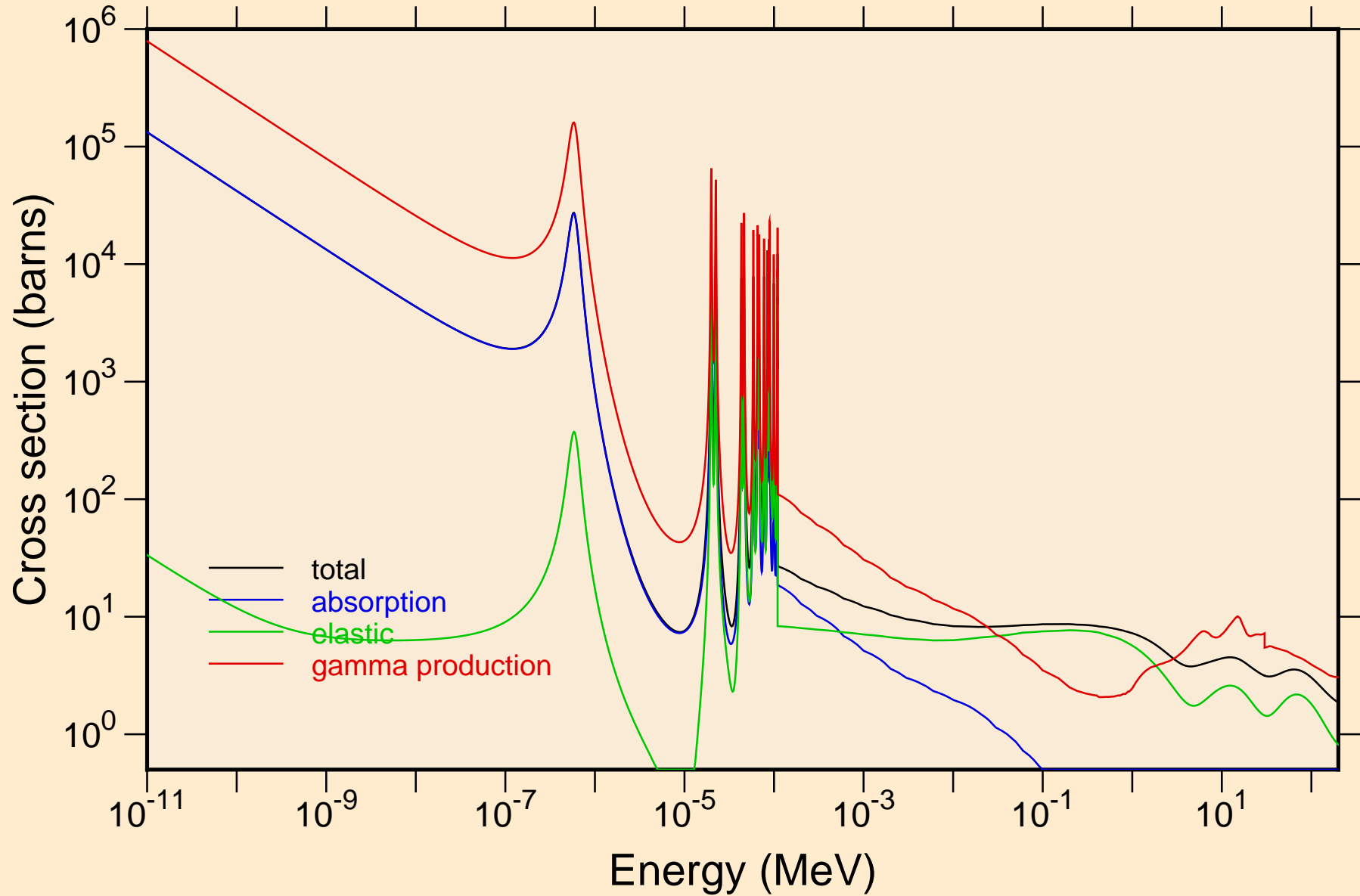
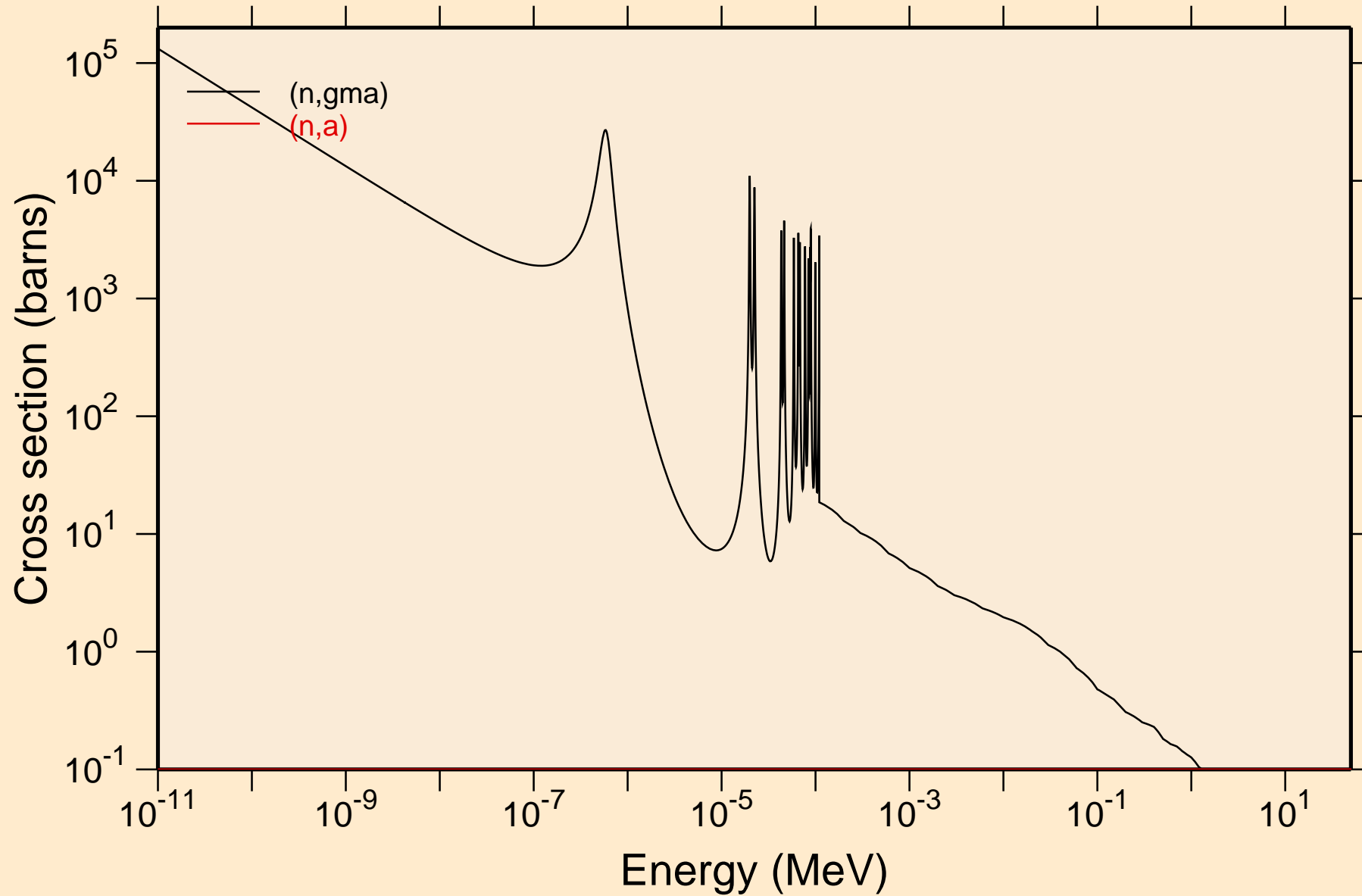


# PD111M NRG TENDL-2015, AKONING

## Principal cross sections

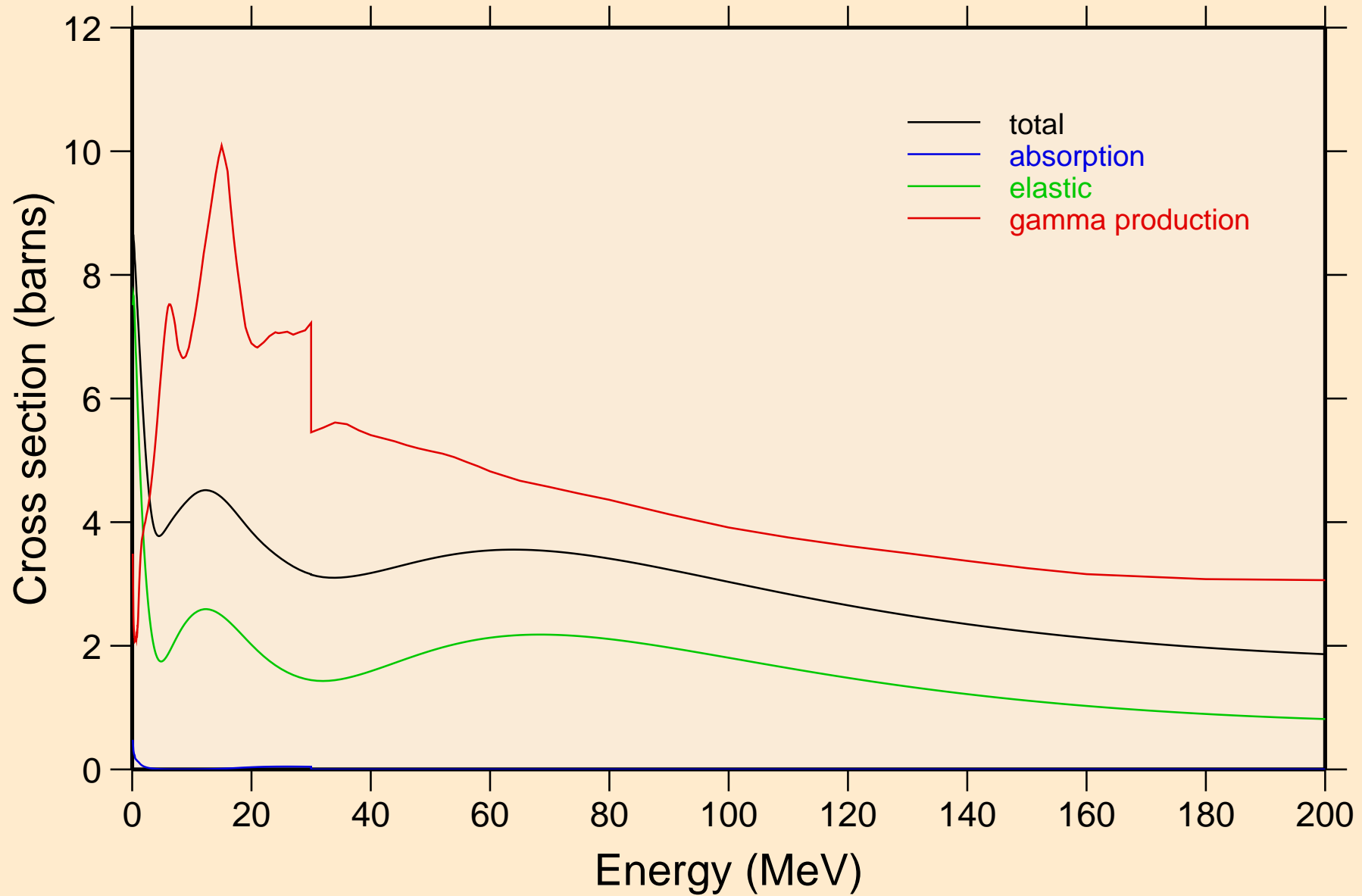


PD111M NRG TENDL-2015, AKONING  
Non-threshold reactions



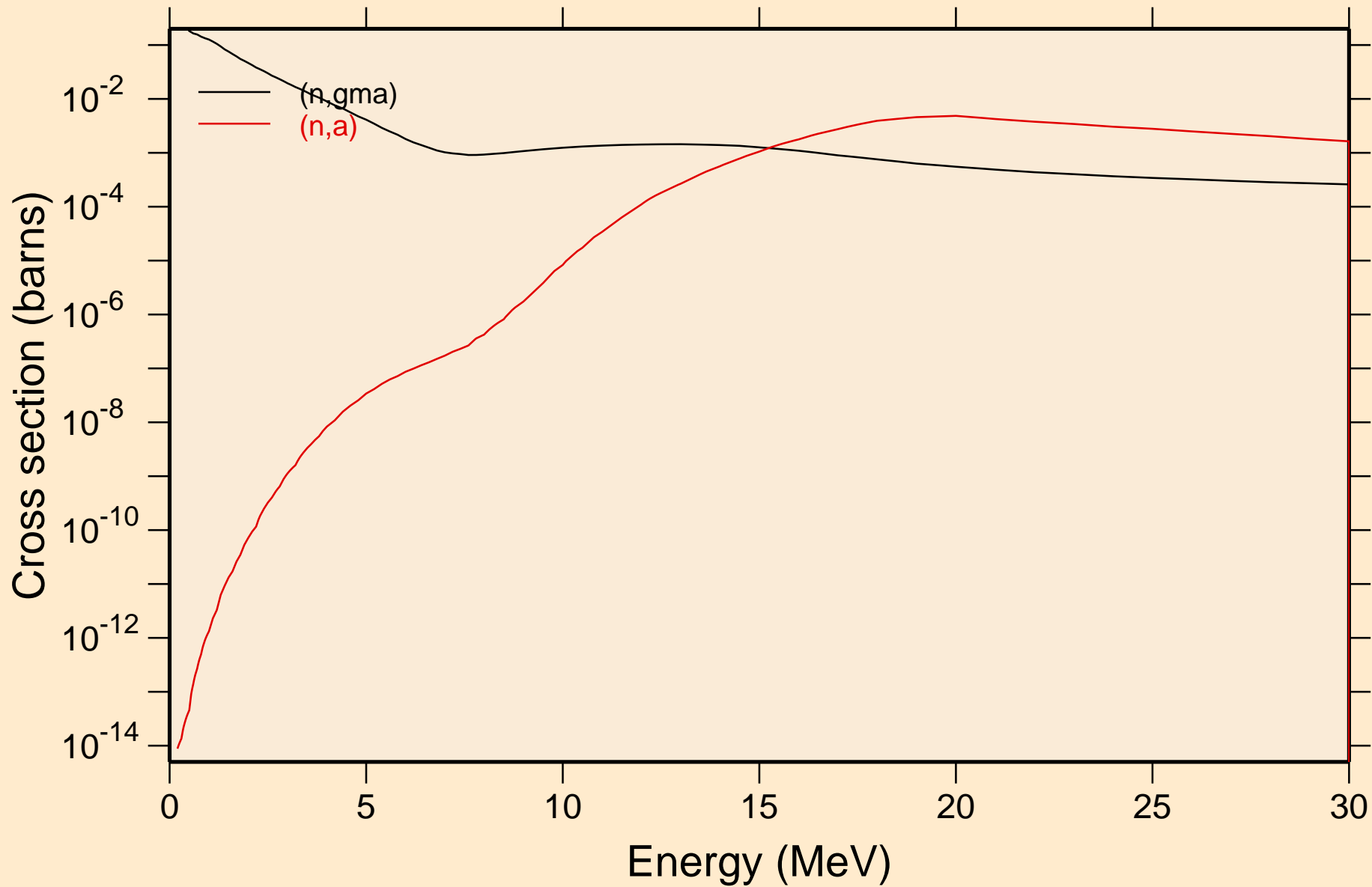
# PD111M NRG TENDL-2015, AKONING

## Principal cross sections



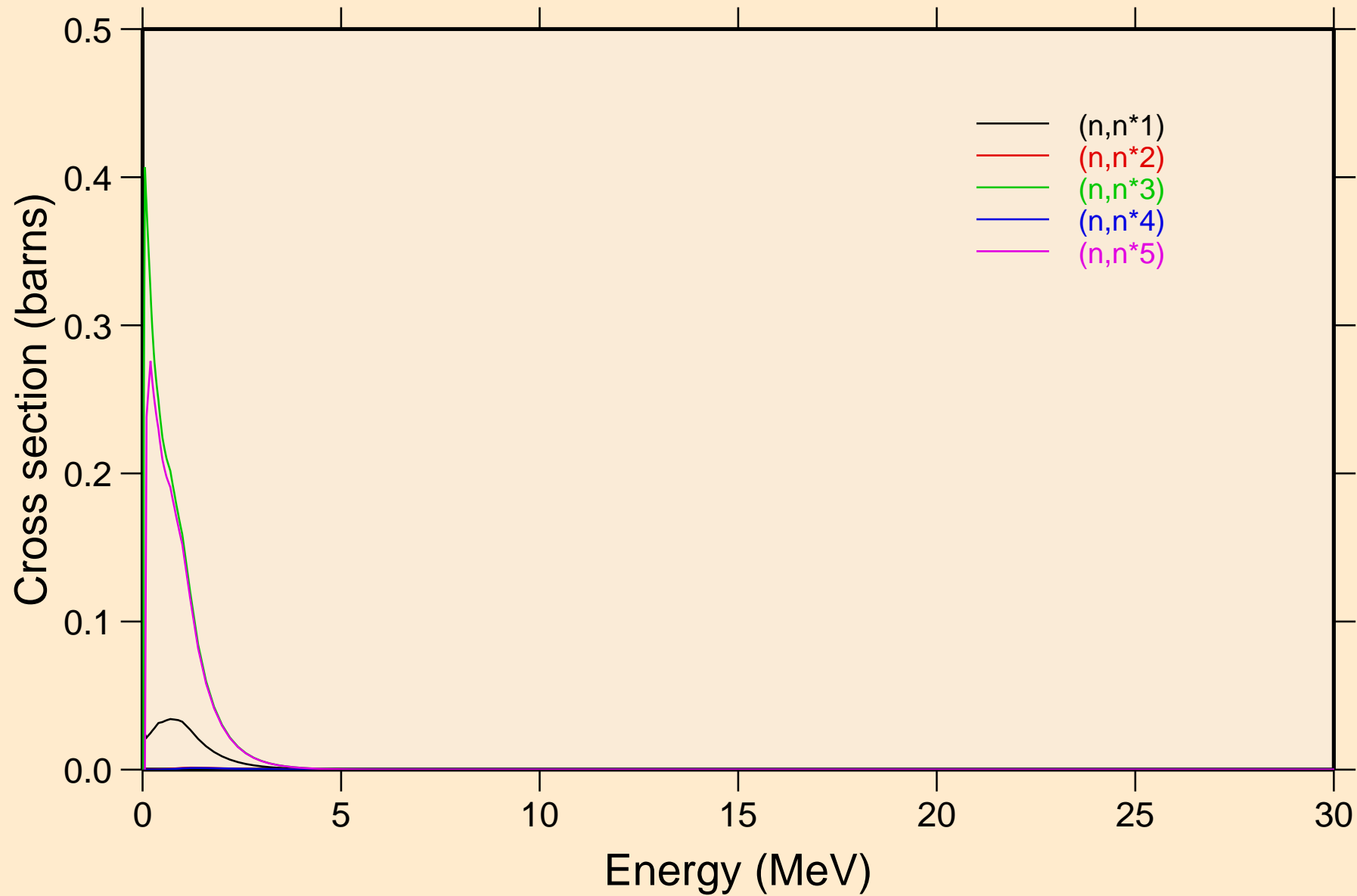
# PD111M NRG TENDL-2015, AKONING

## Non-threshold reactions



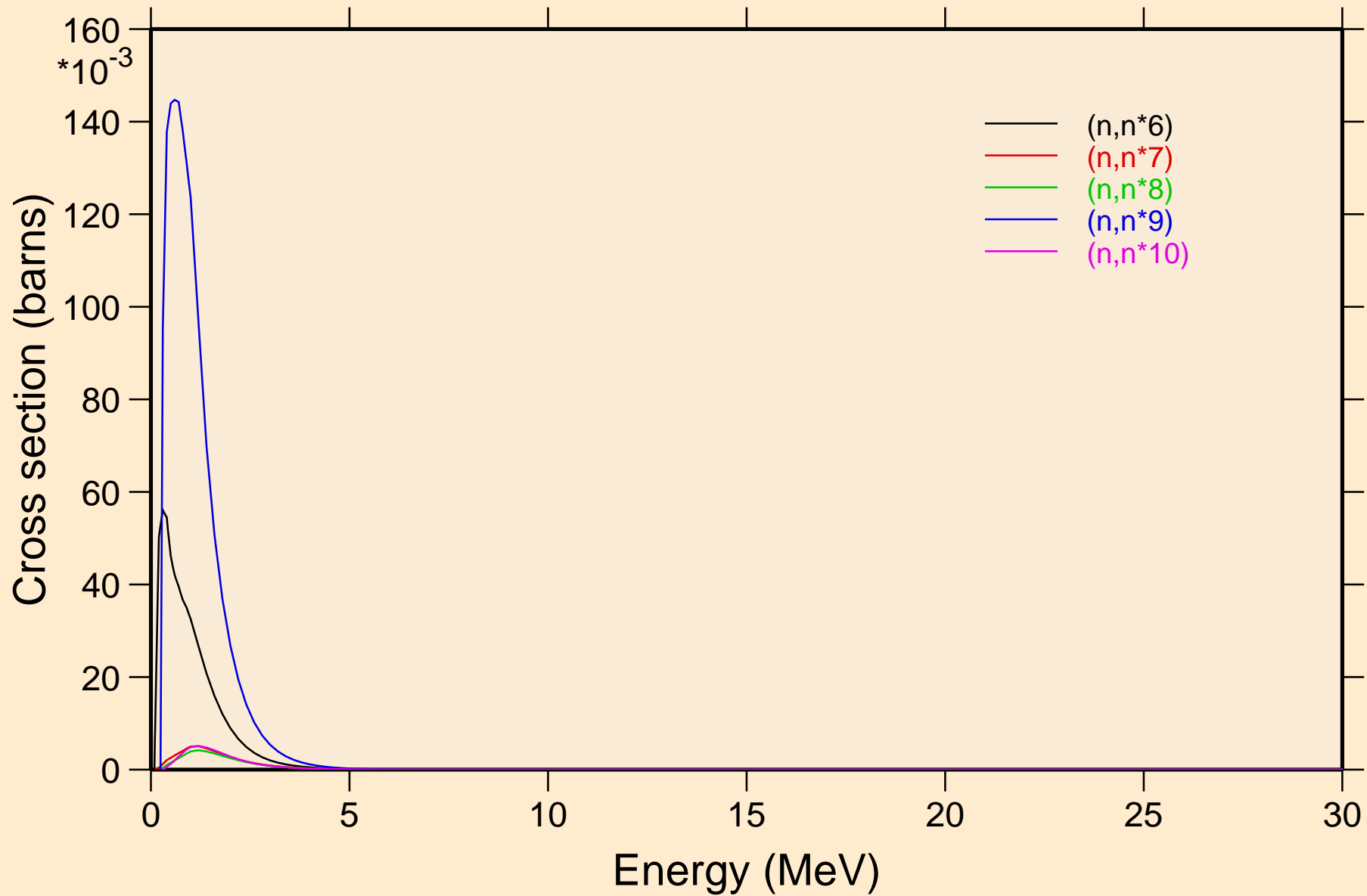
# PD111M NRG TENDL-2015, AKONING

## Inelastic levels



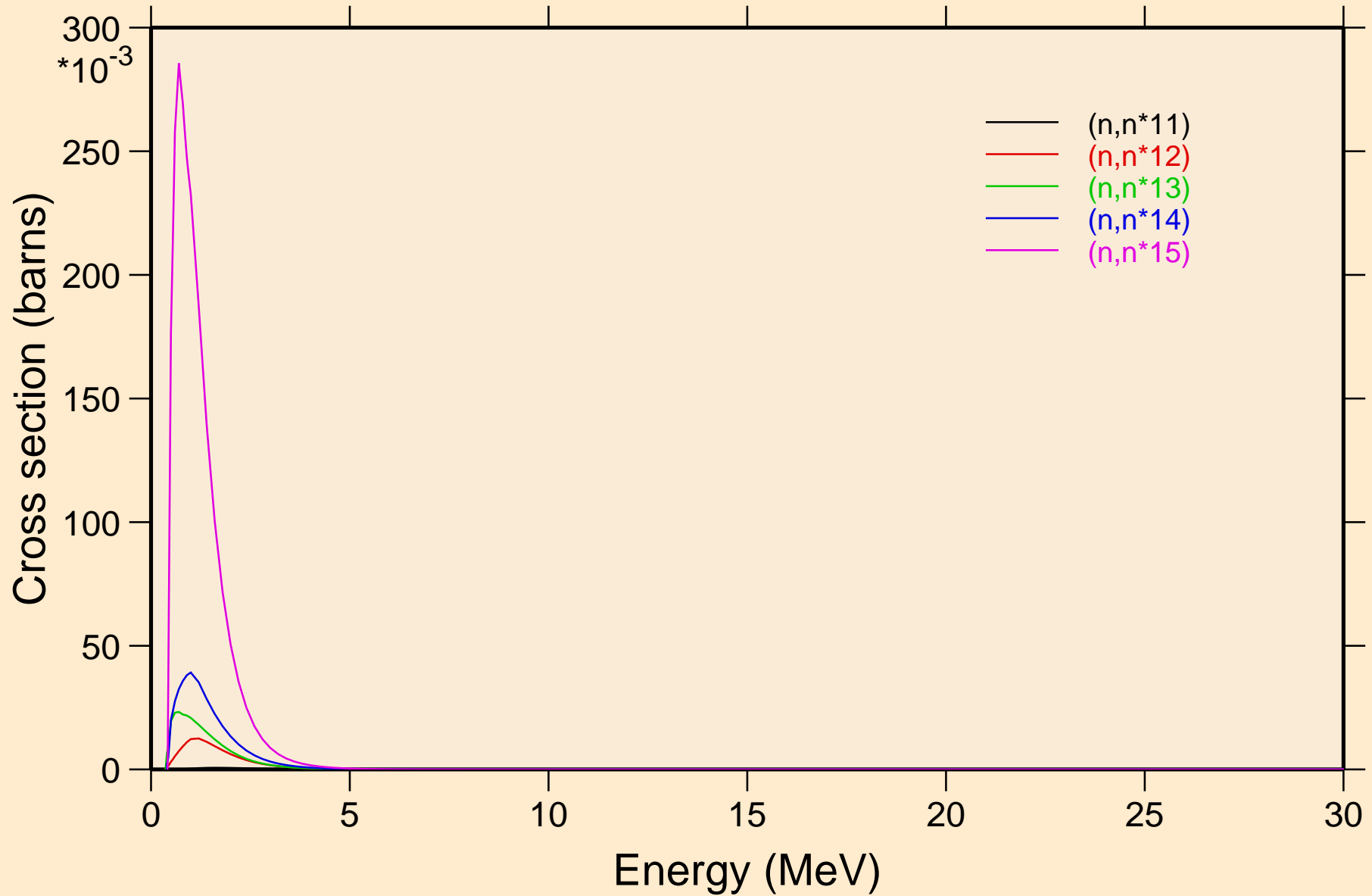
# PD111M NRG TENDL-2015, AKONING

## Inelastic levels



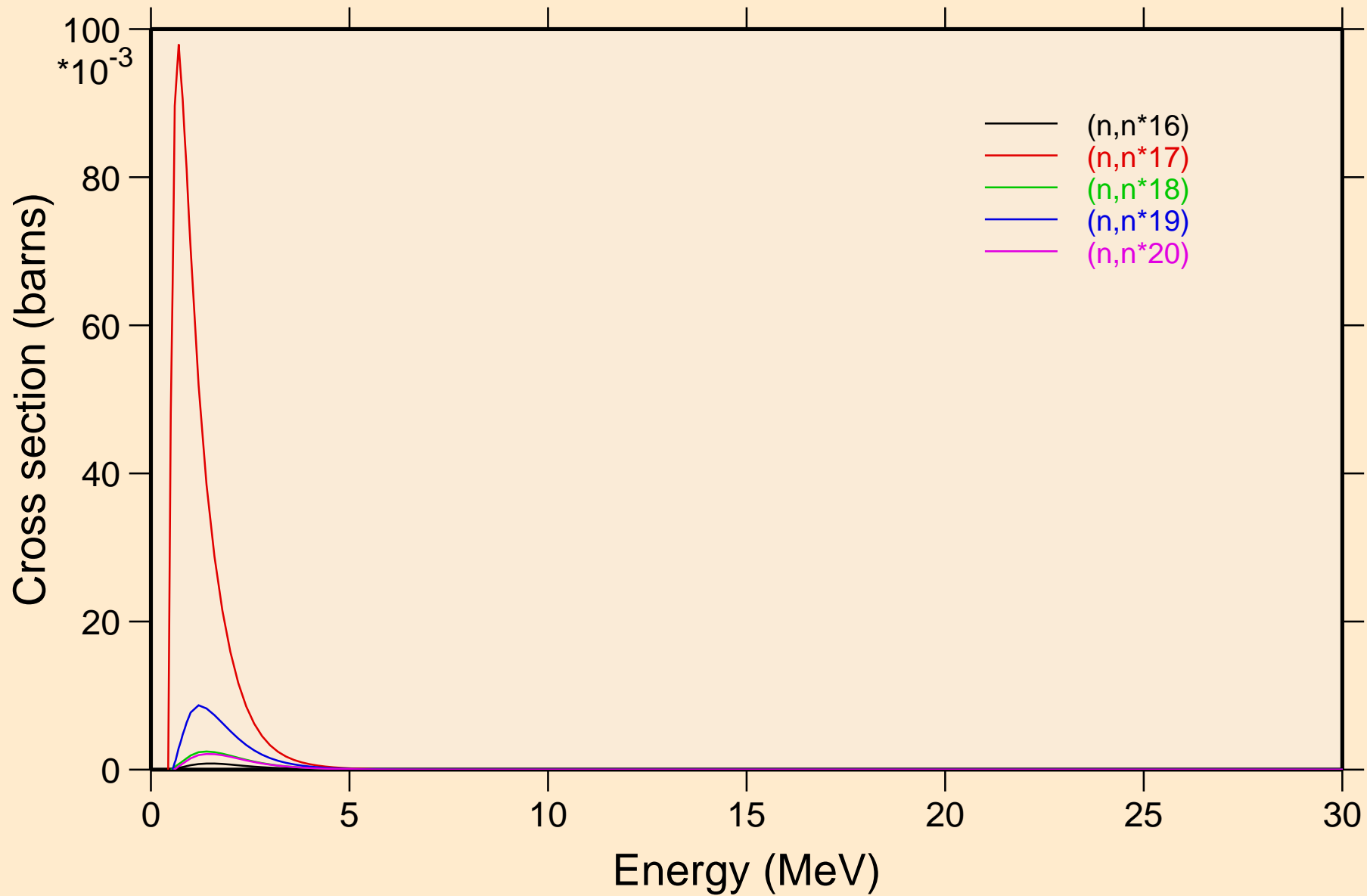
# PD111M NRG TENDL-2015, AKONING

## Inelastic levels



# PD111M NRG TENDL-2015, AKONING

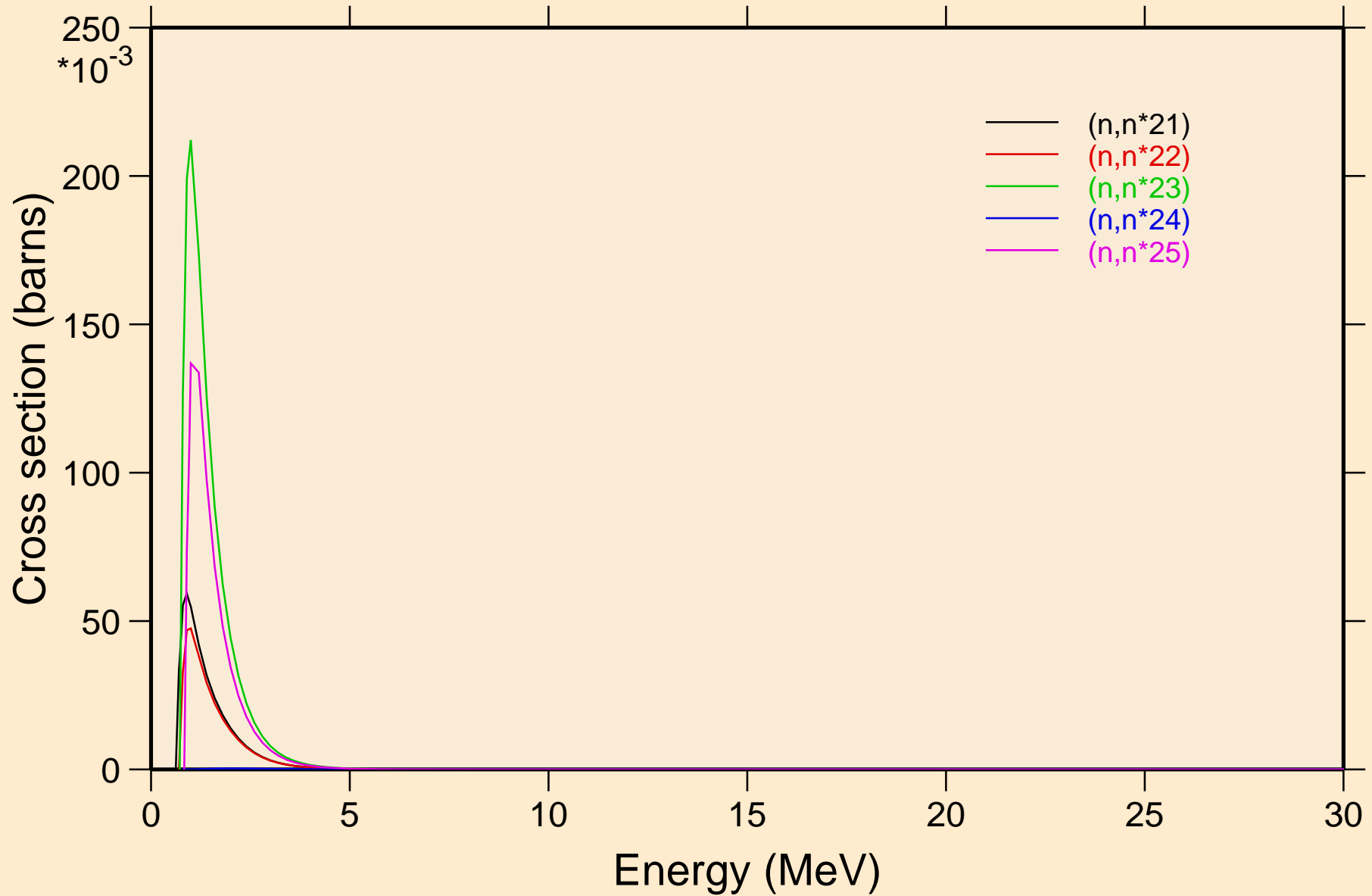
## Inelastic levels



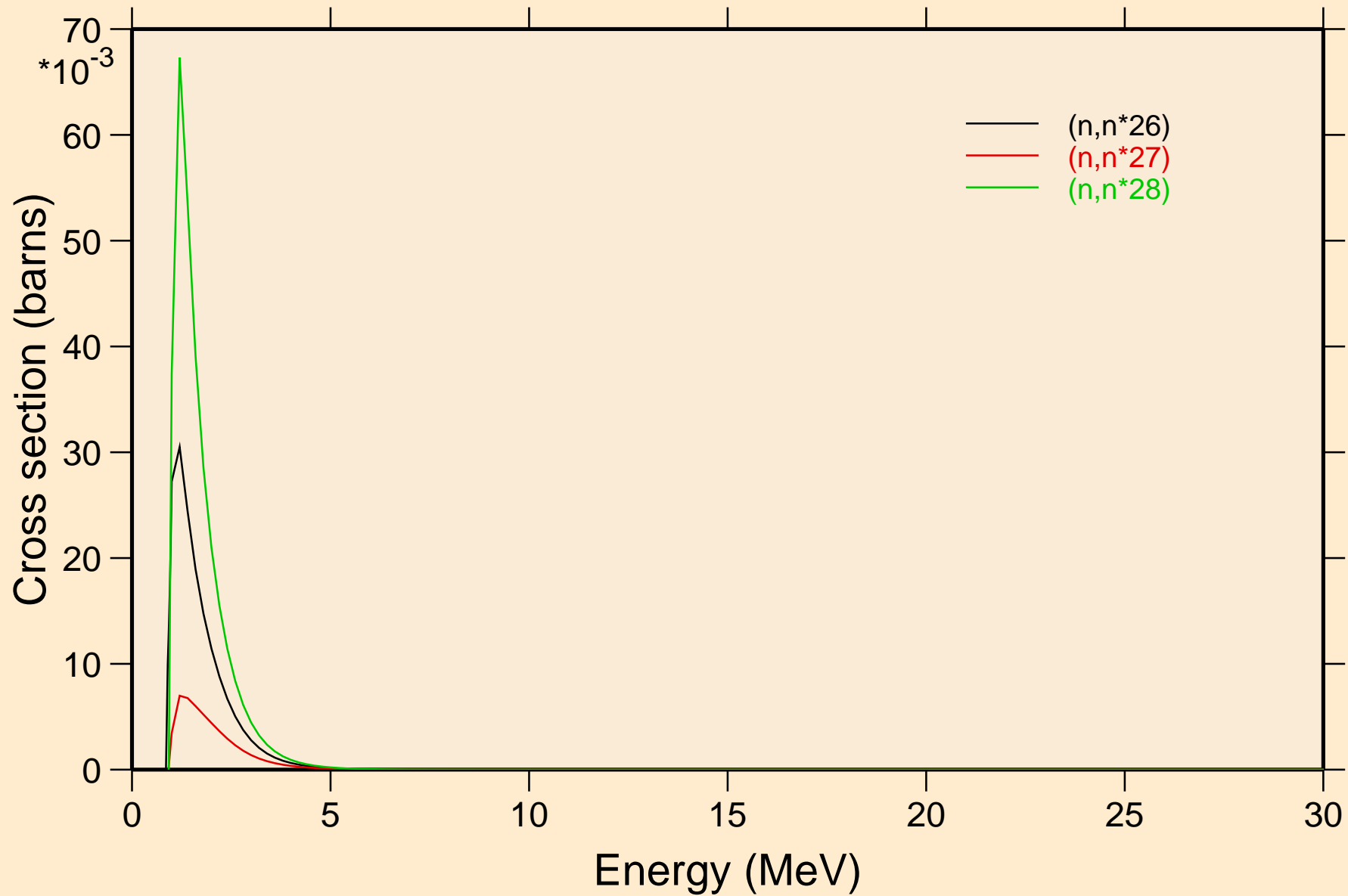


# PD111M NRG TENDL-2015, AKONING

## Inelastic levels

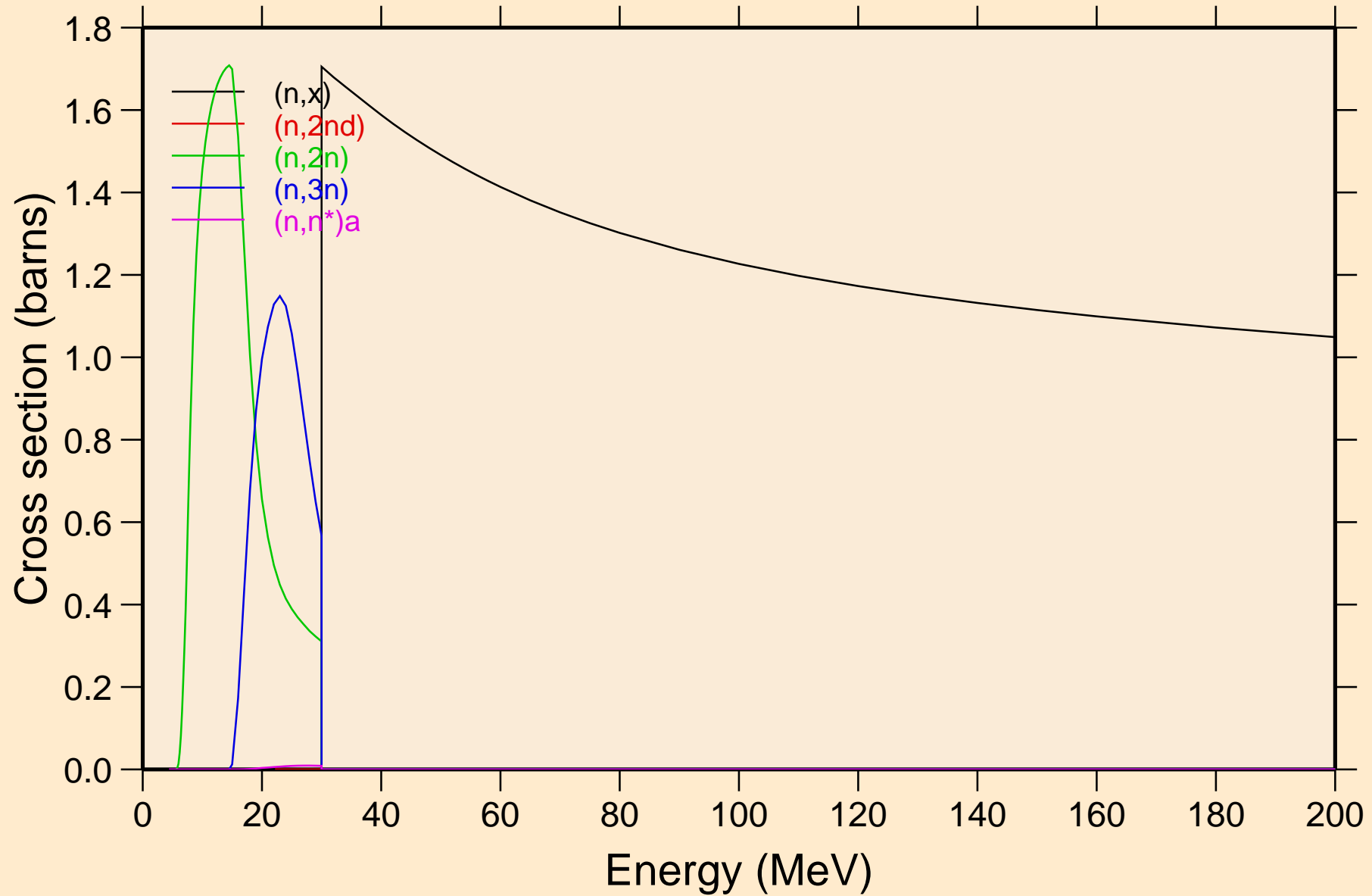


PD111M NRG TENDL-2015, AKONING  
Inelastic levels



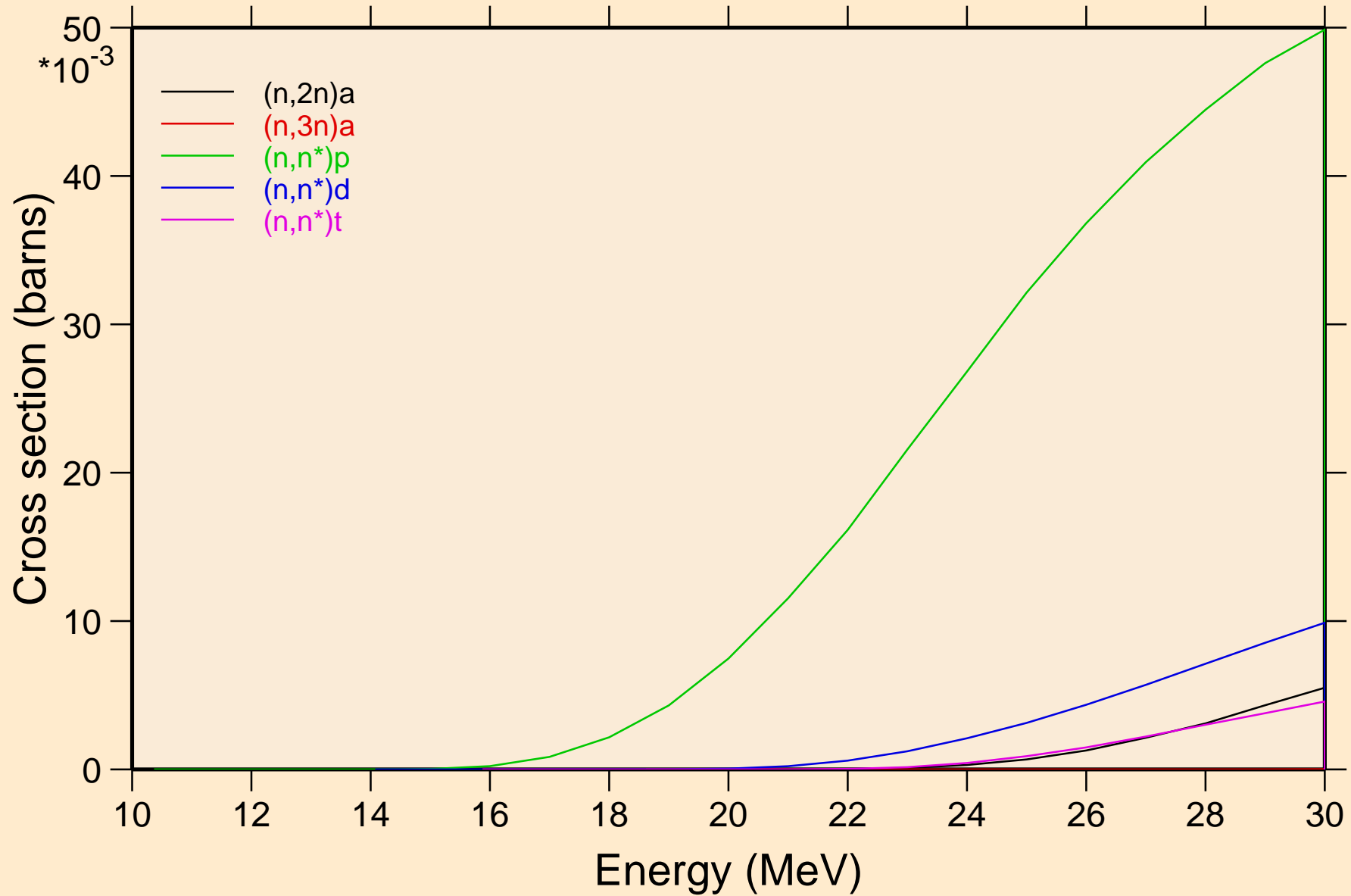
# PD111M NRG TENDL-2015, AKONING

## Threshold reactions



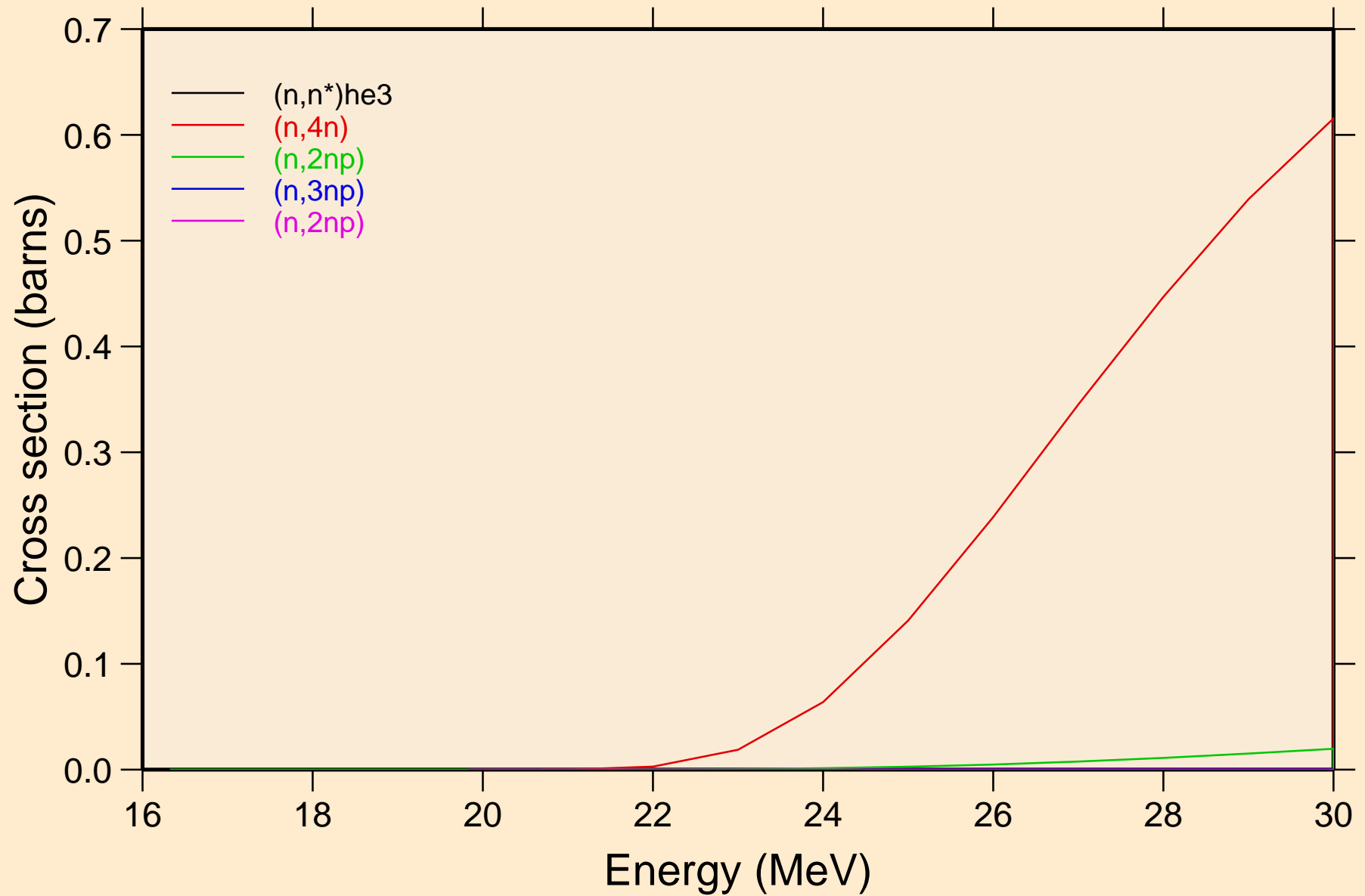
# PD111M NRG TENDL-2015, AKONING

## Threshold reactions



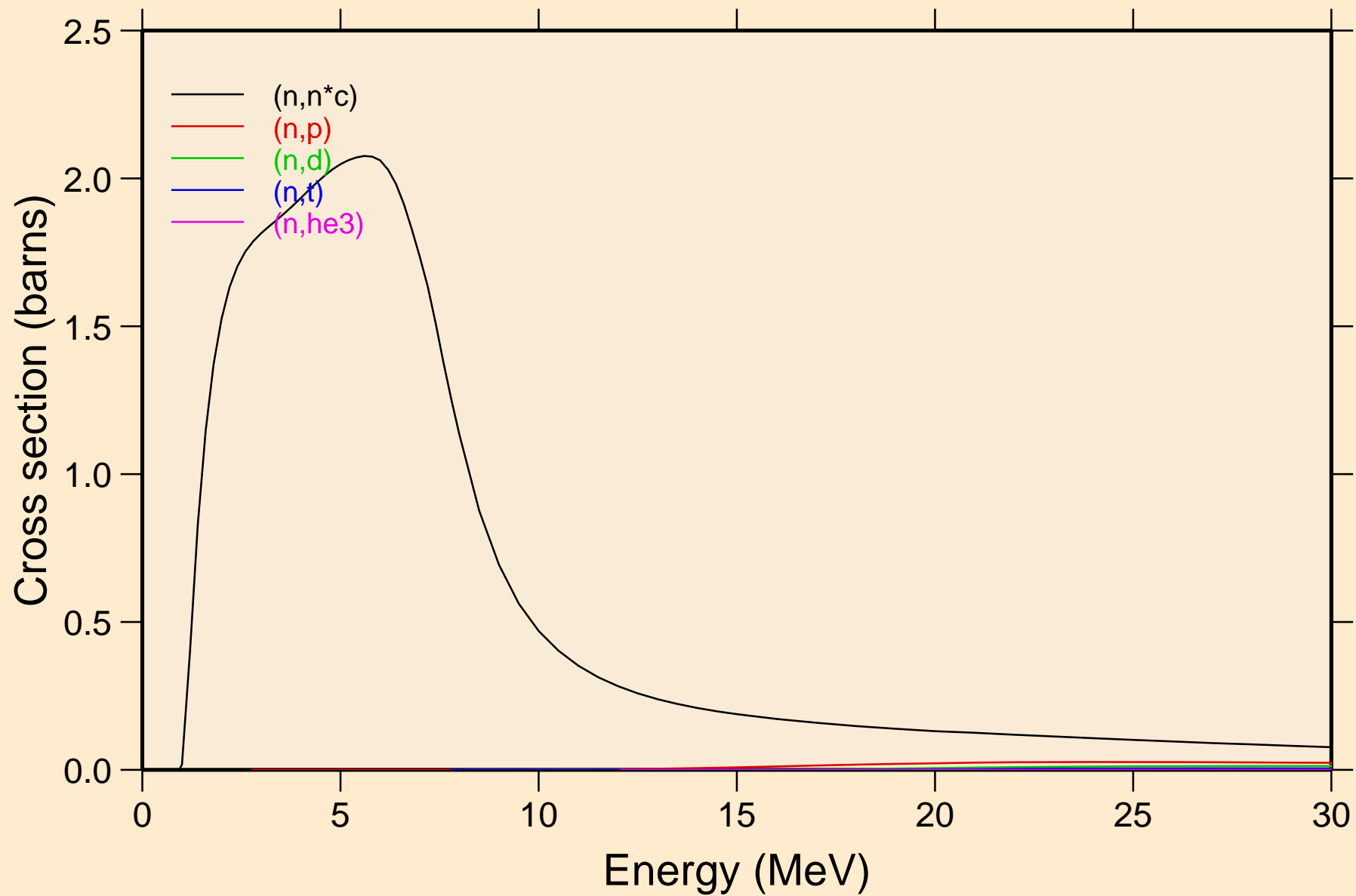
# PD111M NRG TENDL-2015, AKONING

## Threshold reactions



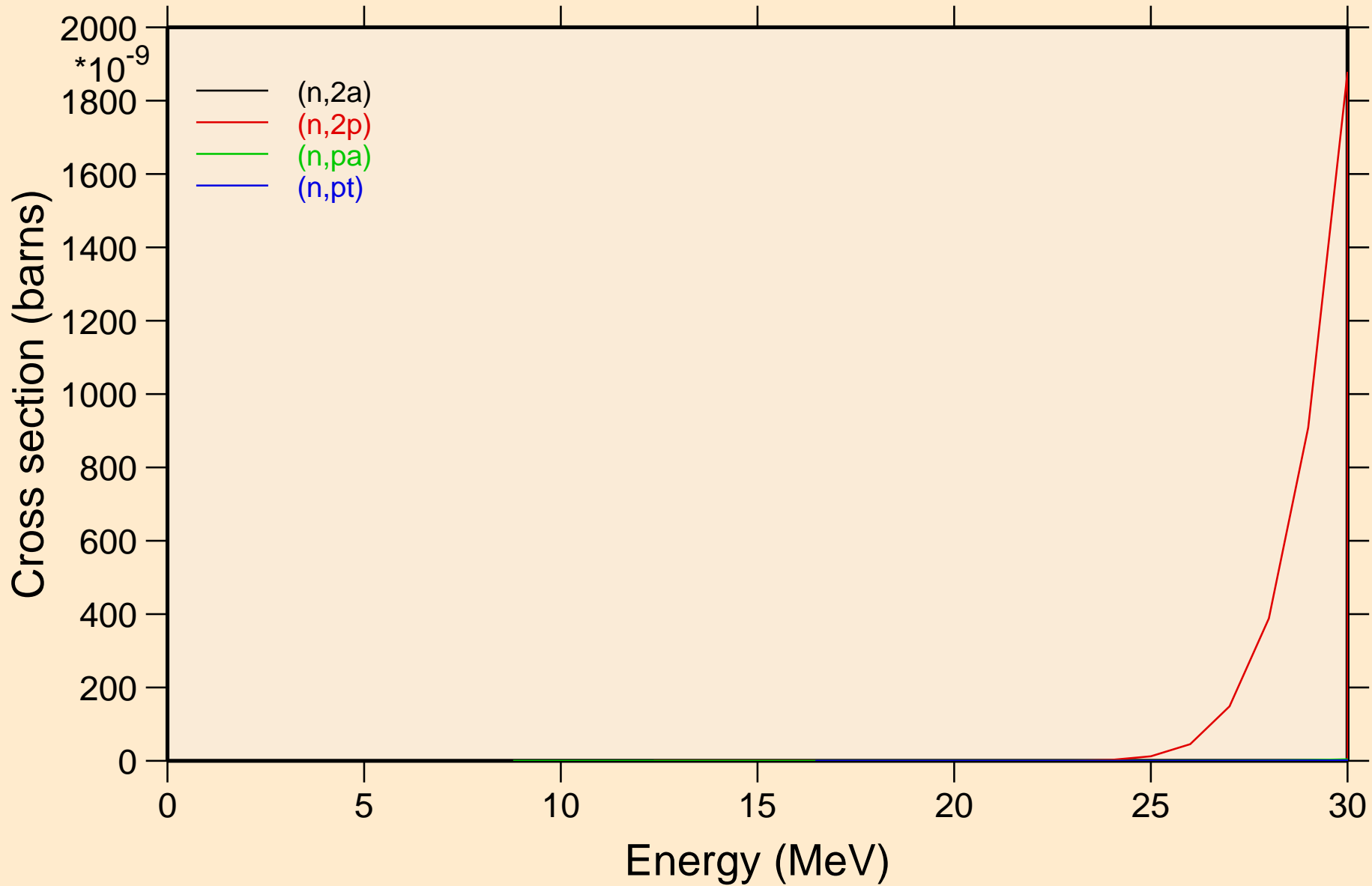
# PD111M NRG TENDL-2015, AKONING

## Threshold reactions

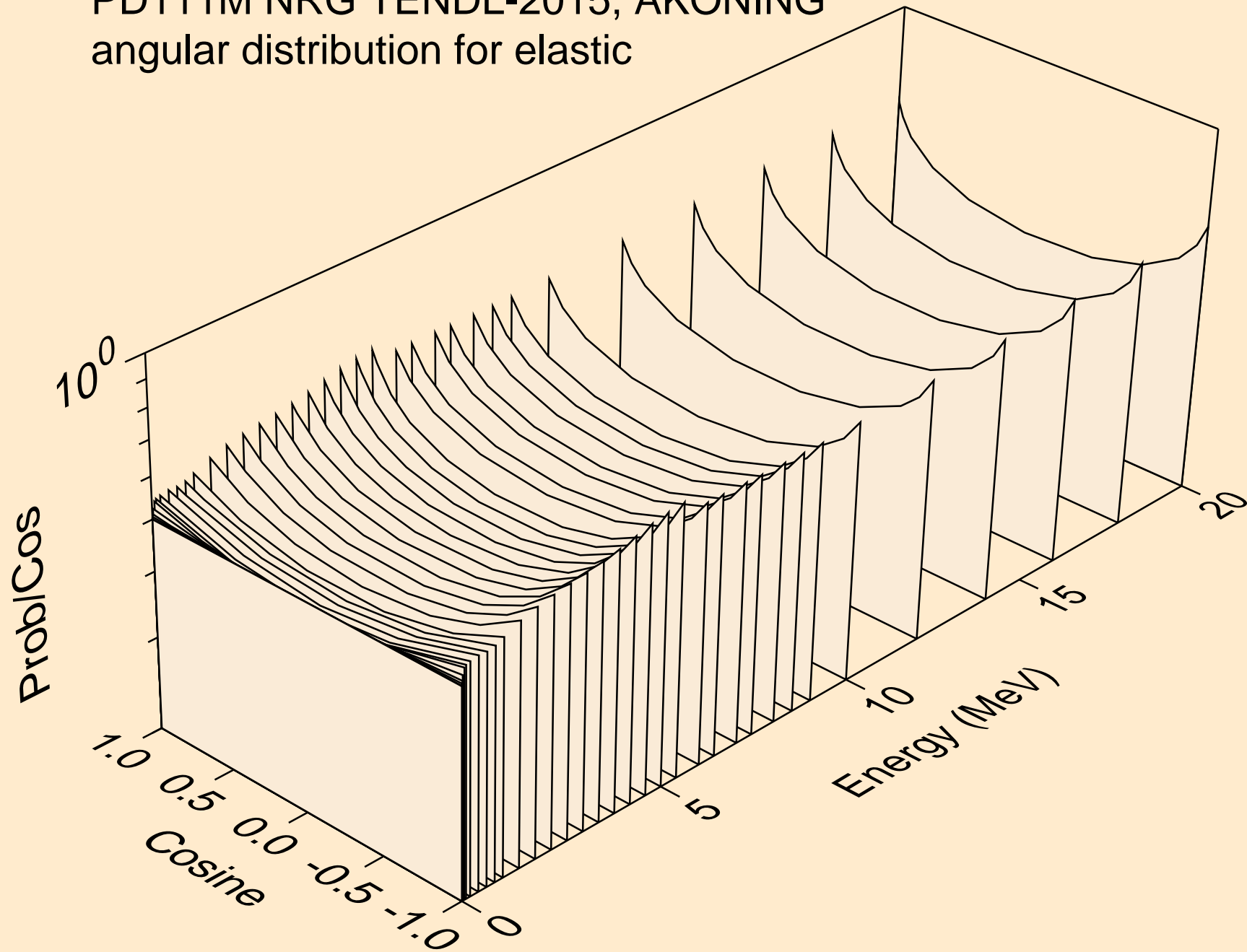


# PD111M NRG TENDL-2015, AKONING

## Threshold reactions

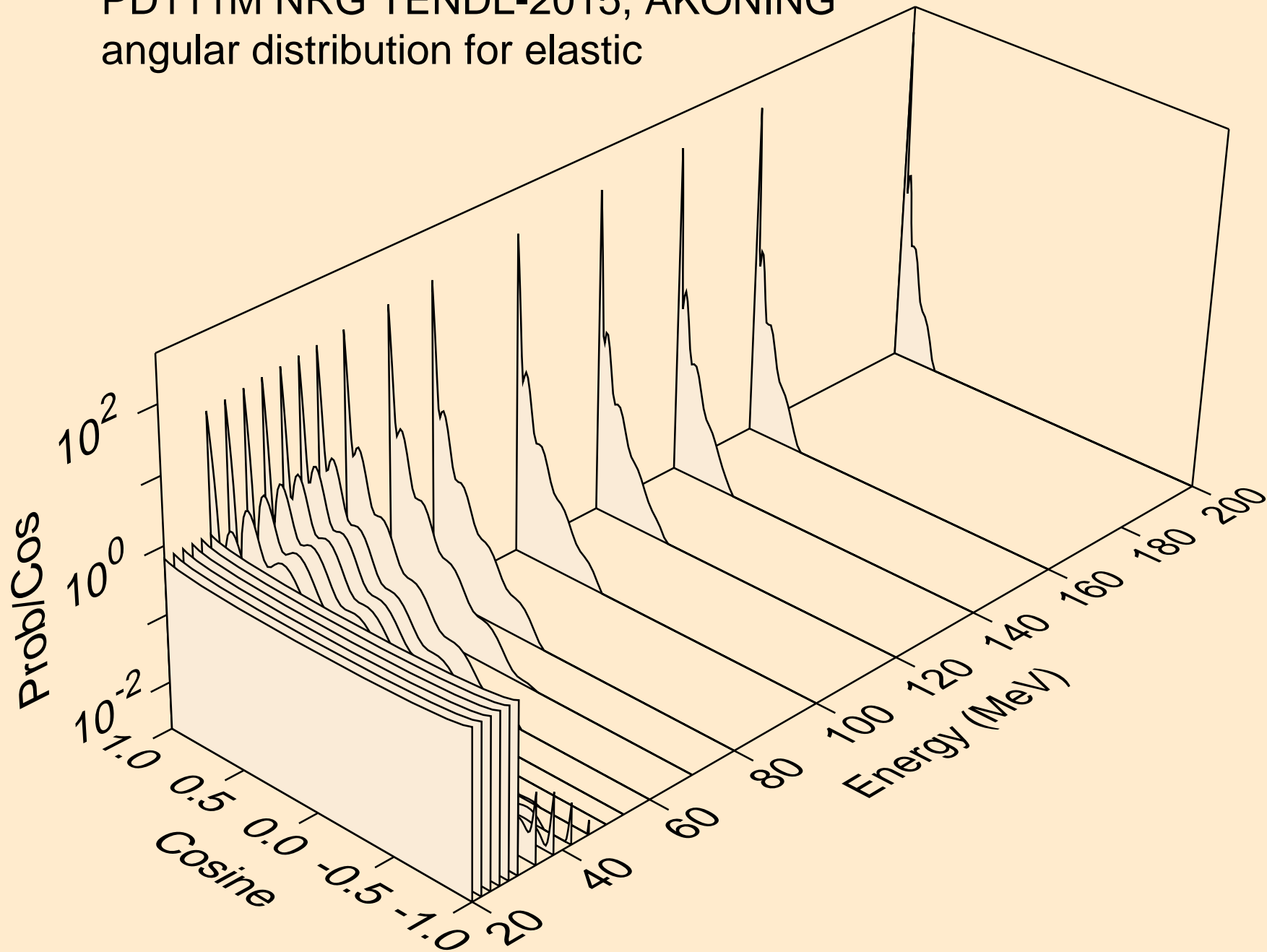


PD111M NRG TENDL-2015, AKONING  
angular distribution for elastic

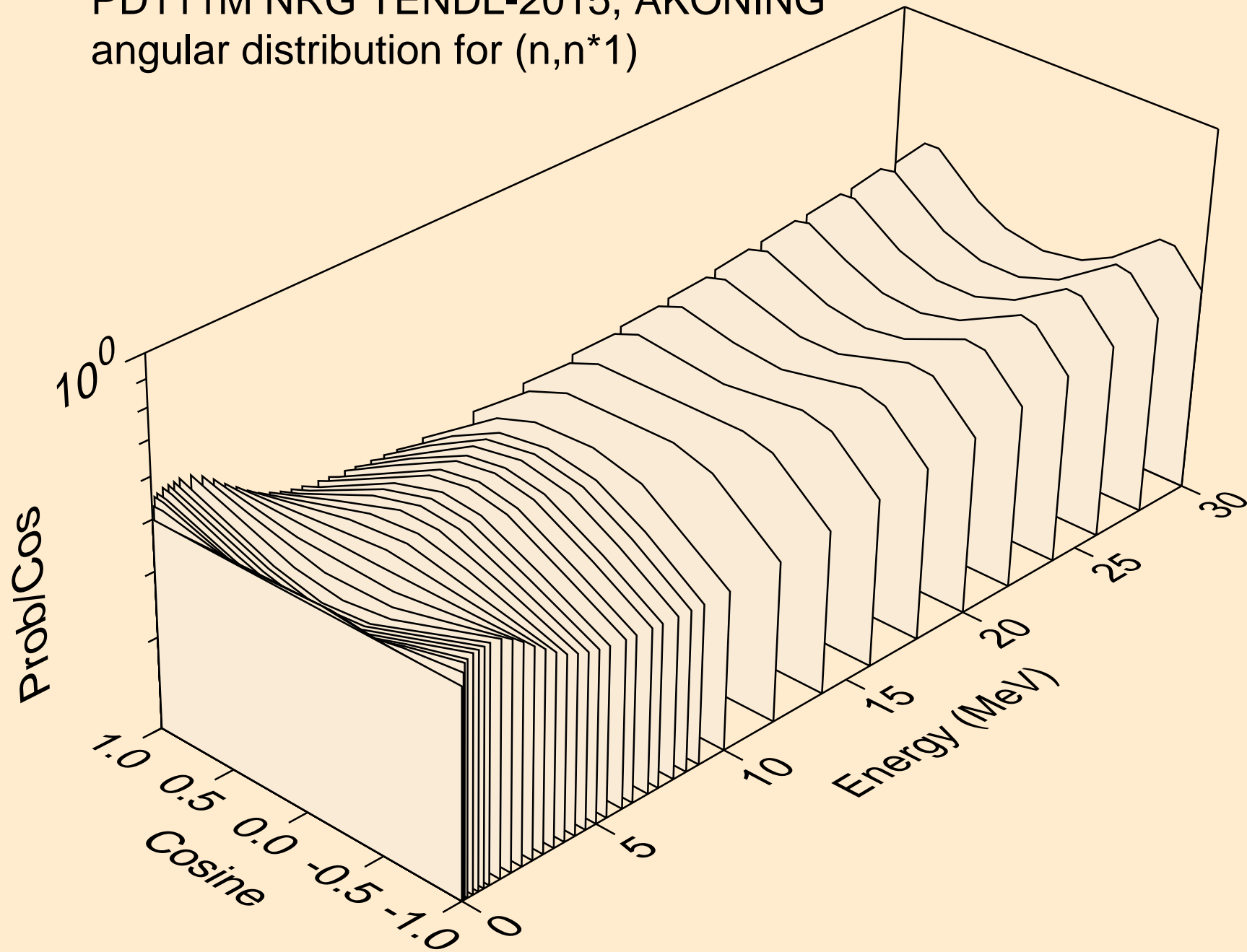




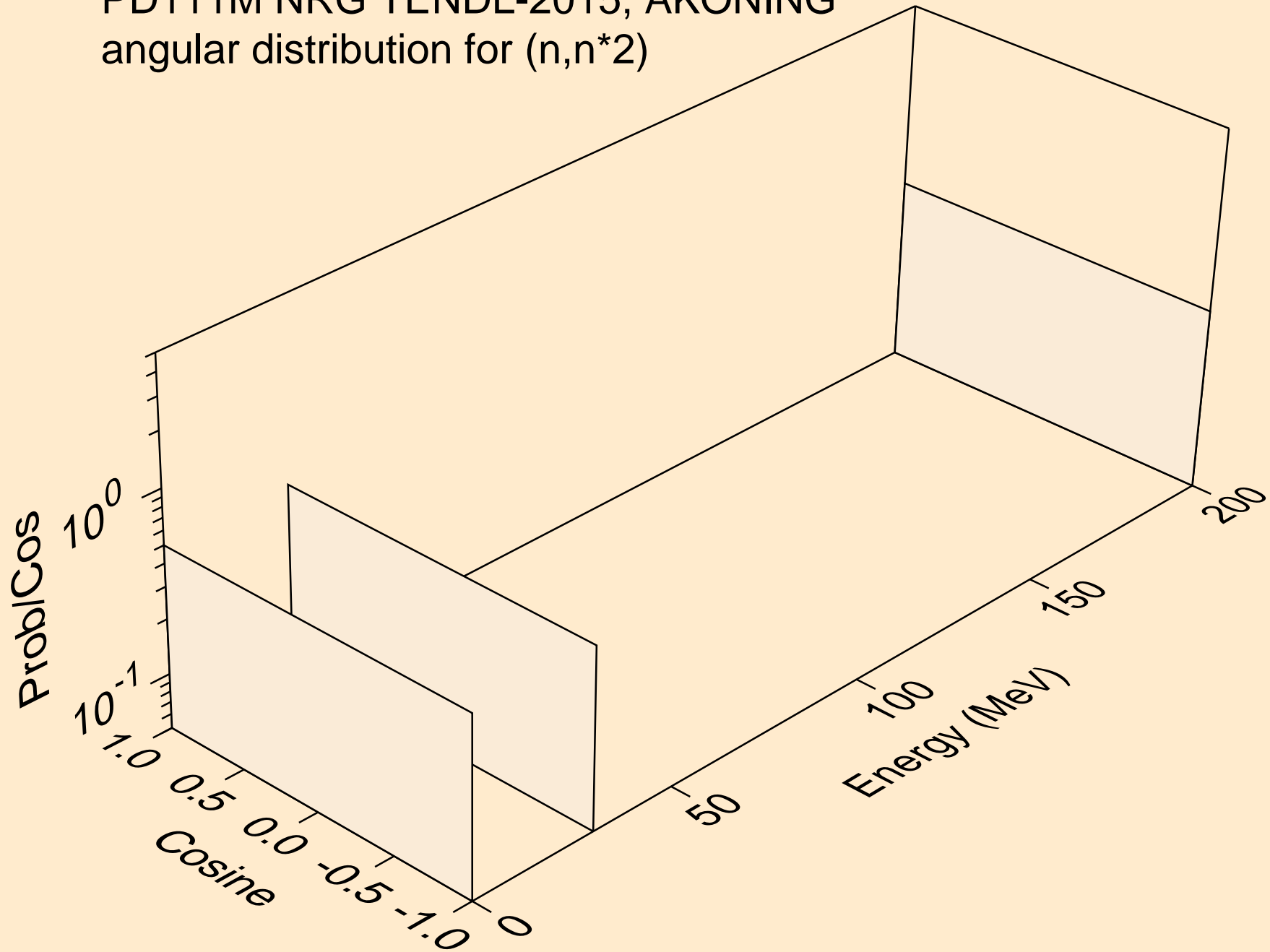
PD111M NRG TENDL-2015, AKONING  
angular distribution for elastic



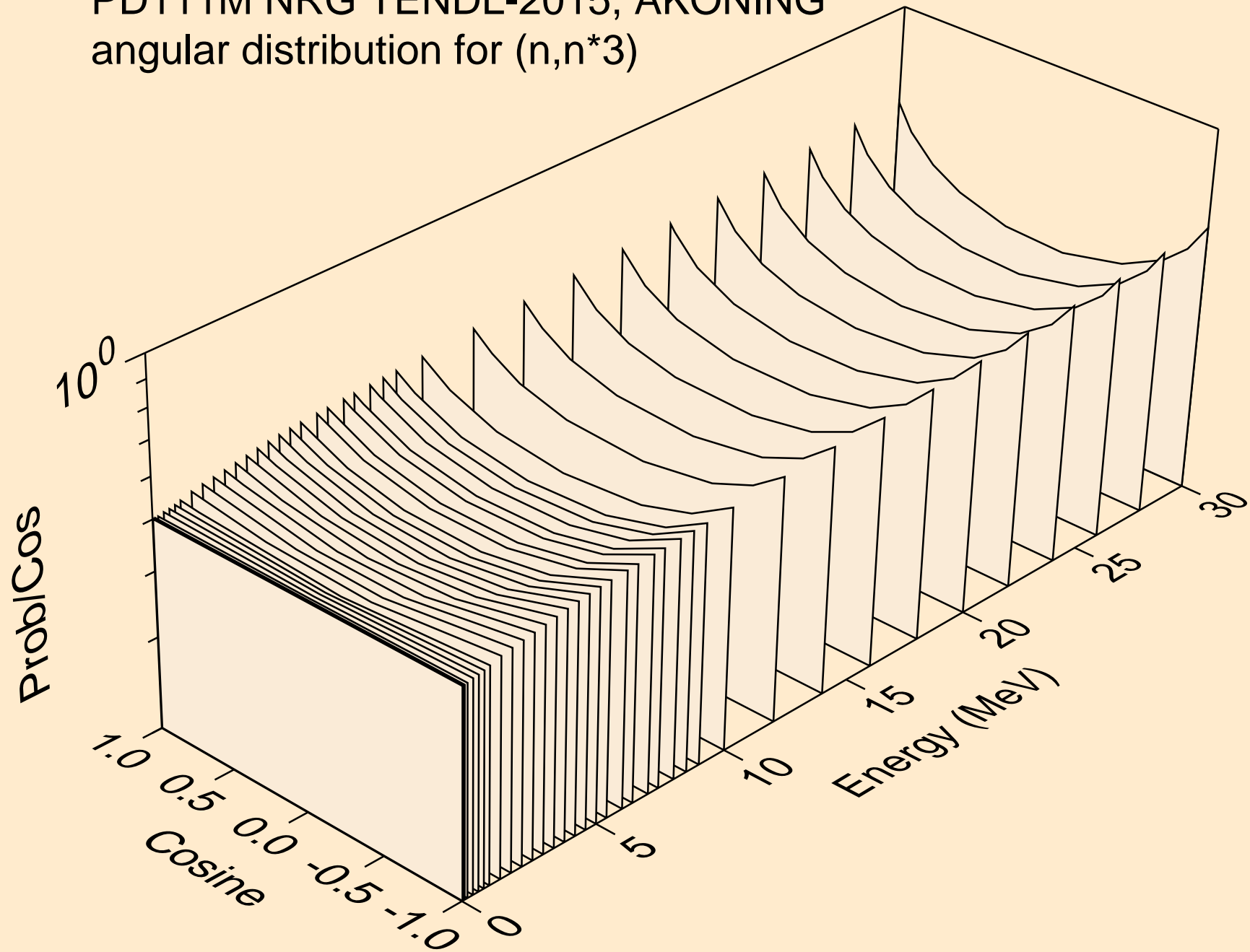
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



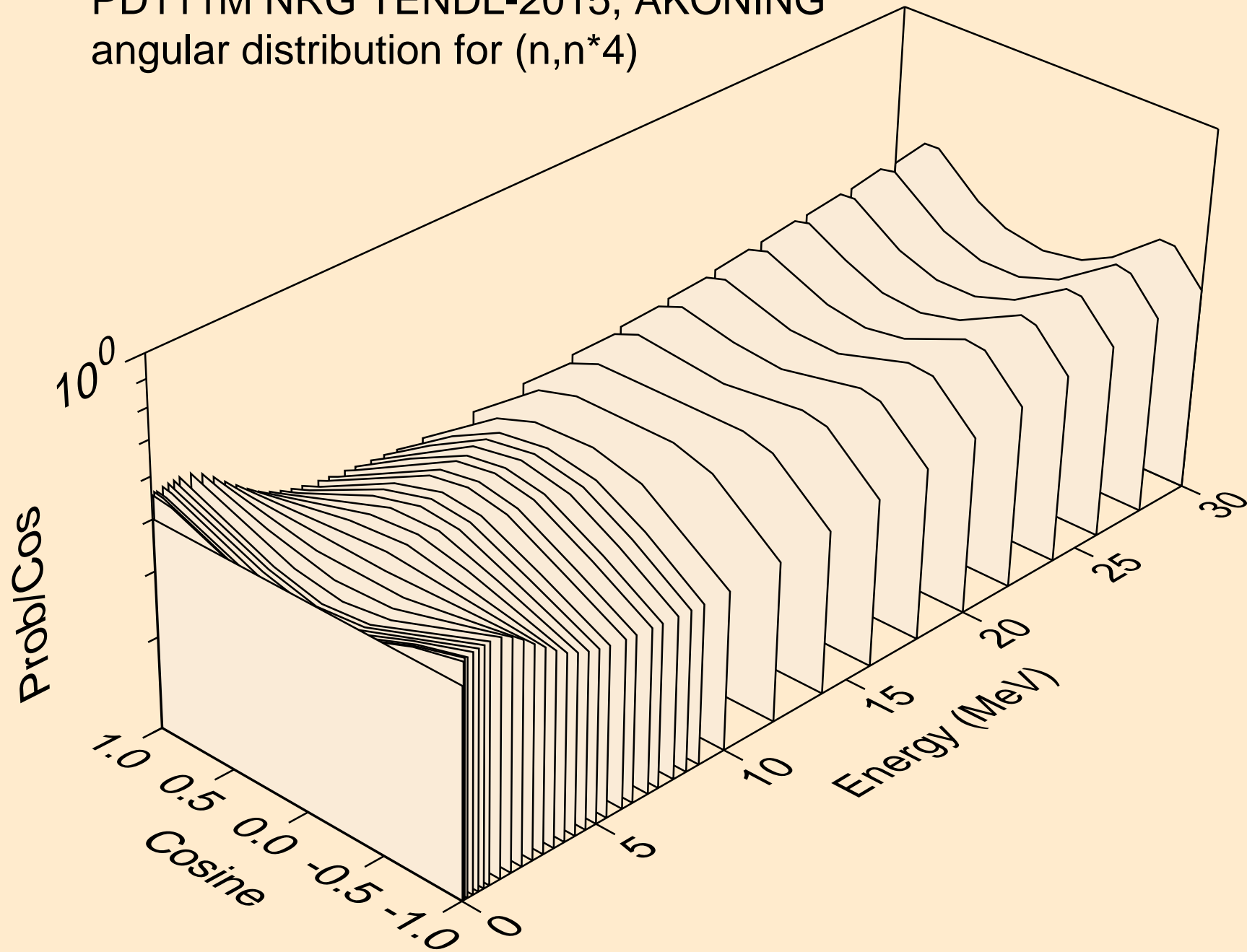
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angular distribution for (n,n\*2)



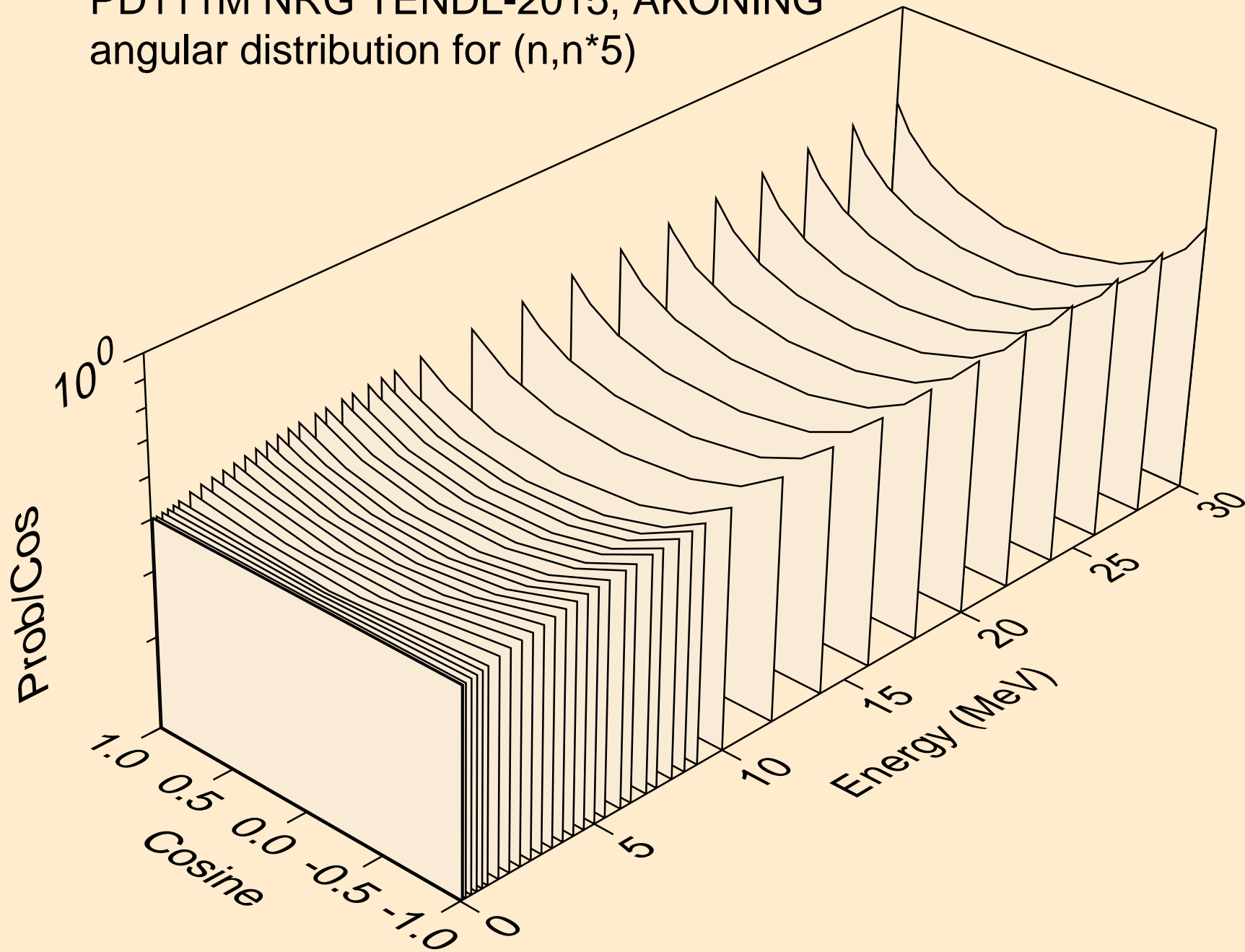
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



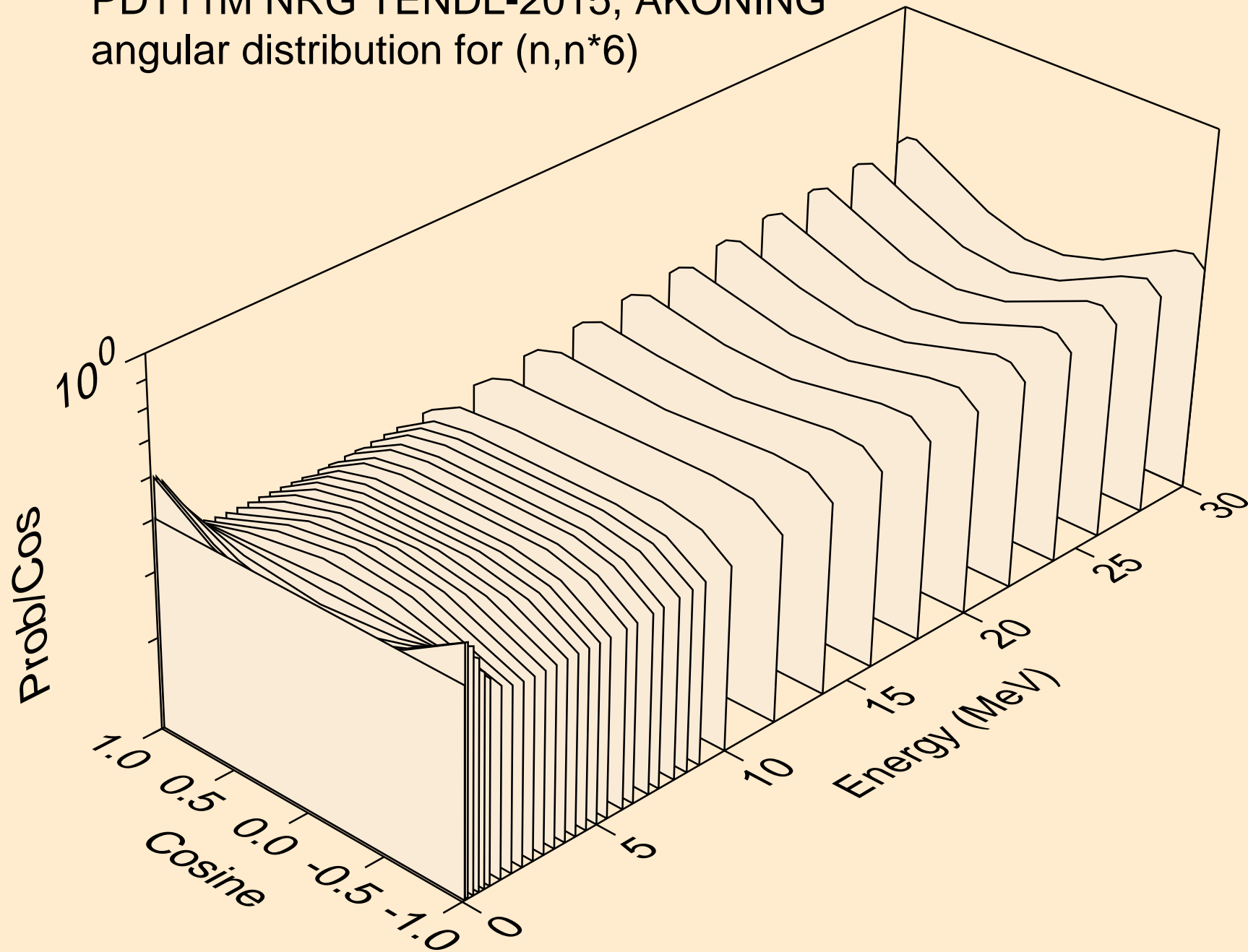
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



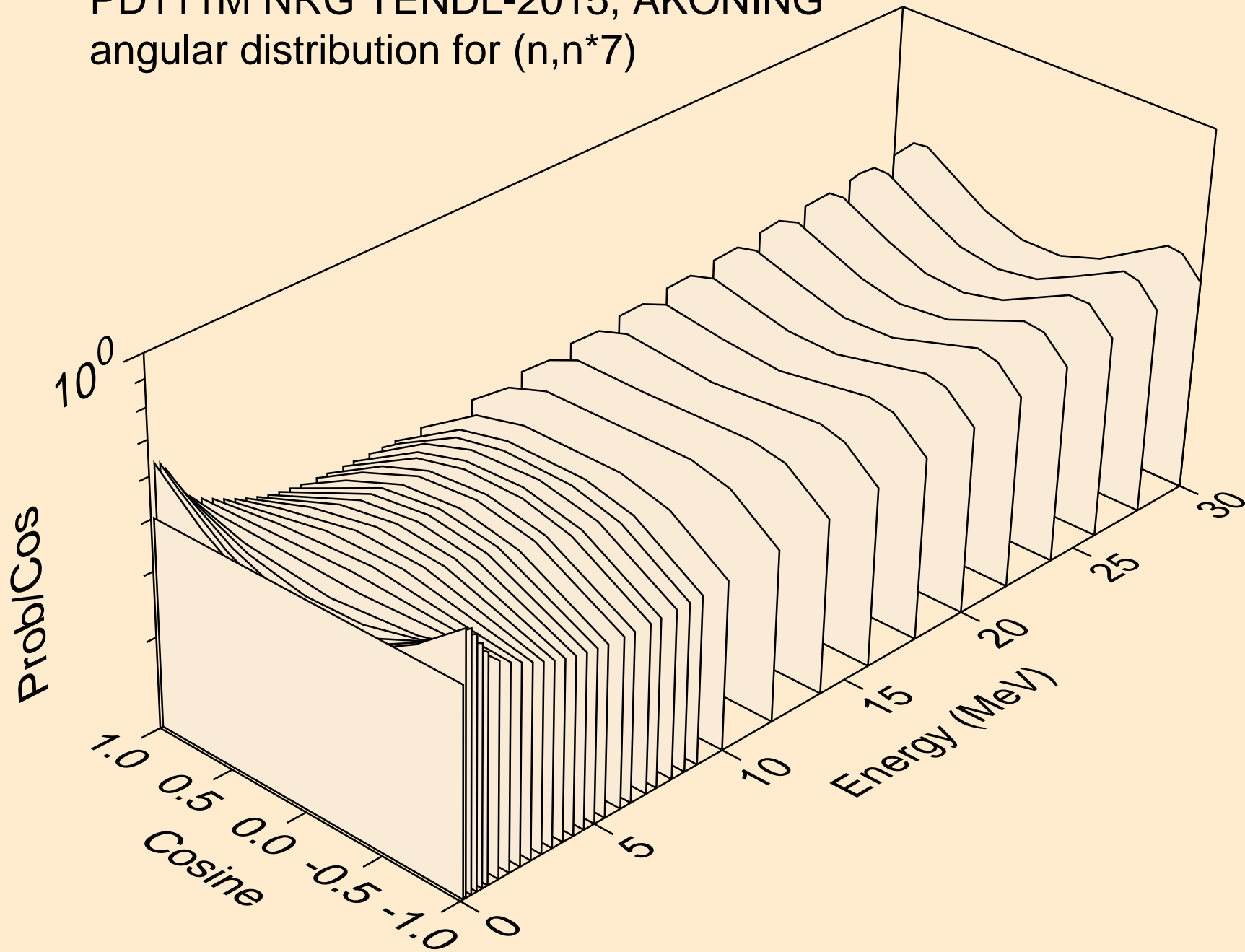
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

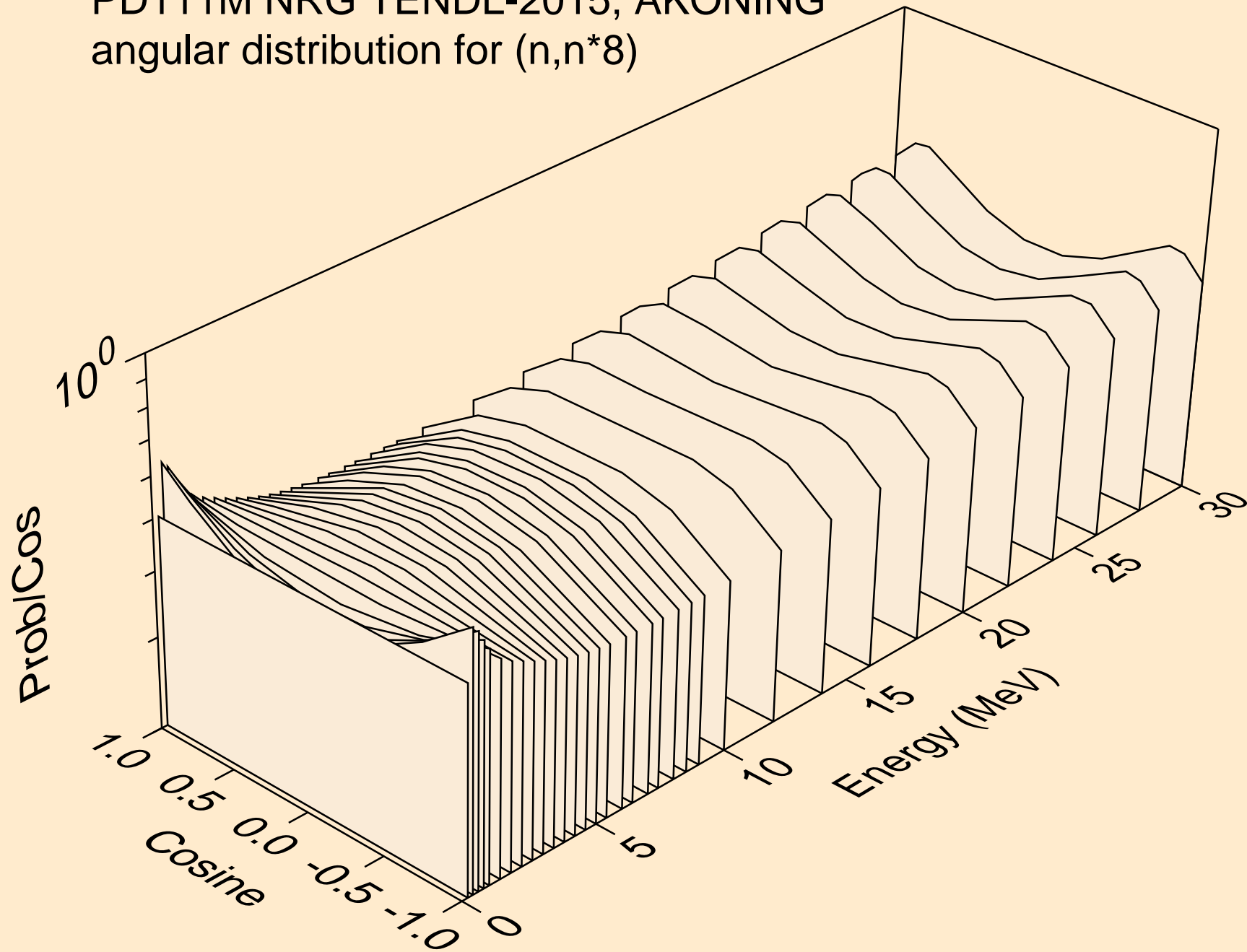


PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

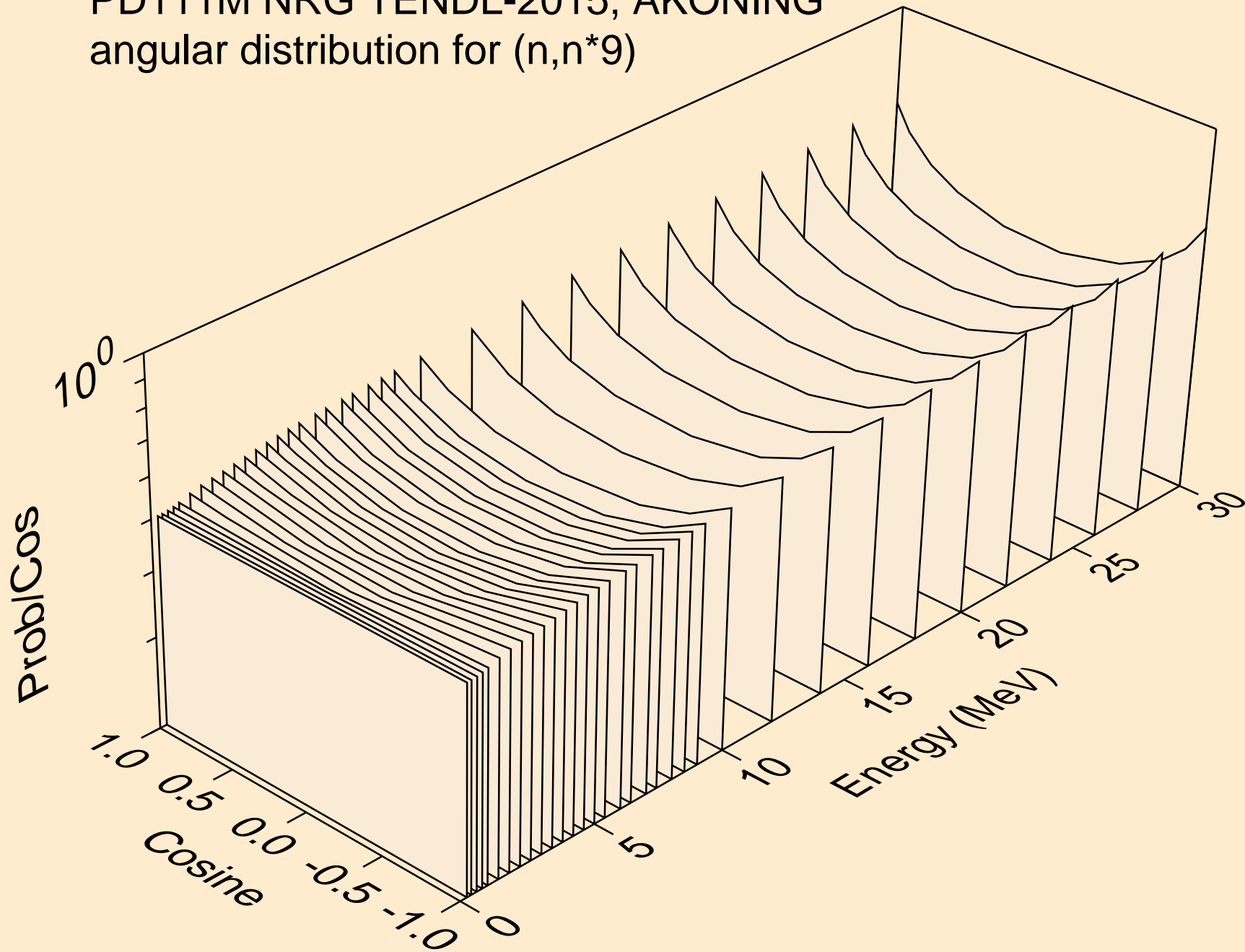




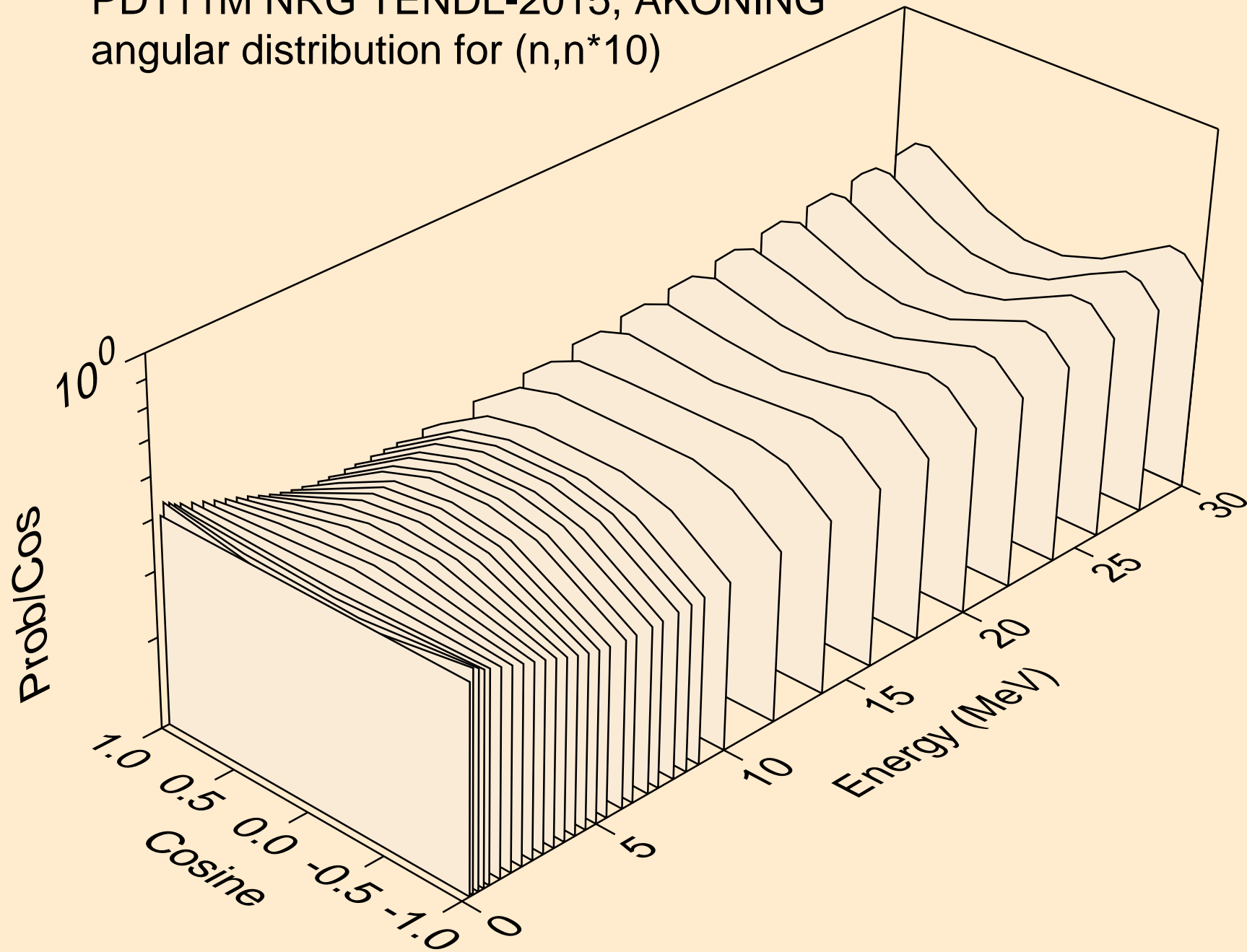
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



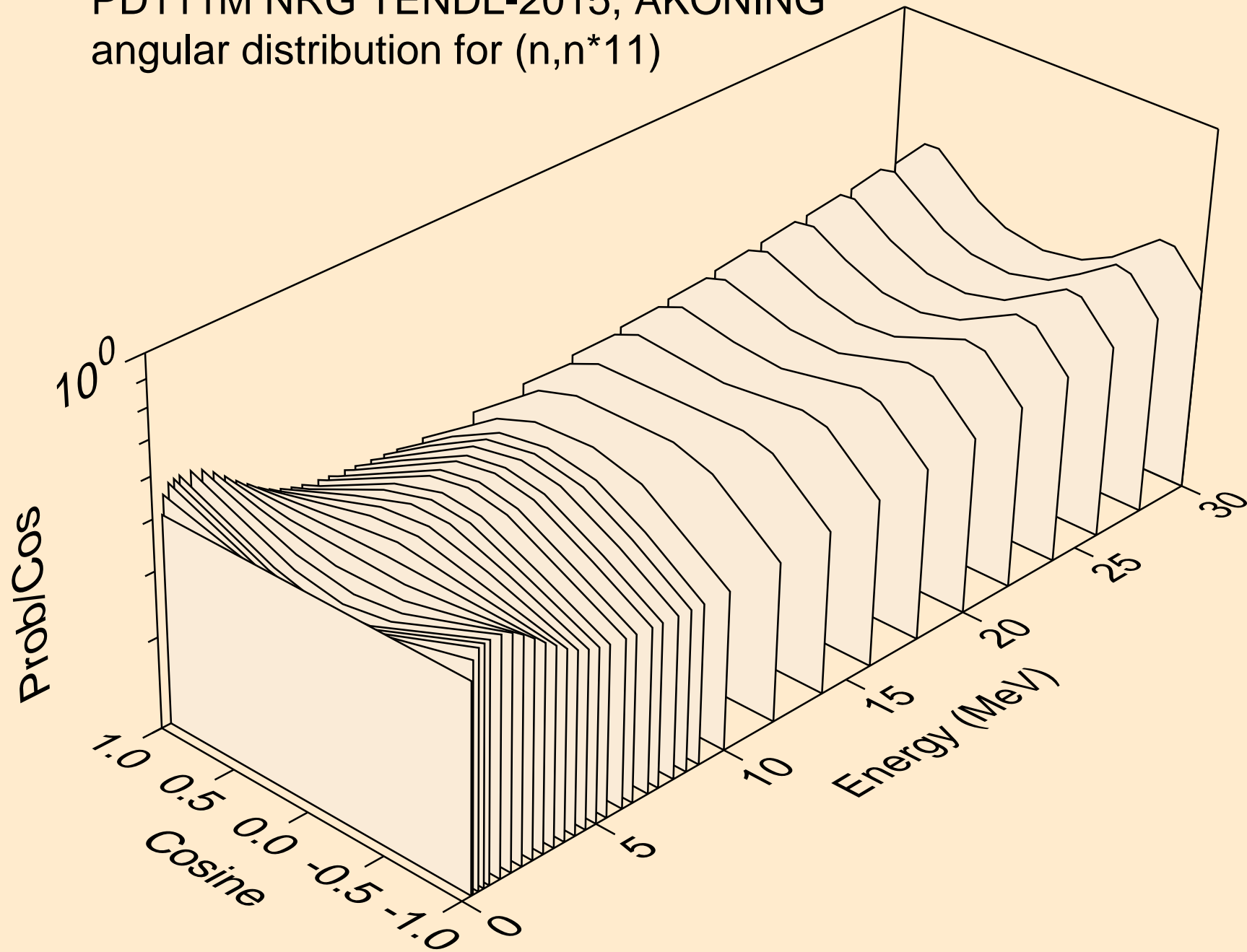
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



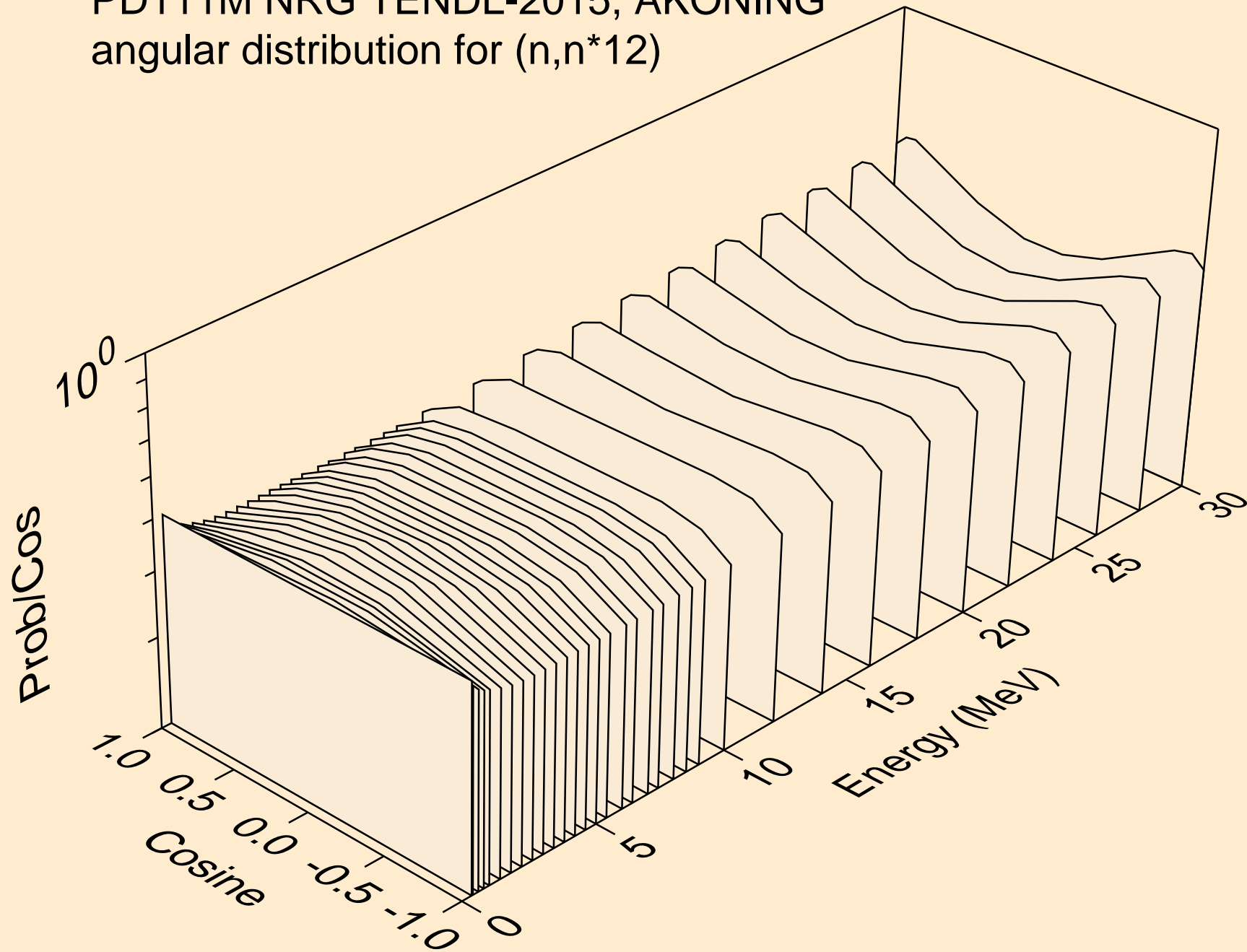
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angular distribution for (n,n\*10)



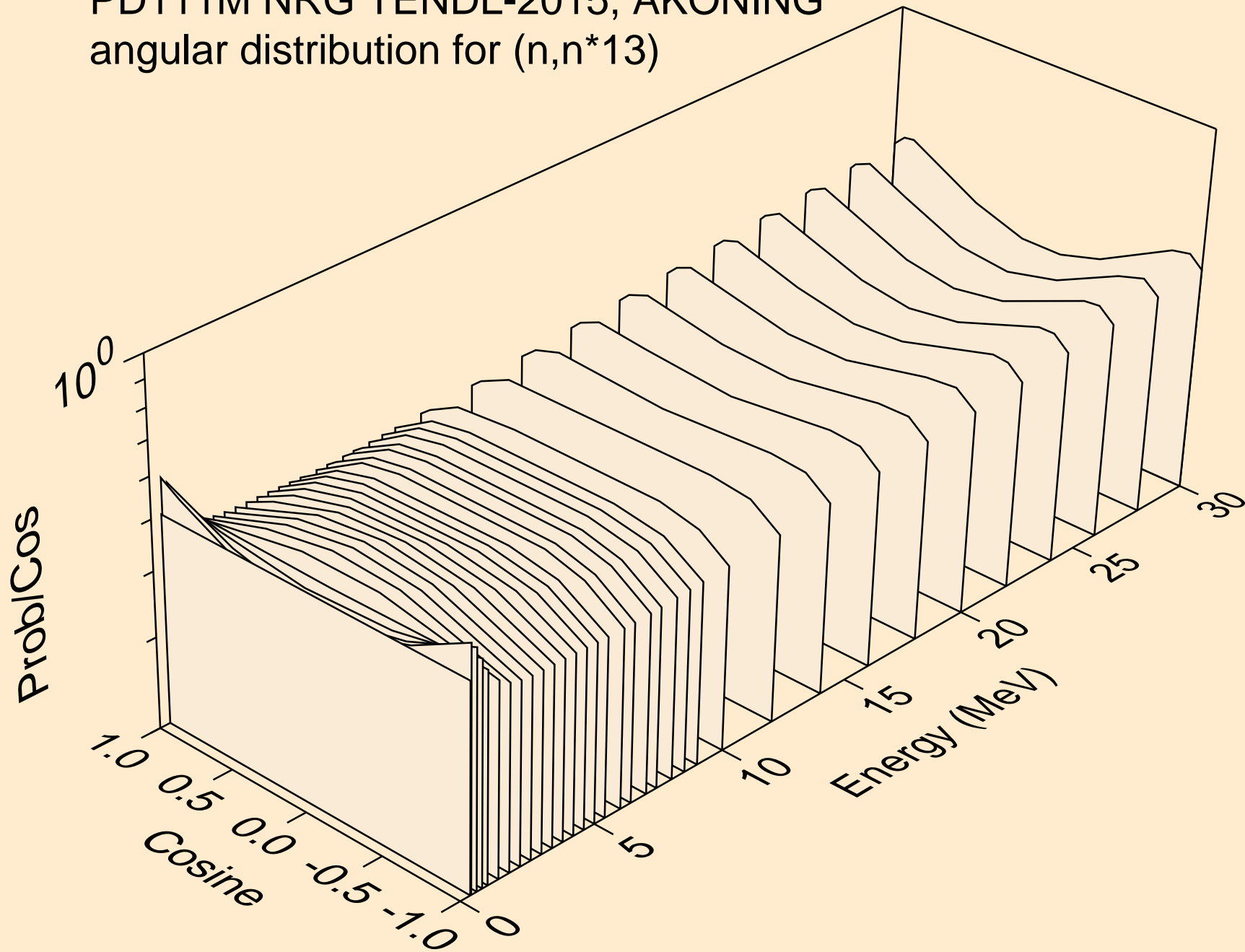
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angular distribution for (n,n\*11)



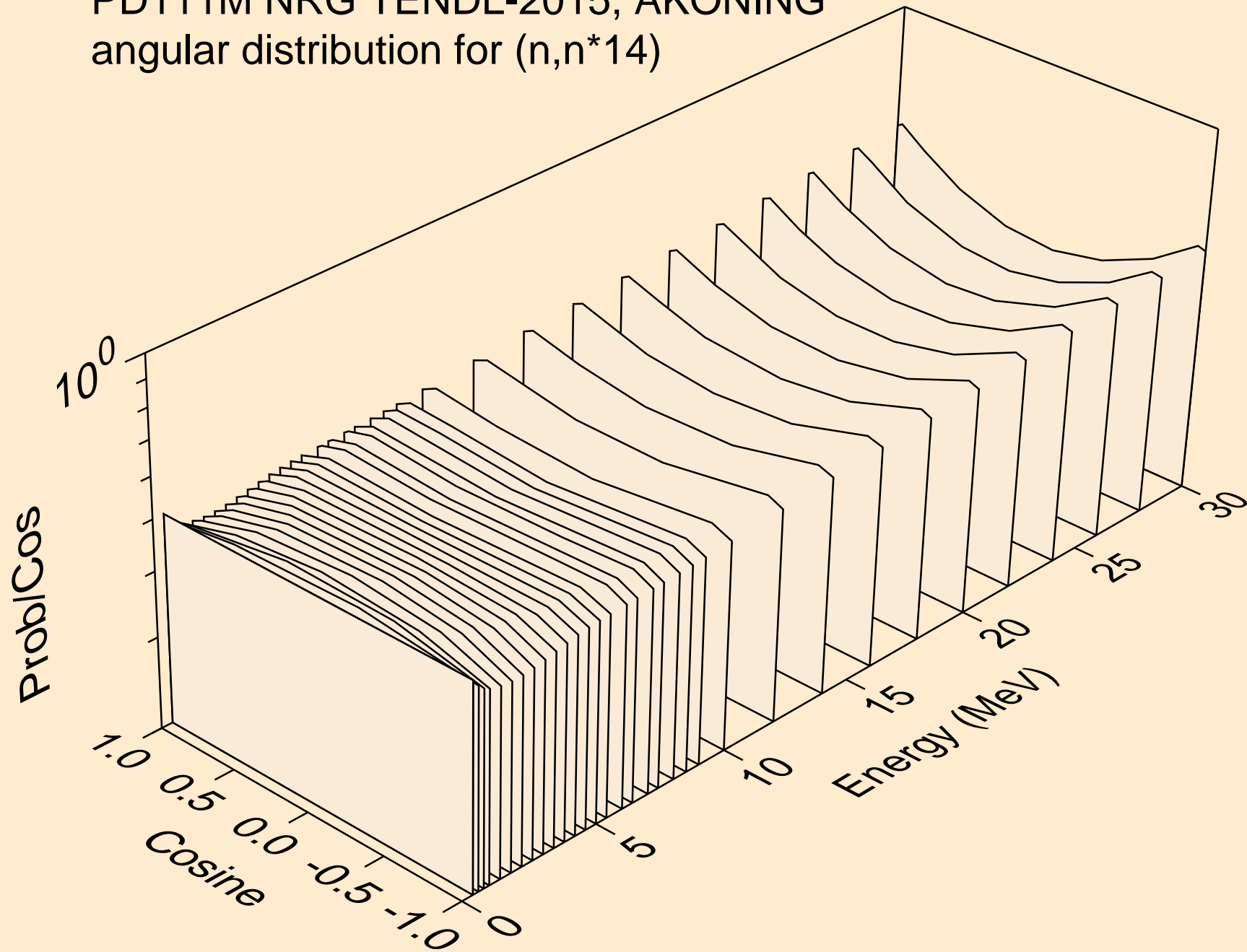
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angular distribution for (n,n\*12)



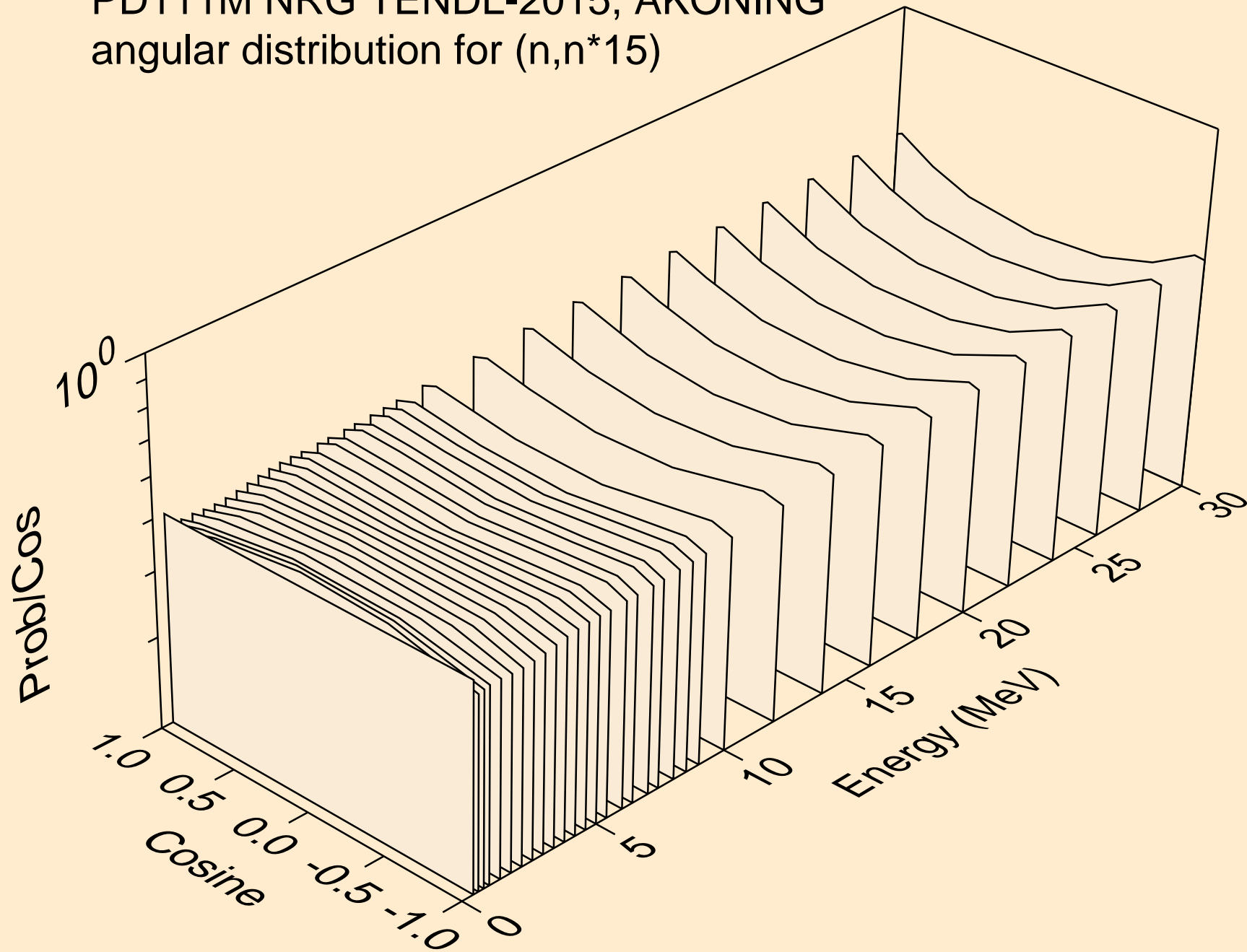
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

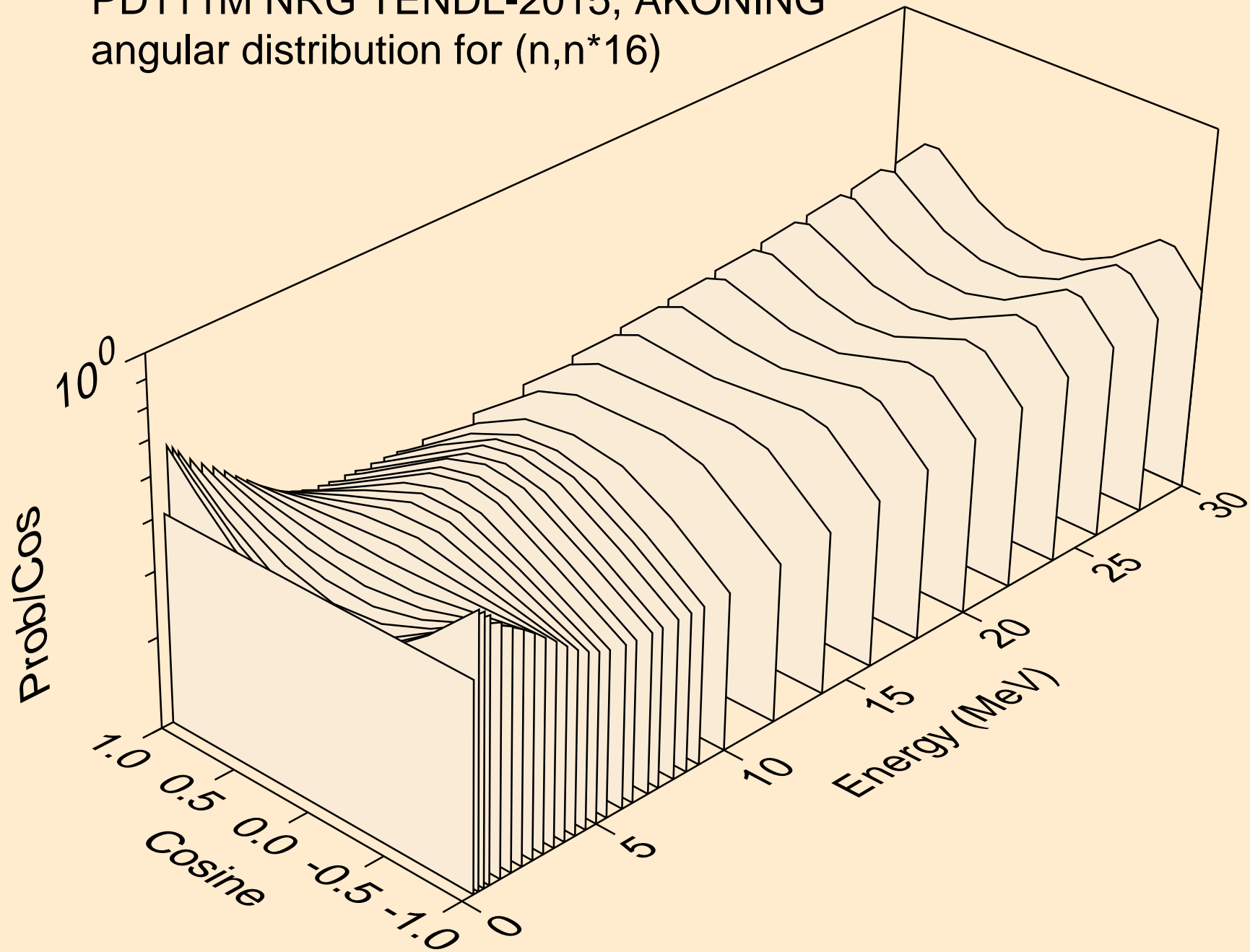


PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

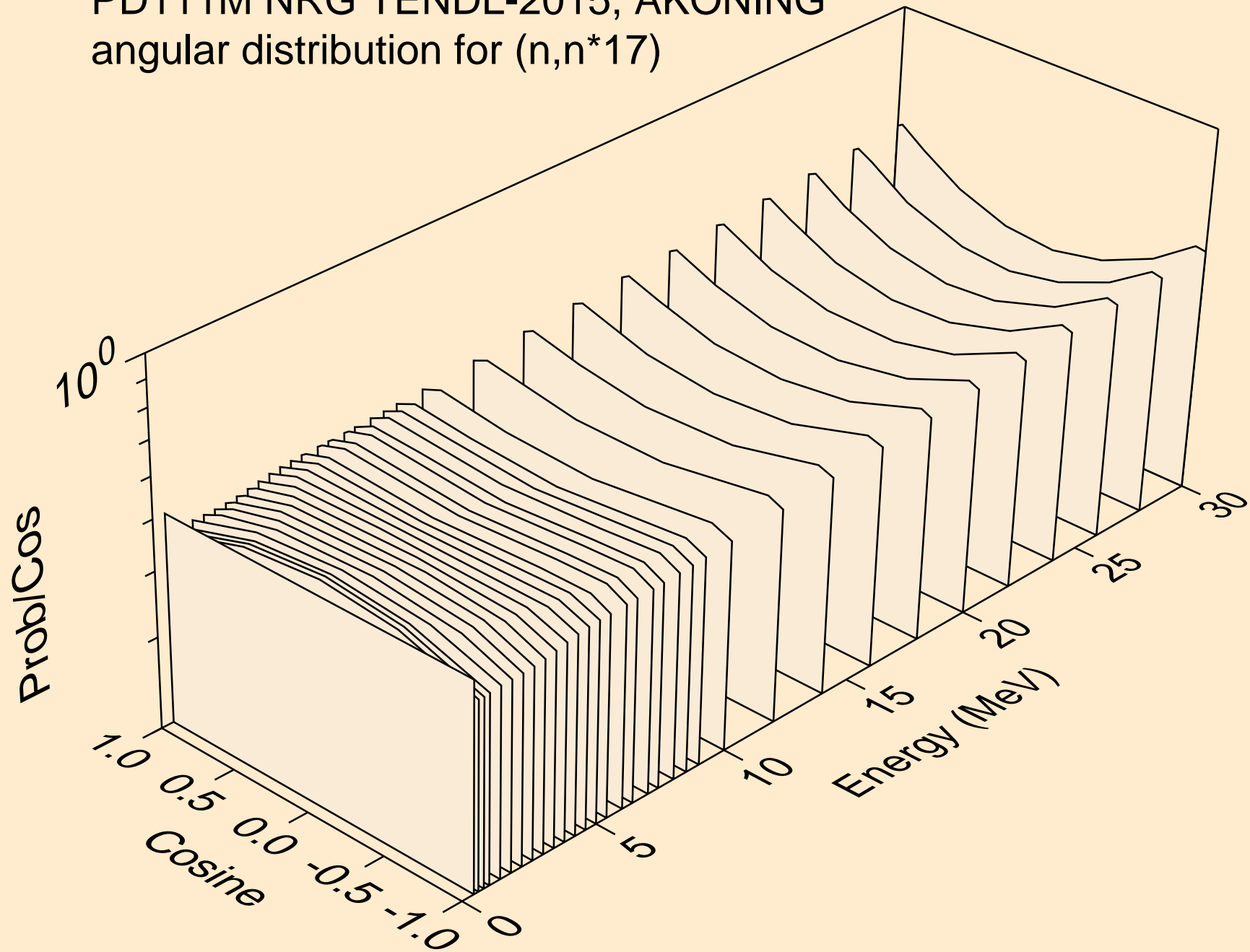




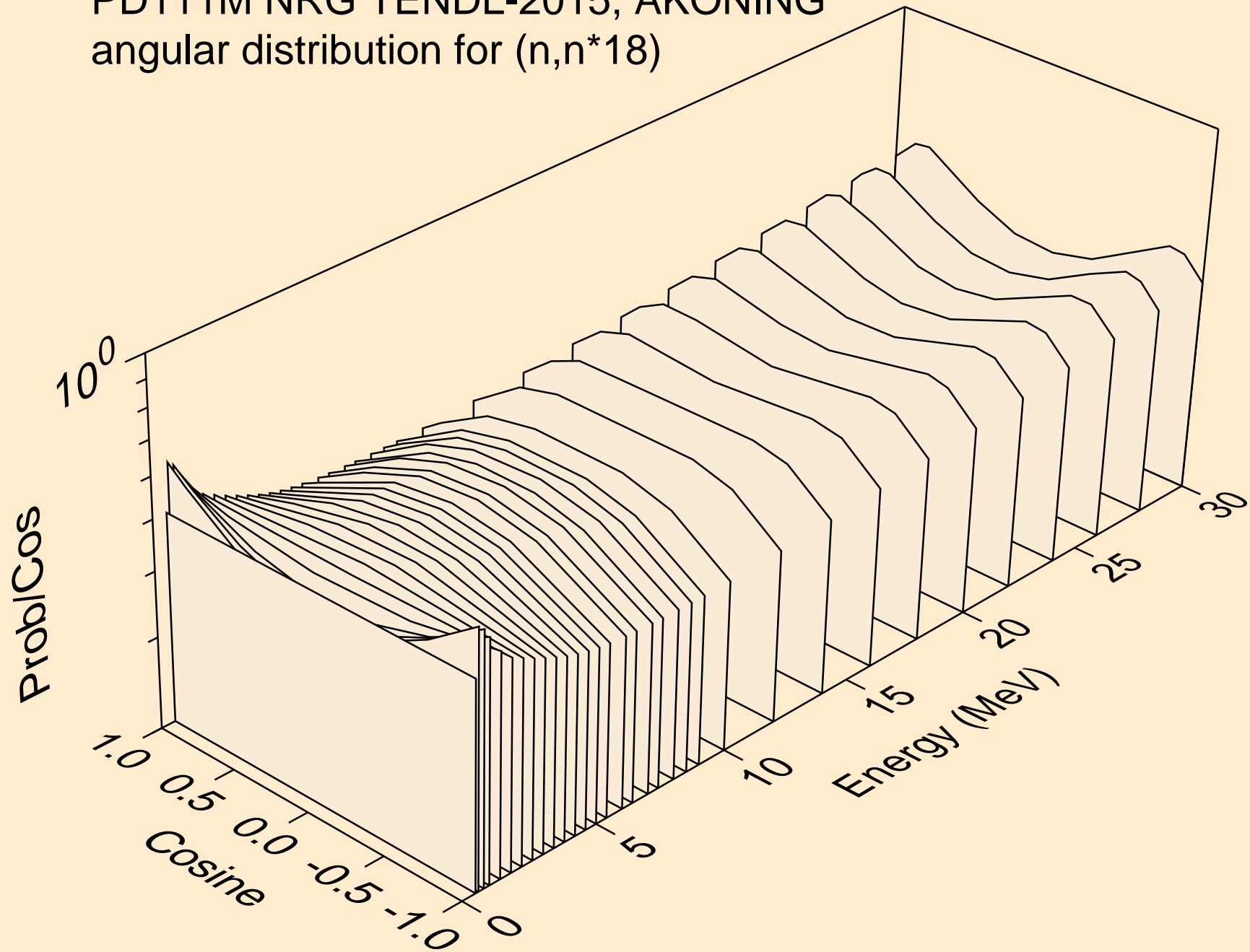
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angular distribution for (n,n\*16)



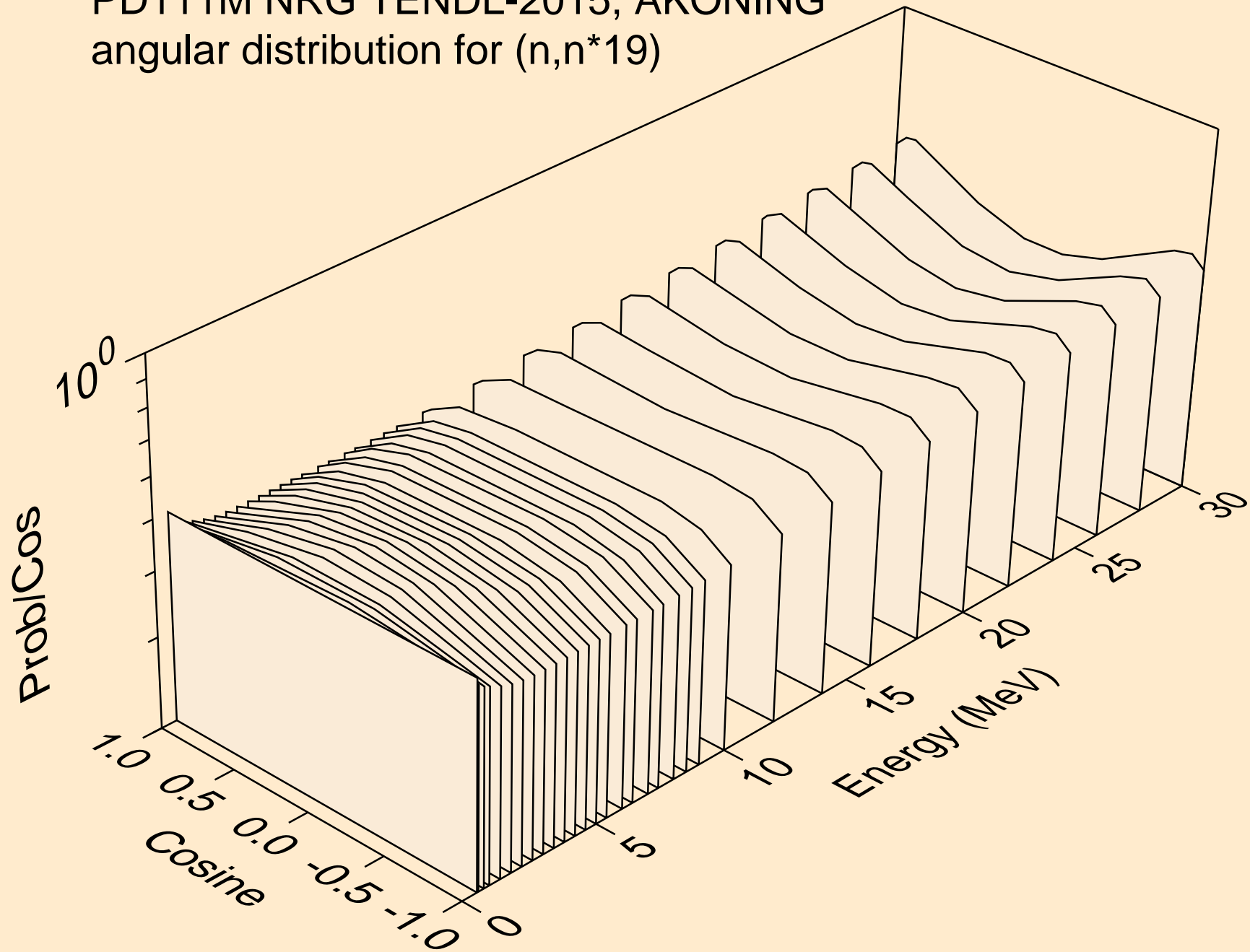
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angular distribution for (n,n\*17)



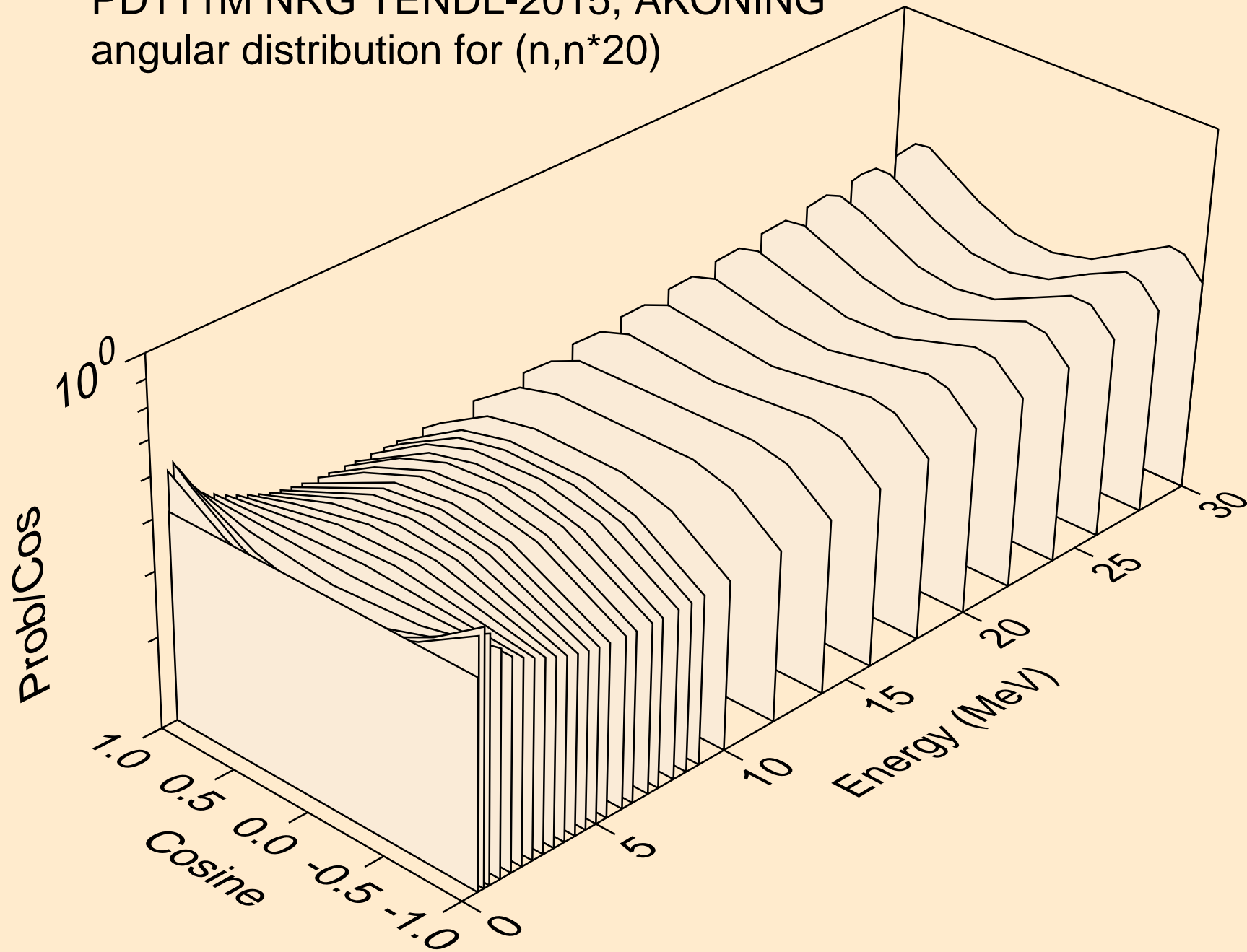
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



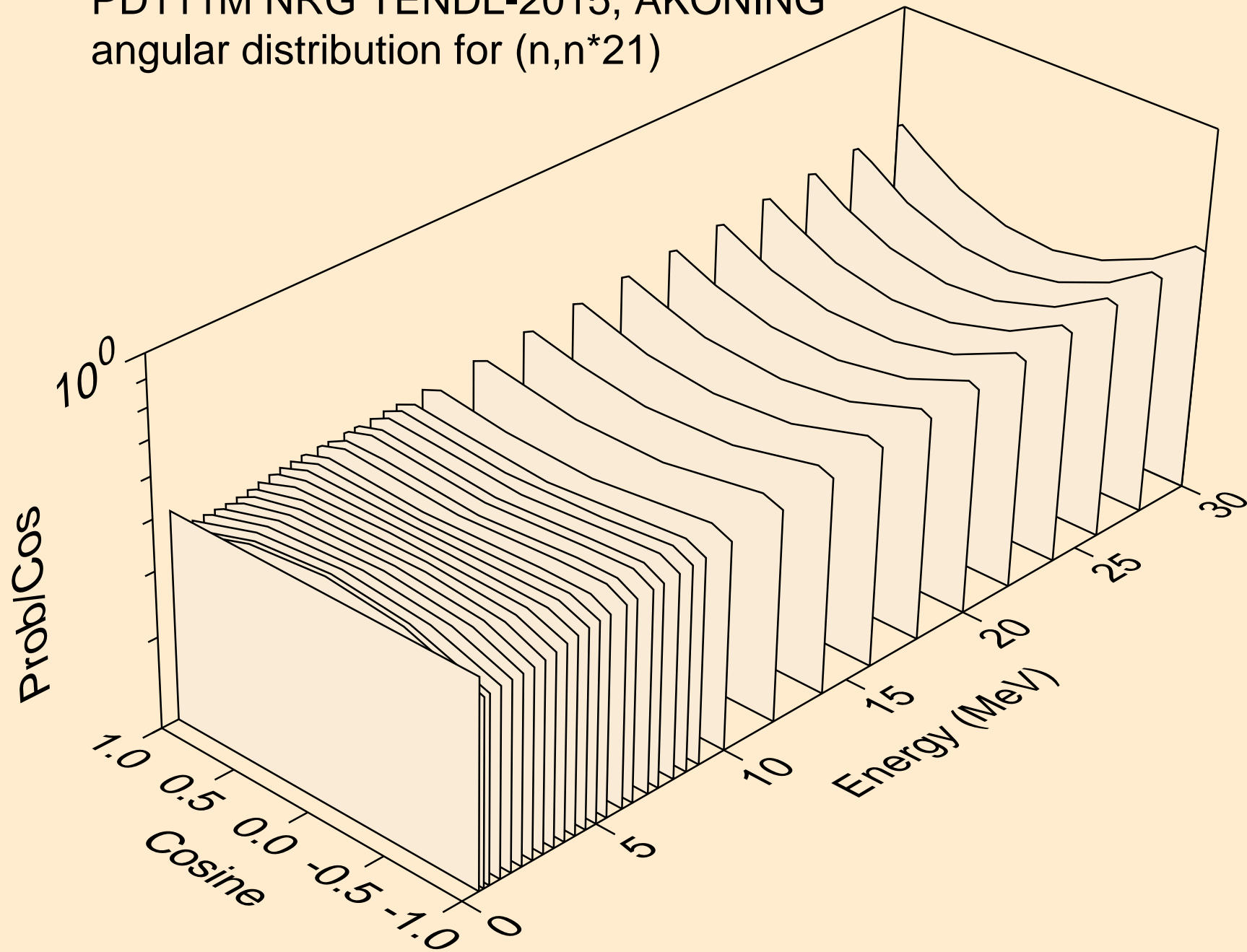
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



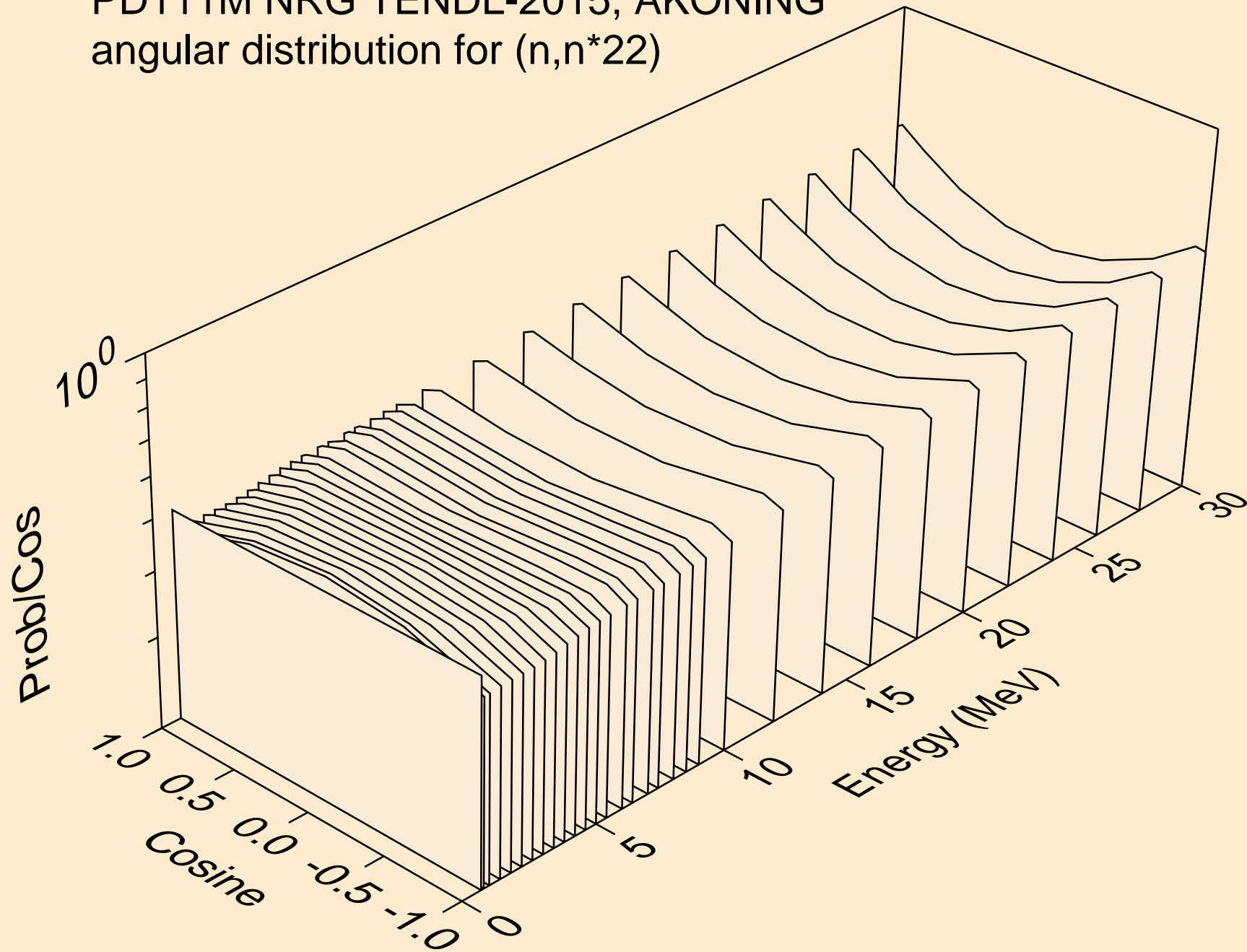
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angular distribution for (n,n\*20)



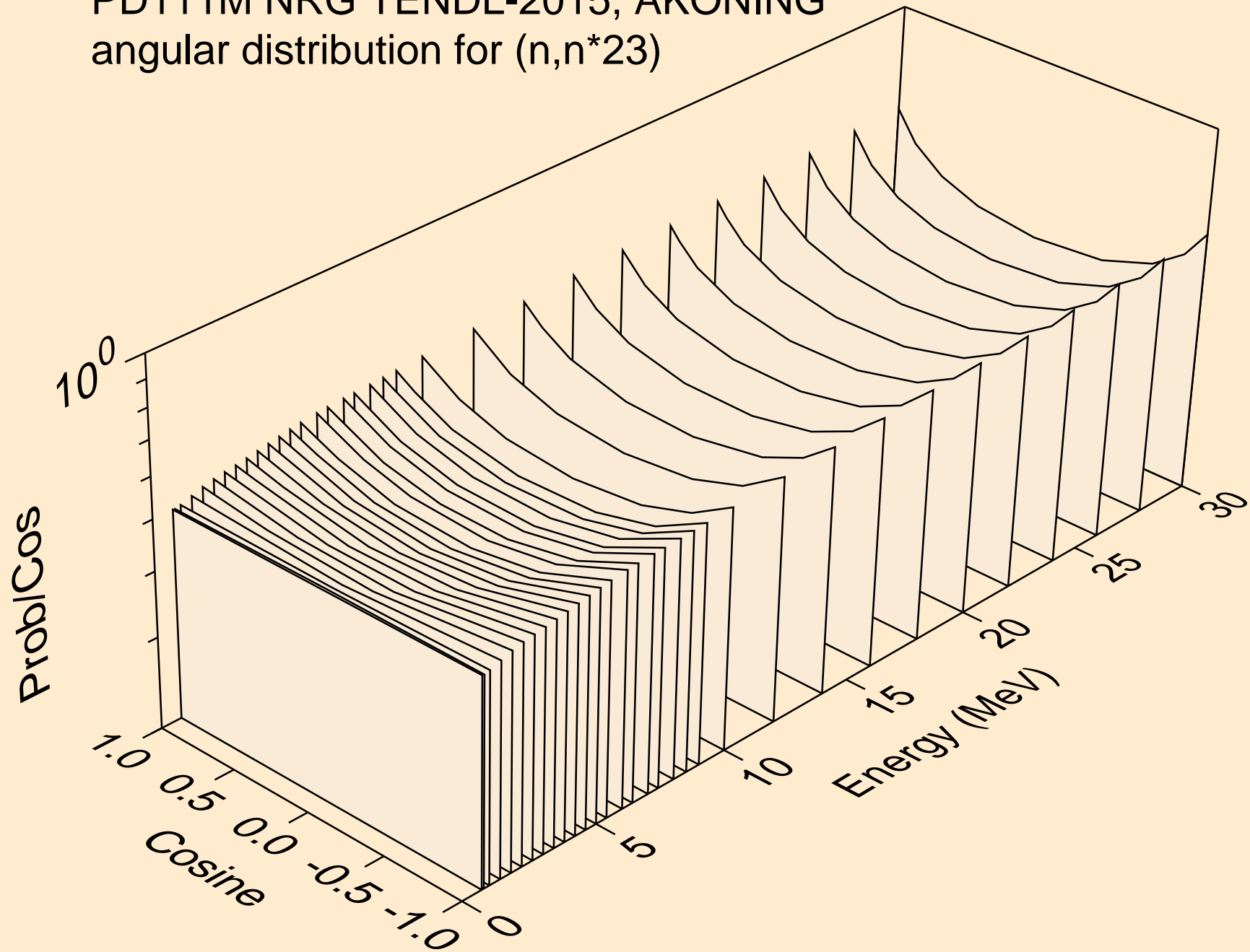
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

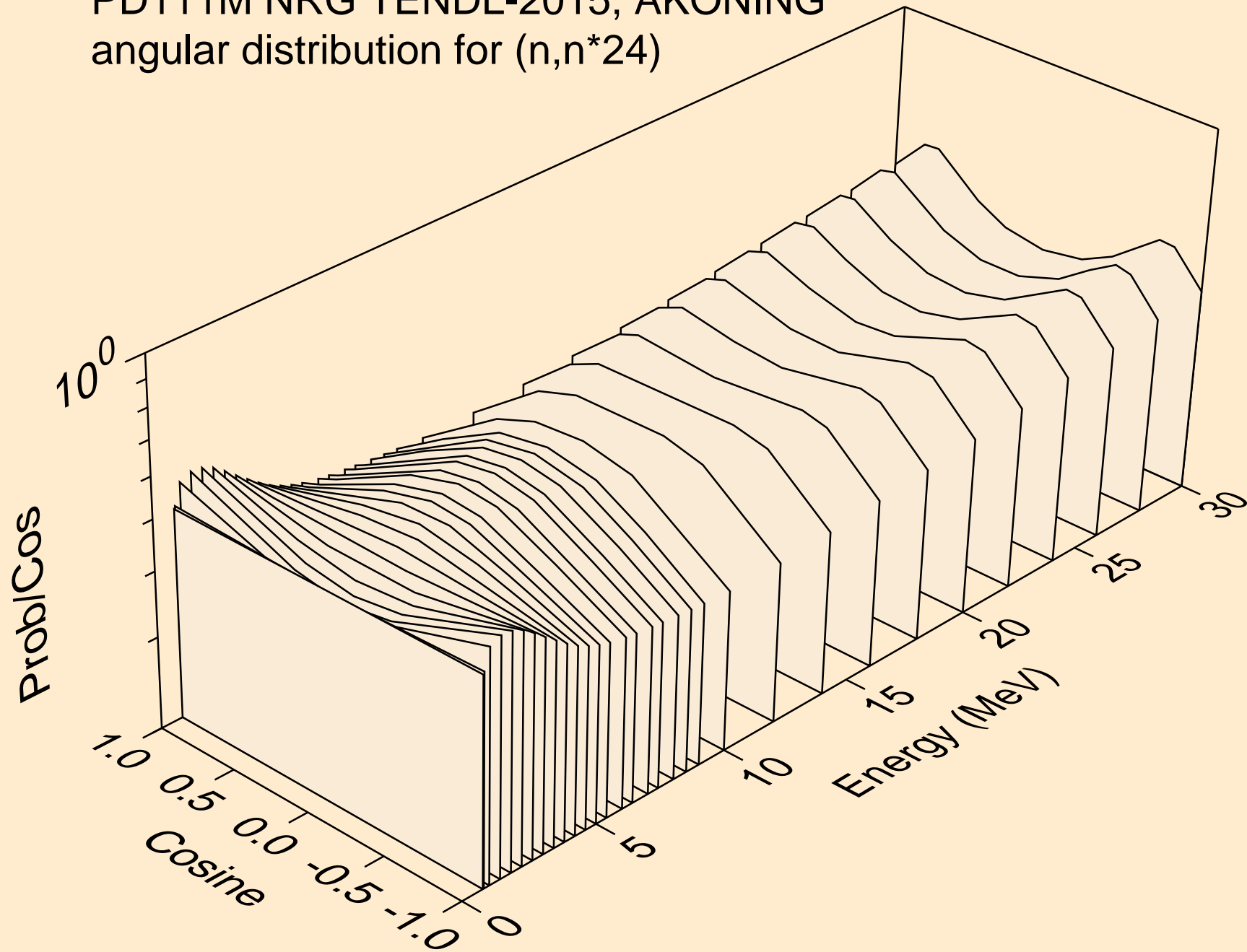


PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

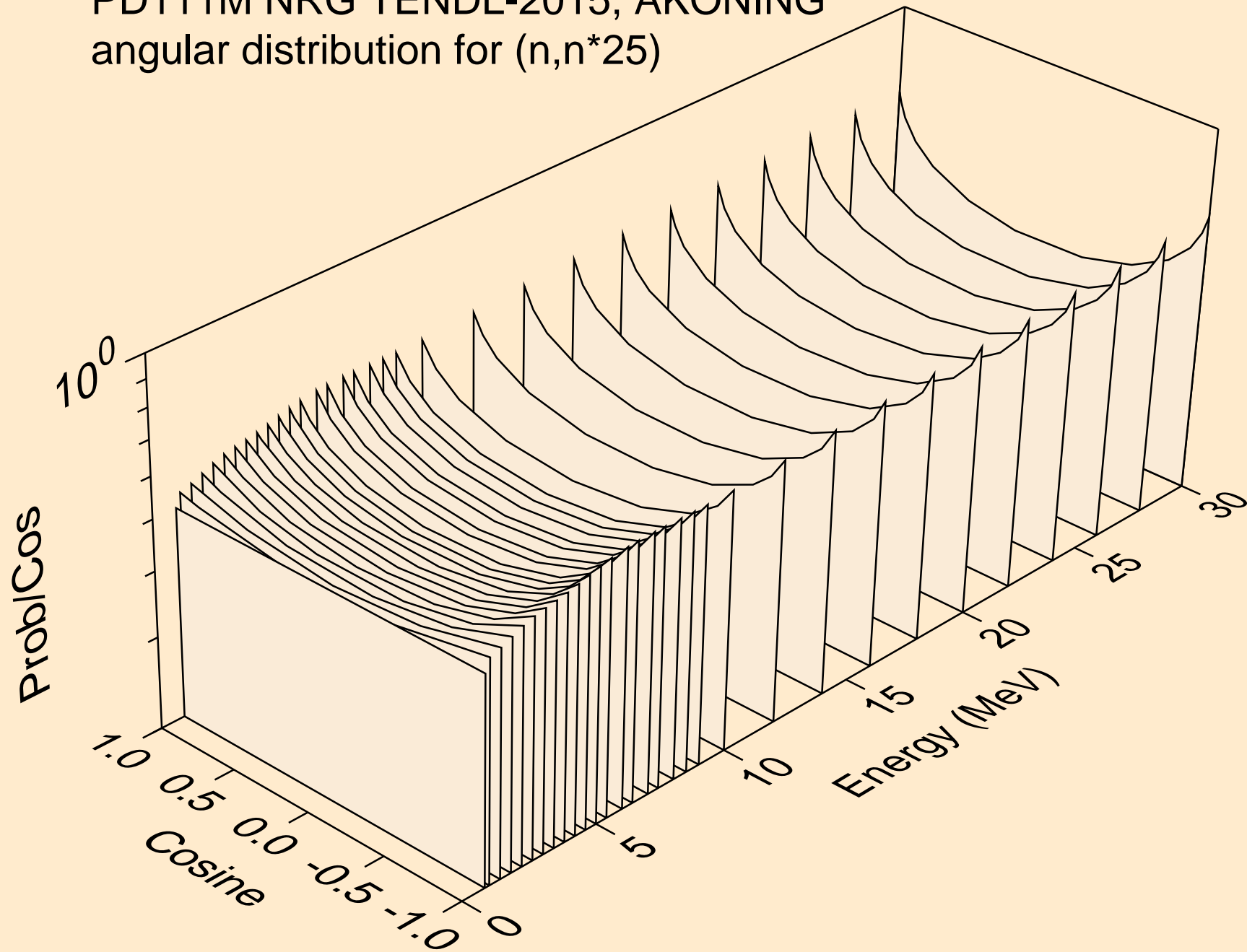




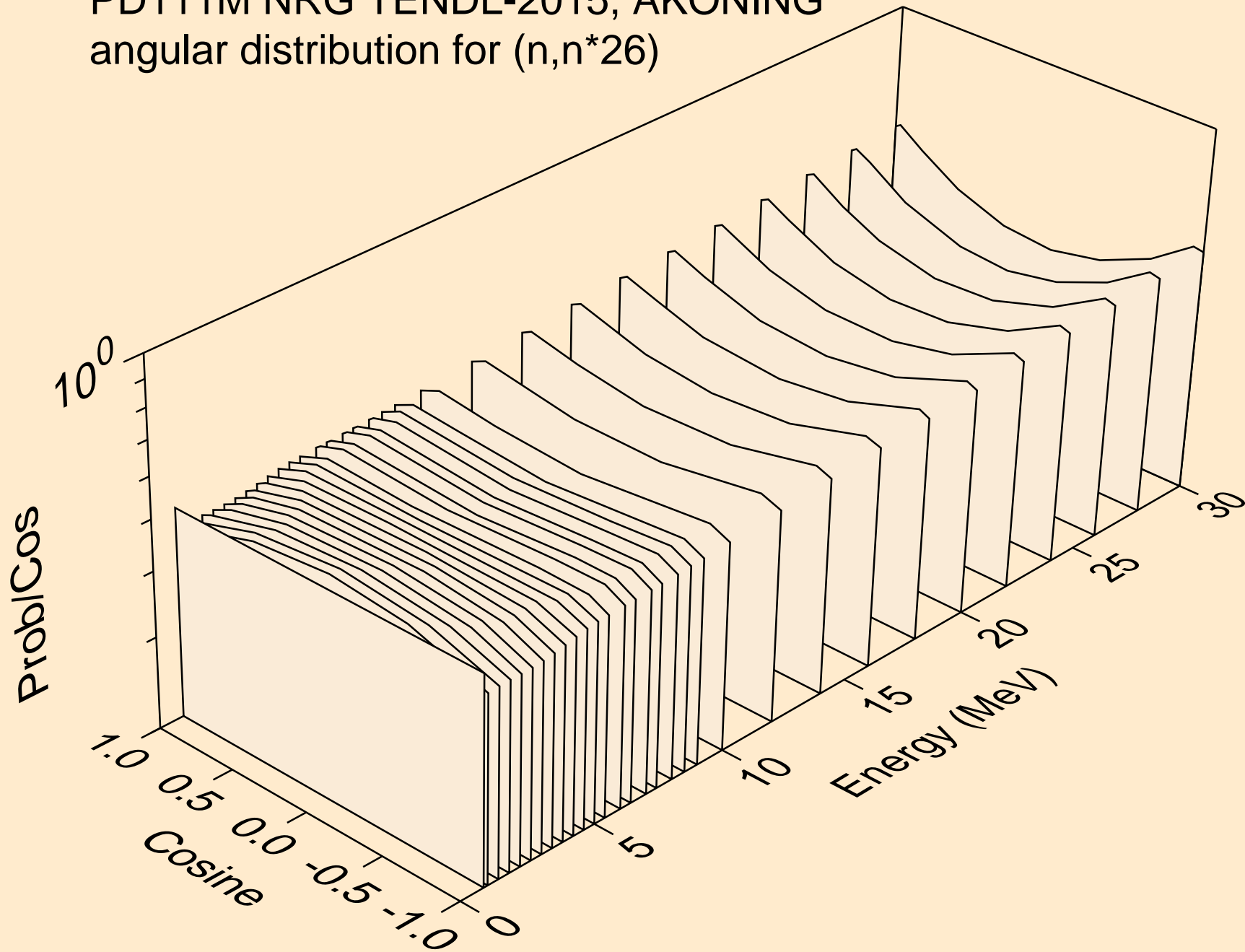
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



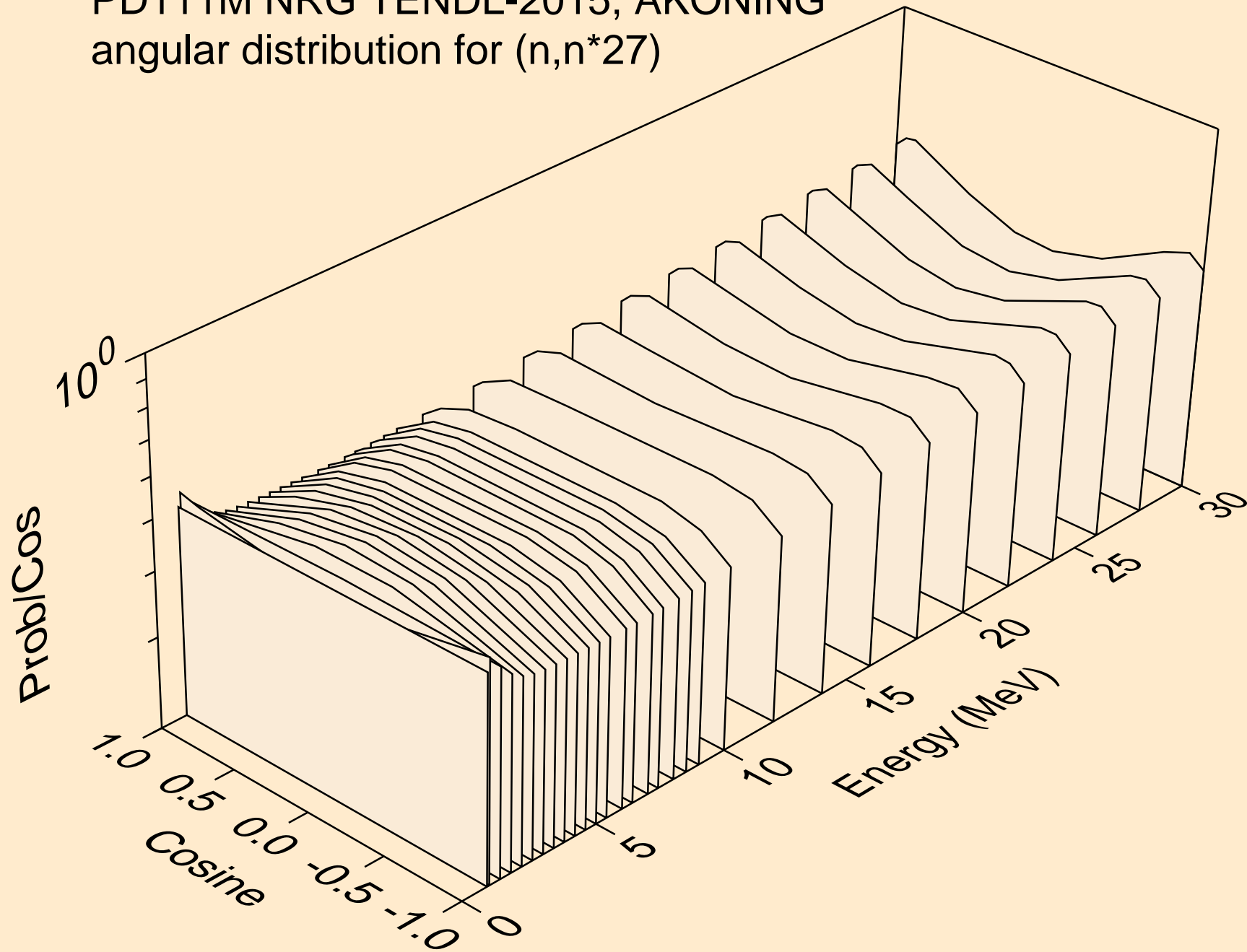
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angular distribution for (n,n\*25)



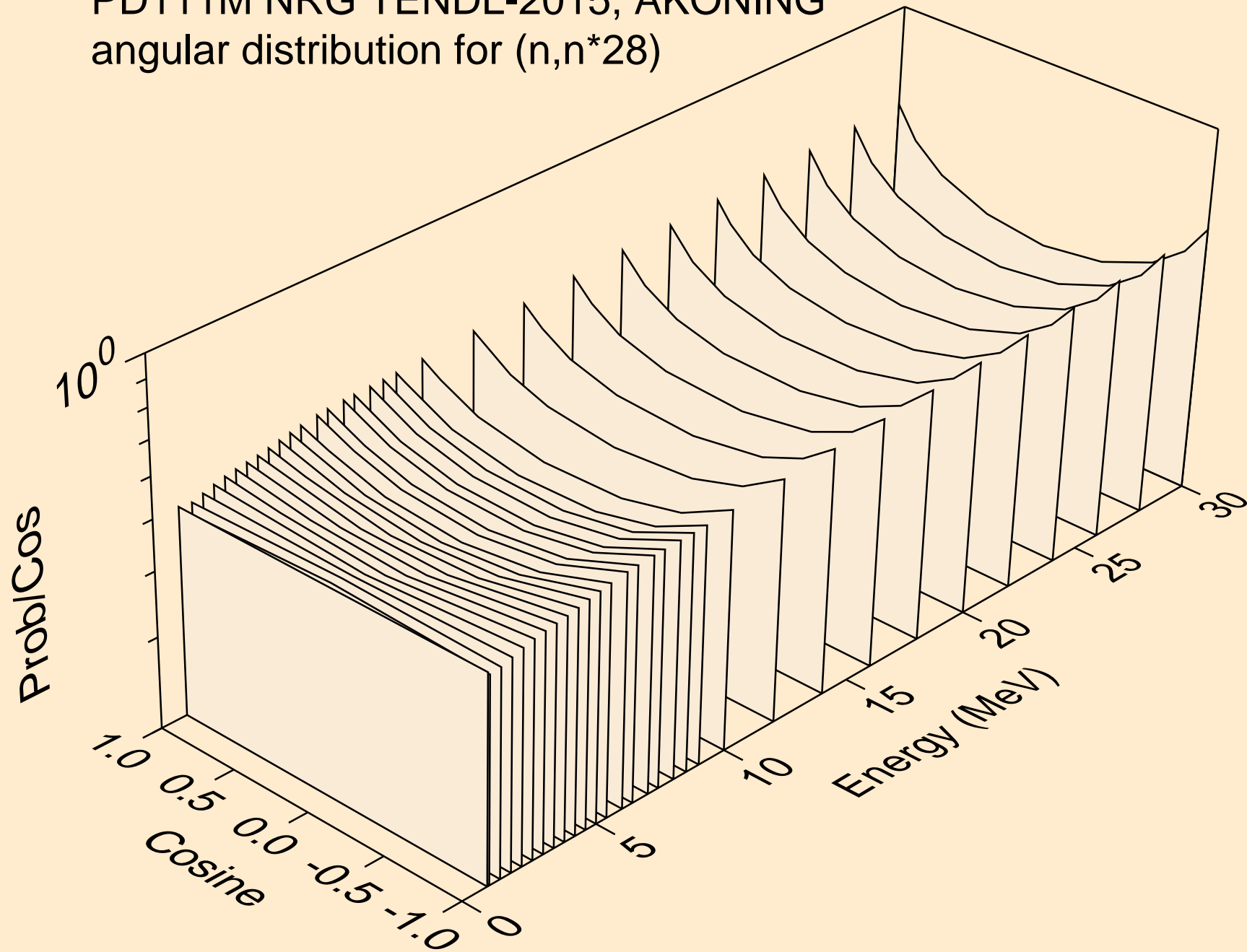
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



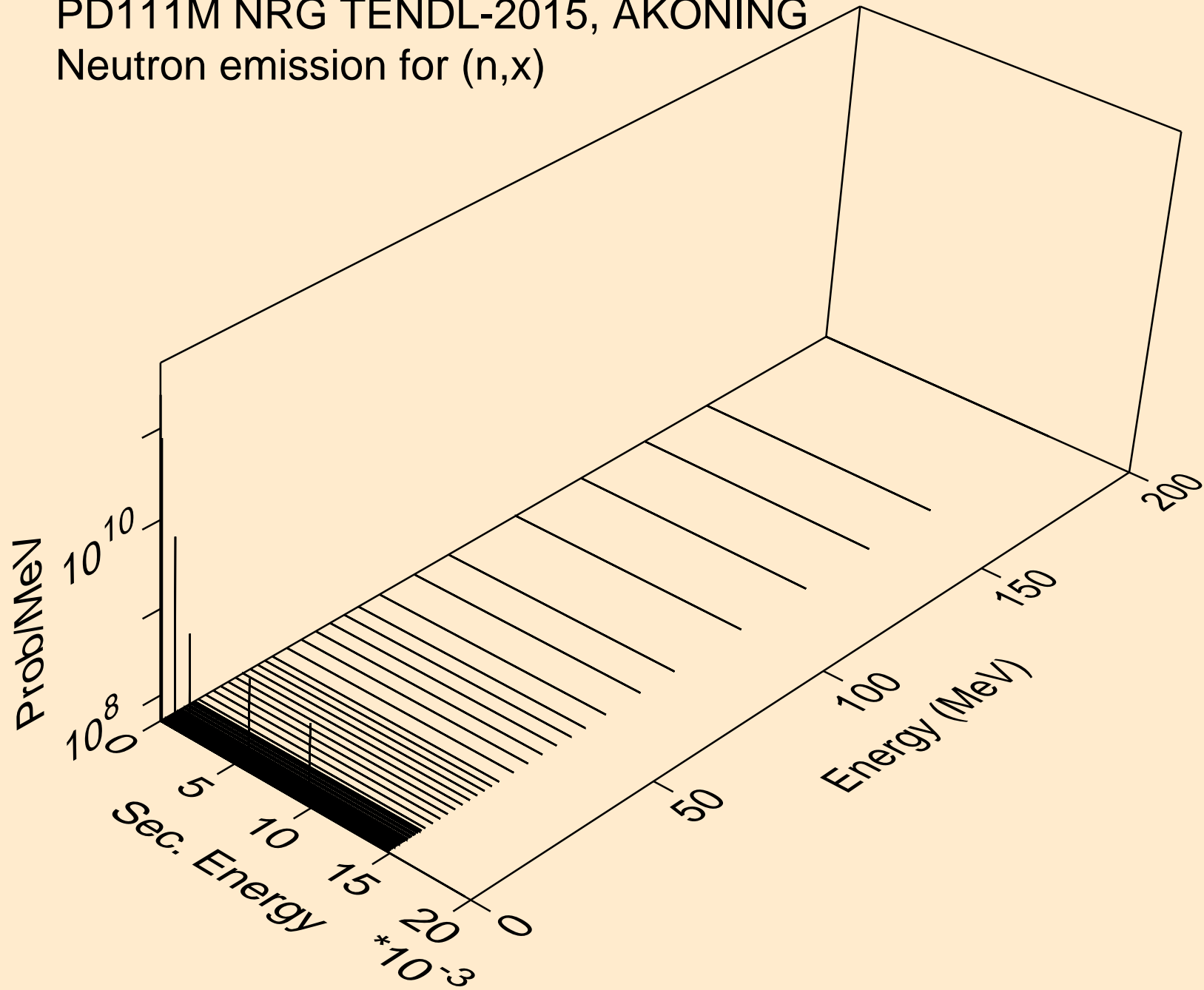
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



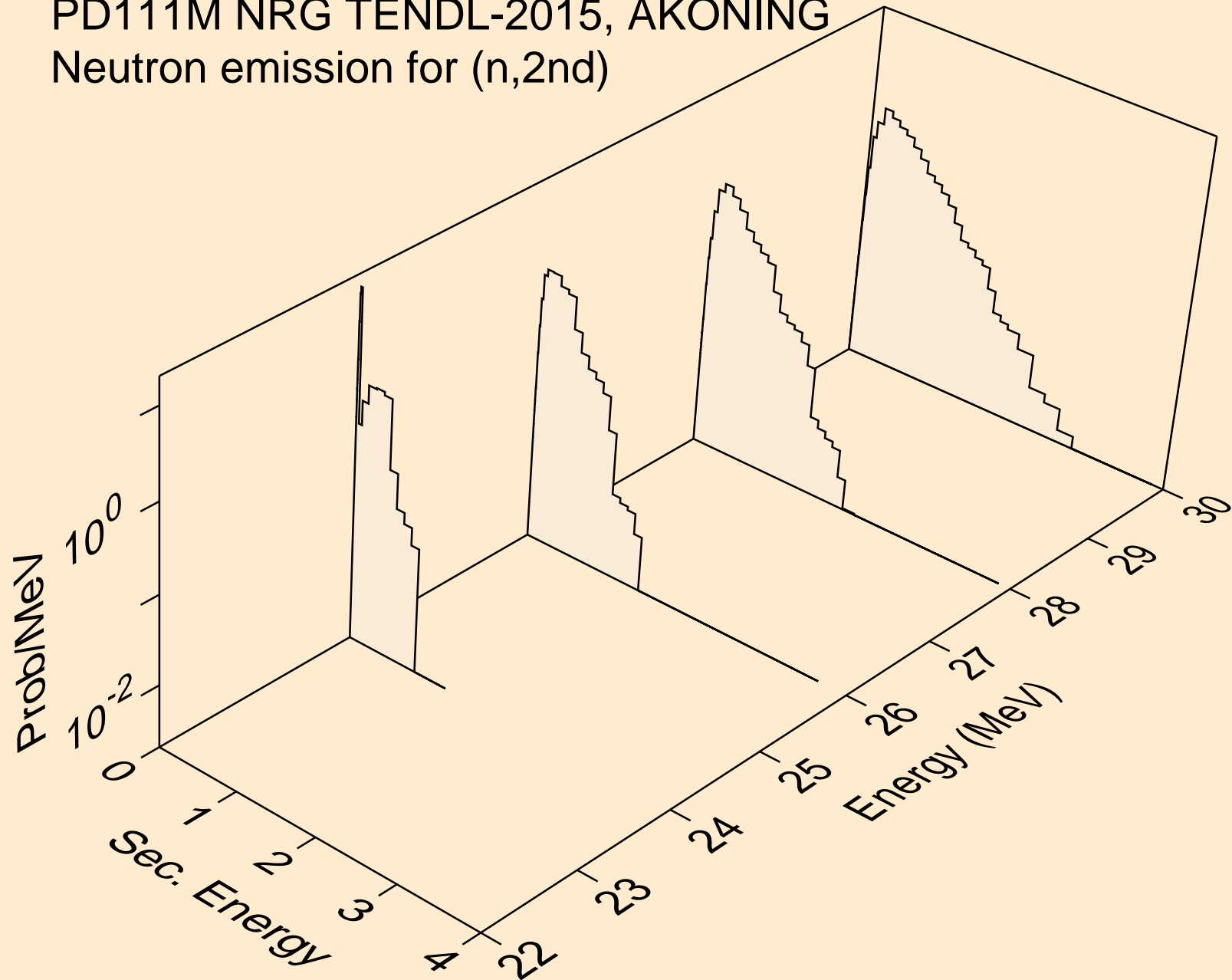
PD111M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



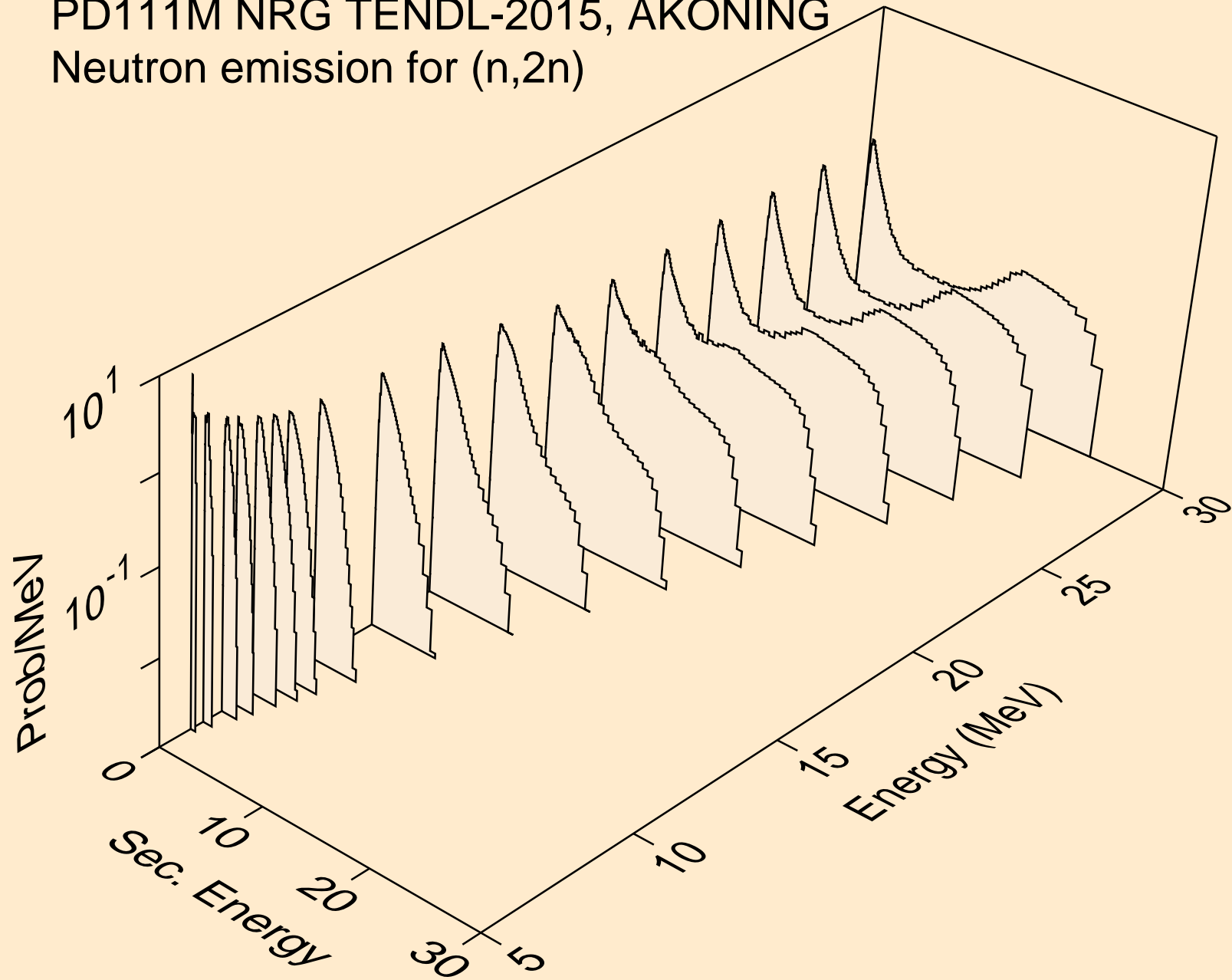
PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

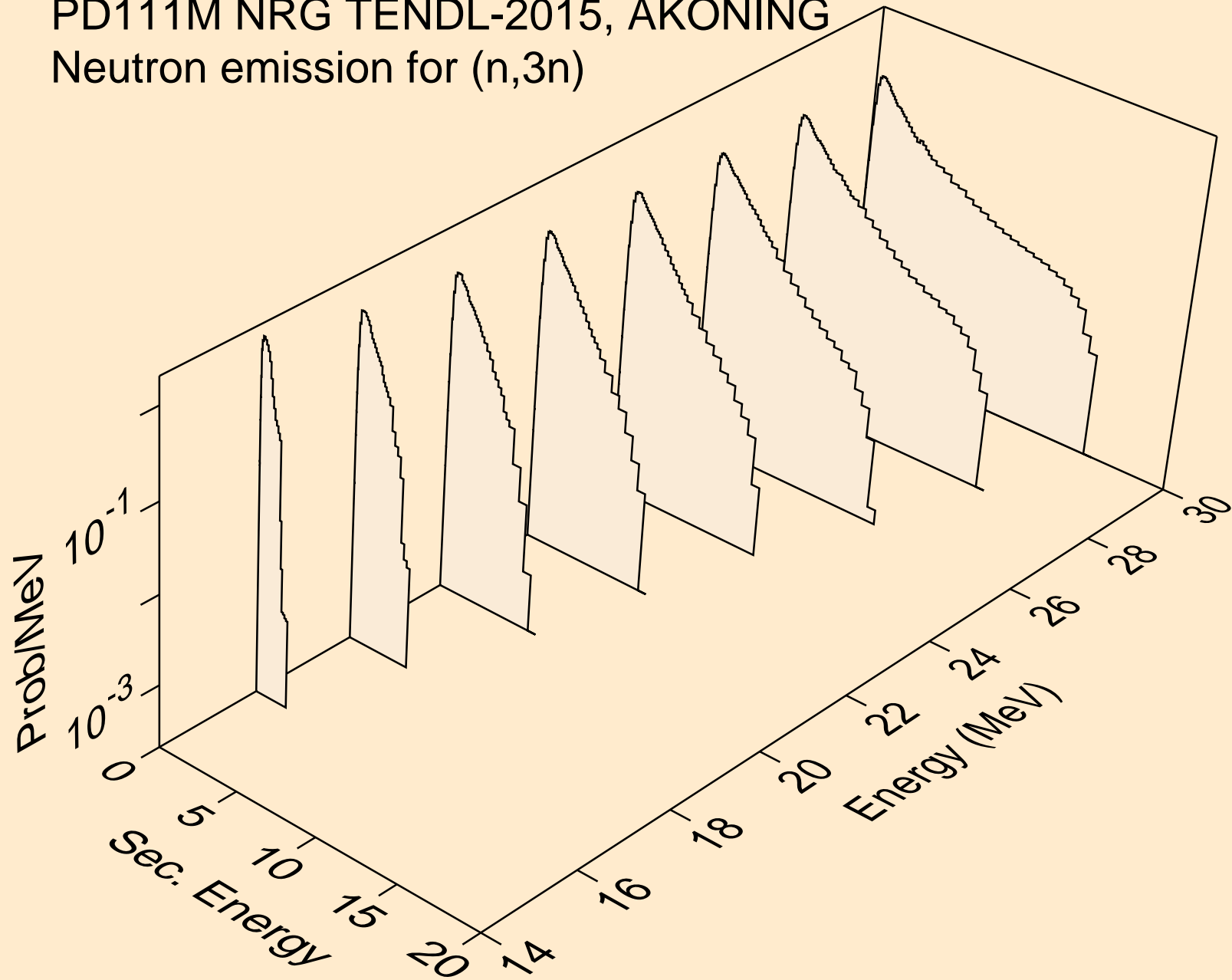


PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

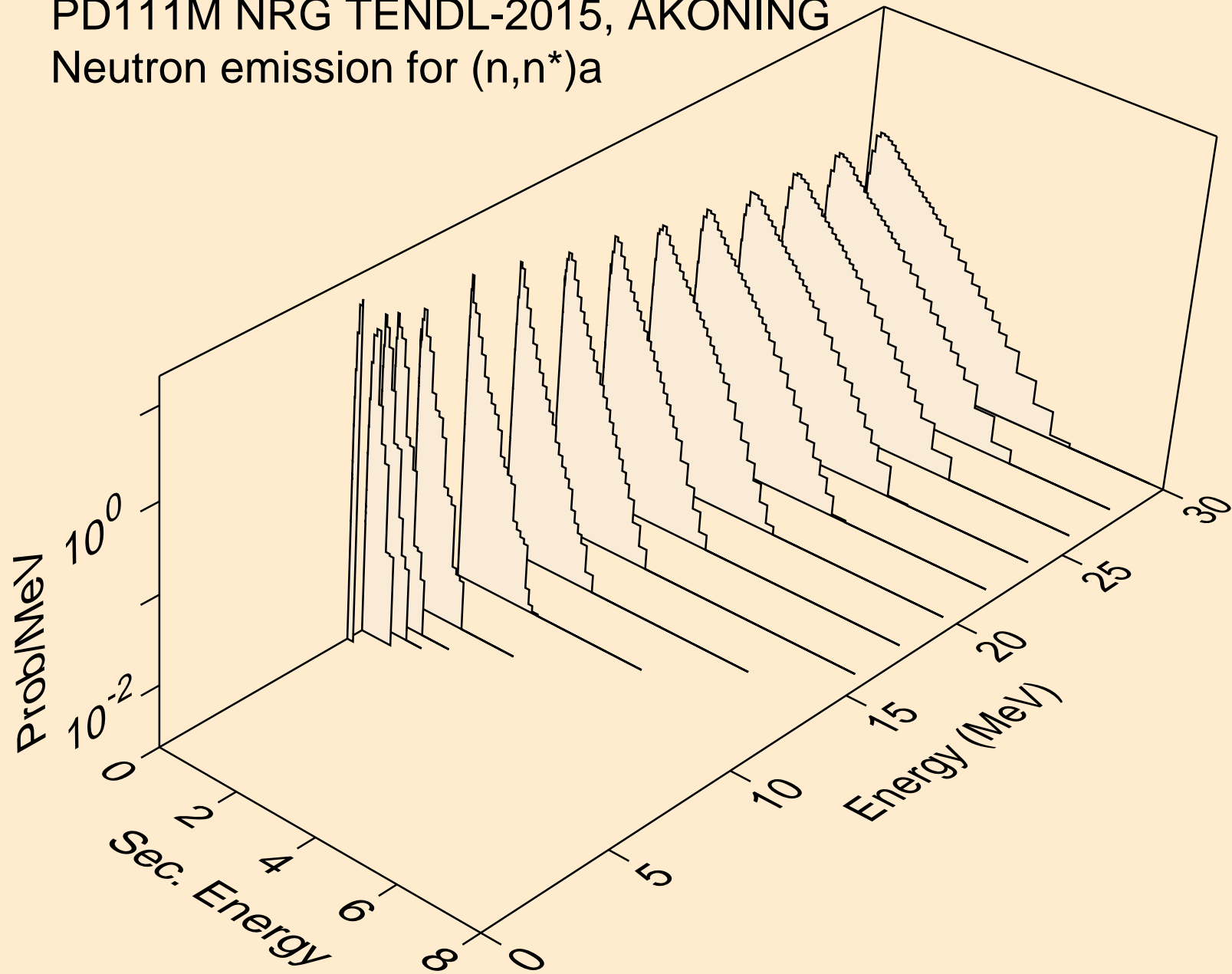




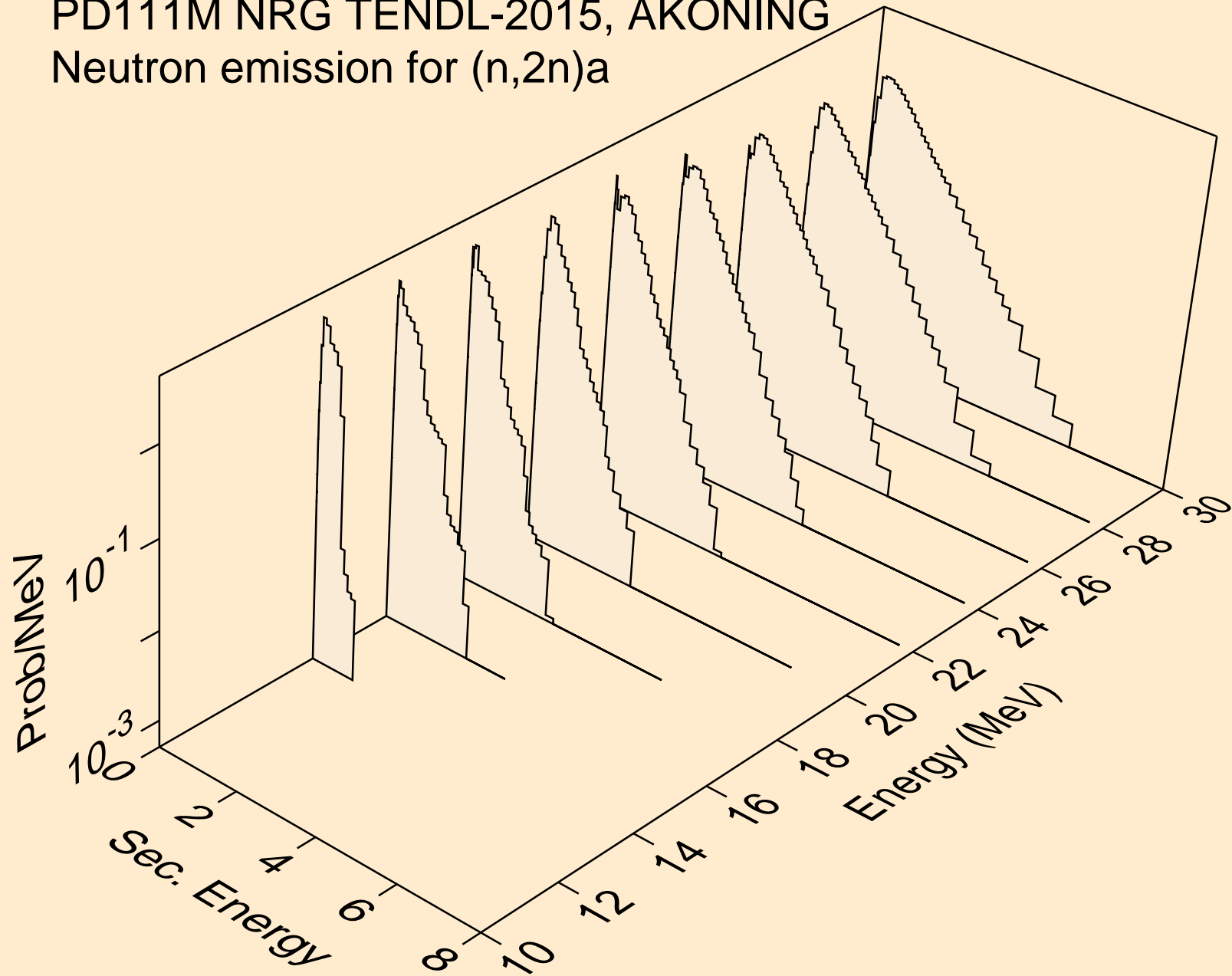
PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



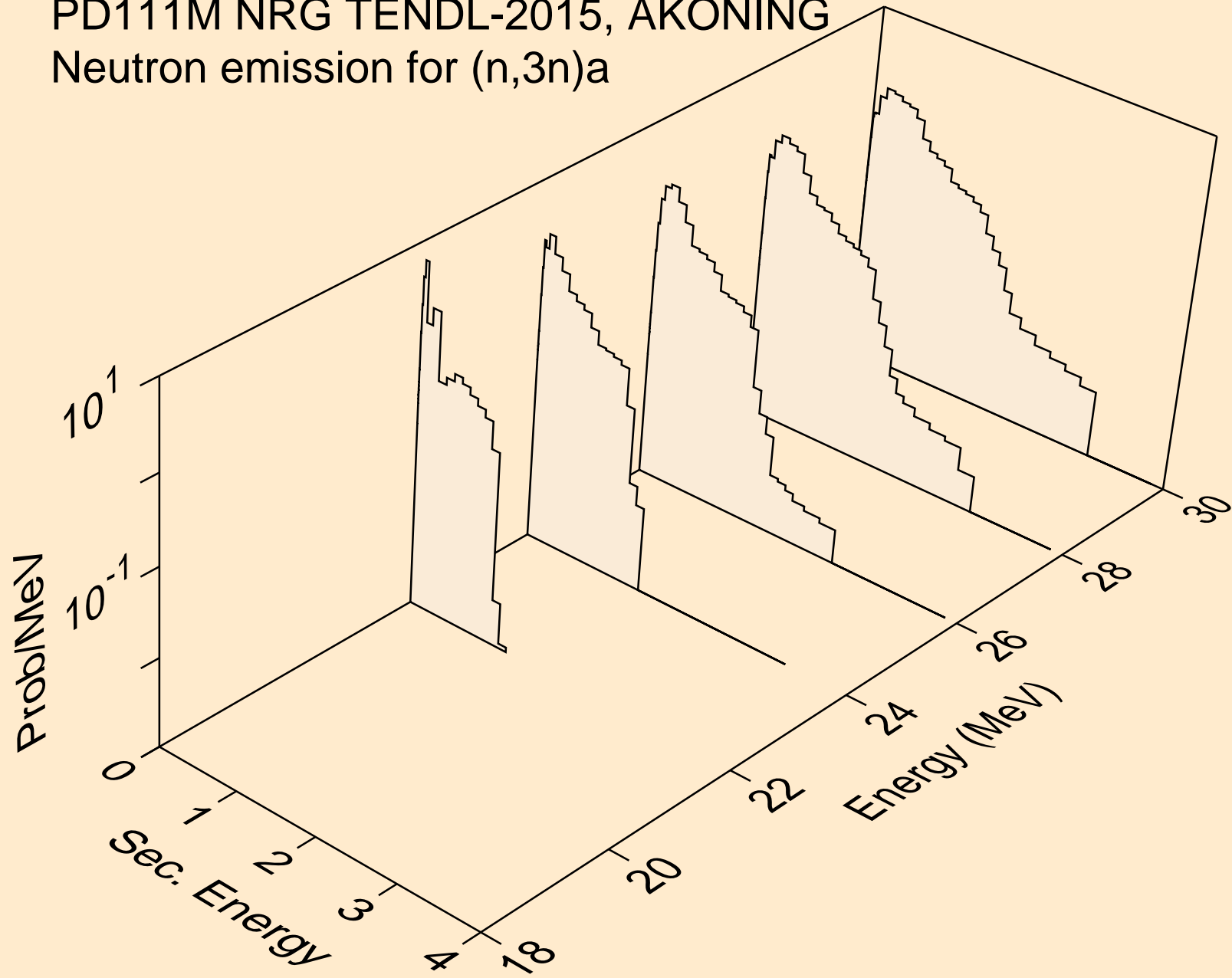
PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



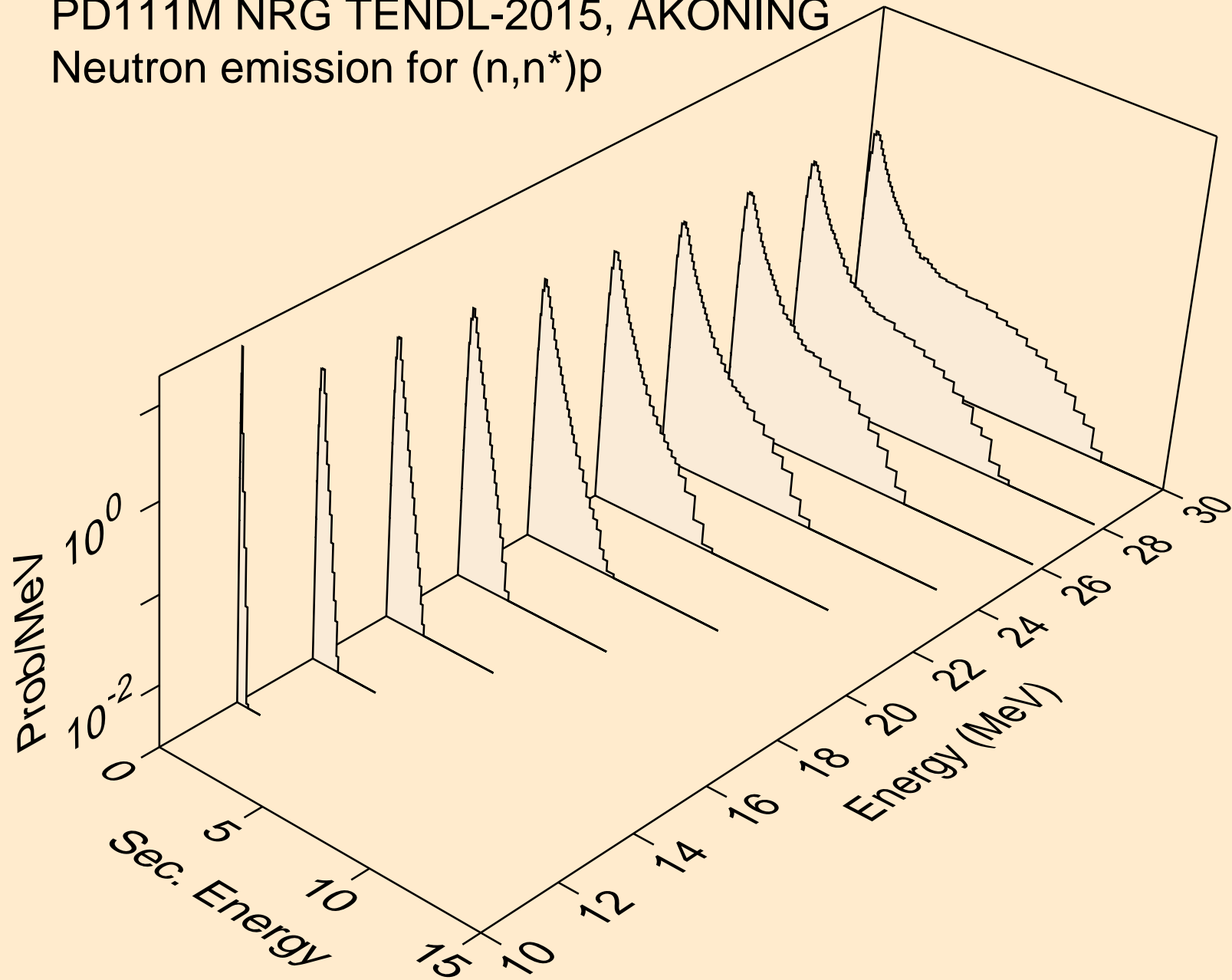
PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



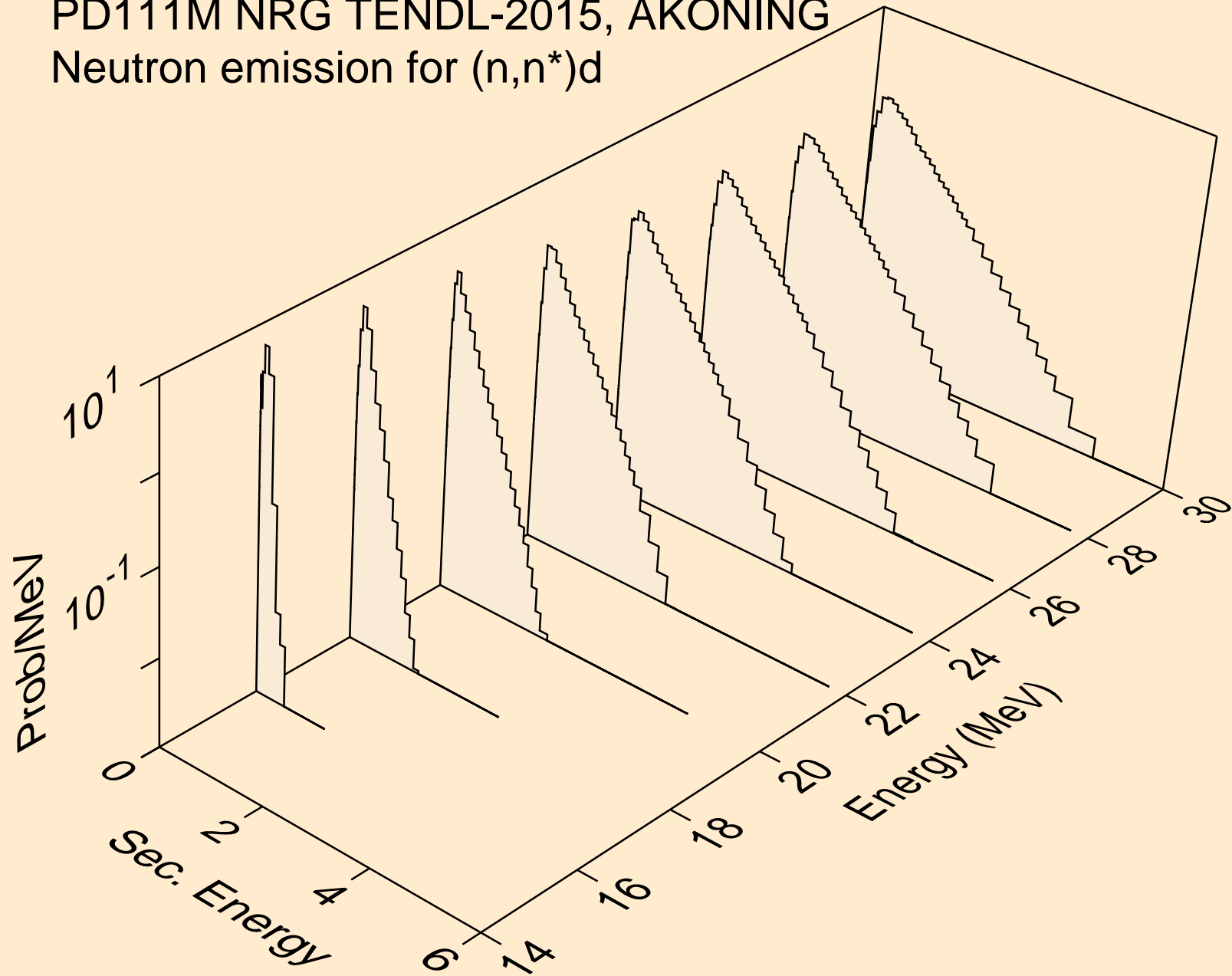
PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



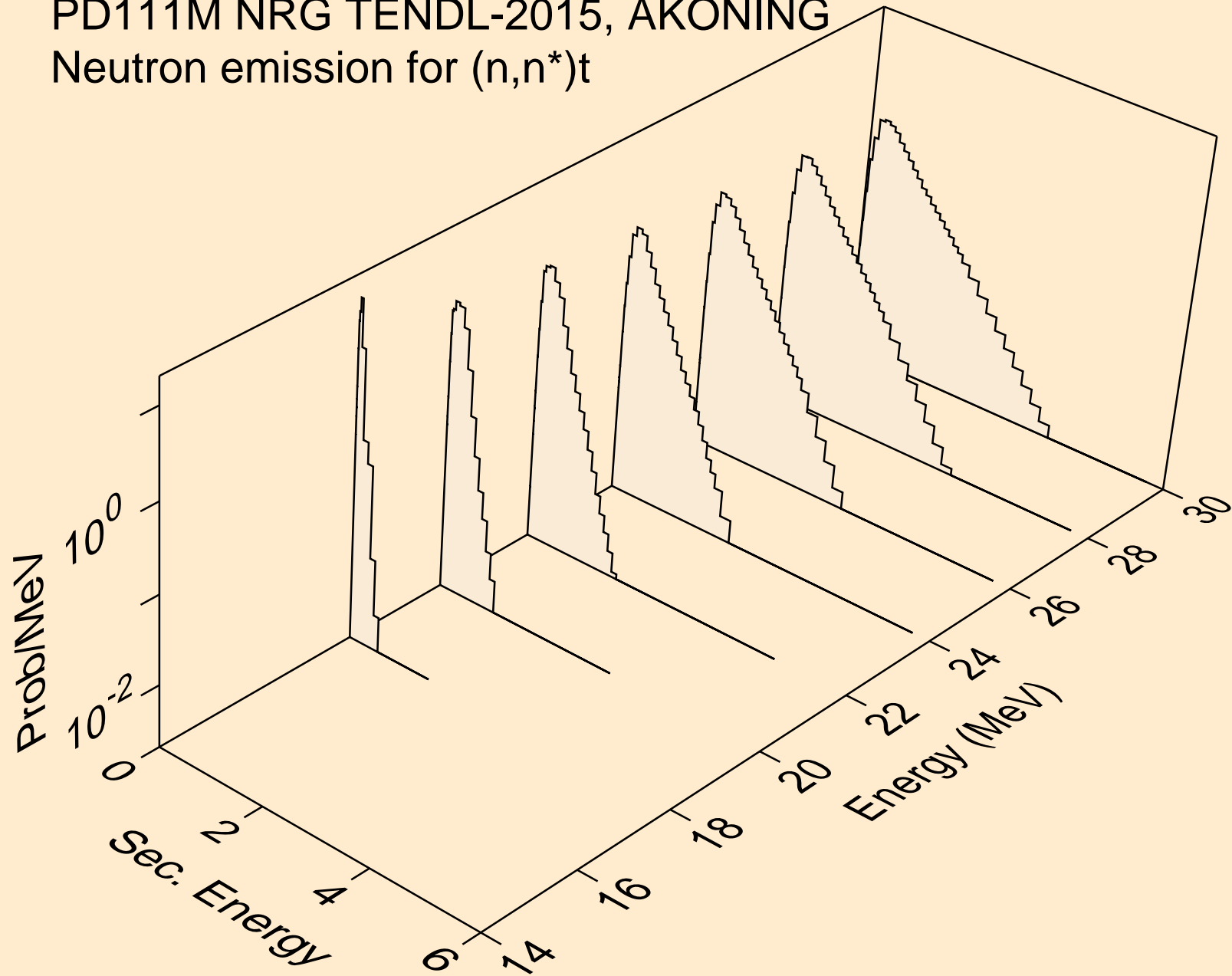
PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



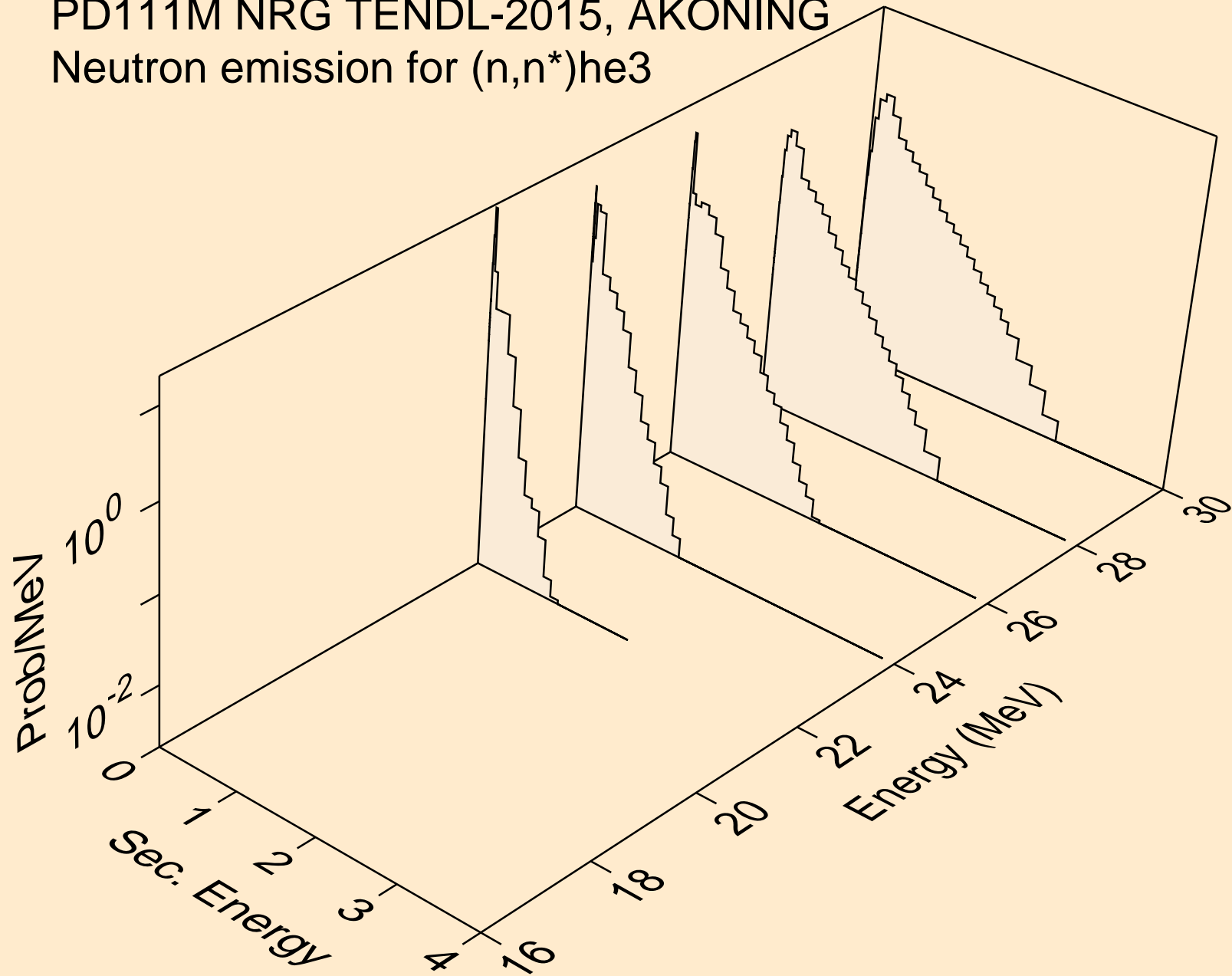
PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

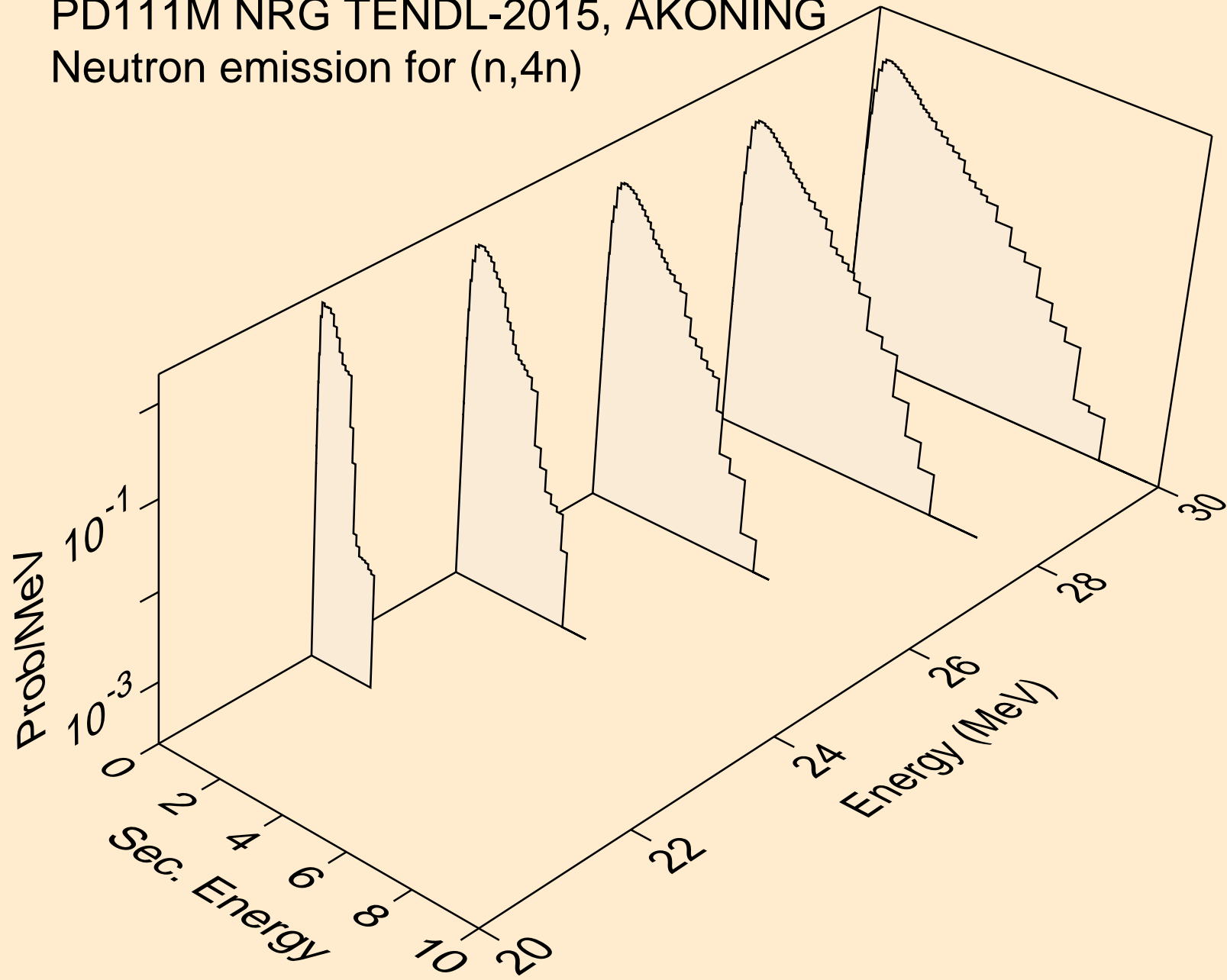


PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

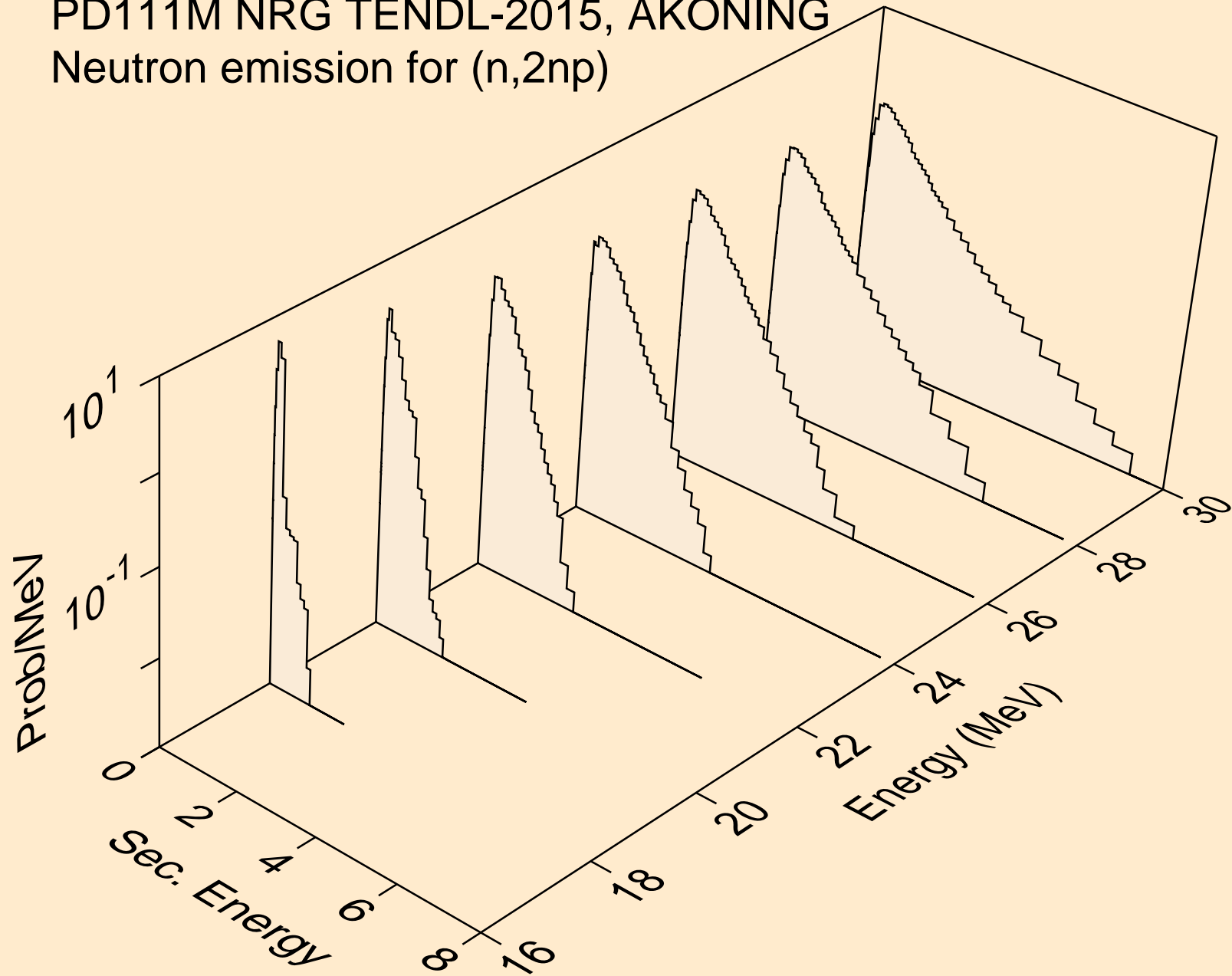




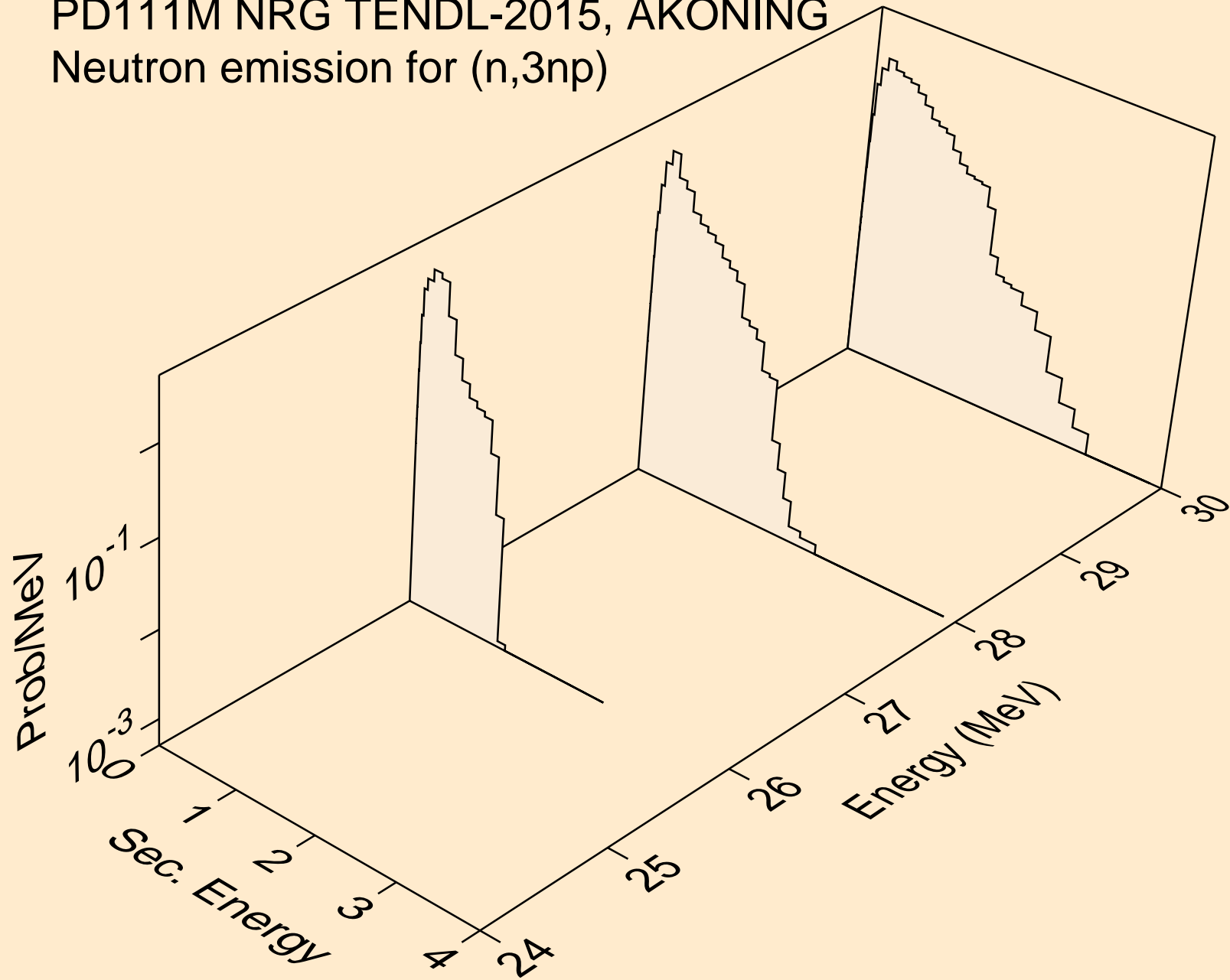
PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



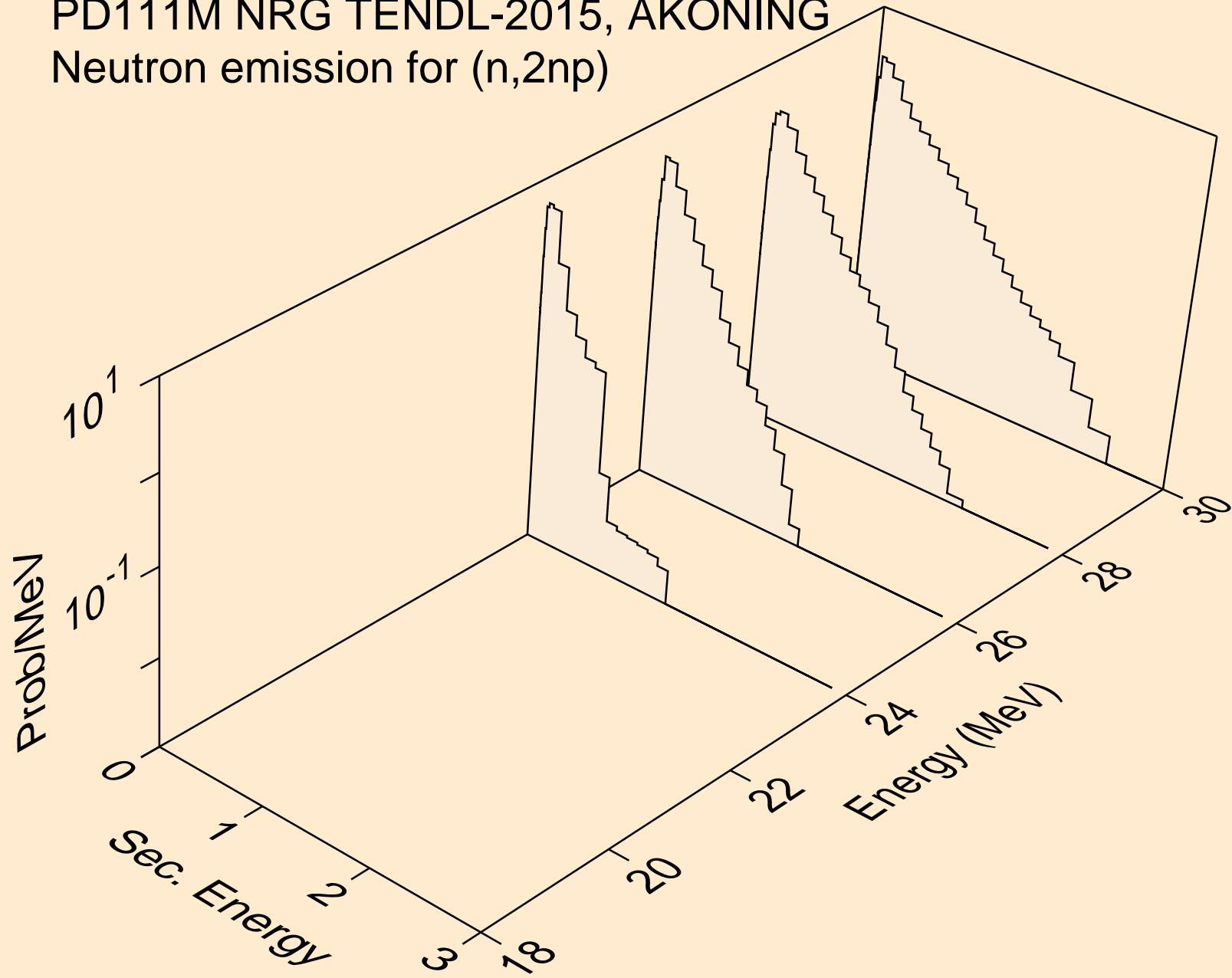
PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



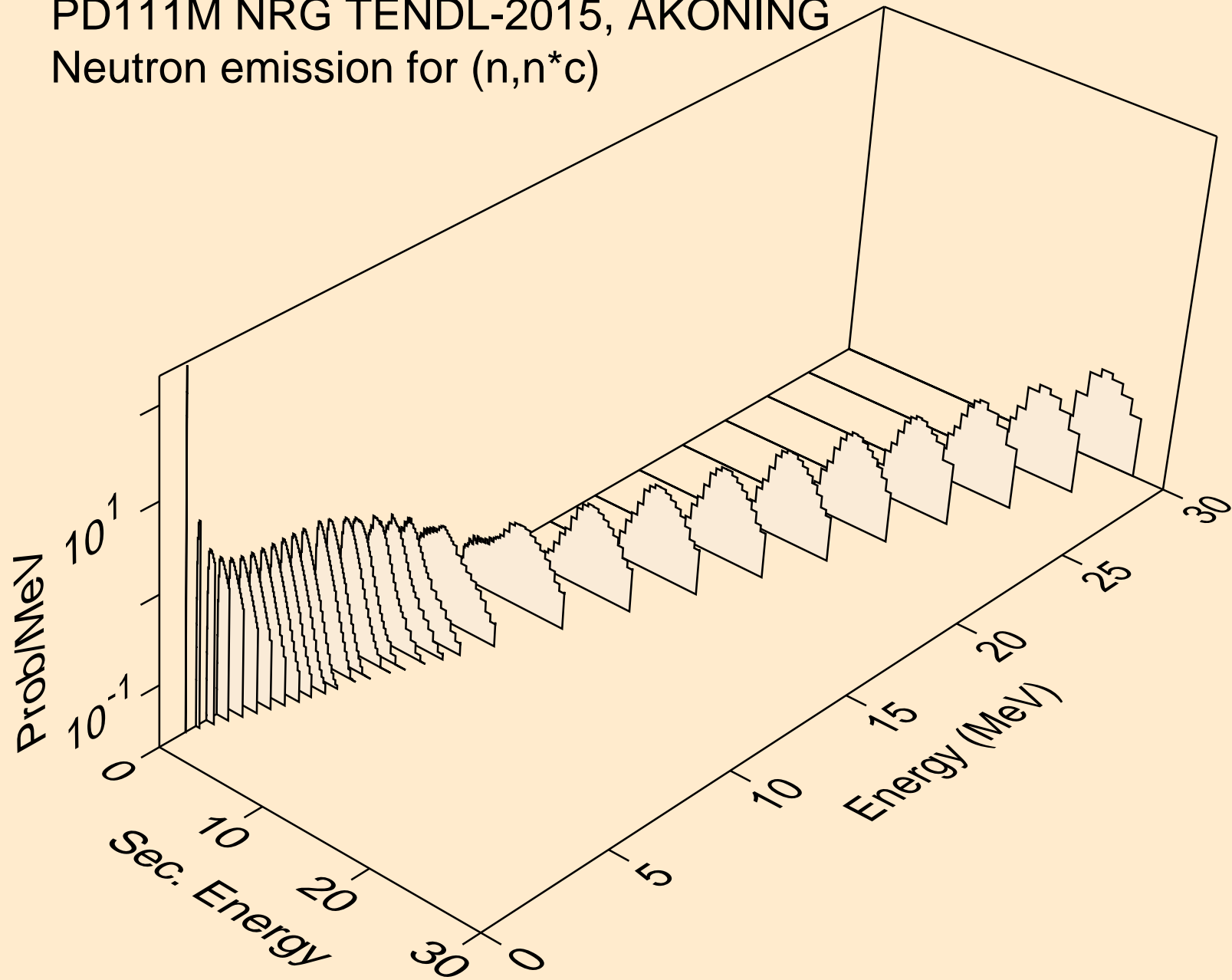
PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



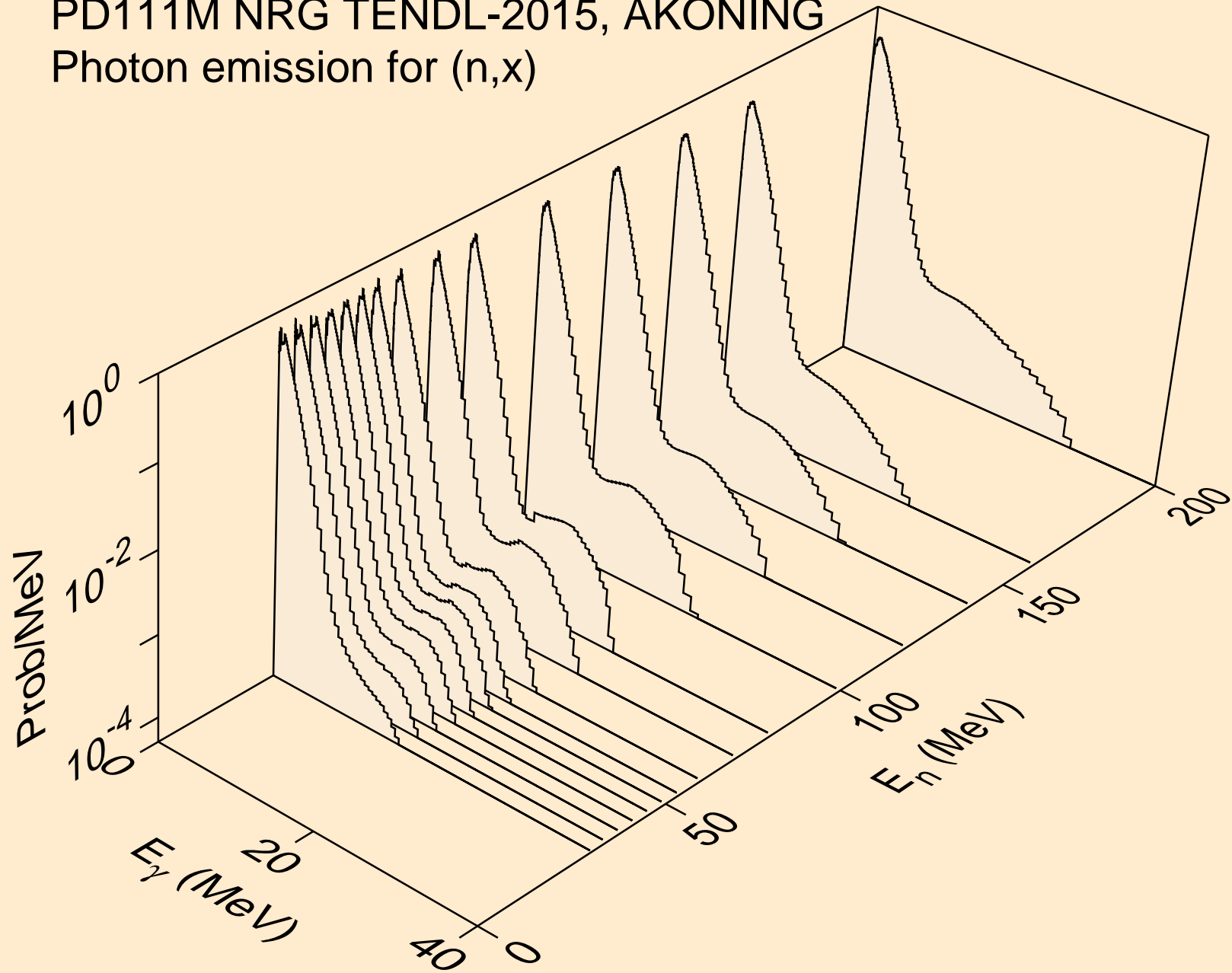
PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



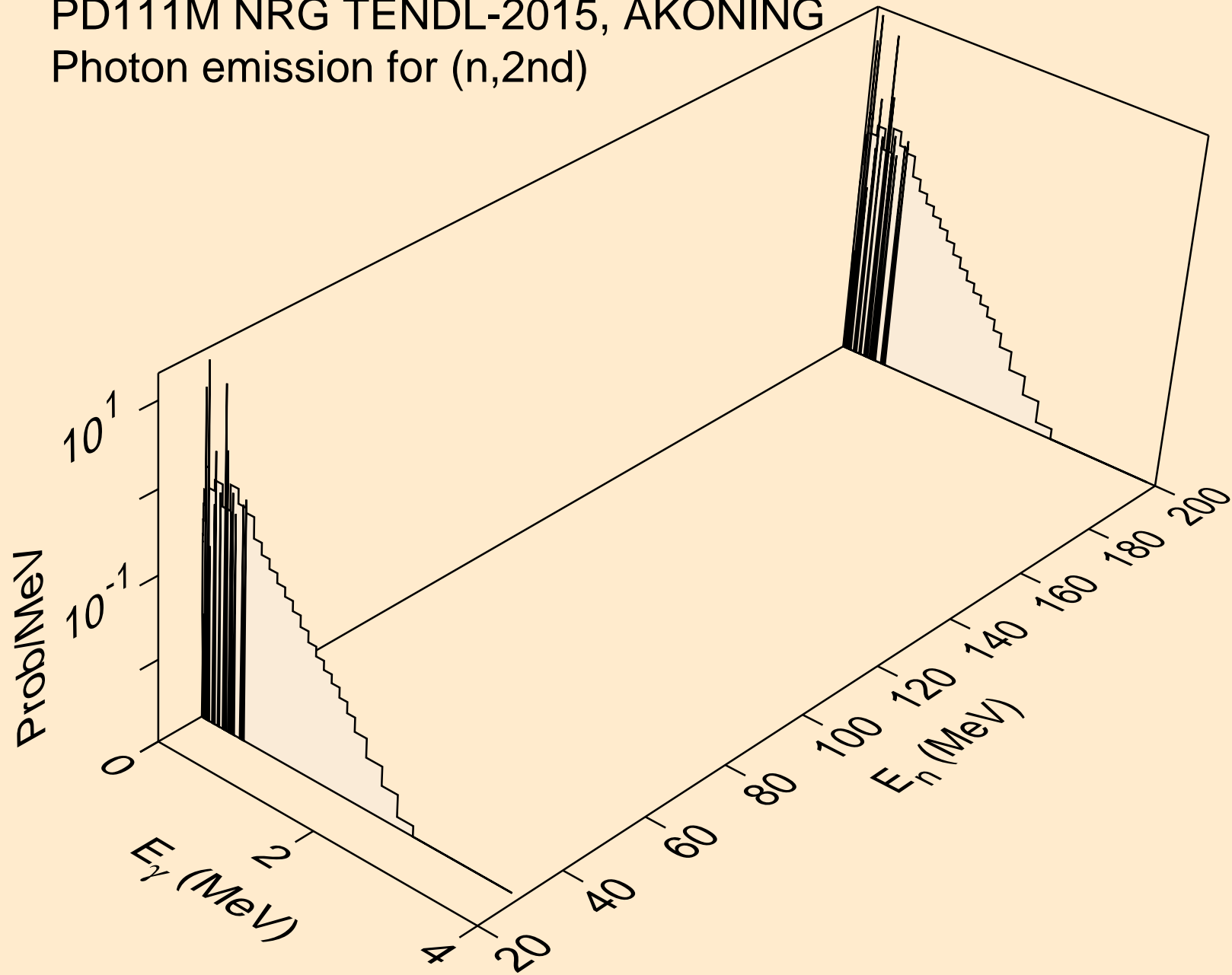
PD111M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



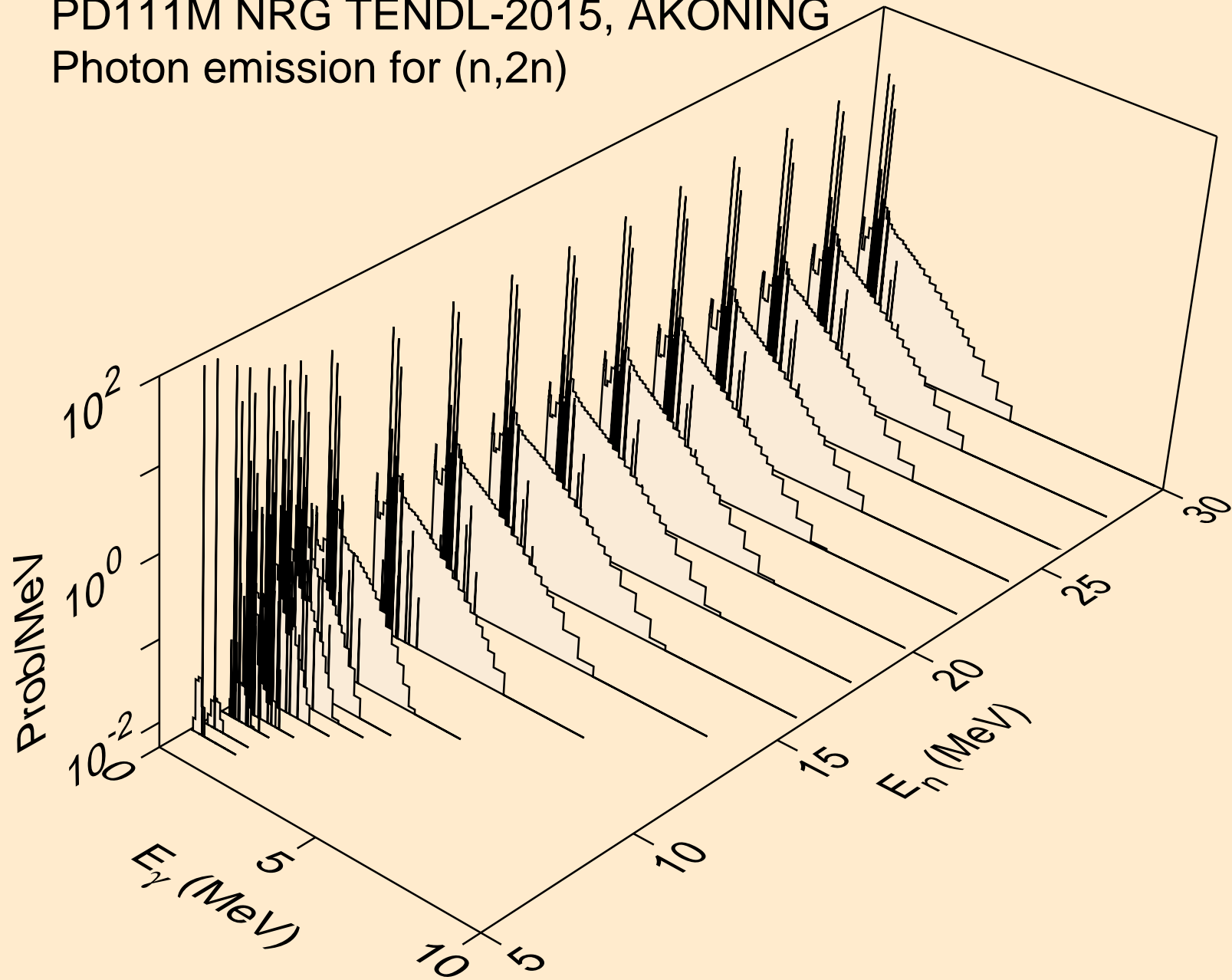
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

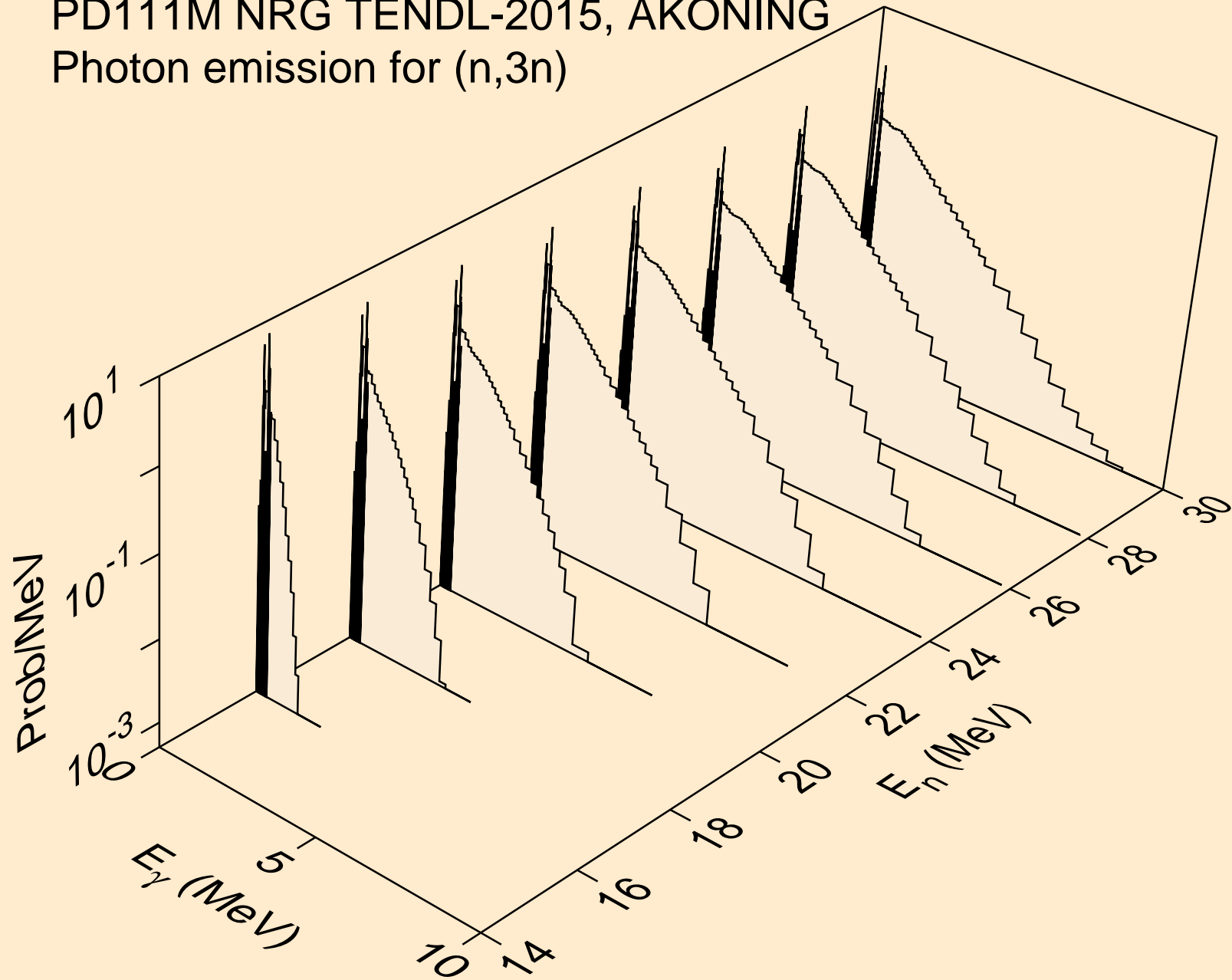


PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

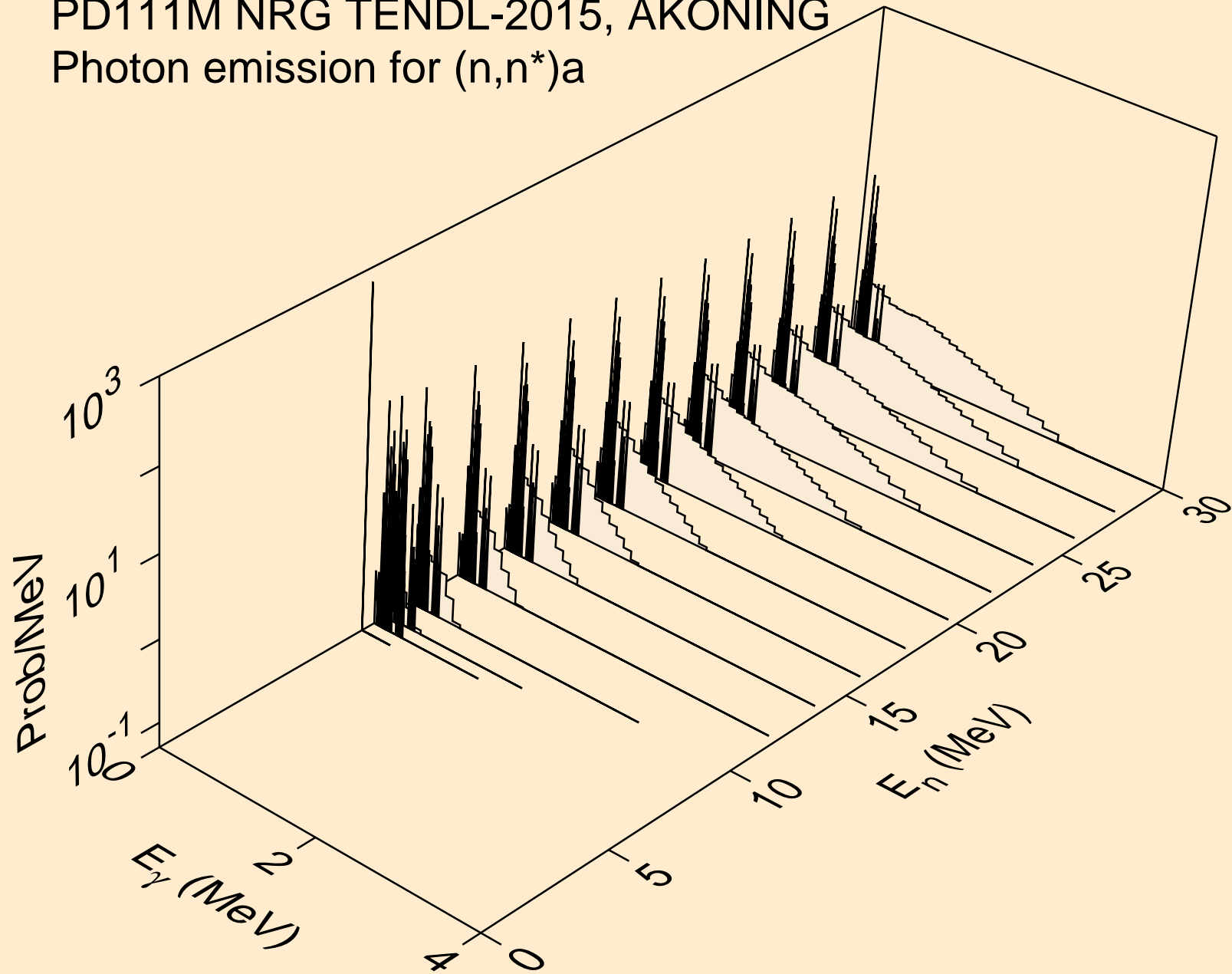




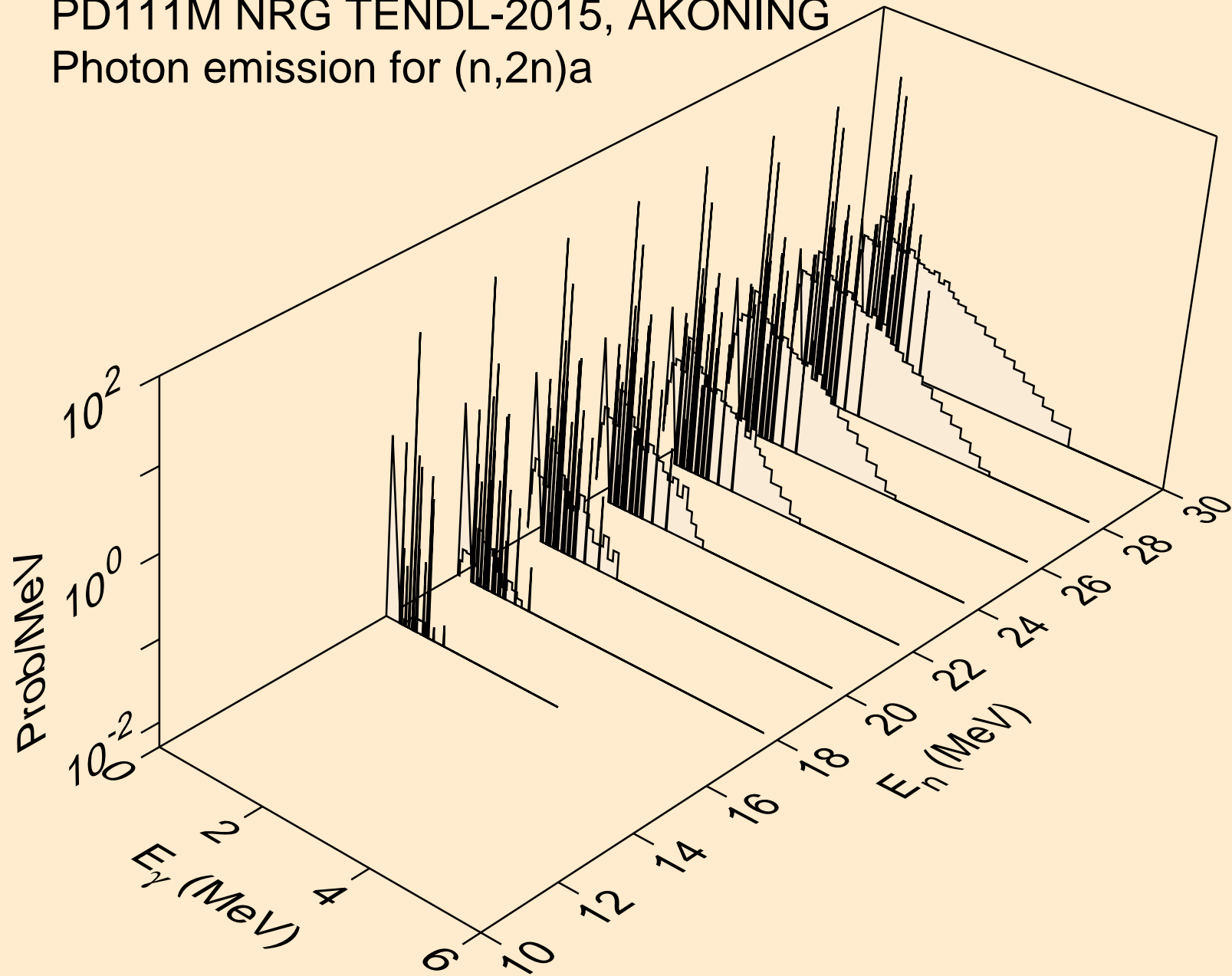
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



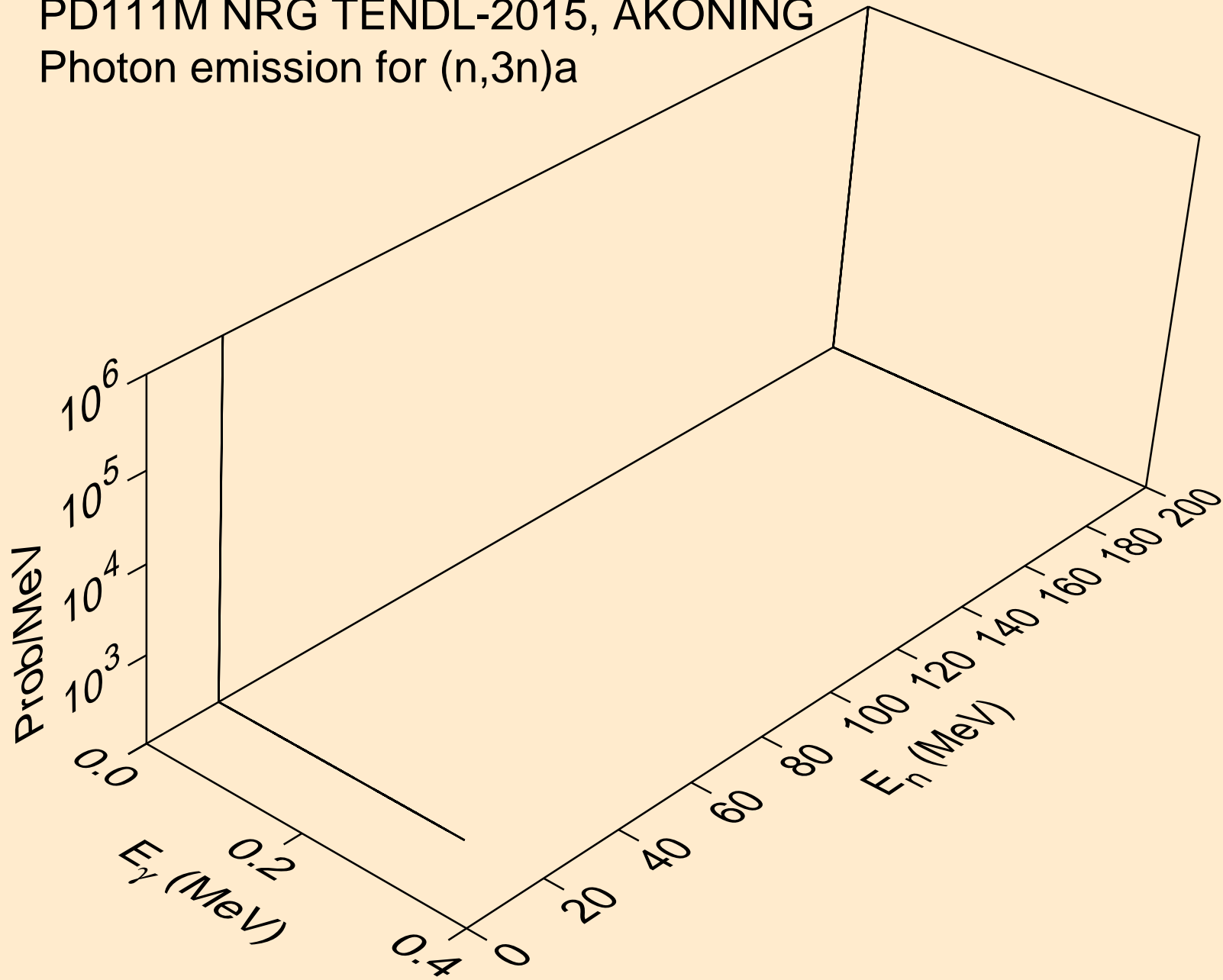
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



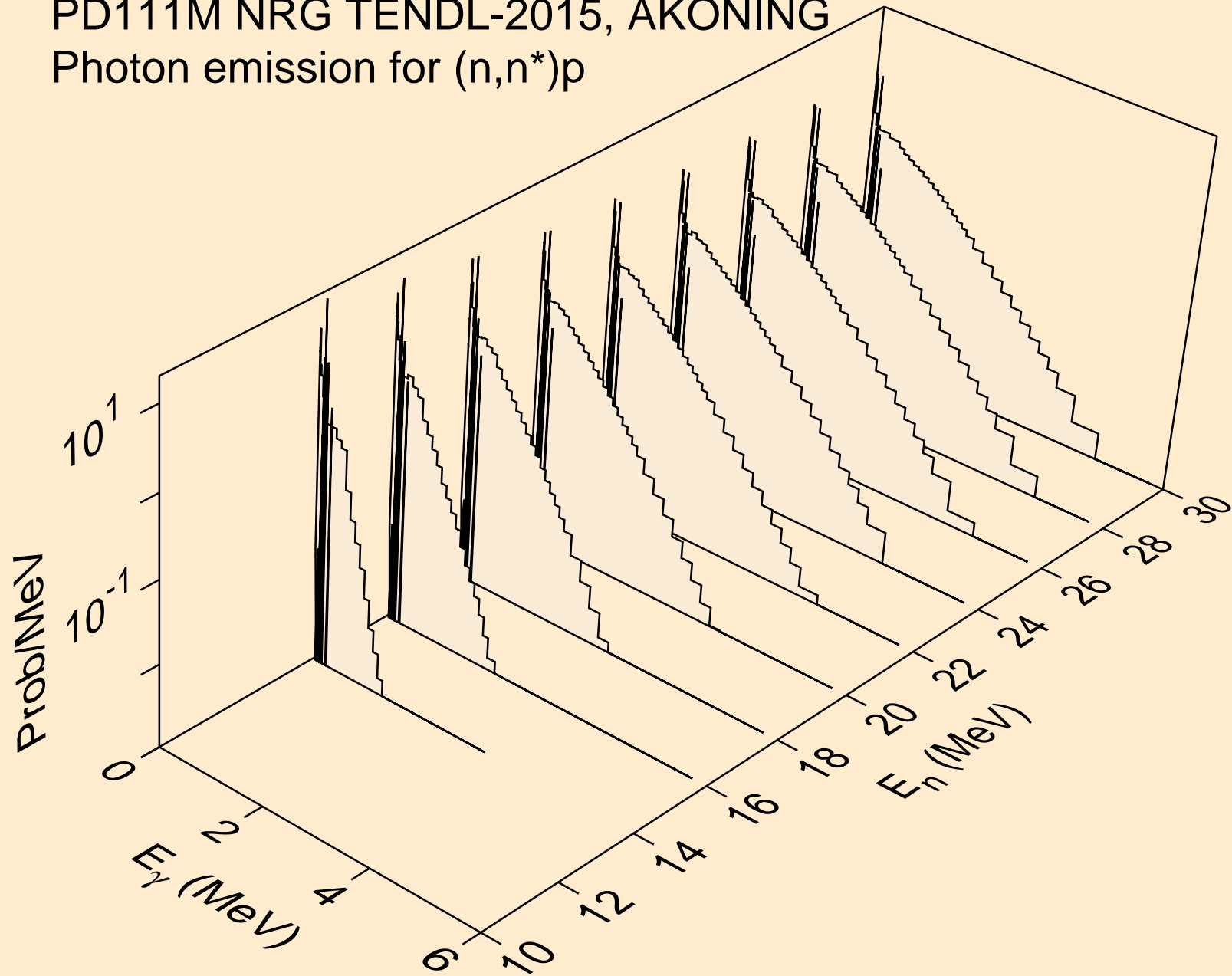
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



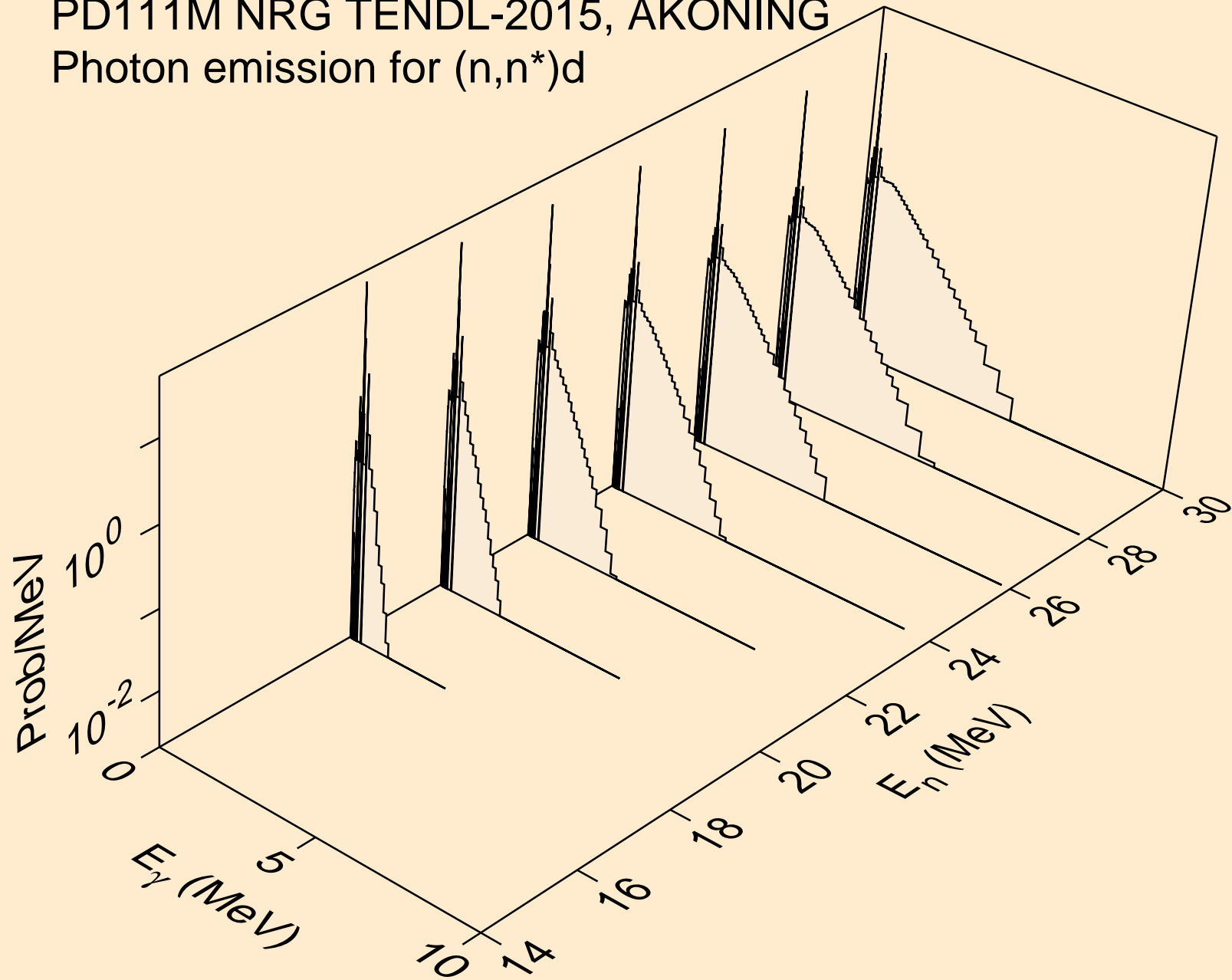
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



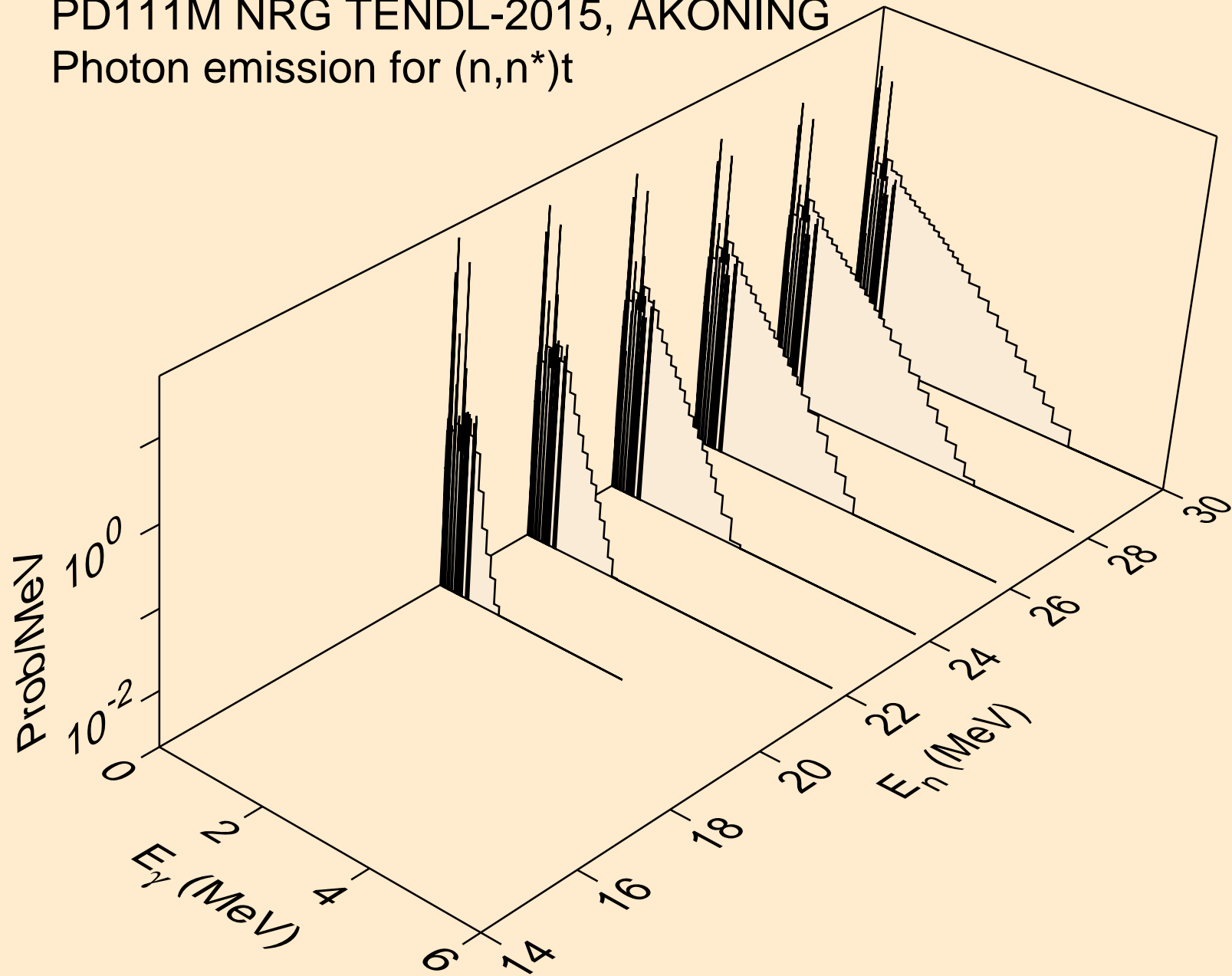
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



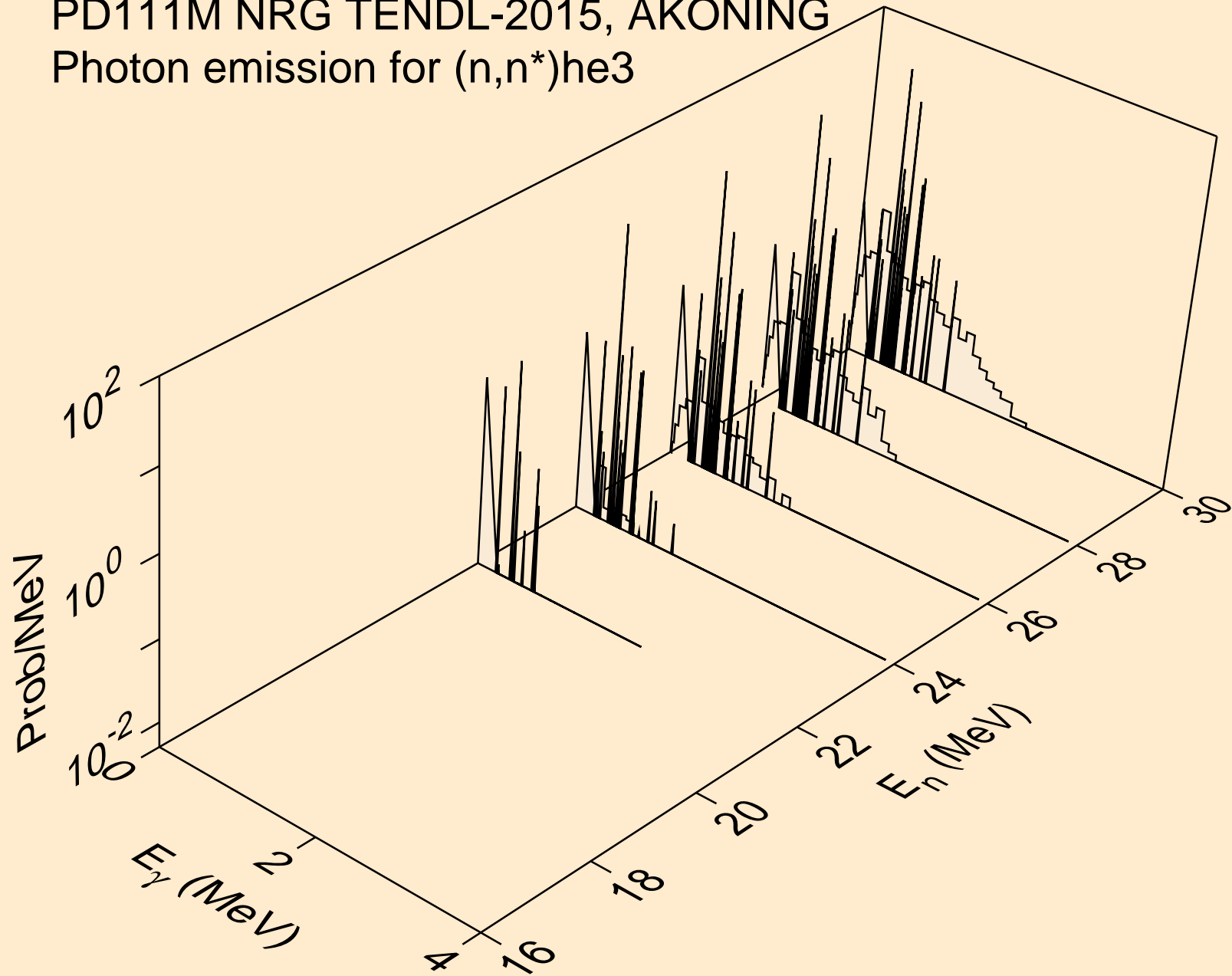
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

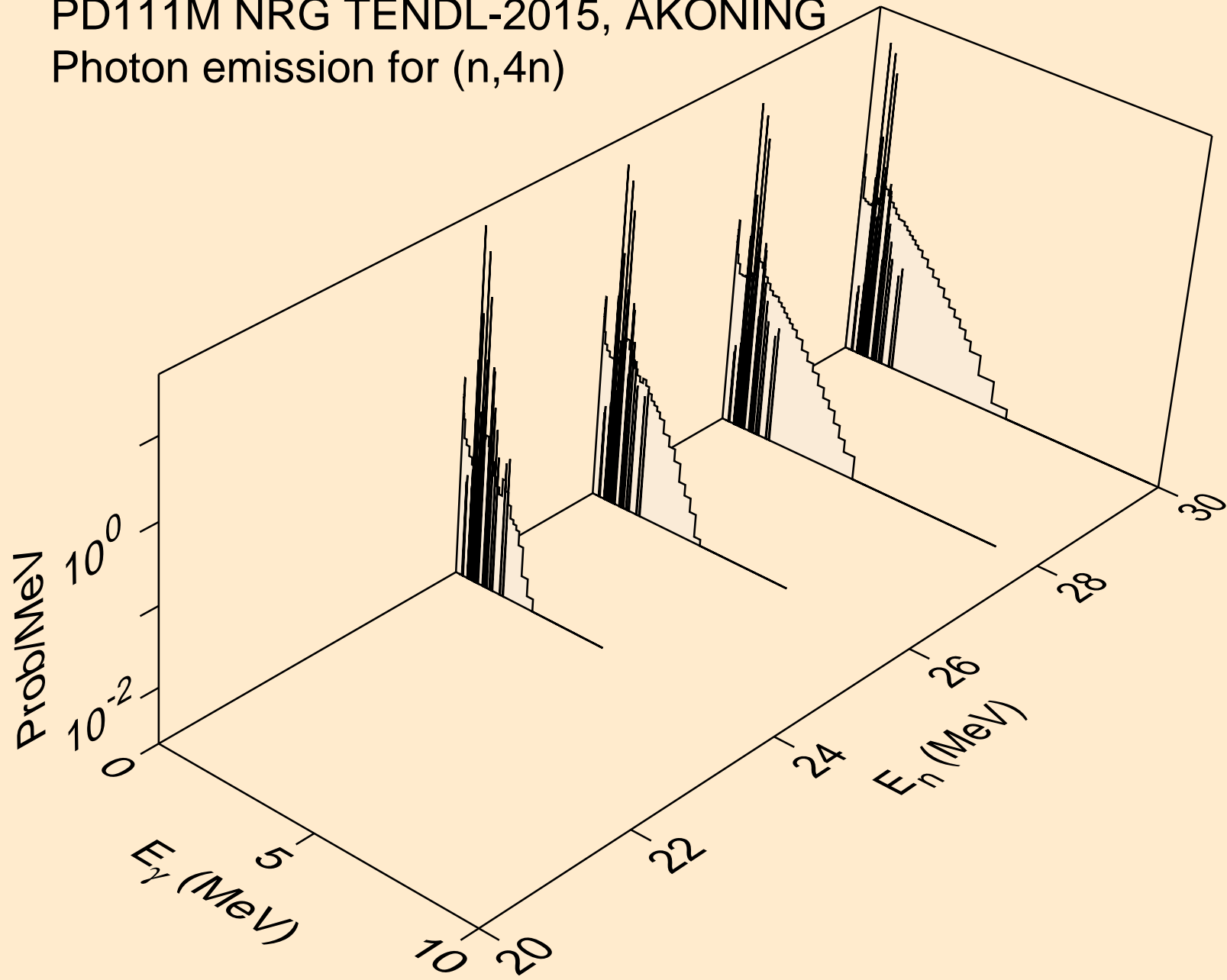


PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

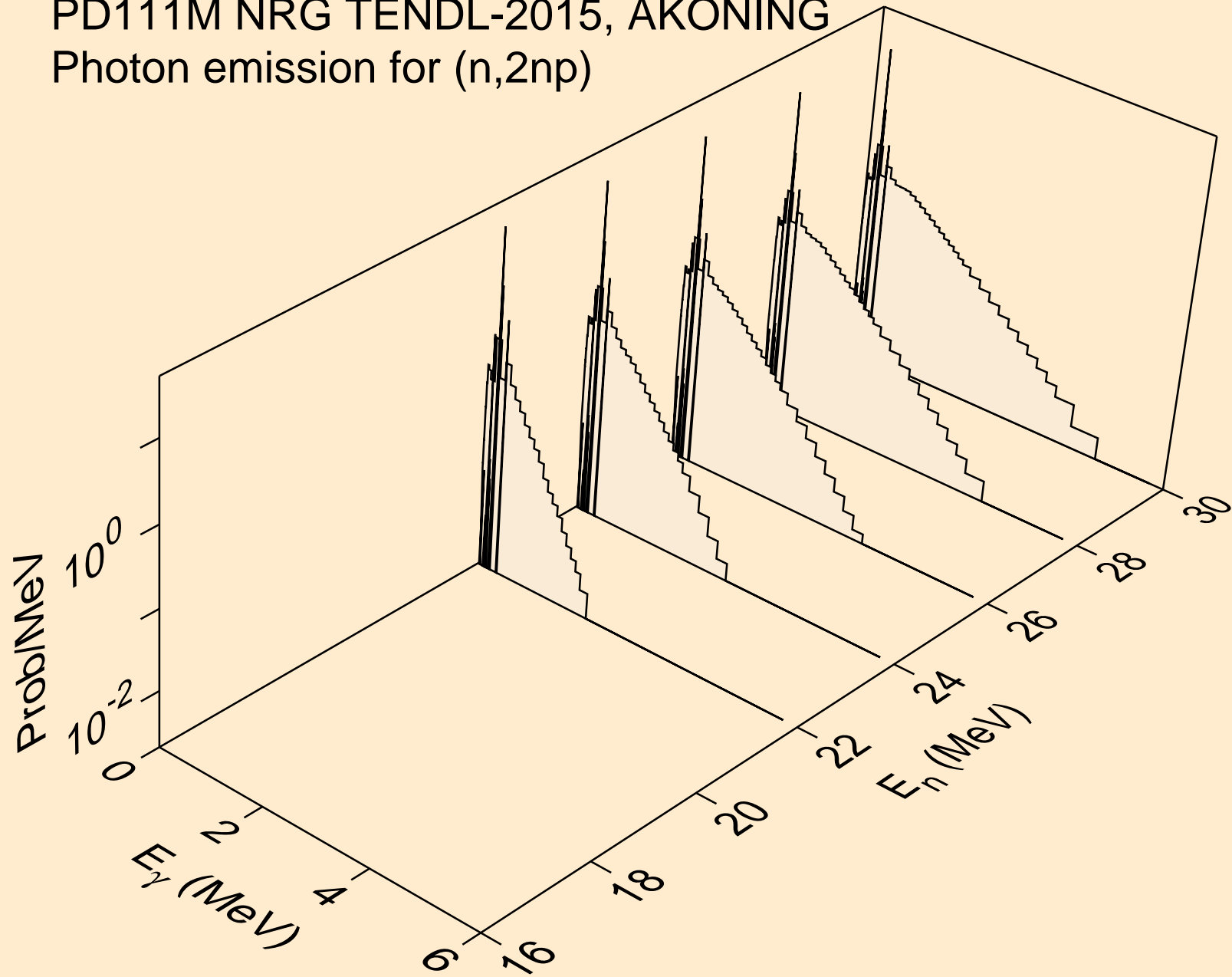




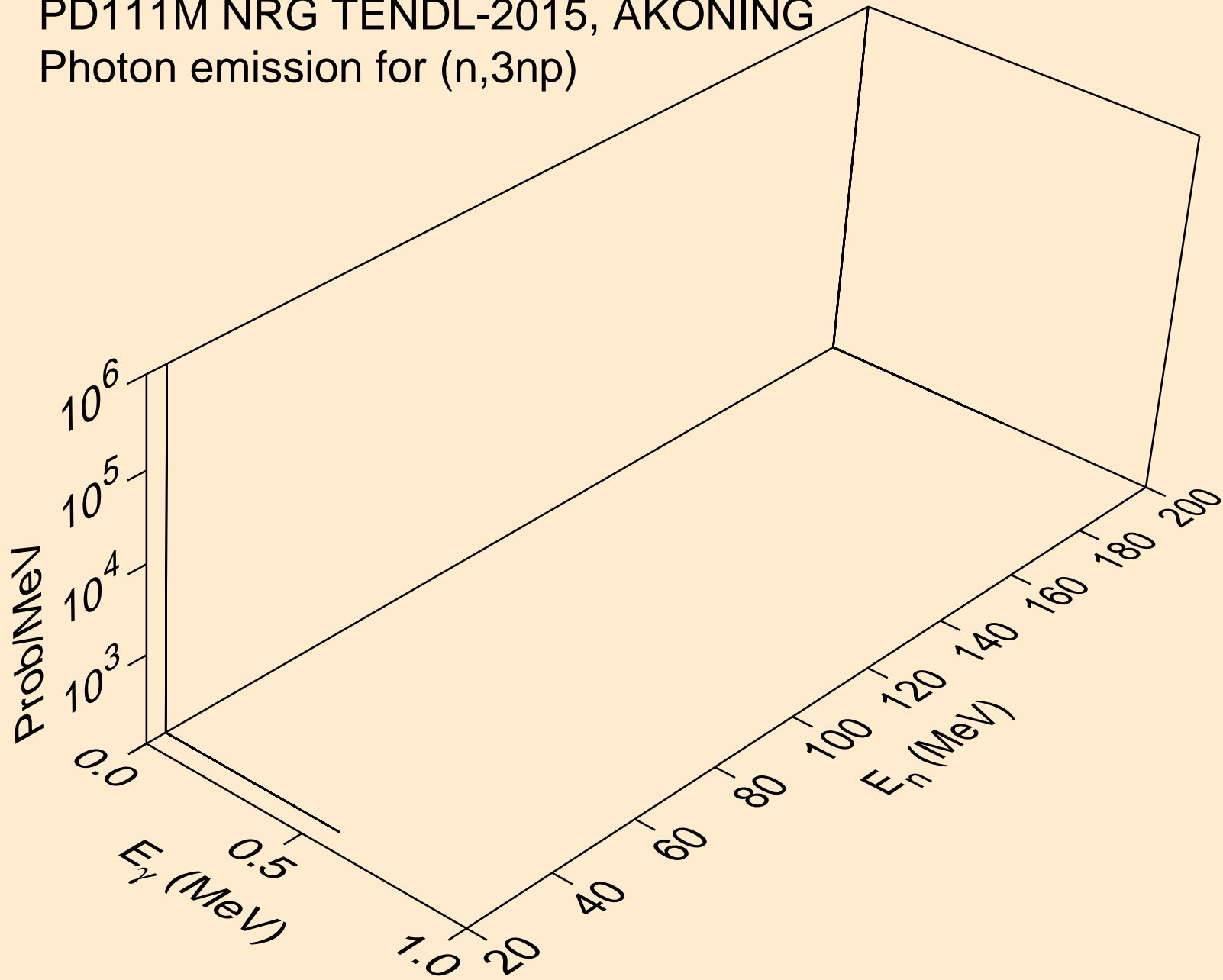
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



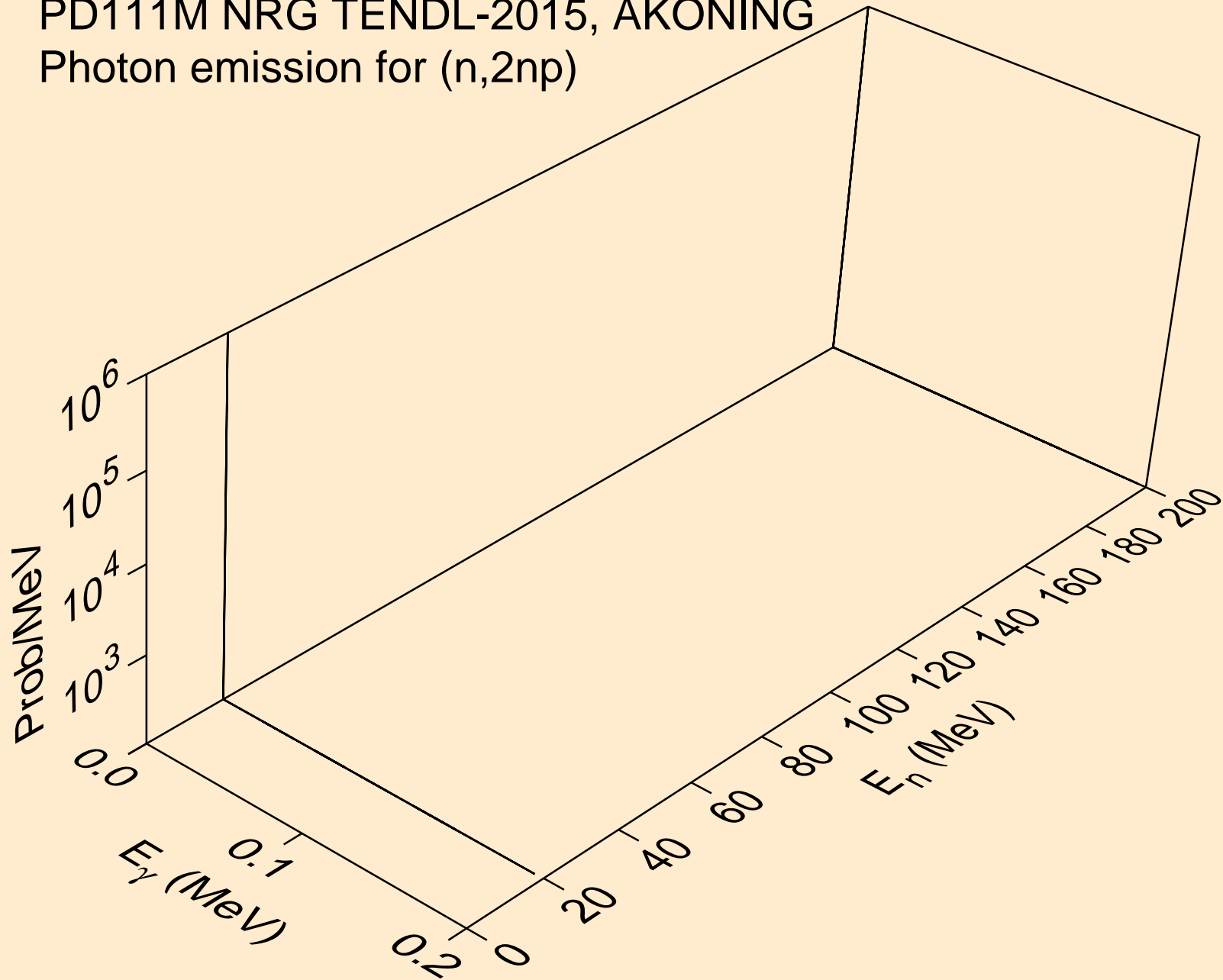
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Photon emission for (n,2np)



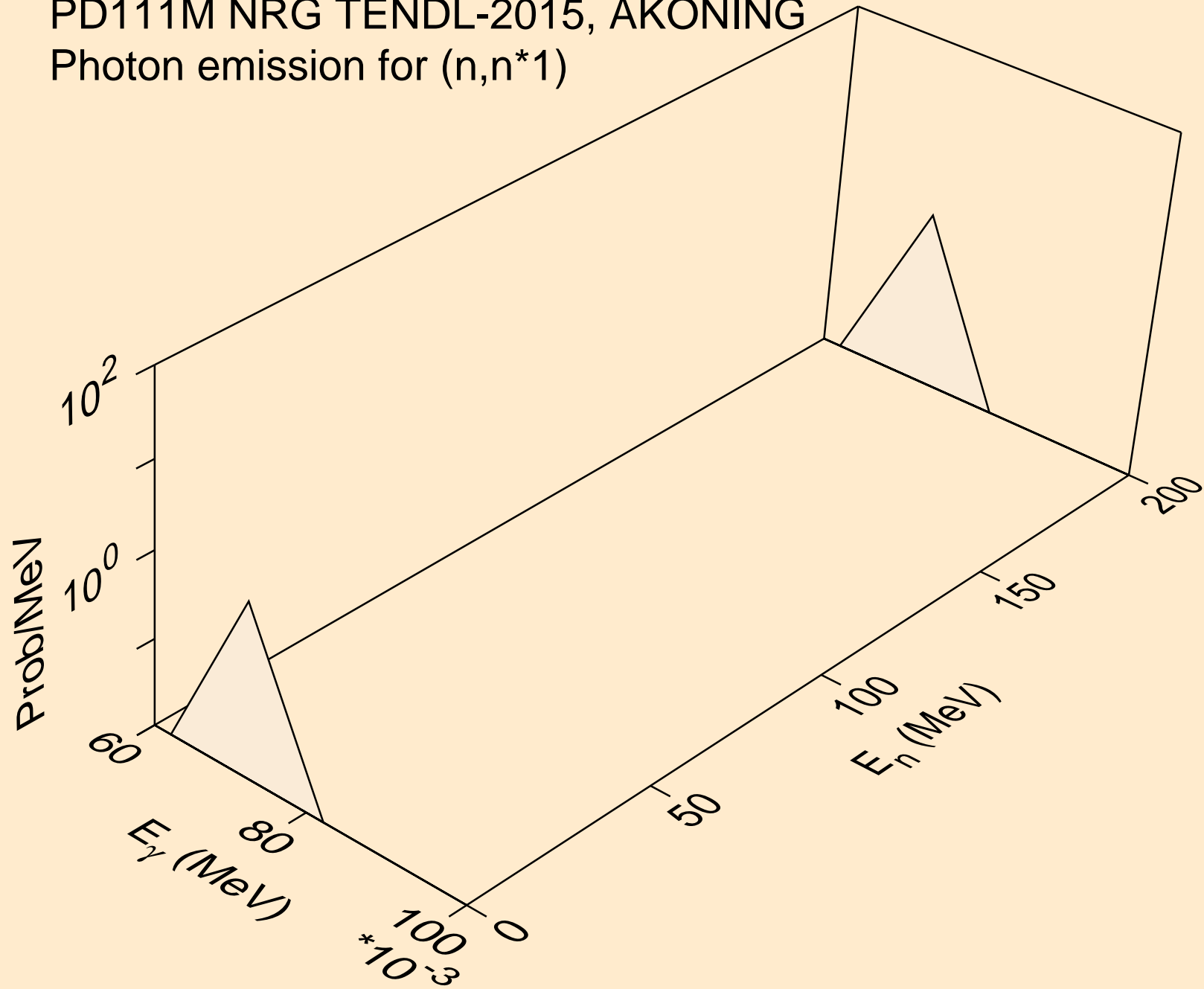
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



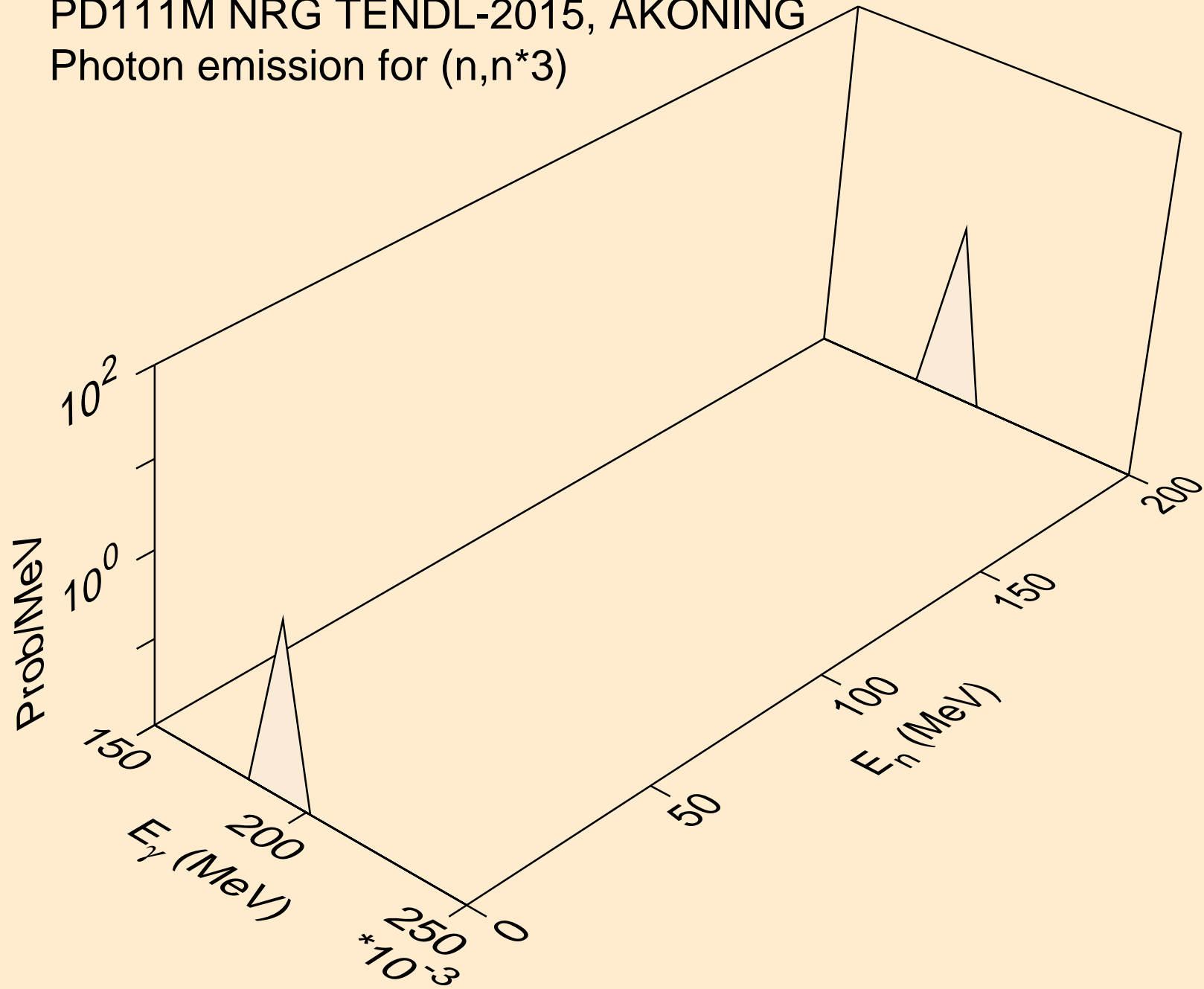
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



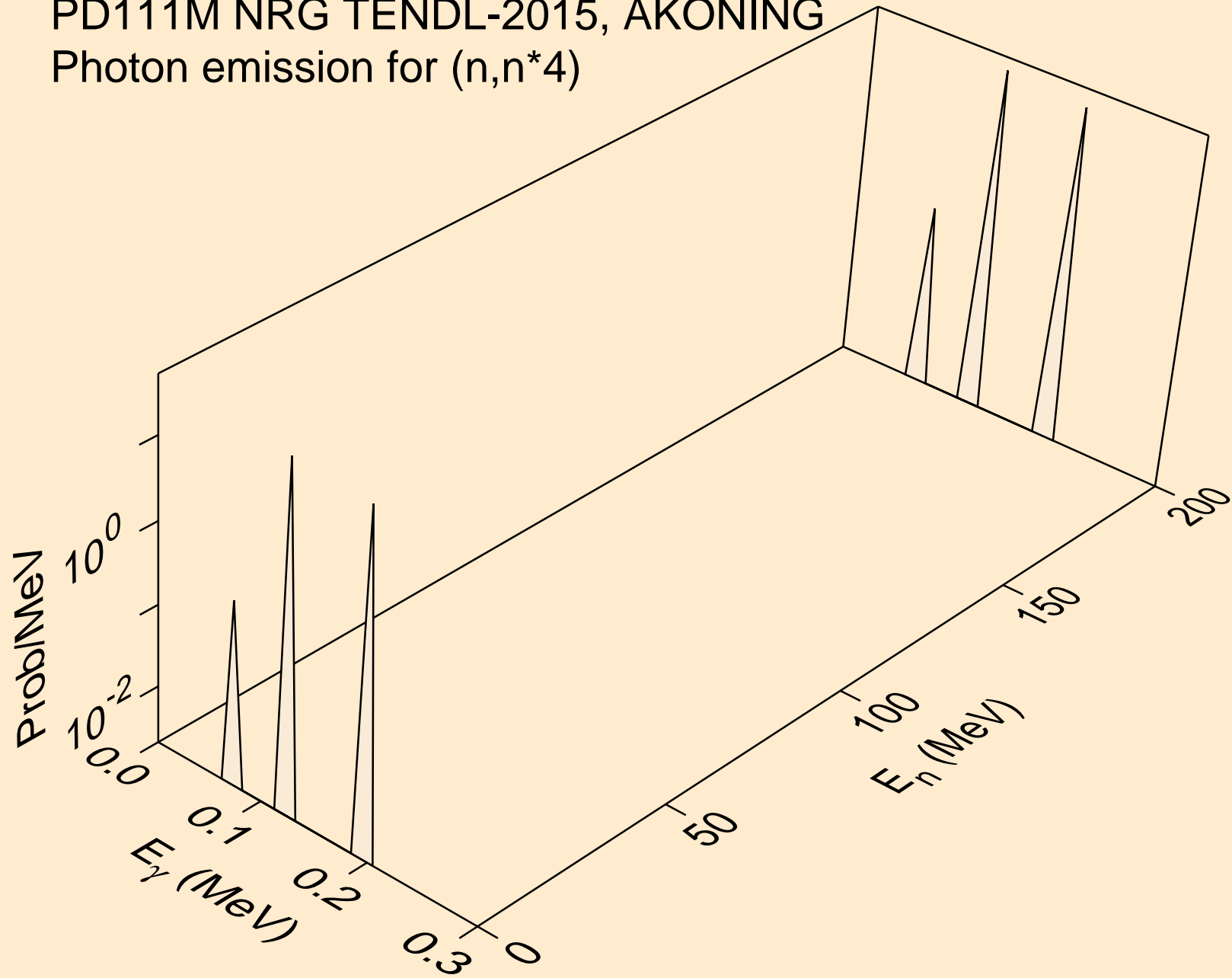
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)



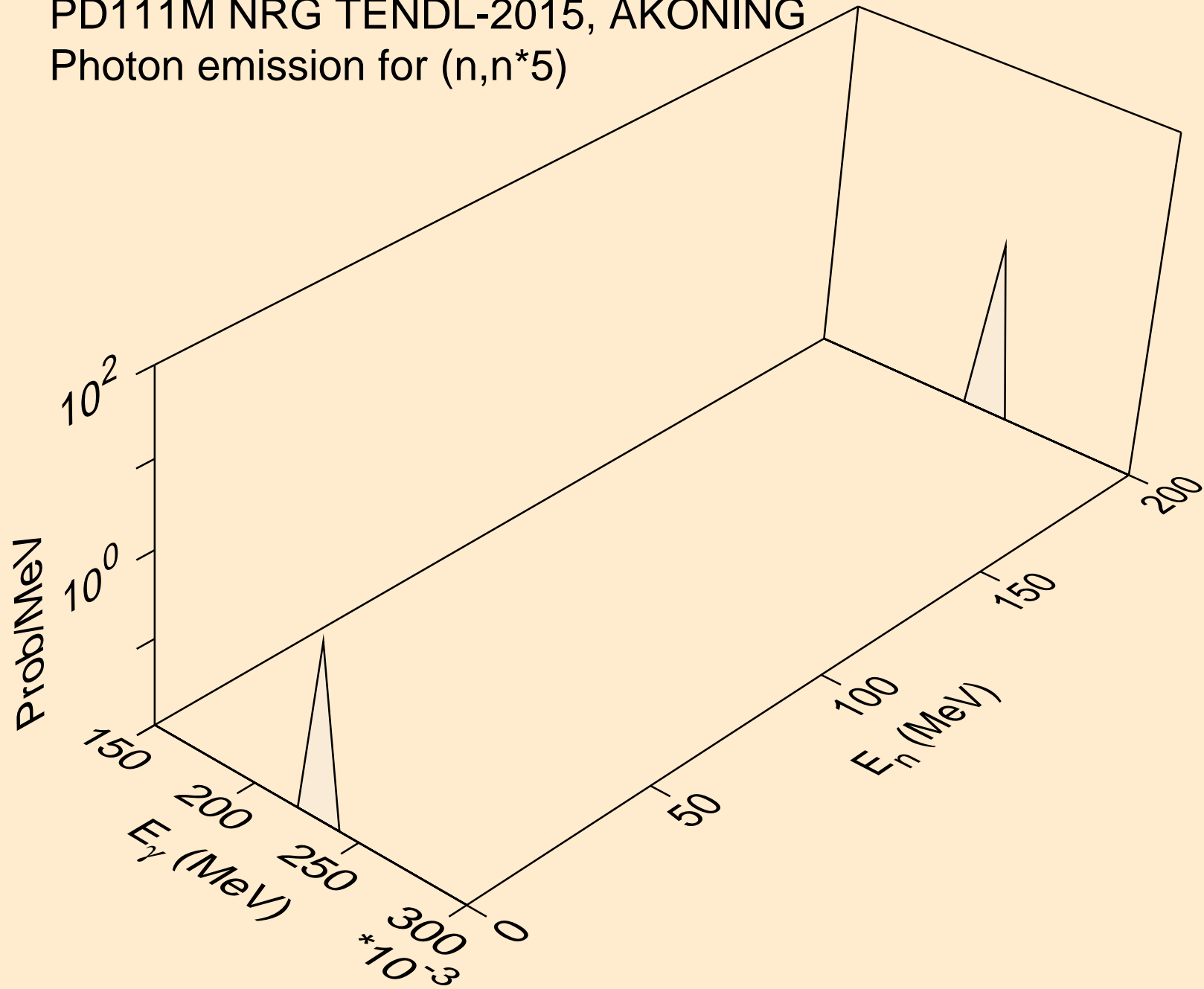
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)



PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)

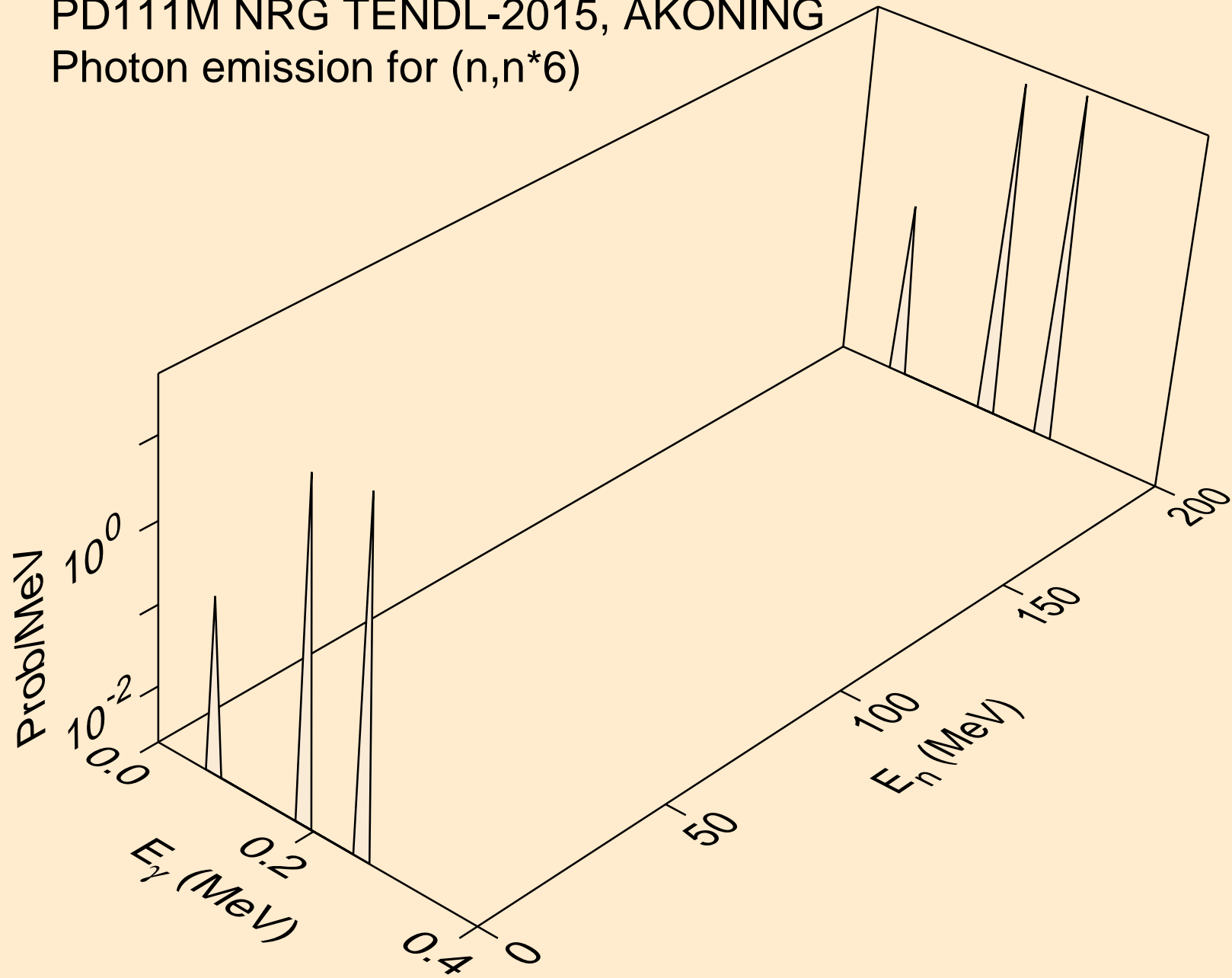


PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)

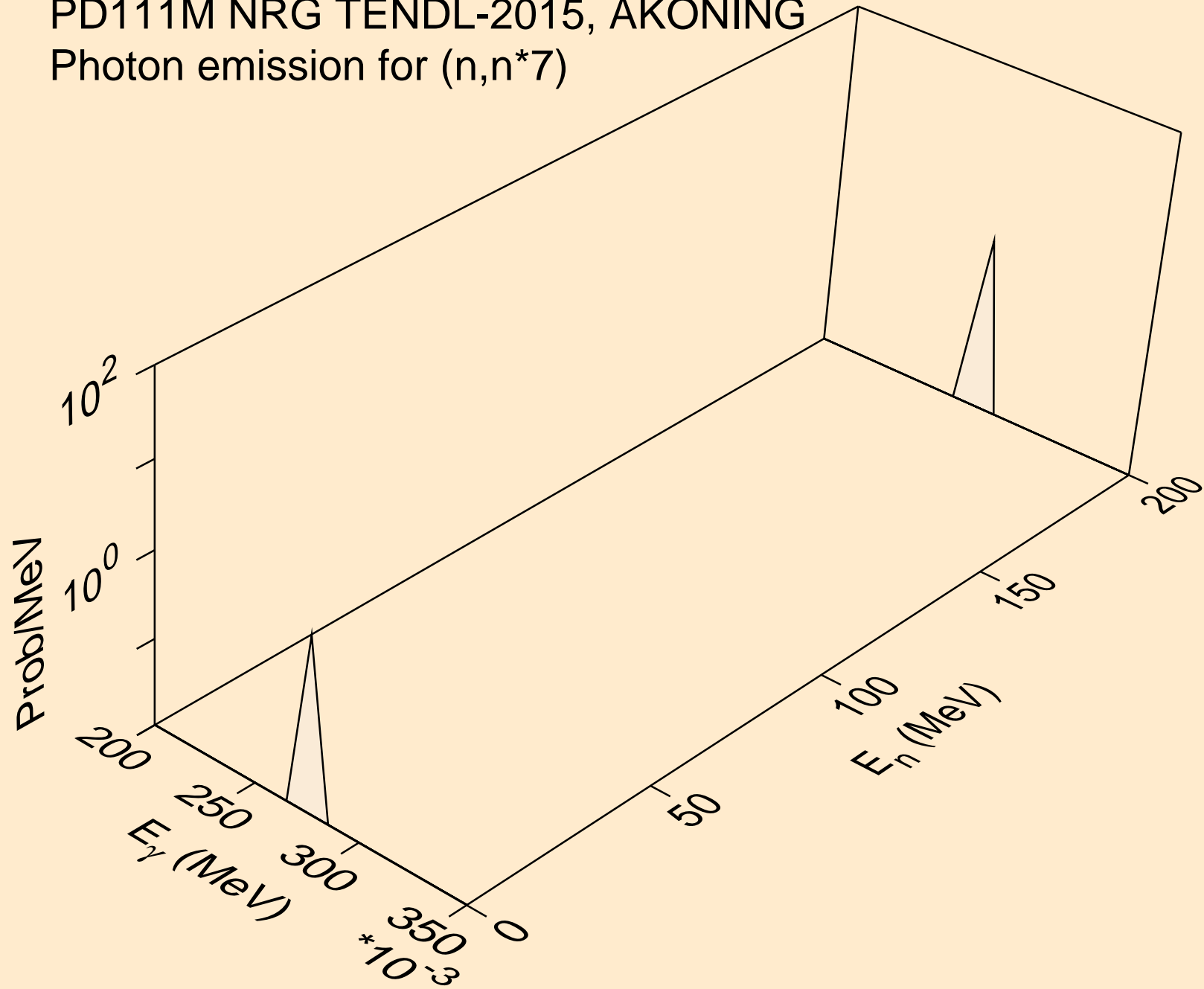




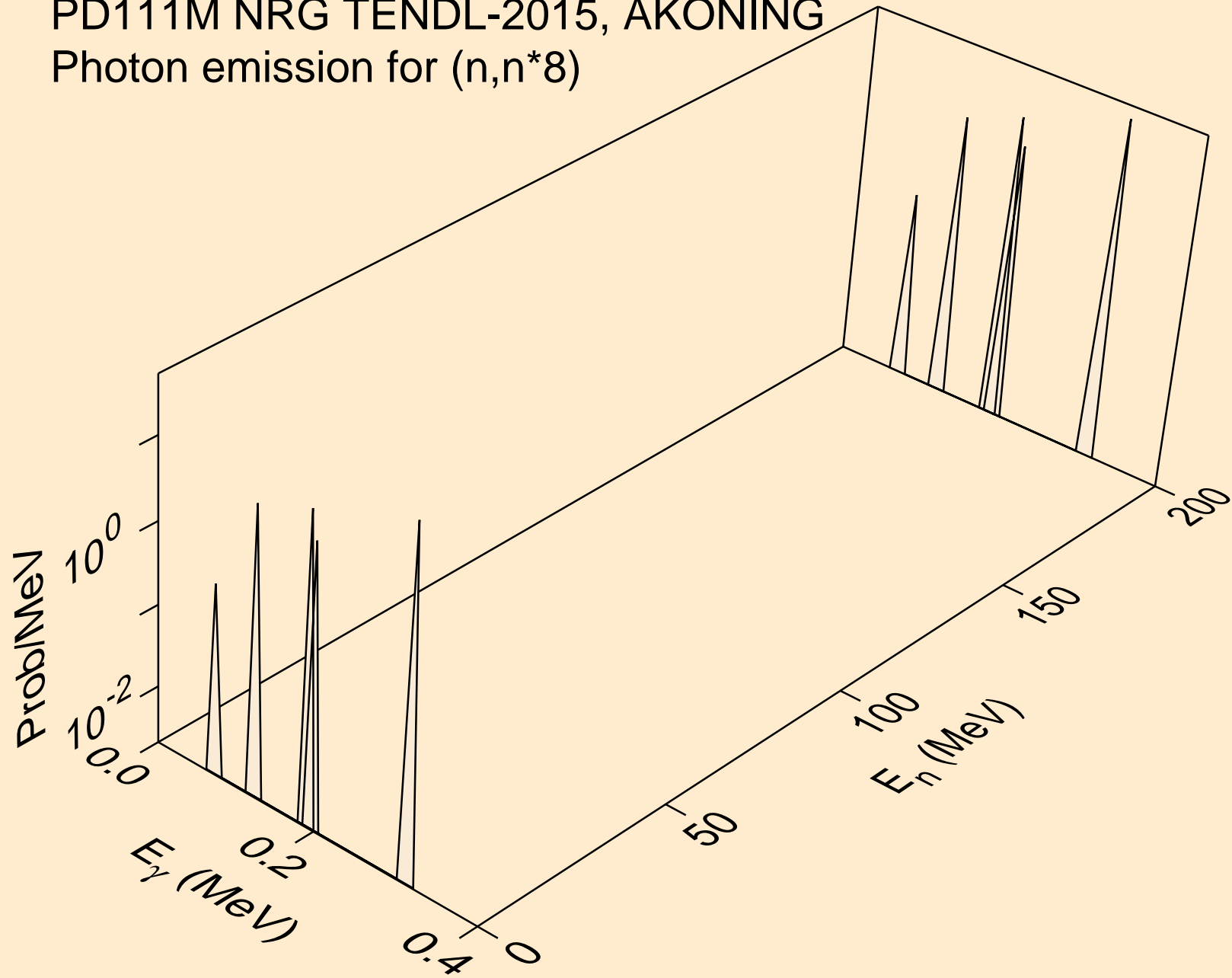
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Photon emission for (n,n\*6)



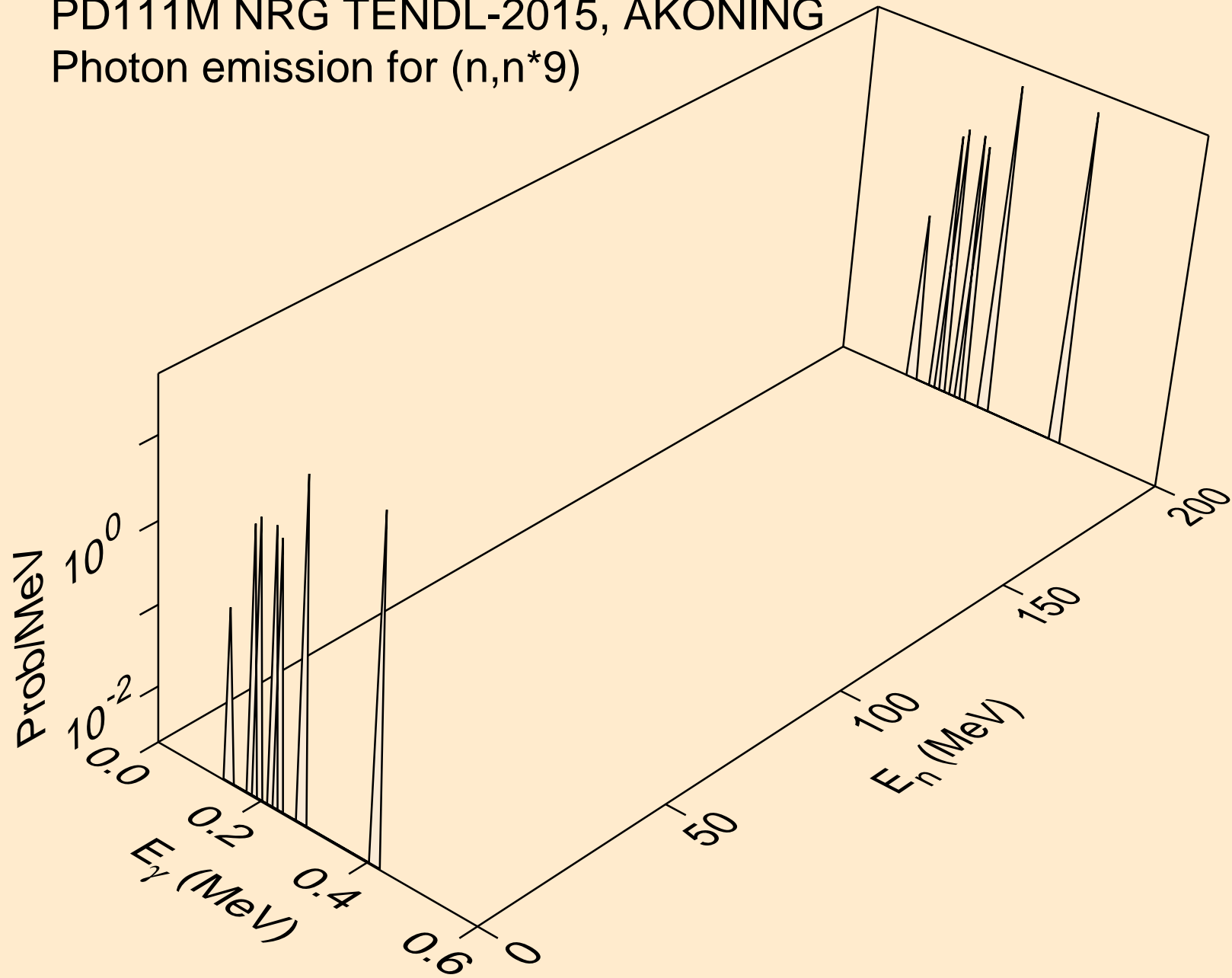
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Photon emission for (n,n\*7)



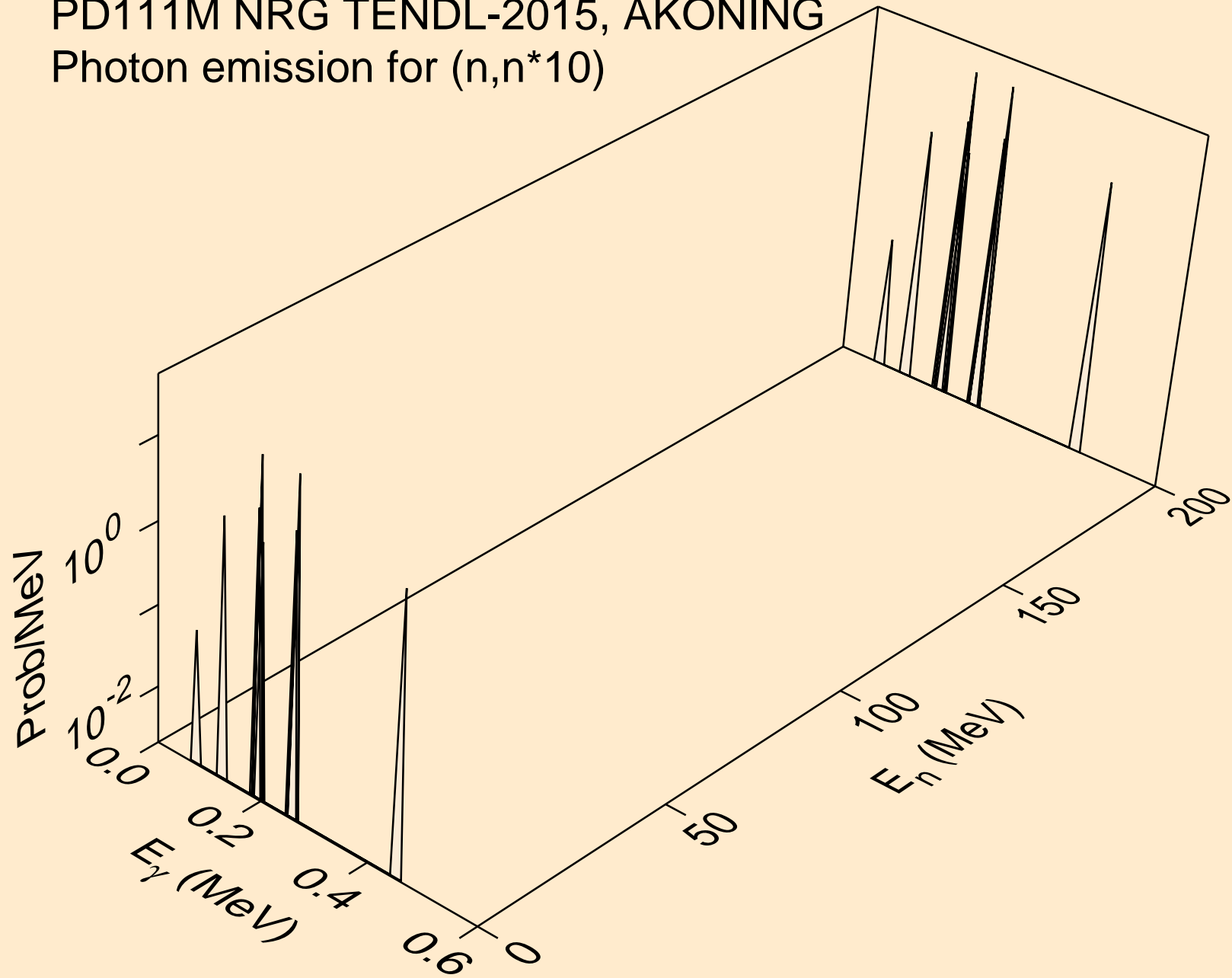
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Photon emission for (n,n\*8)



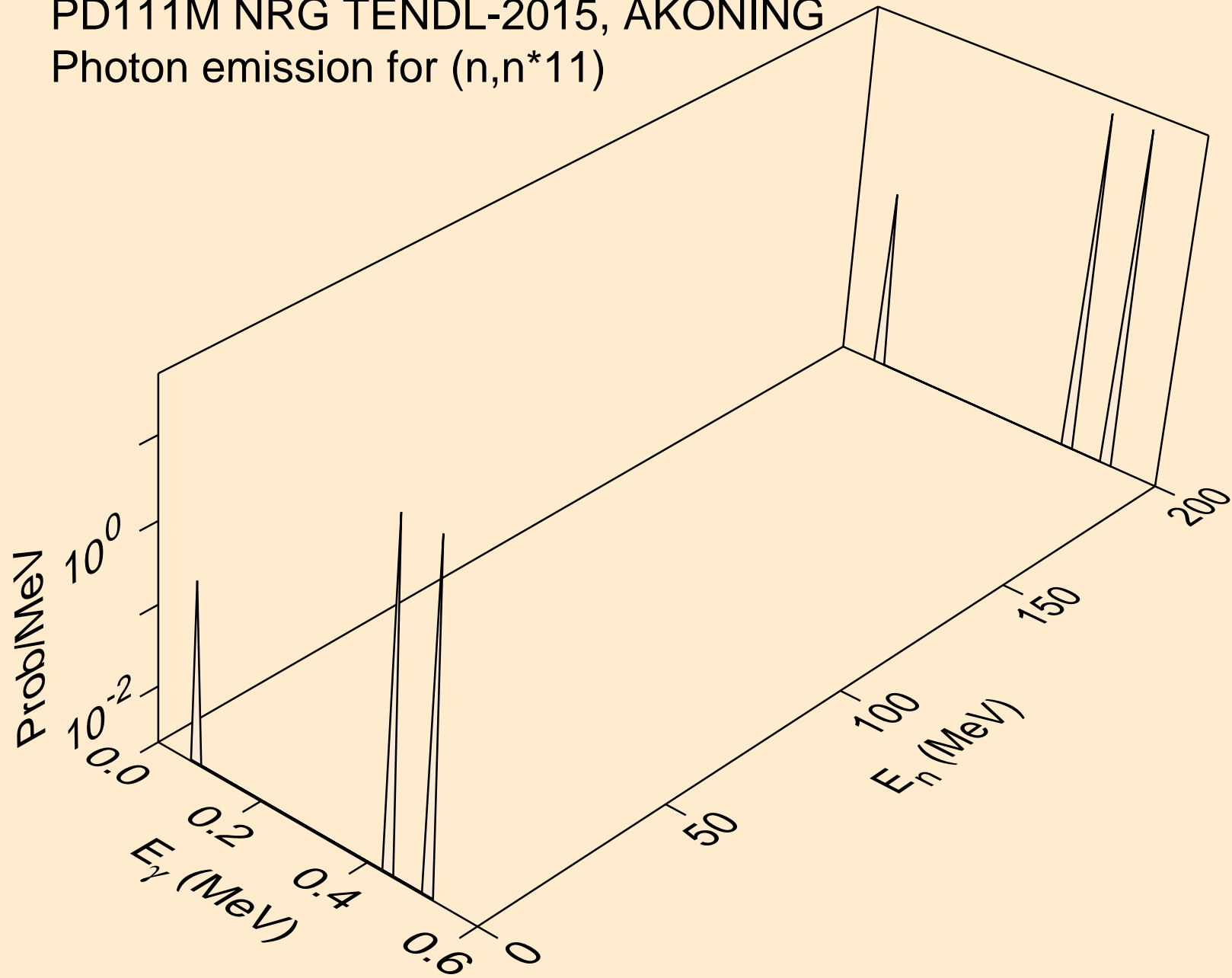
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Photon emission for (n,n\*9)



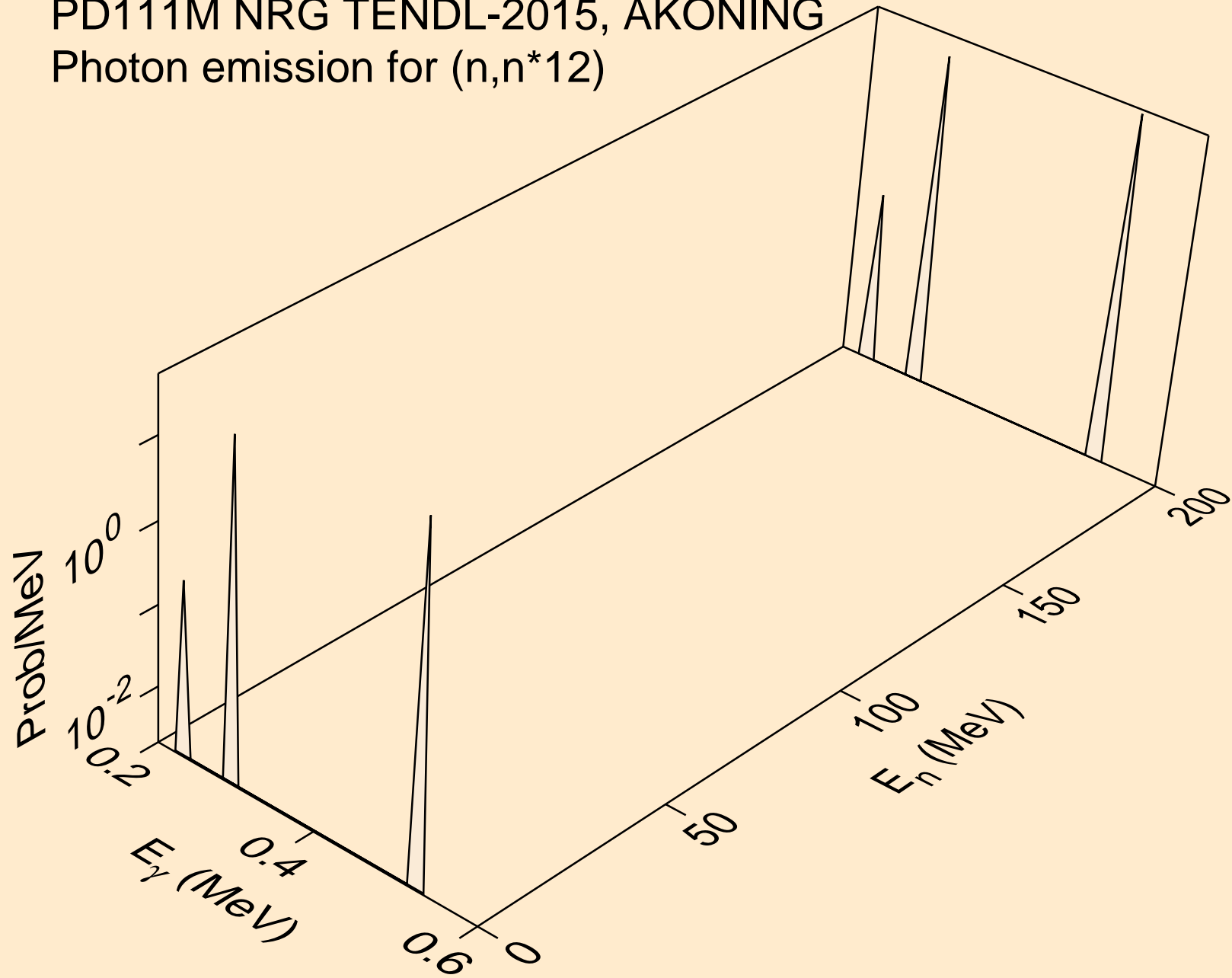
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)



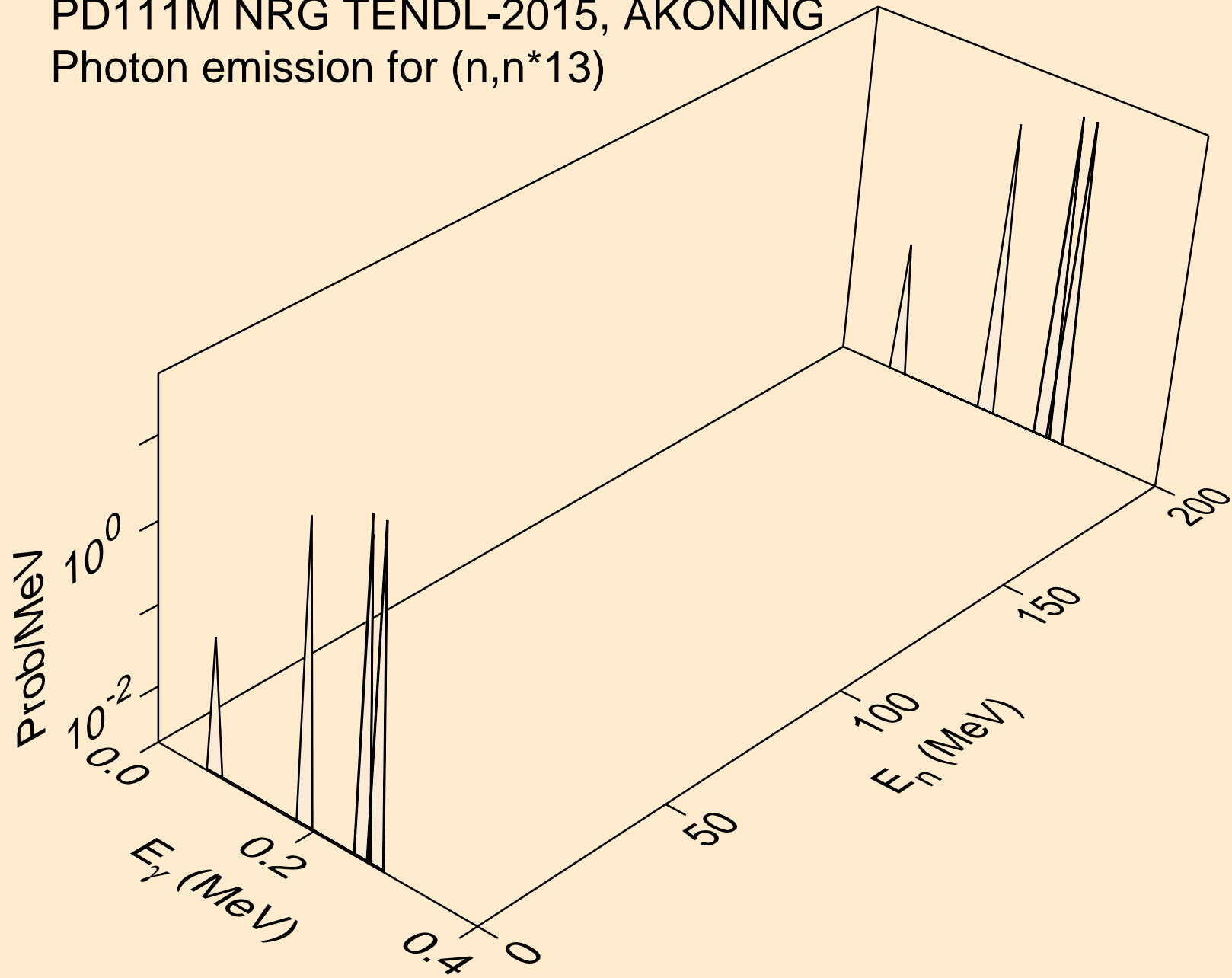
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Photon emission for (n,n\*11)



PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*12)

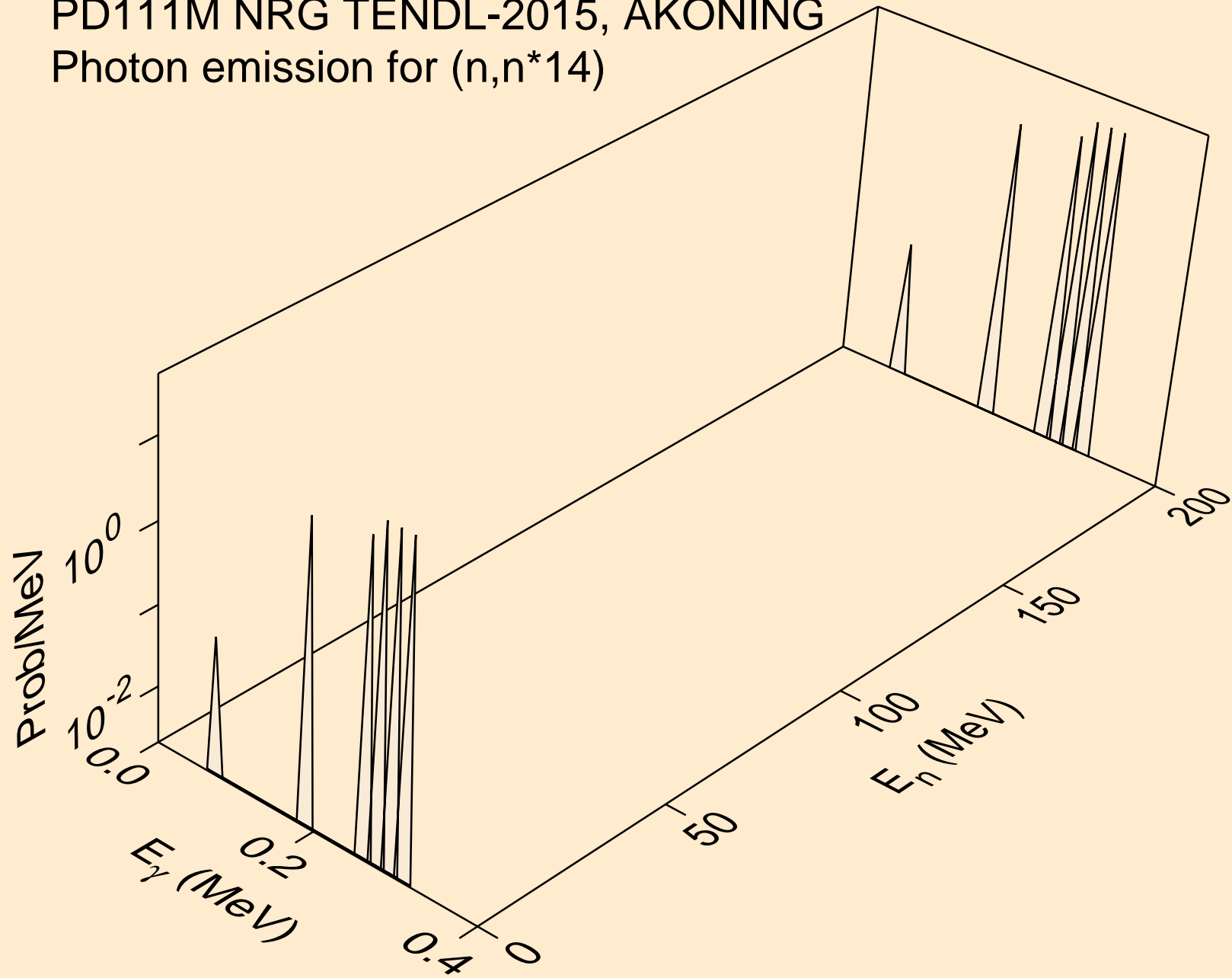


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Photon emission for (n,n\*13)

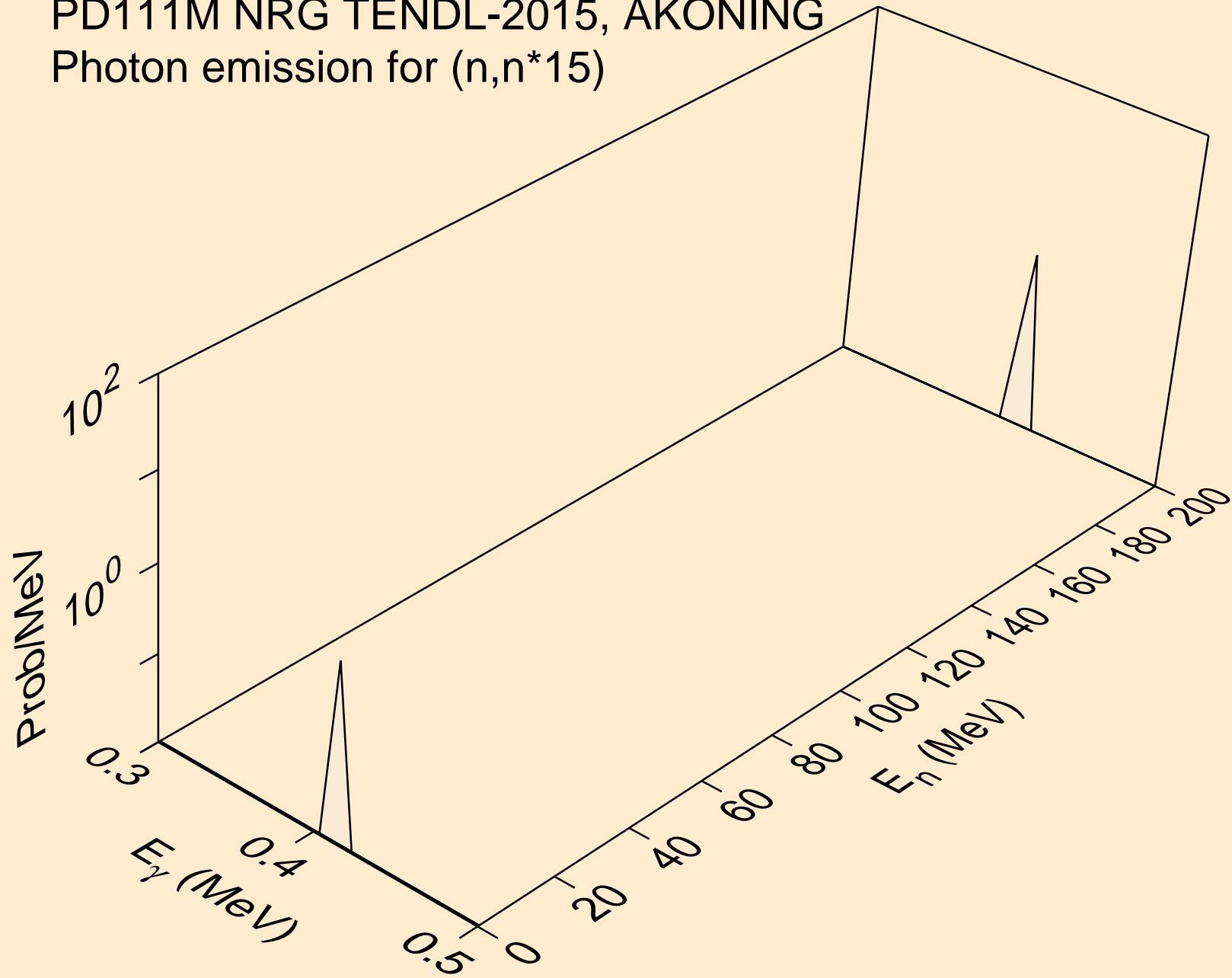




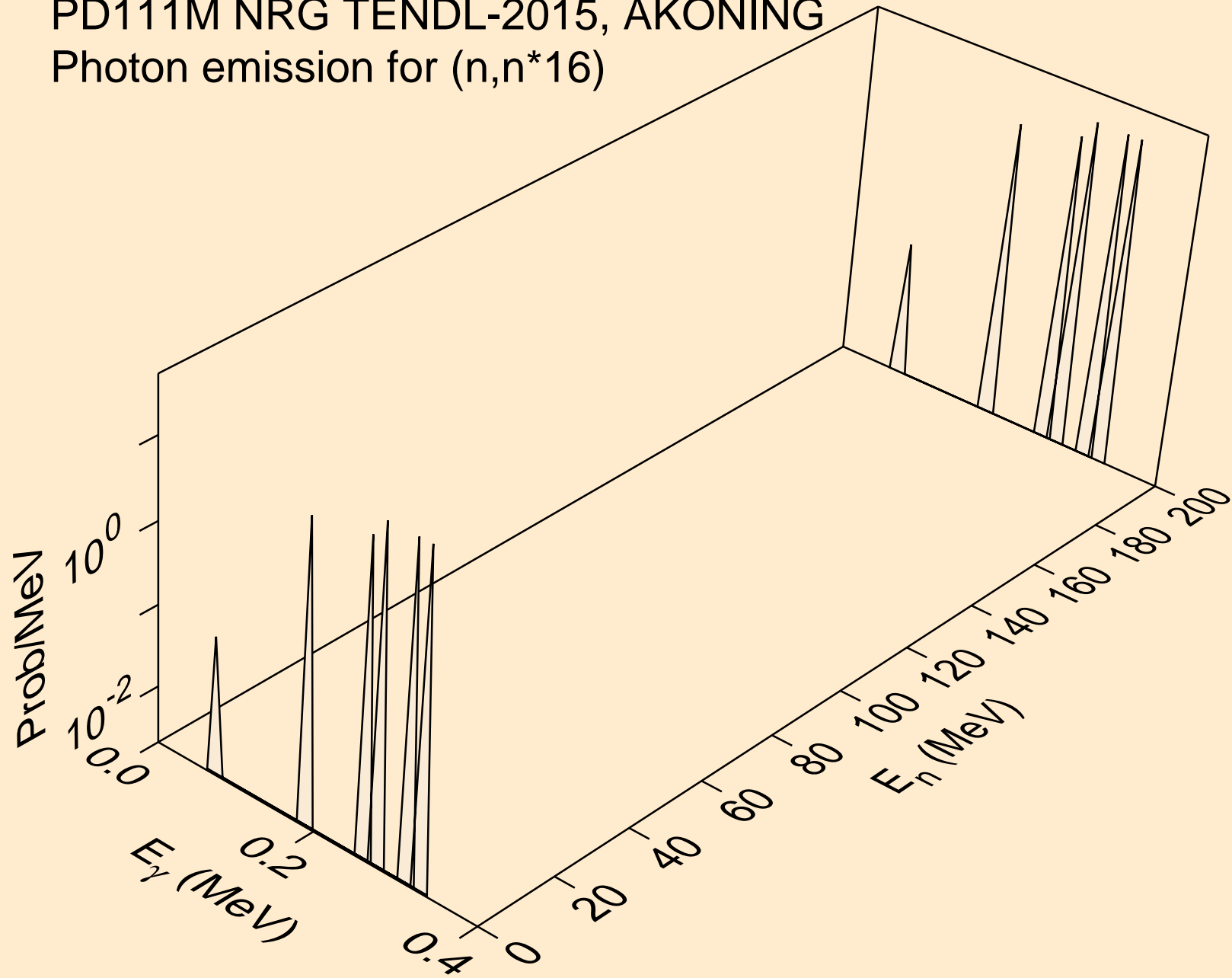
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Photon emission for (n,n\*14)



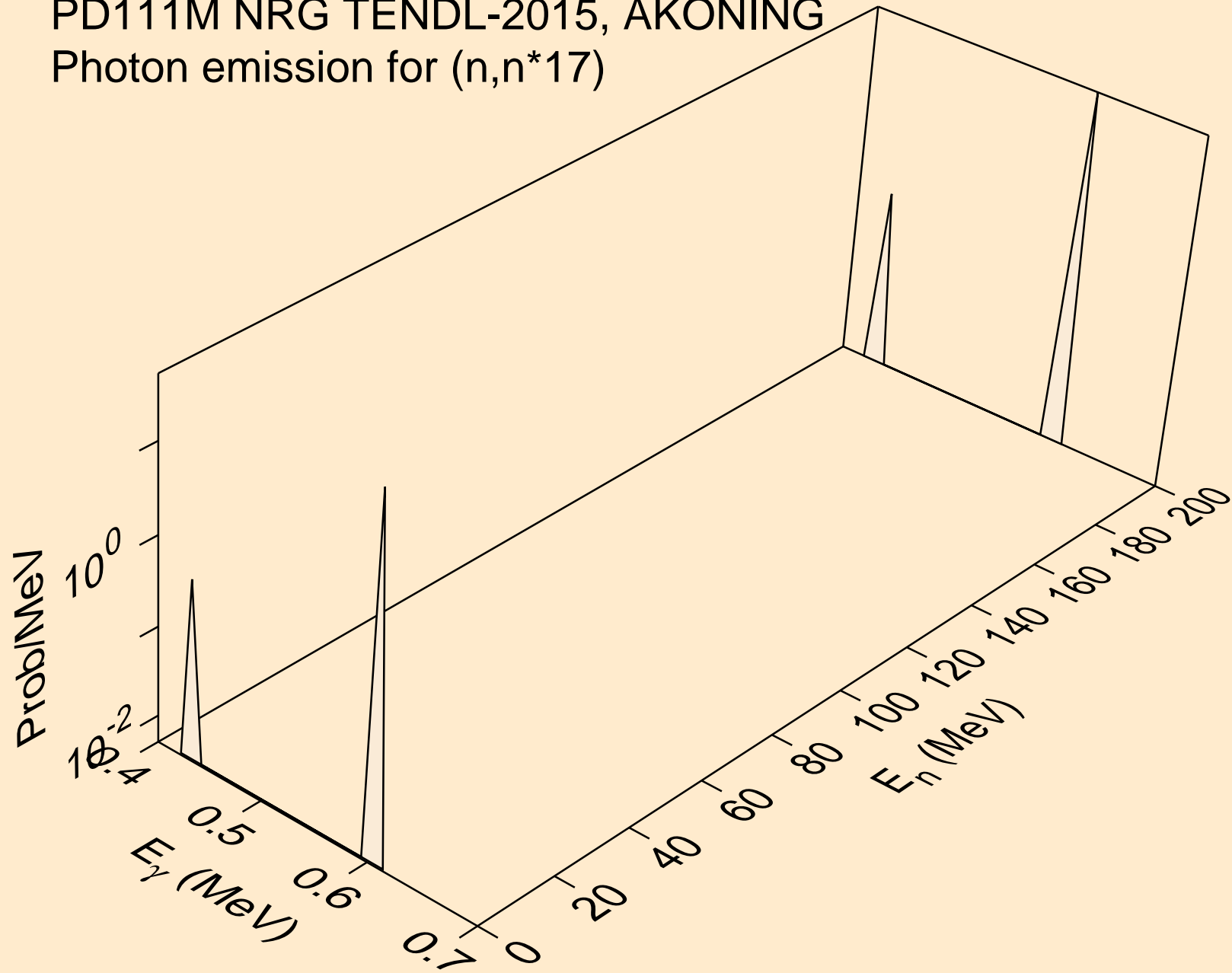
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Photon emission for (n,n\*15)



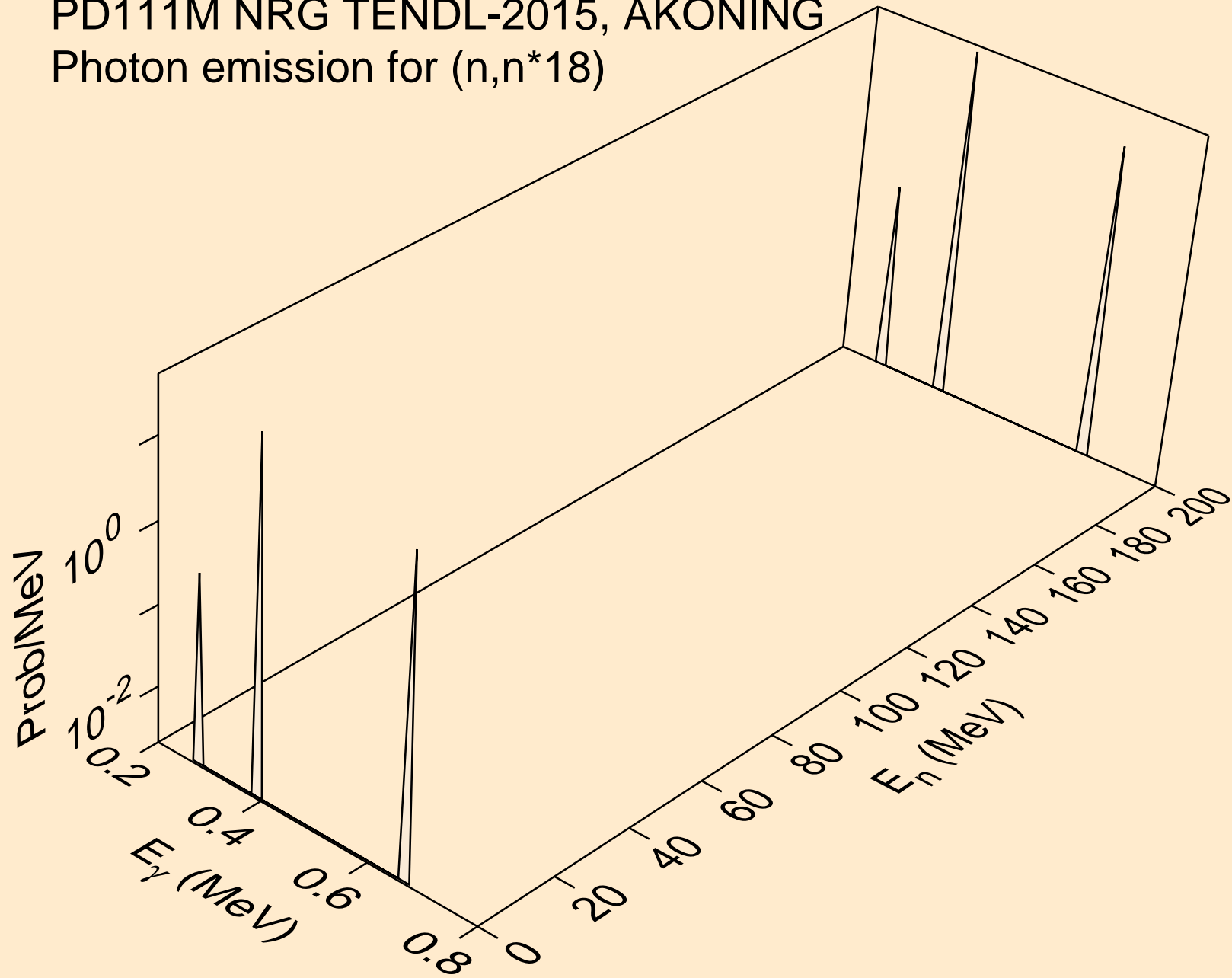
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Photon emission for (n,n\*16)



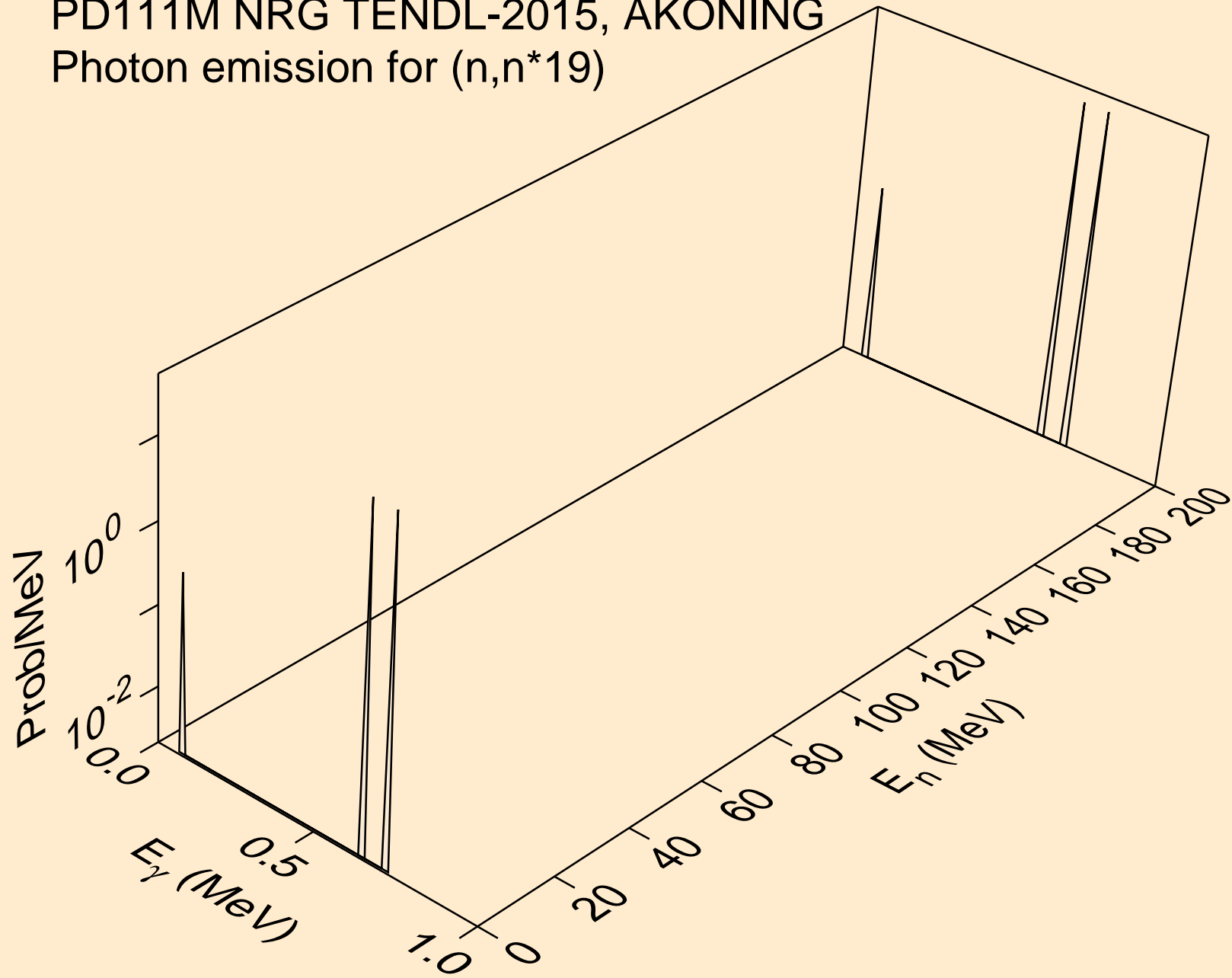
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*17)



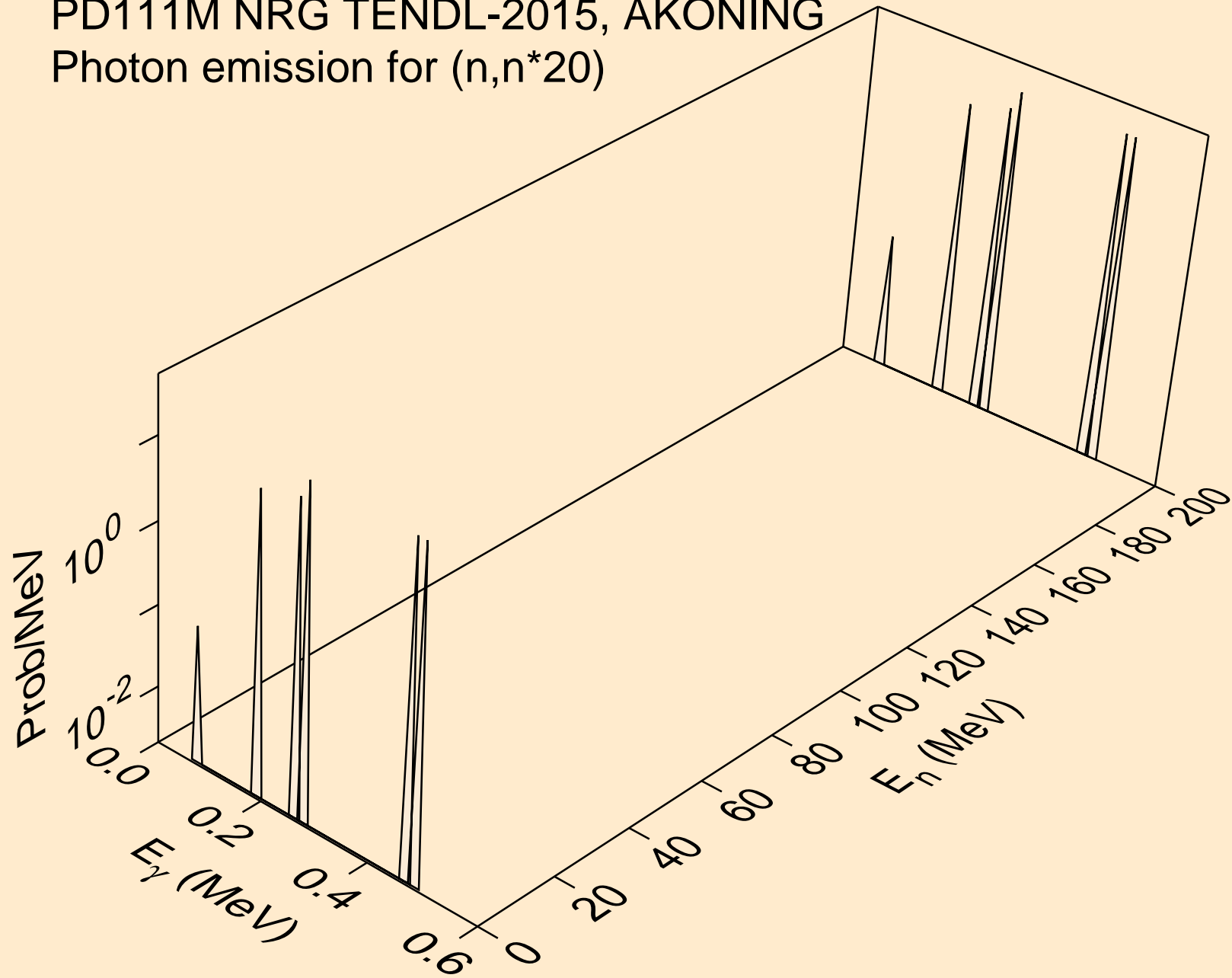
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Photon emission for (n,n\*18)



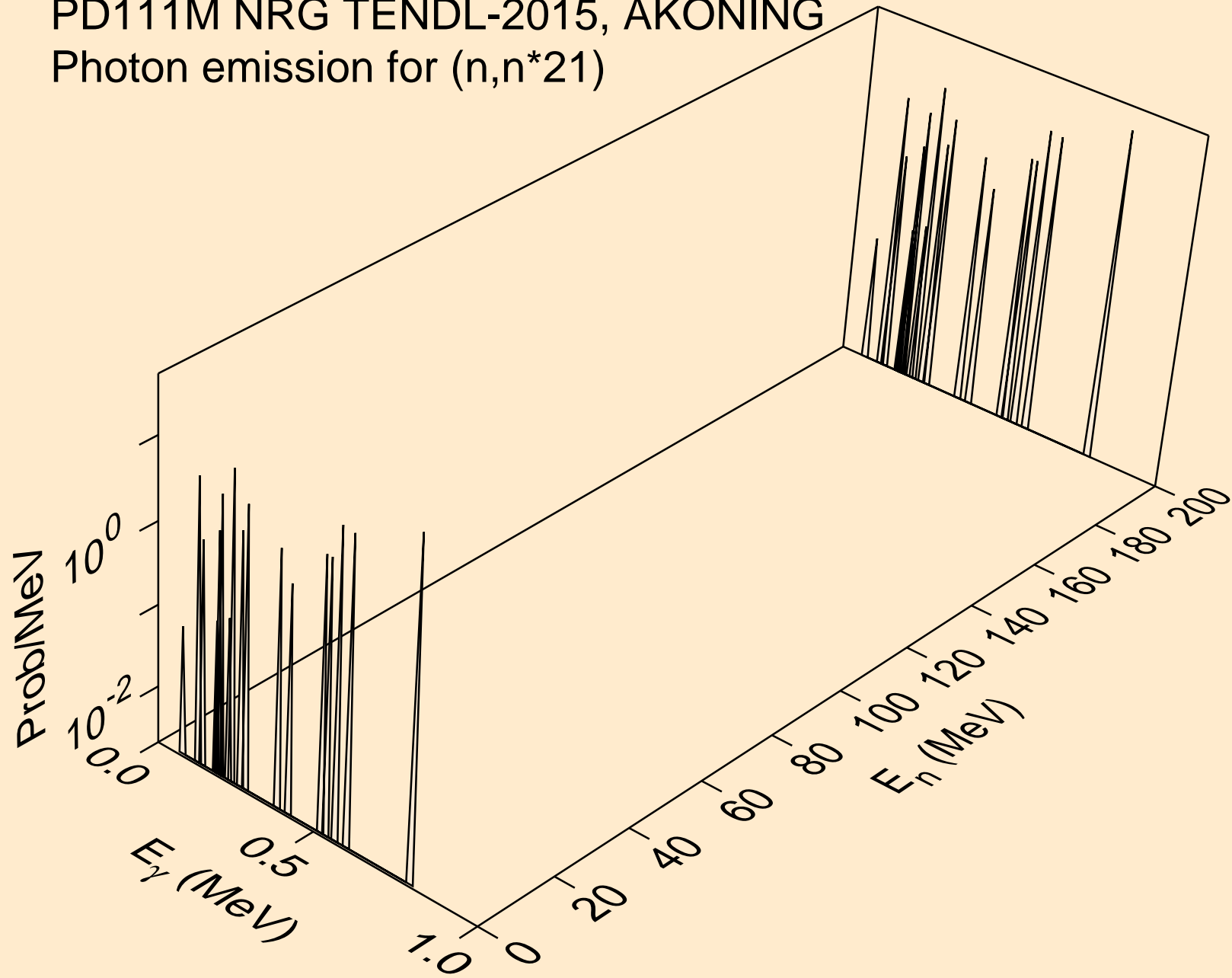
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)



PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*20)

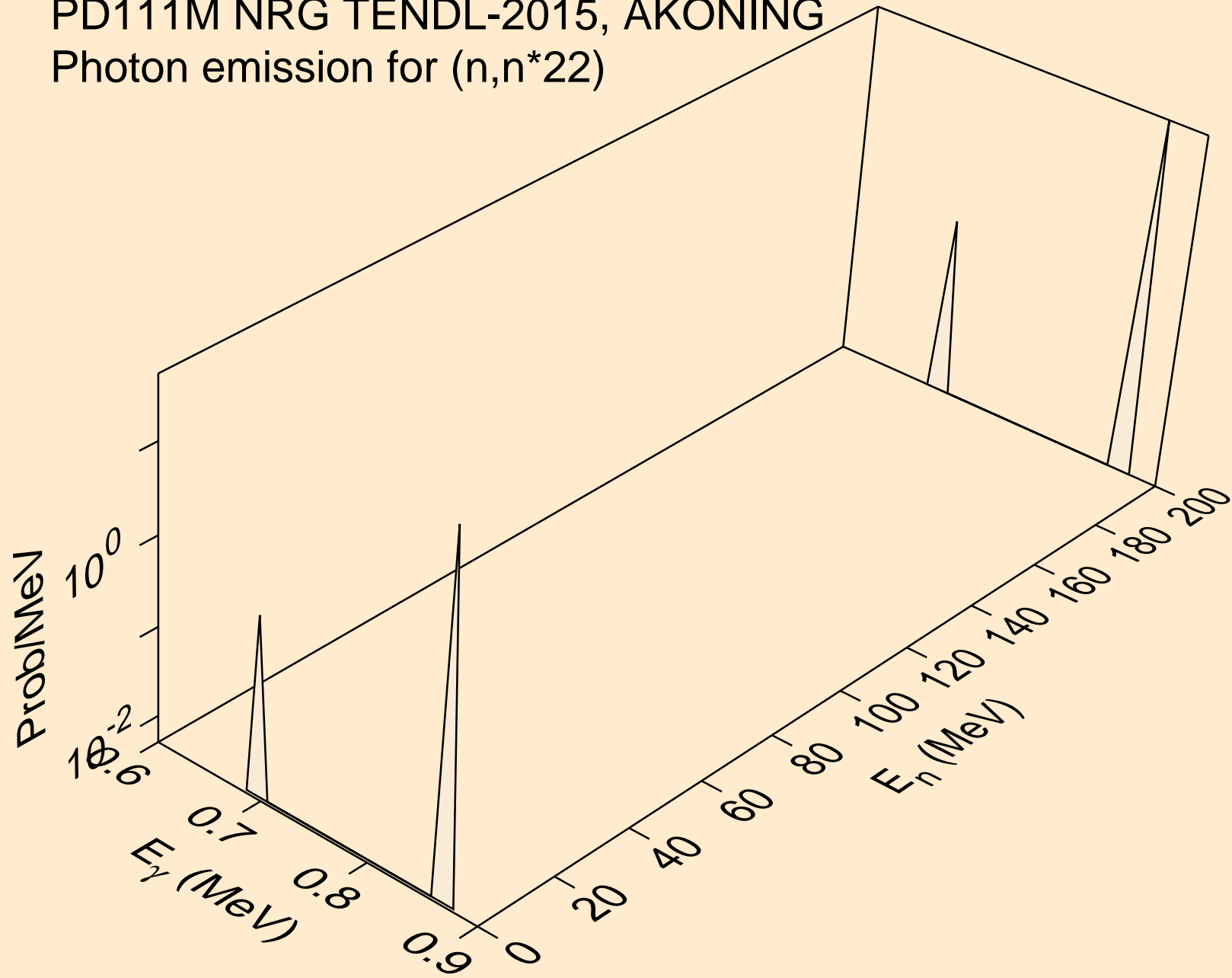


PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)

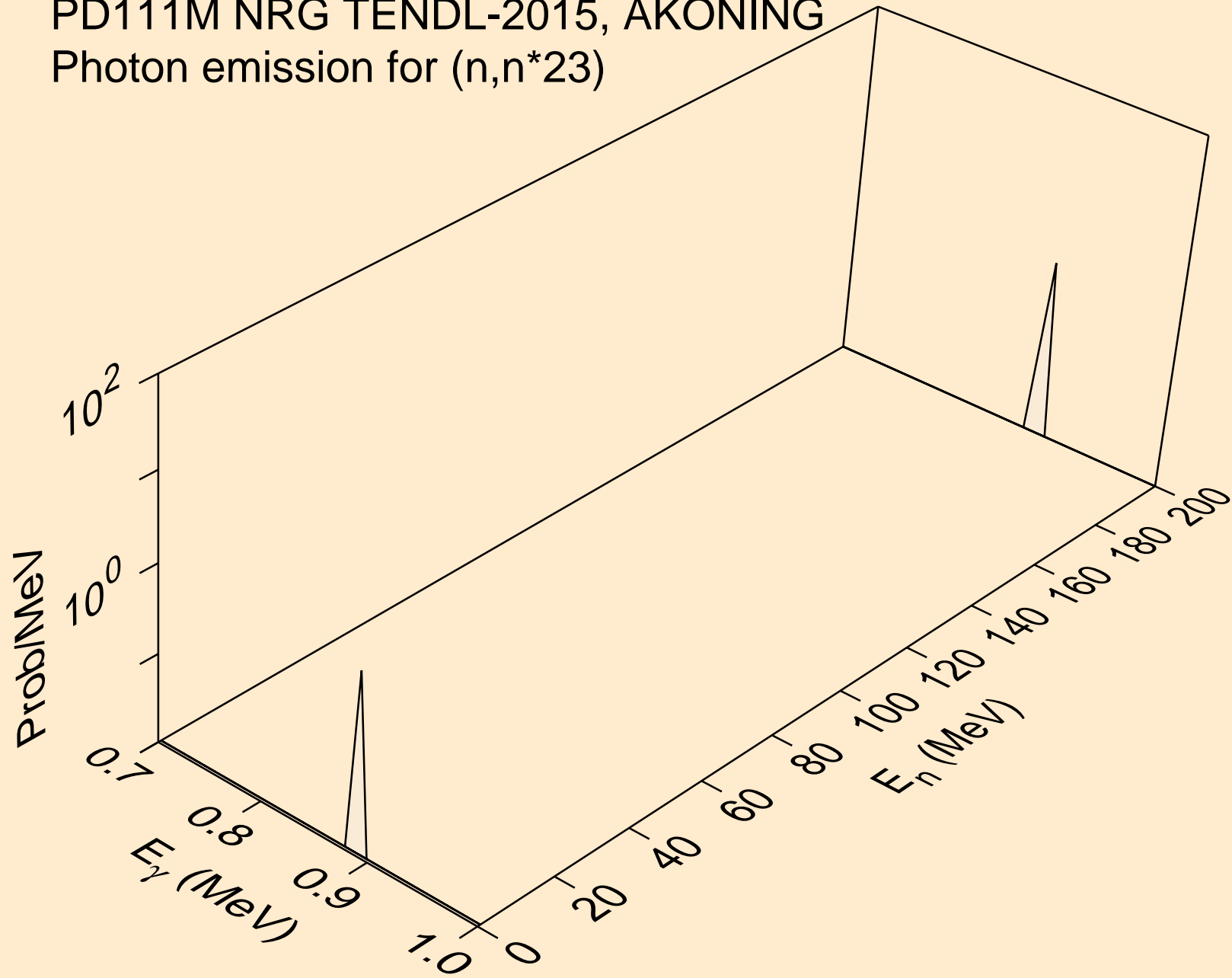




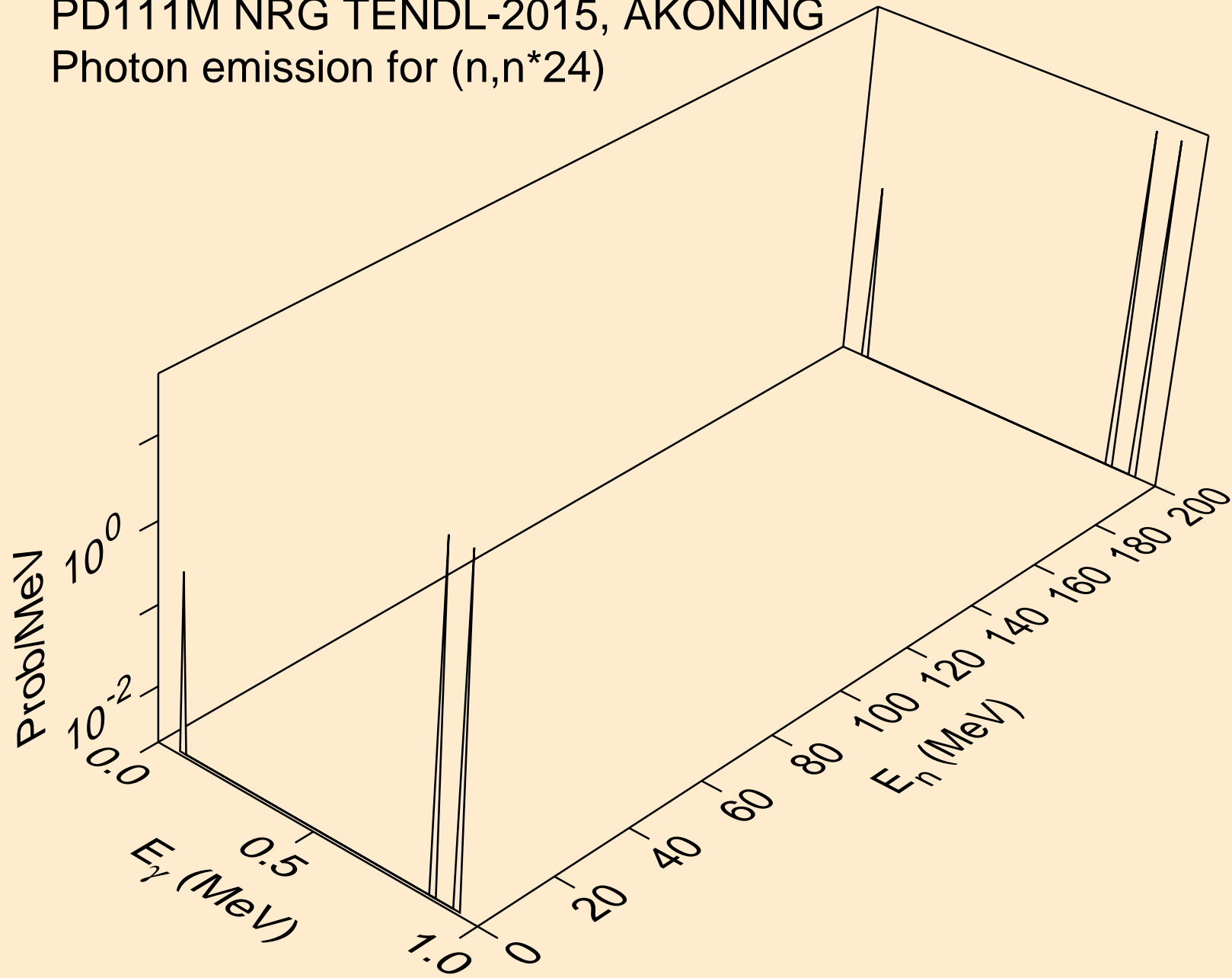
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Photon emission for (n,n\*22)



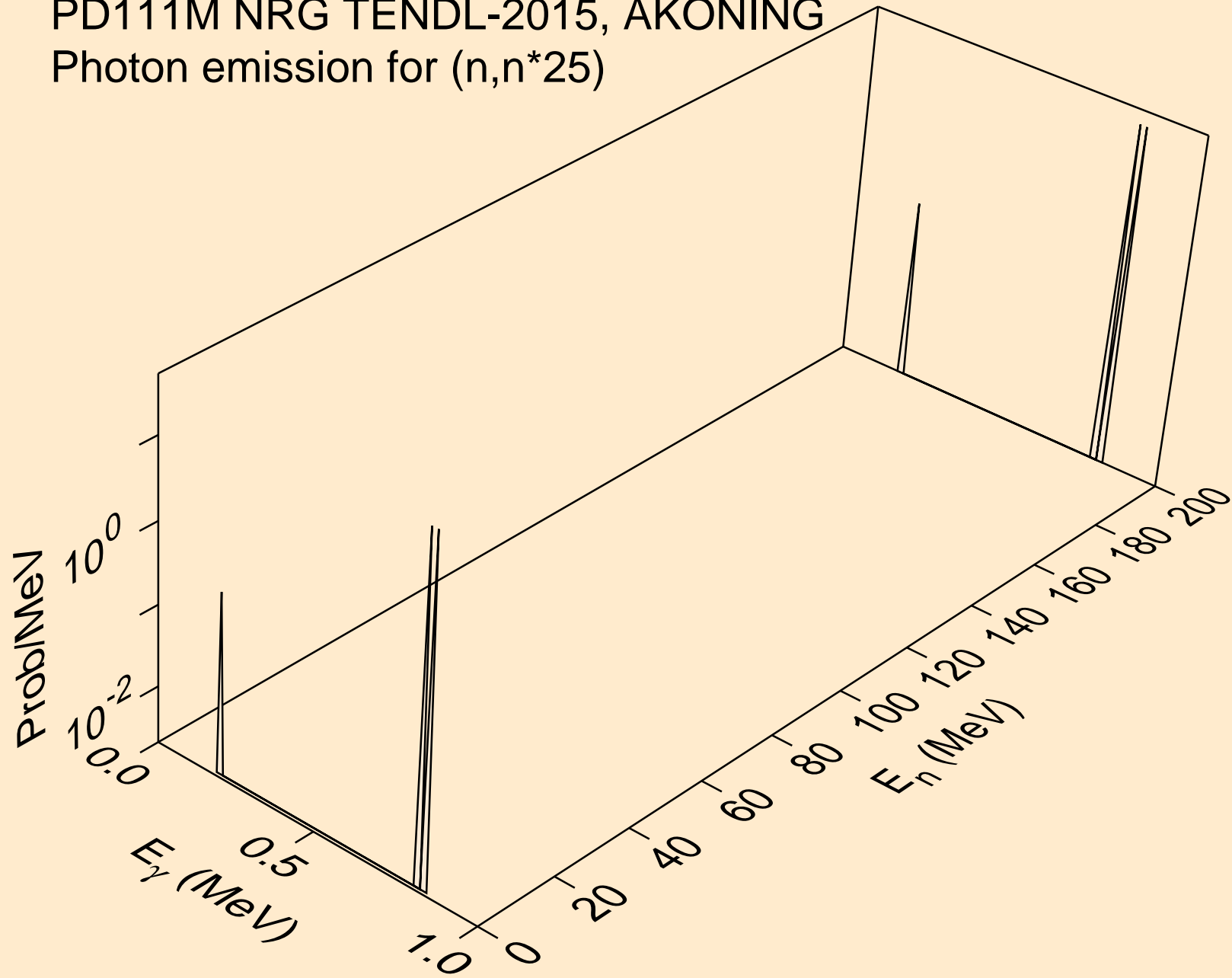
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Photon emission for (n,n\*23)



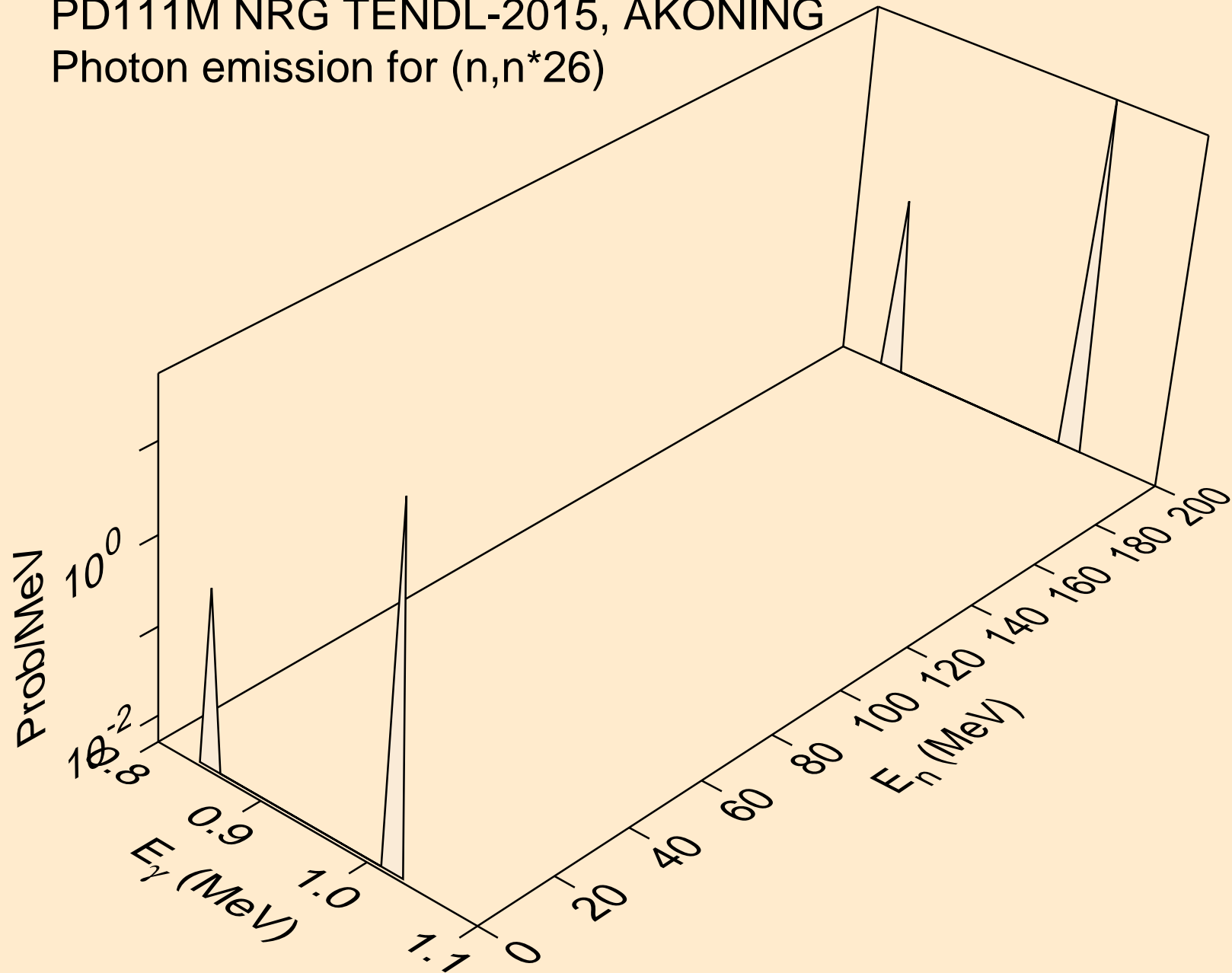
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Photon emission for (n,n\*24)



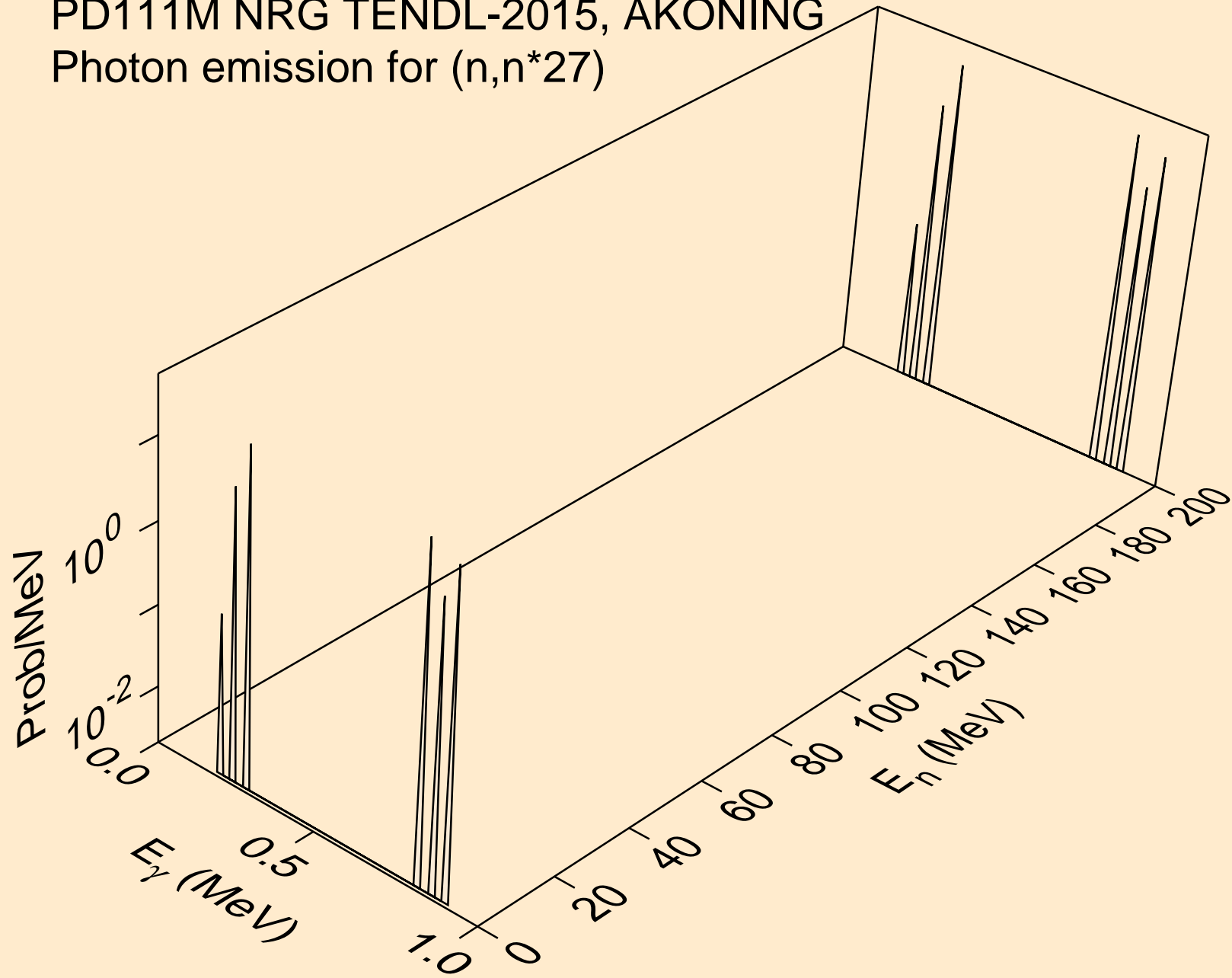
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Photon emission for (n,n\*25)



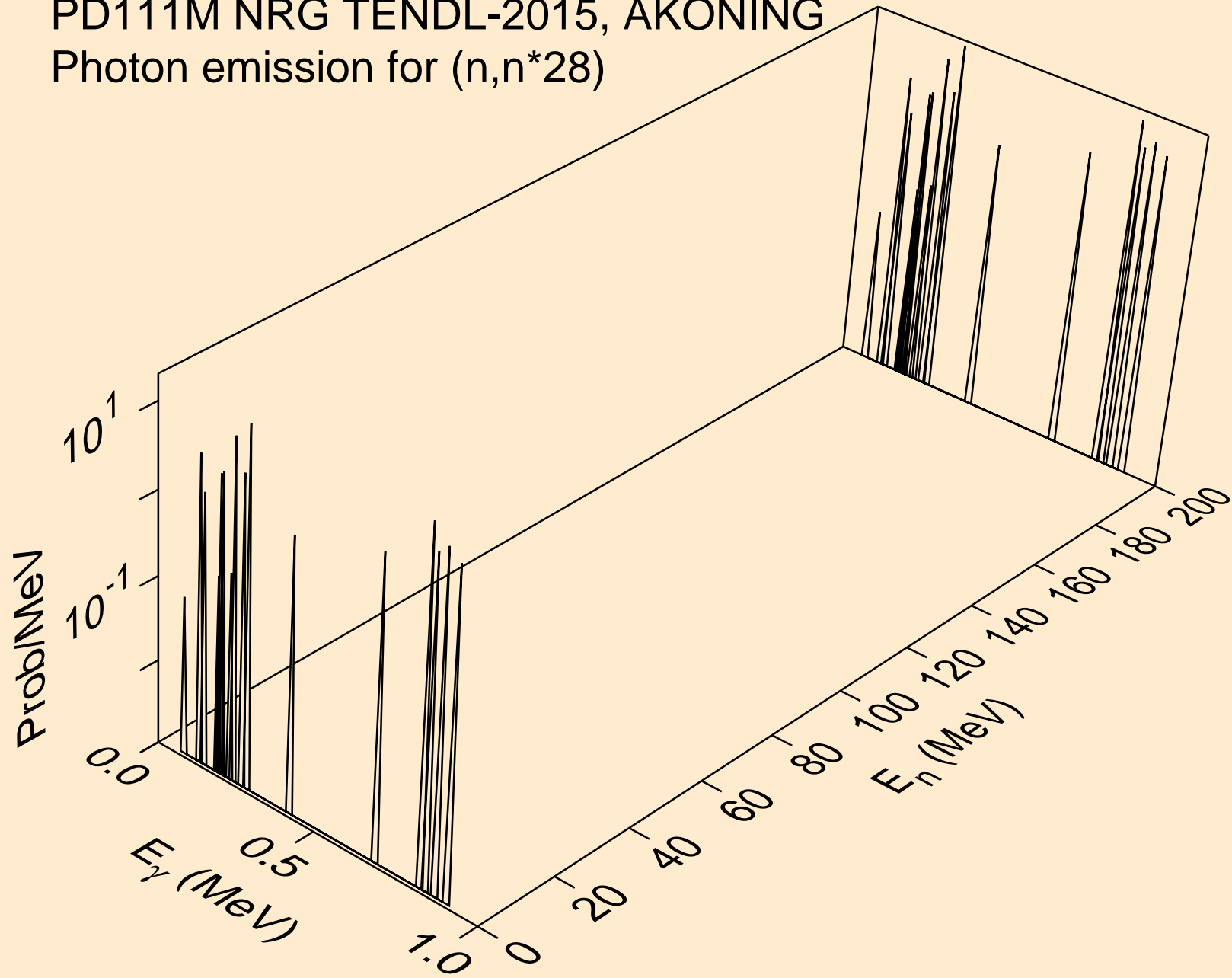
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Photon emission for (n,n\*26)



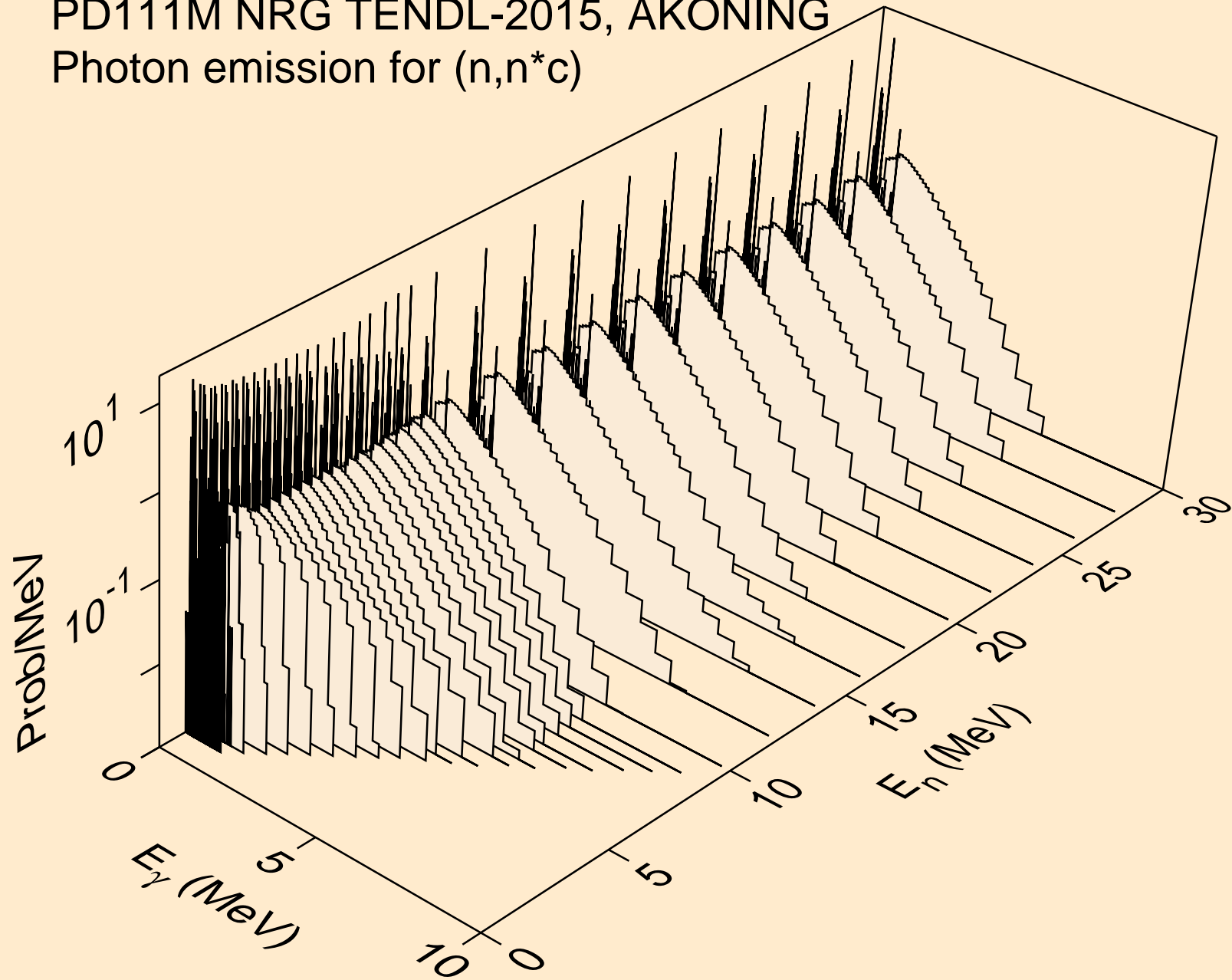
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Photon emission for (n,n\*27)



PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*28)

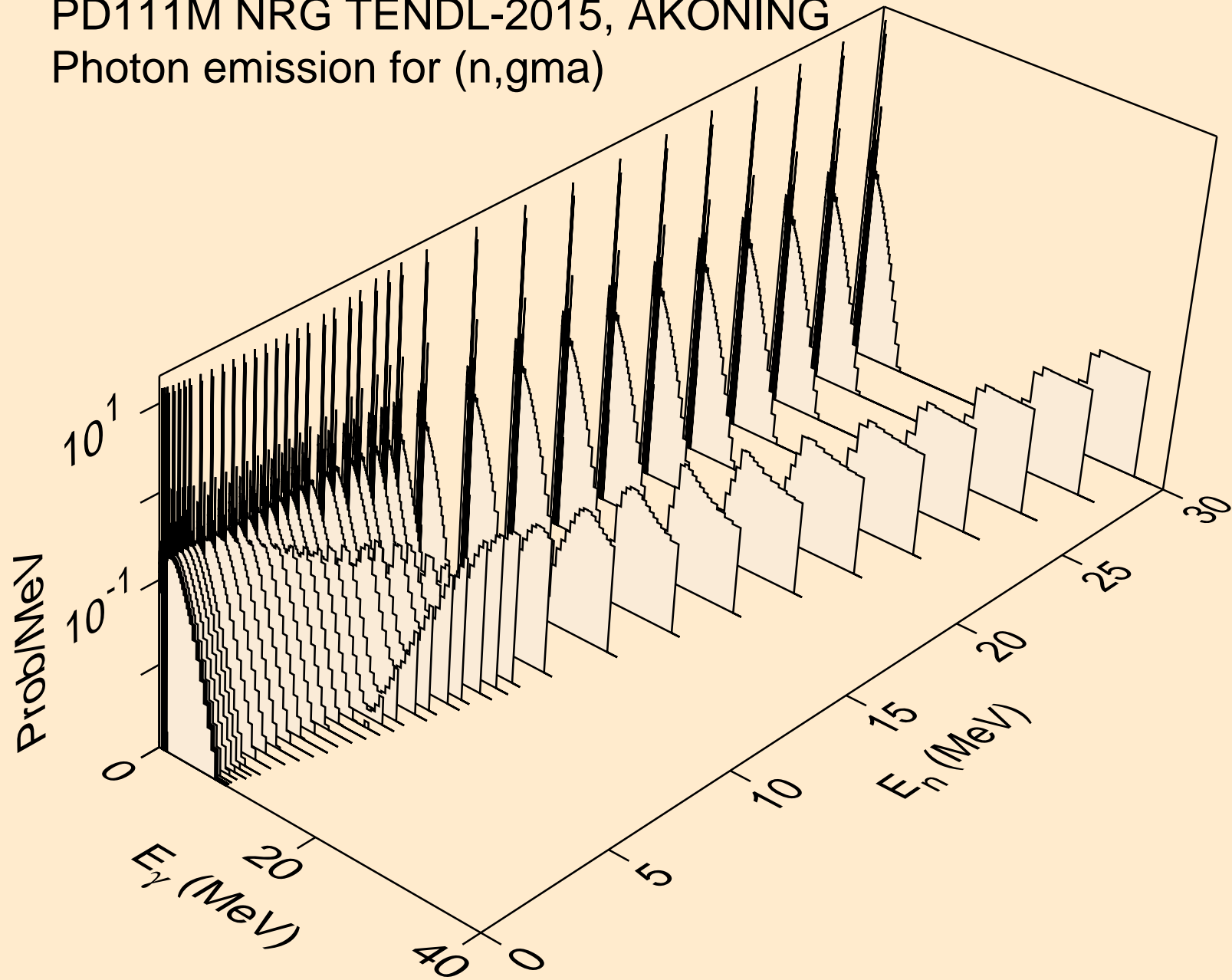


PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

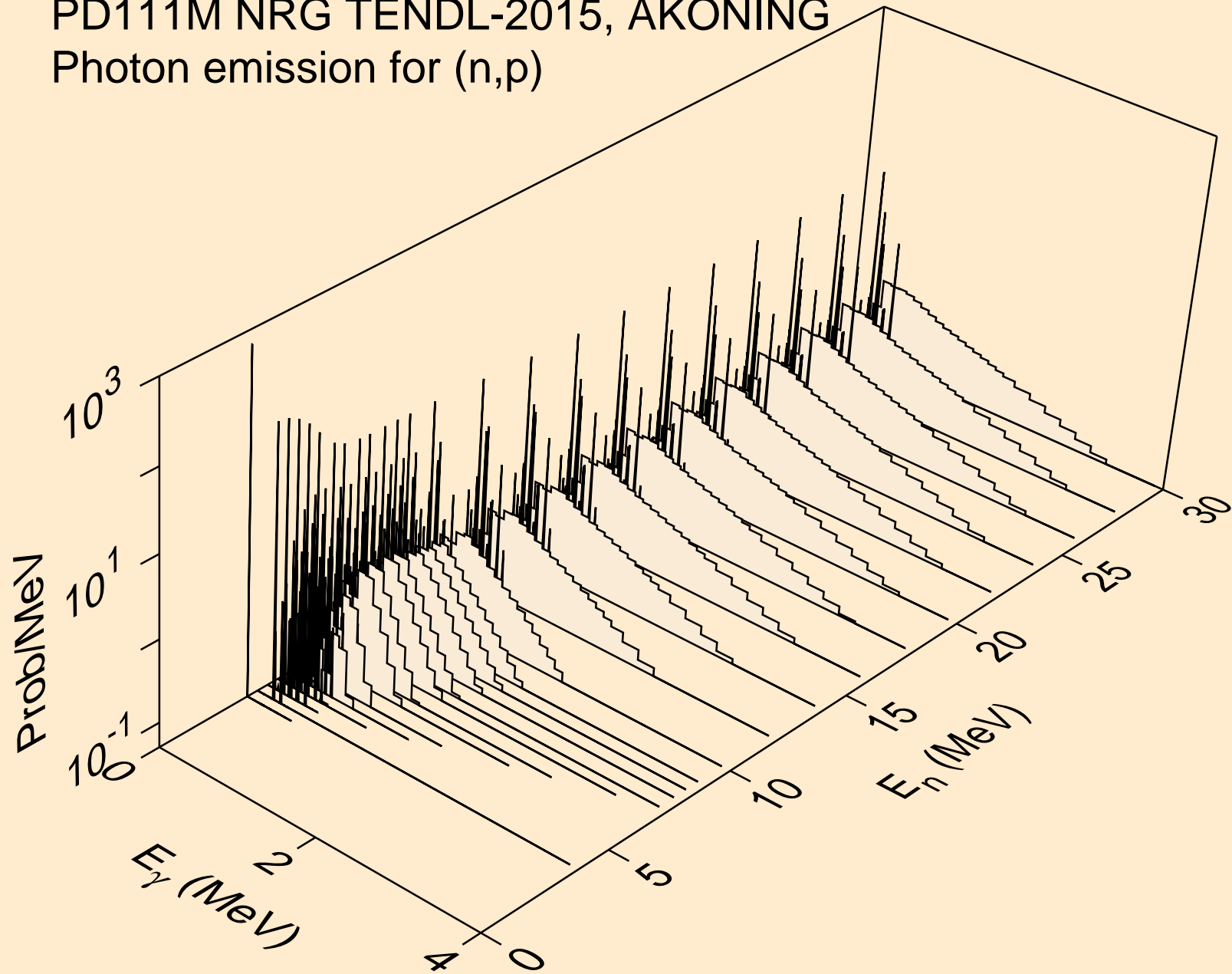




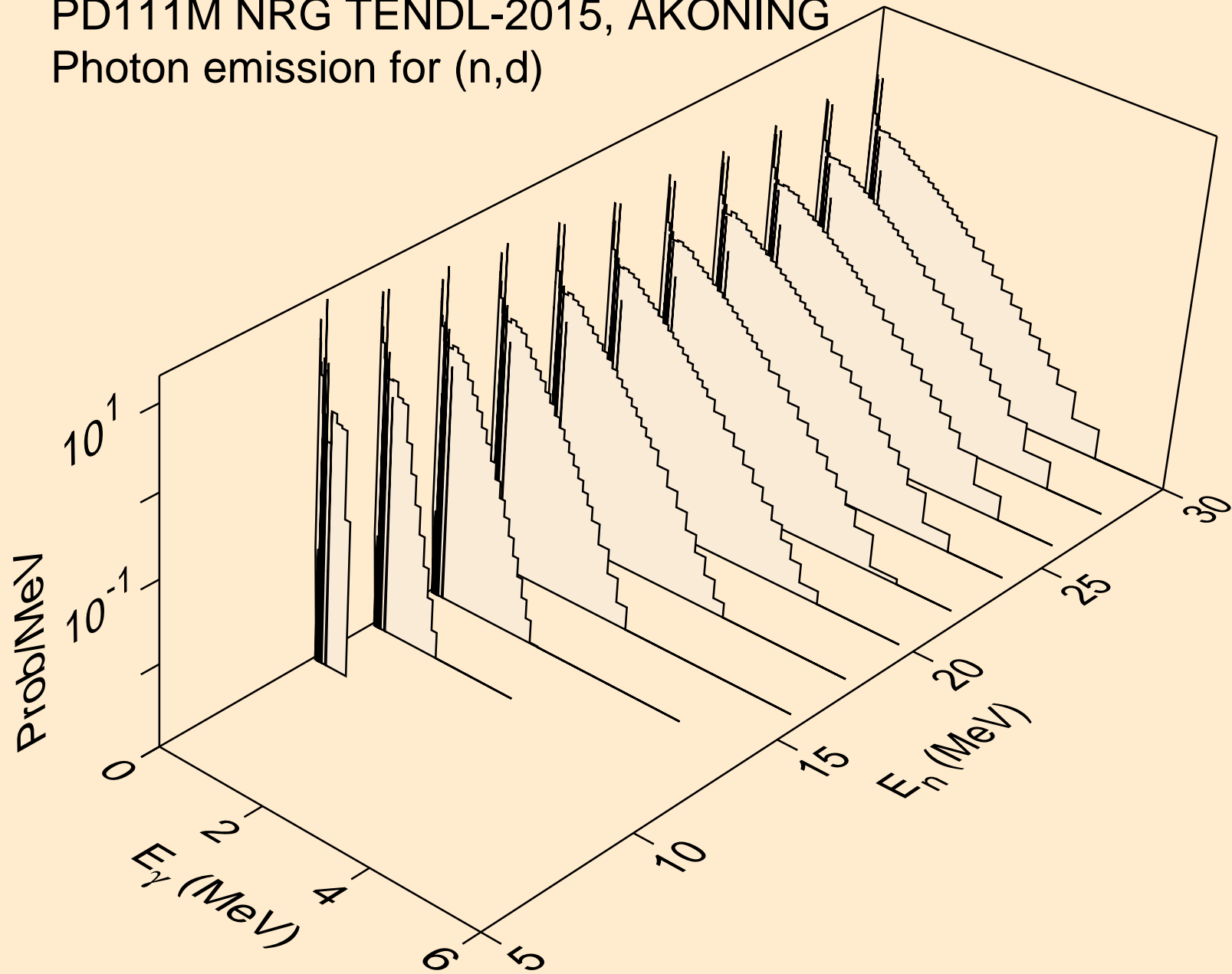
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Photon emission for (n,gma)



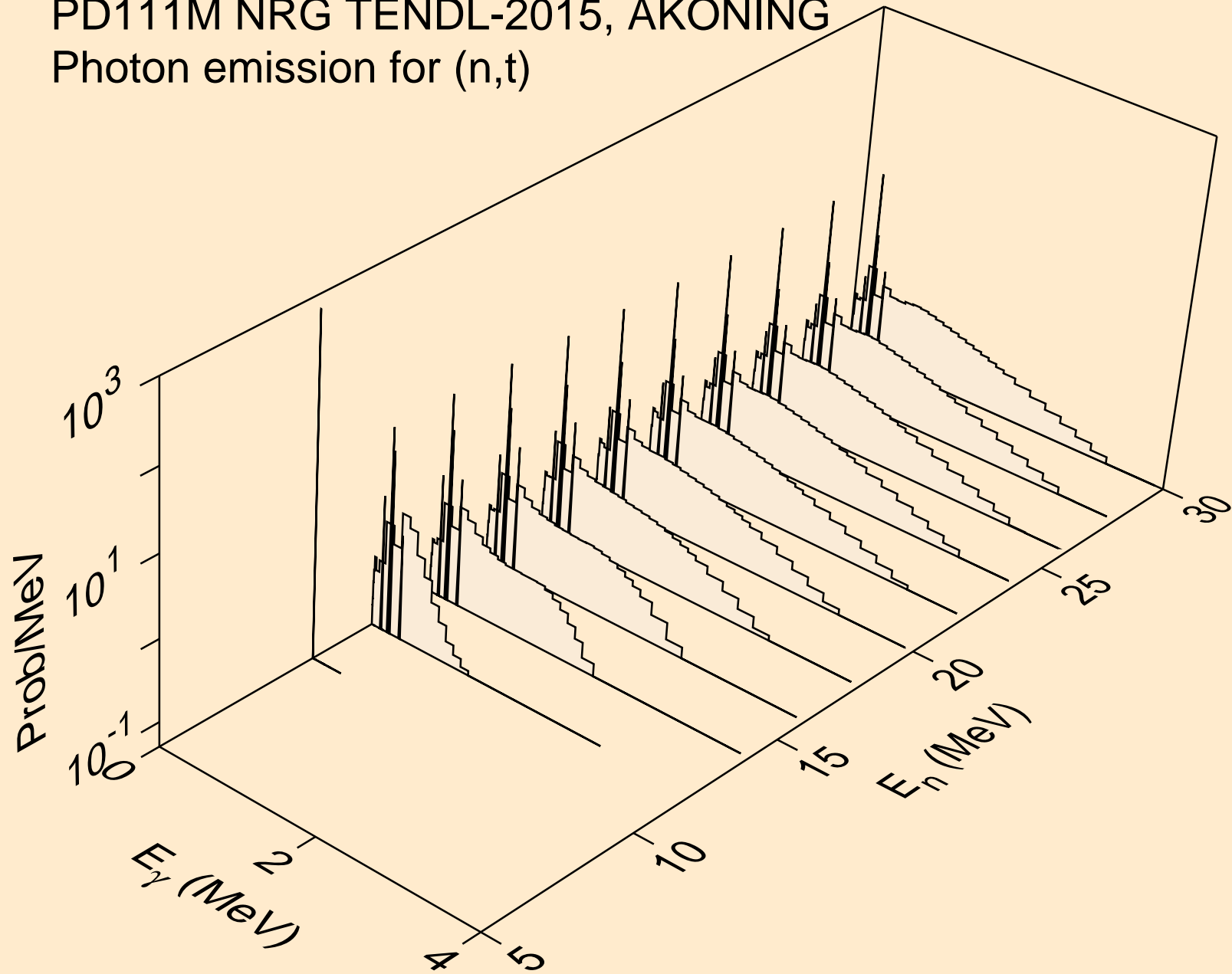
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



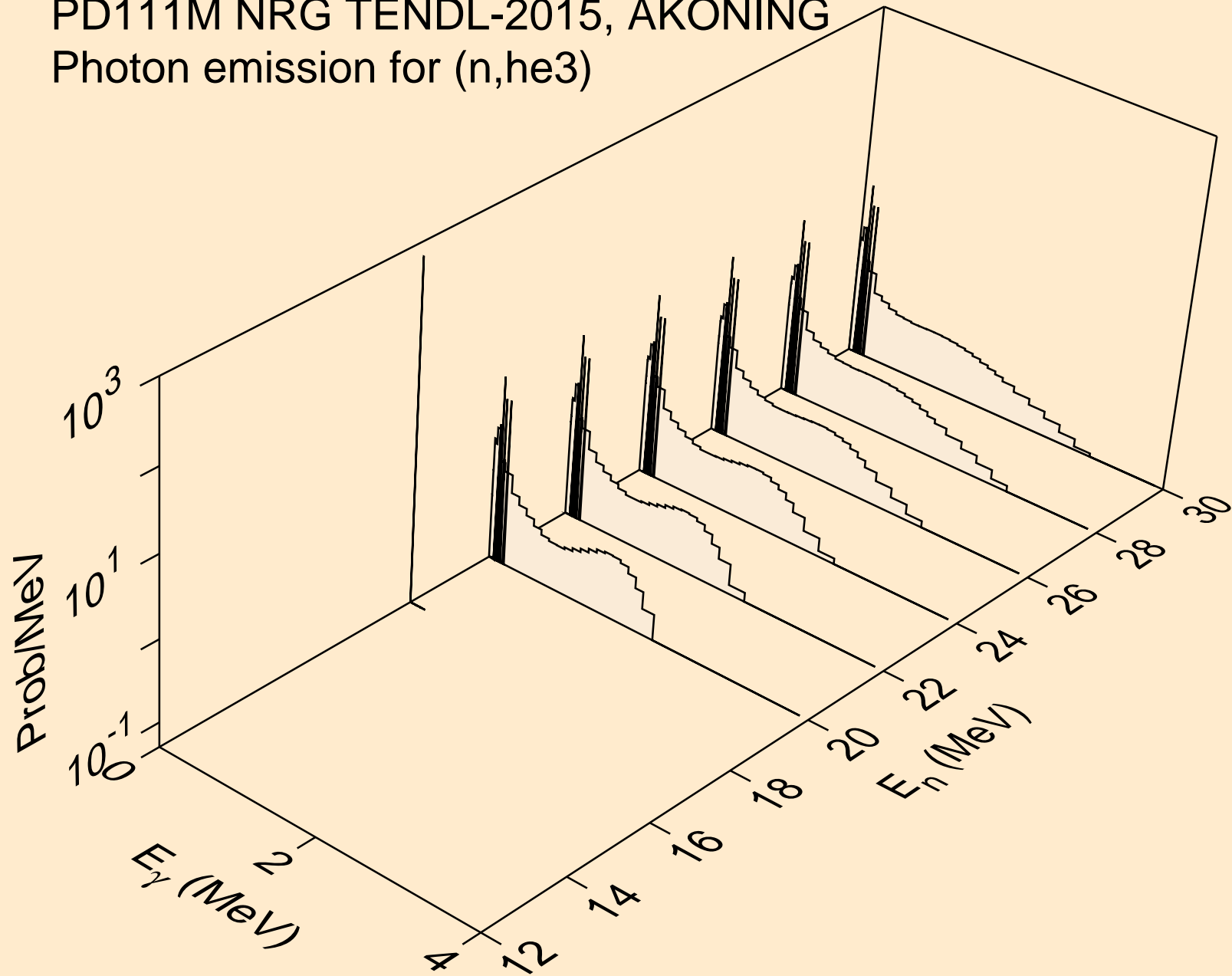
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



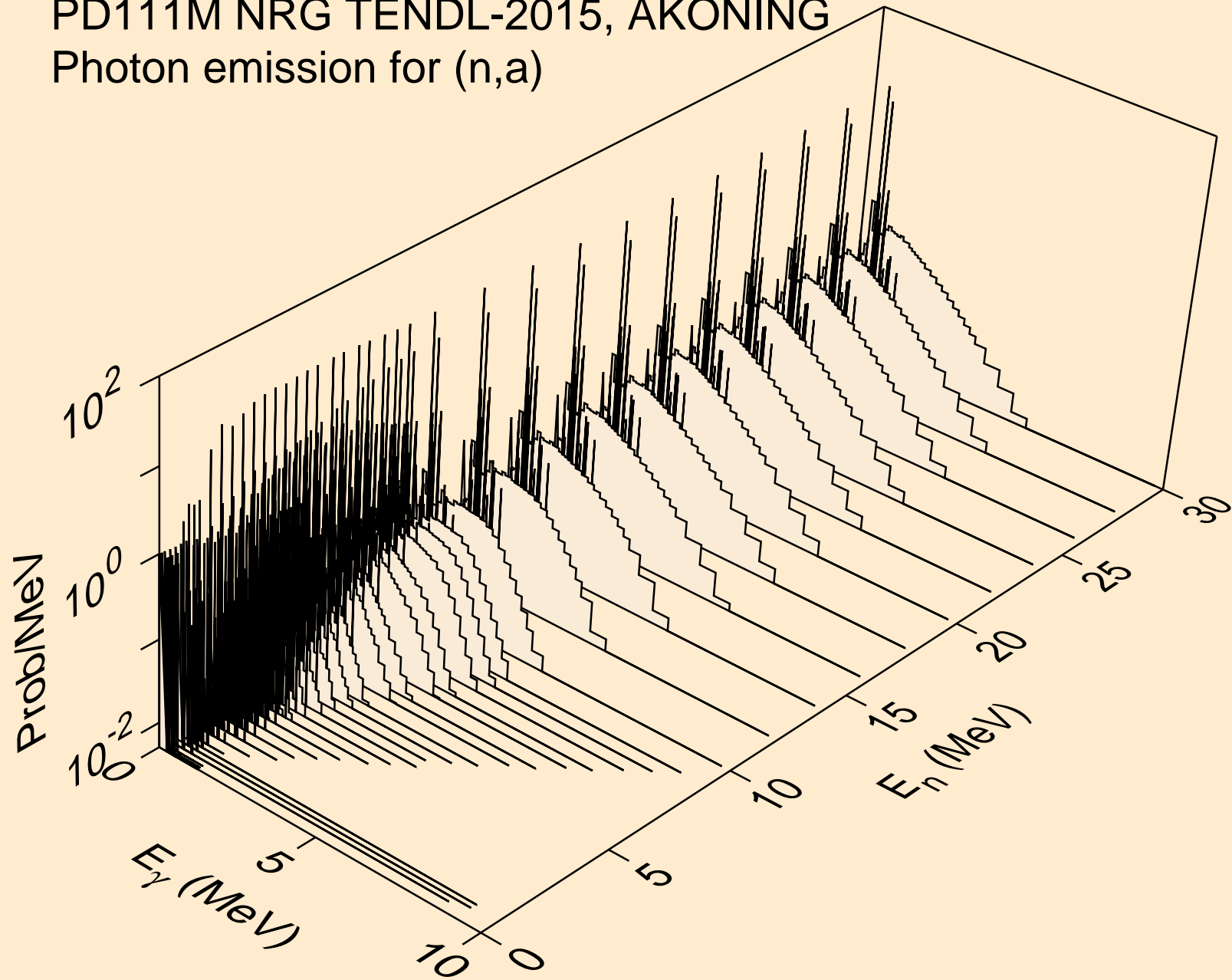
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Photon emission for (n,t)



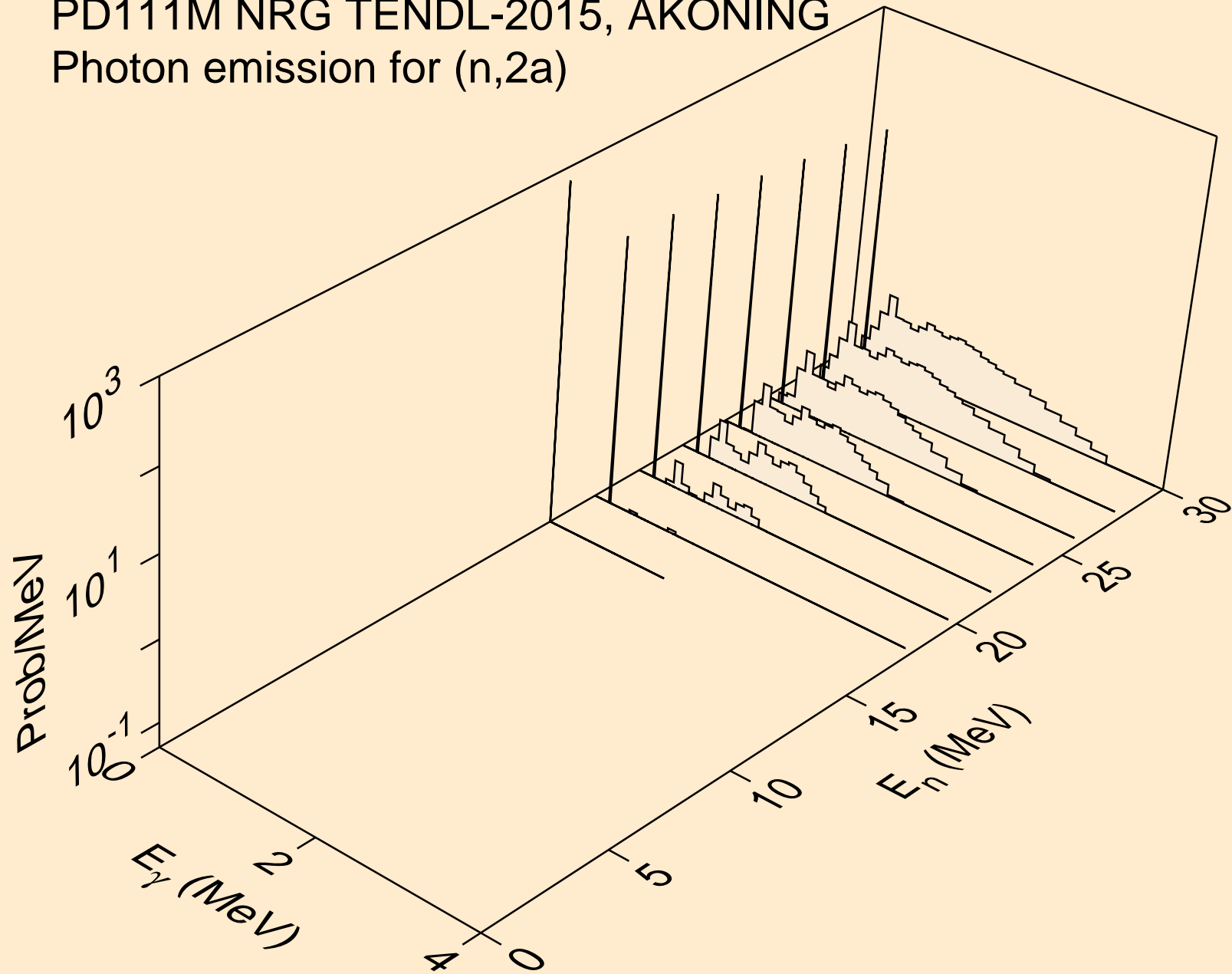
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Photon emission for (n,he3)



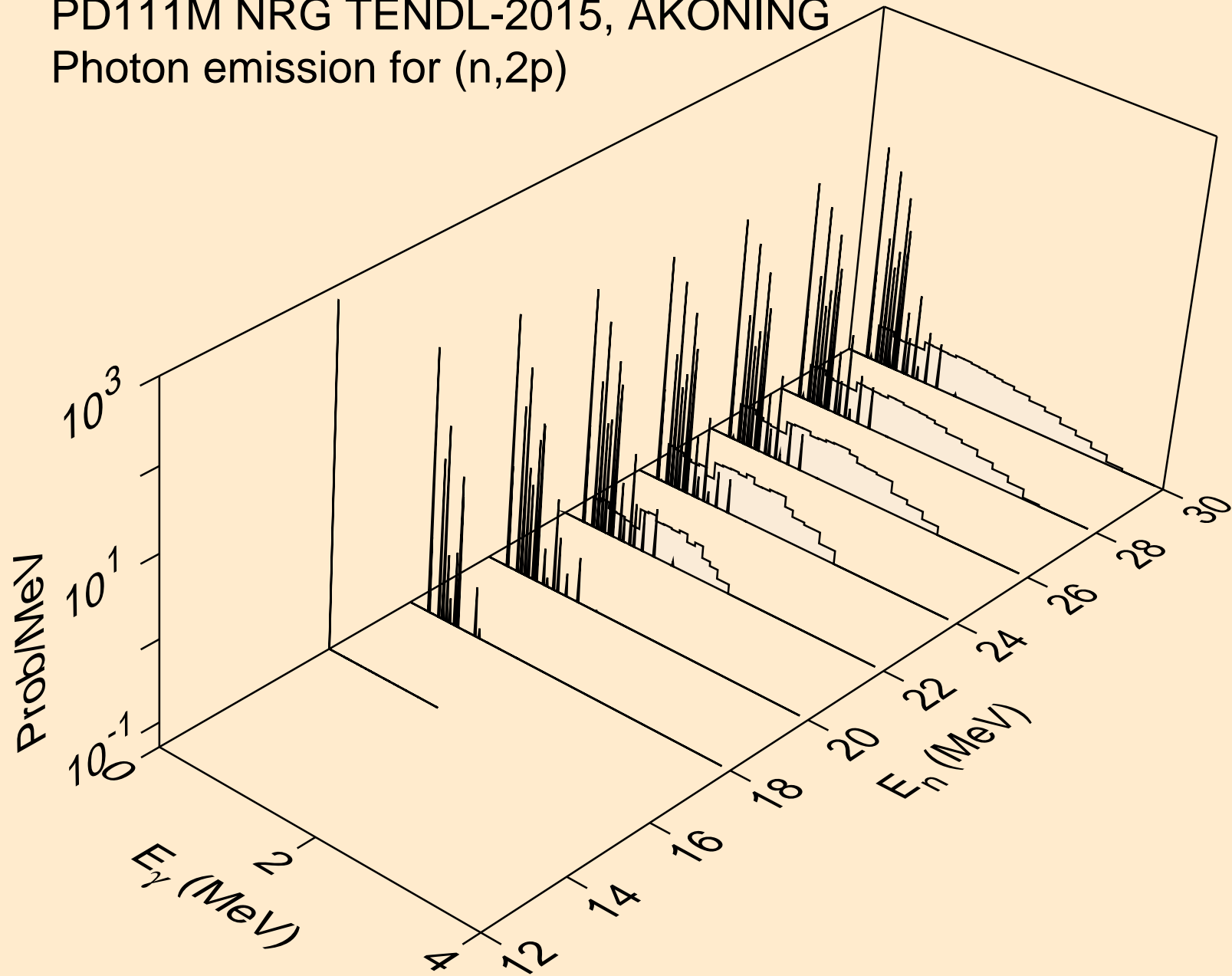
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,a)



PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

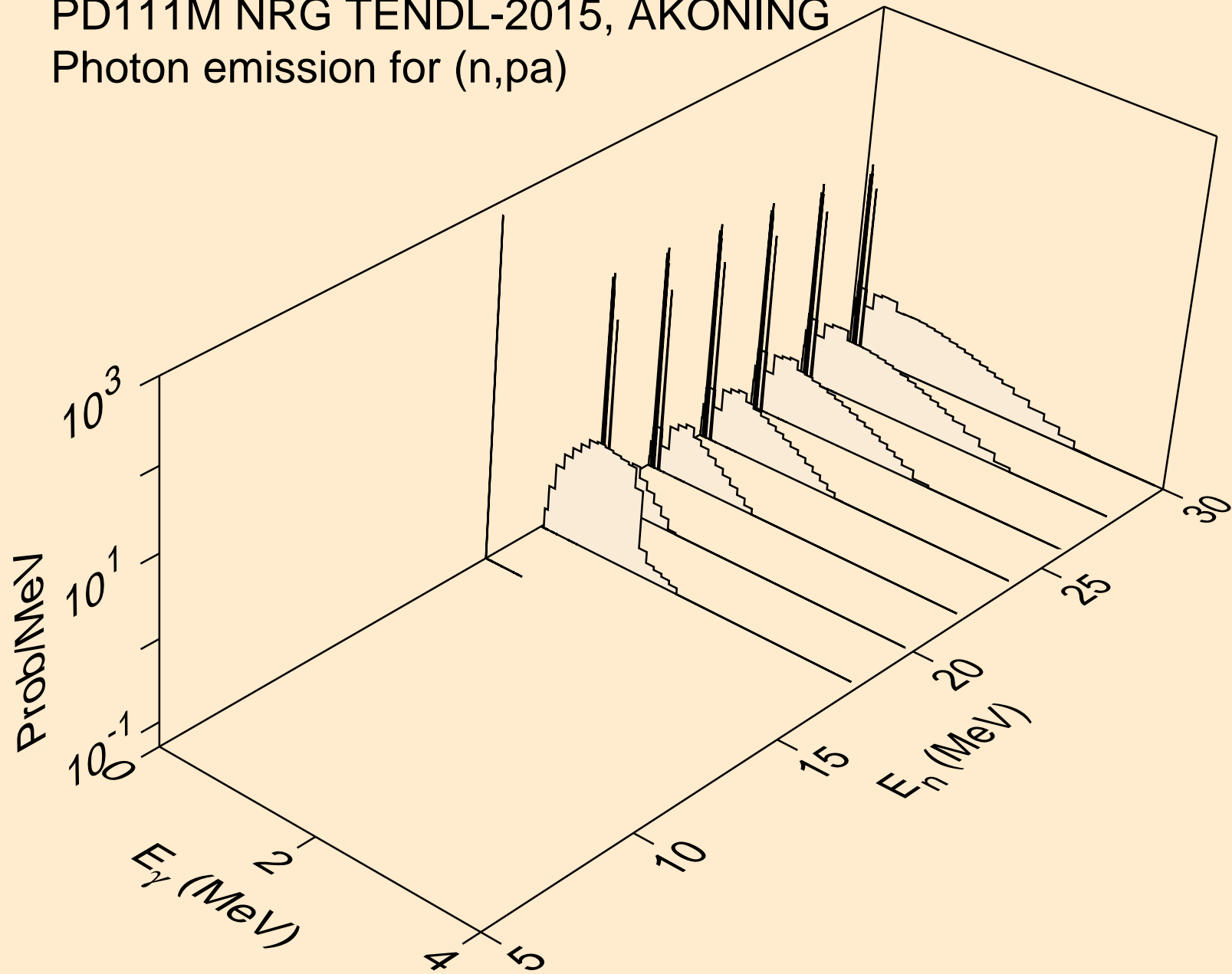


PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

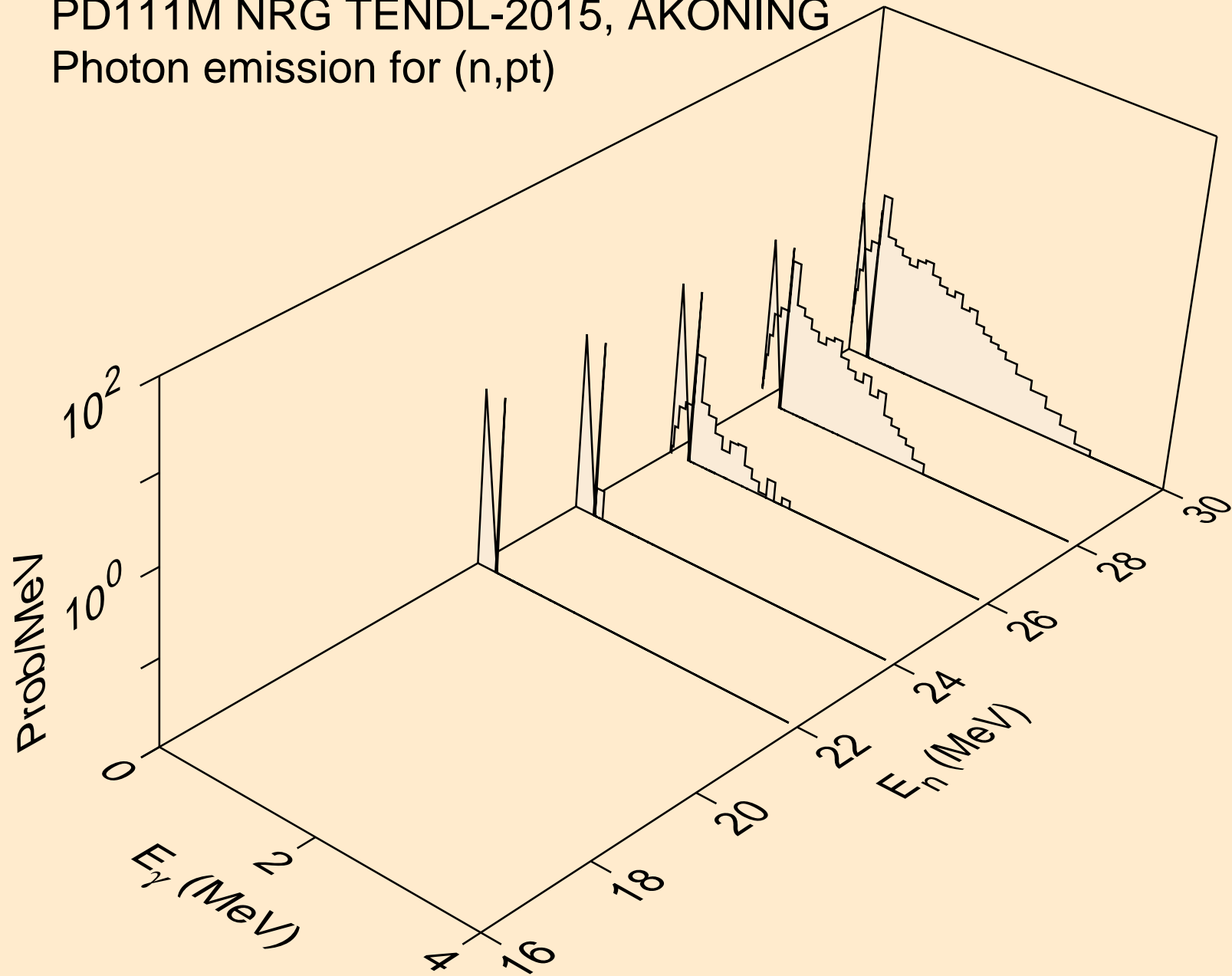




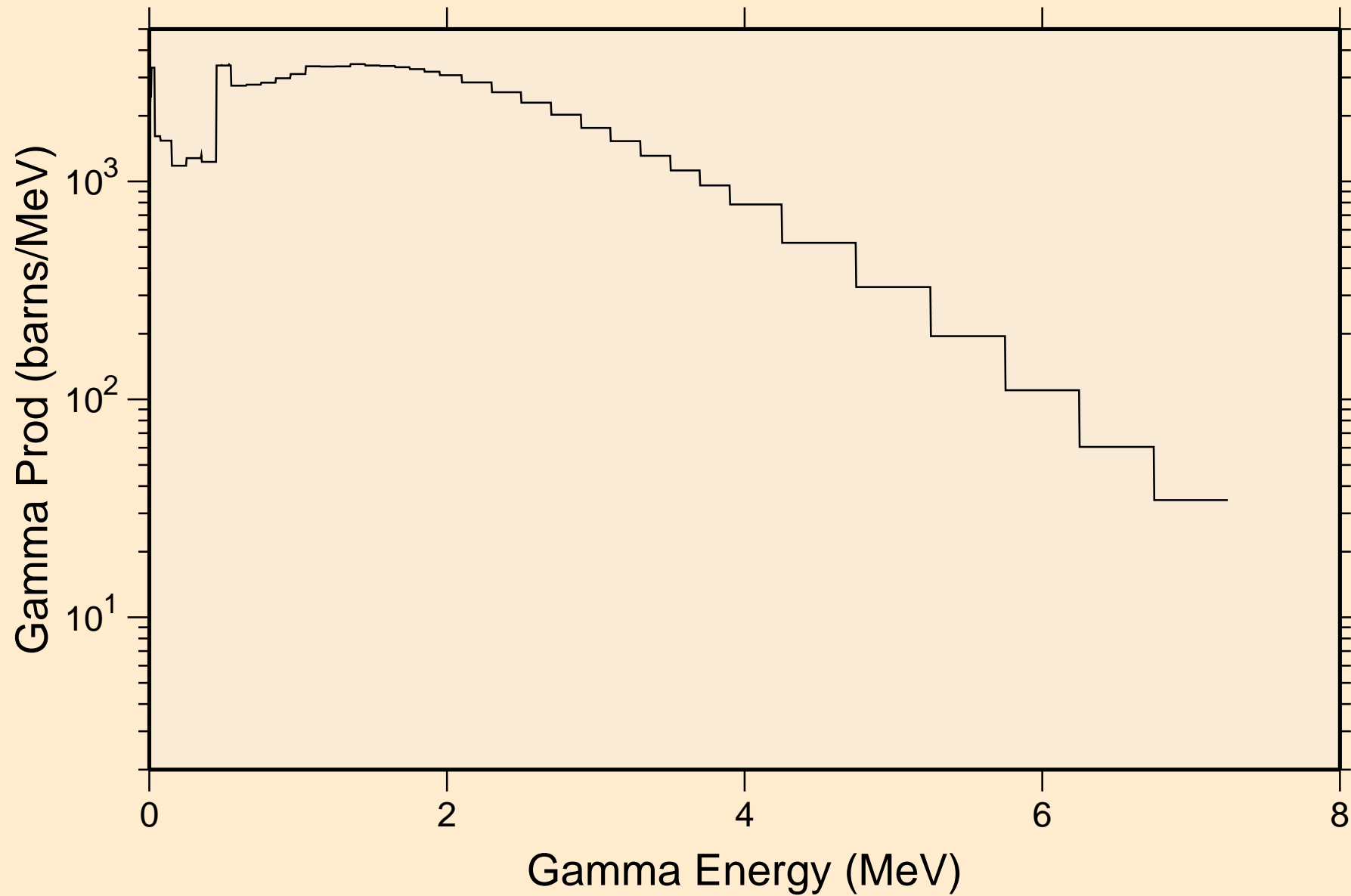
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



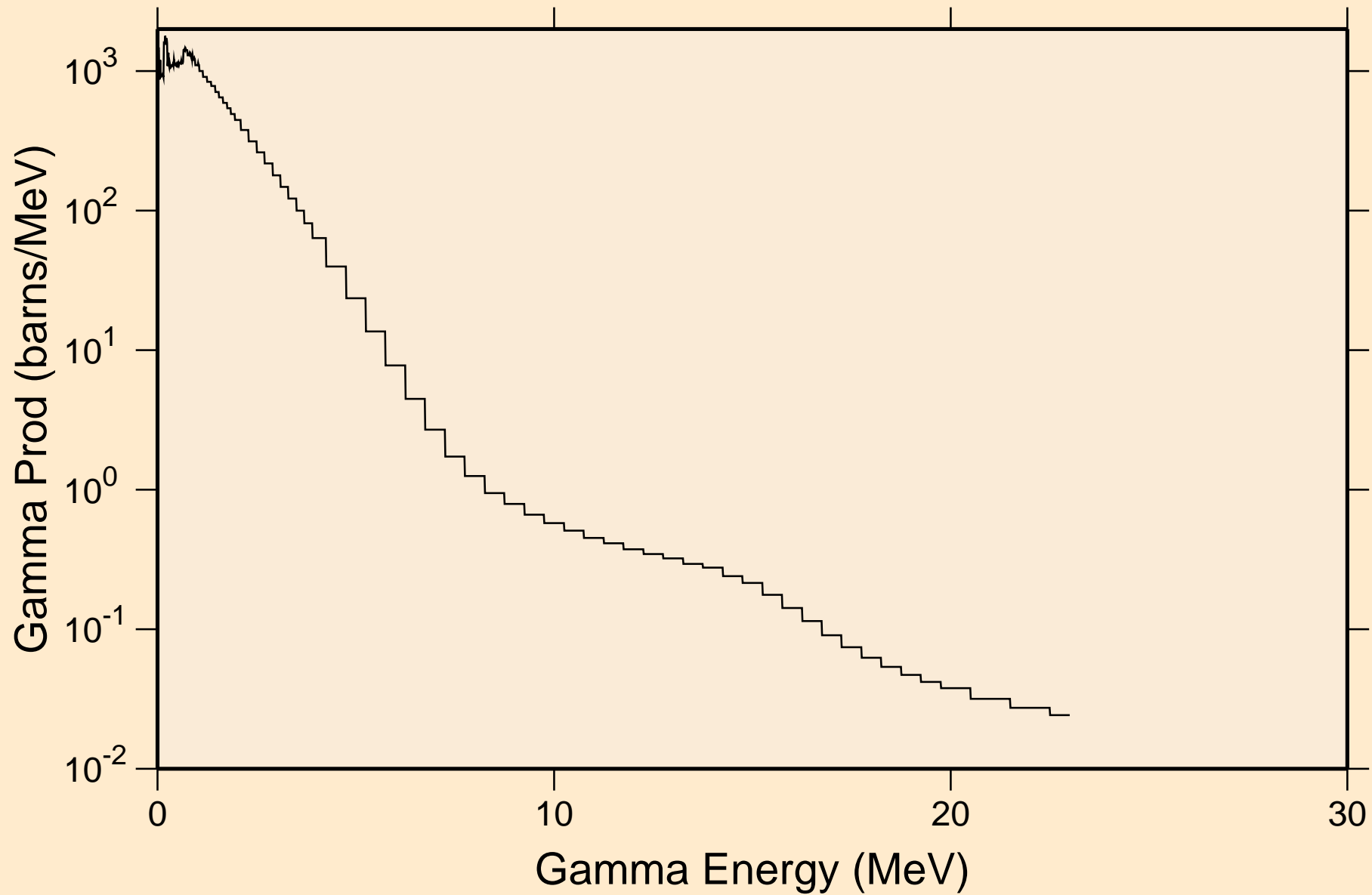
PD111M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



PD111M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

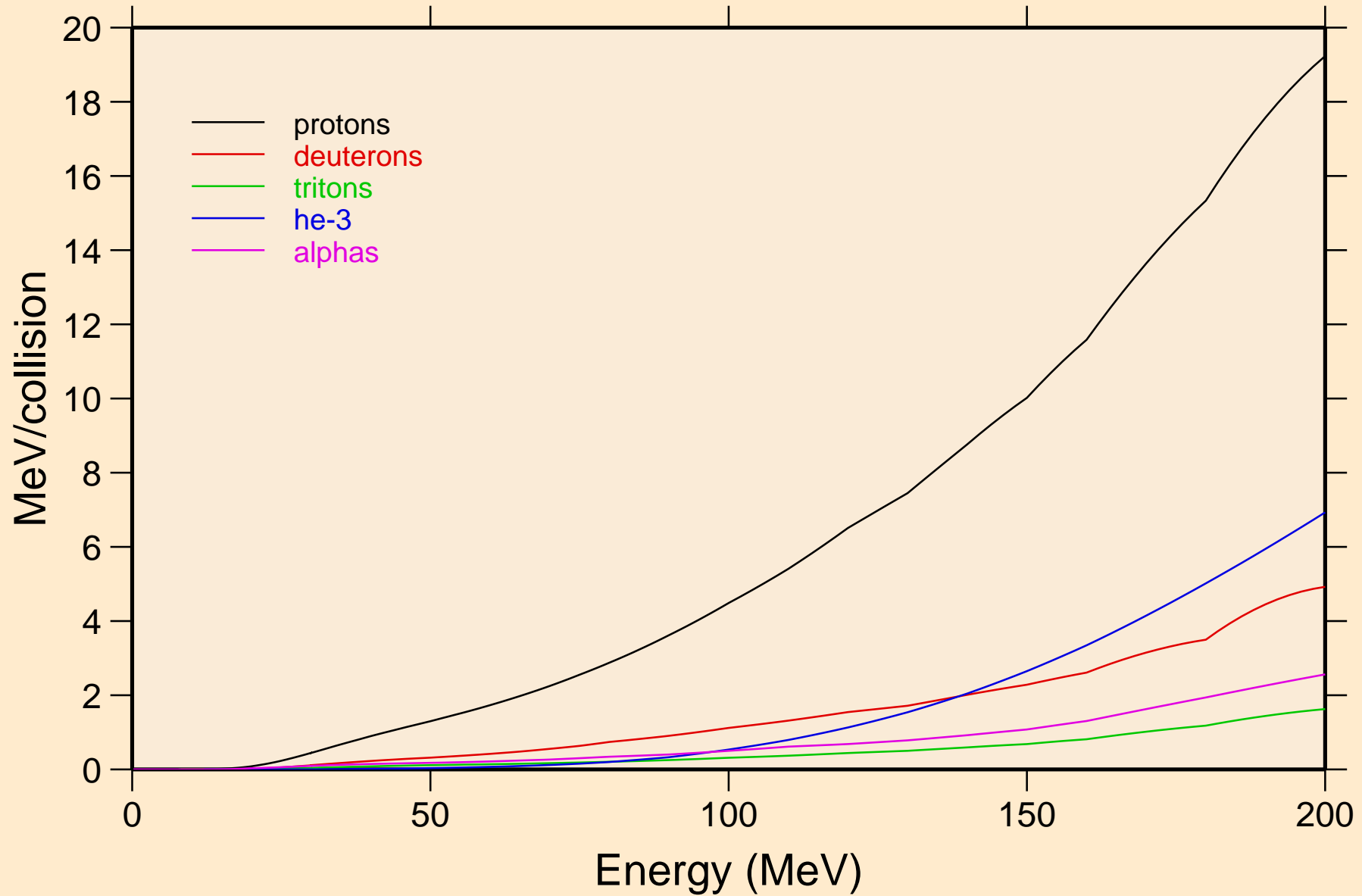


PD111M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



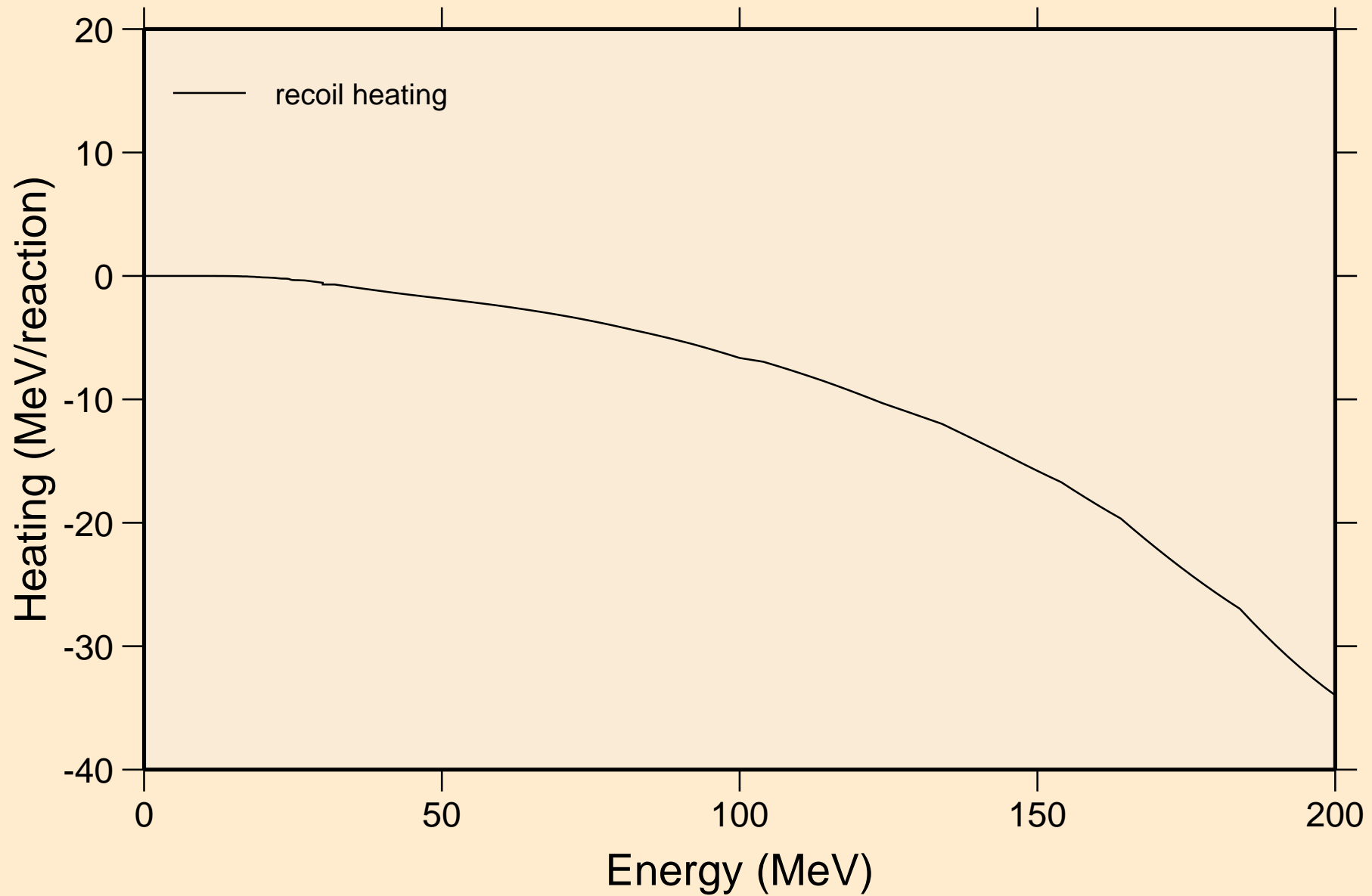
# PD111M NRG TENDL-2015, AKONING

## Particle heating contributions



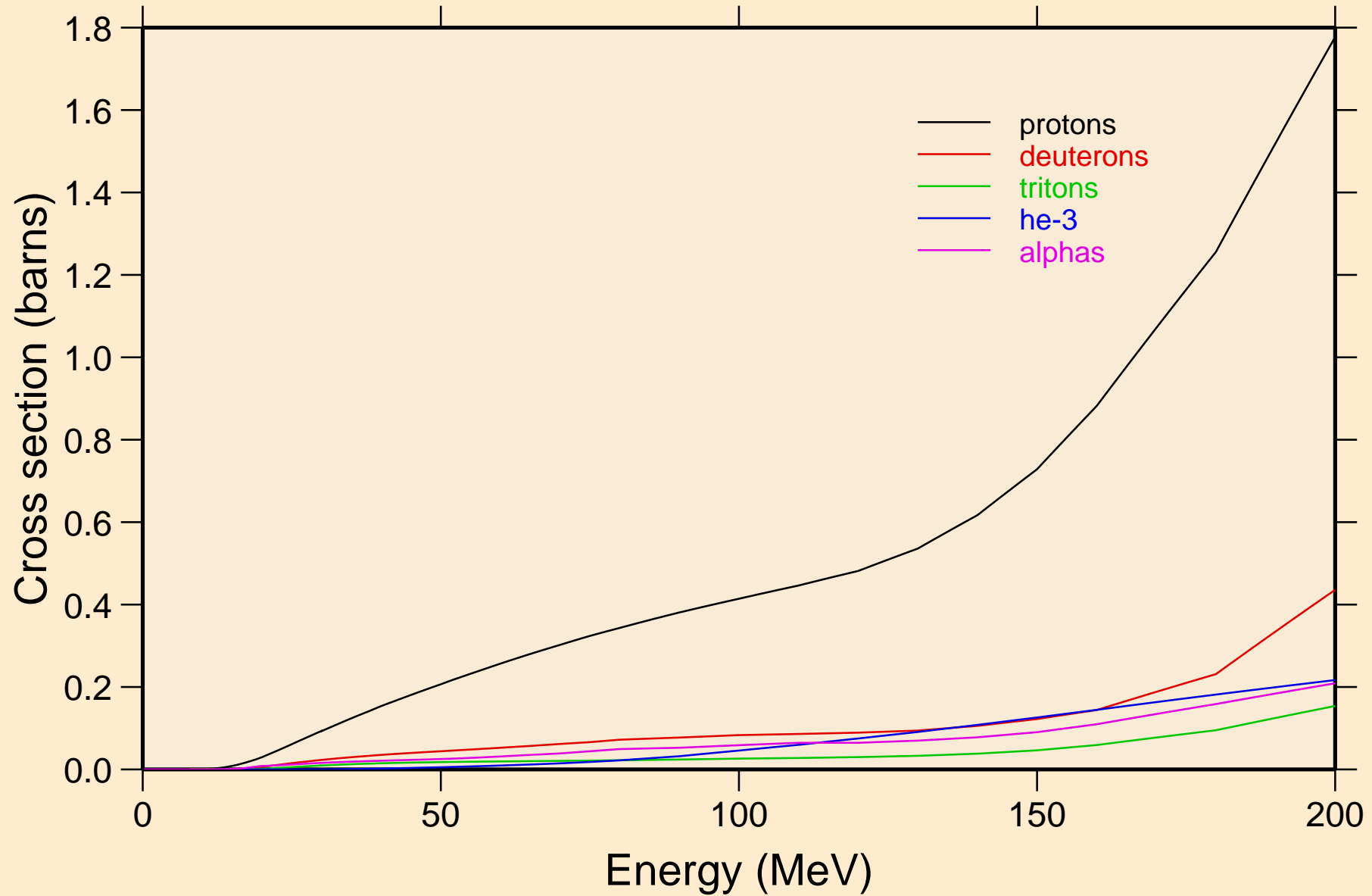
# PD111M NRG TENDL-2015, AKONING

## Recoil Heating

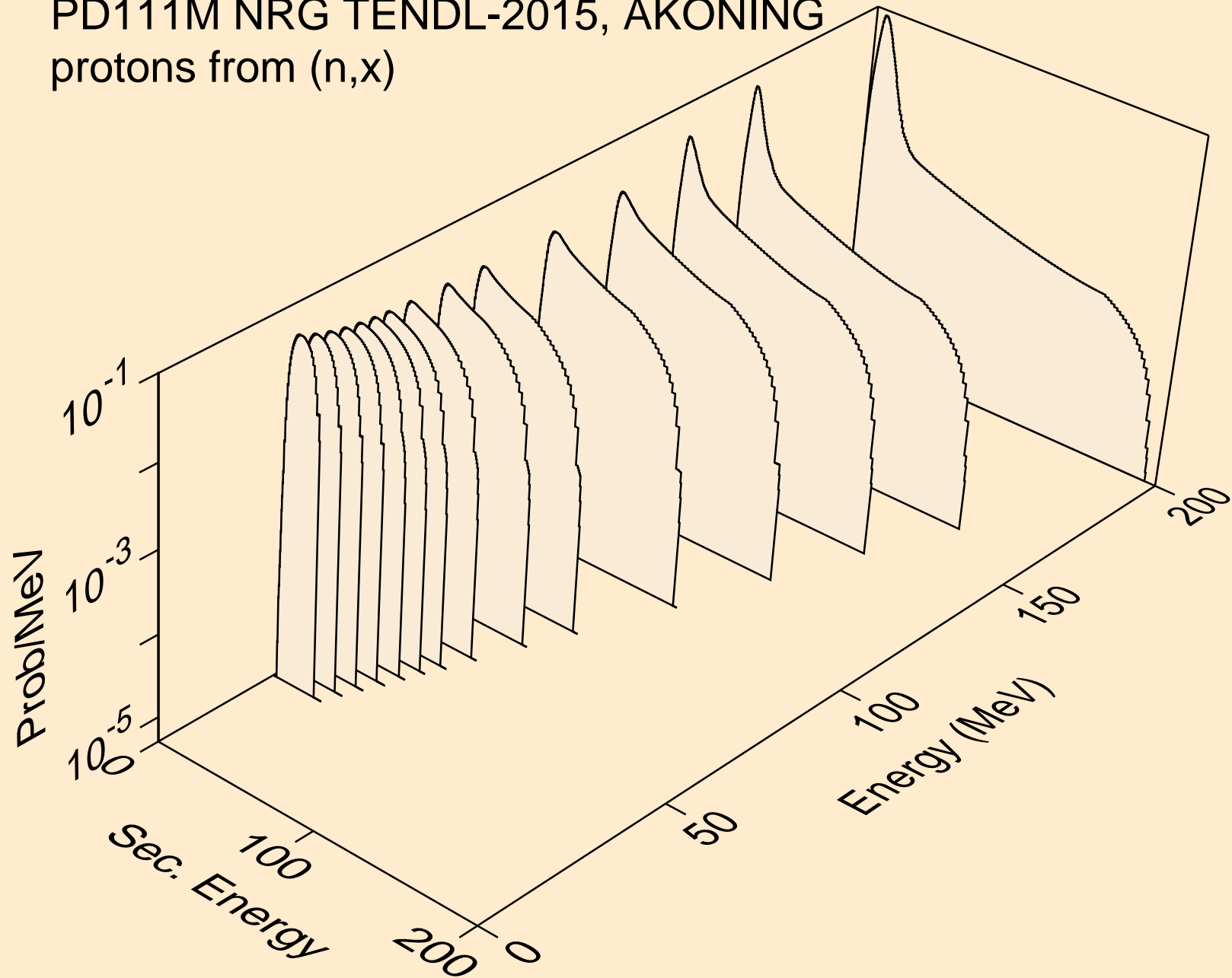


# PD111M NRG TENDL-2015, AKONING

## Particle production cross sections

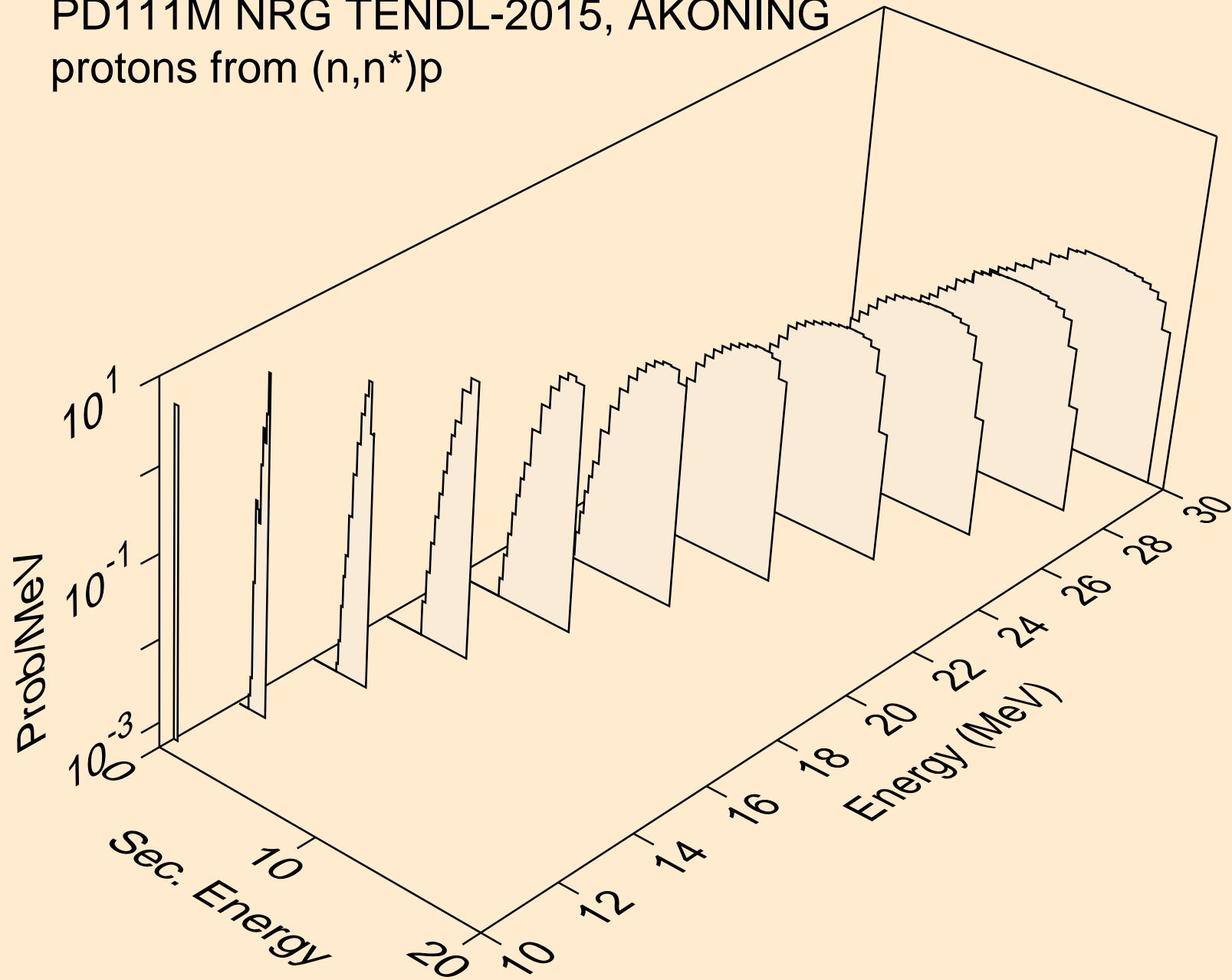


PD111M NRG TENDL-2015, AKONING  
protons from (n,x)

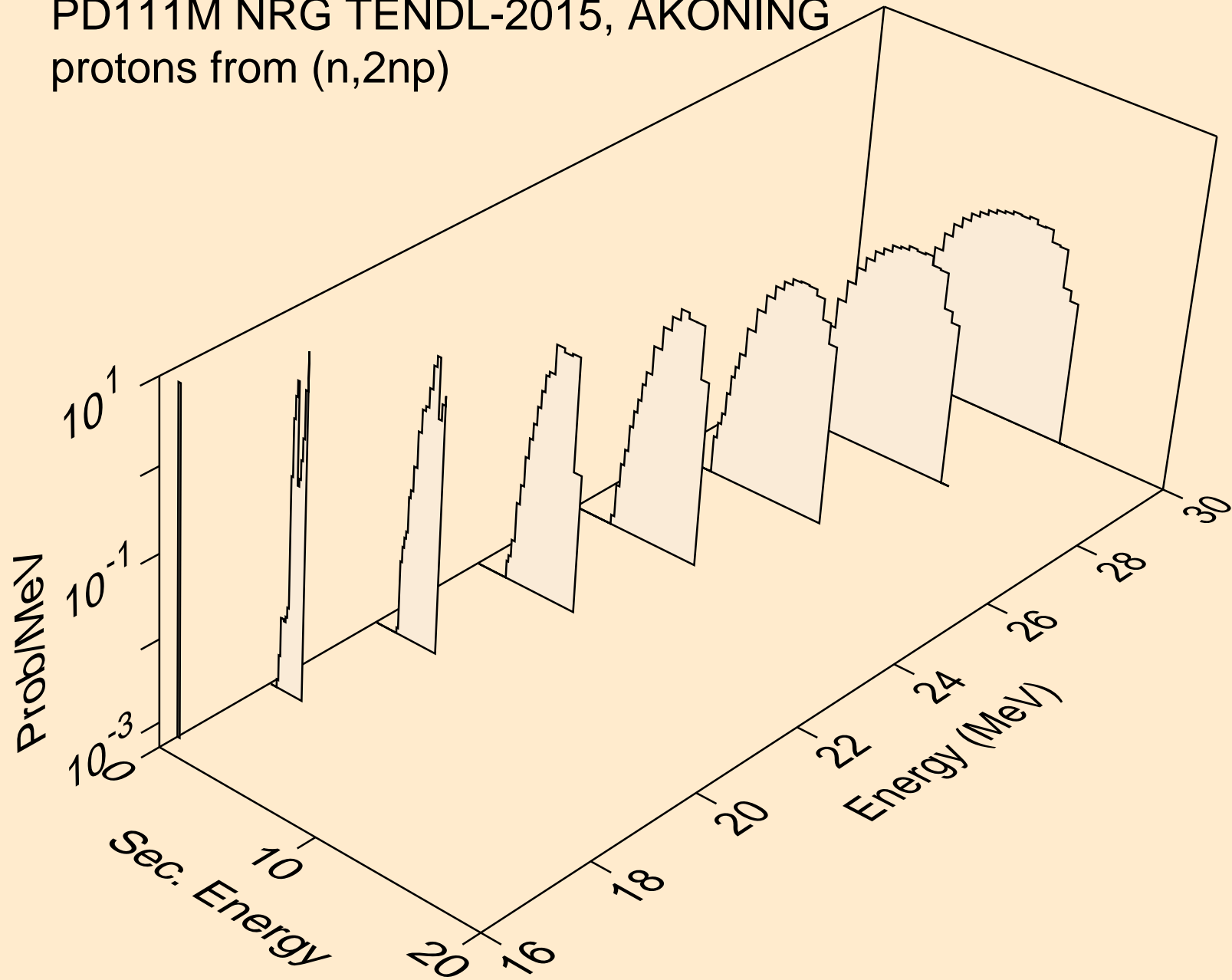




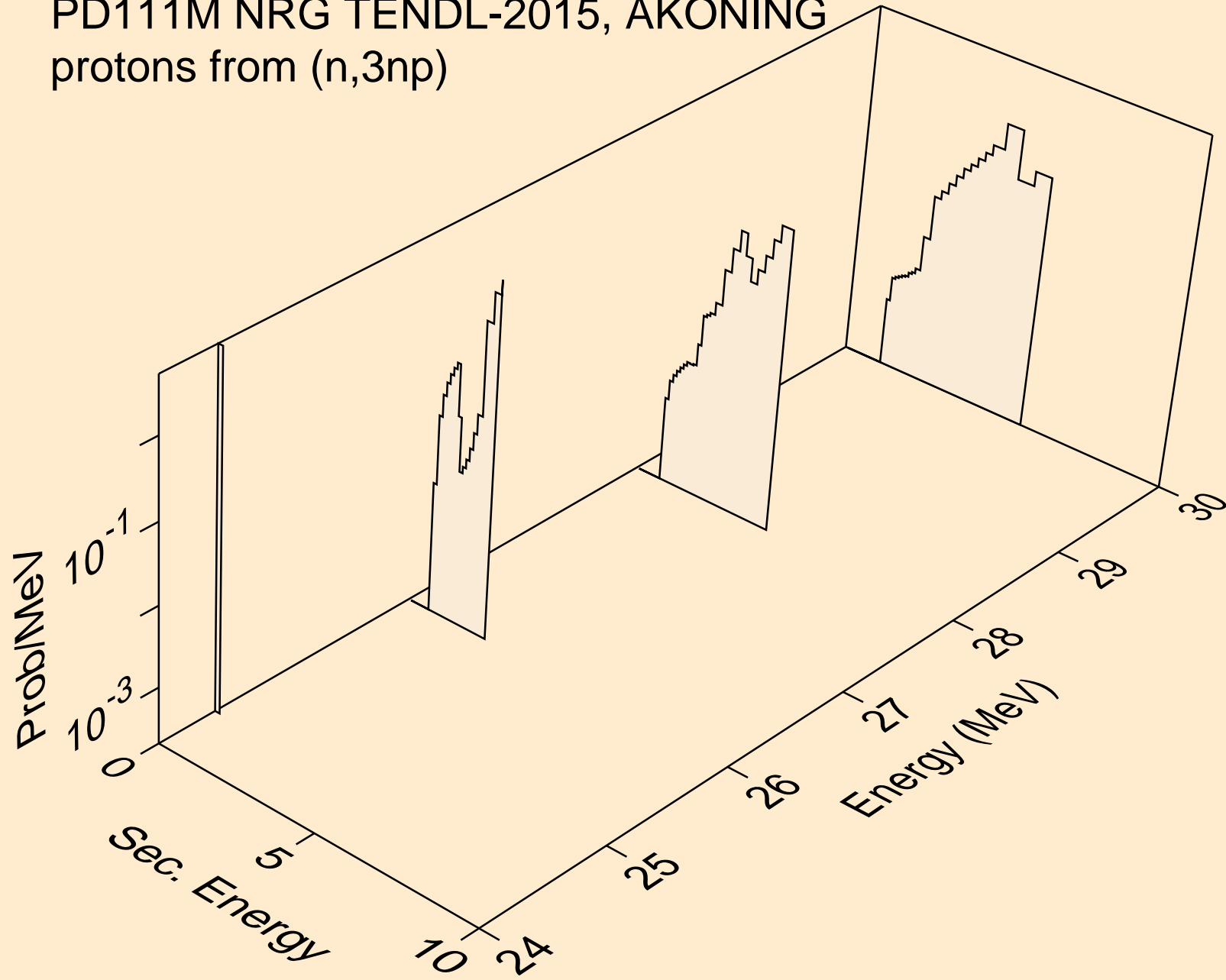
PD111M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



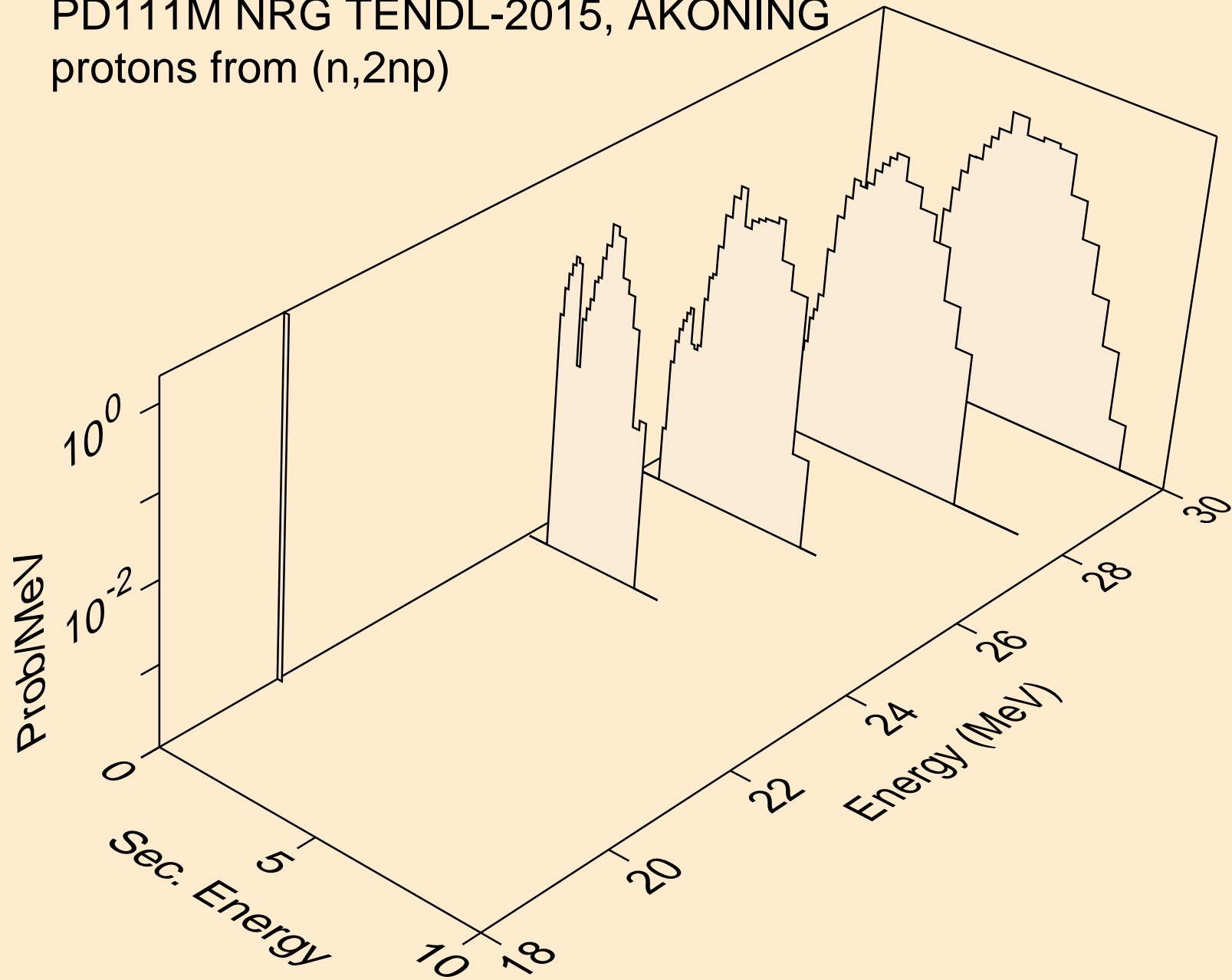
PD111M NRG TENDL-2015, AKONING  
protons from (n,2np)



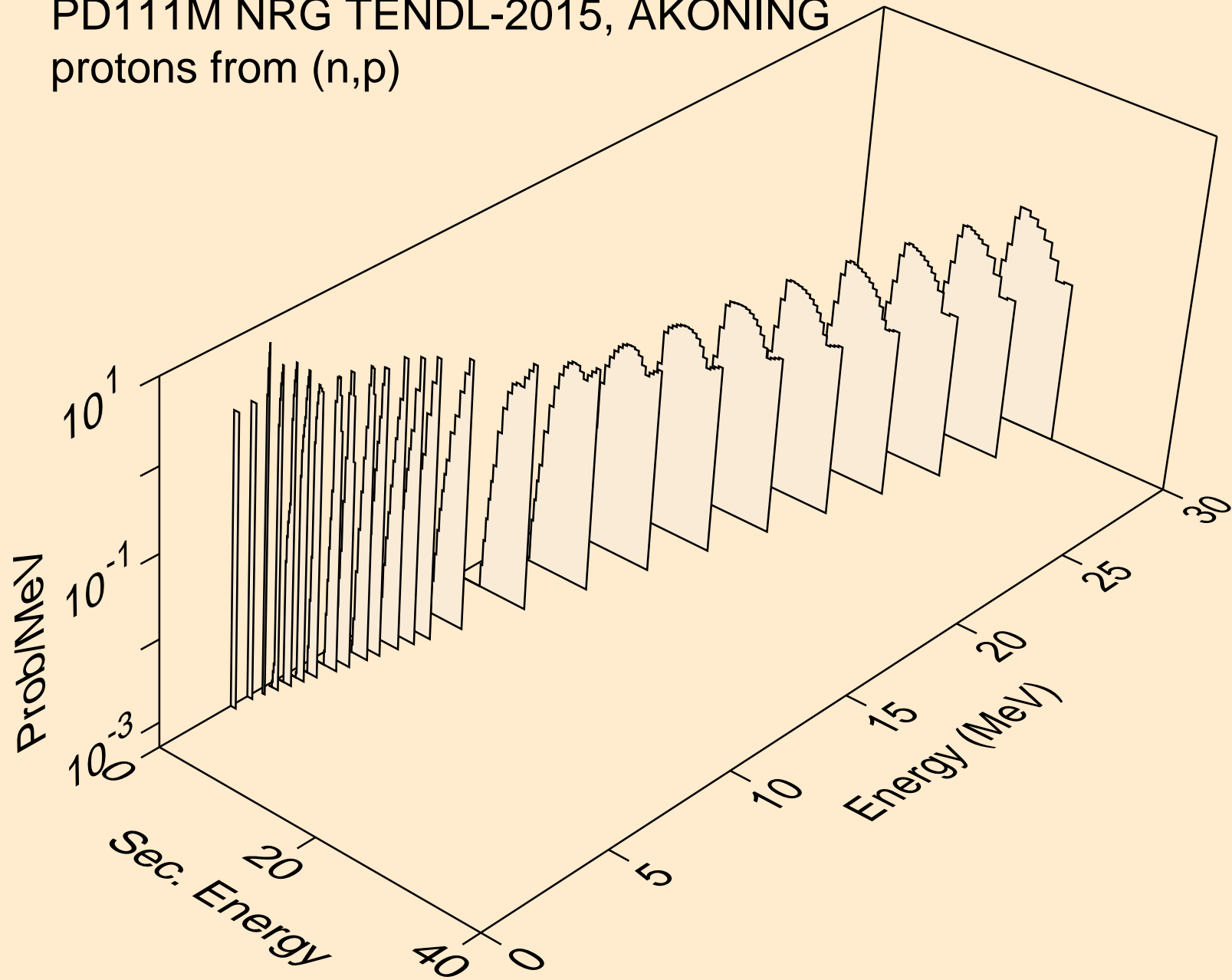
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protons from (n,3np)



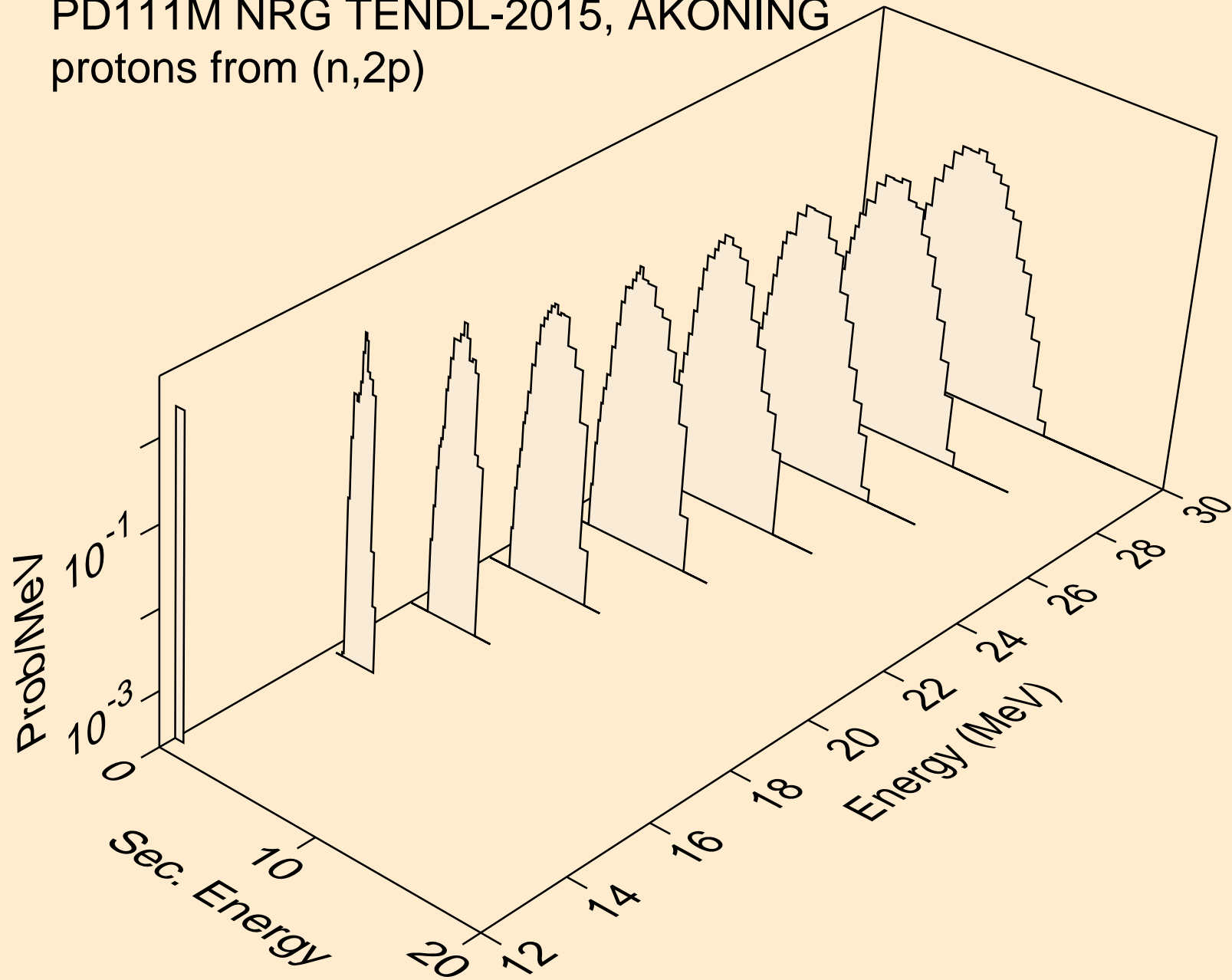
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protons from (n,2np)



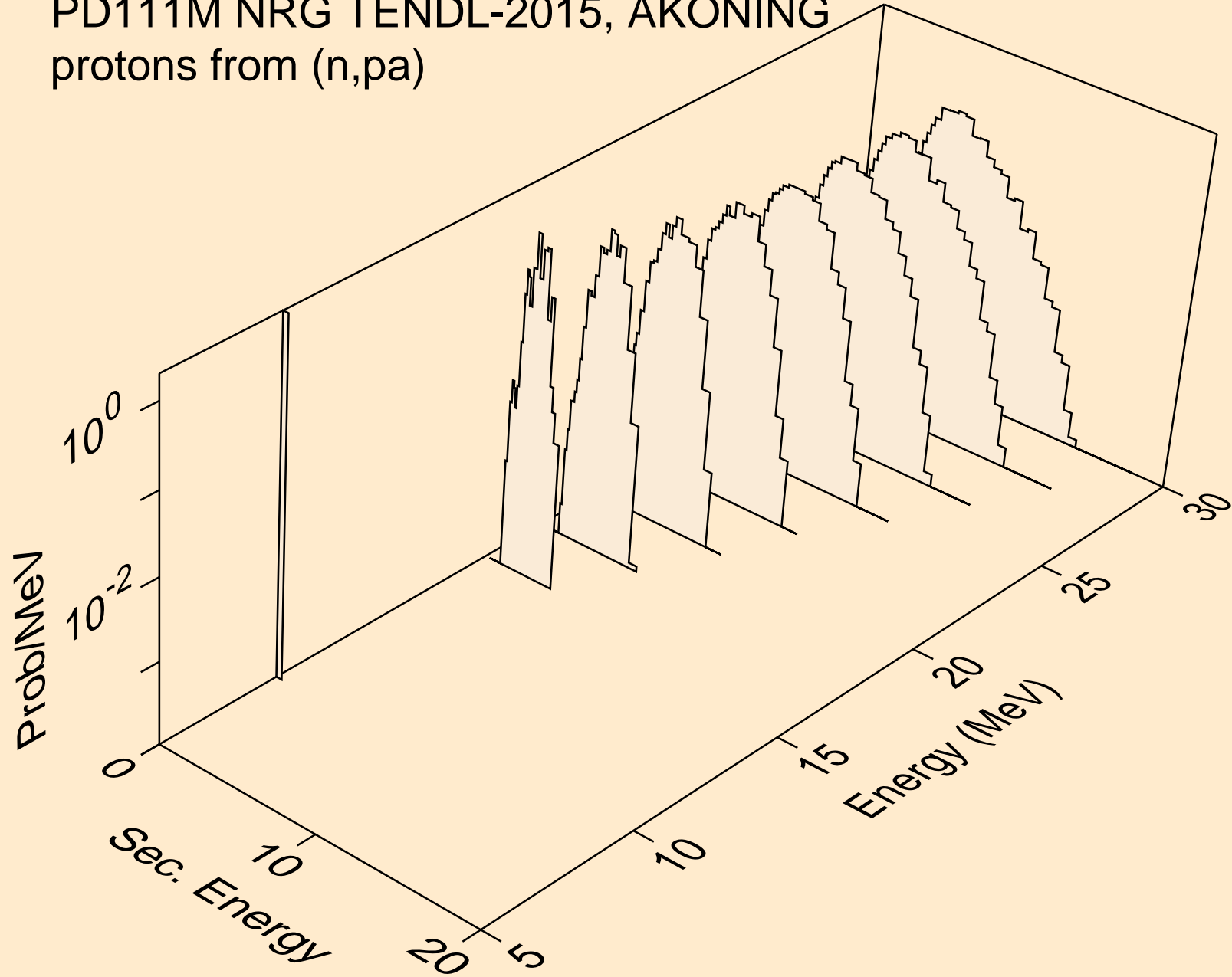
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protons from (n,p)



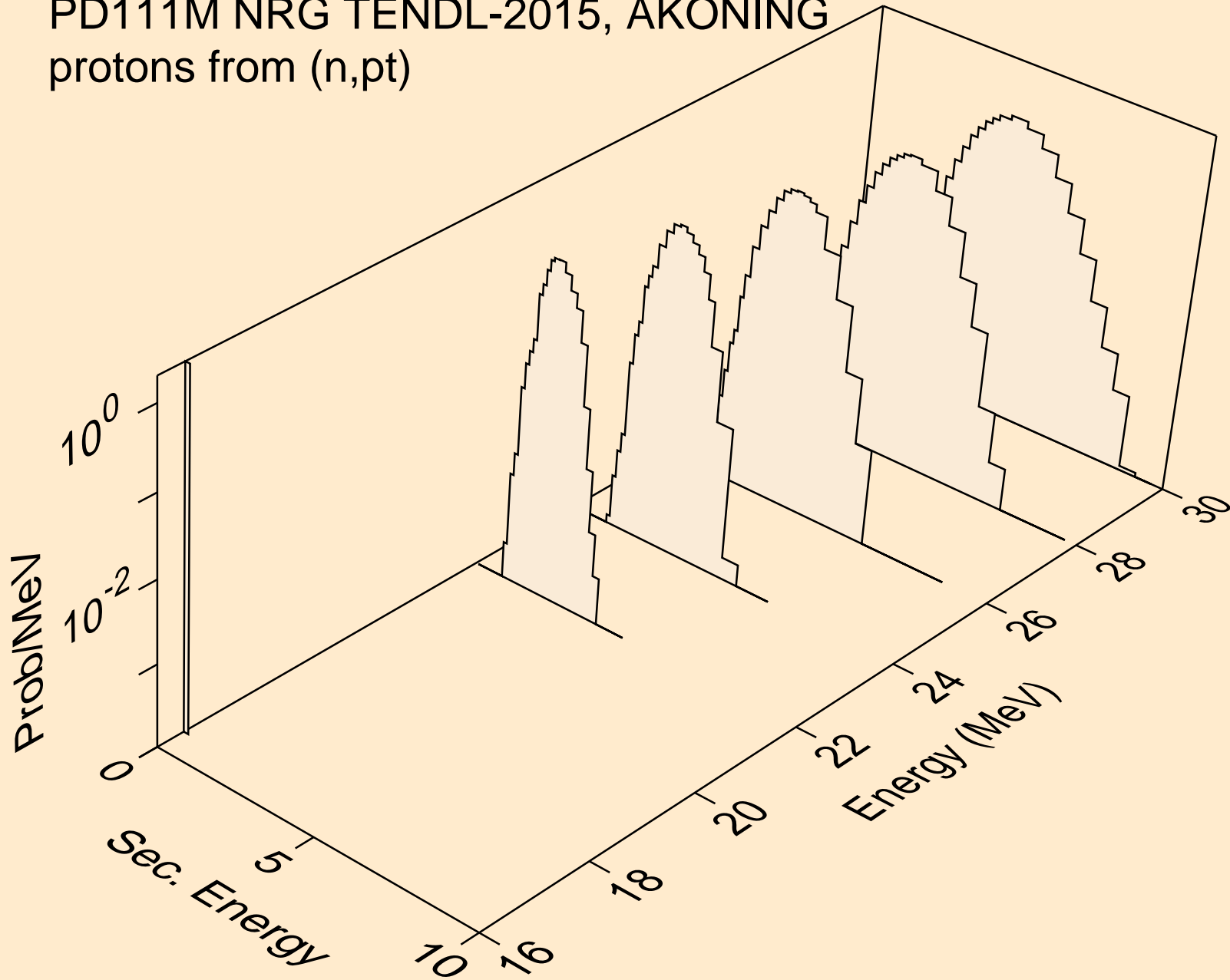
PD111M NRG TENDL-2015, AKONING  
protons from (n,2p)



PD111M NRG TENDL-2015, AKONING  
protons from (n,pa)

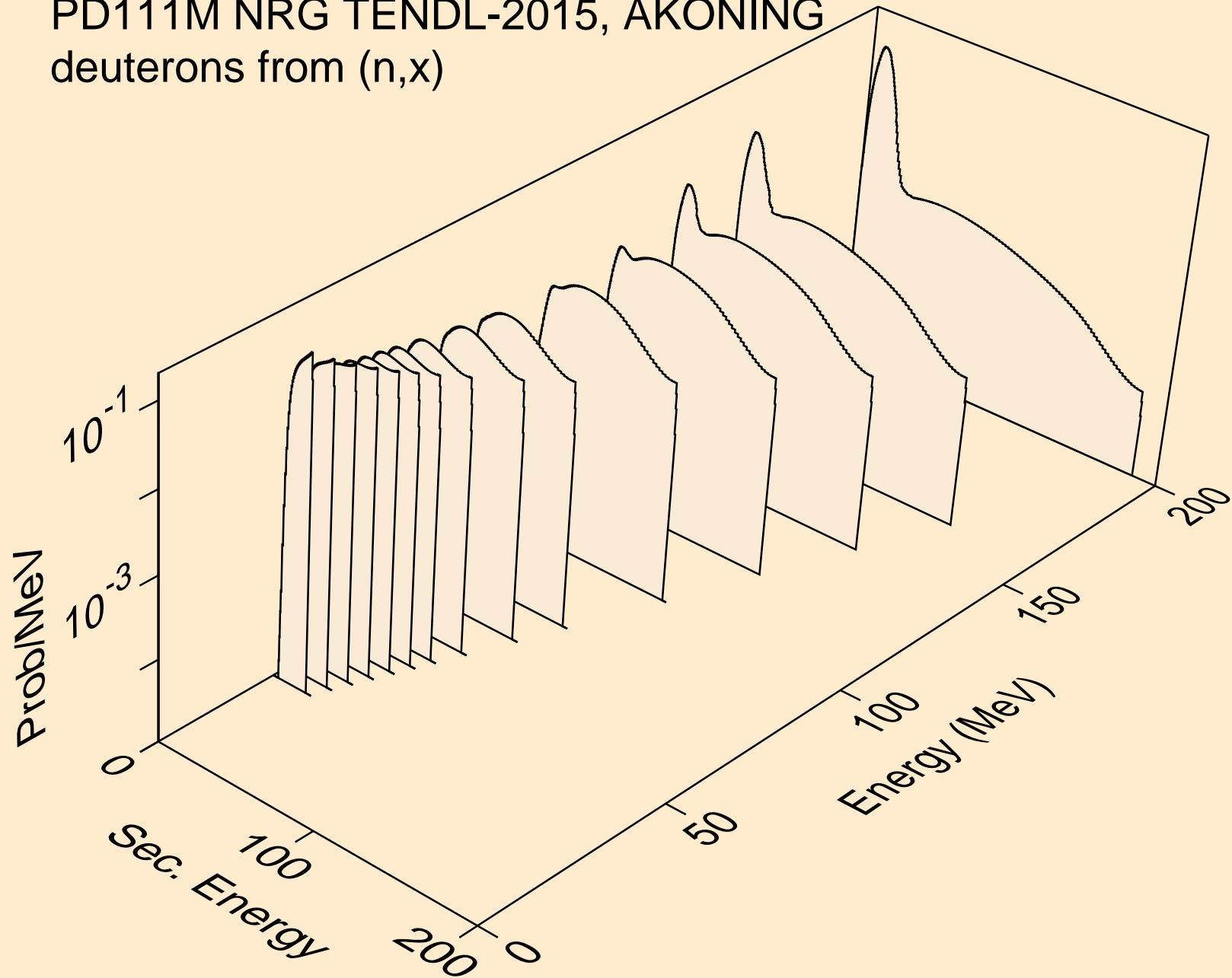


PD111M NRG TENDL-2015, AKONING  
protons from (n,pt)

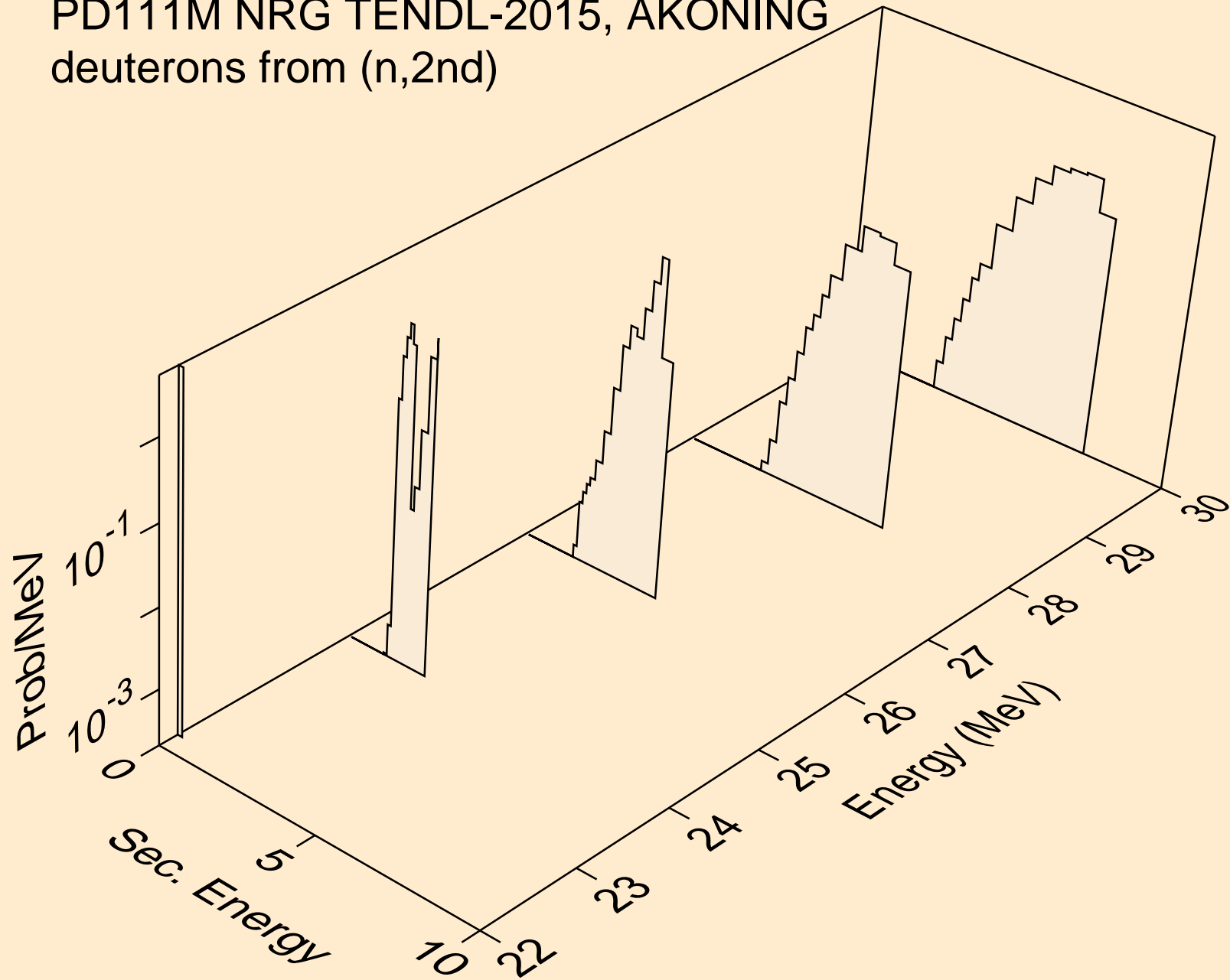




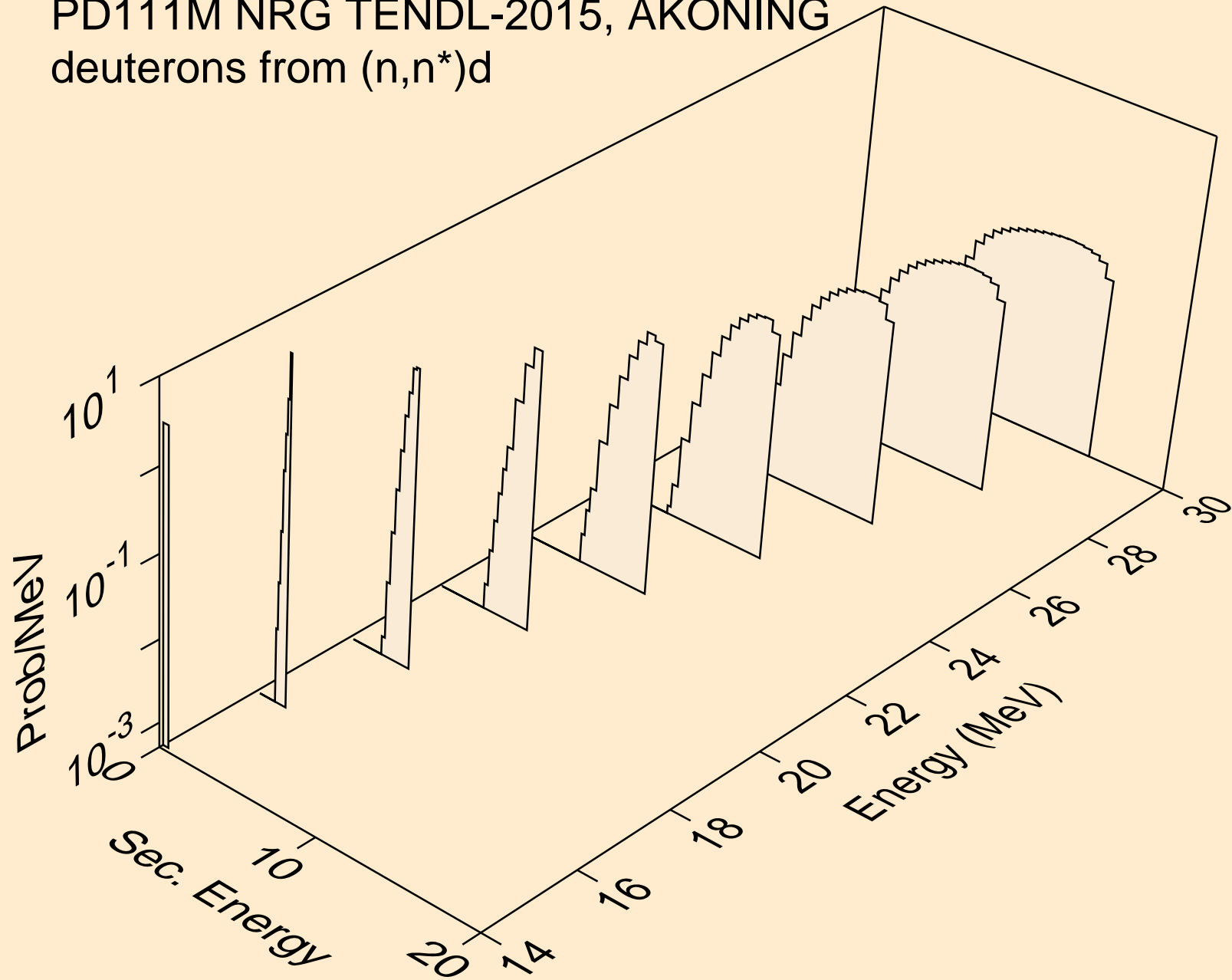
PD111M NRG TENDL-2015, AKONING  
deuterons from (n,x)



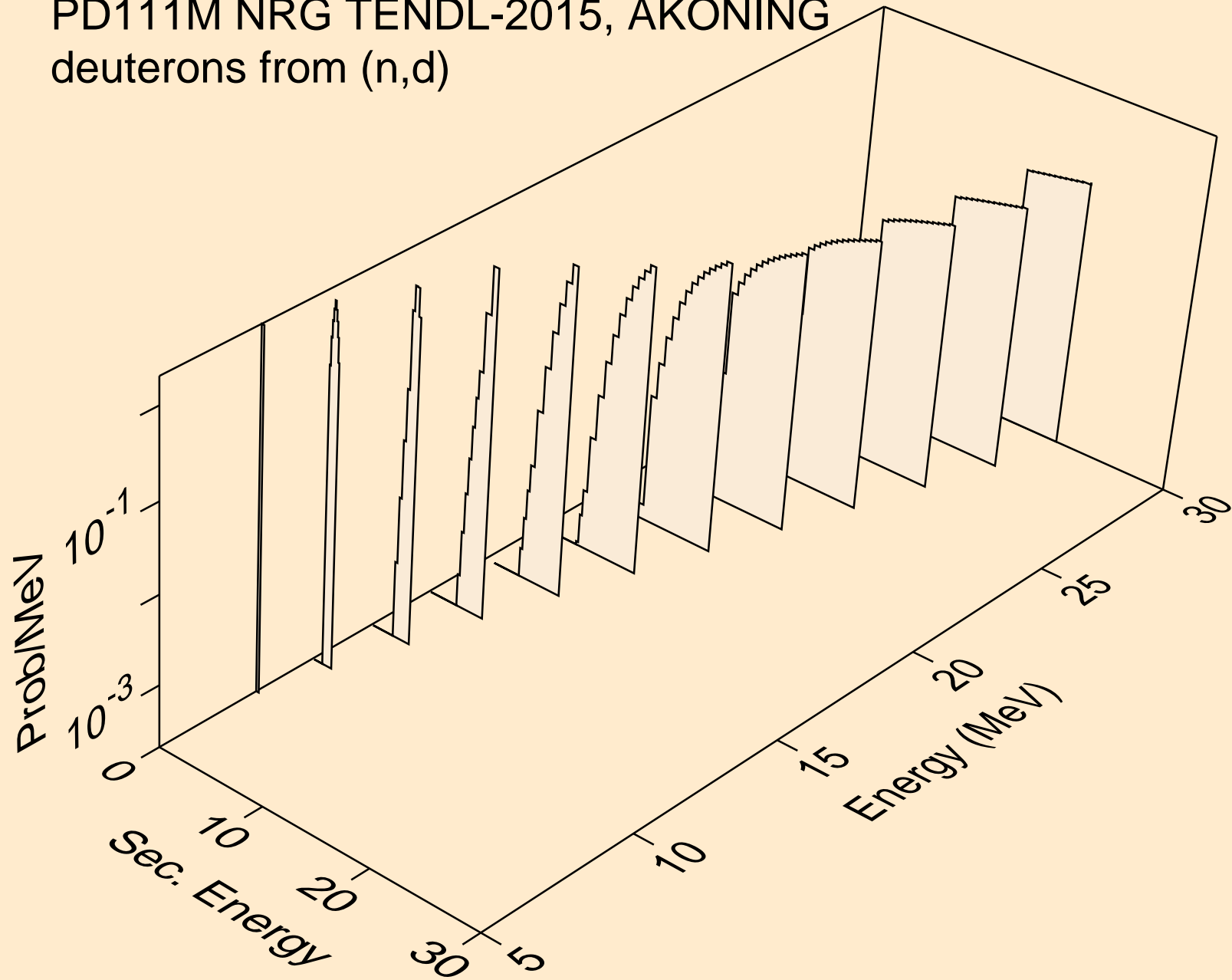
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deuterons from (n,2nd)



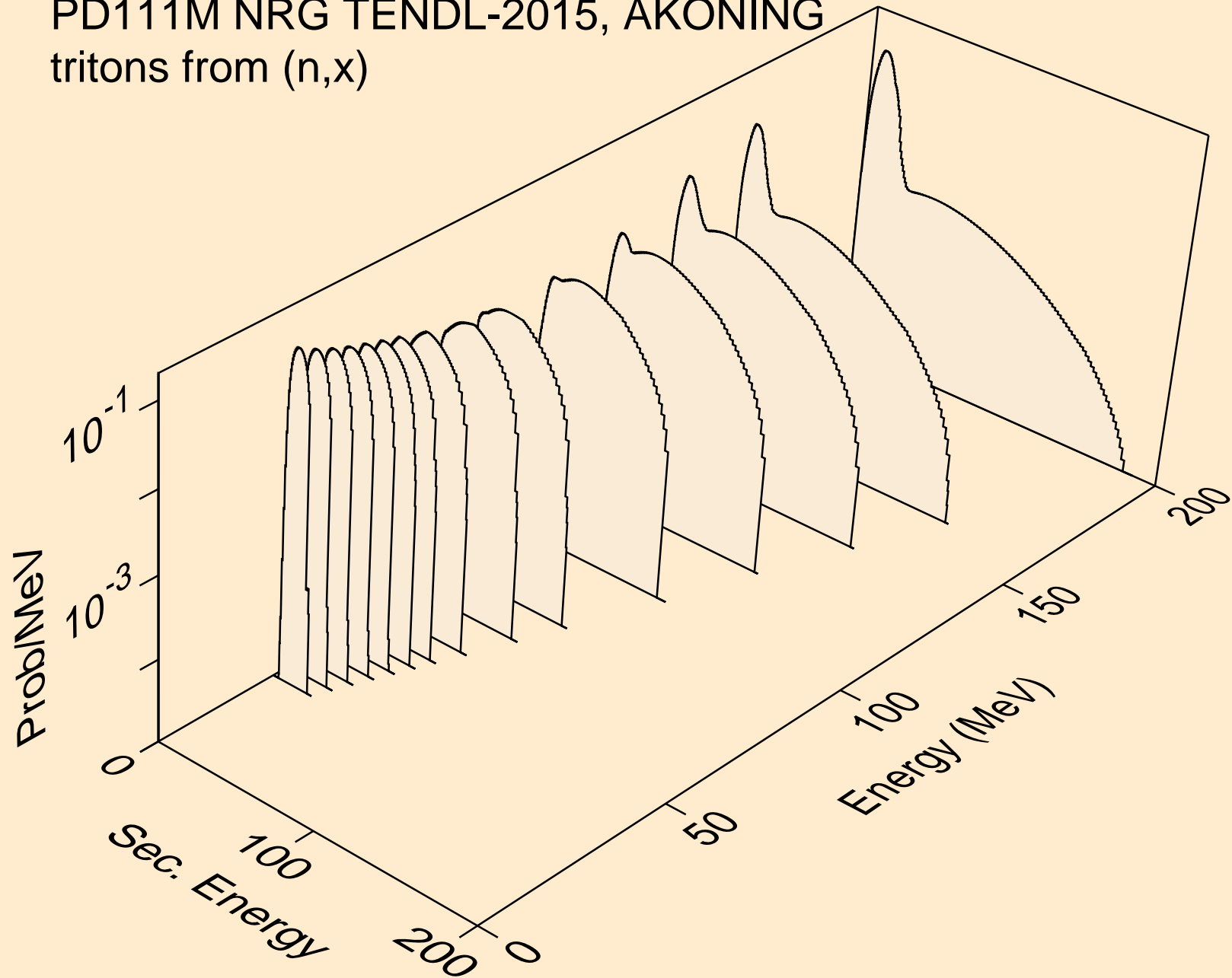
PD111M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



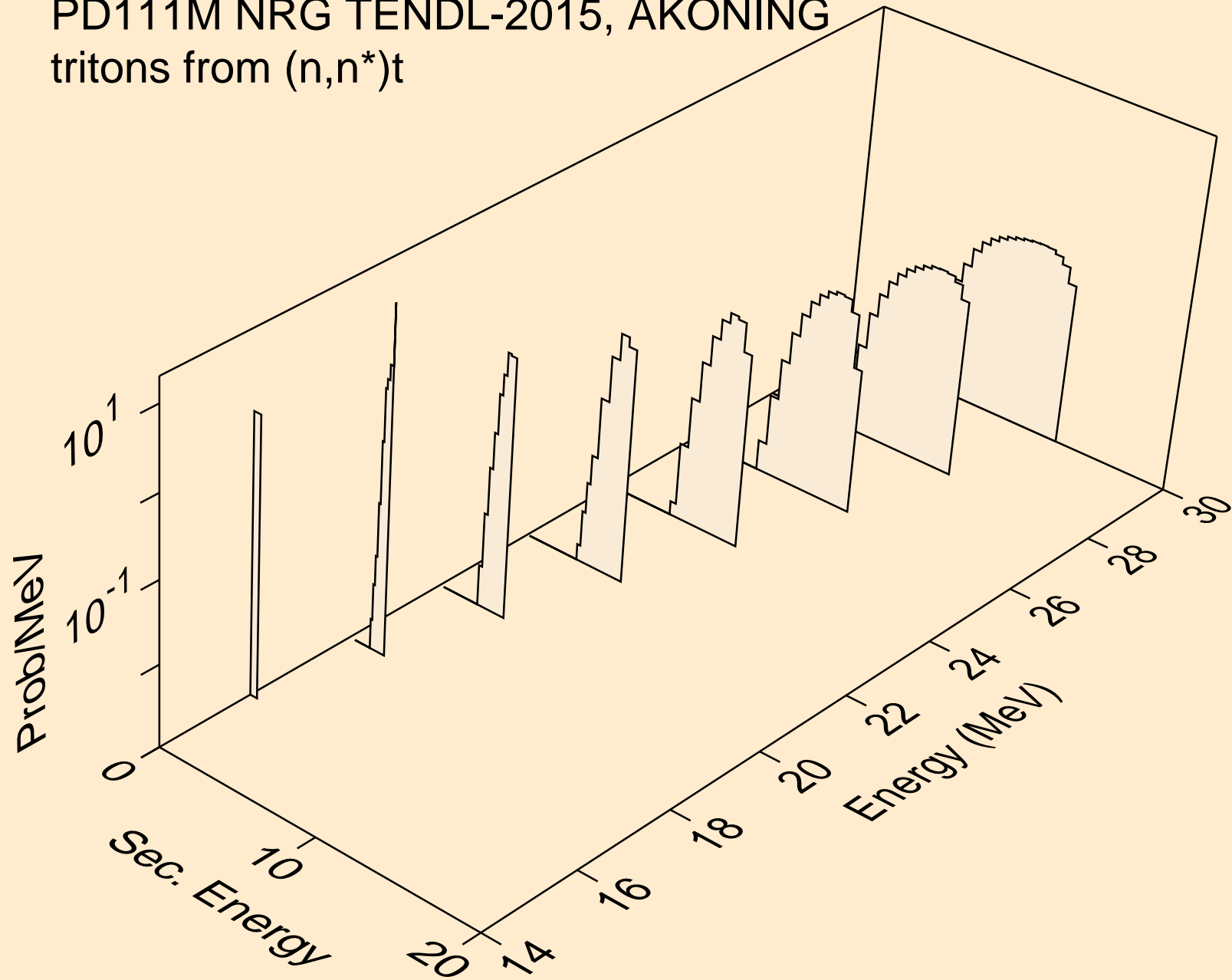
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deuterons from (n,d)



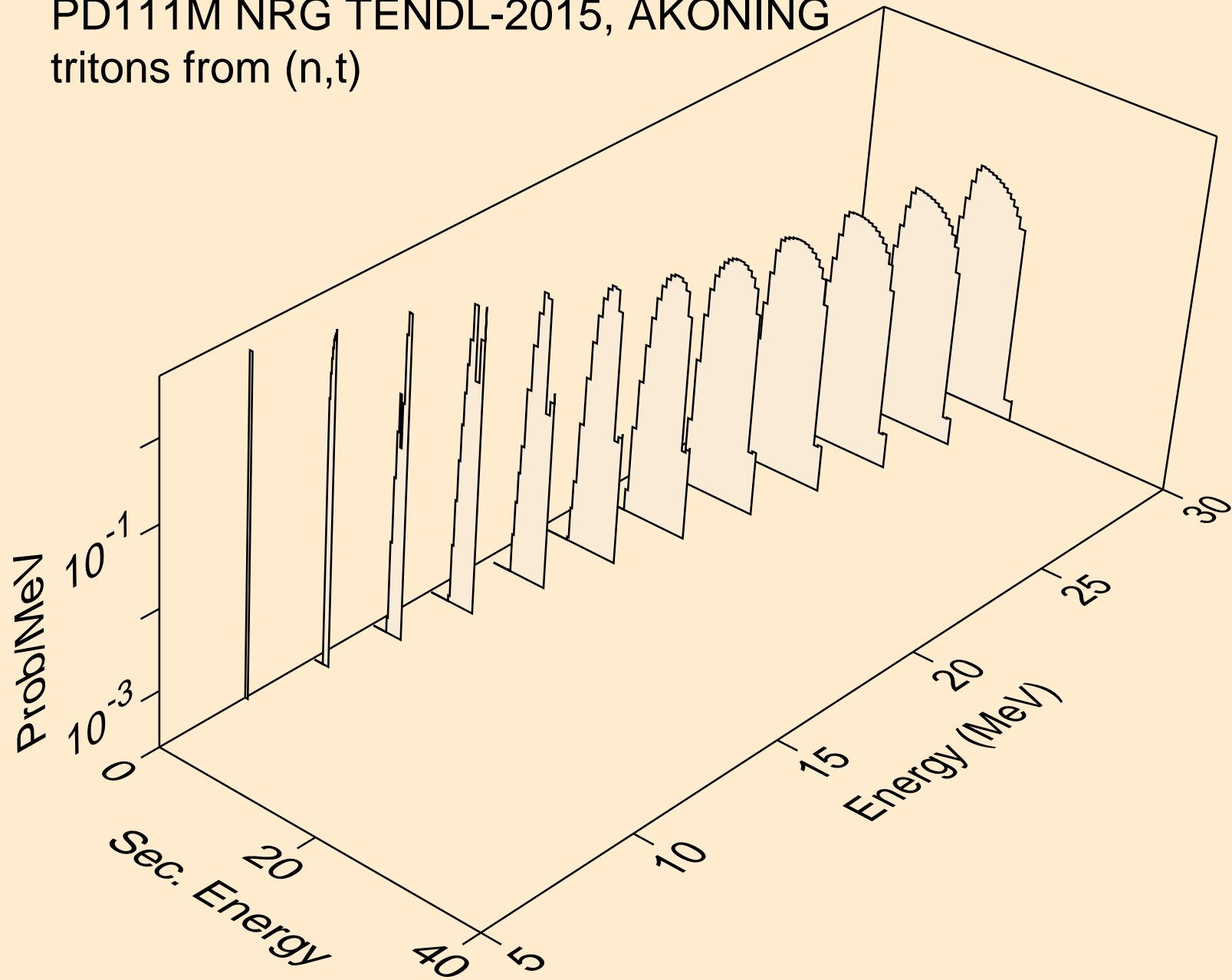
PD111M NRG TENDL-2015, AKONING  
tritons from (n,x)



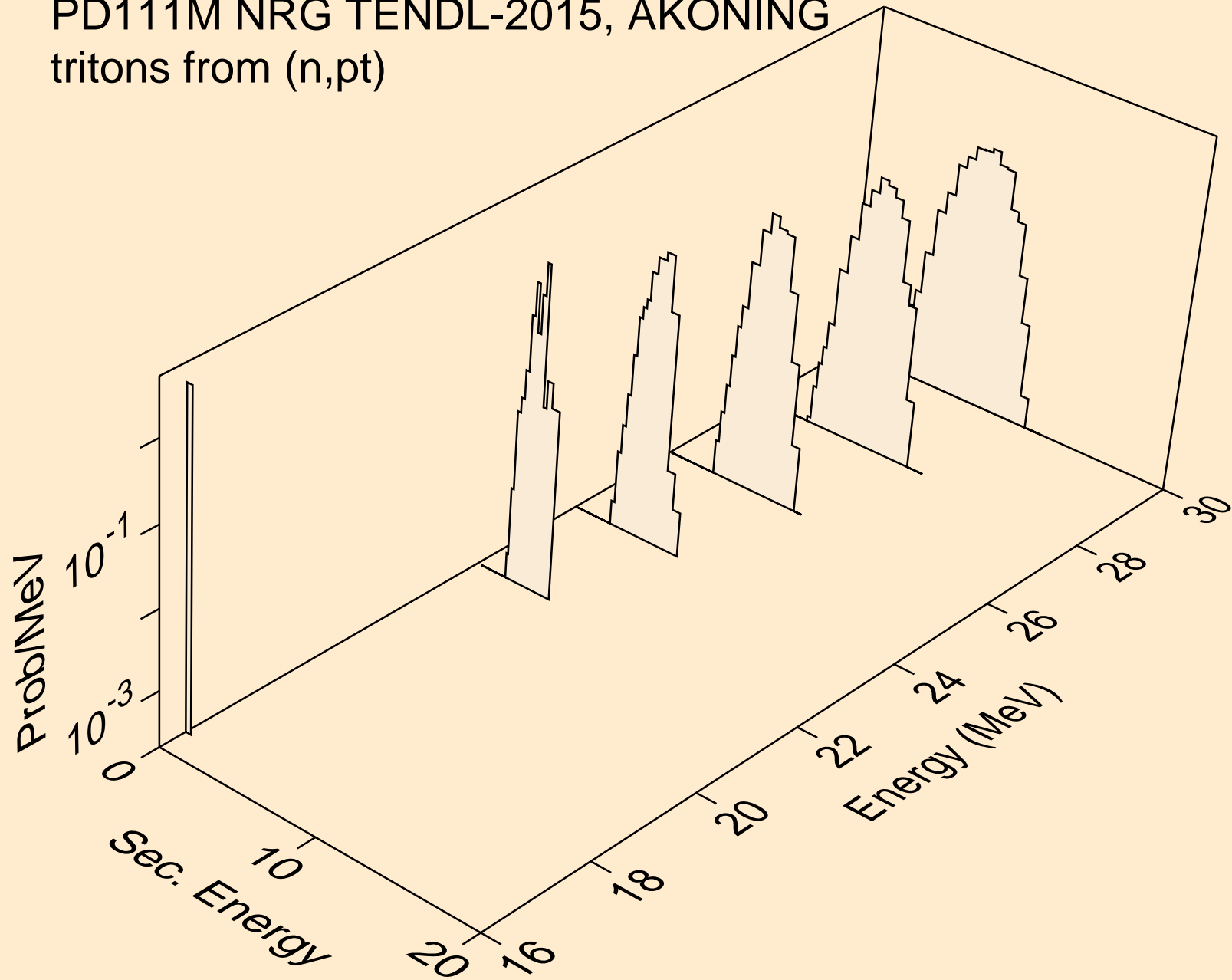
PD111M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



PD111M NRG TENDL-2015, AKONING  
tritons from (n,t)

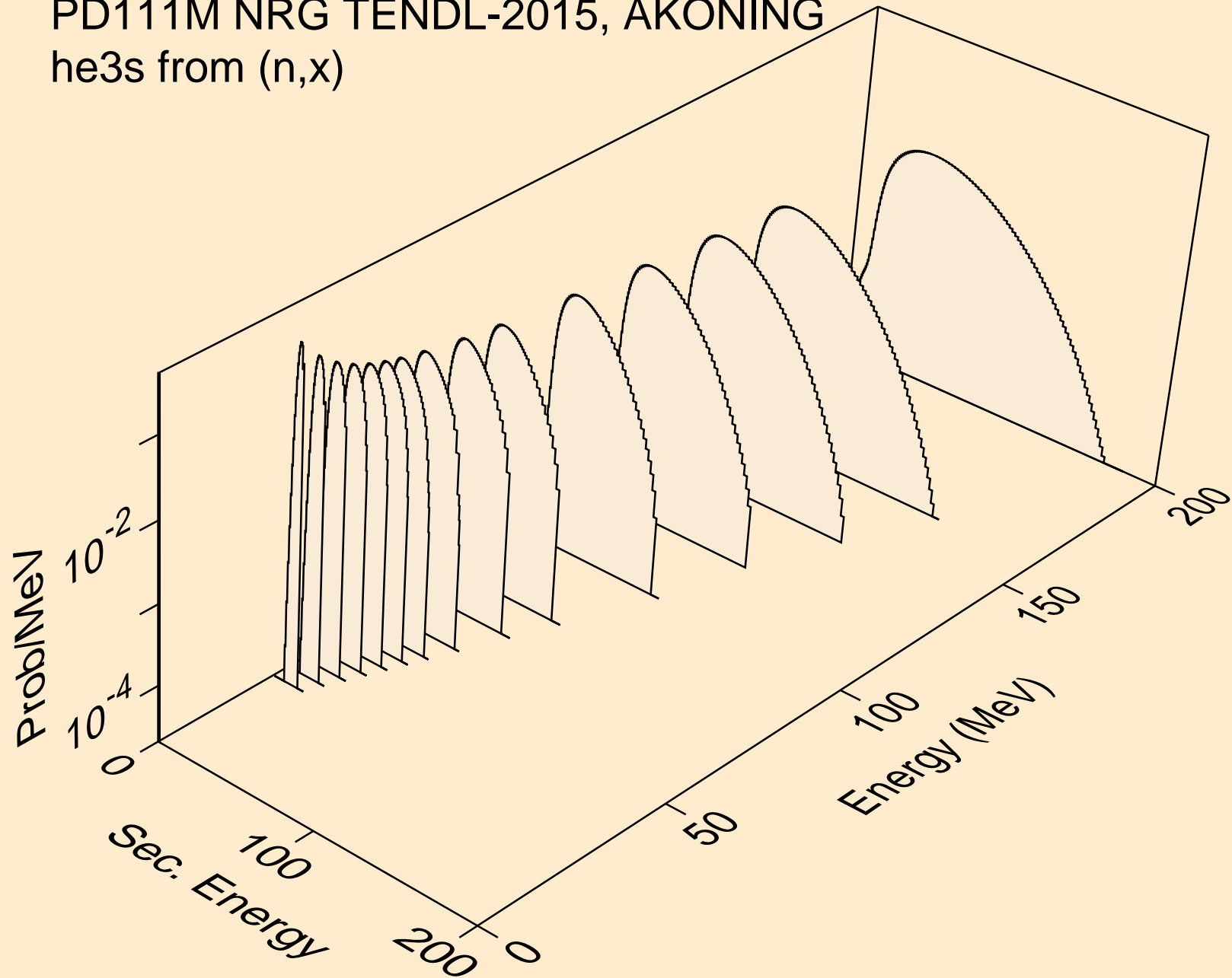


PD111M NRG TENDL-2015, AKONING  
tritons from (n,pt)

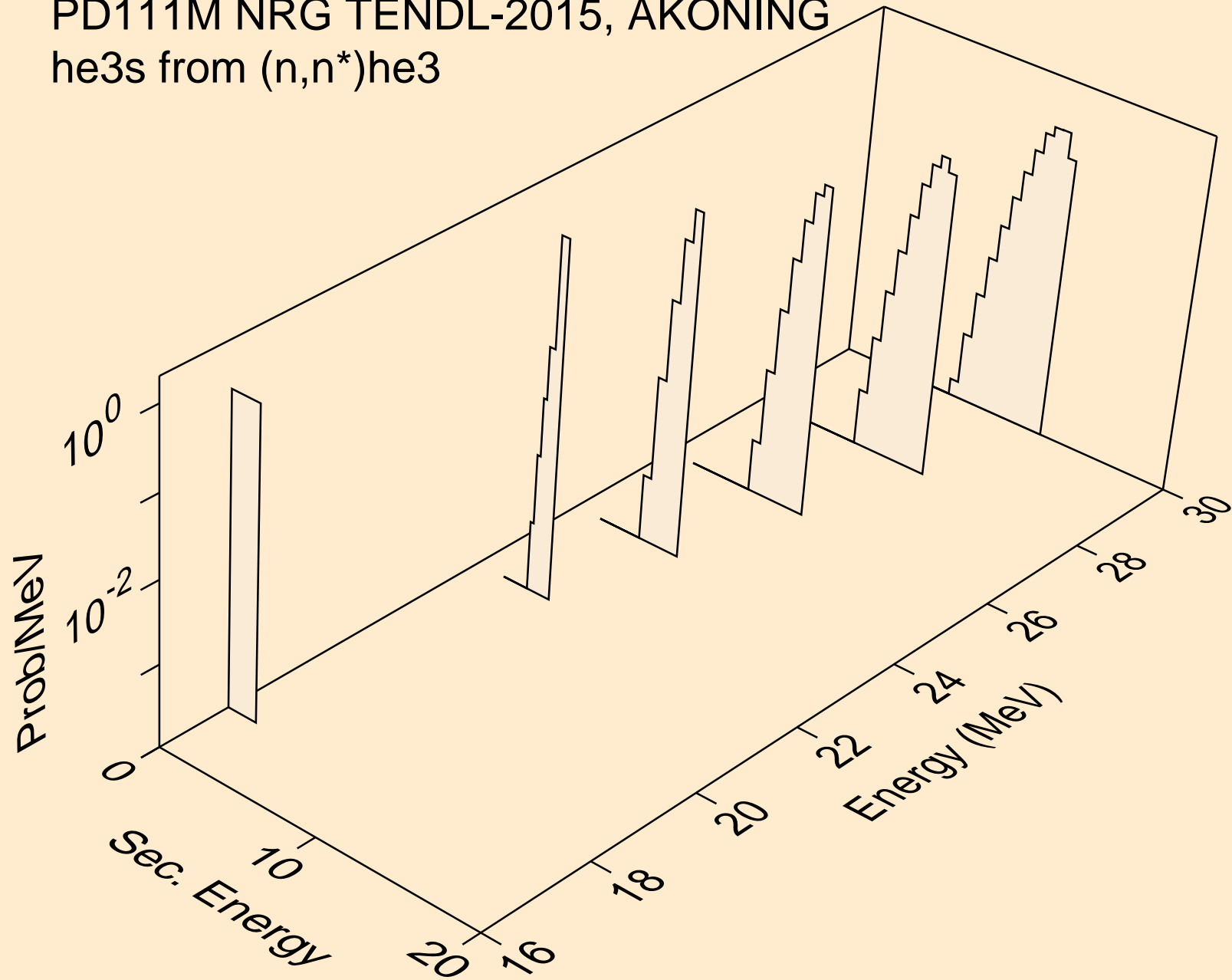




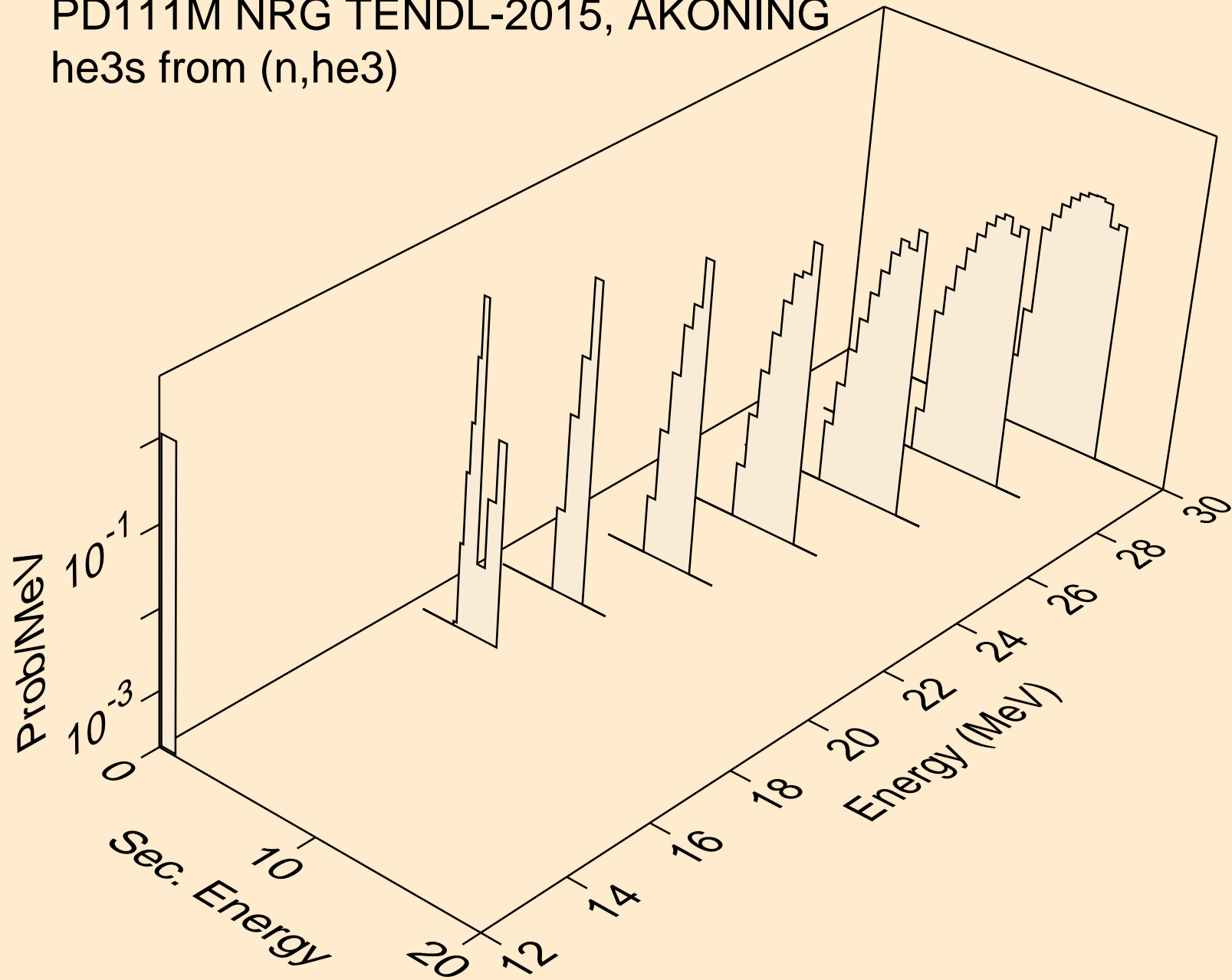
PD111M NRG TENDL-2015, AKONING  
he3s from (n,x)



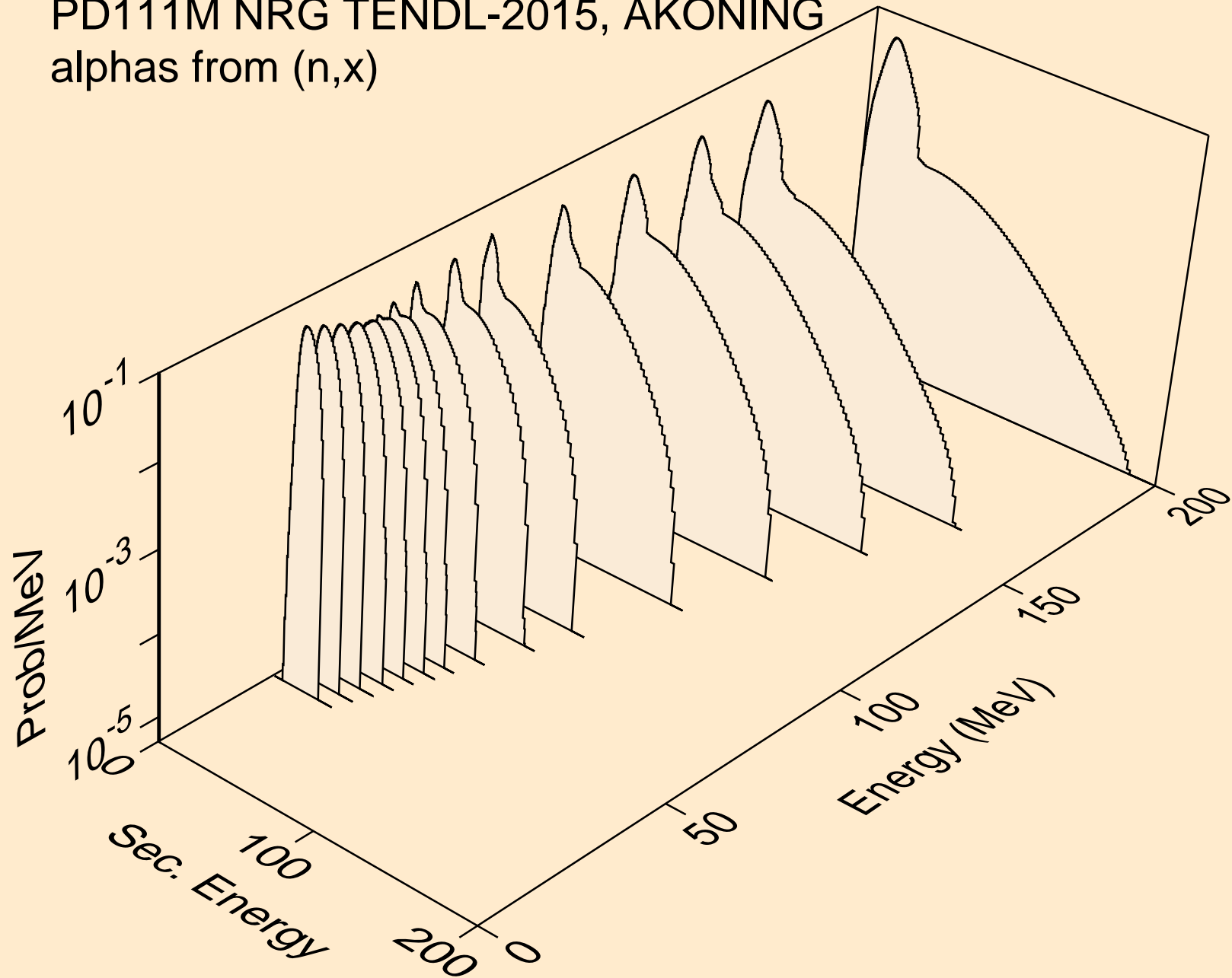
PD111M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



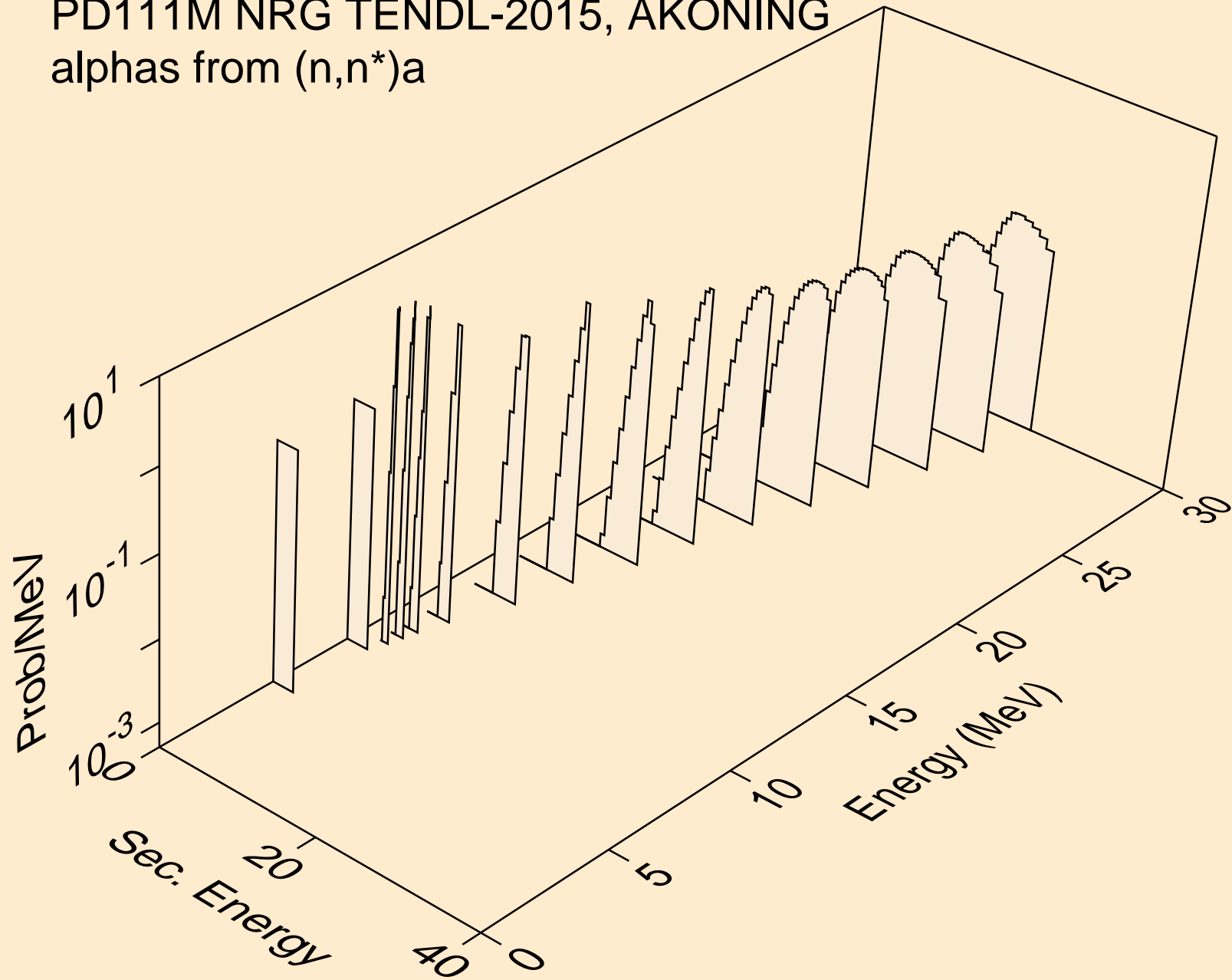
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he3s from (n,he3)



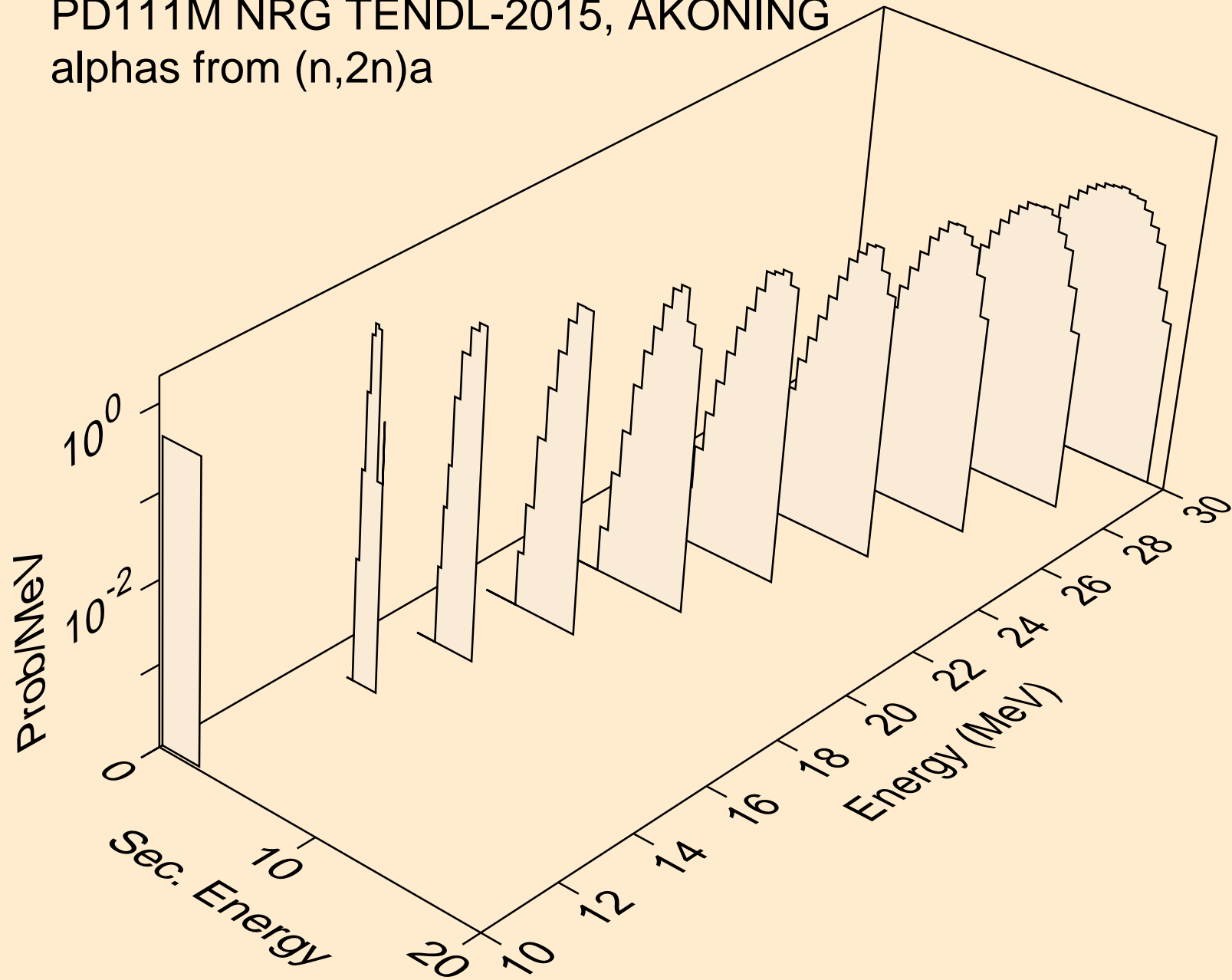
PD111M NRG TENDL-2015, AKONING  
alphas from (n,x)



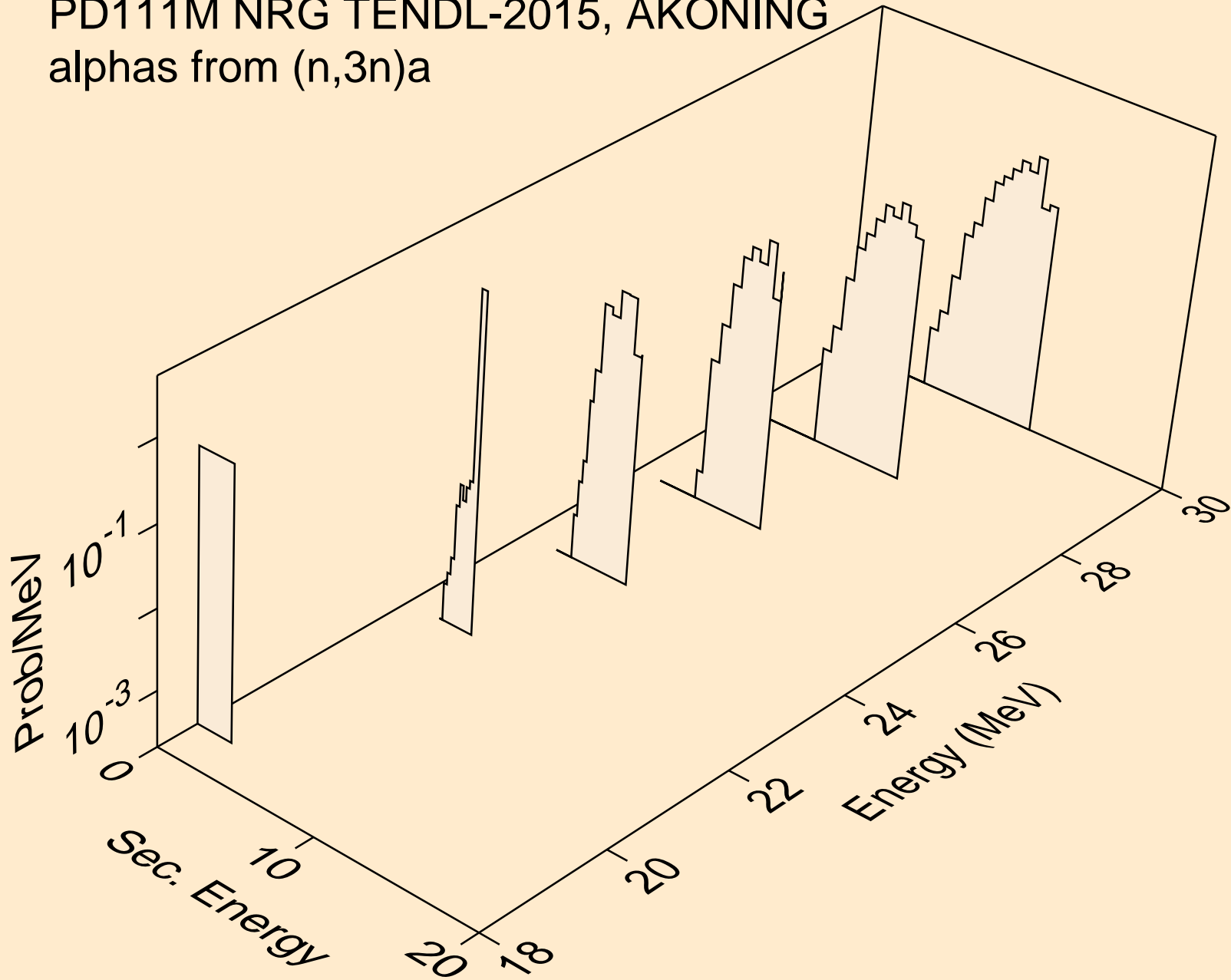
PD111M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



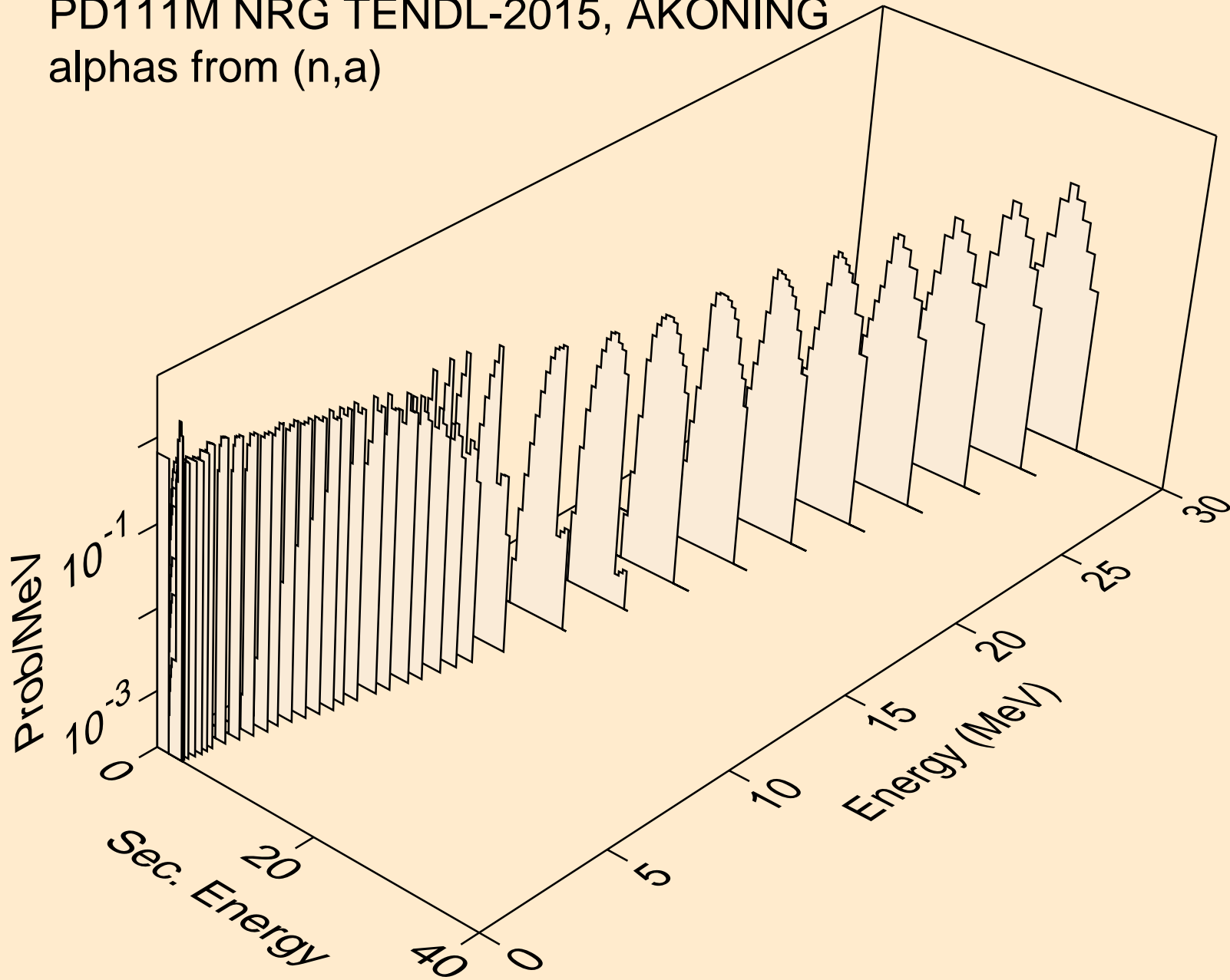
PD111M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



PD111M NRG TENDL-2015, AKONING  
alphas from (n,3n)a

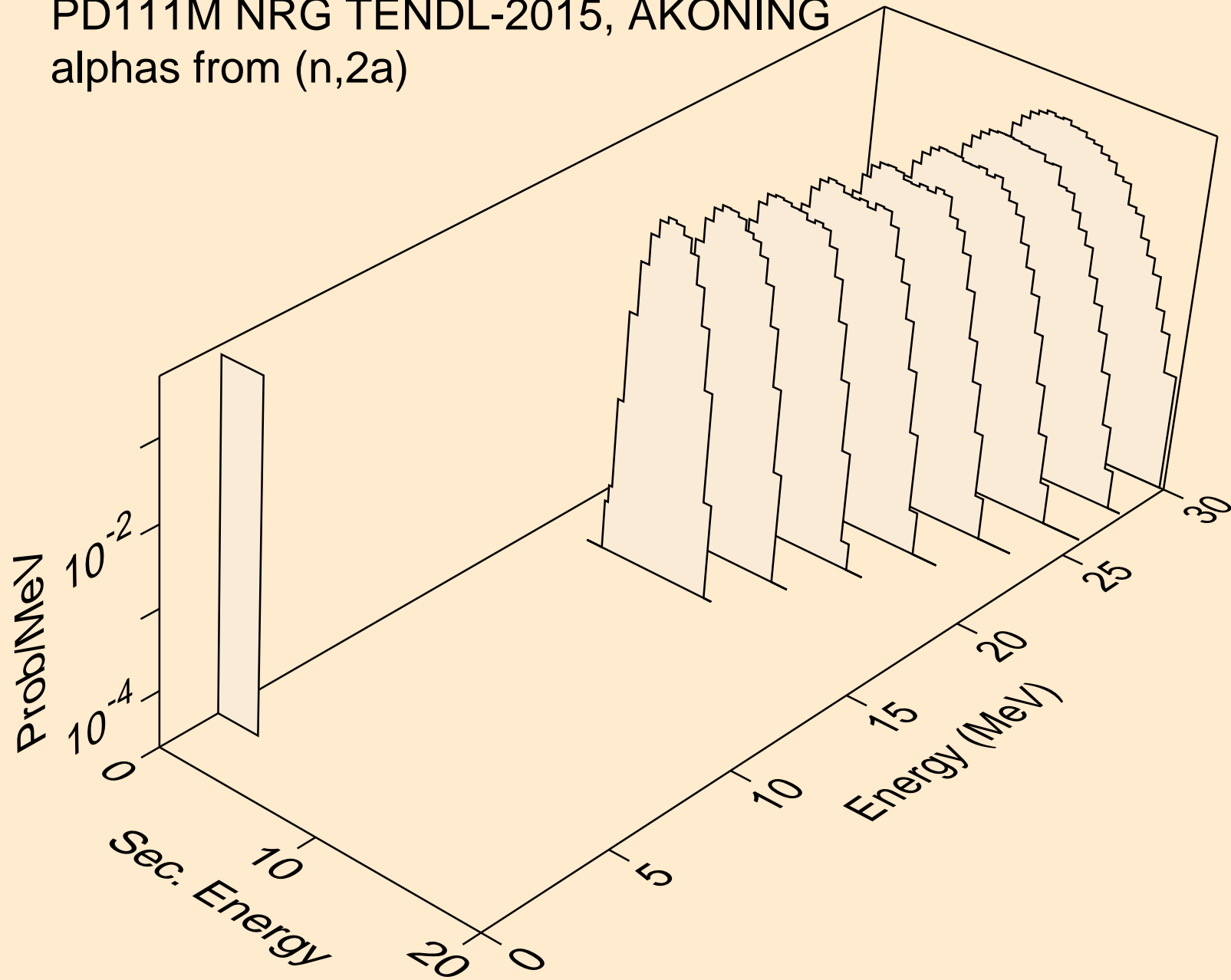


PD111M NRG TENDL-2015, AKONING  
alphas from (n,a)





PD111M NRG TENDL-2015, AKONING  
alphas from (n,2a)



PD111M NRG TENDL-2015, AKONING  
alphas from (n,pa)

