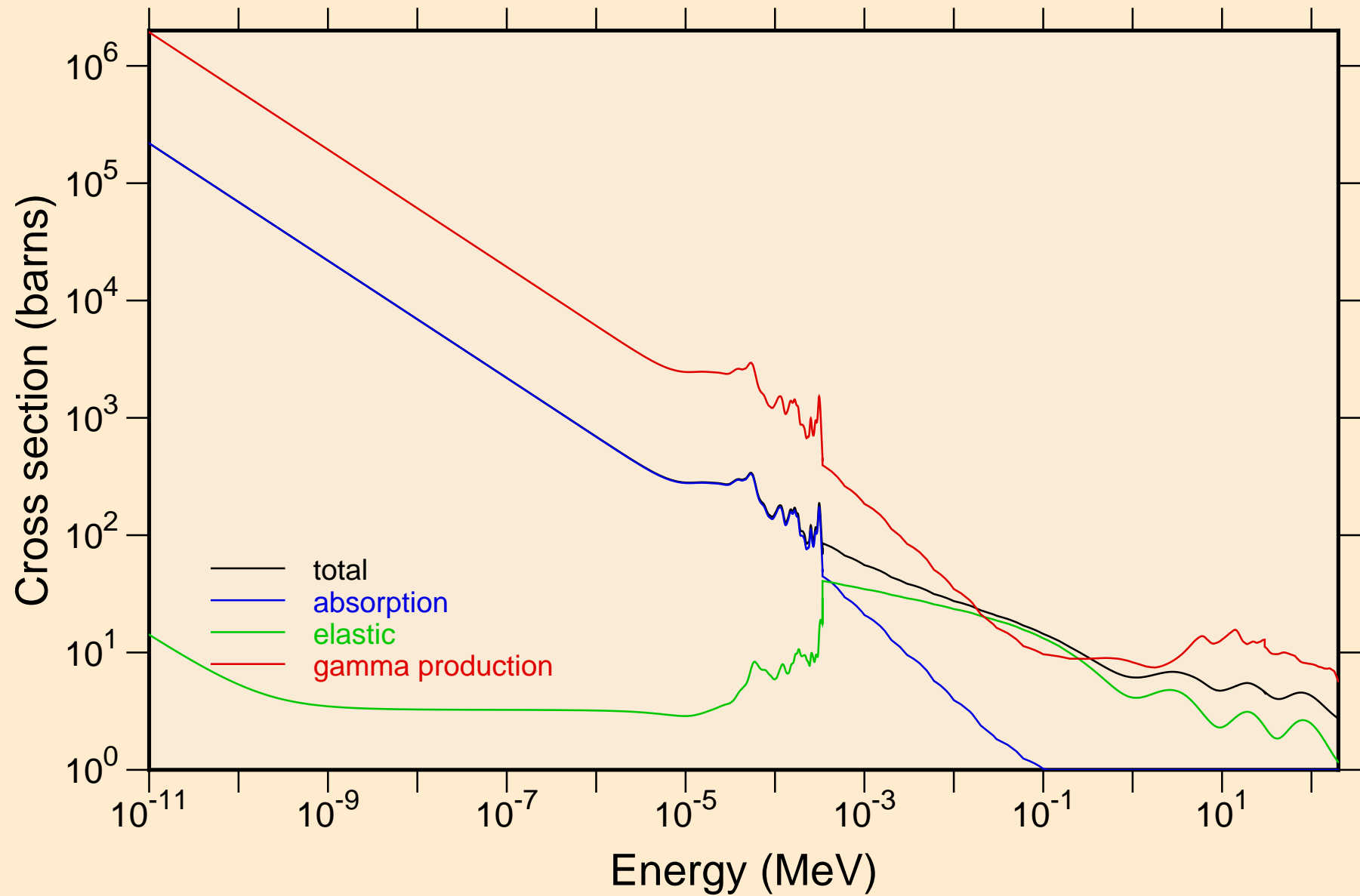
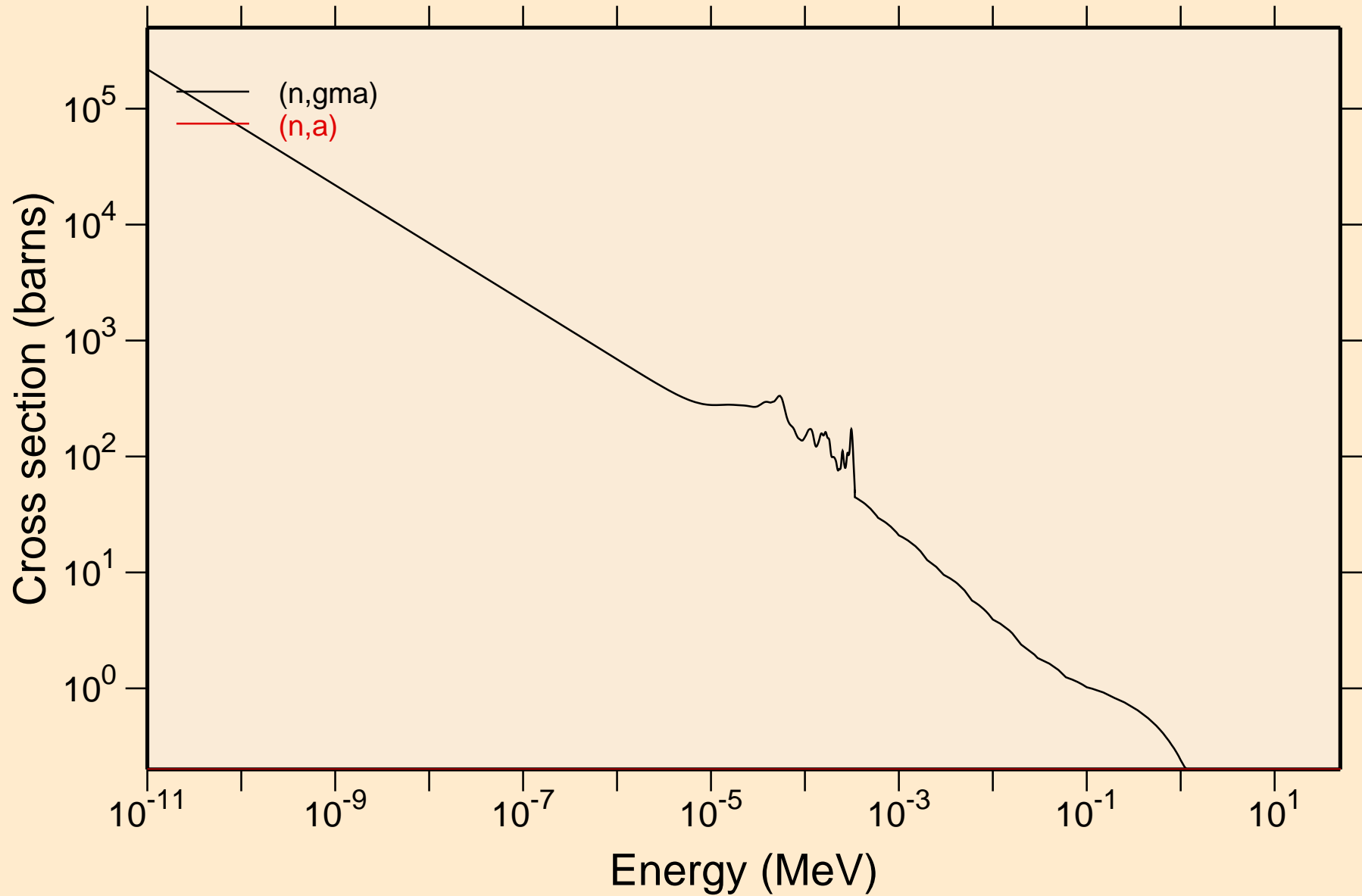


# TA182M NRG TENDL-2015, AKONING

## Principal cross sections

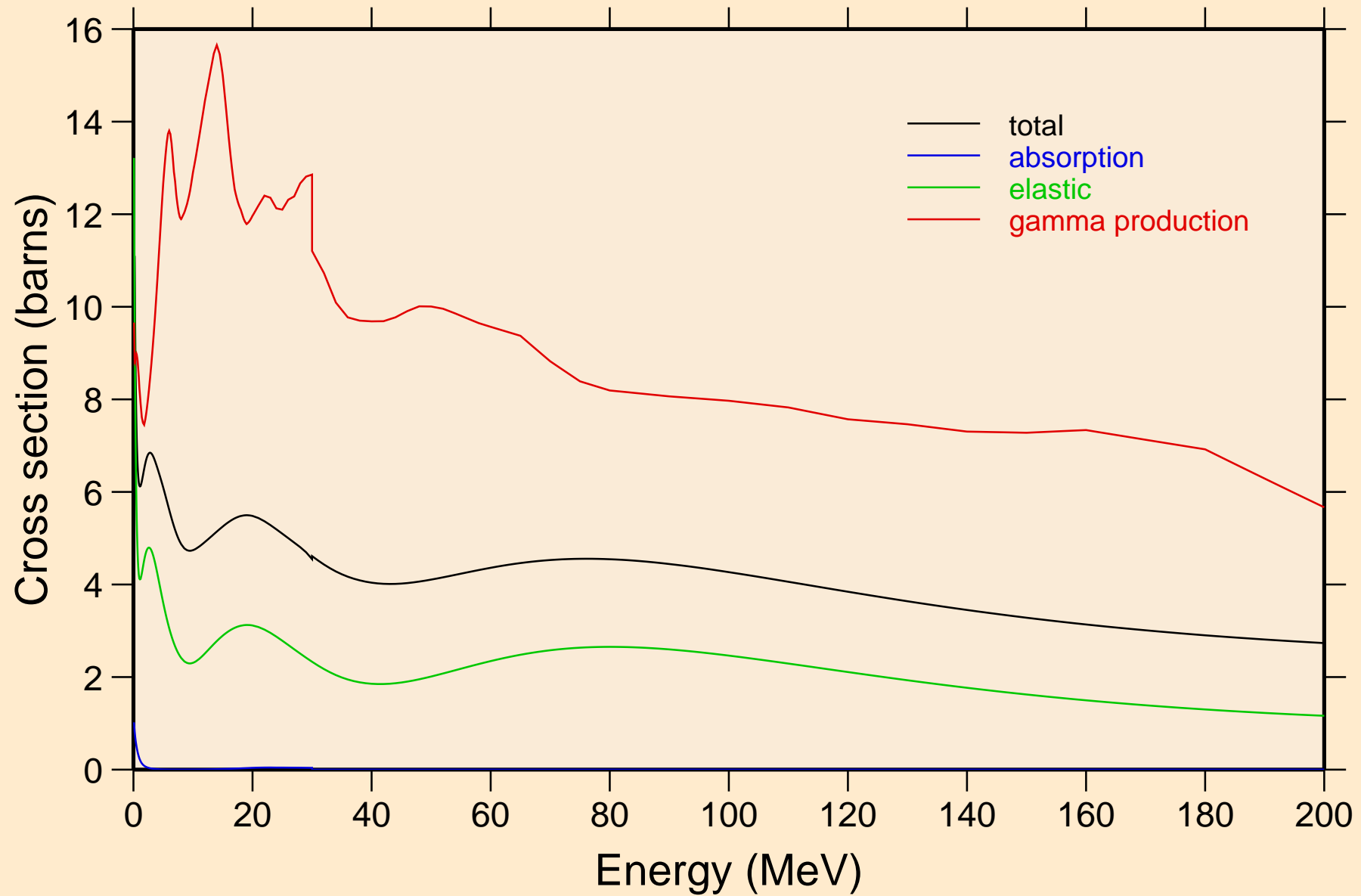


TA182M NRG TENDL-2015, AKONING  
Non-threshold reactions

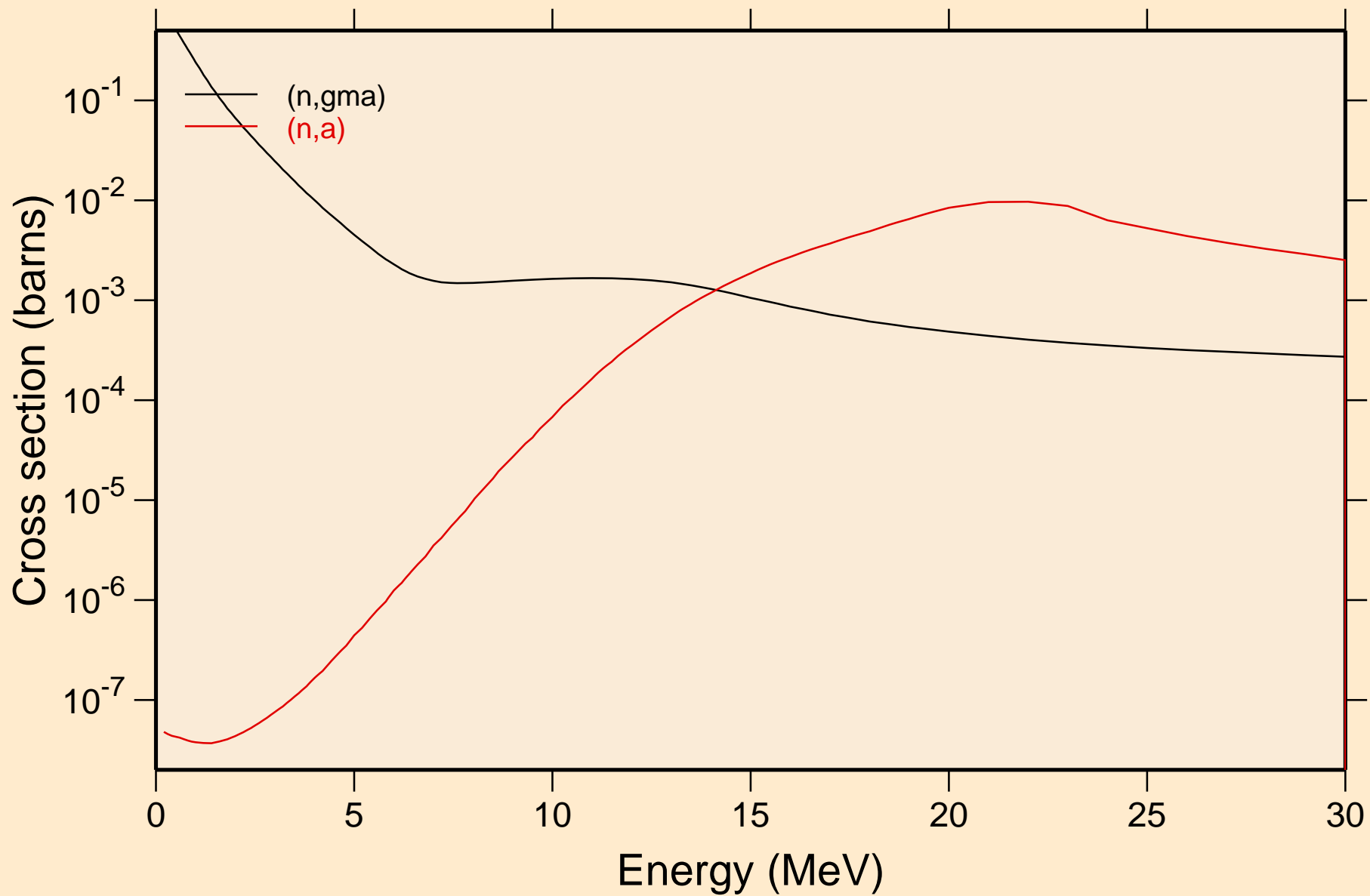


# TA182M NRG TENDL-2015, AKONING

## Principal cross sections

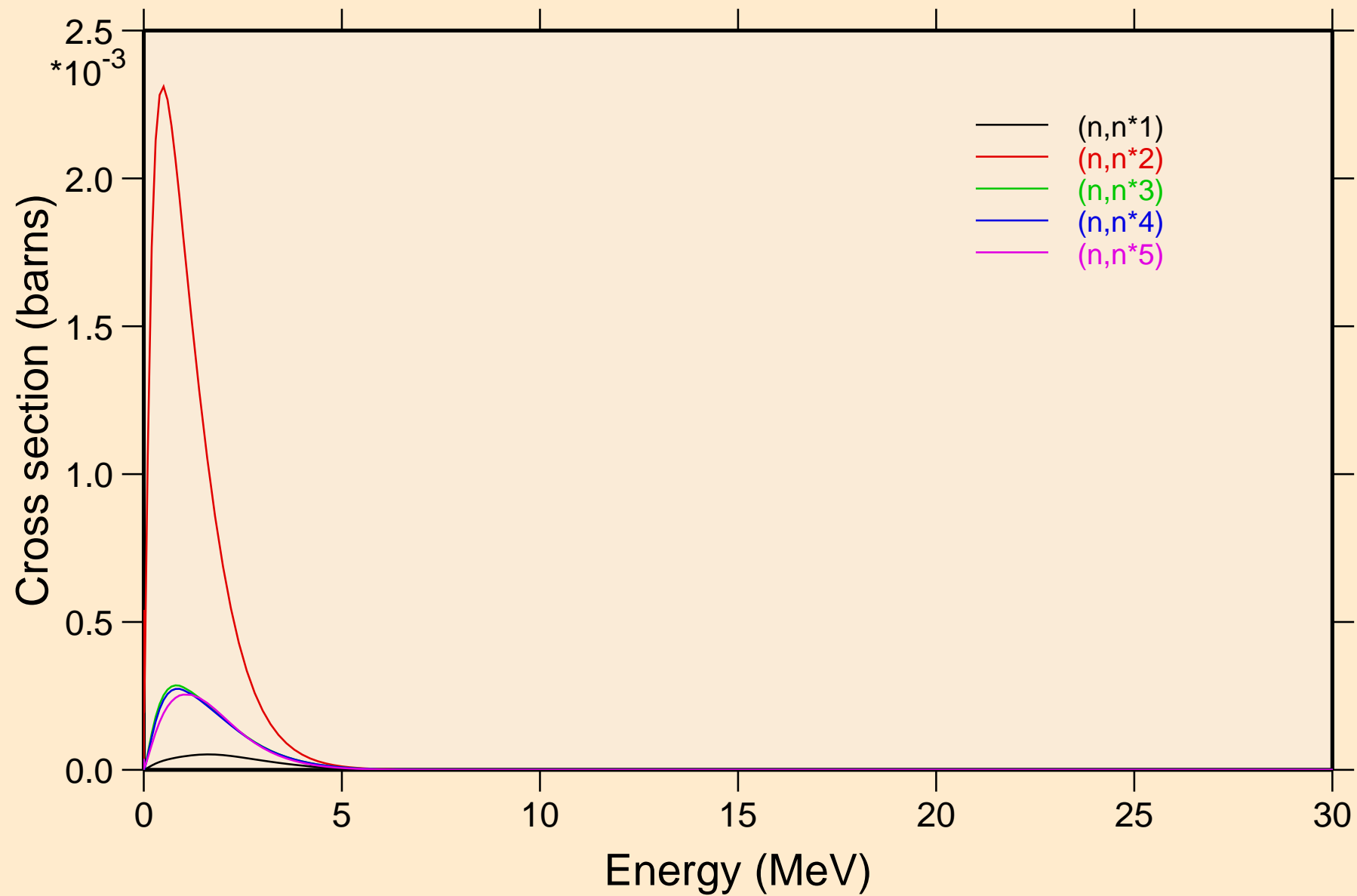


TA182M NRG TENDL-2015, AKONING  
Non-threshold reactions

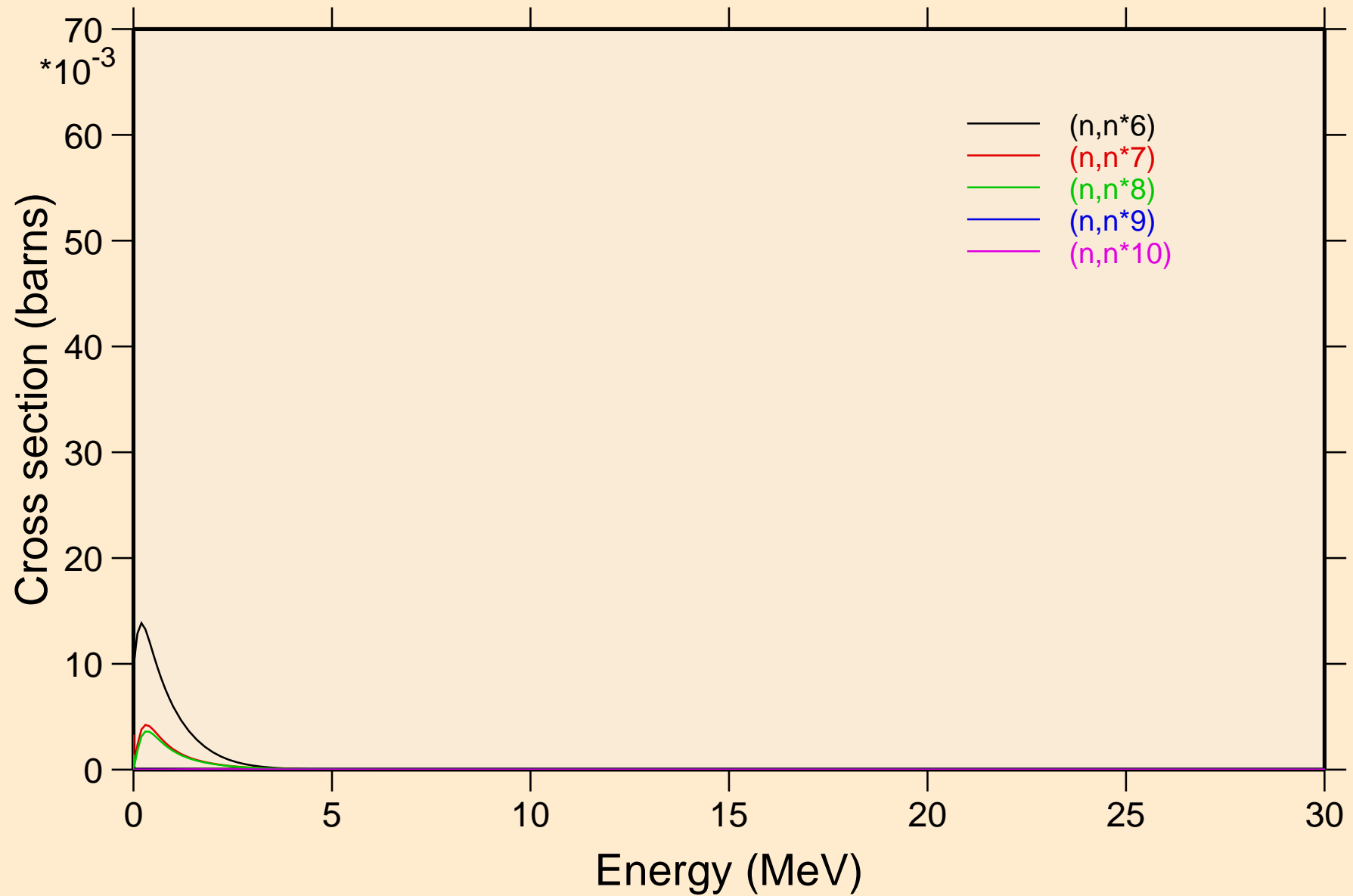


# TA182M NRG TENDL-2015, AKONING

## Inelastic levels

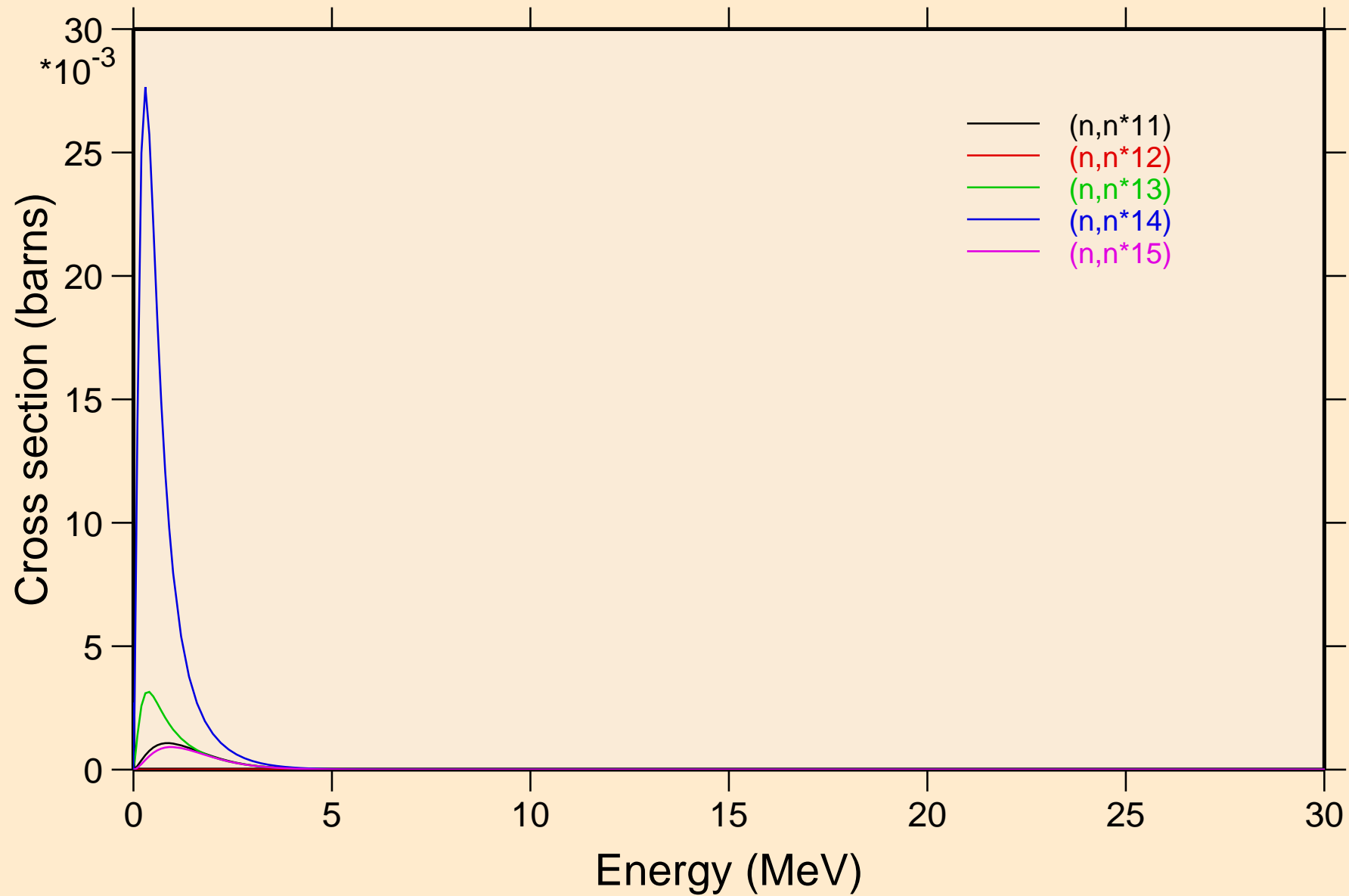


TA182M NRG TENDL-2015, AKONING  
Inelastic levels



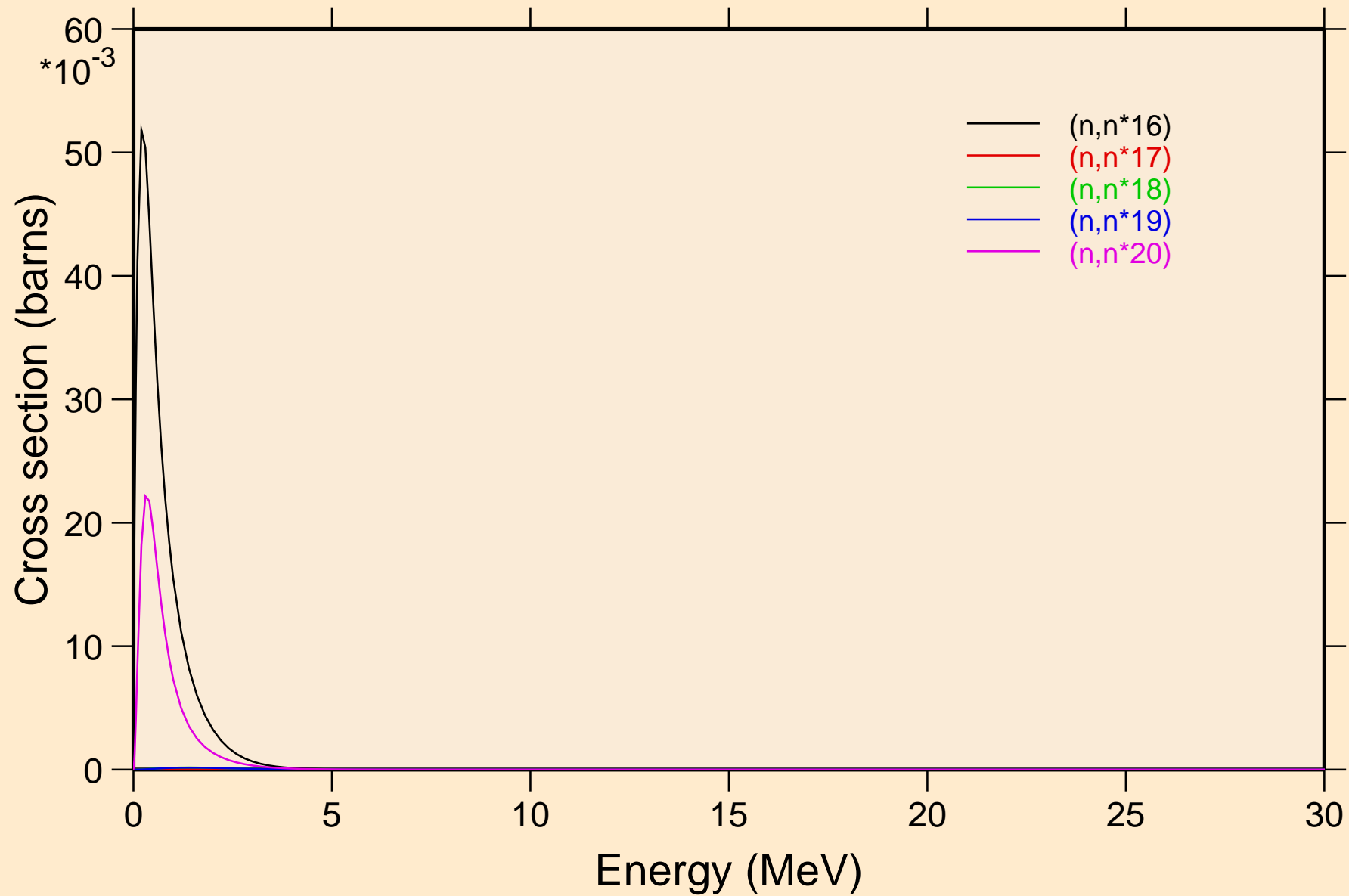
# TA182M NRG TENDL-2015, AKONING

## Inelastic levels



# TA182M NRG TENDL-2015, AKONING

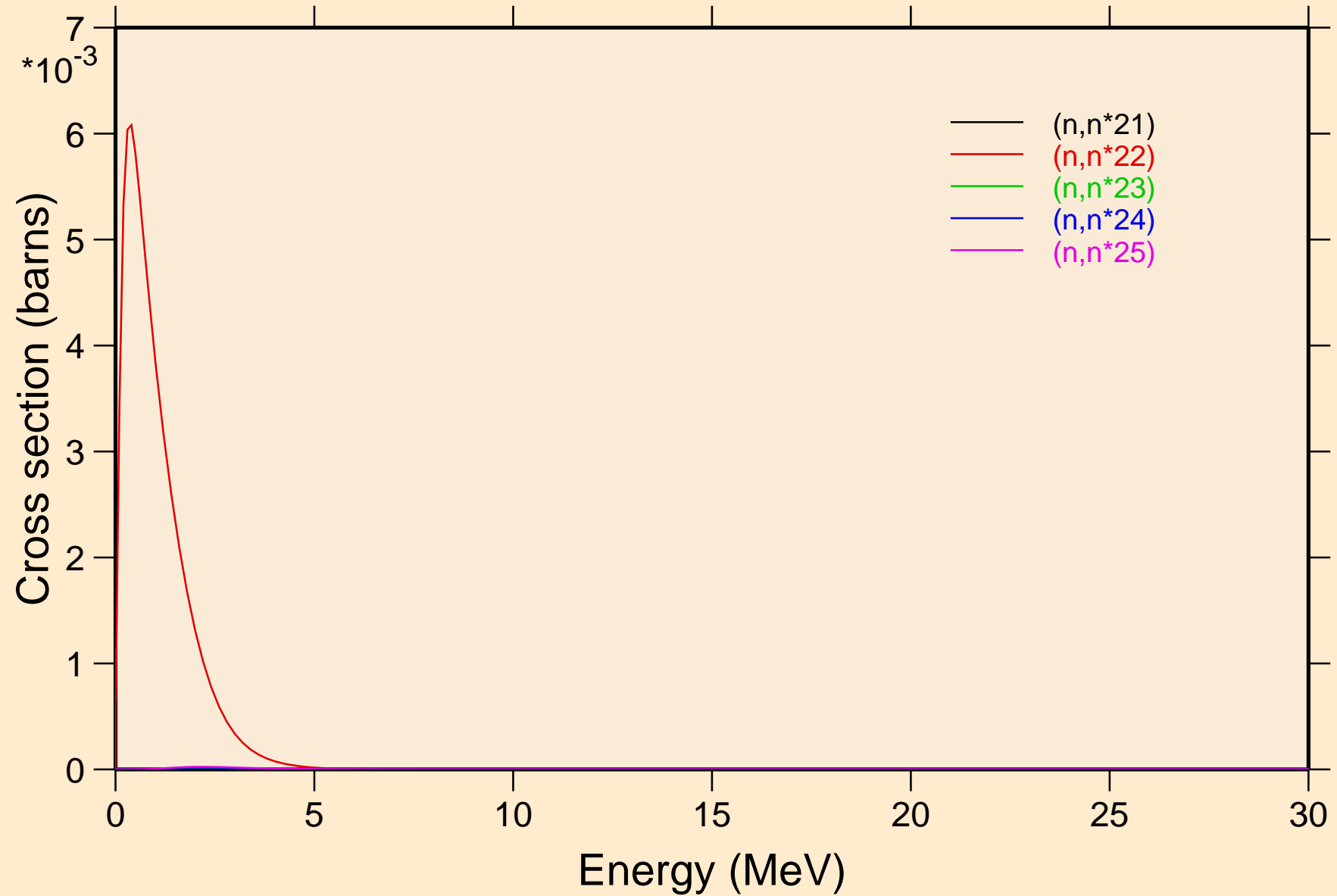
## Inelastic levels



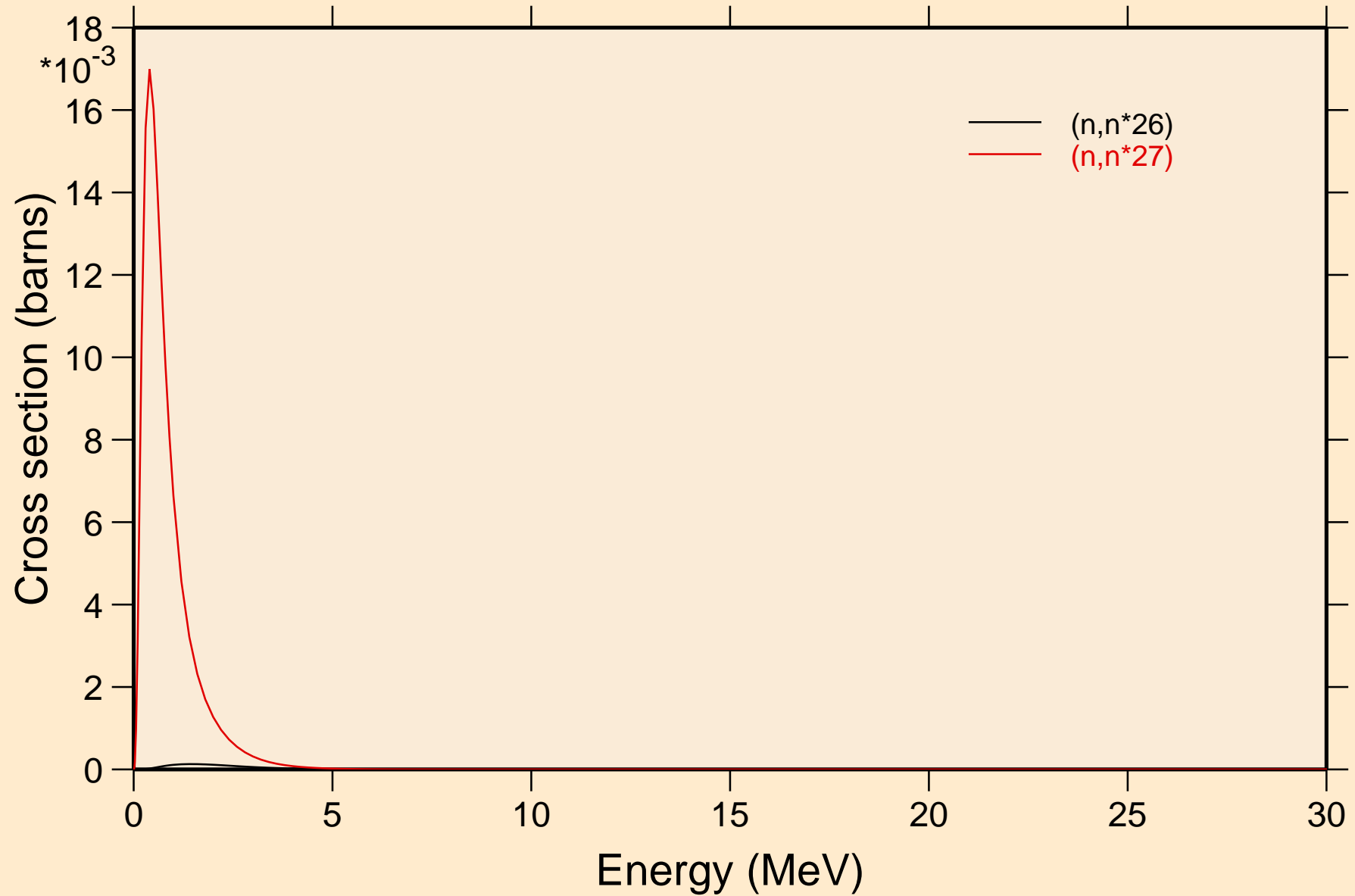


# TA182M NRG TENDL-2015, AKONING

## Inelastic levels

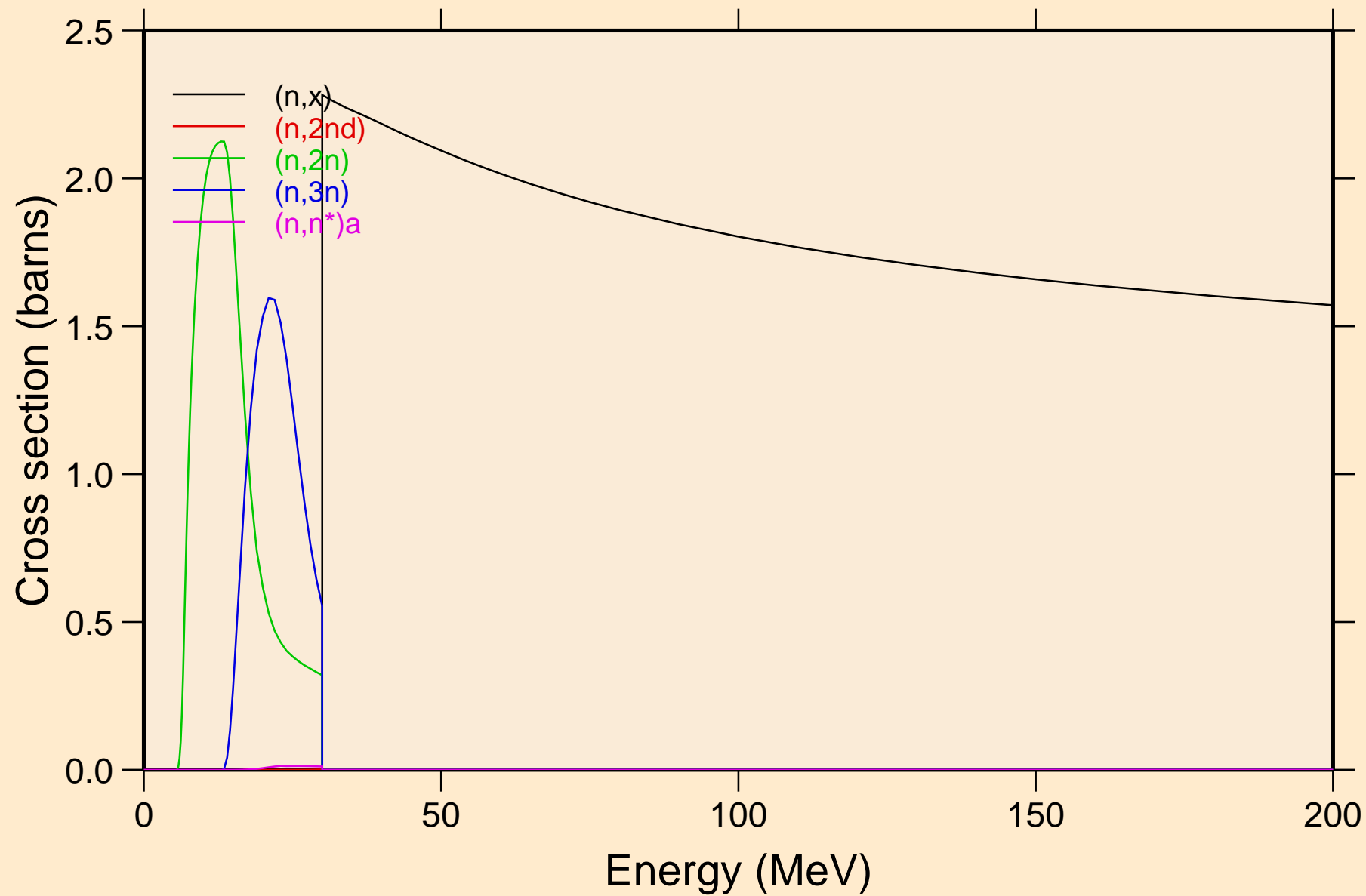


TA182M NRG TENDL-2015, AKONING  
Inelastic levels



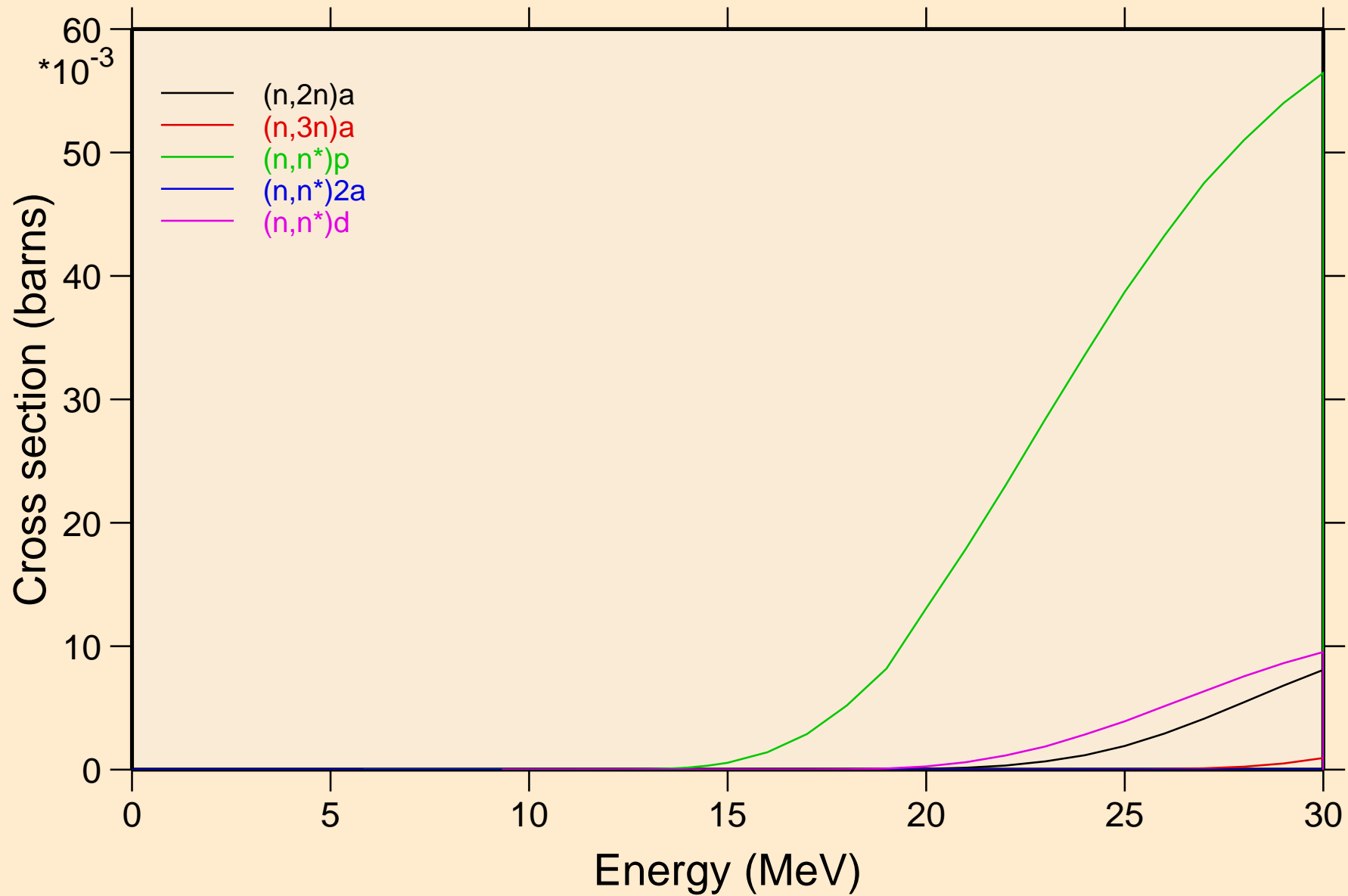
# TA182M NRG TENDL-2015, AKONING

## Threshold reactions



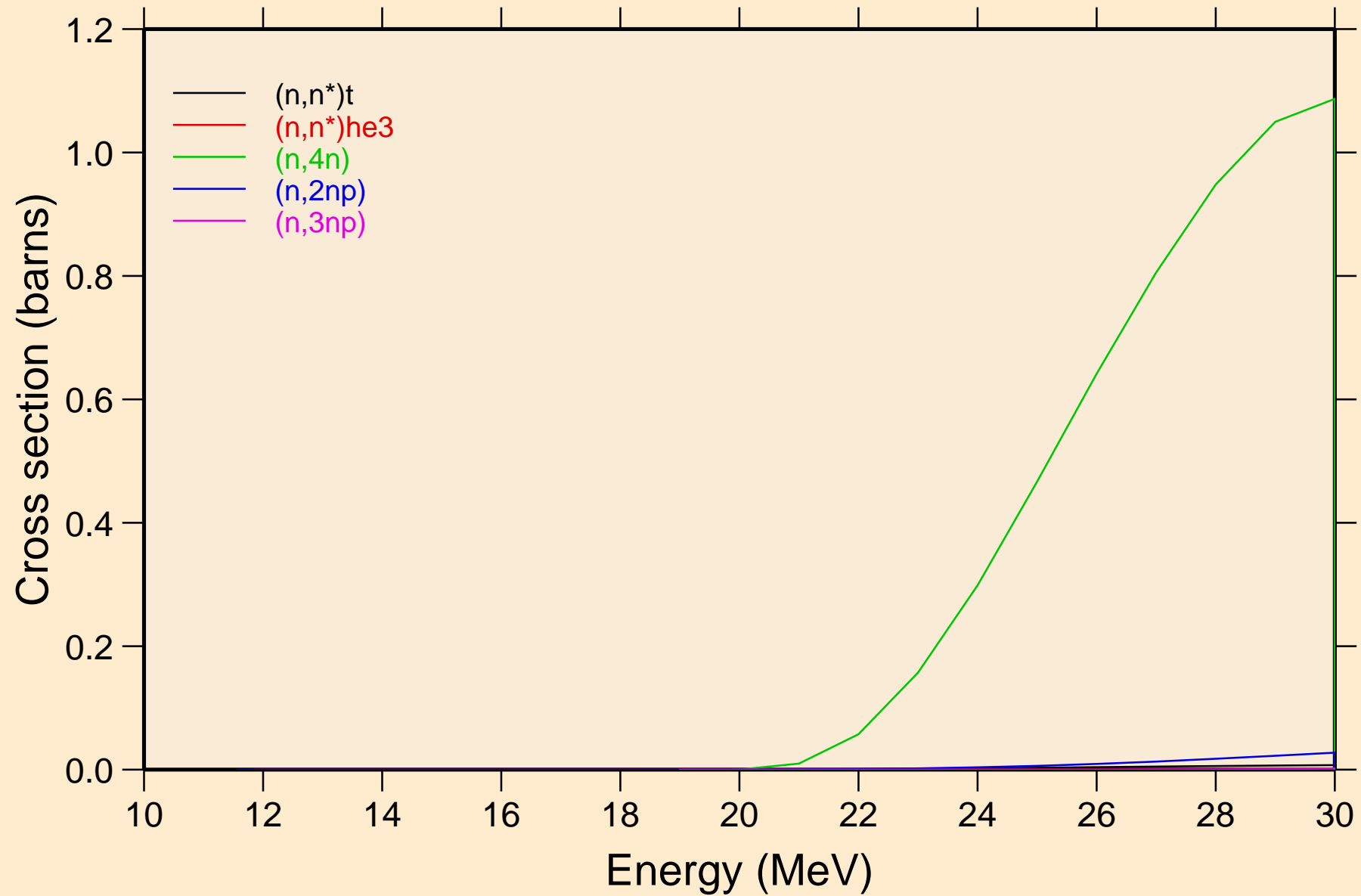
# TA182M NRG TENDL-2015, AKONING

## Threshold reactions



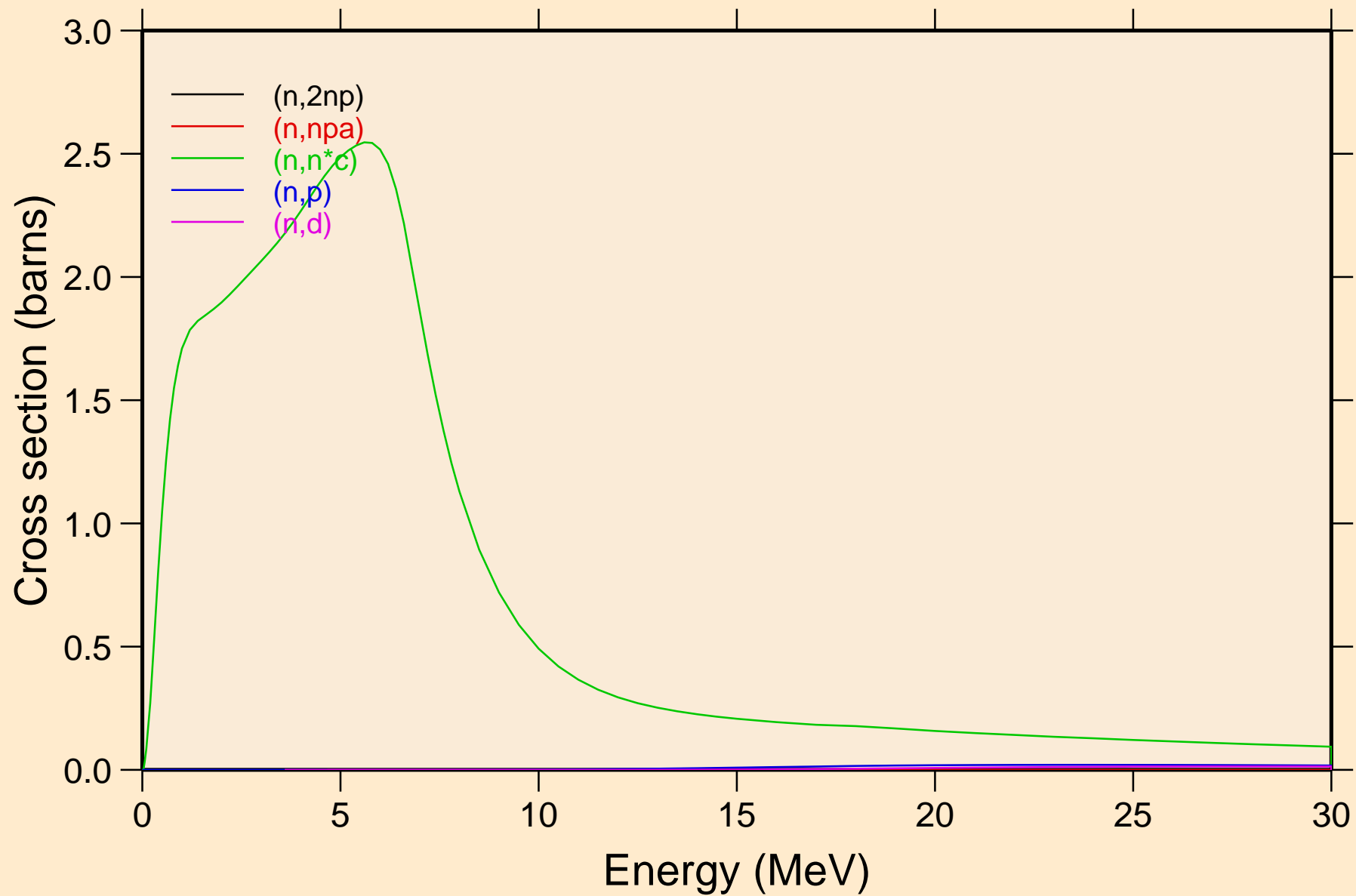
# TA182M NRG TENDL-2015, AKONING

## Threshold reactions



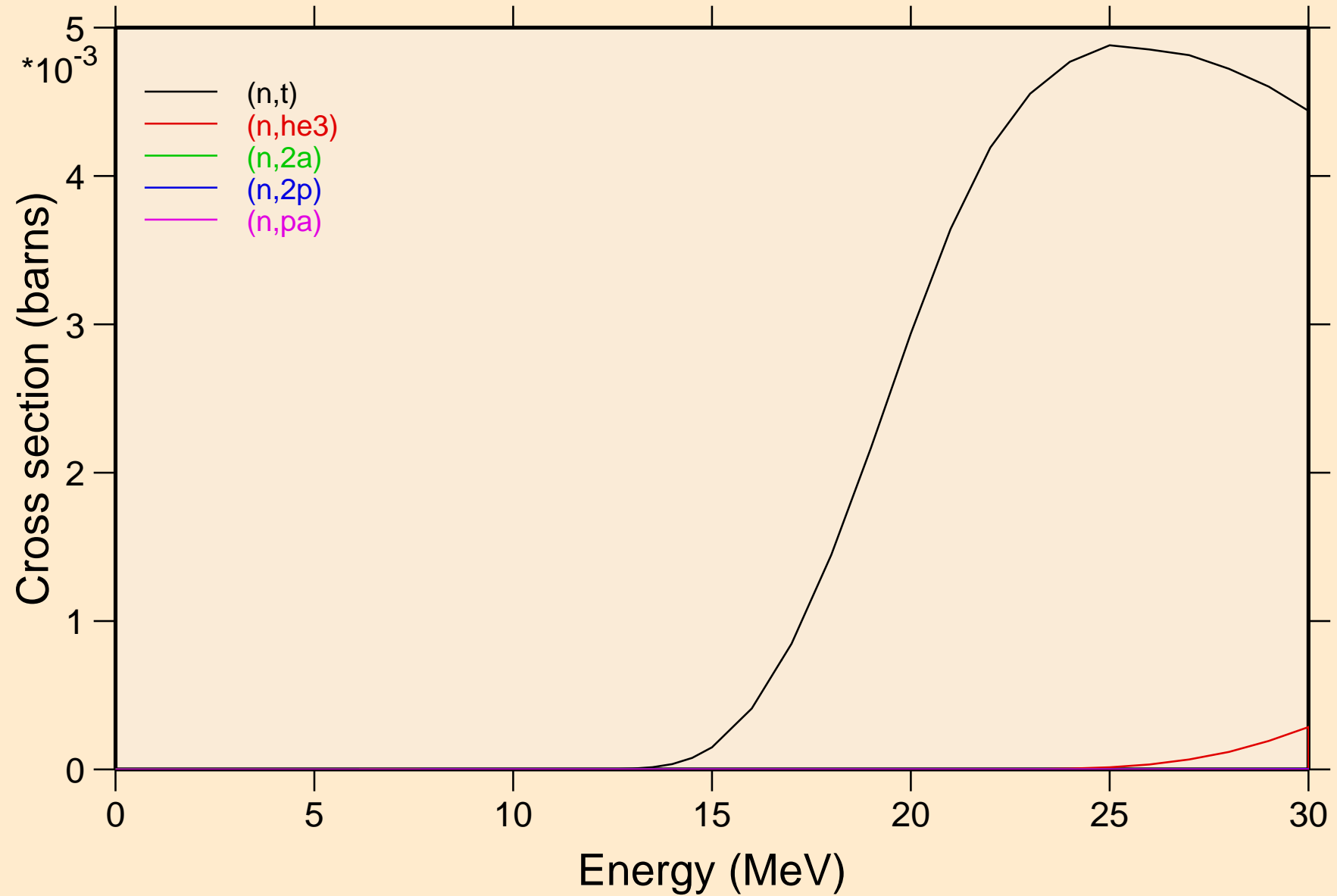
# TA182M NRG TENDL-2015, AKONING

## Threshold reactions



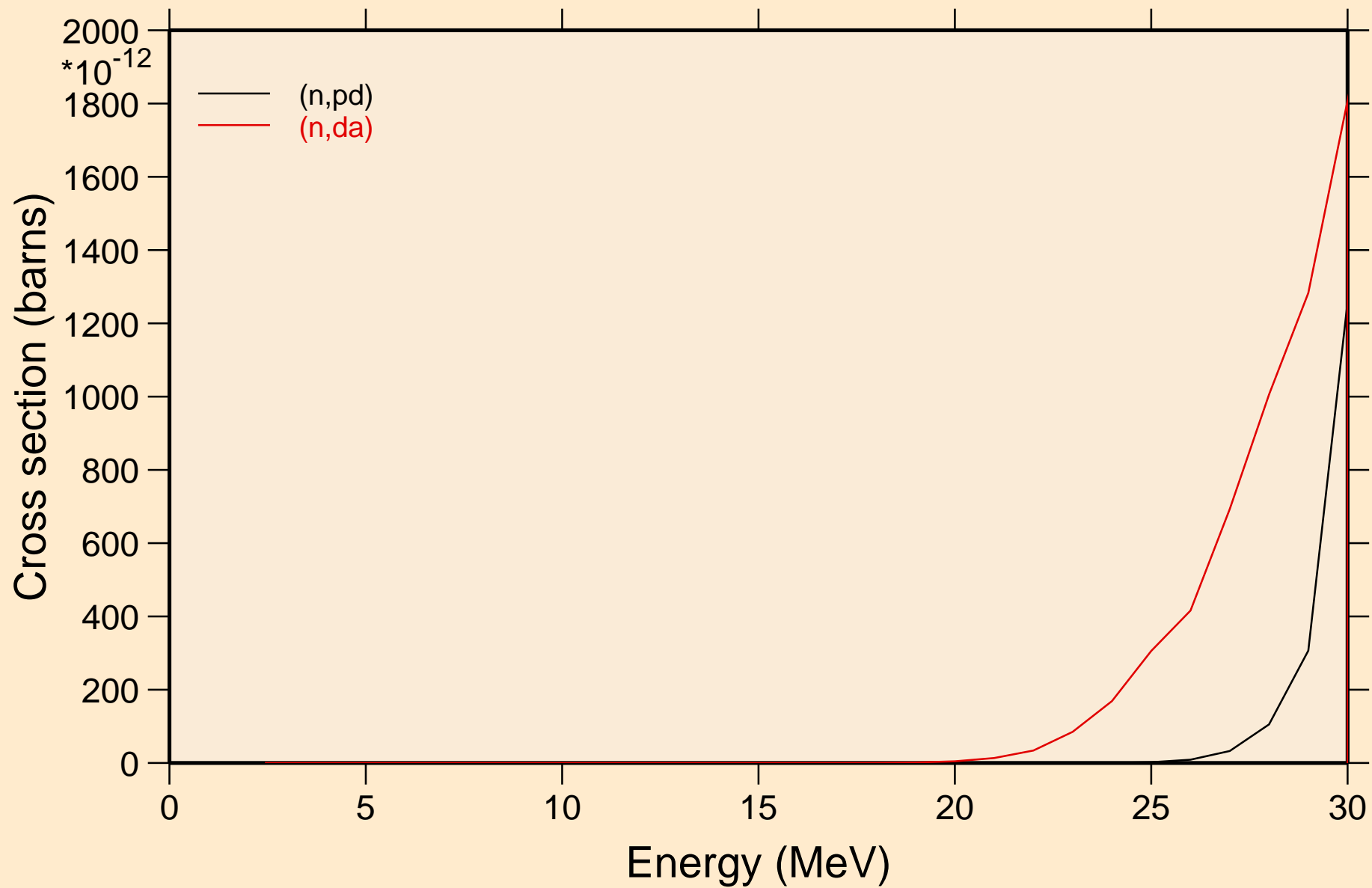
# TA182M NRG TENDL-2015, AKONING

## Threshold reactions



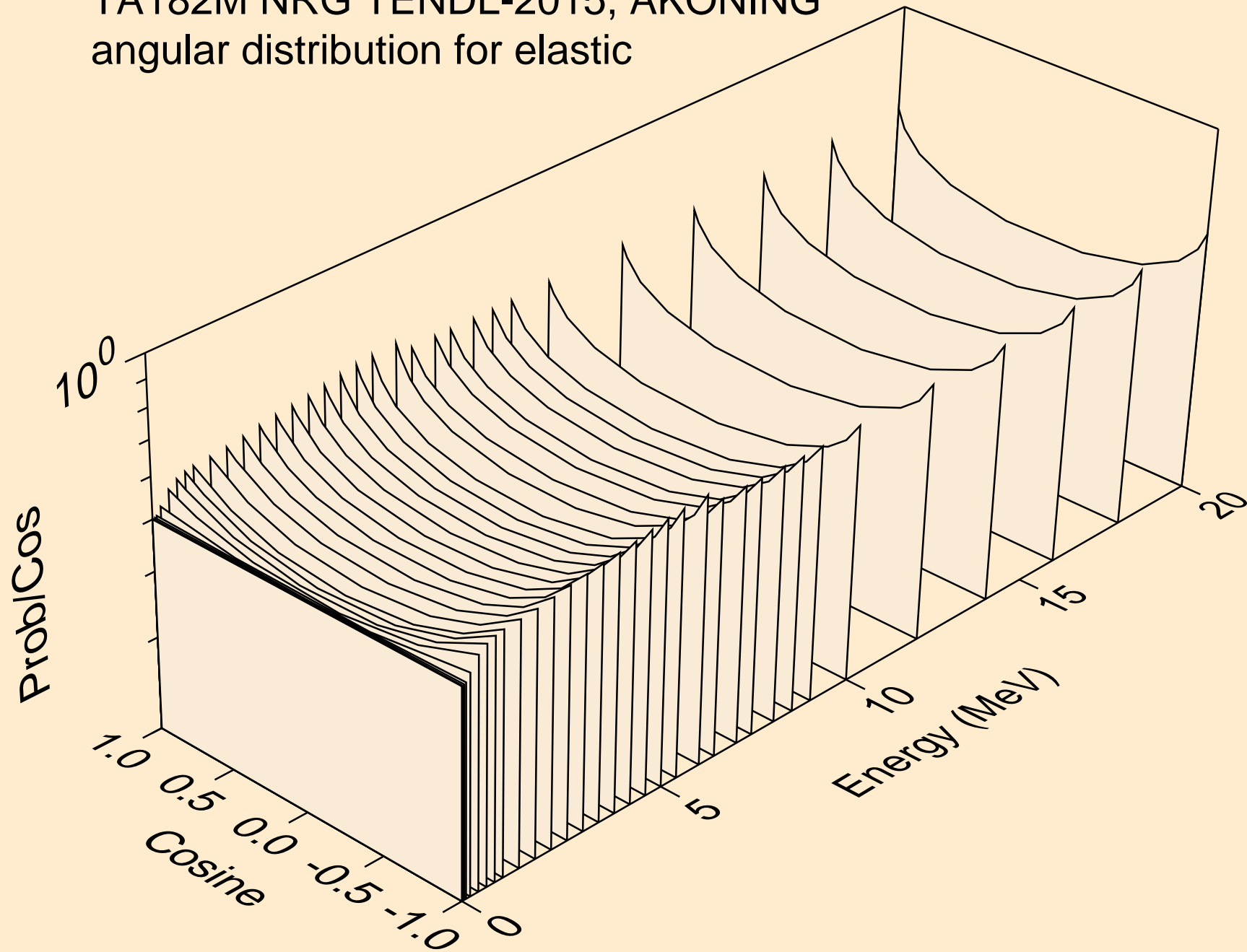
# TA182M NRG TENDL-2015, AKONING

## Threshold reactions

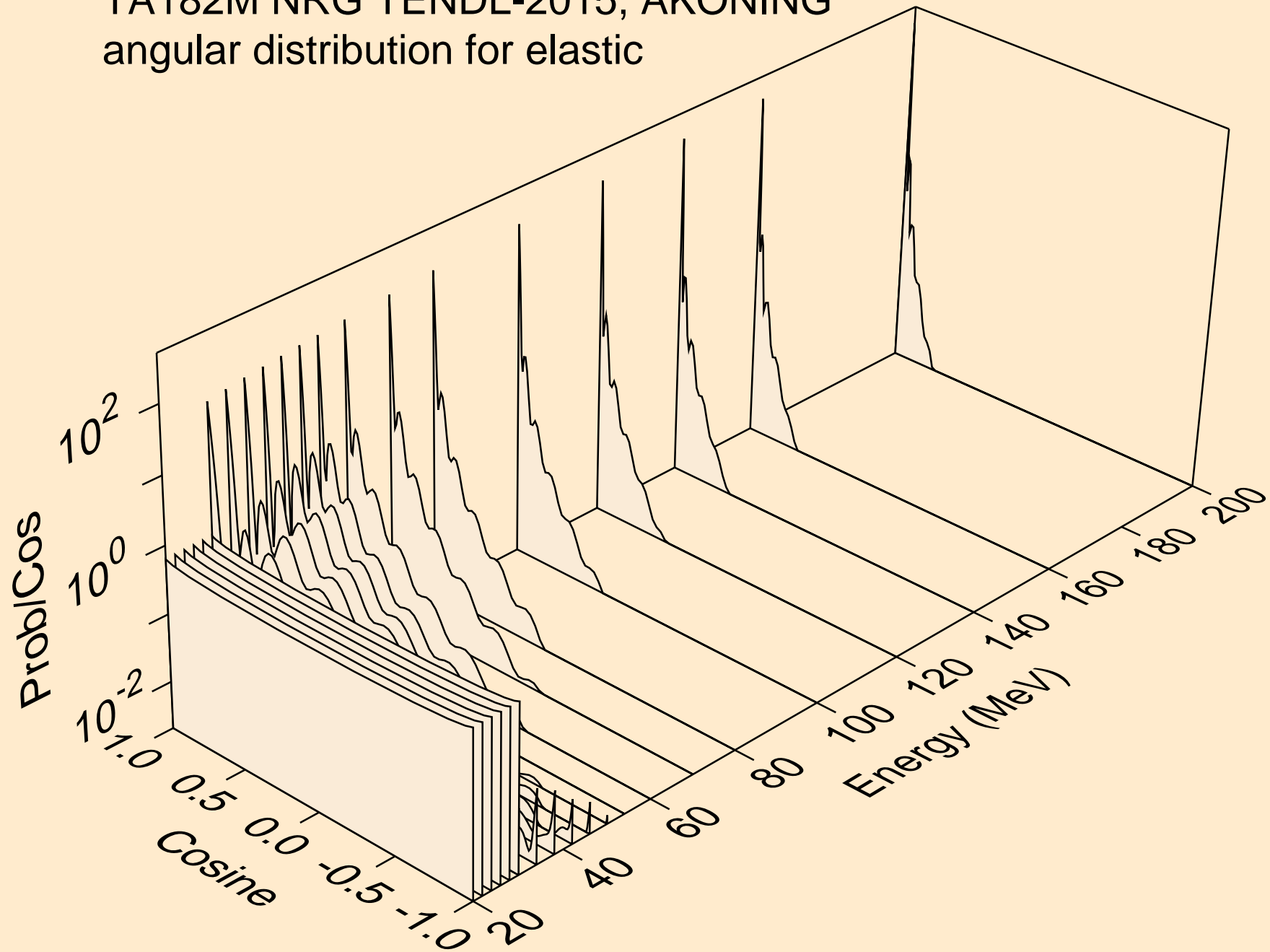




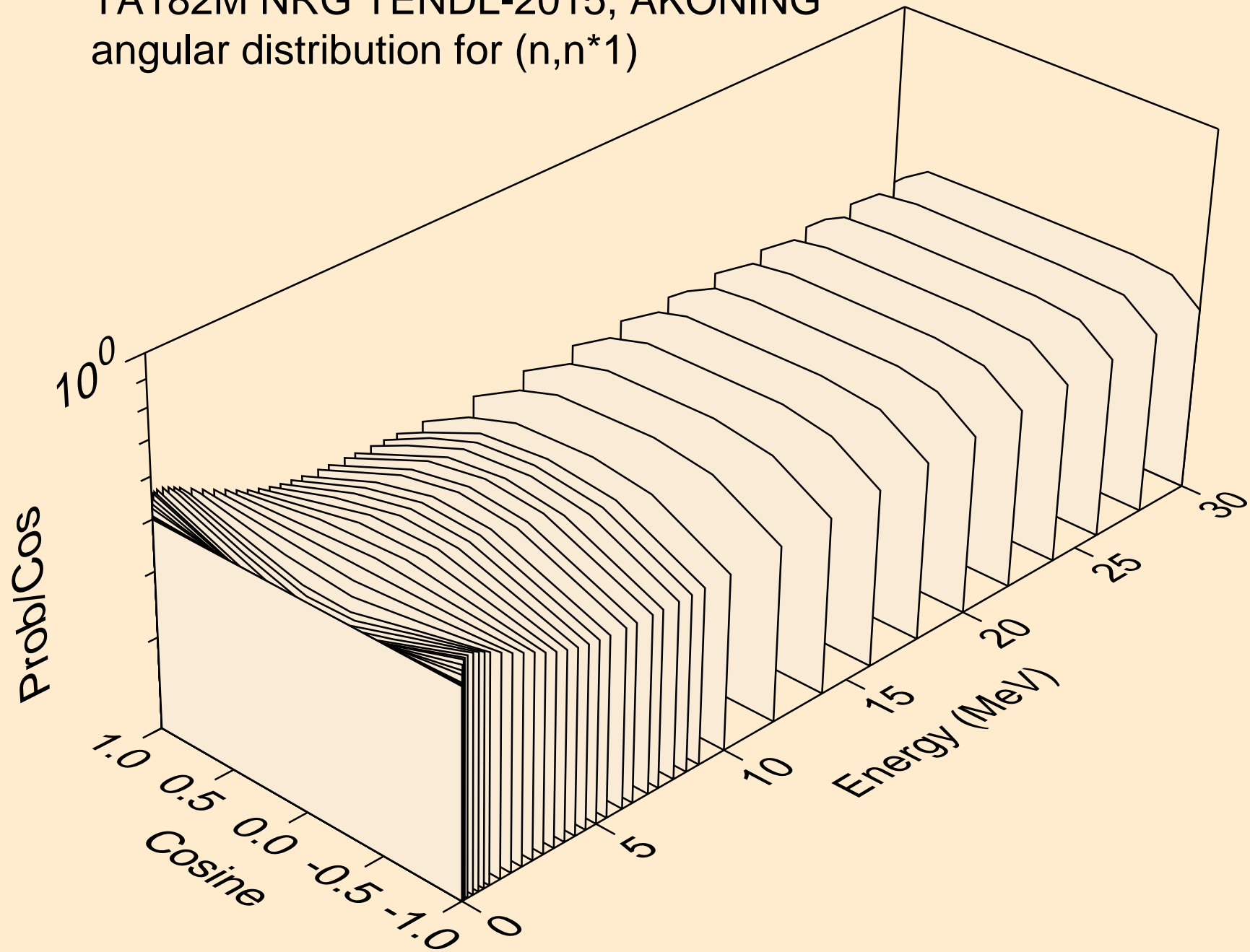
TA182M NRG TENDL-2015, AKONING  
angular distribution for elastic



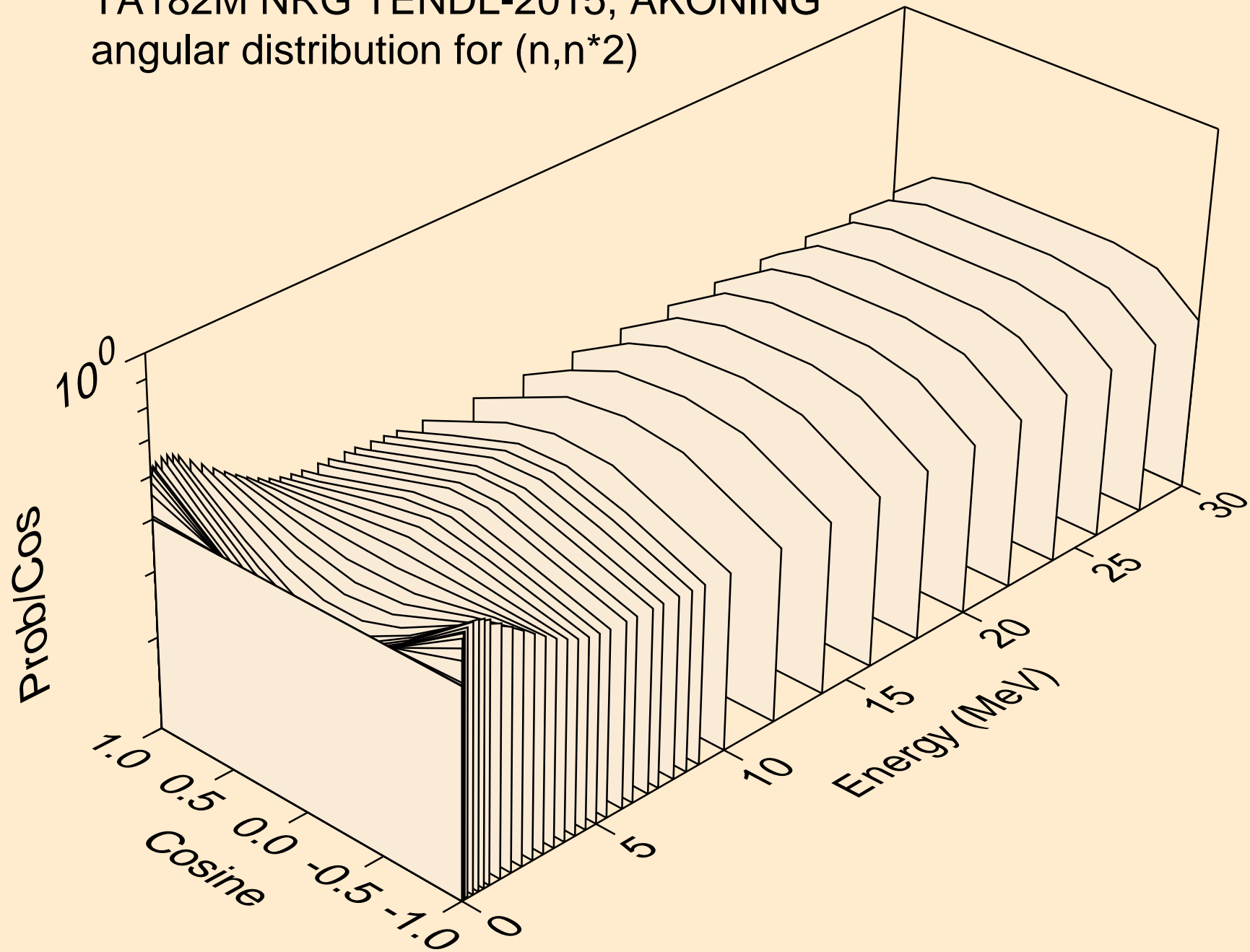
TA182M NRG TENDL-2015, AKONING  
angular distribution for elastic



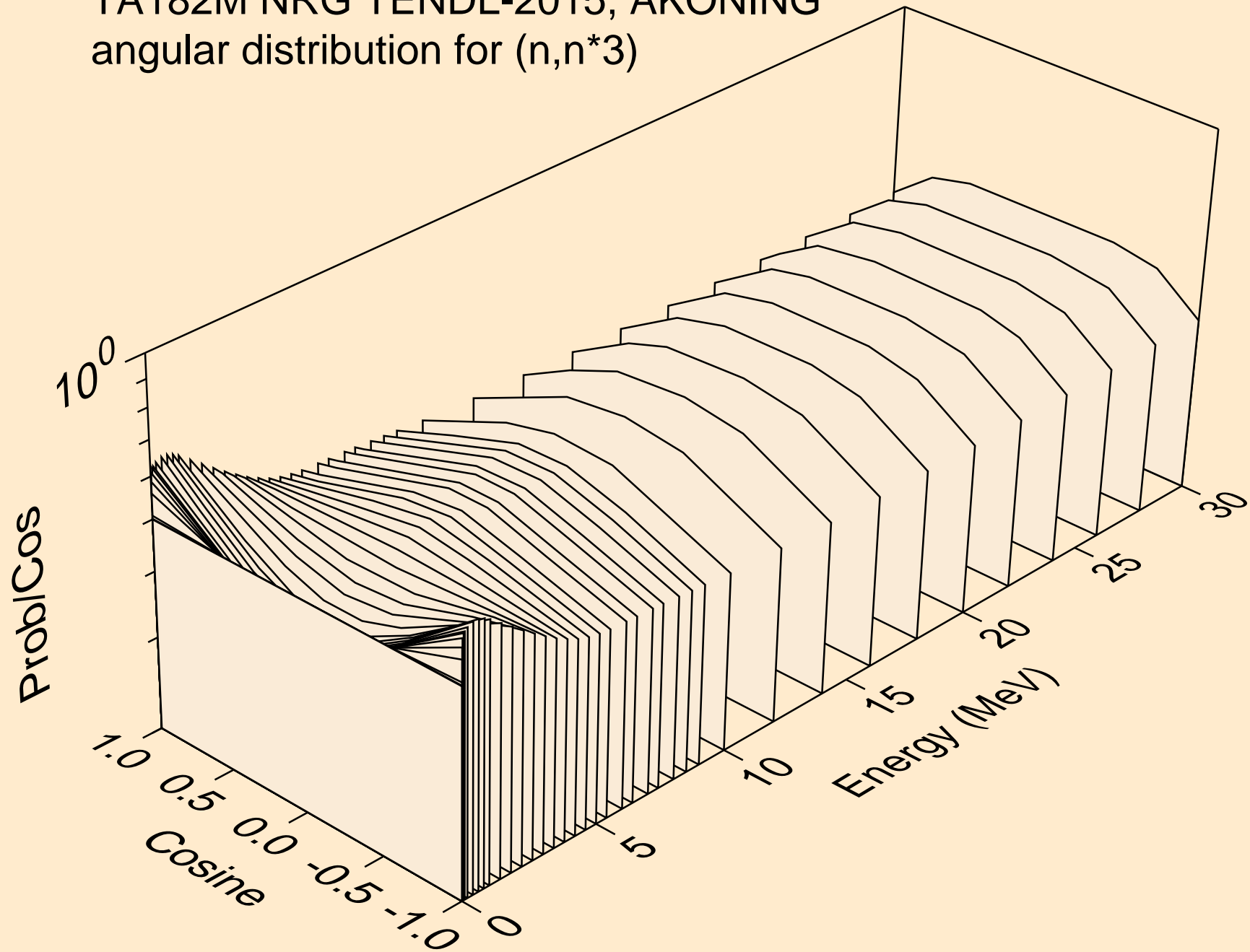
TA182M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



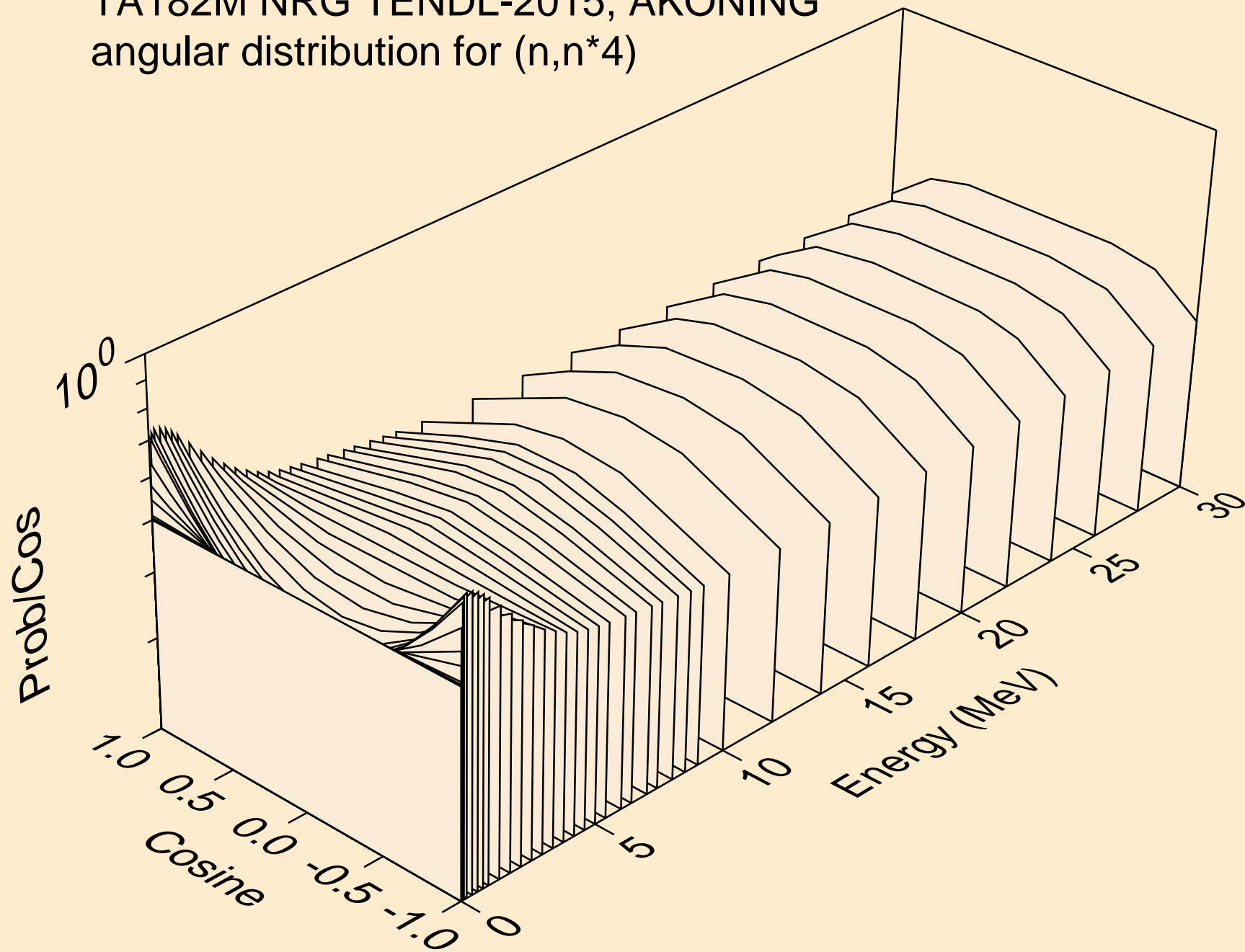
TA182M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



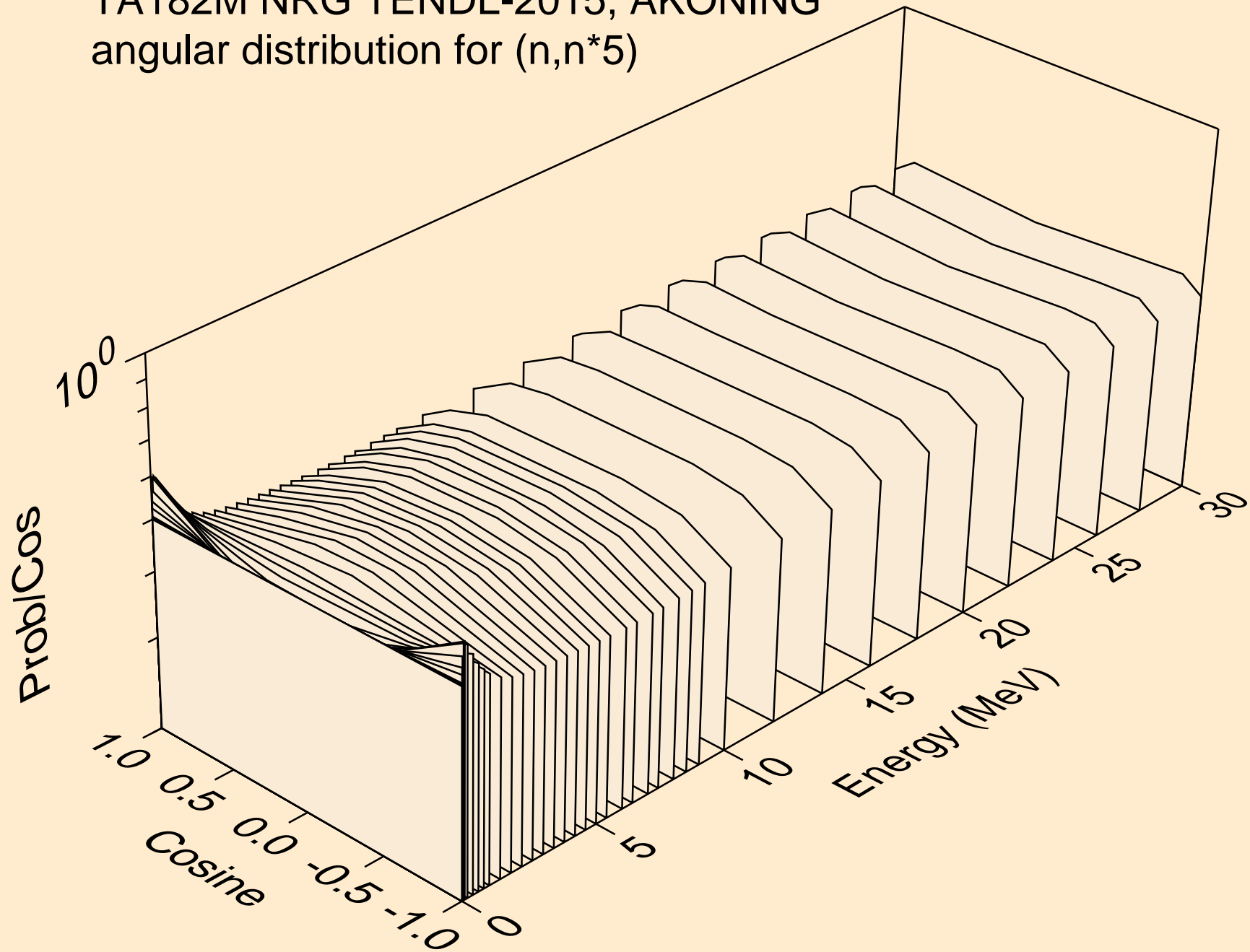
TA182M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



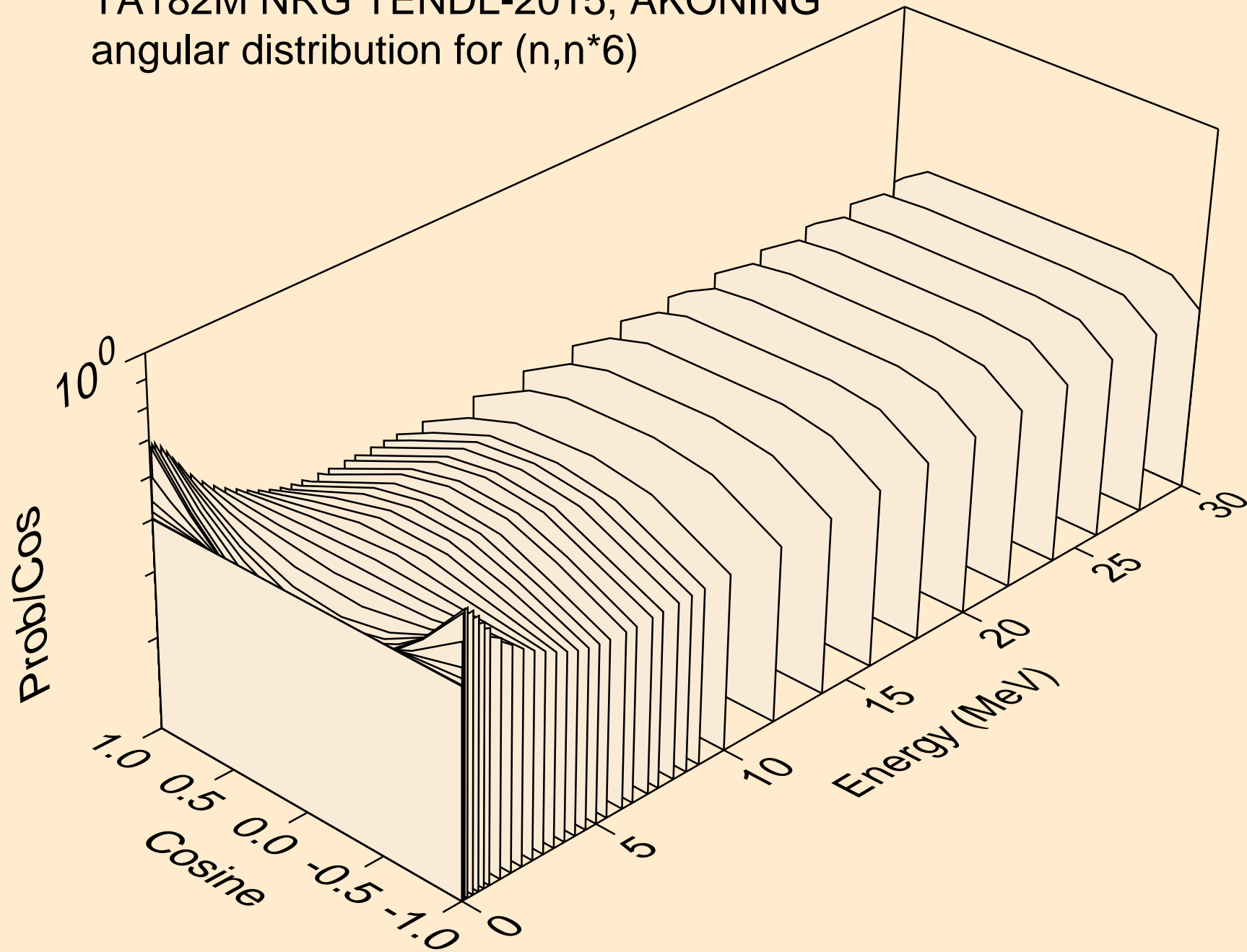
TA182M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



TA182M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

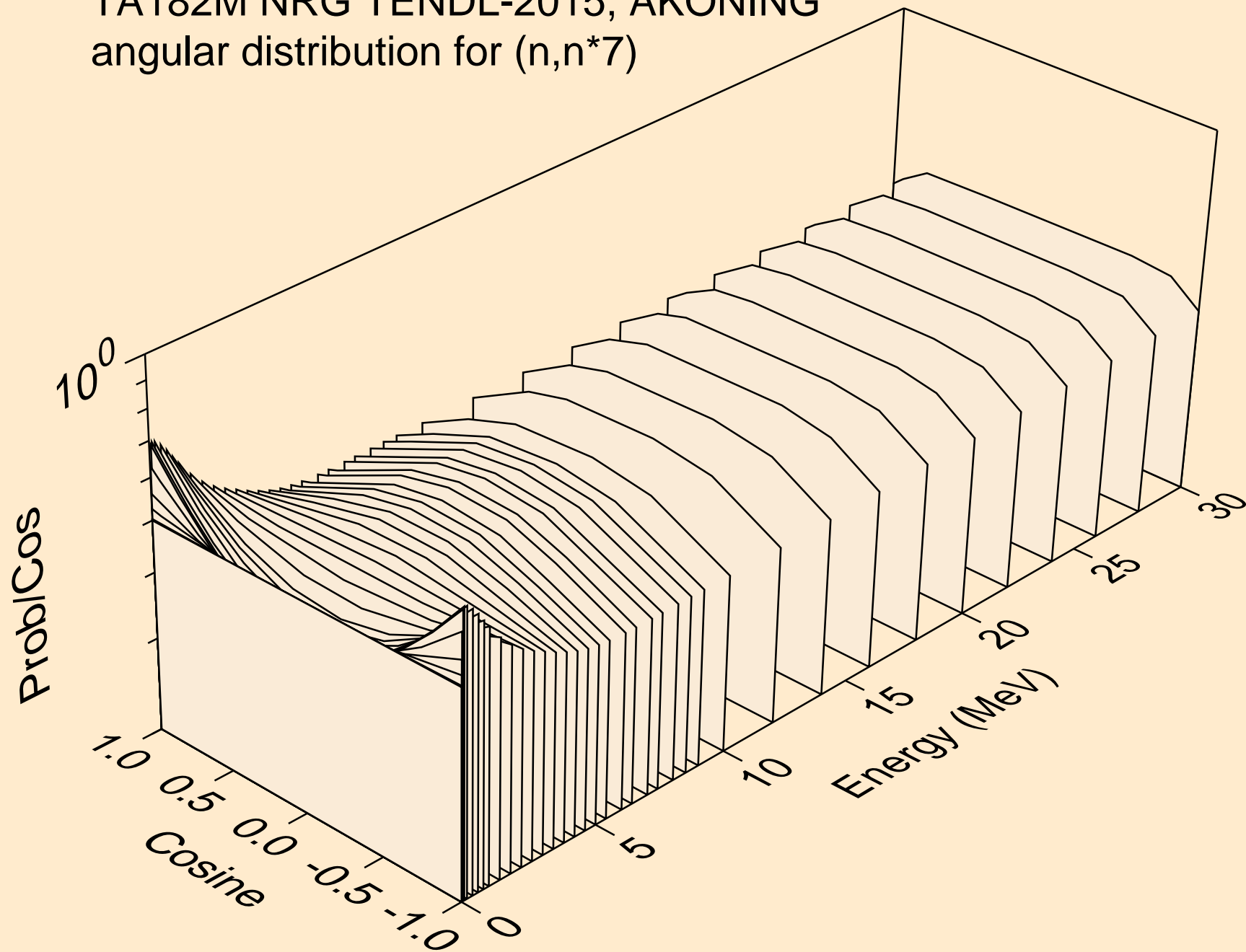


TA182M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

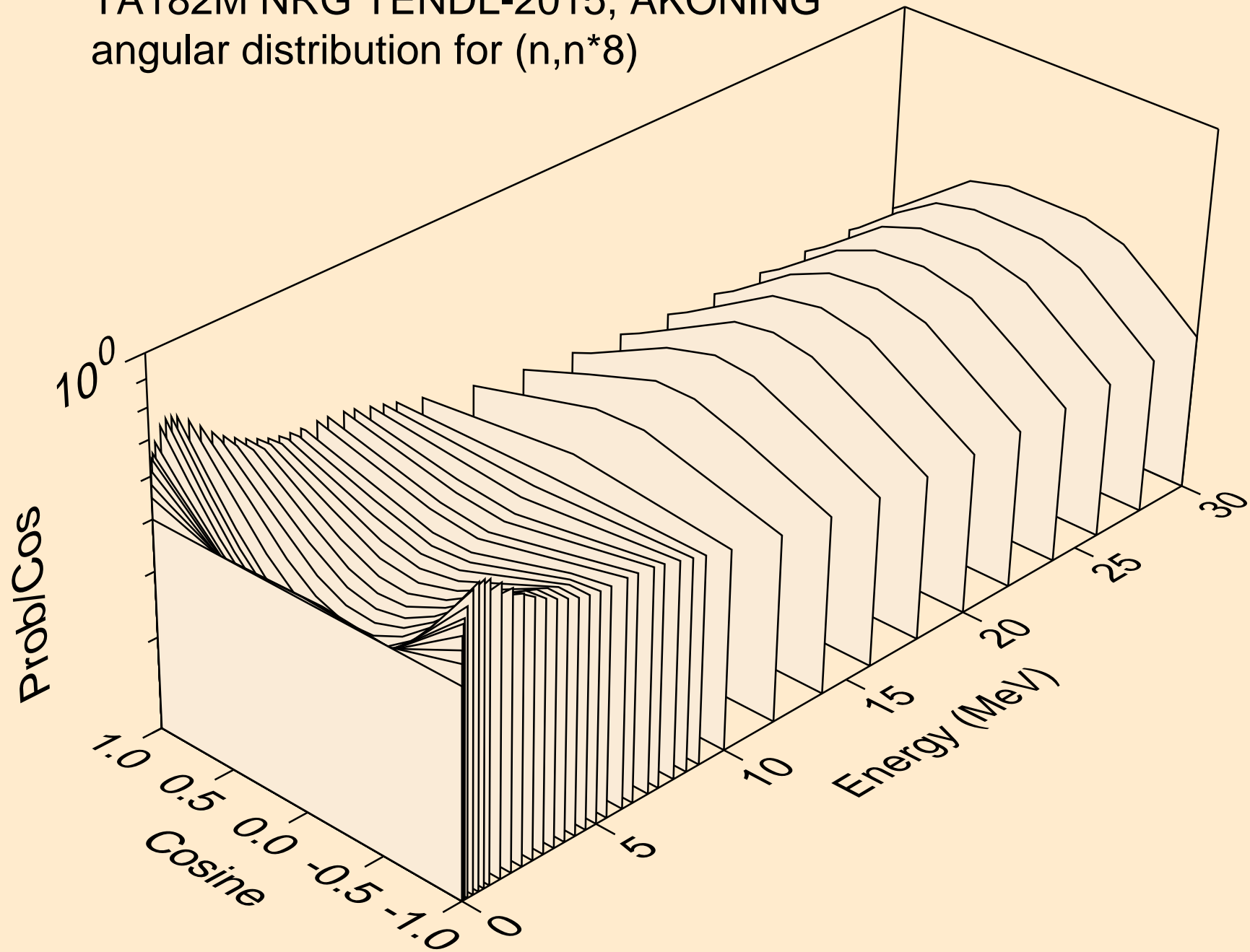




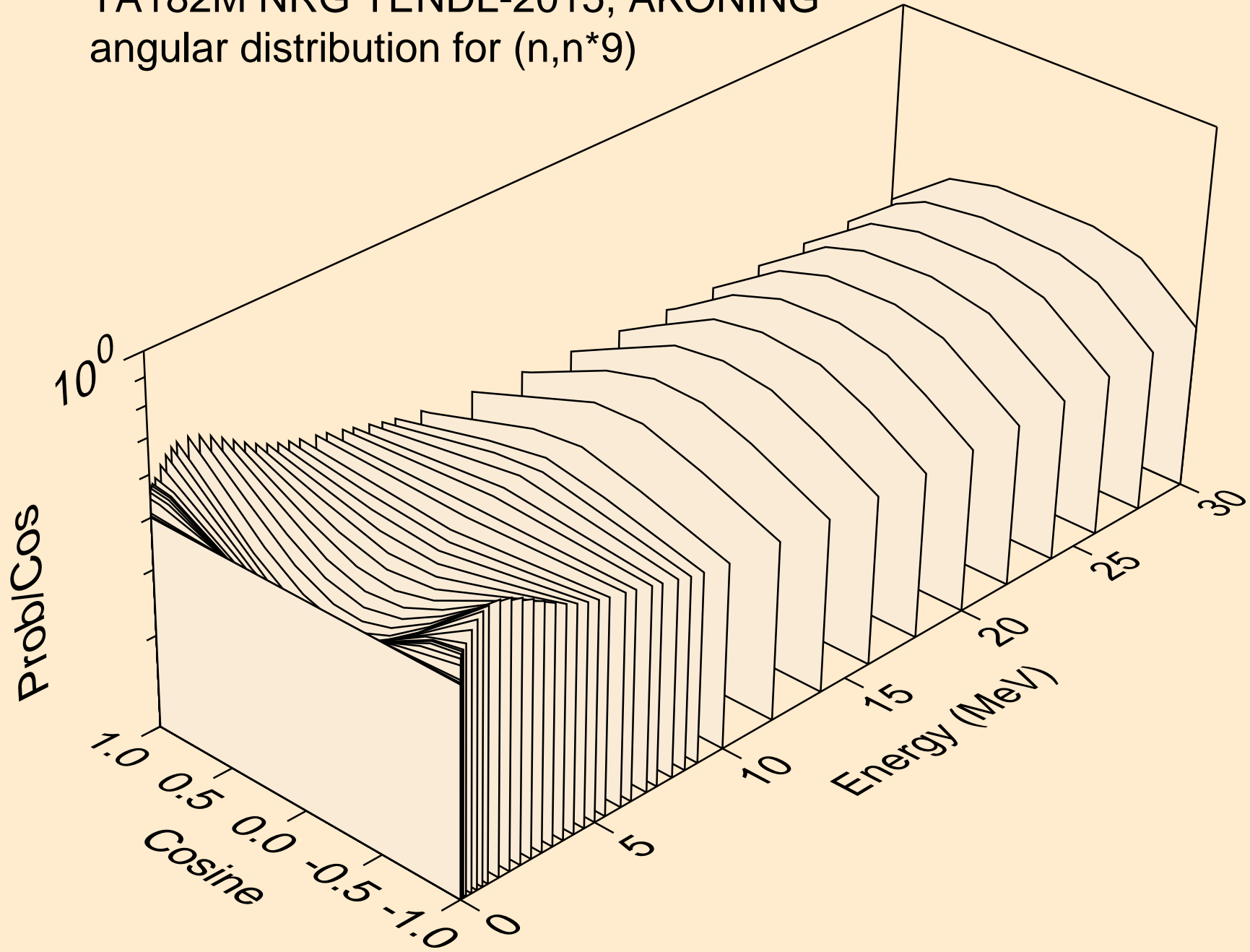
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angular distribution for (n,n\*7)



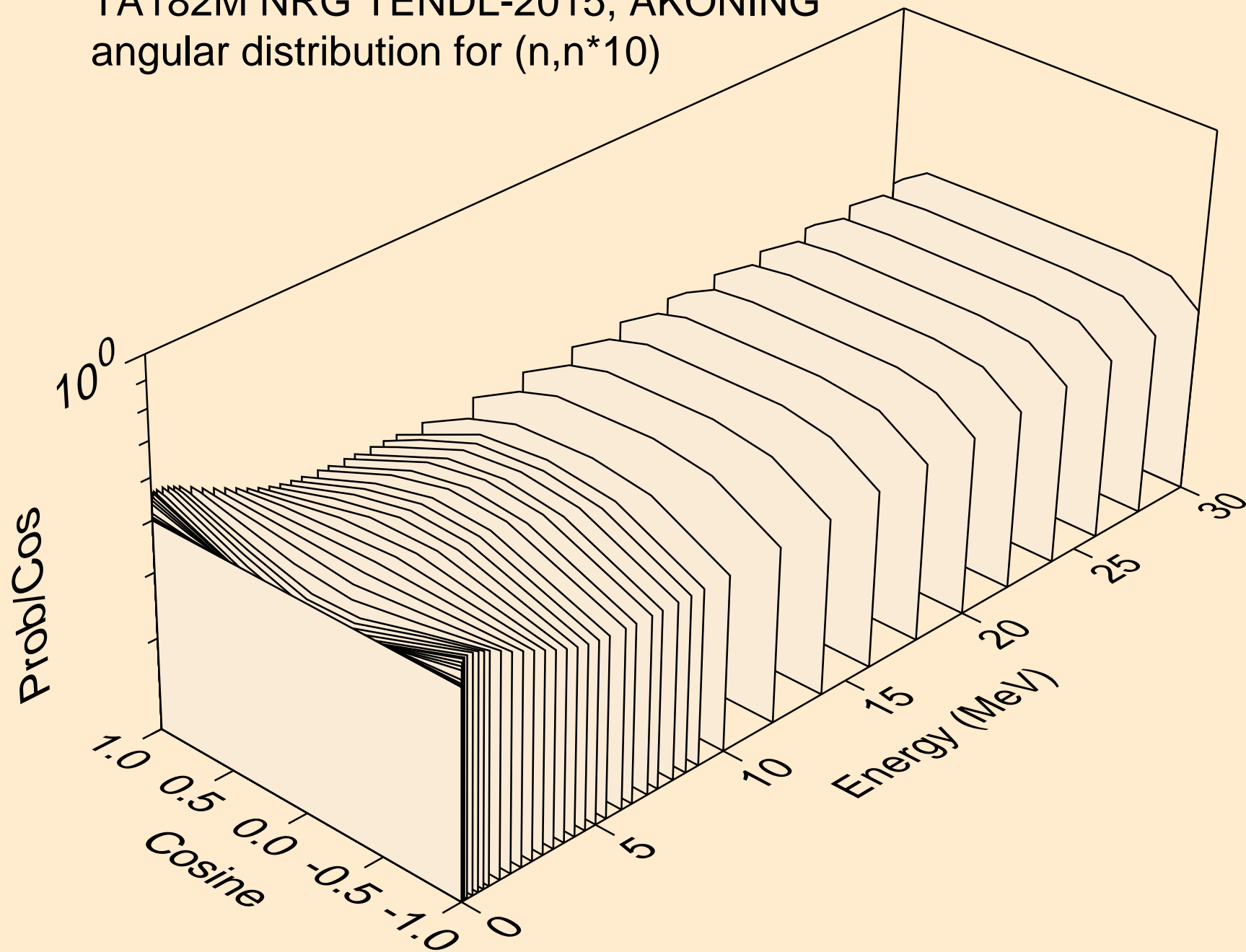
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angular distribution for (n,n\*8)



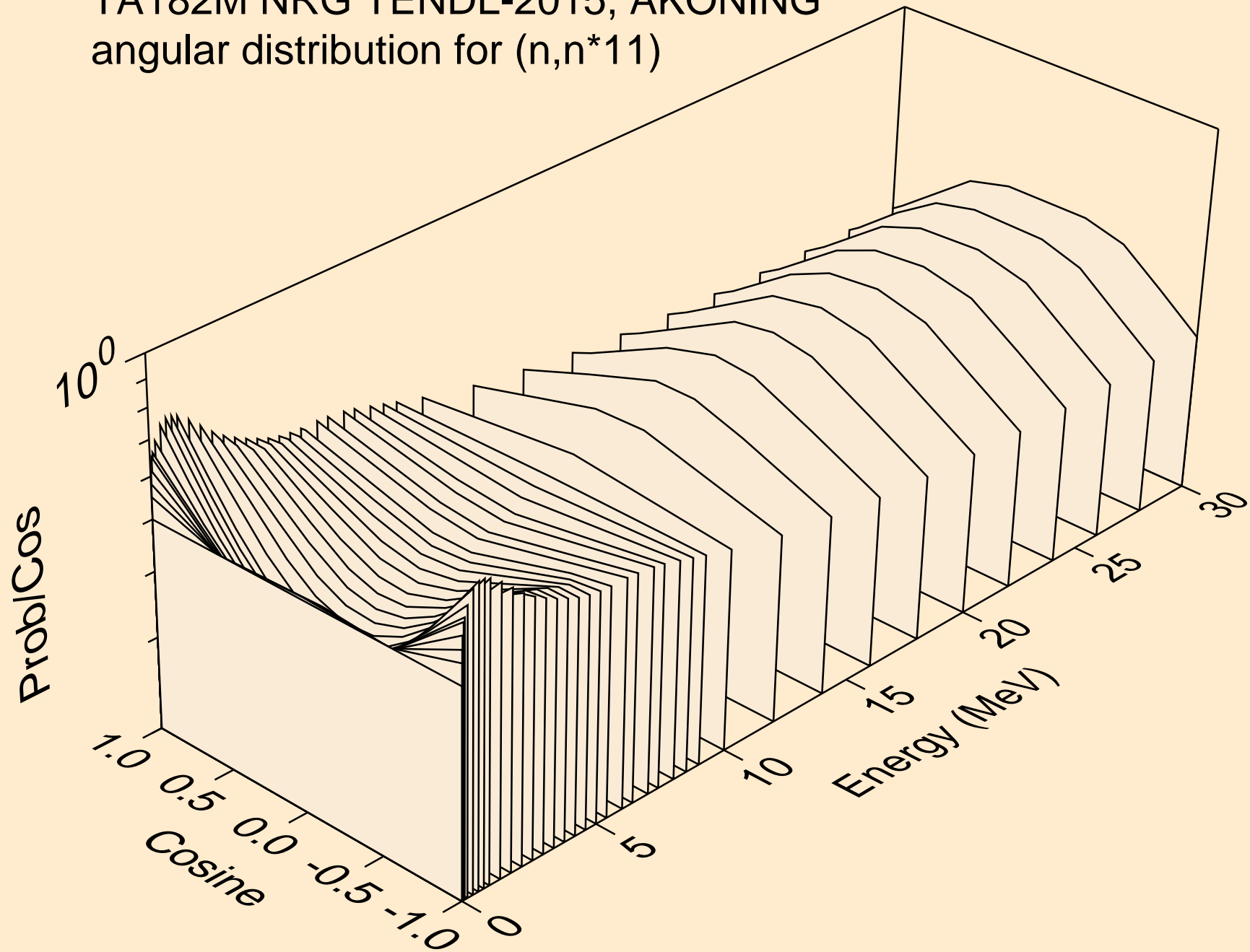
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angular distribution for (n,n\*9)



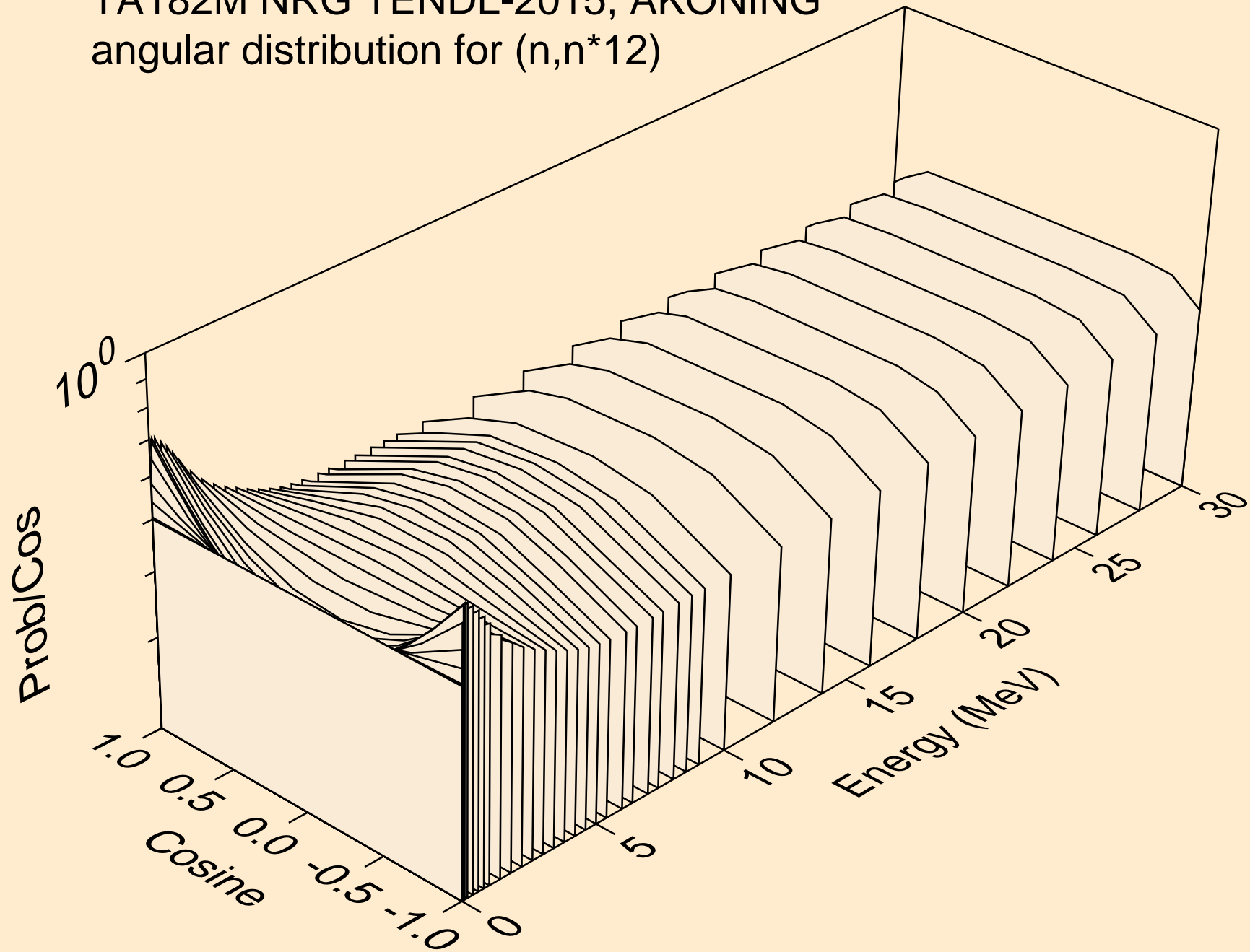
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angular distribution for (n,n\*10)



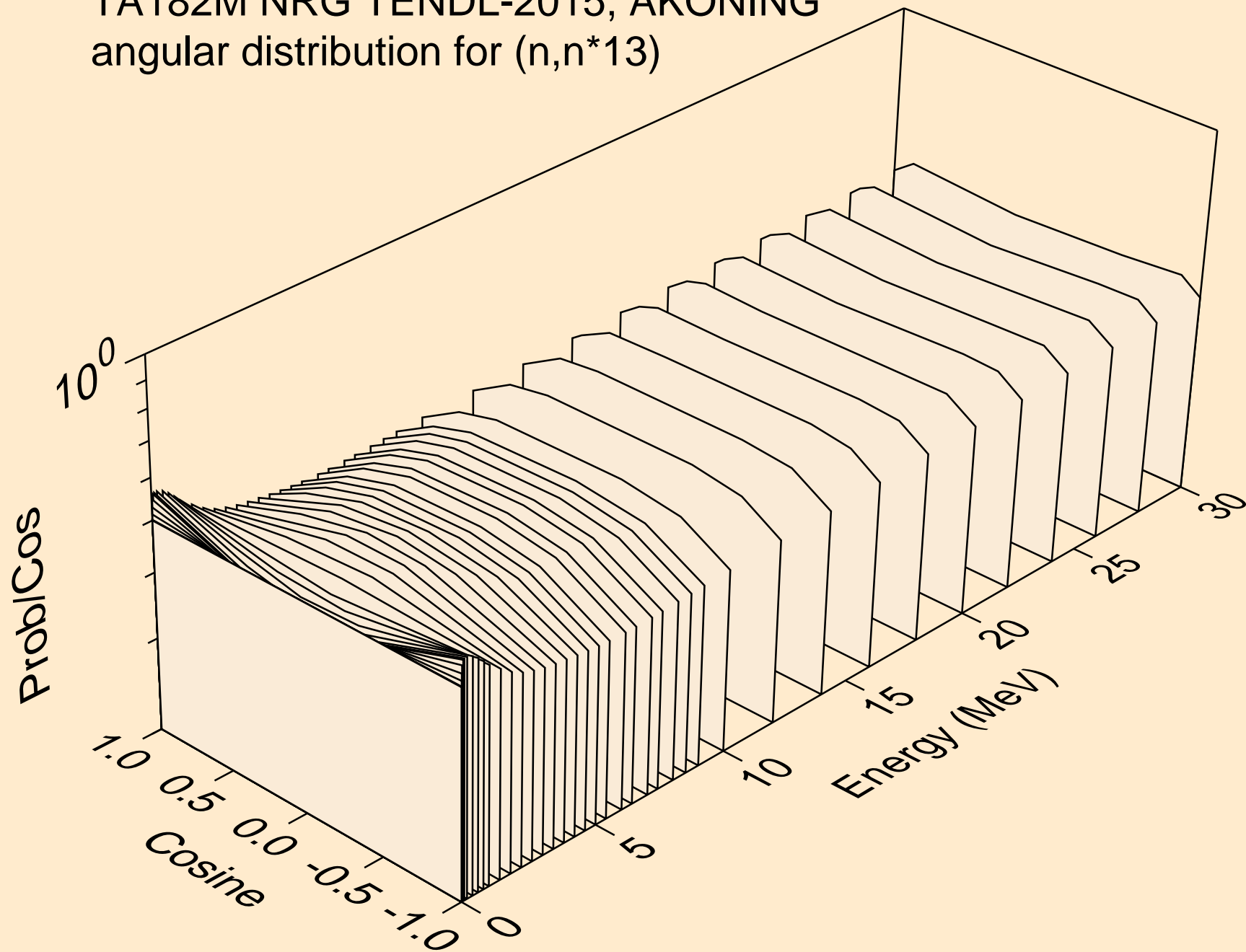
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angular distribution for (n,n\*11)



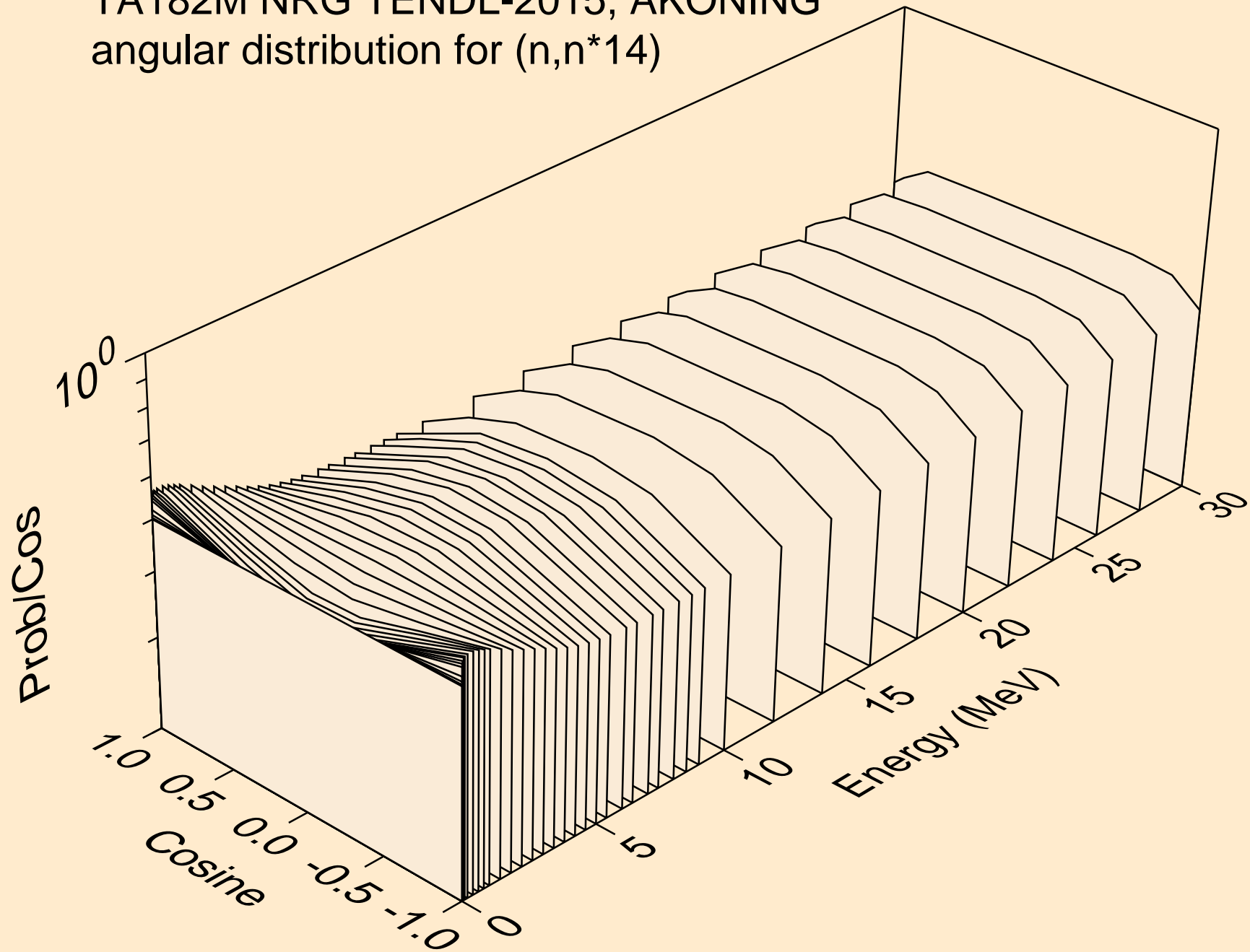
TA182M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



TA182M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

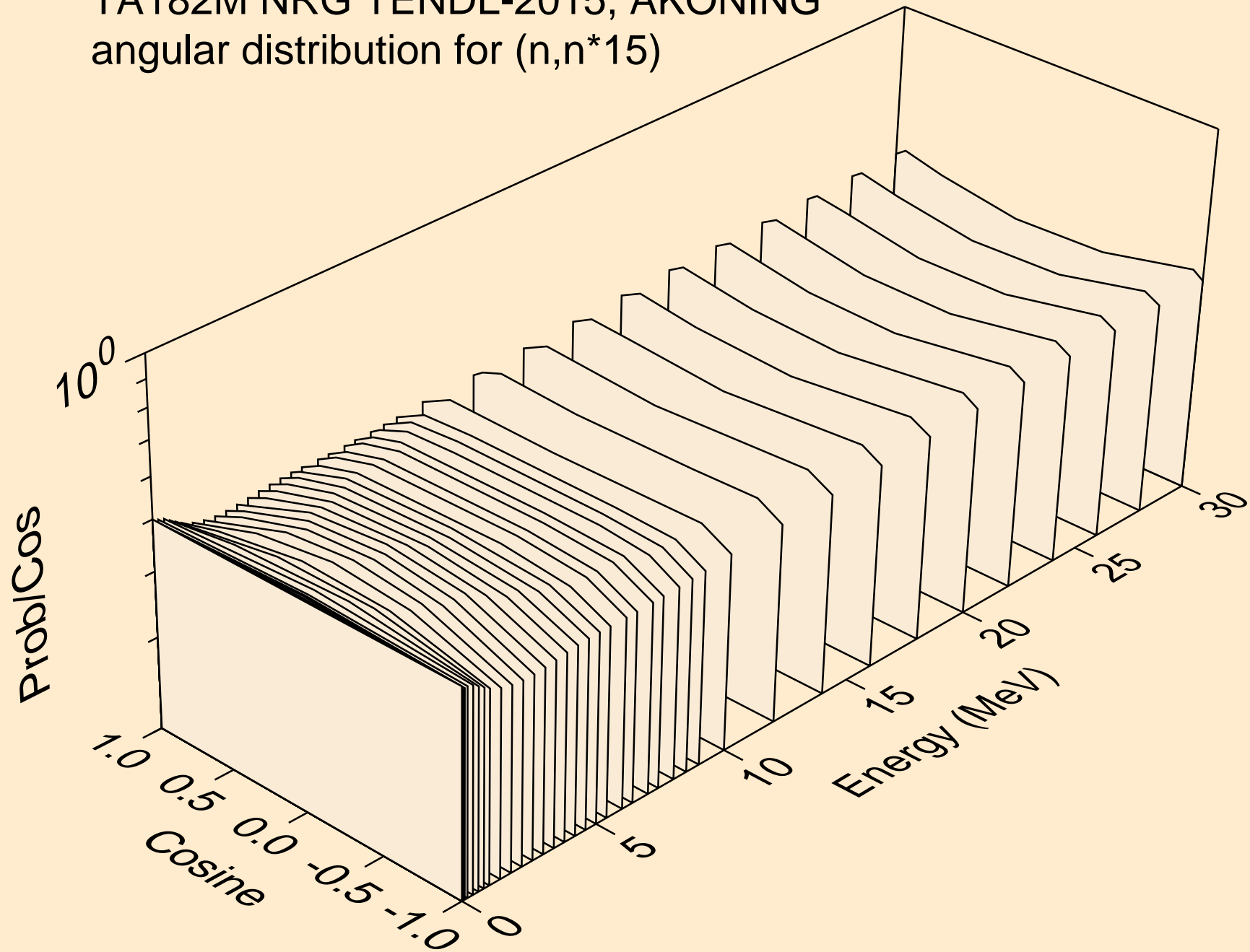


TA182M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

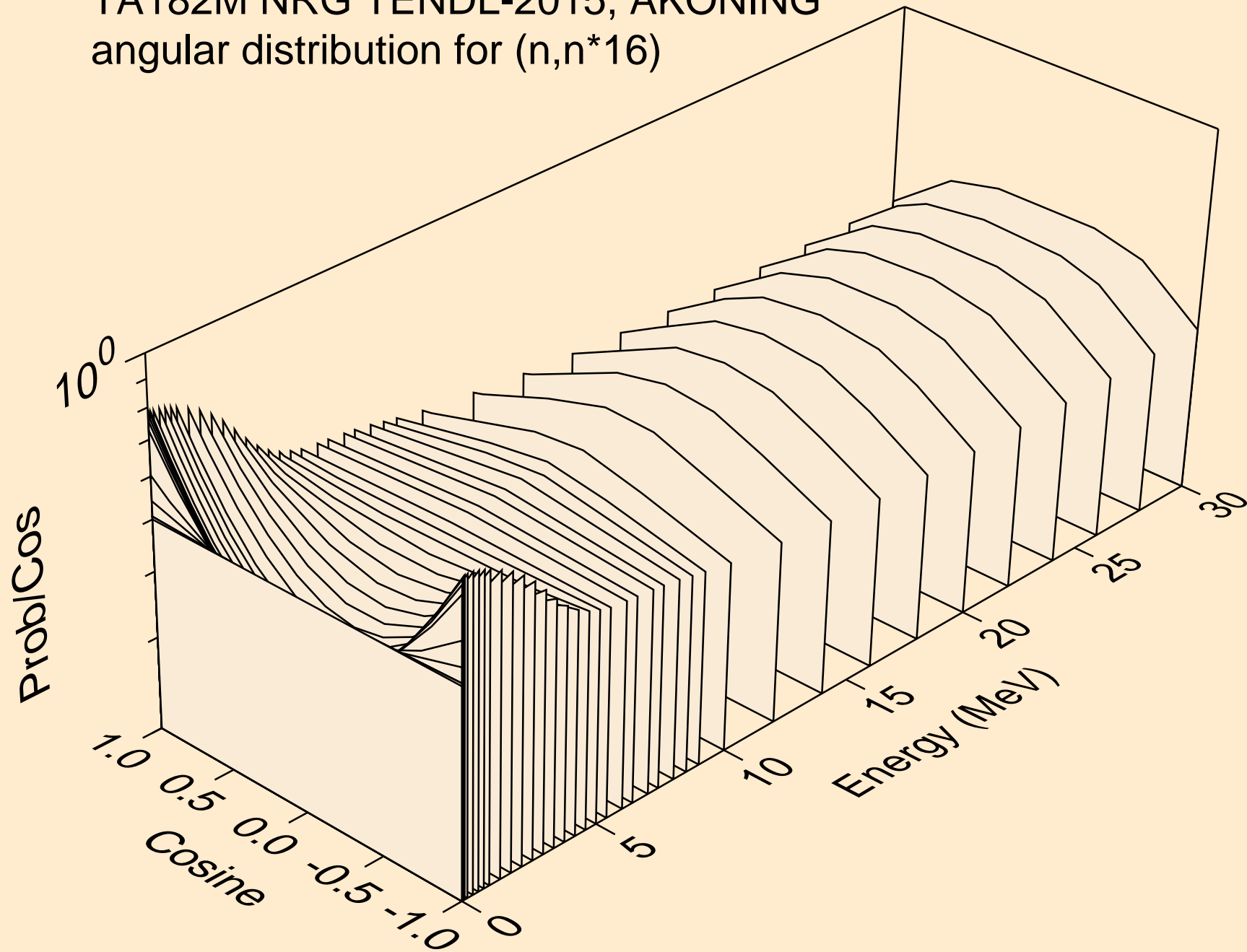




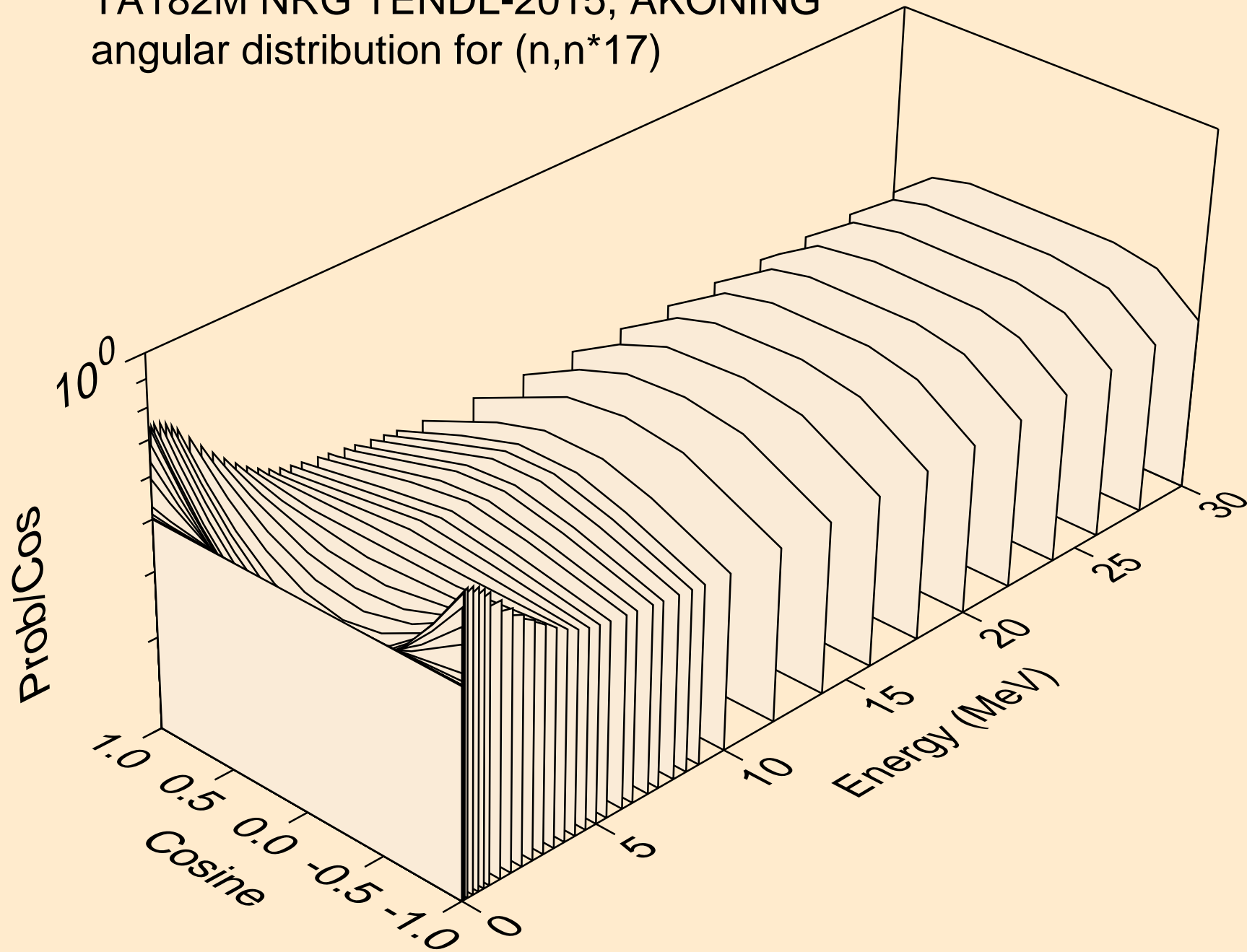
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angular distribution for (n,n\*15)



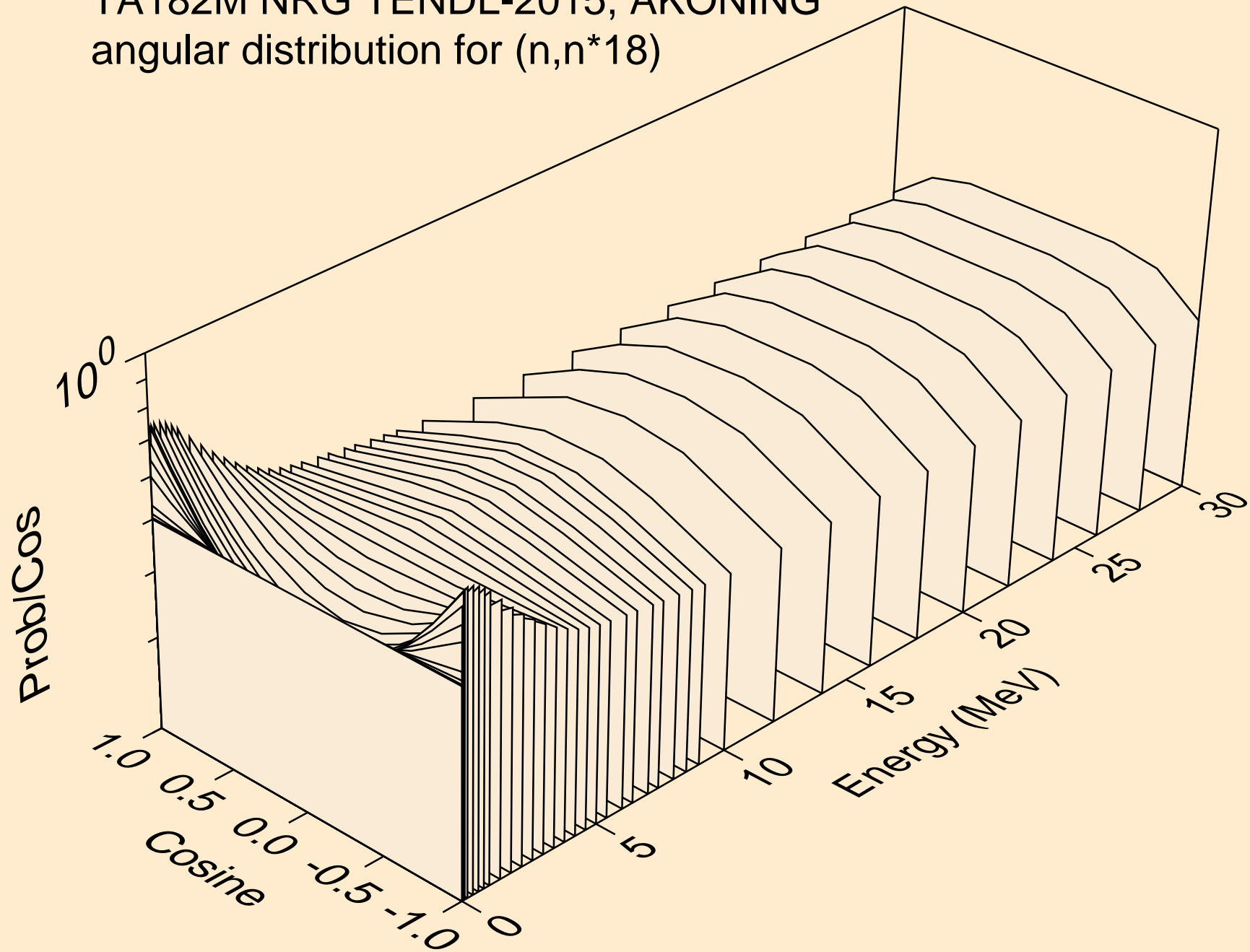
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angular distribution for (n,n\*16)



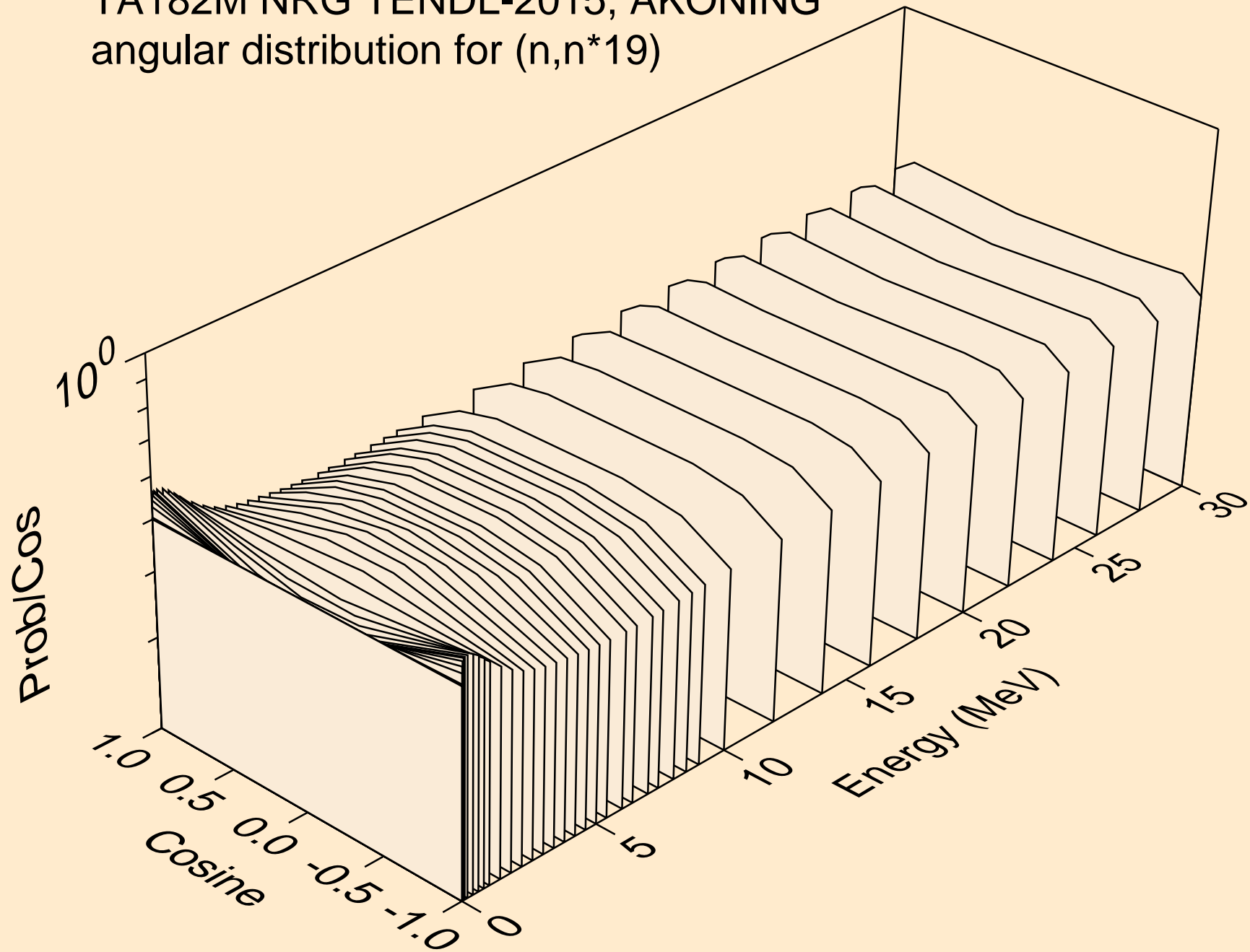
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angular distribution for (n,n\*17)



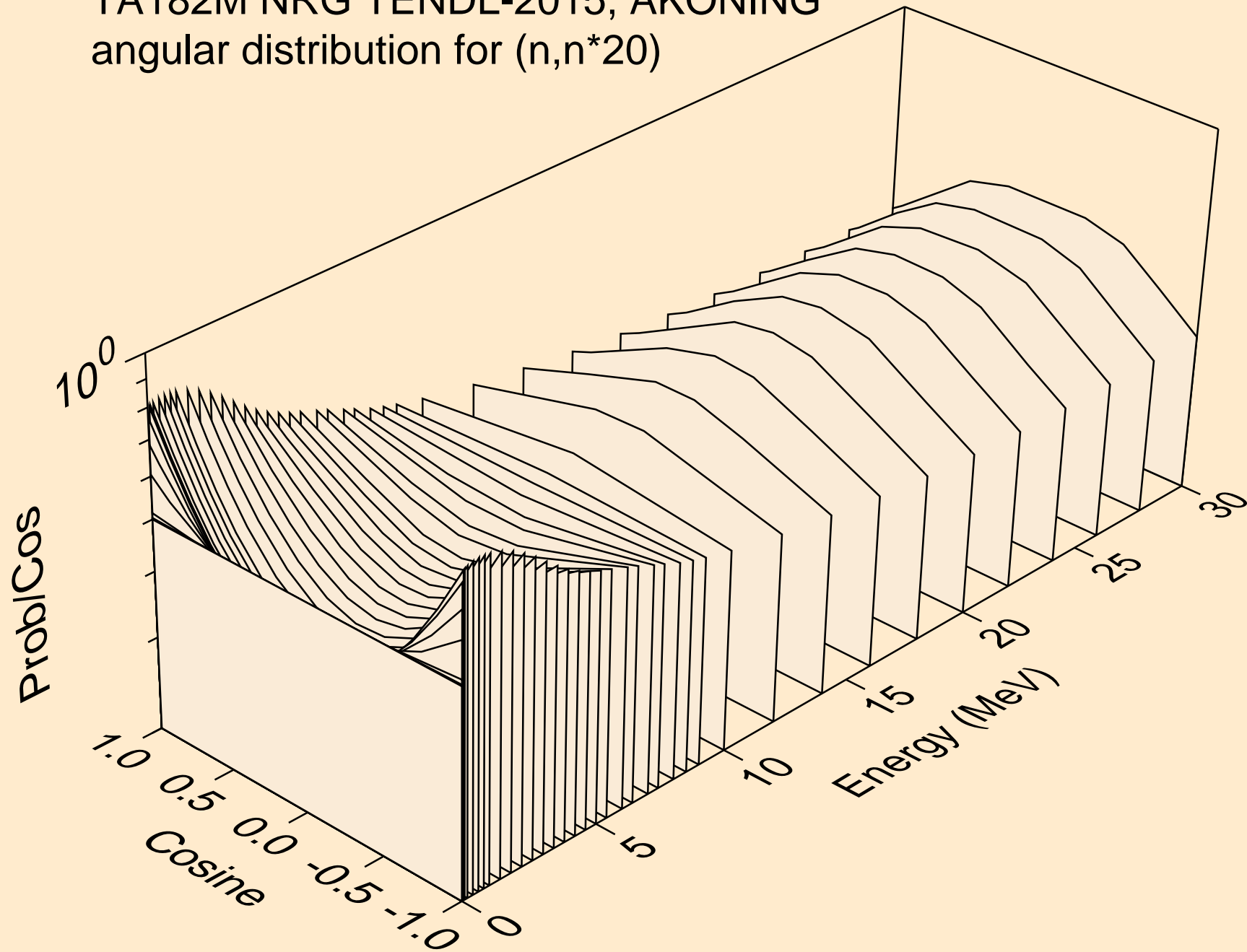
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angular distribution for (n,n\*18)



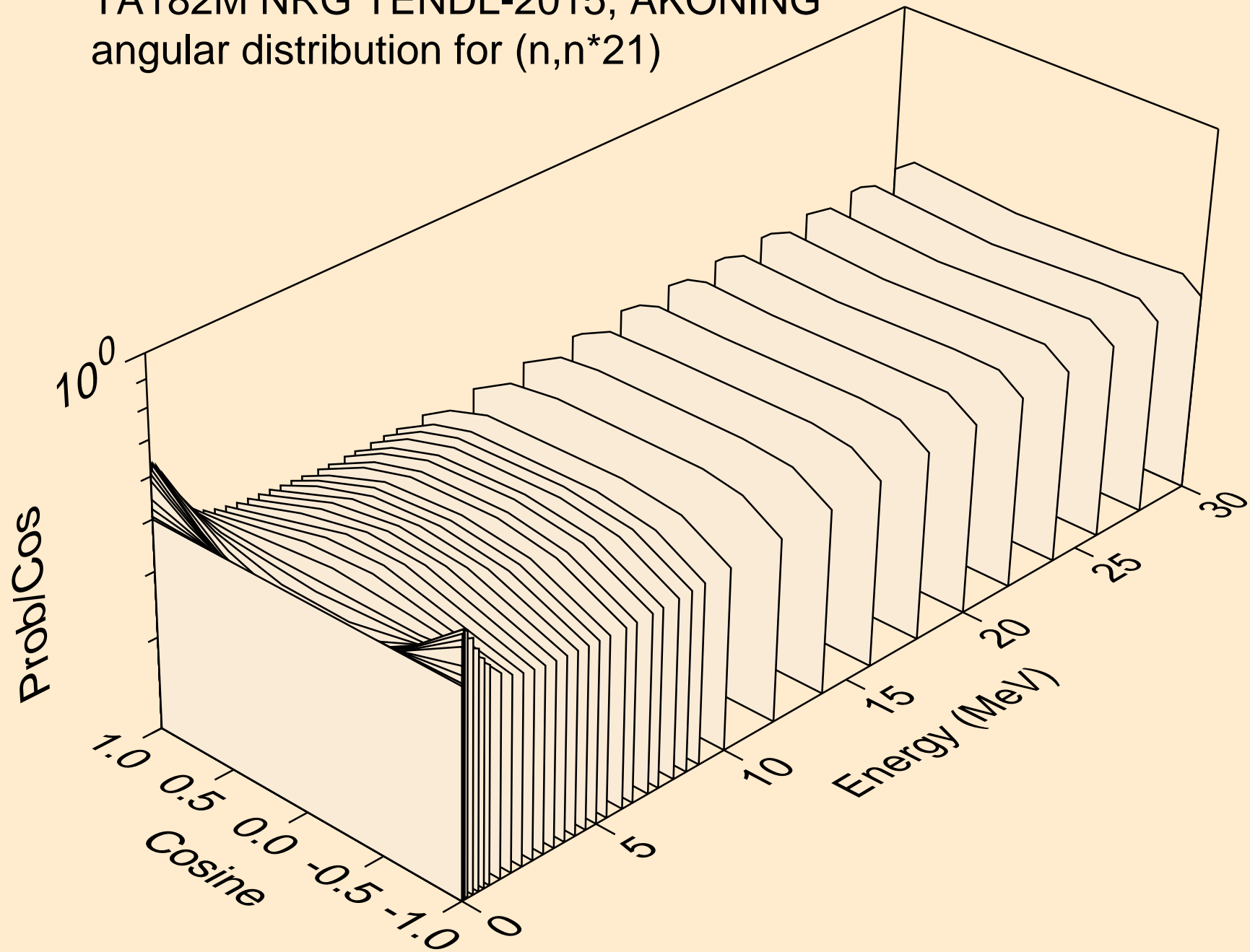
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angular distribution for (n,n\*19)



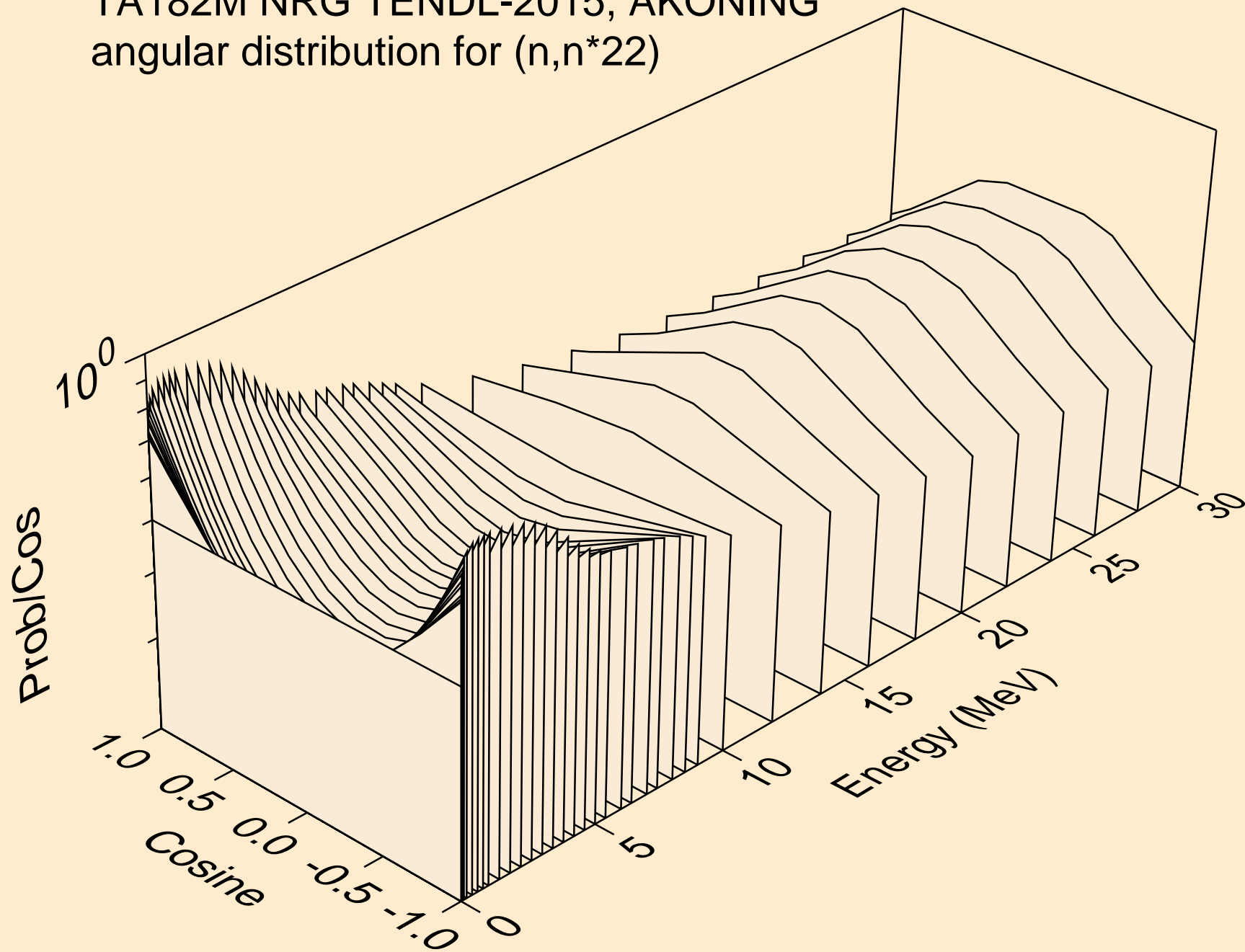
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angular distribution for (n,n\*20)



TA182M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

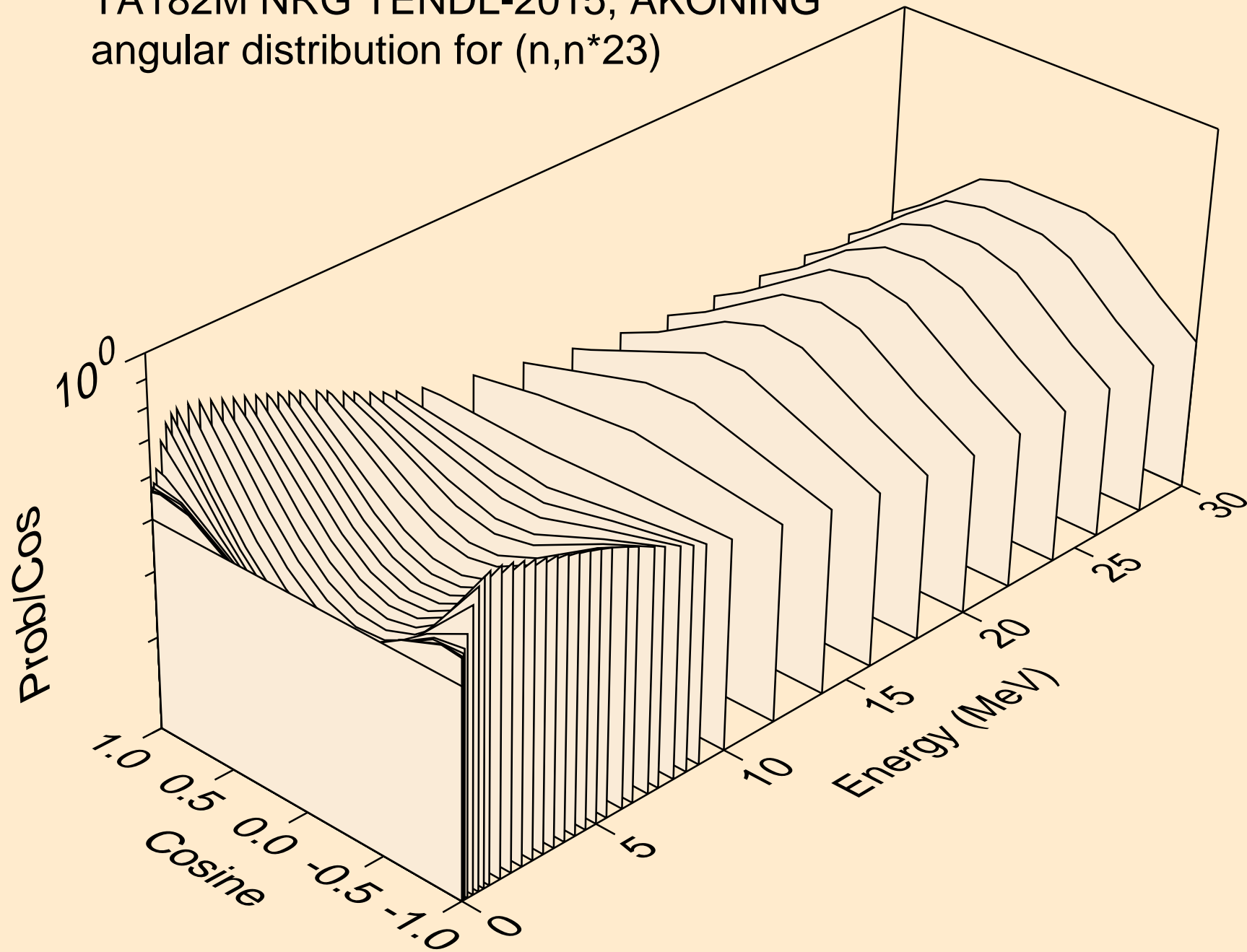


TA182M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

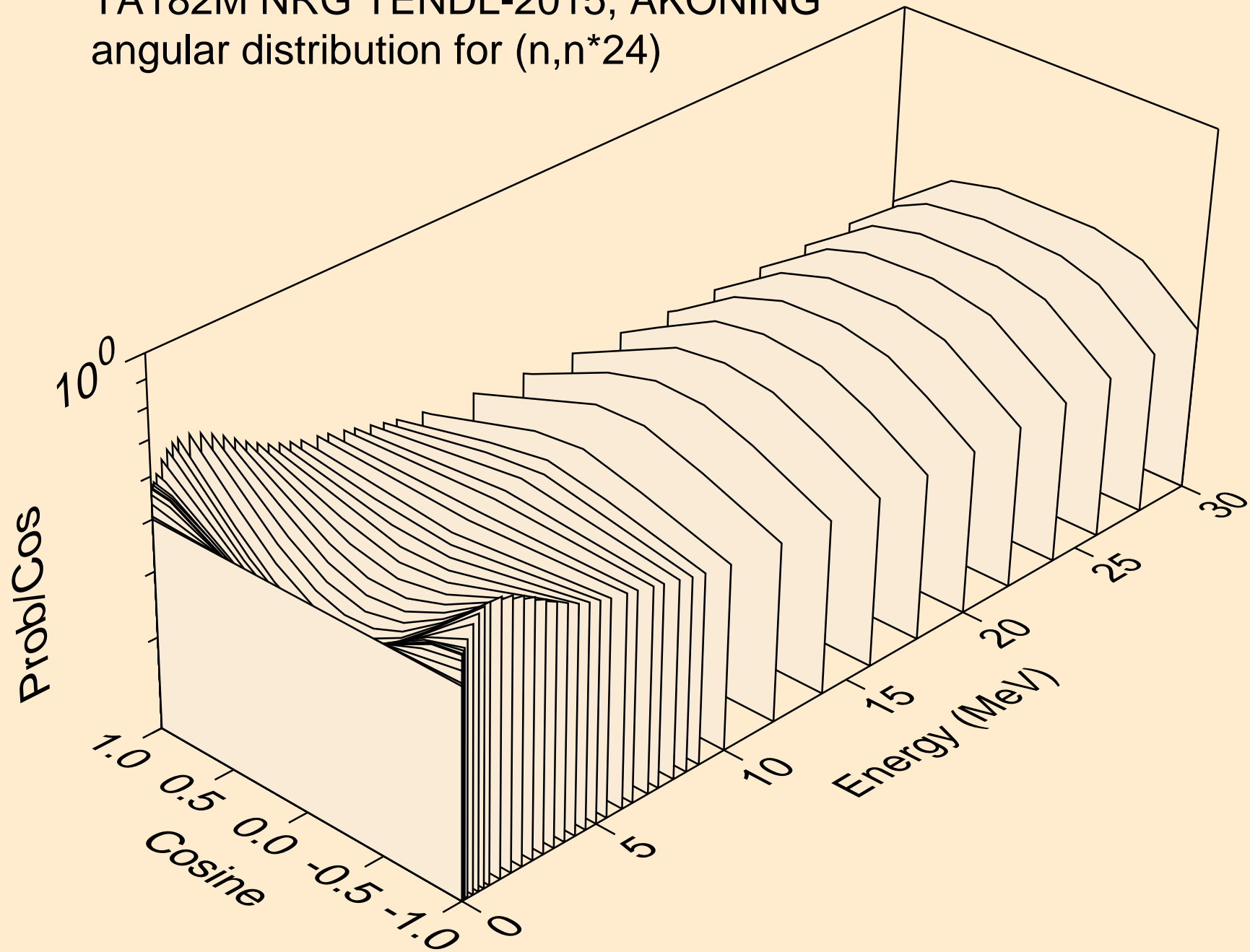




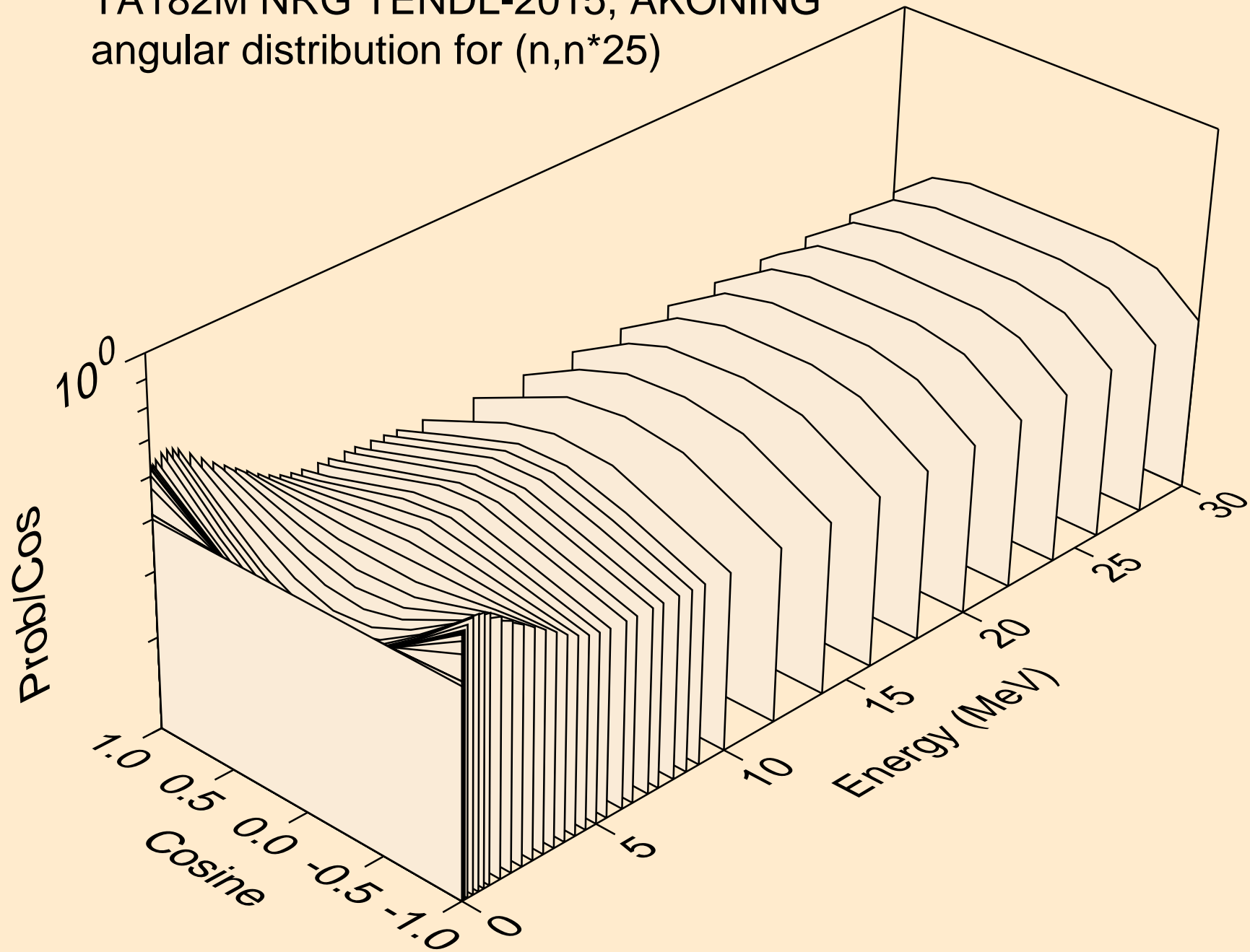
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angular distribution for (n,n\*23)



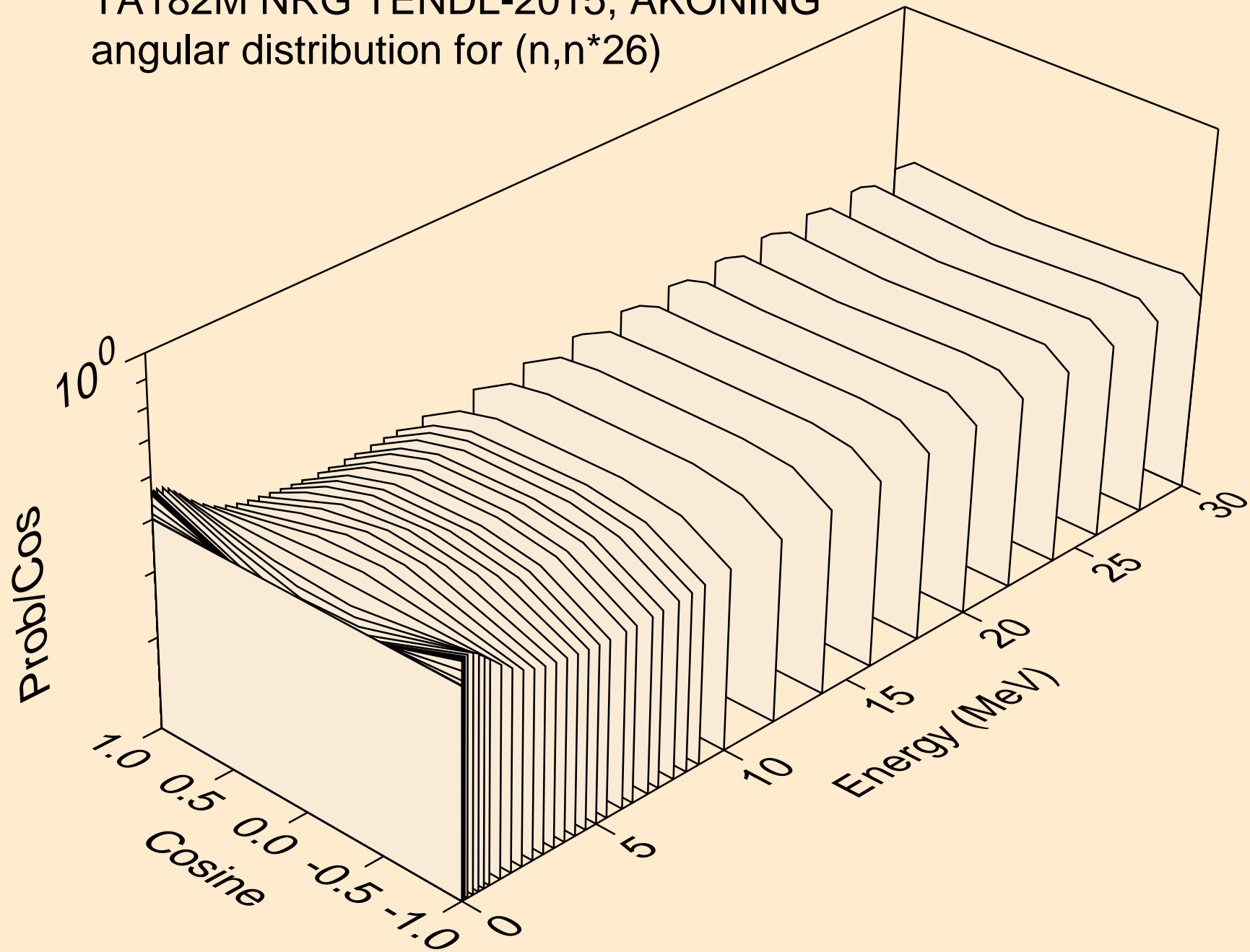
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angular distribution for (n,n\*24)



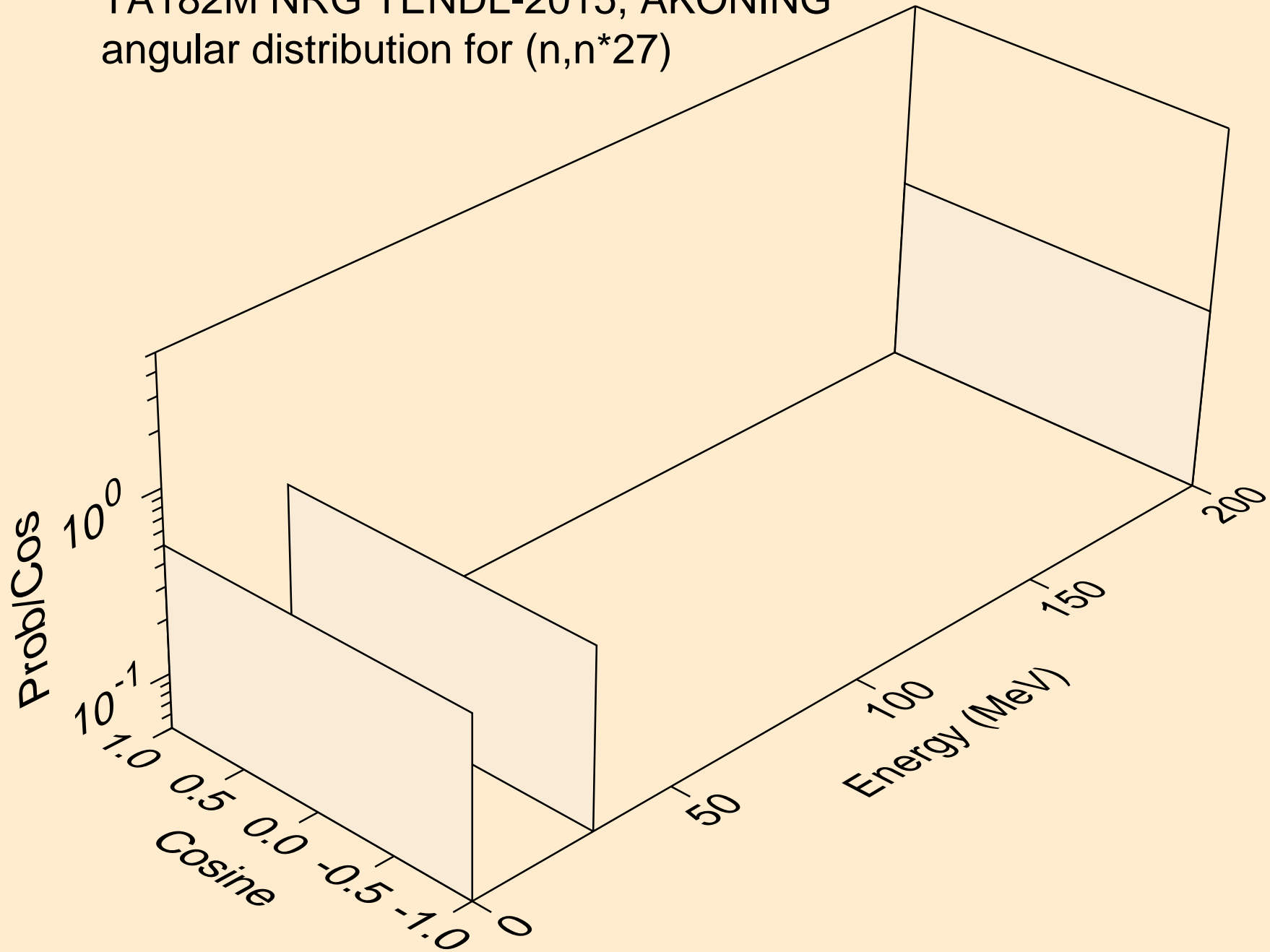
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angular distribution for (n,n\*25)



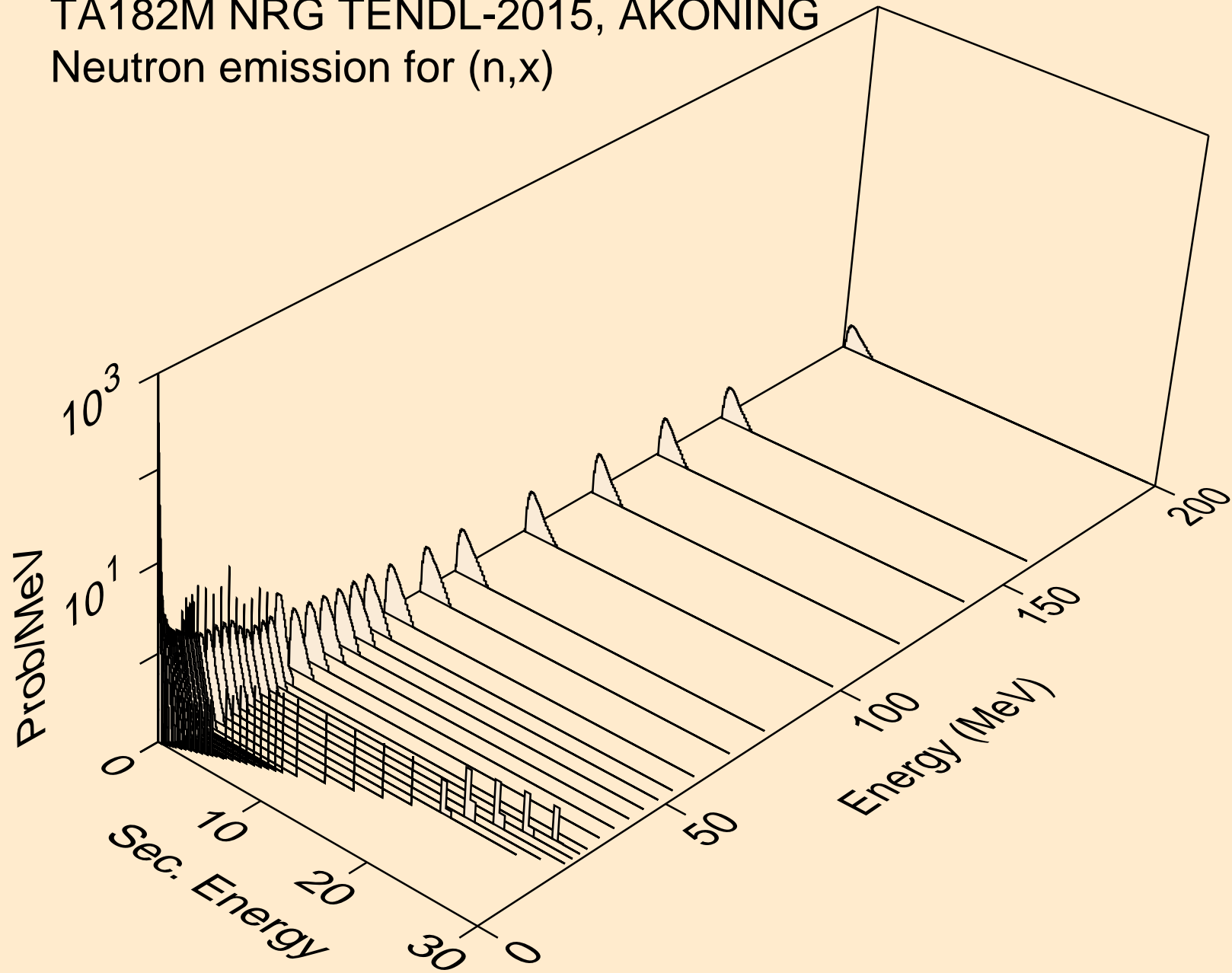
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angular distribution for (n,n\*26)



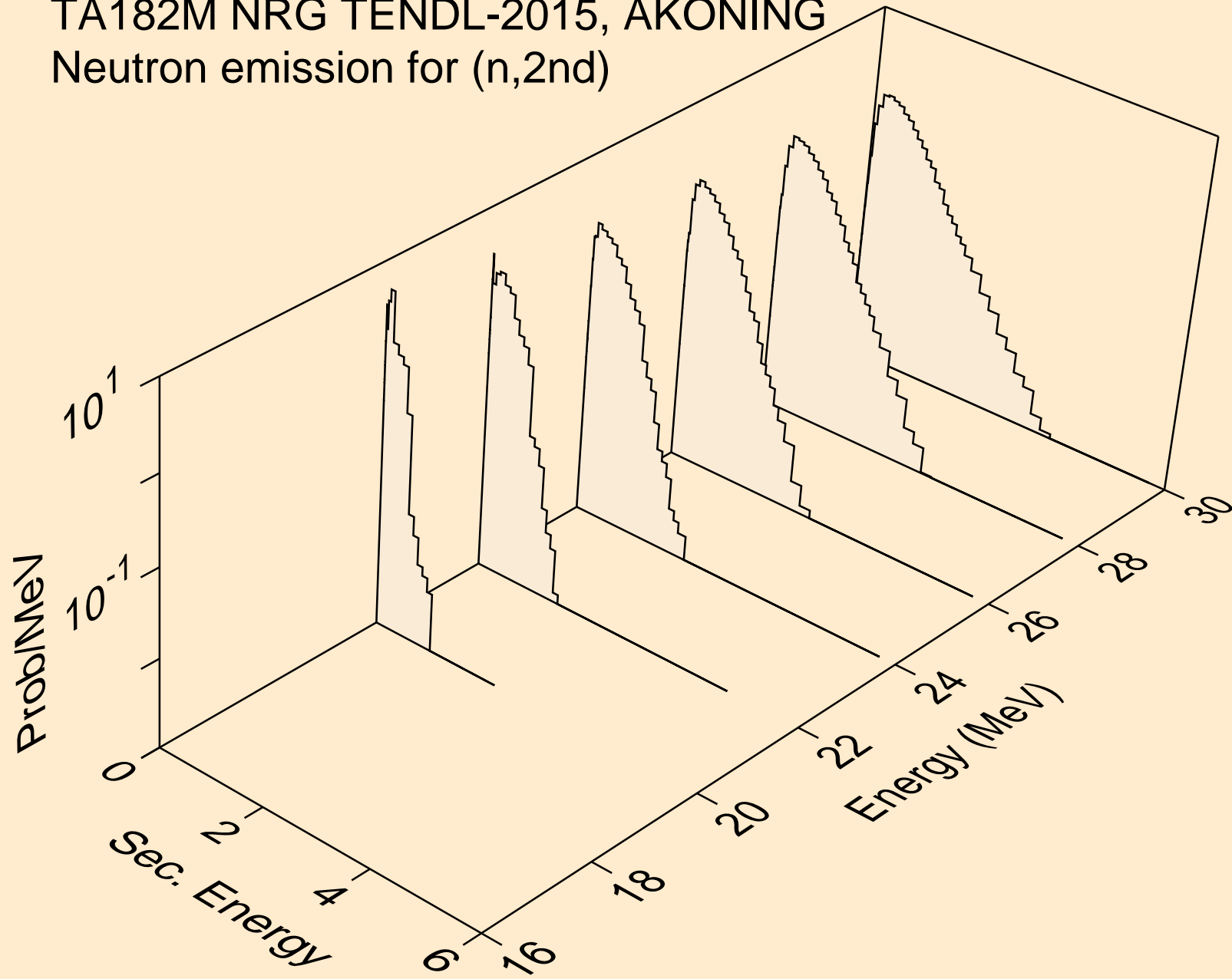
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angular distribution for (n,n\*27)



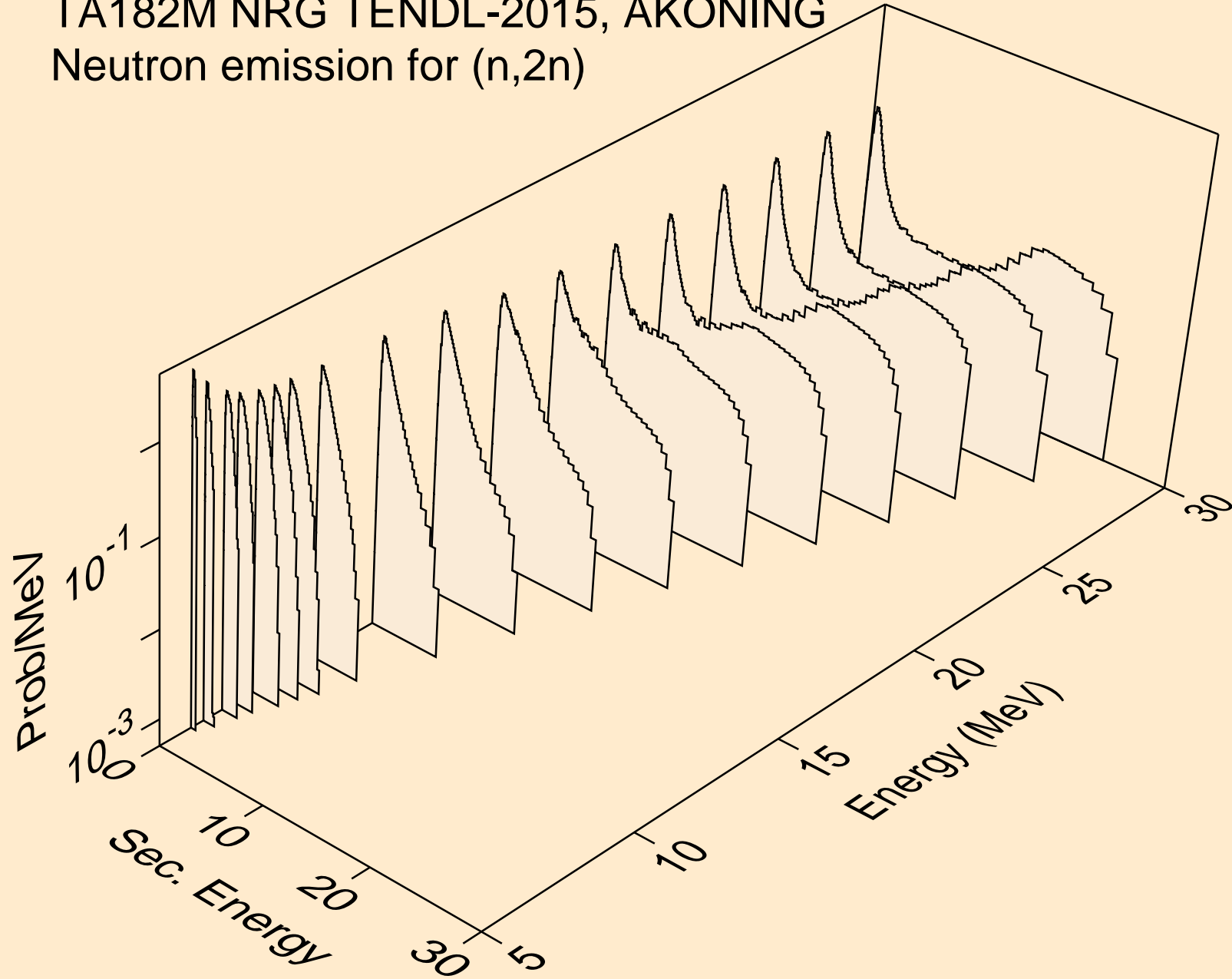
TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

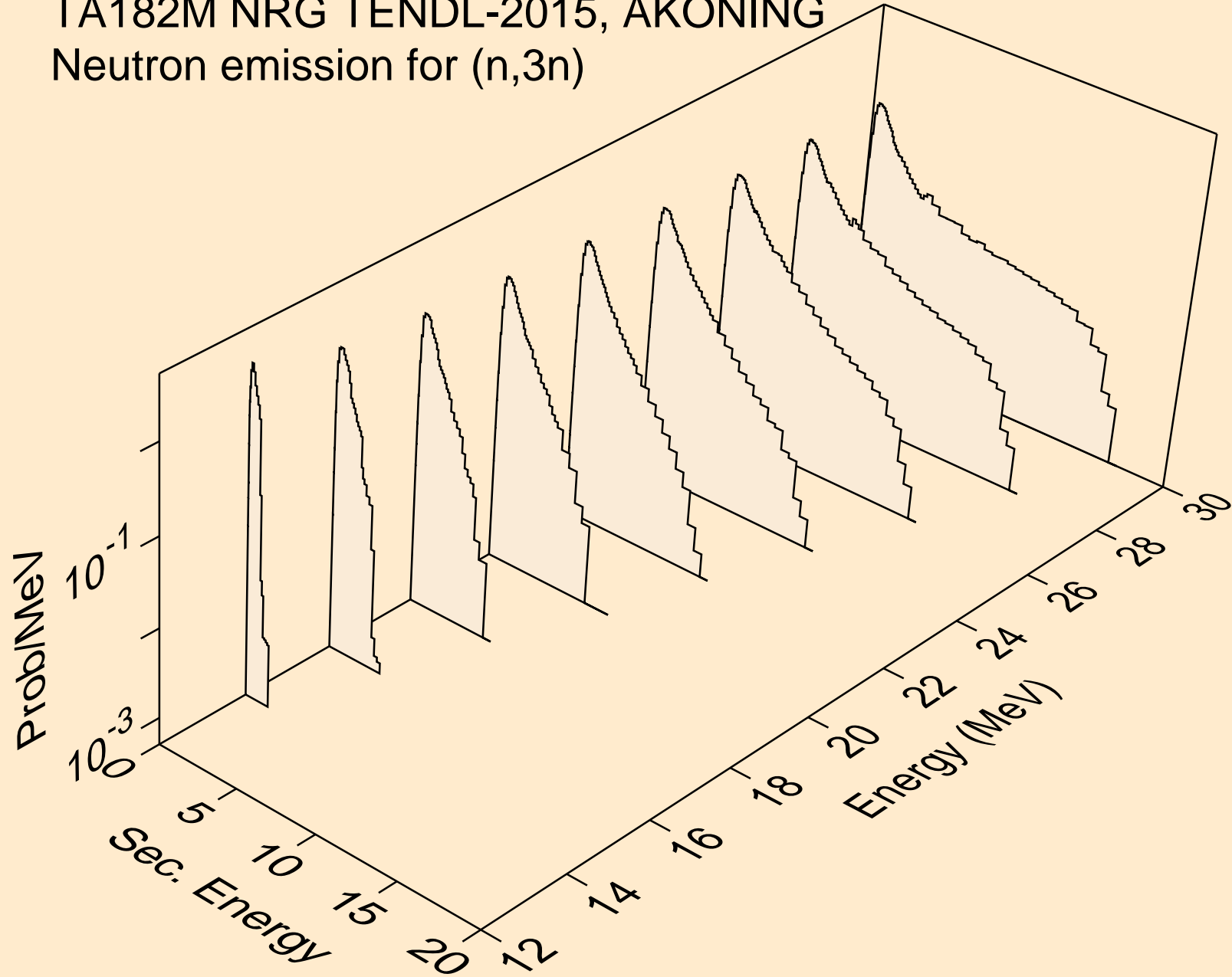


TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

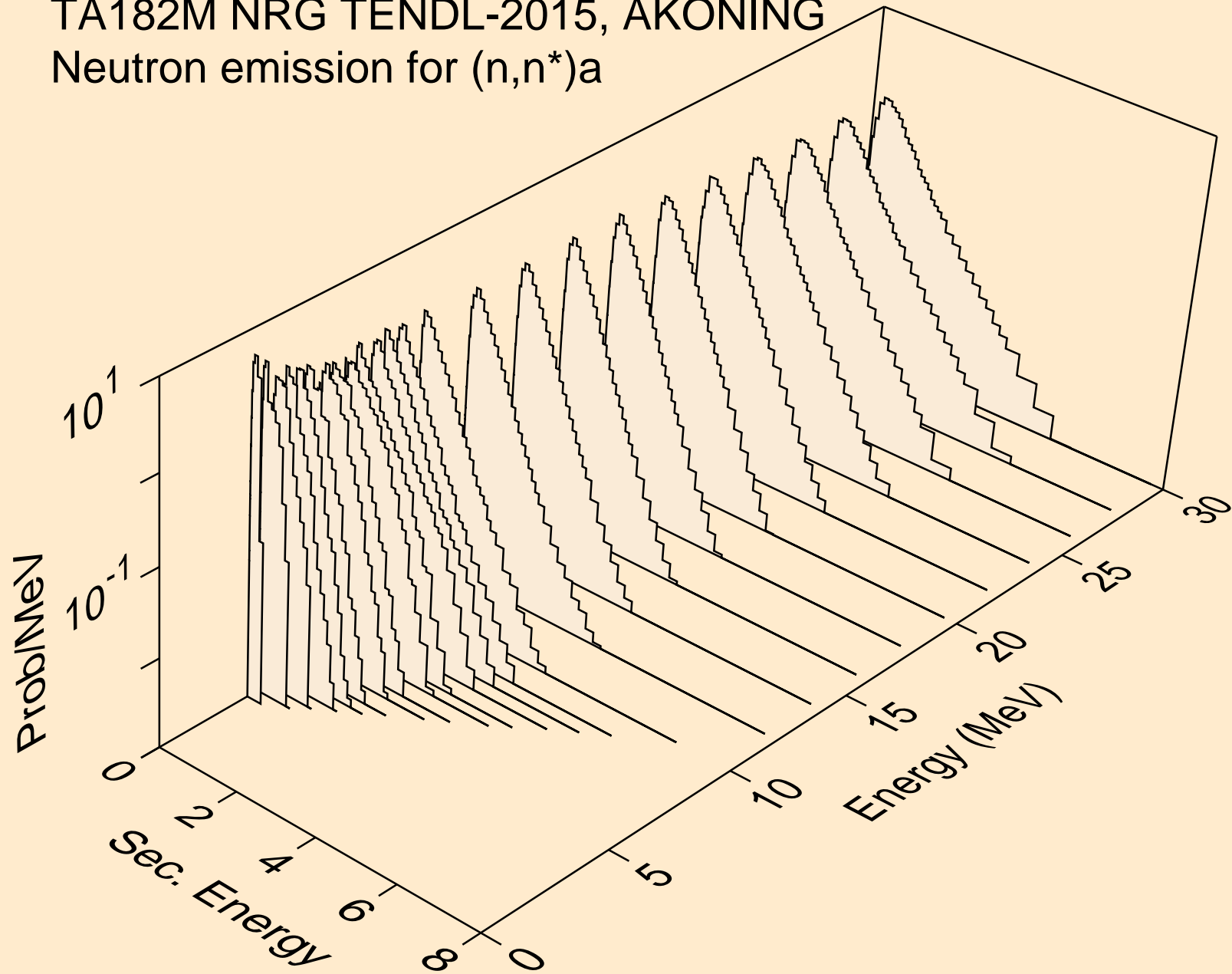




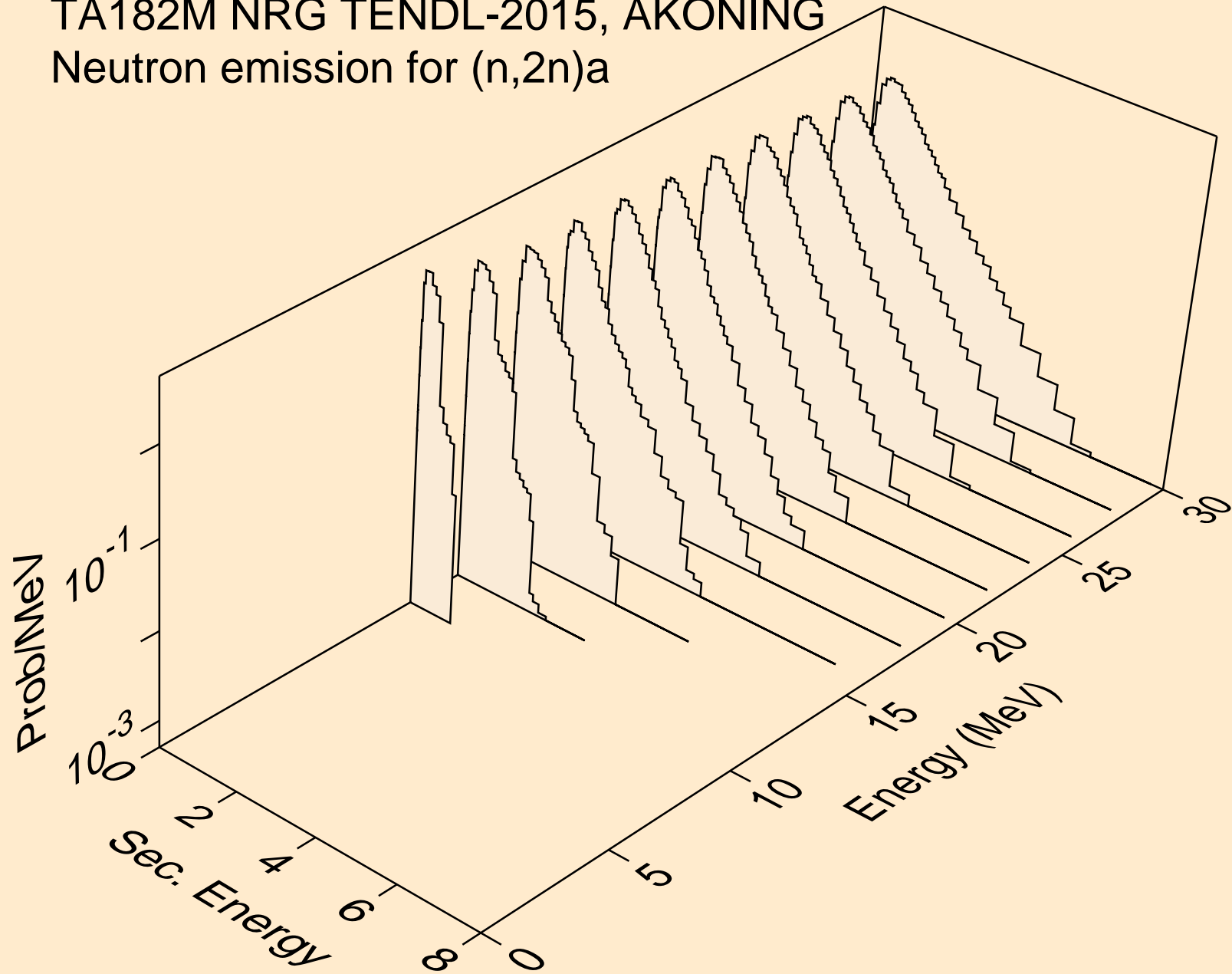
TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



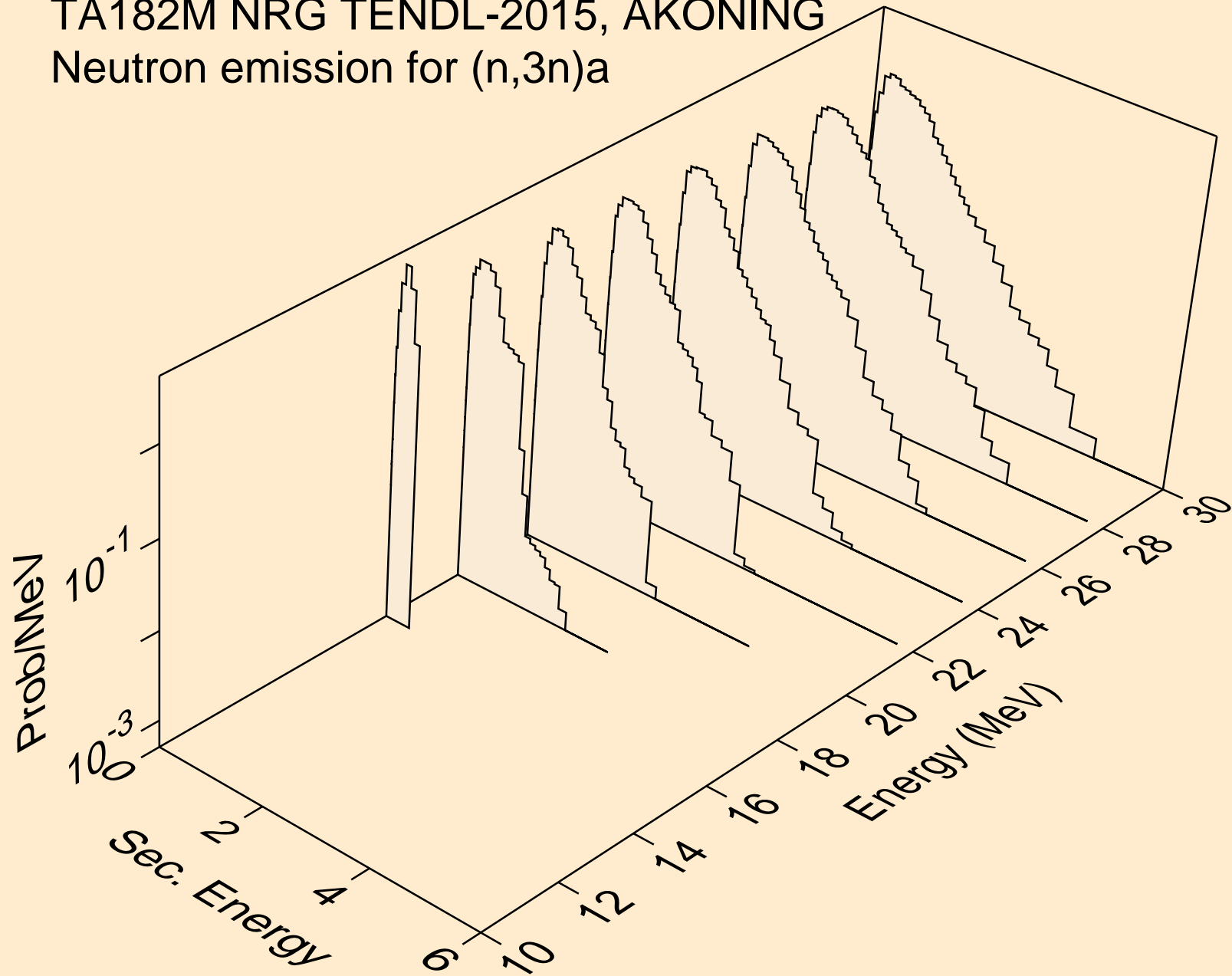
TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



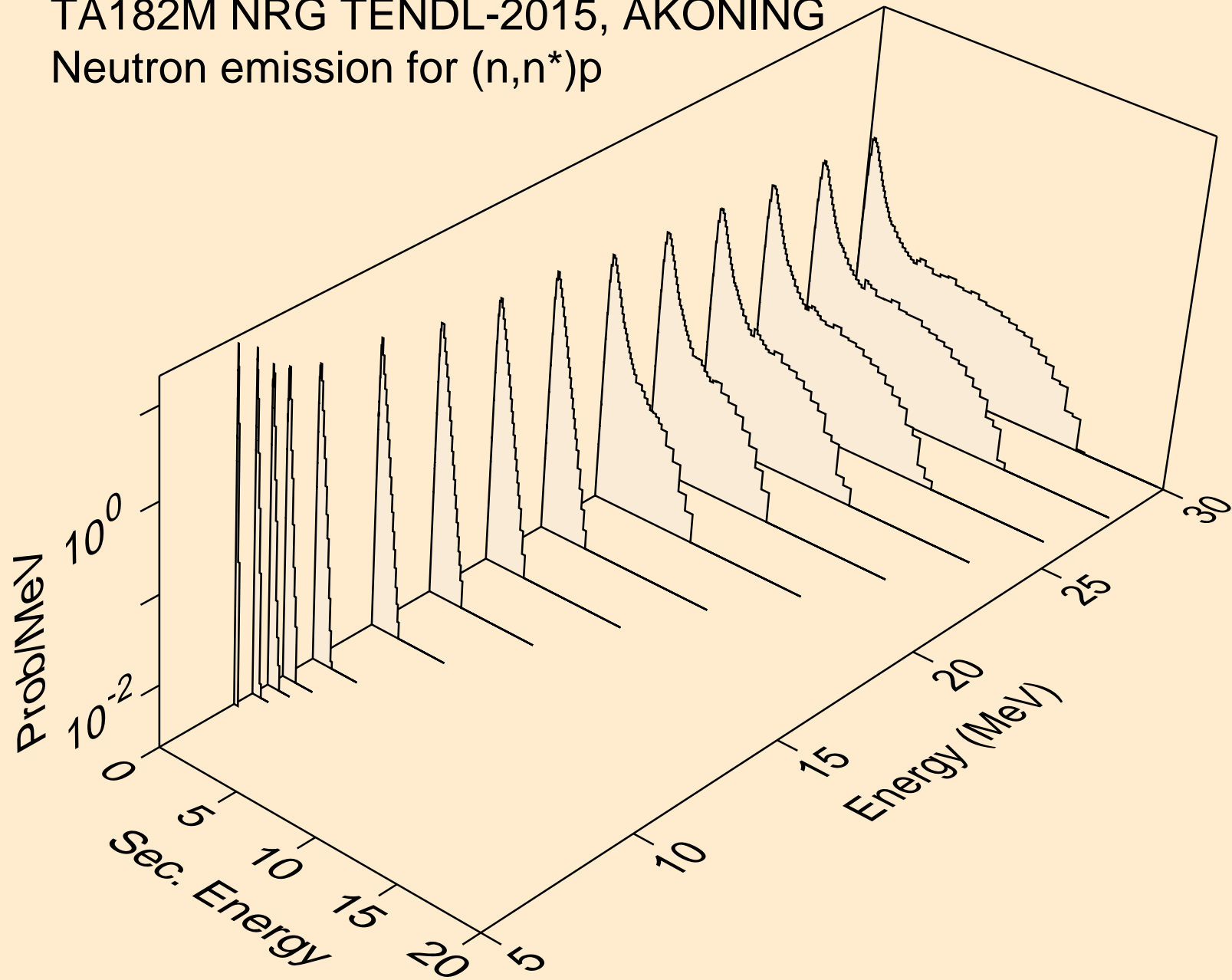
TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



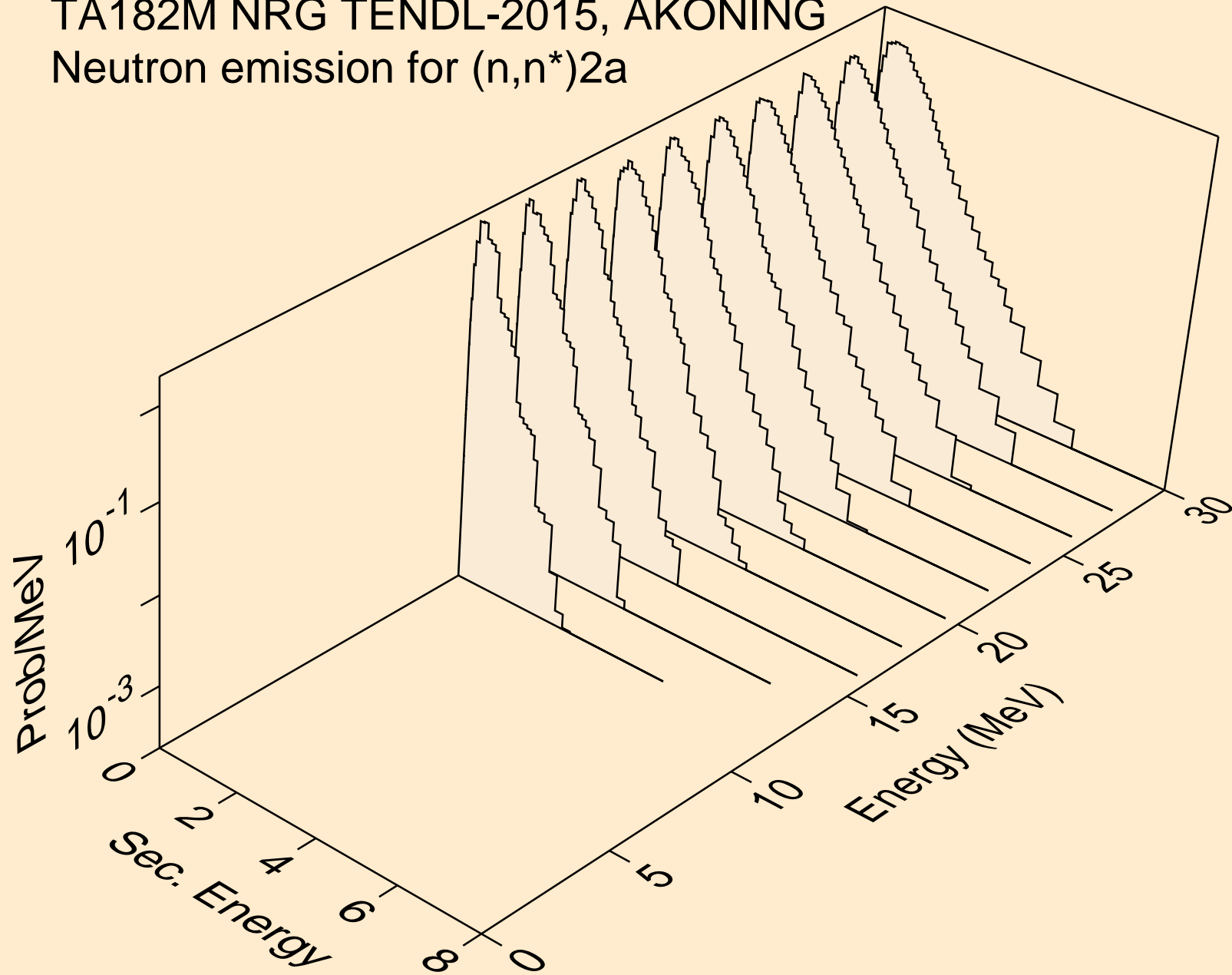
TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



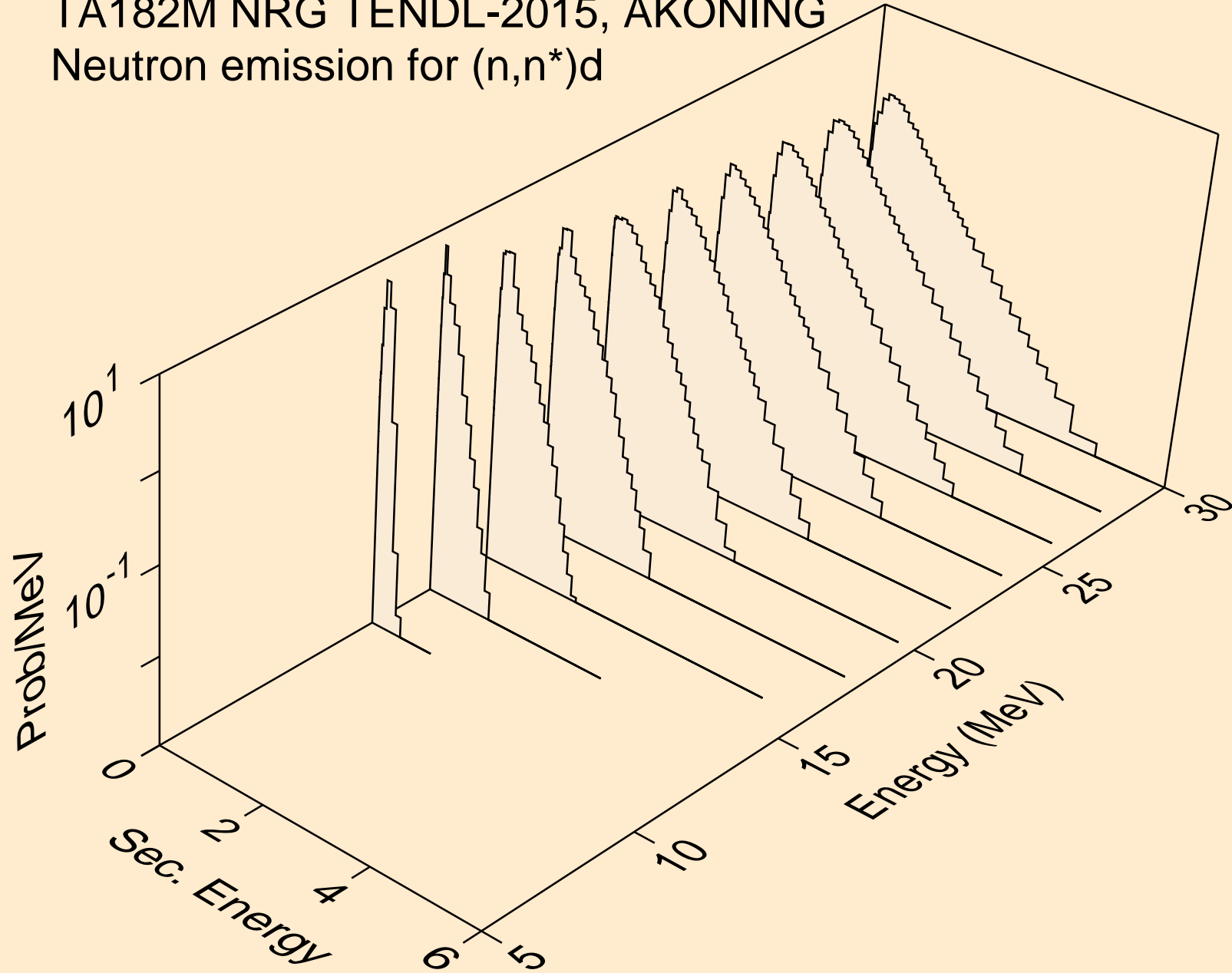
TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



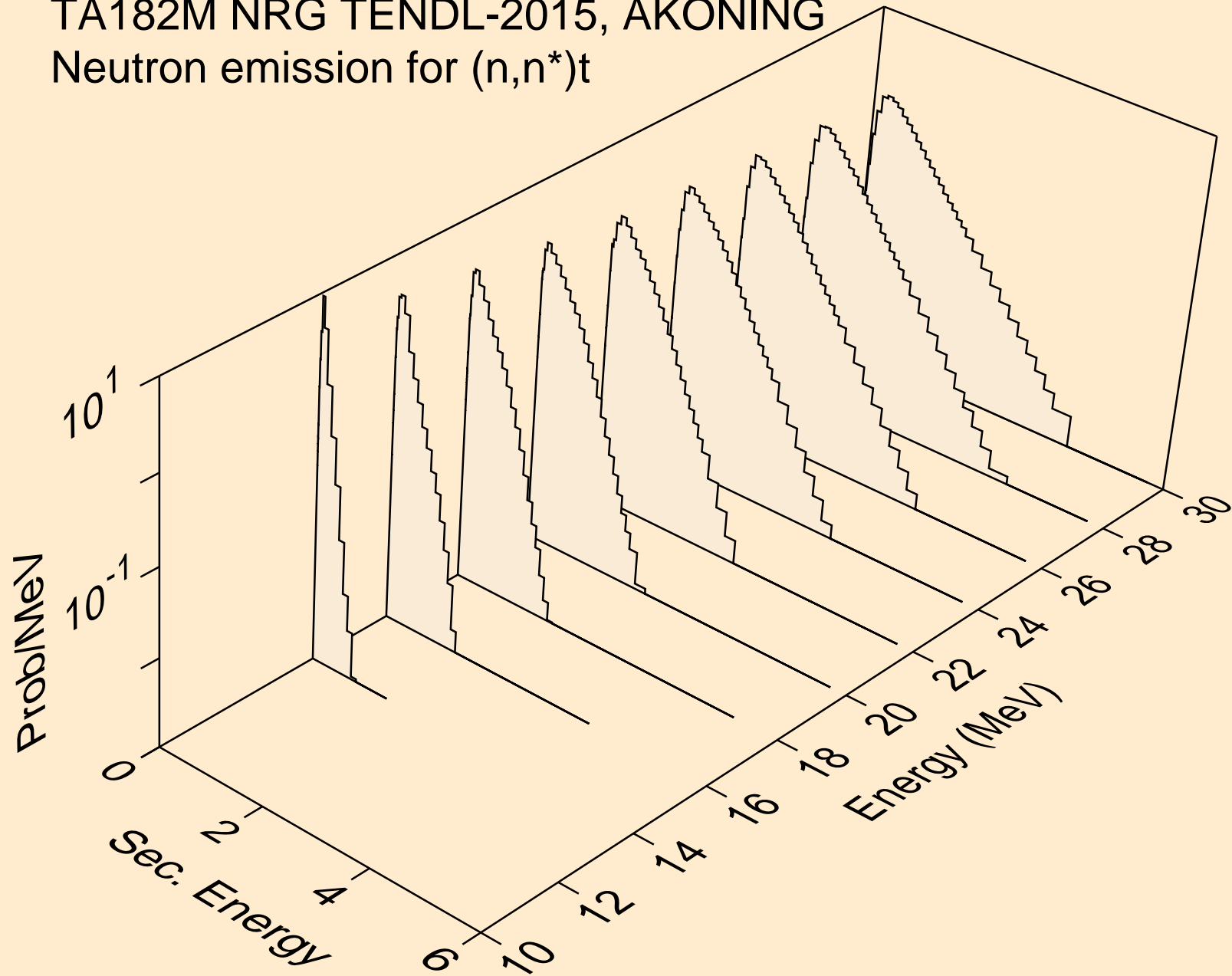
TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

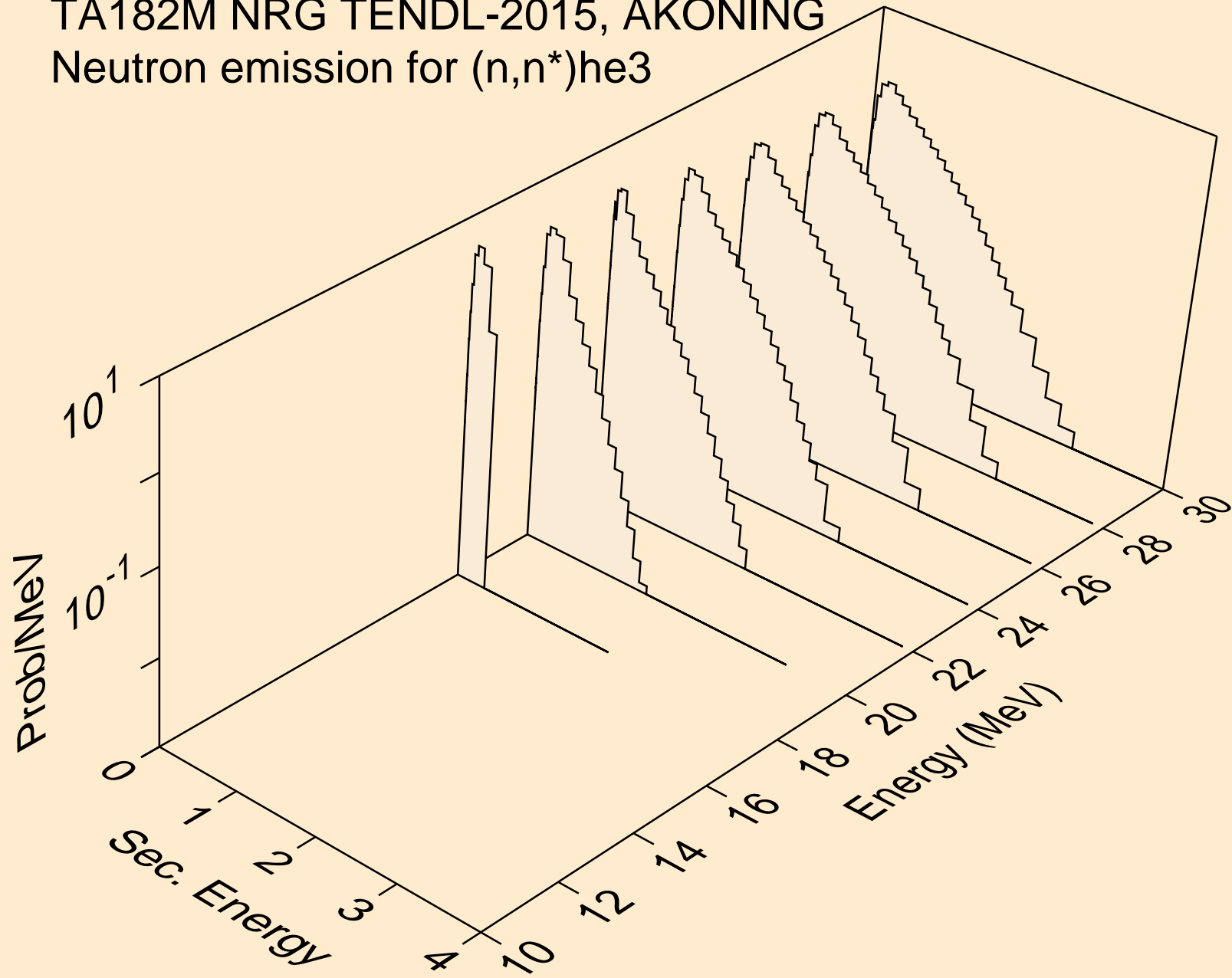


TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

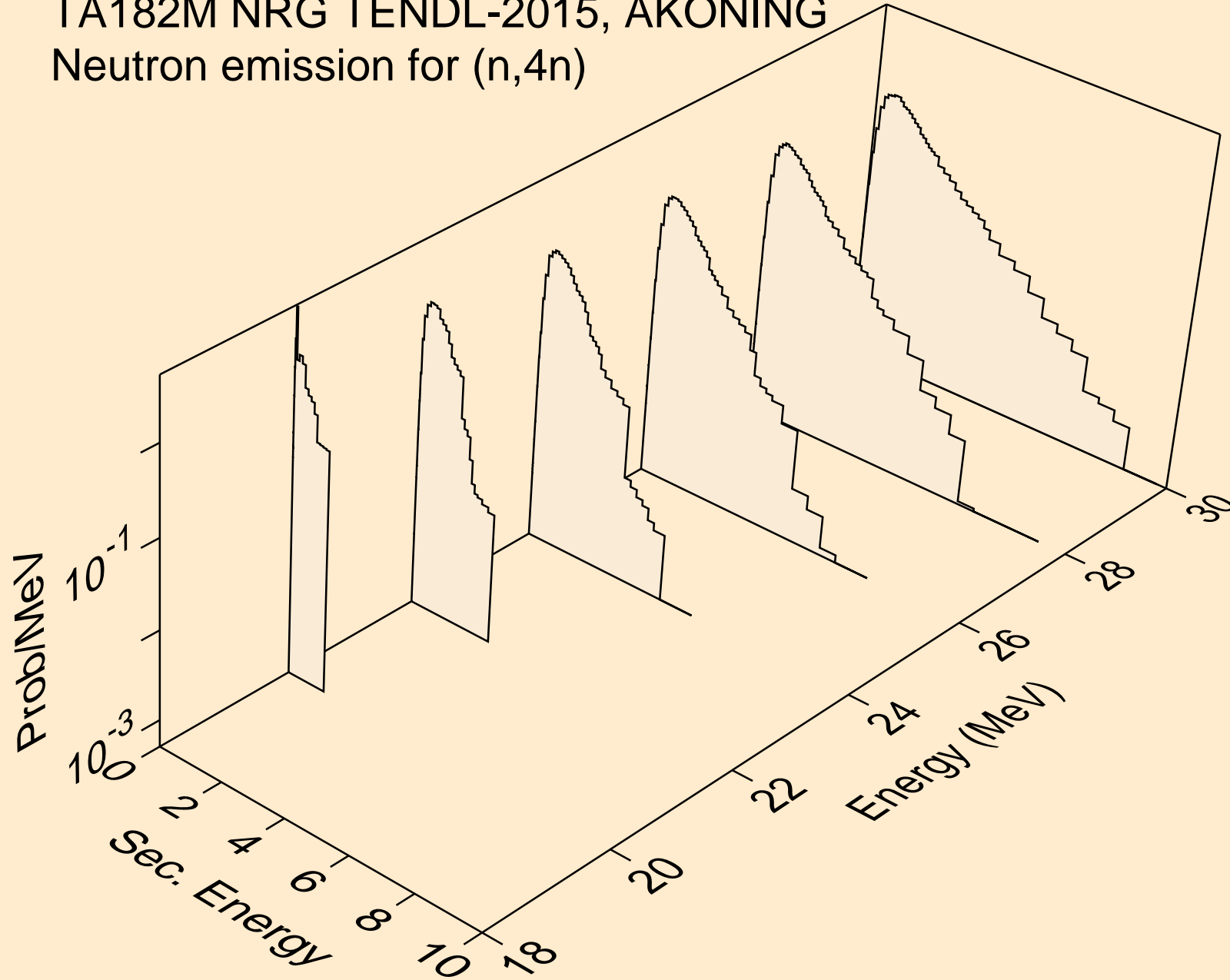




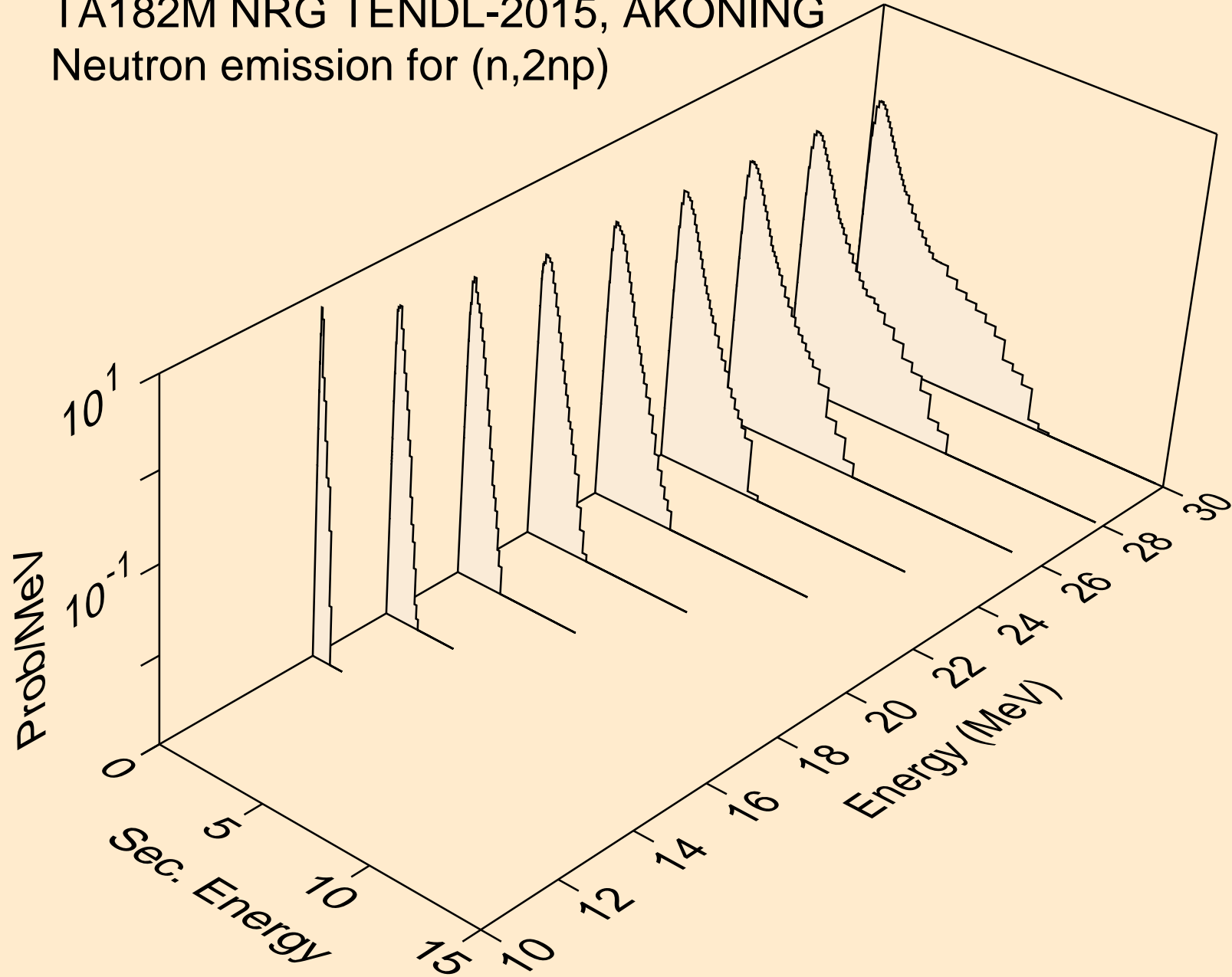
TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



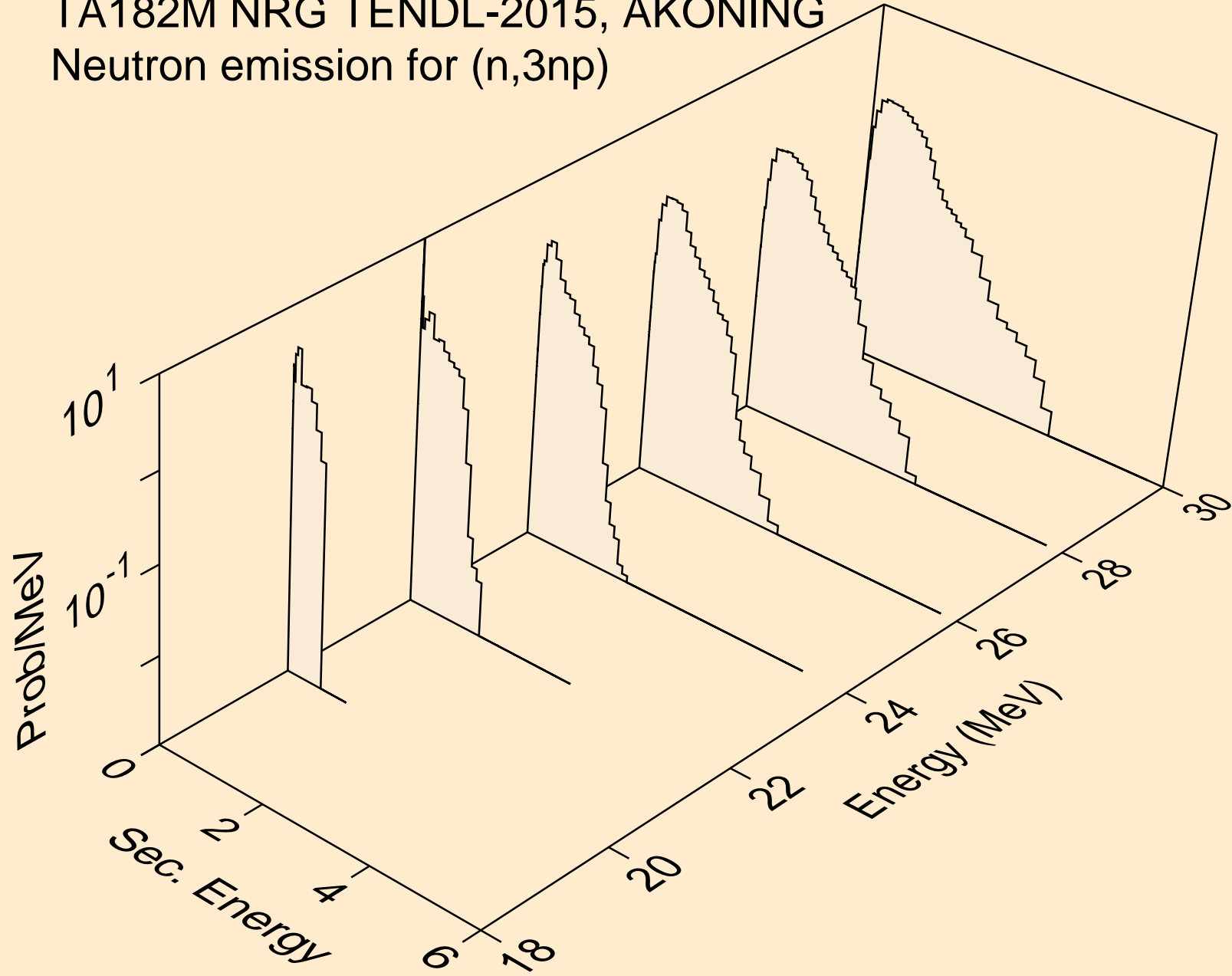
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Neutron emission for (n,4n)



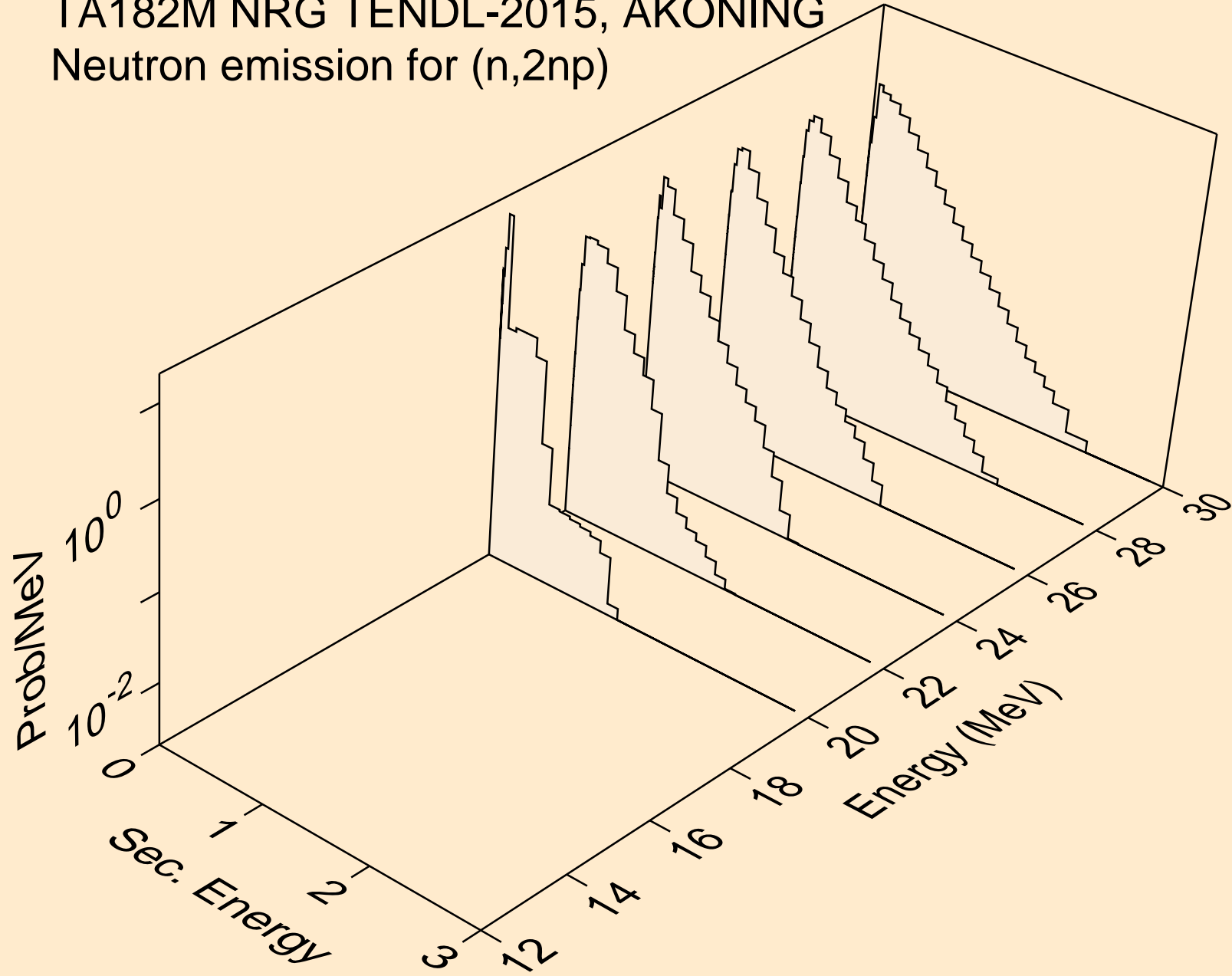
TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



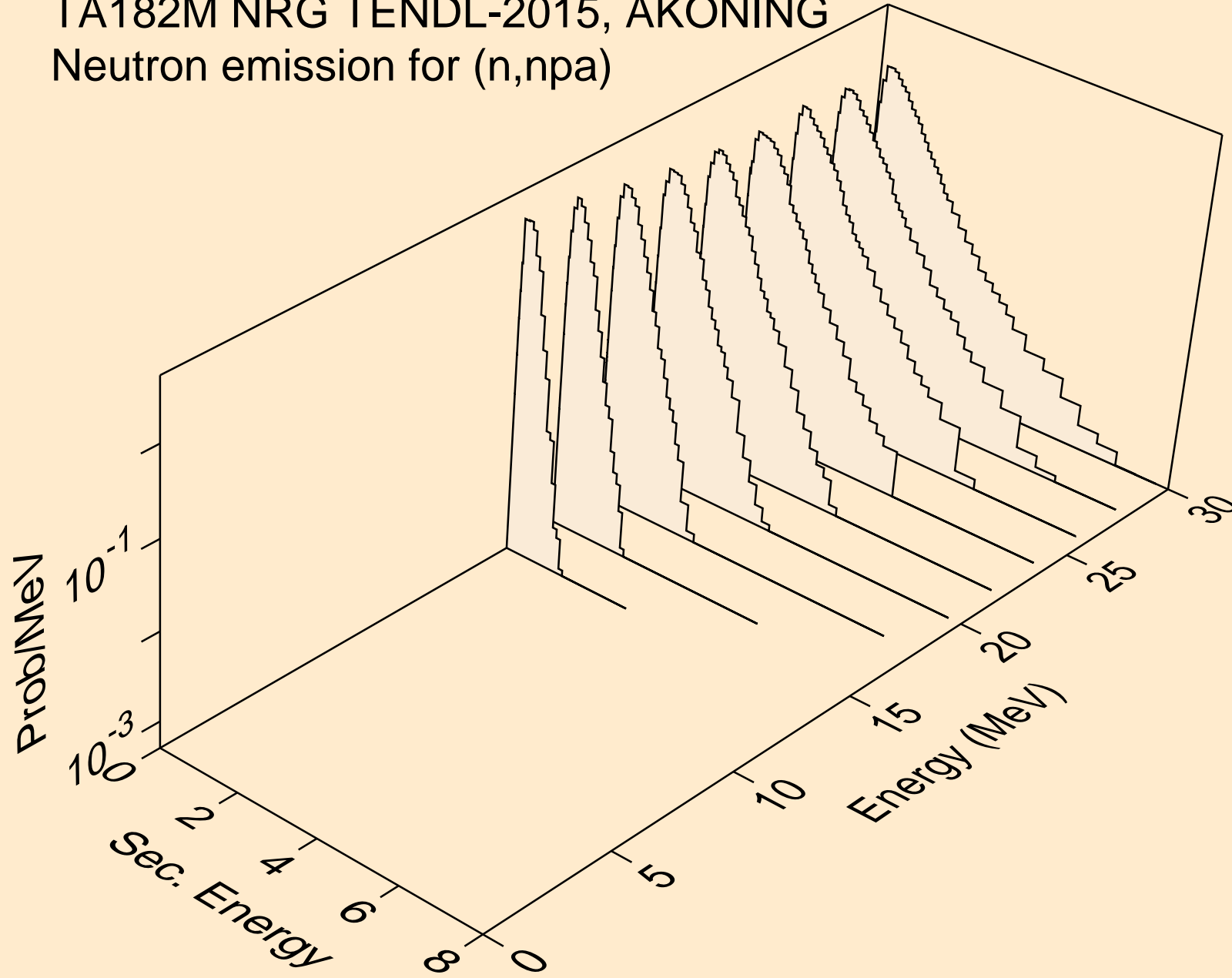
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Neutron emission for (n,3np)



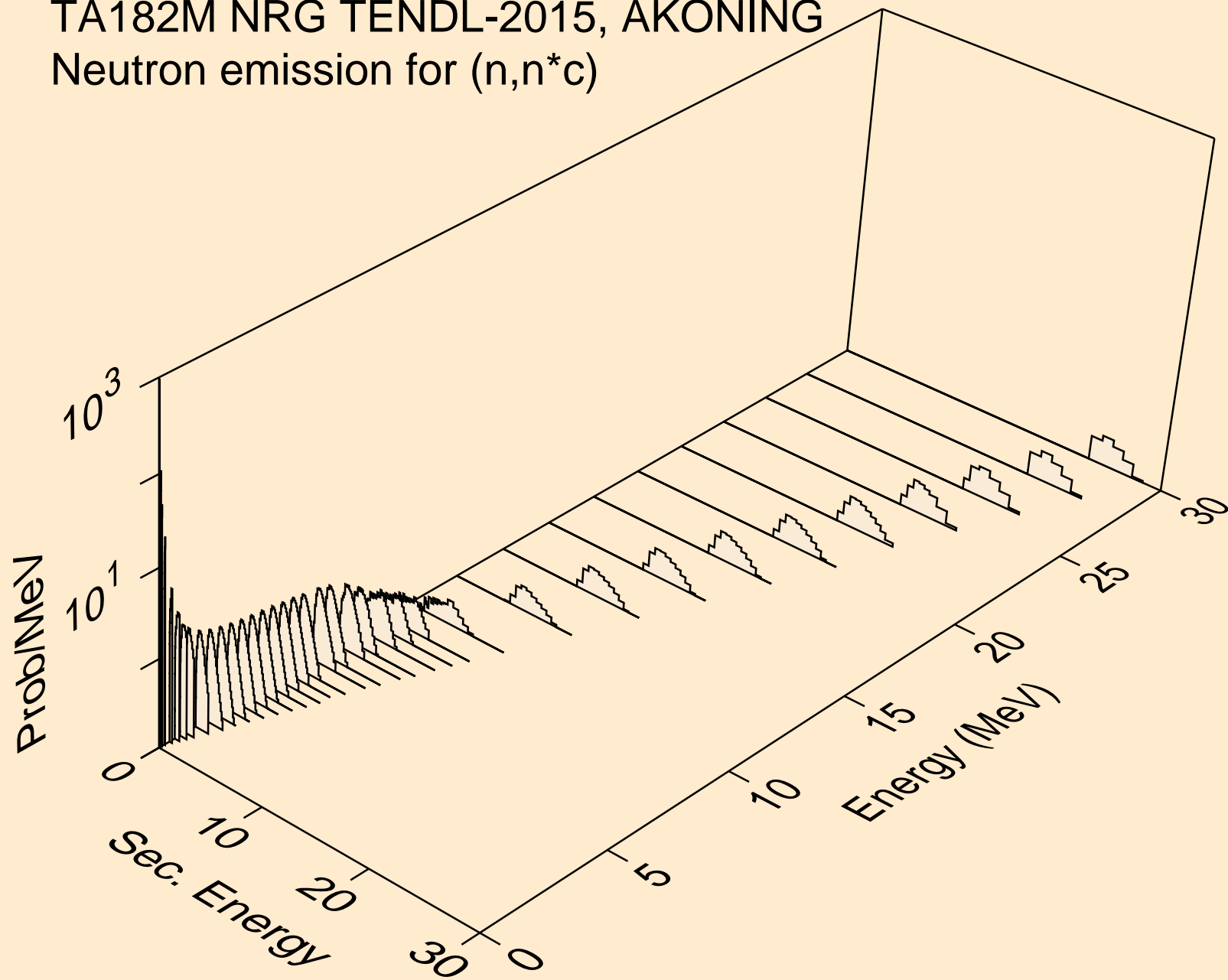
TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



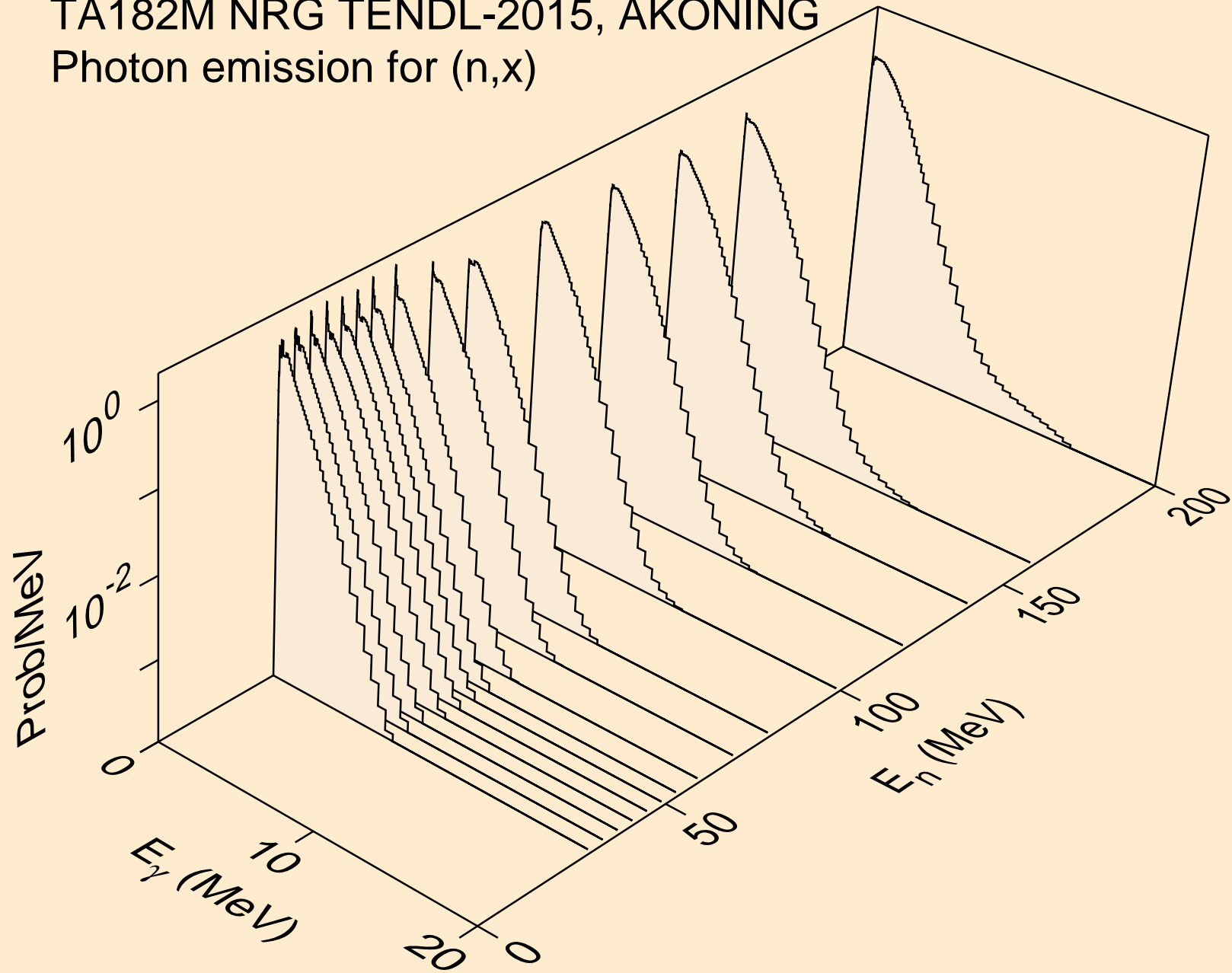
TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



TA182M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

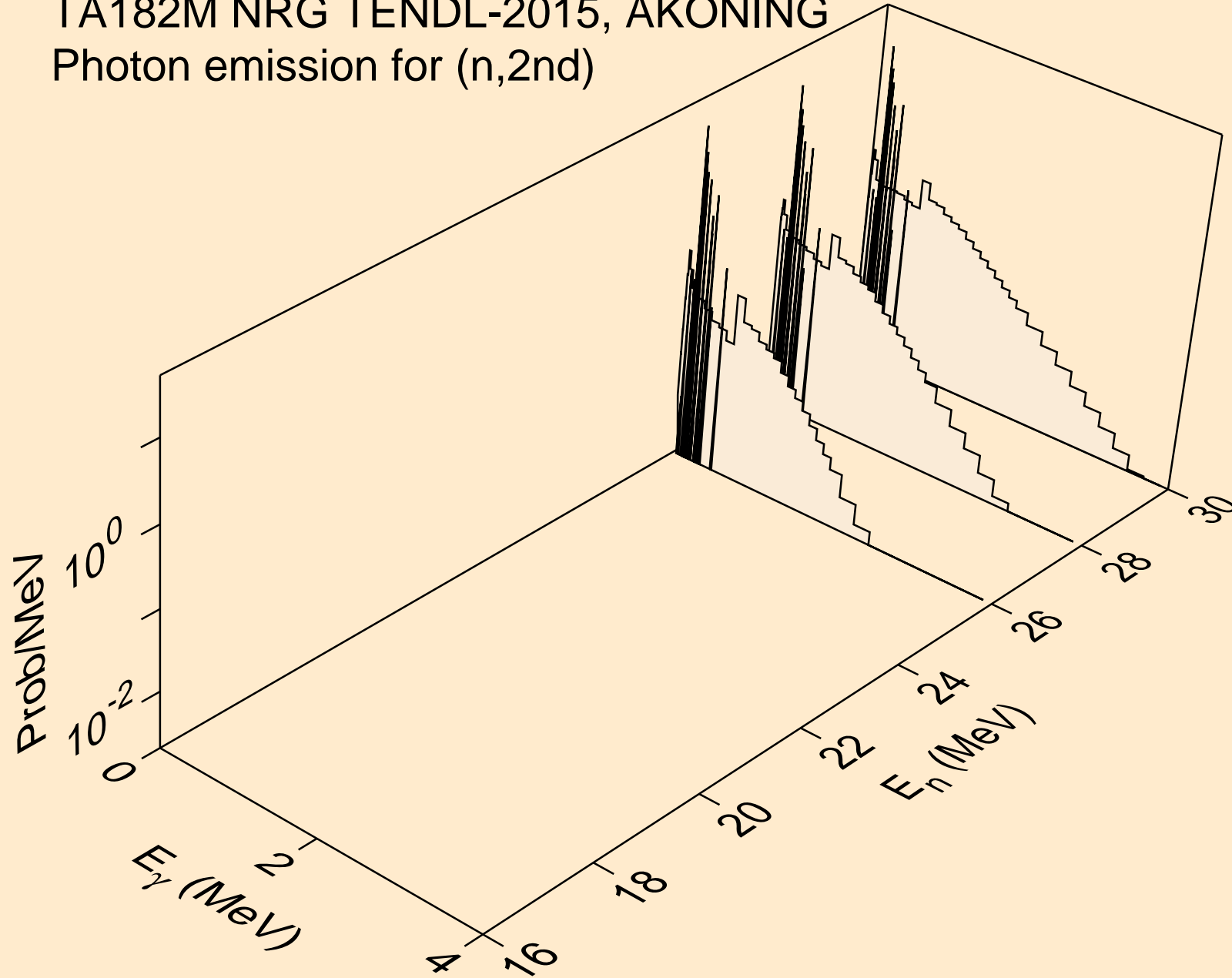


TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,x)

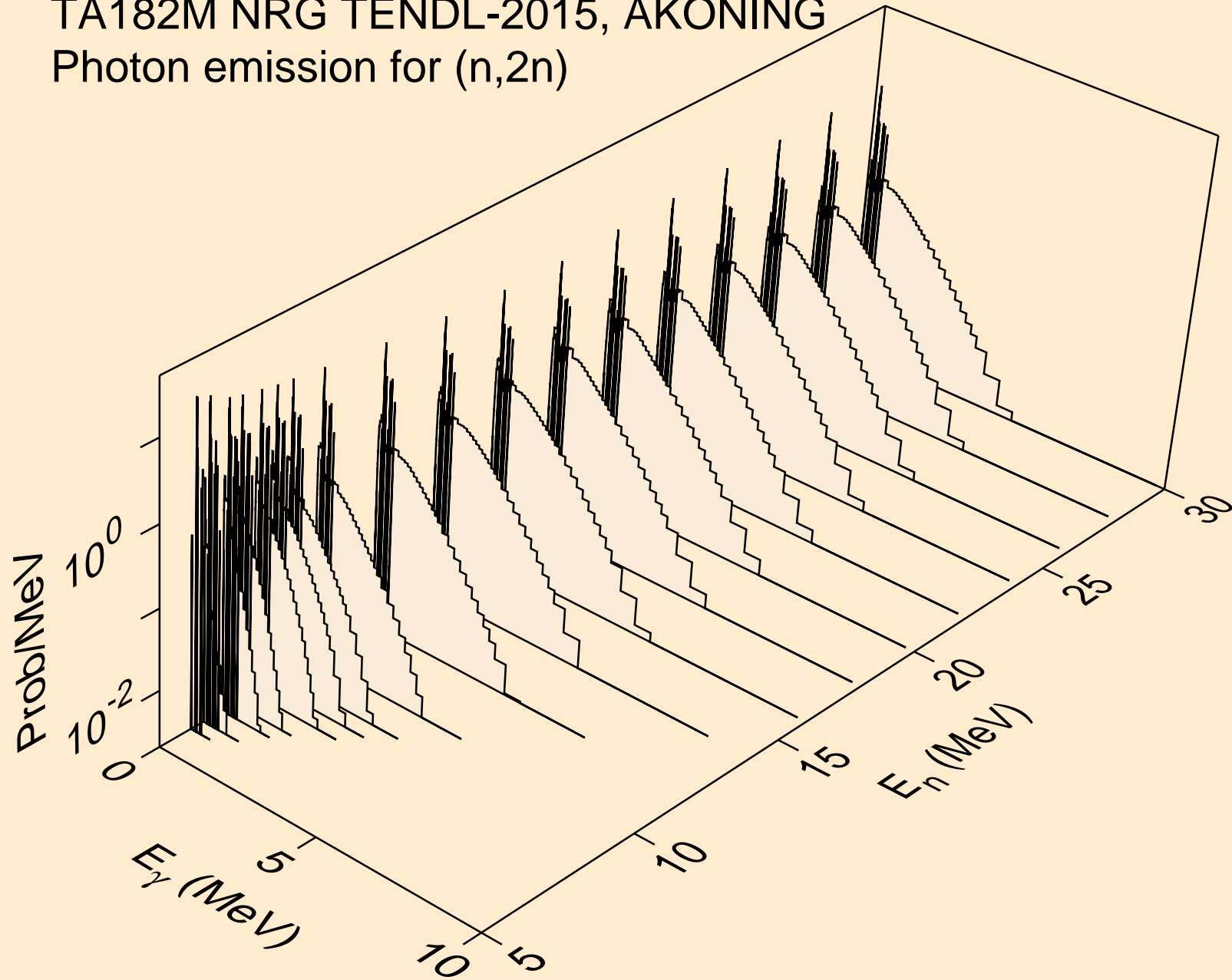




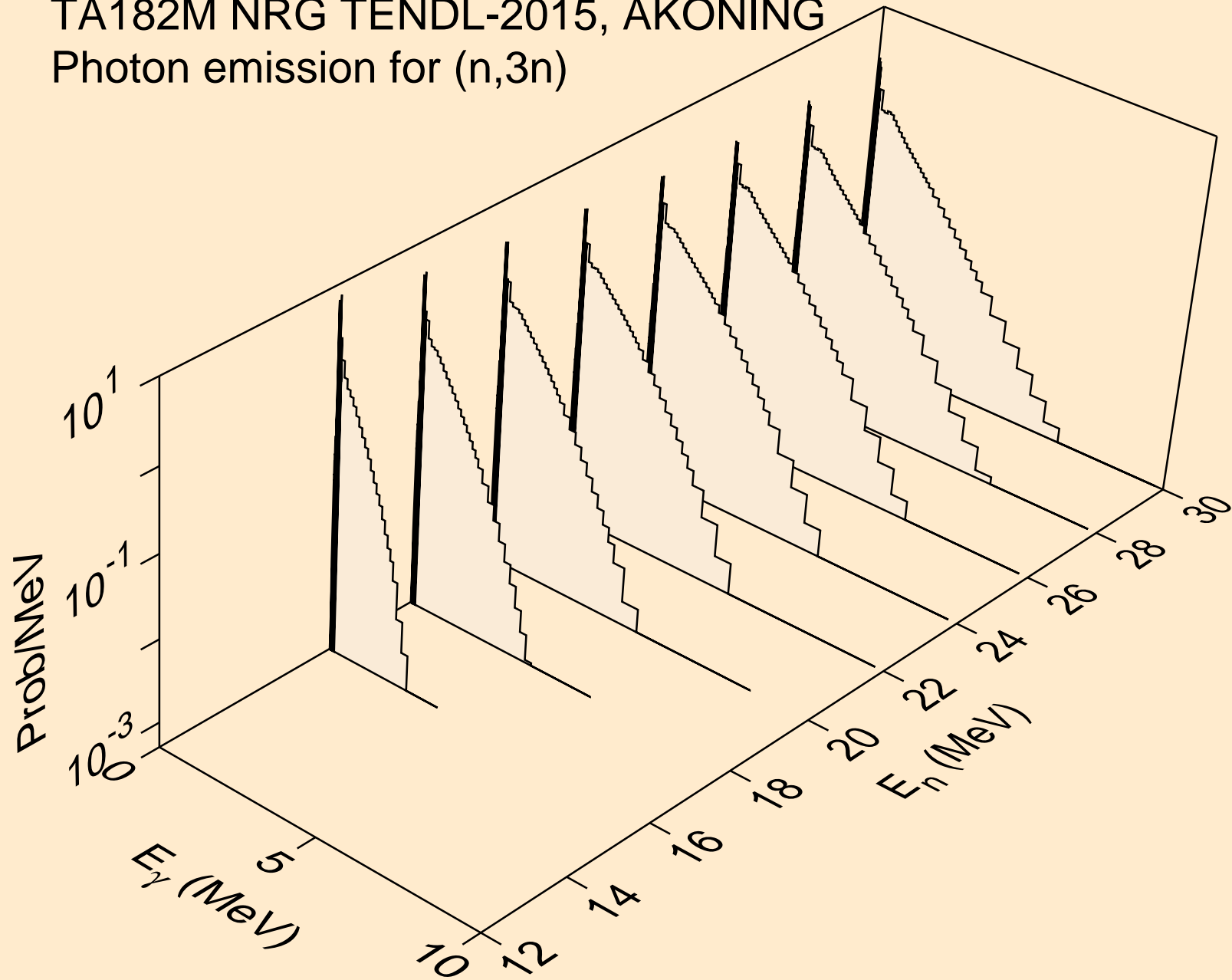
TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



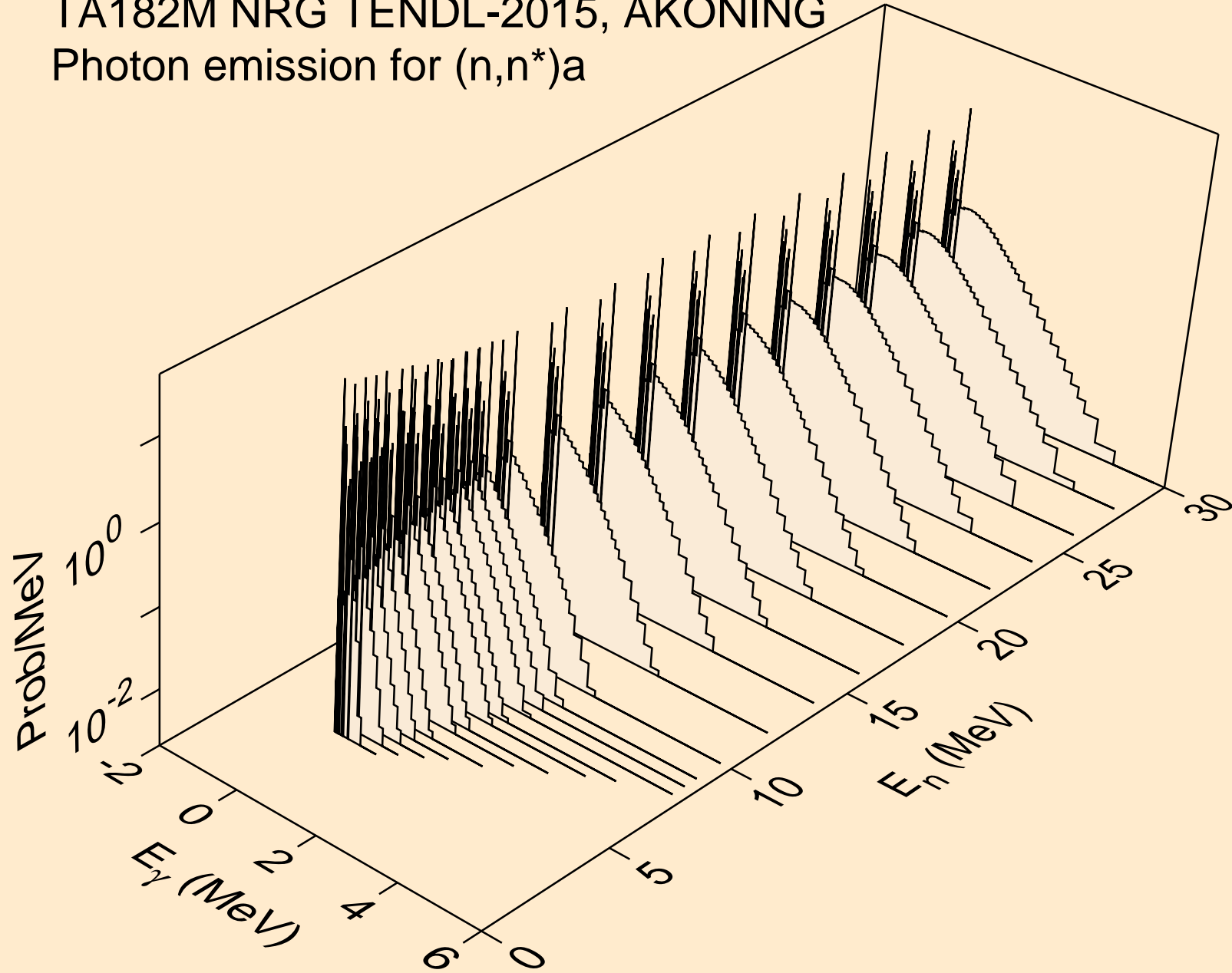
TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



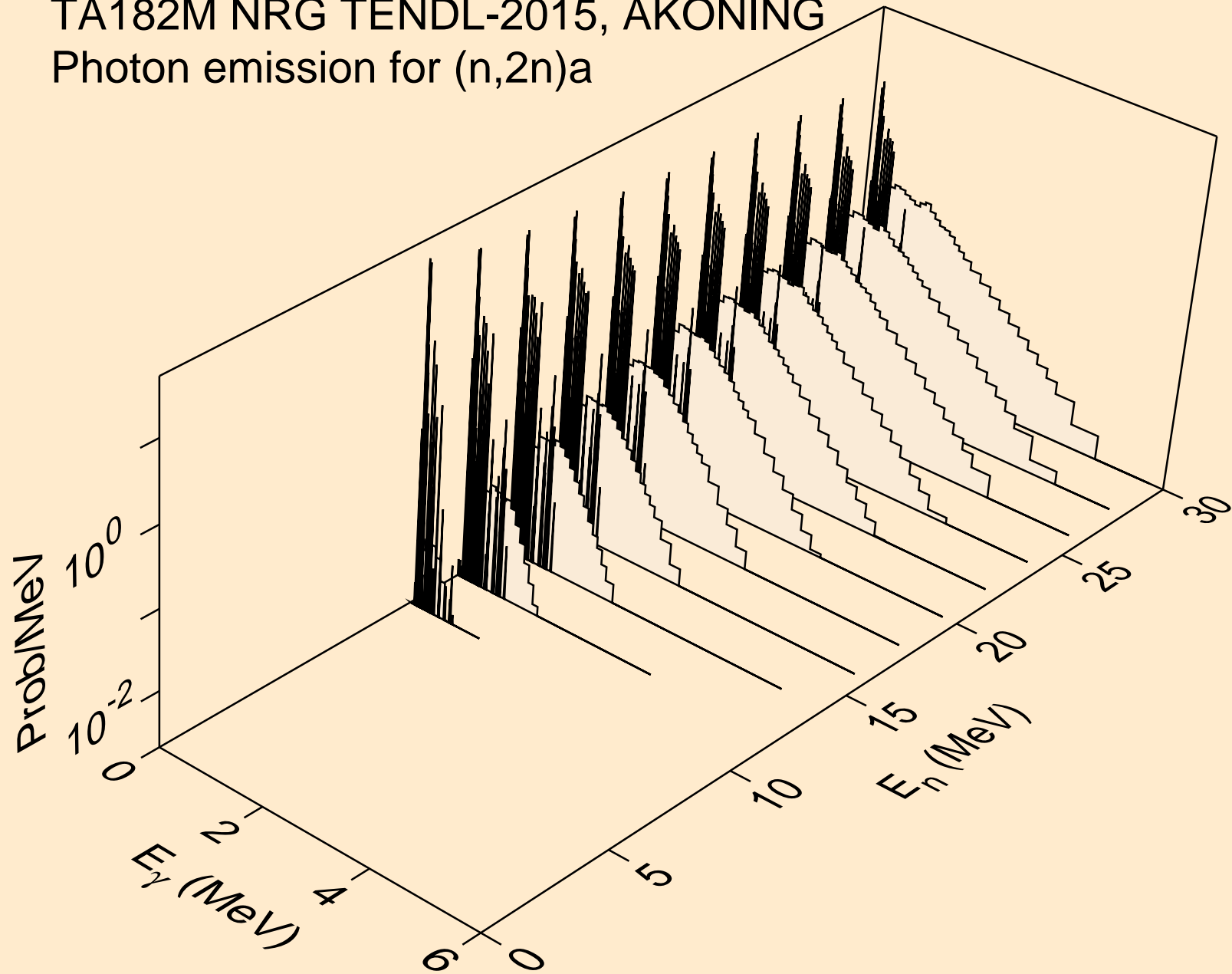
TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



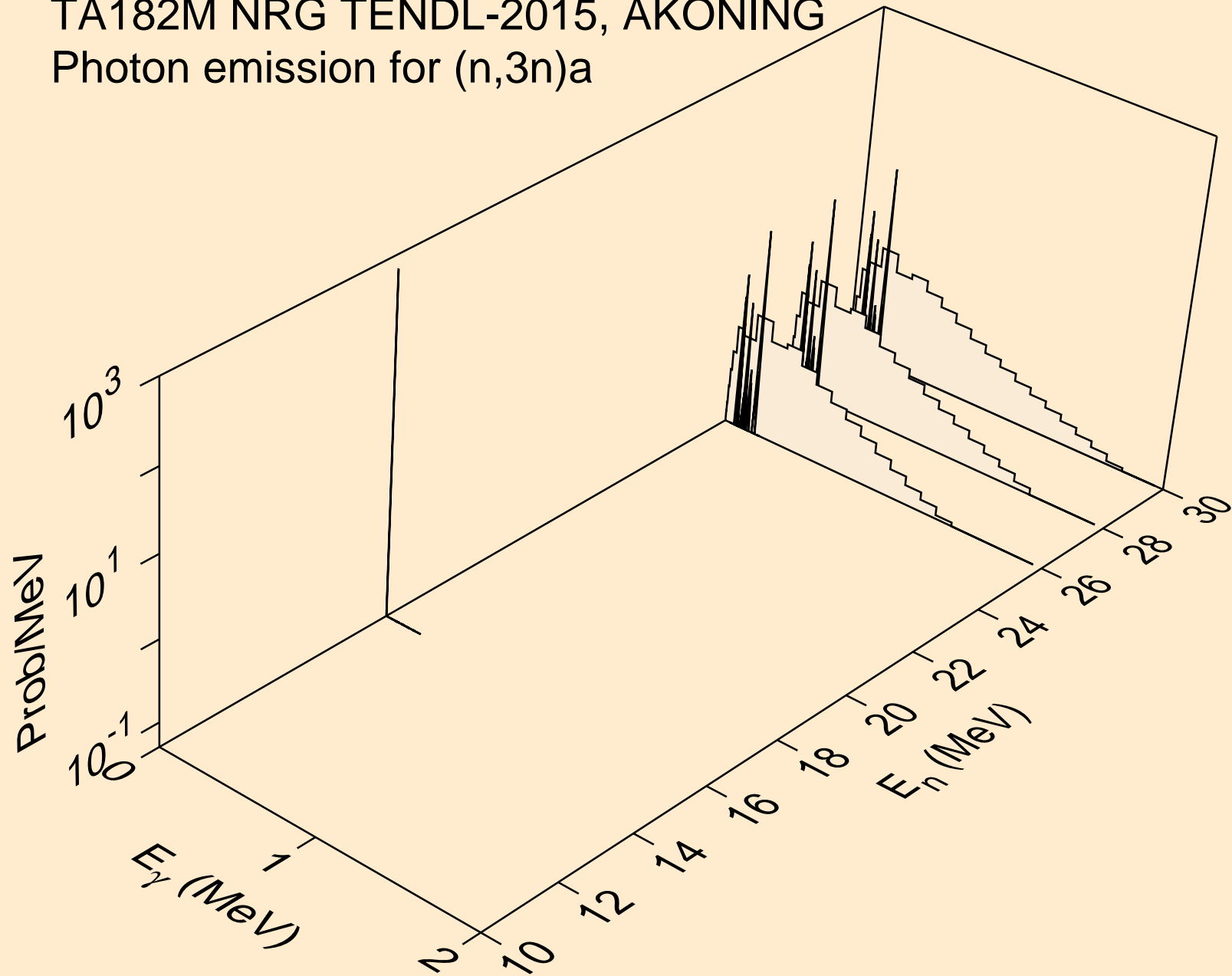
TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



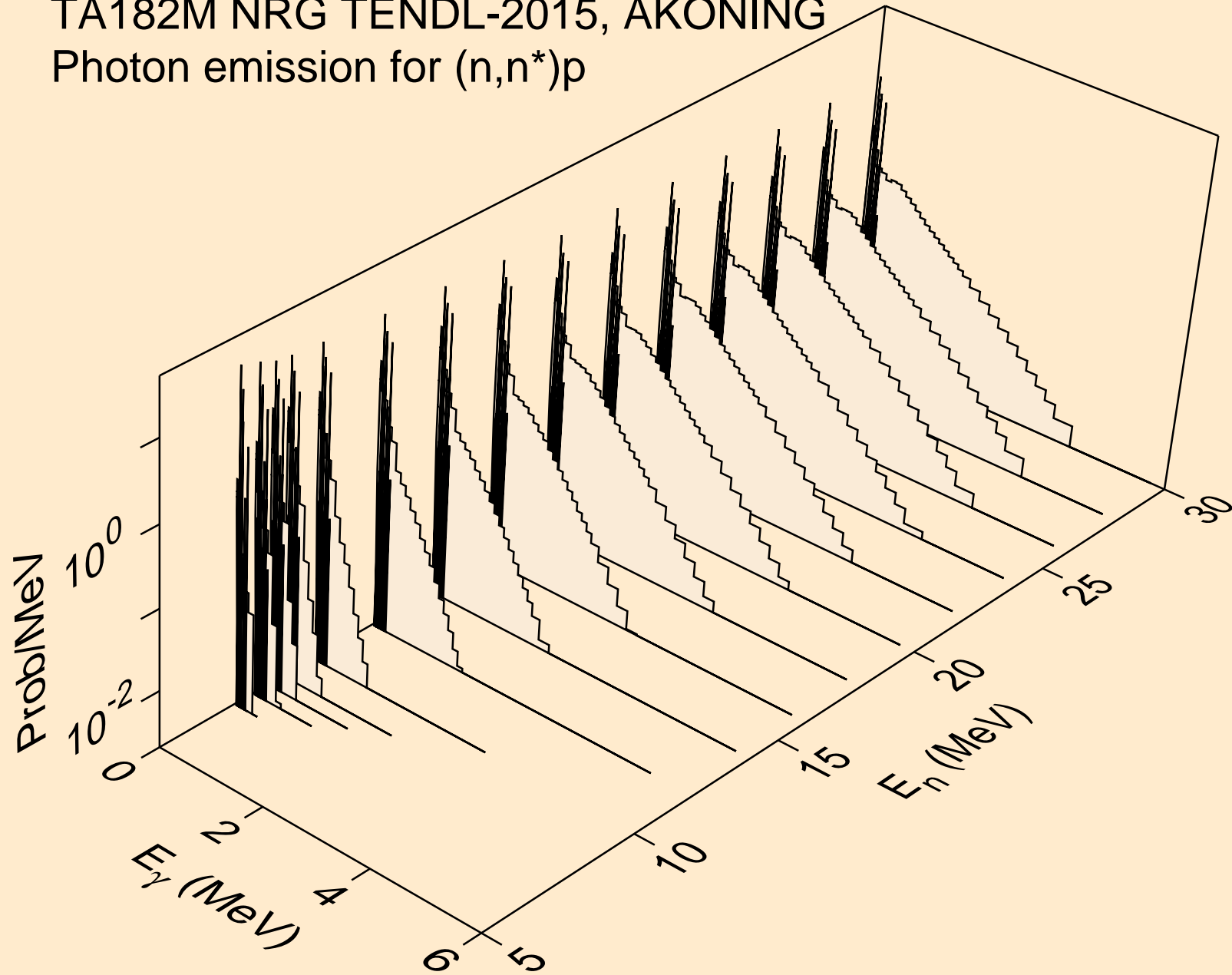
TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



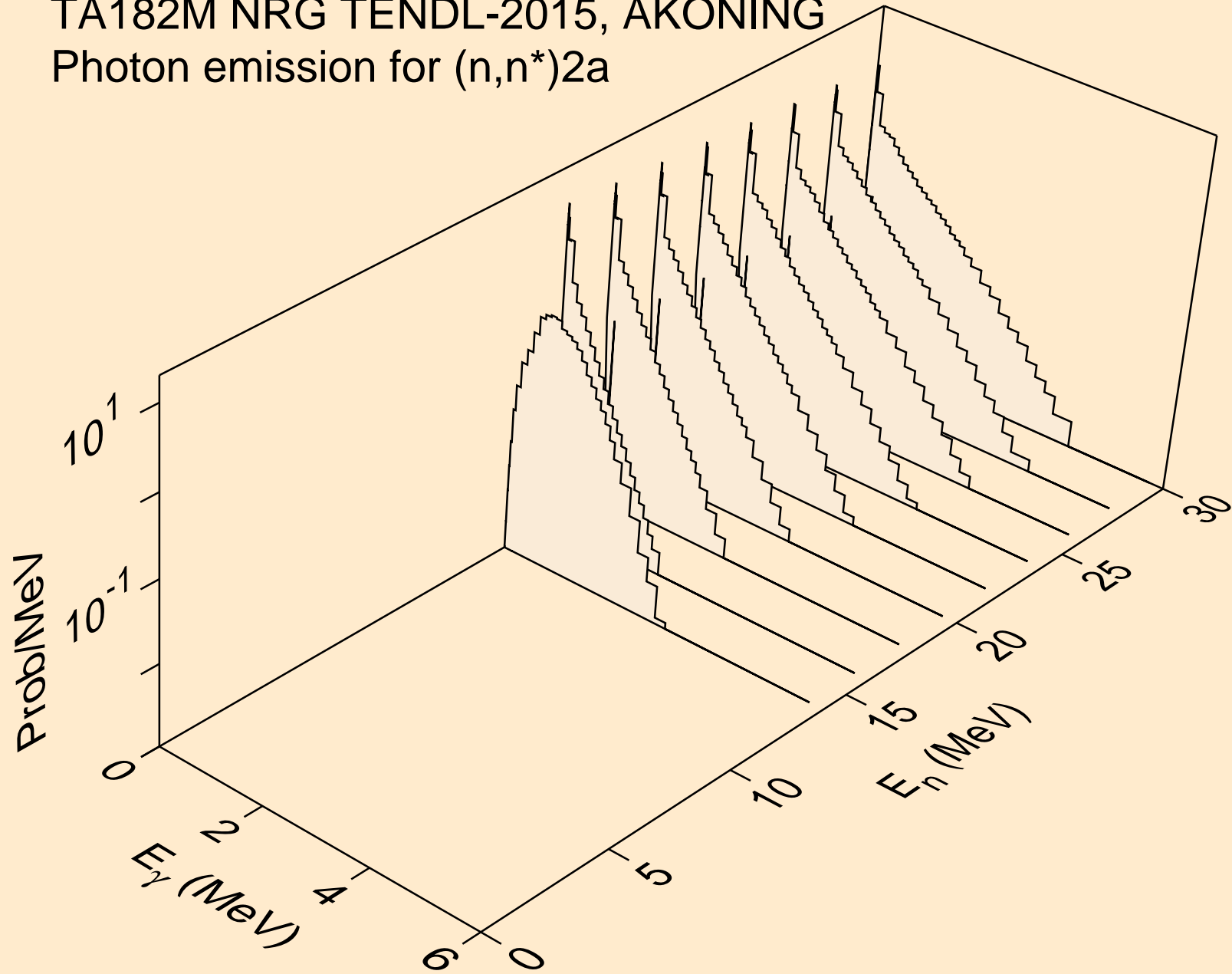
TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

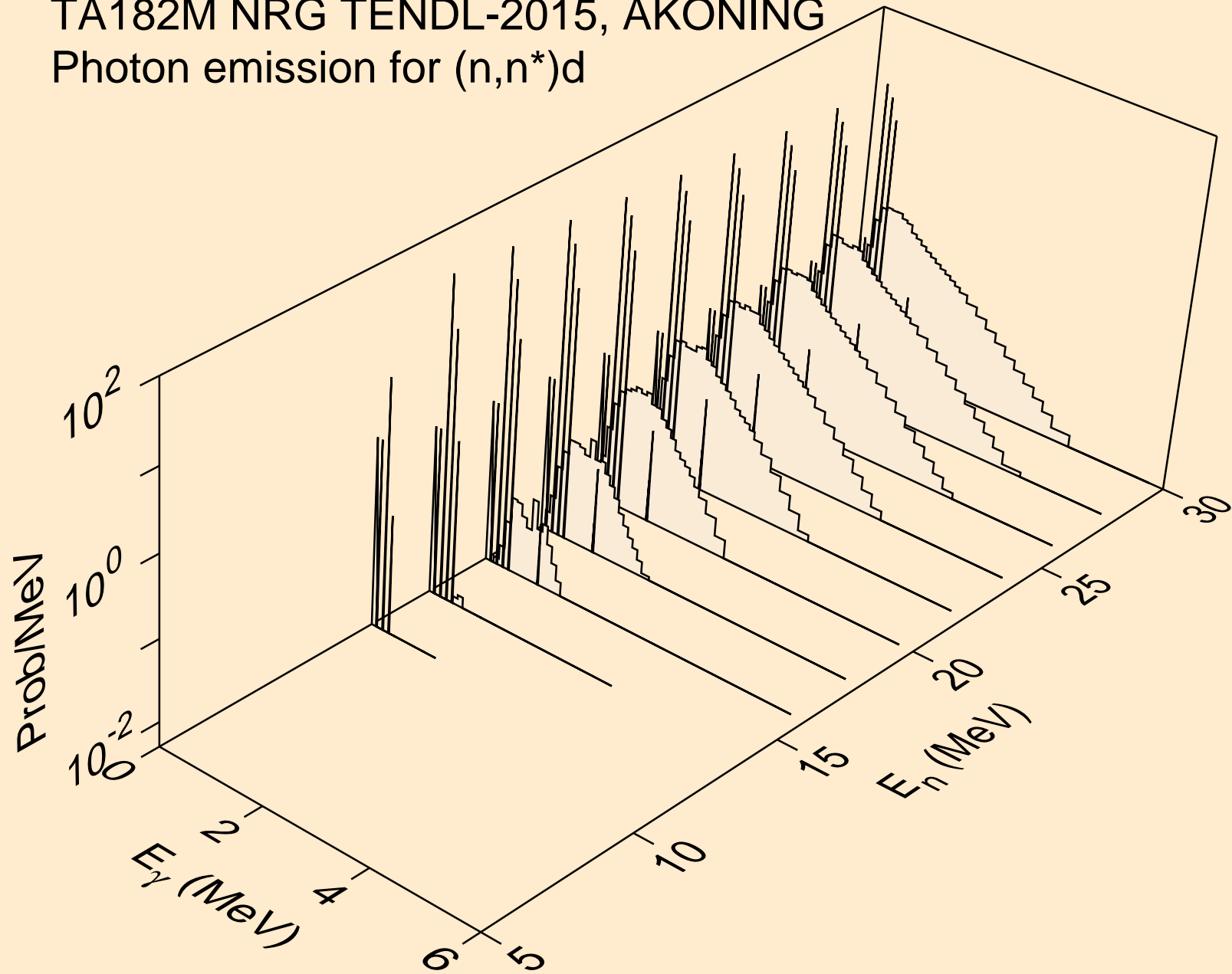


TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

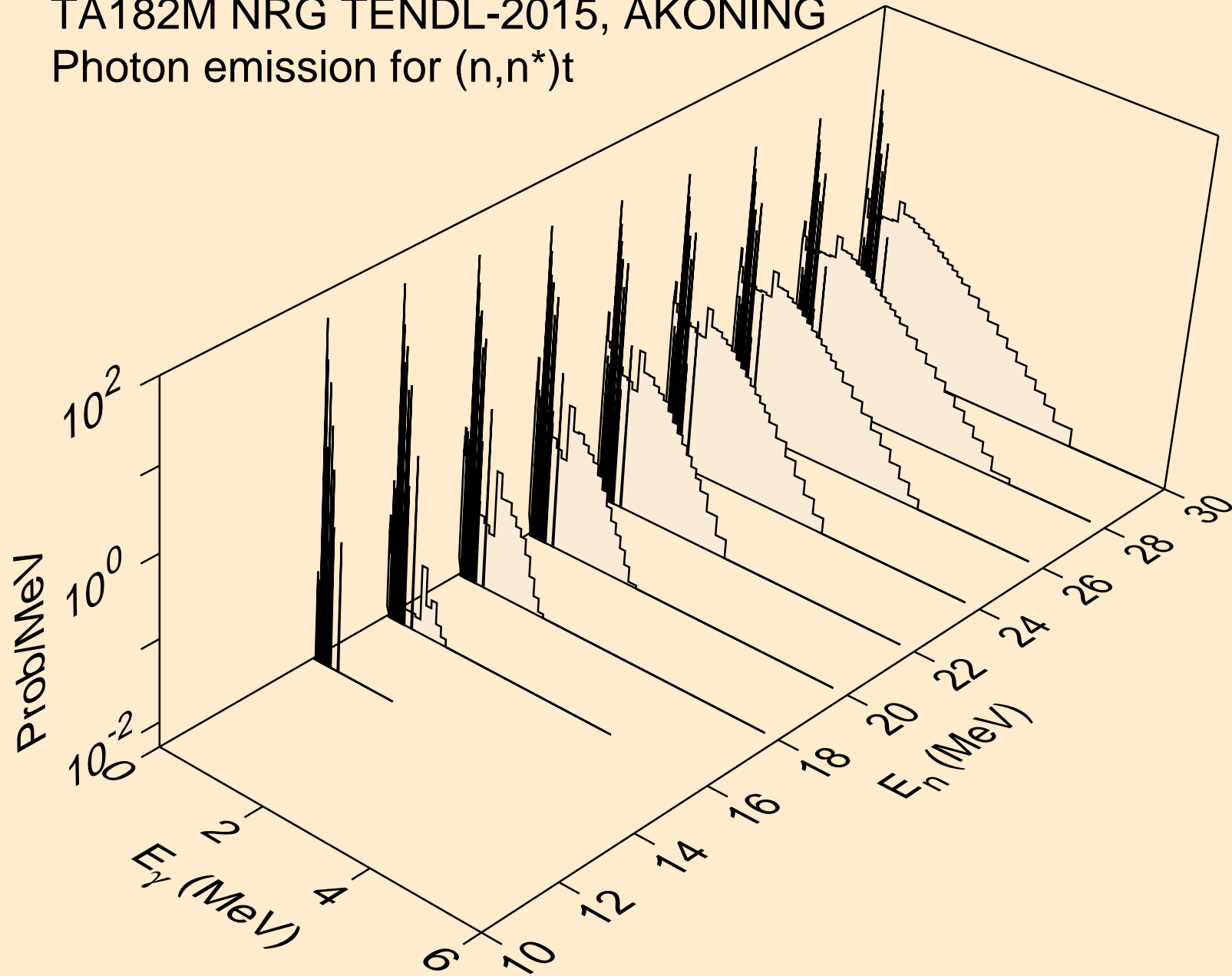




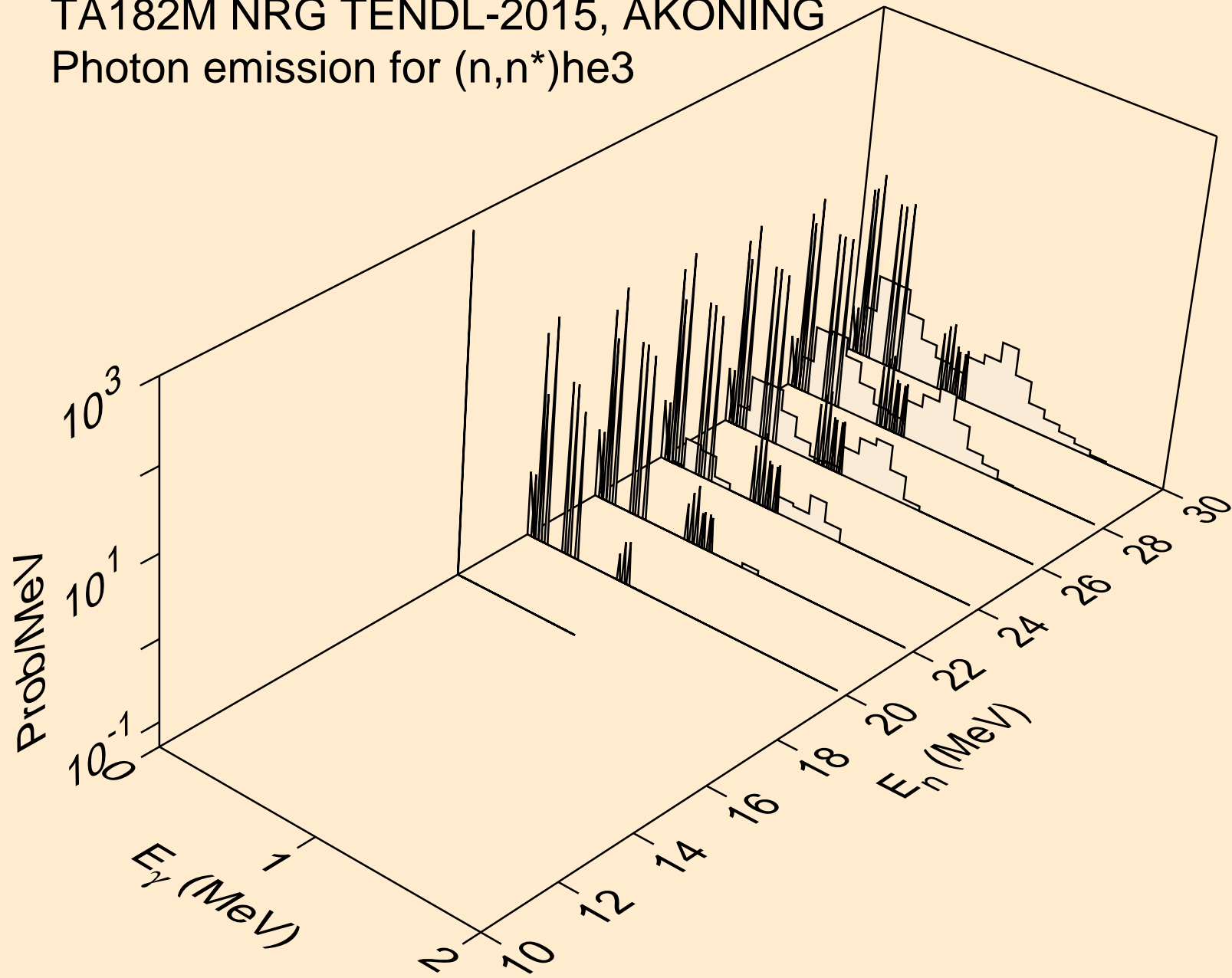
TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



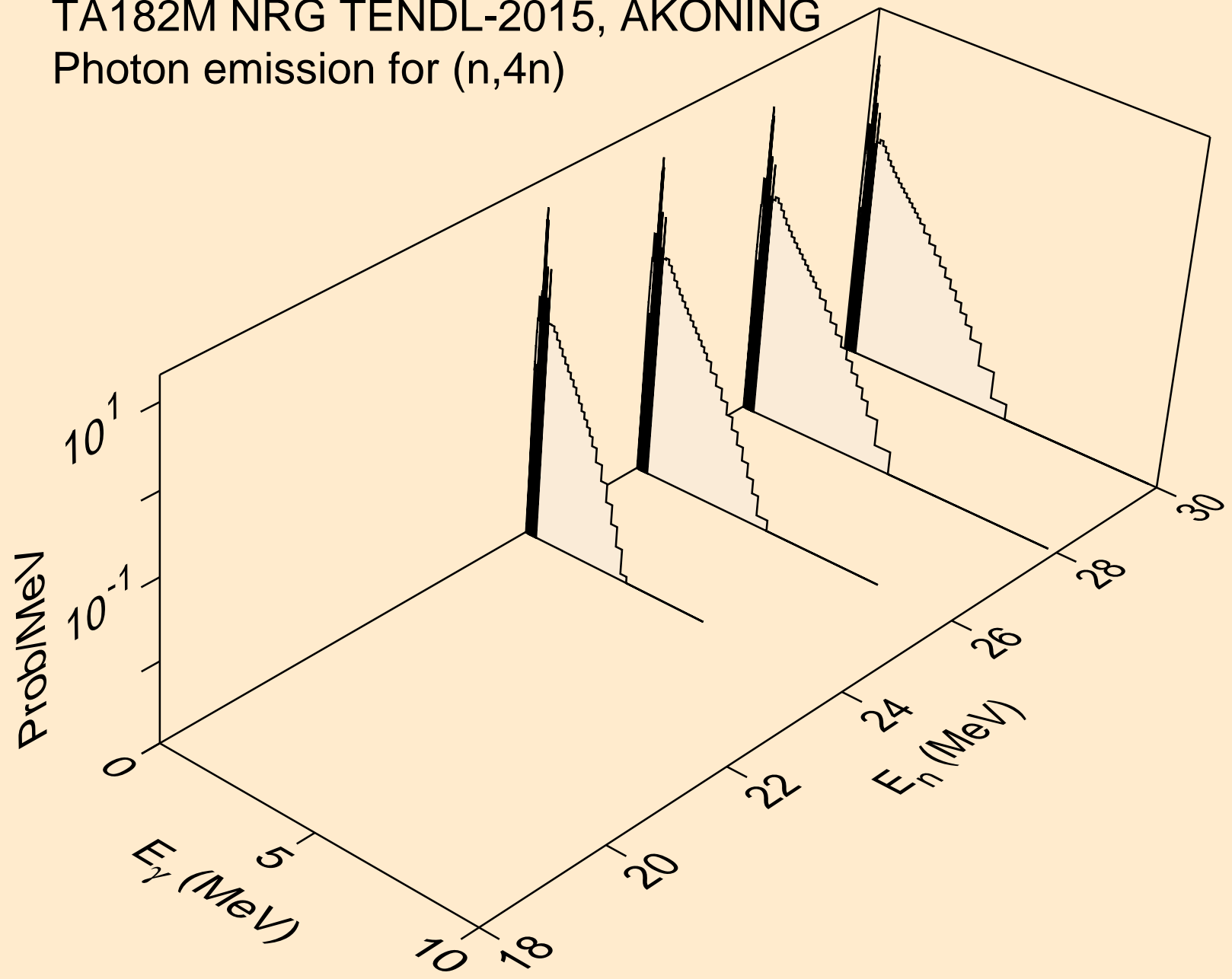
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Photon emission for (n,n\*)t



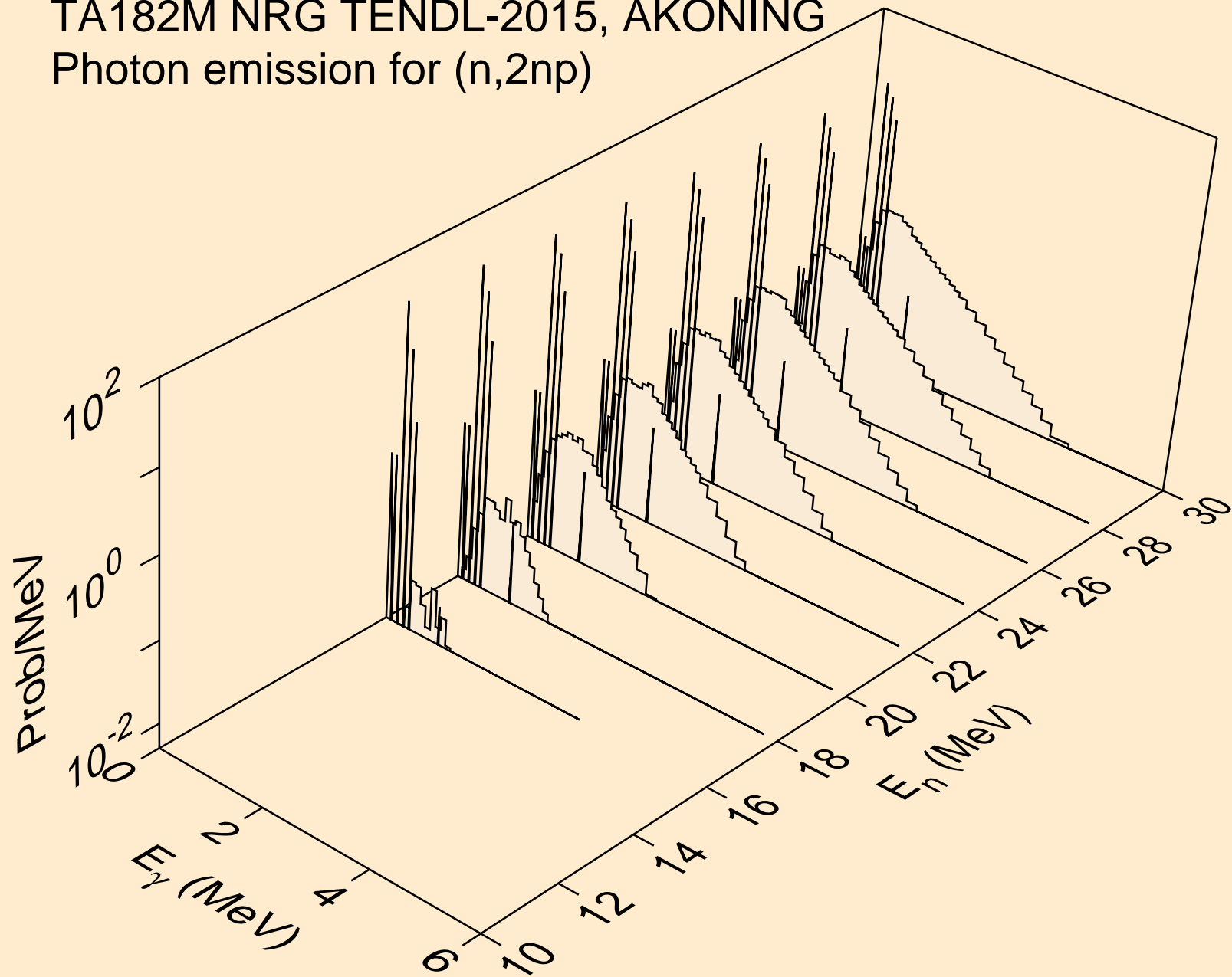
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Photon emission for (n,n\*)he3



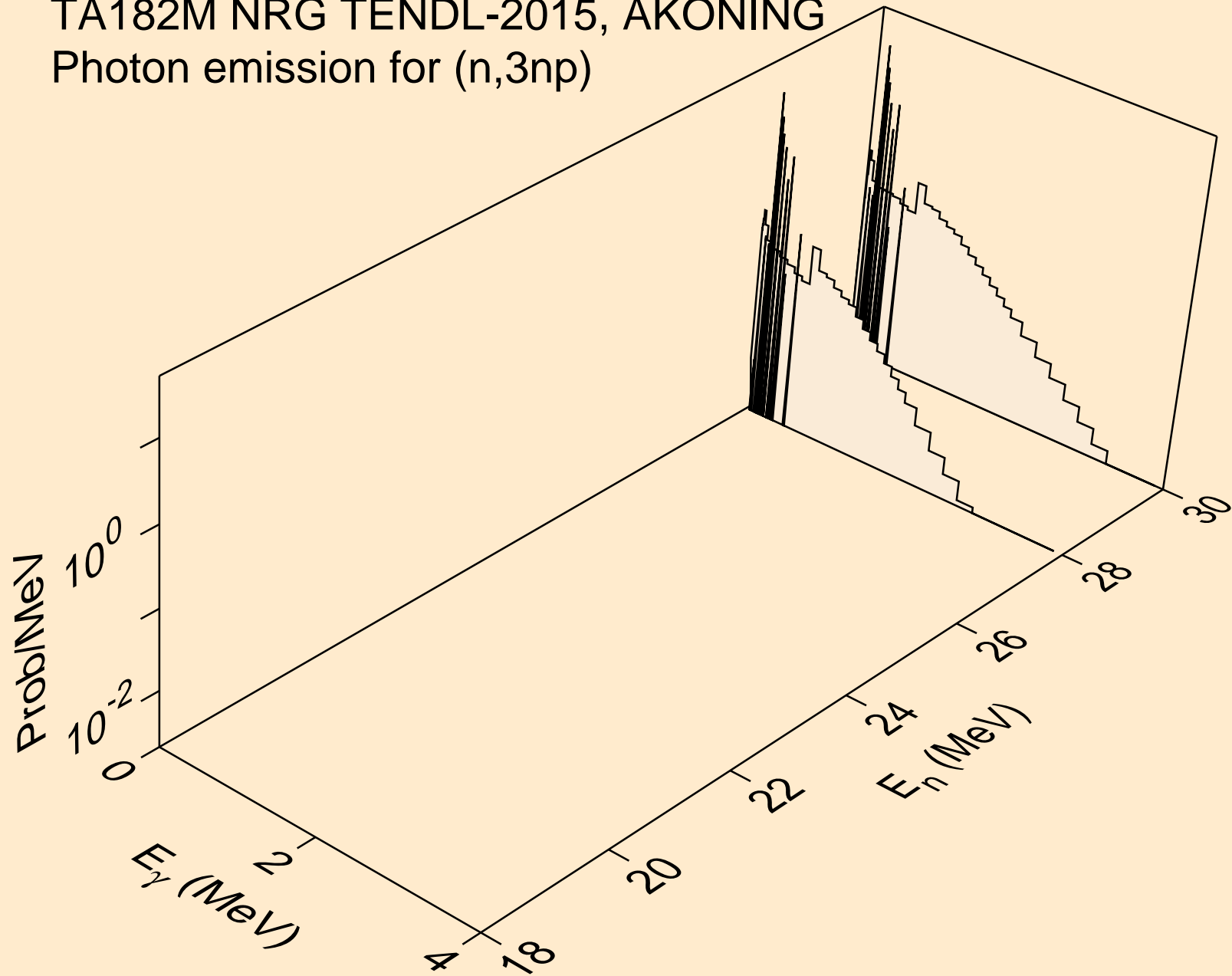
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Photon emission for (n,4n)



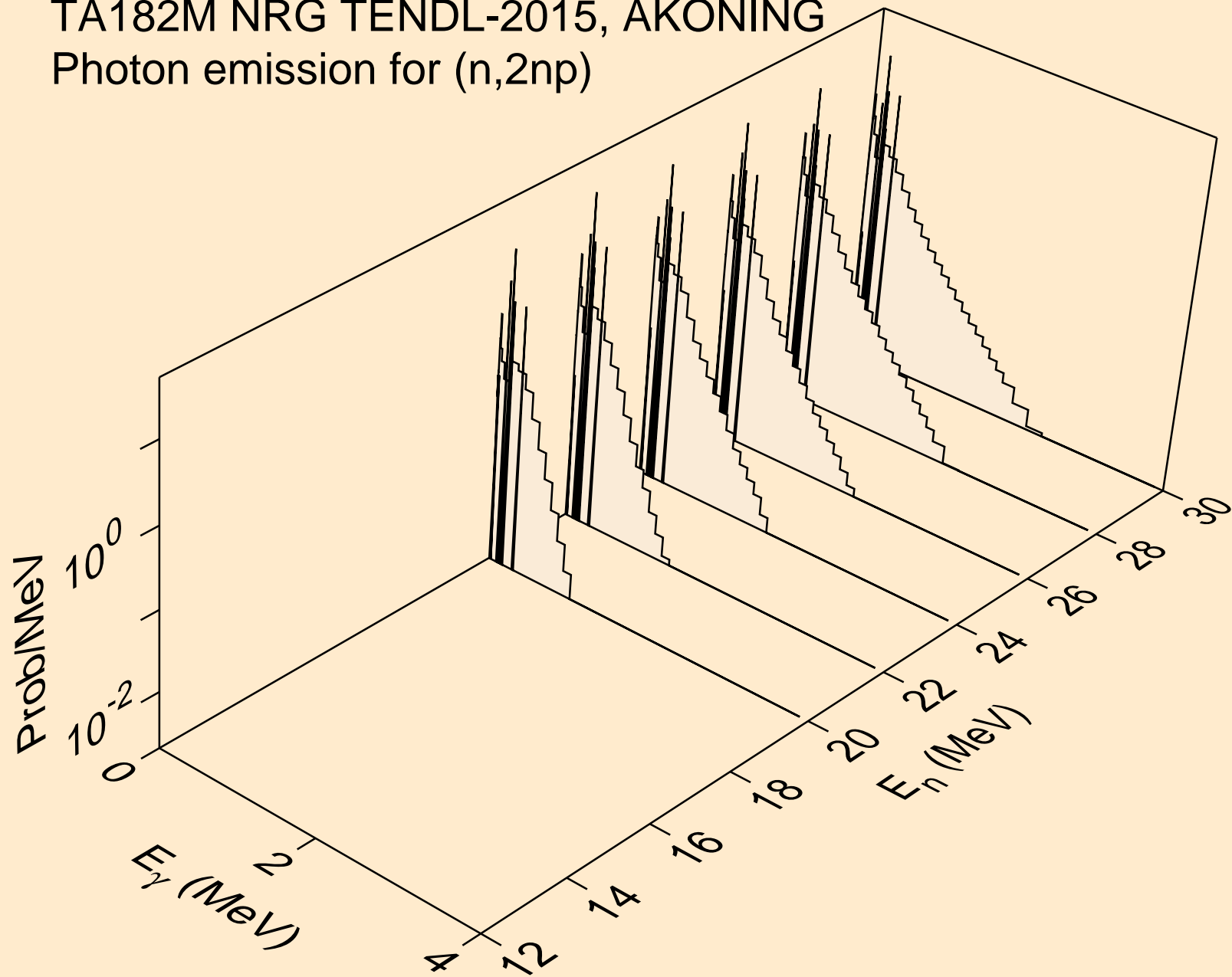
TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



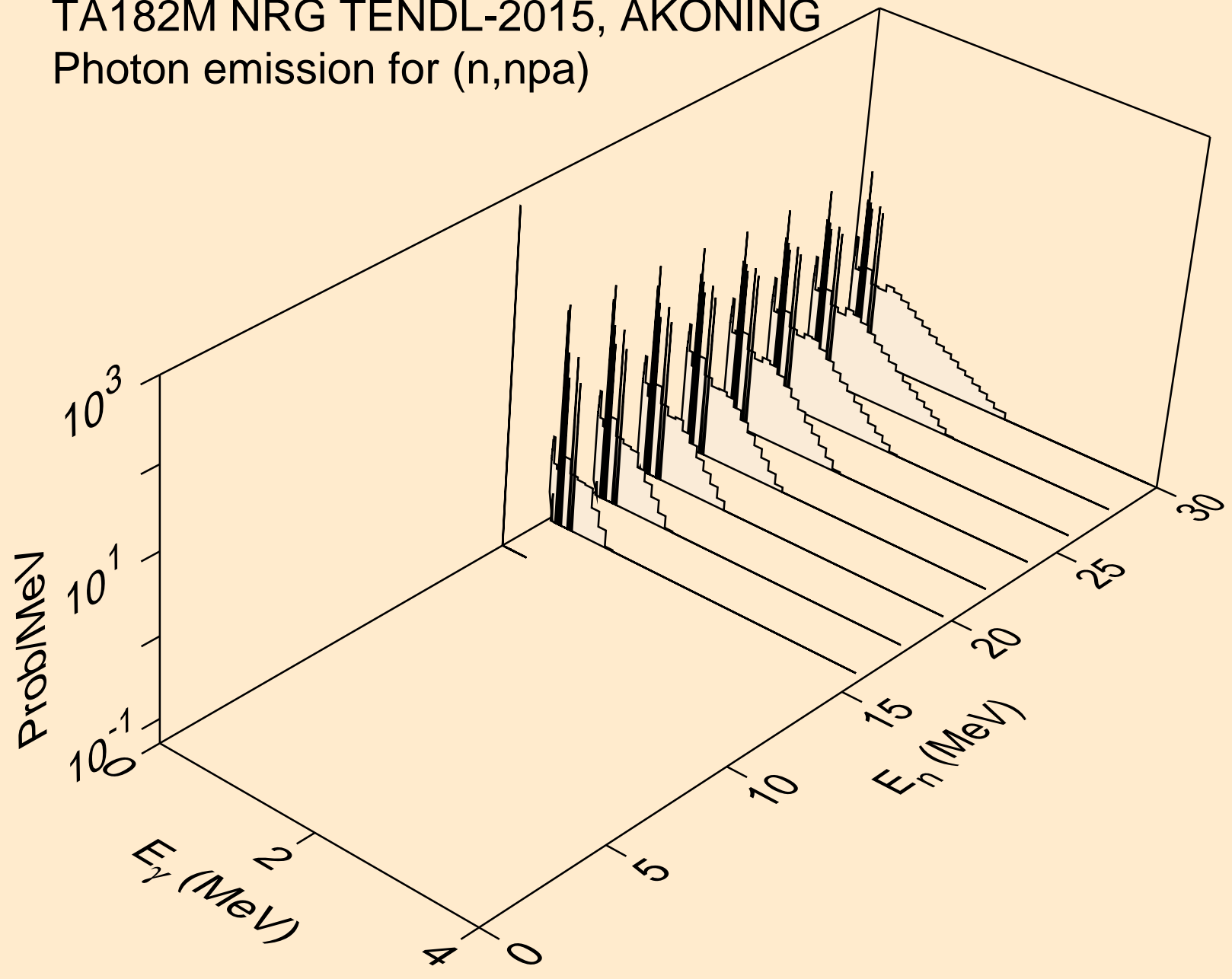
TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

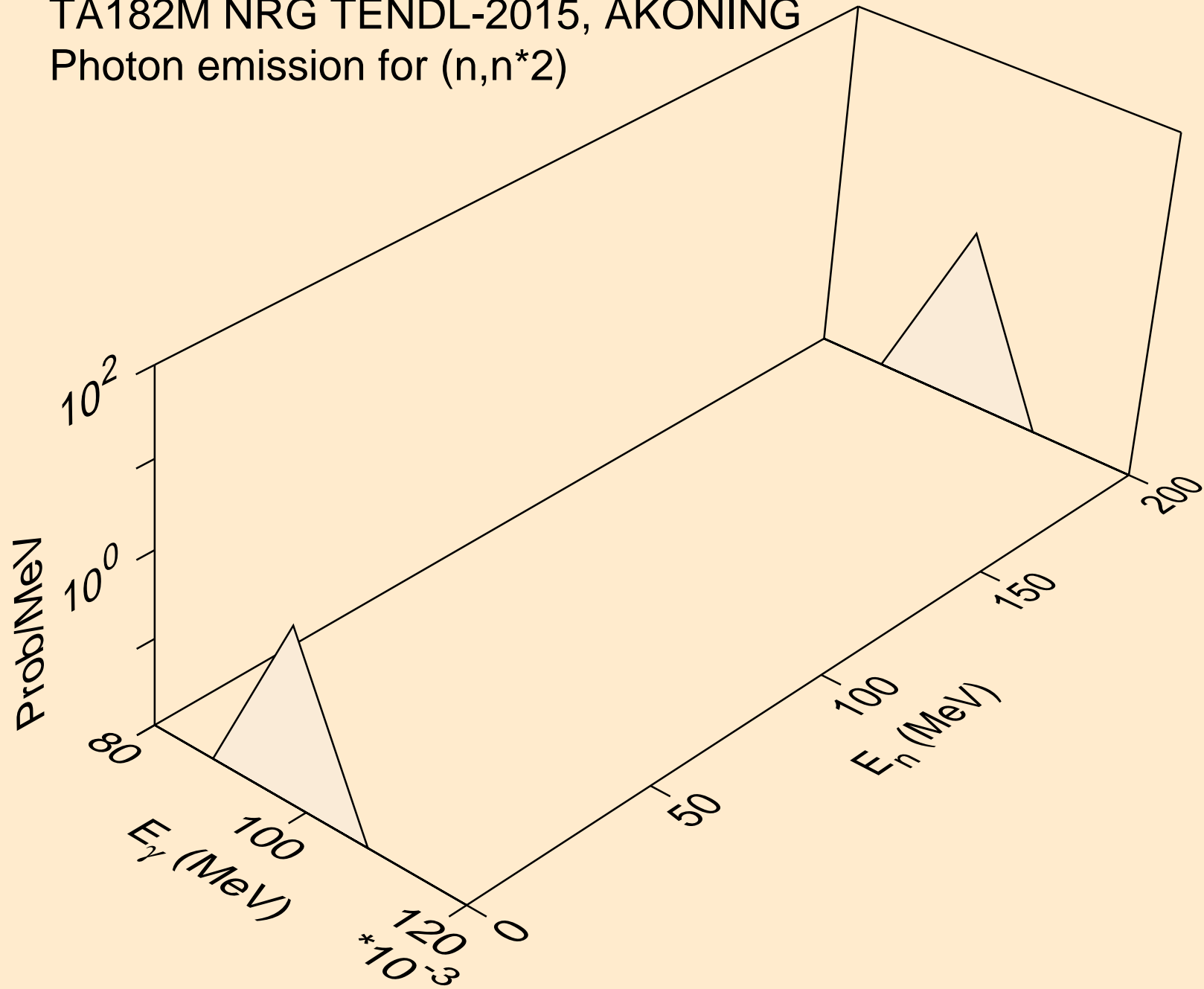


TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

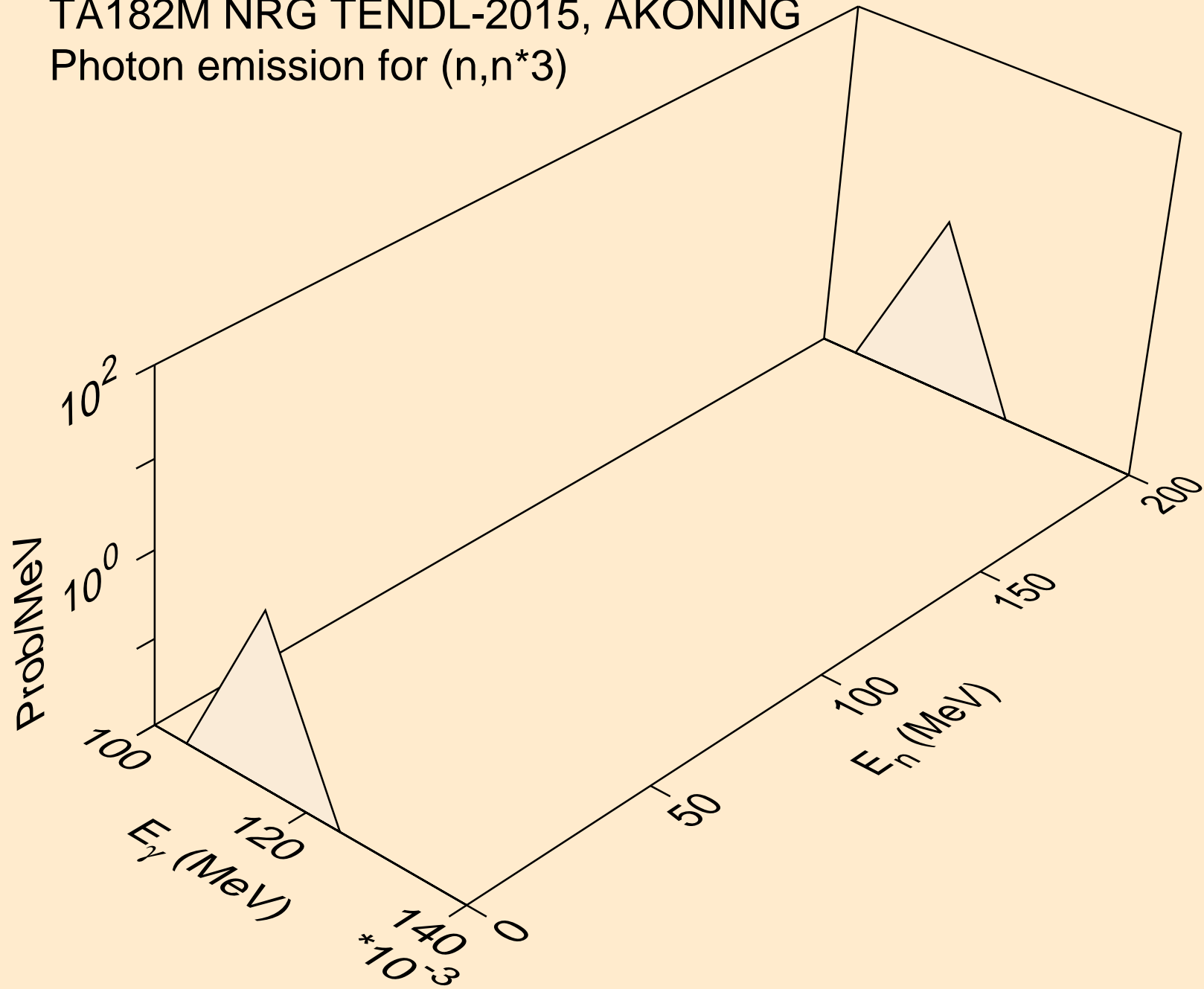




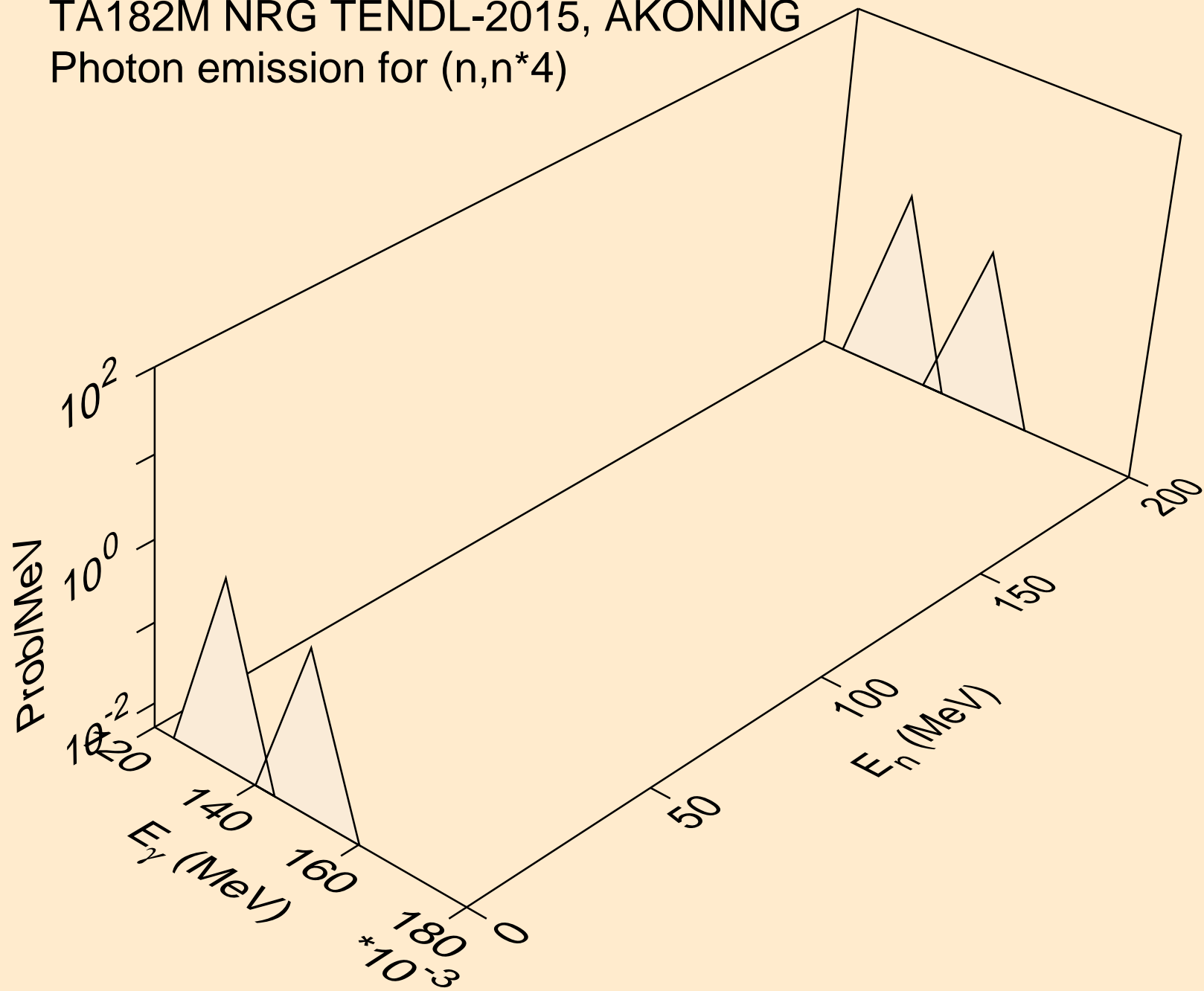
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Photon emission for (n,n\*2)



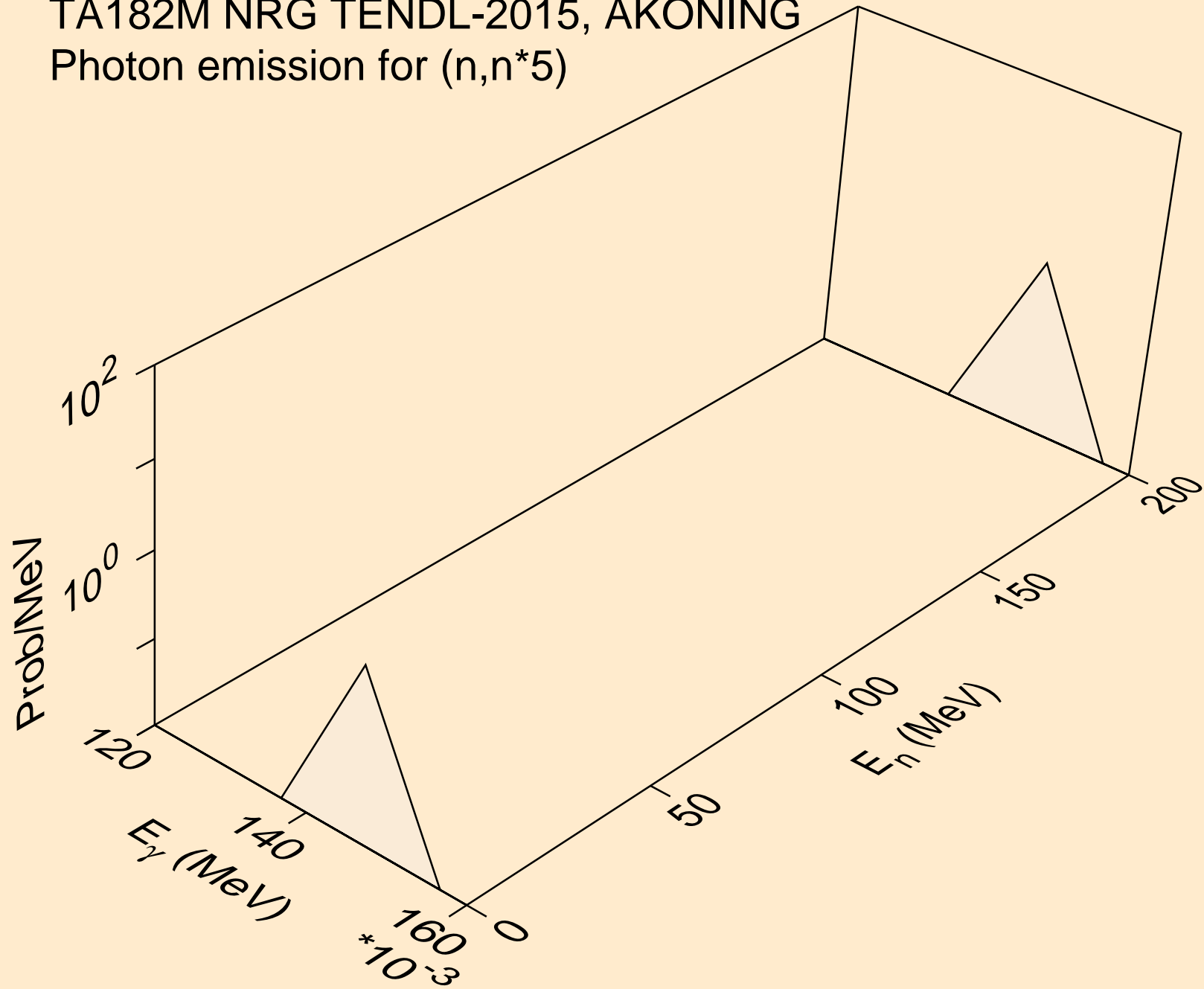
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Photon emission for (n,n\*3)



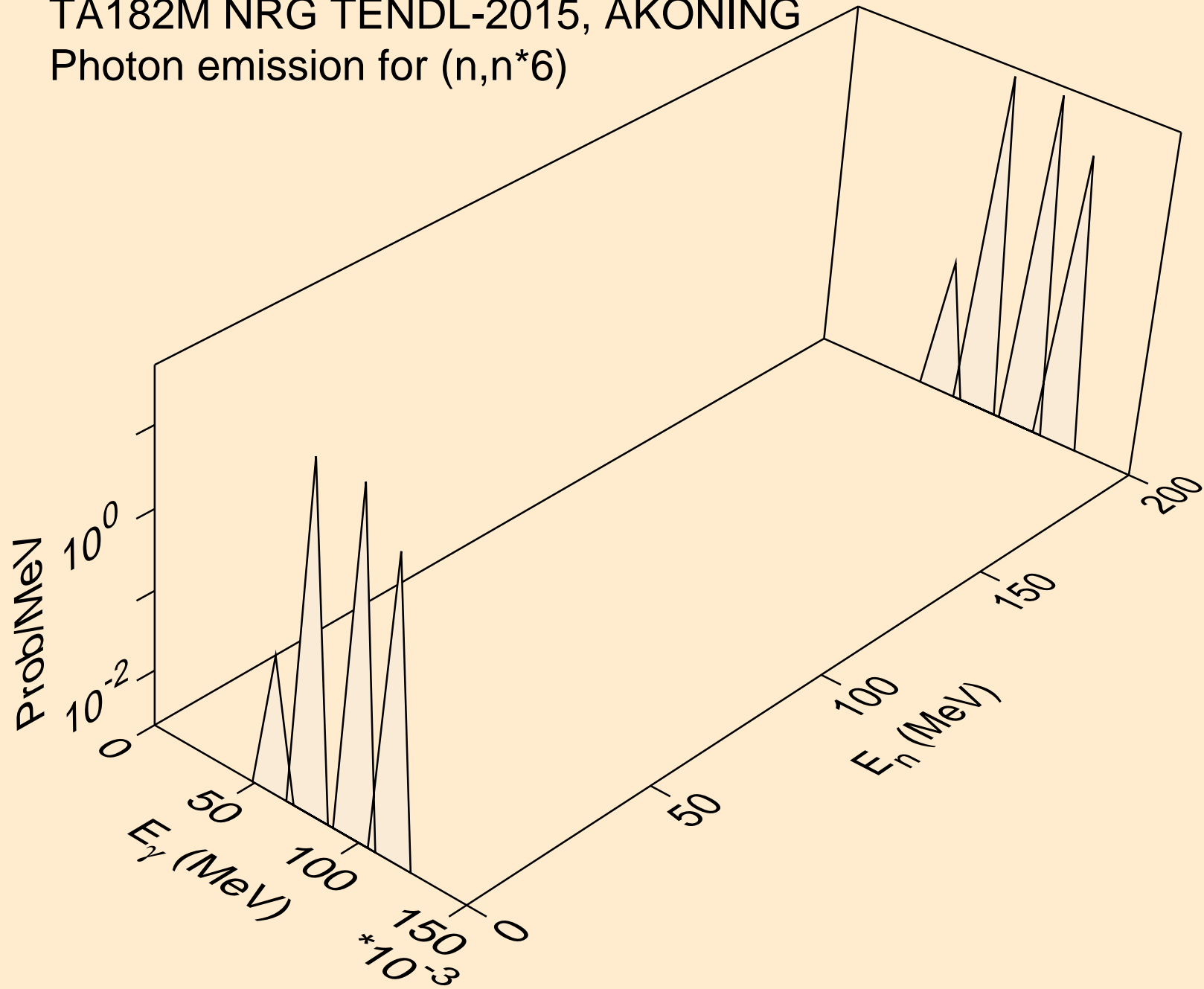
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Photon emission for (n,n\*4)



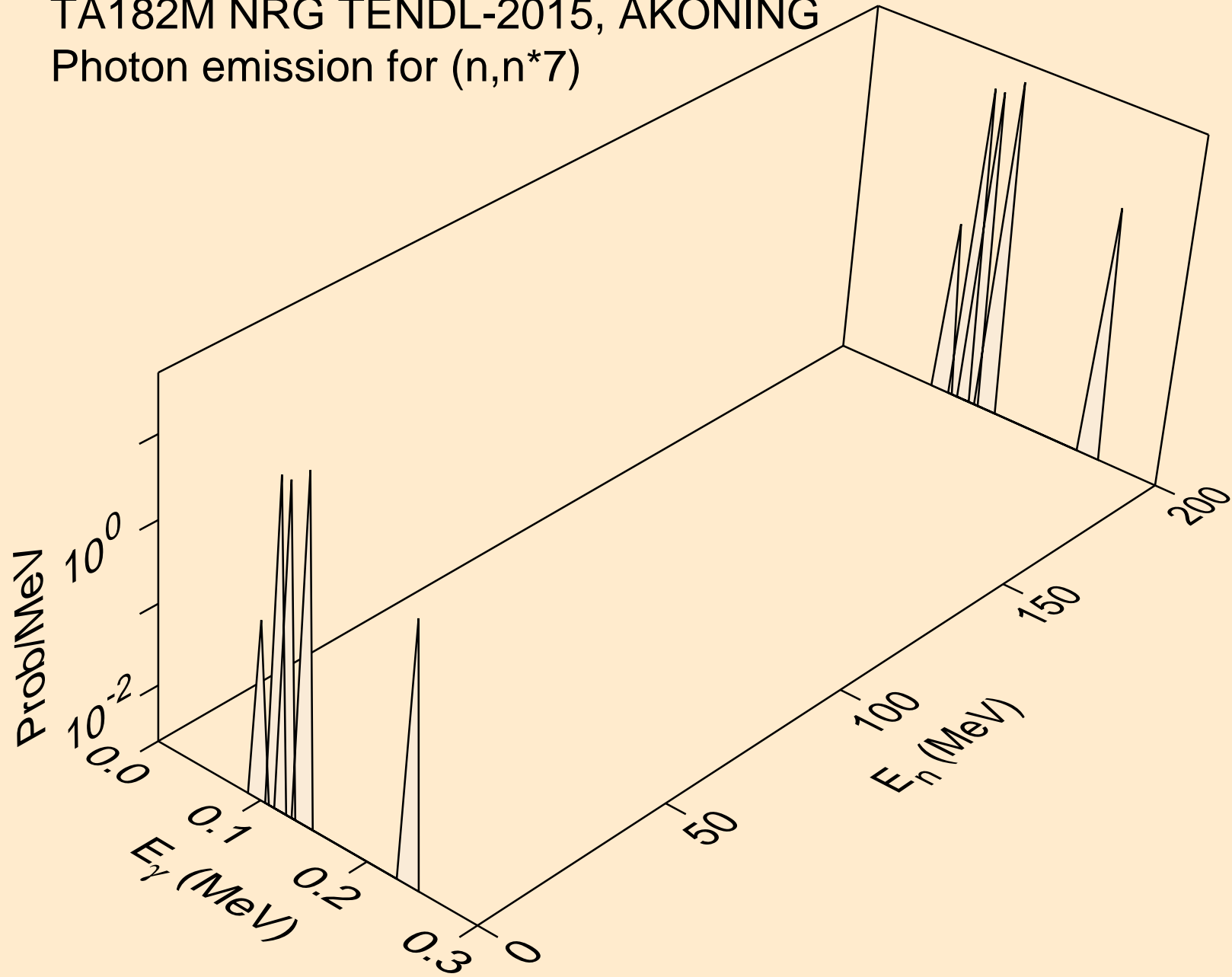
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Photon emission for (n,n\*5)



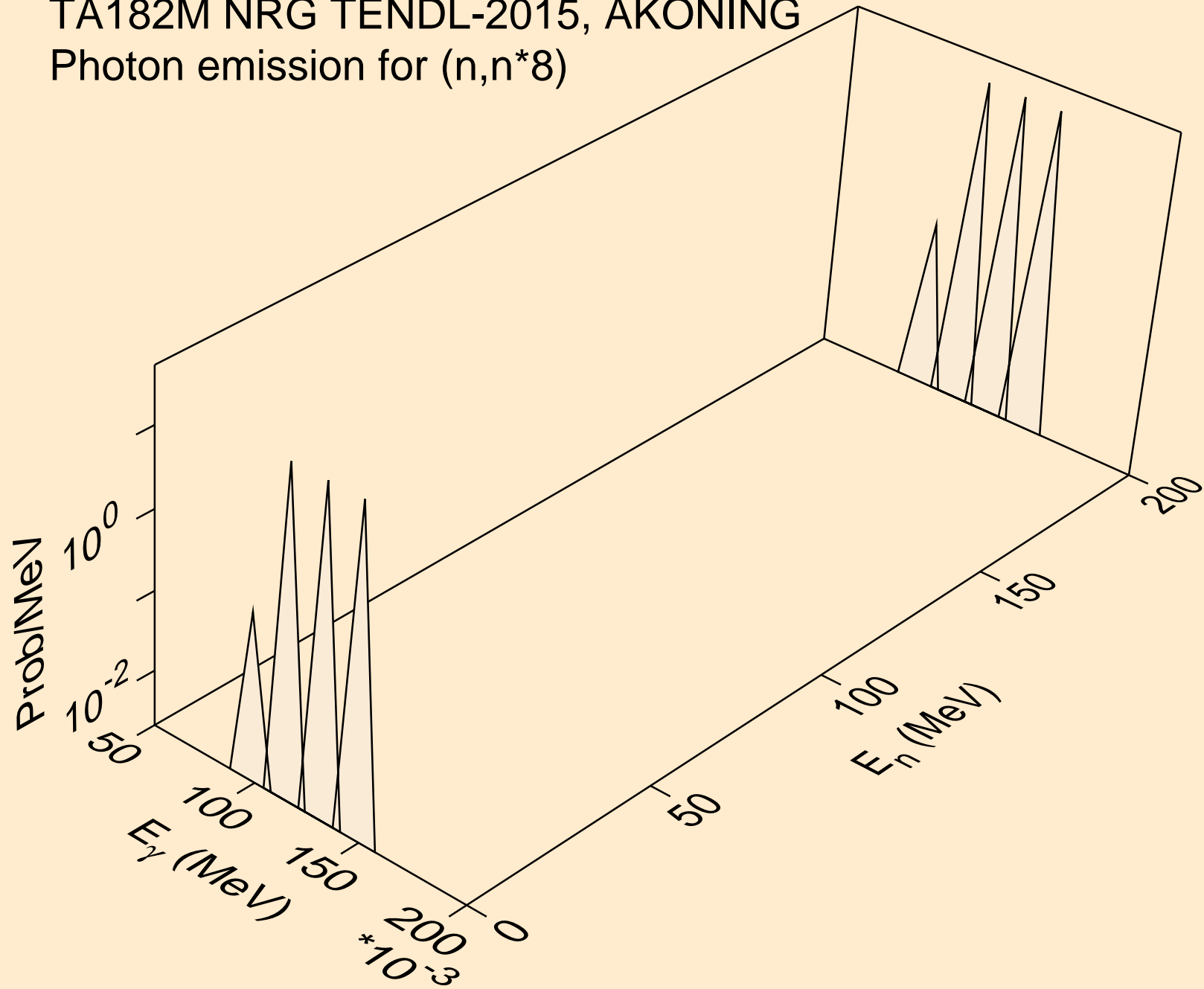
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Photon emission for (n,n\*6)



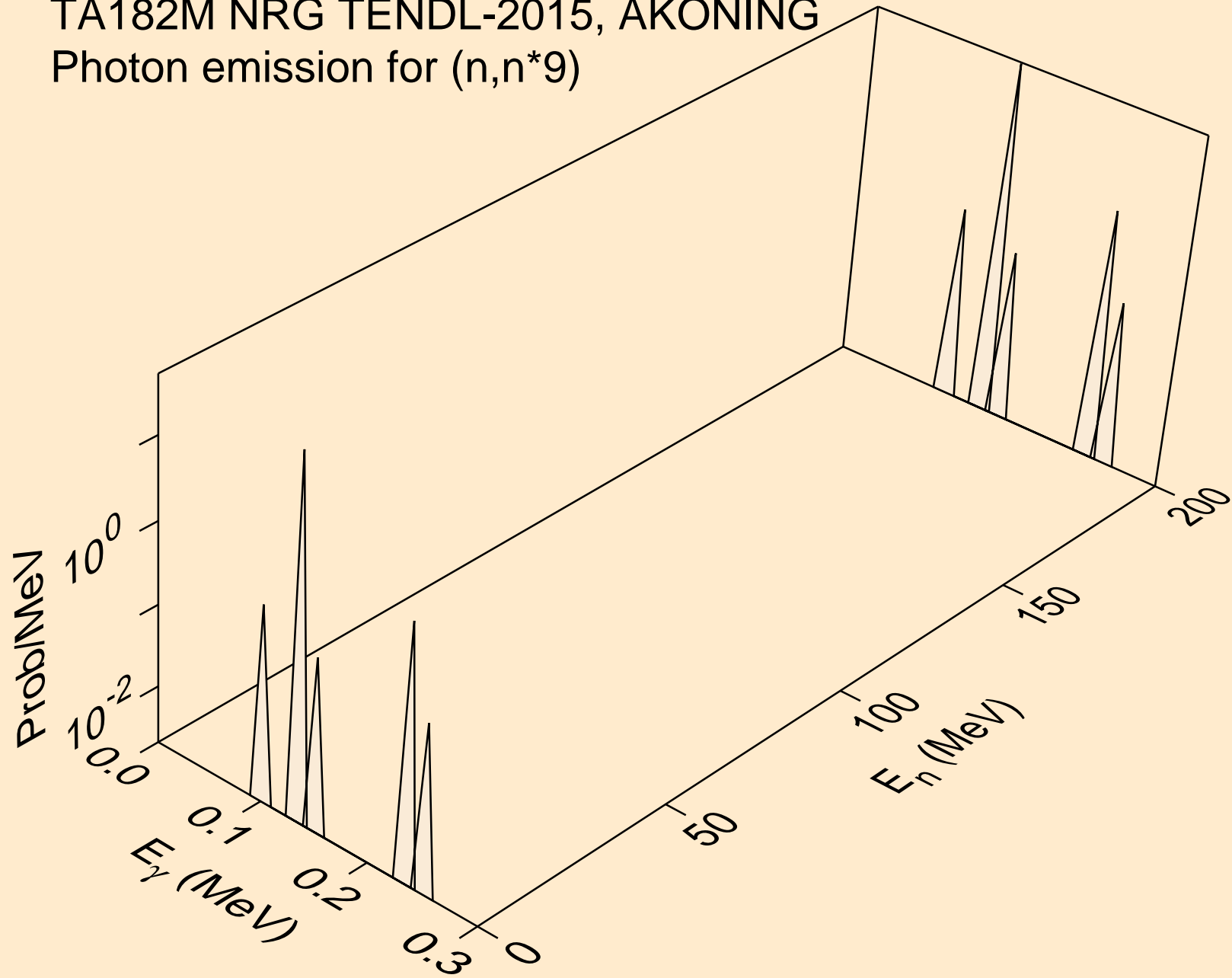
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Photon emission for (n,n\*7)



TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)

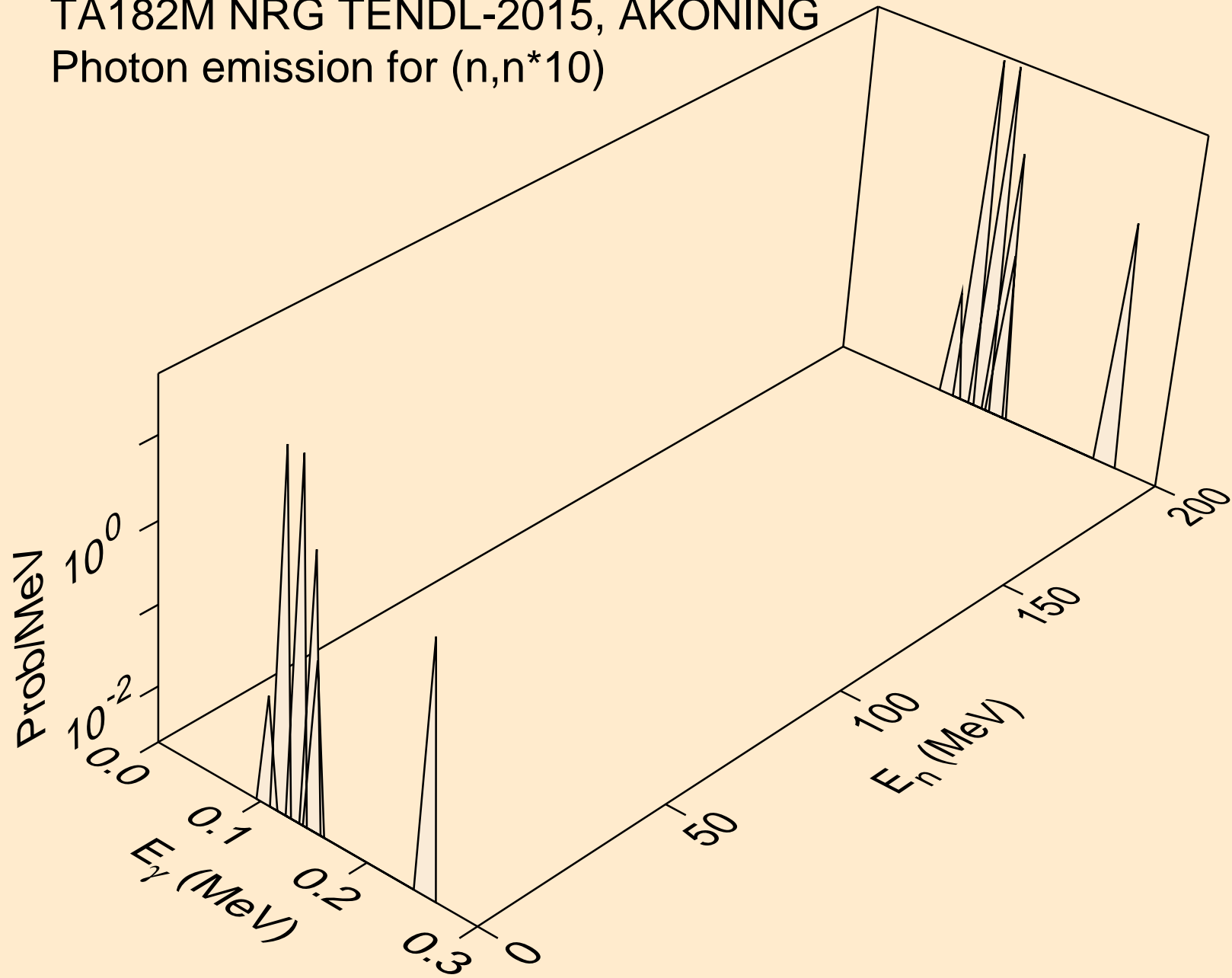


TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)

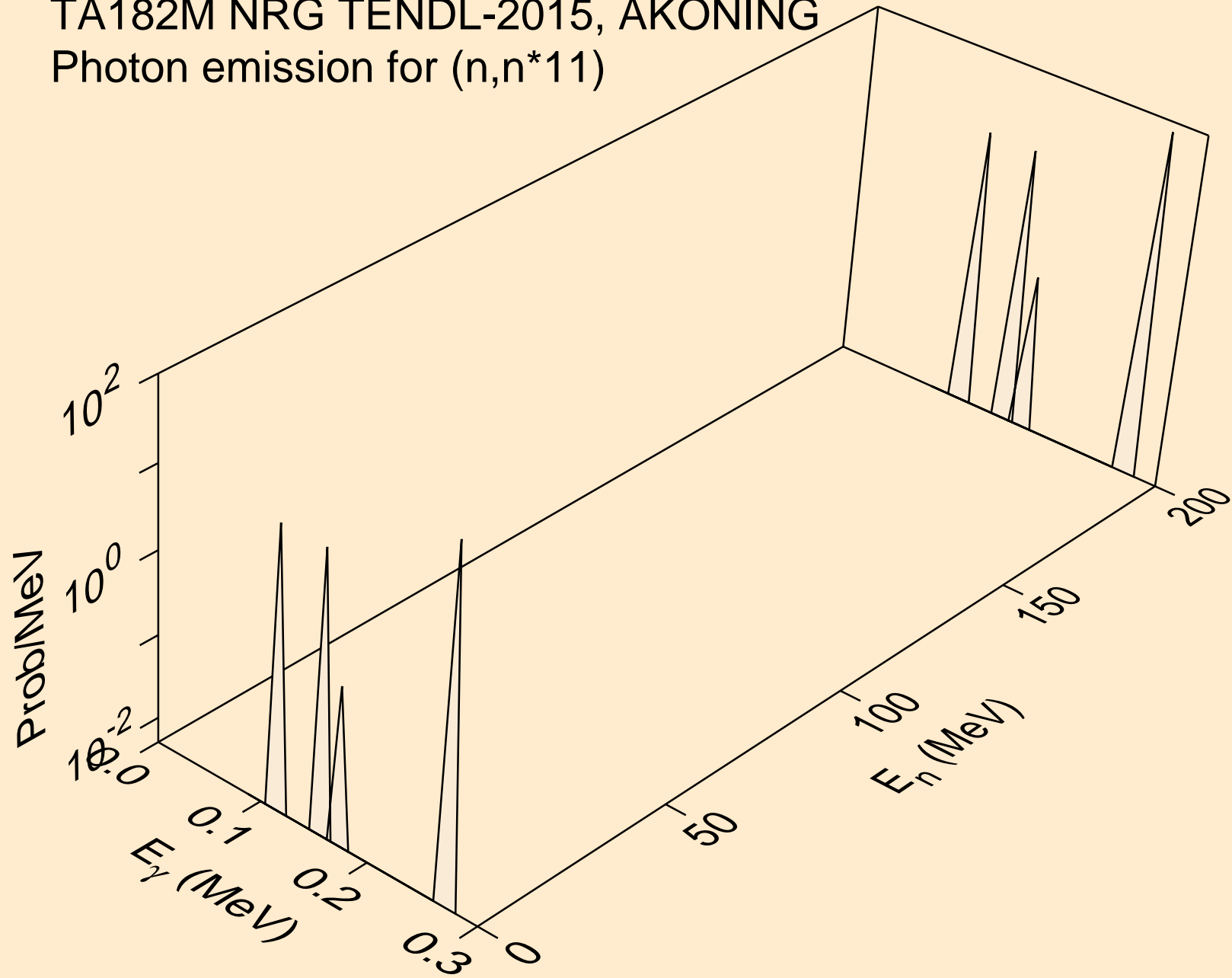




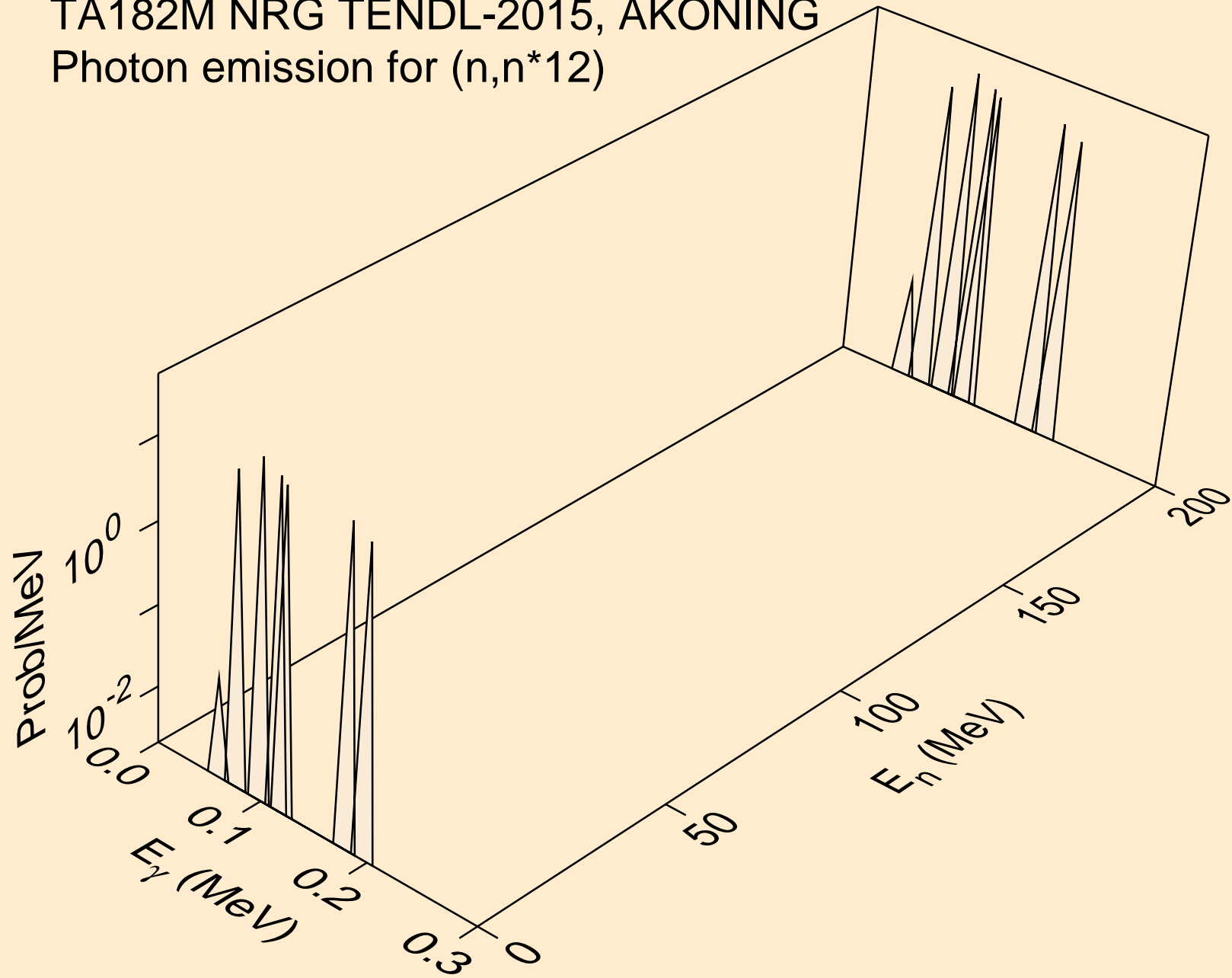
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Photon emission for (n,n\*10)



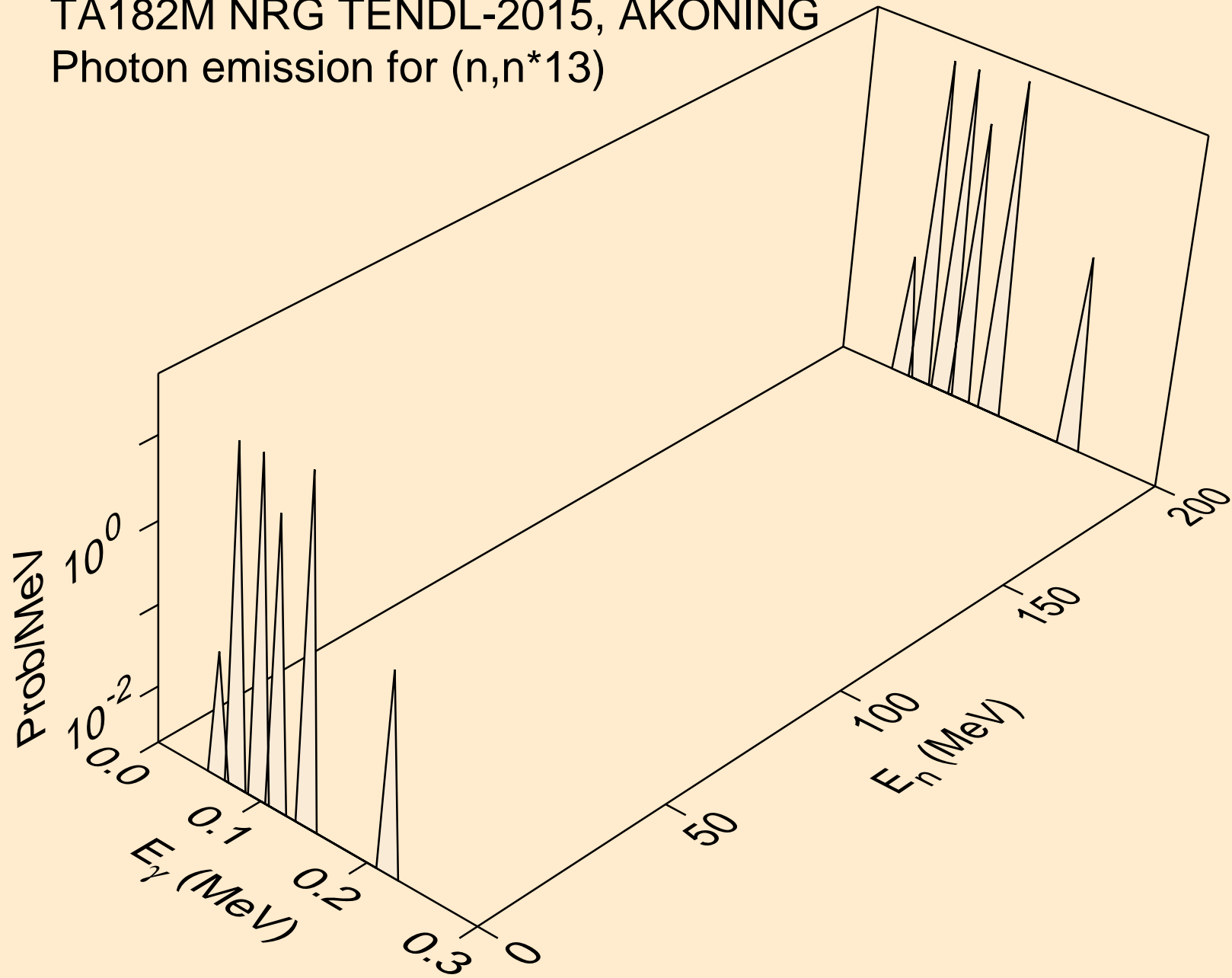
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Photon emission for (n,n\*11)



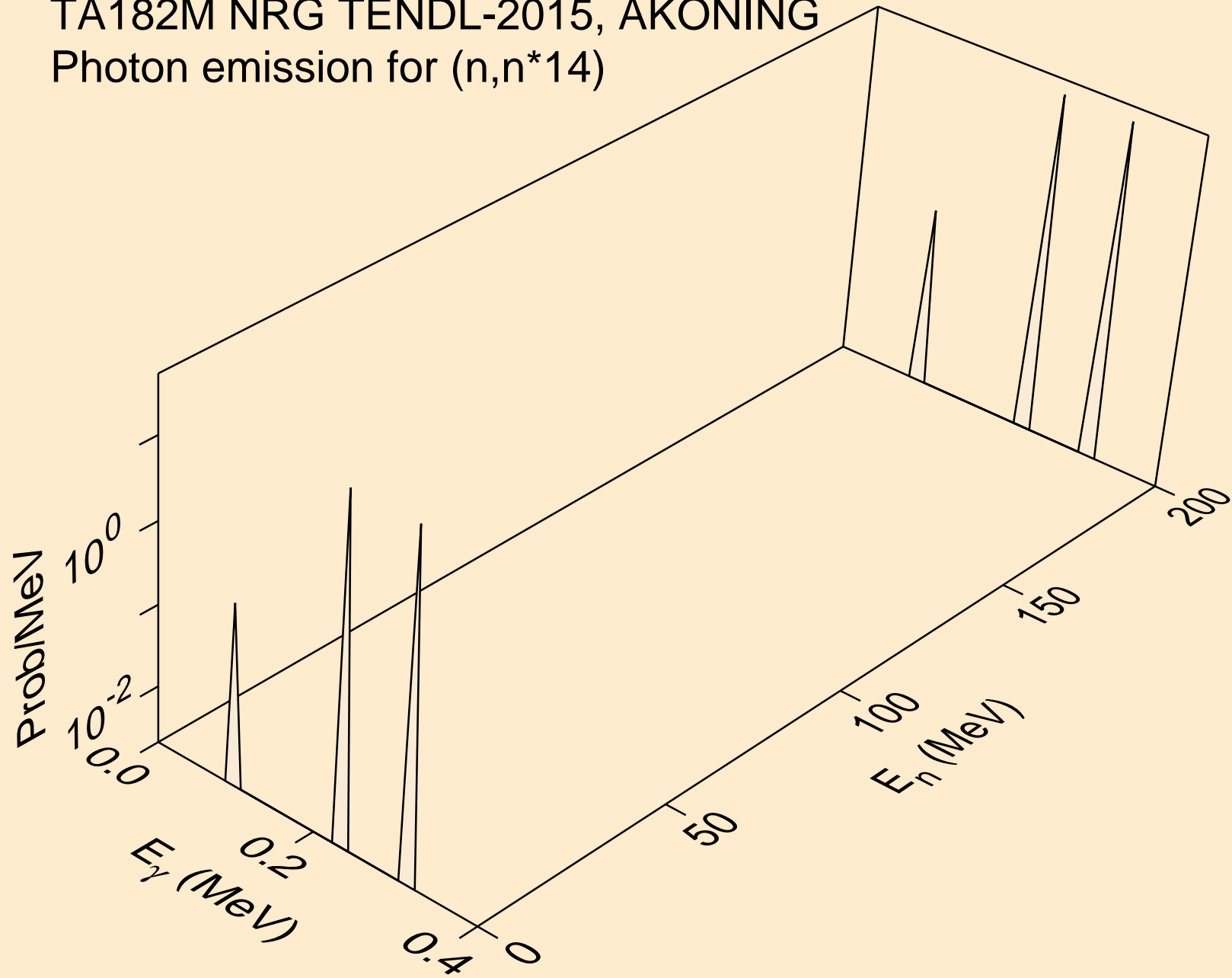
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Photon emission for (n,n\*12)



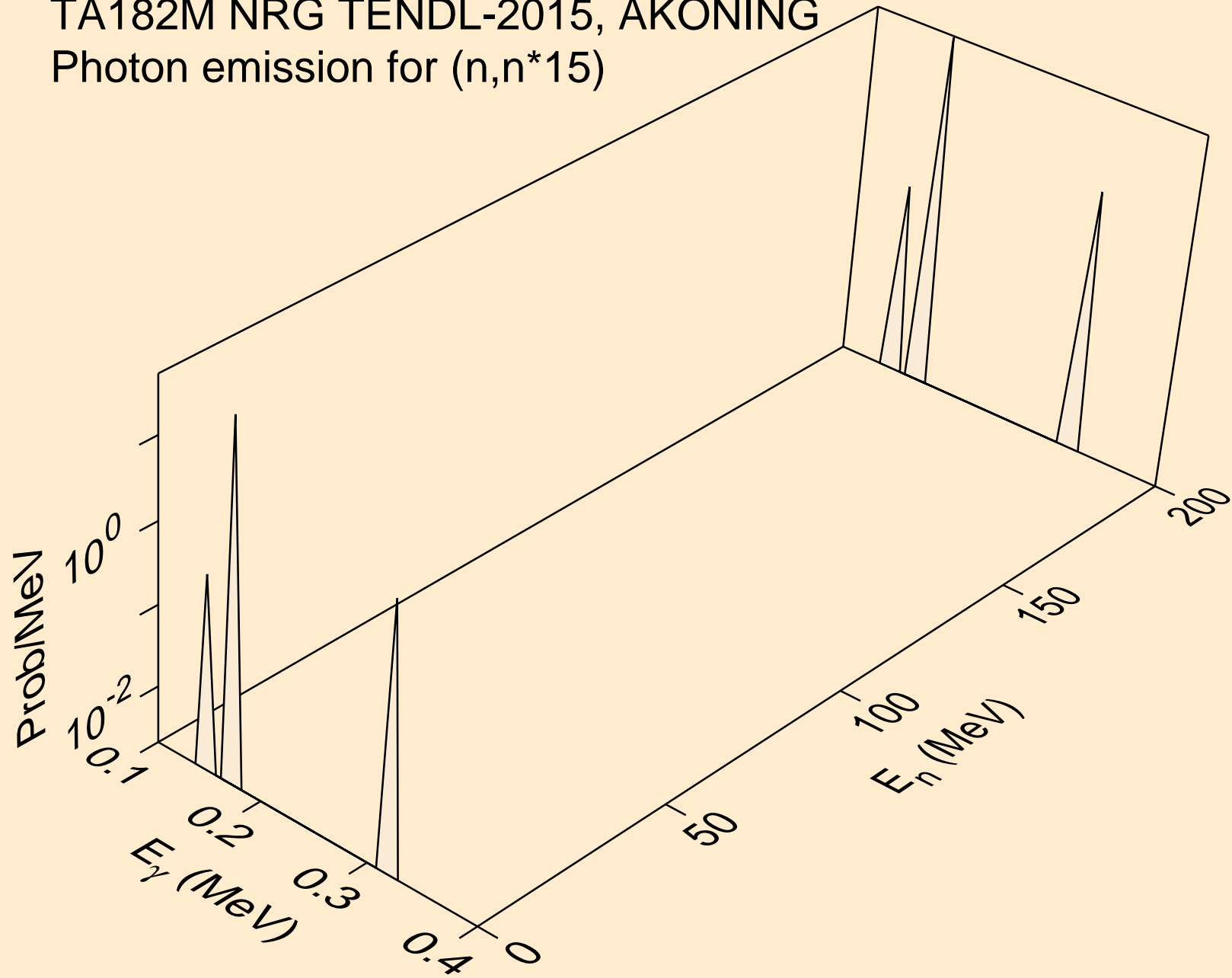
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Photon emission for (n,n\*13)



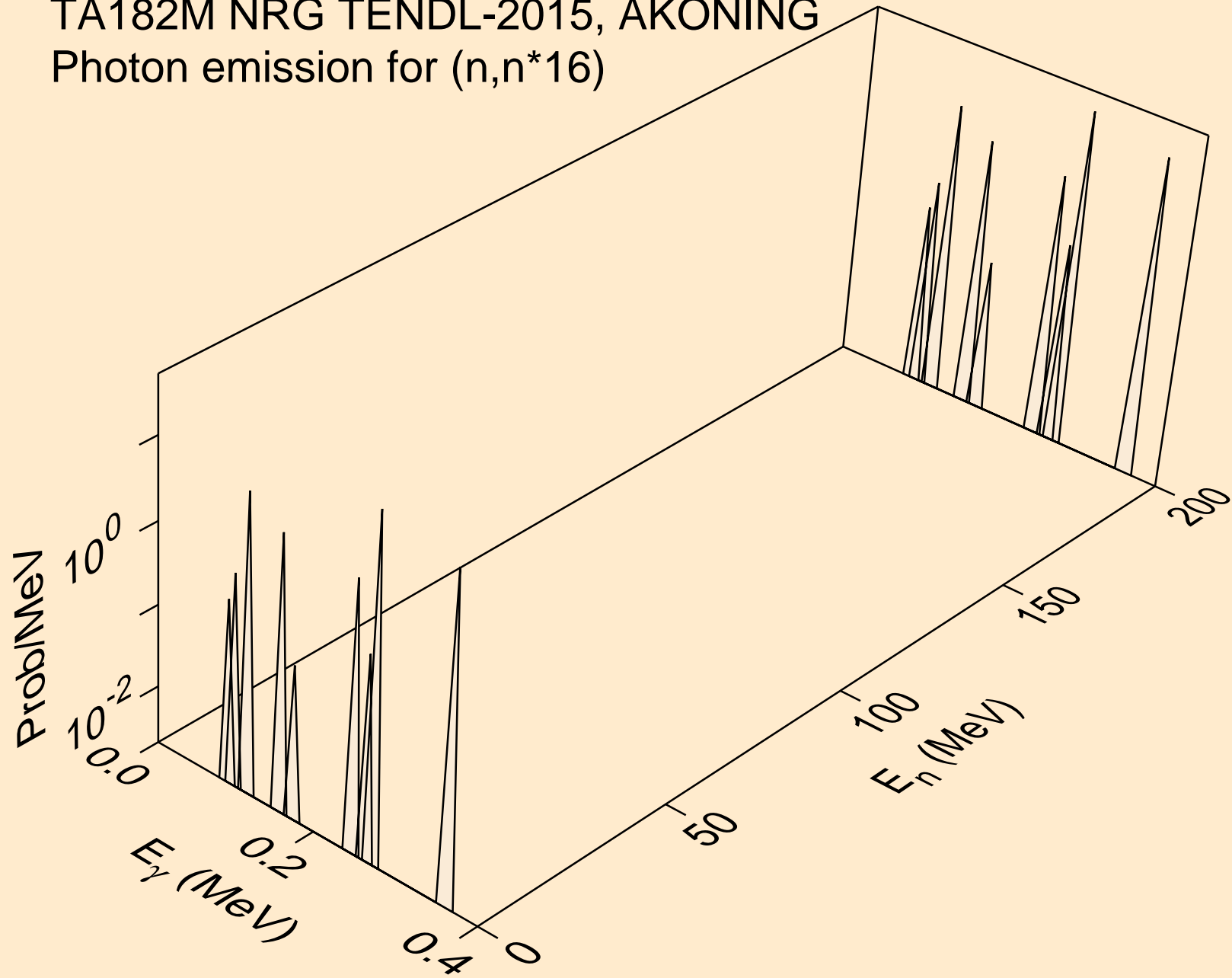
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Photon emission for (n,n\*14)



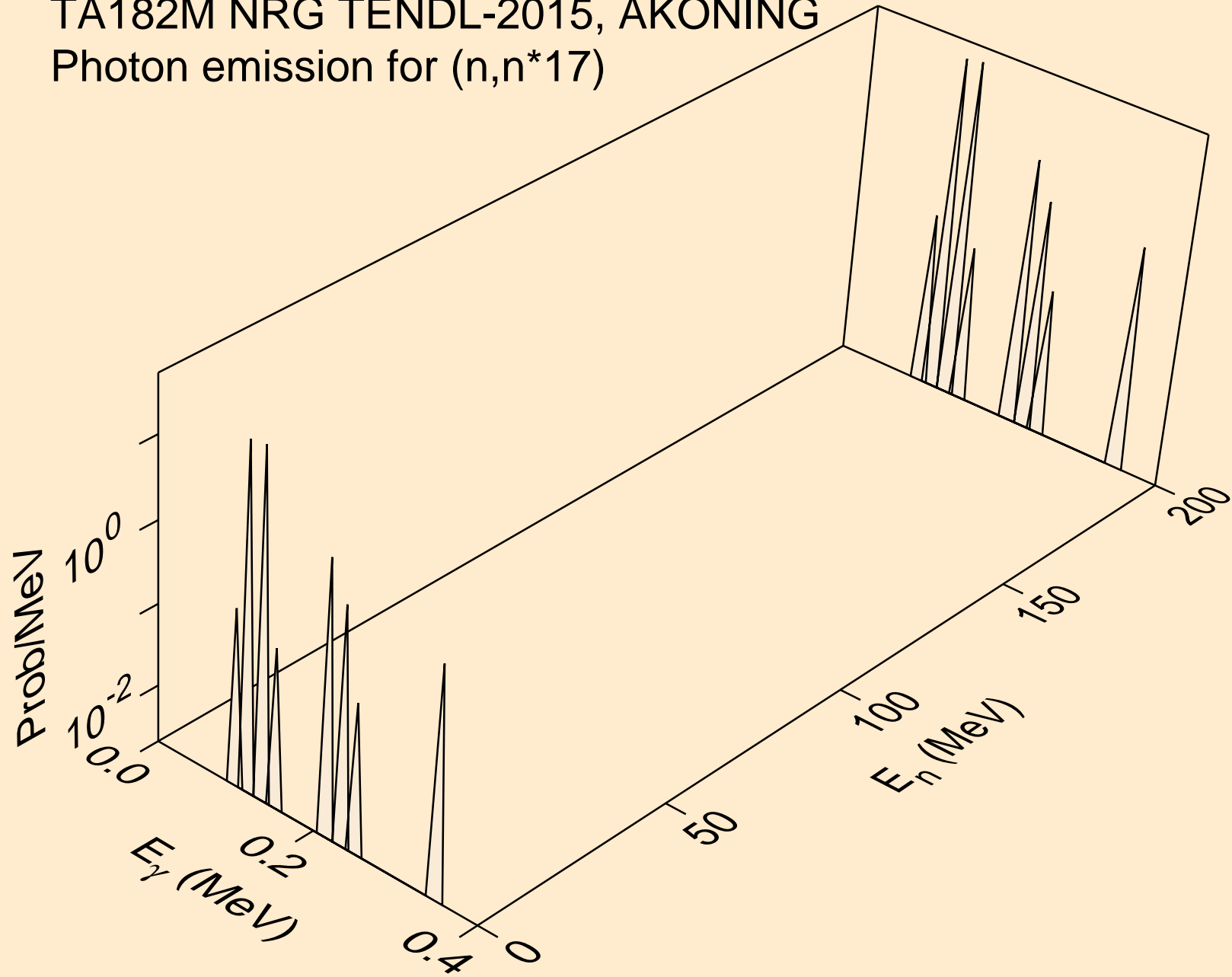
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Photon emission for (n,n\*15)



TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*16)

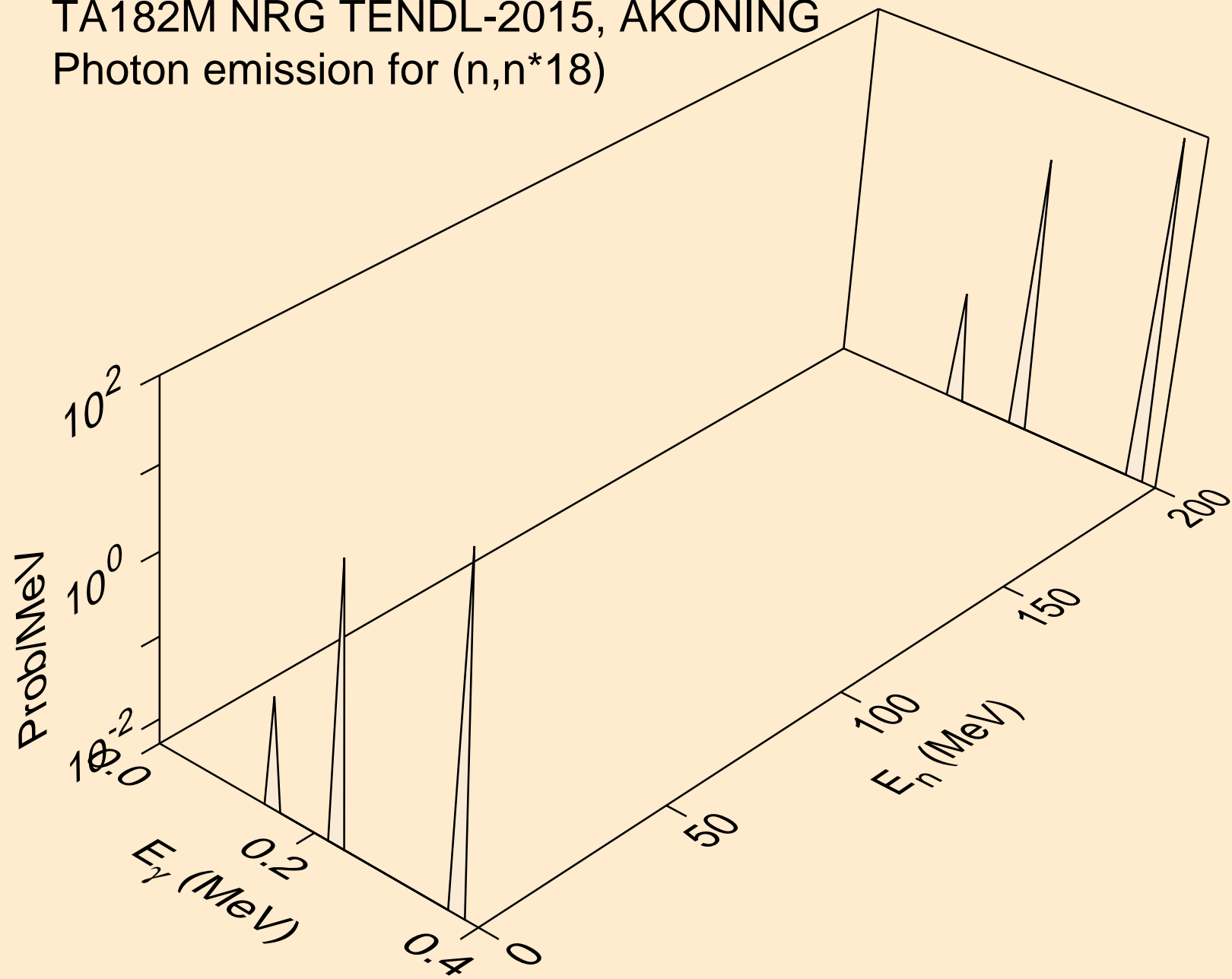


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Photon emission for (n,n\*17)

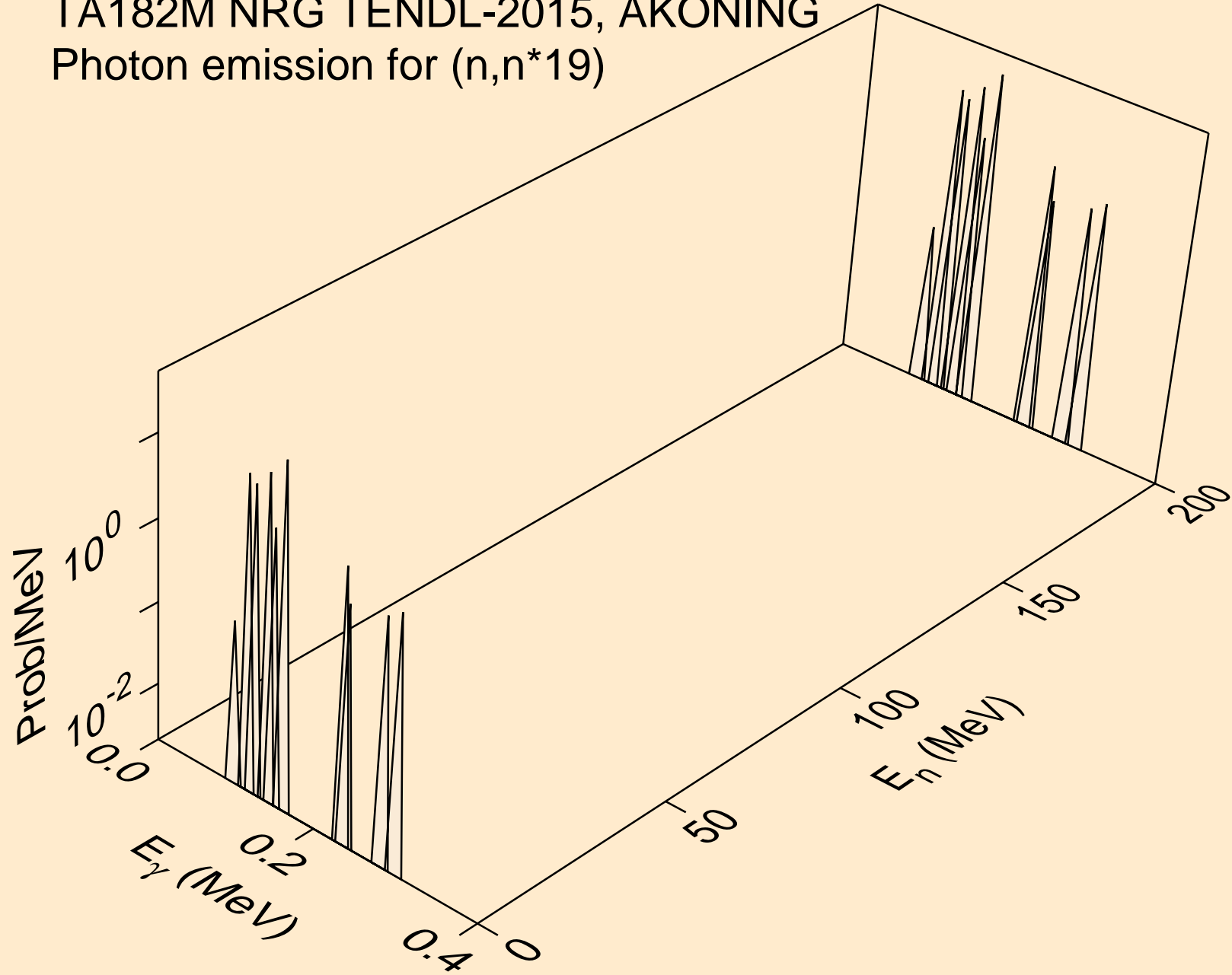




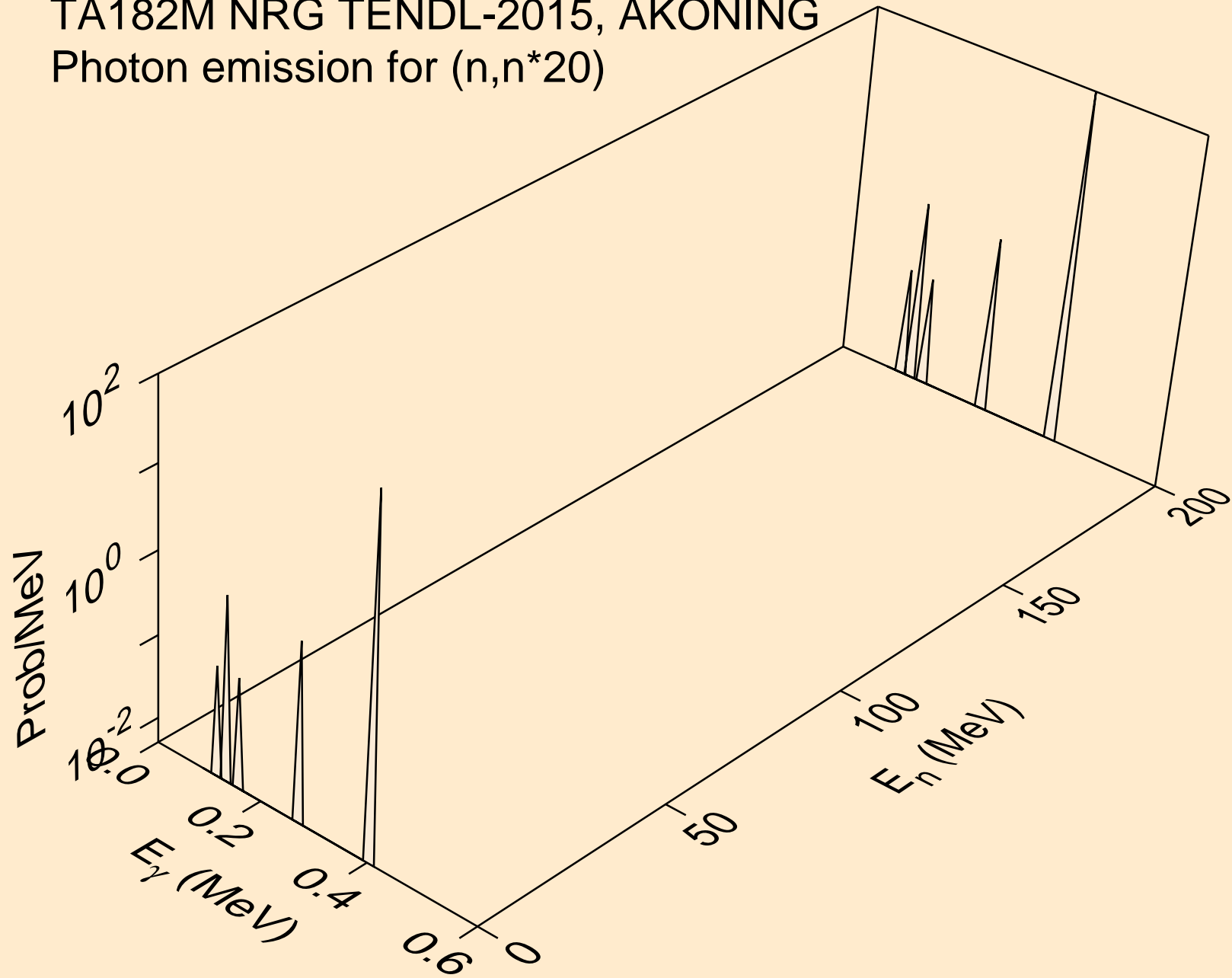
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Photon emission for (n,n\*18)



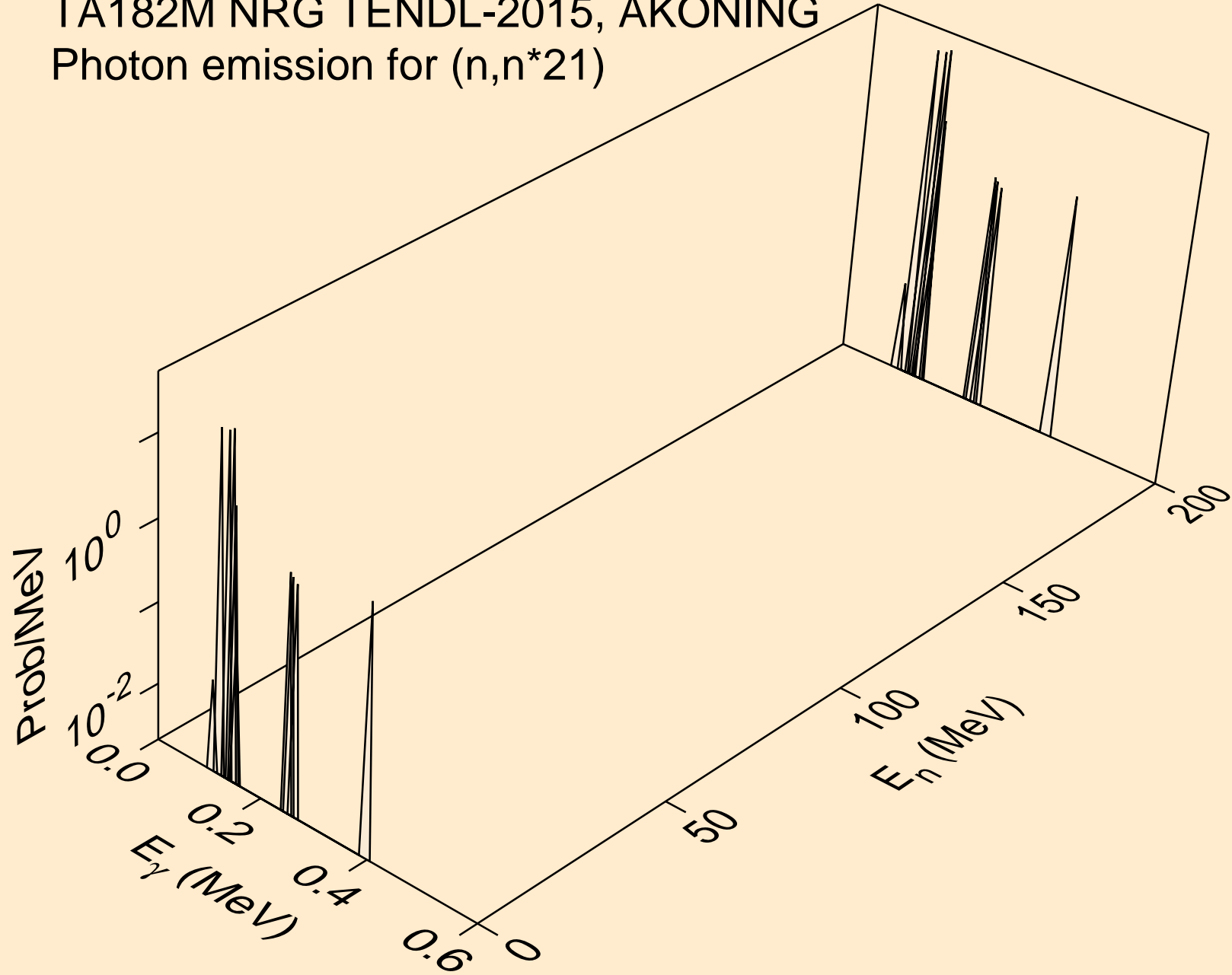
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Photon emission for (n,n\*19)



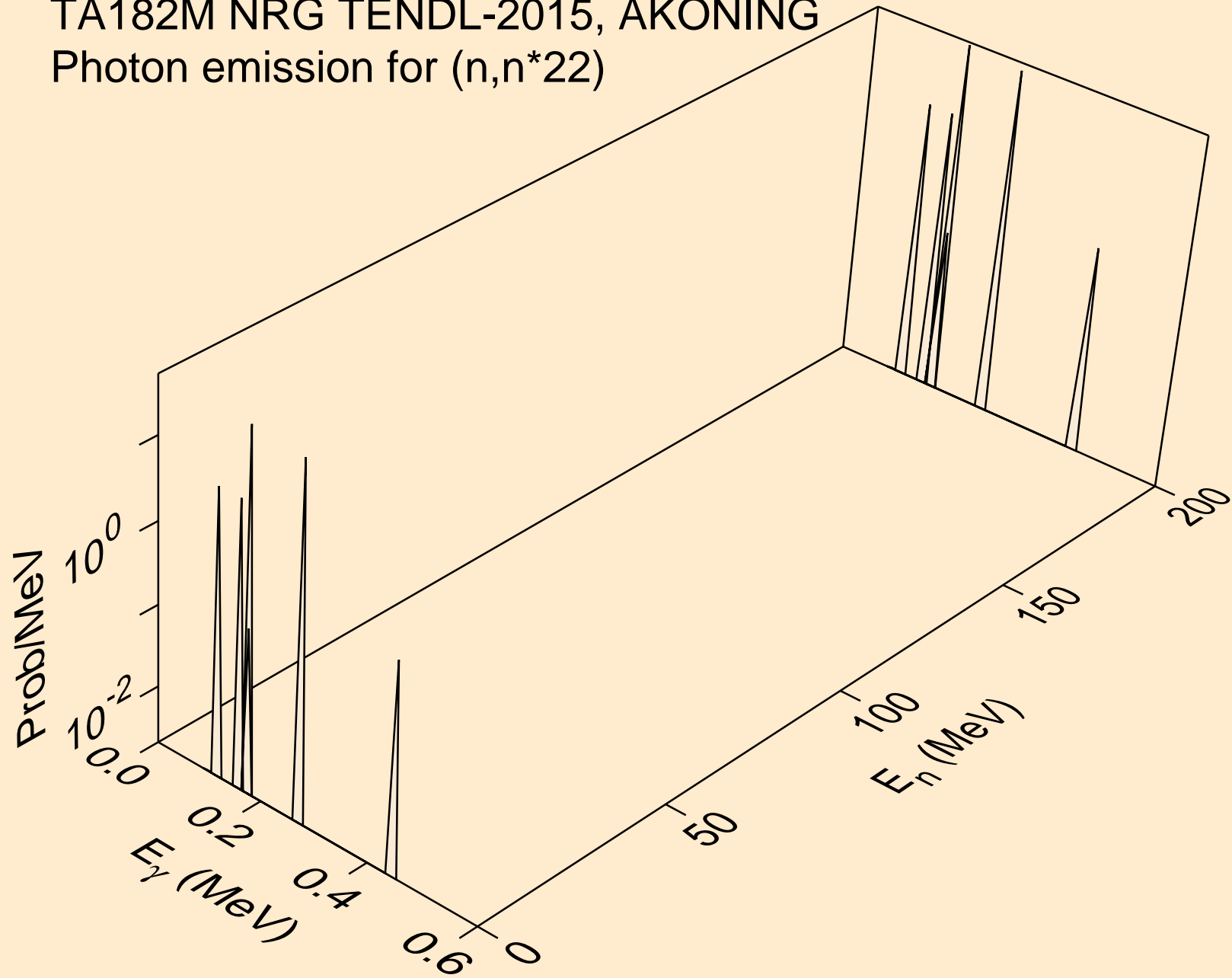
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Photon emission for (n,n\*20)



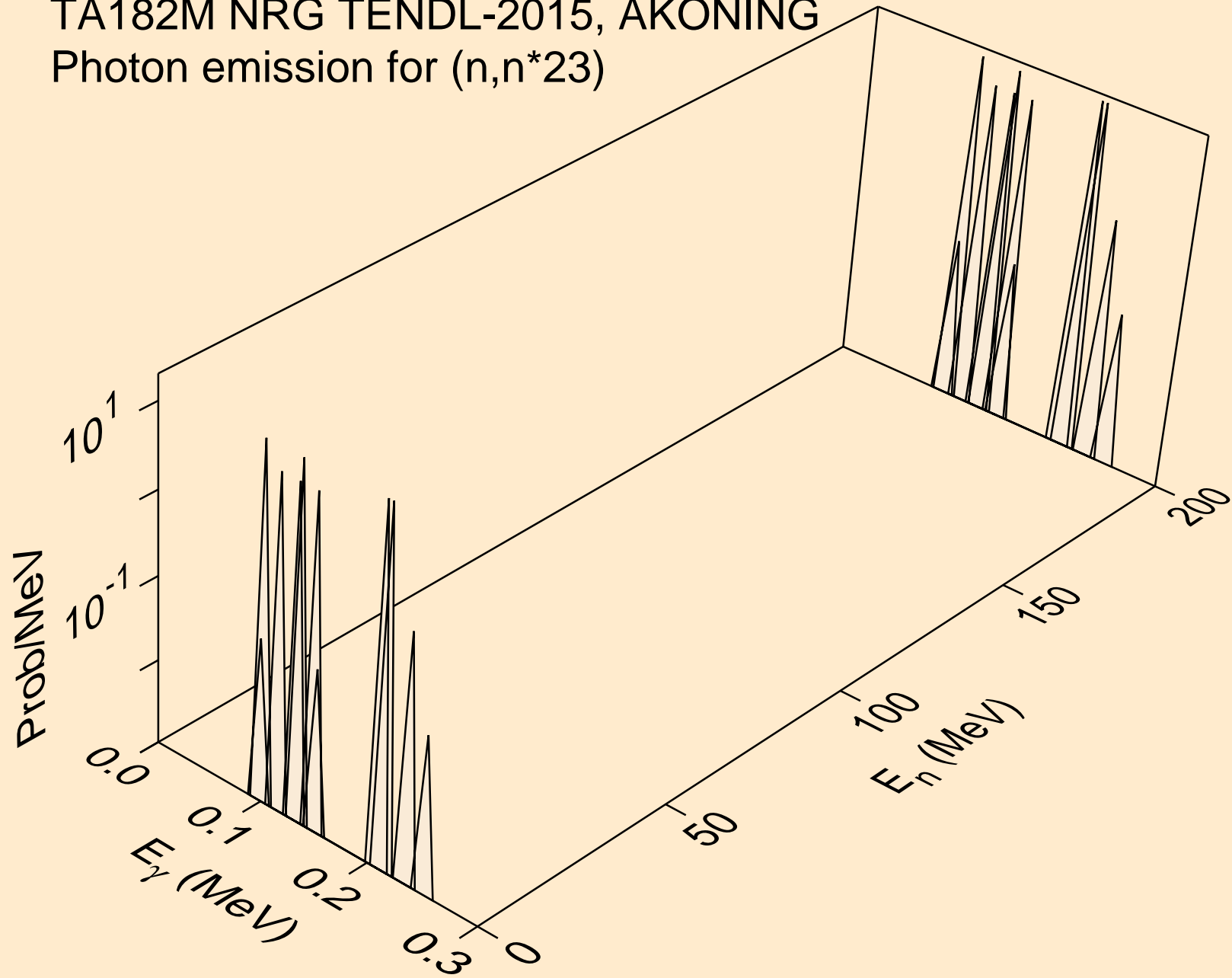
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Photon emission for (n,n\*21)



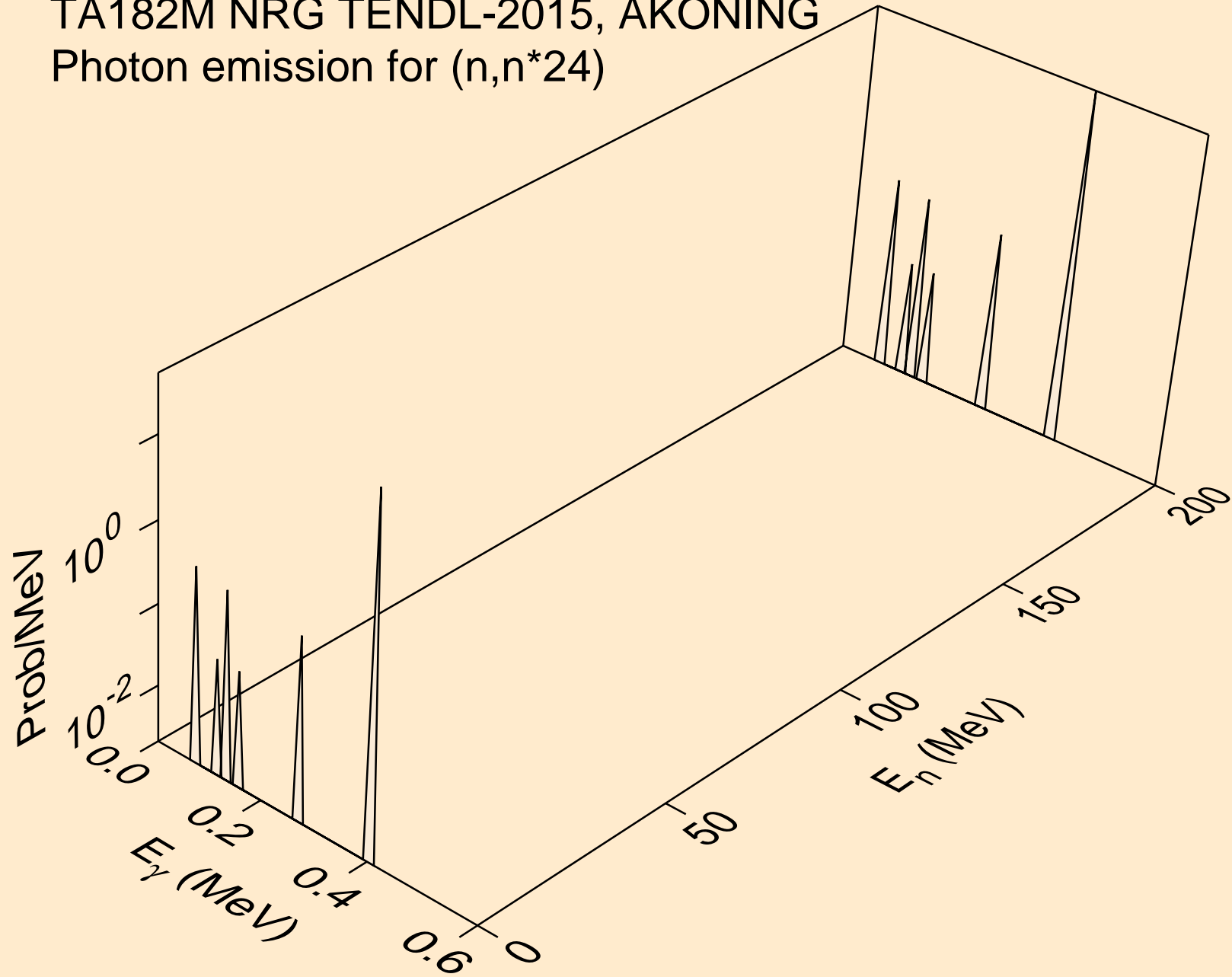
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Photon emission for (n,n\*22)



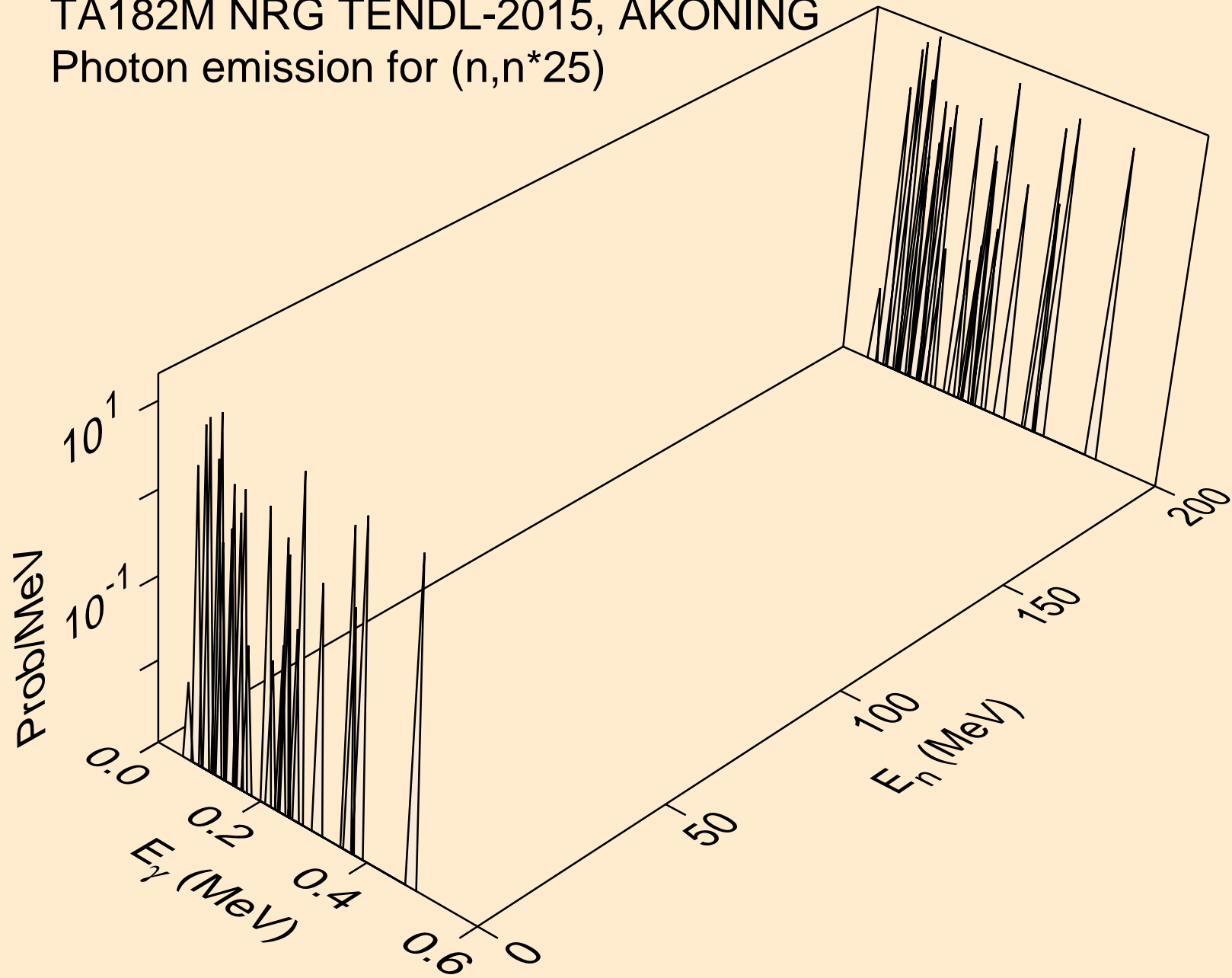
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Photon emission for (n,n\*23)



TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*24)

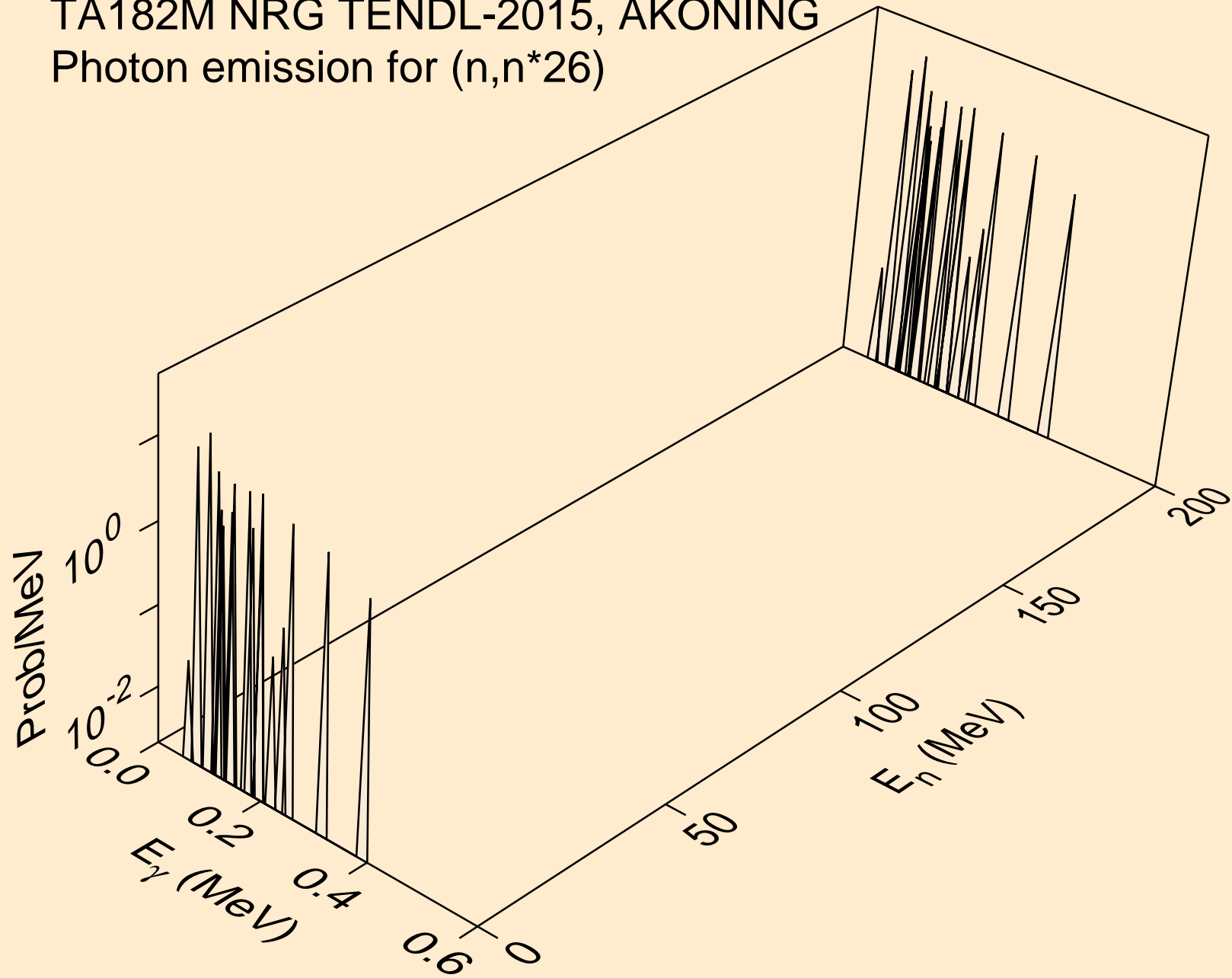


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Photon emission for (n,n\*25)

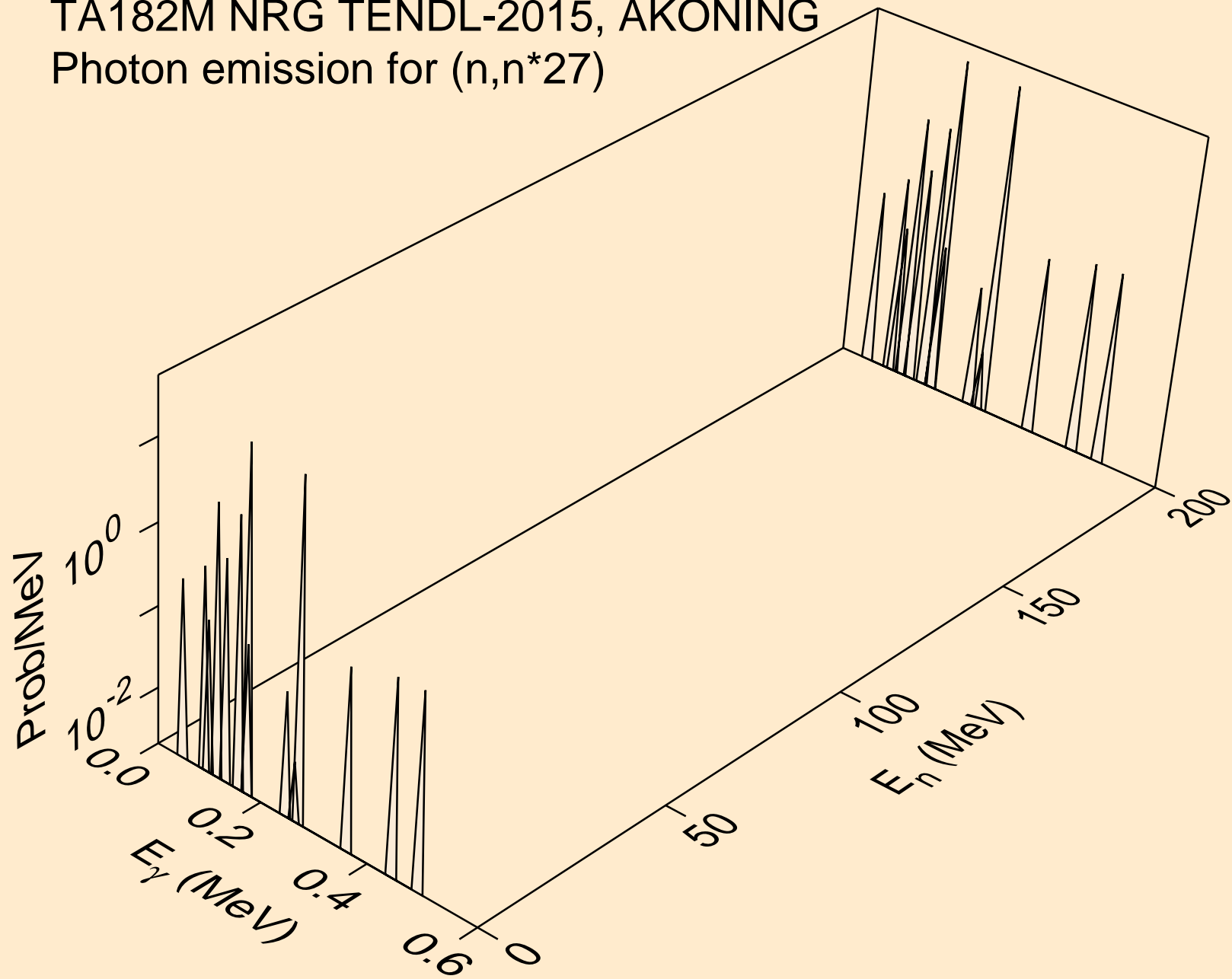




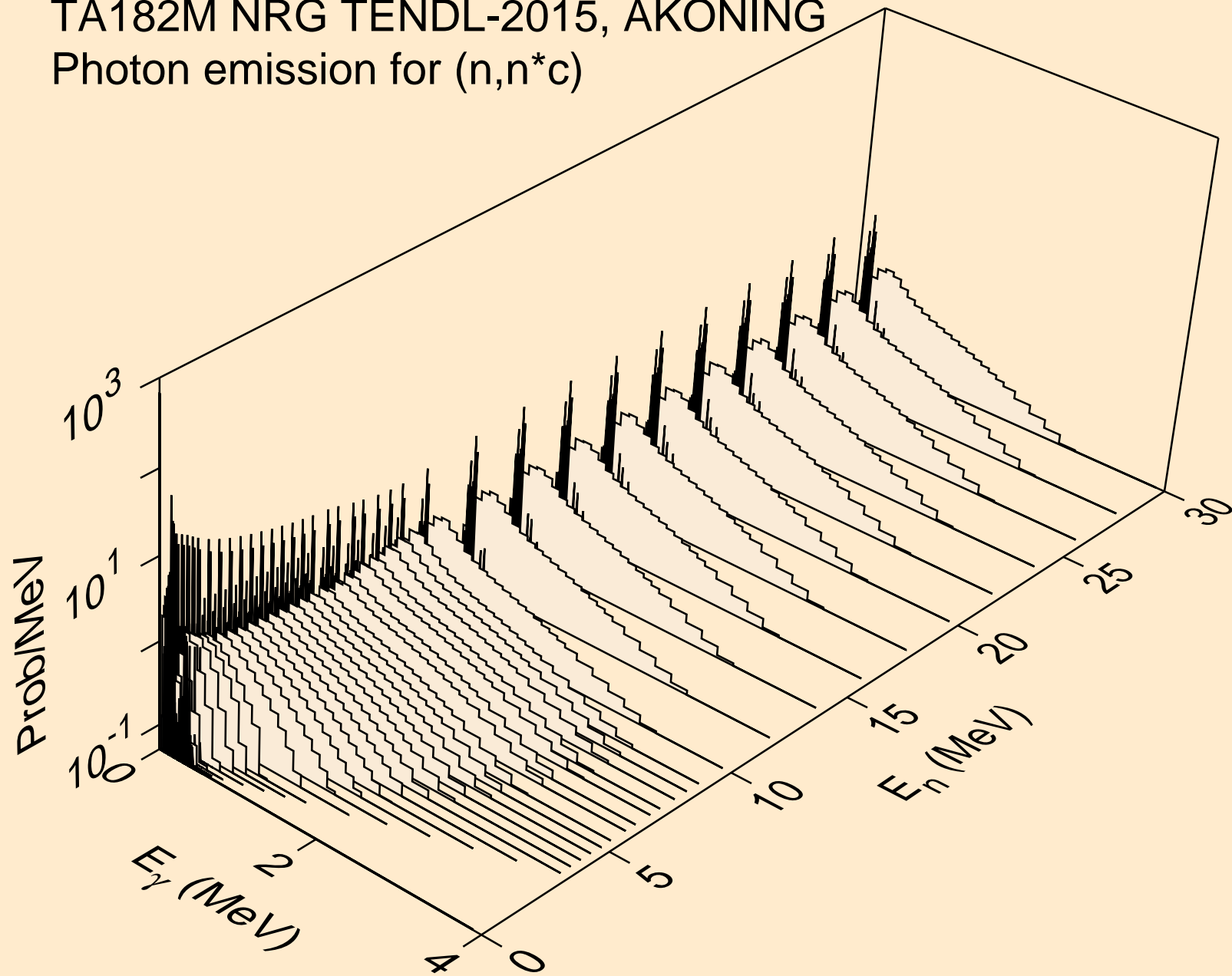
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Photon emission for (n,n\*26)



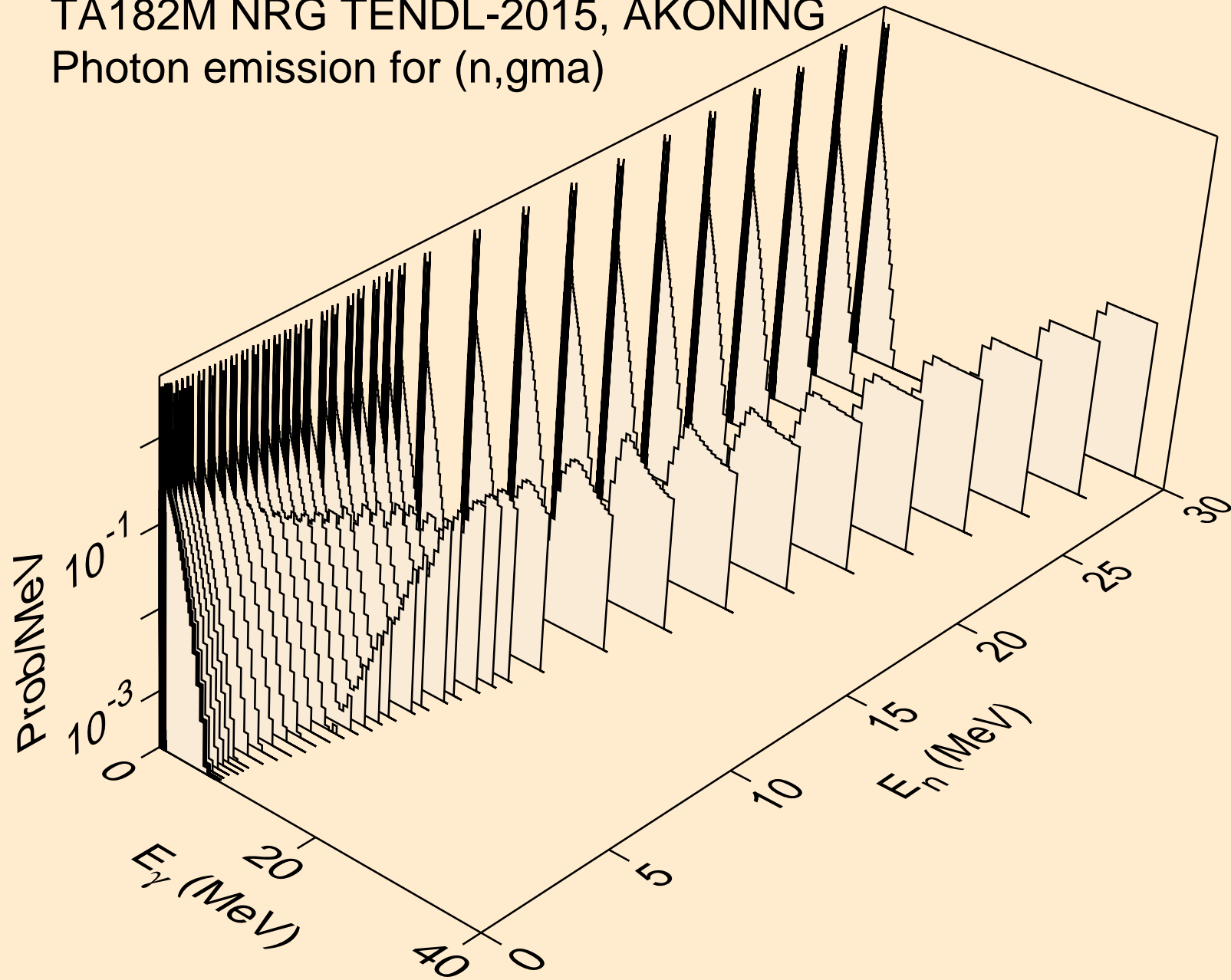
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Photon emission for (n,n\*27)



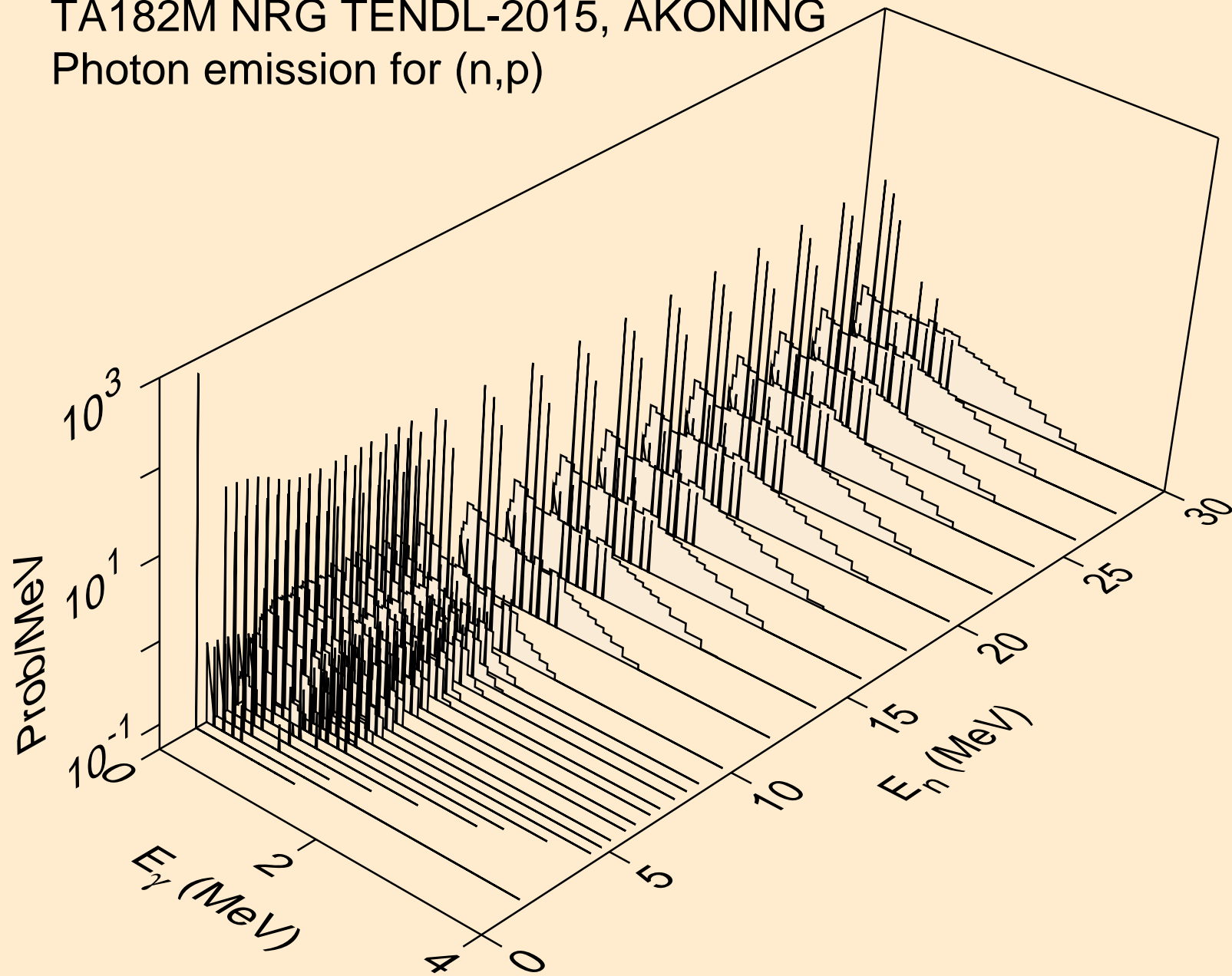
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Photon emission for (n,n\*c)



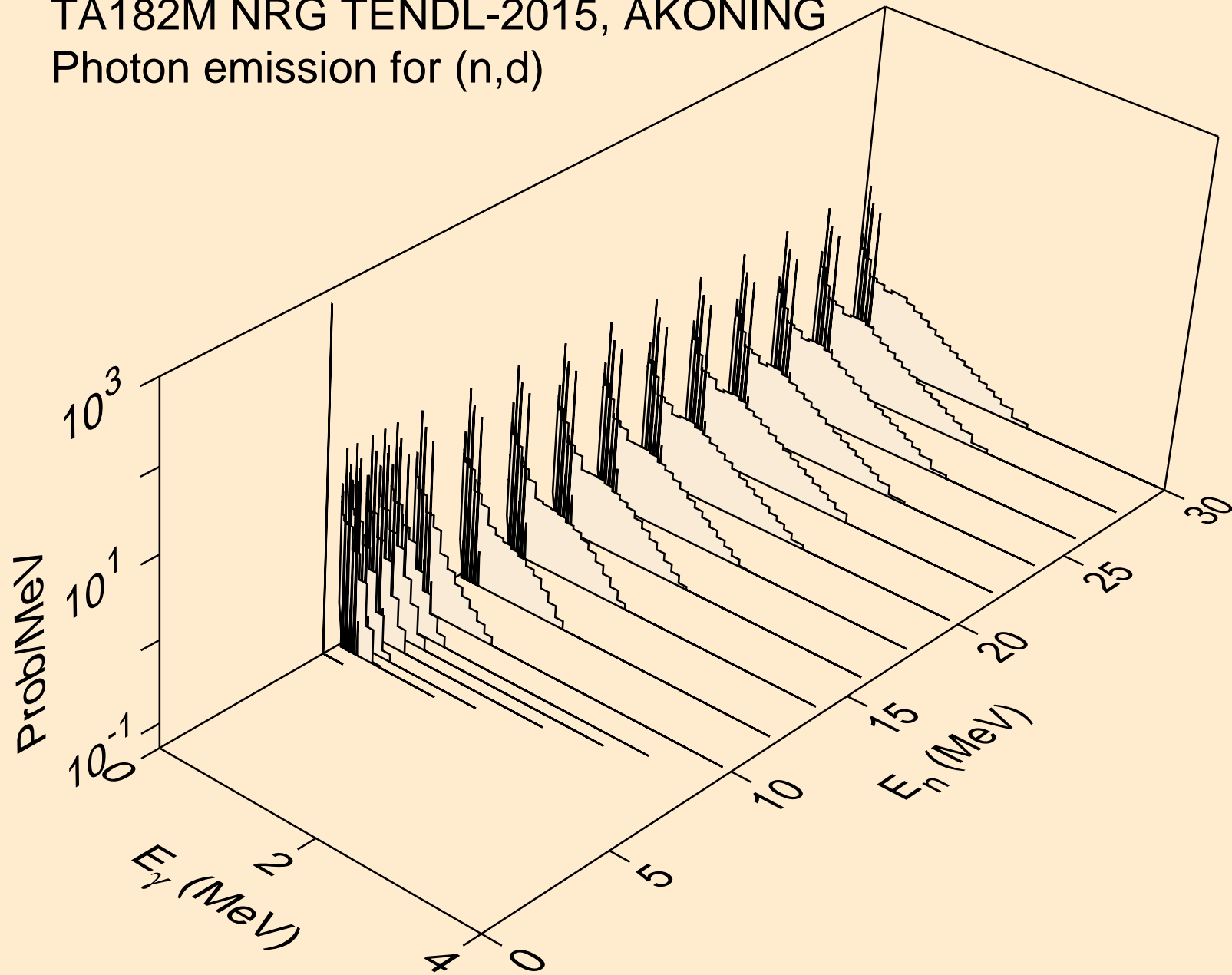
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Photon emission for (n,gma)



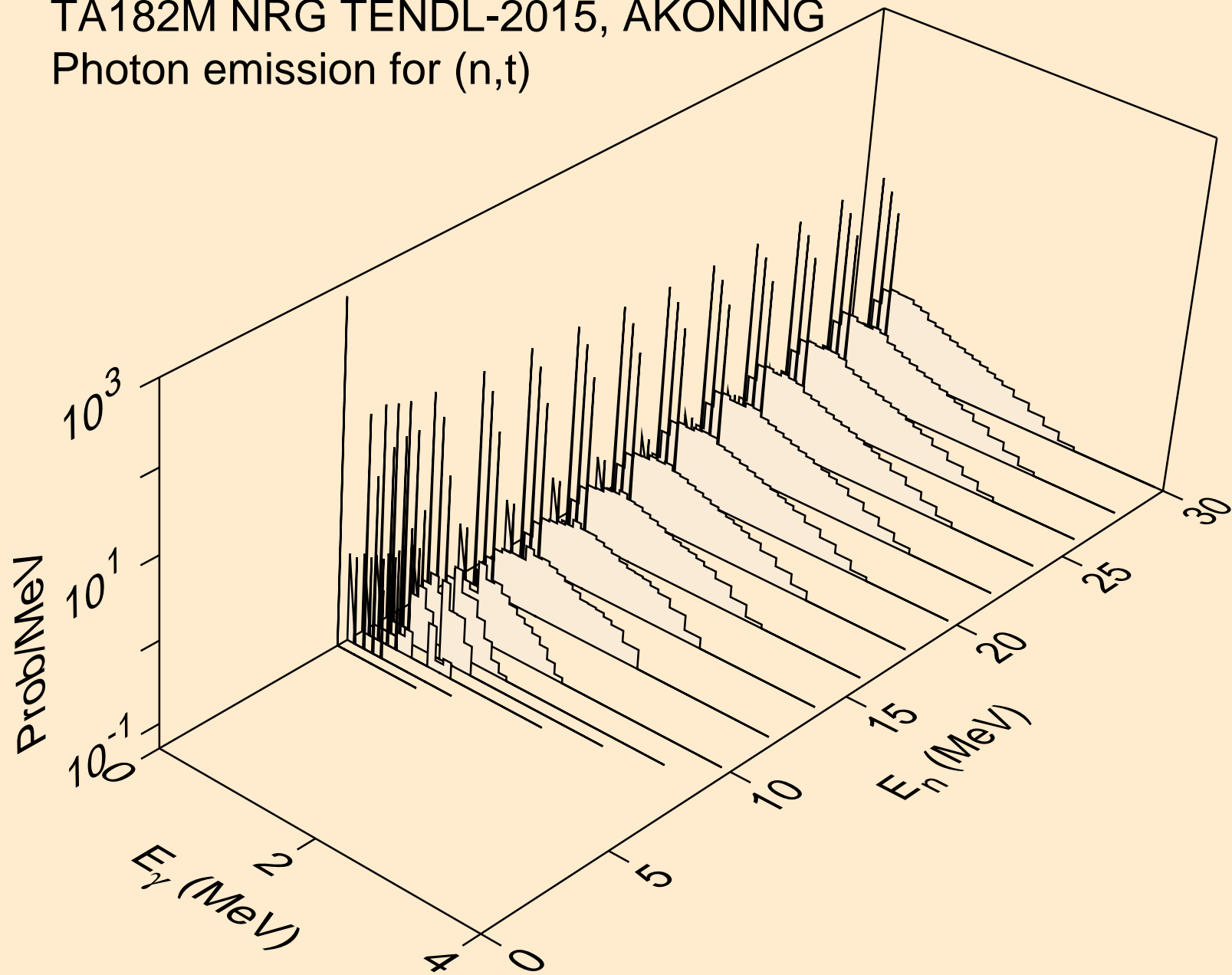
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Photon emission for (n,p)



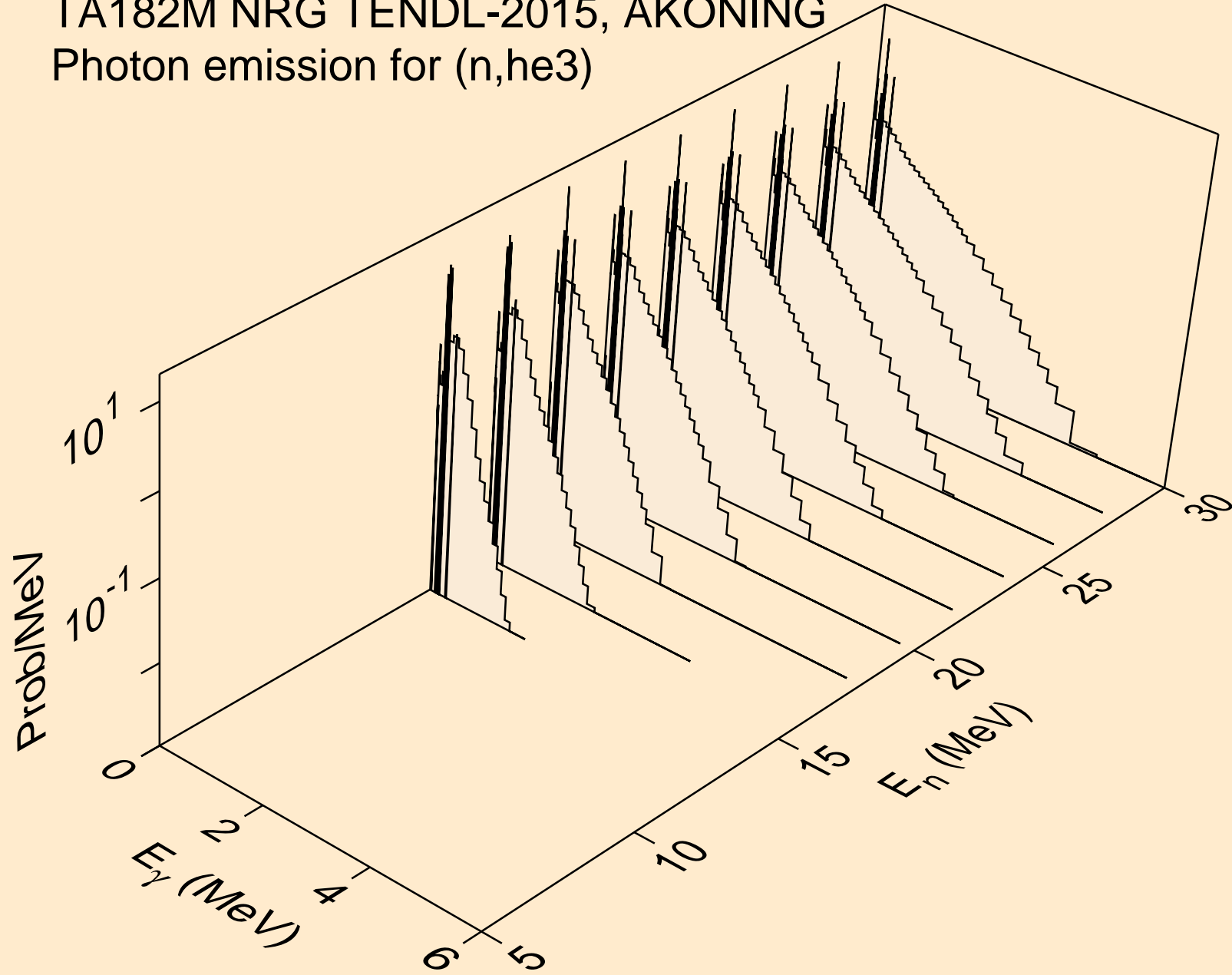
TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,t)

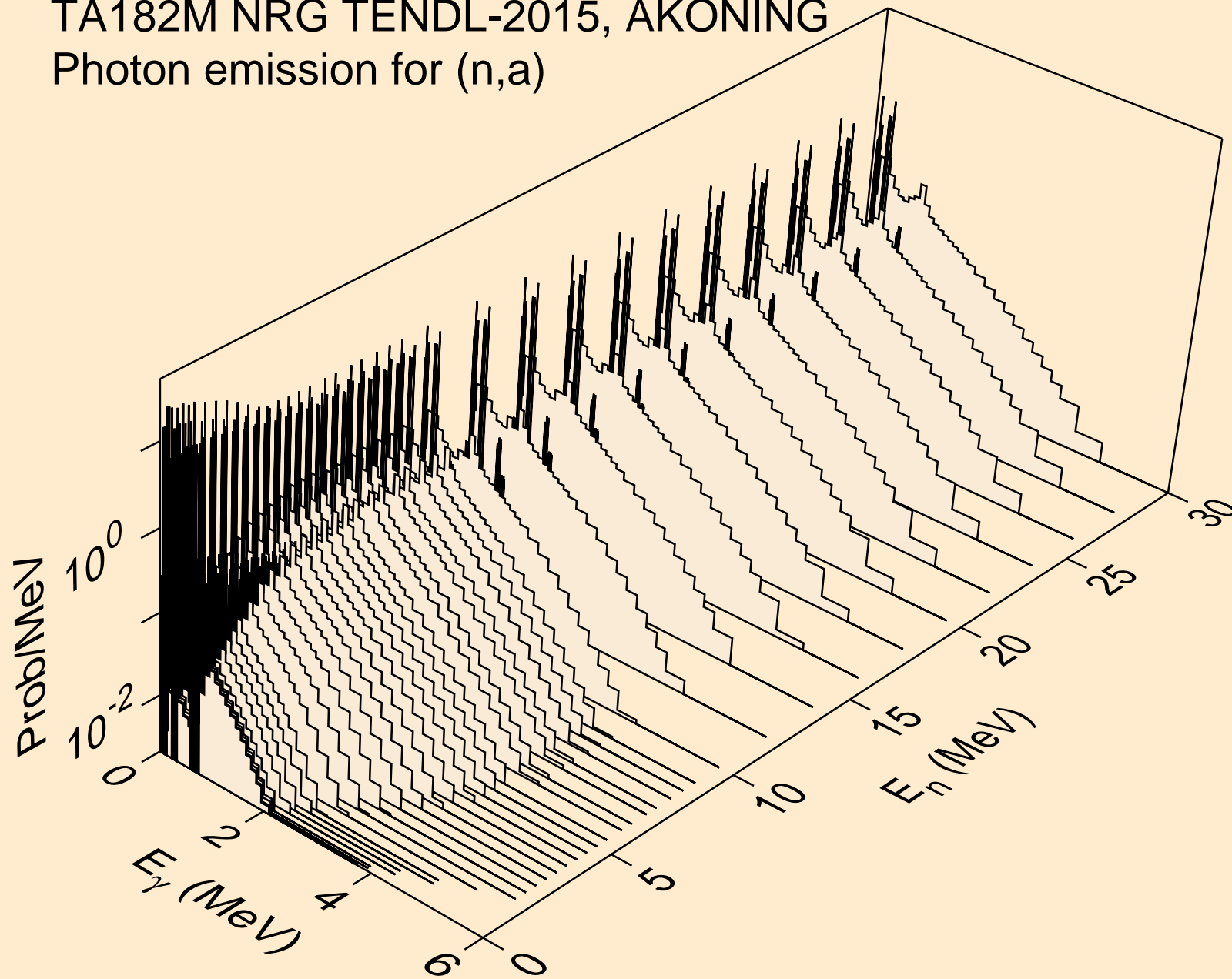


TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

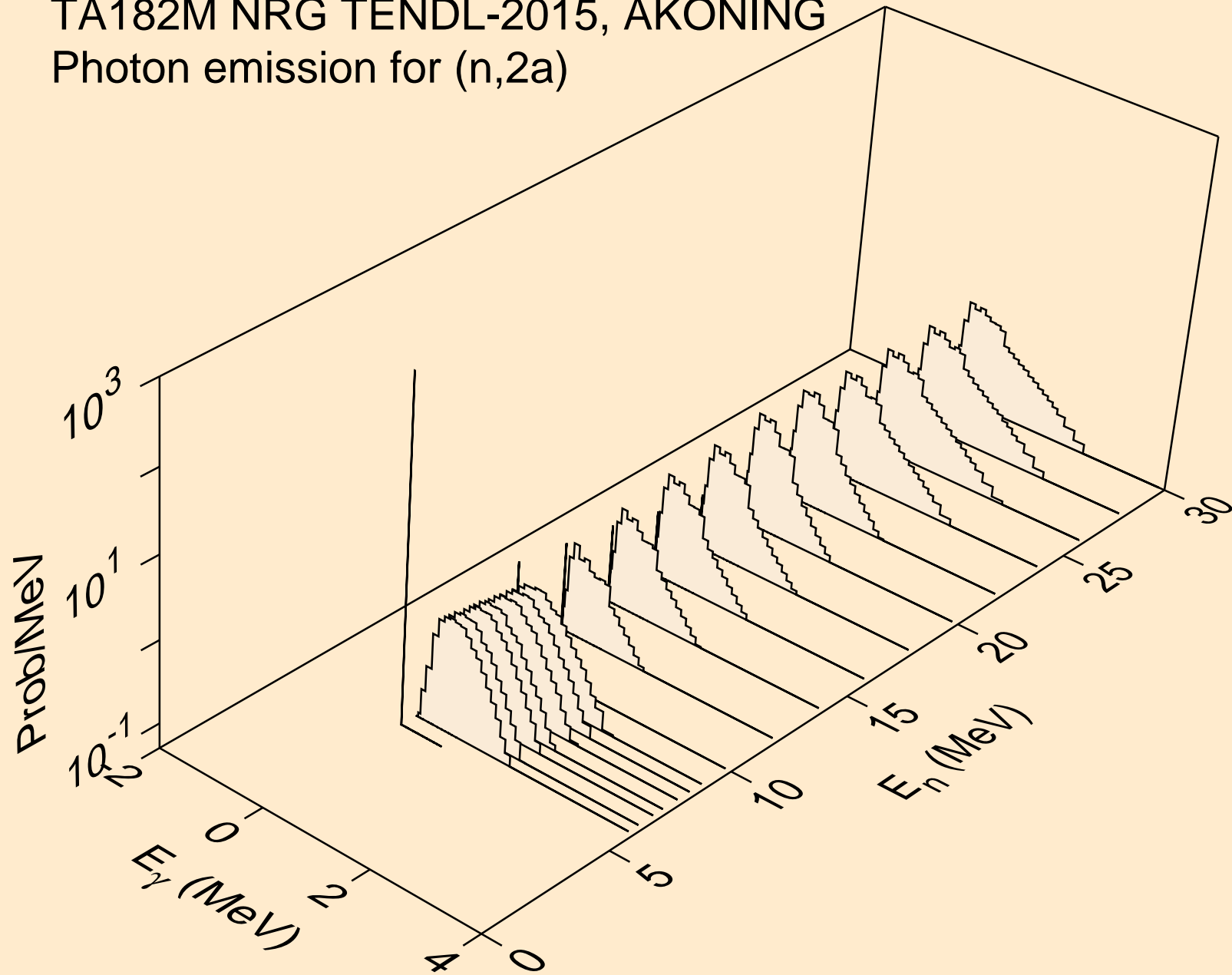




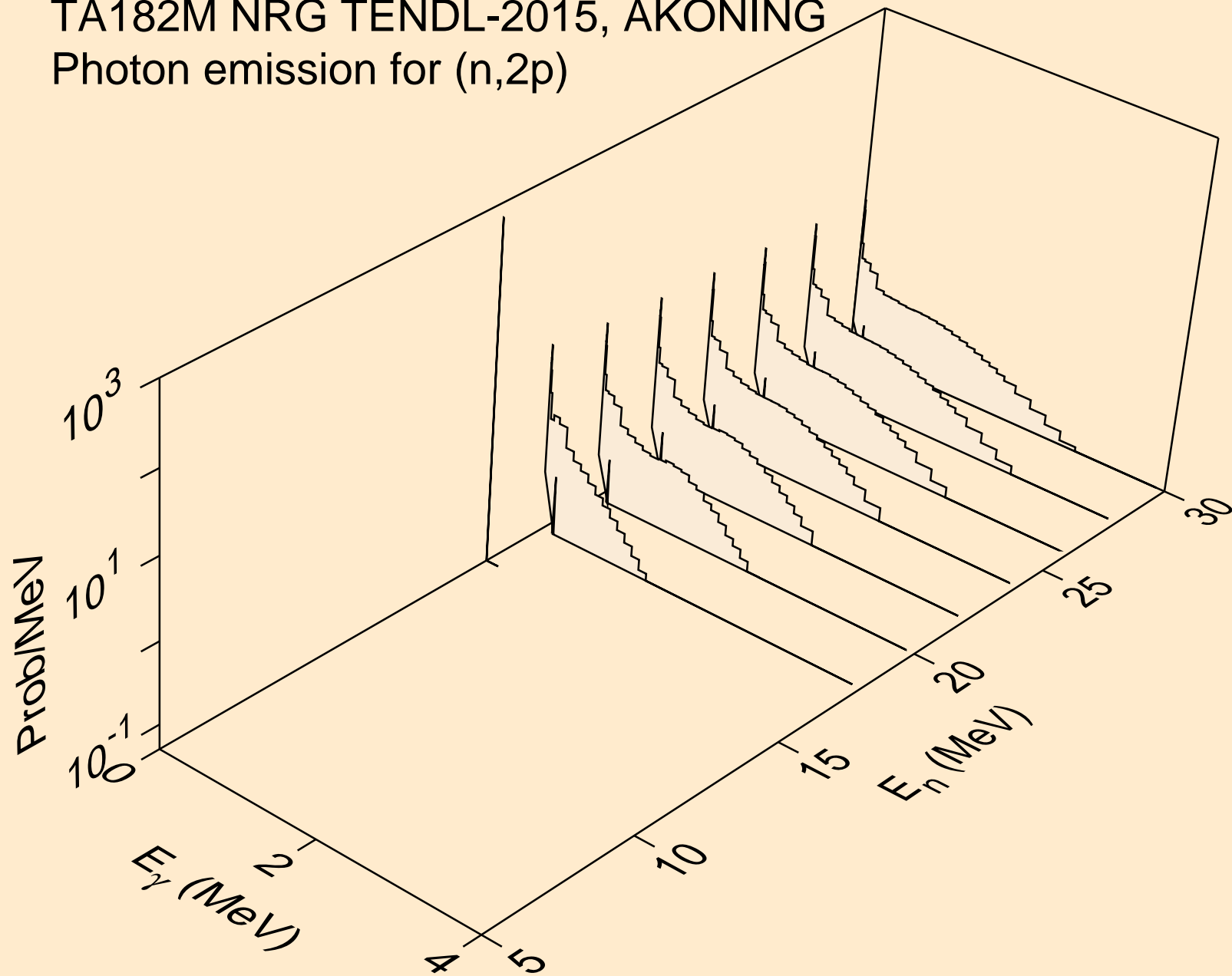
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Photon emission for (n,a)



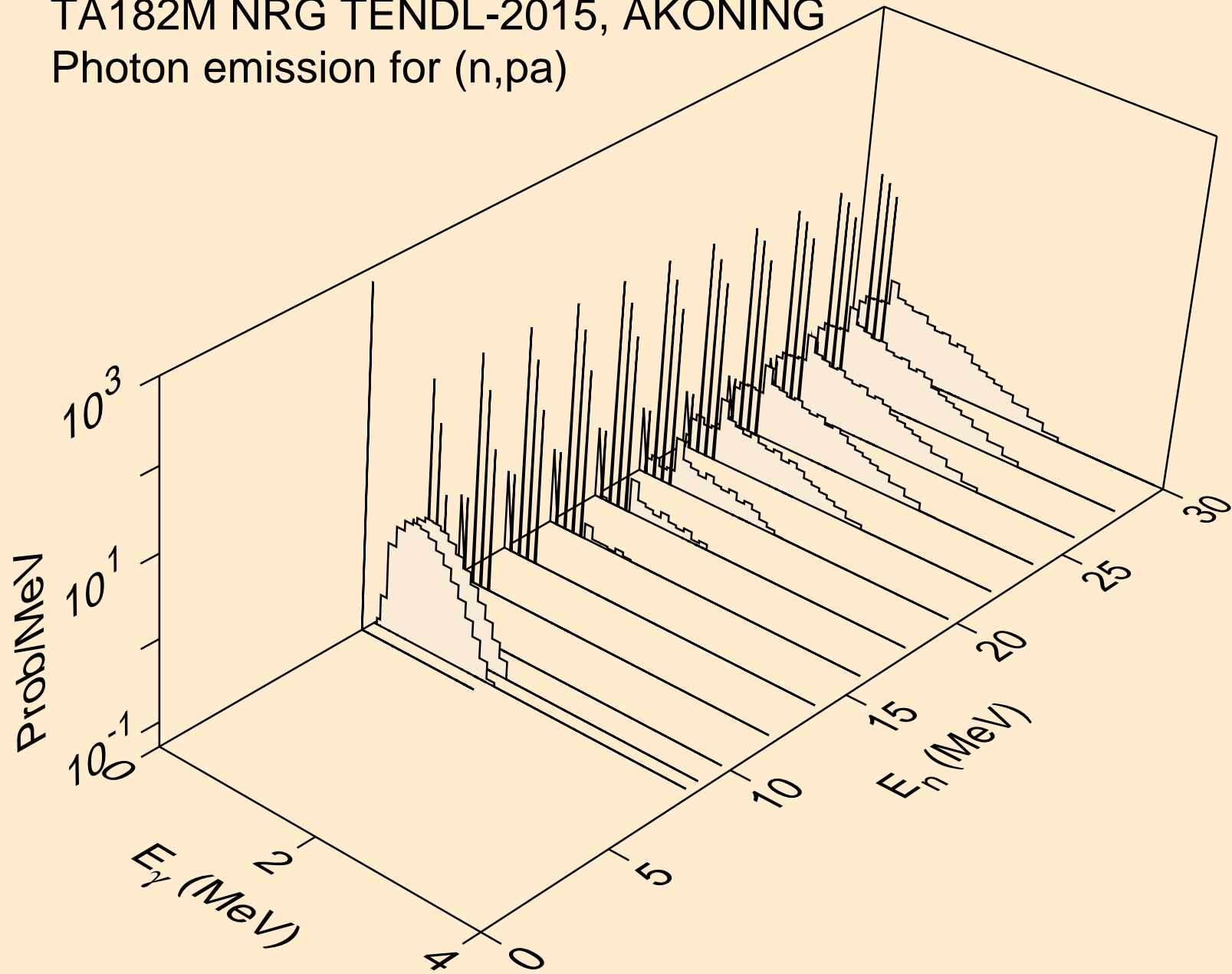
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Photon emission for (n,2a)



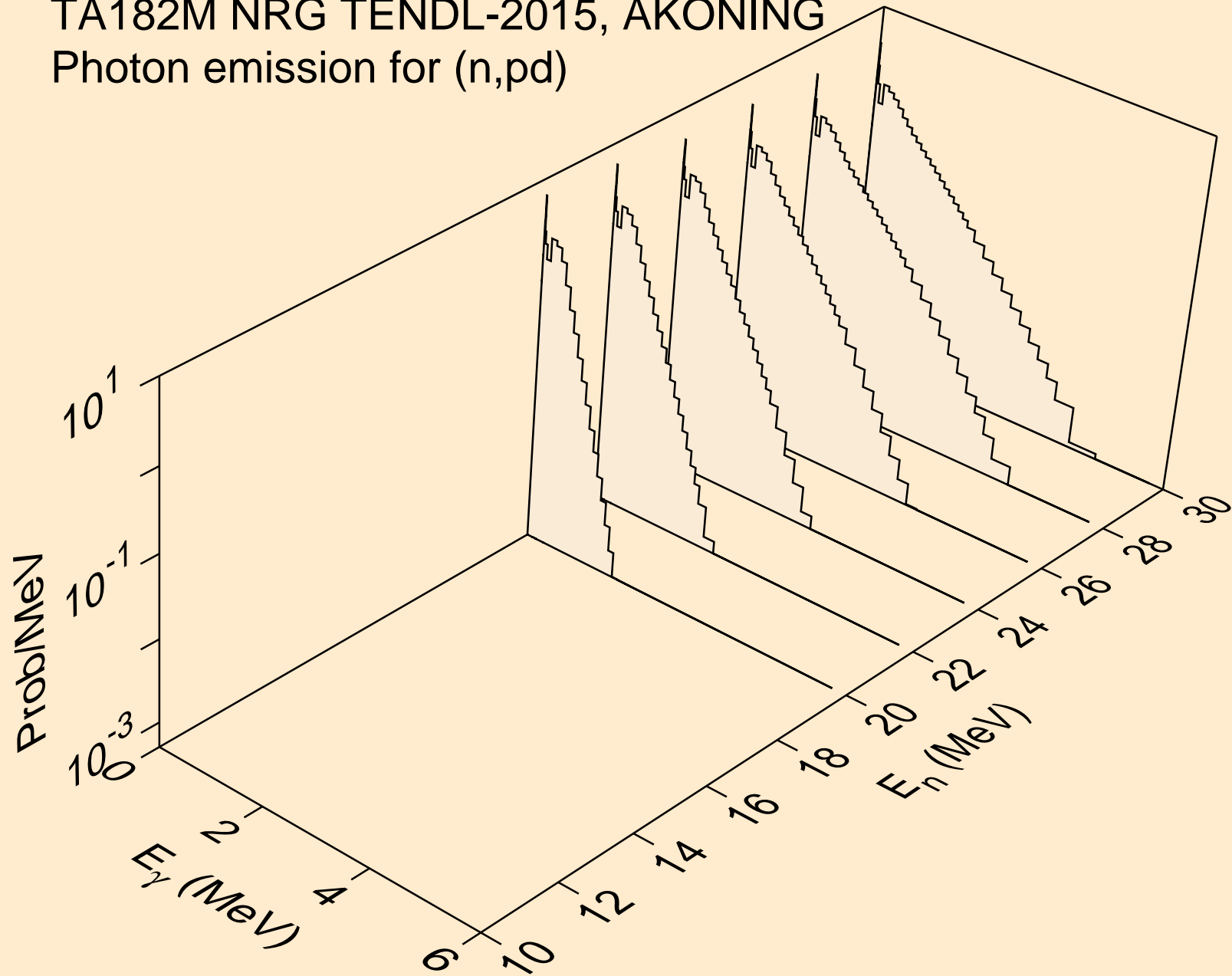
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Photon emission for (n,2p)



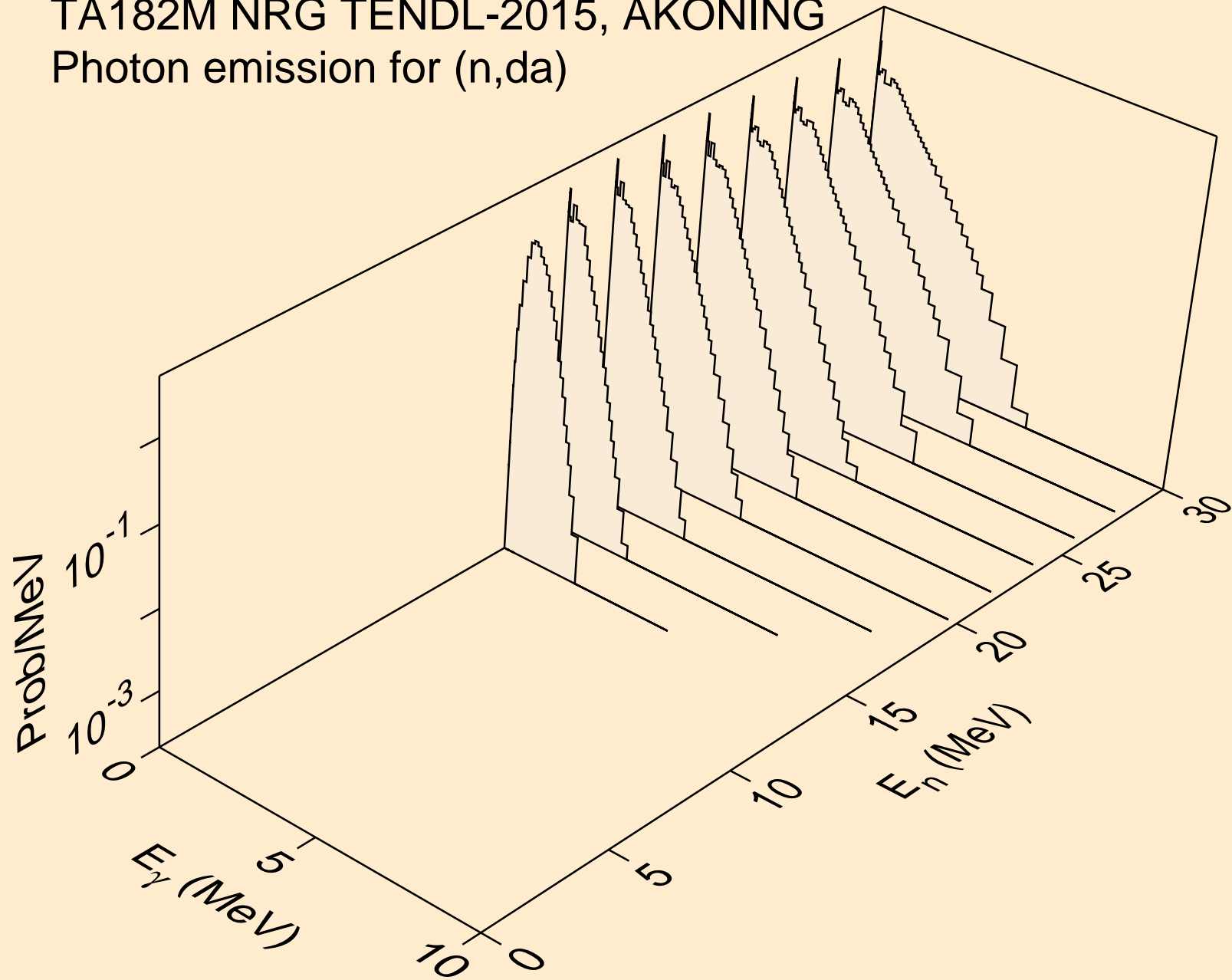
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Photon emission for (n,pa)



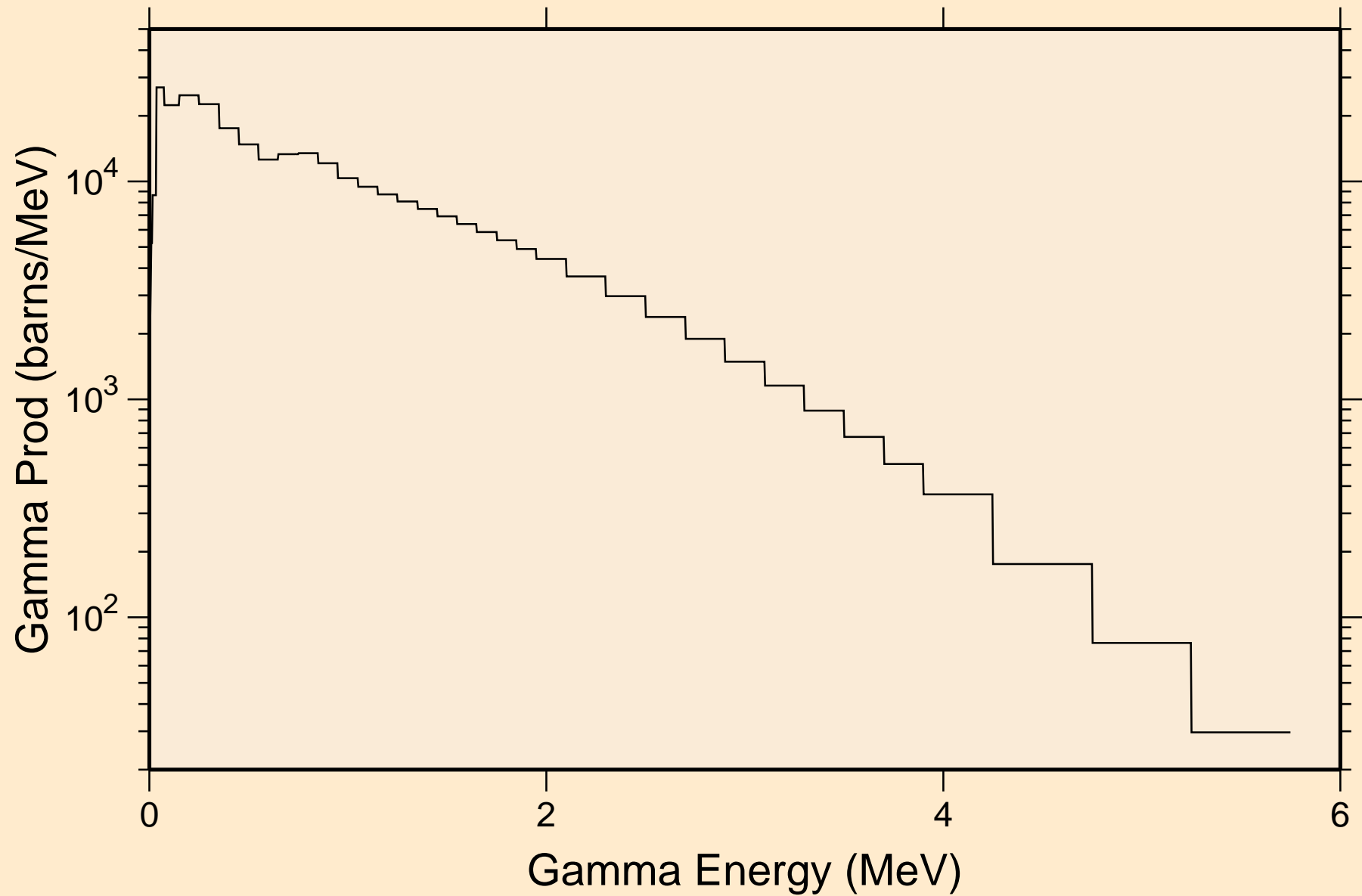
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Photon emission for (n,pd)



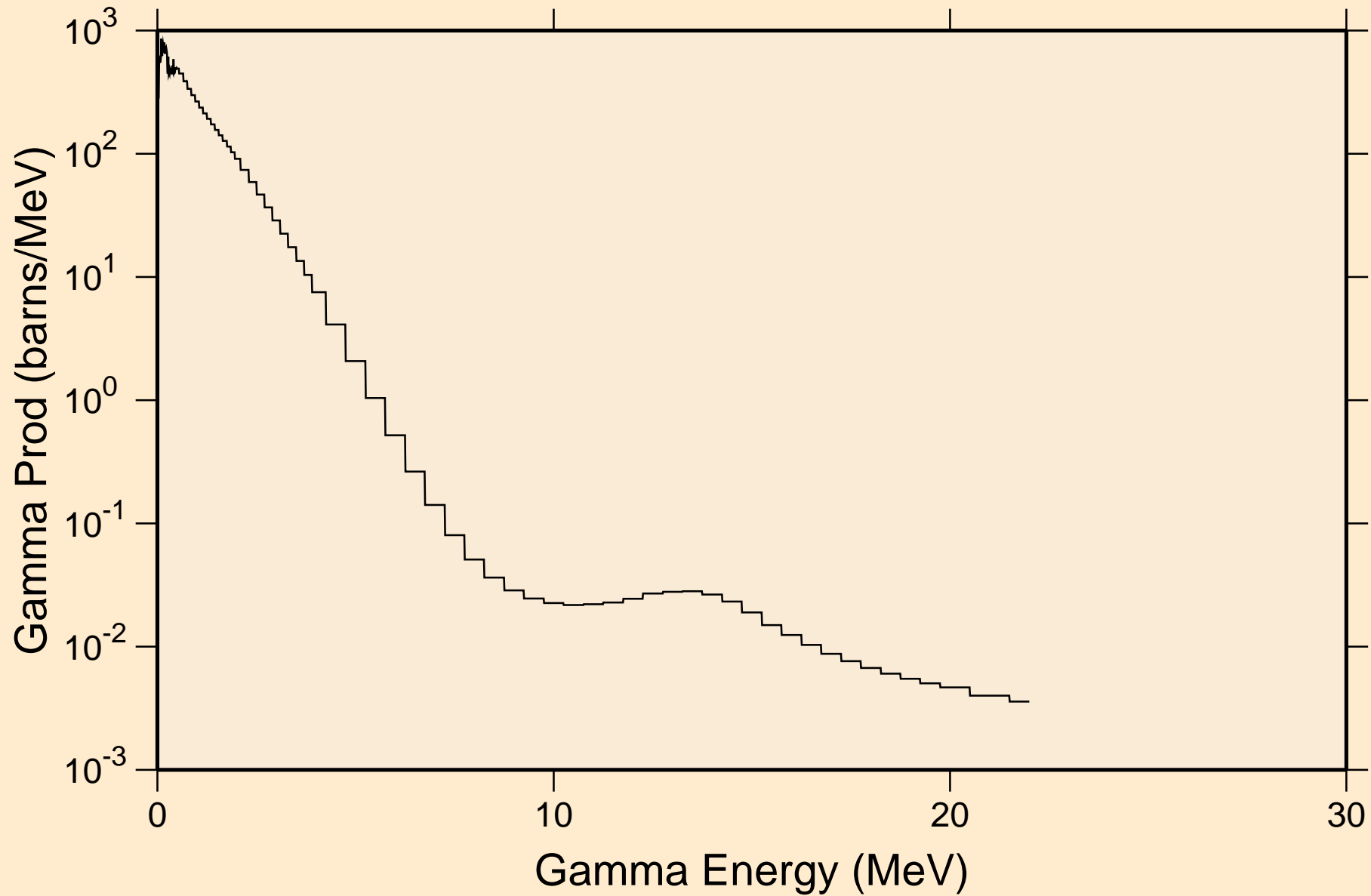
TA182M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TA182M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



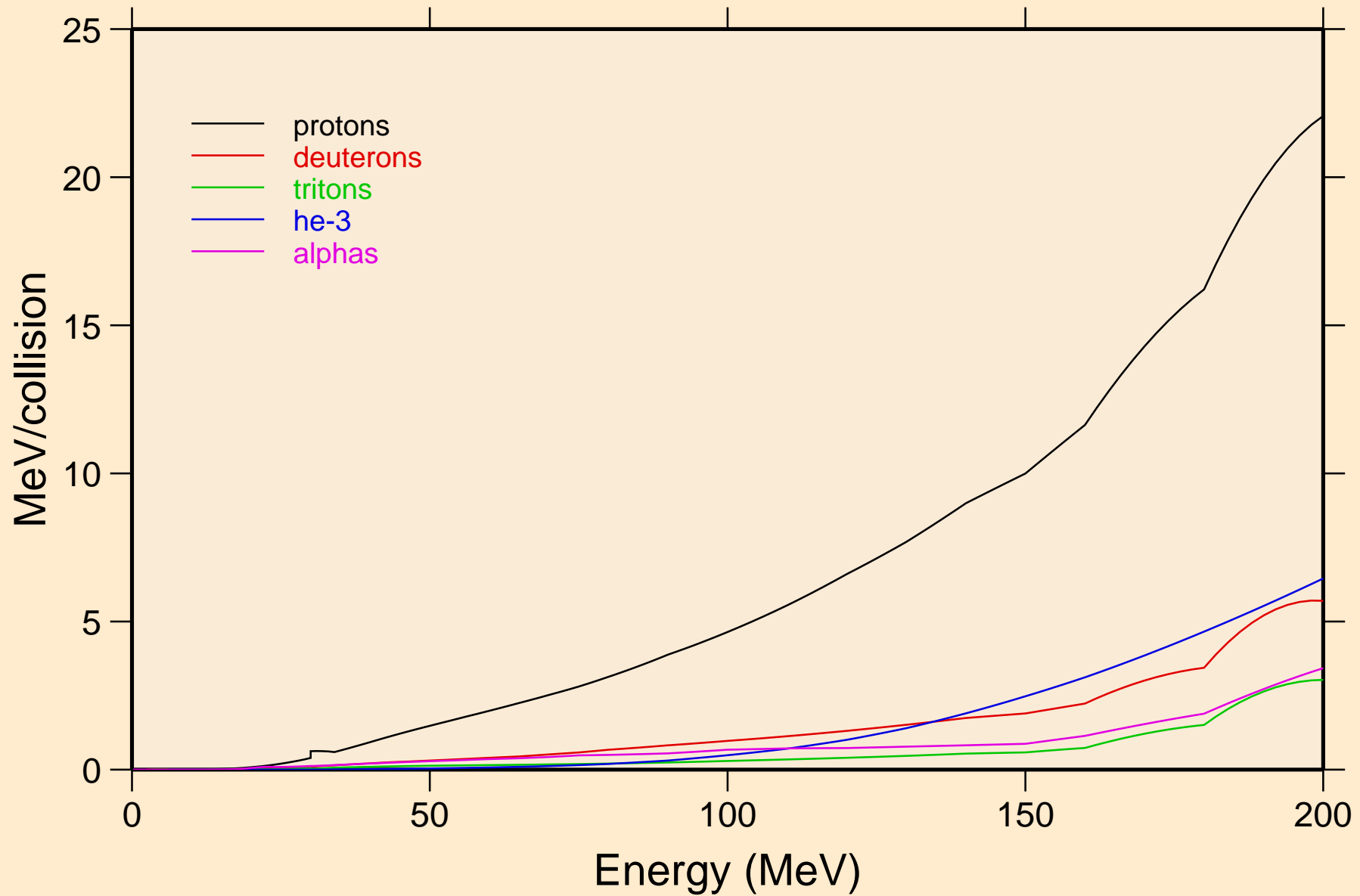
TA182M NRG TENDL-2015, AKONING  
14 MeV photon spectrum





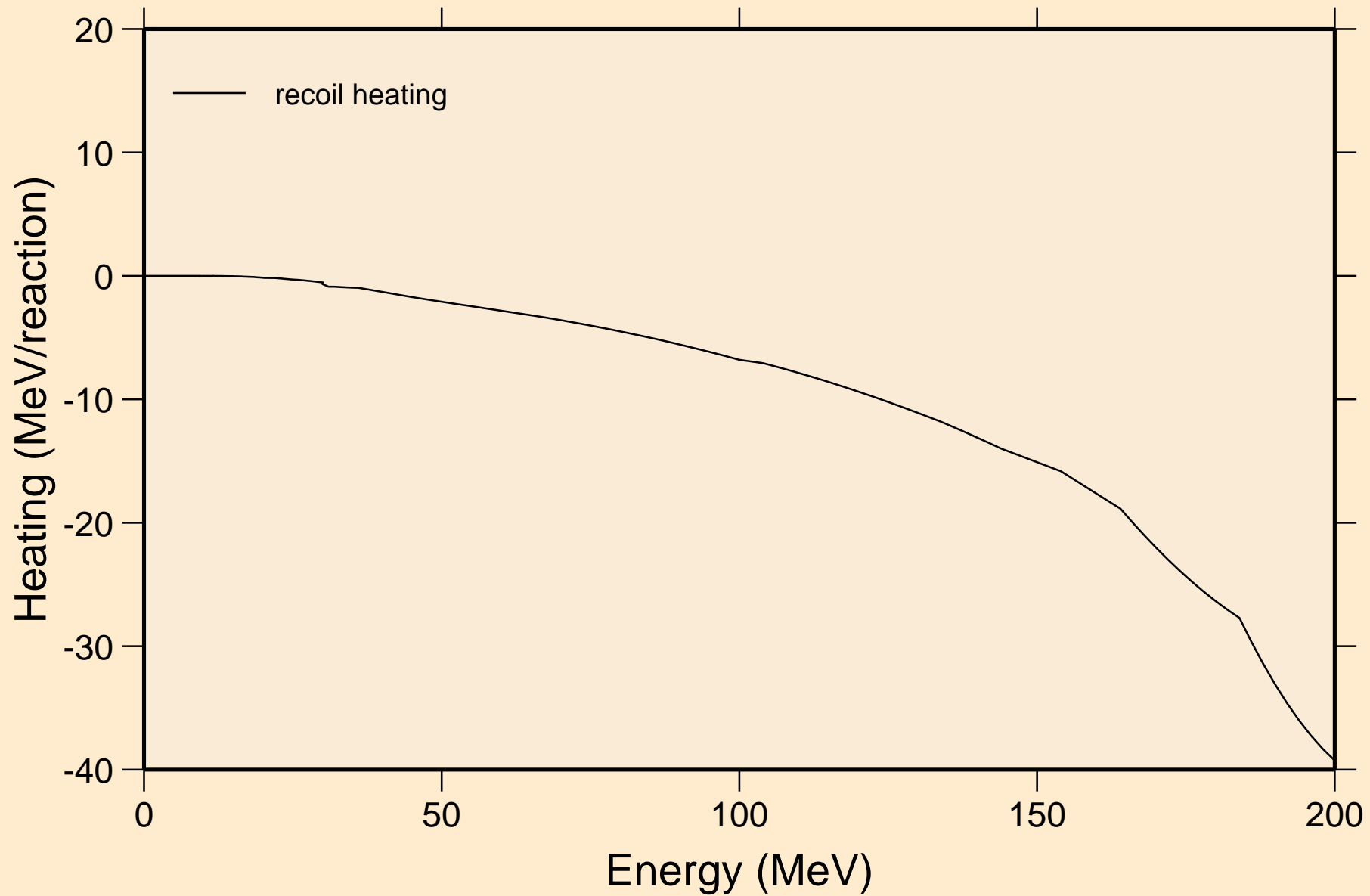
# TA182M NRG TENDL-2015, AKONING

## Particle heating contributions



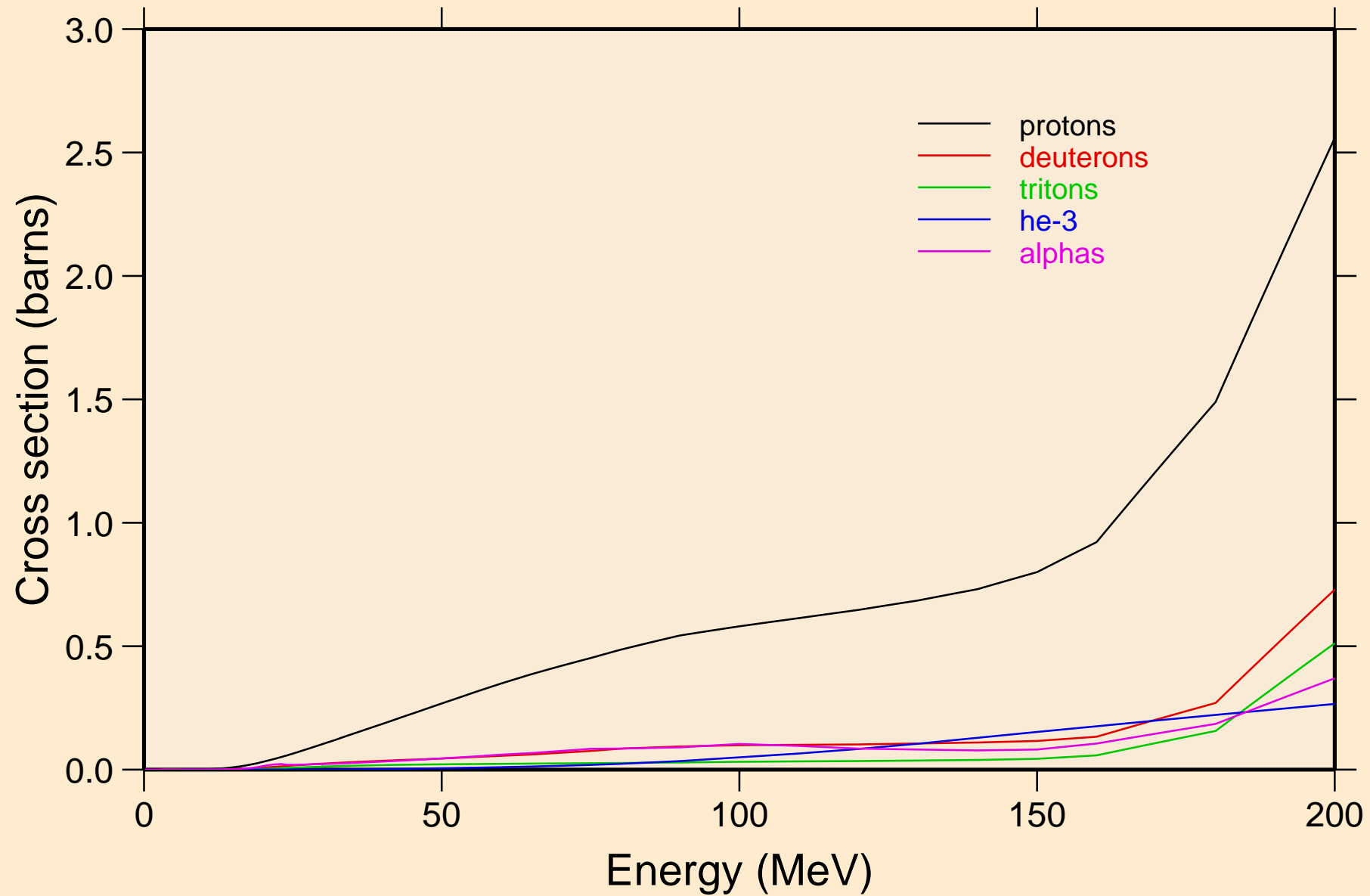
# TA182M NRG TENDL-2015, AKONING

## Recoil Heating

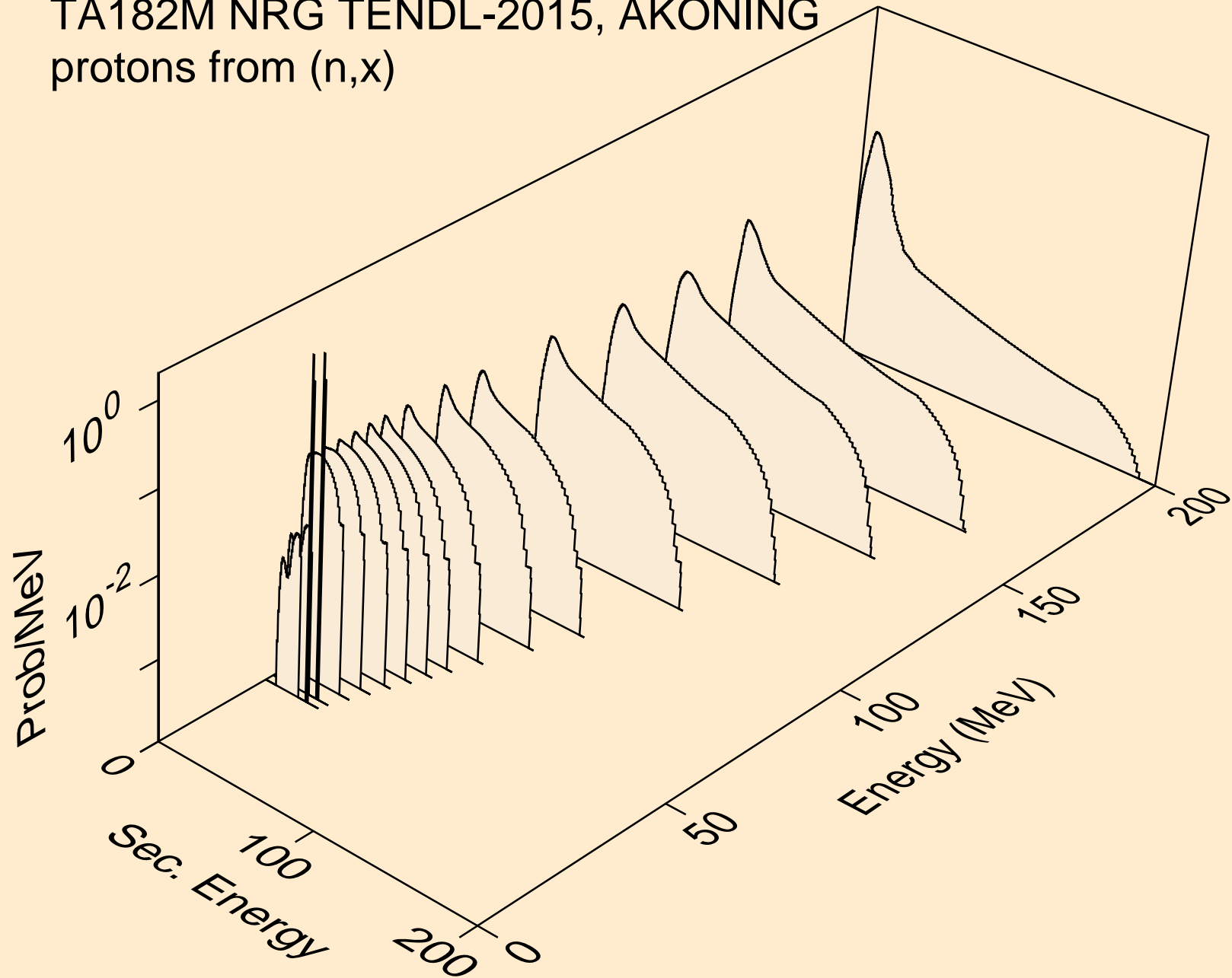


# TA182M NRG TENDL-2015, AKONING

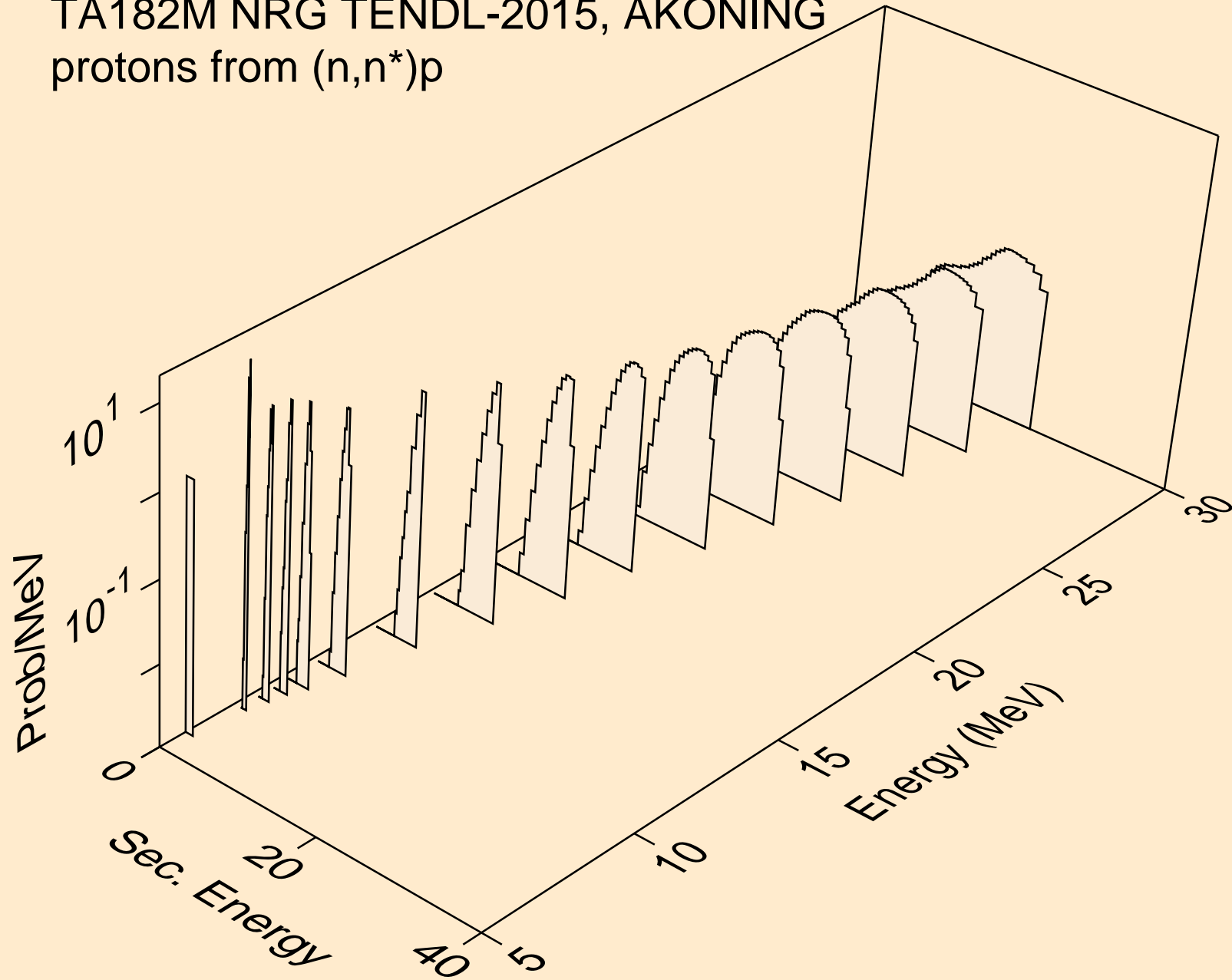
## Particle production cross sections



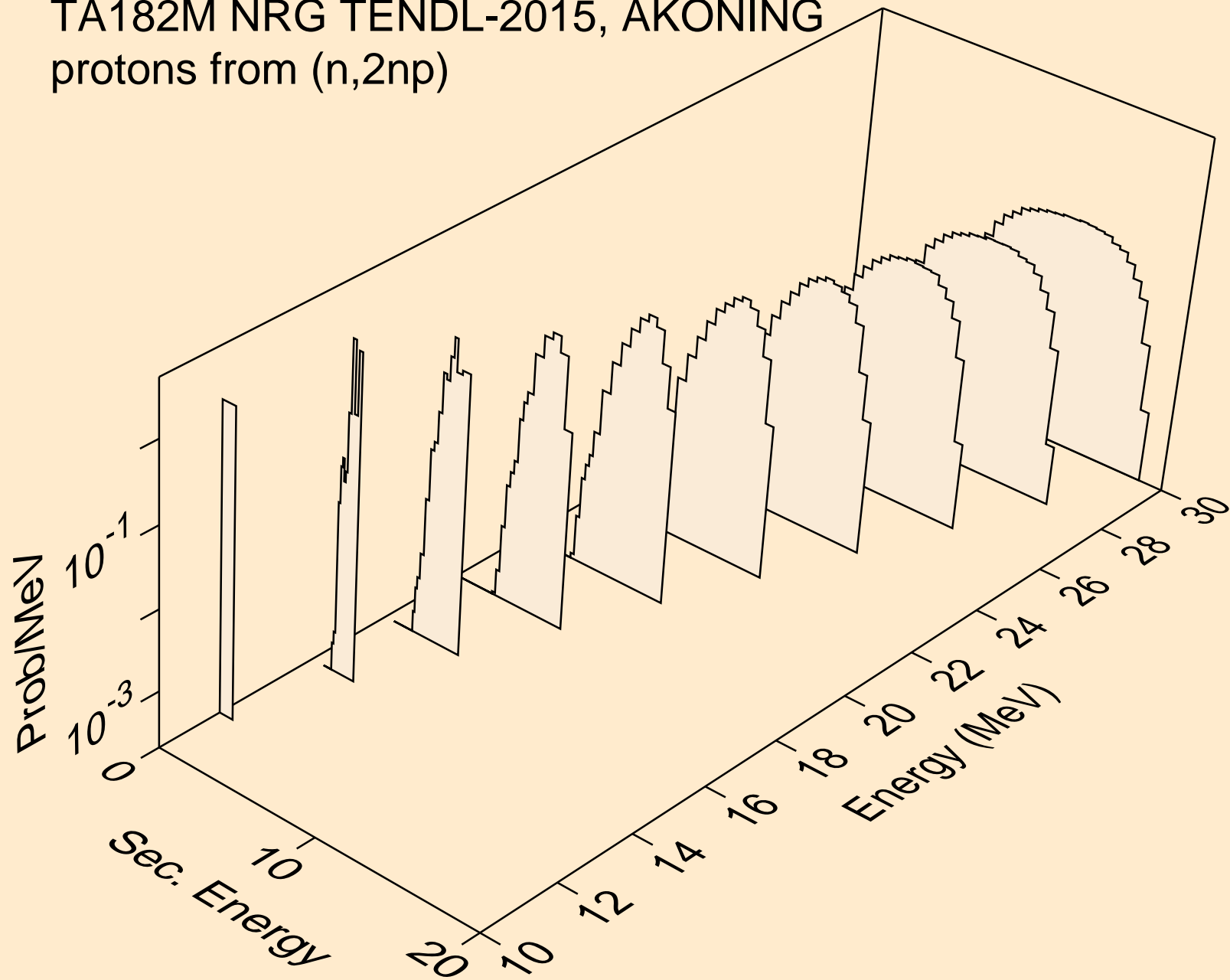
TA182M NRG TENDL-2015, AKONING  
protons from (n,x)



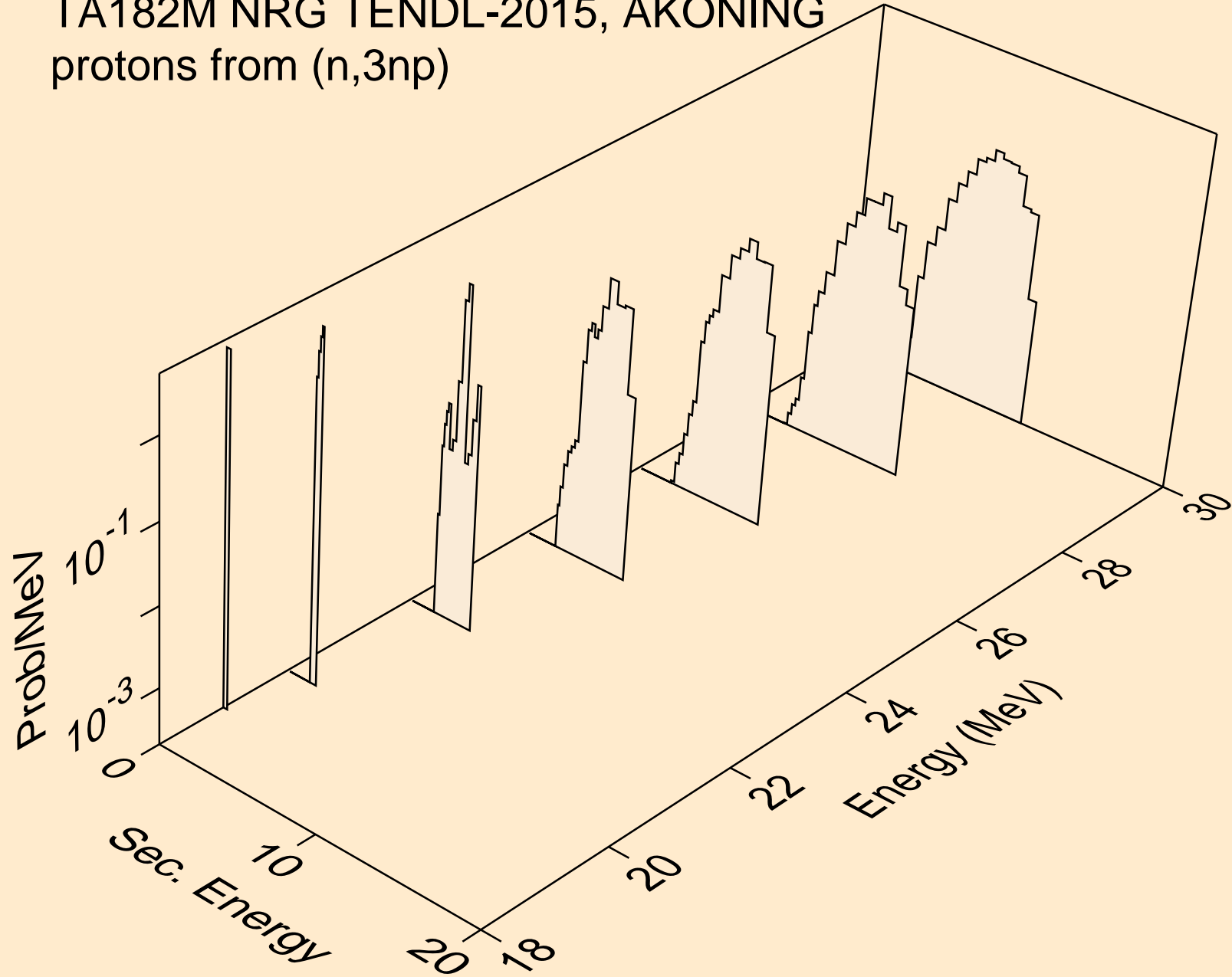
TA182M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



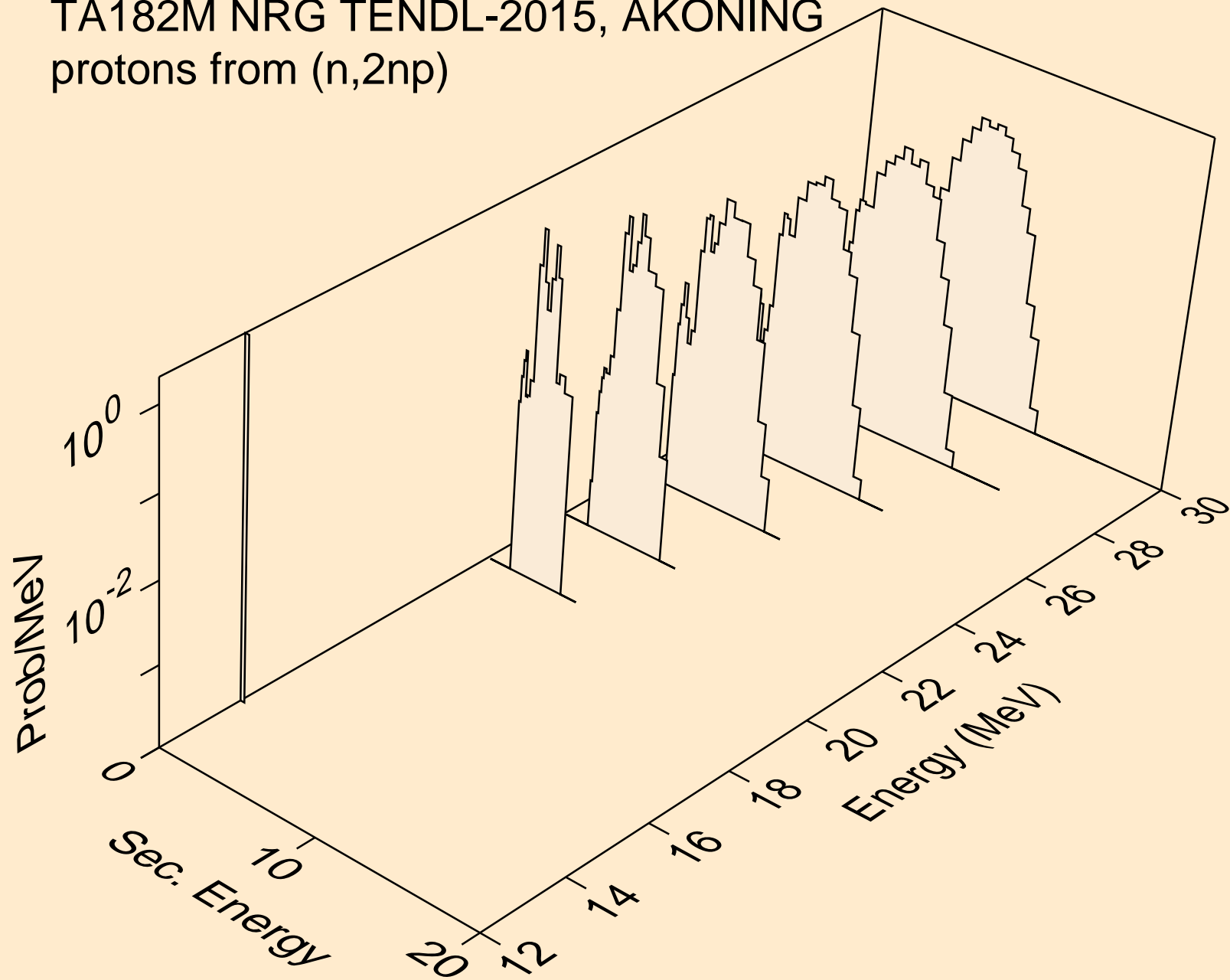
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protons from (n,2np)



TA182M NRG TENDL-2015, AKONING  
protons from (n,3np)

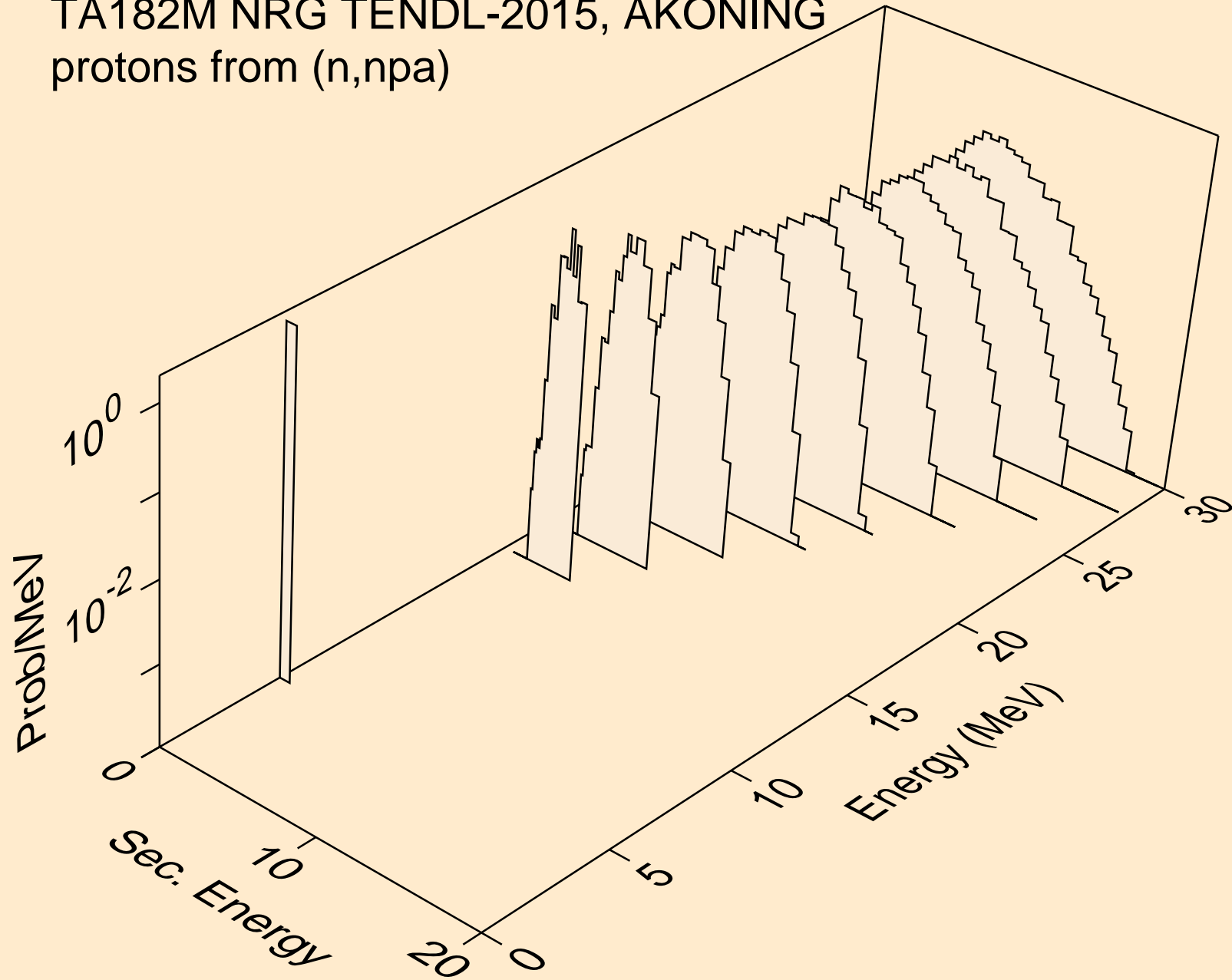


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protons from (n,2np)

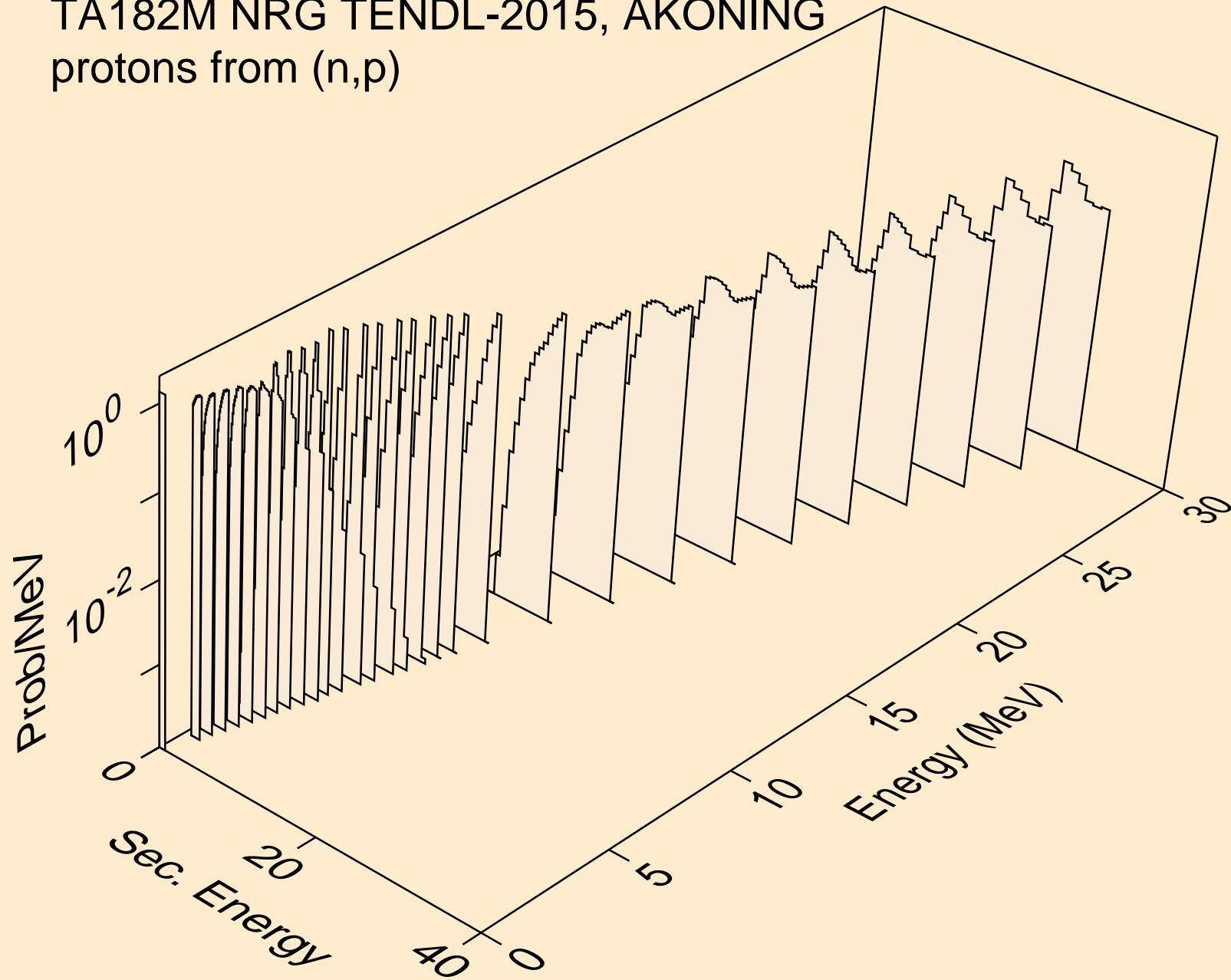




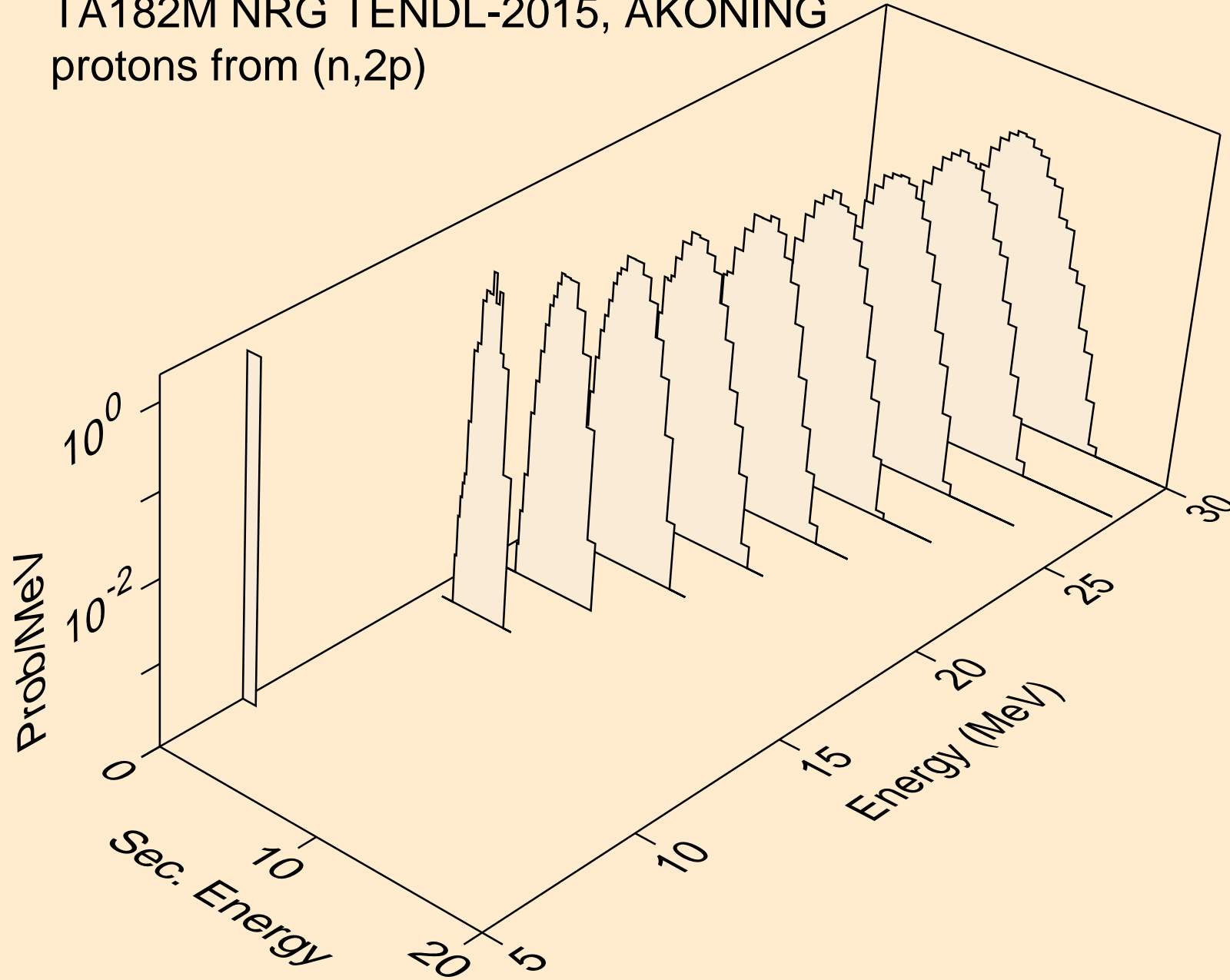
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protons from (n,npa)



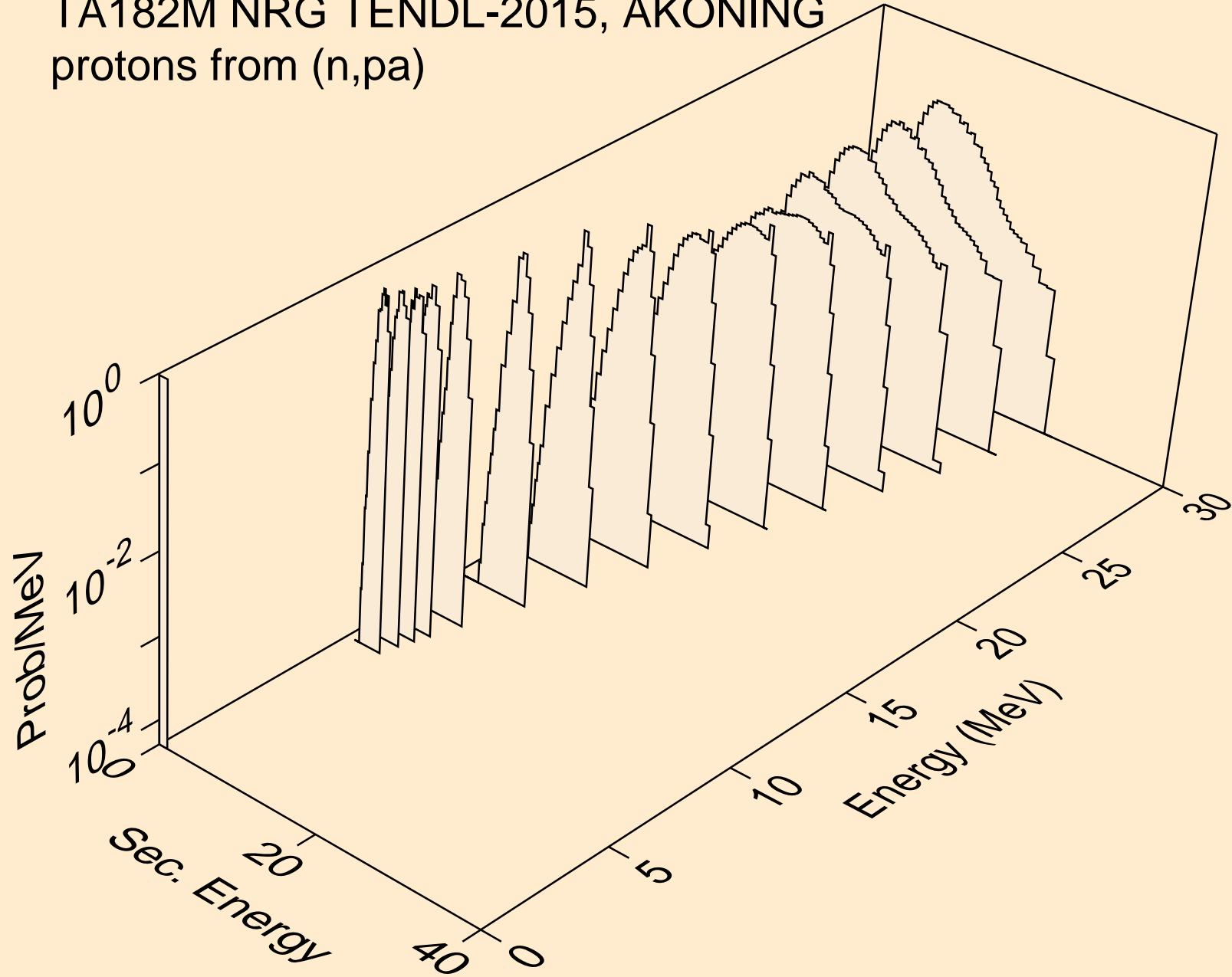
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protons from (n,p)



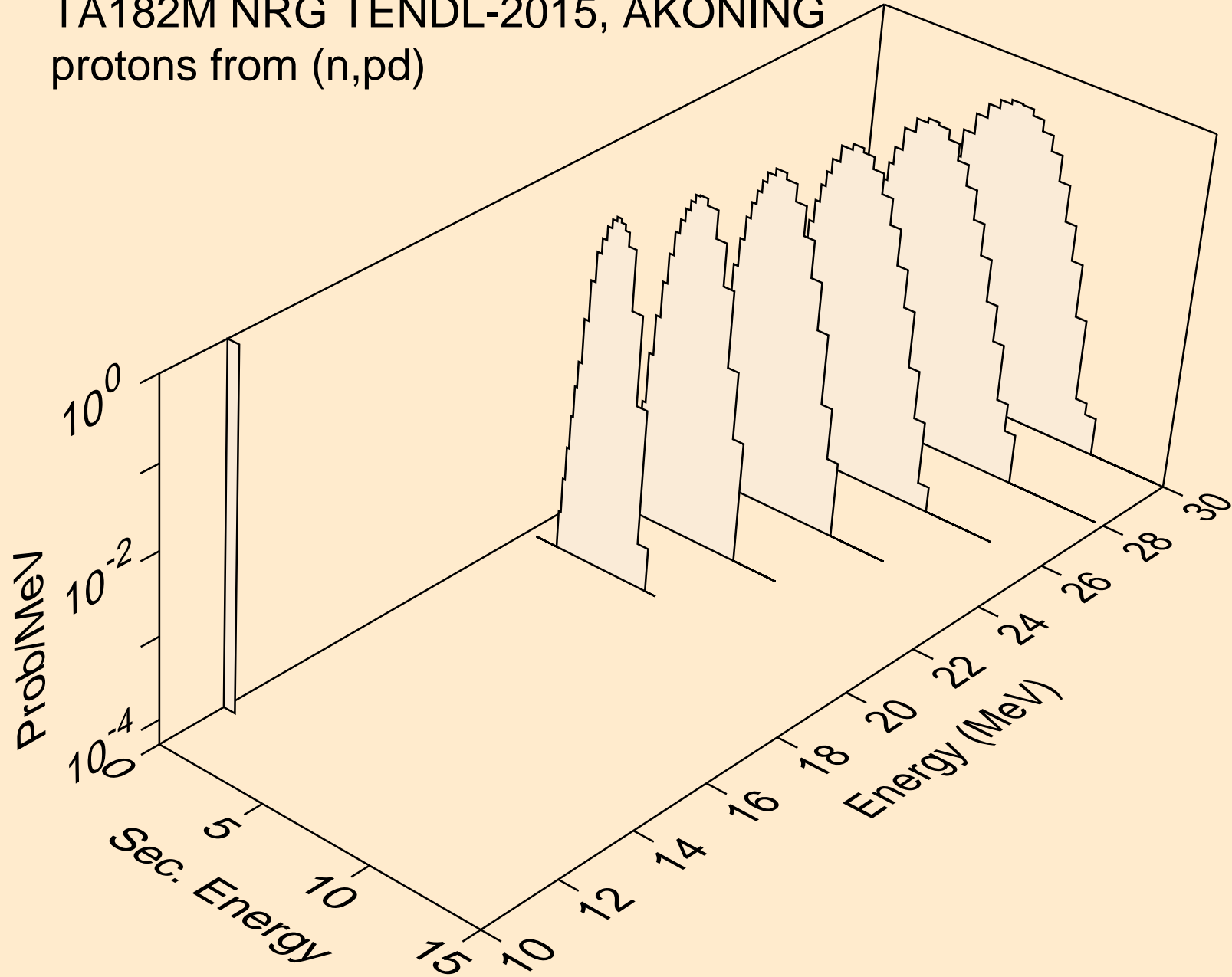
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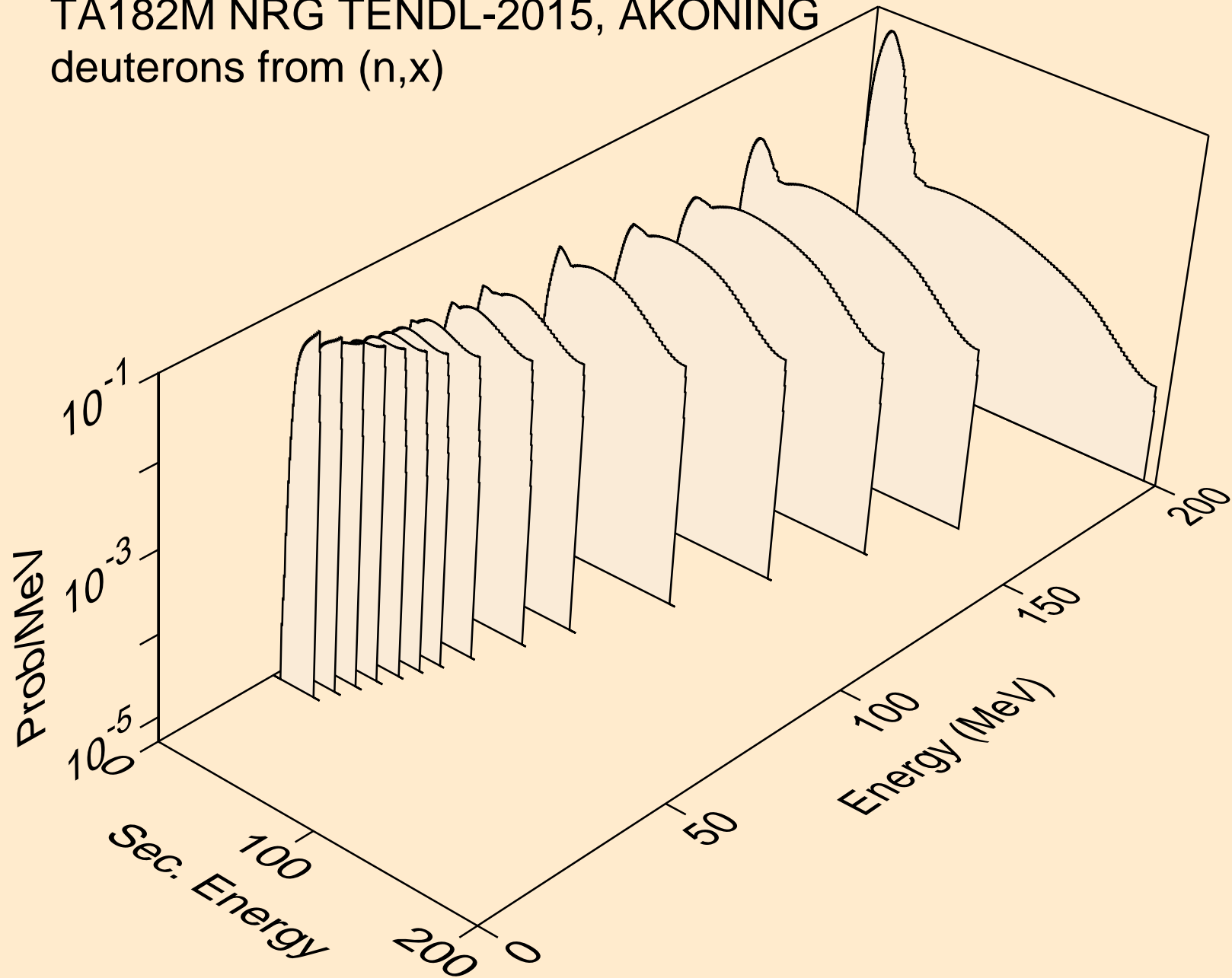
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protons from (n,pa)



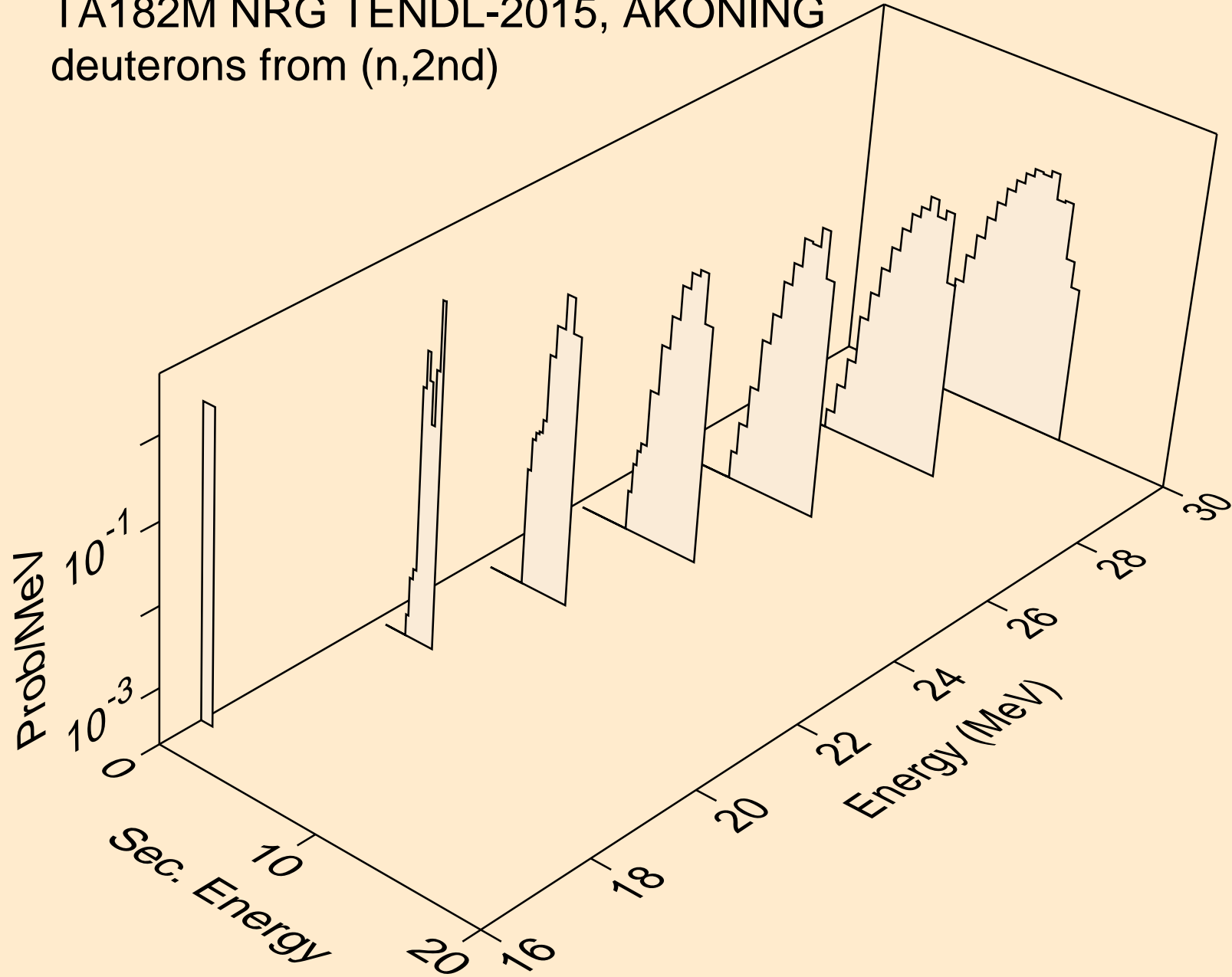
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protons from (n,pd)



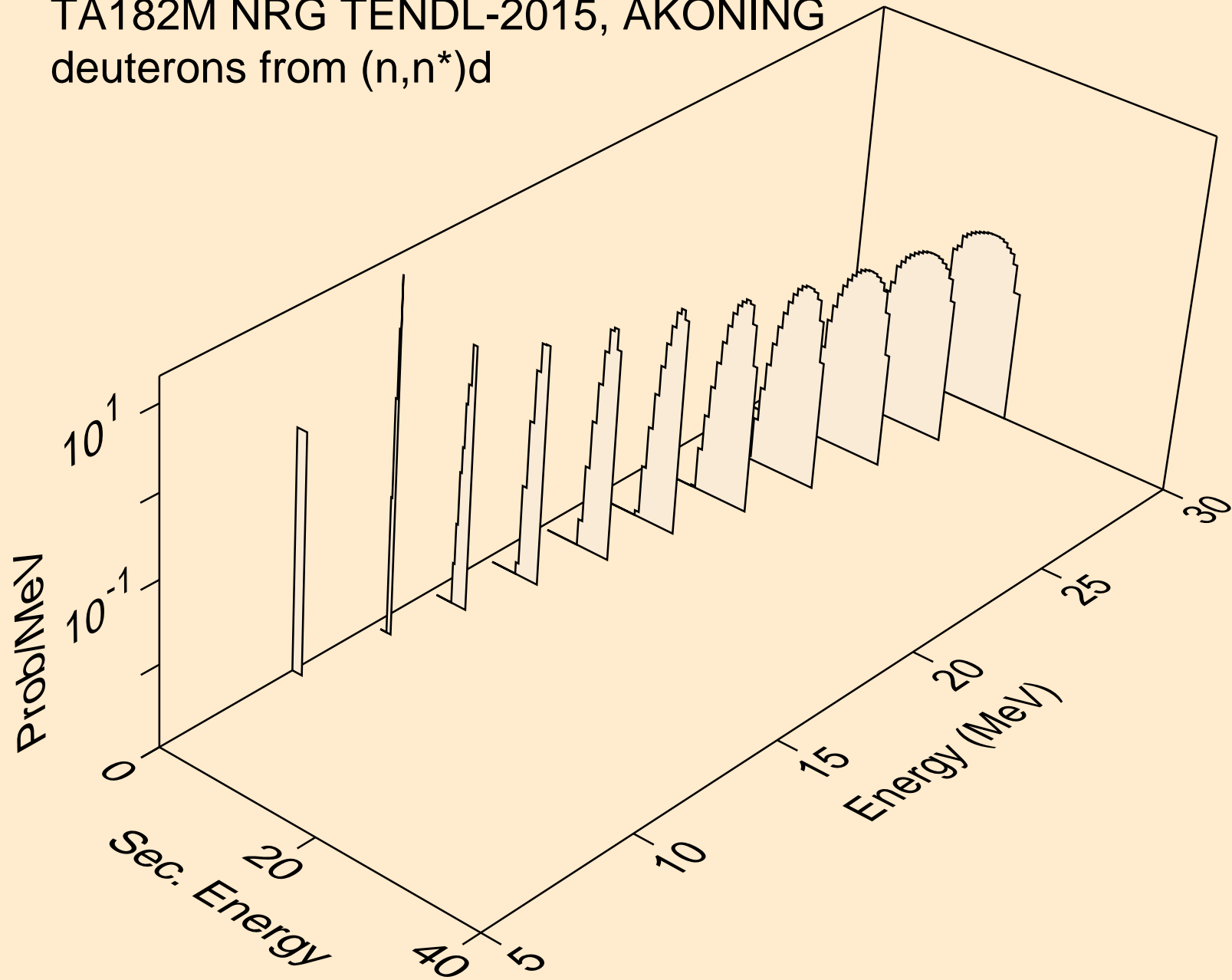
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deuterons from (n,x)



TA182M NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

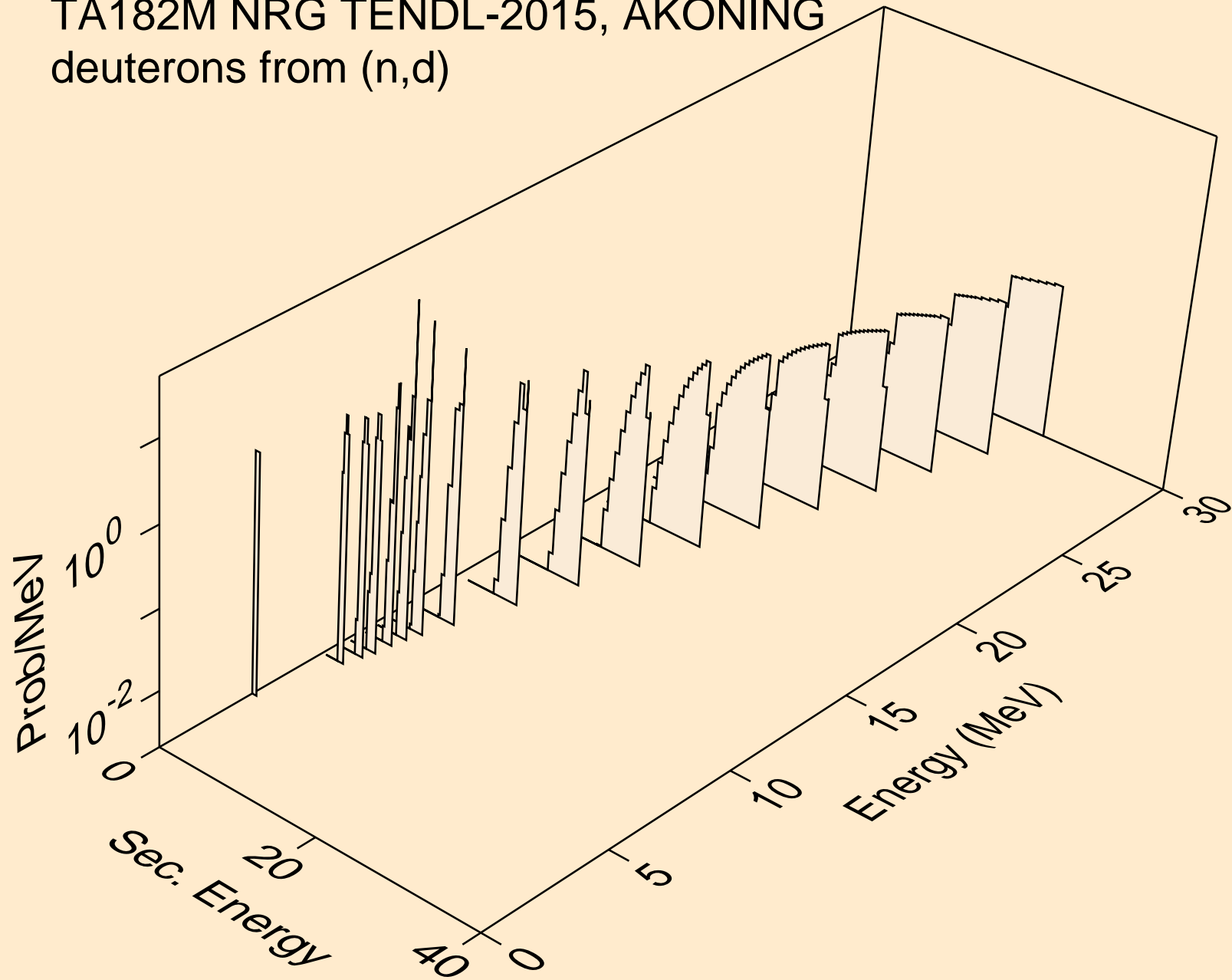


TA182M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

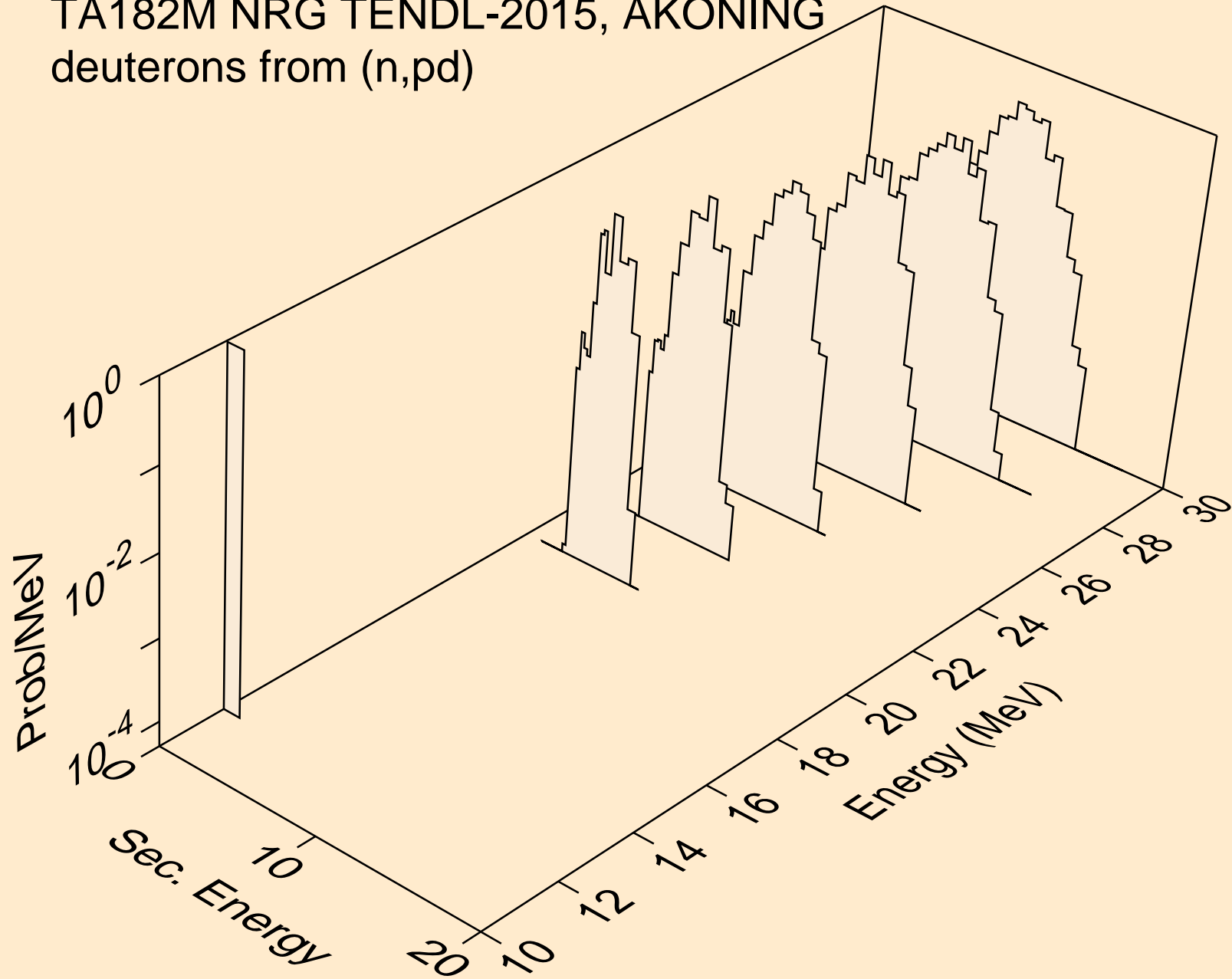




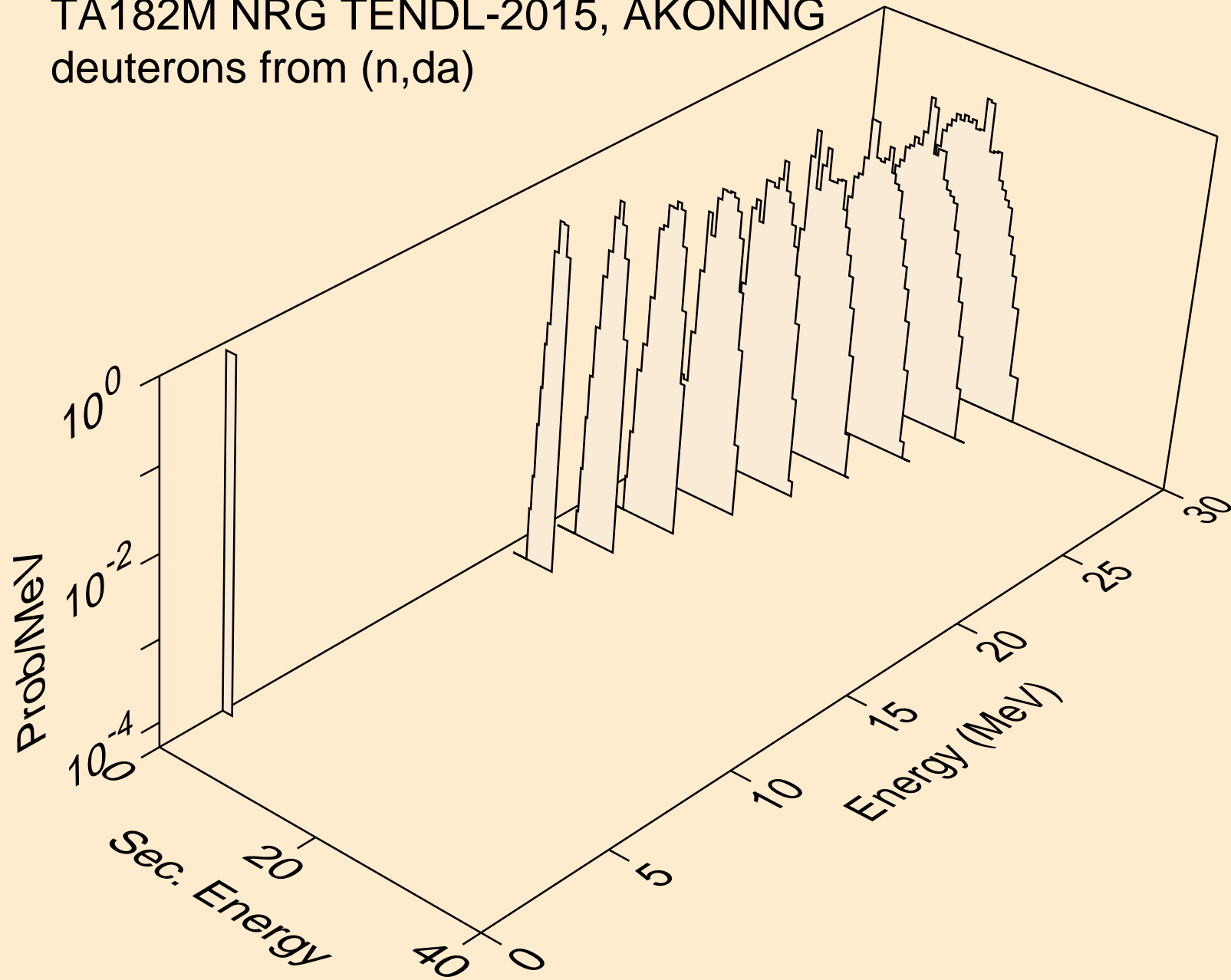
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deuterons from (n,d)



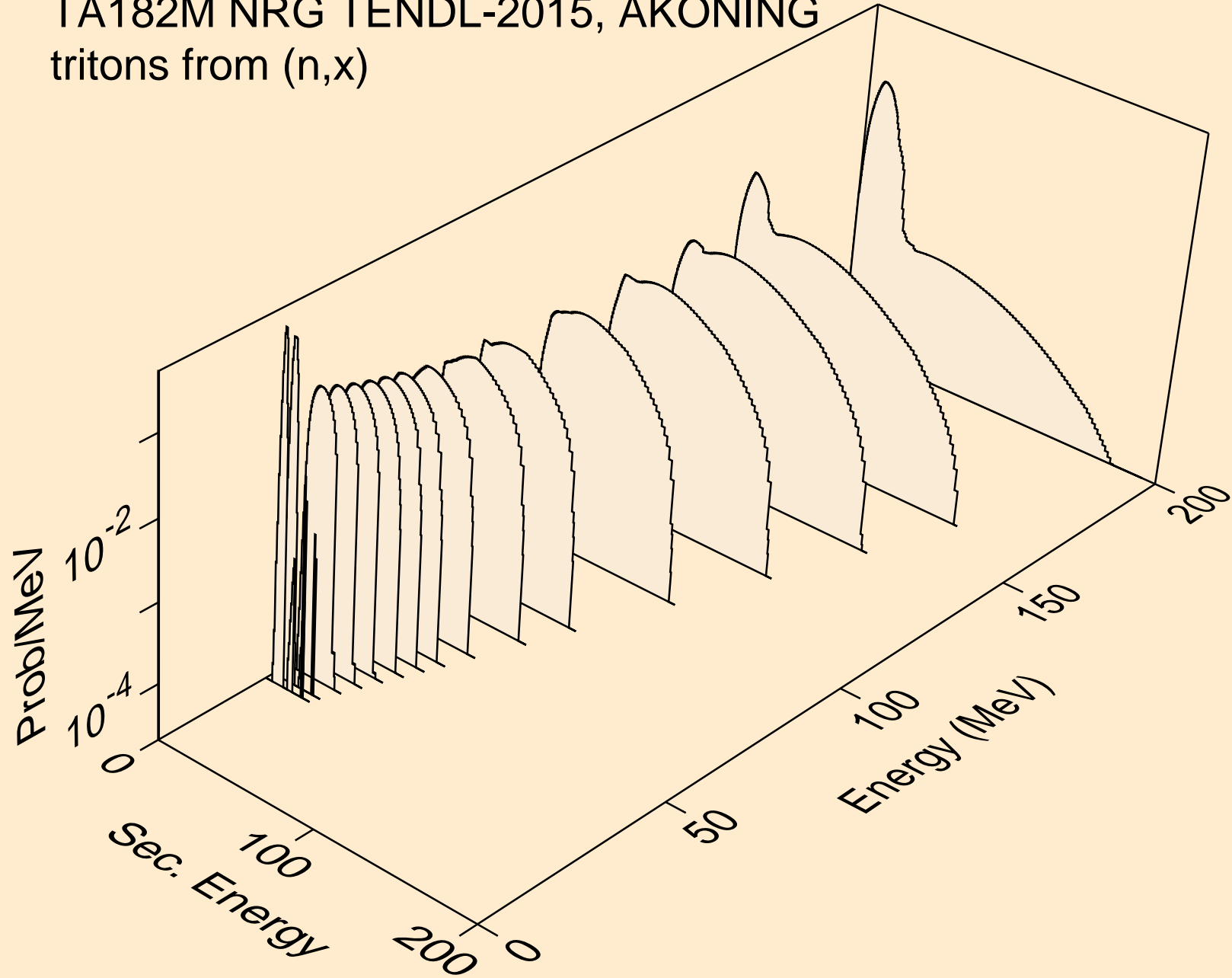
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deuterons from (n,pd)



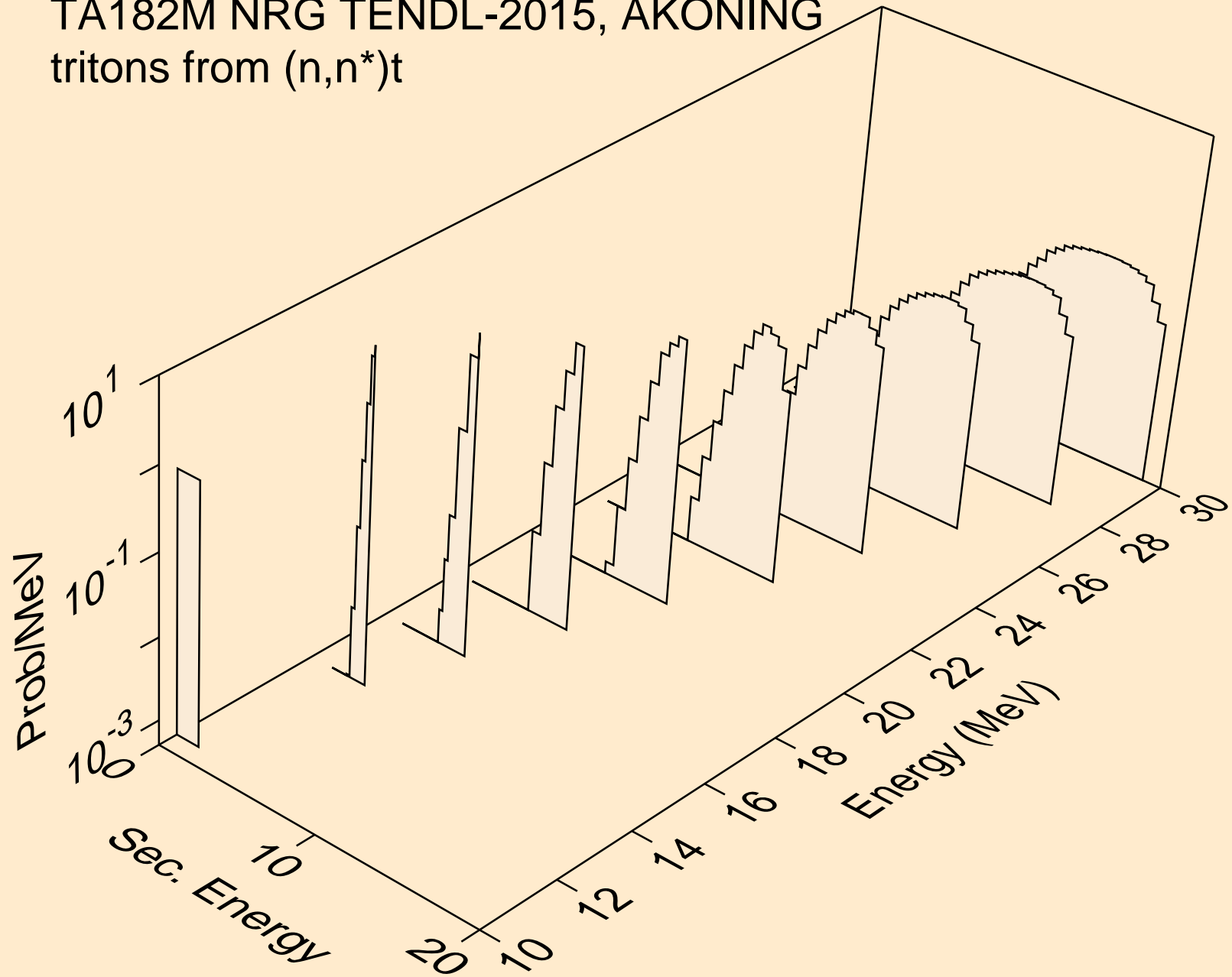
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deuterons from (n,da)



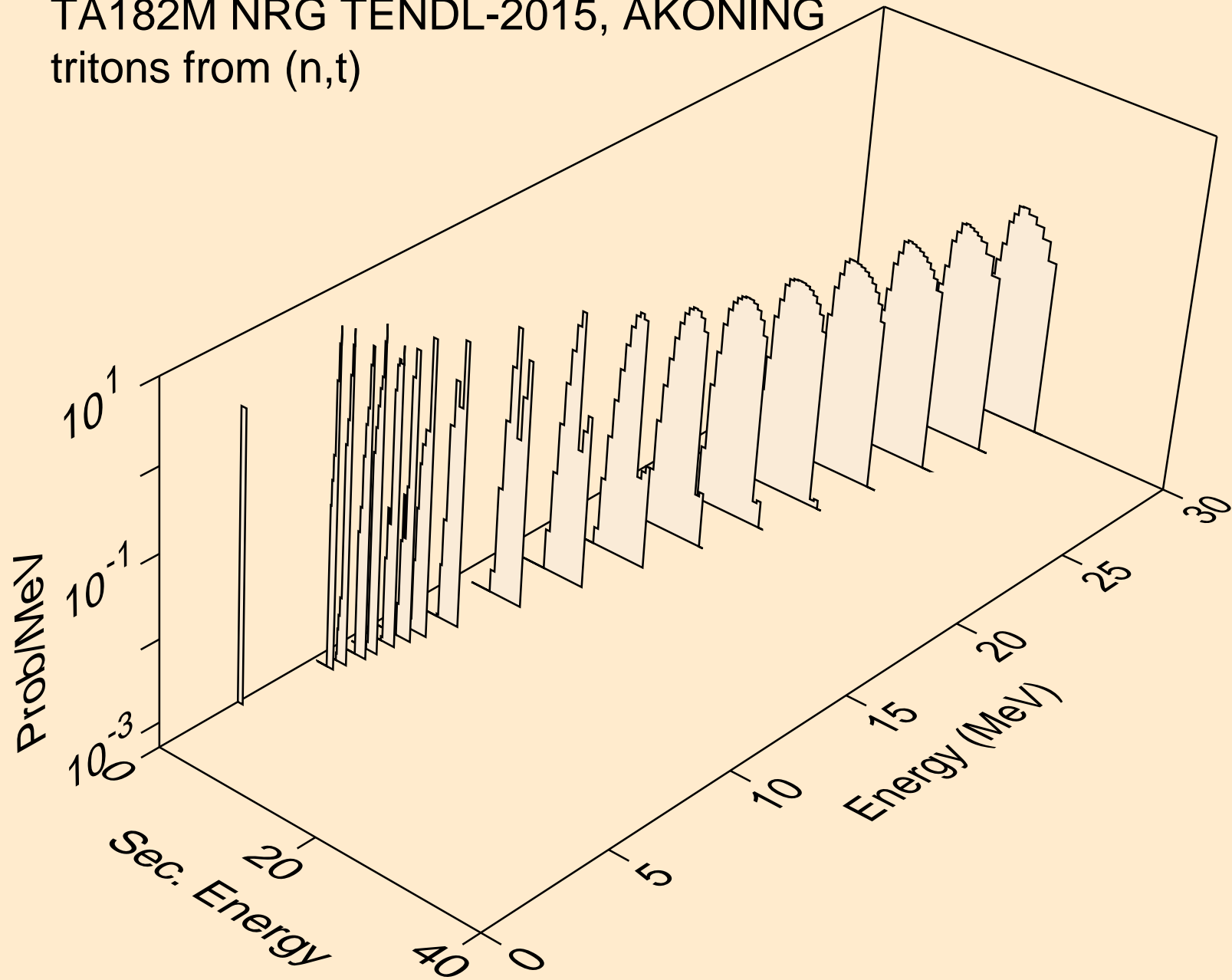
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tritons from (n,x)



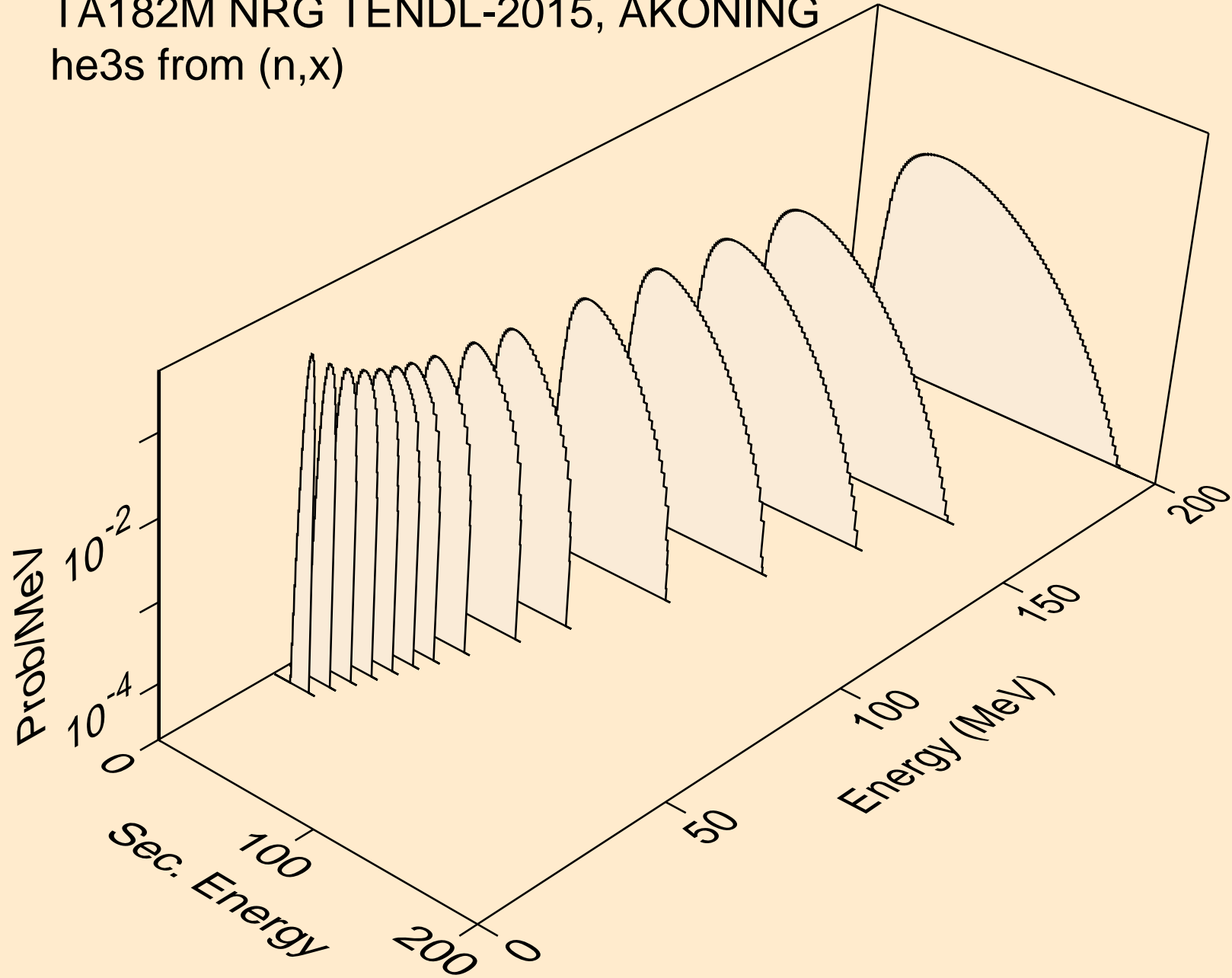
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tritons from (n,n\*)t



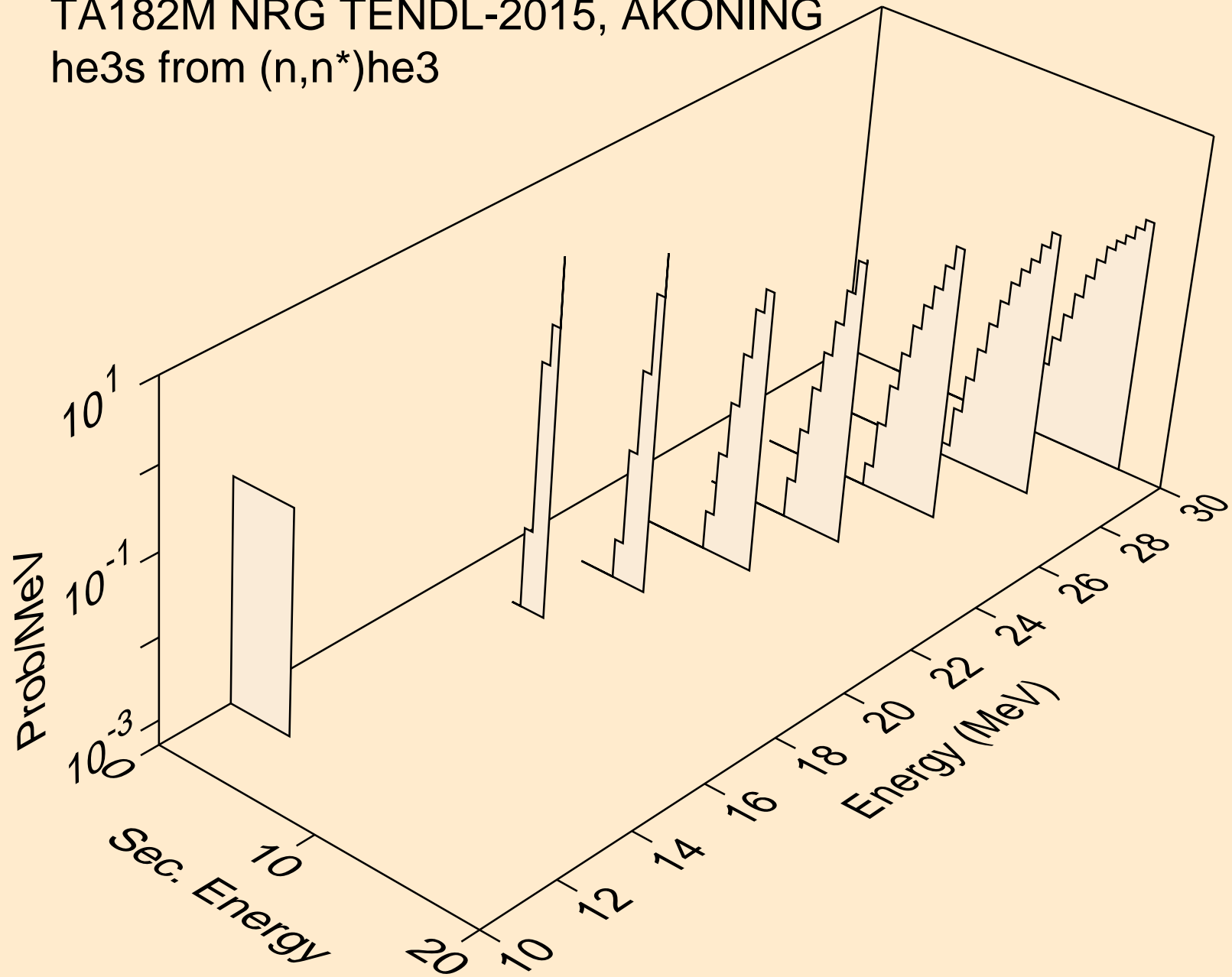
TA182M NRG TENDL-2015, AKONING  
tritons from (n,t)



TA182M NRG TENDL-2015, AKONING  
he3s from (n,x)

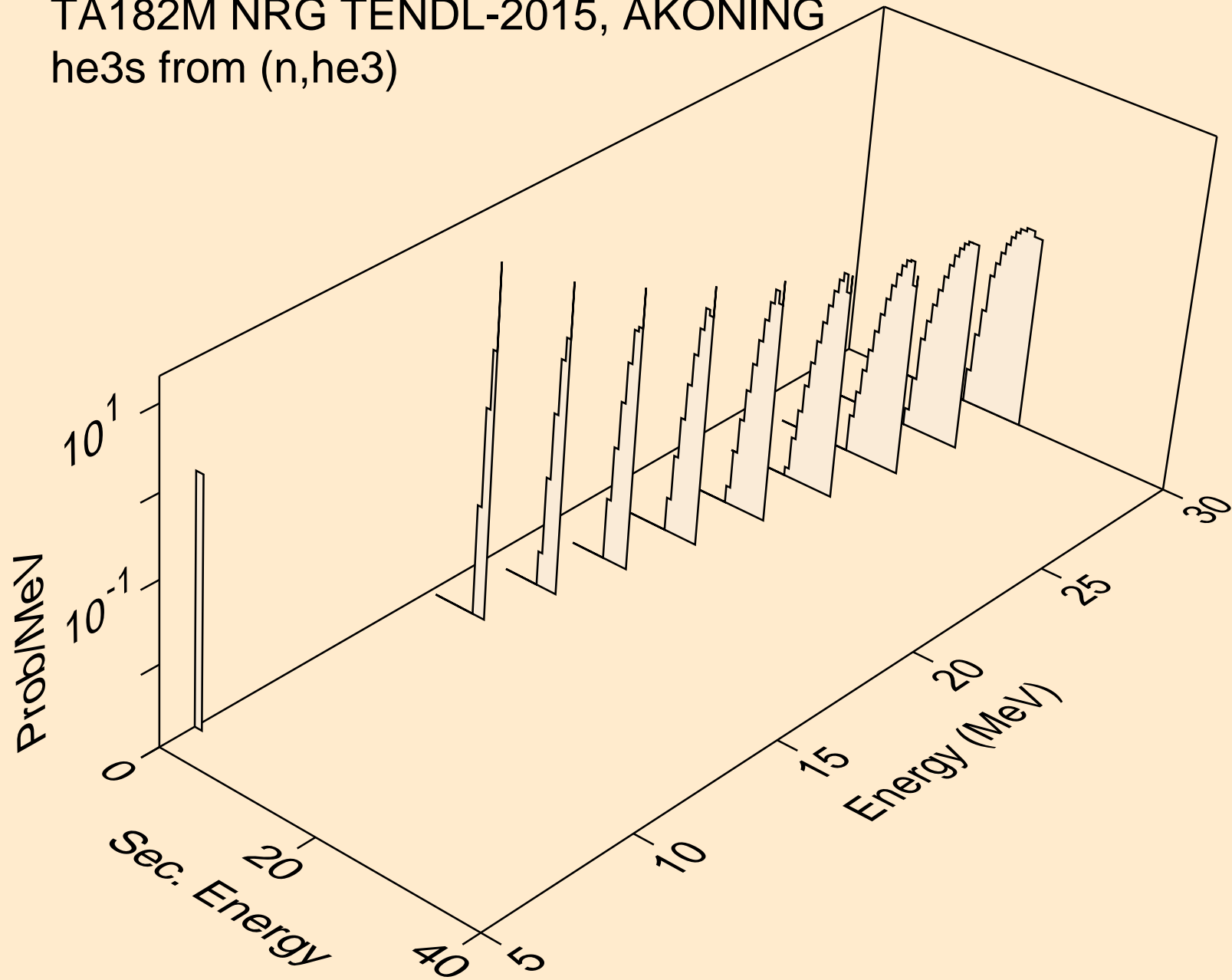


TA182M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

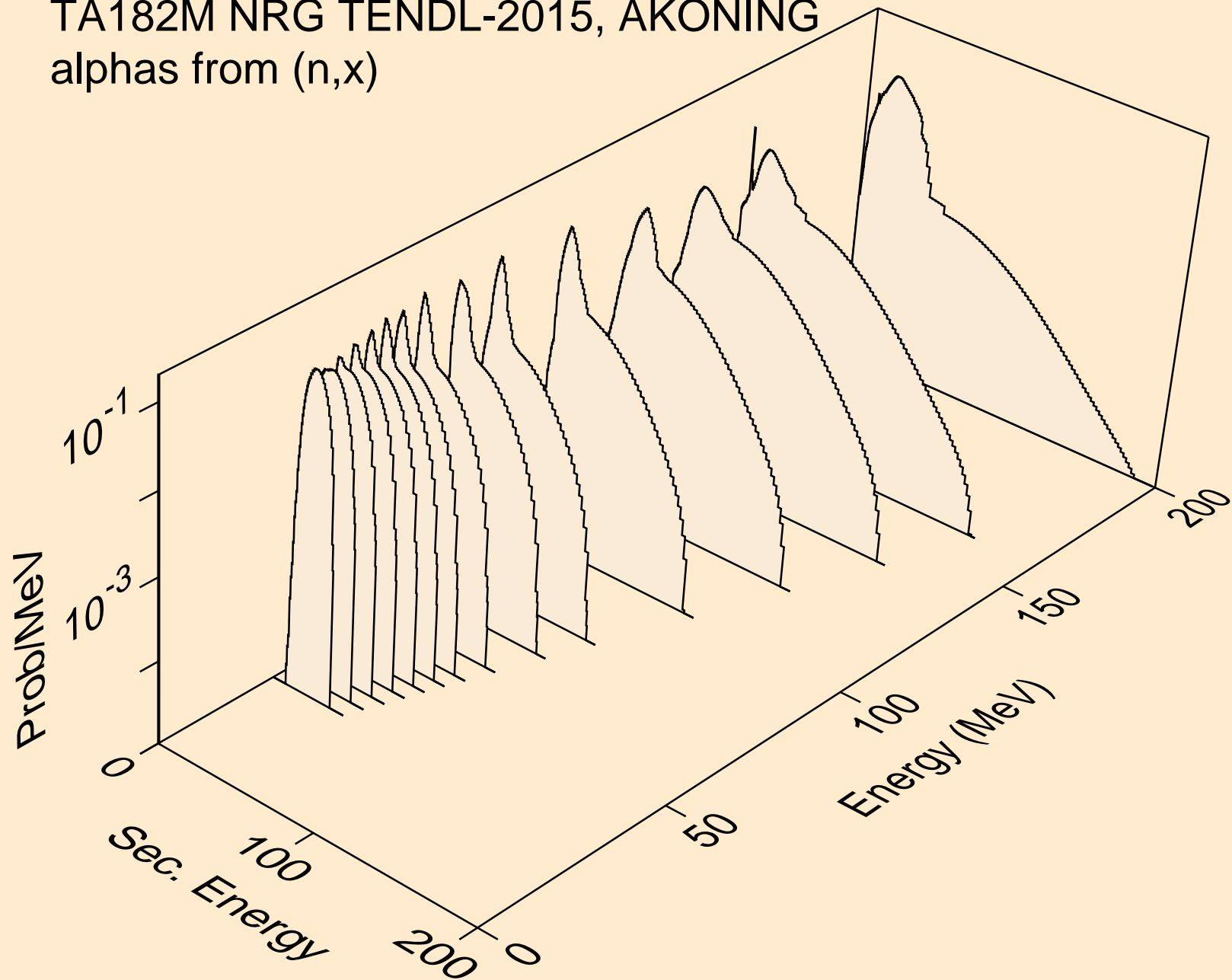




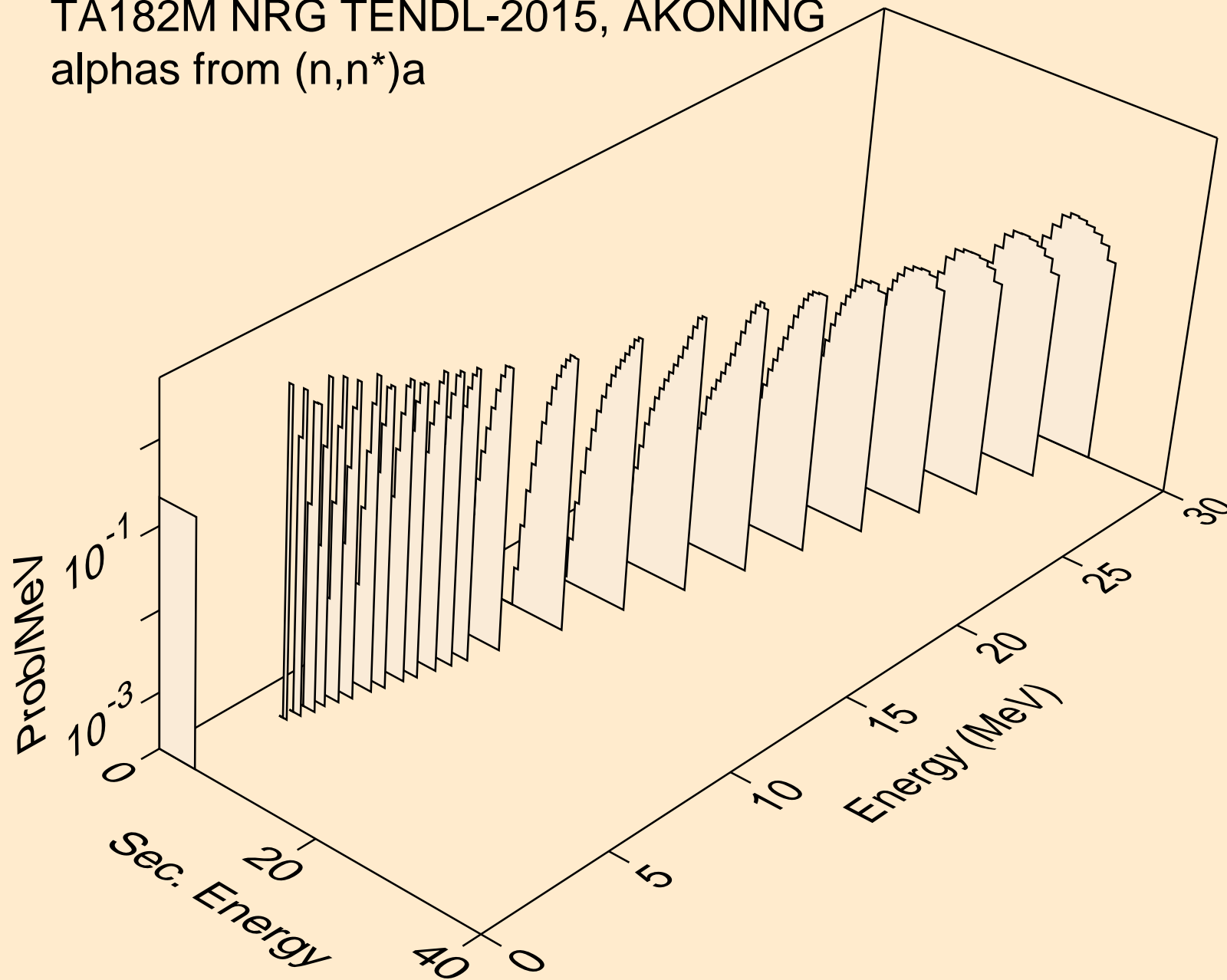
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he3s from (n,he3)



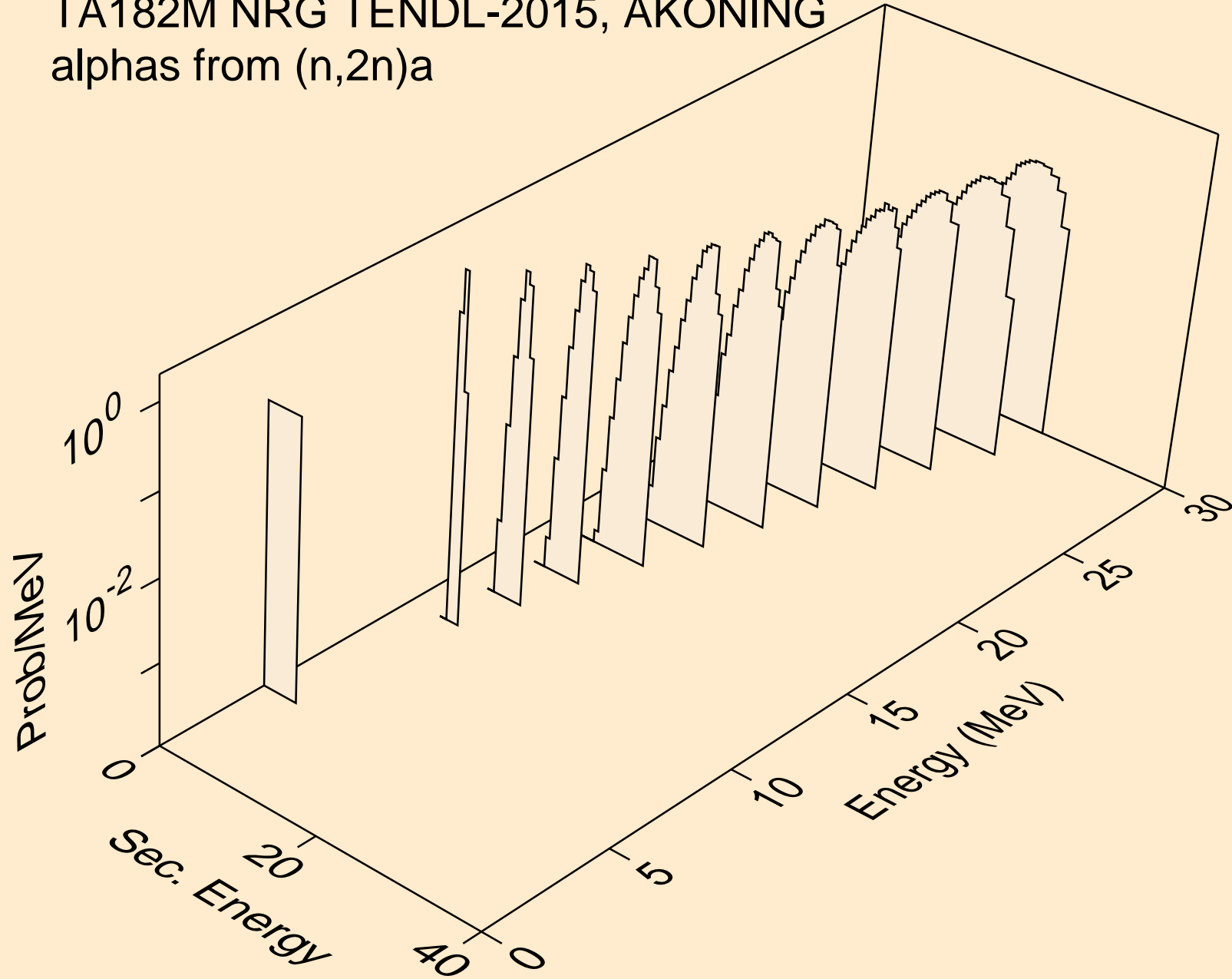
TA182M NRG TENDL-2015, AKONING  
alphas from (n,x)



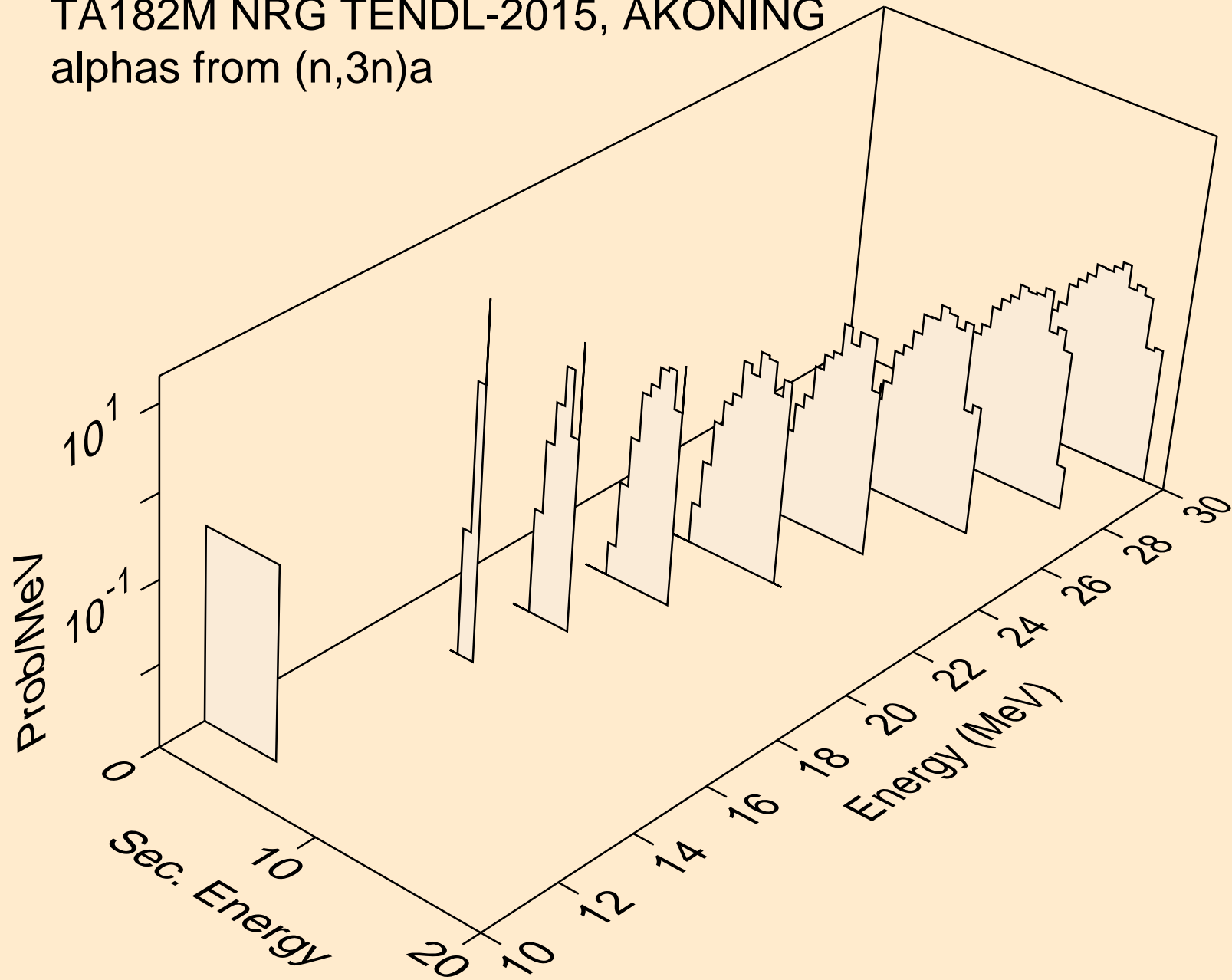
TA182M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



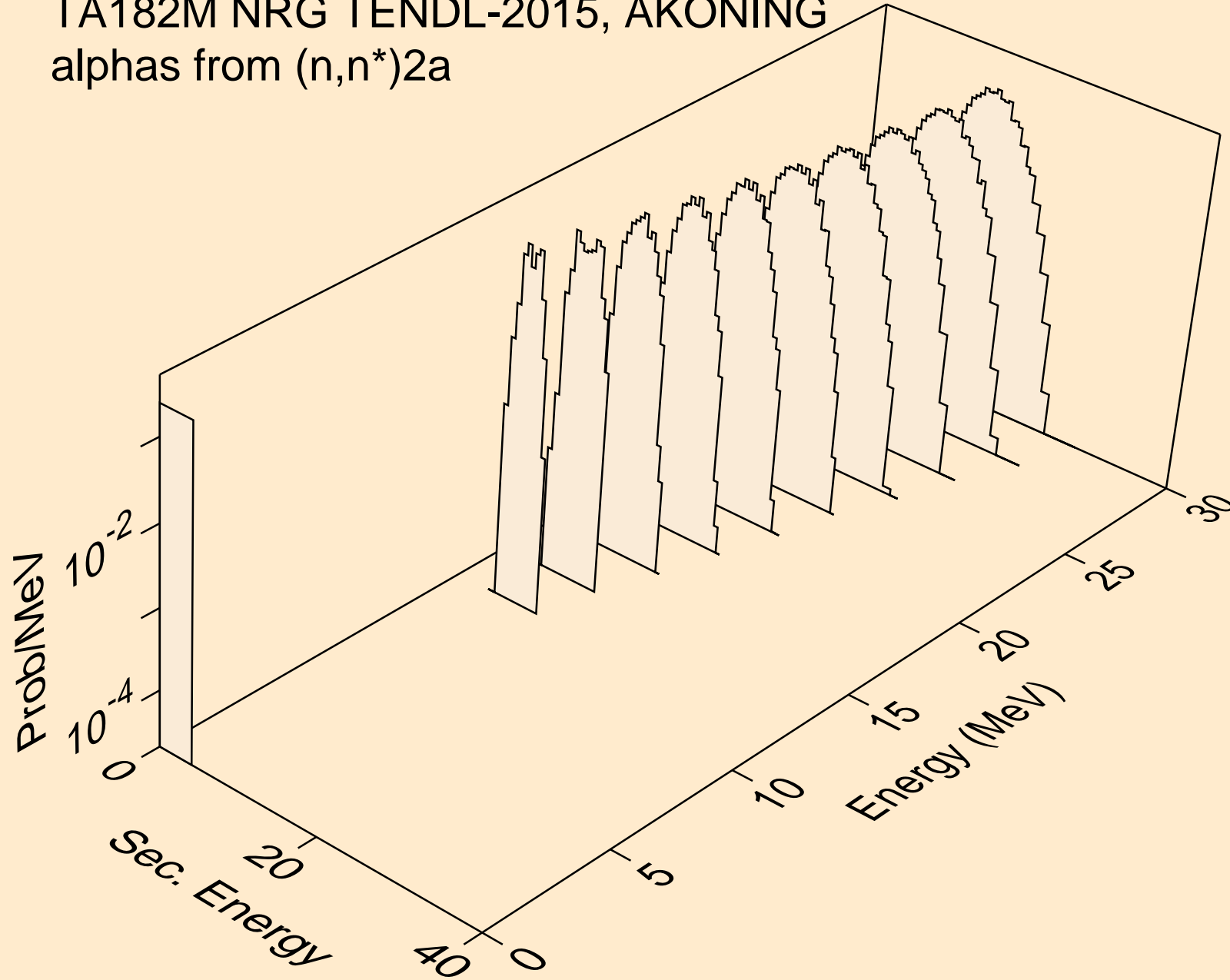
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alphas from (n,2n)a



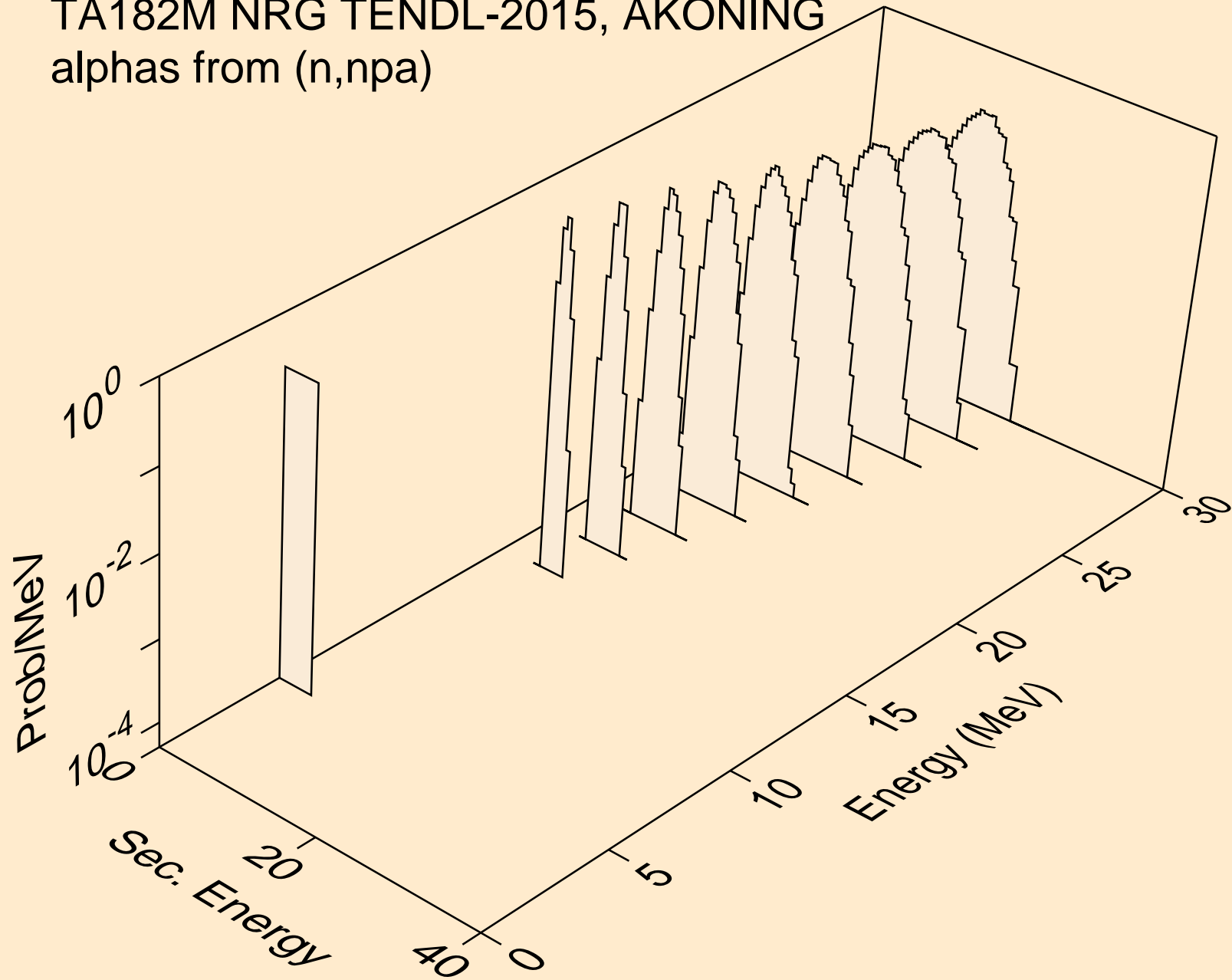
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alphas from (n,3n)a



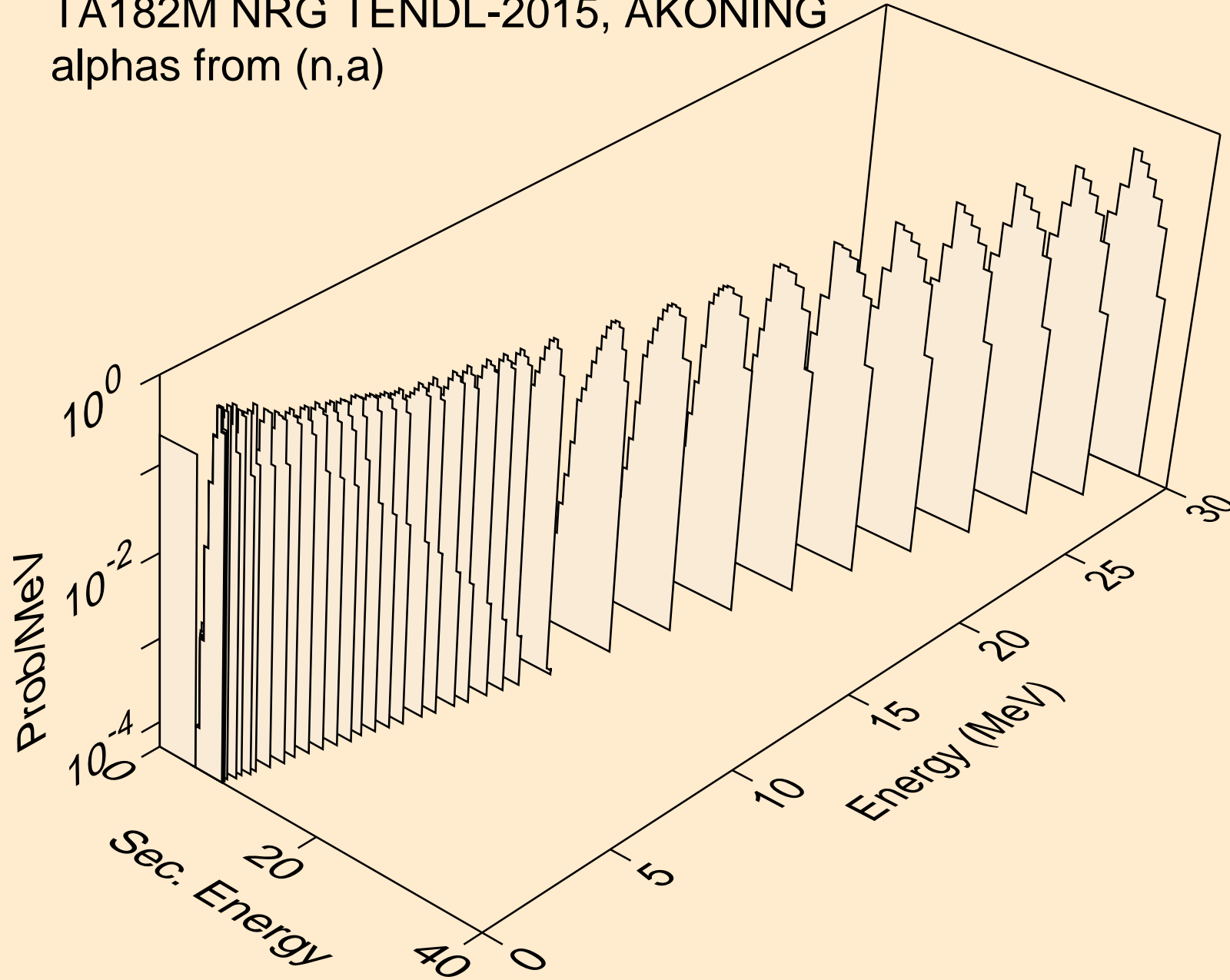
TA182M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



TA182M NRG TENDL-2015, AKONING  
alphas from (n,npa)

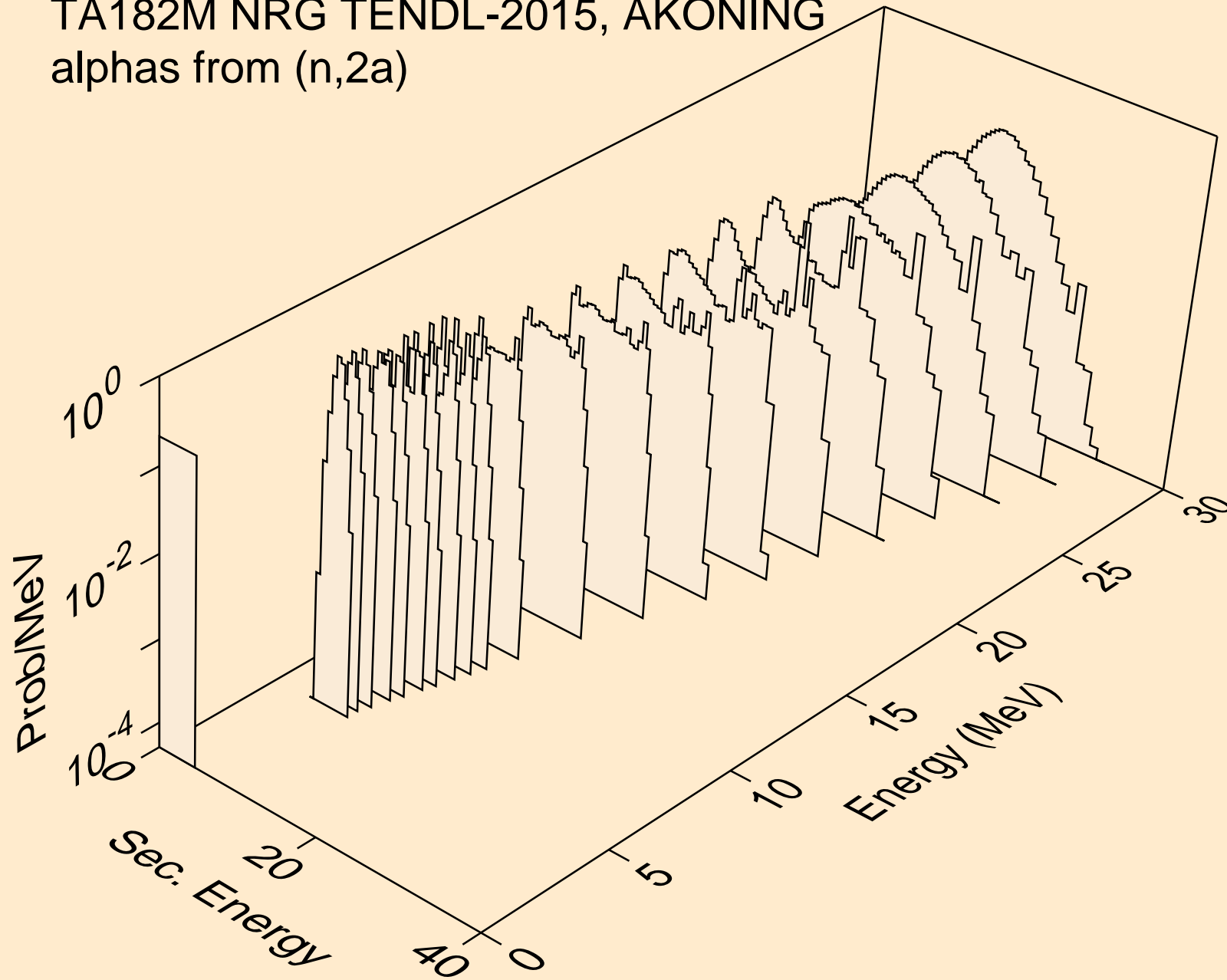


TA182M NRG TENDL-2015, AKONING  
alphas from (n,a)

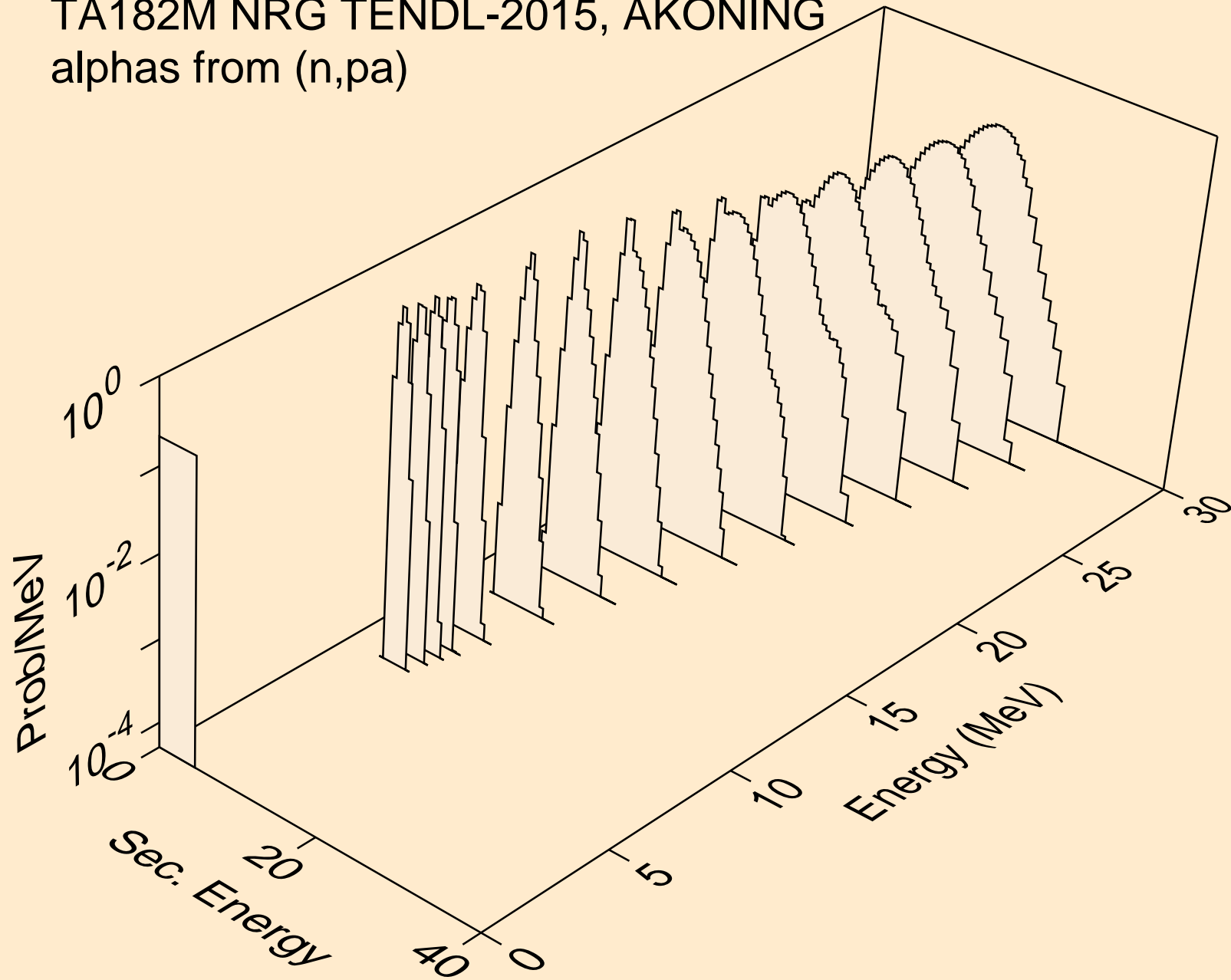




TA182M NRG TENDL-2015, AKONING  
alphas from (n,2a)



TA182M NRG TENDL-2015, AKONING  
alphas from (n,pa)



TA182M NRG TENDL-2015, AKONING  
alphas from (n,da)

