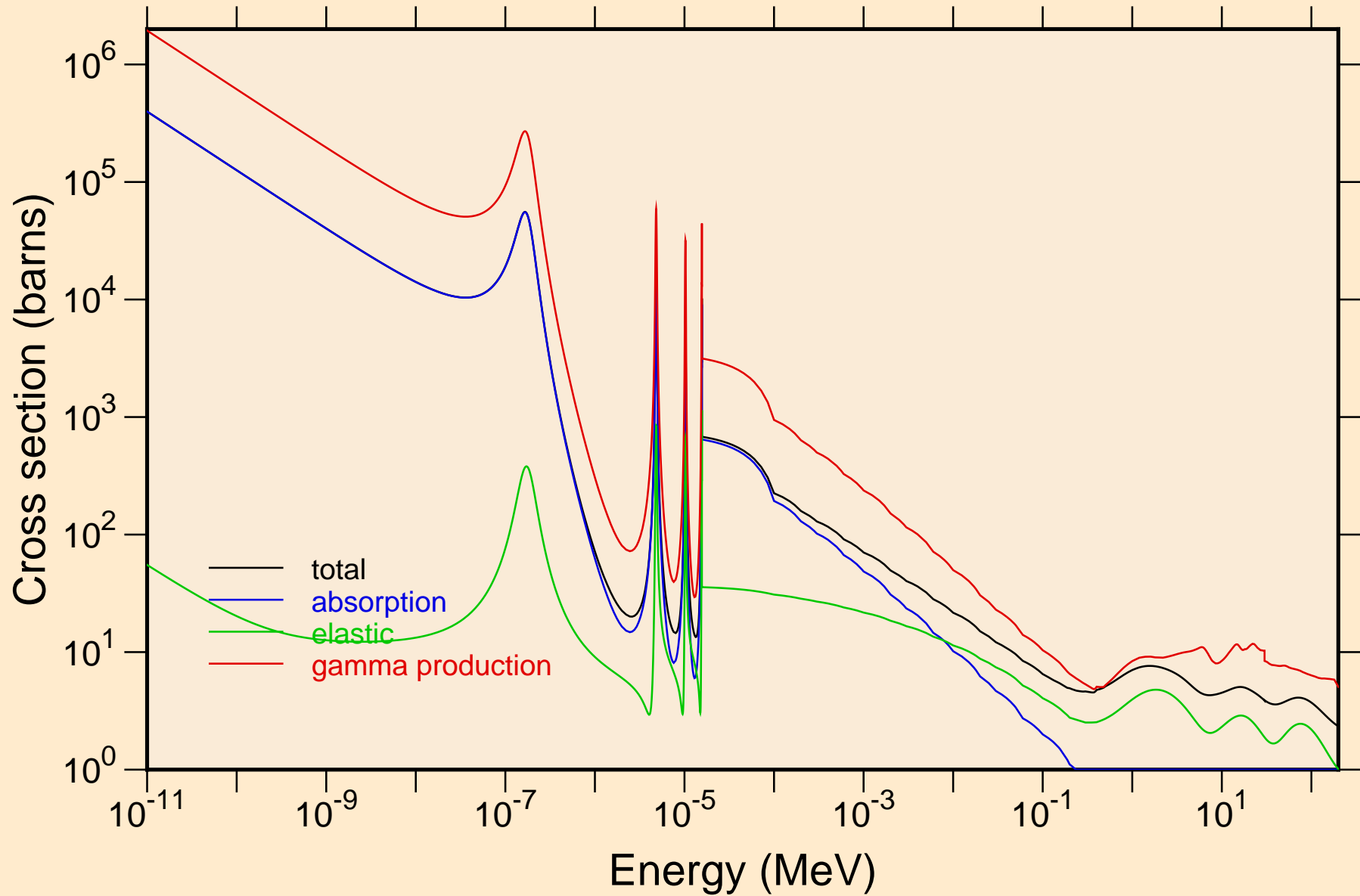


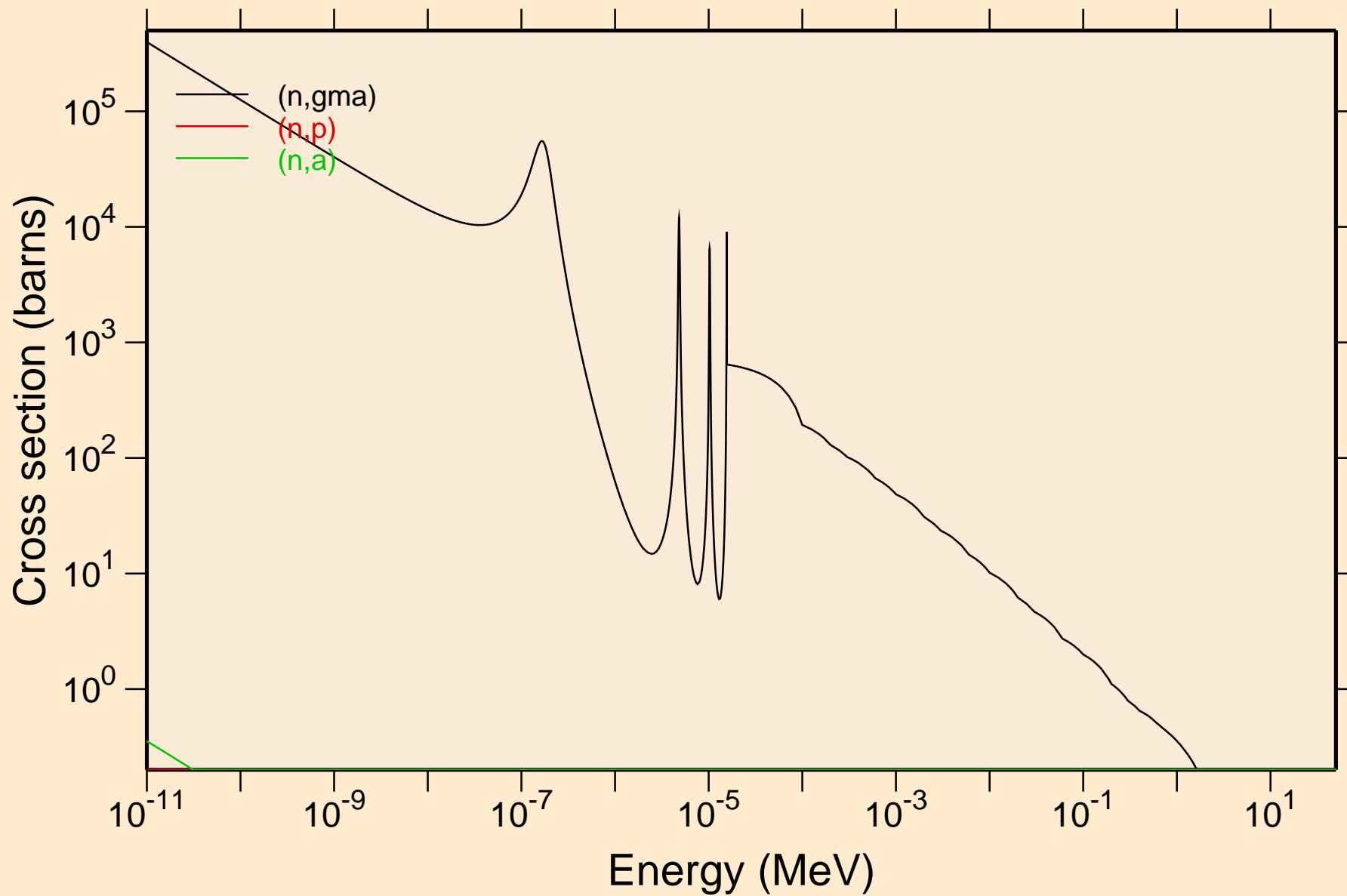
# PM148M NRG TENDL-2015, AKONING

## Principal cross sections



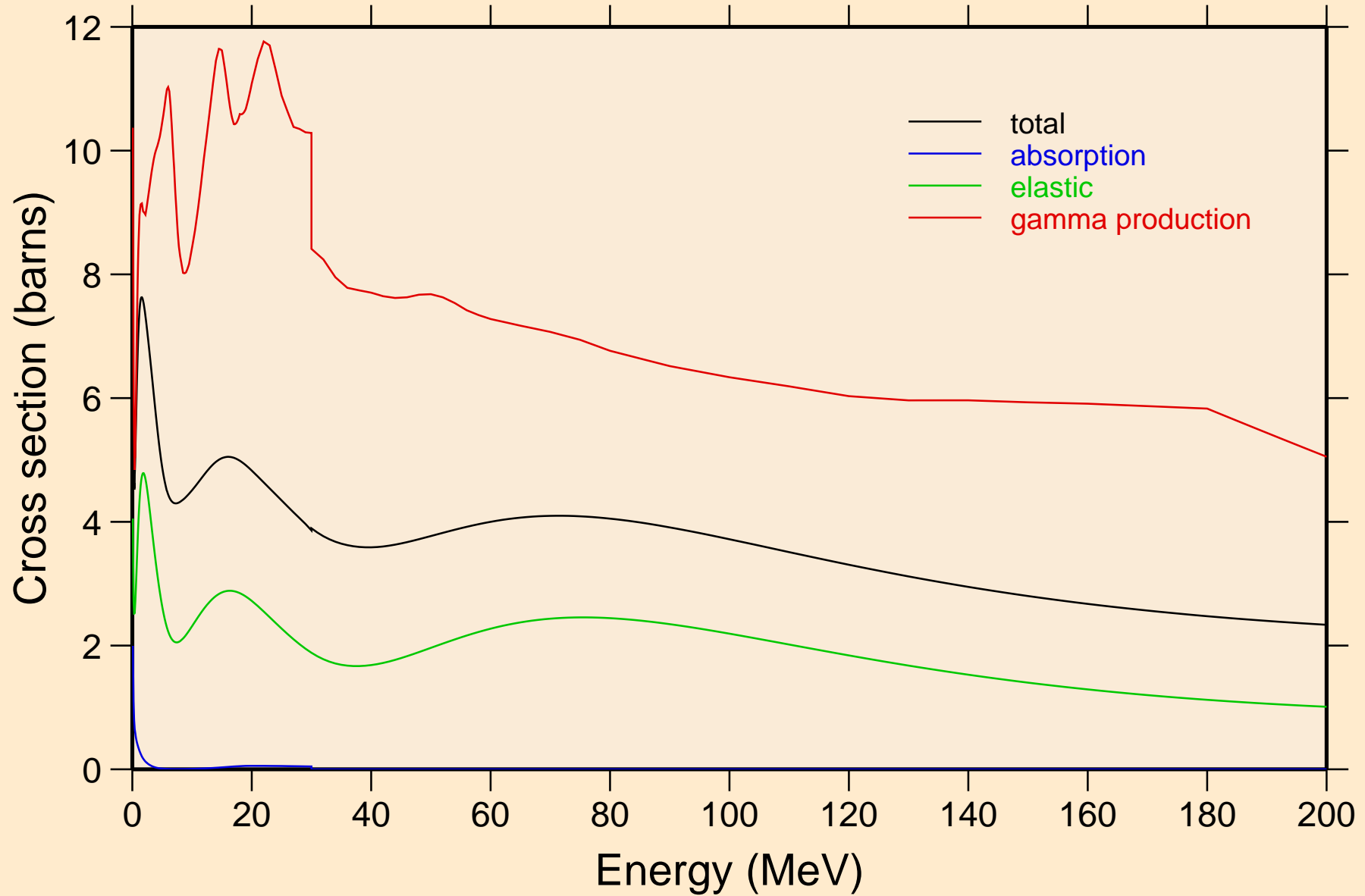
# PM148M NRG TENDL-2015, AKONING

## Non-threshold reactions



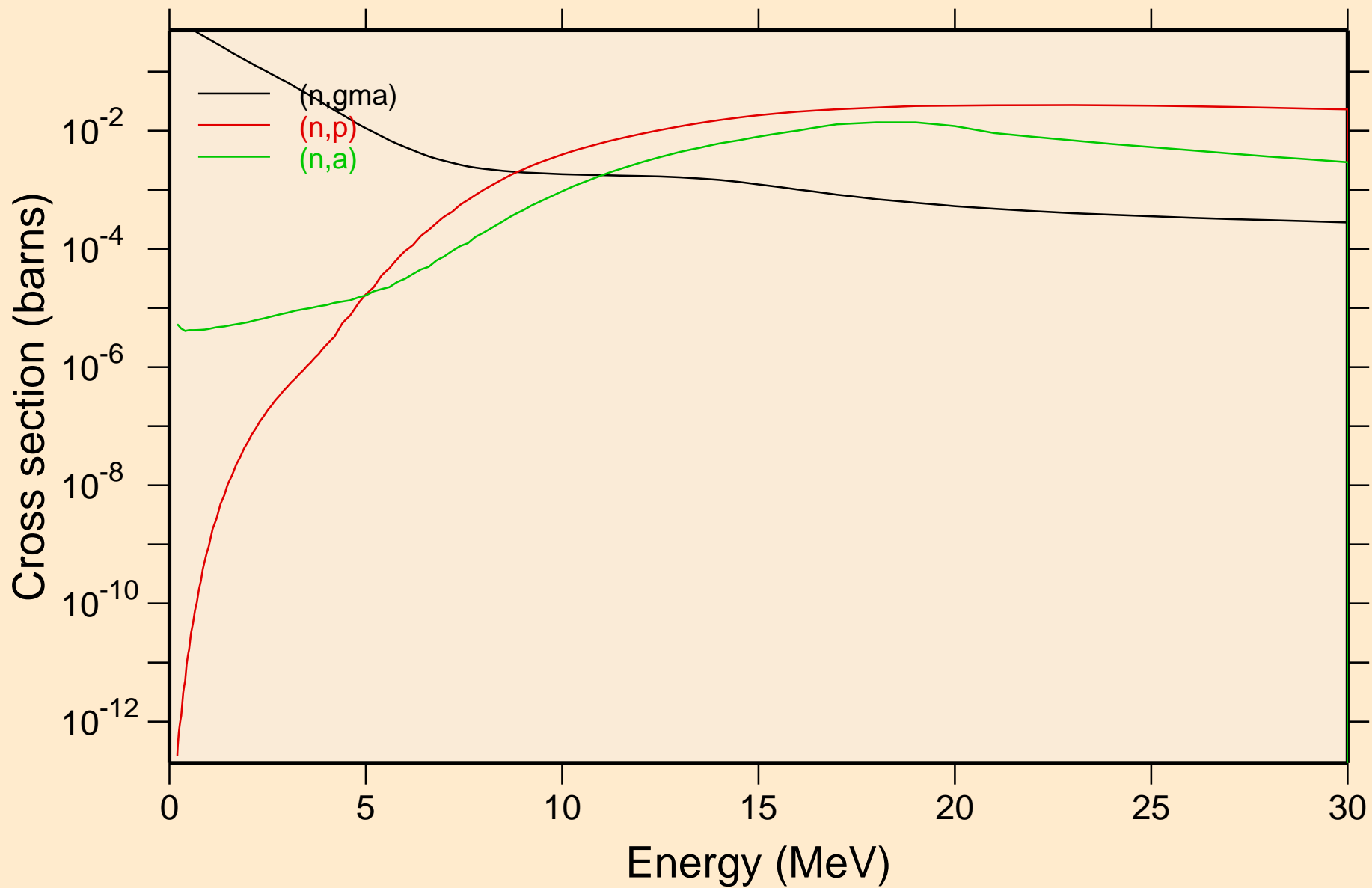
# PM148M NRG TENDL-2015, AKONING

## Principal cross sections



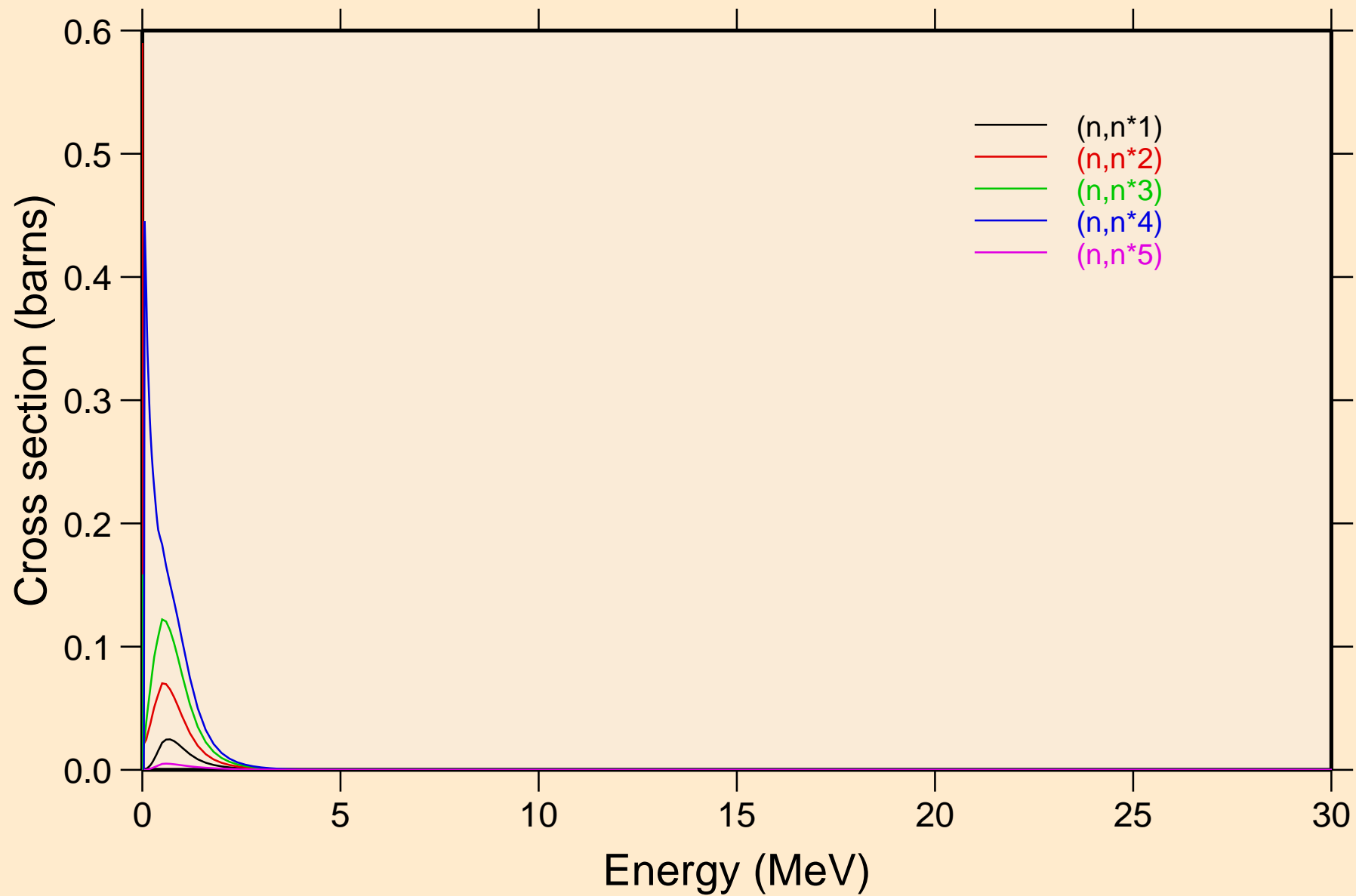
# PM148M NRG TENDL-2015, AKONING

## Non-threshold reactions



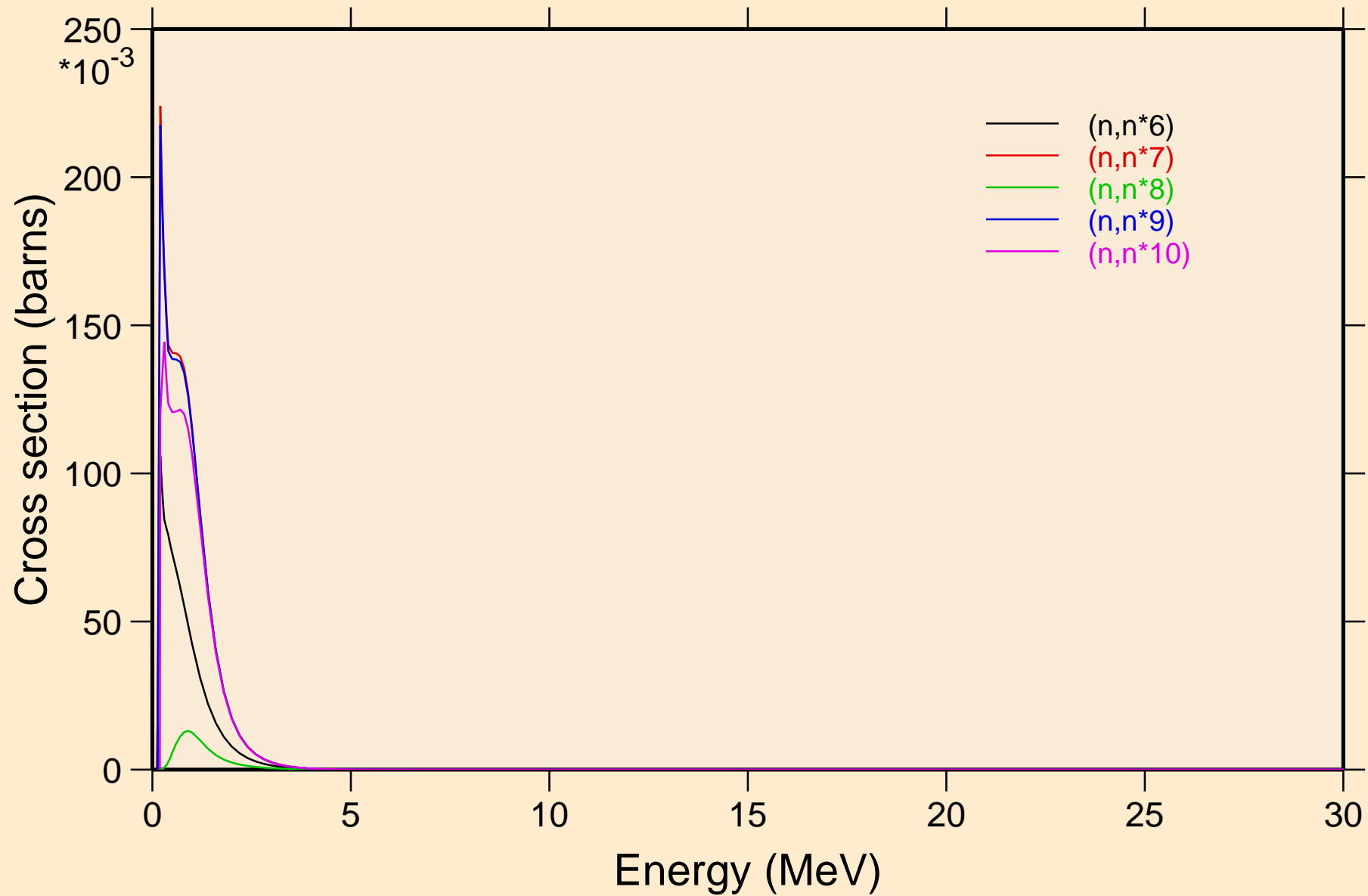
# PM148M NRG TENDL-2015, AKONING

## Inelastic levels



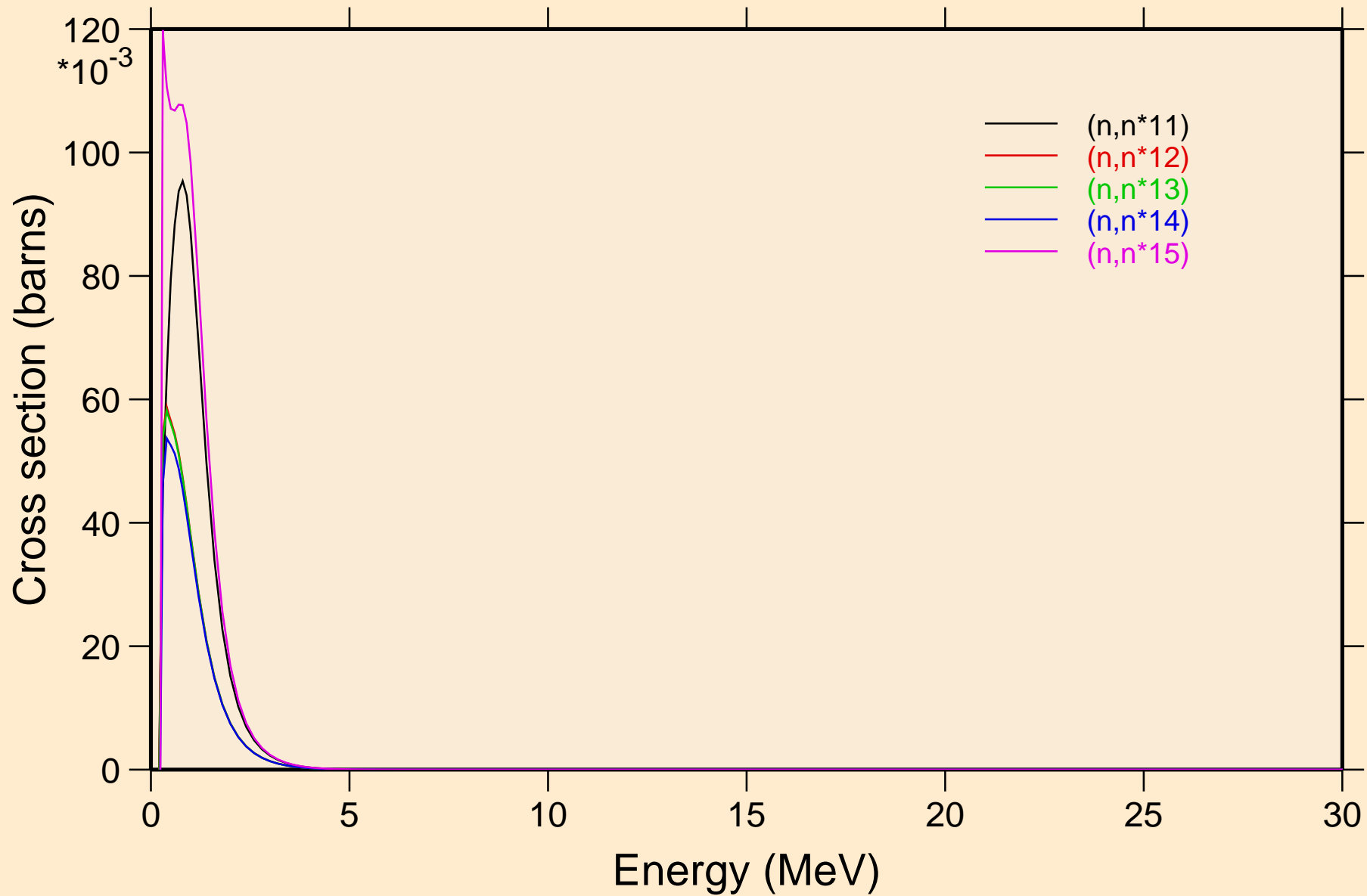
# PM148M NRG TENDL-2015, AKONING

## Inelastic levels



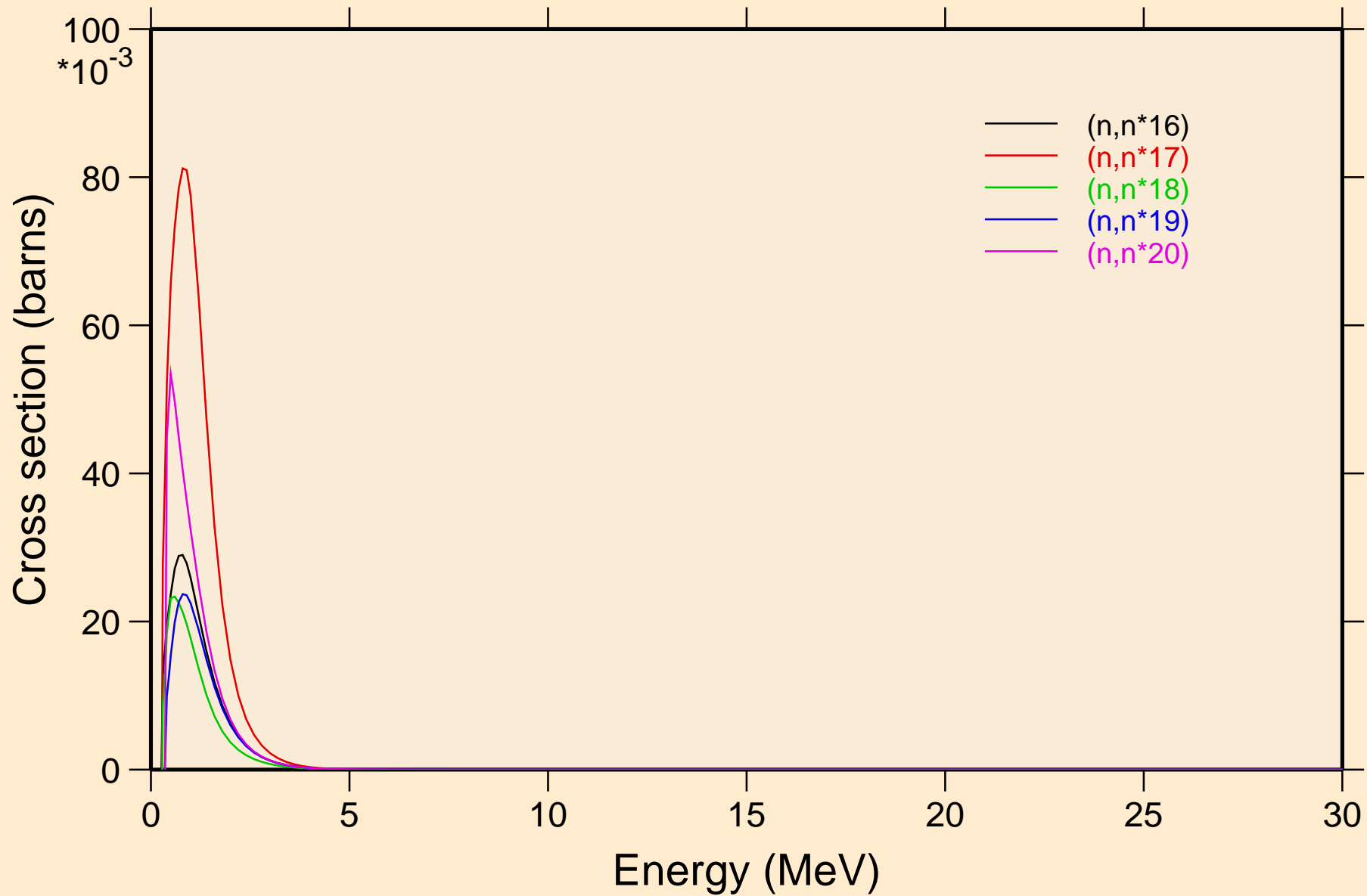
# PM148M NRG TENDL-2015, AKONING

## Inelastic levels



# PM148M NRG TENDL-2015, AKONING

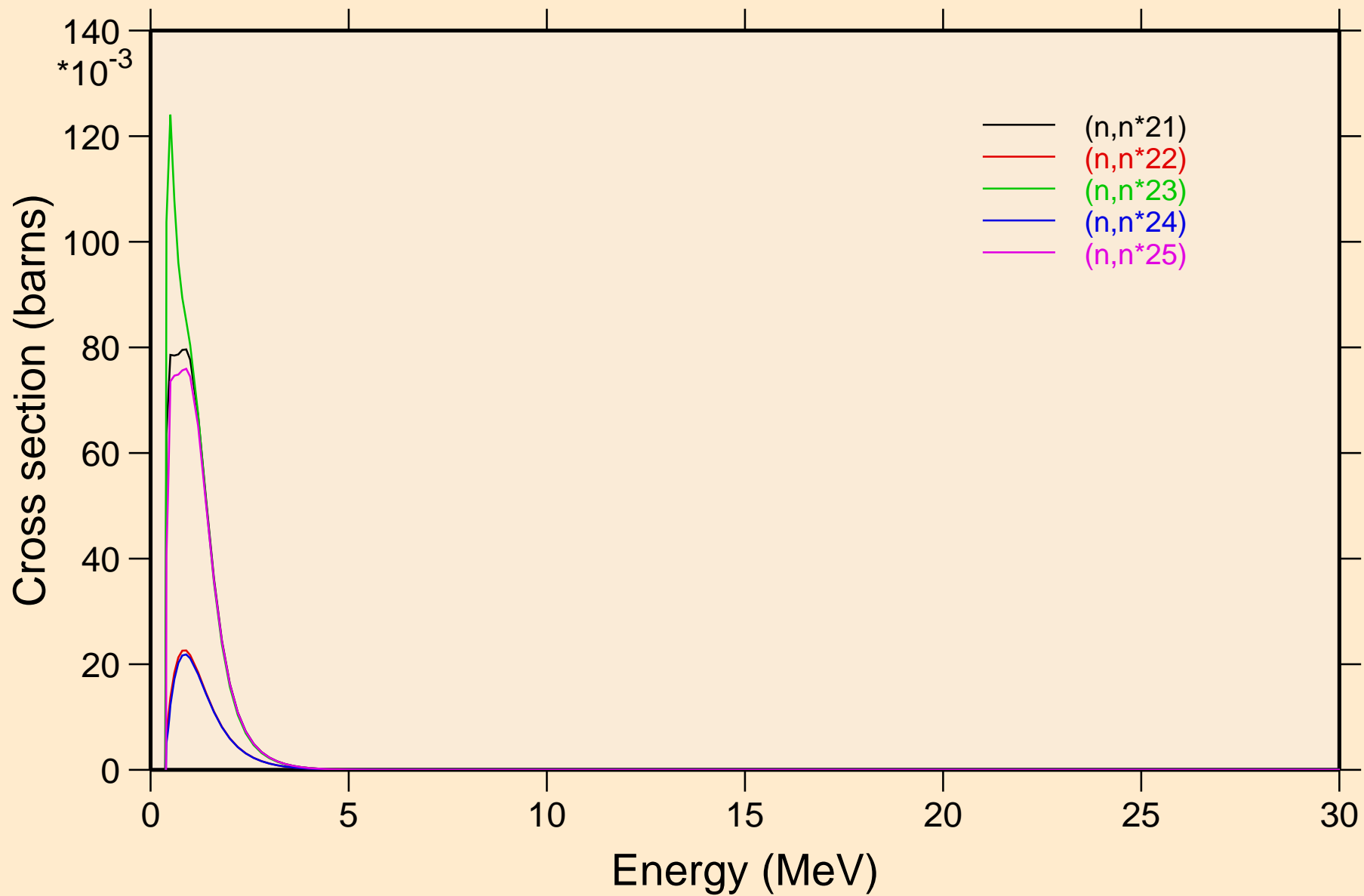
## Inelastic levels





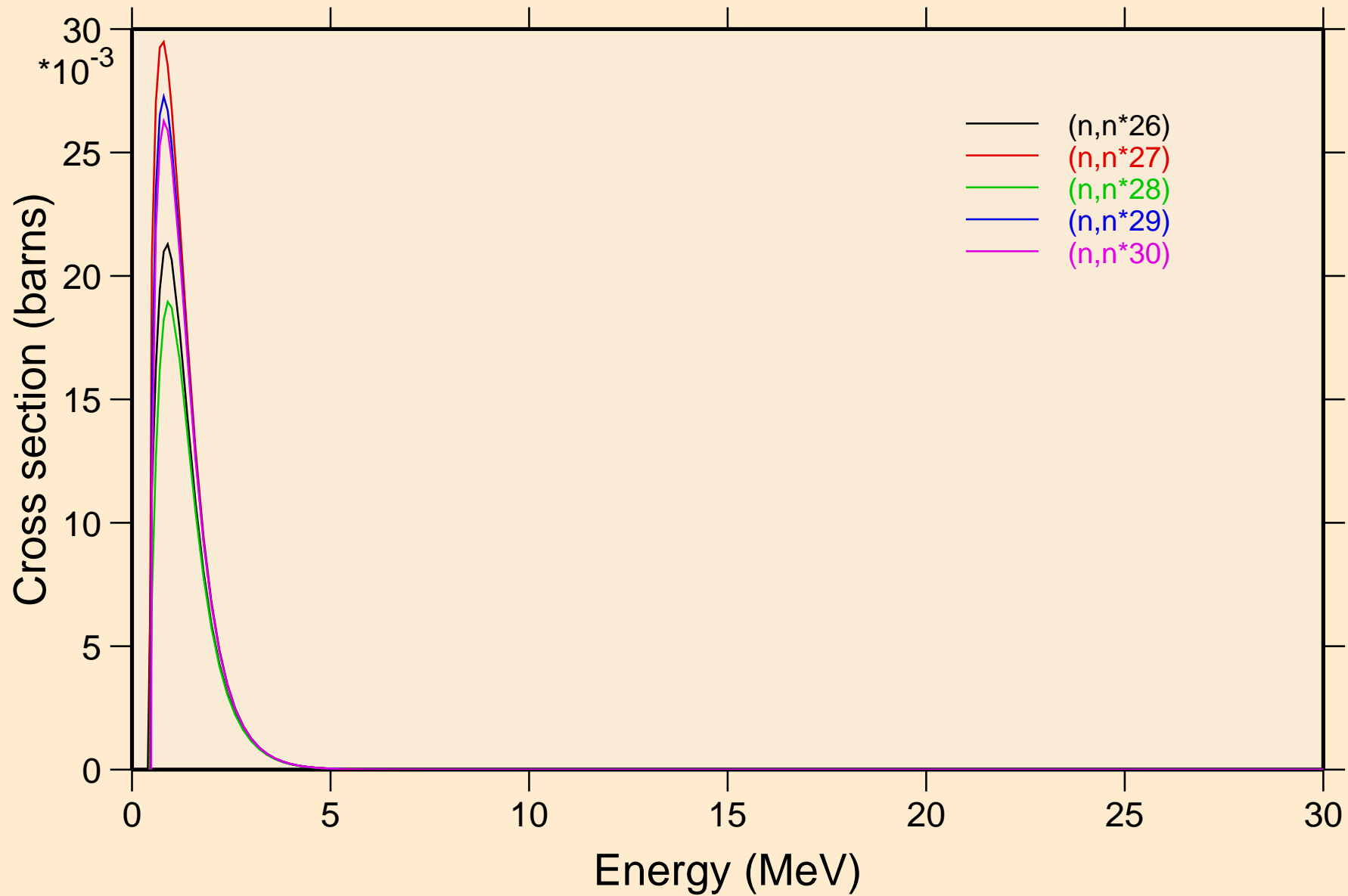
# PM148M NRG TENDL-2015, AKONING

## Inelastic levels



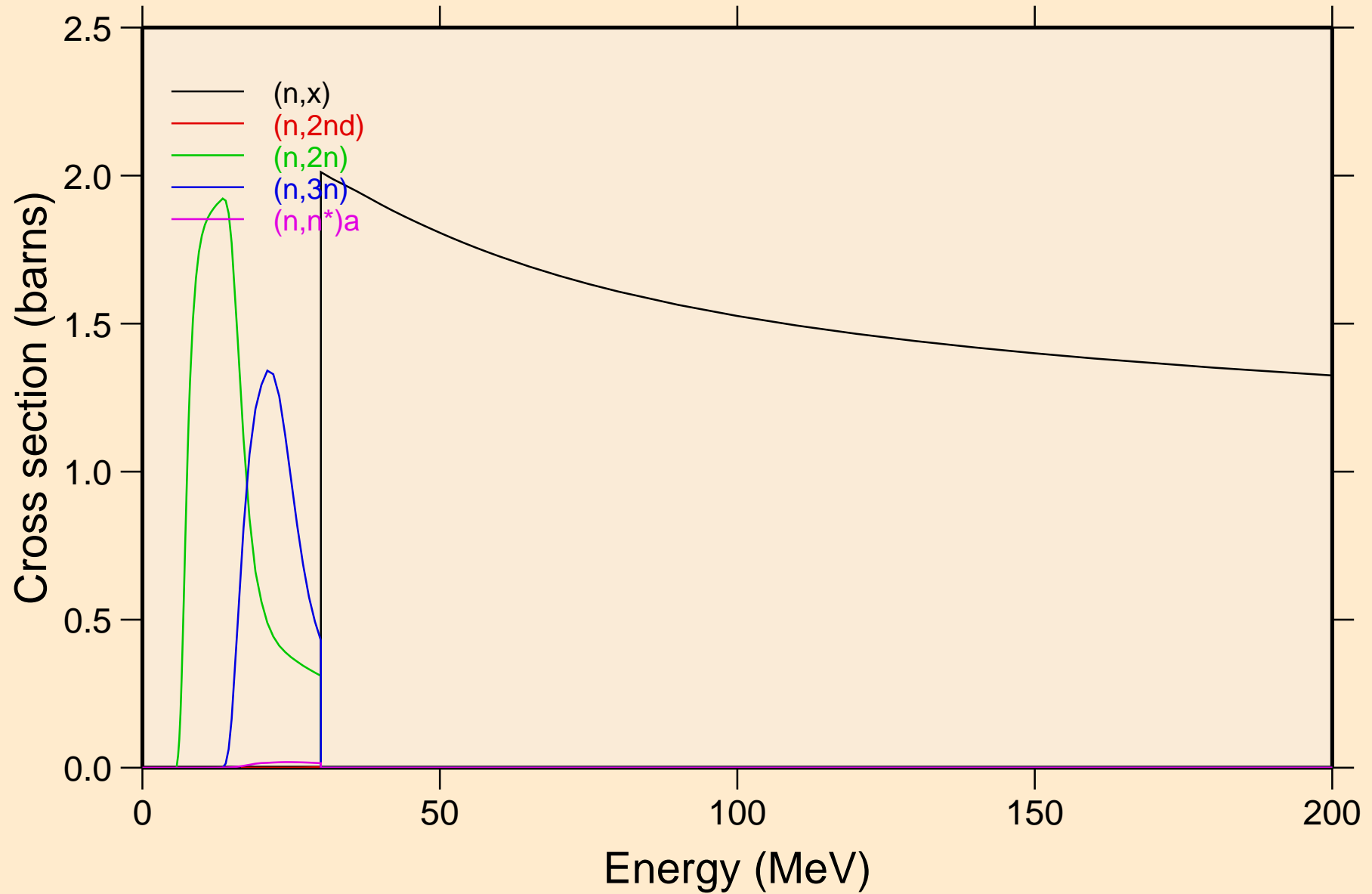
# PM148M NRG TENDL-2015, AKONING

## Inelastic levels



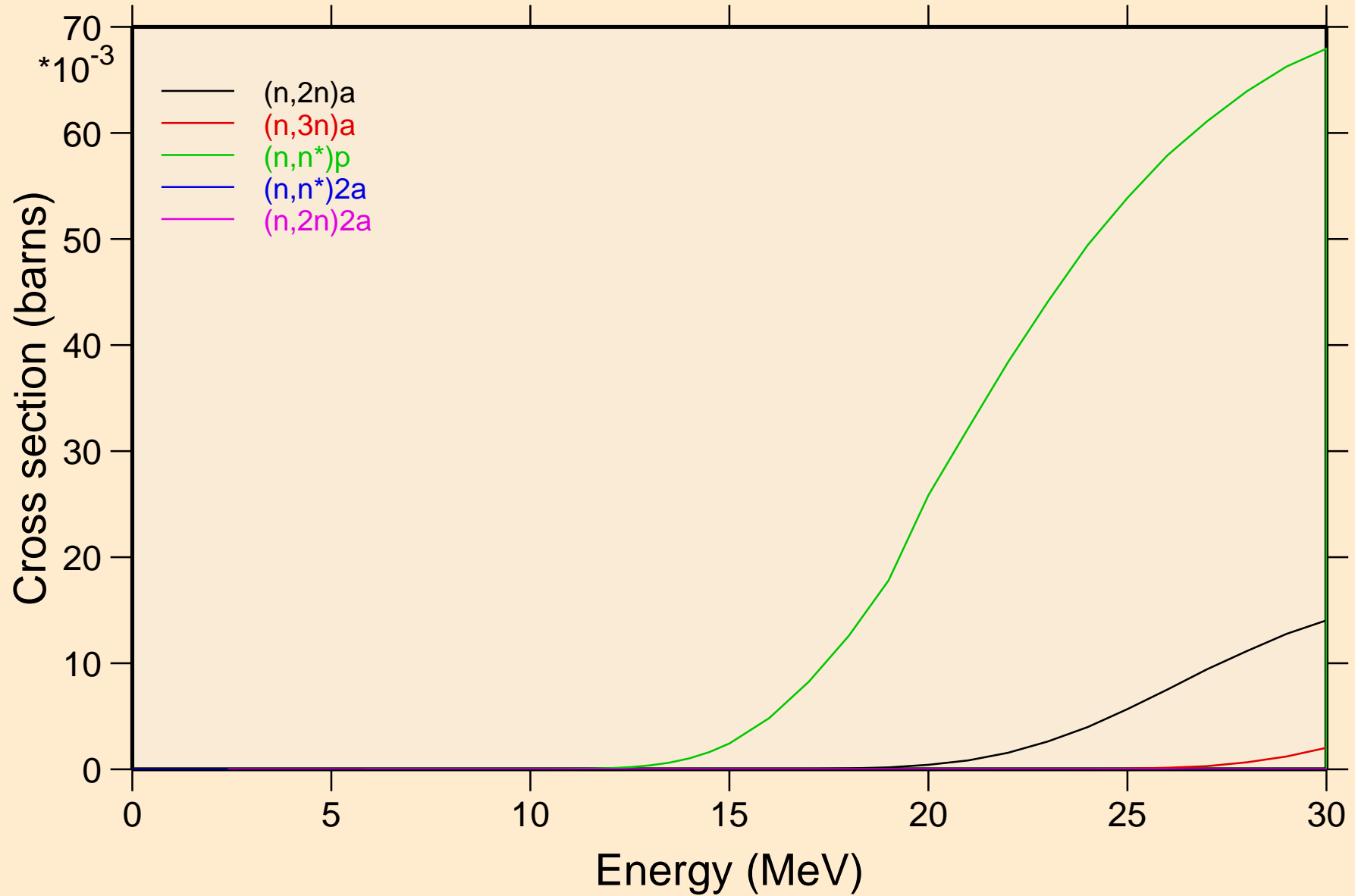
# PM148M NRG TENDL-2015, AKONING

## Threshold reactions



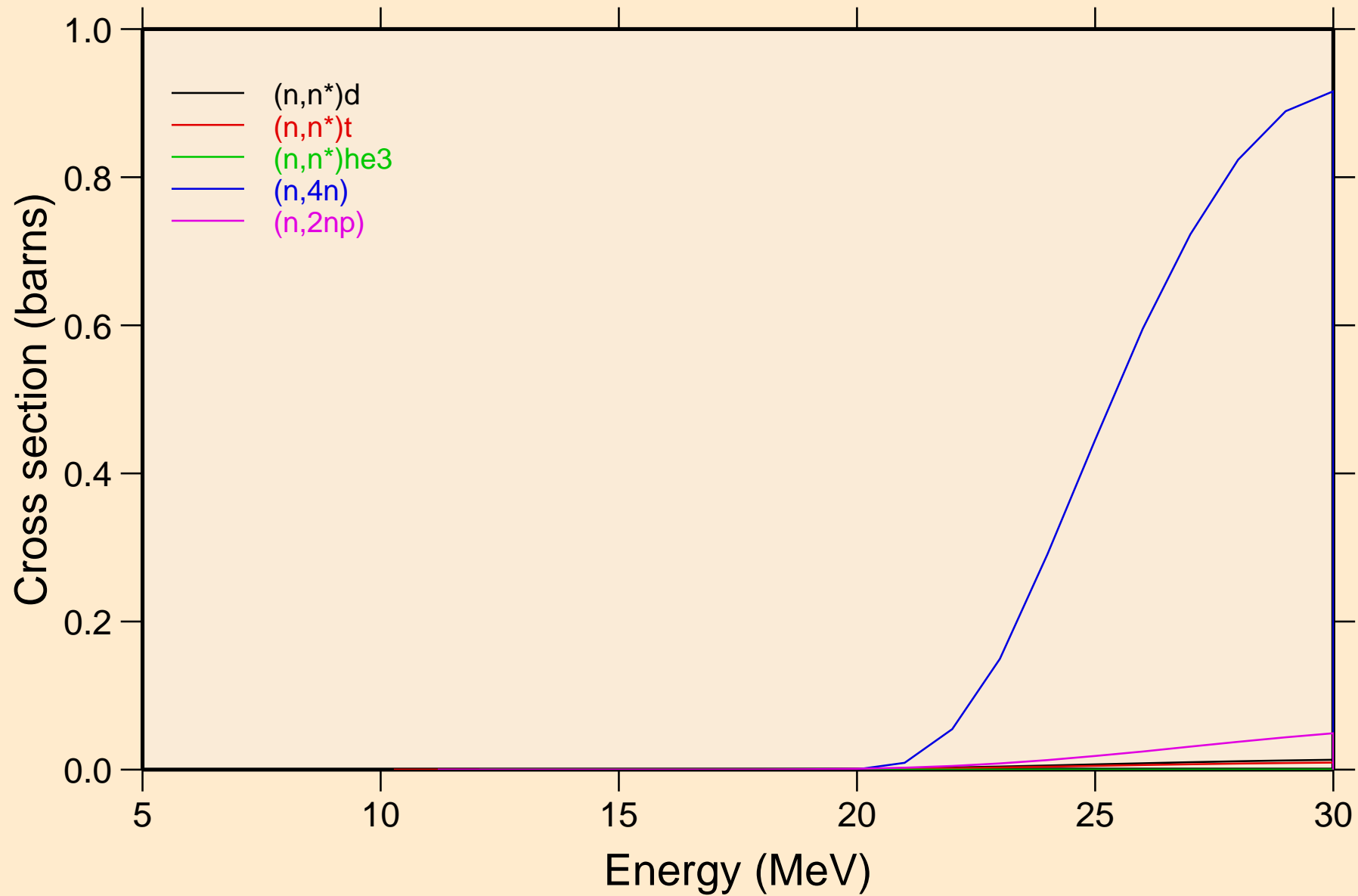
# PM148M NRG TENDL-2015, AKONING

## Threshold reactions



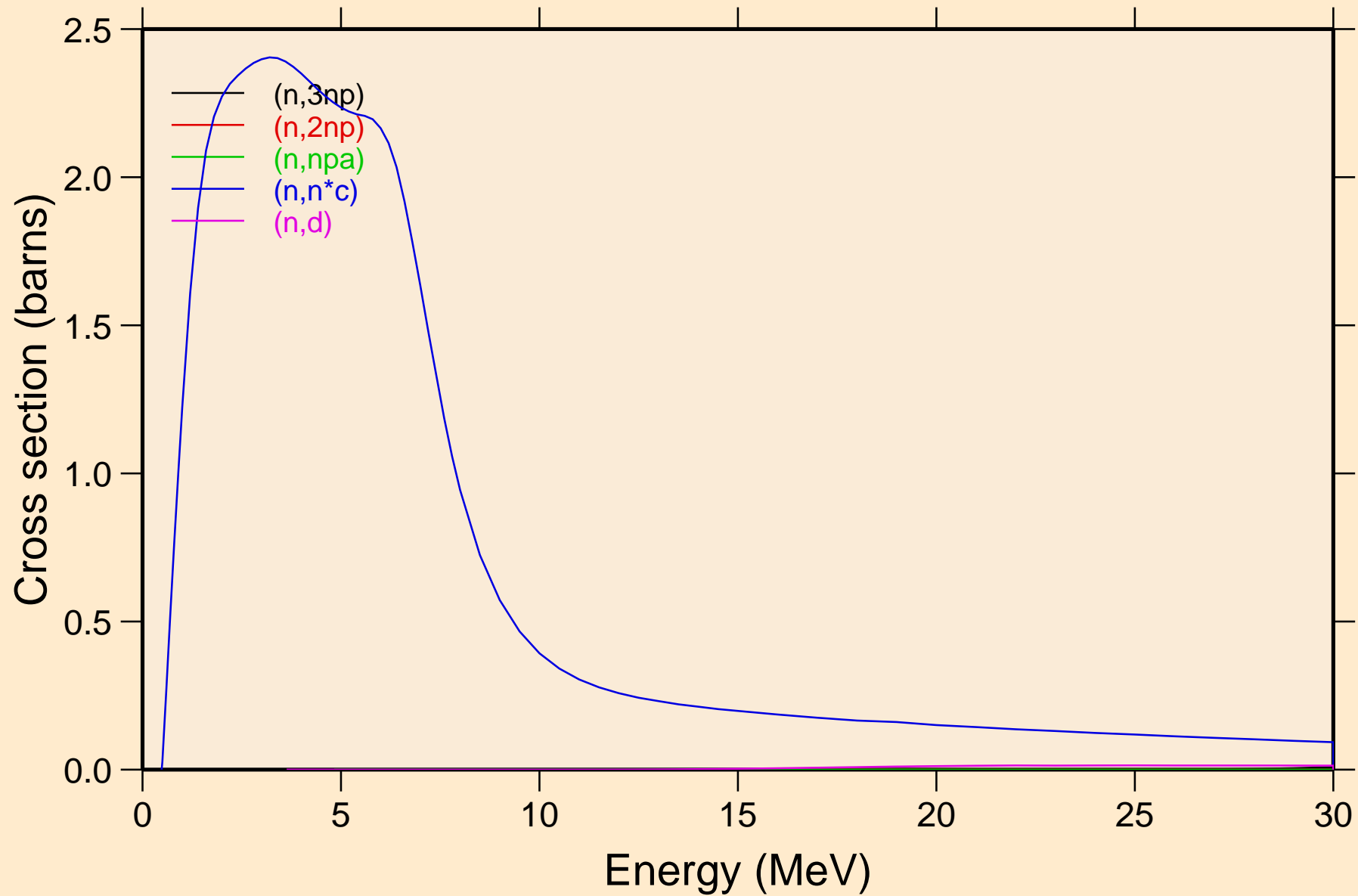
# PM148M NRG TENDL-2015, AKONING

## Threshold reactions



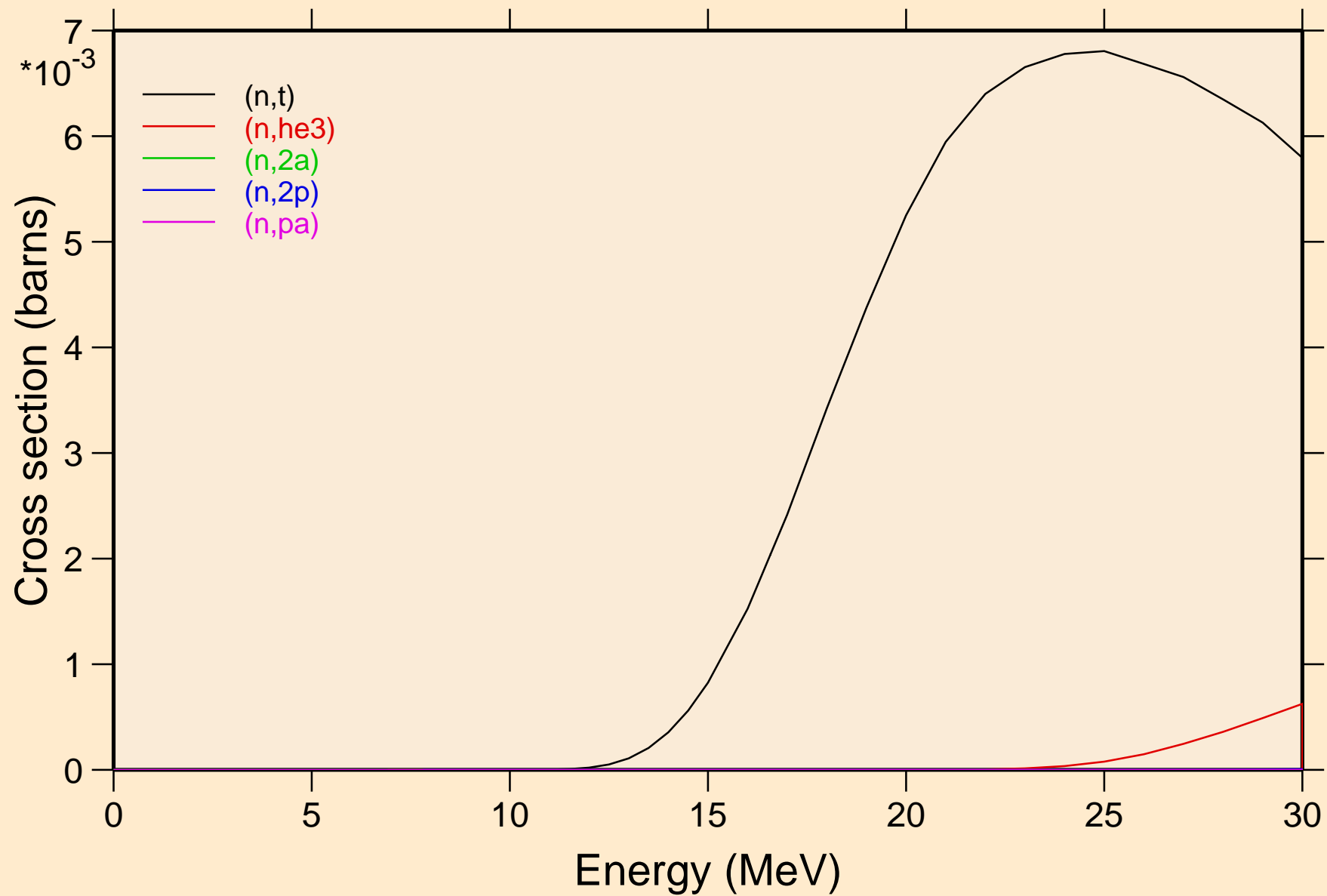
# PM148M NRG TENDL-2015, AKONING

## Threshold reactions



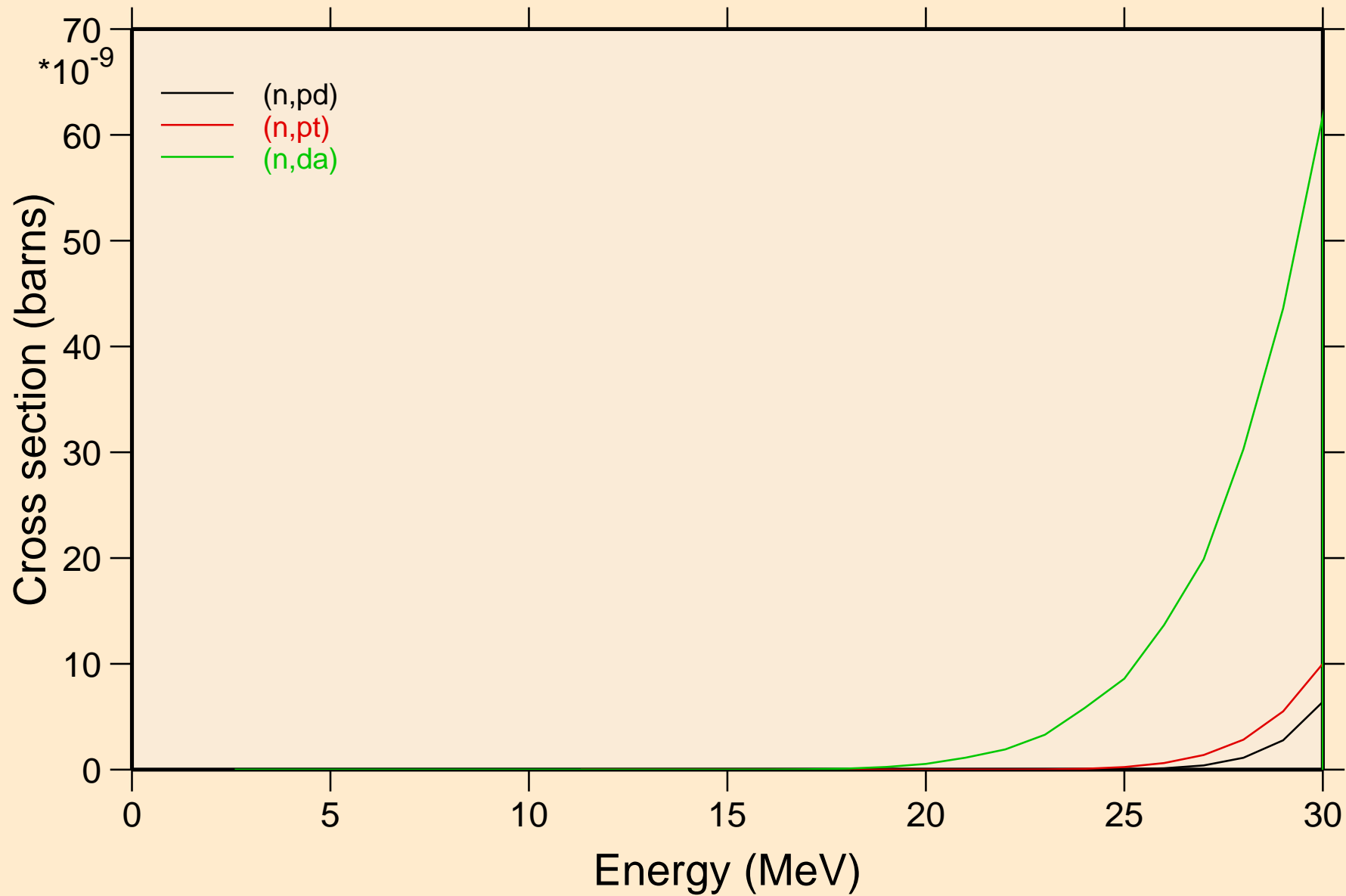
# PM148M NRG TENDL-2015, AKONING

## Threshold reactions



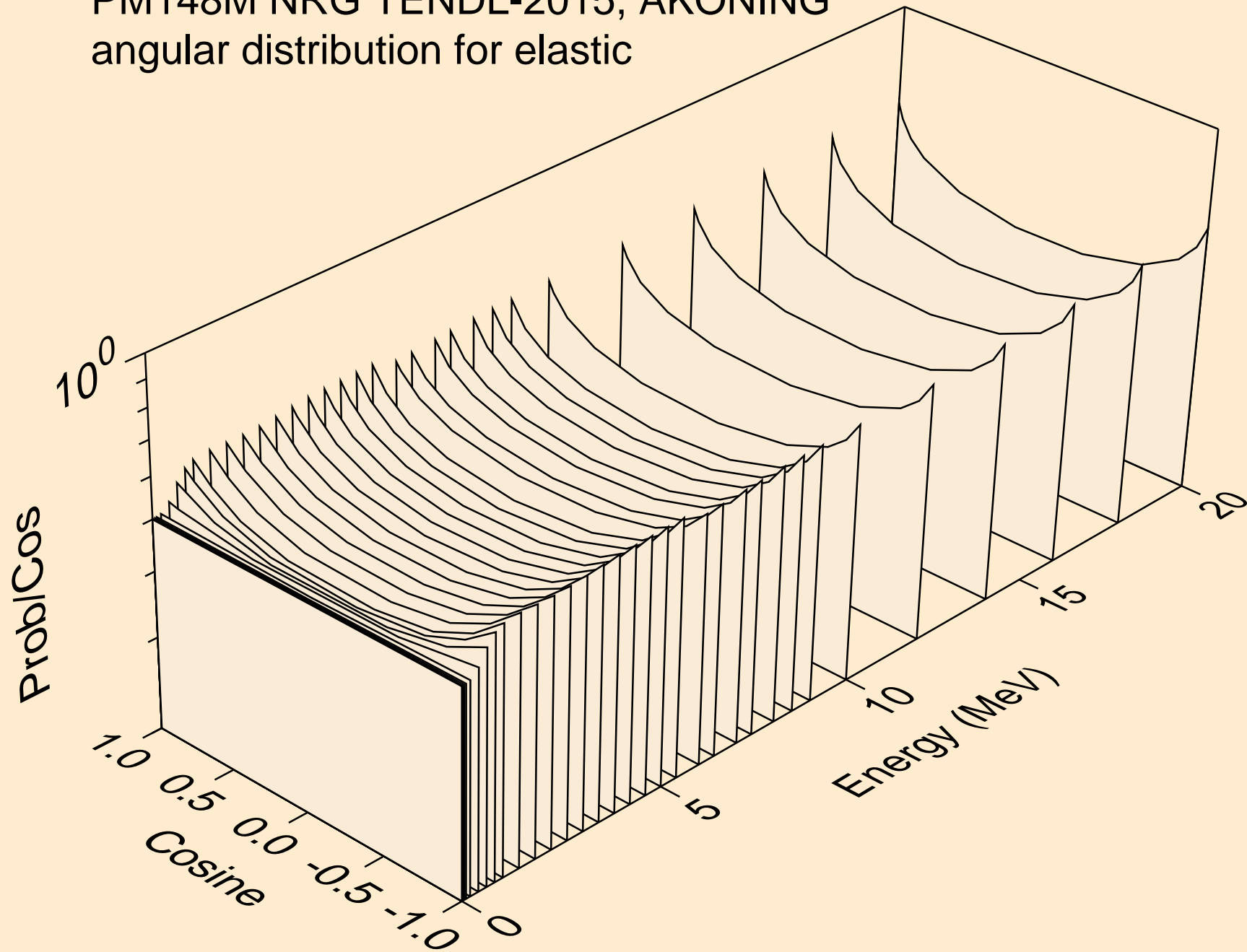
# PM148M NRG TENDL-2015, AKONING

## Threshold reactions

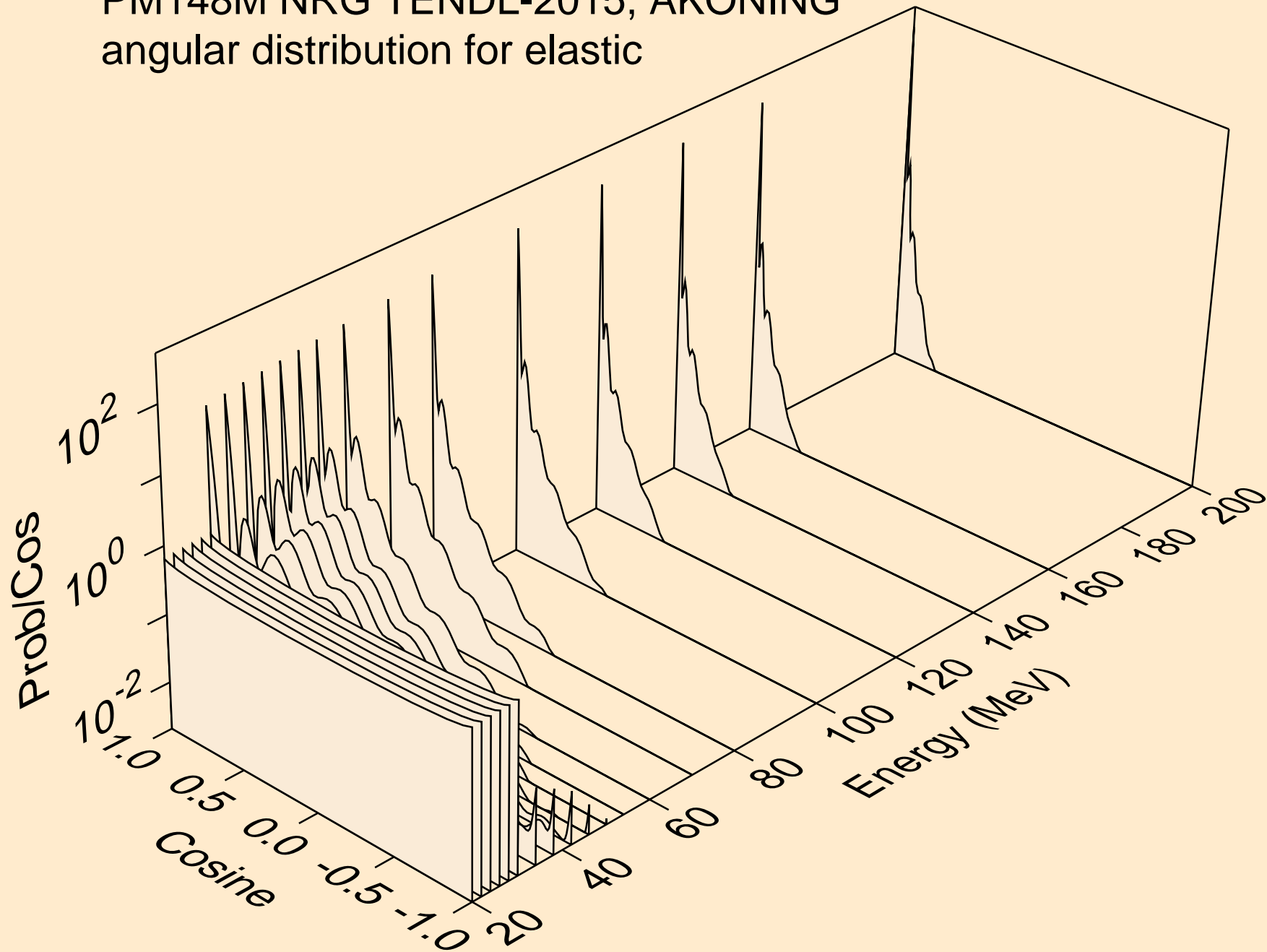




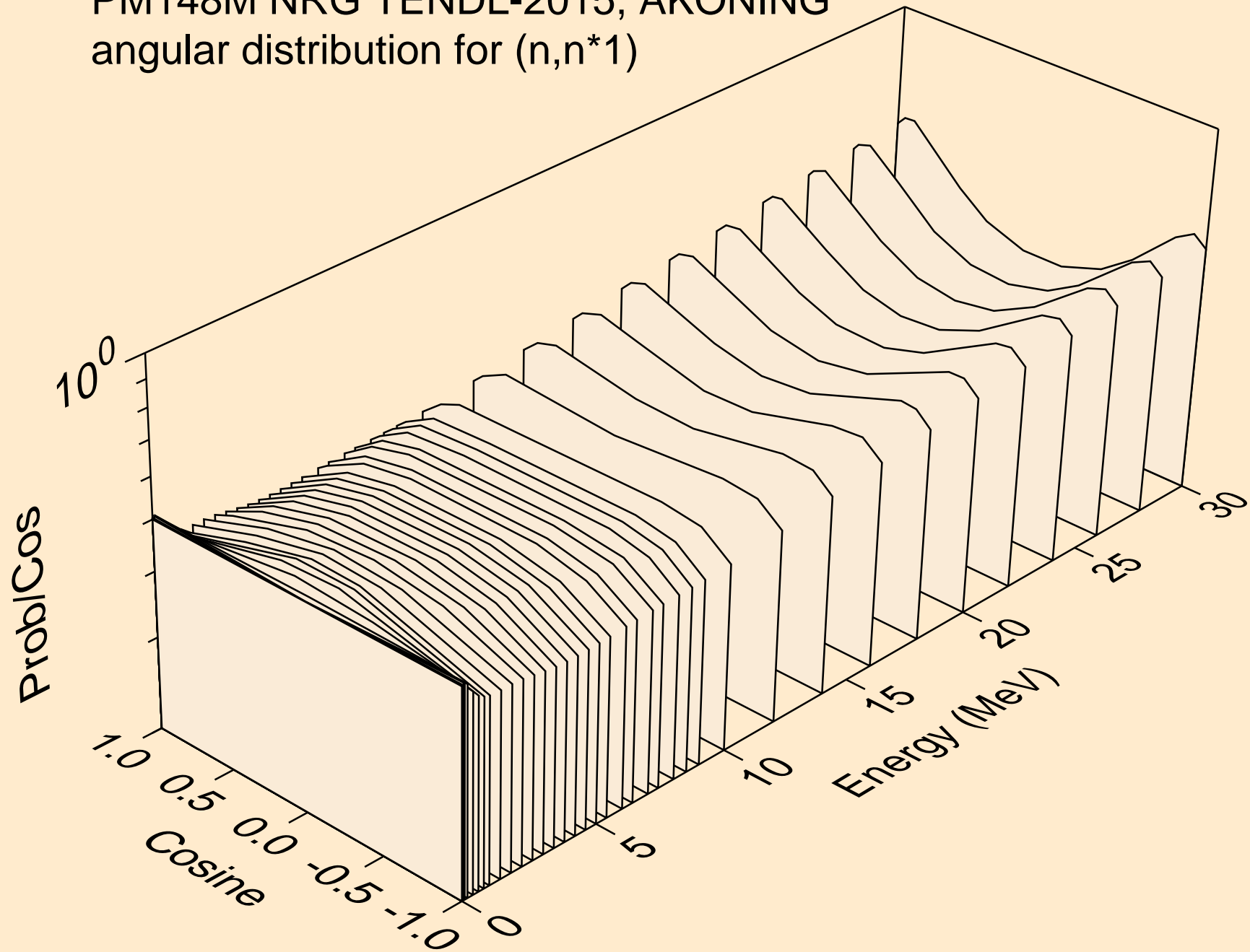
PM148M NRG TENDL-2015, AKONING  
angular distribution for elastic



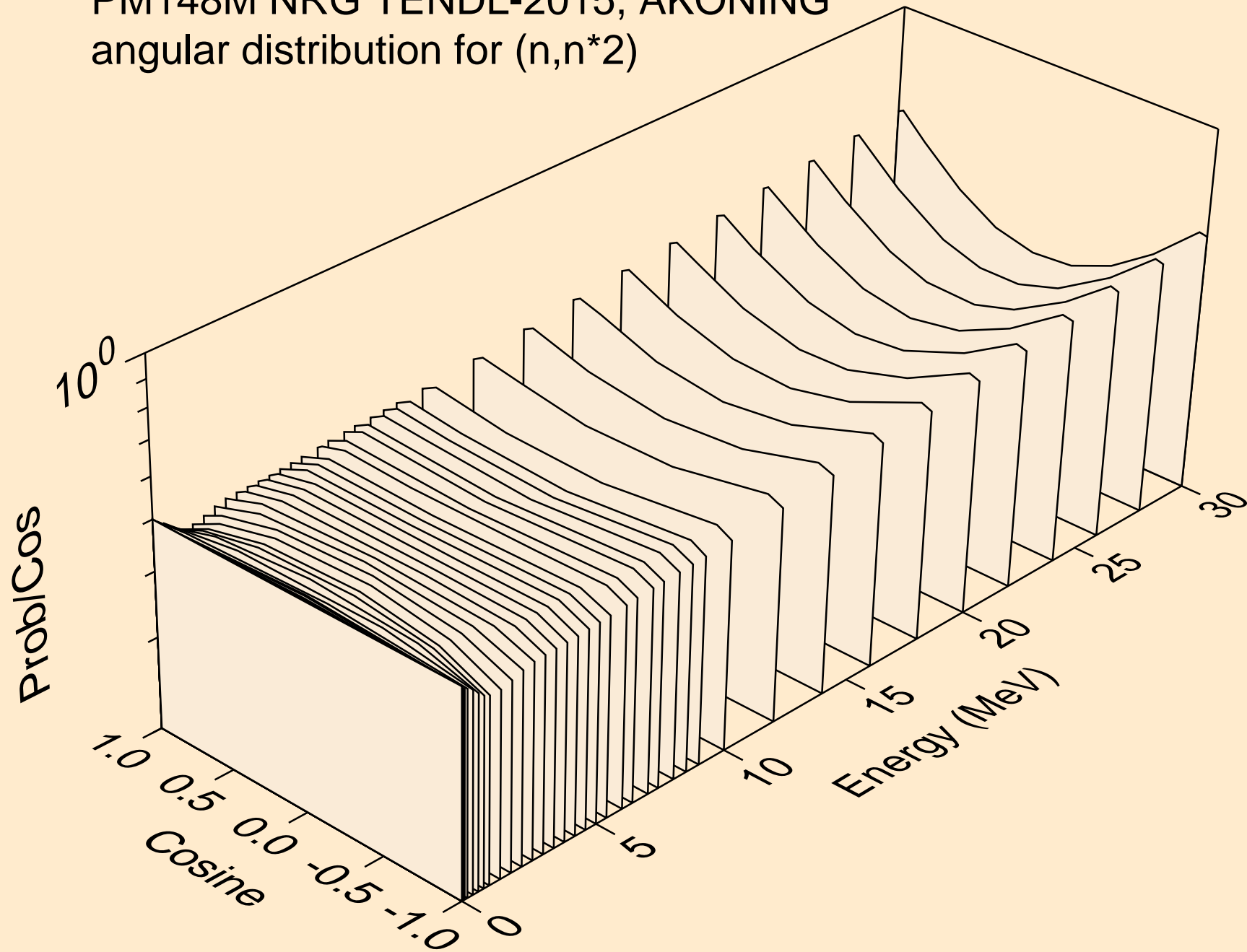
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angular distribution for elastic



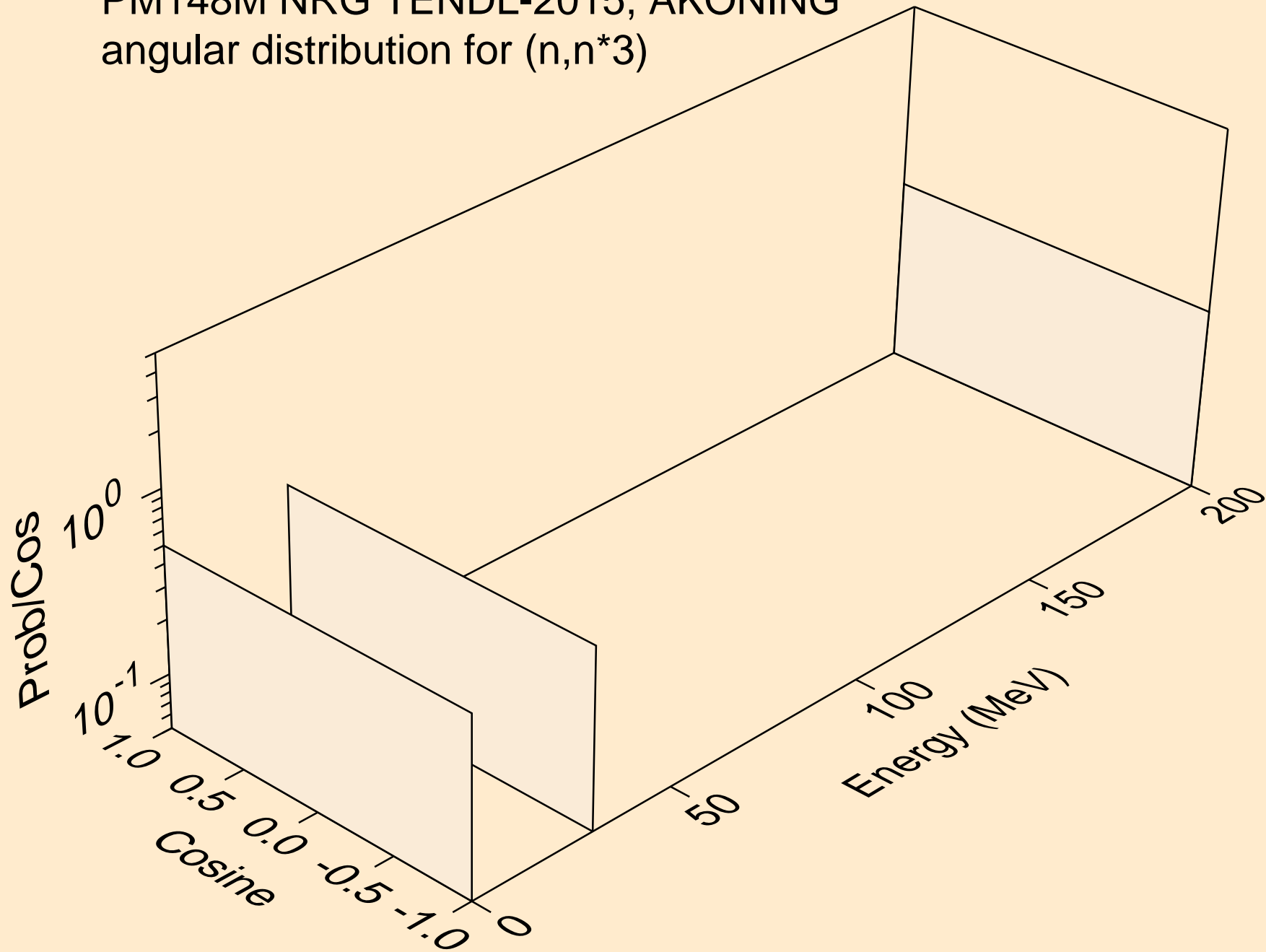
PM148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



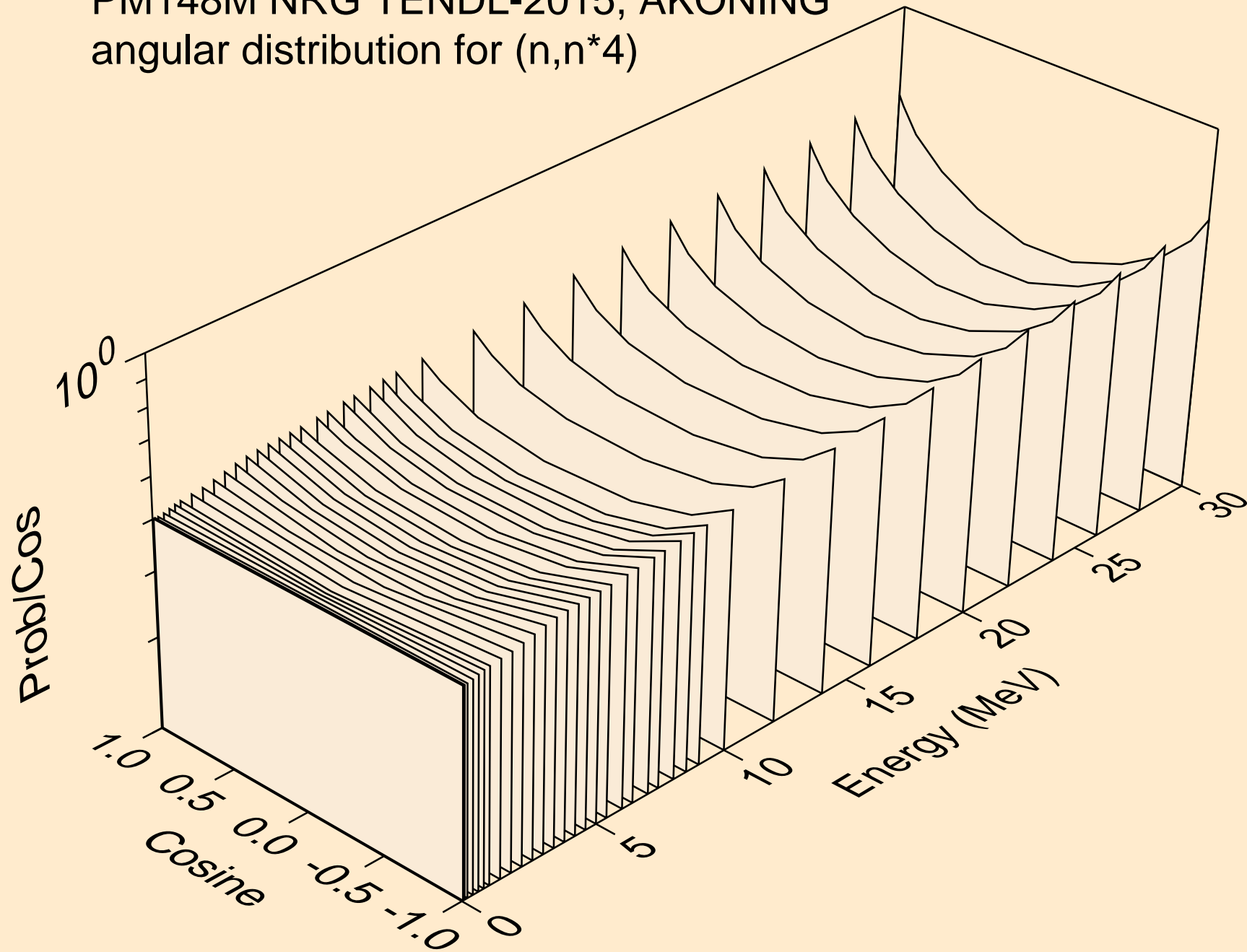
PM148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



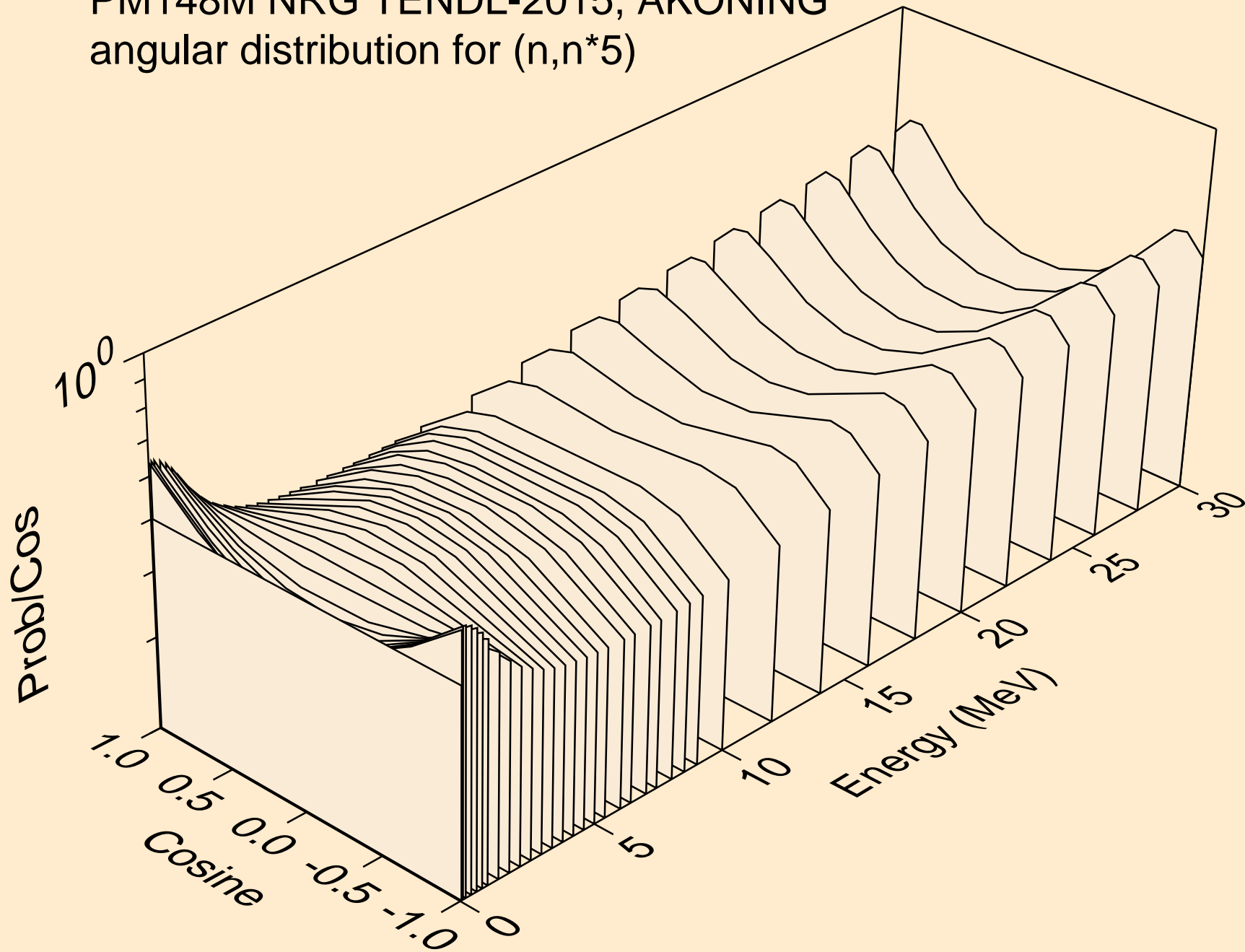
PM148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



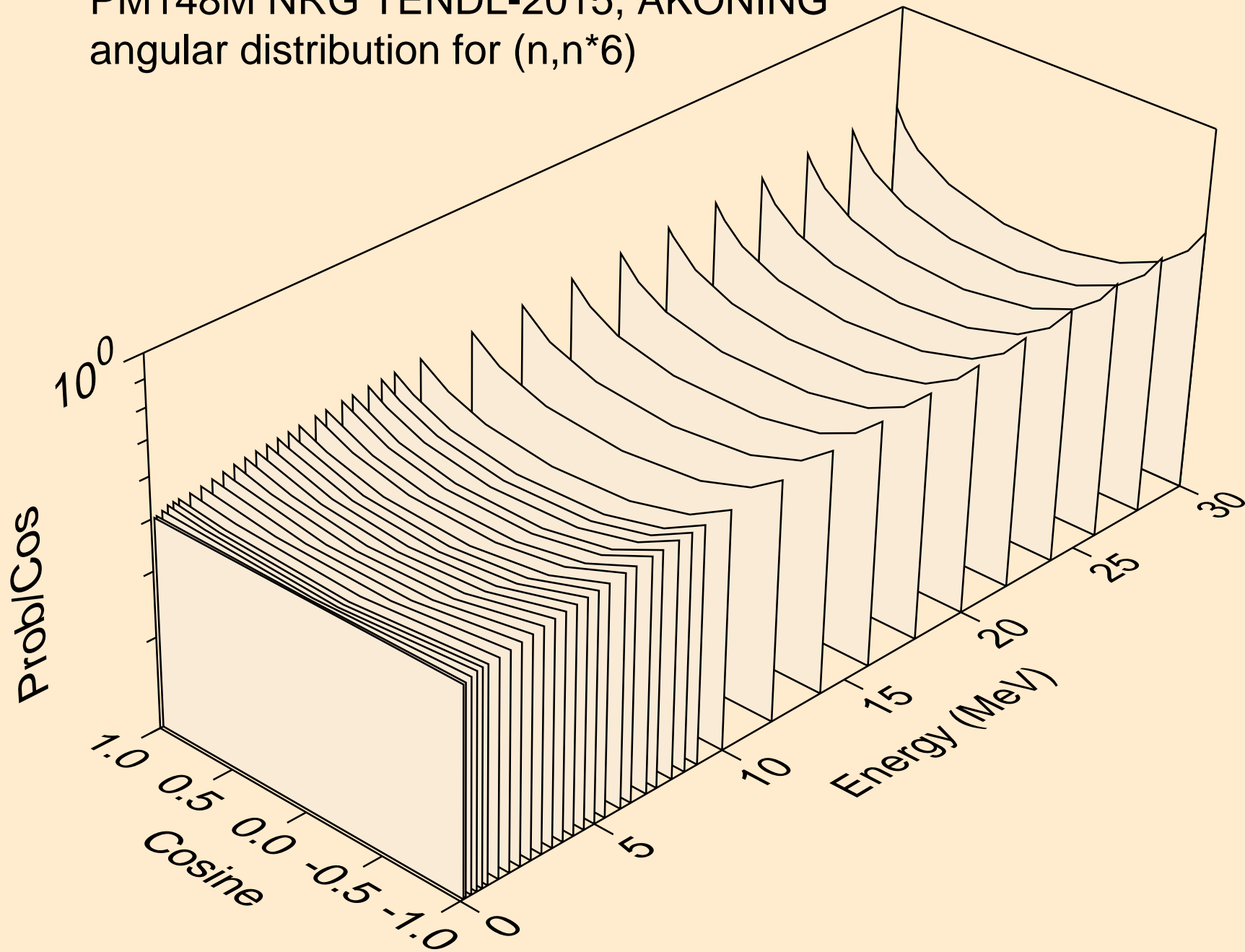
PM148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



PM148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

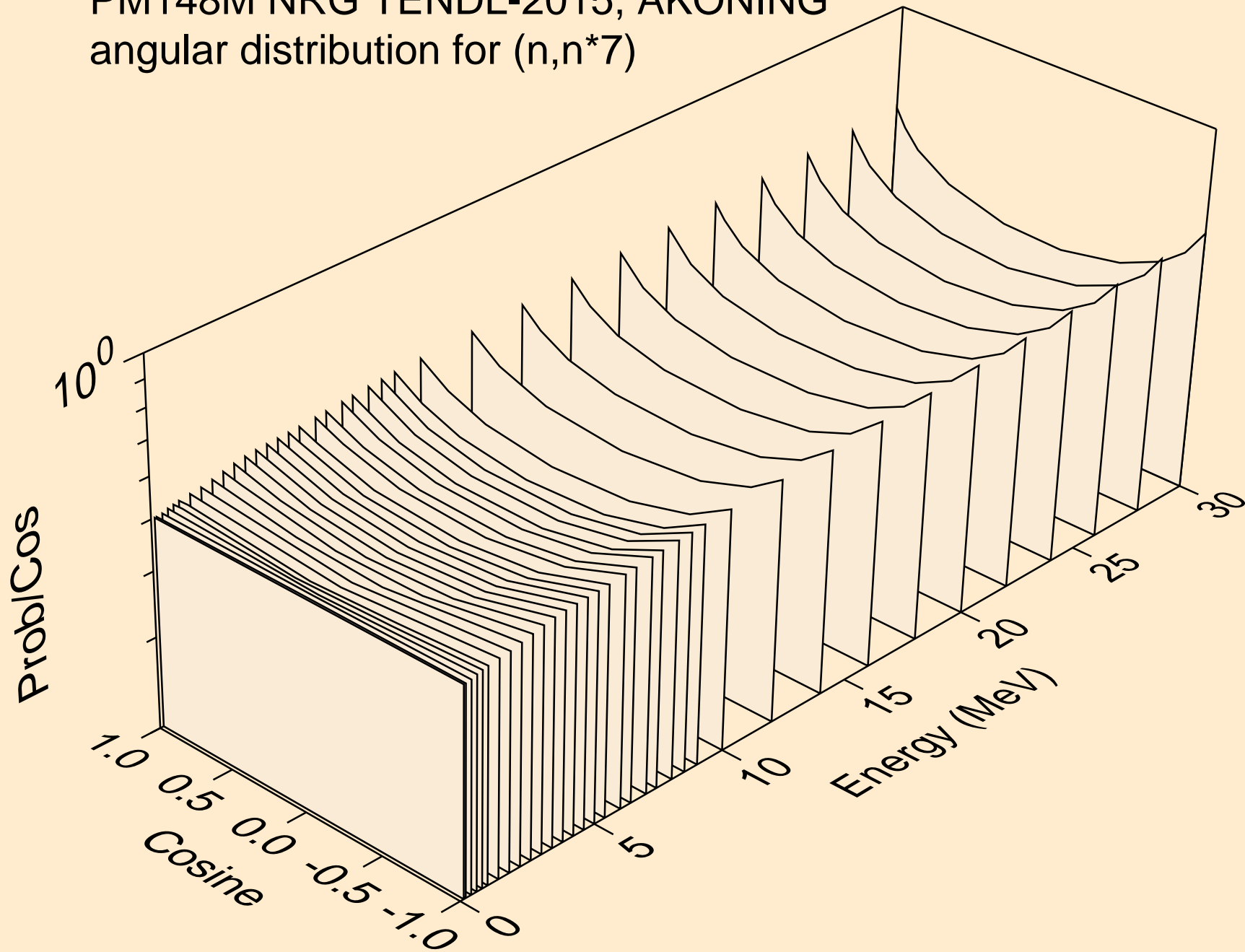


PM148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

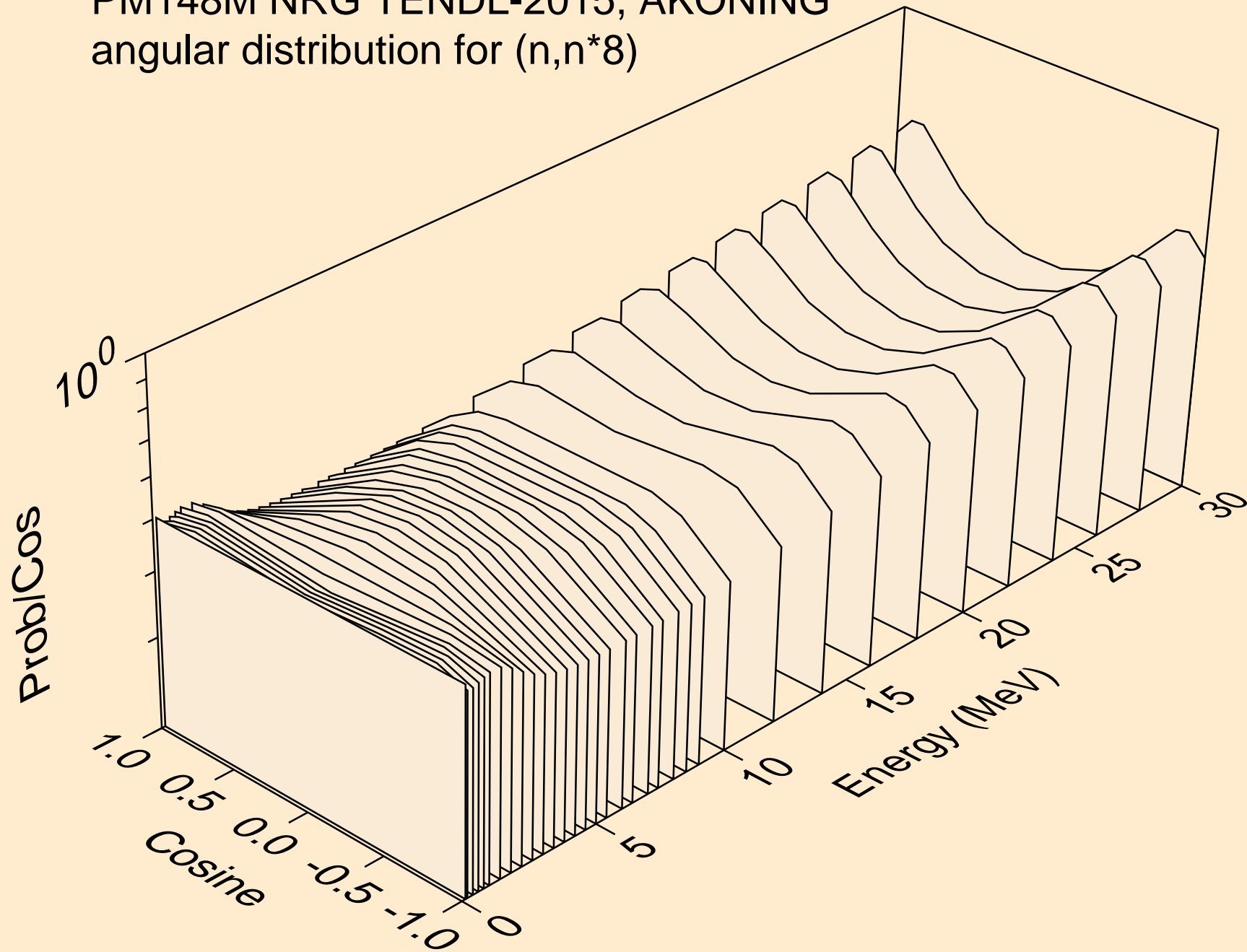




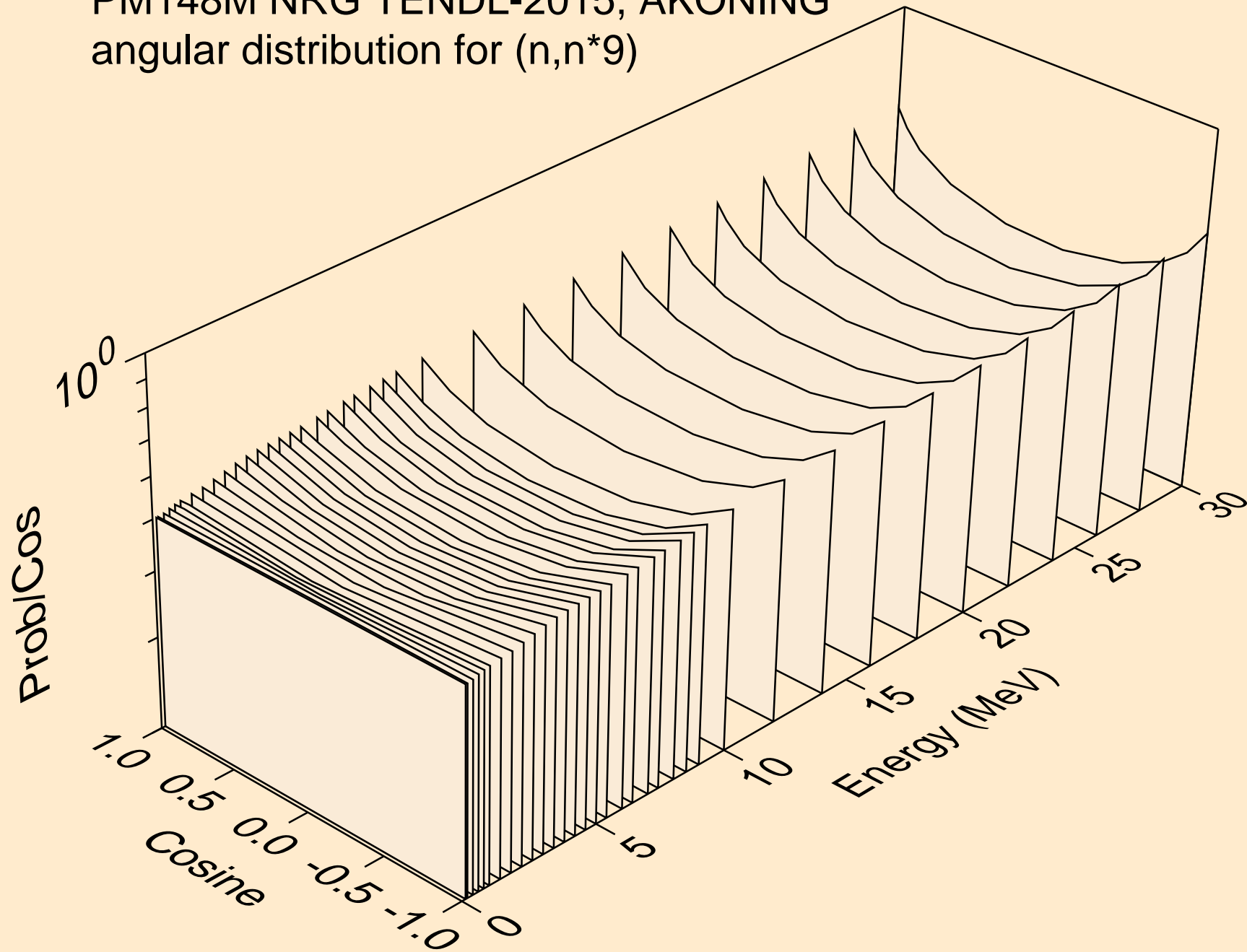
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angular distribution for (n,n\*7)



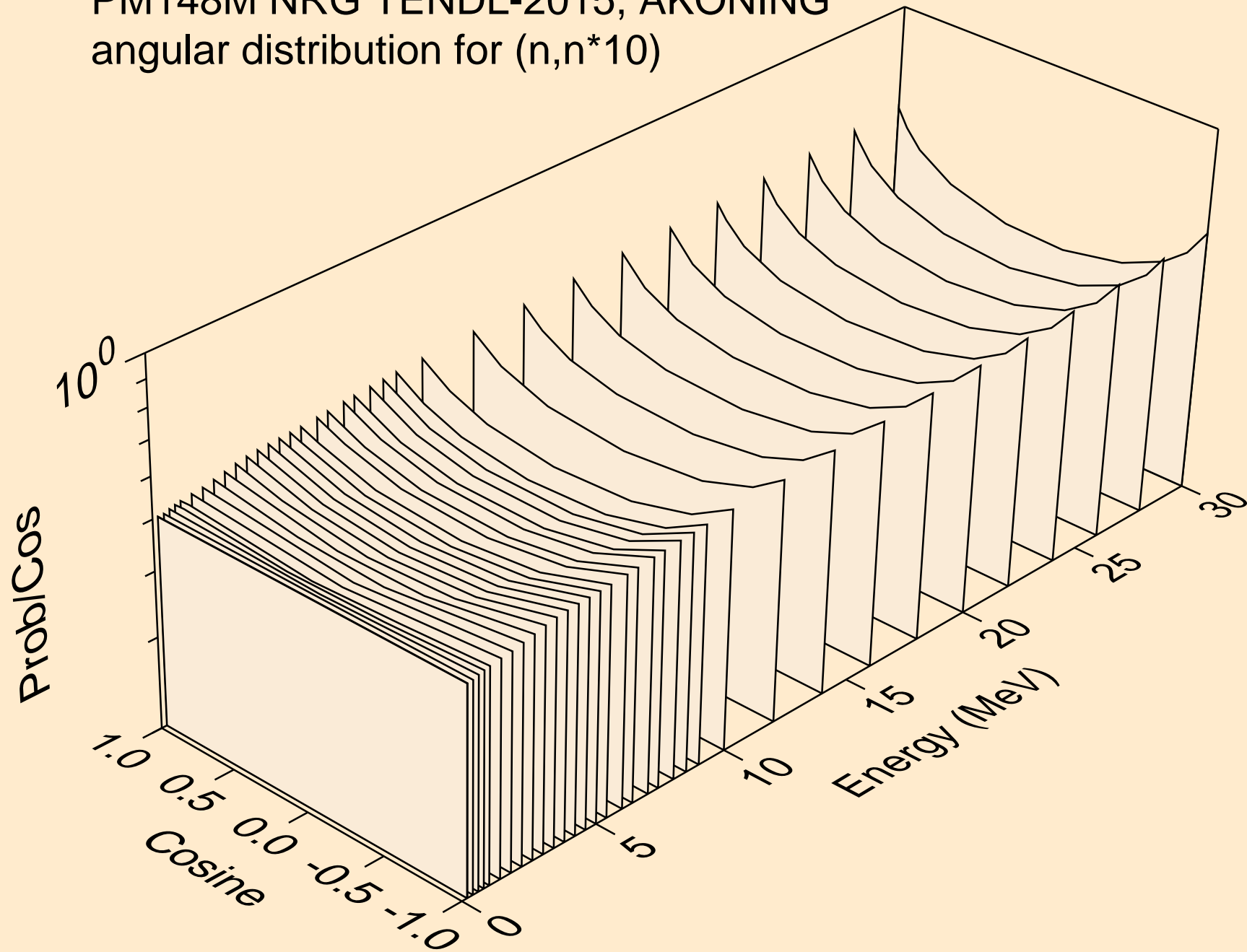
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angular distribution for (n,n\*8)



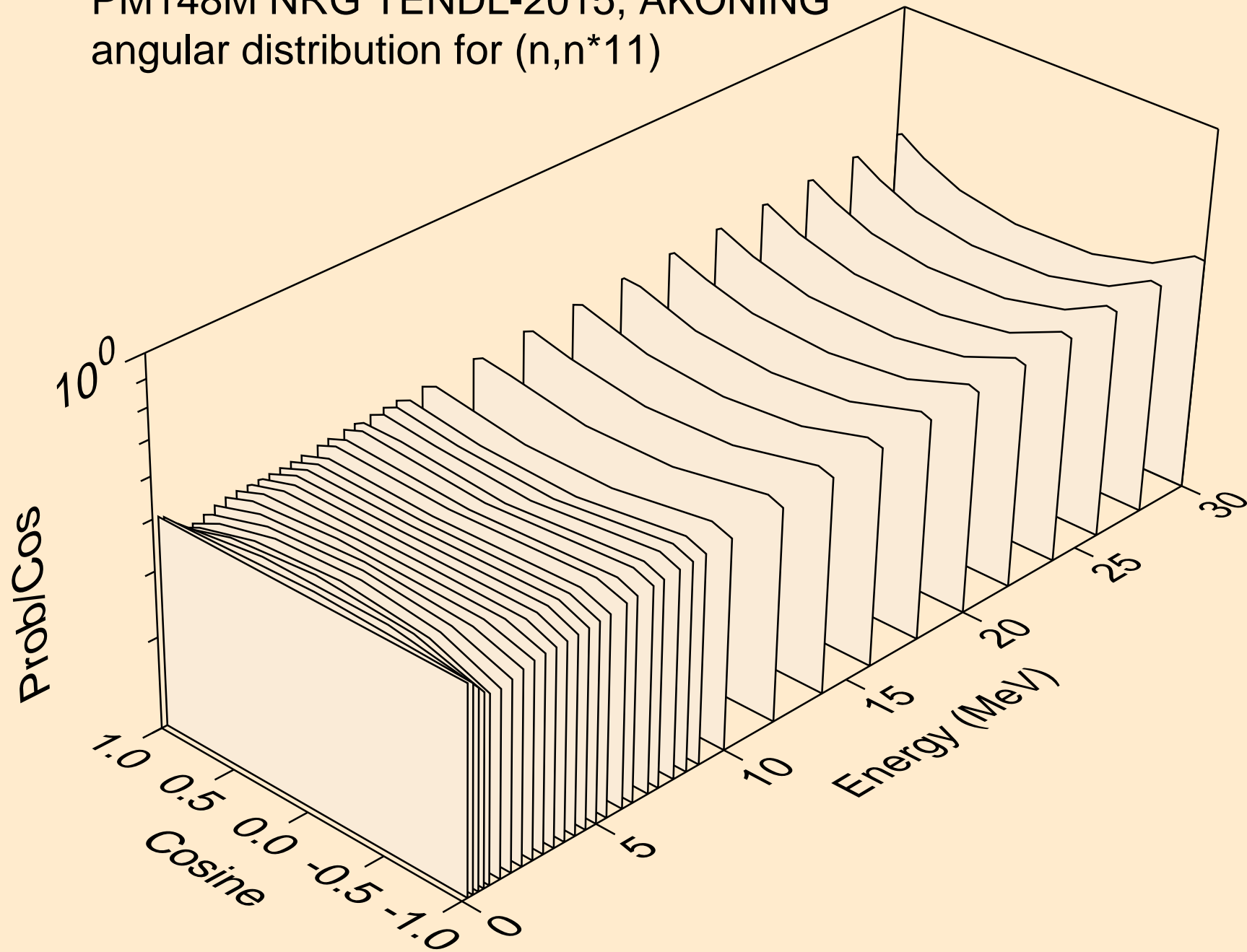
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angular distribution for (n,n\*9)



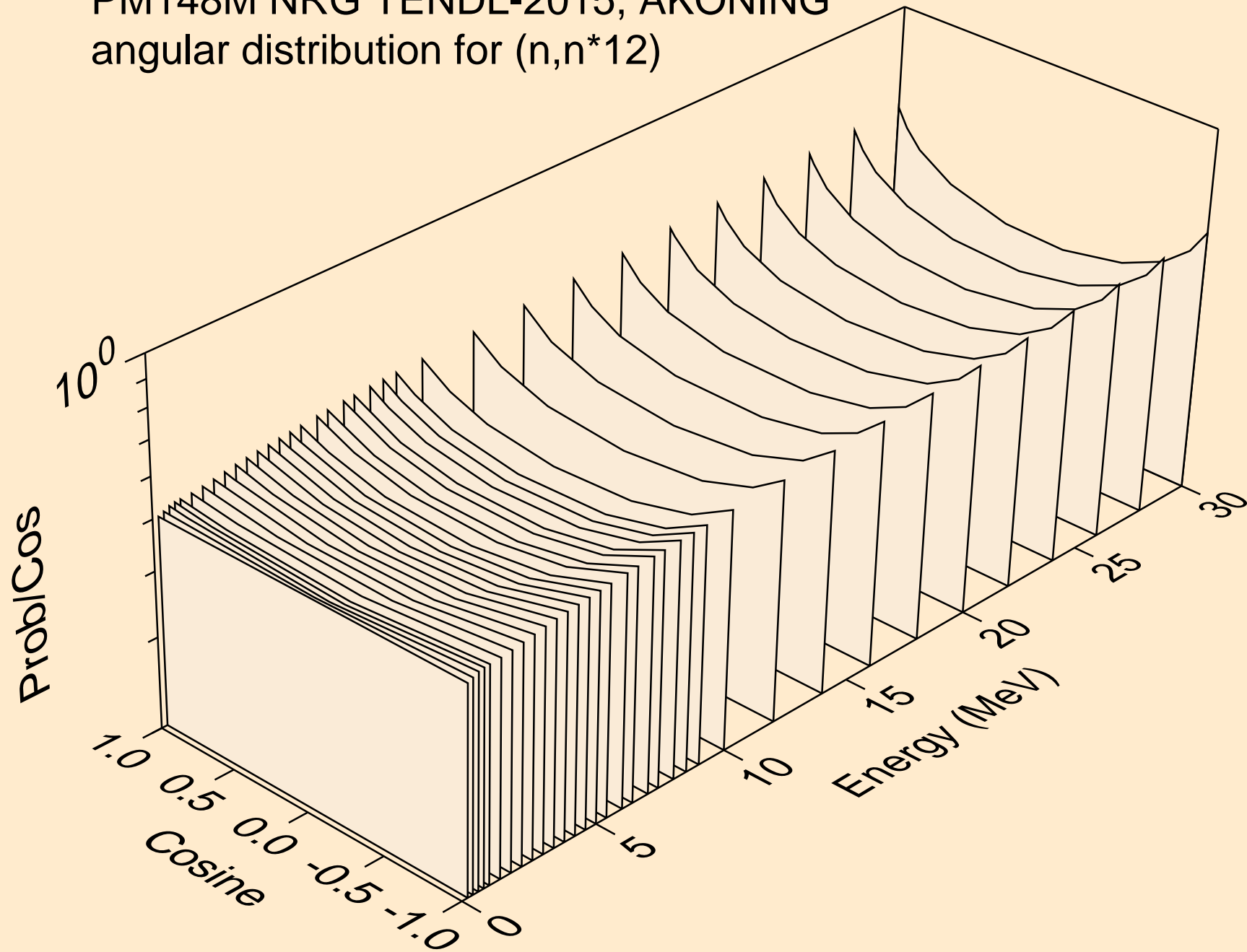
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angular distribution for (n,n\*10)



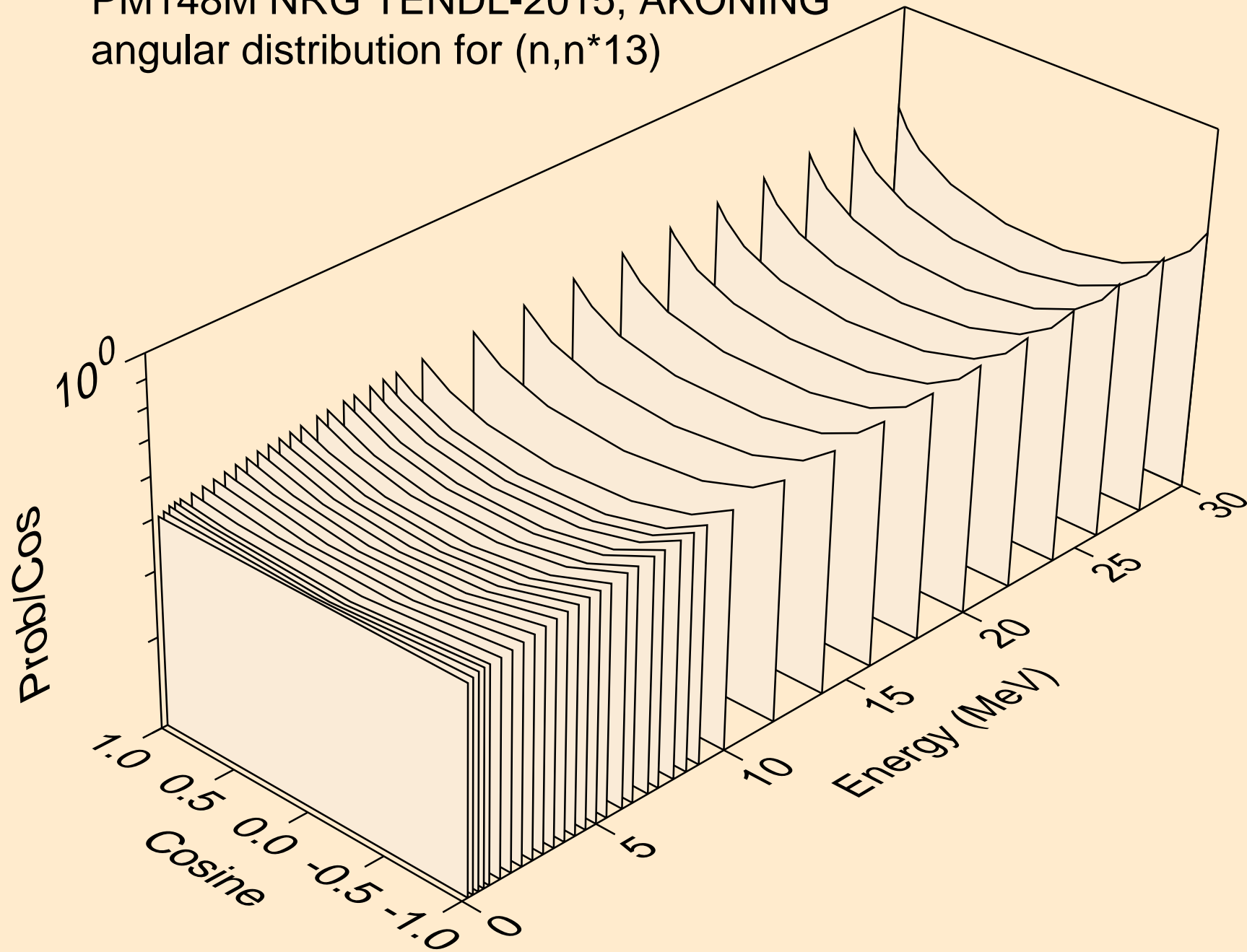
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angular distribution for (n,n\*11)



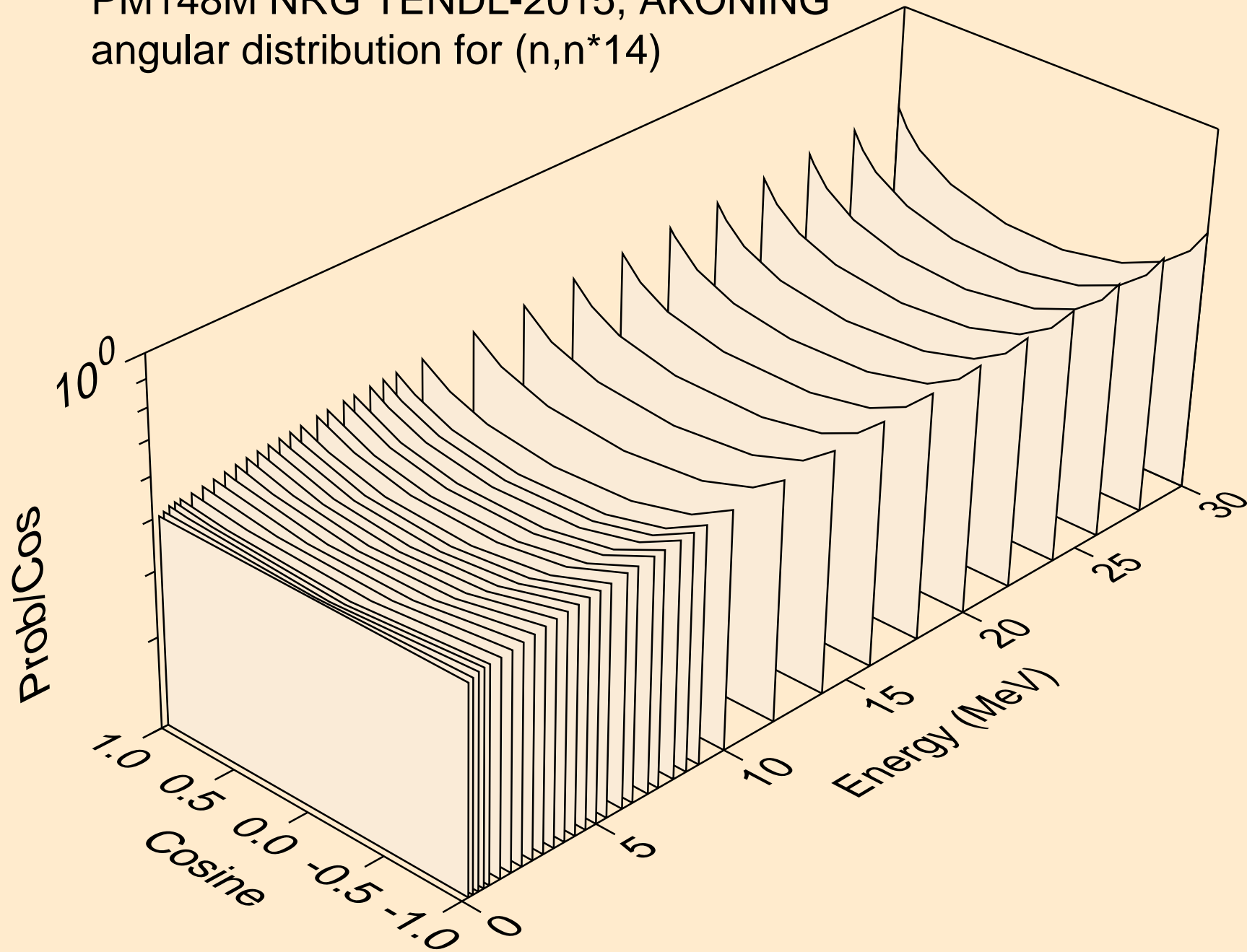
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angular distribution for (n,n\*12)



PM148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

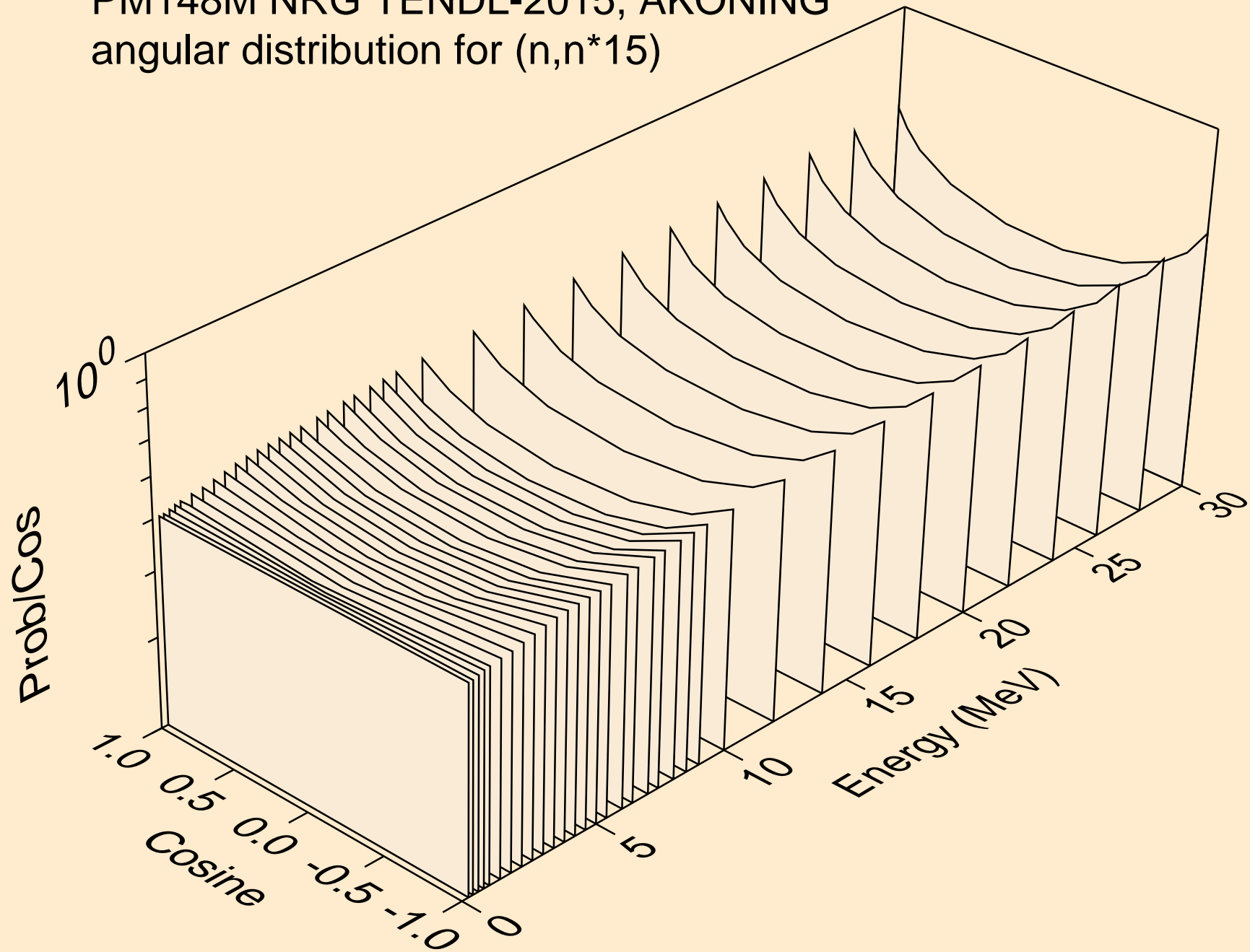


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angular distribution for (n,n\*14)

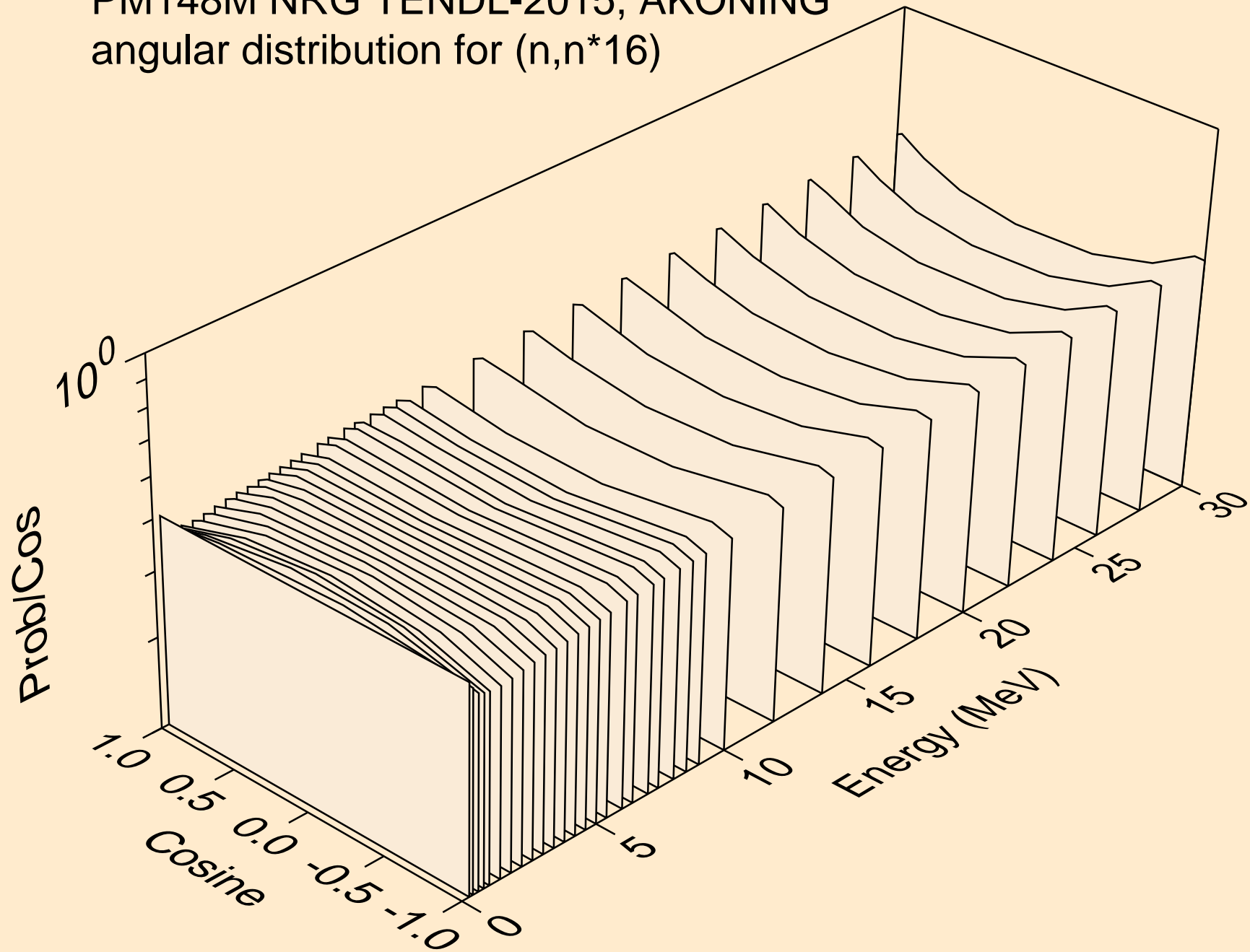




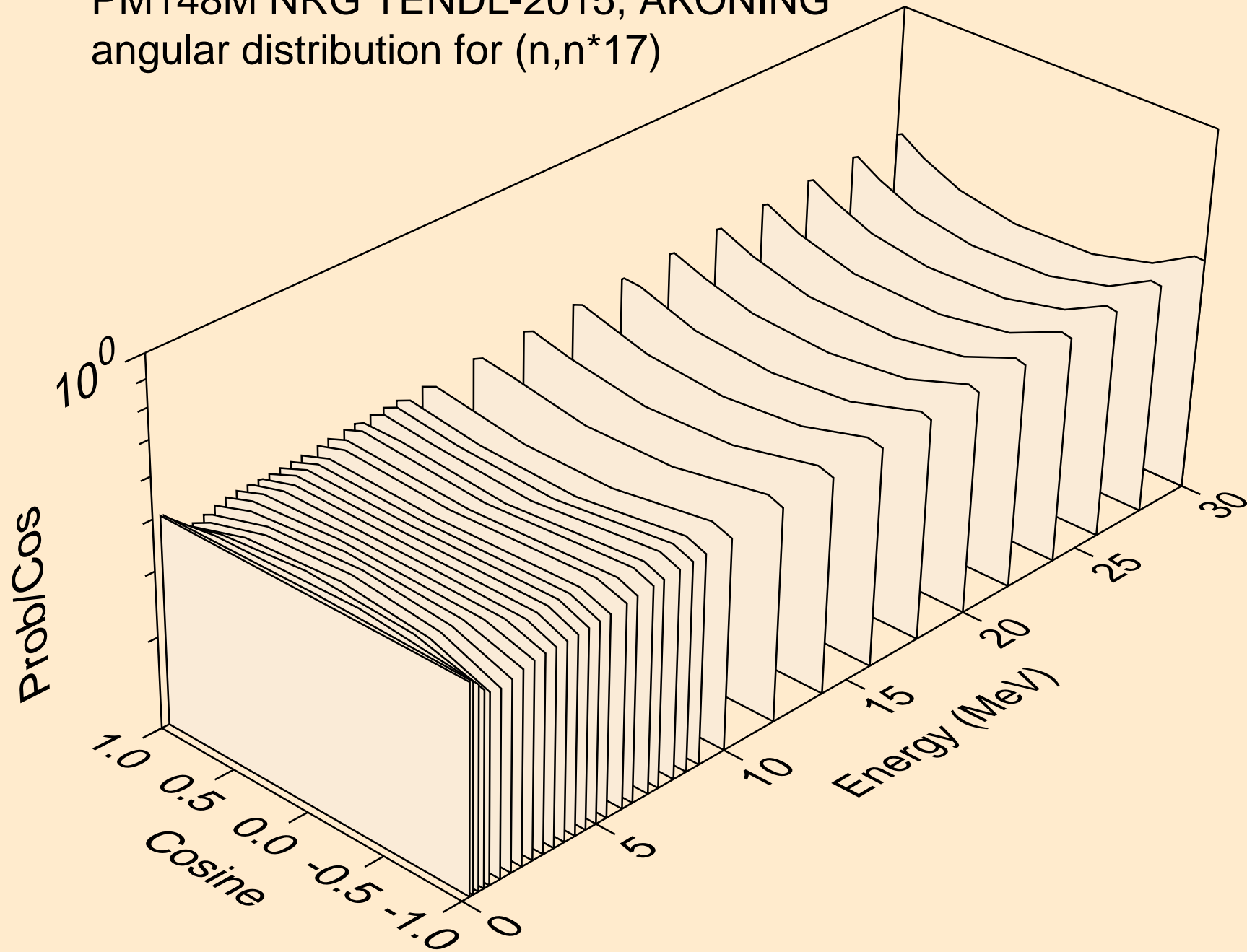
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angular distribution for (n,n\*15)



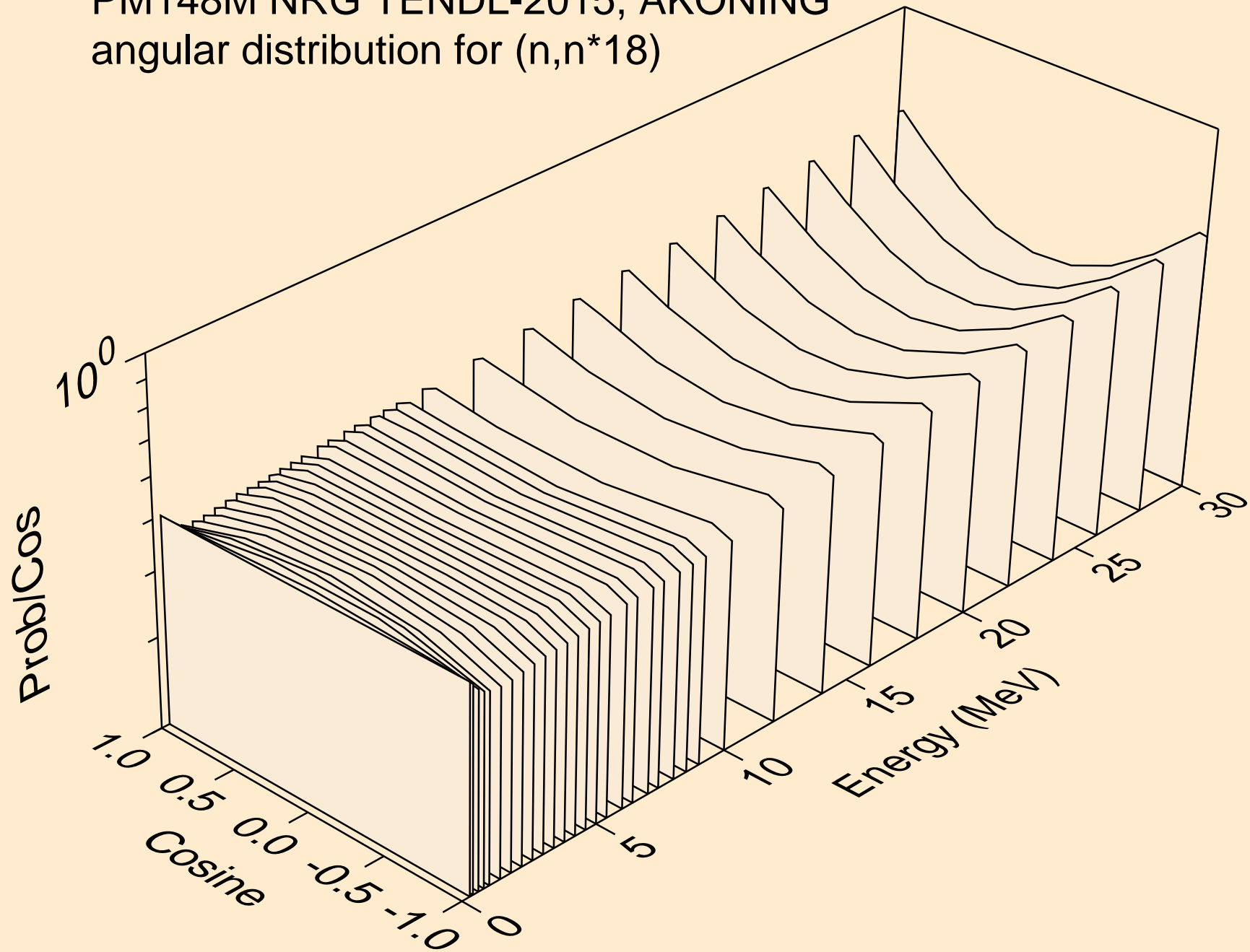
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angular distribution for (n,n\*16)



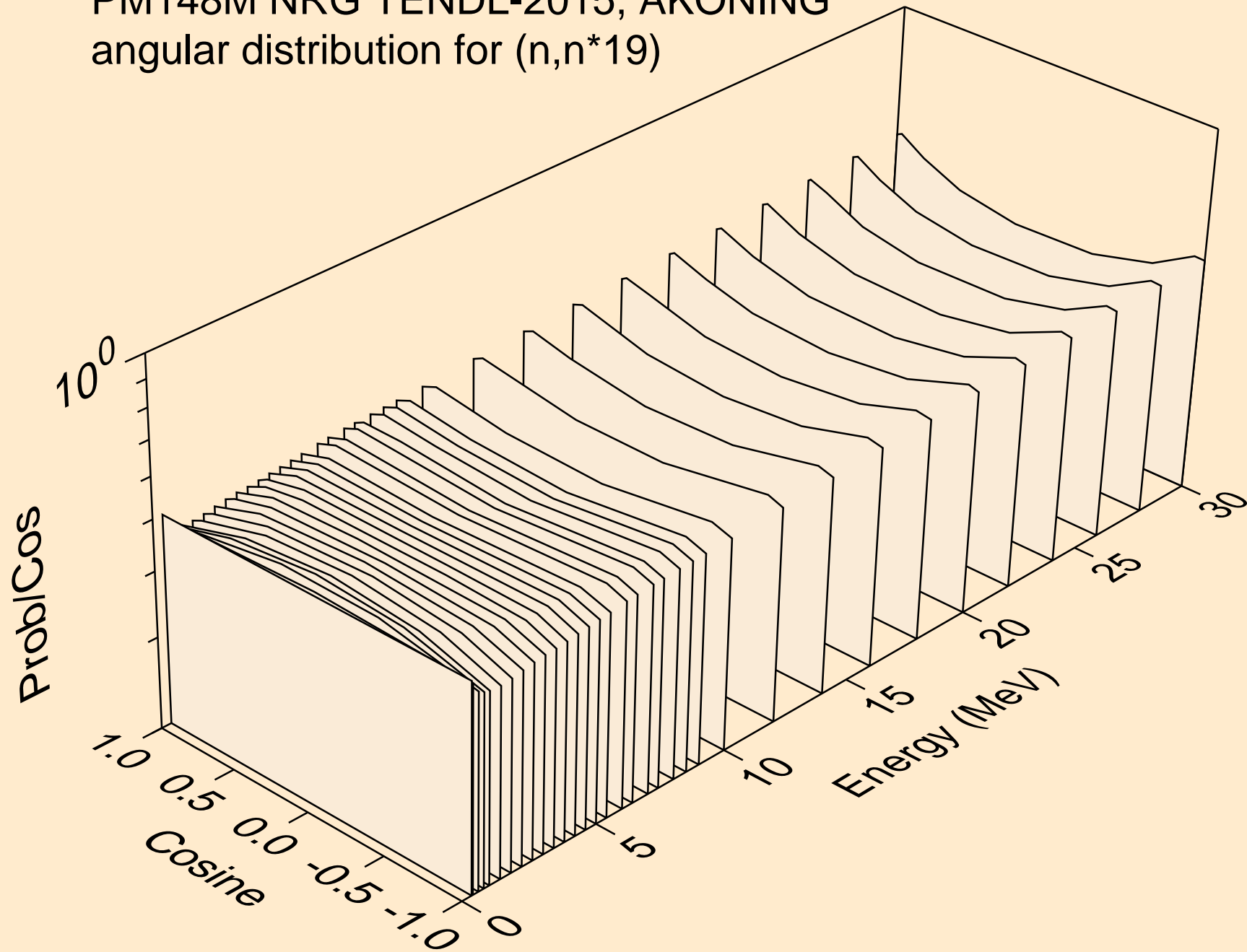
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angular distribution for (n,n\*17)



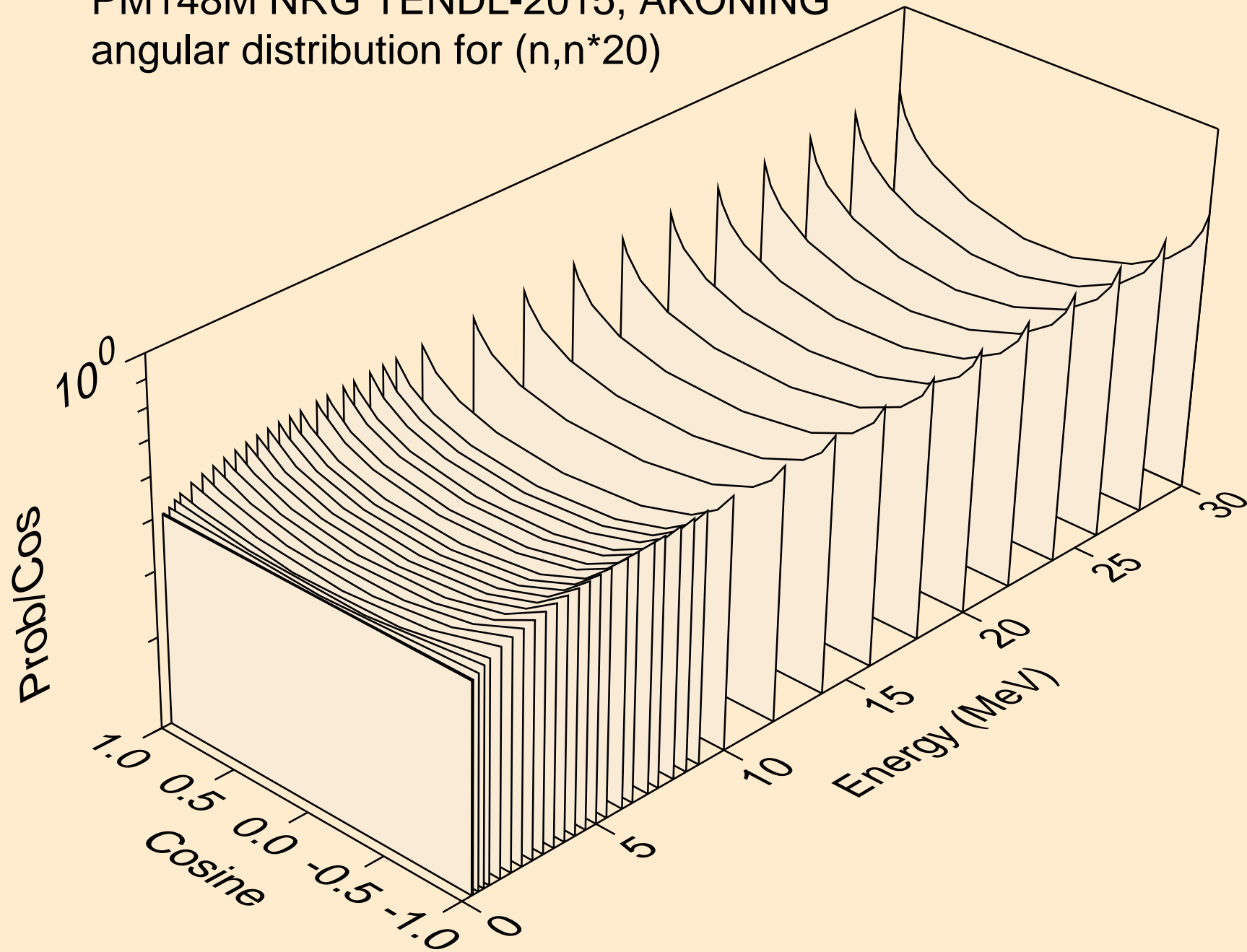
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angular distribution for (n,n\*18)



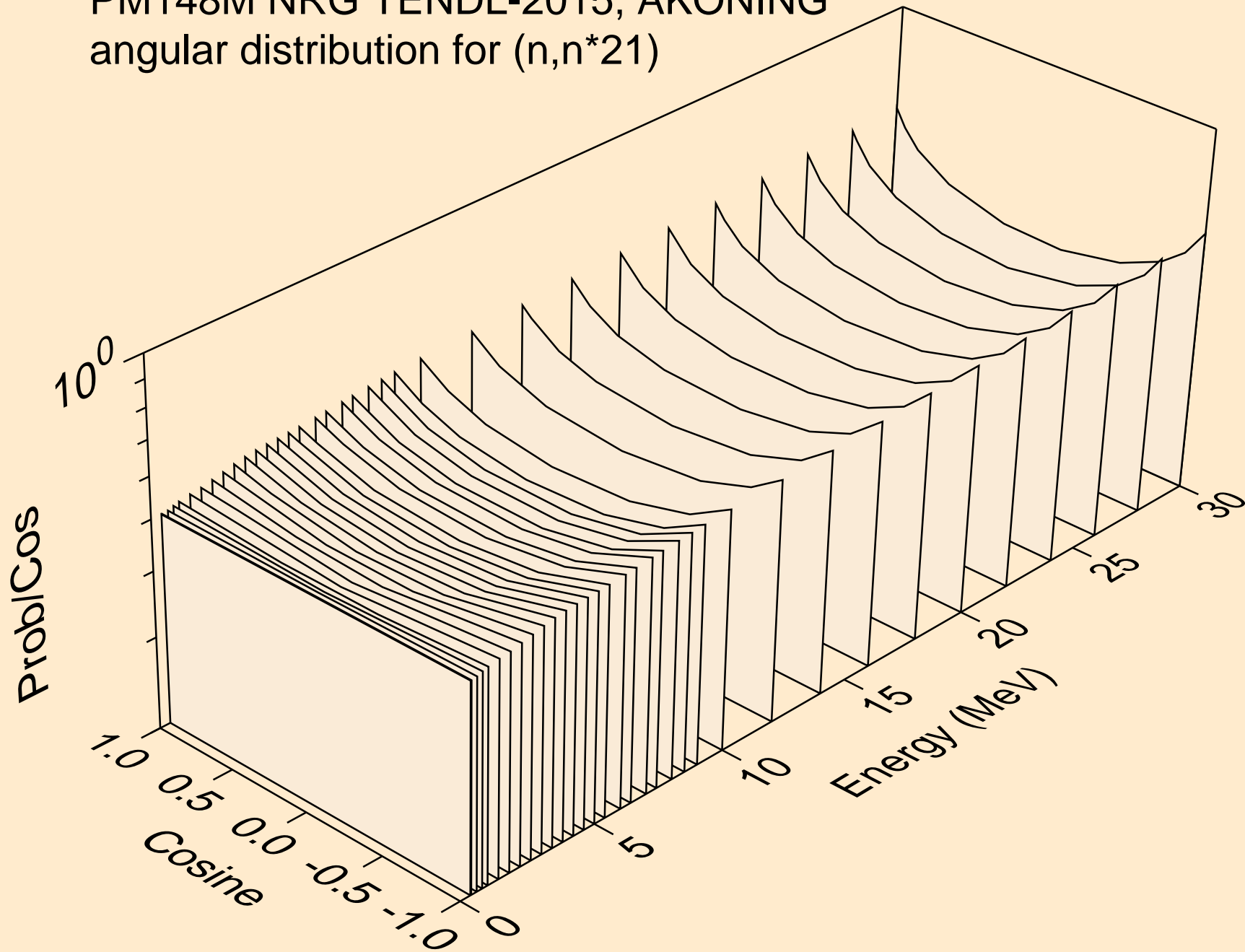
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angular distribution for (n,n\*19)



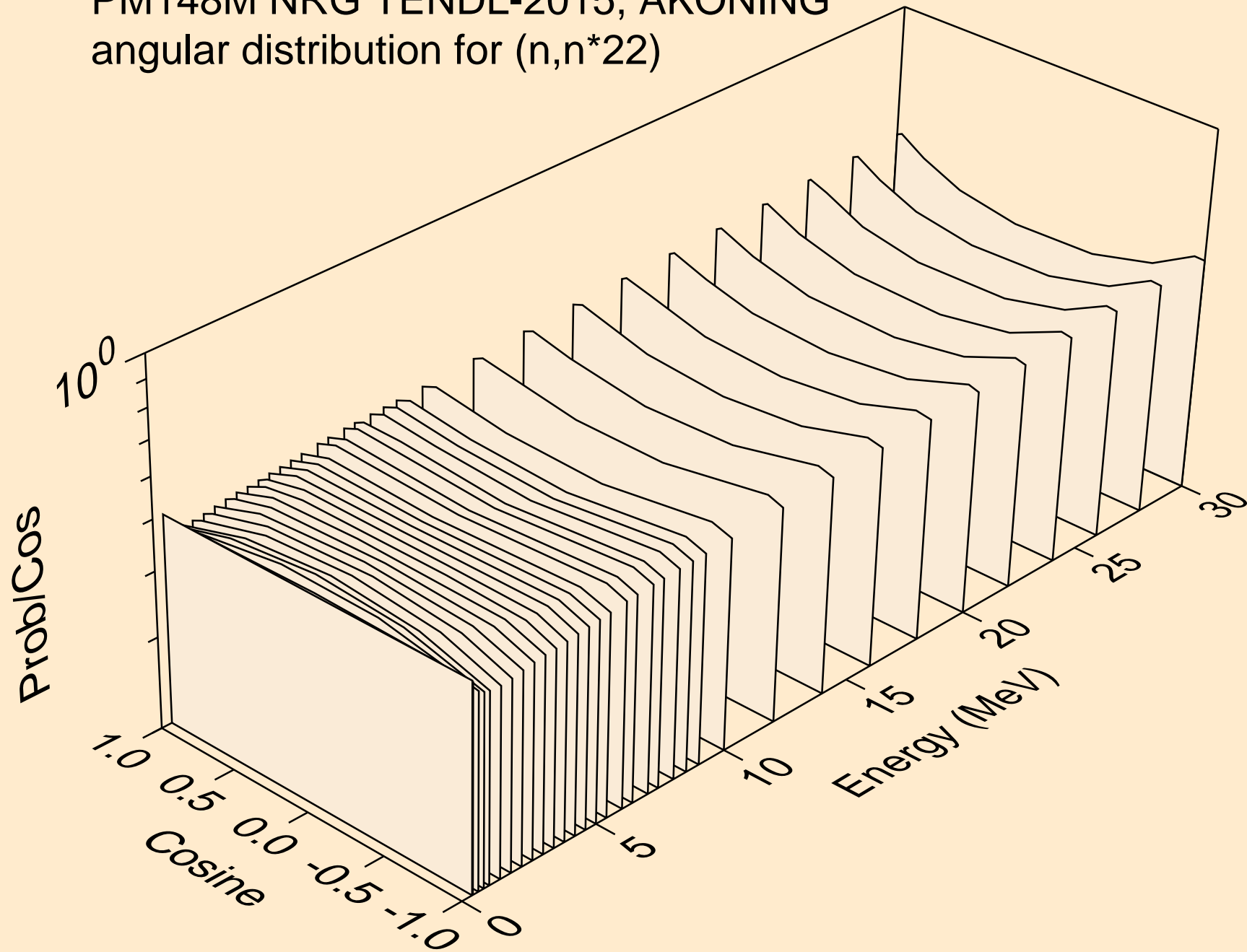
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angular distribution for (n,n\*20)



PM148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

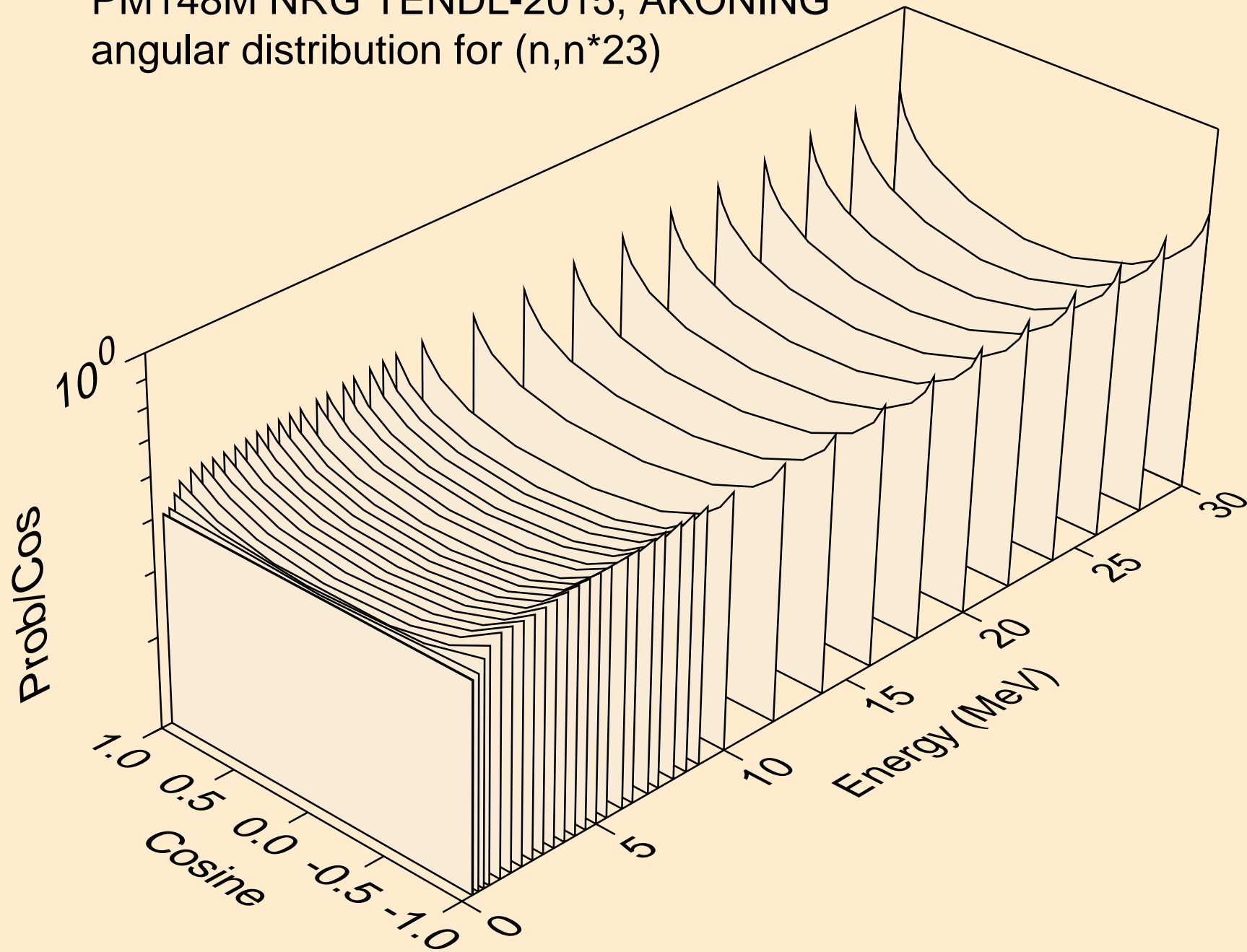


PM148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

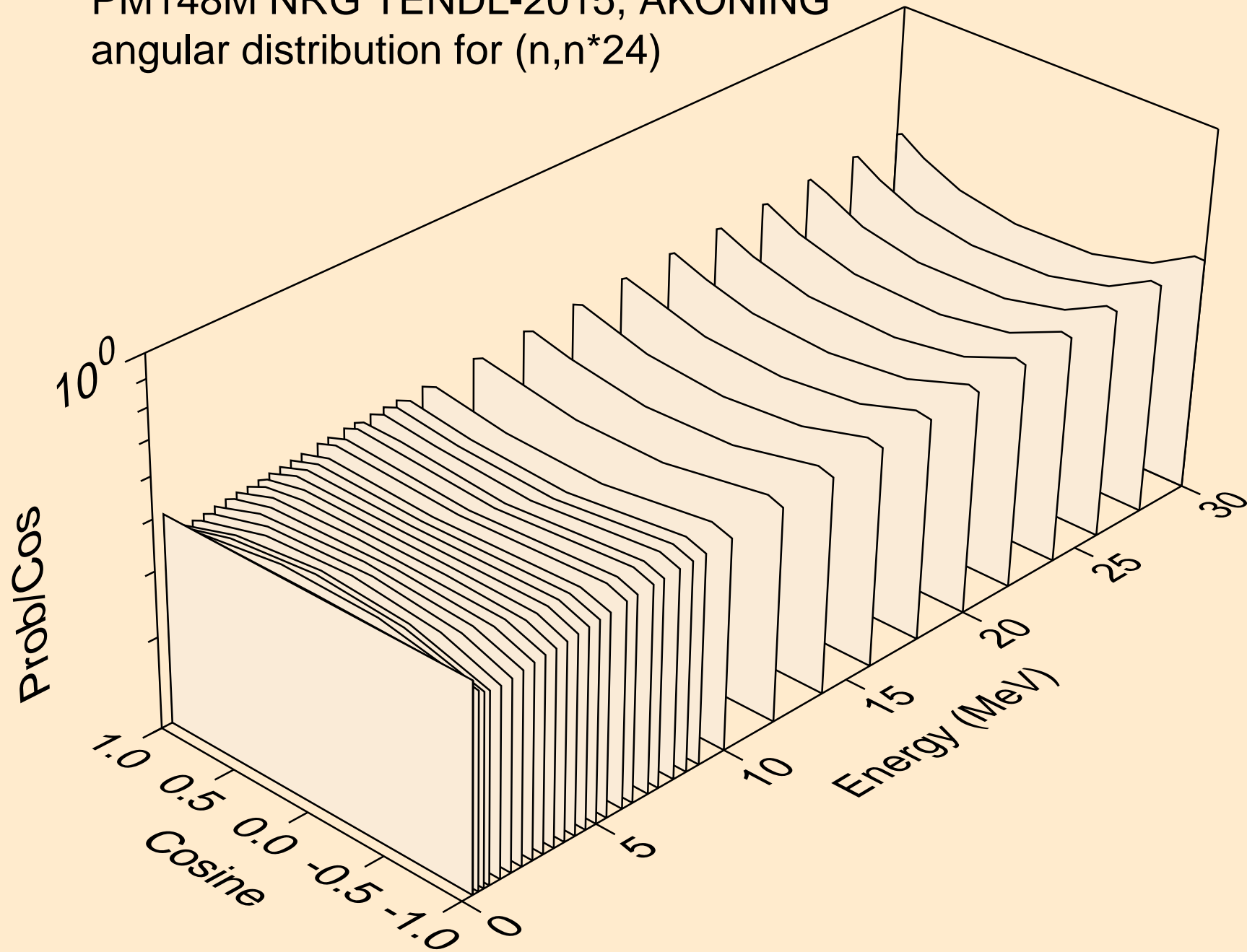




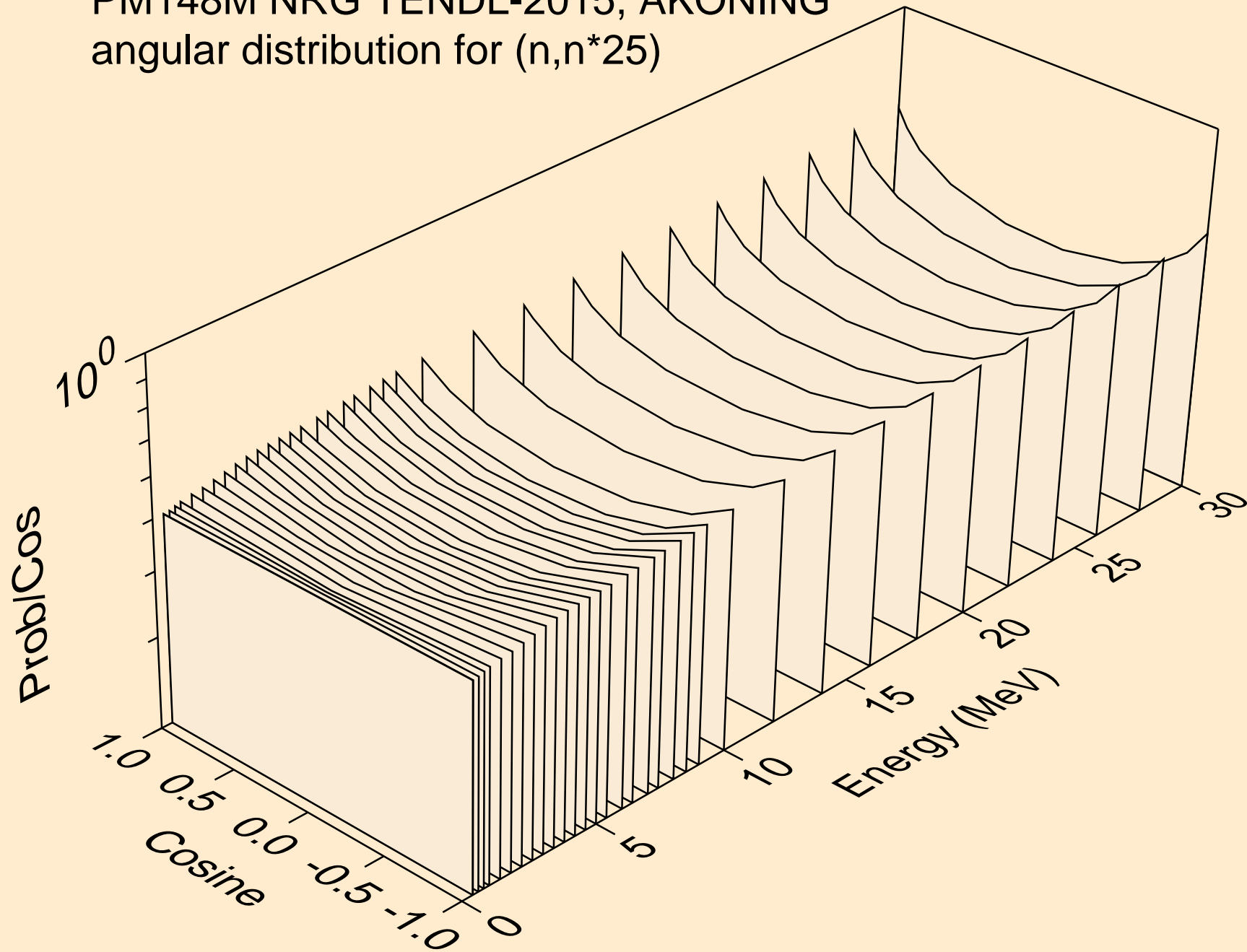
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angular distribution for (n,n\*23)



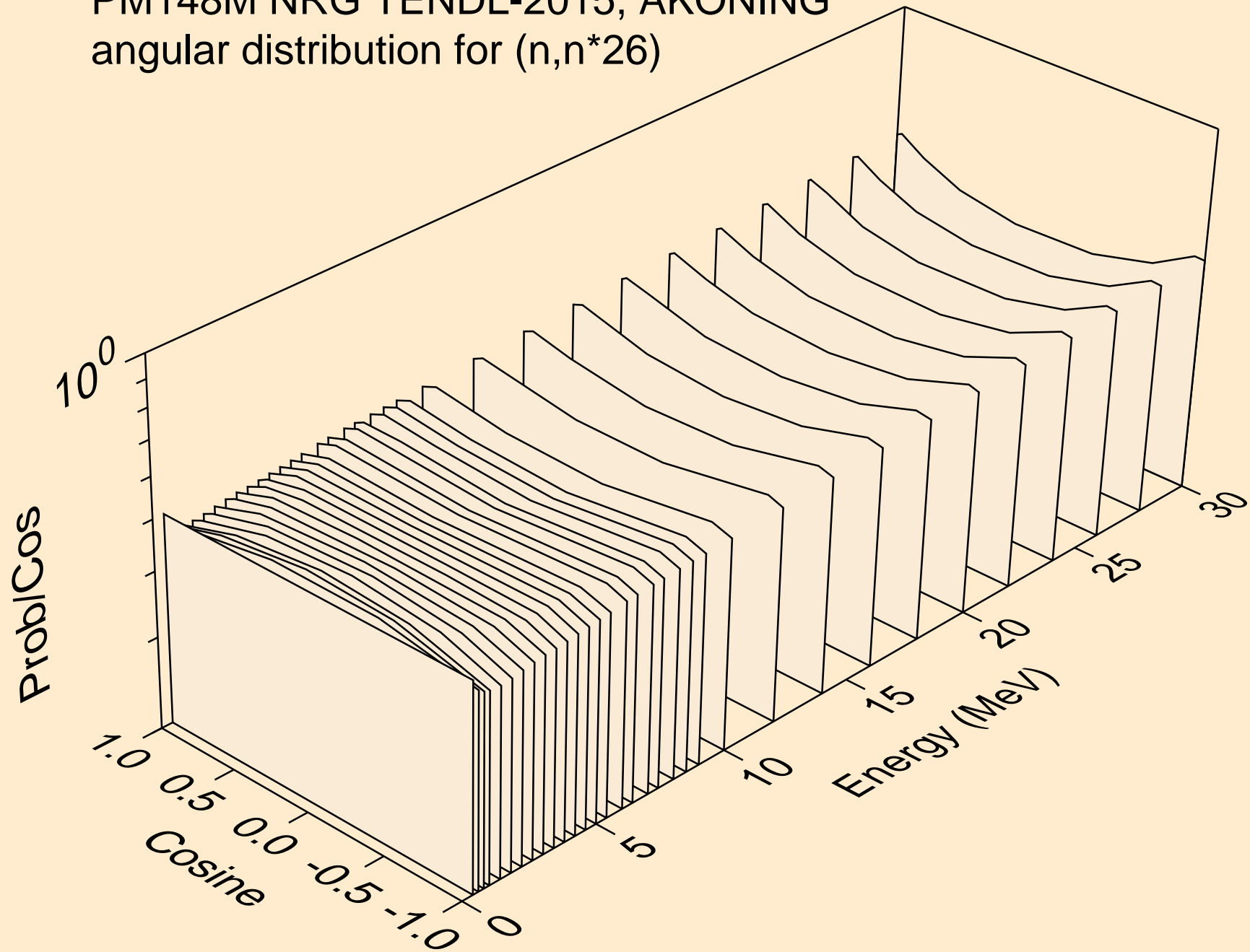
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angular distribution for (n,n\*24)



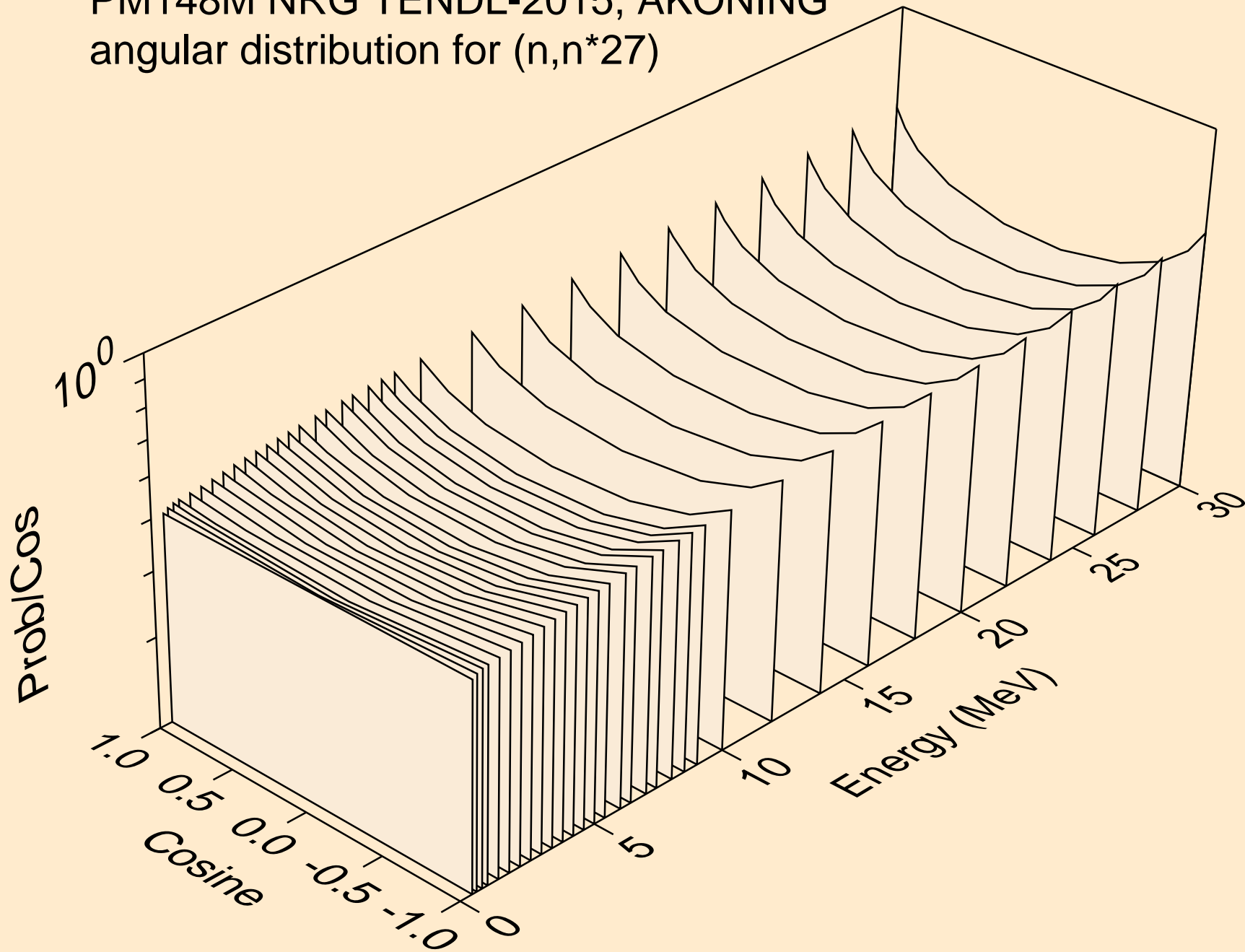
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angular distribution for (n,n\*25)



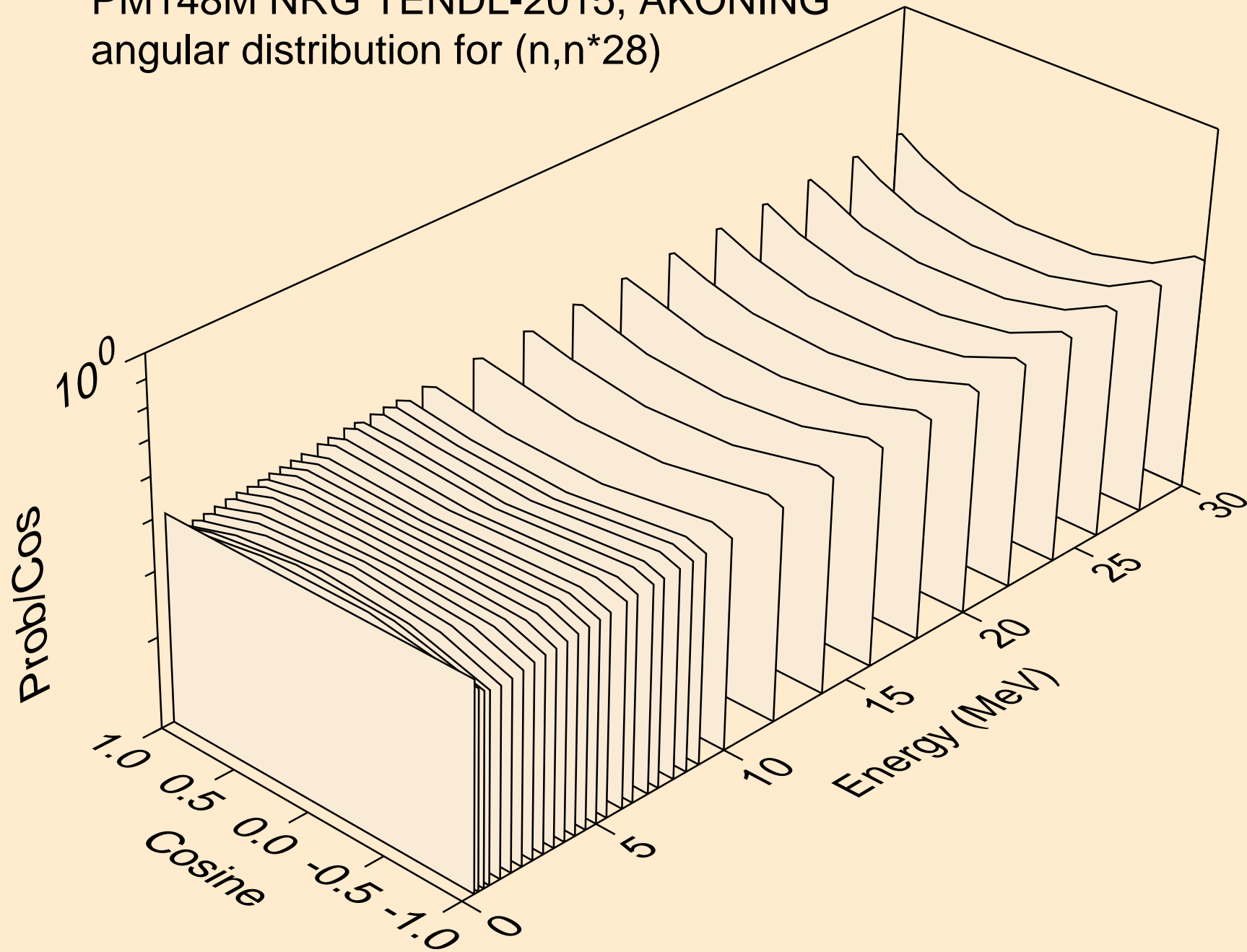
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angular distribution for (n,n\*26)



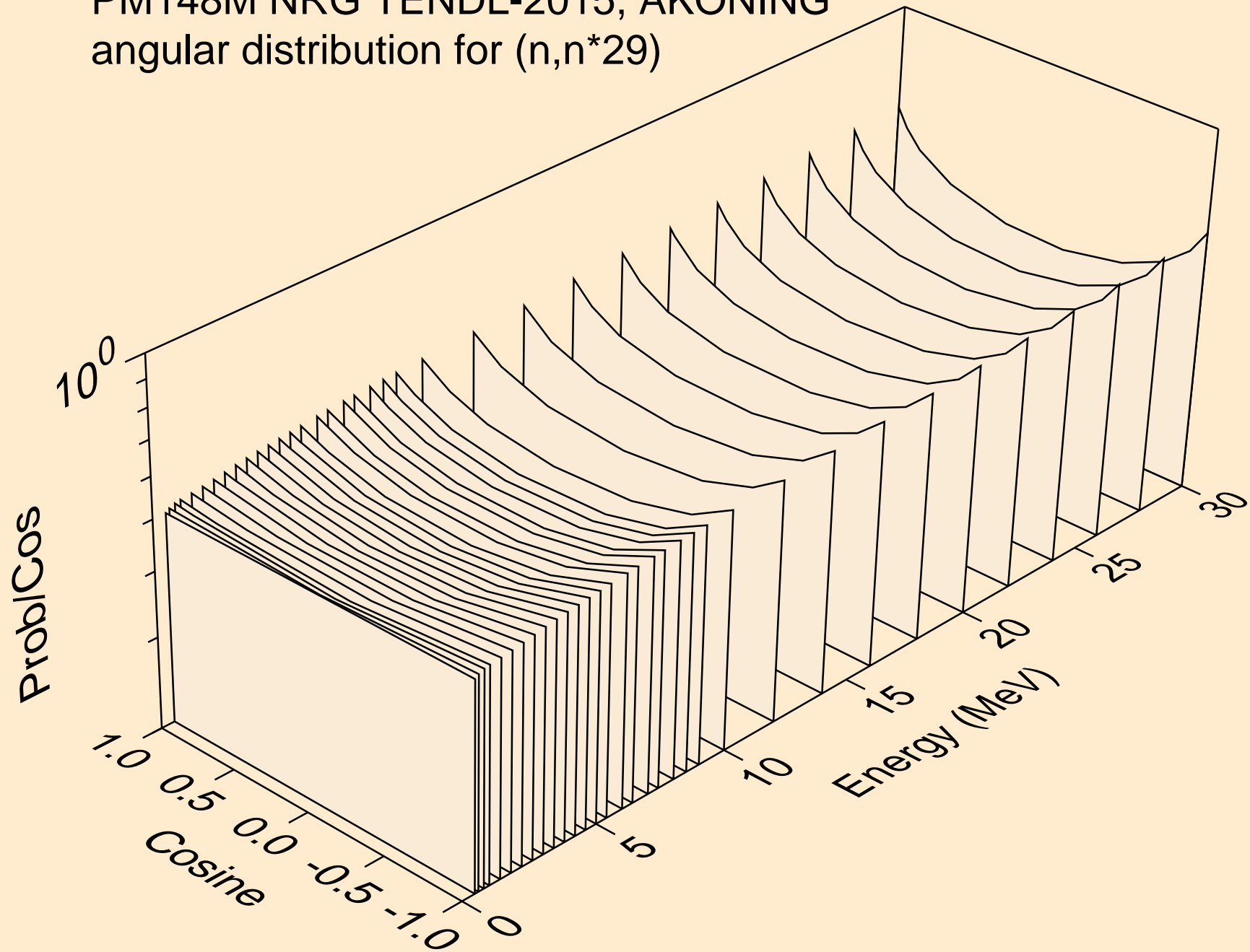
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angular distribution for (n,n\*27)



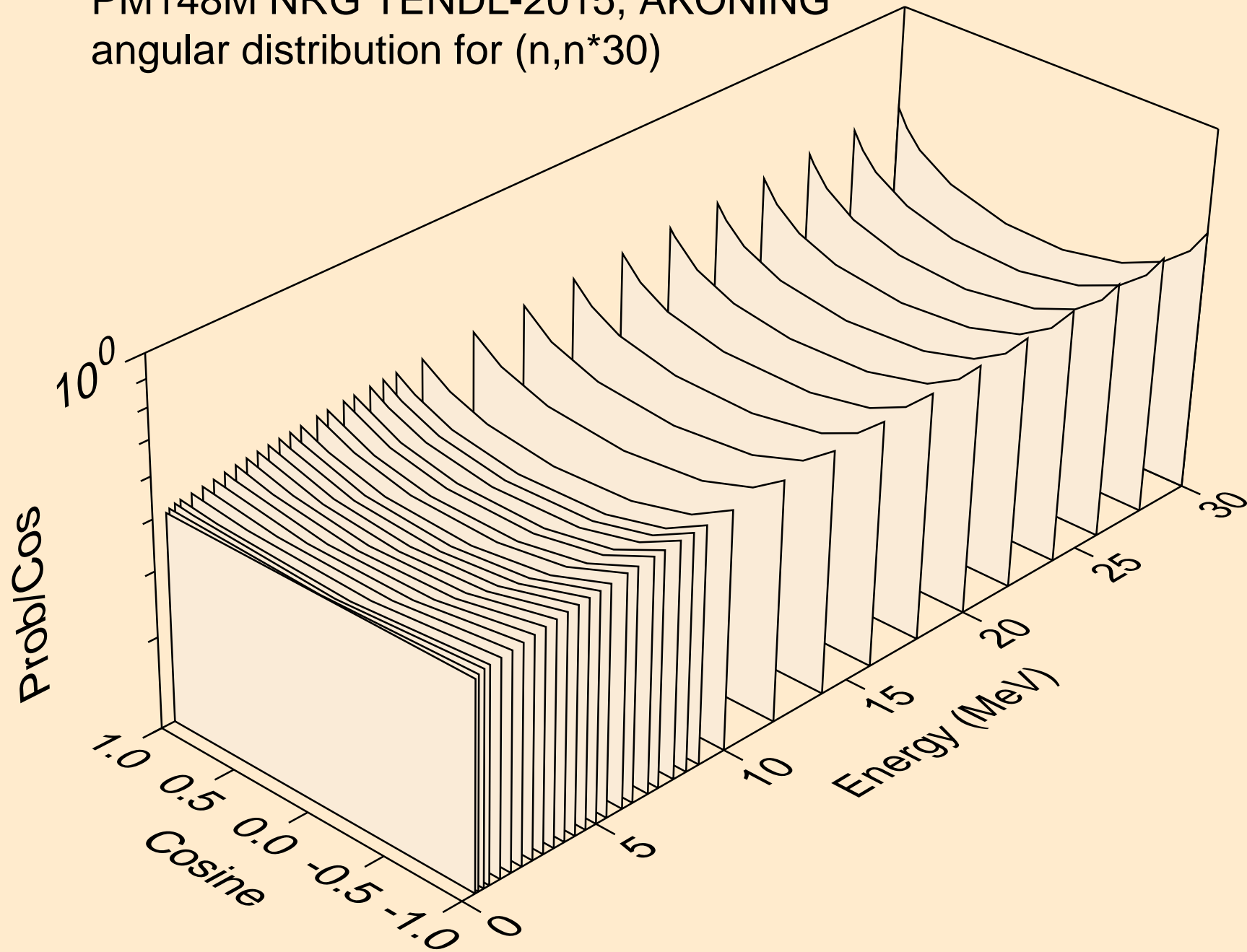
PM148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



PM148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

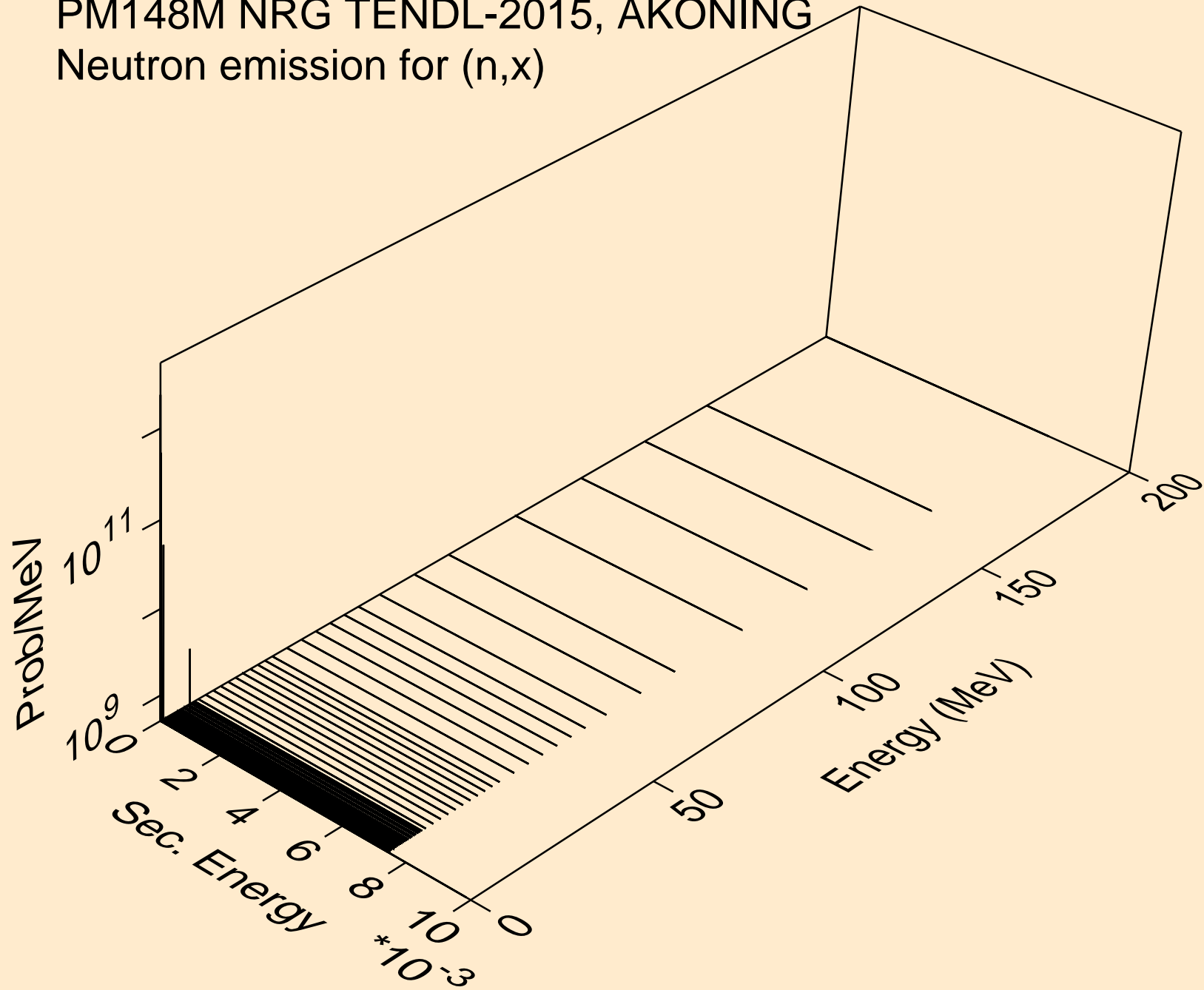


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angular distribution for (n,n\*30)

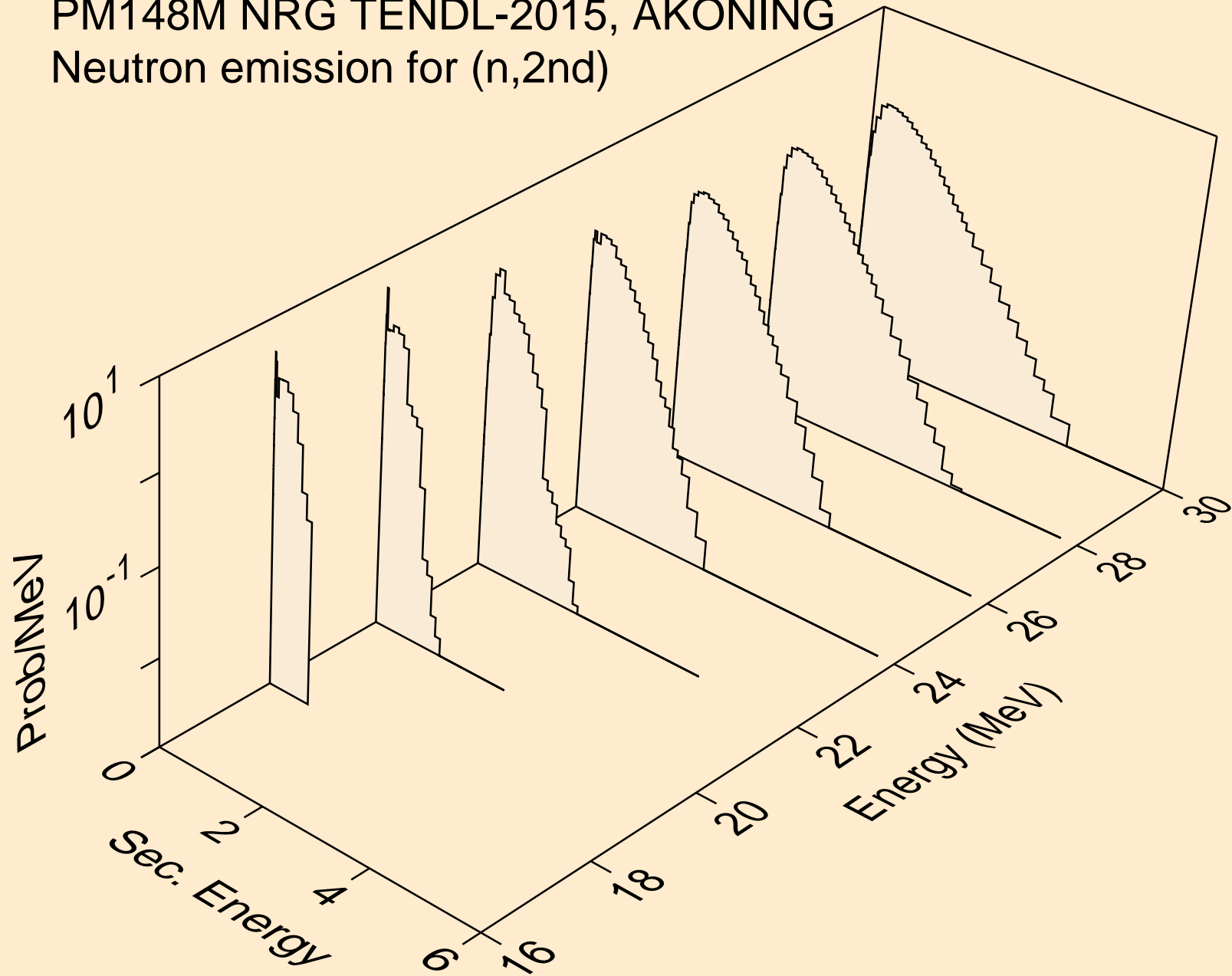




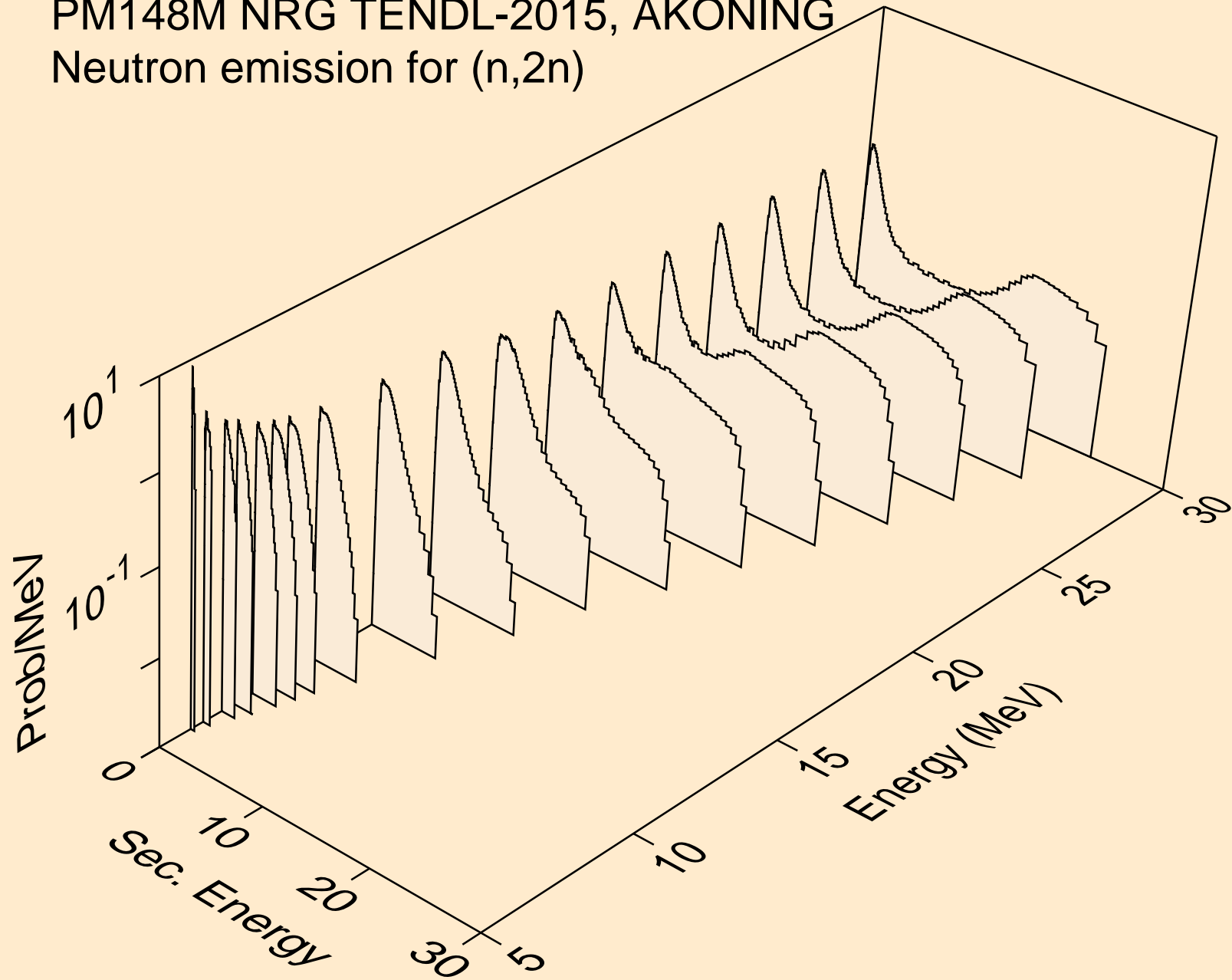
PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



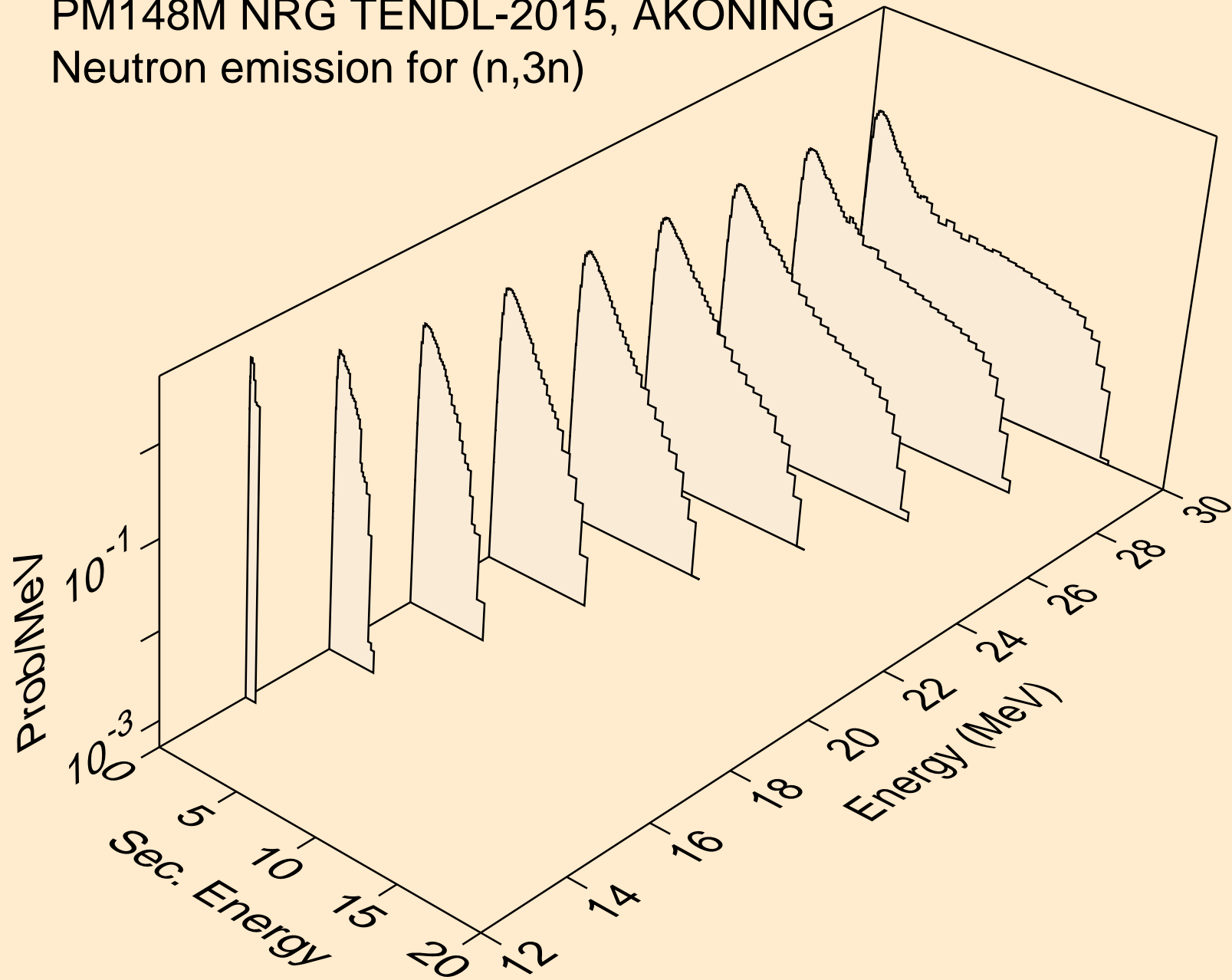
PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



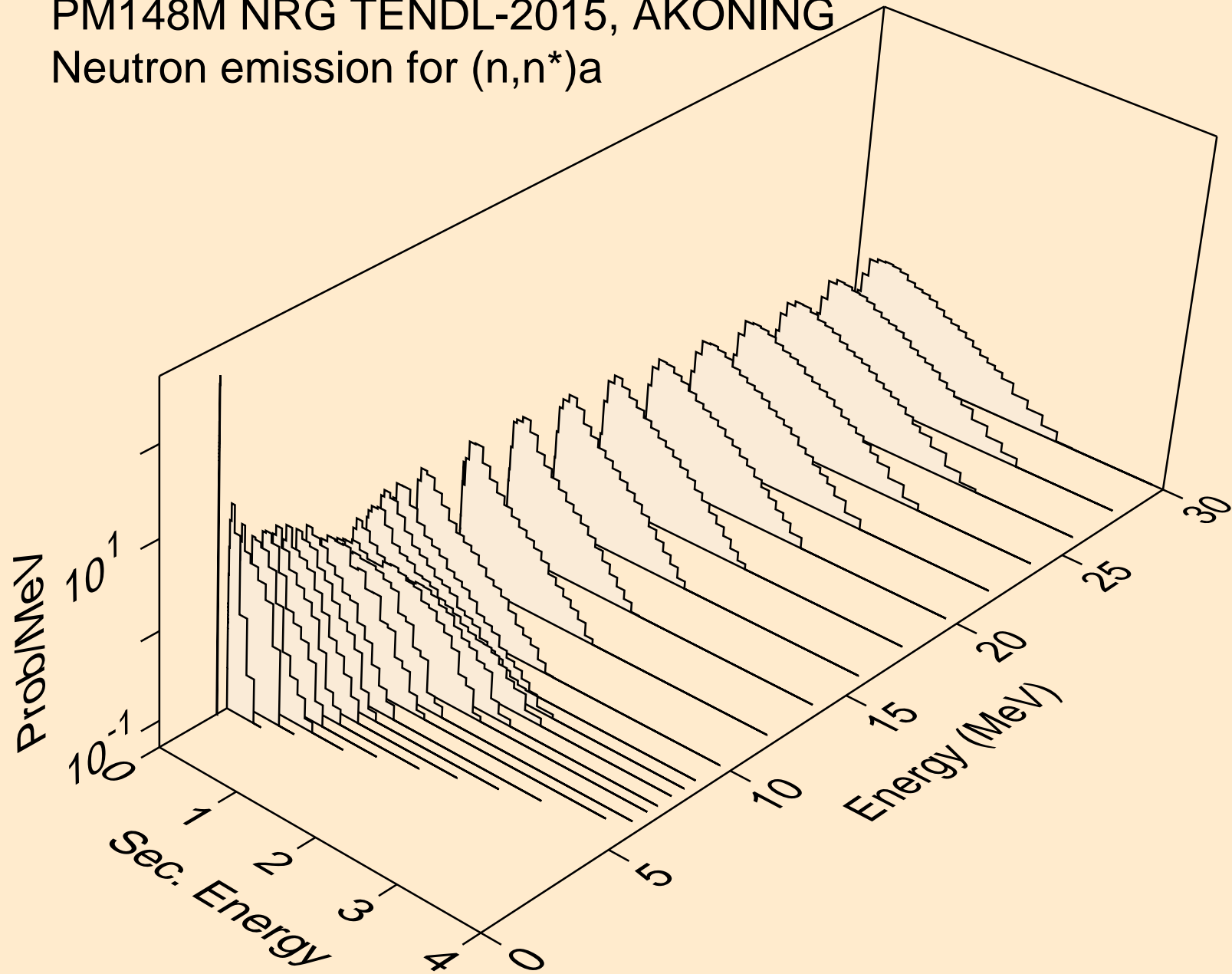
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Neutron emission for (n,2n)



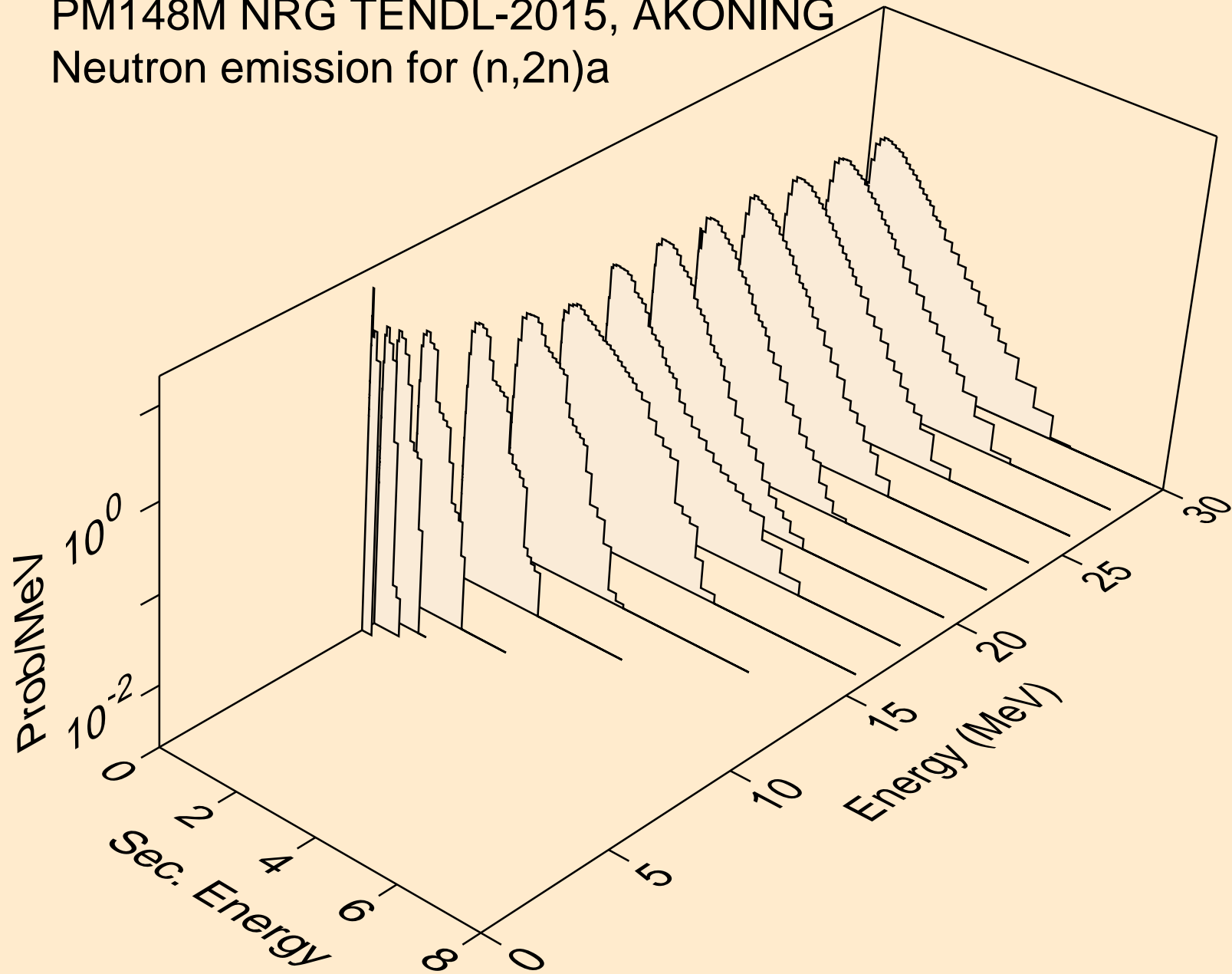
PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



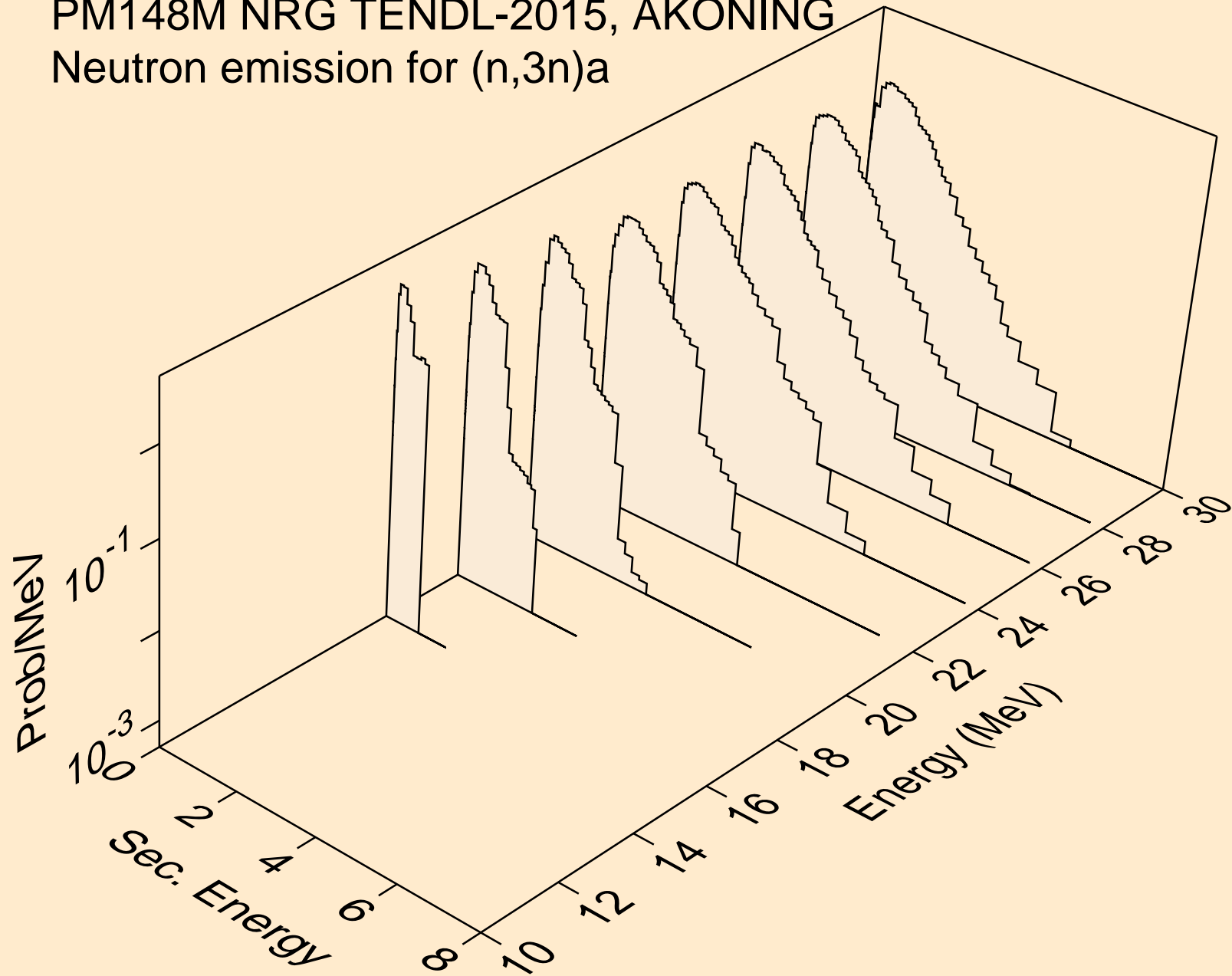
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Neutron emission for (n,n\*)a



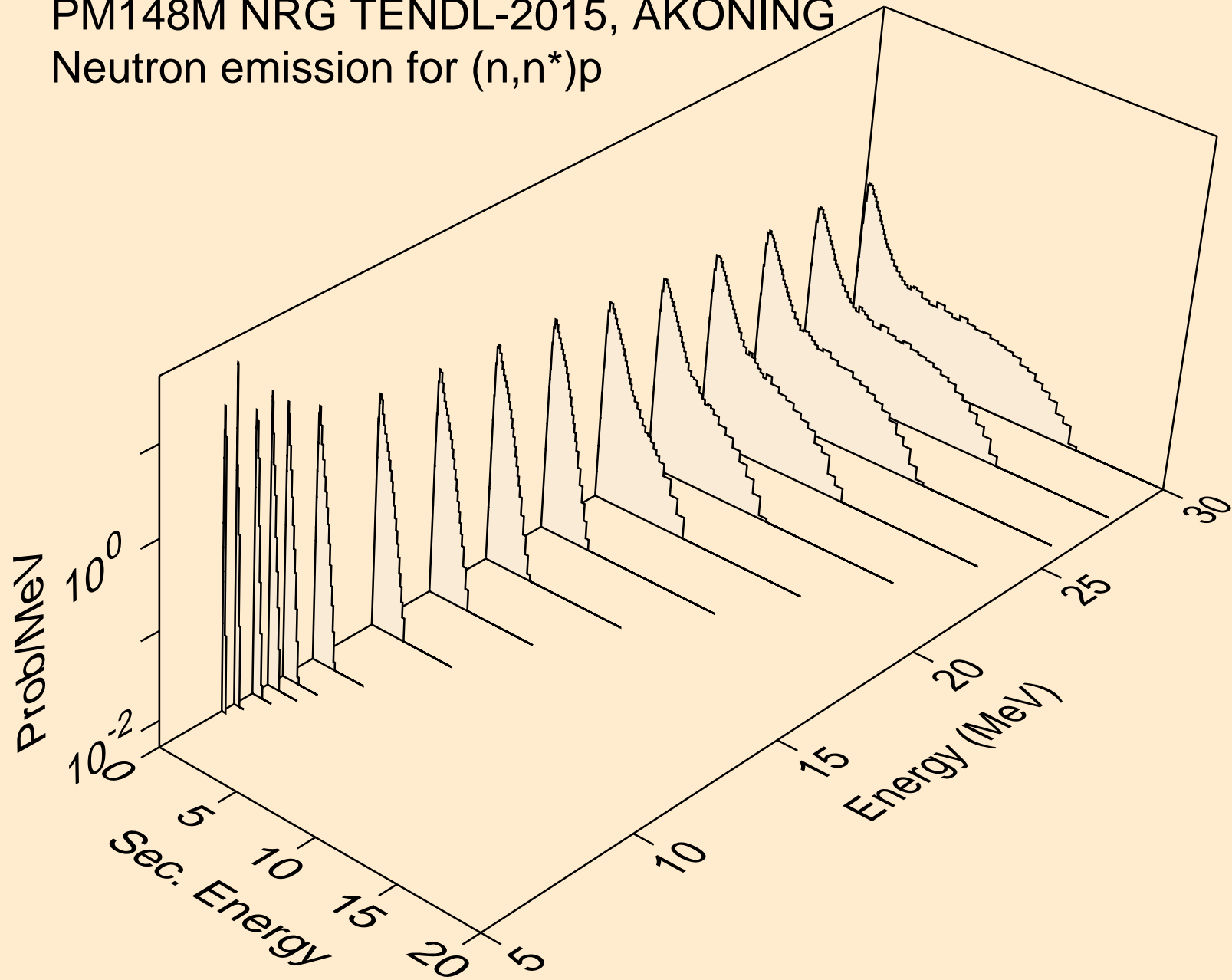
PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

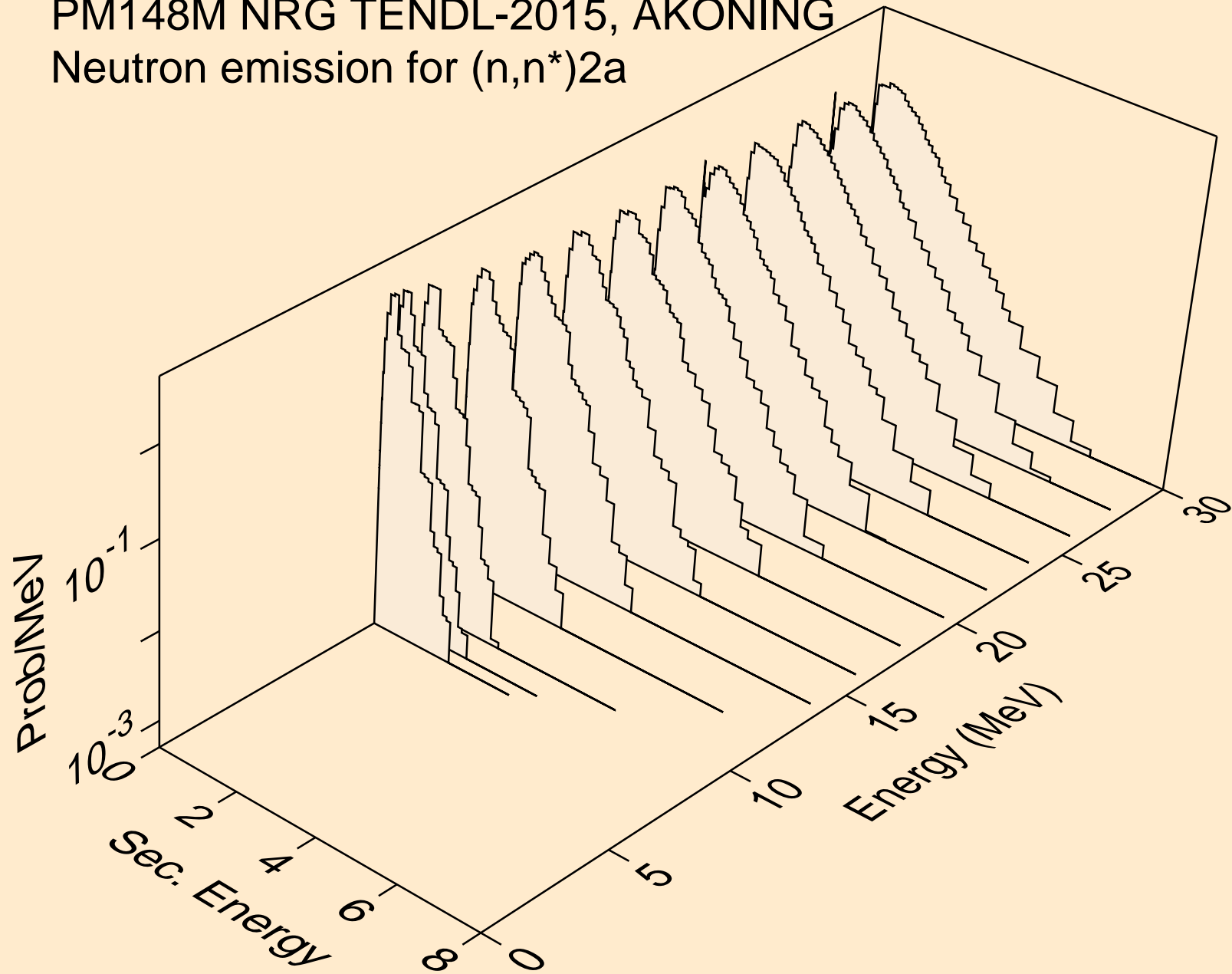


PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

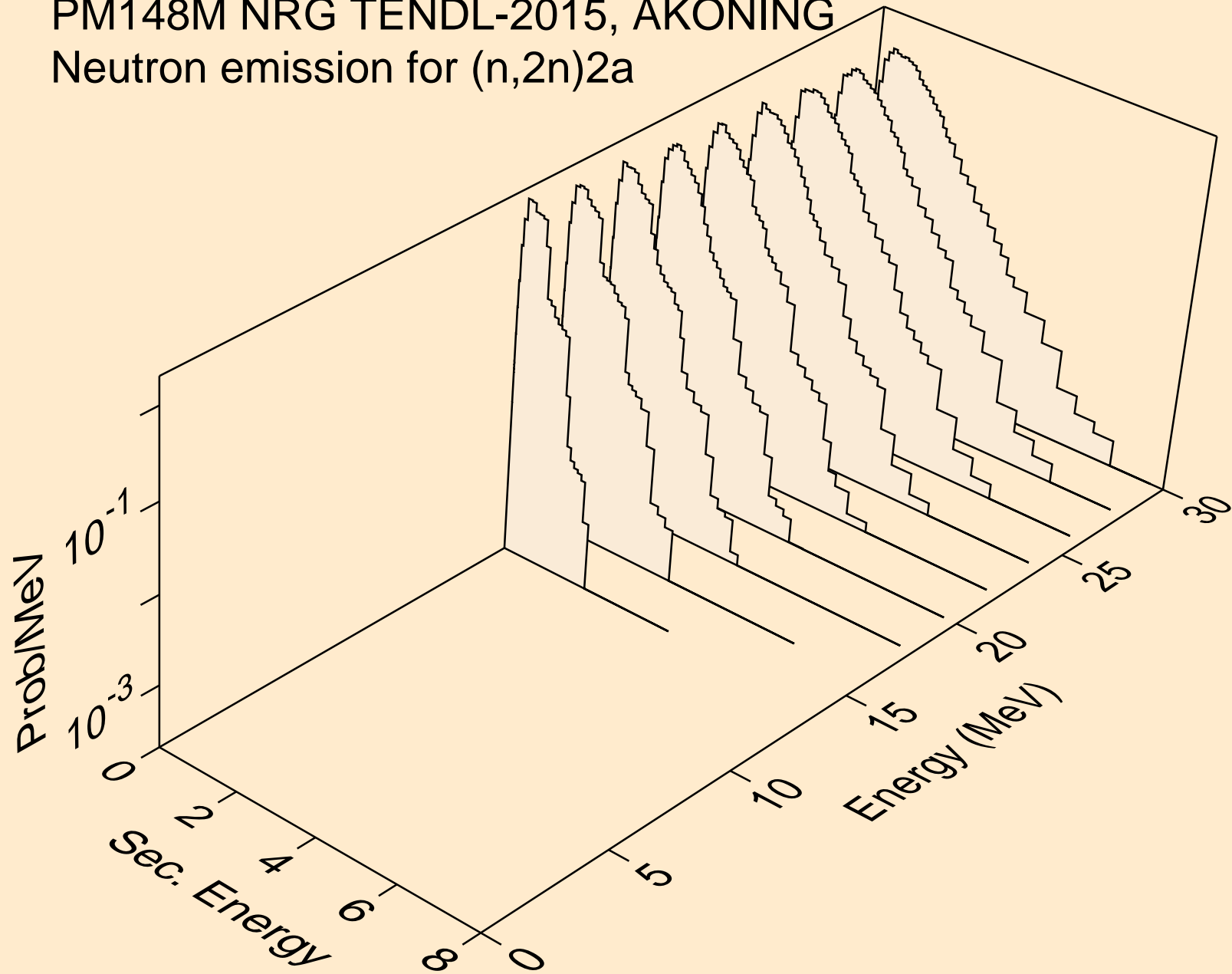




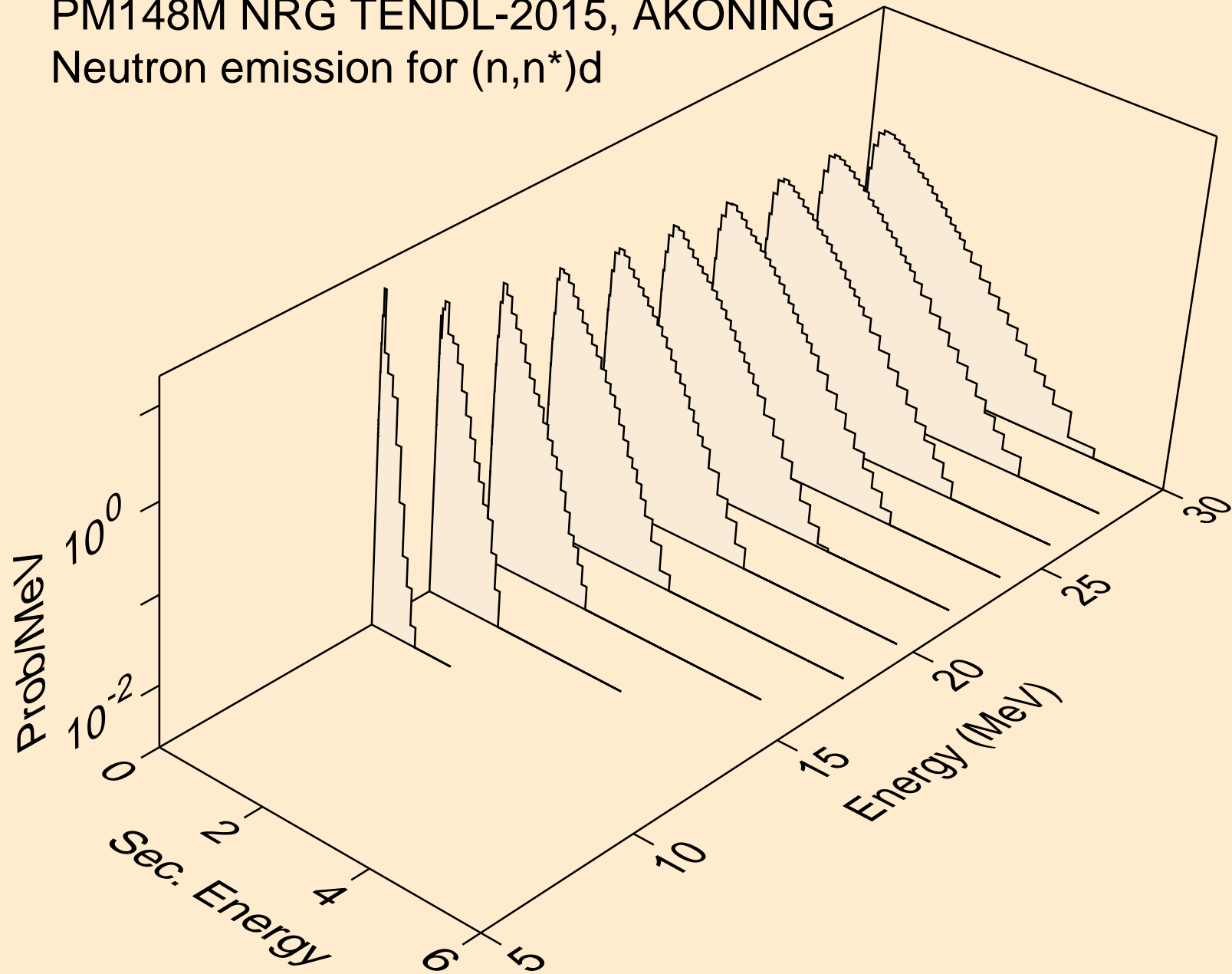
PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



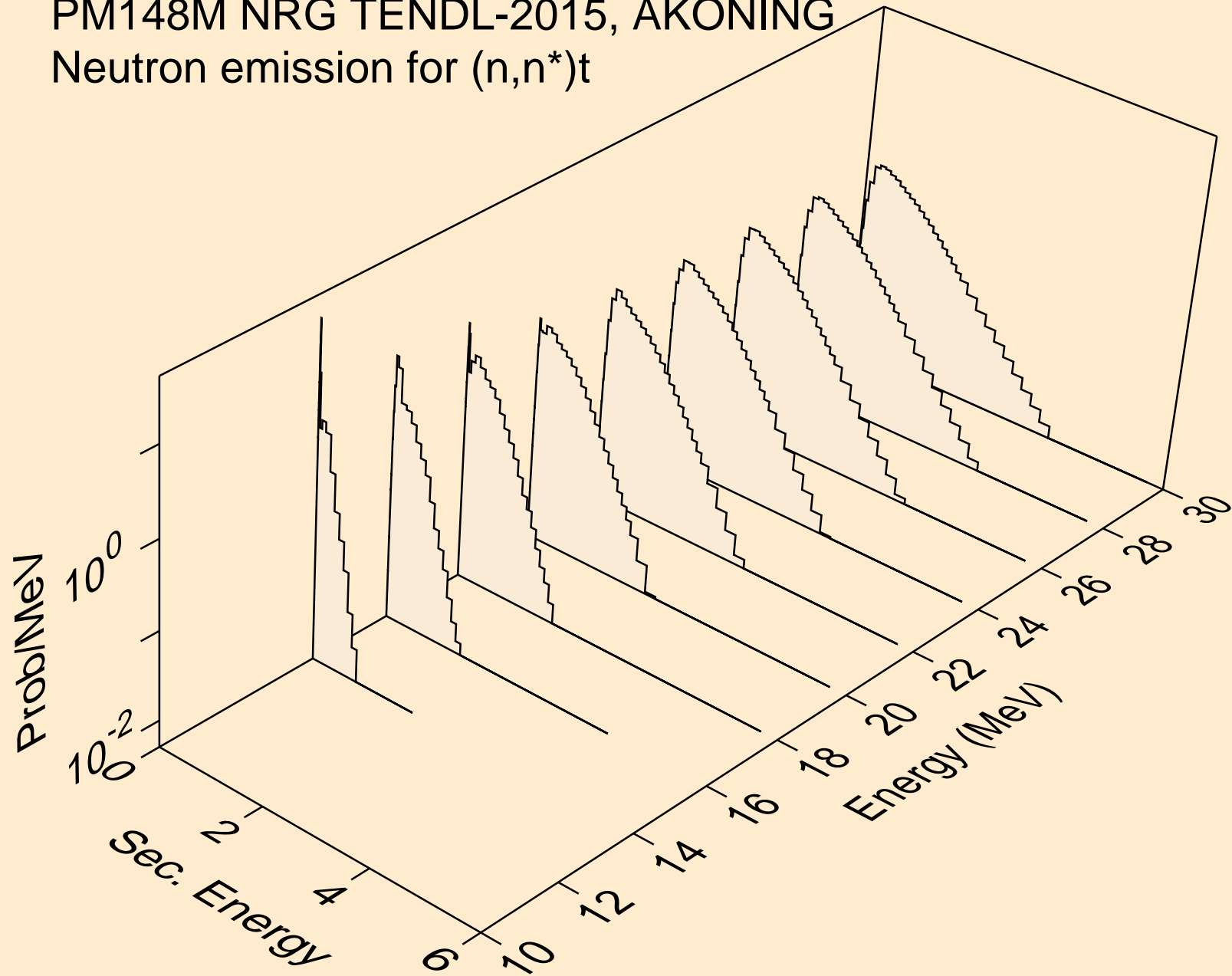
PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



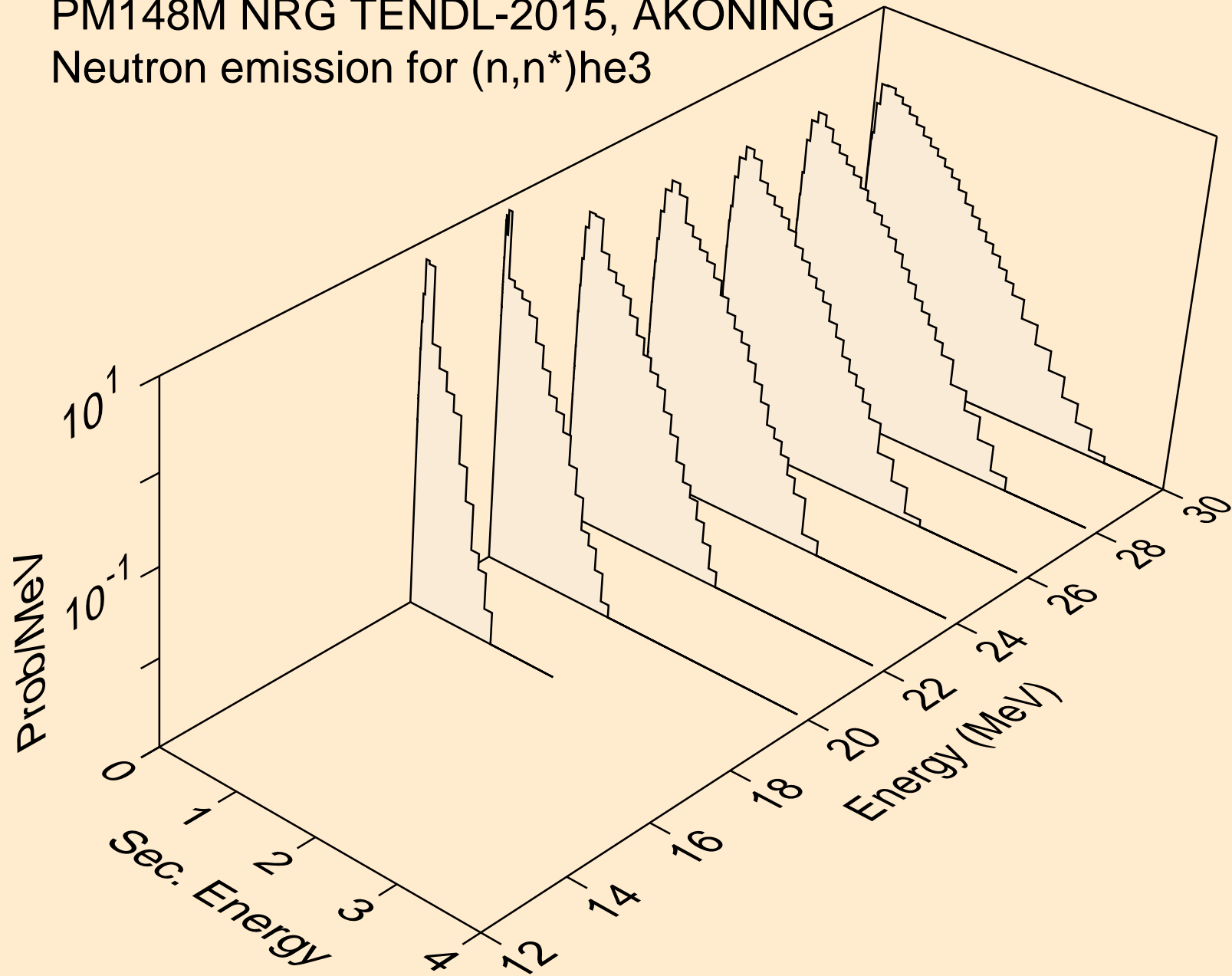
PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



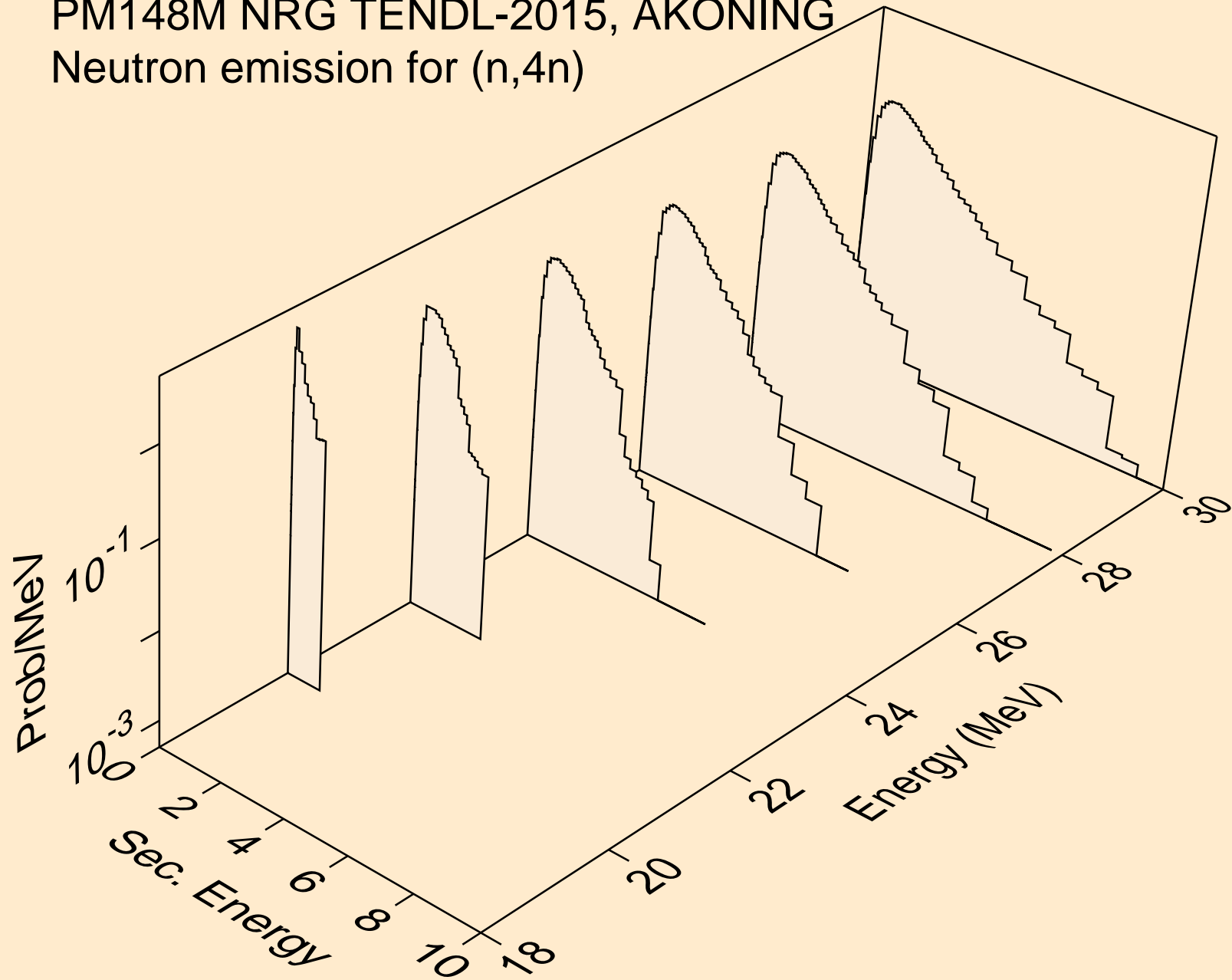
PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



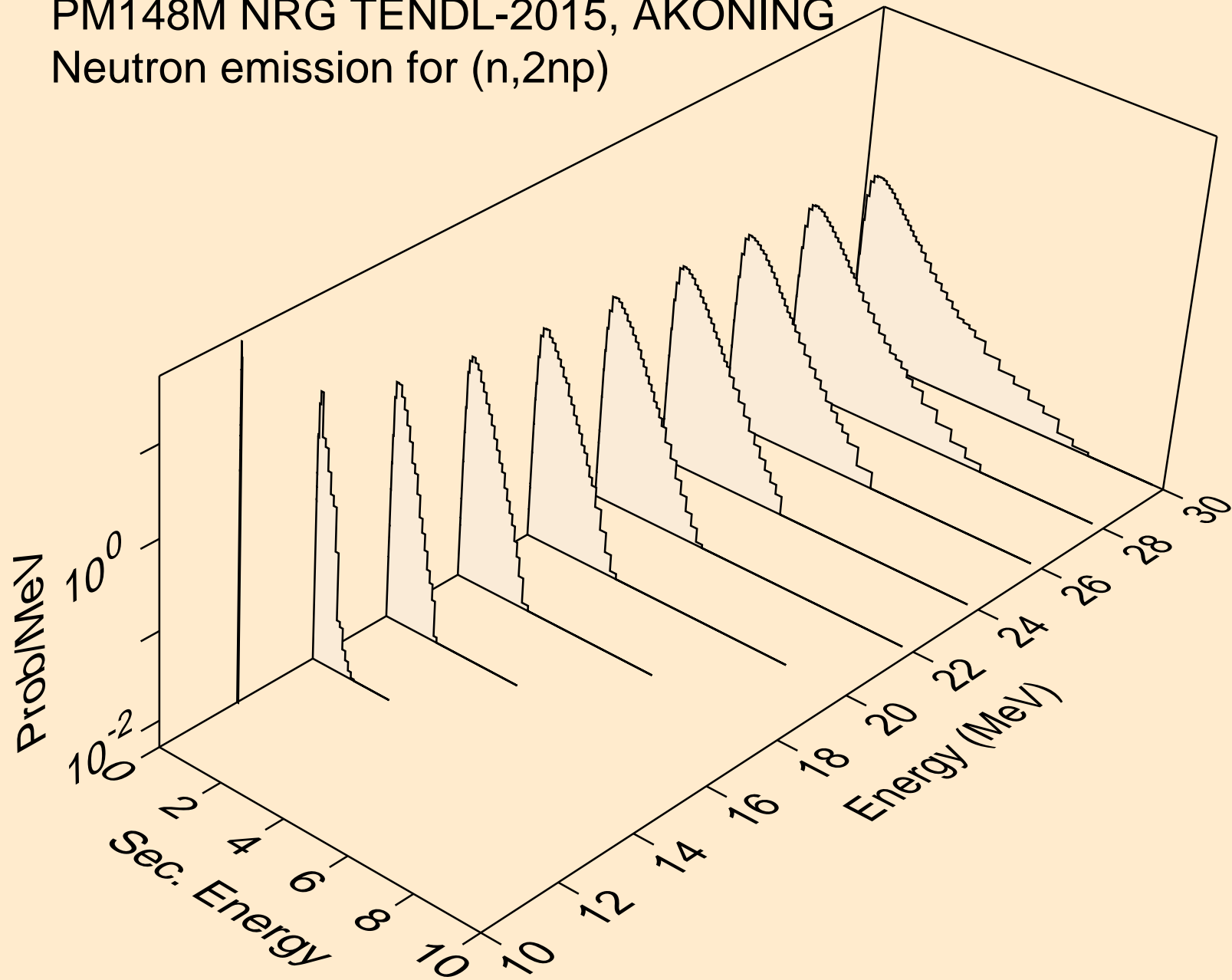
PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



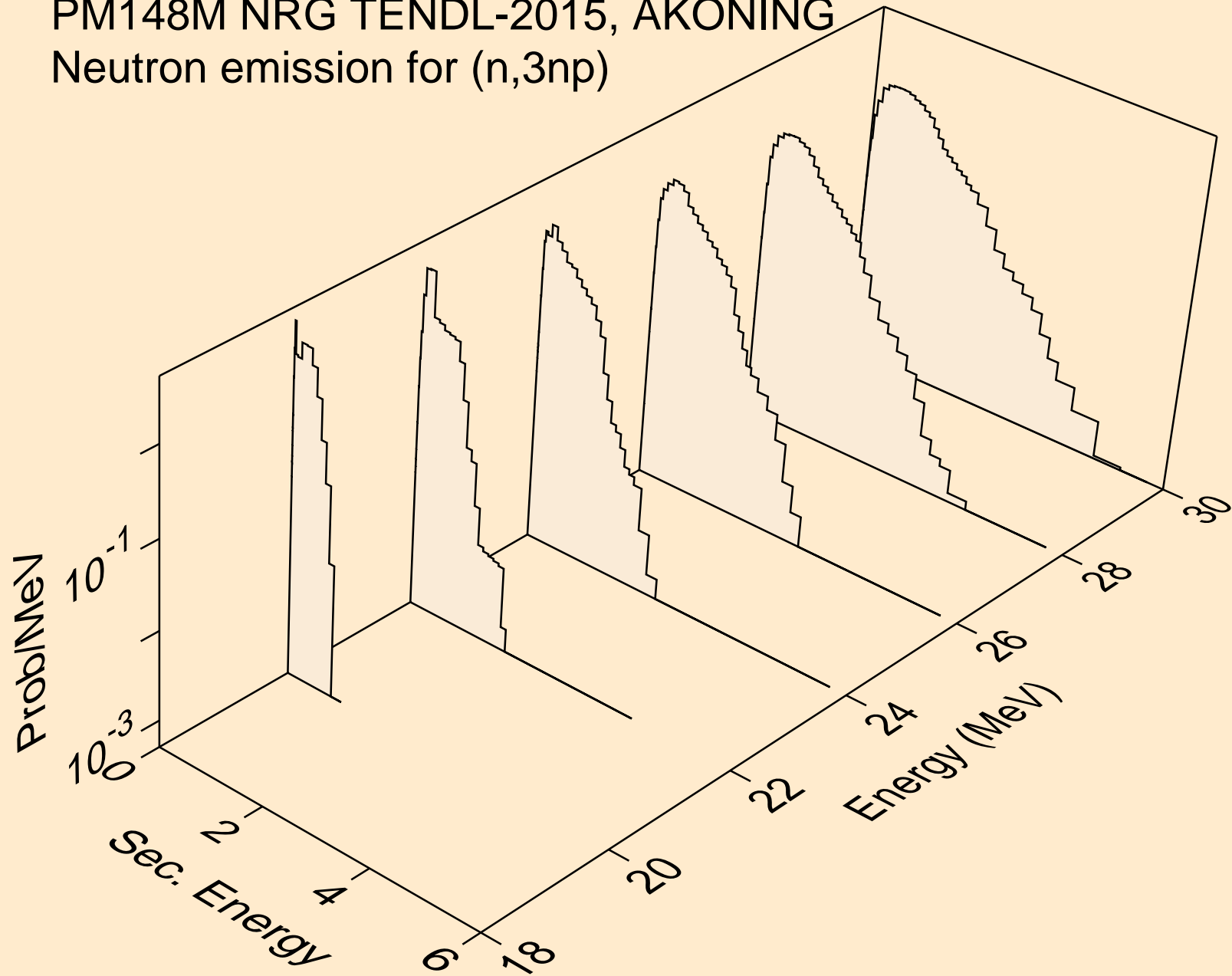
PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

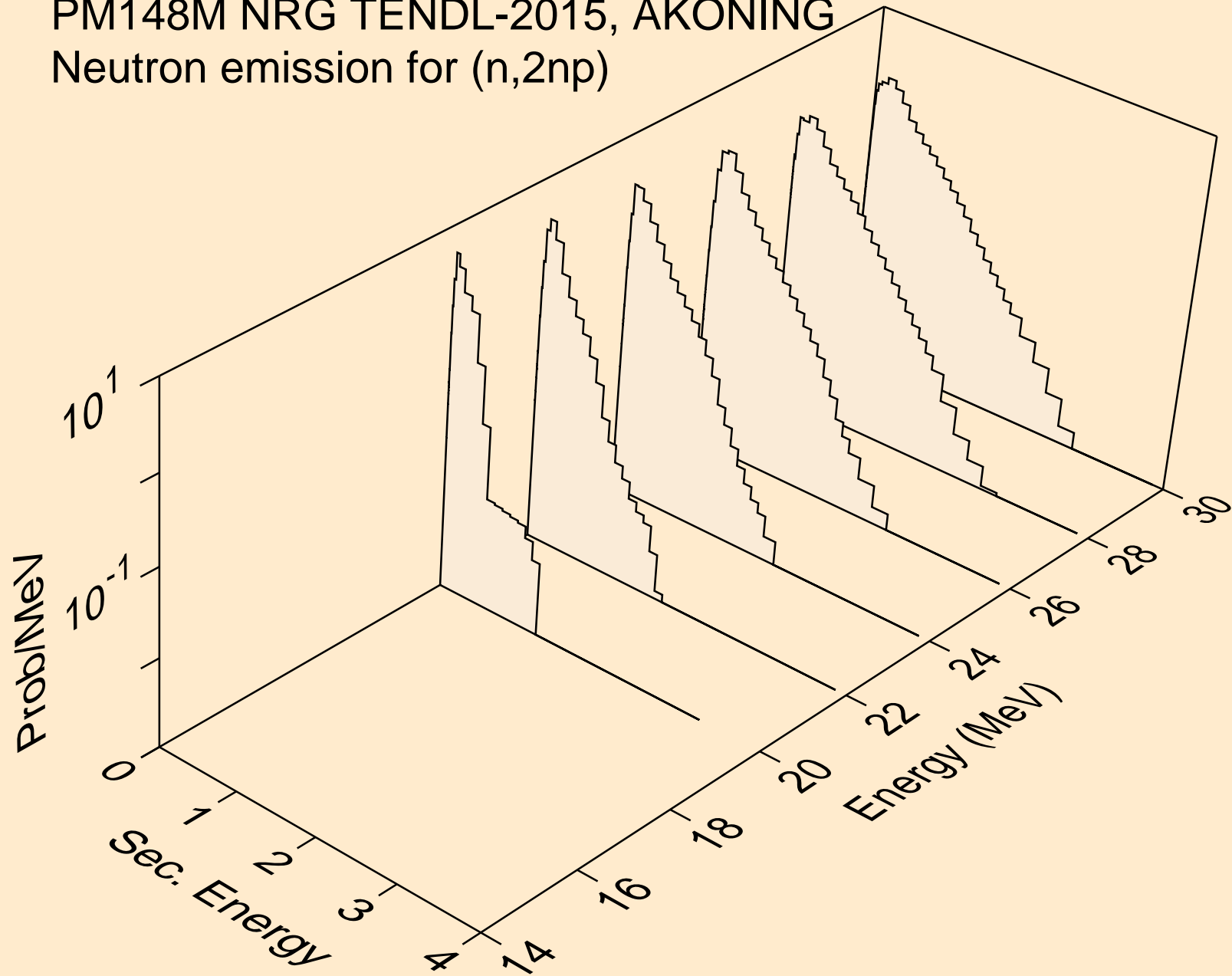


PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

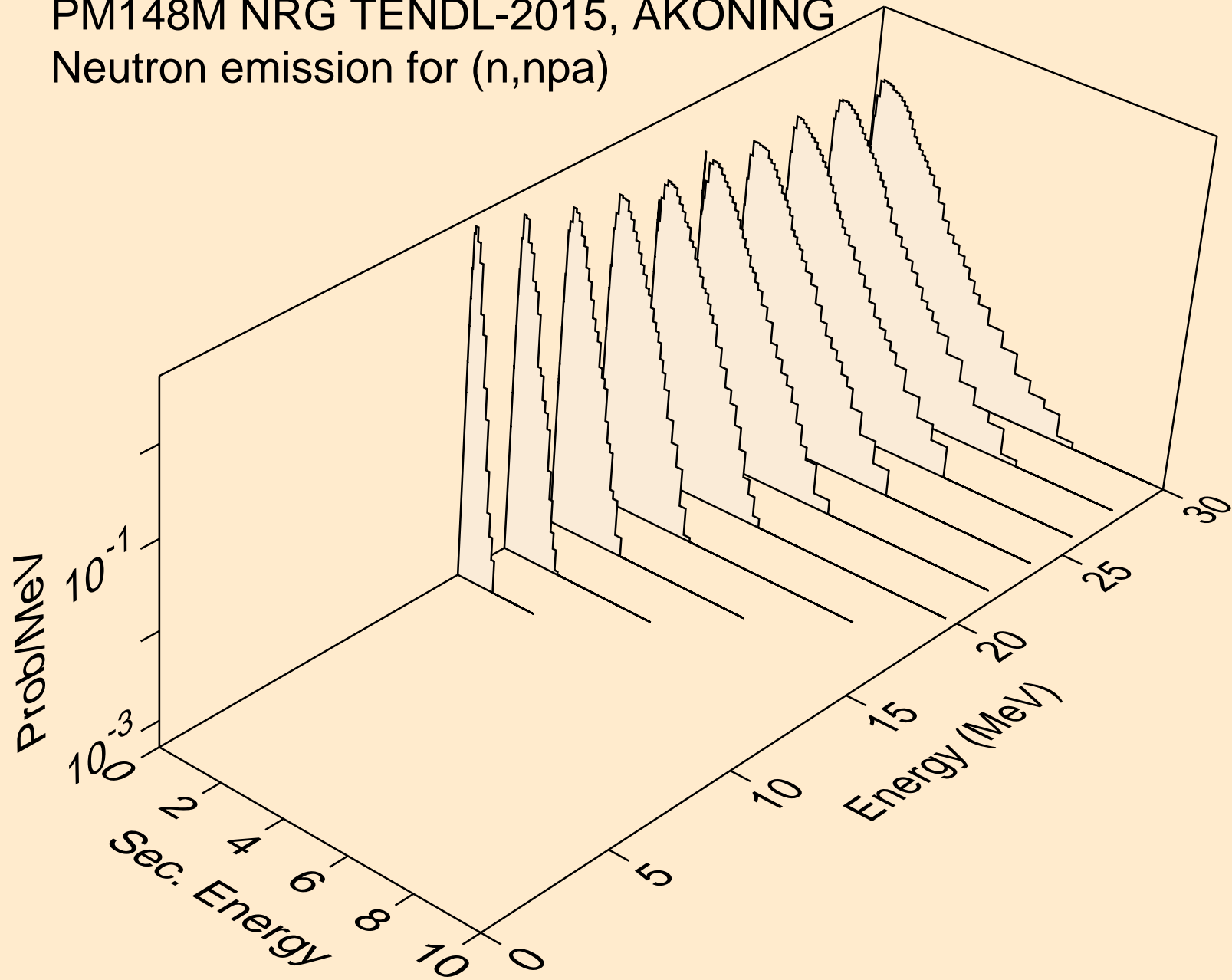




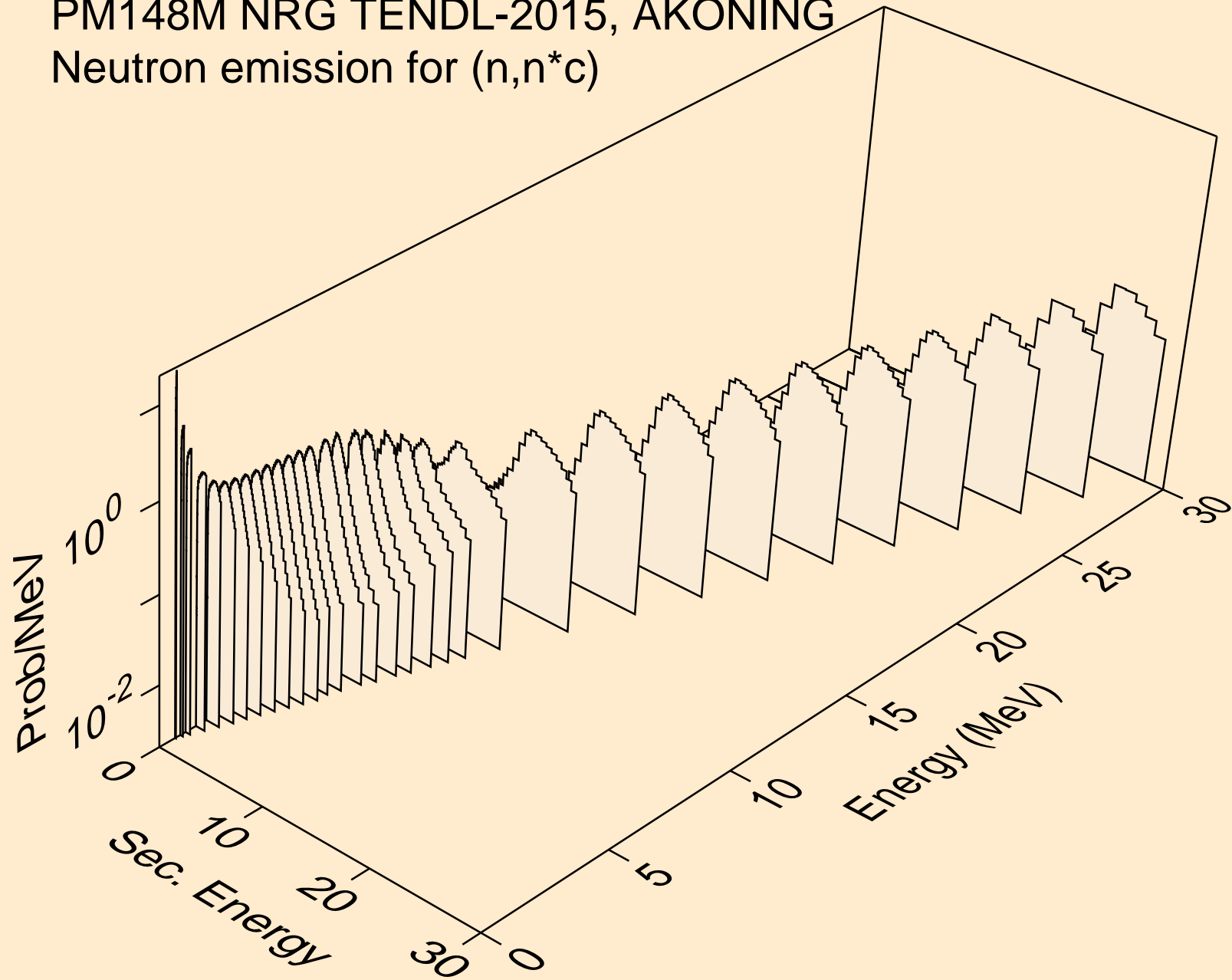
PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



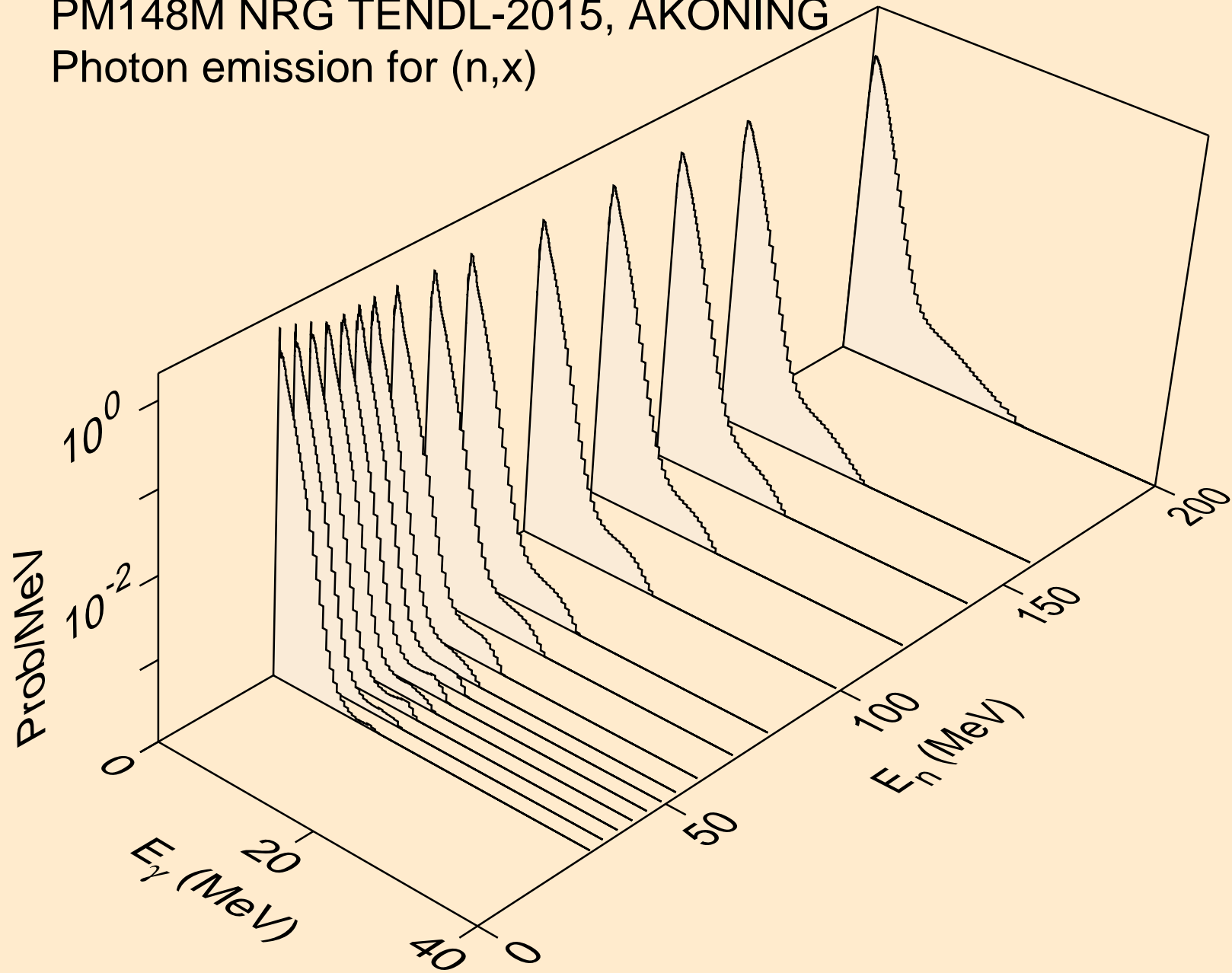
PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



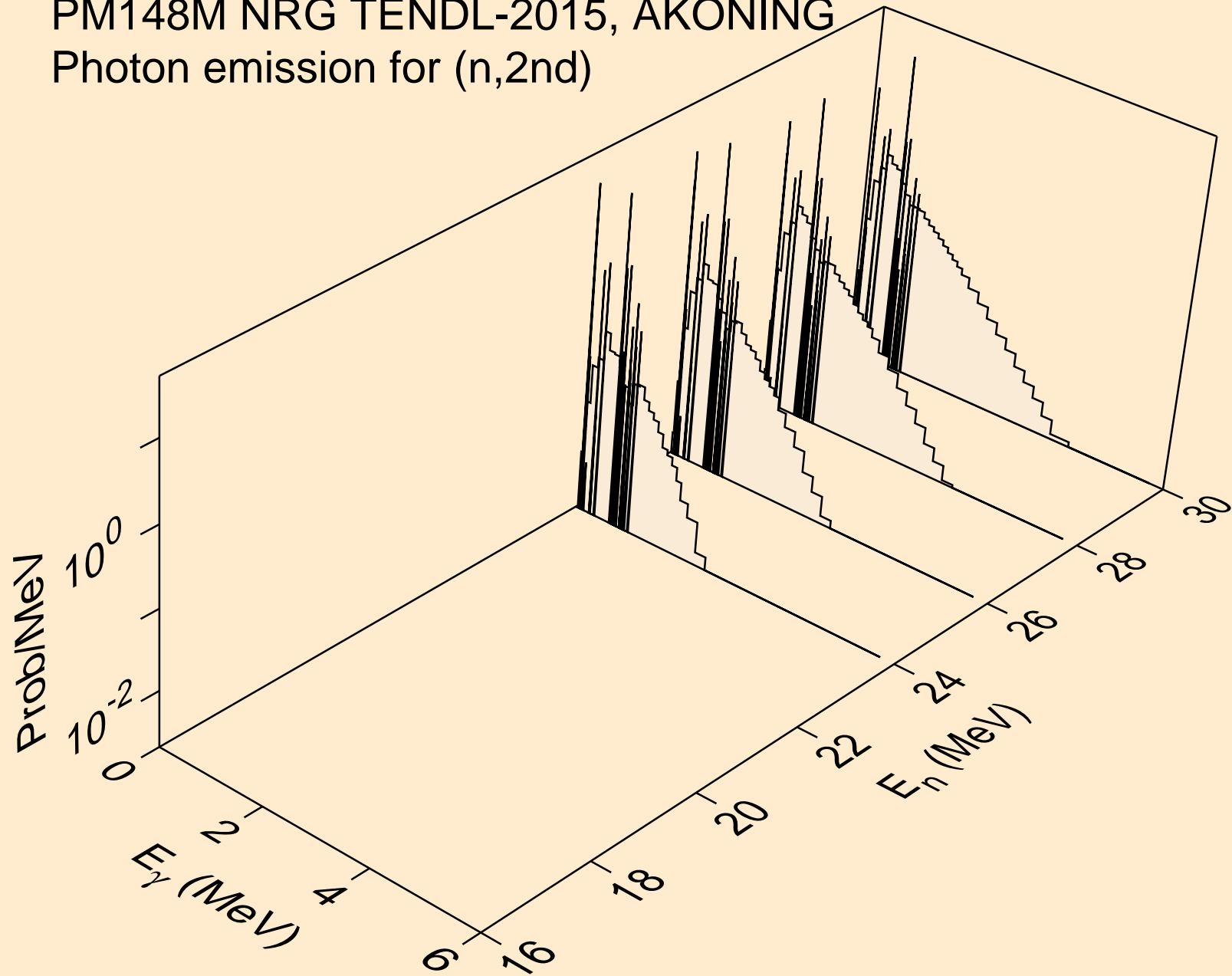
PM148M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



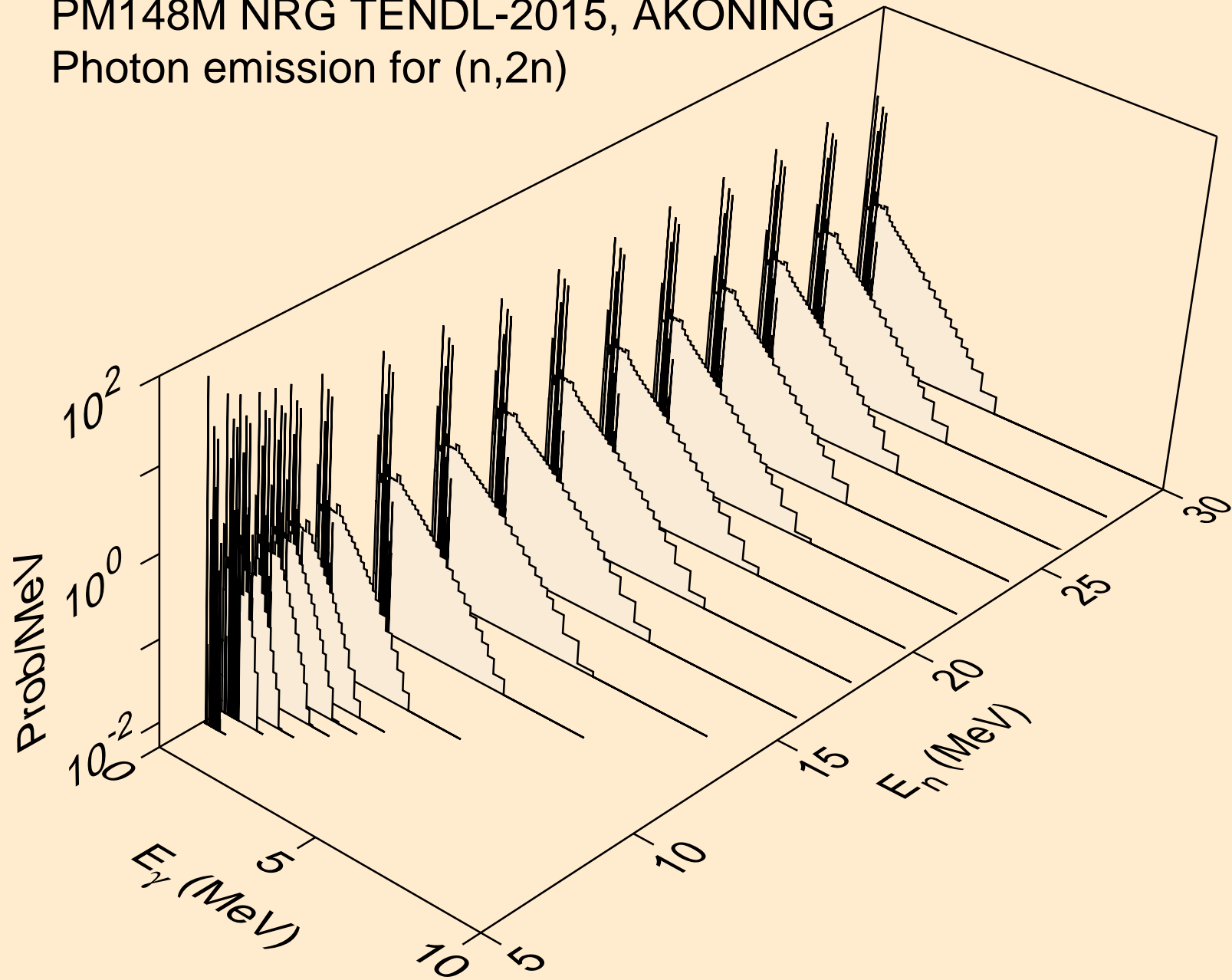
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



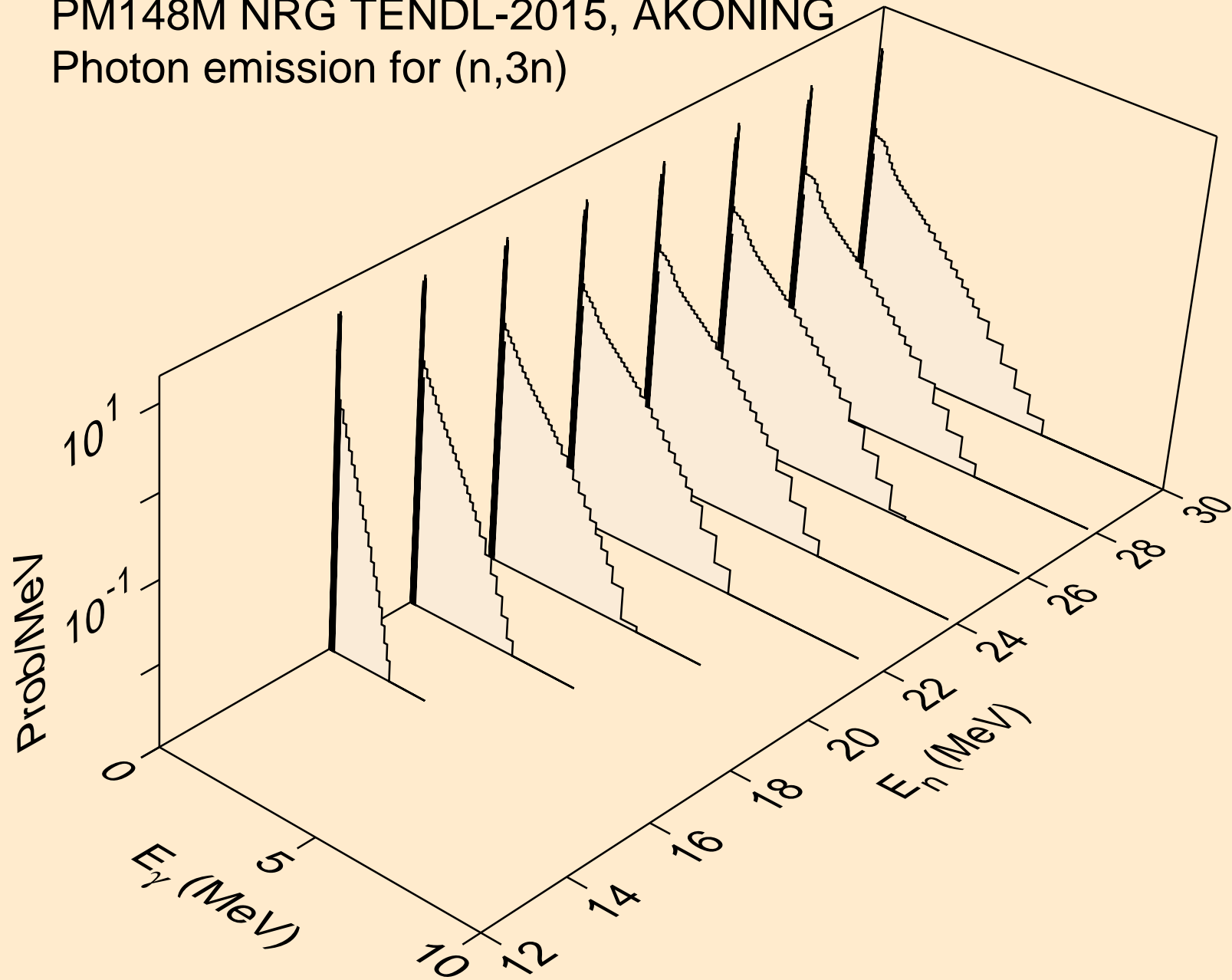
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



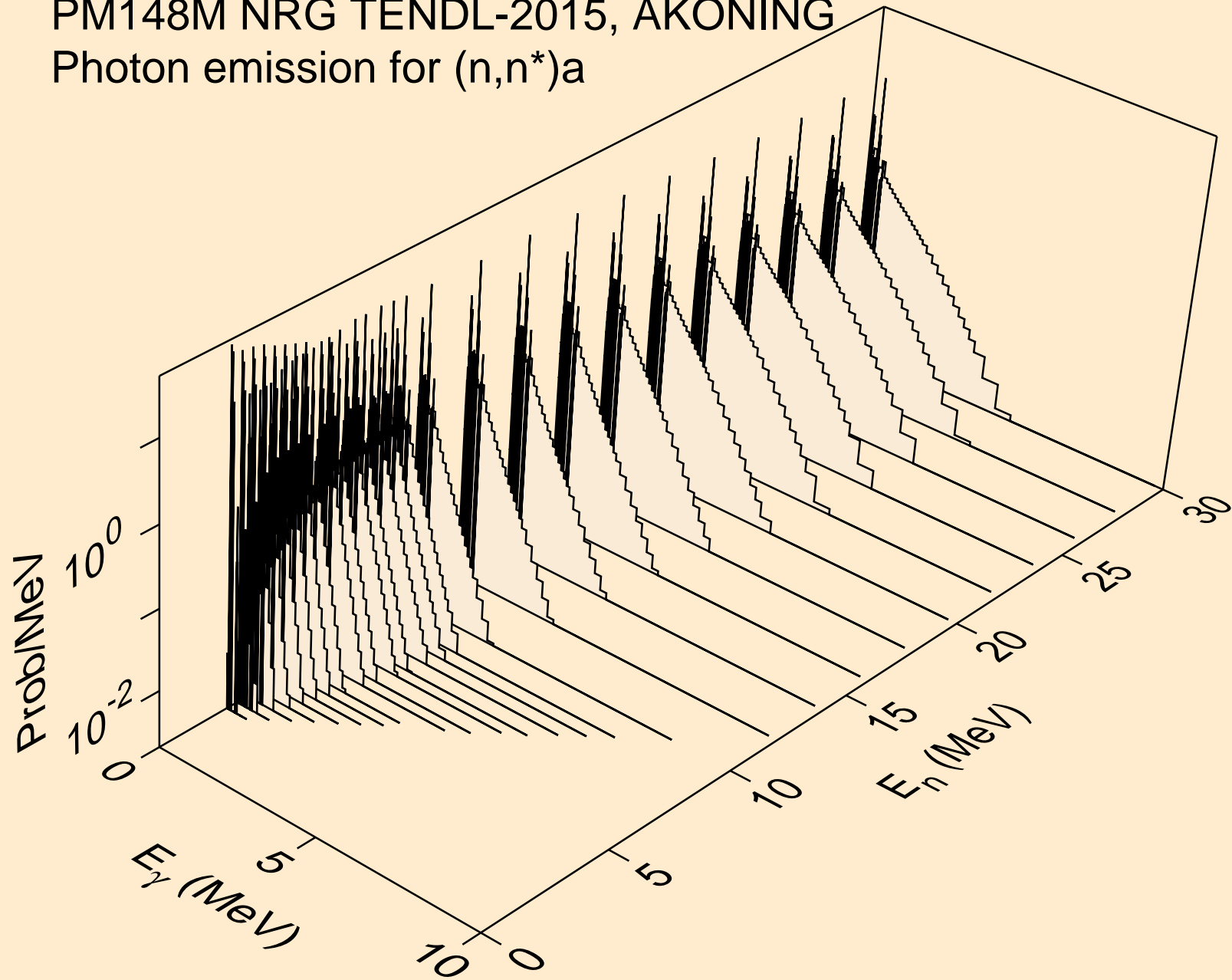
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

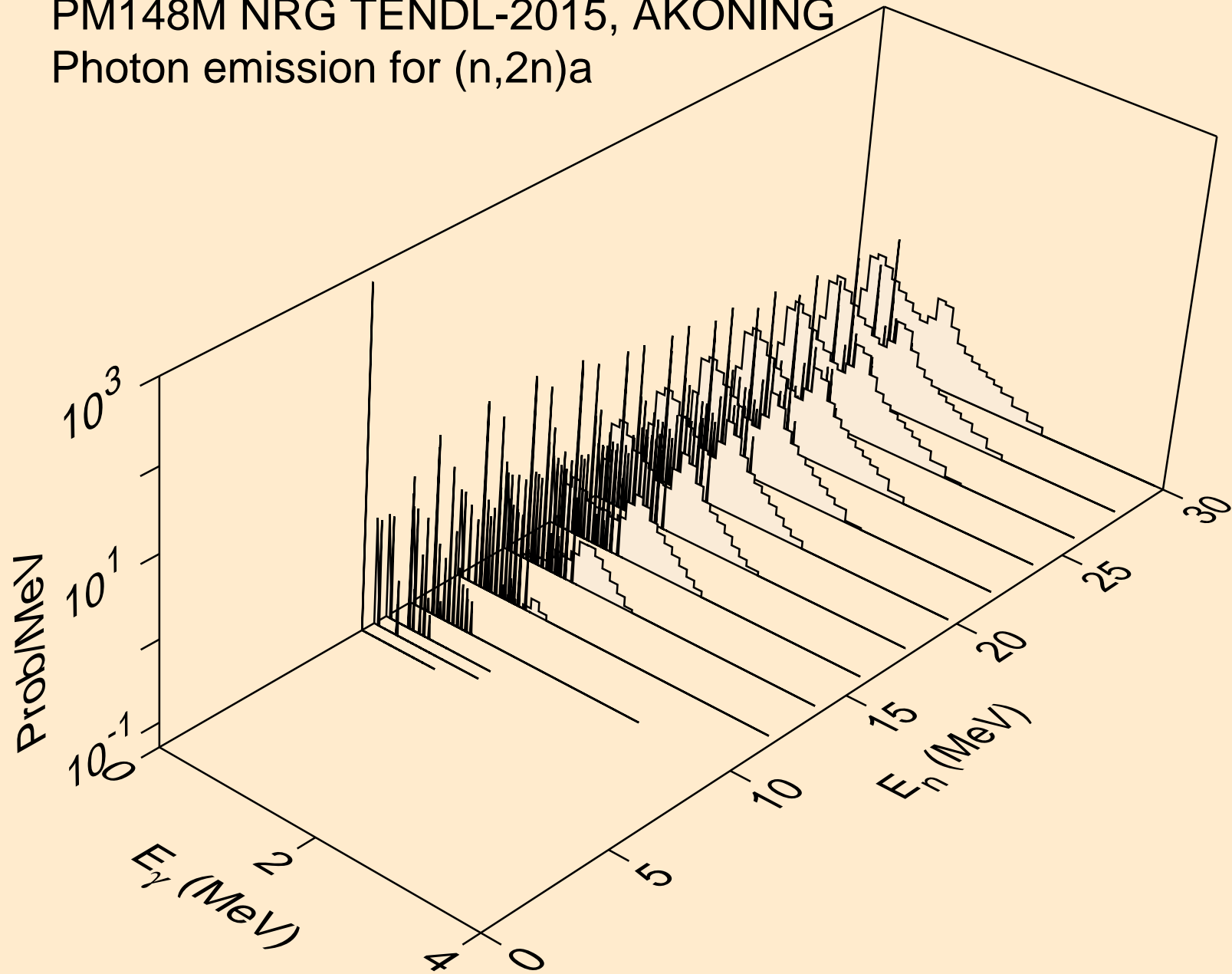


PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

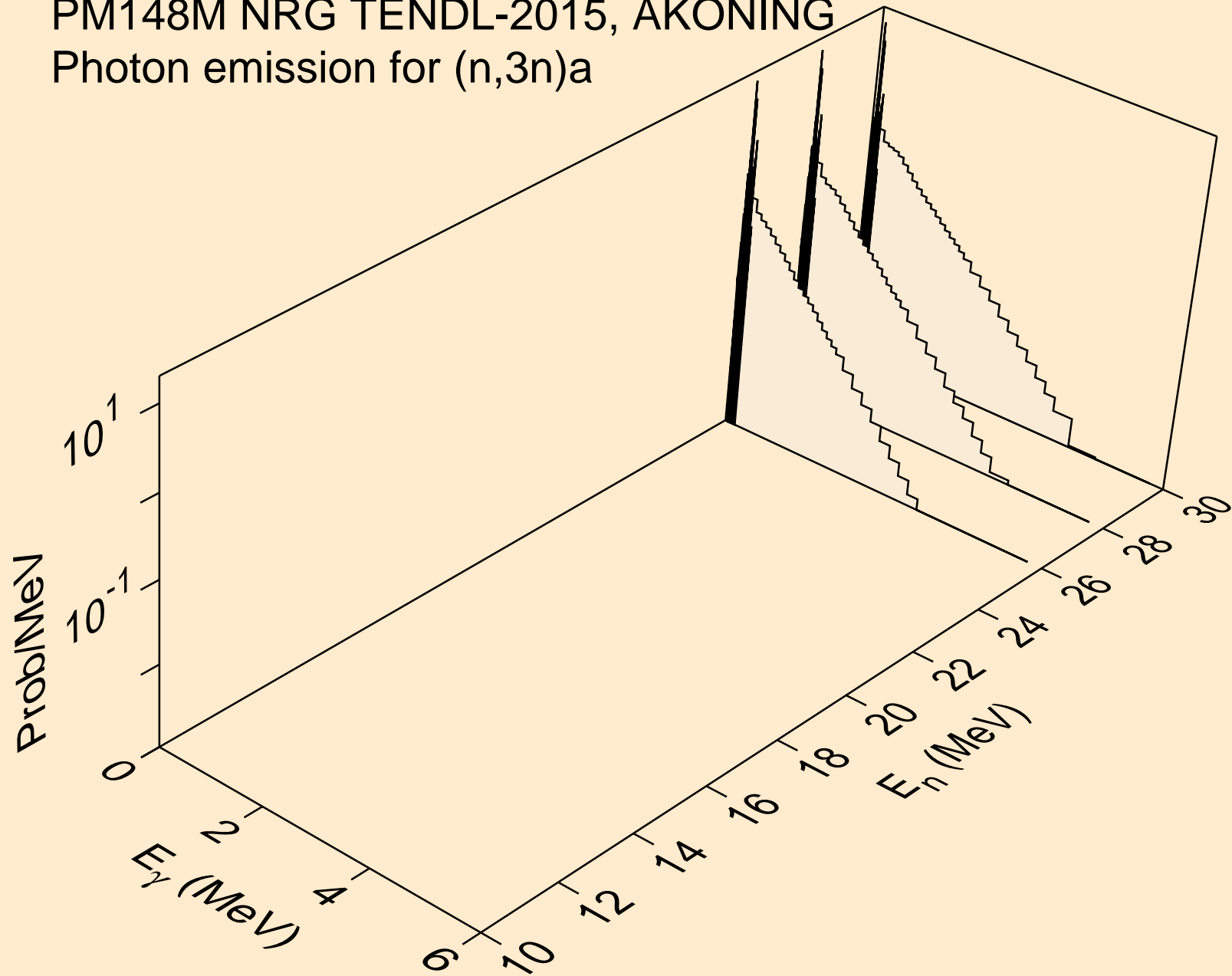




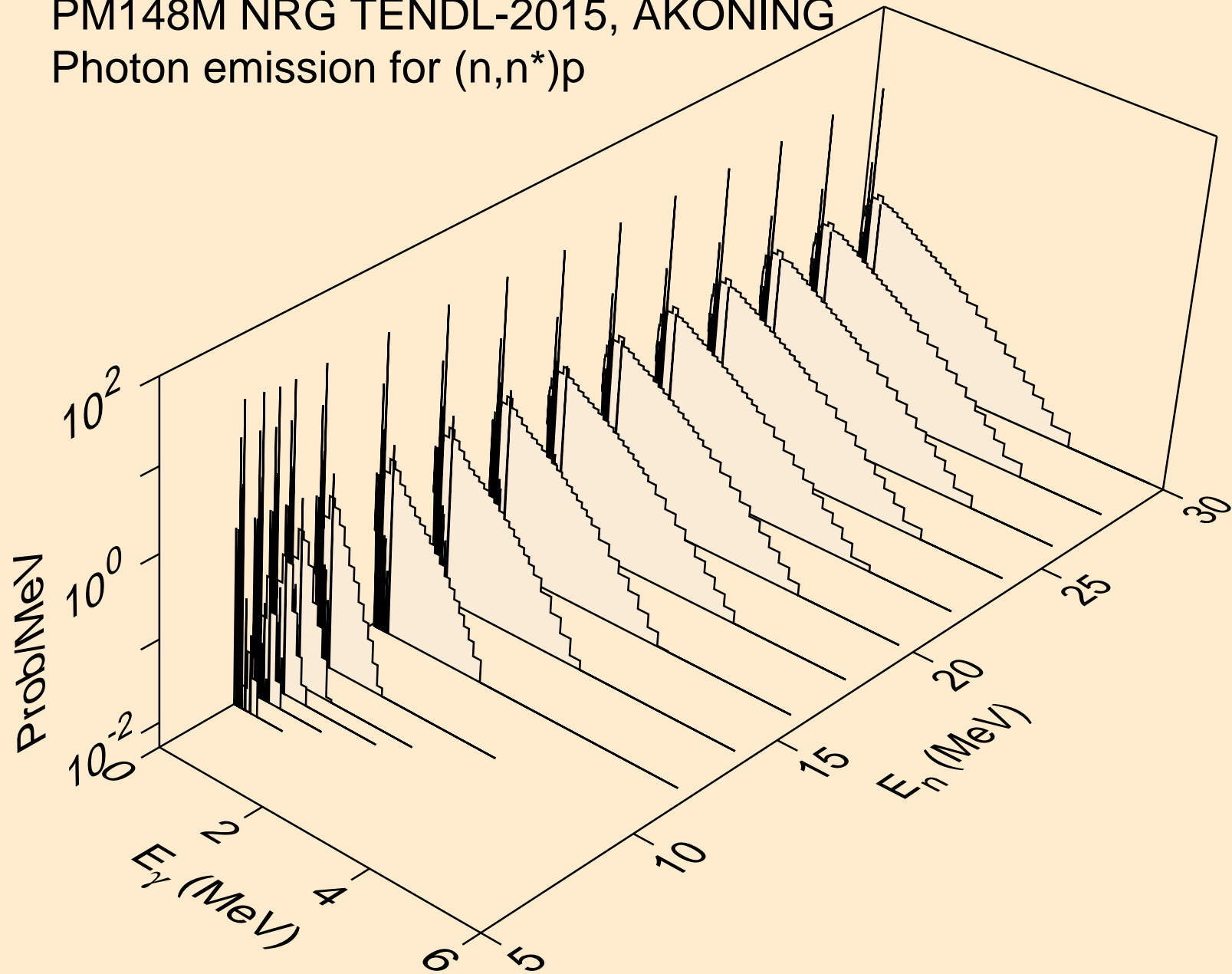
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



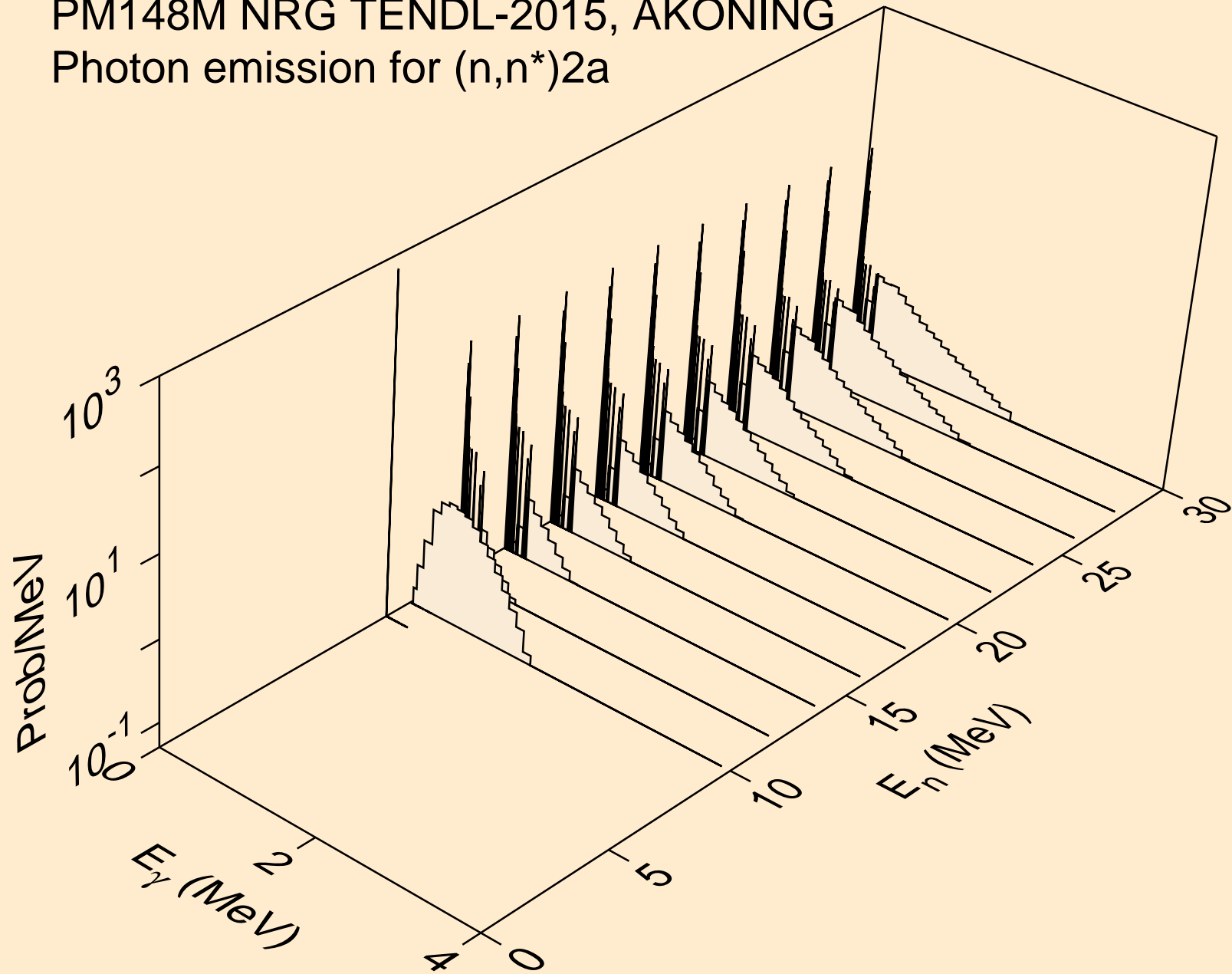
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



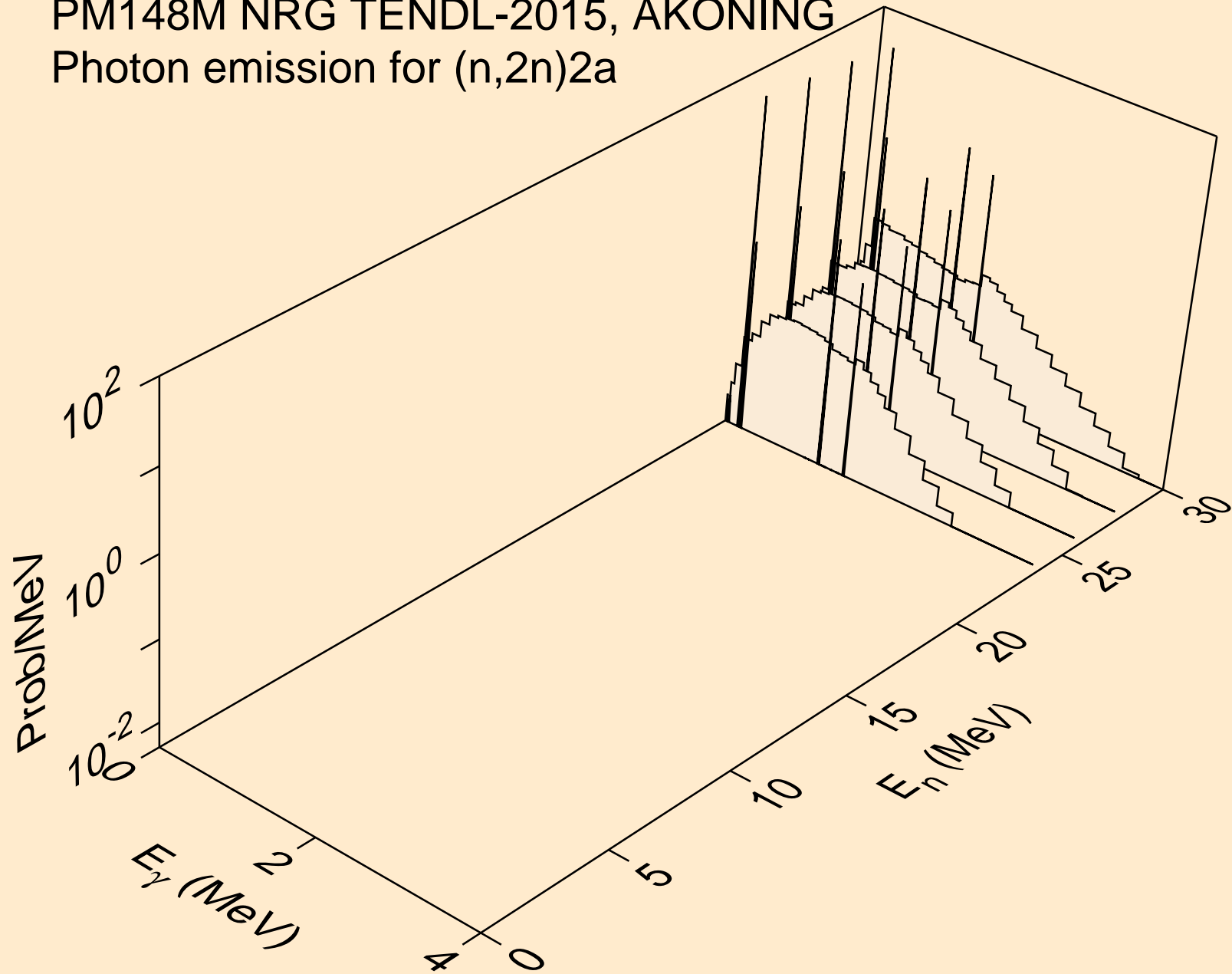
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



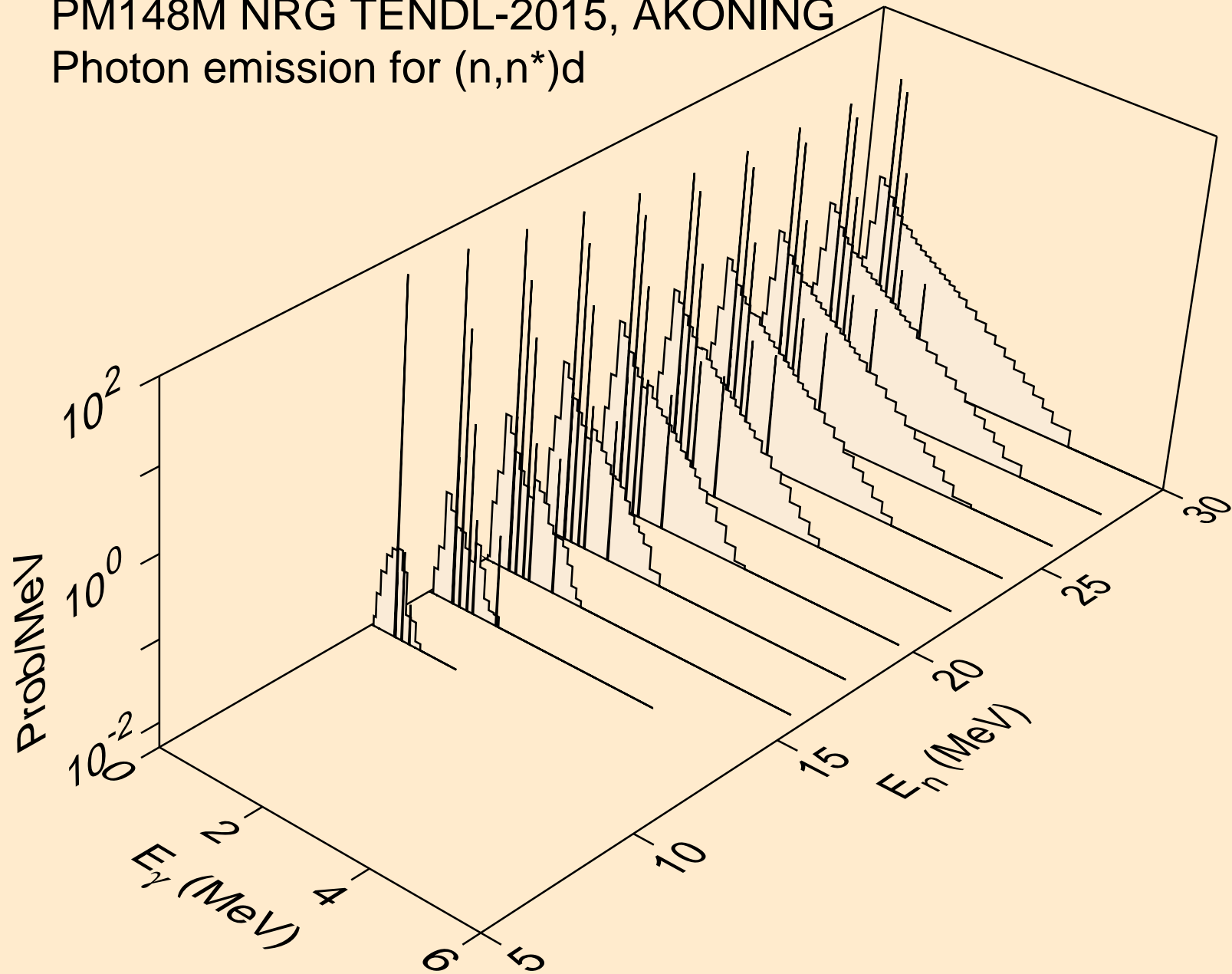
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



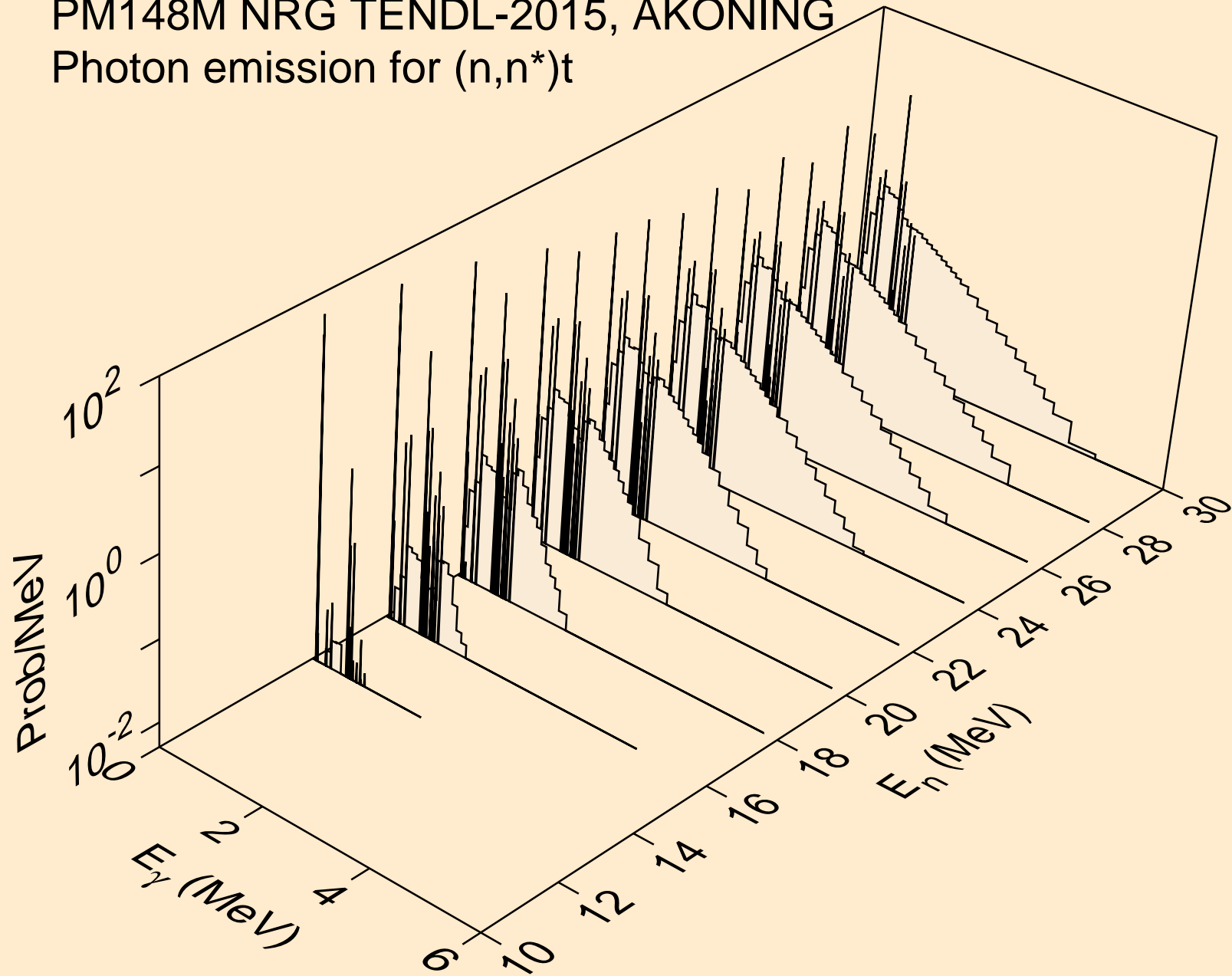
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



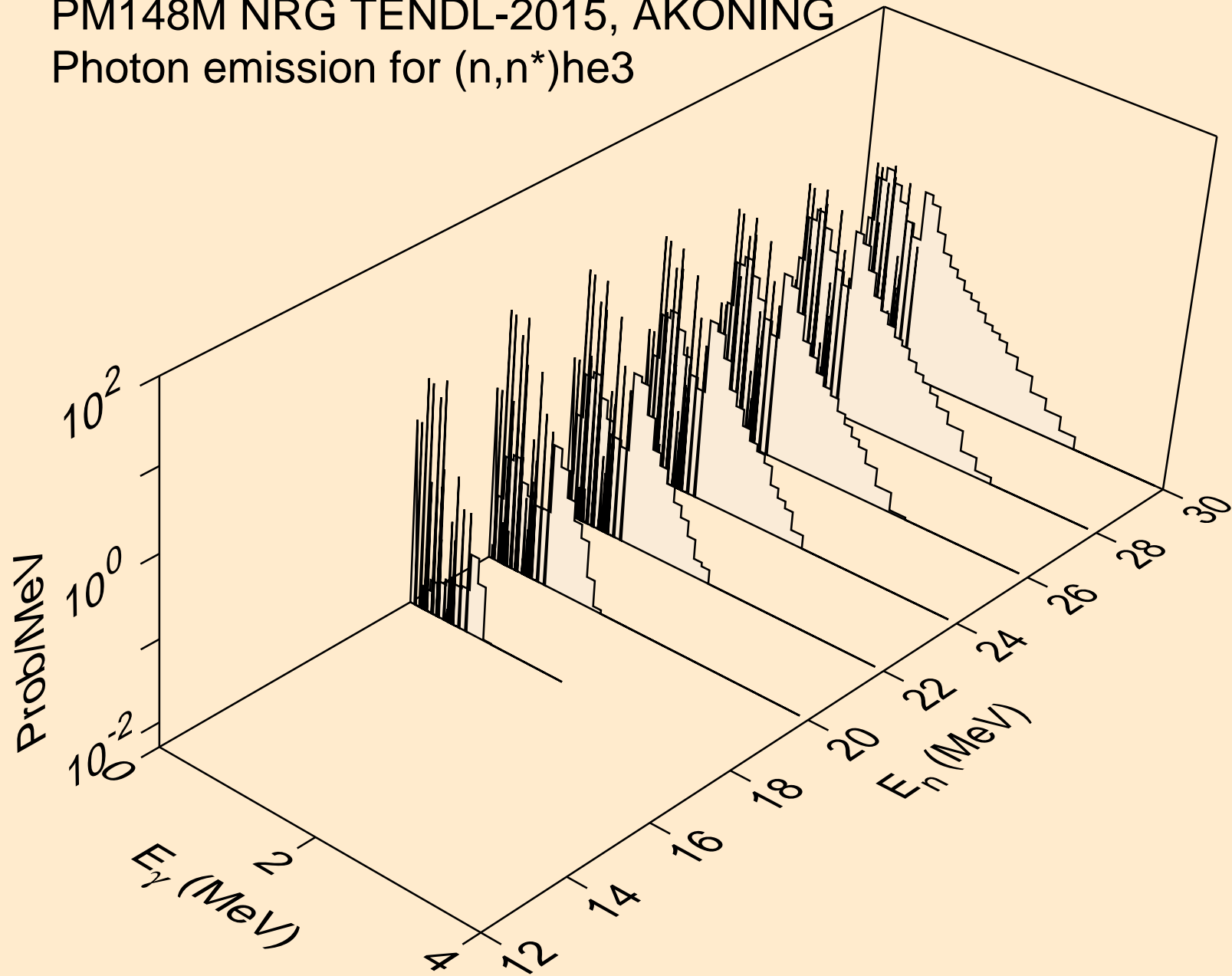
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

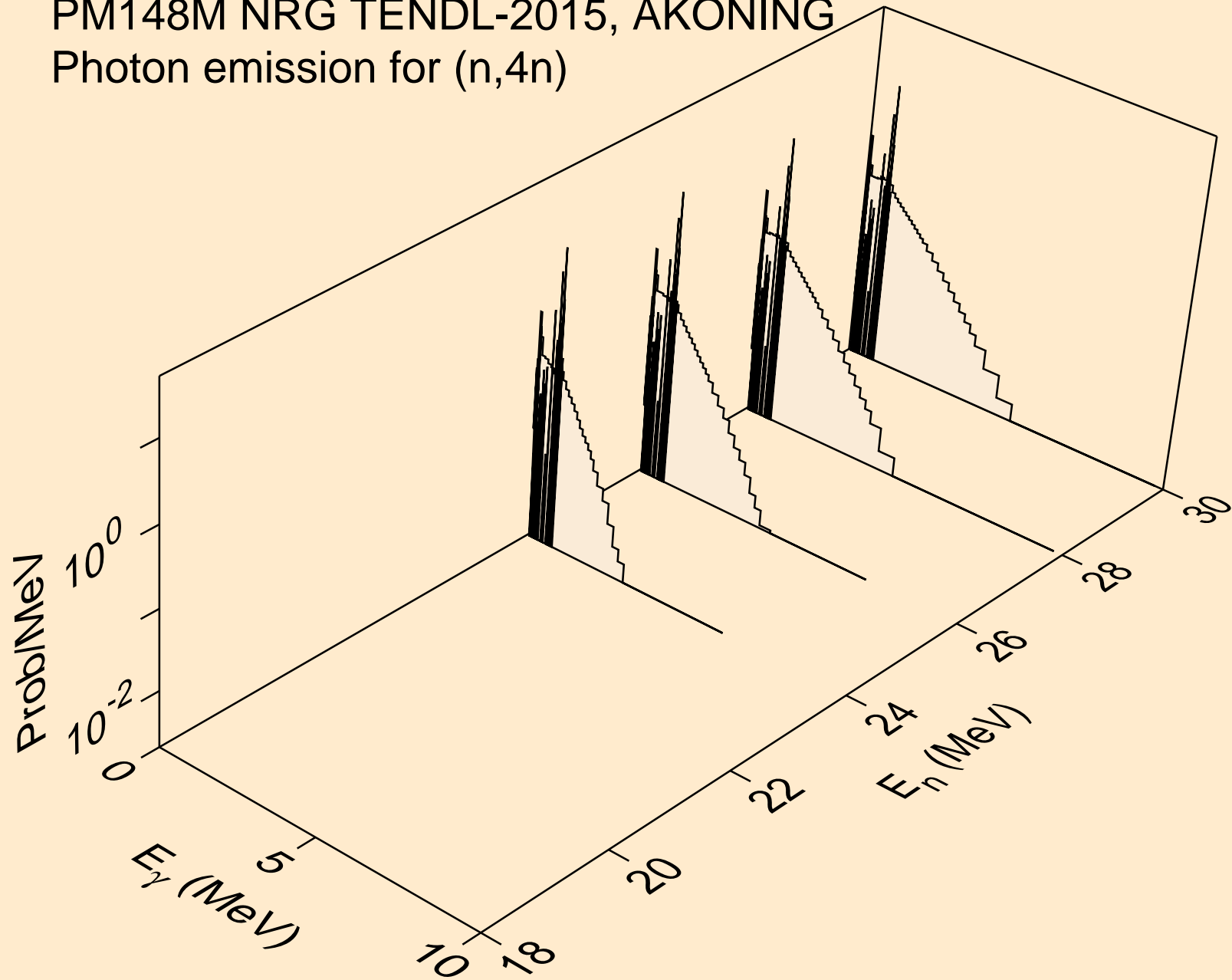


PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

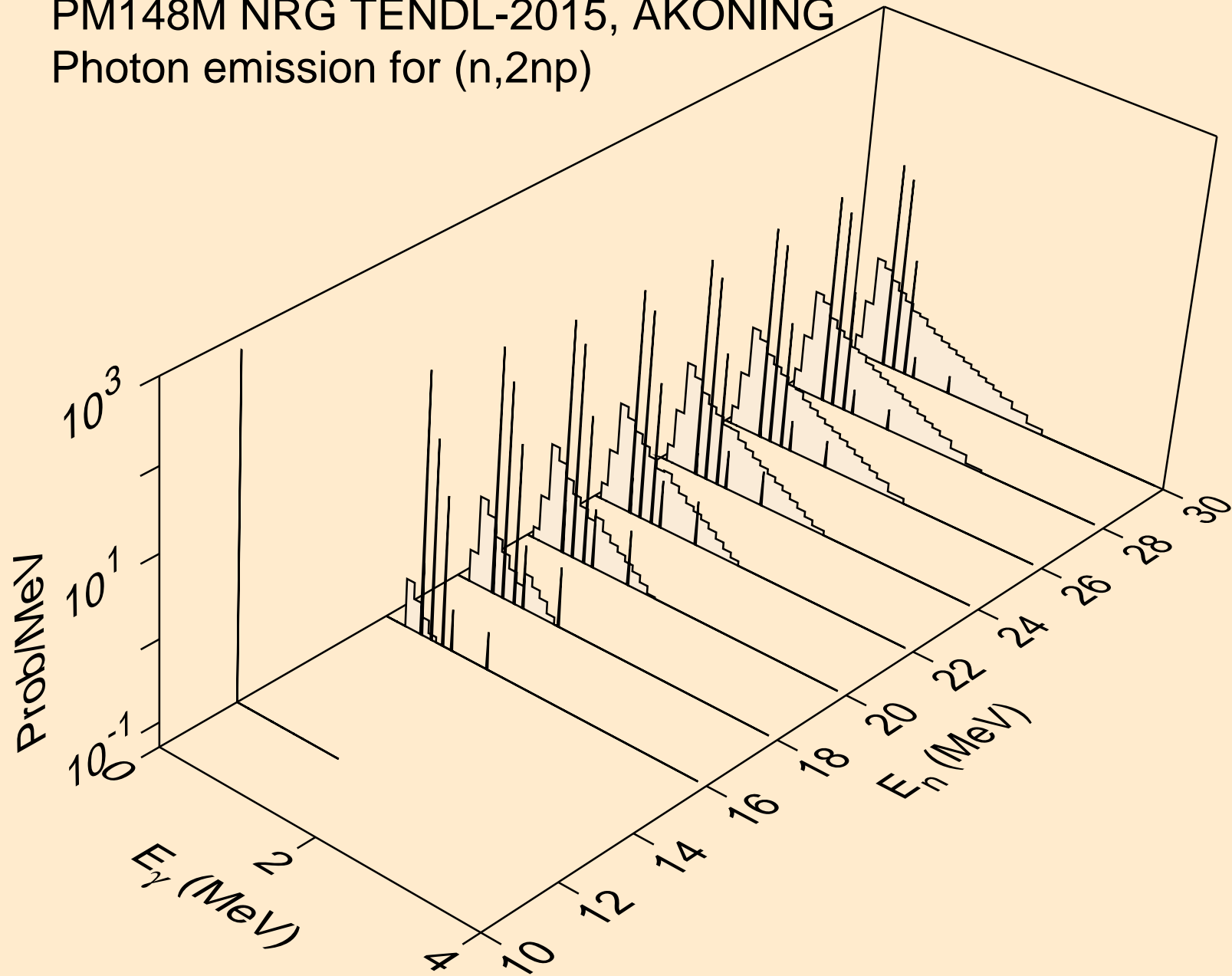




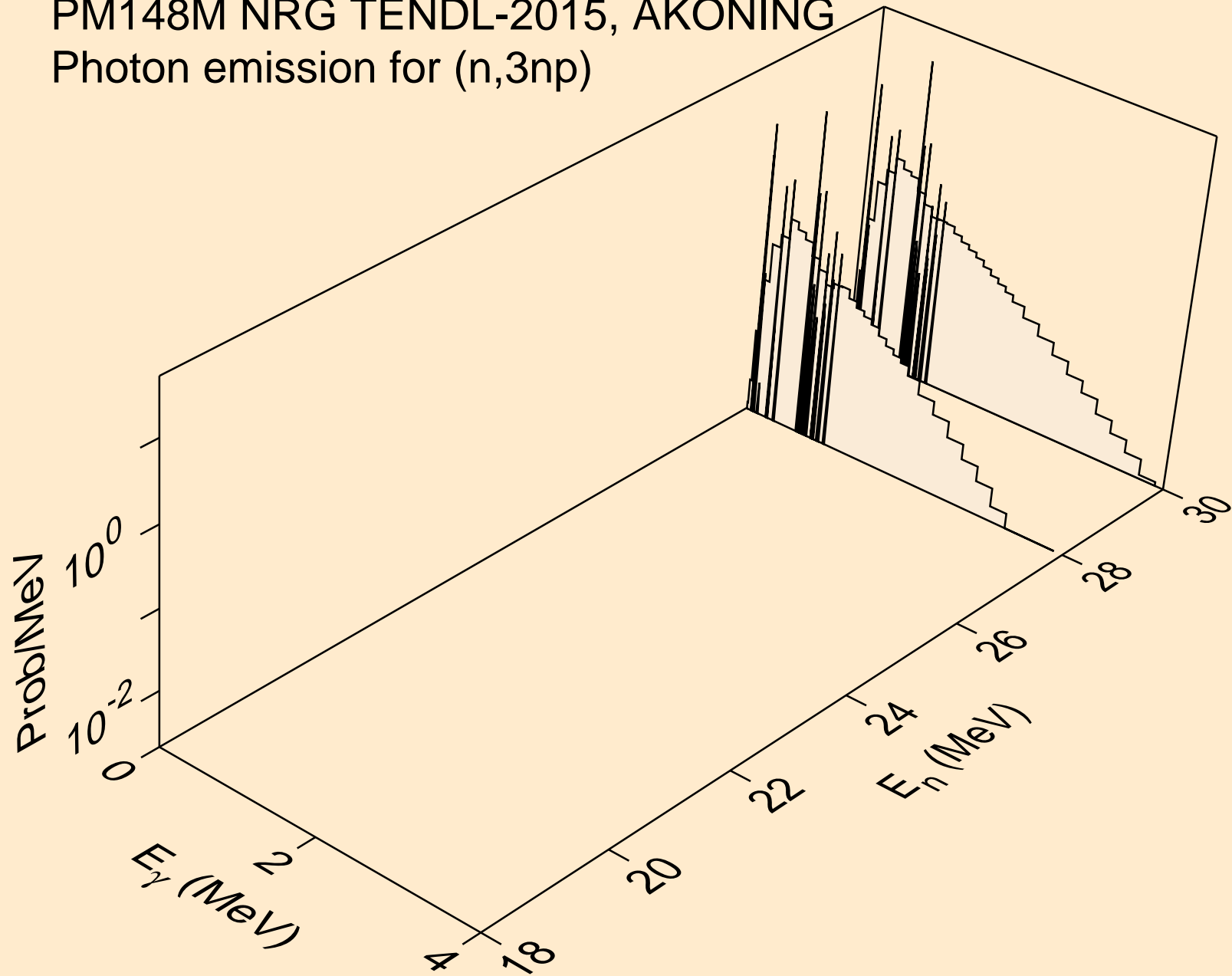
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



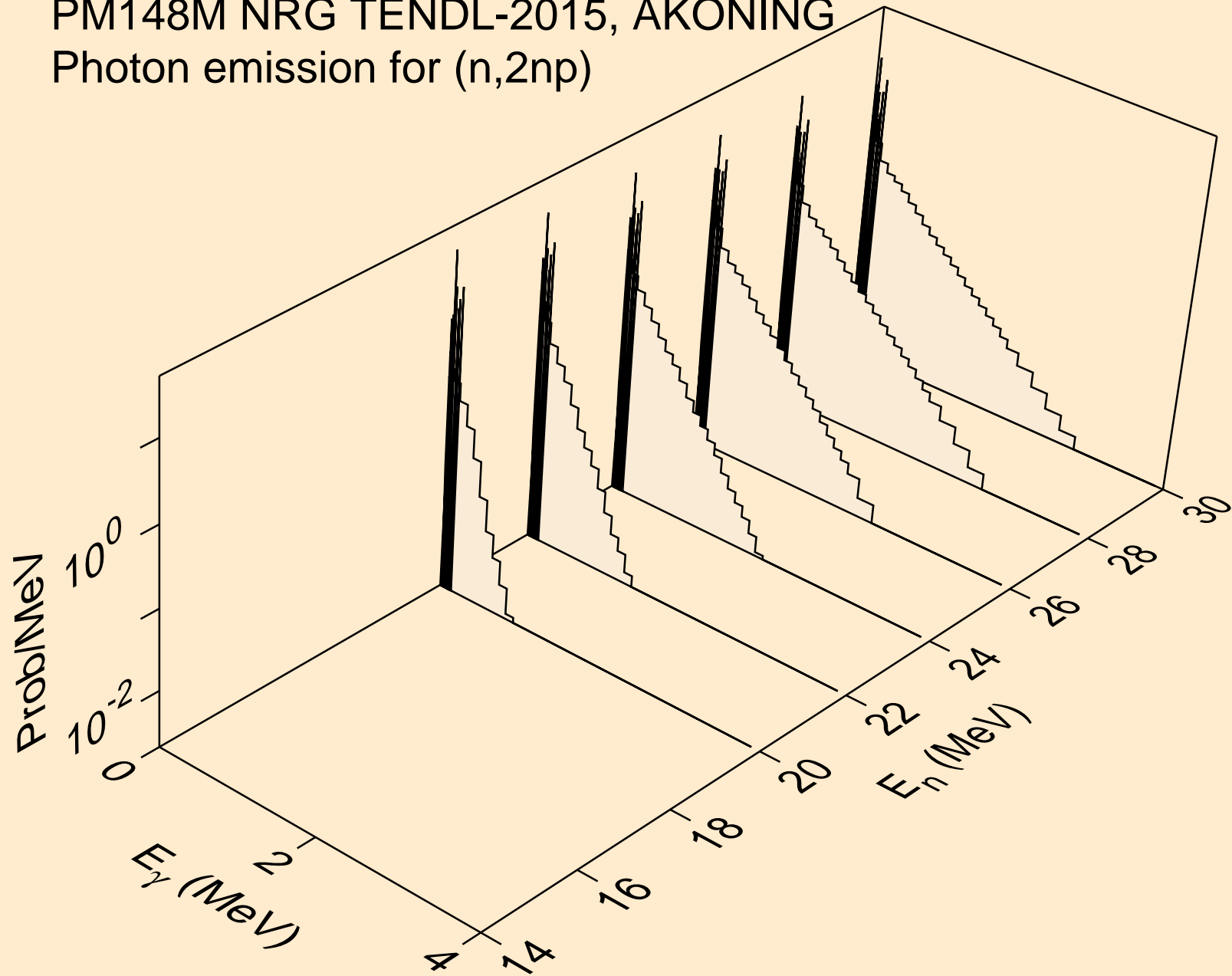
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



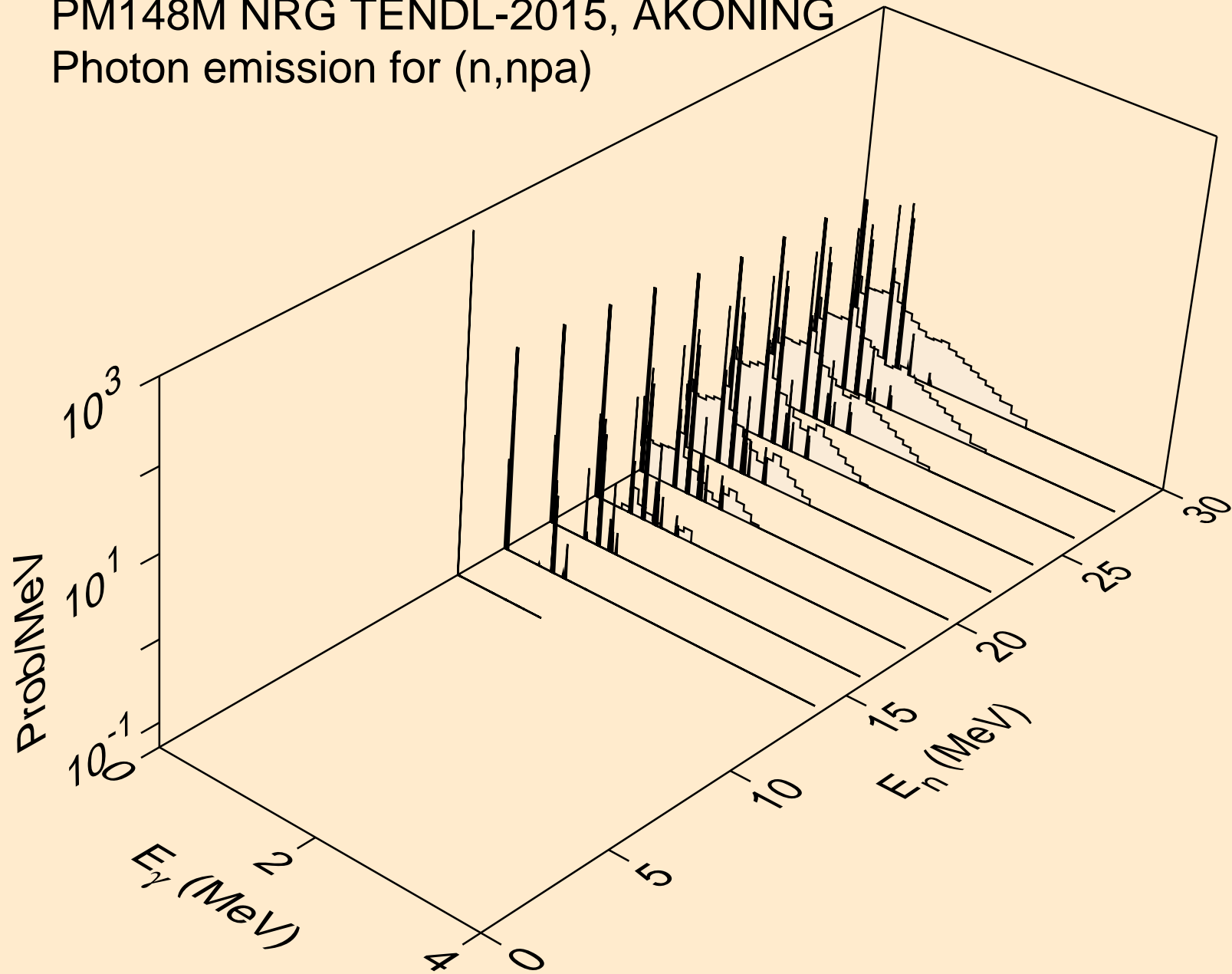
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



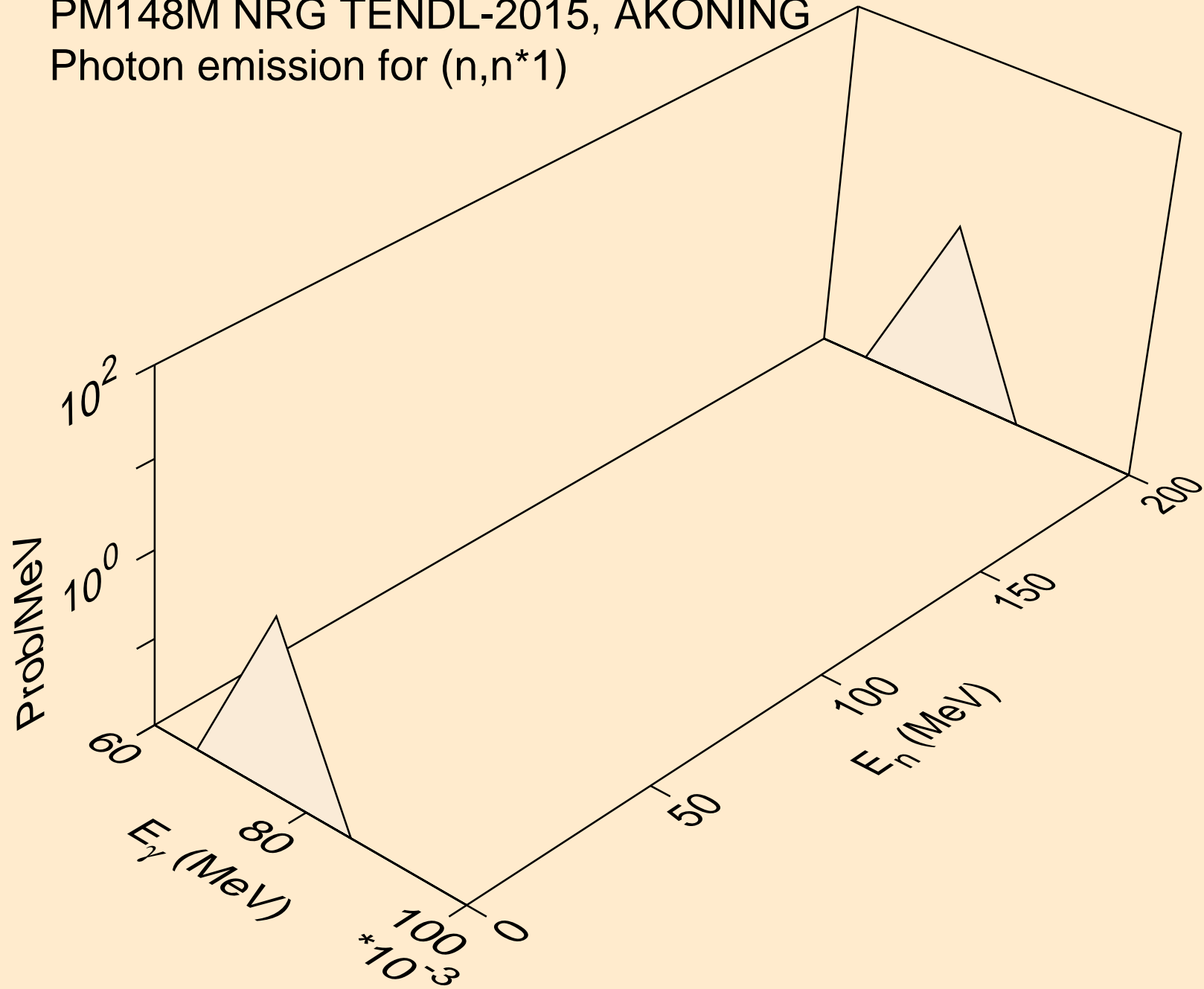
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



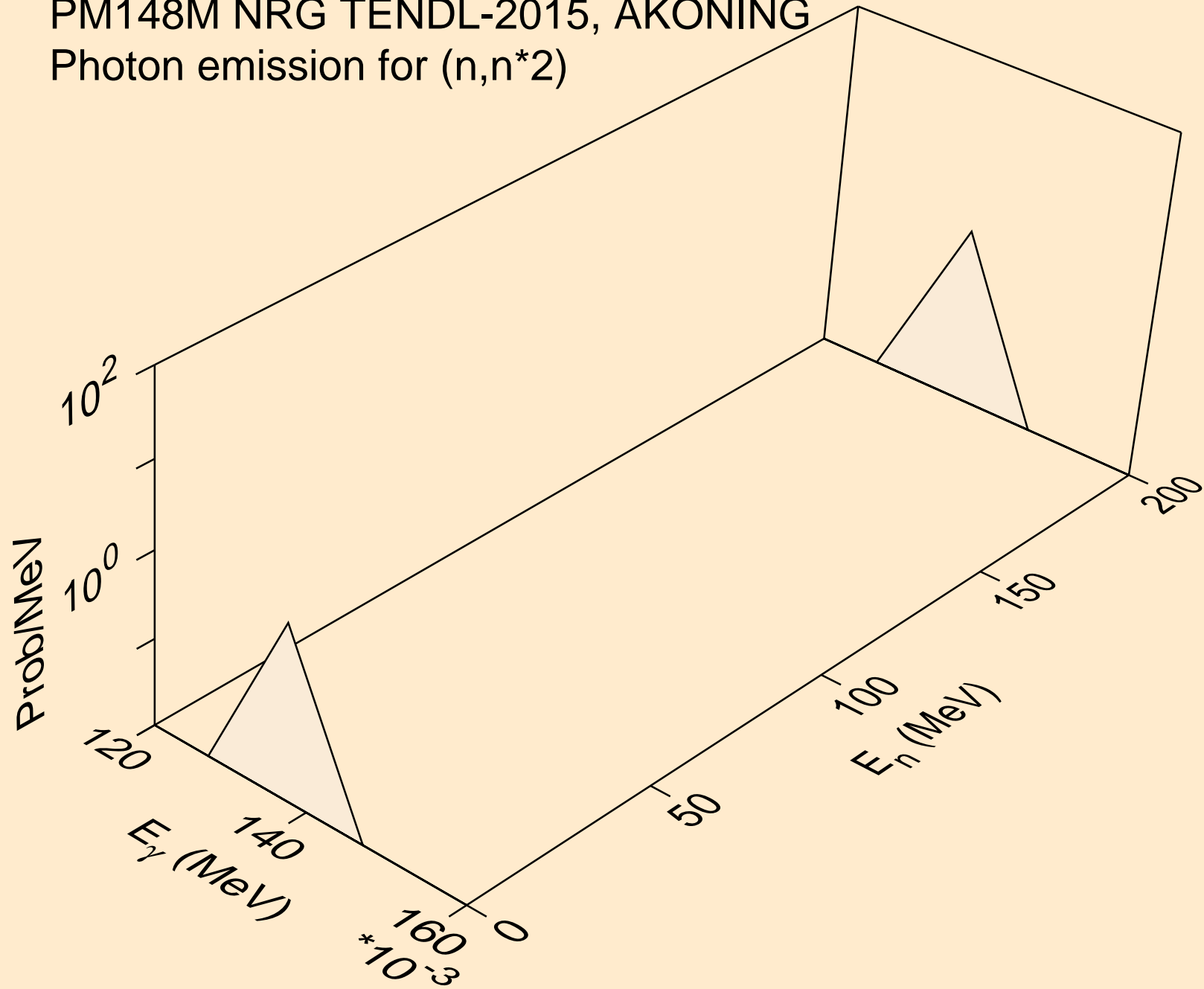
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



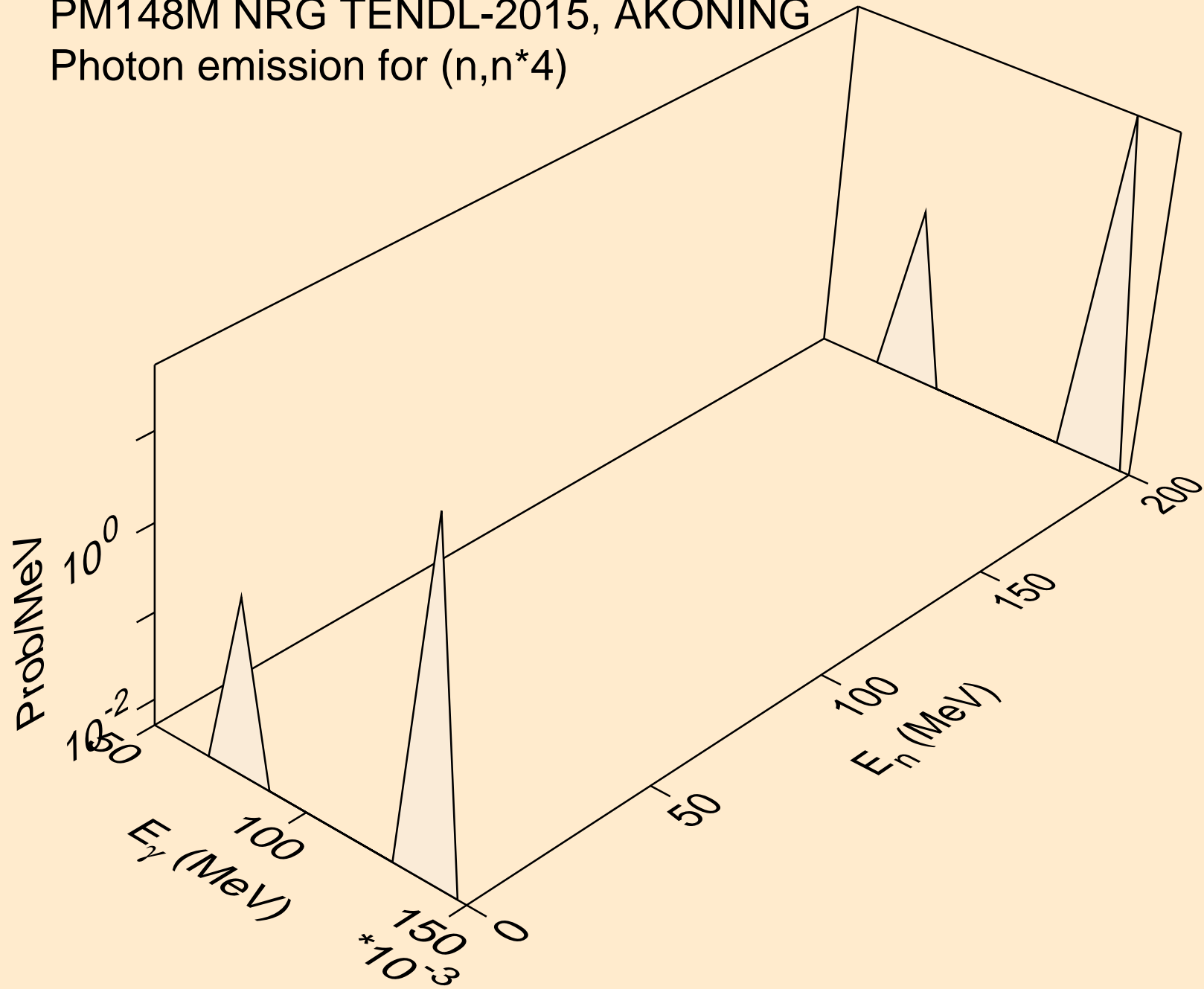
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)



PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)

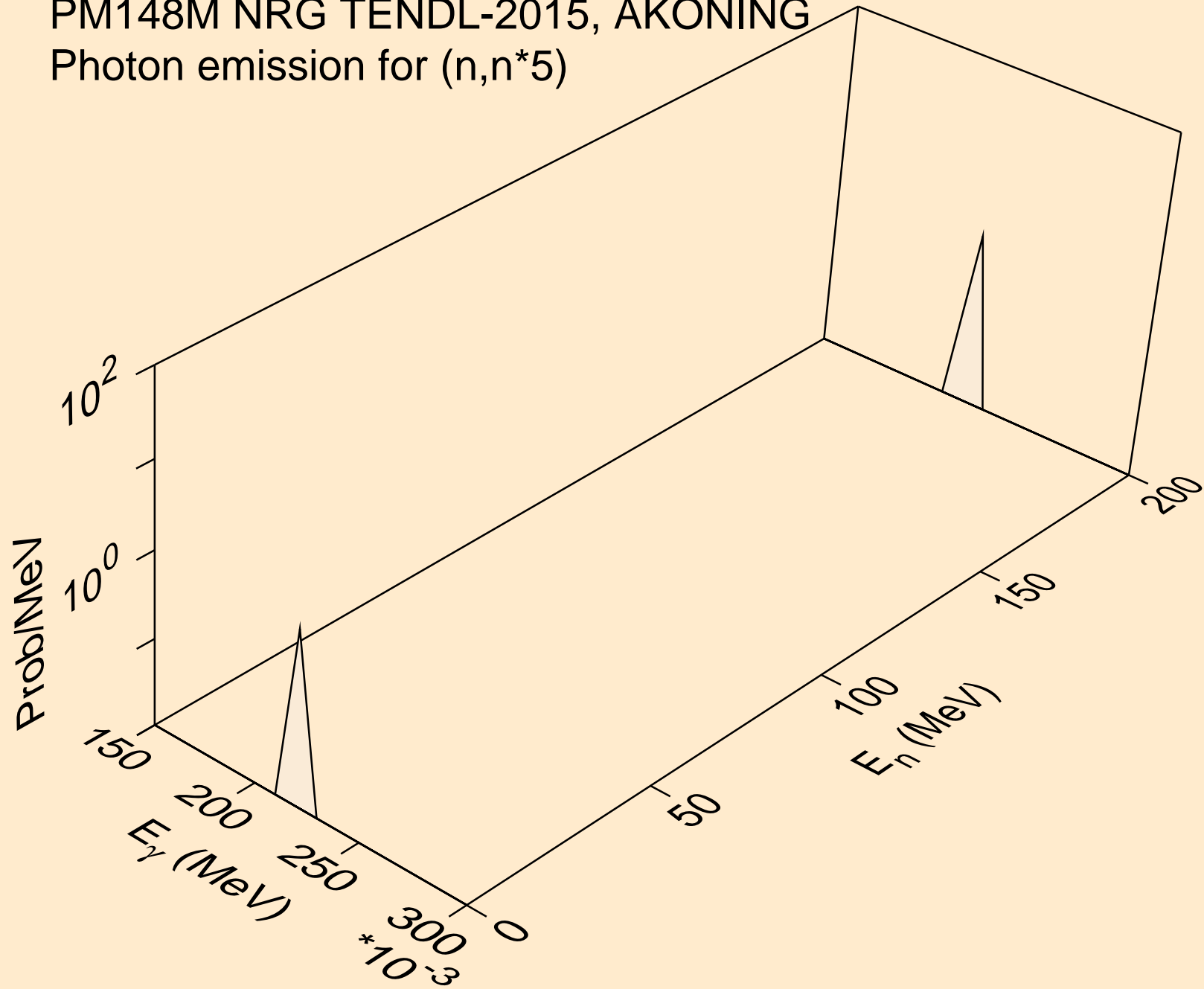


PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)

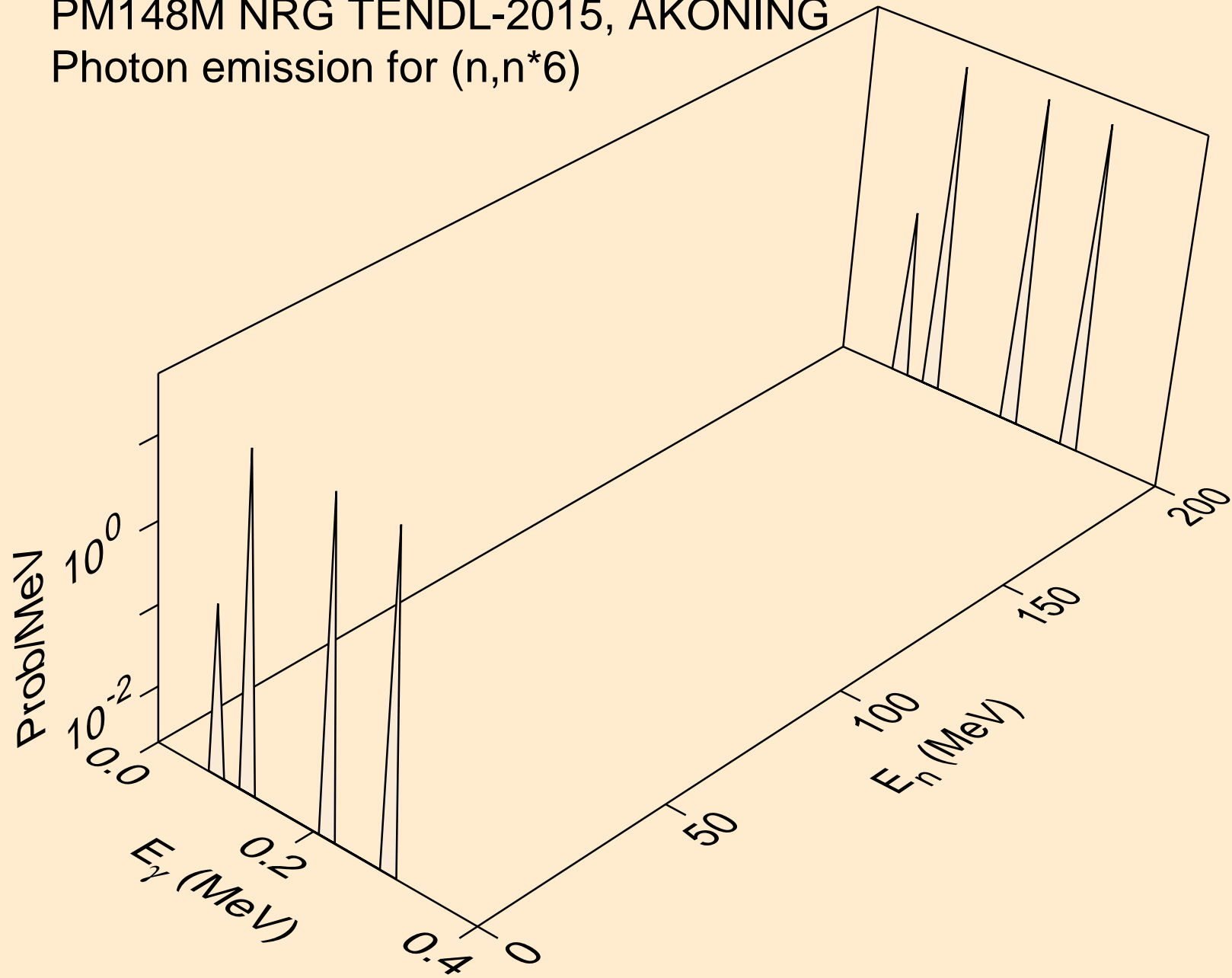




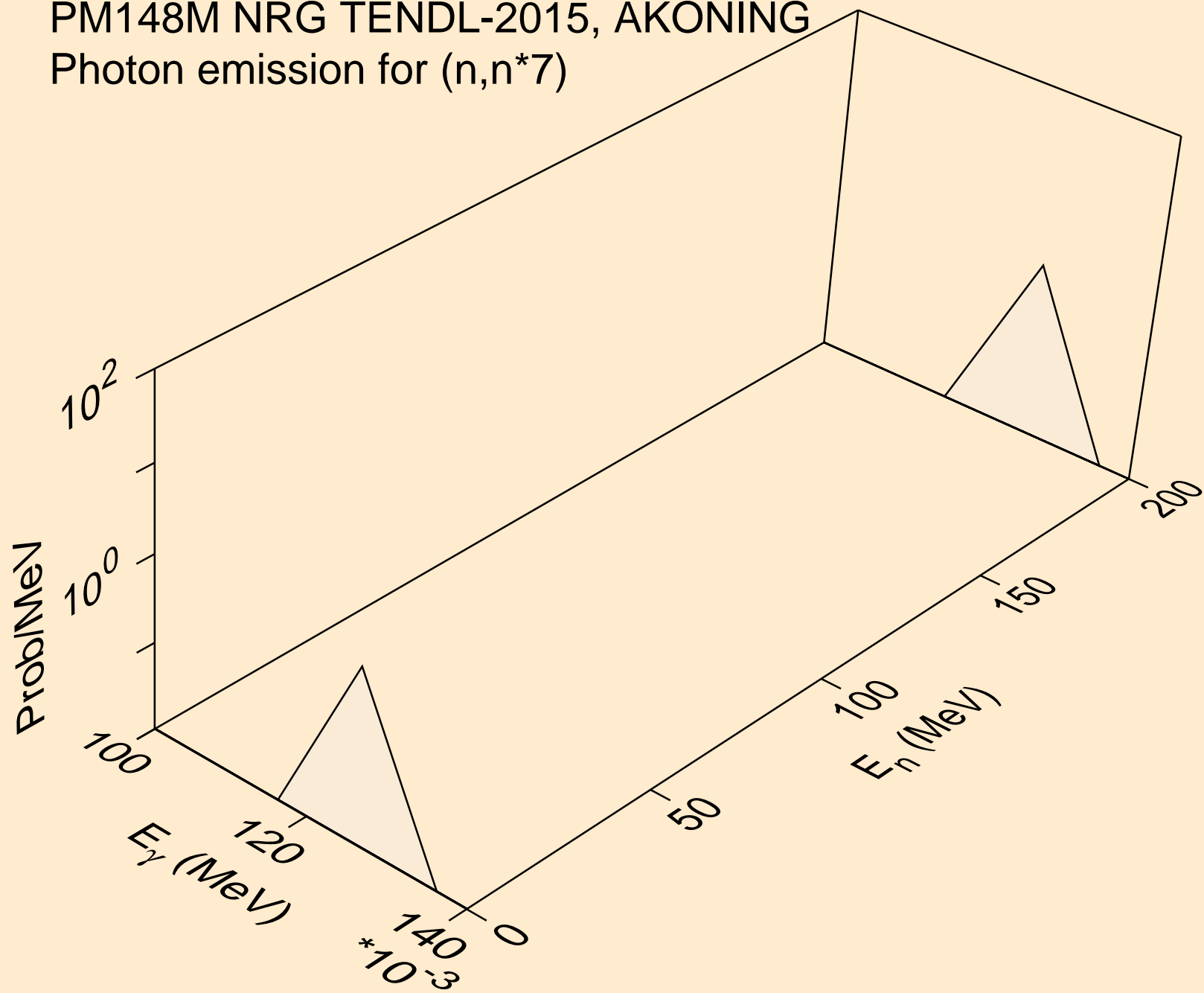
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



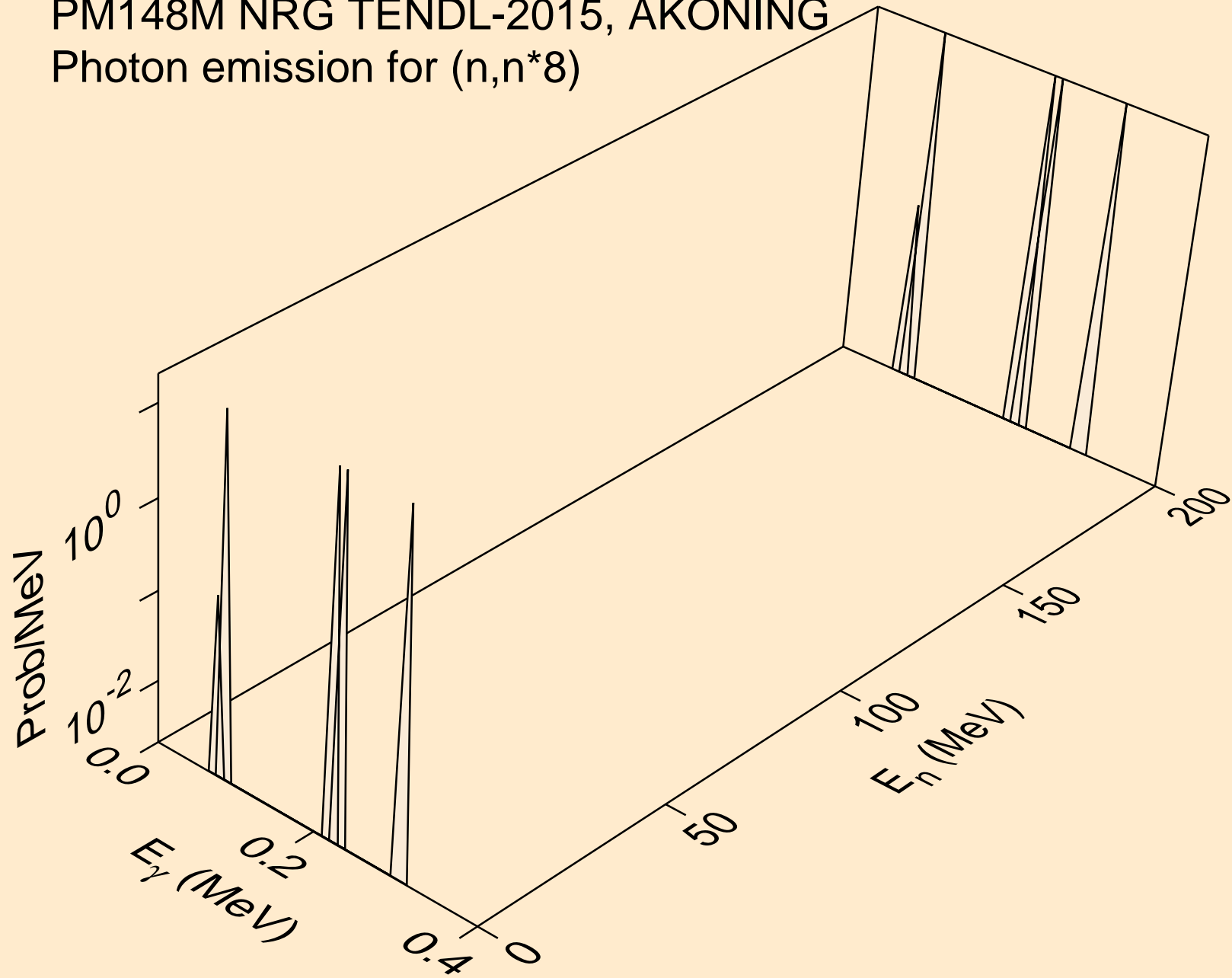
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)



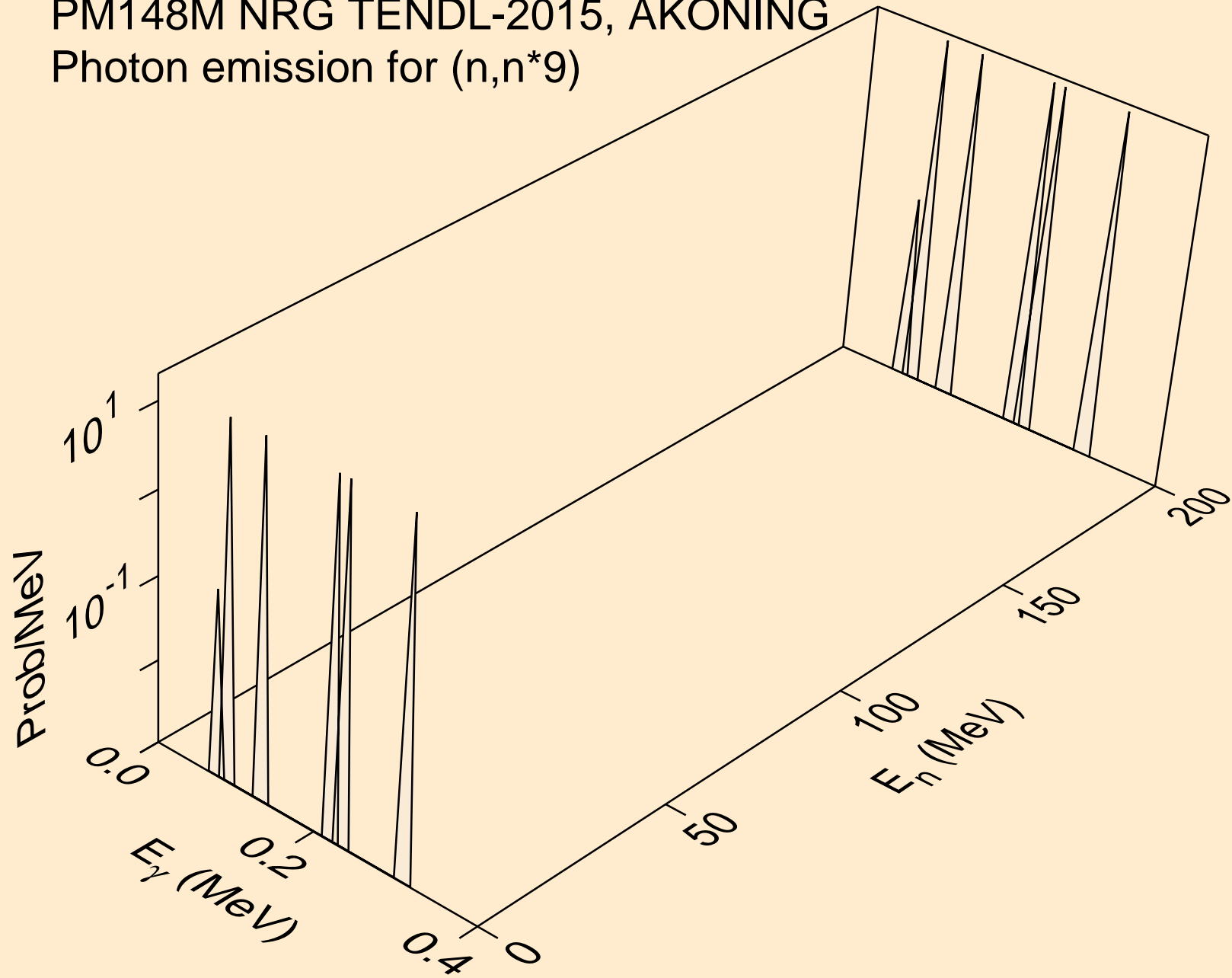
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



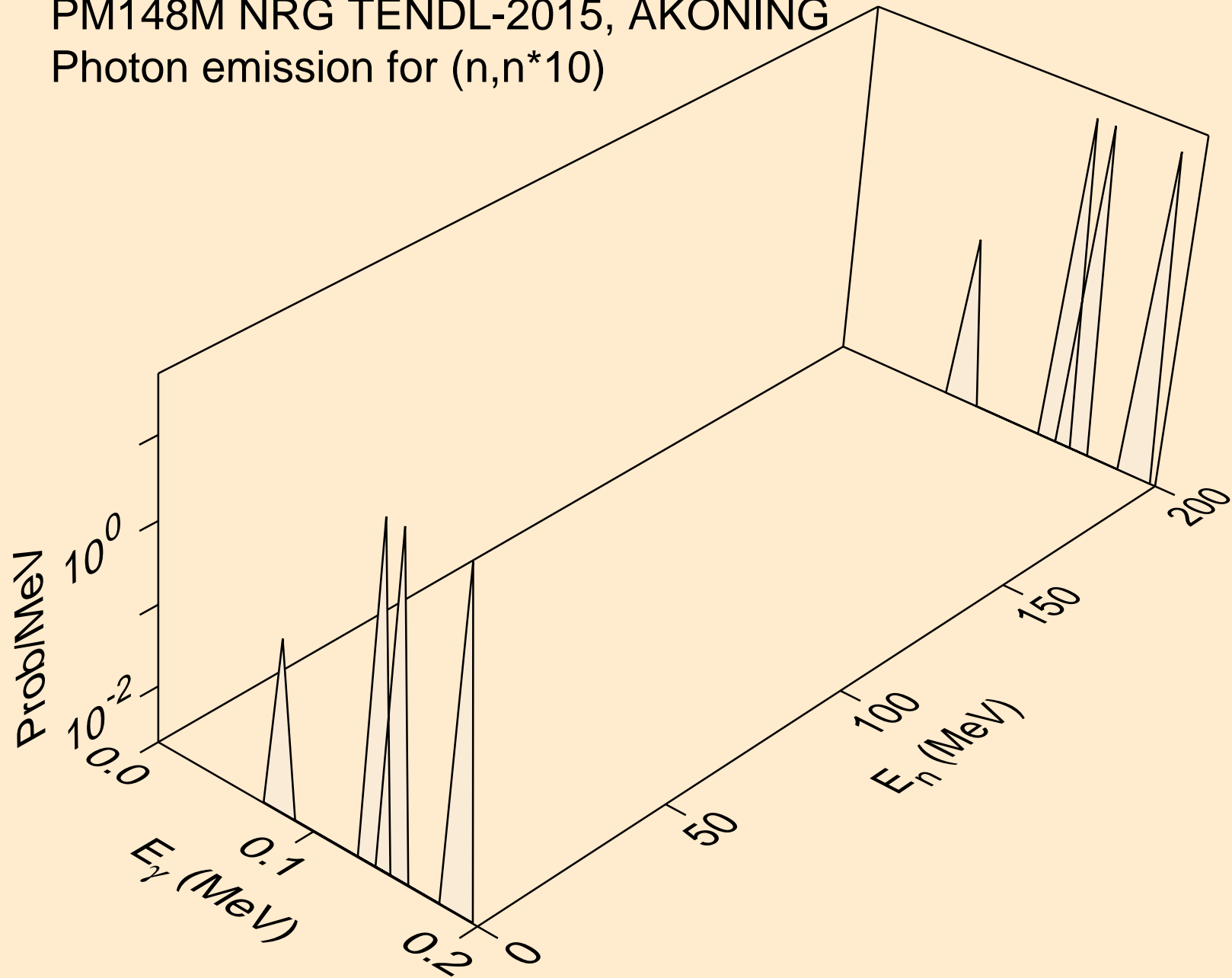
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)



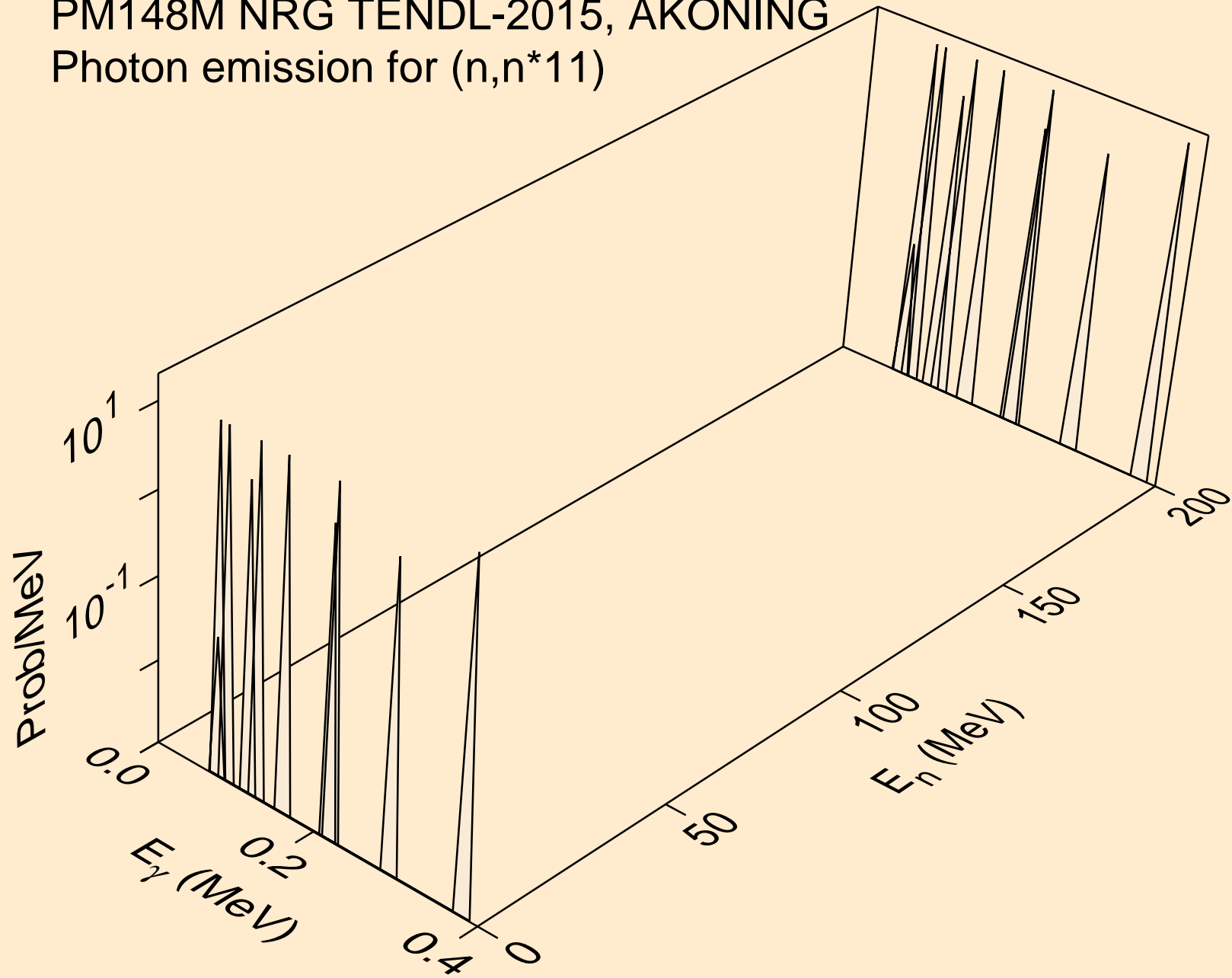
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)



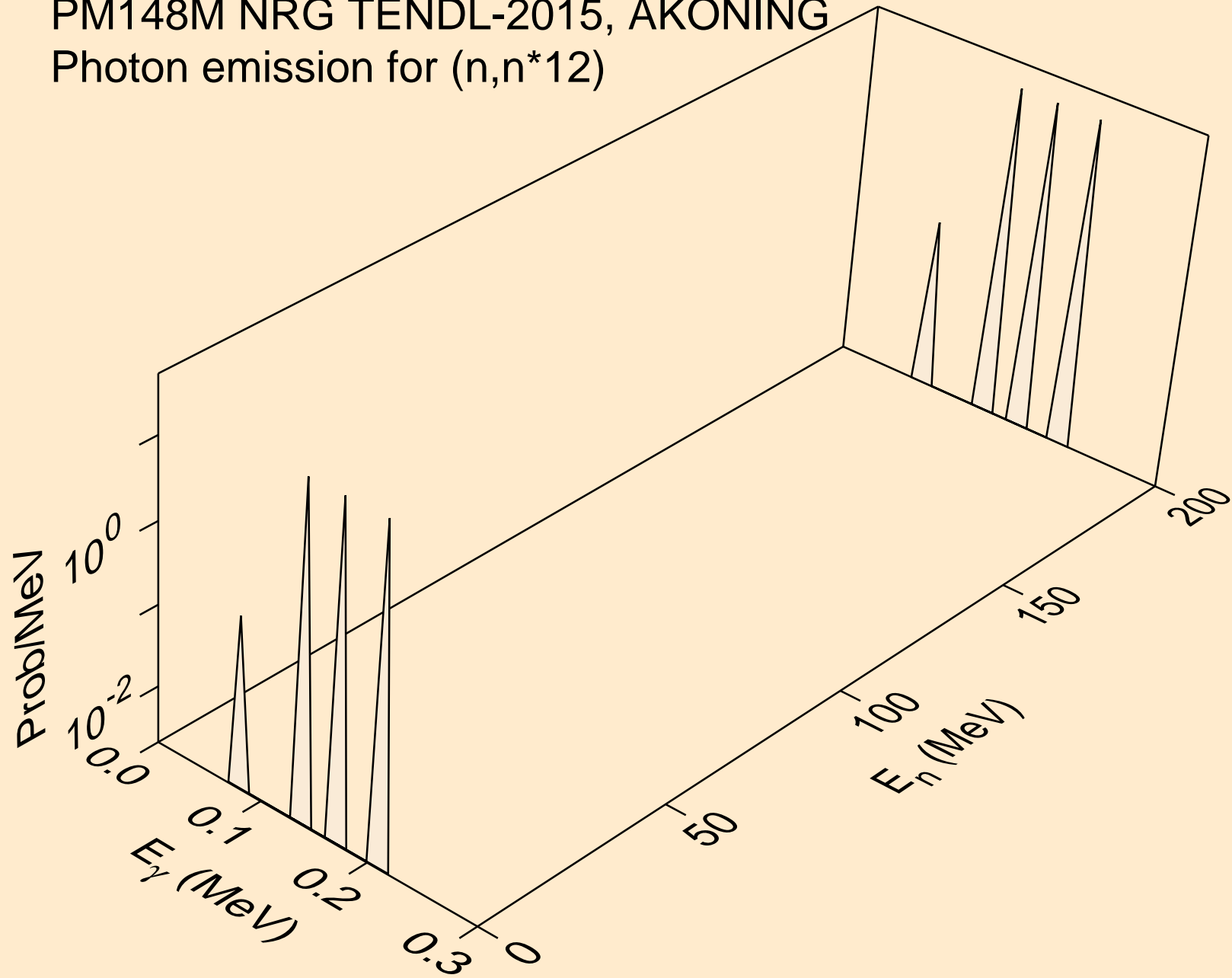
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)



PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)

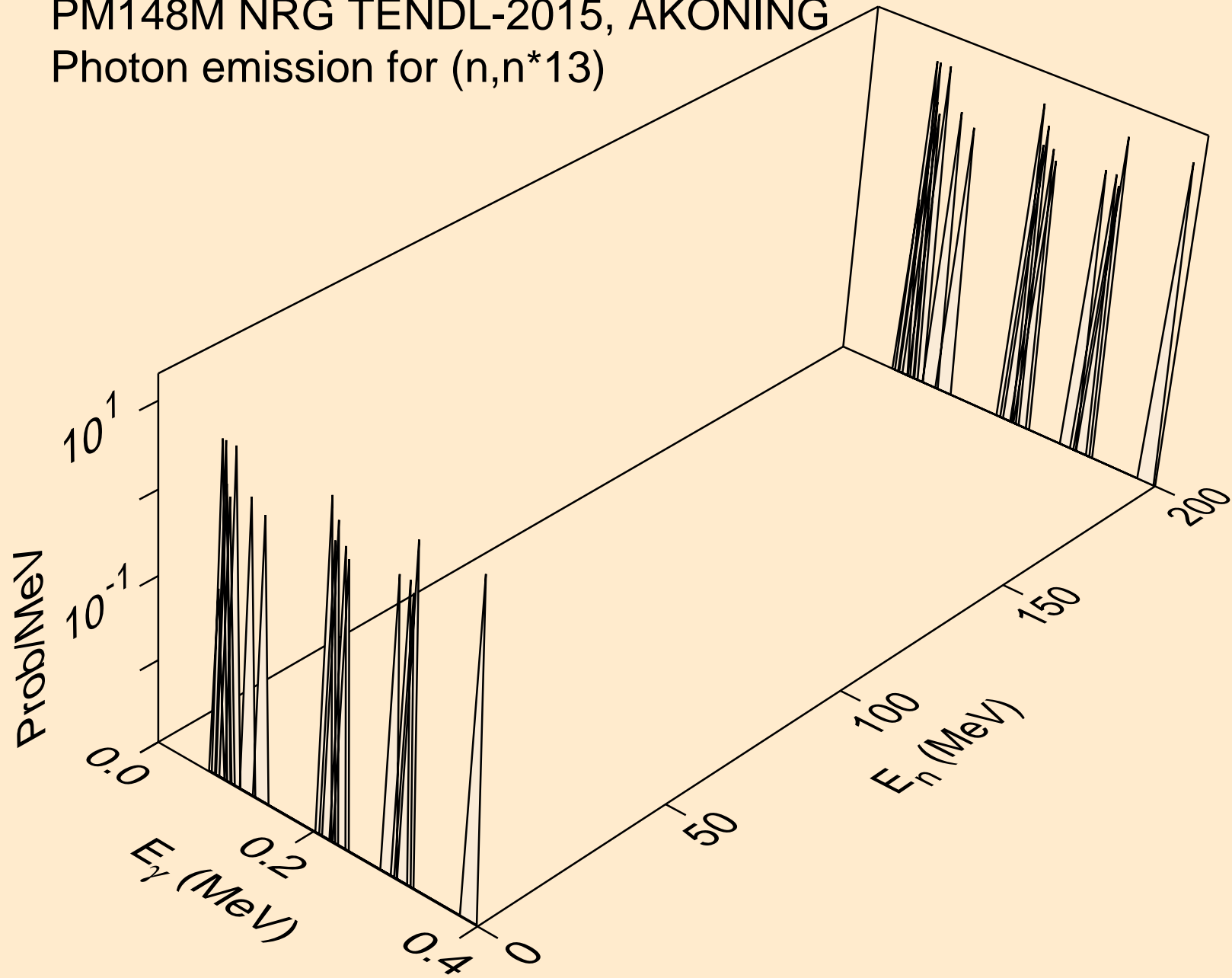


PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*12)

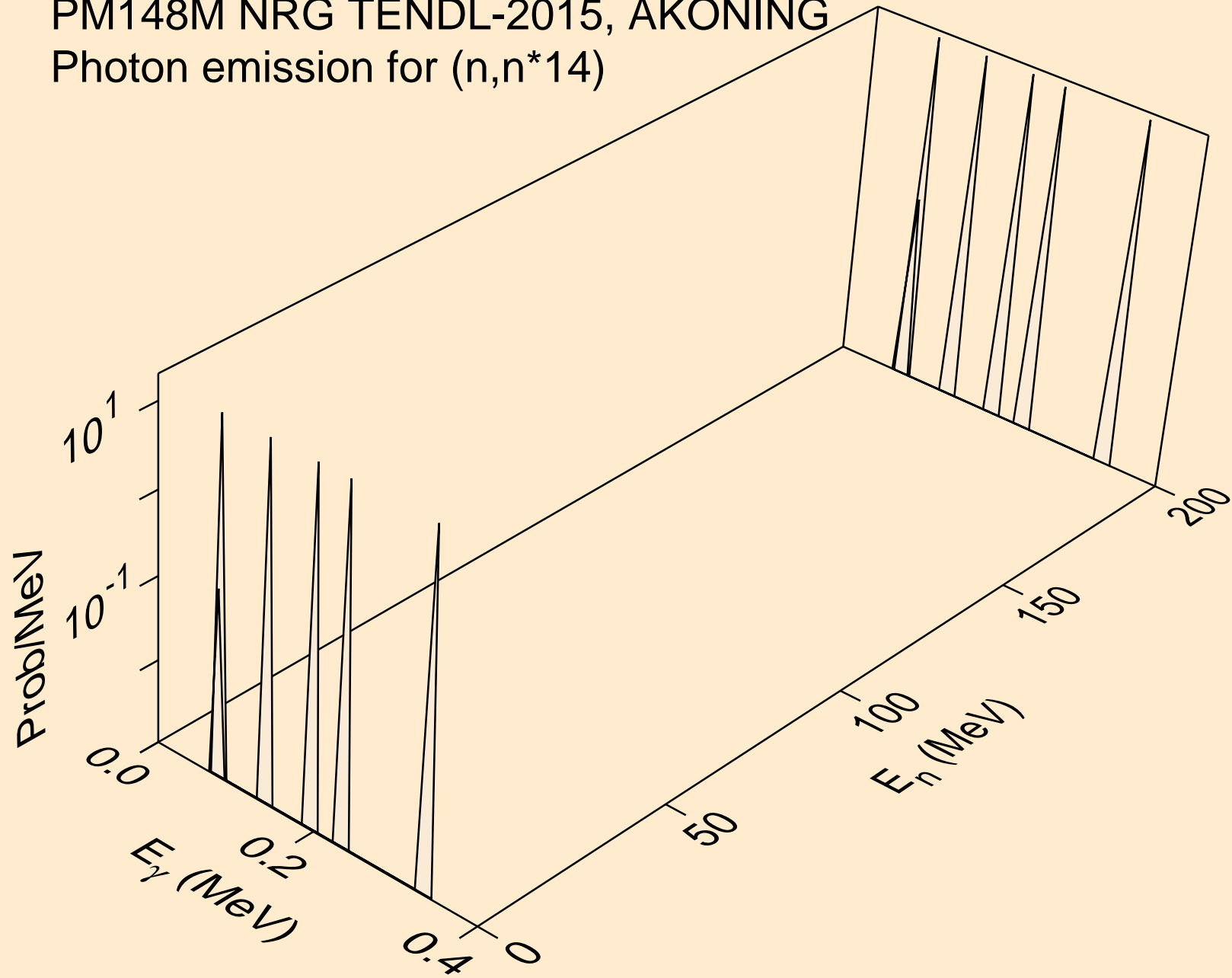




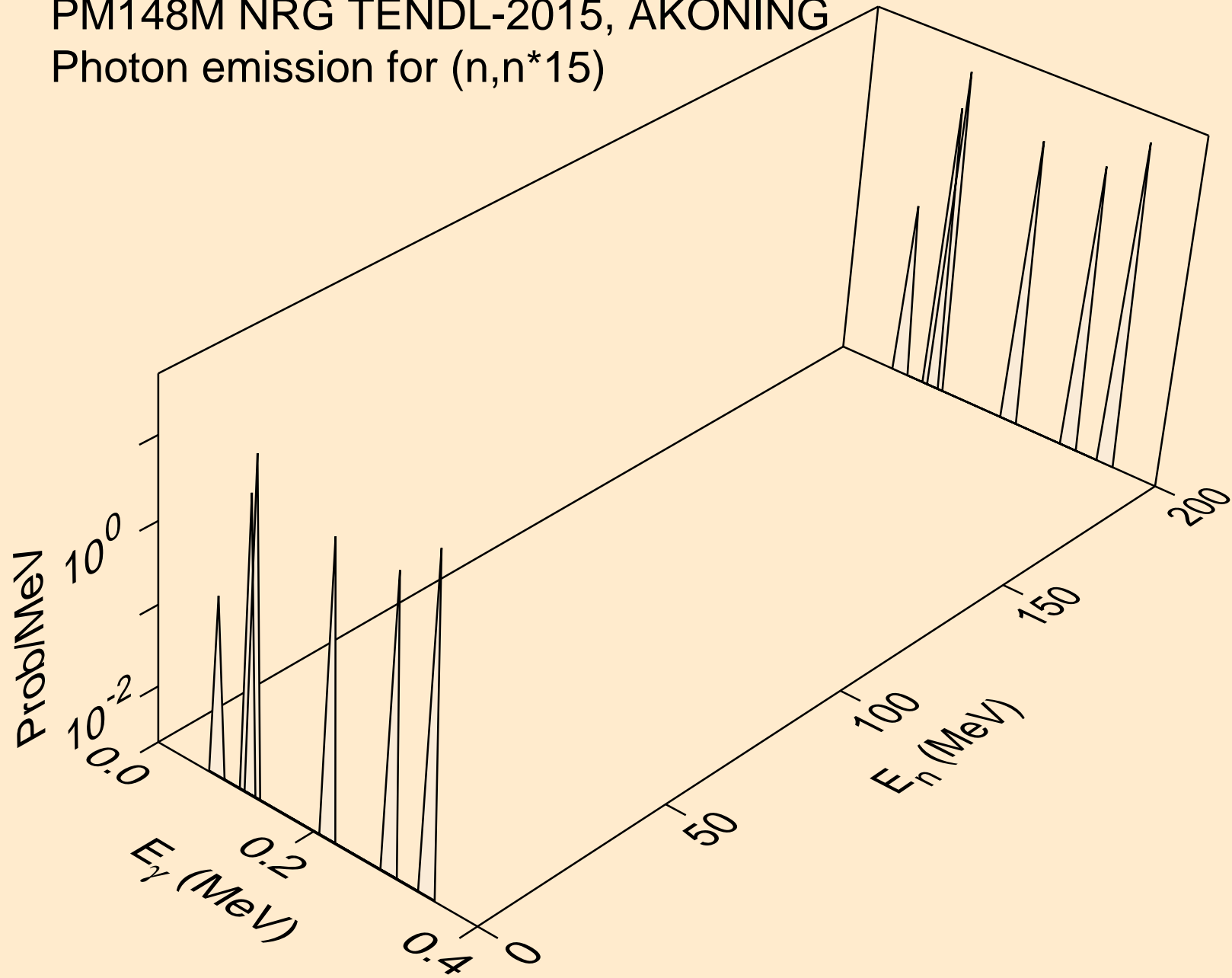
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)



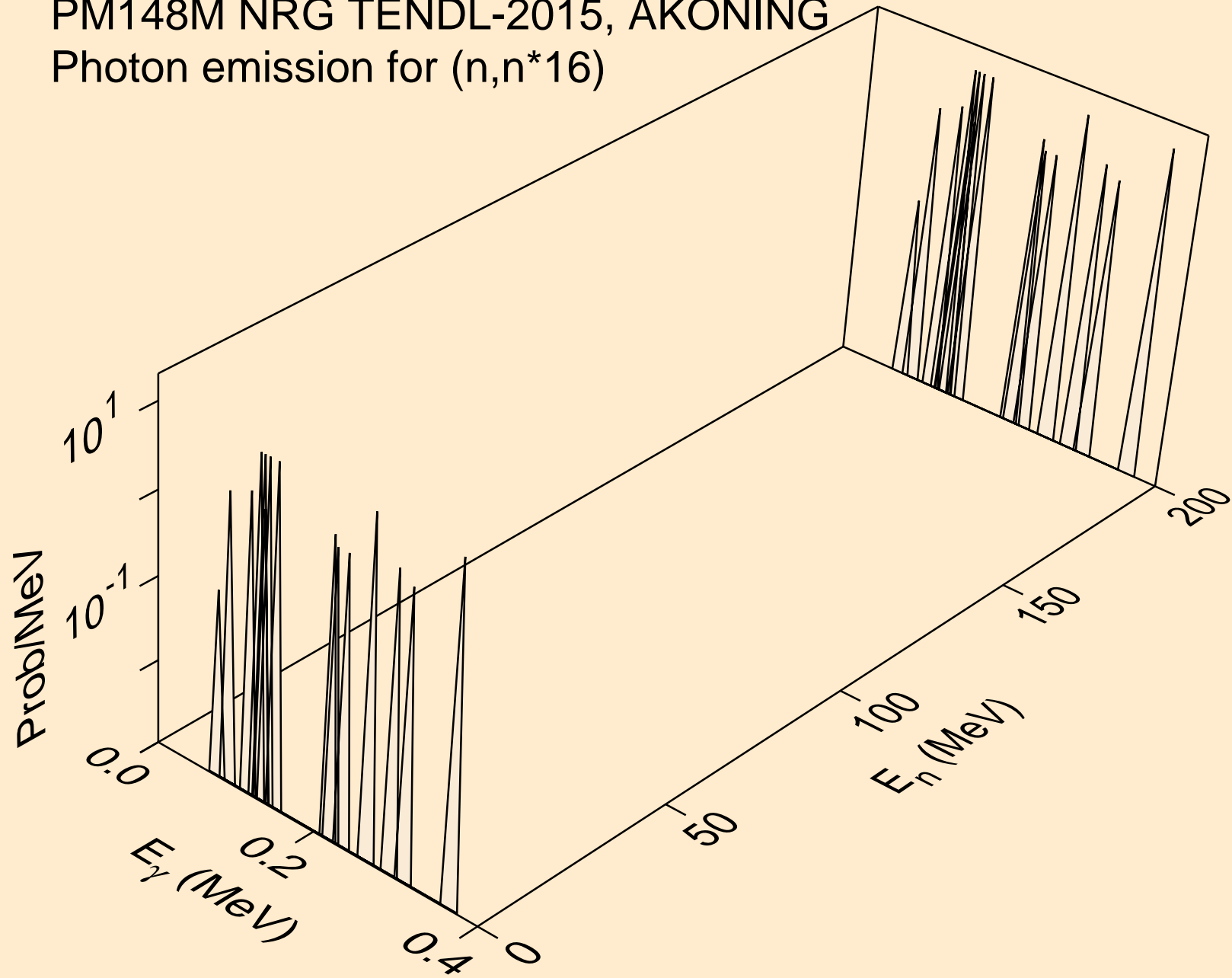
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*14)



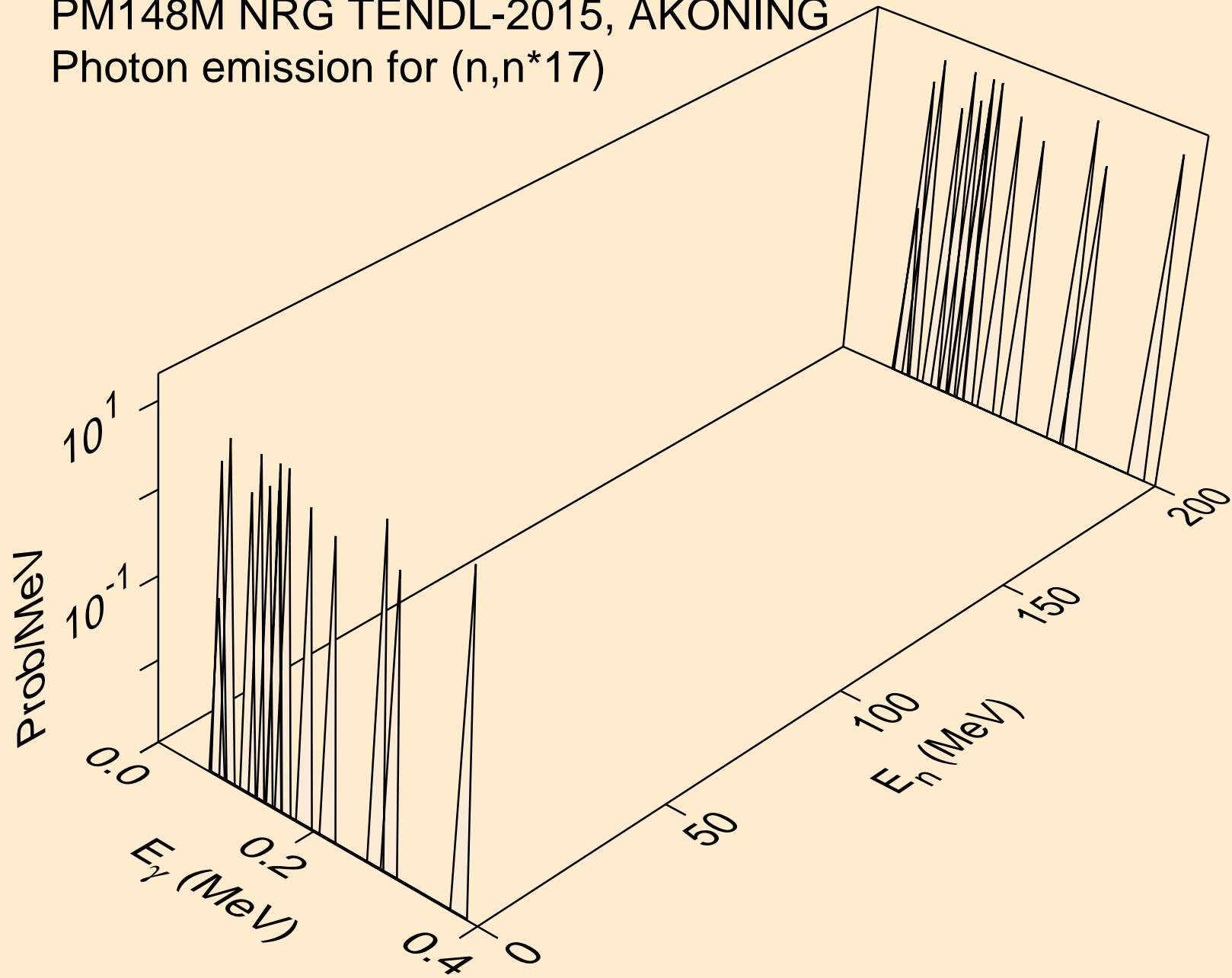
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)



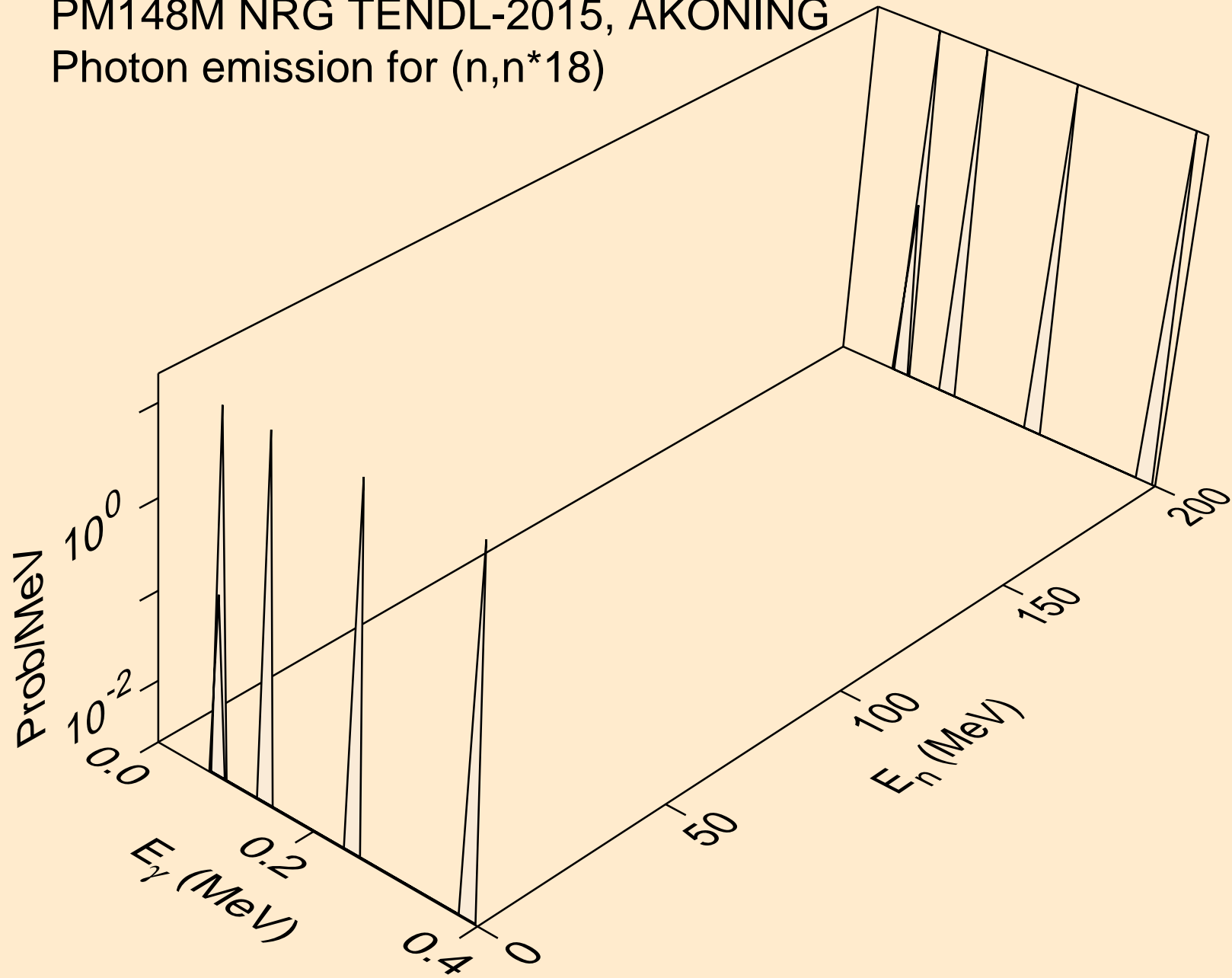
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*16)



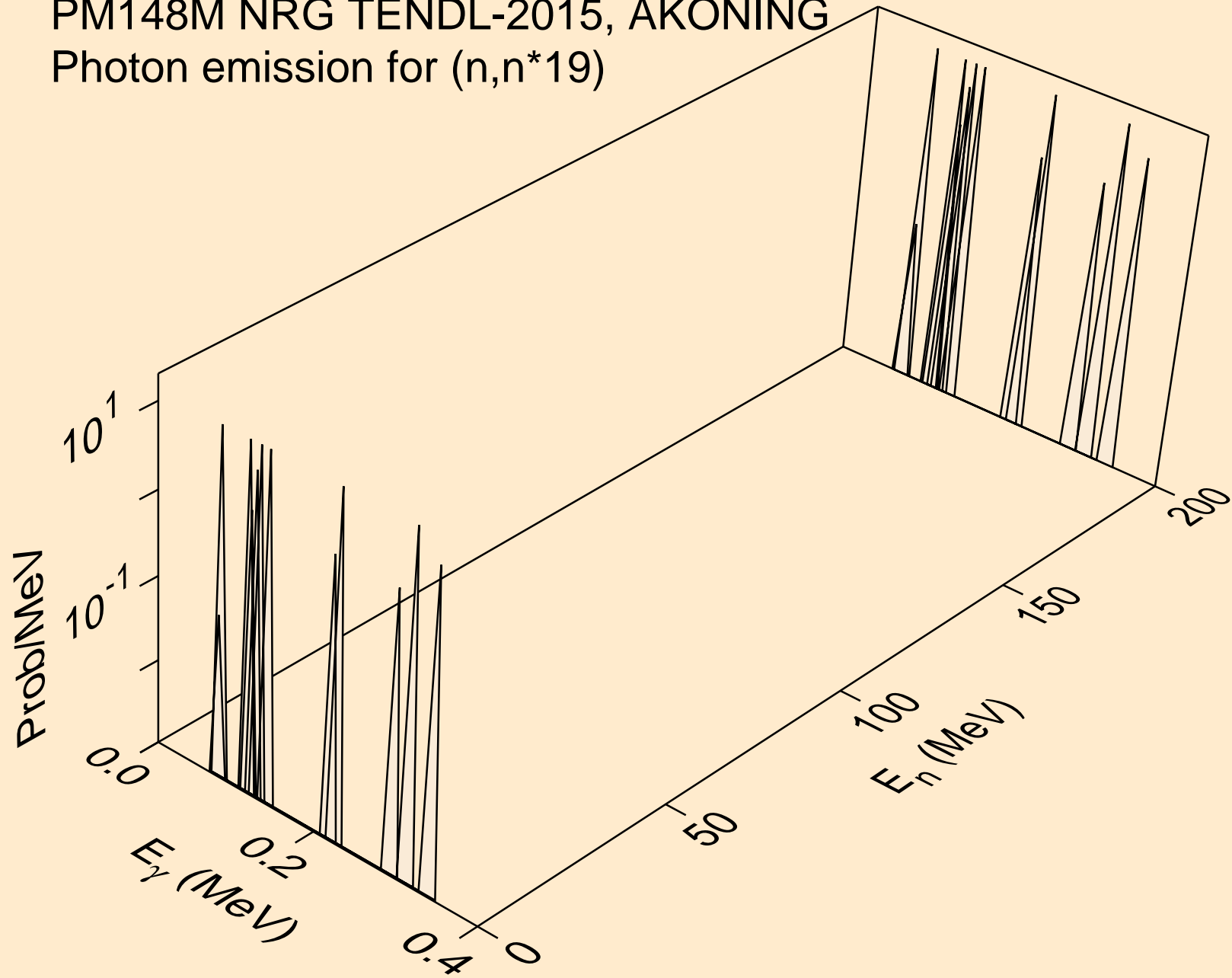
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*17)



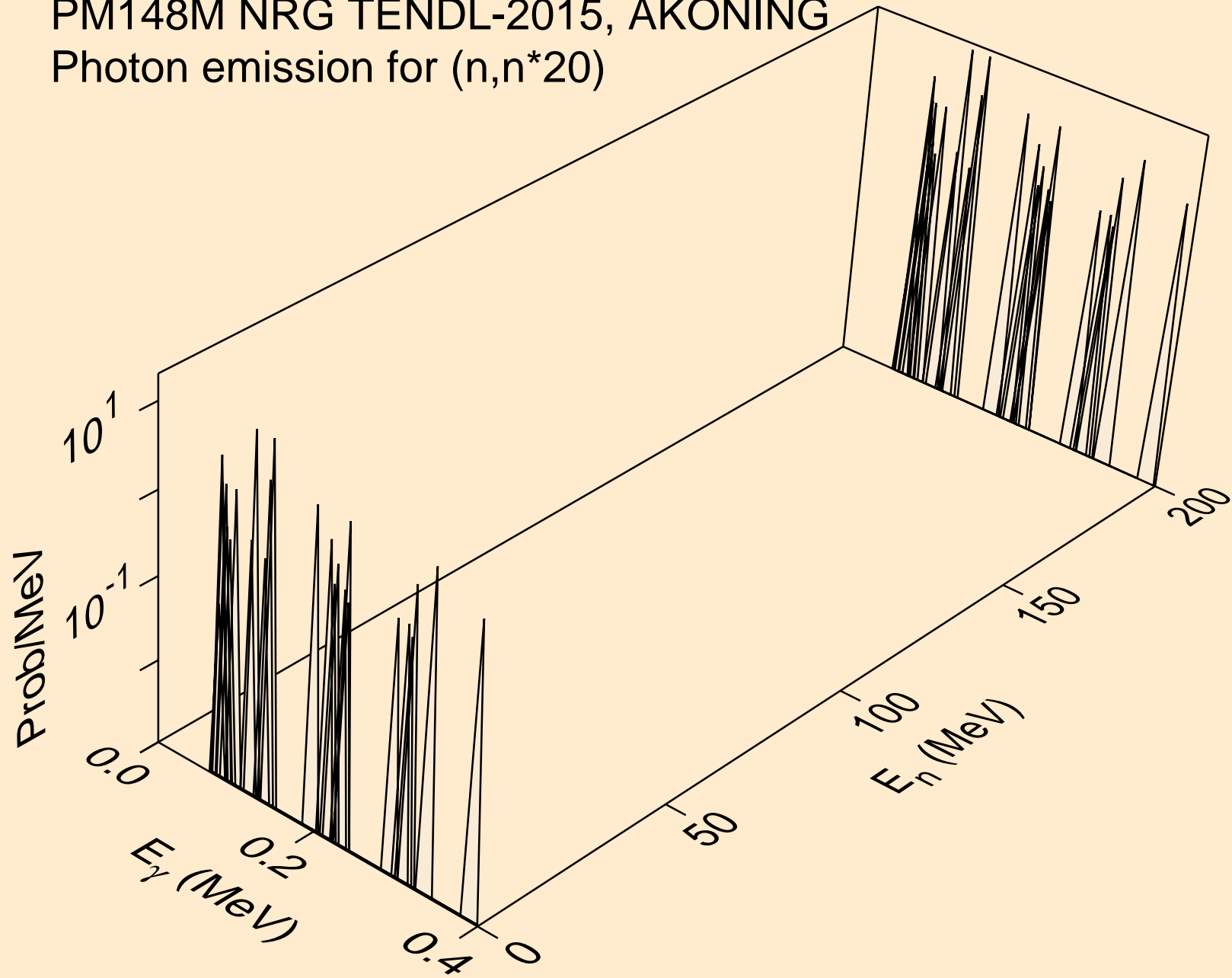
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)



PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)

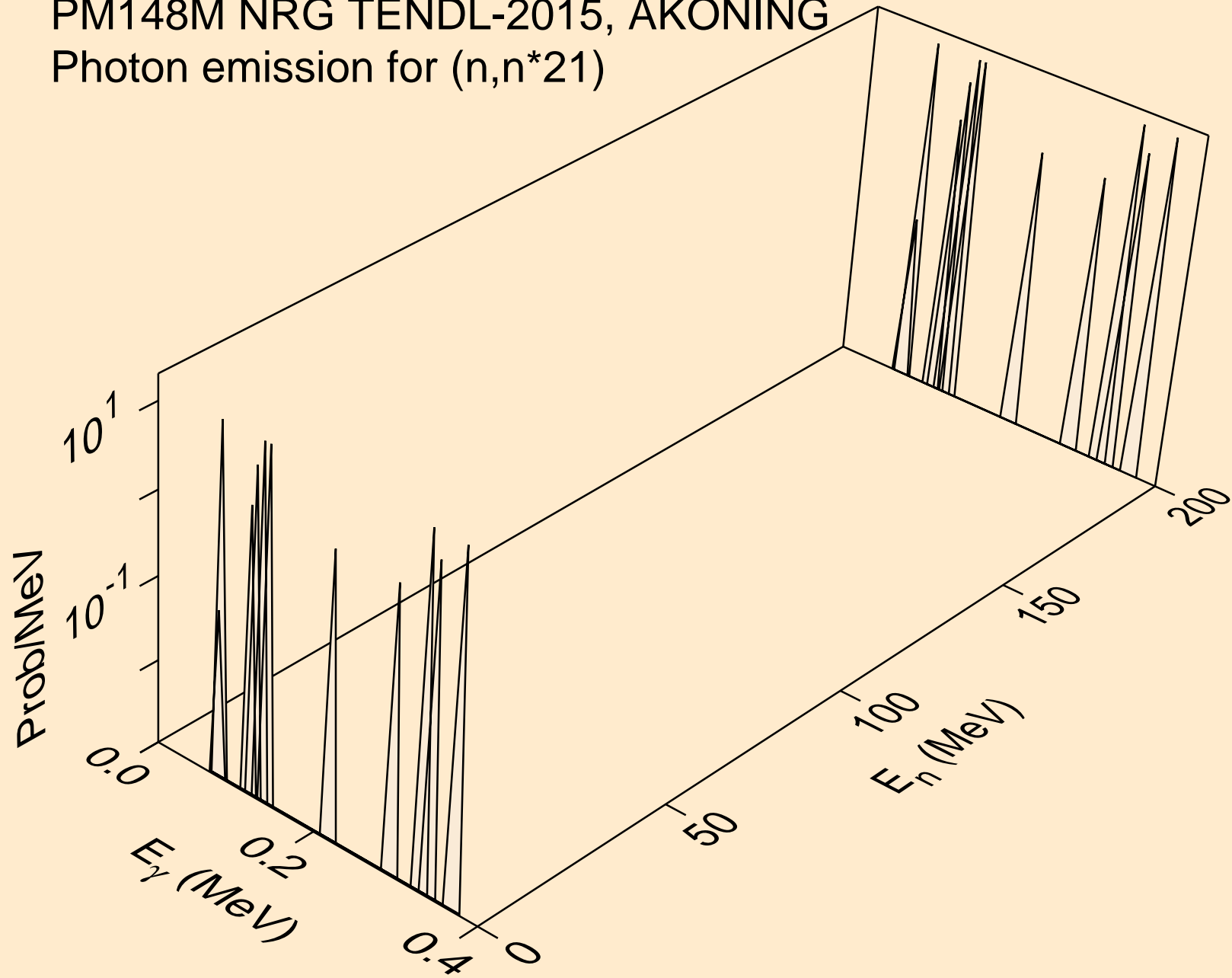


PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*20)

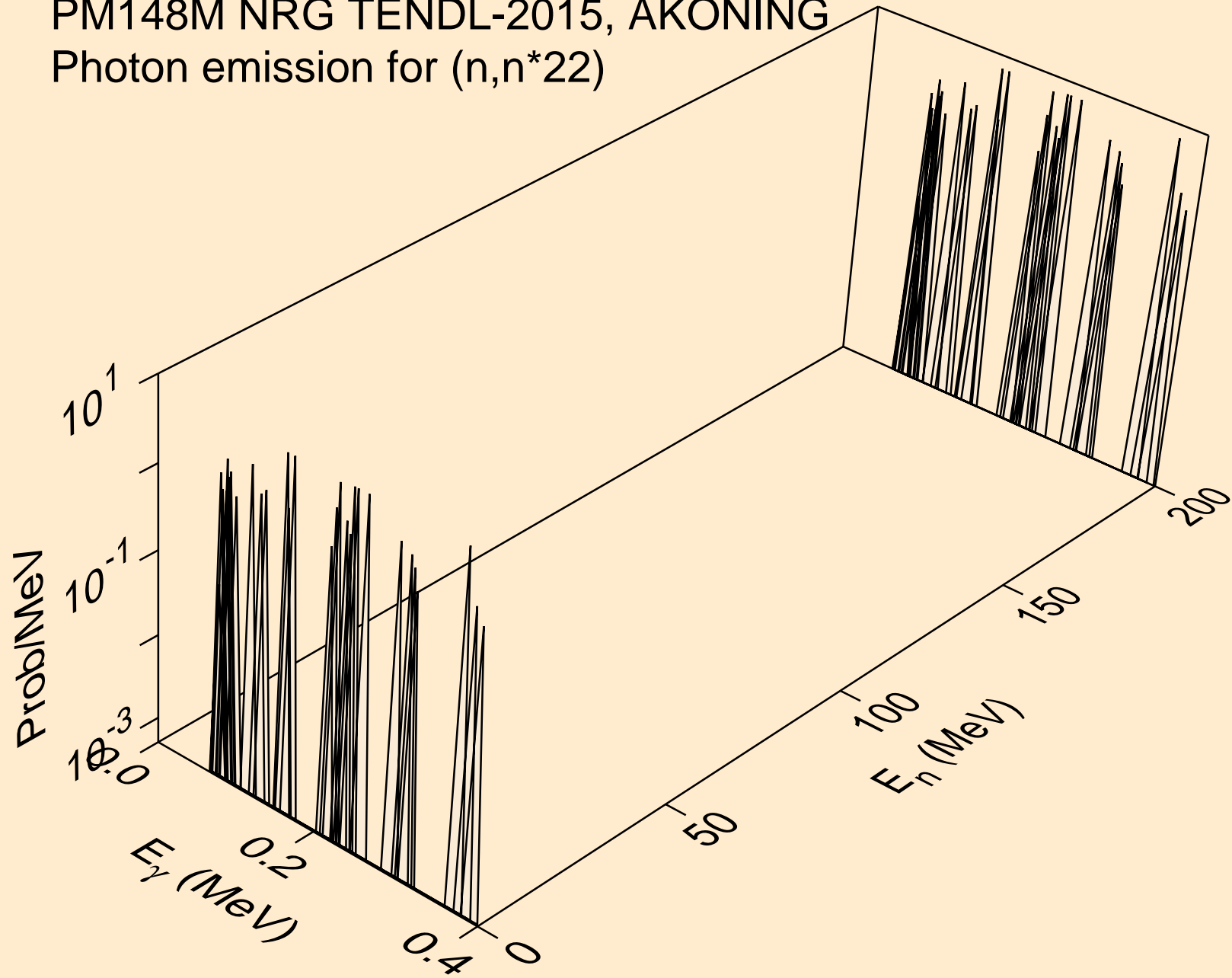




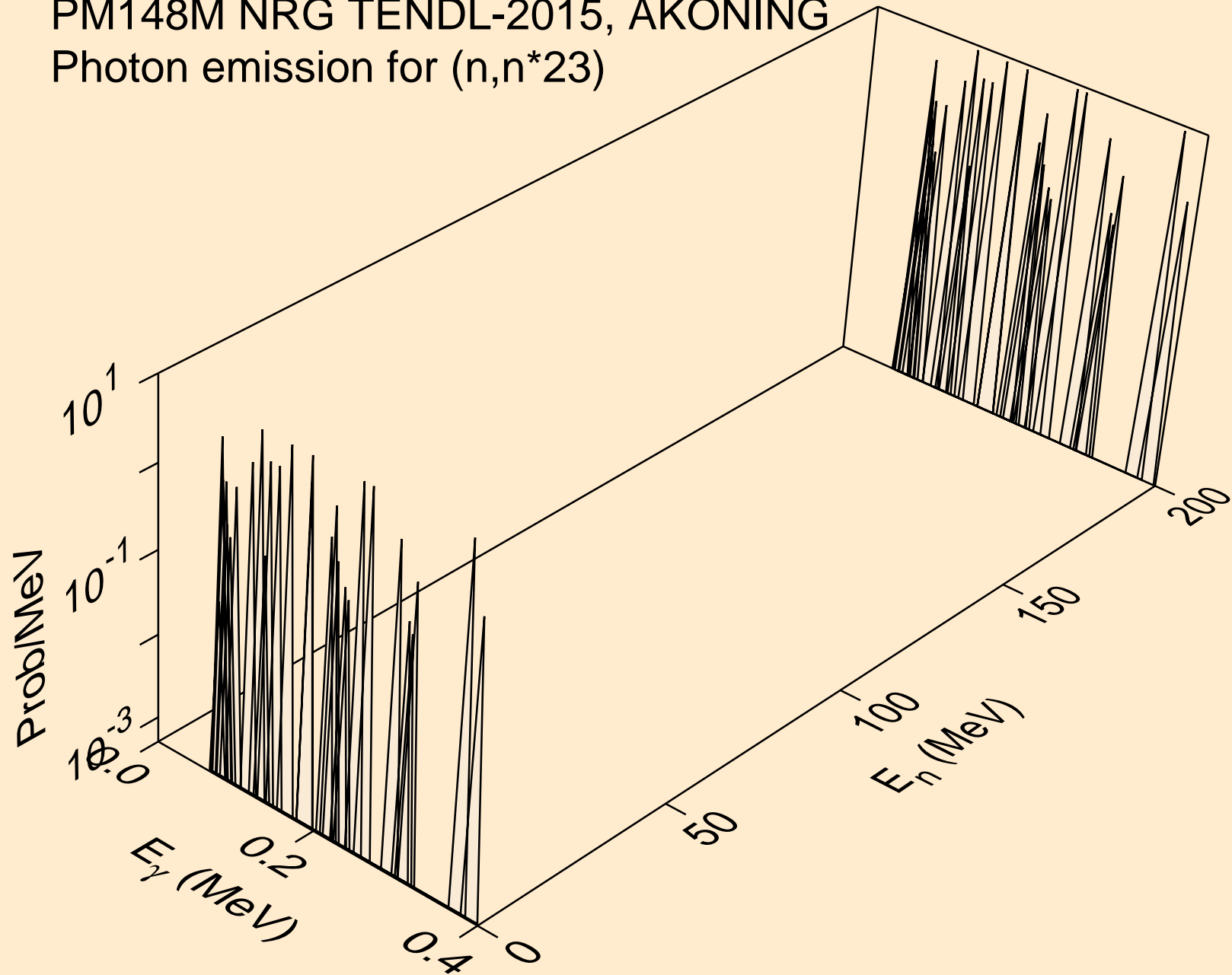
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)



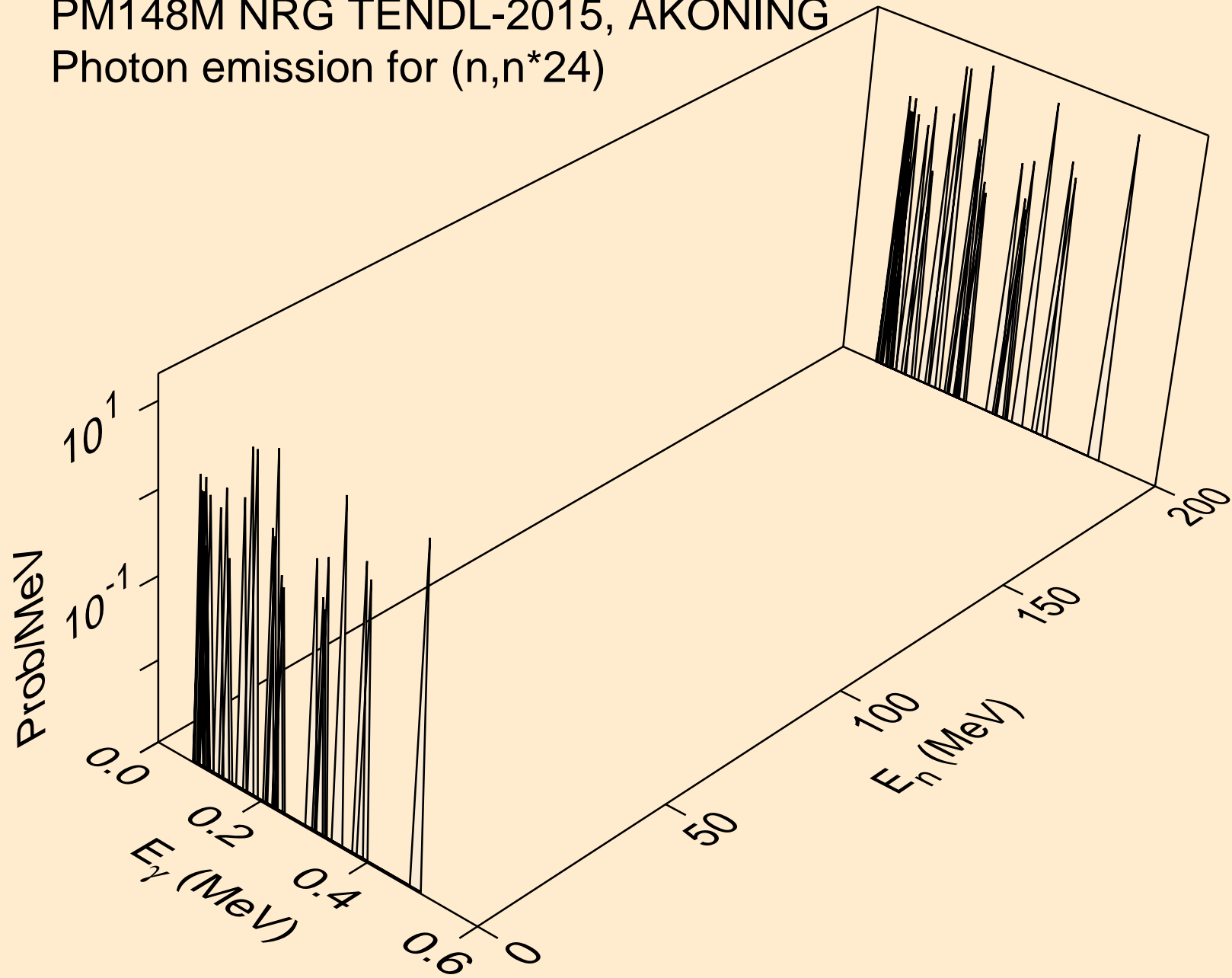
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*22)



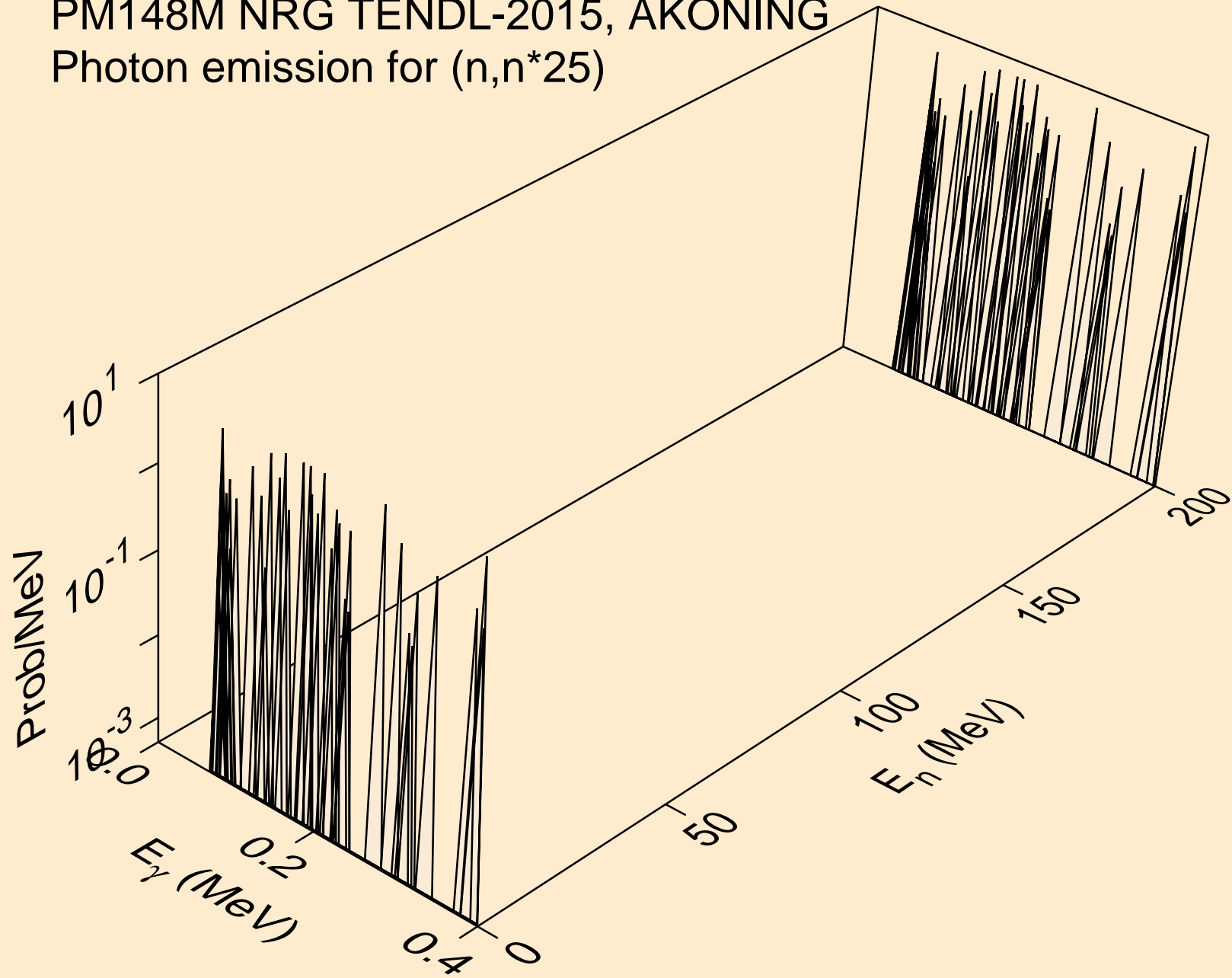
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*23)



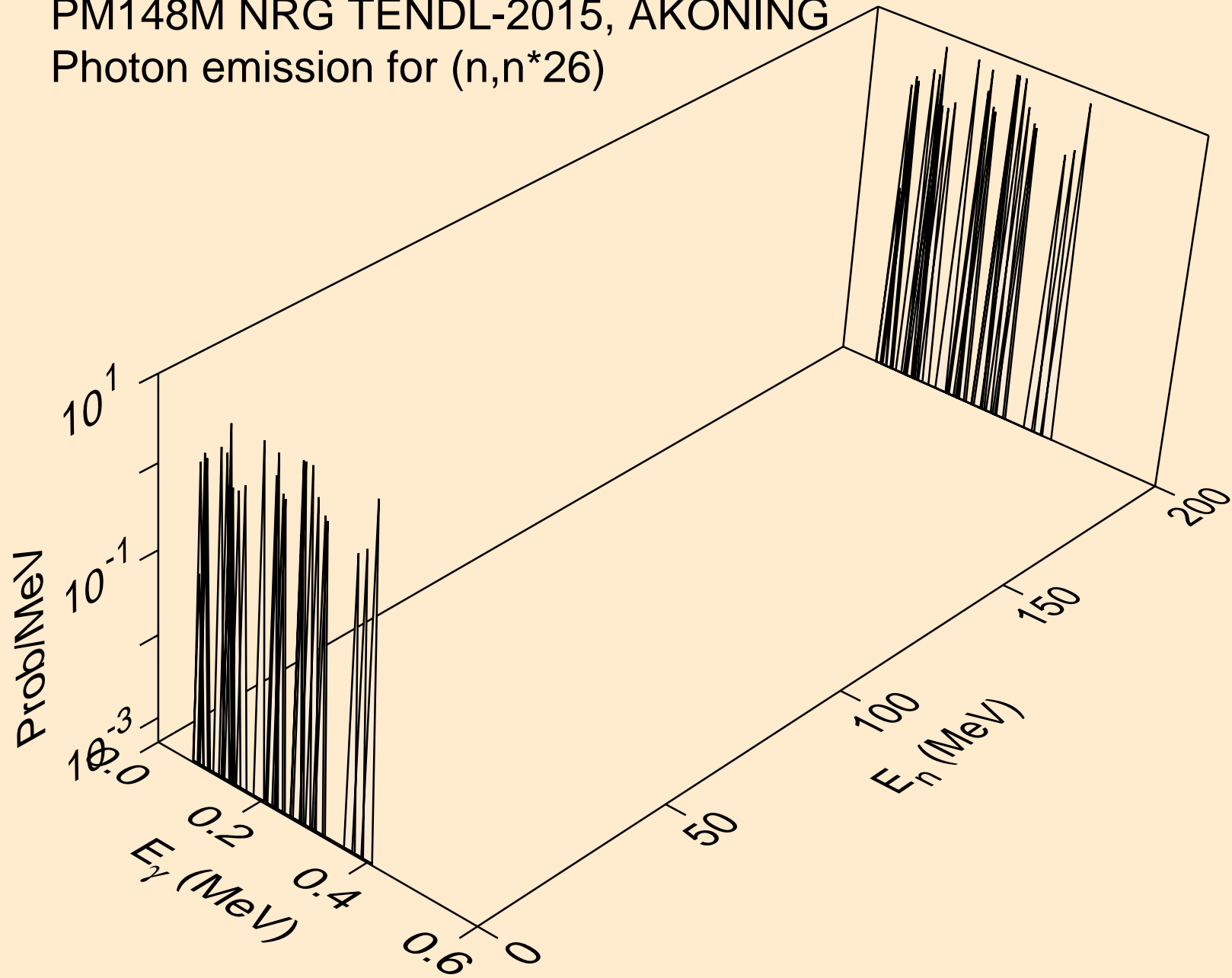
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*24)



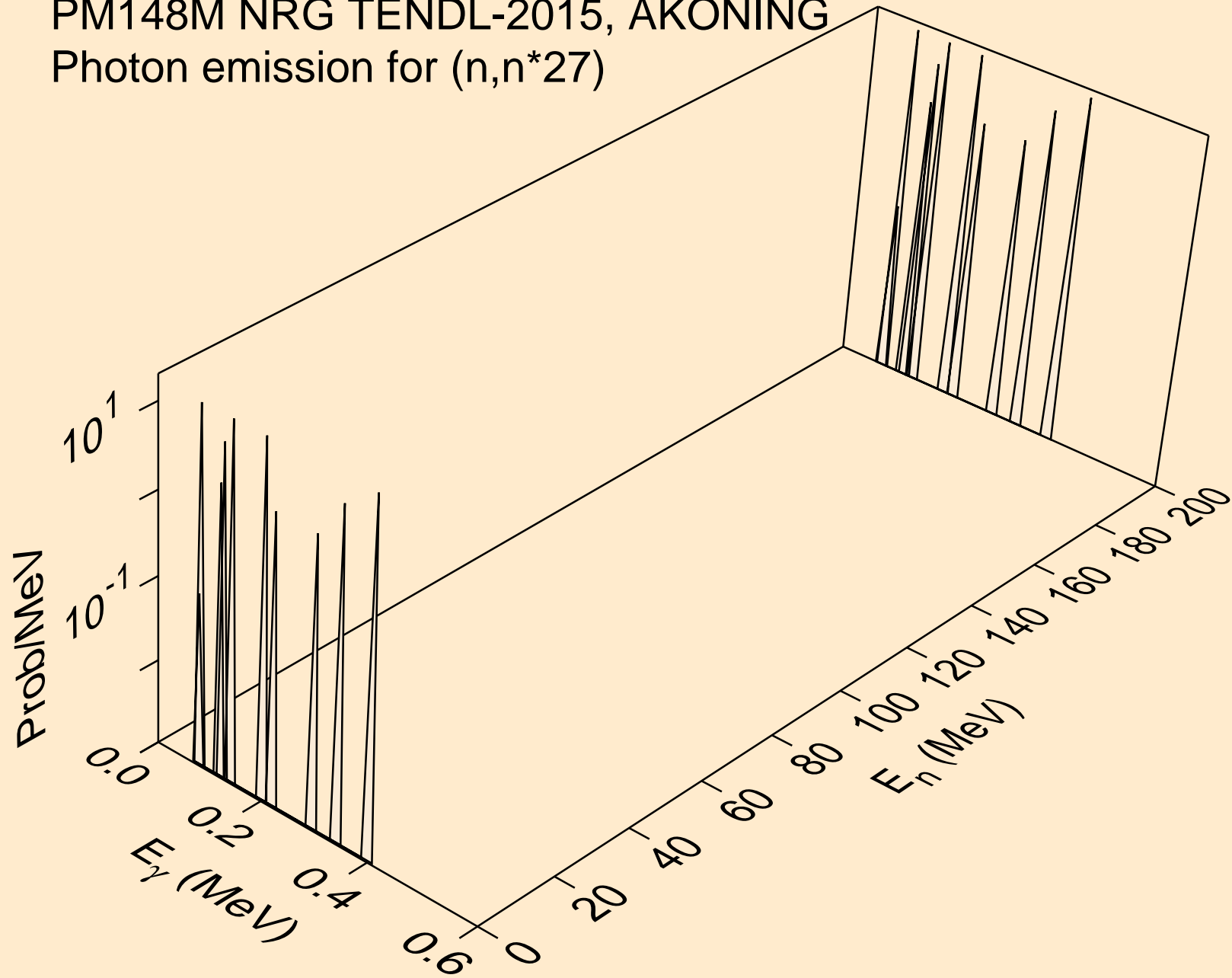
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)



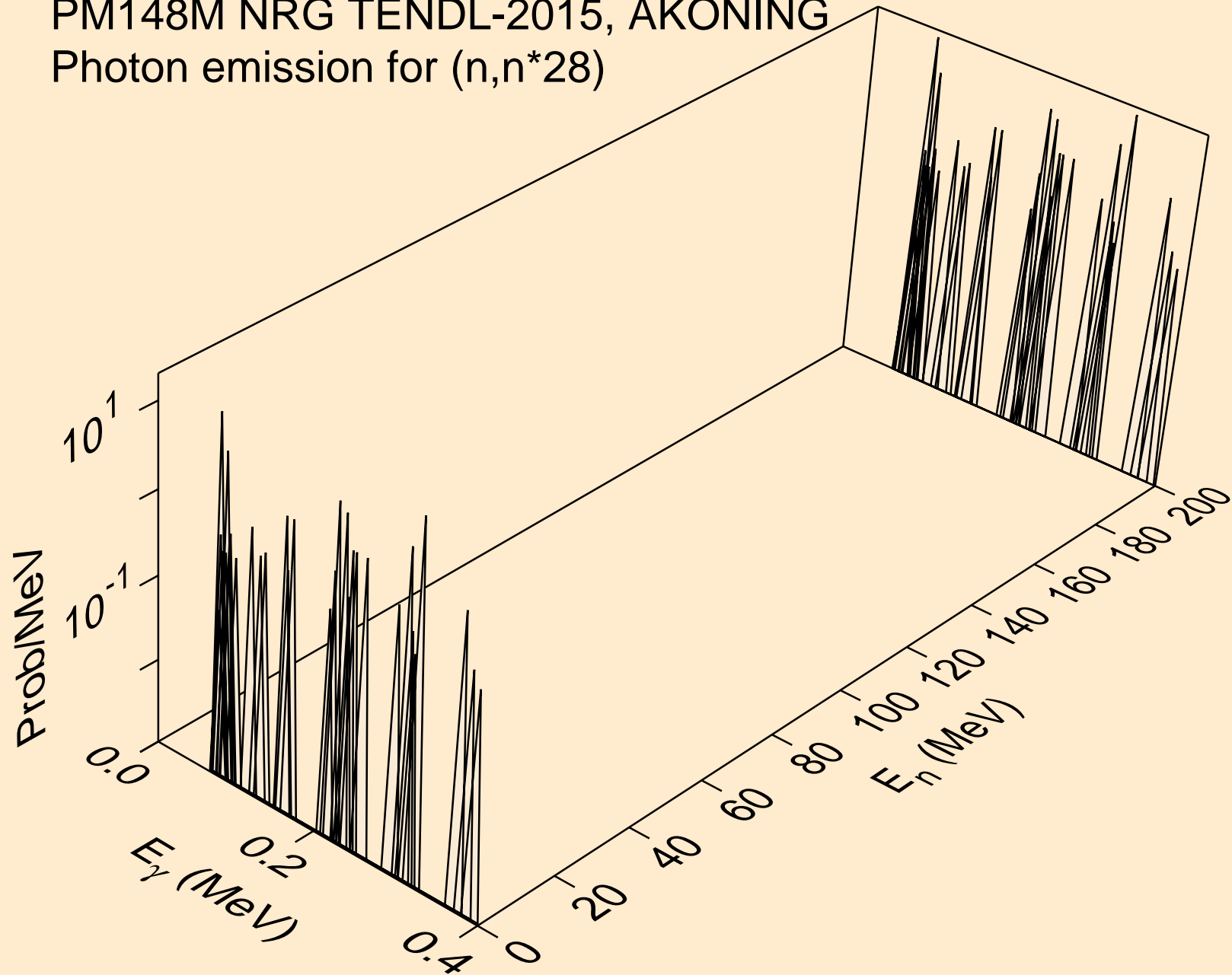
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)



PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*27)

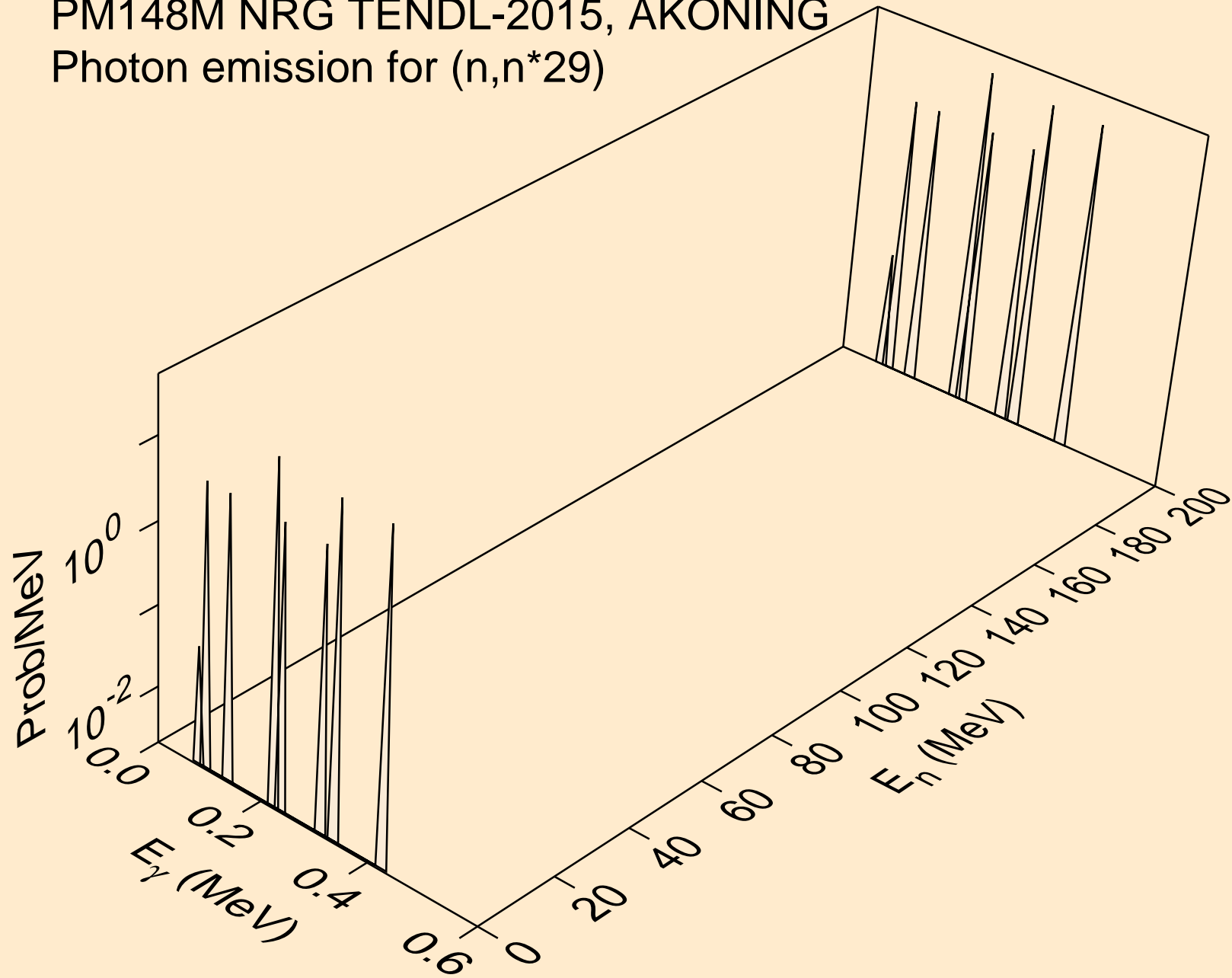


PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*28)

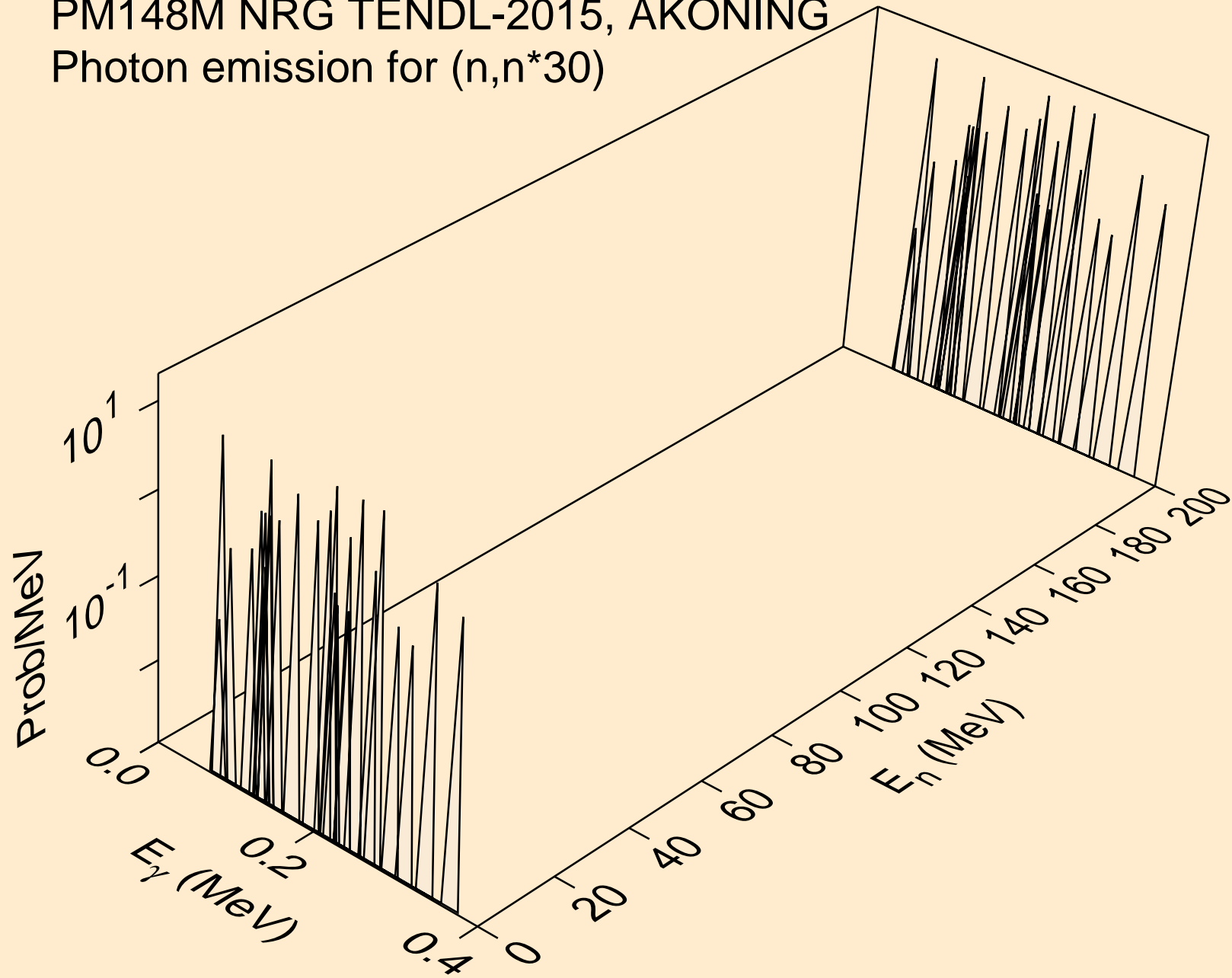




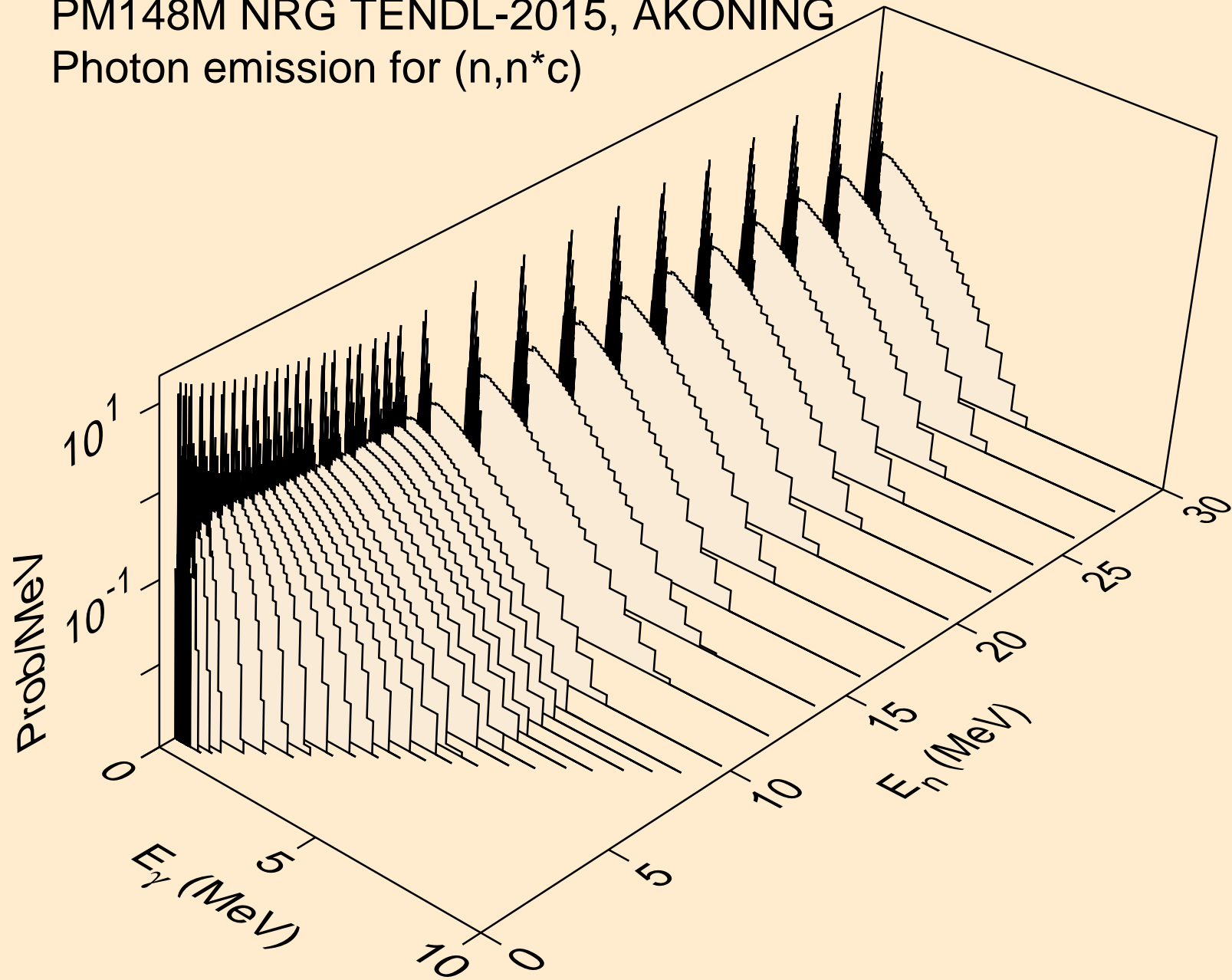
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*29)



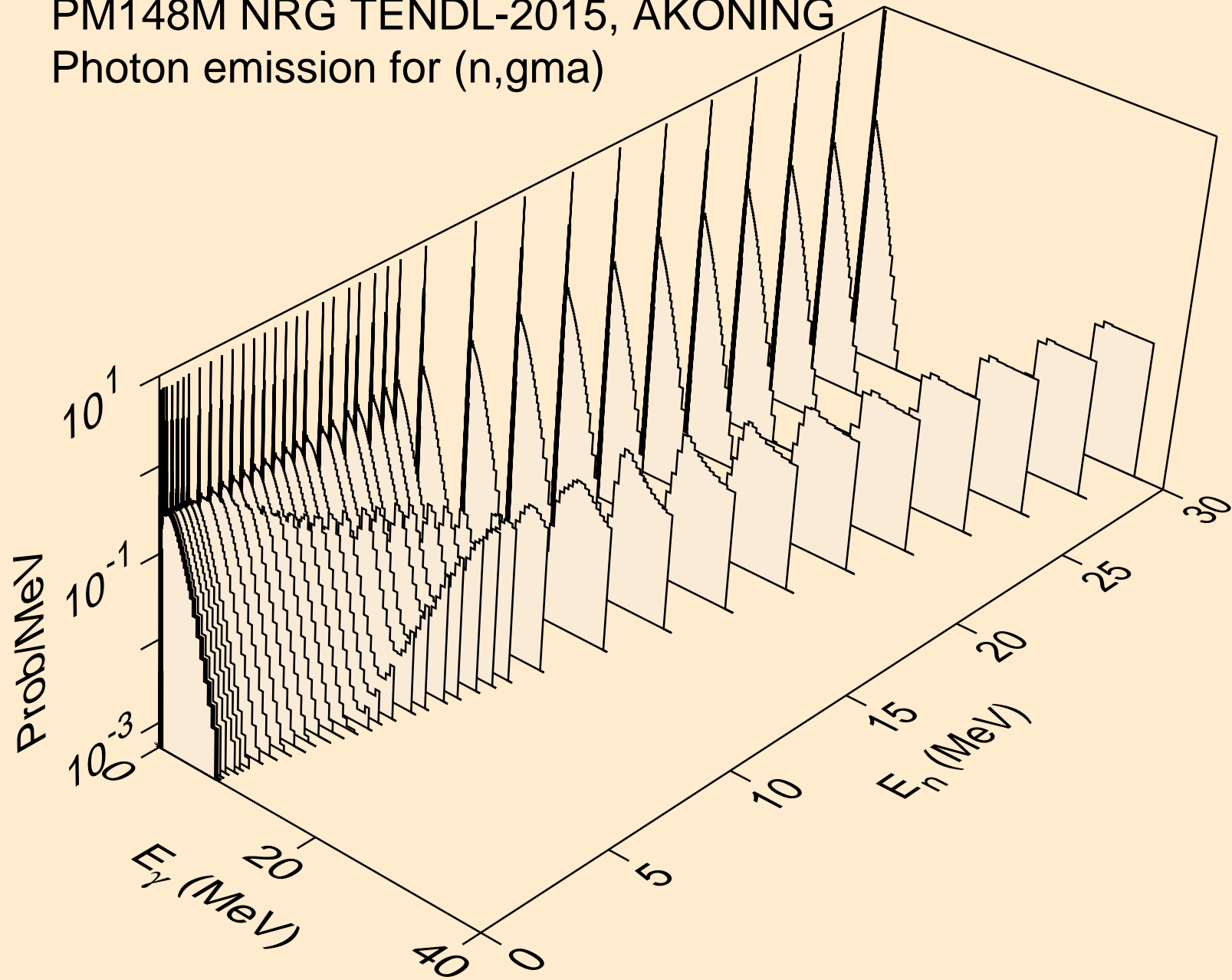
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Photon emission for (n,n\*30)



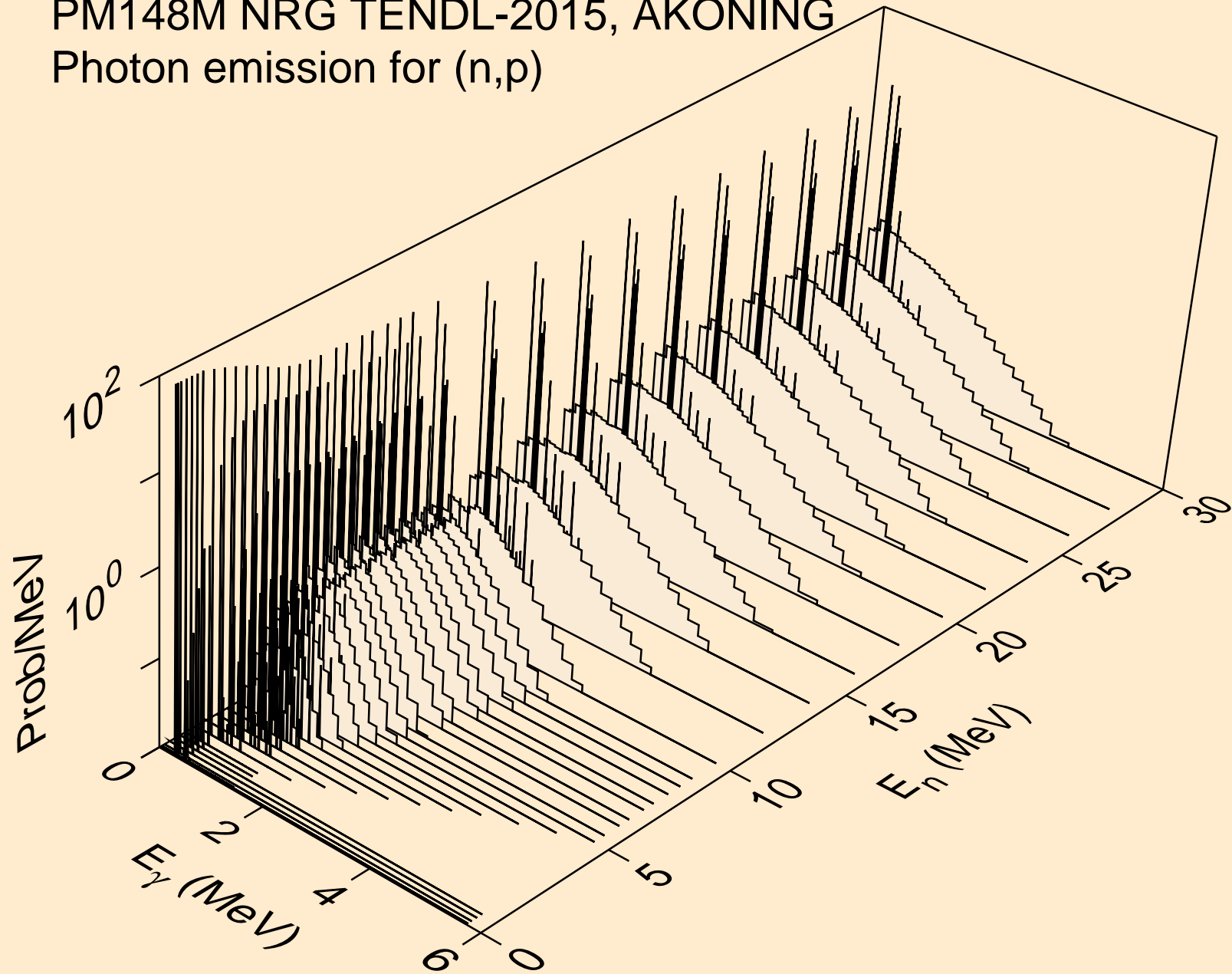
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



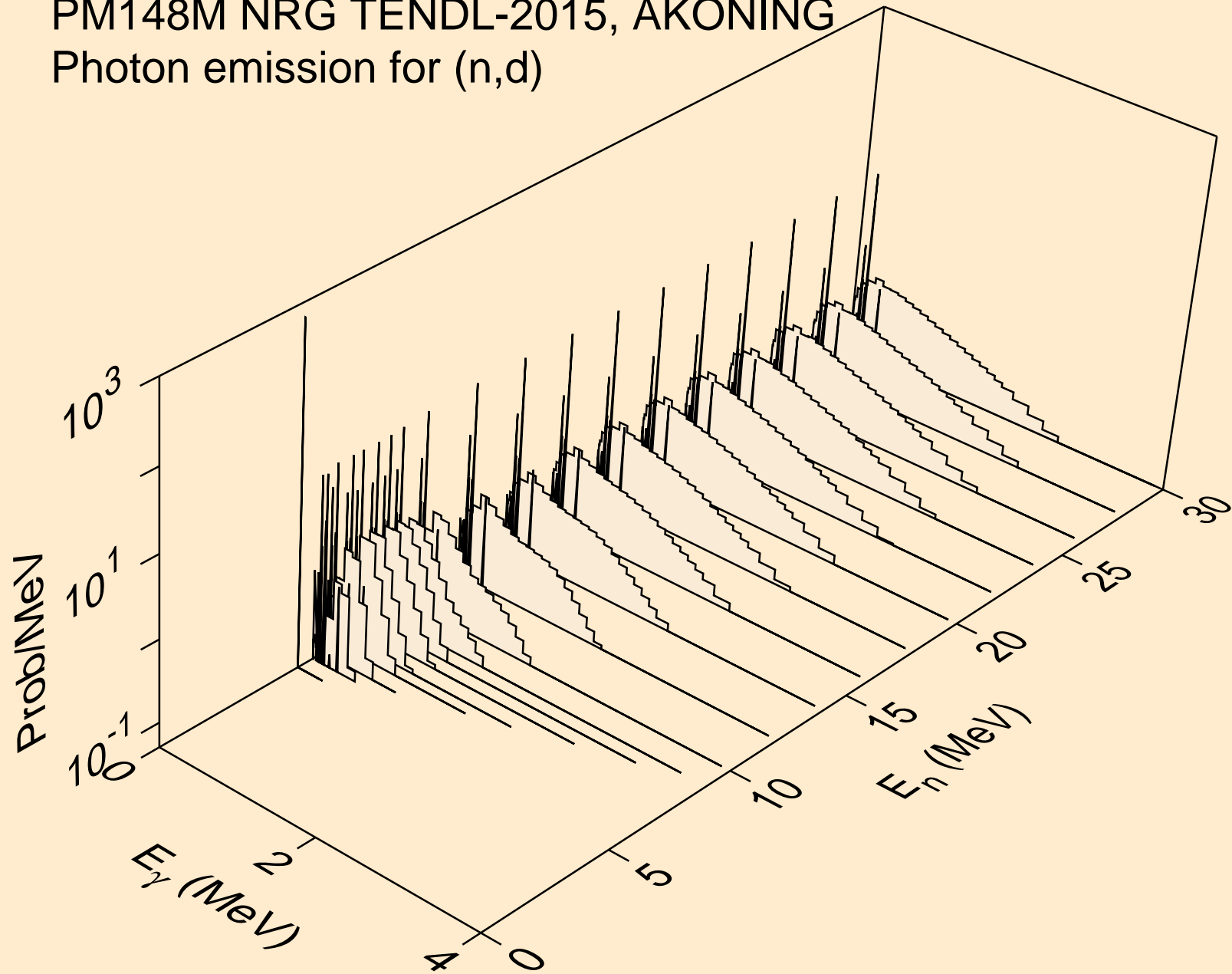
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



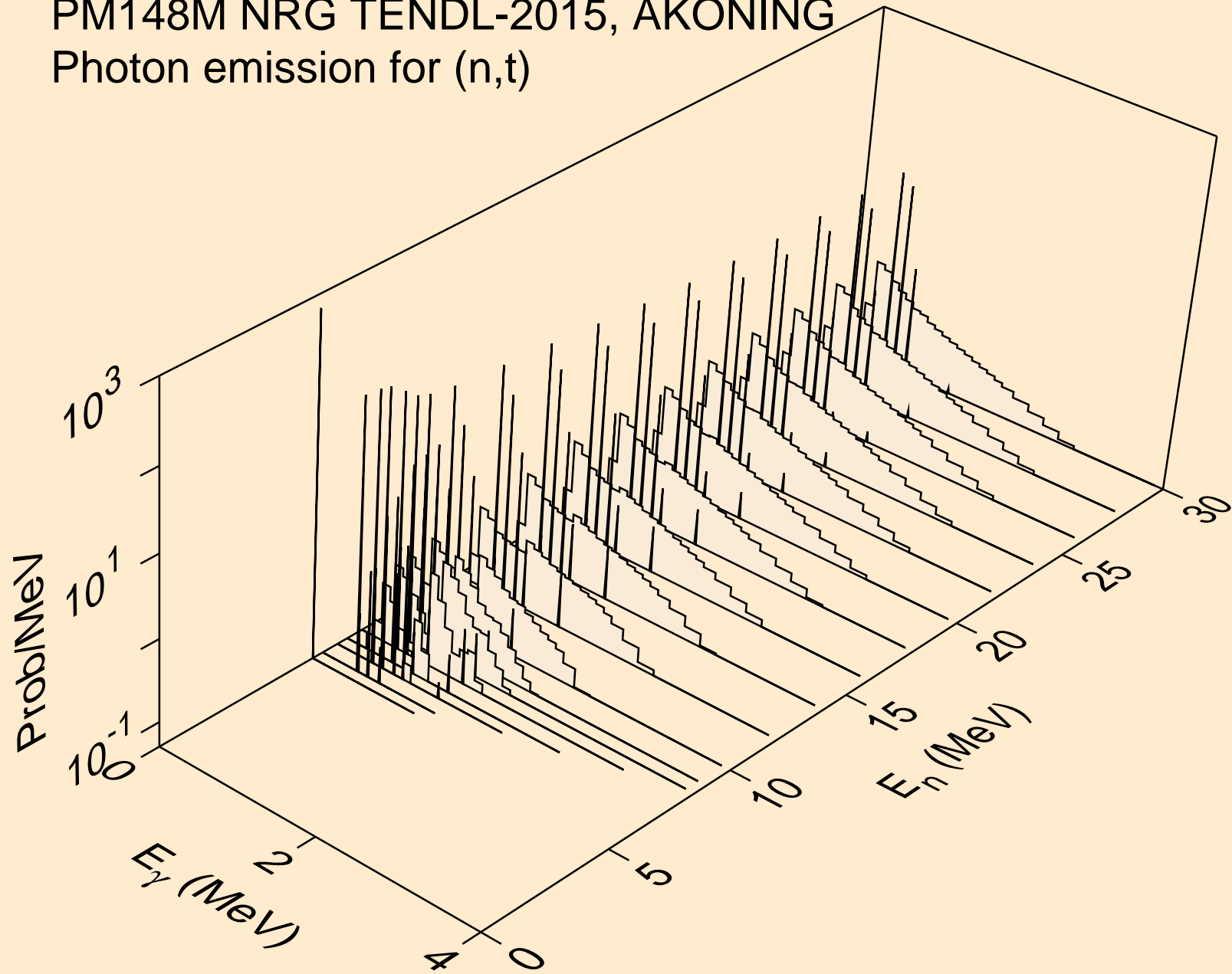
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



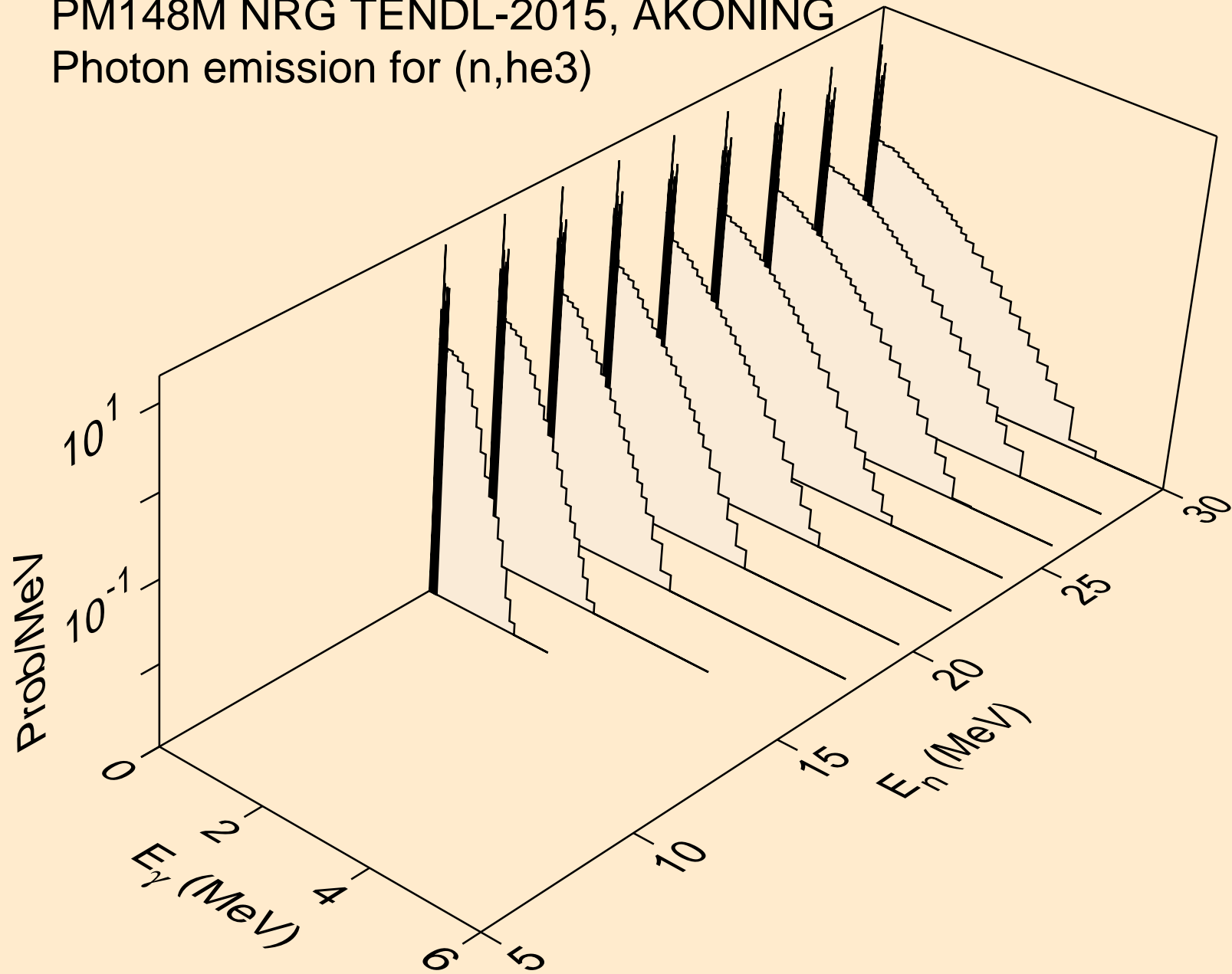
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,t)

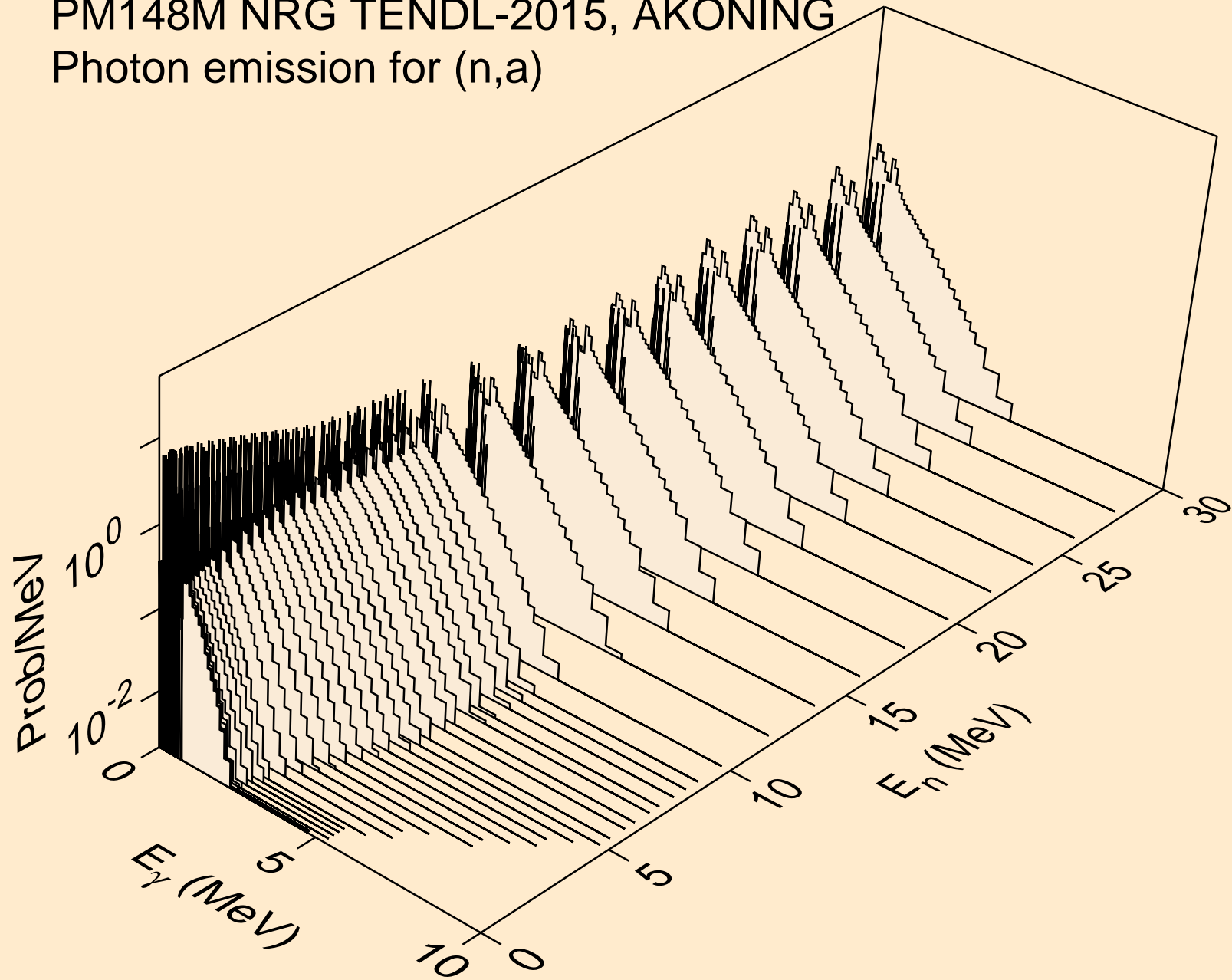


PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

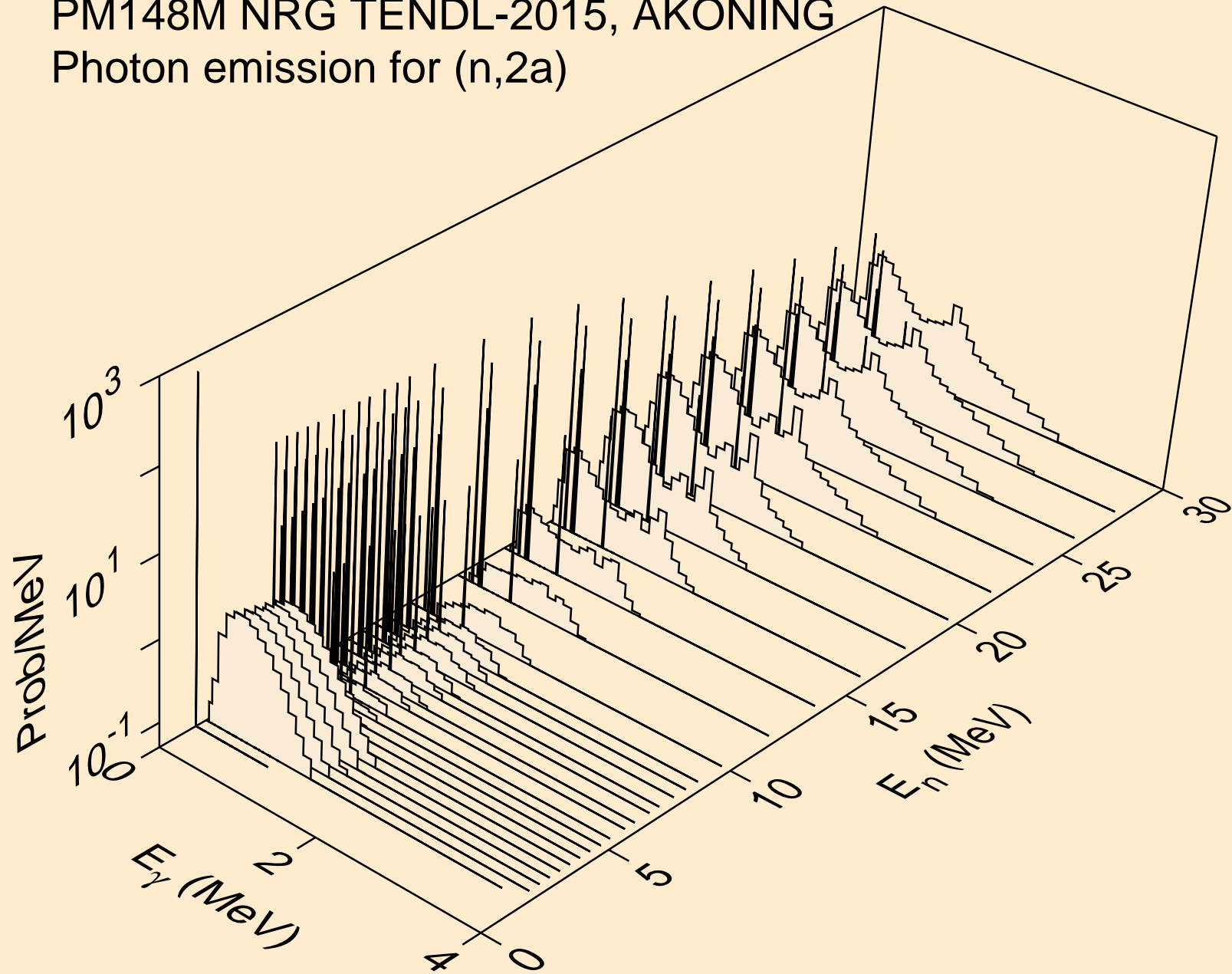




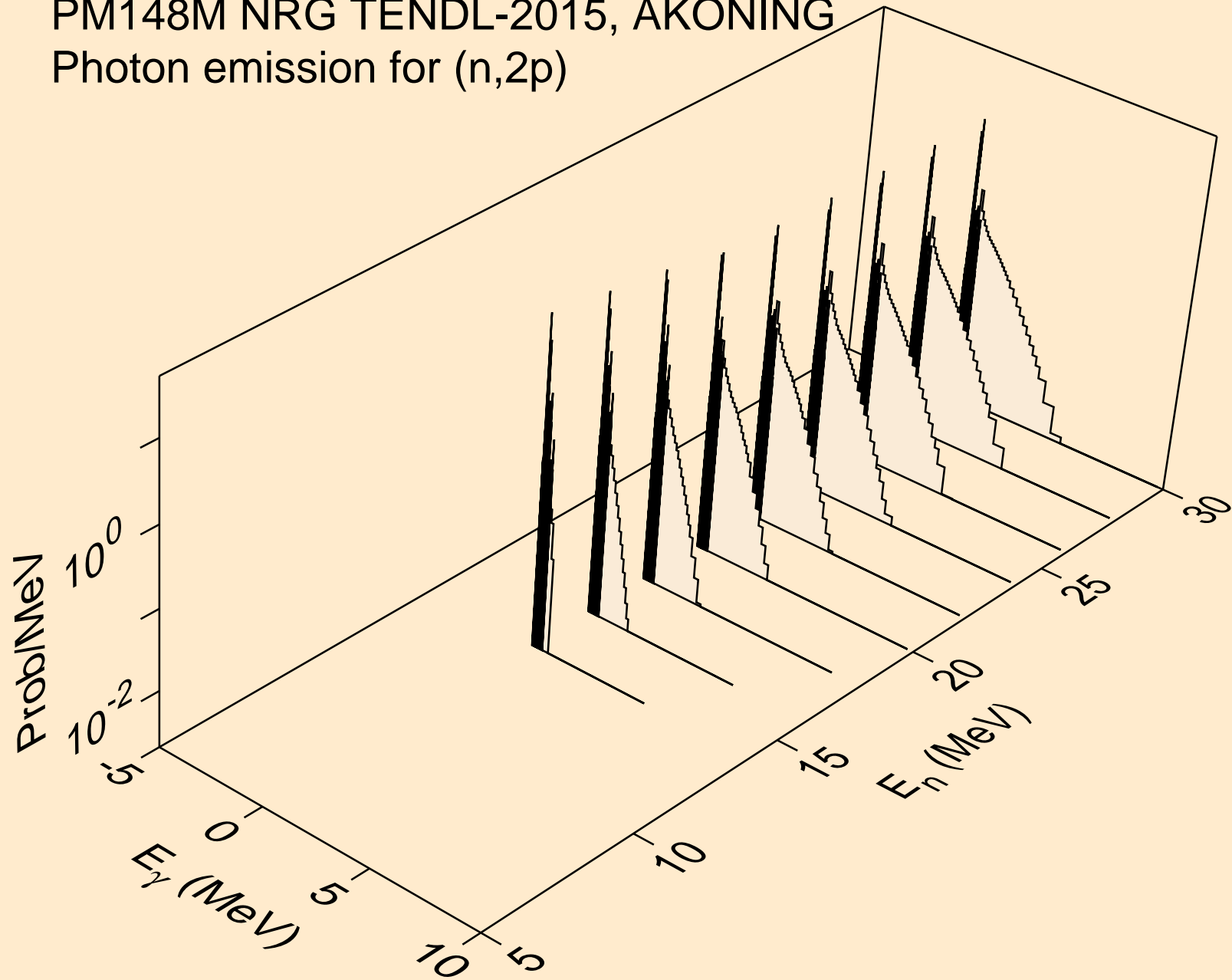
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,a)



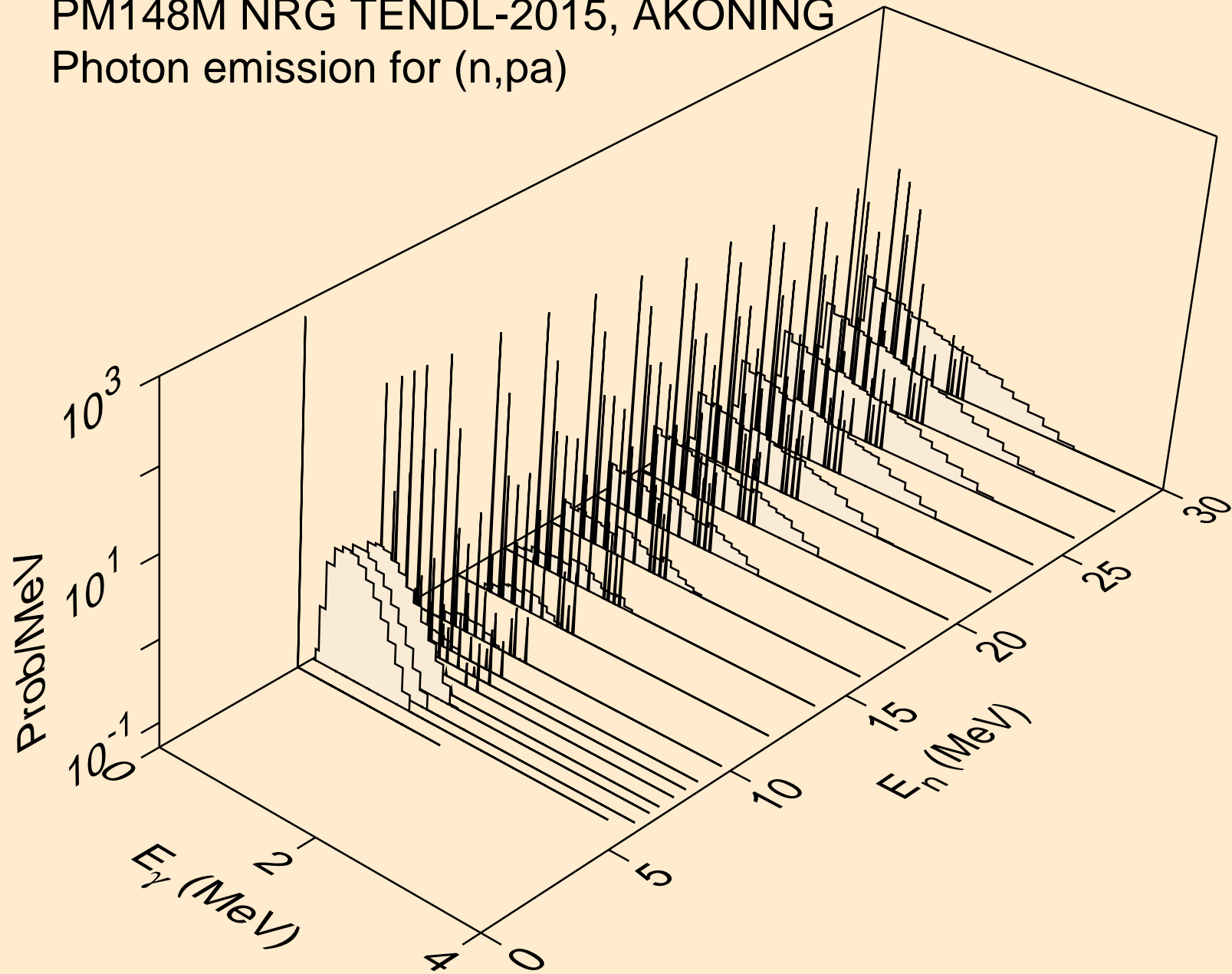
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Photon emission for (n,2a)



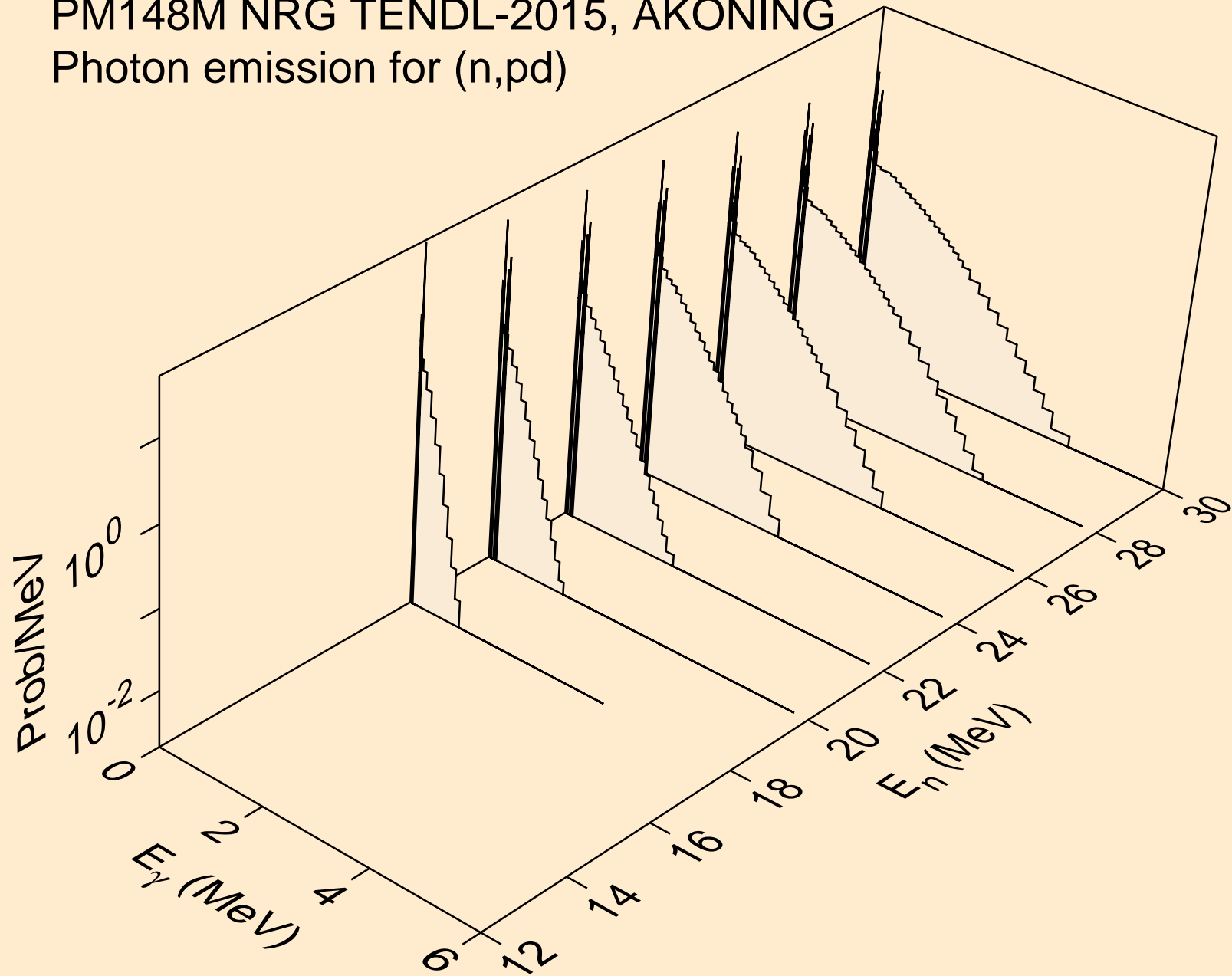
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Photon emission for (n,2p)



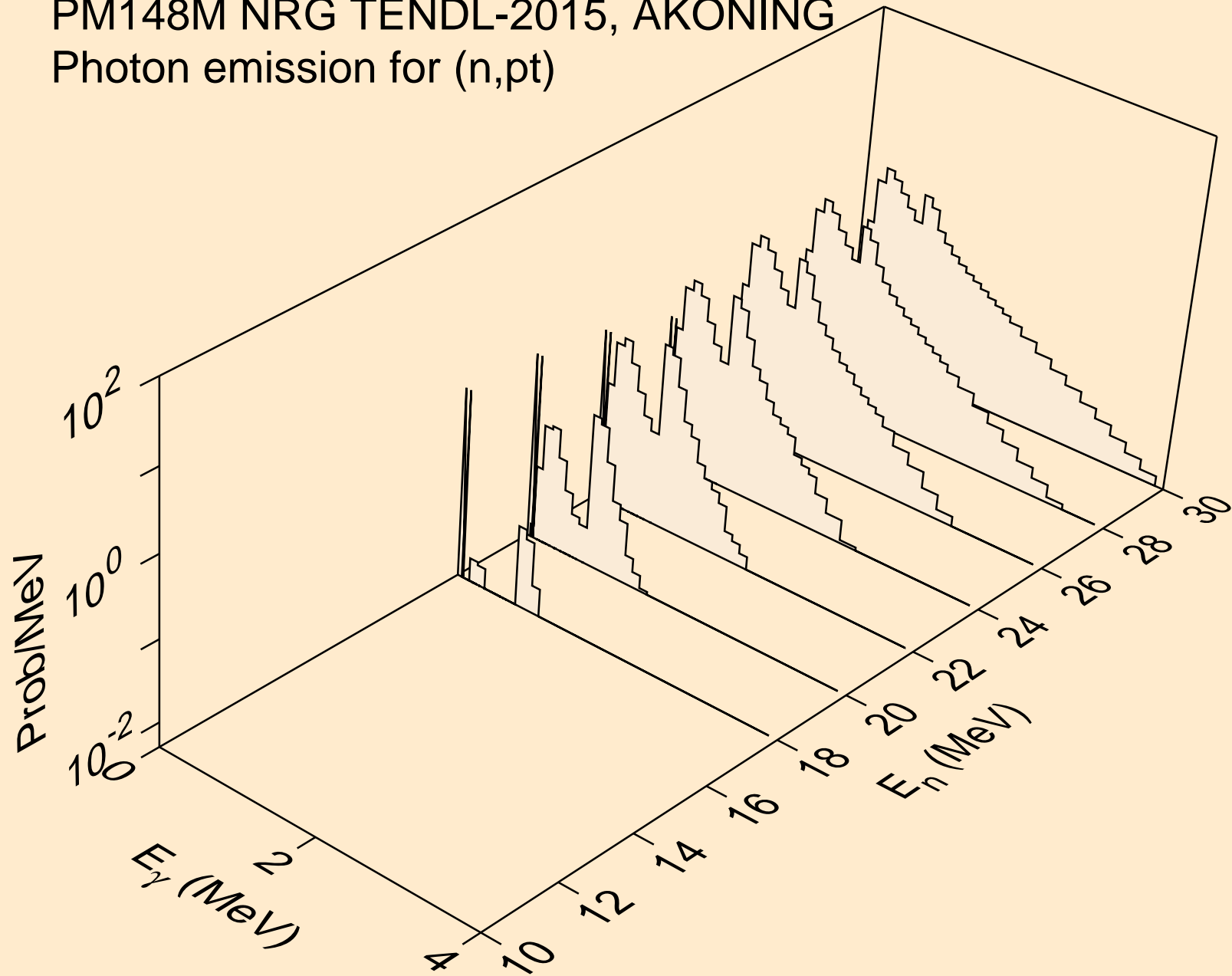
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



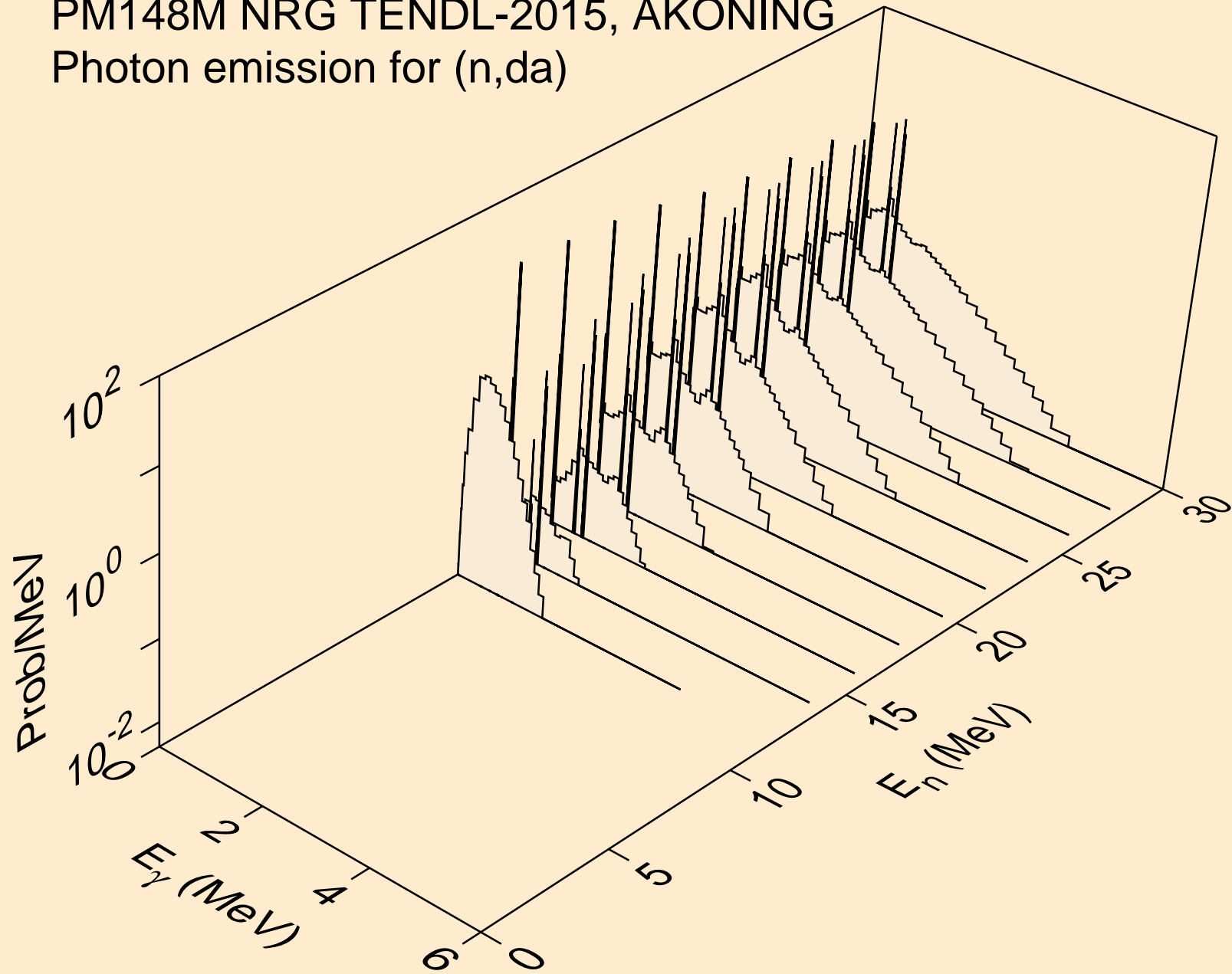
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



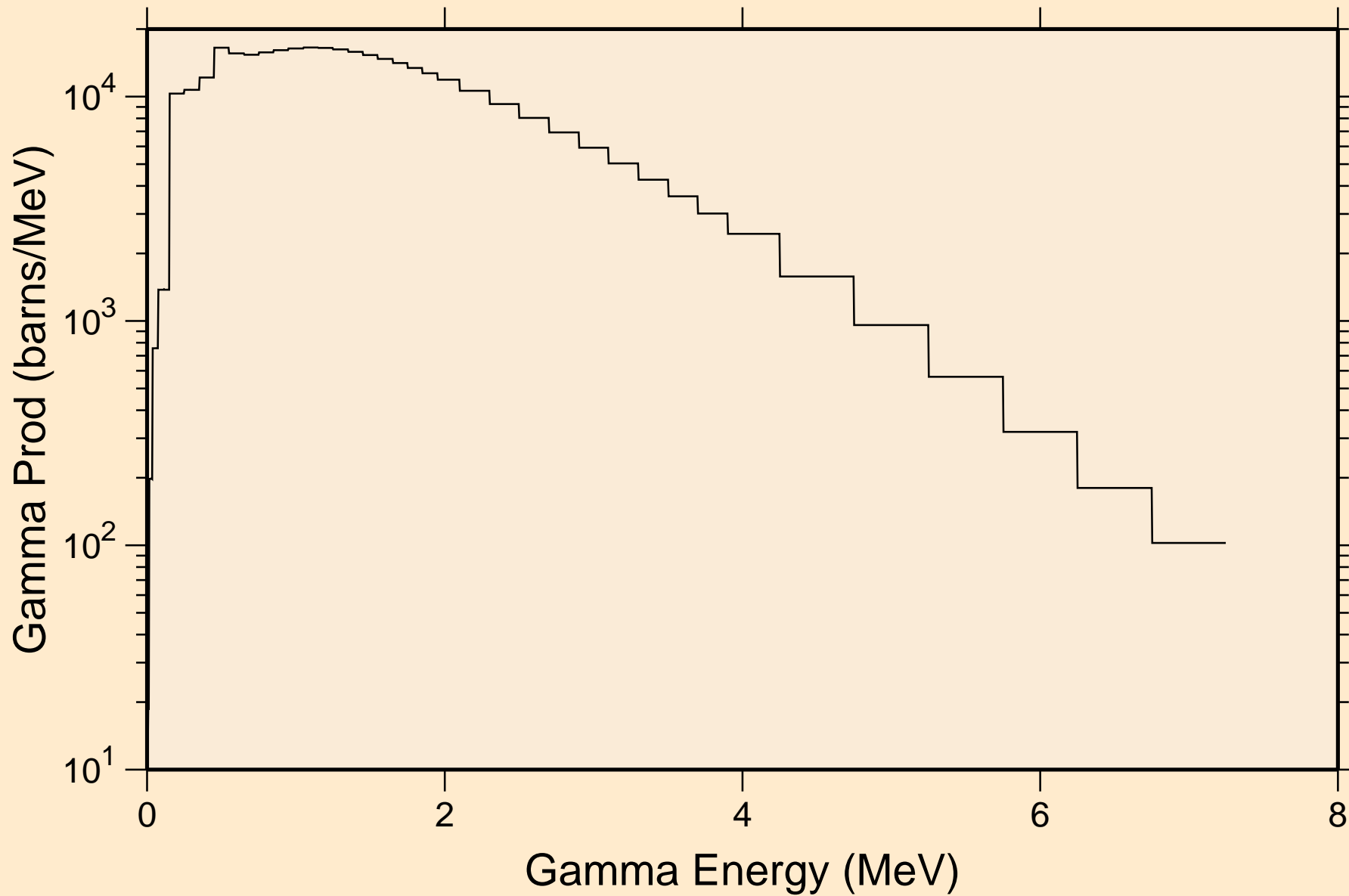
PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



PM148M NRG TENDL-2015, AKONING  
Photon emission for (n,da)

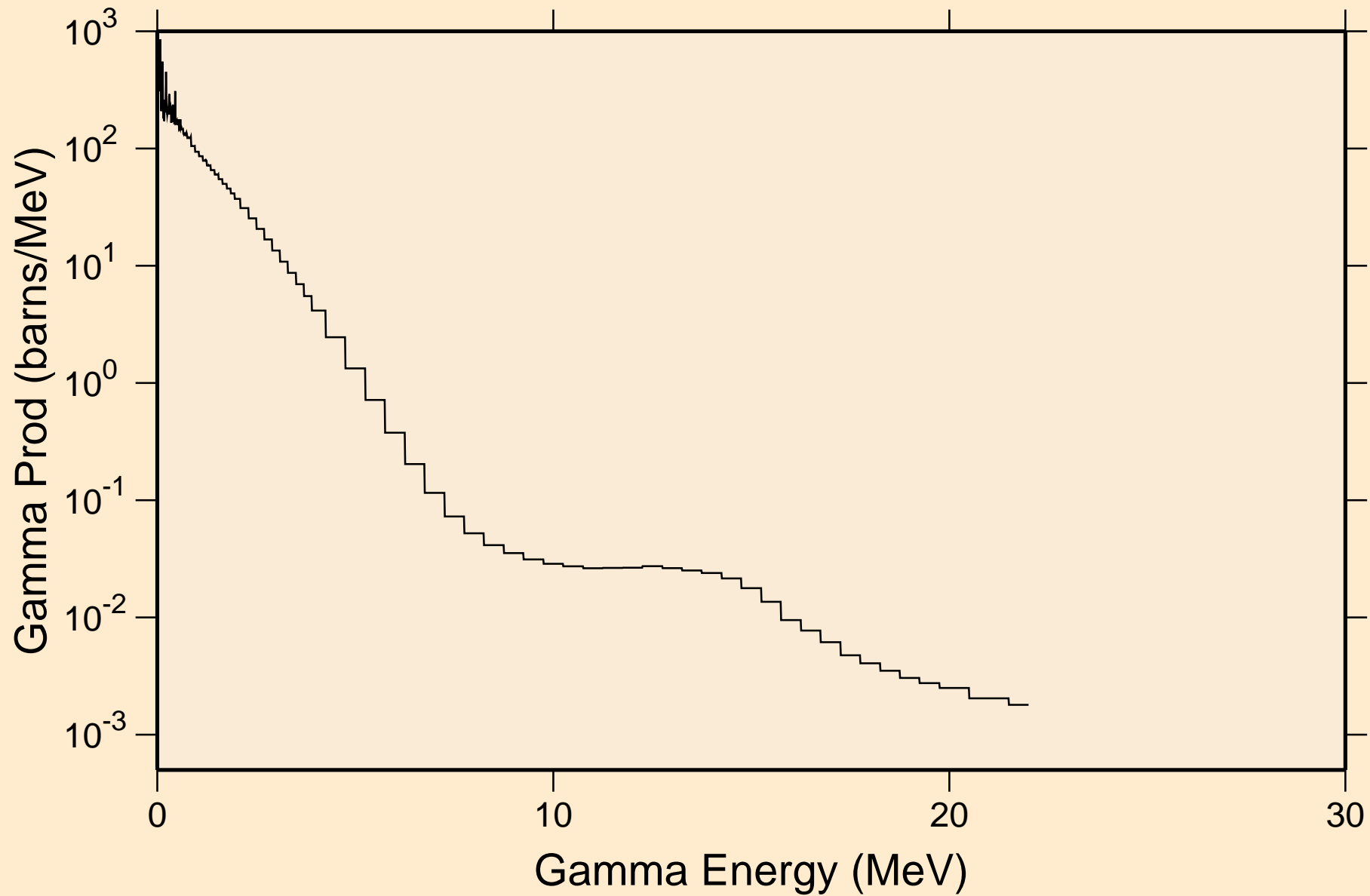


PM148M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



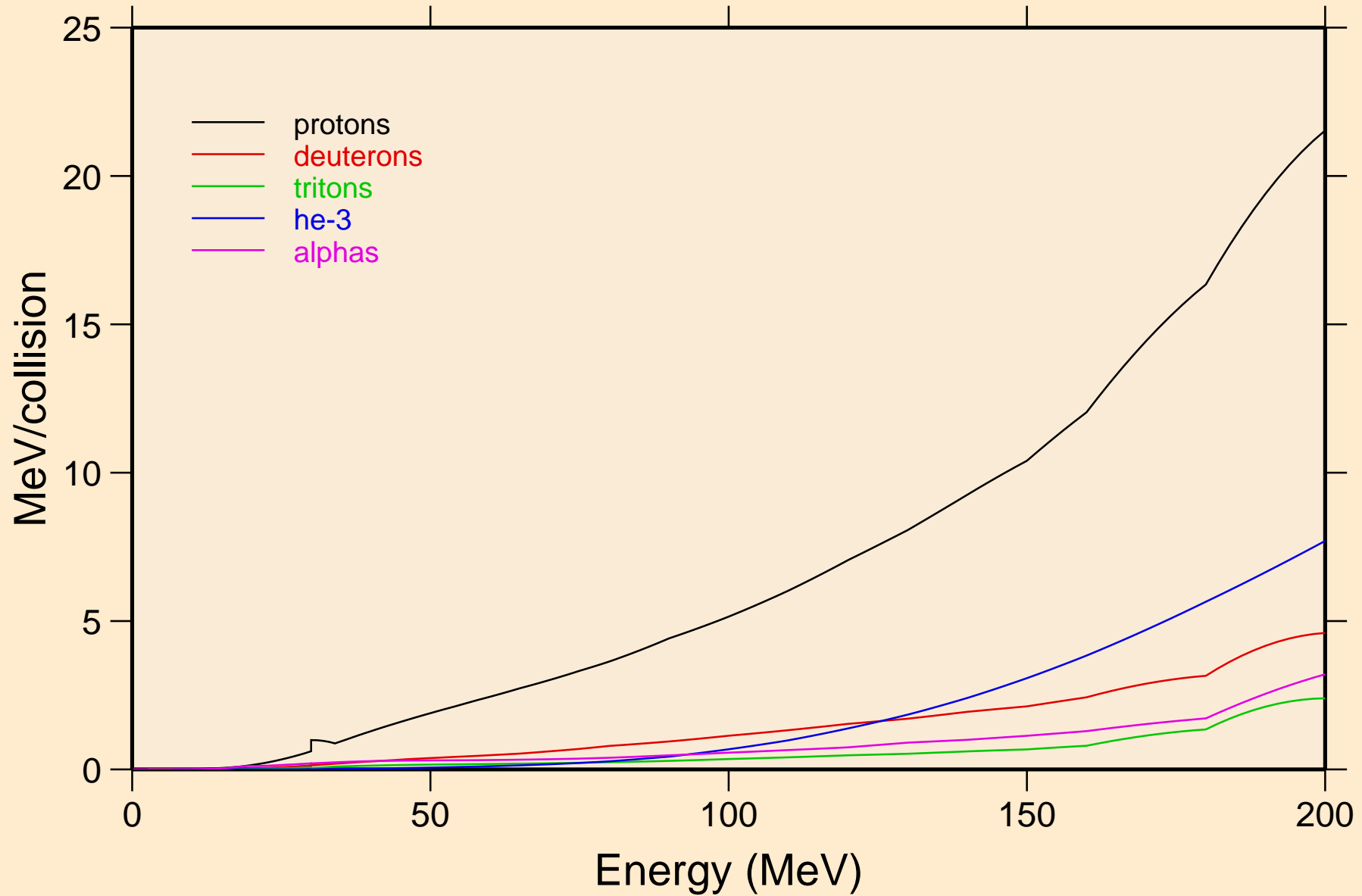


PM148M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



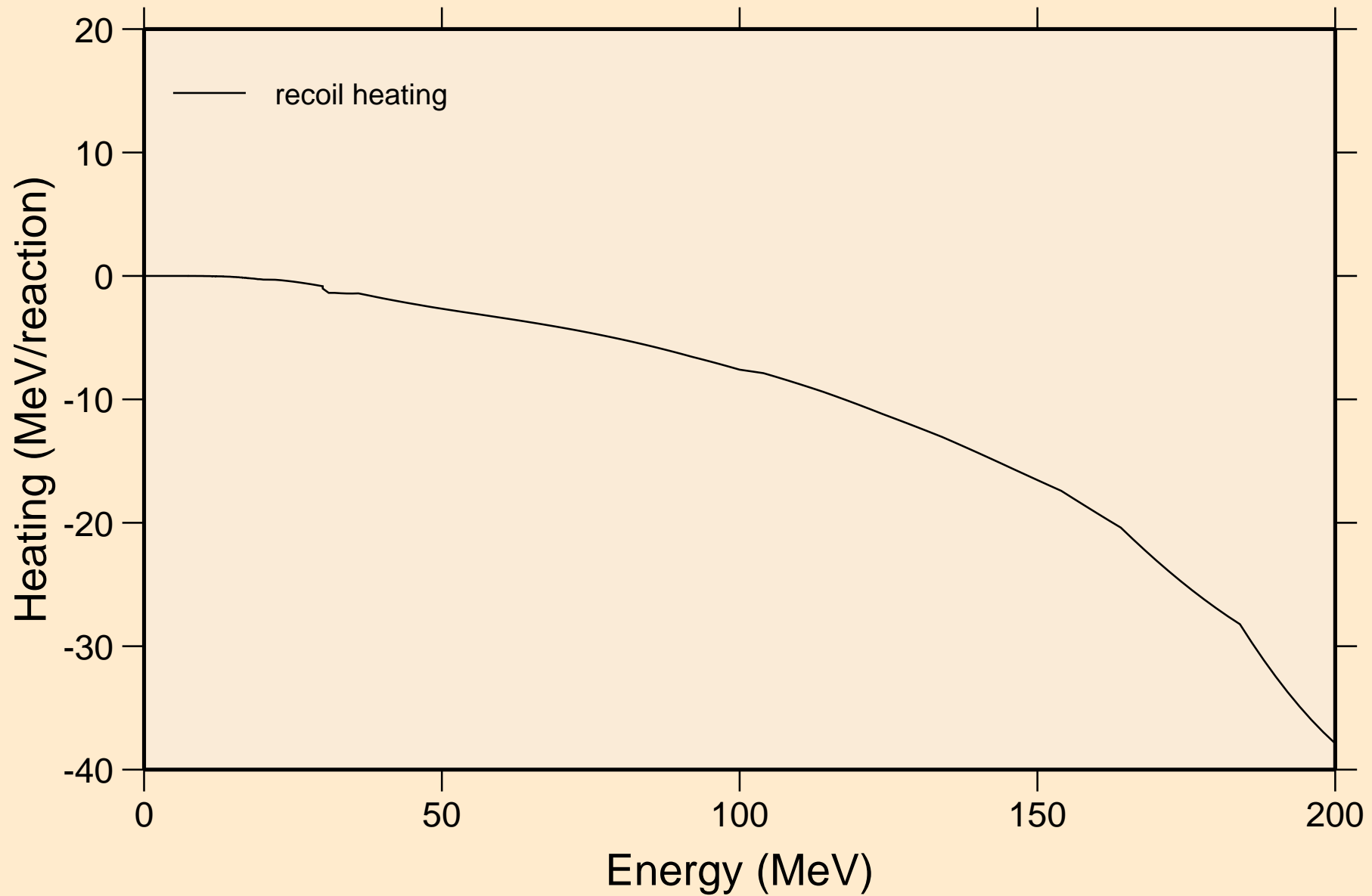
# PM148M NRG TENDL-2015, AKONING

## Particle heating contributions



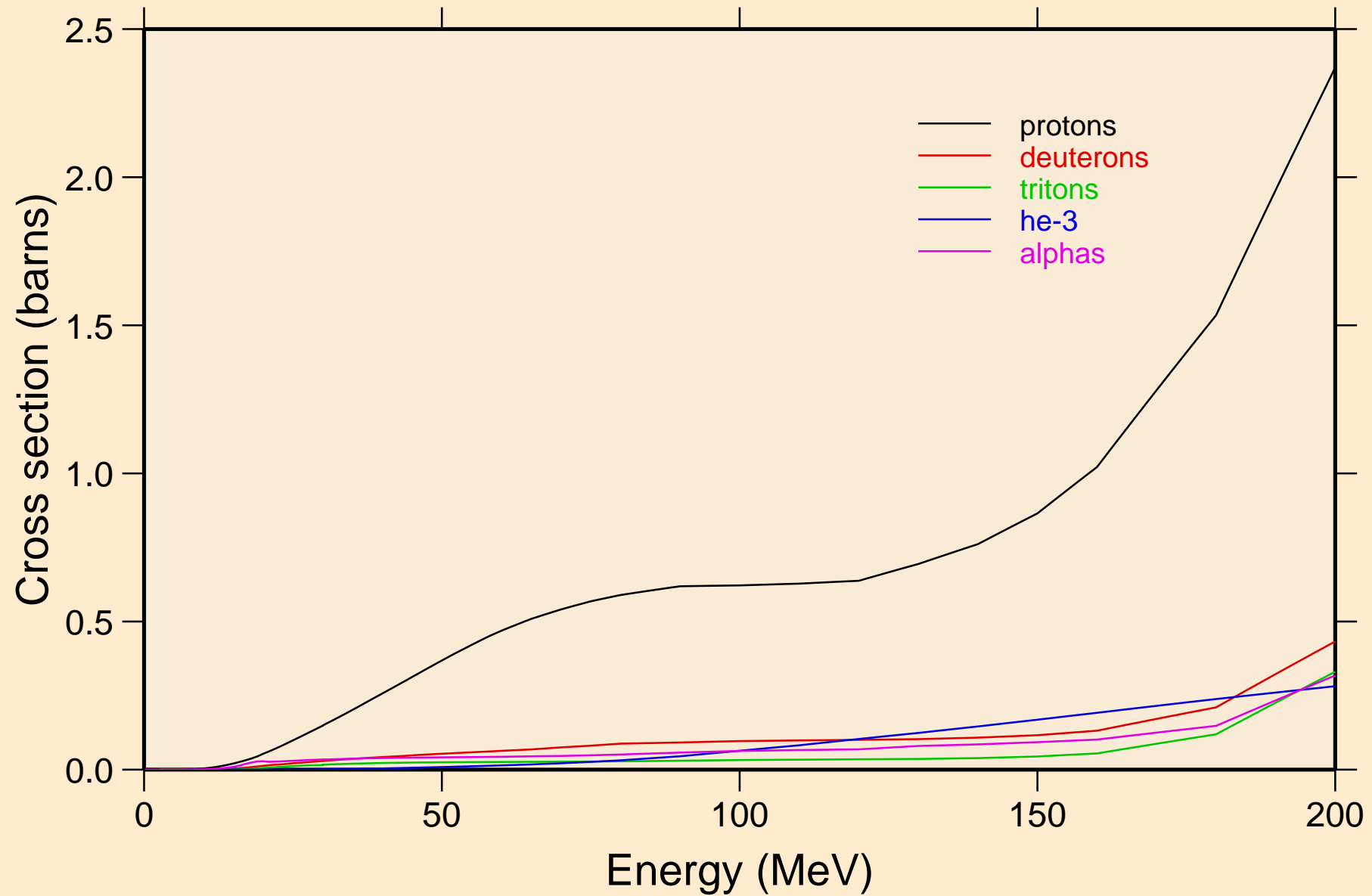
# PM148M NRG TENDL-2015, AKONING

## Recoil Heating

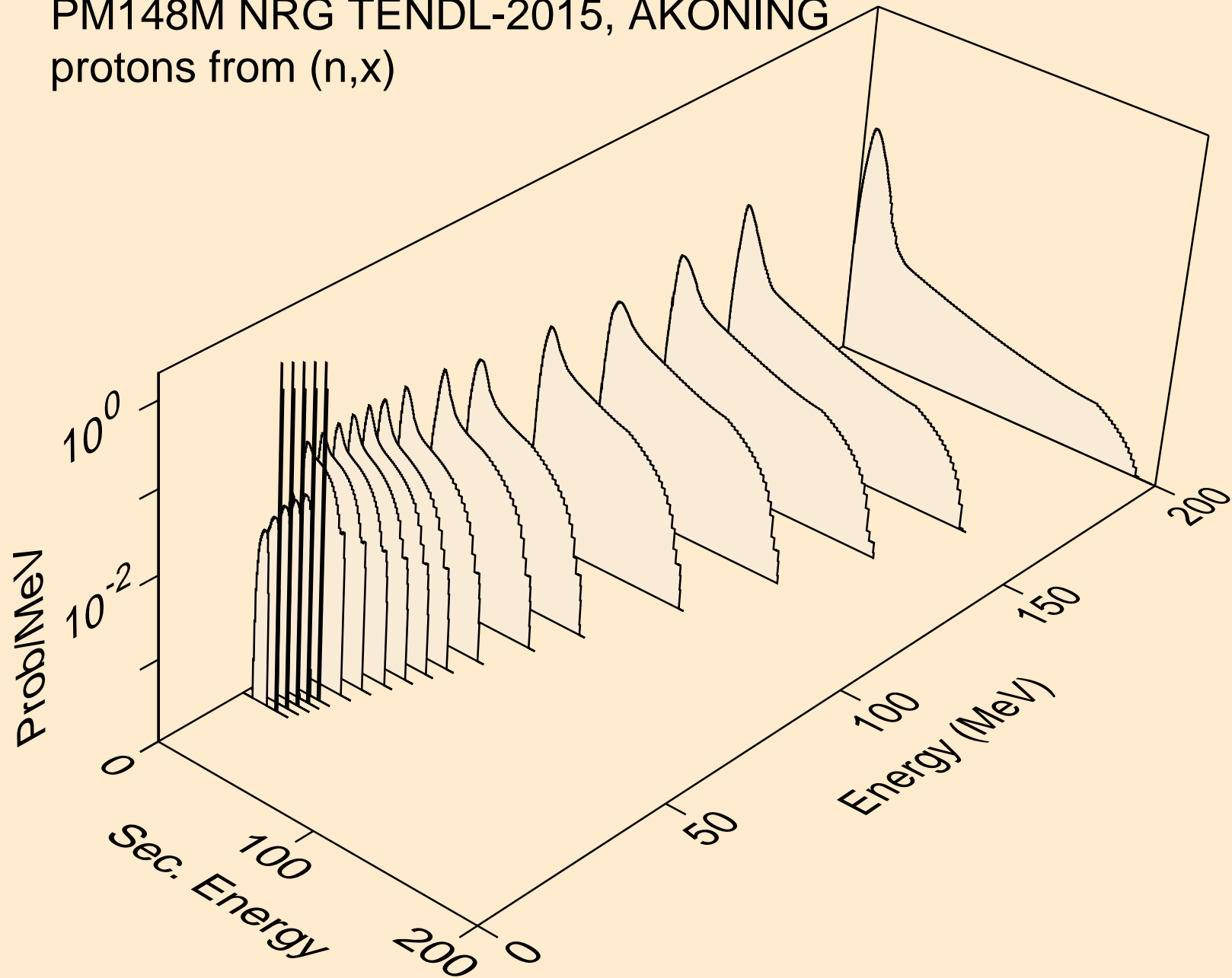


# PM148M NRG TENDL-2015, AKONING

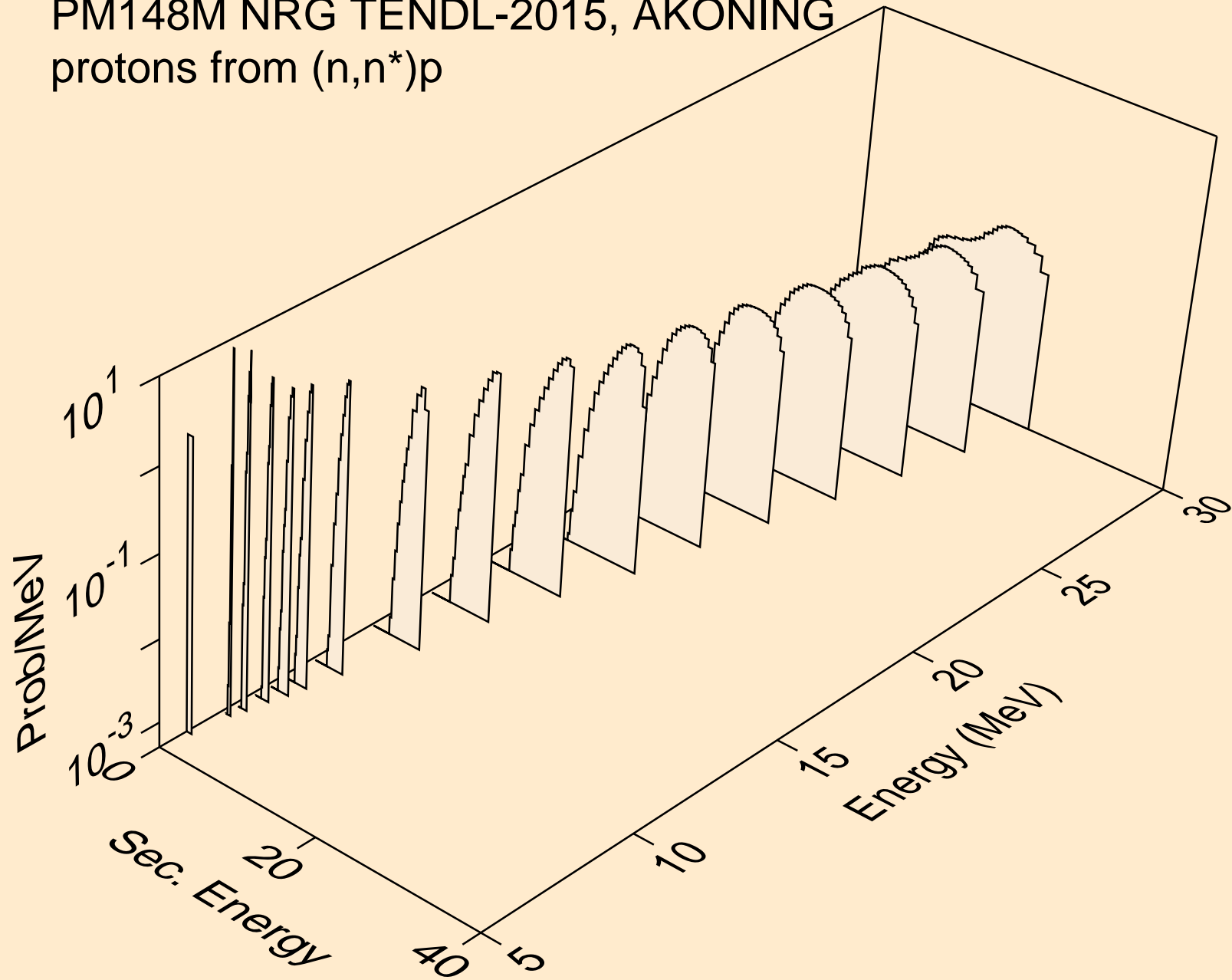
## Particle production cross sections



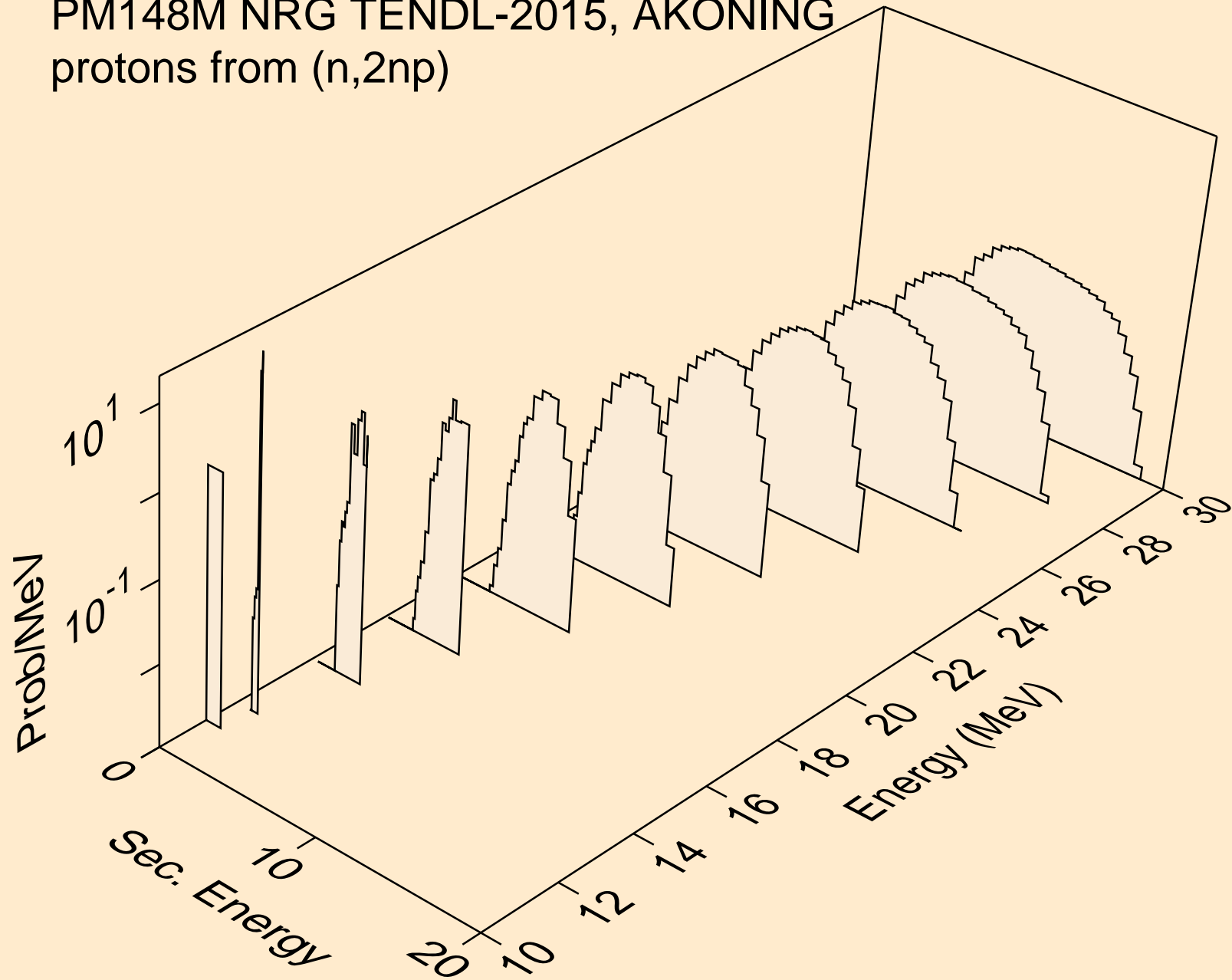
PM148M NRG TENDL-2015, AKONING  
protons from (n,x)



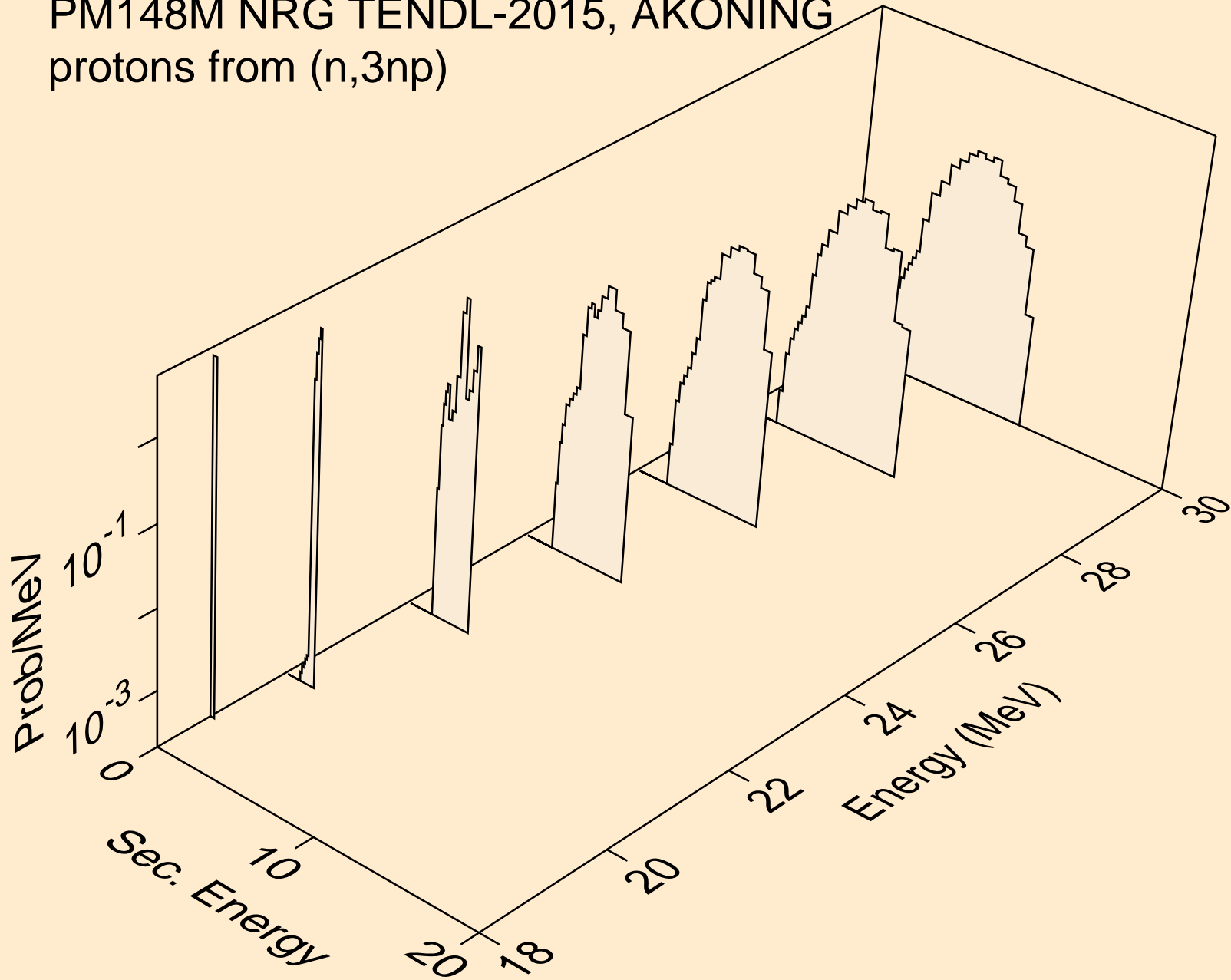
PM148M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



PM148M NRG TENDL-2015, AKONING  
protons from (n,2np)

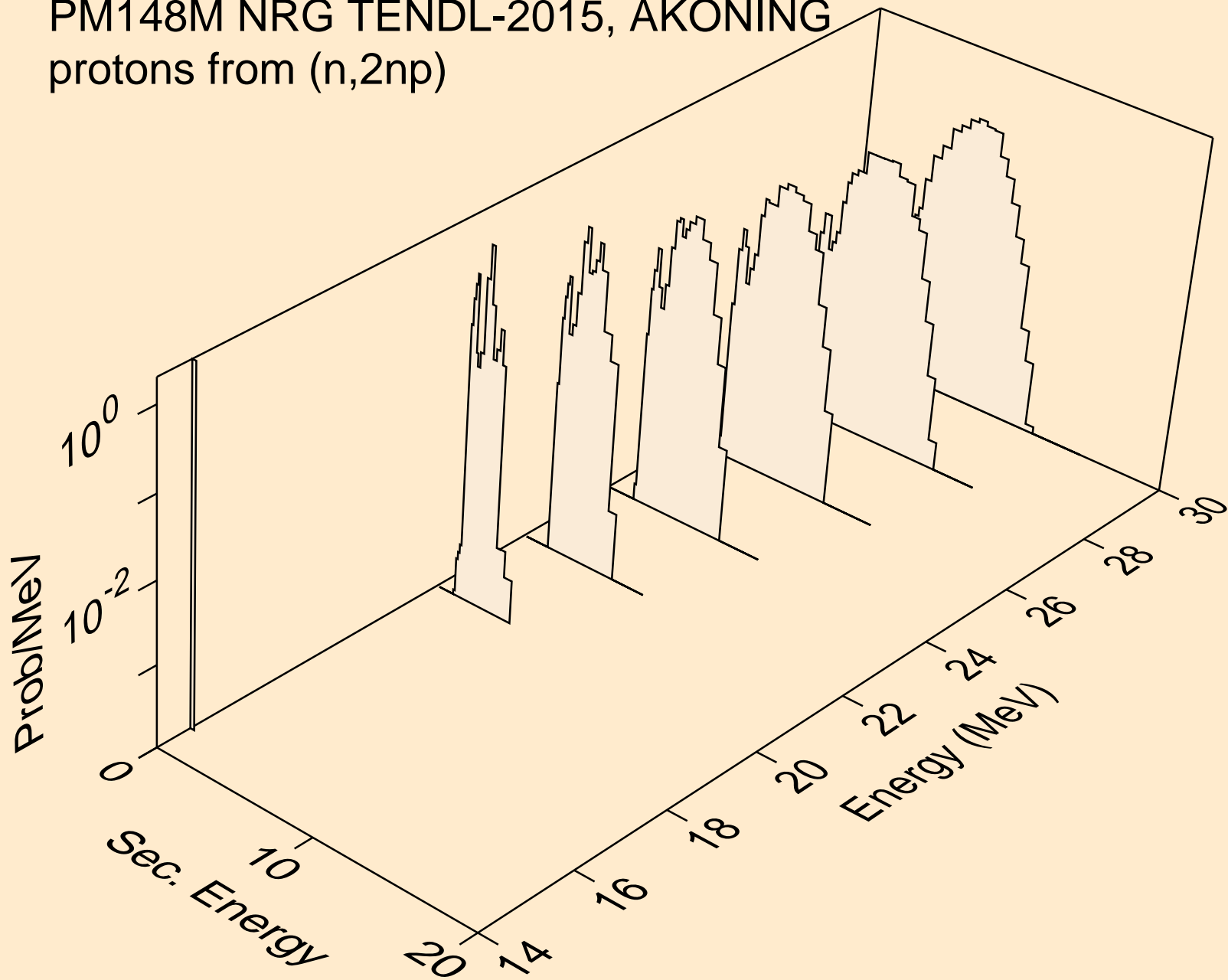


PM148M NRG TENDL-2015, AKONING  
protons from (n,3np)

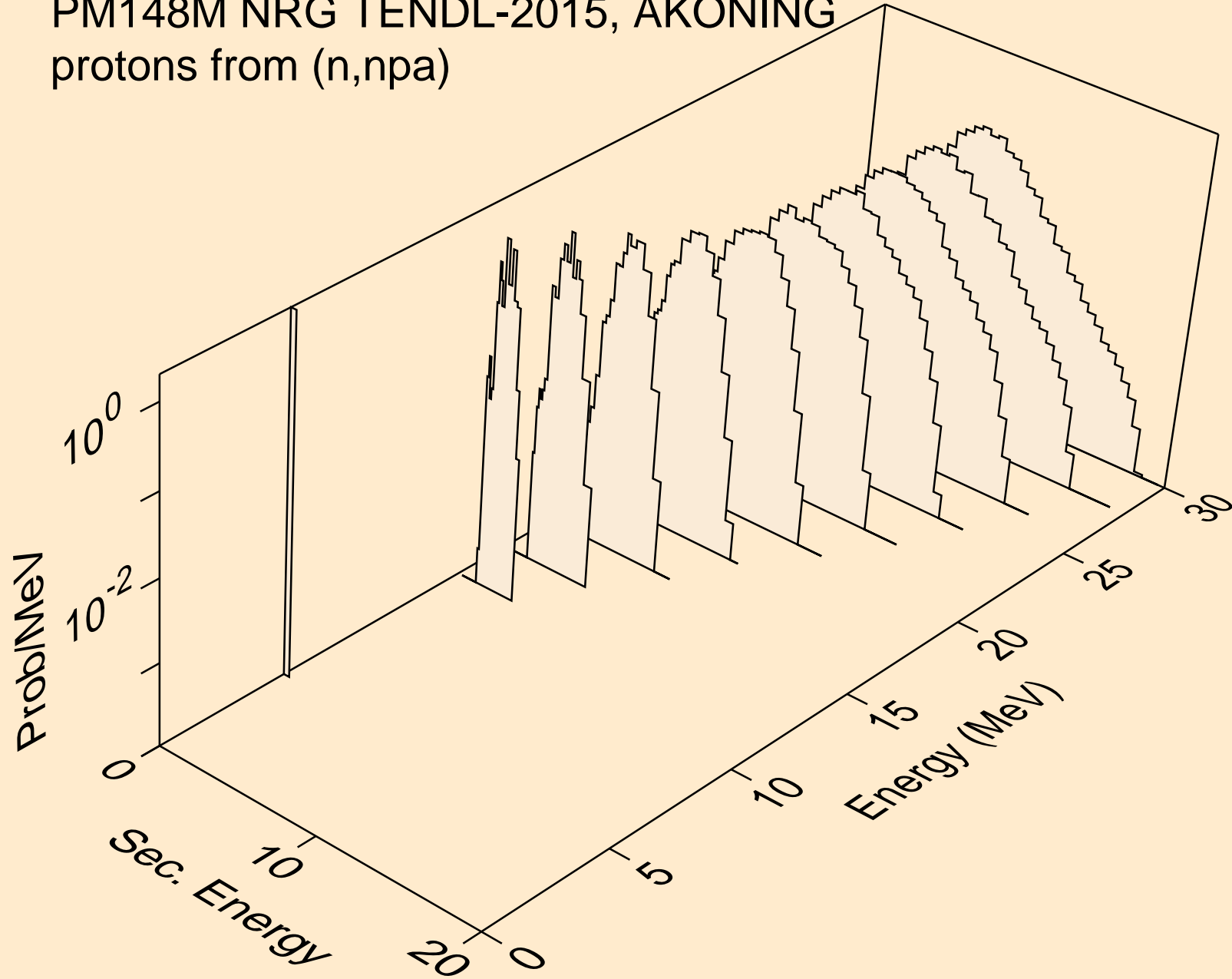




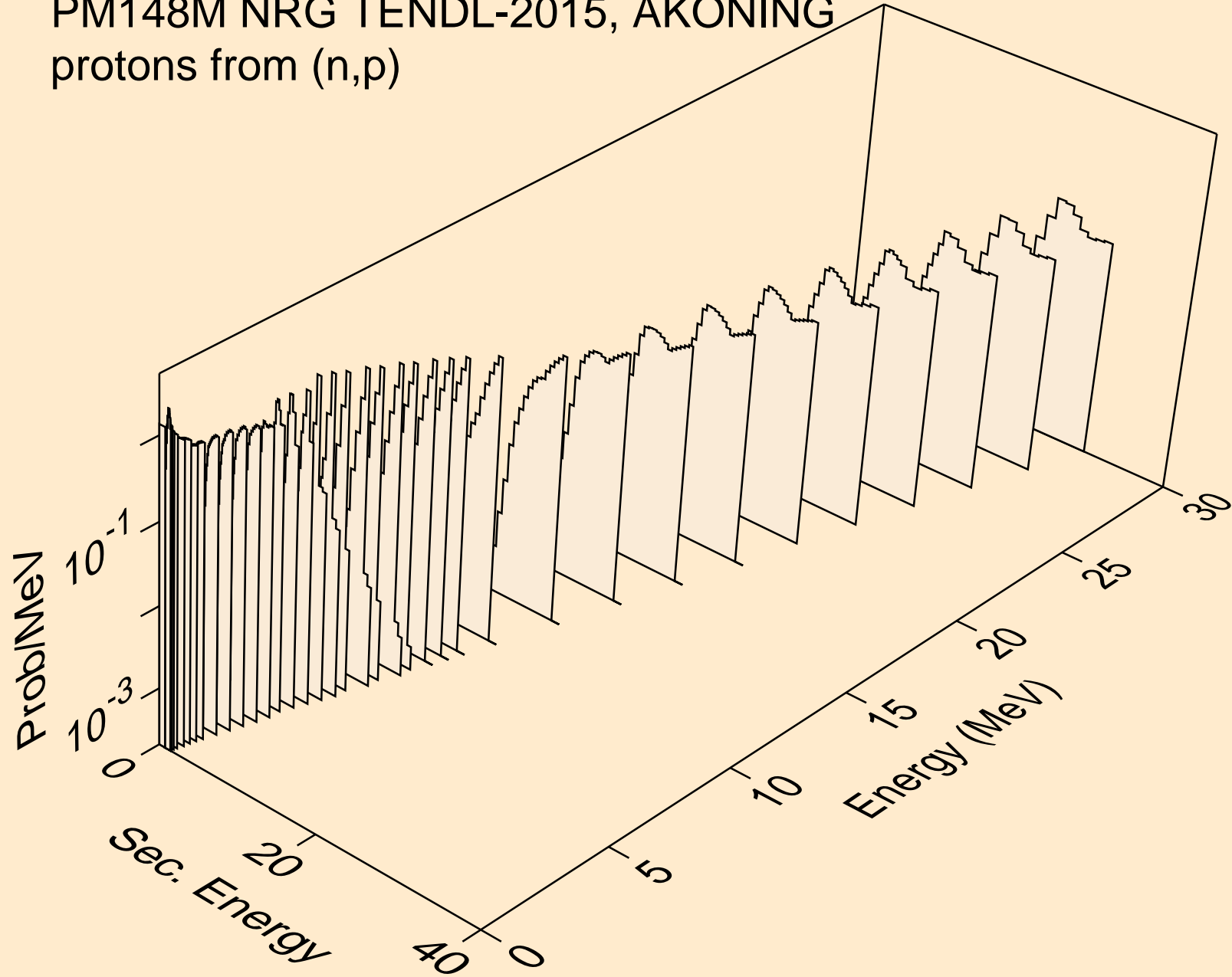
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protons from (n,2np)



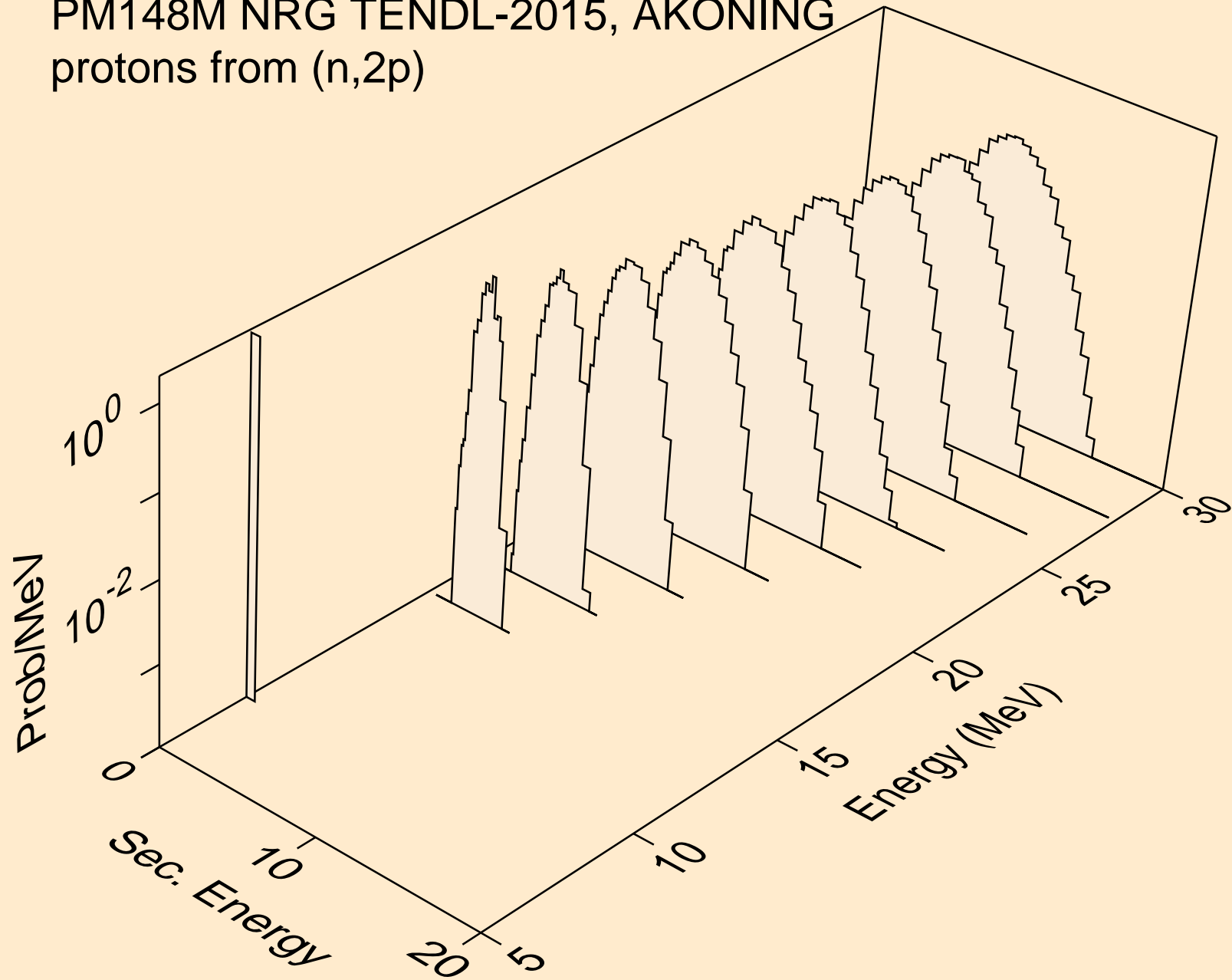
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protons from (n,npa)



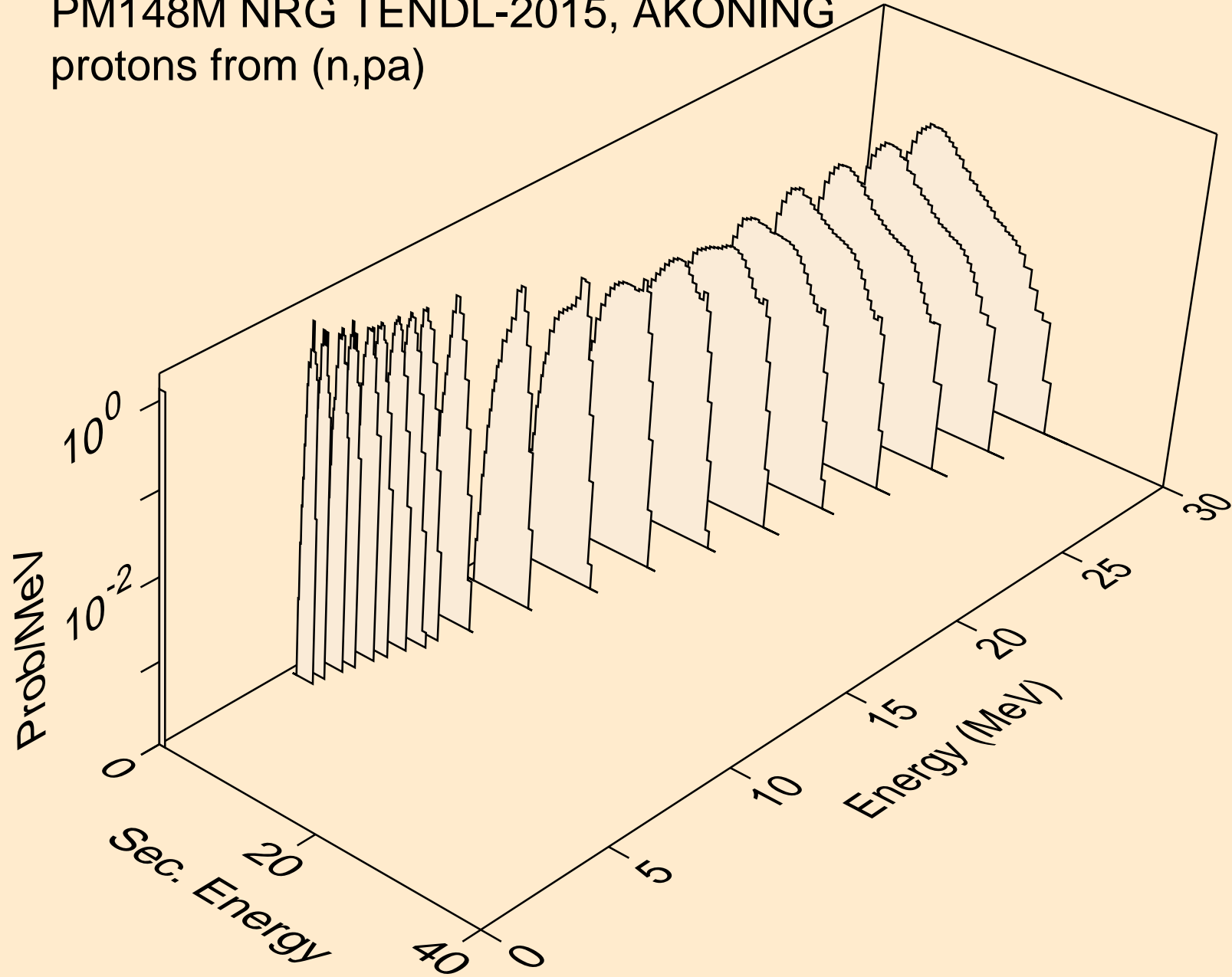
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protons from (n,p)



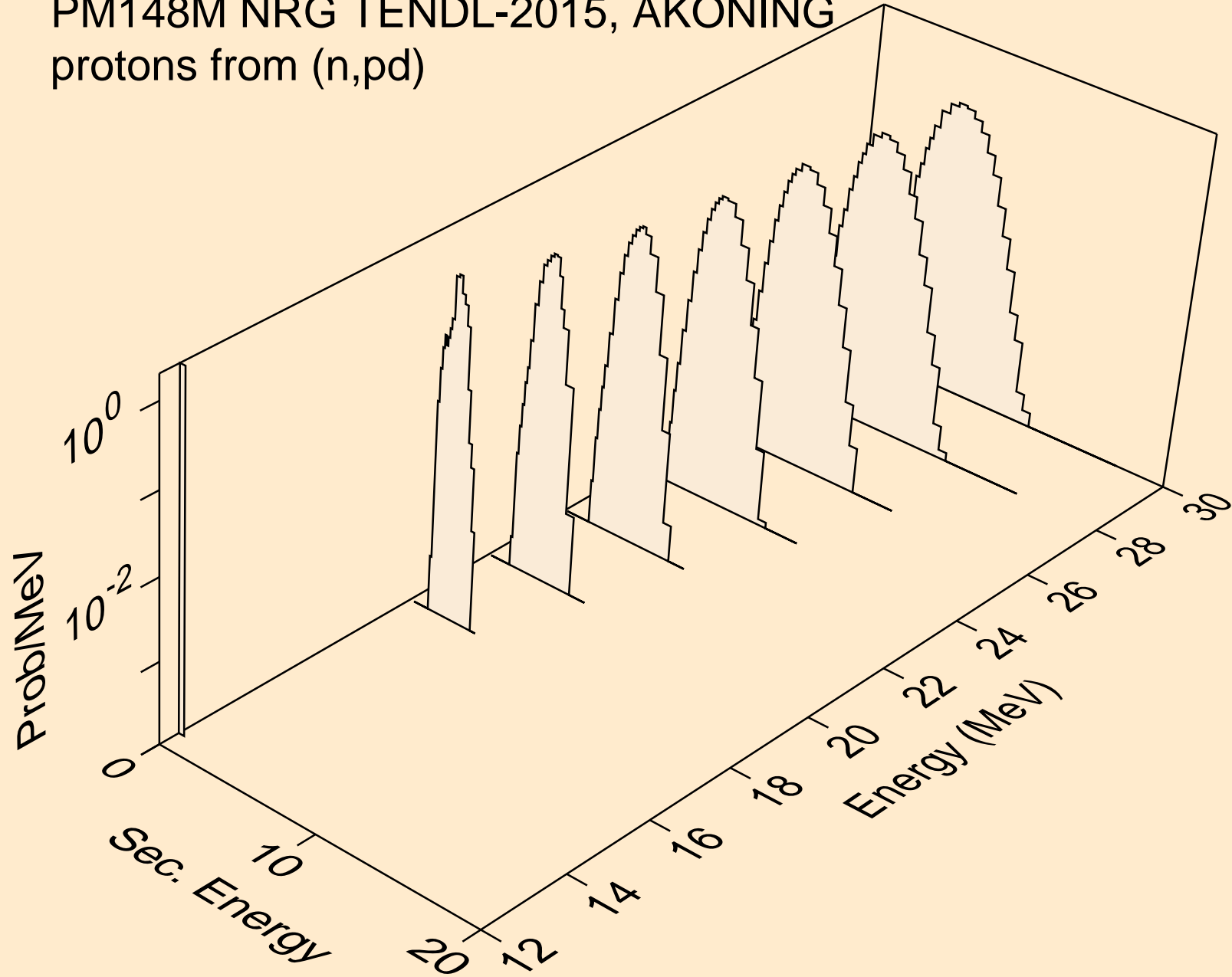
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protons from (n,2p)



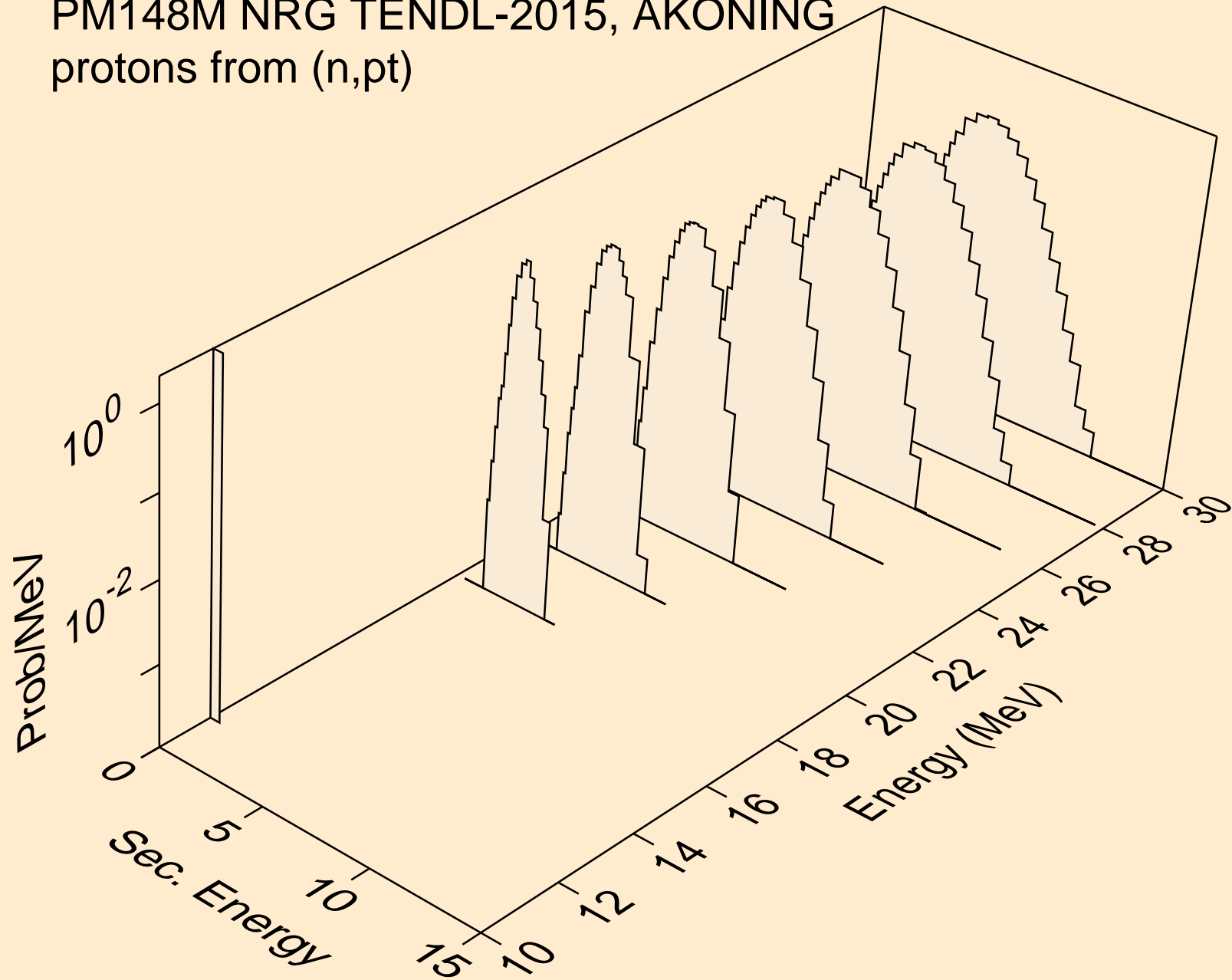
PM148M NRG TENDL-2015, AKONING  
protons from (n,pa)



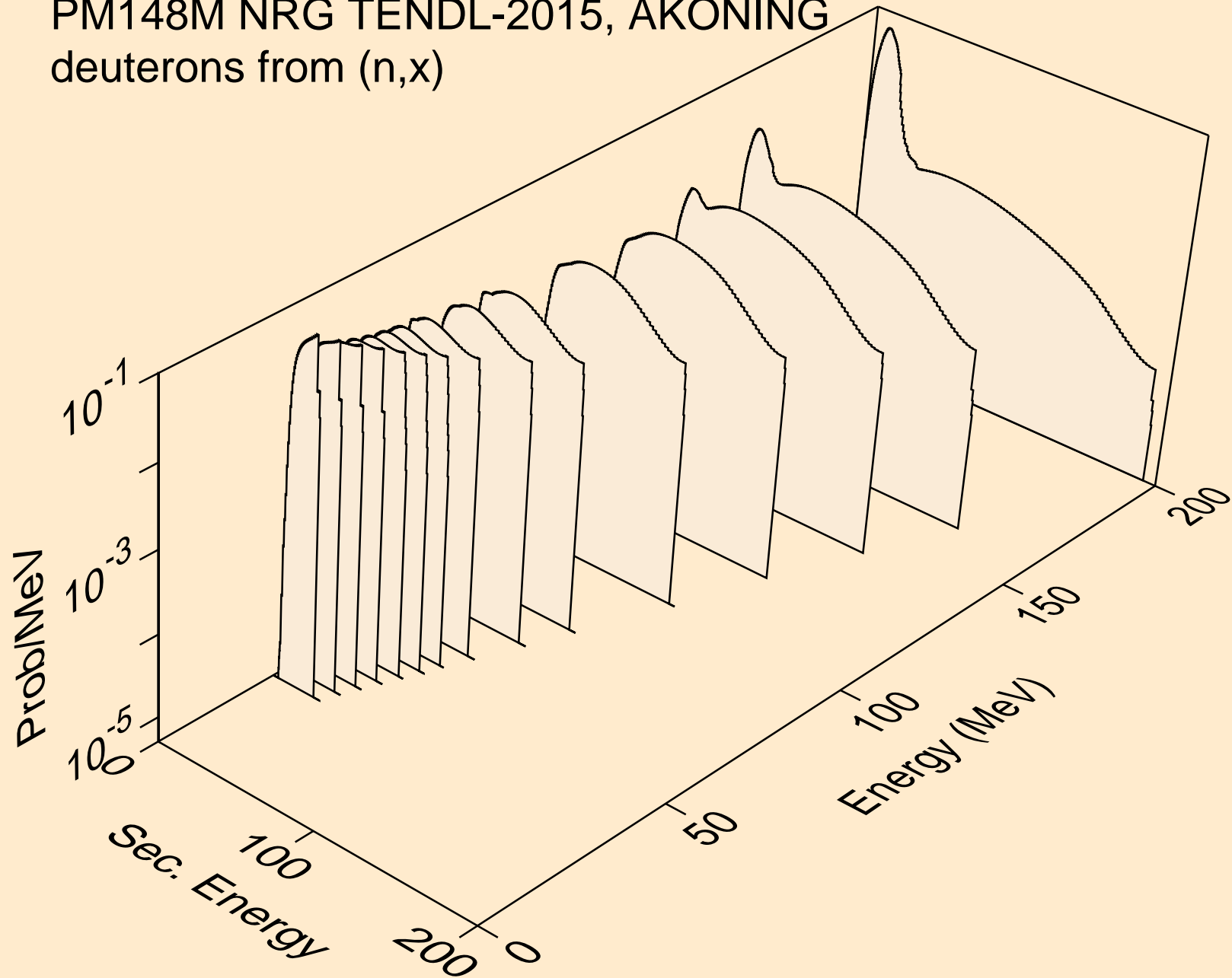
PM148M NRG TENDL-2015, AKONING  
protons from (n,pd)



PM148M NRG TENDL-2015, AKONING  
protons from (n,pt)

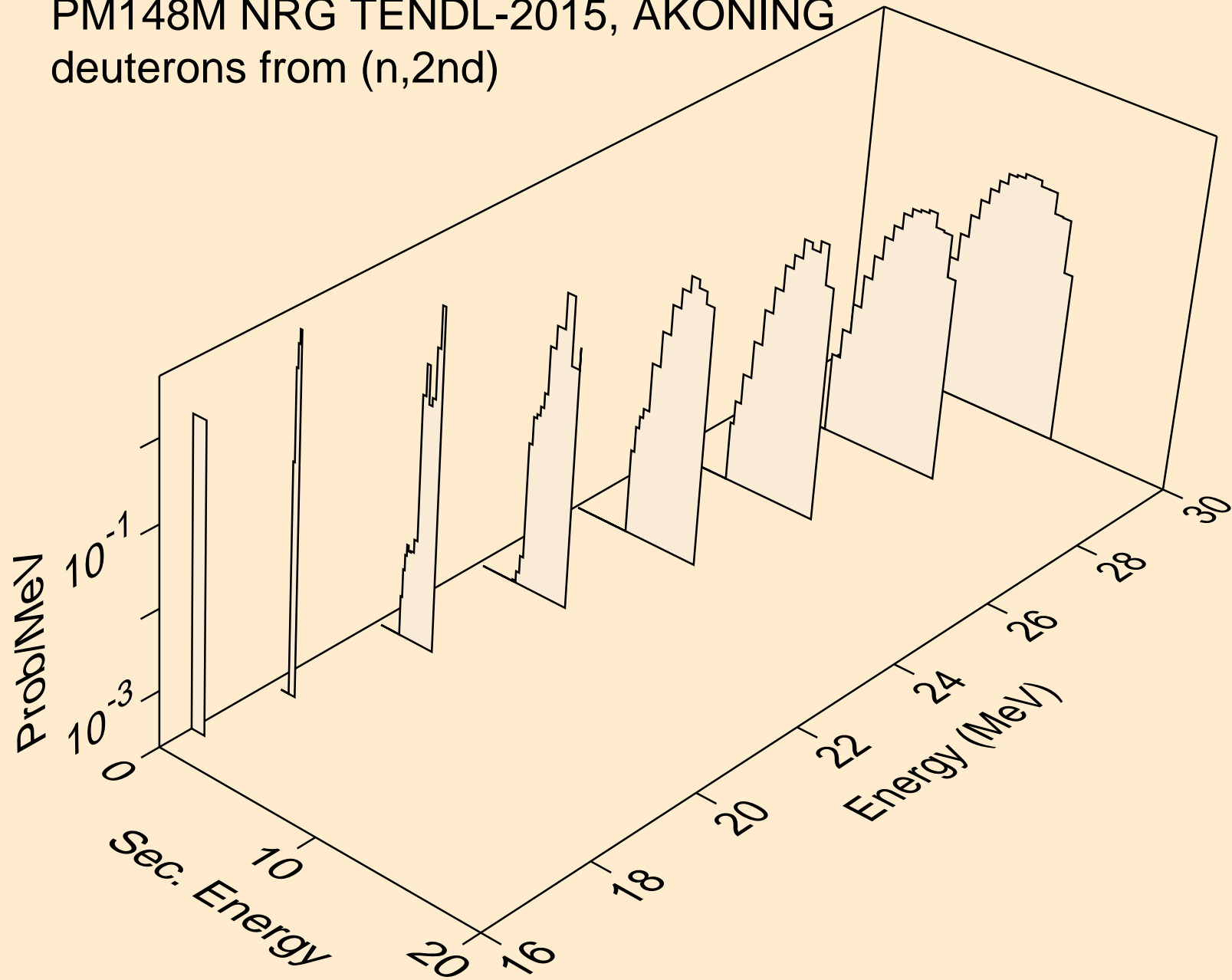


PM148M NRG TENDL-2015, AKONING  
deuterons from (n,x)

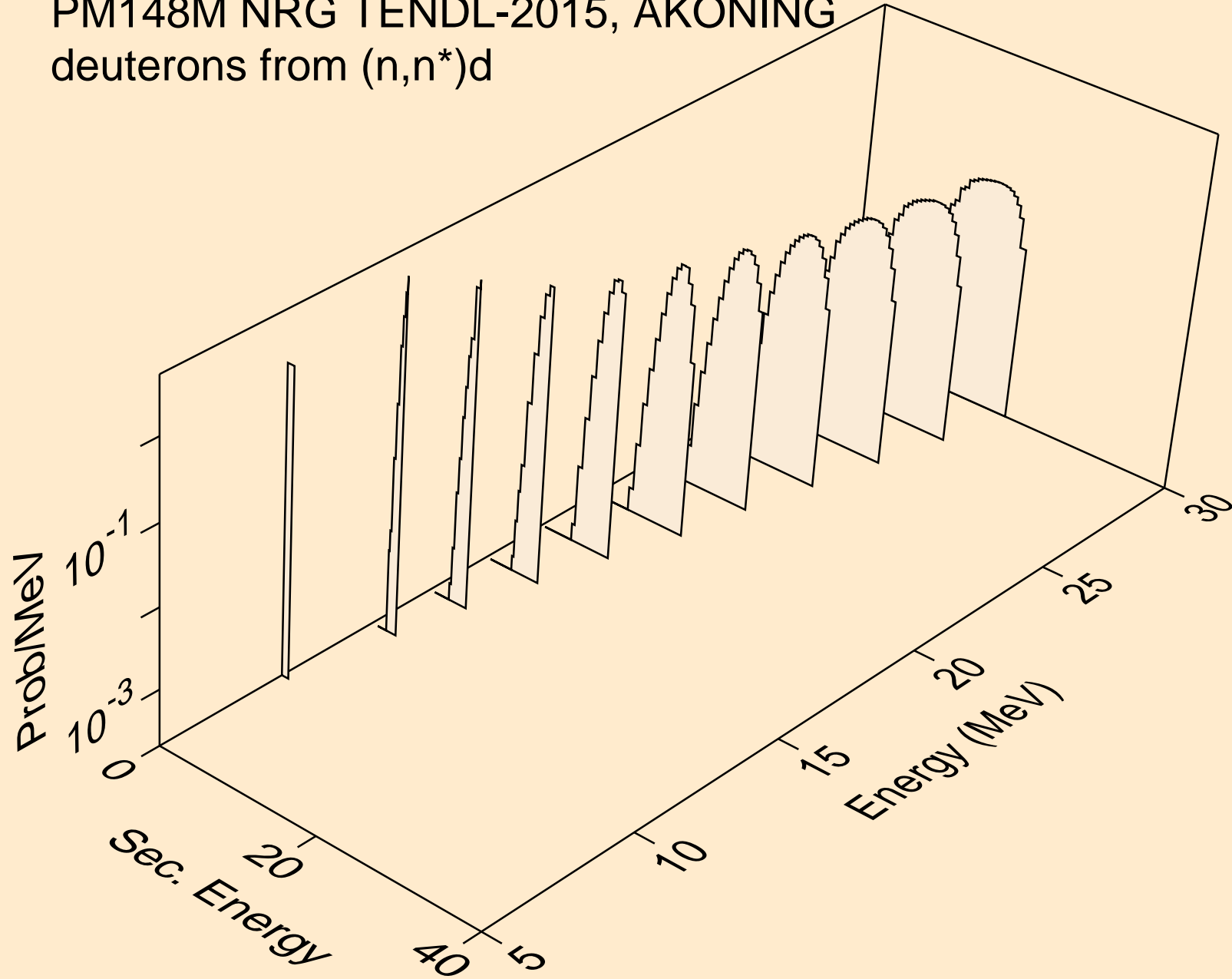




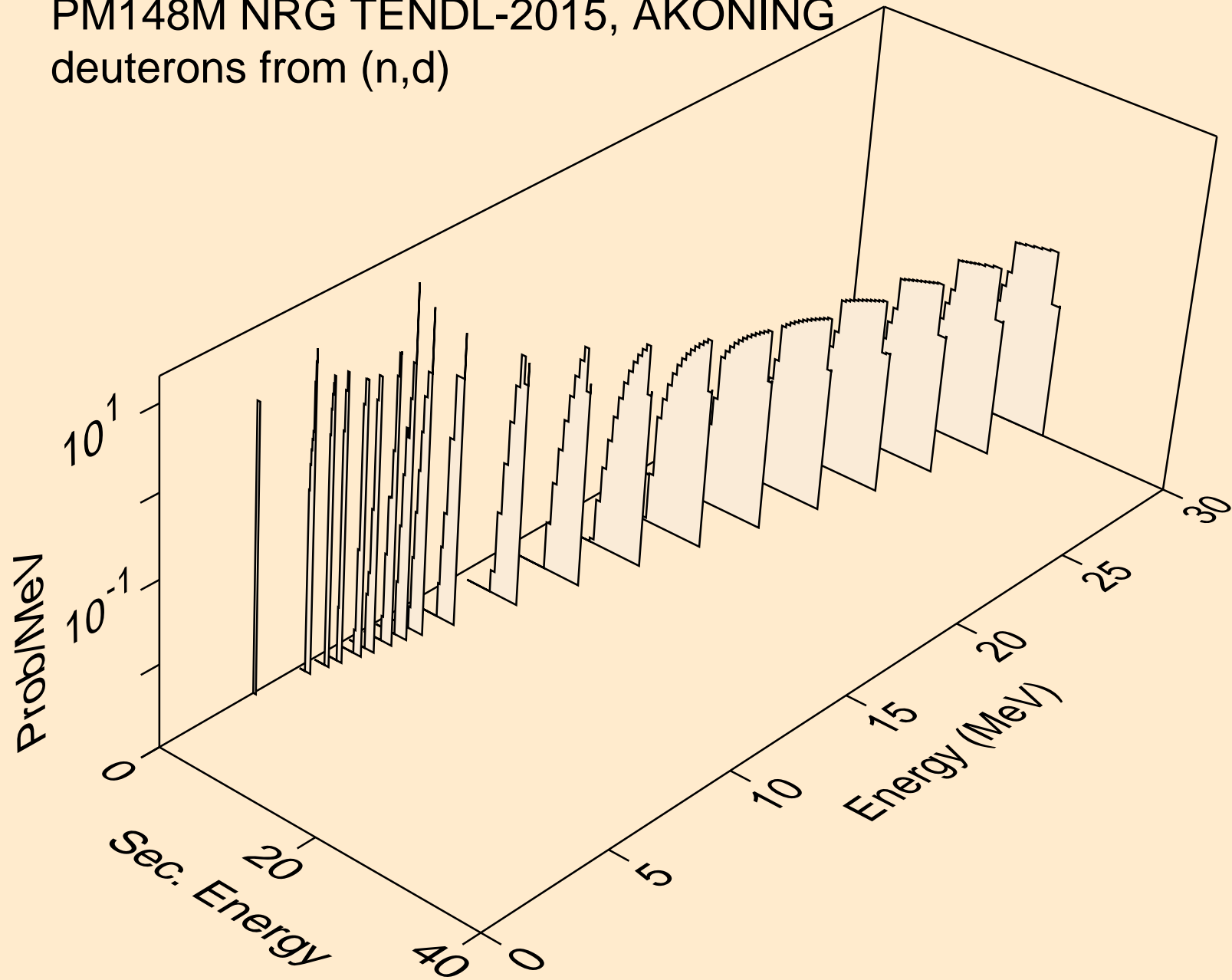
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deuterons from (n,2nd)



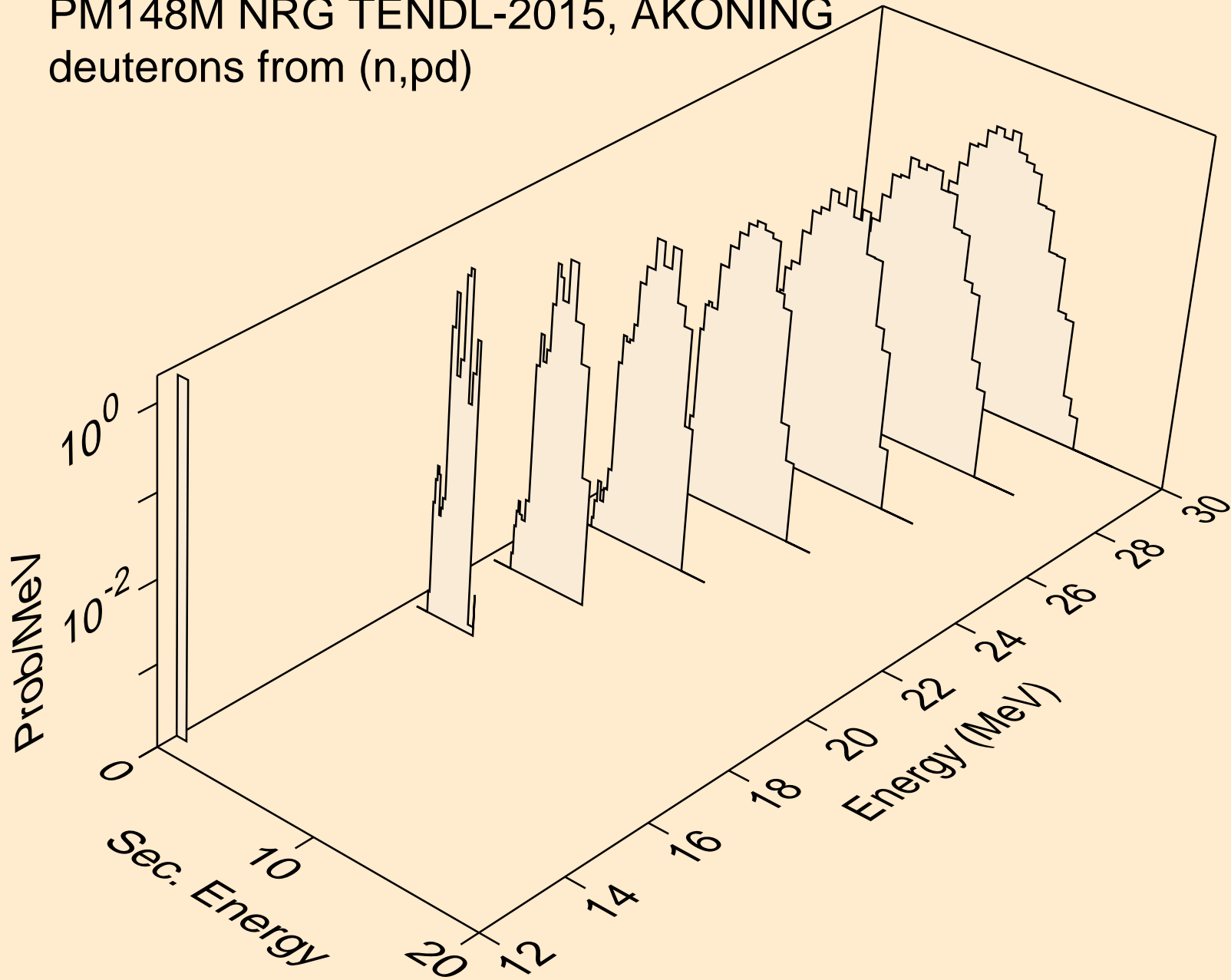
PM148M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



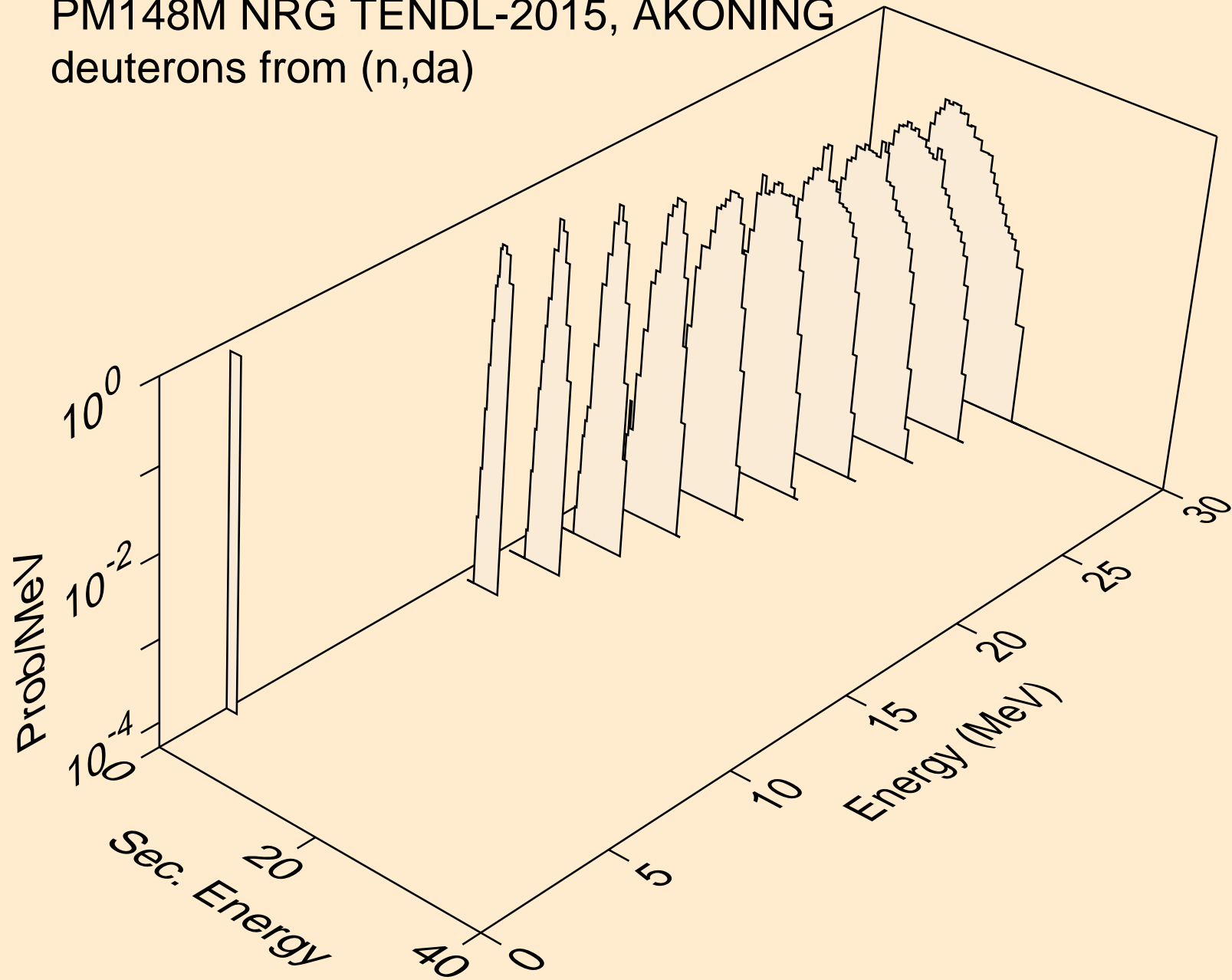
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deuterons from (n,d)



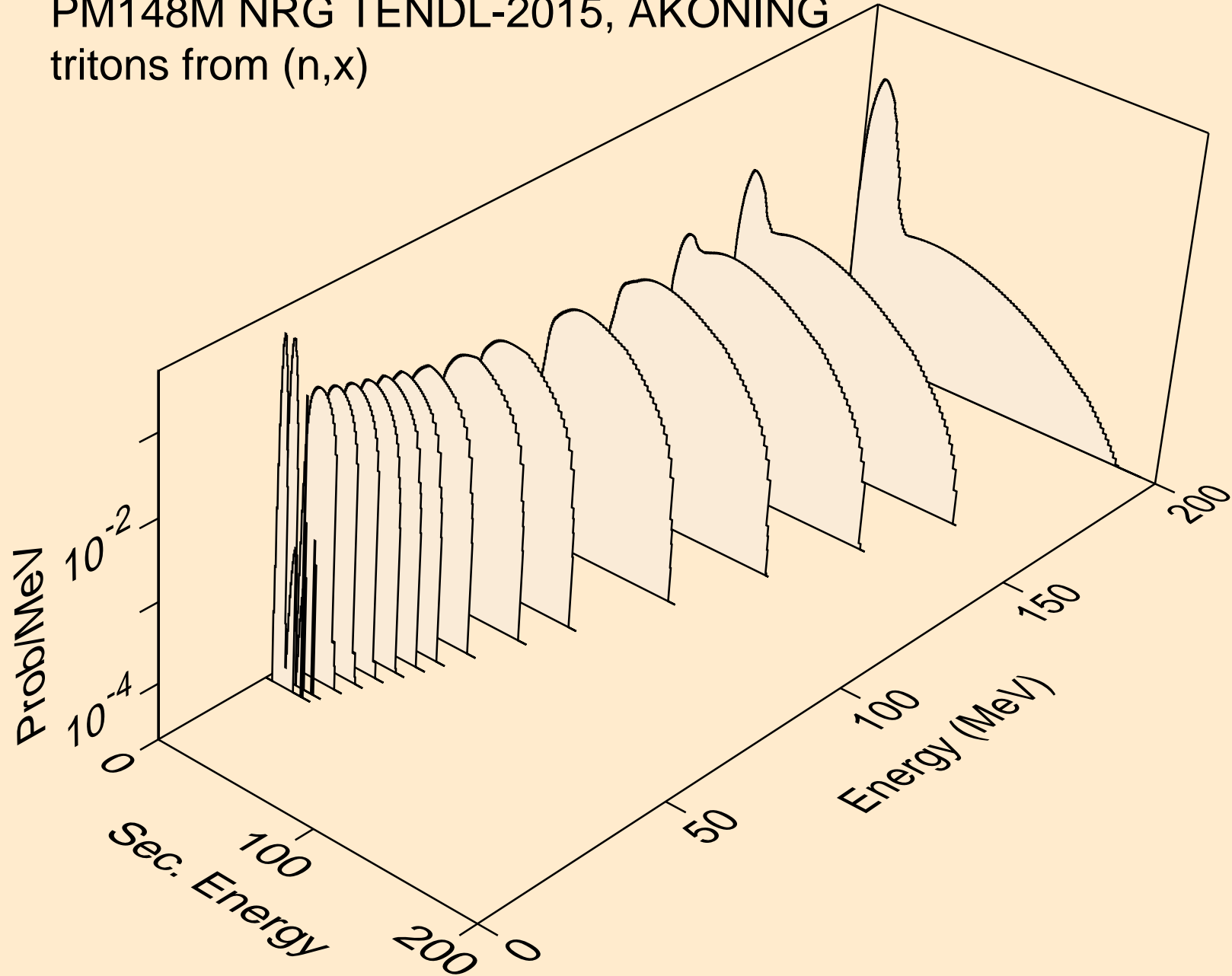
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deuterons from (n,pd)



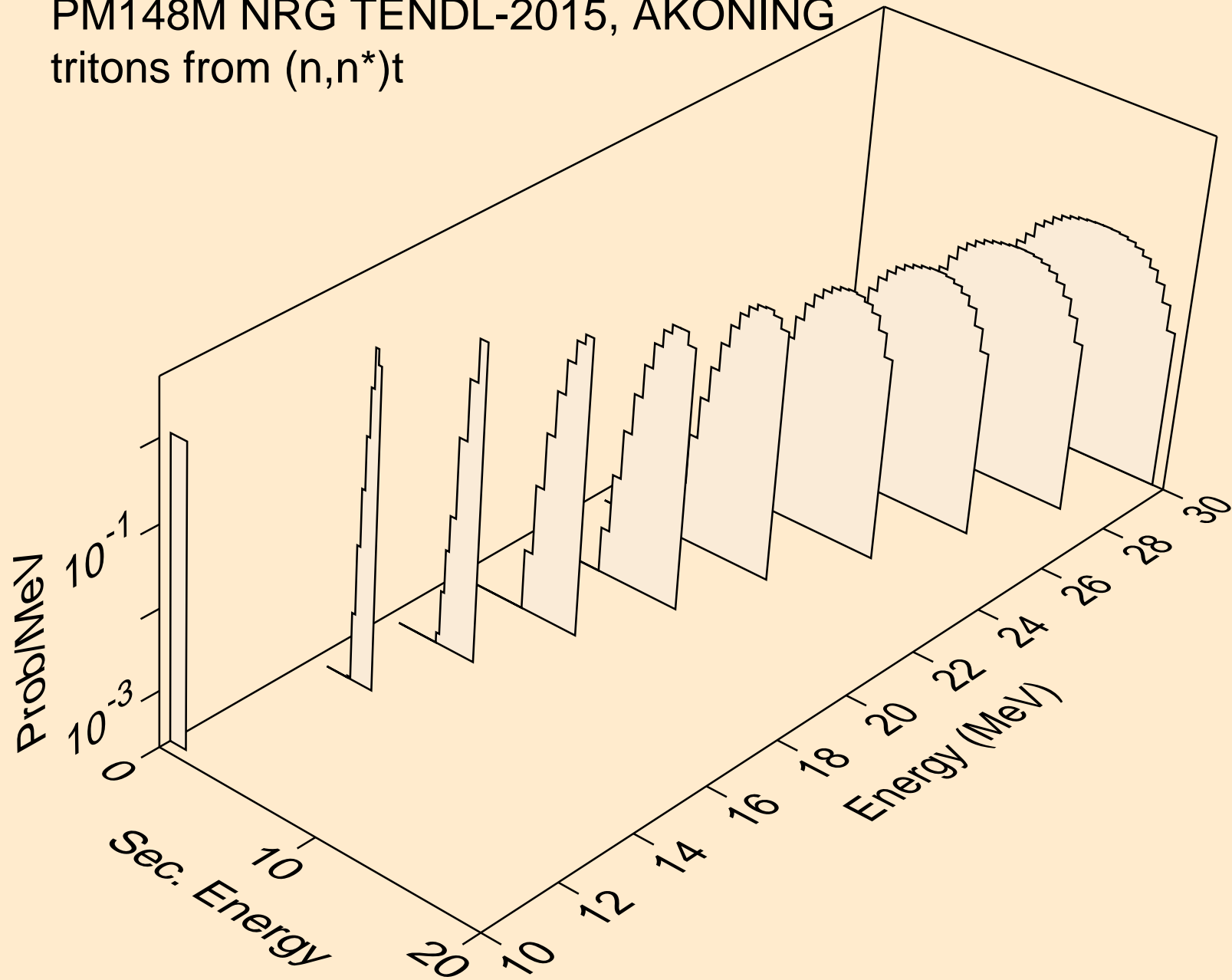
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deuterons from (n,da)



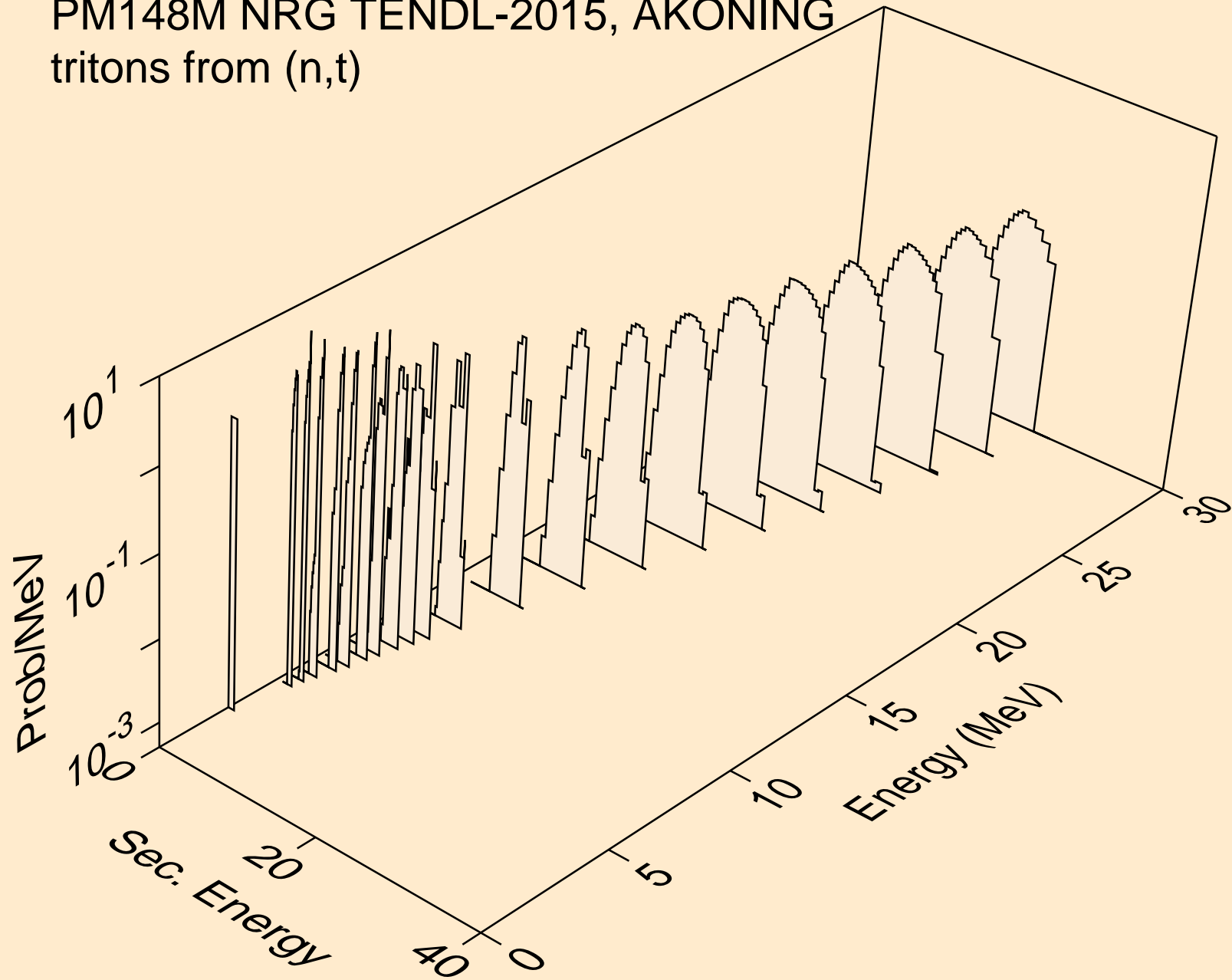
PM148M NRG TENDL-2015, AKONING  
tritons from (n,x)



PM148M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

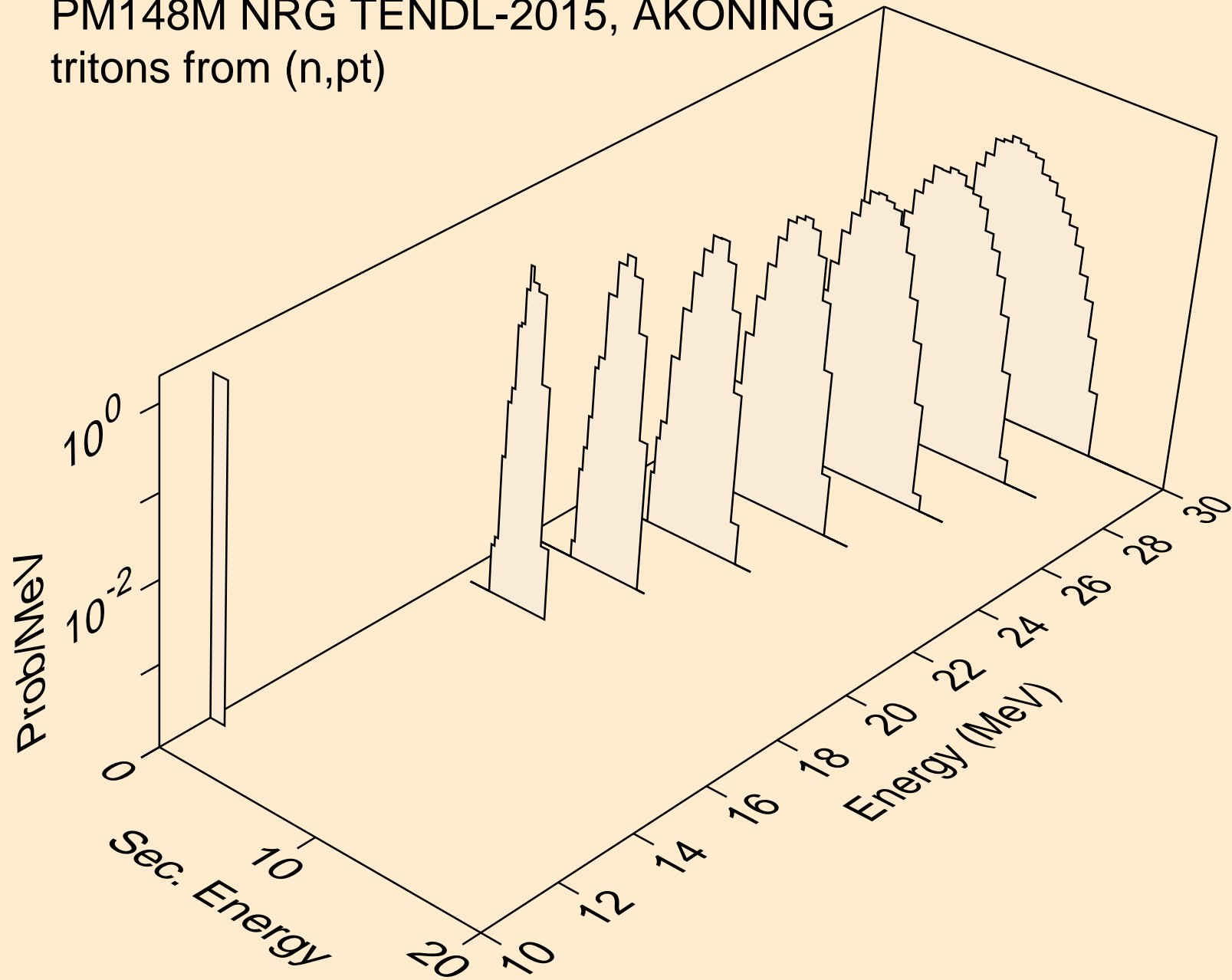


PM148M NRG TENDL-2015, AKONING  
tritons from (n,t)

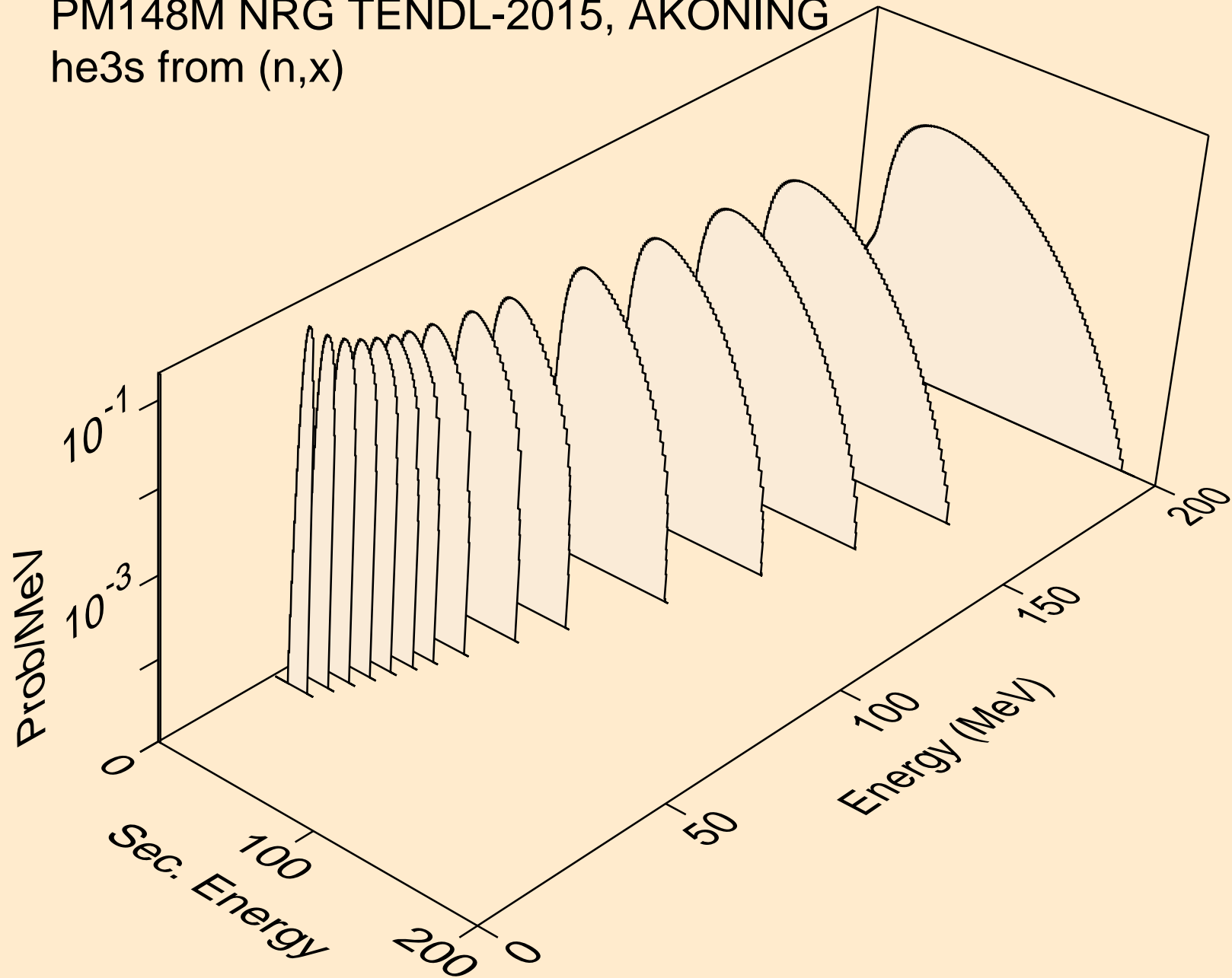




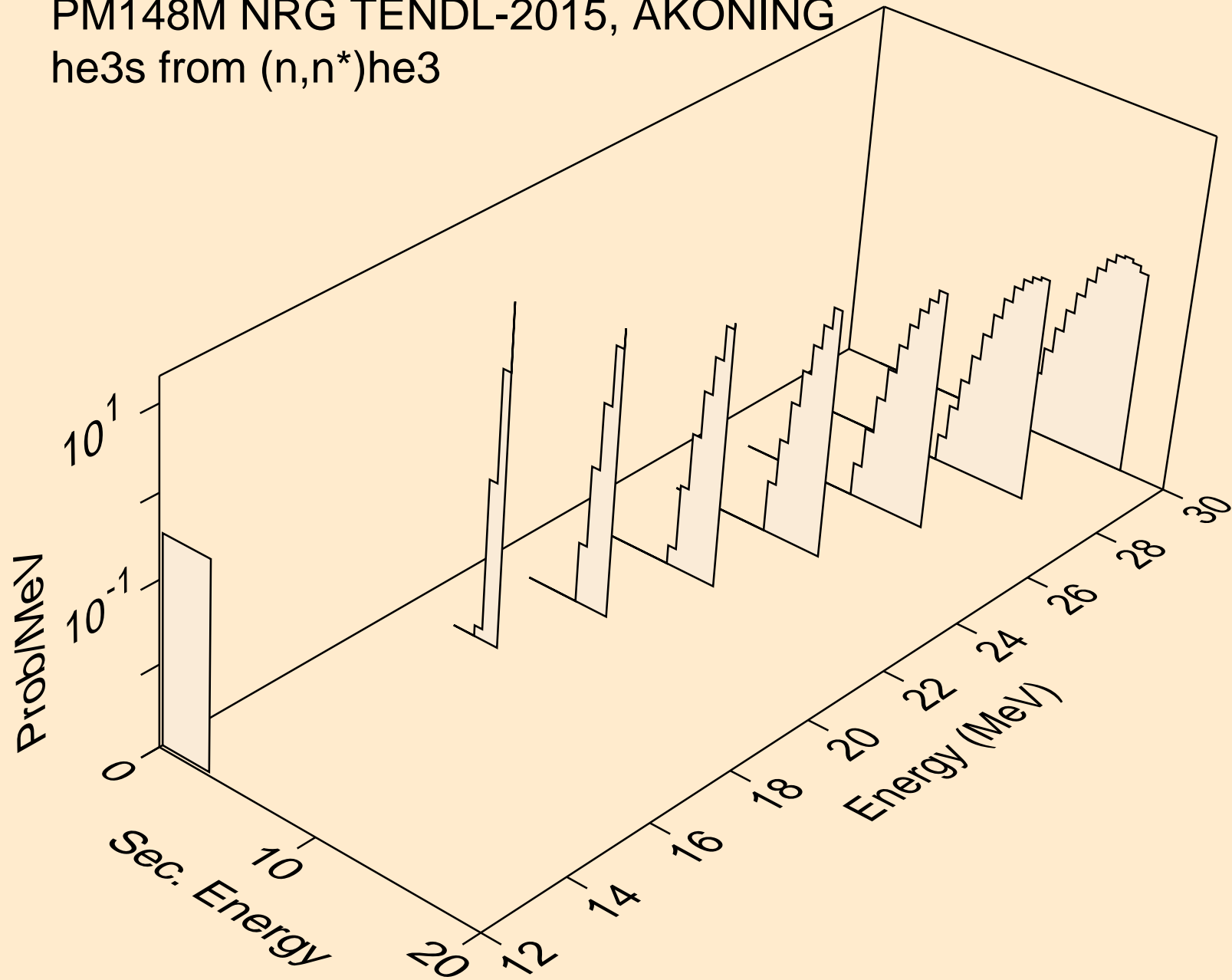
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tritons from (n,pt)



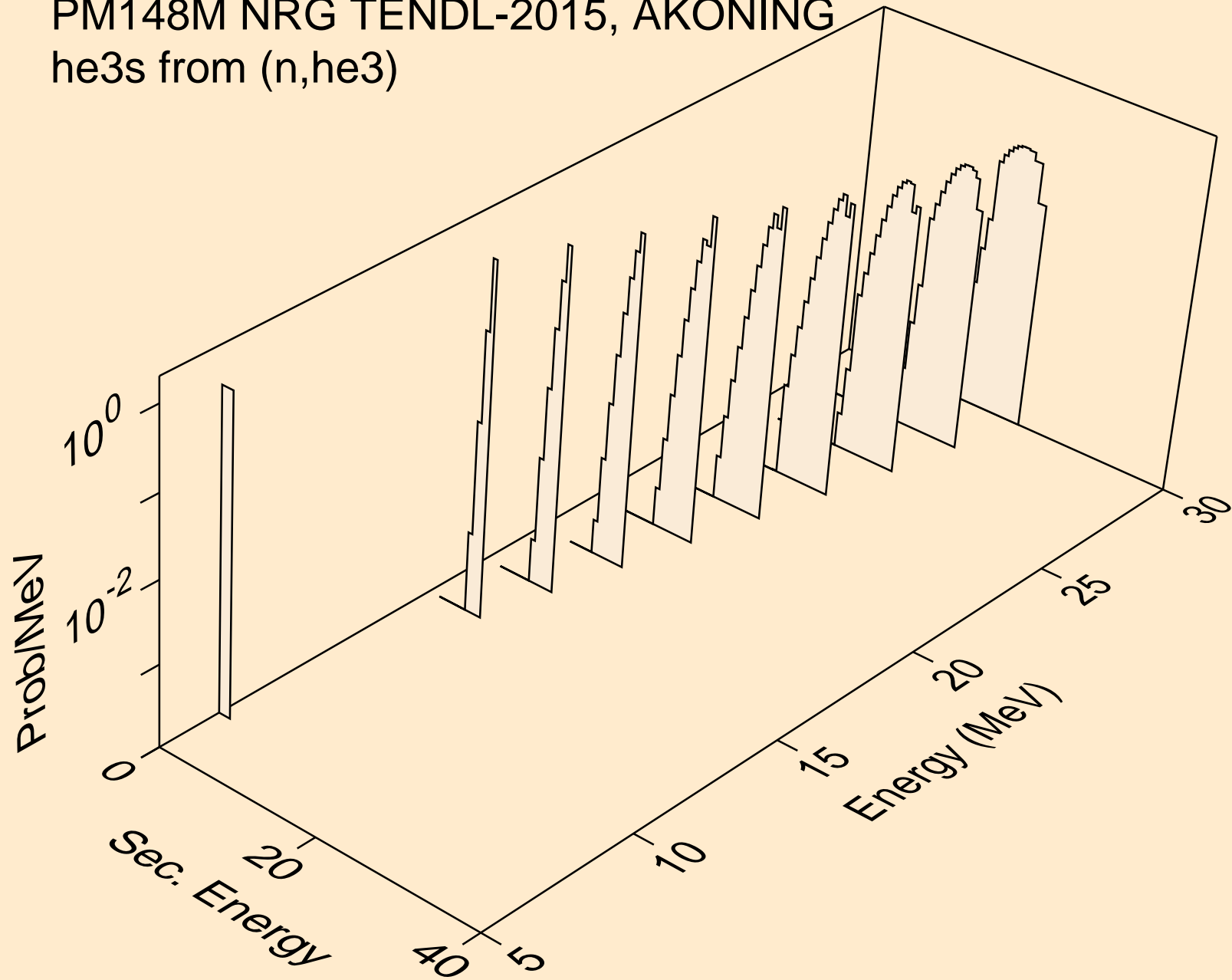
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he3s from (n,x)



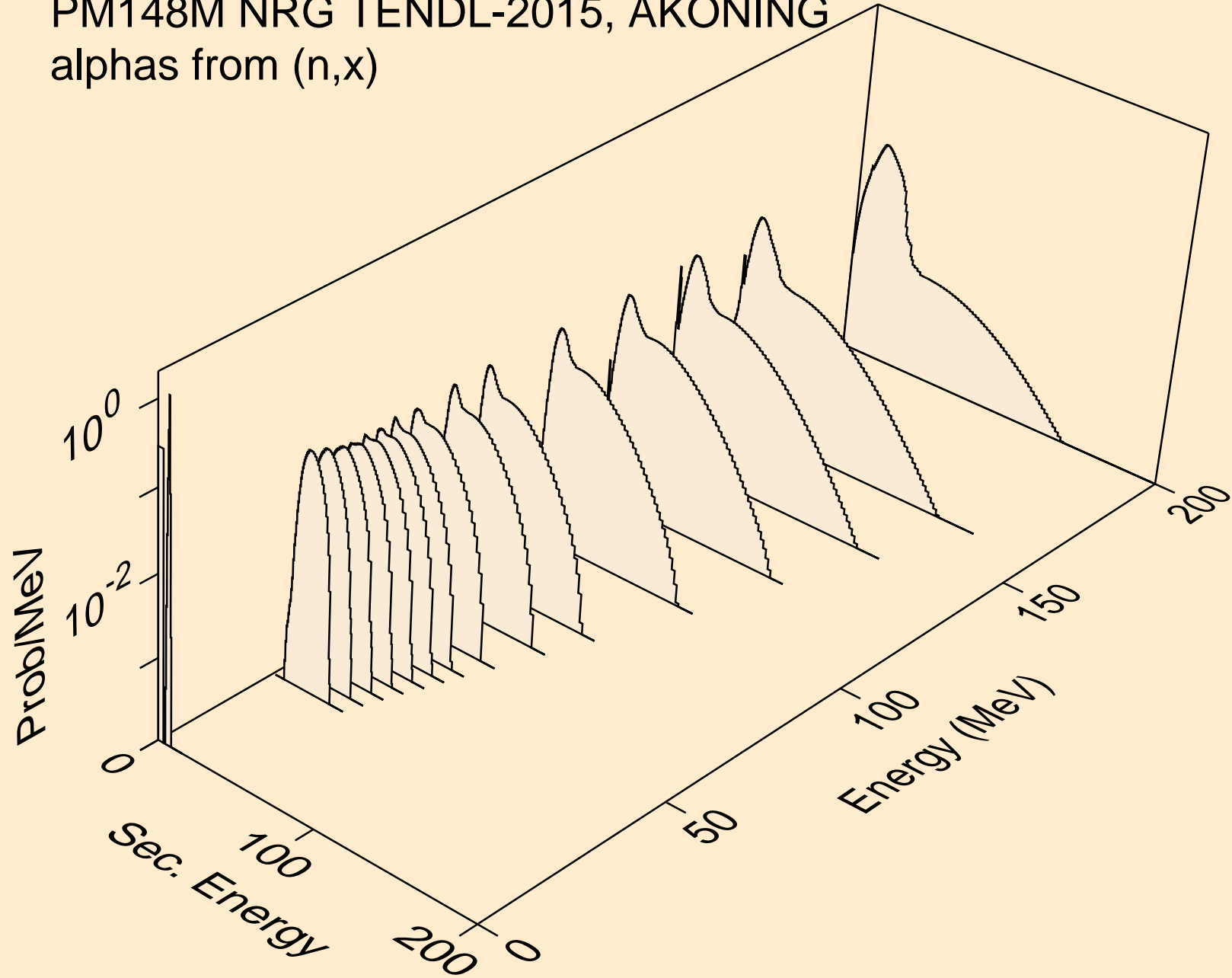
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he3s from (n,n\*)he3



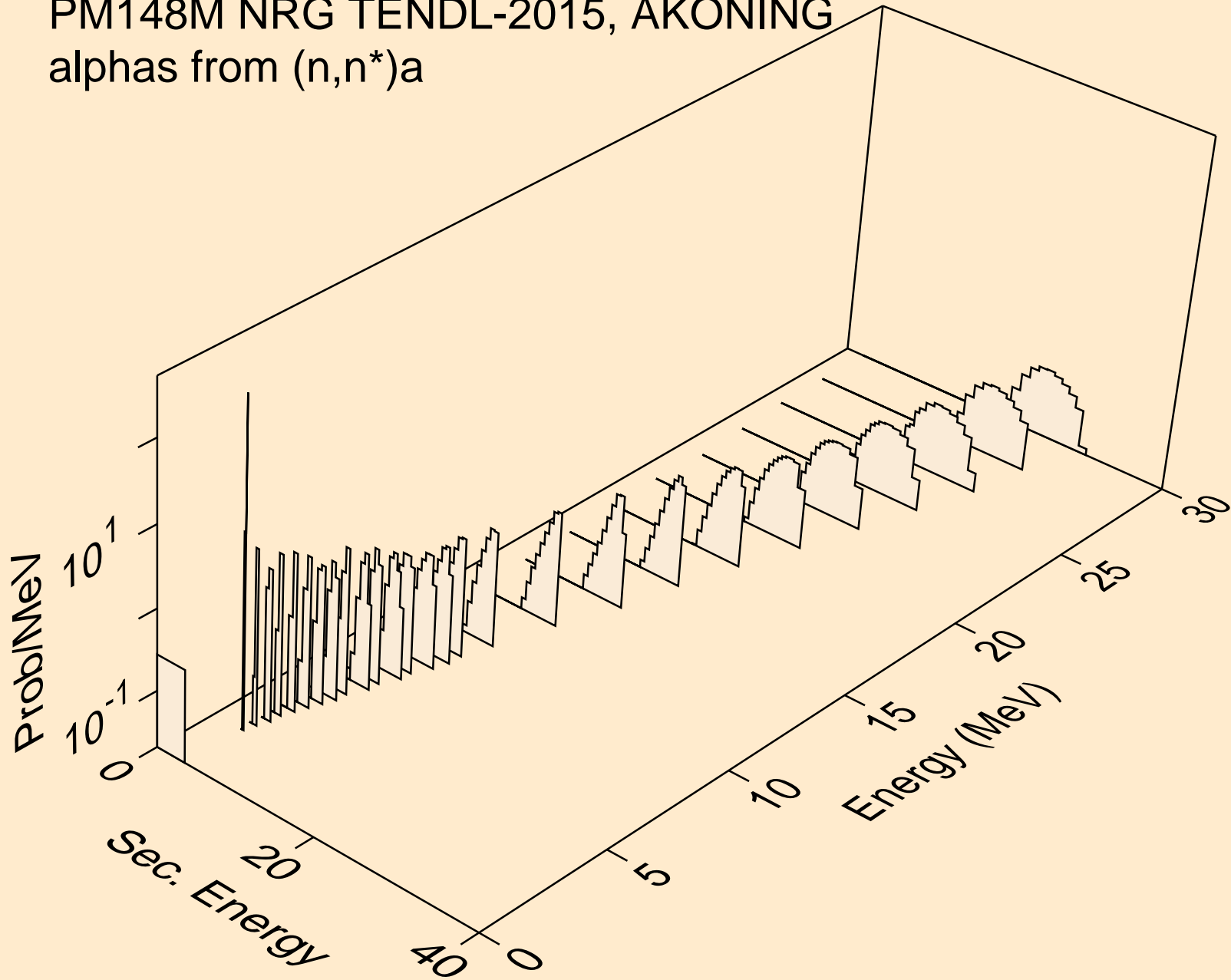
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he3s from (n,he3)



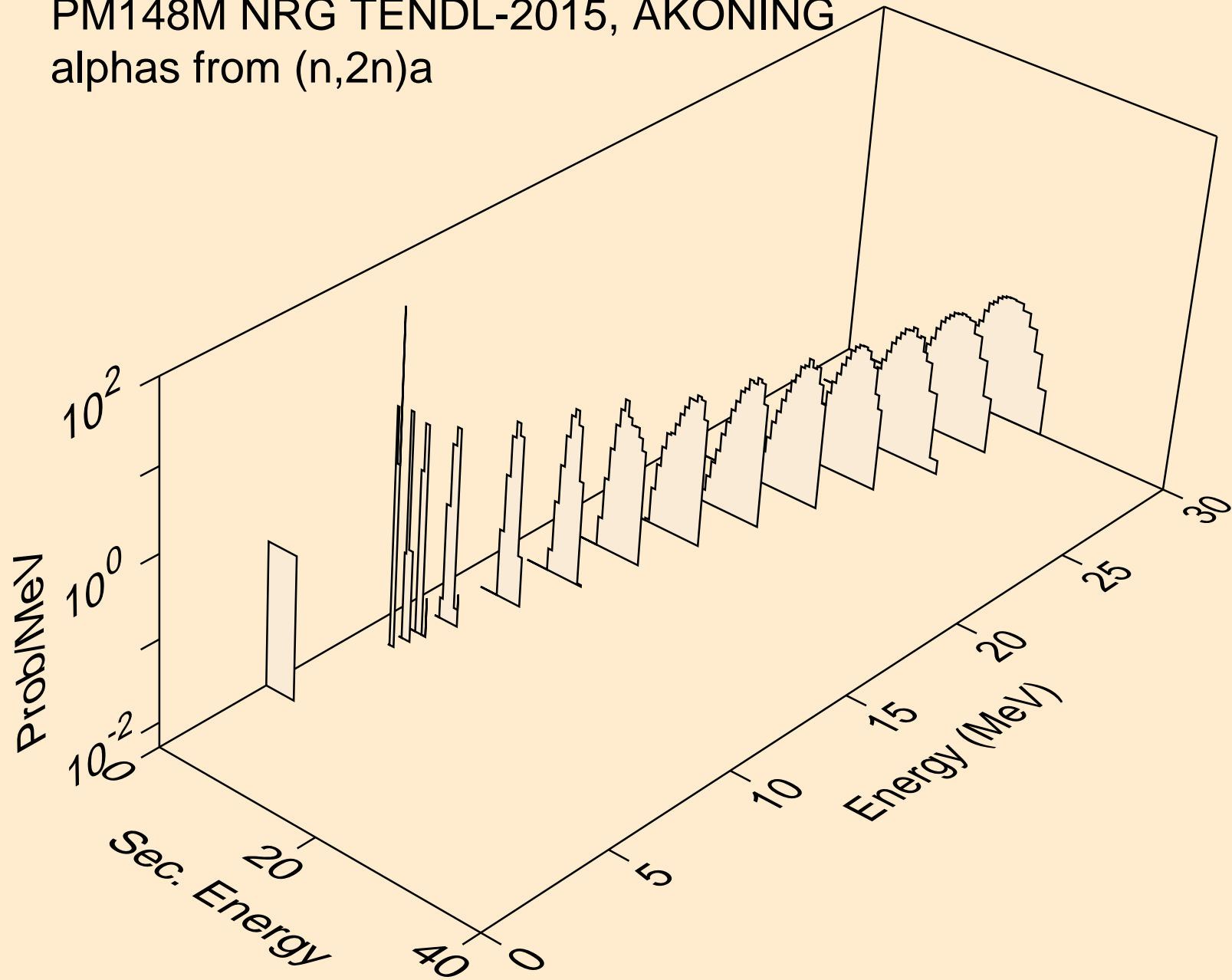
PM148M NRG TENDL-2015, AKONING  
alphas from (n,x)



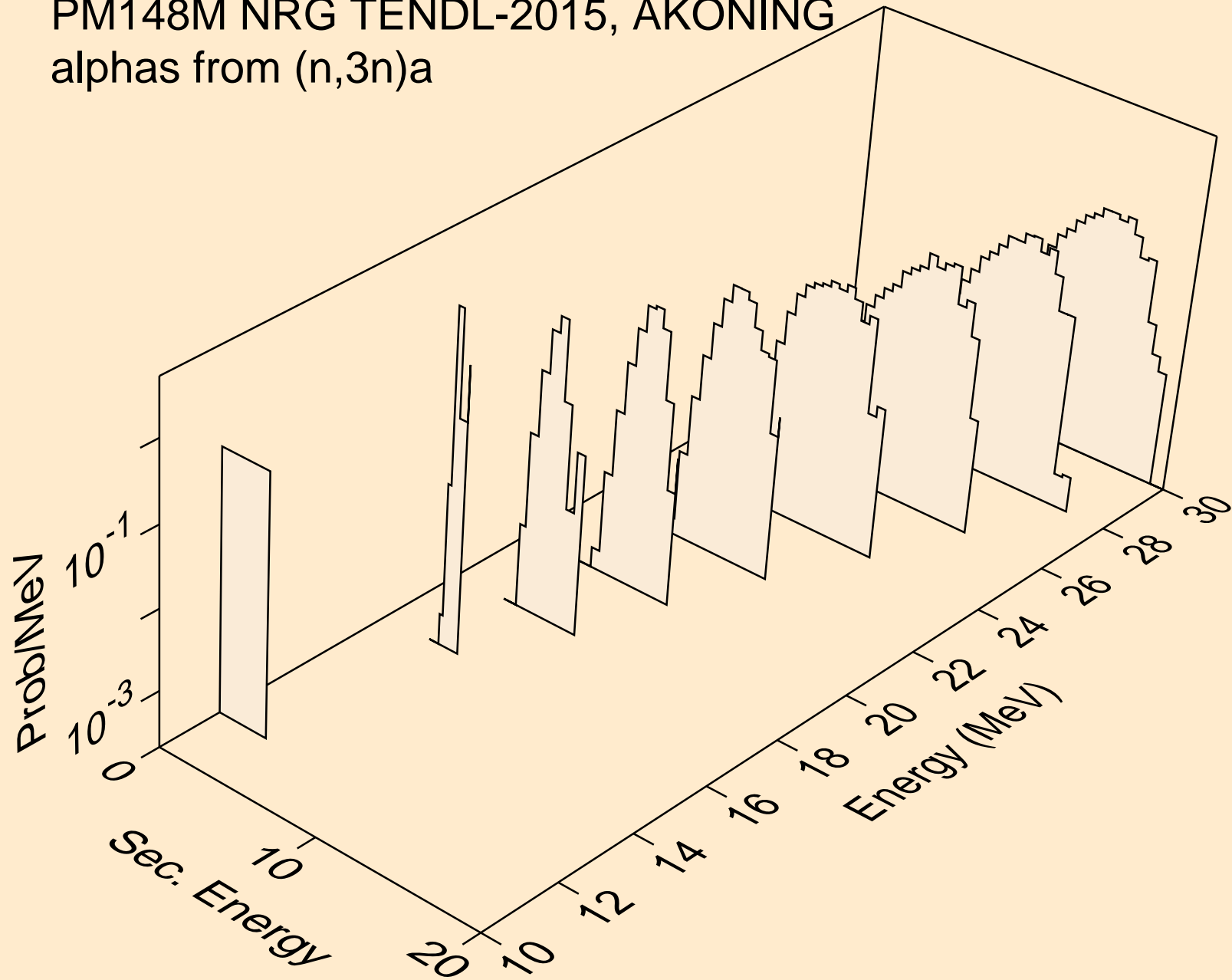
PM148M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



PM148M NRG TENDL-2015, AKONING  
alphas from (n,2n)a

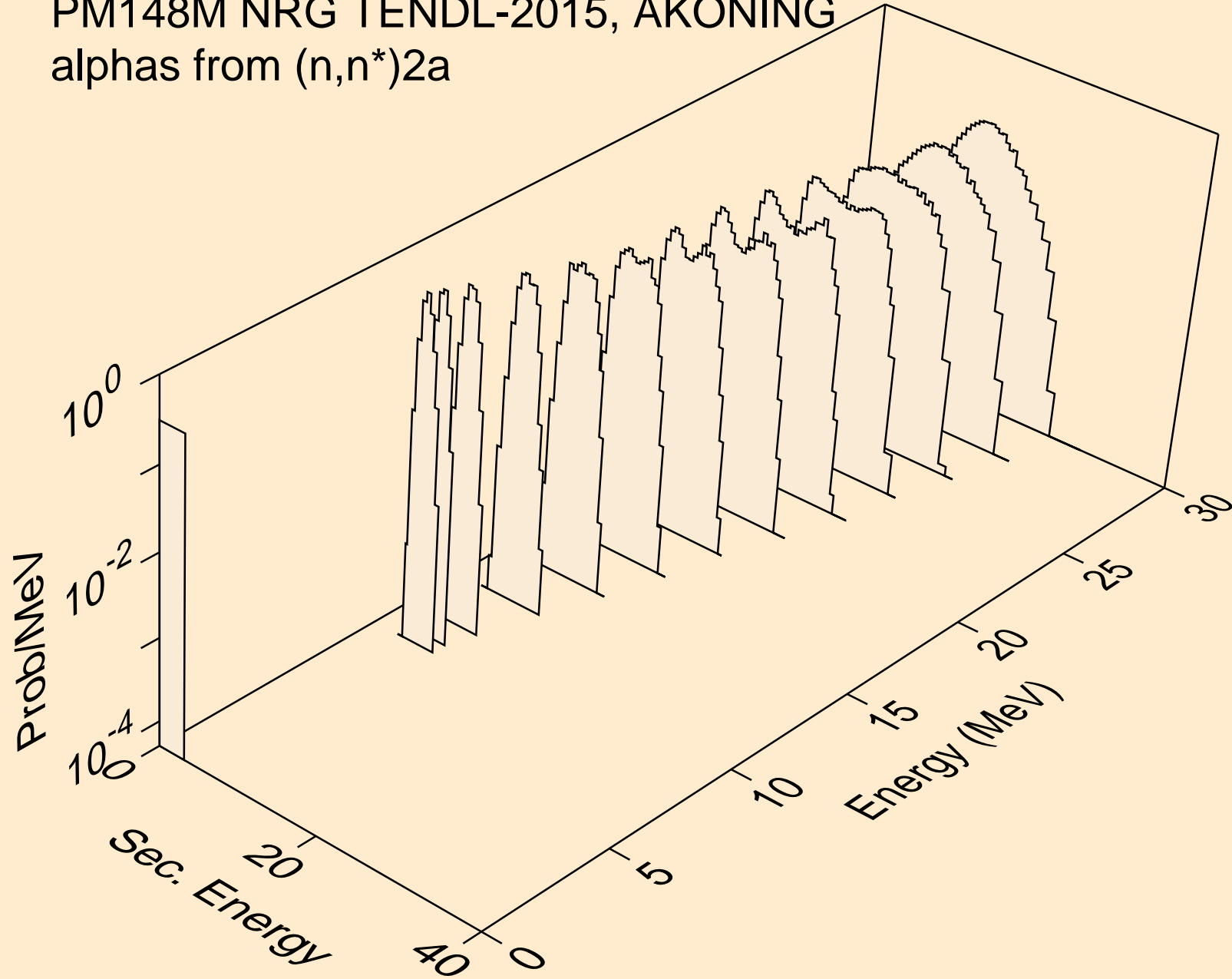


PM148M NRG TENDL-2015, AKONING  
alphas from (n,3n)a

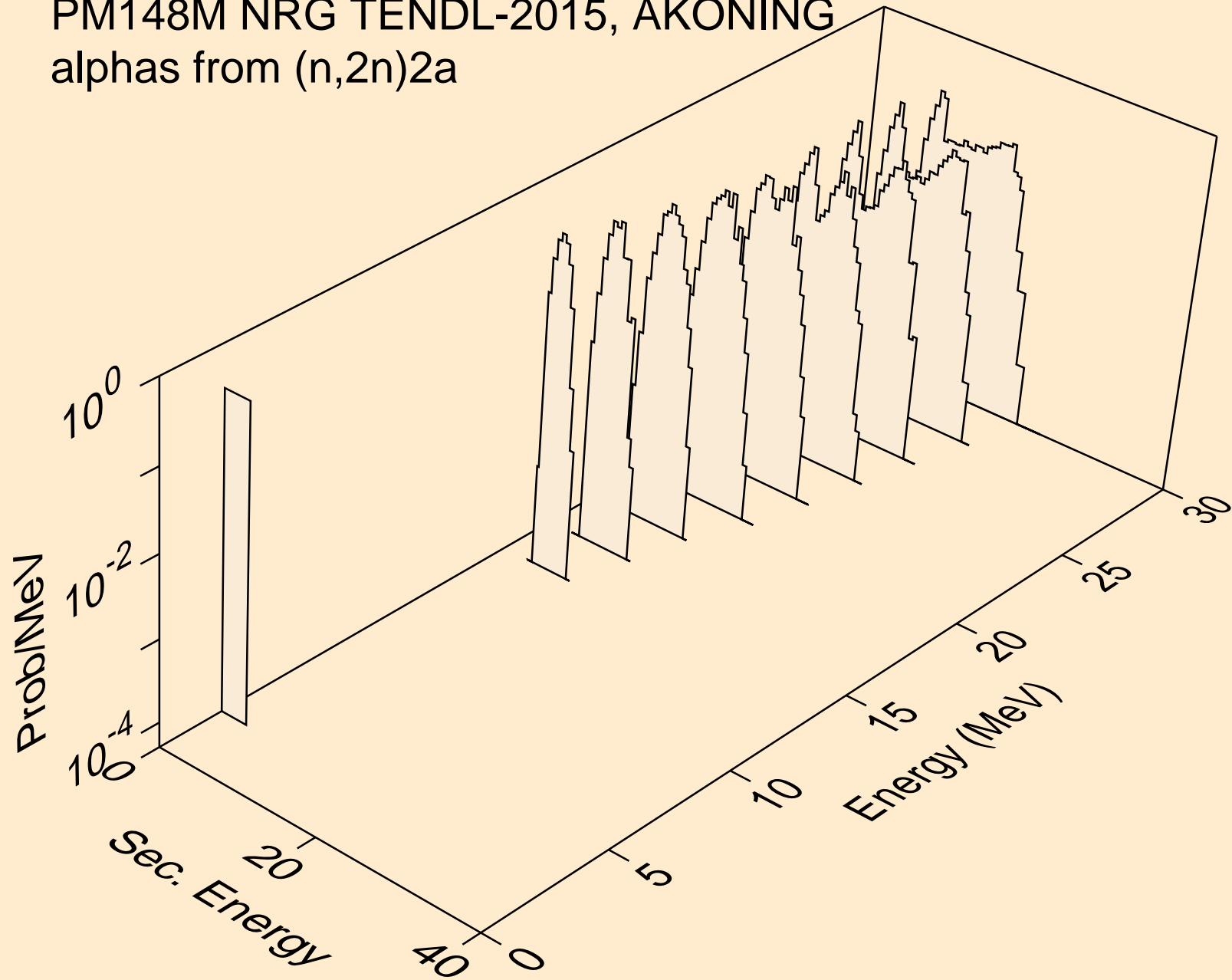




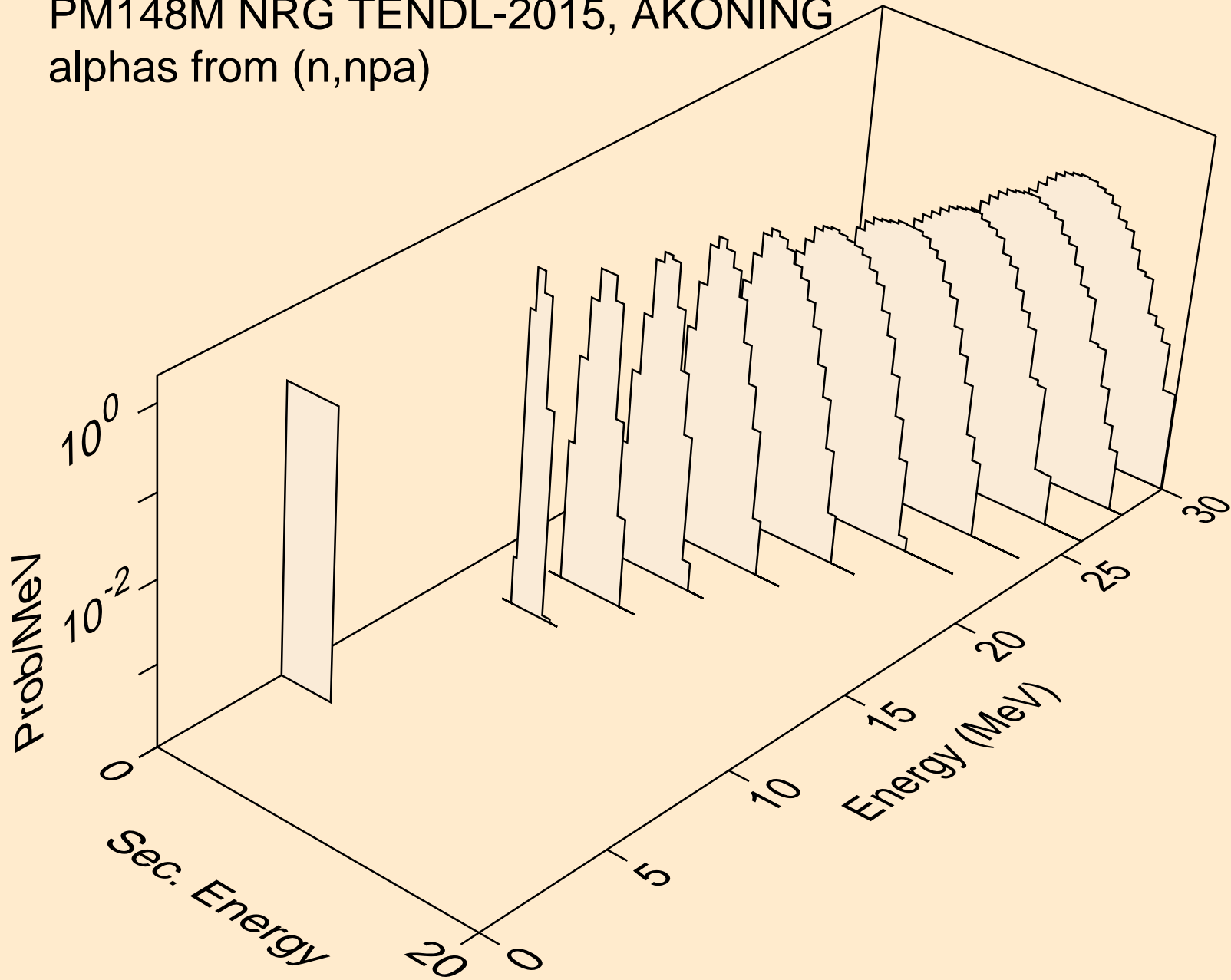
PM148M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



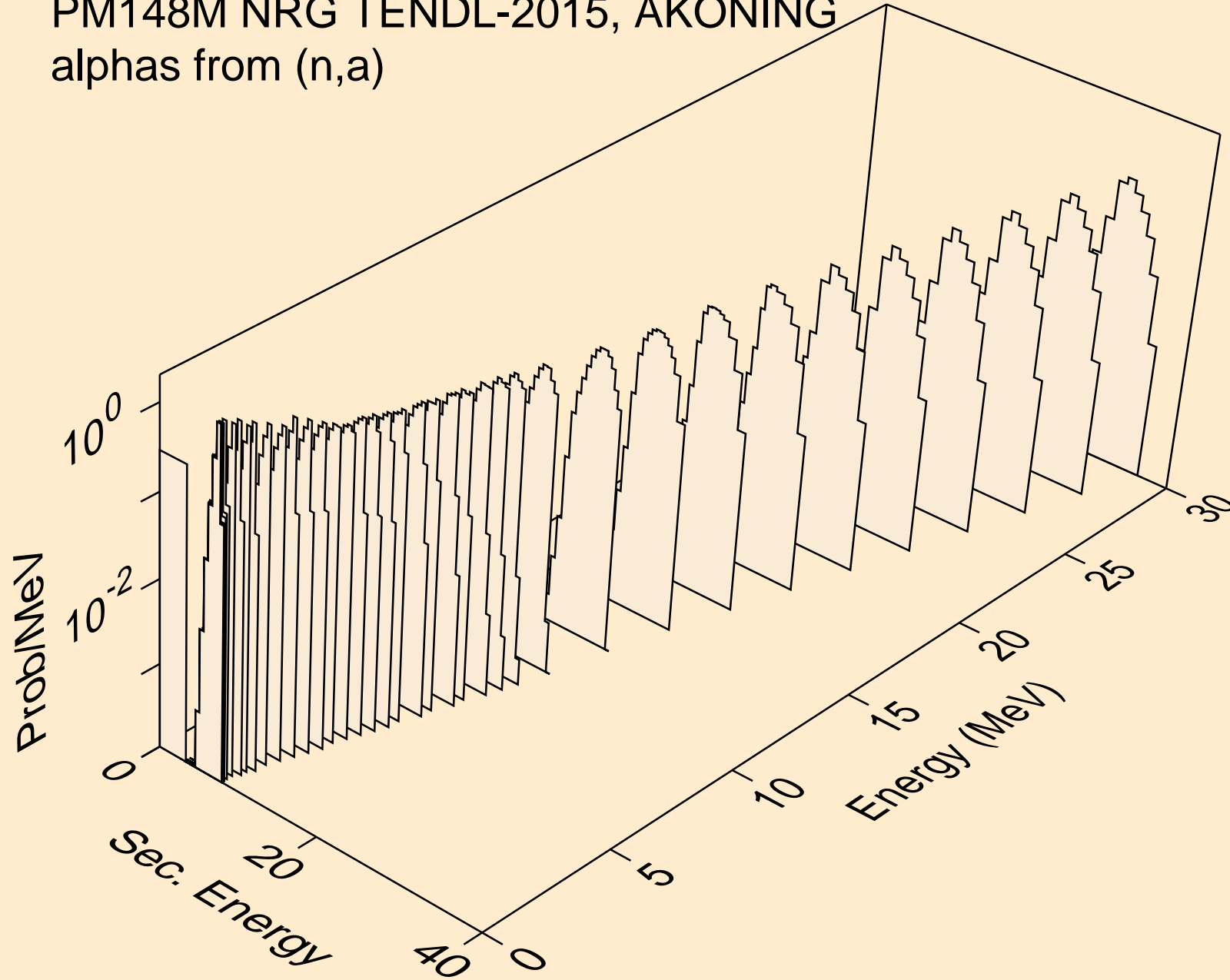
PM148M NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



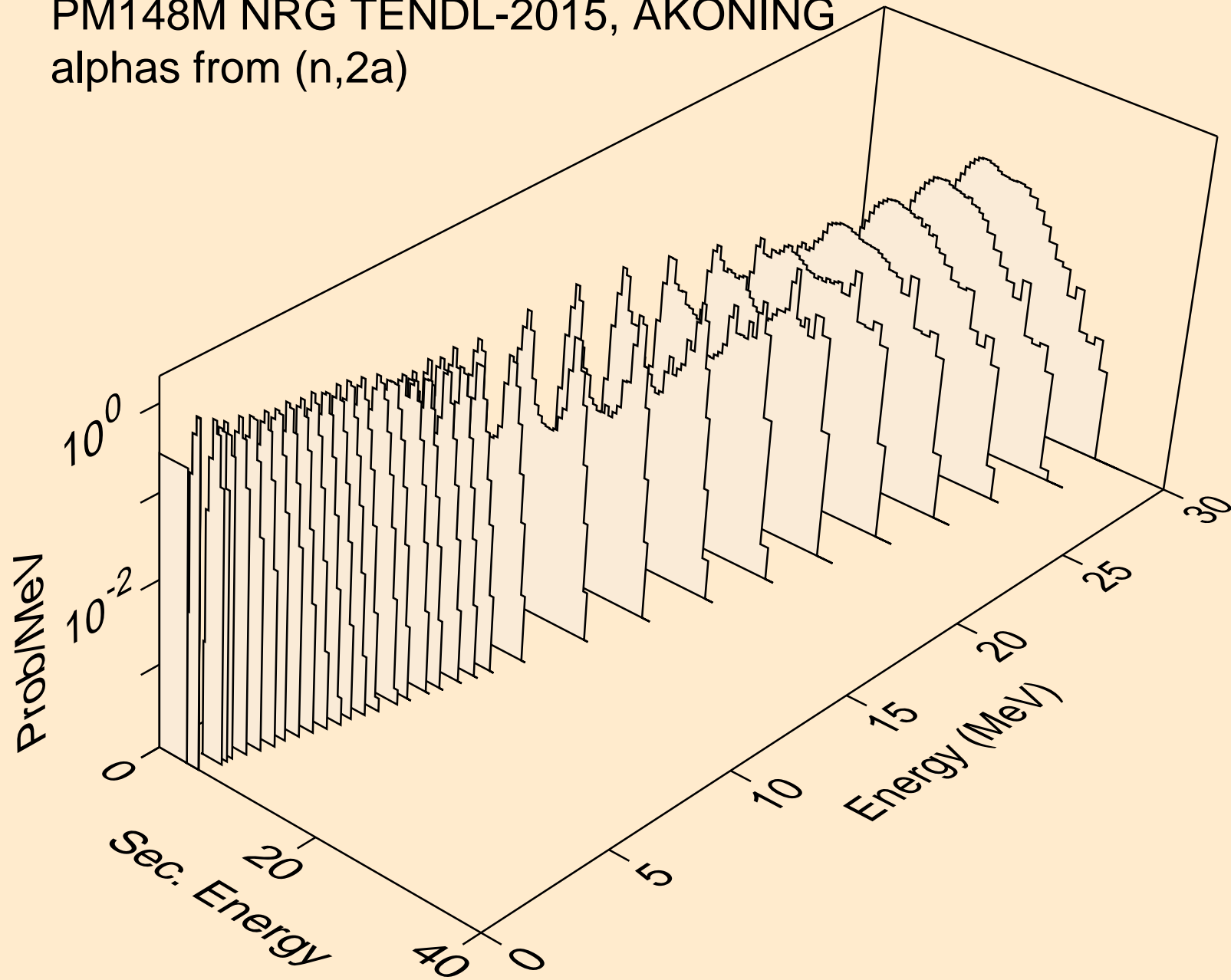
PM148M NRG TENDL-2015, AKONING  
alphas from (n,npa)



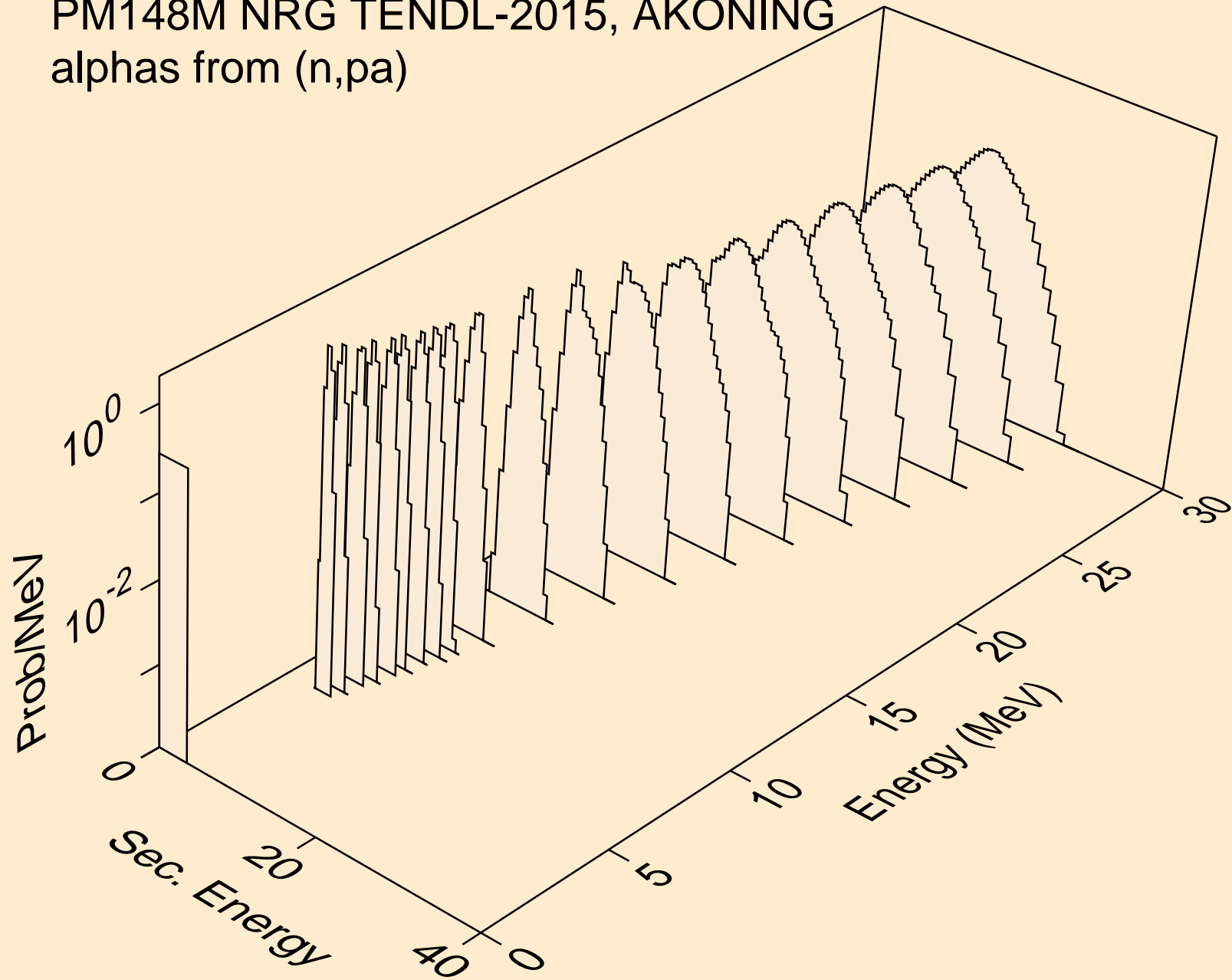
PM148M NRG TENDL-2015, AKONING  
alphas from (n,a)



PM148M NRG TENDL-2015, AKONING  
alphas from (n,2a)



PM148M NRG TENDL-2015, AKONING  
alphas from (n,pa)



PM148M NRG TENDL-2015, AKONING  
alphas from (n,da)

