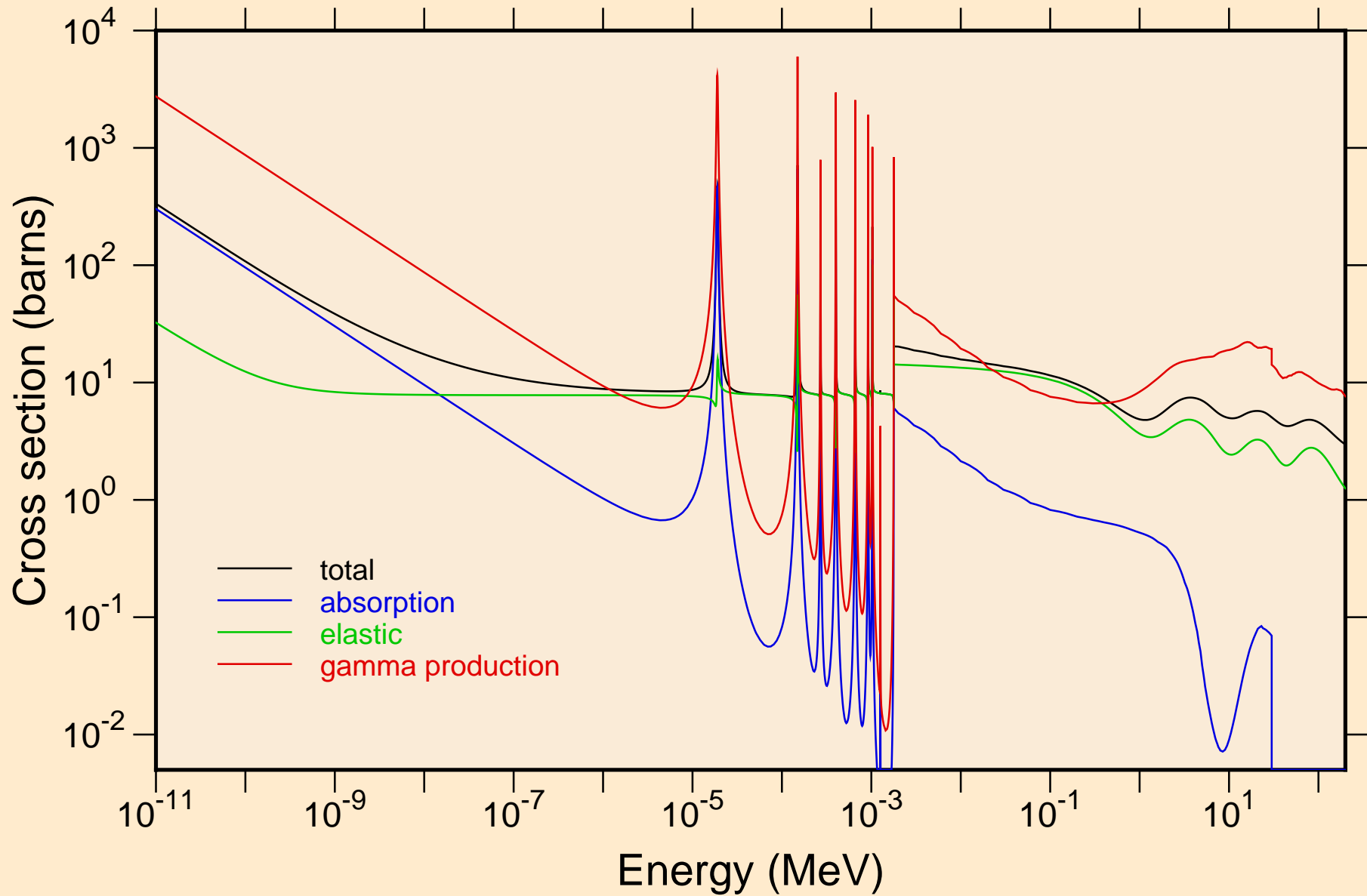


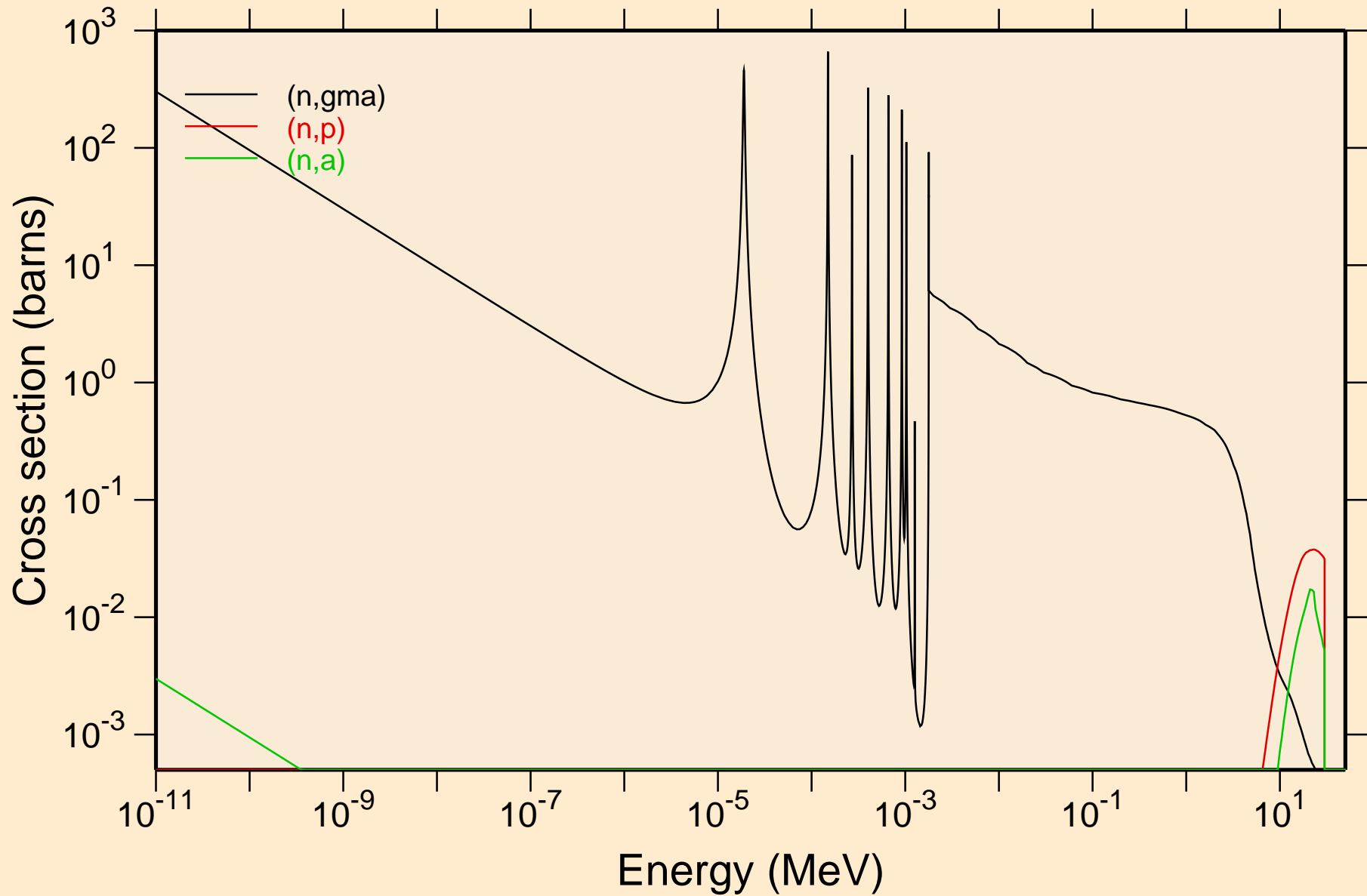
# PB203M NRG TENDL-2015, AKONING

## Principal cross sections



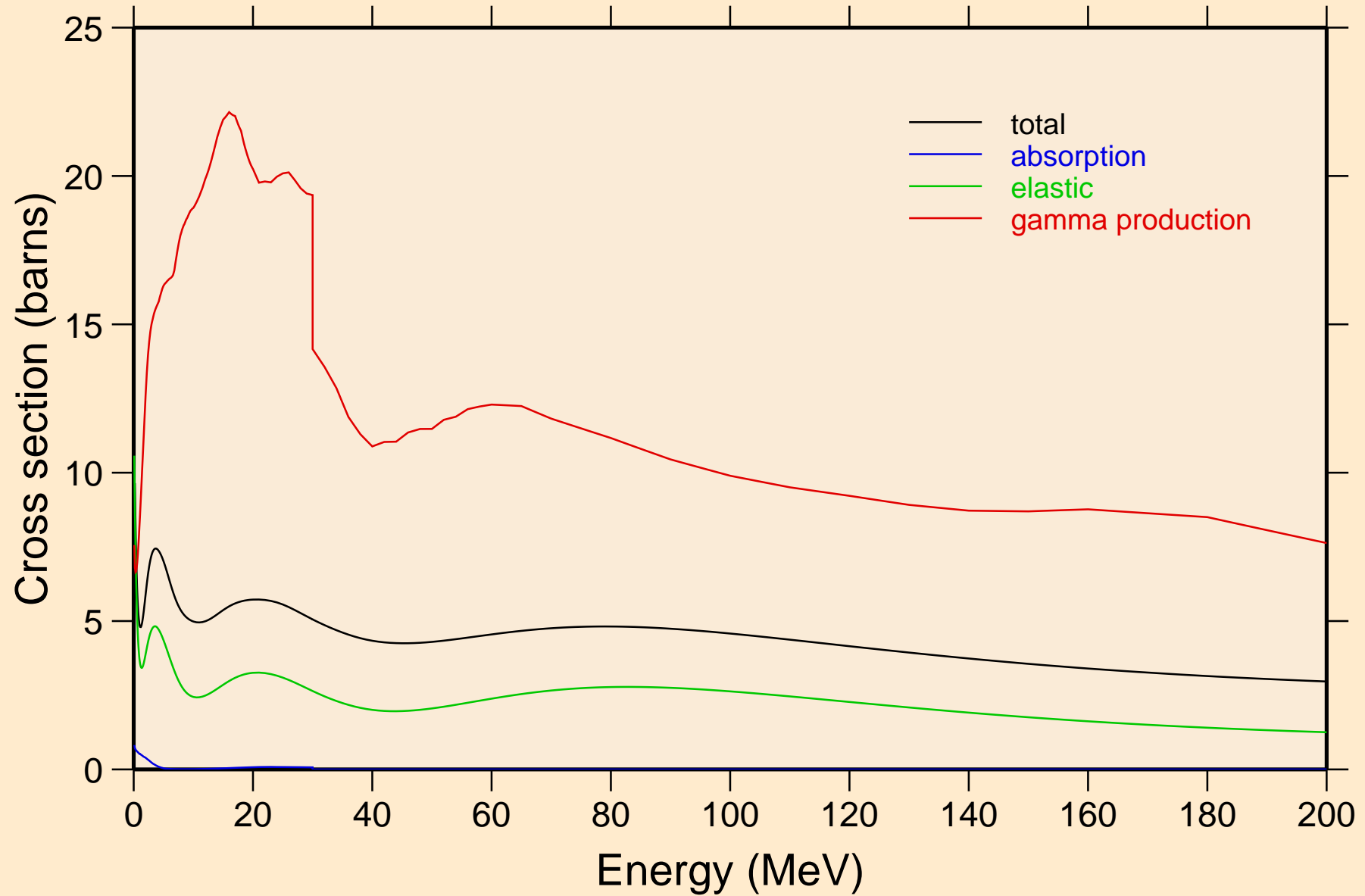
# PB203M NRG TENDL-2015, AKONING

## Non-threshold reactions

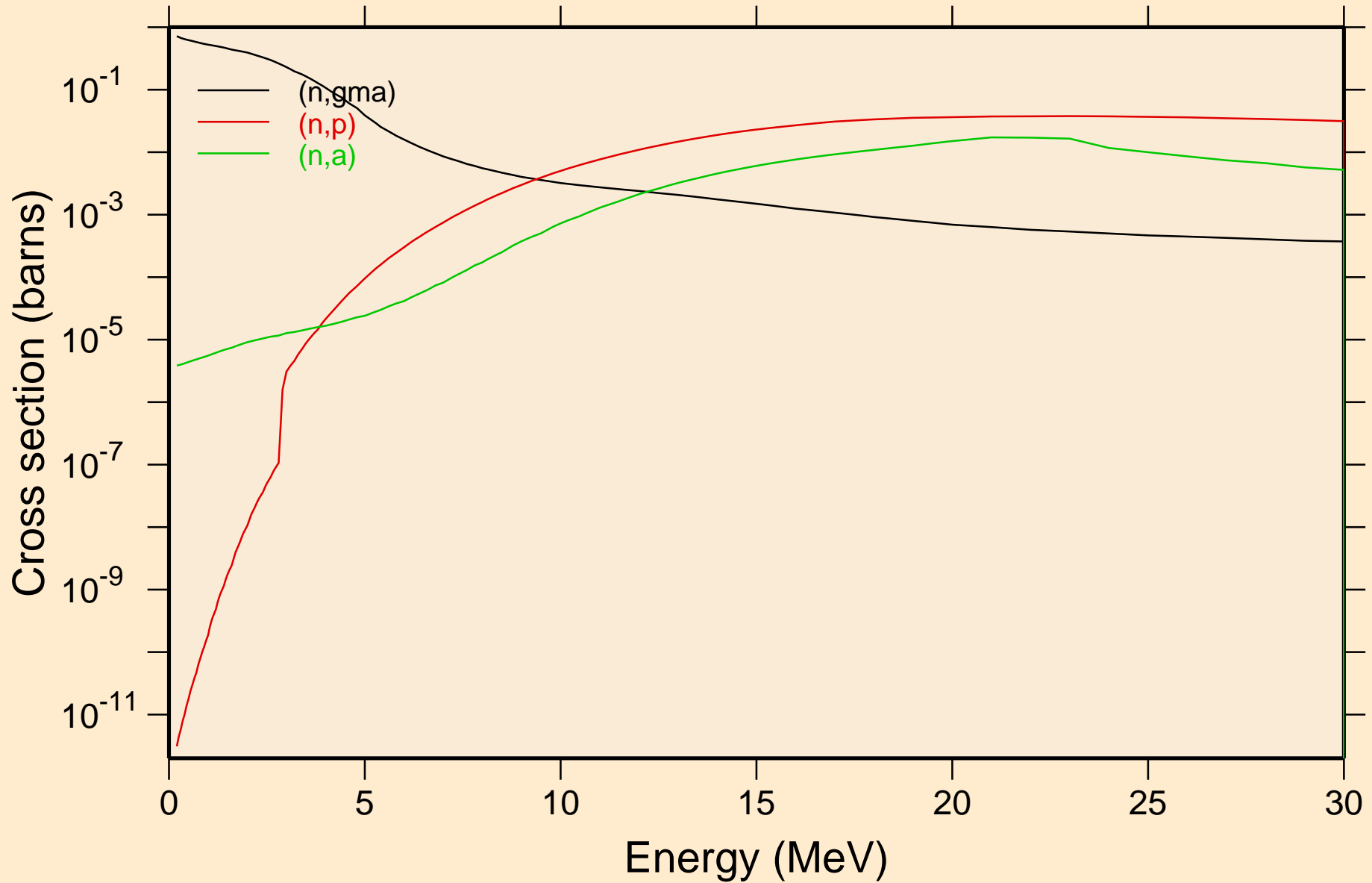


# PB203M NRG TENDL-2015, AKONING

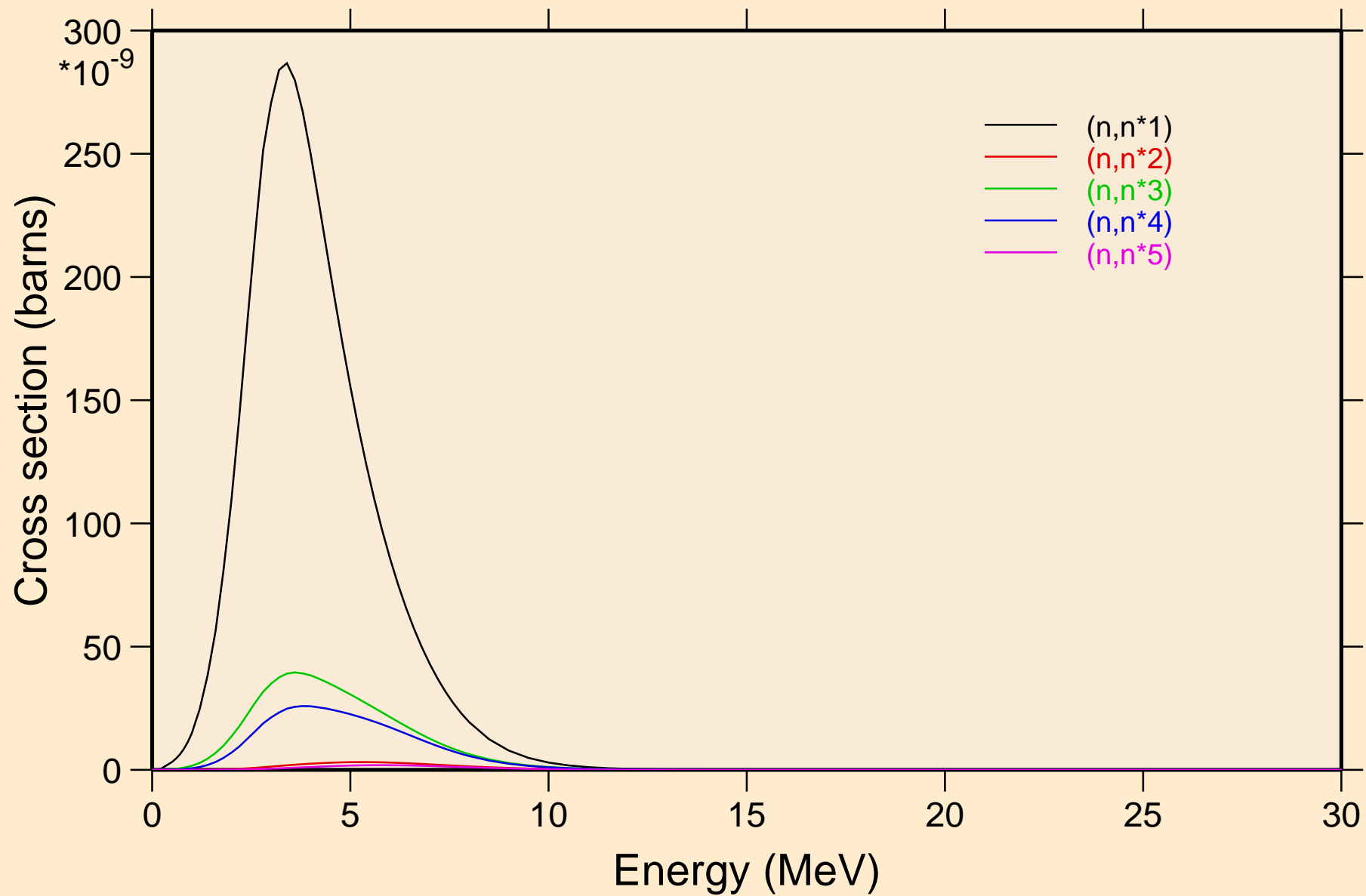
## Principal cross sections



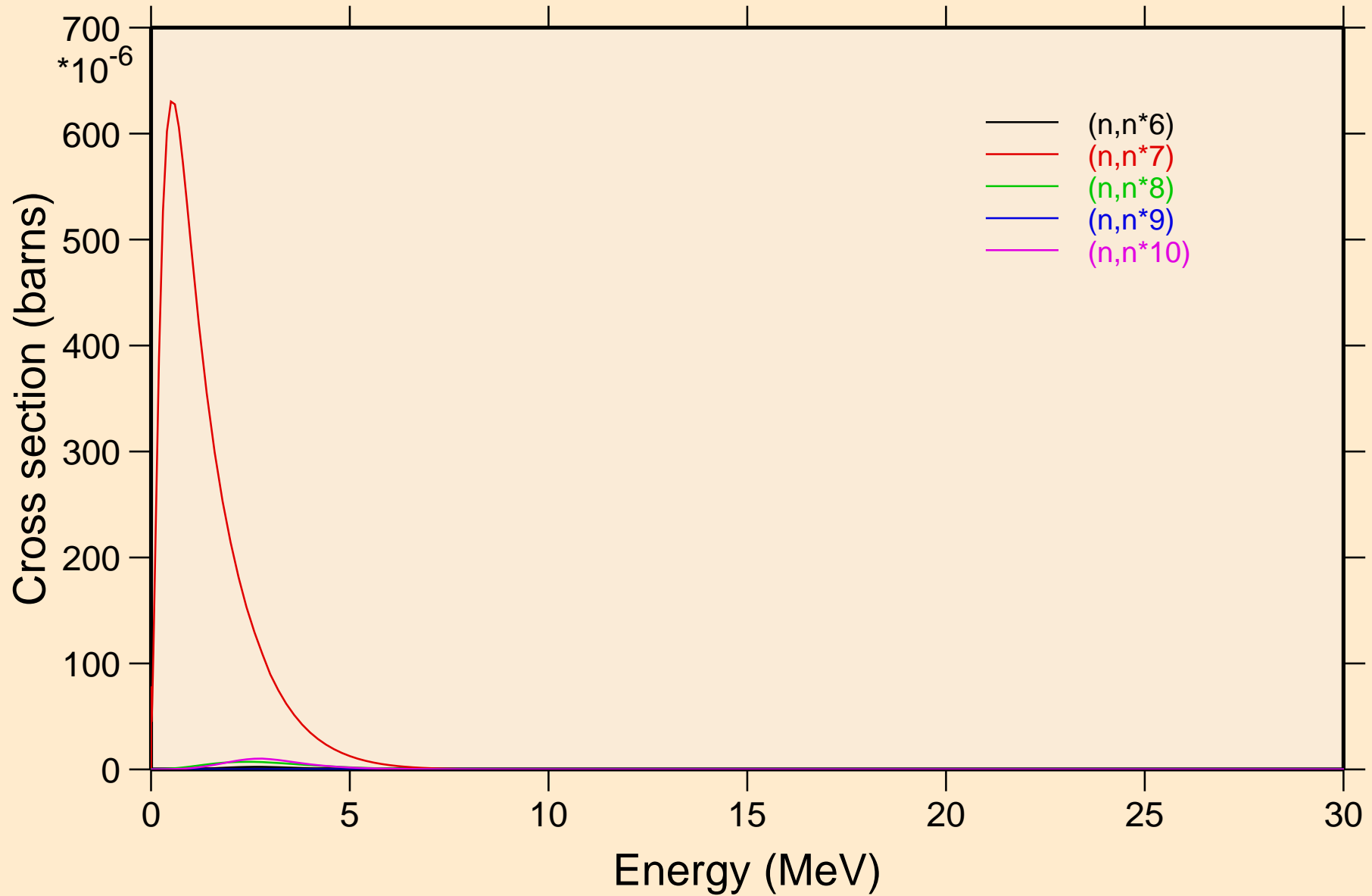
PB203M NRG TENDL-2015, AKONING  
Non-threshold reactions



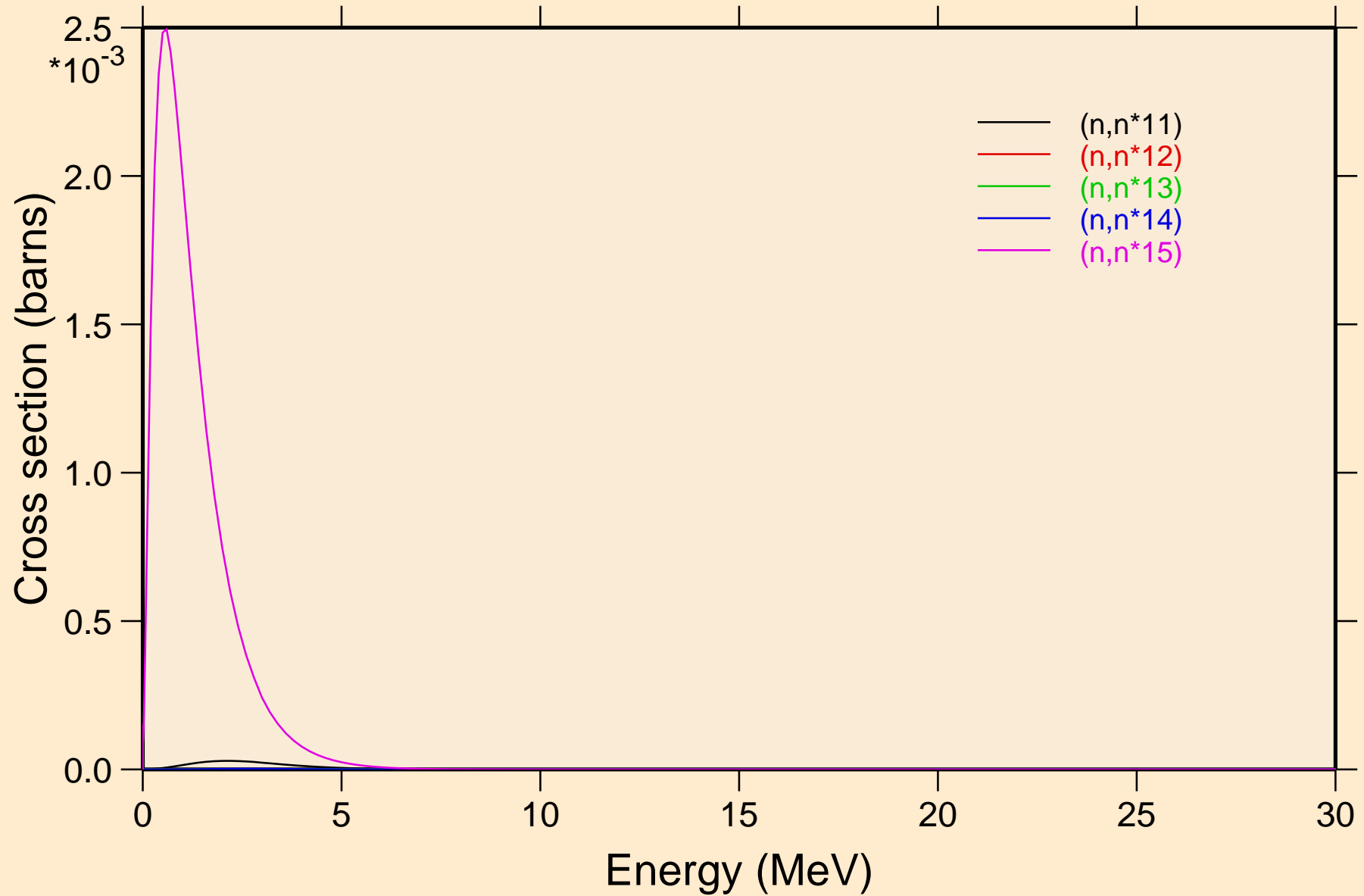
PB203M NRG TENDL-2015, AKONING  
Inelastic levels



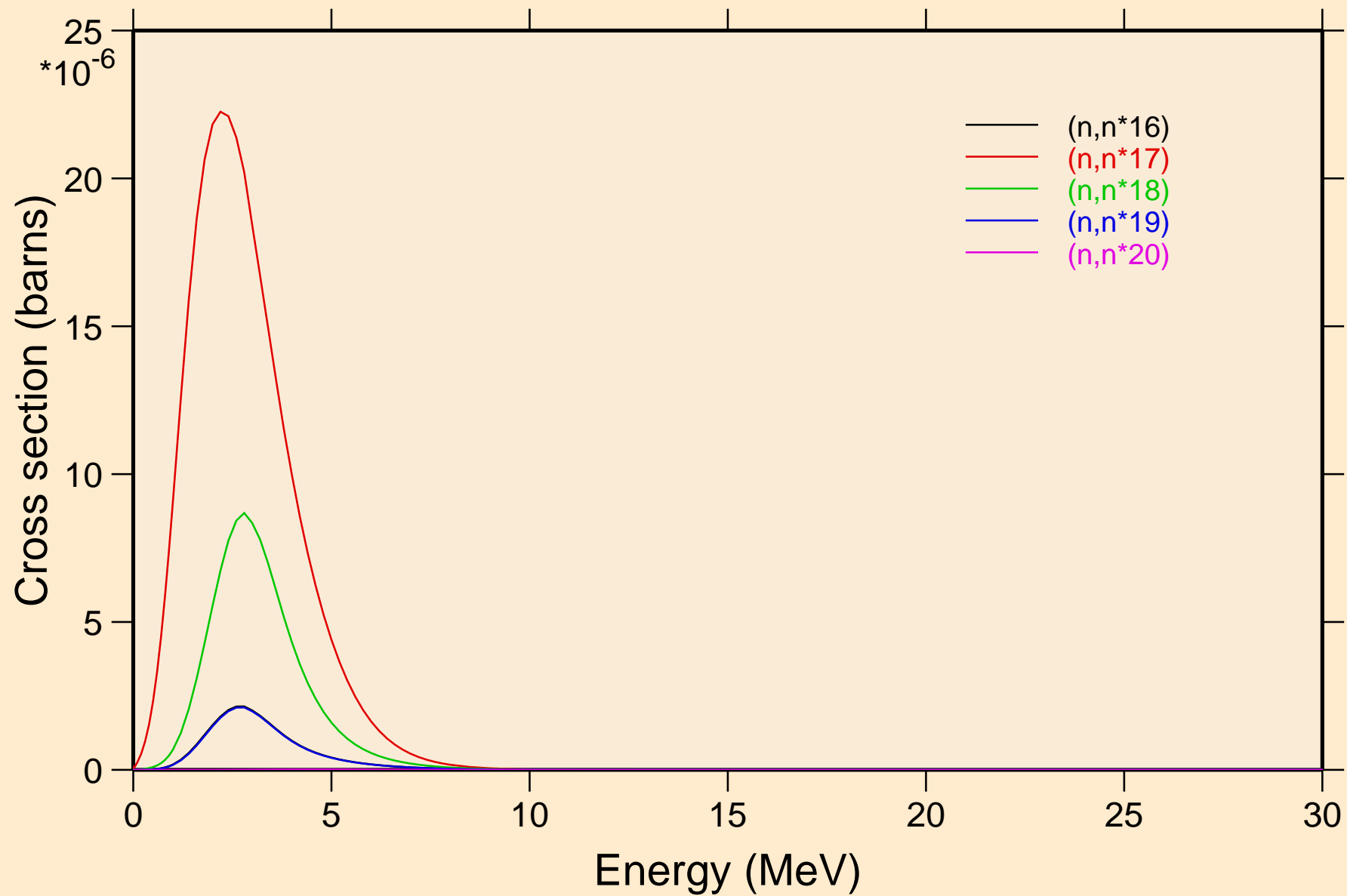
PB203M NRG TENDL-2015, AKONING  
Inelastic levels



PB203M NRG TENDL-2015, AKONING  
Inelastic levels



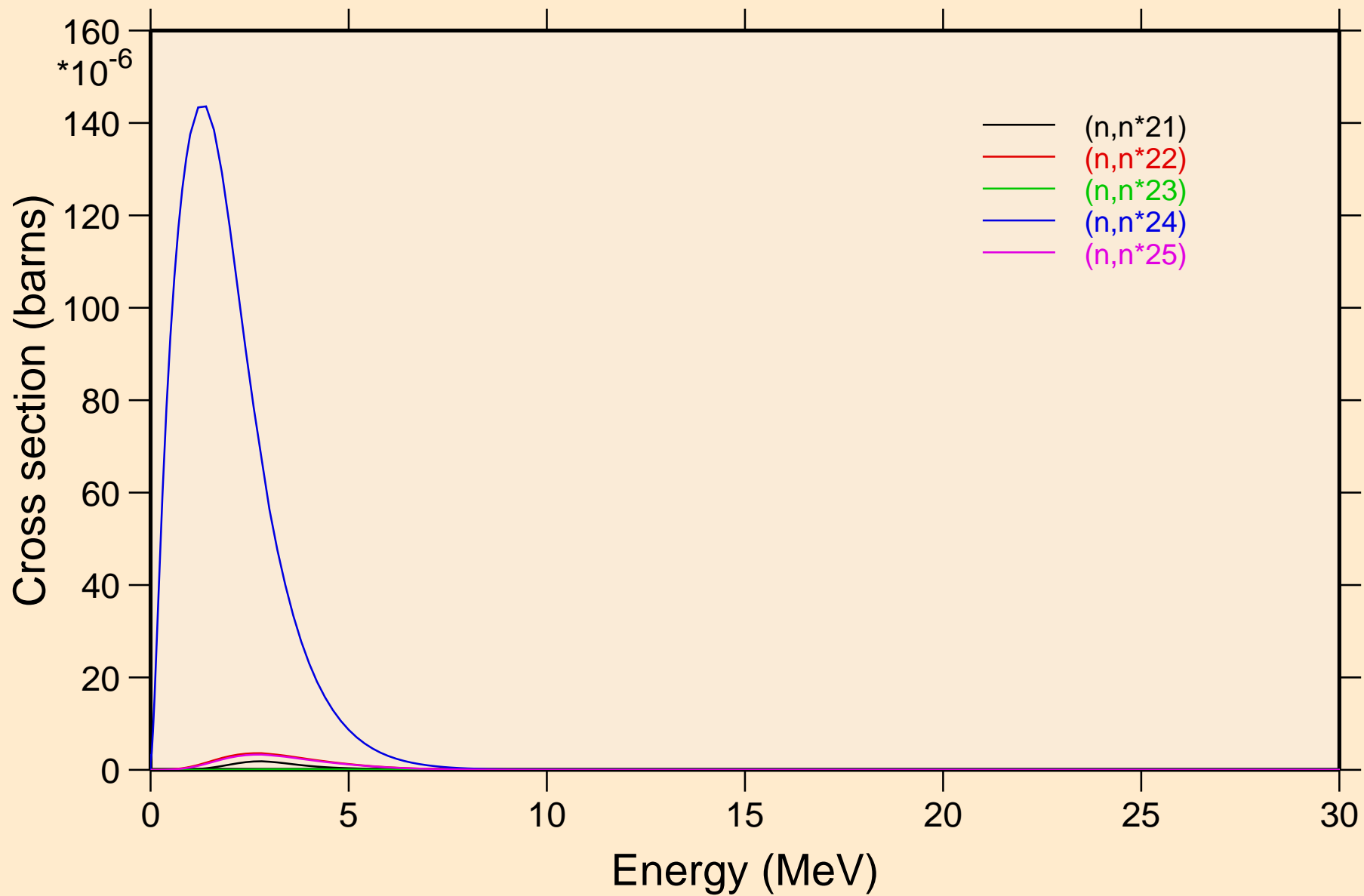
PB203M NRG TENDL-2015, AKONING  
Inelastic levels



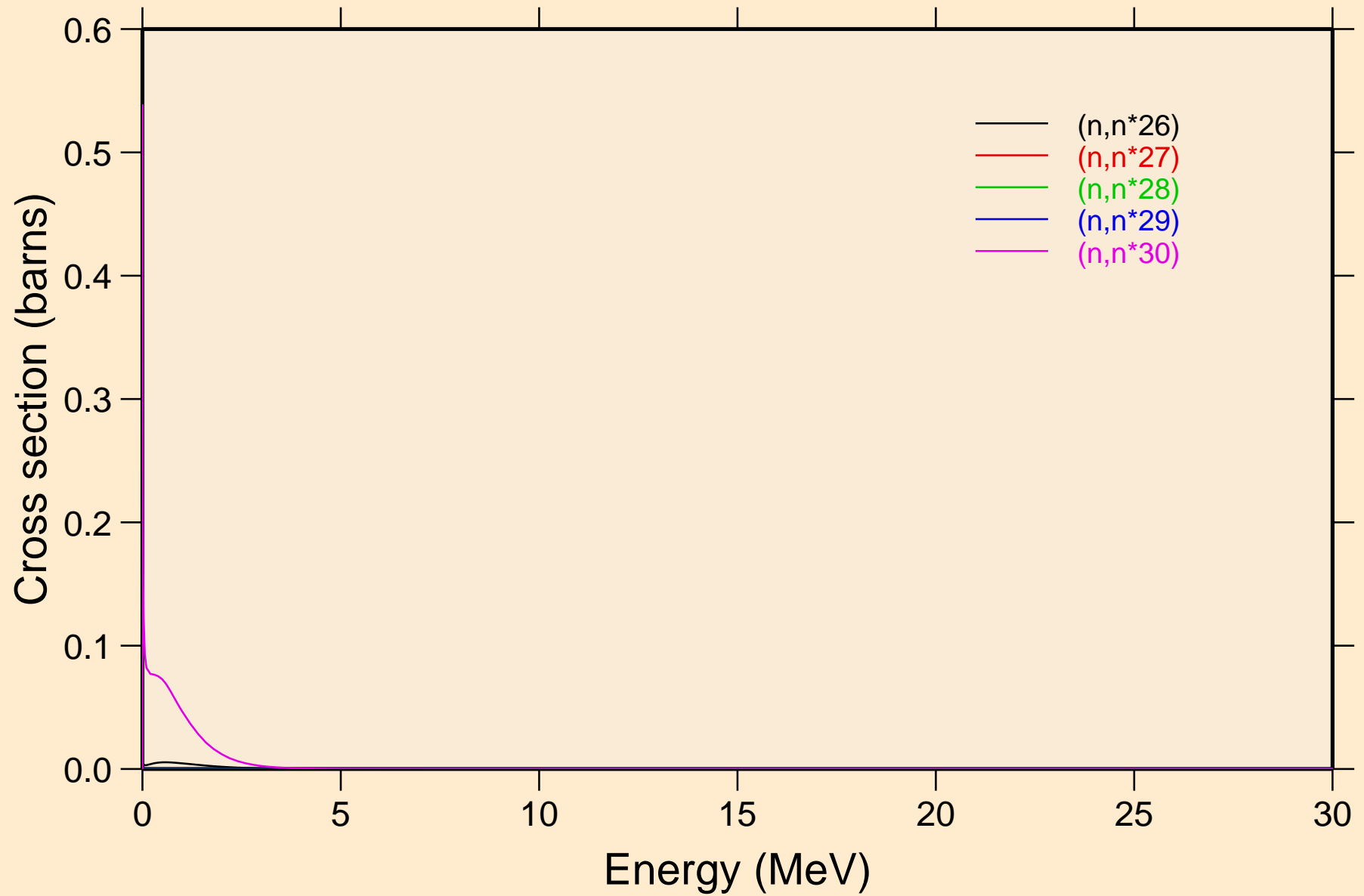


# PB203M NRG TENDL-2015, AKONING

## Inelastic levels

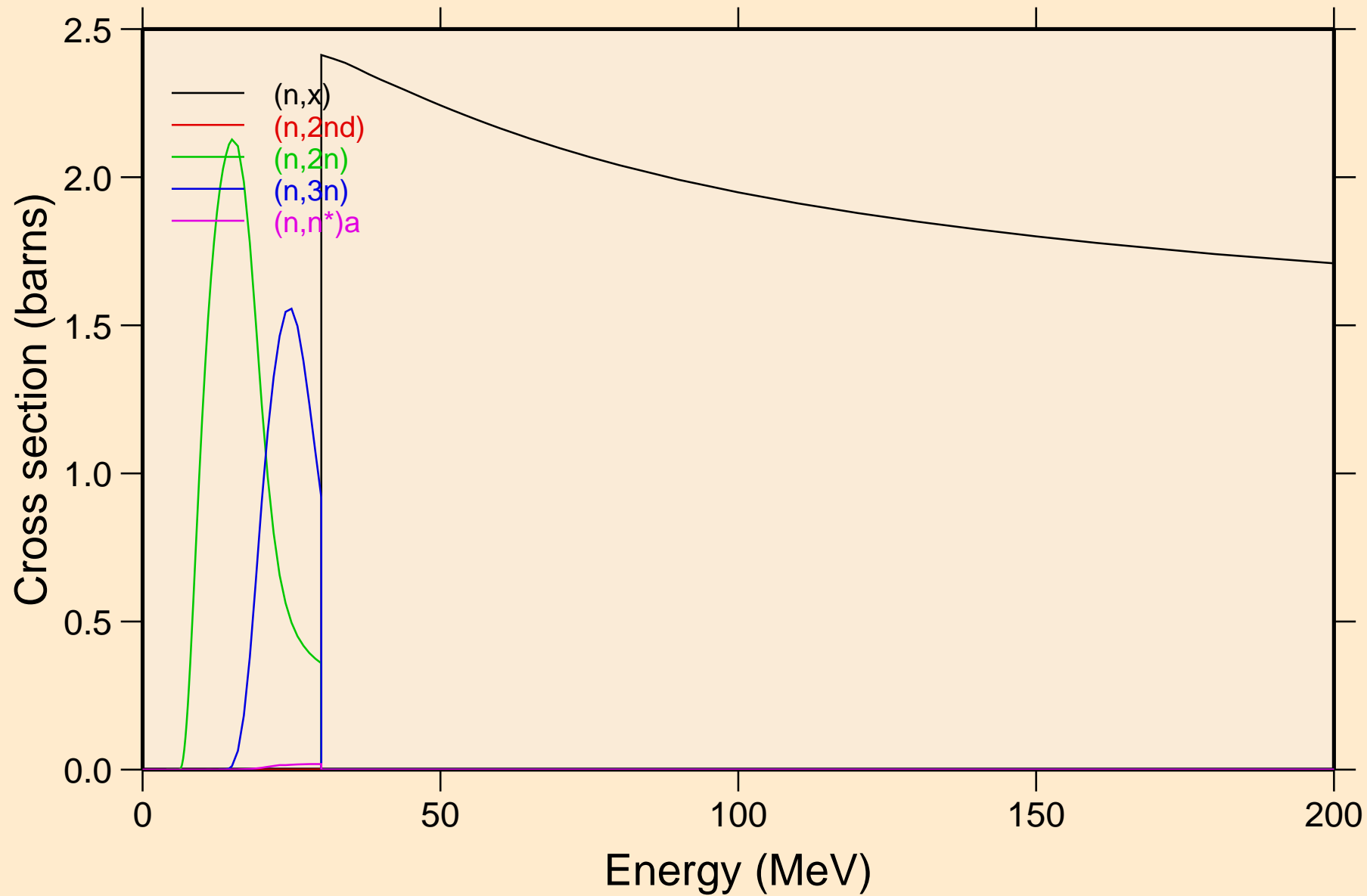


PB203M NRG TENDL-2015, AKONING  
Inelastic levels



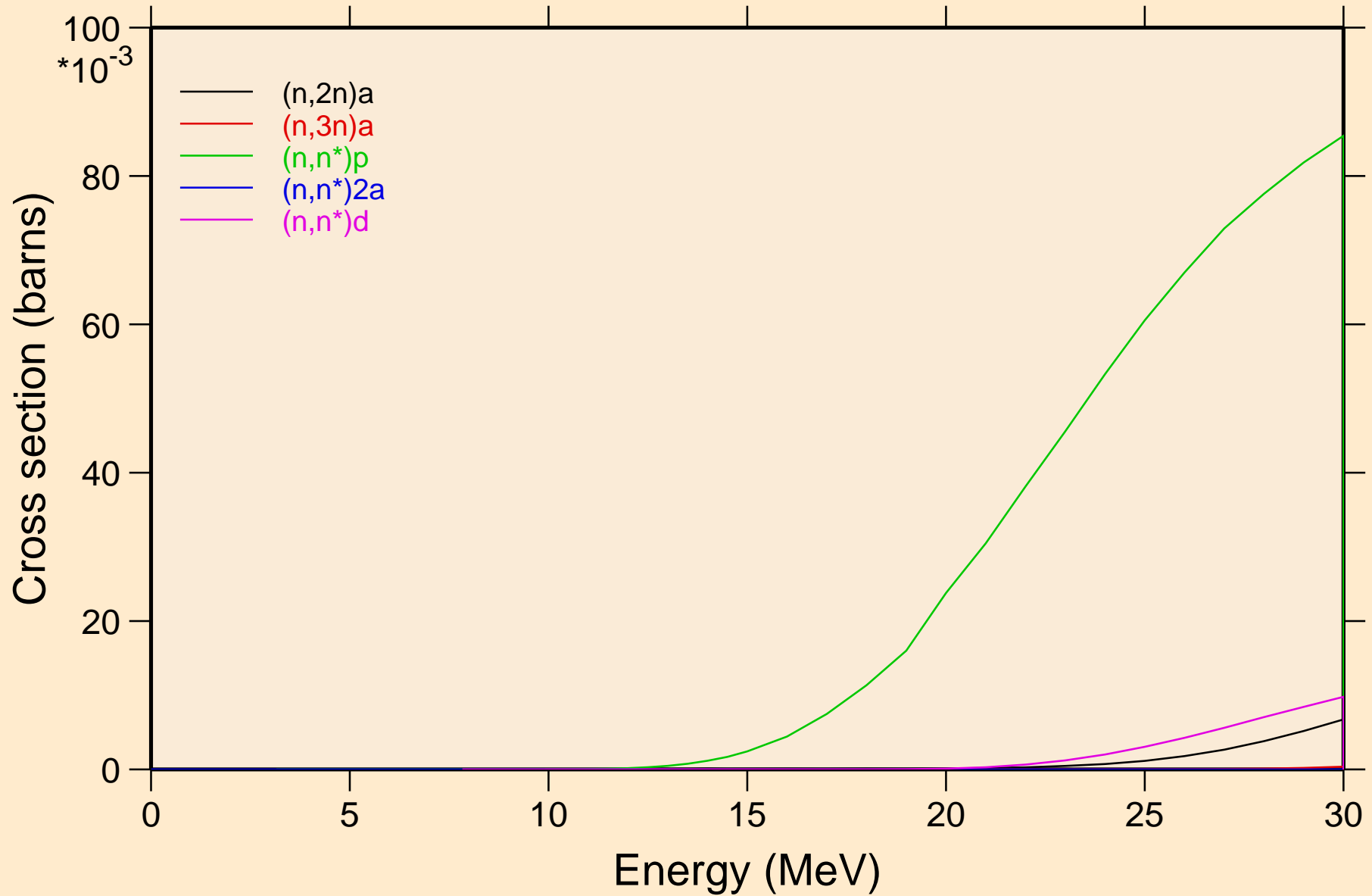
# PB203M NRG TENDL-2015, AKONING

## Threshold reactions



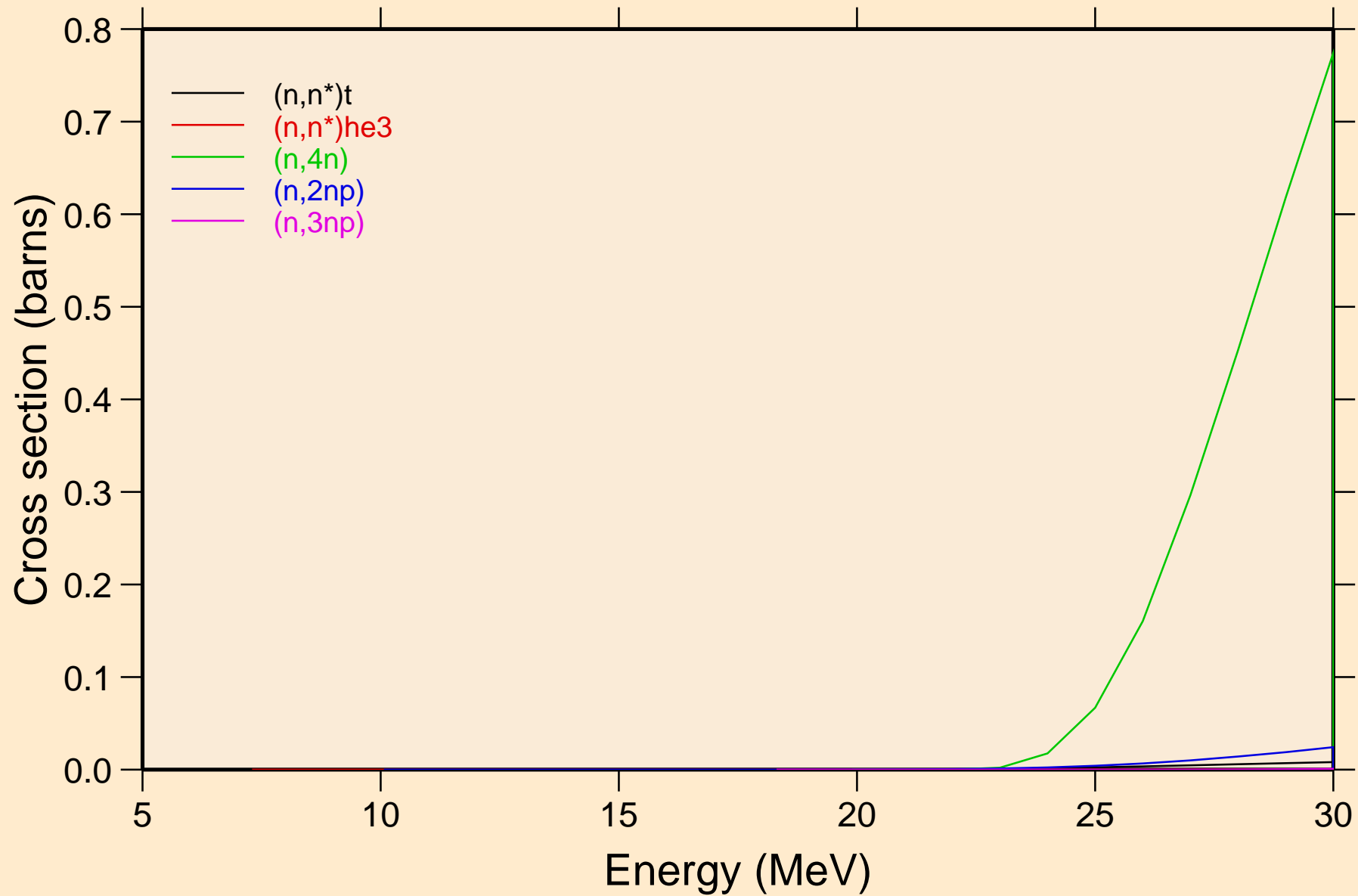
# PB203M NRG TENDL-2015, AKONING

## Threshold reactions



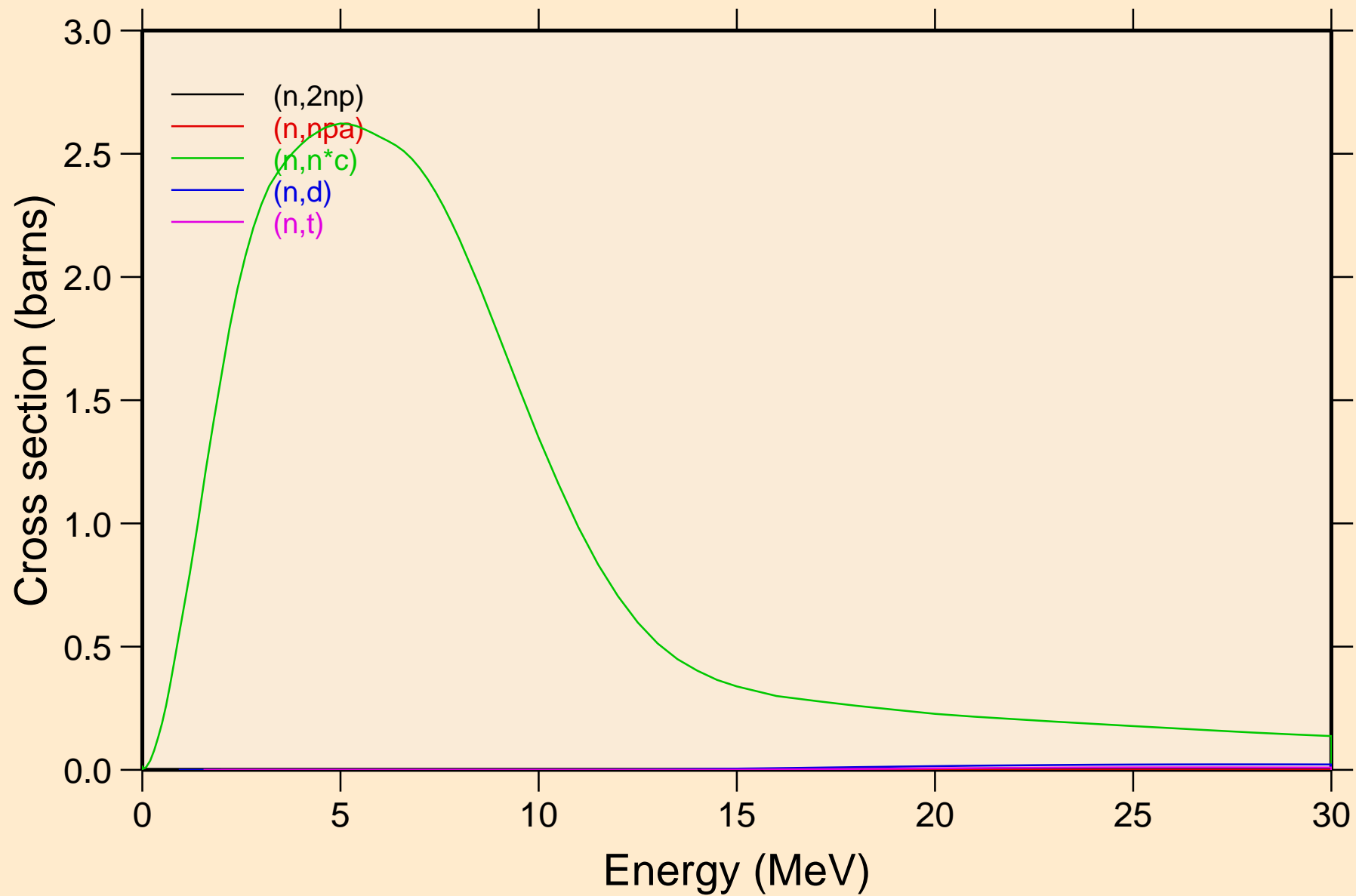
# PB203M NRG TENDL-2015, AKONING

## Threshold reactions



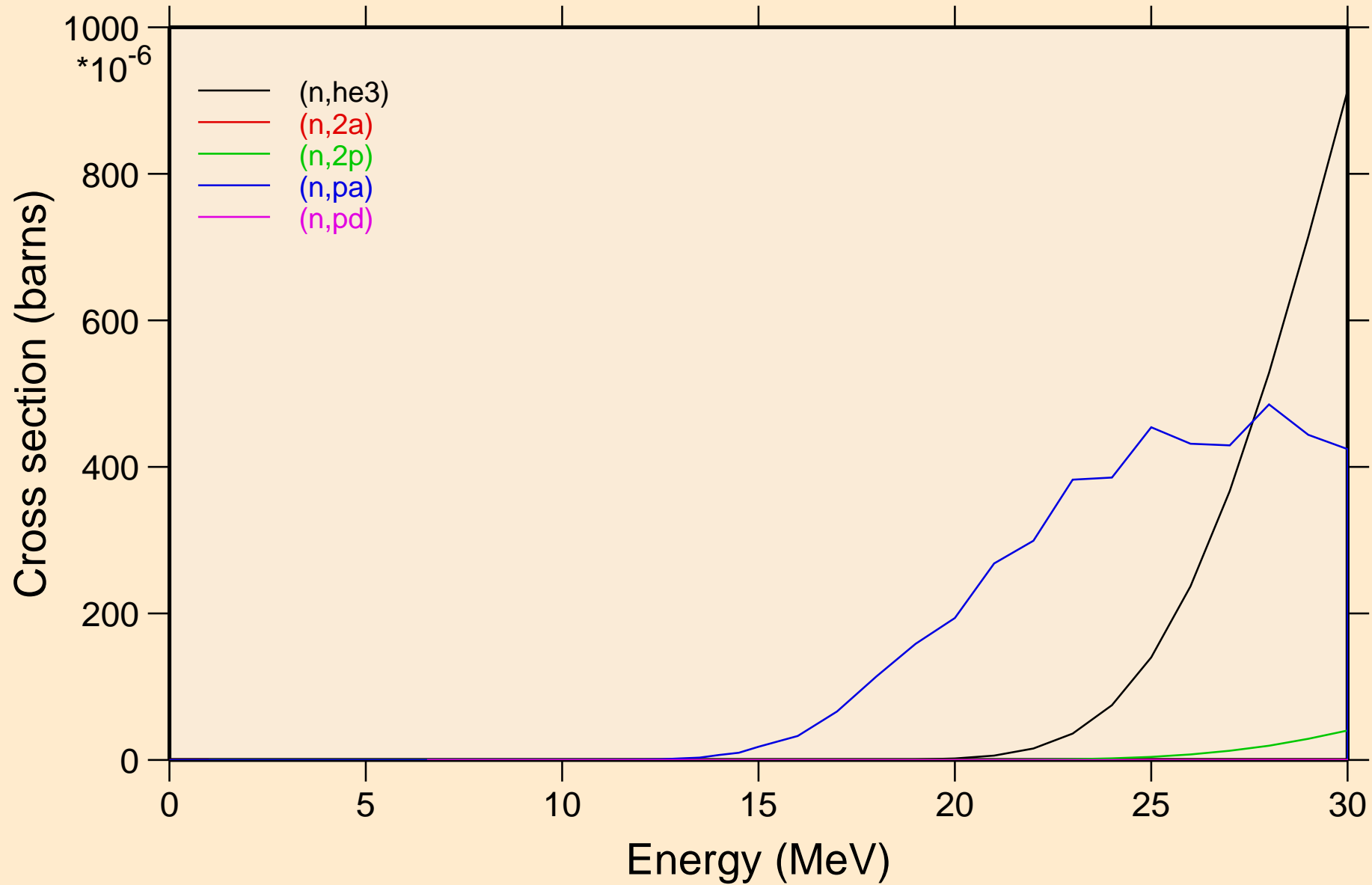
# PB203M NRG TENDL-2015, AKONING

## Threshold reactions



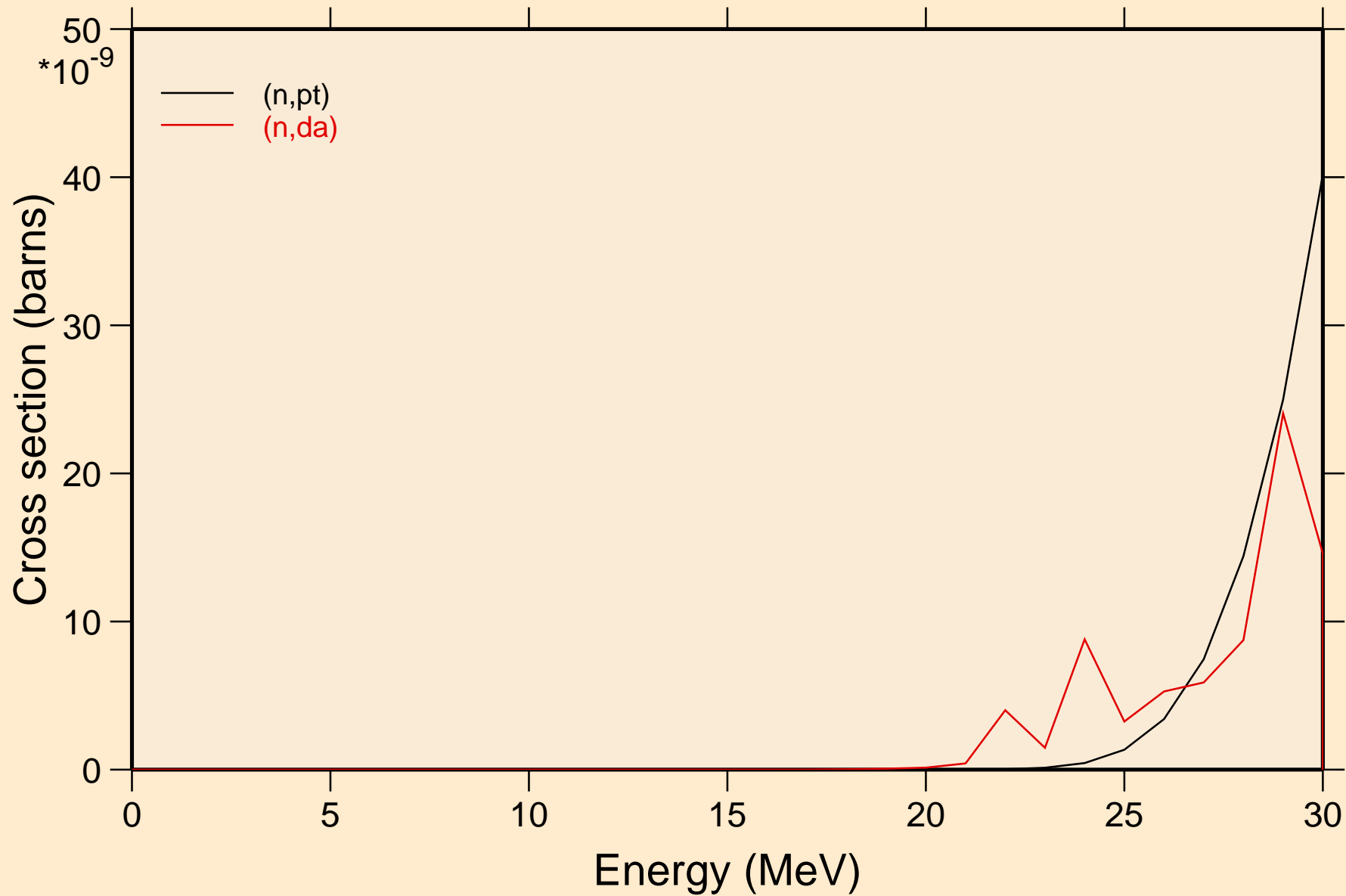
# PB203M NRG TENDL-2015, AKONING

## Threshold reactions



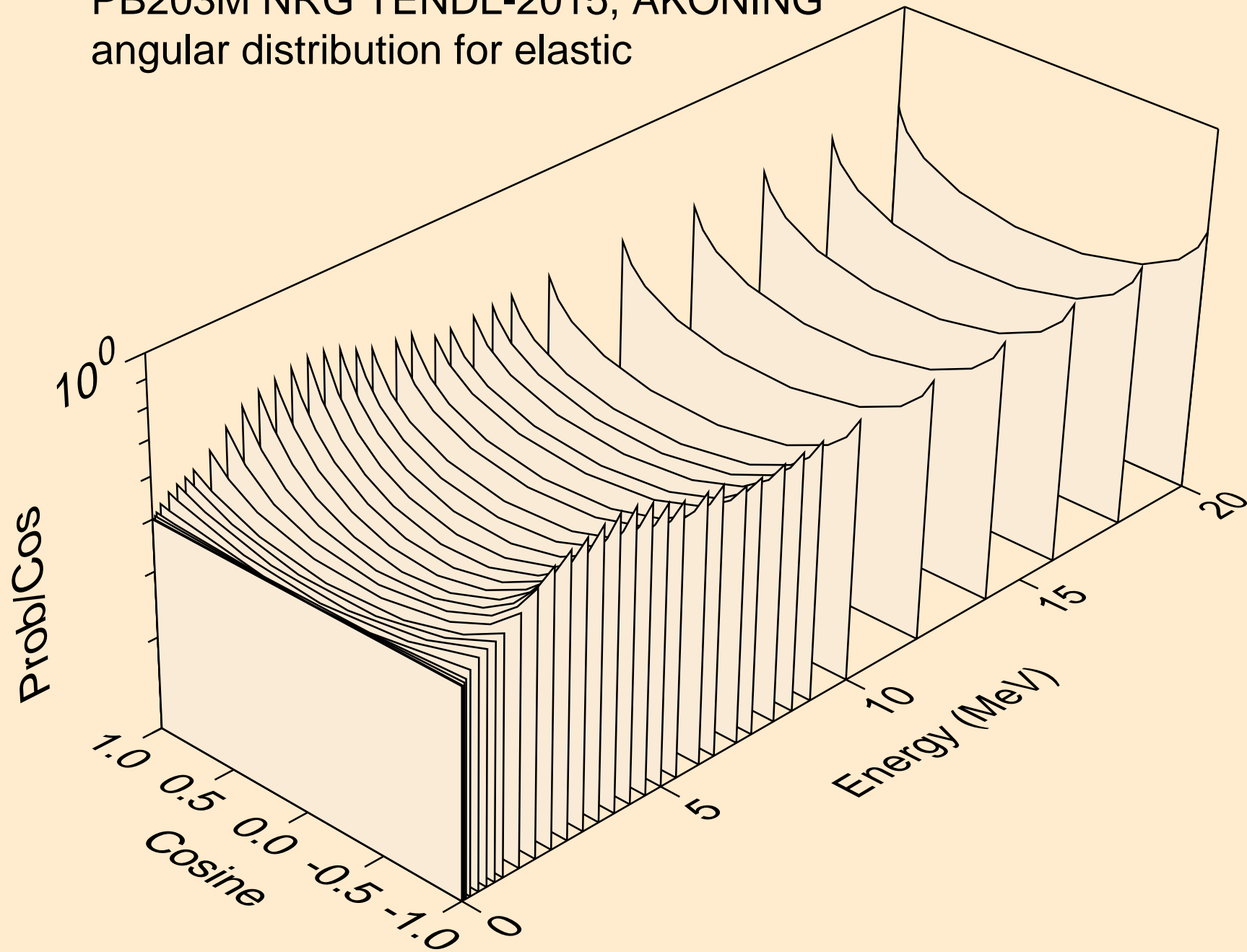
# PB203M NRG TENDL-2015, AKONING

## Threshold reactions

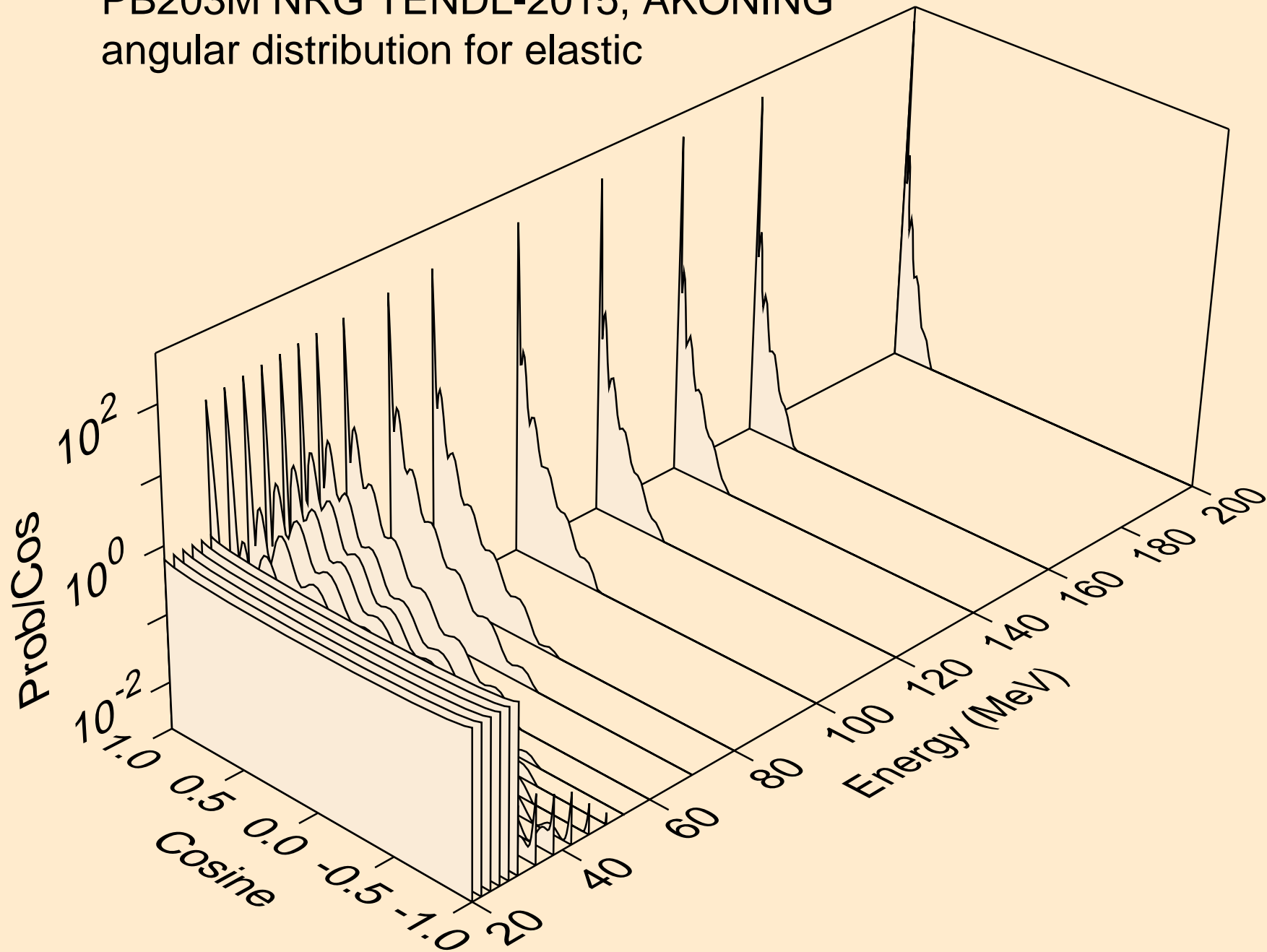




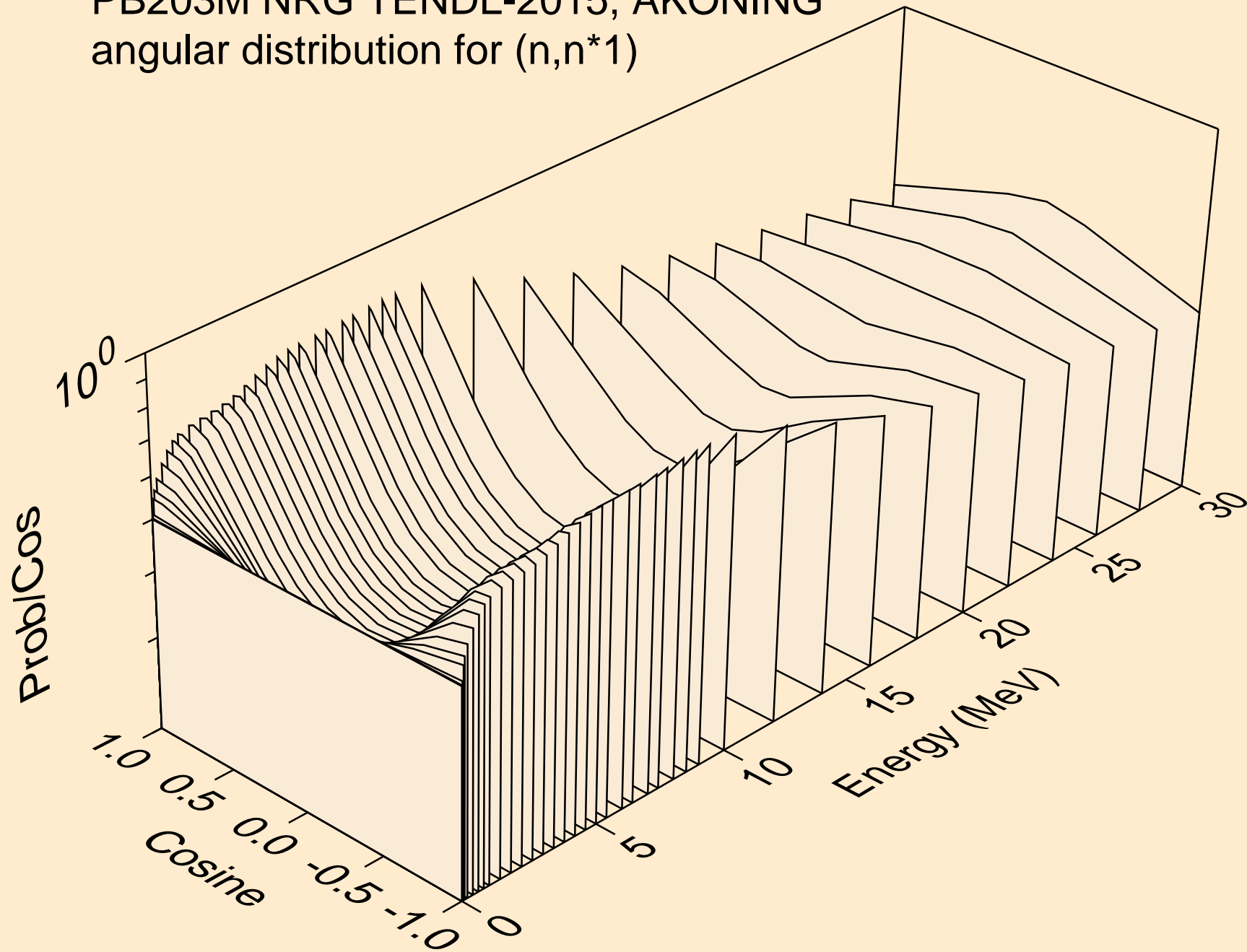
PB203M NRG TENDL-2015, AKONING  
angular distribution for elastic



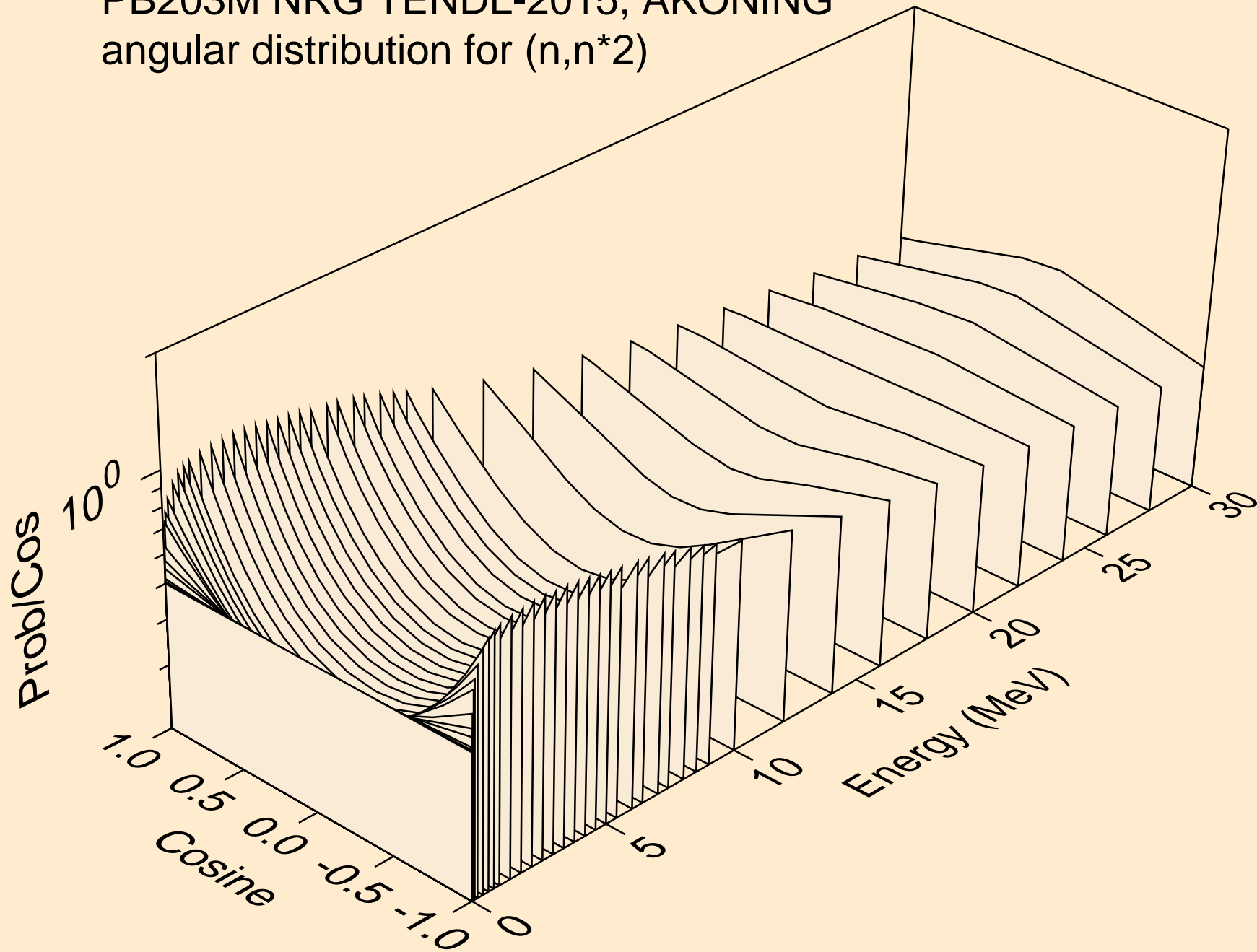
PB203M NRG TENDL-2015, AKONING  
angular distribution for elastic



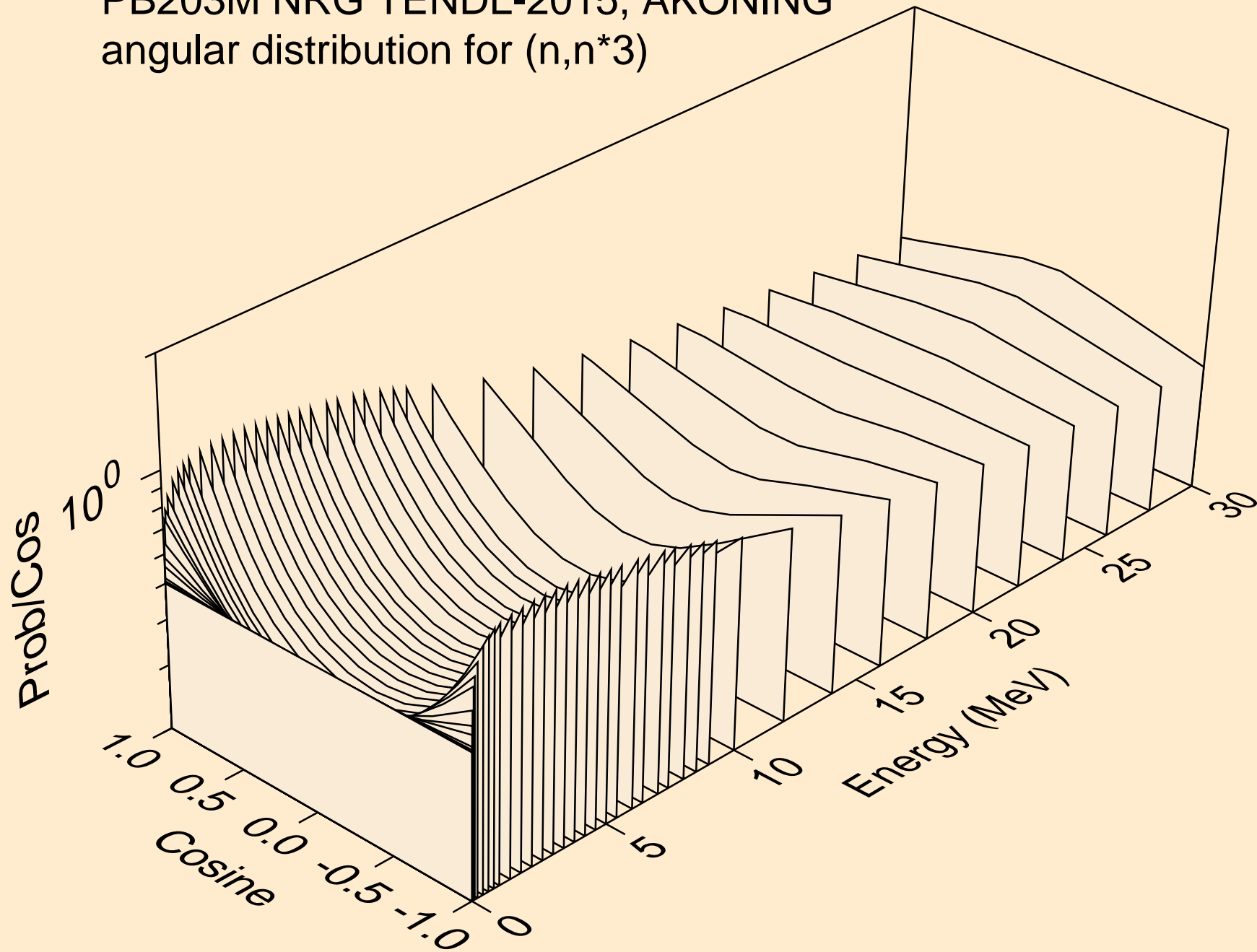
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angular distribution for (n,n\*1)



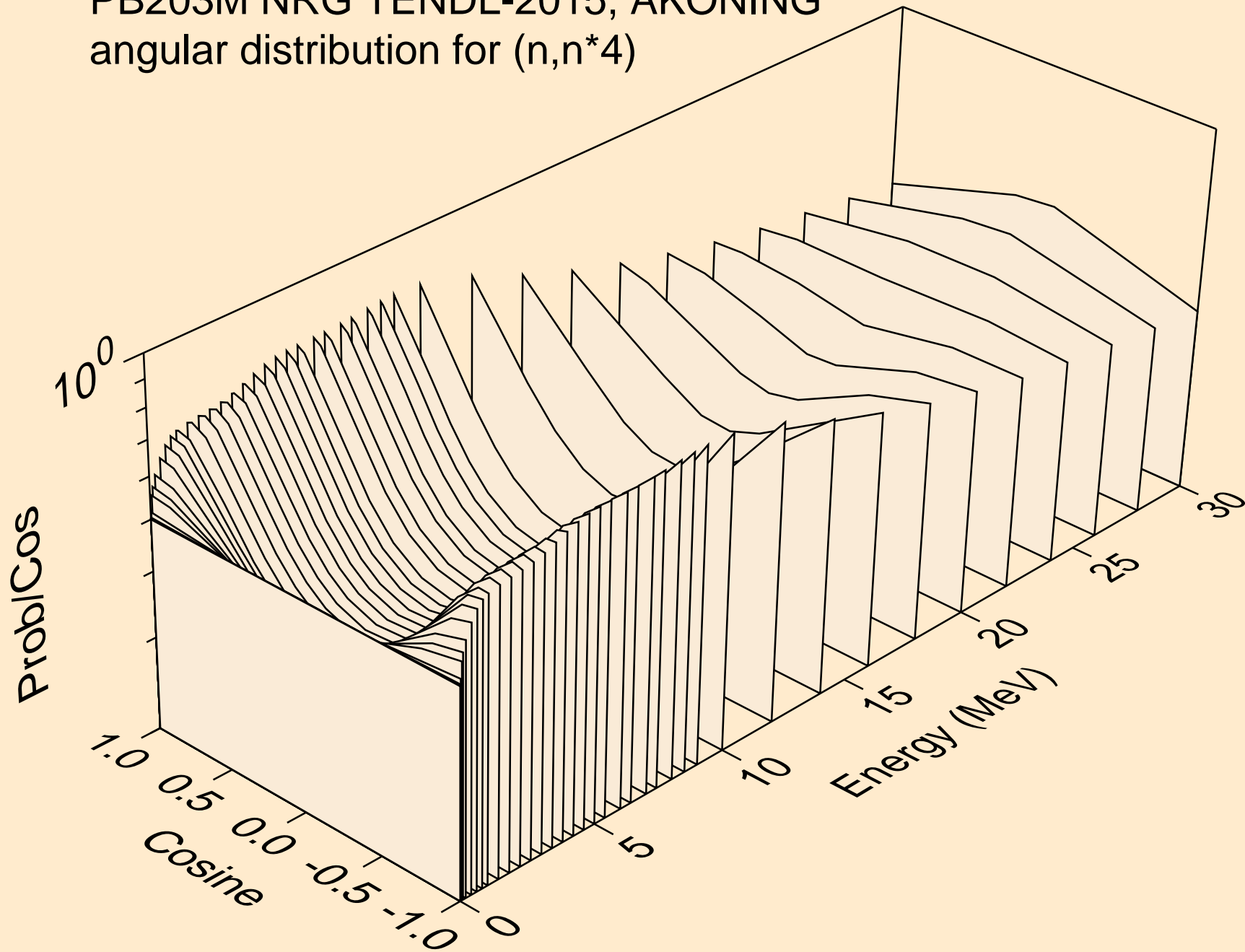
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angular distribution for (n,n\*2)



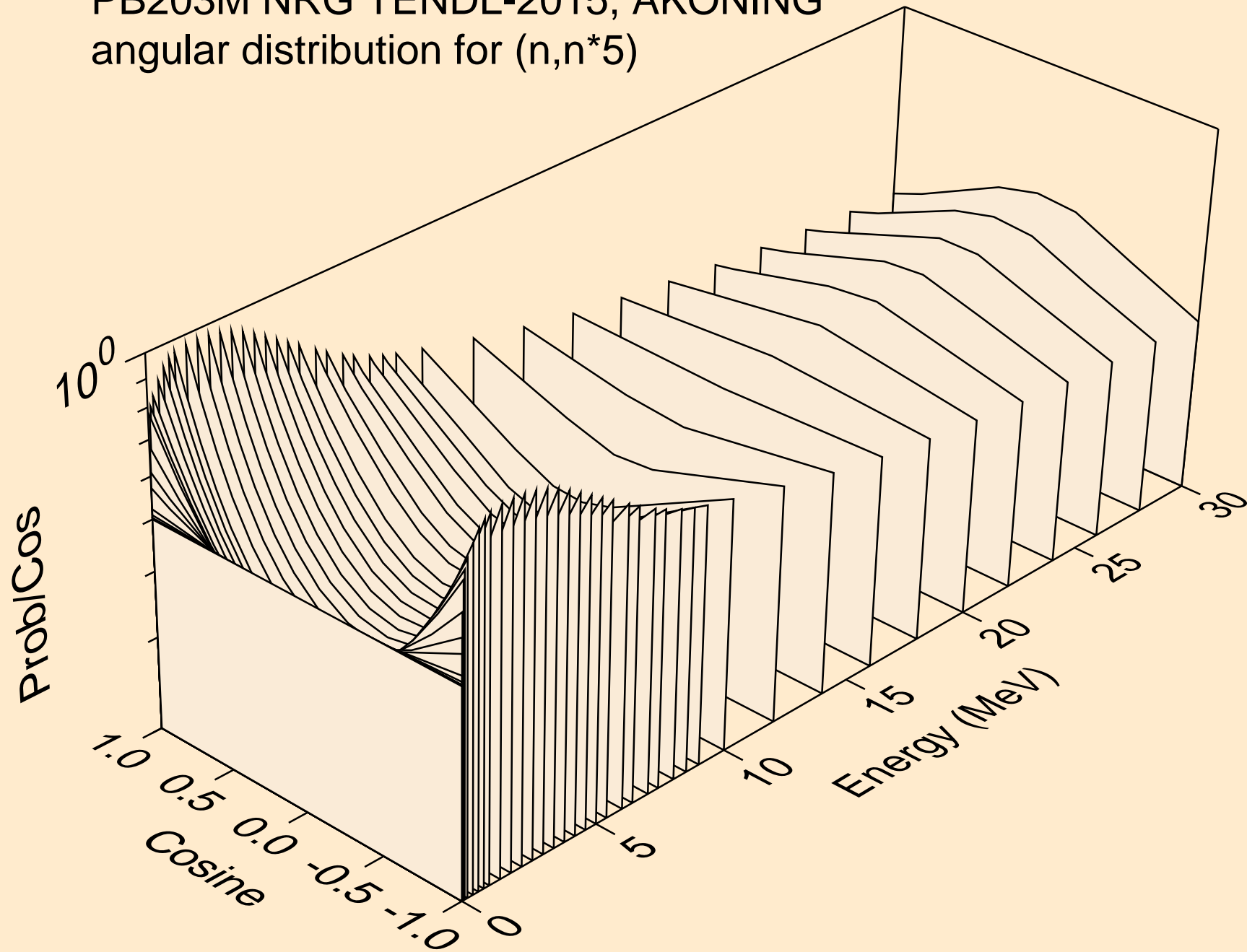
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angular distribution for (n,n\*3)



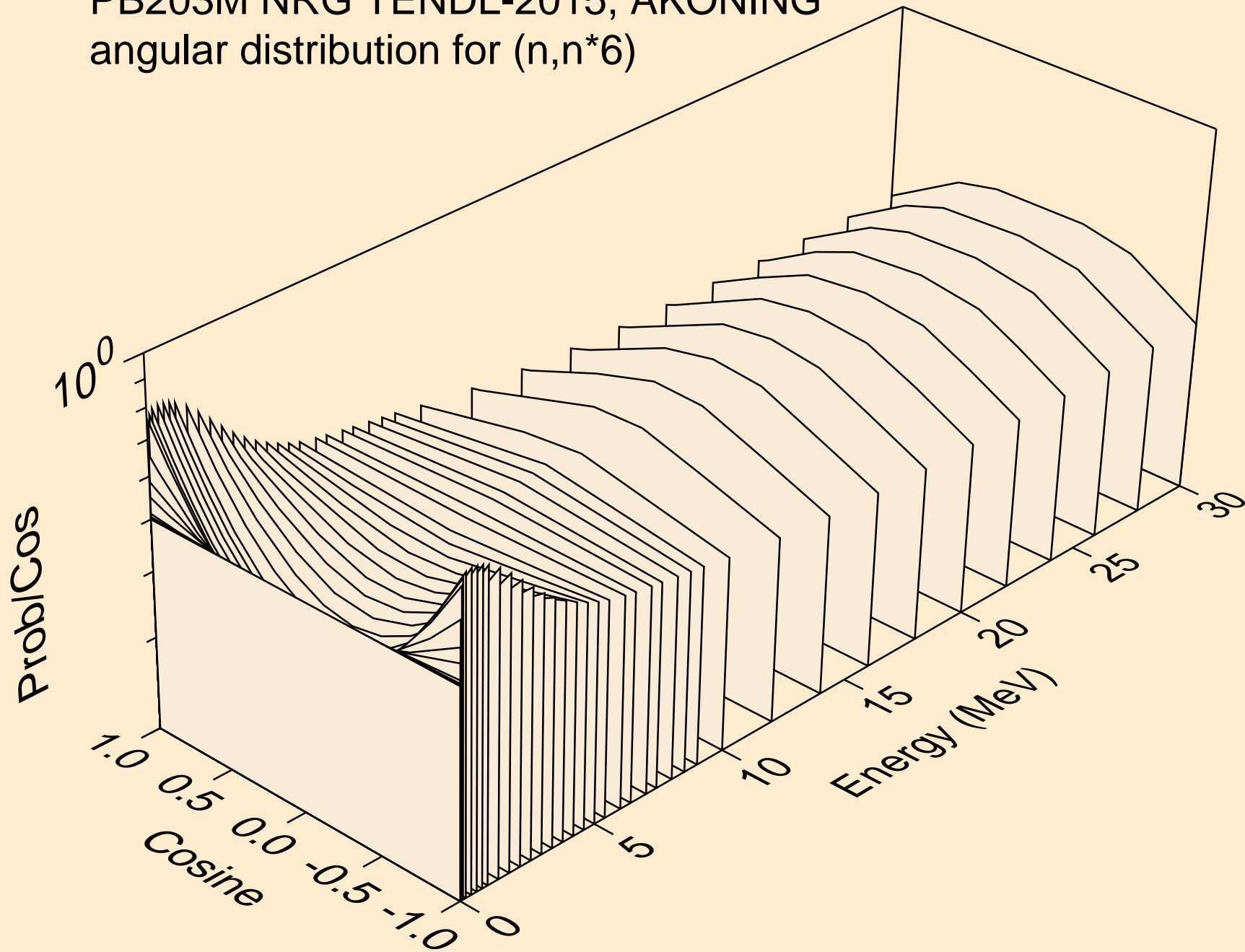
PB203M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



PB203M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

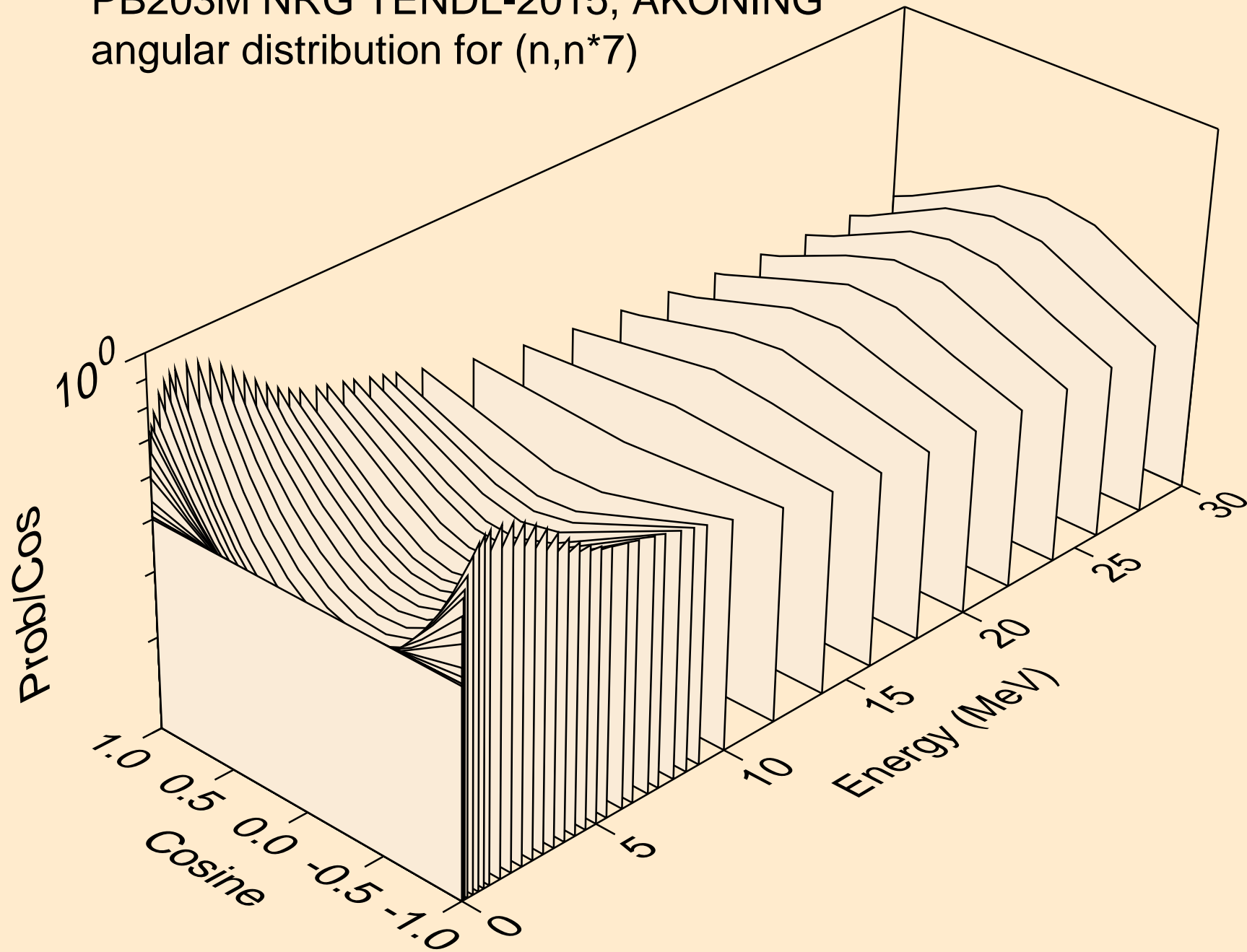


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angular distribution for (n,n\*6)

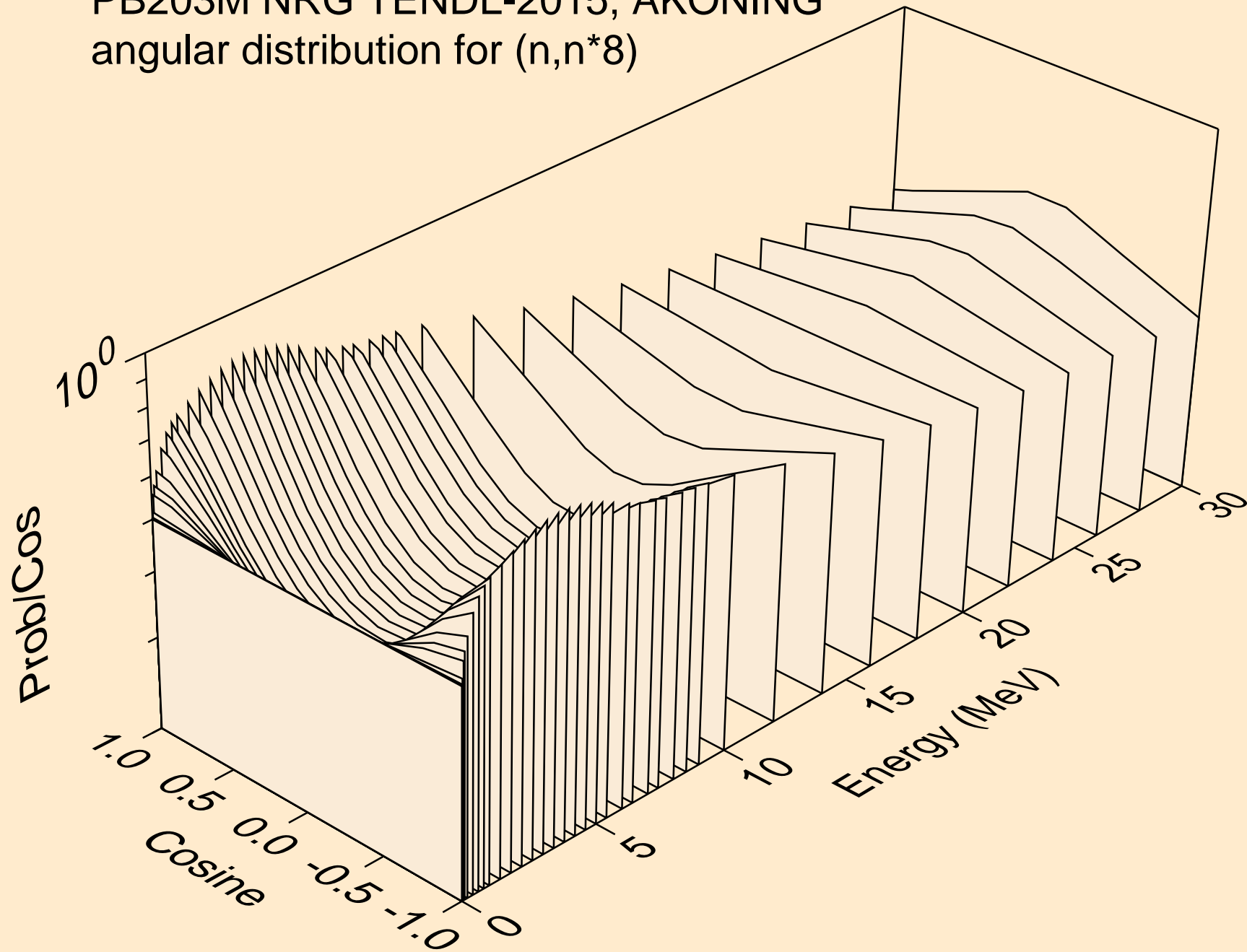




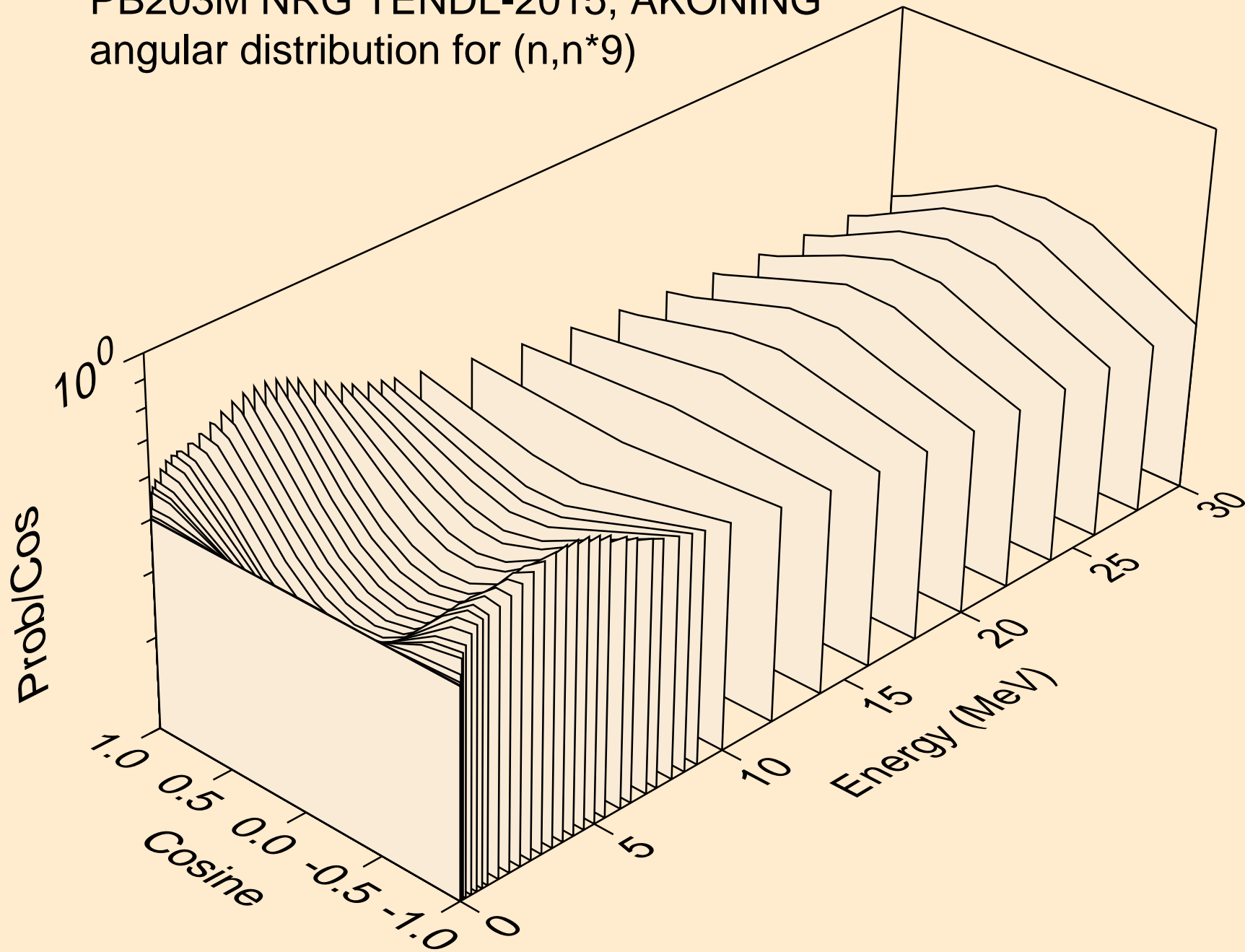
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angular distribution for (n,n\*7)



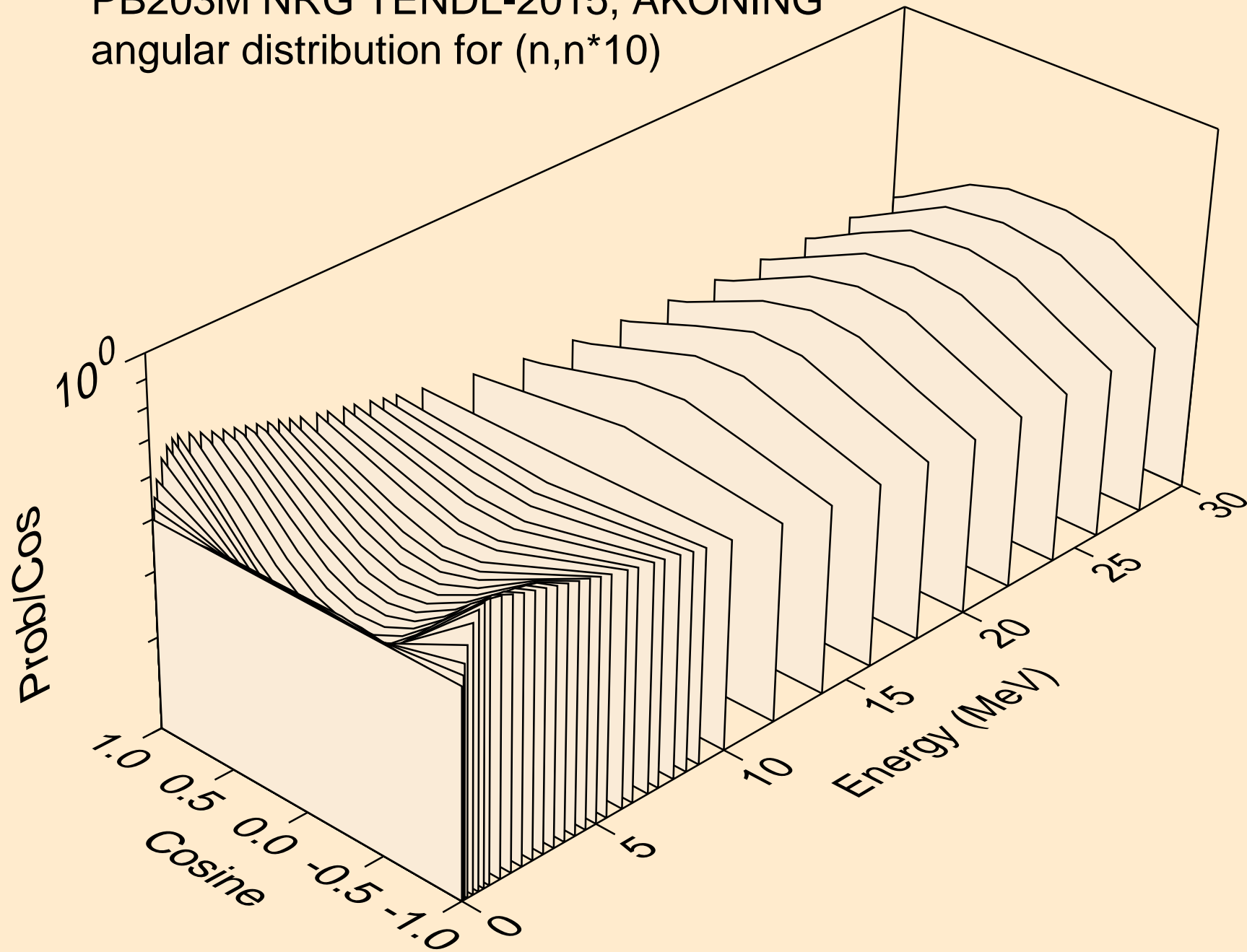
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angular distribution for (n,n\*8)



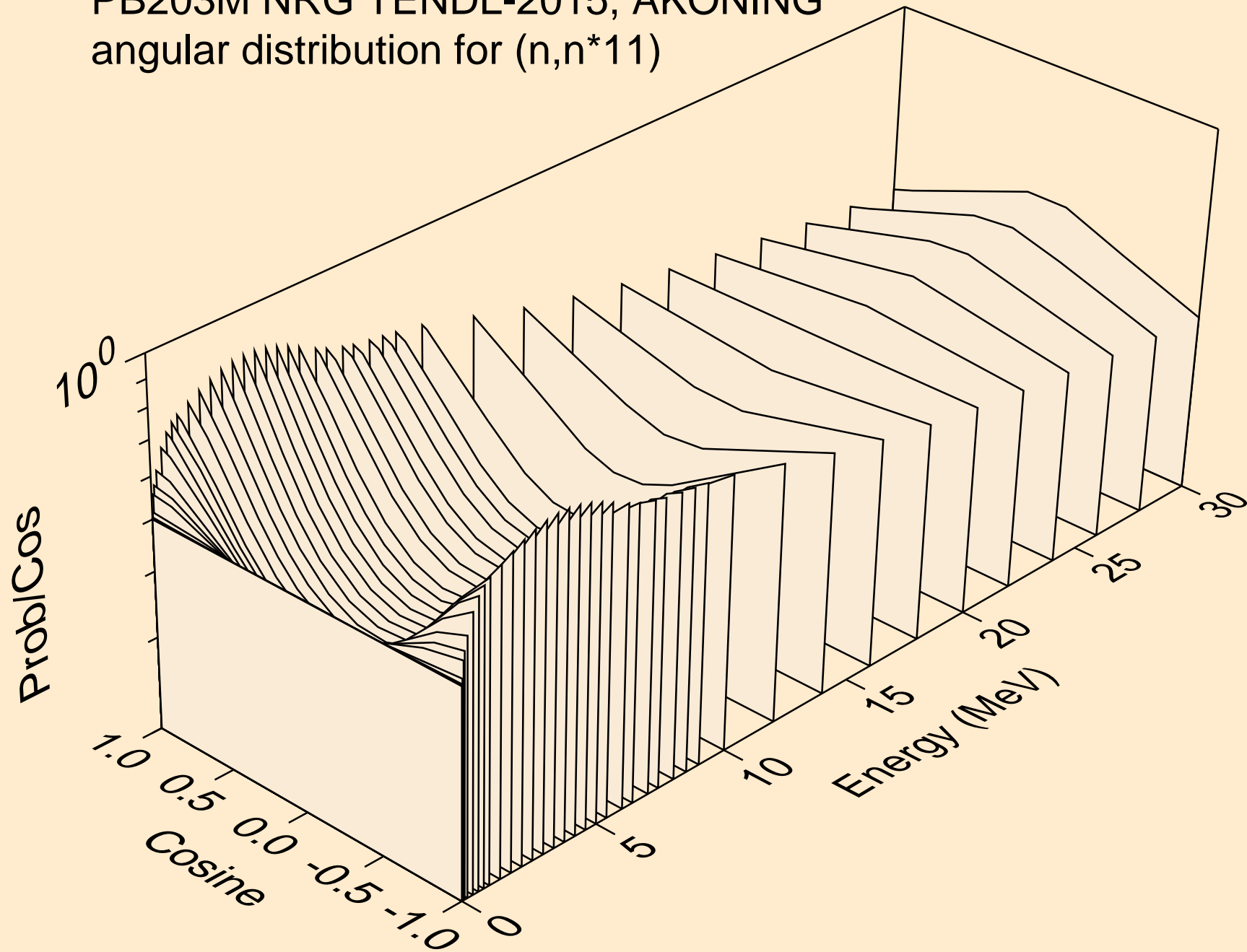
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angular distribution for (n,n\*9)



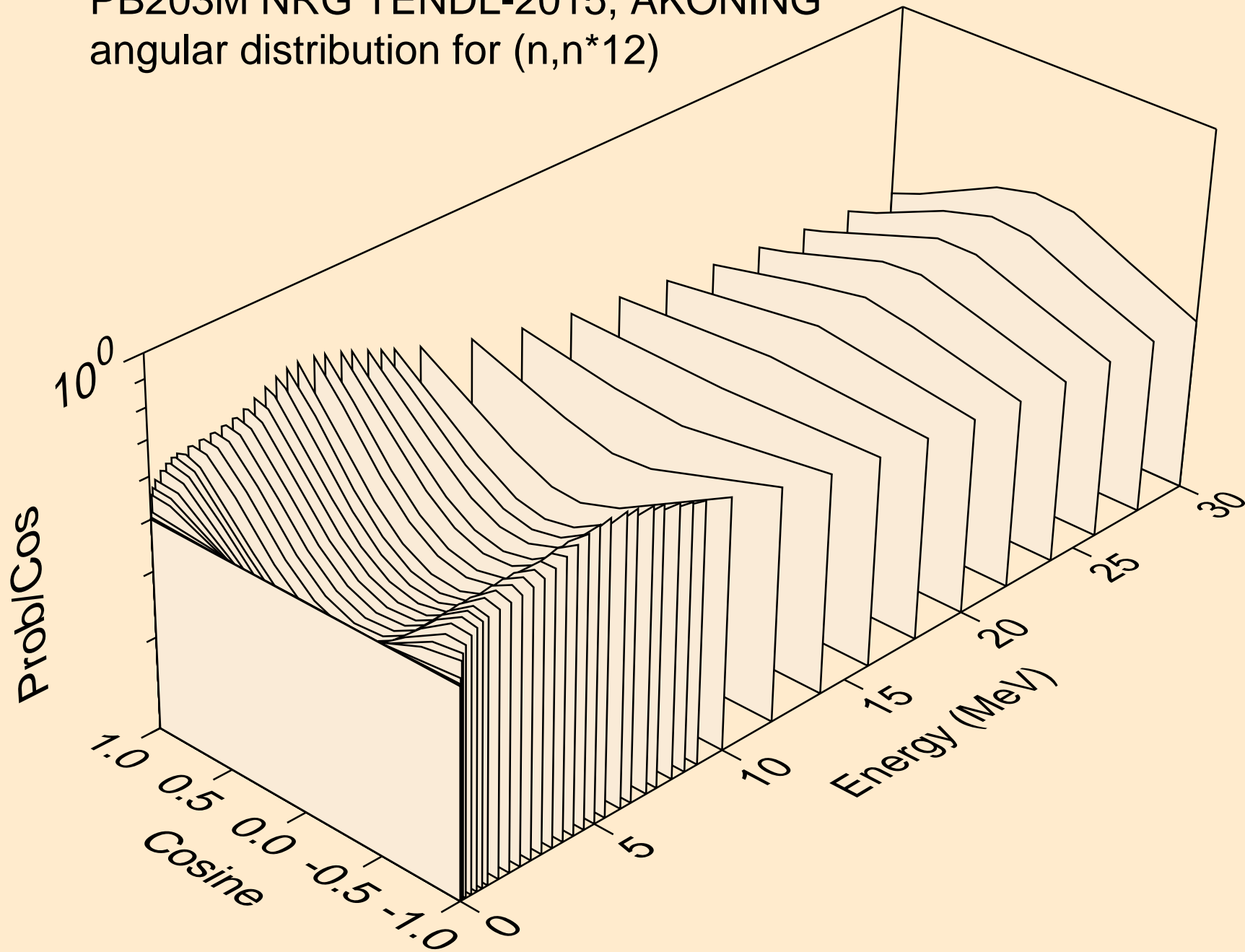
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angular distribution for (n,n\*10)



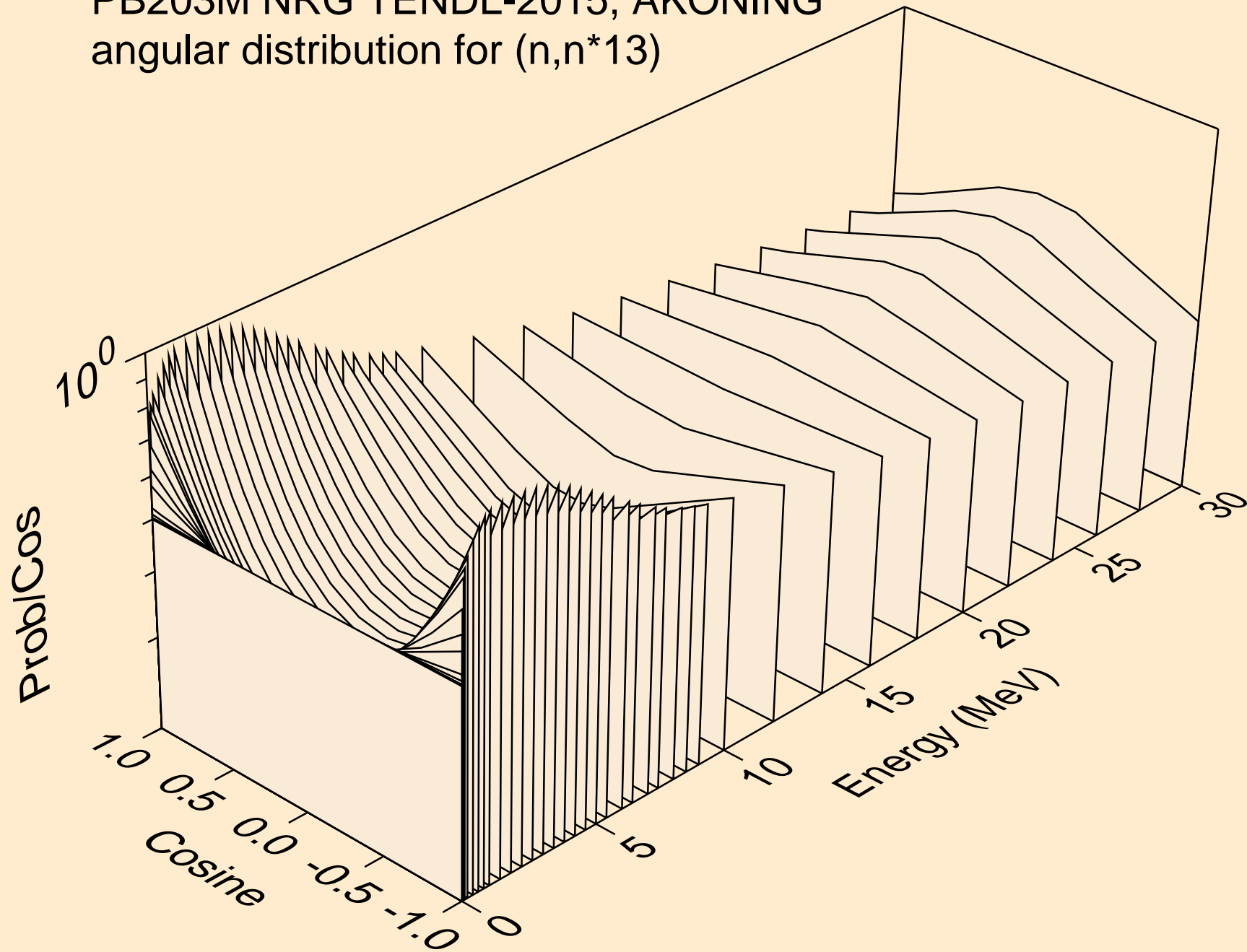
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angular distribution for (n,n\*11)



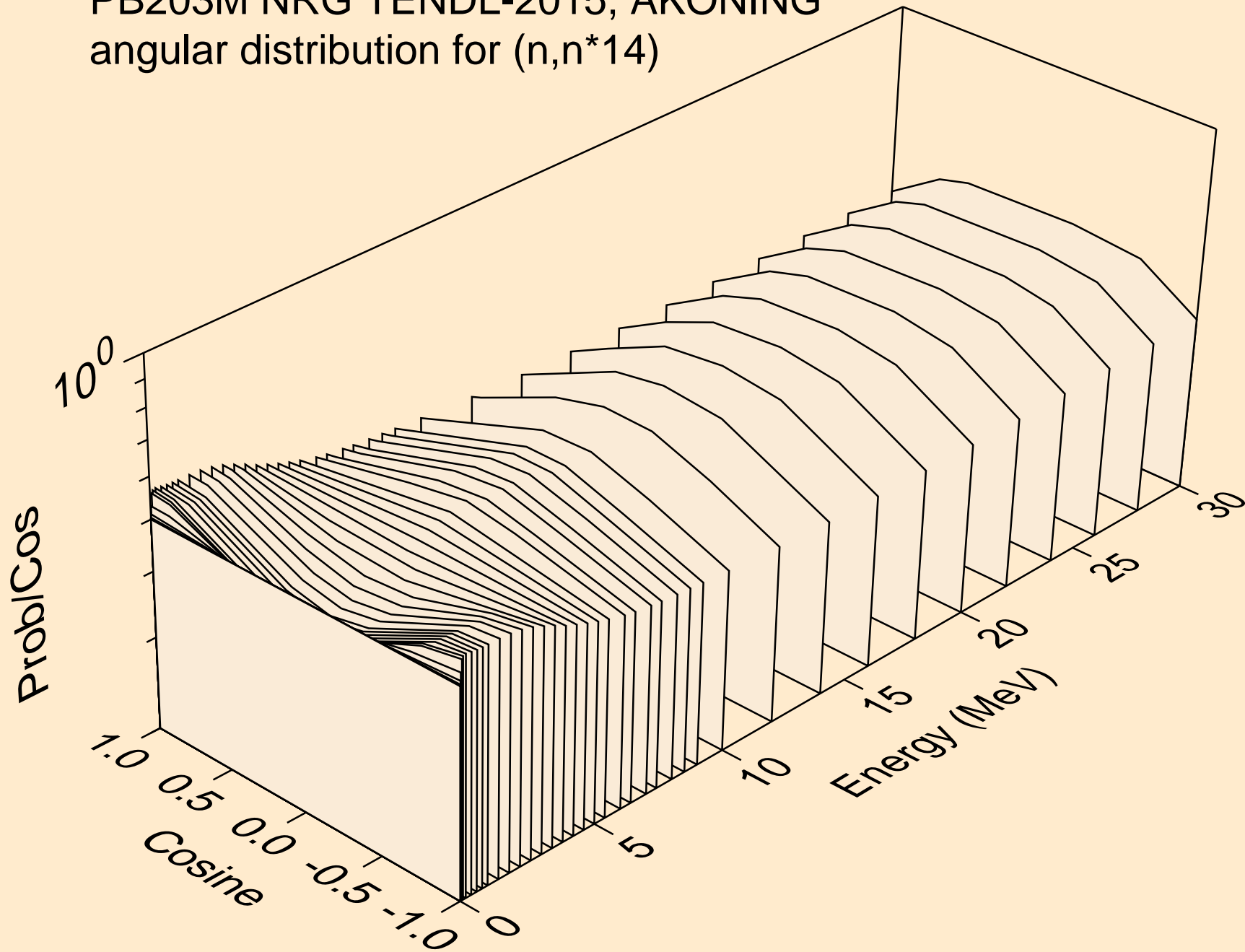
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angular distribution for (n,n\*12)



PB203M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

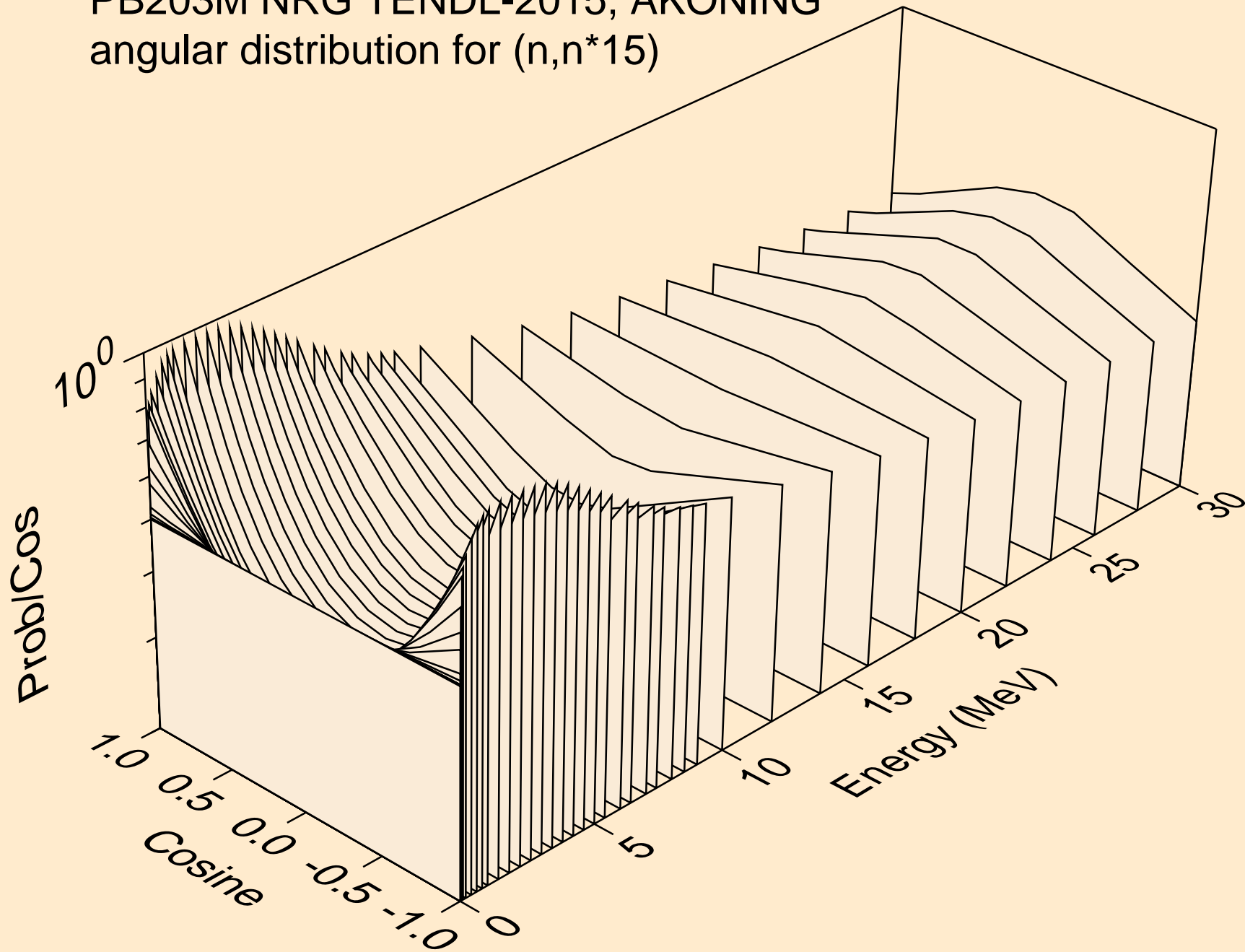


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angular distribution for (n,n\*14)

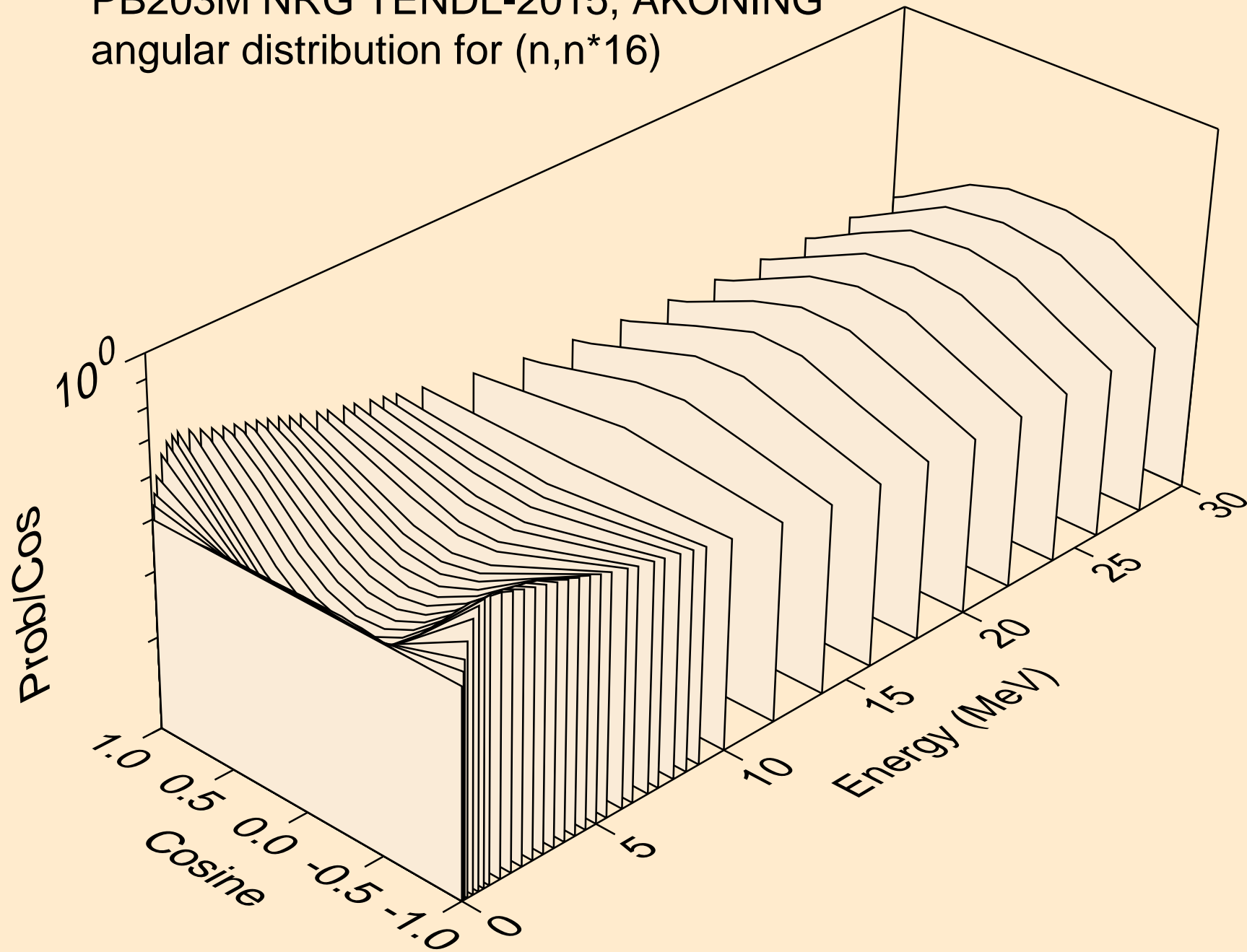




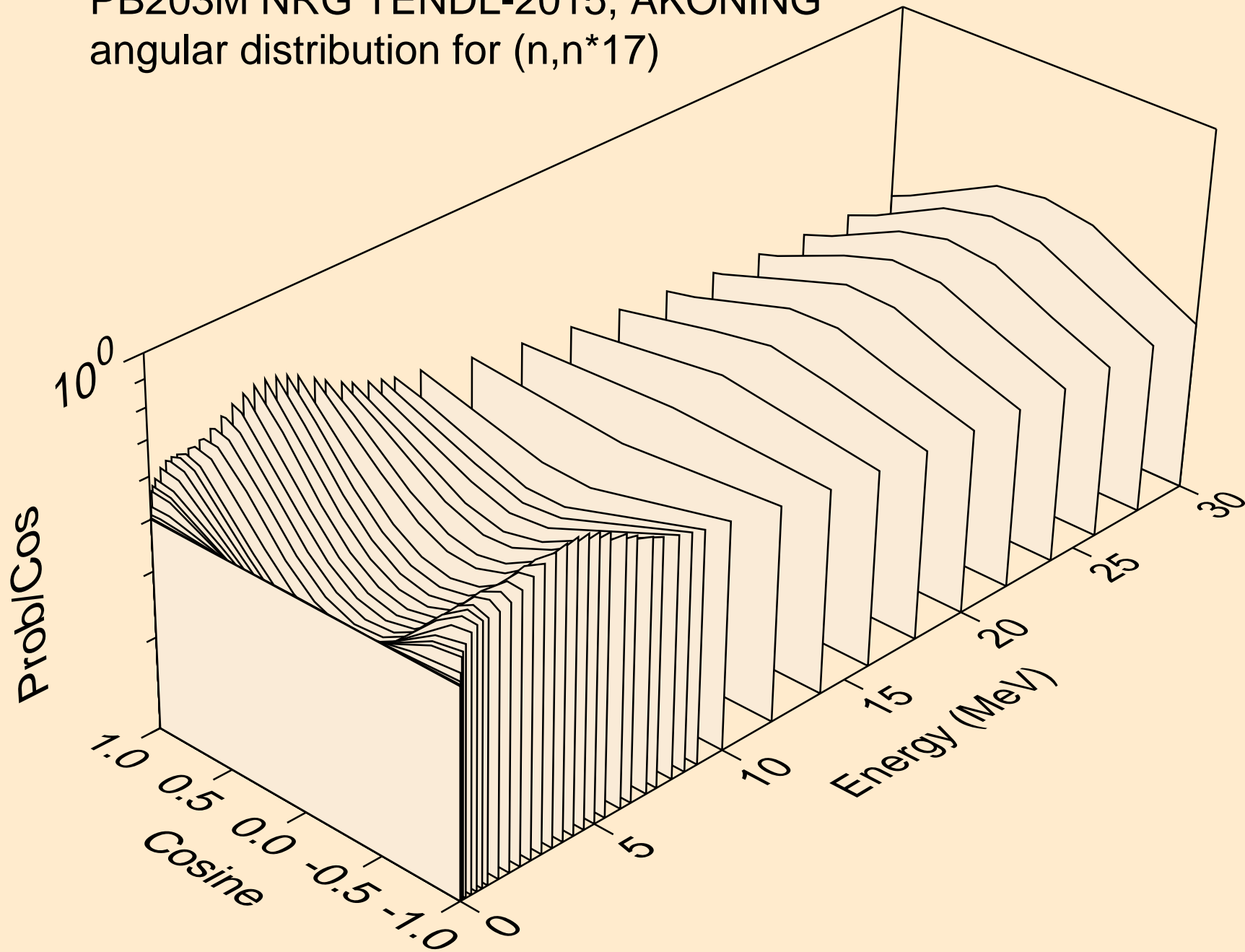
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angular distribution for (n,n\*15)



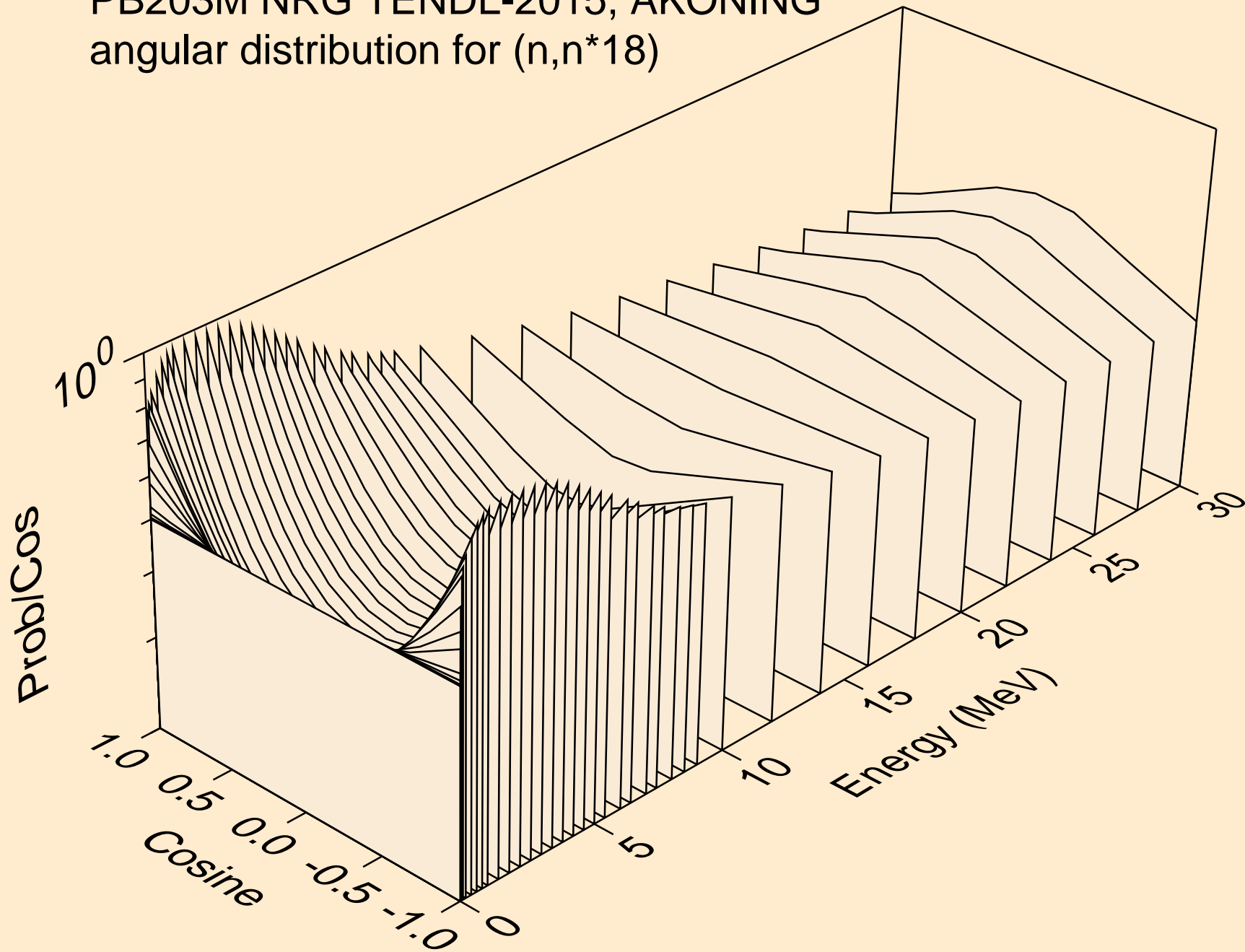
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angular distribution for (n,n\*16)



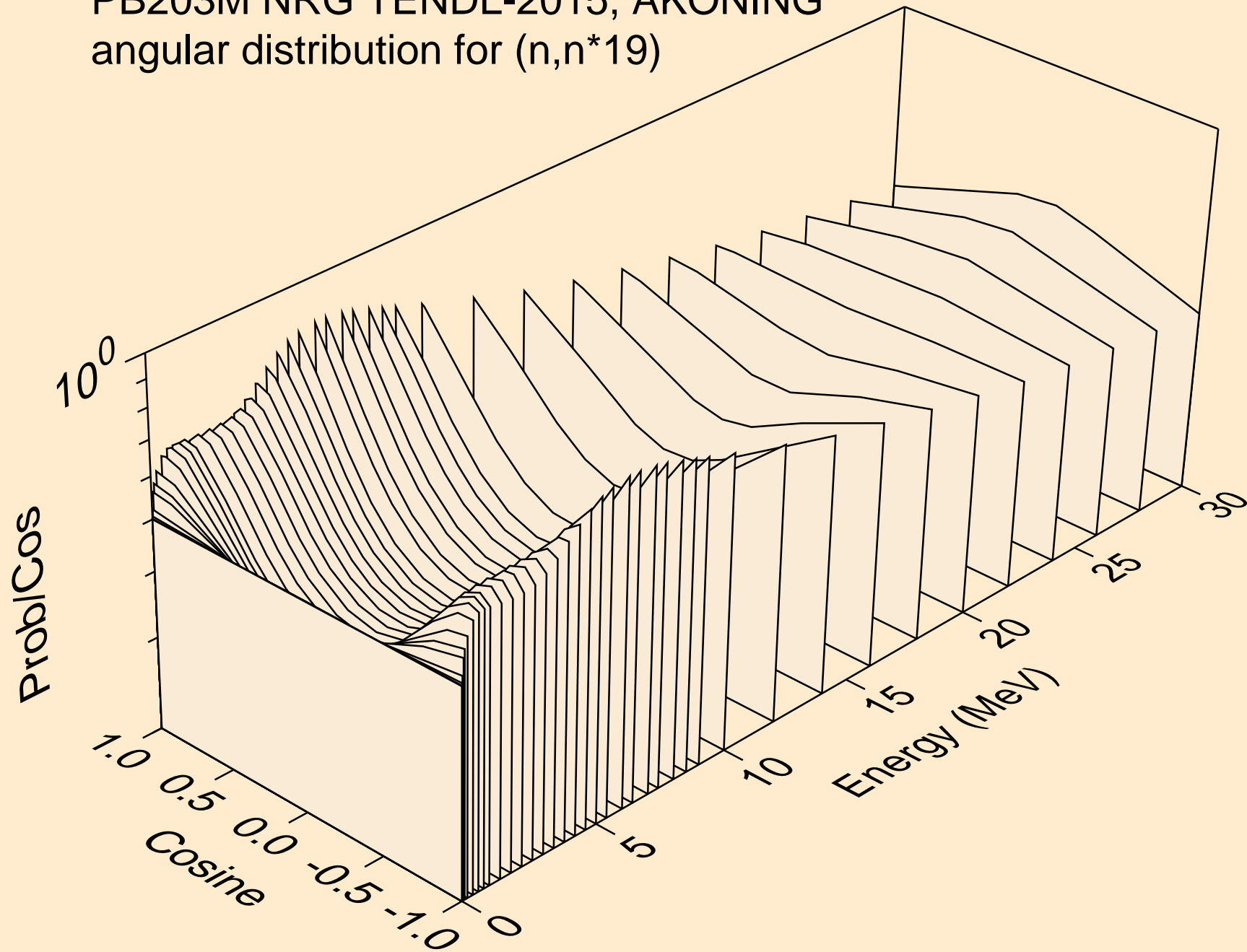
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angular distribution for (n,n\*17)



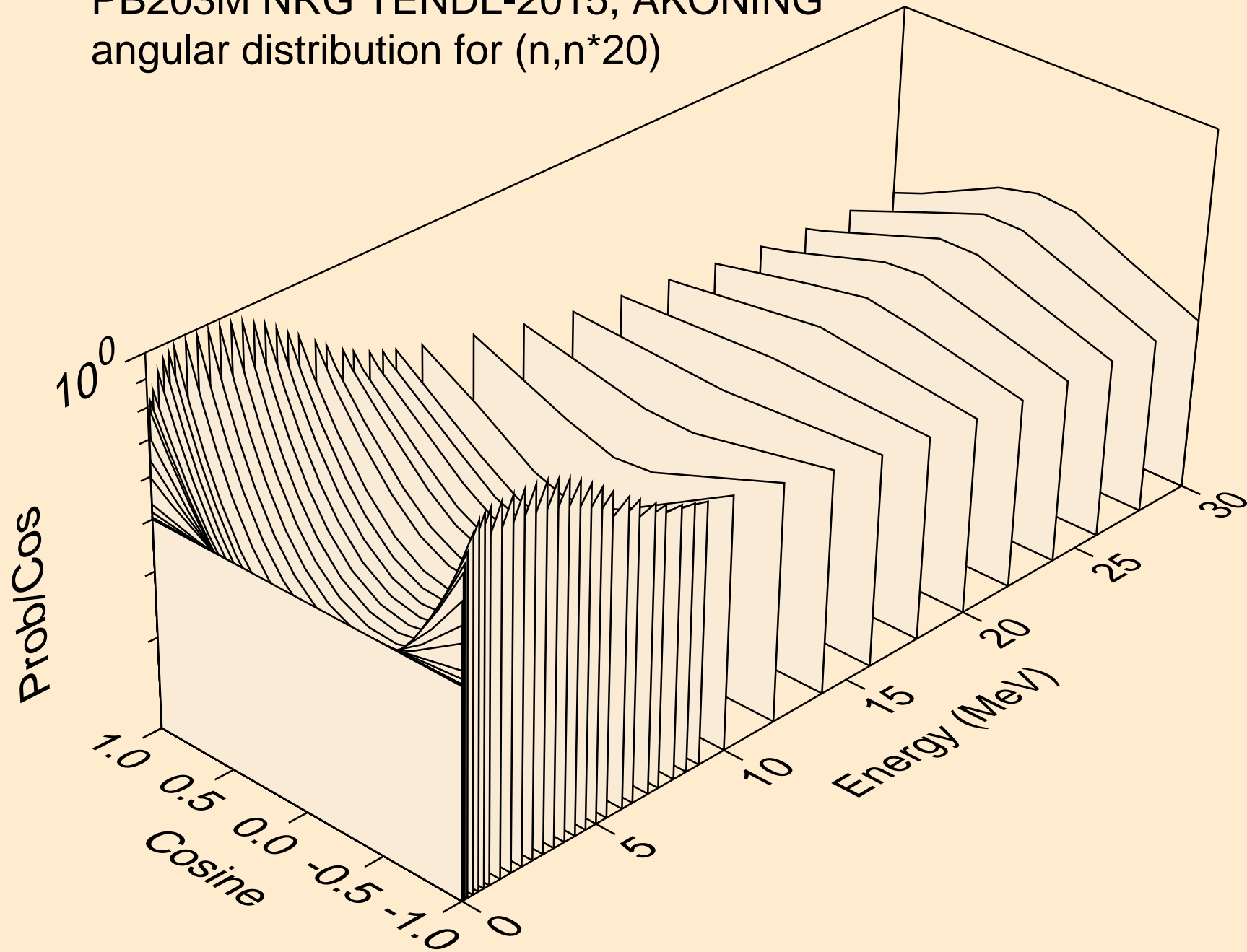
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angular distribution for (n,n\*18)



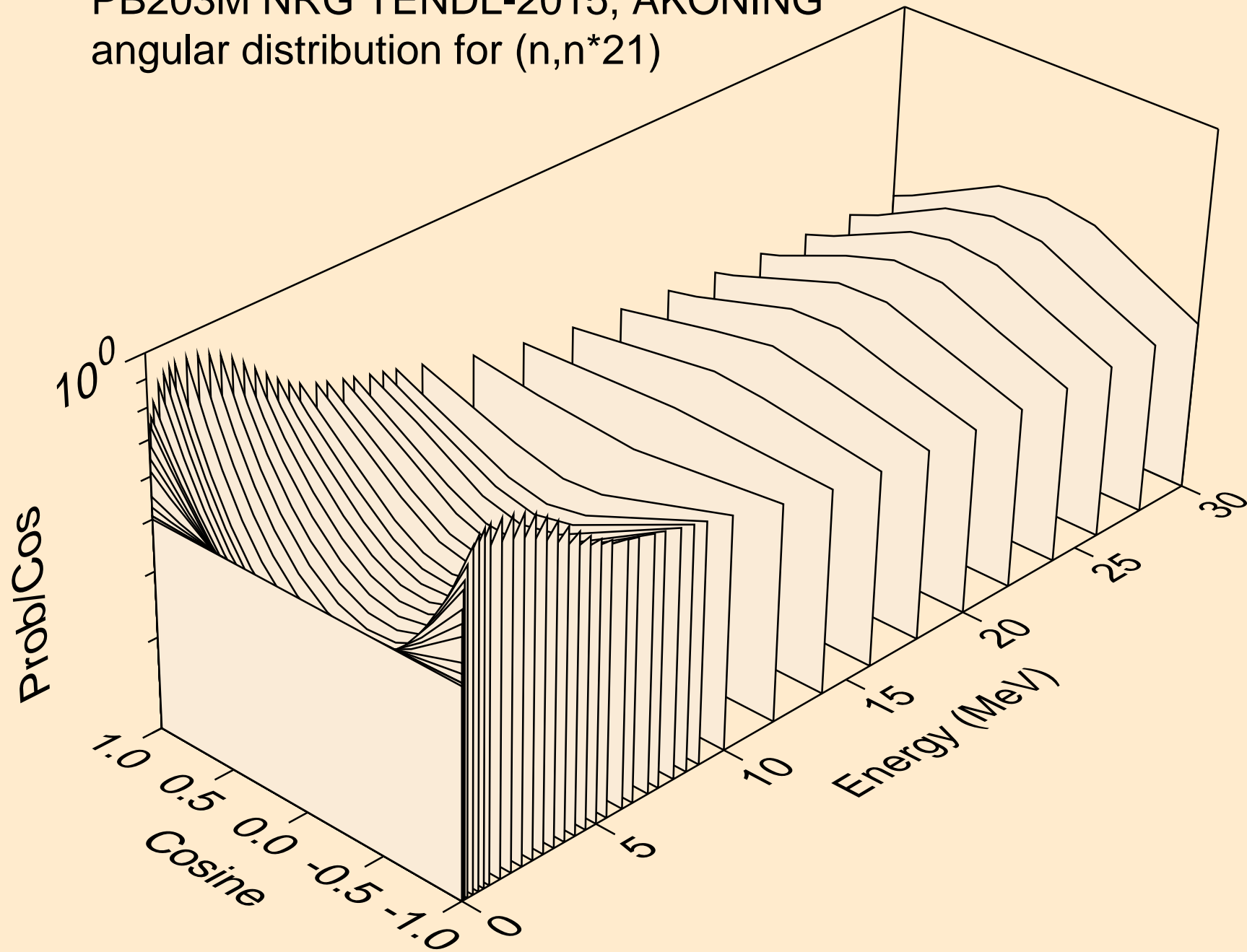
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angular distribution for (n,n\*19)



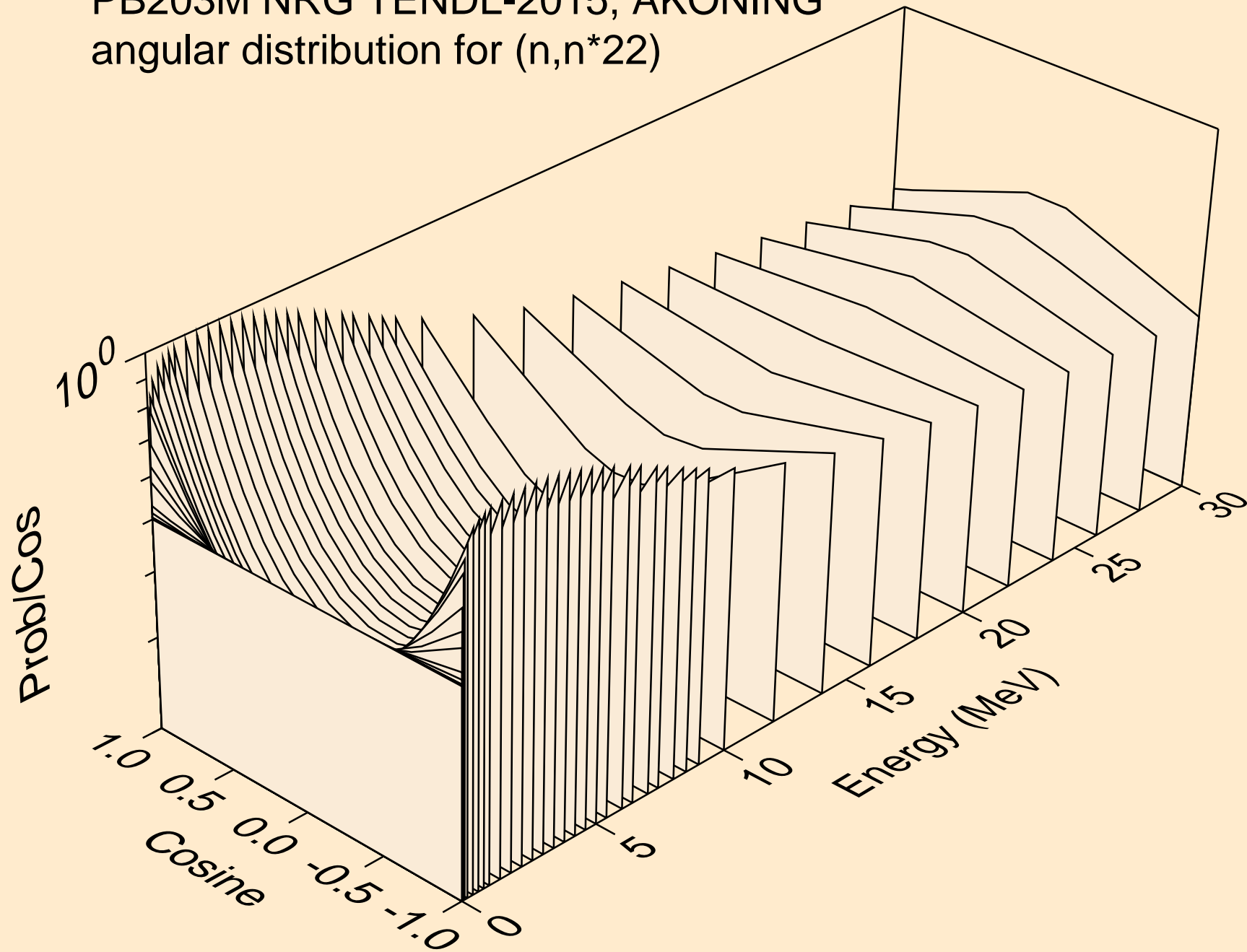
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angular distribution for (n,n\*20)



PB203M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

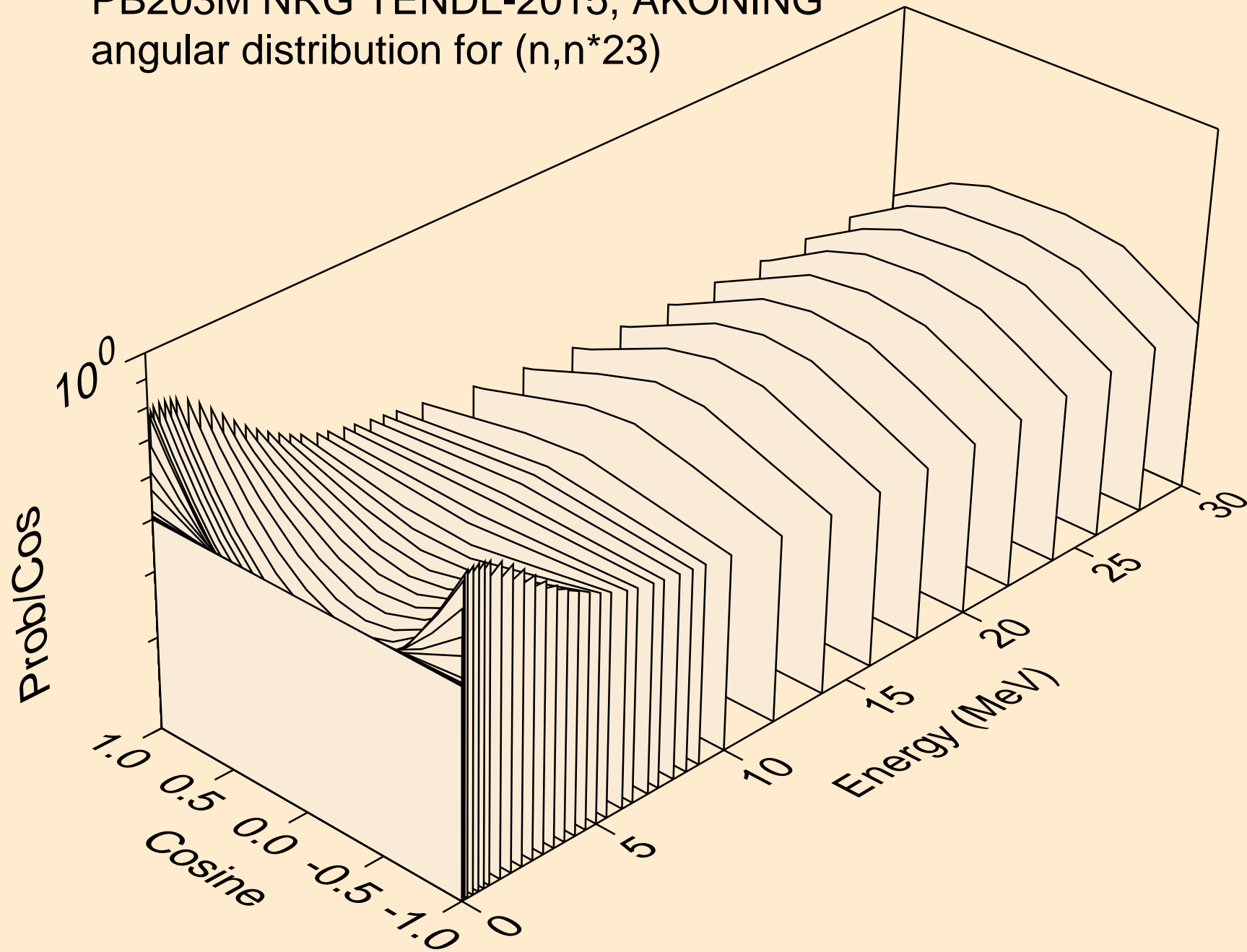


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angular distribution for (n,n\*22)

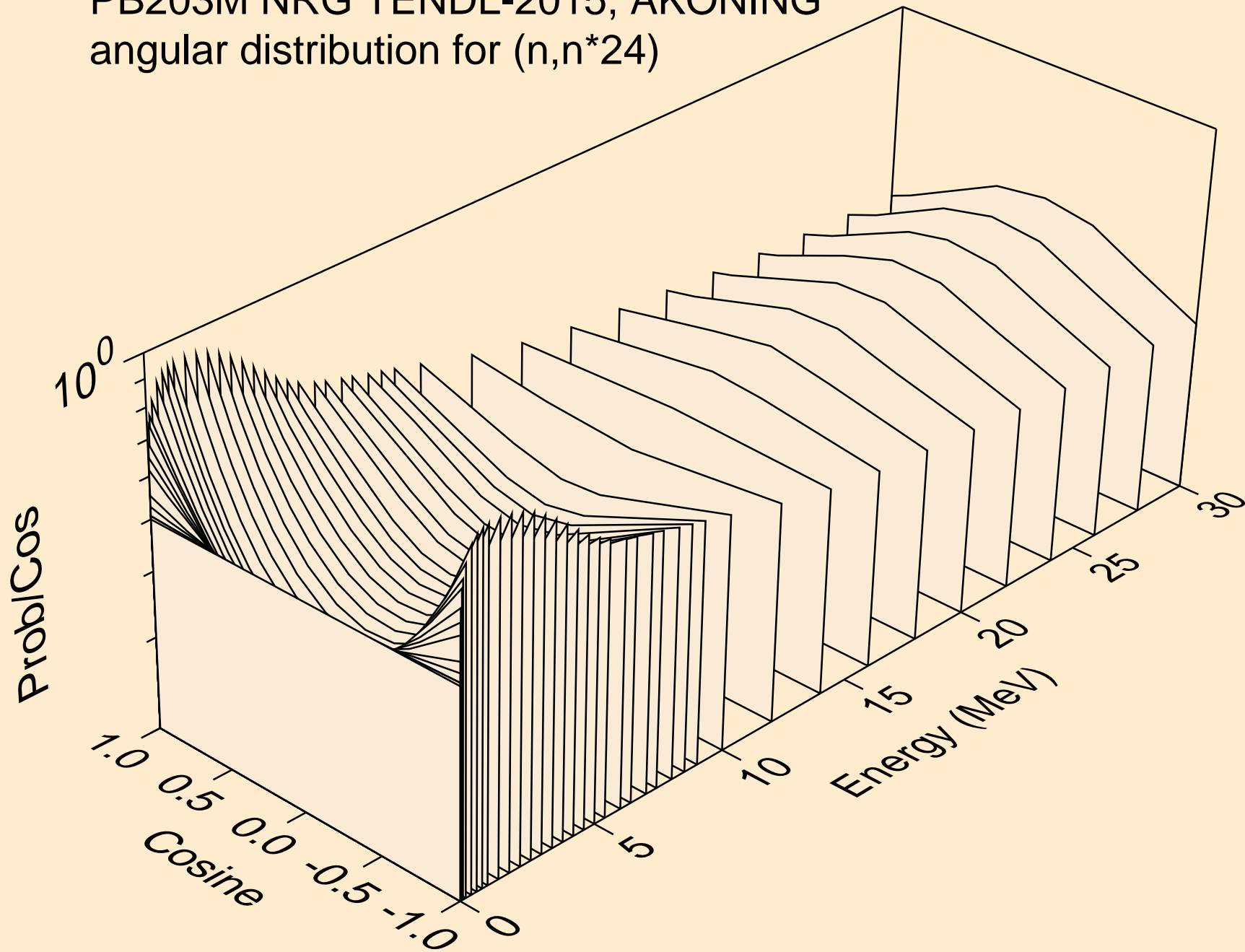




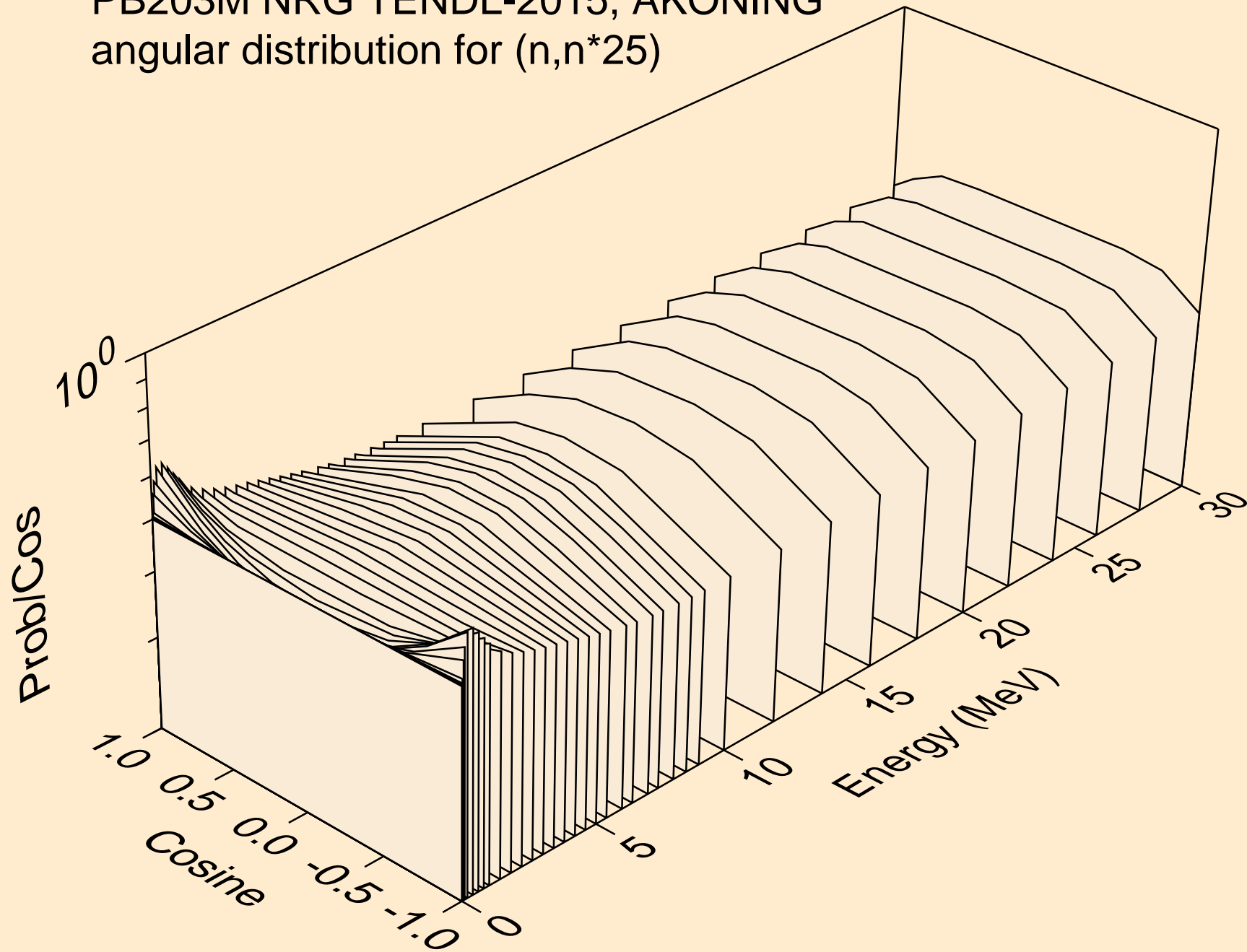
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angular distribution for (n,n\*23)



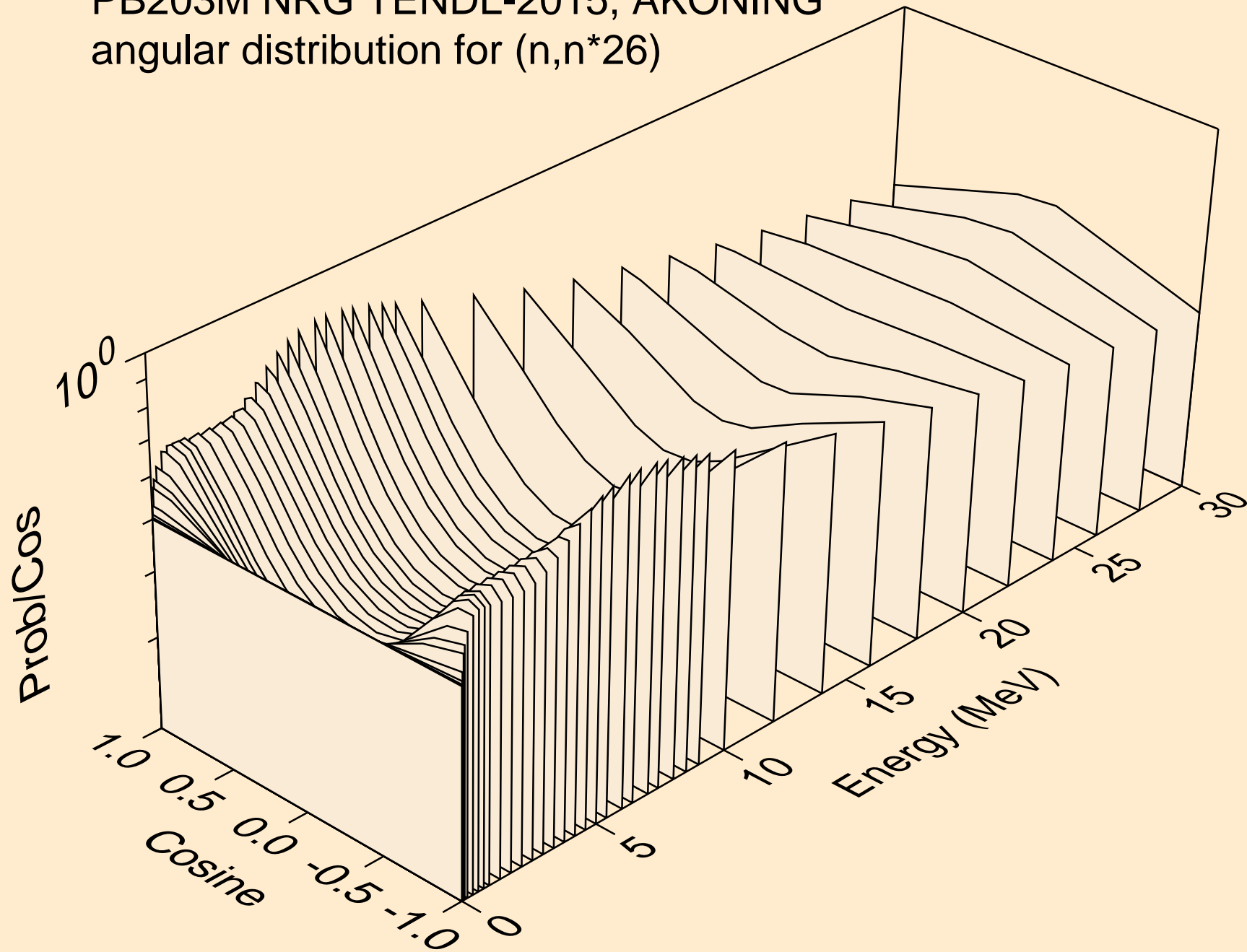
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angular distribution for (n,n\*24)



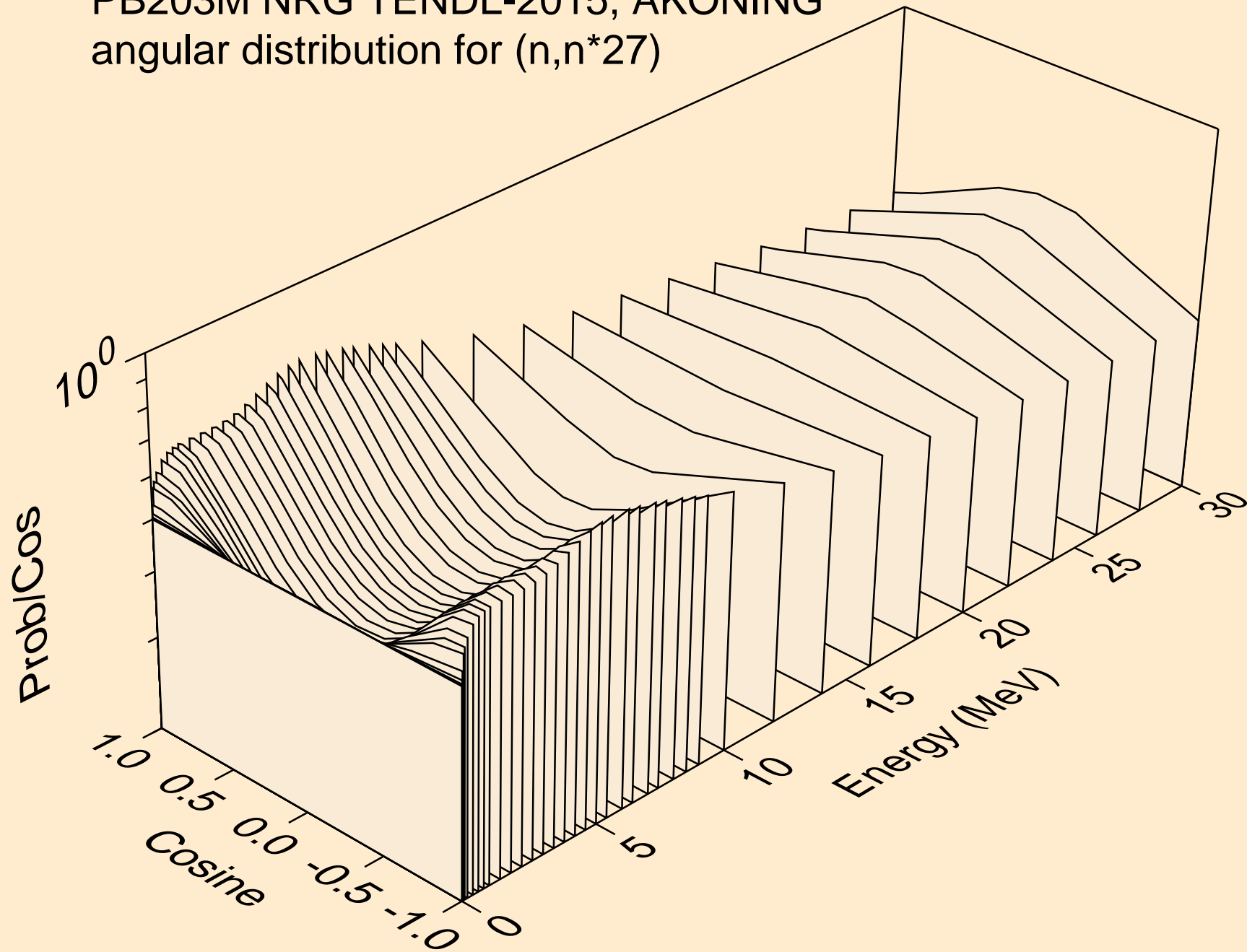
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angular distribution for (n,n\*25)



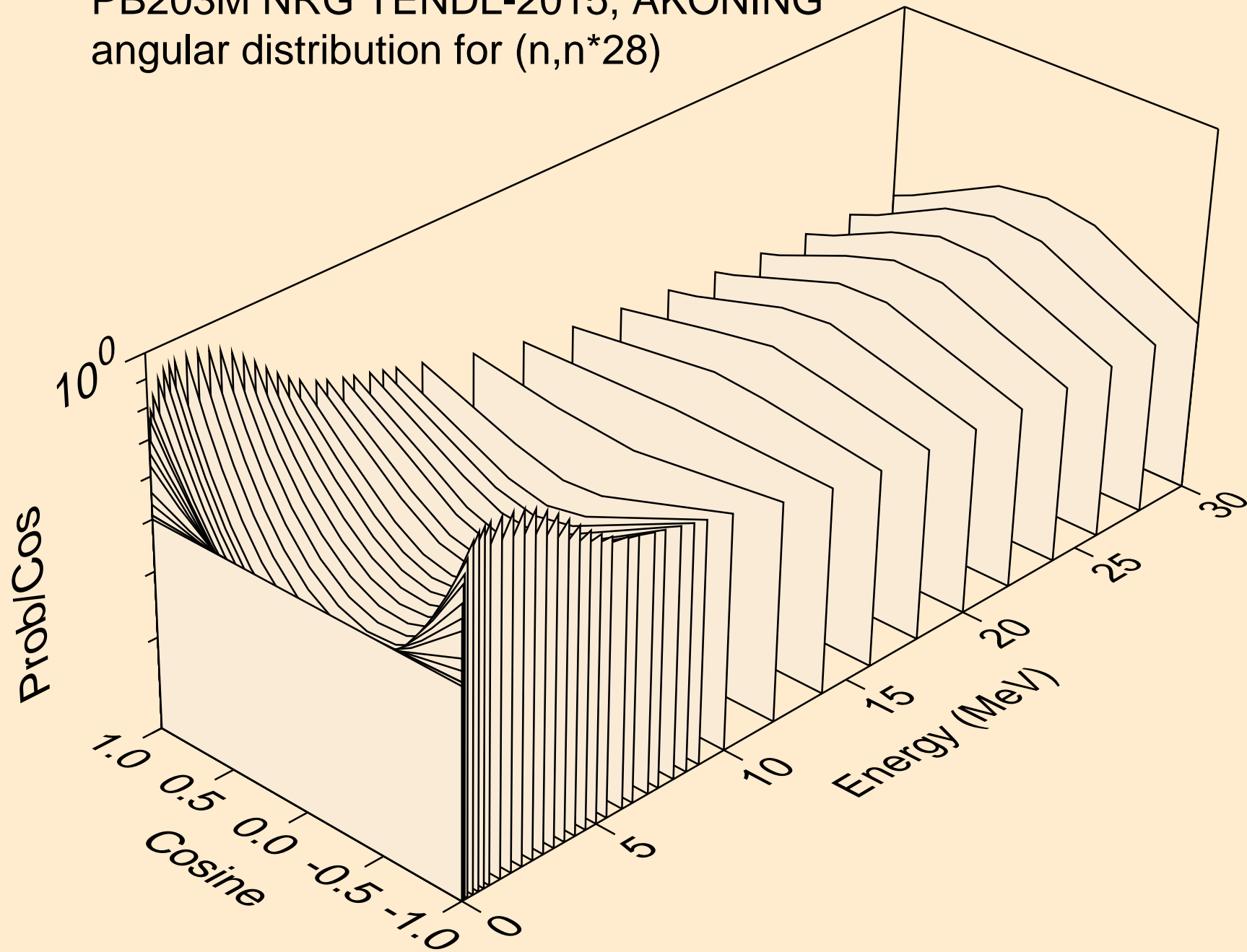
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angular distribution for (n,n\*26)



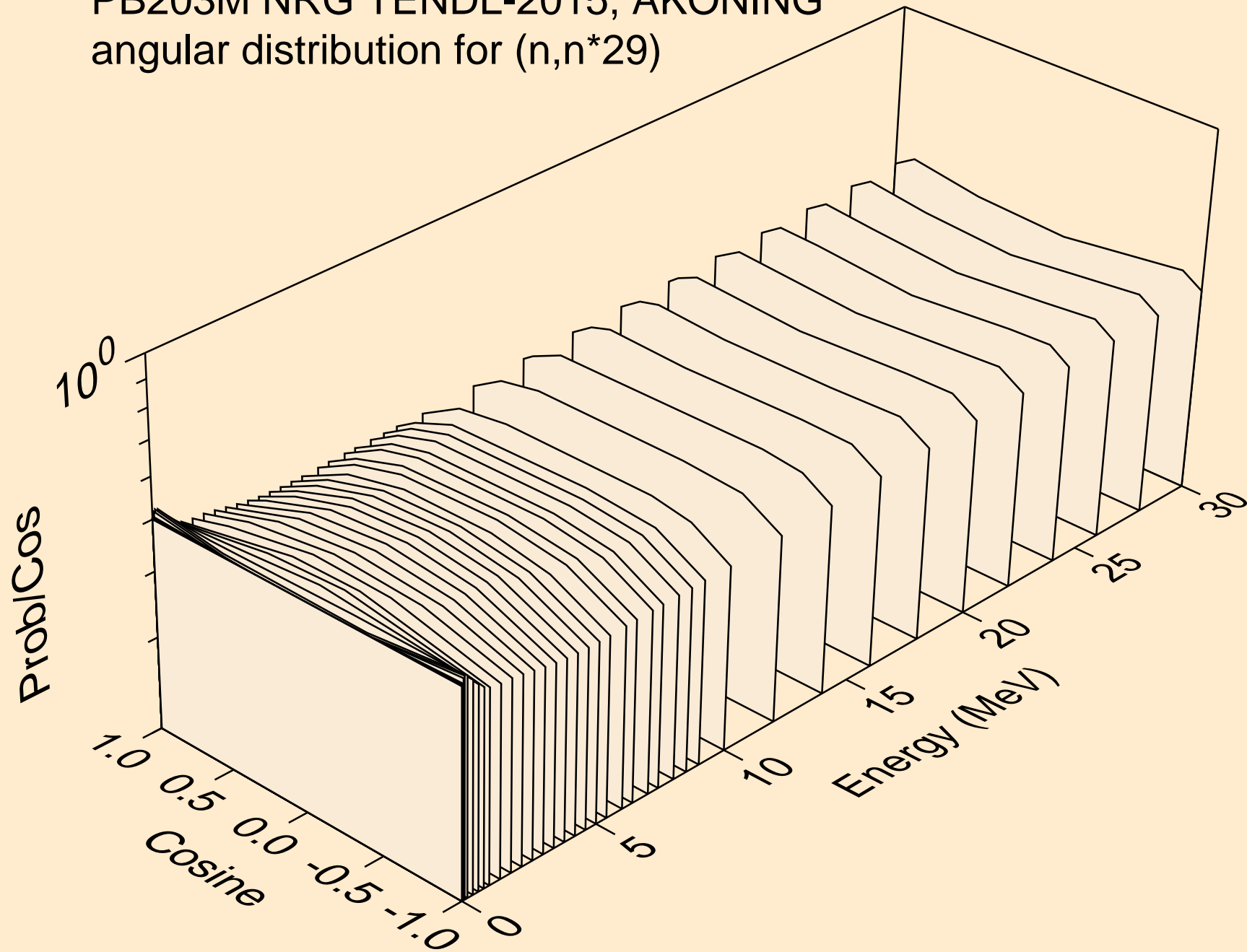
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angular distribution for (n,n\*27)



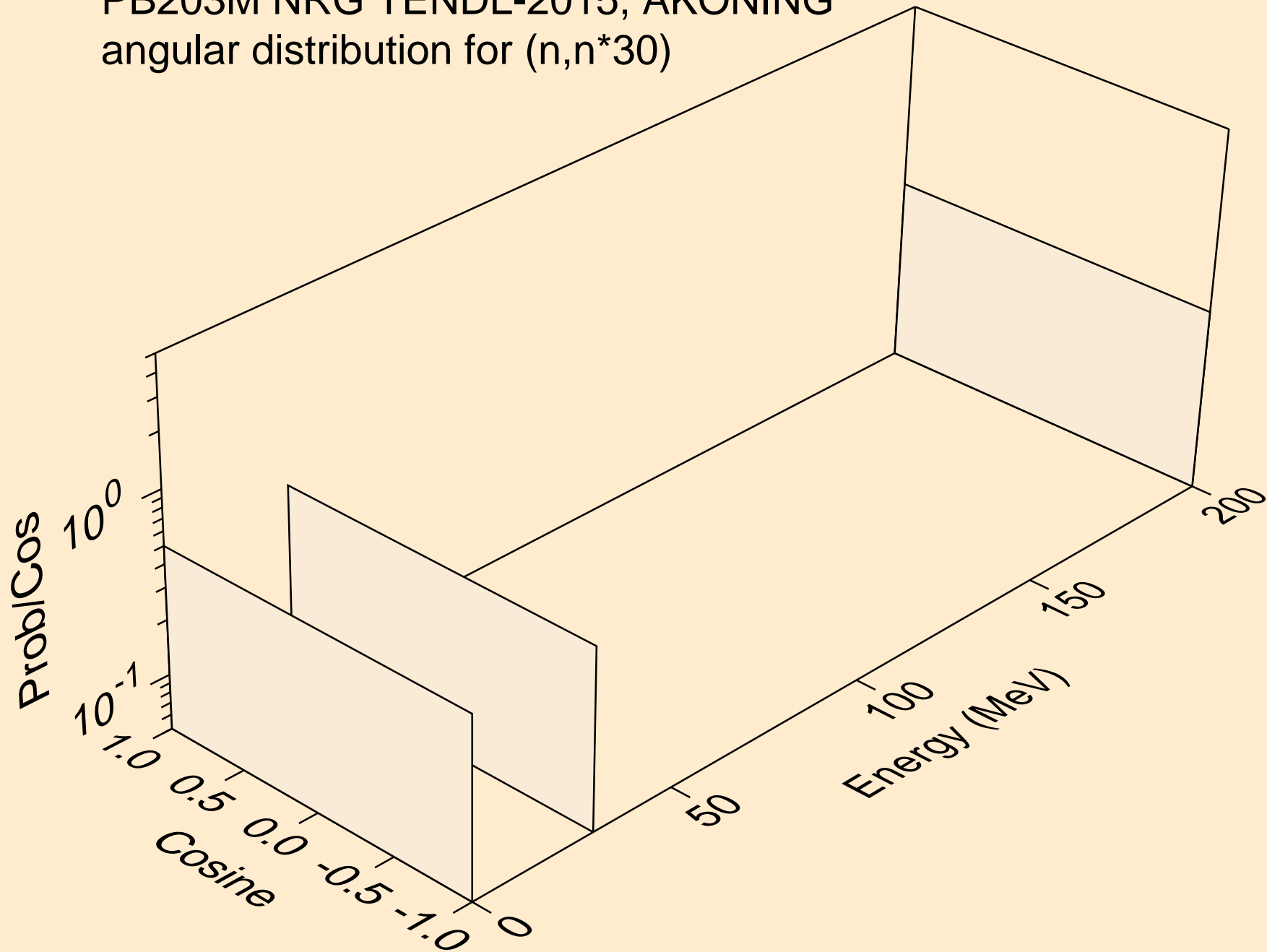
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angular distribution for (n,n\*28)



PB203M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

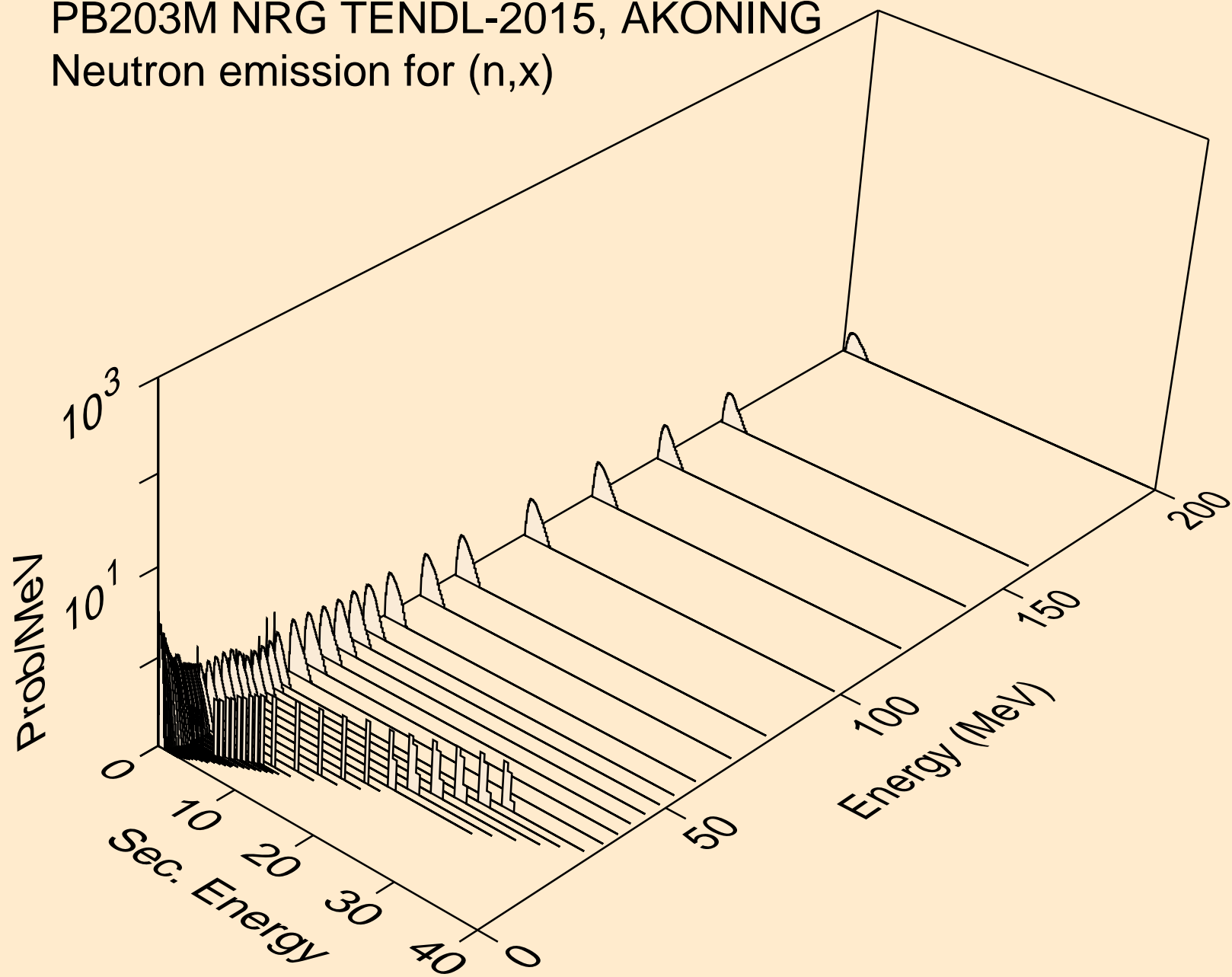


PB203M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

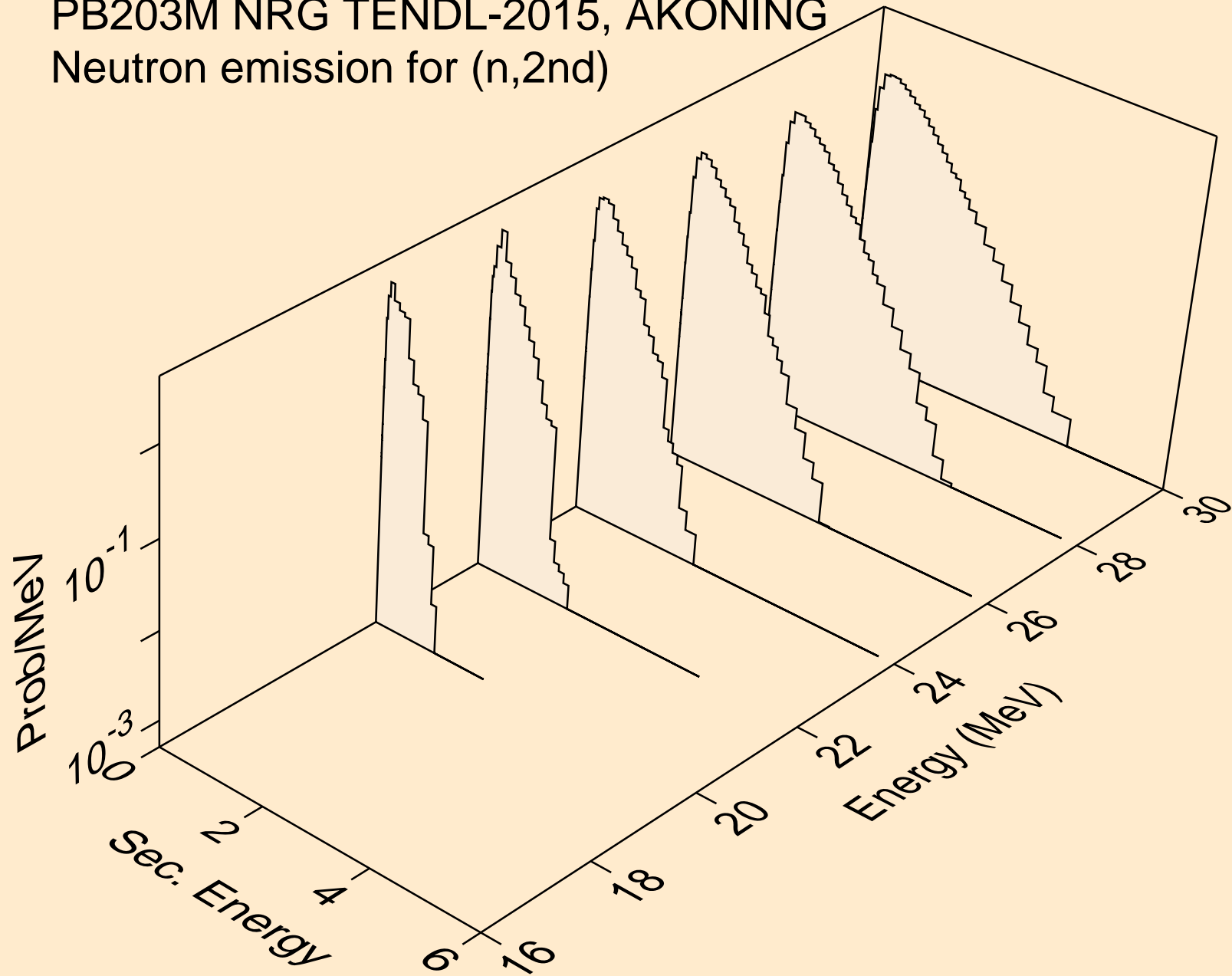




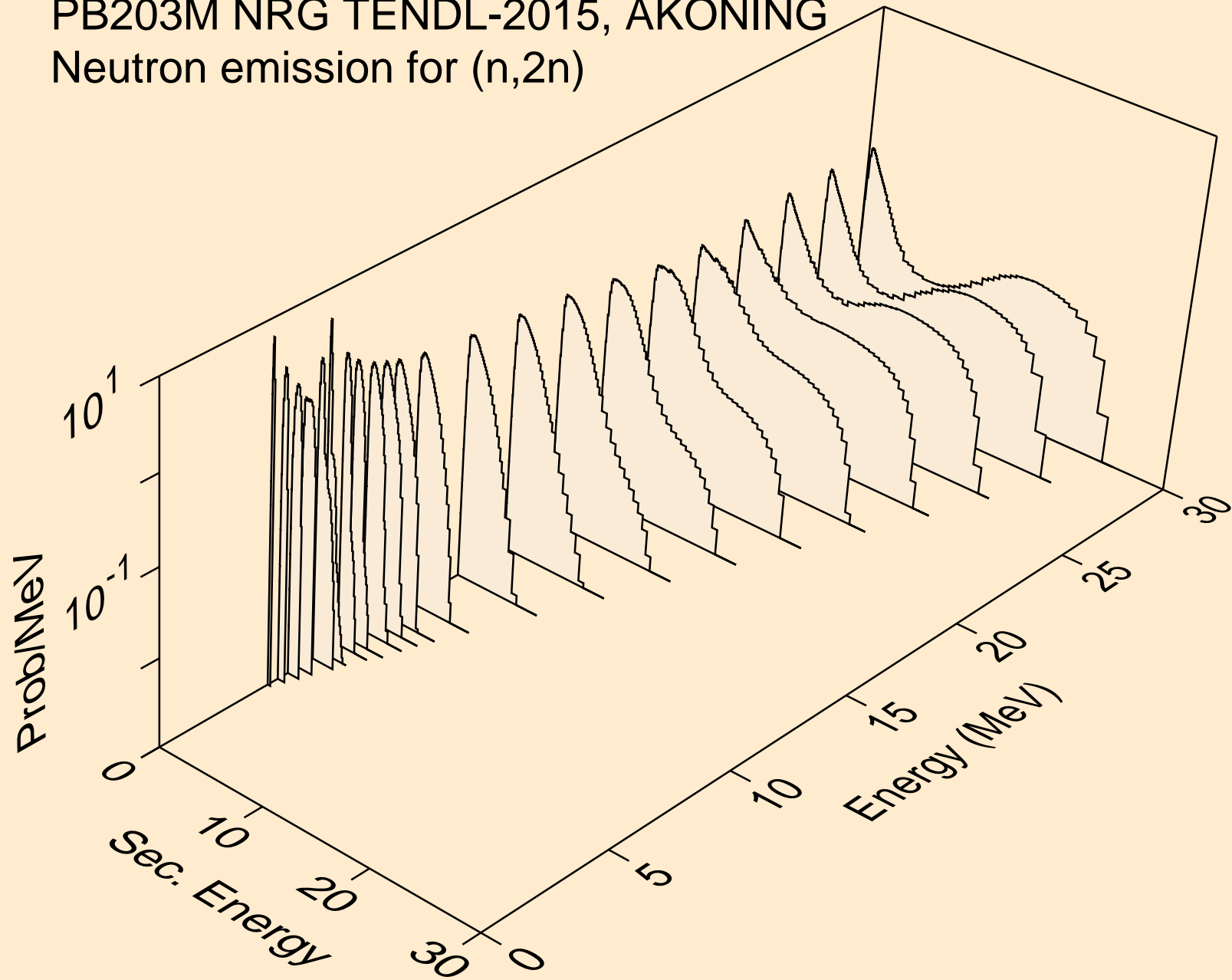
PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



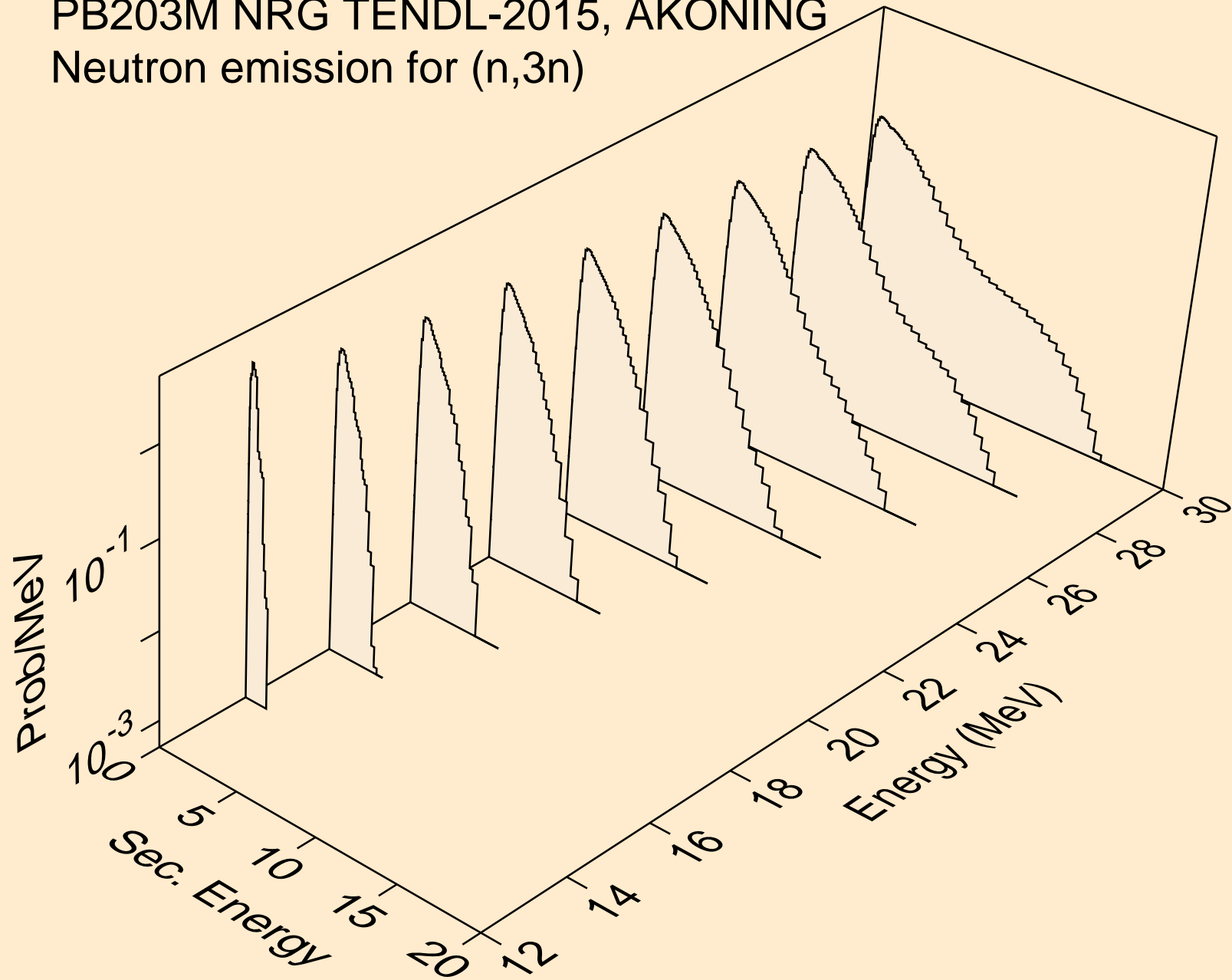
PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



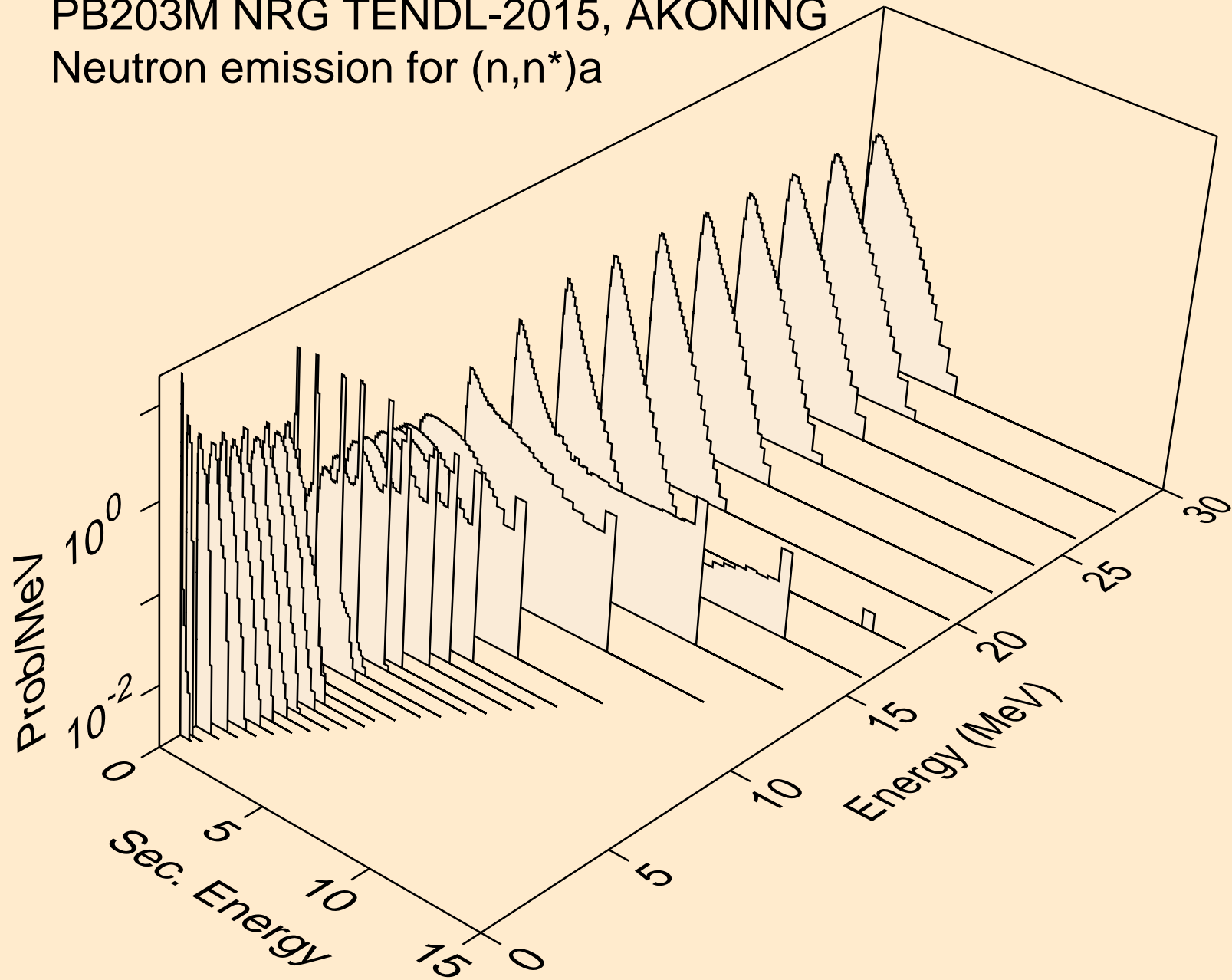
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Neutron emission for (n,2n)



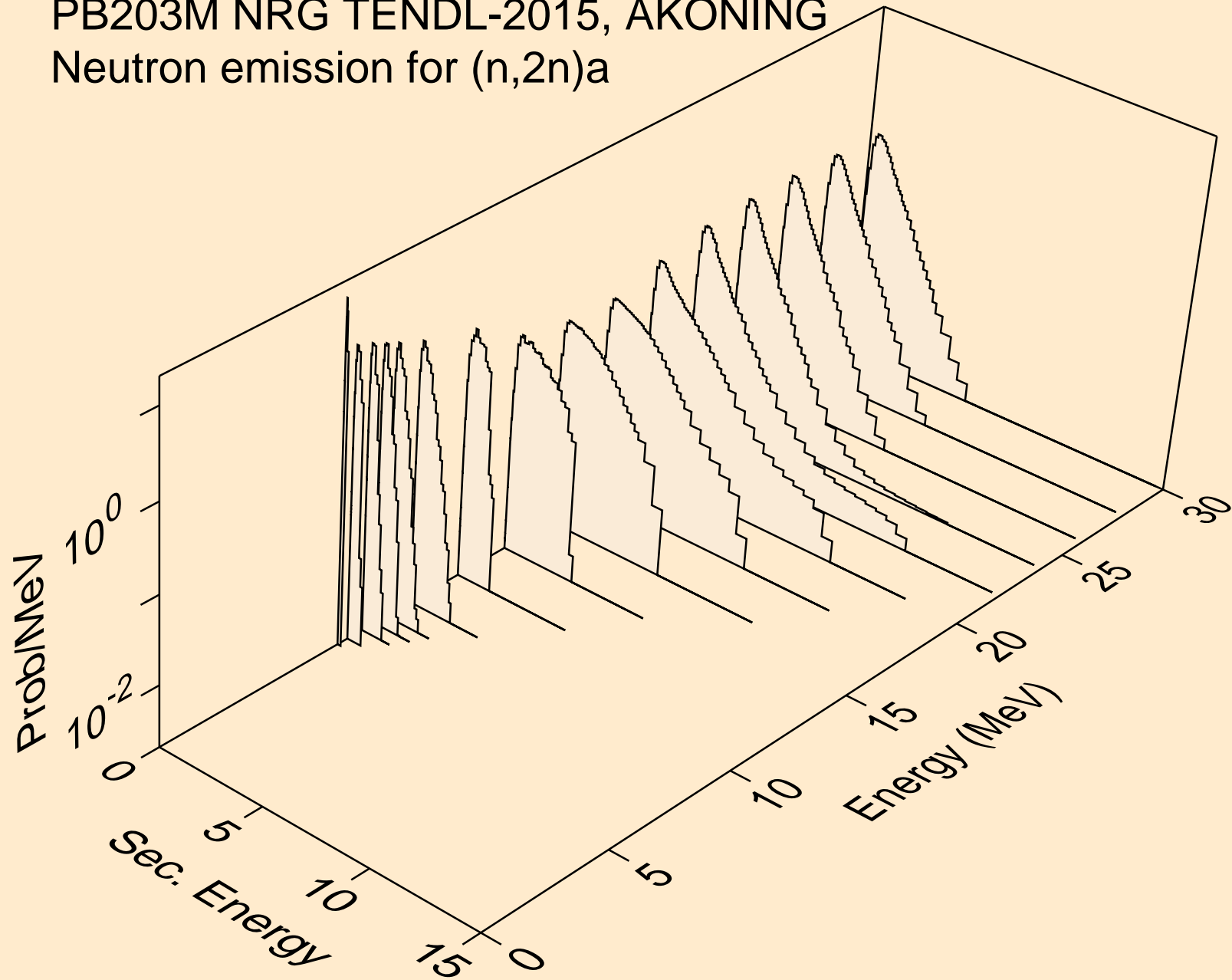
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Neutron emission for (n,3n)



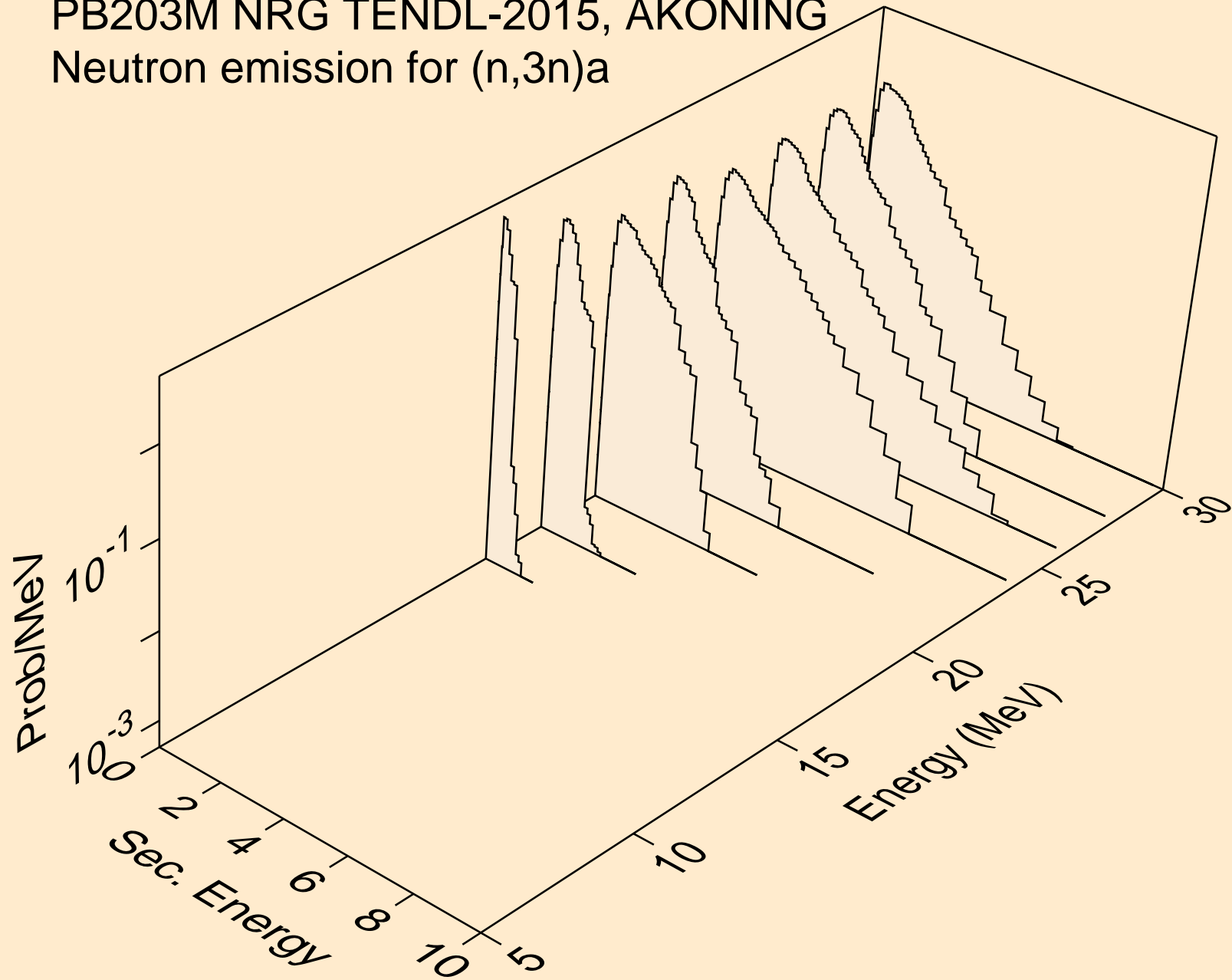
PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



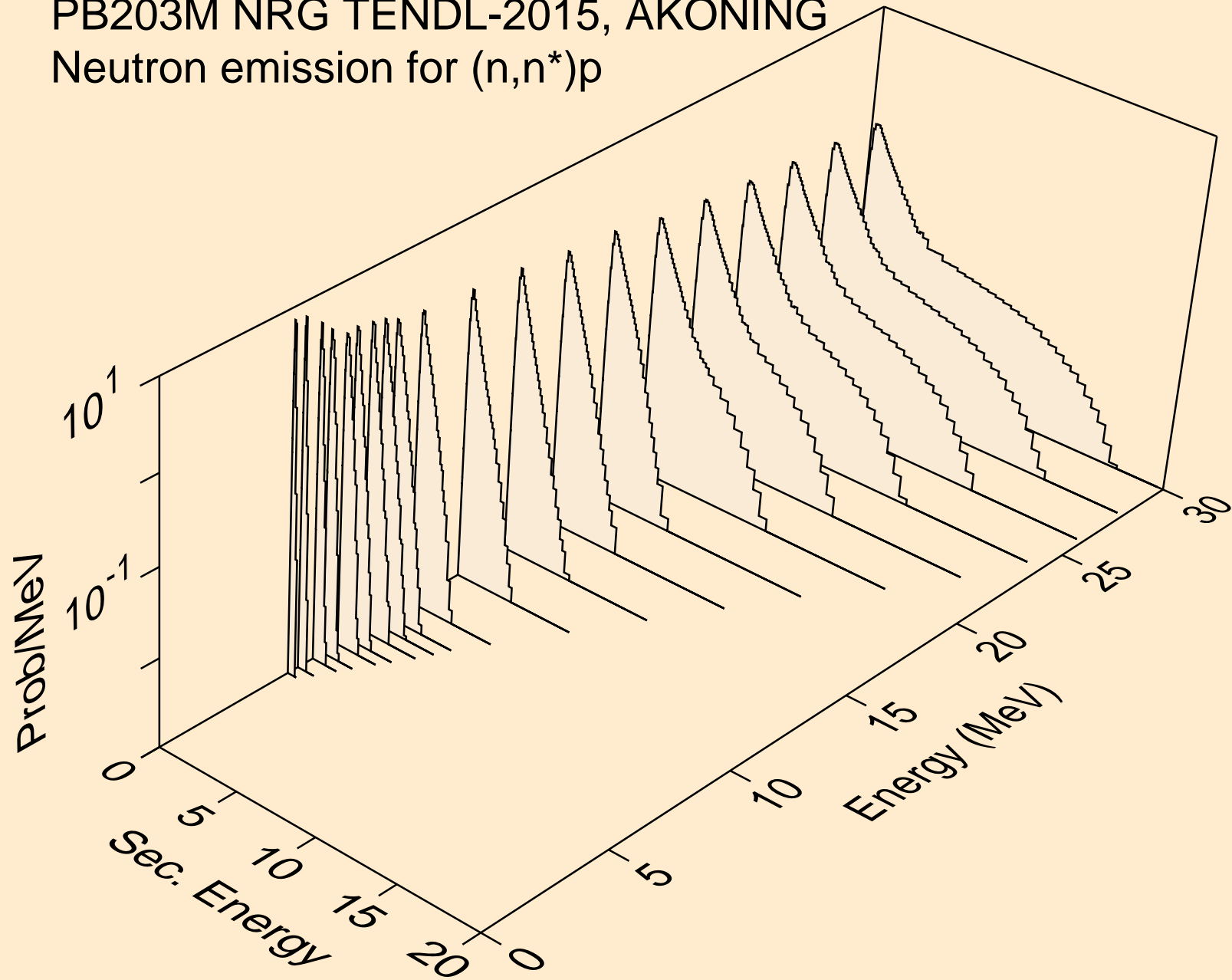
PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)<sub>a</sub>

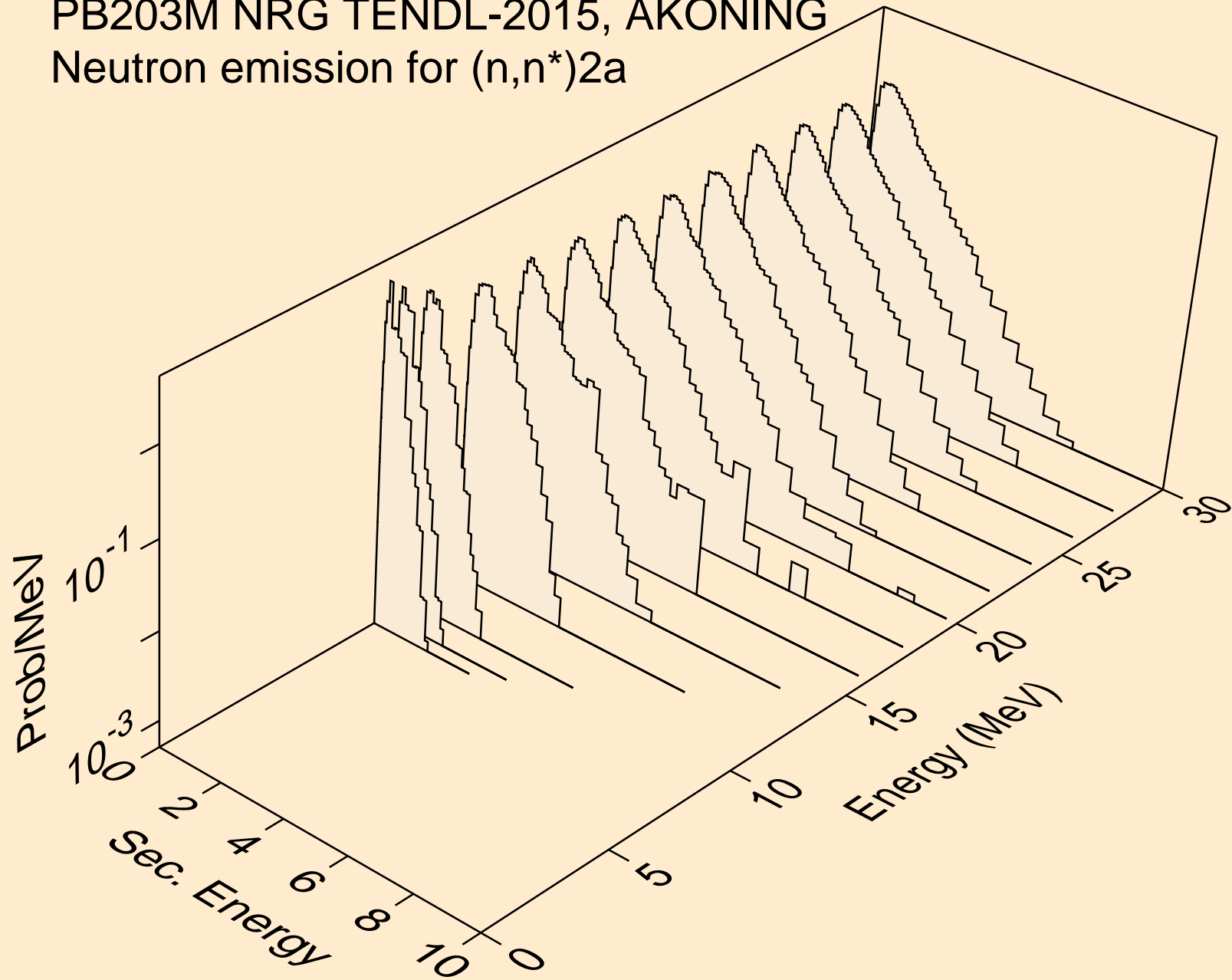


PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

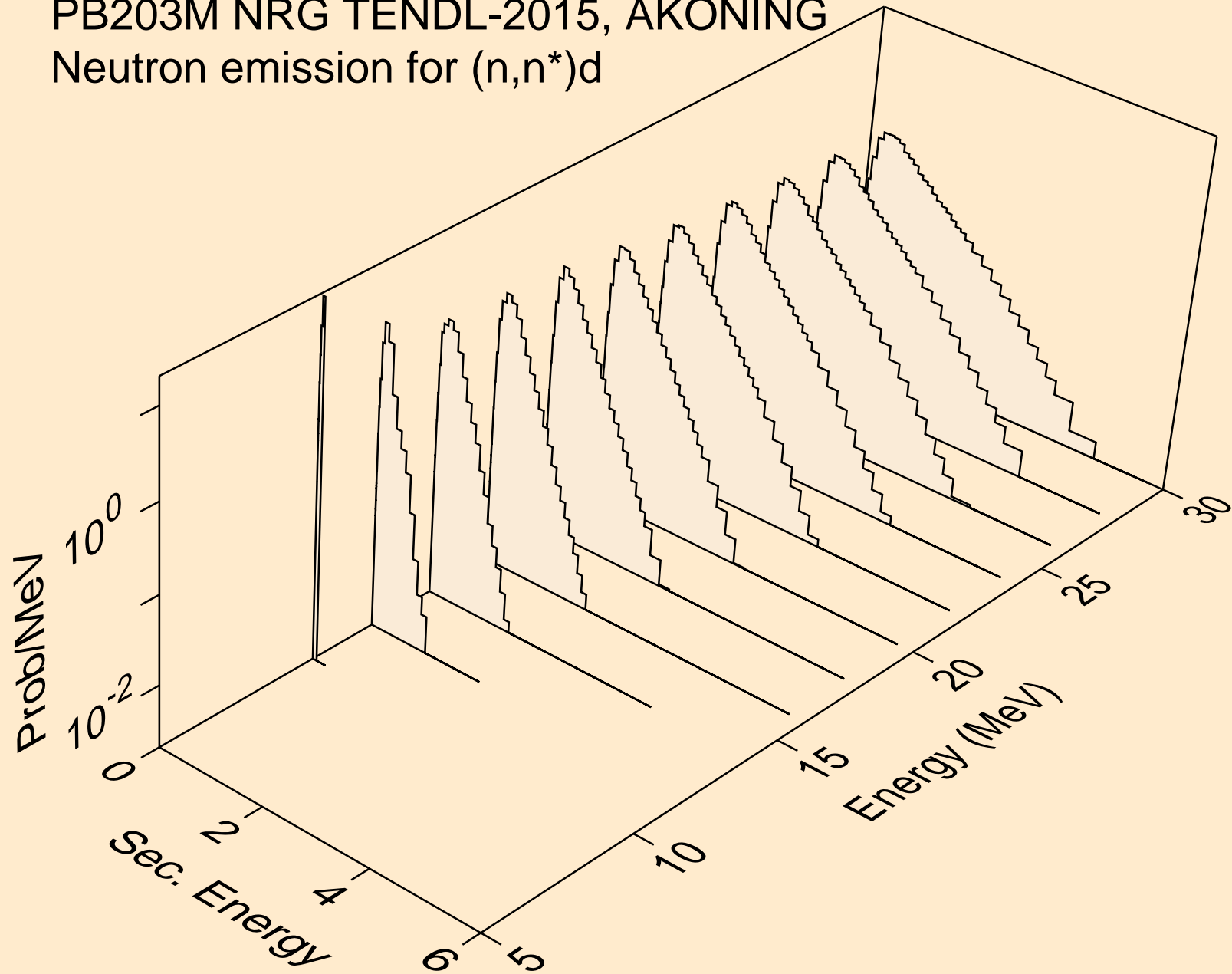




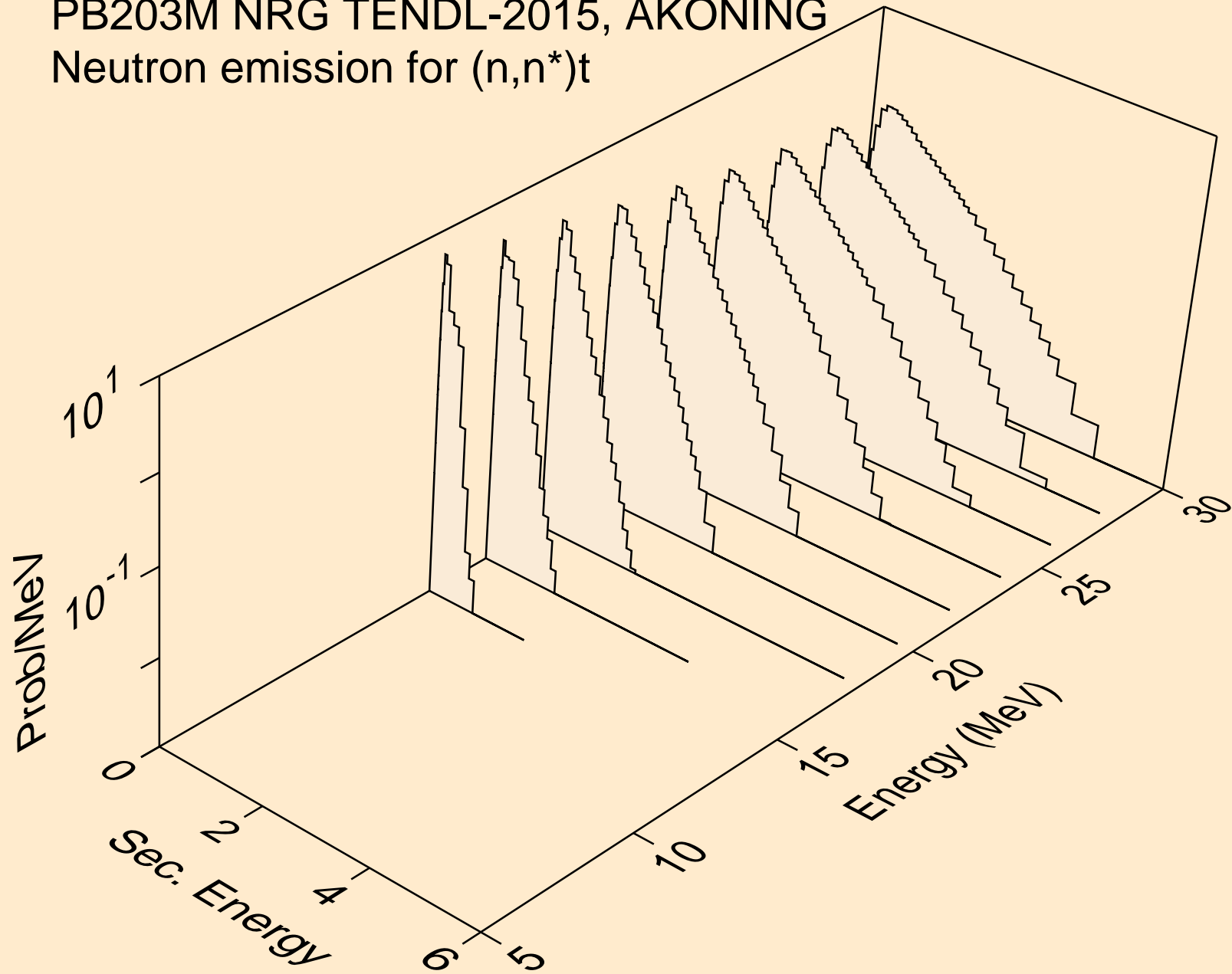
PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



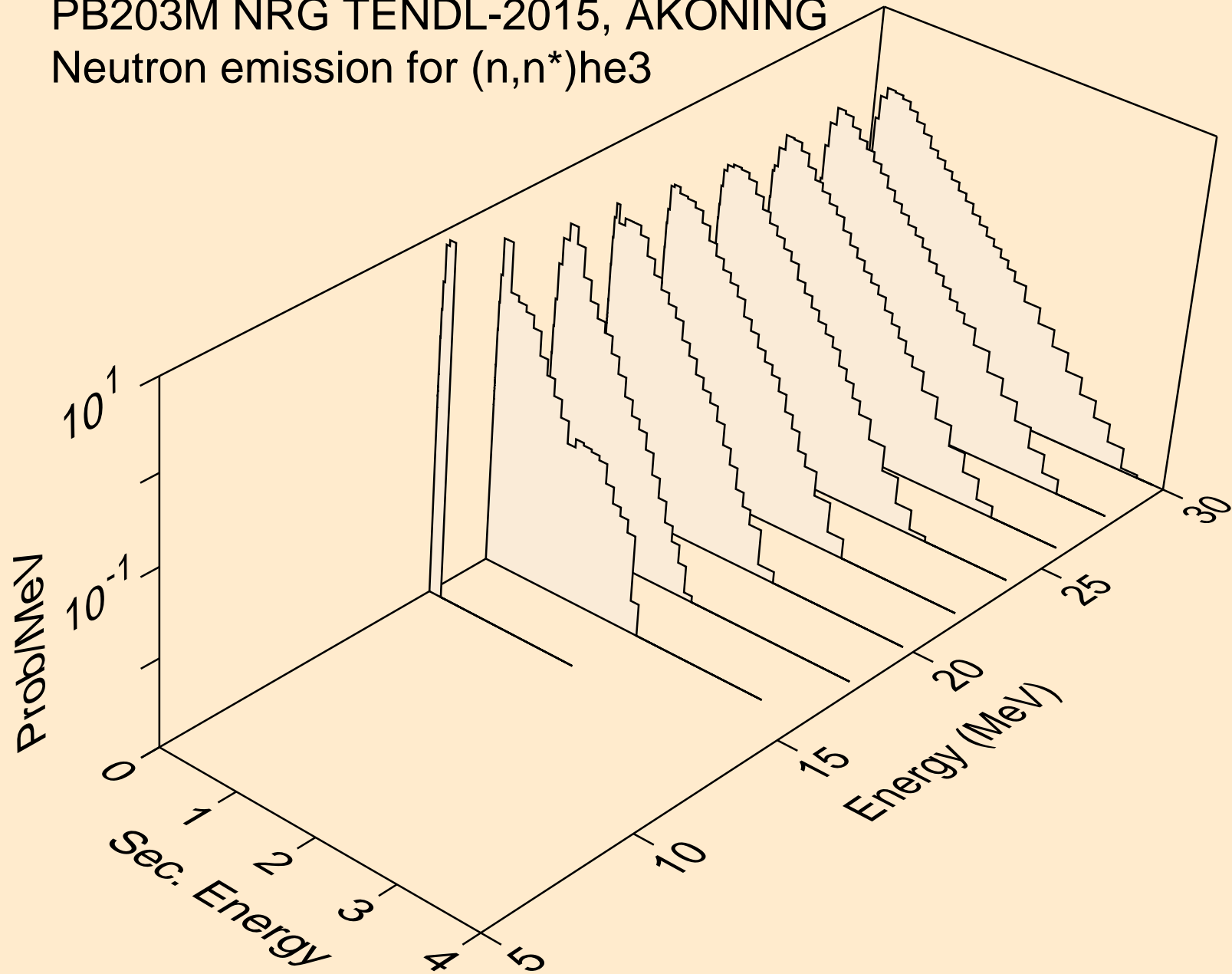
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Neutron emission for (n,n\*)d



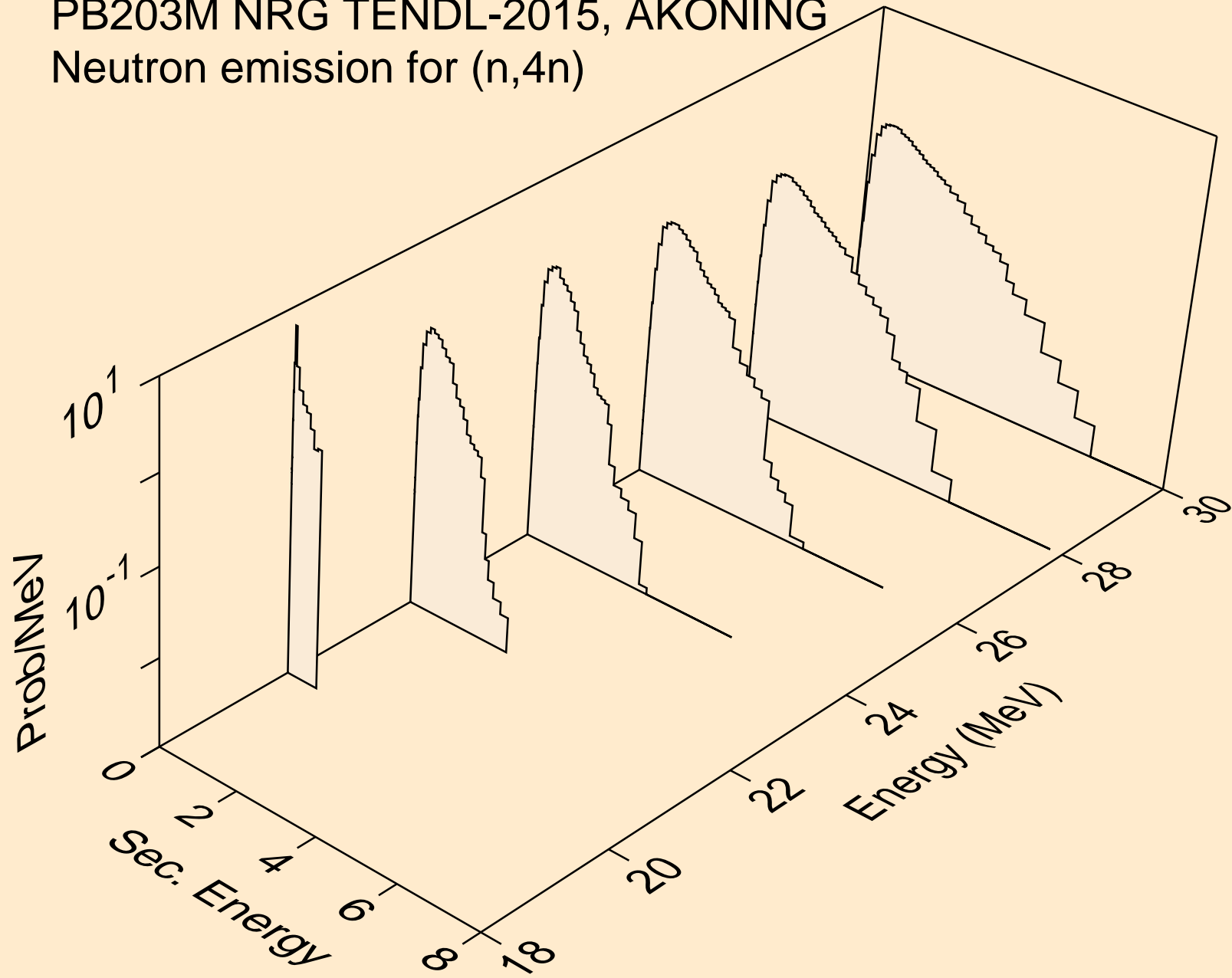
PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



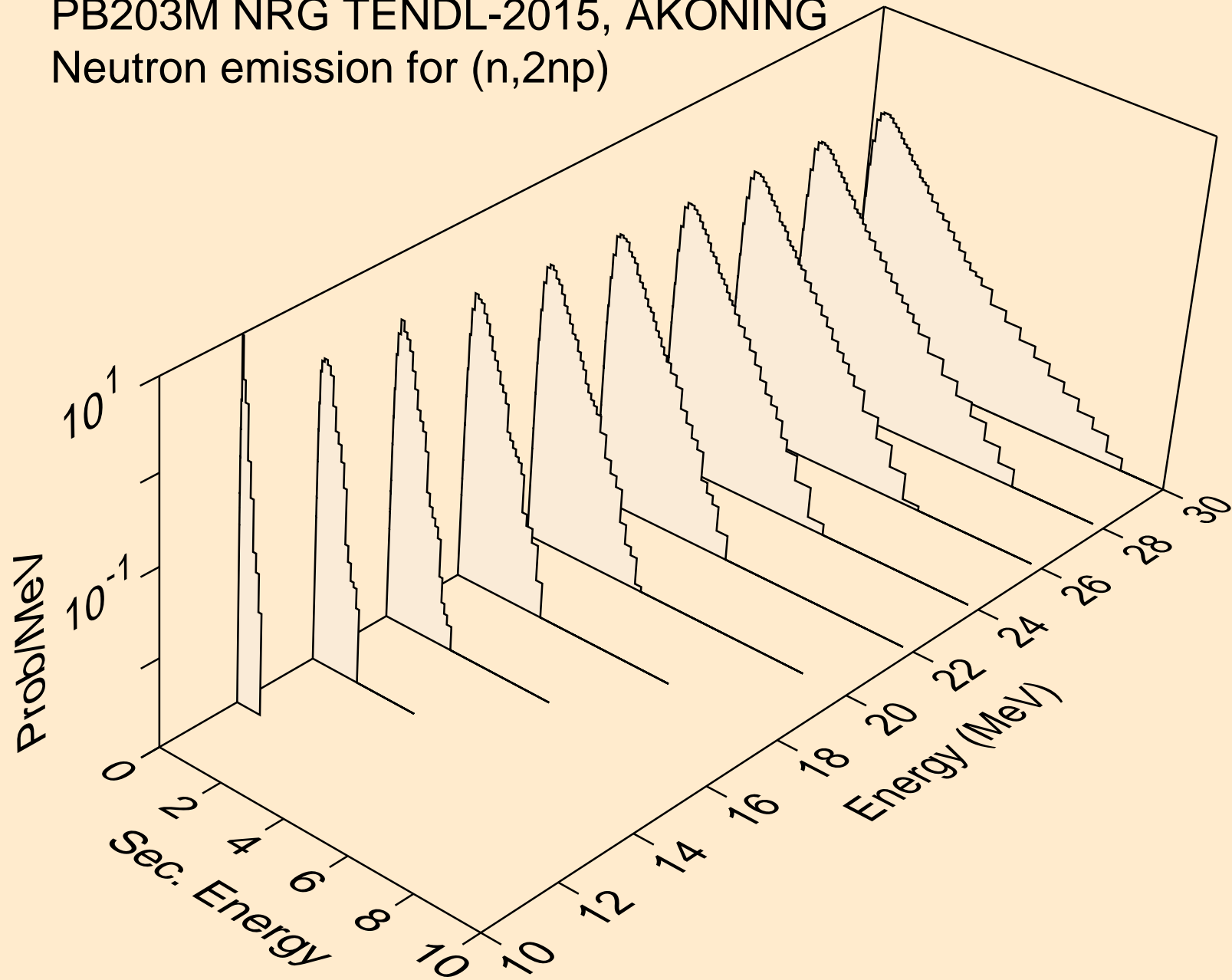
PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



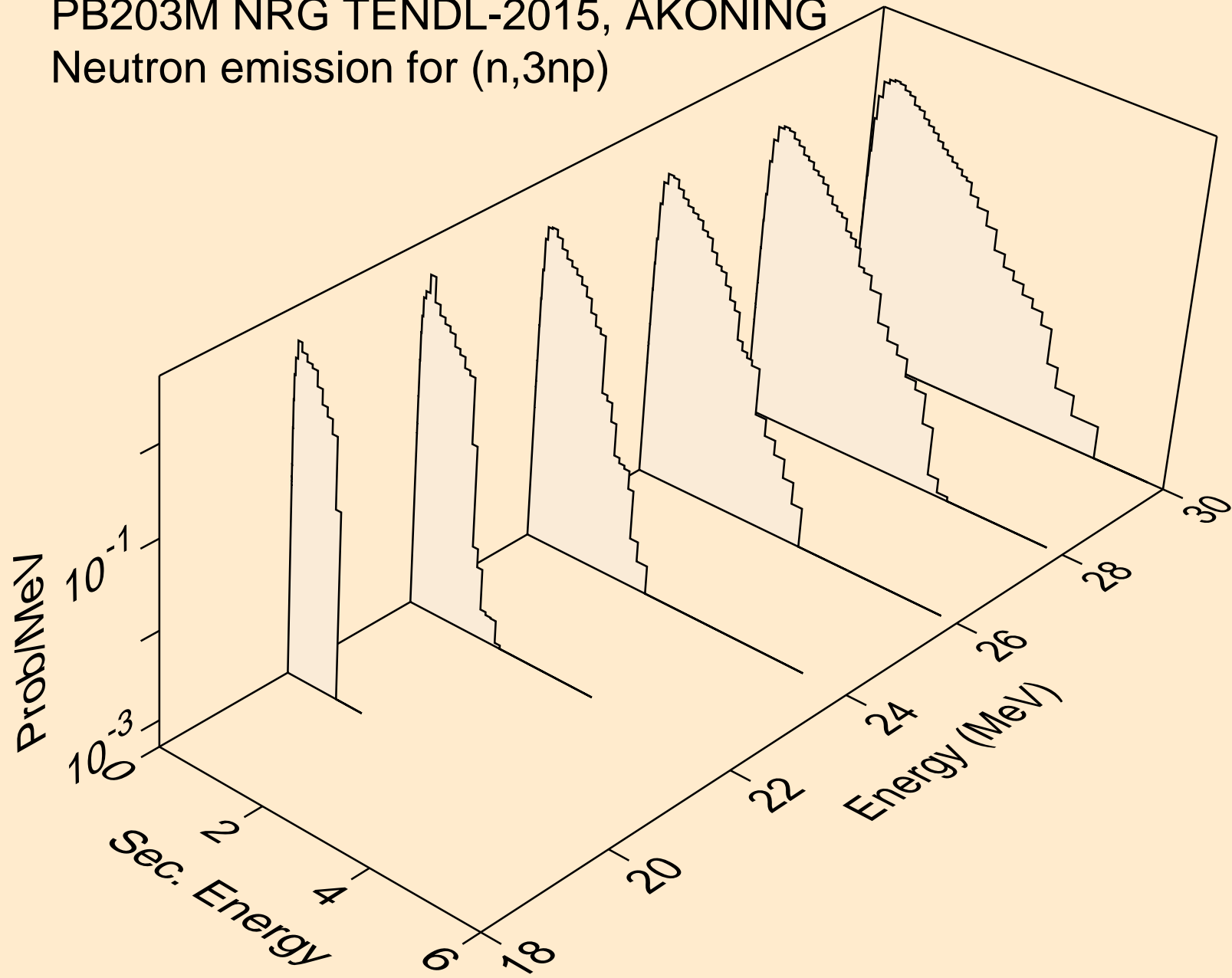
PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



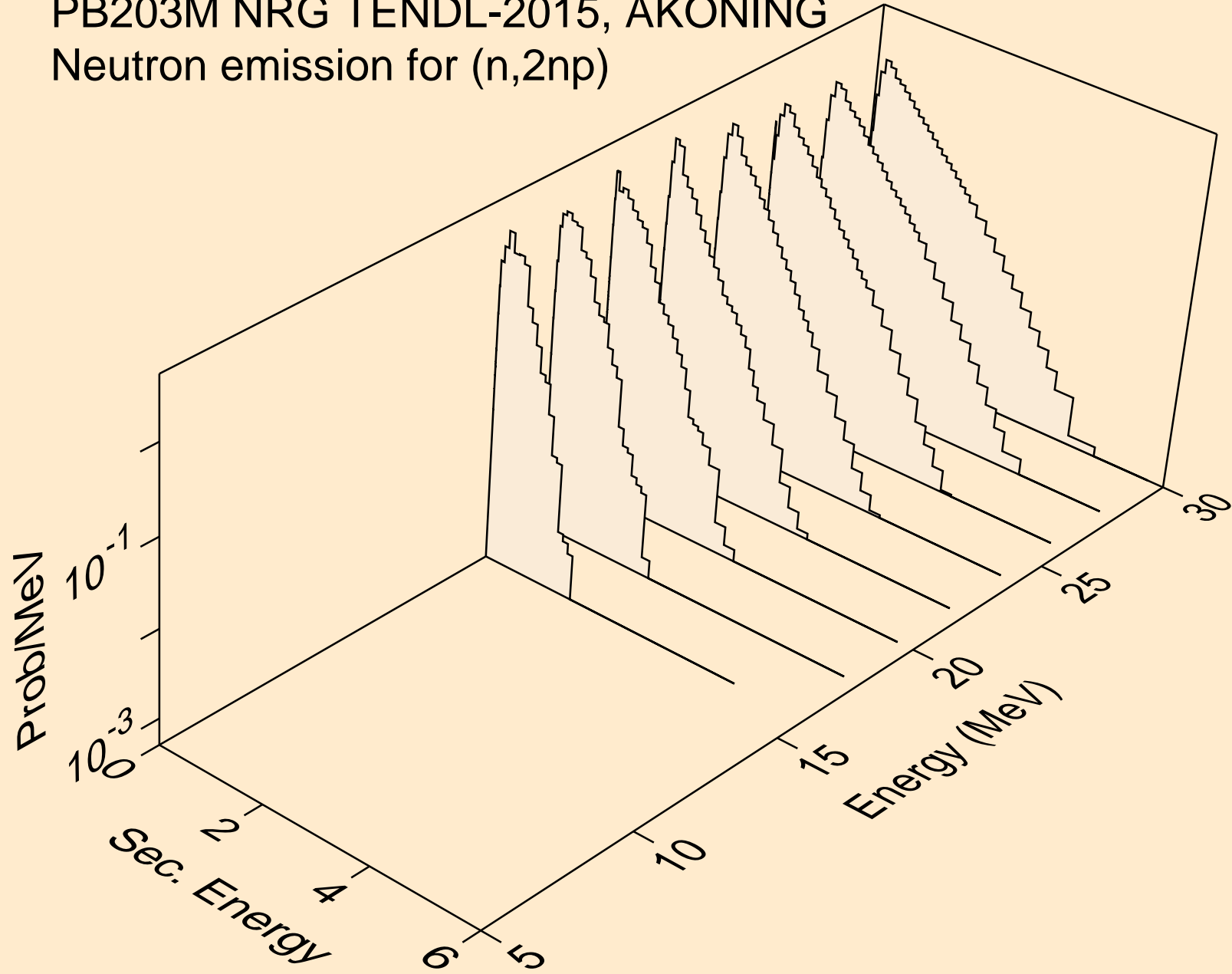
PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

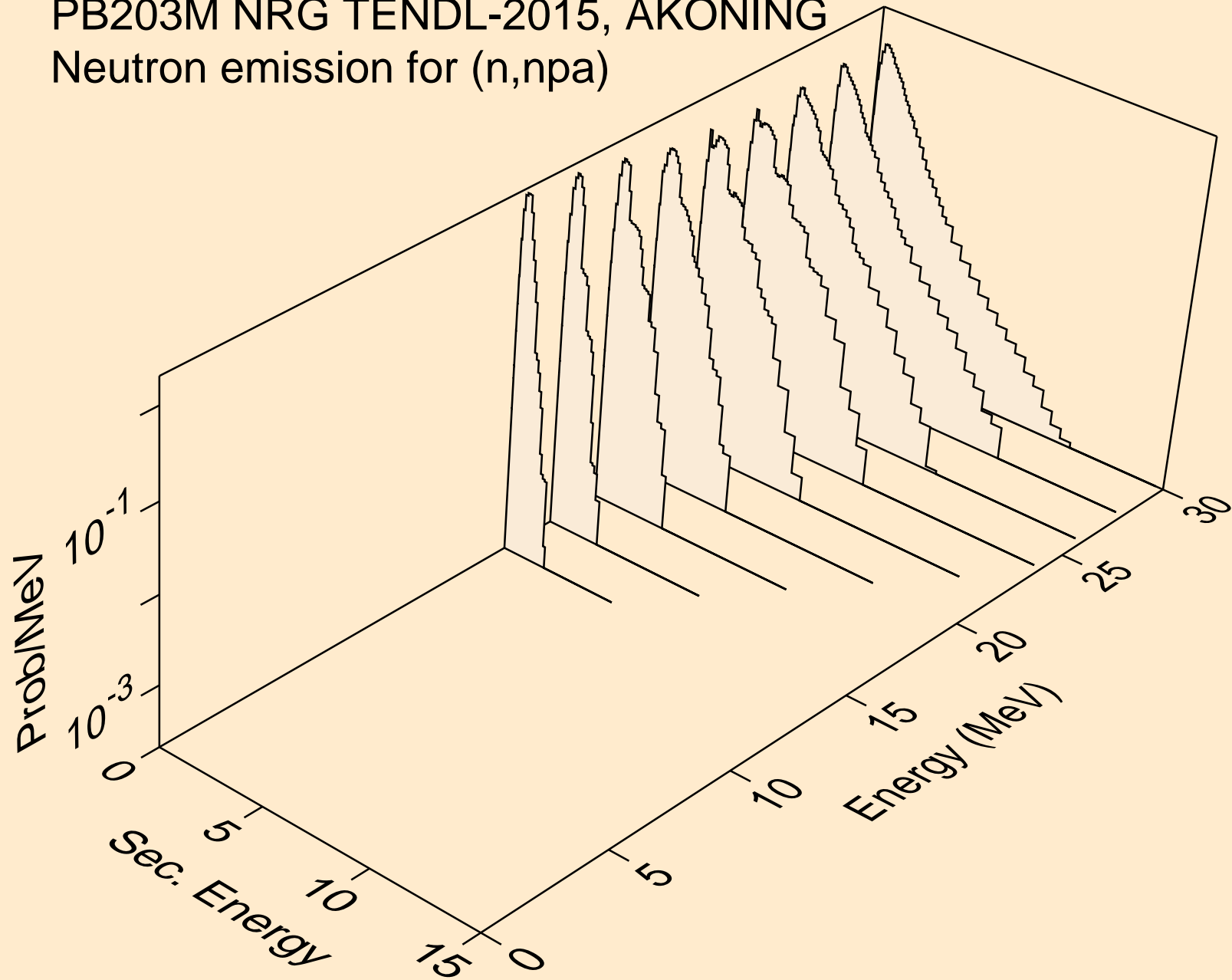


PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

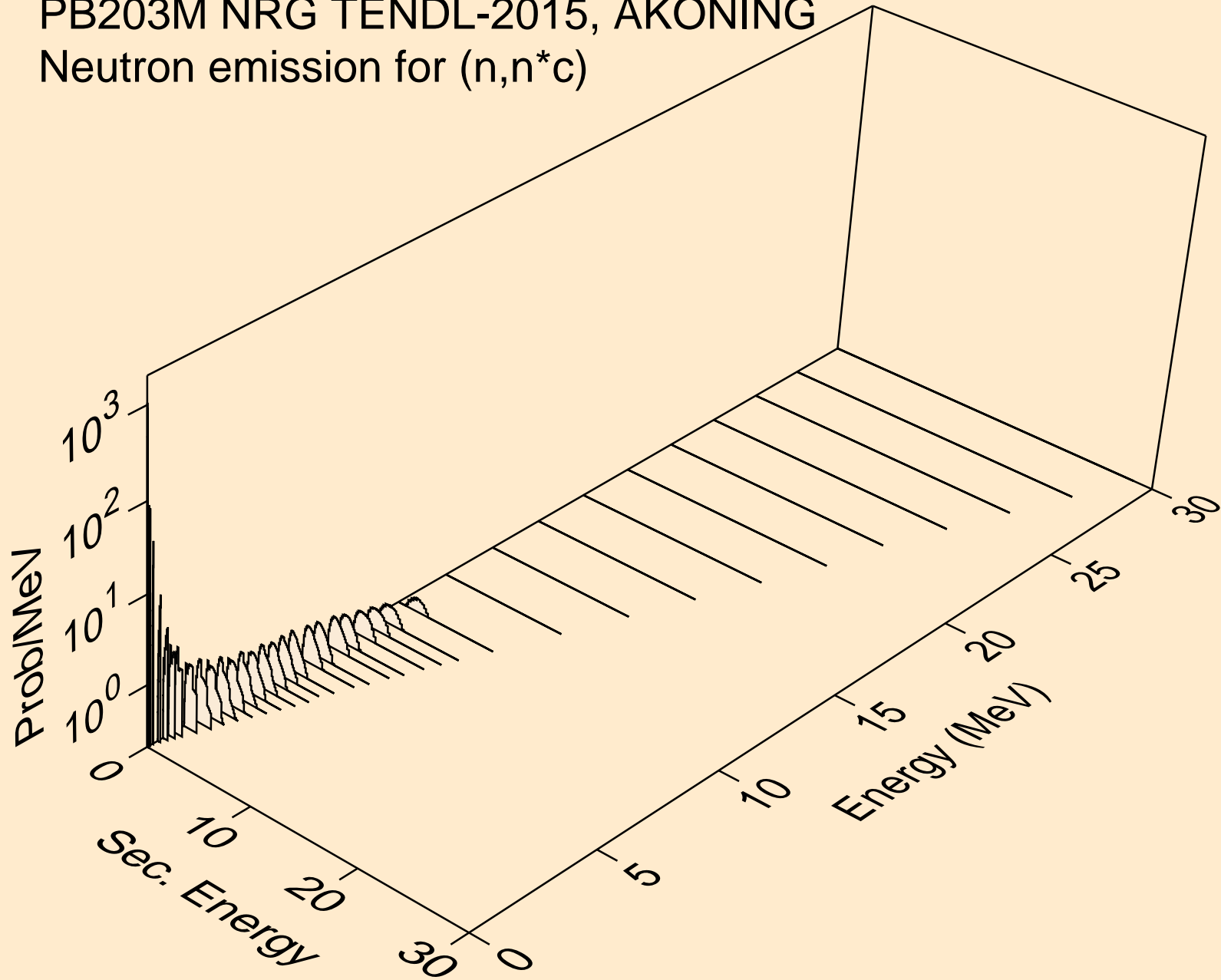




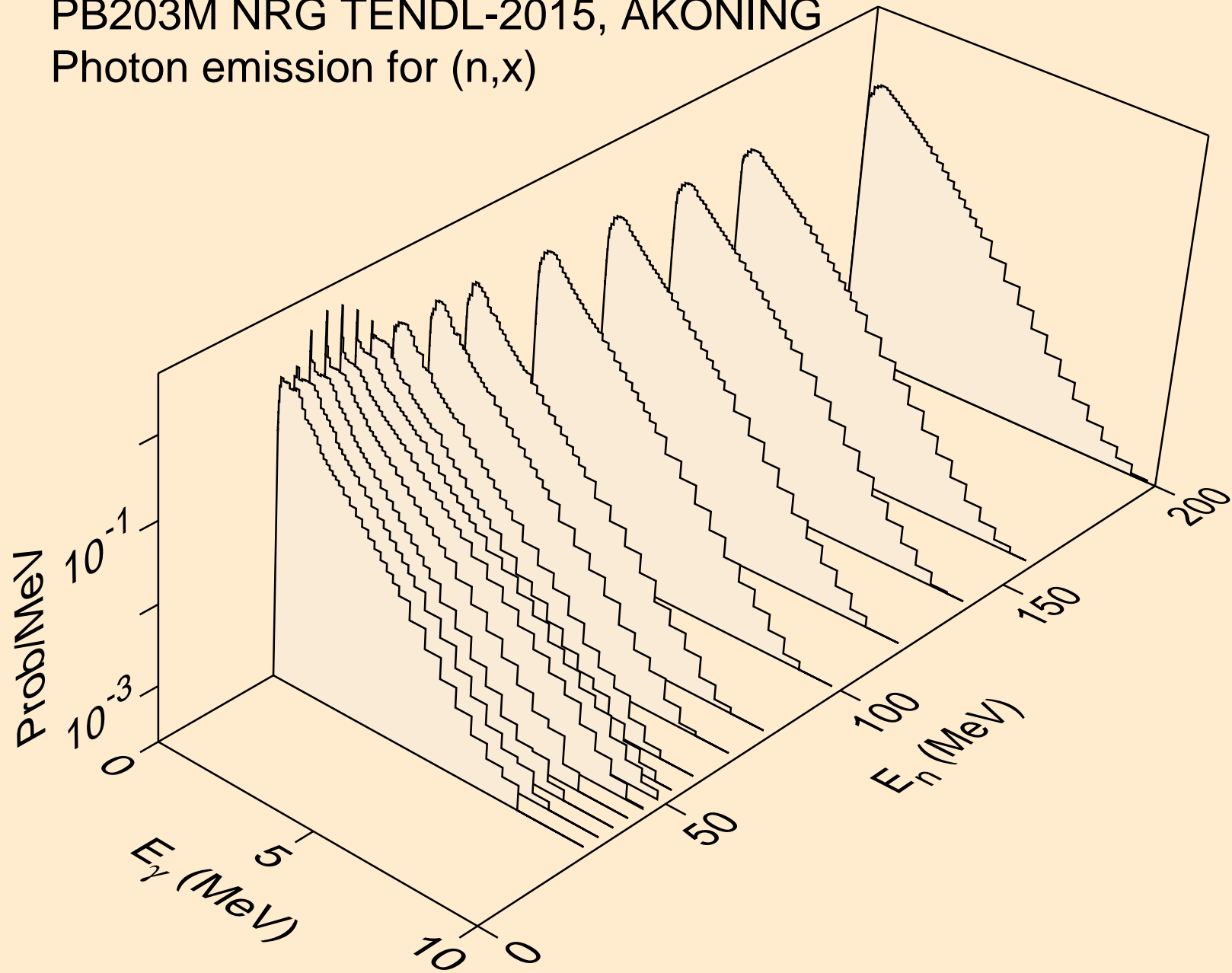
PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



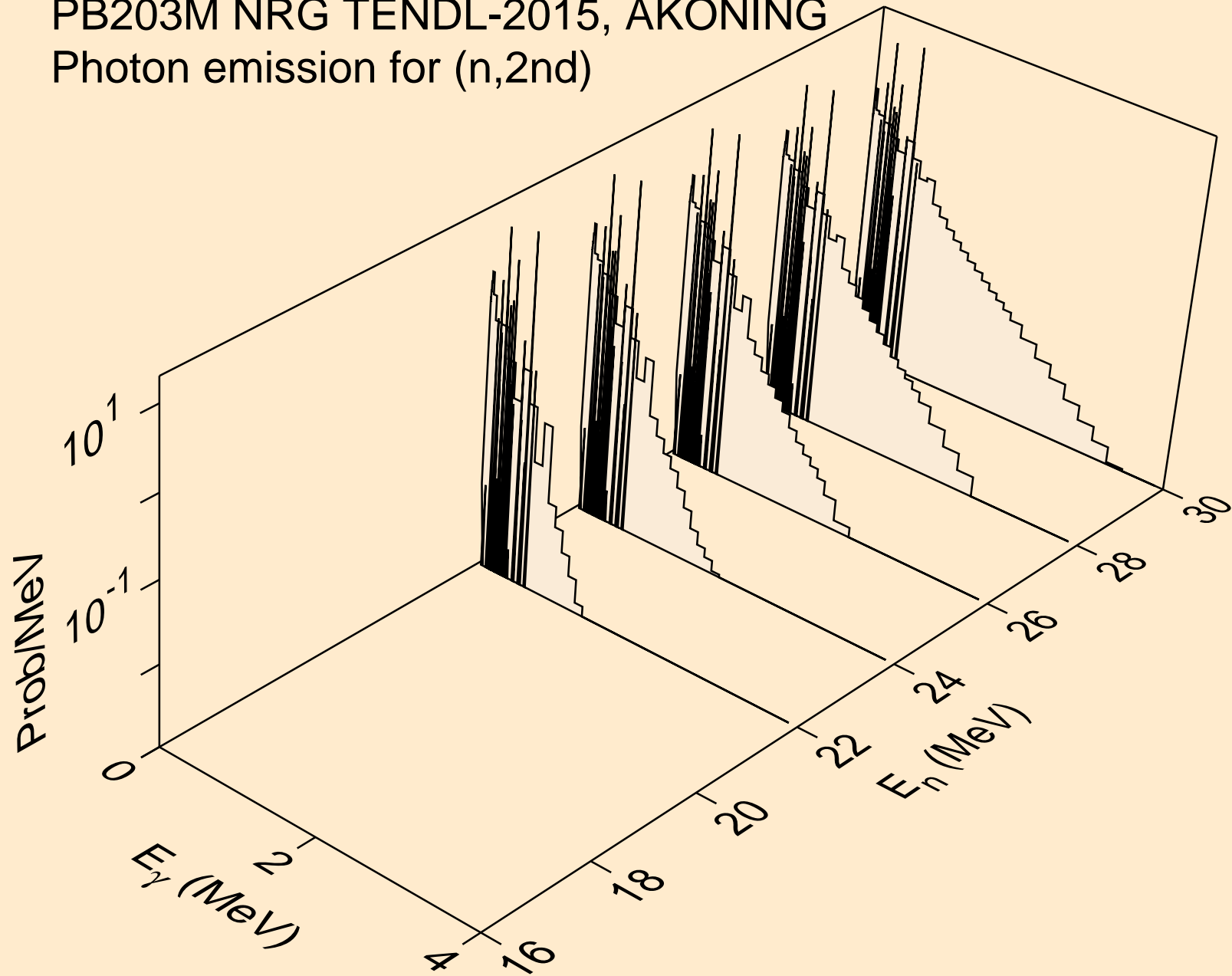
PB203M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



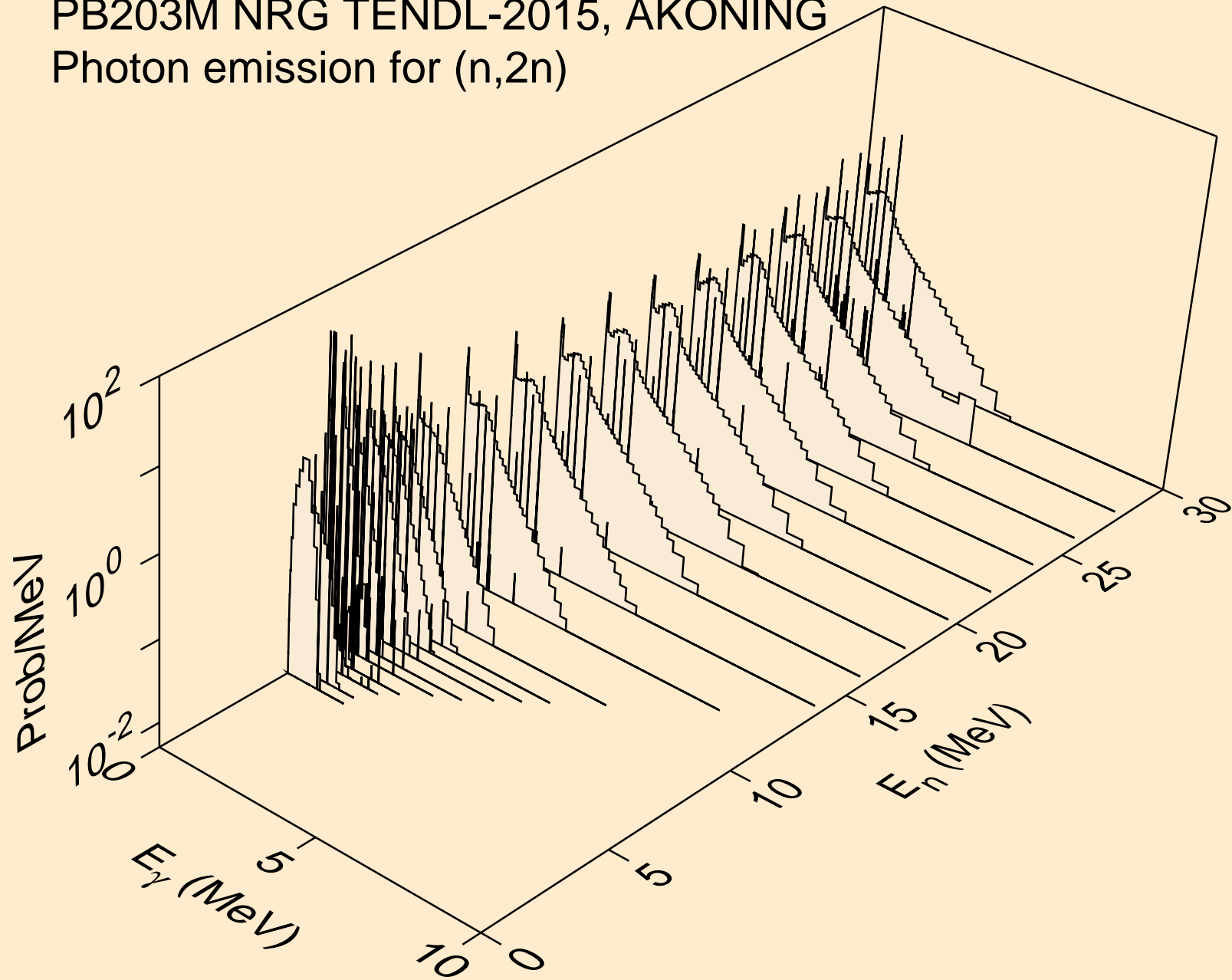
PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



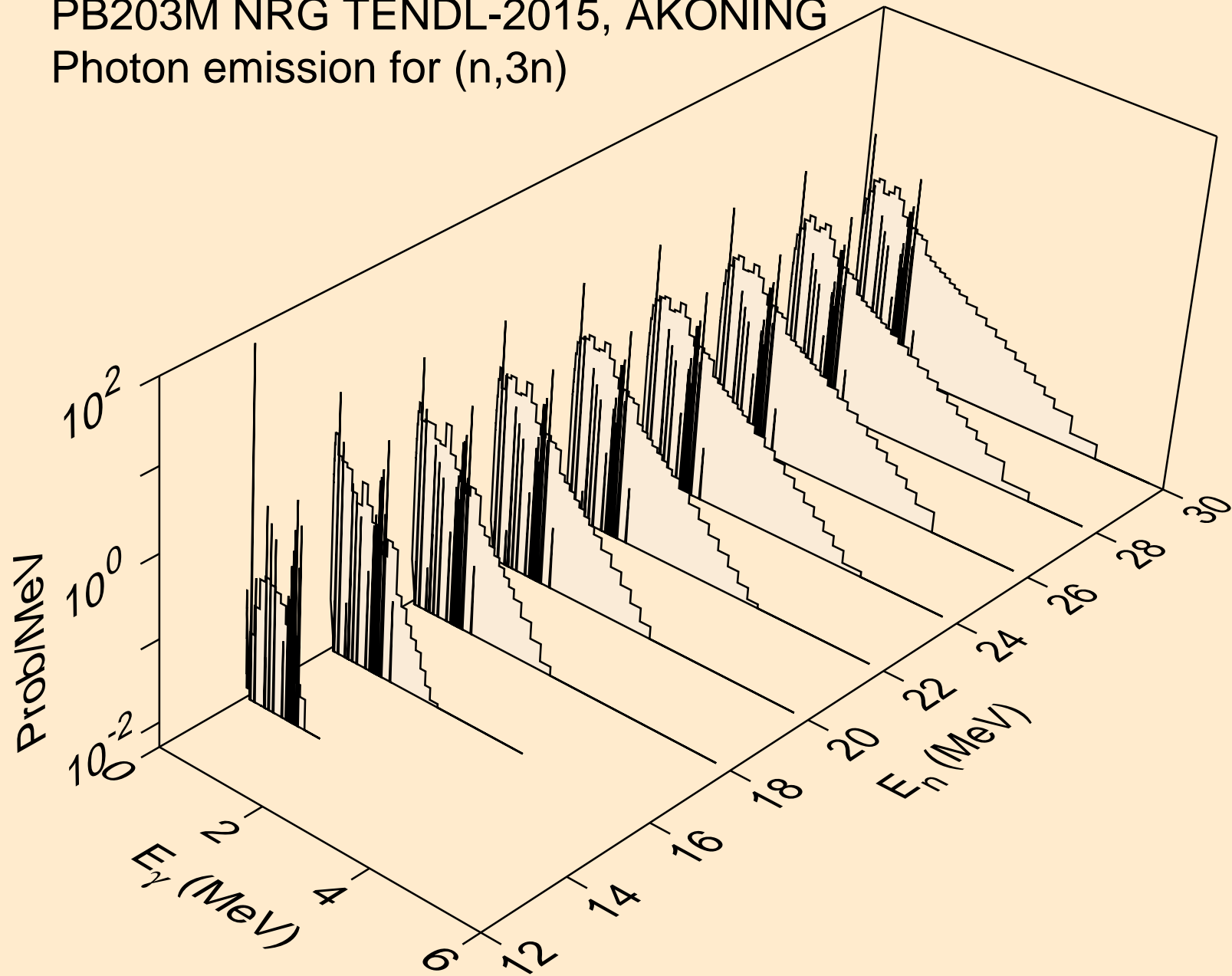
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Photon emission for (n,2nd)



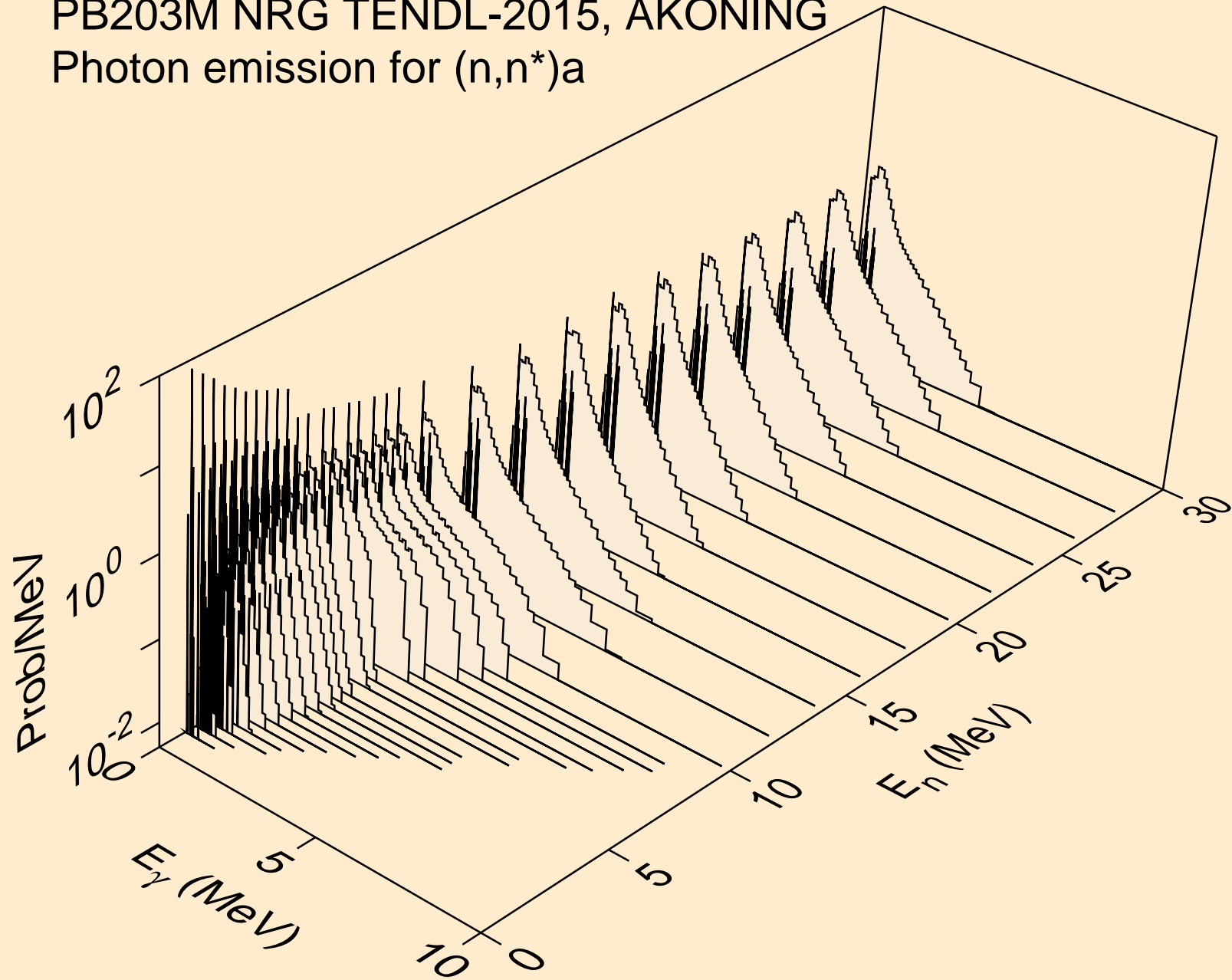
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Photon emission for (n,2n)



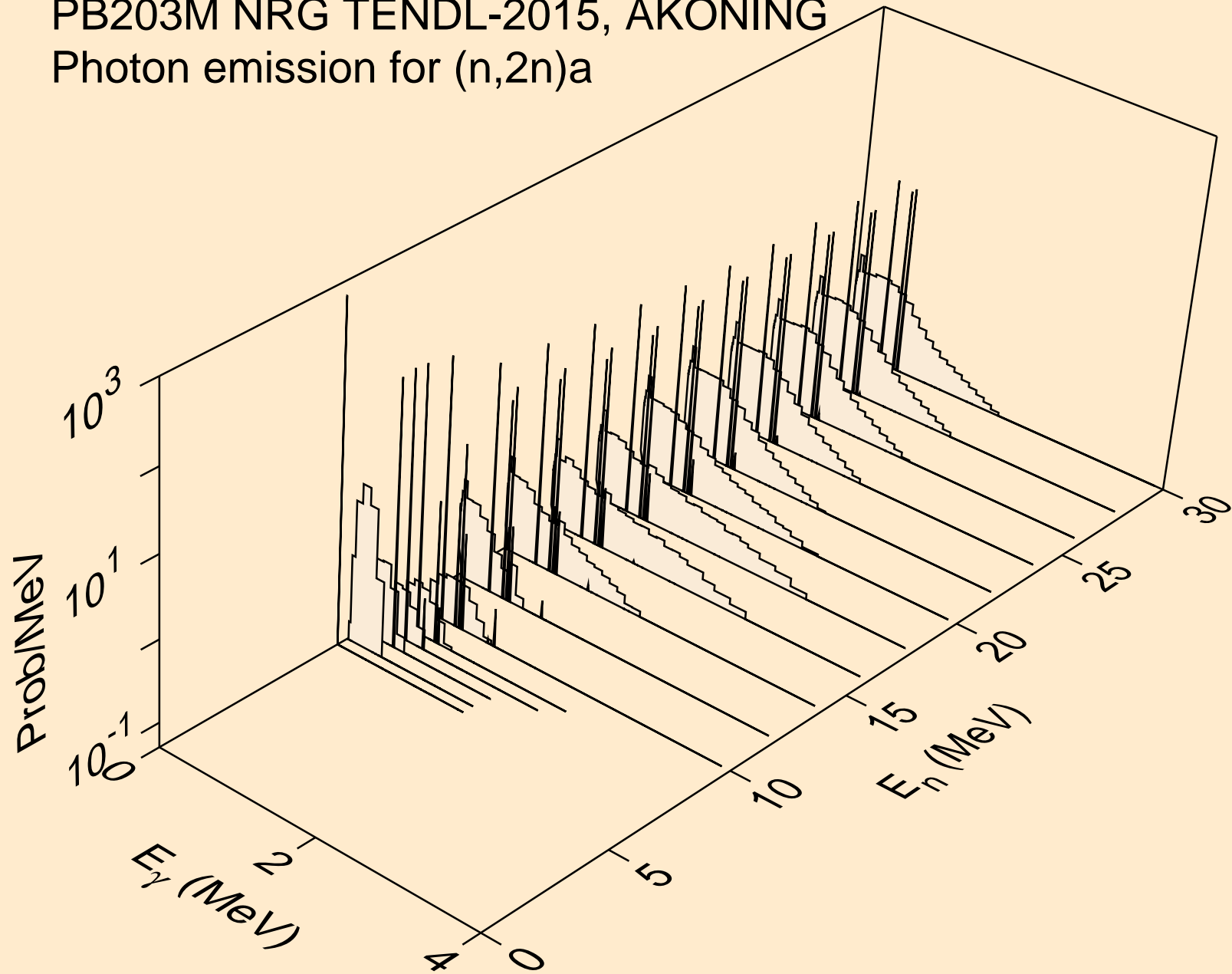
PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

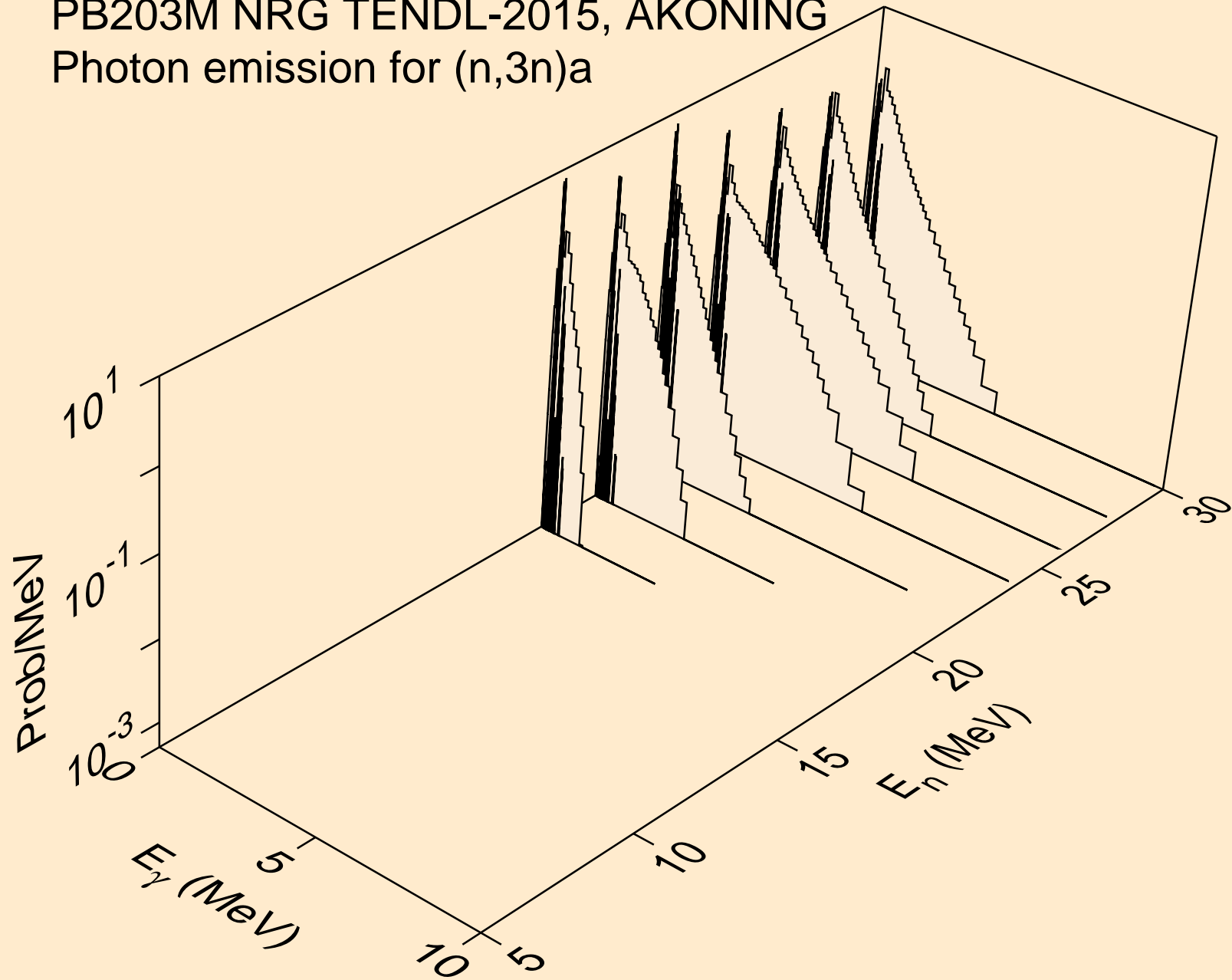


PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,2n) $\alpha$

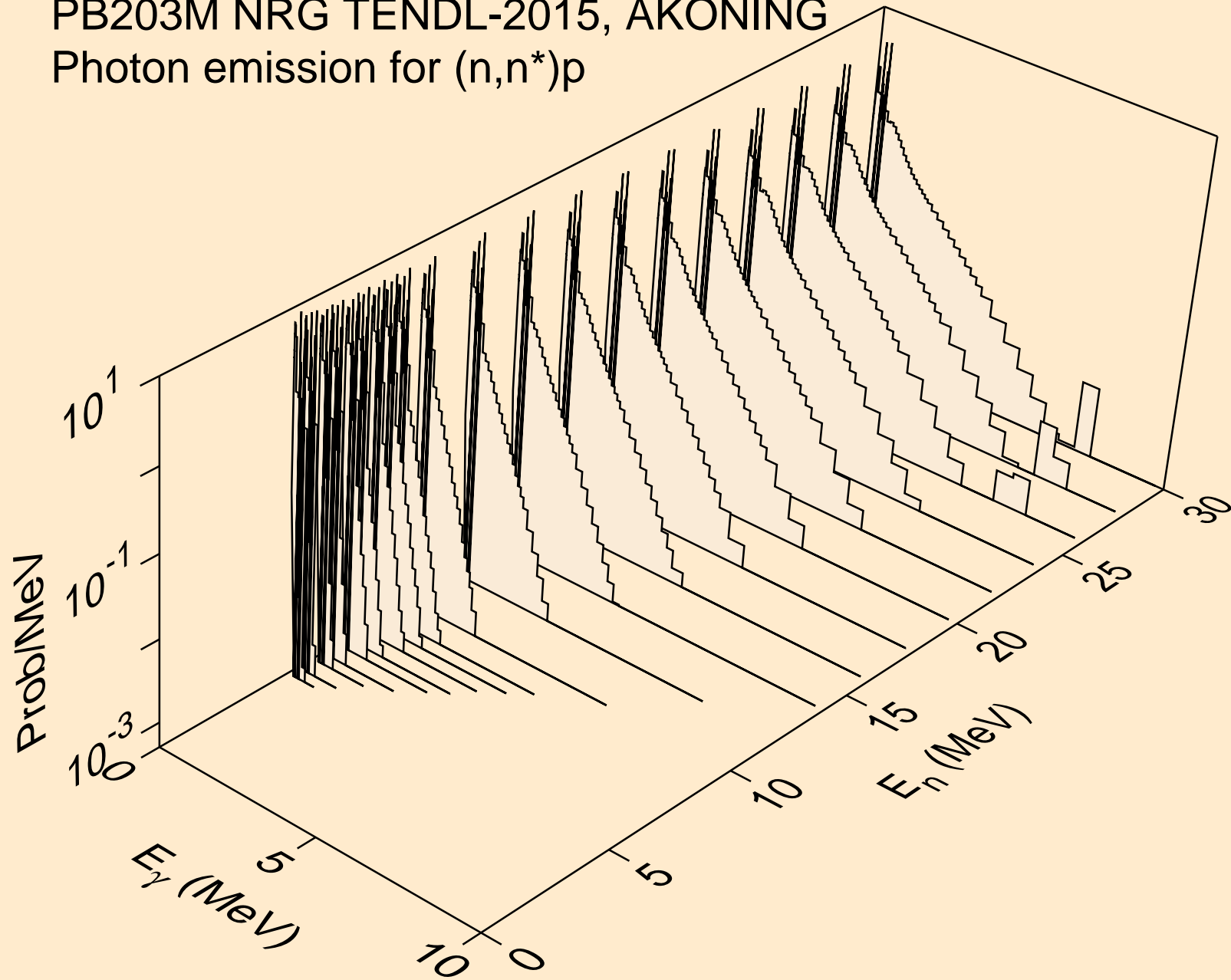




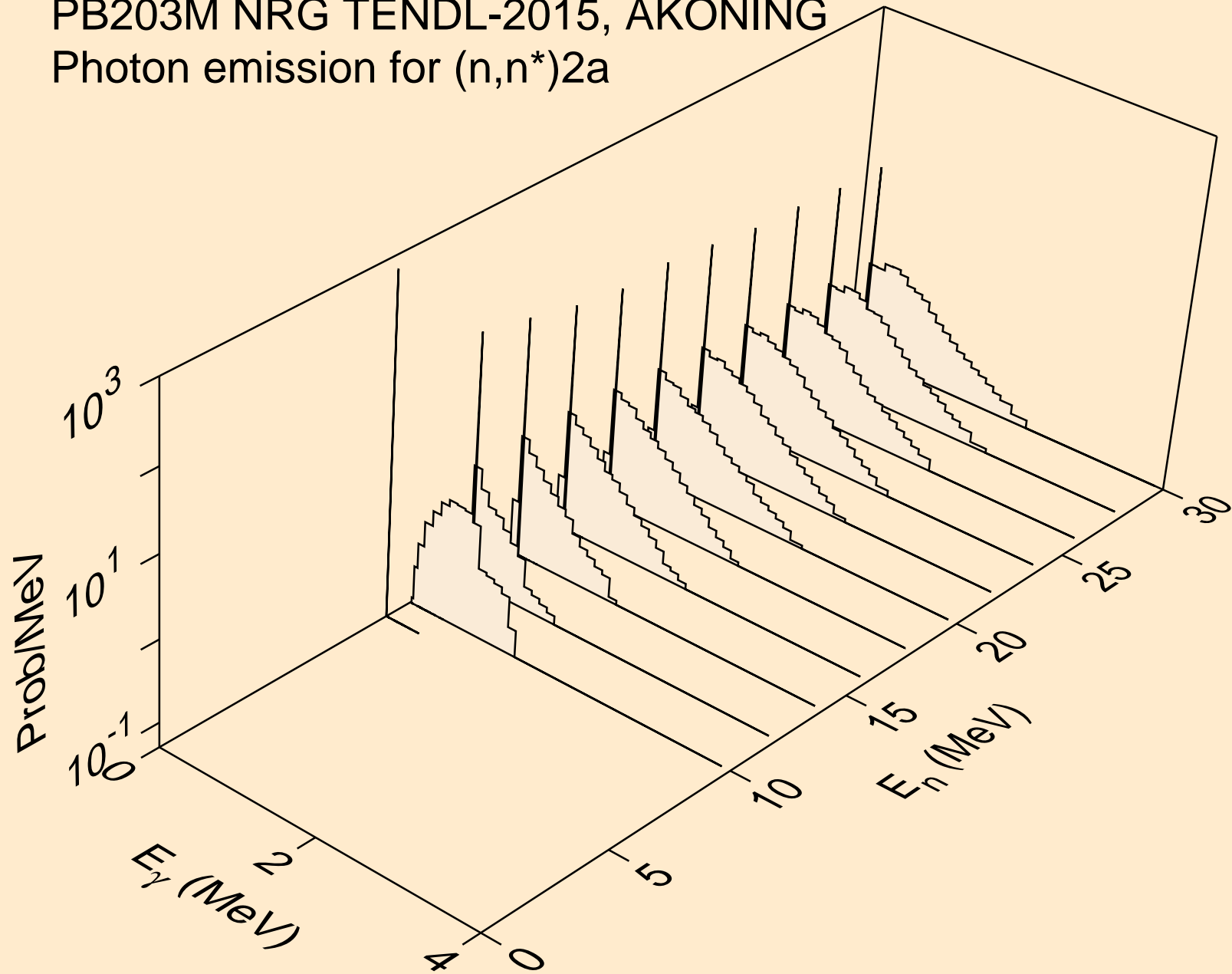
PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



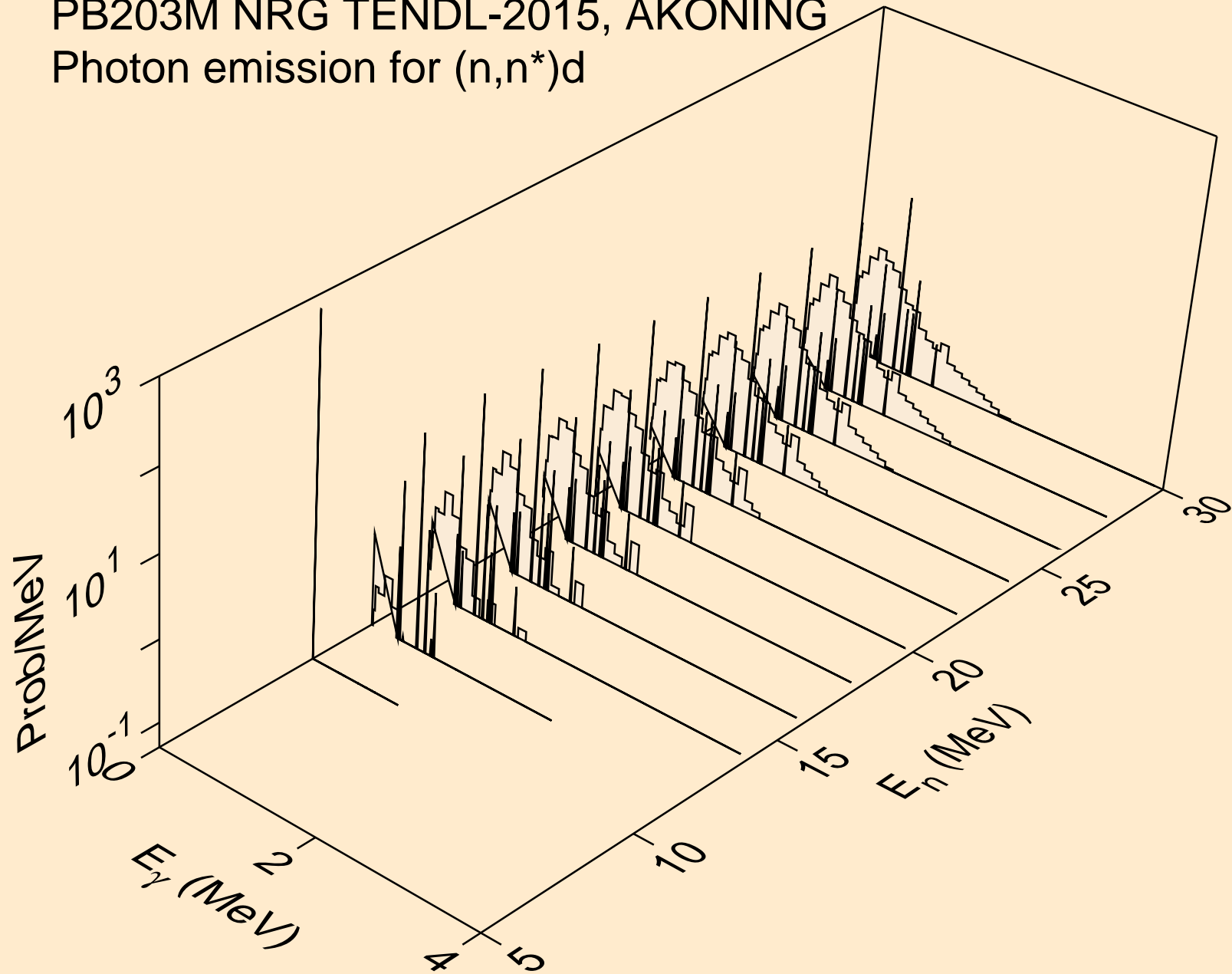
PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



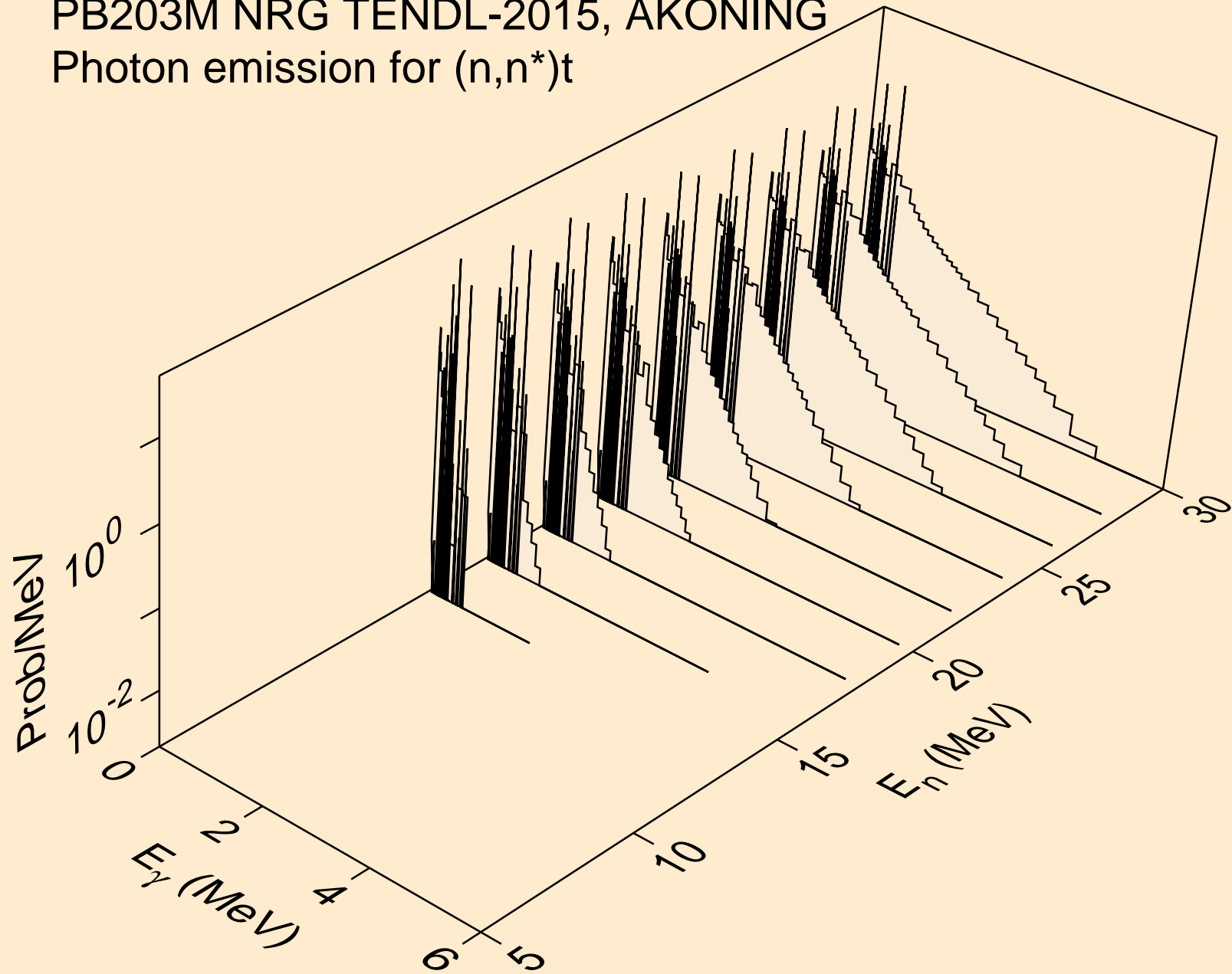
PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



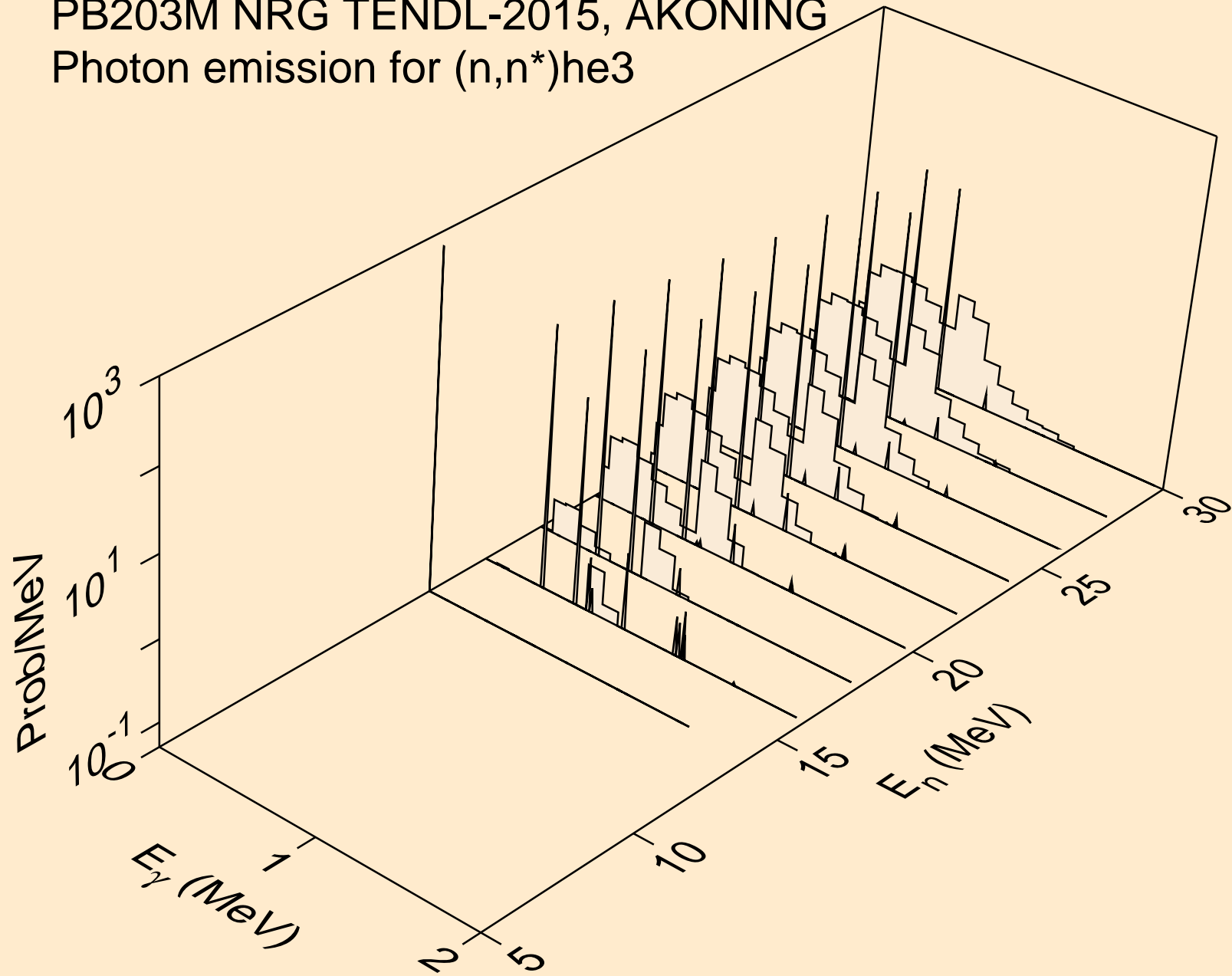
PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



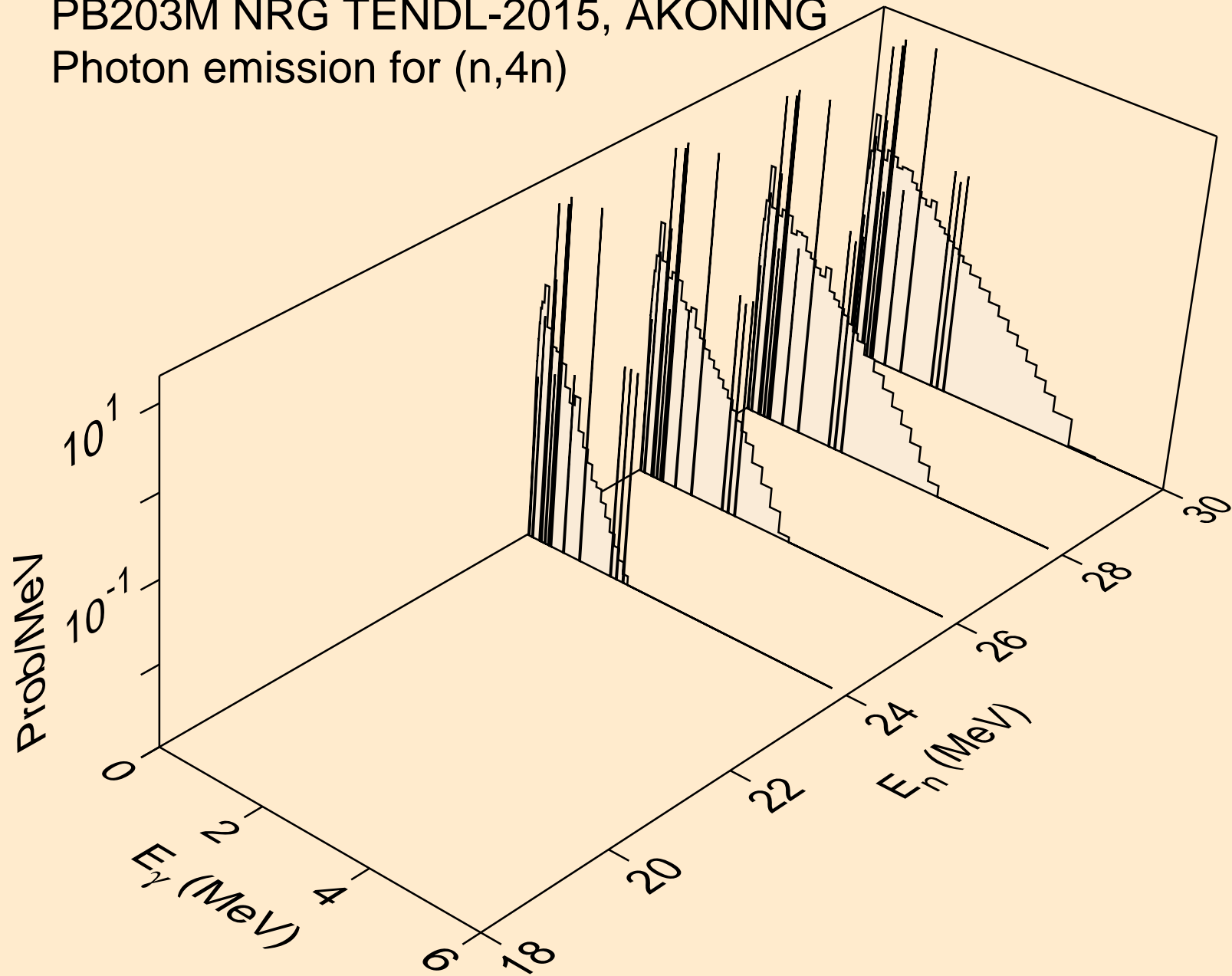
PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



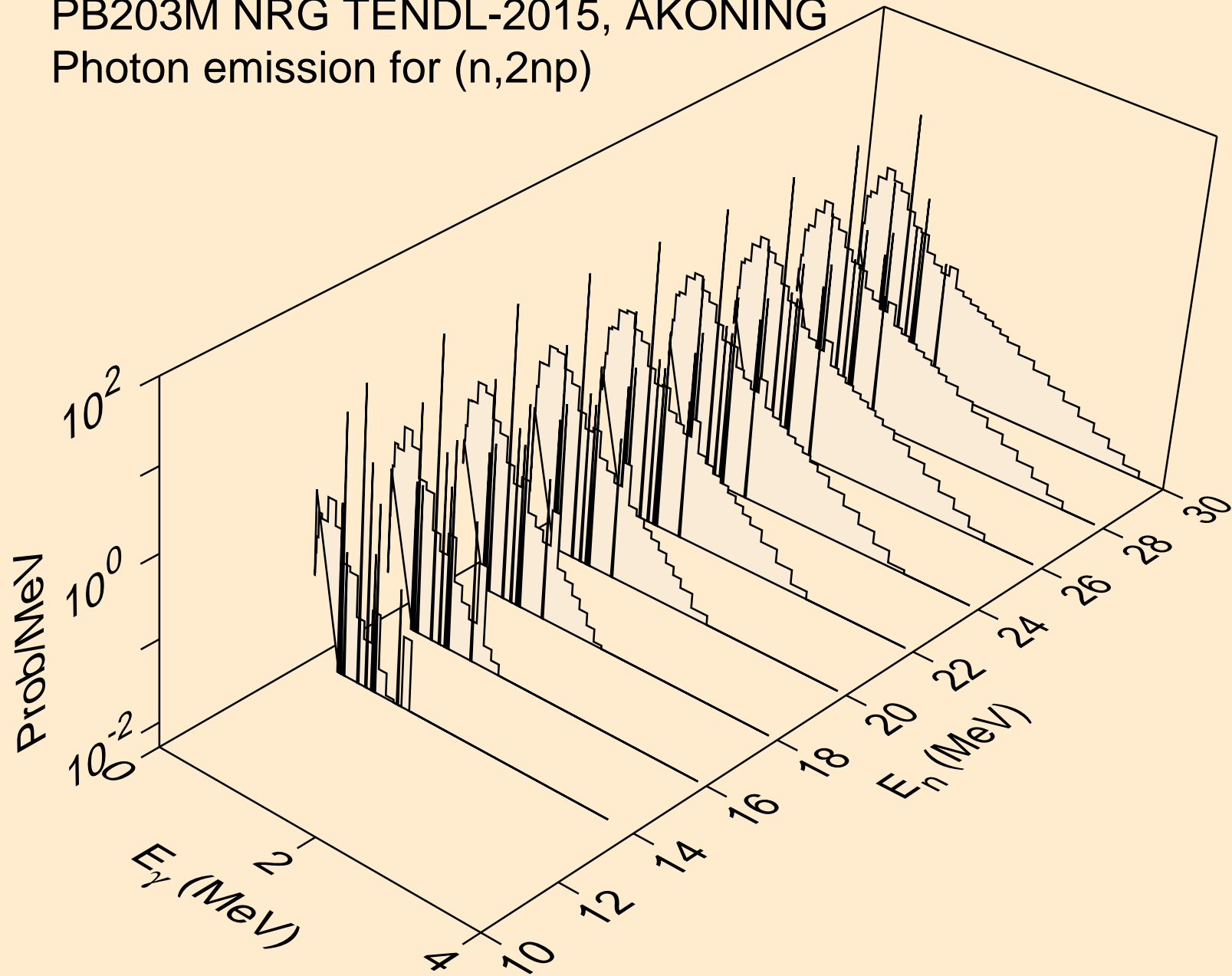
PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

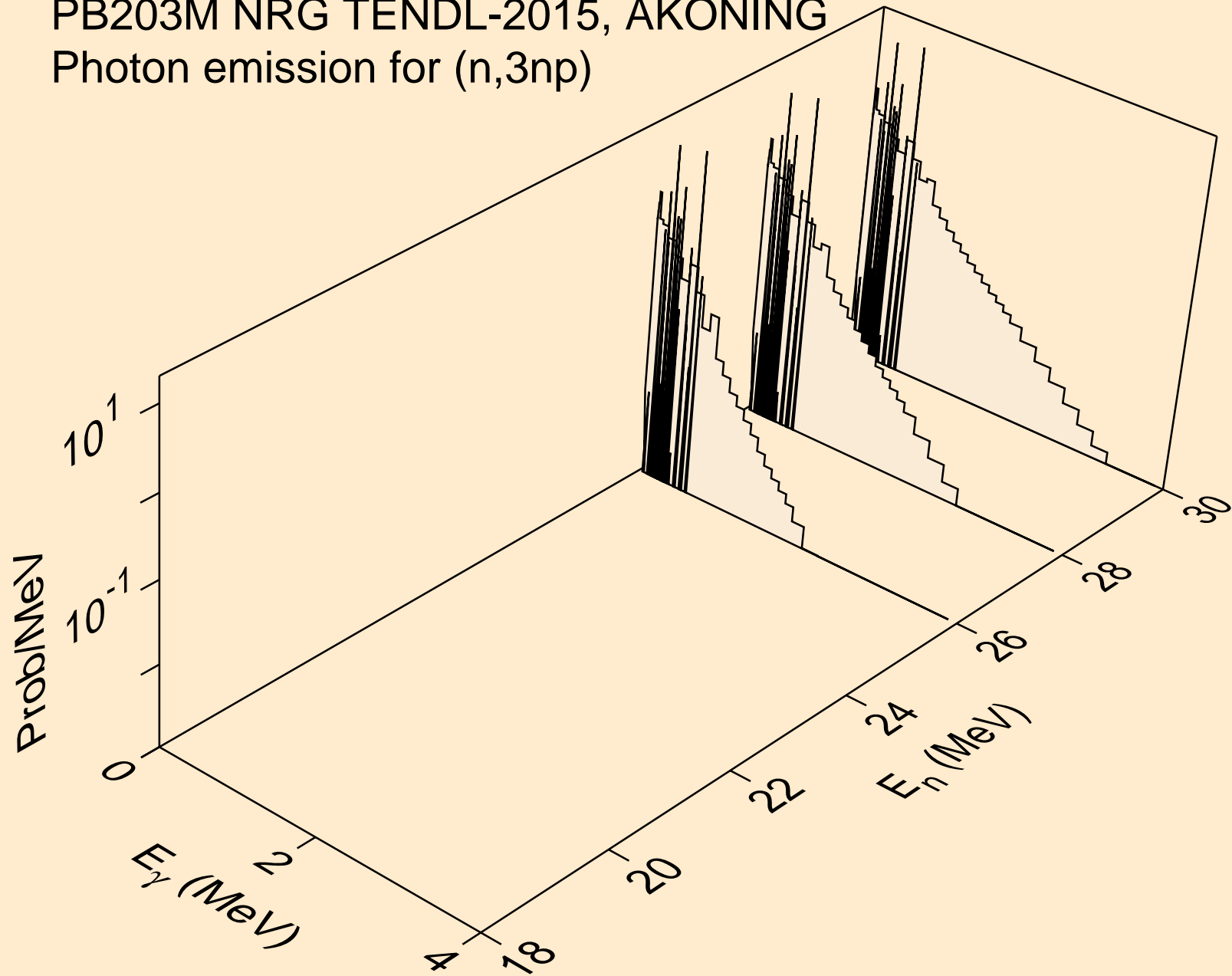


PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

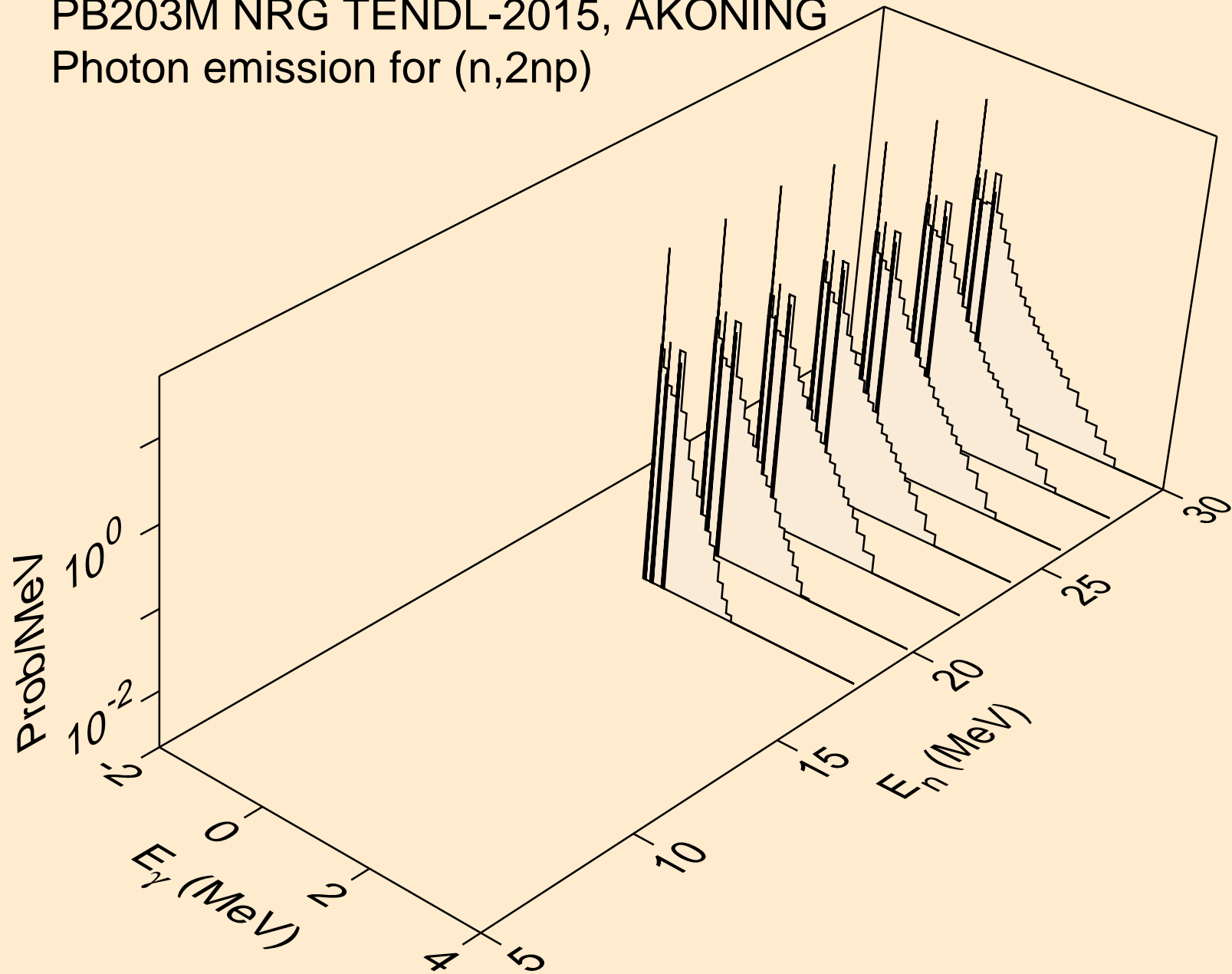




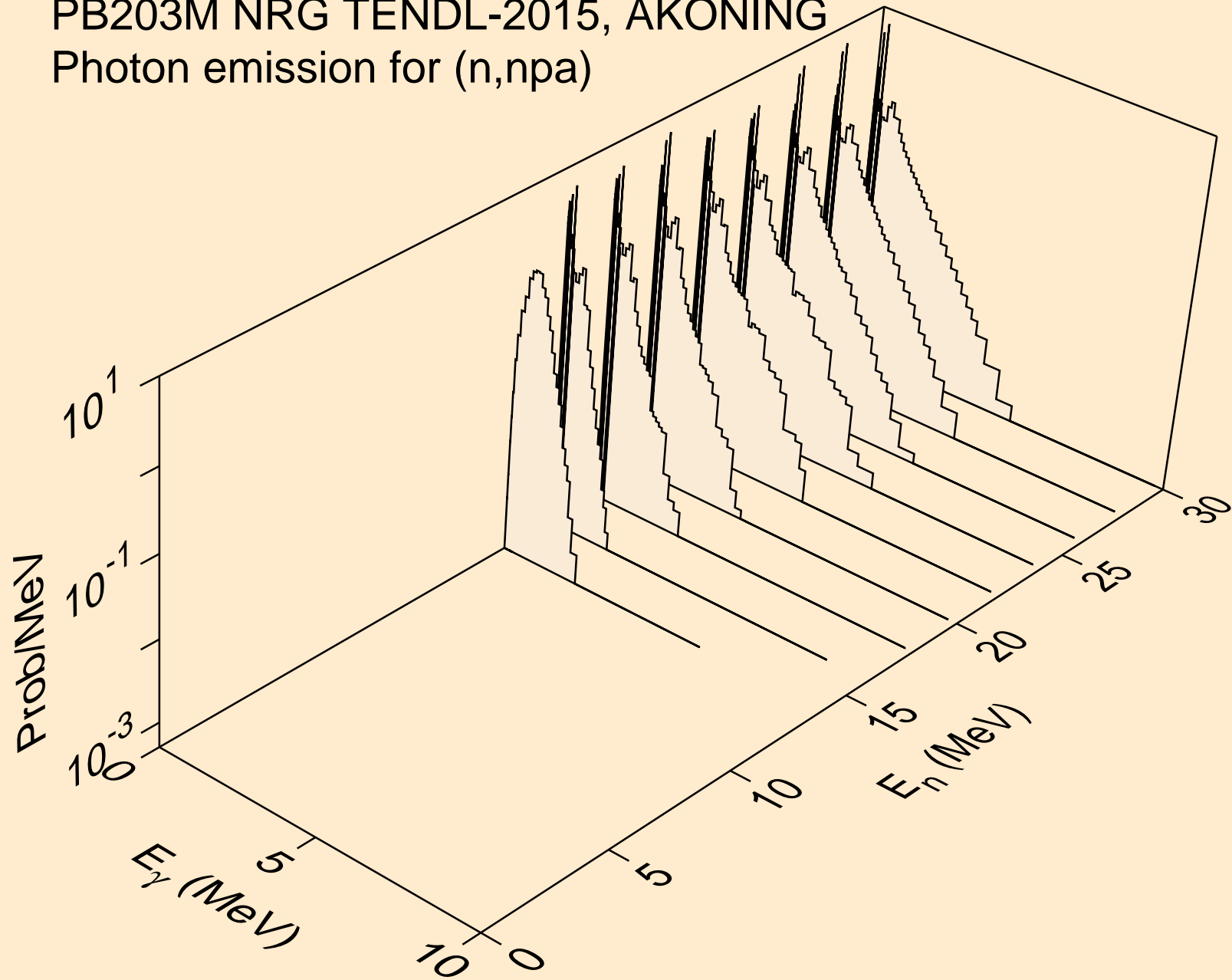
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Photon emission for (n,3np)



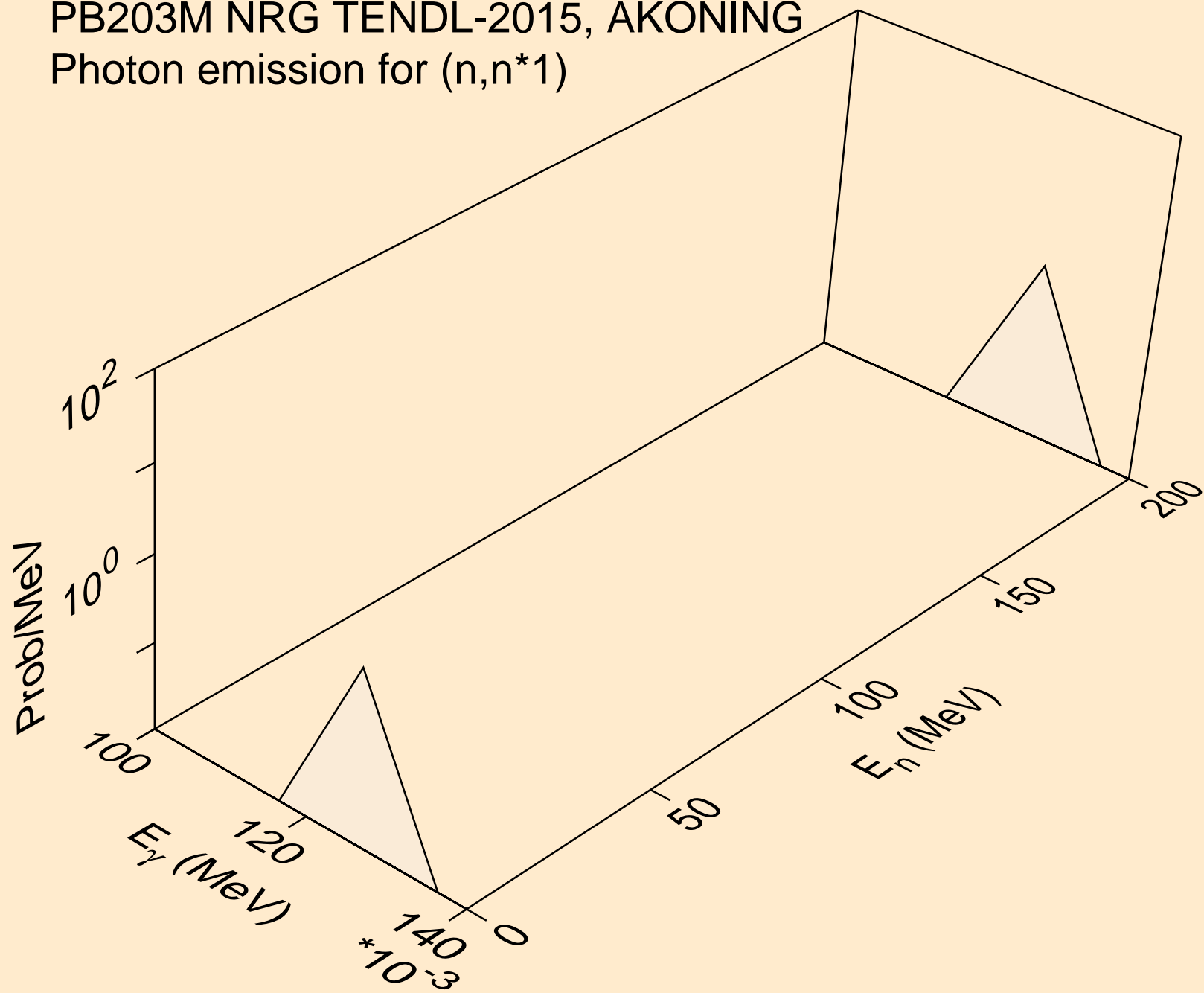
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Photon emission for (n,2np)



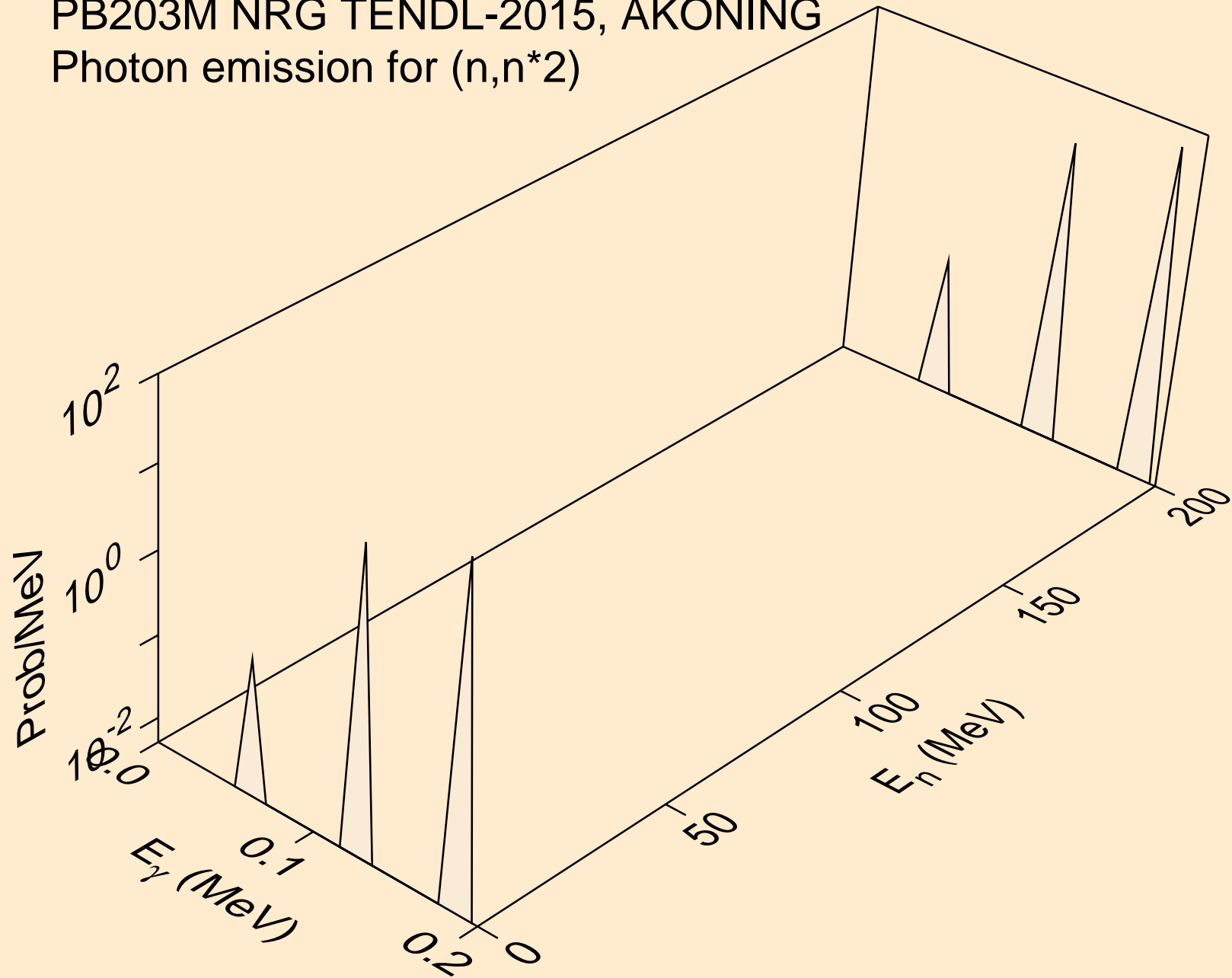
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Photon emission for (n,npa)



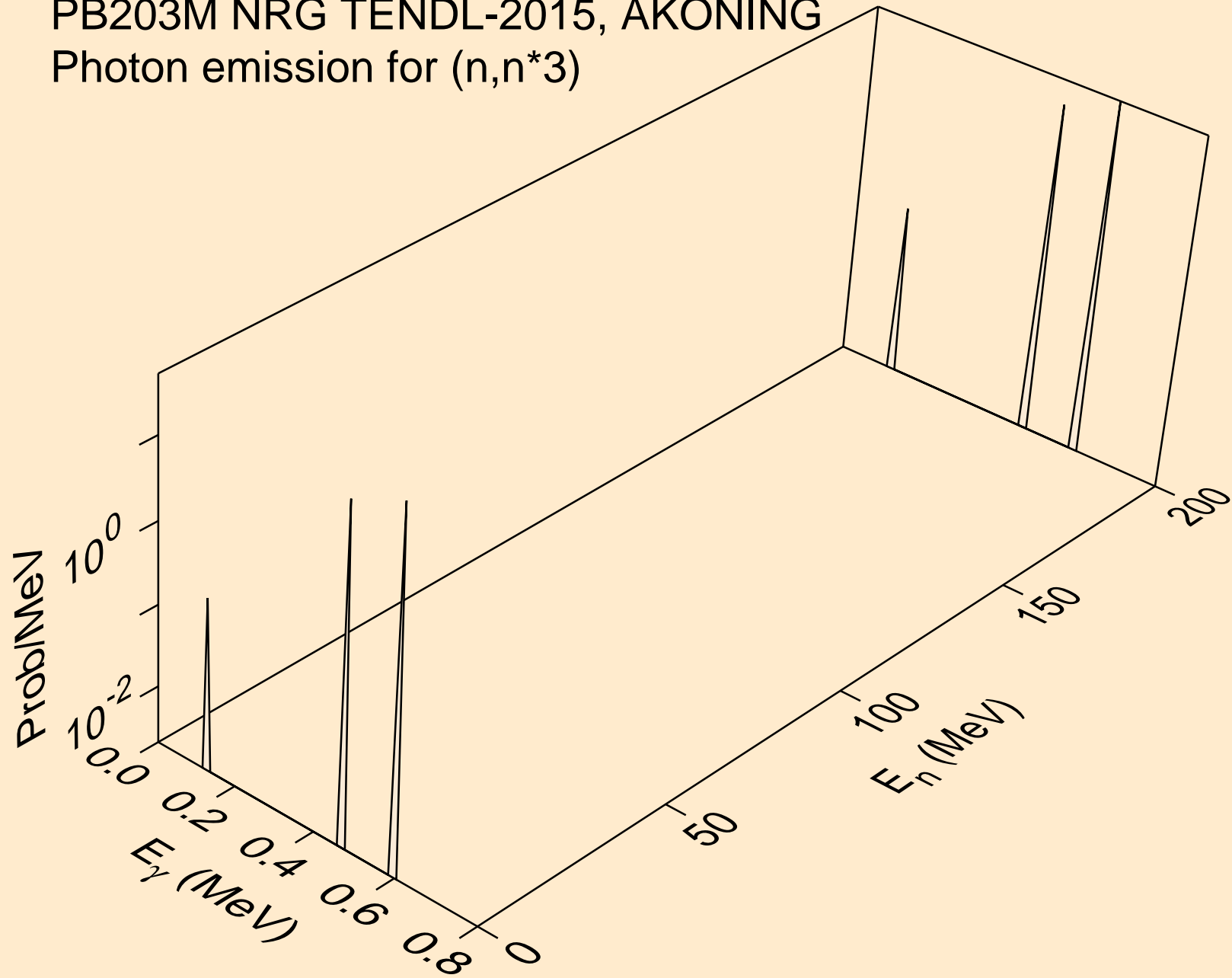
PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)



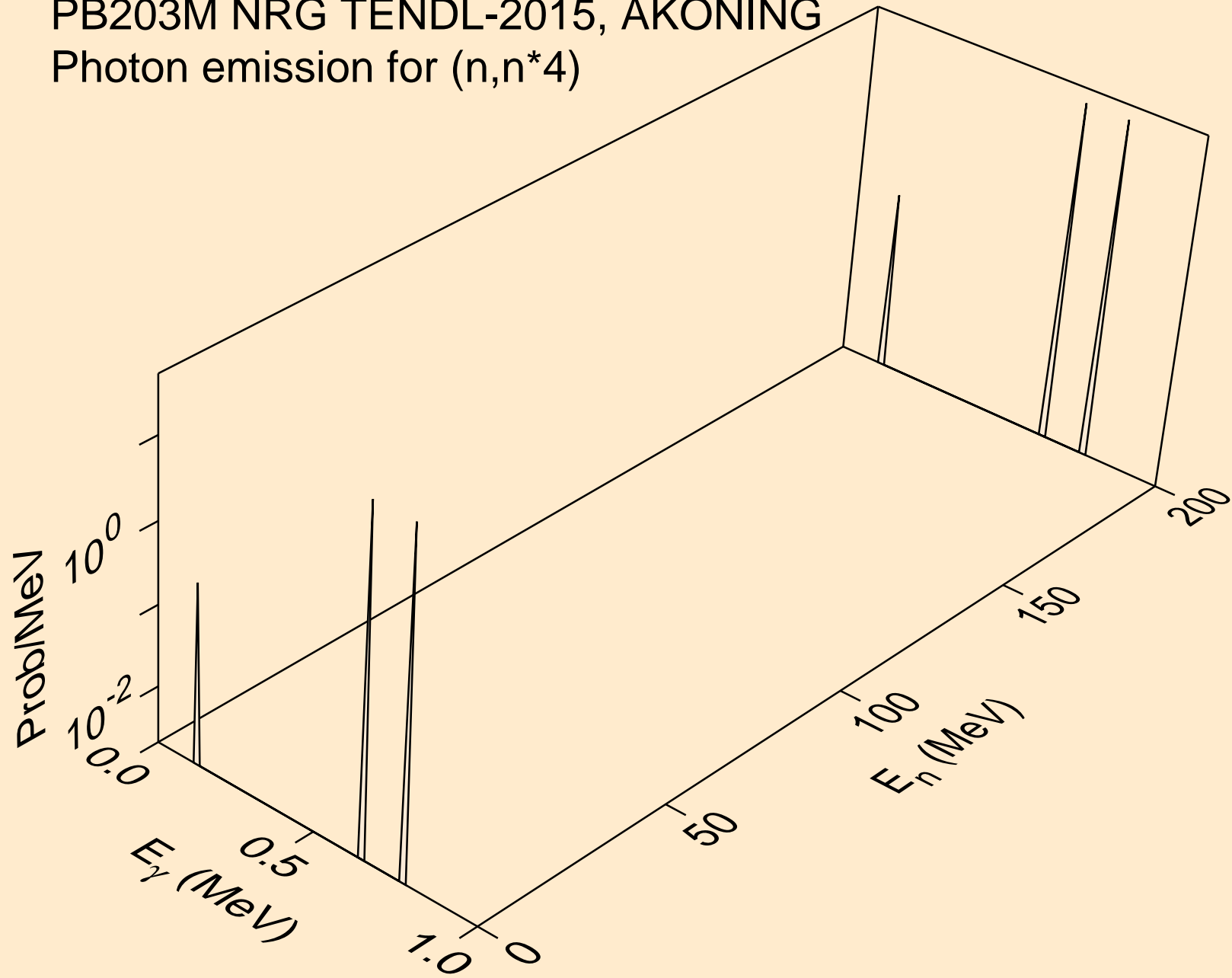
PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



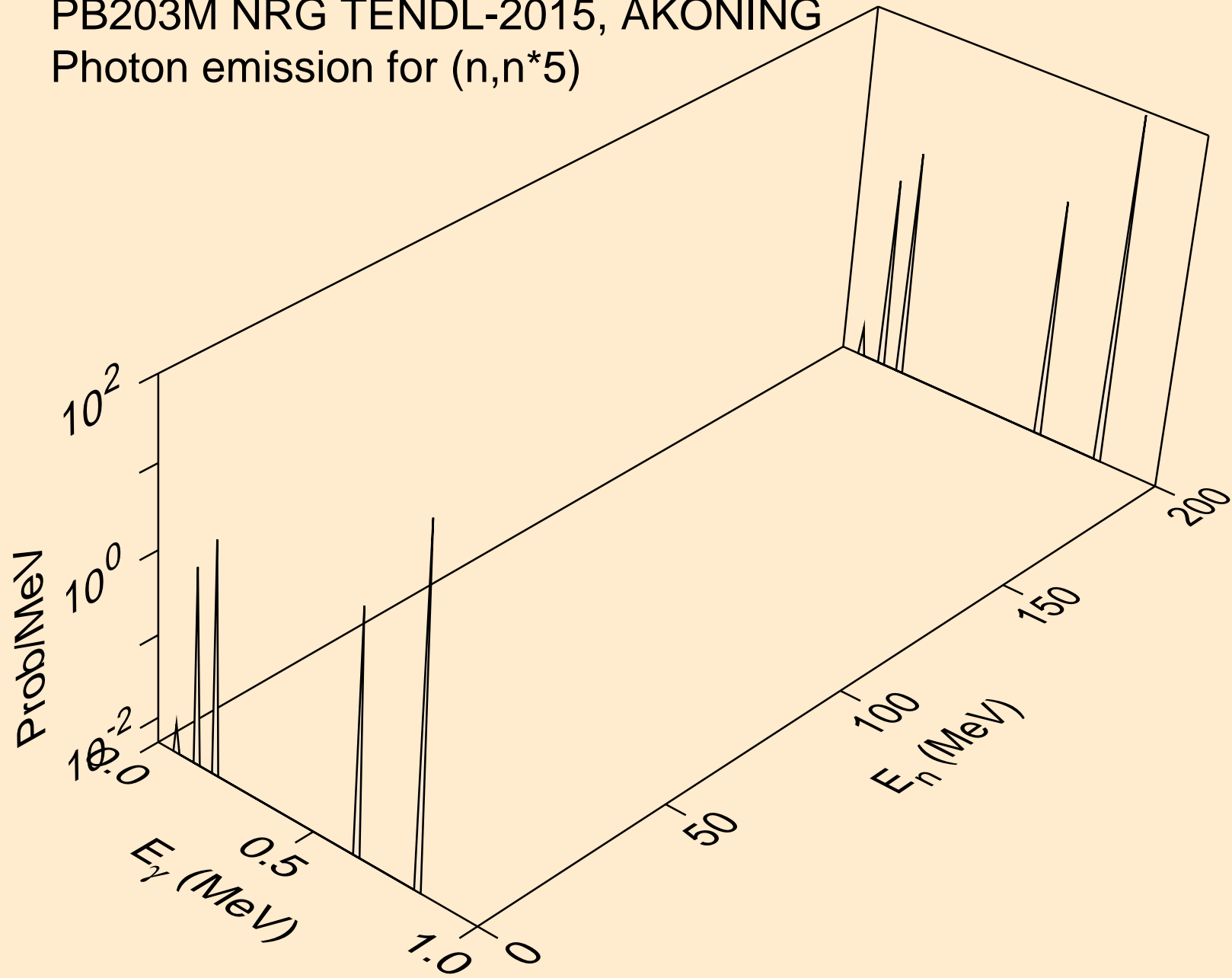
PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)



PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)

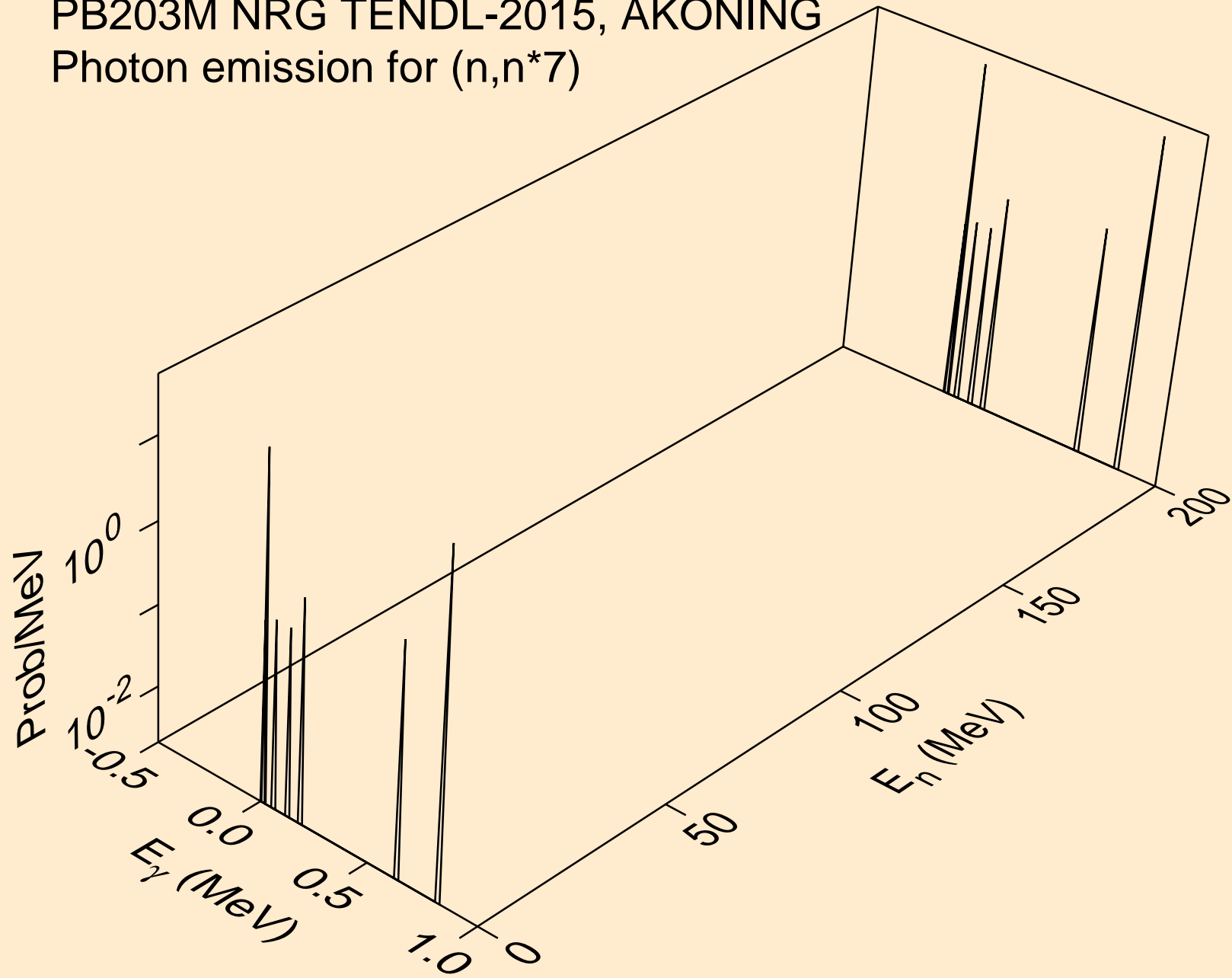


PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)

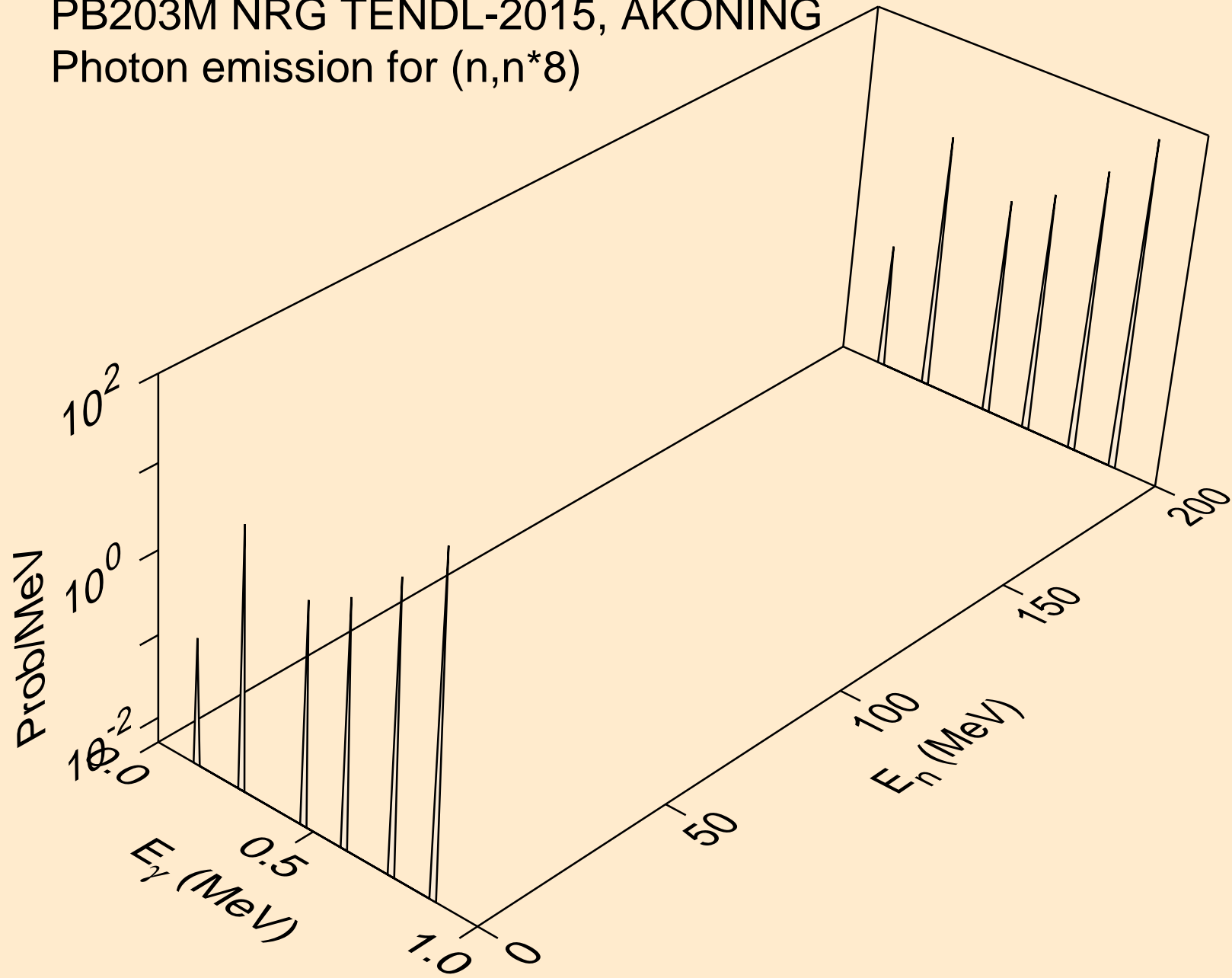




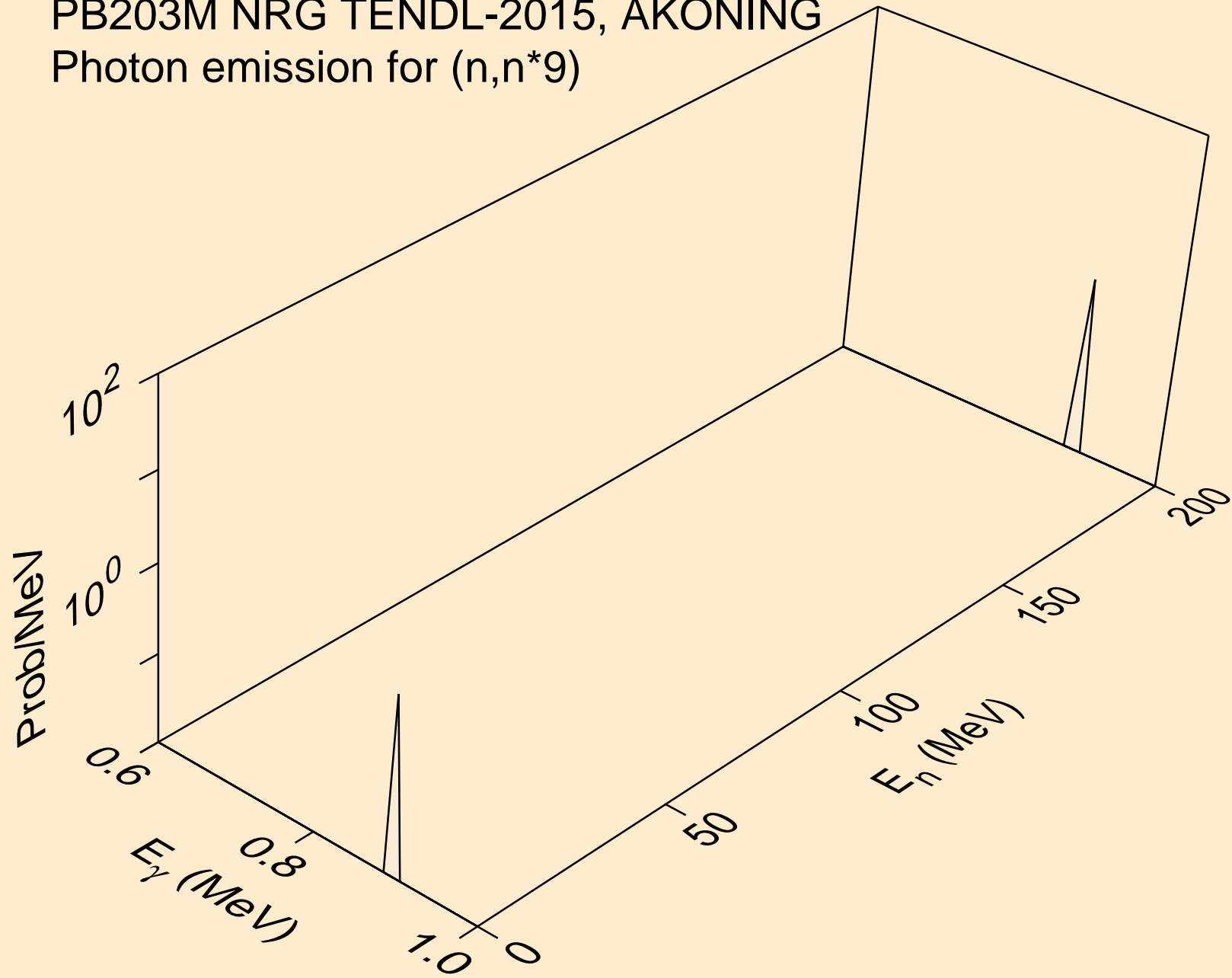
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Photon emission for (n,n\*7)



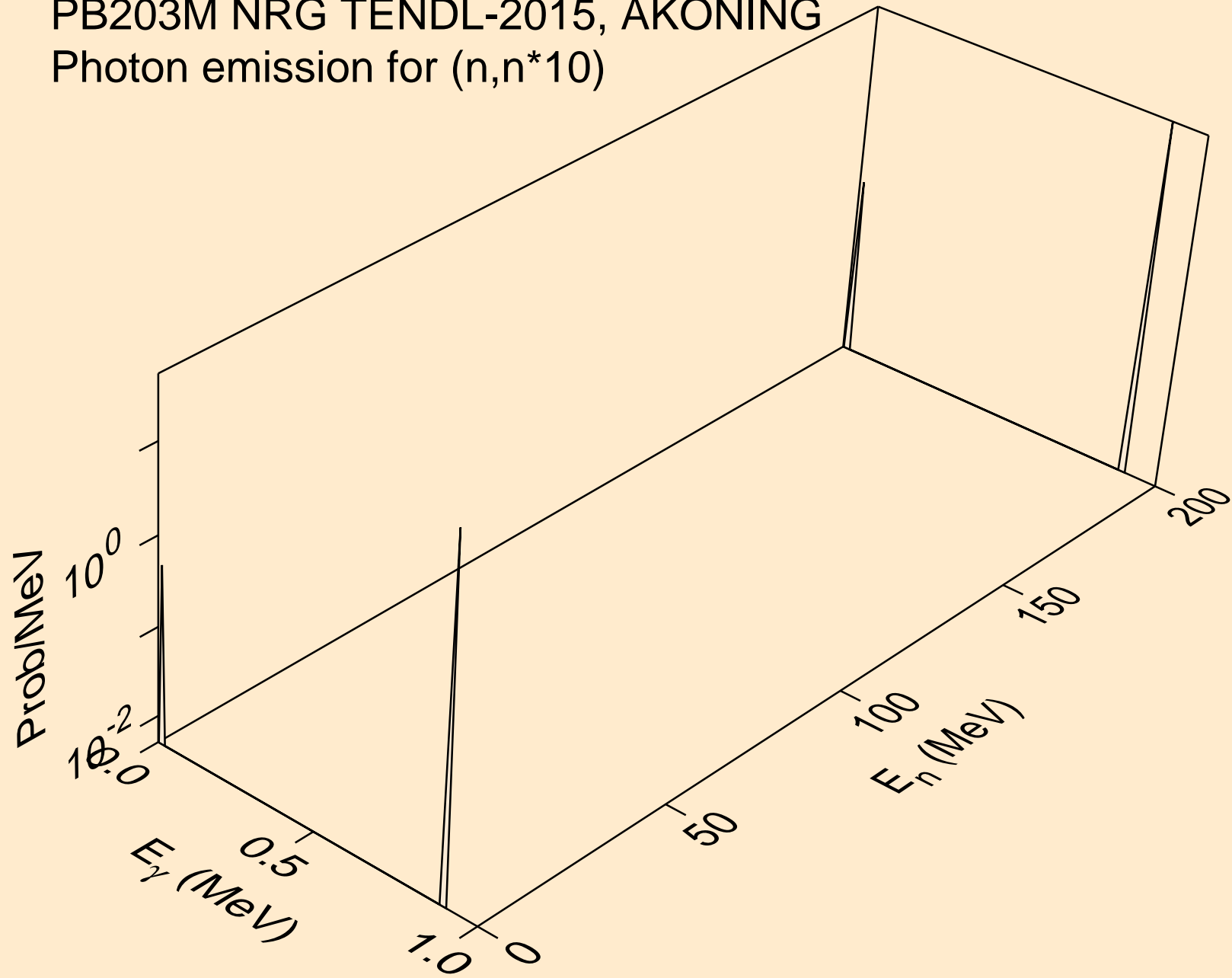
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Photon emission for (n,n\*8)



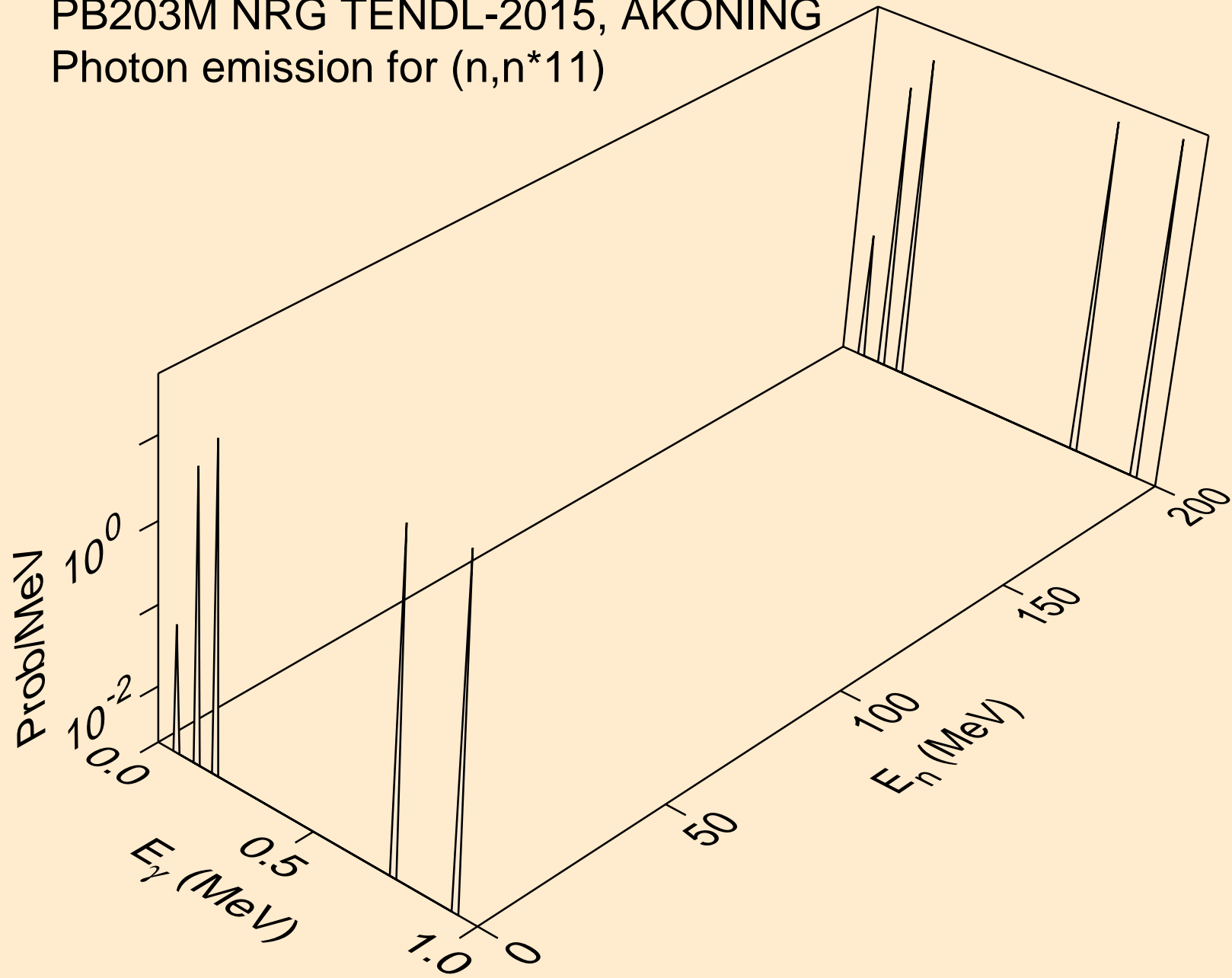
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Photon emission for (n,n\*9)



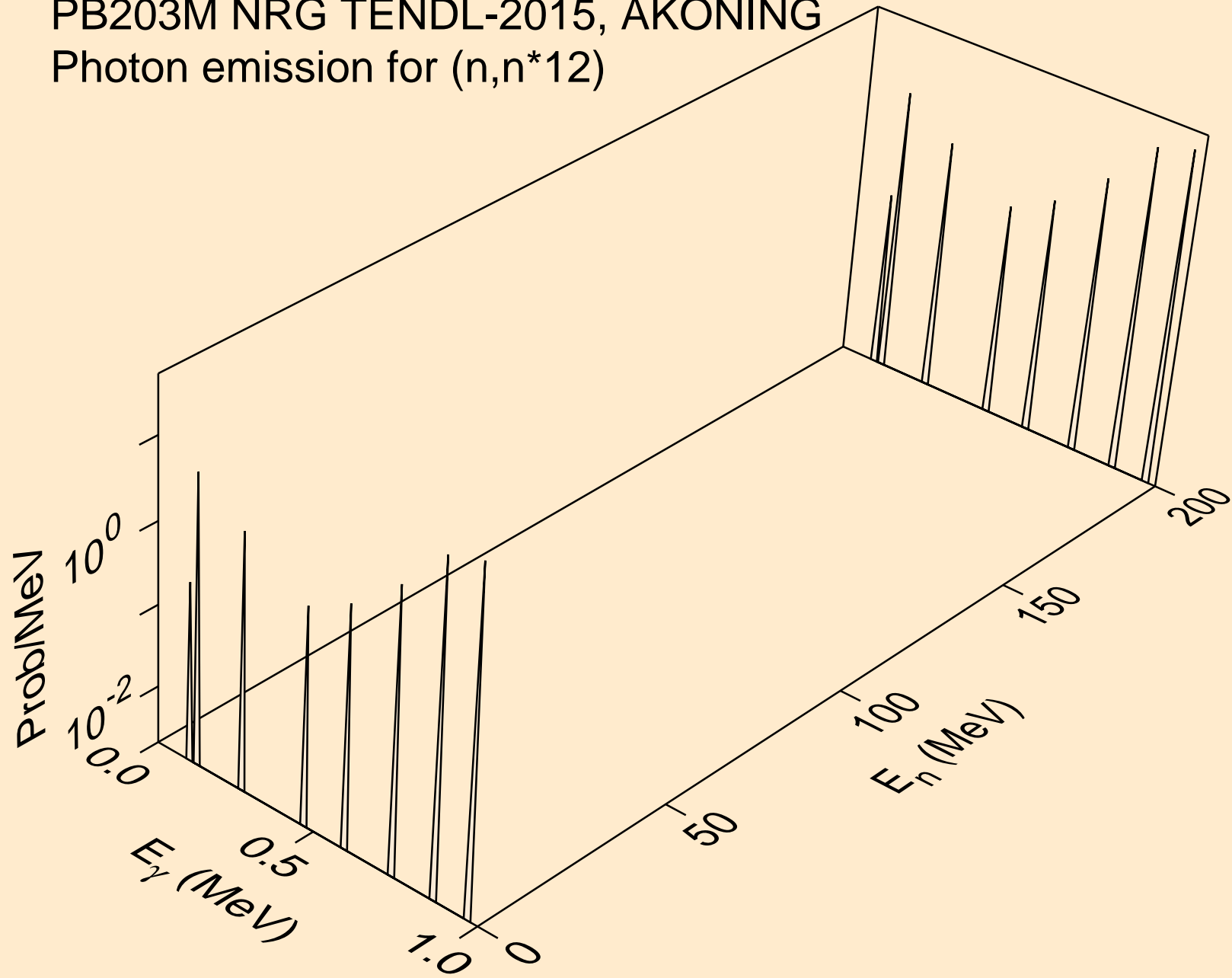
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Photon emission for (n,n\*10)



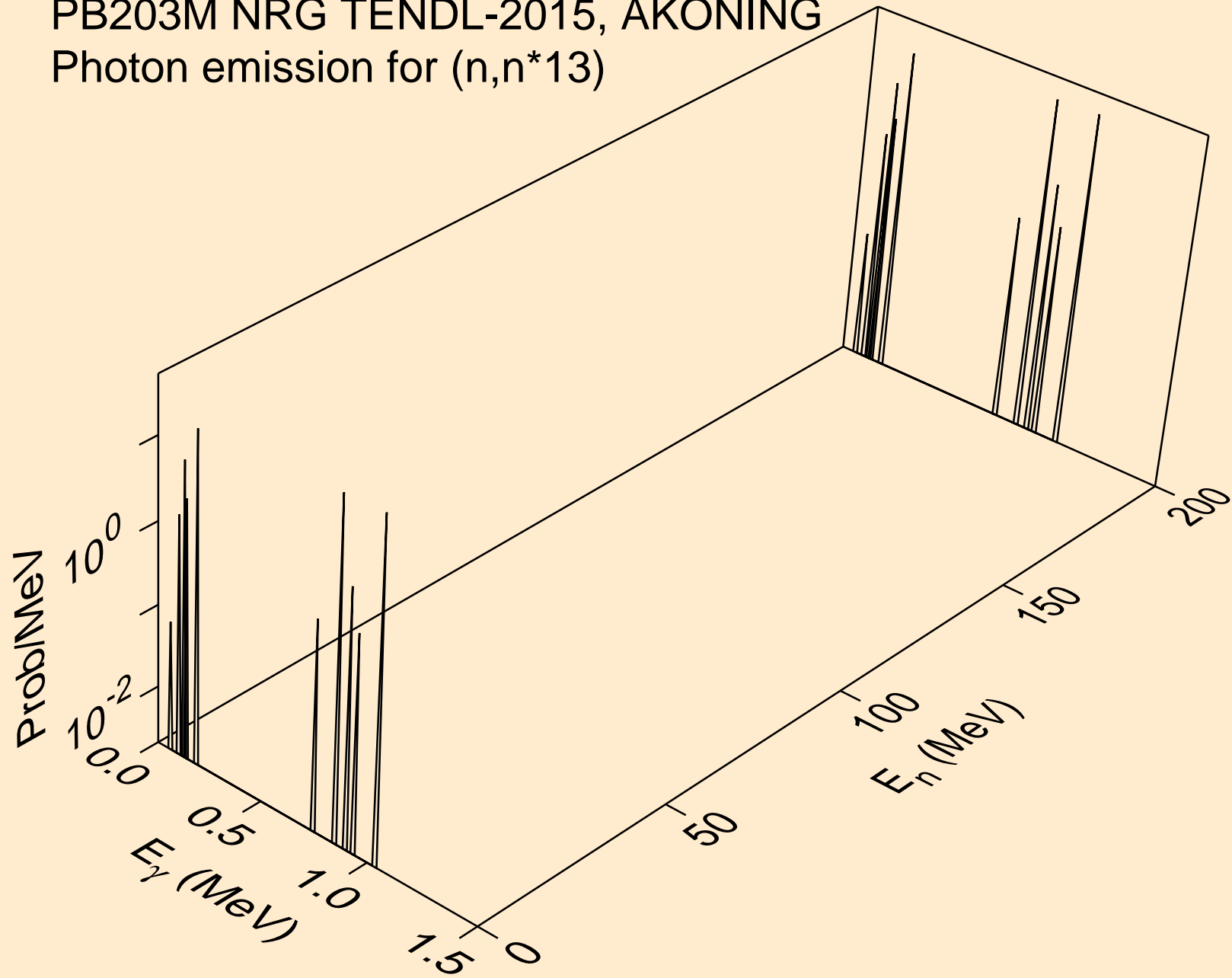
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Photon emission for (n,n\*11)



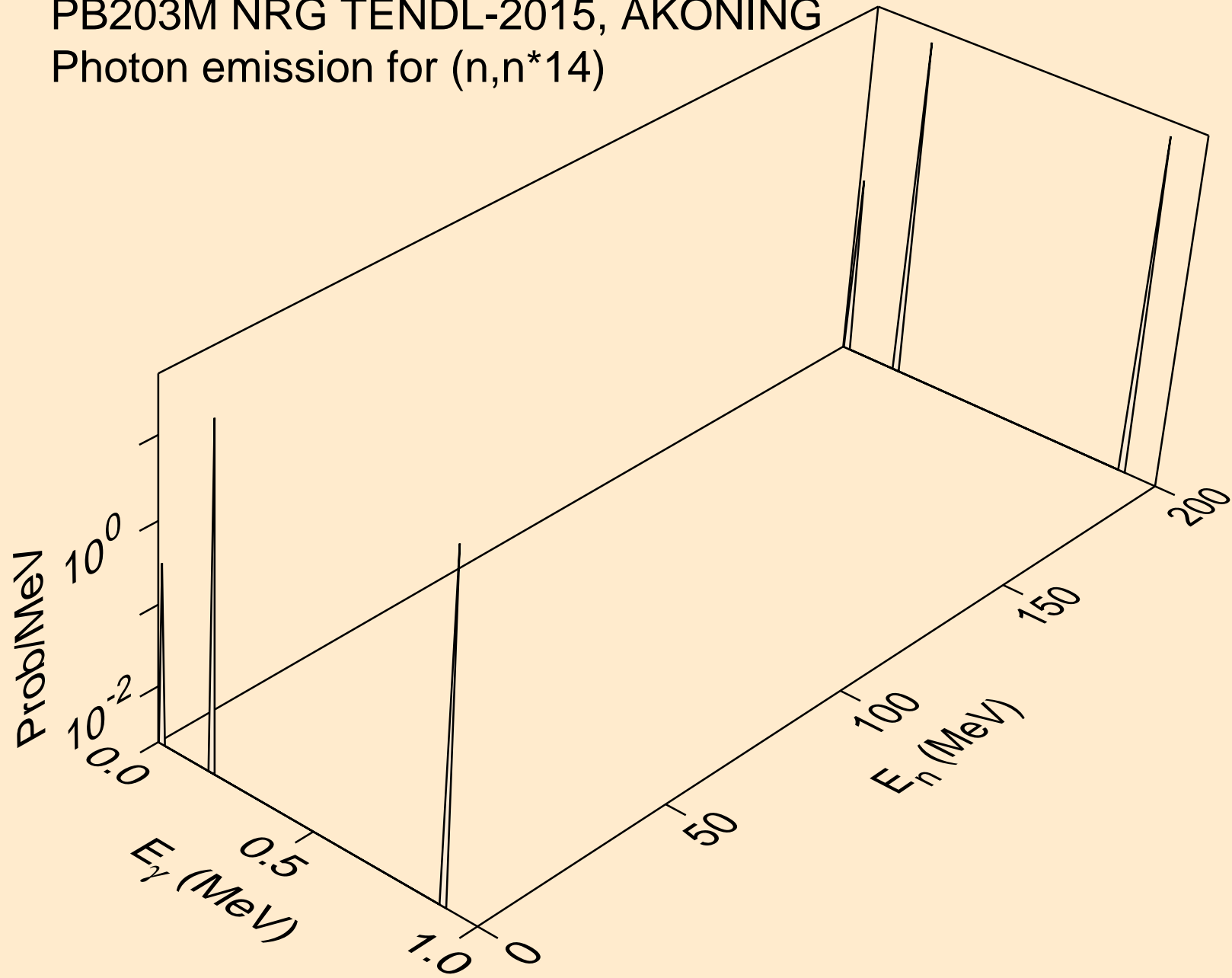
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Photon emission for (n,n\*12)



PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)

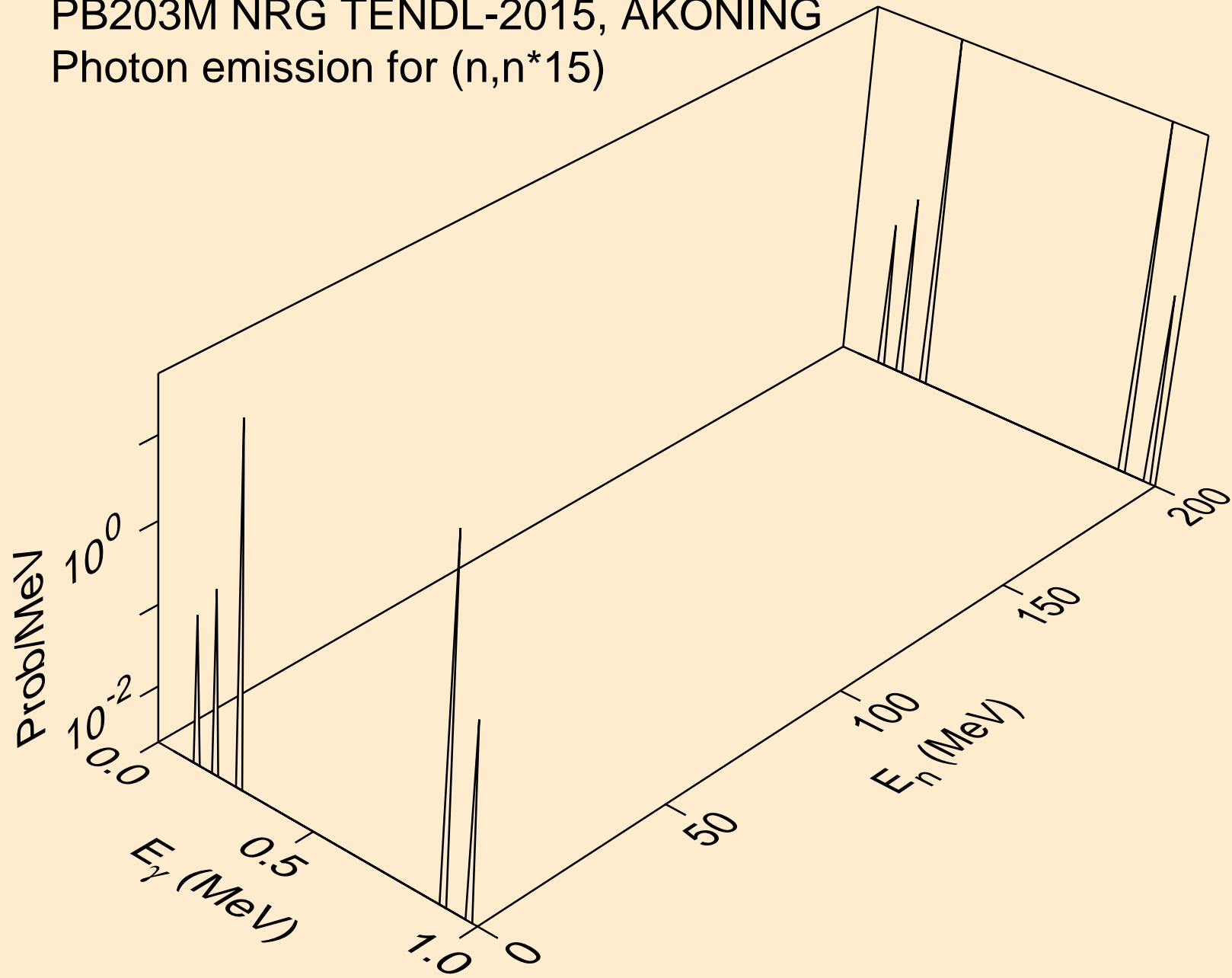


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Photon emission for (n,n\*14)

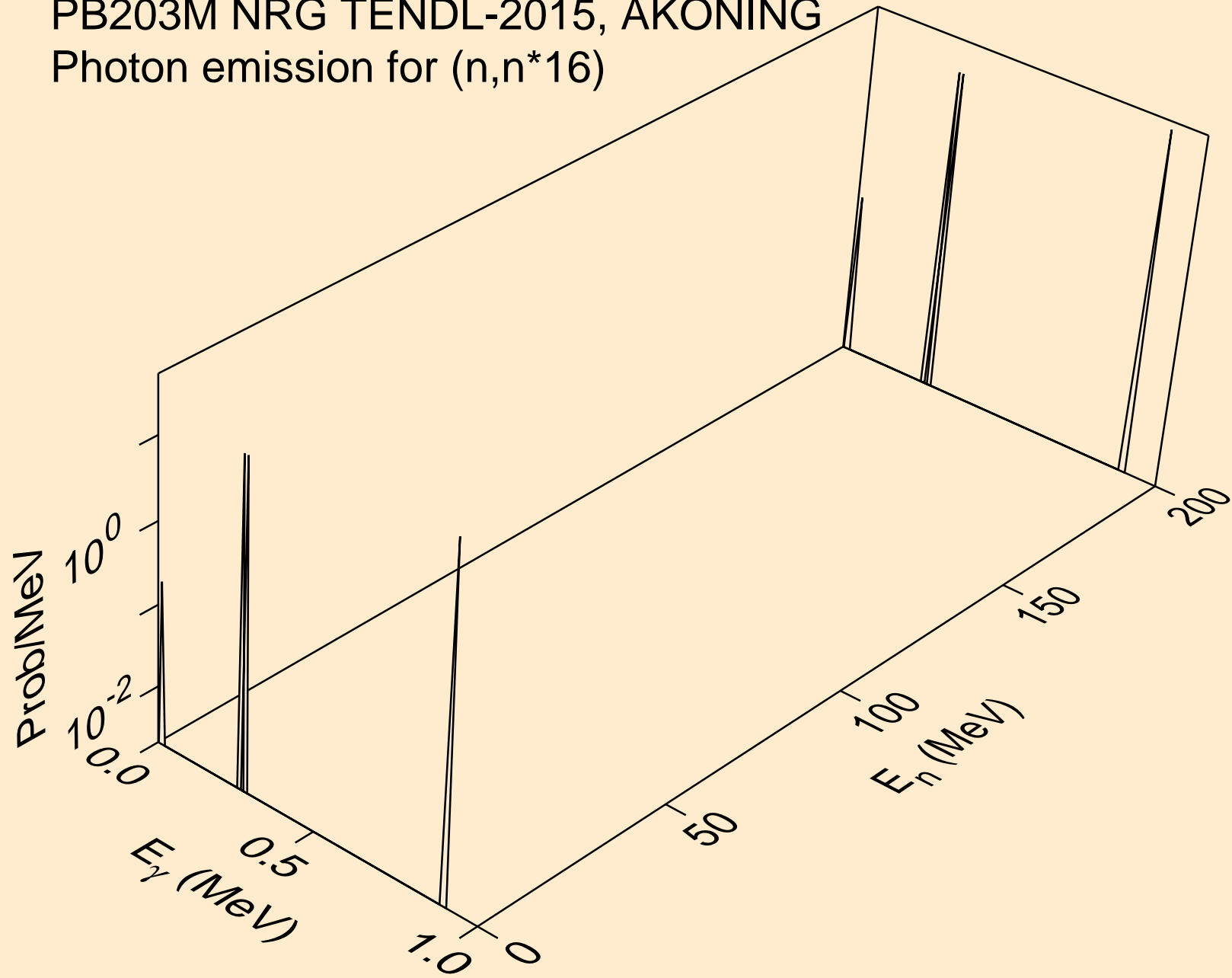




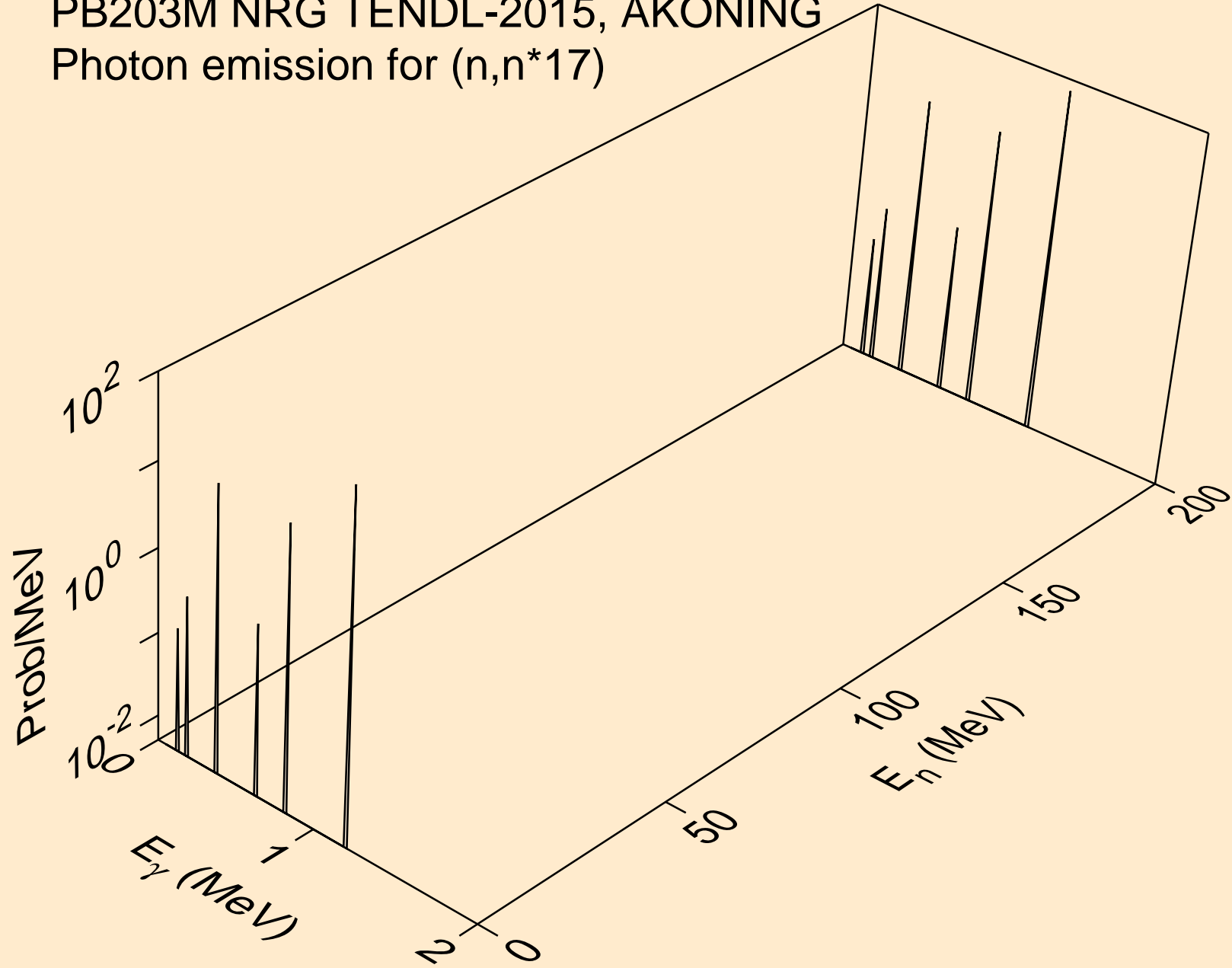
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Photon emission for (n,n\*15)



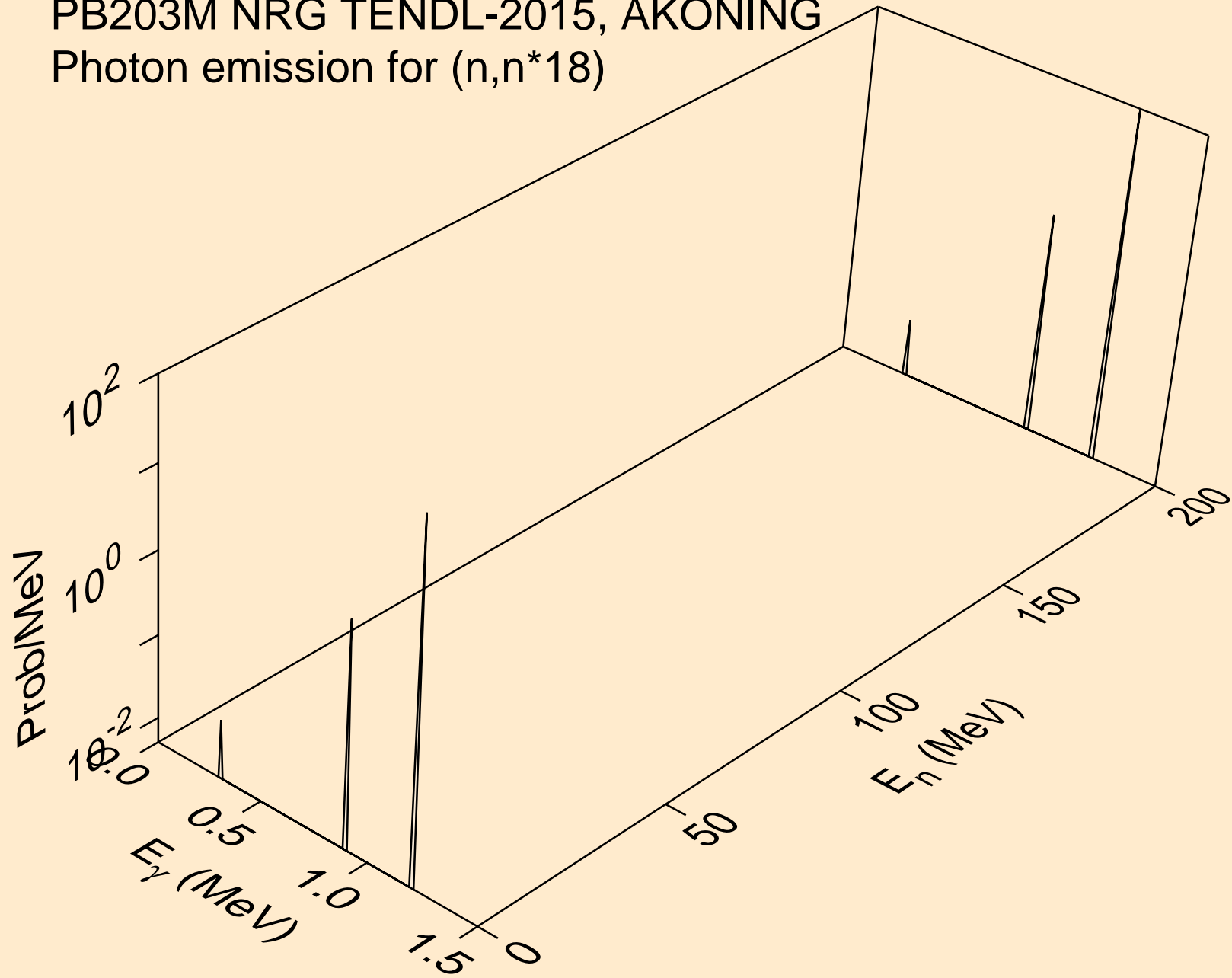
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Photon emission for (n,n\*16)



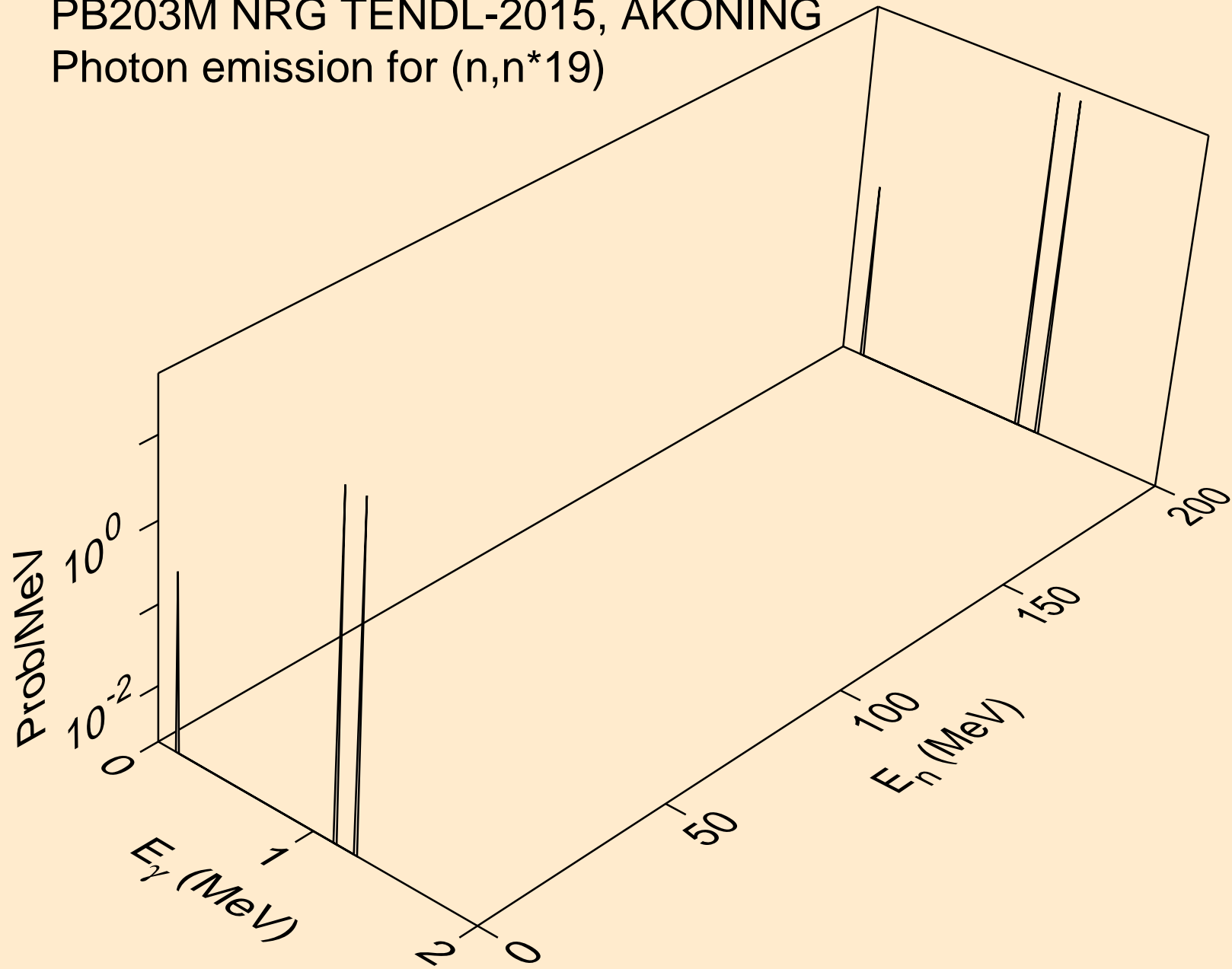
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Photon emission for (n,n\*17)



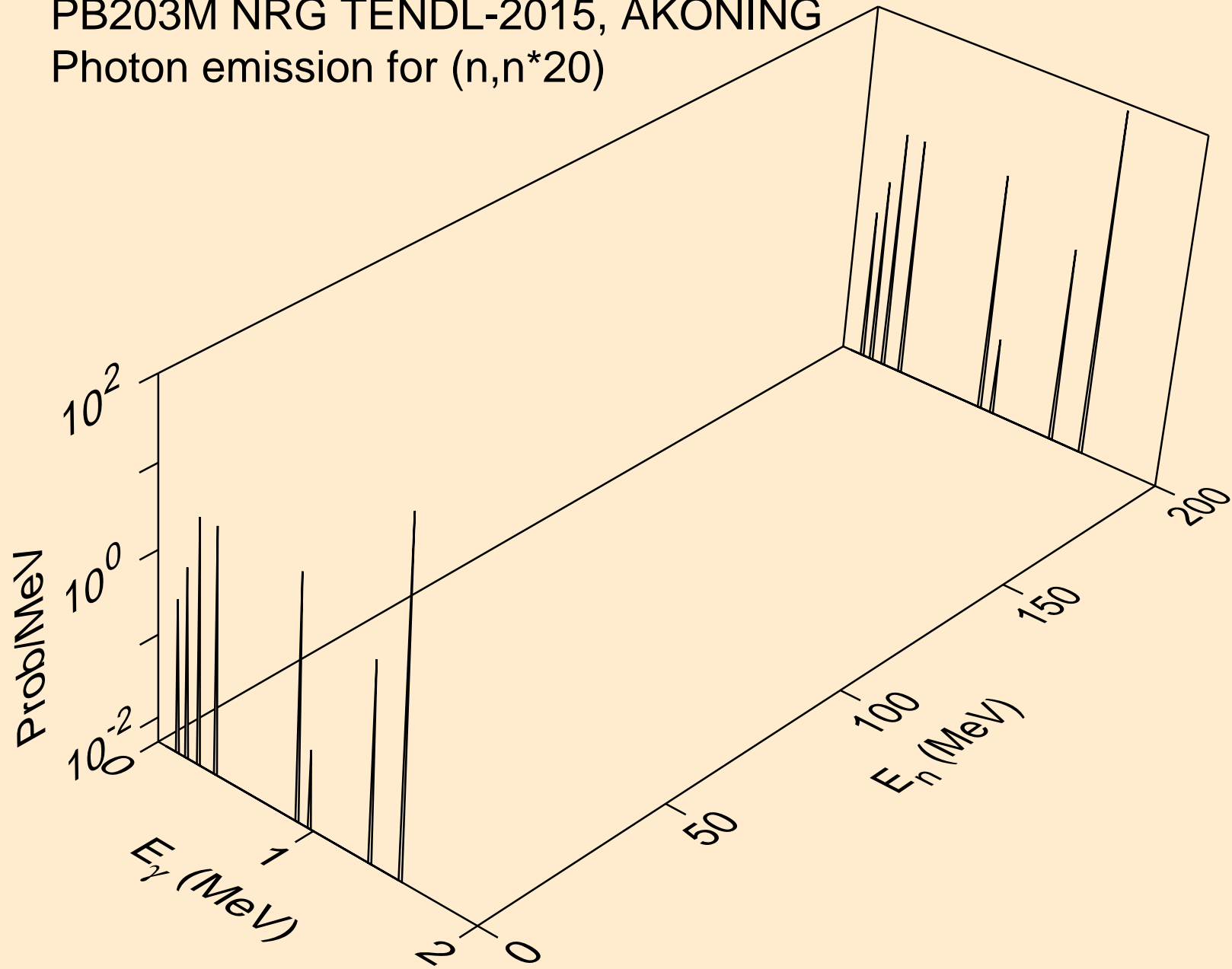
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Photon emission for (n,n\*18)



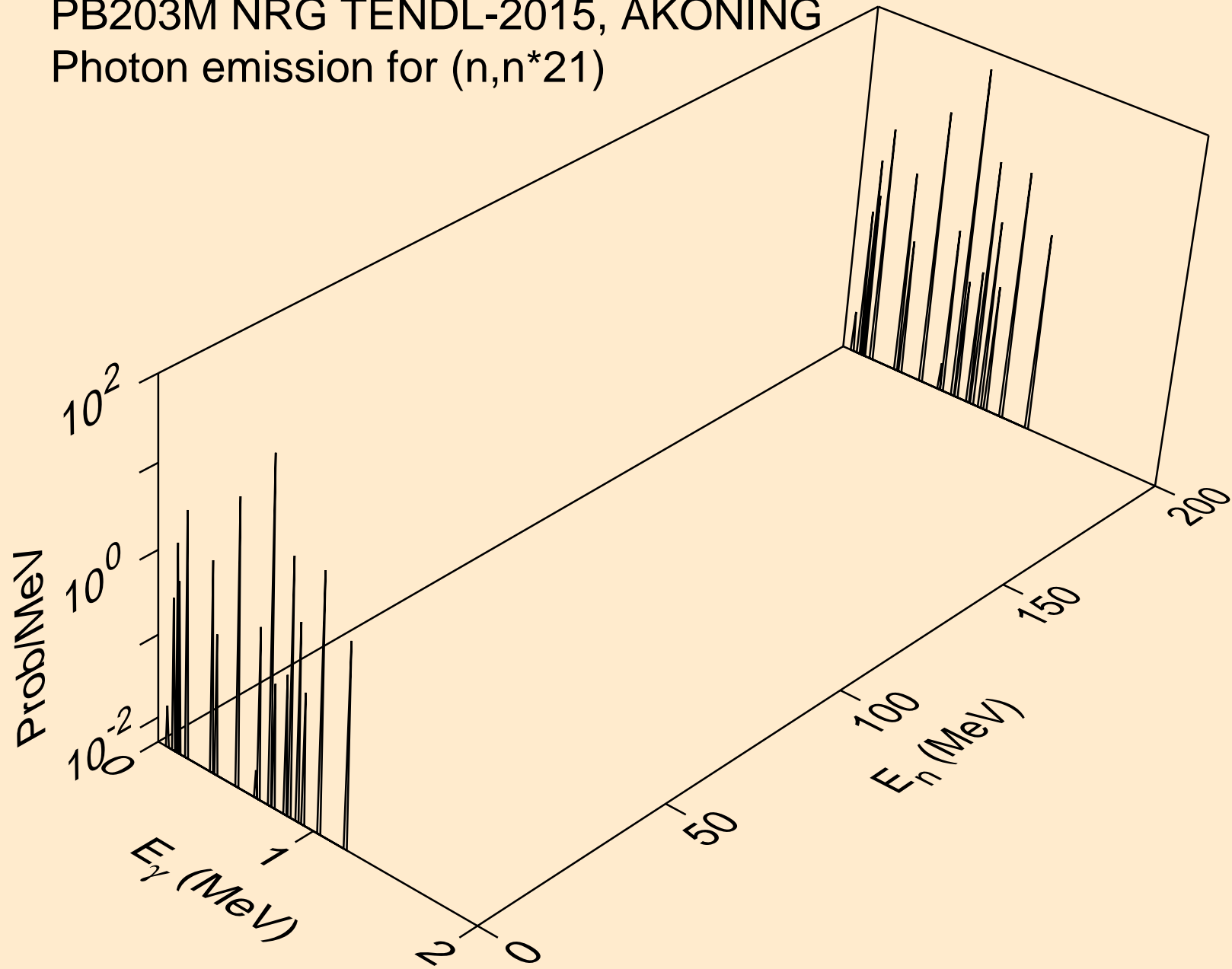
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Photon emission for (n,n\*19)



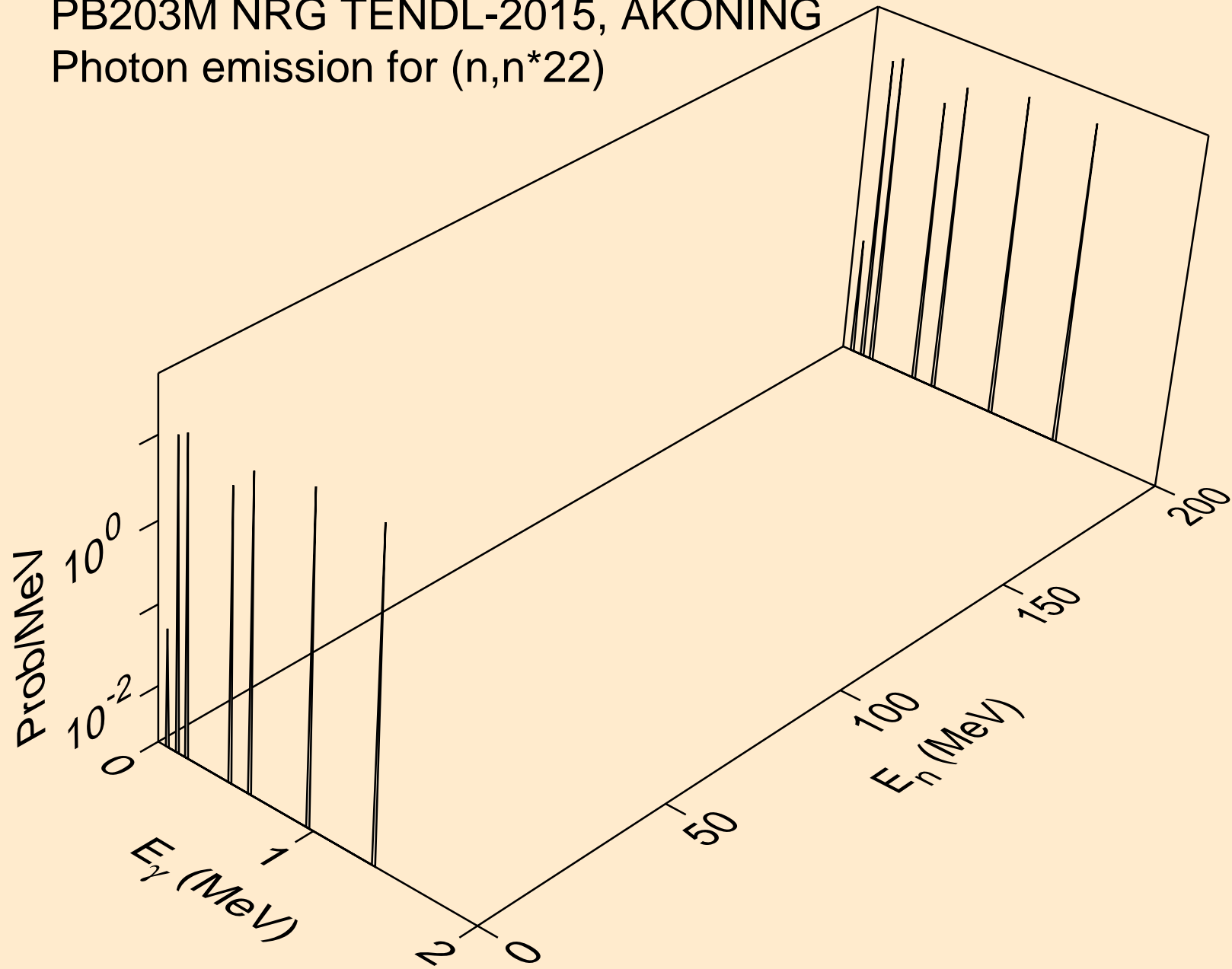
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Photon emission for (n,n\*20)



PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)

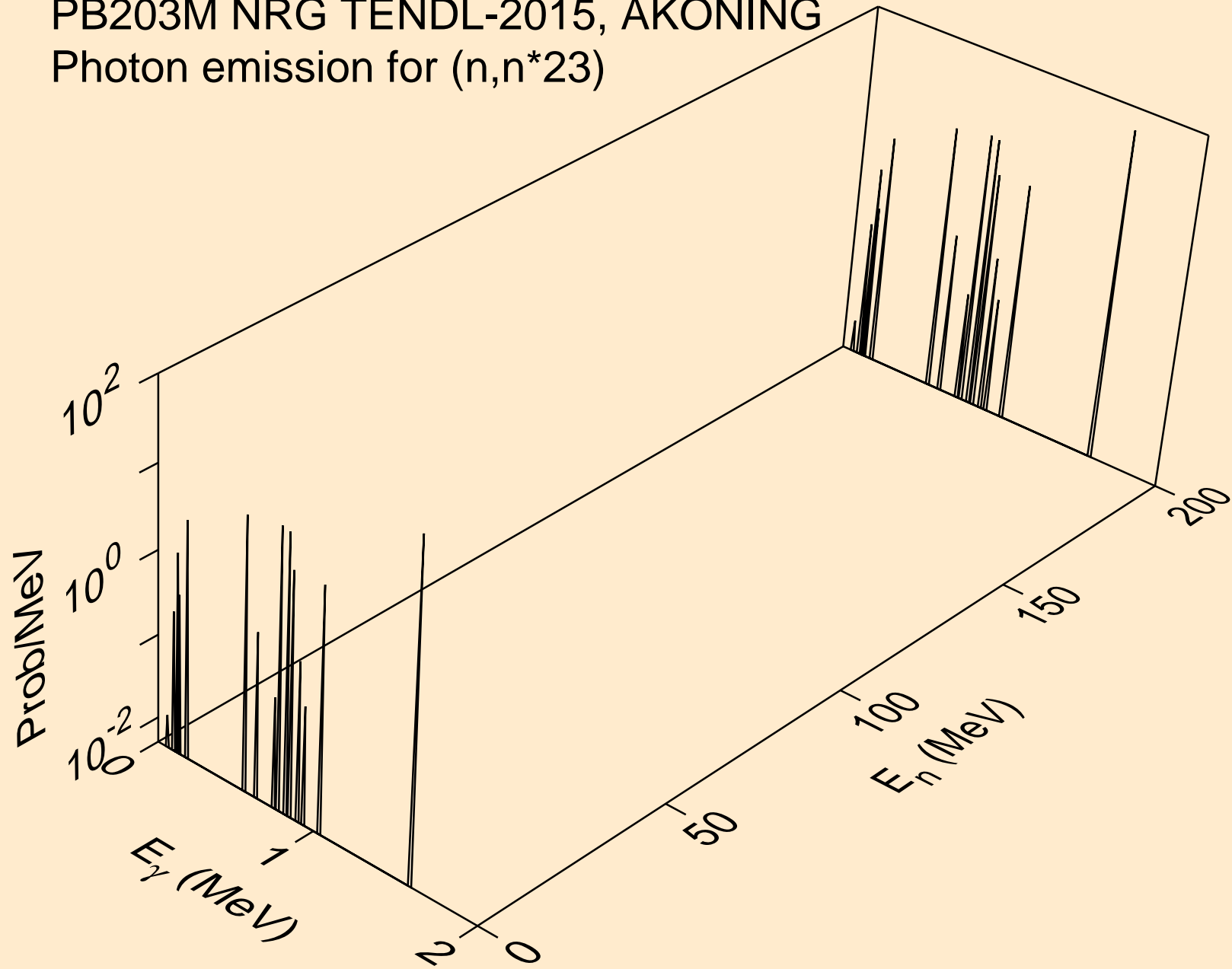


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Photon emission for (n,n\*22)

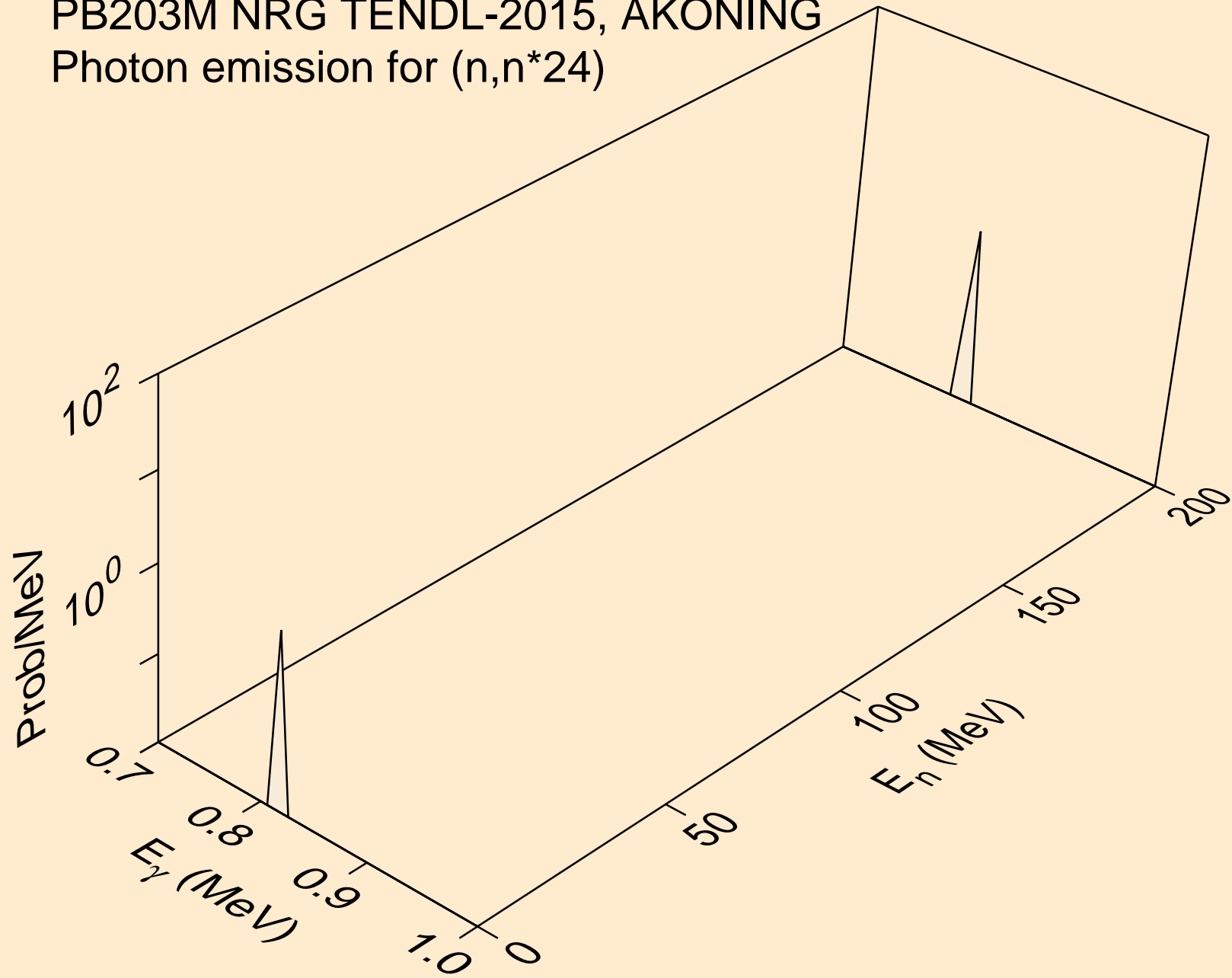




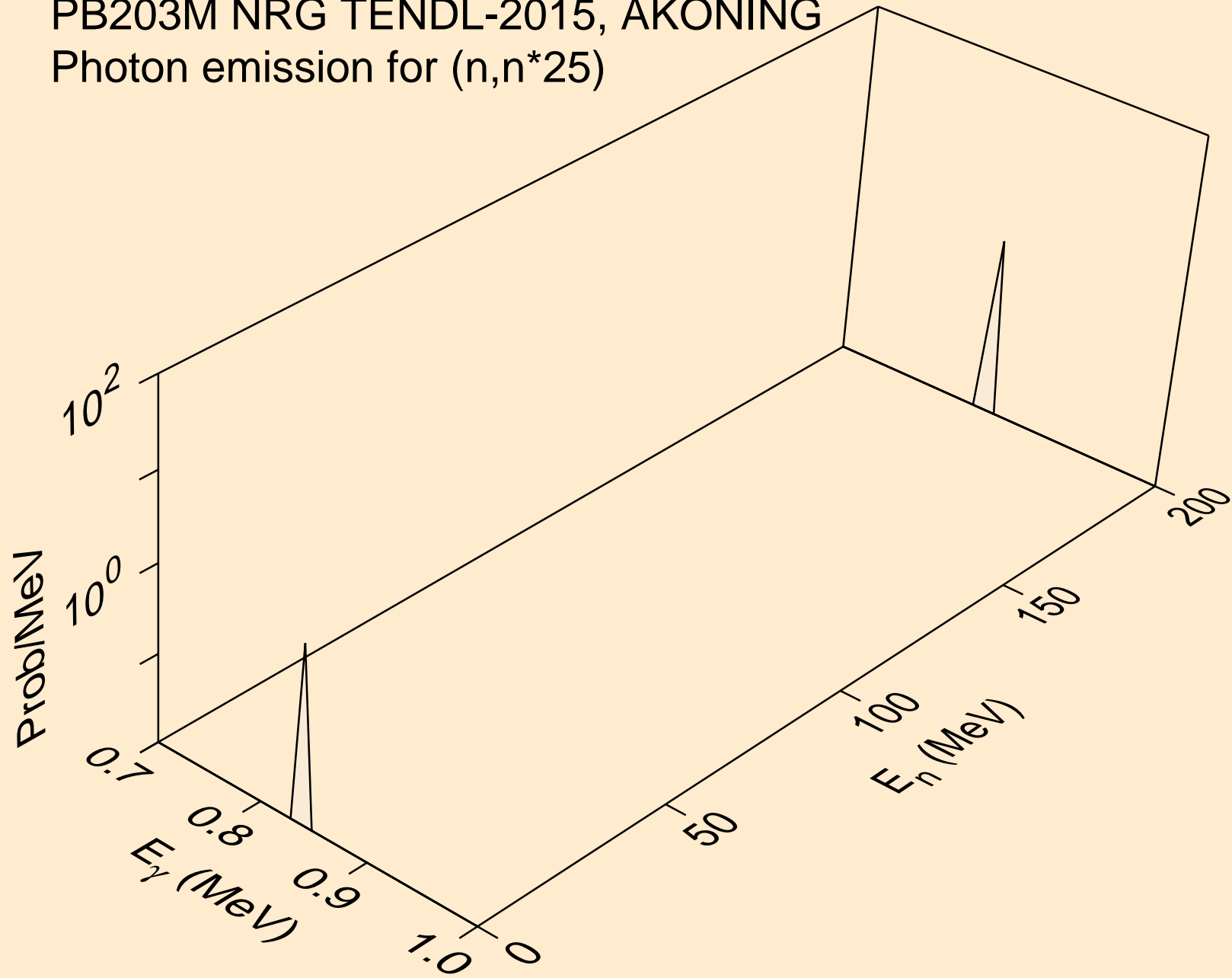
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Photon emission for (n,n\*23)



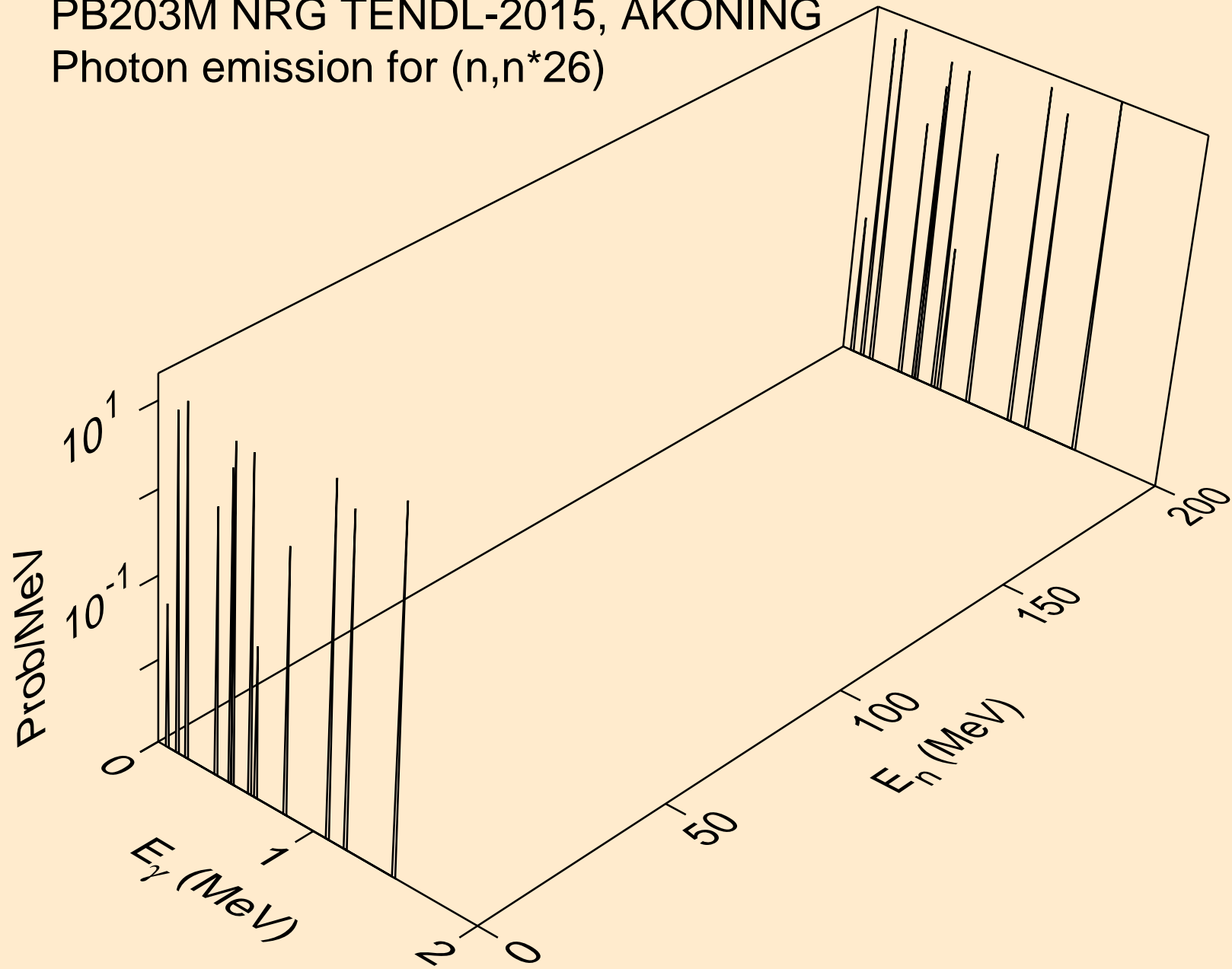
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Photon emission for (n,n\*24)



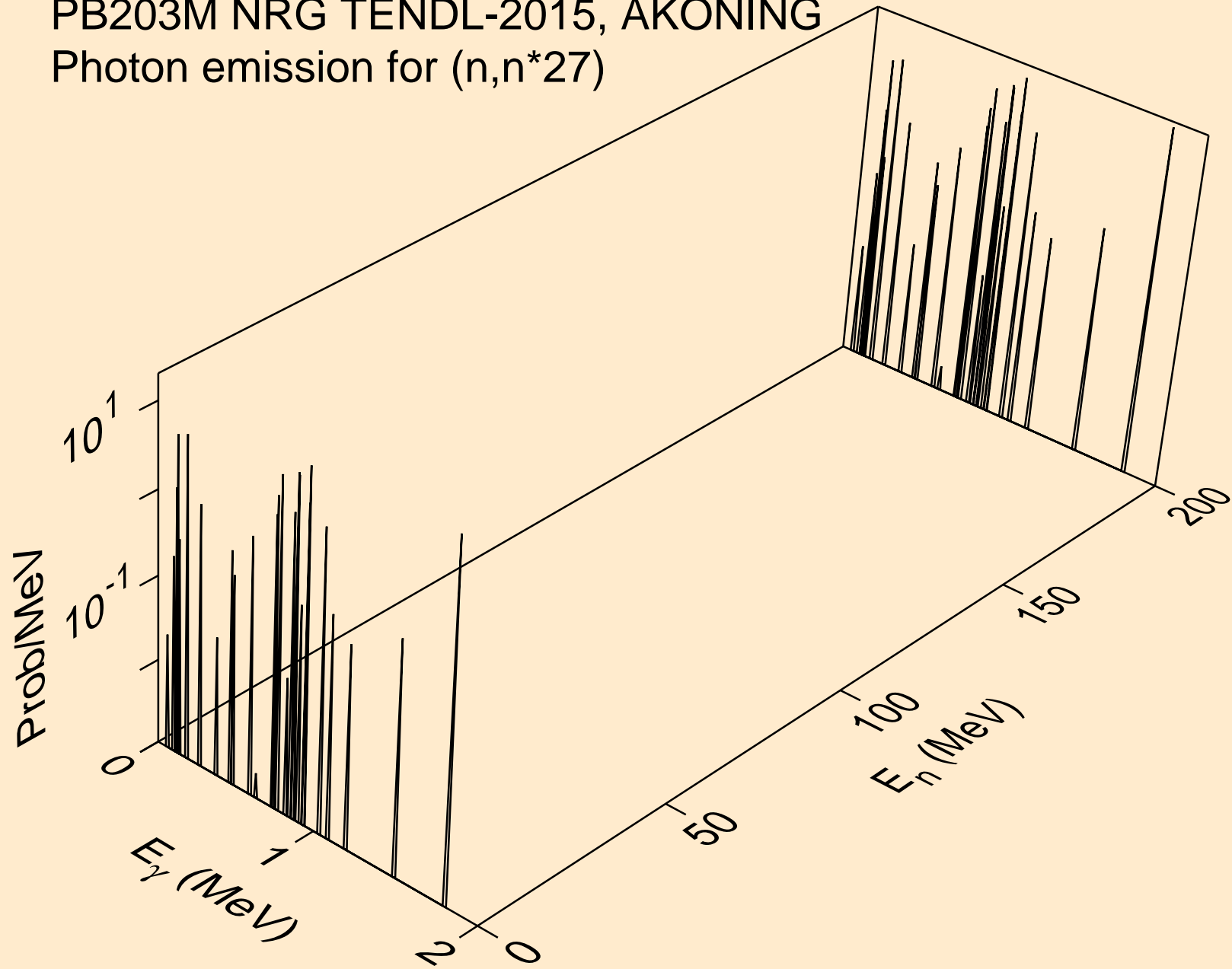
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Photon emission for (n,n\*25)



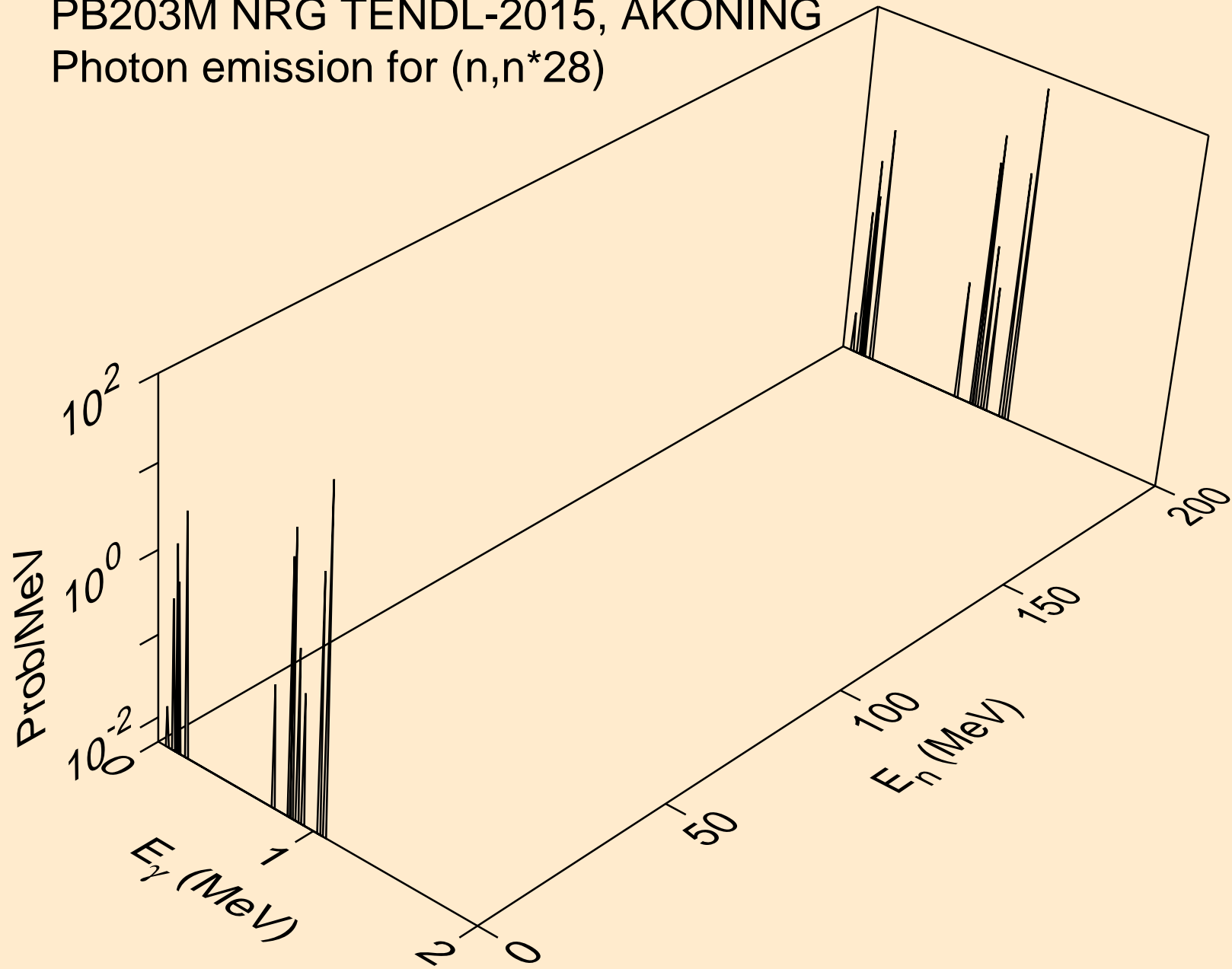
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Photon emission for (n,n\*26)



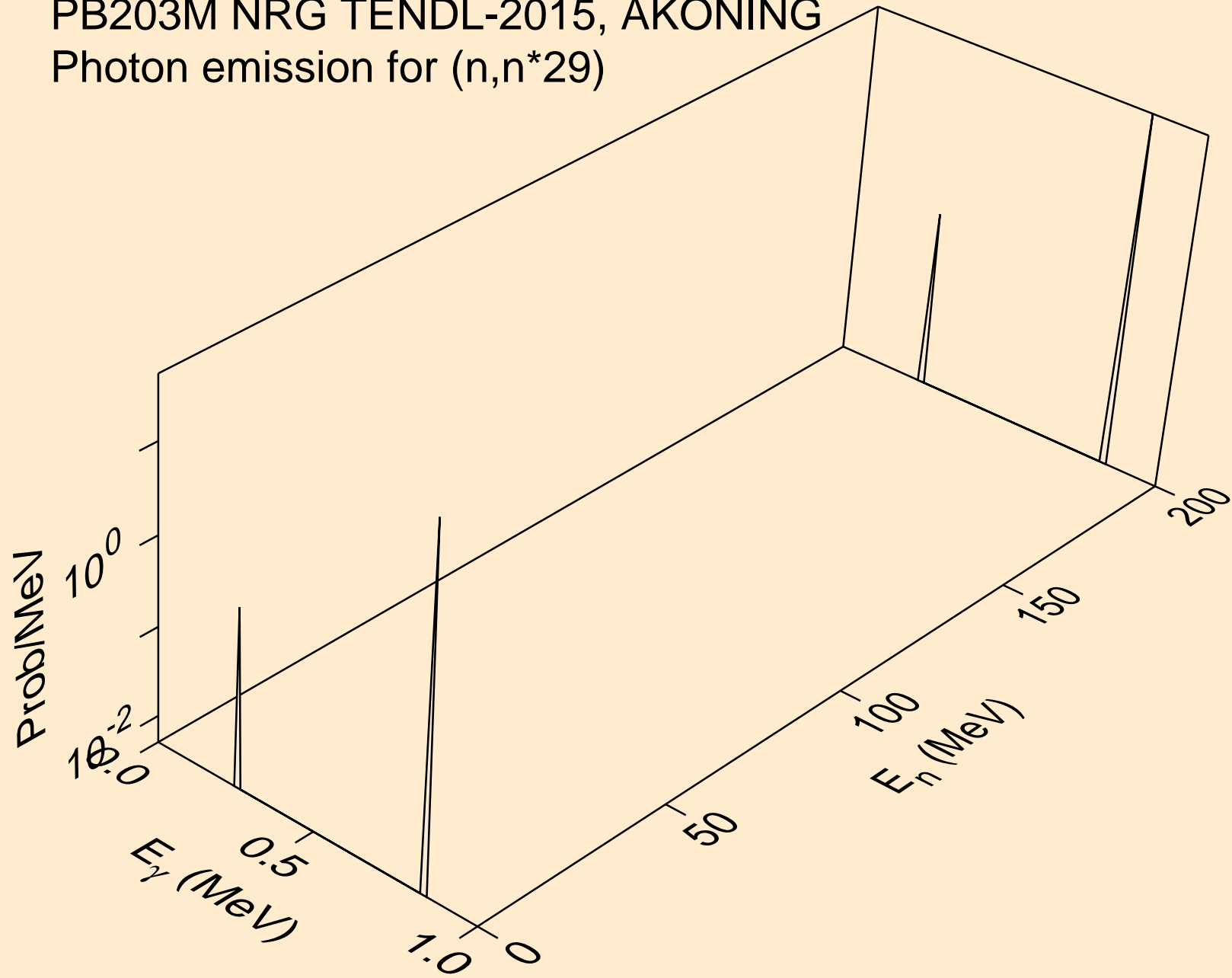
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Photon emission for (n,n\*27)



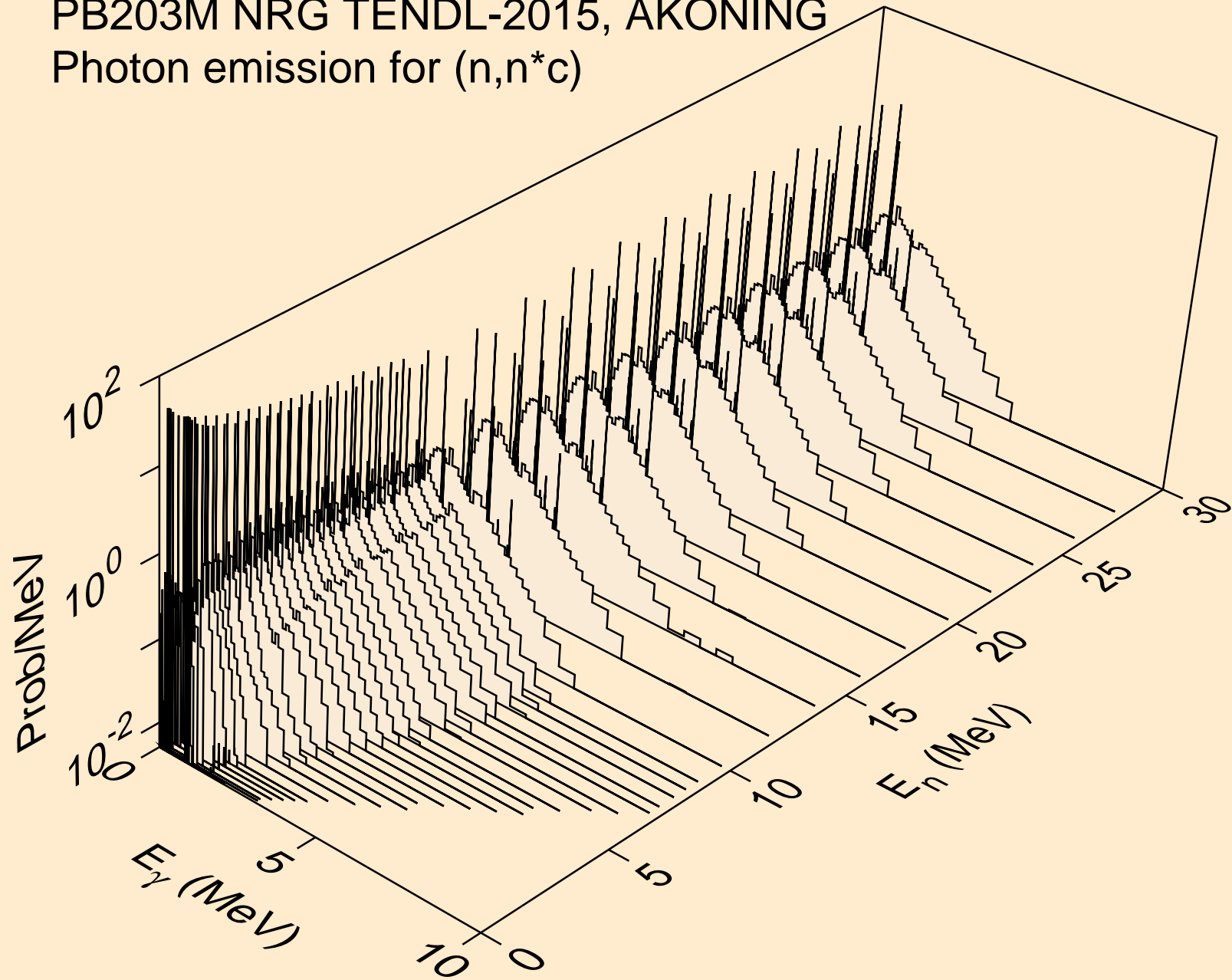
PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*28)



PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*29)

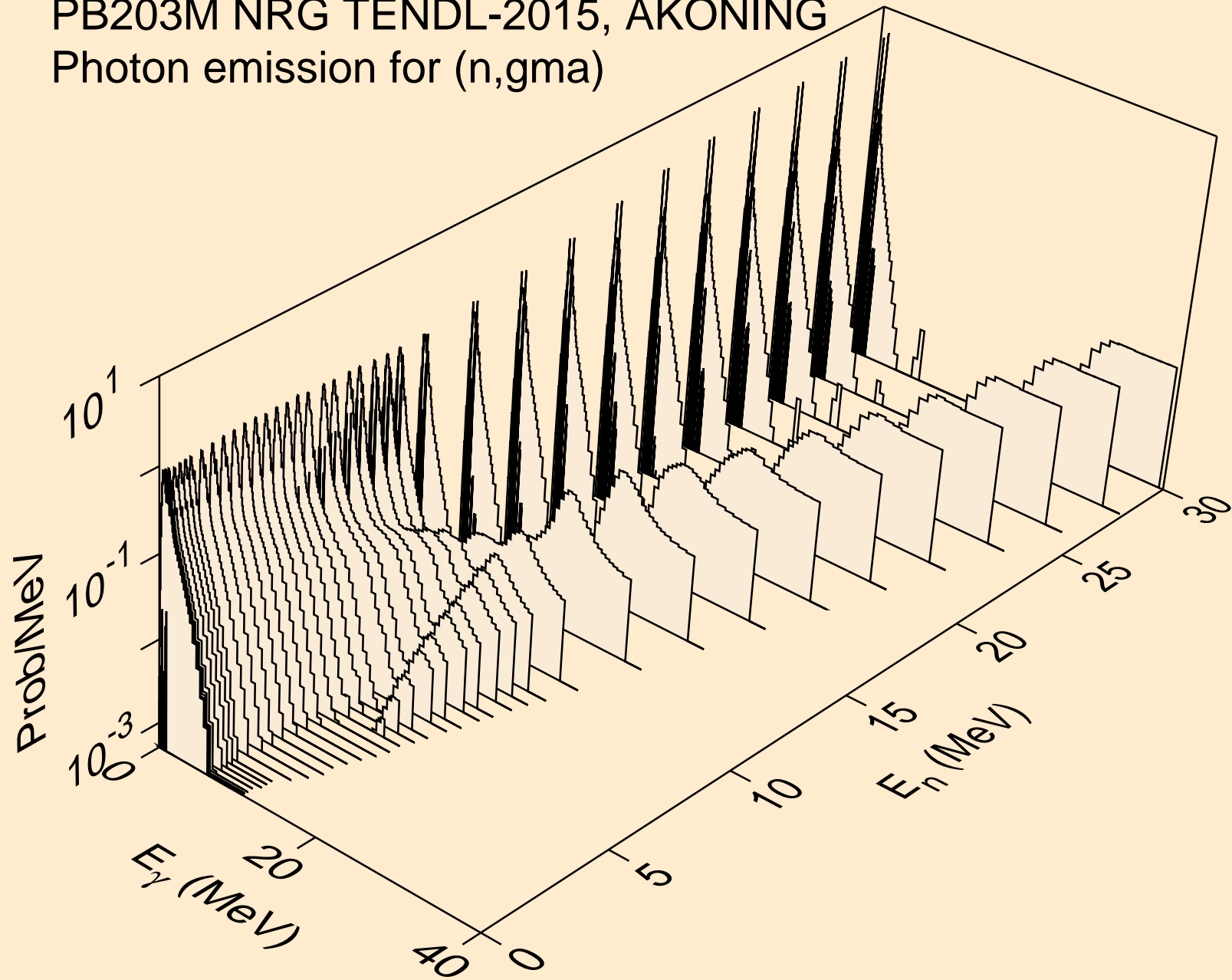


PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

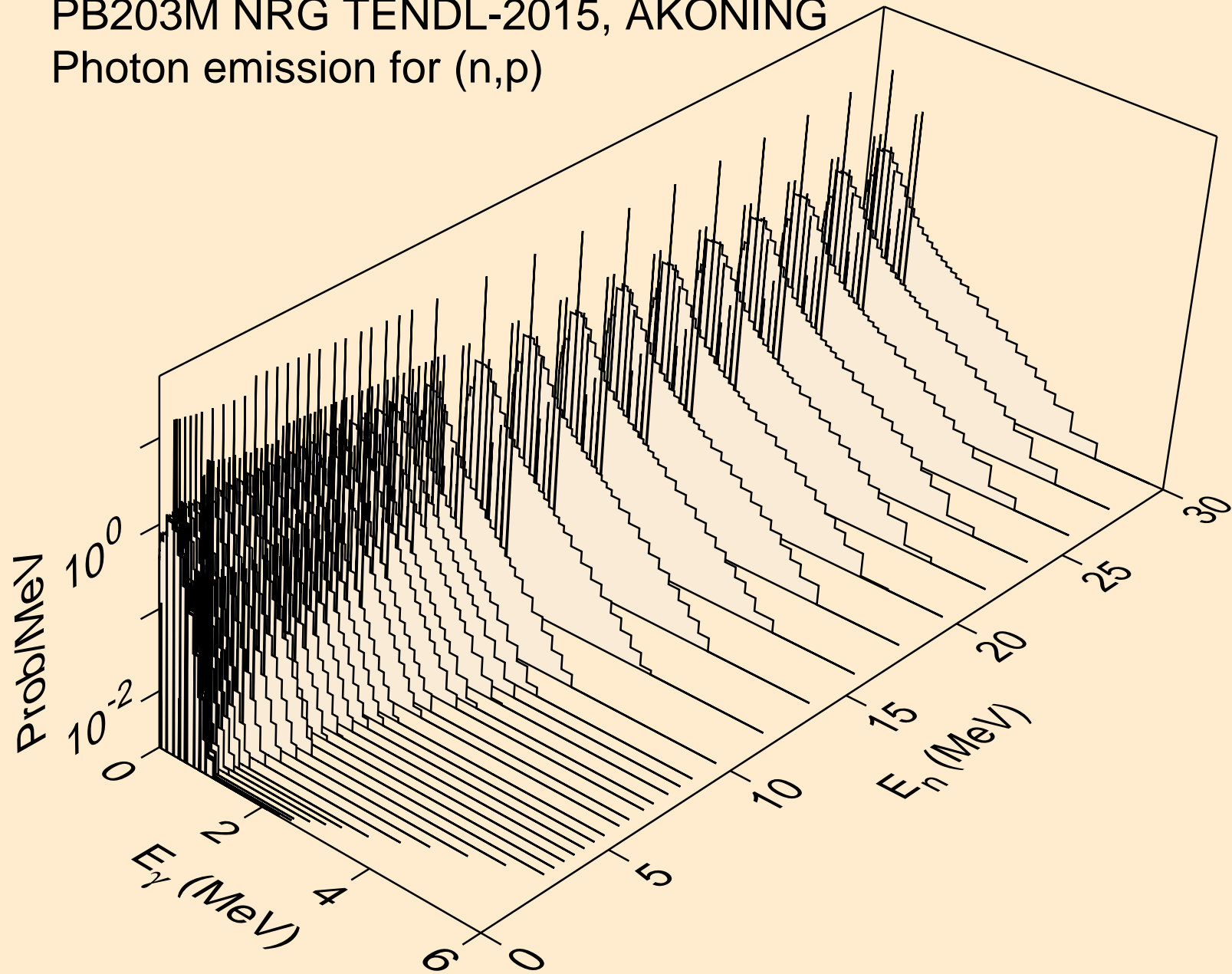




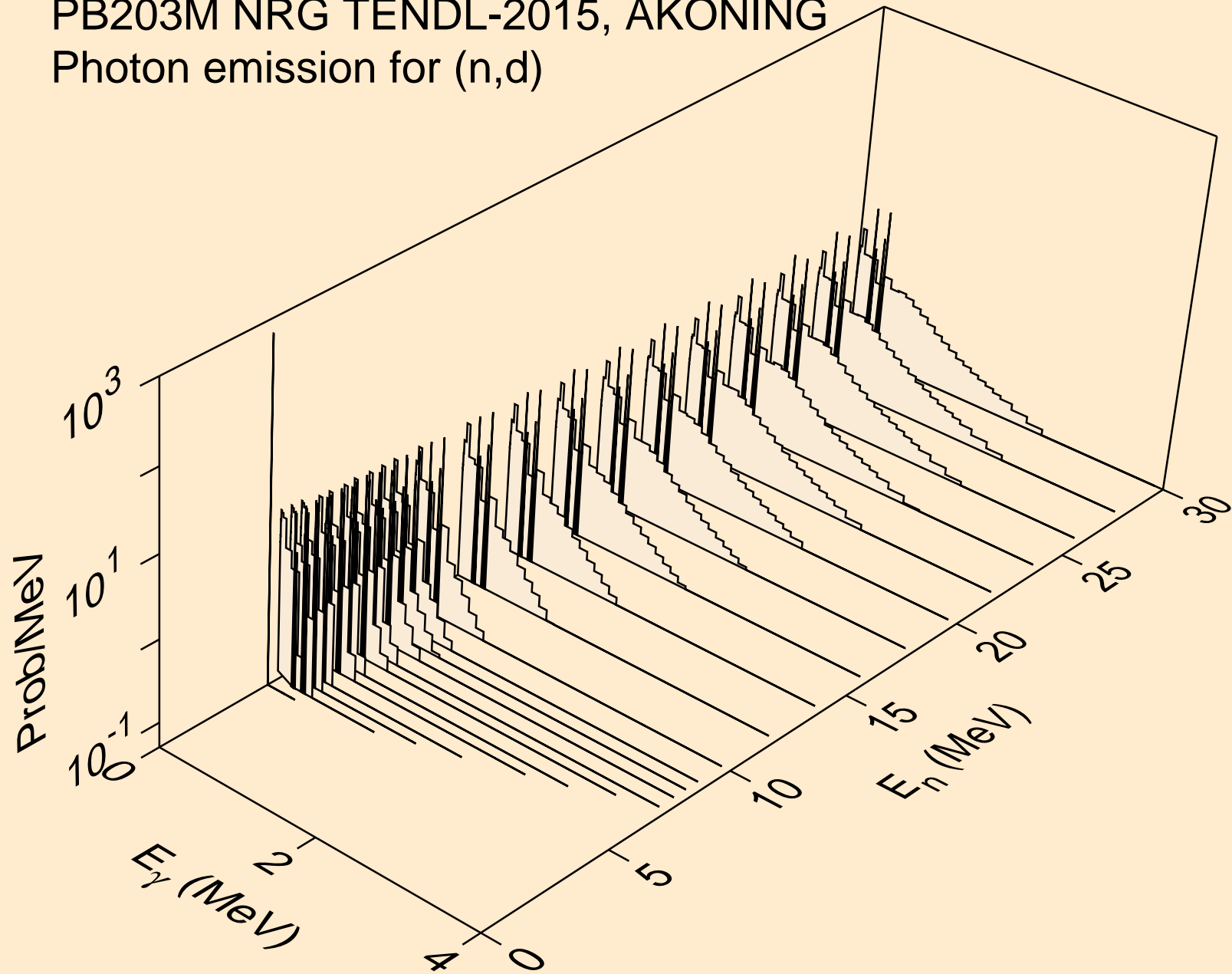
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Photon emission for (n,gma)



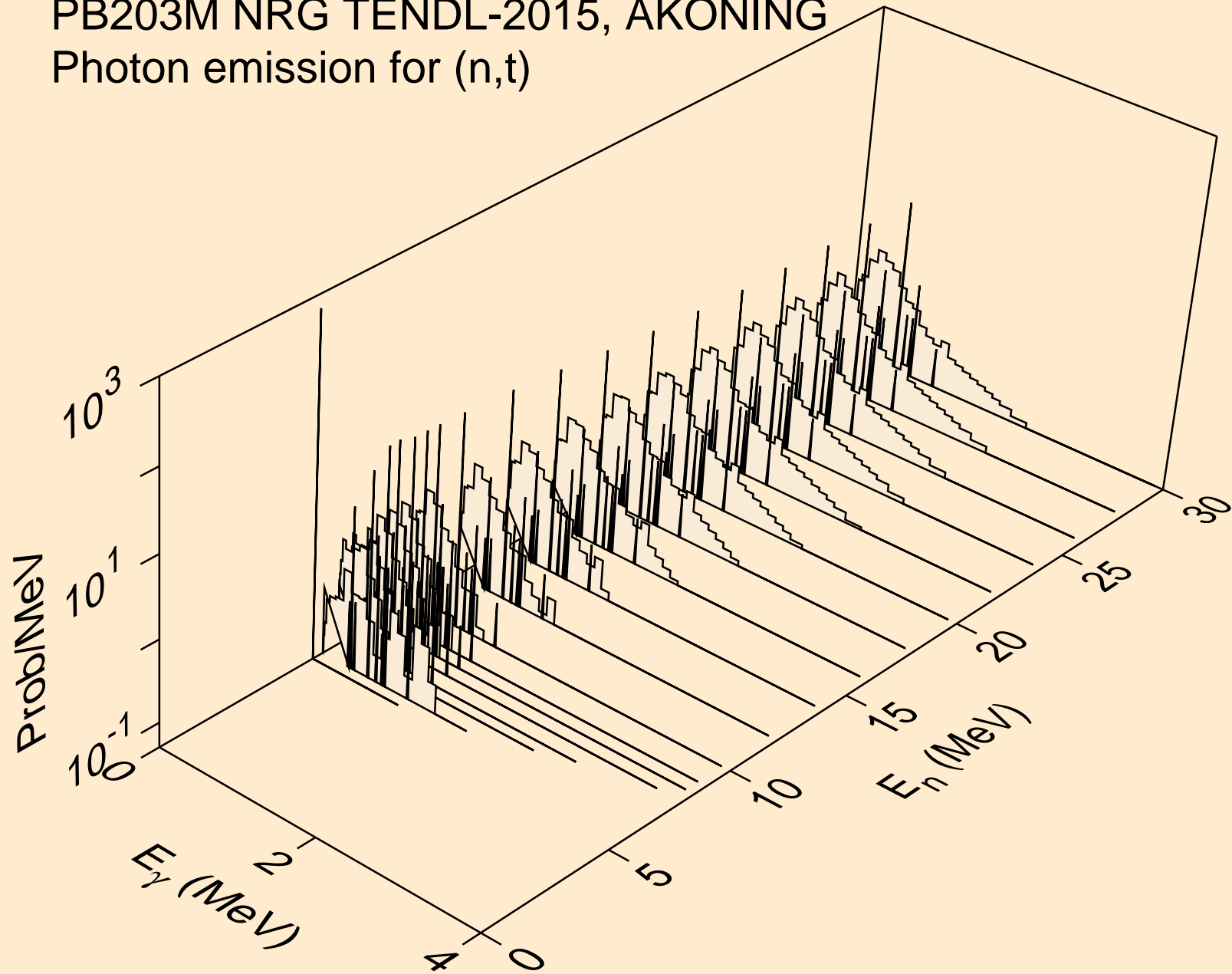
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Photon emission for (n,p)



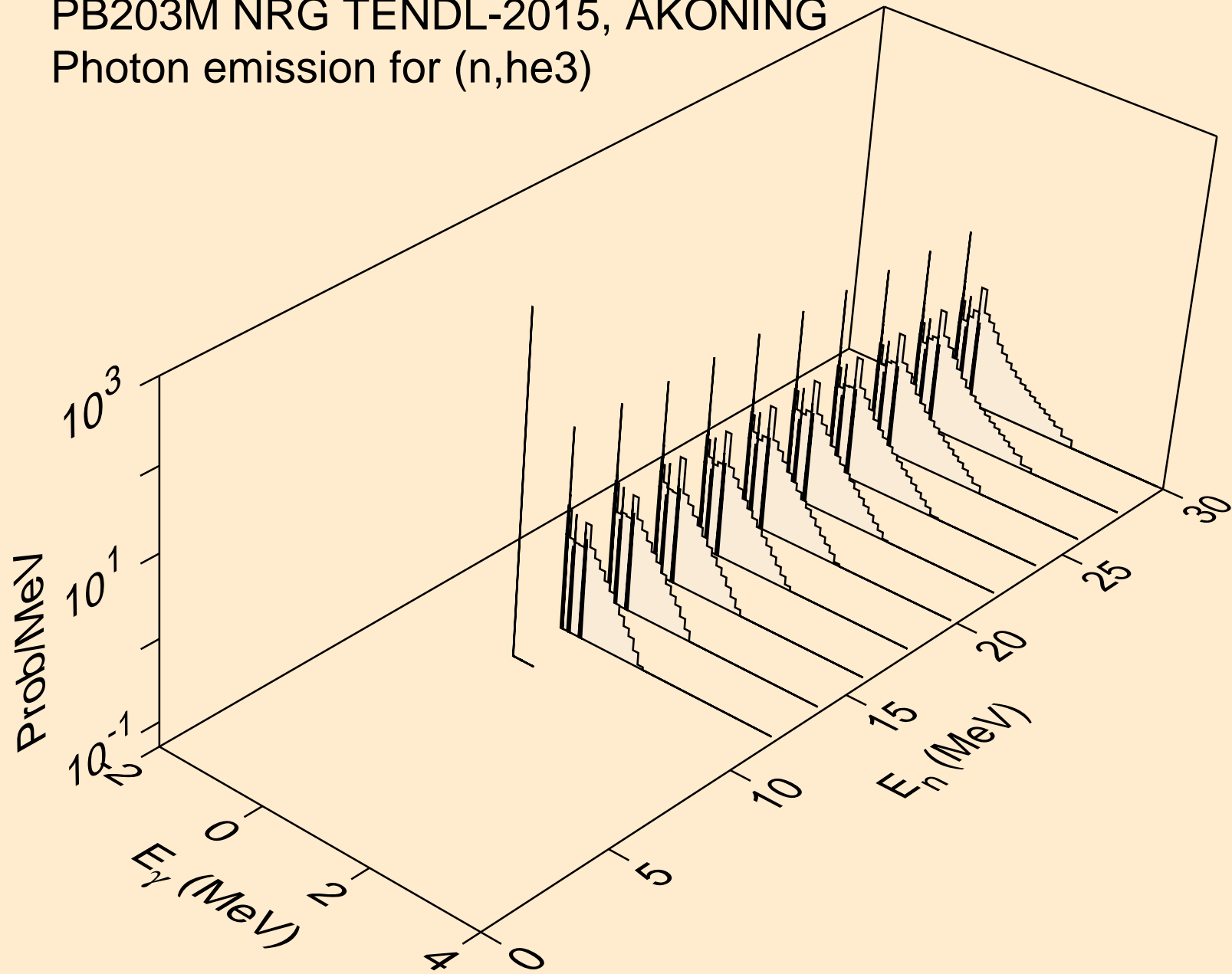
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Photon emission for (n,d)



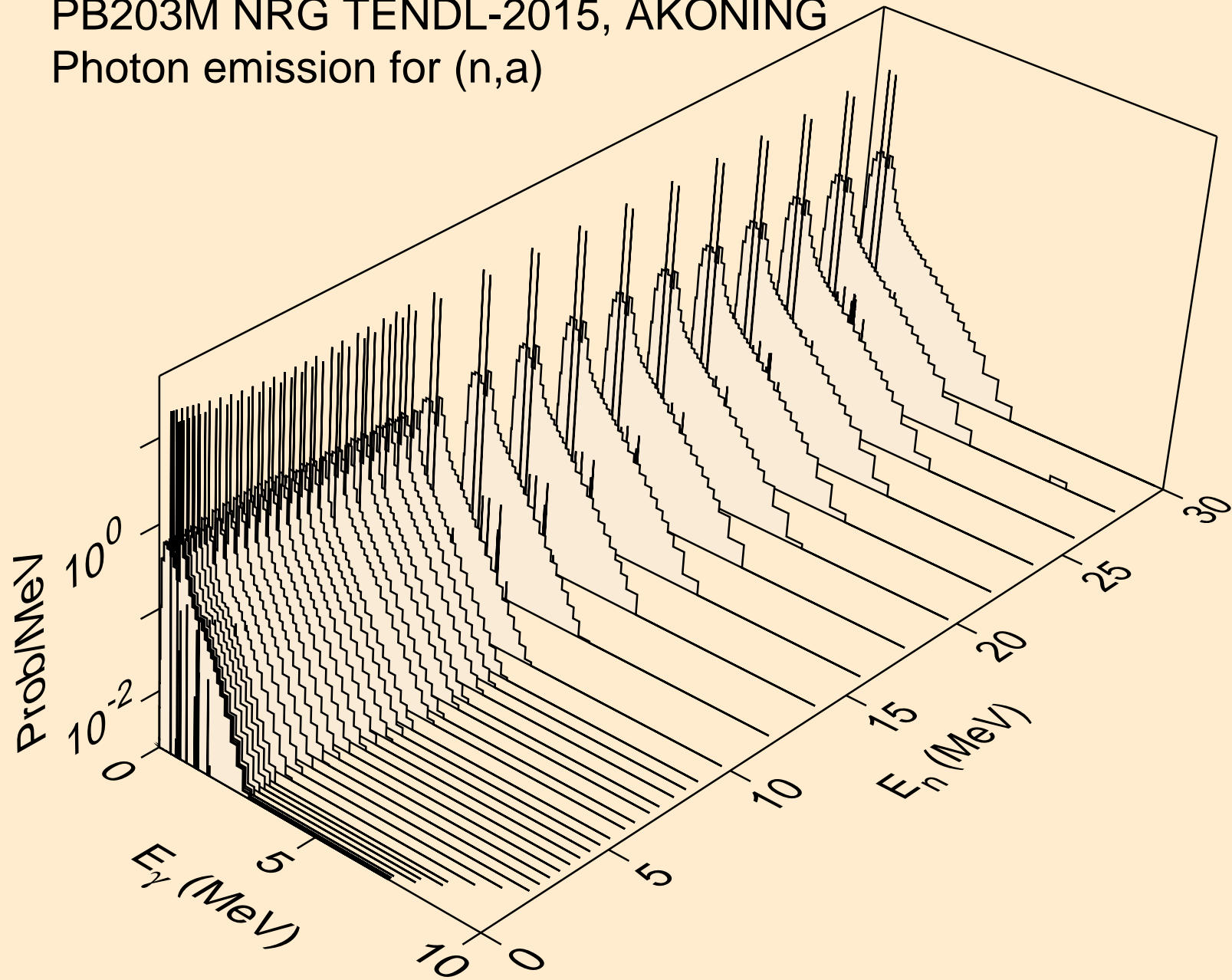
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Photon emission for (n,t)



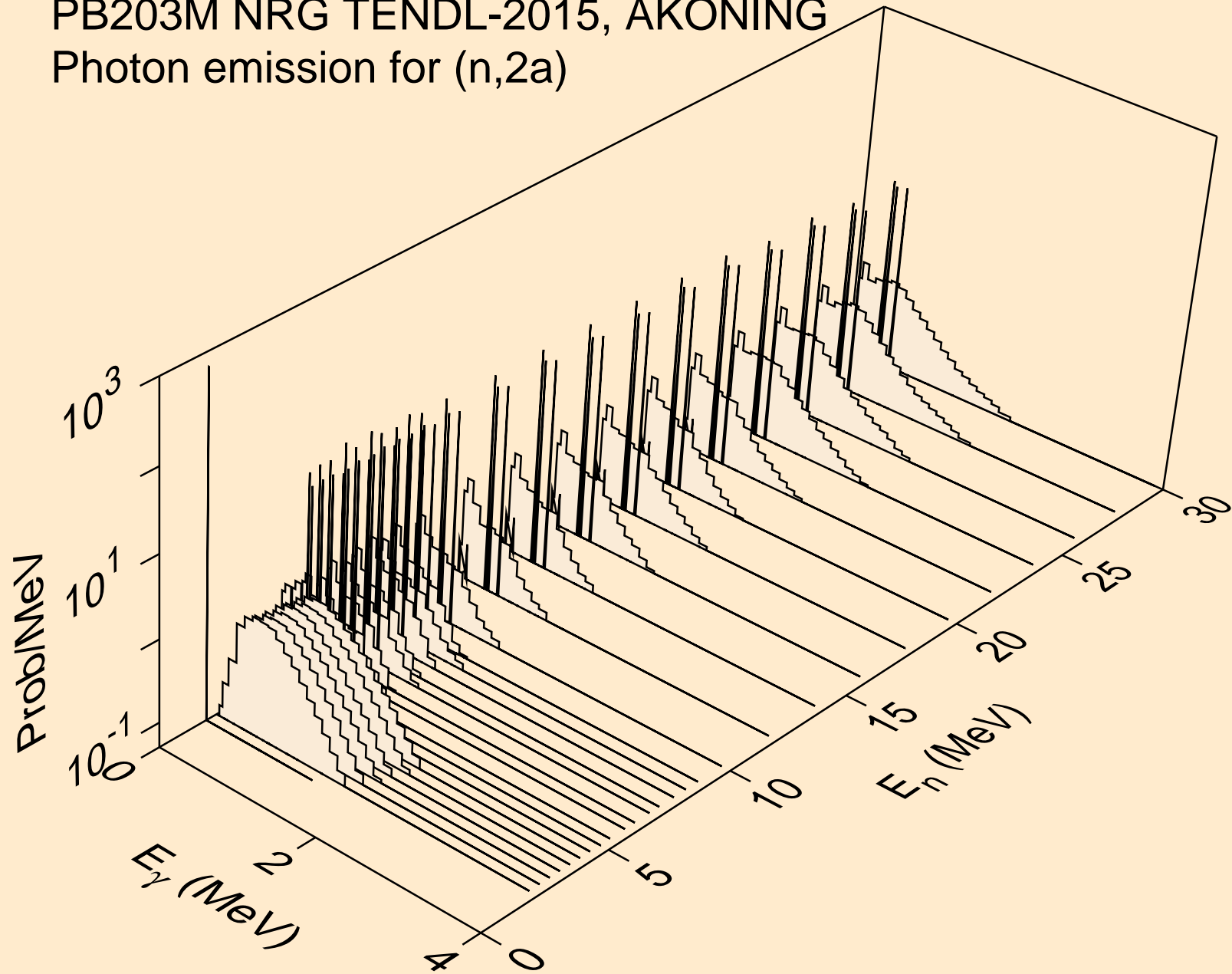
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Photon emission for (n,he3)



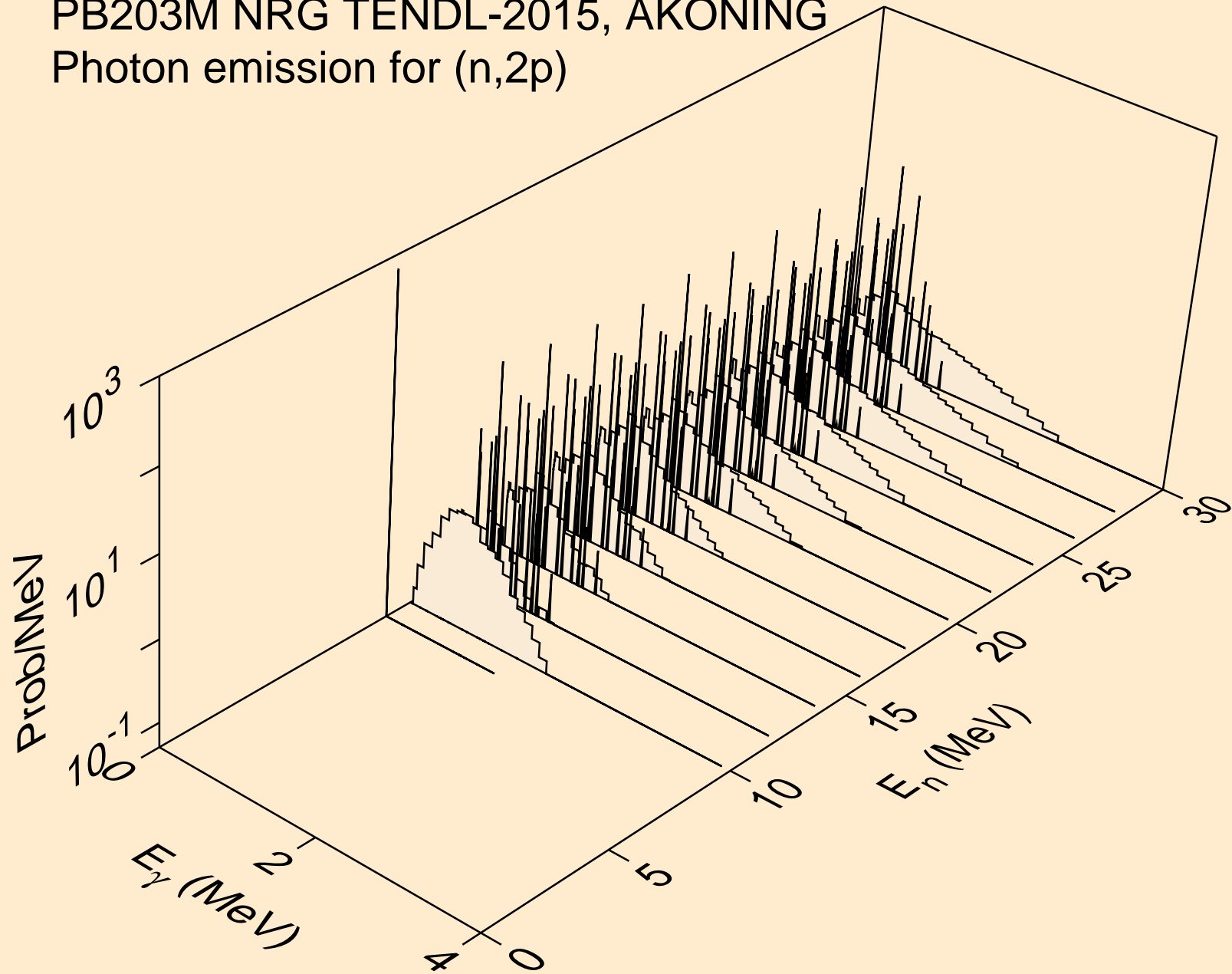
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Photon emission for (n,a)



PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

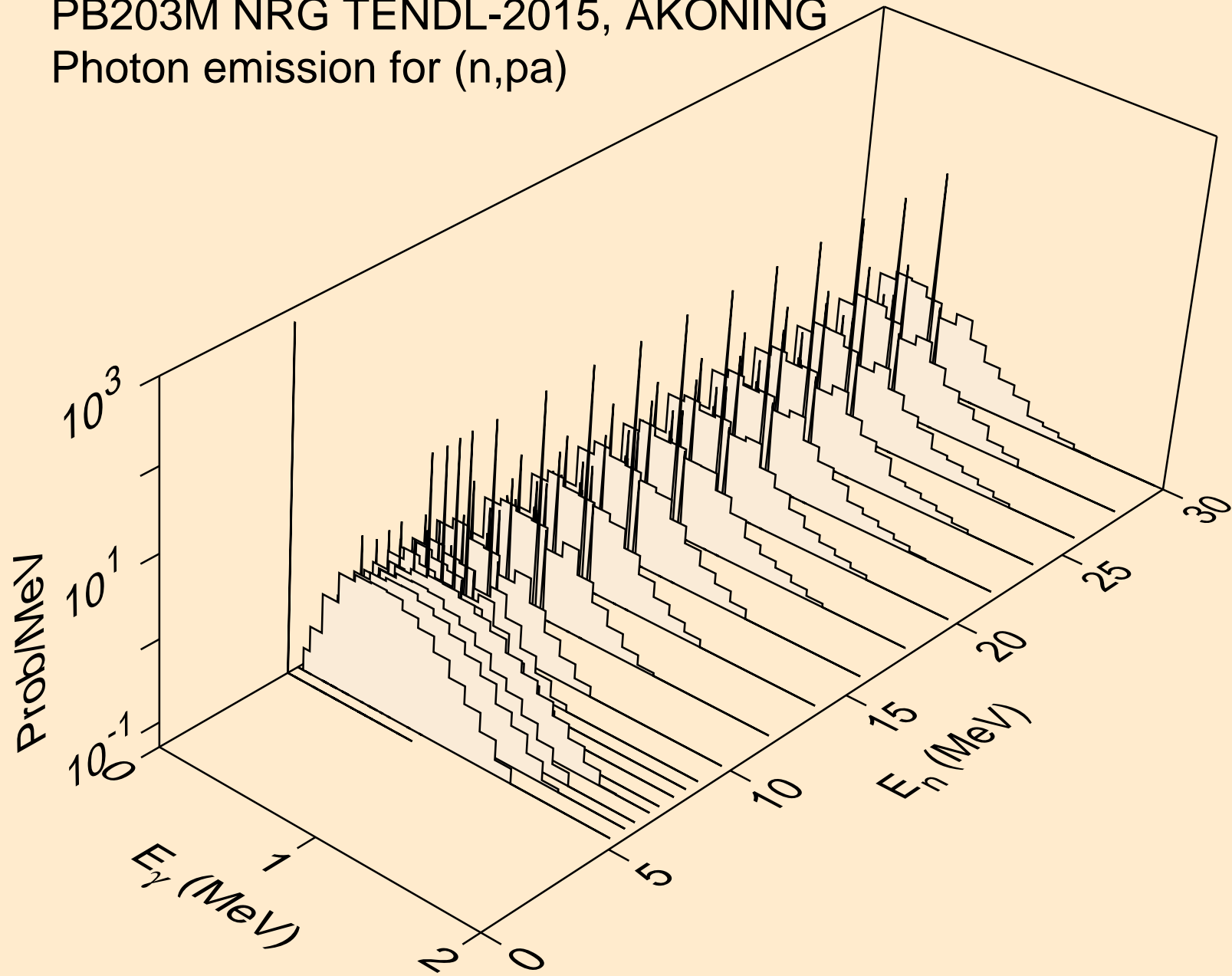


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Photon emission for (n,2p)

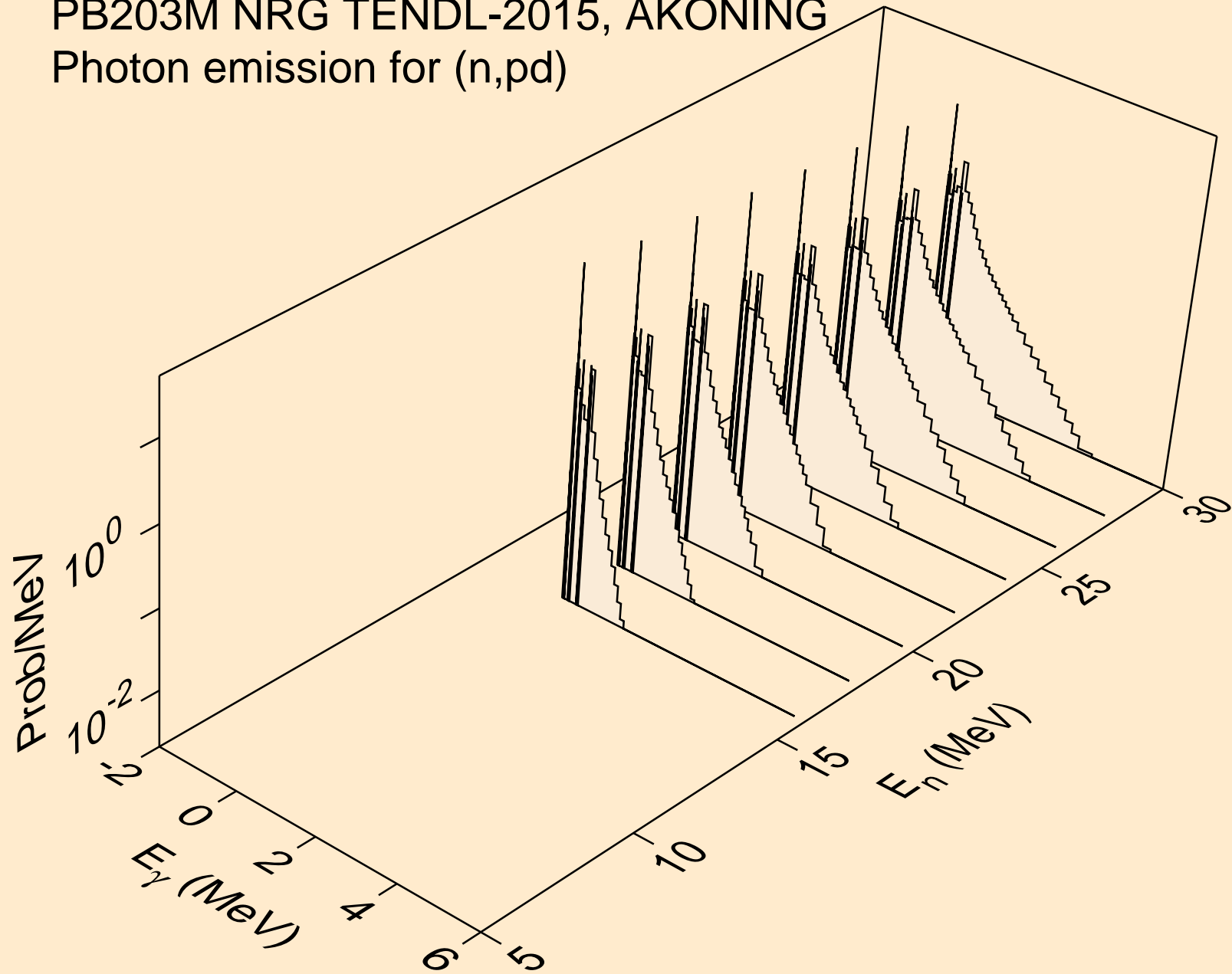




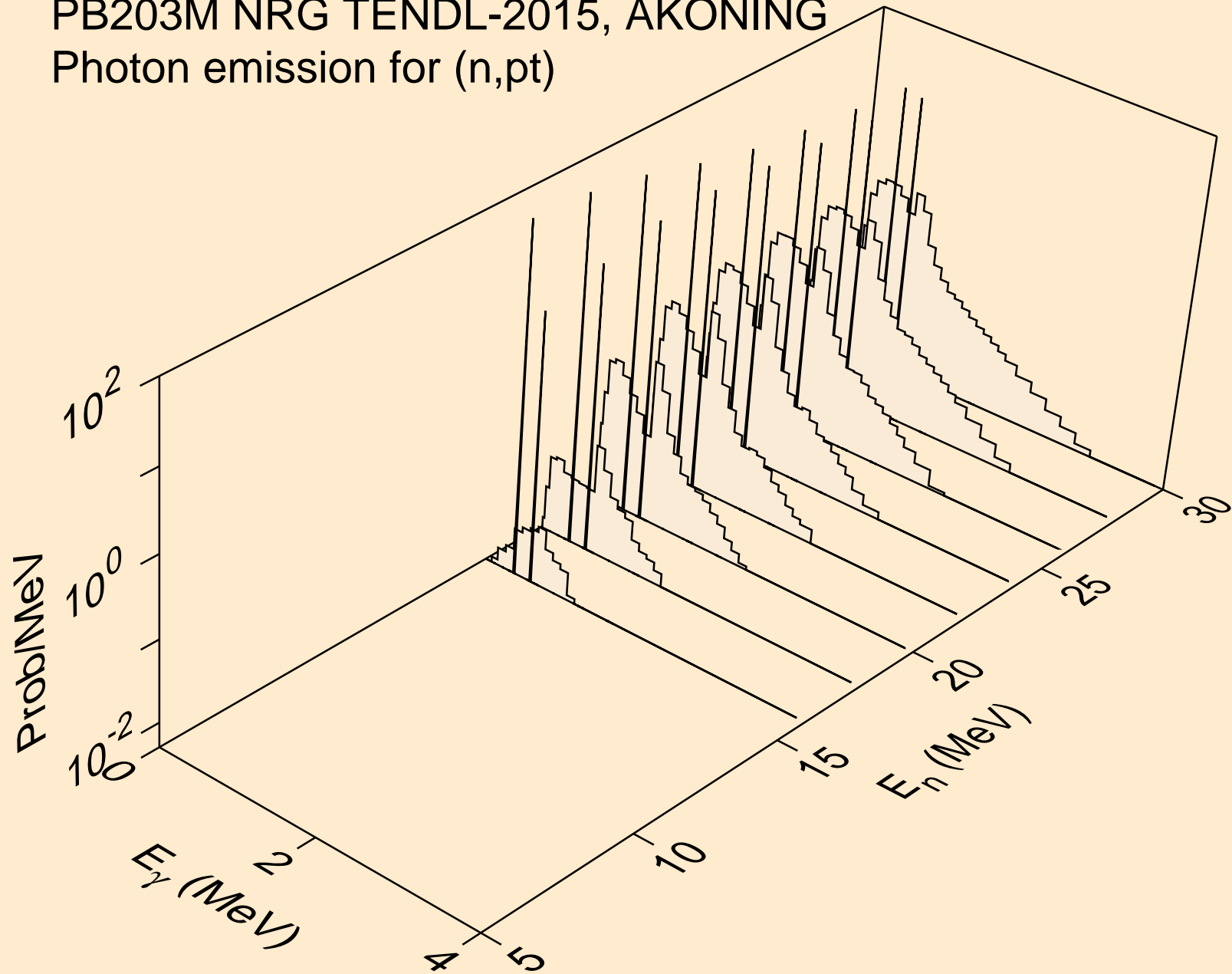
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Photon emission for (n,p $\alpha$ )



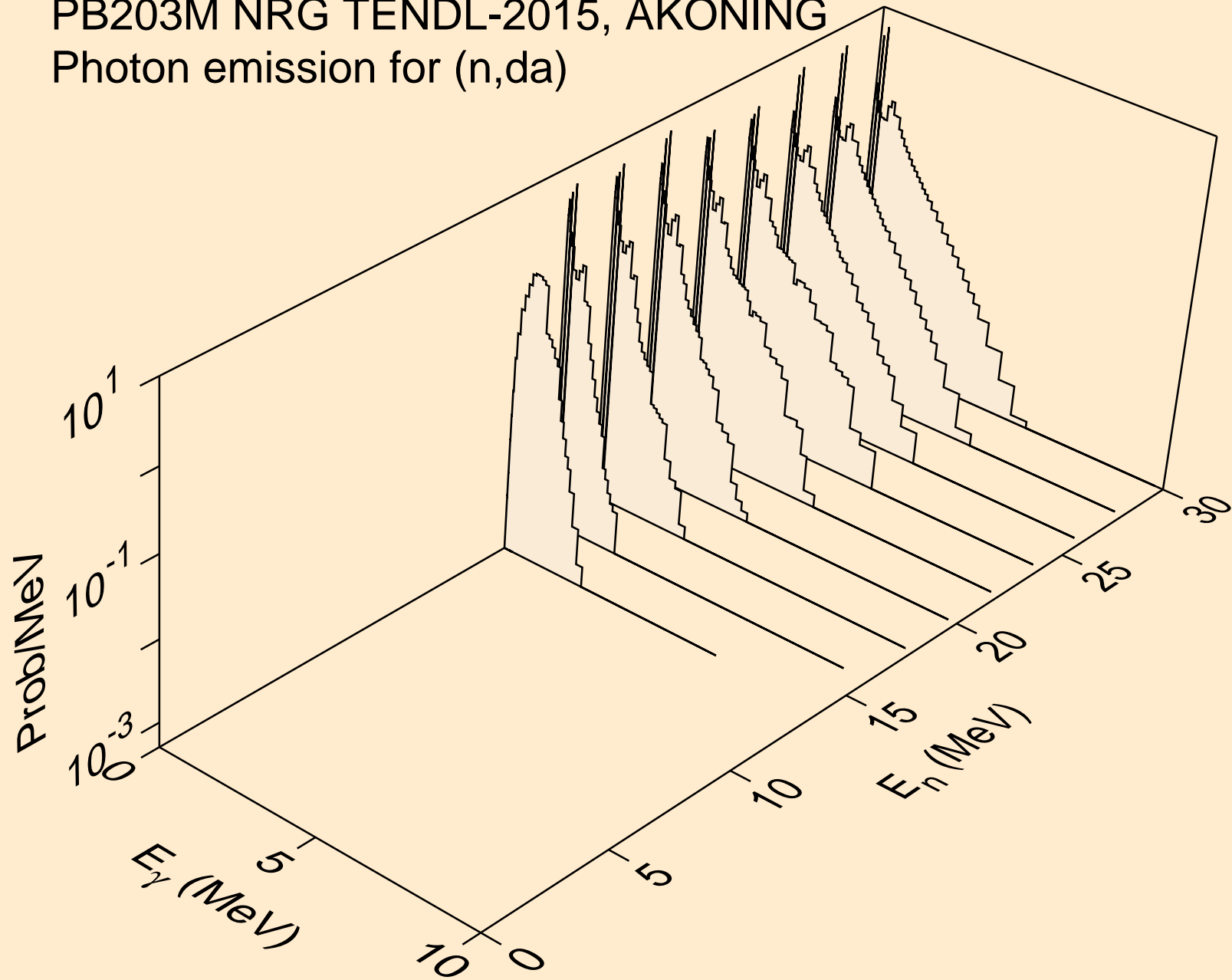
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Photon emission for (n,pd)



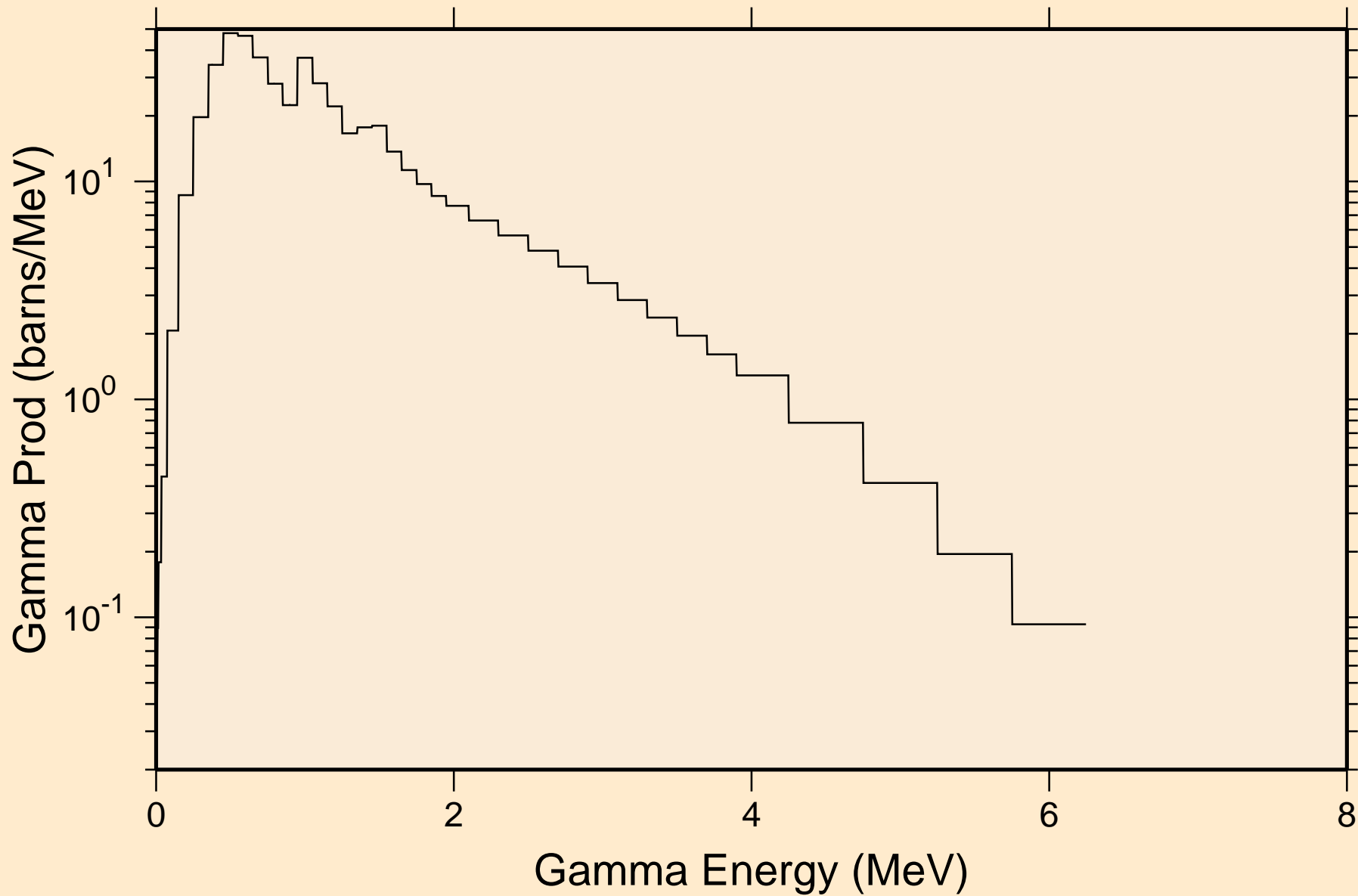
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Photon emission for (n,pt)



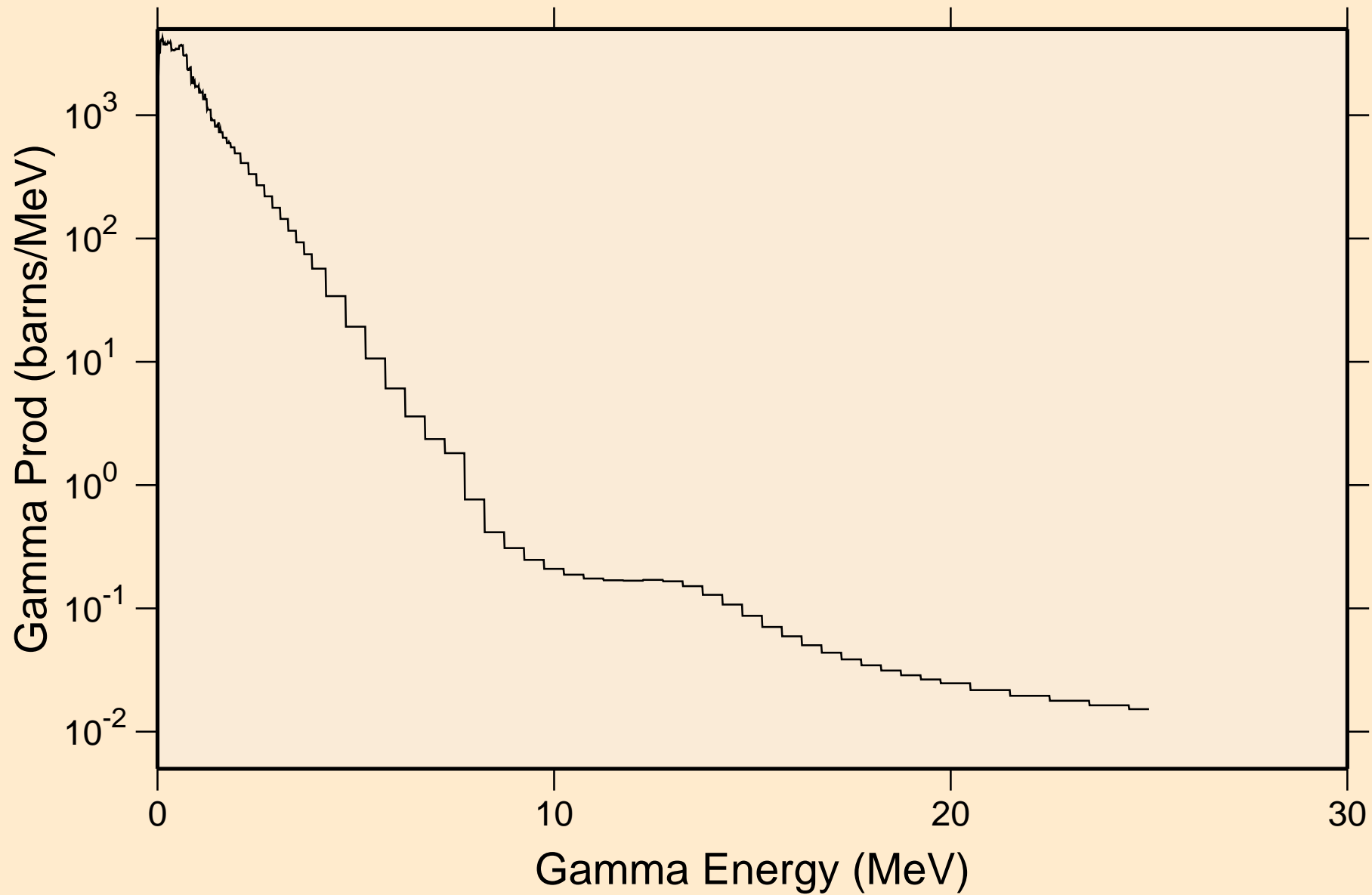
PB203M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PB203M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

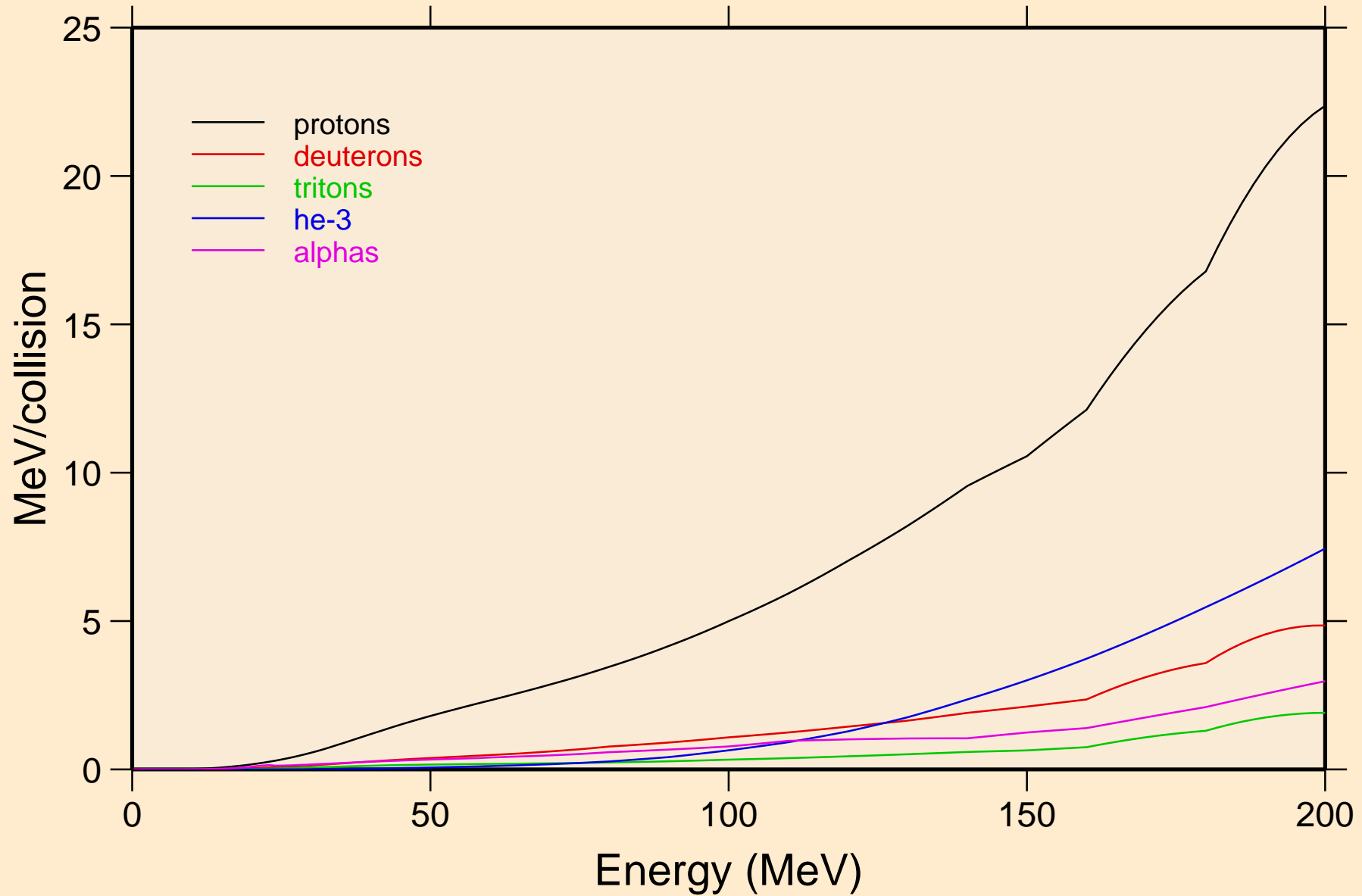


PB203M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



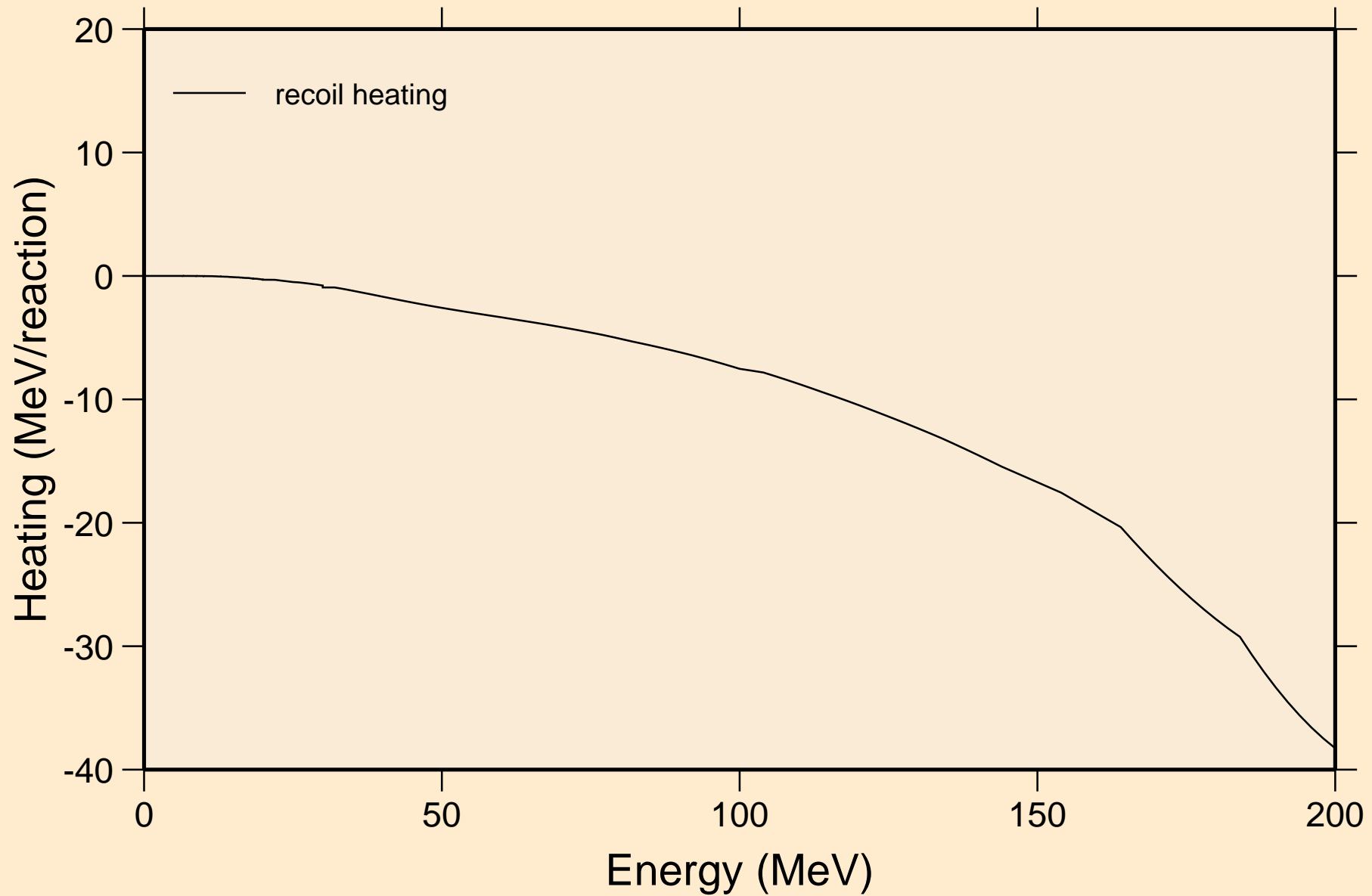
# PB203M NRG TENDL-2015, AKONING

## Particle heating contributions



# PB203M NRG TENDL-2015, AKONING

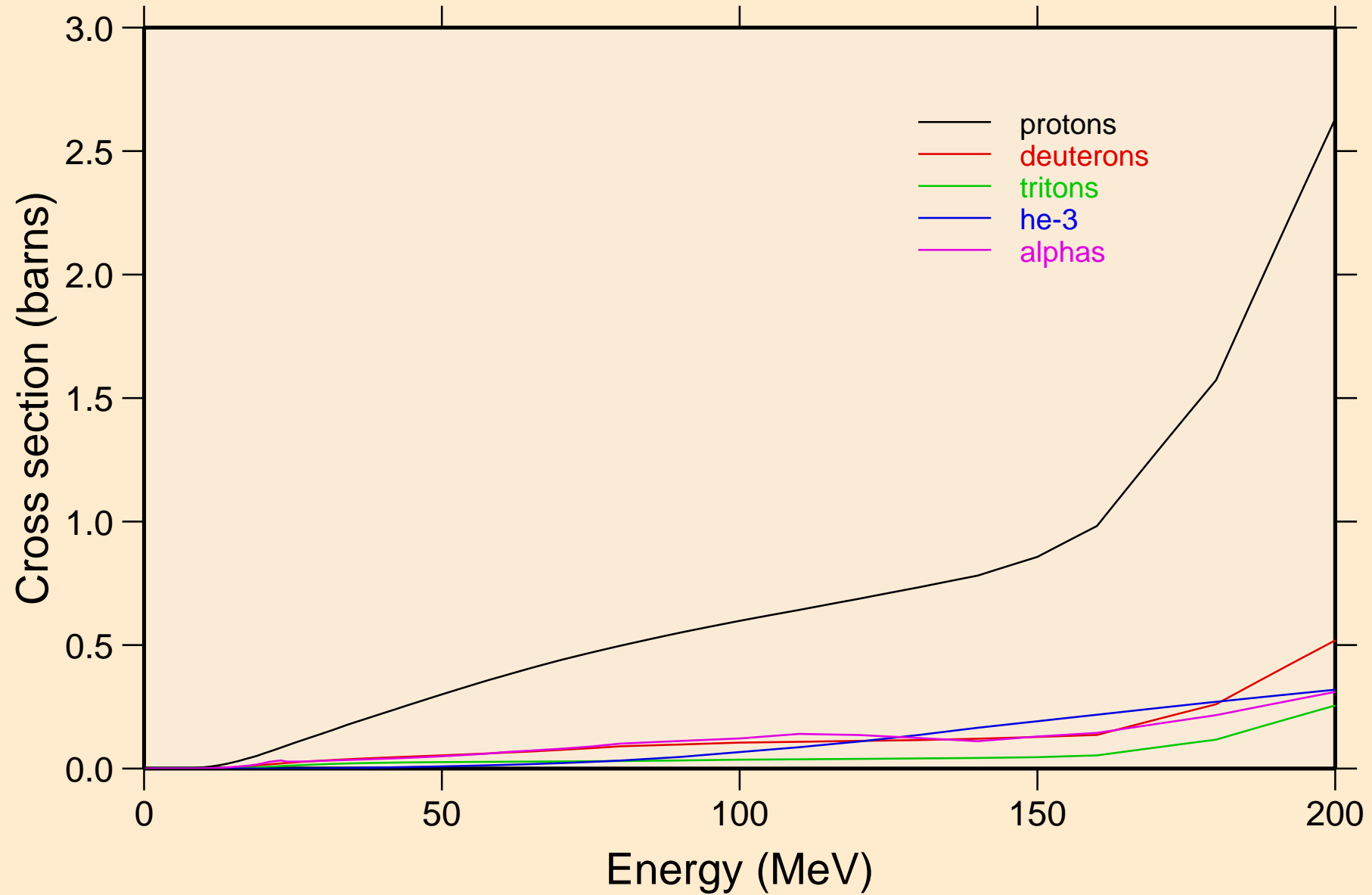
## Recoil Heating



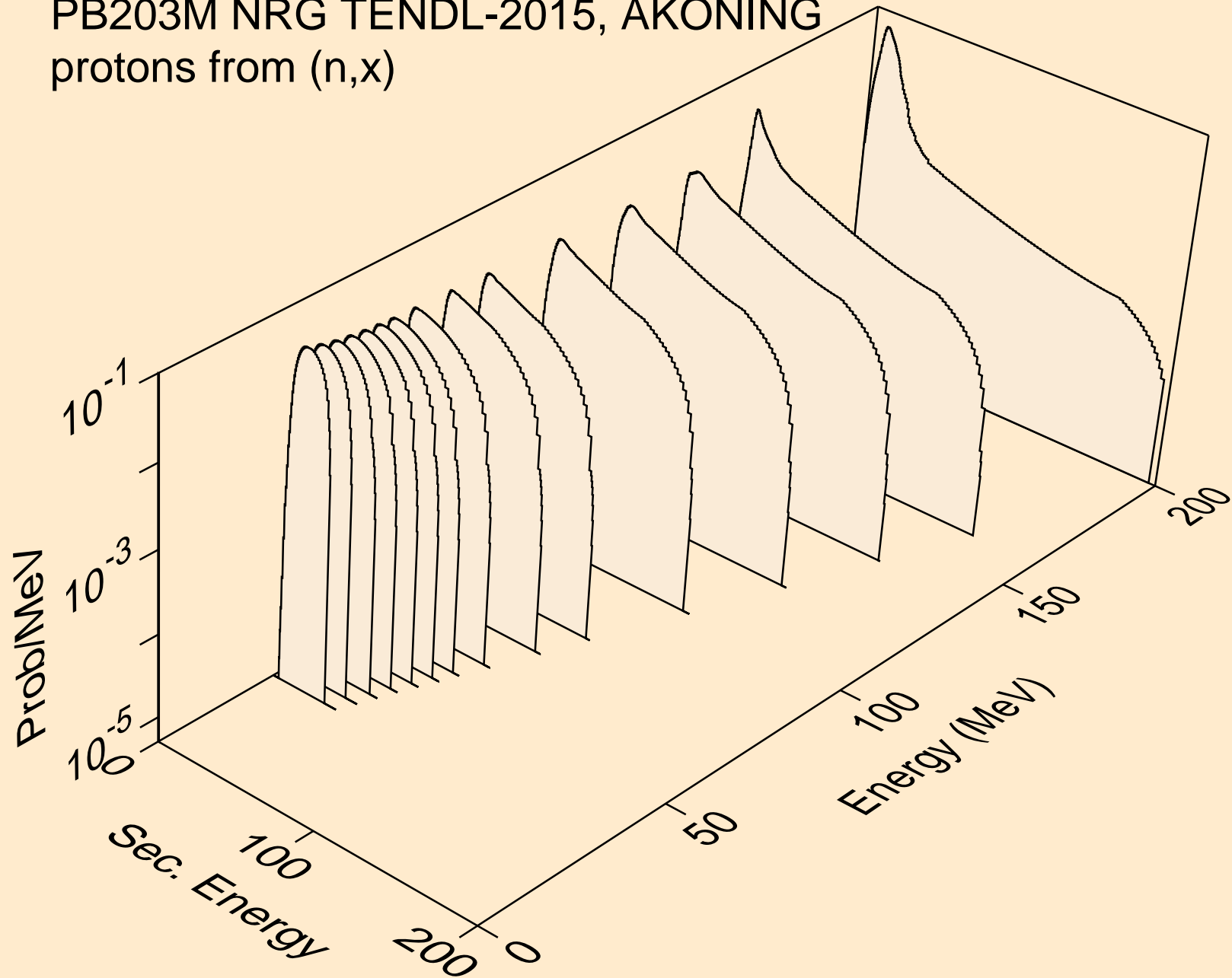


# PB203M NRG TENDL-2015, AKONING

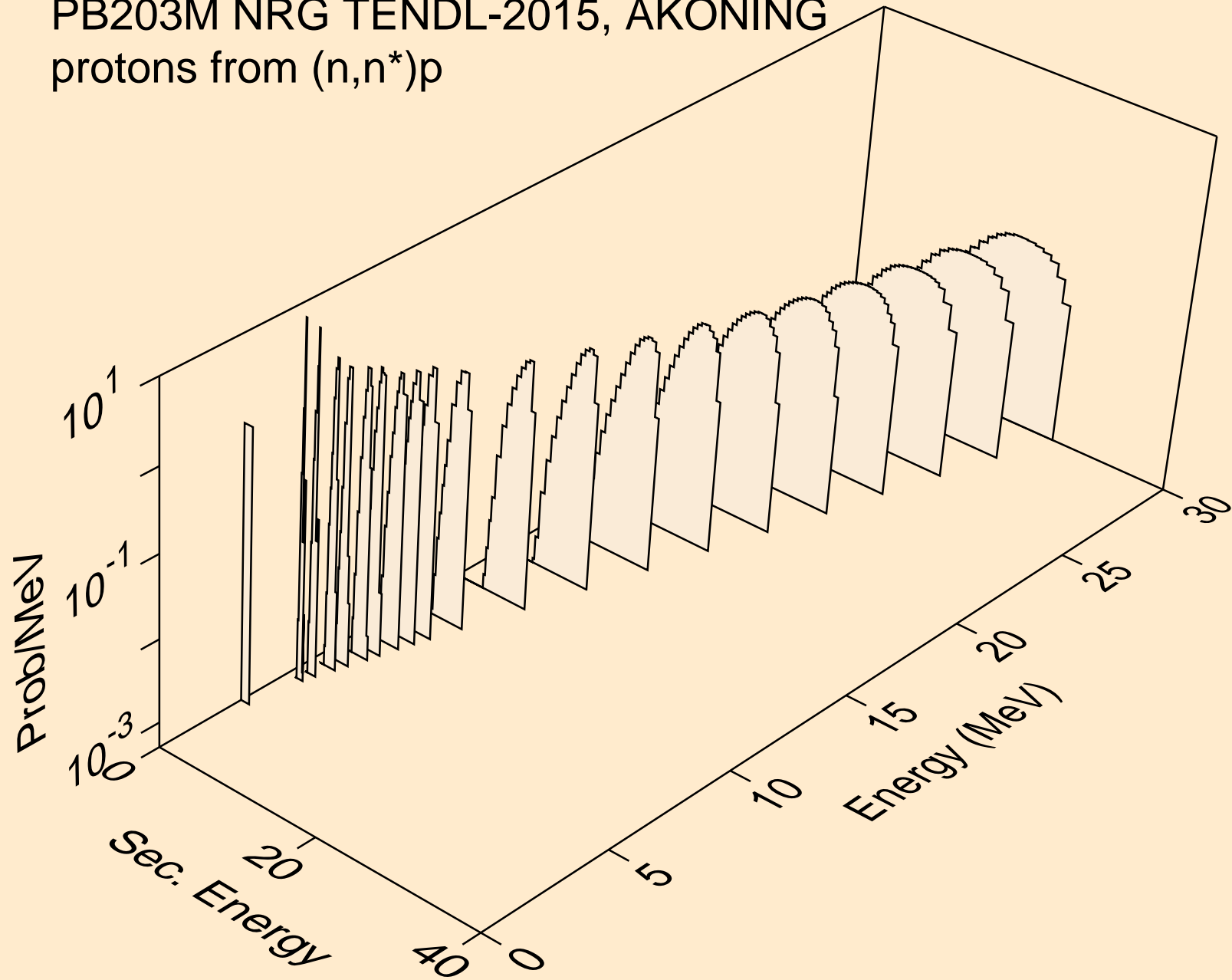
## Particle production cross sections



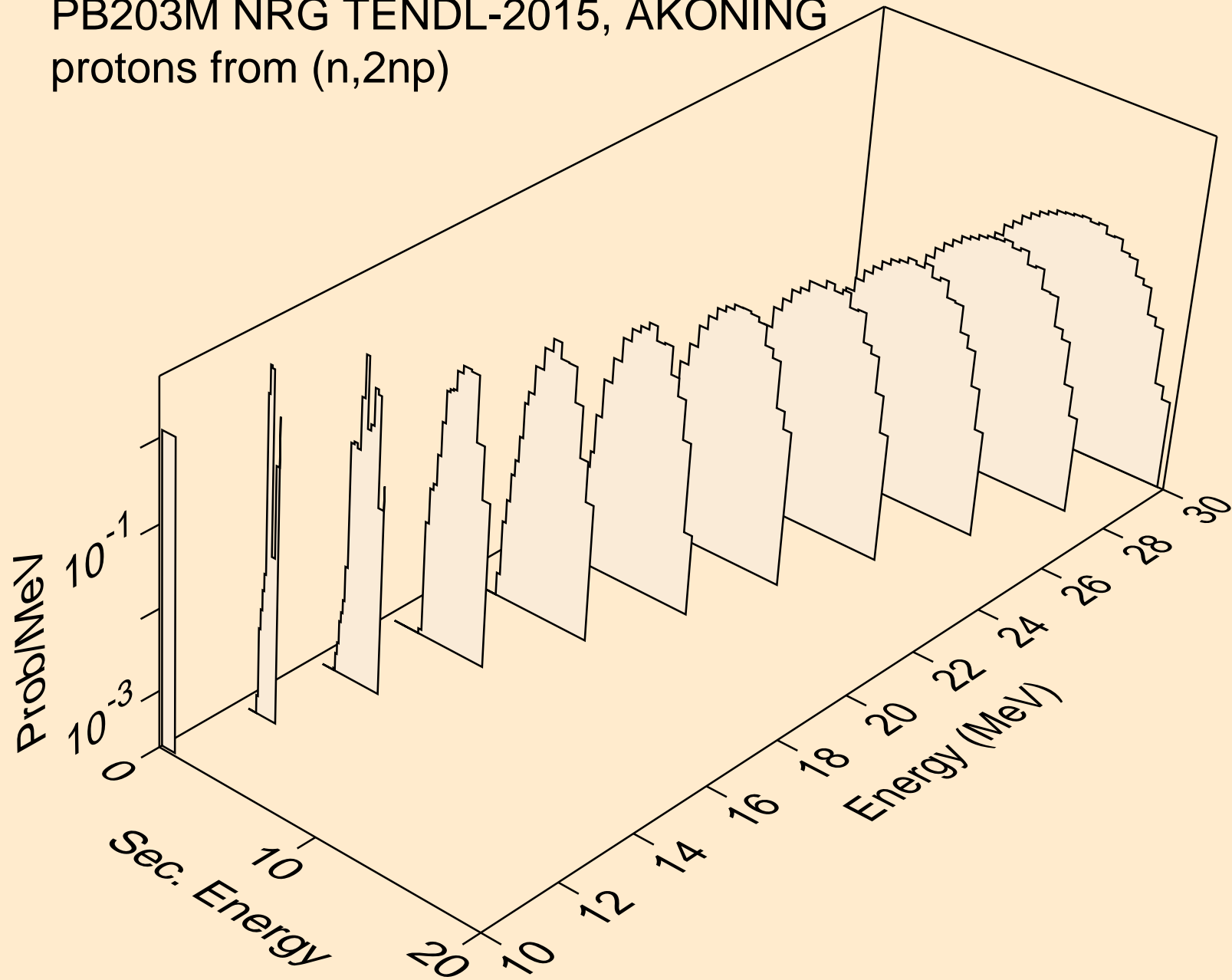
PB203M NRG TENDL-2015, AKONING  
protons from (n,x)



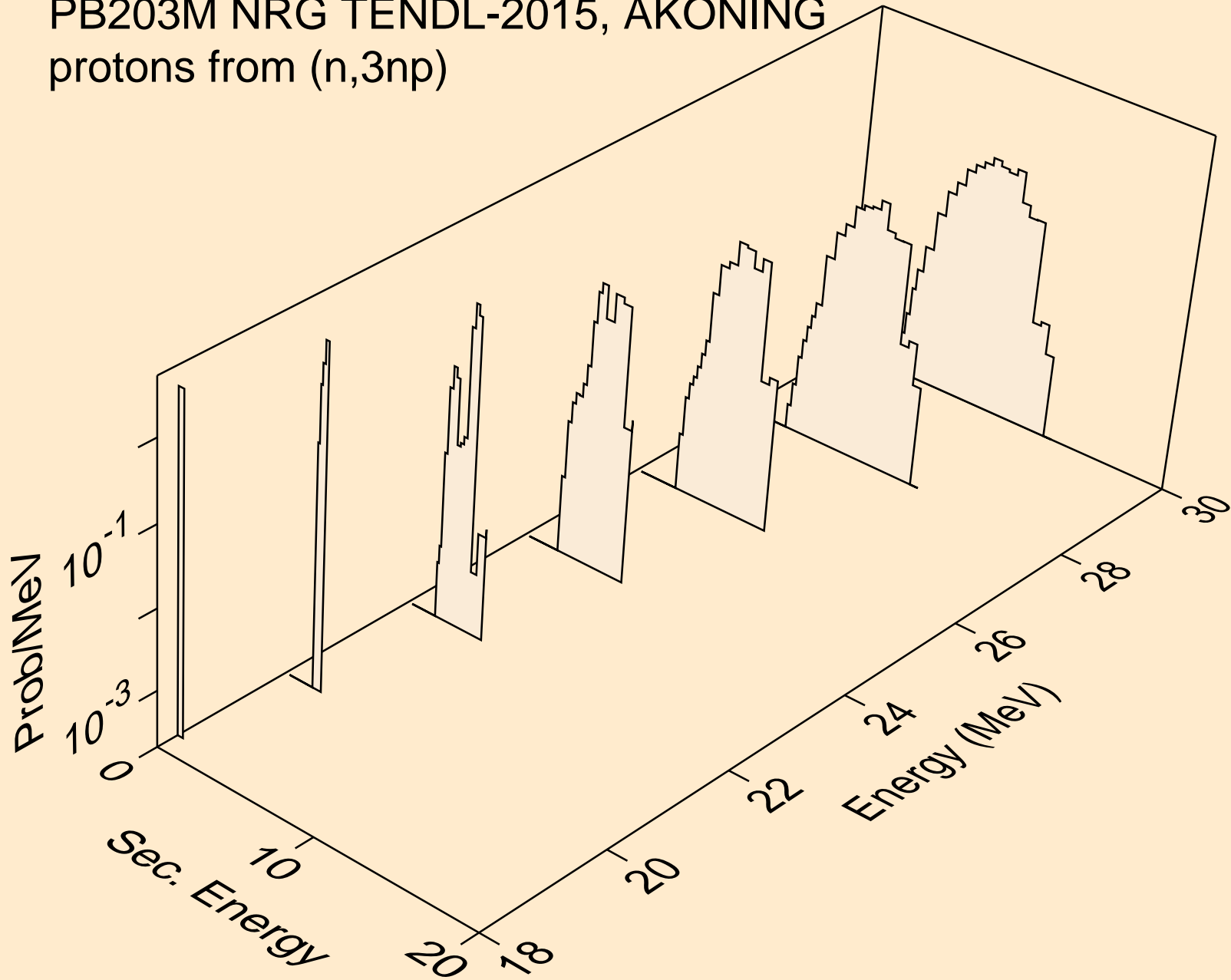
PB203M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



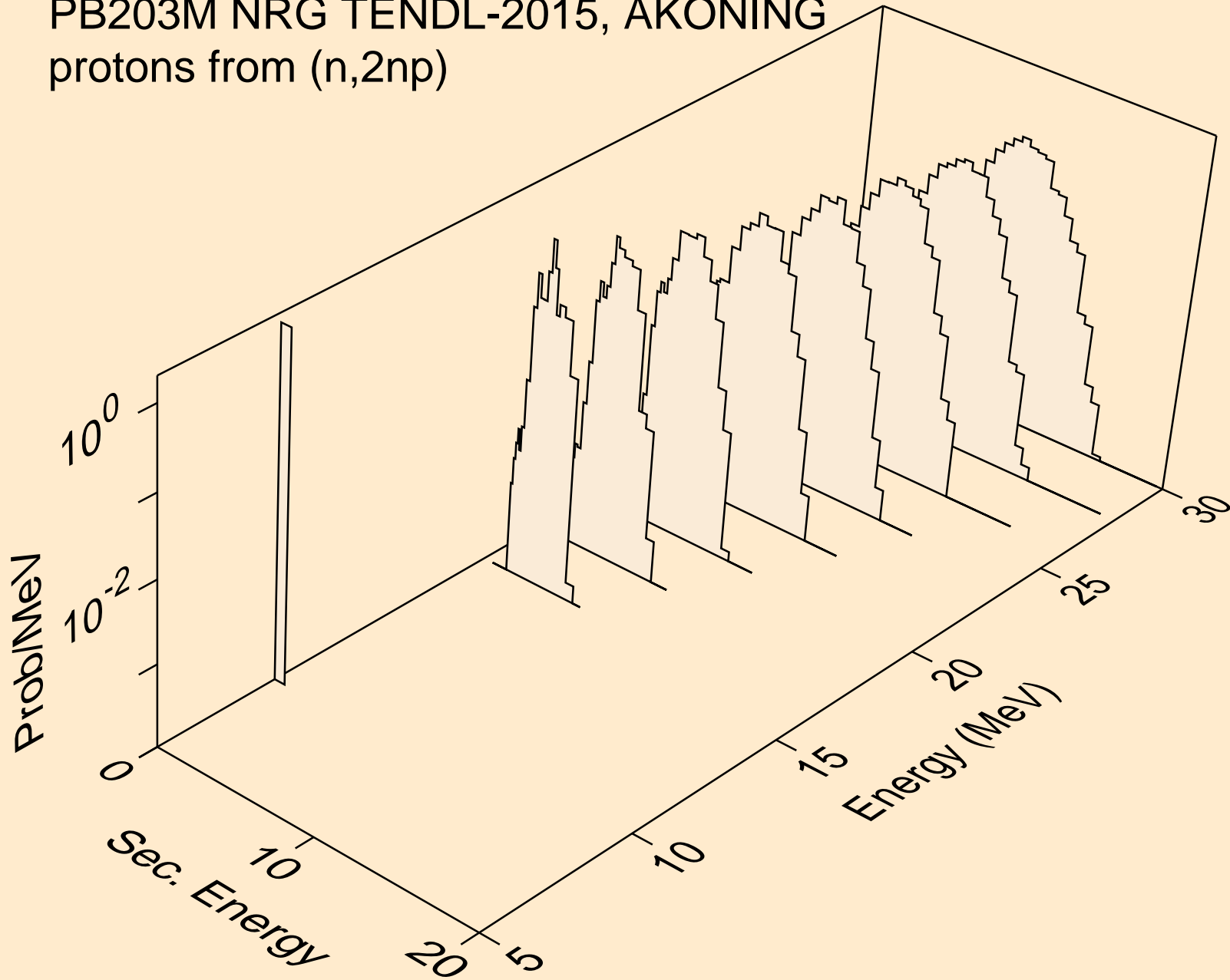
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protons from (n,2np)



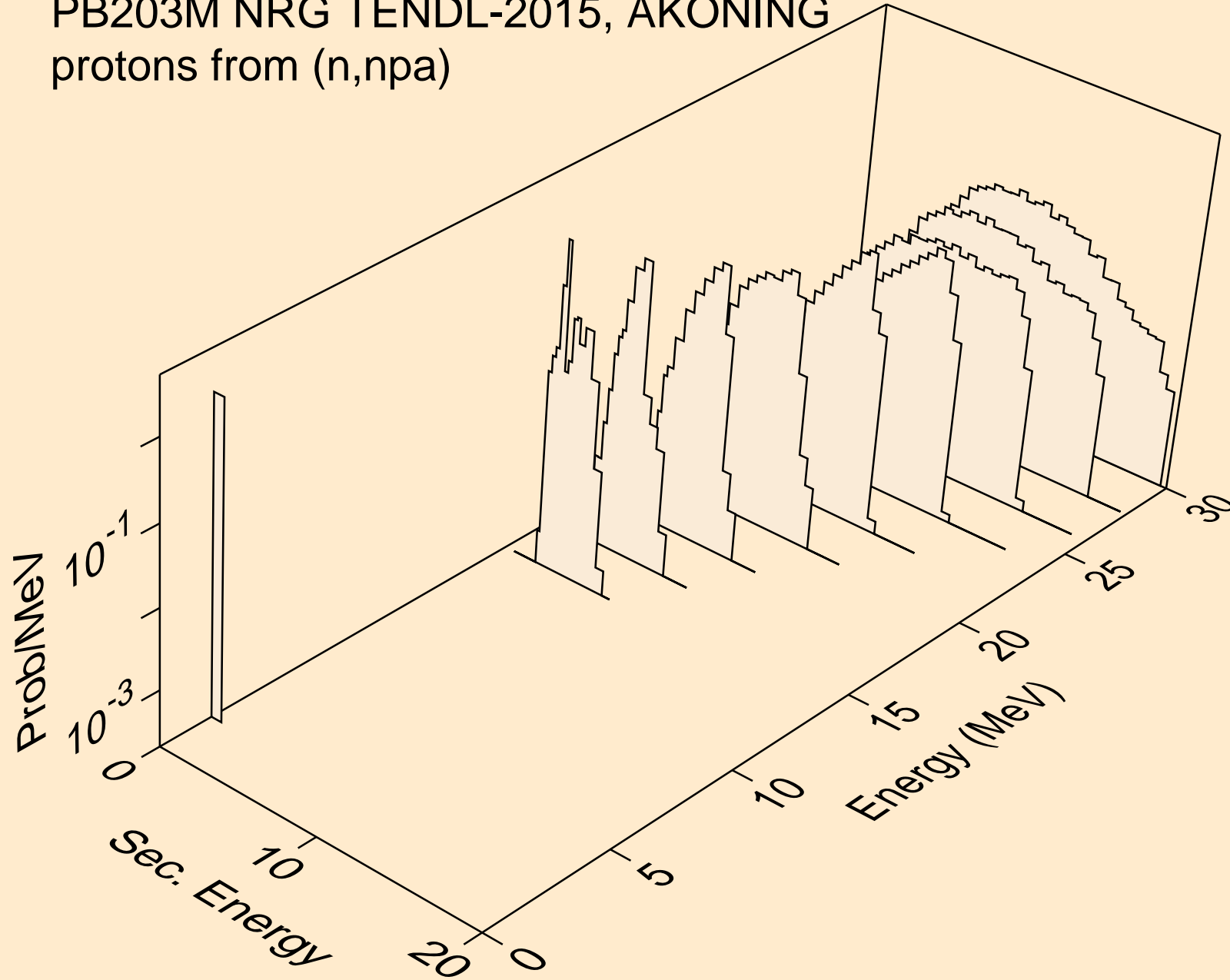
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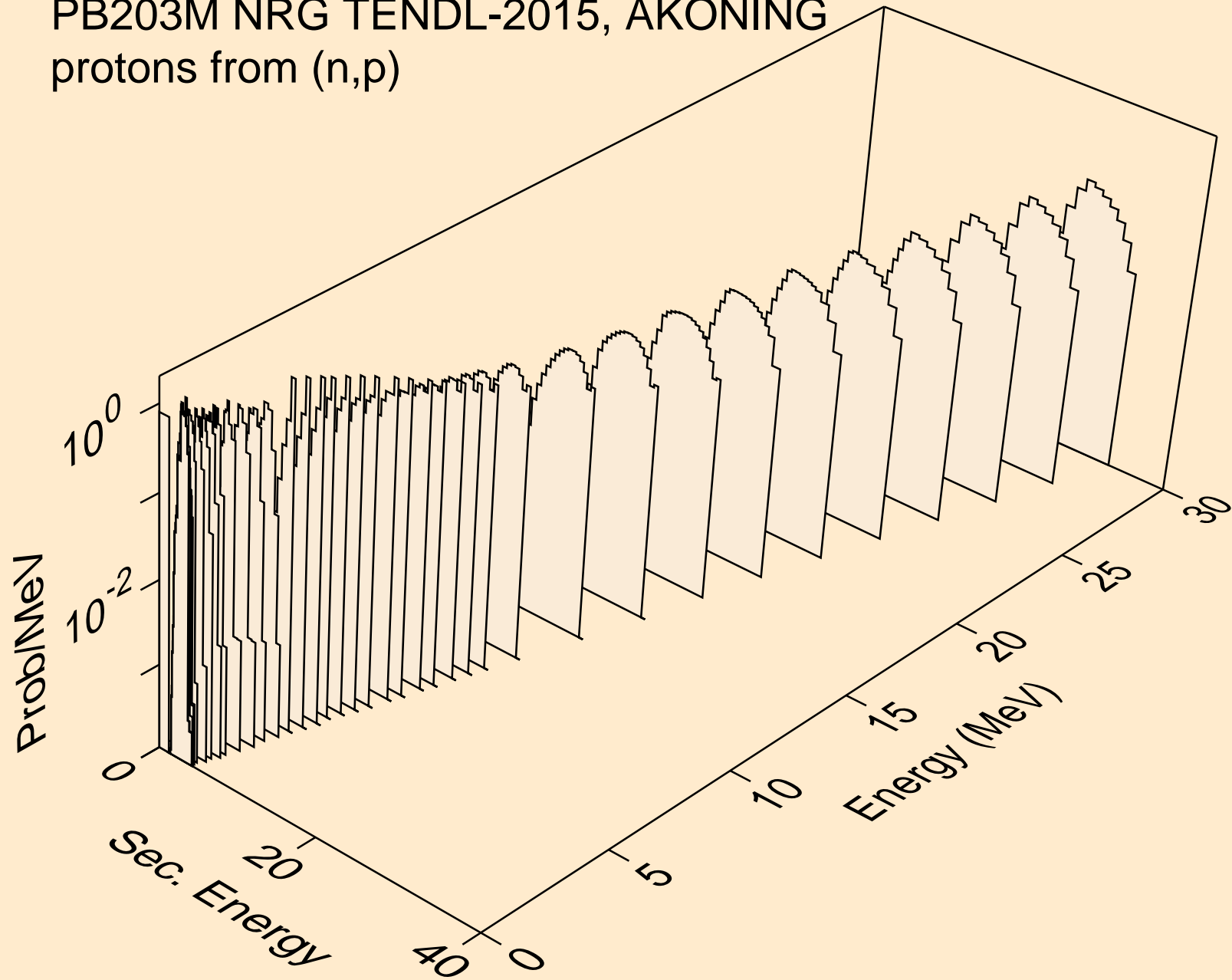
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protons from (n,2np)



PB203M NRG TENDL-2015, AKONING  
protons from (n,npa)

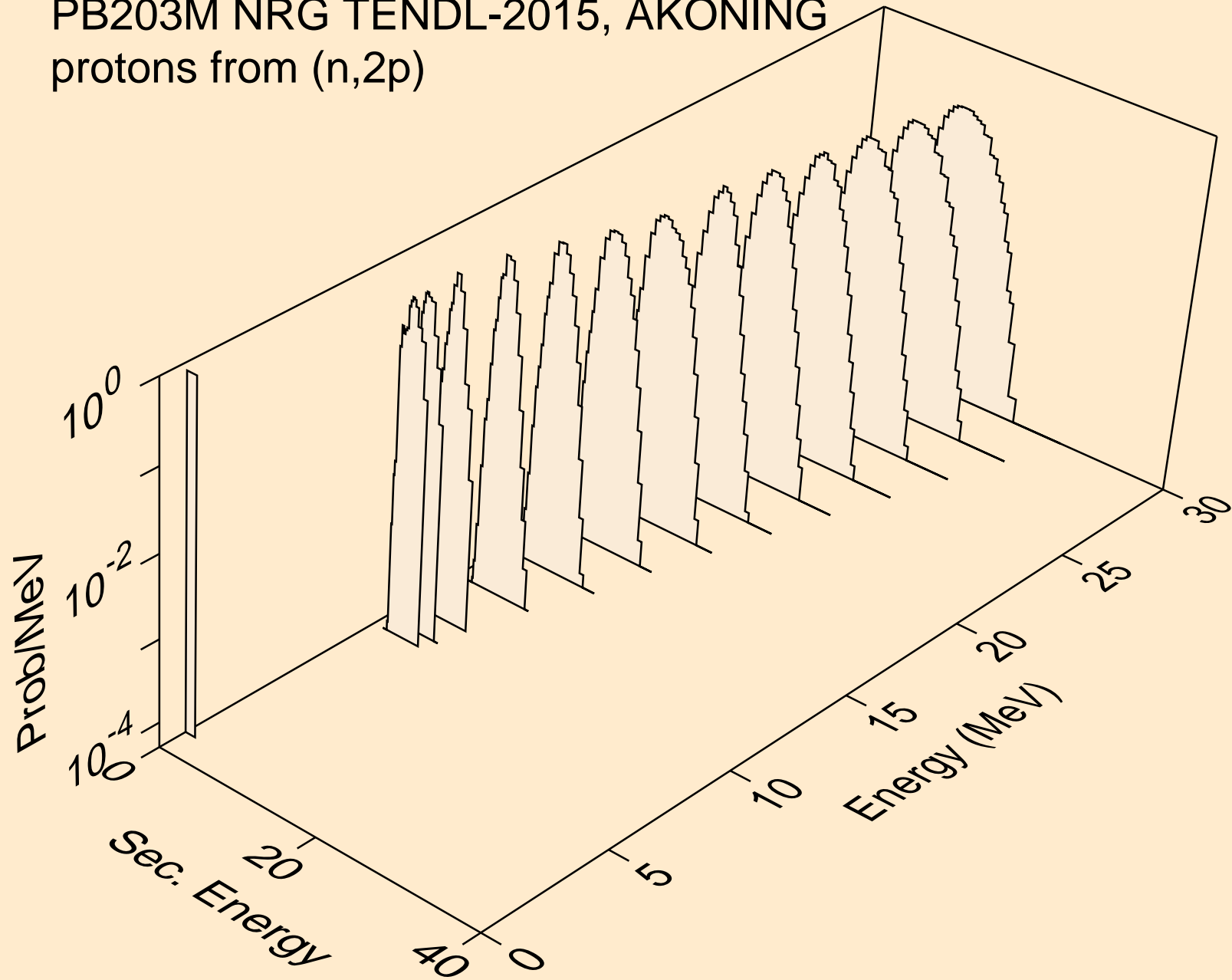


PB203M NRG TENDL-2015, AKONING  
protons from (n,p)

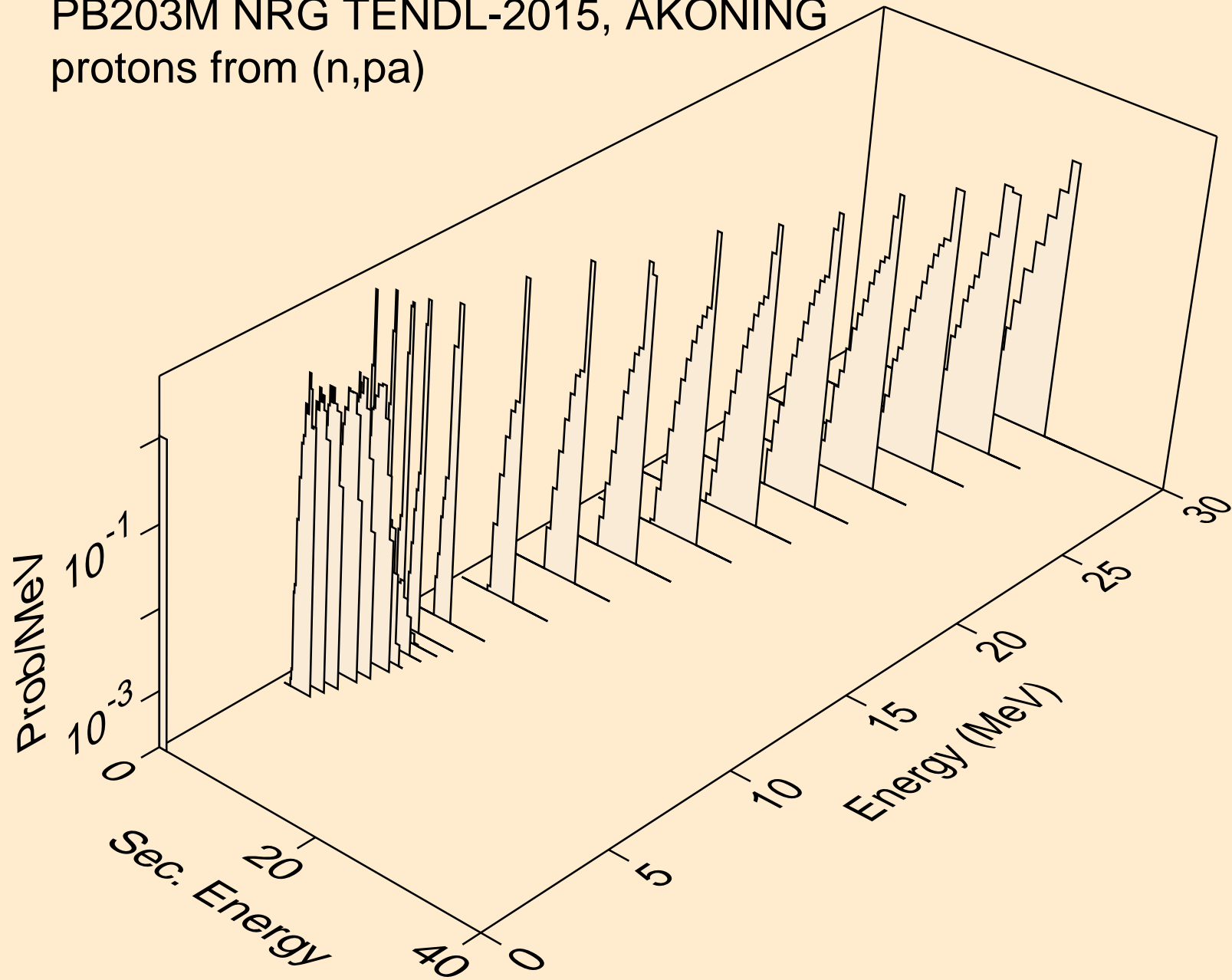




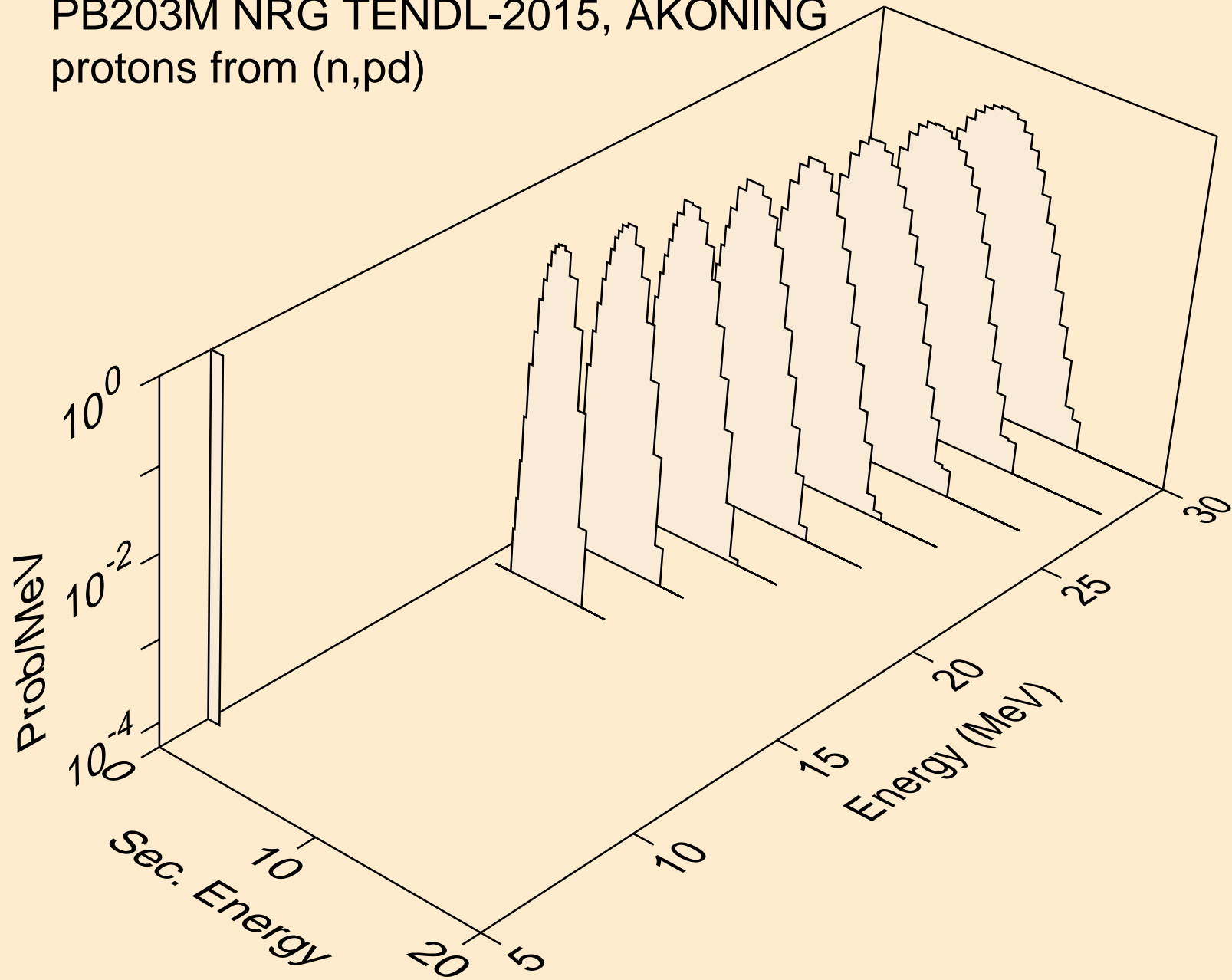
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protons from (n,2p)



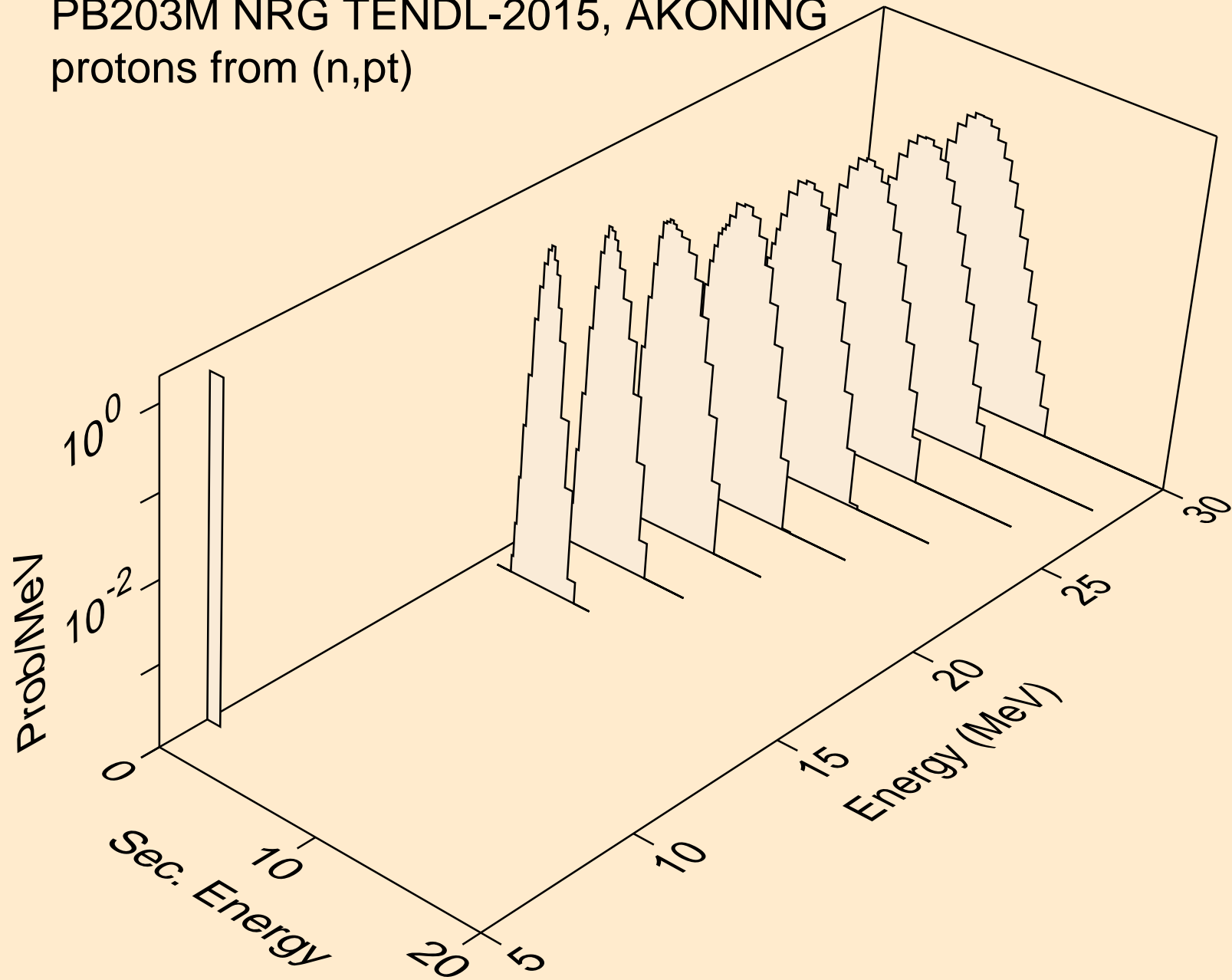
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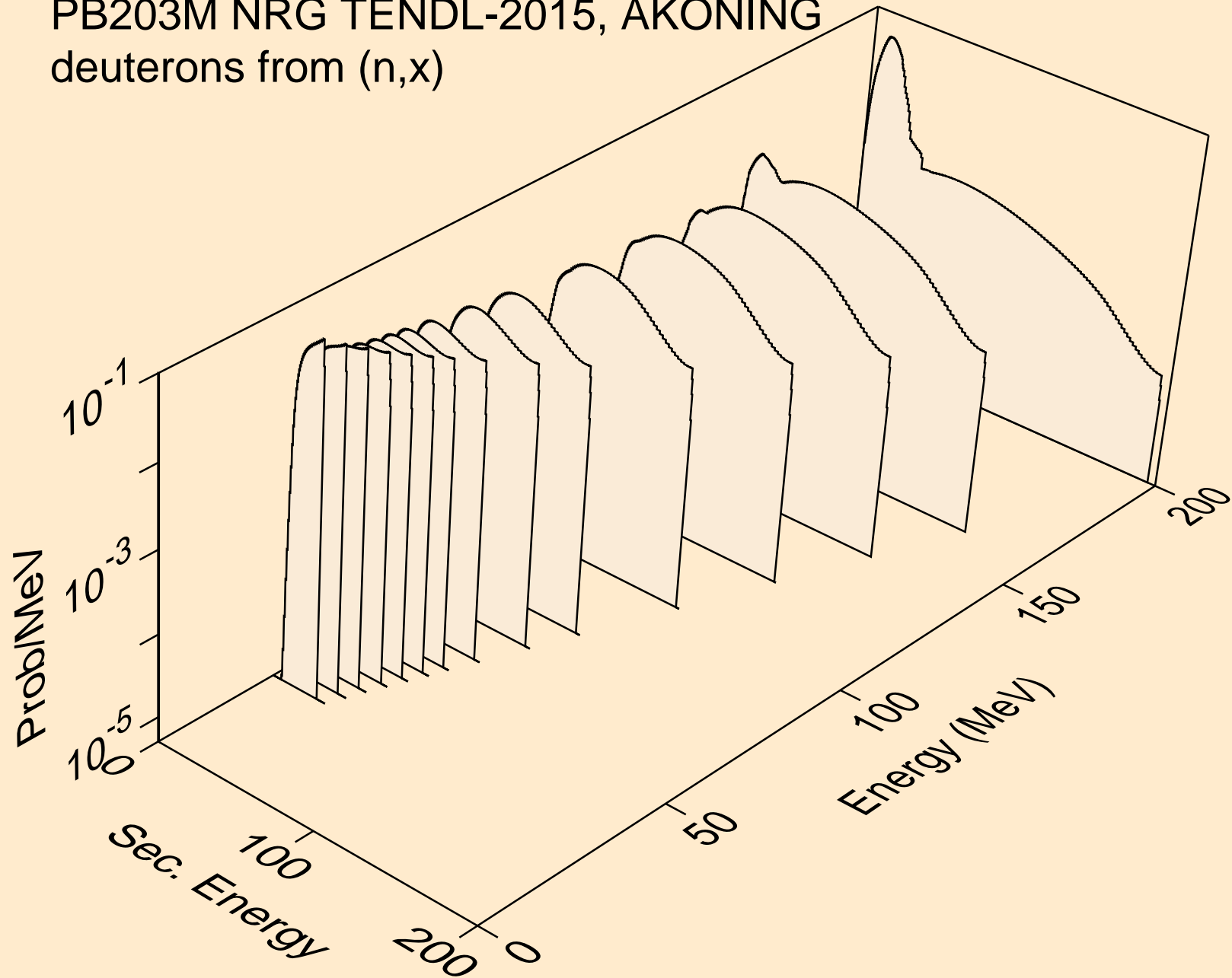
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protons from (n,pd)



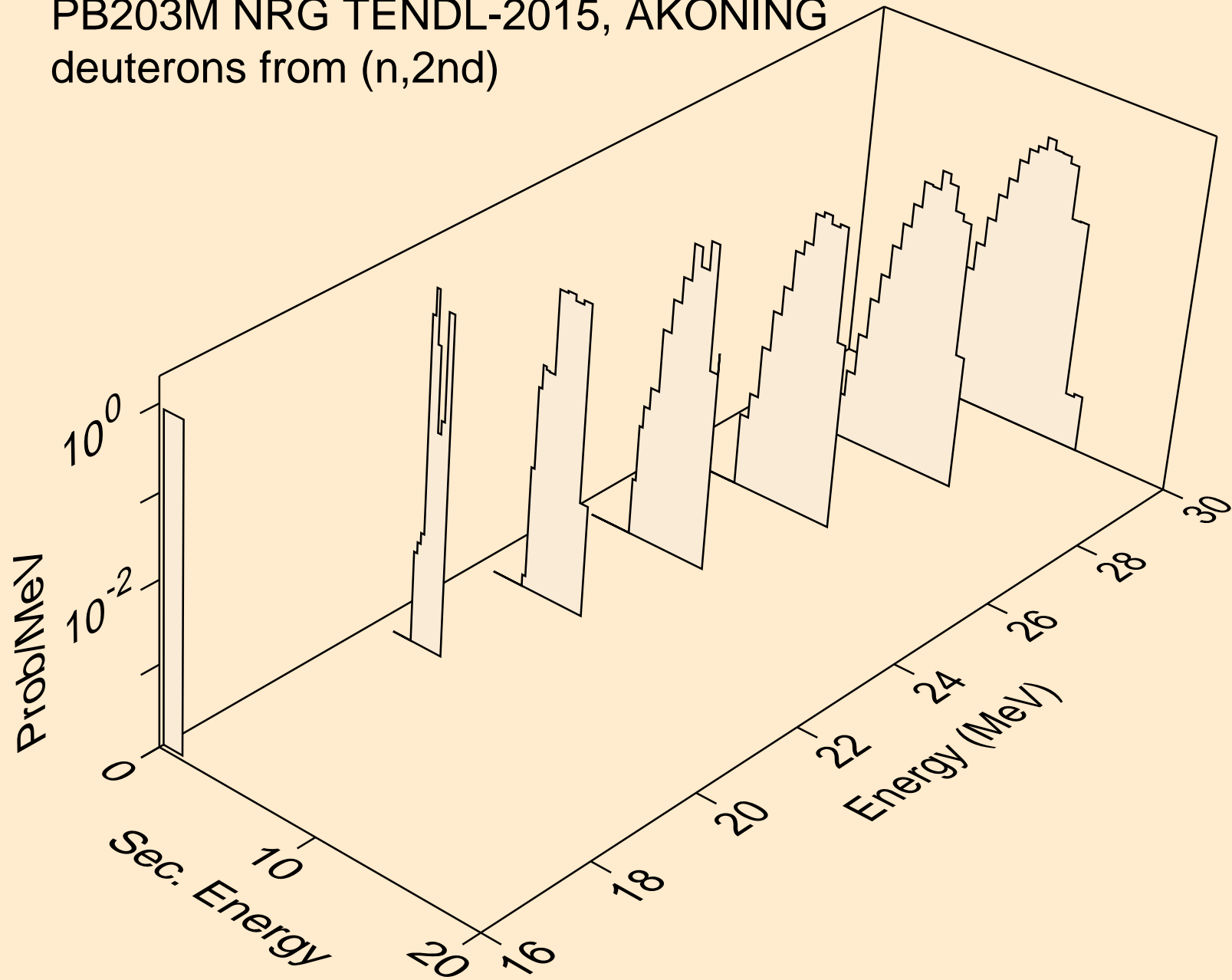
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protons from (n,pt)



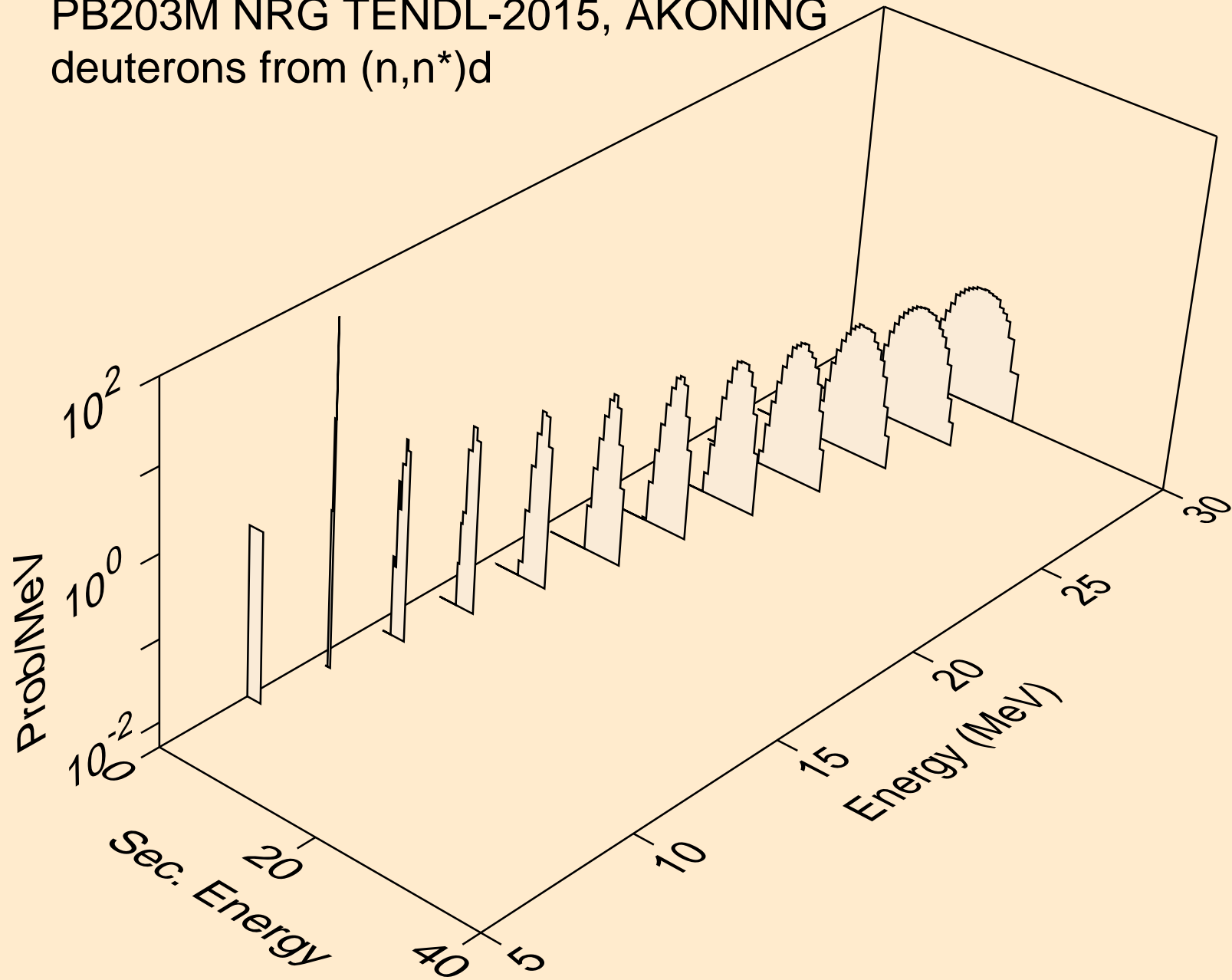
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deuterons from (n,x)



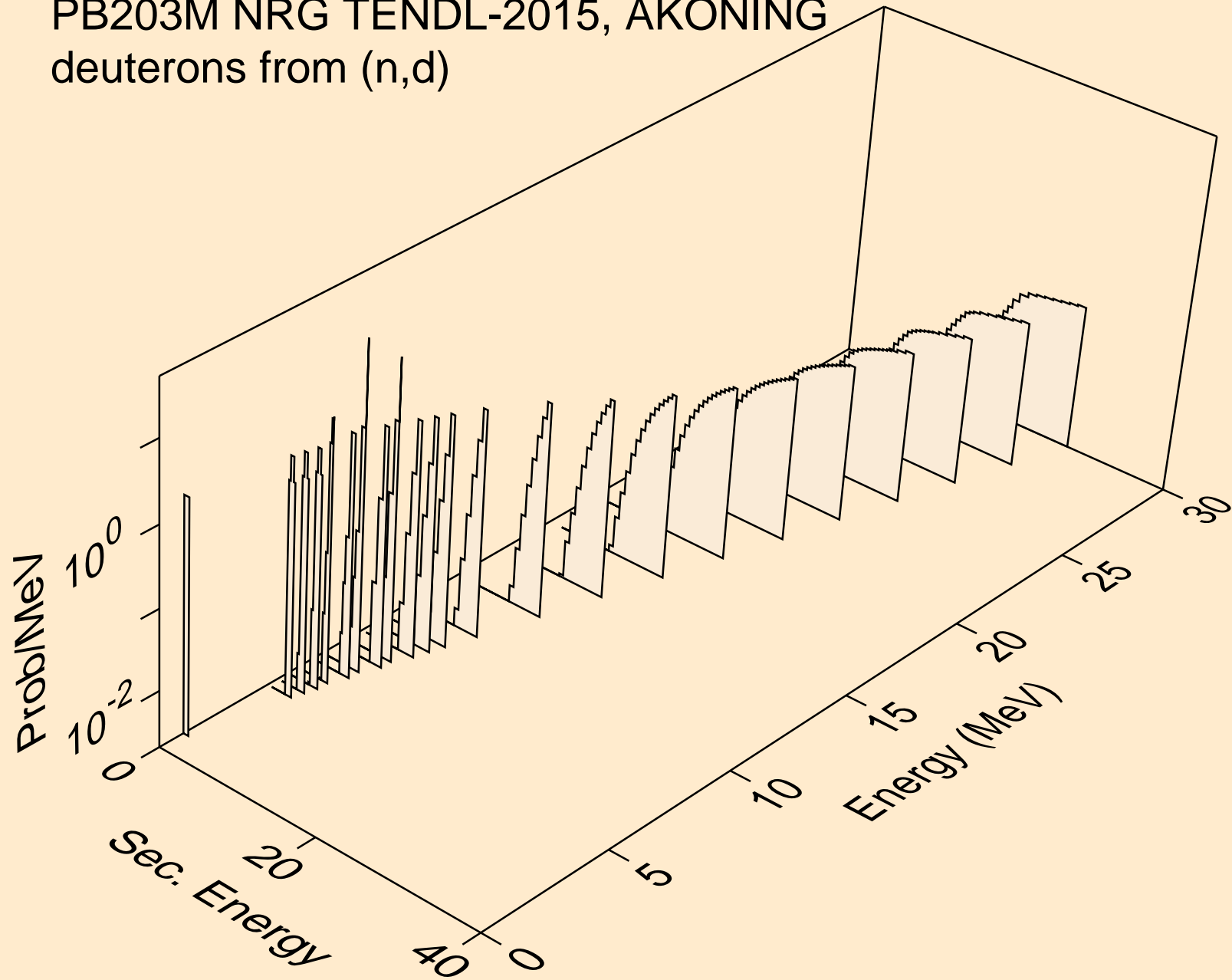
PB203M NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



PB203M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

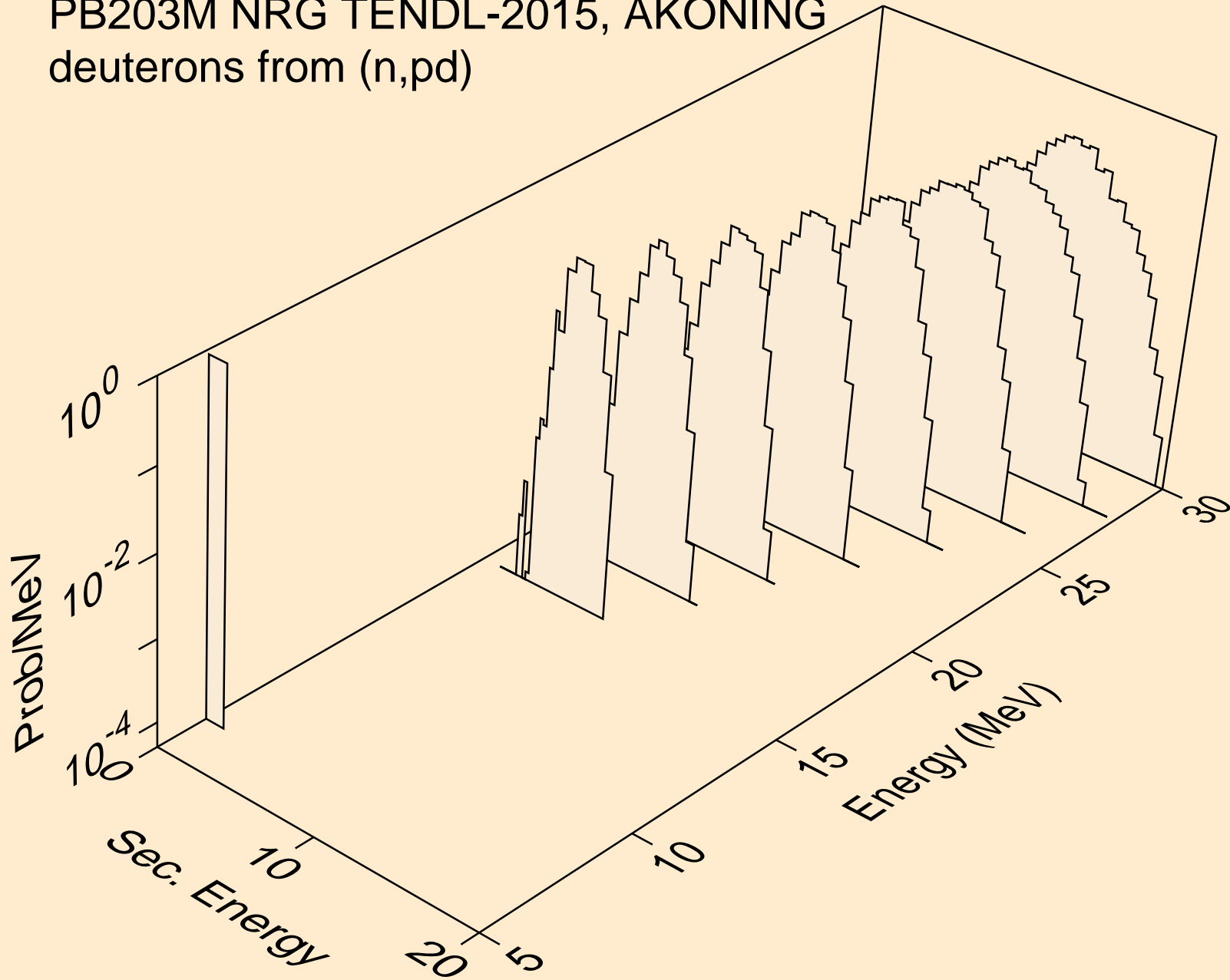


PB203M NRG TENDL-2015, AKONING  
deuterons from (n,d)

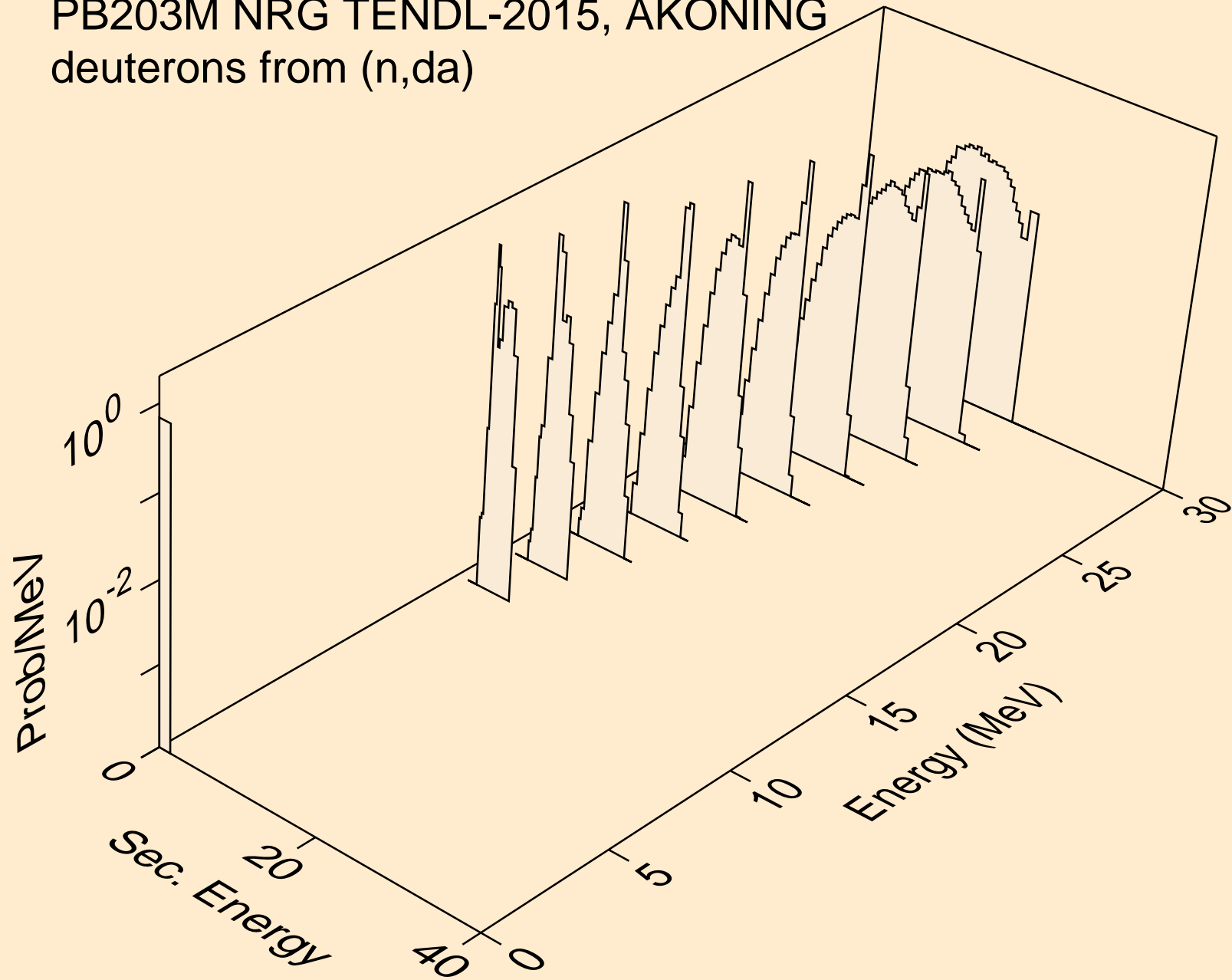




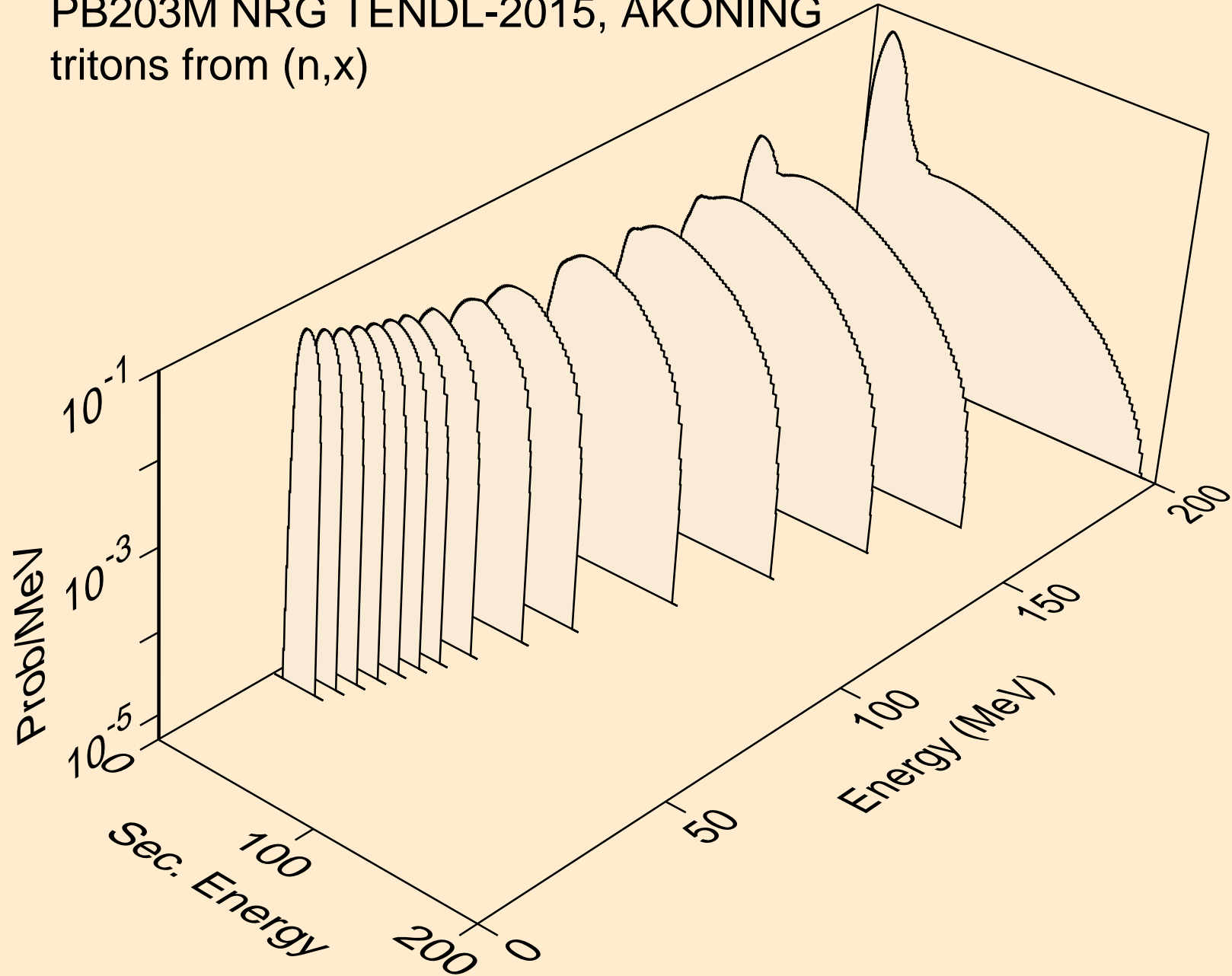
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deuterons from (n,pd)



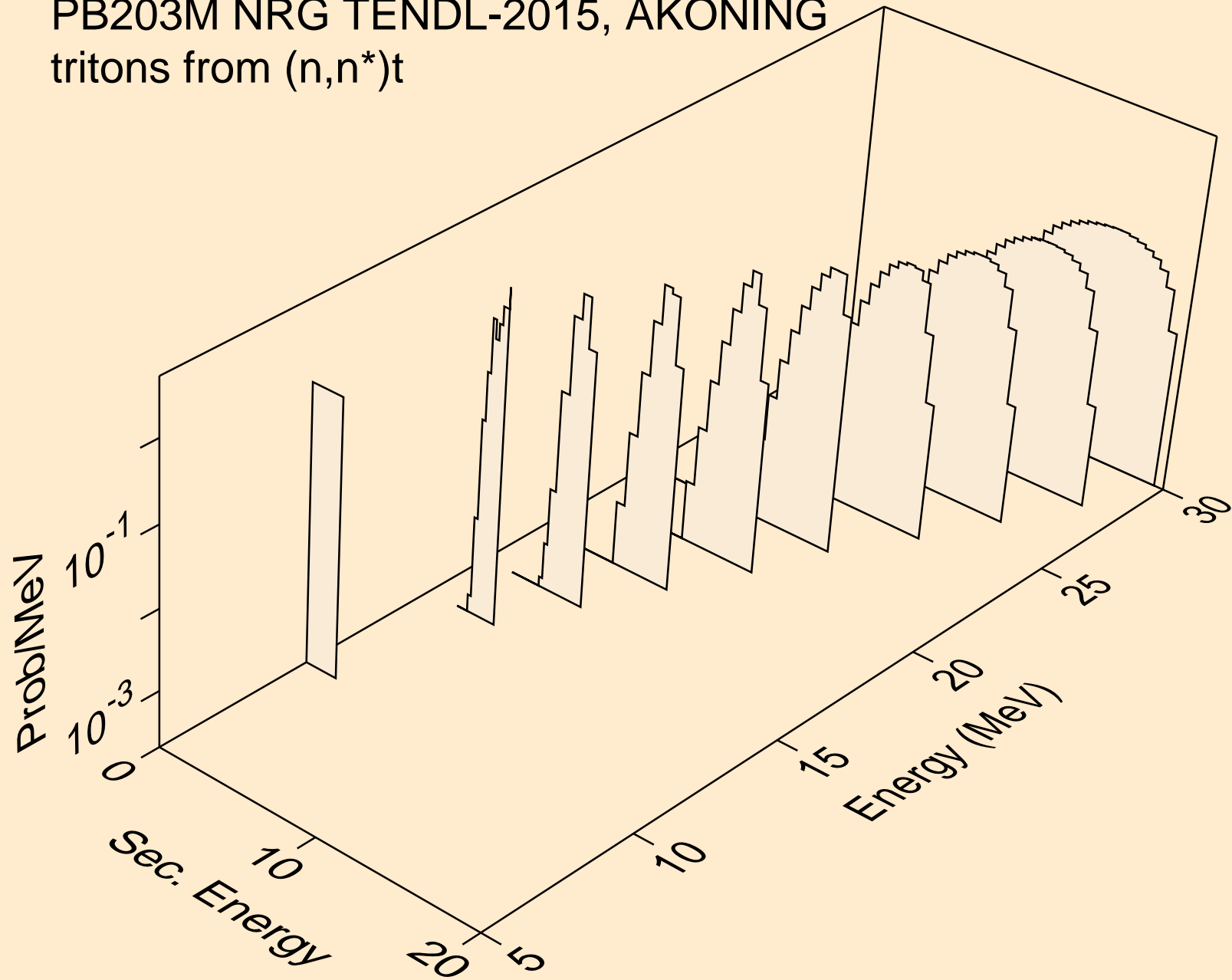
PB203M NRG TENDL-2015, AKONING  
deuterons from (n,da)



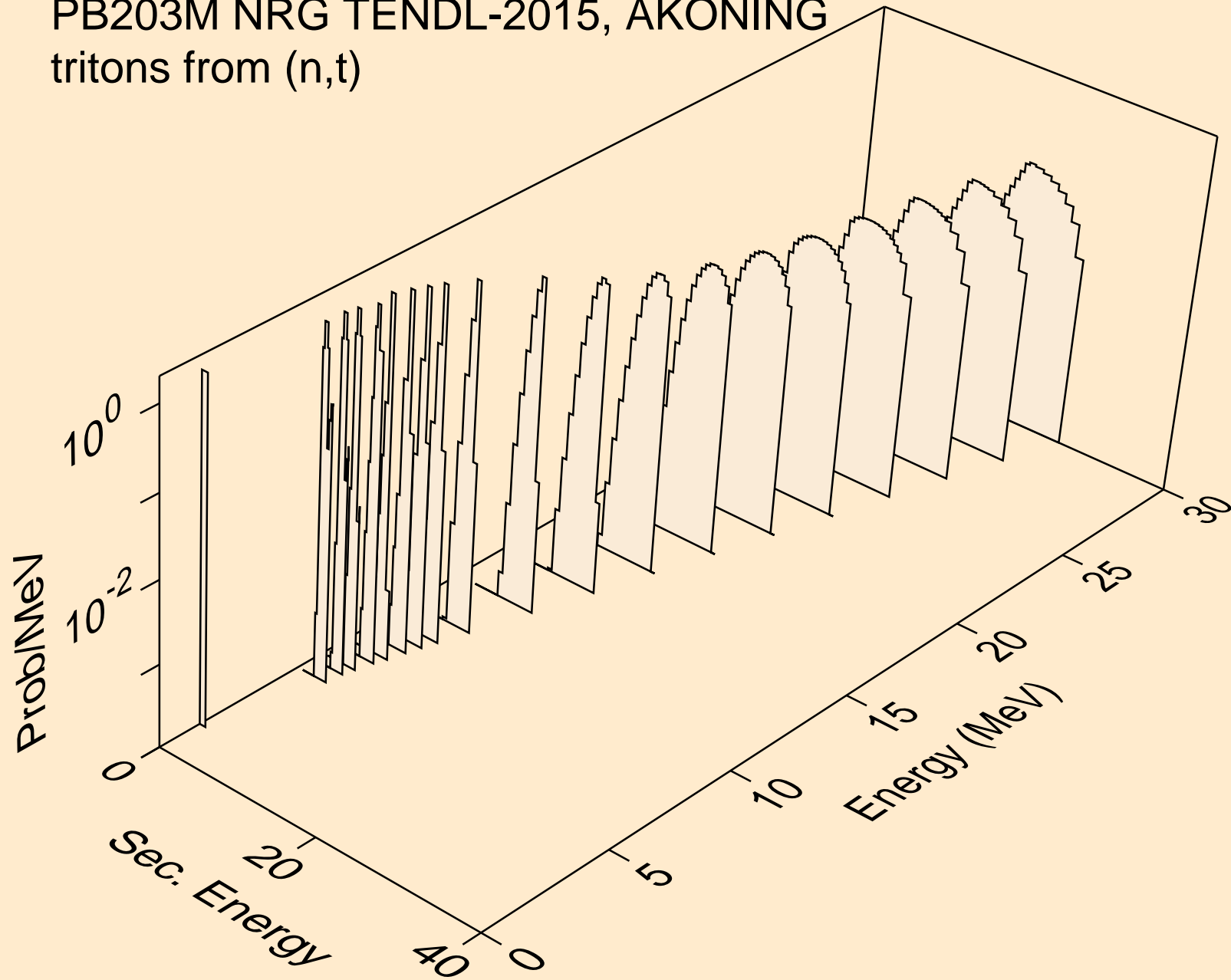
PB203M NRG TENDL-2015, AKONING  
tritons from (n,x)



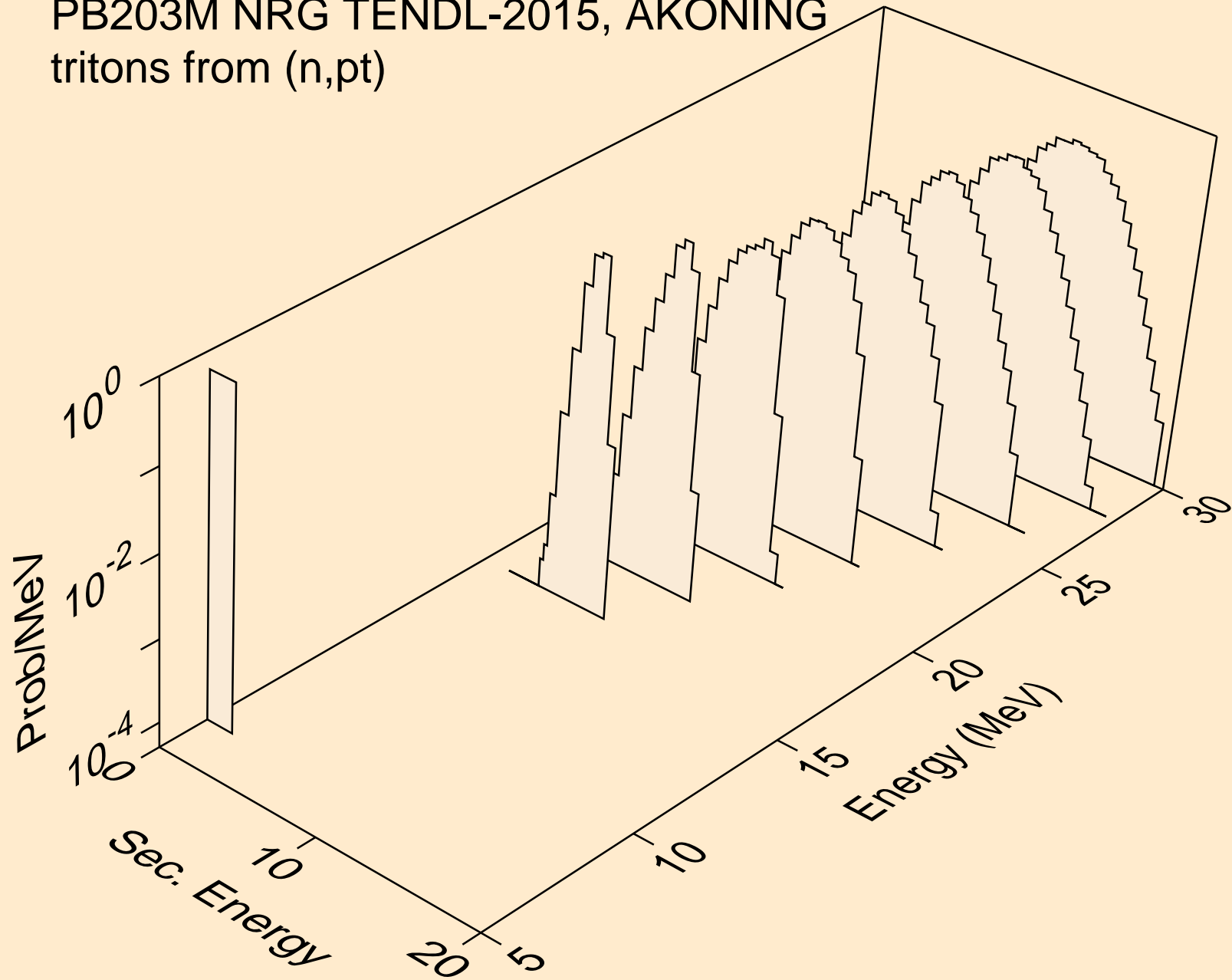
PB203M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



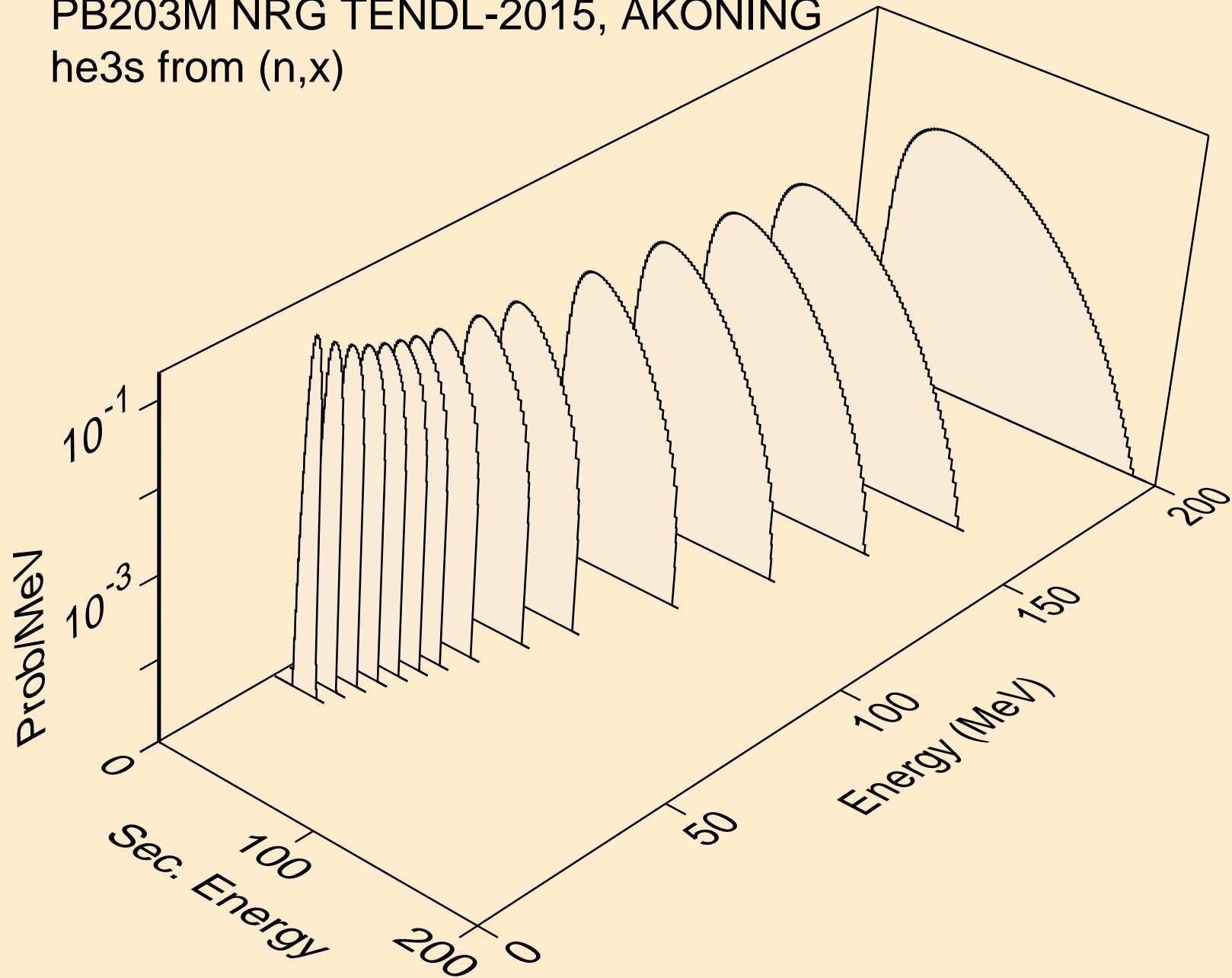
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tritons from (n,t)



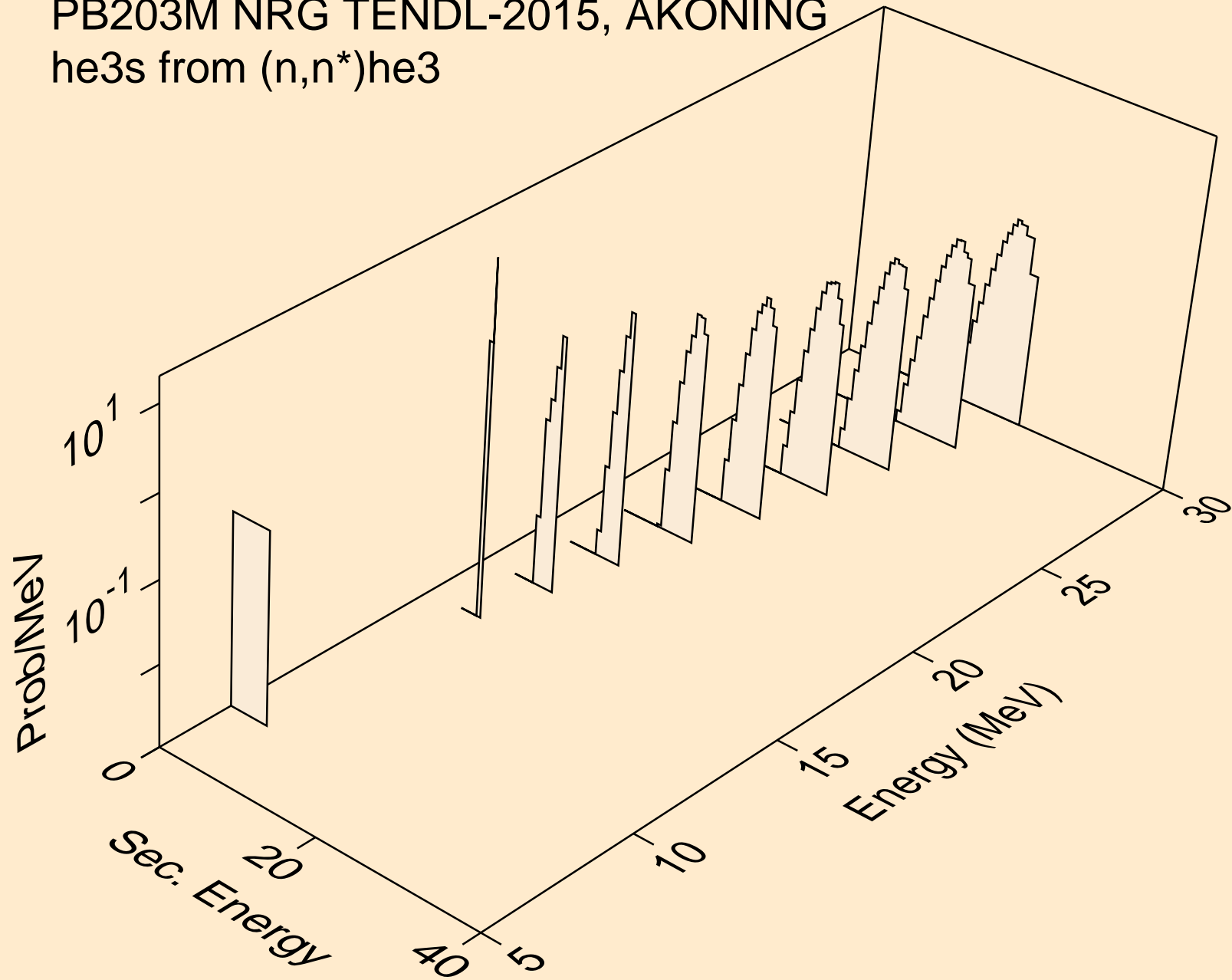
PB203M NRG TENDL-2015, AKONING  
tritons from (n,pt)



PB203M NRG TENDL-2015, AKONING  
he3s from (n,x)

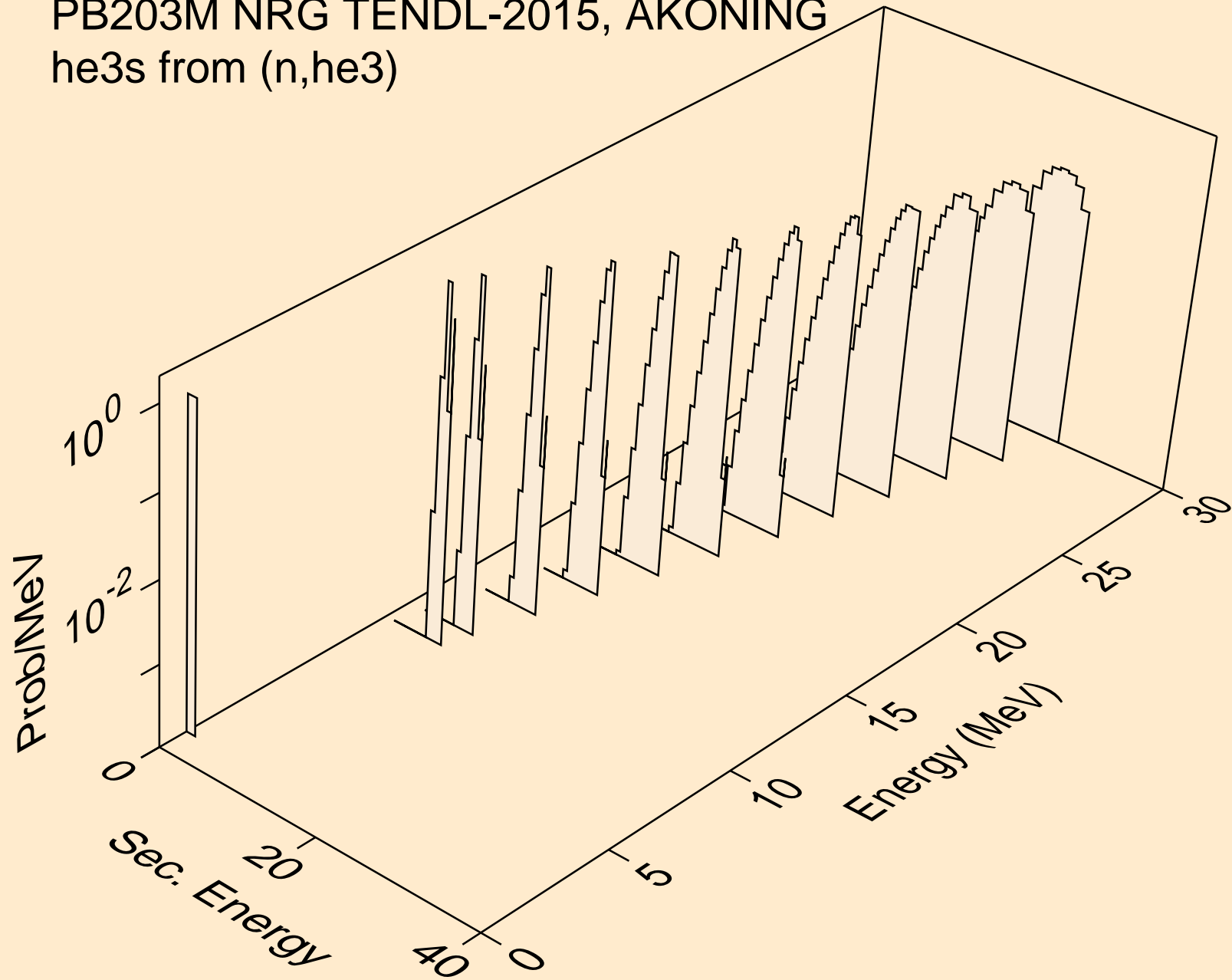


PB203M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

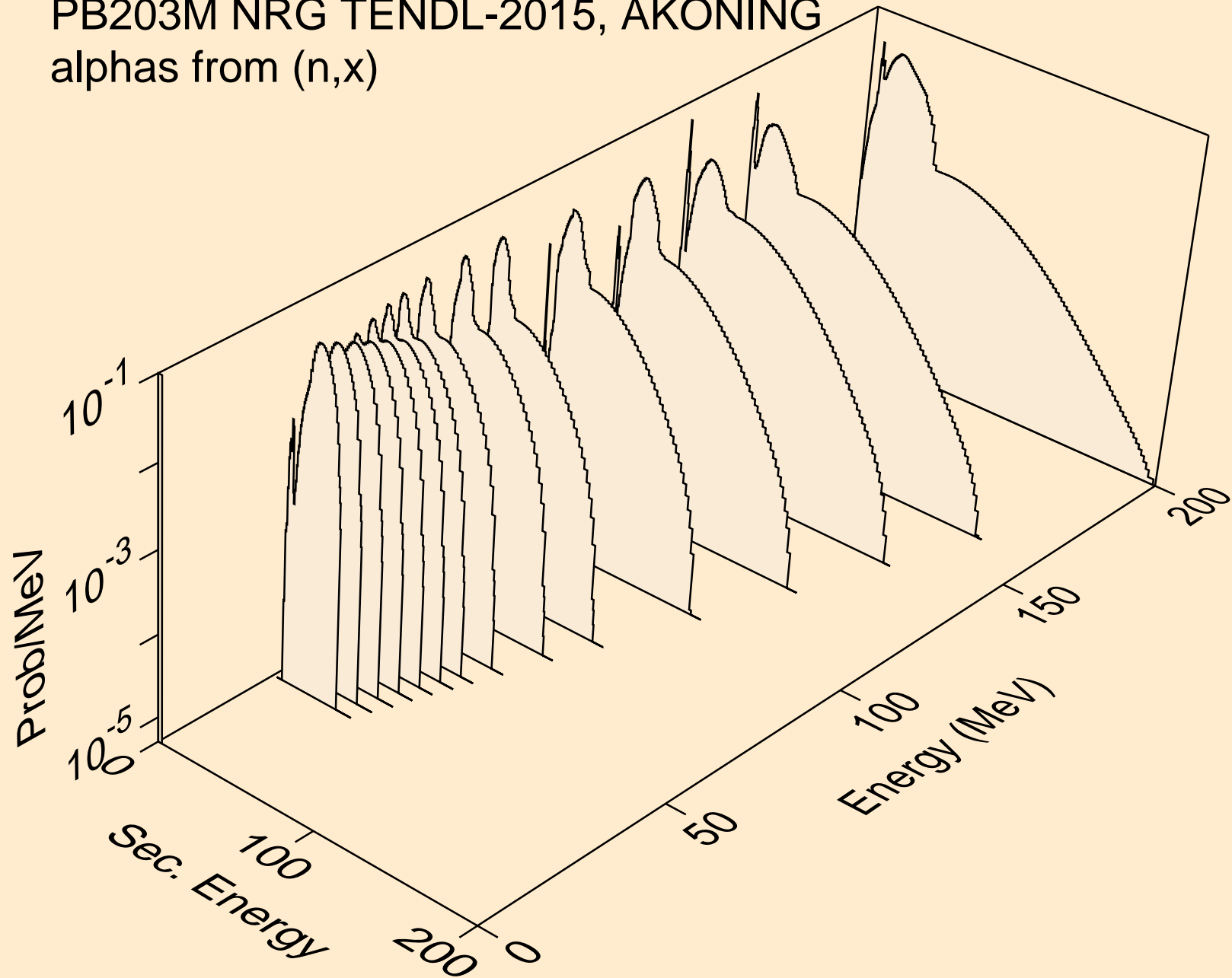




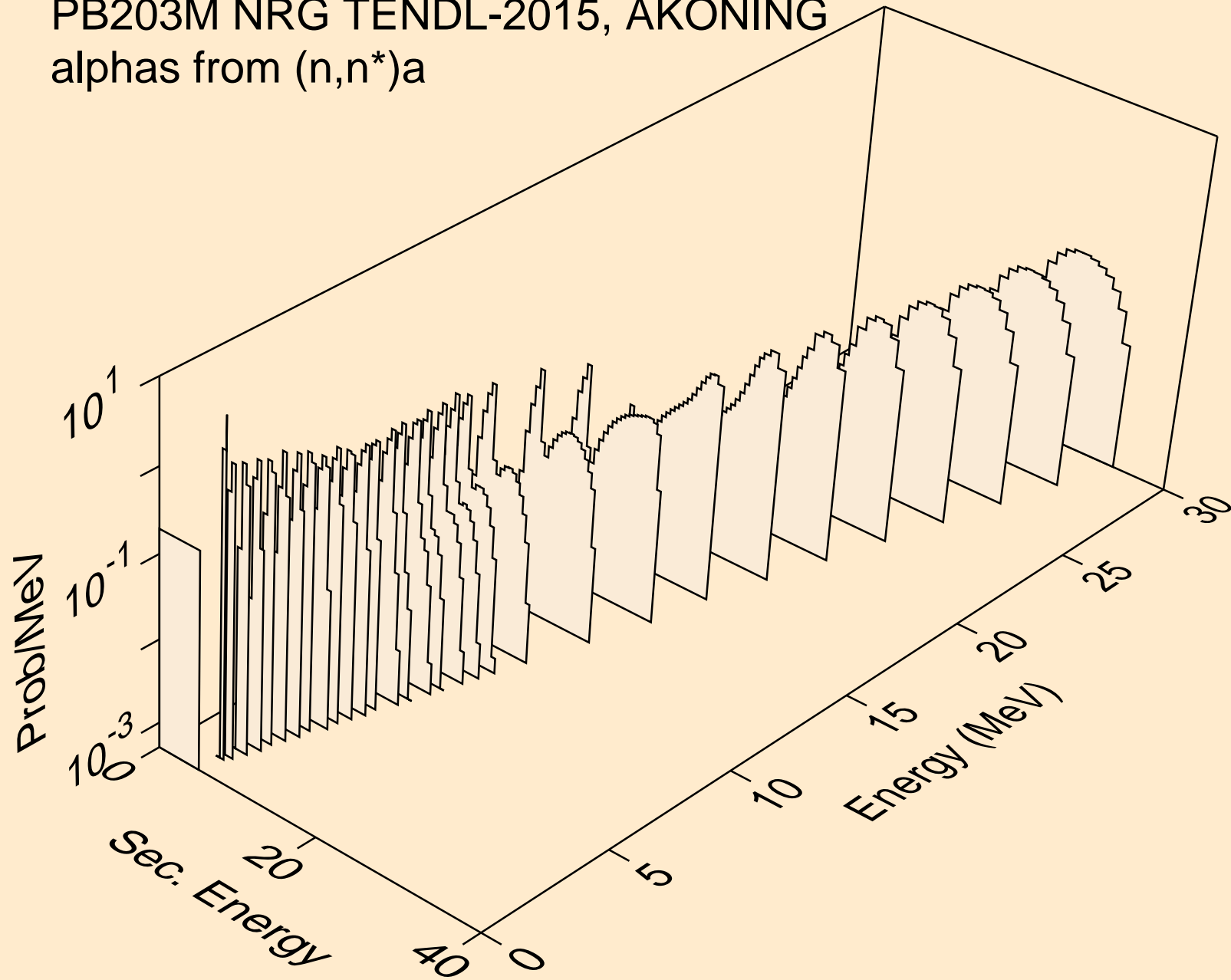
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he3s from (n,he3)



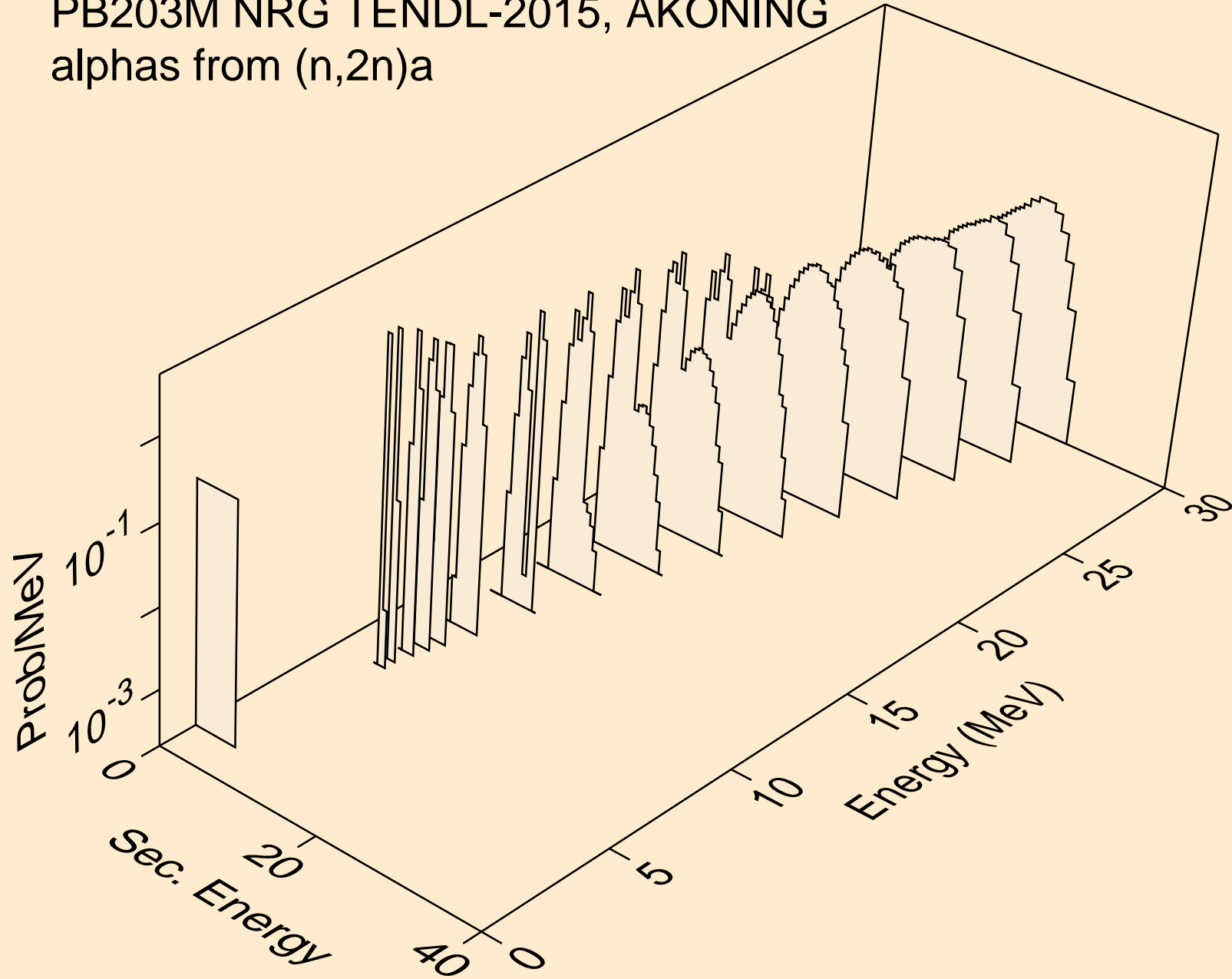
PB203M NRG TENDL-2015, AKONING  
alphas from (n,x)



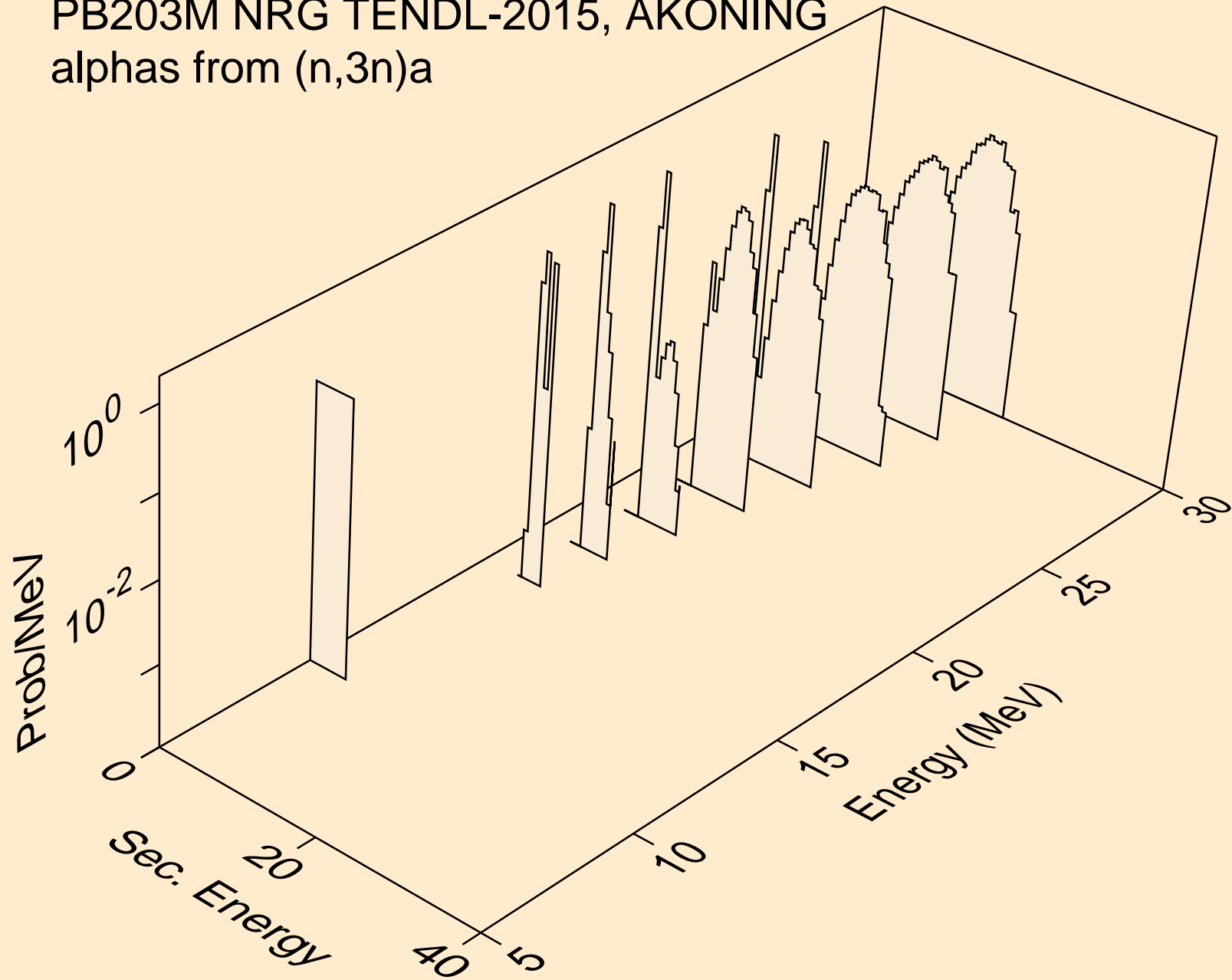
PB203M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



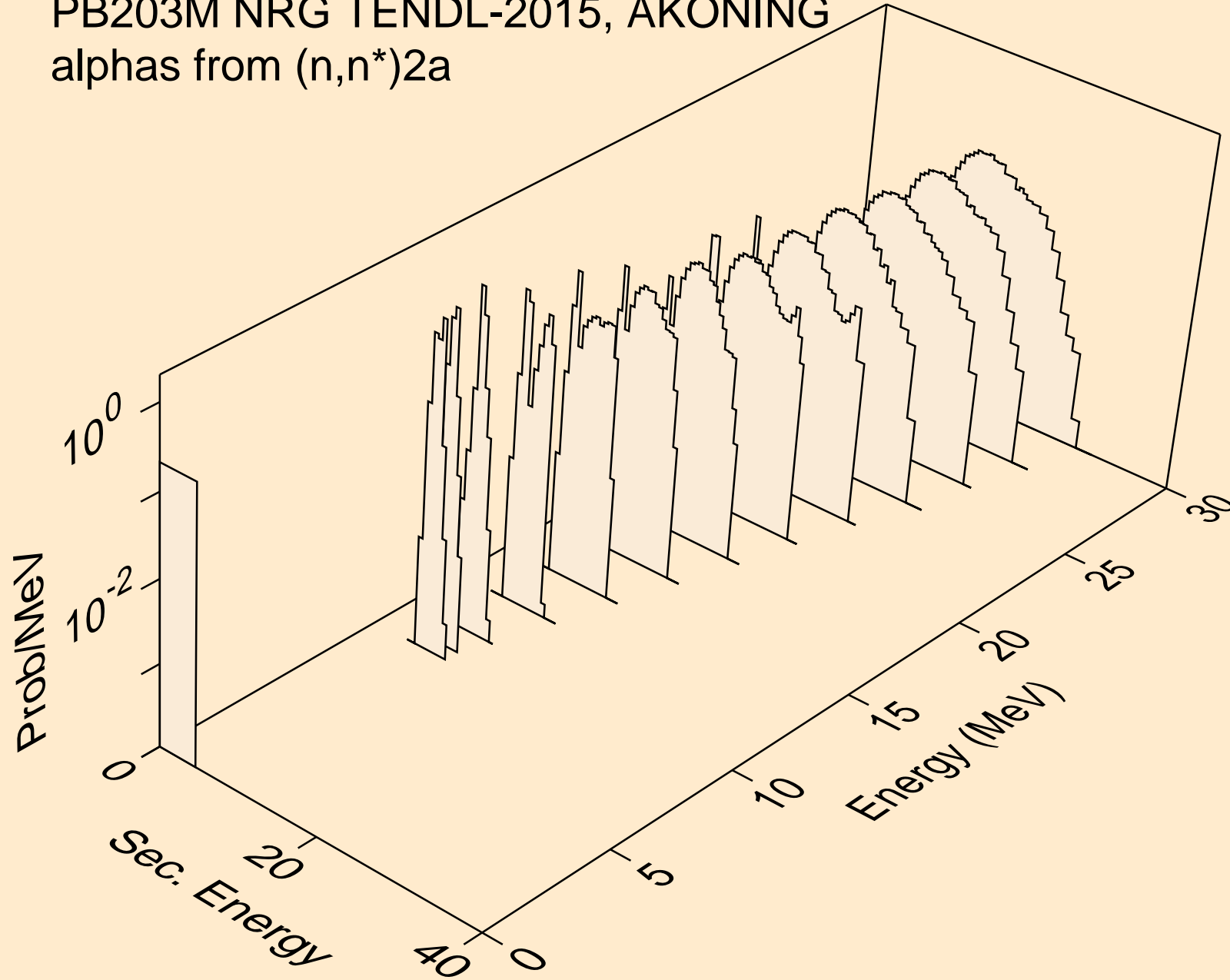
PB203M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



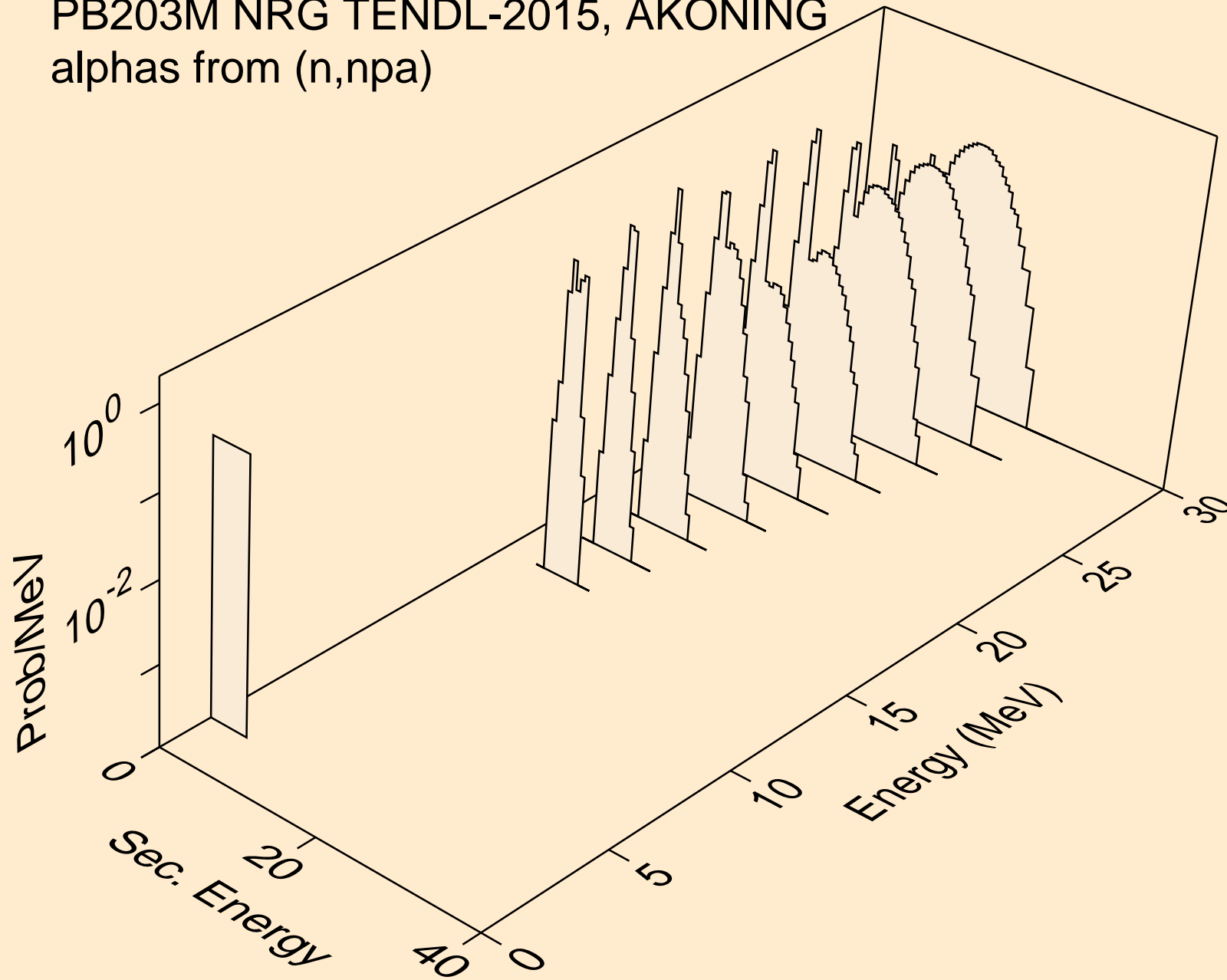
PB203M NRG TENDL-2015, AKONING  
alphas from (n,3n)a



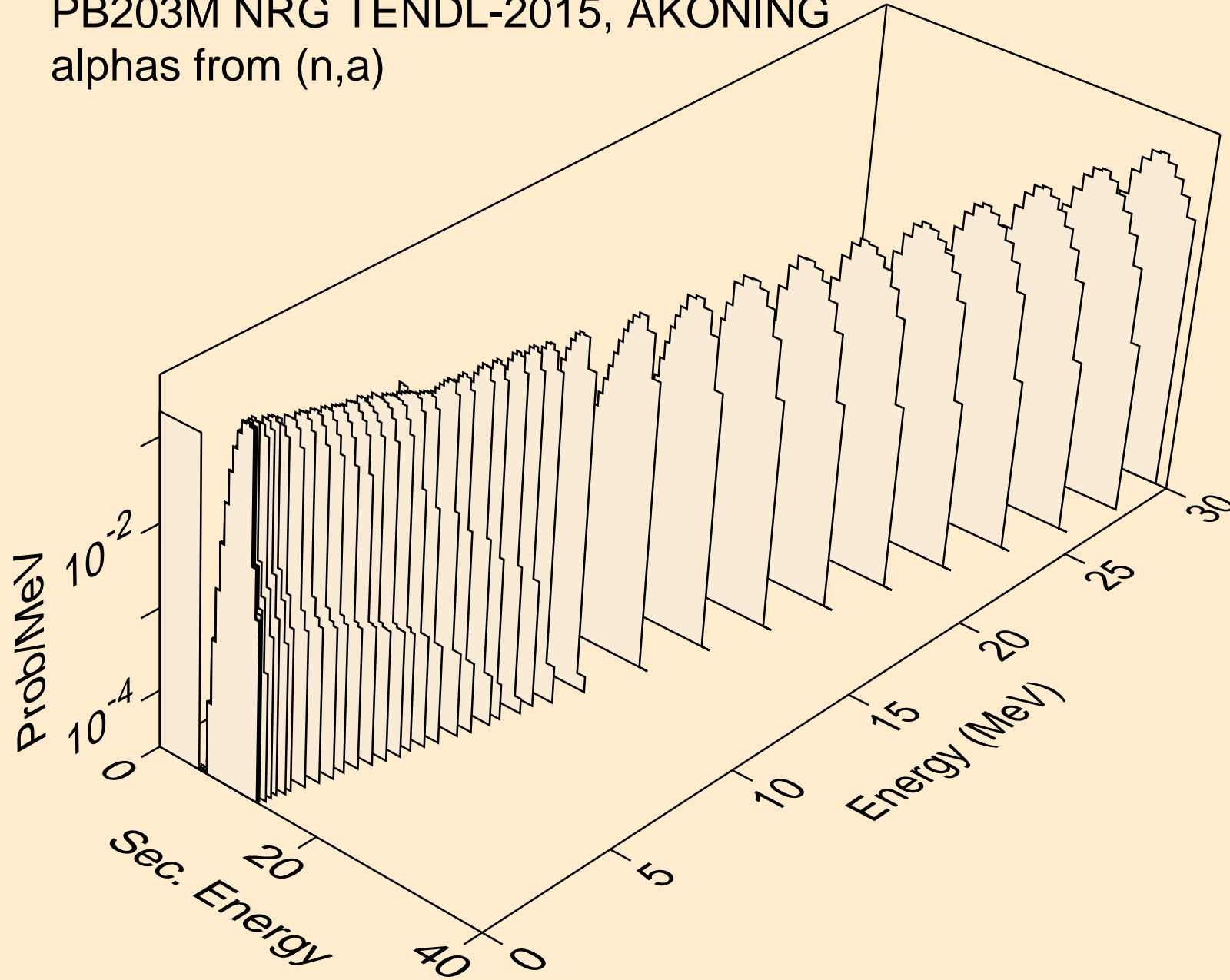
PB203M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



PB203M NRG TENDL-2015, AKONING  
alphas from (n,npa)

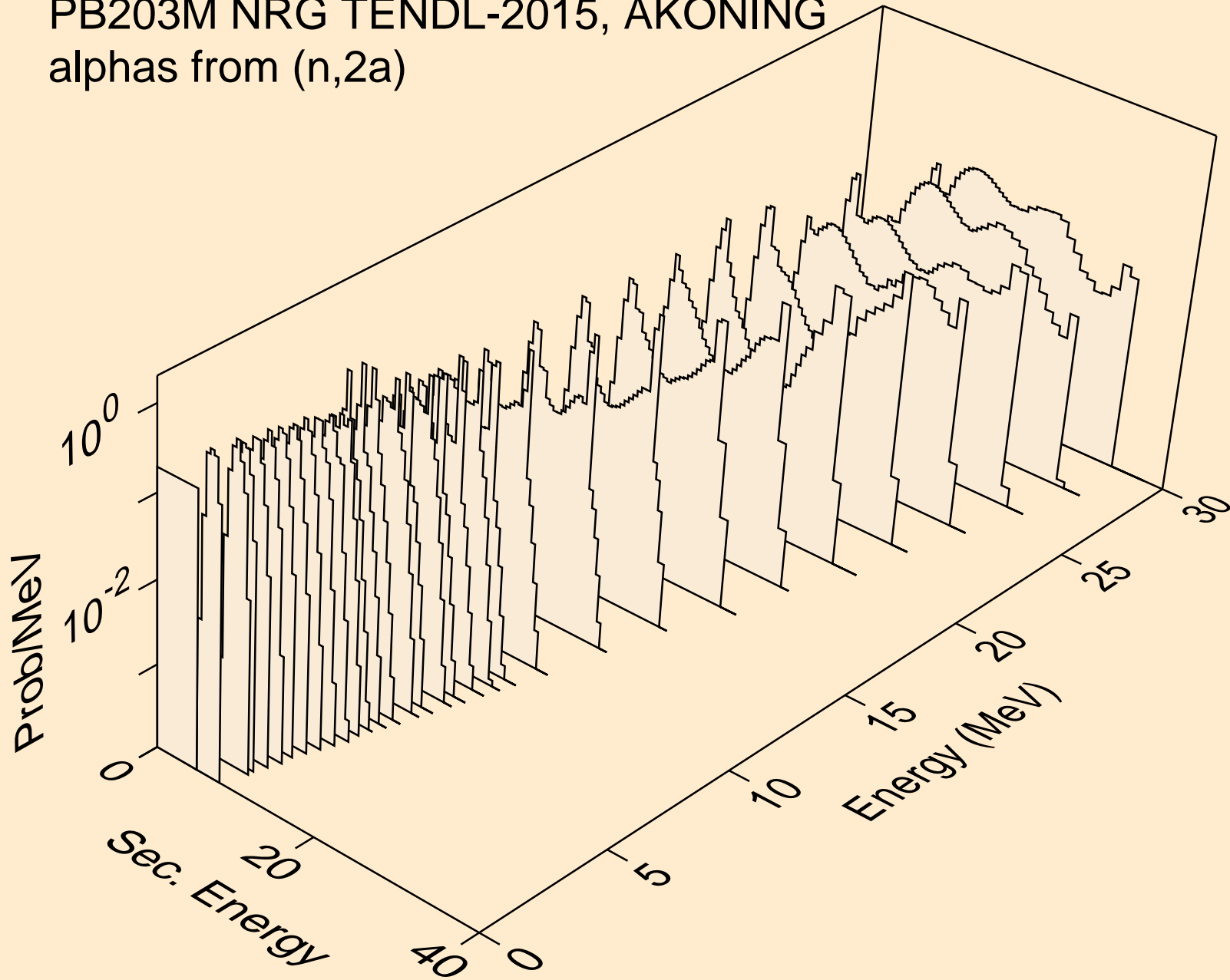


PB203M NRG TENDL-2015, AKONING  
alphas from (n,a)

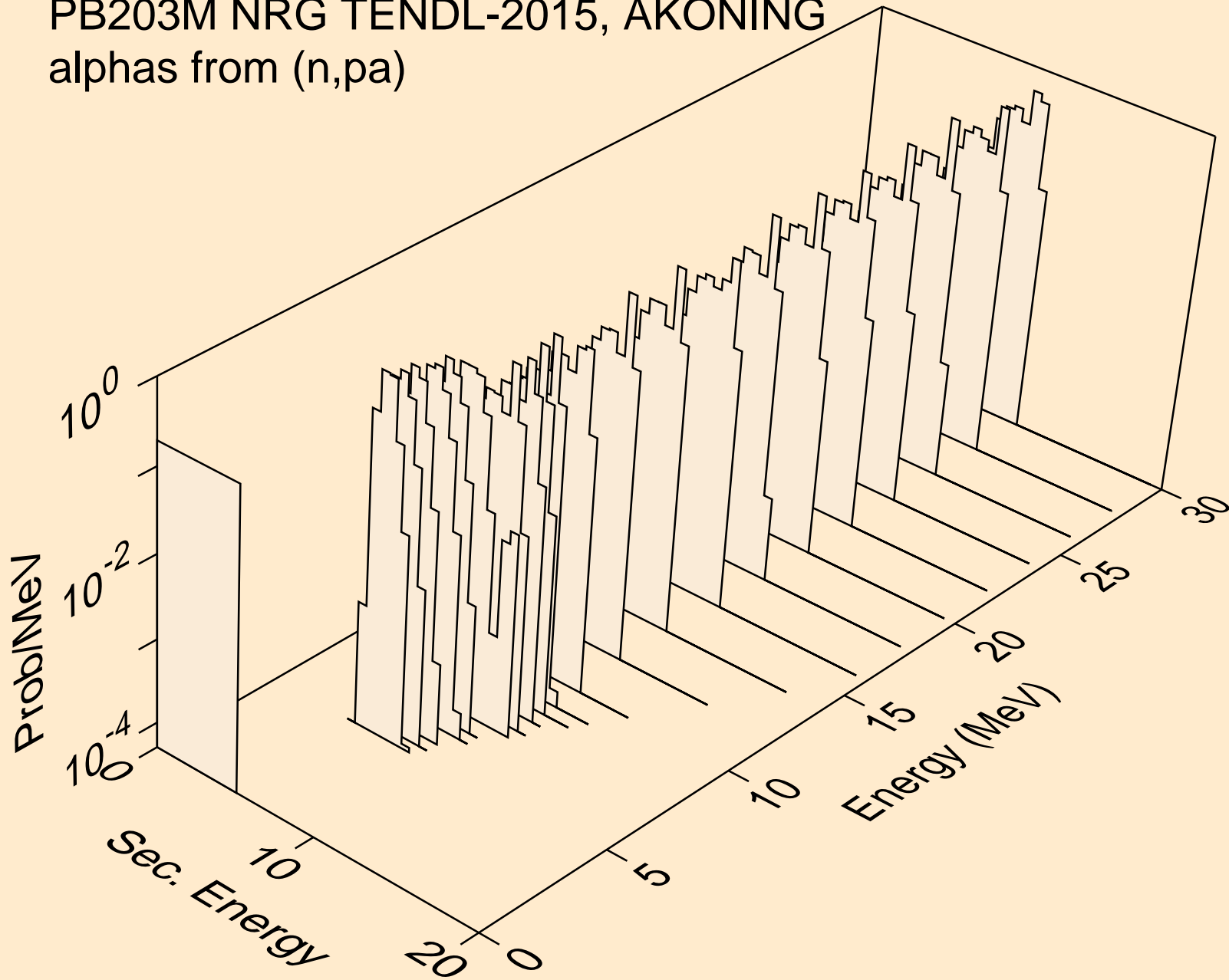




PB203M NRG TENDL-2015, AKONING  
alphas from (n,2a)



PB203M NRG TENDL-2015, AKONING  
alphas from (n,pa)



PB203M NRG TENDL-2015, AKONING  
alphas from (n,da)

