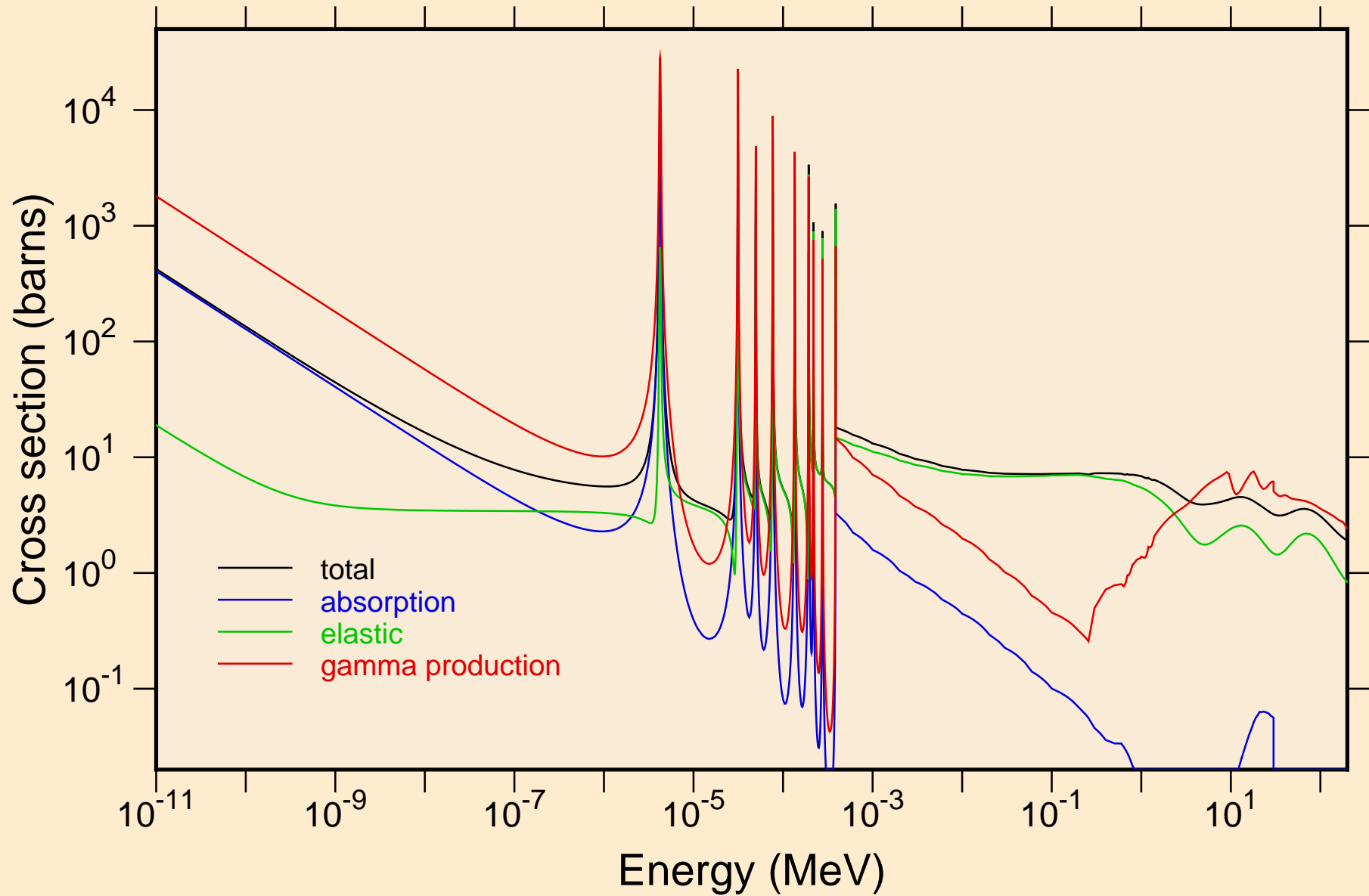
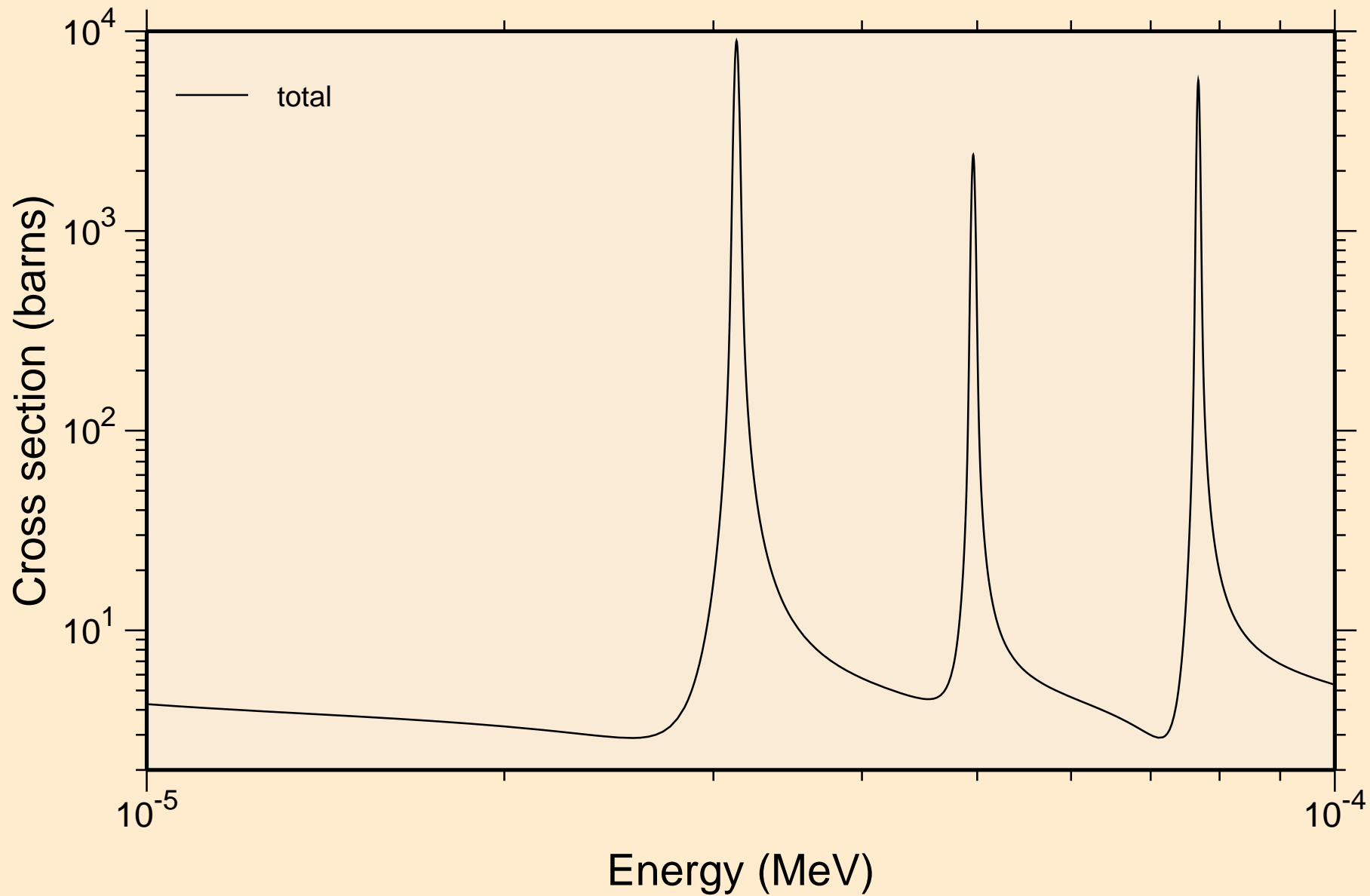


# IN113M NRG TENDL-2015, AKONING

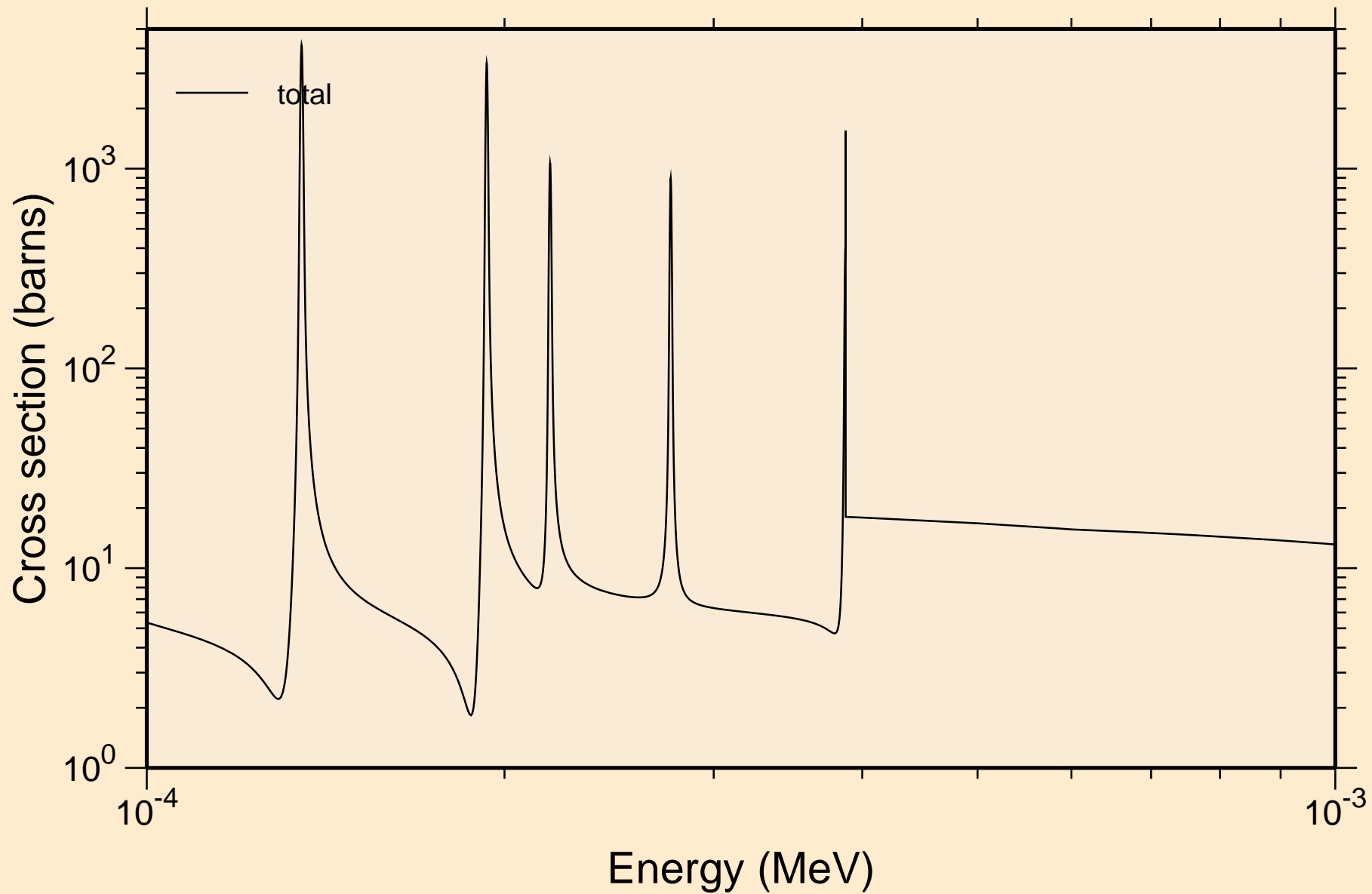
## Principal cross sections



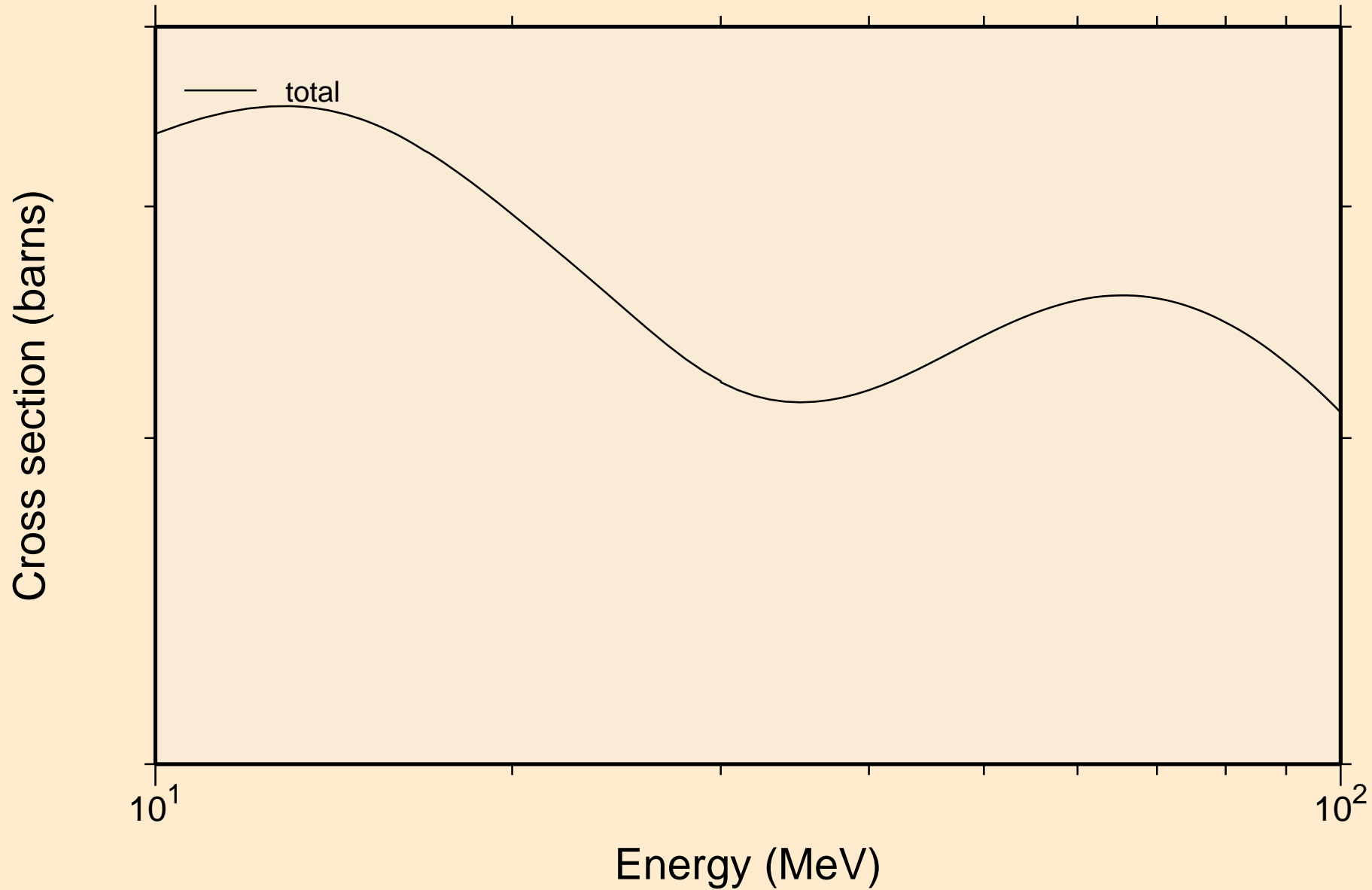
IN113M NRG TENDL-2015, AKONING  
resonance total cross section



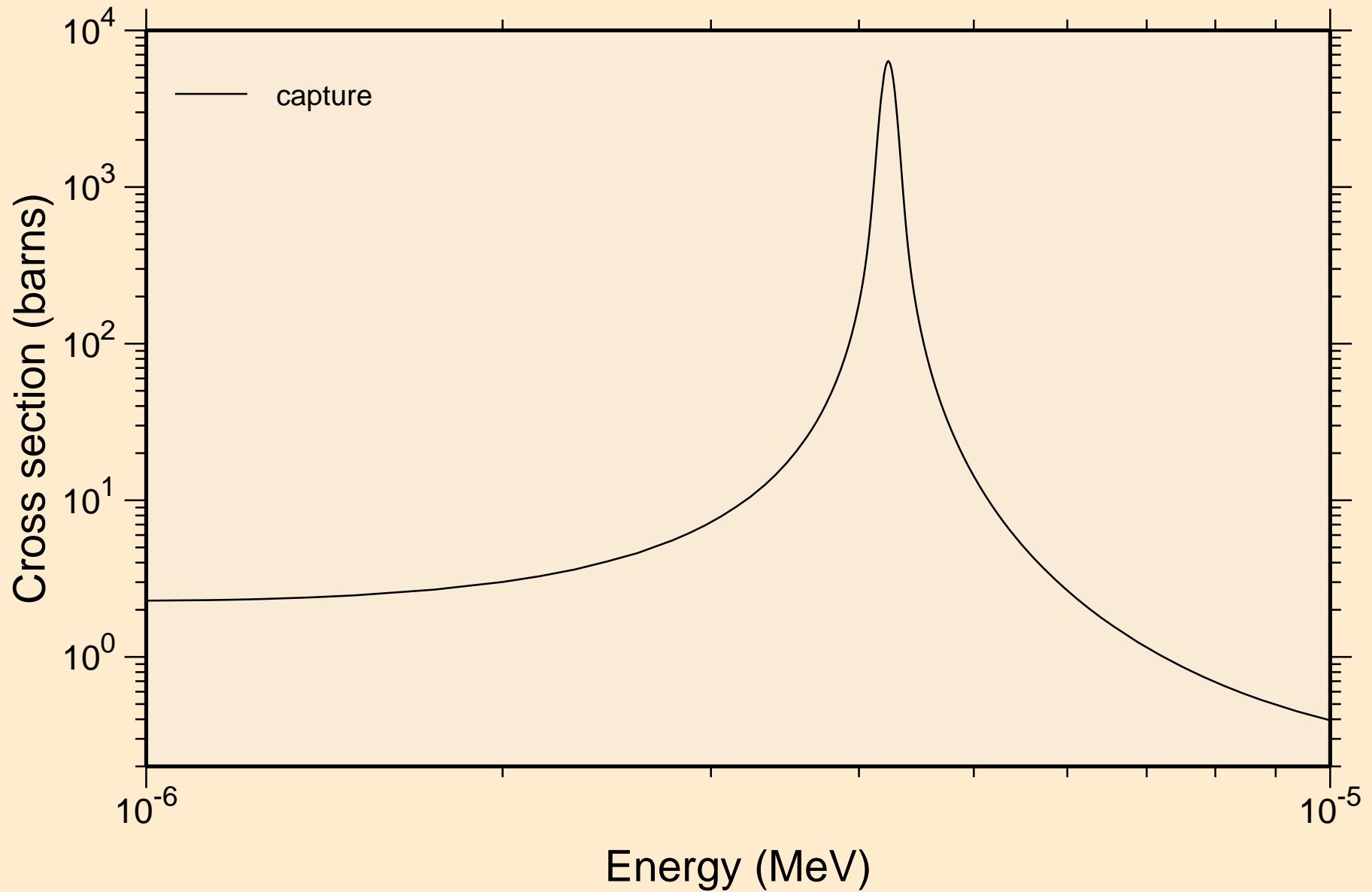
IN113M NRG TENDL-2015, AKONING  
resonance total cross section



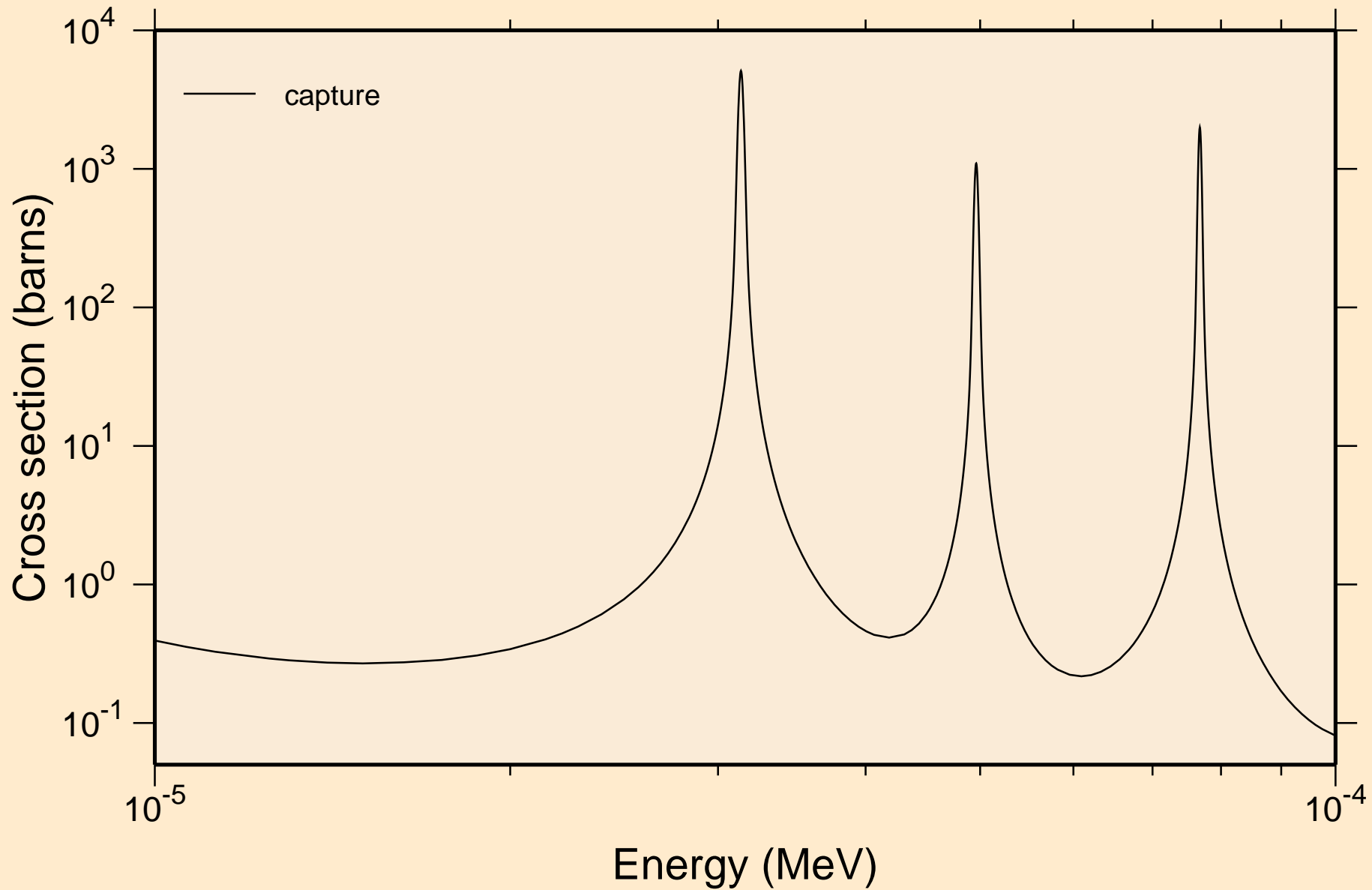
IN113M NRG TENDL-2015, AKONING  
resonance total cross section



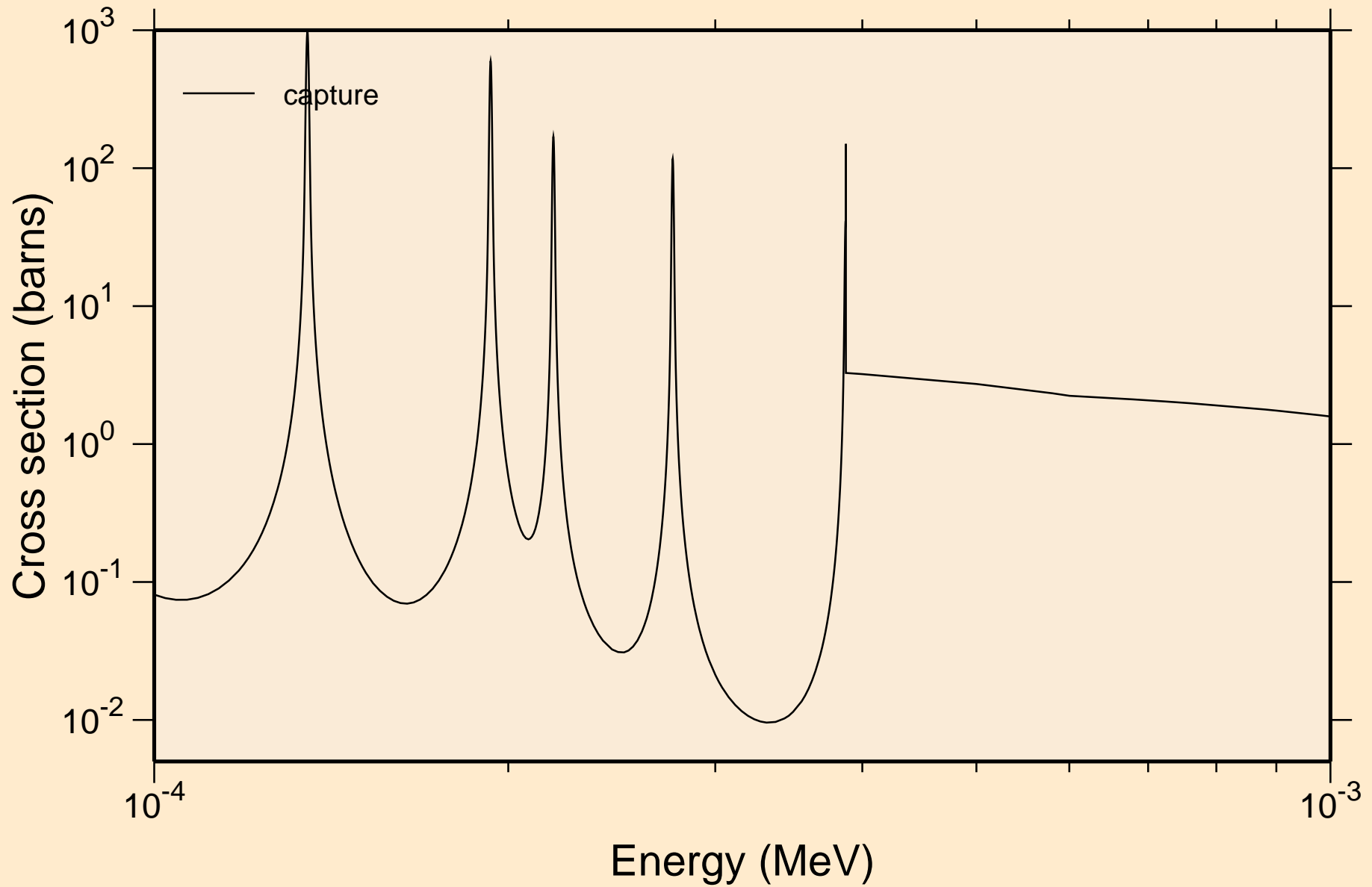
IN113M NRG TENDL-2015, AKONING  
resonance absorption cross sections



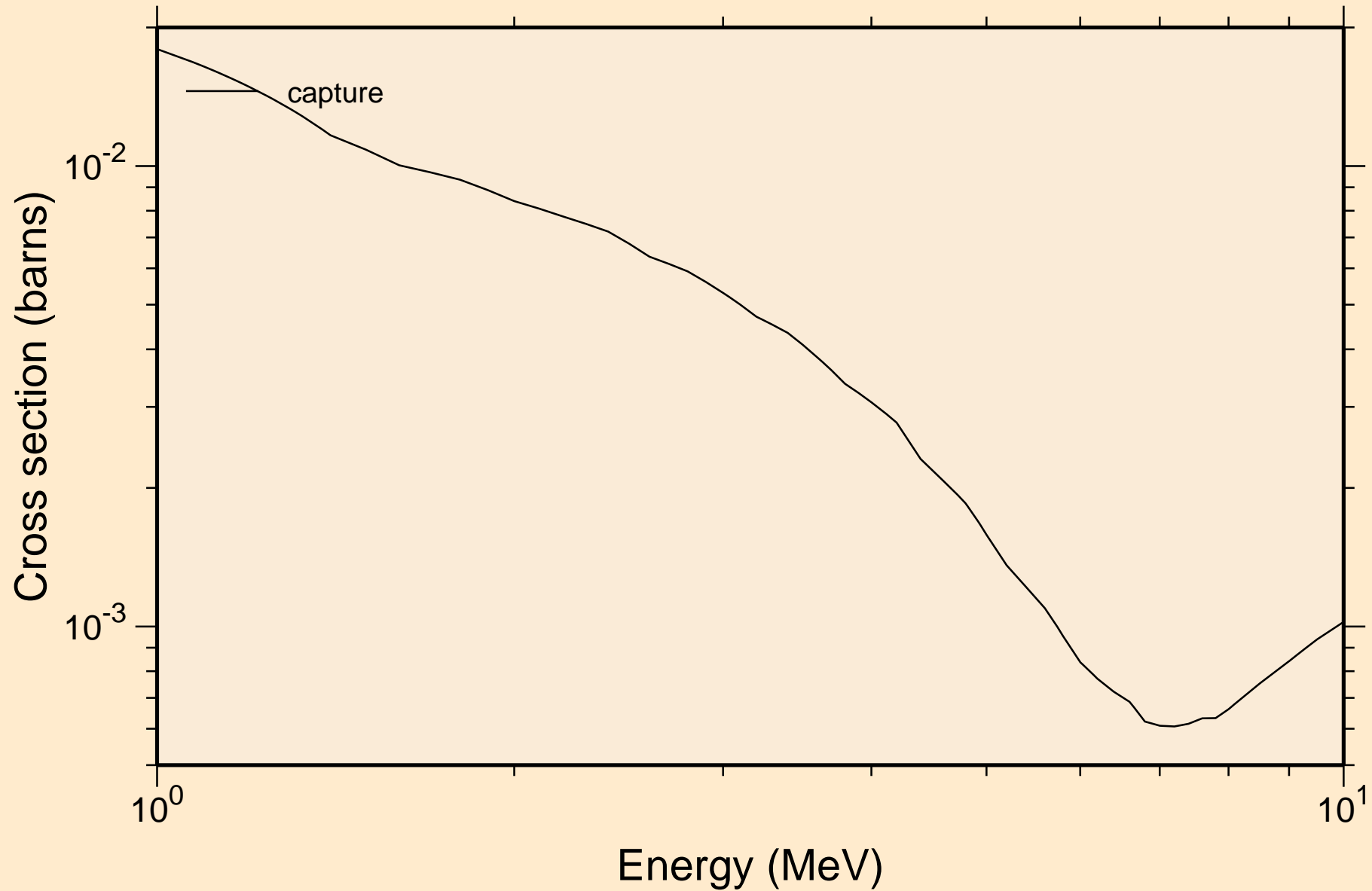
IN113M NRG TENDL-2015, AKONING  
resonance absorption cross sections



IN113M NRG TENDL-2015, AKONING  
resonance absorption cross sections



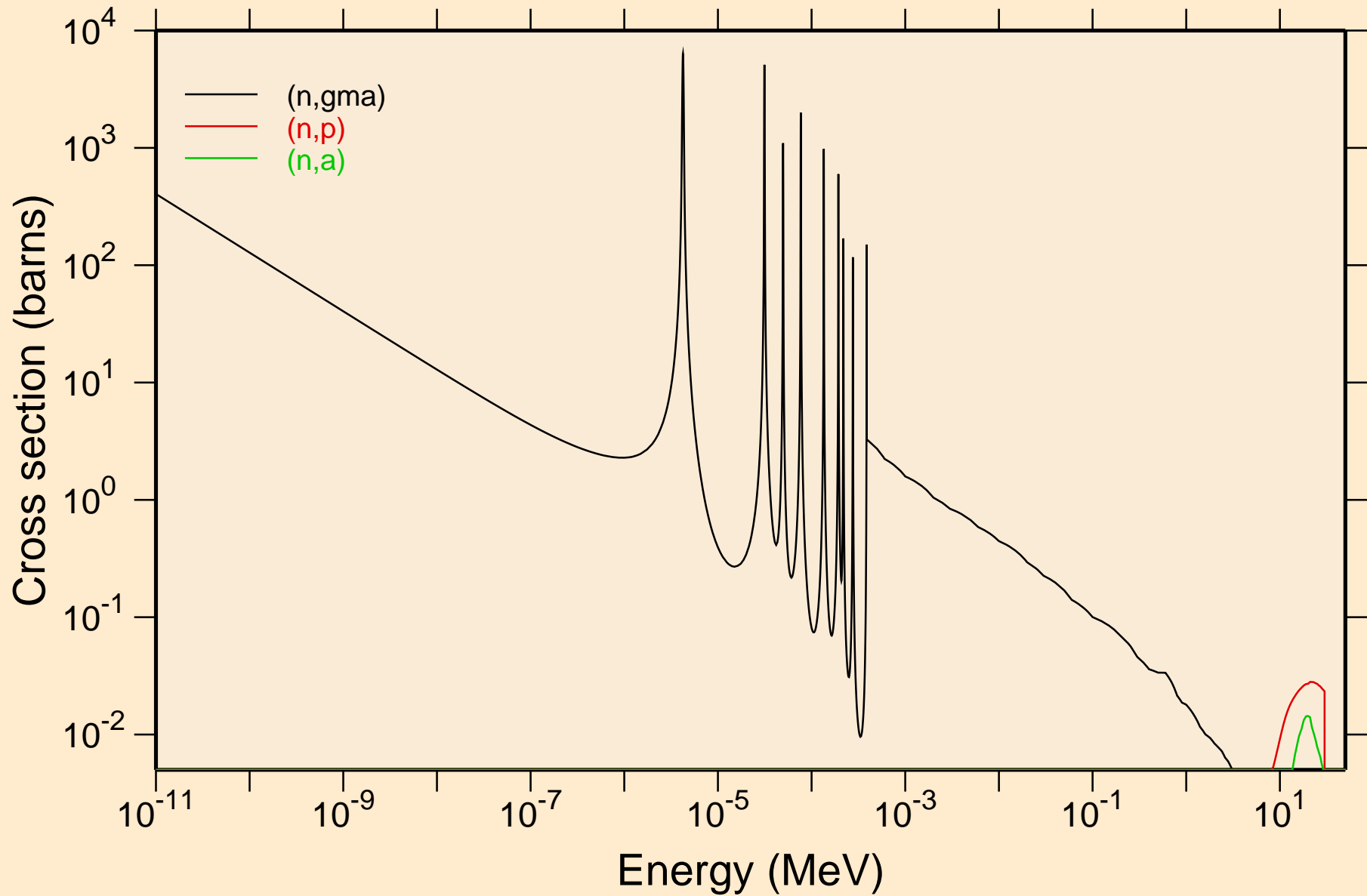
IN113M NRG TENDL-2015, AKONING  
resonance absorption cross sections





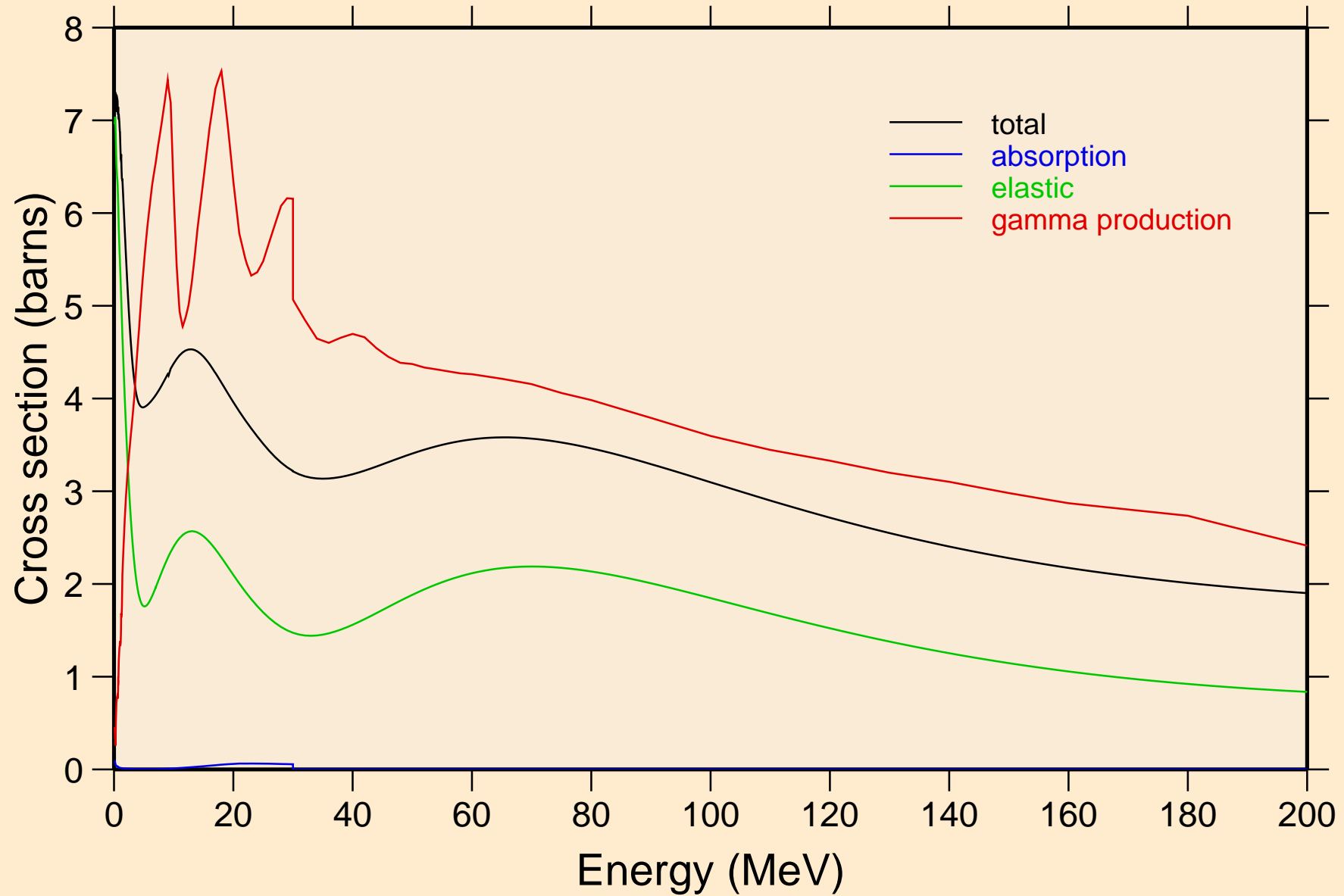
# IN113M NRG TENDL-2015, AKONING

## Non-threshold reactions



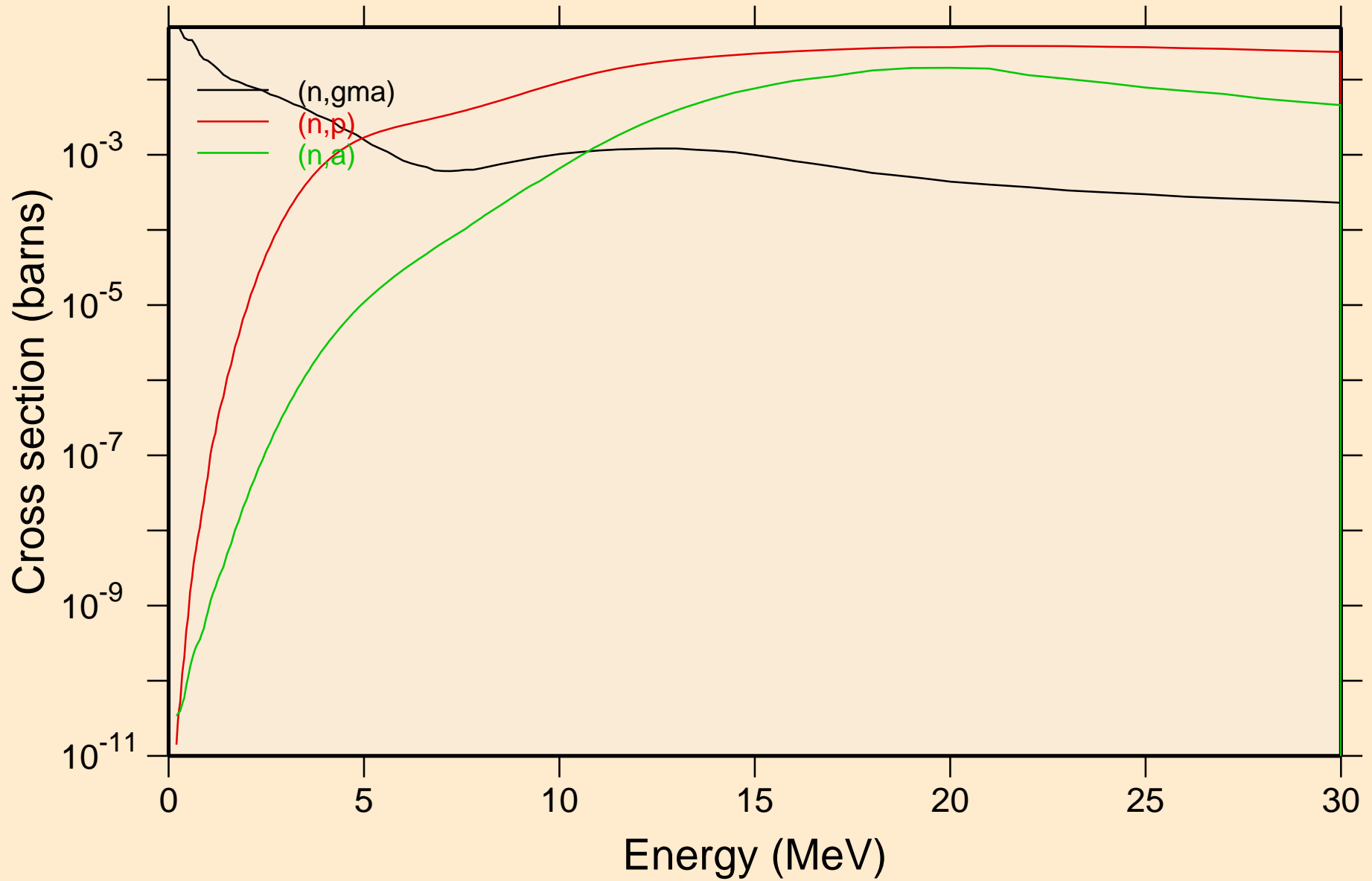
# IN113M NRG TENDL-2015, AKONING

## Principal cross sections



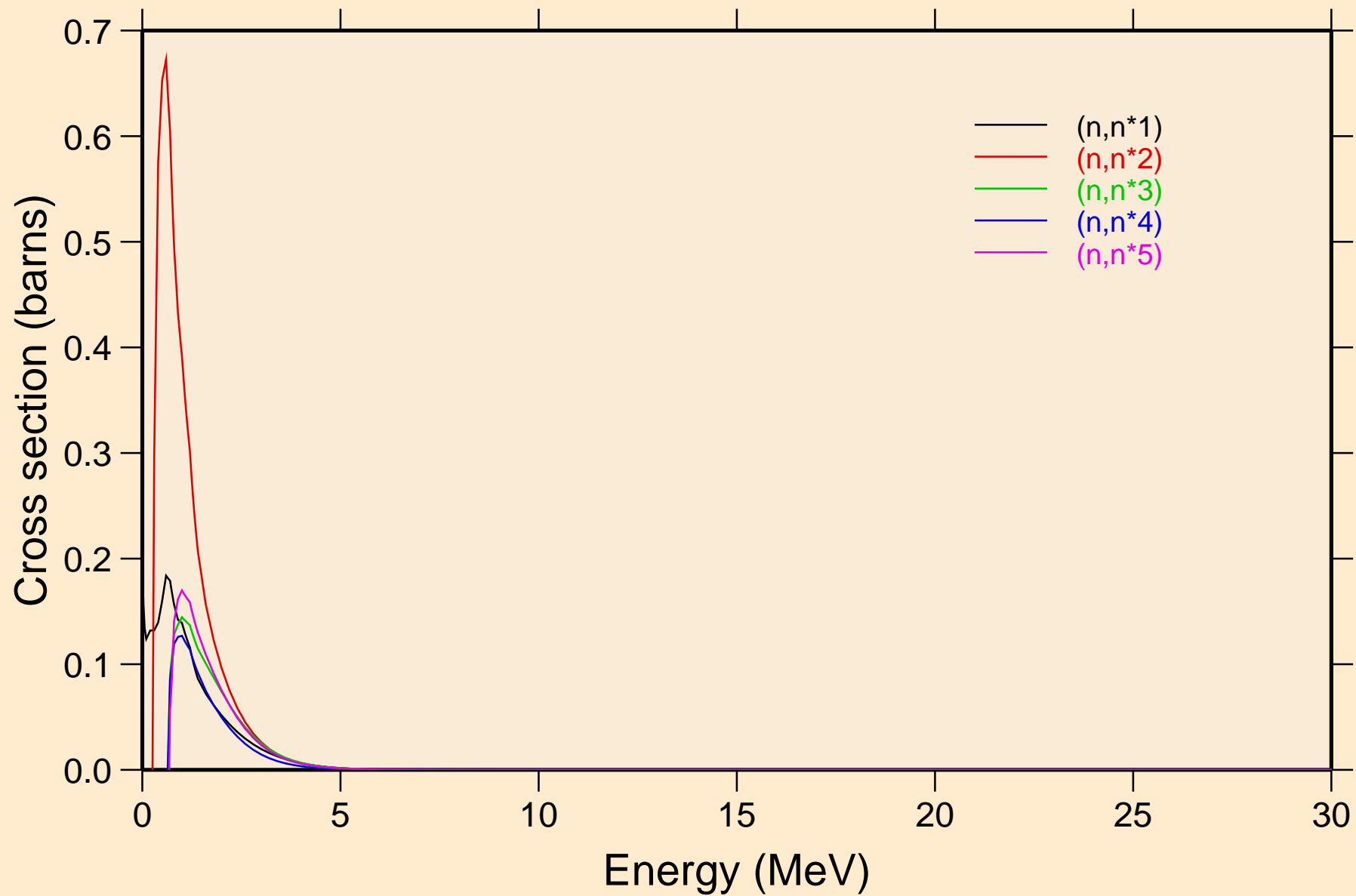
# IN113M NRG TENDL-2015, AKONING

## Non-threshold reactions



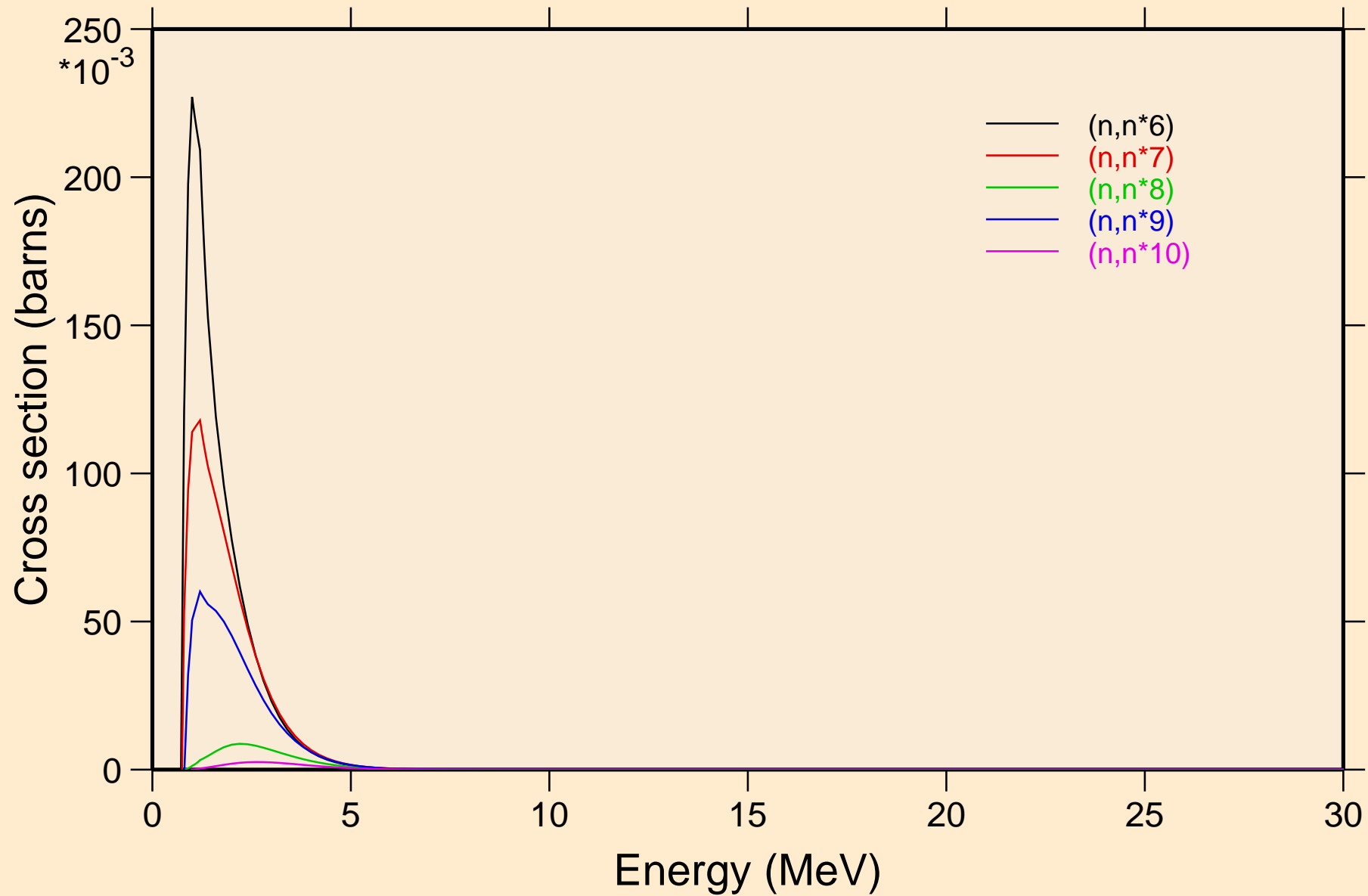
# IN113M NRG TENDL-2015, AKONING

## Inelastic levels



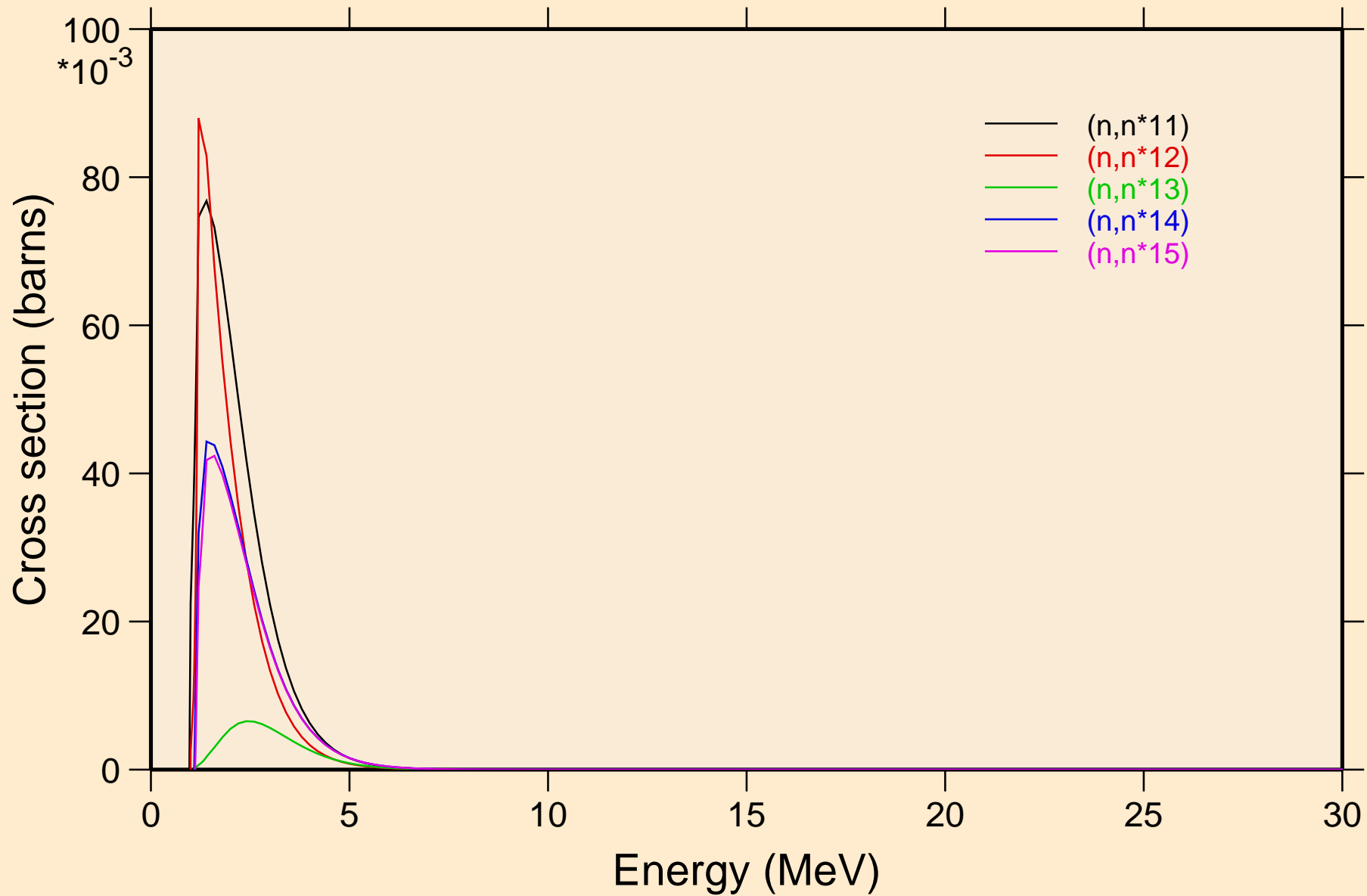
# IN113M NRG TENDL-2015, AKONING

## Inelastic levels



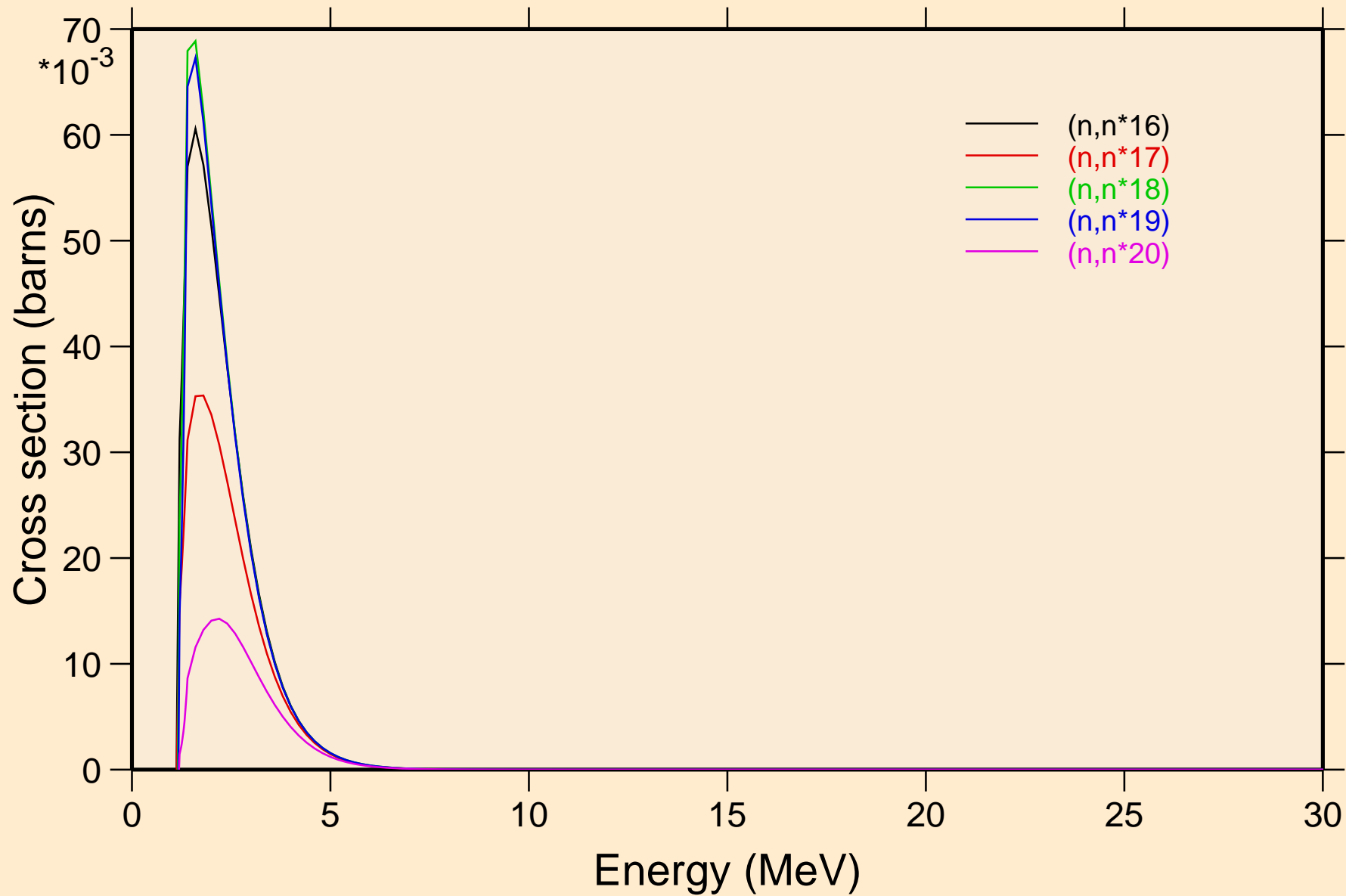
# IN113M NRG TENDL-2015, AKONING

## Inelastic levels



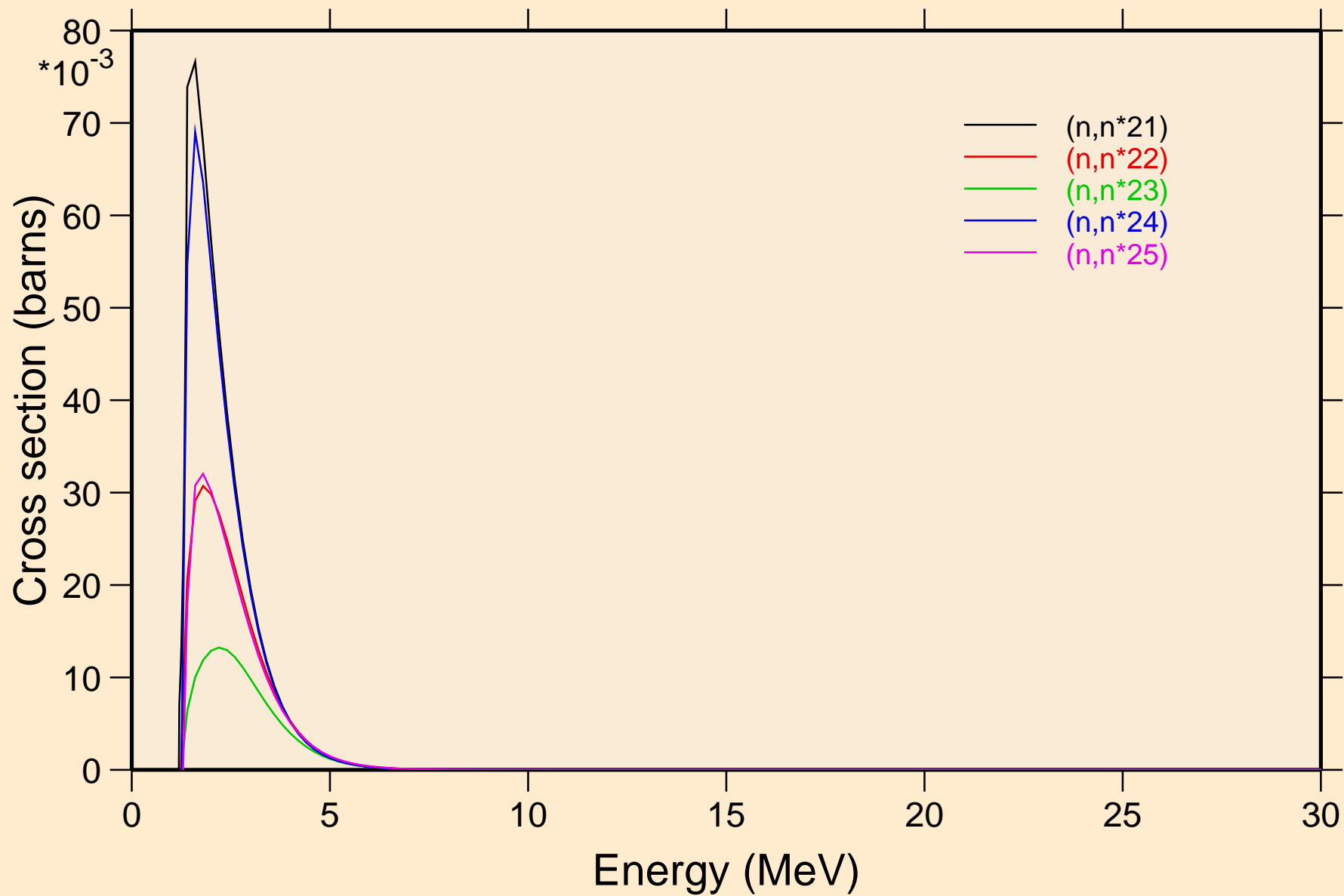
# IN113M NRG TENDL-2015, AKONING

## Inelastic levels



# IN113M NRG TENDL-2015, AKONING

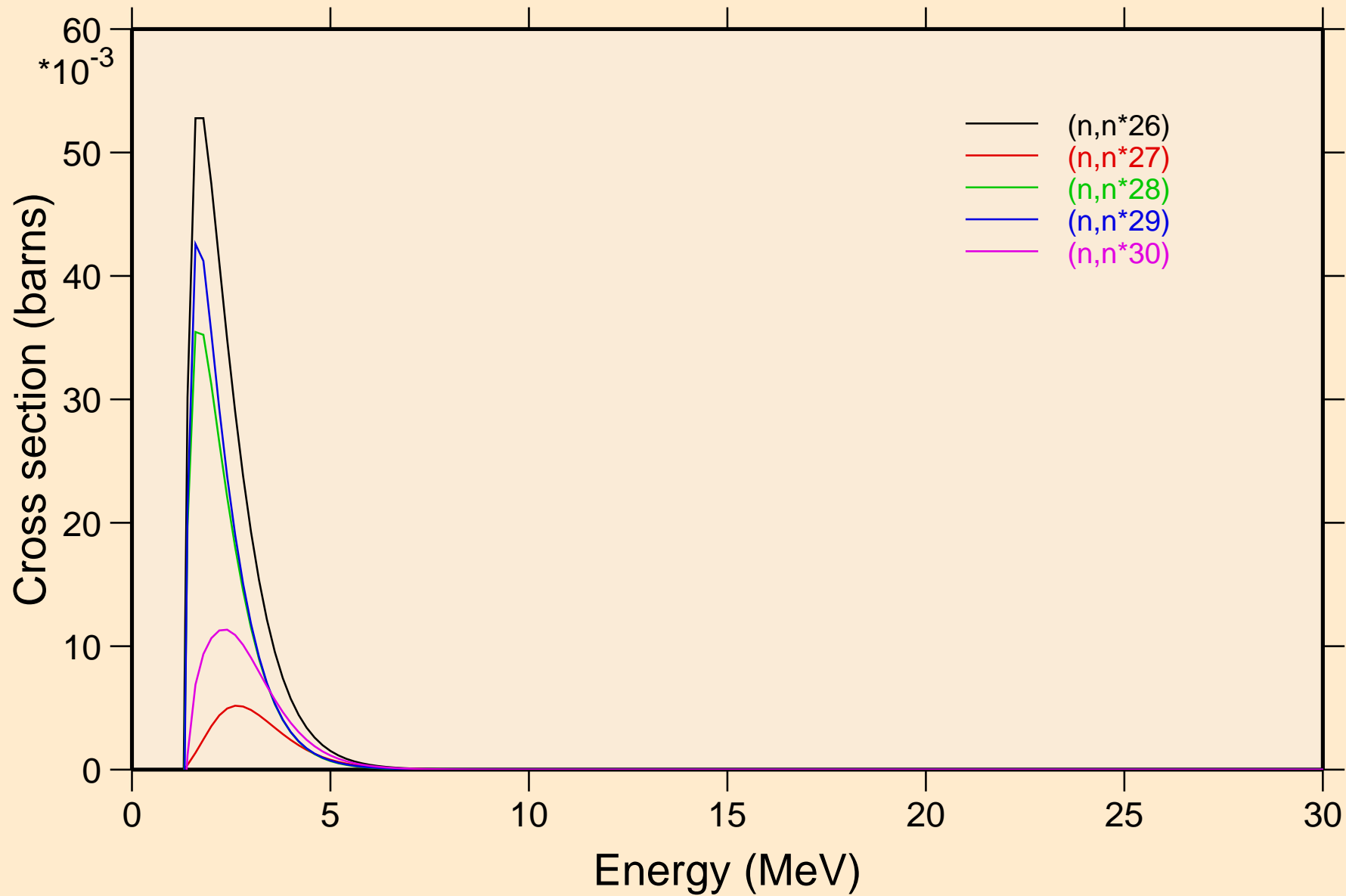
## Inelastic levels





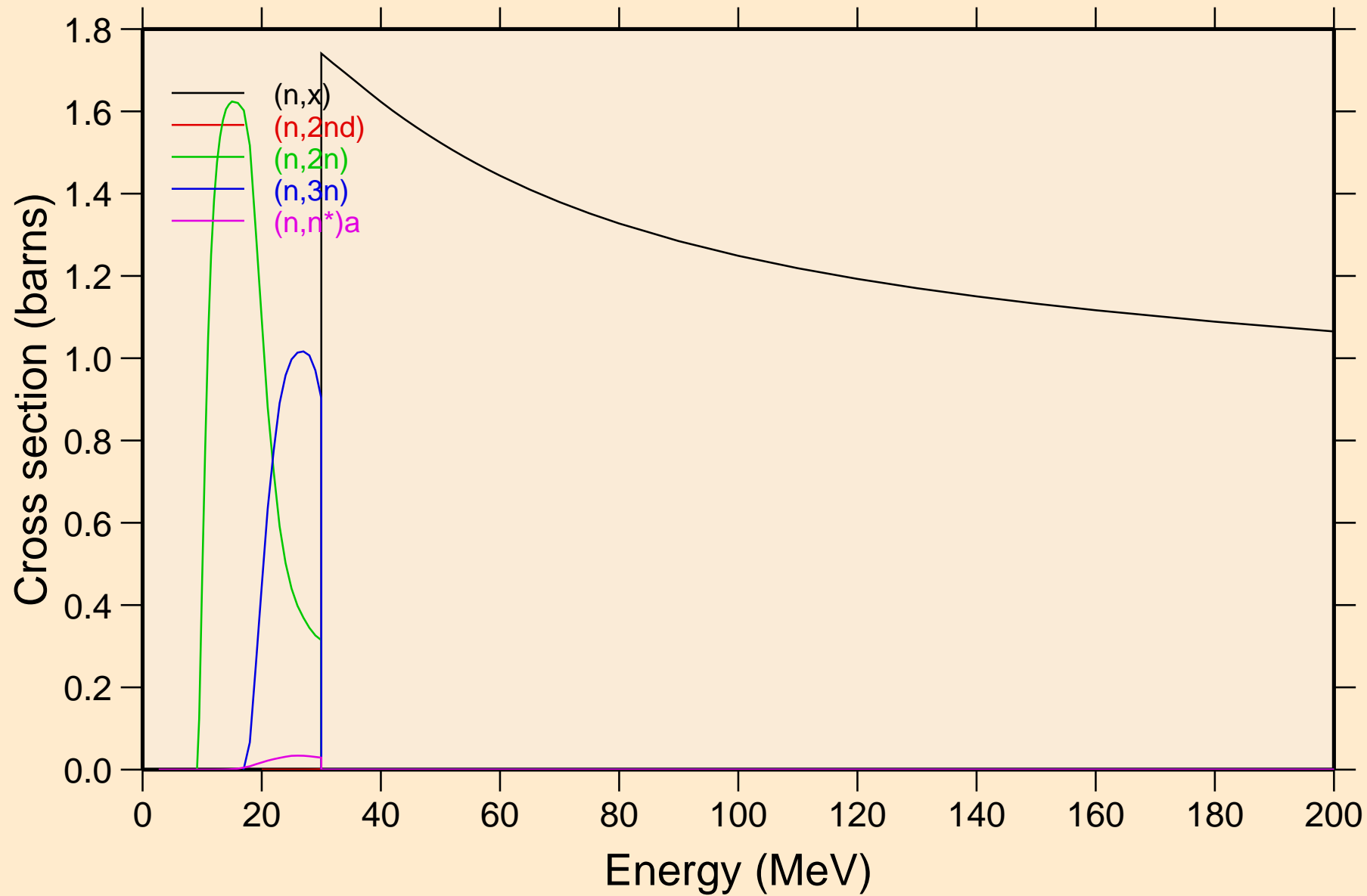
# IN113M NRG TENDL-2015, AKONING

## Inelastic levels



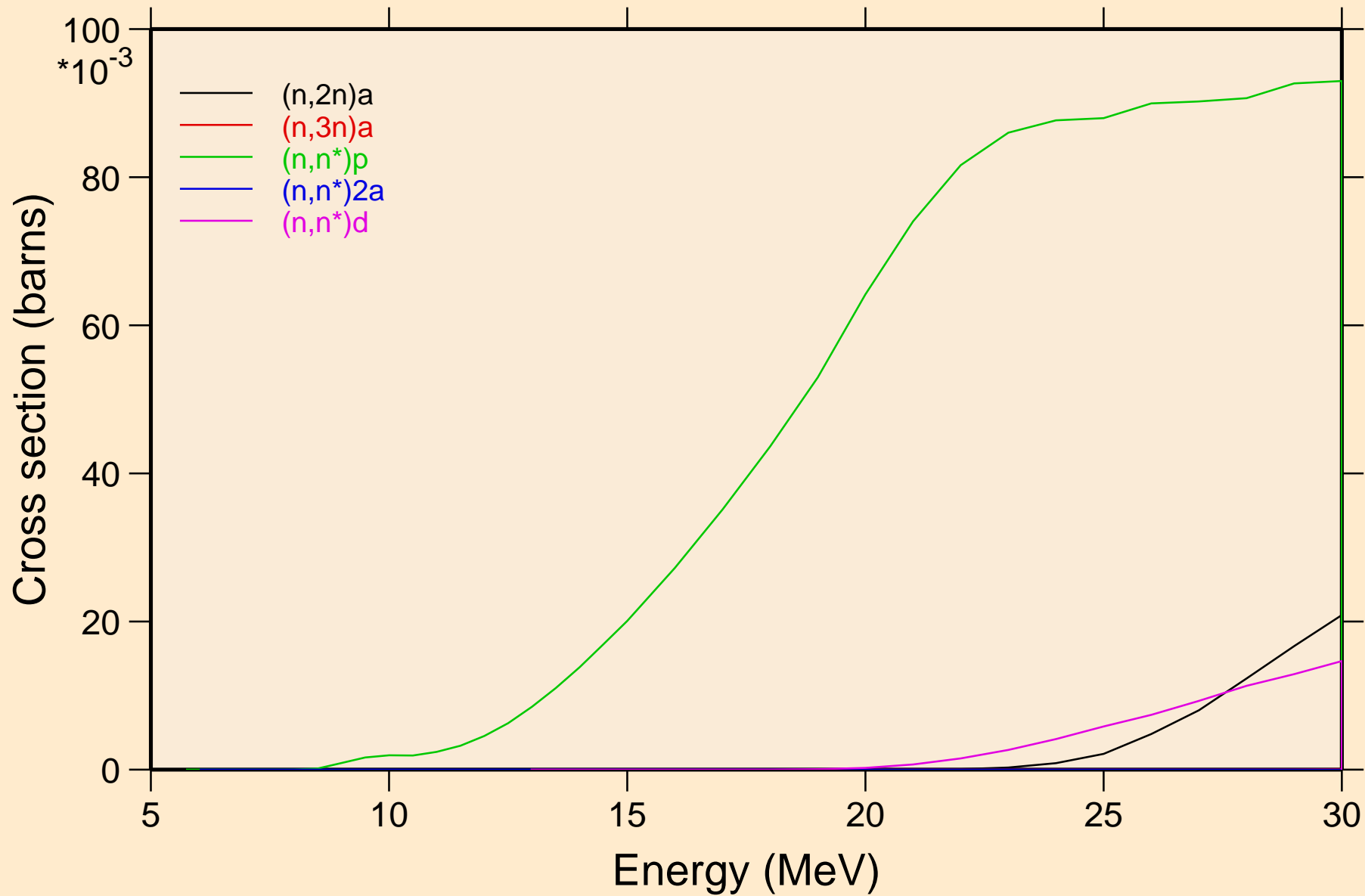
# IN113M NRG TENDL-2015, AKONING

## Threshold reactions



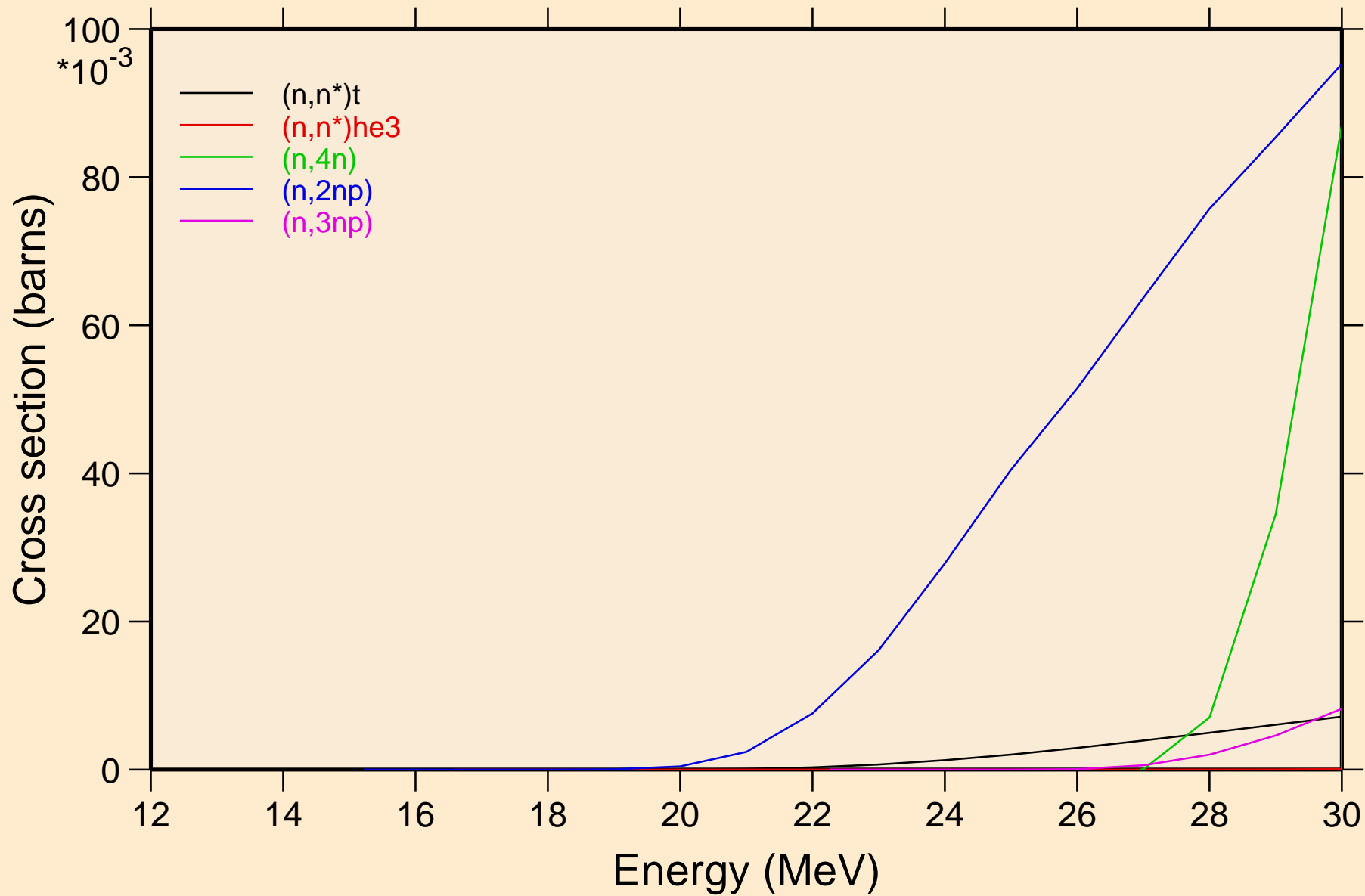
# IN113M NRG TENDL-2015, AKONING

## Threshold reactions



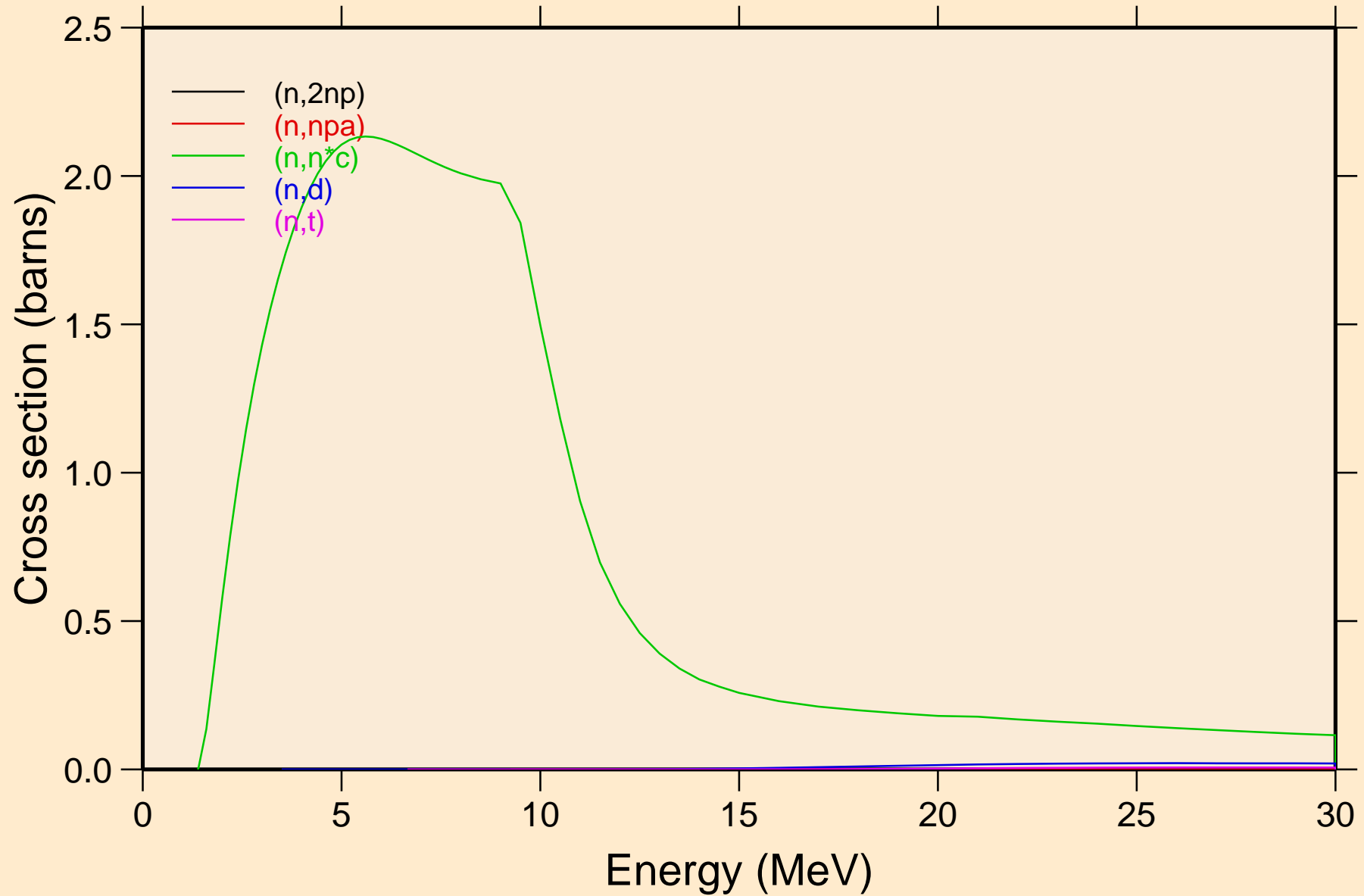
# IN113M NRG TENDL-2015, AKONING

## Threshold reactions



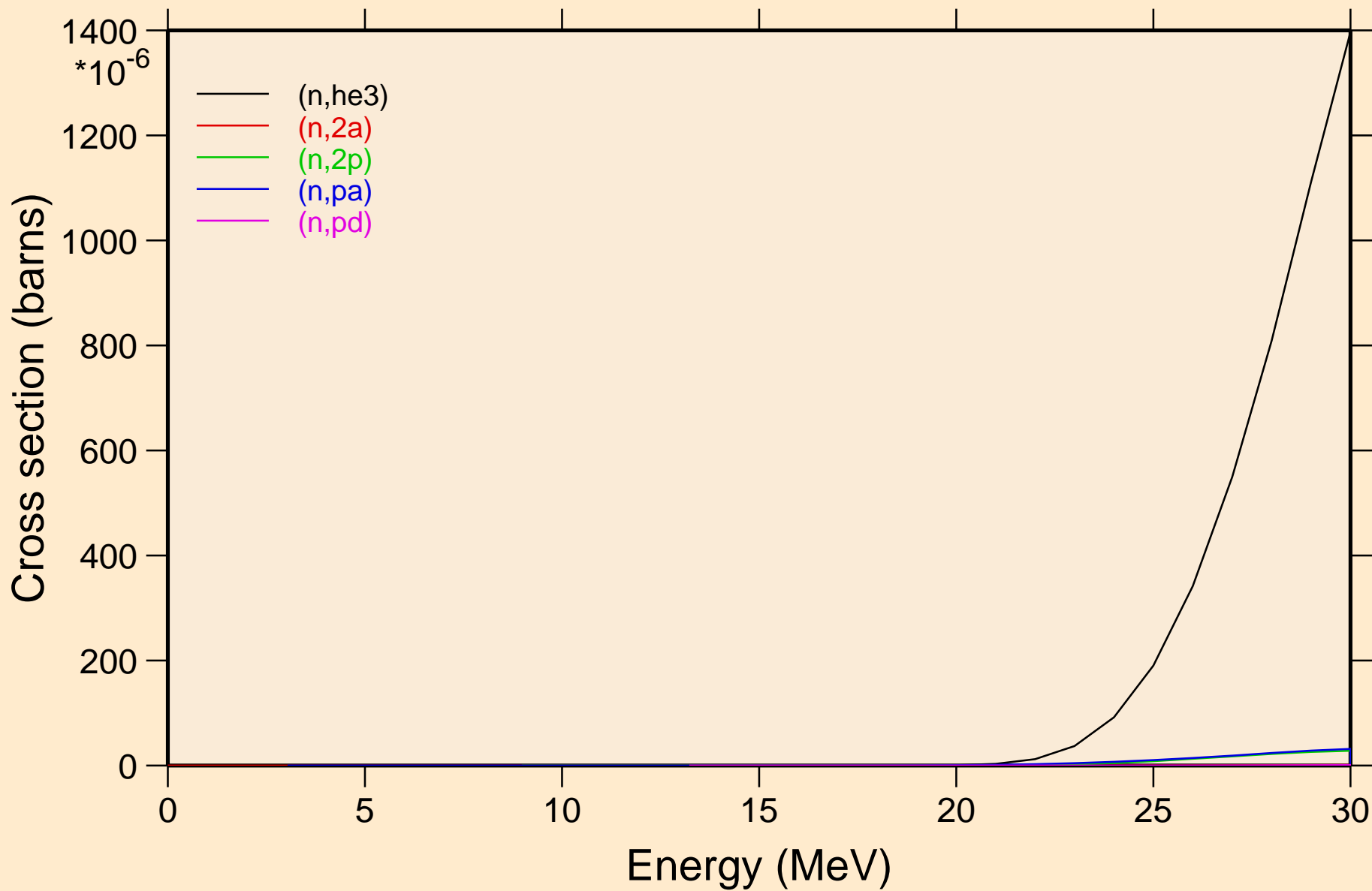
# IN113M NRG TENDL-2015, AKONING

## Threshold reactions



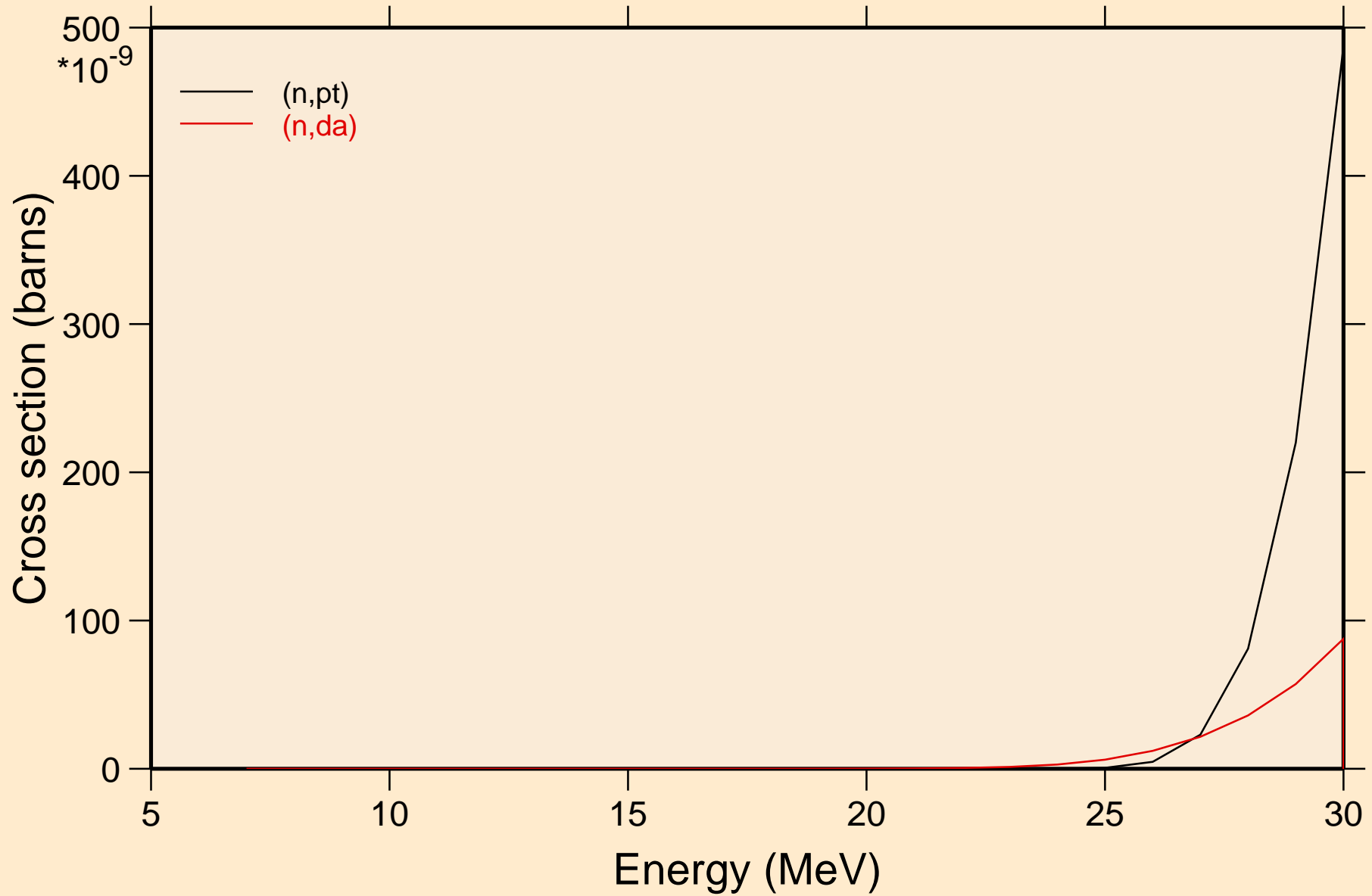
# IN113M NRG TENDL-2015, AKONING

## Threshold reactions

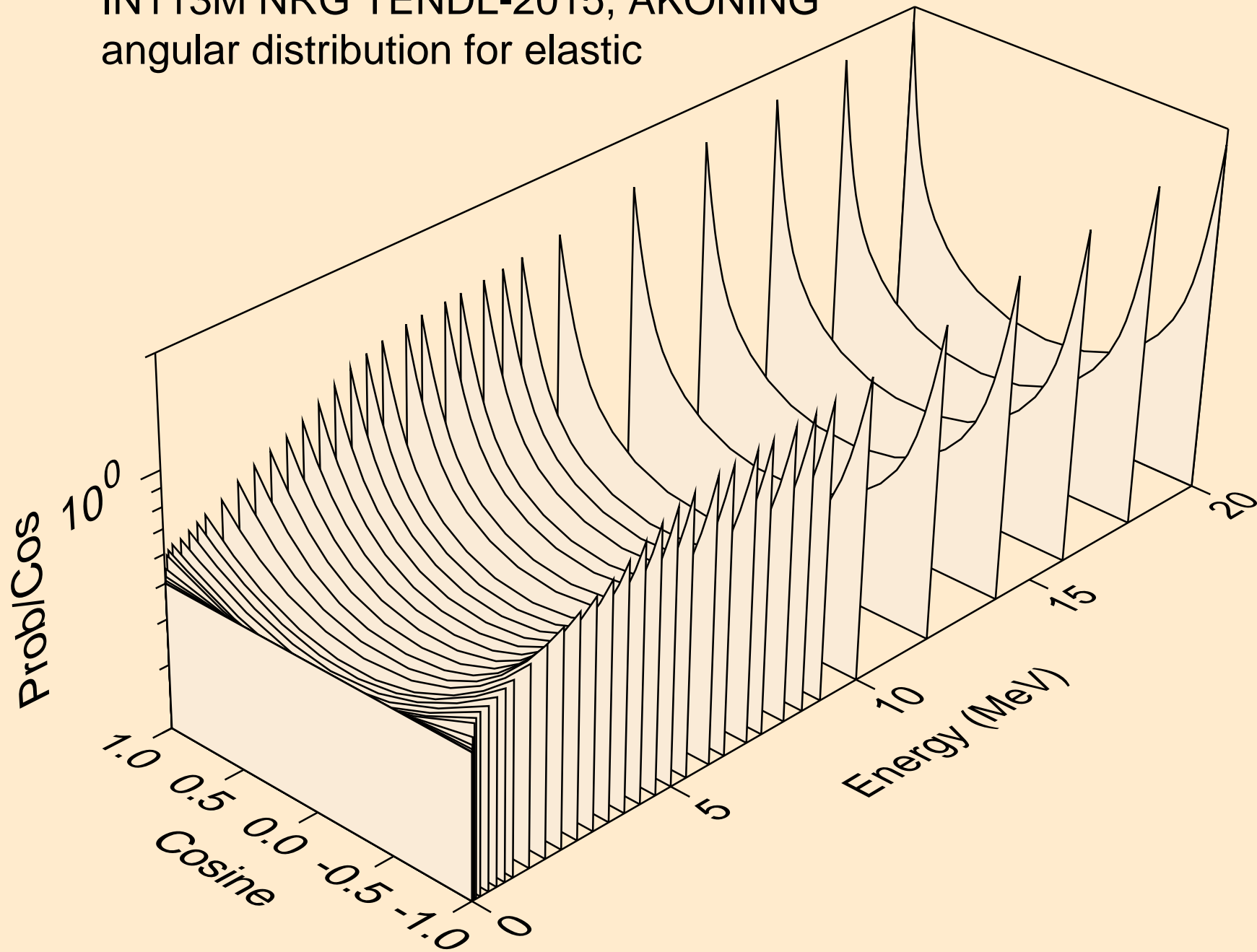


# IN113M NRG TENDL-2015, AKONING

## Threshold reactions

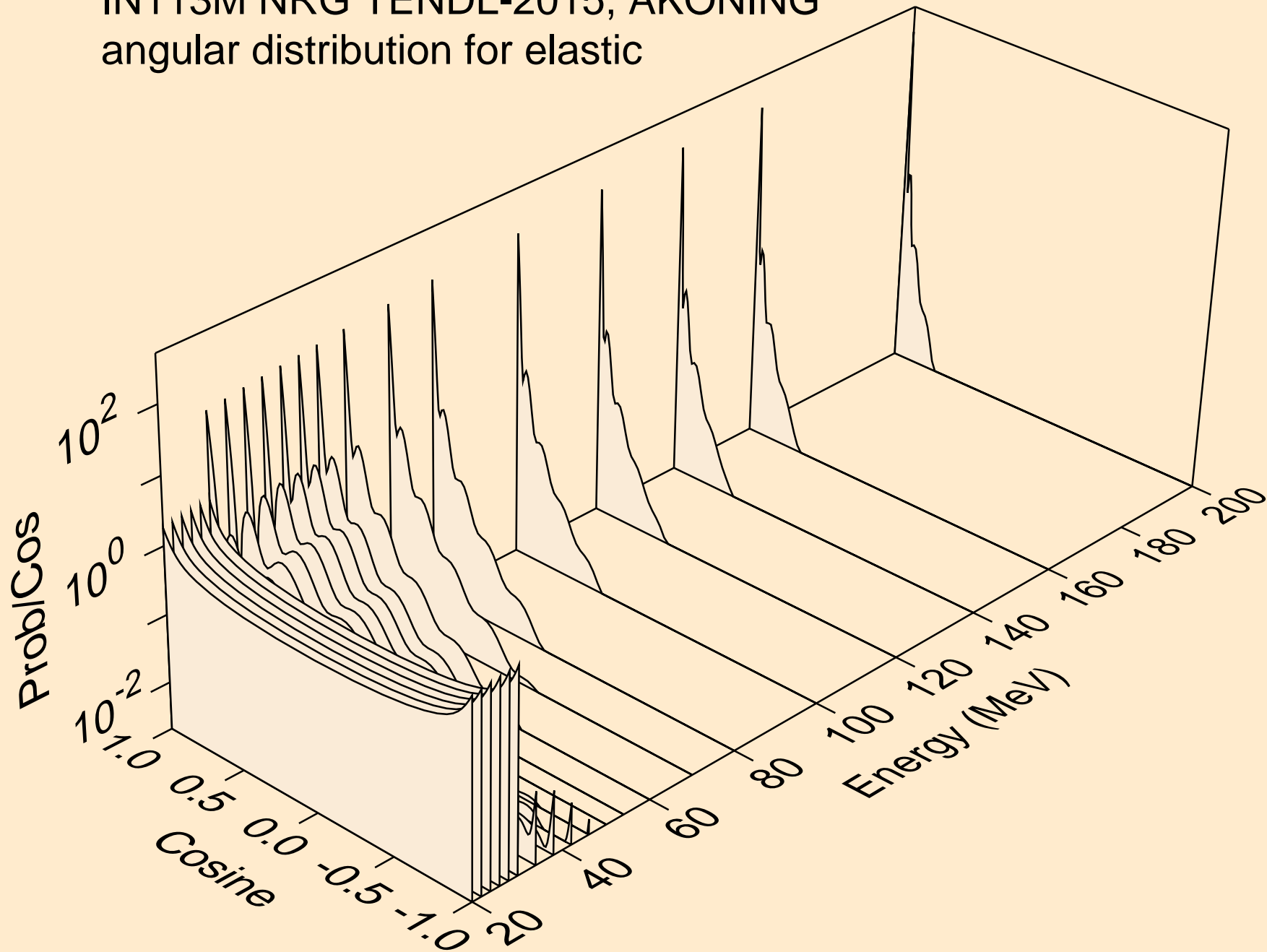


IN113M NRG TENDL-2015, AKONING  
angular distribution for elastic

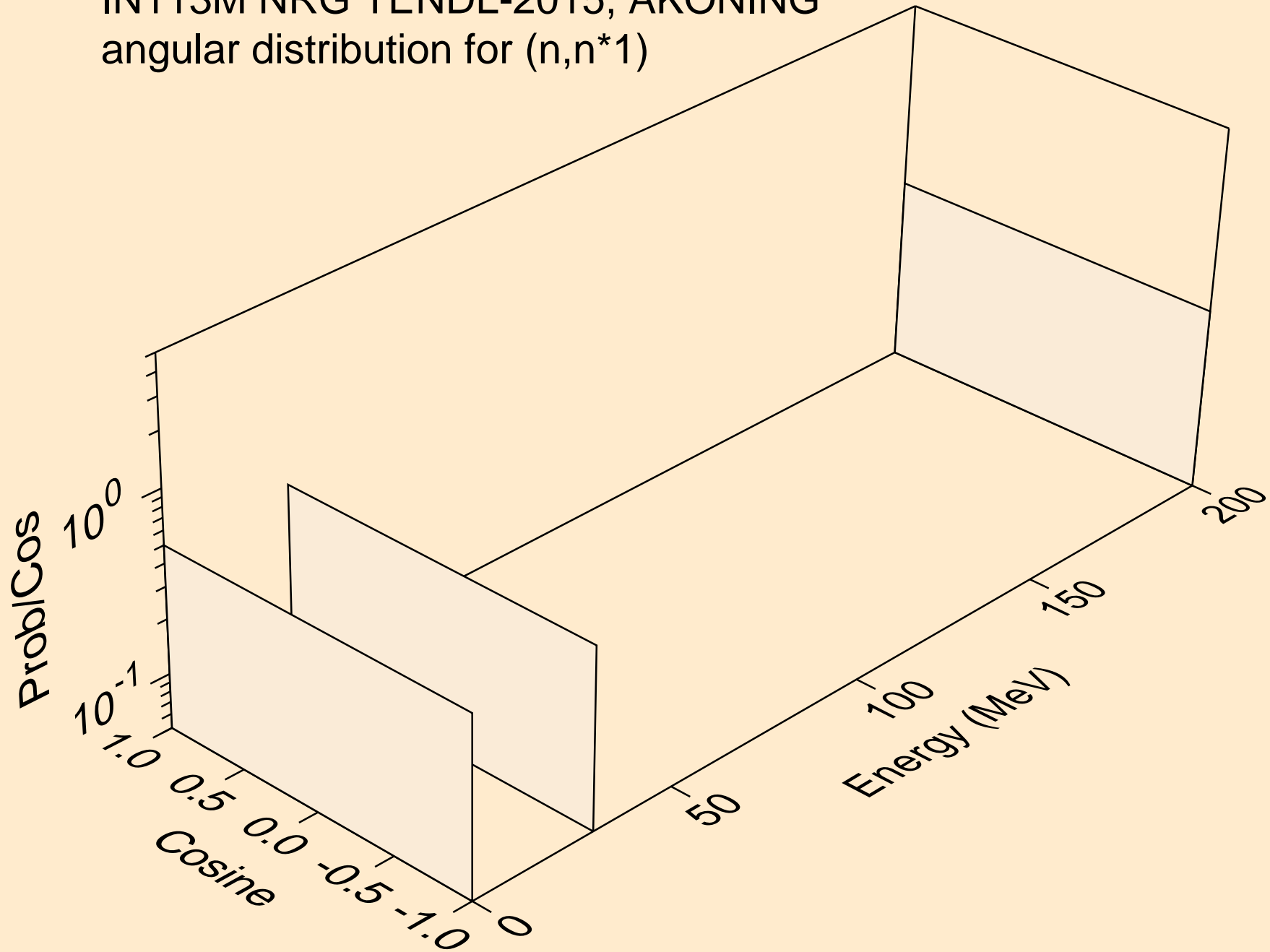




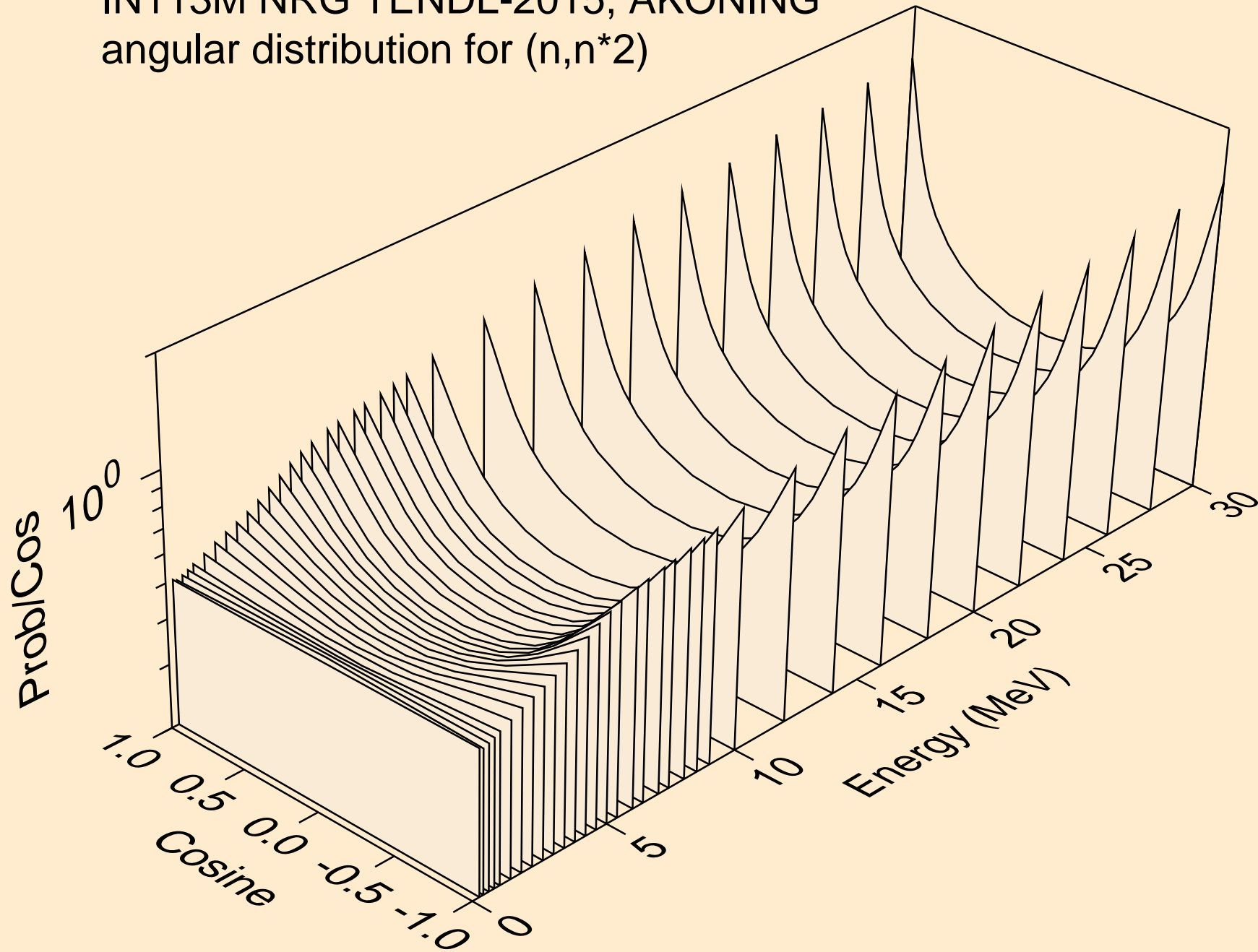
IN113M NRG TENDL-2015, AKONING  
angular distribution for elastic



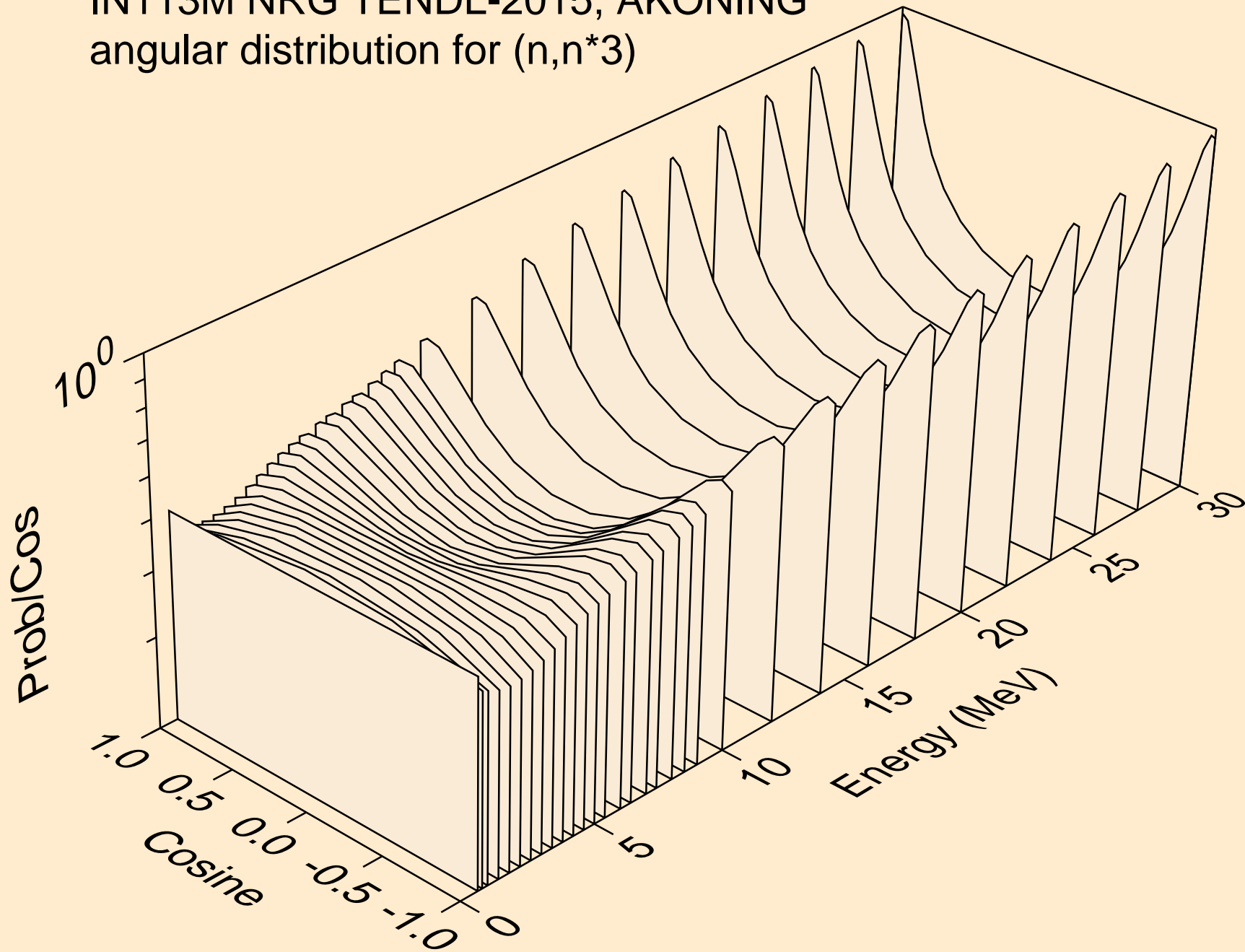
IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



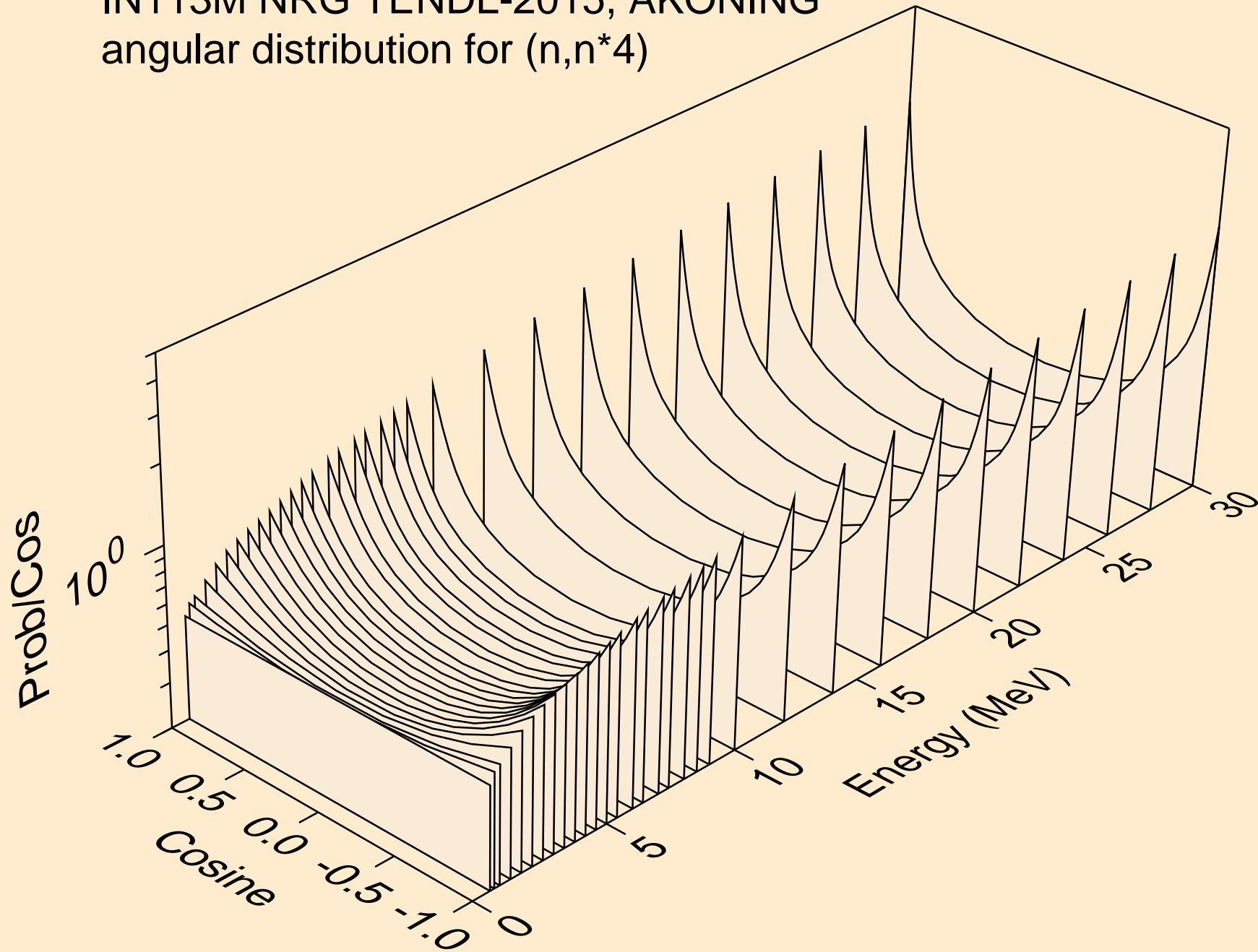
IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



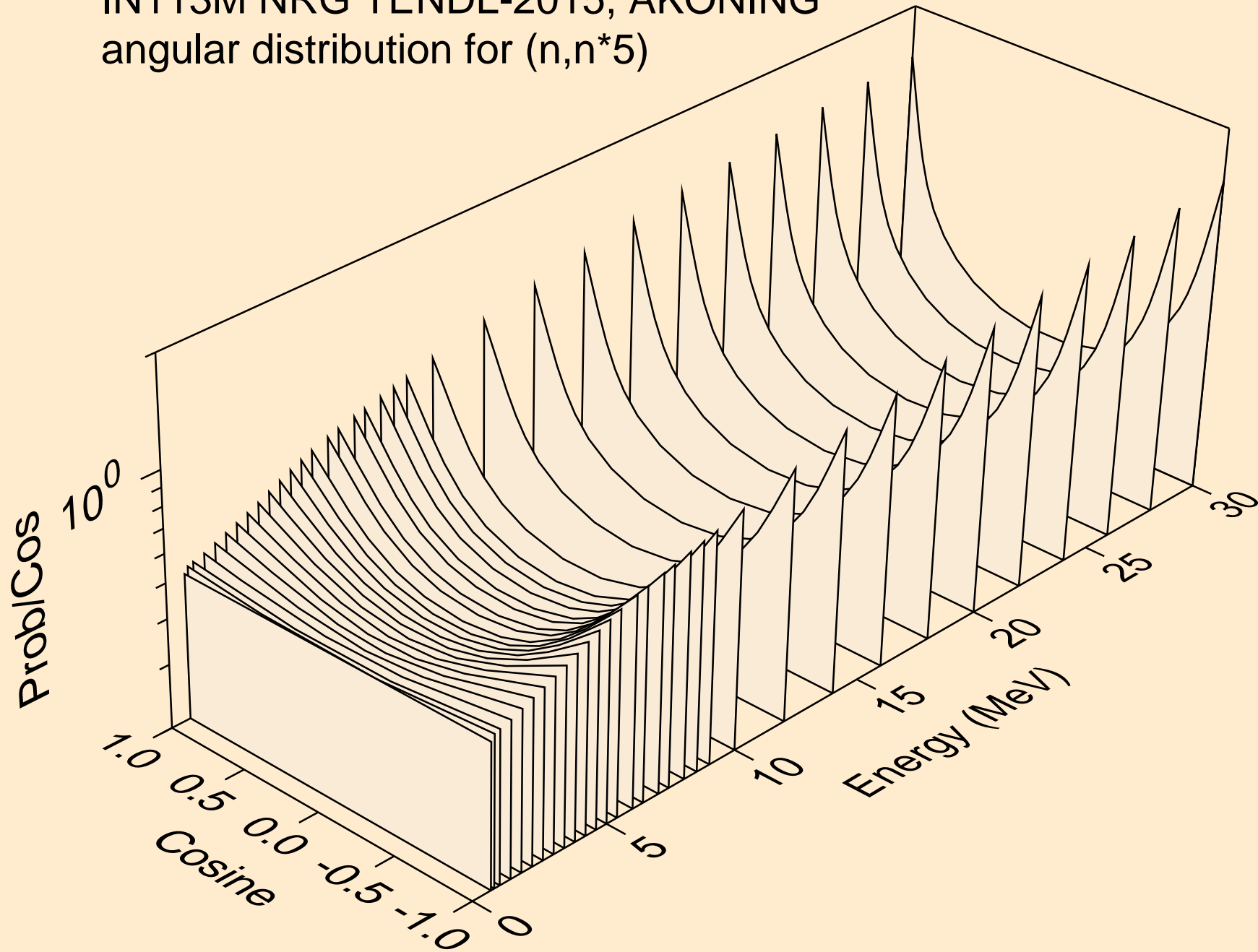
IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



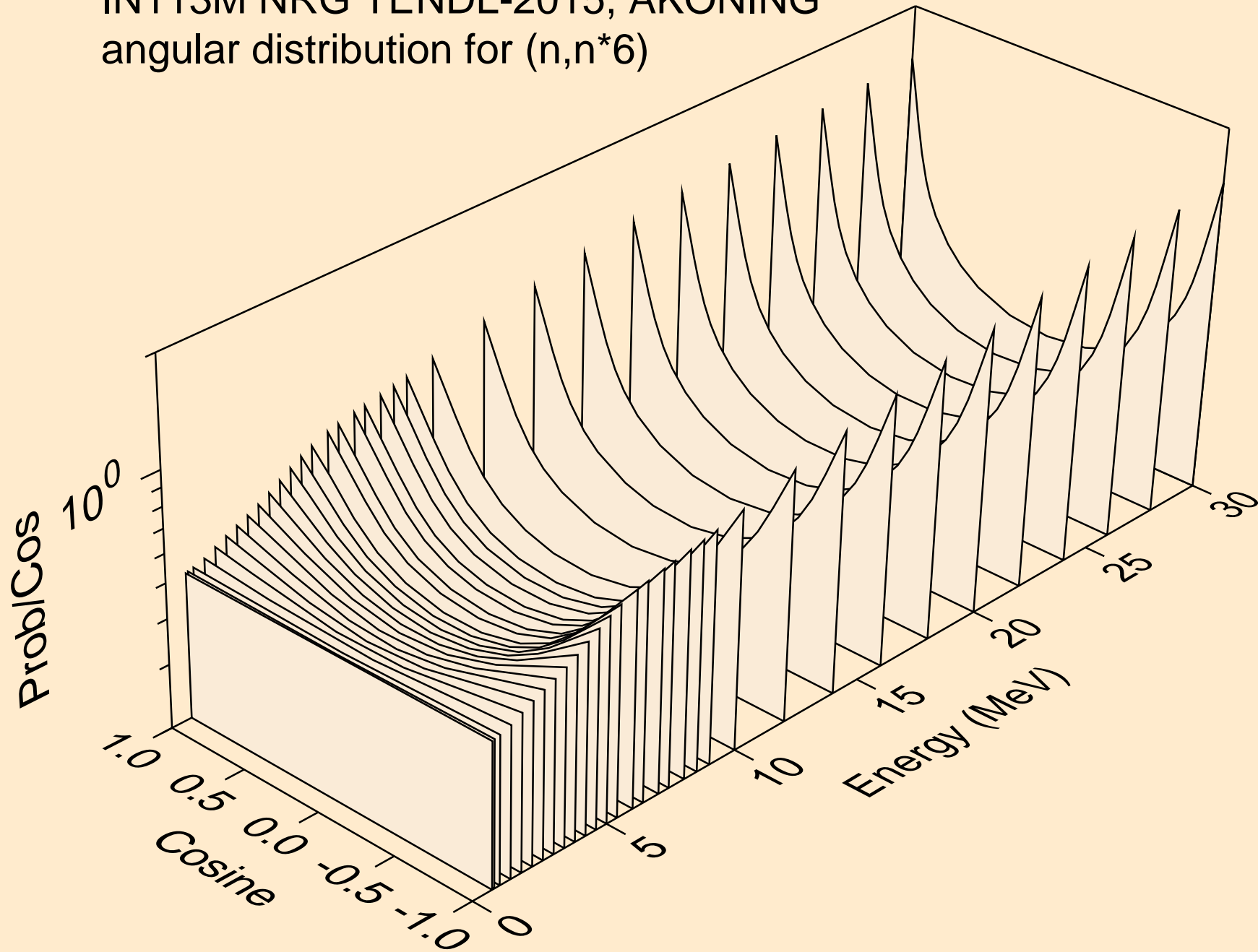
IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



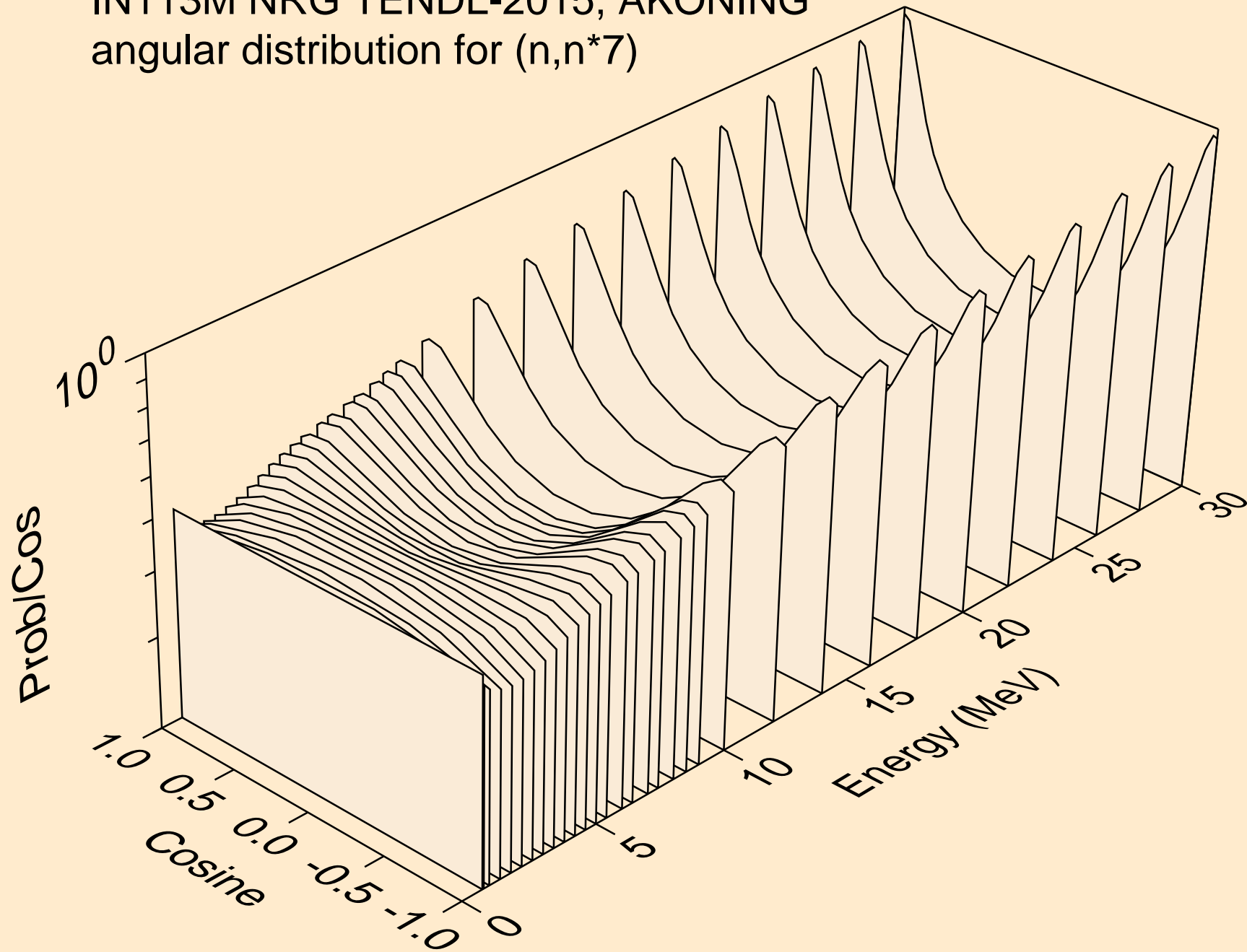
IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

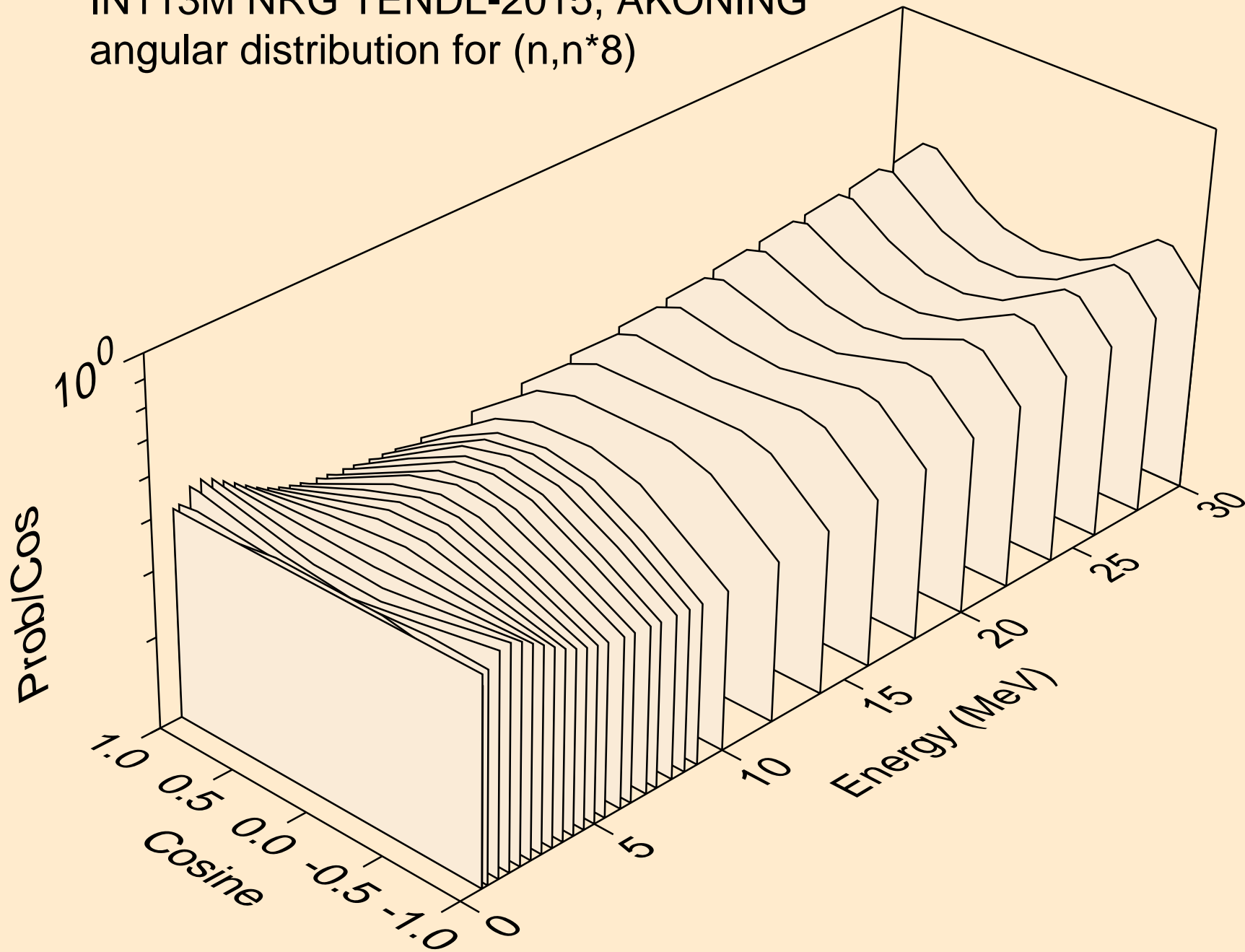


IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

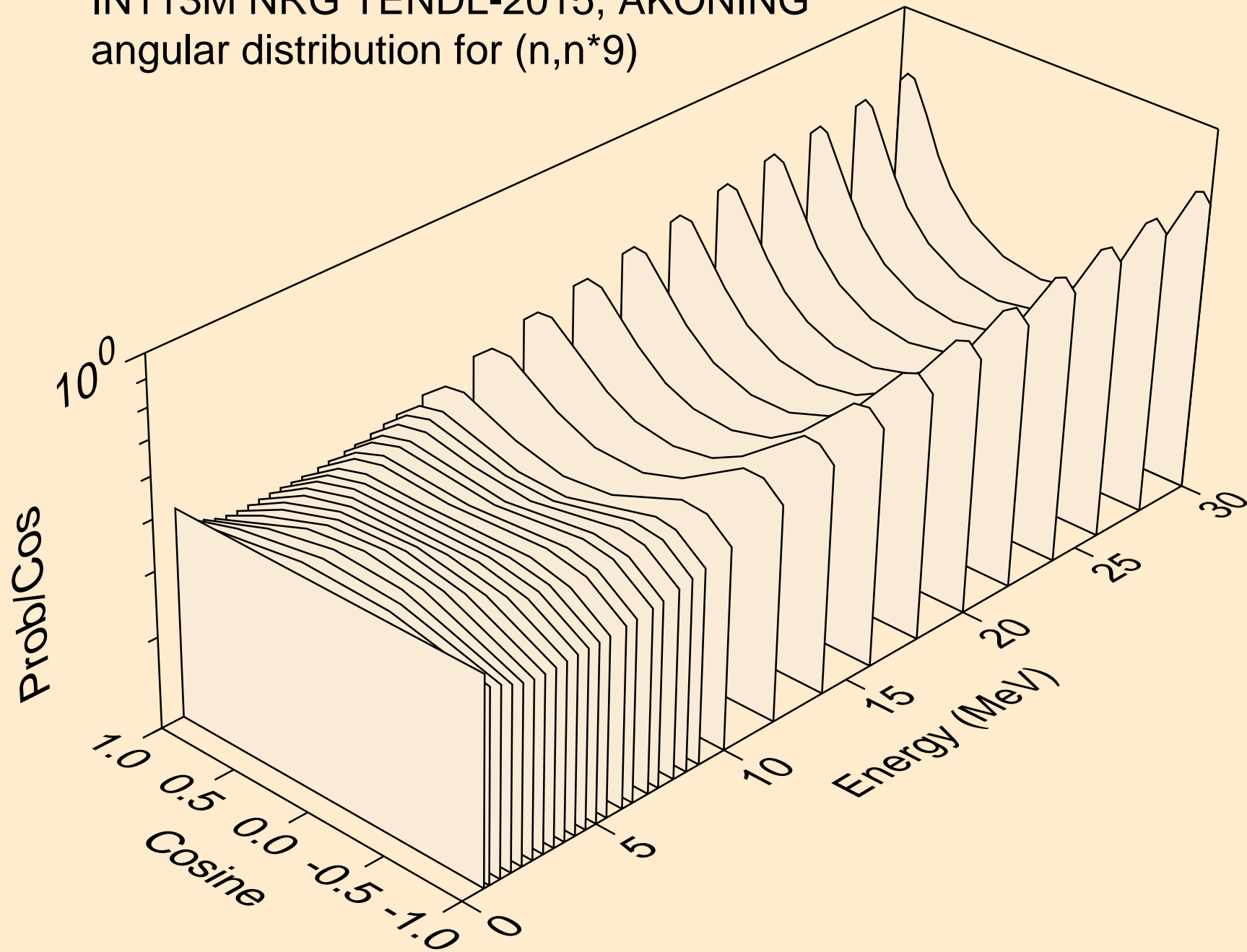




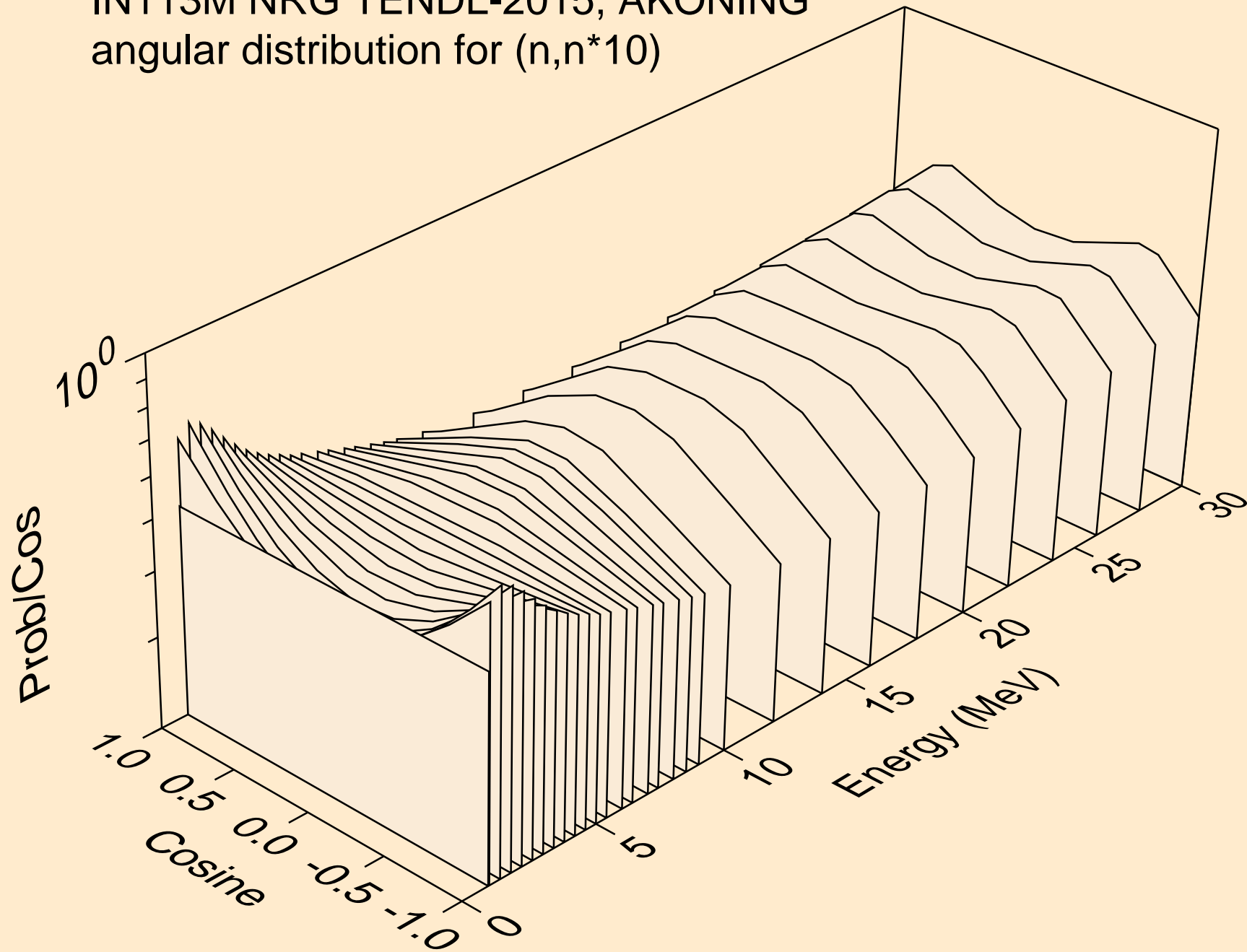
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angular distribution for (n,n\*8)



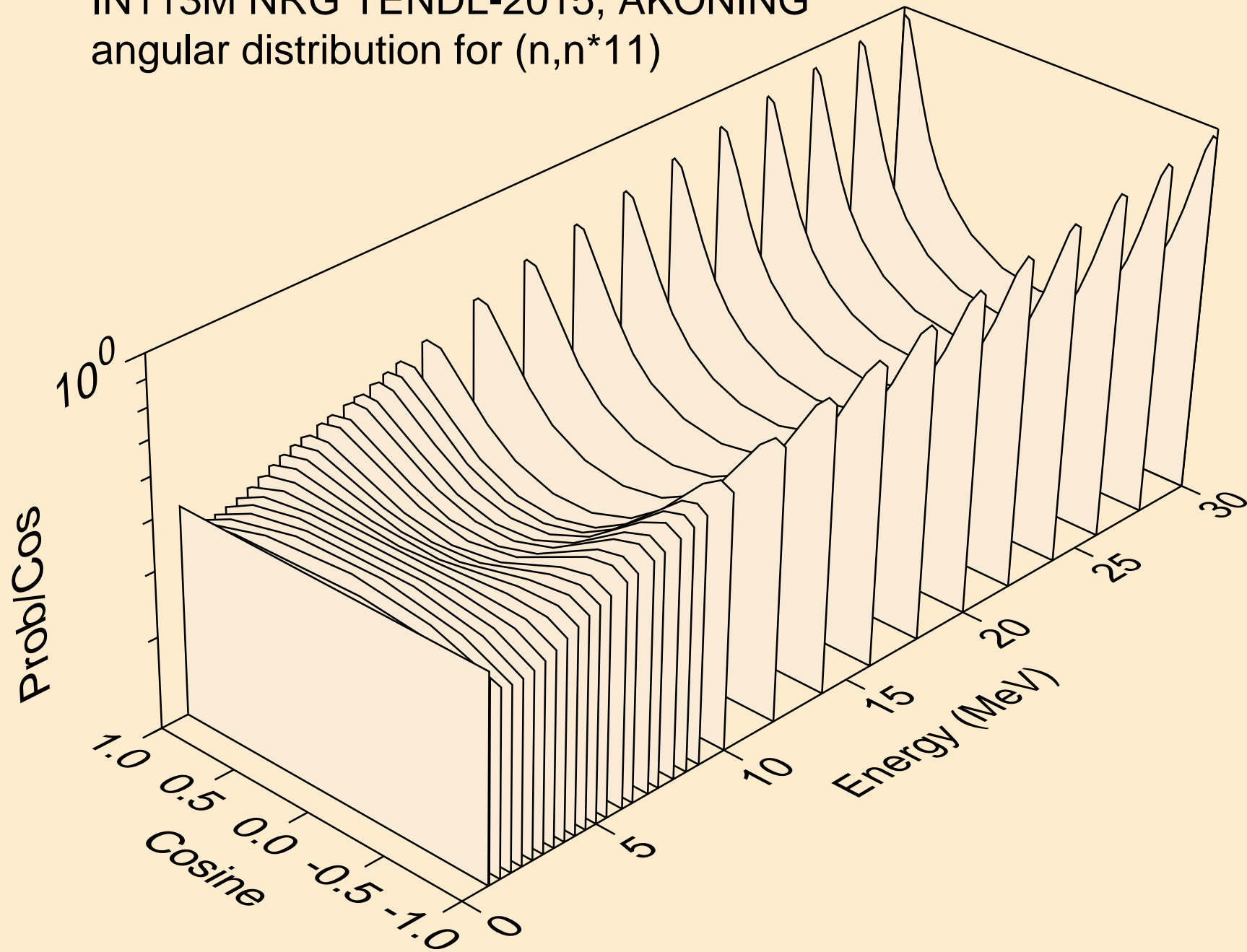
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angular distribution for (n,n\*9)



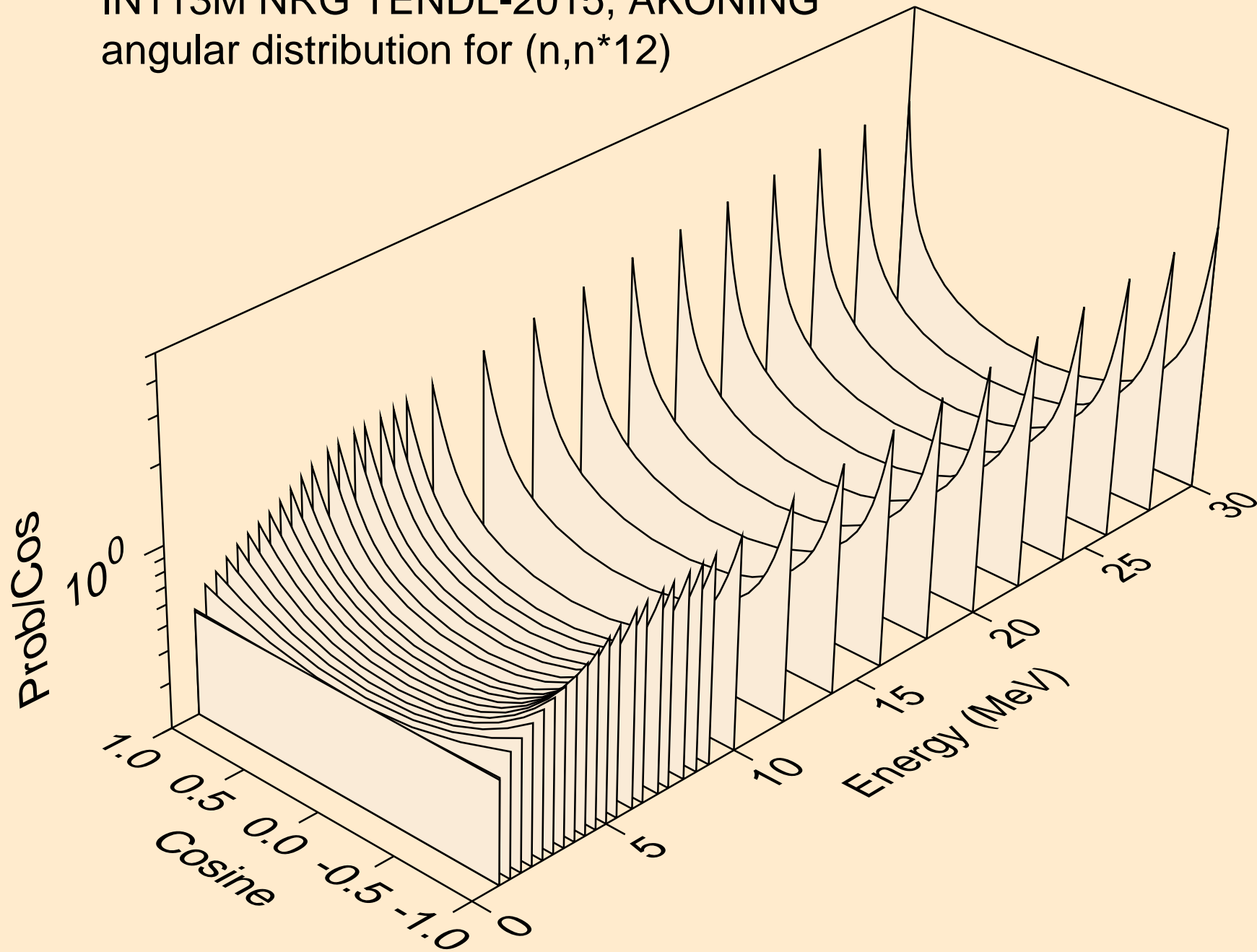
IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



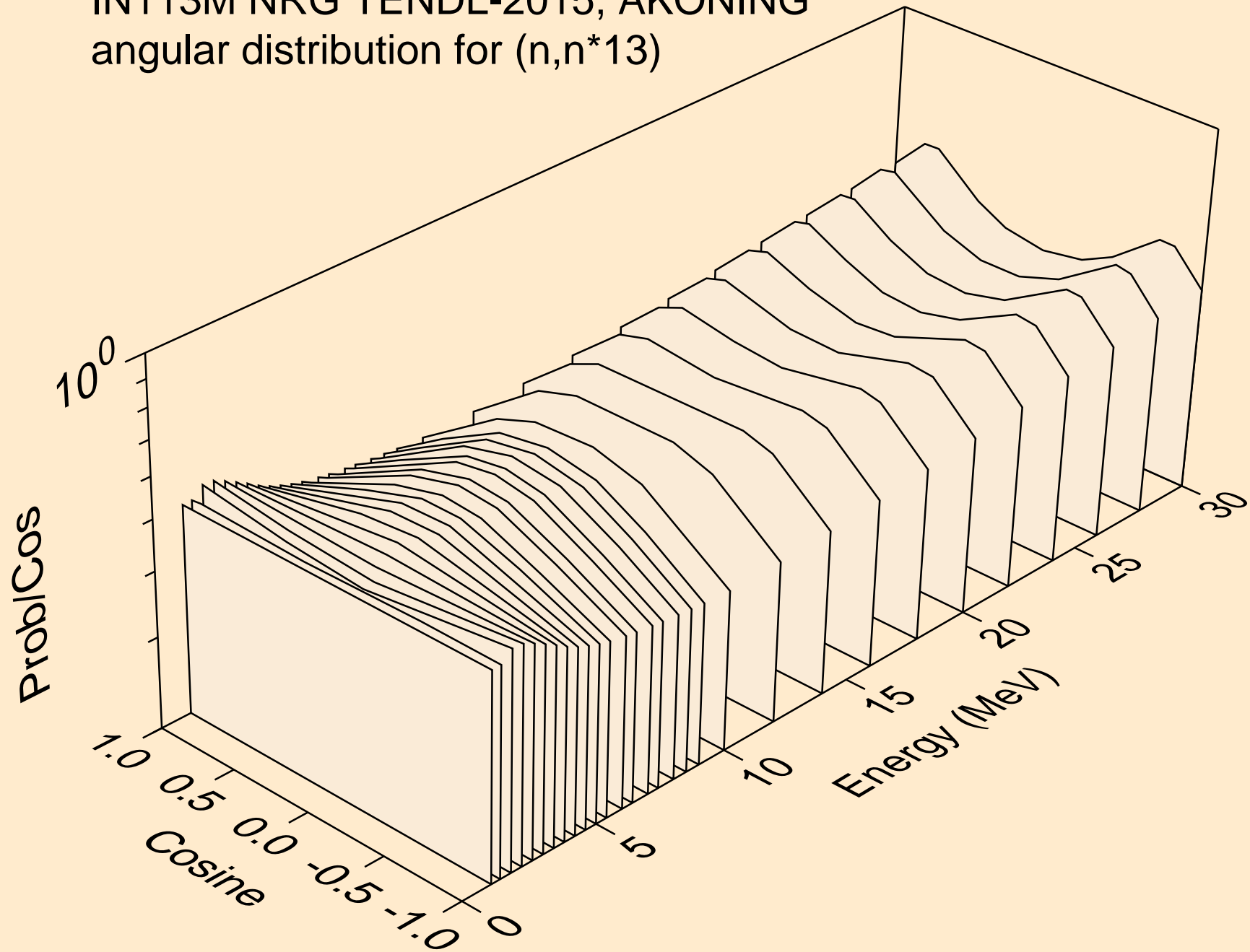
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angular distribution for (n,n\*11)



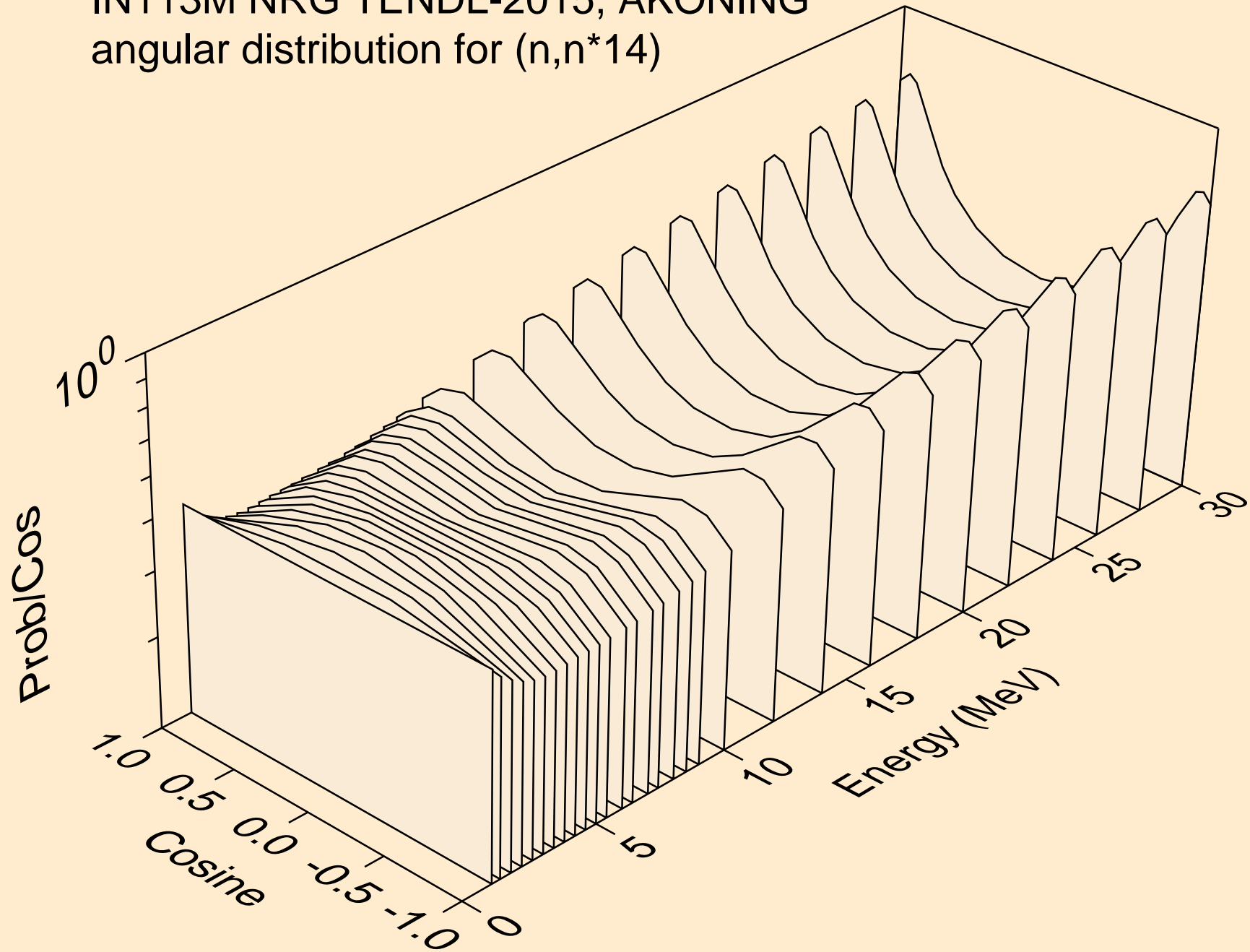
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angular distribution for (n,n\*12)



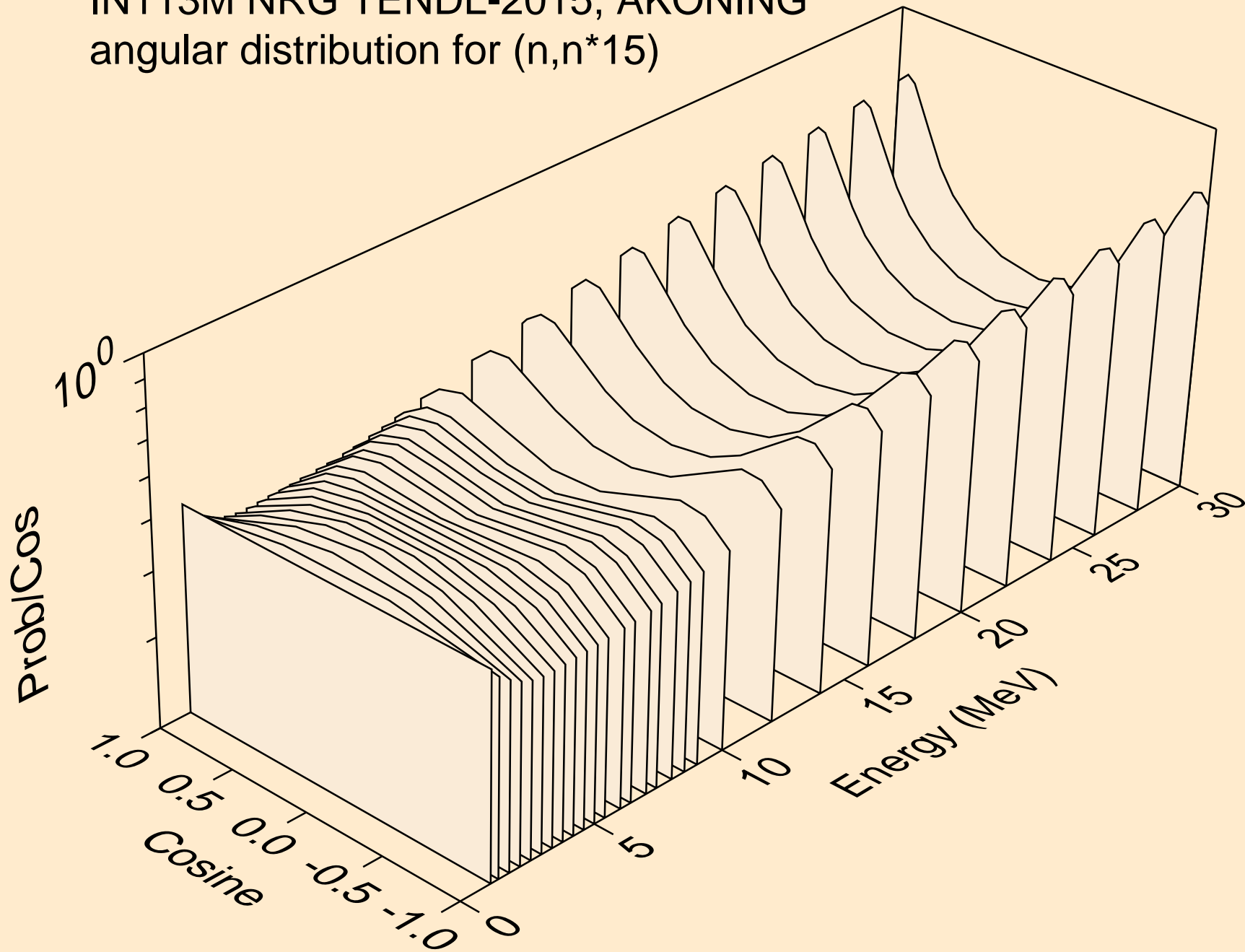
IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

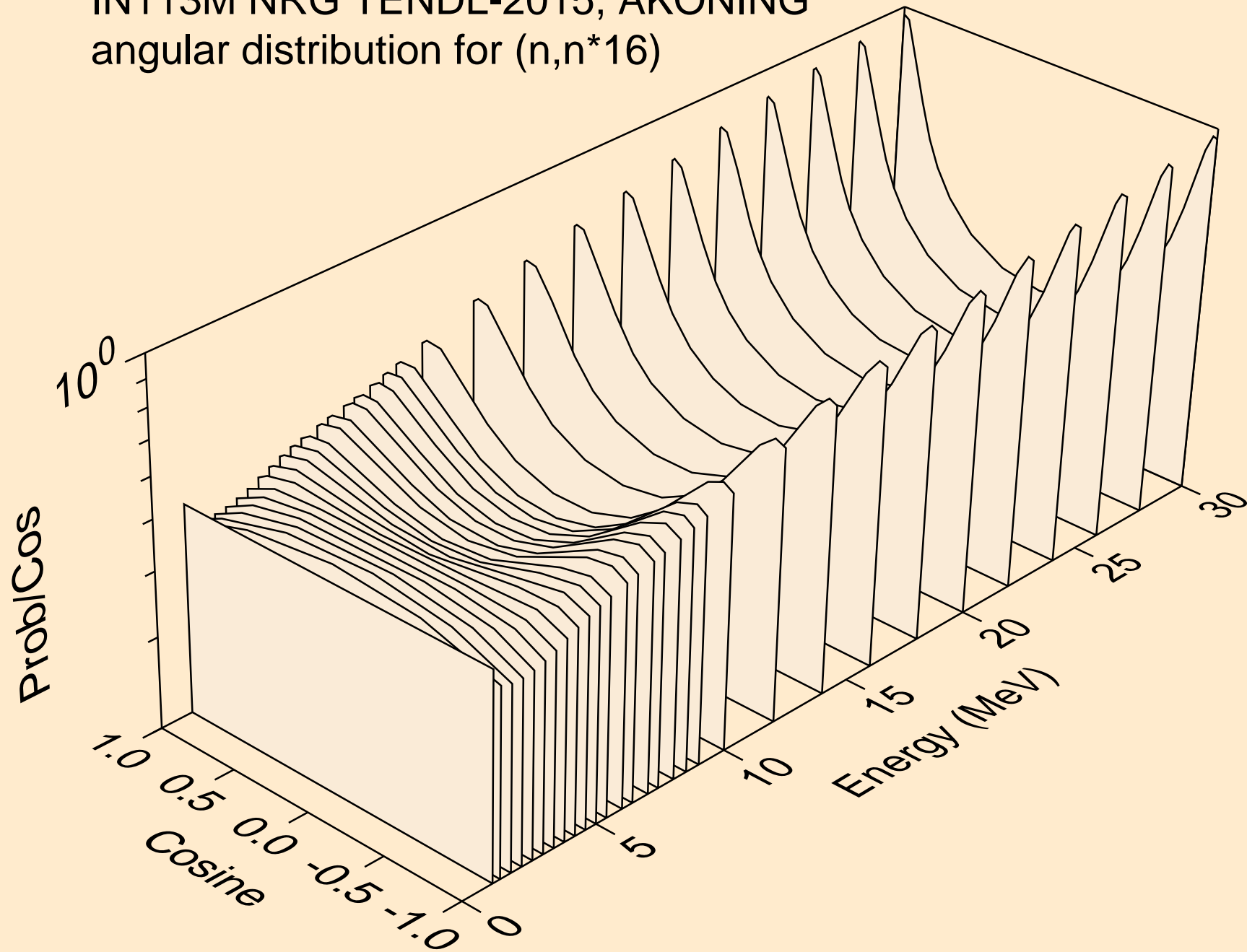


IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

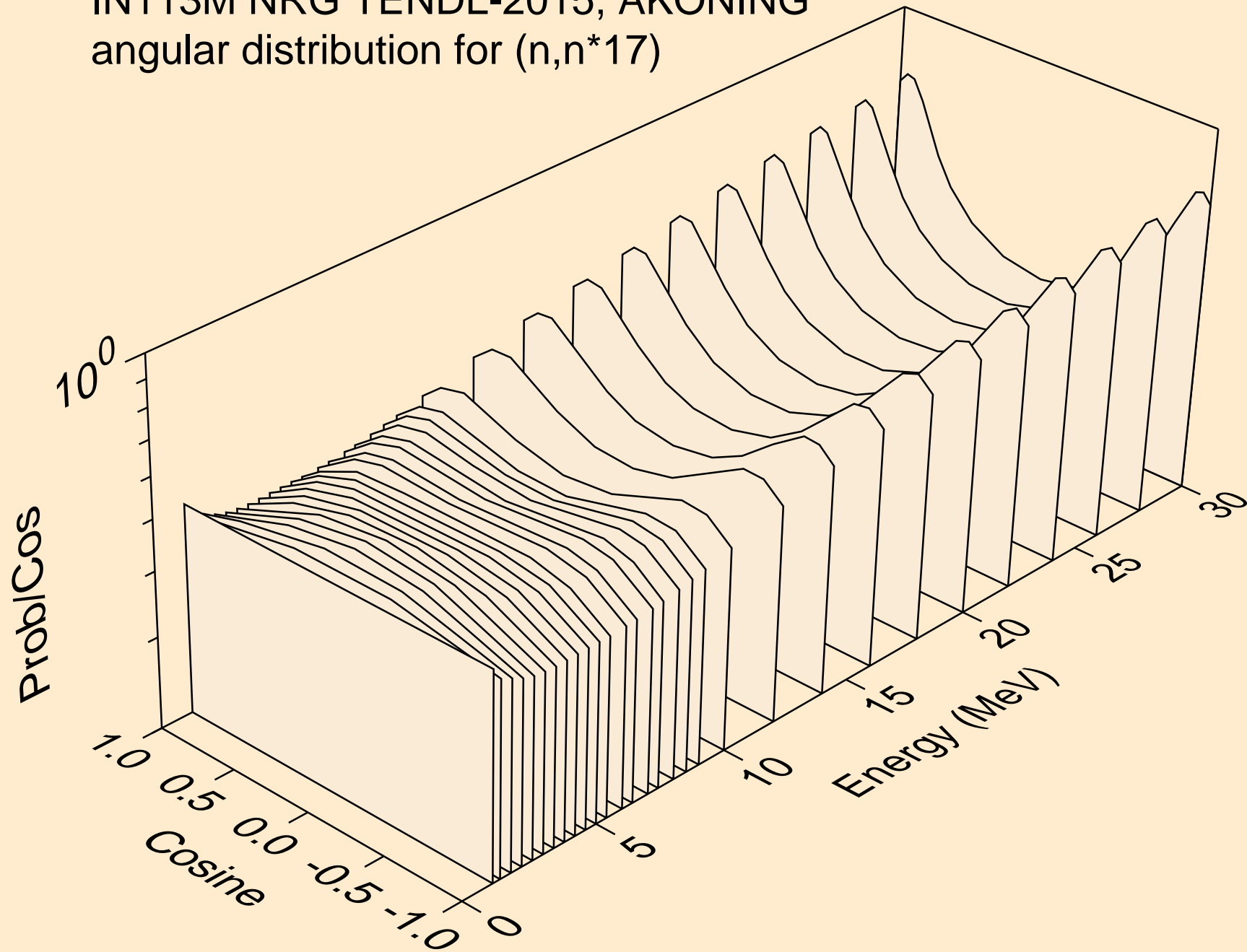




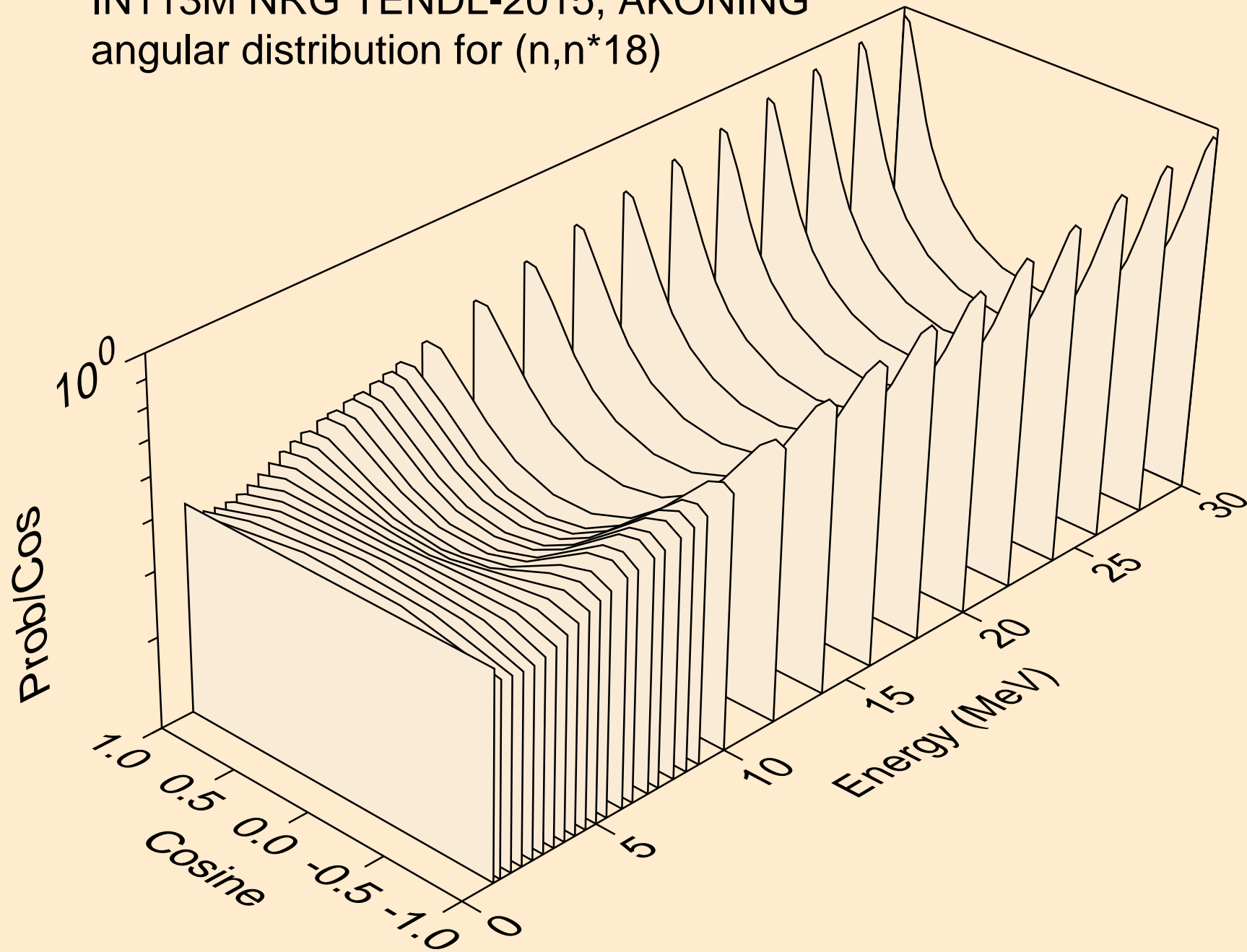
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angular distribution for (n,n\*16)



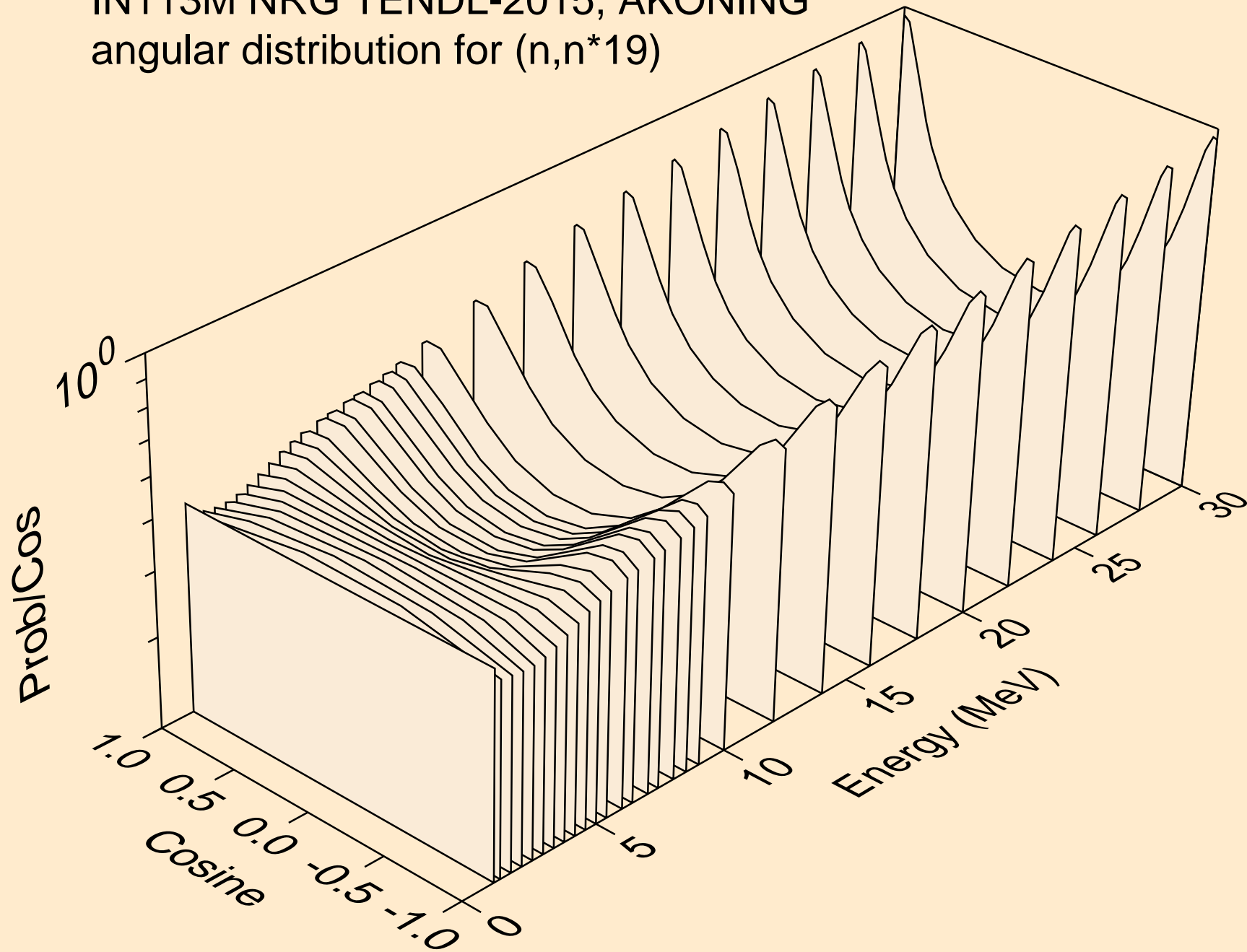
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angular distribution for (n,n\*17)



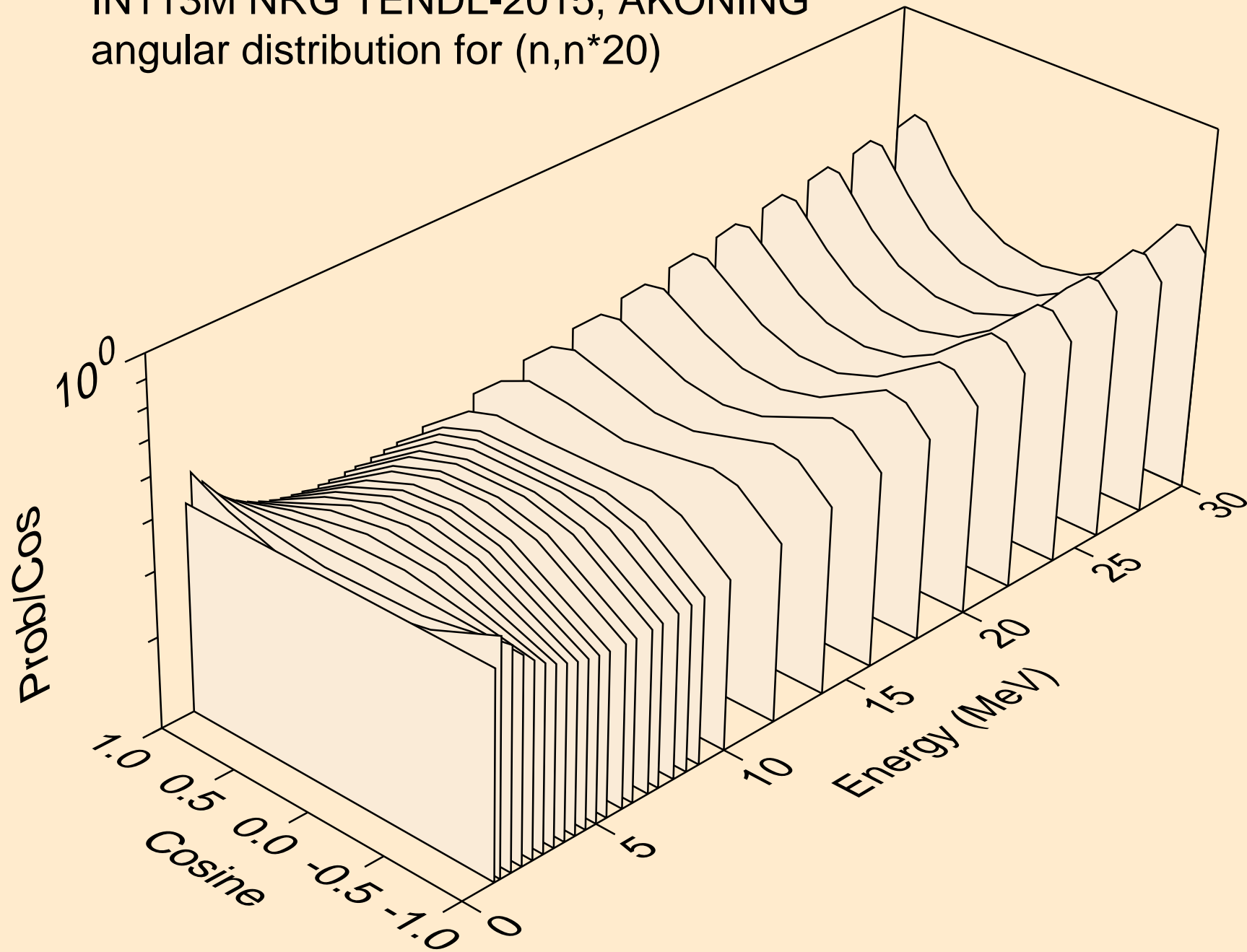
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angular distribution for (n,n\*18)



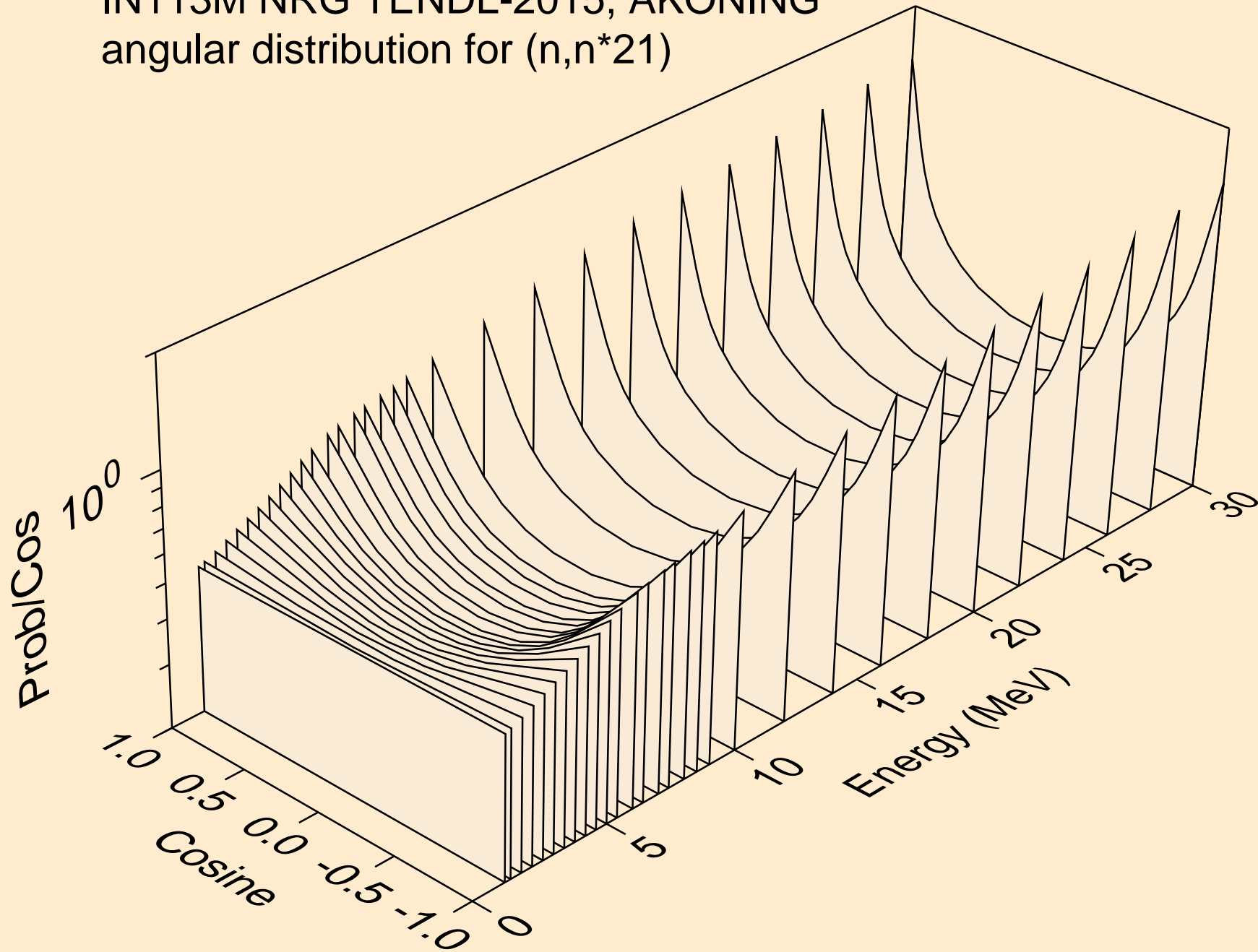
IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



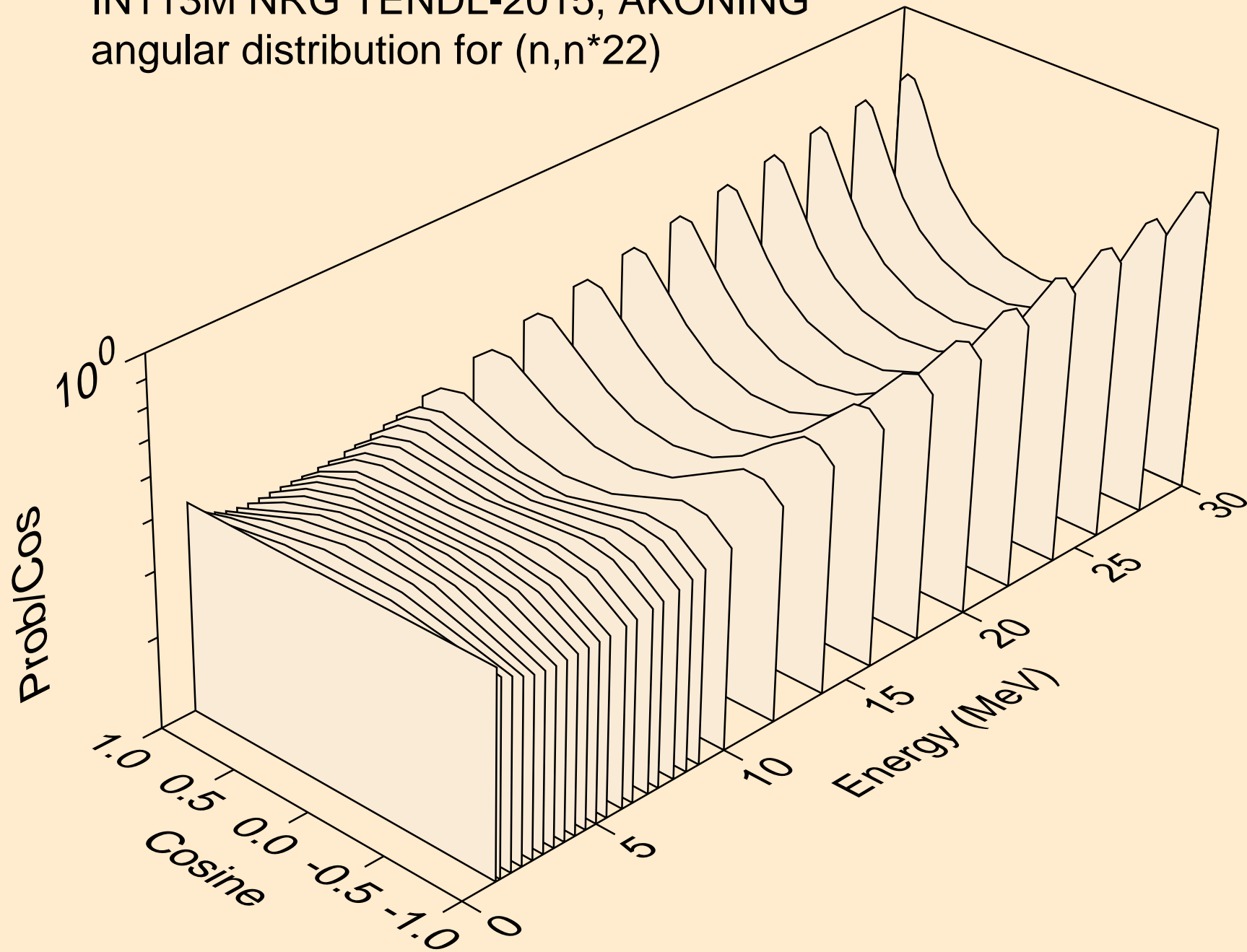
IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



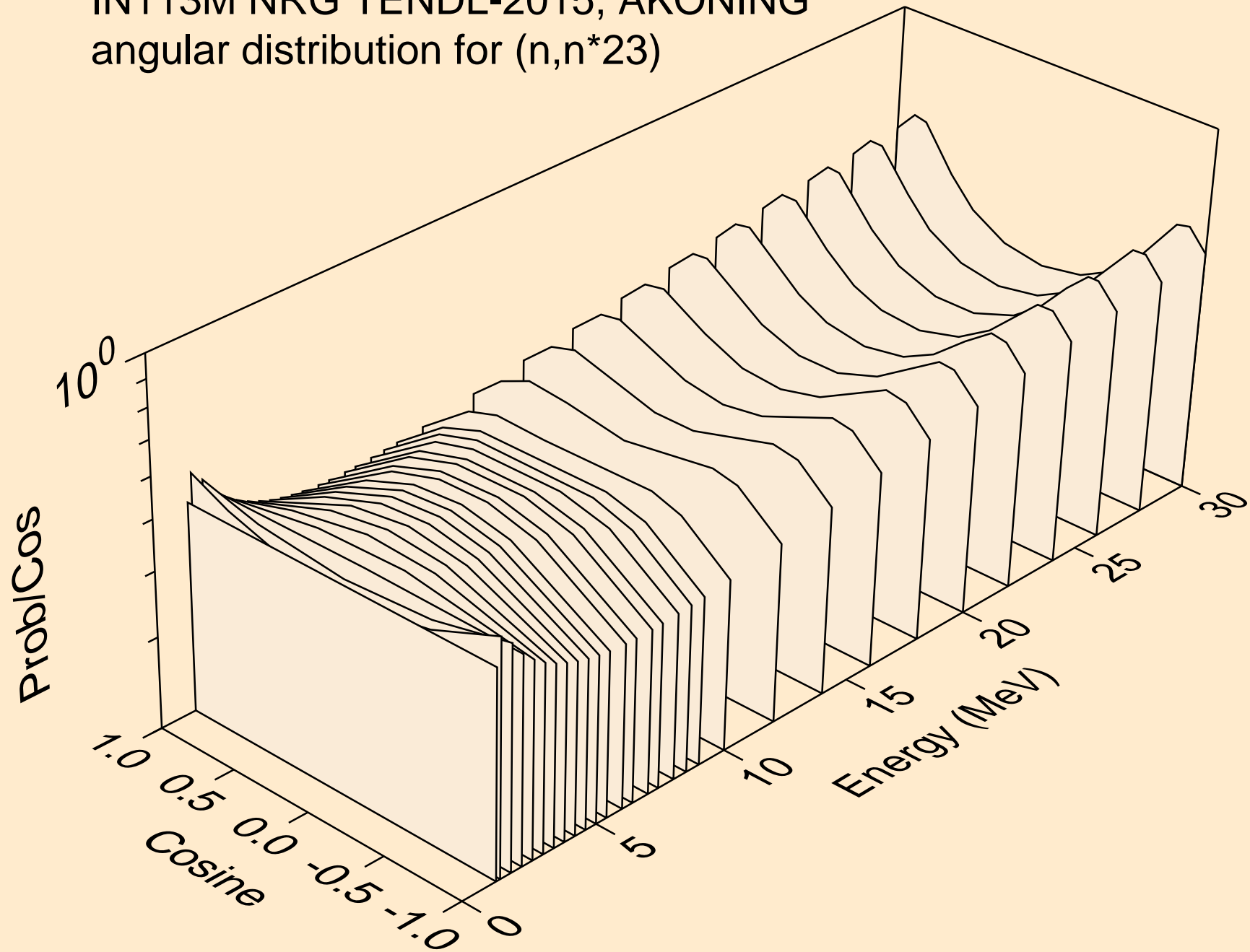
IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

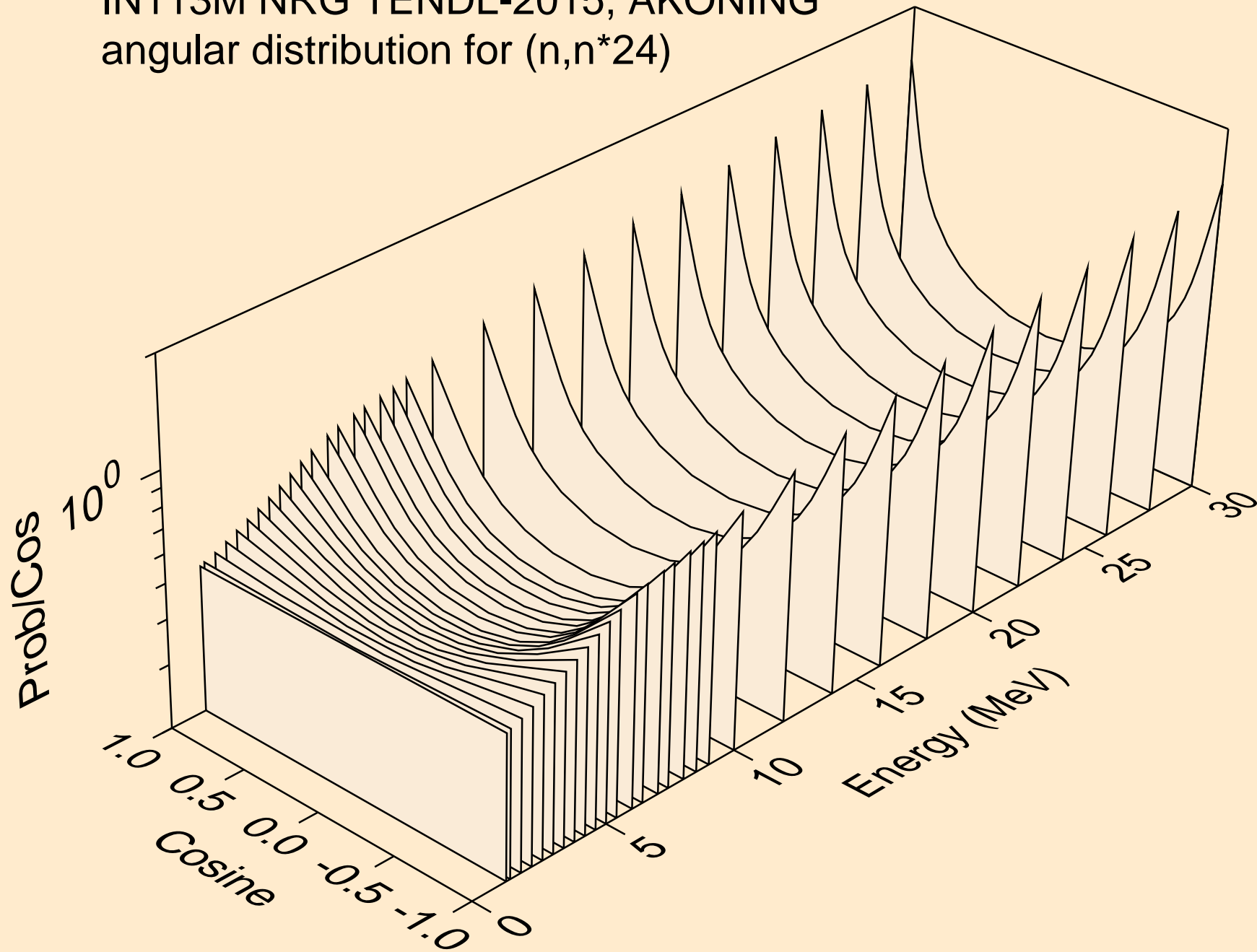


IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

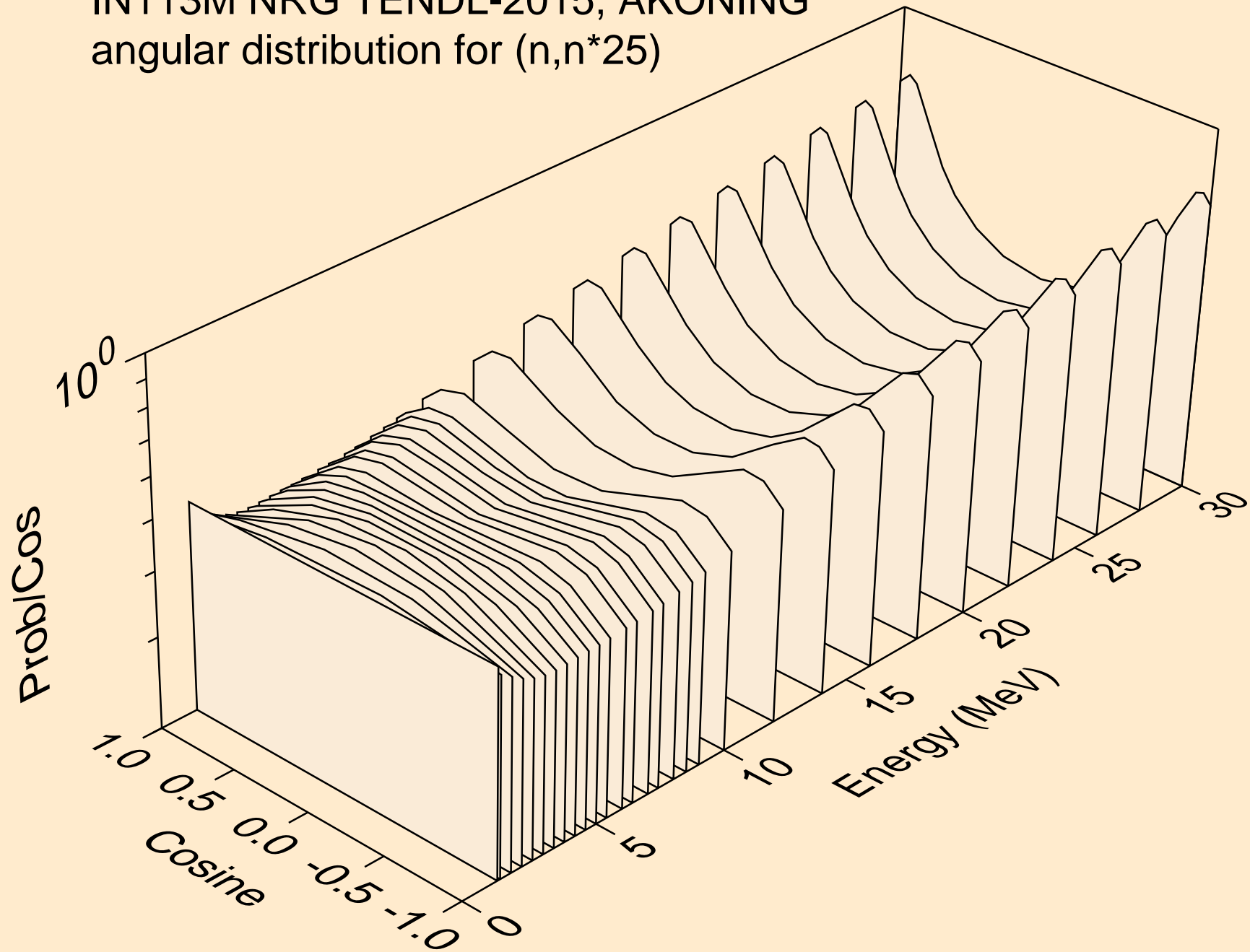




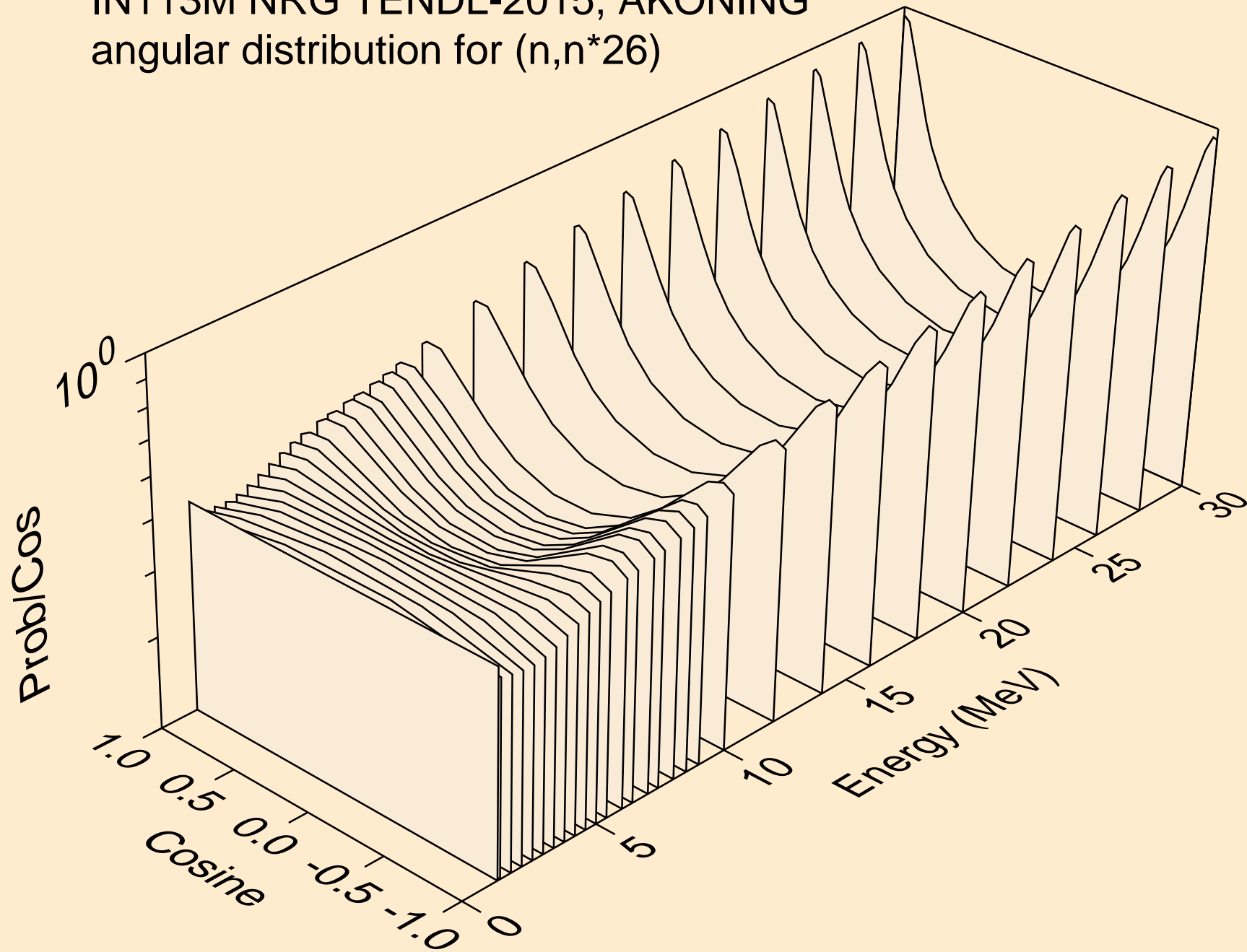
IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



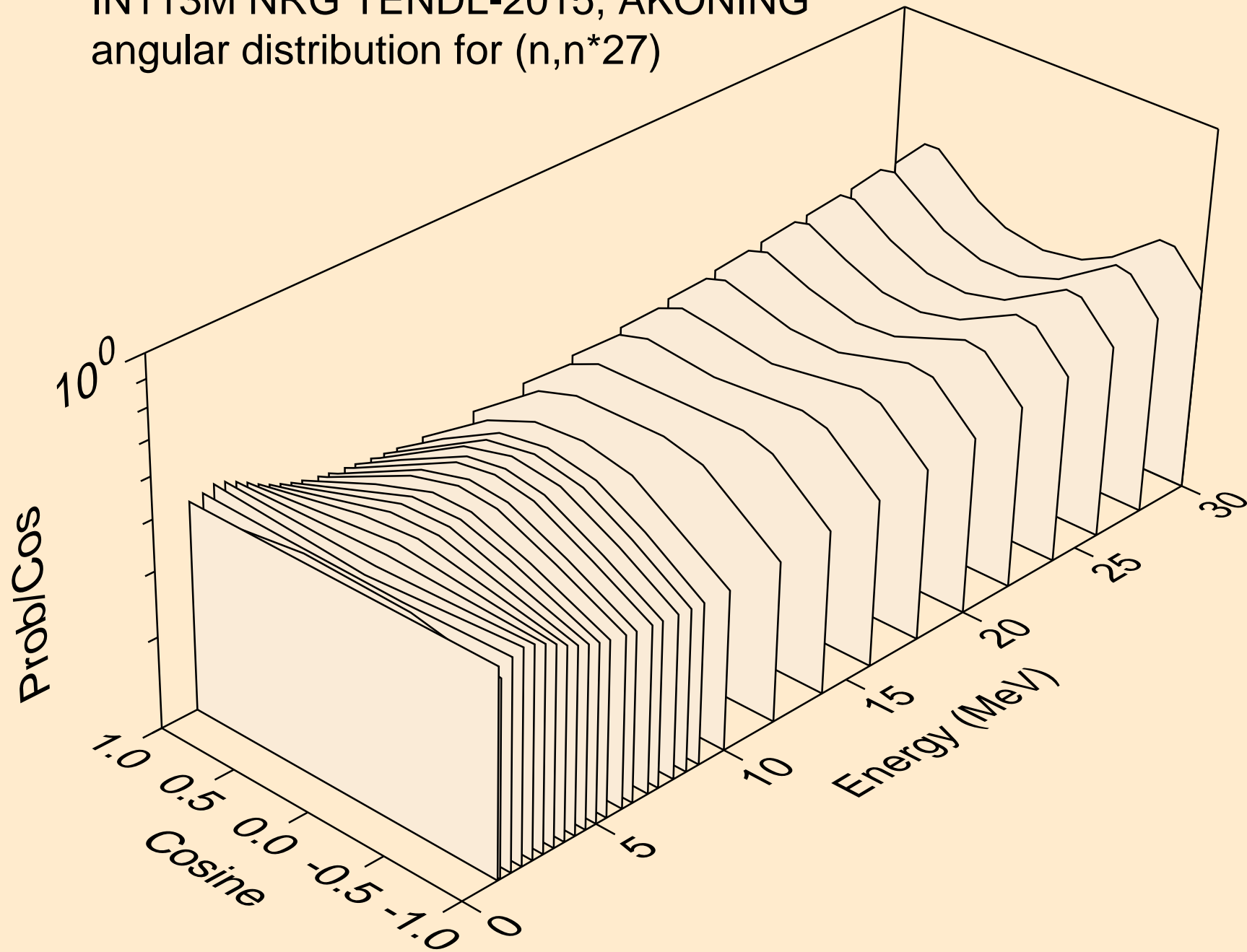
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angular distribution for (n,n\*25)



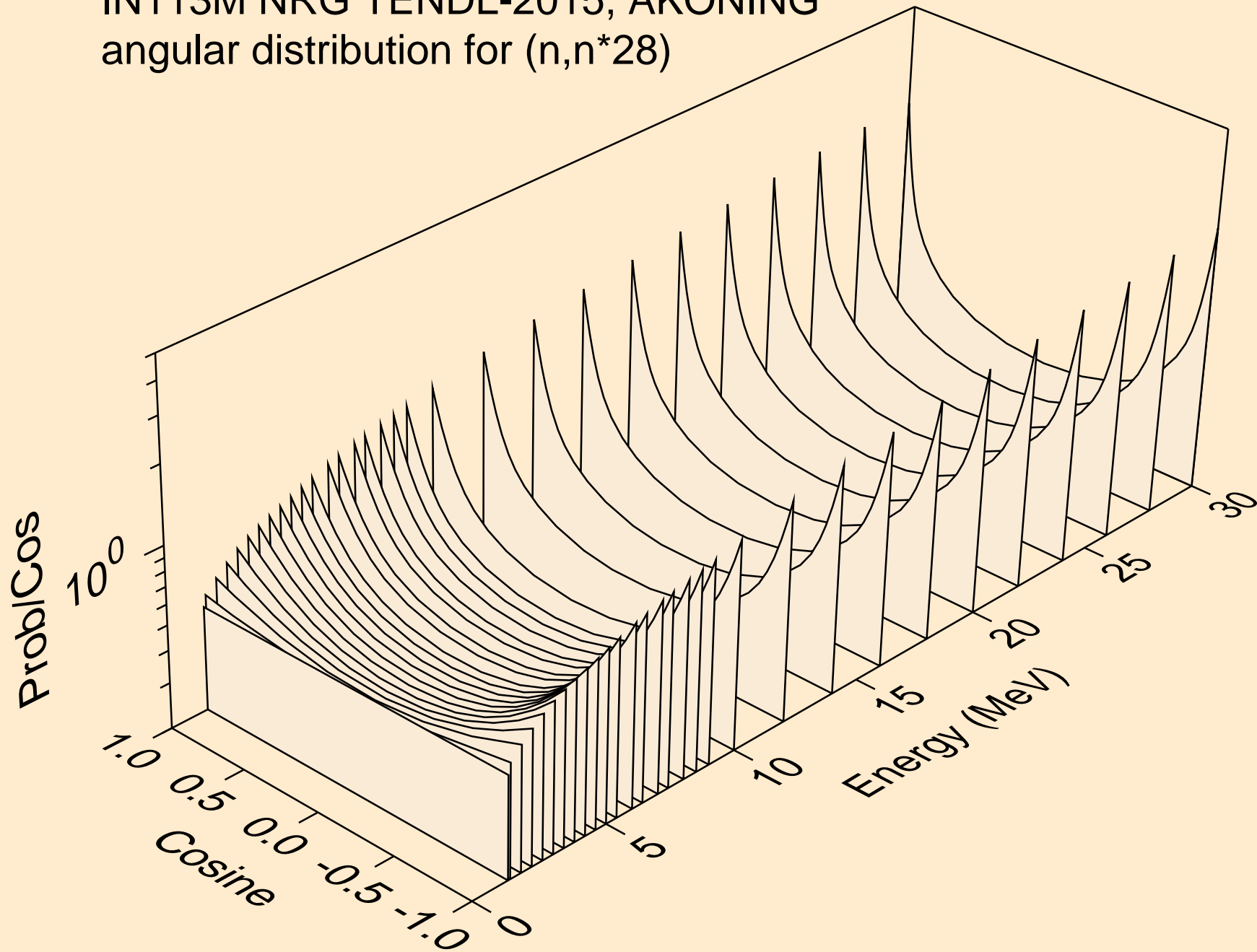
IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



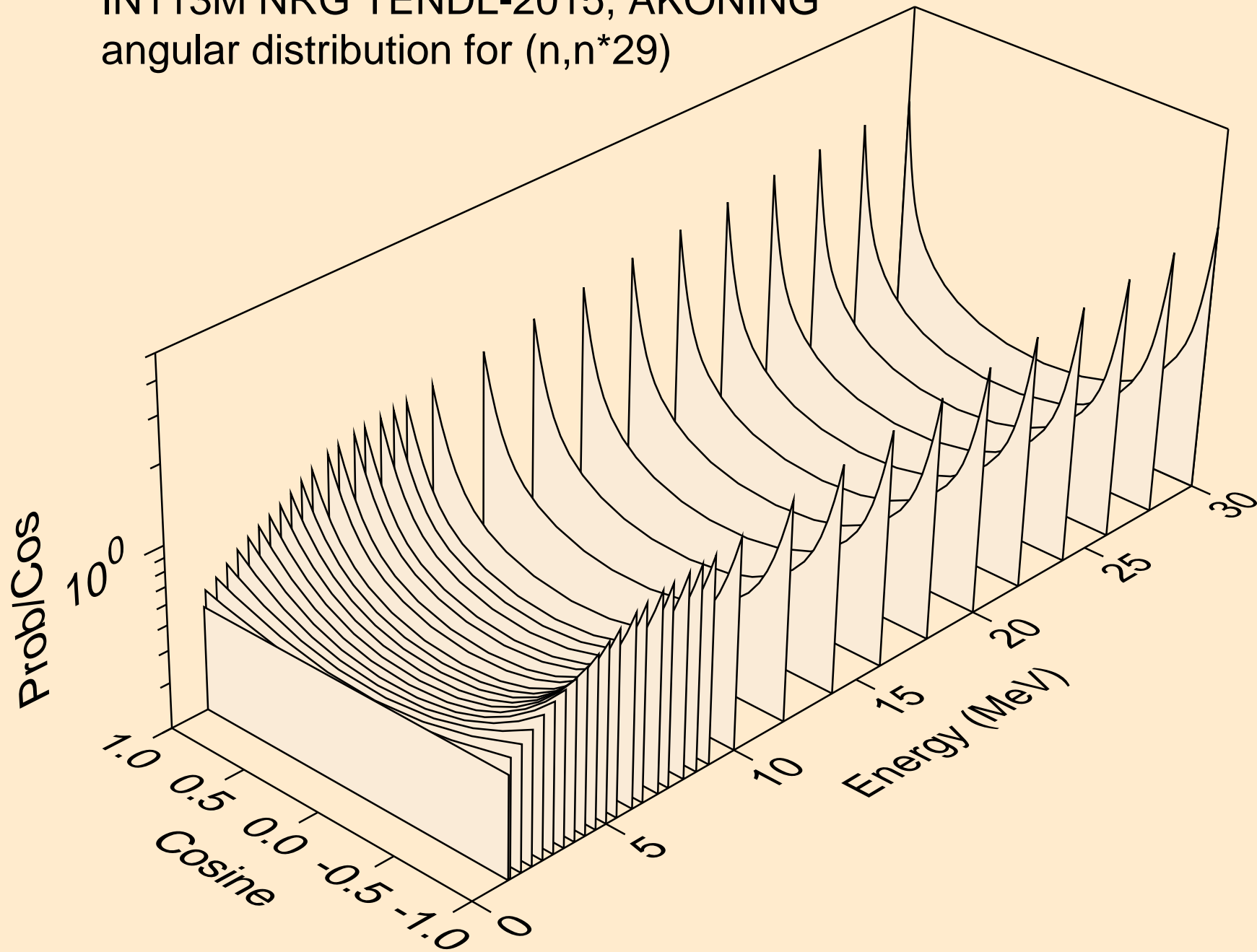
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angular distribution for (n,n\*27)



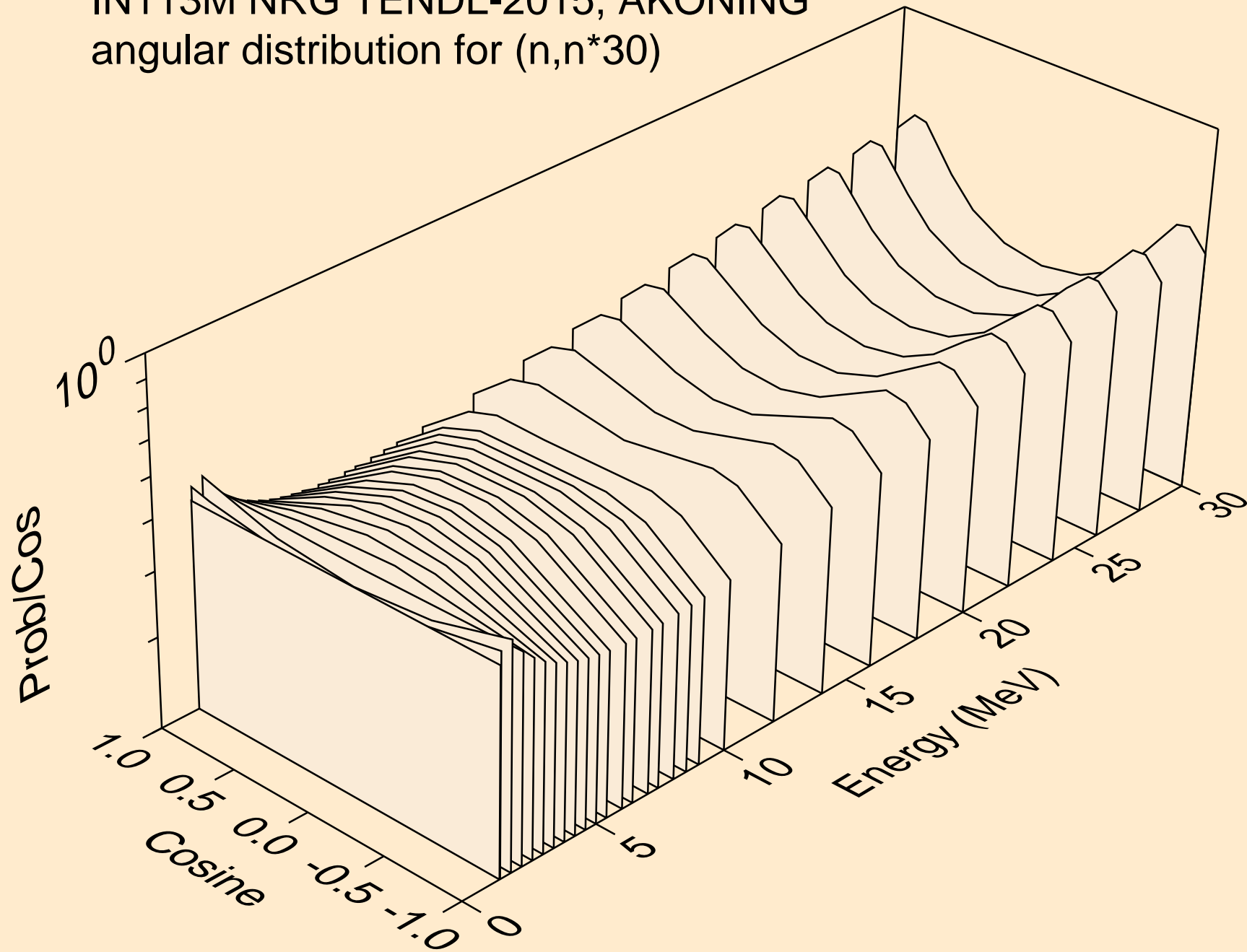
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angular distribution for (n,n\*28)



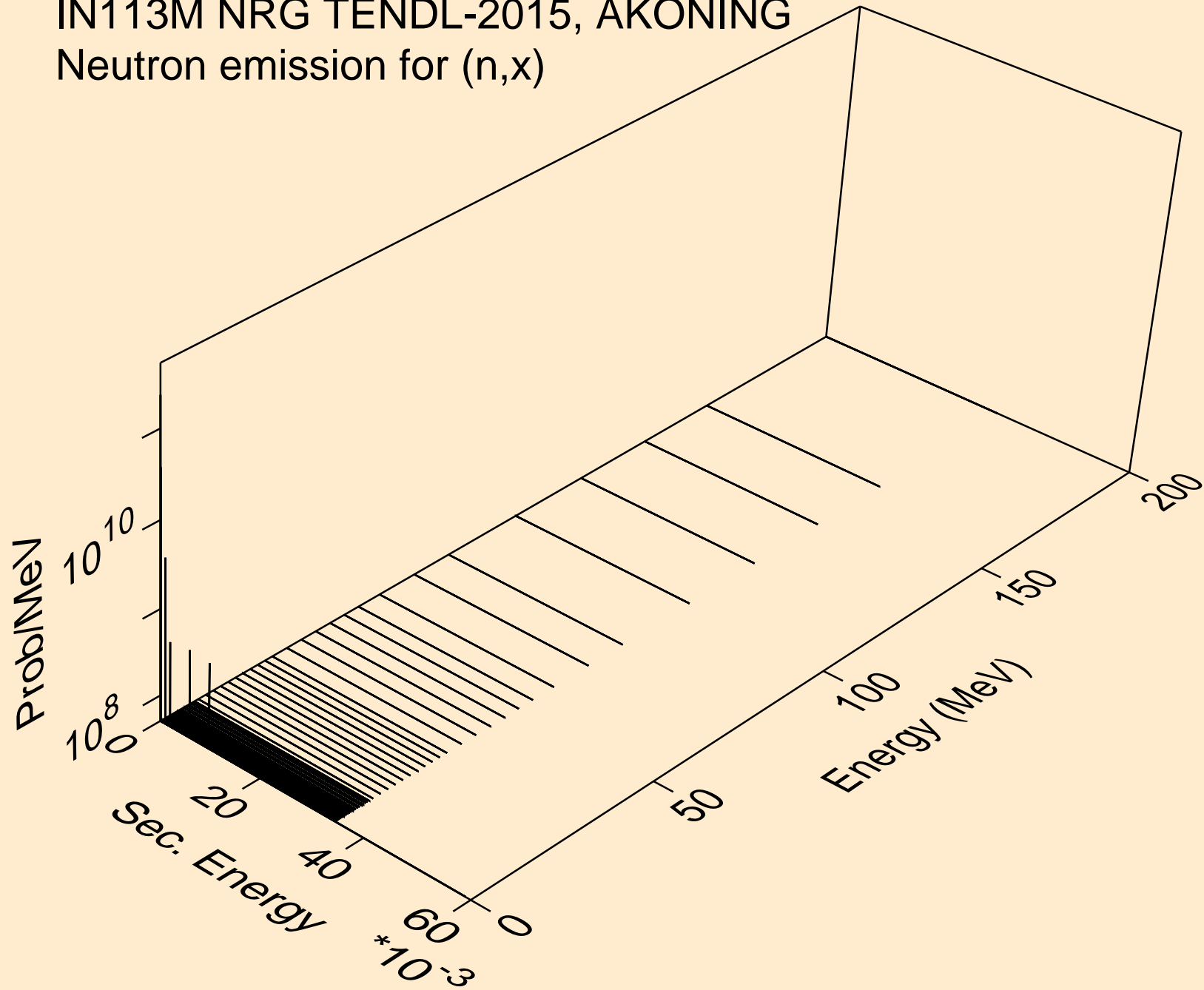
IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



IN113M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

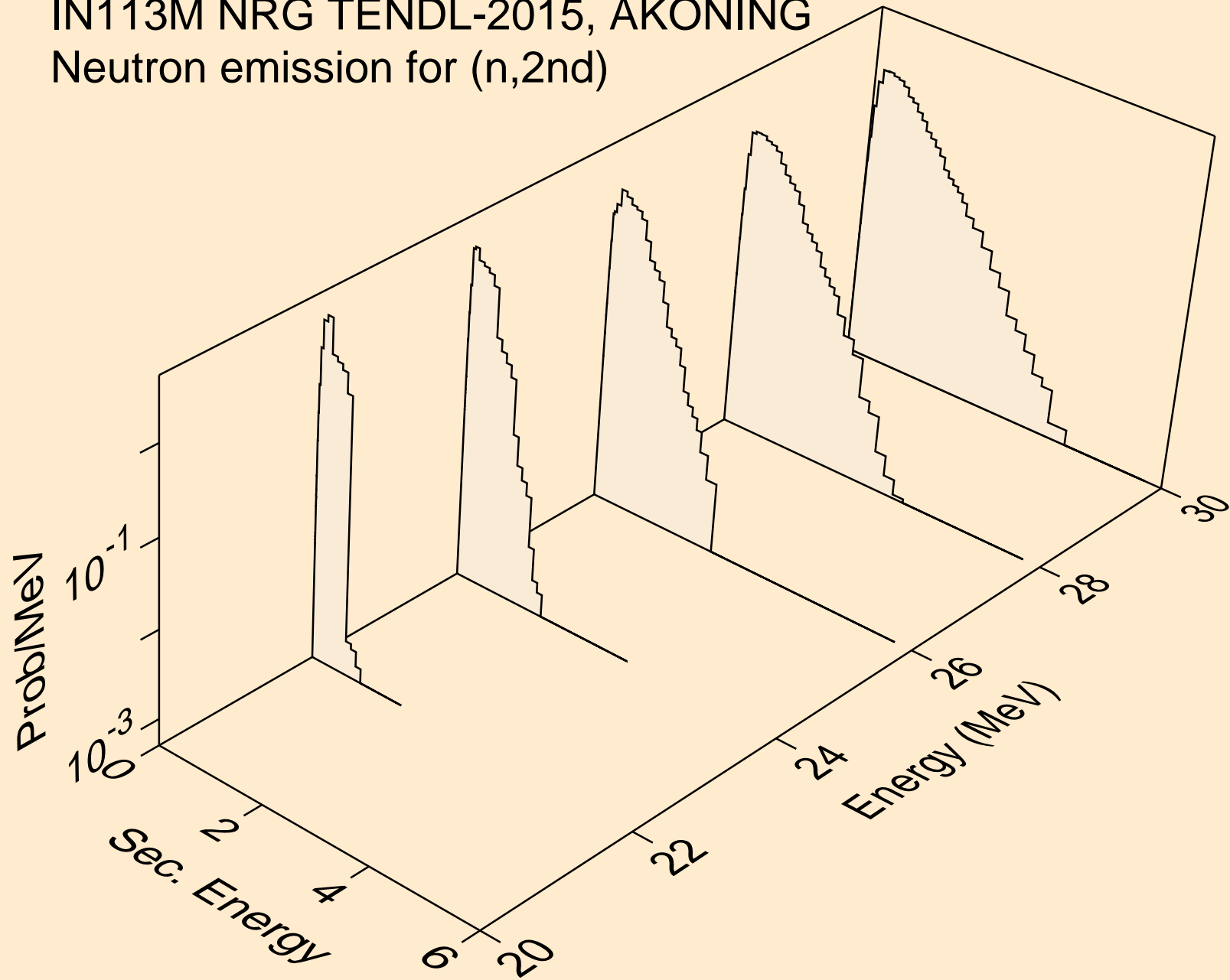


IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

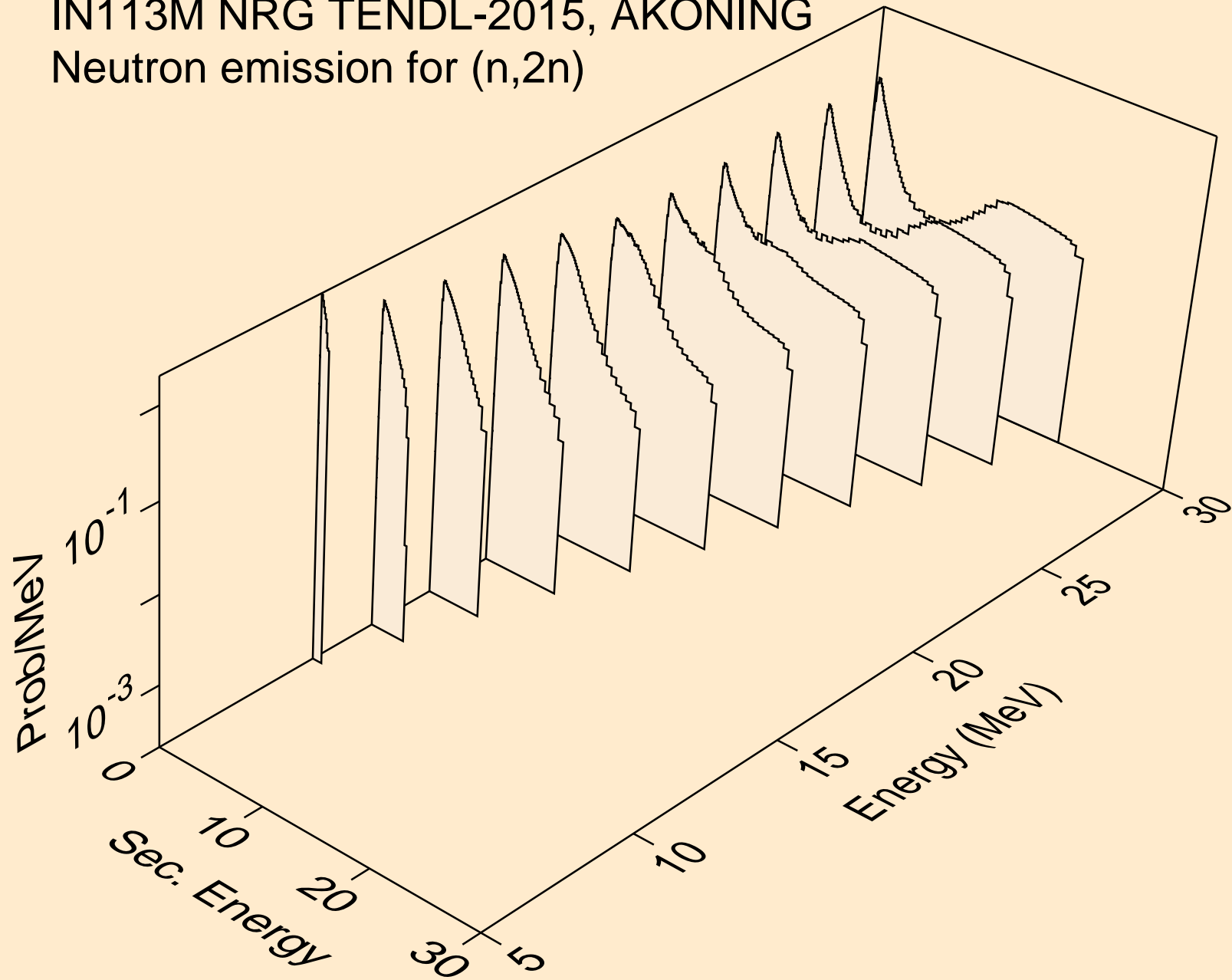




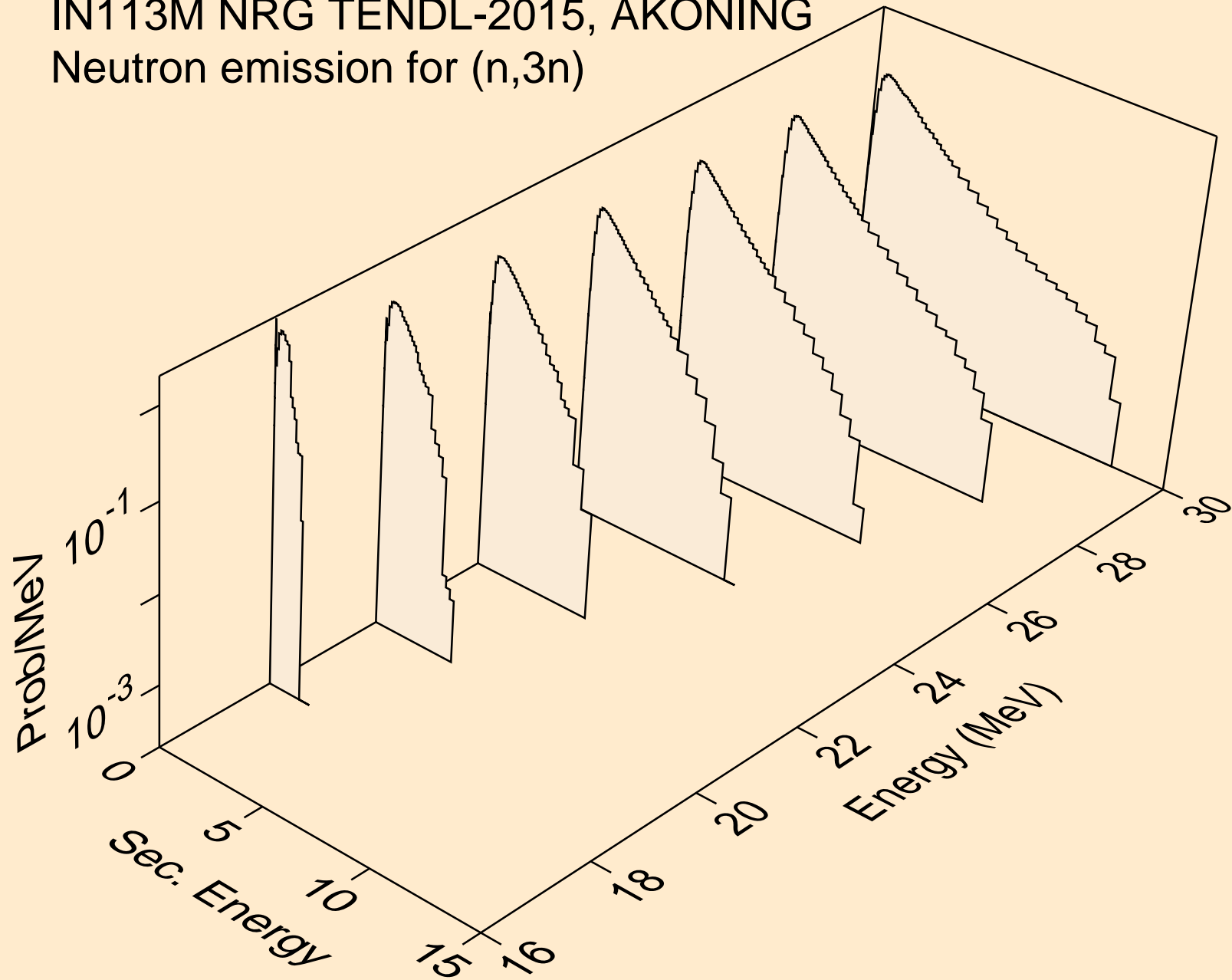
IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



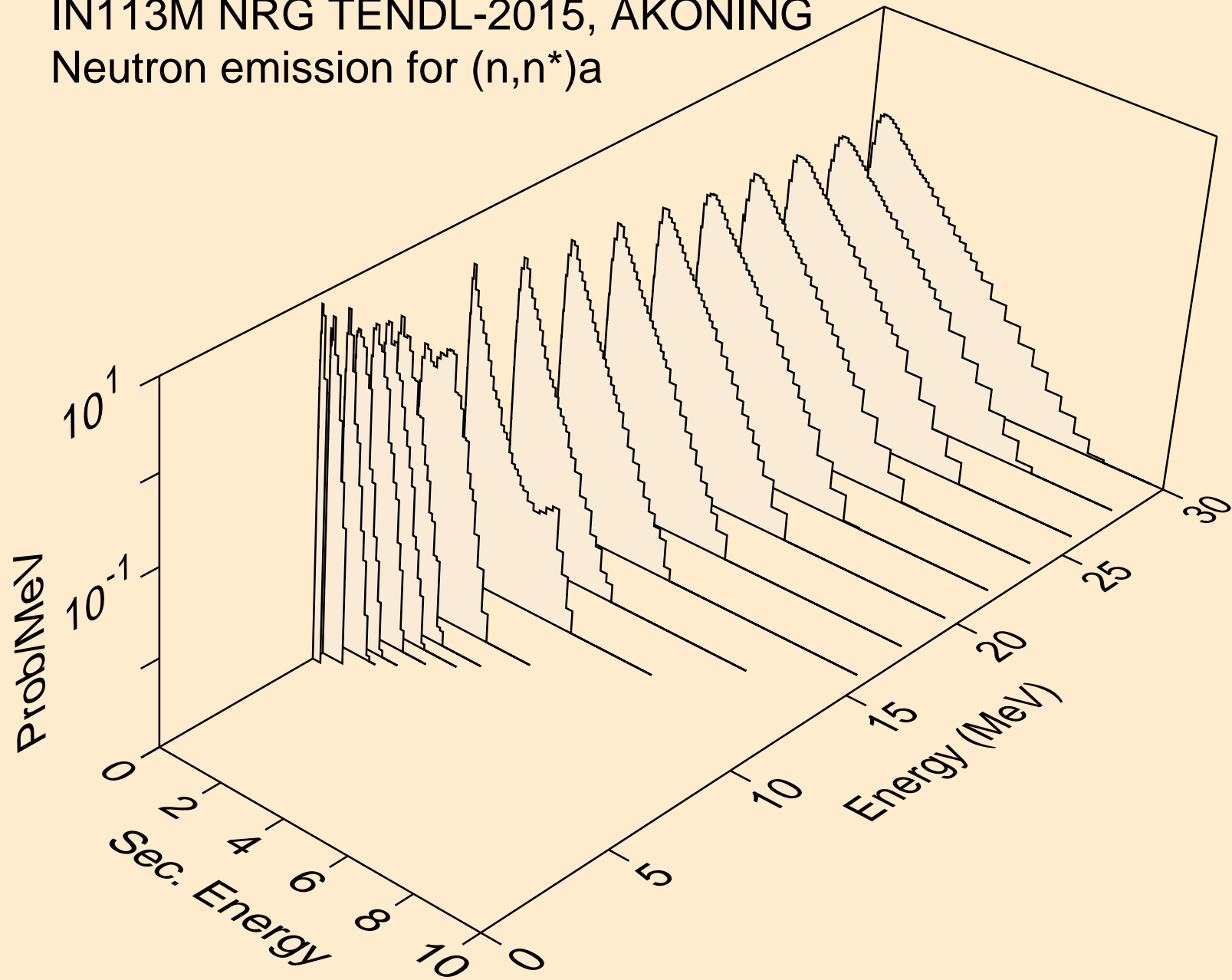
IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



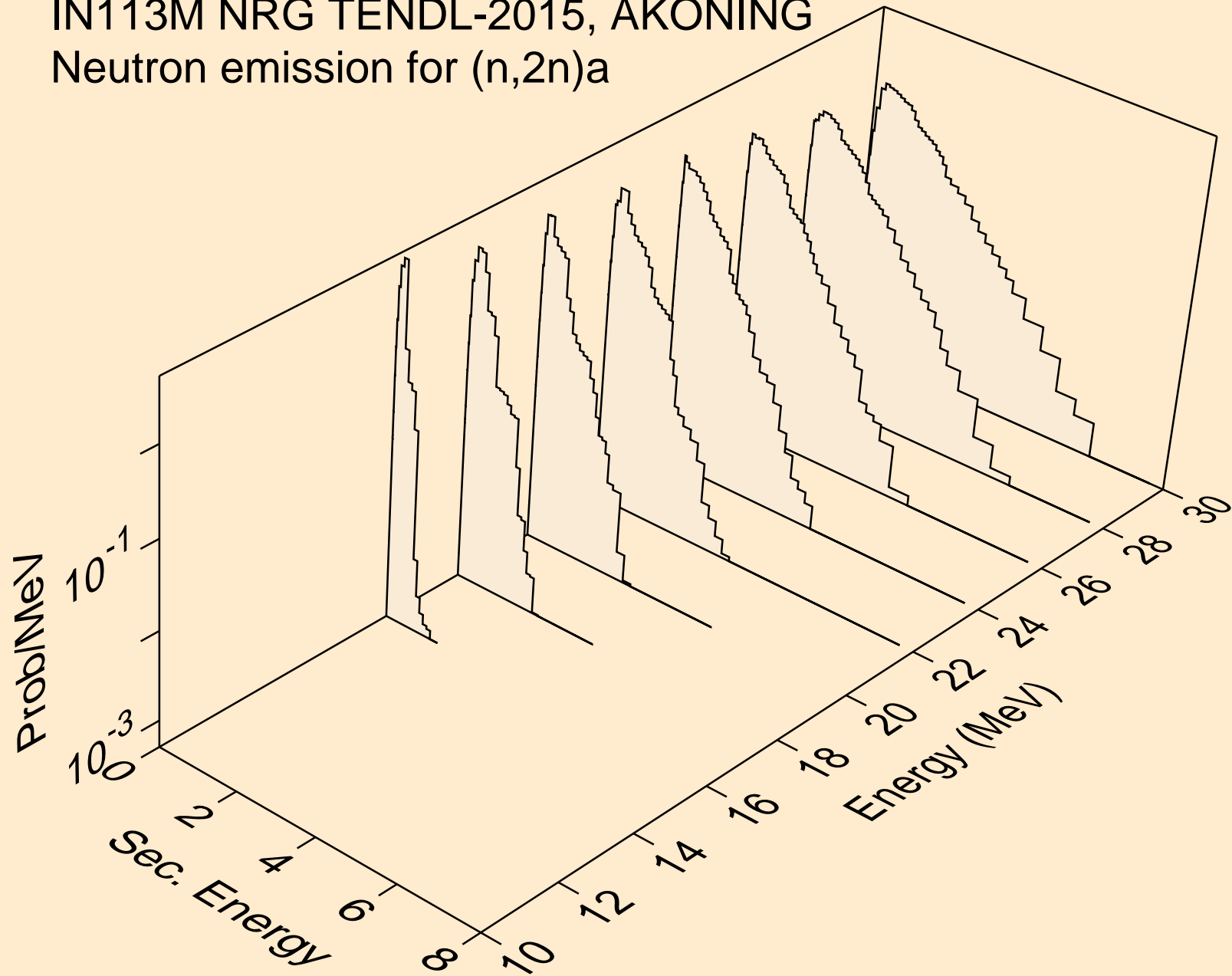
IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



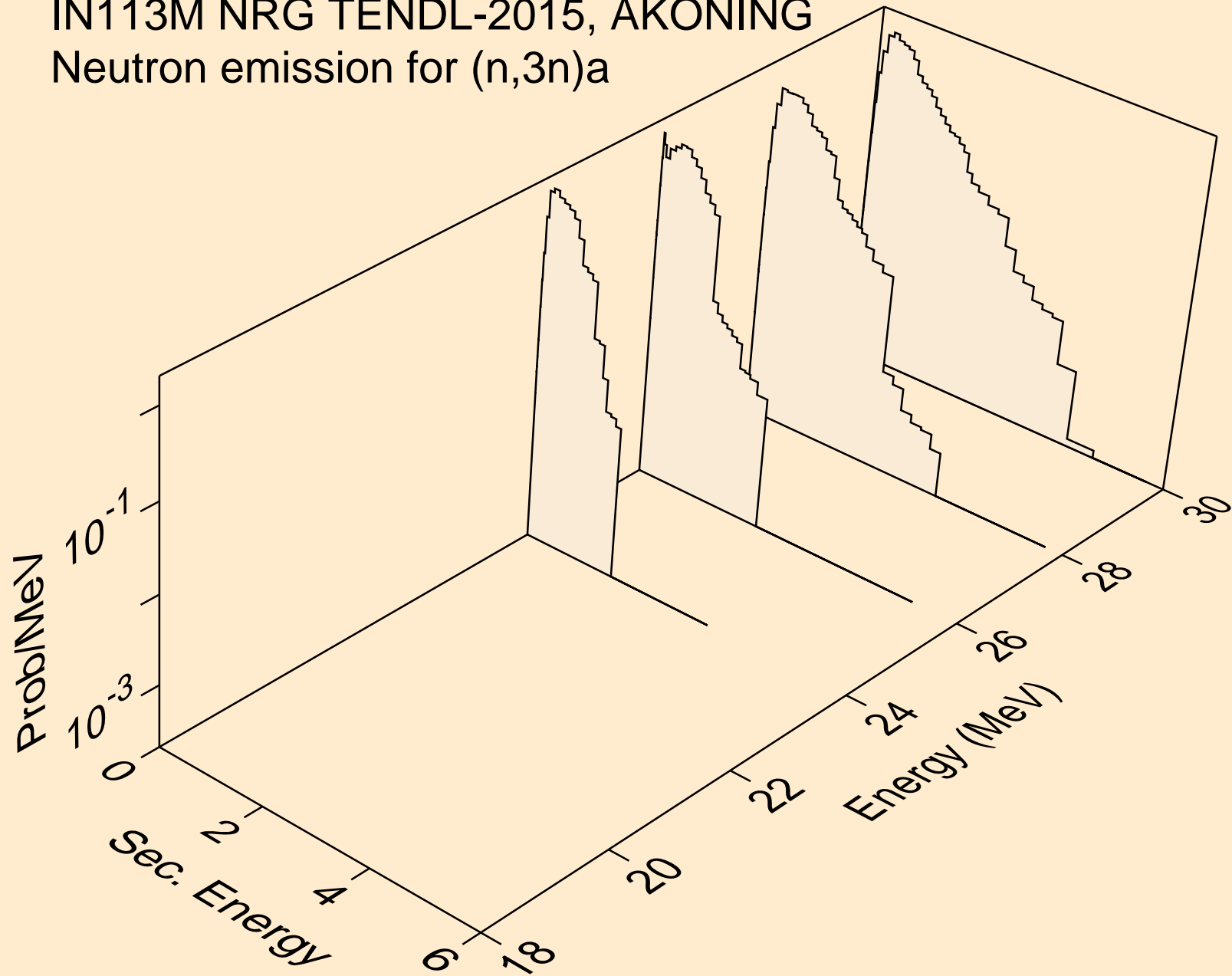
IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



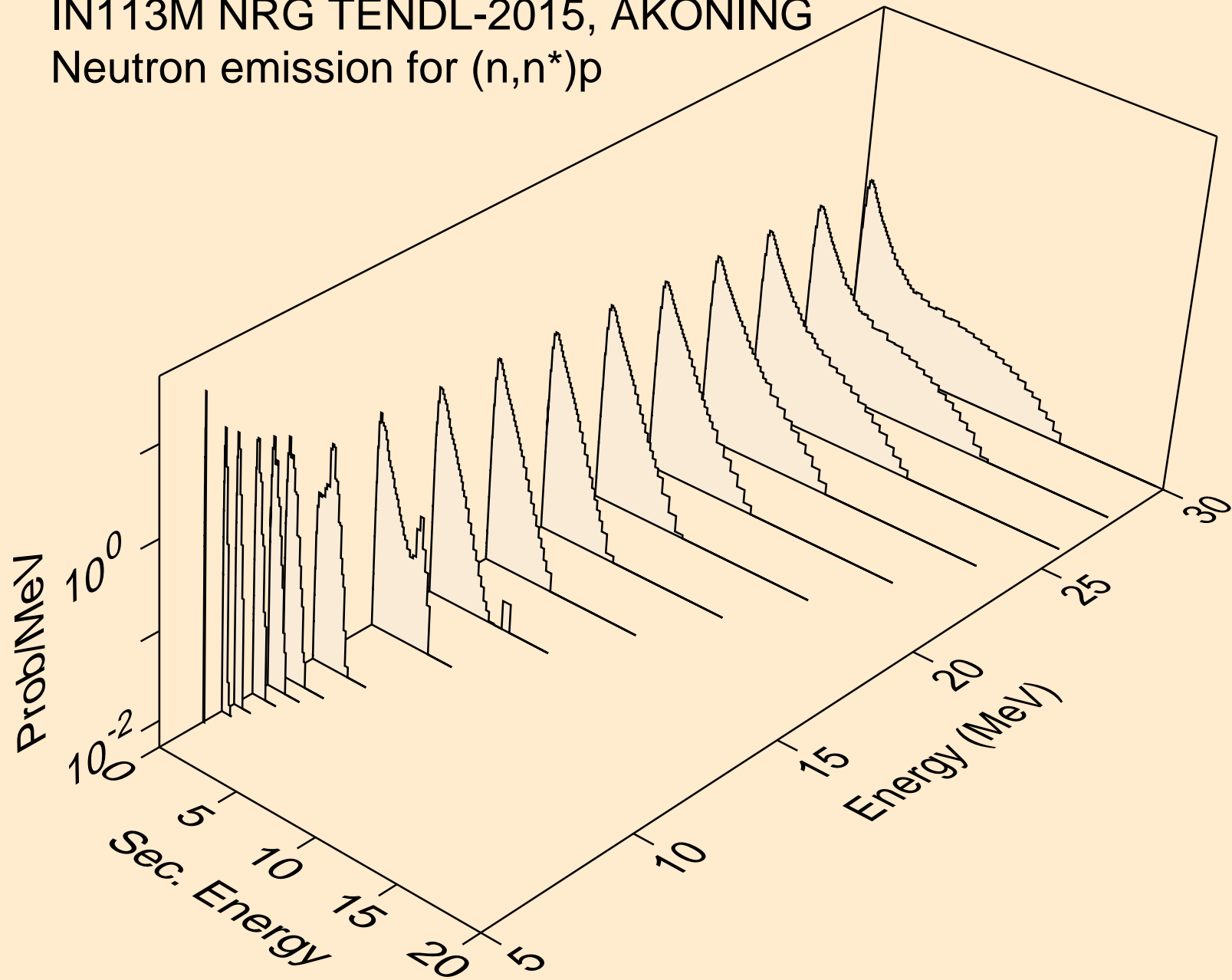
IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



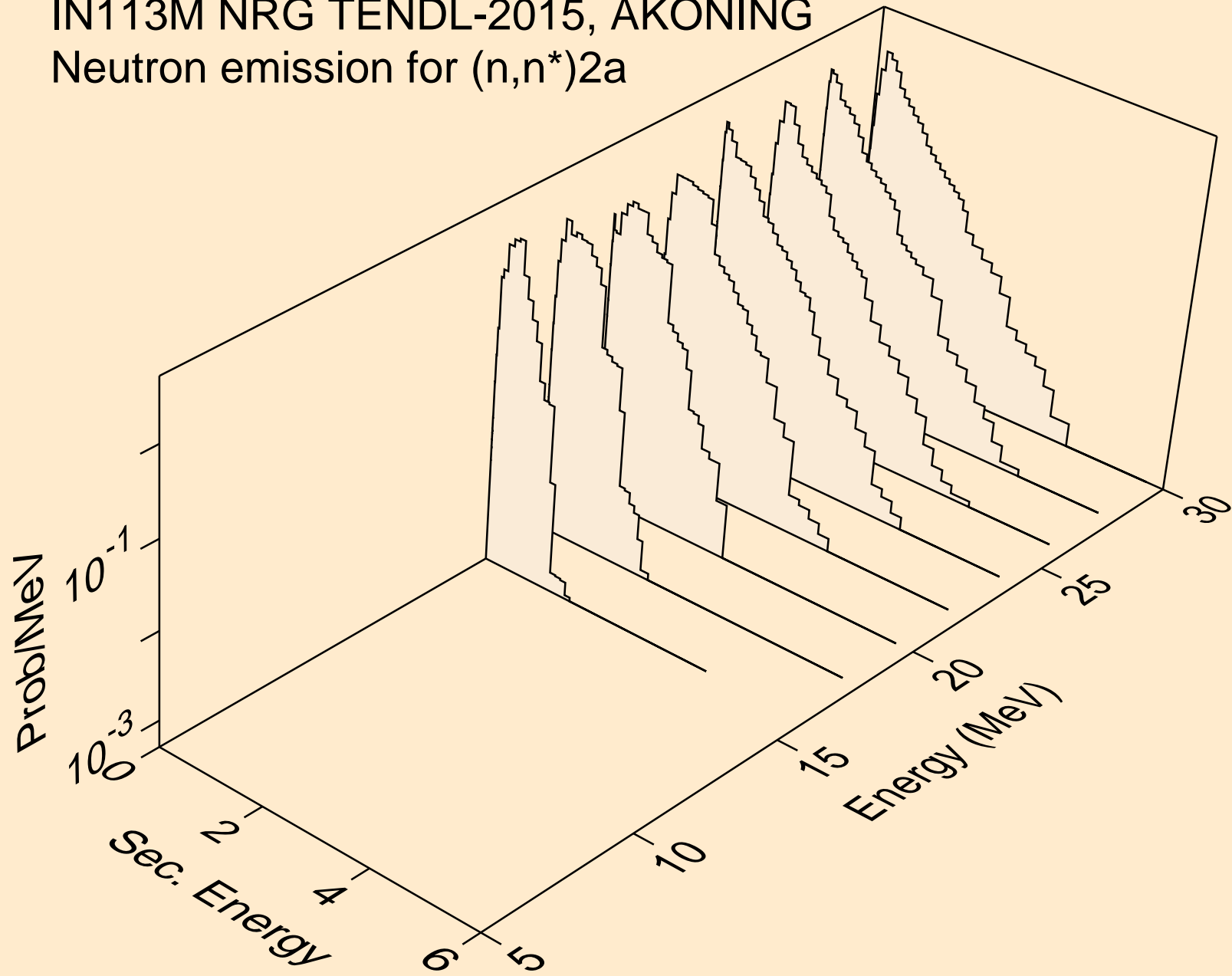
IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

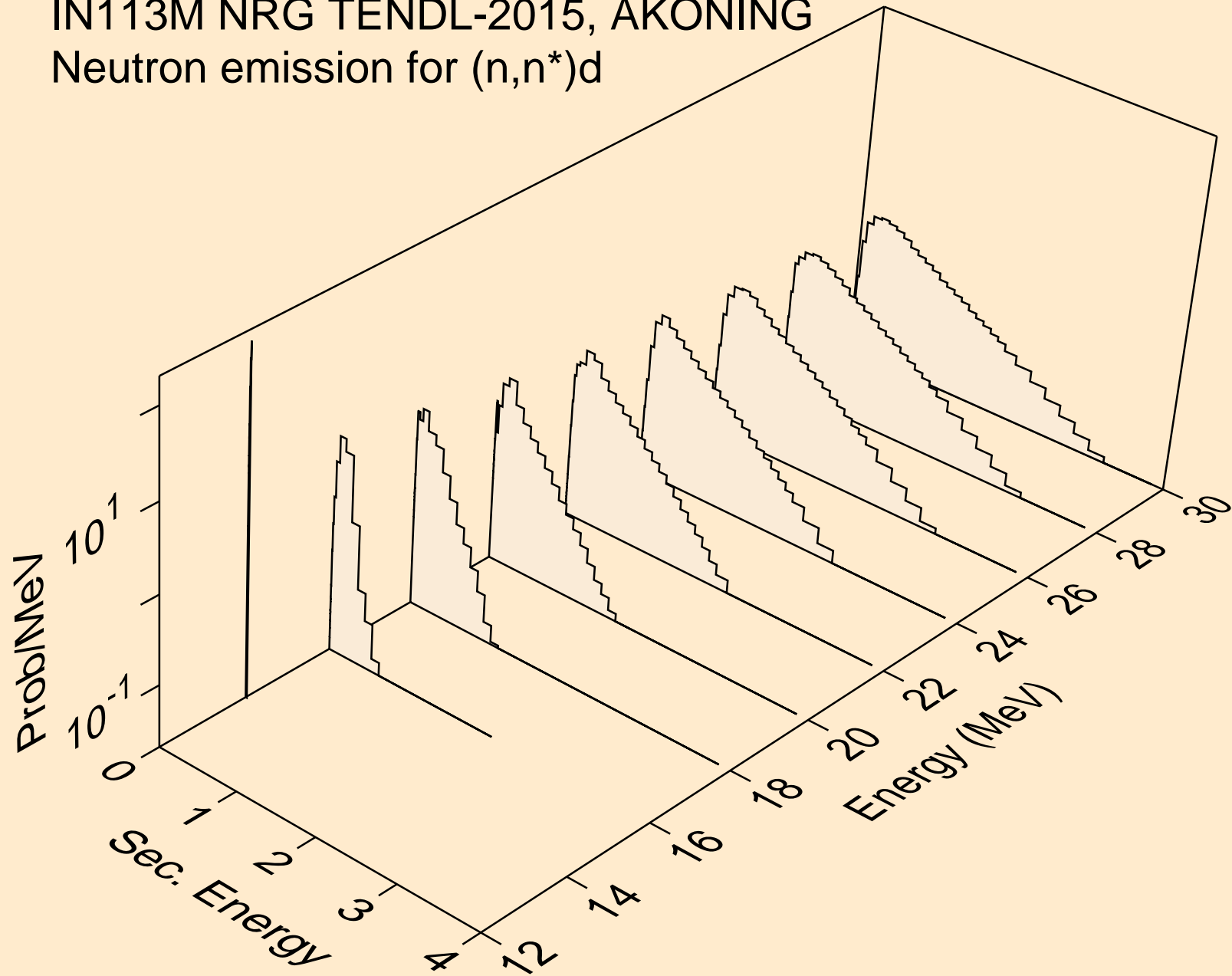


IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

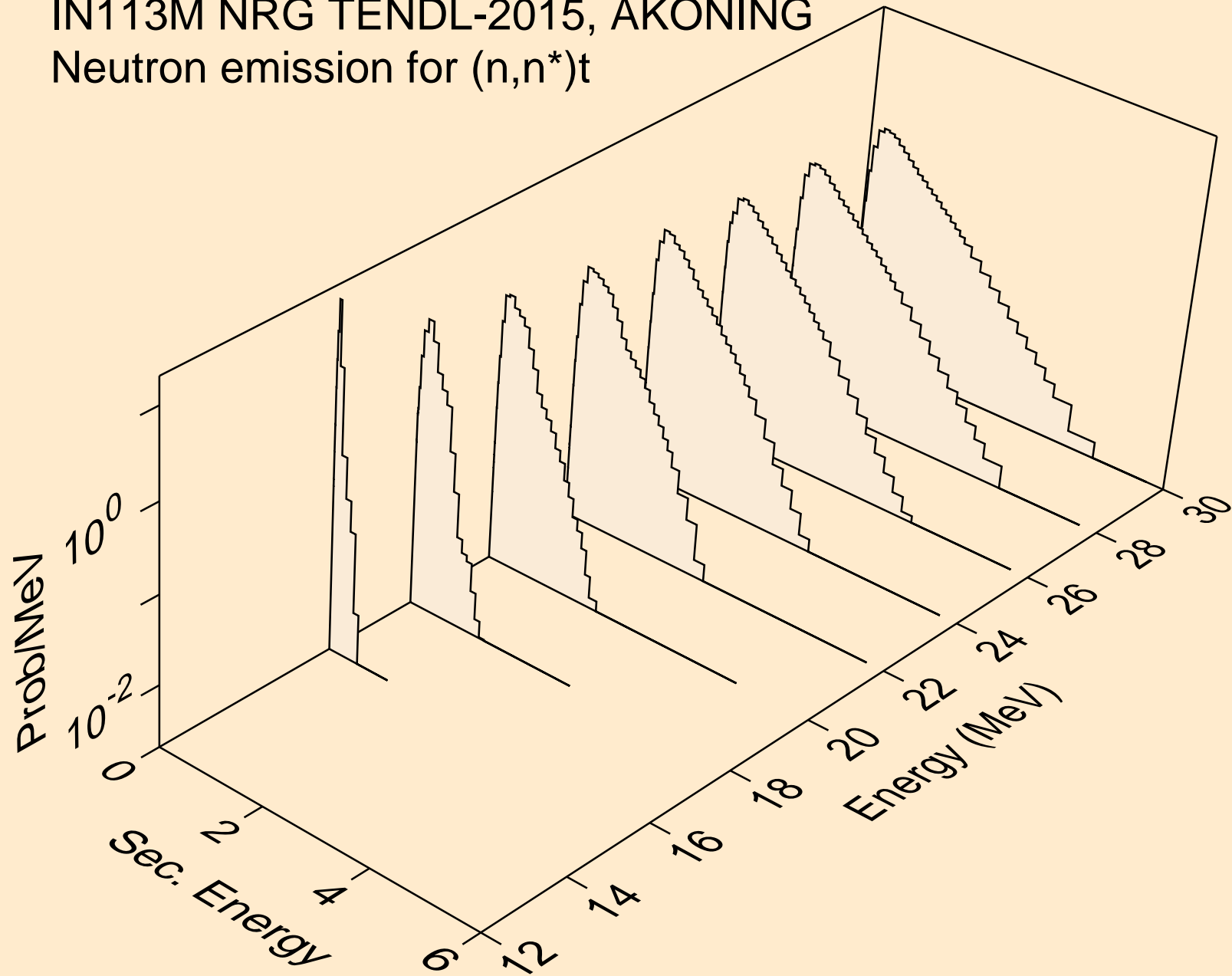




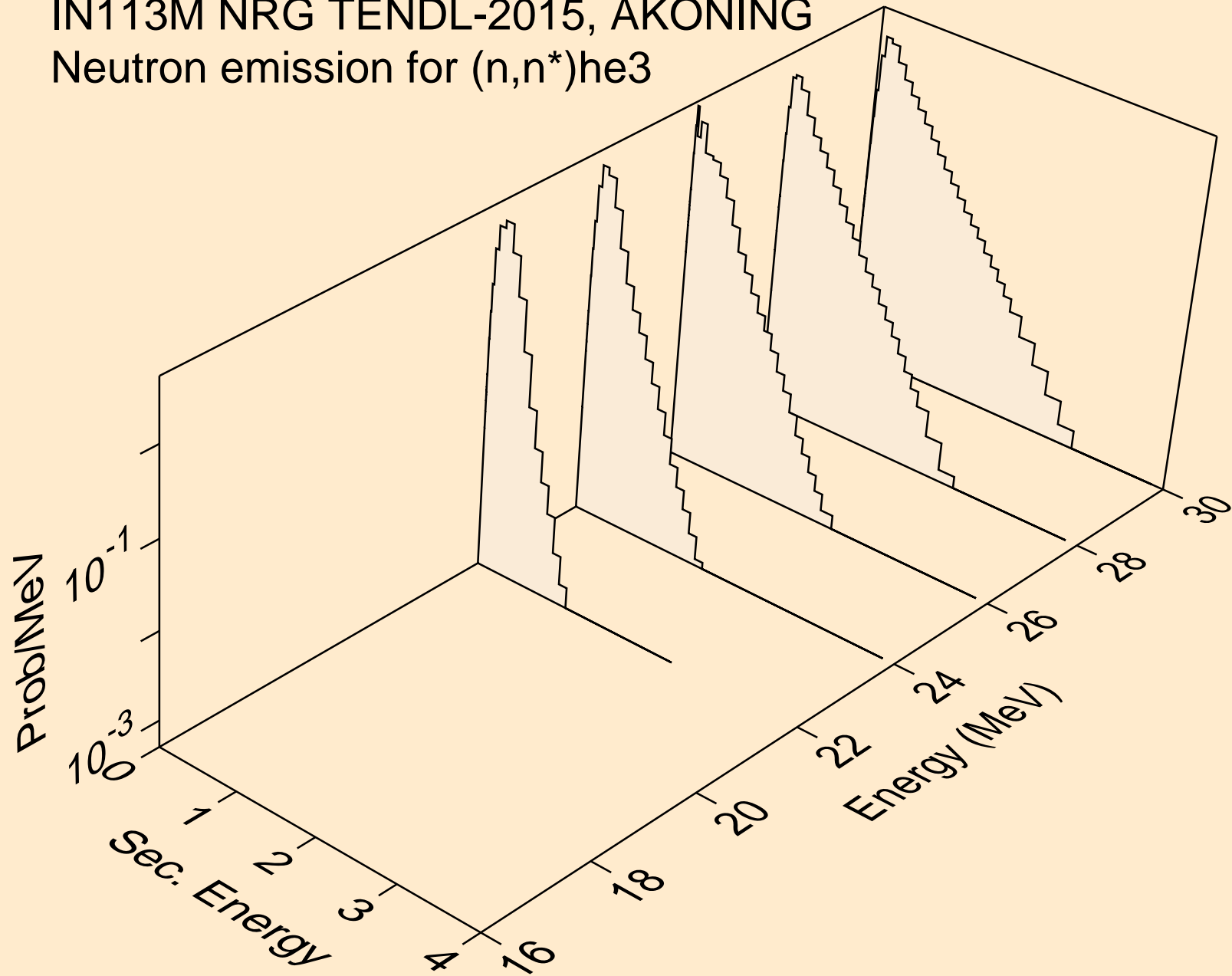
IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



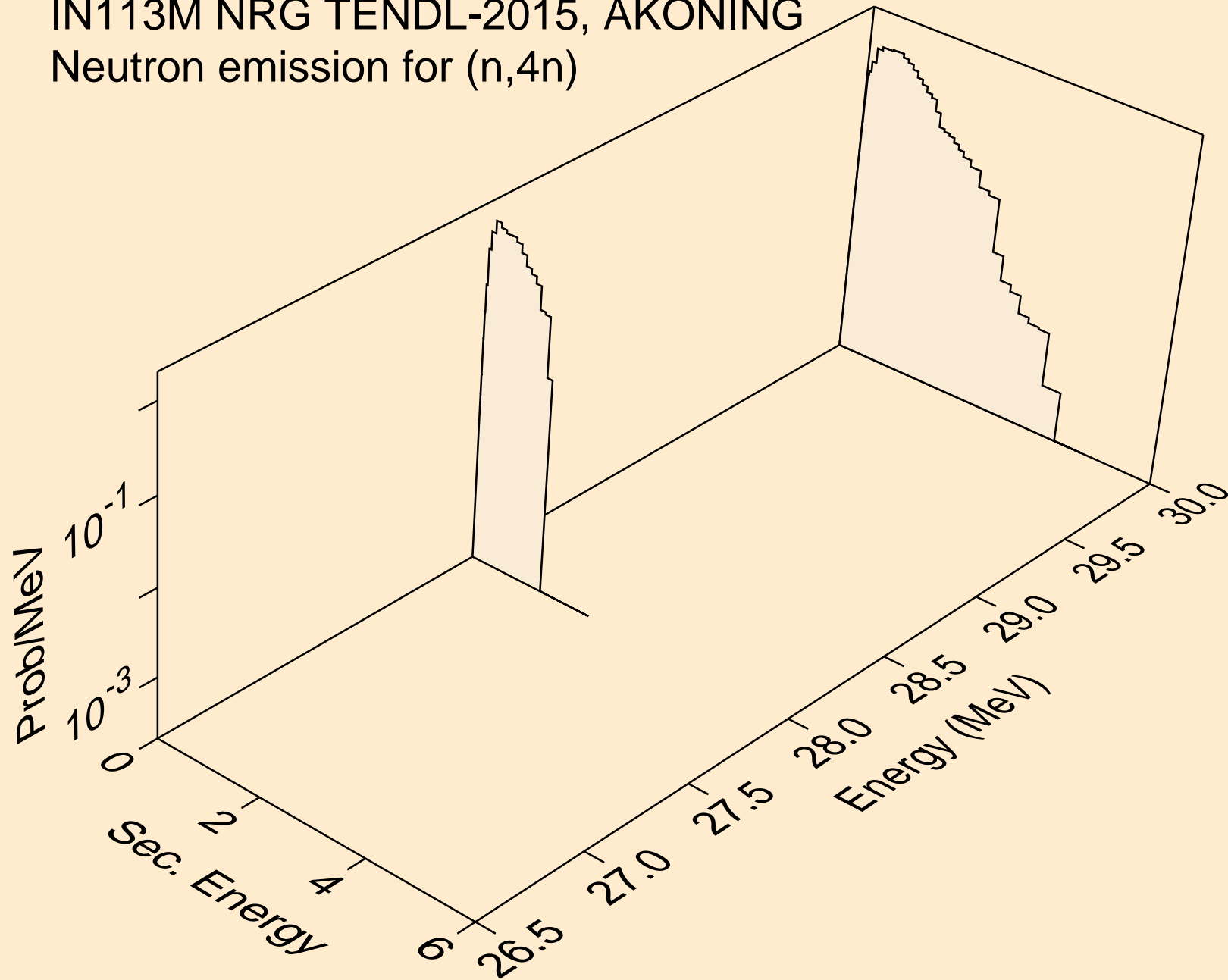
IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



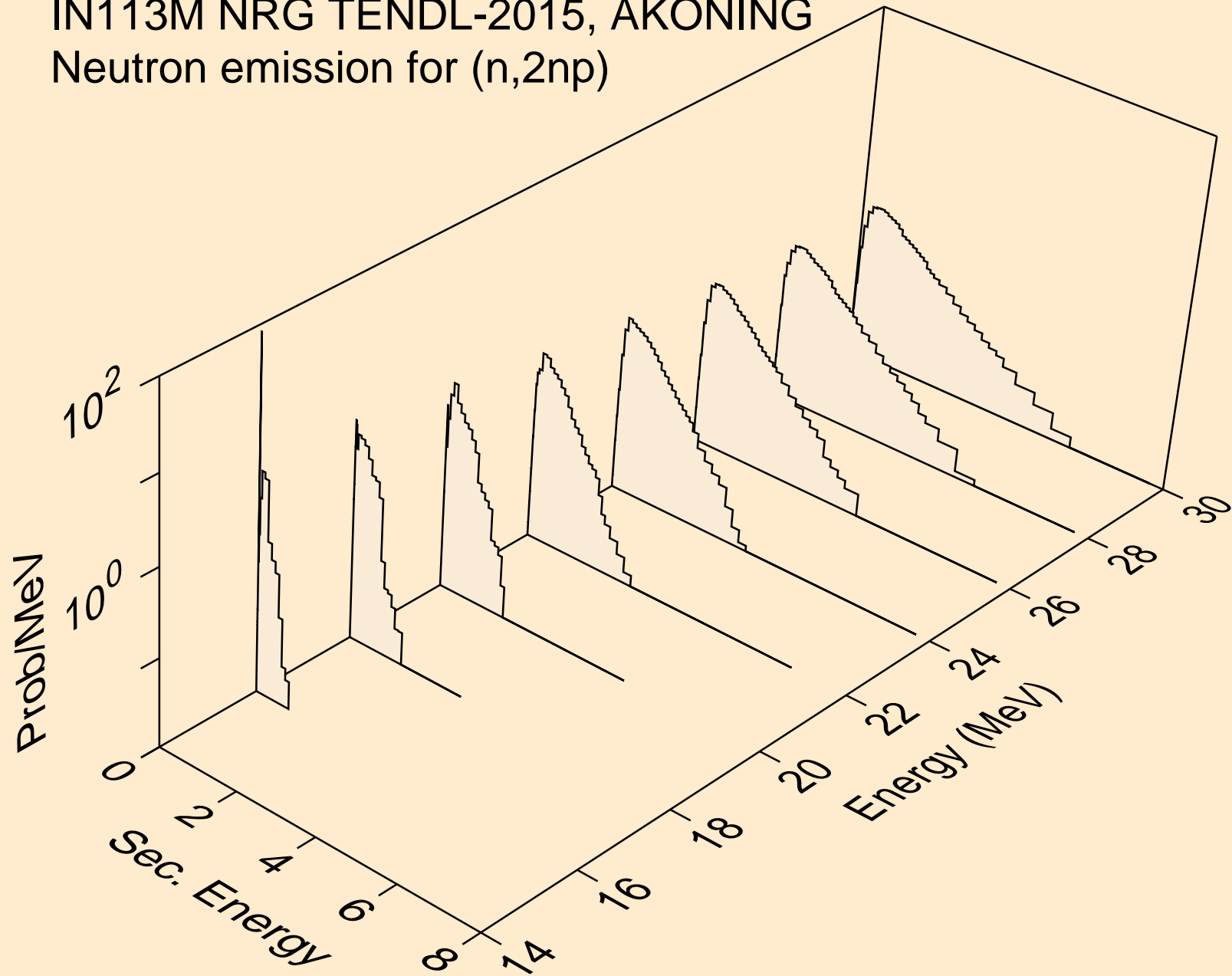
IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



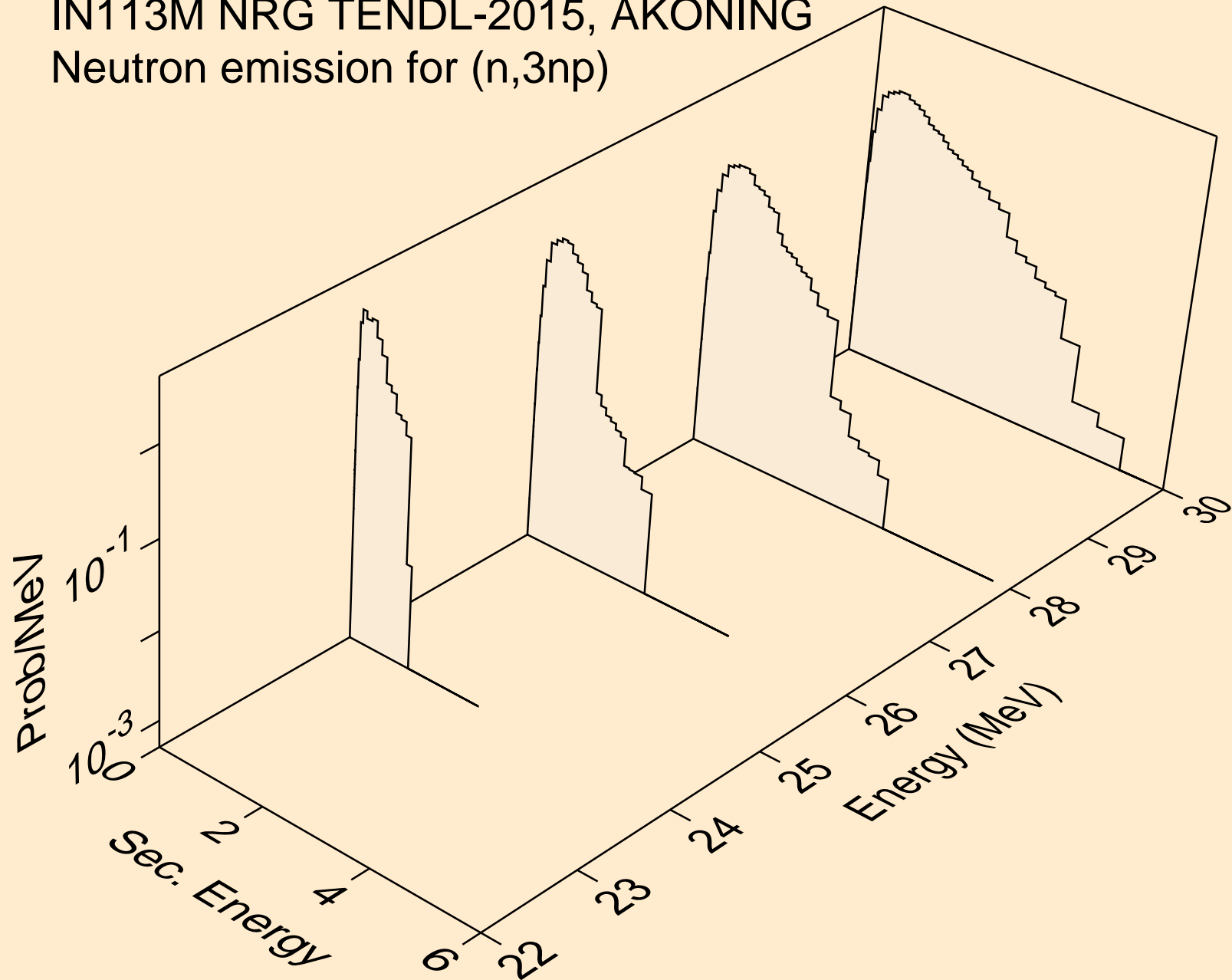
IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



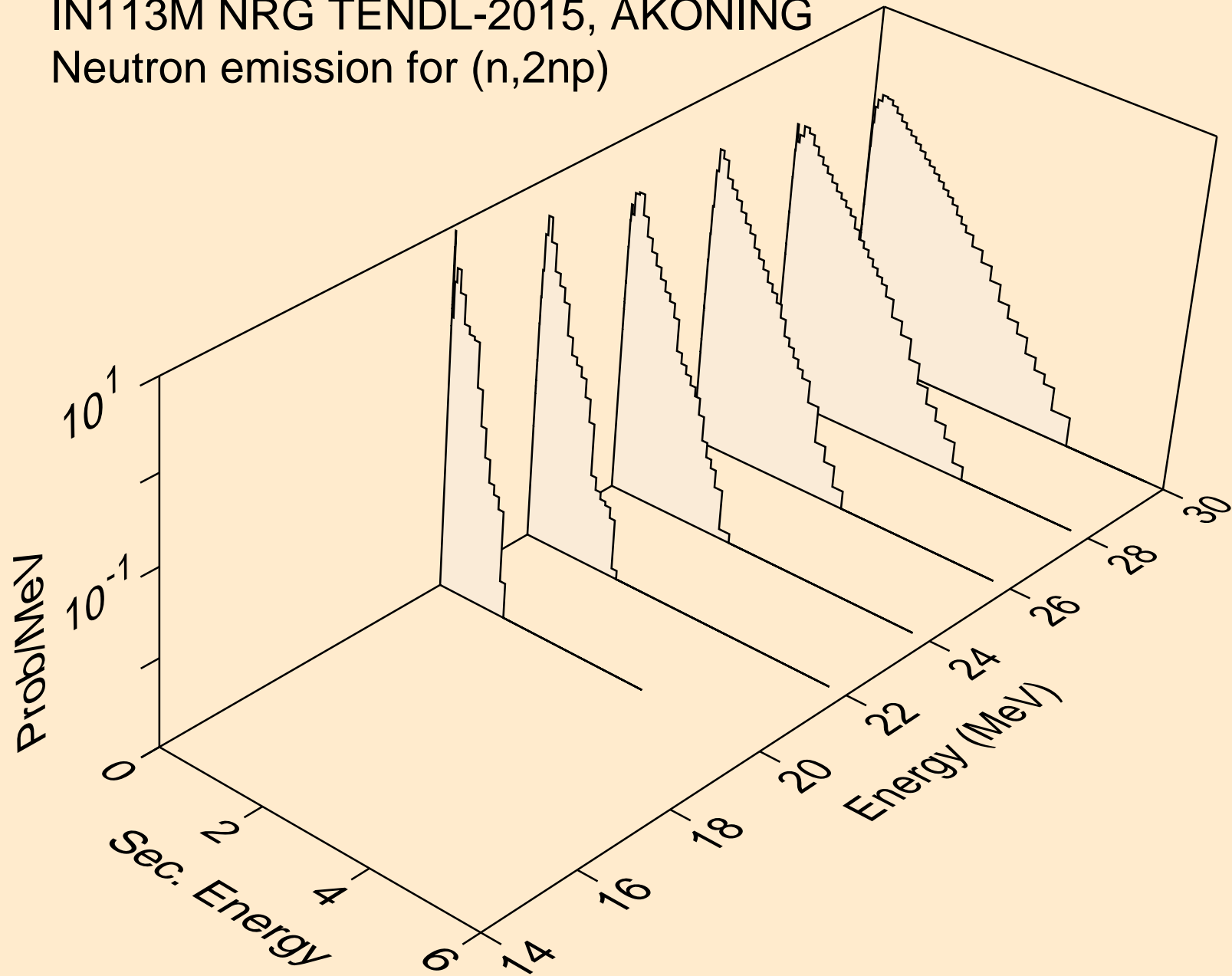
IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



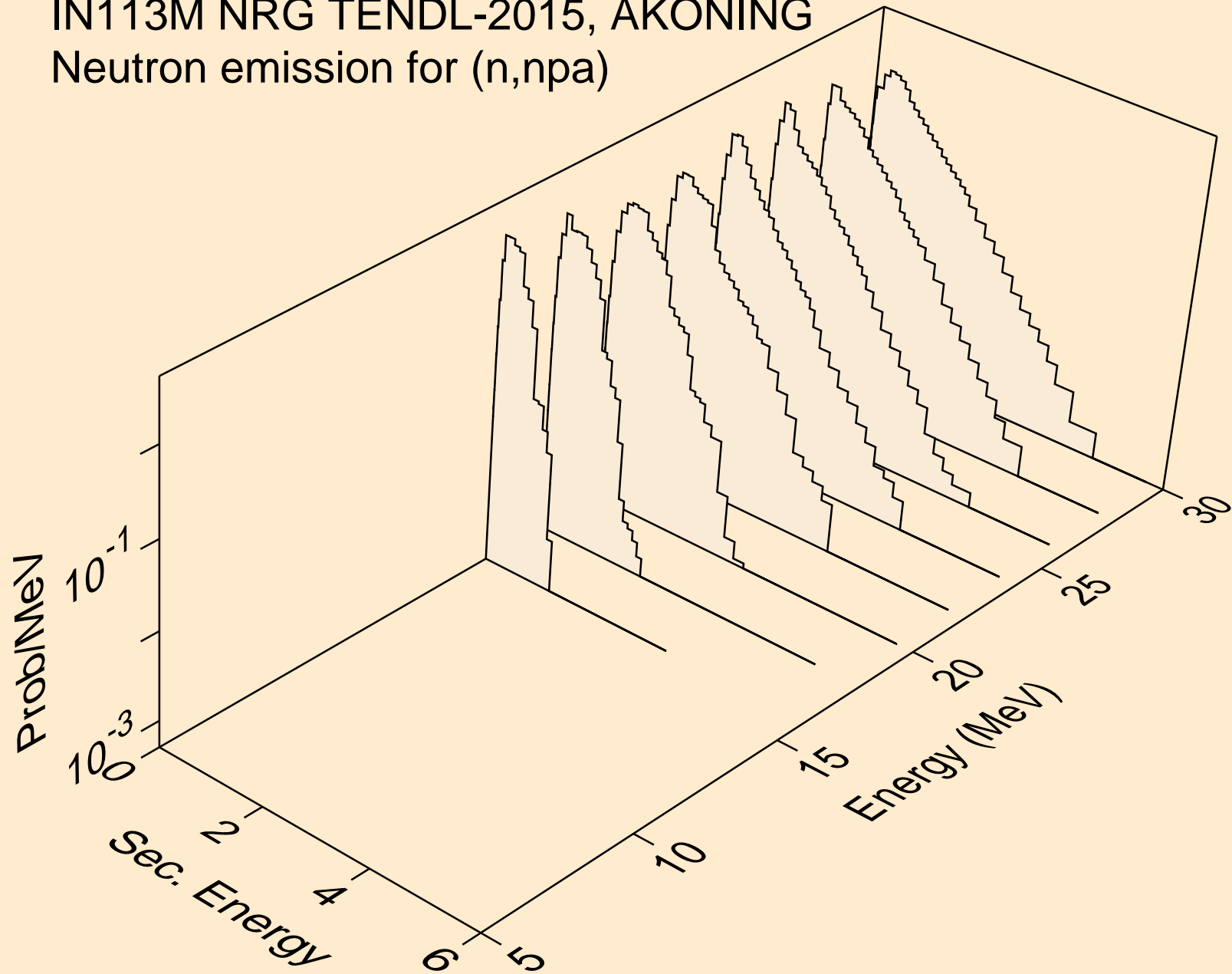
IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

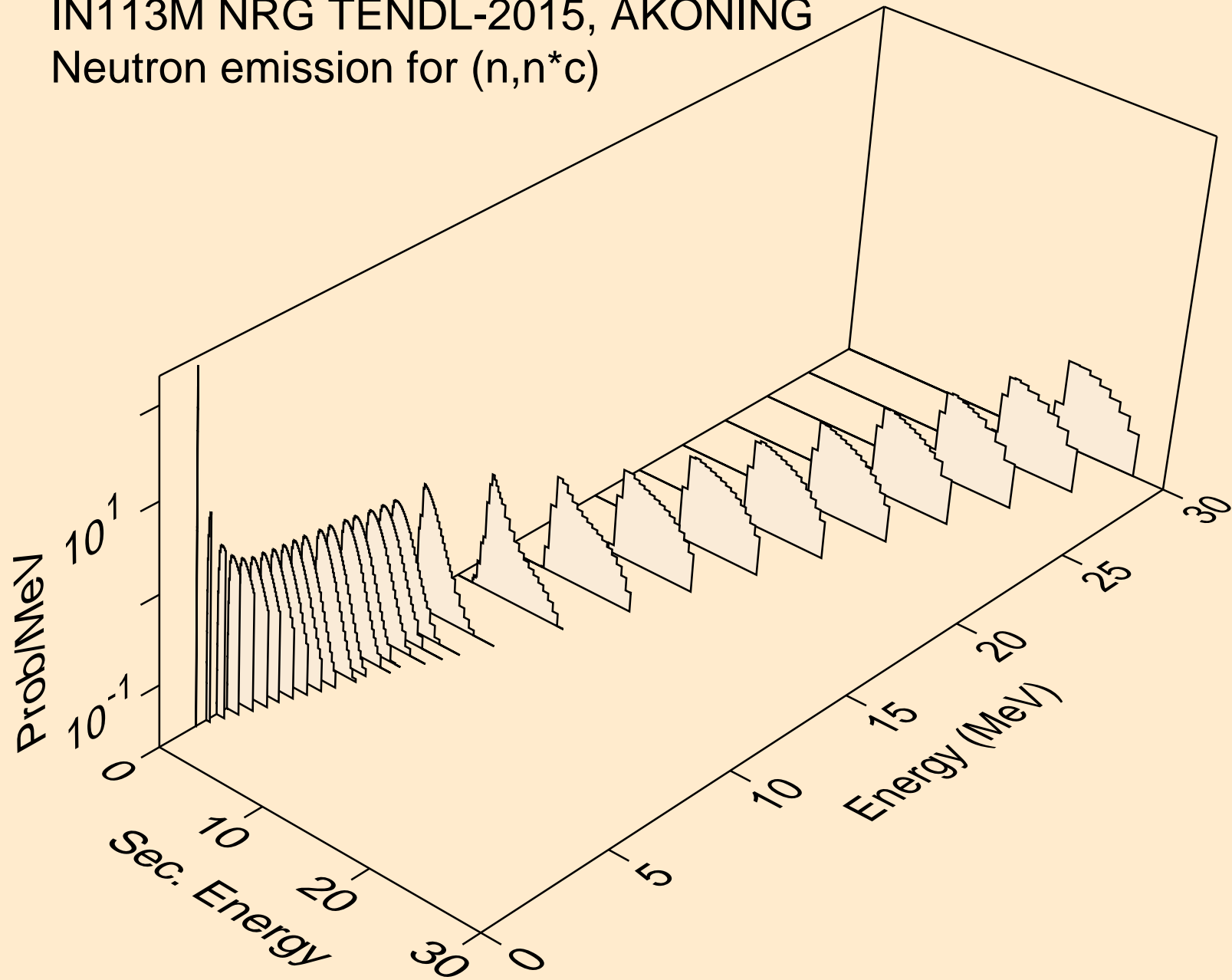


IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

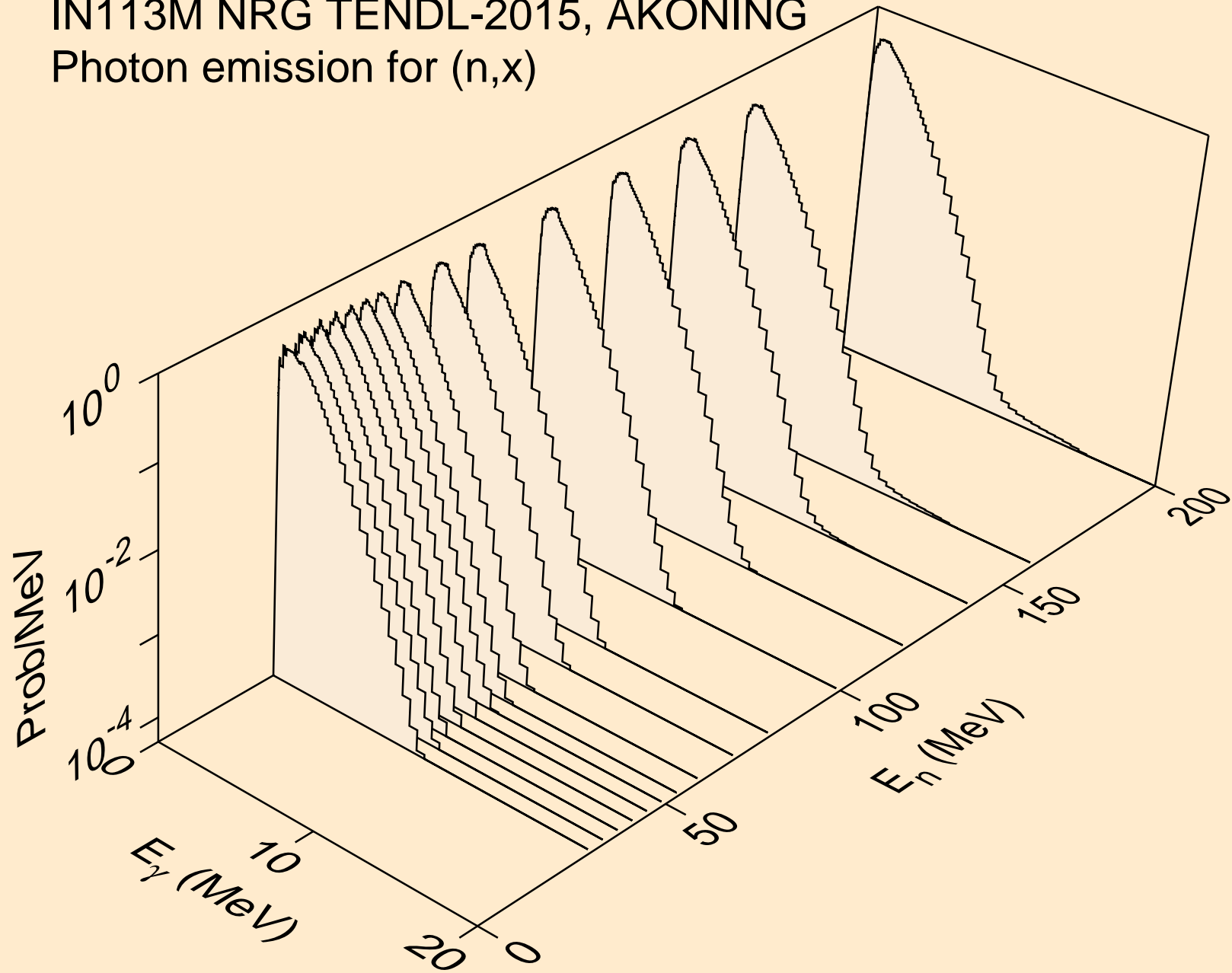




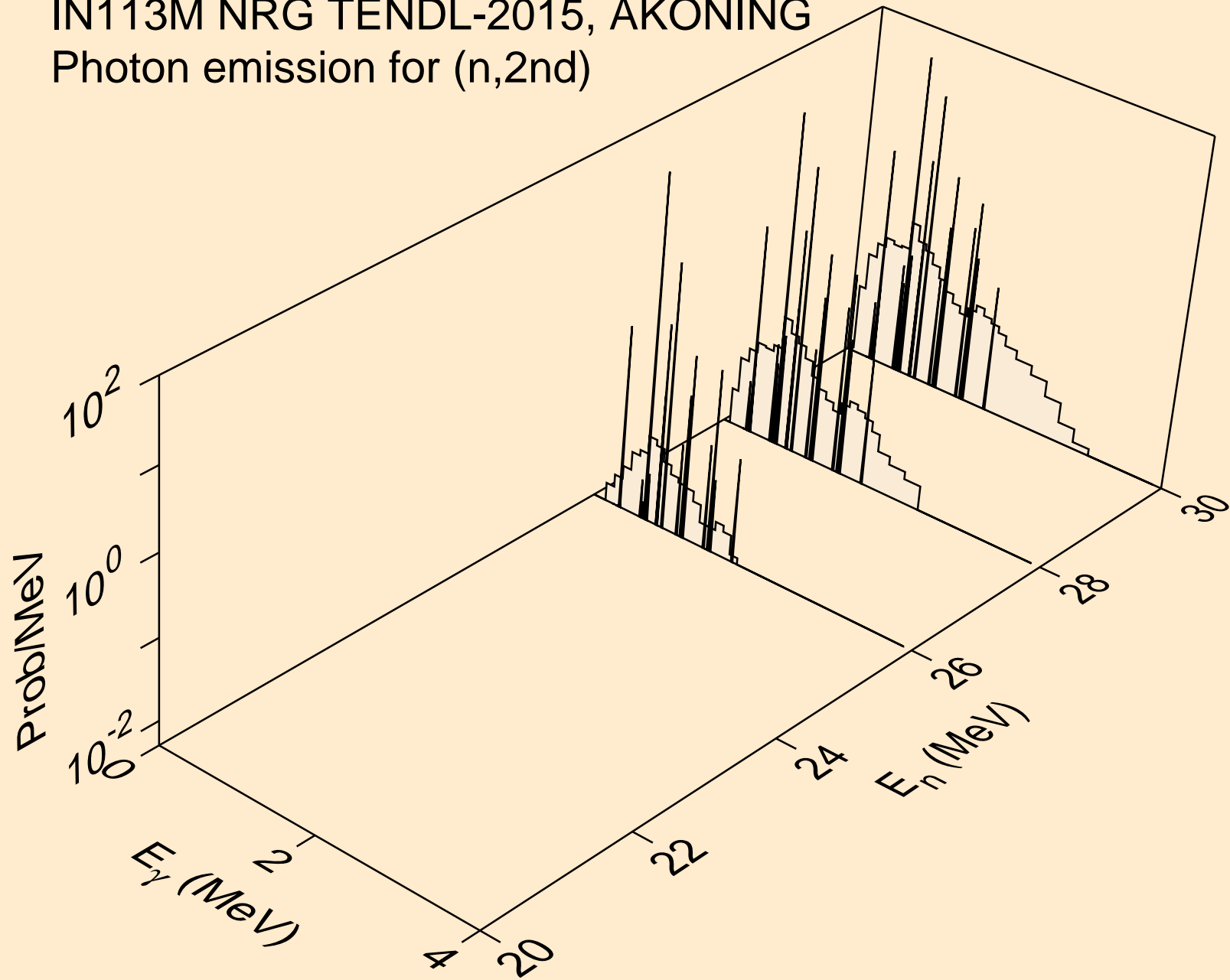
IN113M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



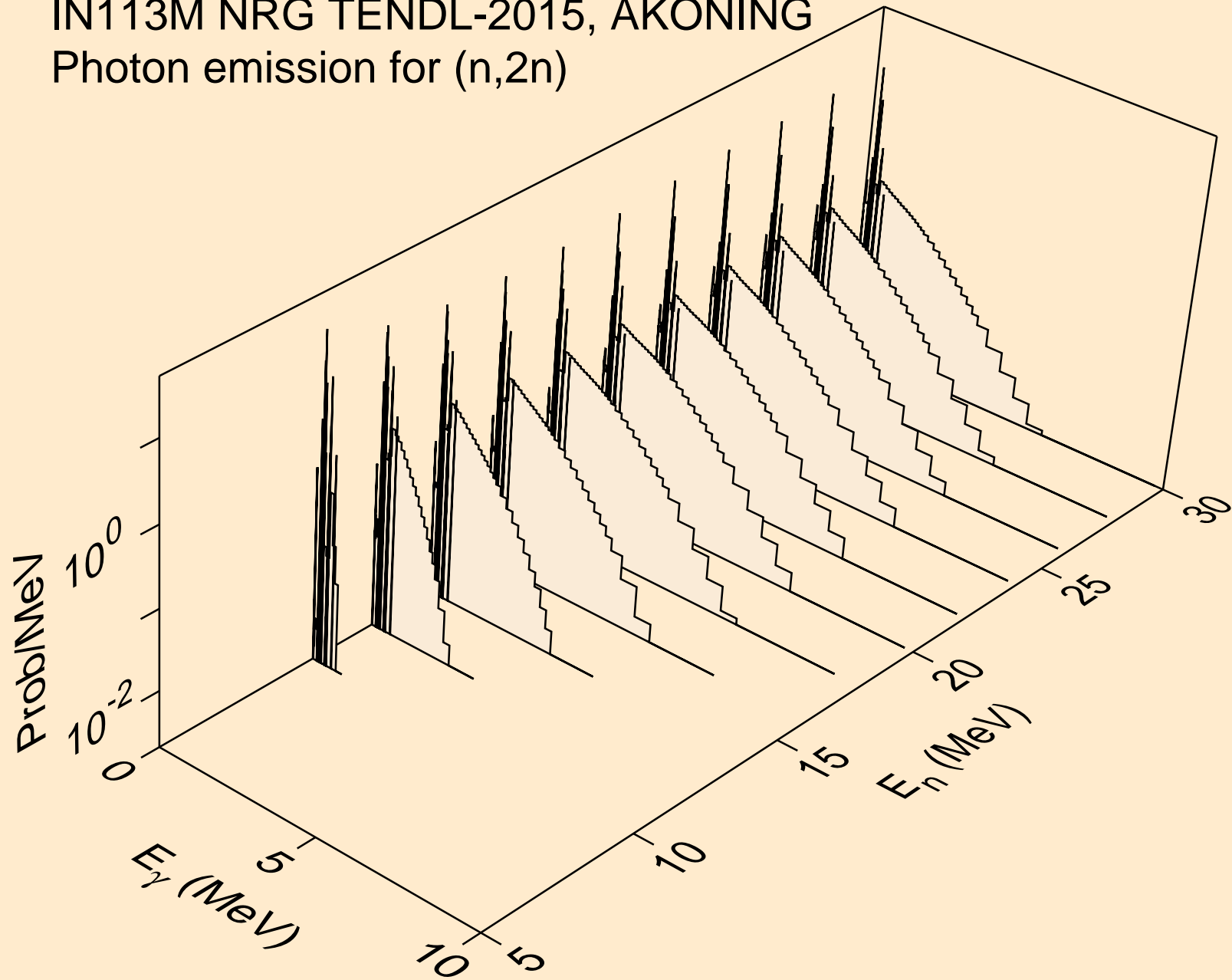
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



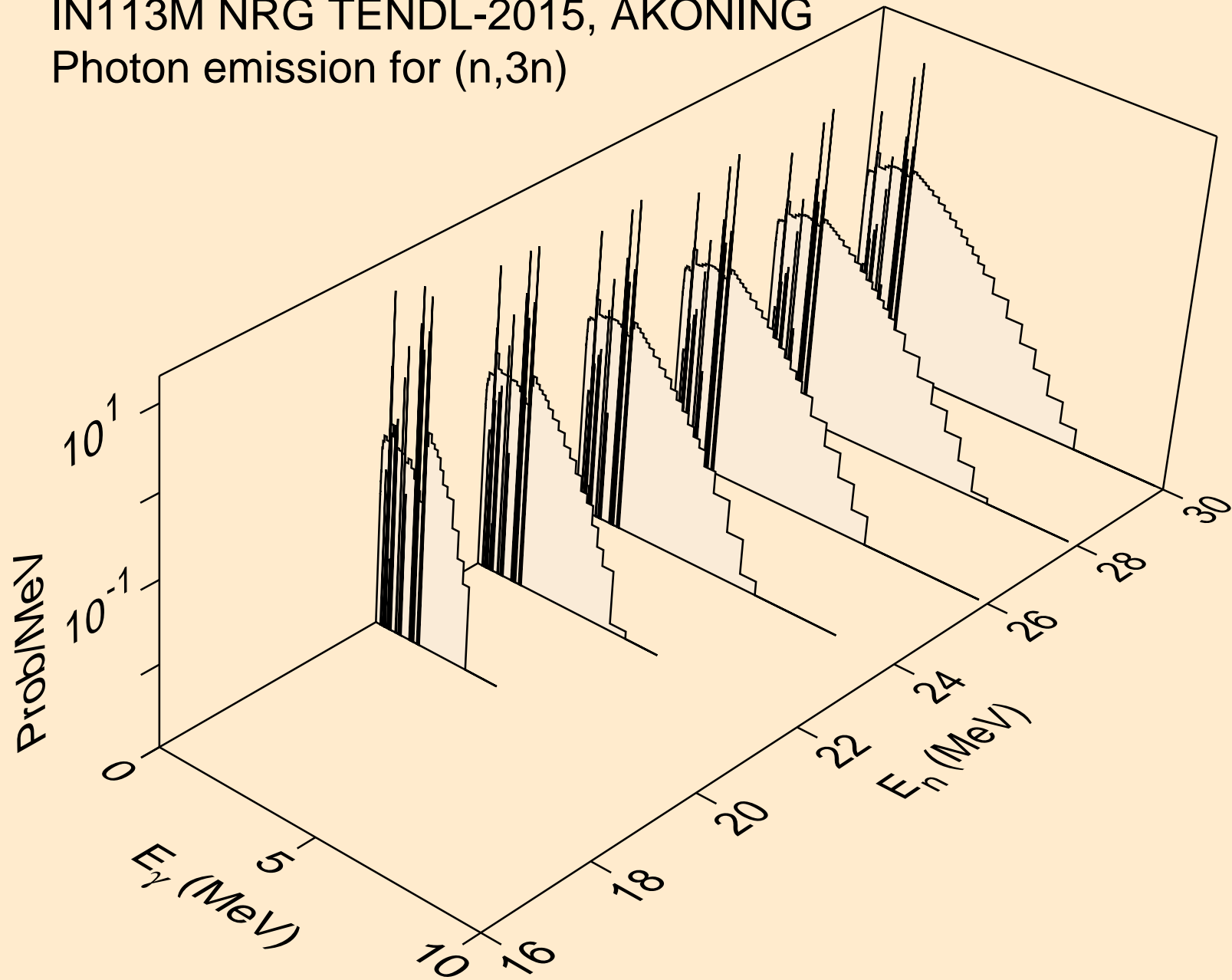
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Photon emission for (n,2nd)



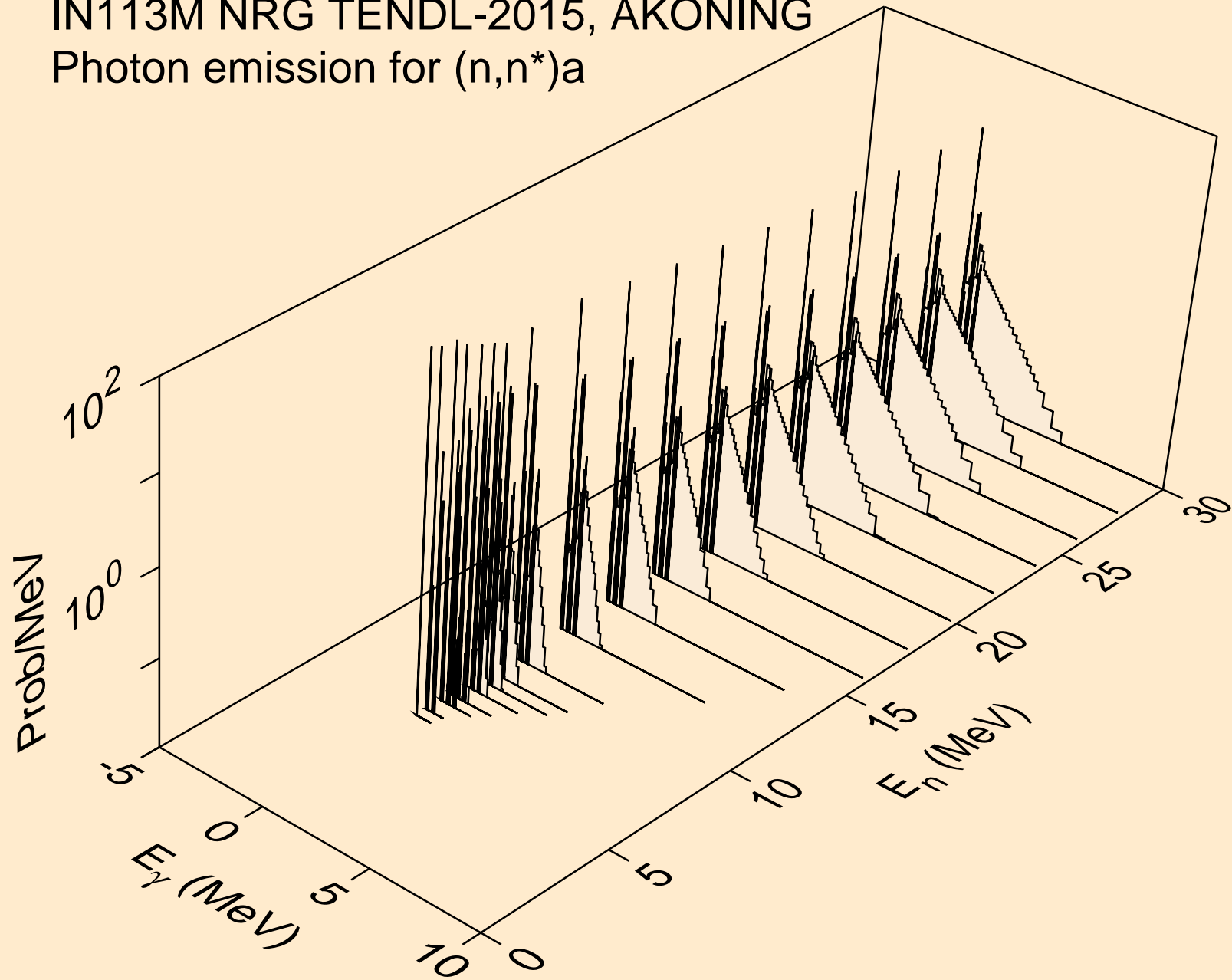
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



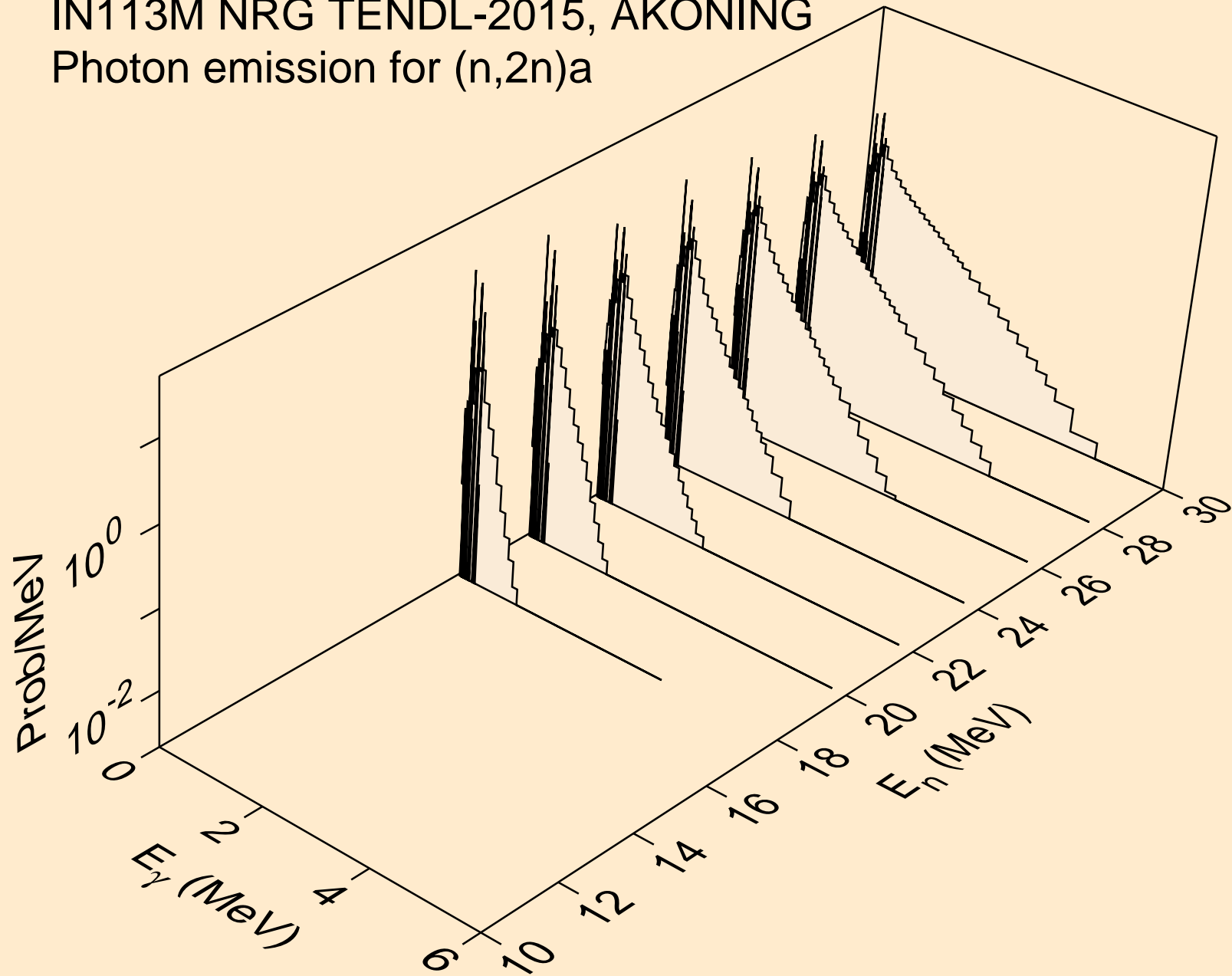
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



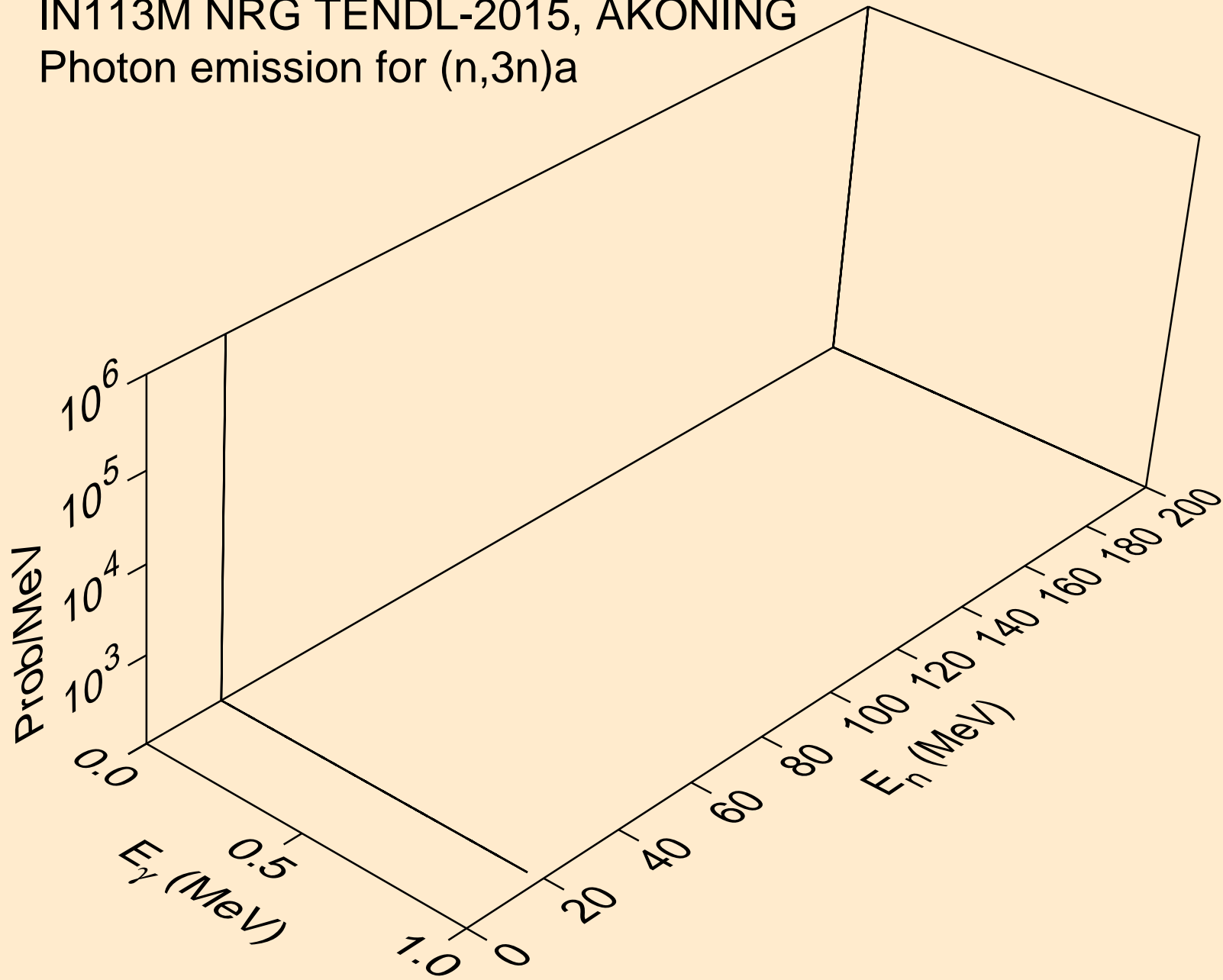
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

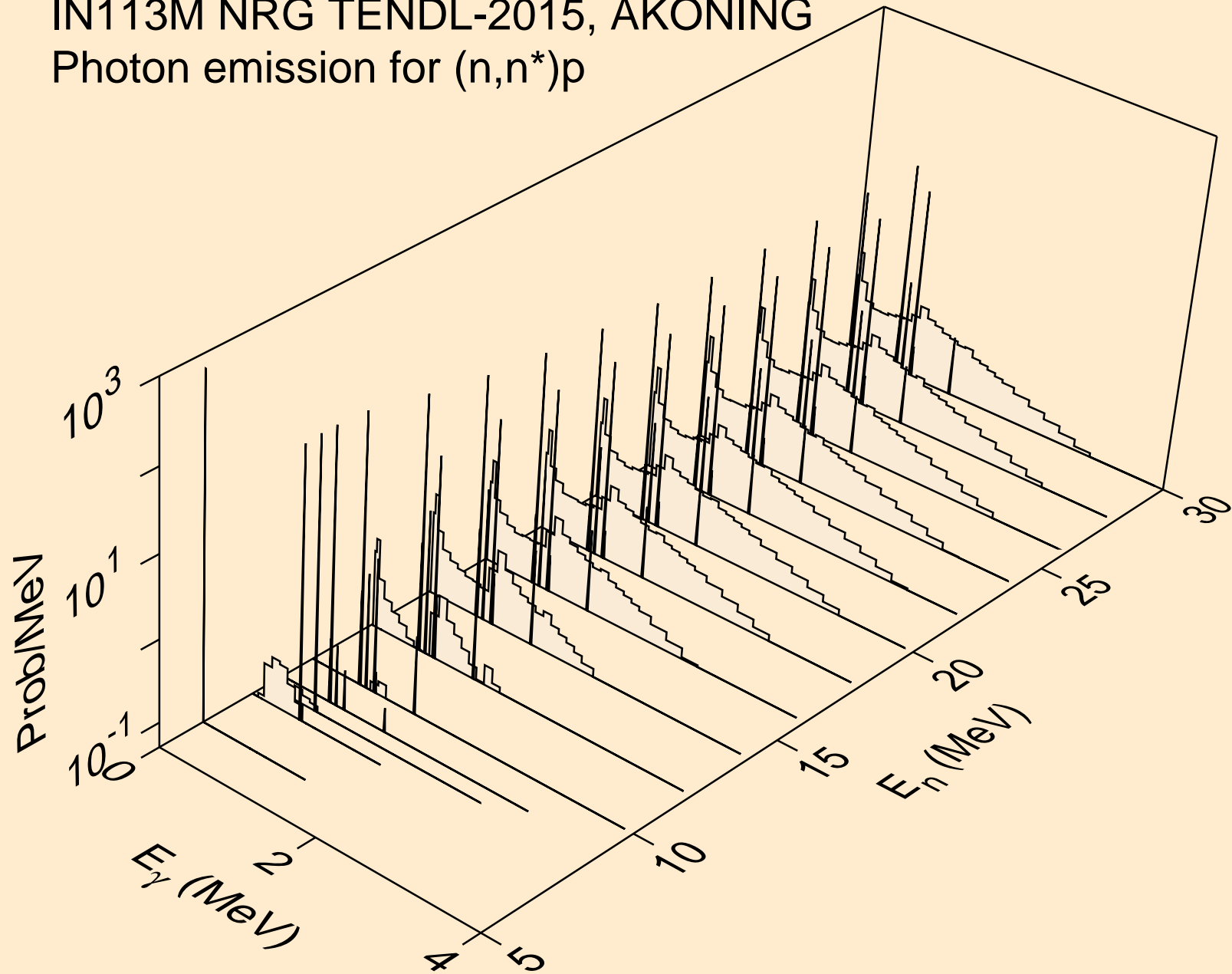


IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

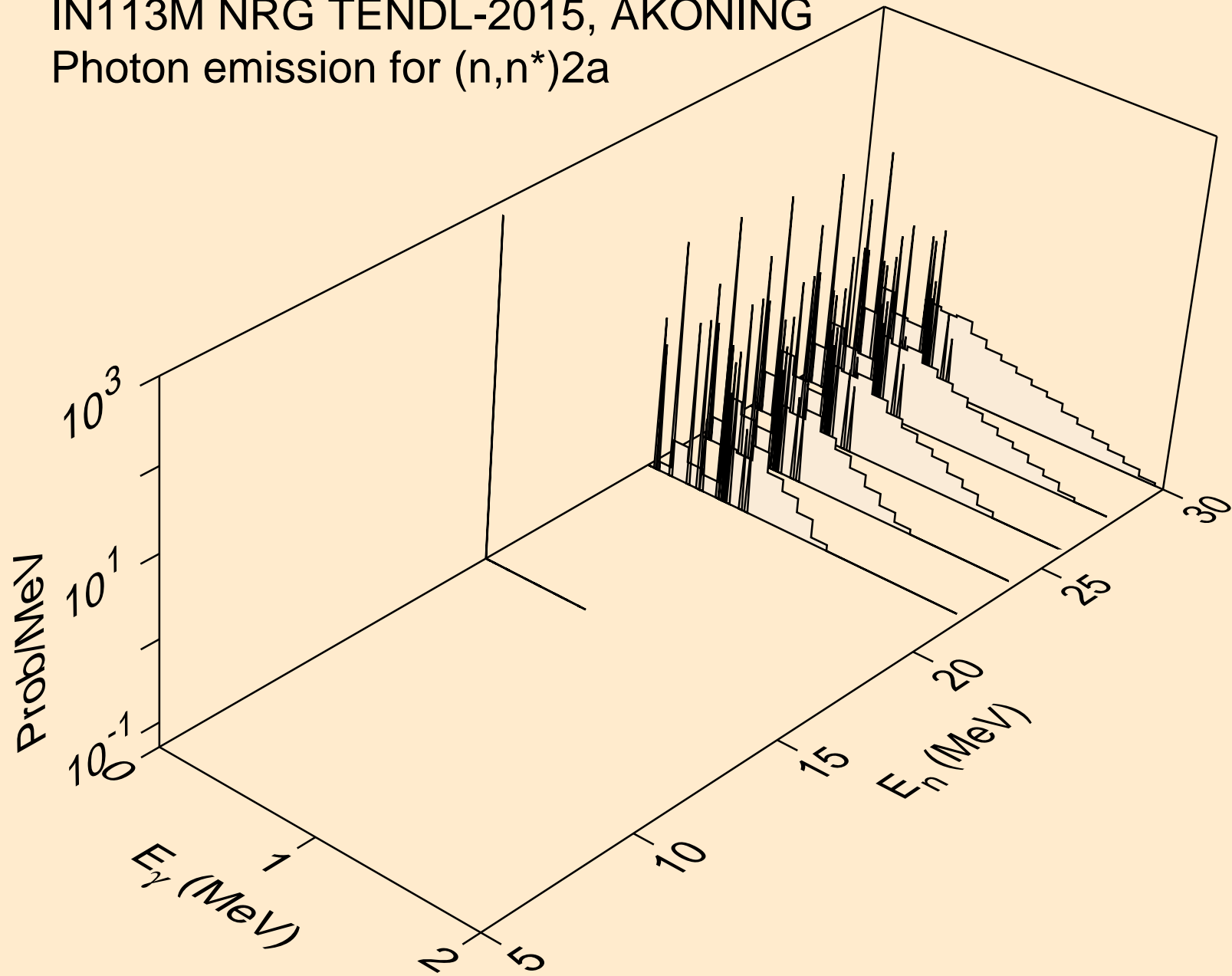




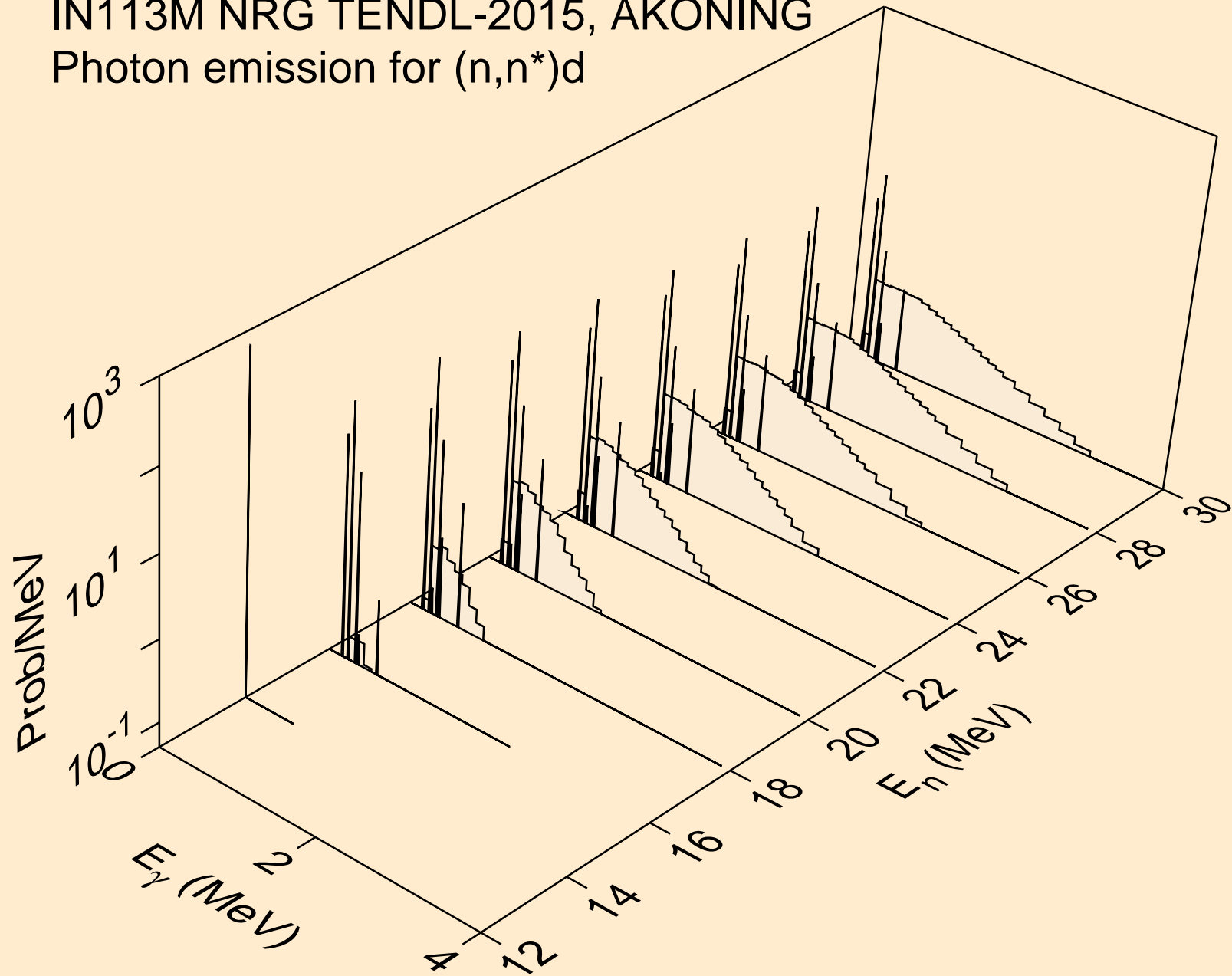
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



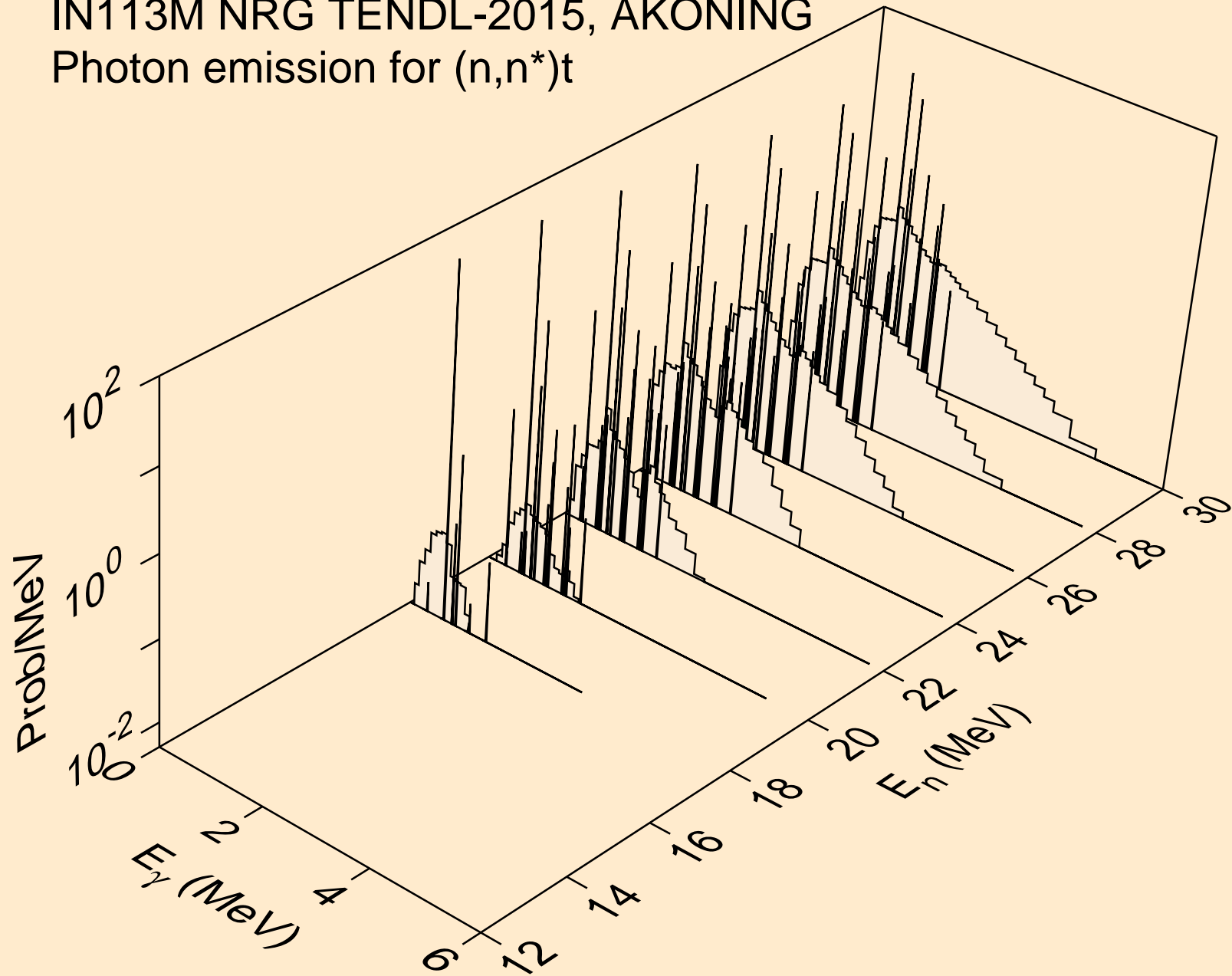
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Photon emission for (n,n\*)2a



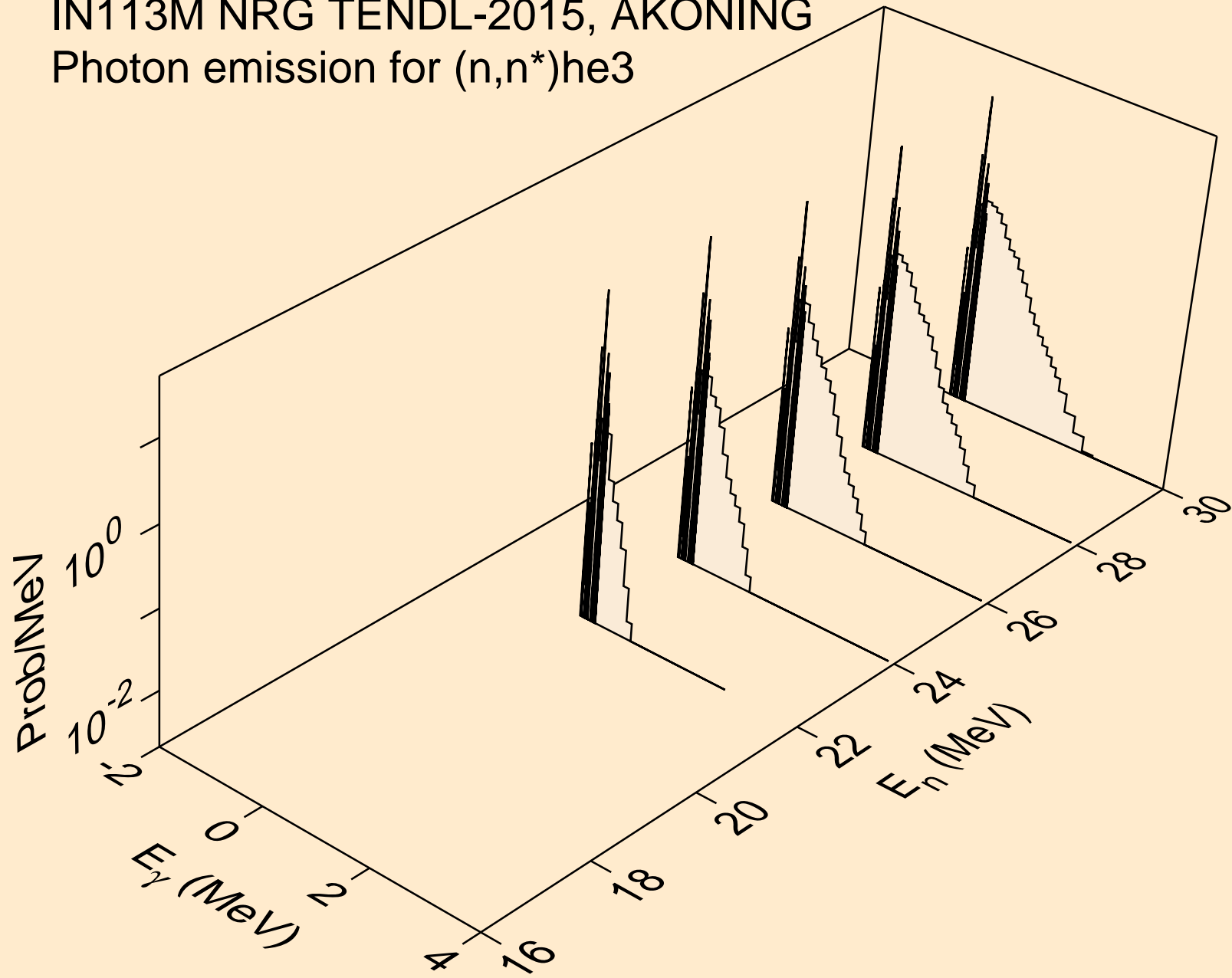
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Photon emission for (n,n\*)d



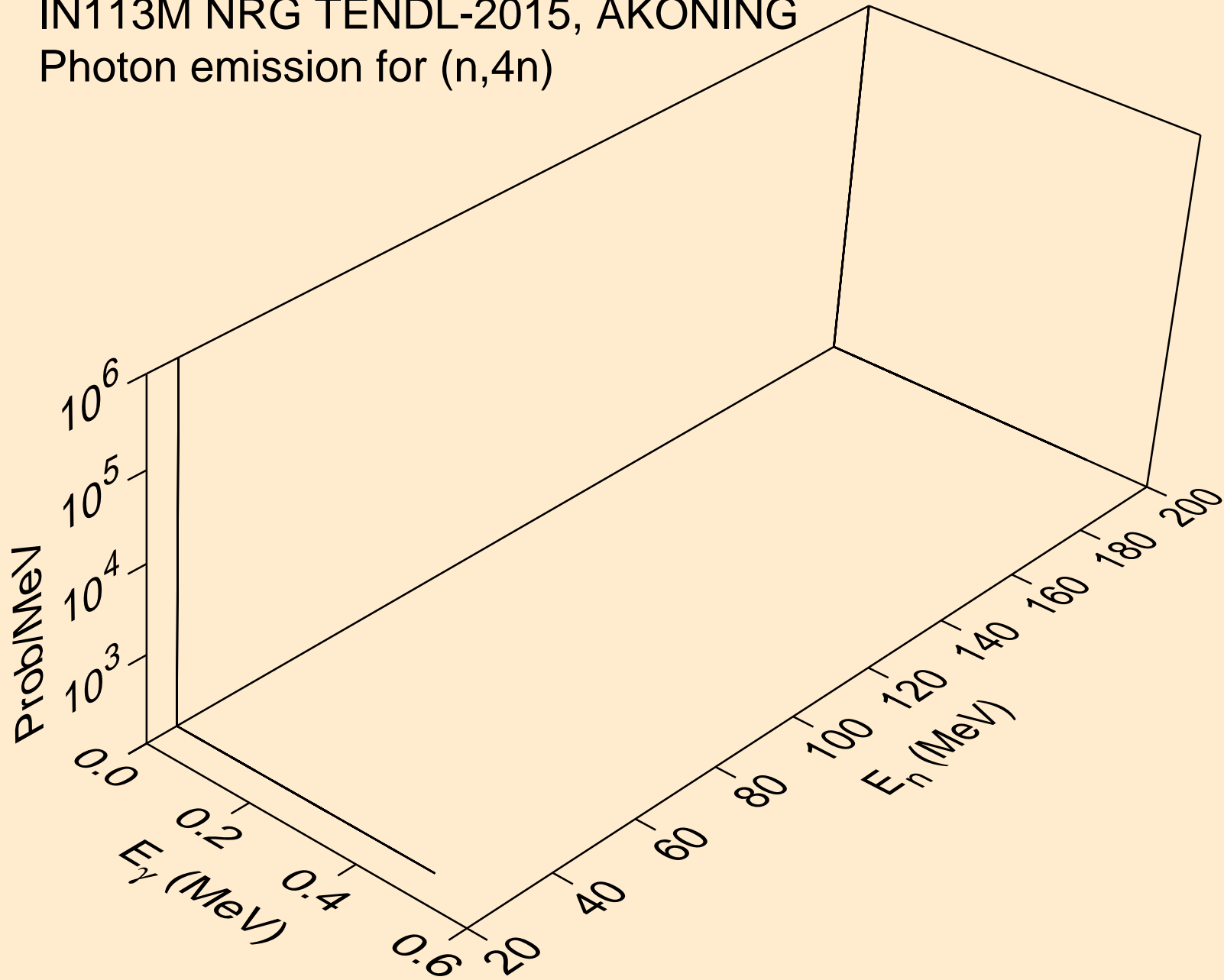
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Photon emission for (n,n\*)t



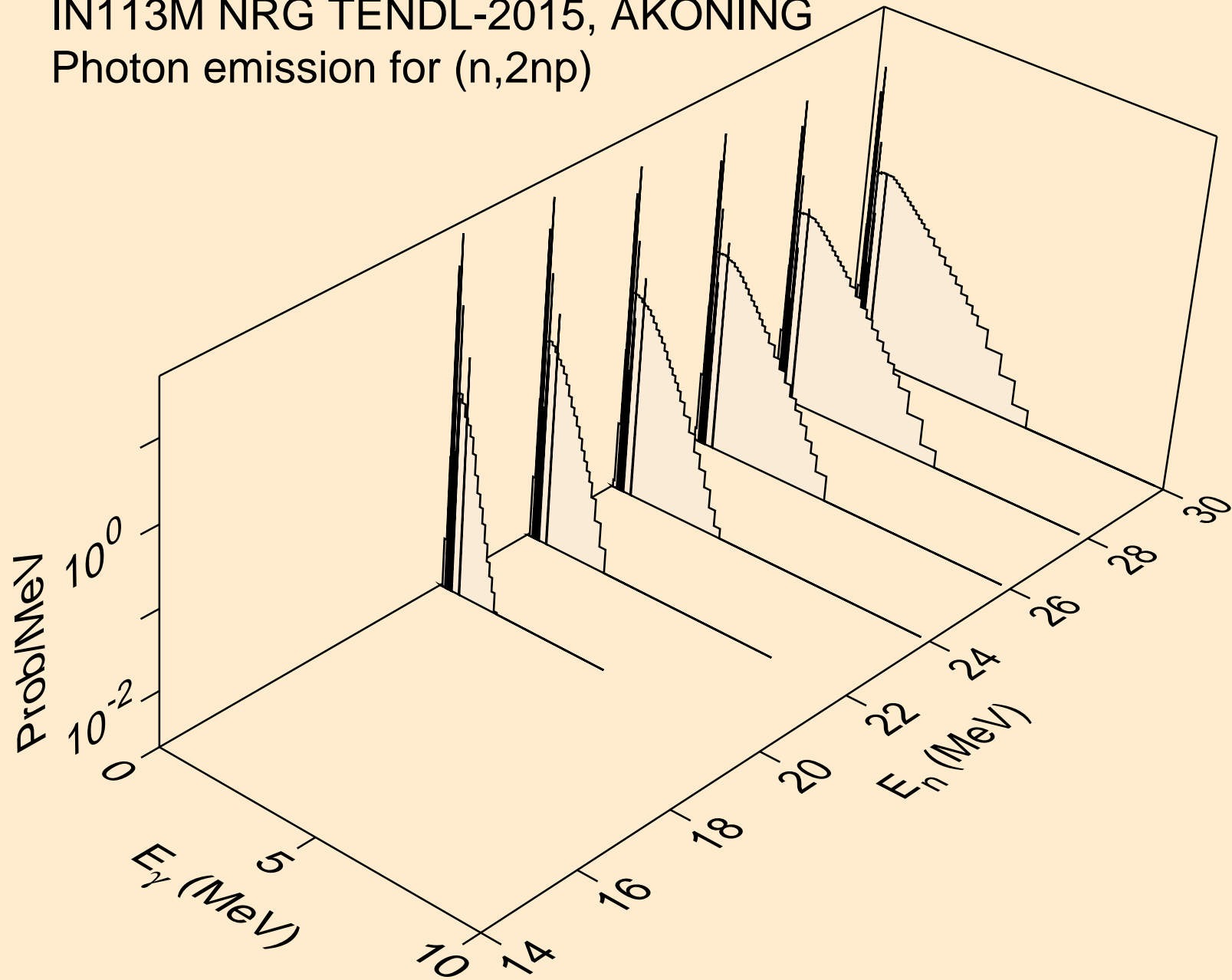
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



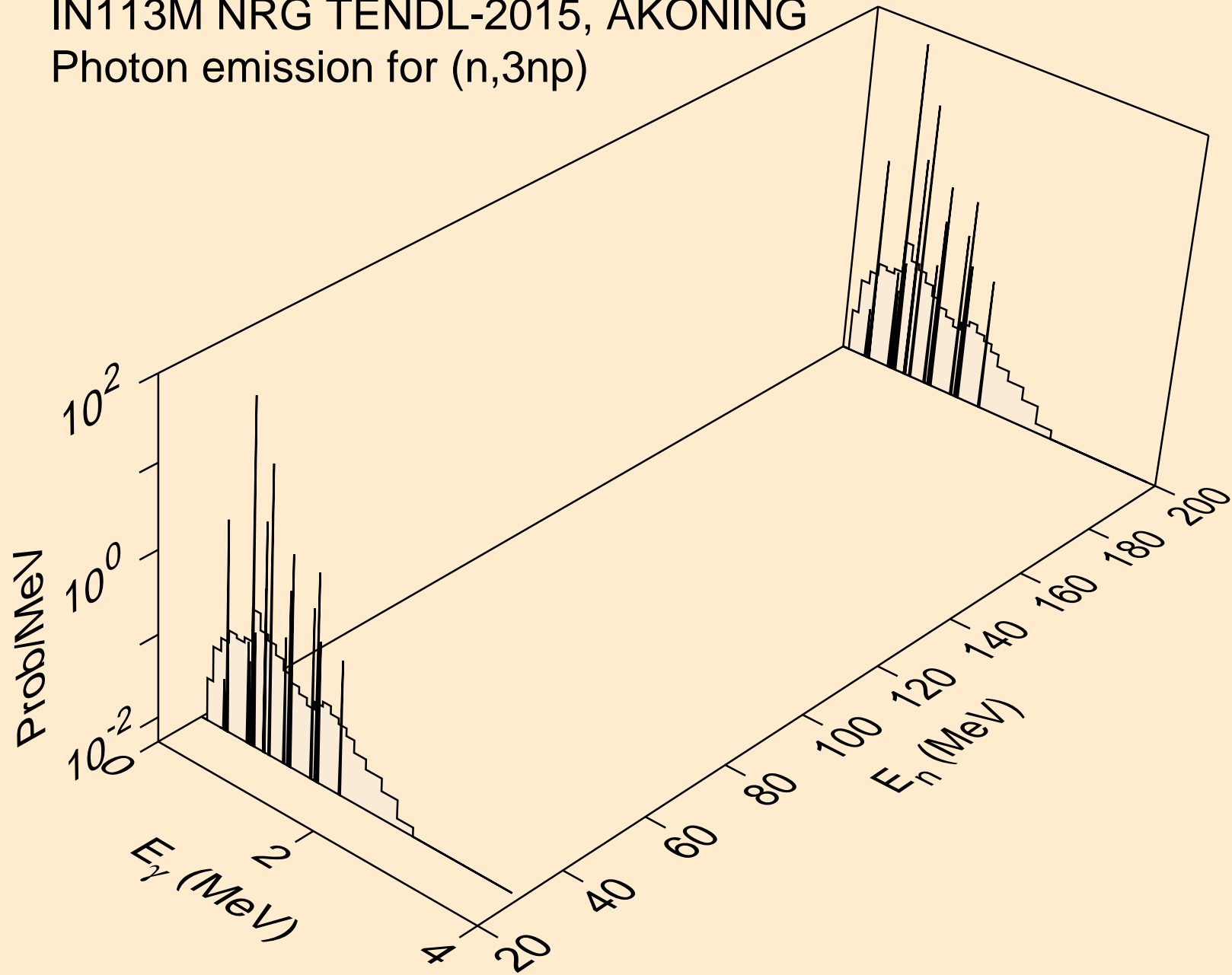
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Photon emission for (n,4n)



IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

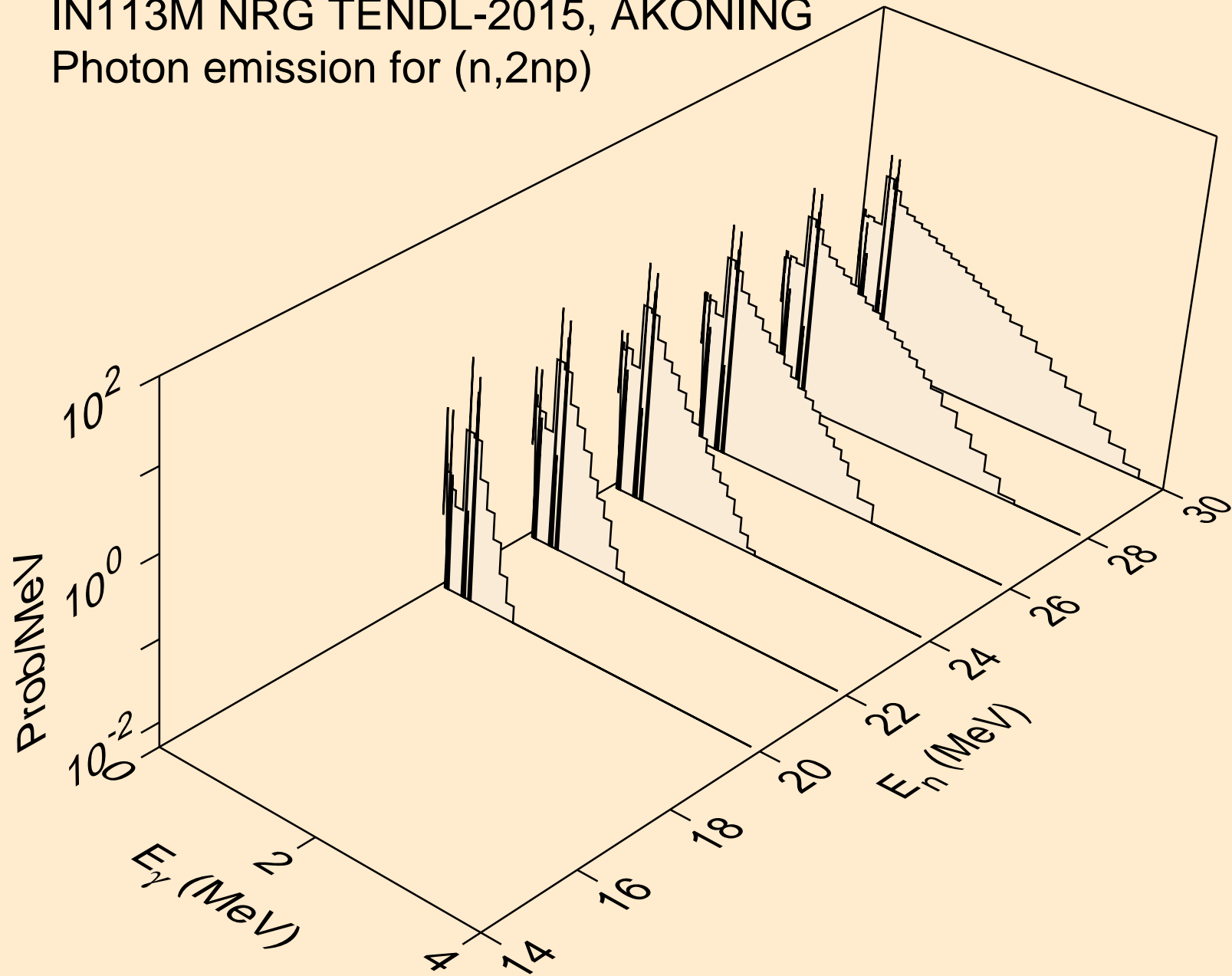


IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

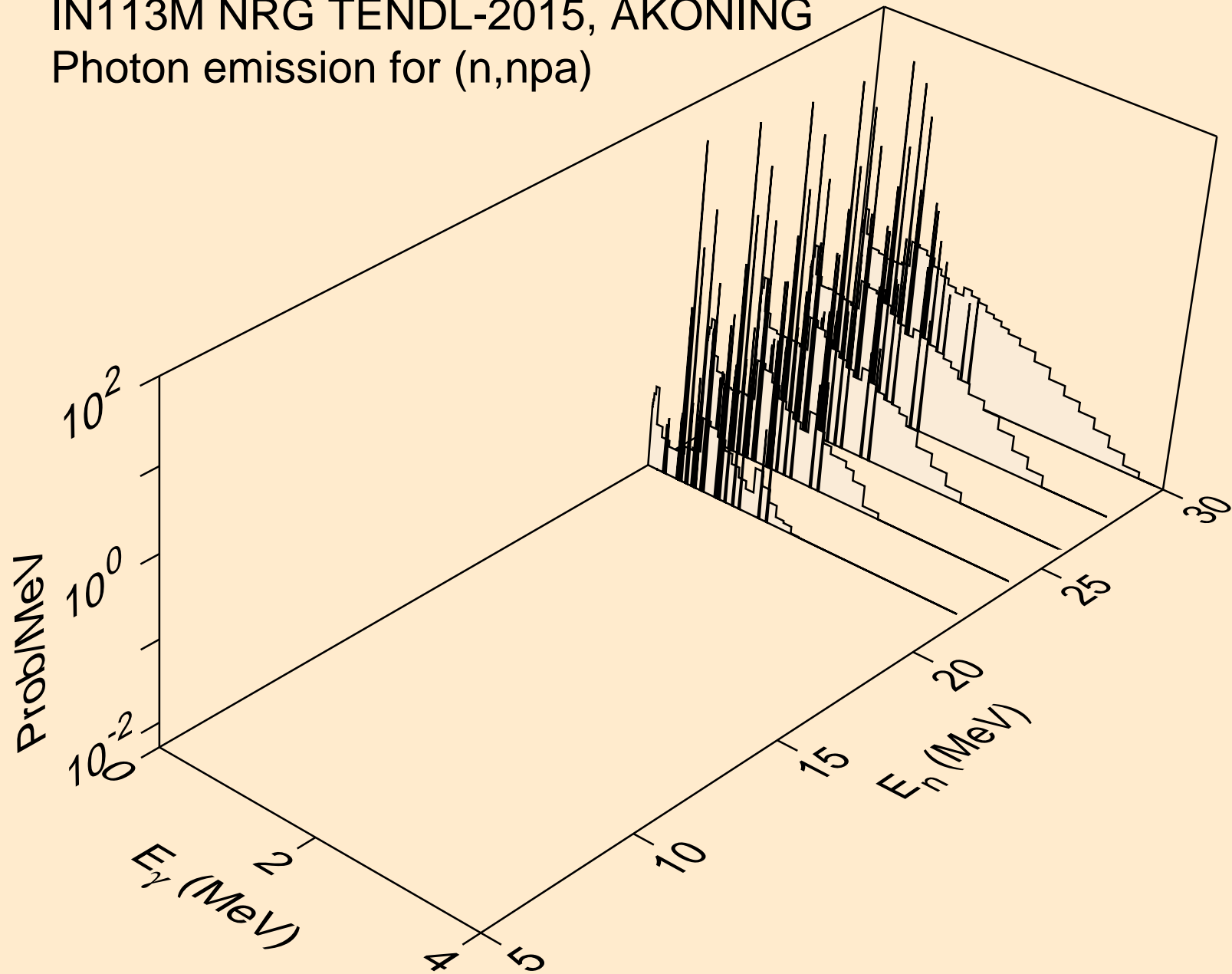




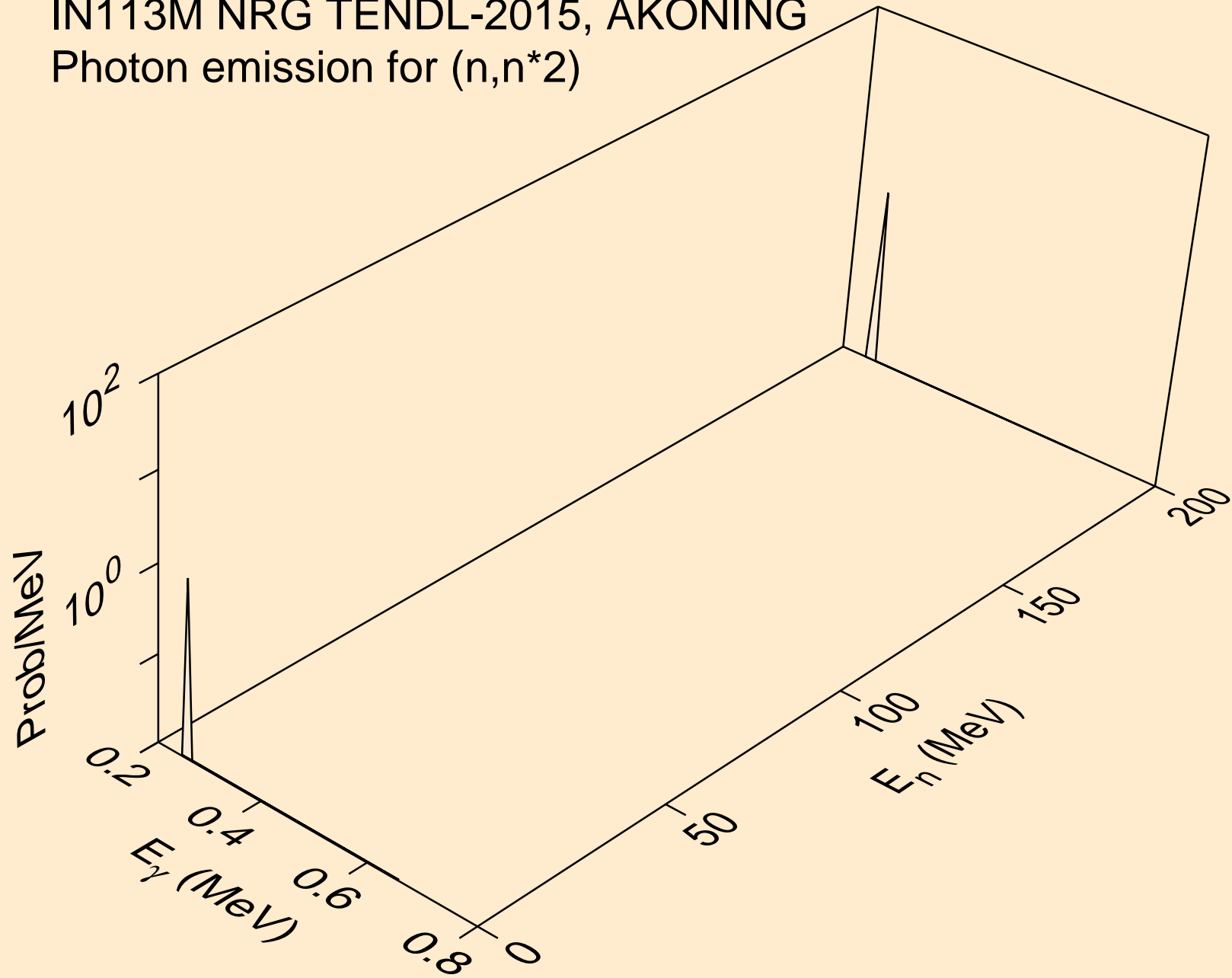
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Photon emission for (n,2np)



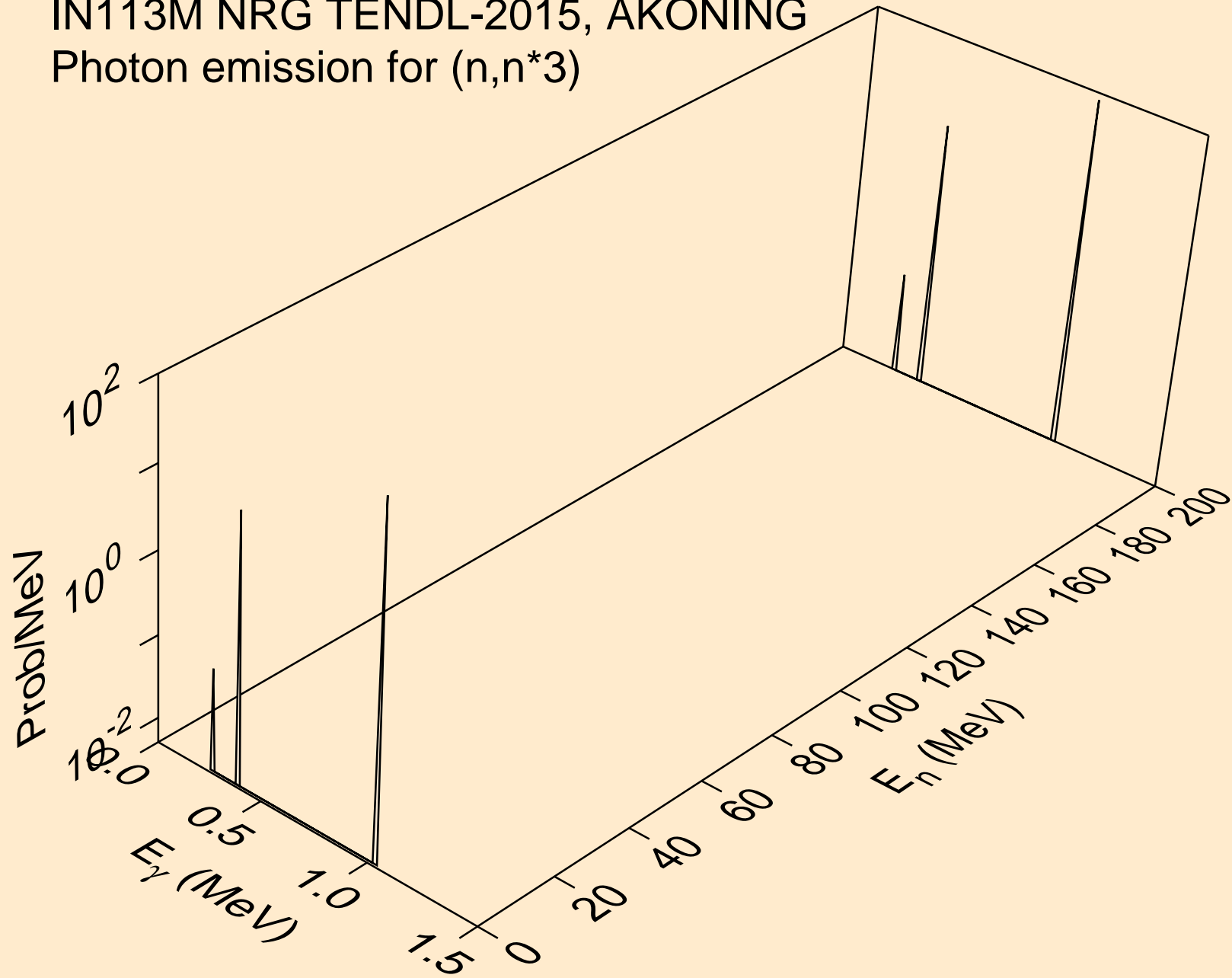
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



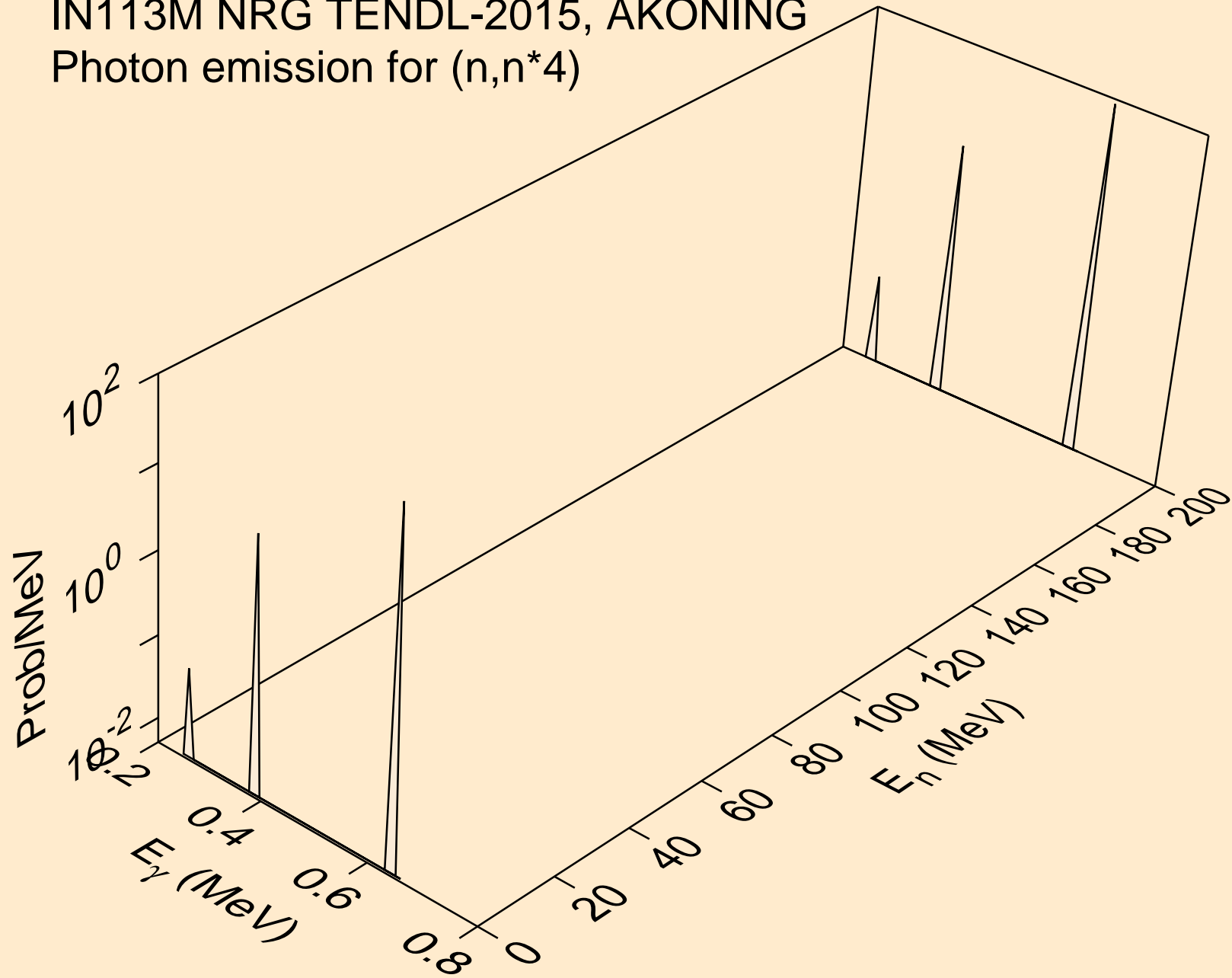
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Photon emission for (n,n\*2)



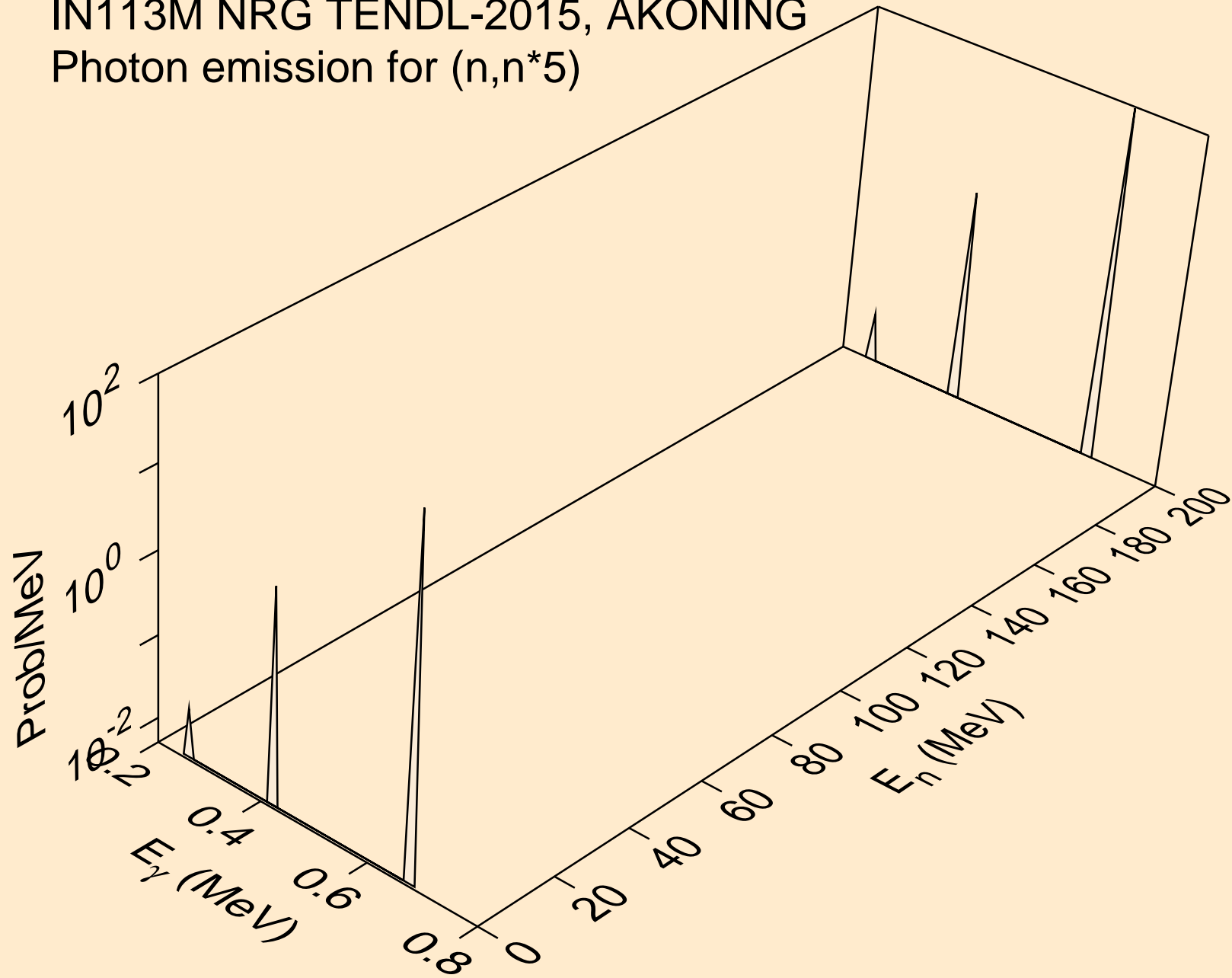
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)



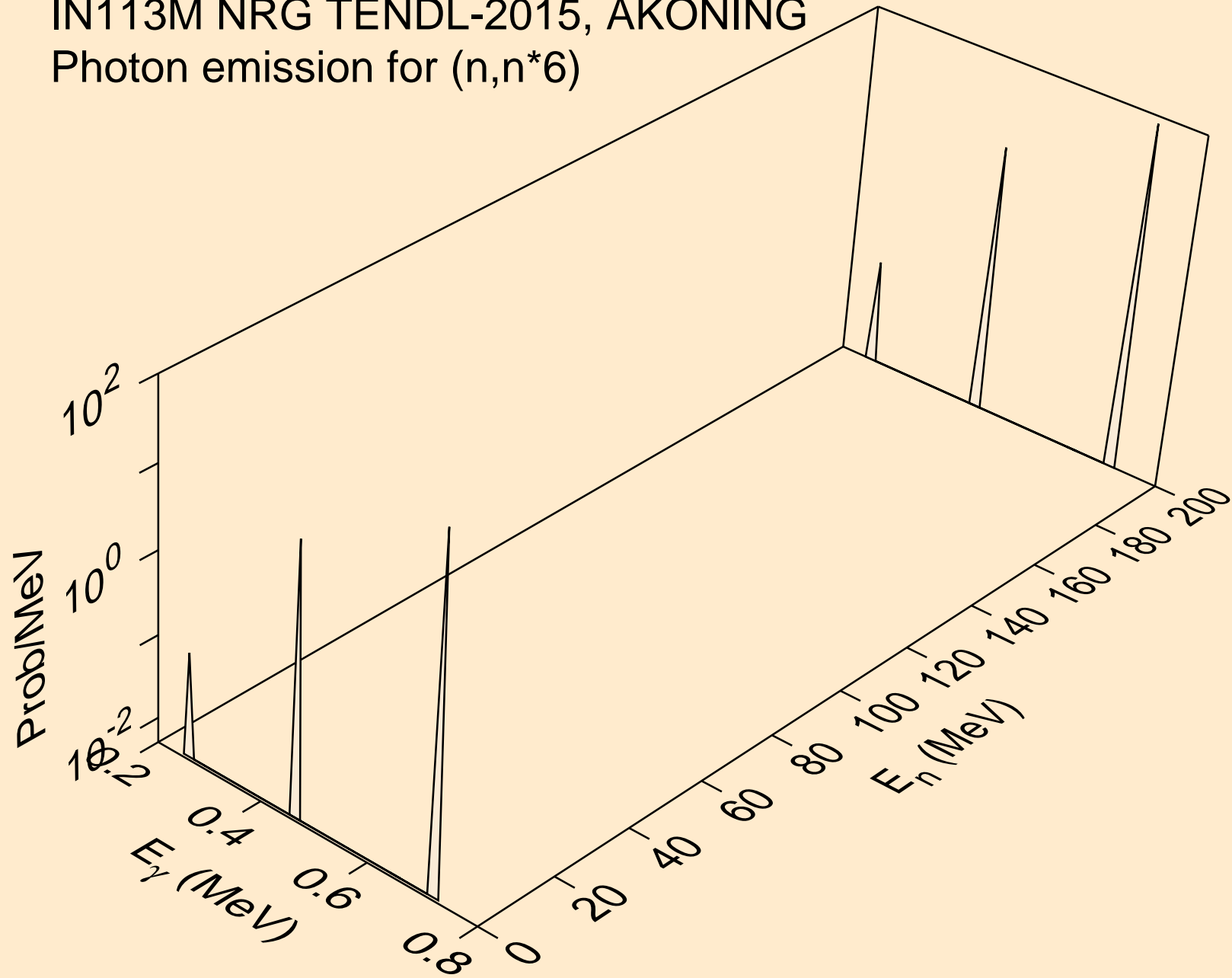
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)



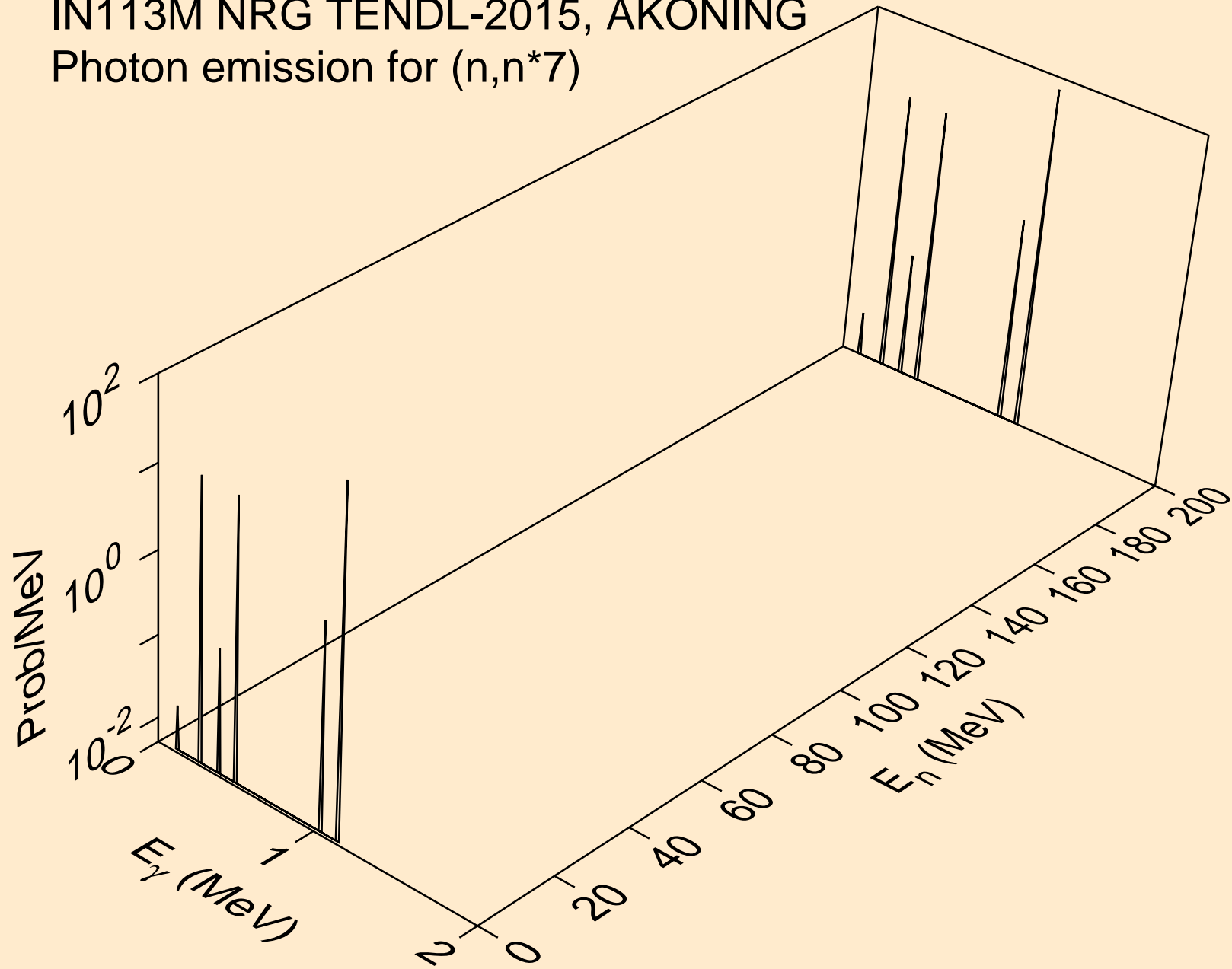
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)

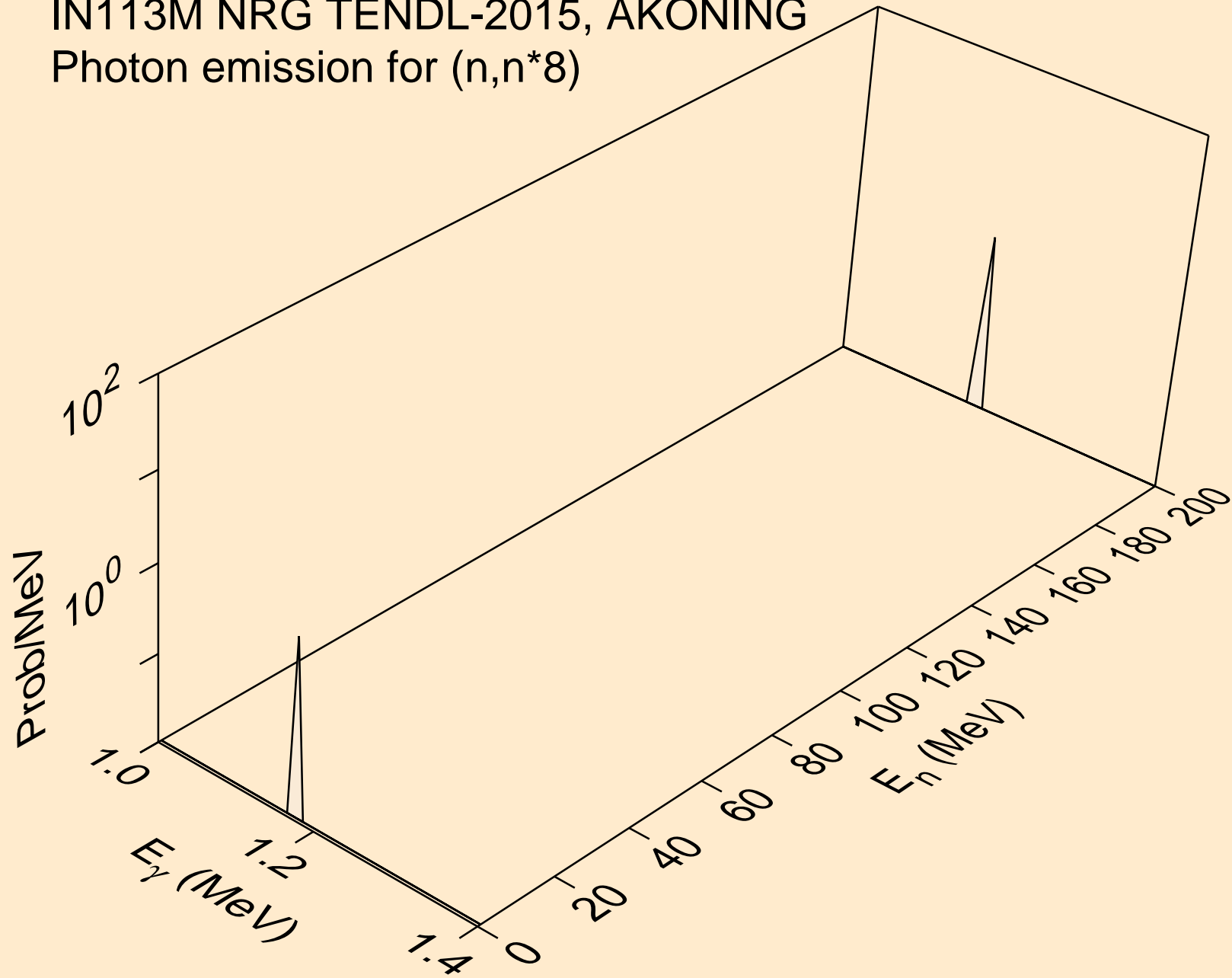


IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)

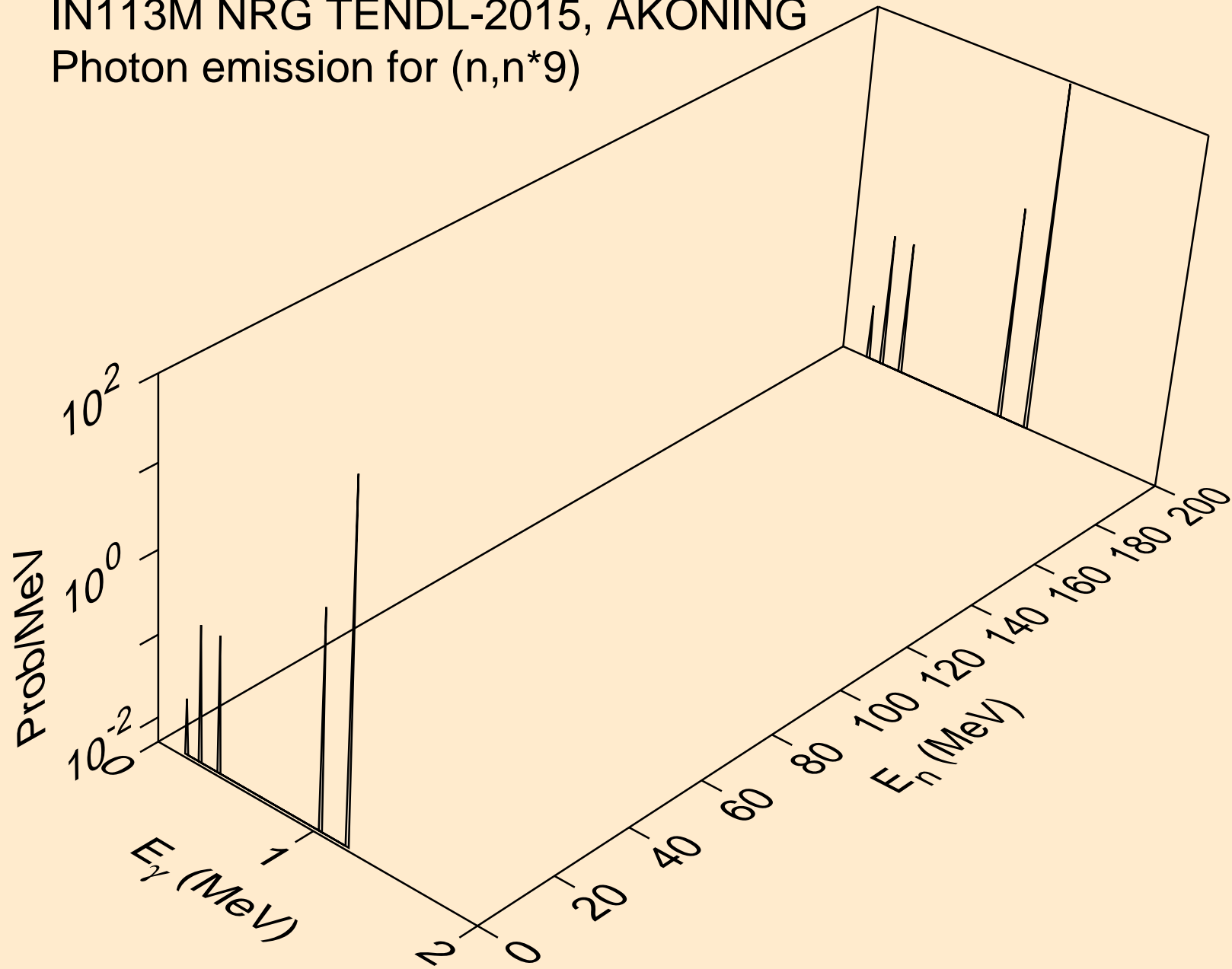




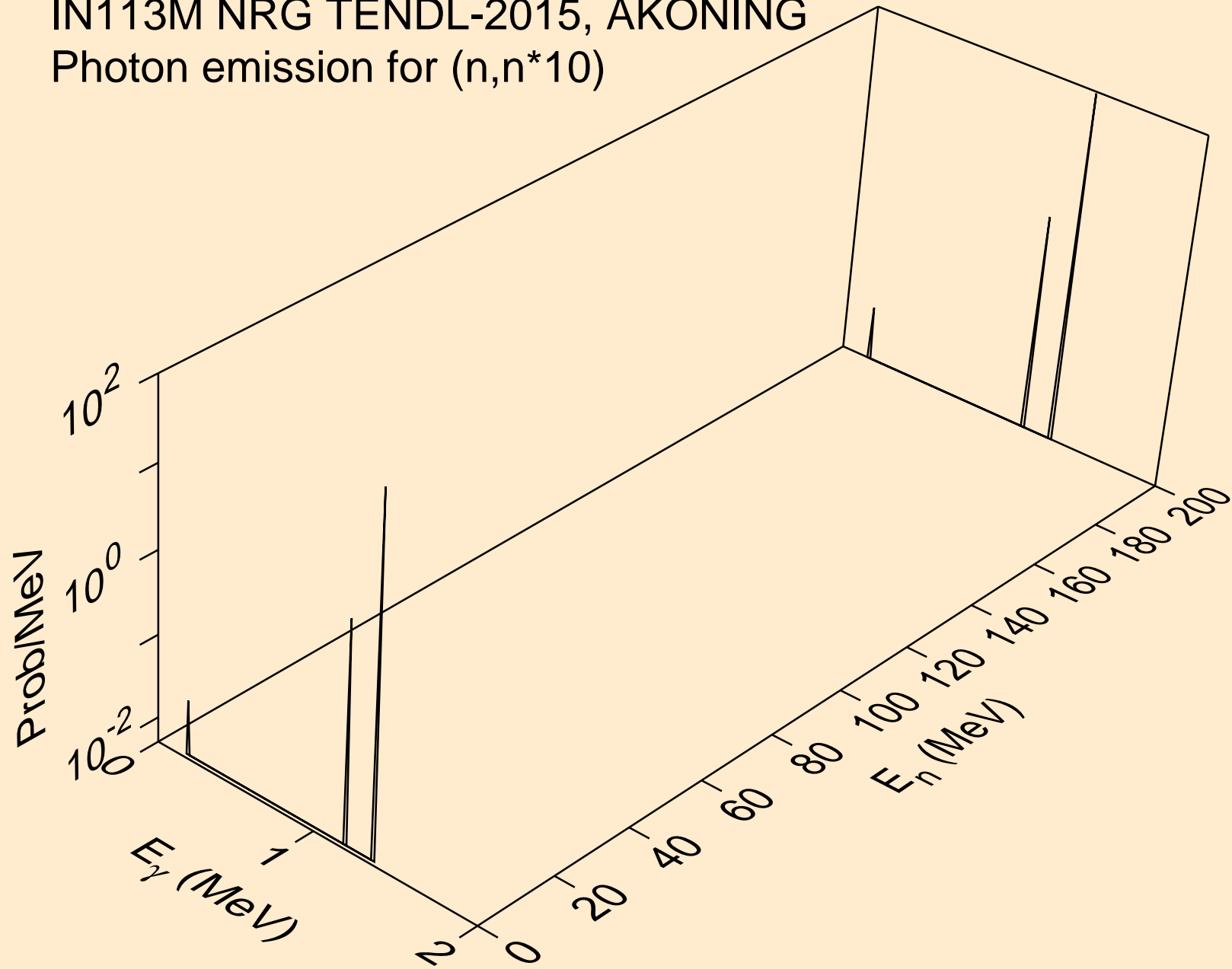
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Photon emission for (n,n\*8)



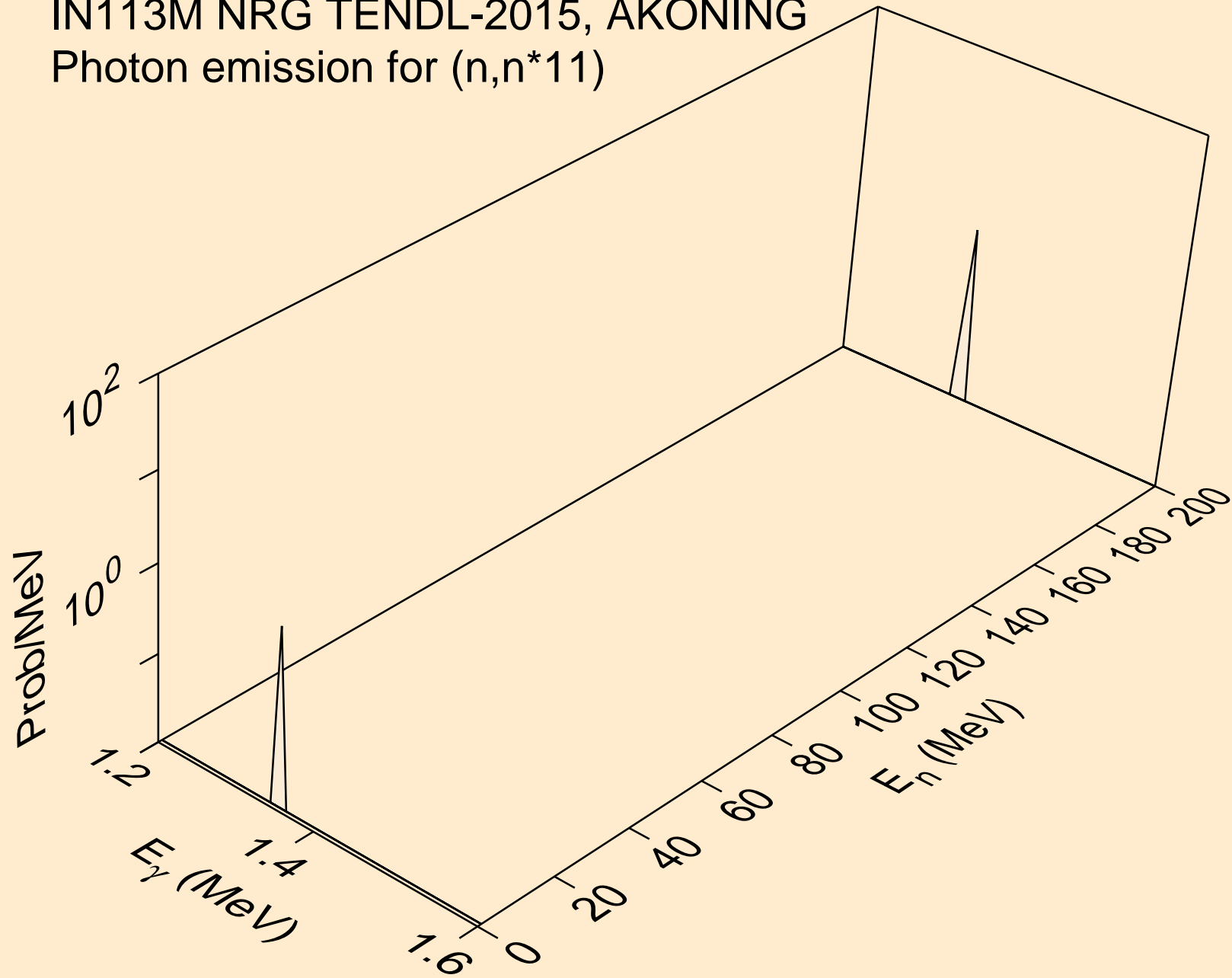
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)



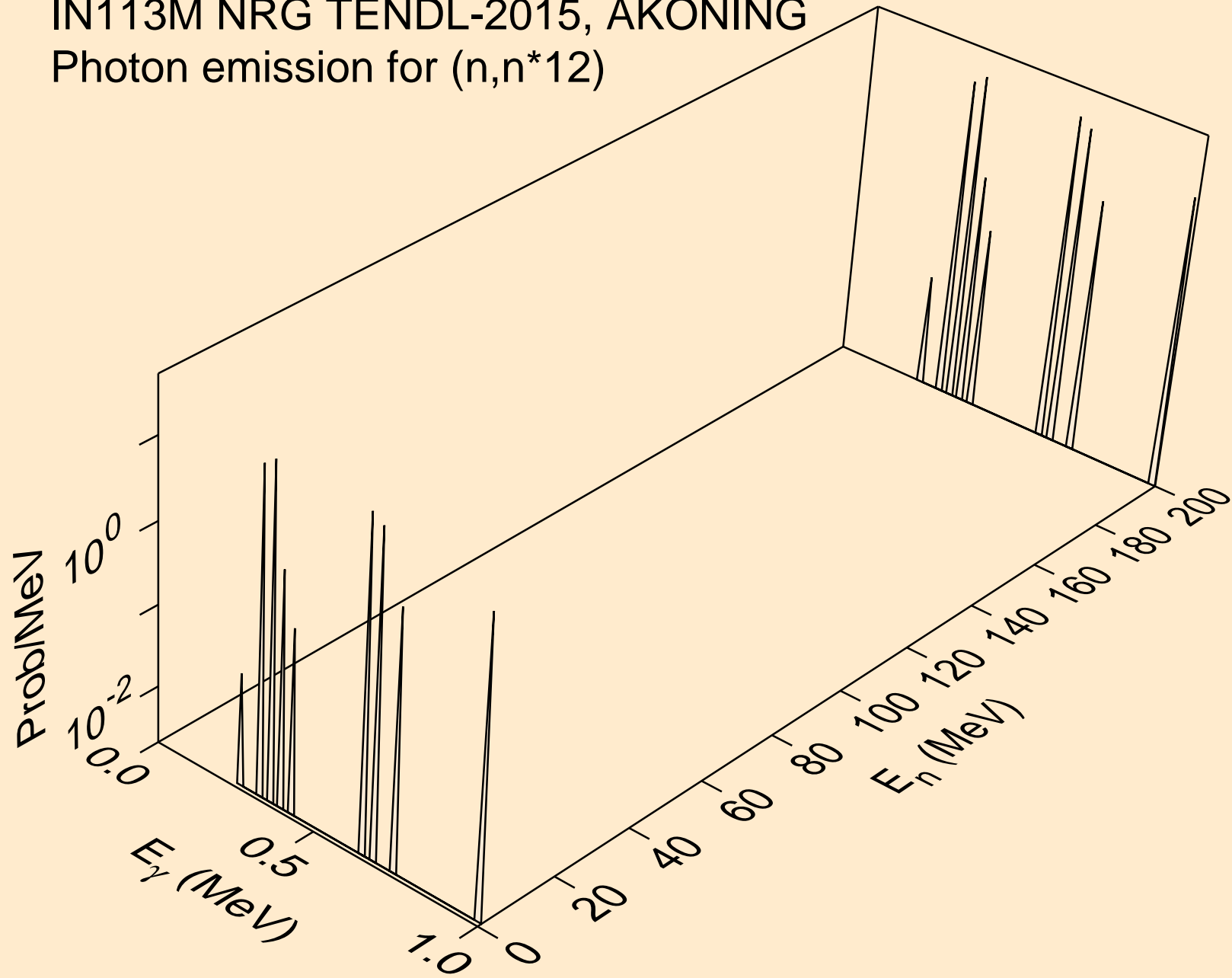
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Photon emission for (n,n\*10)



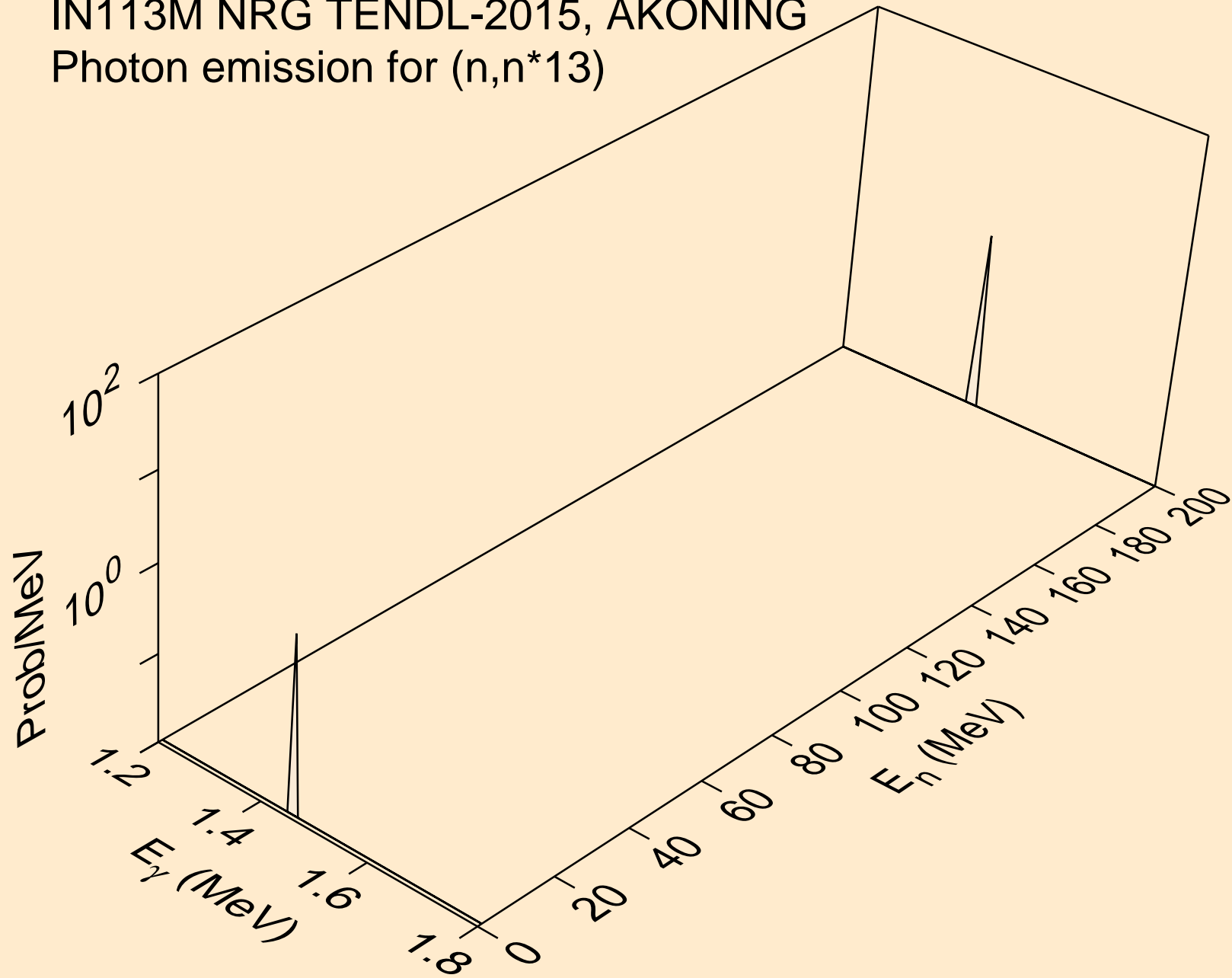
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Photon emission for (n,n\*11)



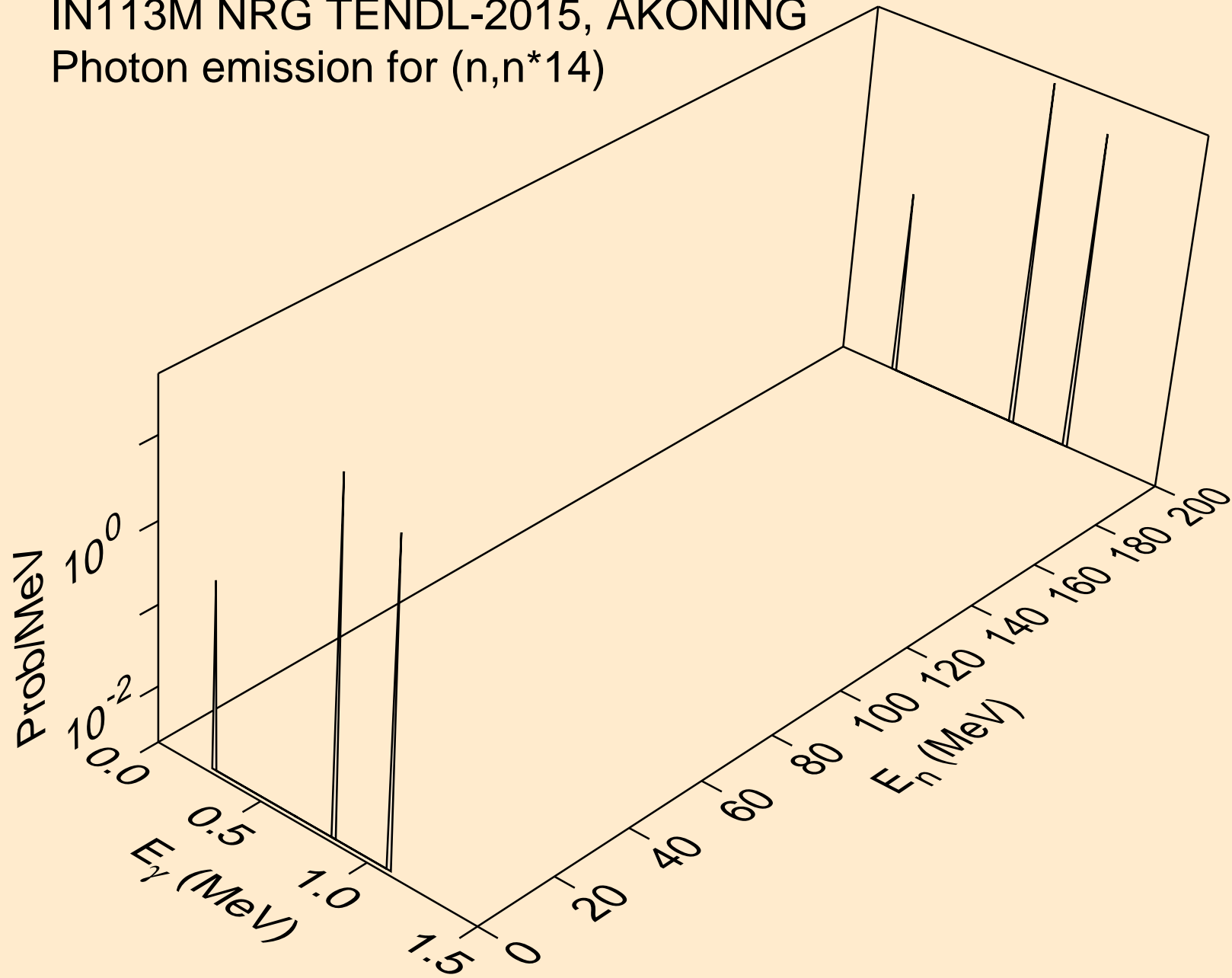
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Photon emission for (n,n\*12)



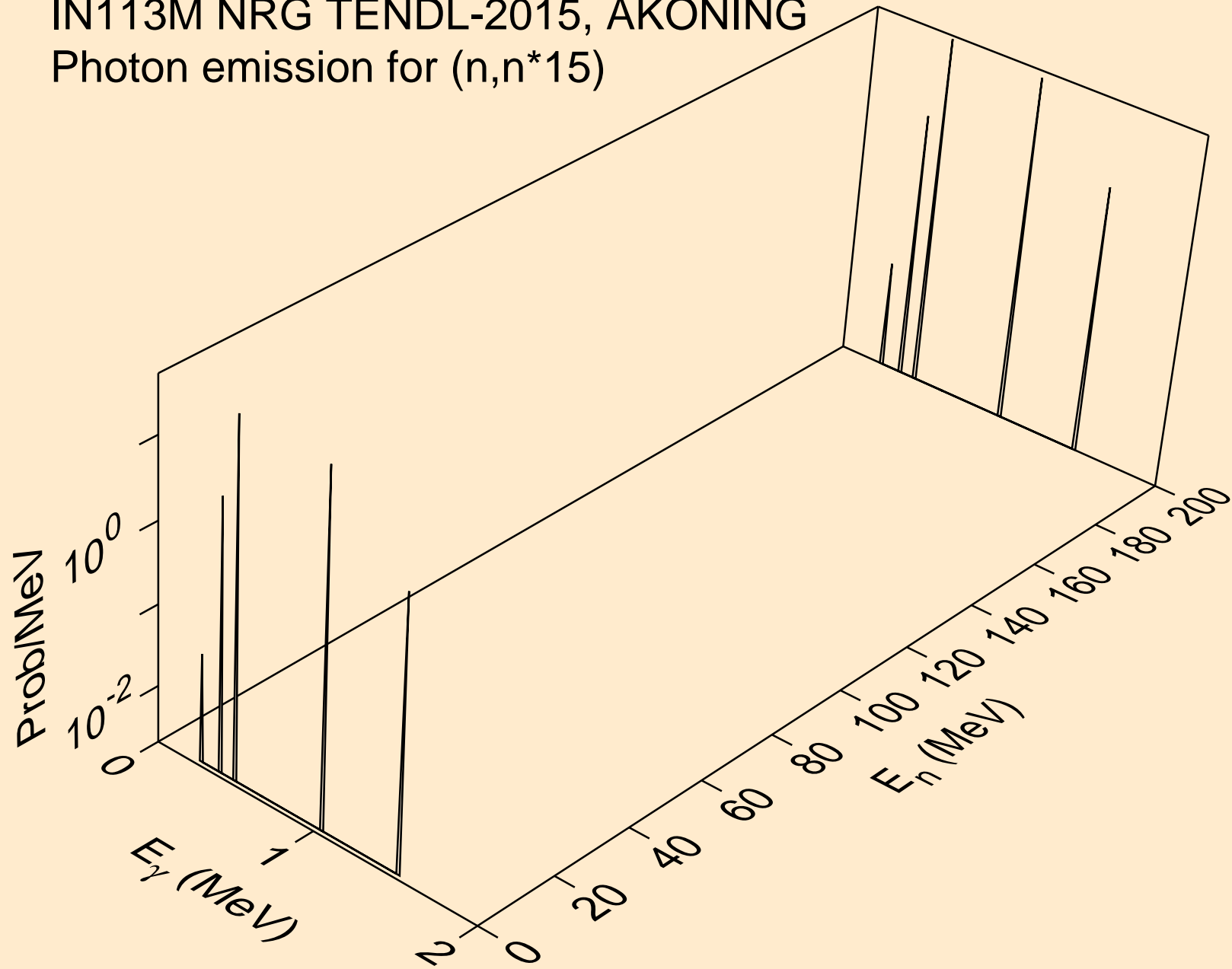
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Photon emission for (n,n\*13)



IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*14)

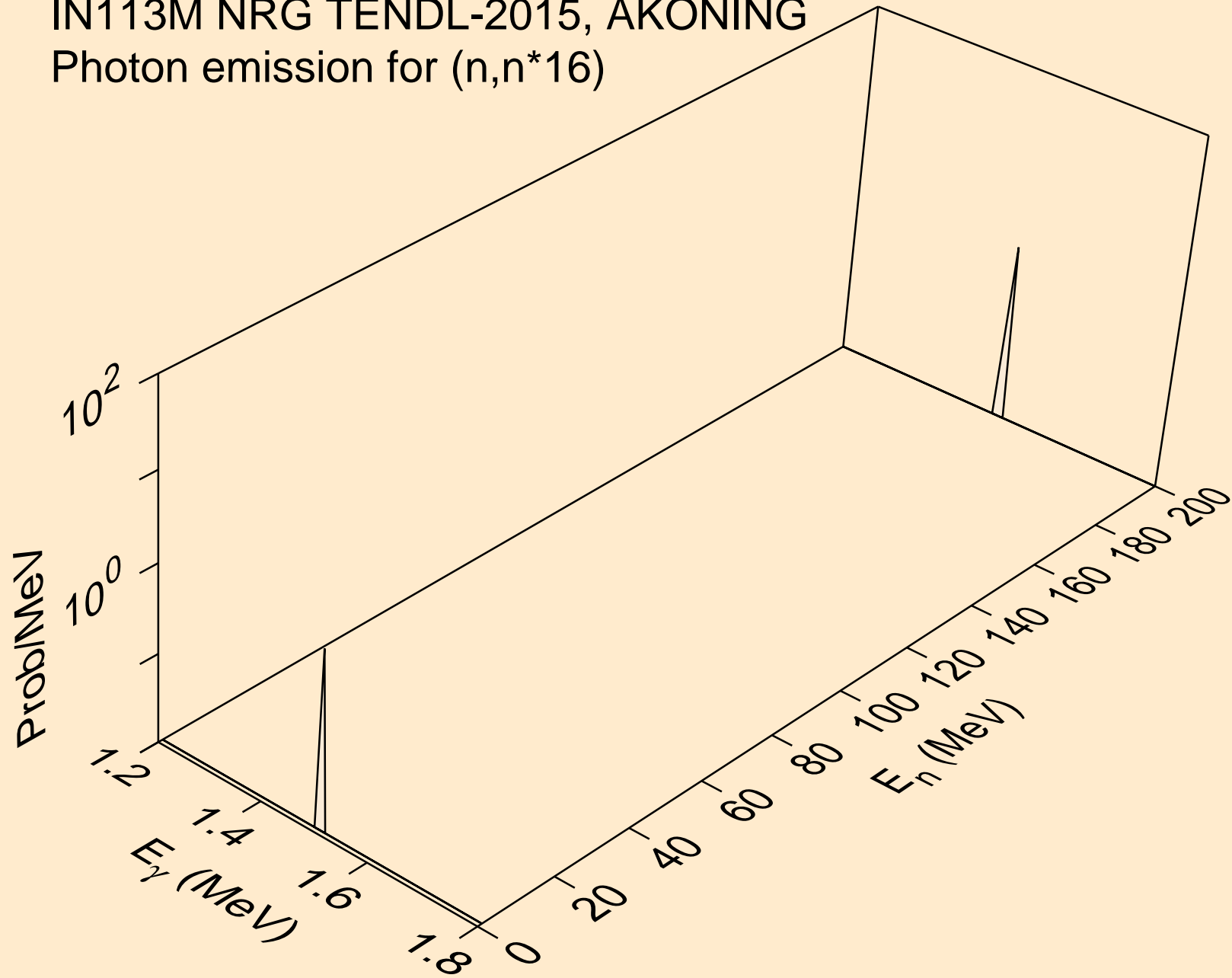


IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)

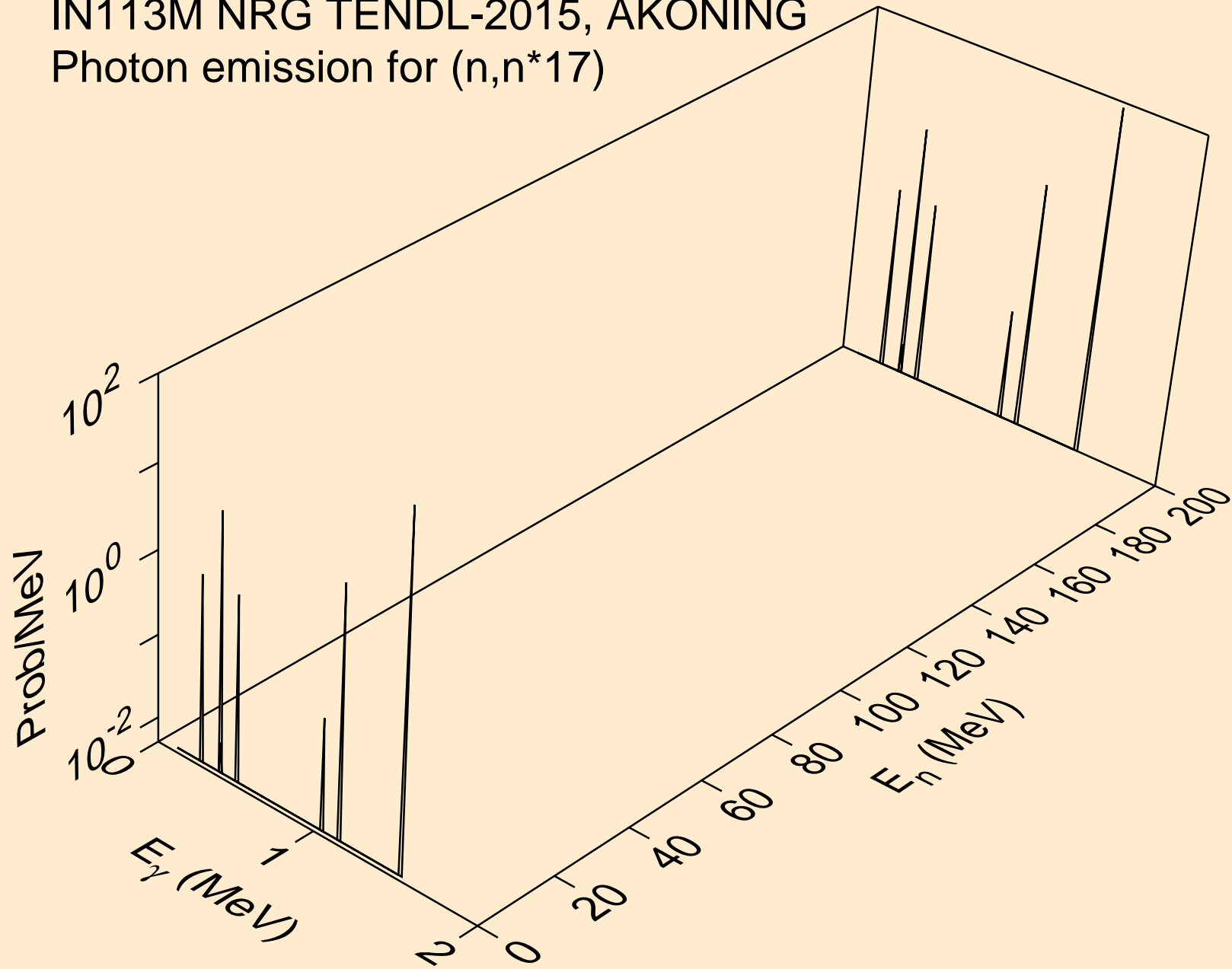




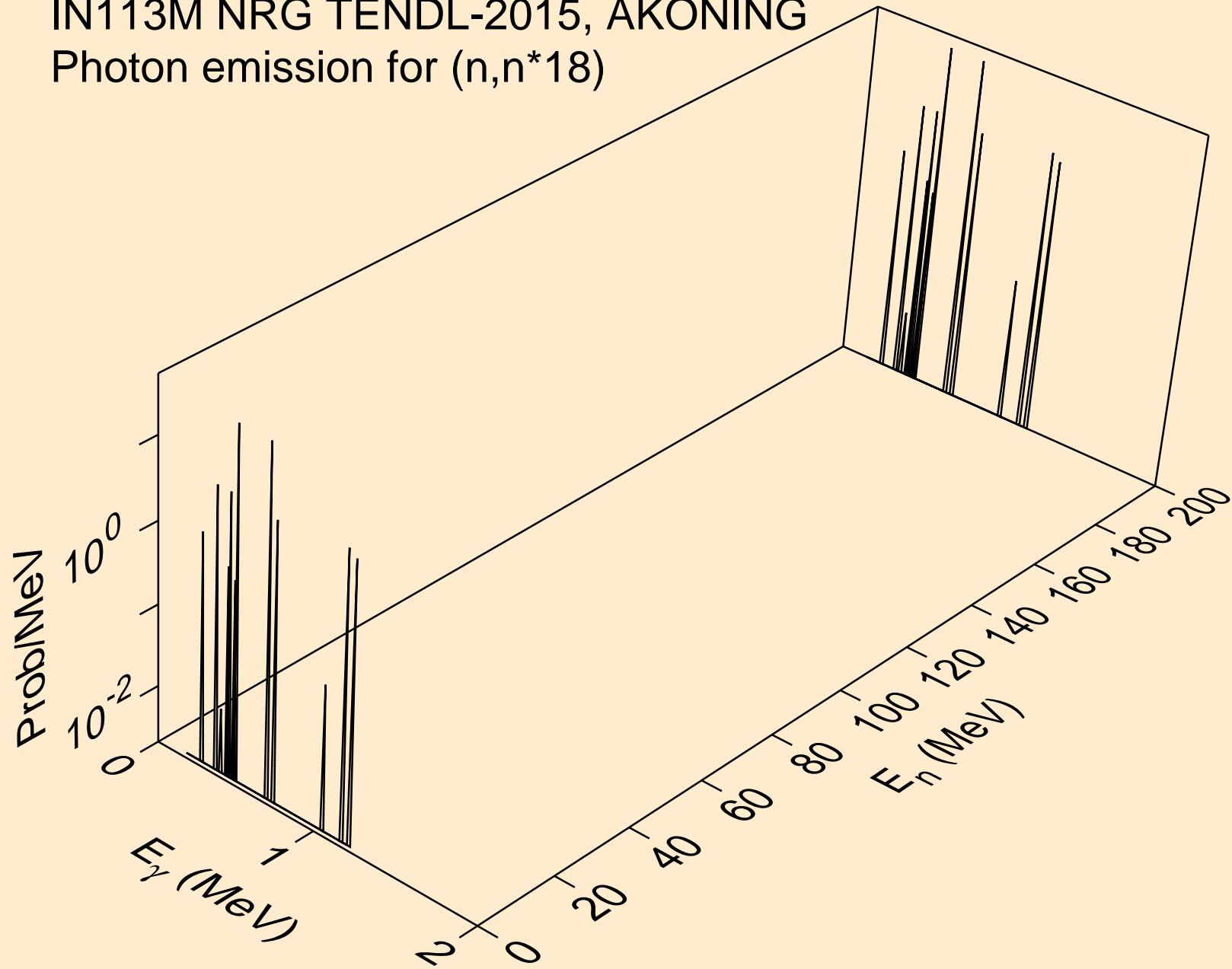
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Photon emission for (n,n\*16)



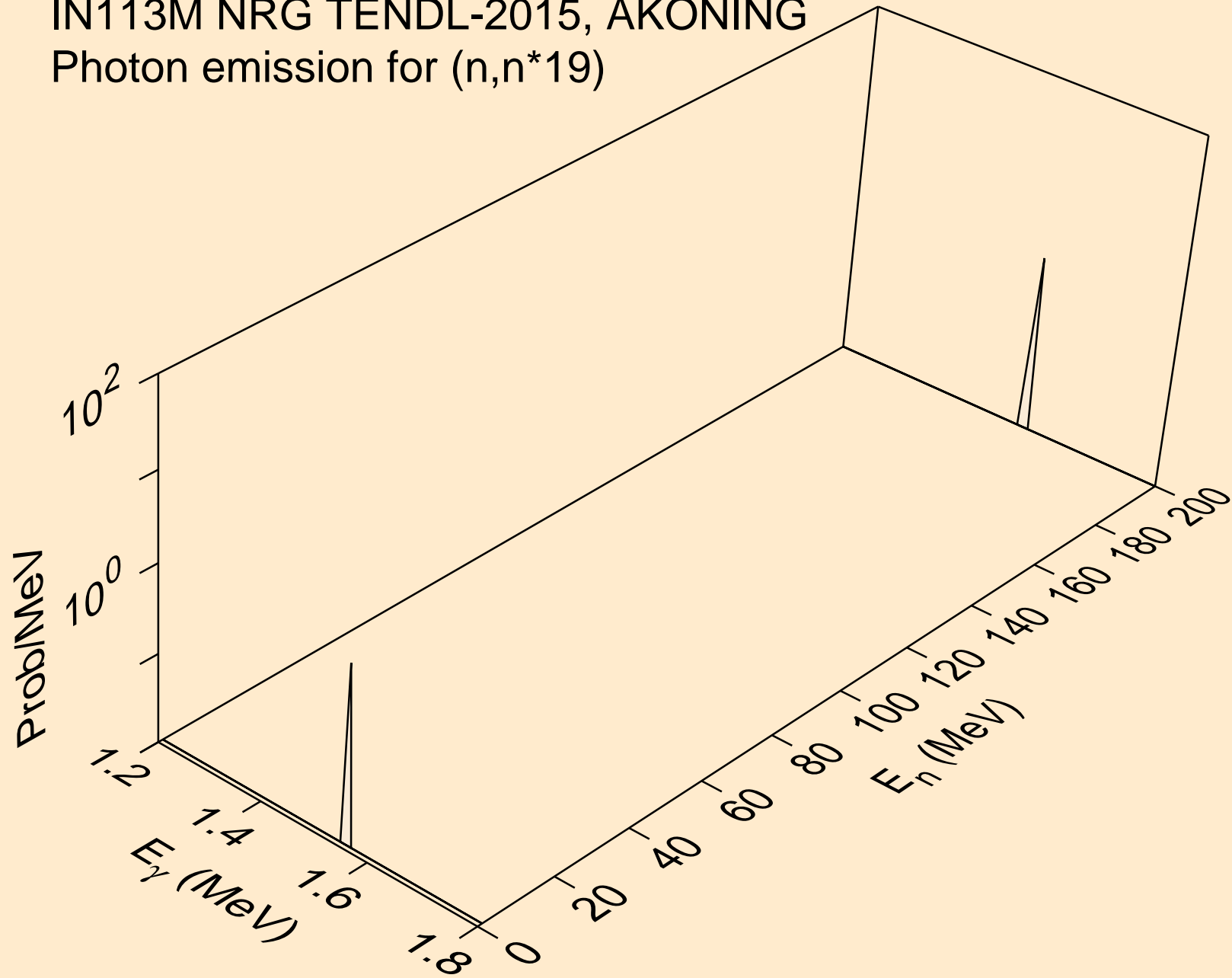
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Photon emission for (n,n\*17)



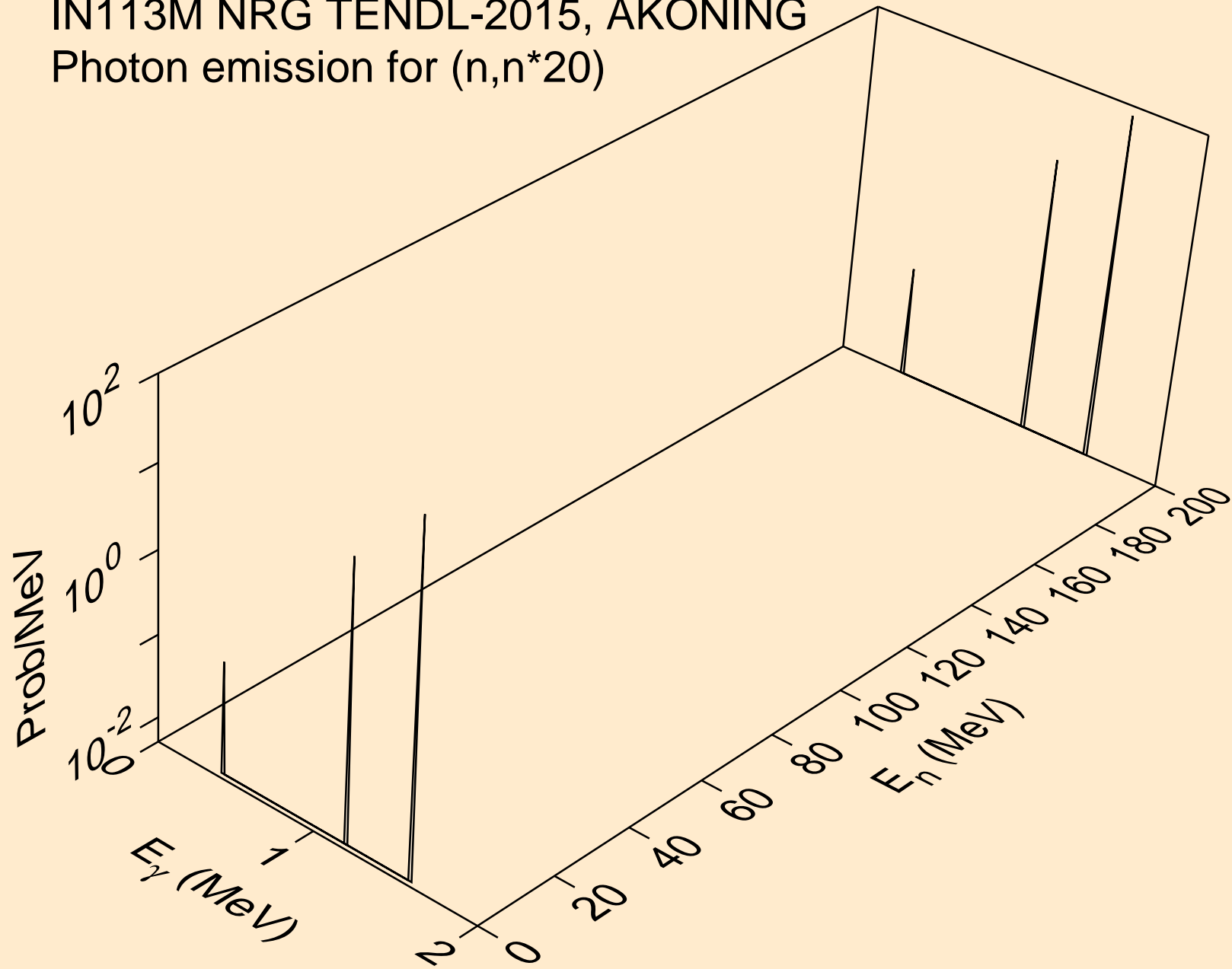
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)



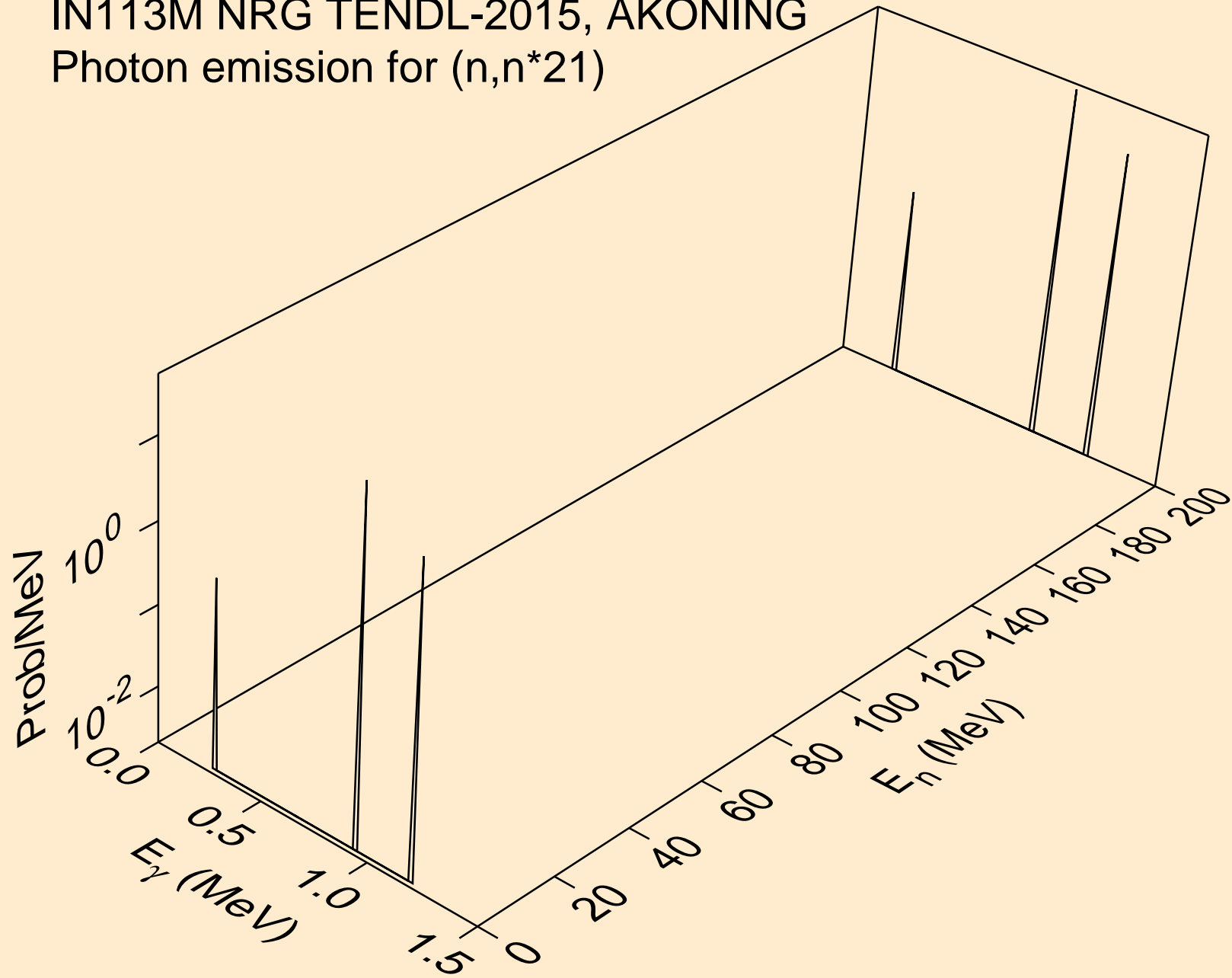
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)



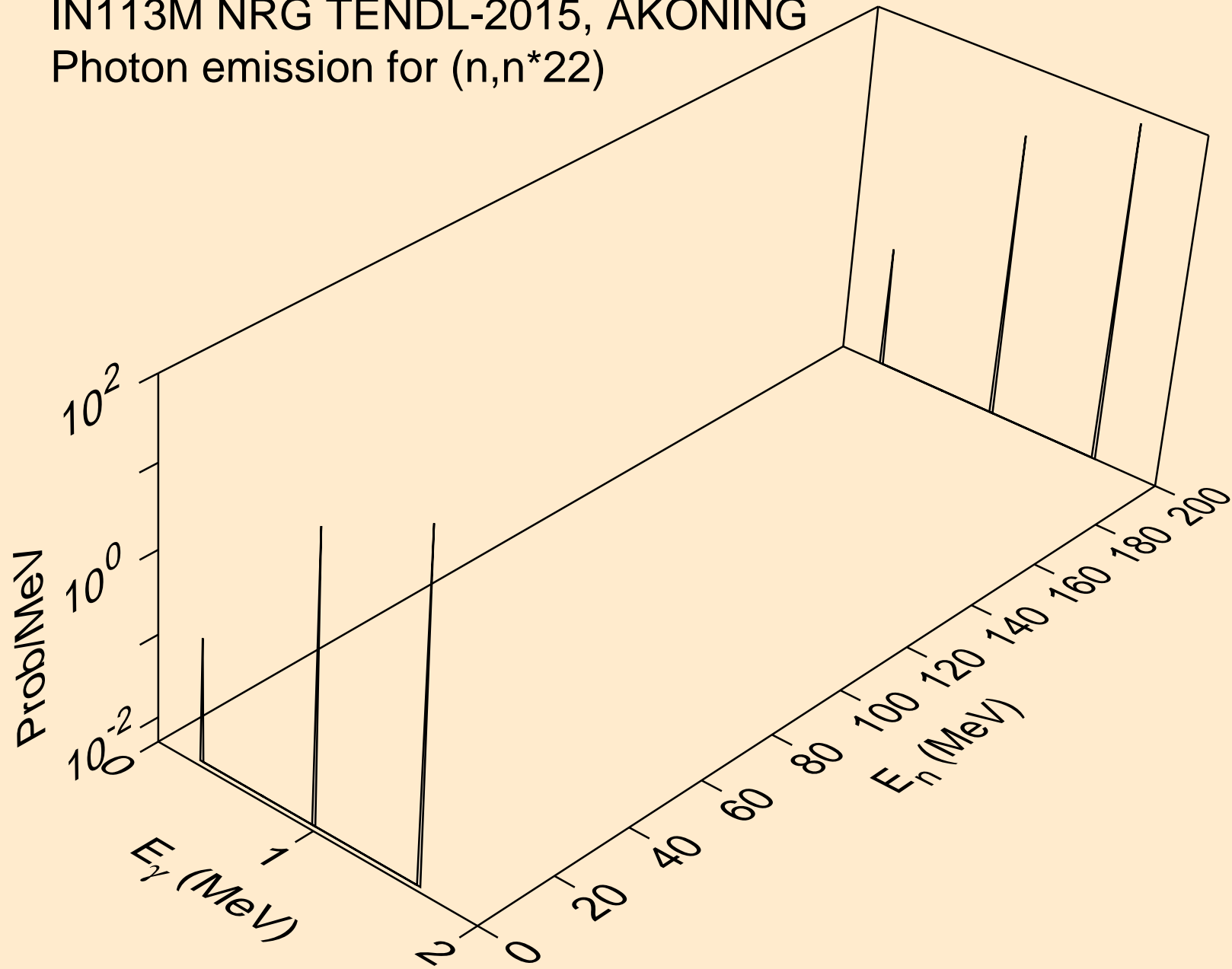
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Photon emission for (n,n\*20)



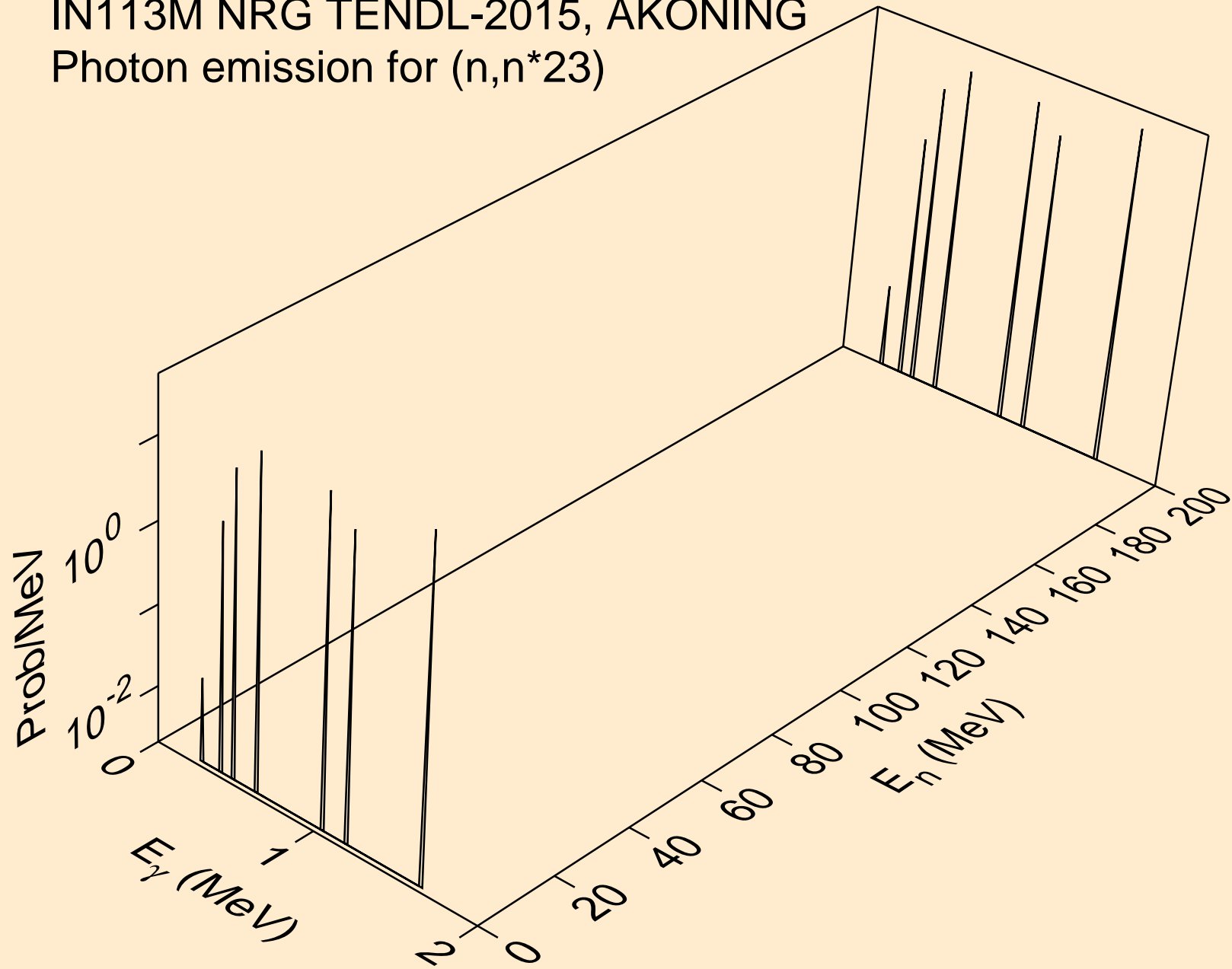
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Photon emission for (n,n\*21)



IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*22)

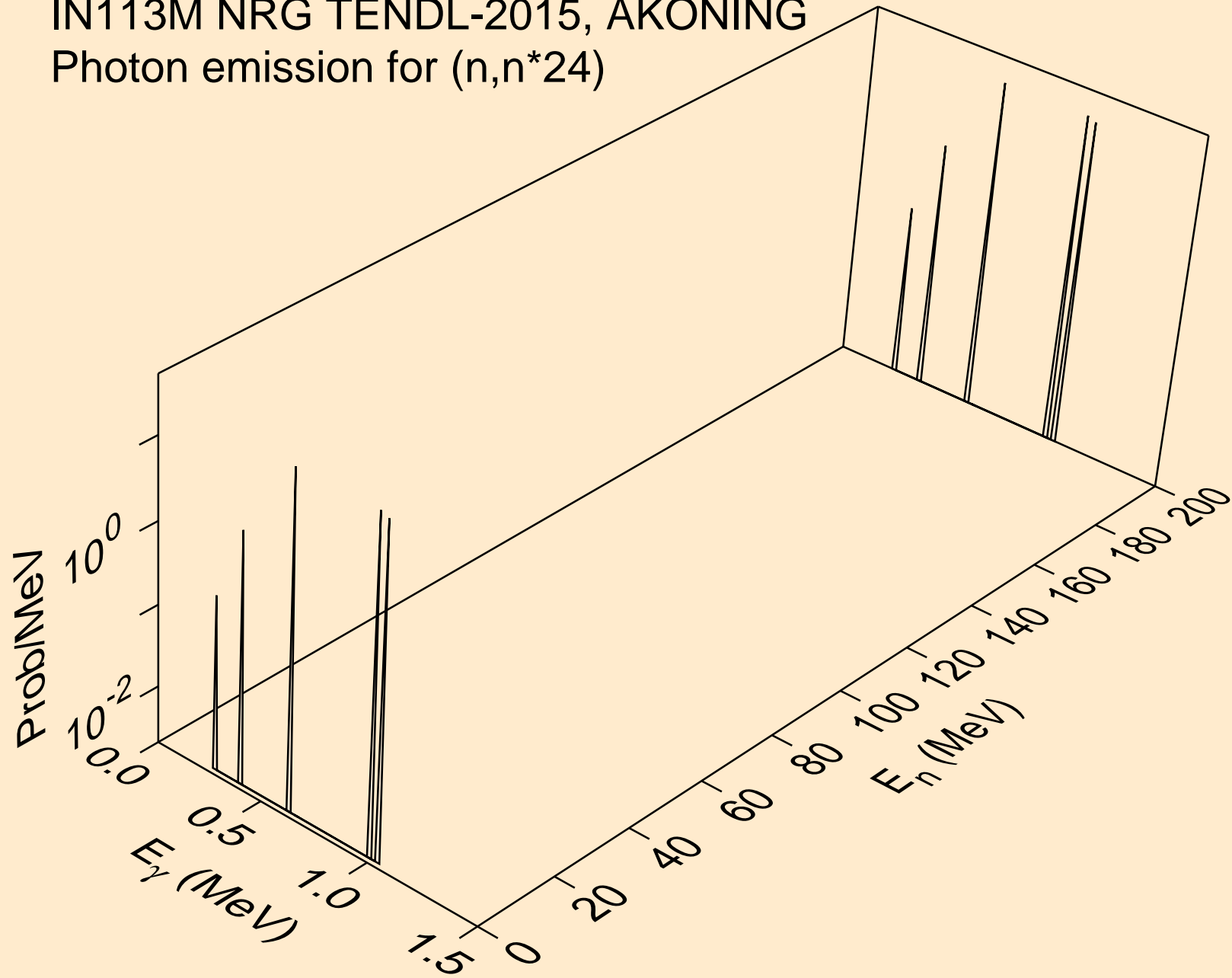


IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*23)

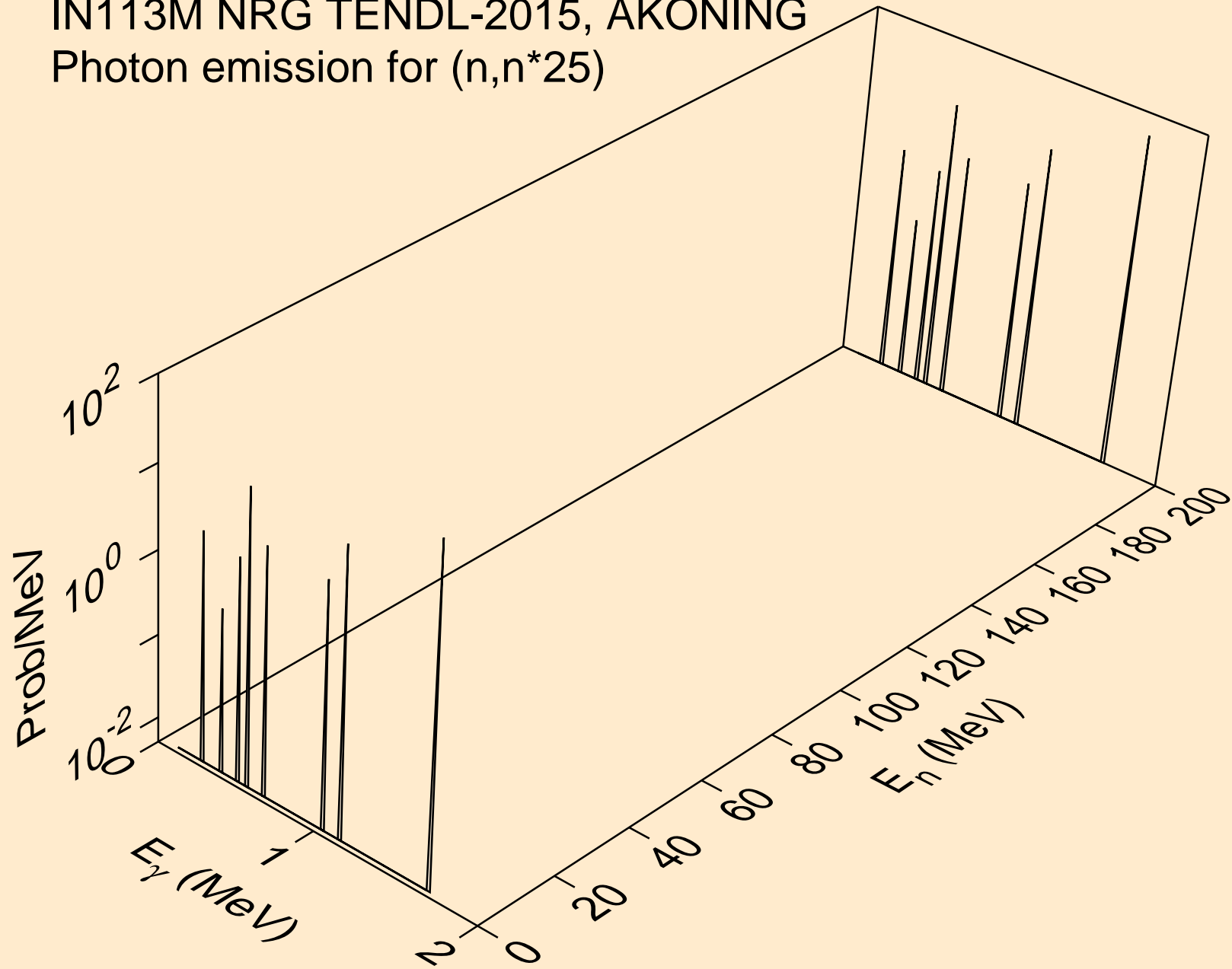




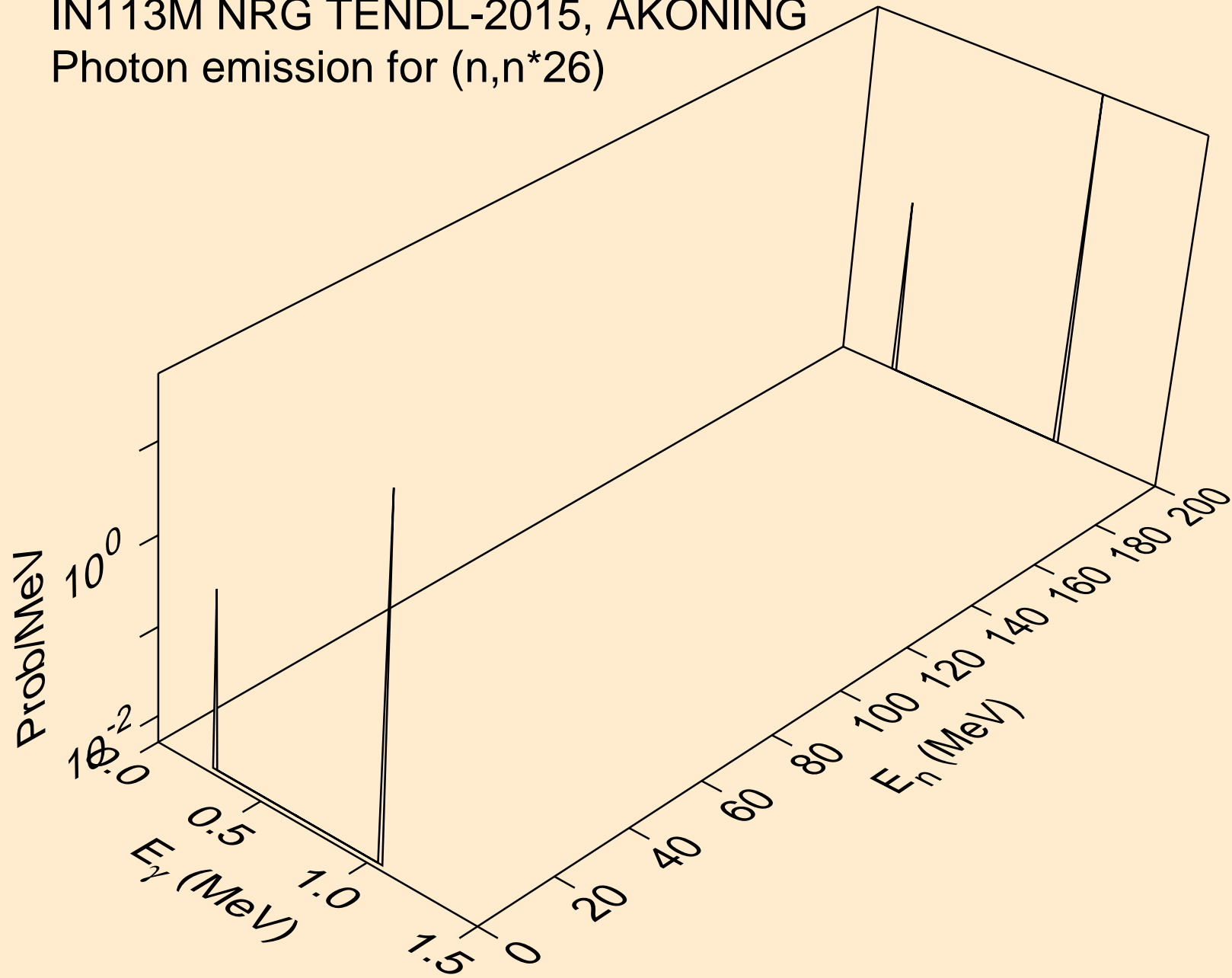
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*24)



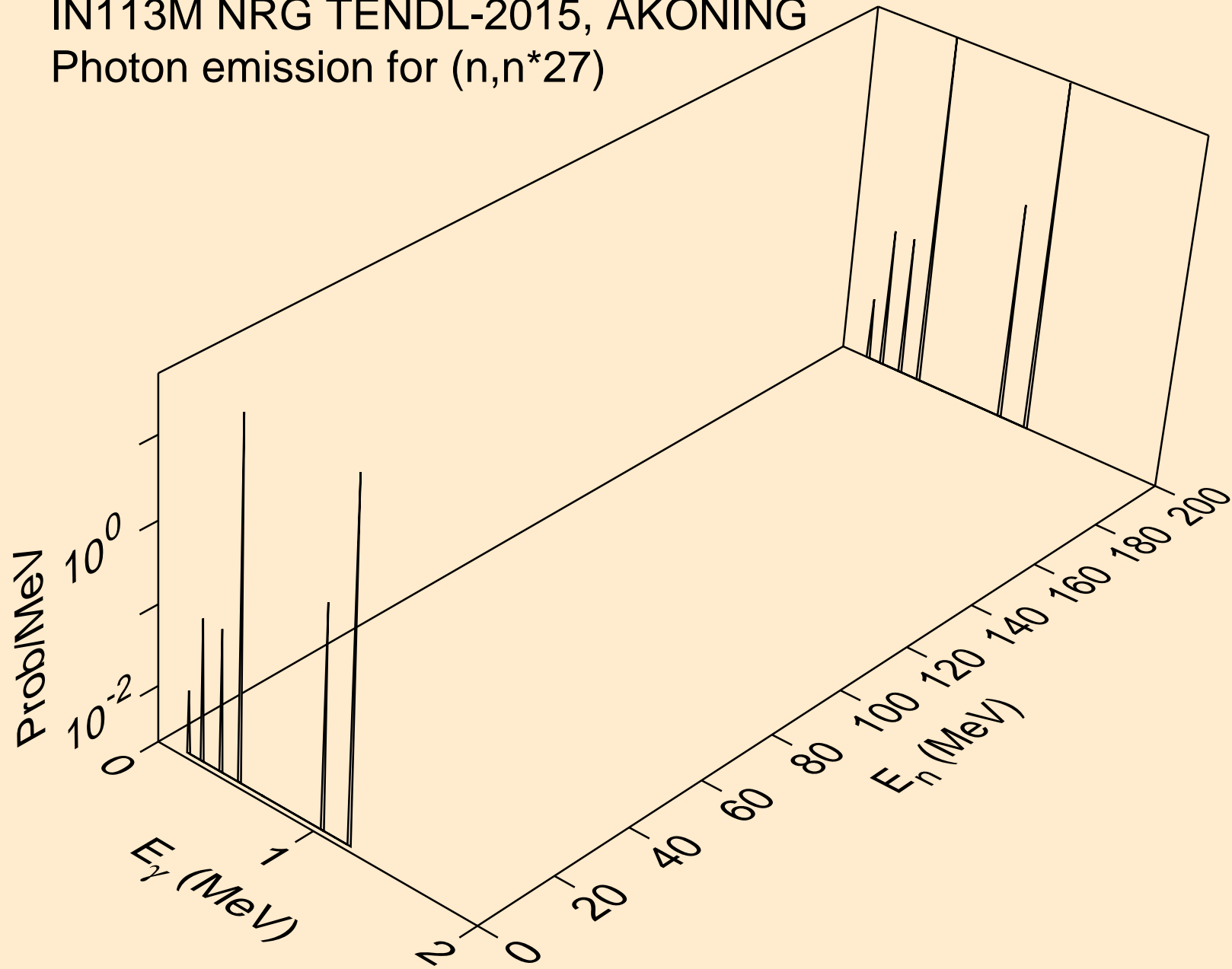
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)



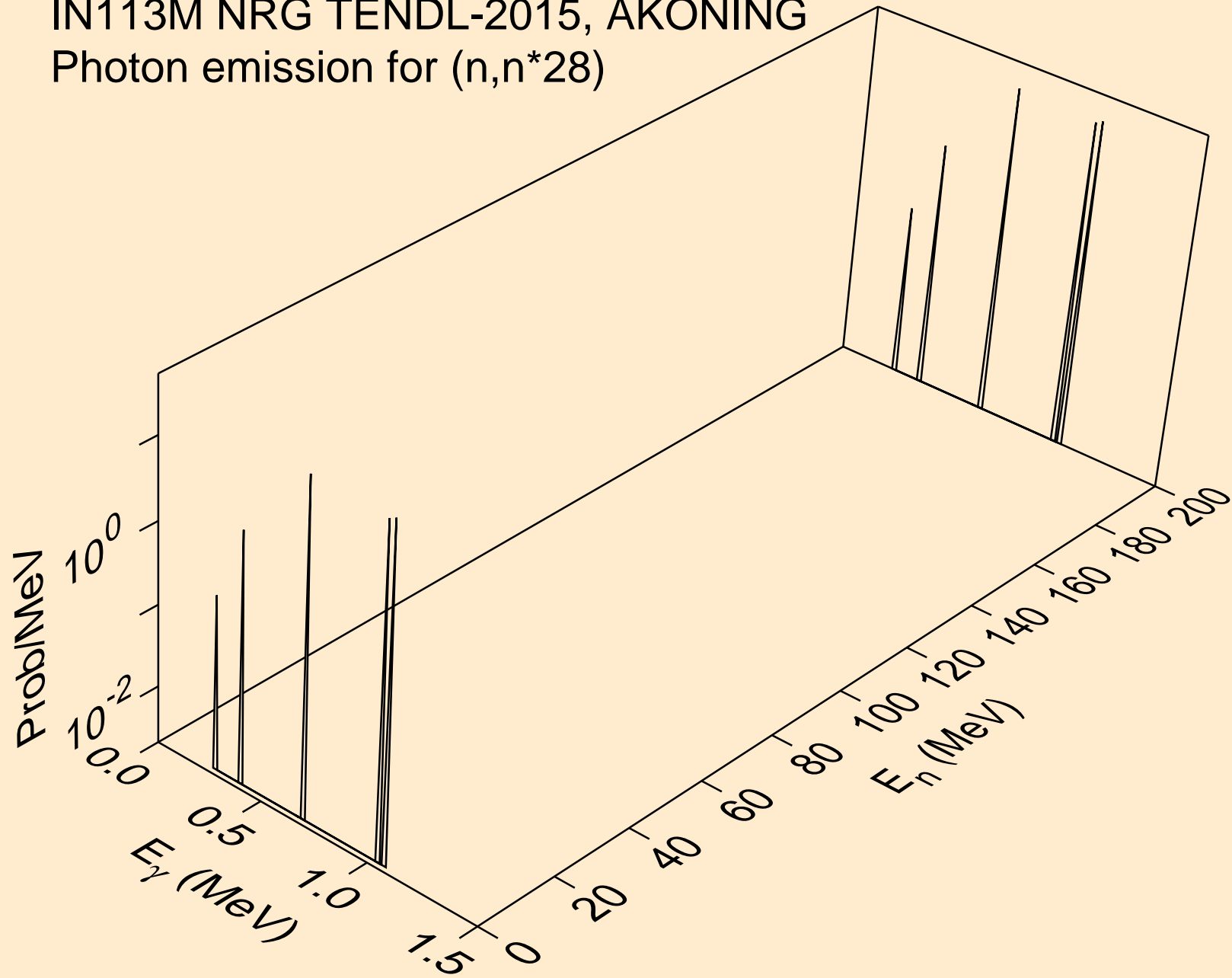
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)



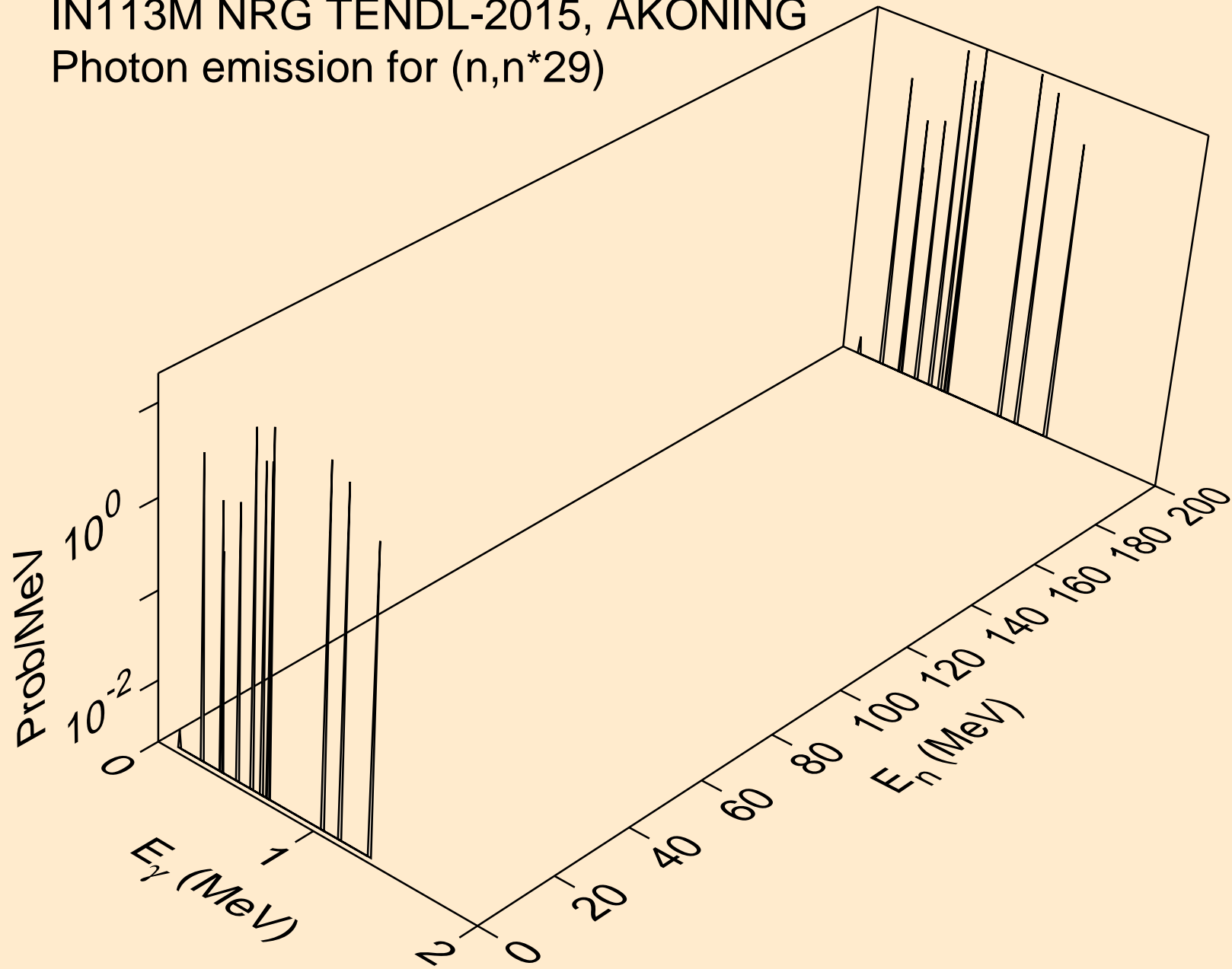
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*27)



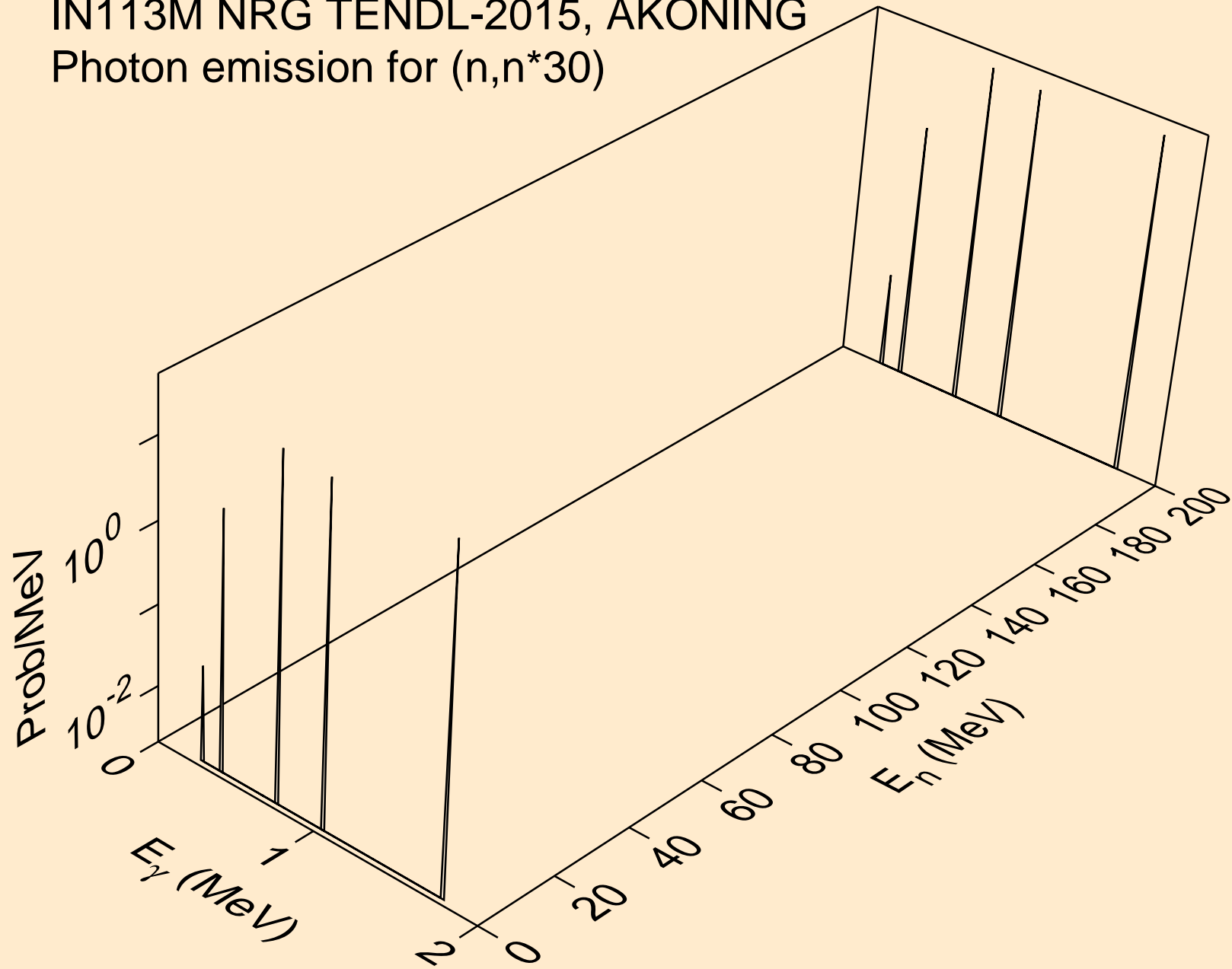
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Photon emission for (n,n\*28)



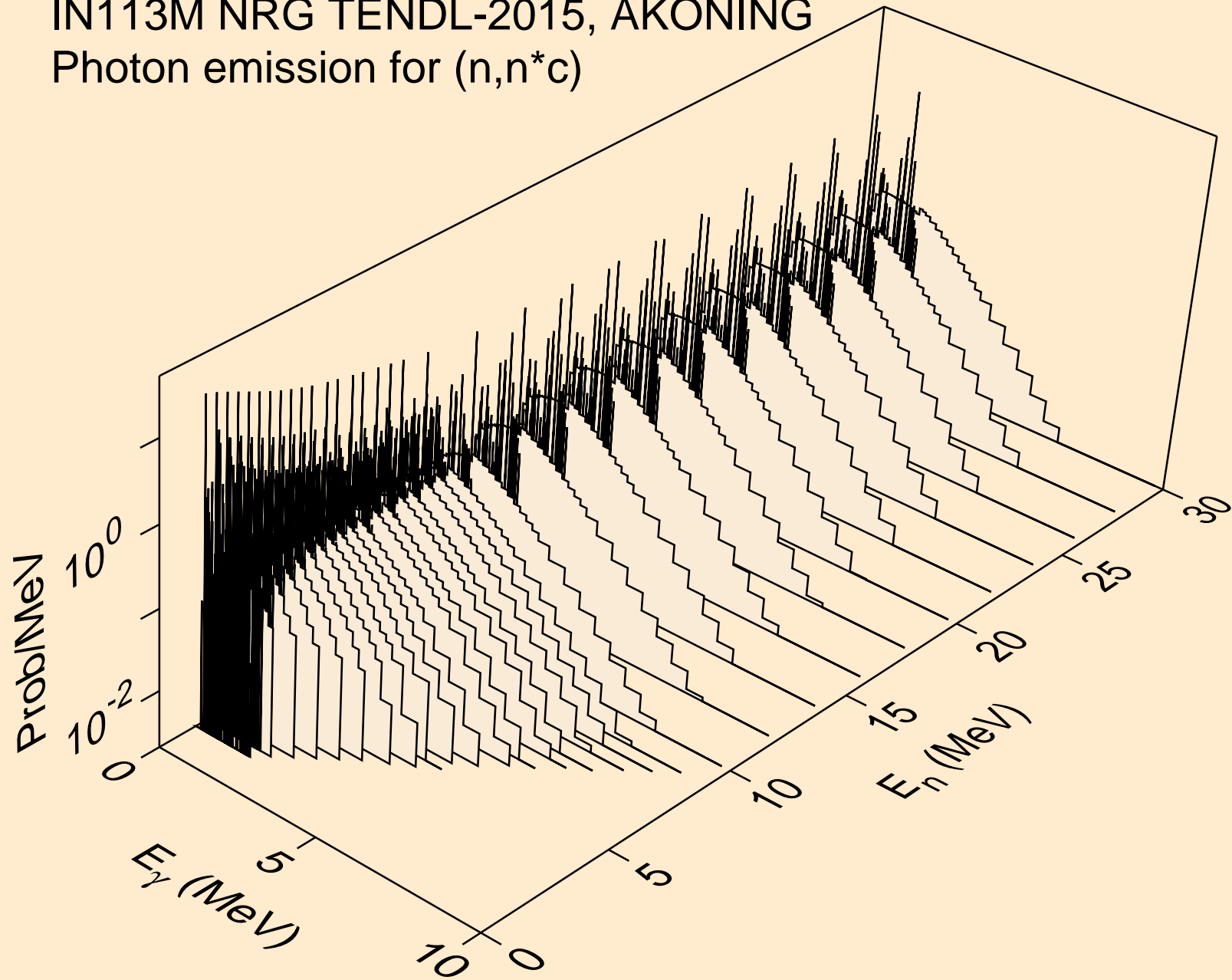
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*29)



IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*30)

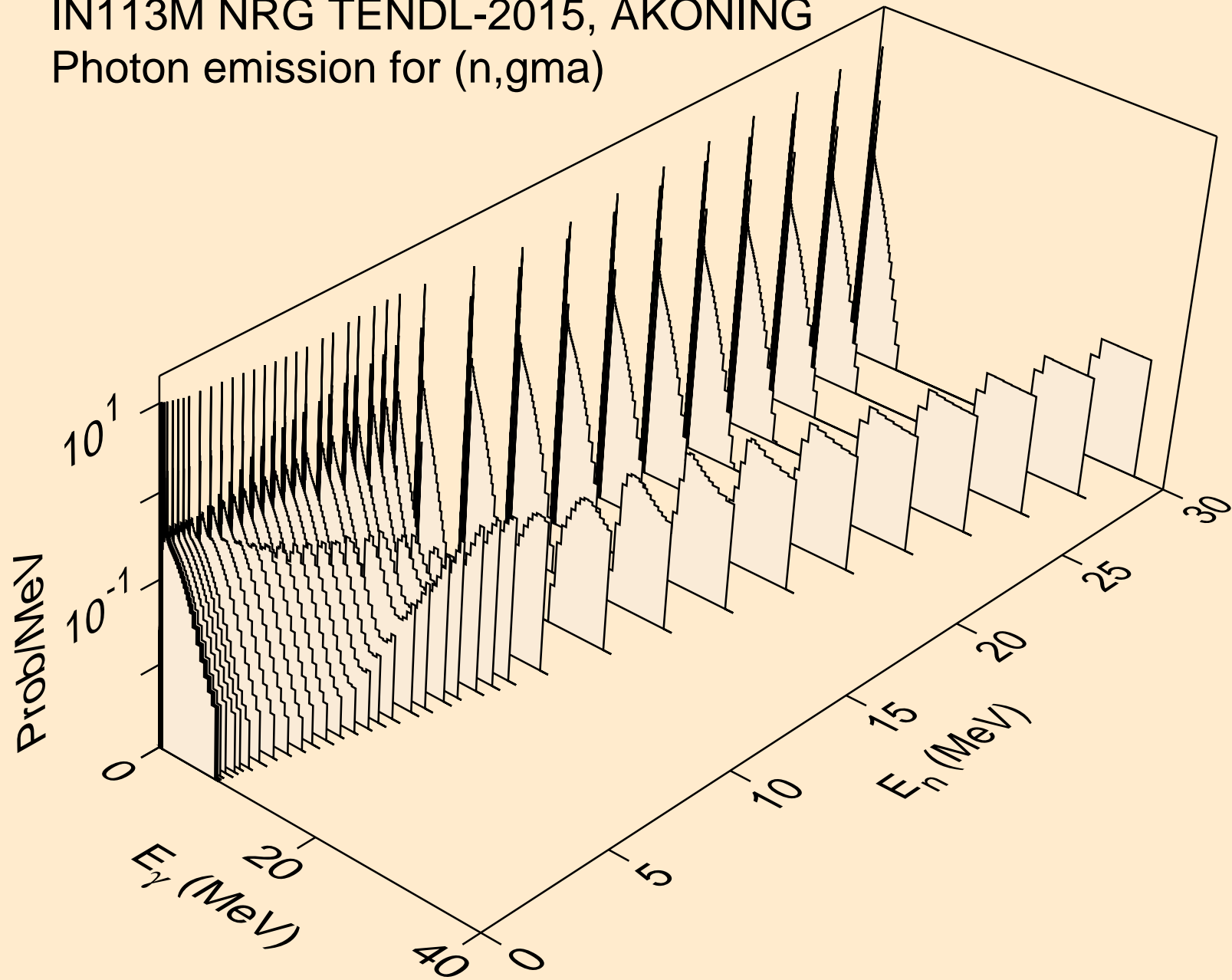


IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

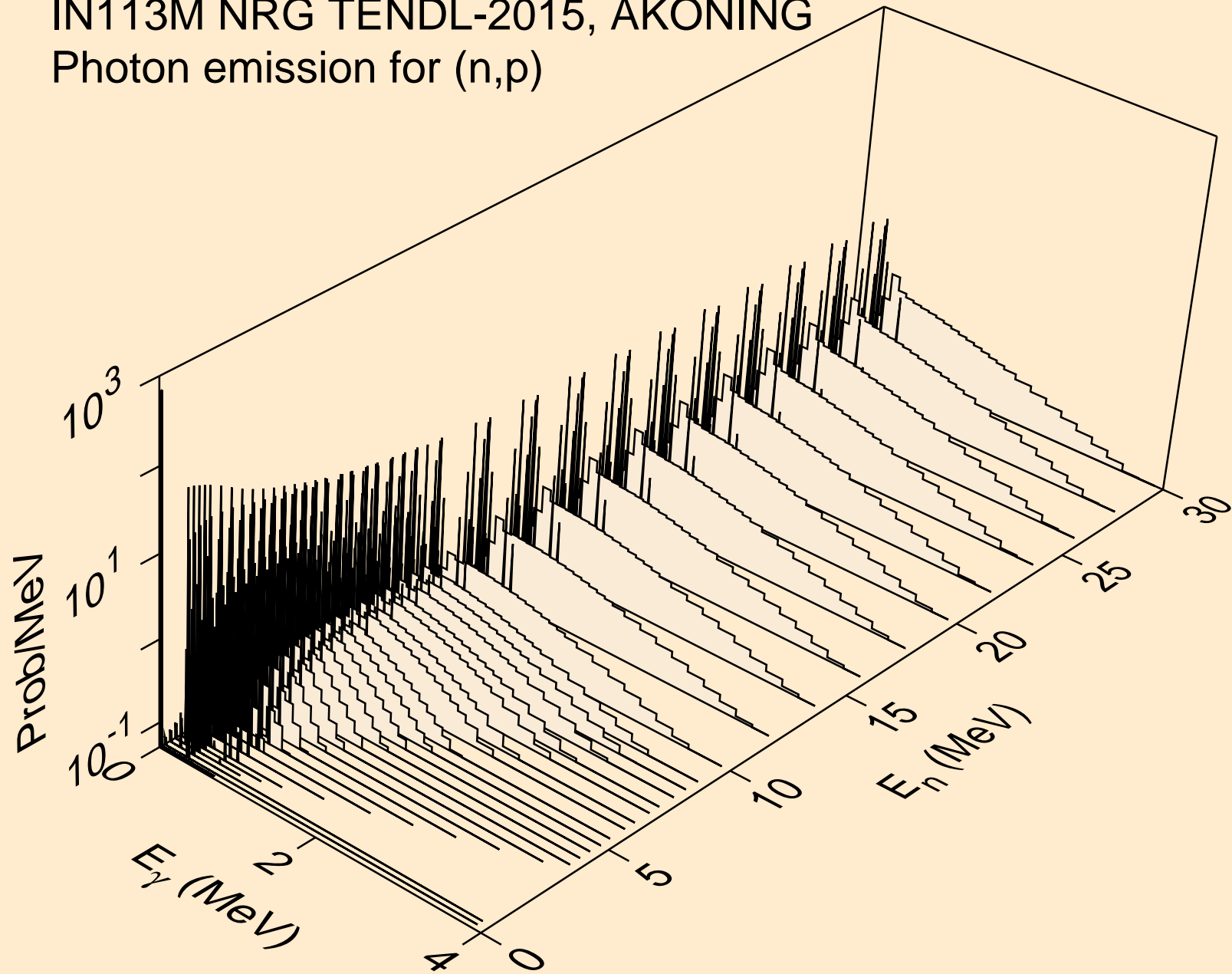




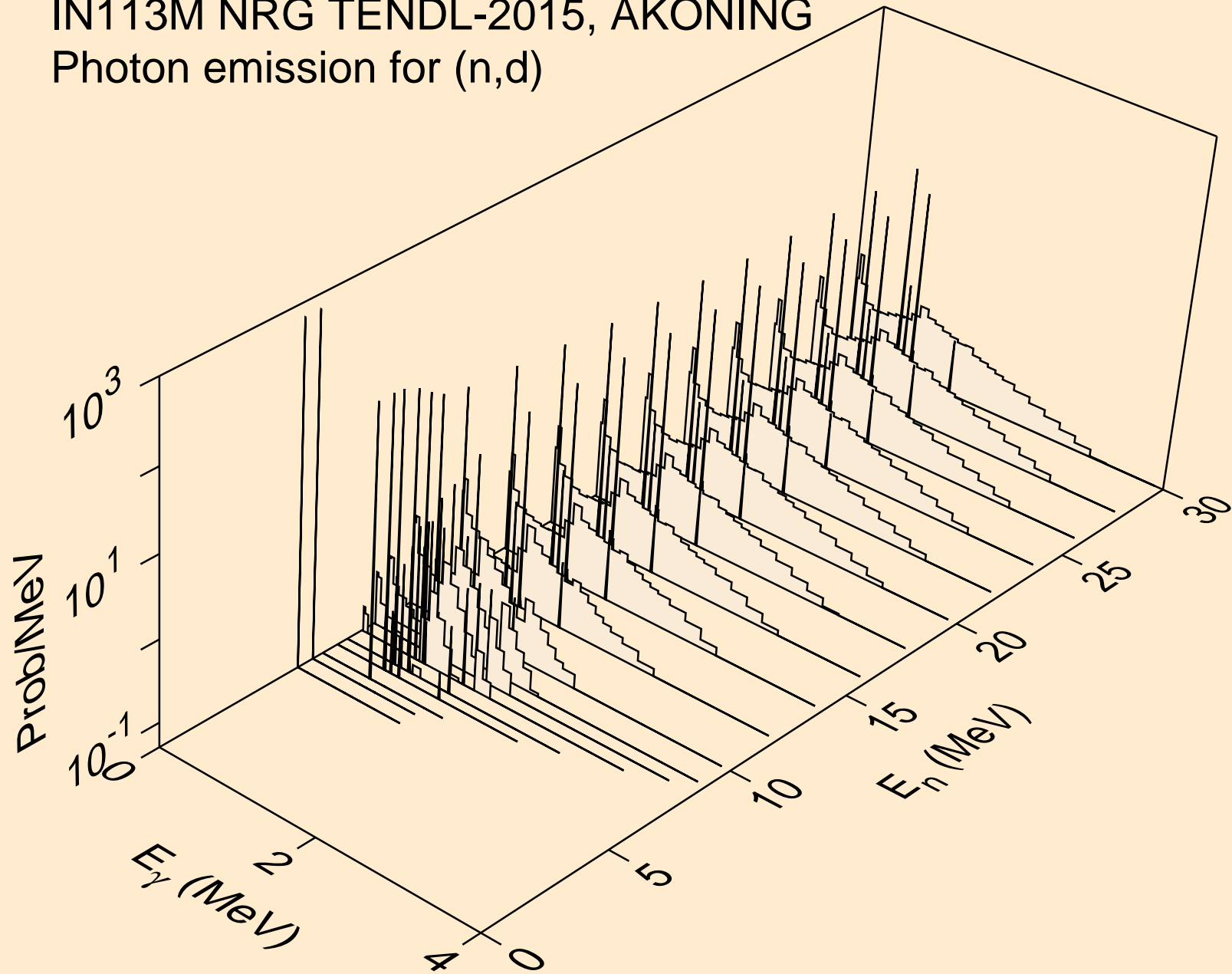
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Photon emission for (n,gma)



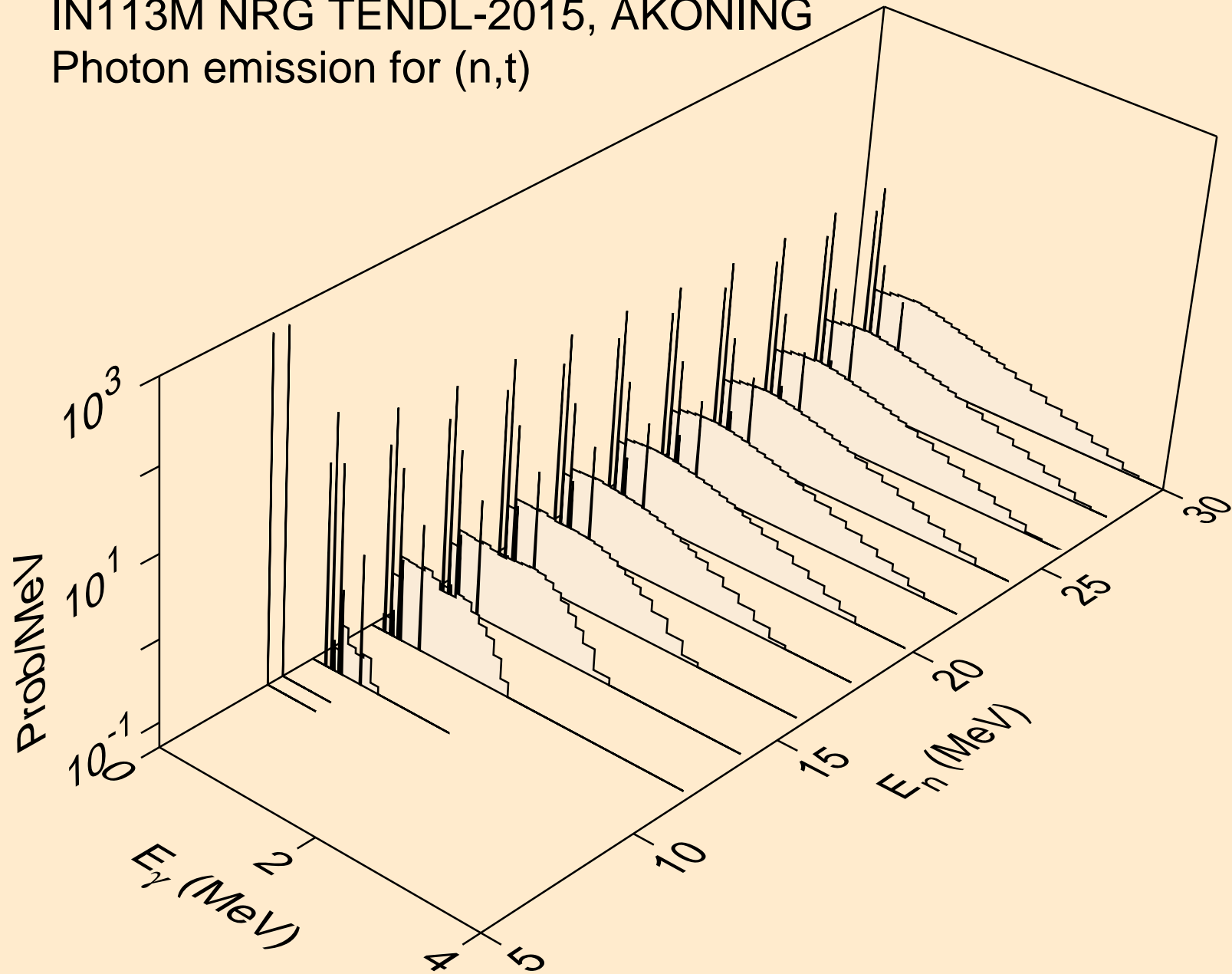
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Photon emission for (n,p)



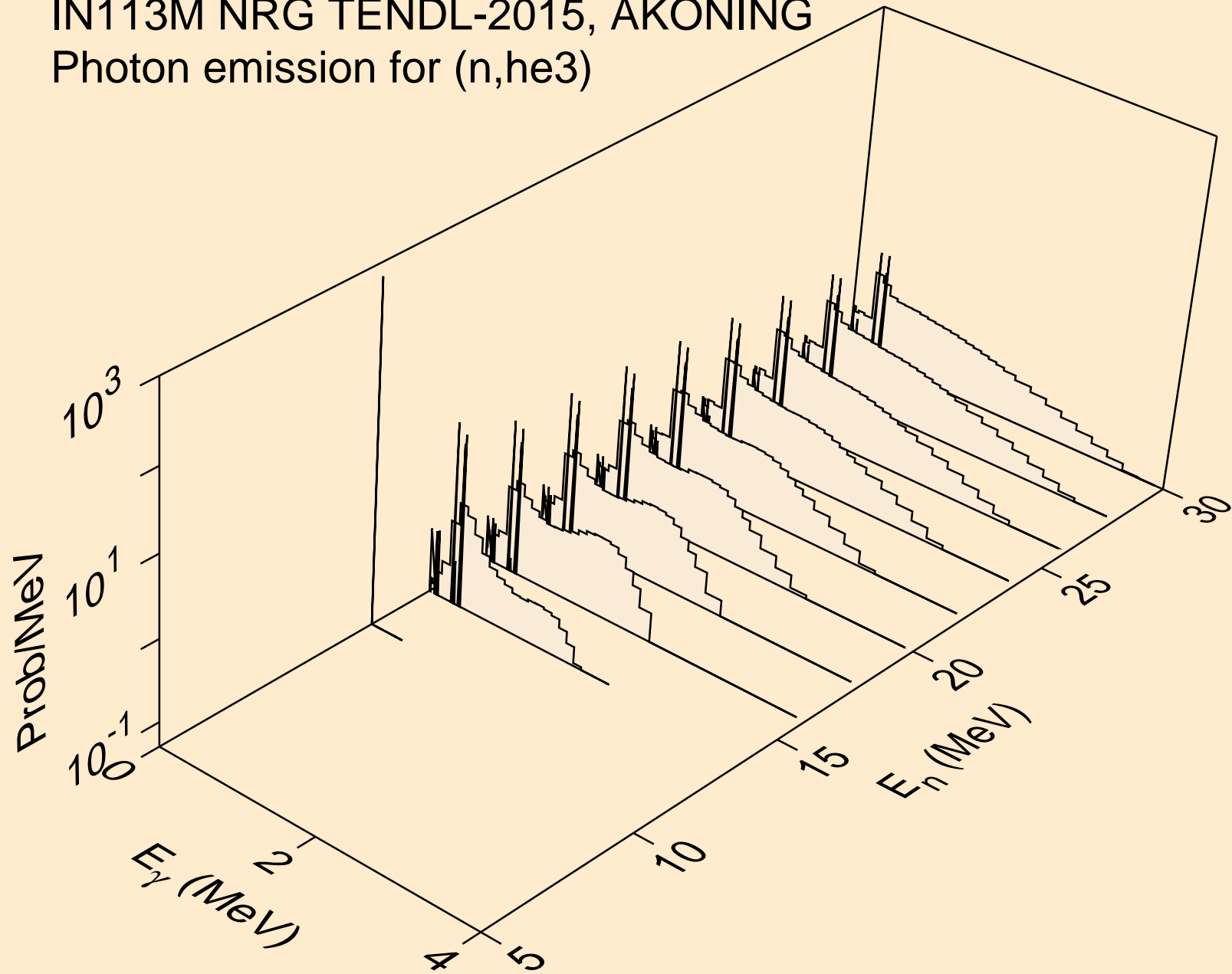
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Photon emission for (n,d)



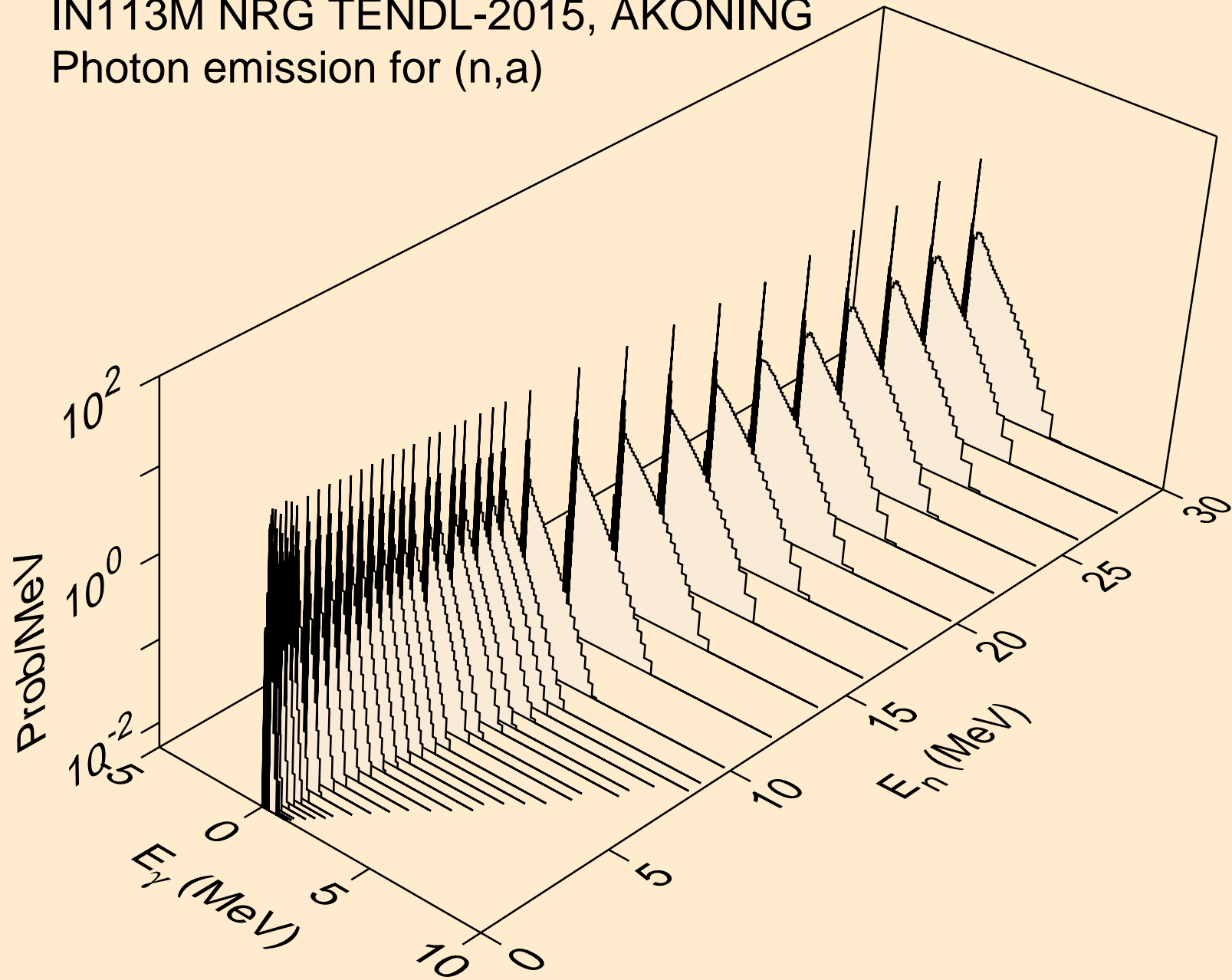
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Photon emission for (n,t)



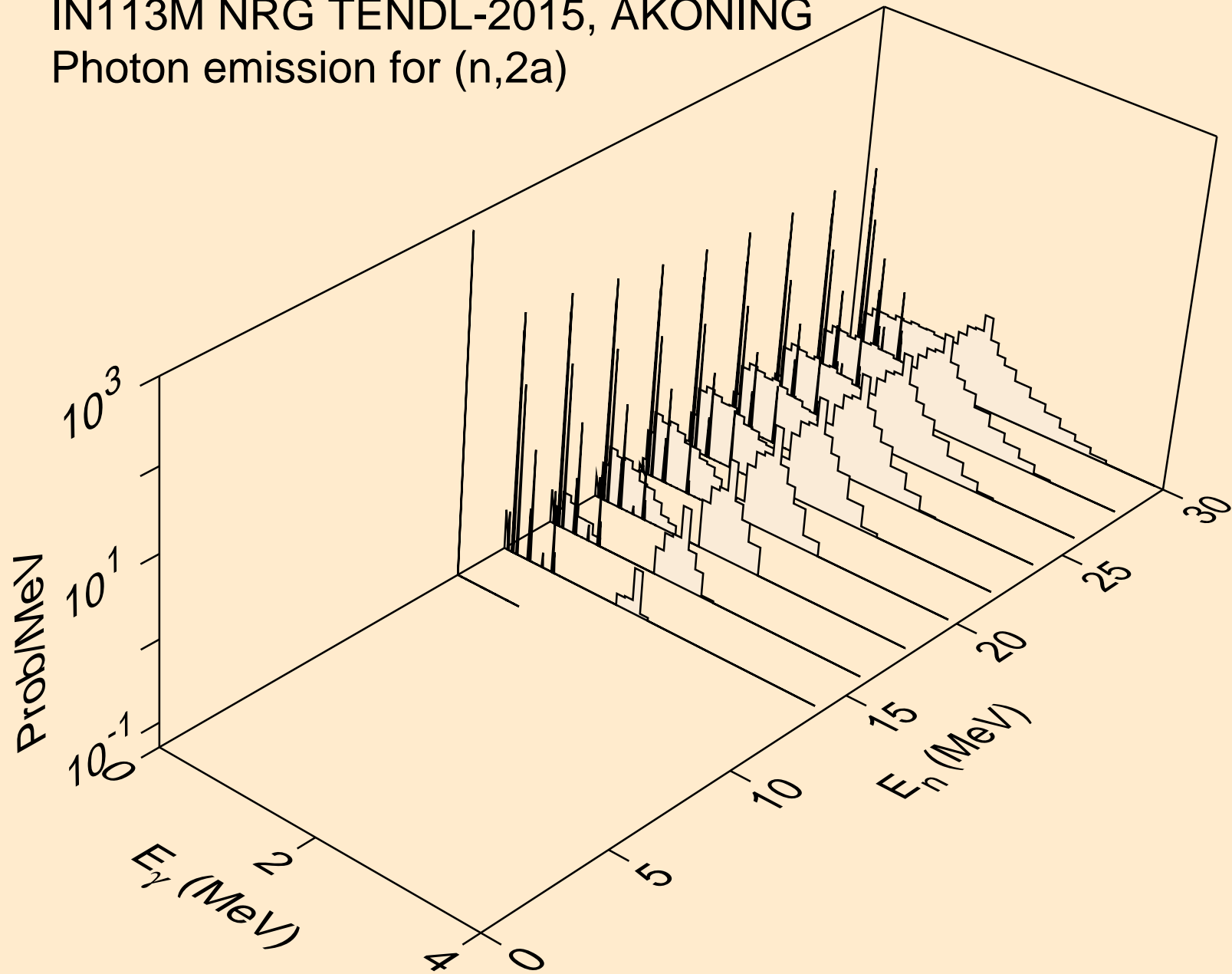
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Photon emission for (n,he3)



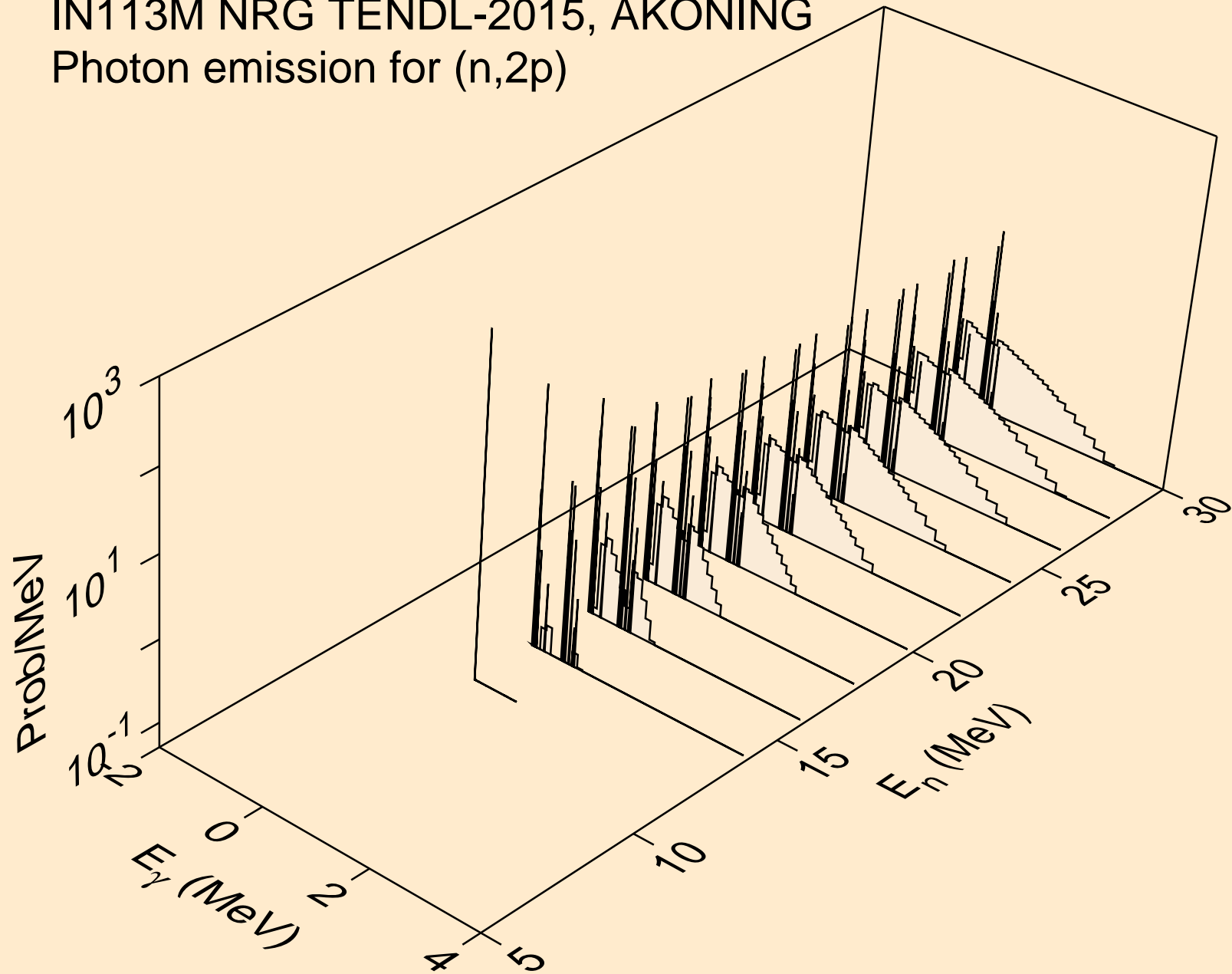
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Photon emission for (n,a)



IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

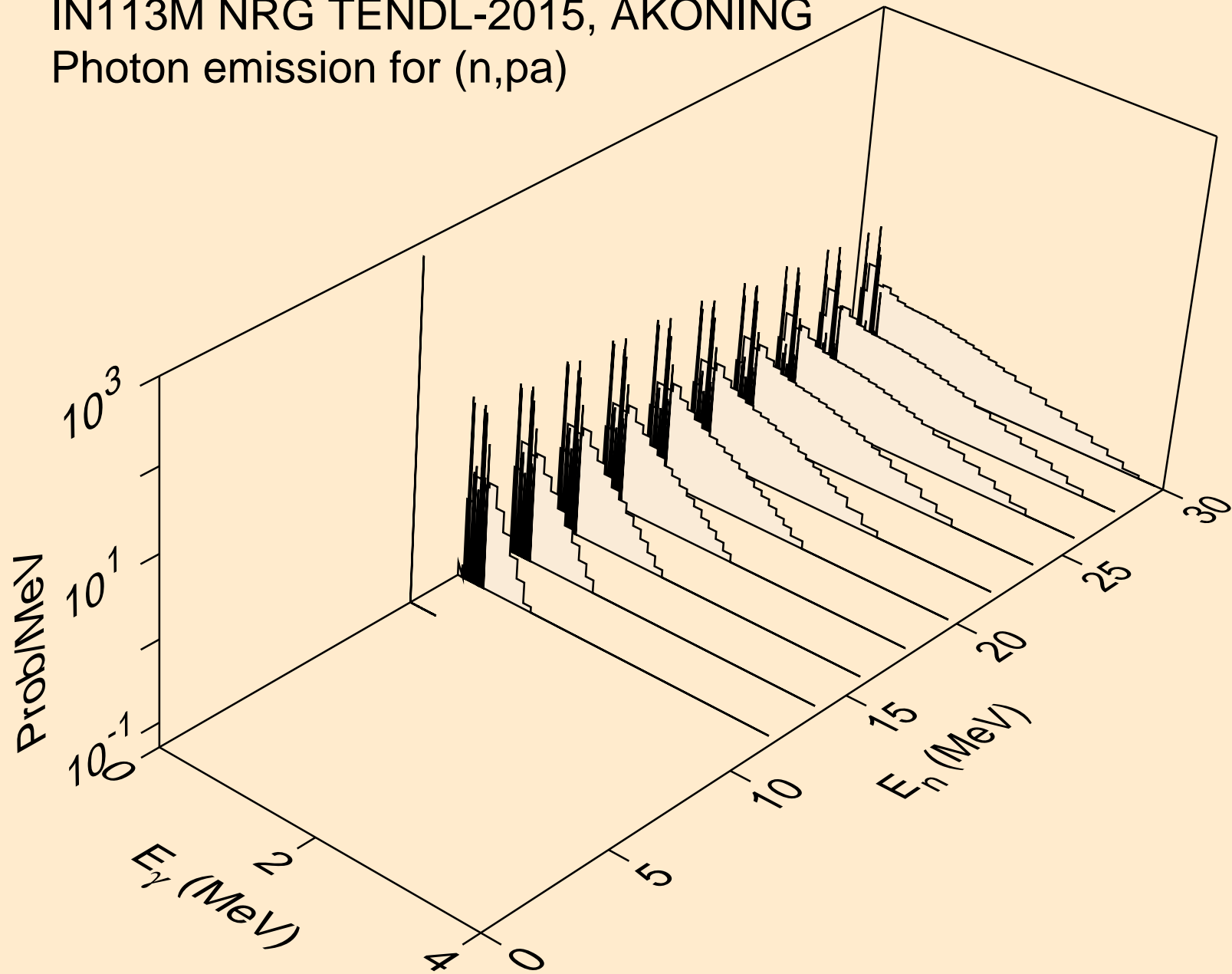


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Photon emission for (n,2p)

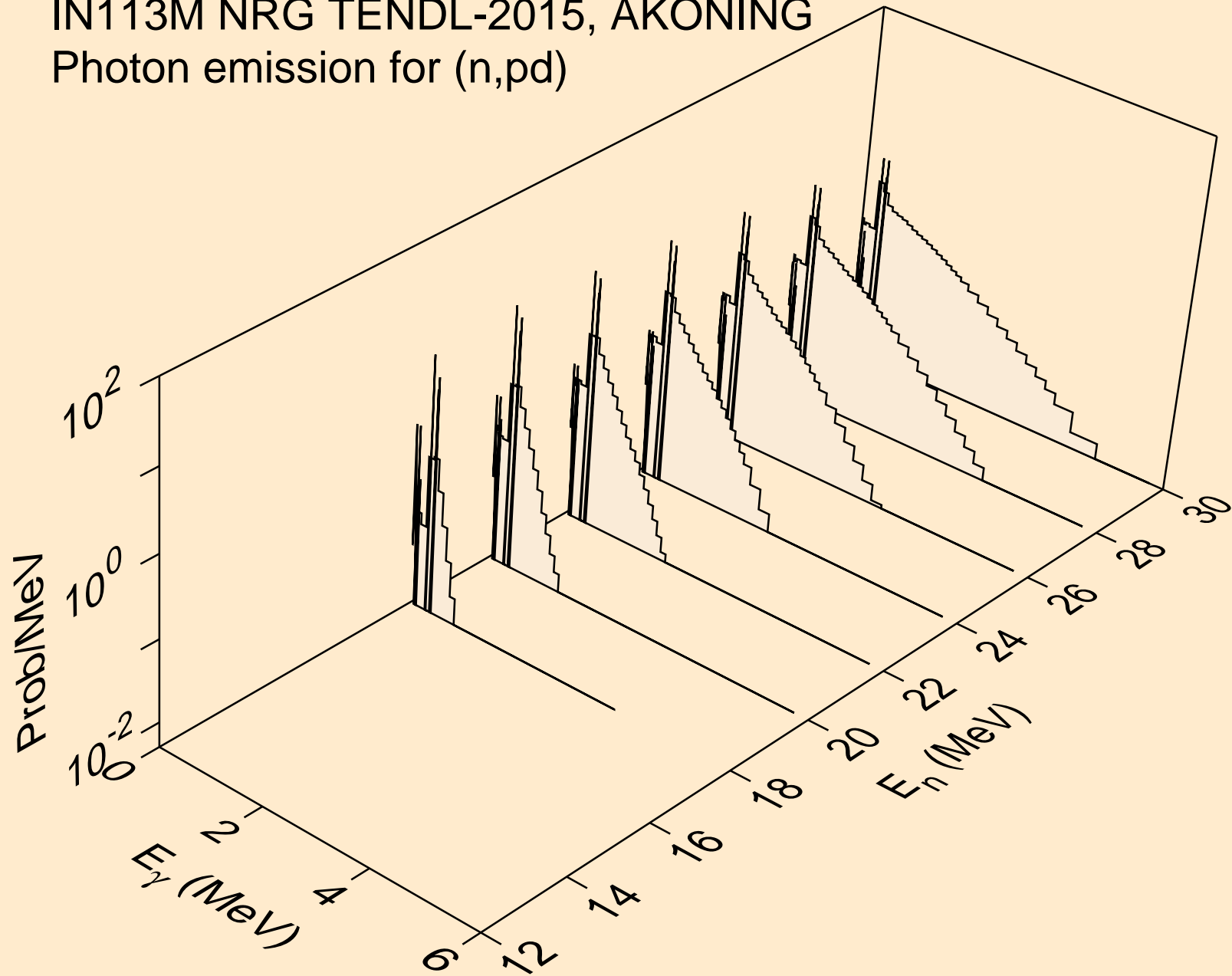




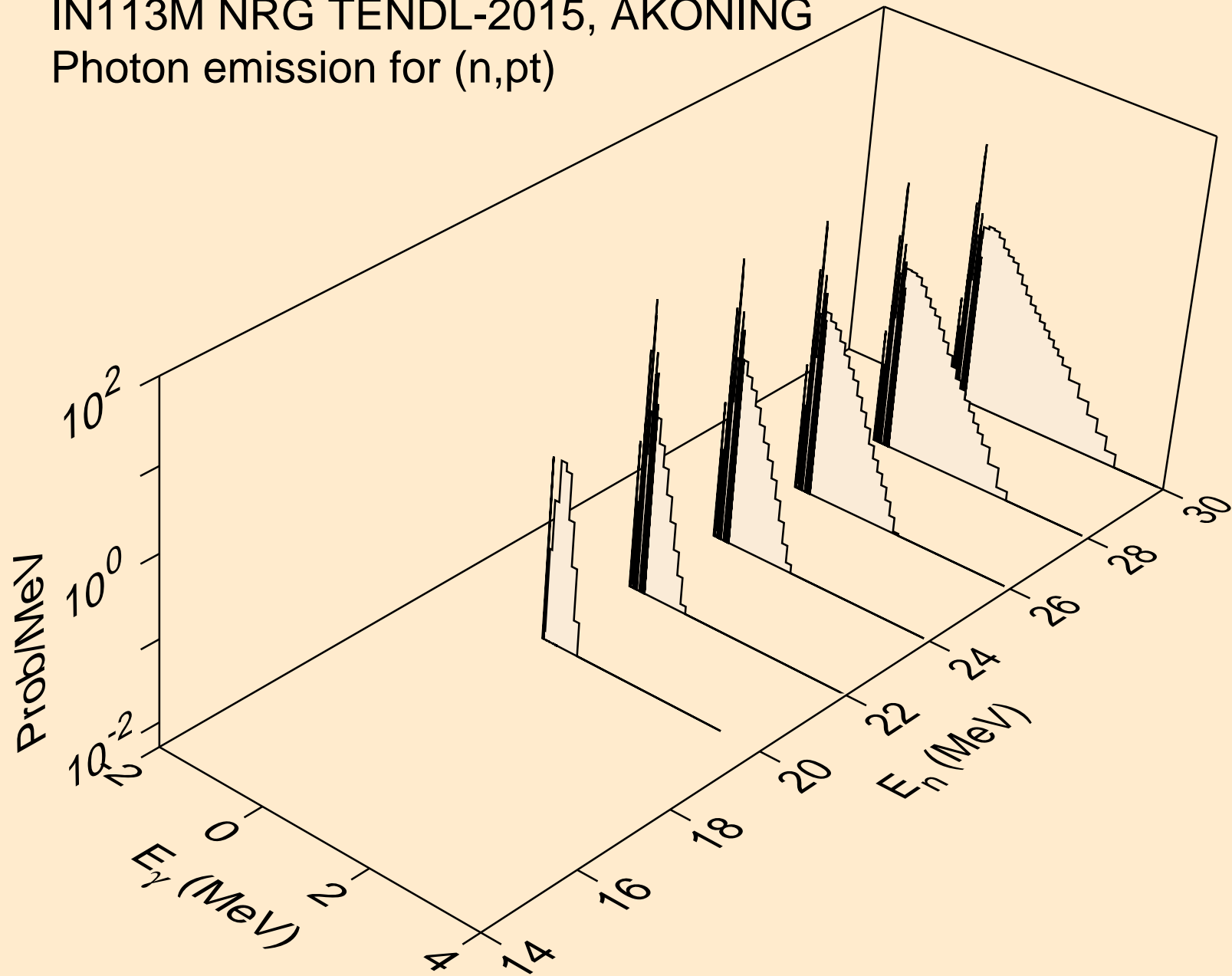
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Photon emission for (n,pa)



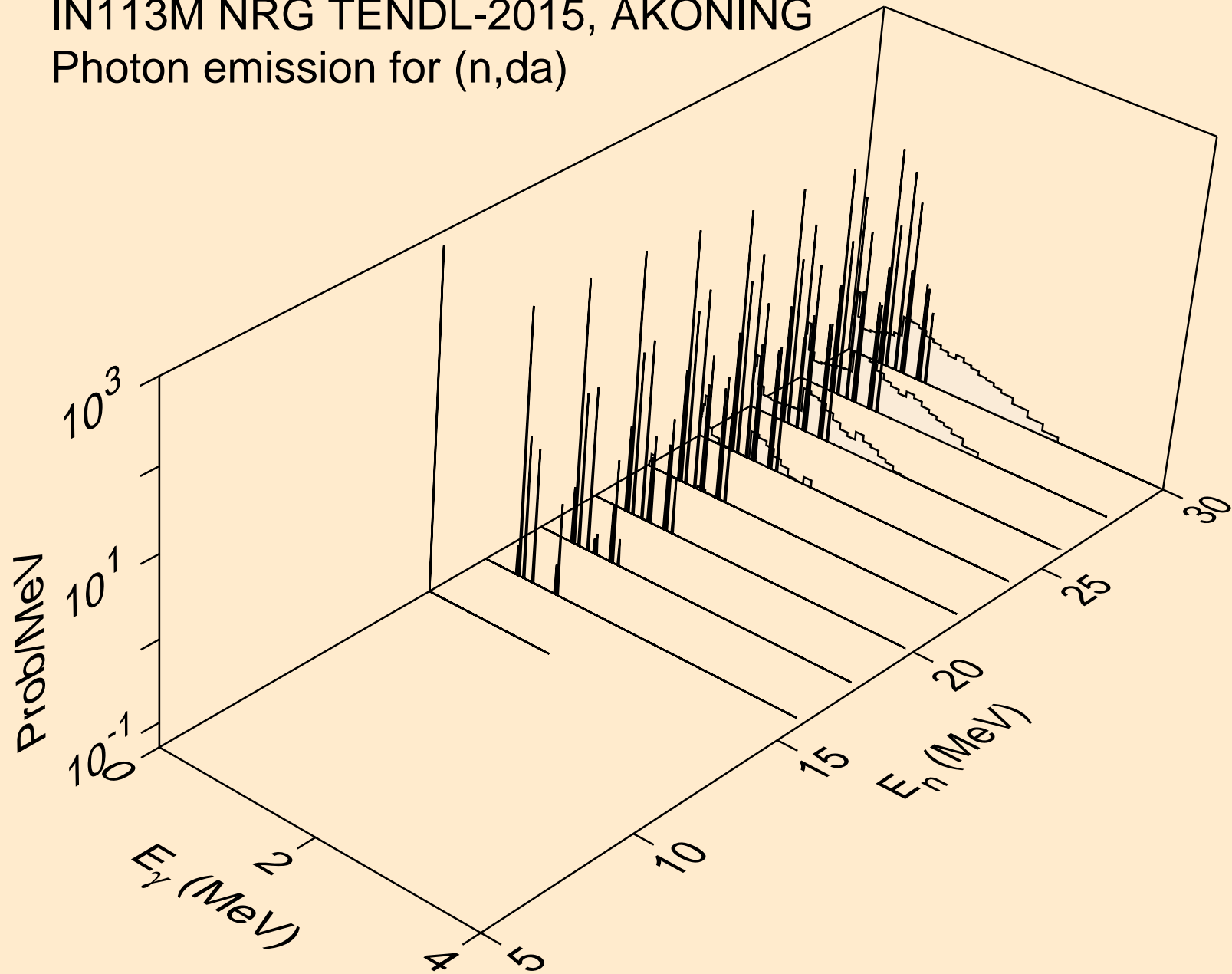
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Photon emission for (n,pd)



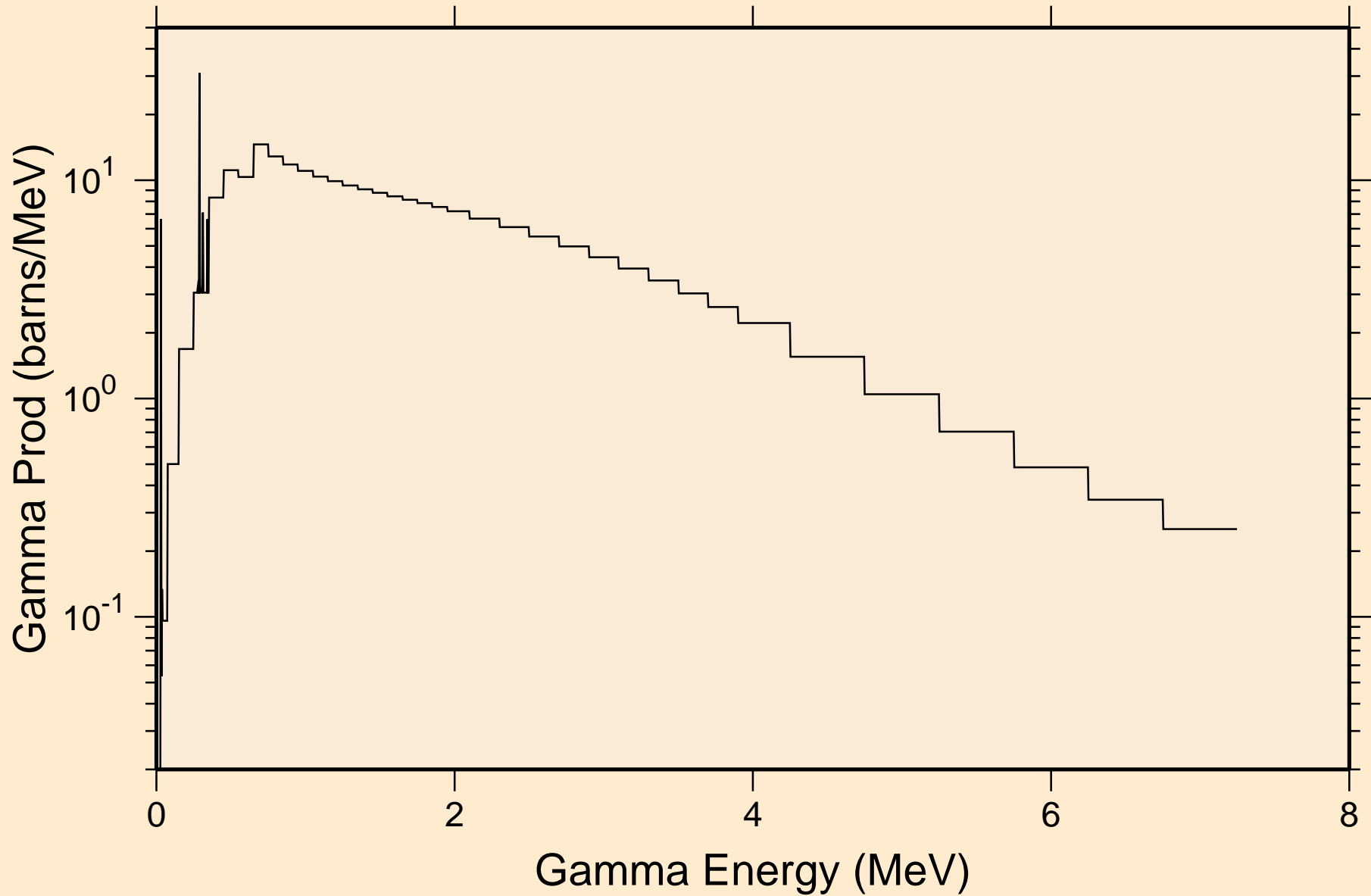
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Photon emission for (n,pt)



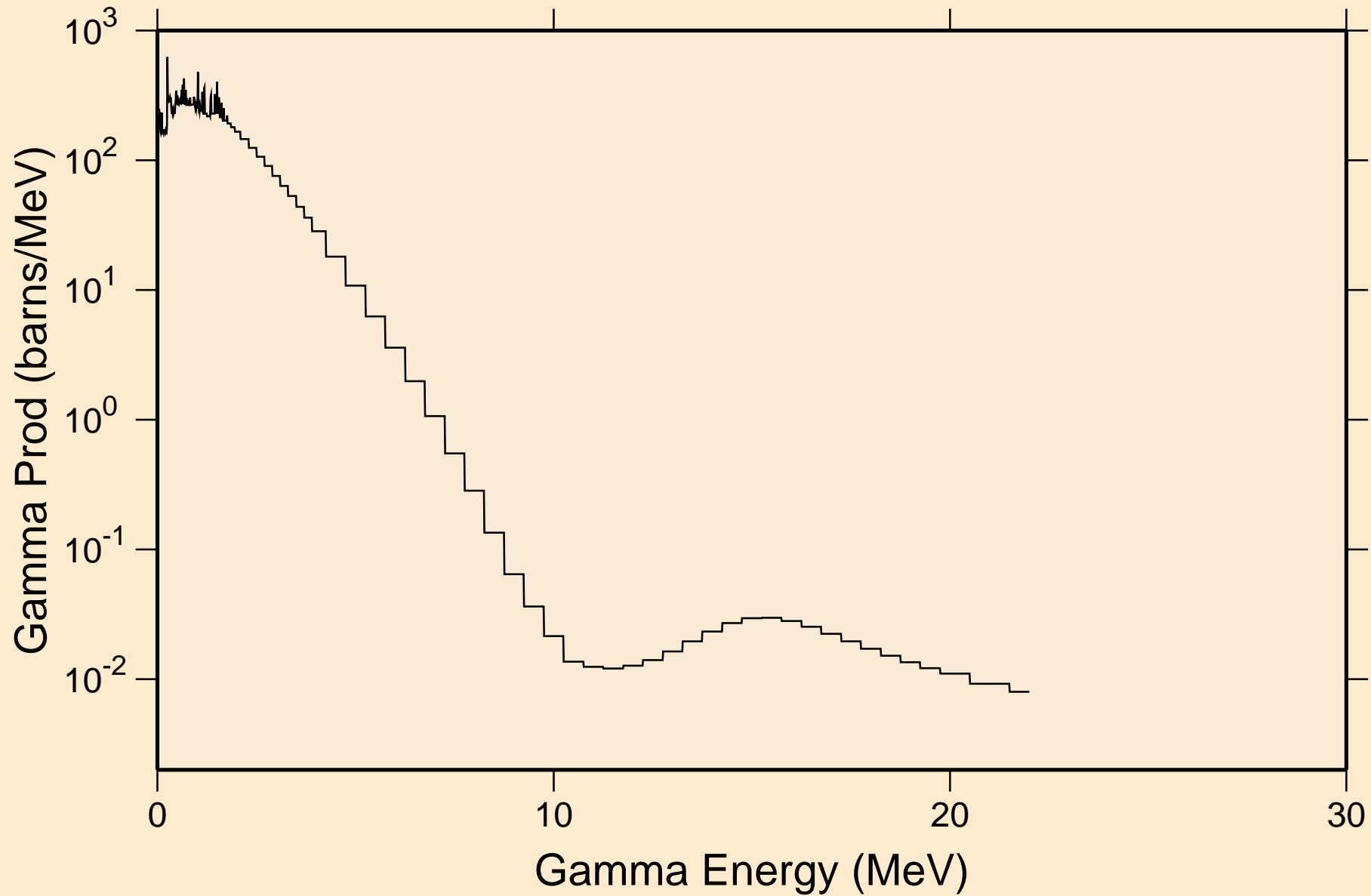
IN113M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



IN113M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

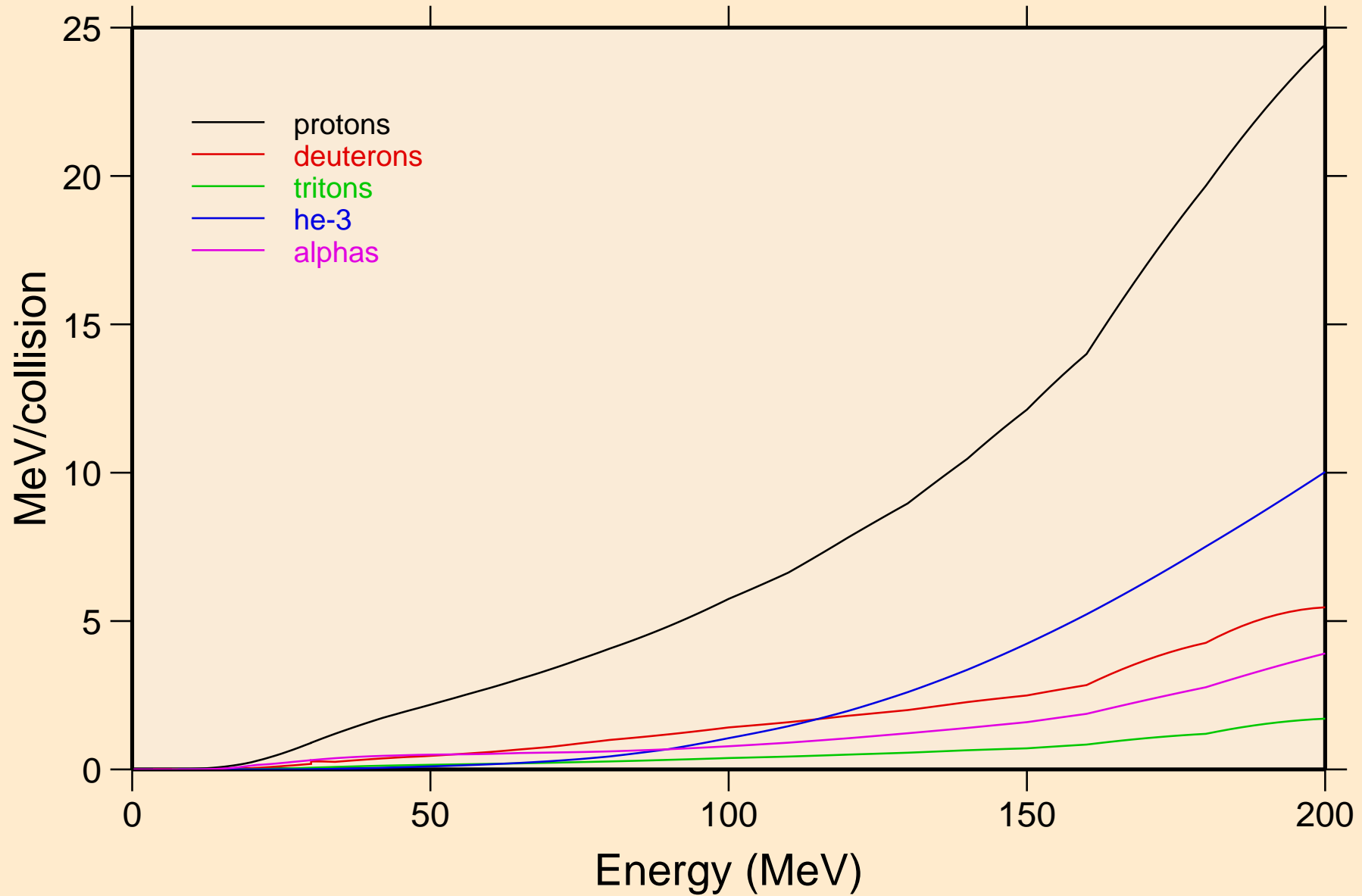


IN113M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



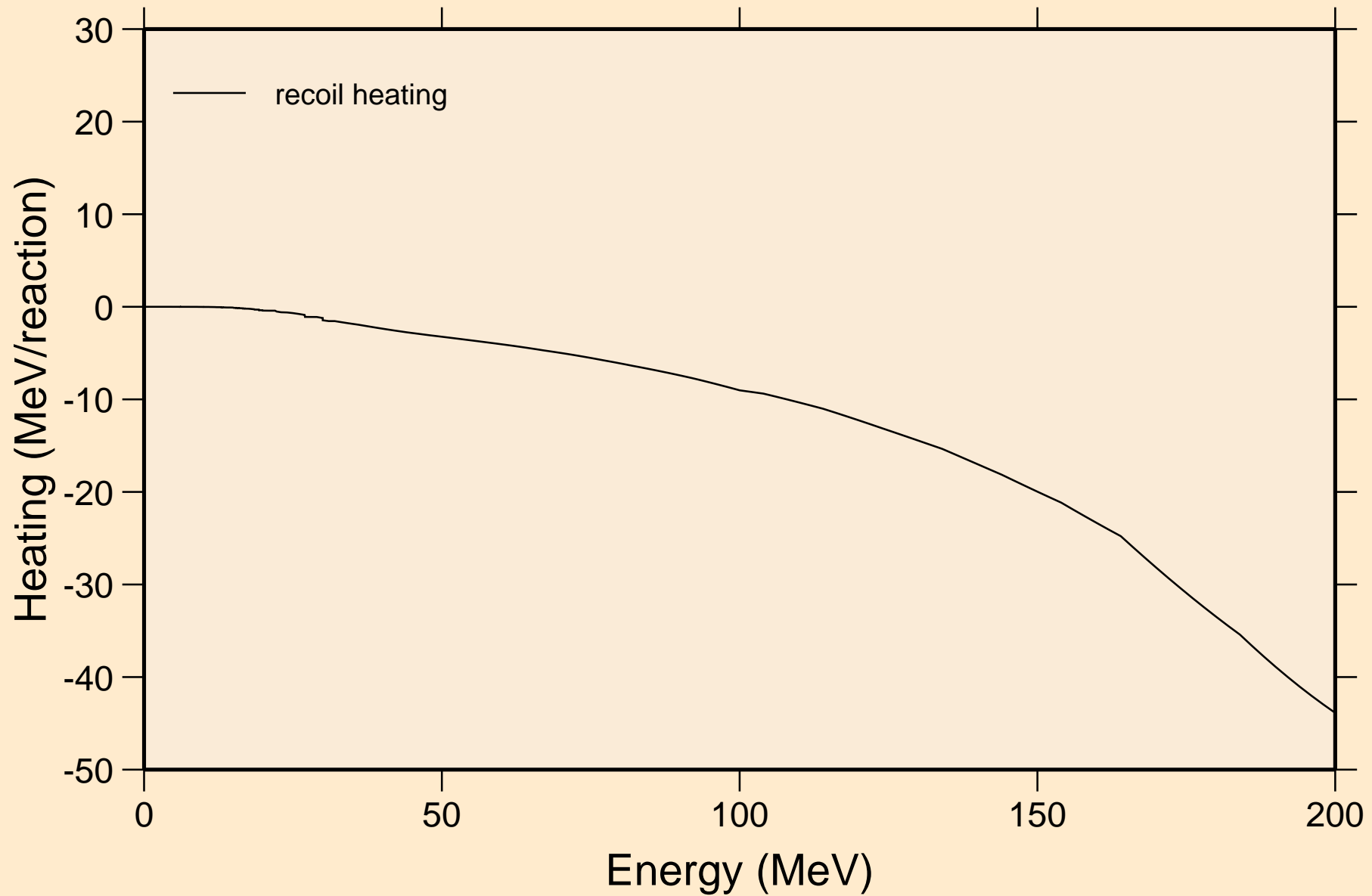
# IN113M NRG TENDL-2015, AKONING

## Particle heating contributions



# IN113M NRG TENDL-2015, AKONING

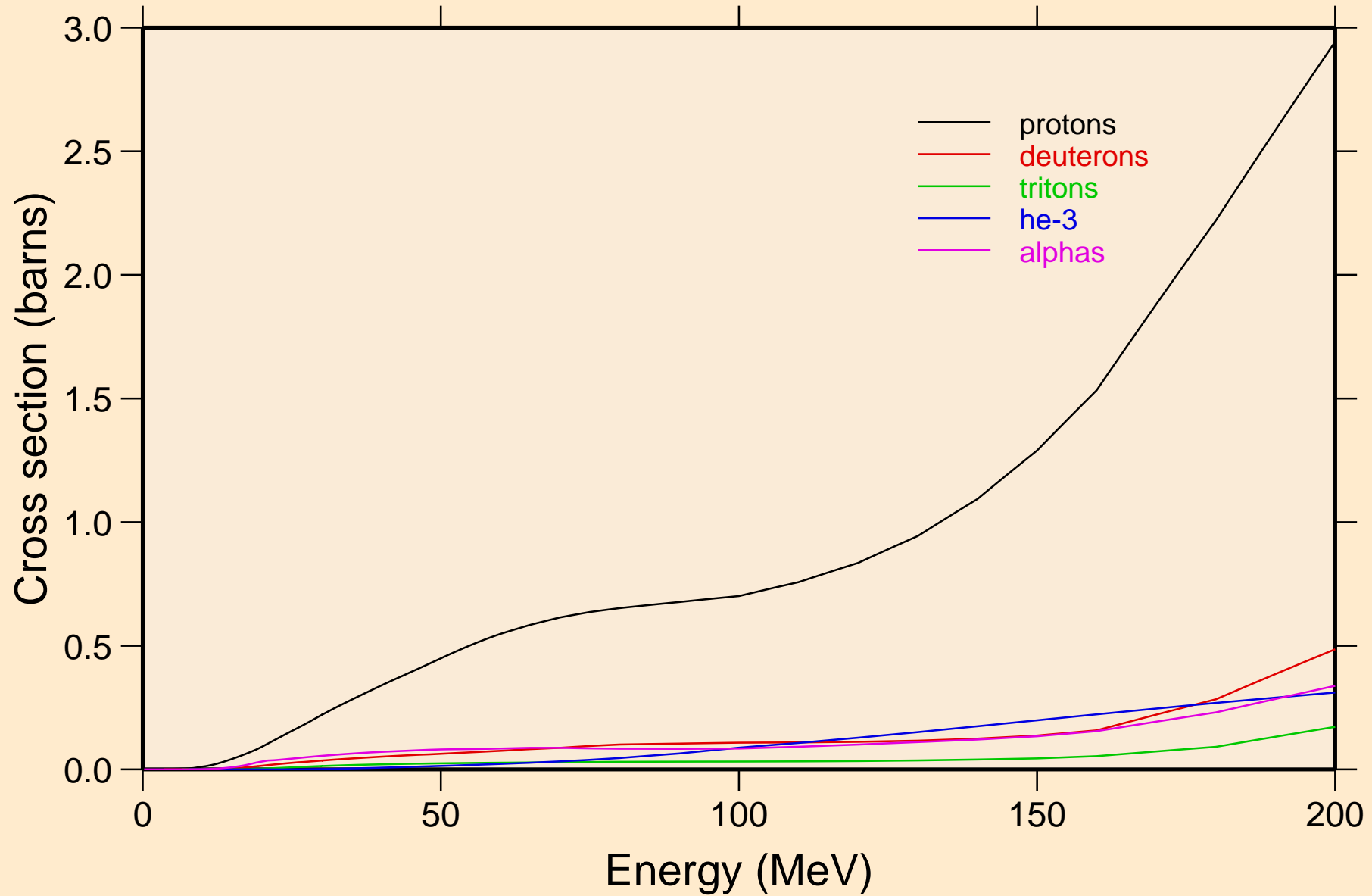
## Recoil Heating



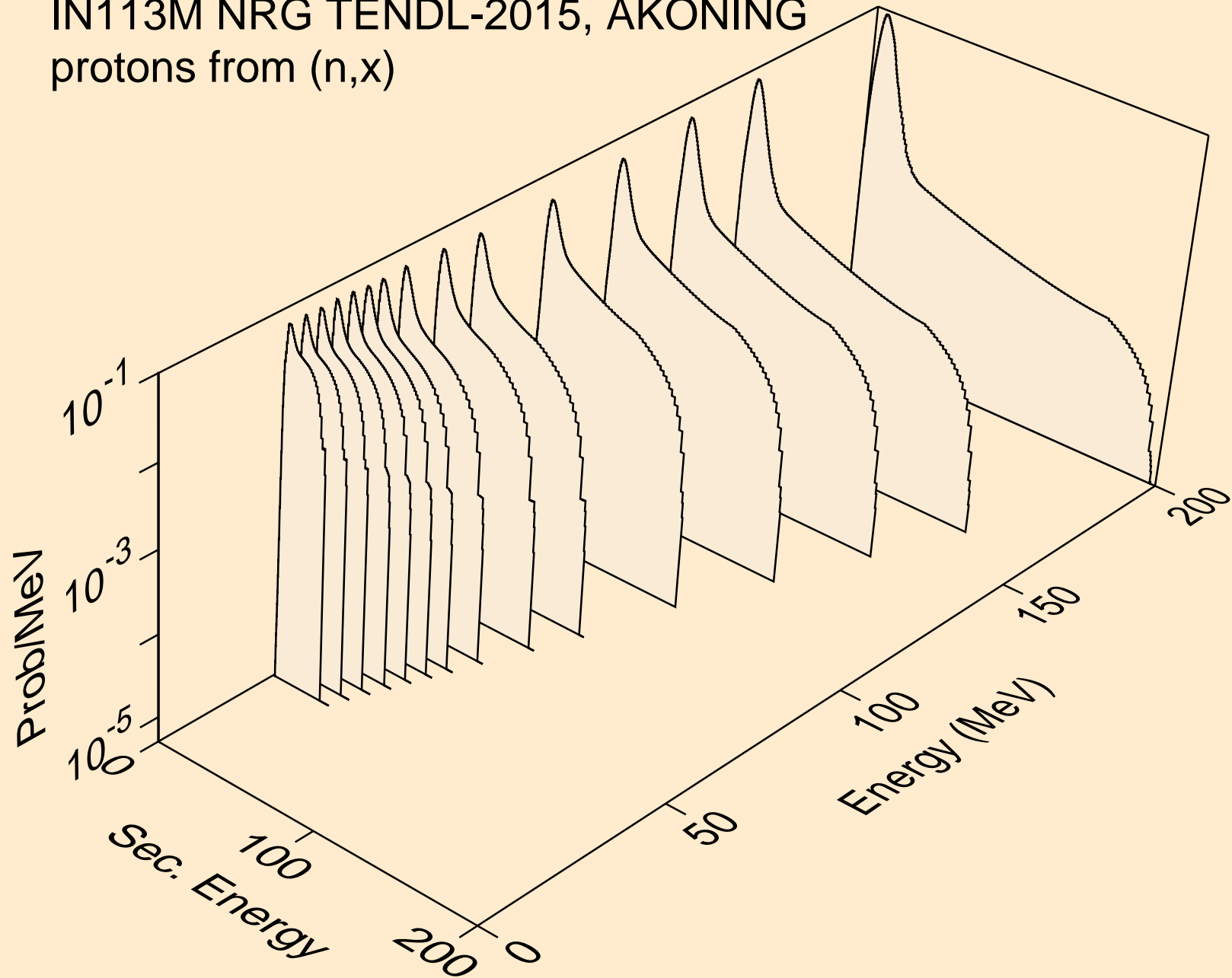


# IN113M NRG TENDL-2015, AKONING

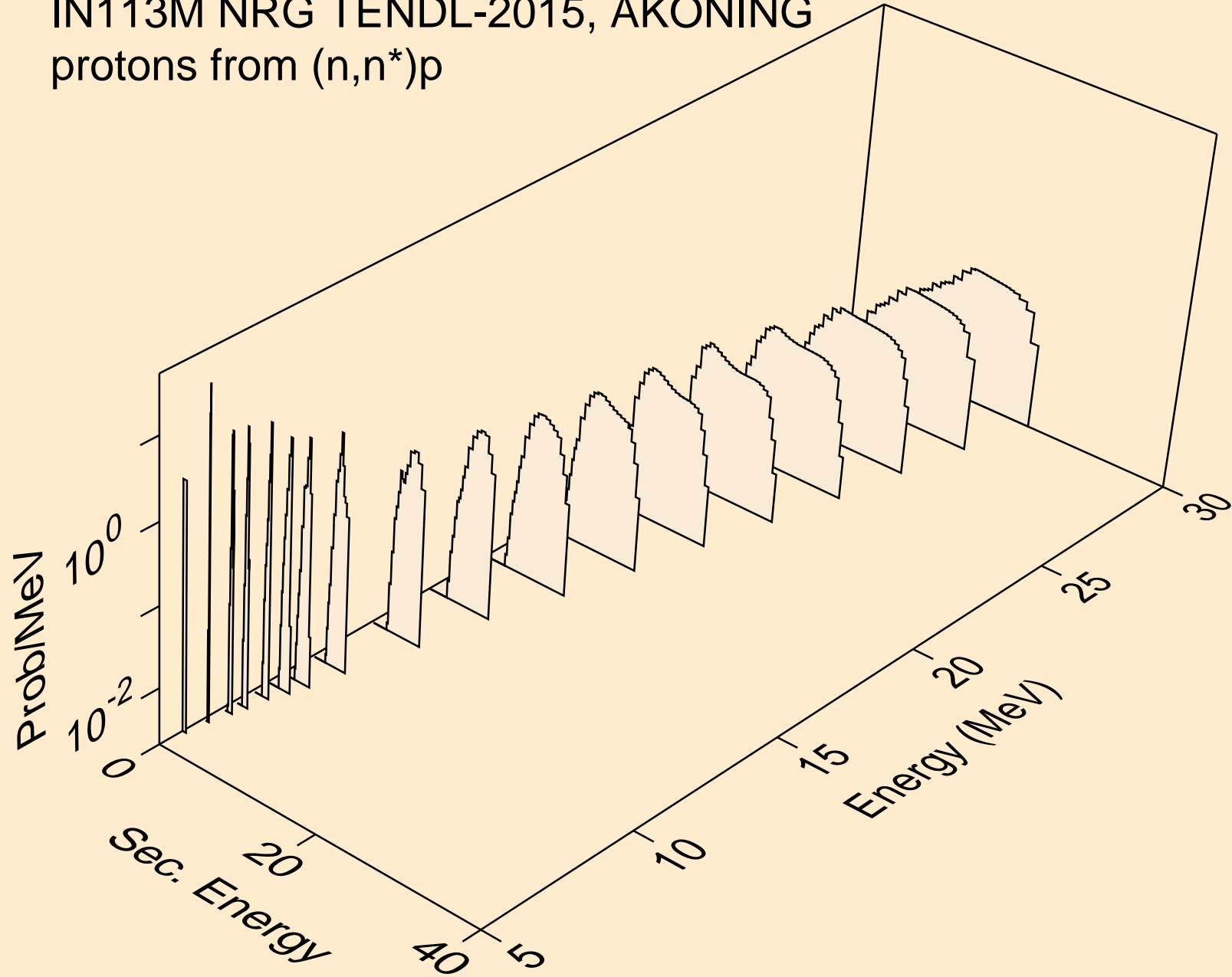
## Particle production cross sections



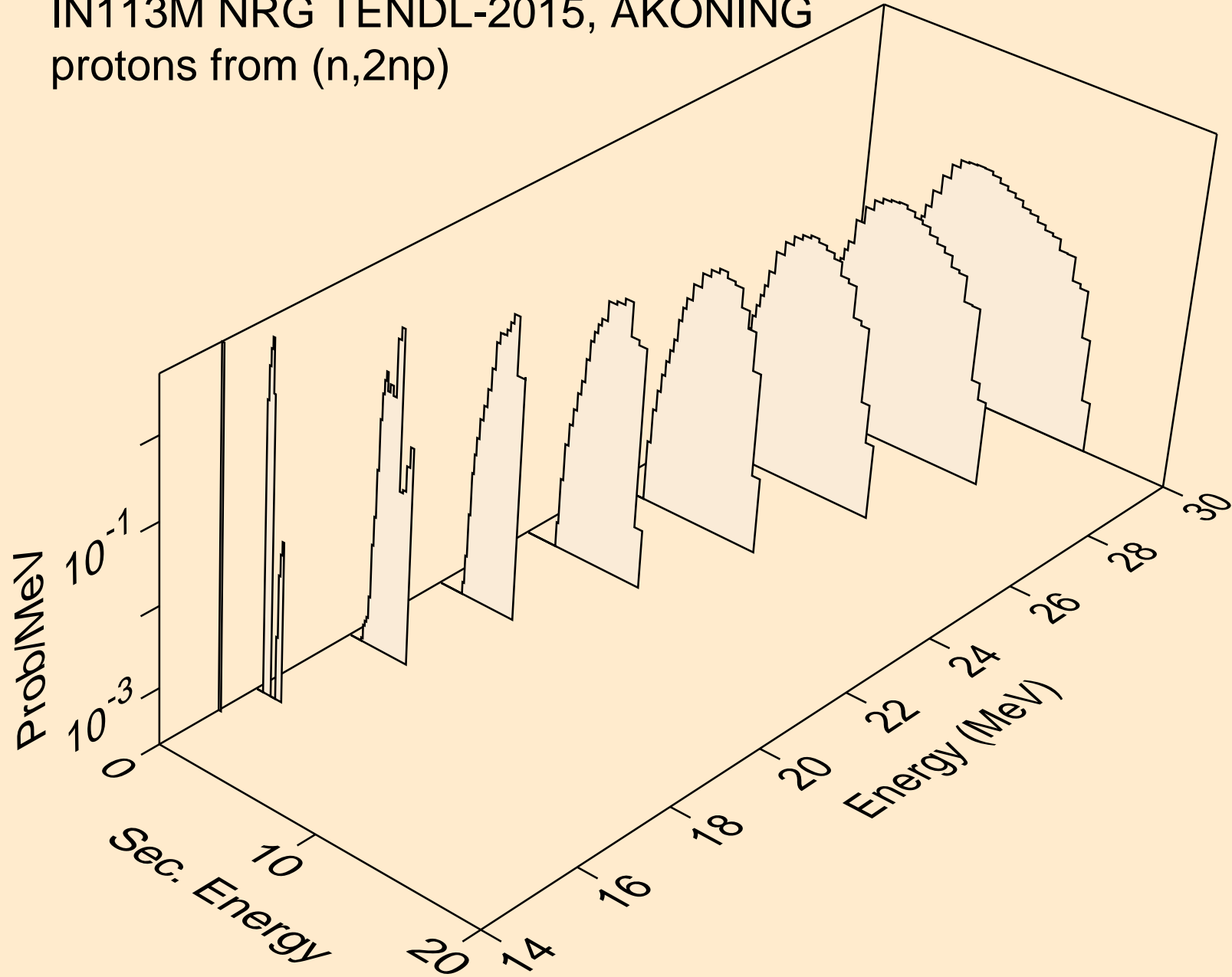
IN113M NRG TENDL-2015, AKONING  
protons from (n,x)



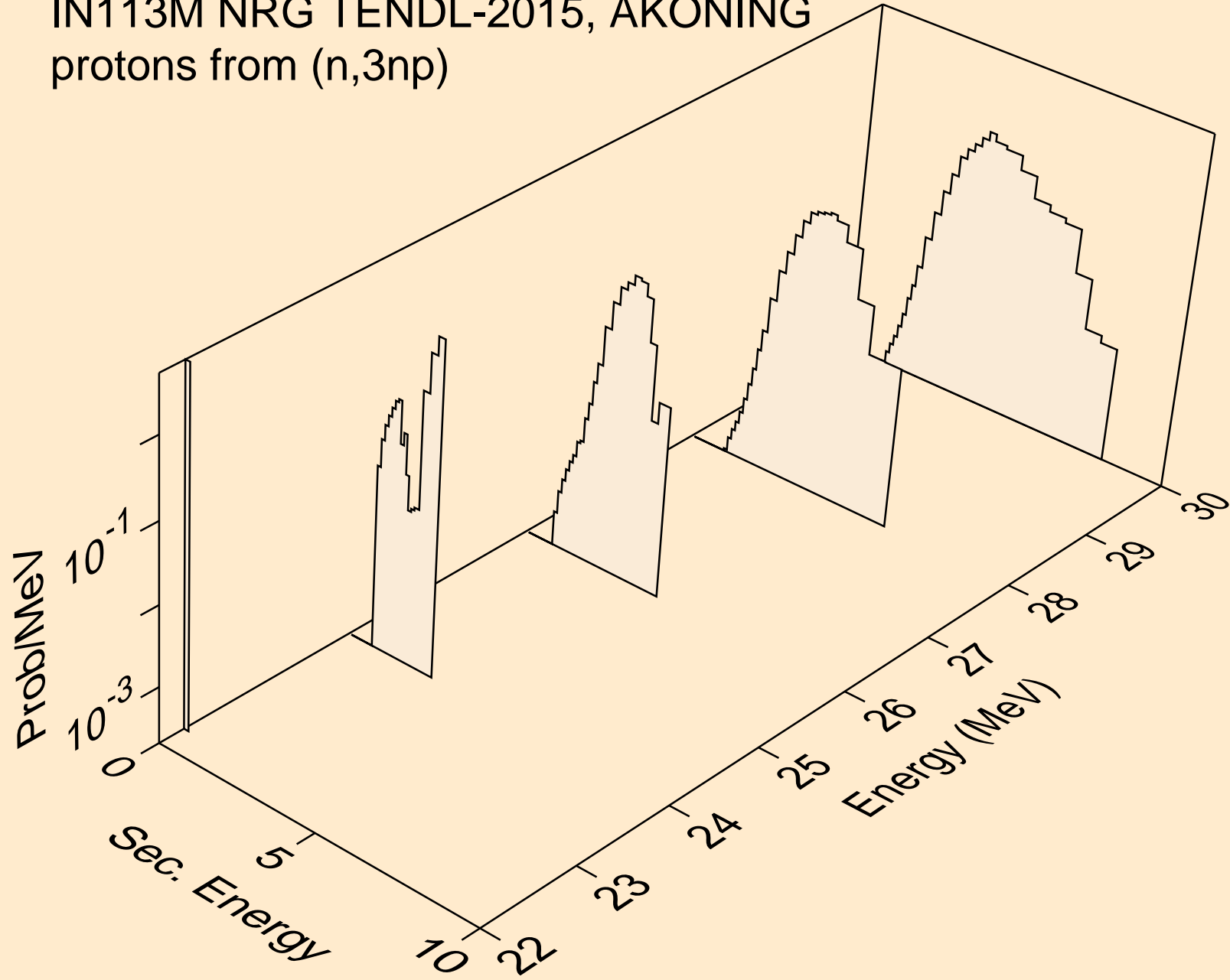
IN113M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



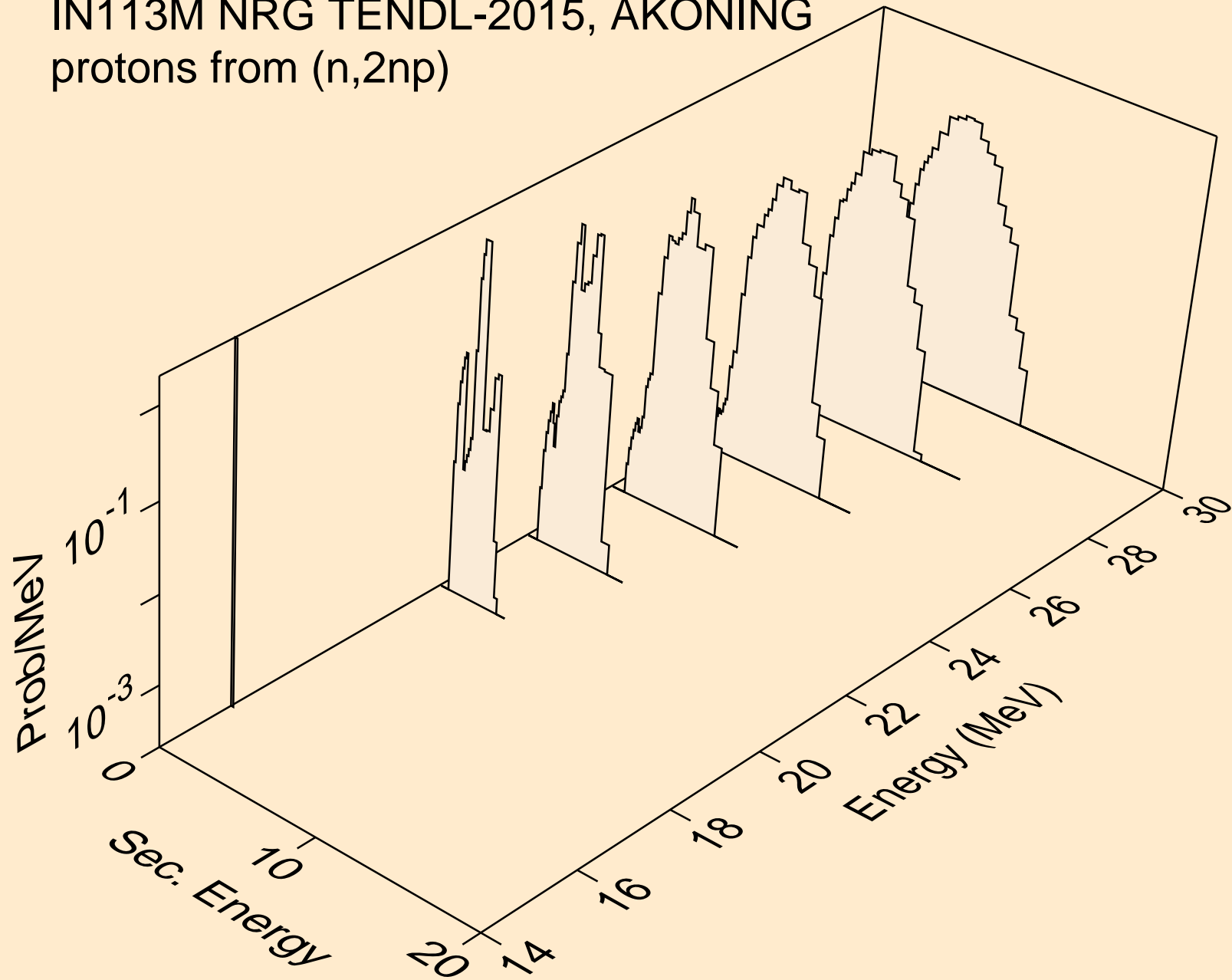
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protons from (n,2np)



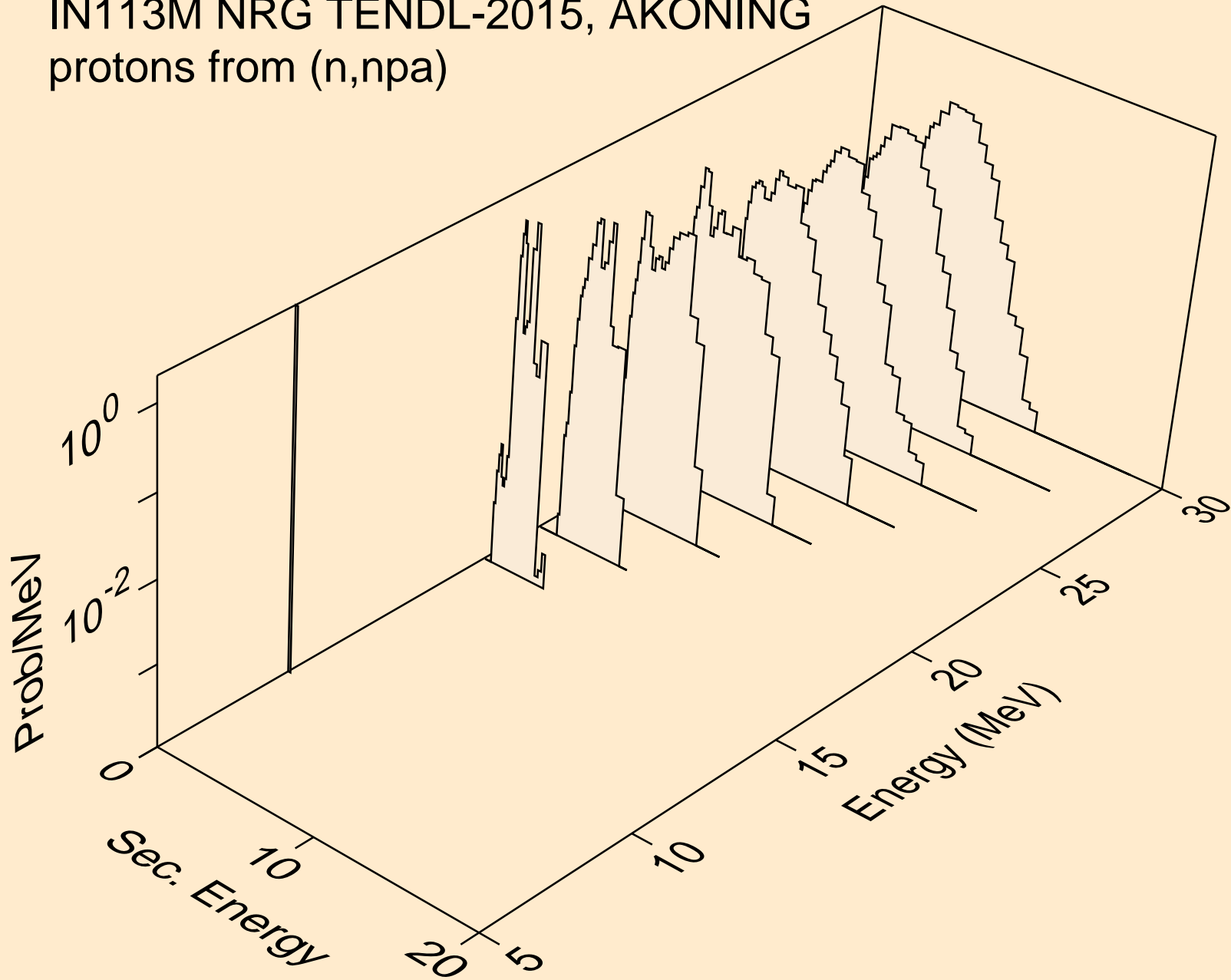
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protons from (n,3np)



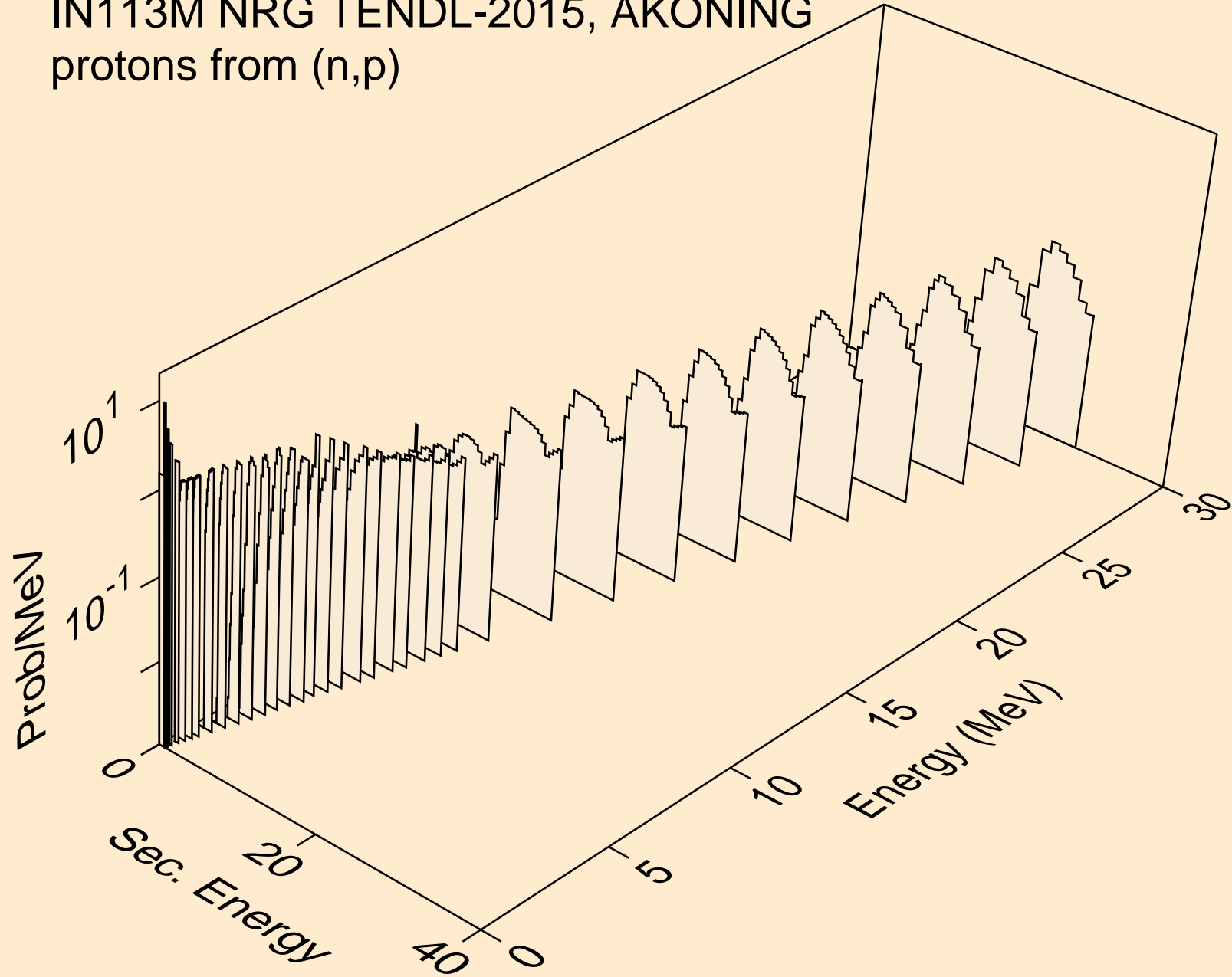
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protons from (n,2np)



IN113M NRG TENDL-2015, AKONING  
protons from (n,npa)

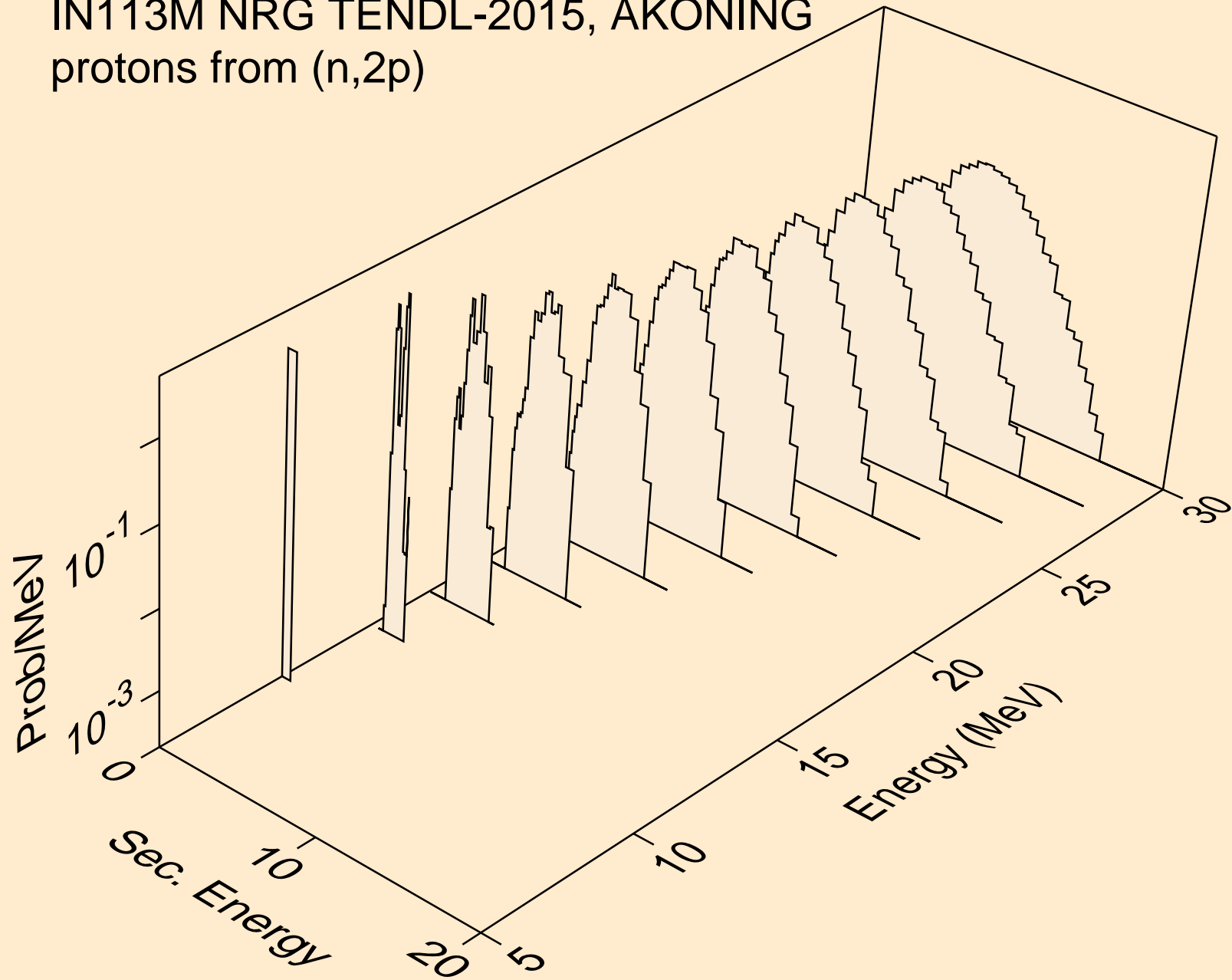


IN113M NRG TENDL-2015, AKONING  
protons from (n,p)

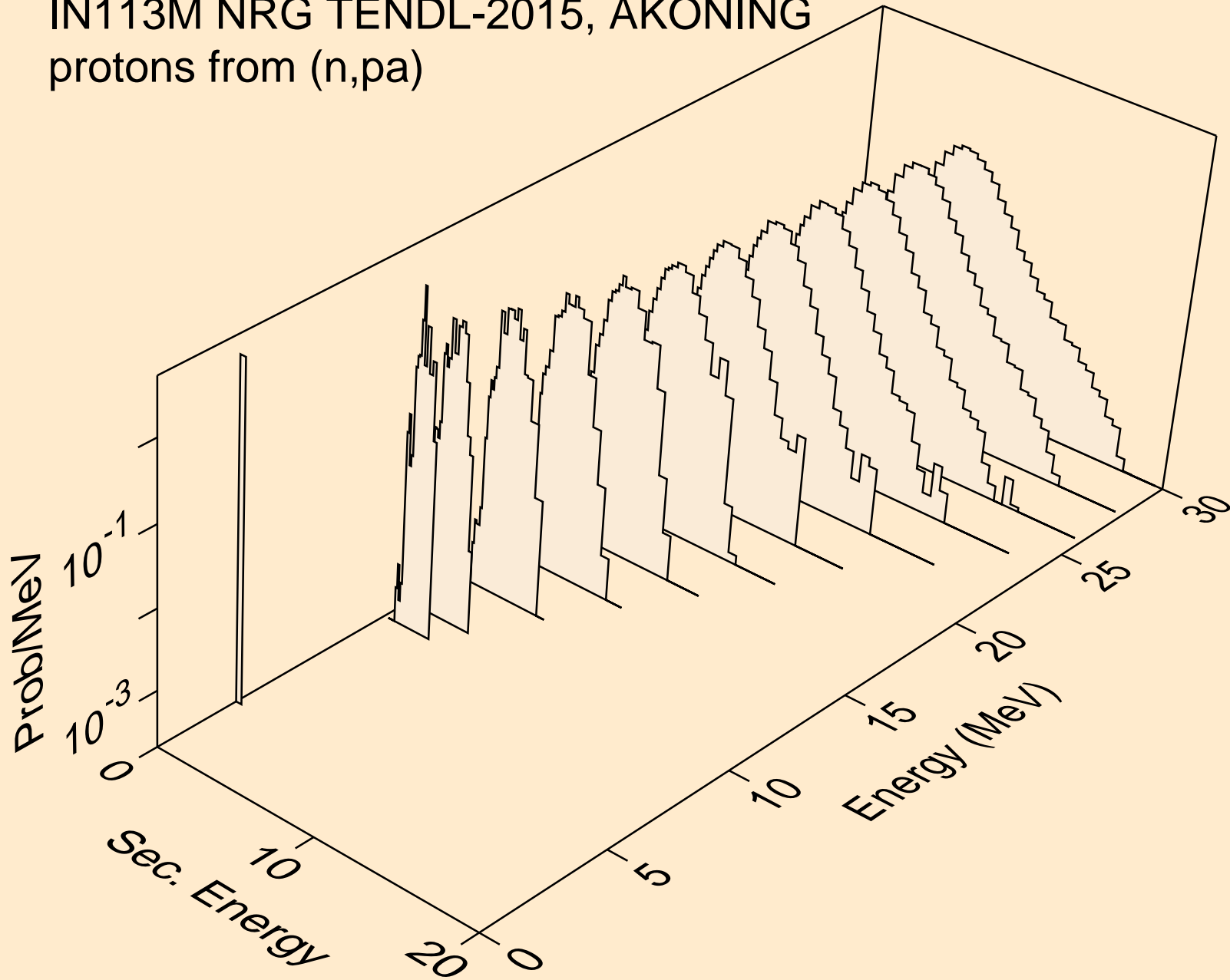




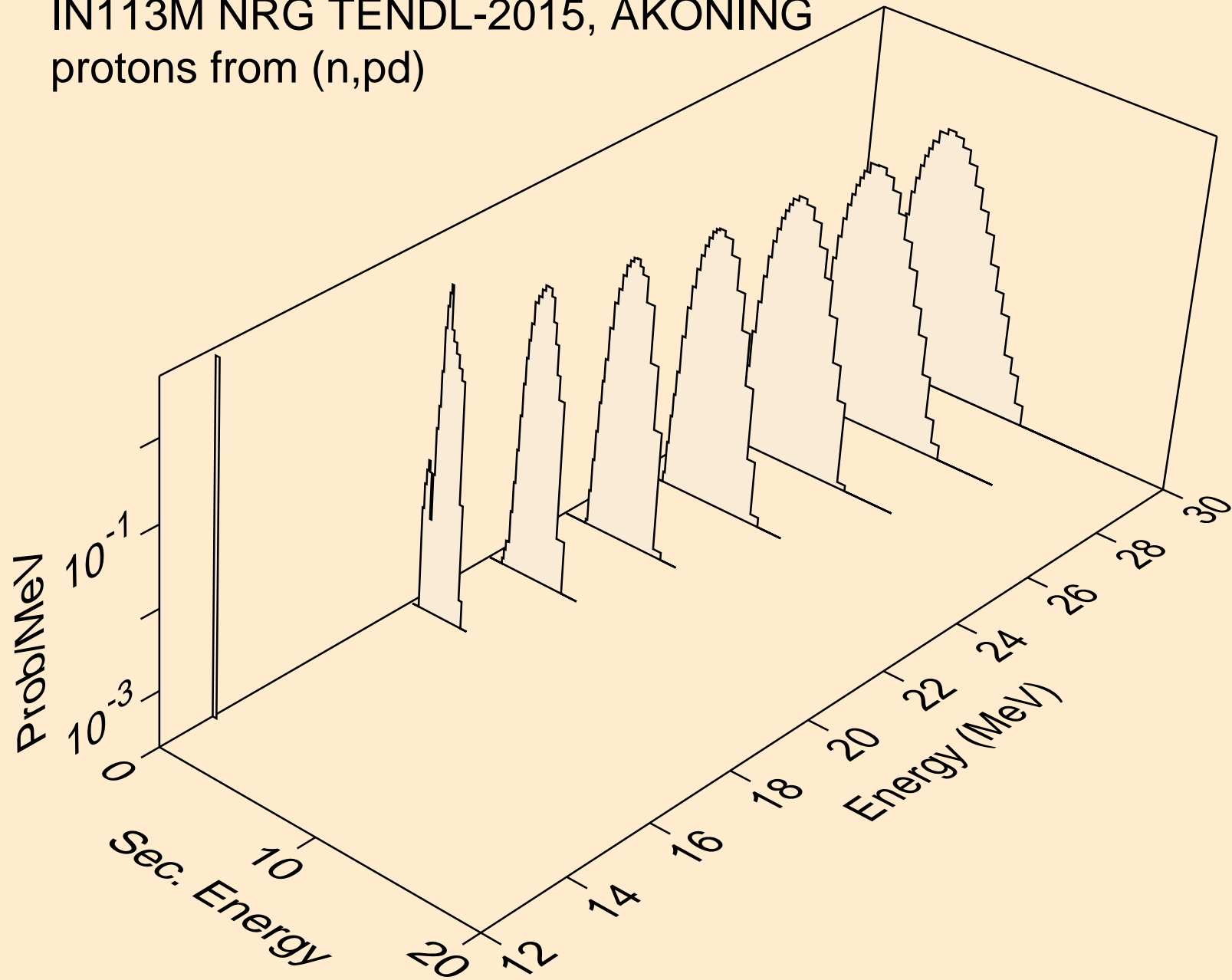
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protons from (n,2p)



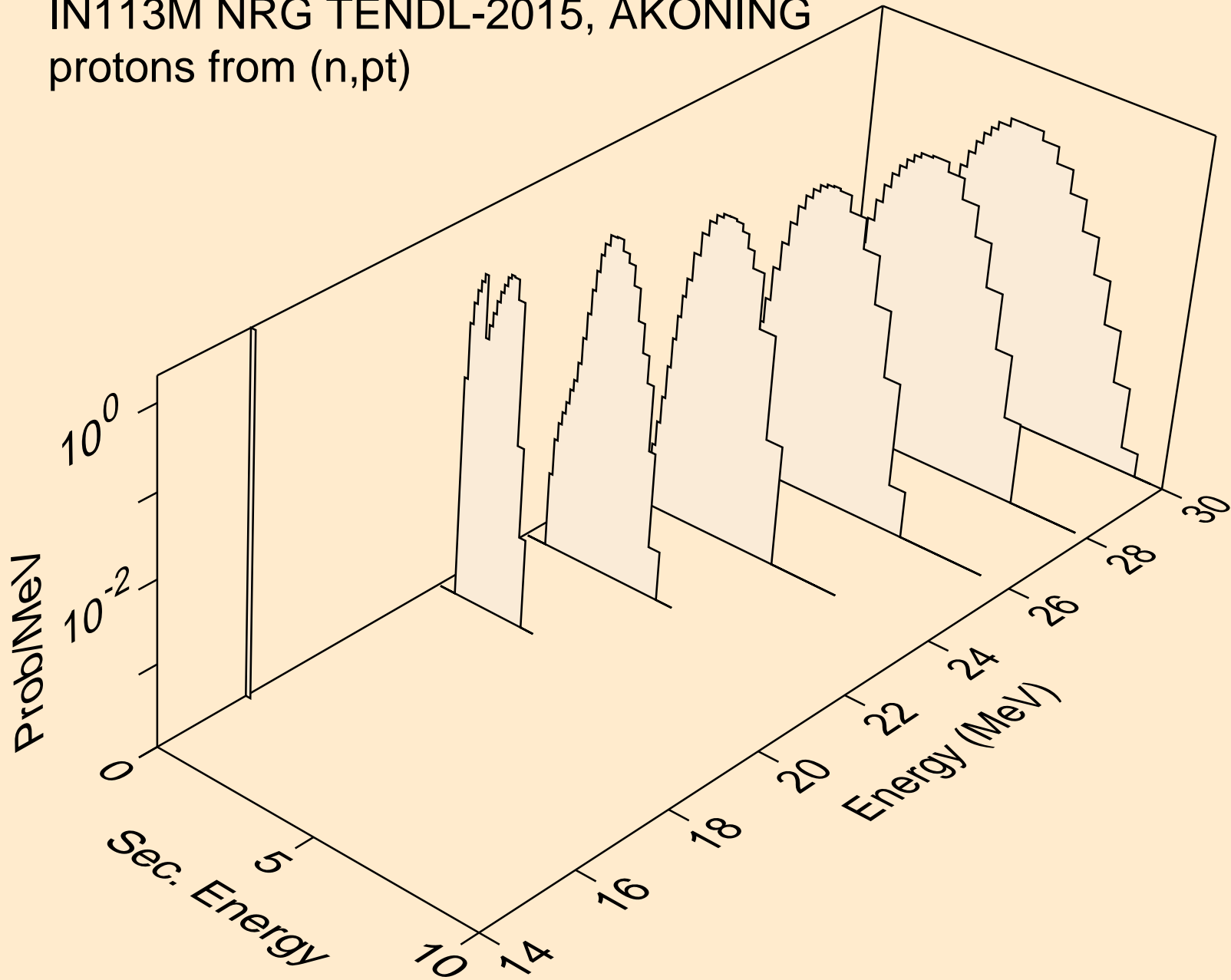
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protons from (n,pa)



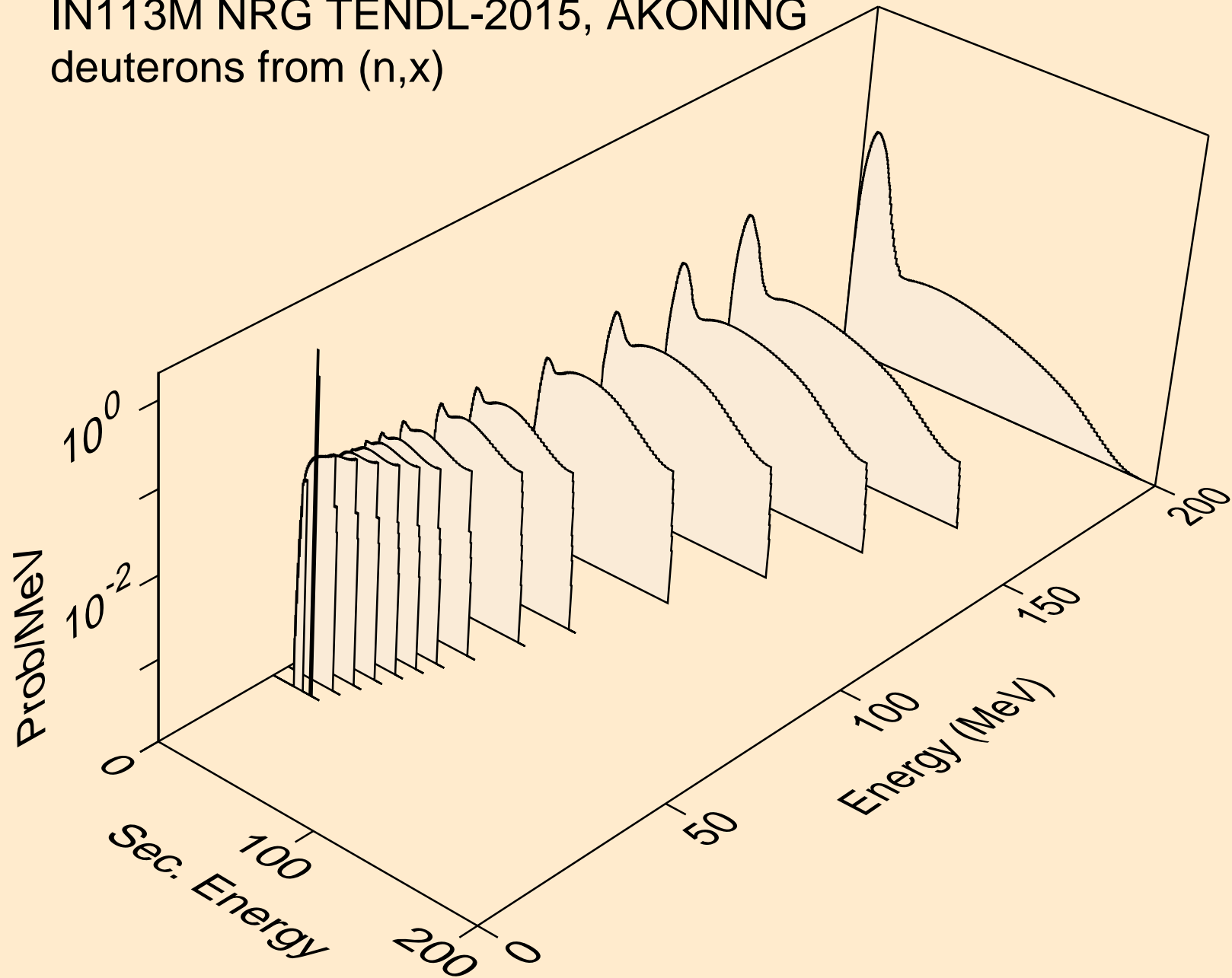
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protons from (n,pd)



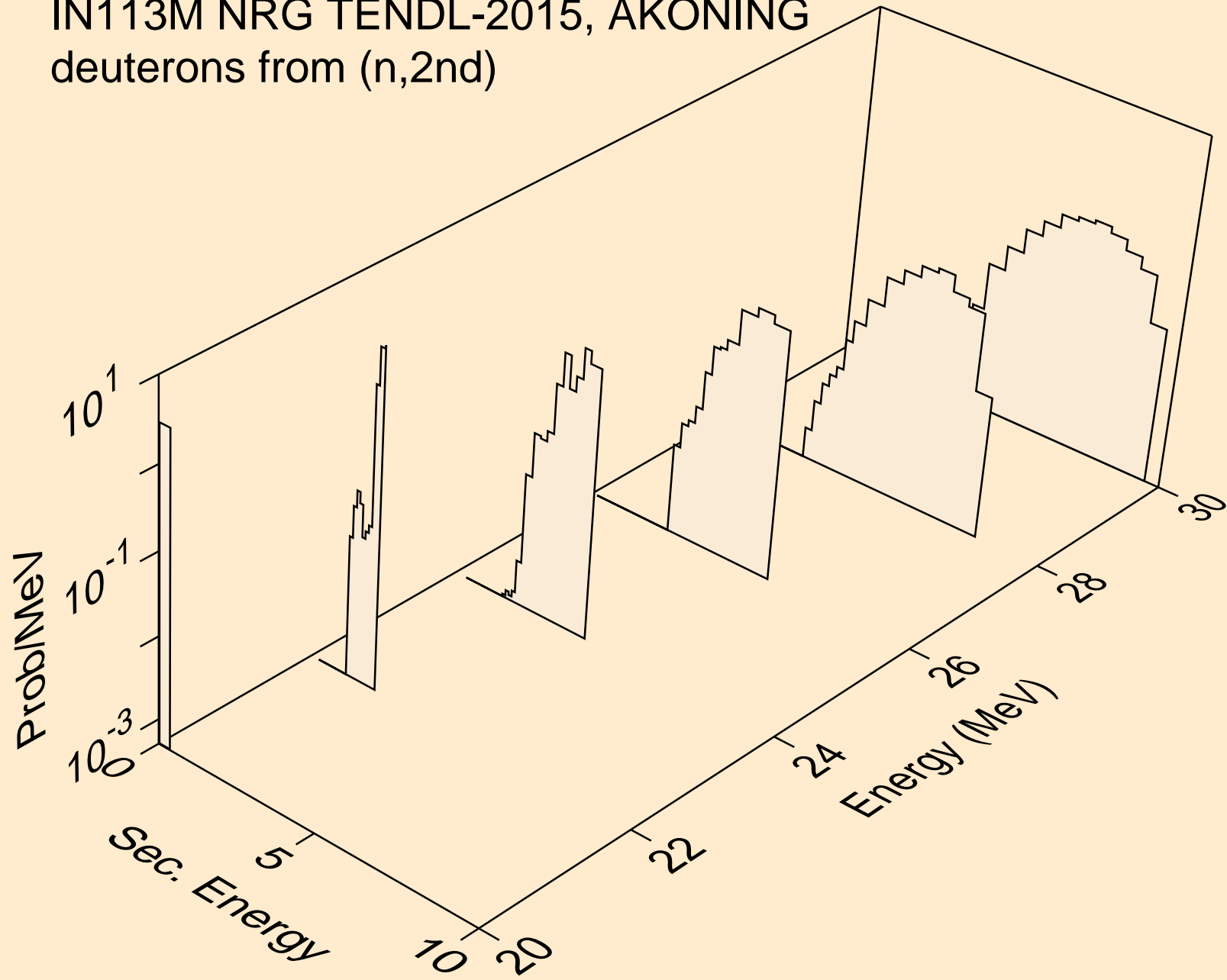
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protons from (n,pt)



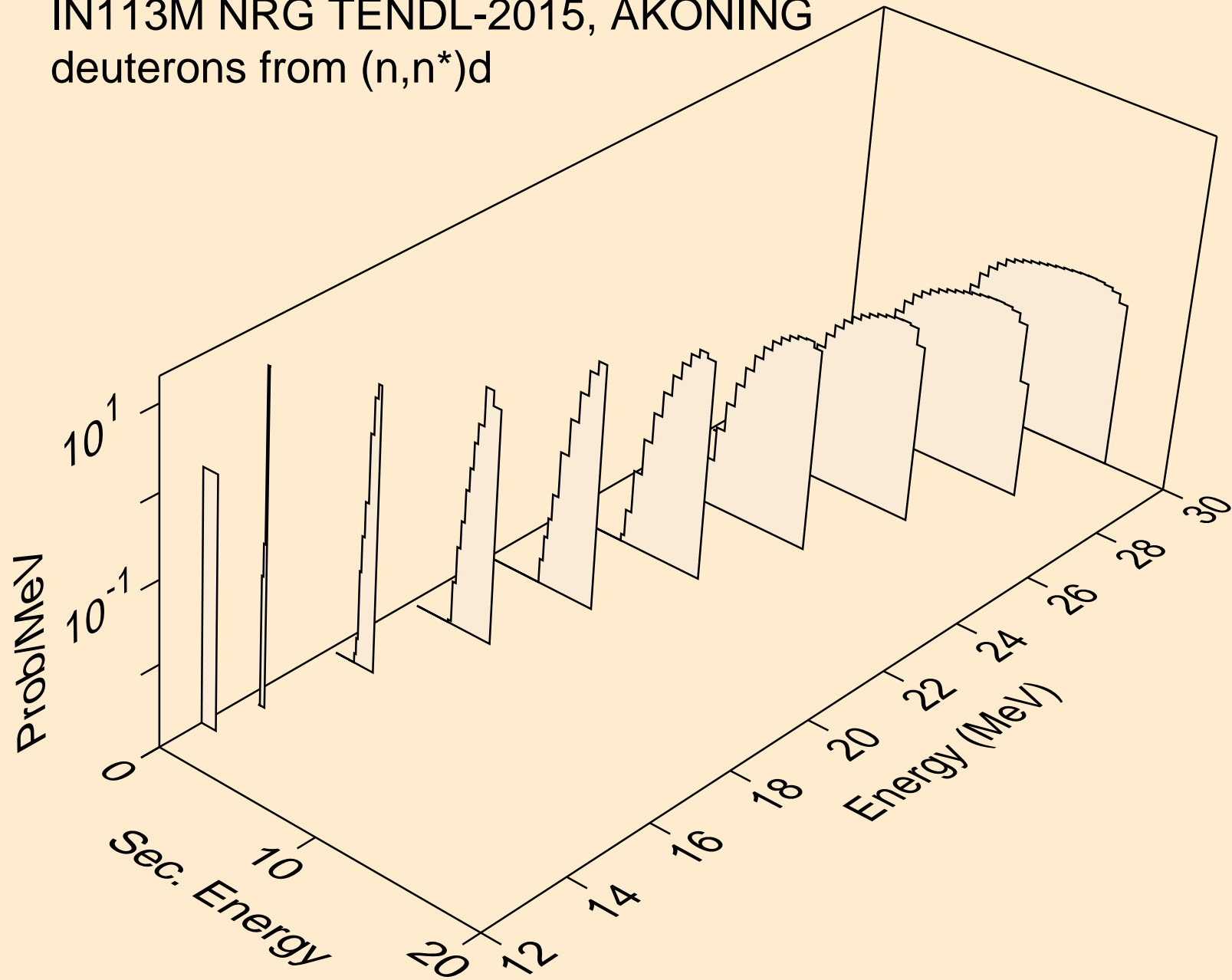
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deuterons from (n,x)



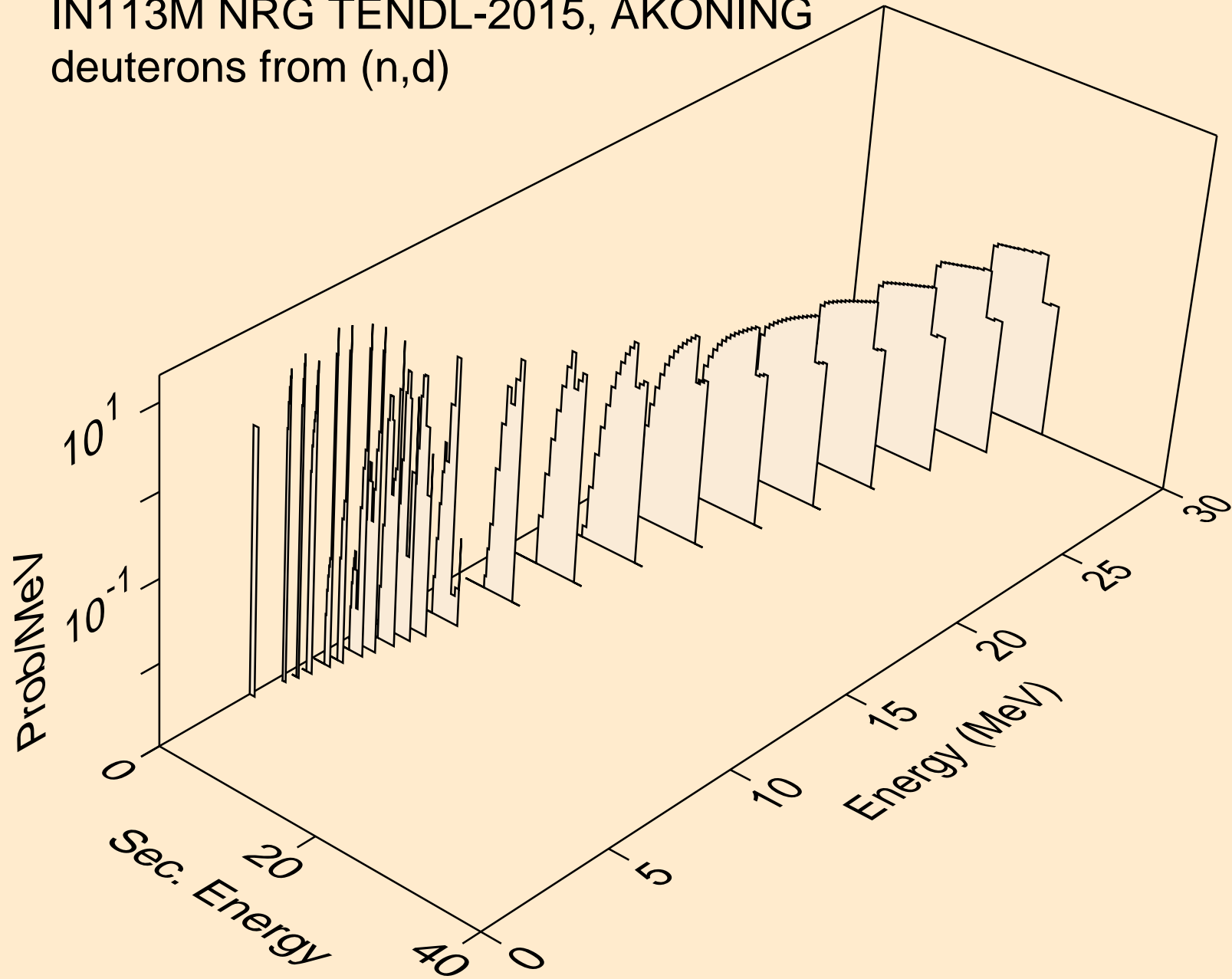
IN113M NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



IN113M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

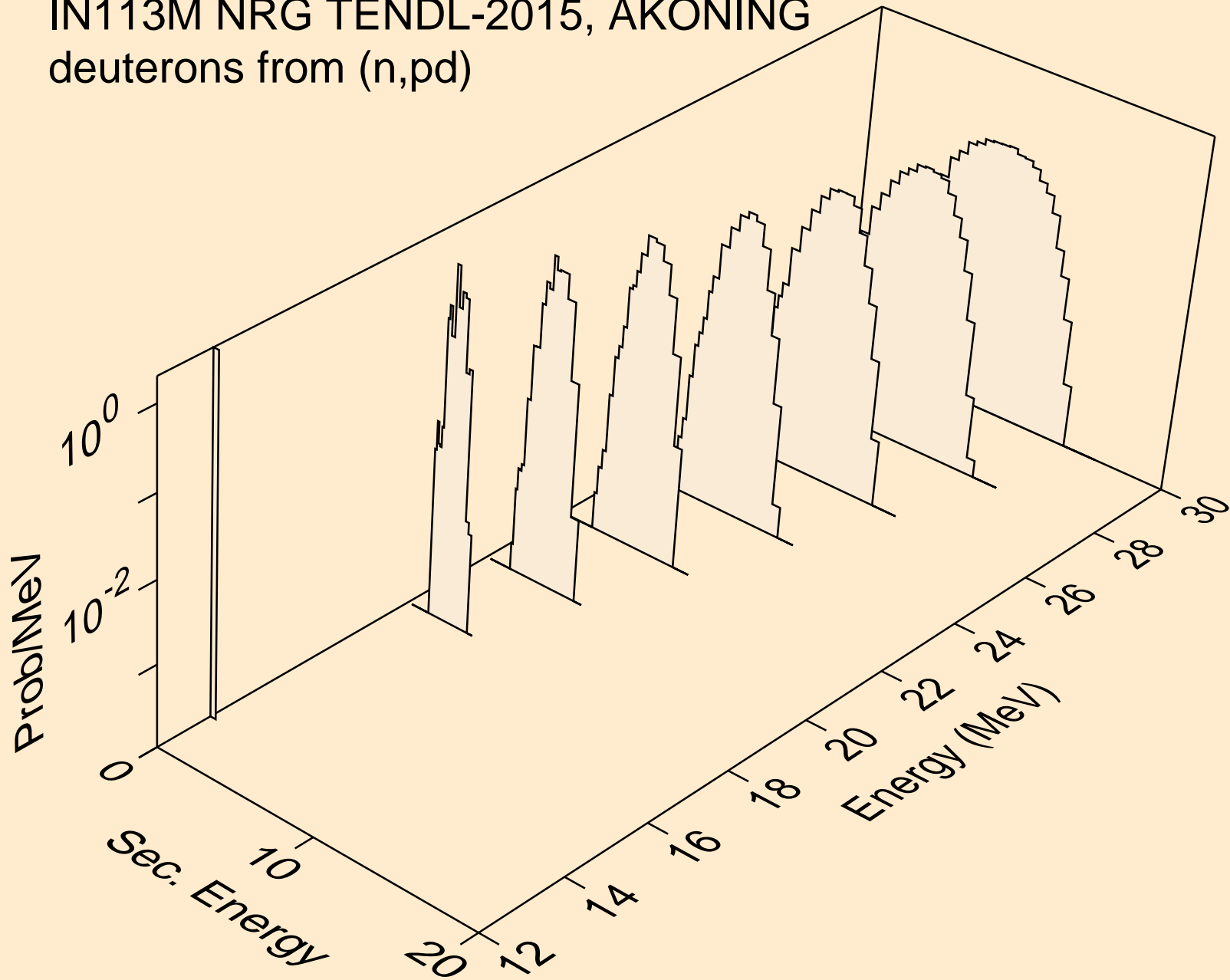


IN113M NRG TENDL-2015, AKONING  
deuterons from (n,d)

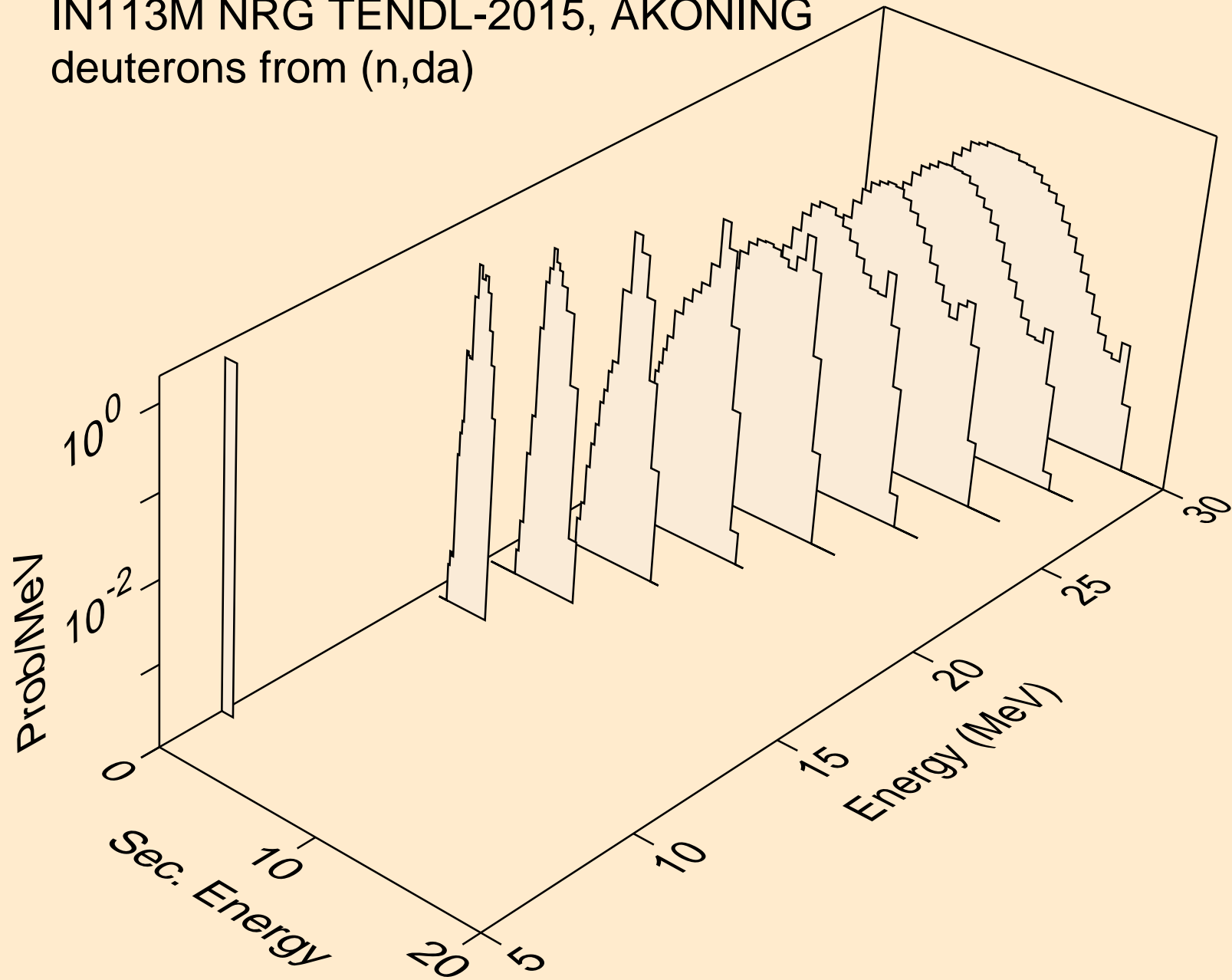




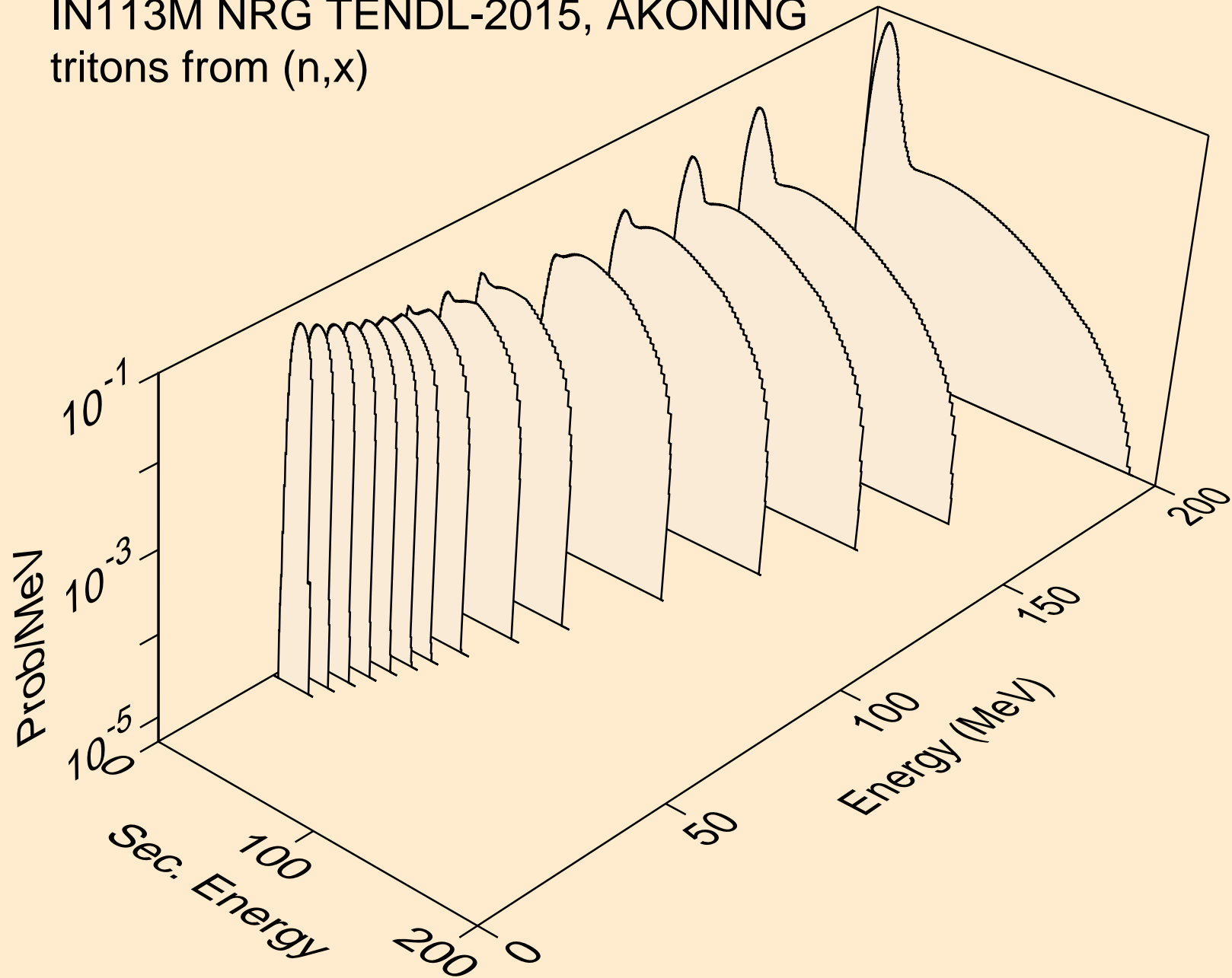
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deuterons from (n,pd)



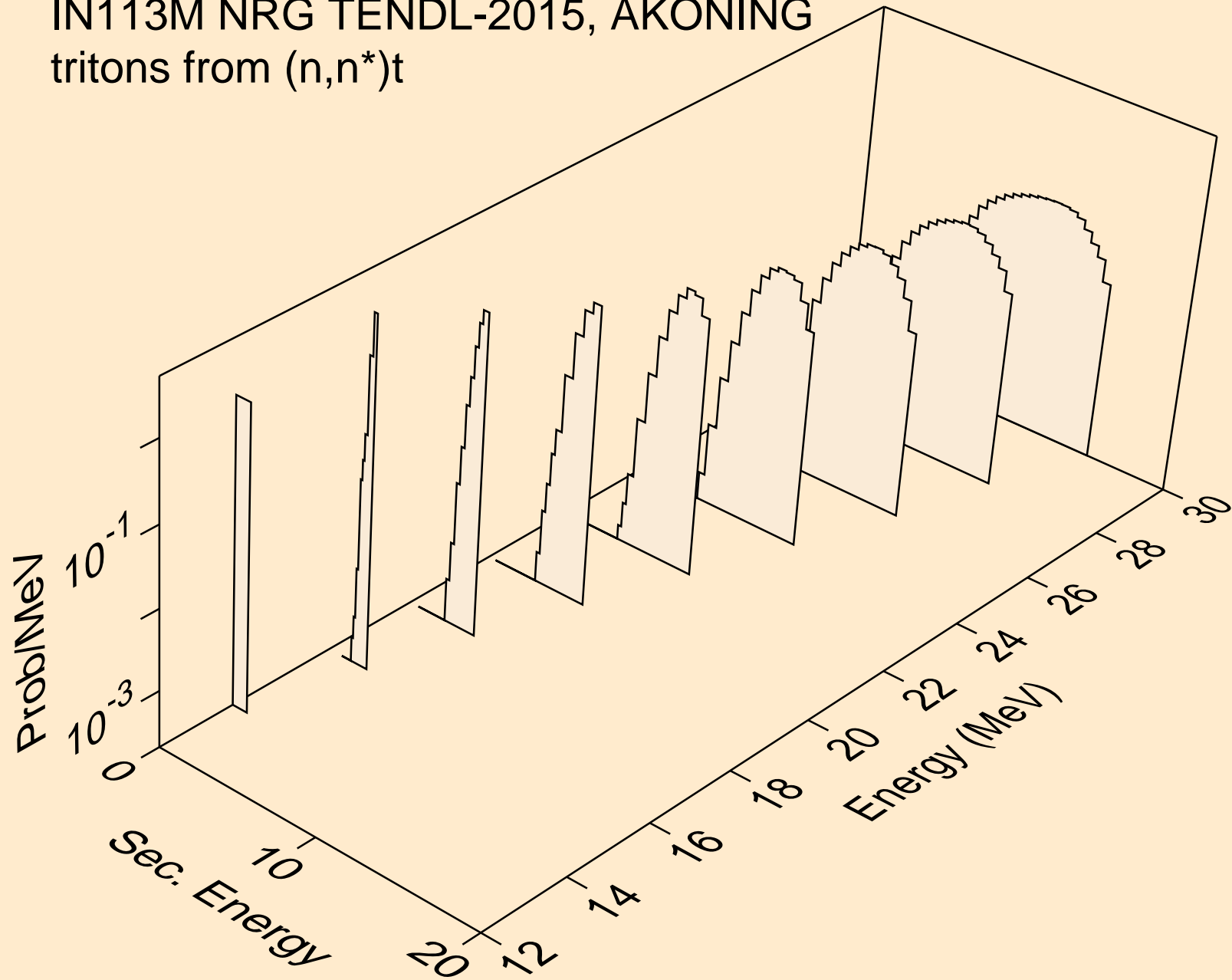
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deuterons from (n,da)



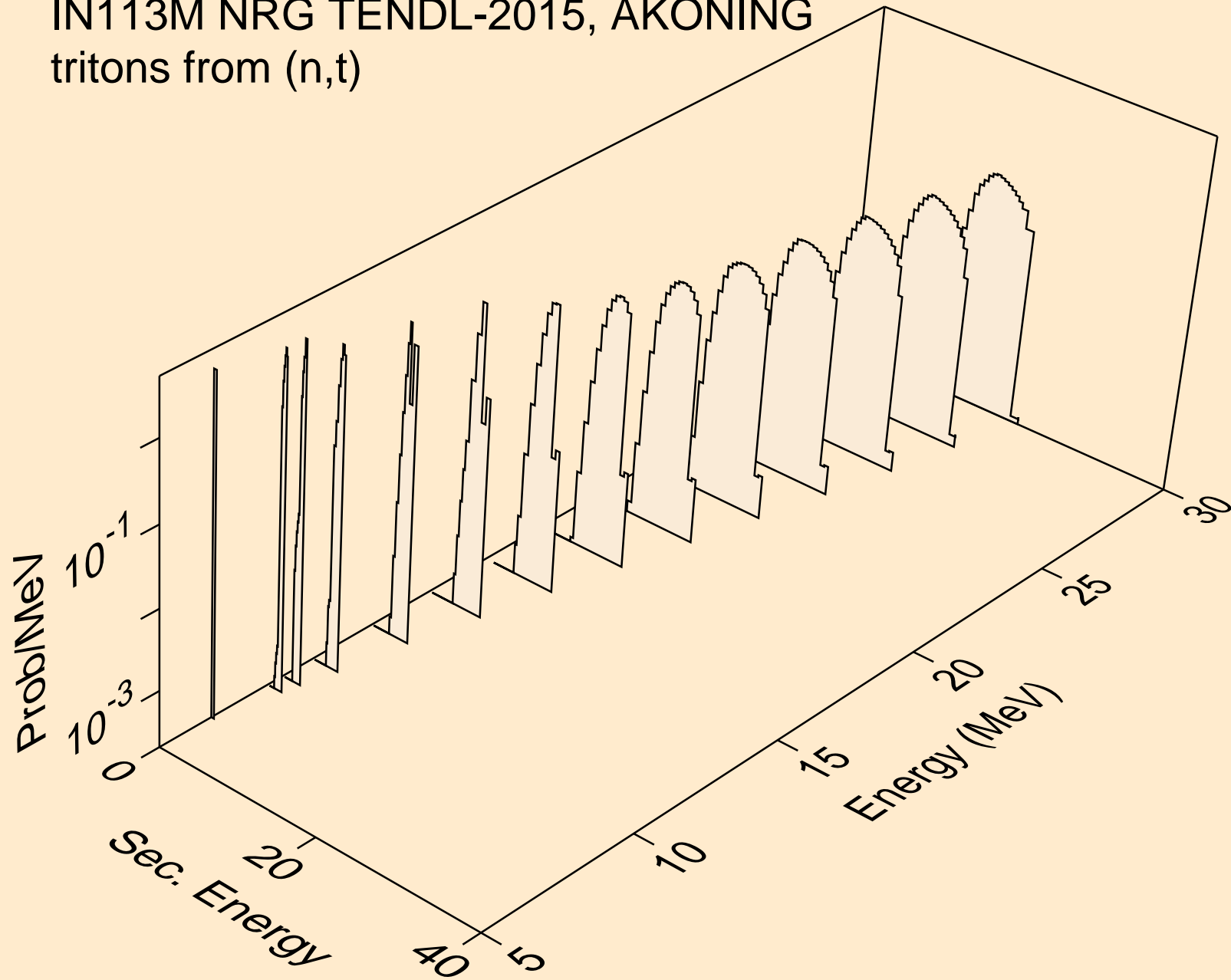
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tritons from (n,x)



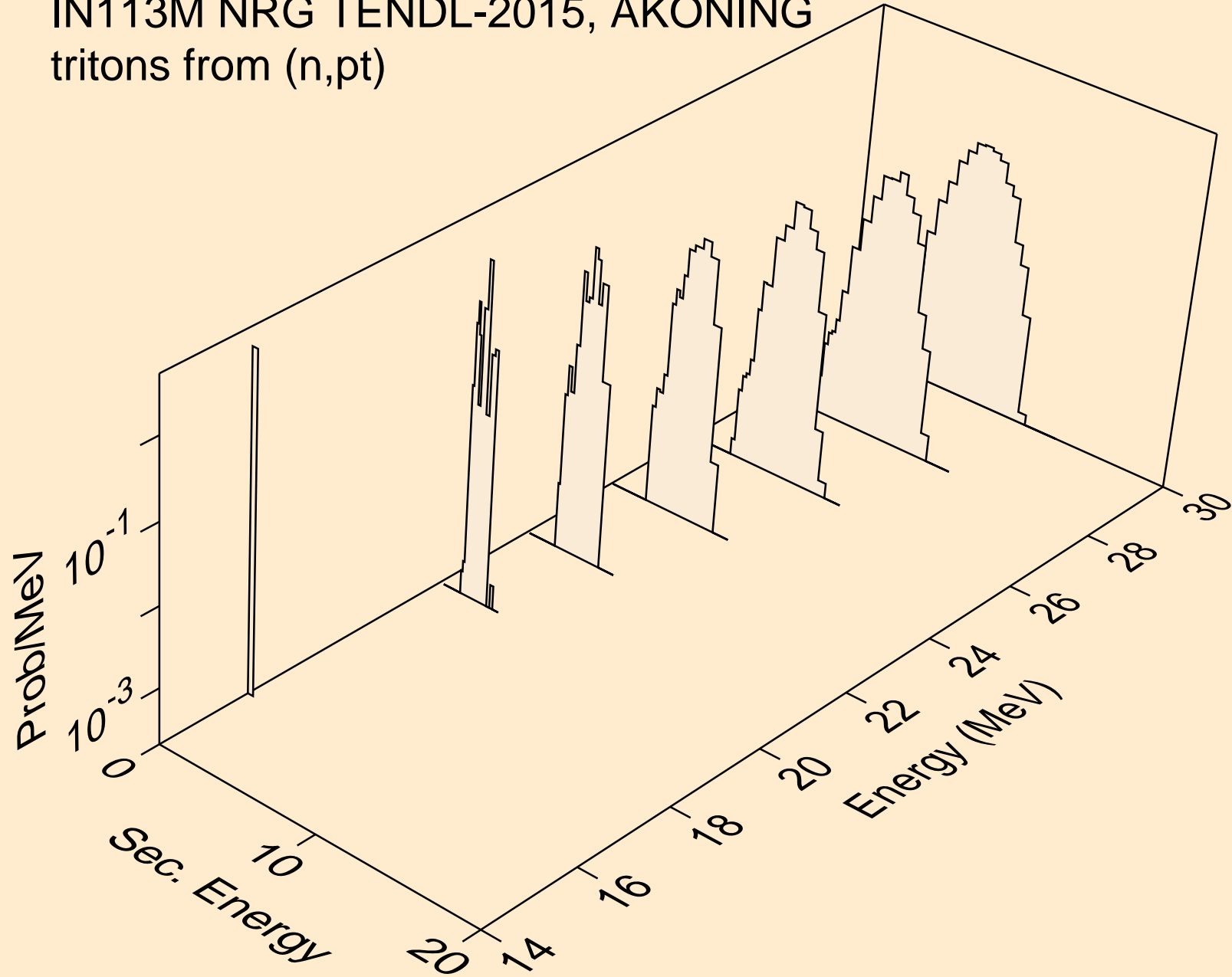
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tritons from (n,n\*)t



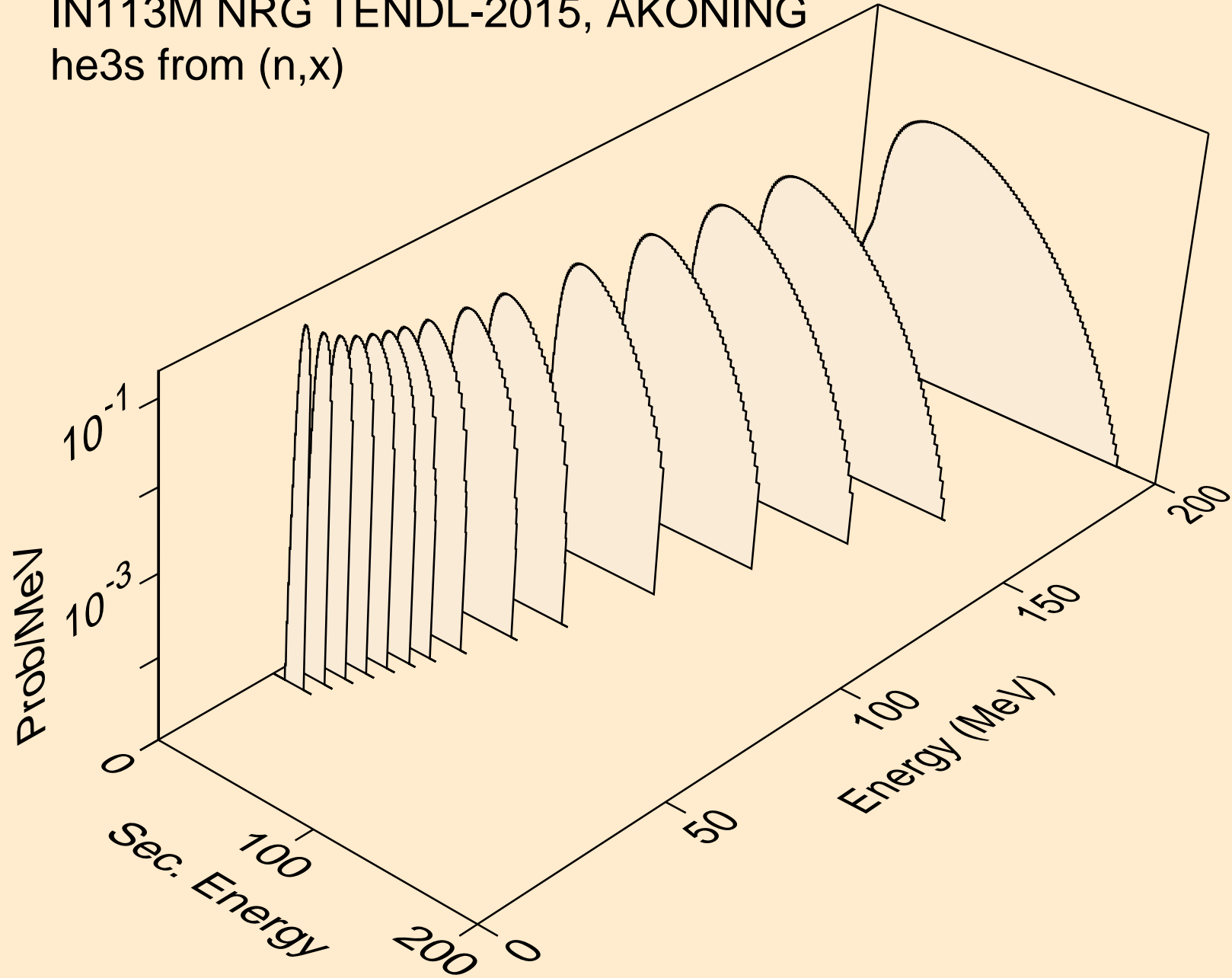
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tritons from (n,t)



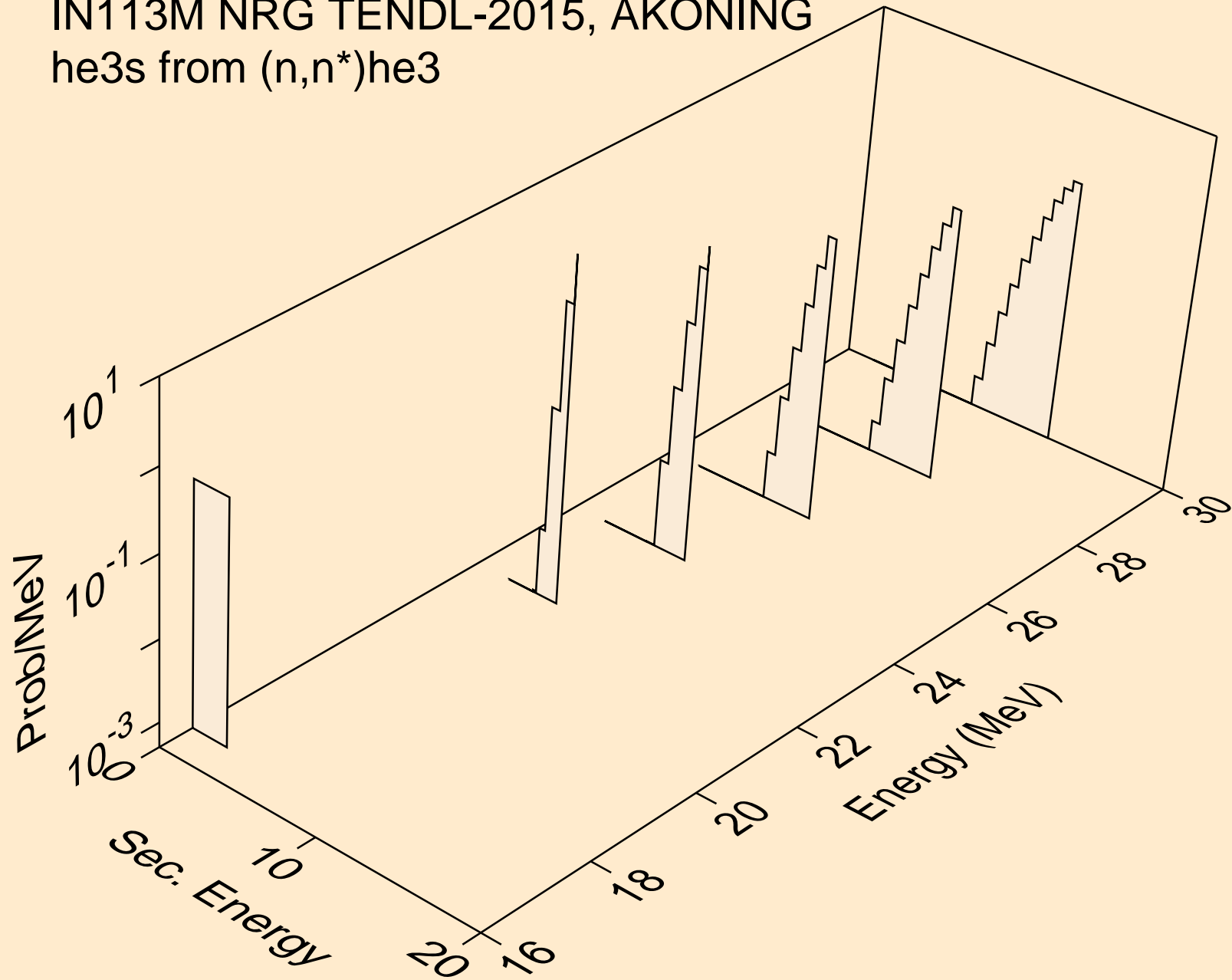
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tritons from (n,pt)



IN113M NRG TENDL-2015, AKONING  
he3s from (n,x)

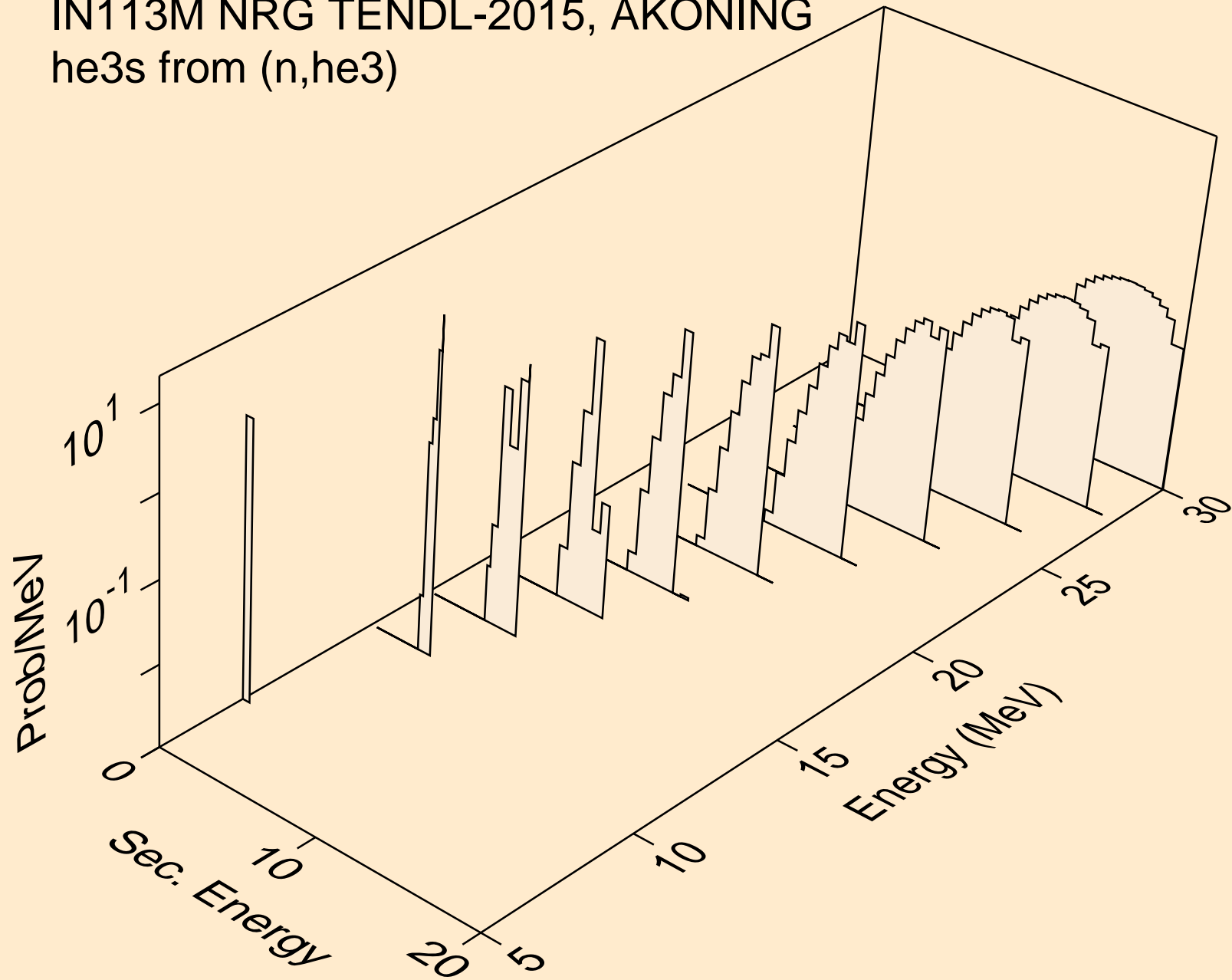


IN113M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

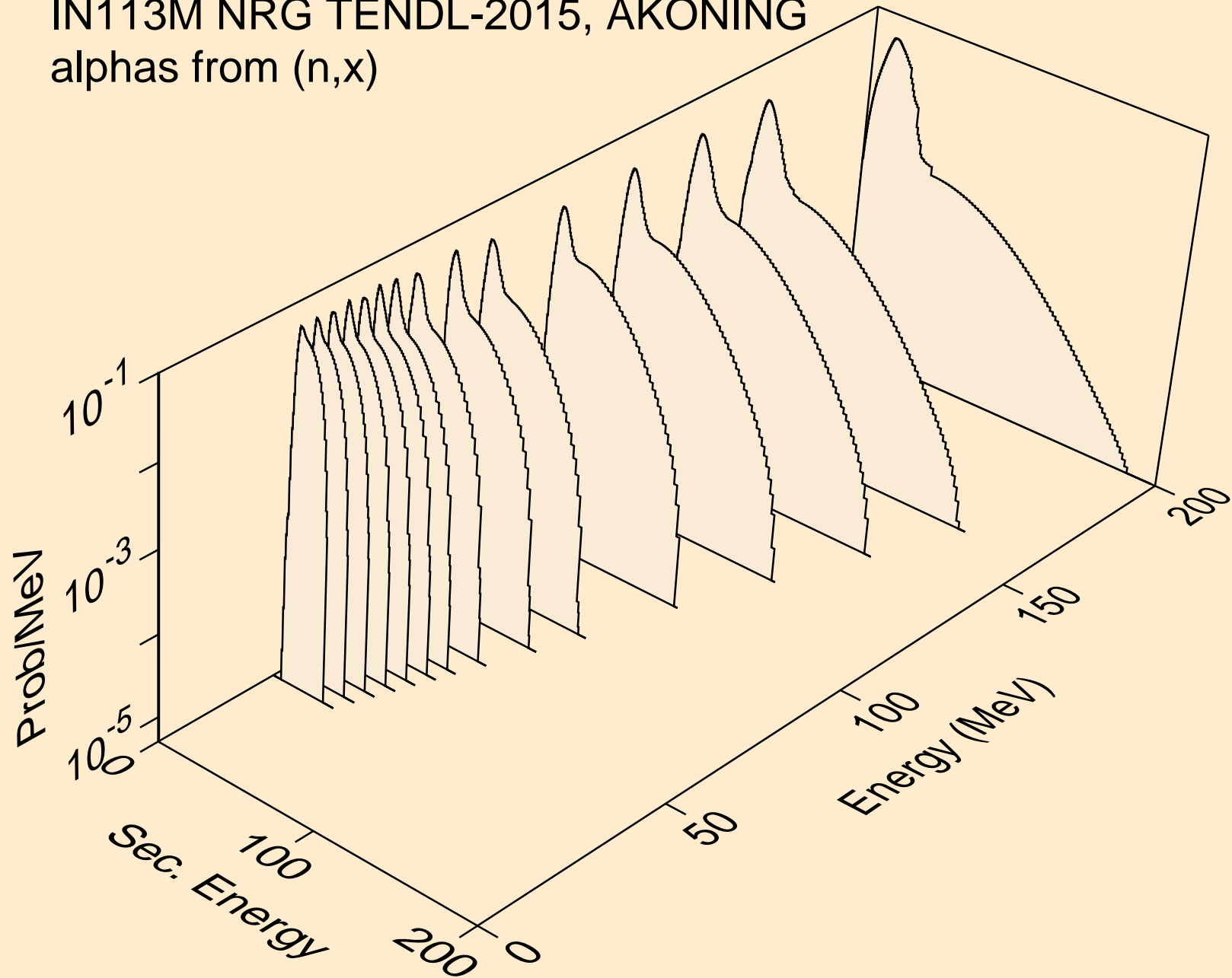




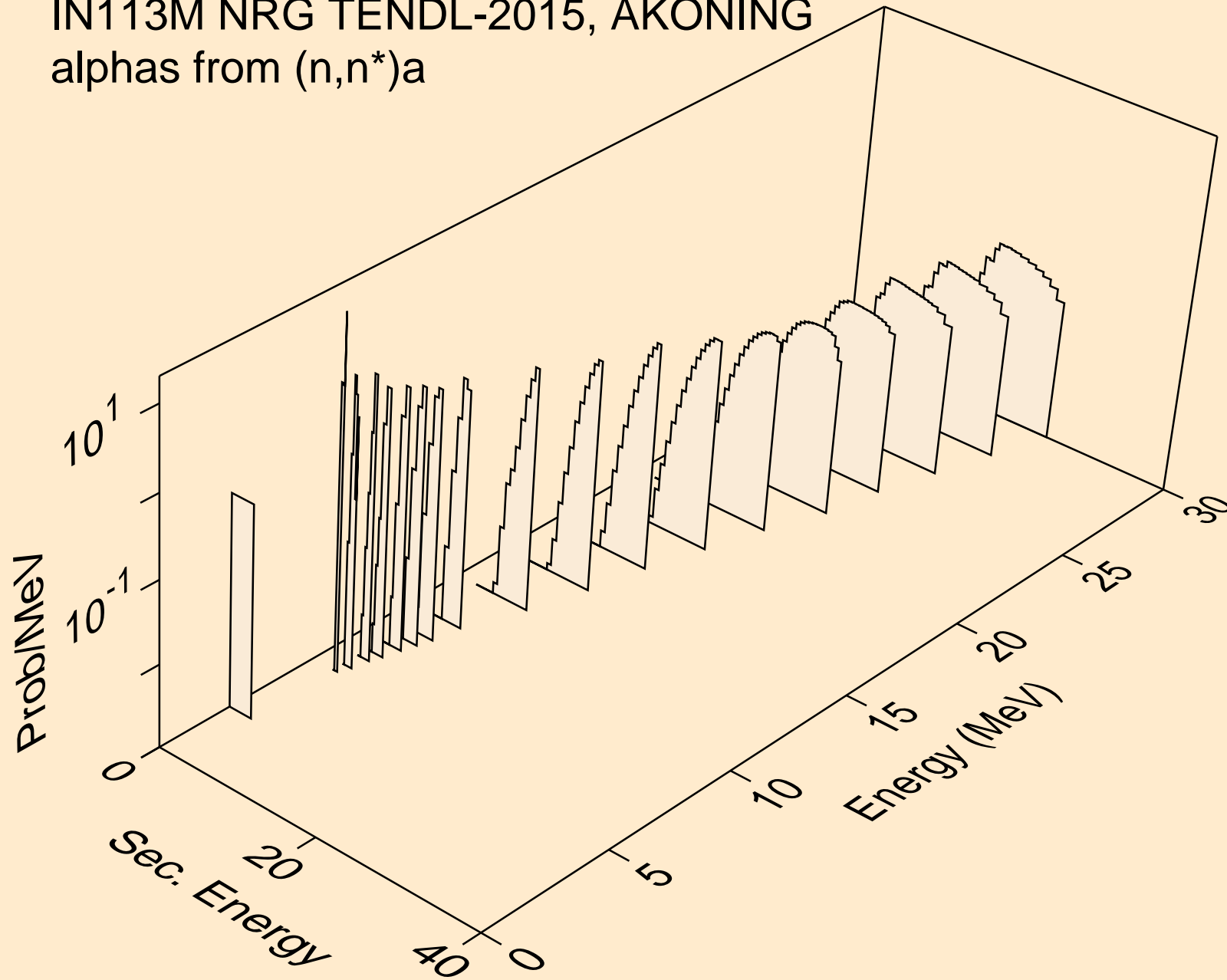
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he3s from (n,he3)



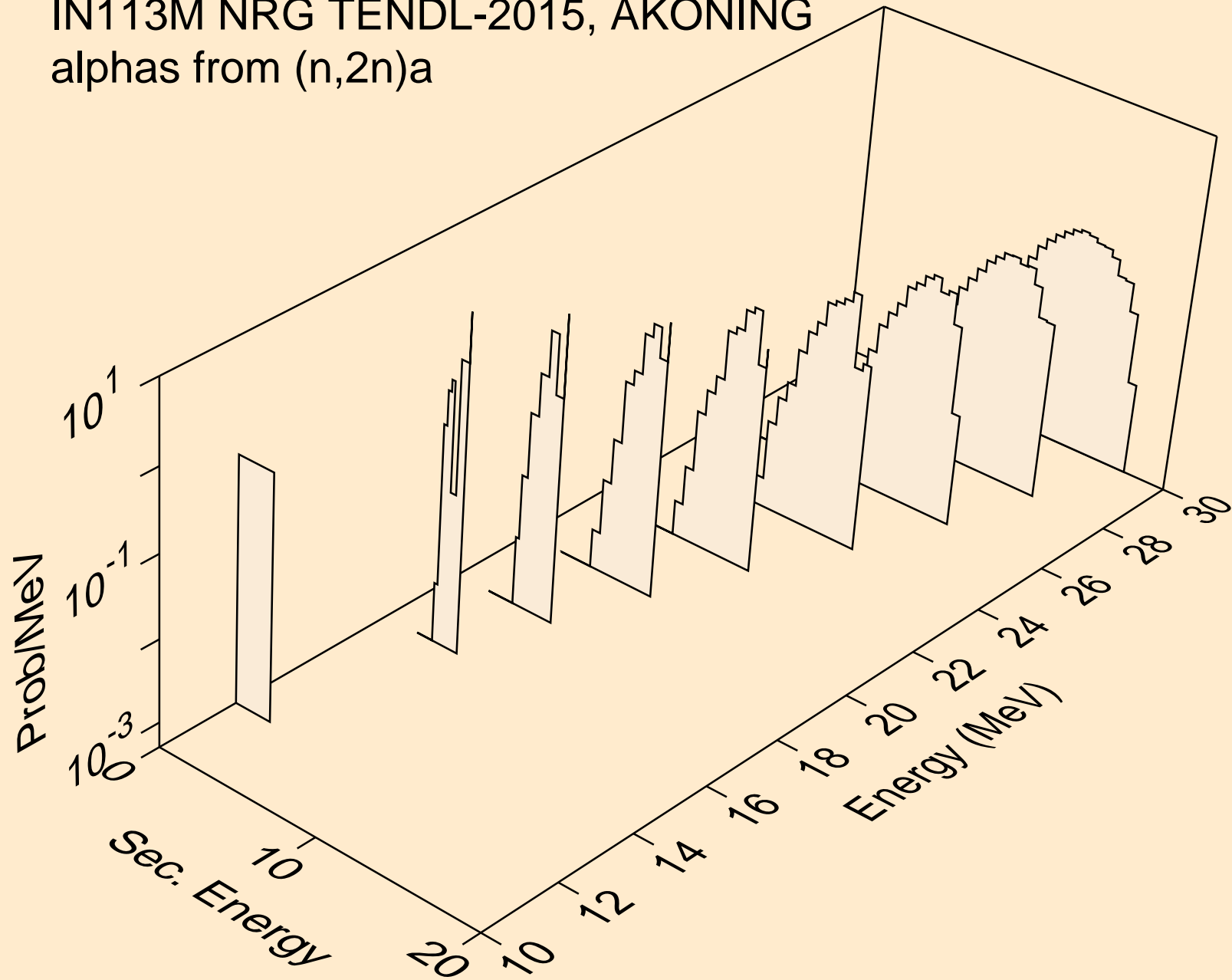
IN113M NRG TENDL-2015, AKONING  
alphas from (n,x)



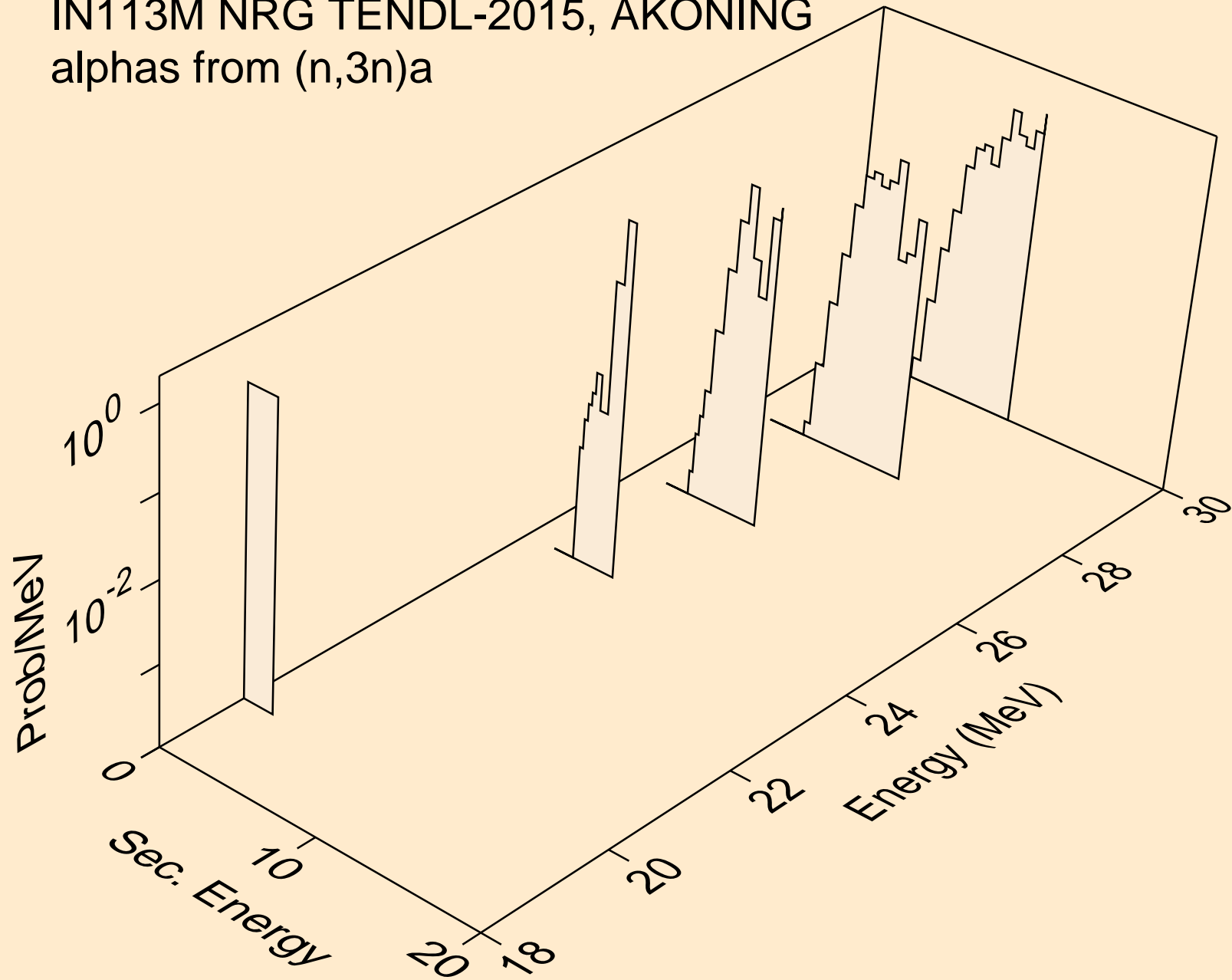
IN113M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



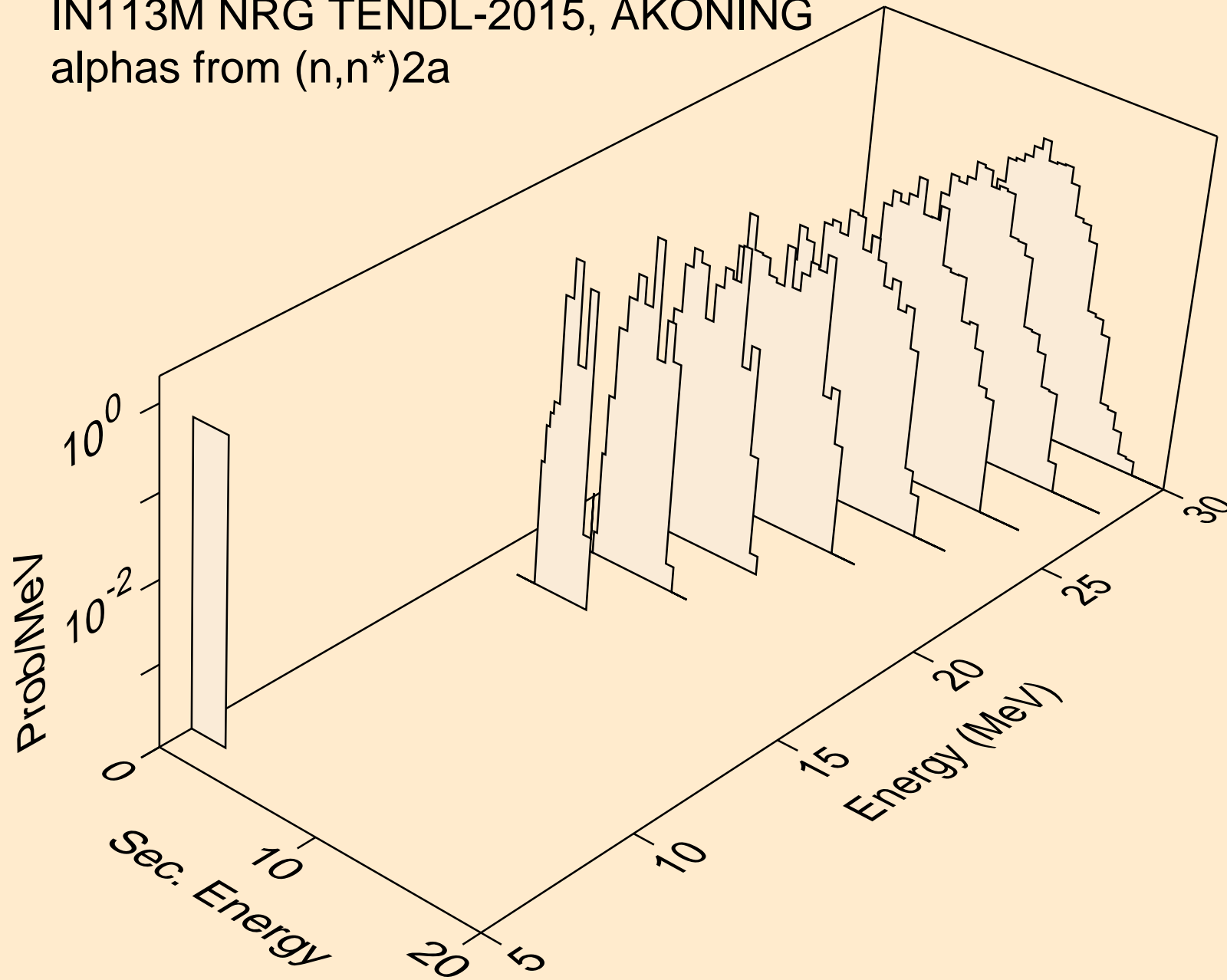
IN113M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



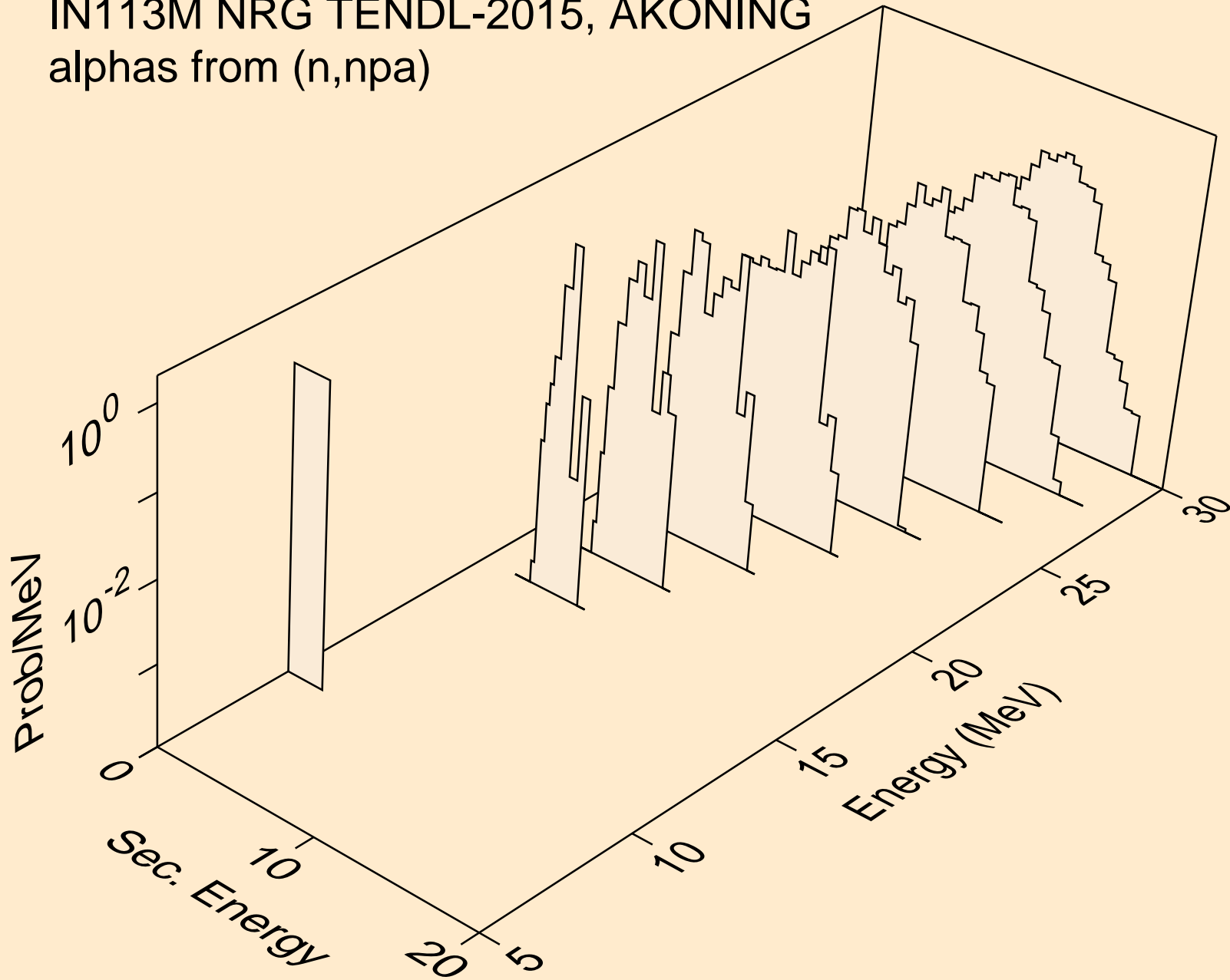
IN113M NRG TENDL-2015, AKONING  
alphas from (n,3n)a



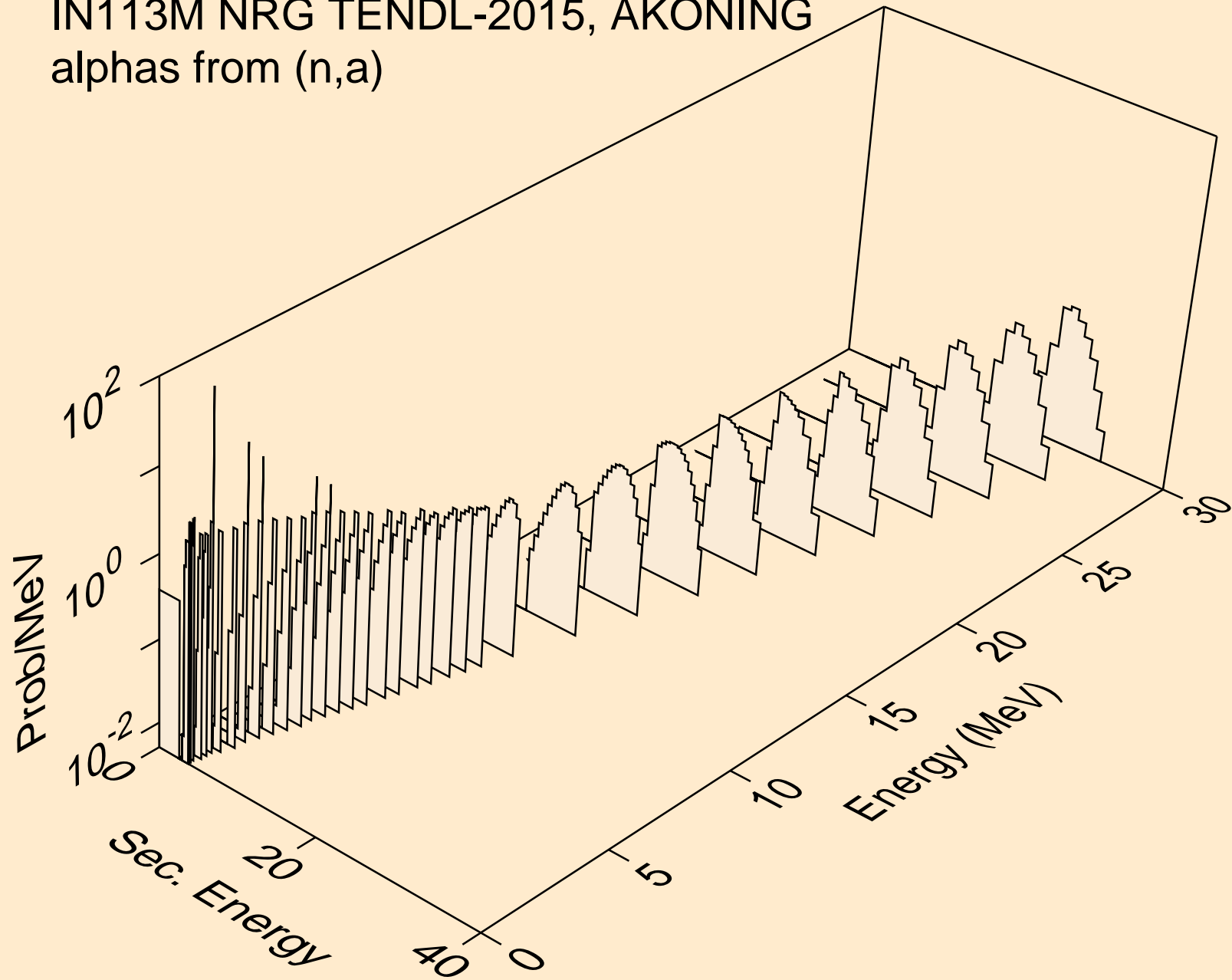
IN113M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



IN113M NRG TENDL-2015, AKONING  
alphas from (n,npa)

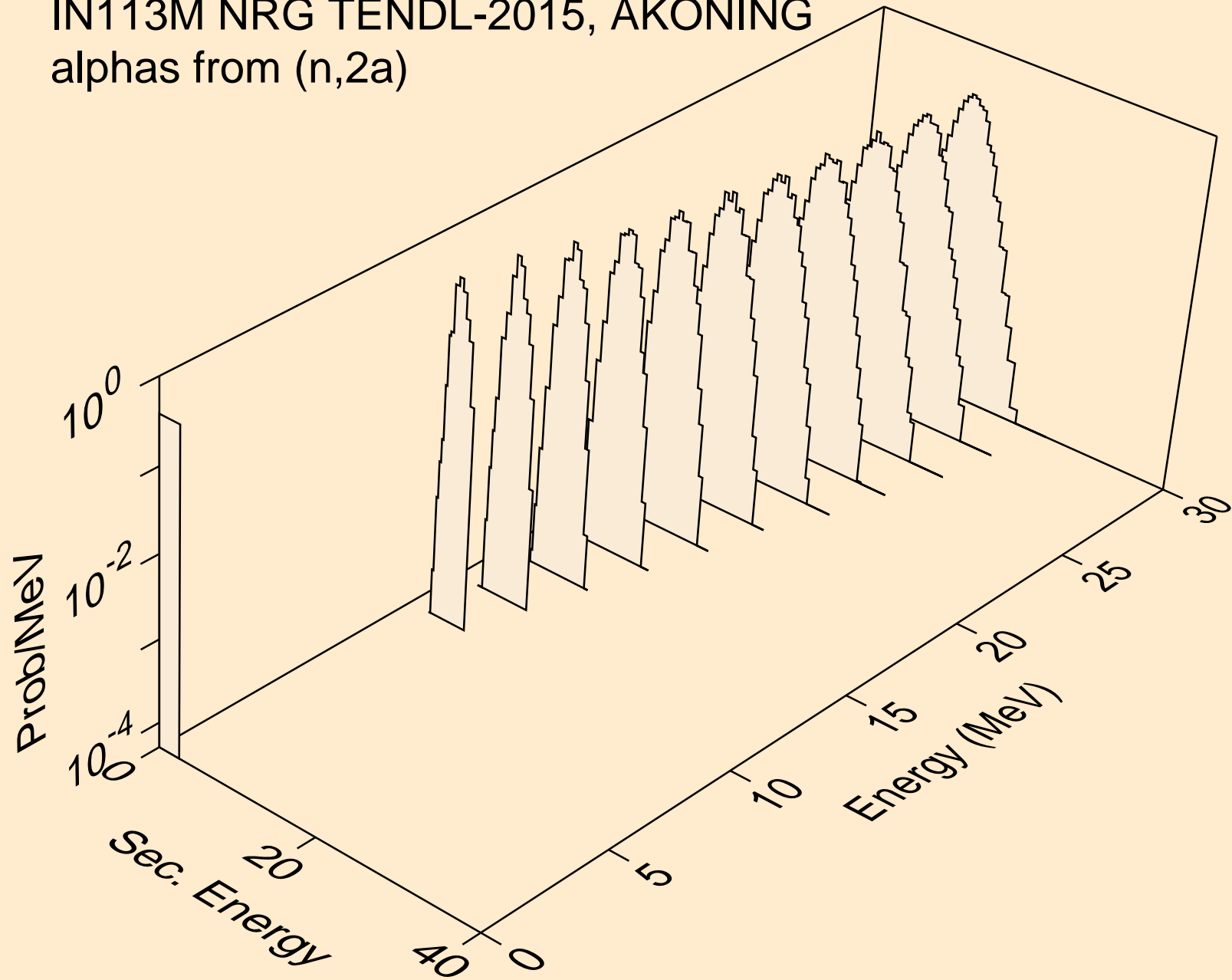


IN113M NRG TENDL-2015, AKONING  
alphas from (n,a)

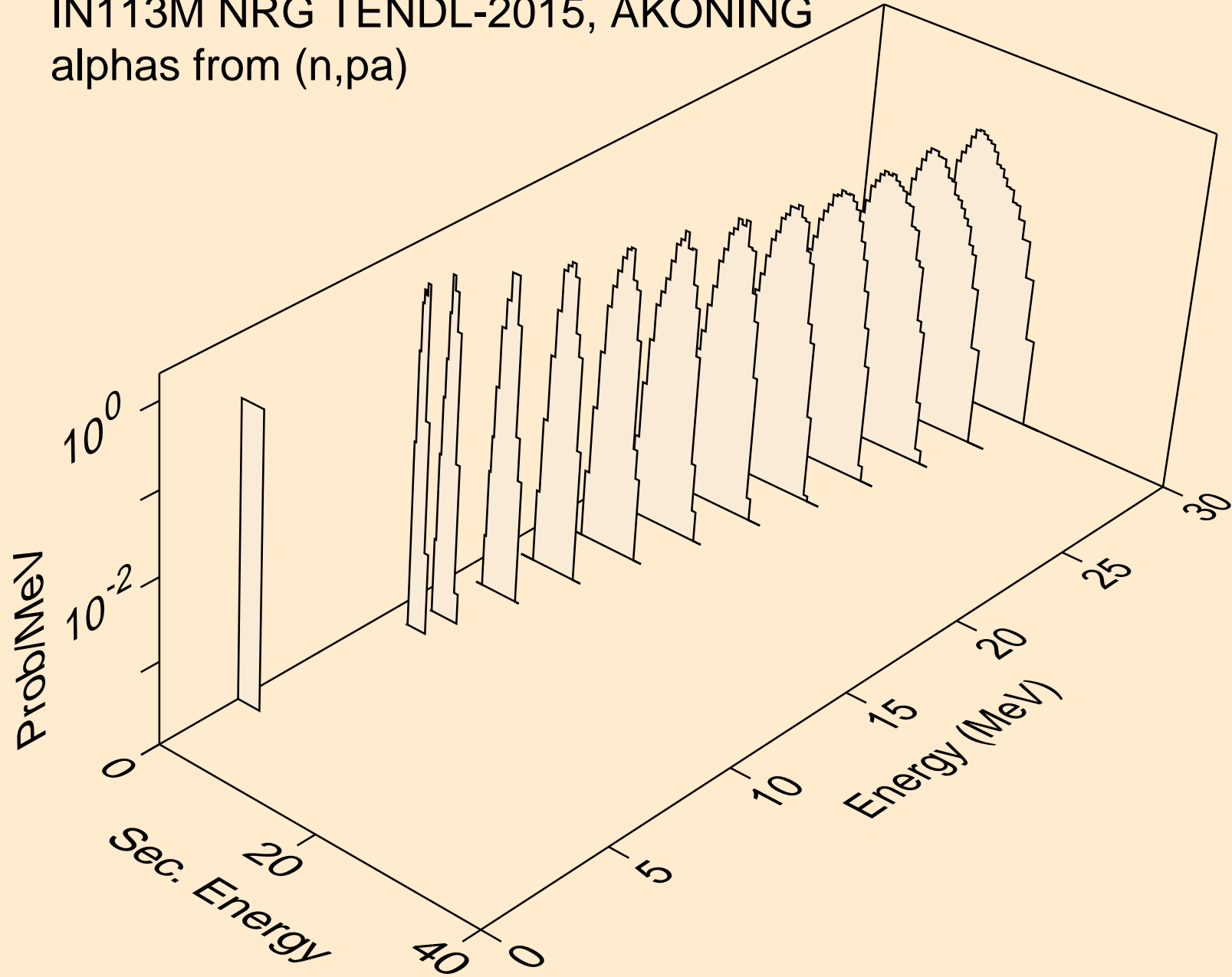




IN113M NRG TENDL-2015, AKONING  
alphas from (n,2a)



IN113M NRG TENDL-2015, AKONING  
alphas from (n,pa)



IN113M NRG TENDL-2015, AKONING  
alphas from (n,da)

