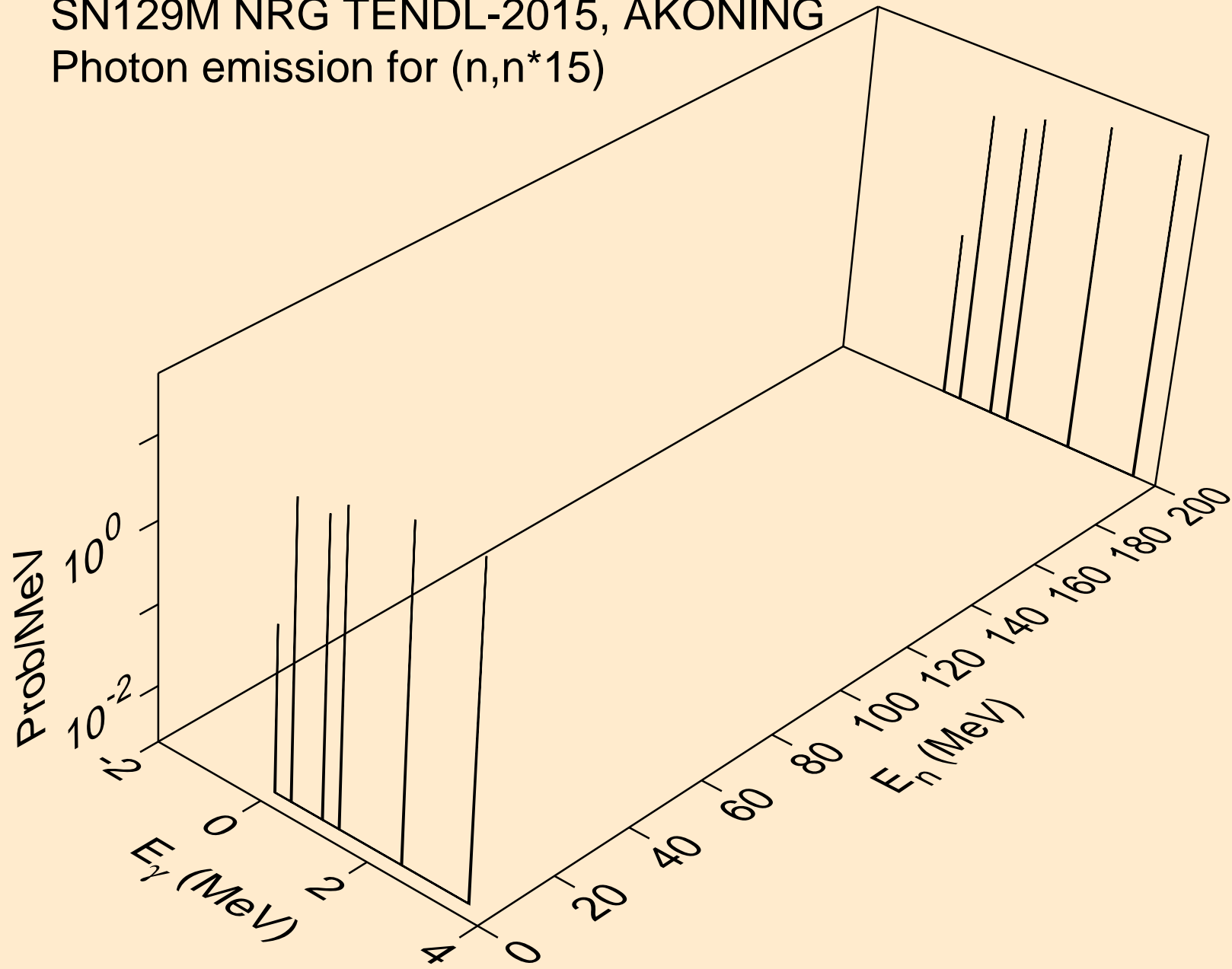
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)



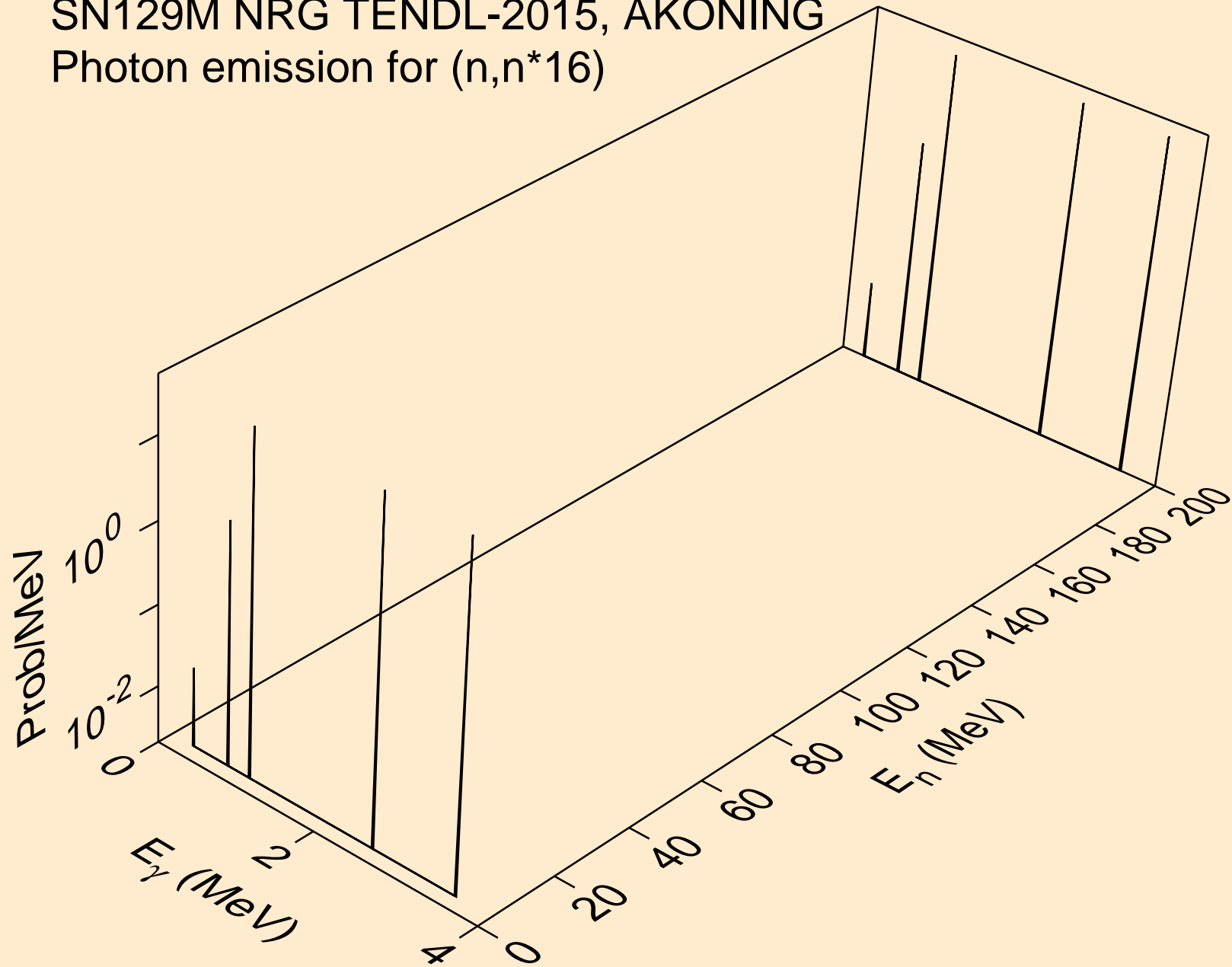
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*14)



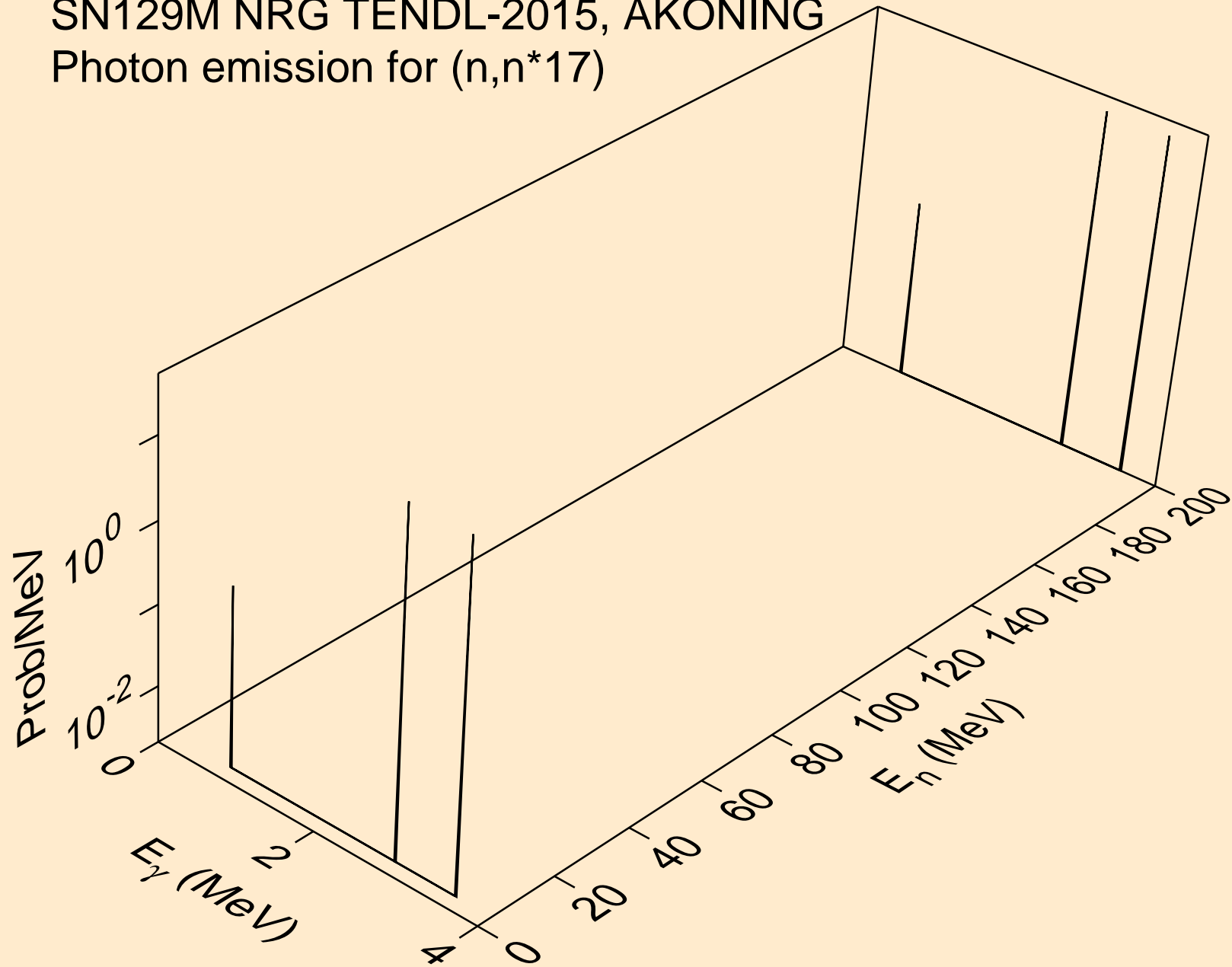
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)



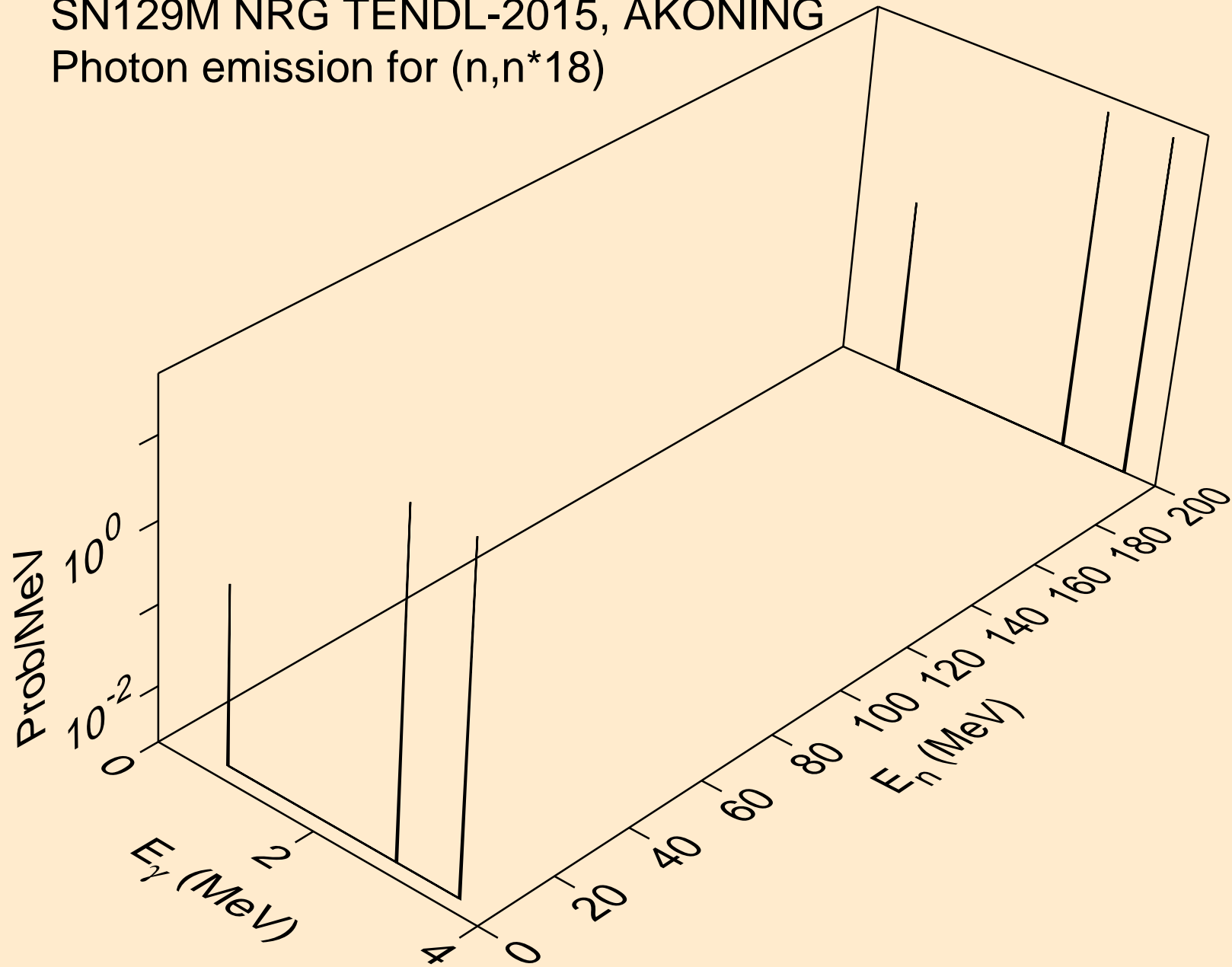
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*16)



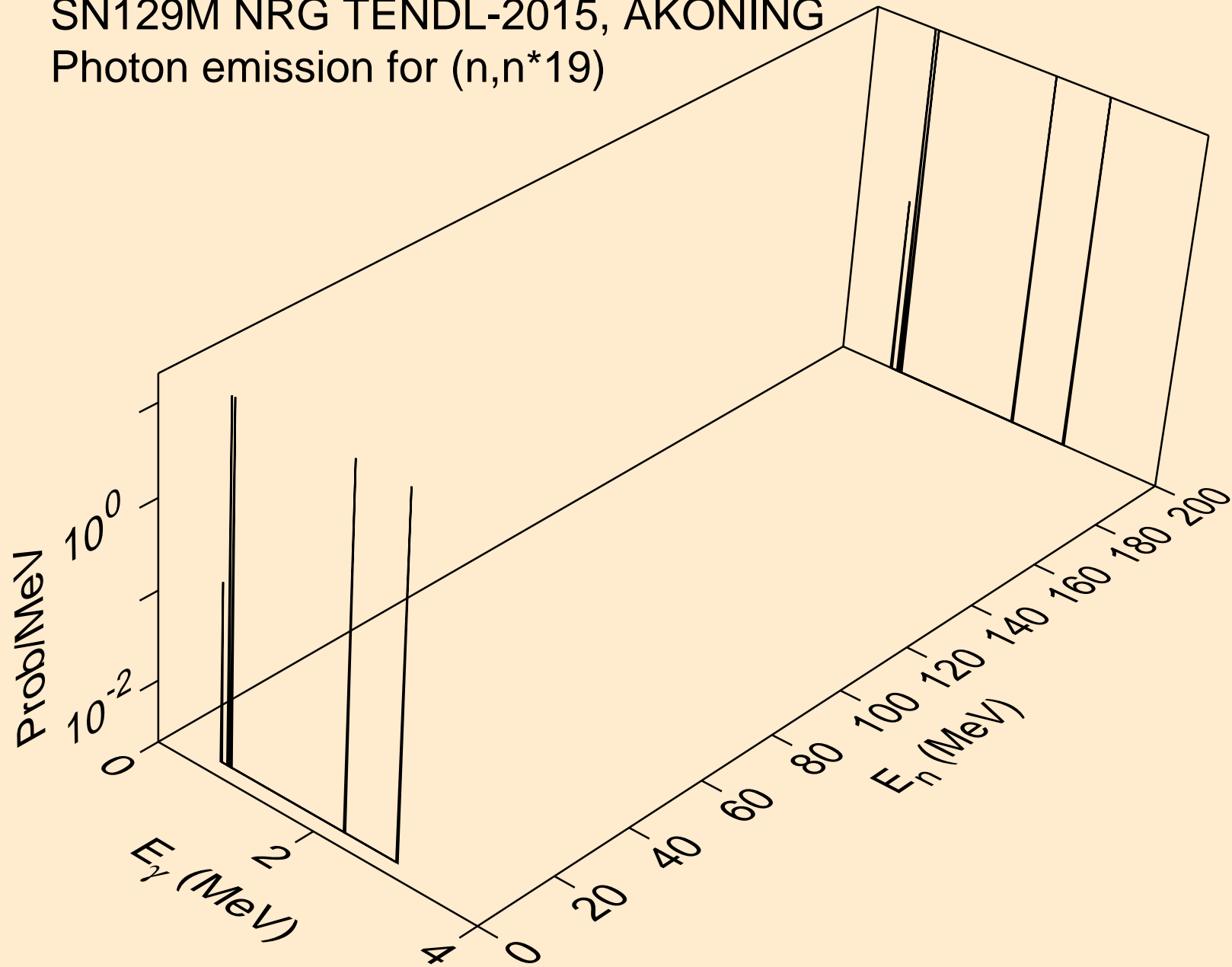
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Photon emission for (n,n\*17)



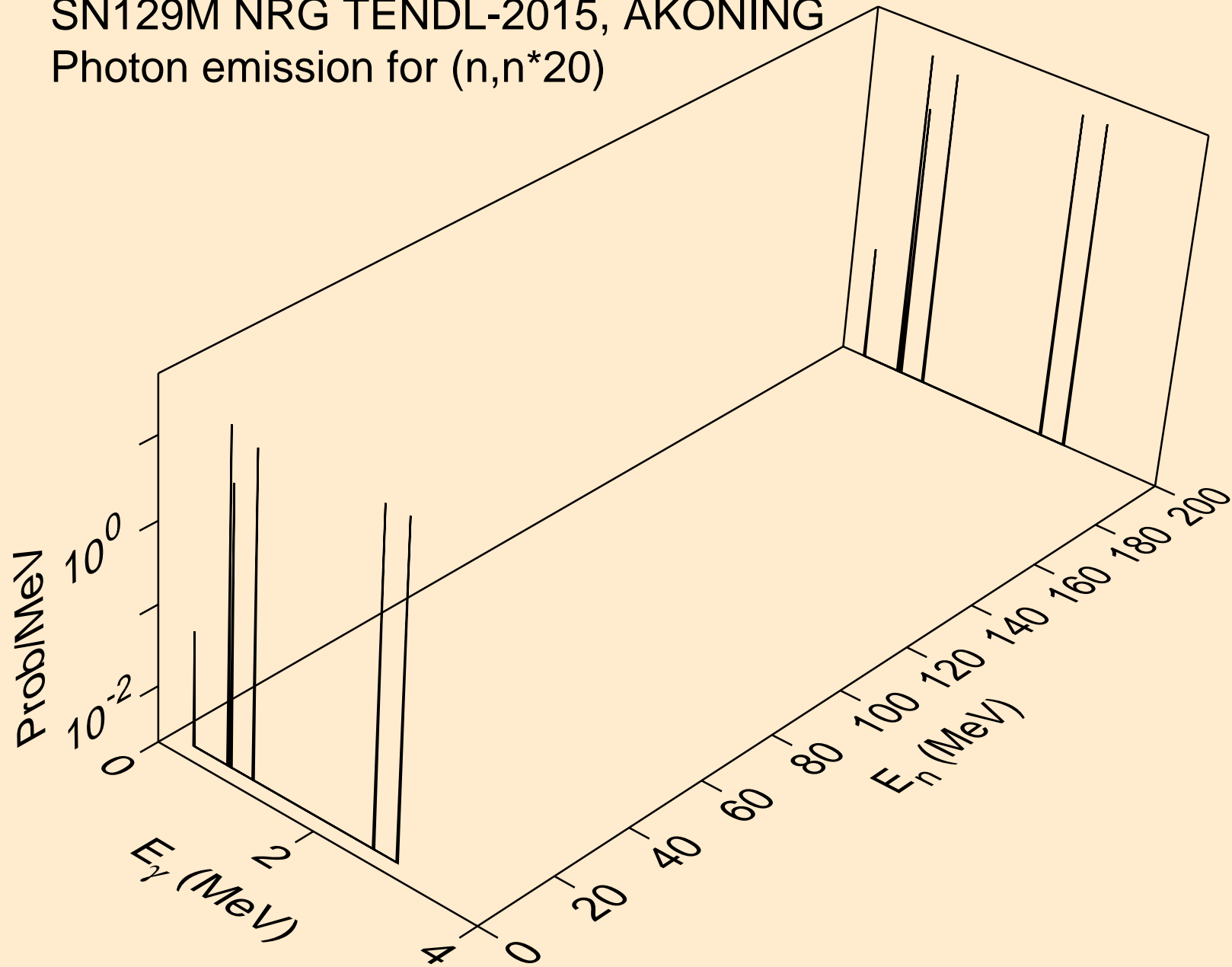
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)



SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)

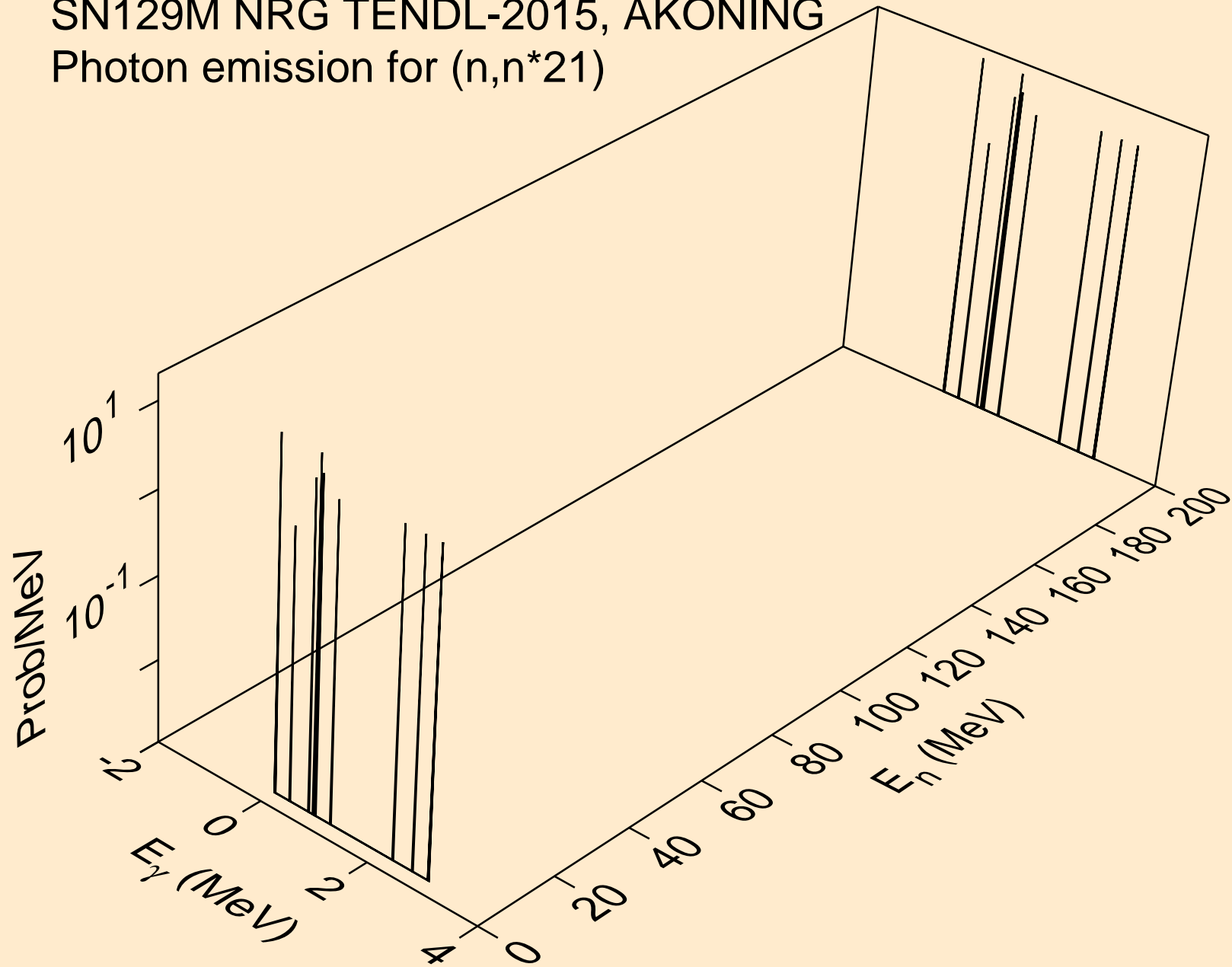


SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*20)

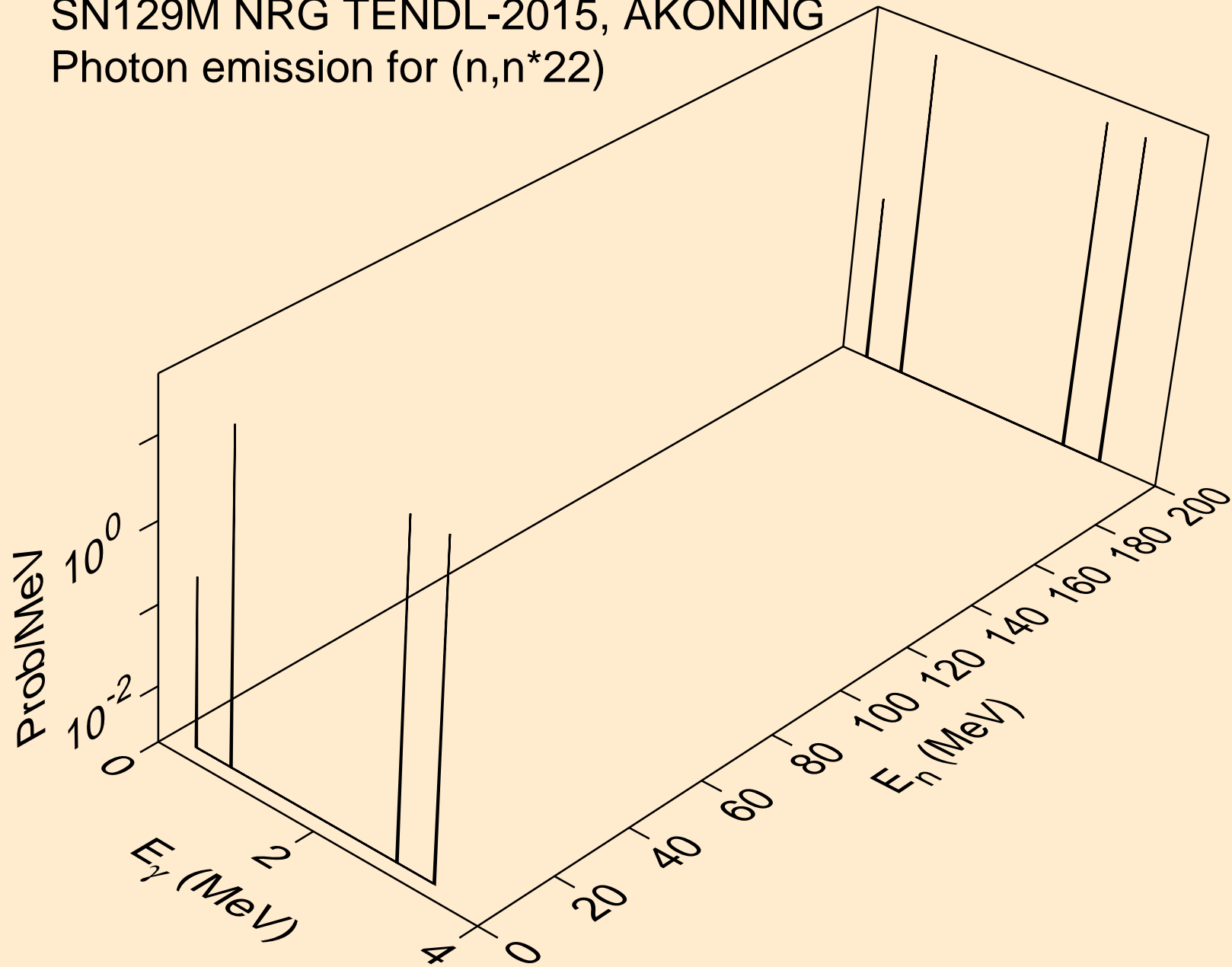




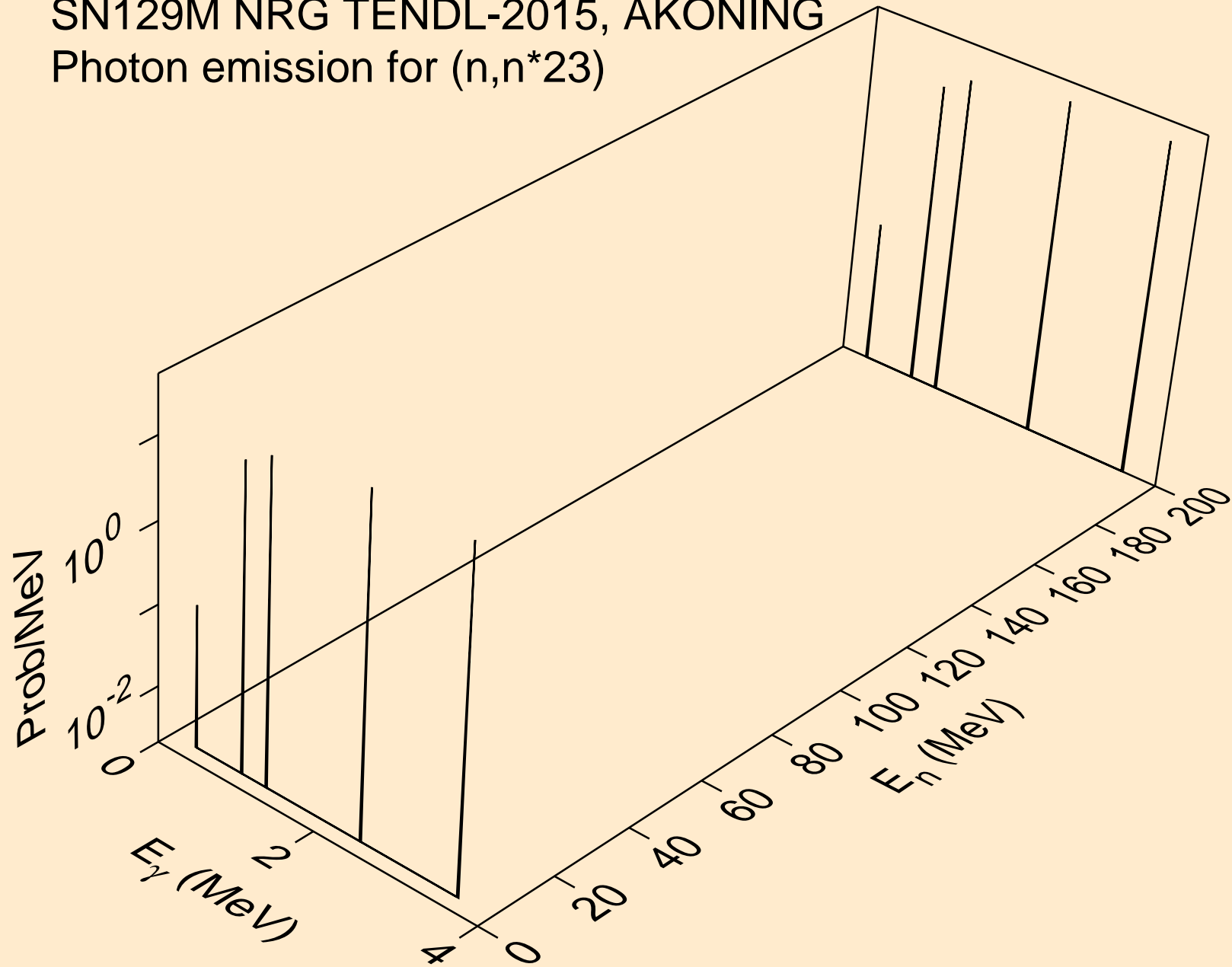
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Photon emission for (n,n\*21)



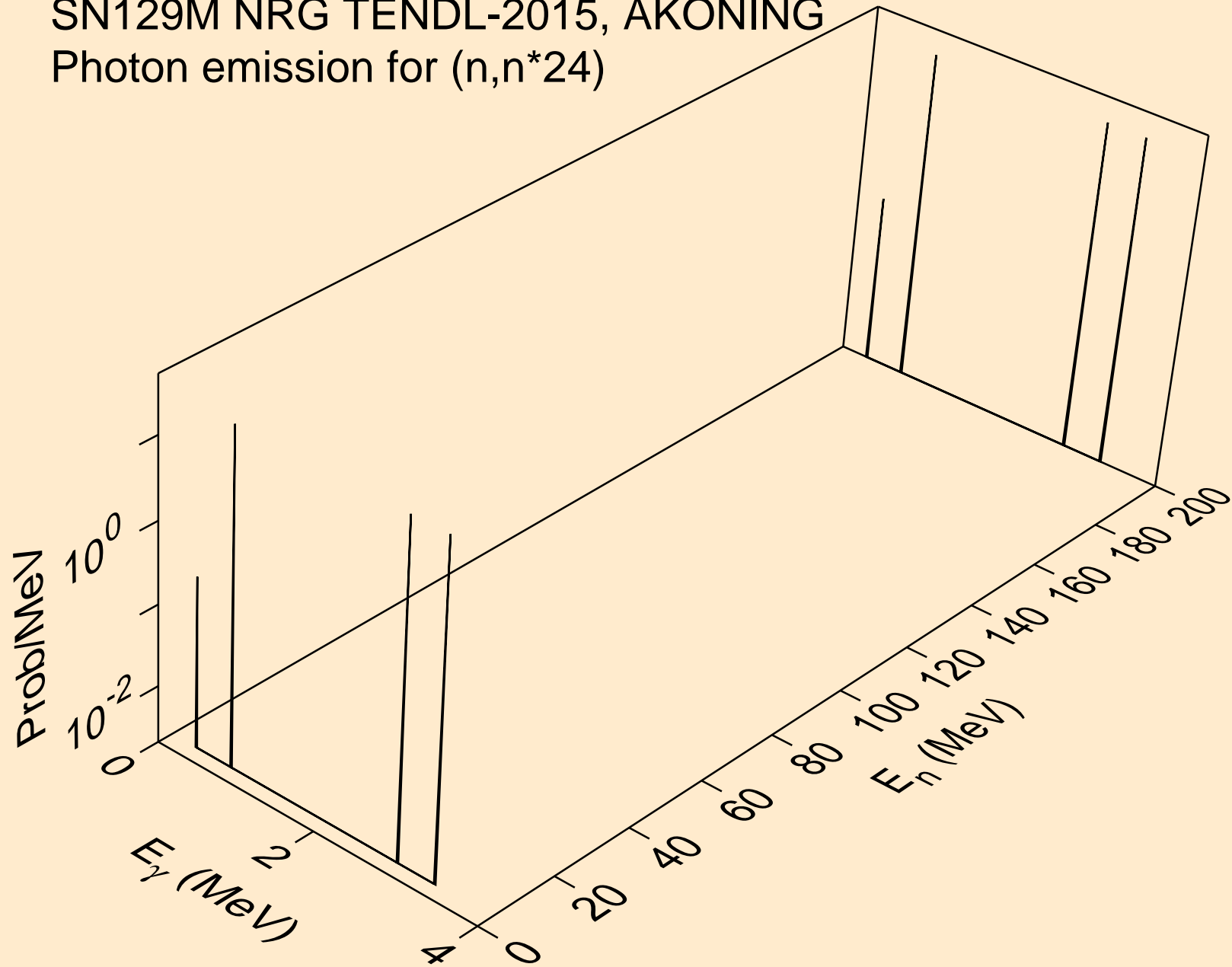
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Photon emission for (n,n\*22)



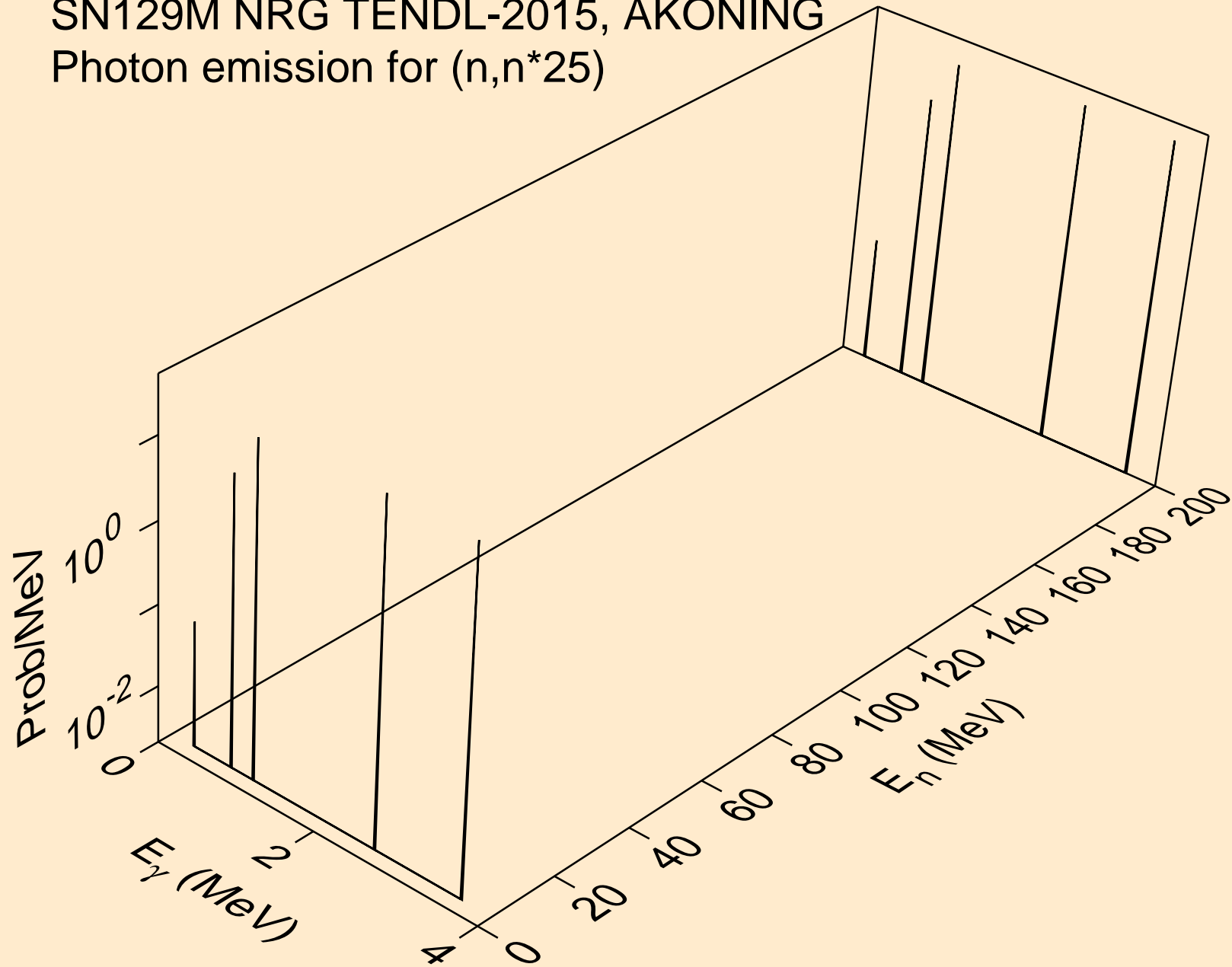
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*23)



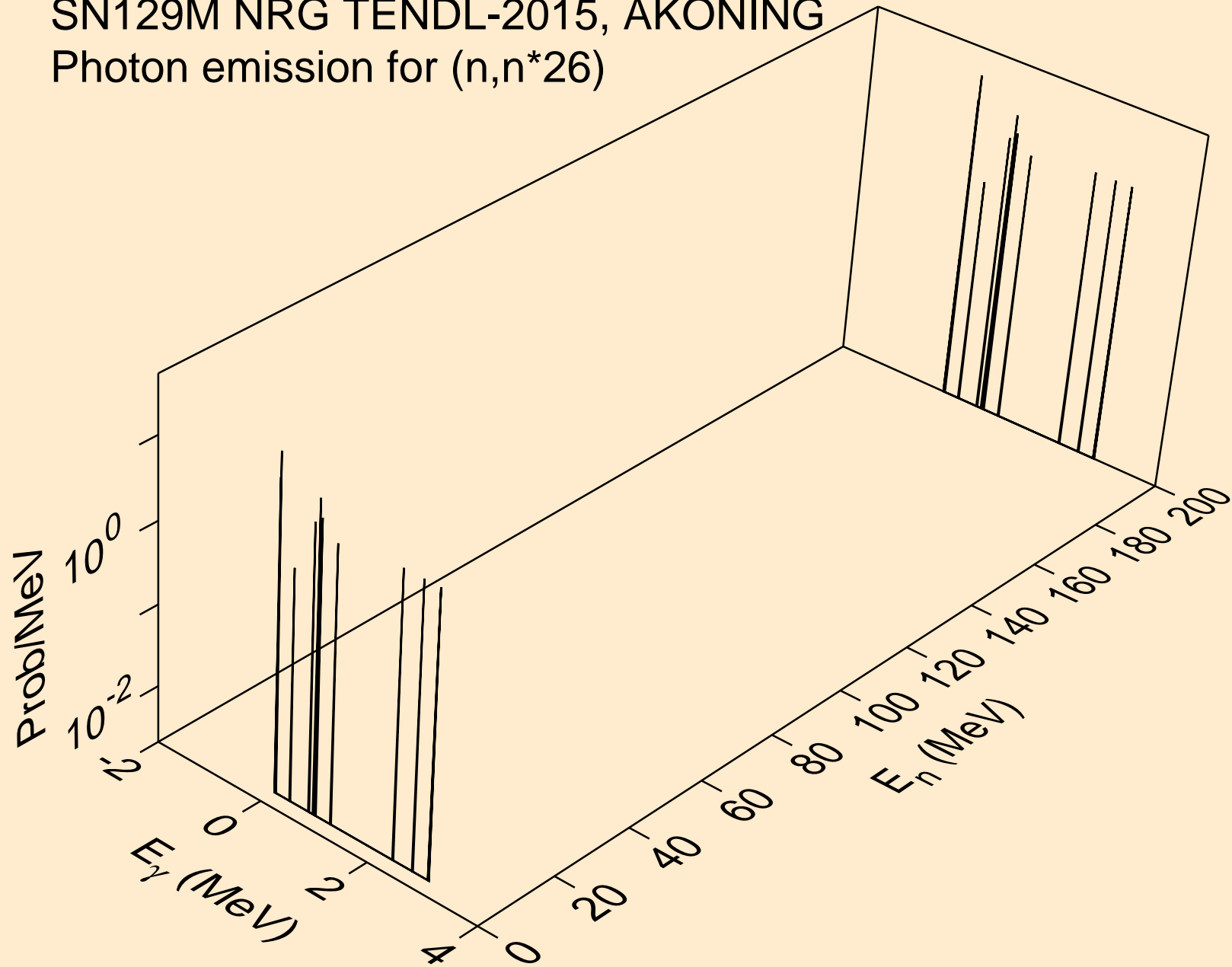
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*24)



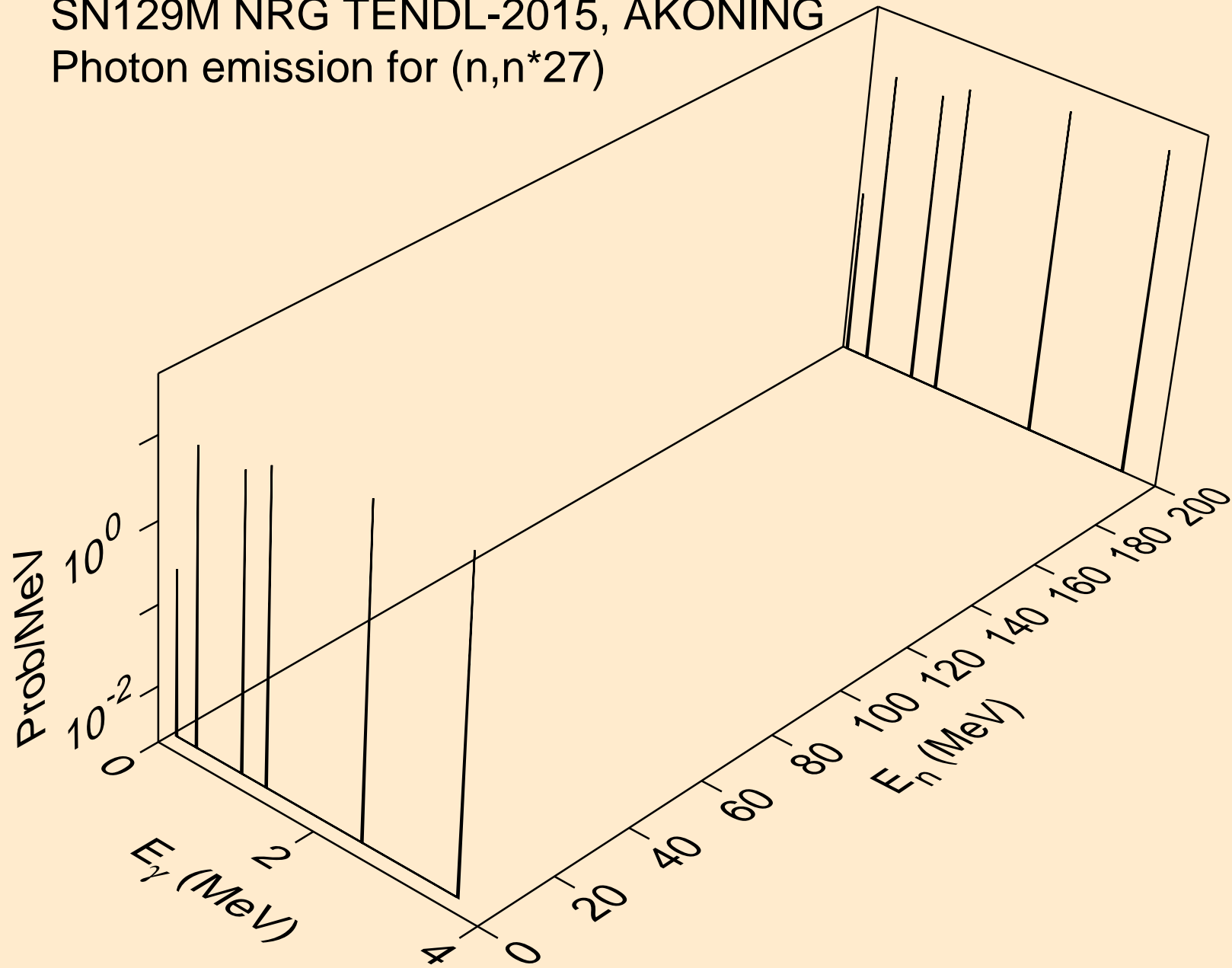
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)



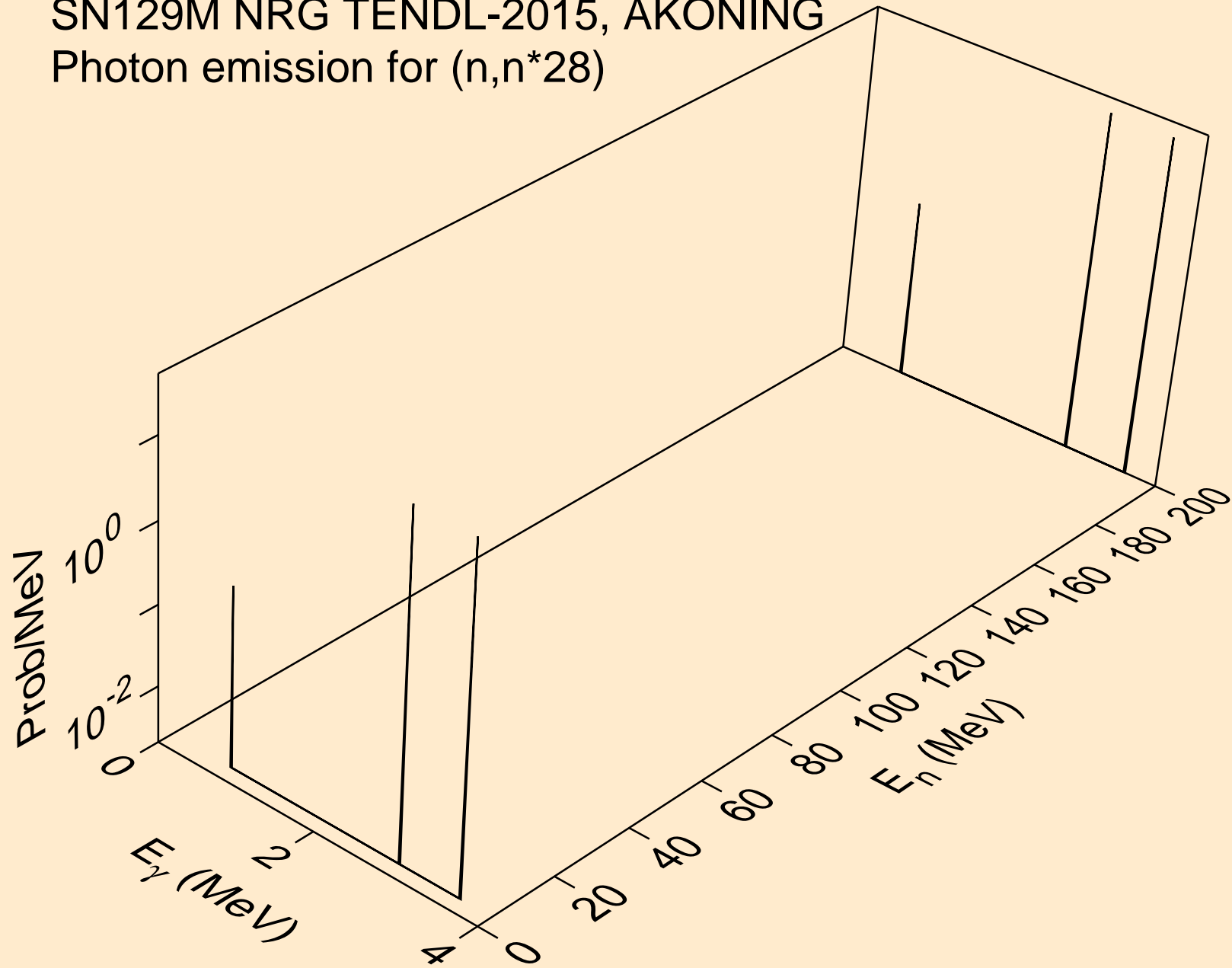
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)



SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*27)

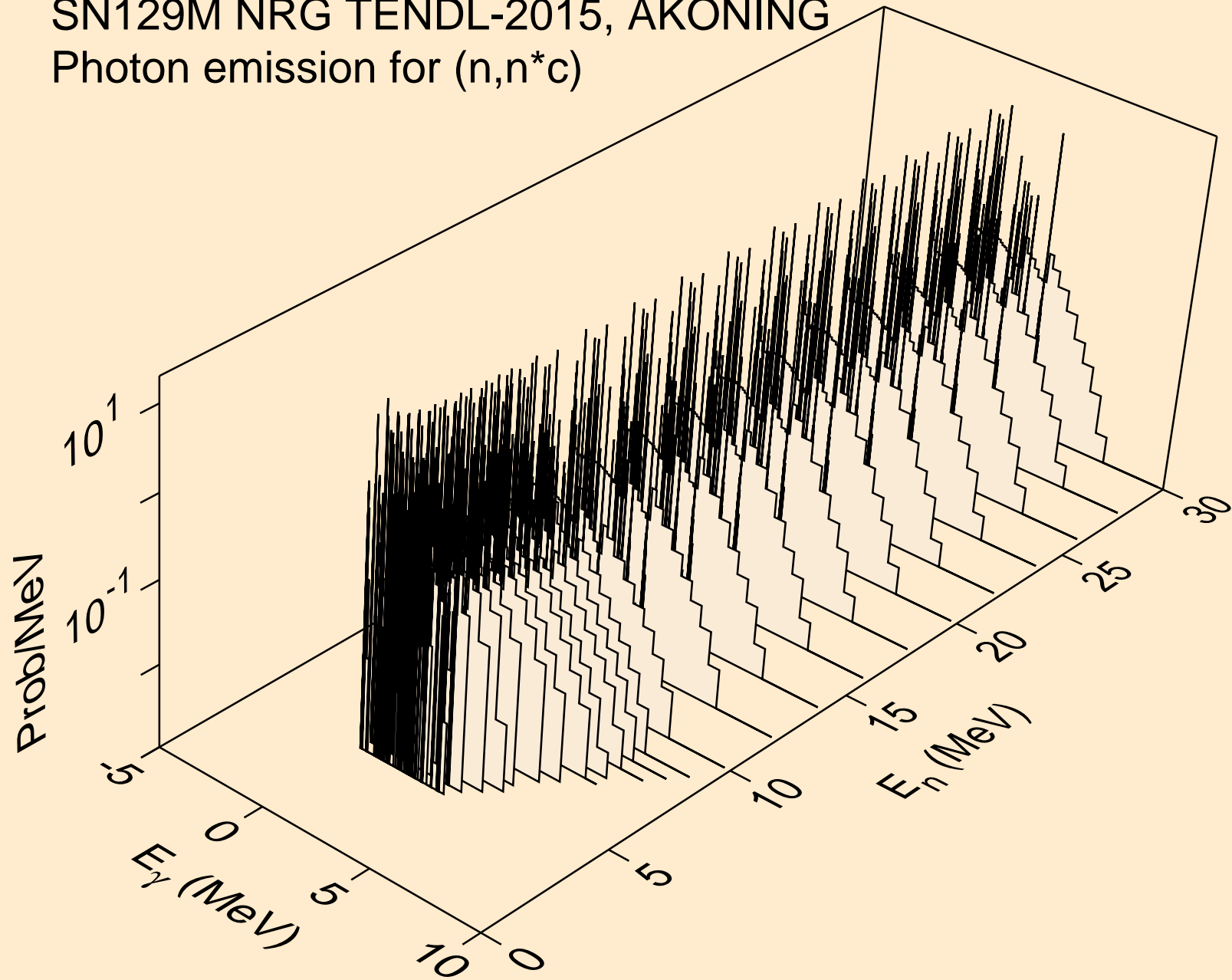


SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*28)

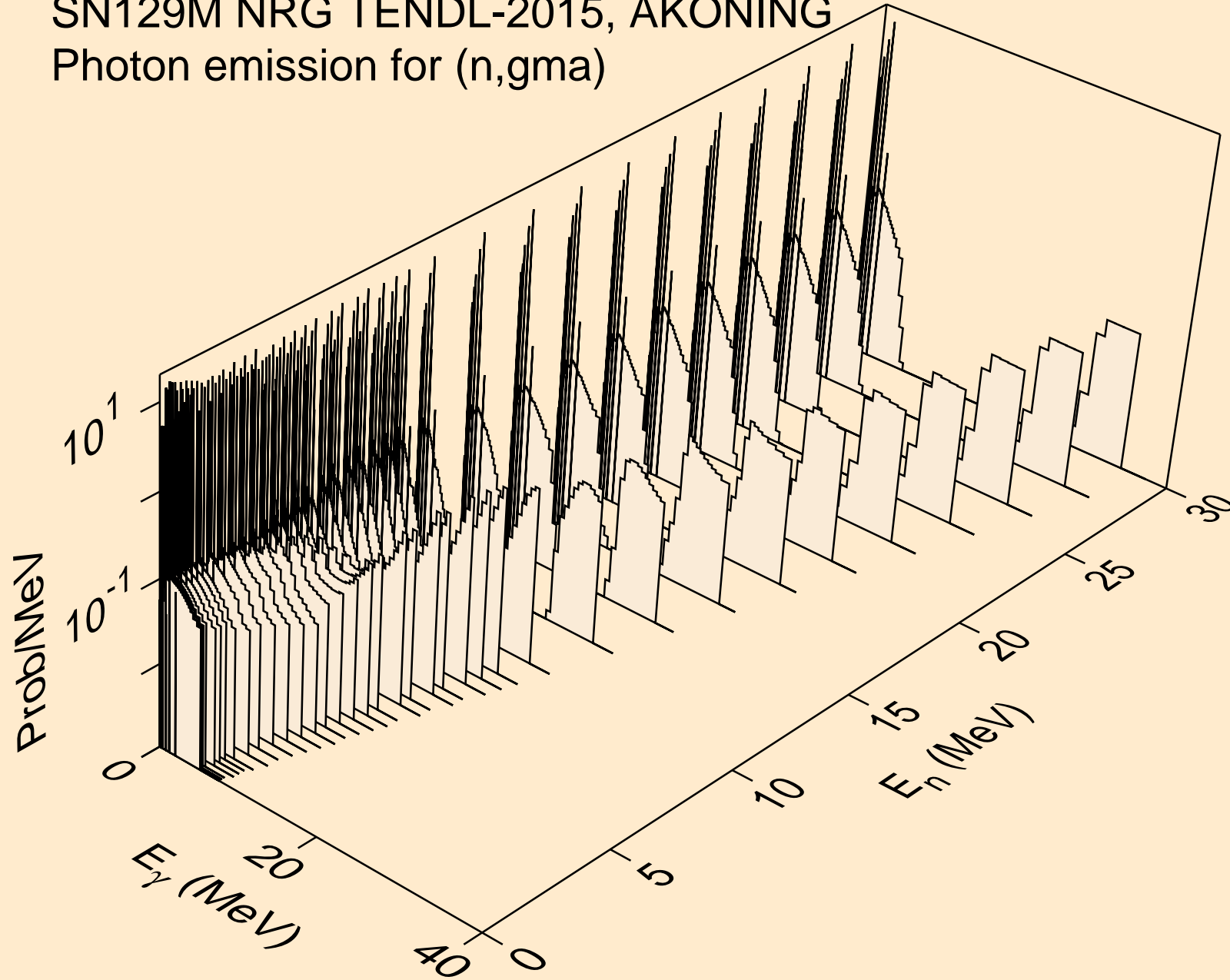




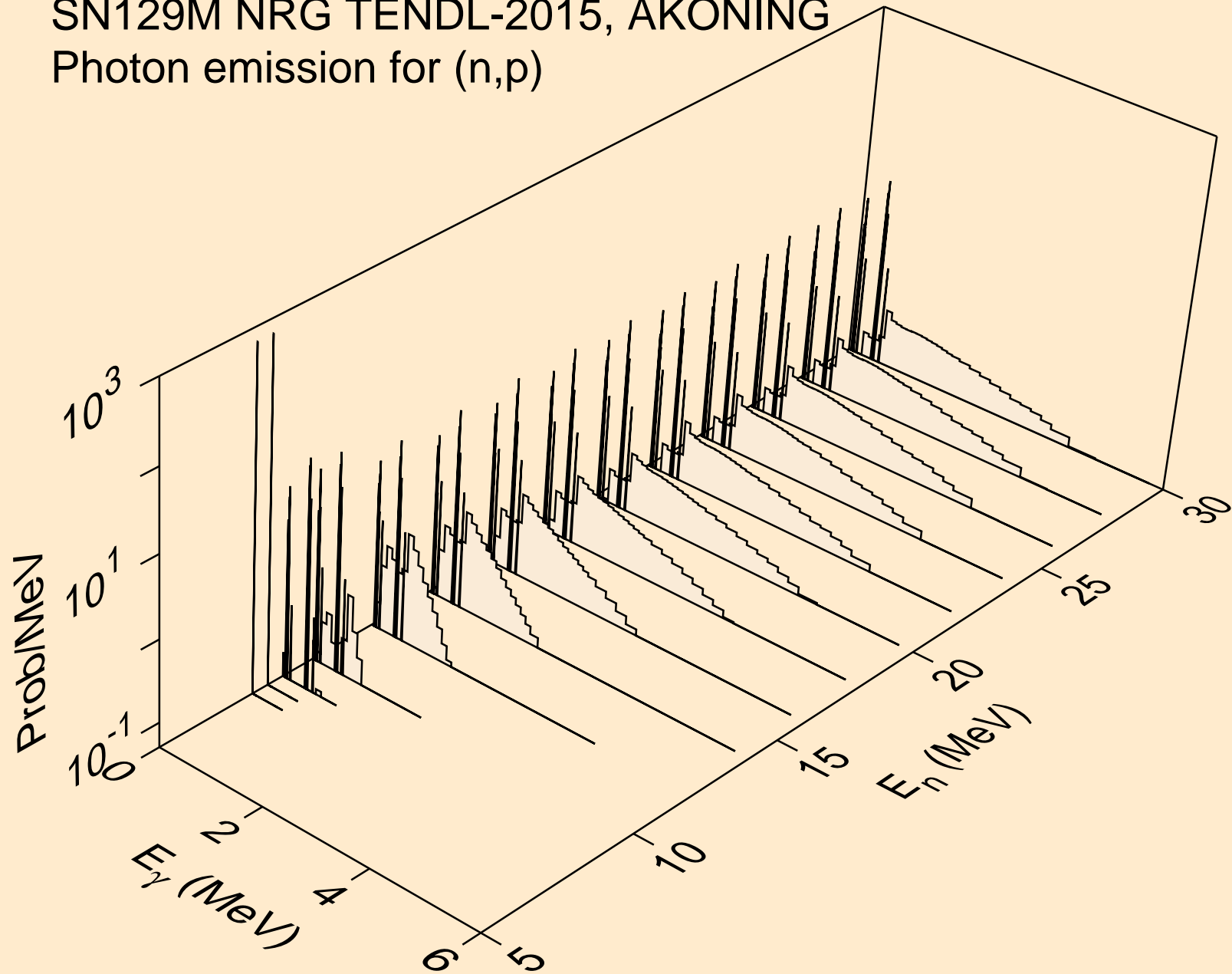
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



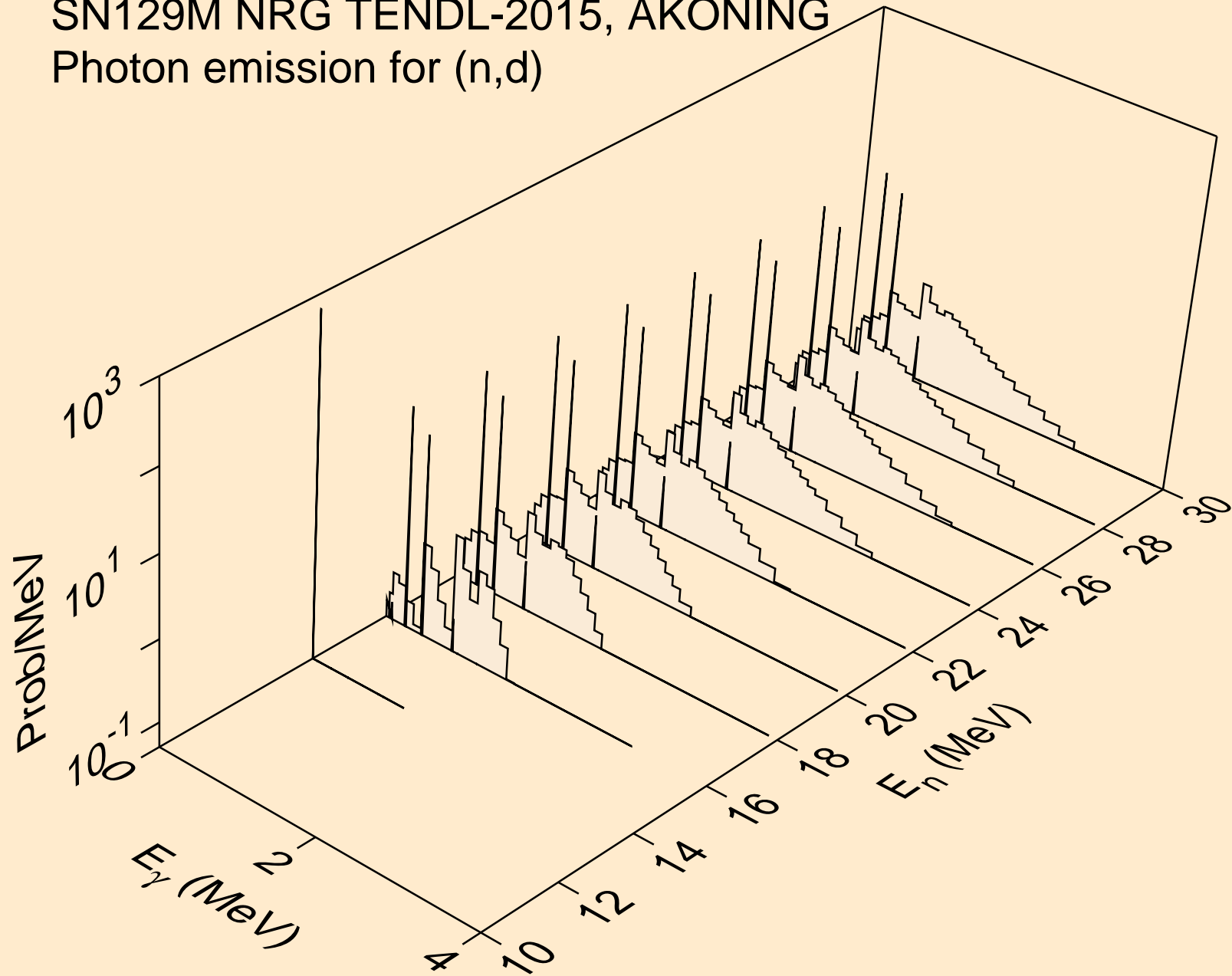
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Photon emission for (n,gma)



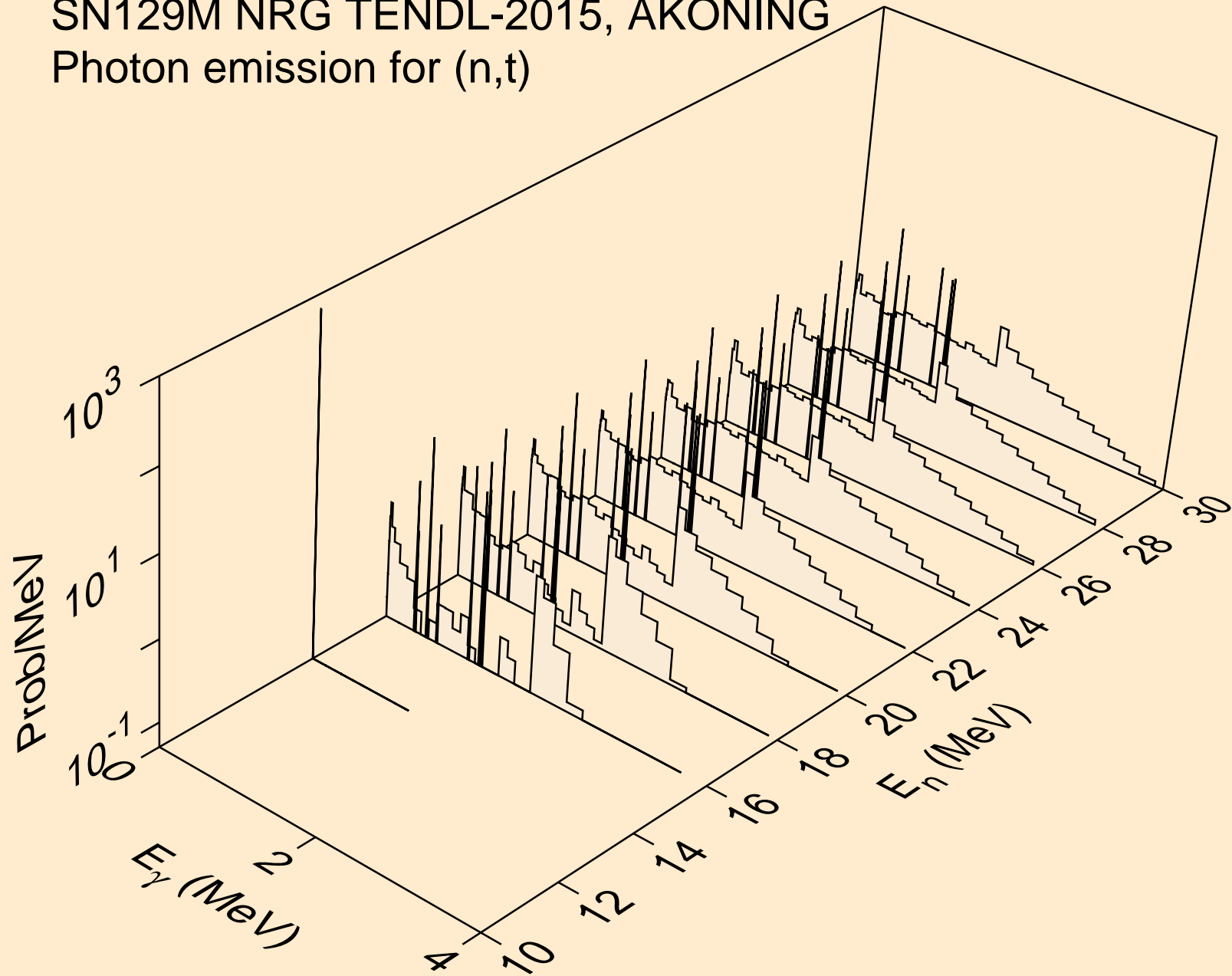
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



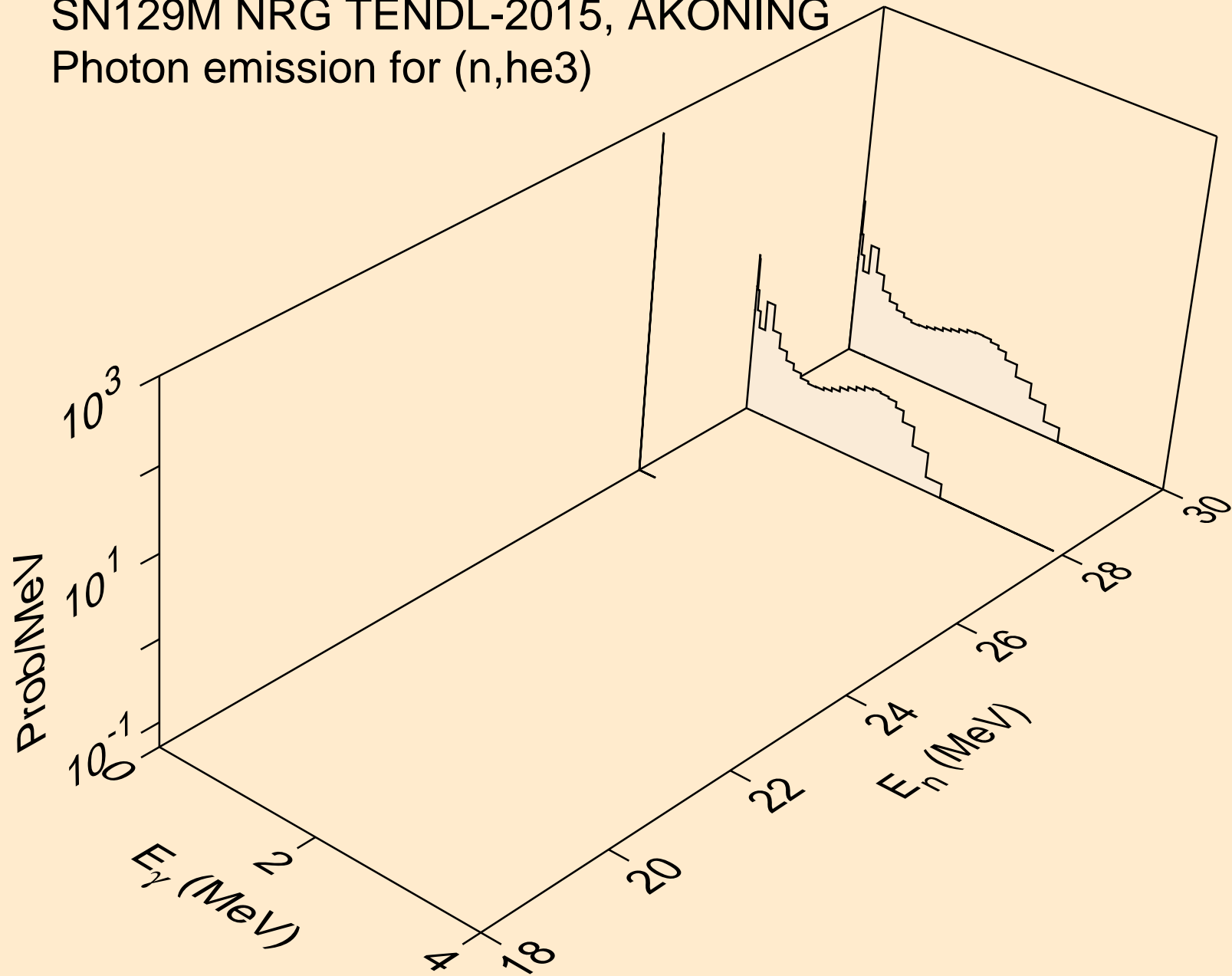
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



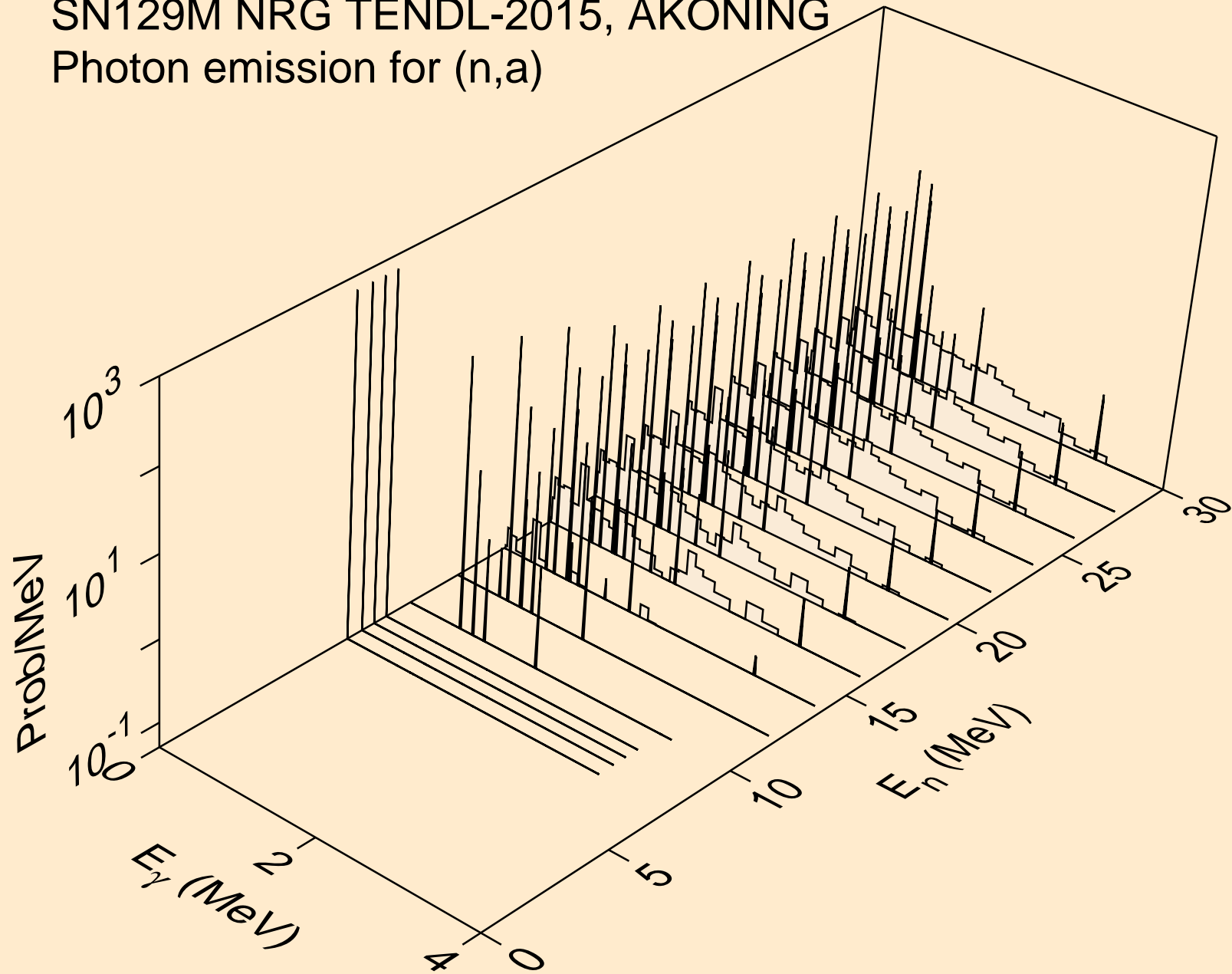
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,t)



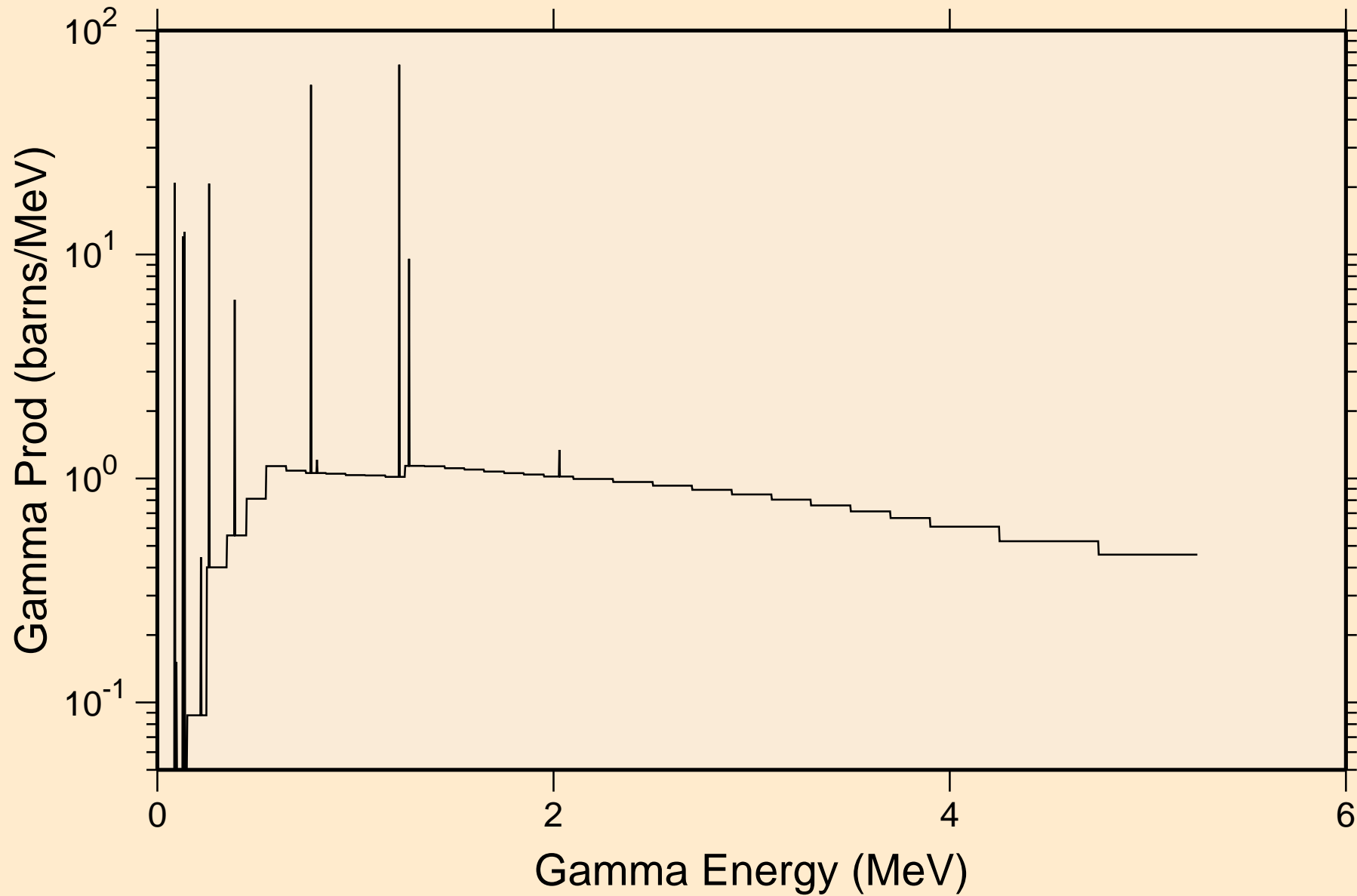
SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



SN129M NRG TENDL-2015, AKONING  
Photon emission for (n,a)

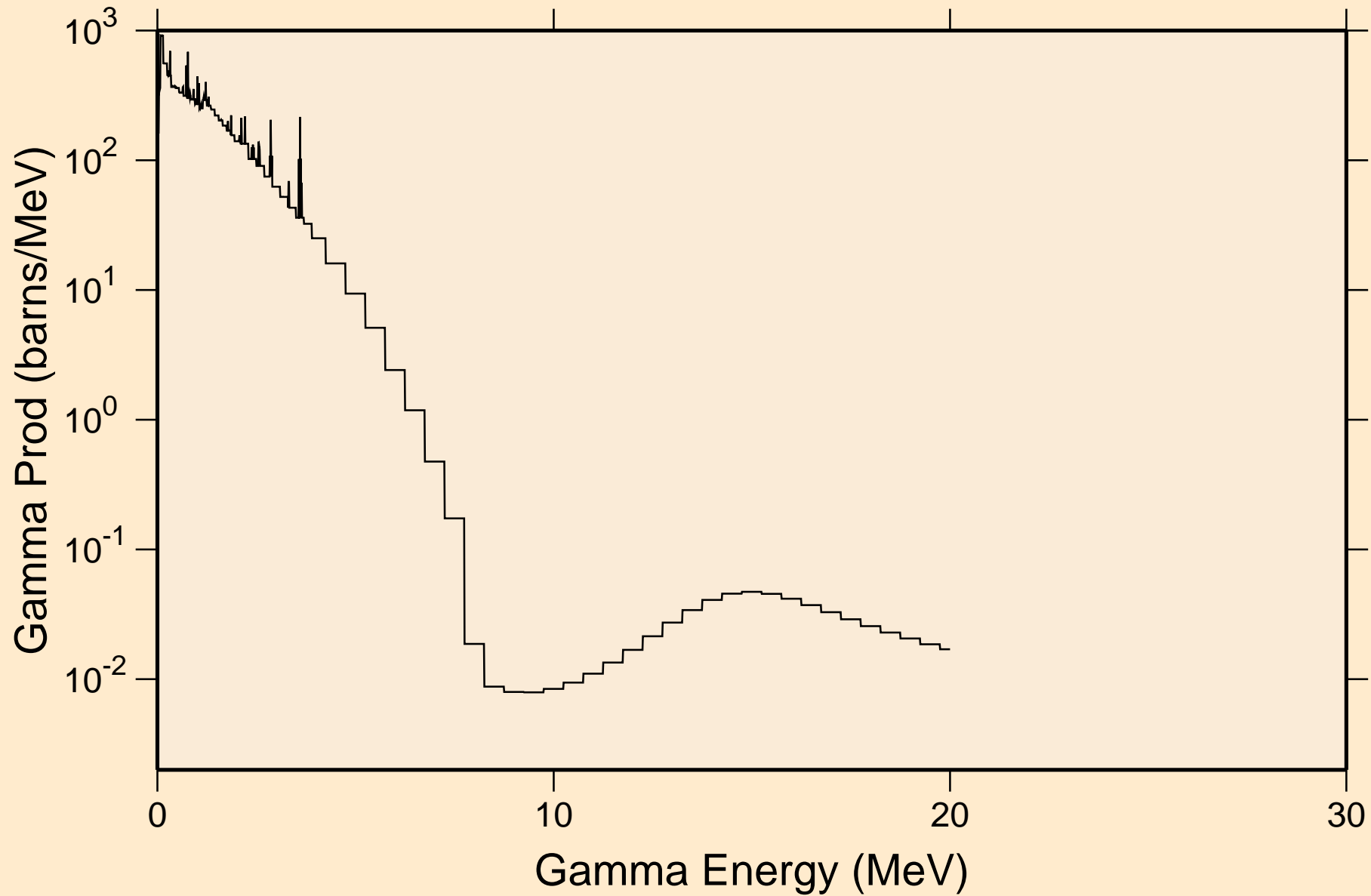


SN129M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



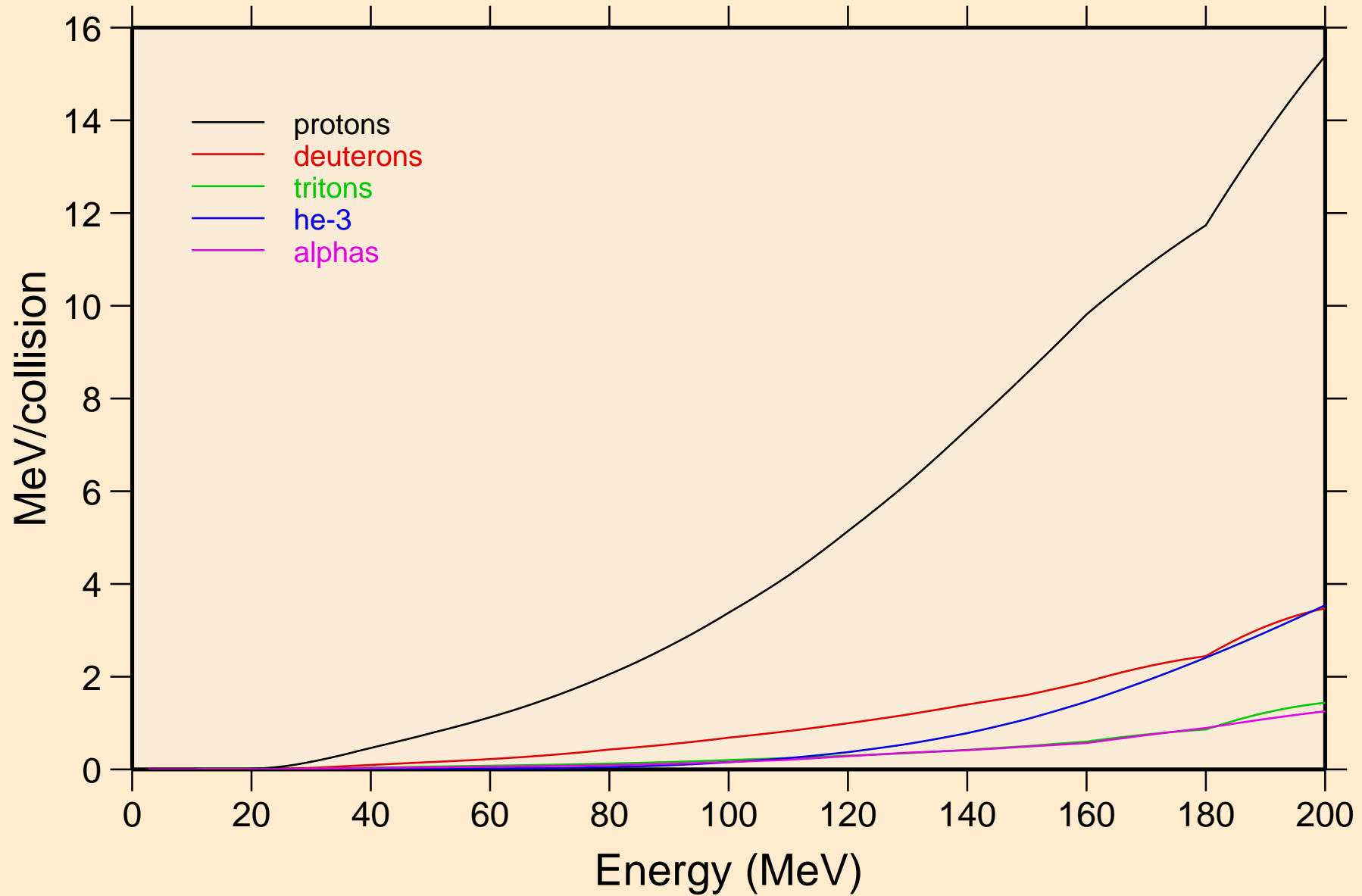


SN129M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



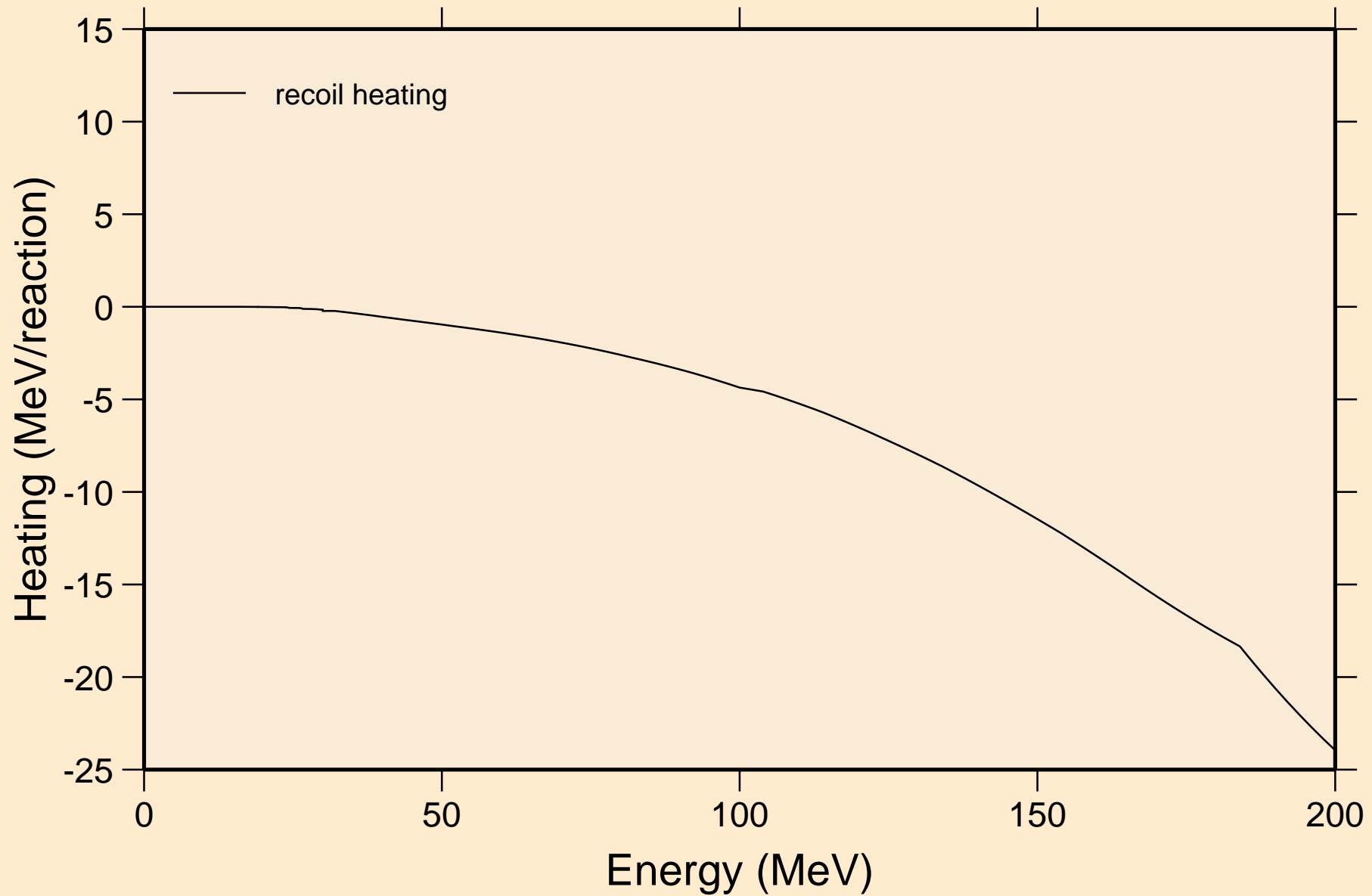
# SN129M NRG TENDL-2015, AKONING

## Particle heating contributions



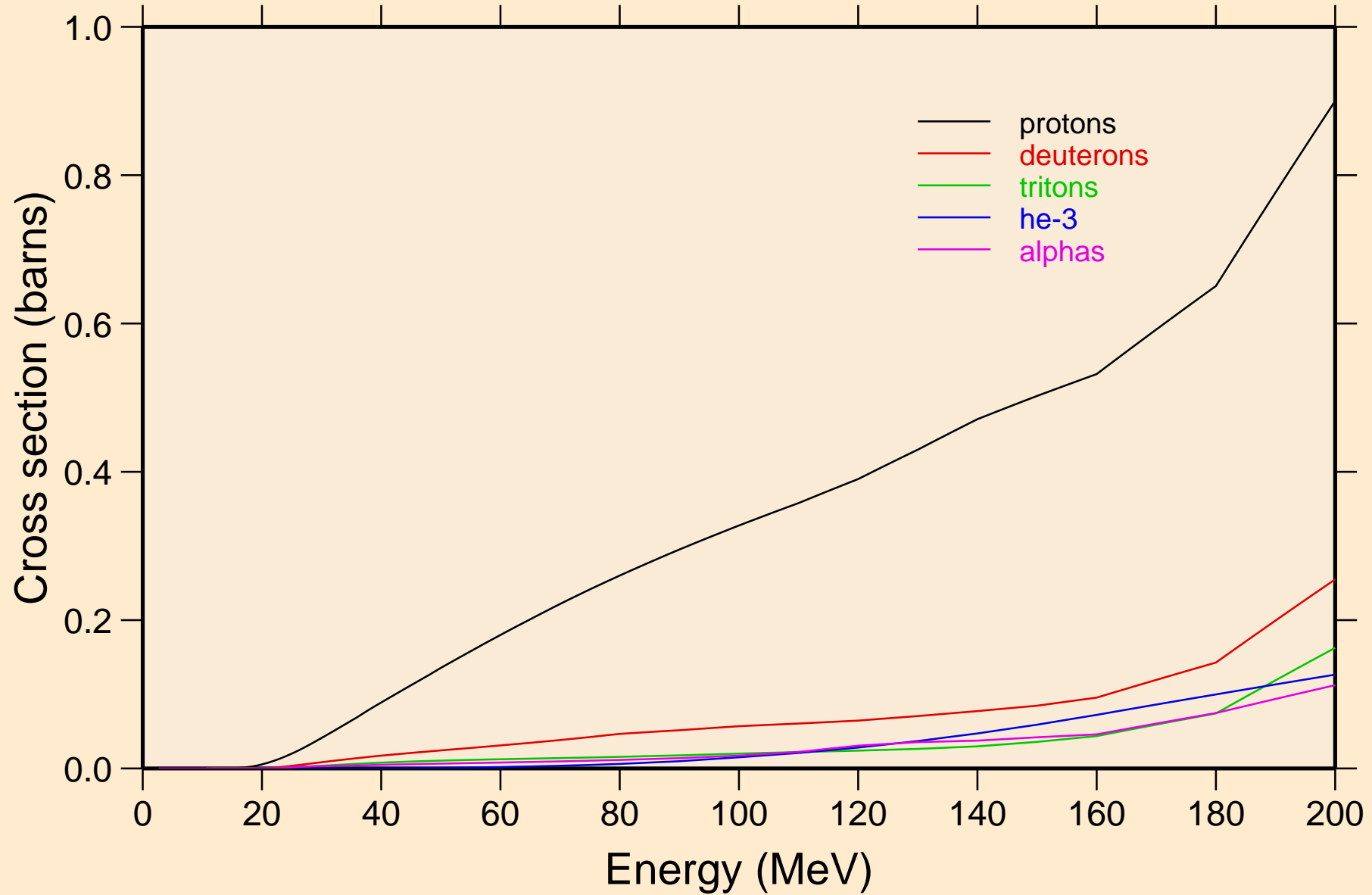
# SN129M NRG TENDL-2015, AKONING

## Recoil Heating

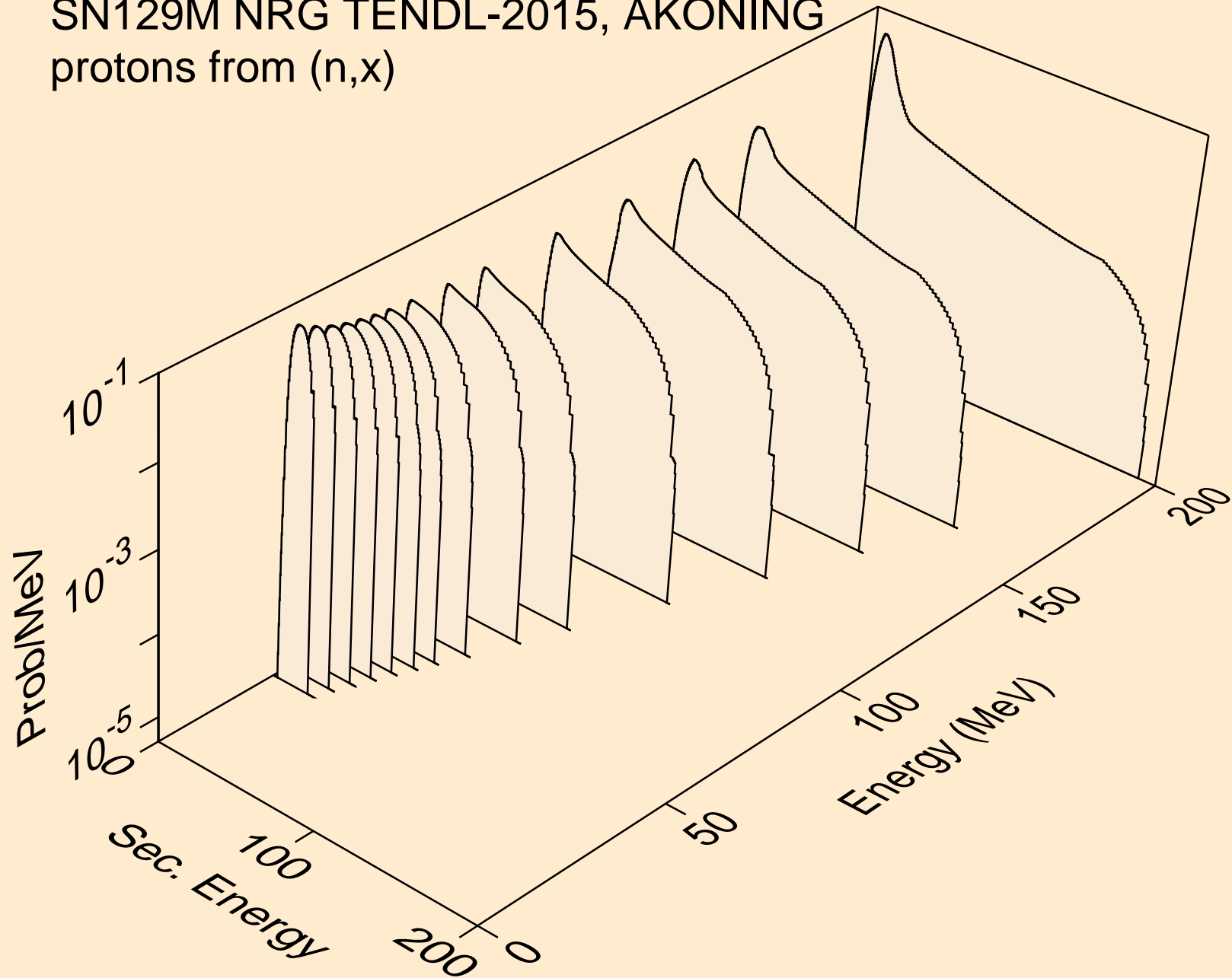


# SN129M NRG TENDL-2015, AKONING

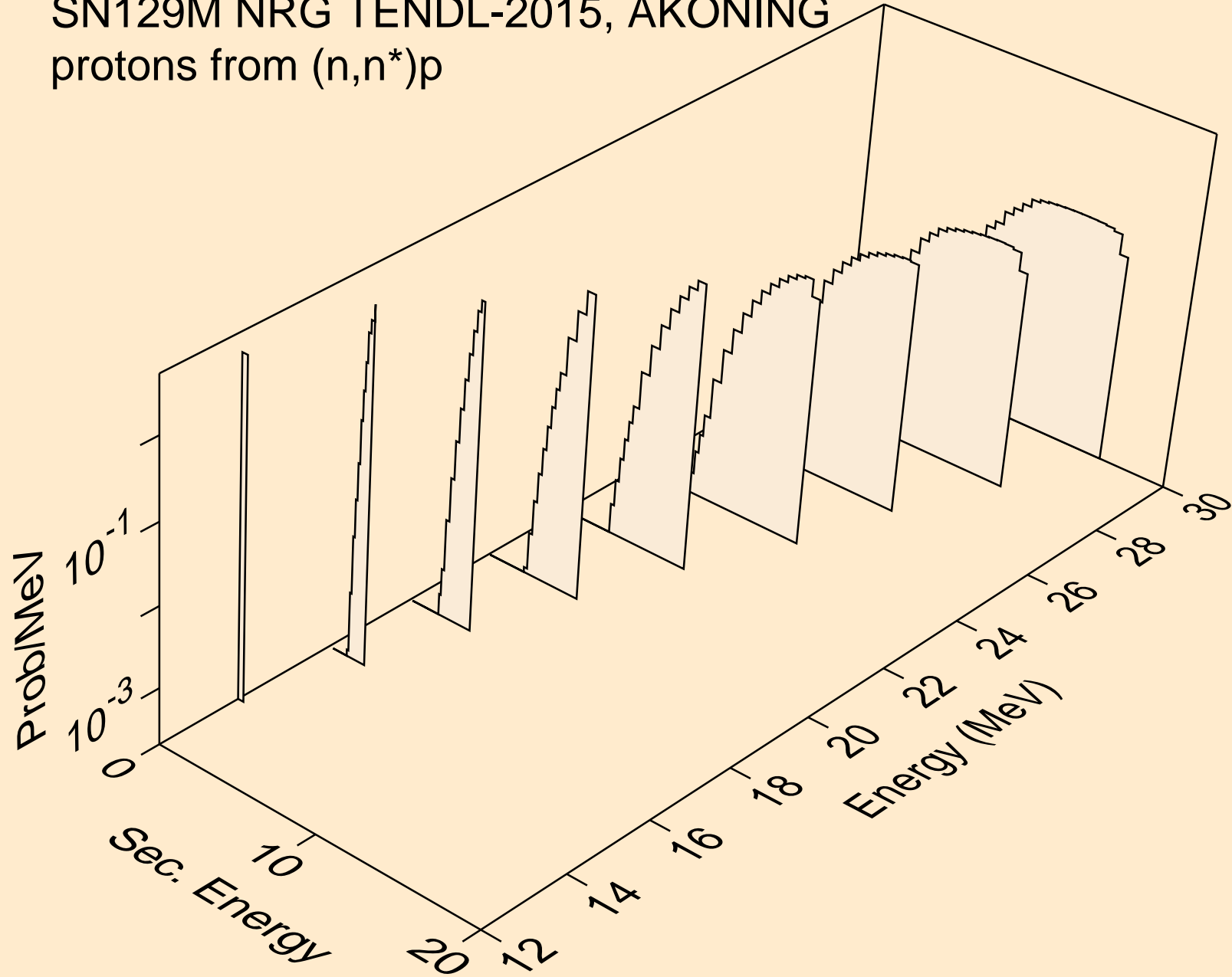
## Particle production cross sections



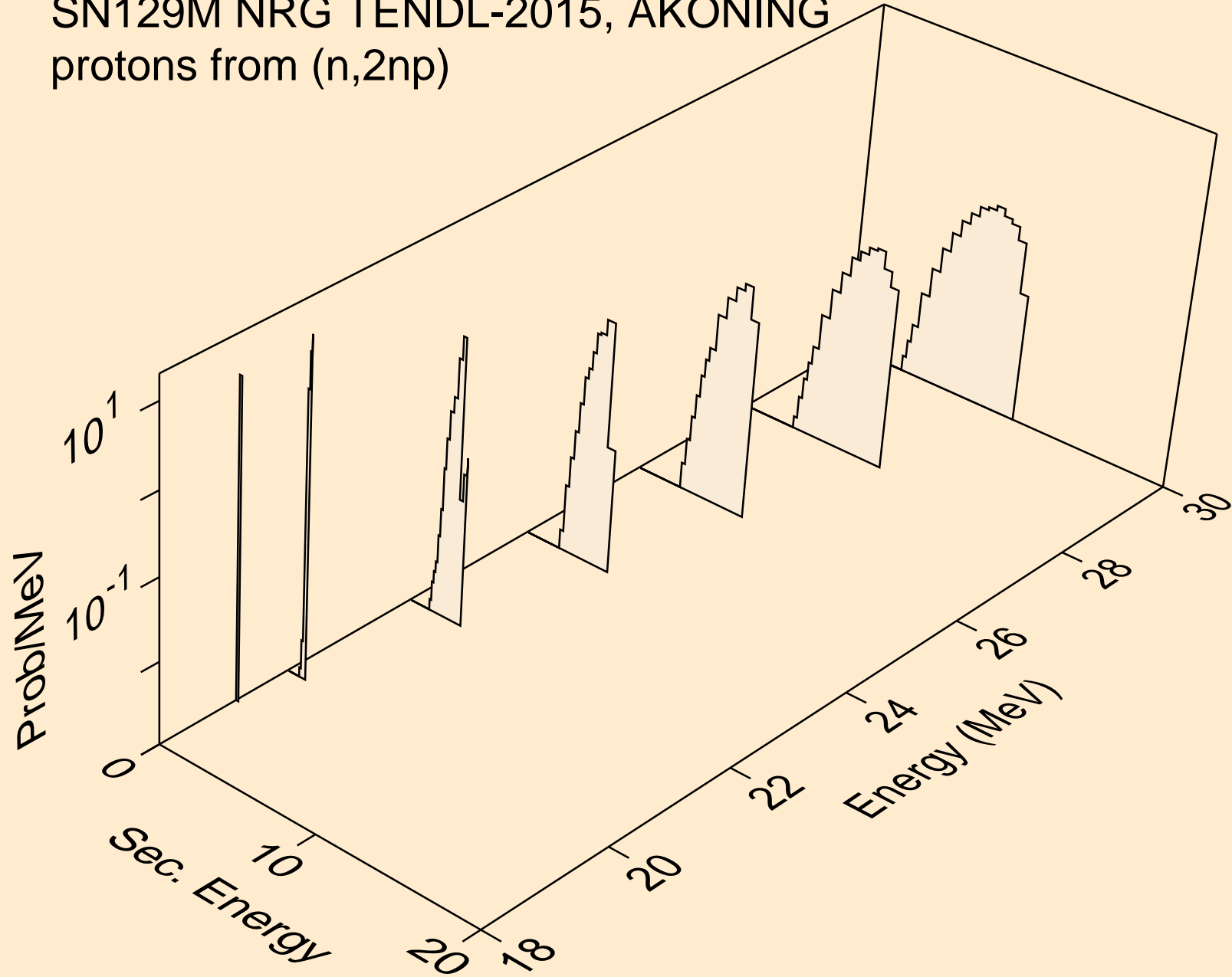
SN129M NRG TENDL-2015, AKONING  
protons from (n,x)



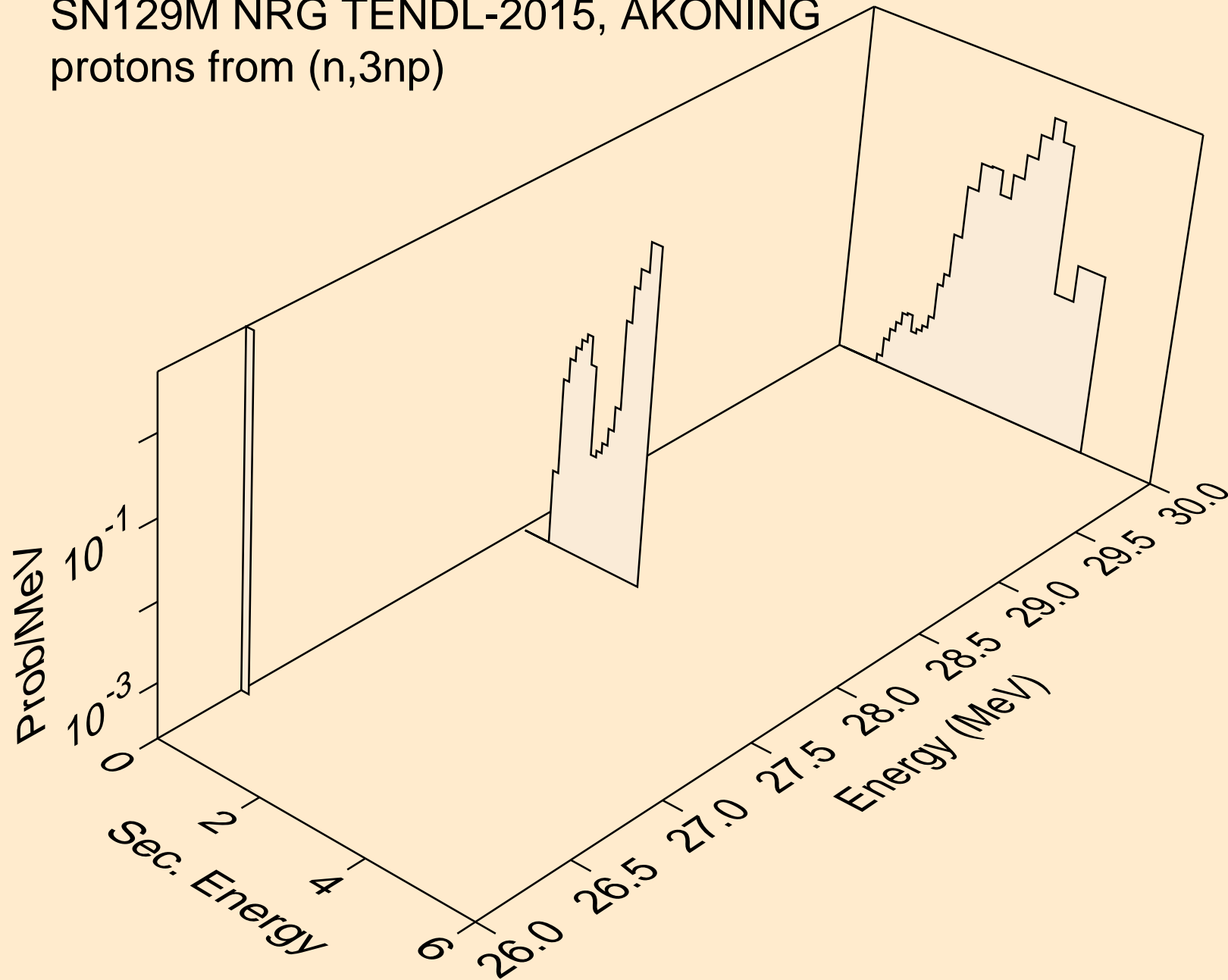
SN129M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



SN129M NRG TENDL-2015, AKONING  
protons from (n,2np)

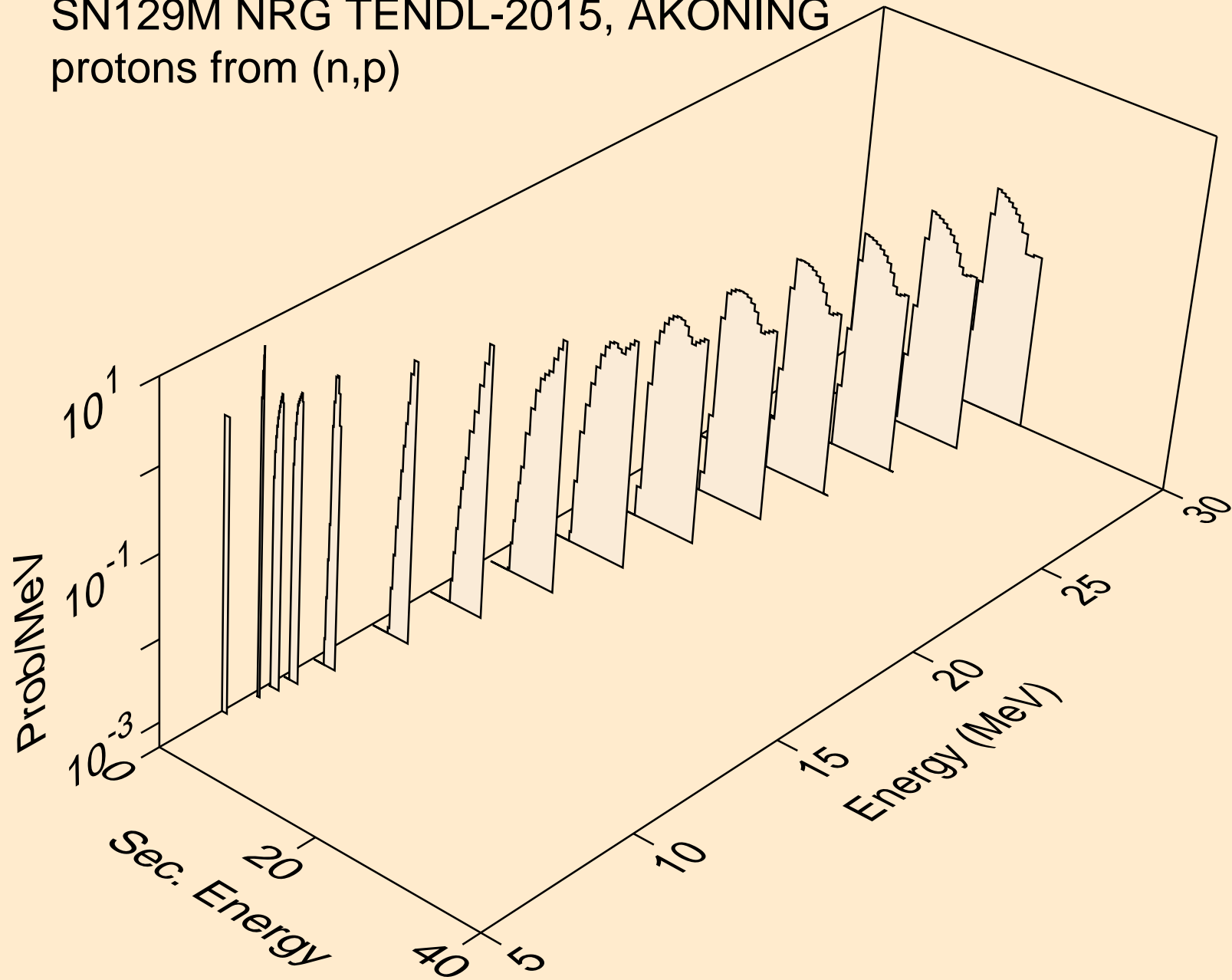


SN129M NRG TENDL-2015, AKONING  
protons from (n,3np)

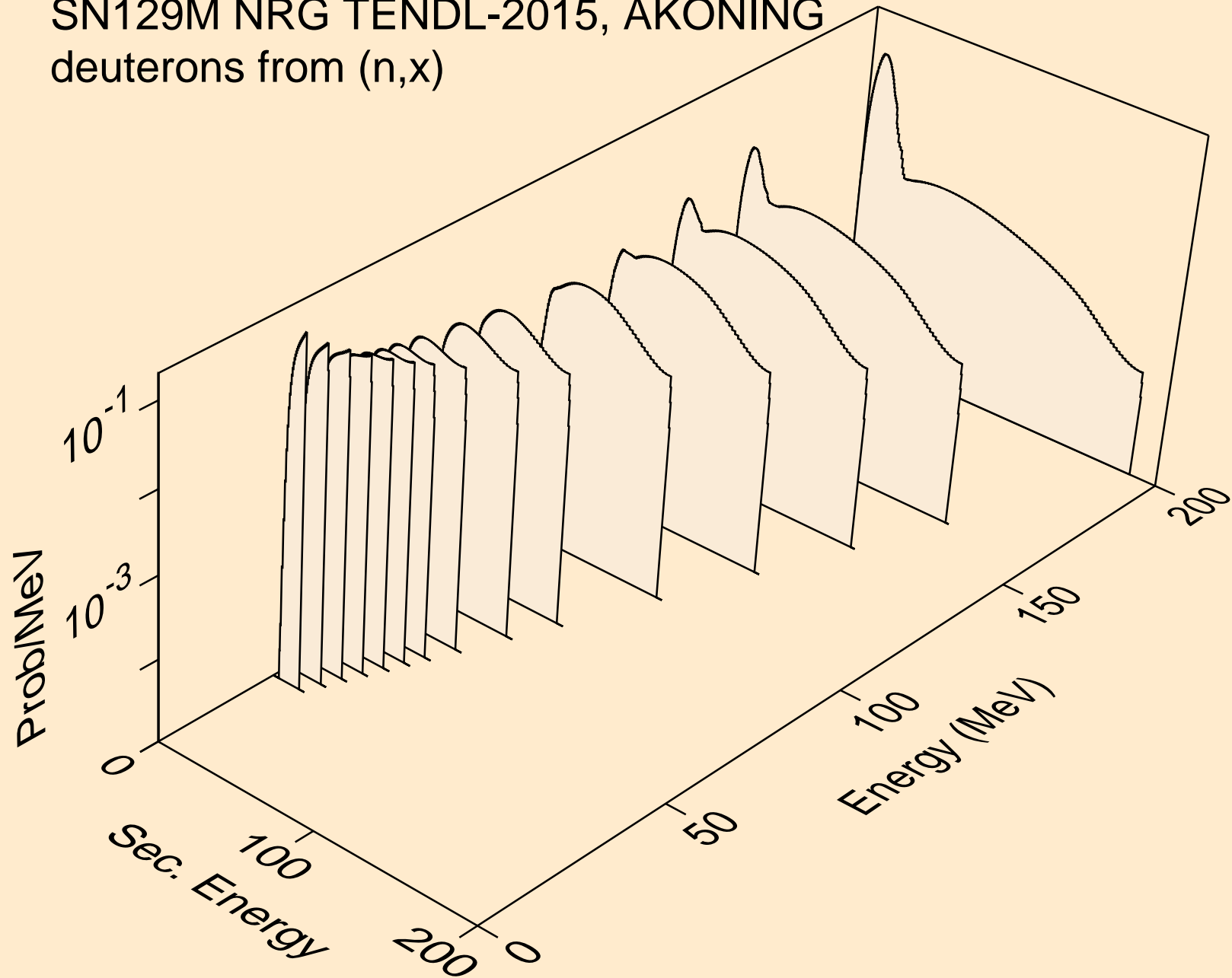




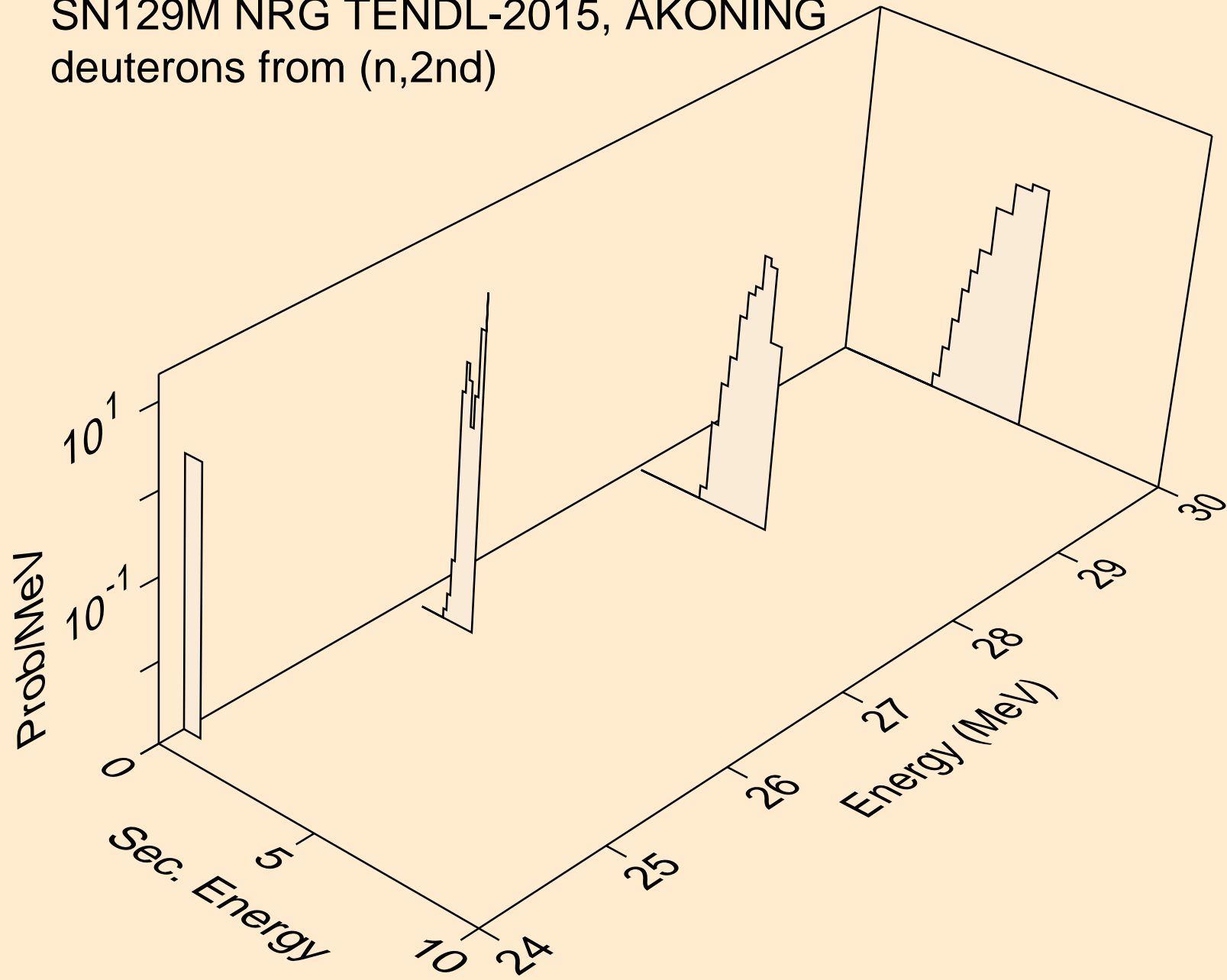
SN129M NRG TENDL-2015, AKONING  
protons from (n,p)



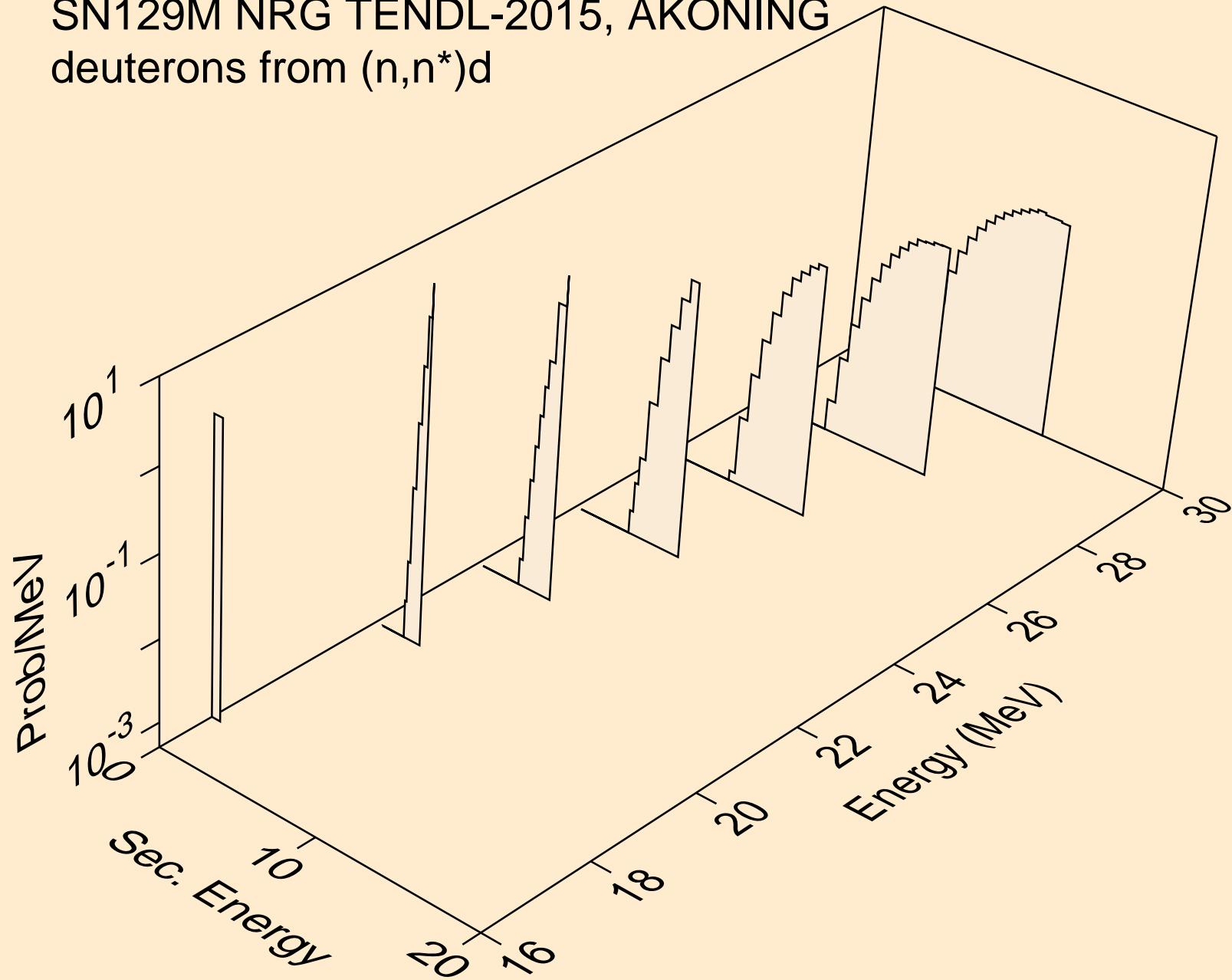
SN129M NRG TENDL-2015, AKONING  
deuterons from (n,x)



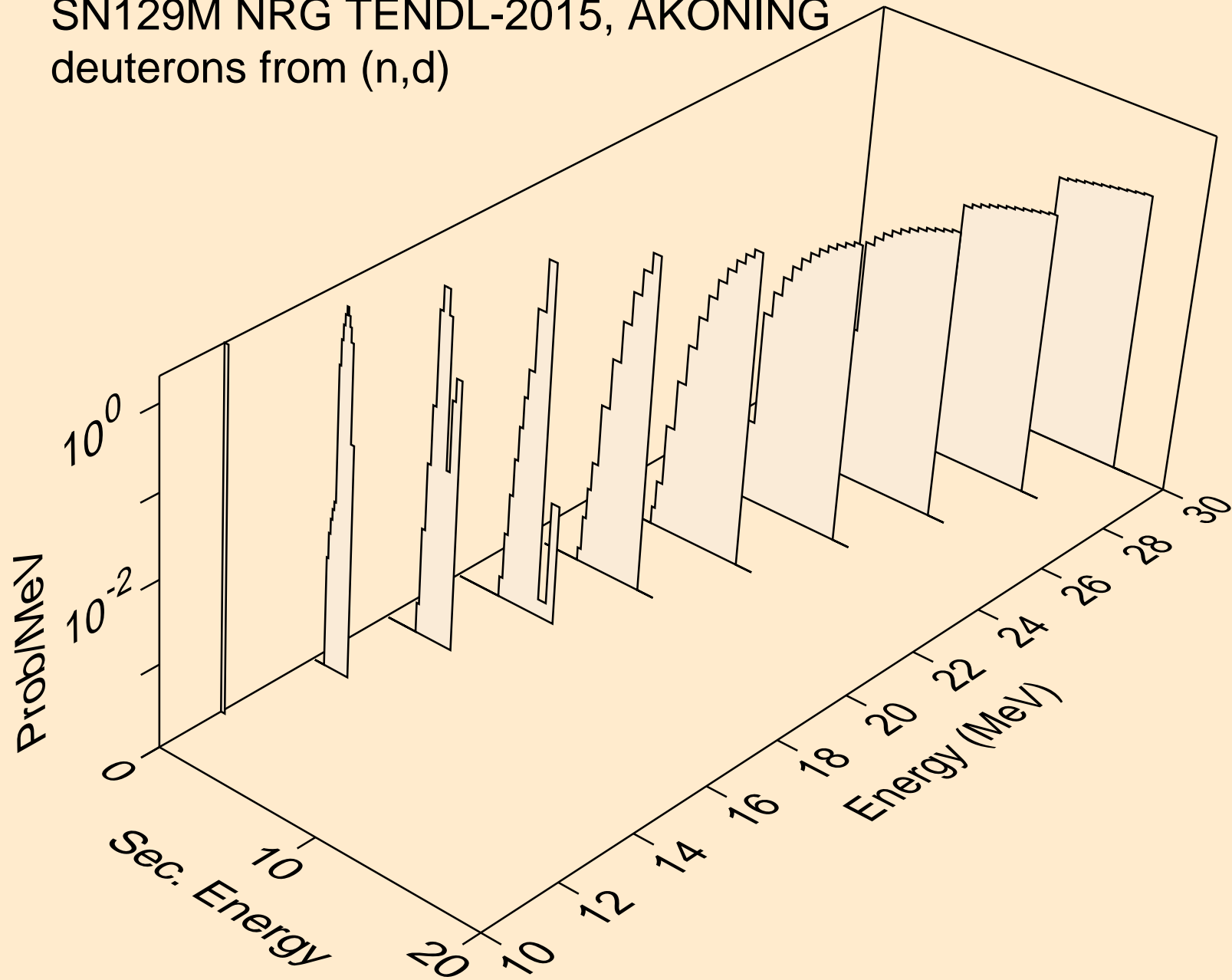
SN129M NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



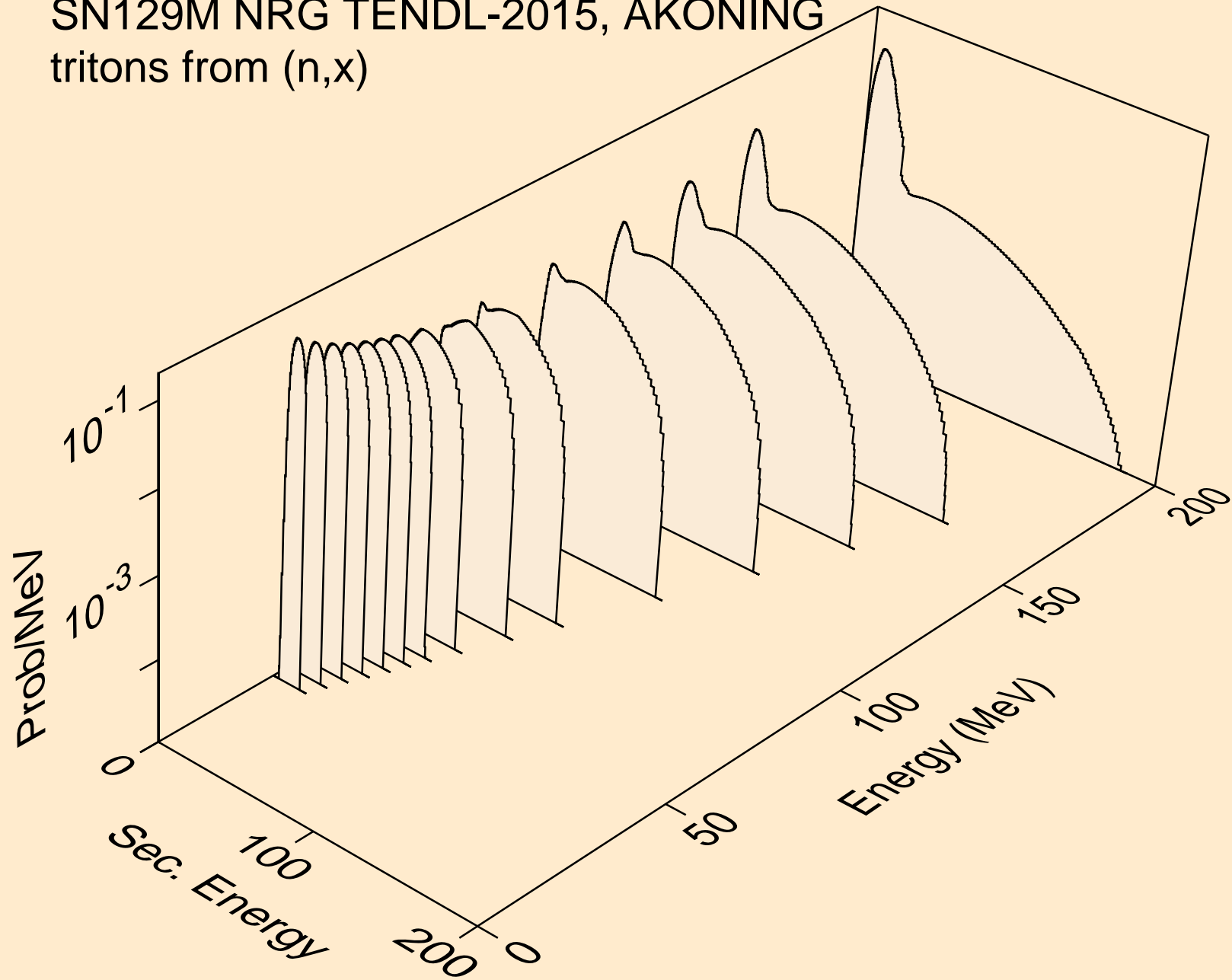
SN129M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



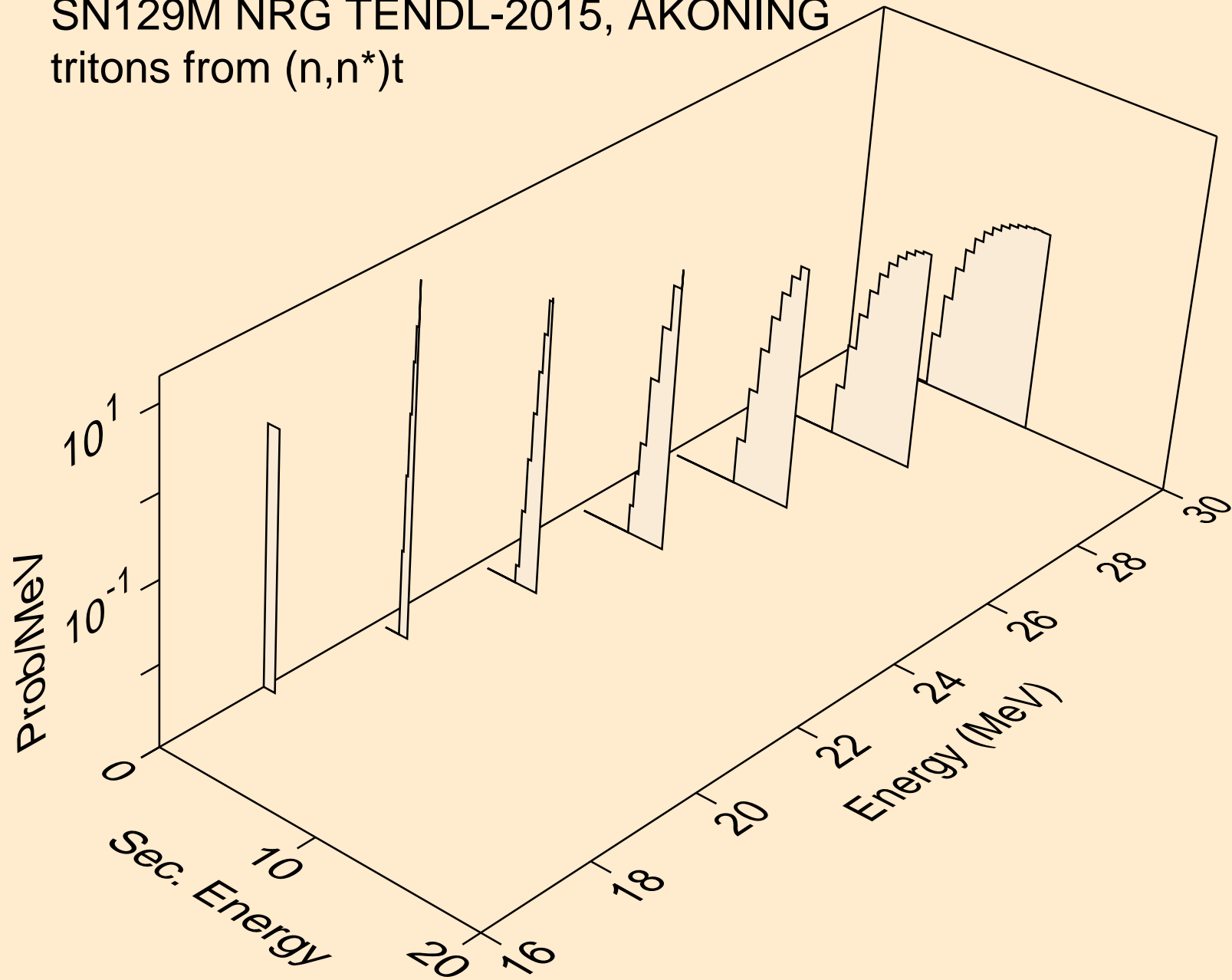
SN129M NRG TENDL-2015, AKONING  
deuterons from (n,d)



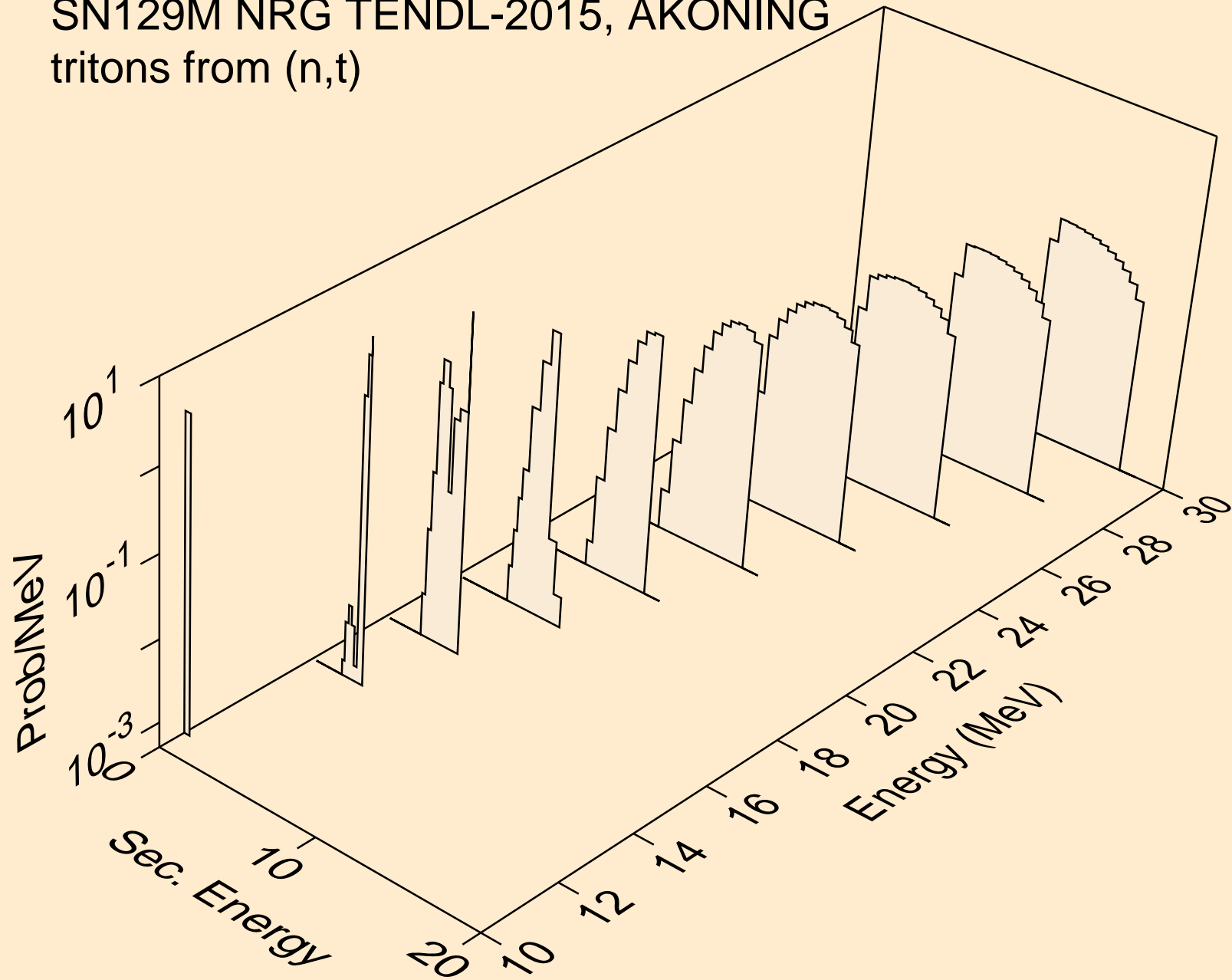
SN129M NRG TENDL-2015, AKONING  
tritons from (n,x)



SN129M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

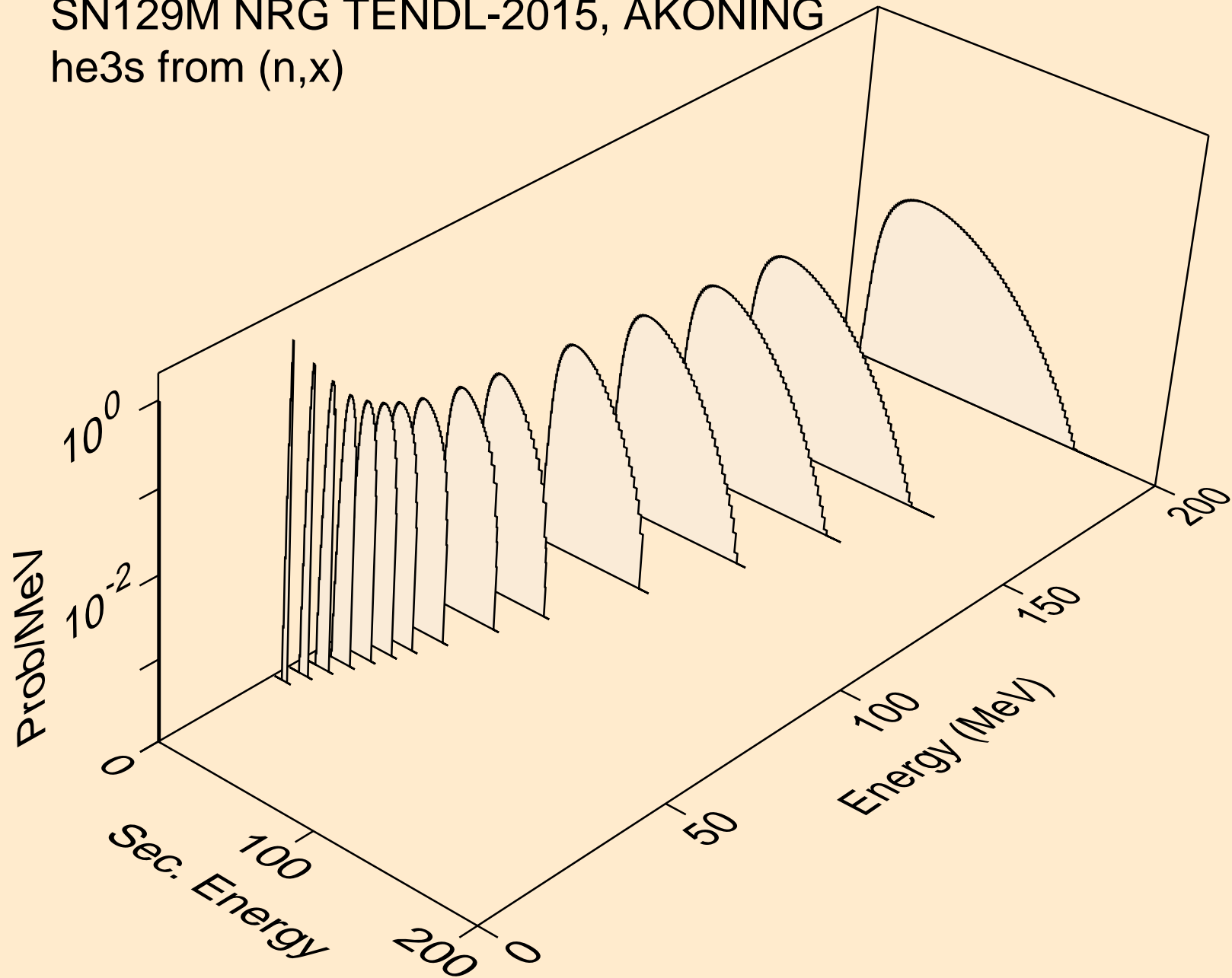


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tritons from (n,t)

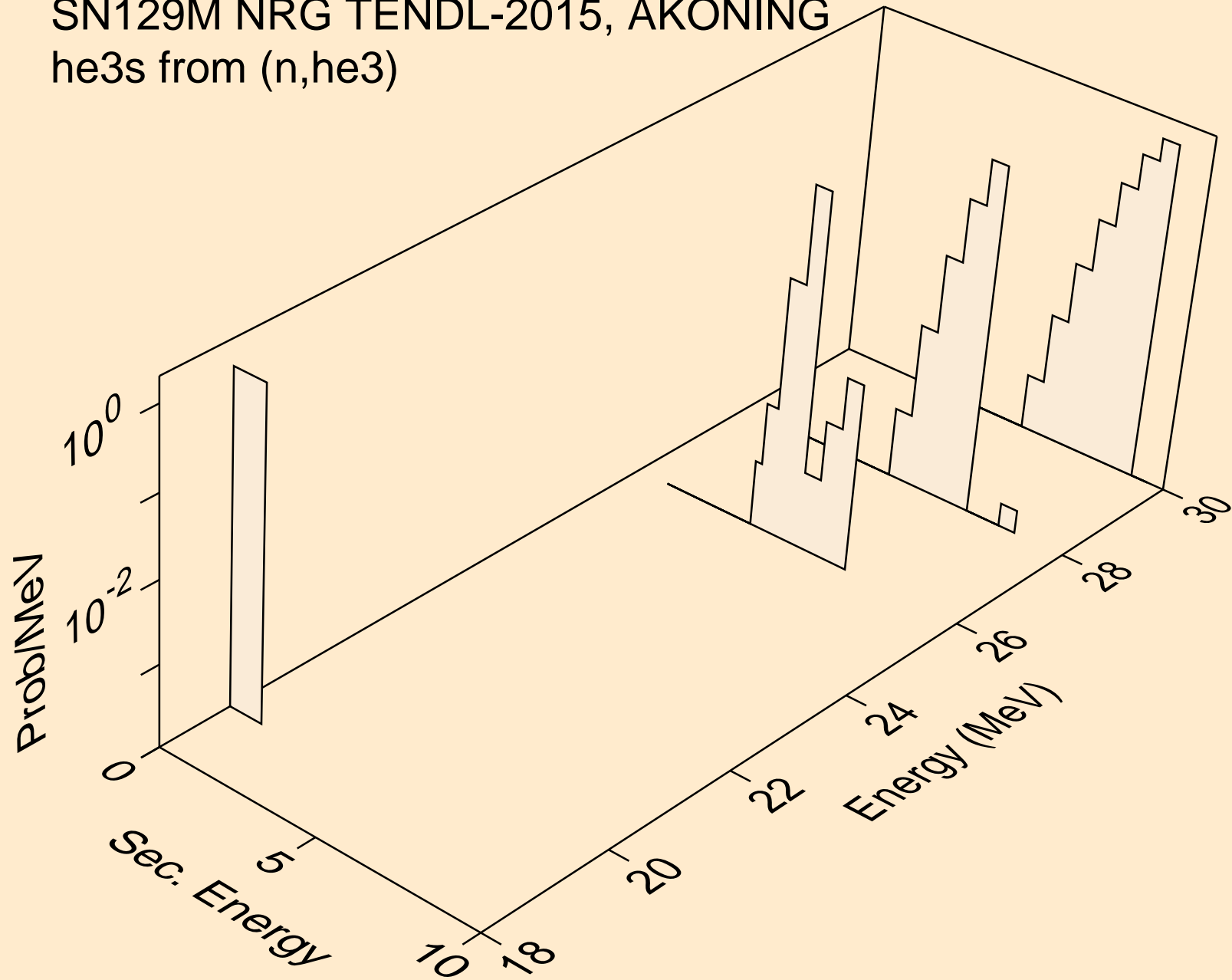




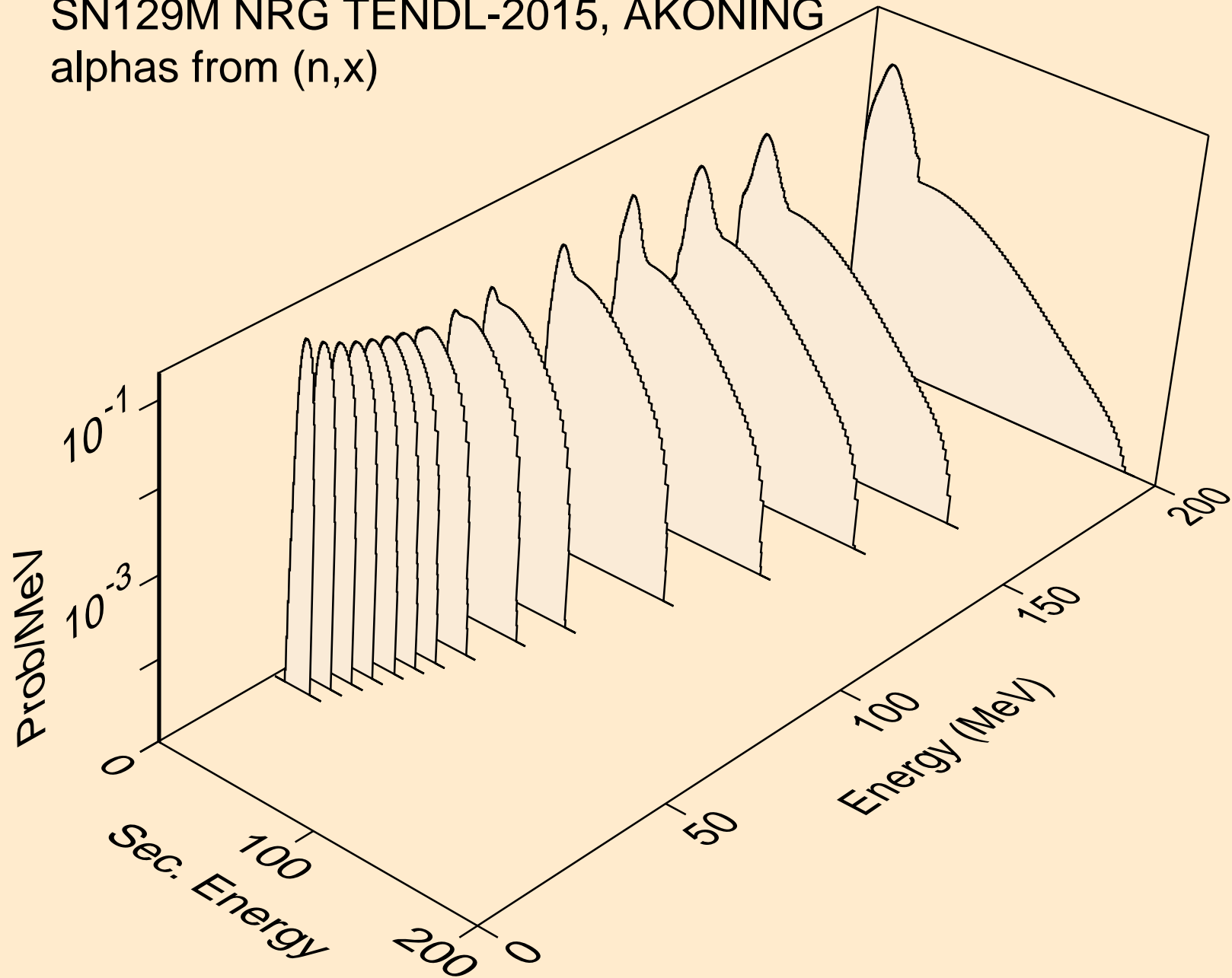
SN129M NRG TENDL-2015, AKONING  
he3s from (n,x)



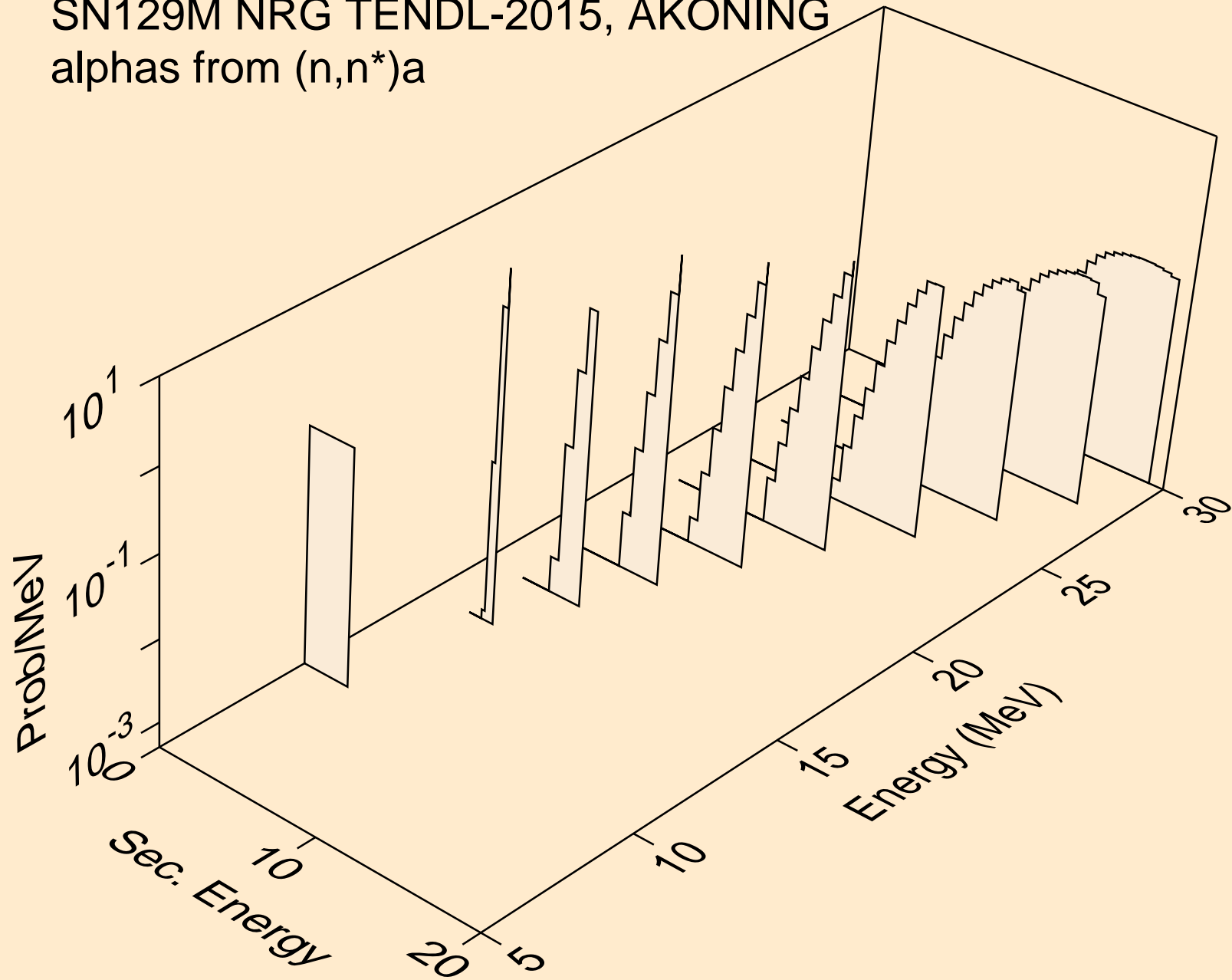
SN129M NRG TENDL-2015, AKONING  
he3s from (n,he3)



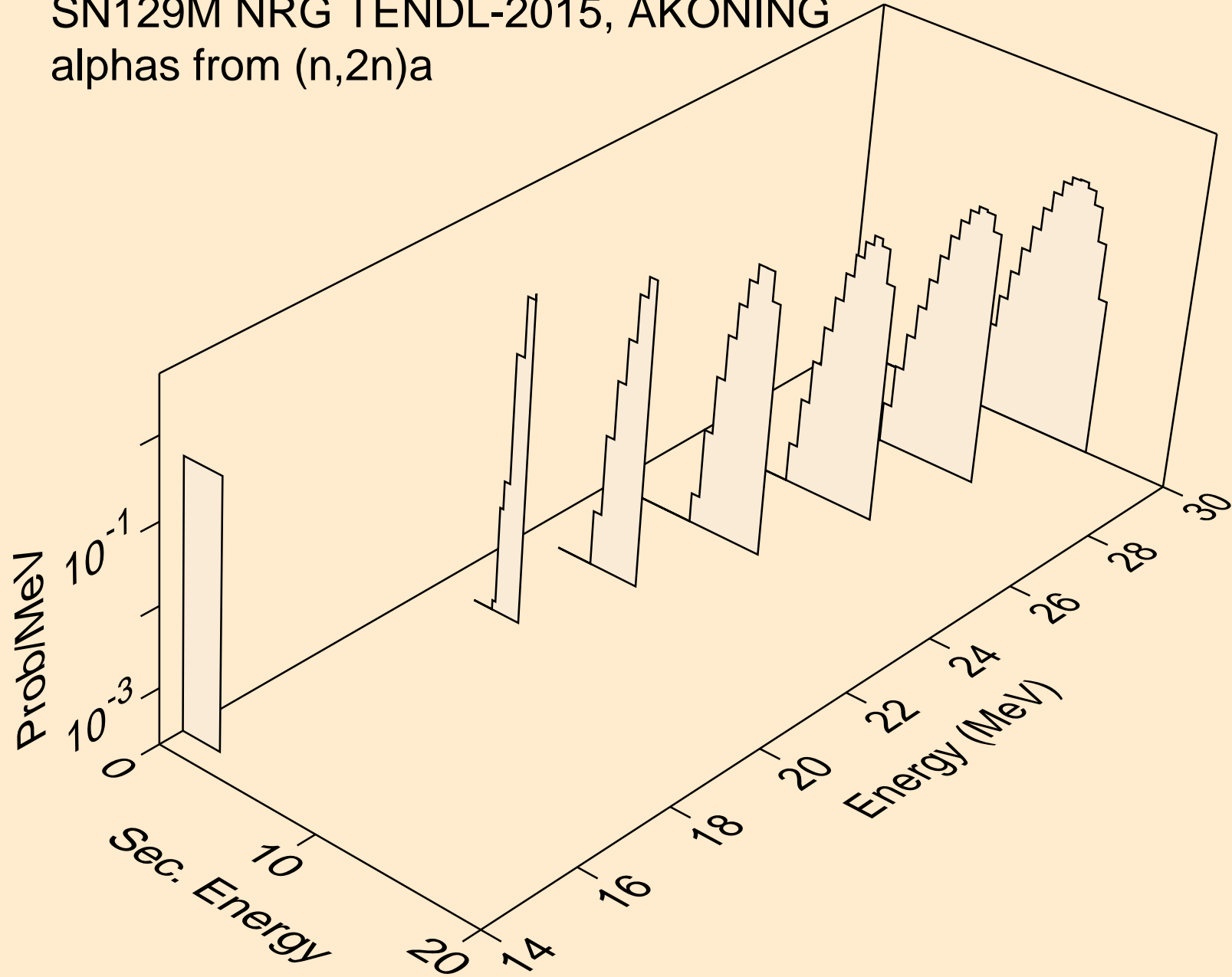
SN129M NRG TENDL-2015, AKONING  
alphas from (n,x)



SN129M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



SN129M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



SN129M NRG TENDL-2015, AKONING  
alphas from (n,a)

