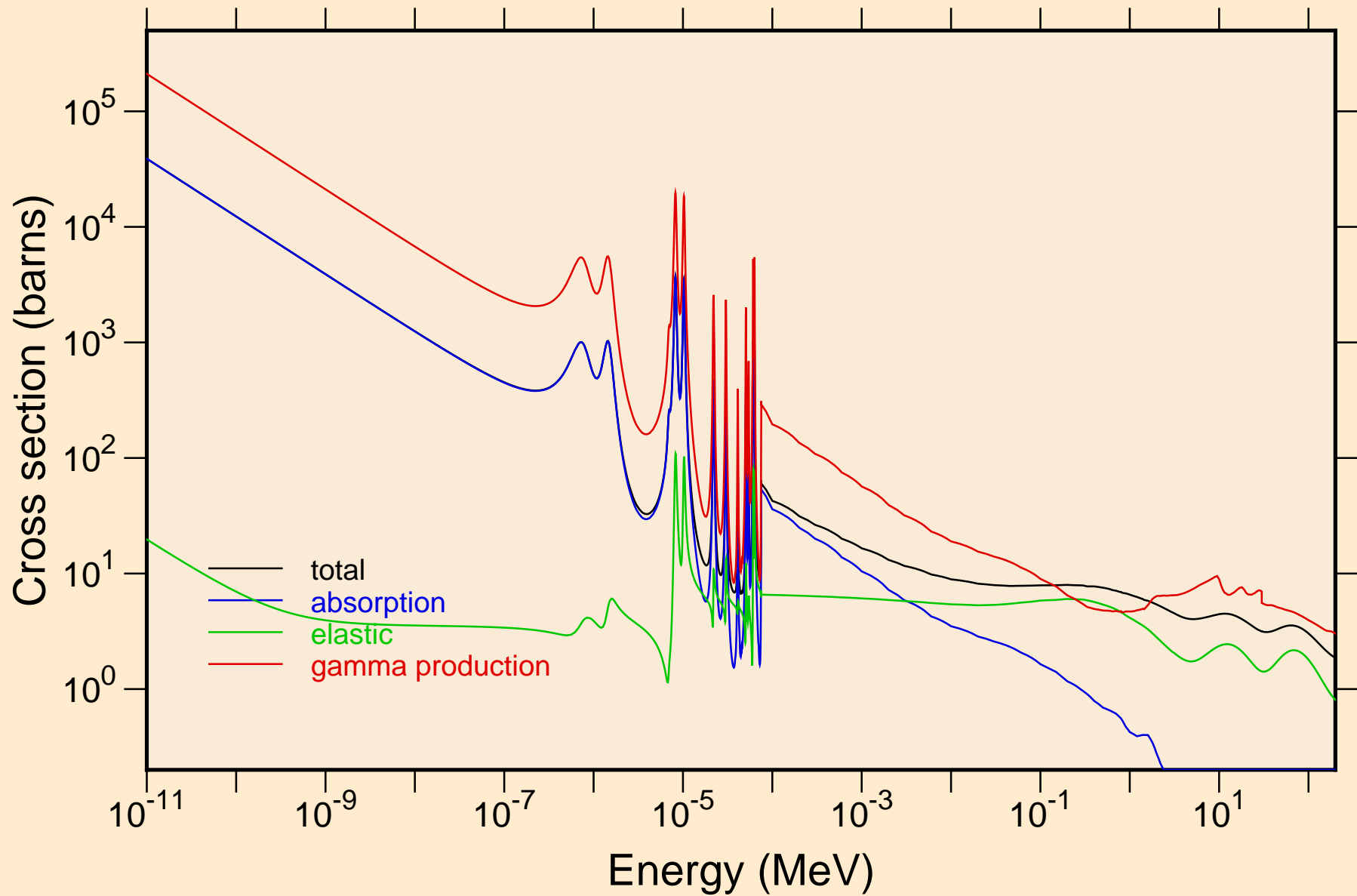


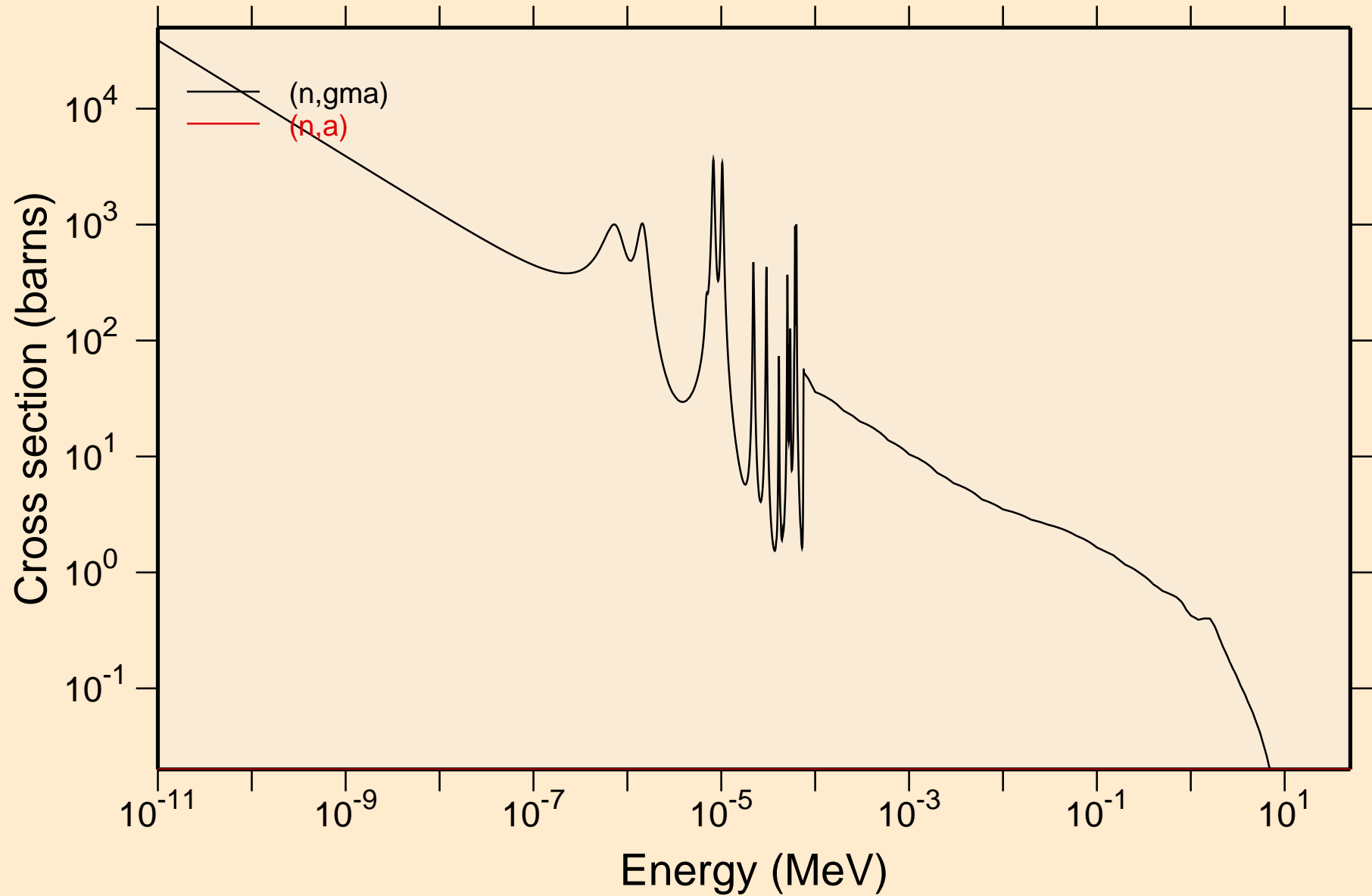
# AG109M NRG TENDL-2015, AKONING

## Principal cross sections



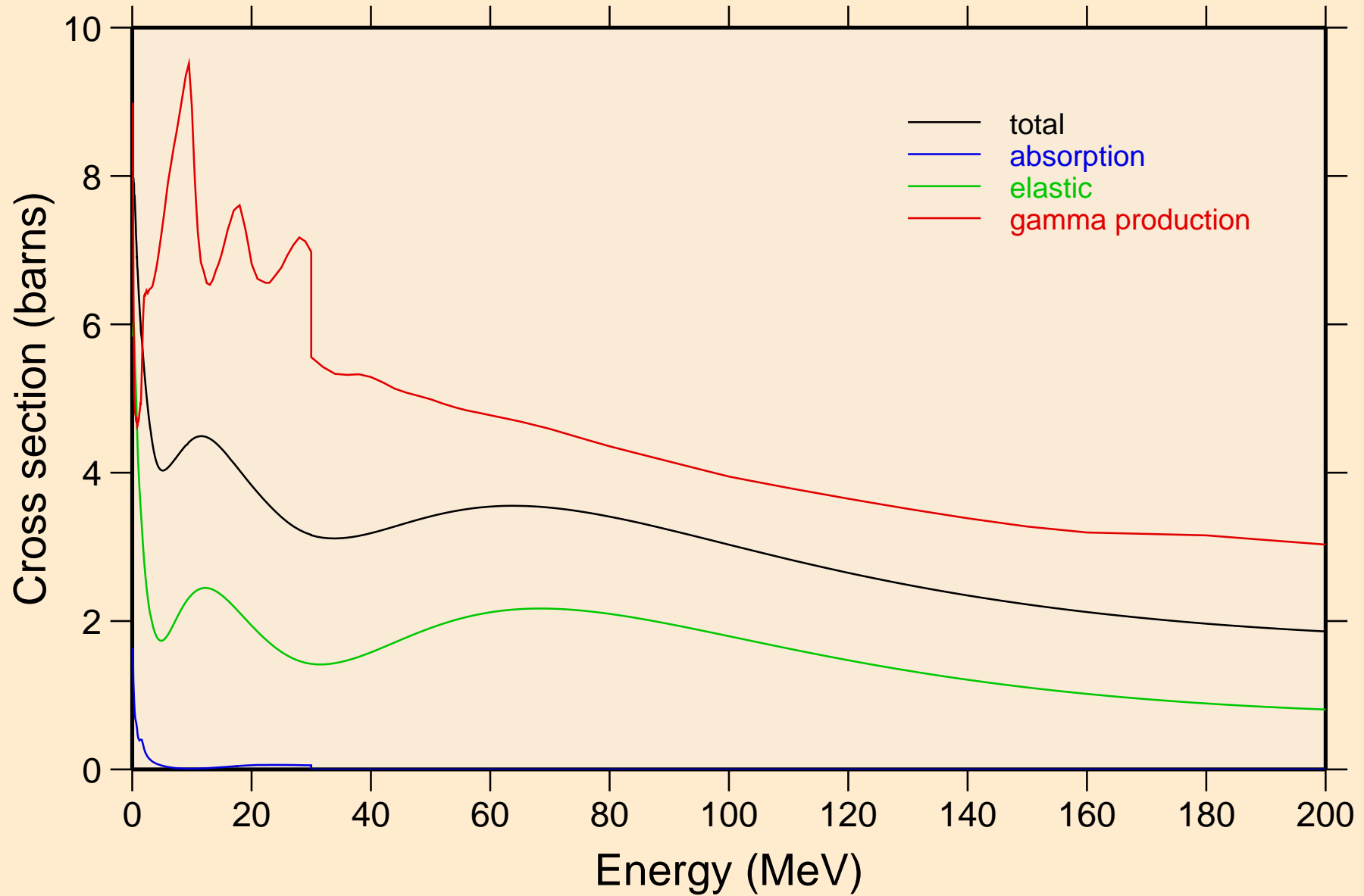
# AG109M NRG TENDL-2015, AKONING

## Non-threshold reactions

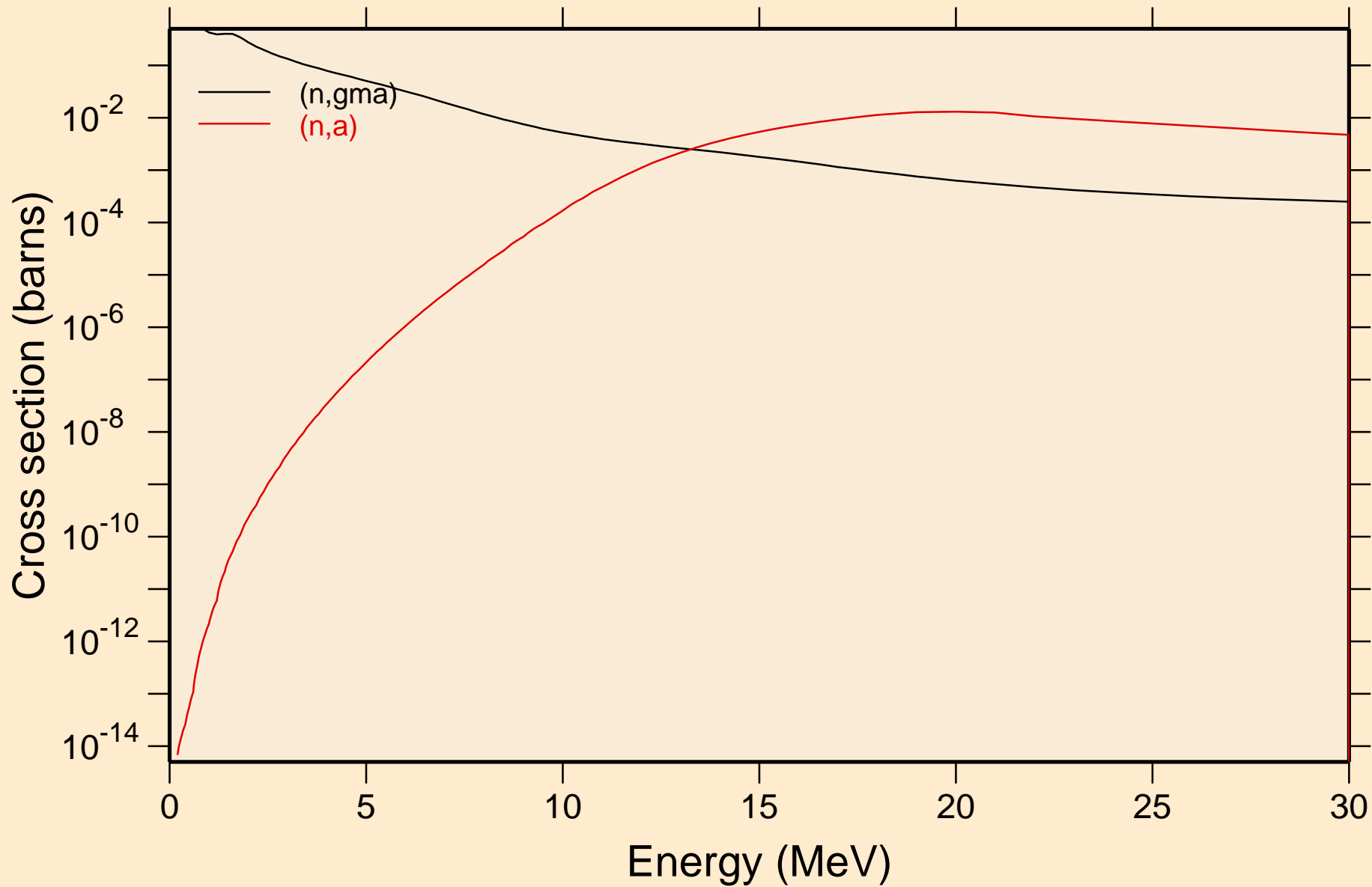


# AG109M NRG TENDL-2015, AKONING

## Principal cross sections

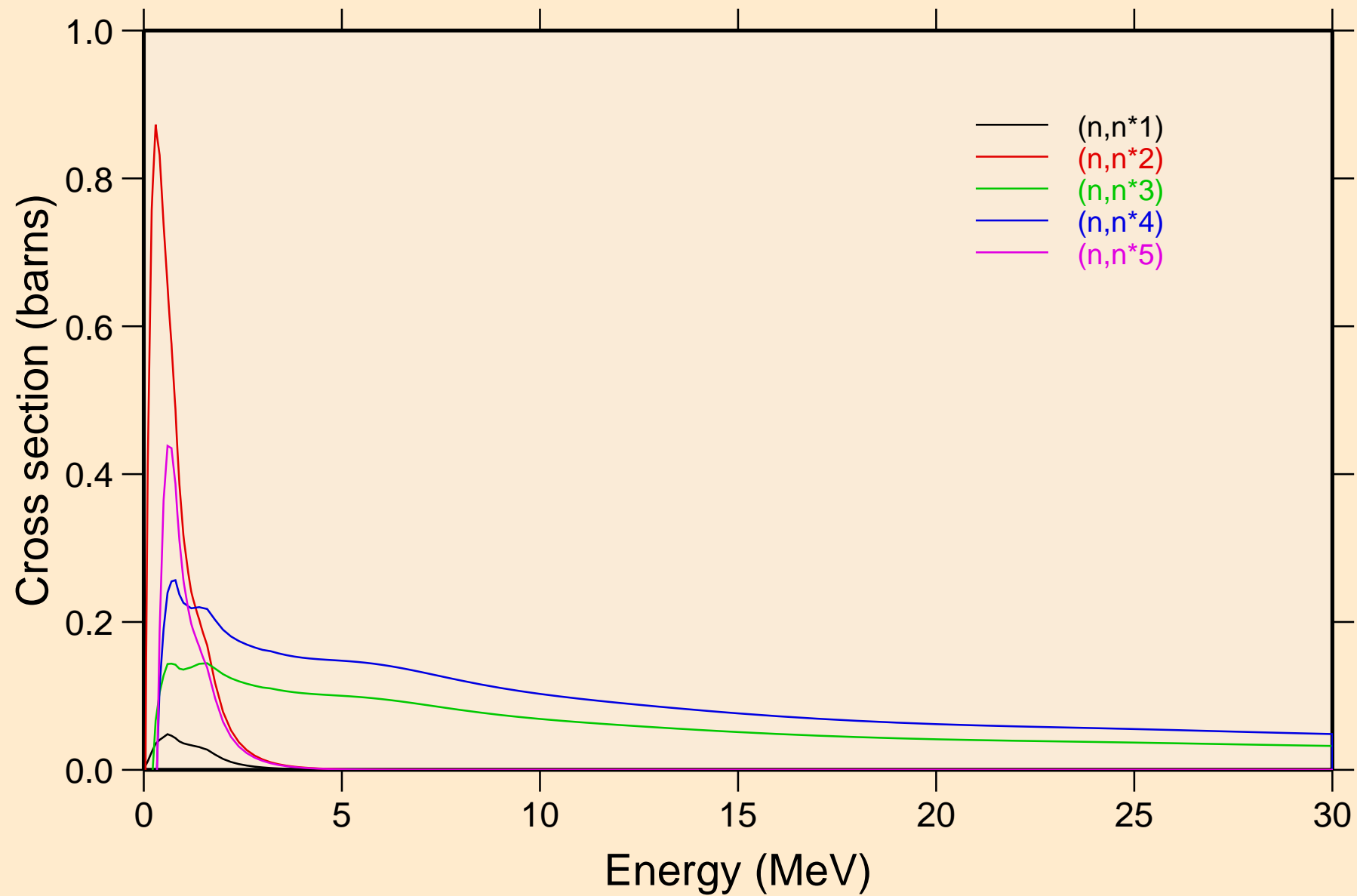


AG109M NRG TENDL-2015, AKONING  
Non-threshold reactions



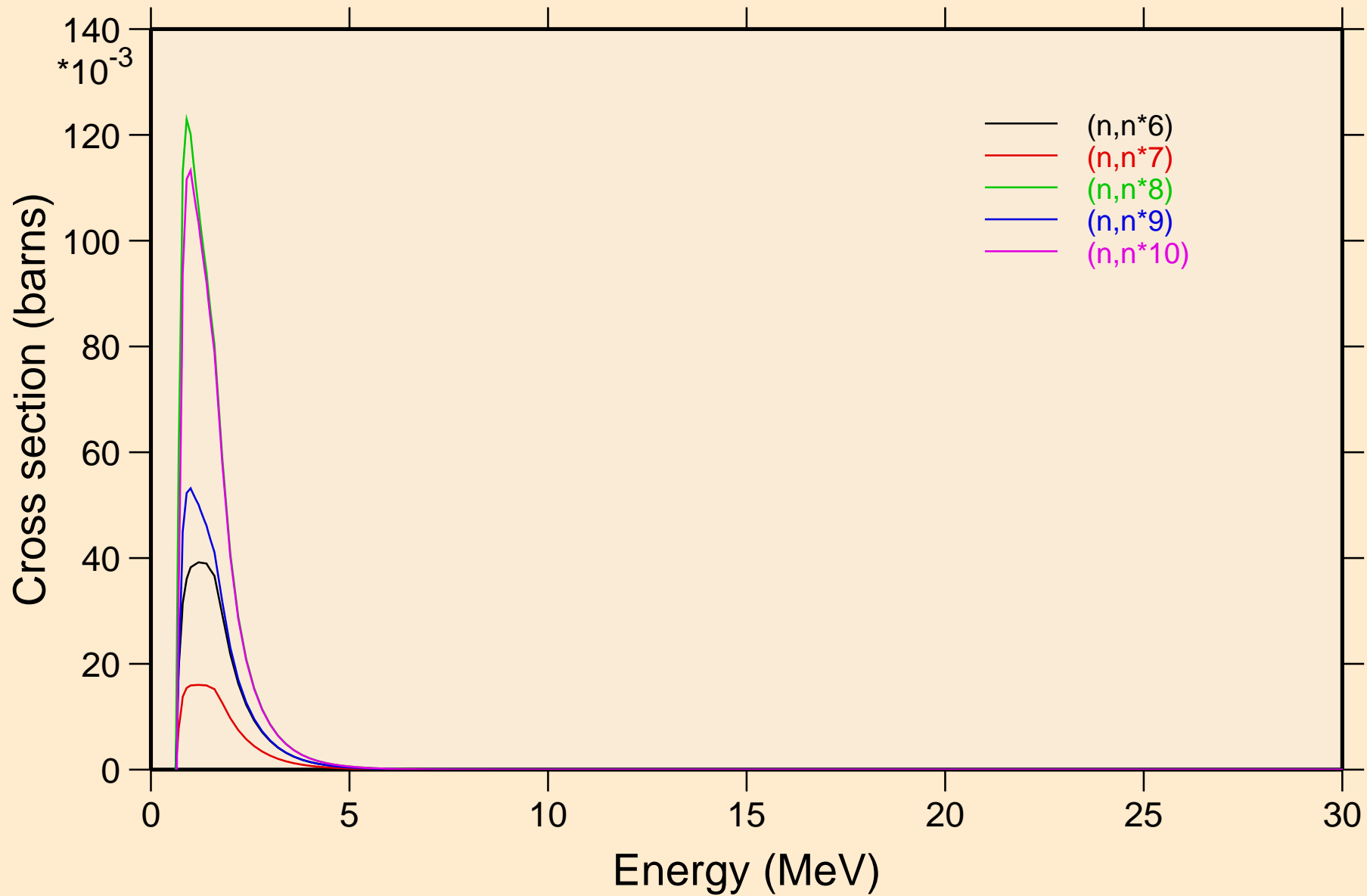
# AG109M NRG TENDL-2015, AKONING

## Inelastic levels



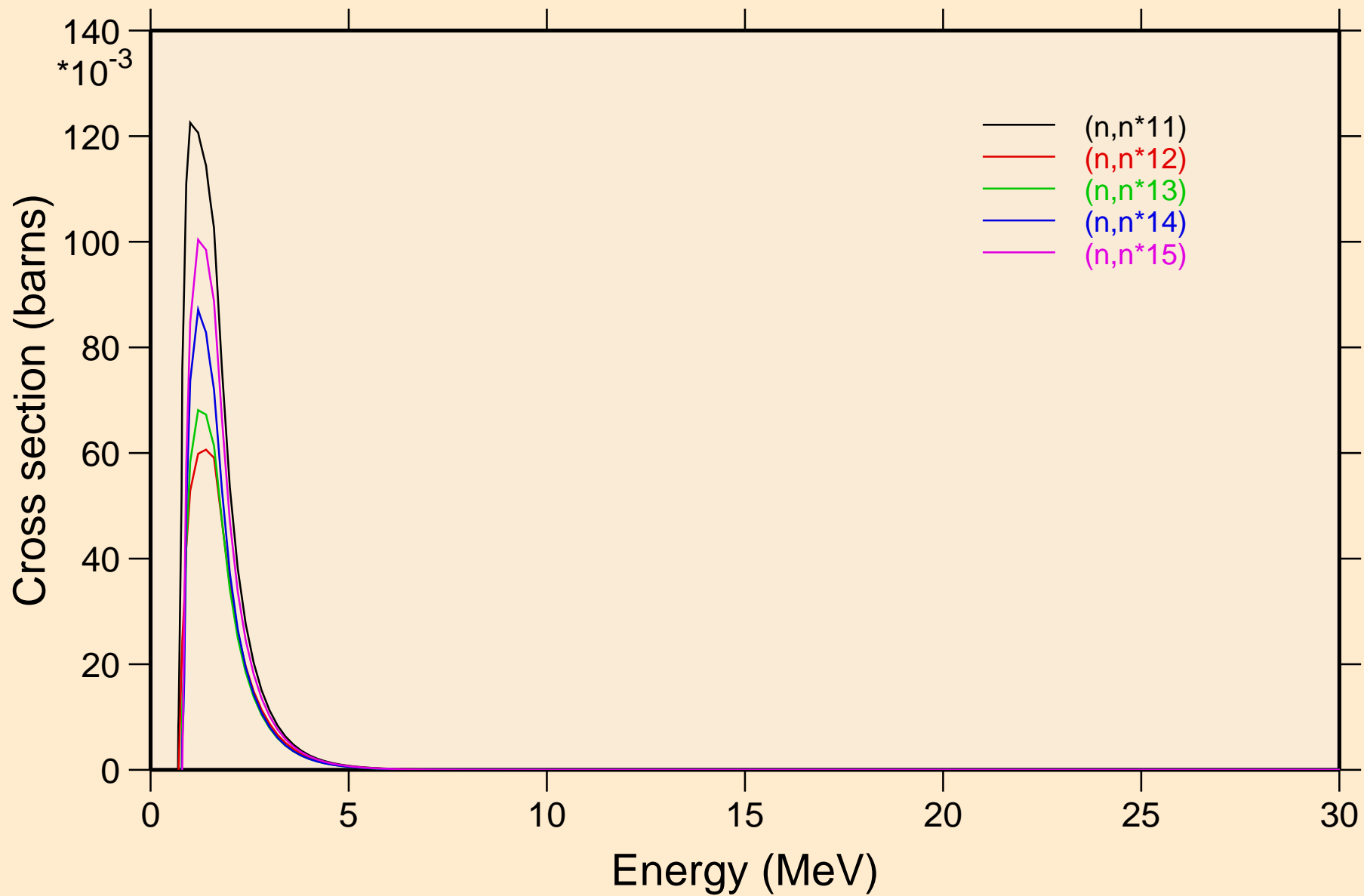
# AG109M NRG TENDL-2015, AKONING

## Inelastic levels



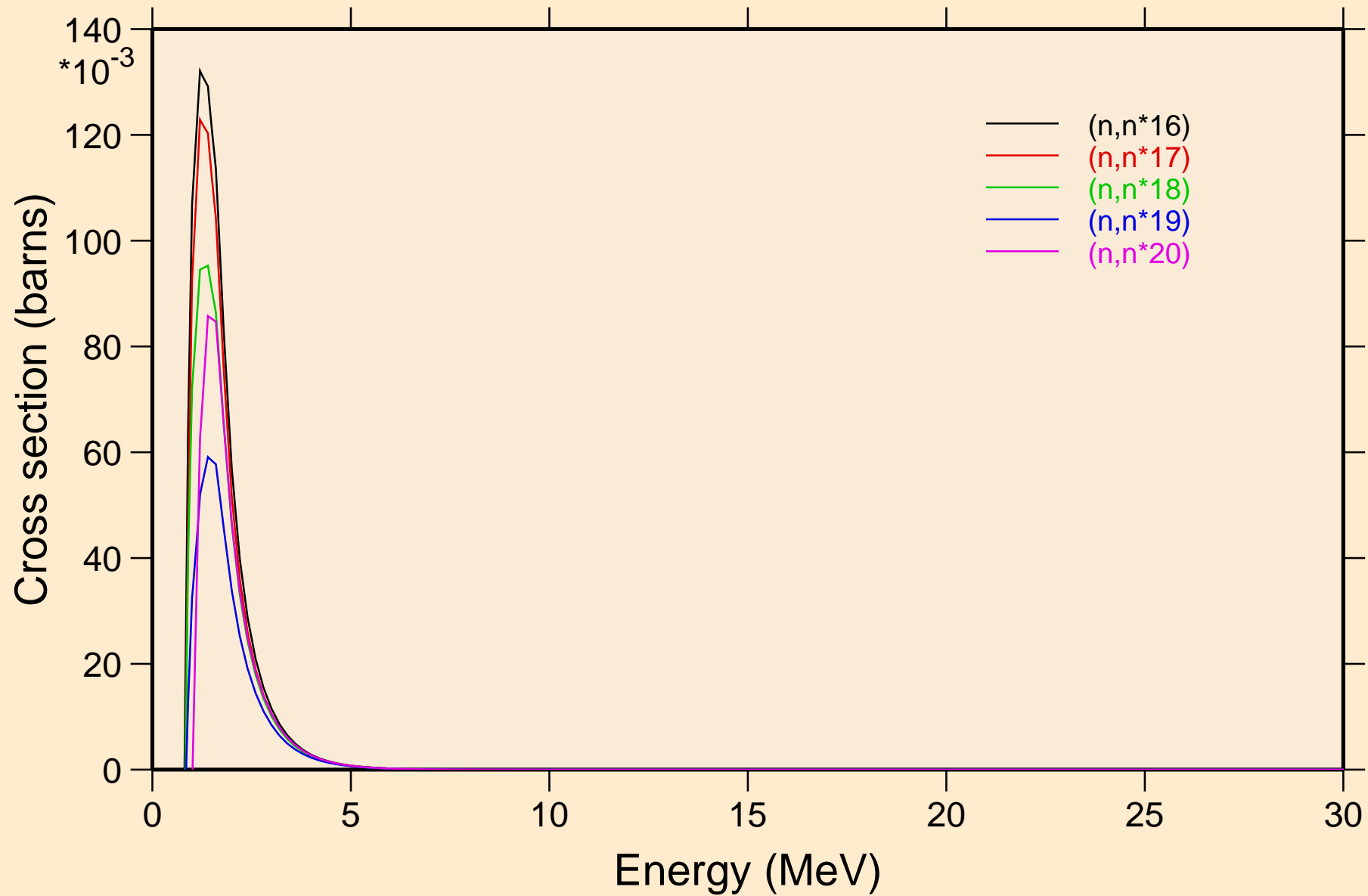
# AG109M NRG TENDL-2015, AKONING

## Inelastic levels



# AG109M NRG TENDL-2015, AKONING

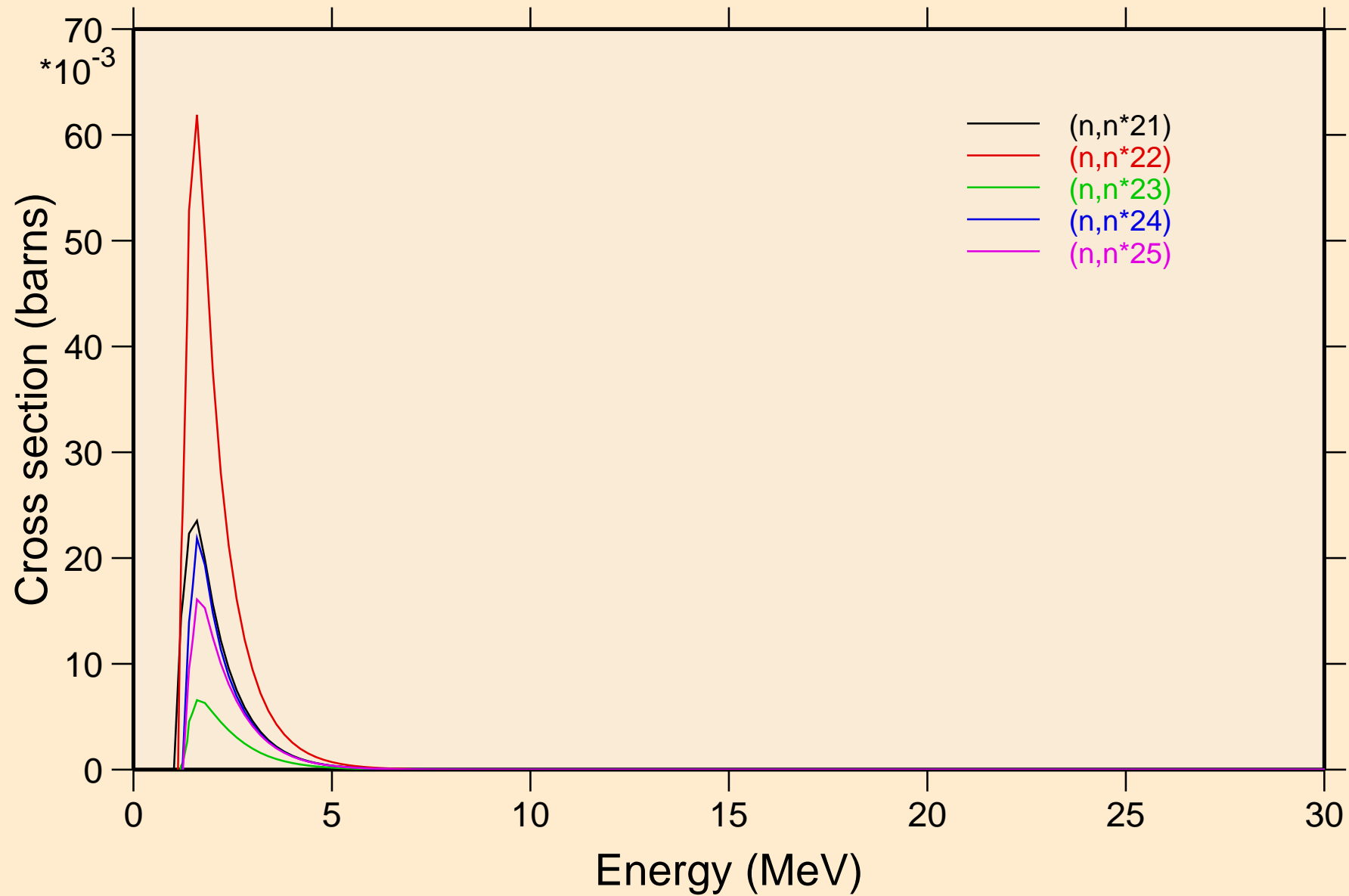
## Inelastic levels





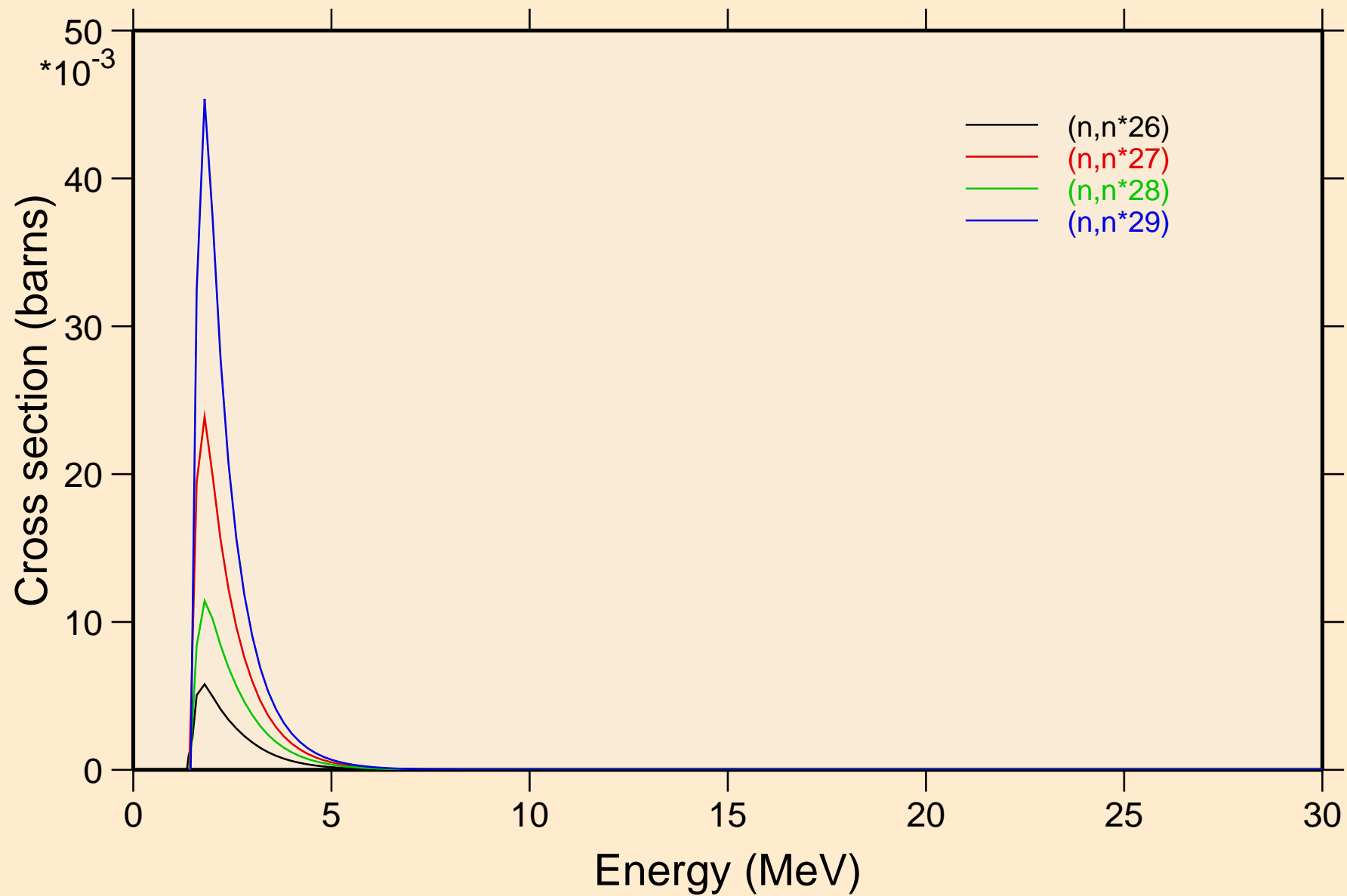
# AG109M NRG TENDL-2015, AKONING

## Inelastic levels



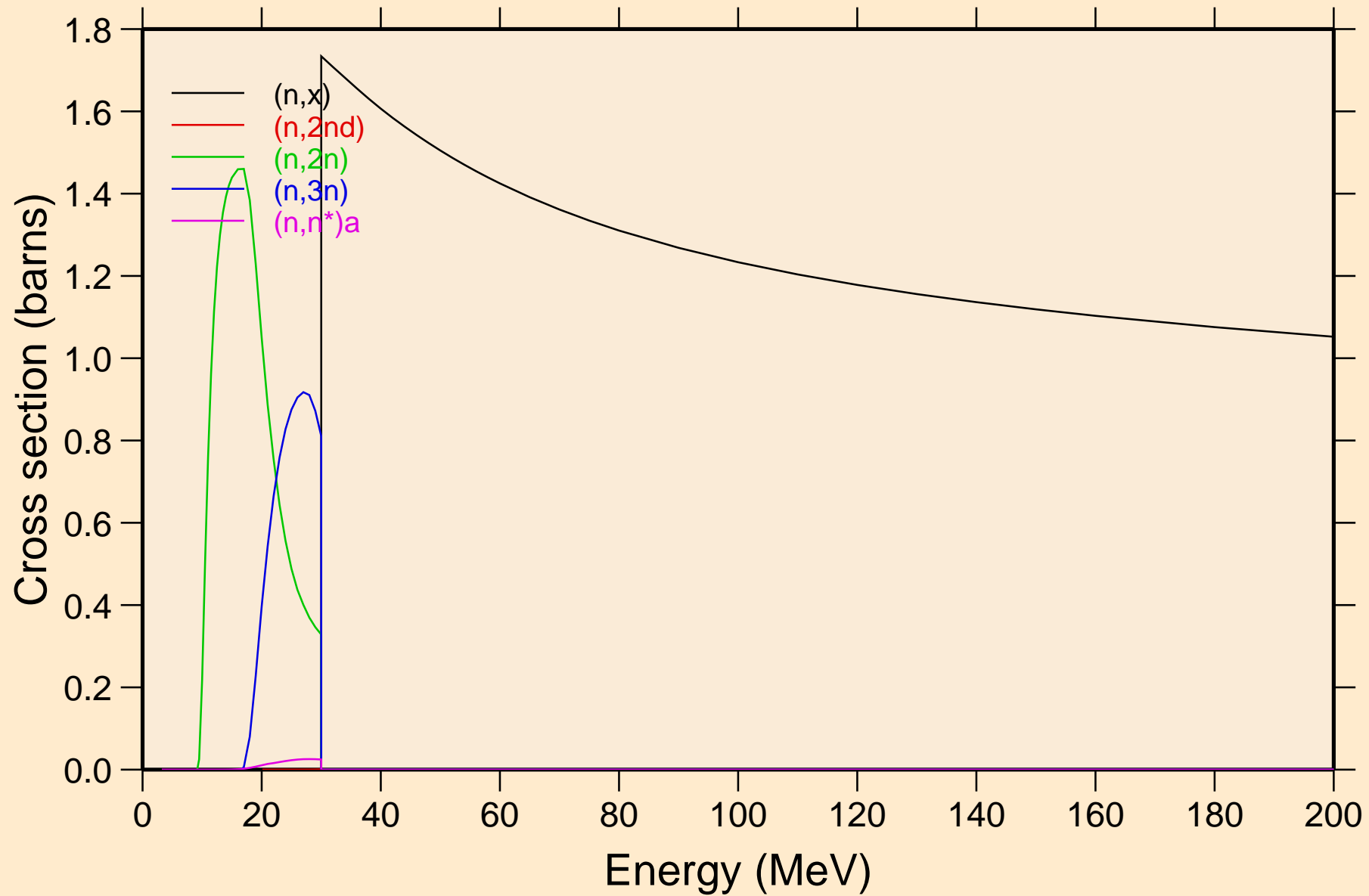
# AG109M NRG TENDL-2015, AKONING

## Inelastic levels



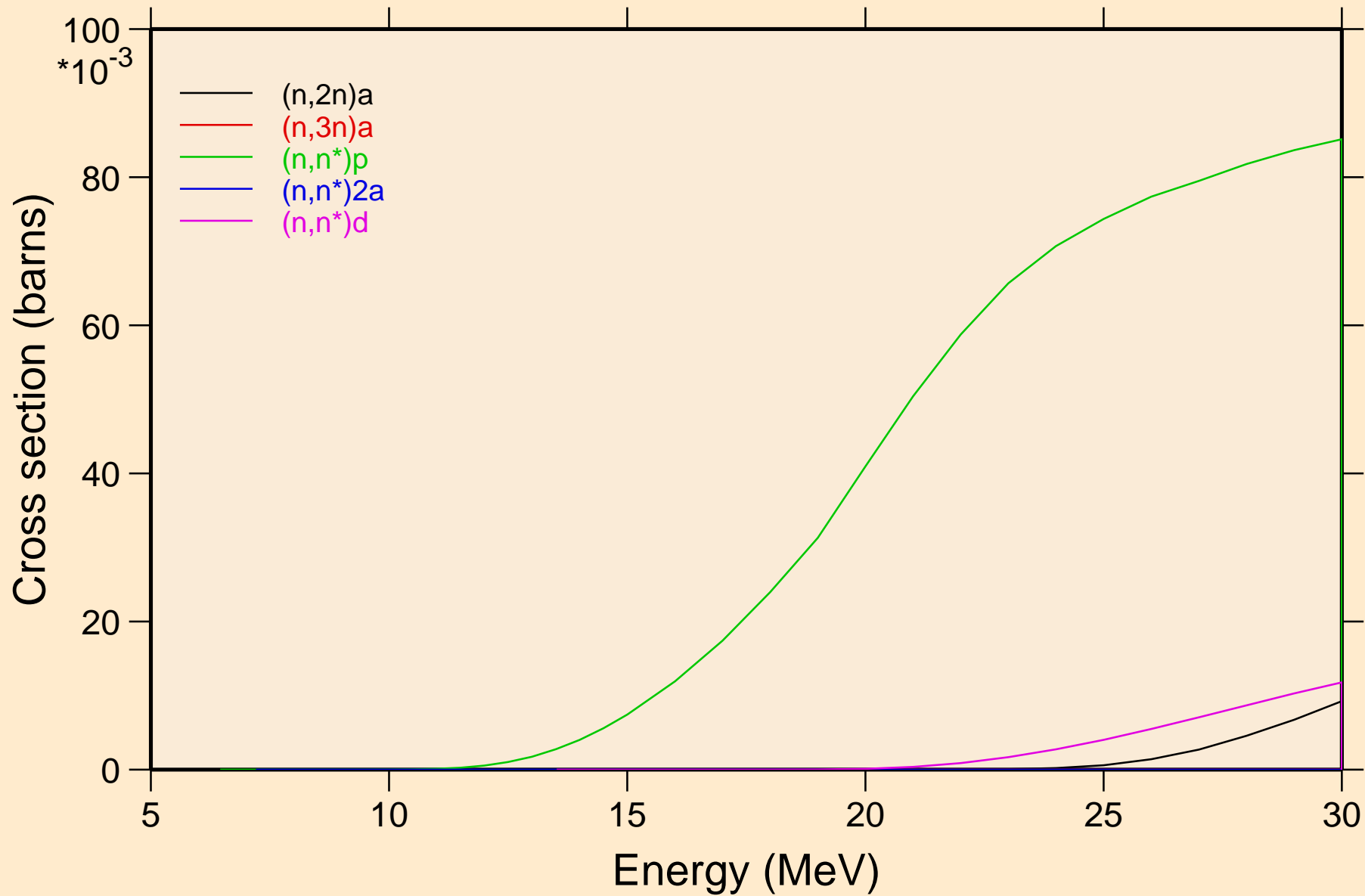
# AG109M NRG TENDL-2015, AKONING

## Threshold reactions



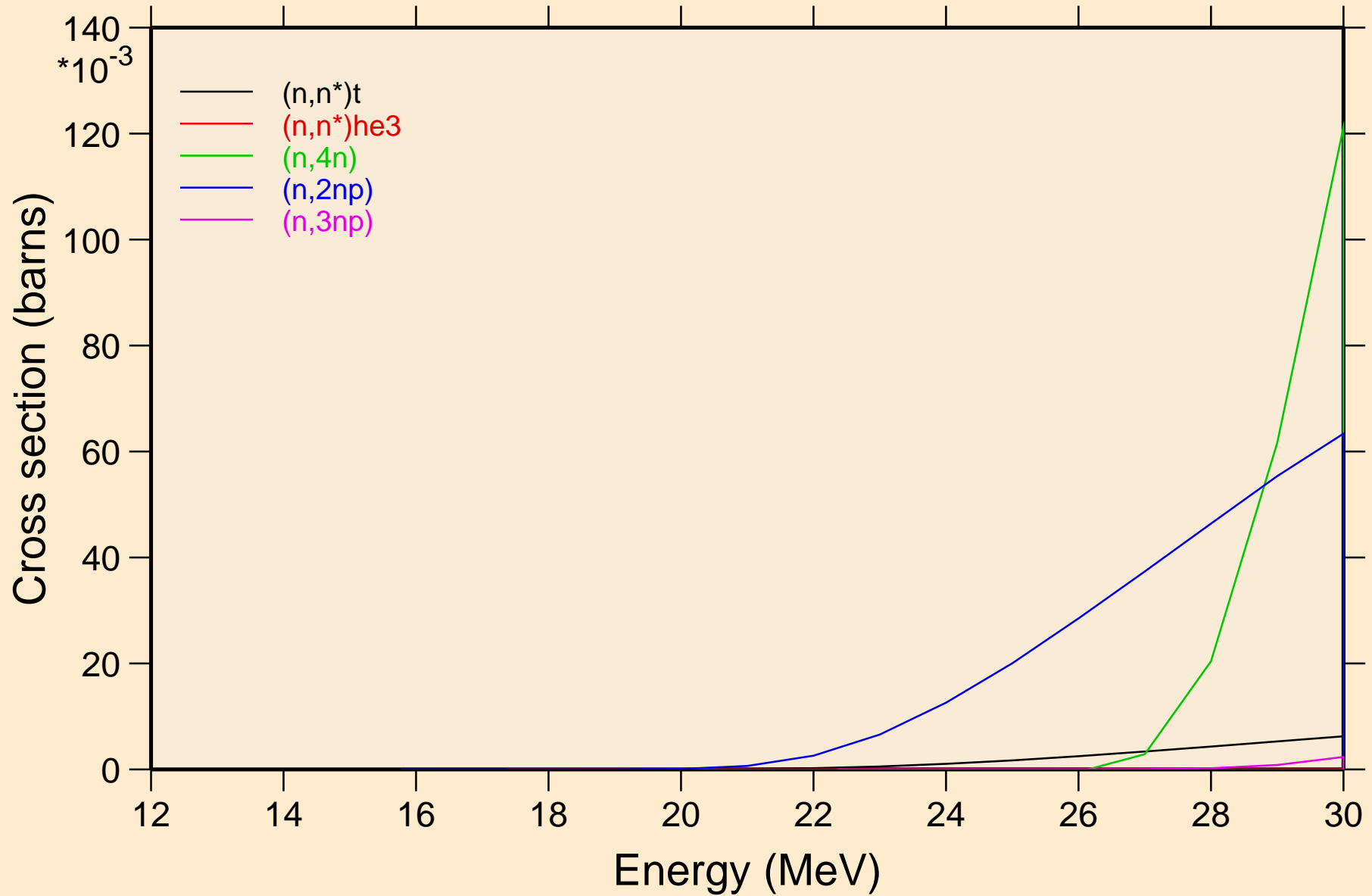
# AG109M NRG TENDL-2015, AKONING

## Threshold reactions



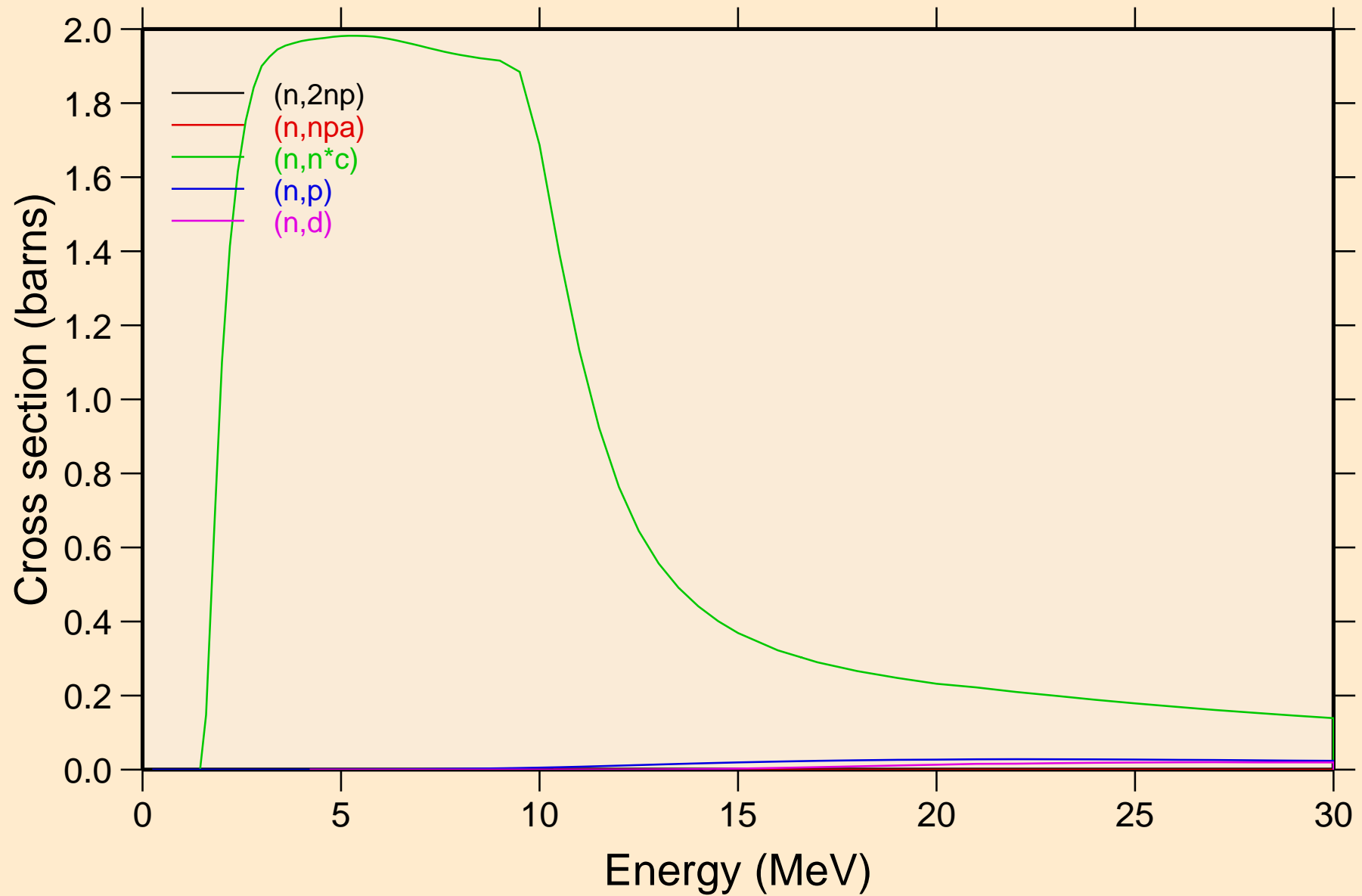
# AG109M NRG TENDL-2015, AKONING

## Threshold reactions



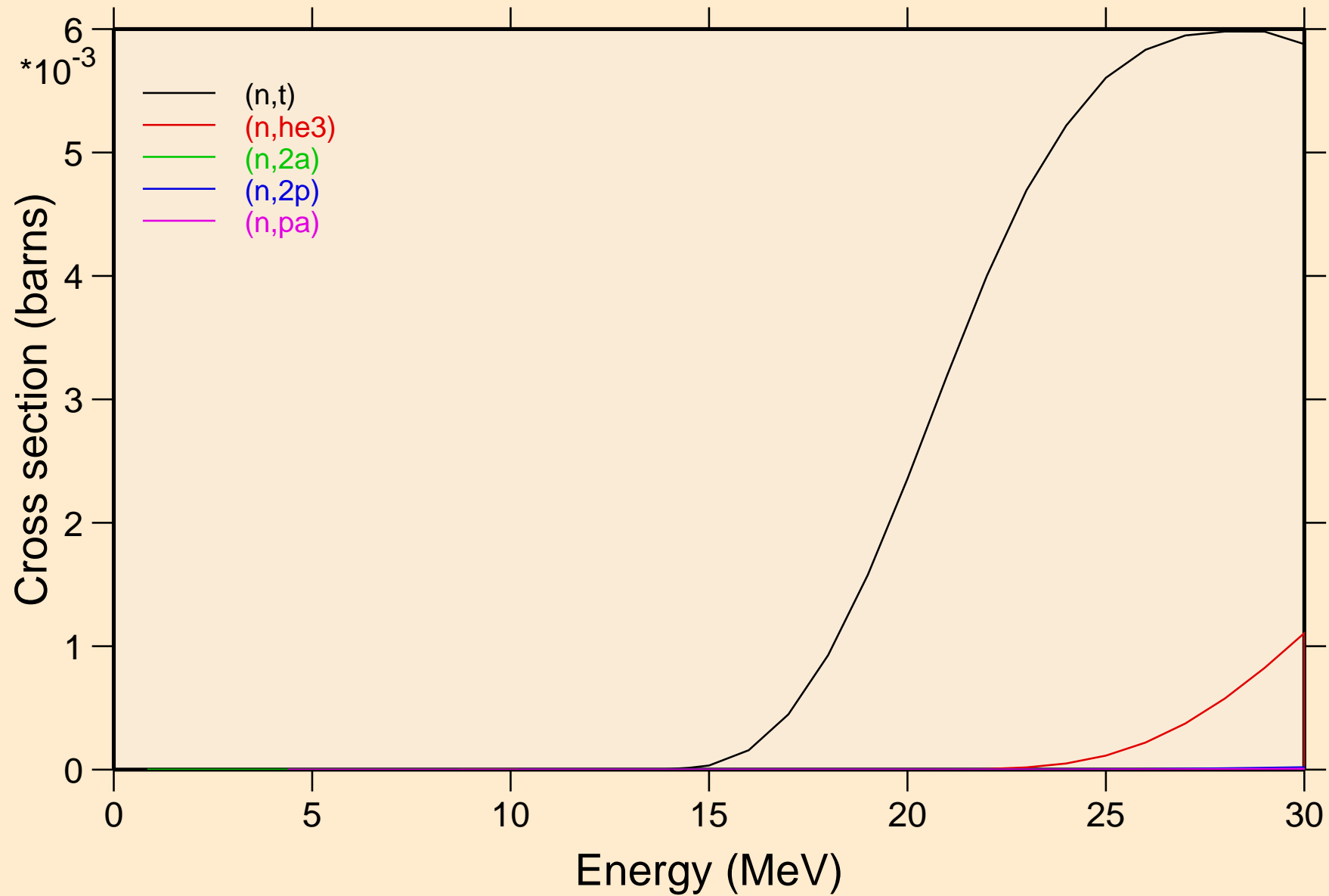
# AG109M NRG TENDL-2015, AKONING

## Threshold reactions



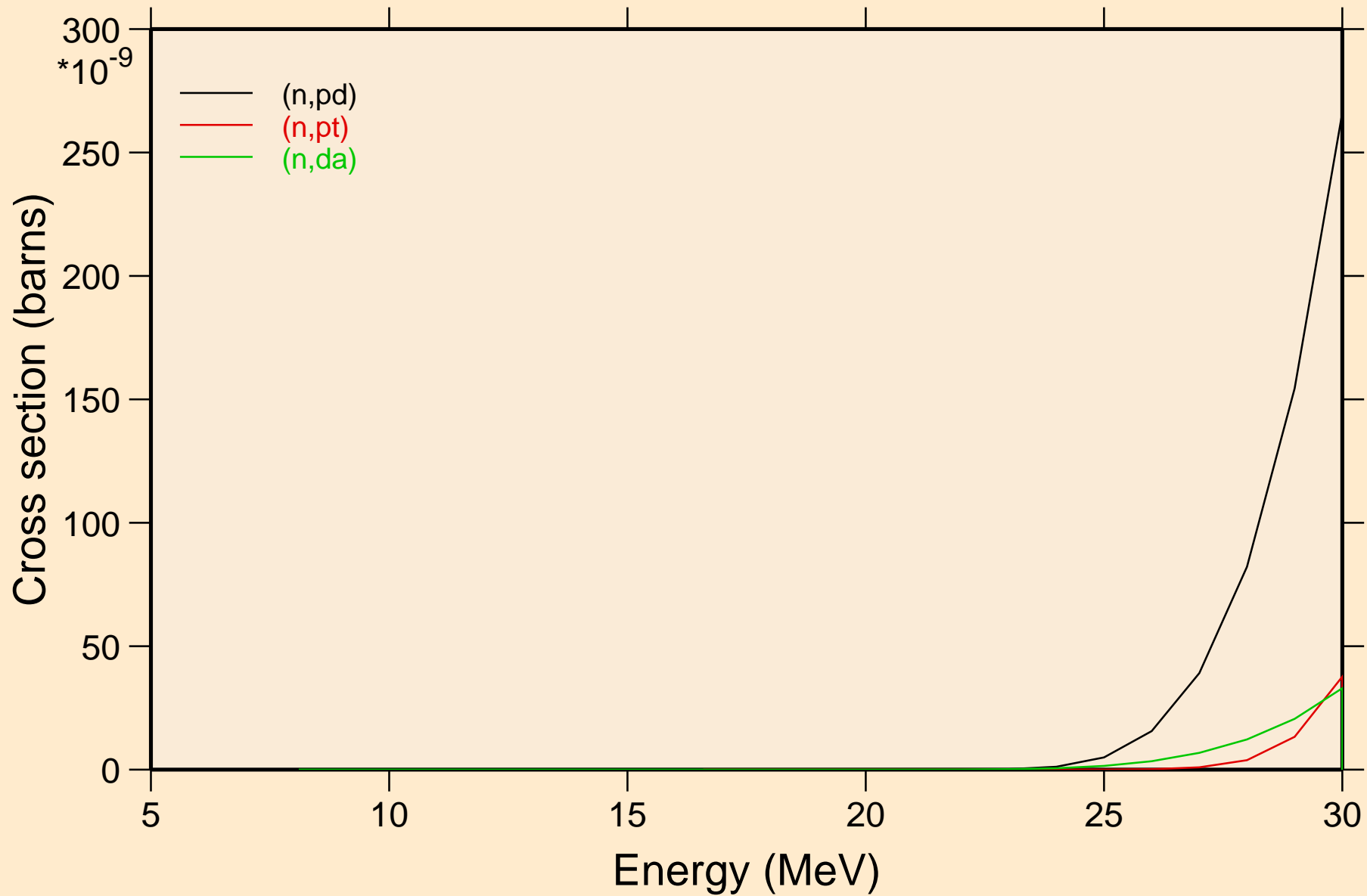
# AG109M NRG TENDL-2015, AKONING

## Threshold reactions



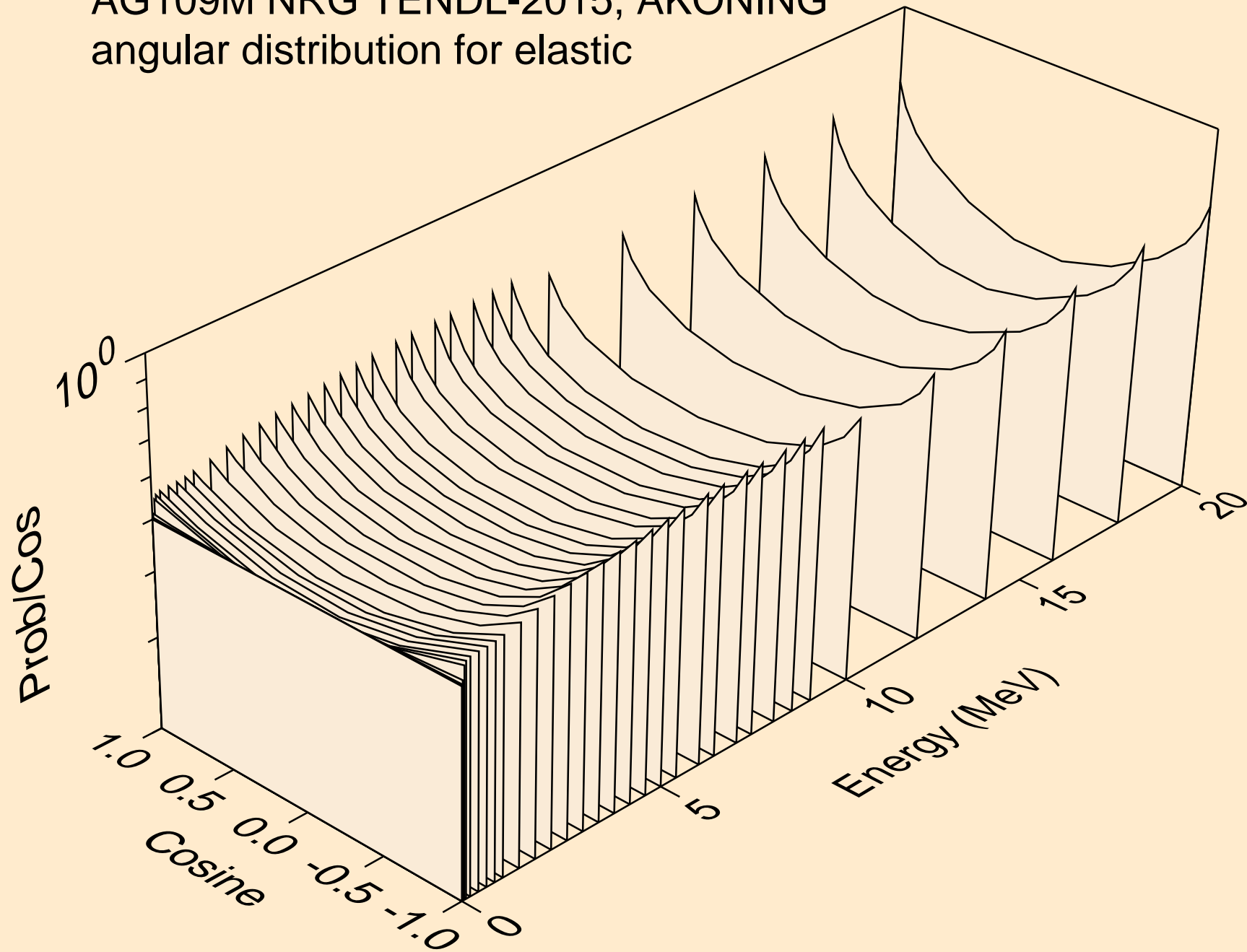
# AG109M NRG TENDL-2015, AKONING

## Threshold reactions

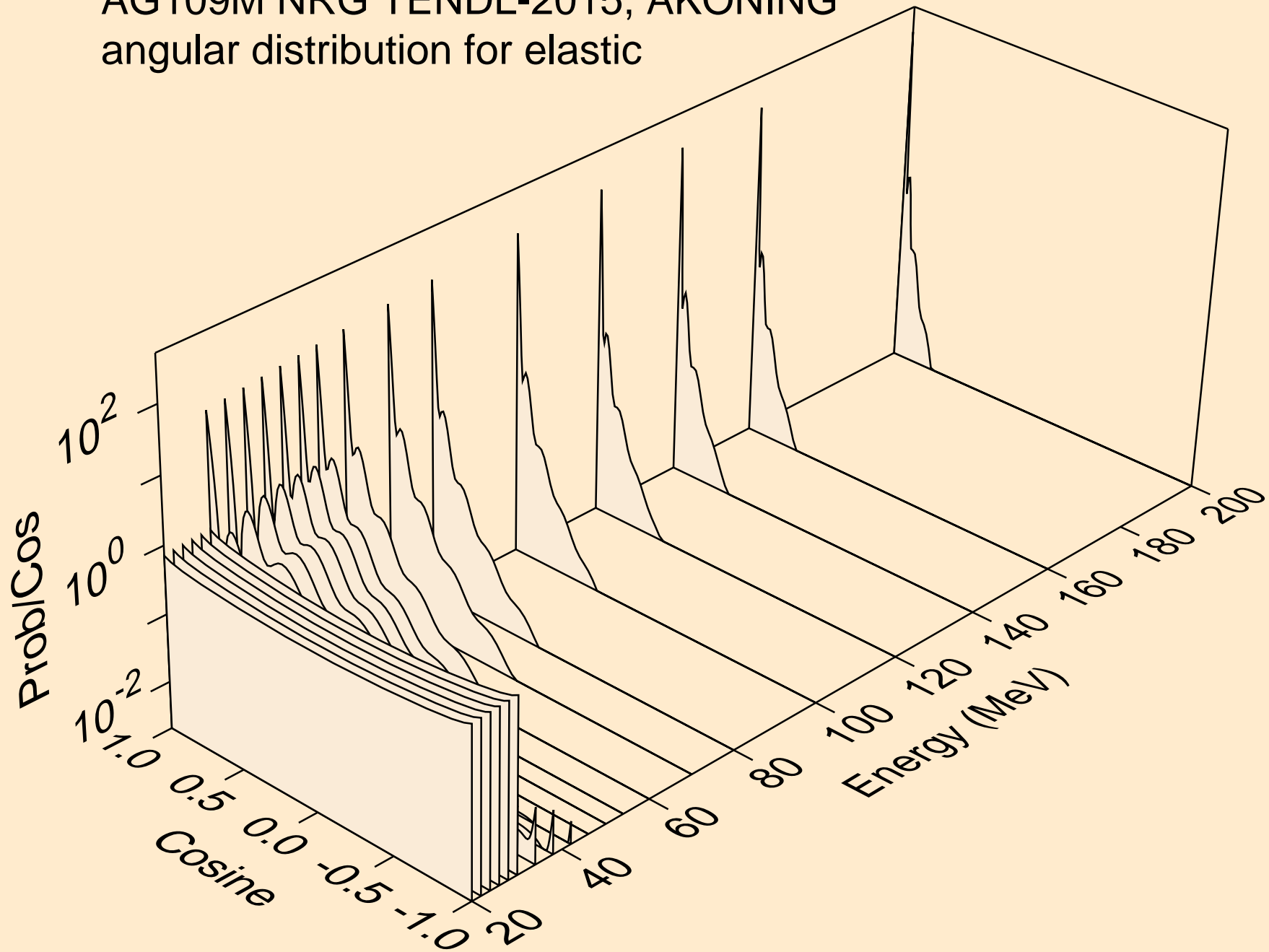




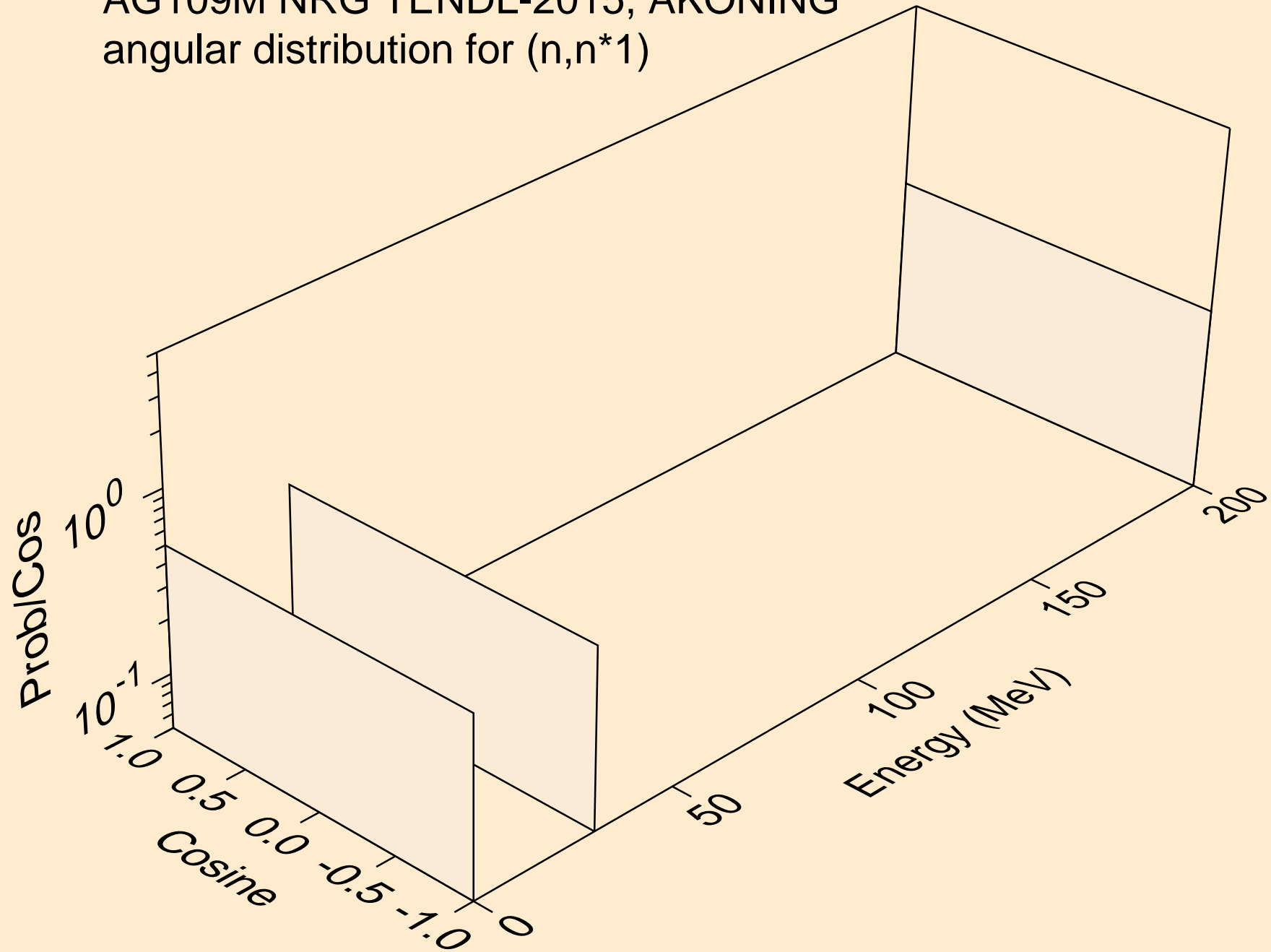
AG109M NRG TENDL-2015, AKONING  
angular distribution for elastic



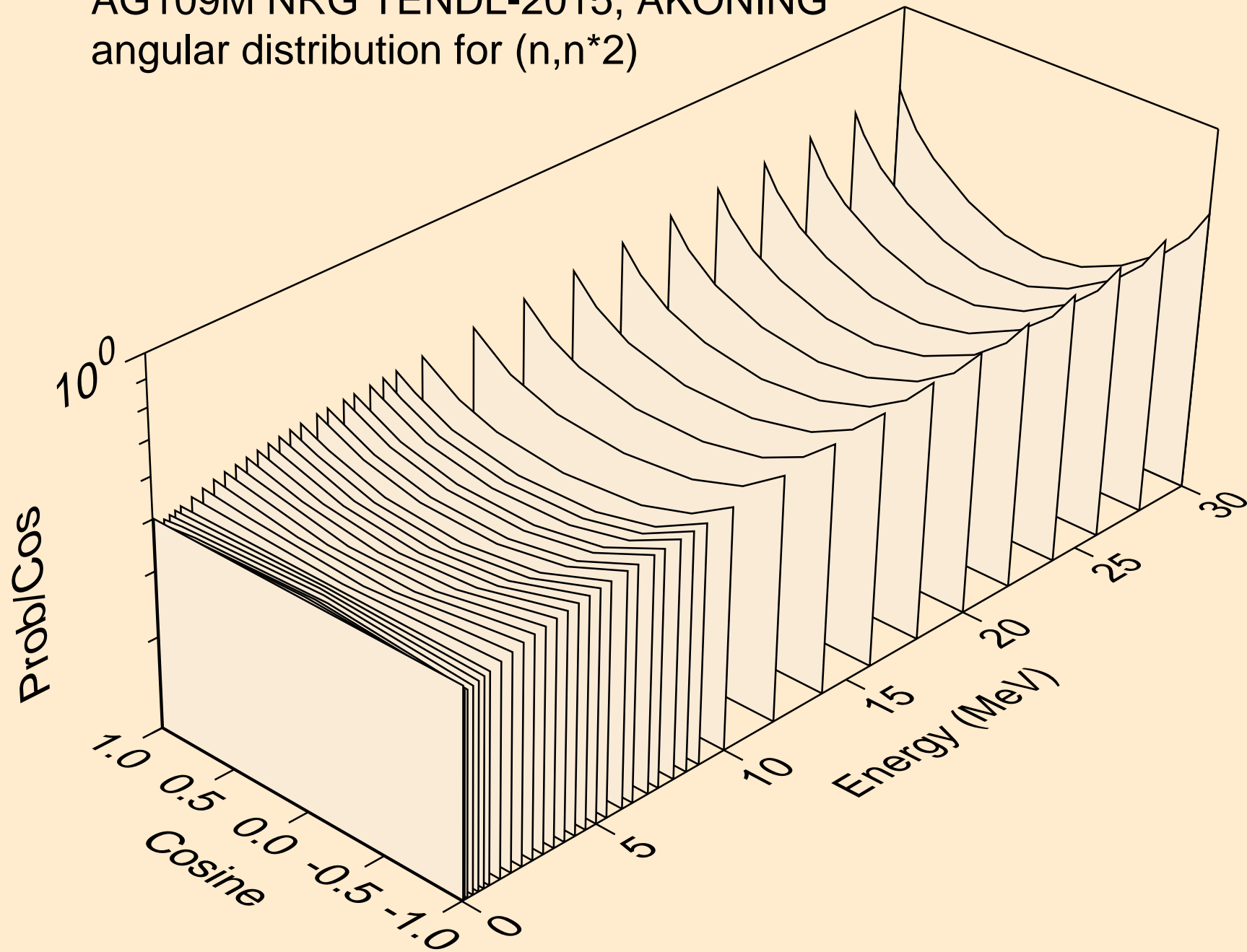
AG109M NRG TENDL-2015, AKONING  
angular distribution for elastic



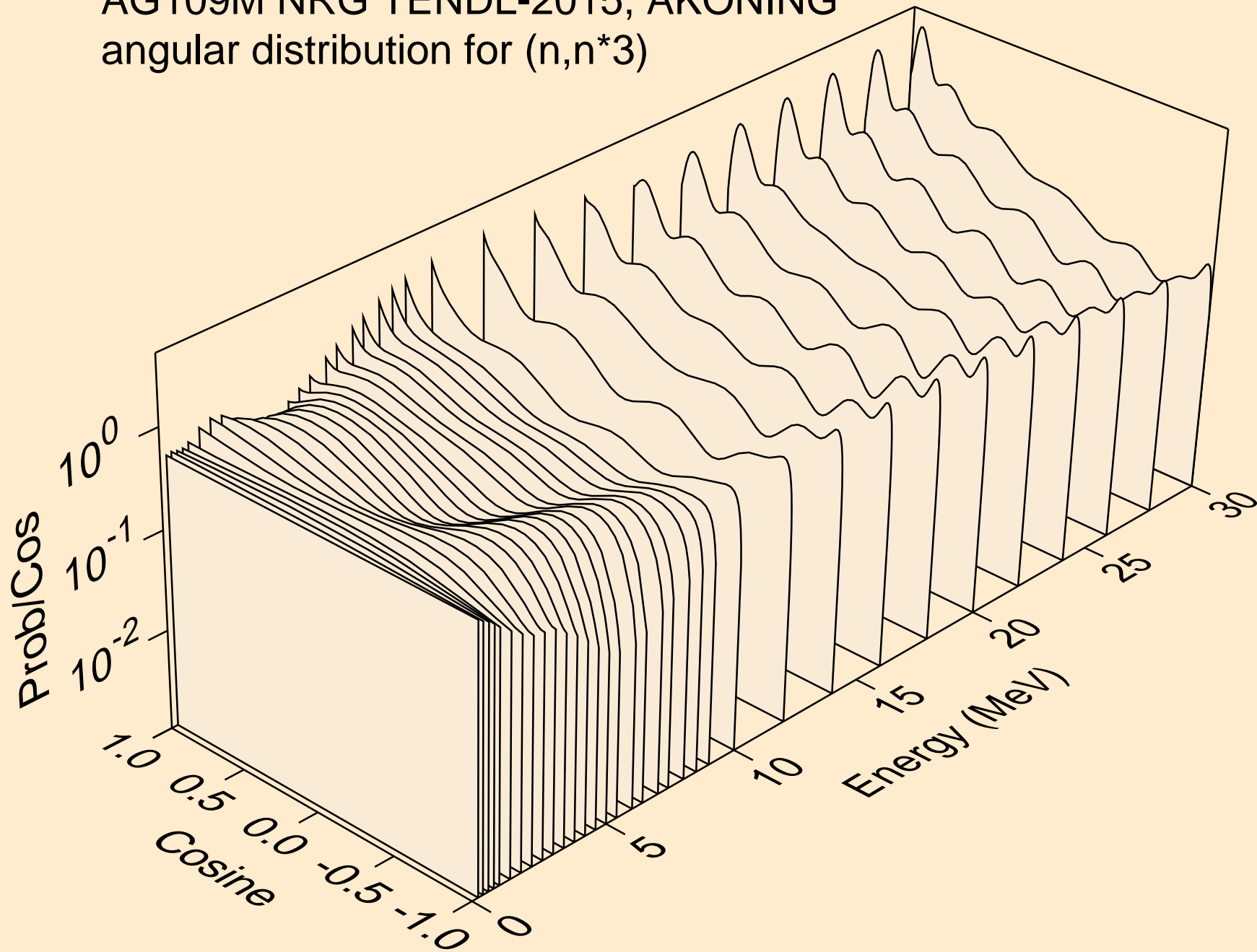
AG109M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



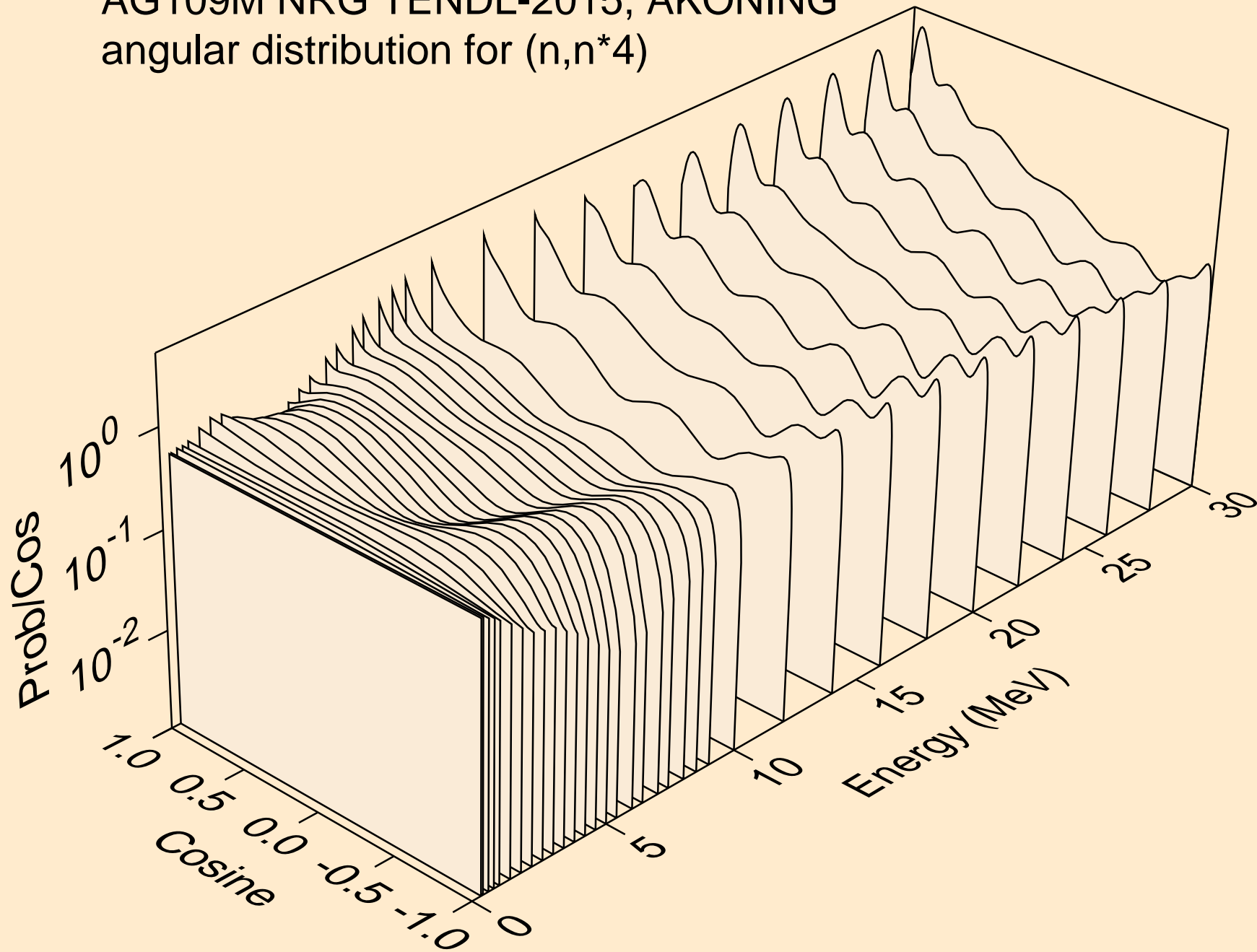
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angular distribution for (n,n\*2)



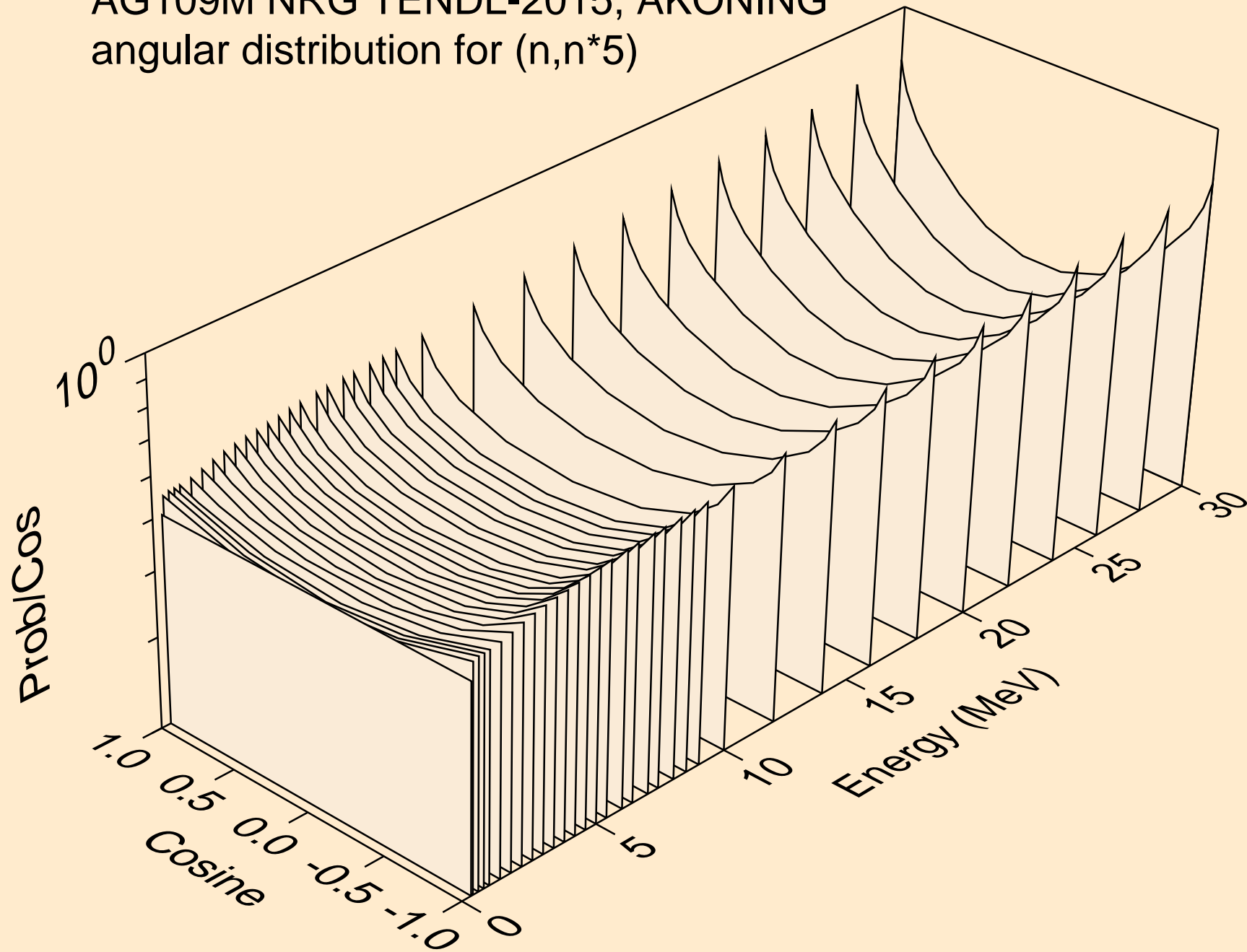
AG109M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



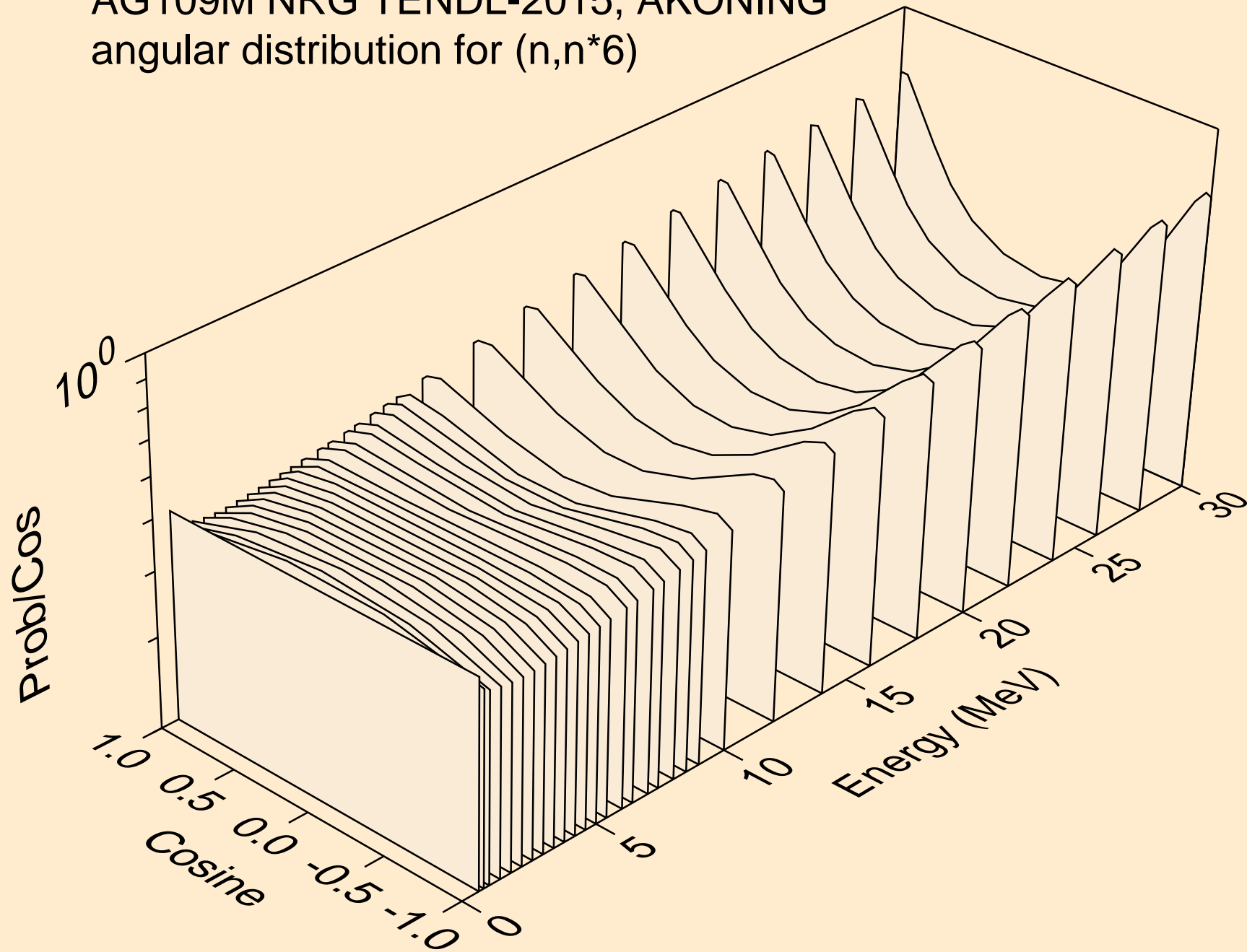
AG109M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



AG109M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

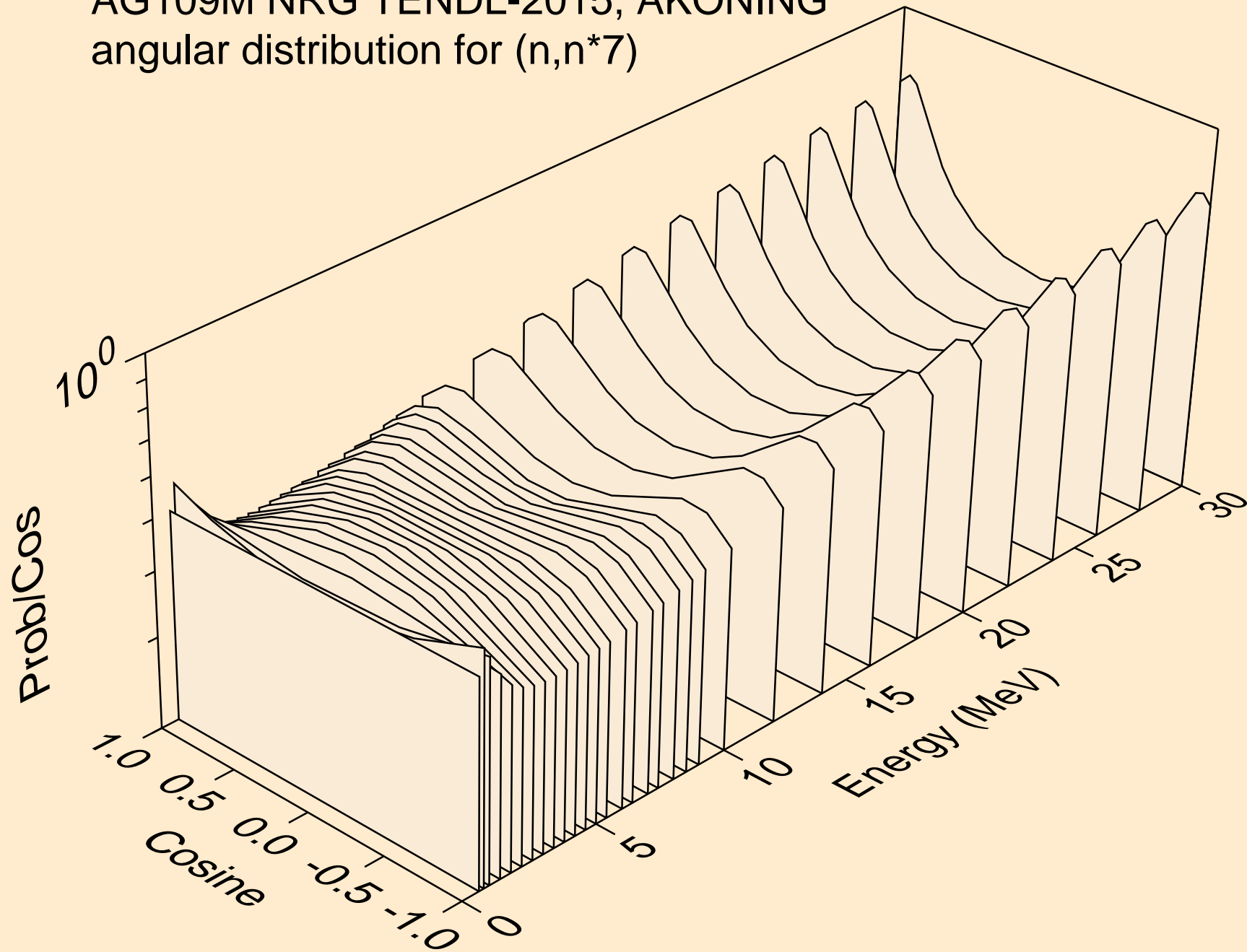


AG109M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

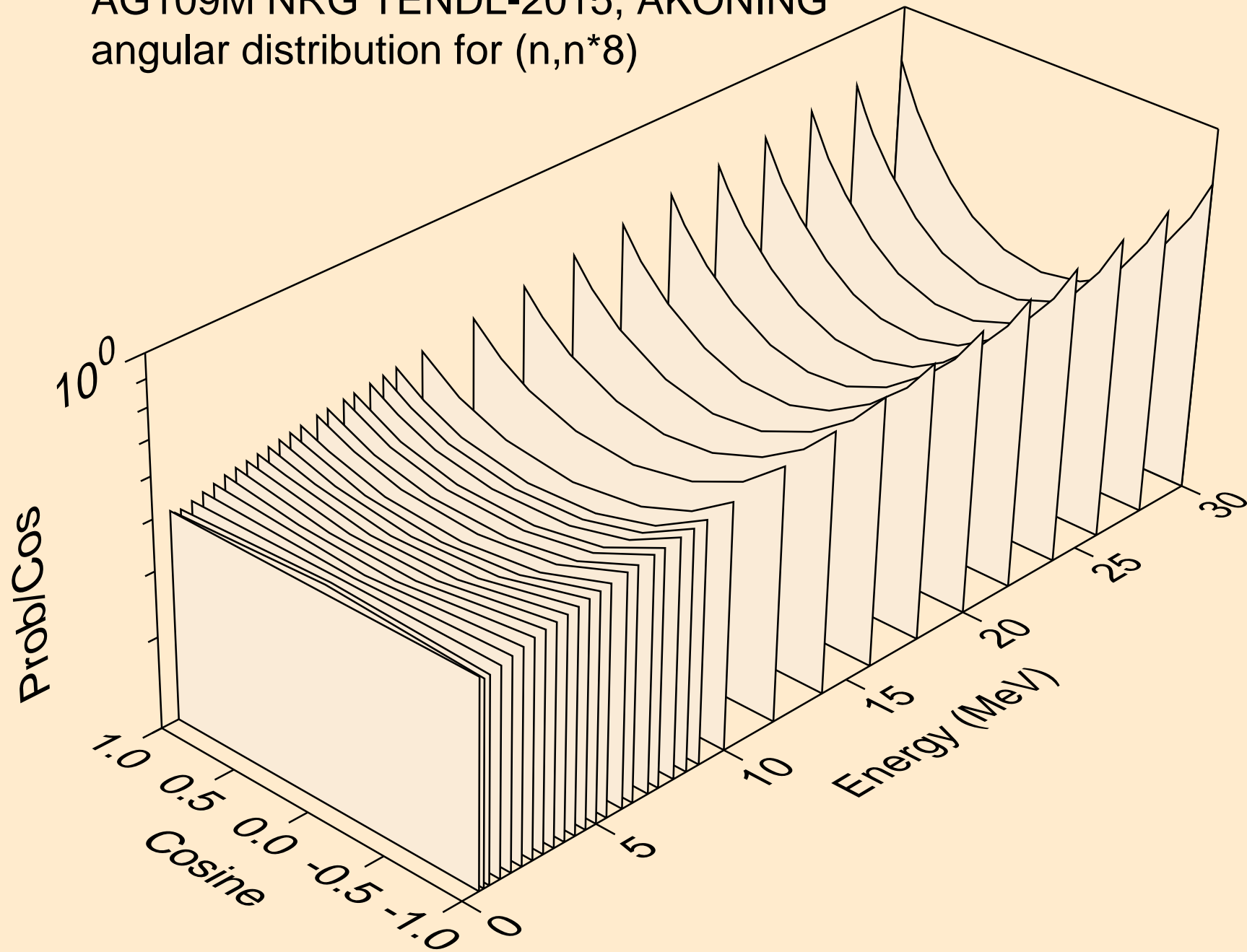




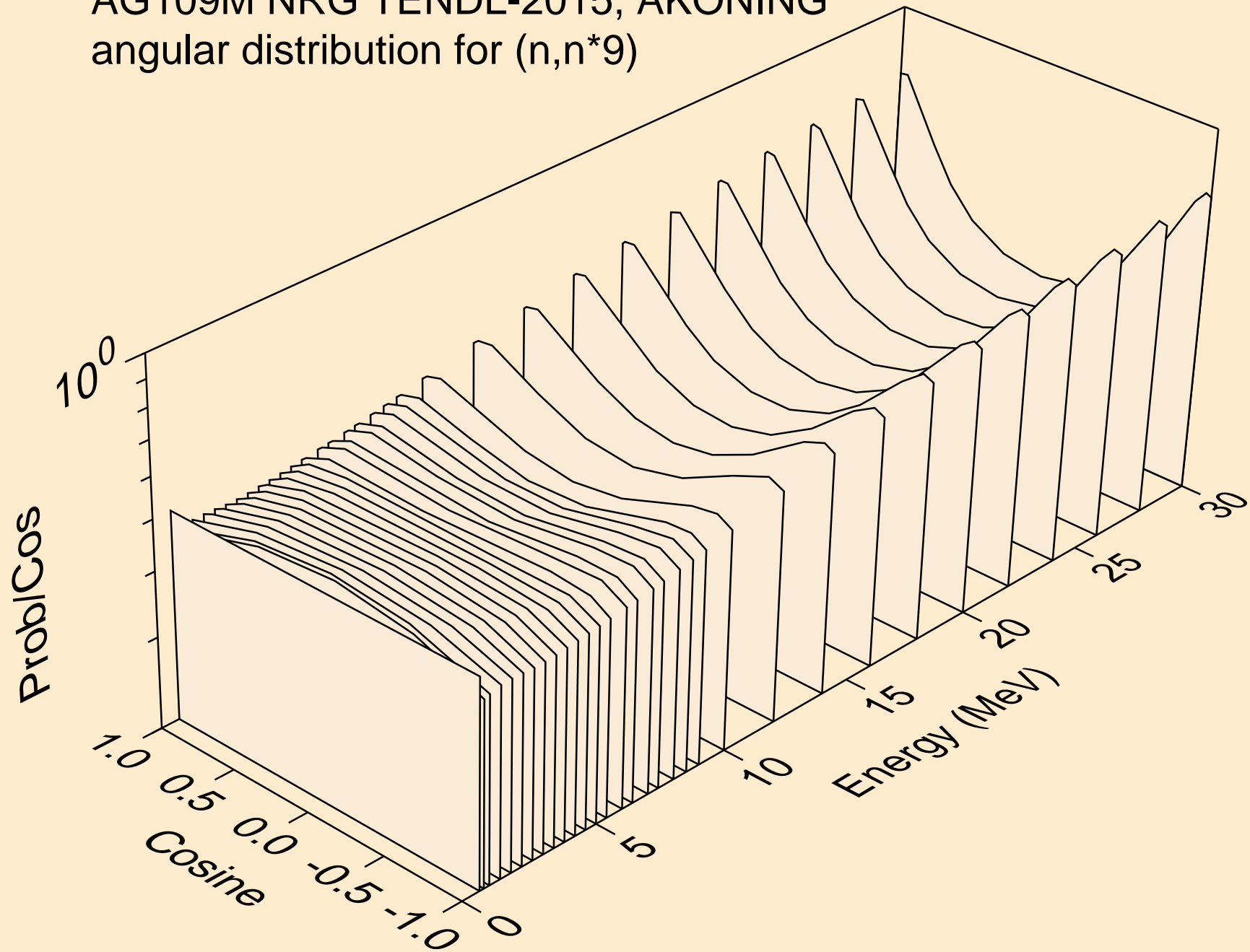
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angular distribution for (n,n\*7)



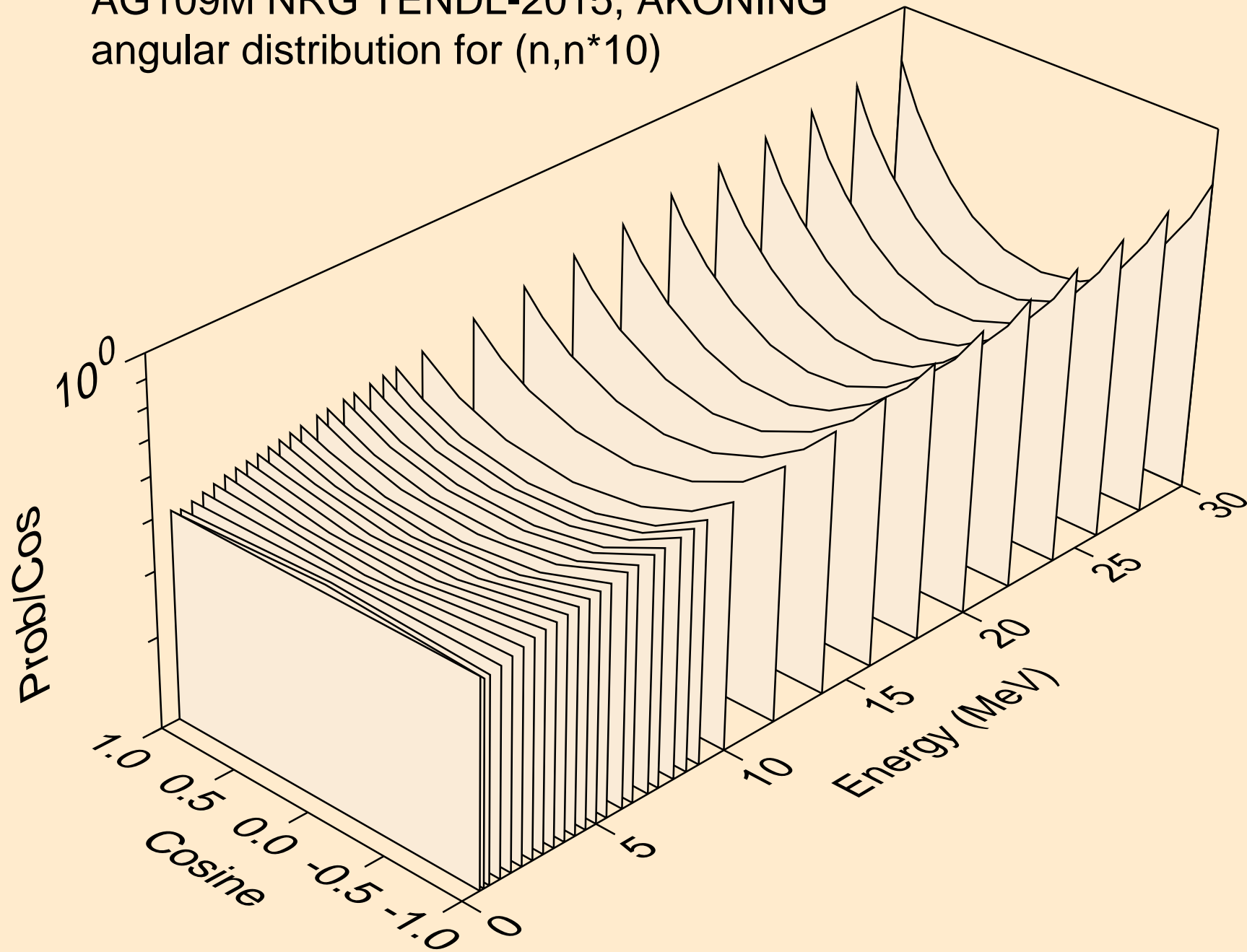
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angular distribution for (n,n\*8)



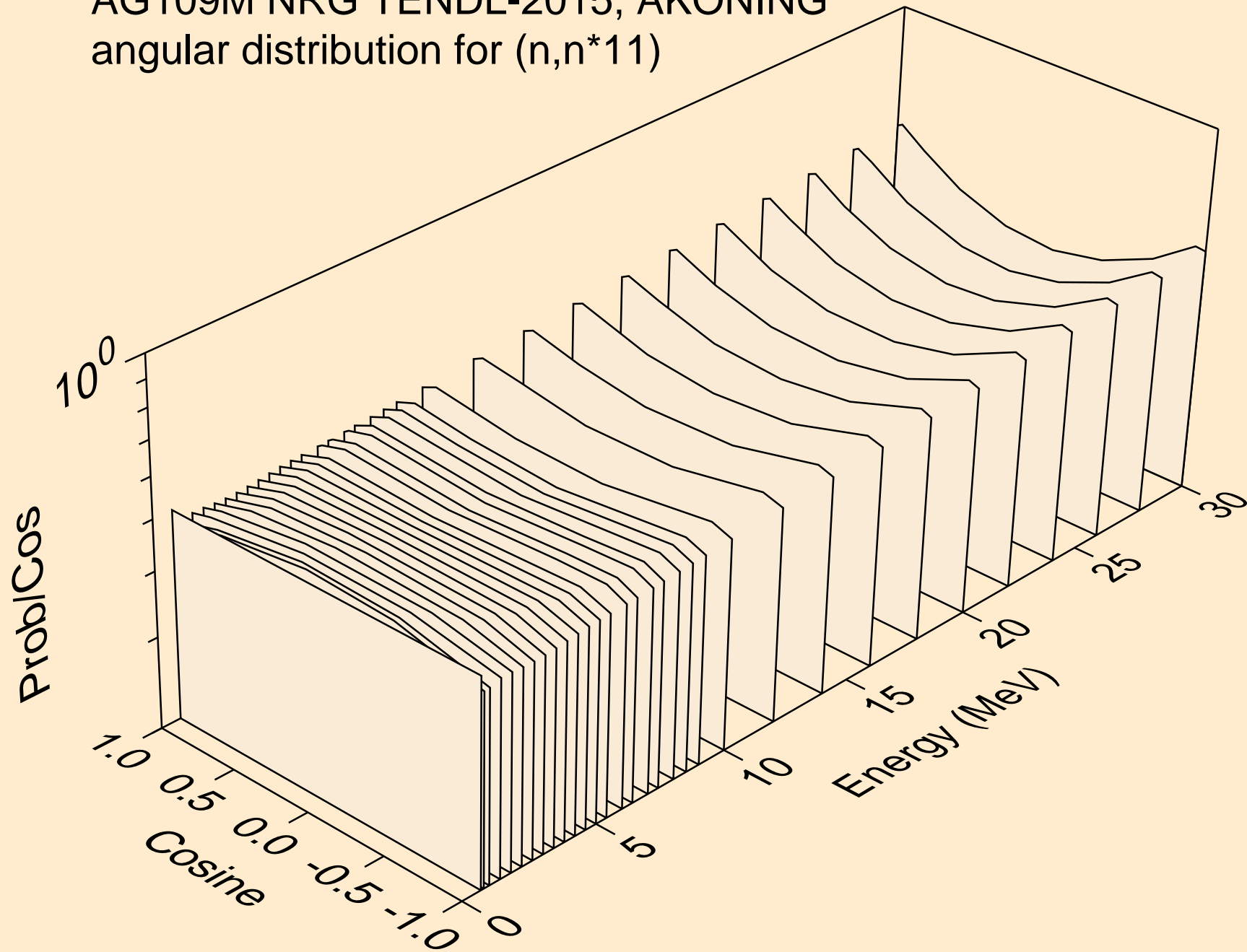
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angular distribution for (n,n\*9)



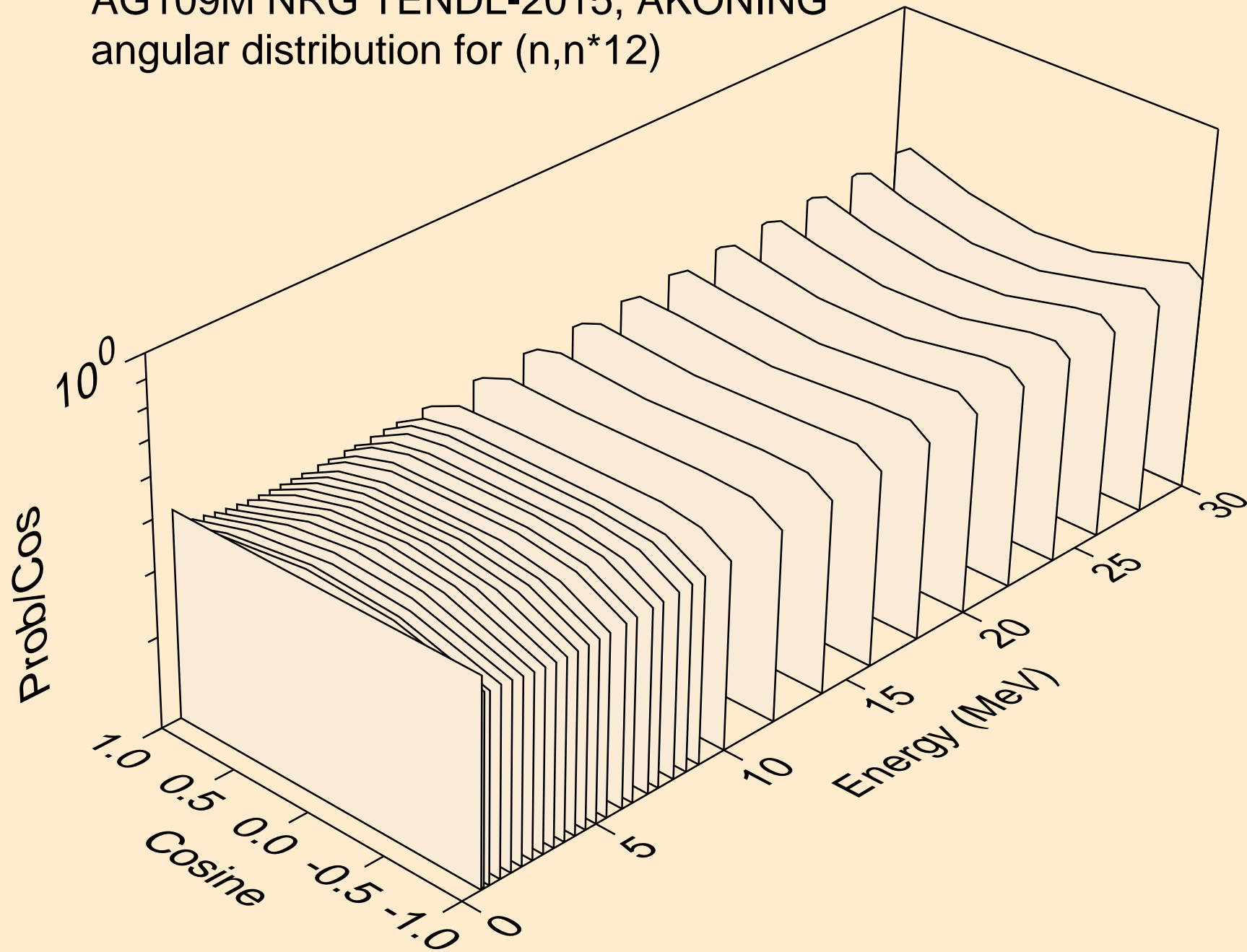
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angular distribution for (n,n\*10)



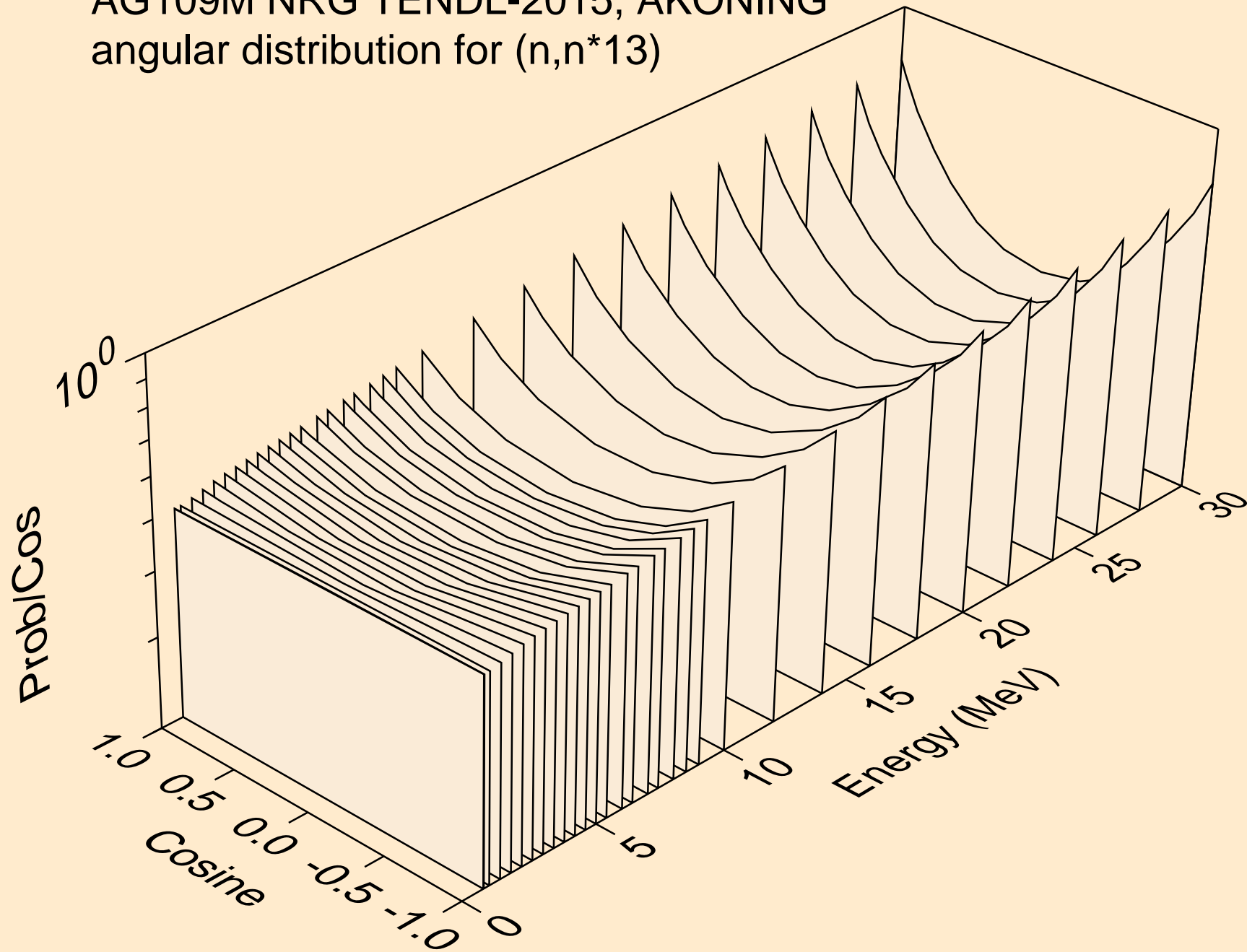
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angular distribution for (n,n\*11)



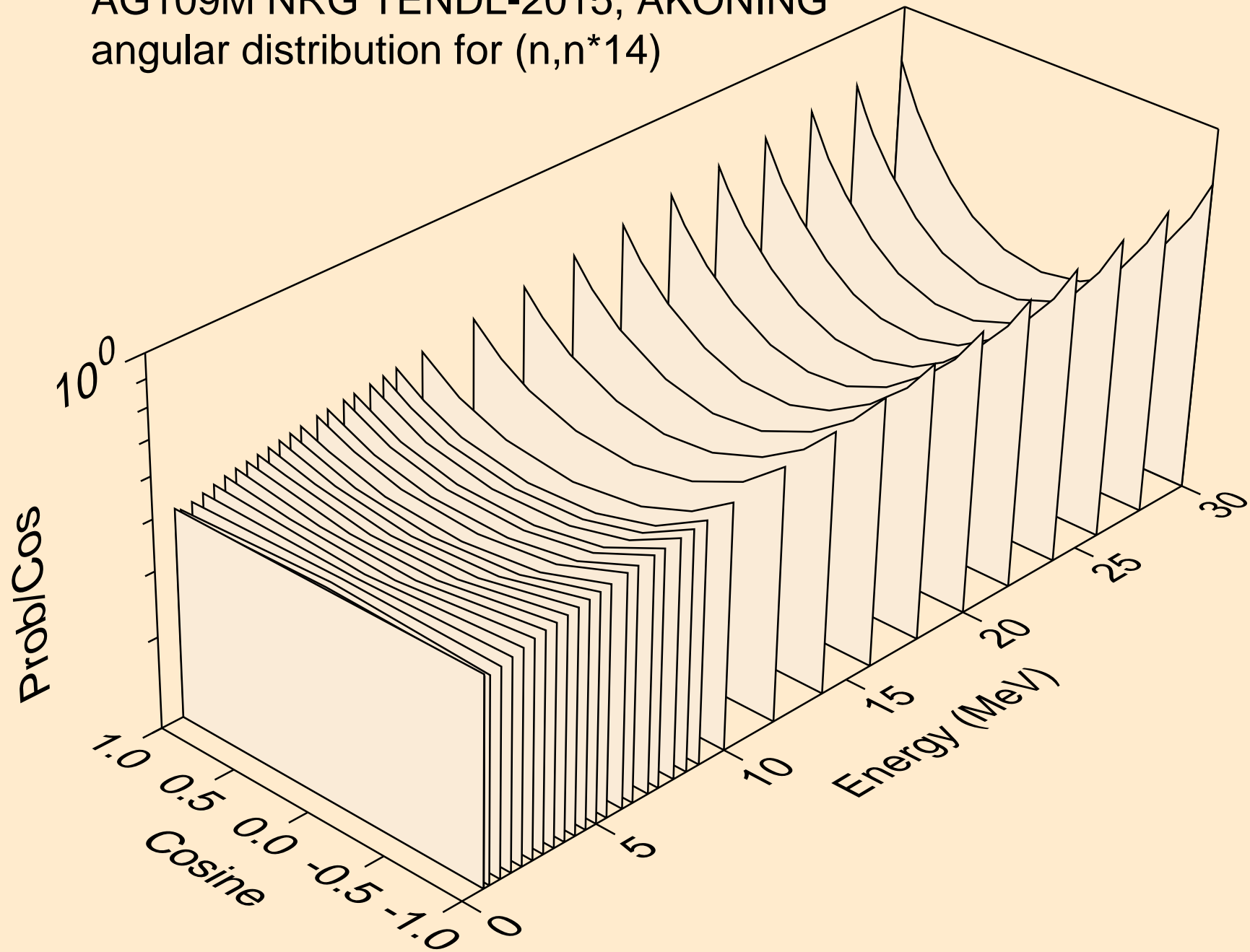
AG109M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



AG109M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

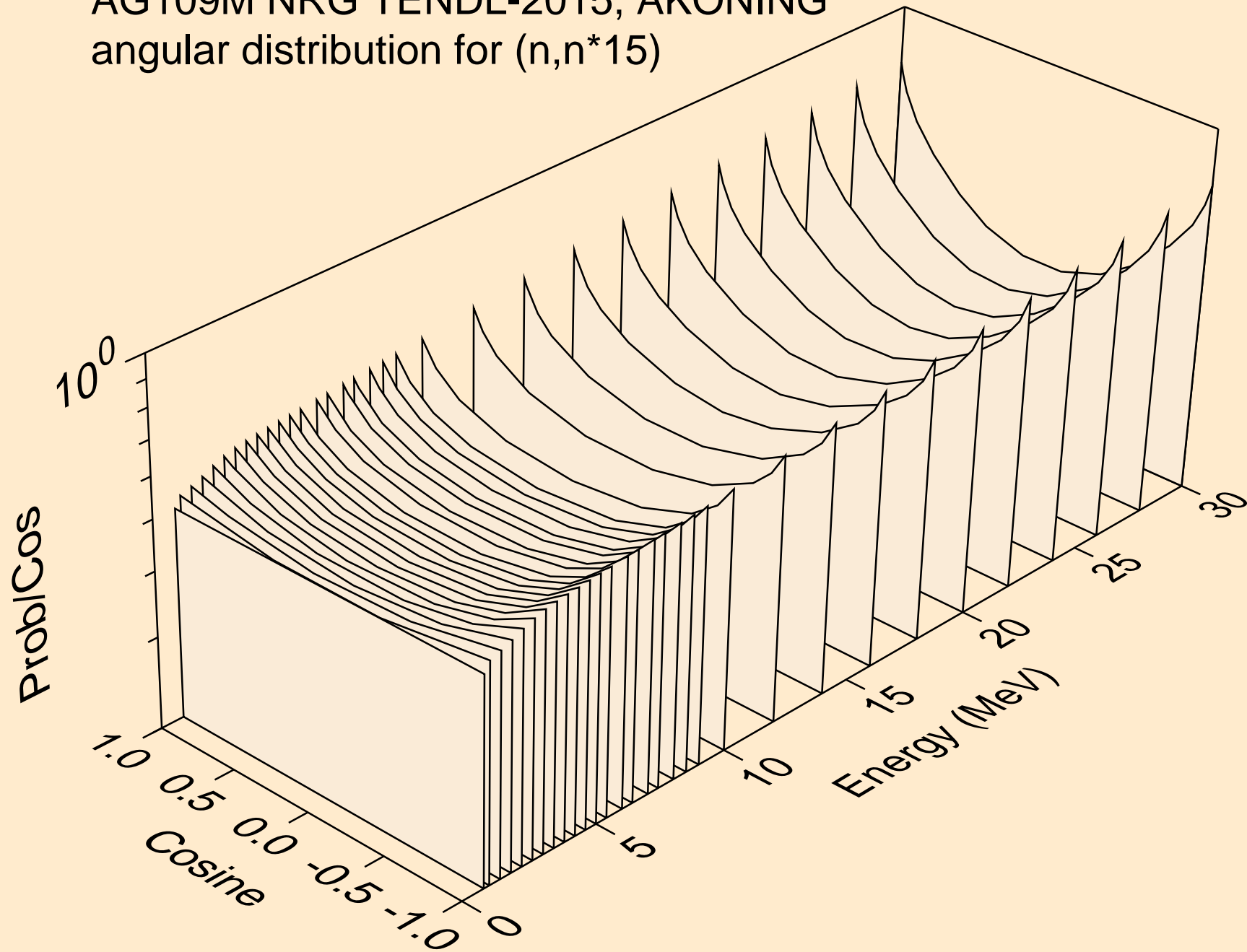


AG109M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

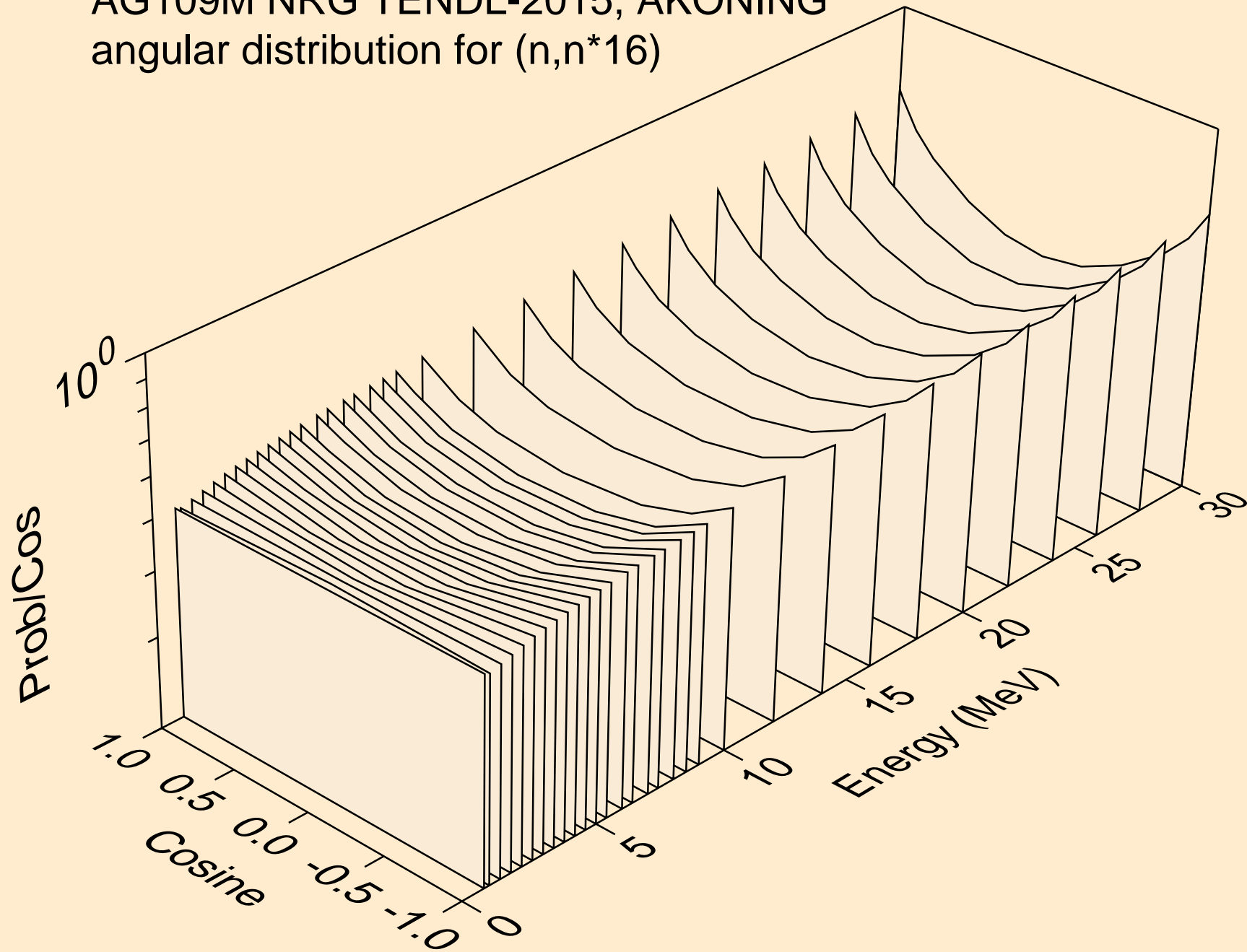




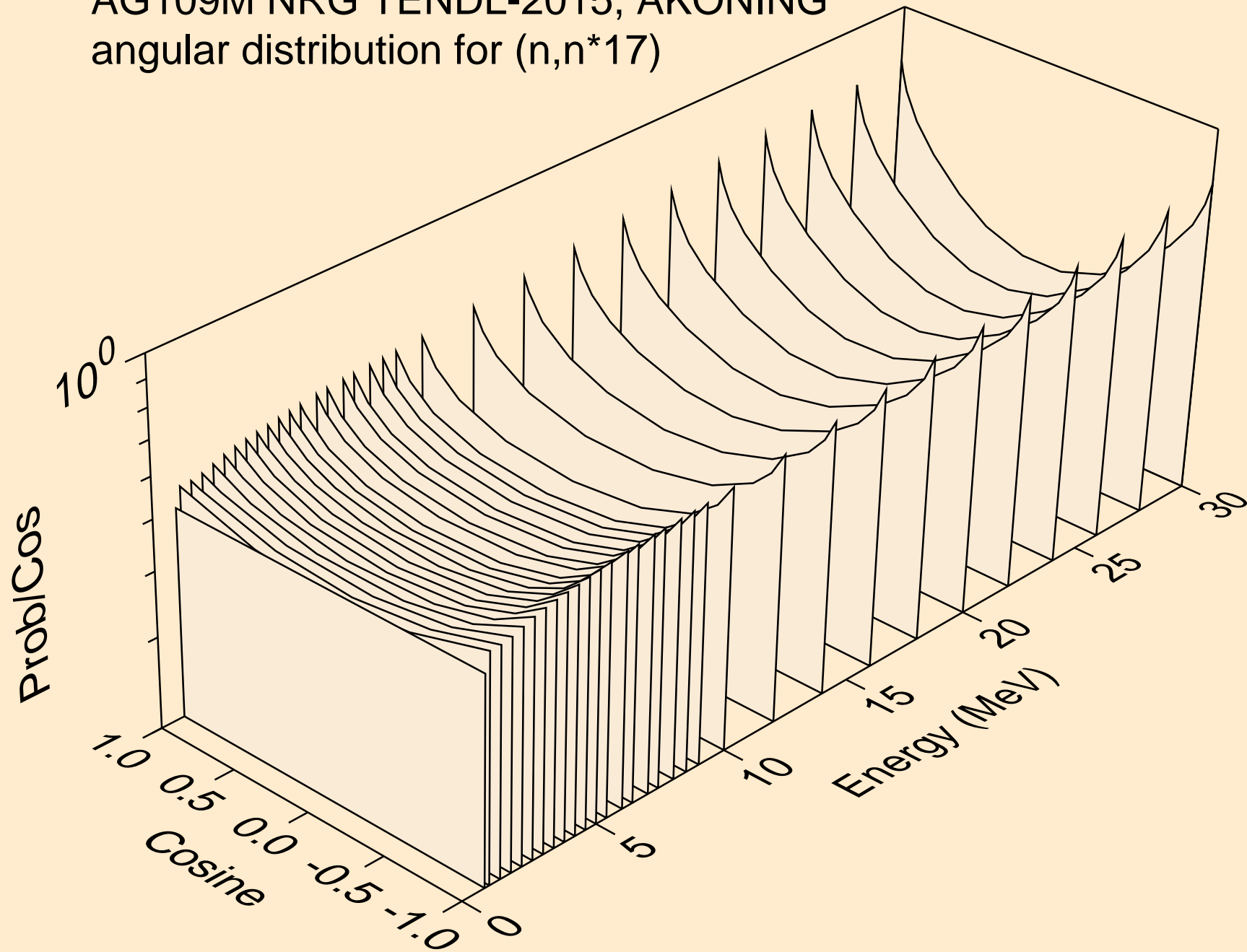
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angular distribution for (n,n\*15)



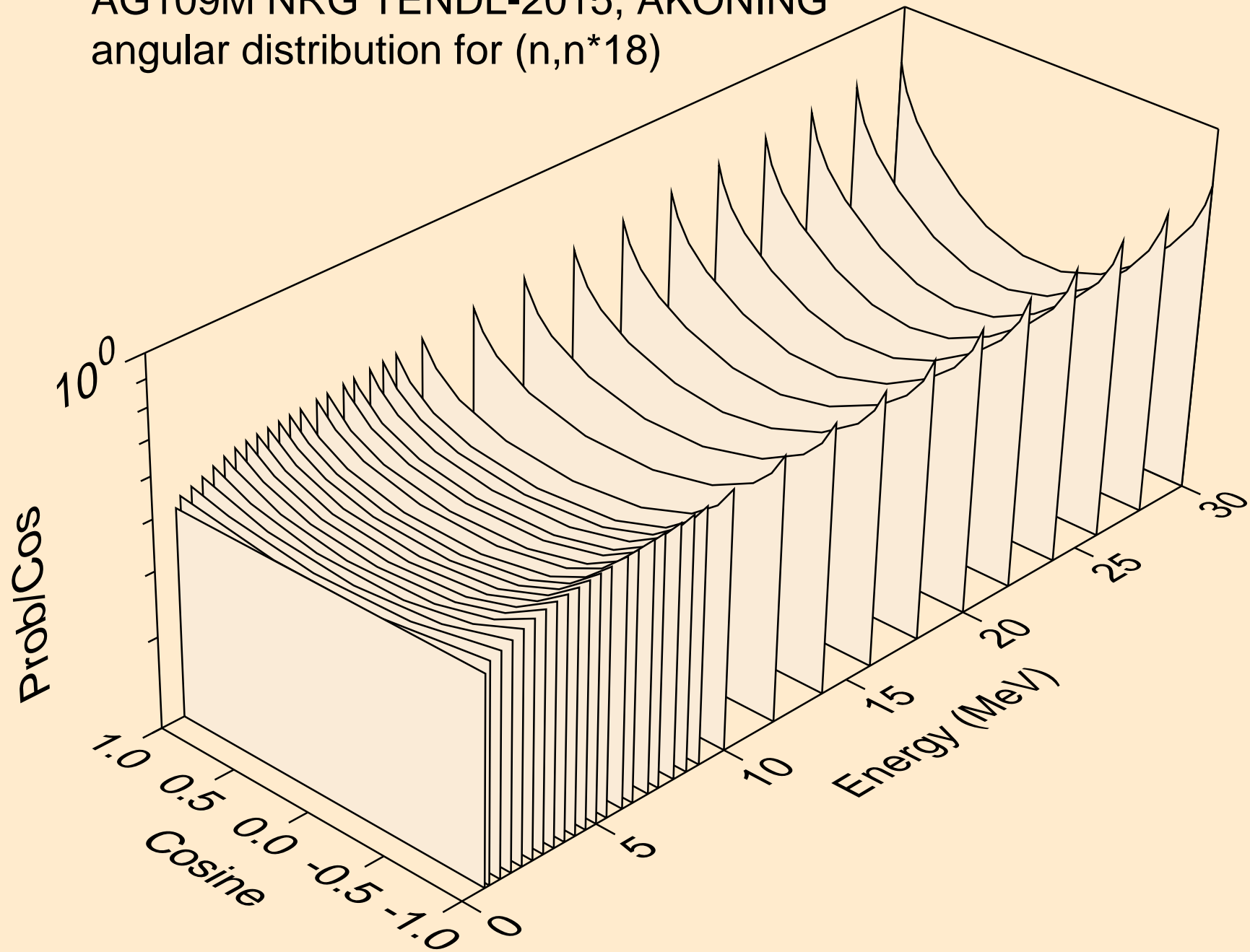
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angular distribution for (n,n\*16)



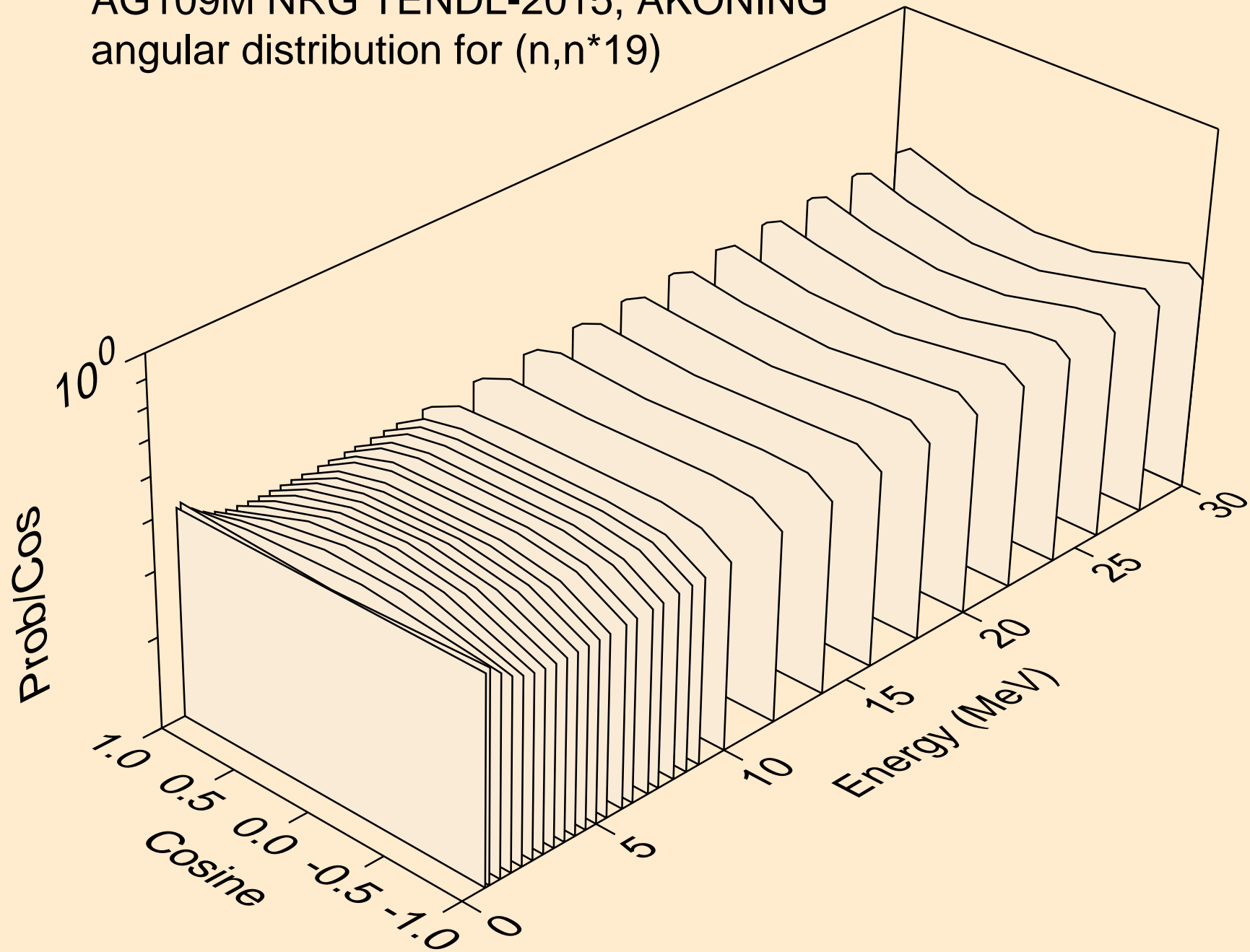
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angular distribution for (n,n\*17)



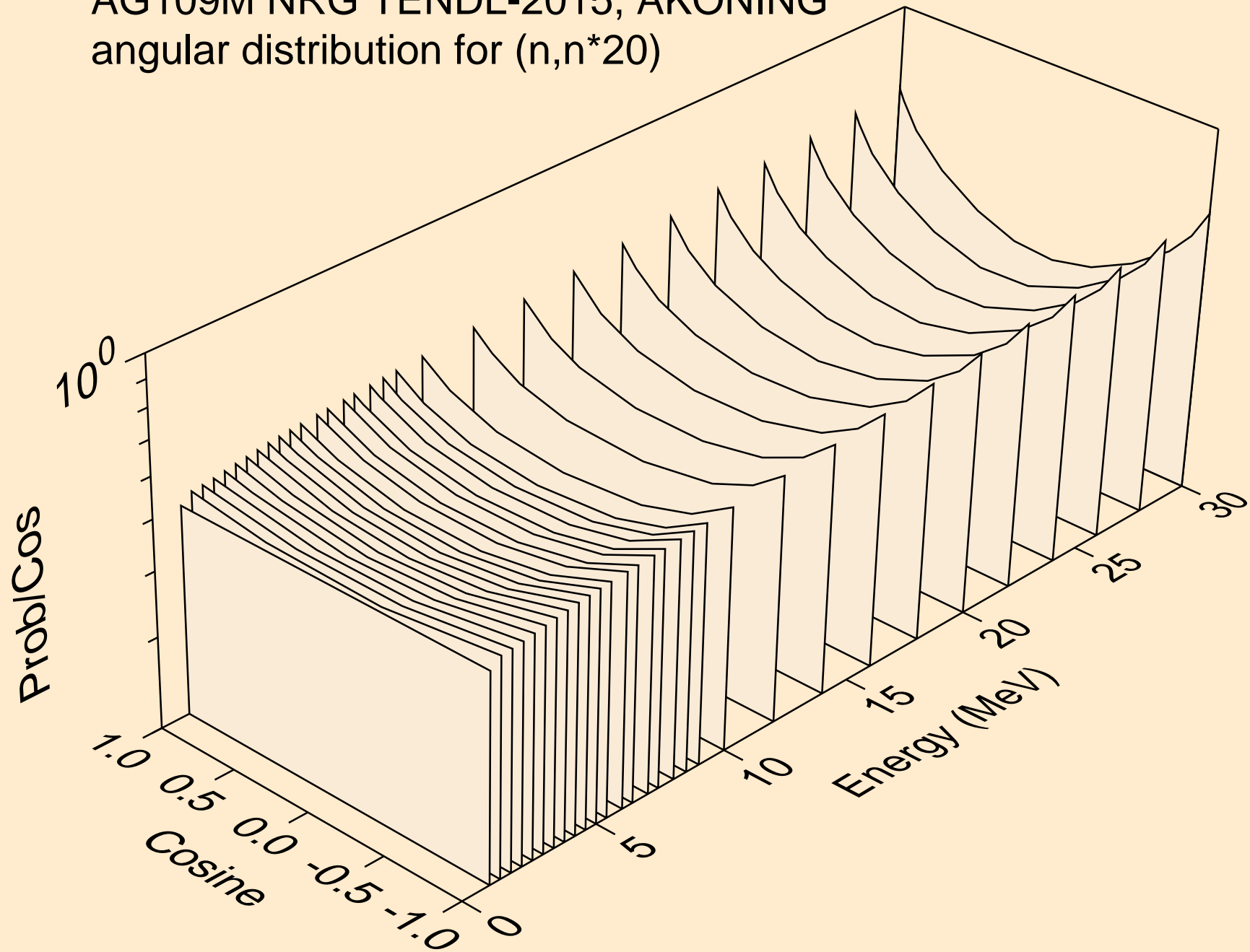
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angular distribution for (n,n\*18)



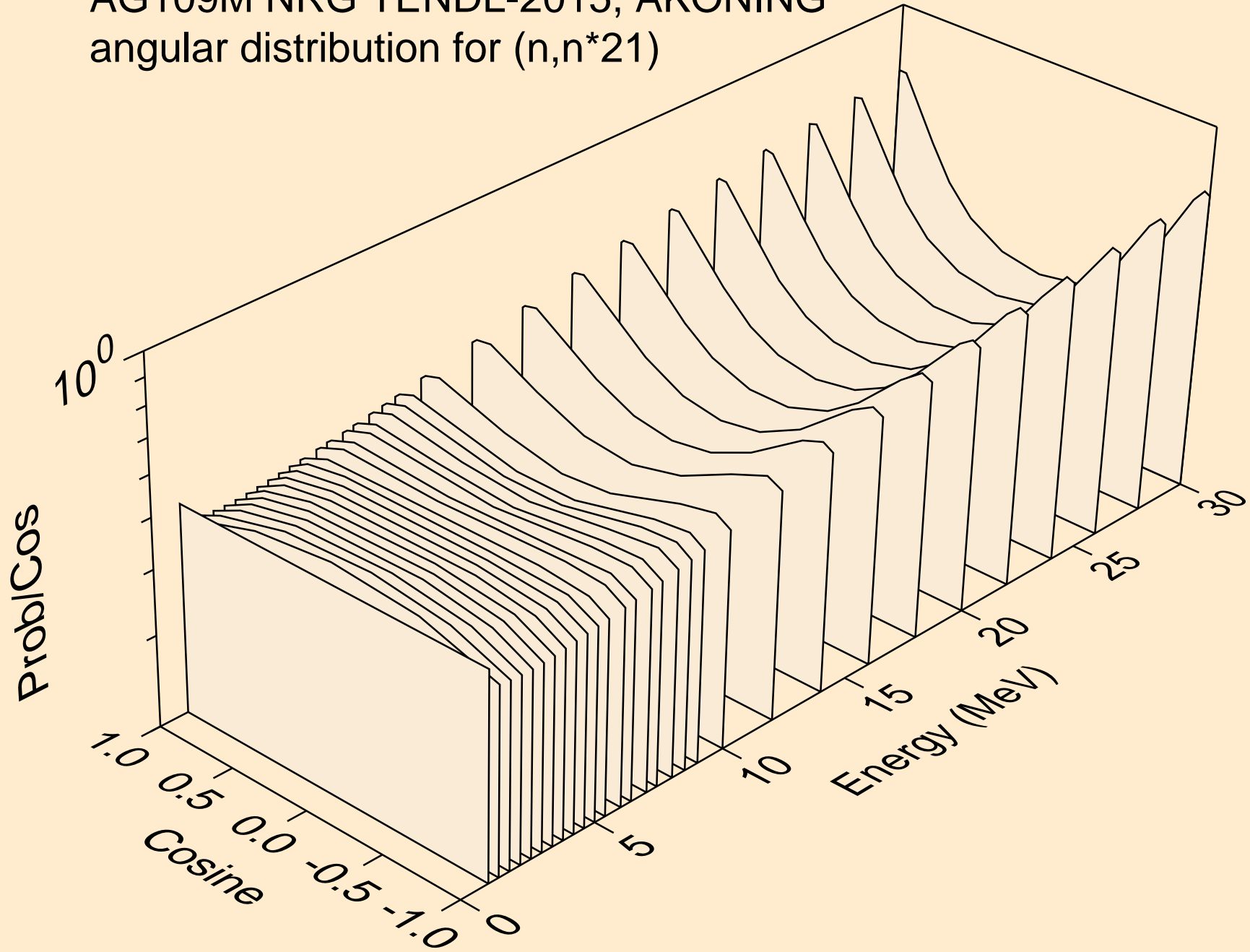
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angular distribution for (n,n\*19)



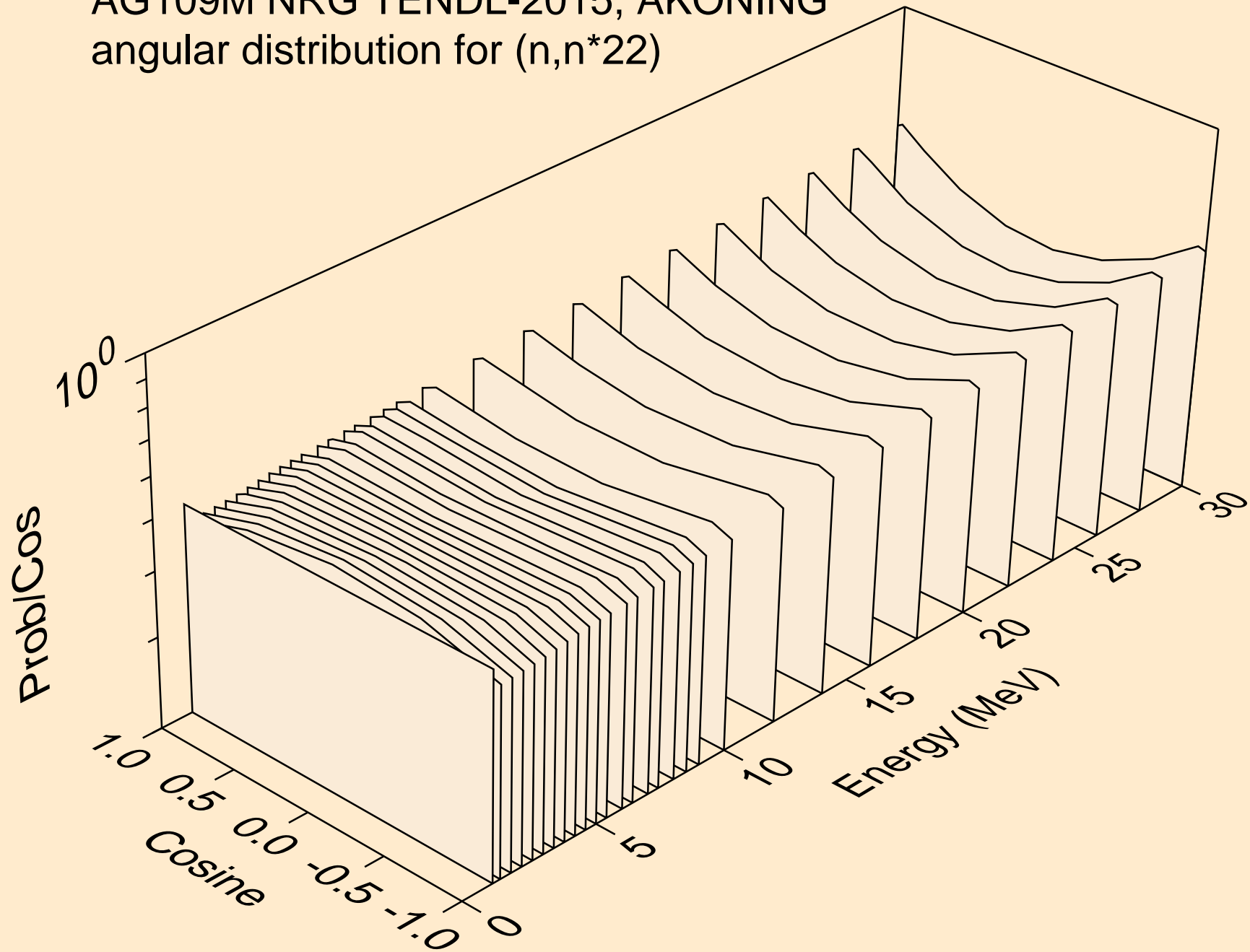
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angular distribution for (n,n\*20)



AG109M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

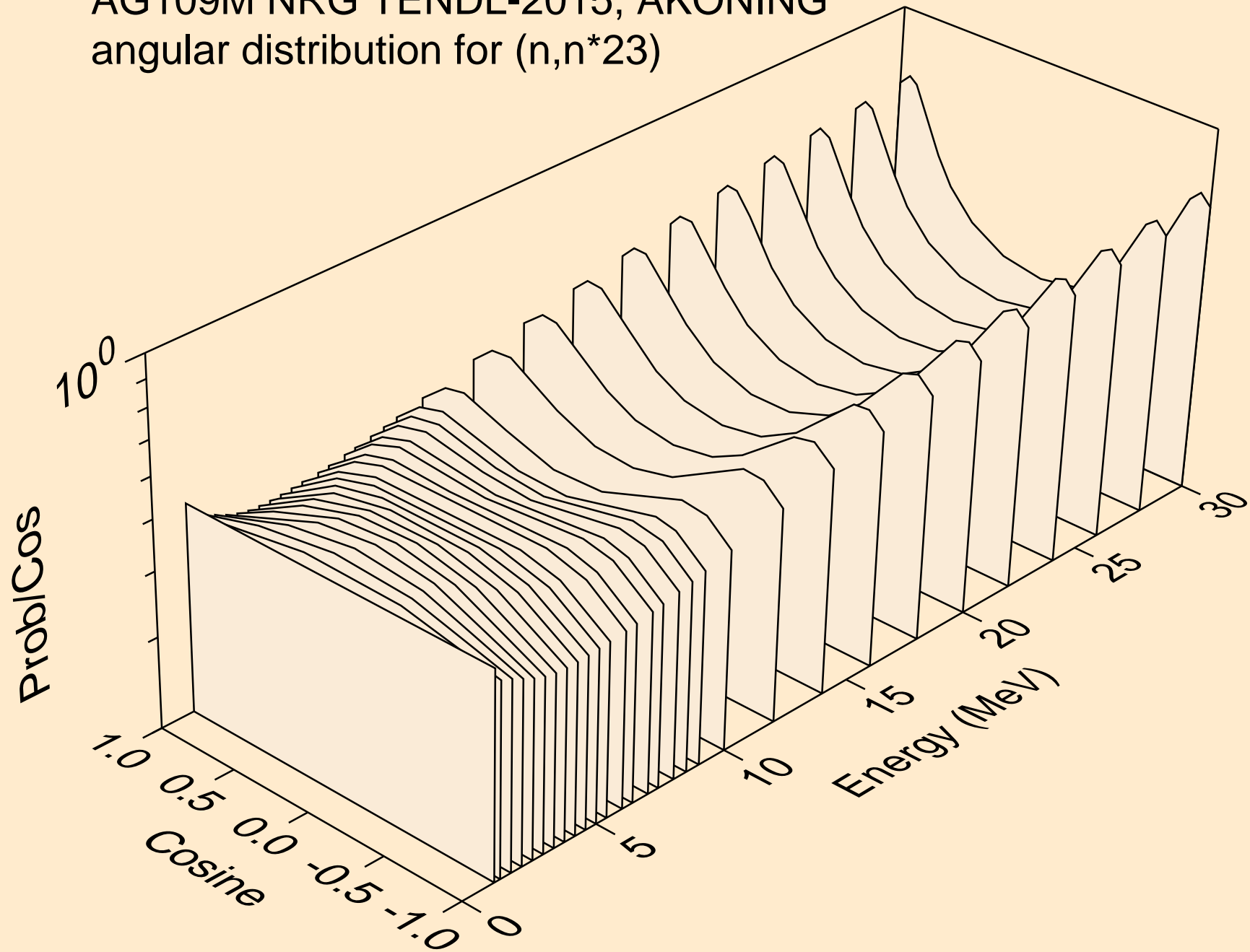


AG109M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

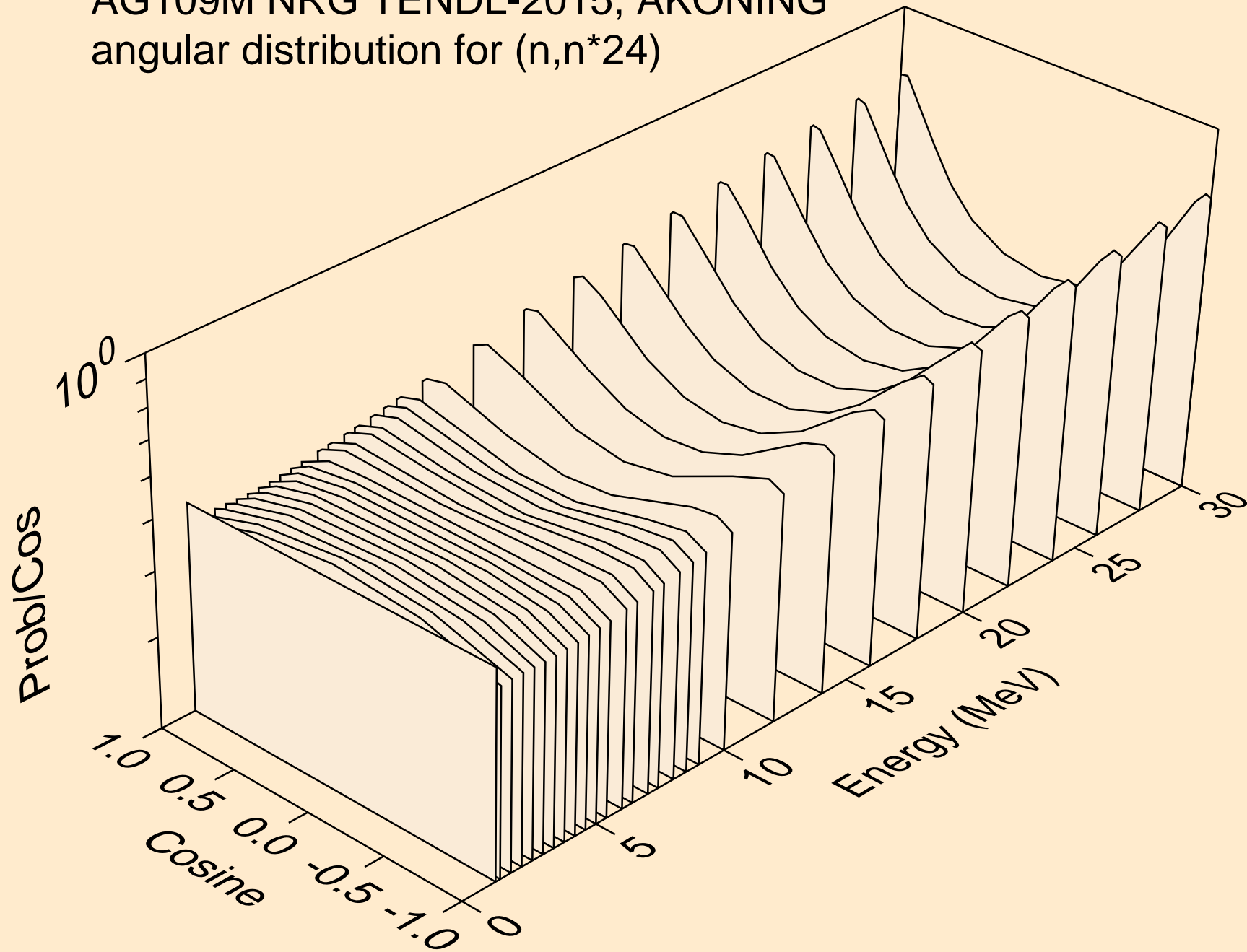




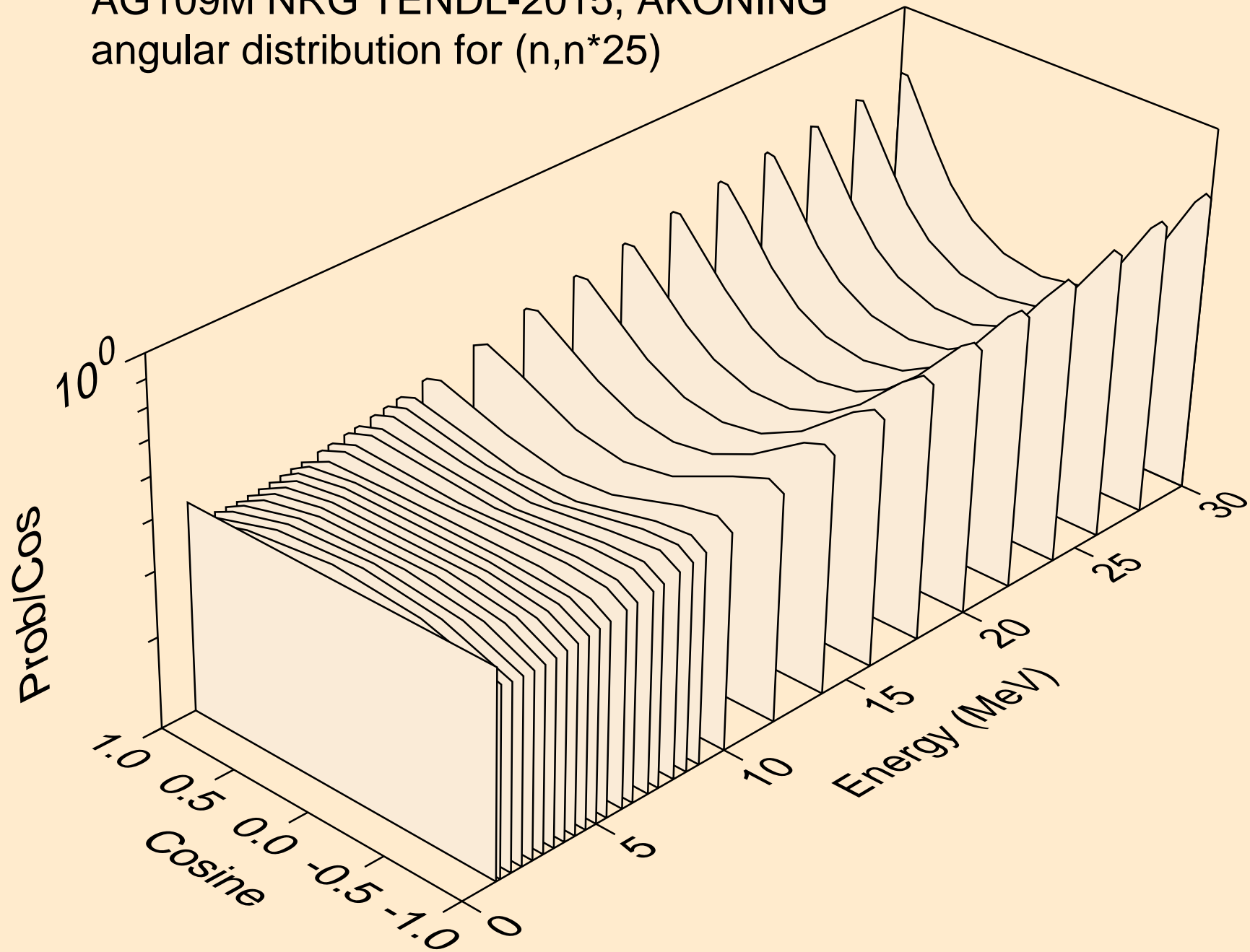
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angular distribution for (n,n\*23)



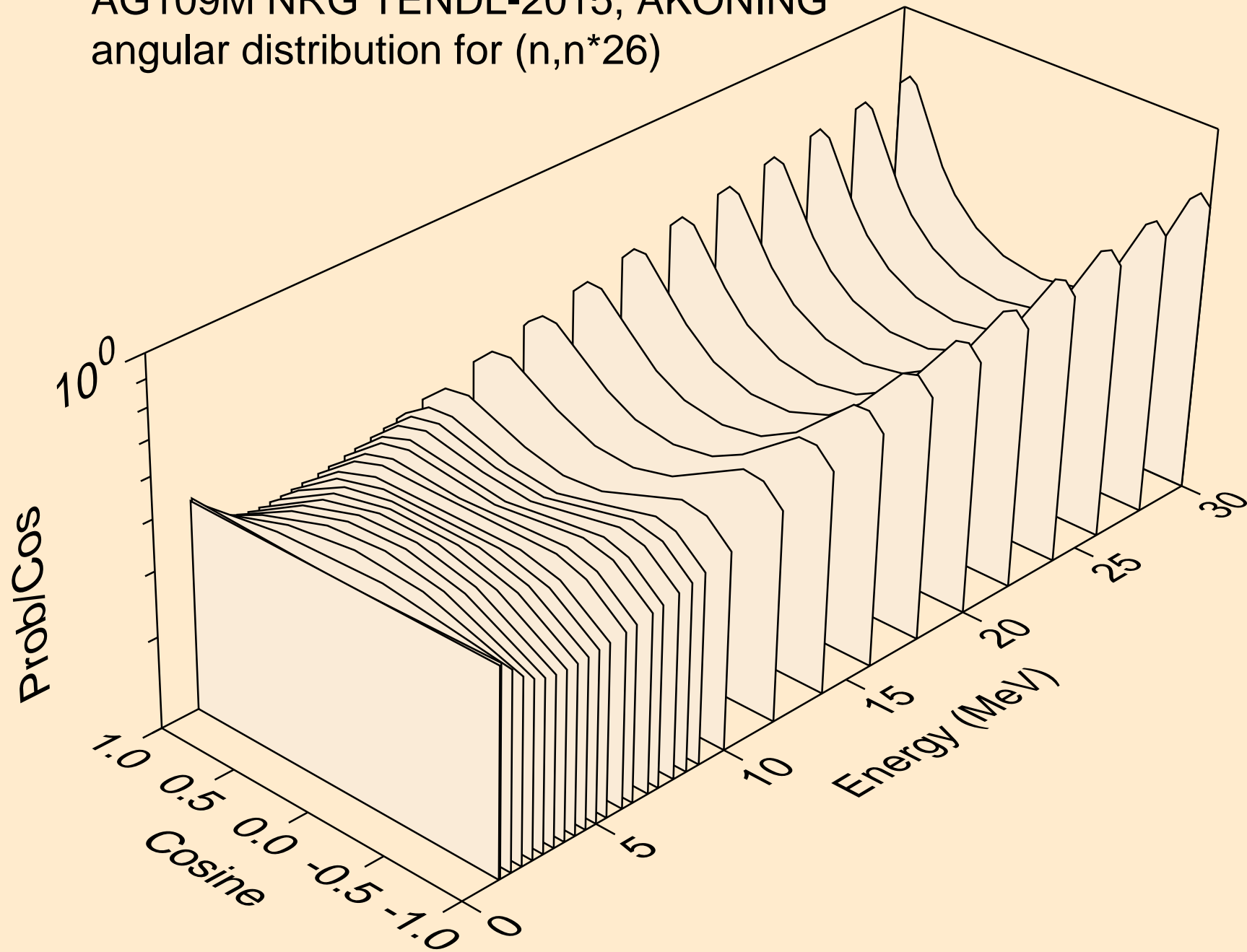
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angular distribution for (n,n\*24)



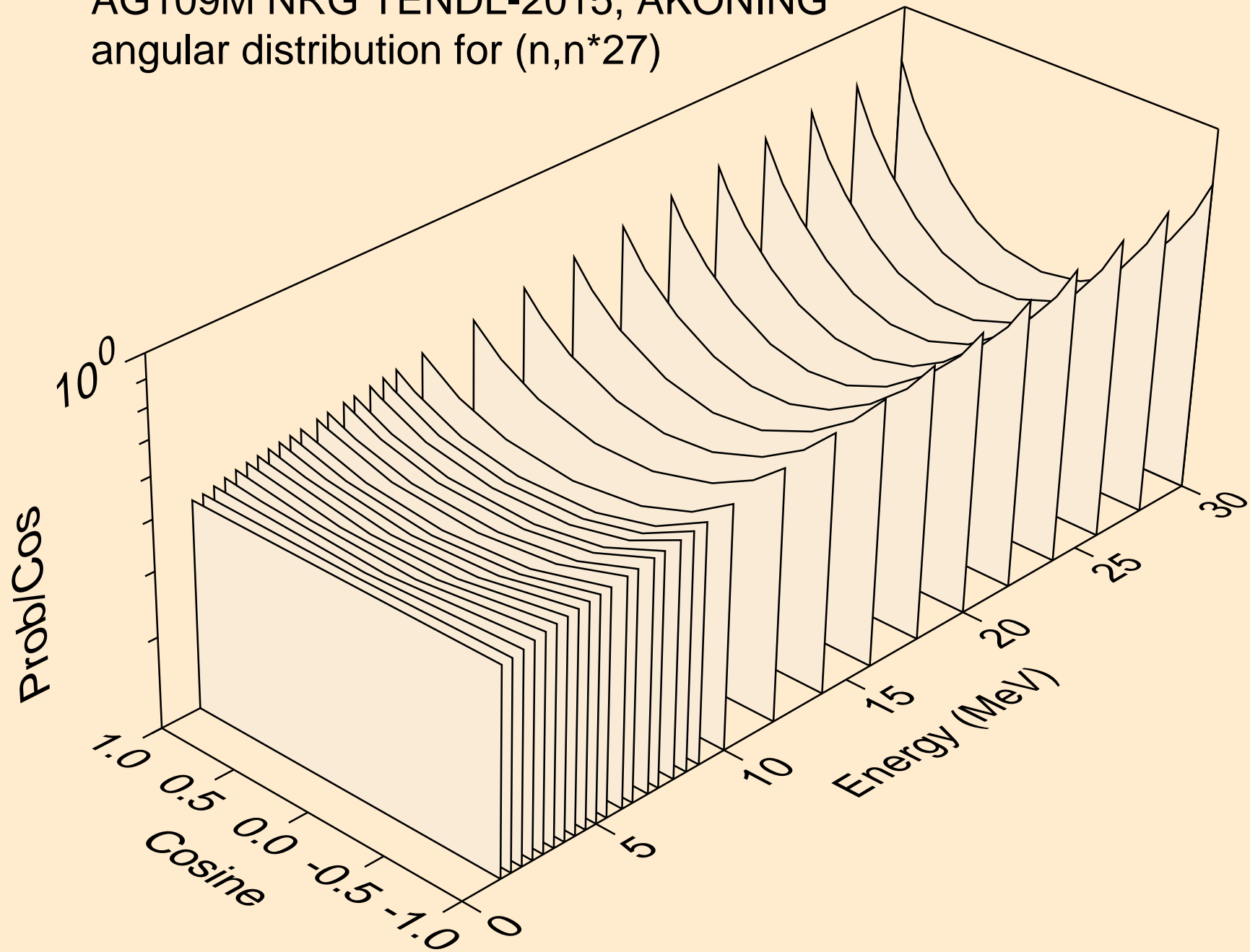
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angular distribution for (n,n\*25)



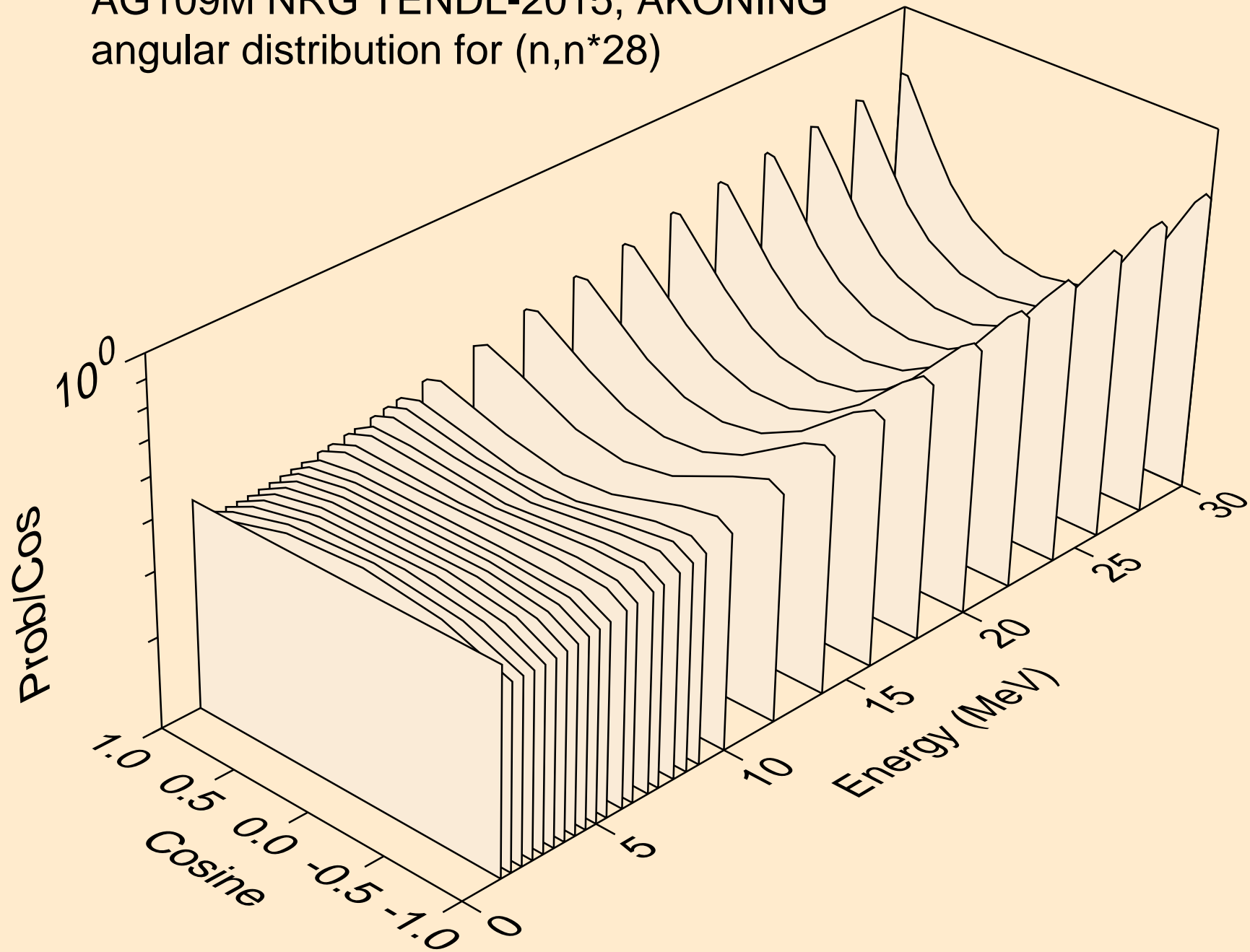
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angular distribution for (n,n\*26)



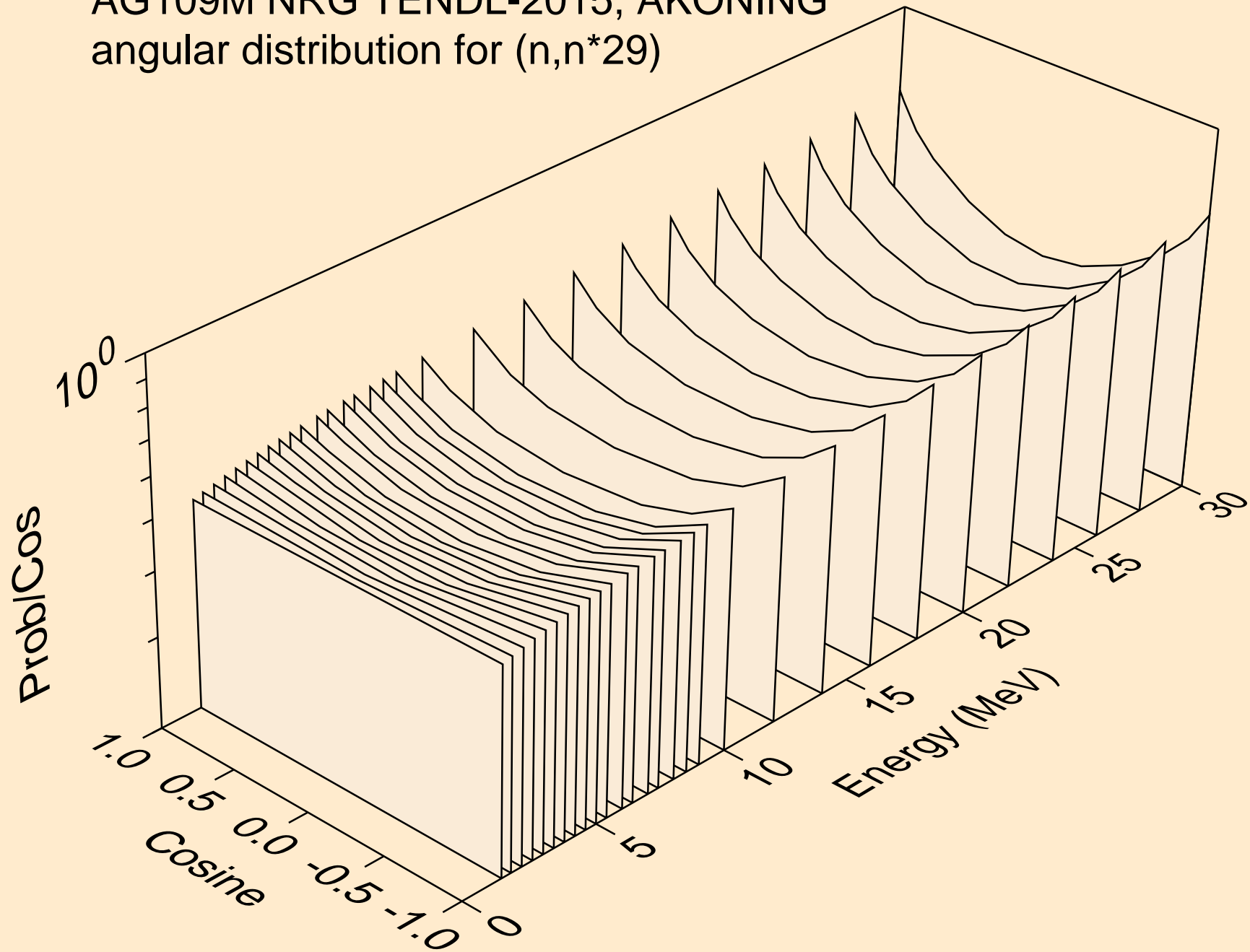
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angular distribution for (n,n\*27)



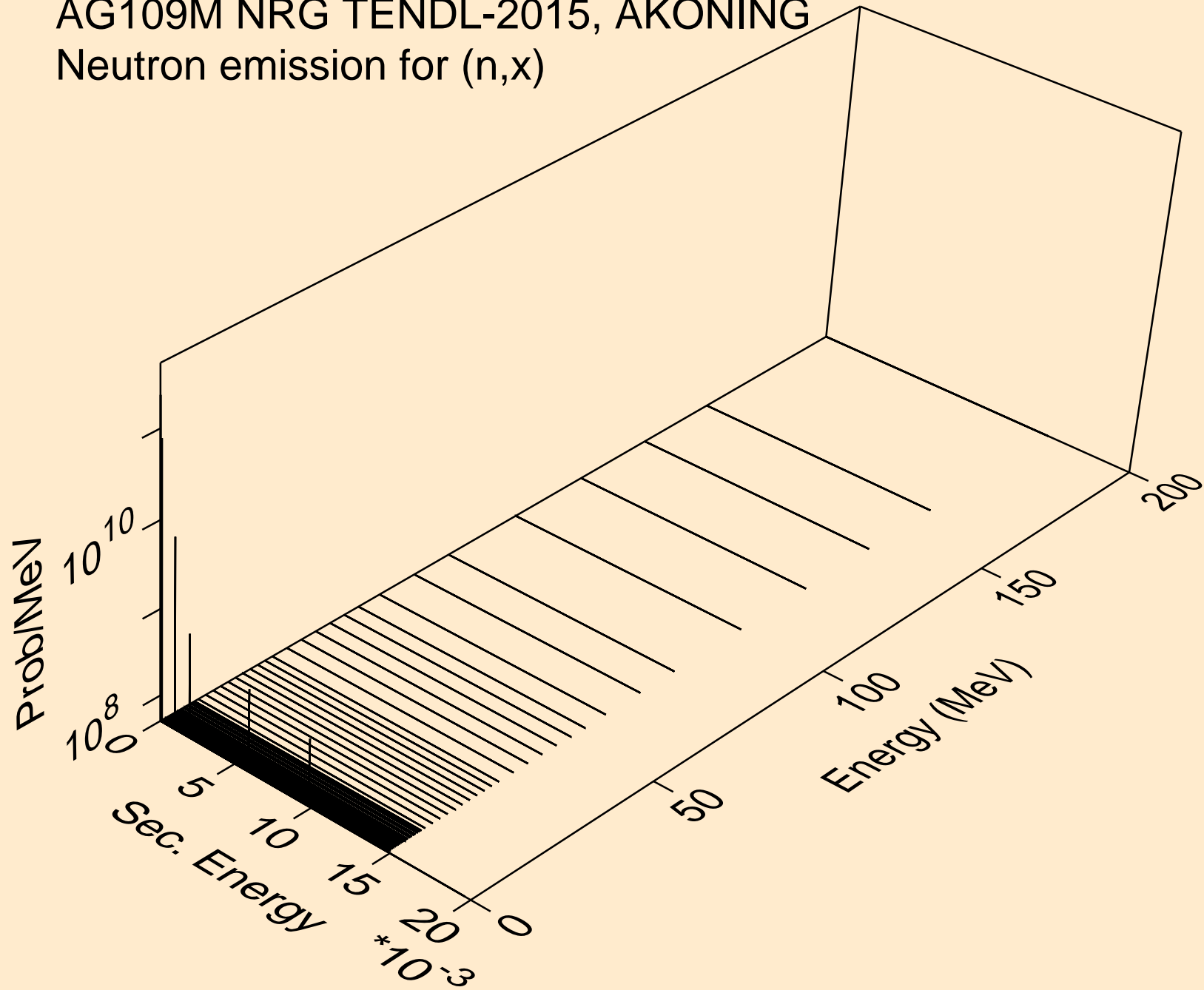
AG109M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



AG109M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

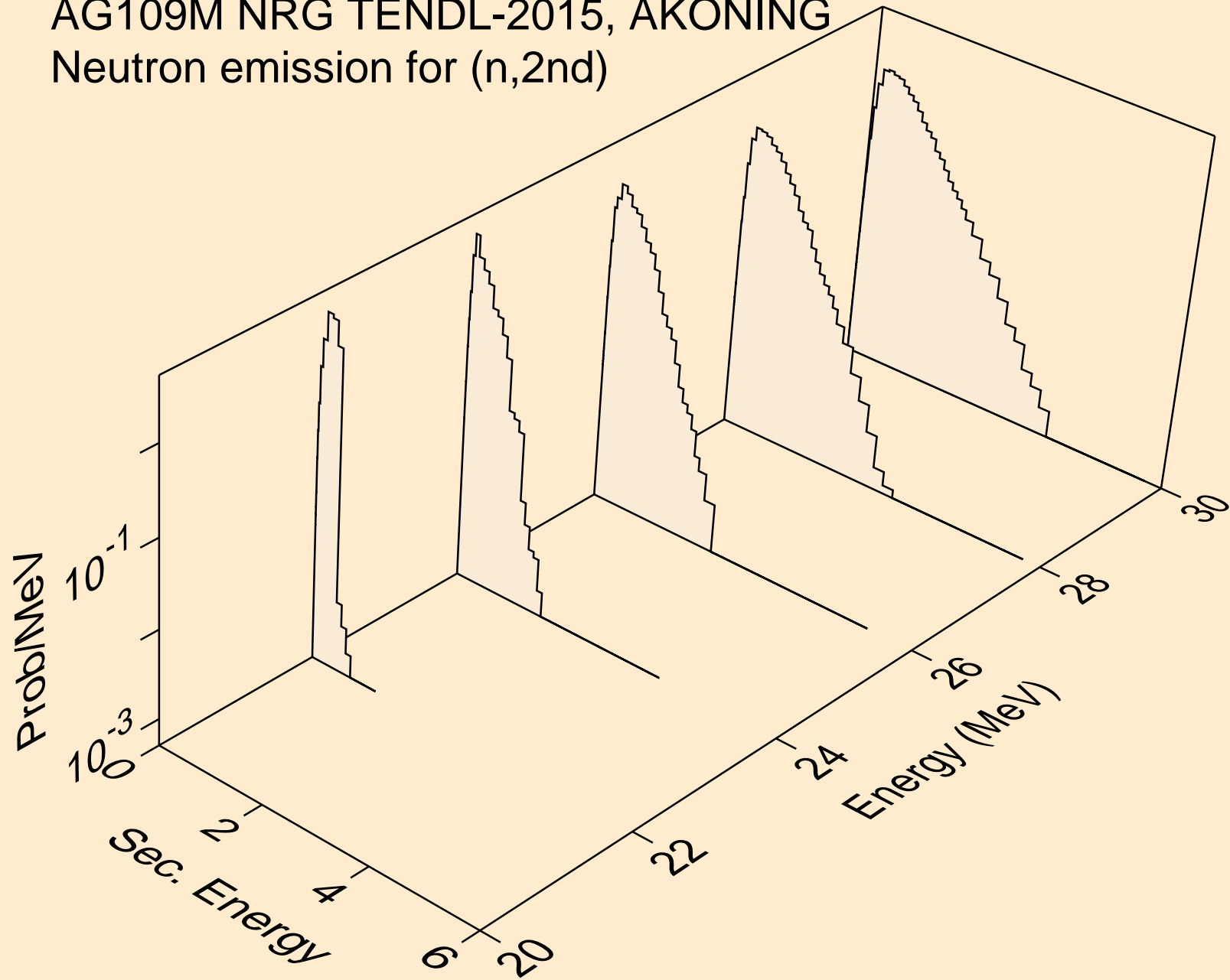


AG109M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

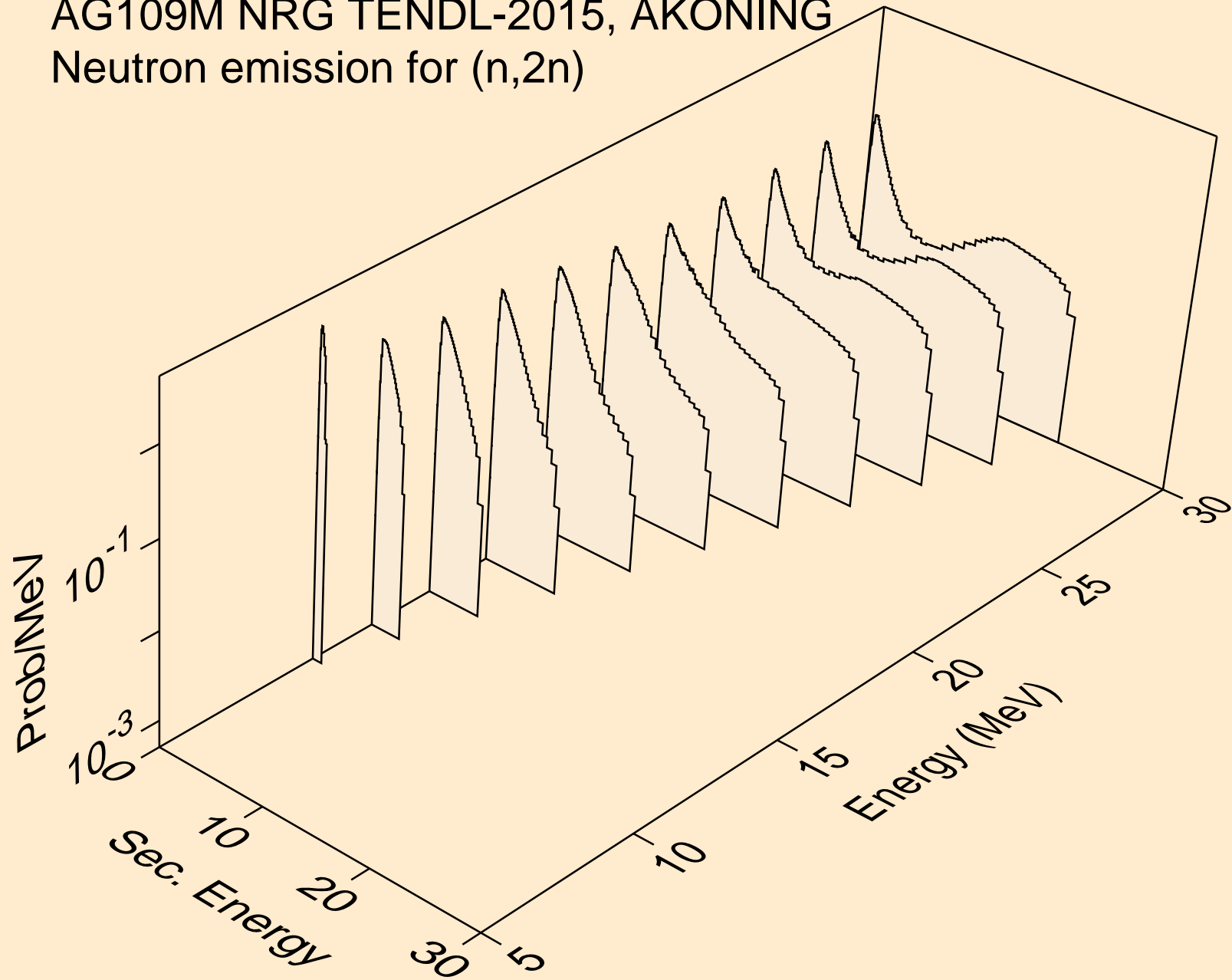




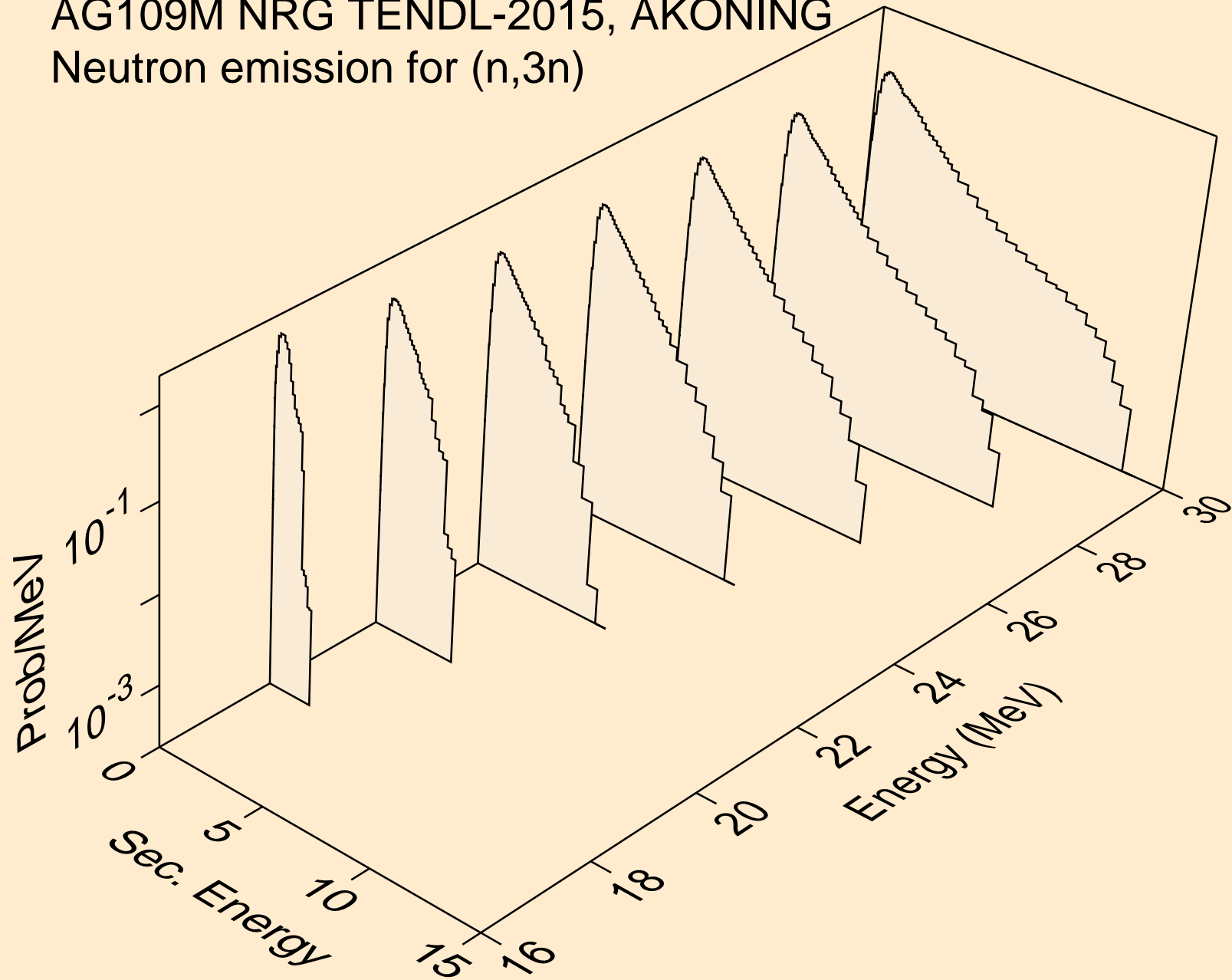
AG109M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



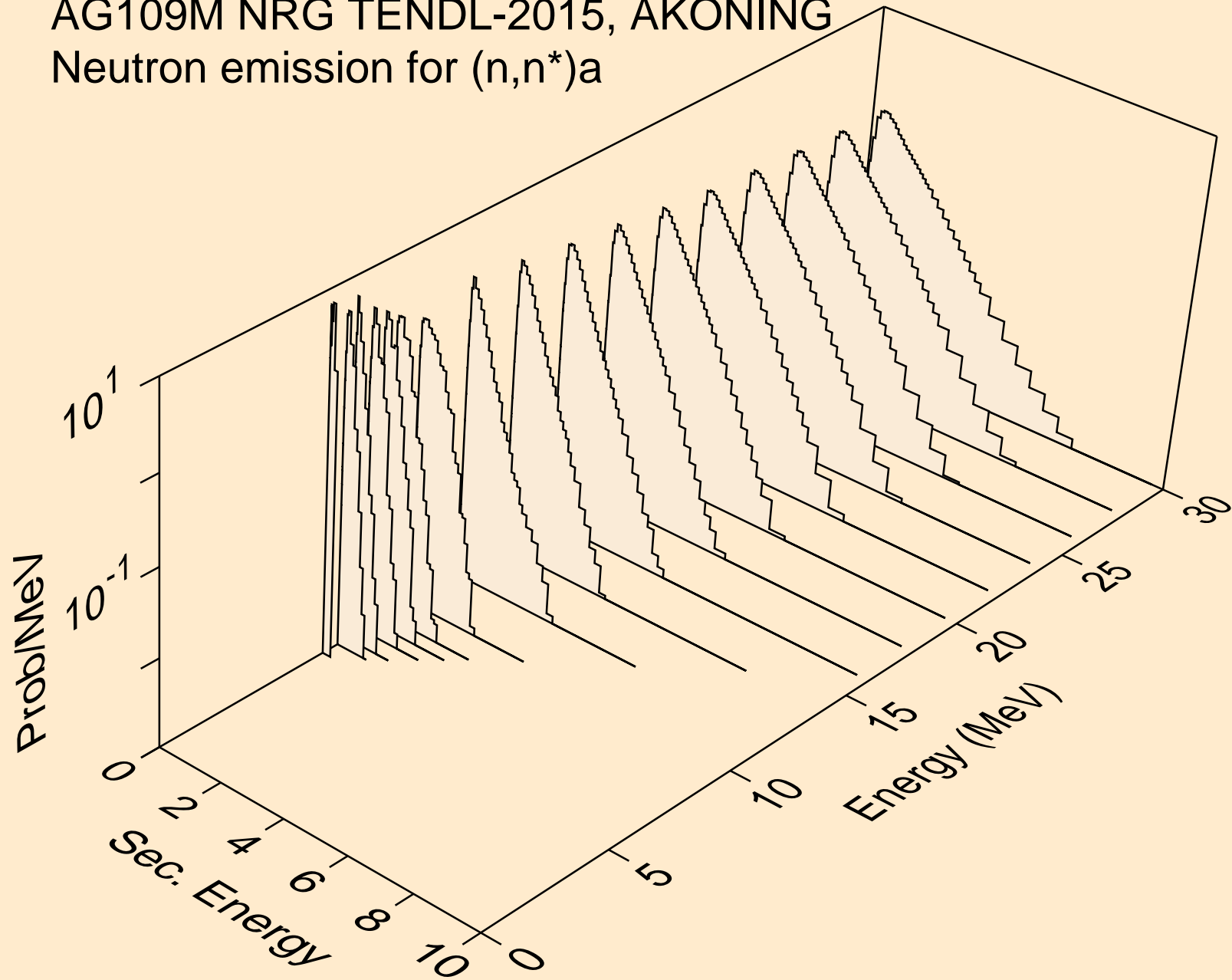
AG109M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



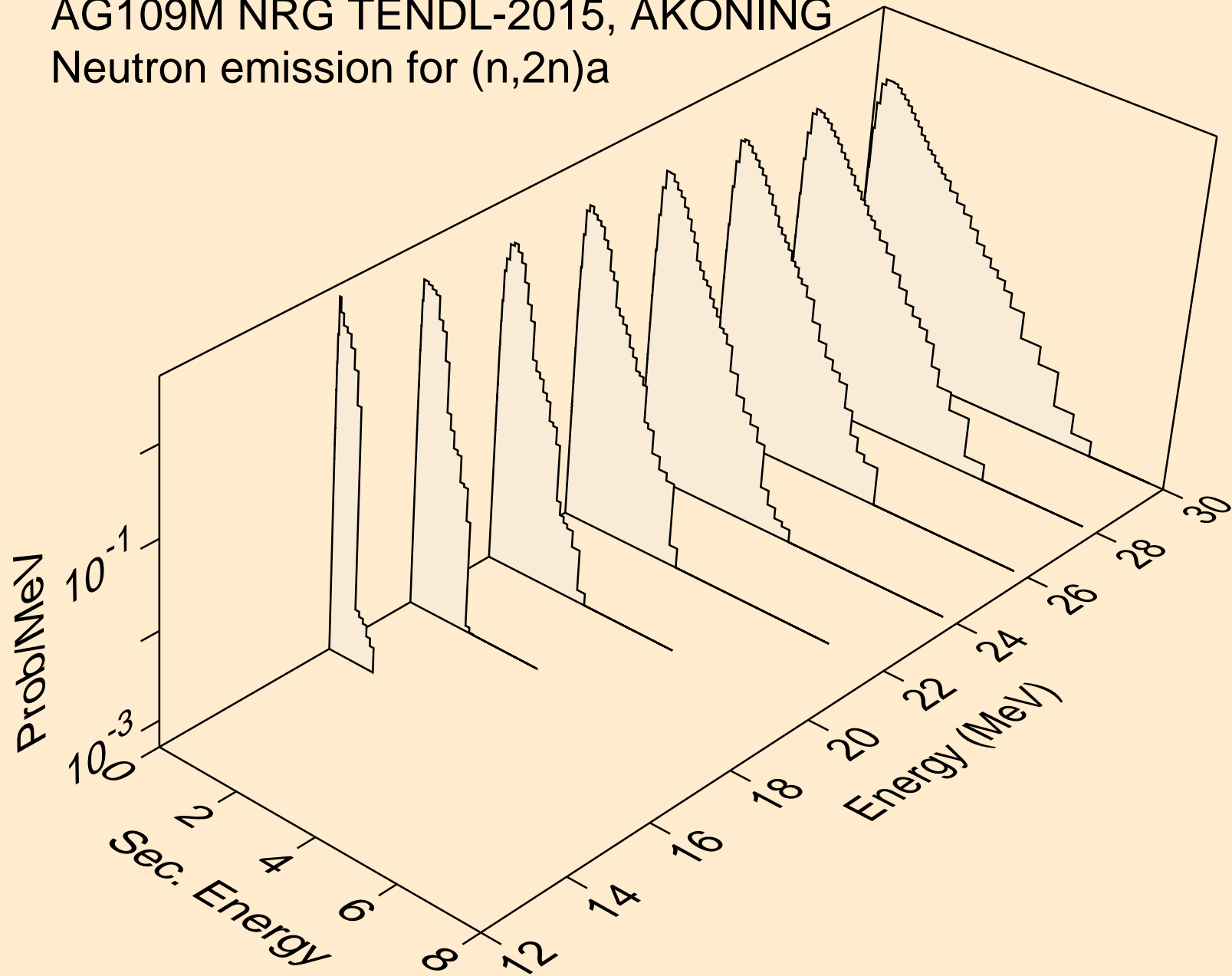
AG109M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



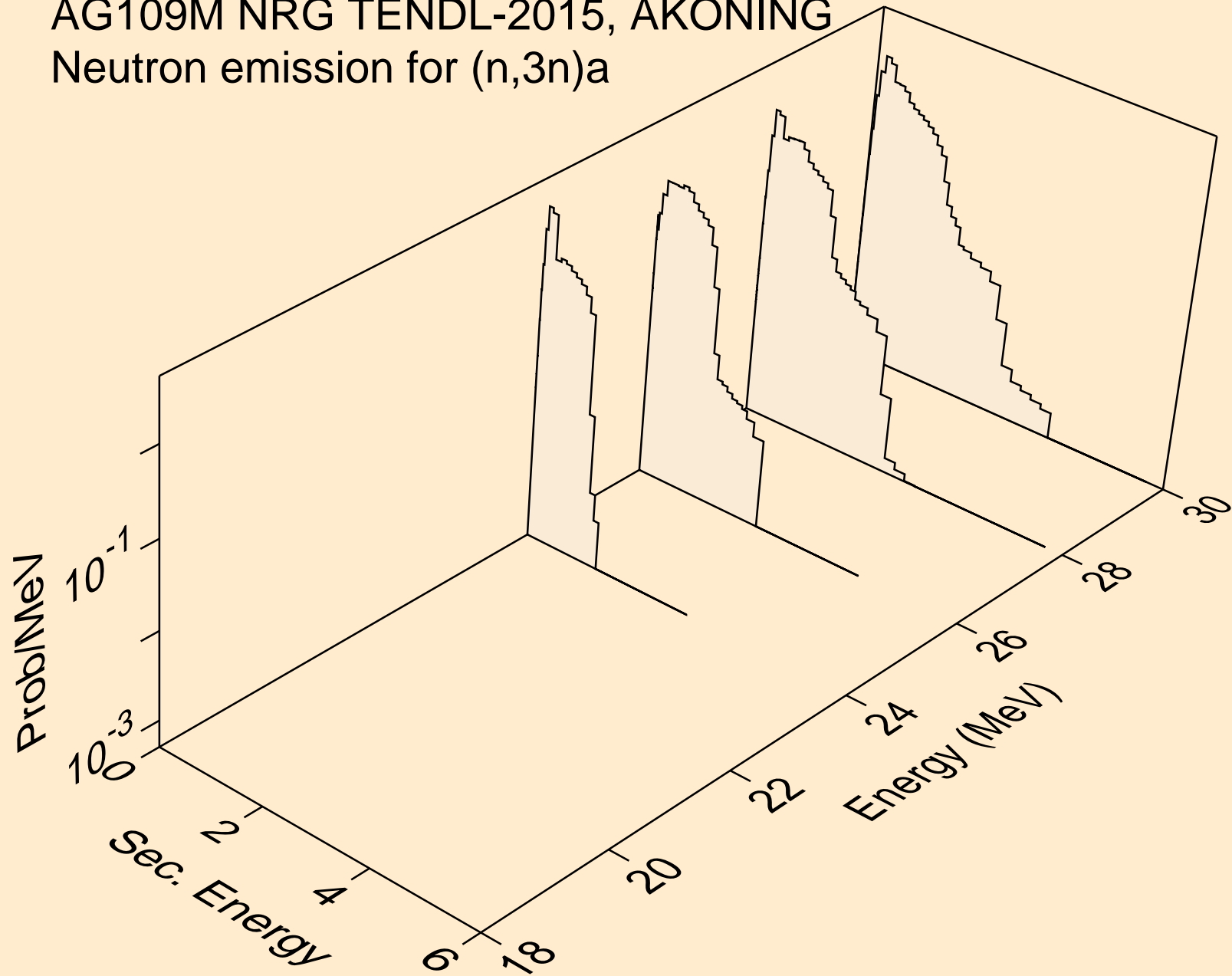
AG109M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



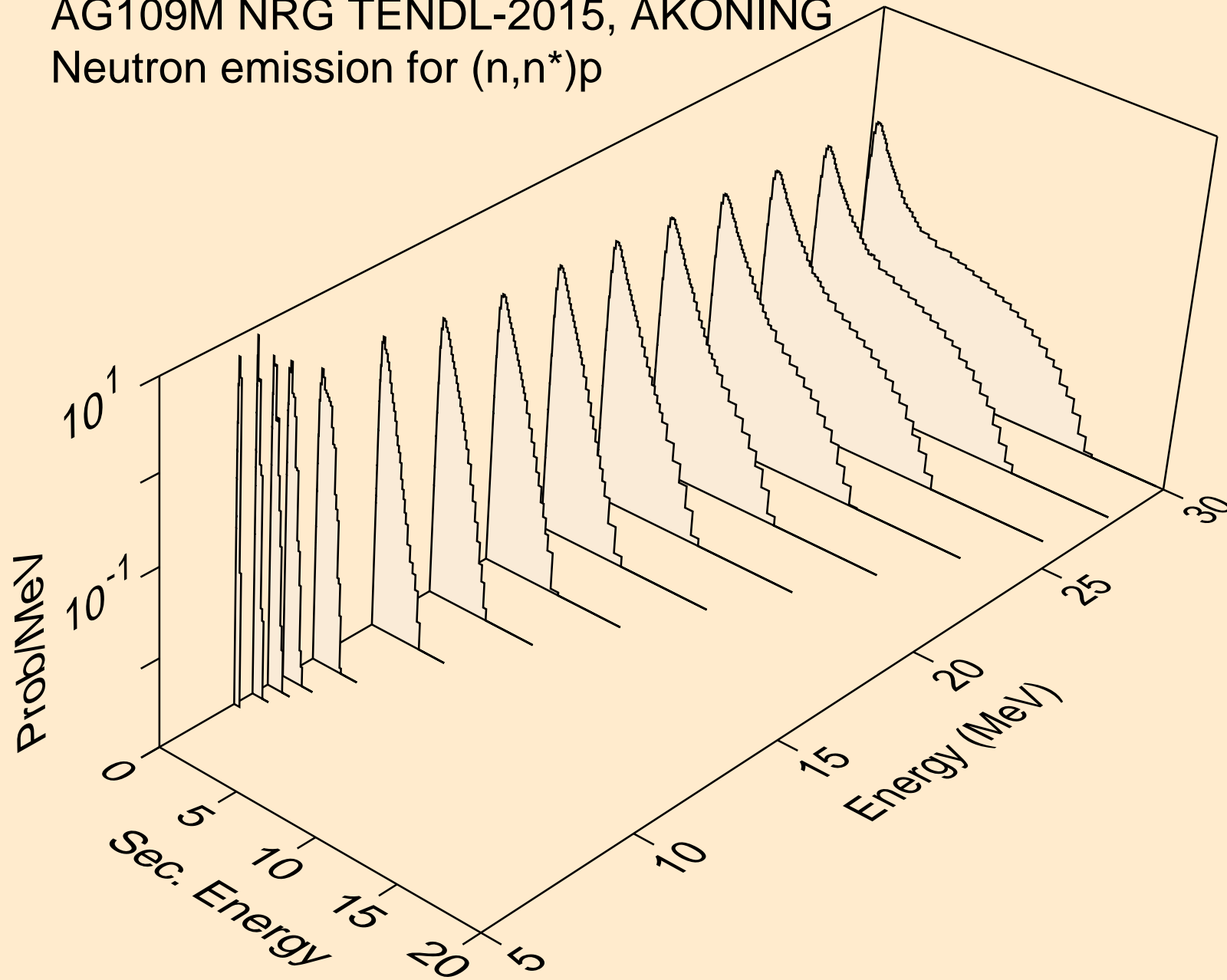
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Neutron emission for (n,2n)a



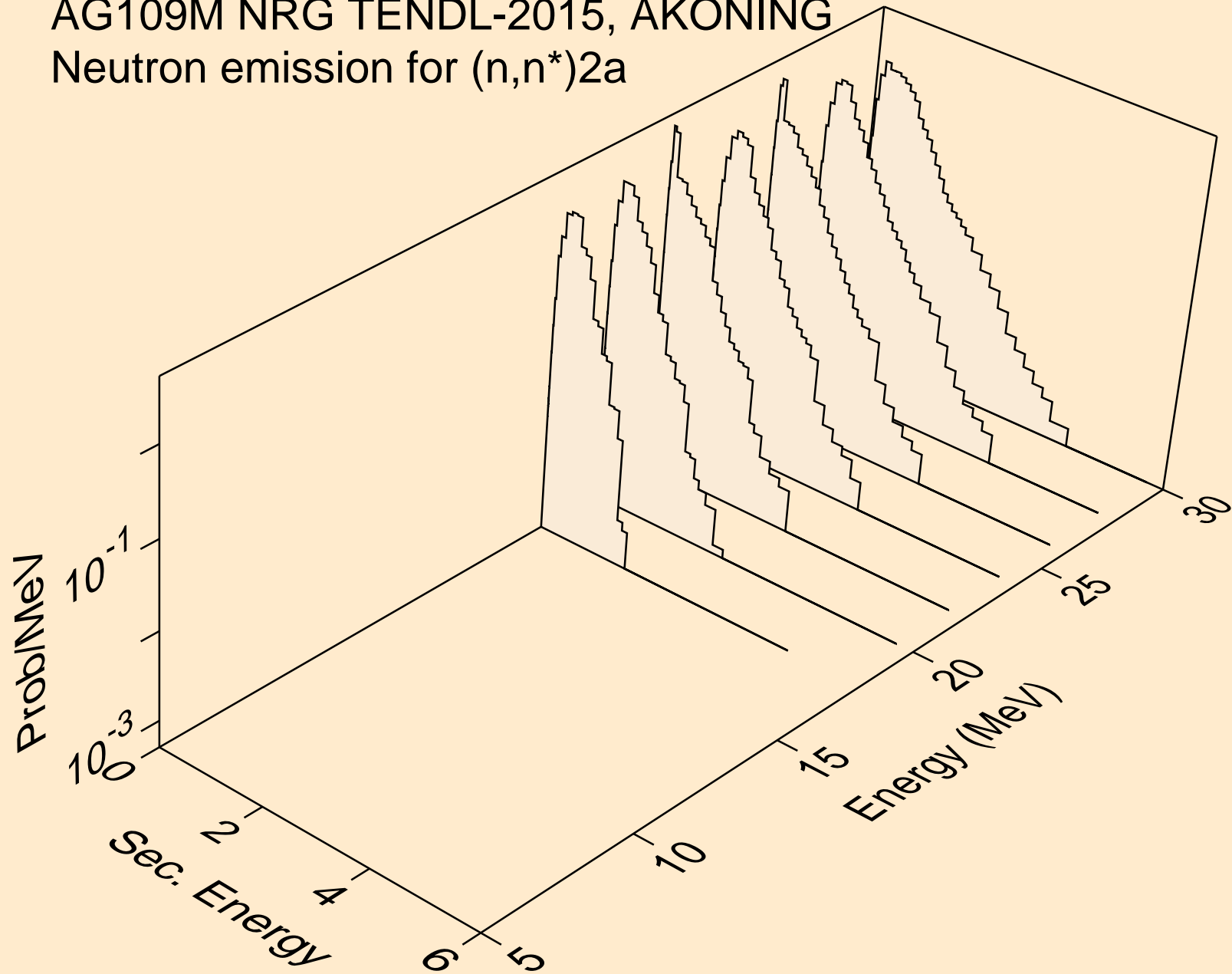
AG109M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)<sub>a</sub>



AG109M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

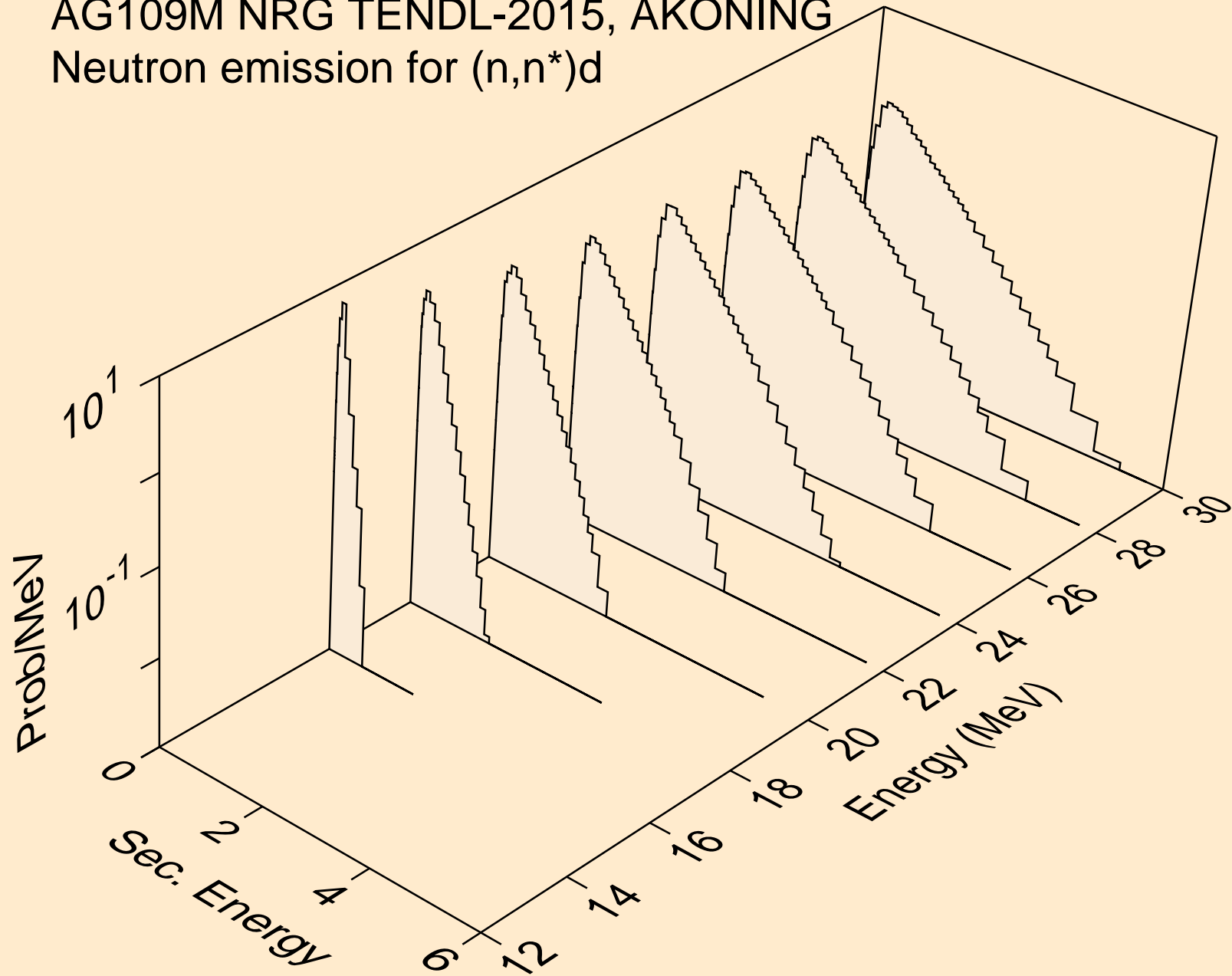


AG109M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

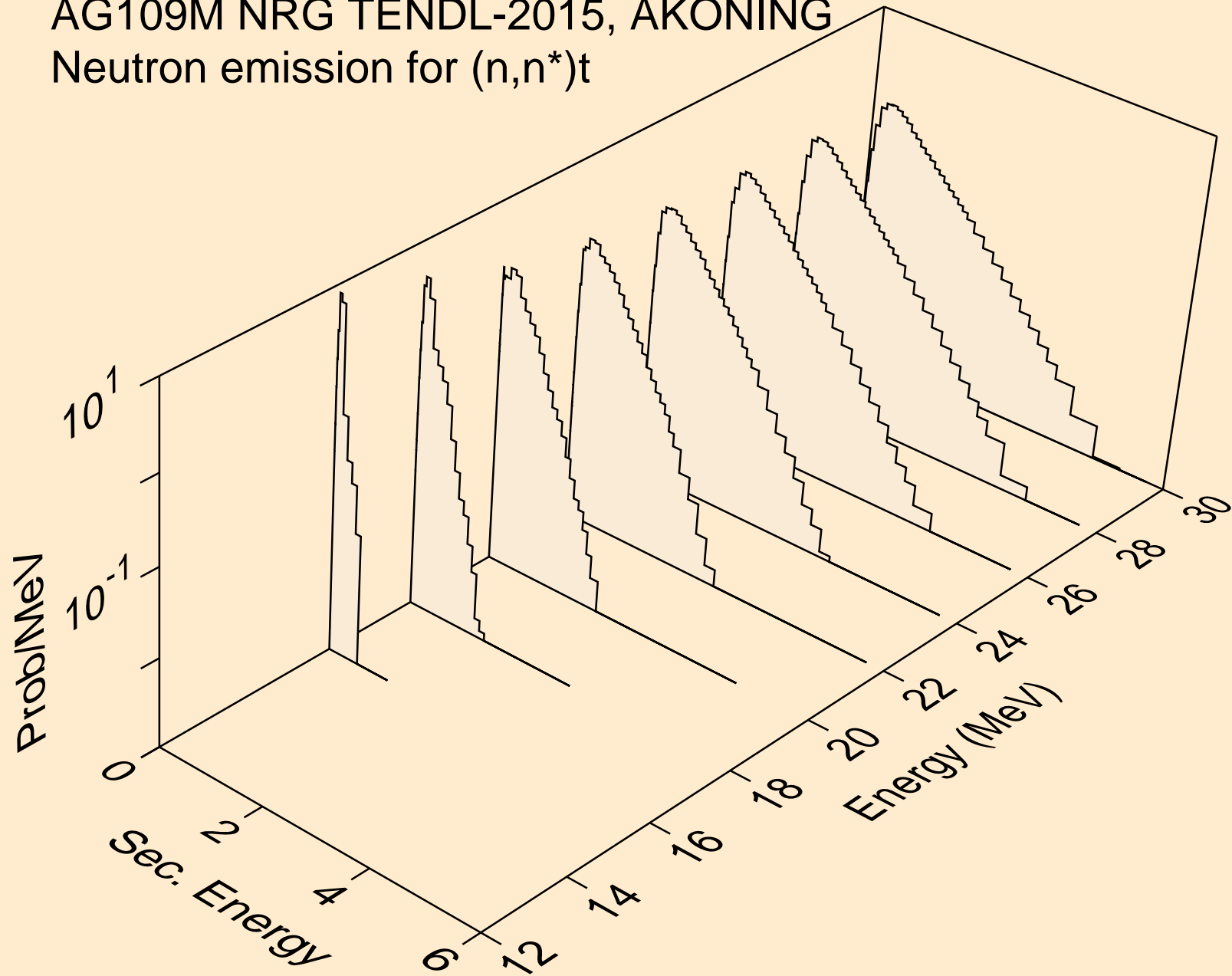




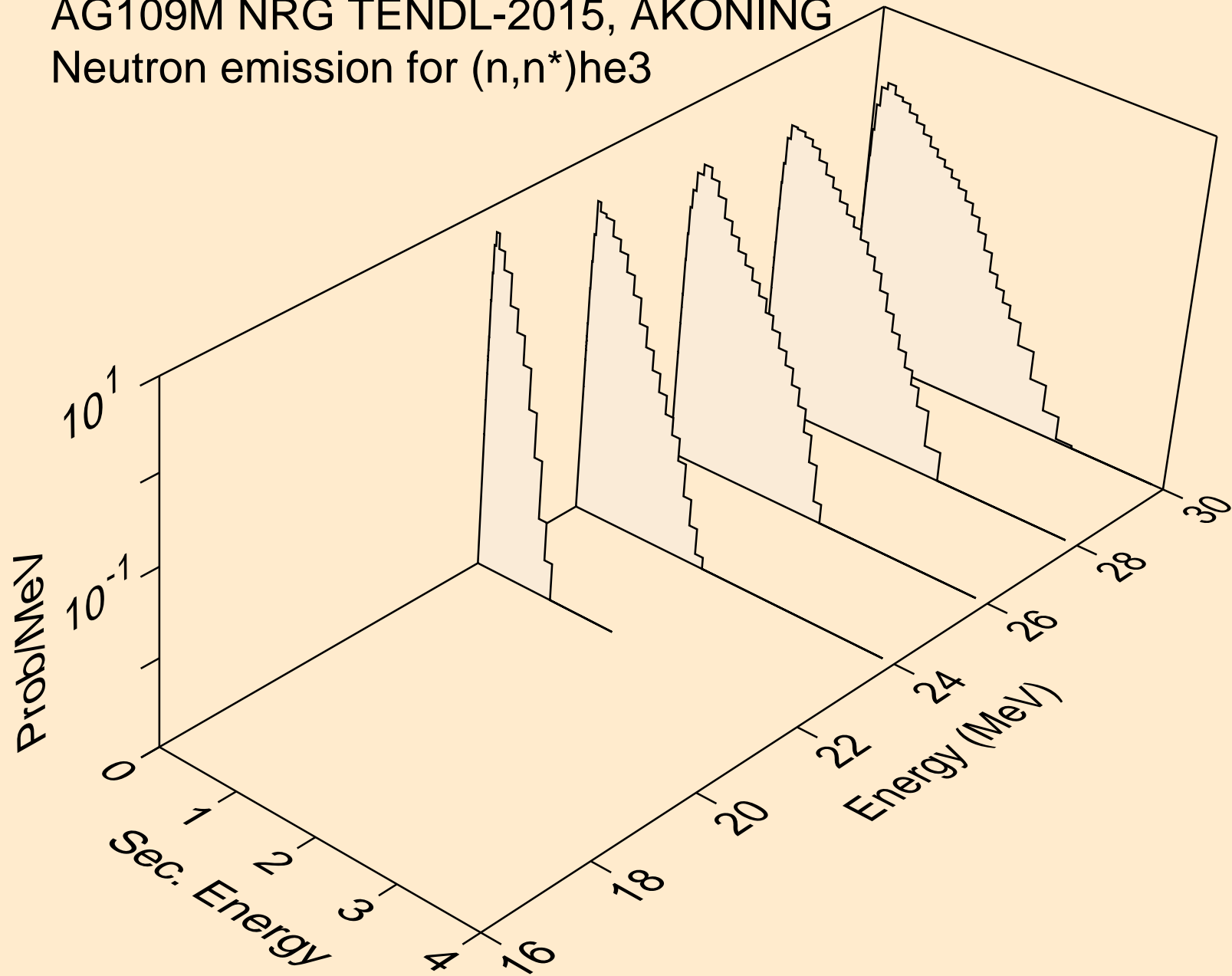
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Neutron emission for (n,n\*)d



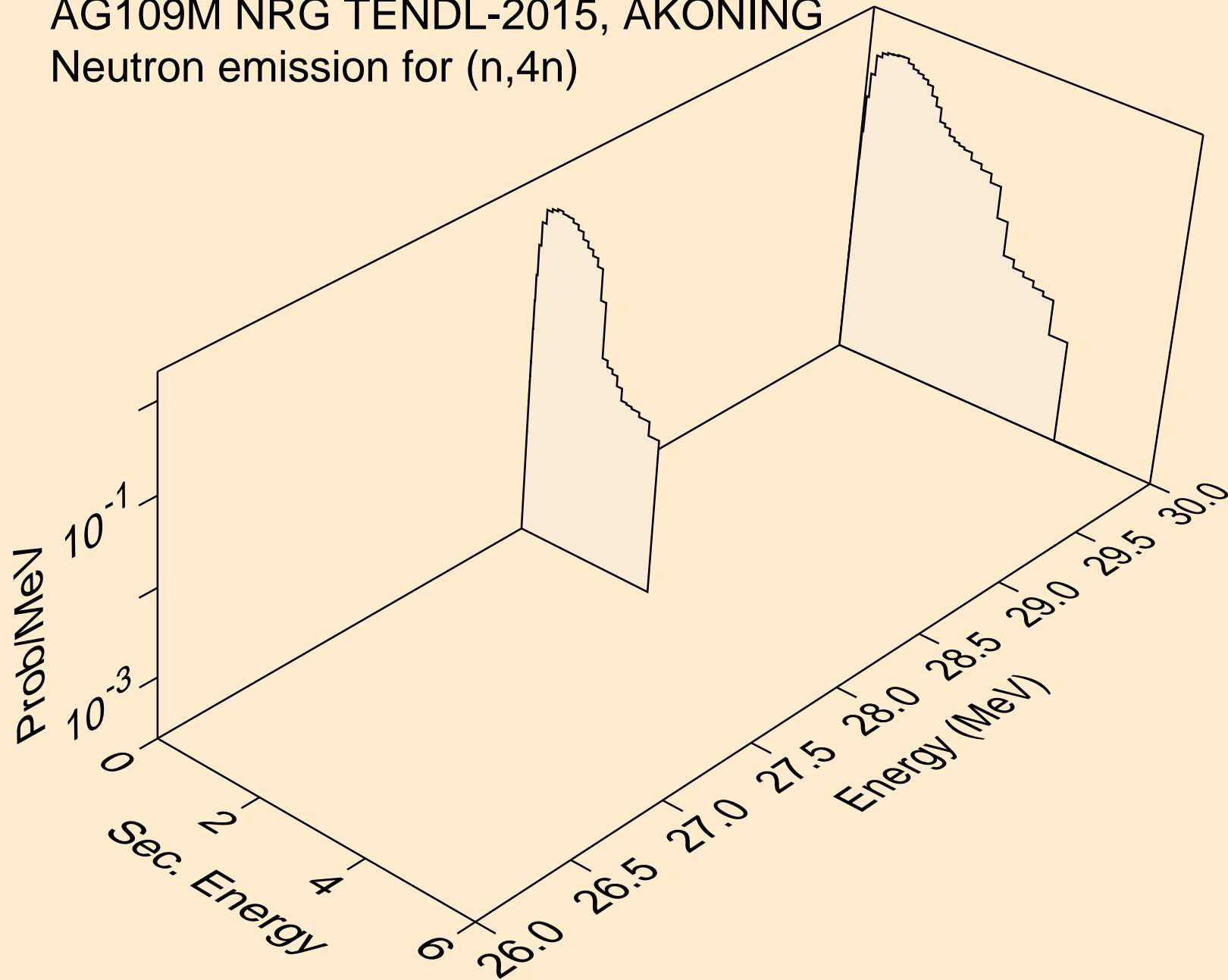
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Neutron emission for (n,n\*)t



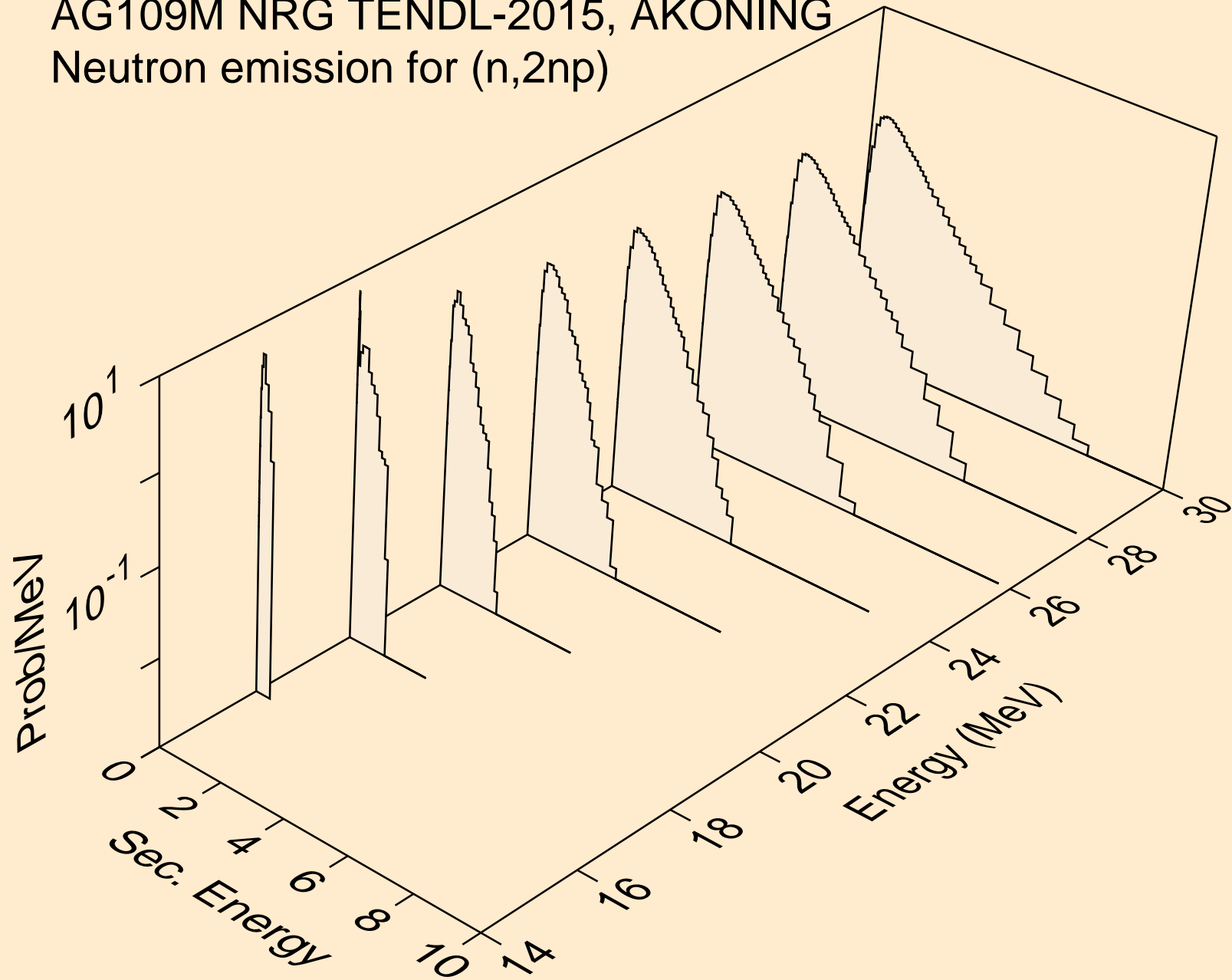
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Neutron emission for (n,n\*)he3



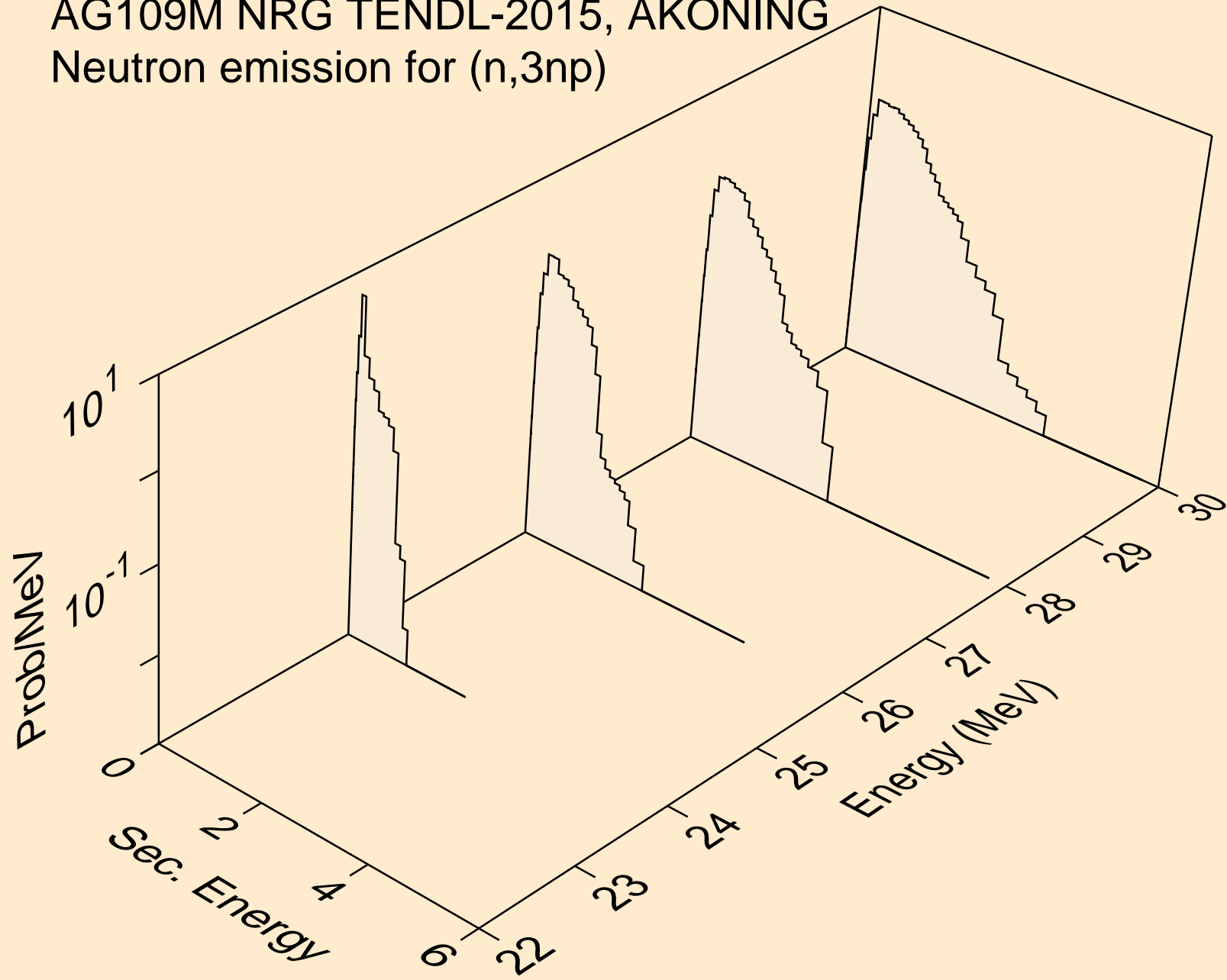
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Neutron emission for (n,4n)



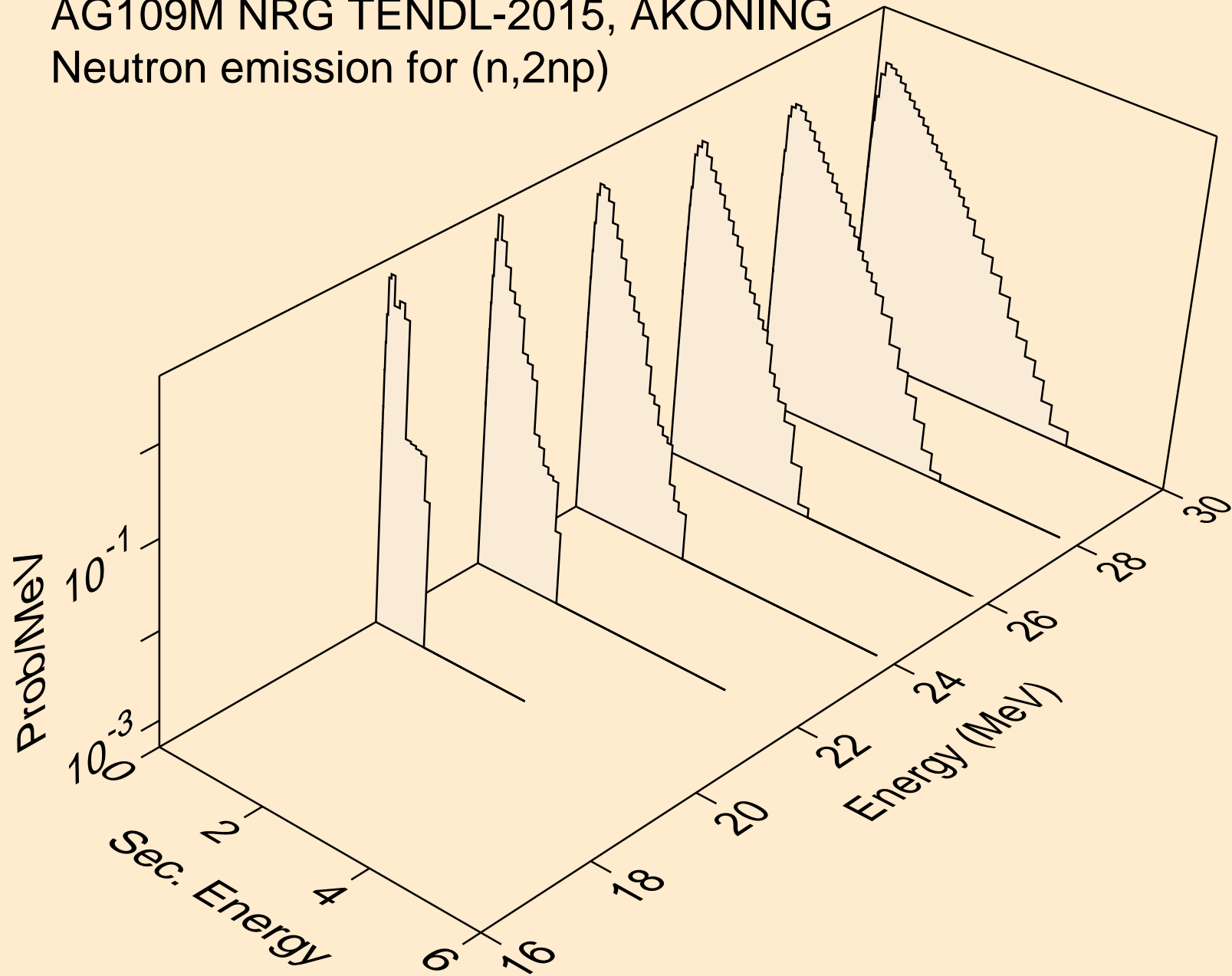
AG109M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



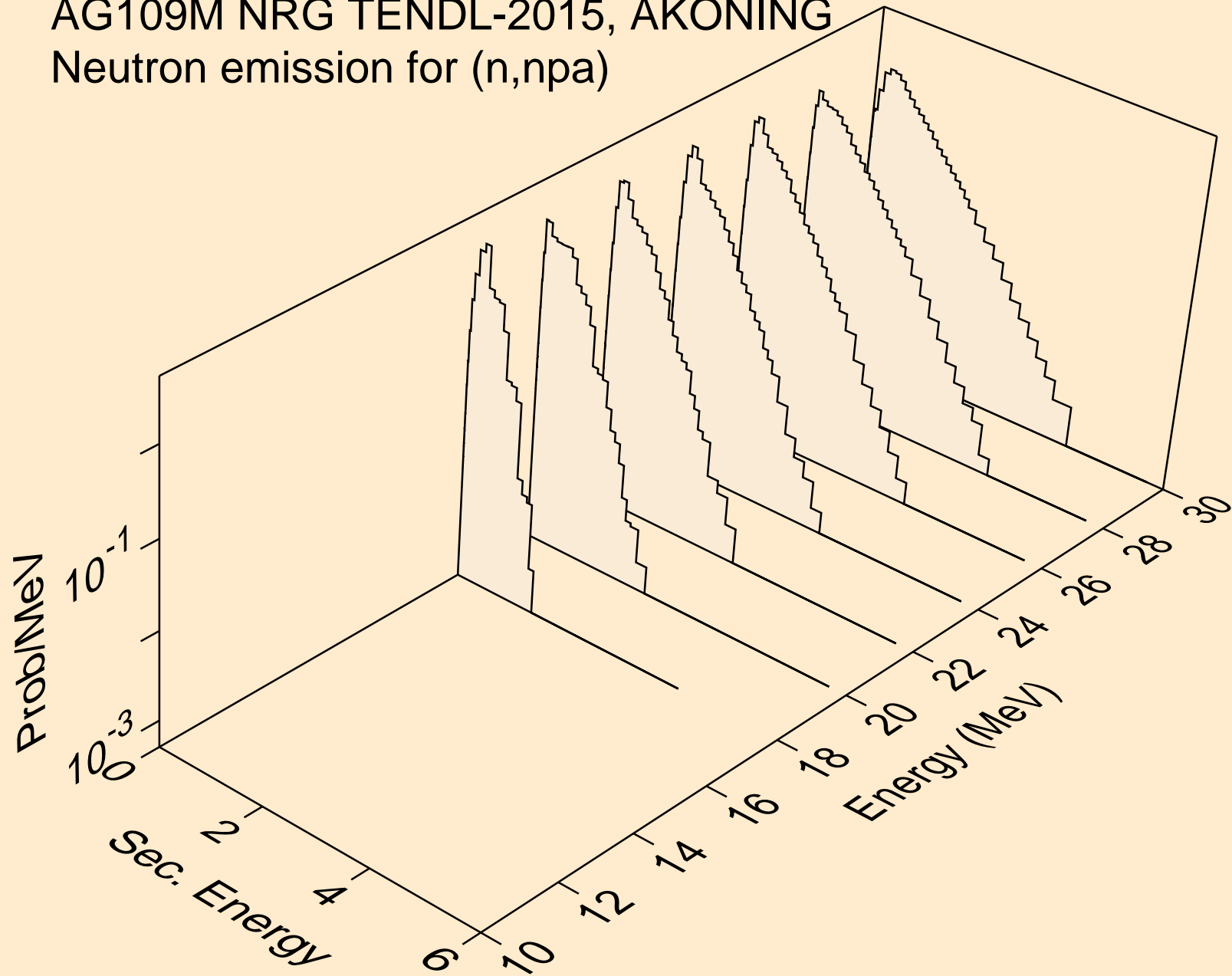
AG109M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



AG109M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

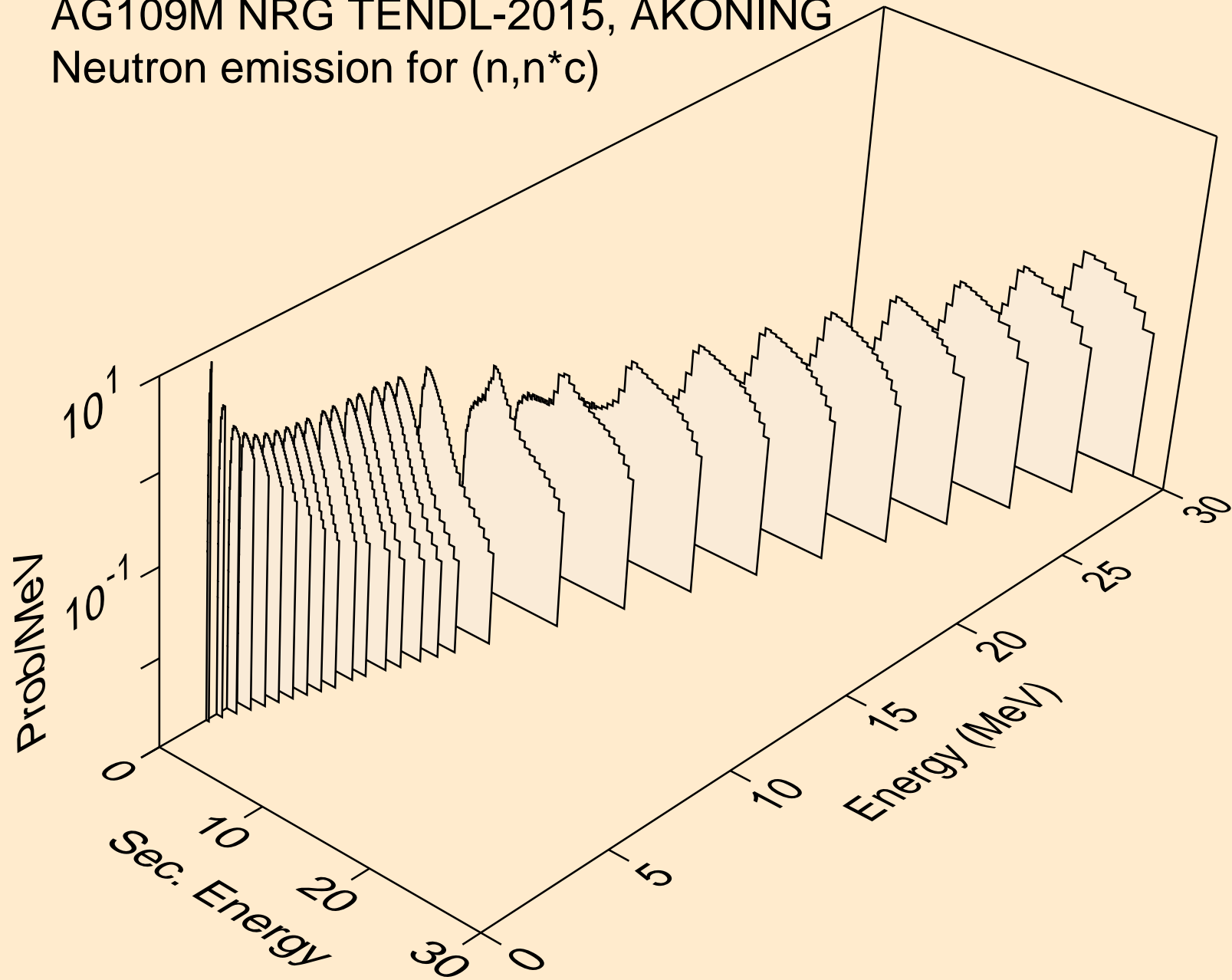


AG109M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

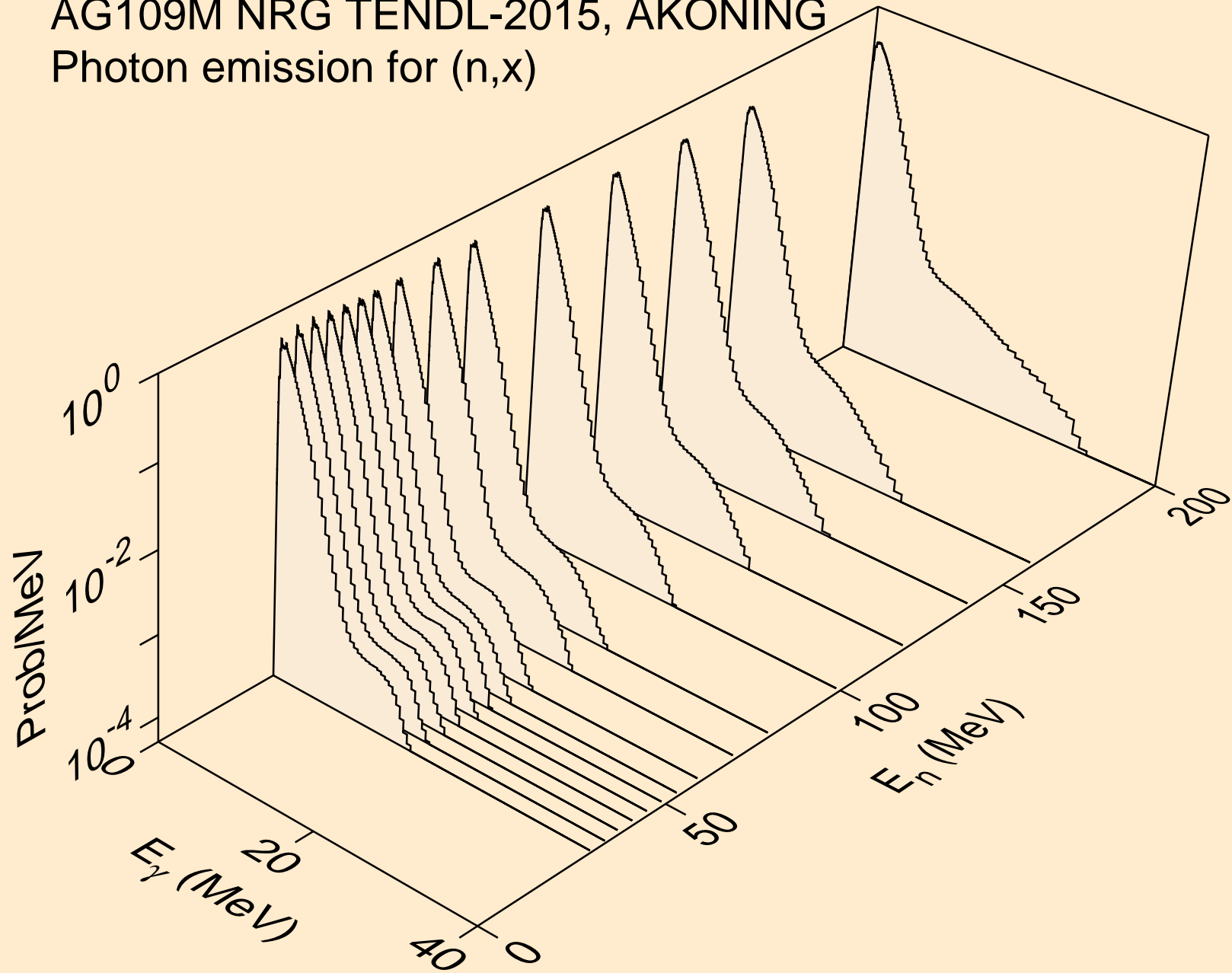




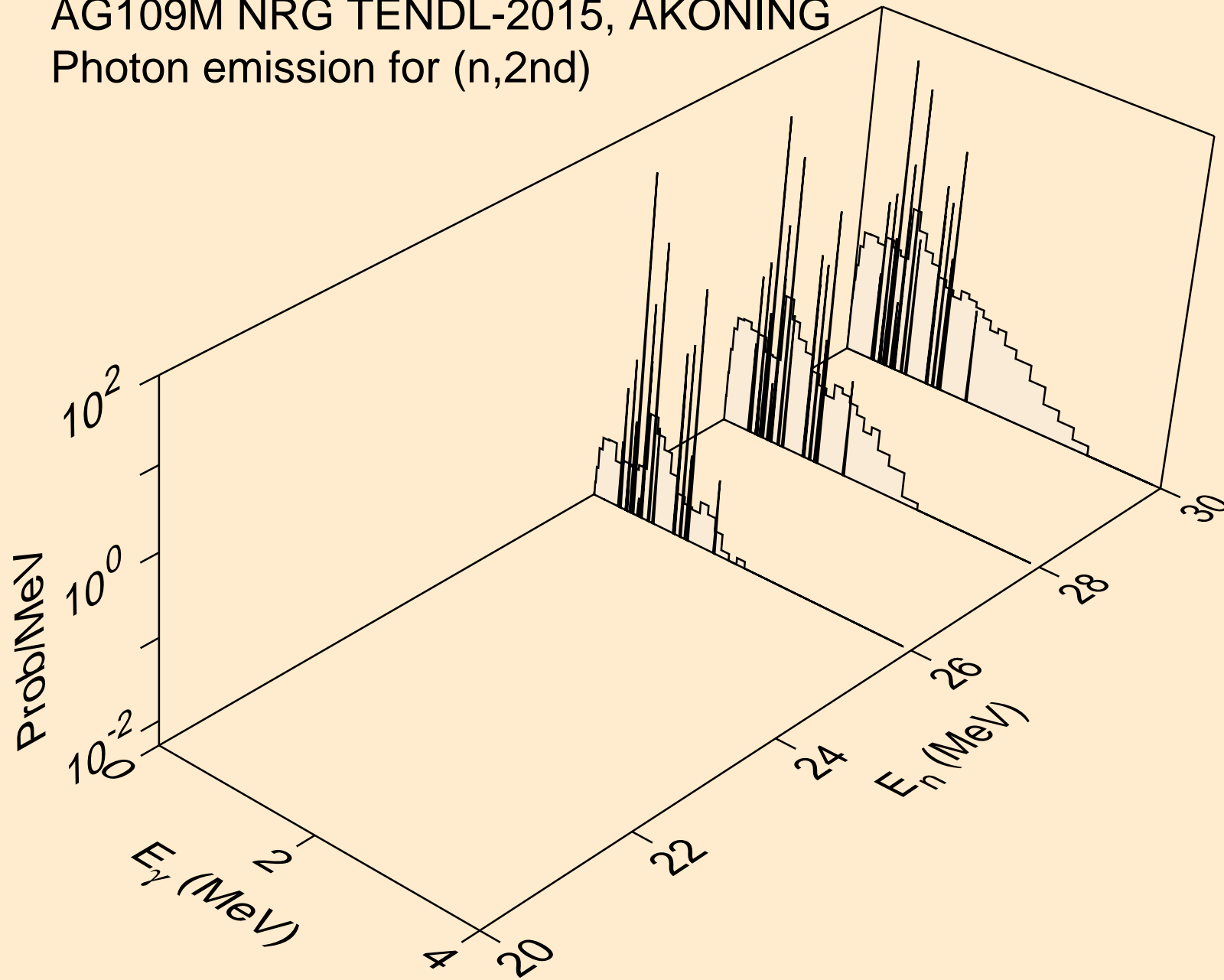
AG109M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



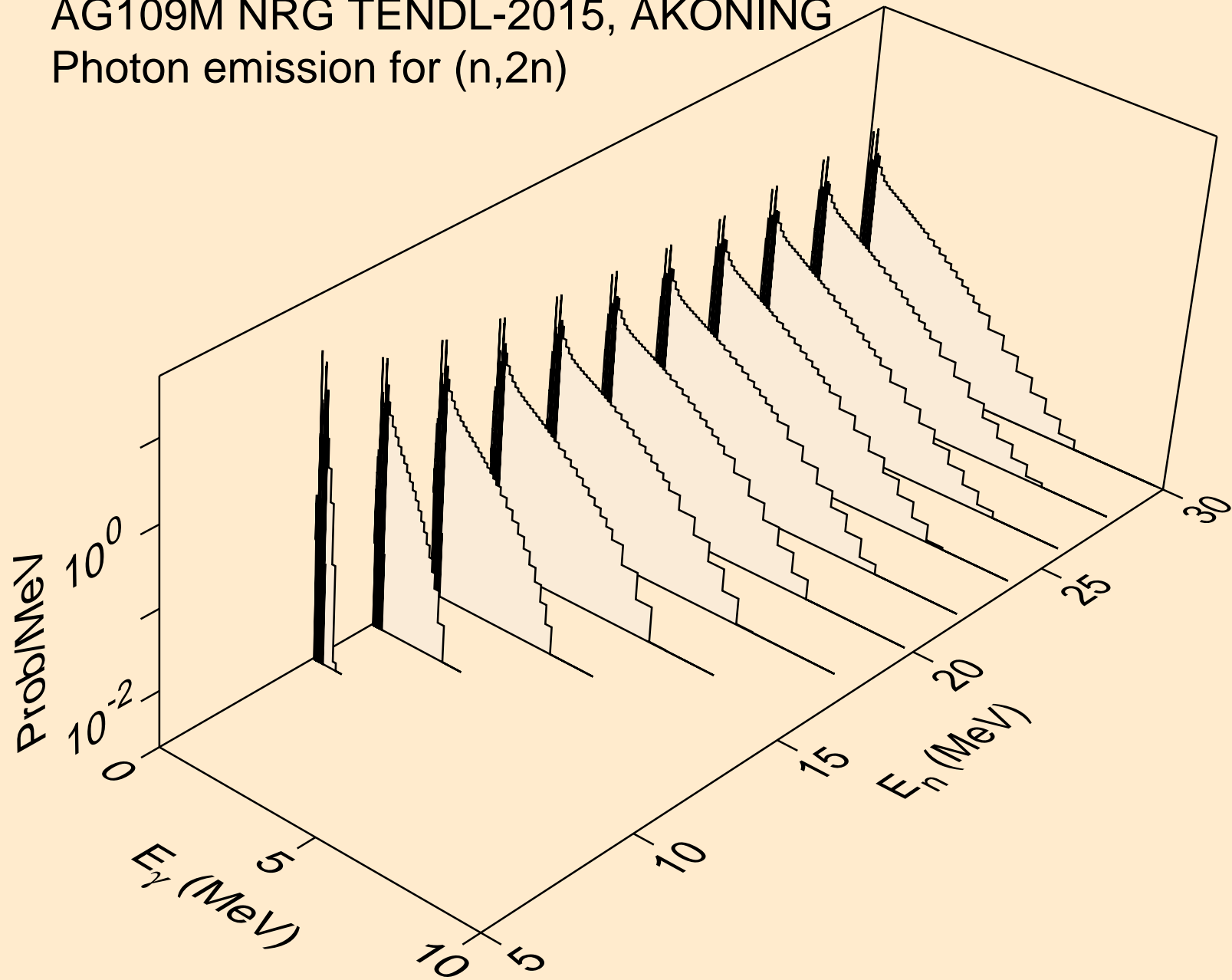
AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



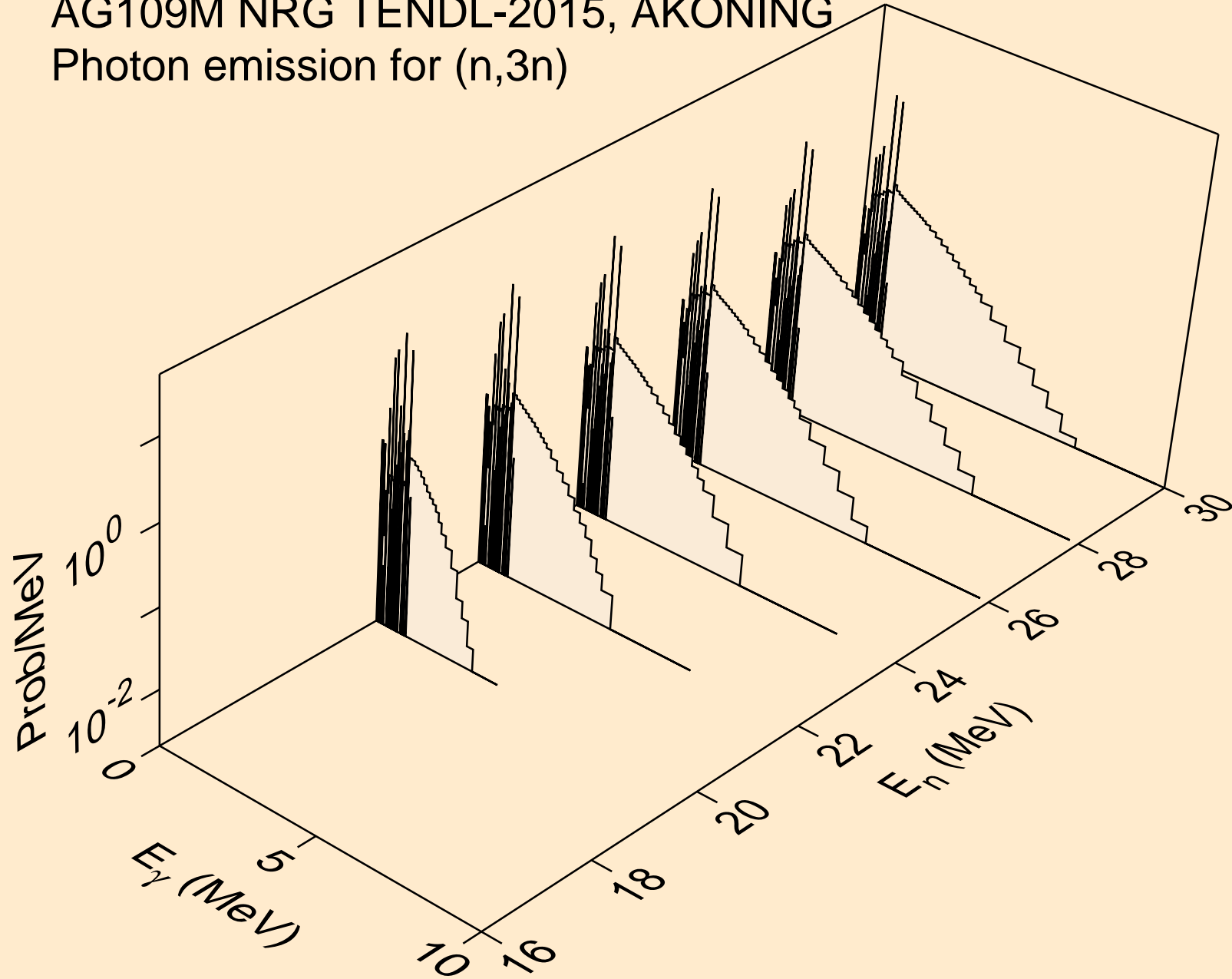
AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



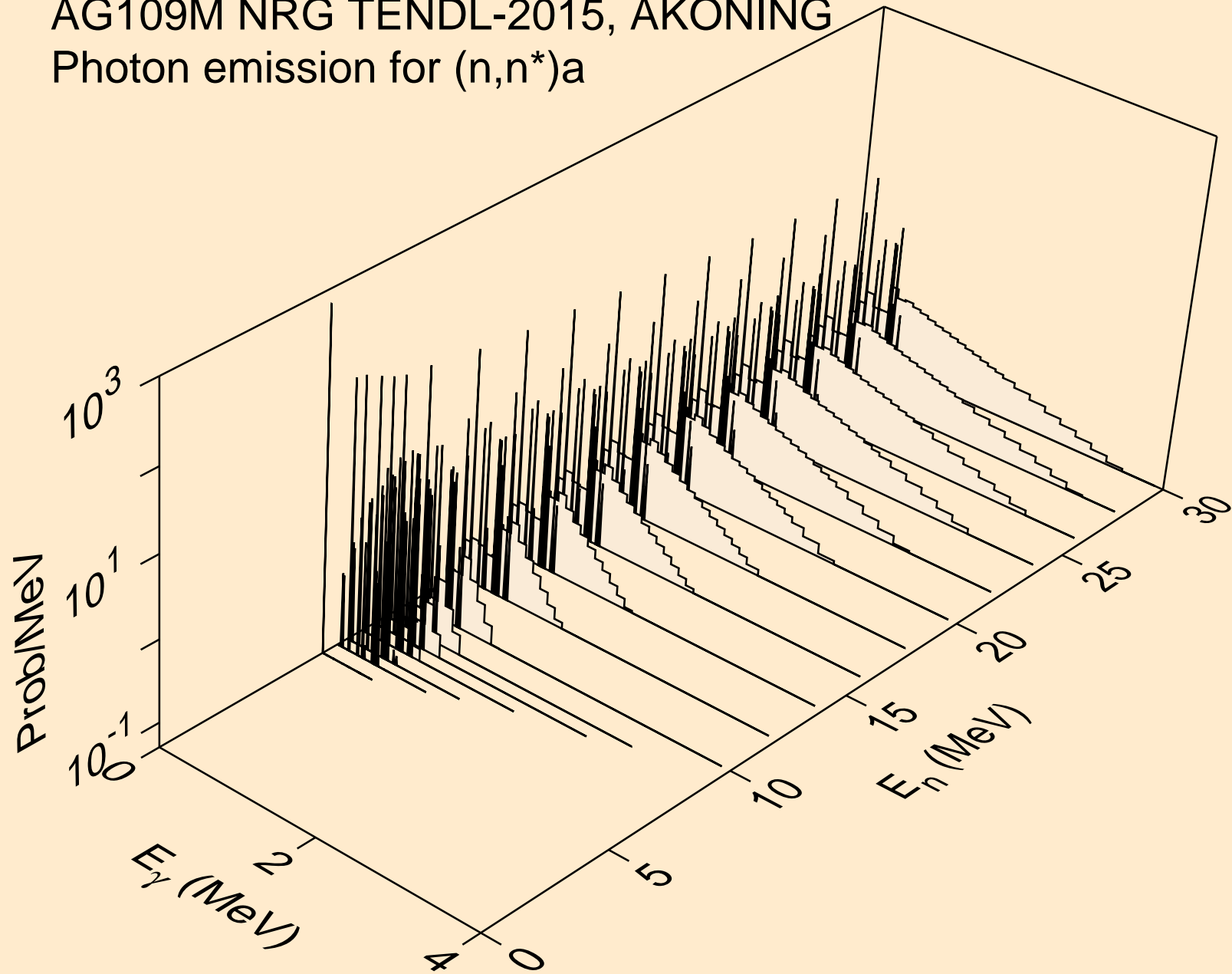
AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



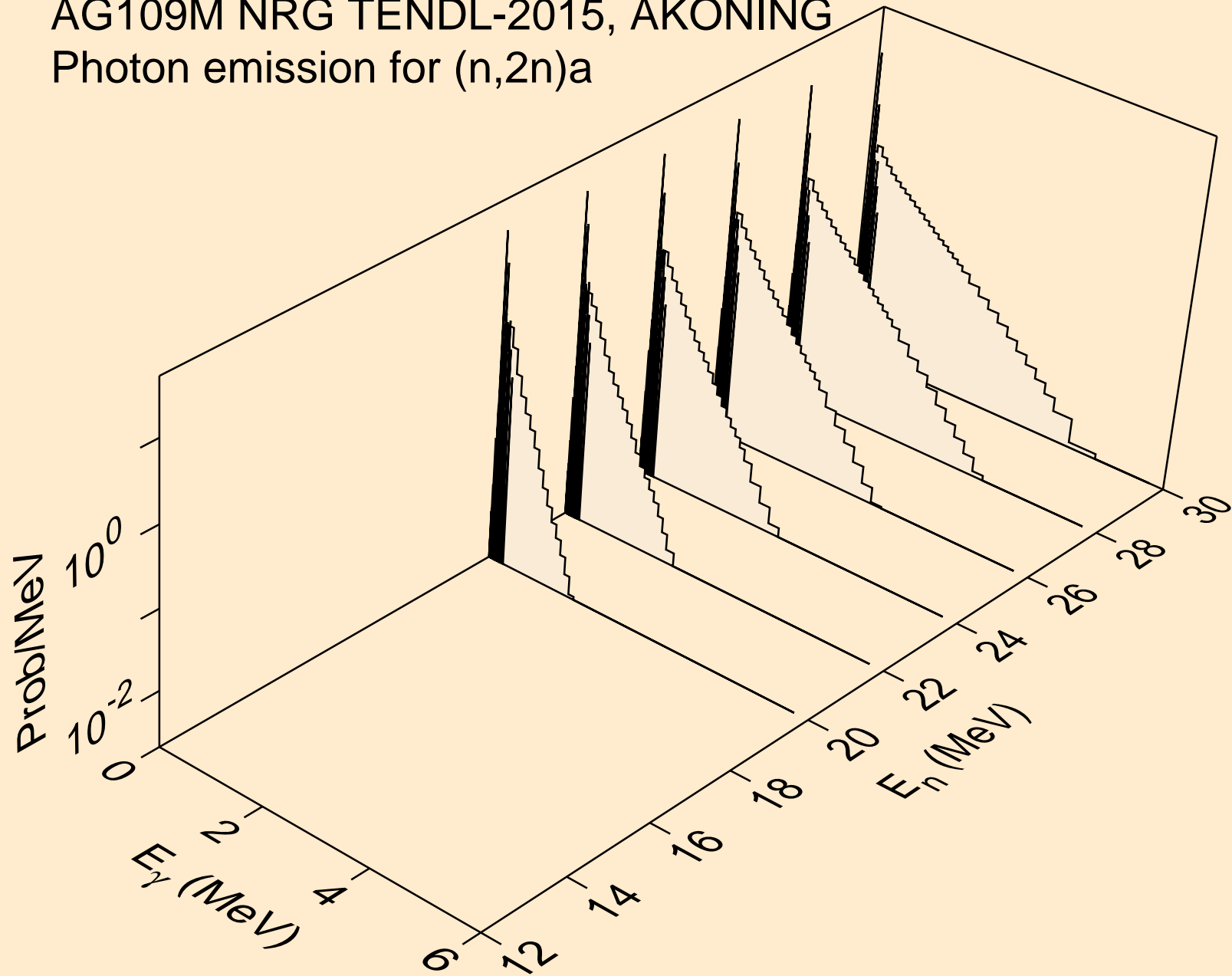
AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



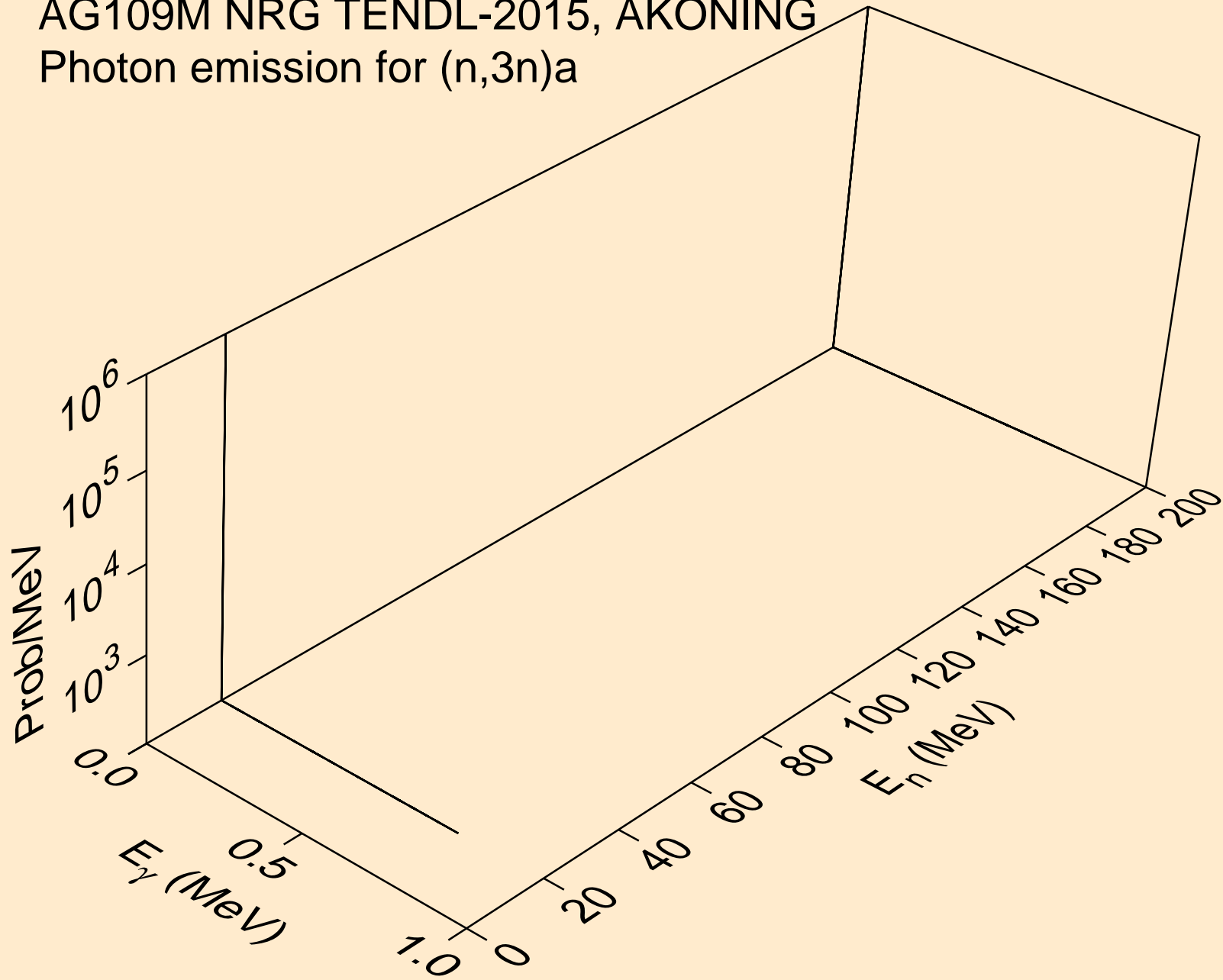
AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

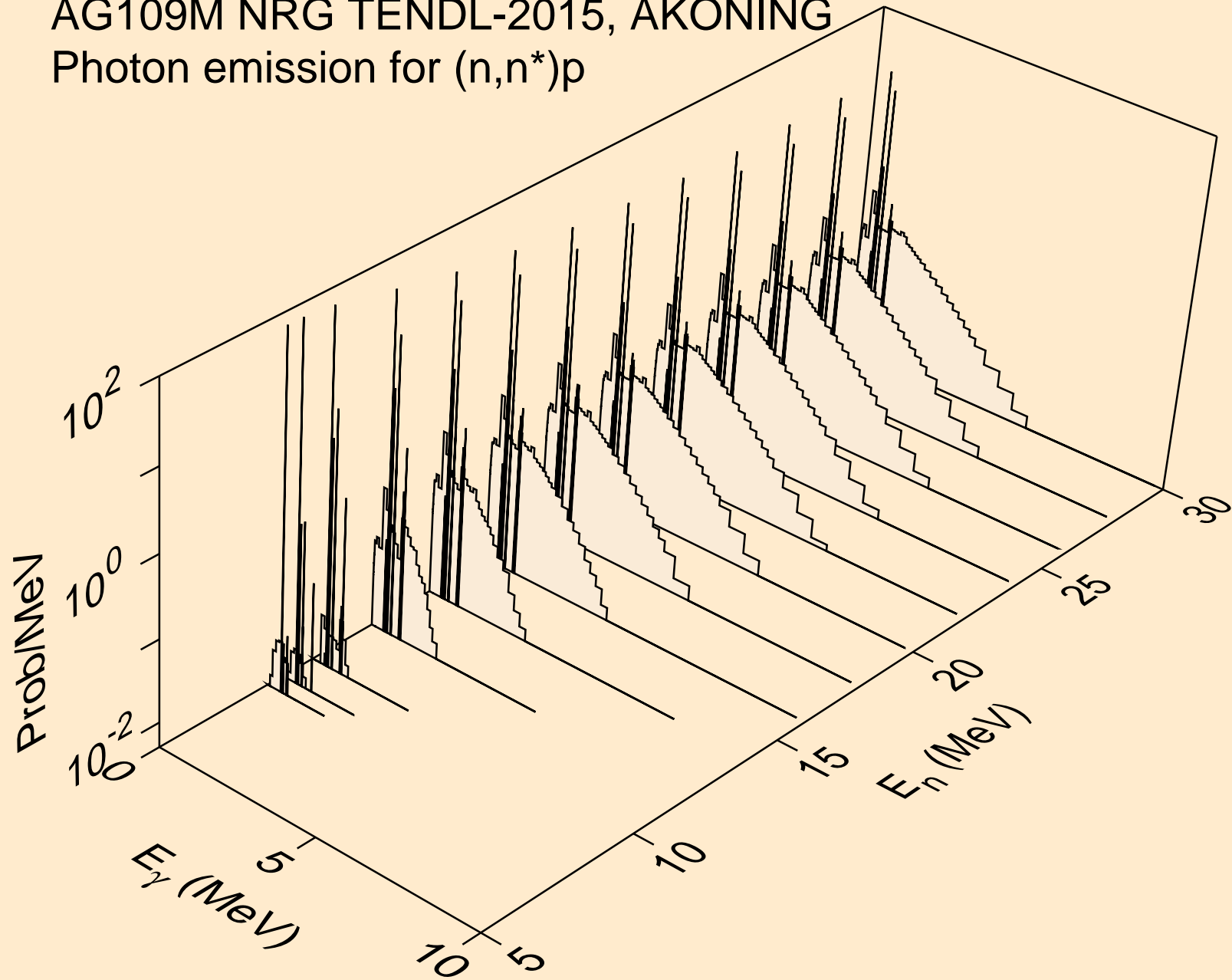


AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

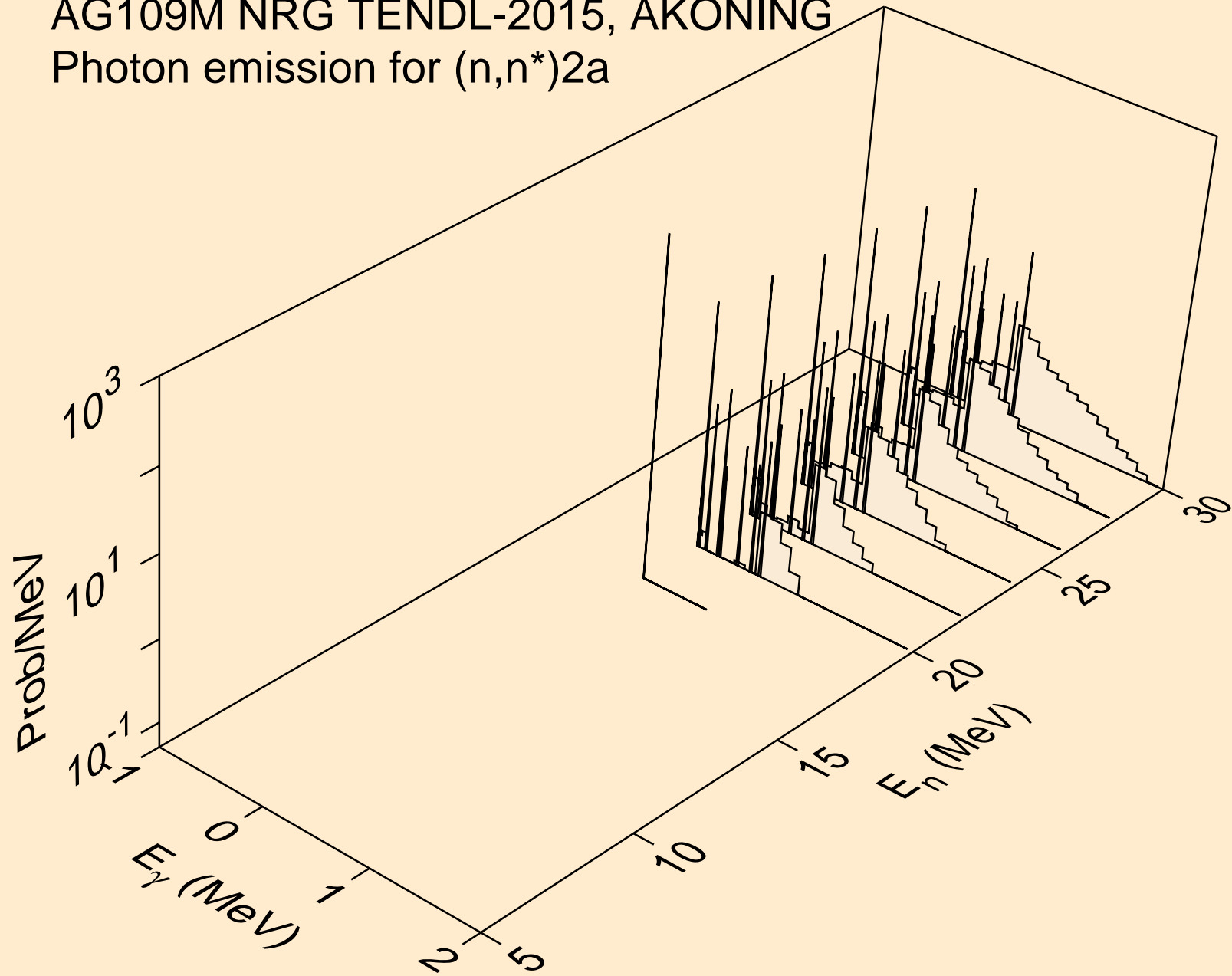




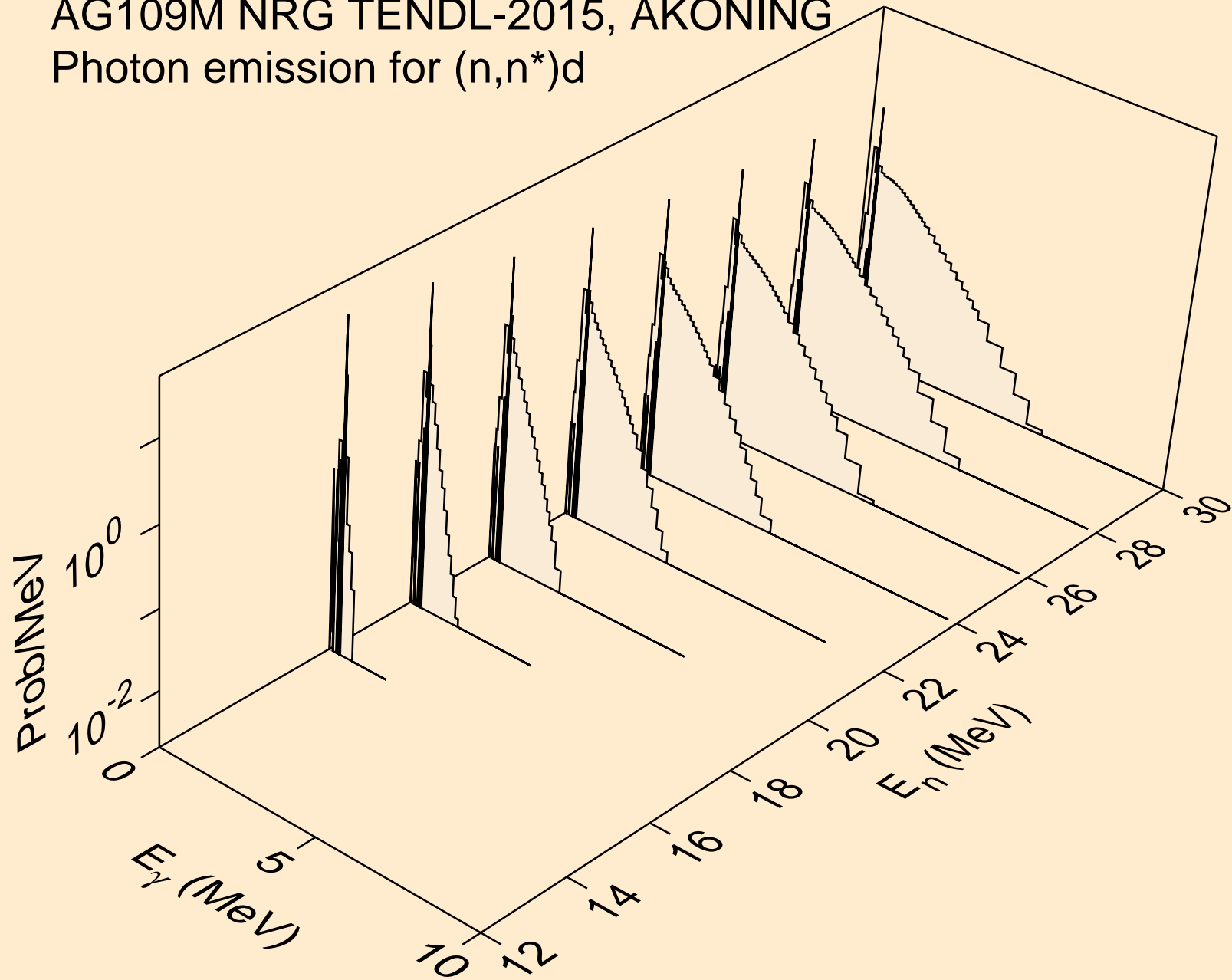
AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



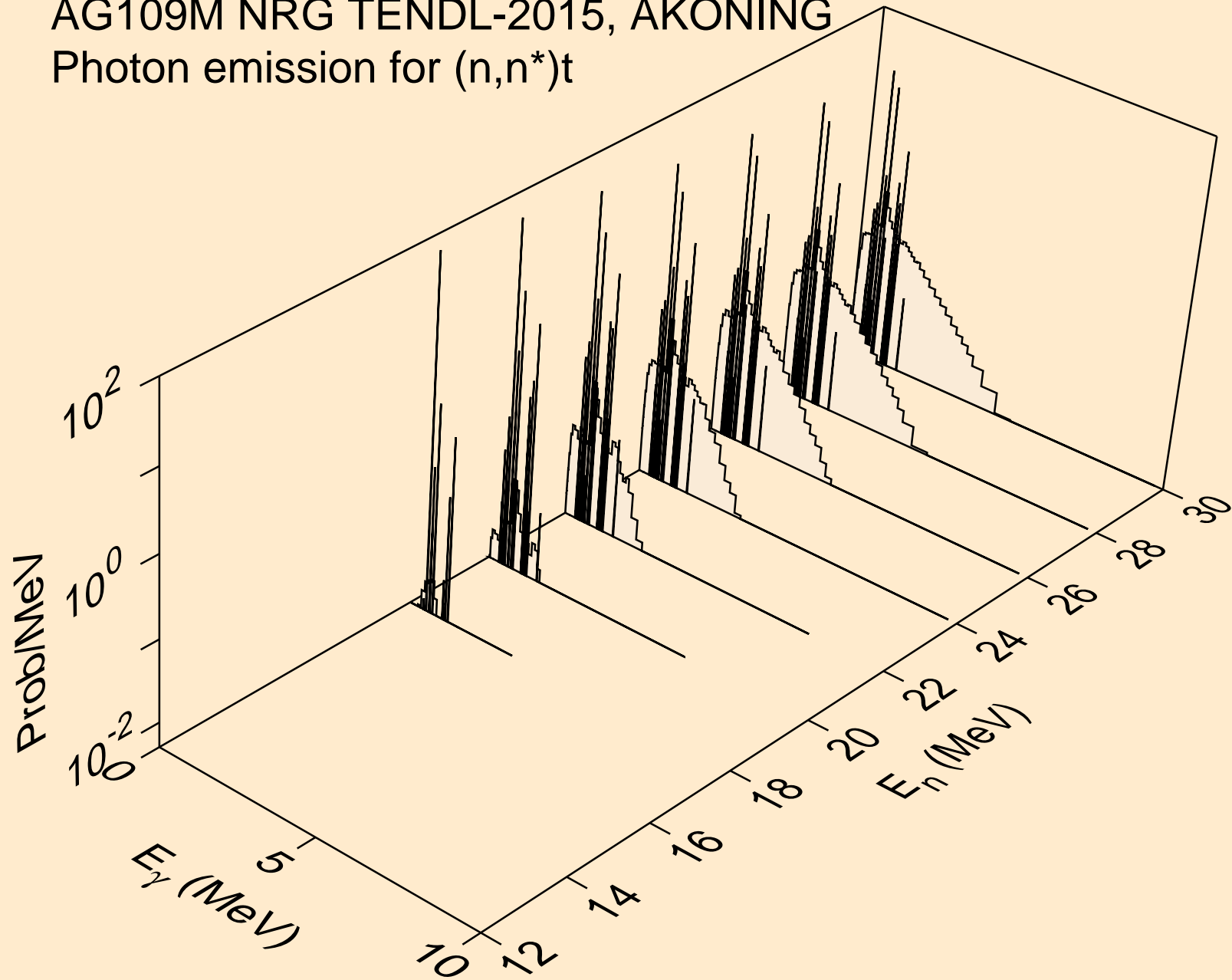
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Photon emission for (n,n\*)2a



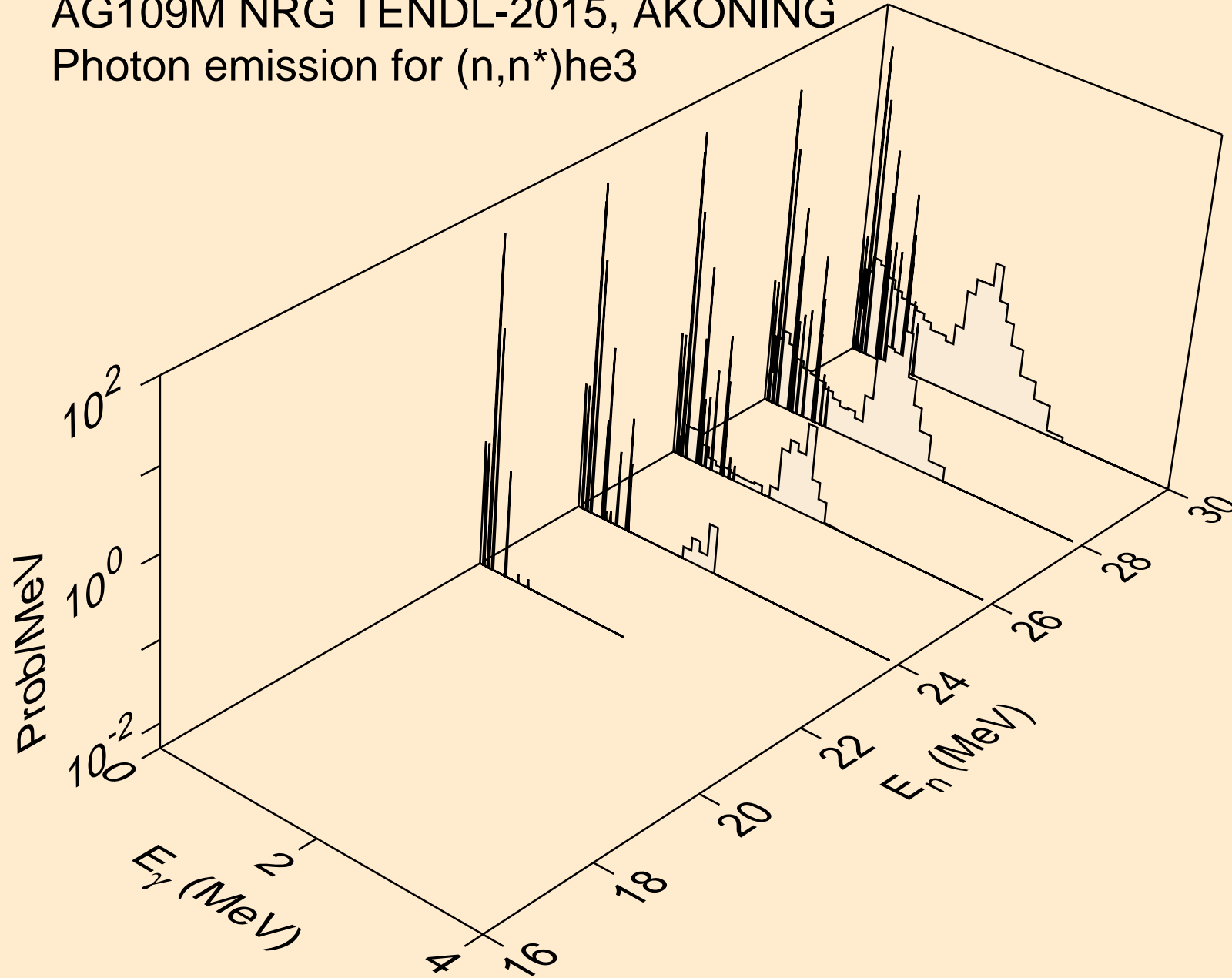
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Photon emission for (n,n\*)d



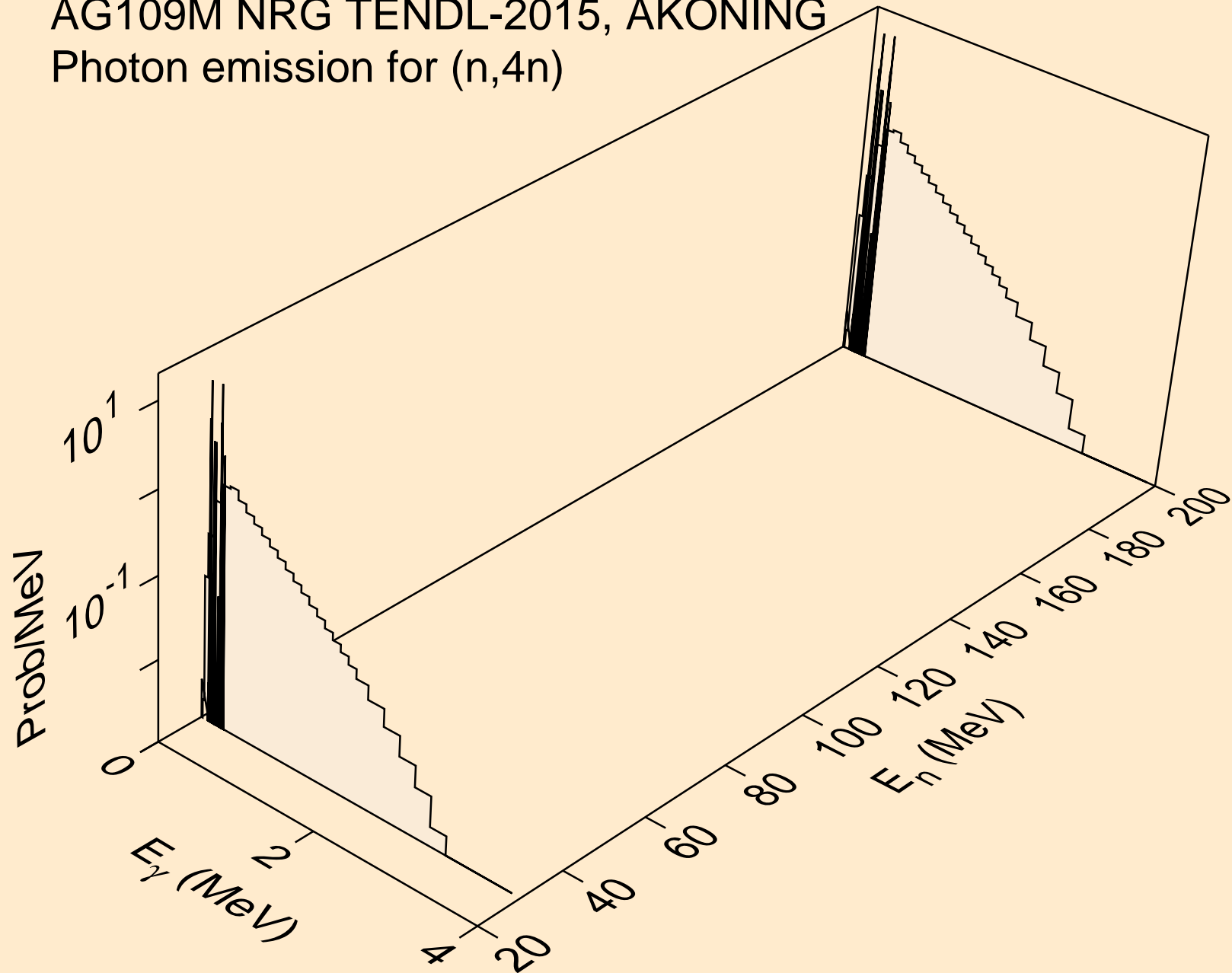
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Photon emission for (n,n\*)t



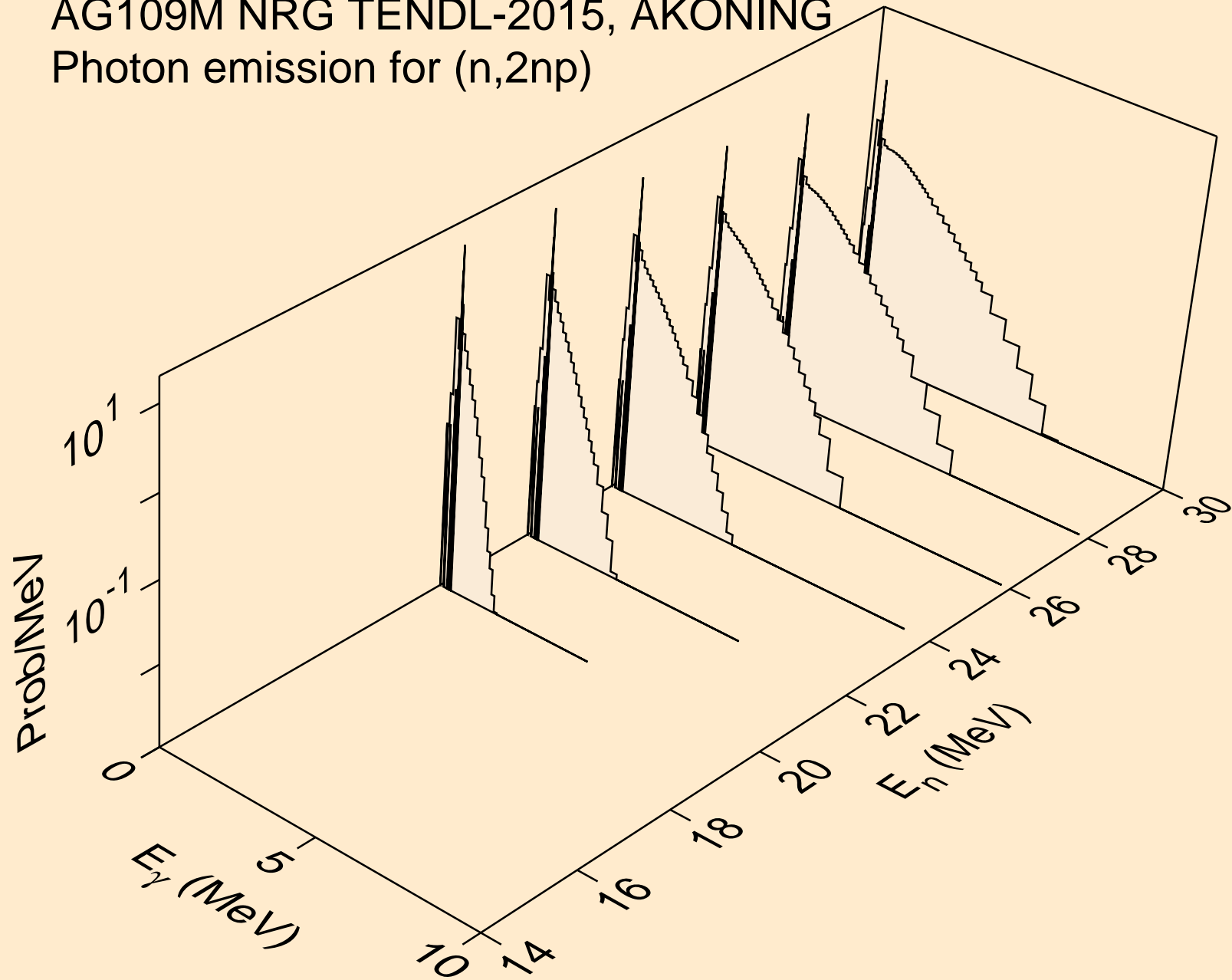
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Photon emission for (n,n\*)he3



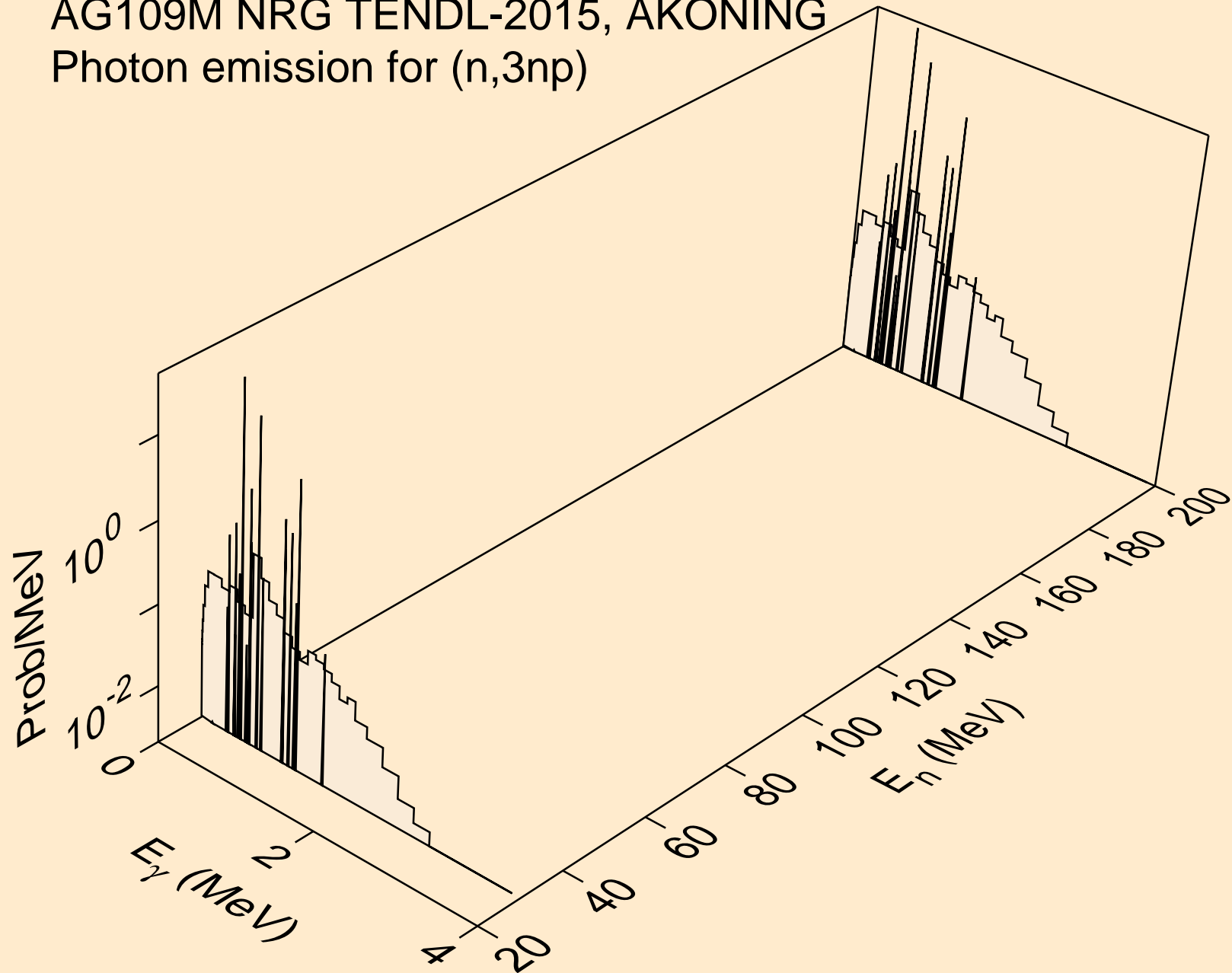
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Photon emission for (n,4n)



AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

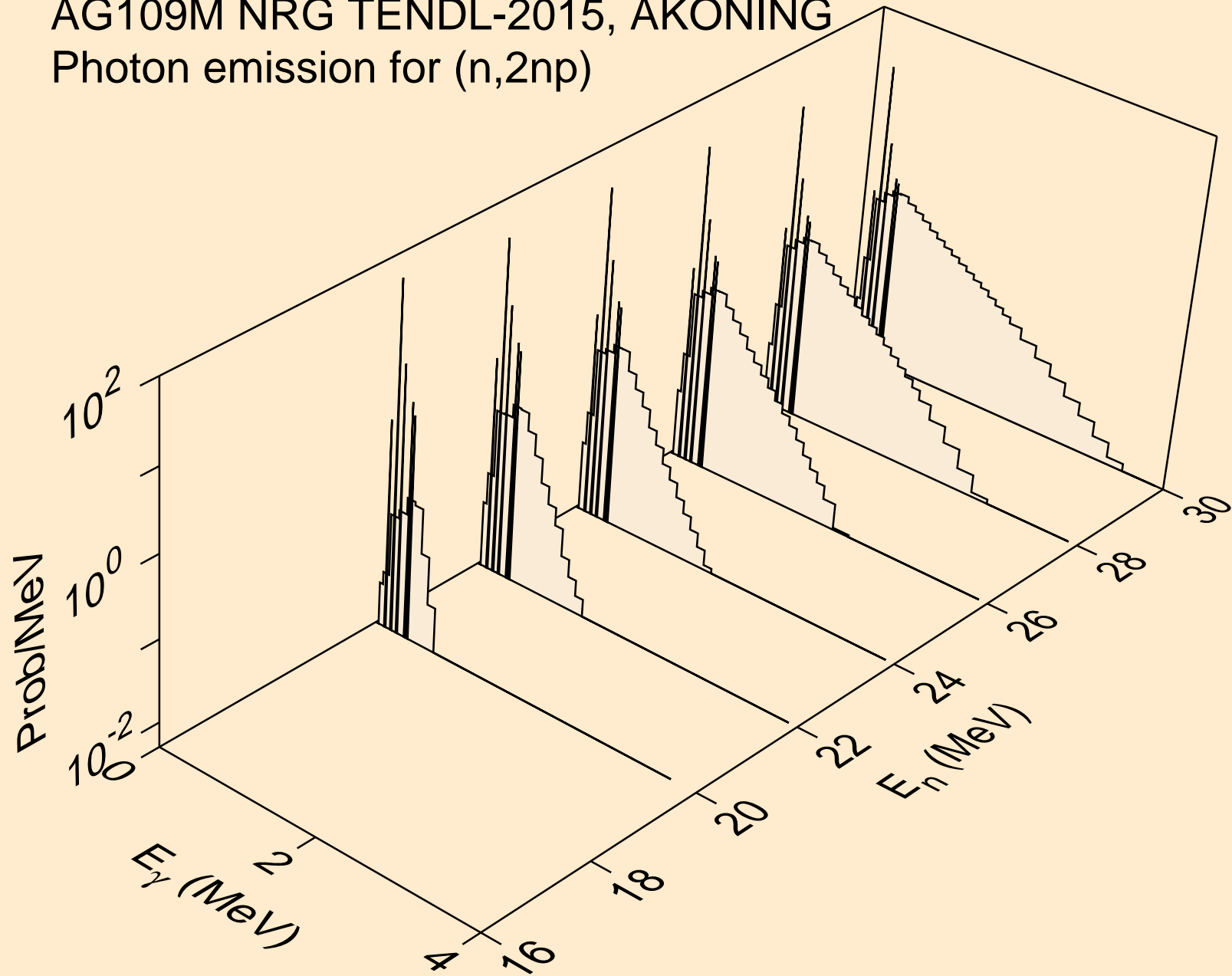


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Photon emission for (n,3np)

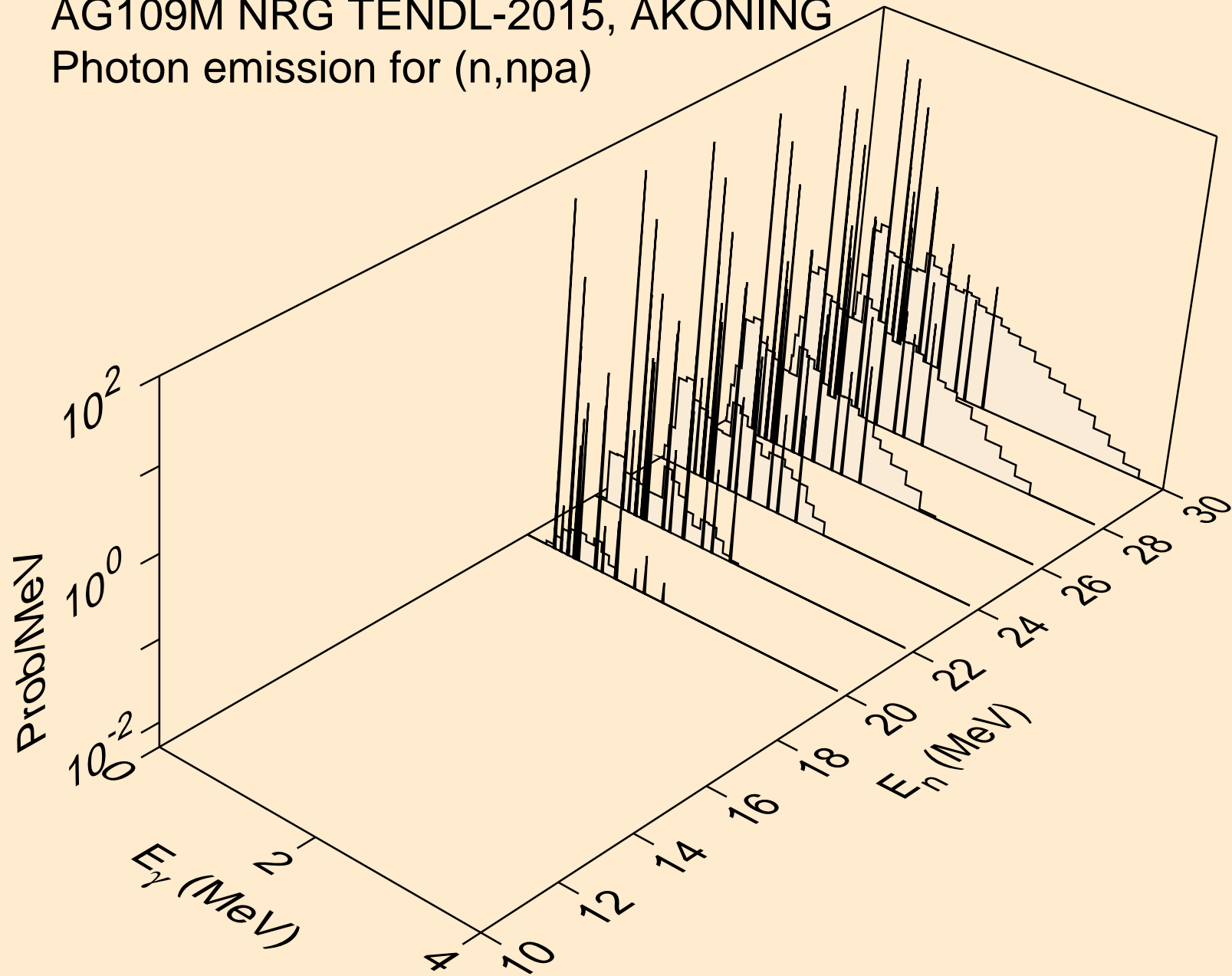




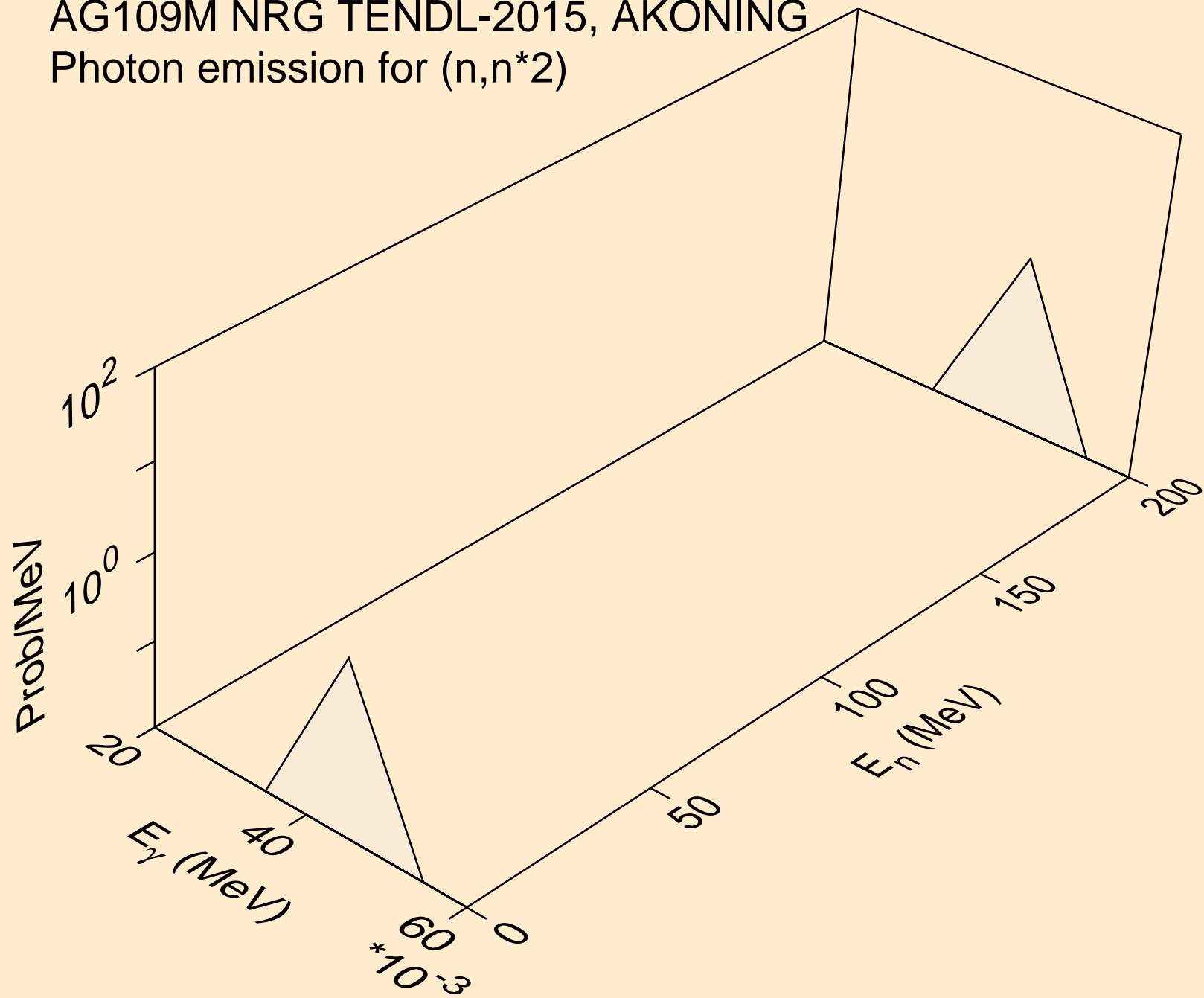
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Photon emission for (n,2np)



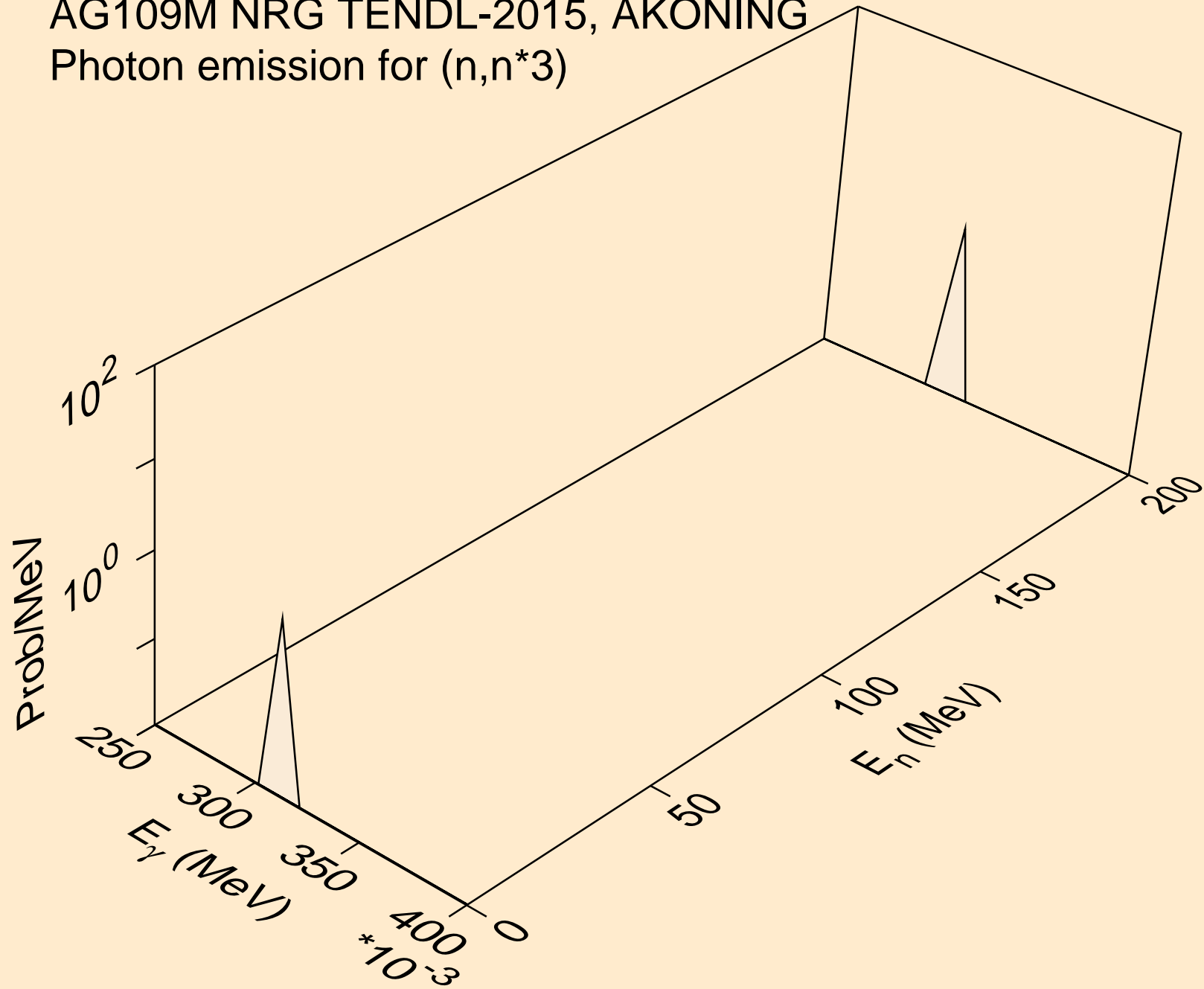
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Photon emission for (n,npa)



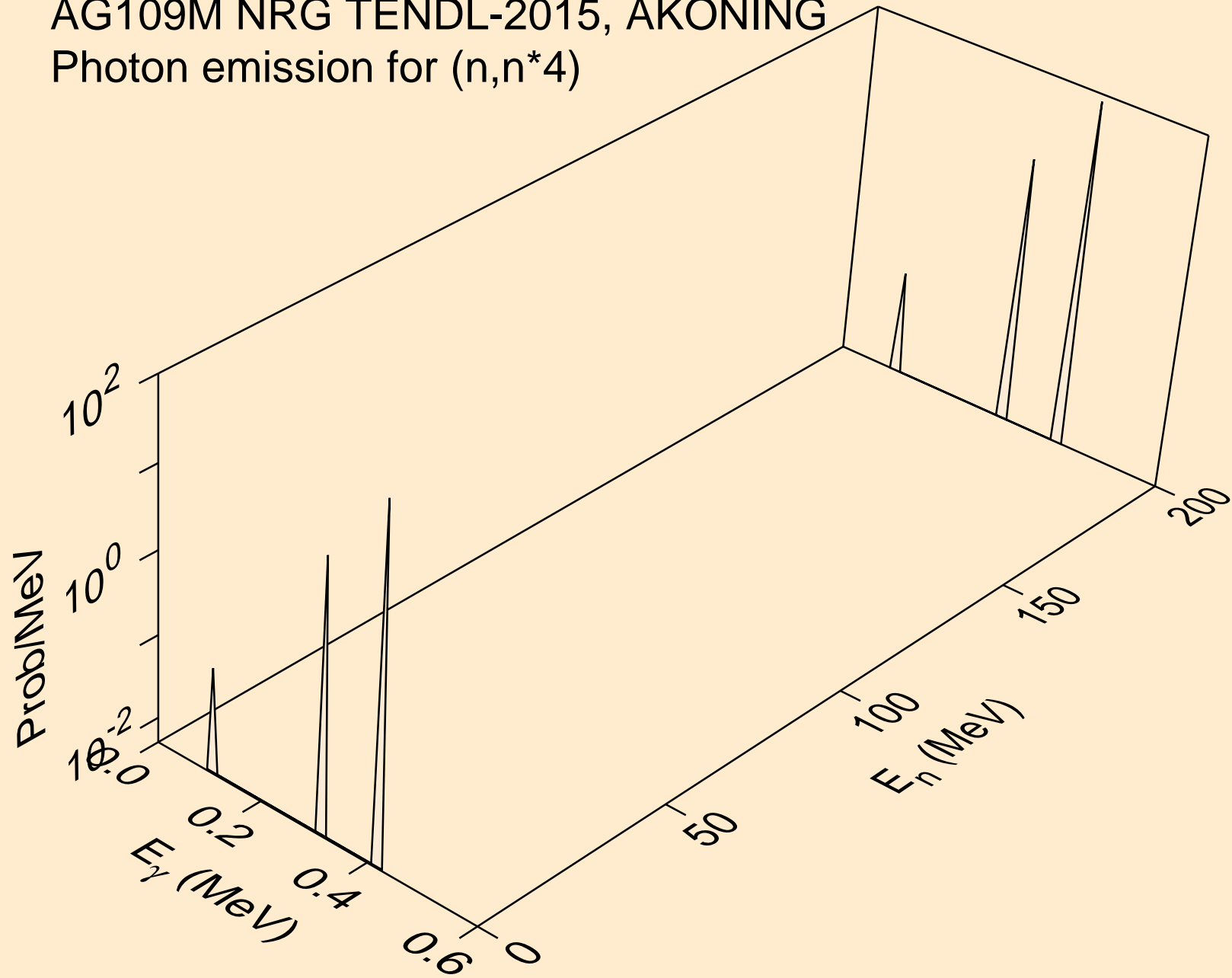
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Photon emission for (n,n\*2)



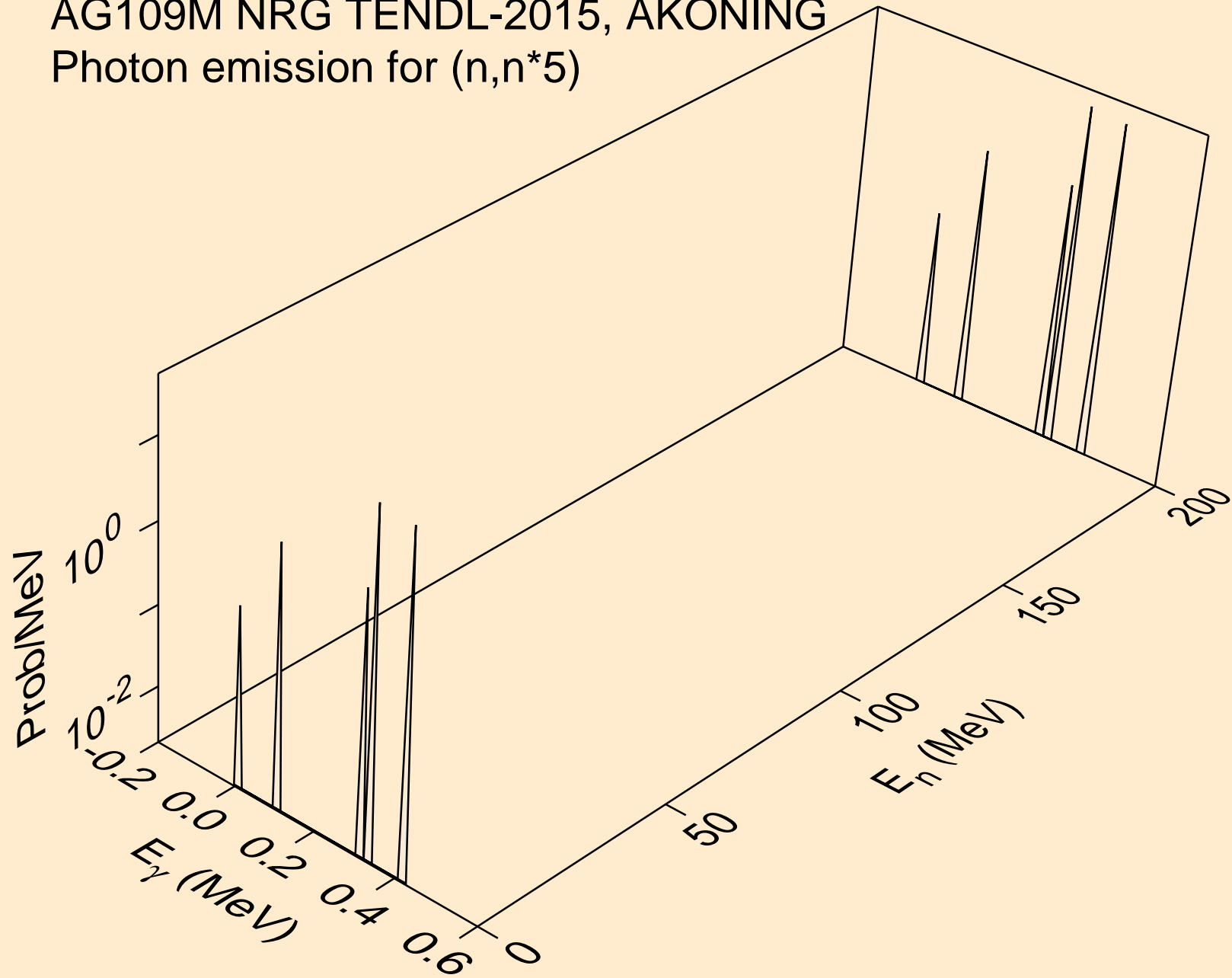
AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)



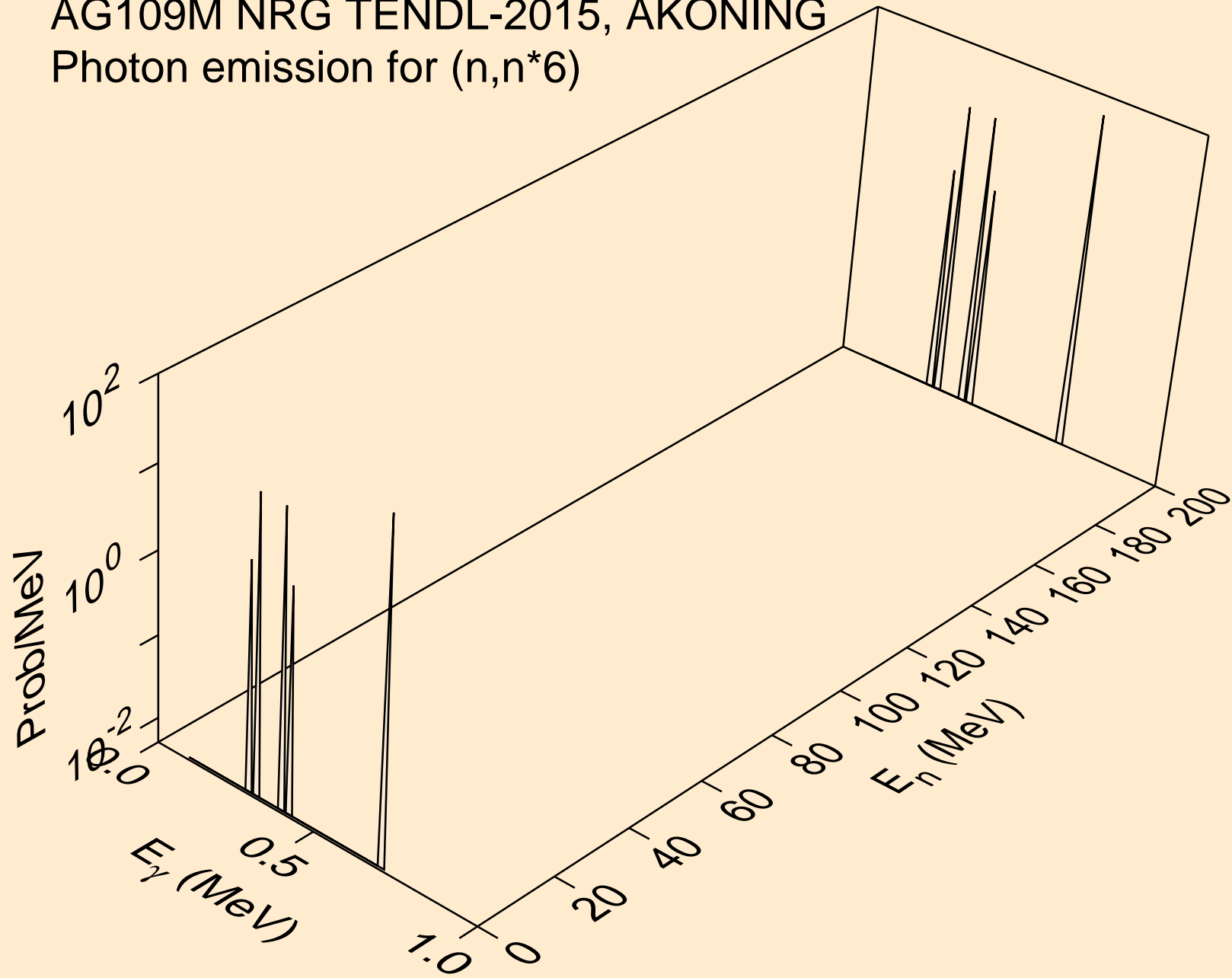
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Photon emission for (n,n\*4)



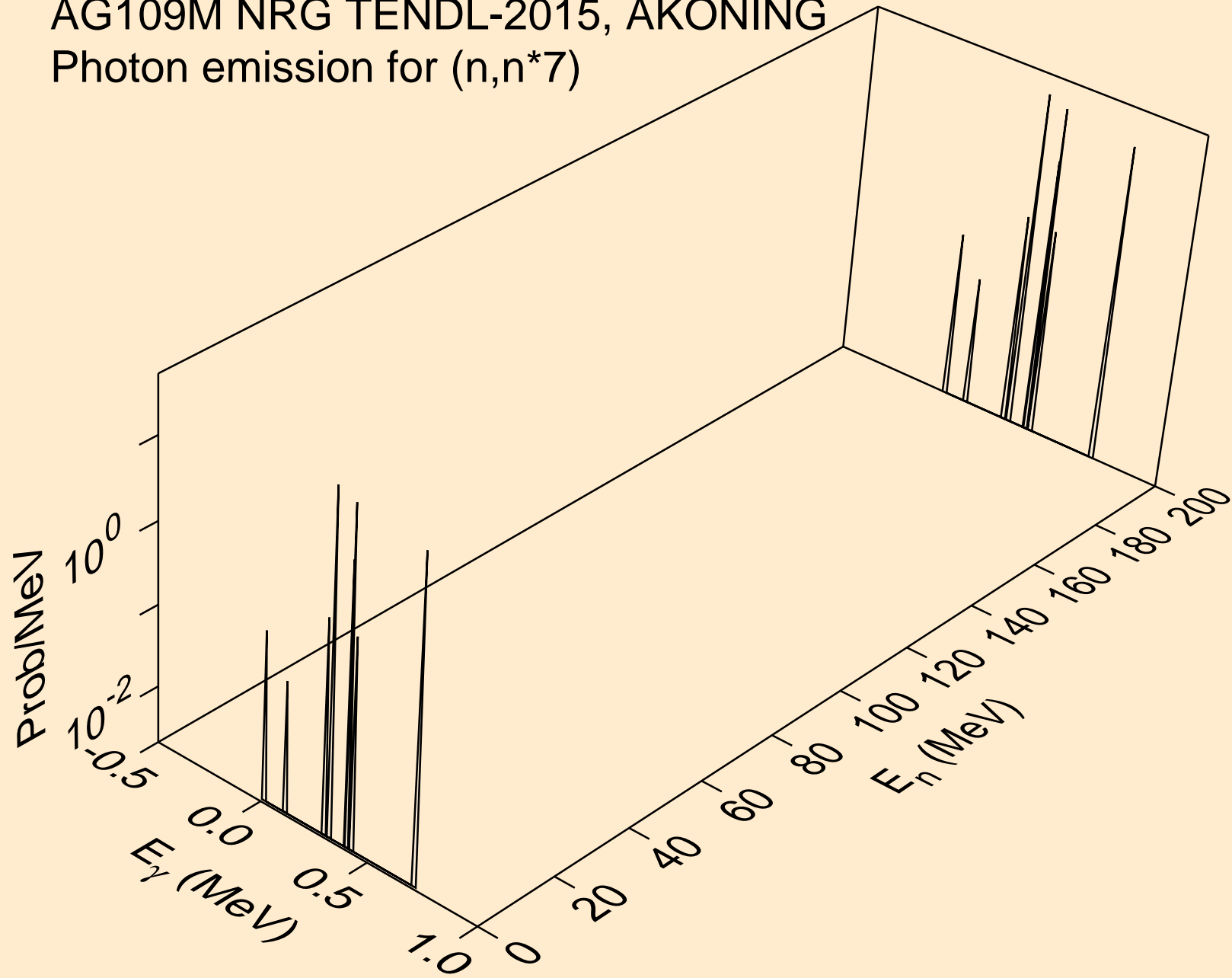
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Photon emission for (n,n\*5)



AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)

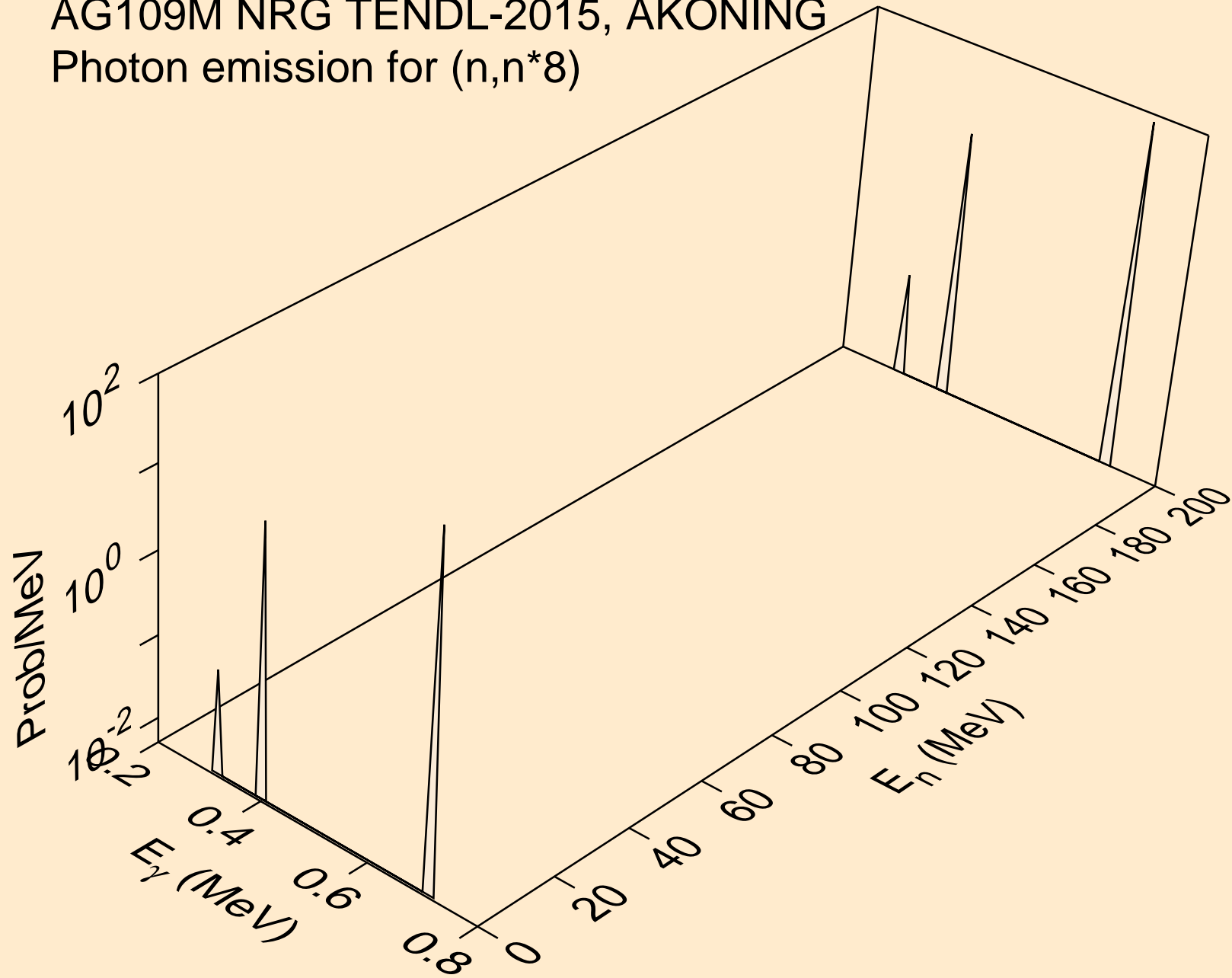


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Photon emission for (n,n\*7)

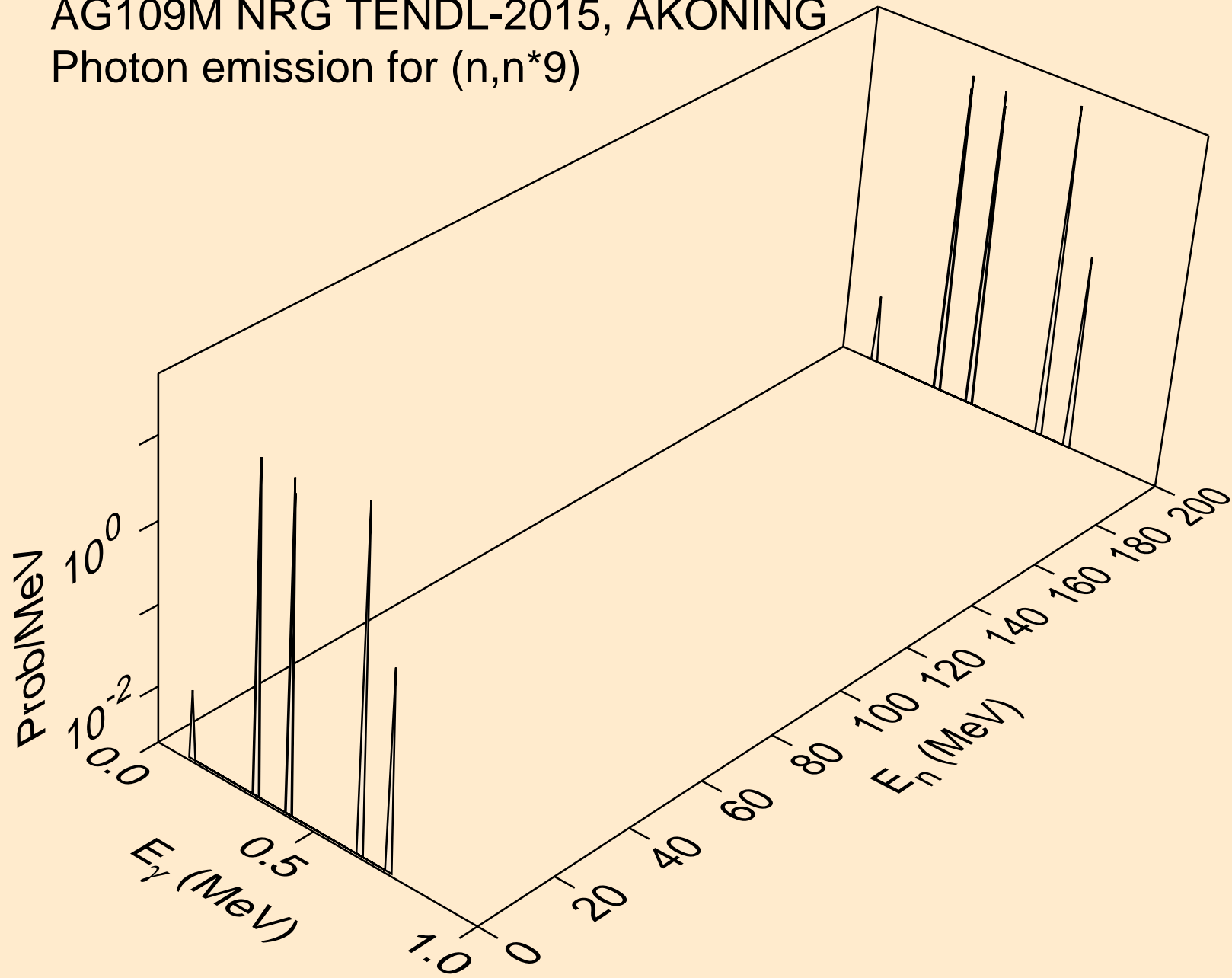




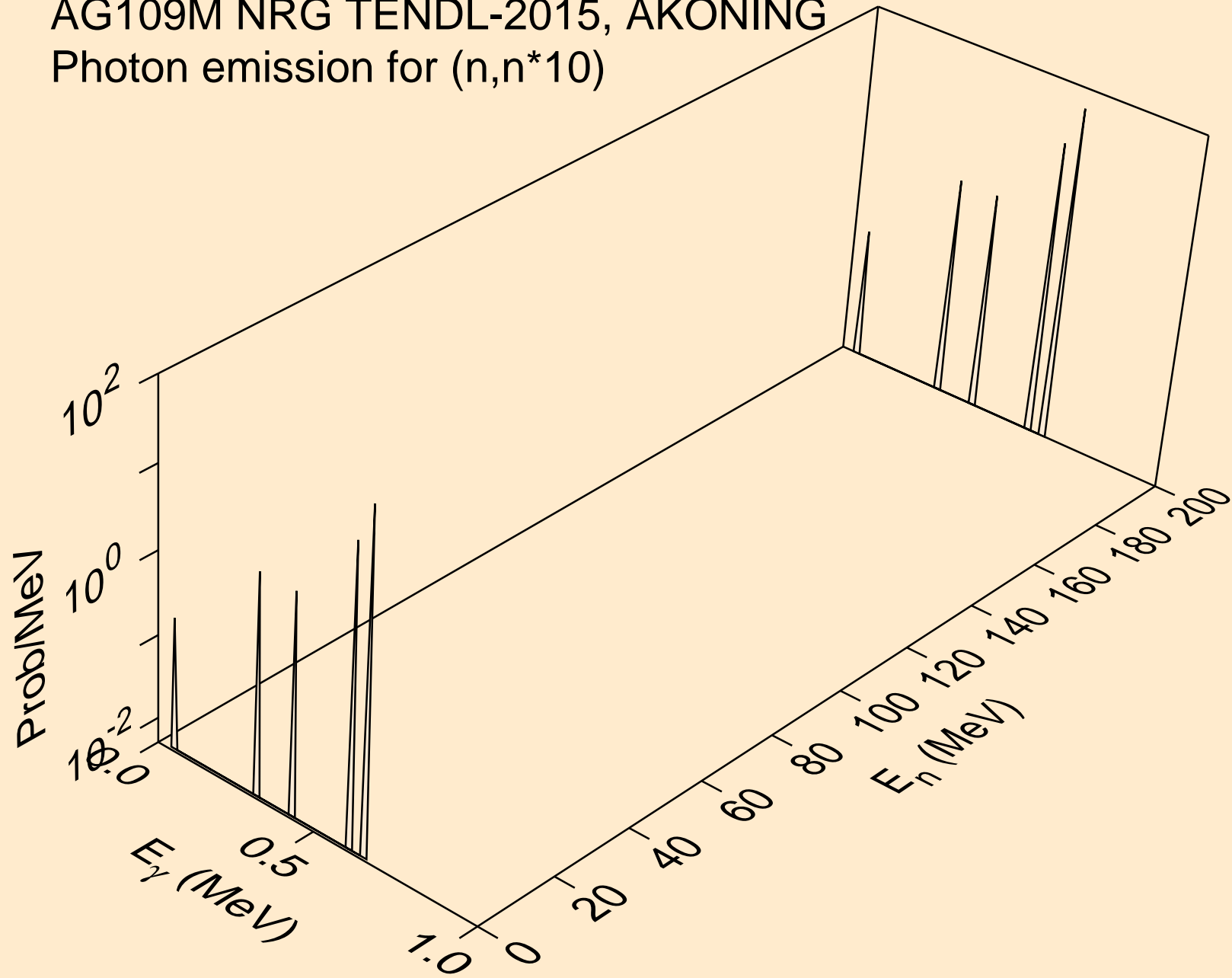
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Photon emission for (n,n\*8)



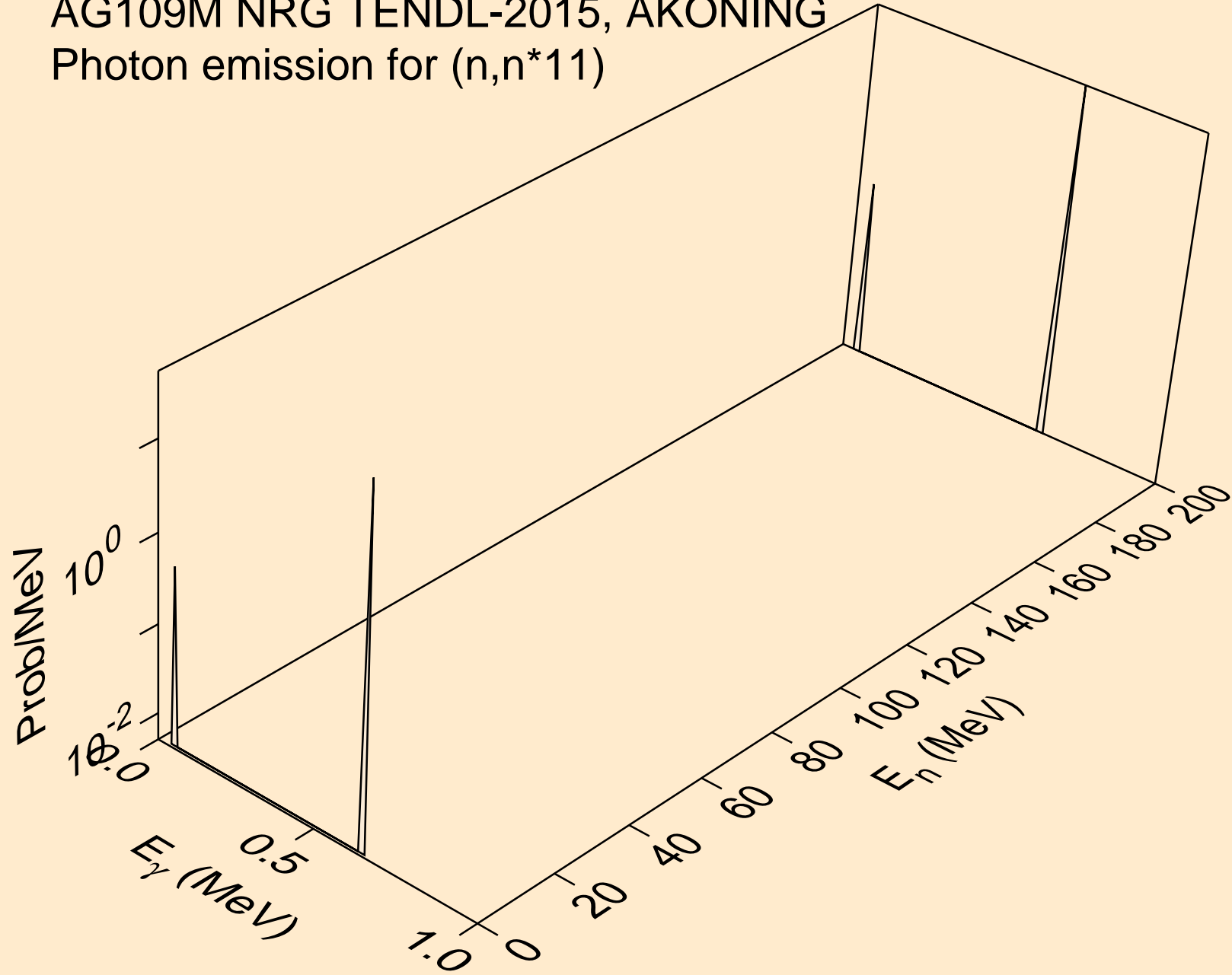
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Photon emission for (n,n\*9)



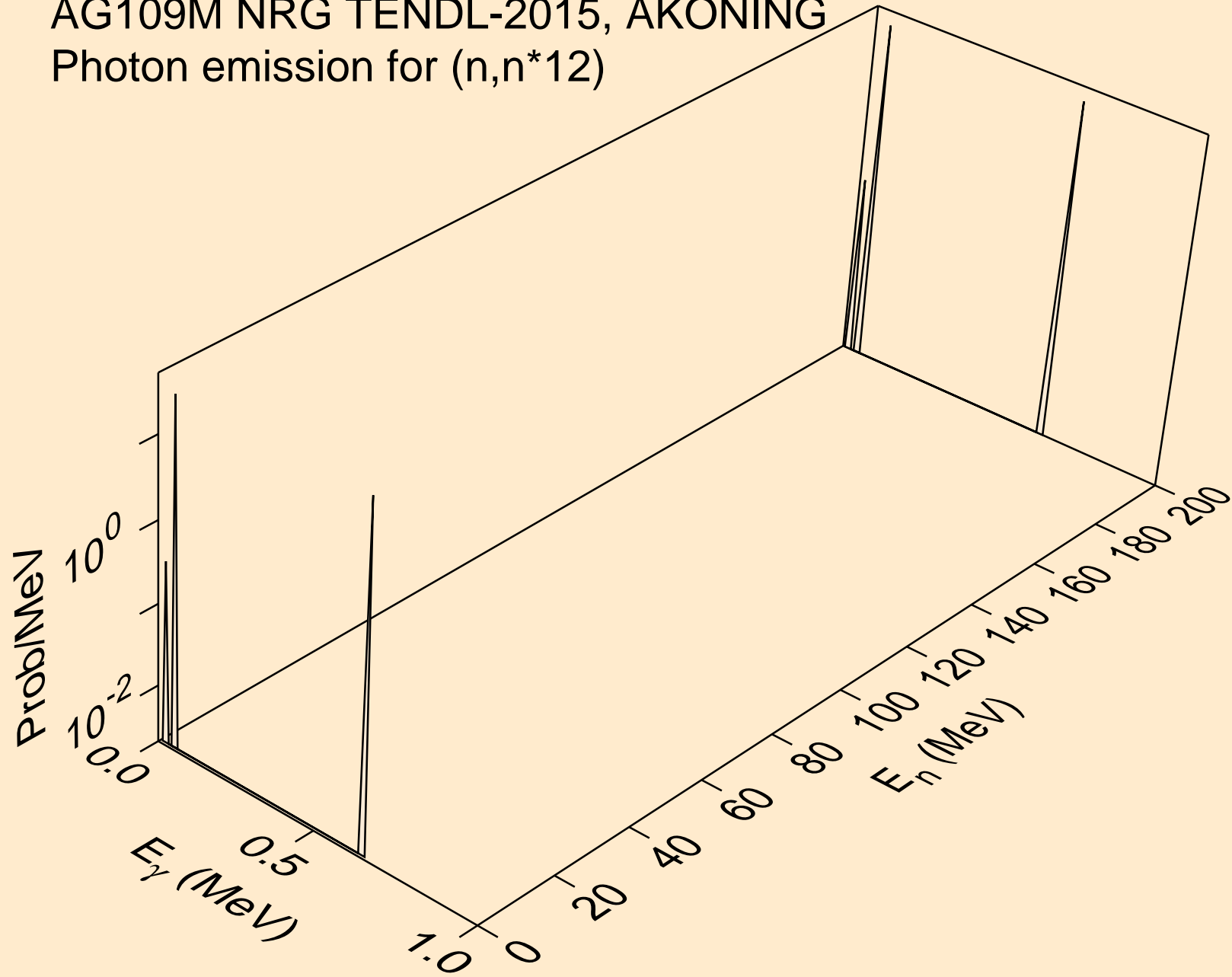
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Photon emission for (n,n\*10)



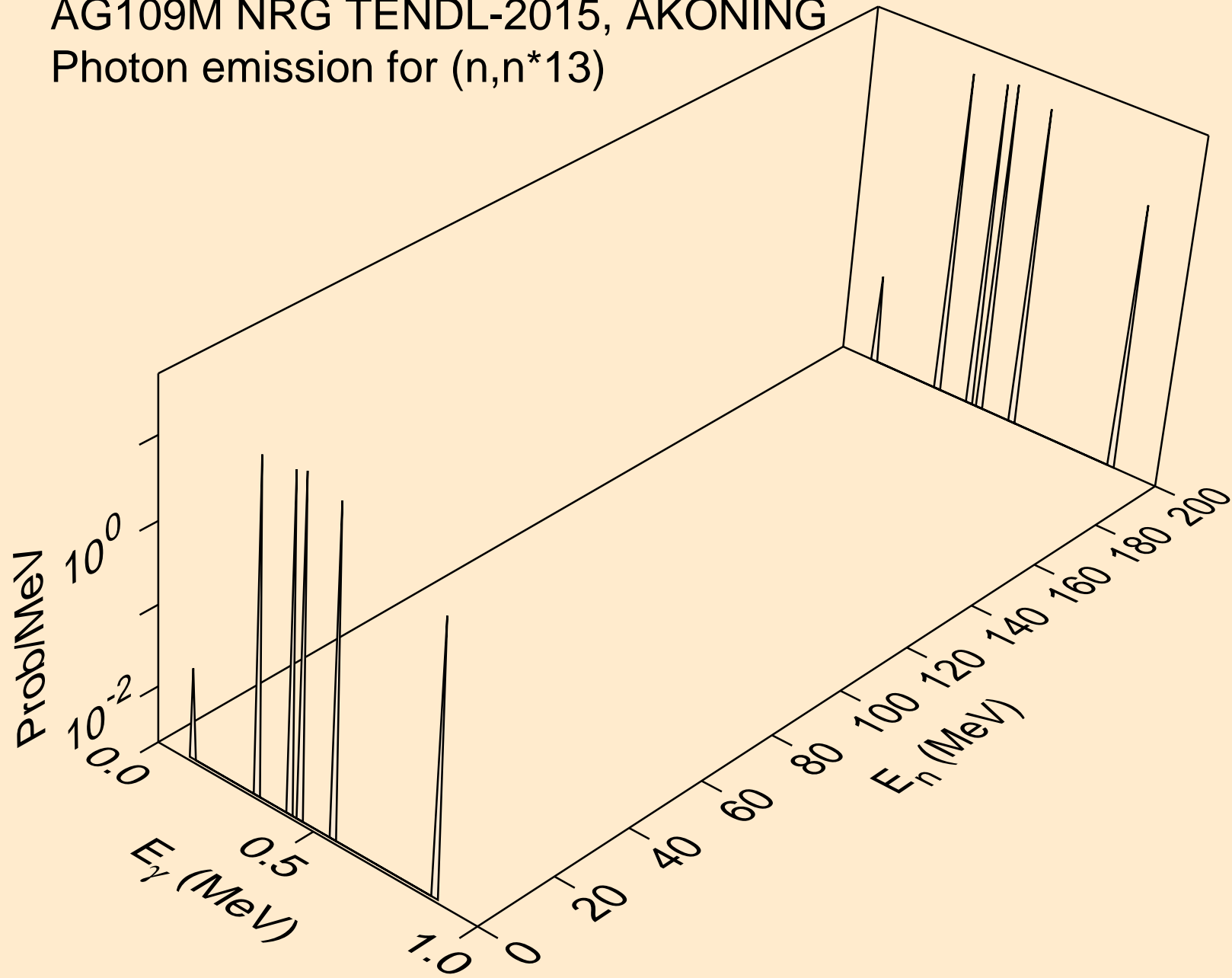
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Photon emission for (n,n\*11)



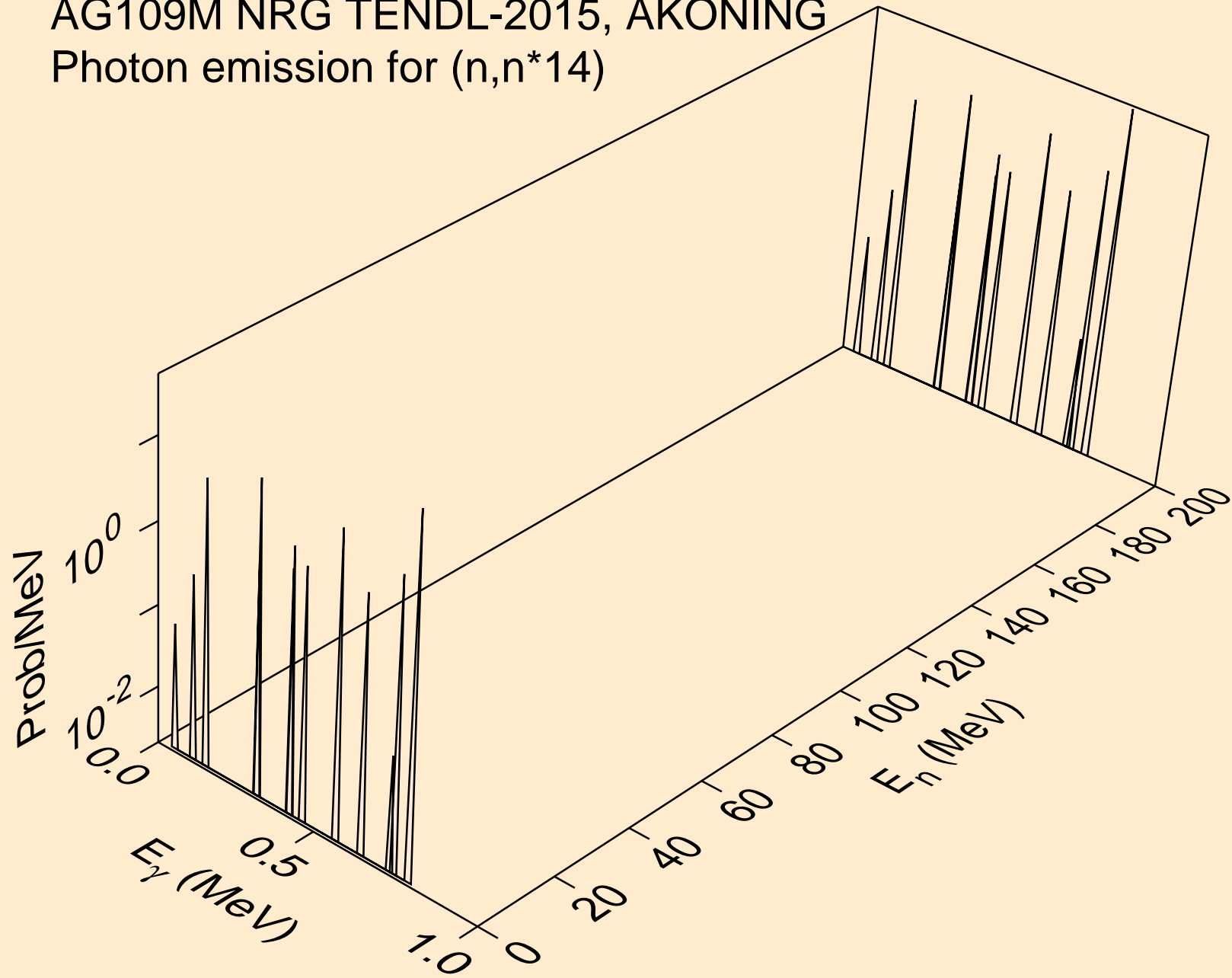
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Photon emission for (n,n\*12)



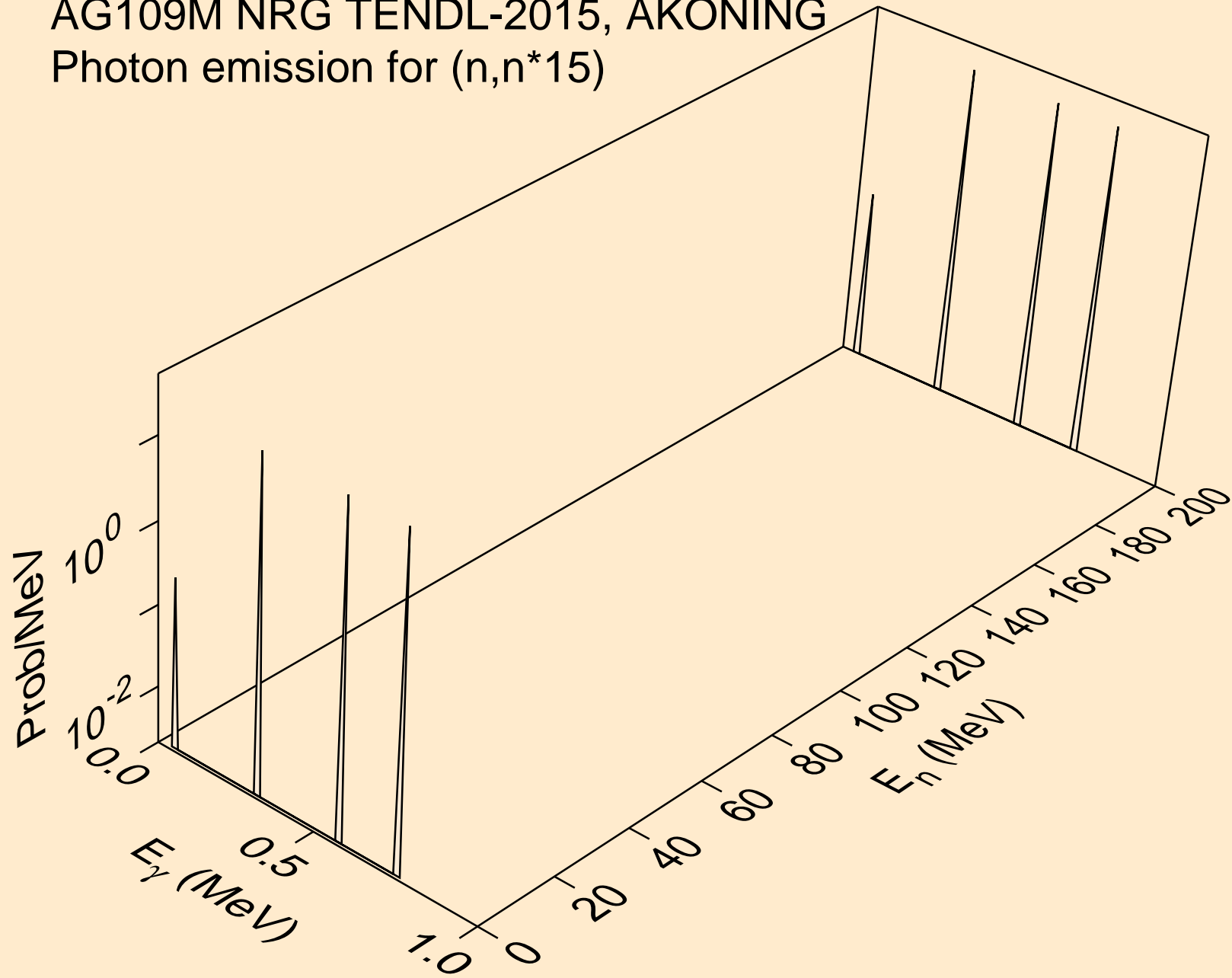
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Photon emission for (n,n\*13)



AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*14)

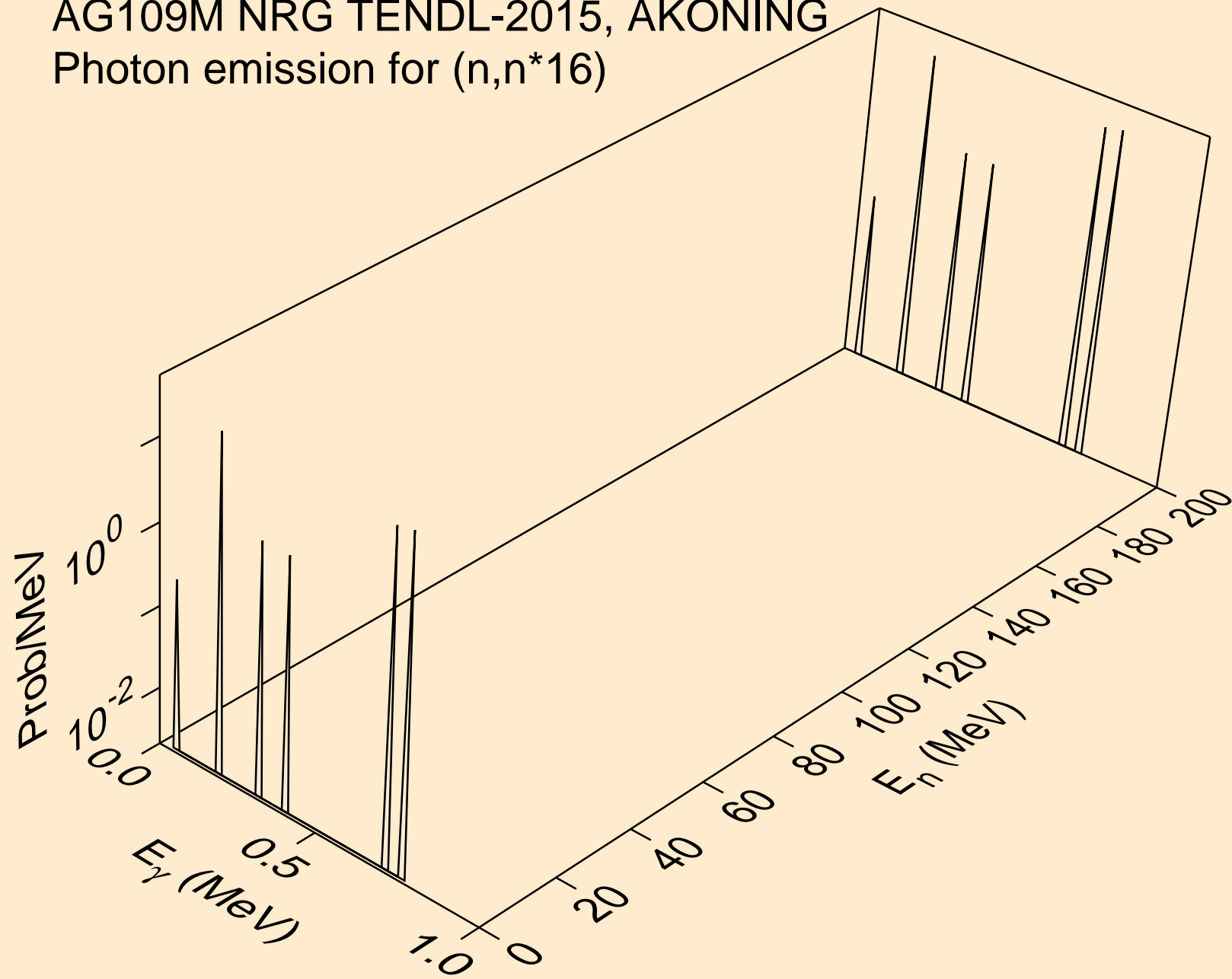


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Photon emission for (n,n\*15)

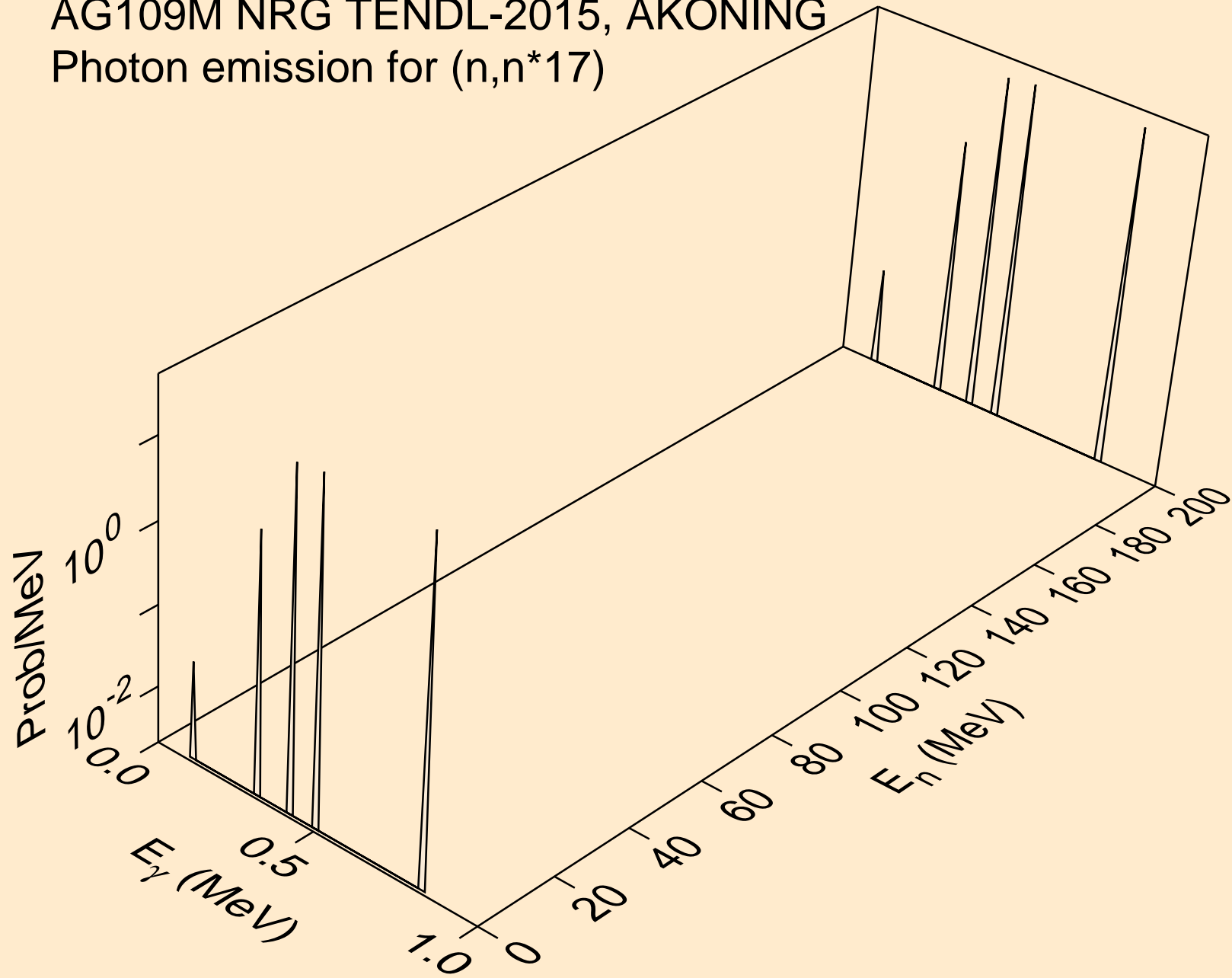




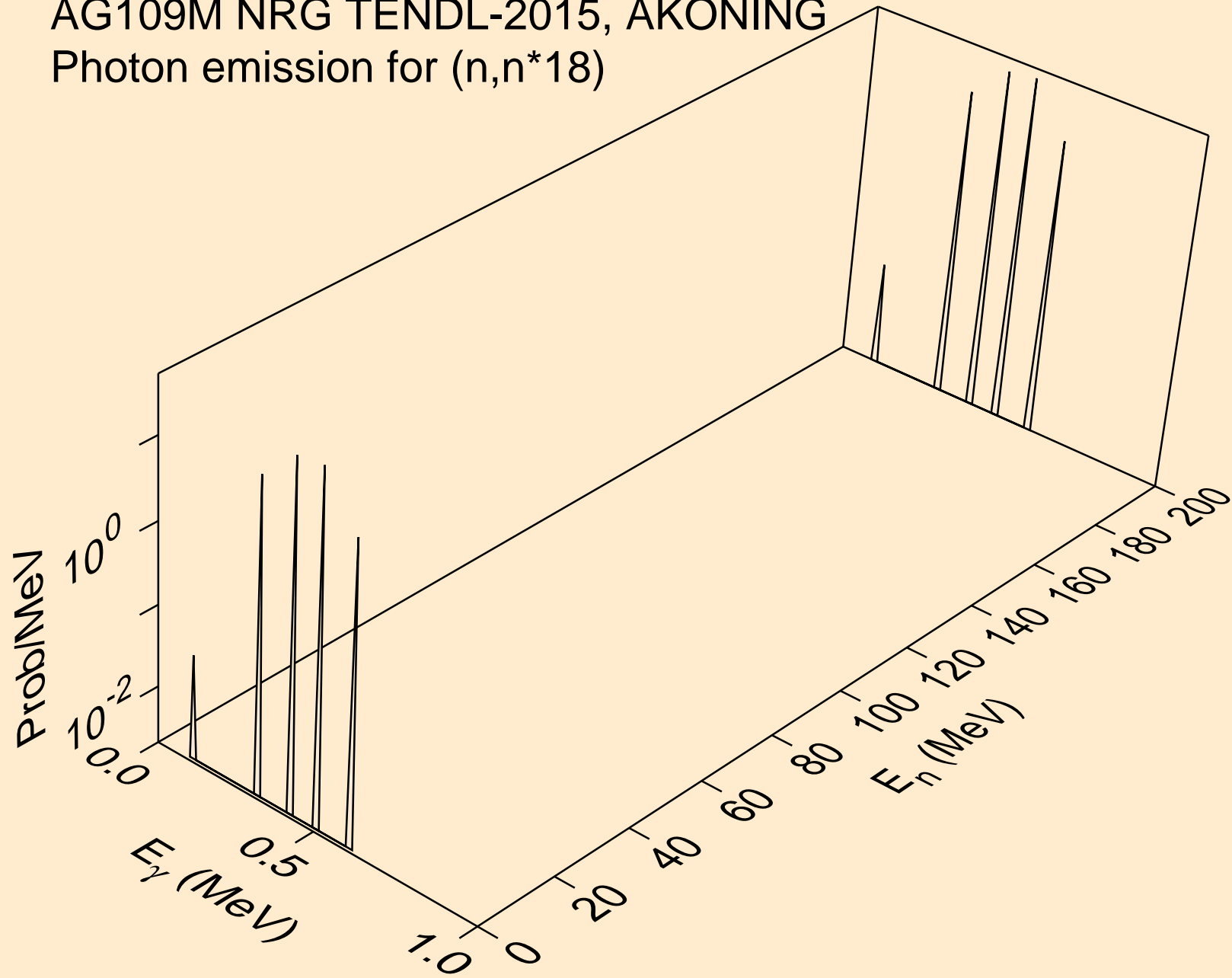
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Photon emission for (n,n\*16)



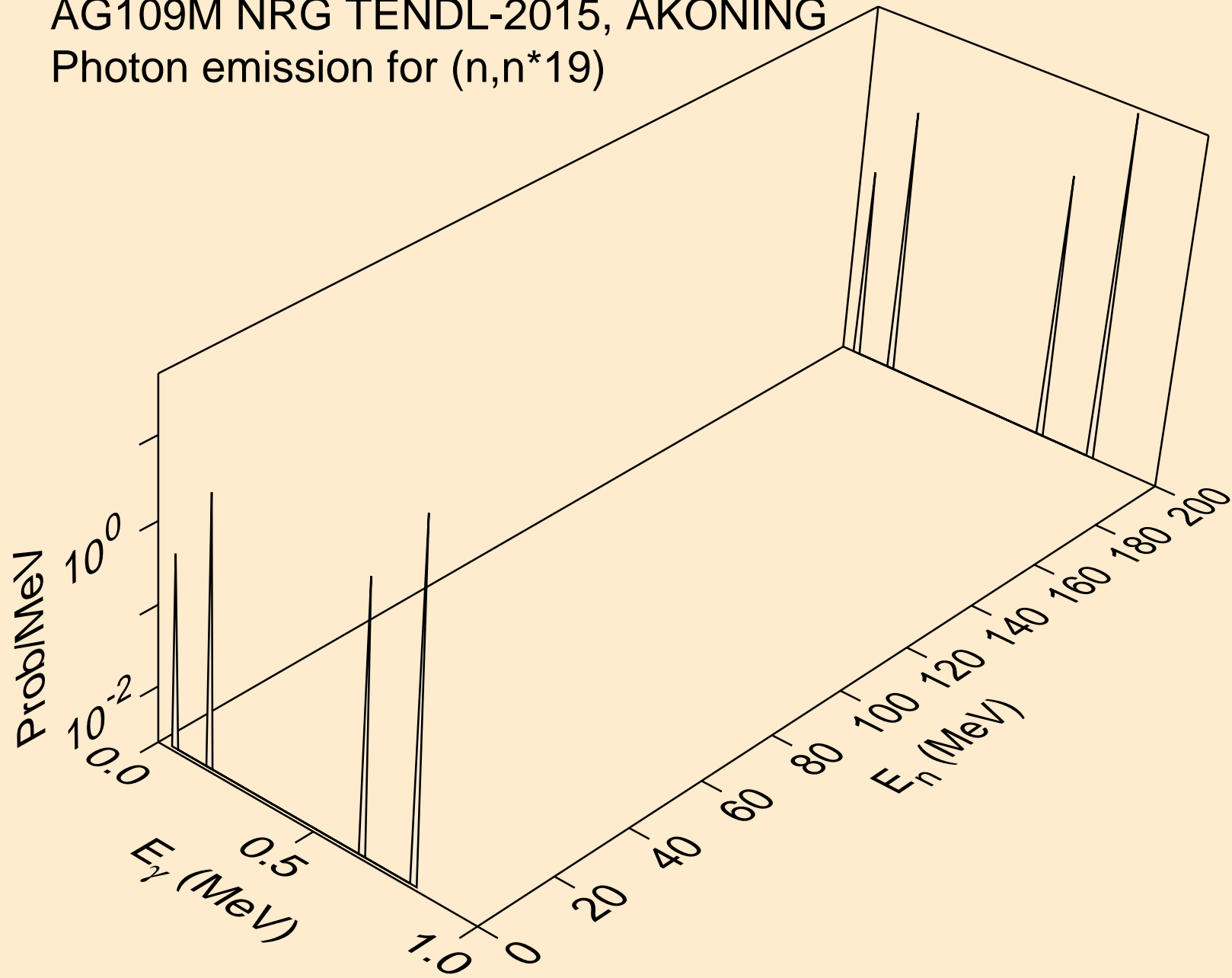
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Photon emission for (n,n\*17)



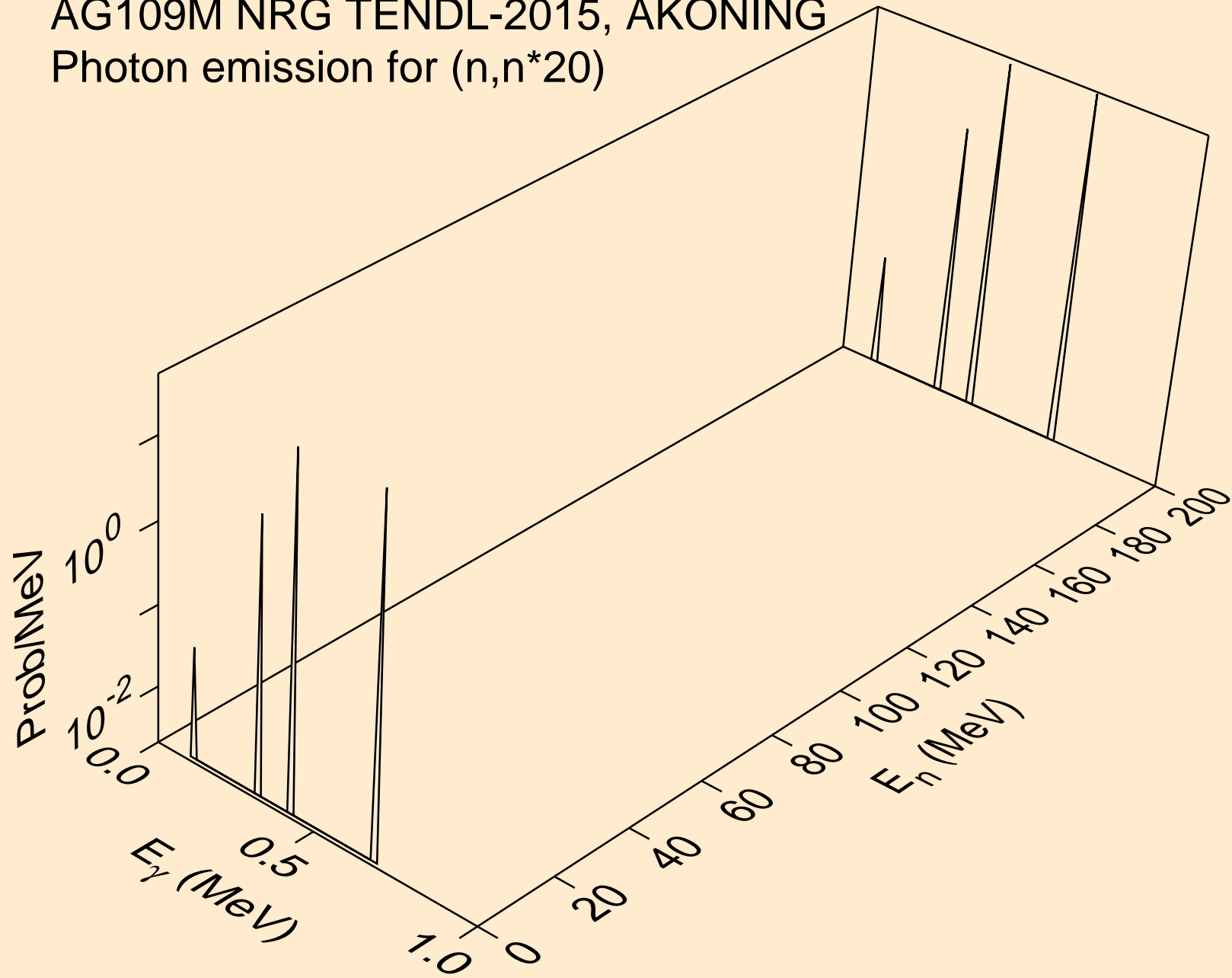
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Photon emission for (n,n\*18)



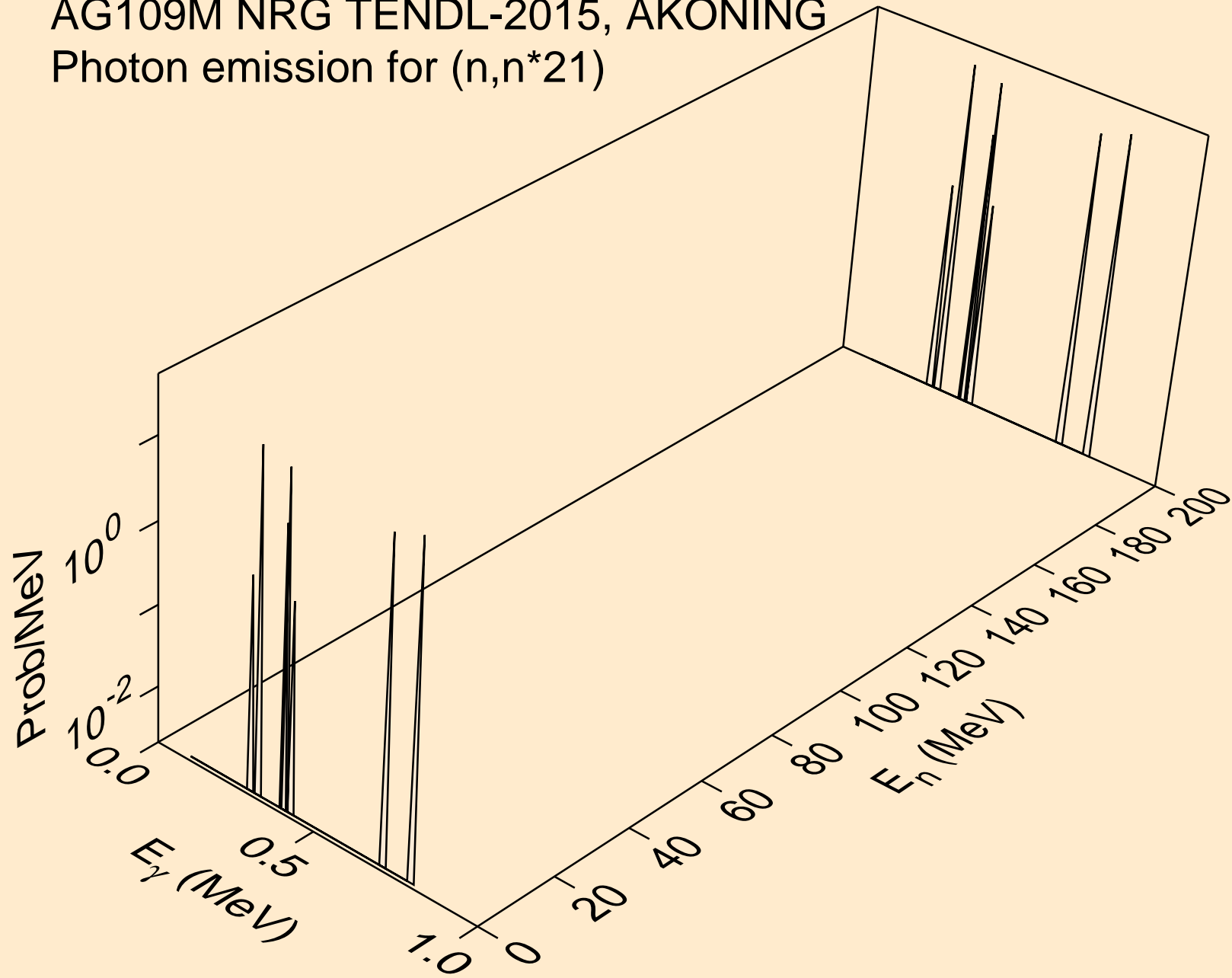
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Photon emission for (n,n\*19)



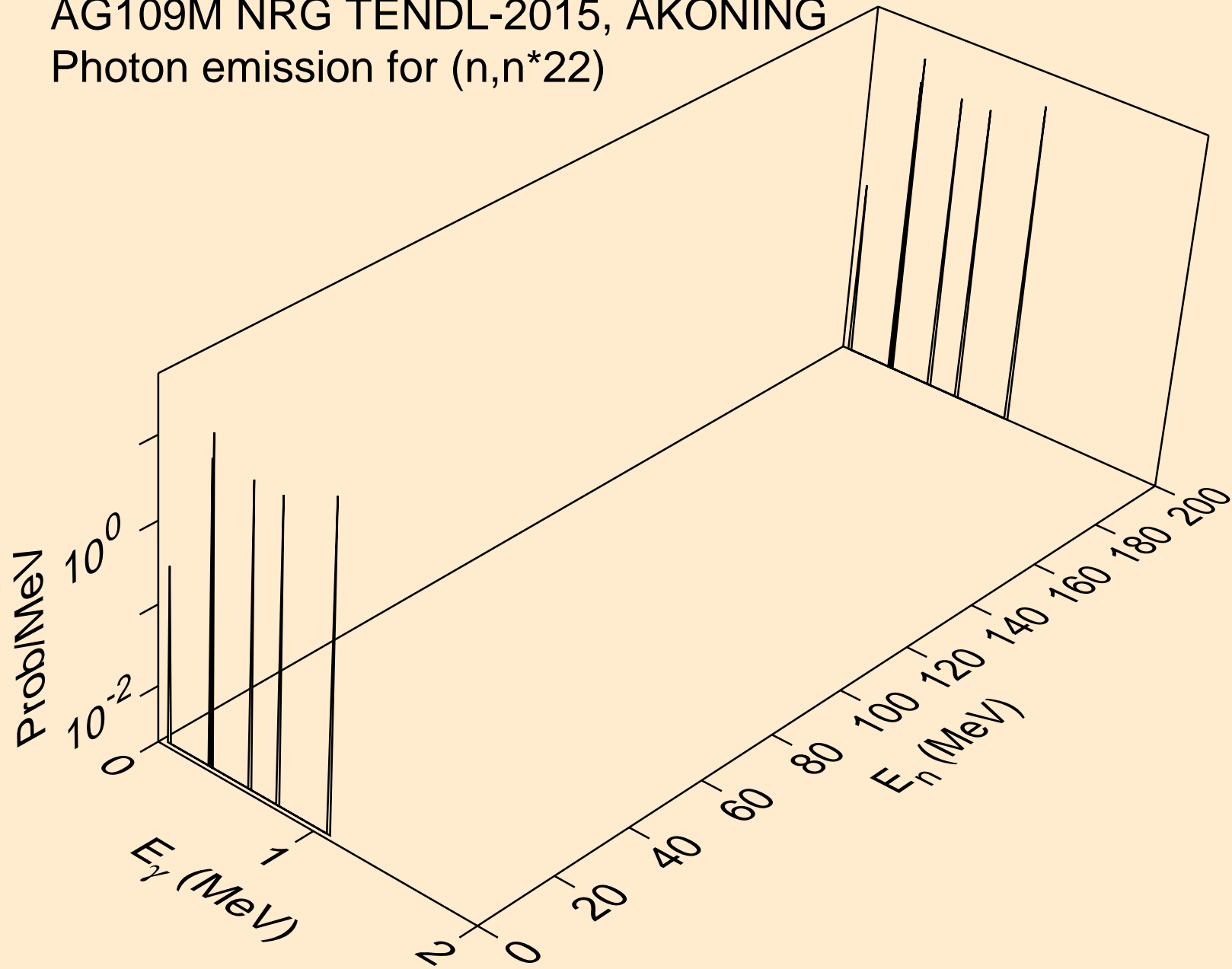
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Photon emission for (n,n\*20)



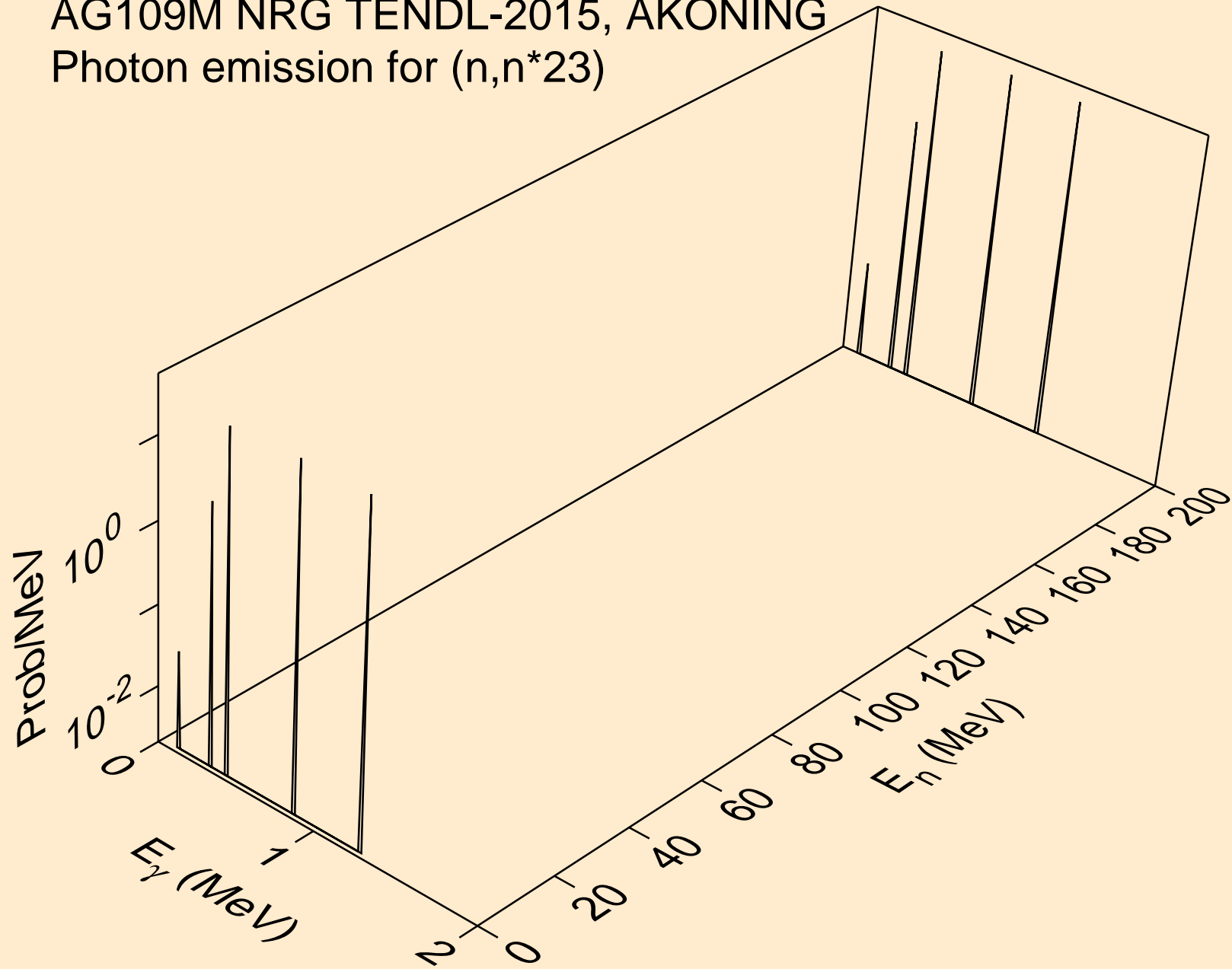
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Photon emission for (n,n\*21)



AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*22)

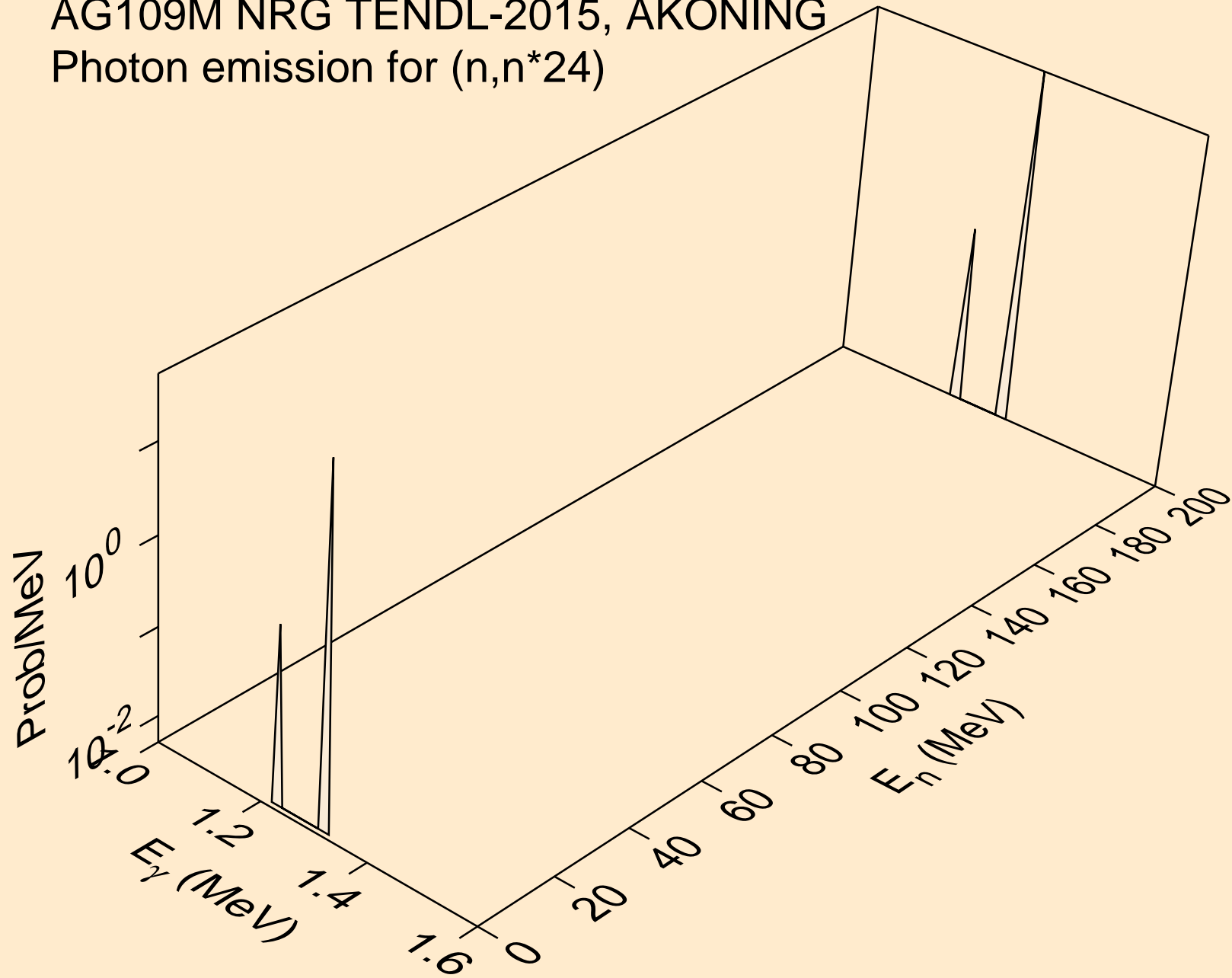


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Photon emission for (n,n\*23)

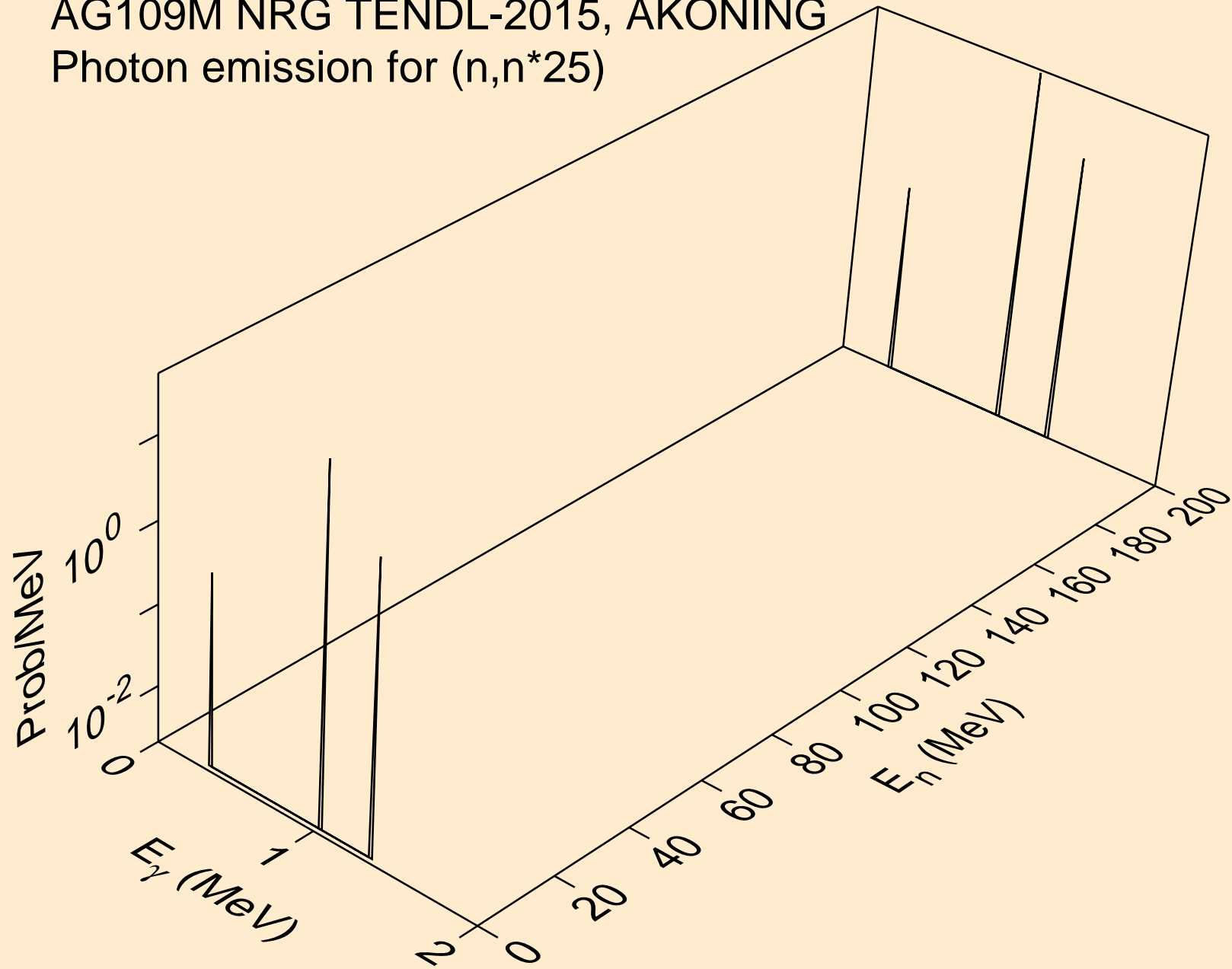




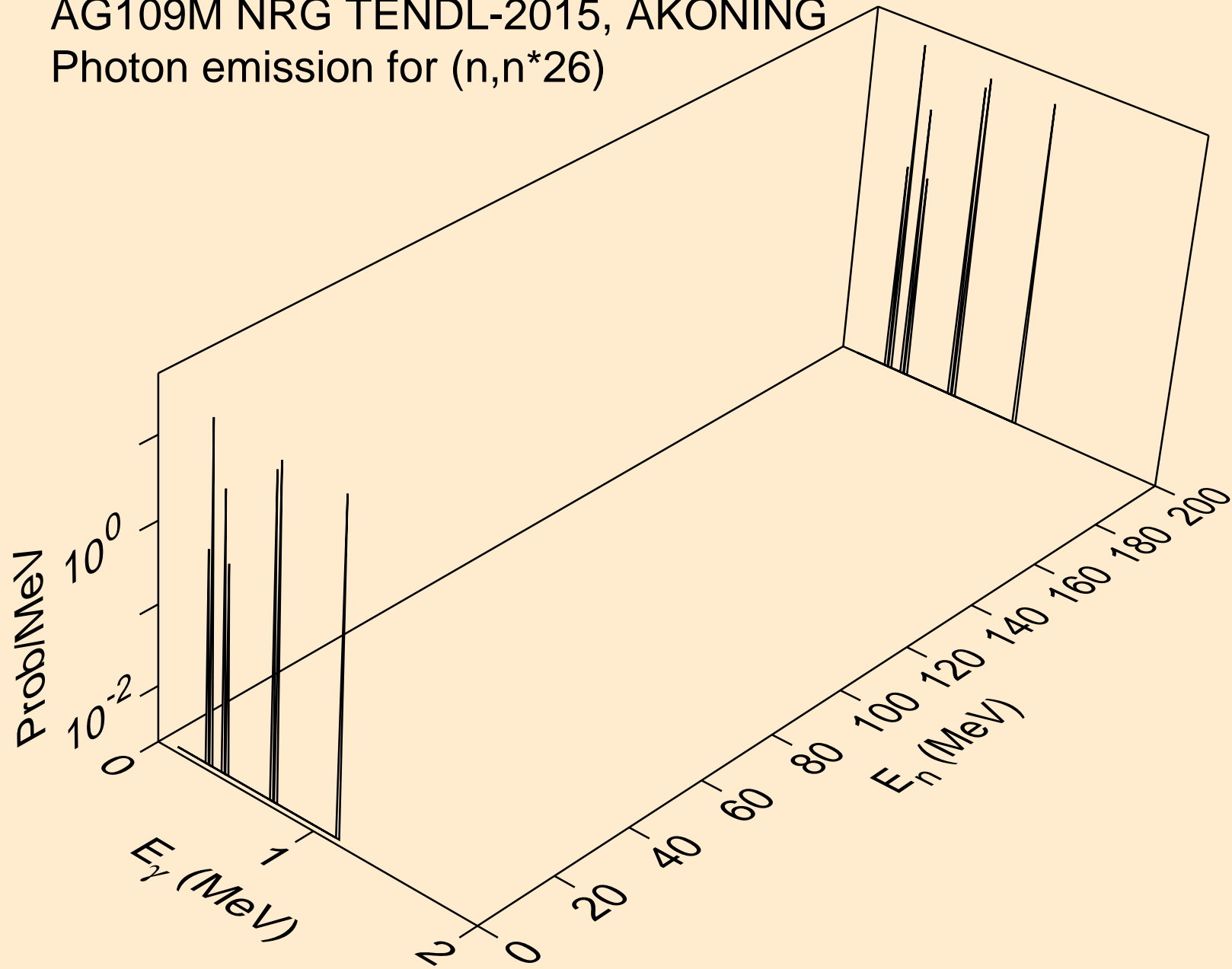
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Photon emission for (n,n\*24)



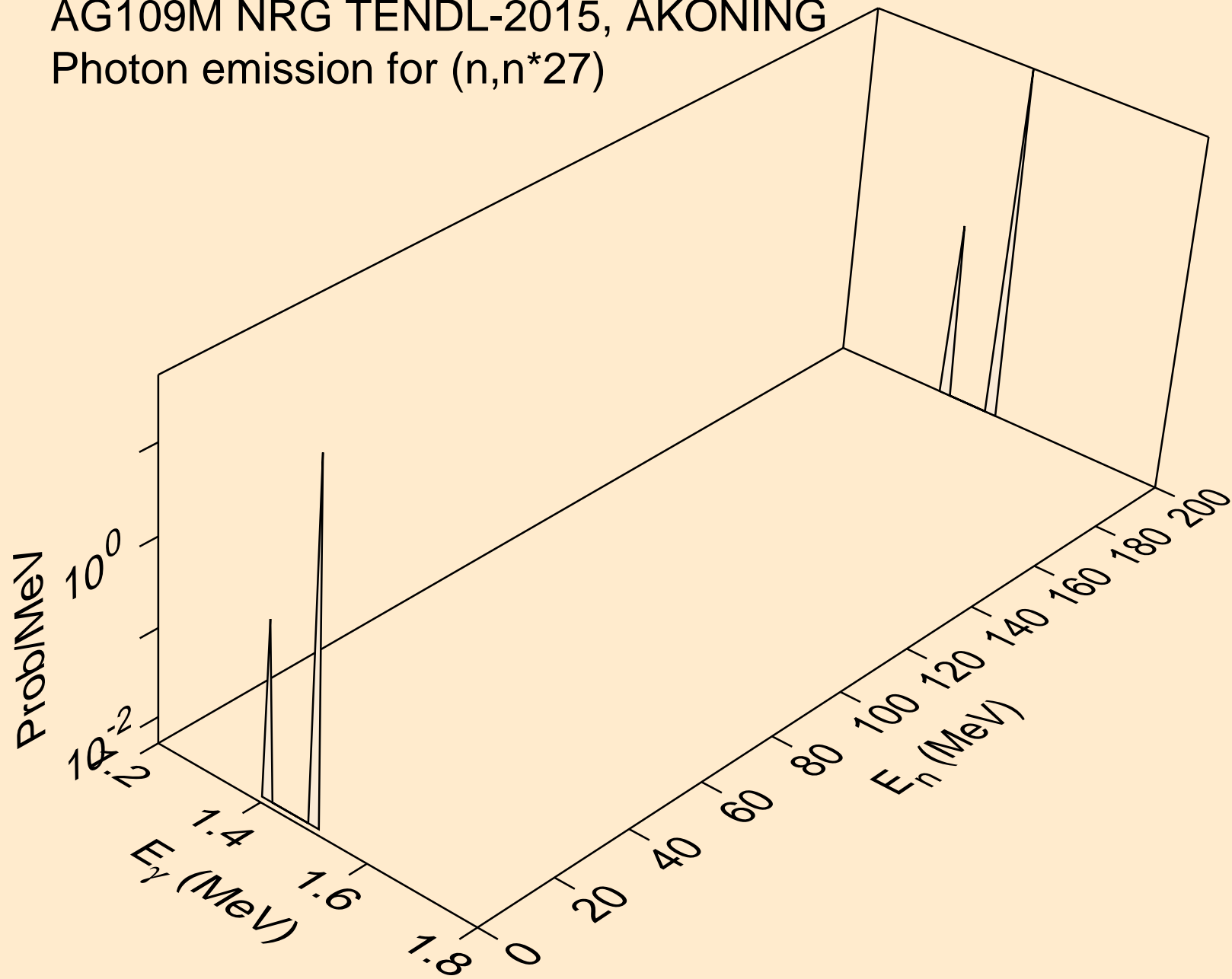
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Photon emission for (n,n\*25)



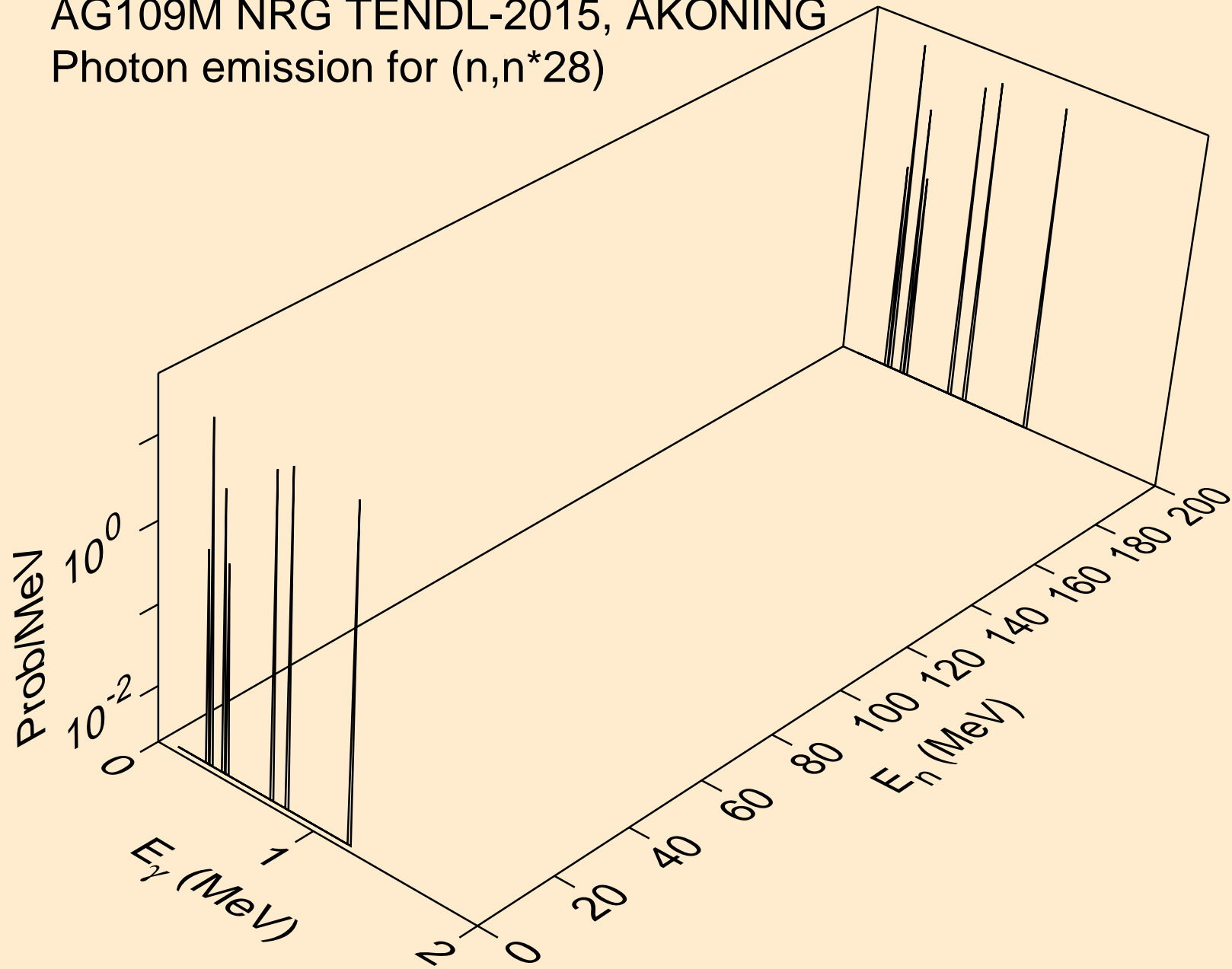
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Photon emission for (n,n\*26)



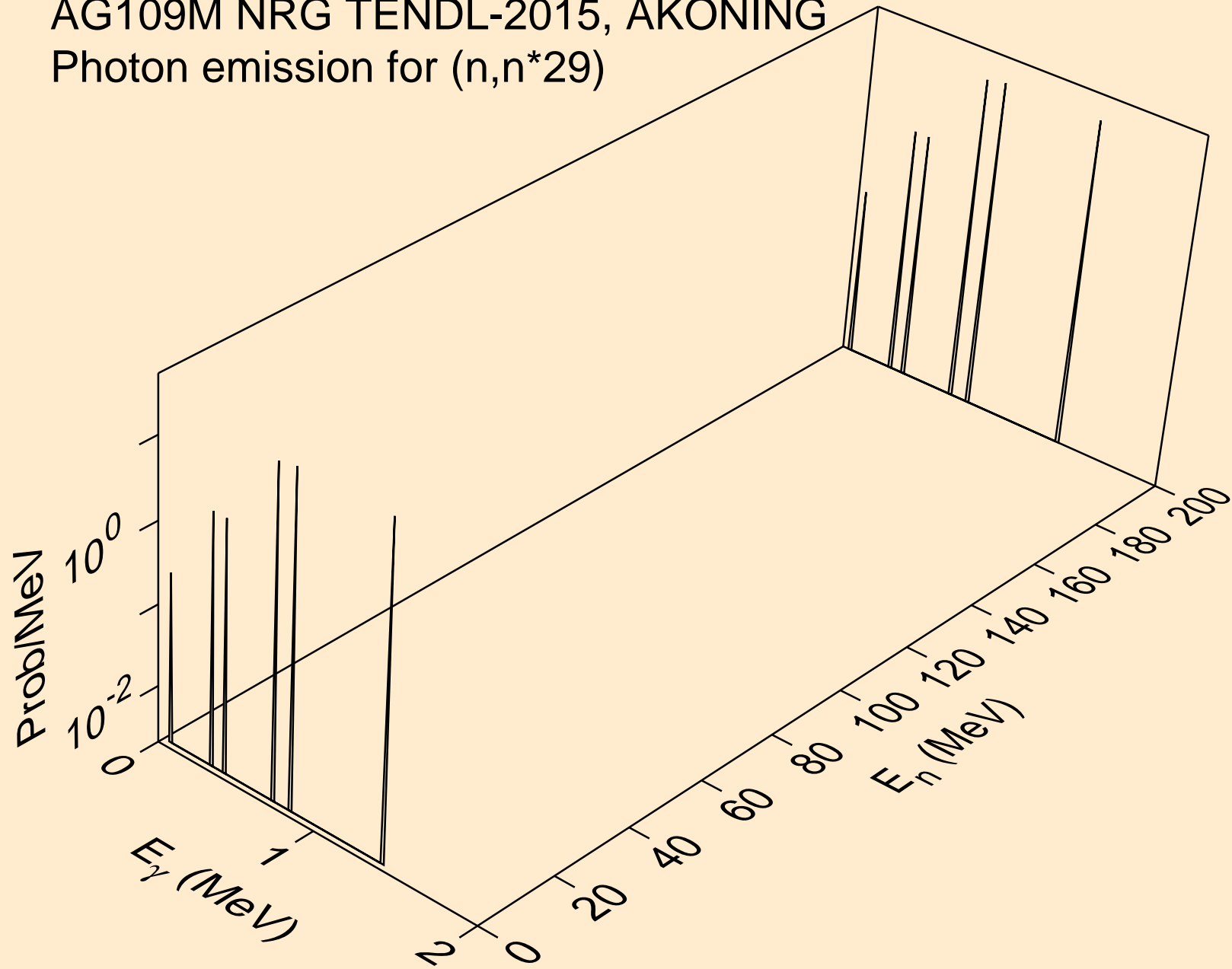
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Photon emission for (n,n\*27)



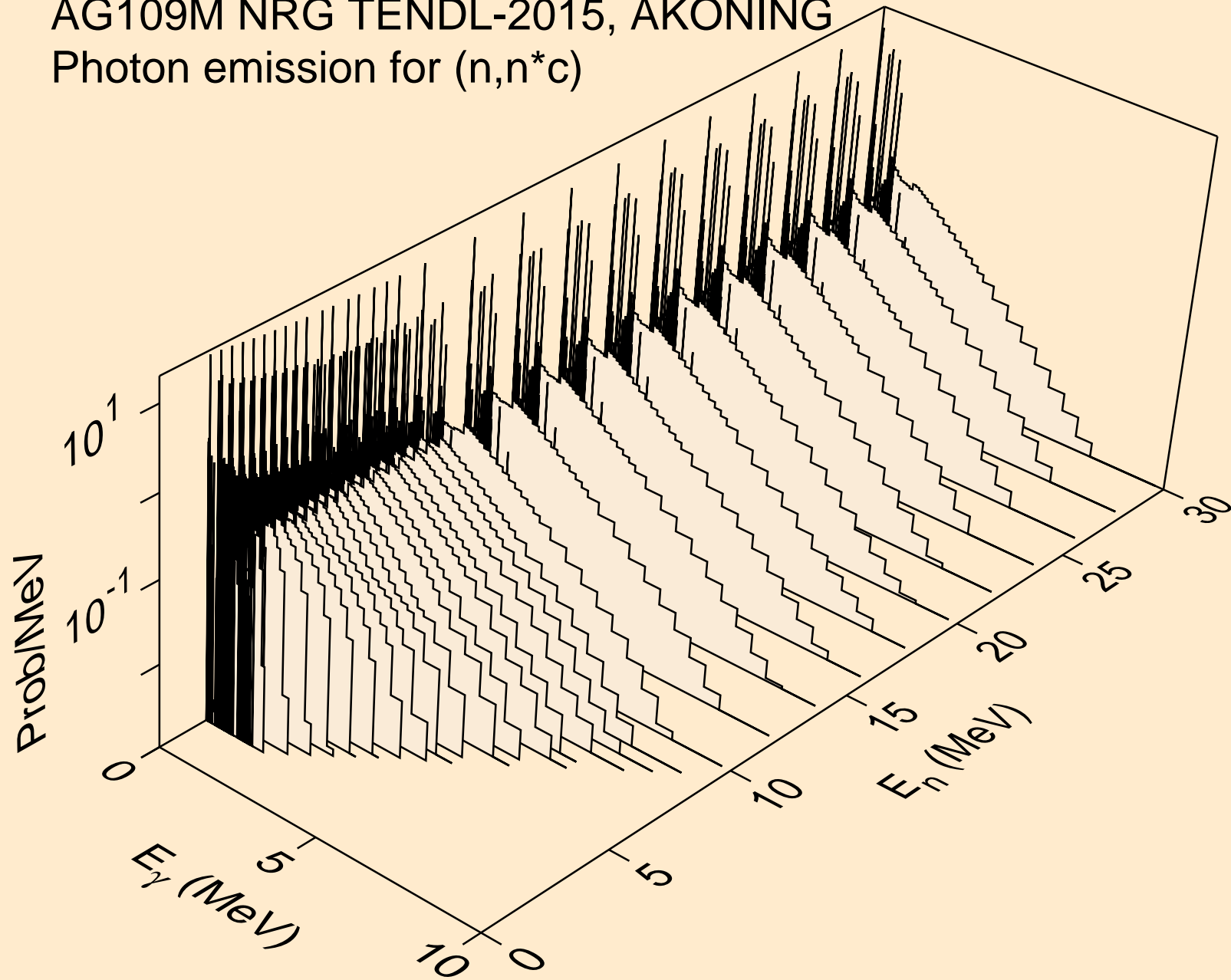
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Photon emission for (n,n\*28)



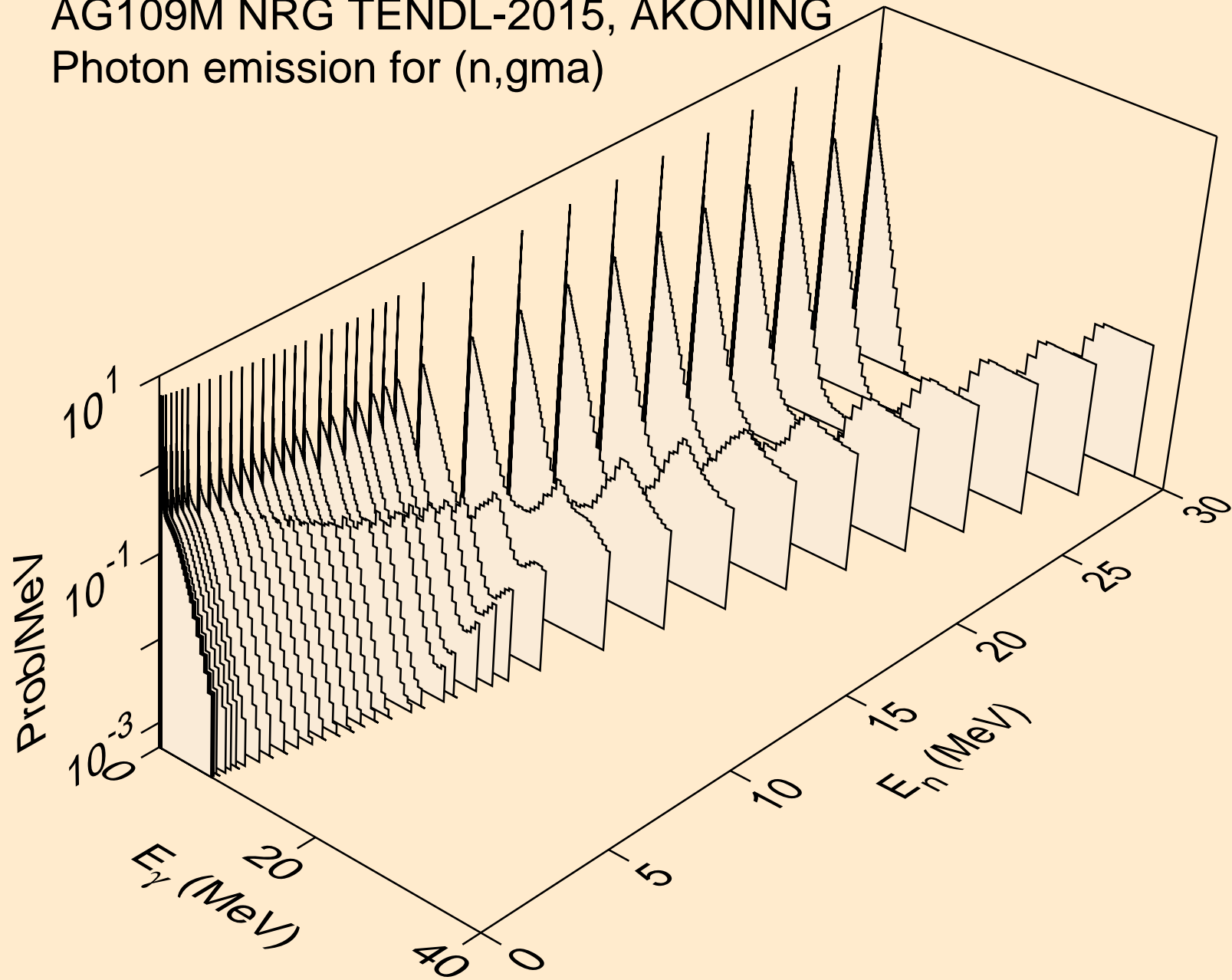
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Photon emission for (n,n\*29)



AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

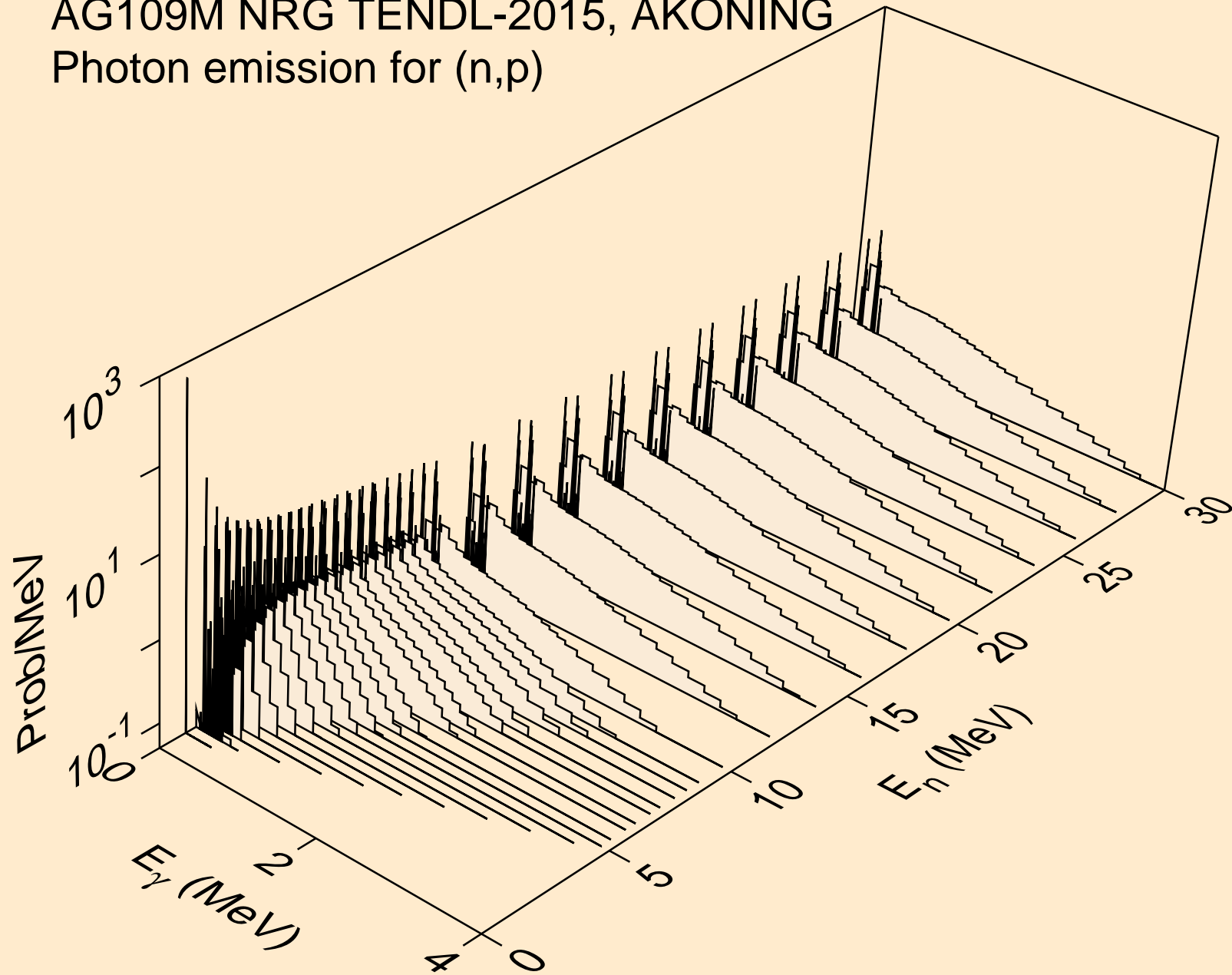


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Photon emission for (n,gma)

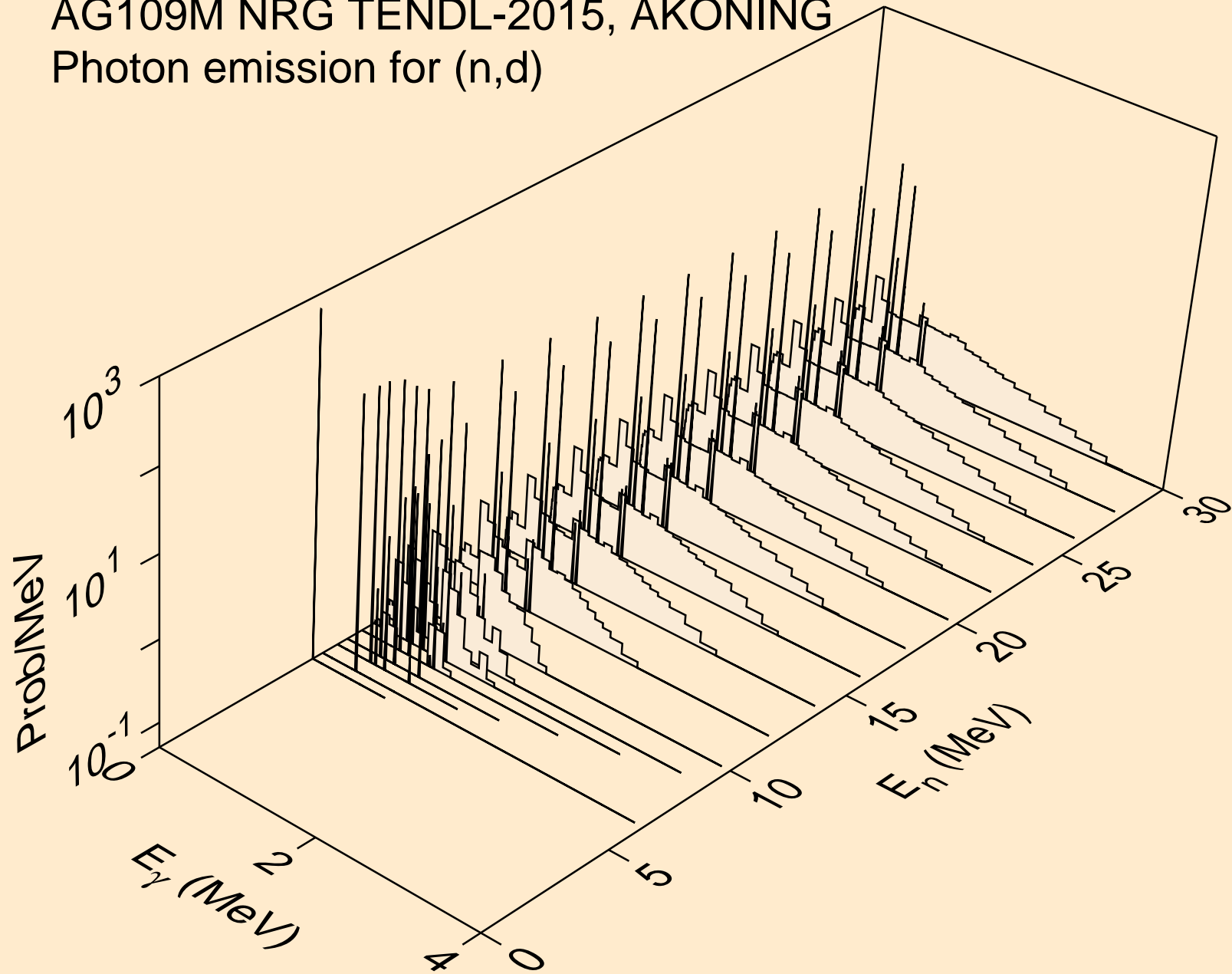




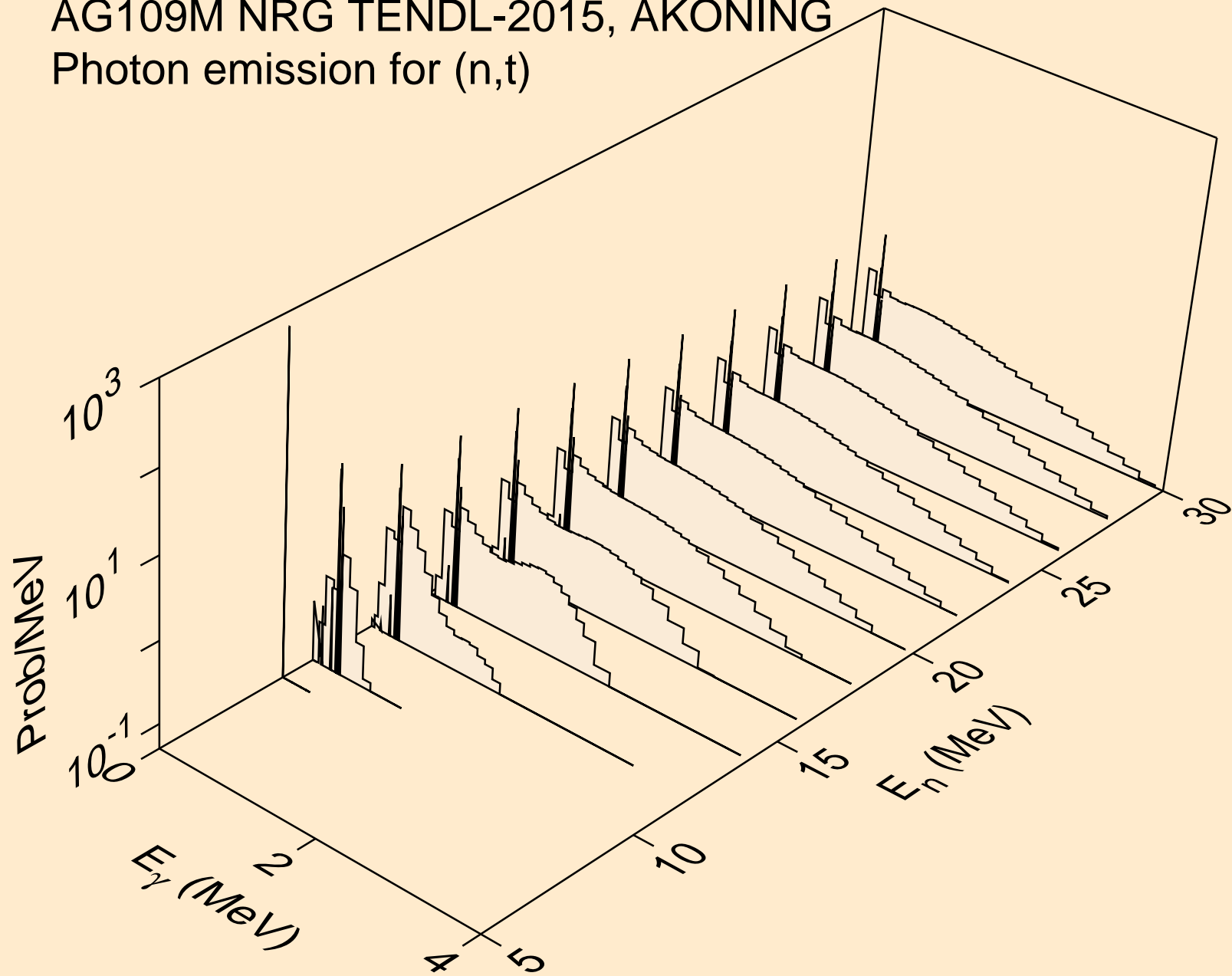
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Photon emission for (n,p)



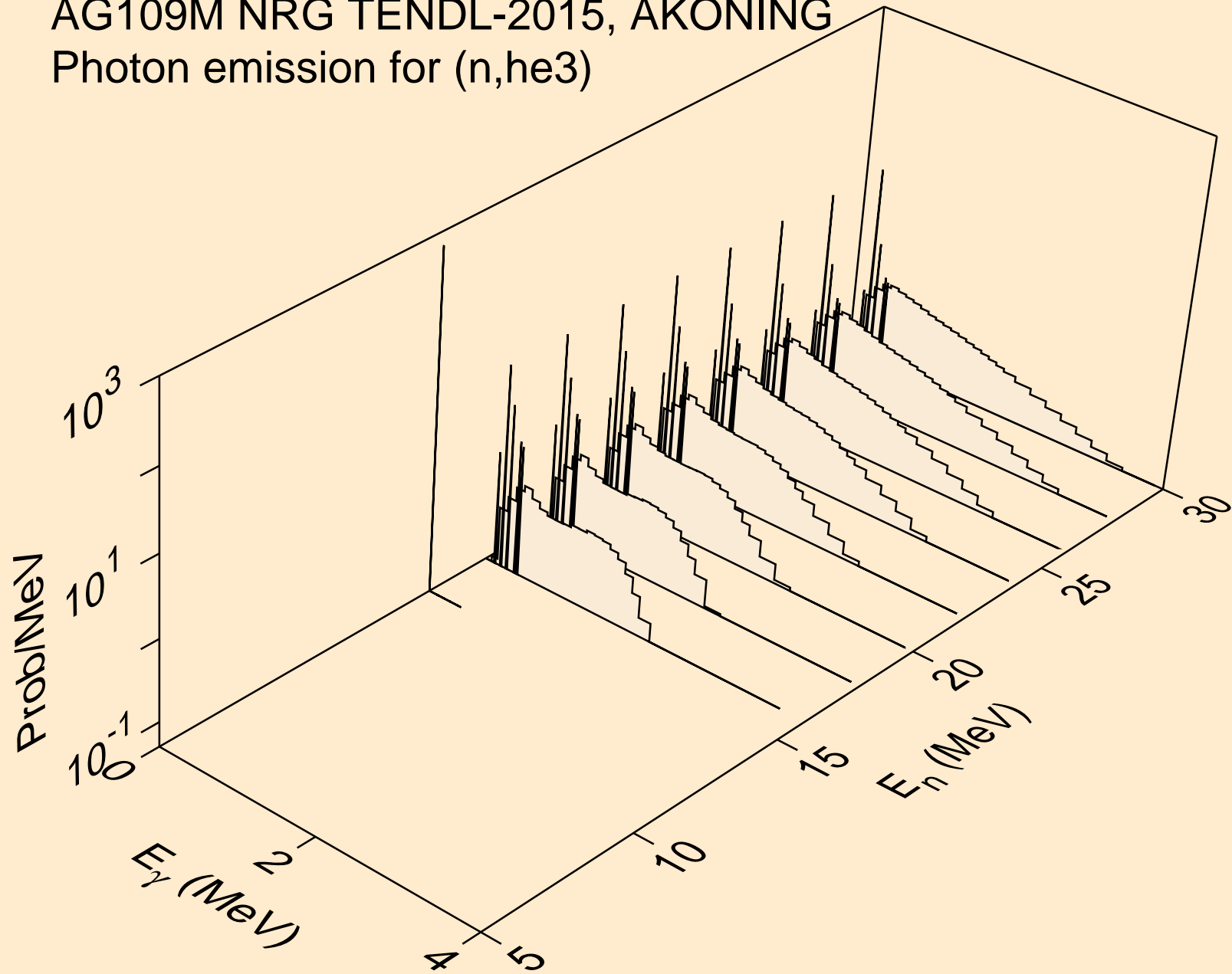
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Photon emission for (n,d)



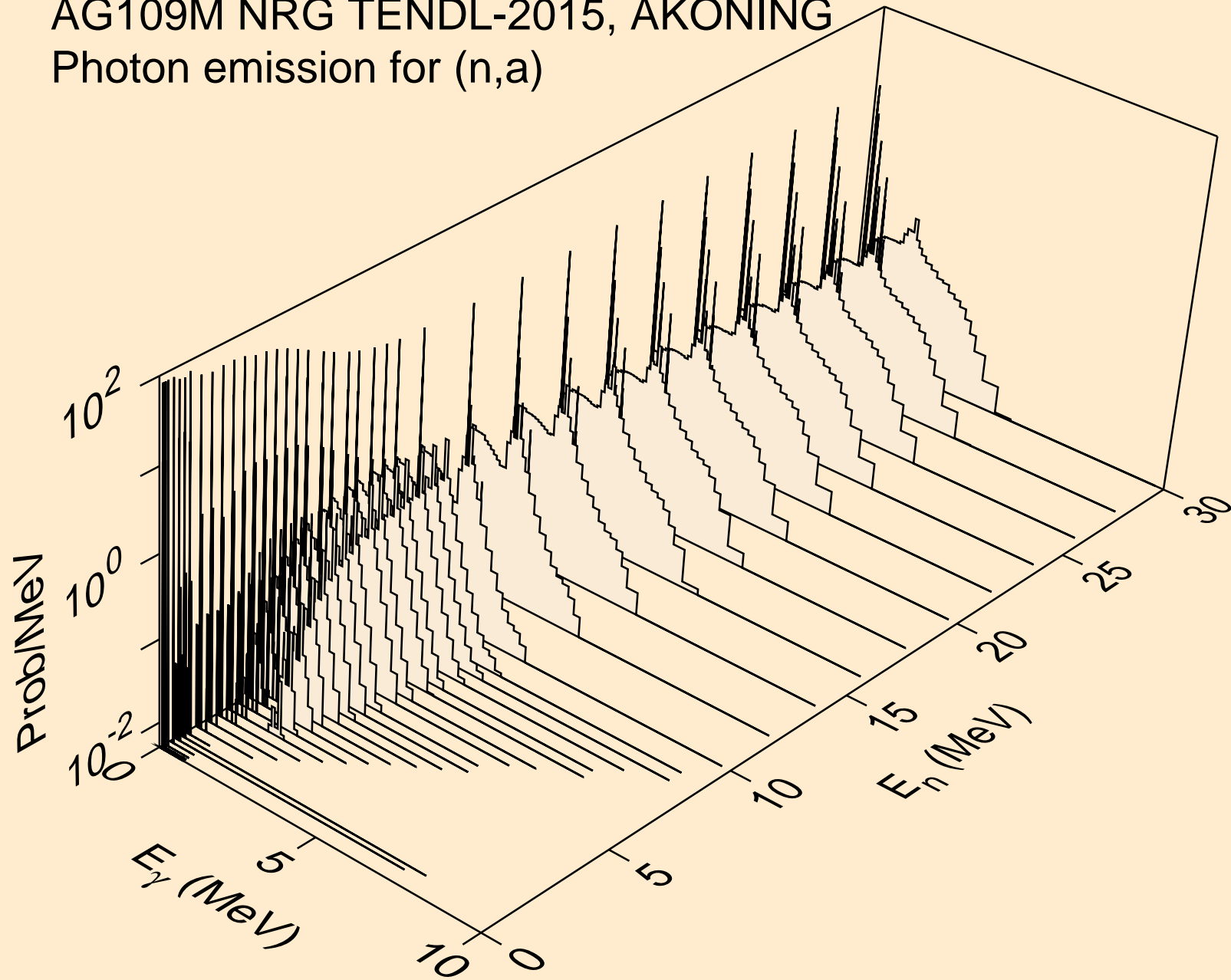
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Photon emission for (n,t)



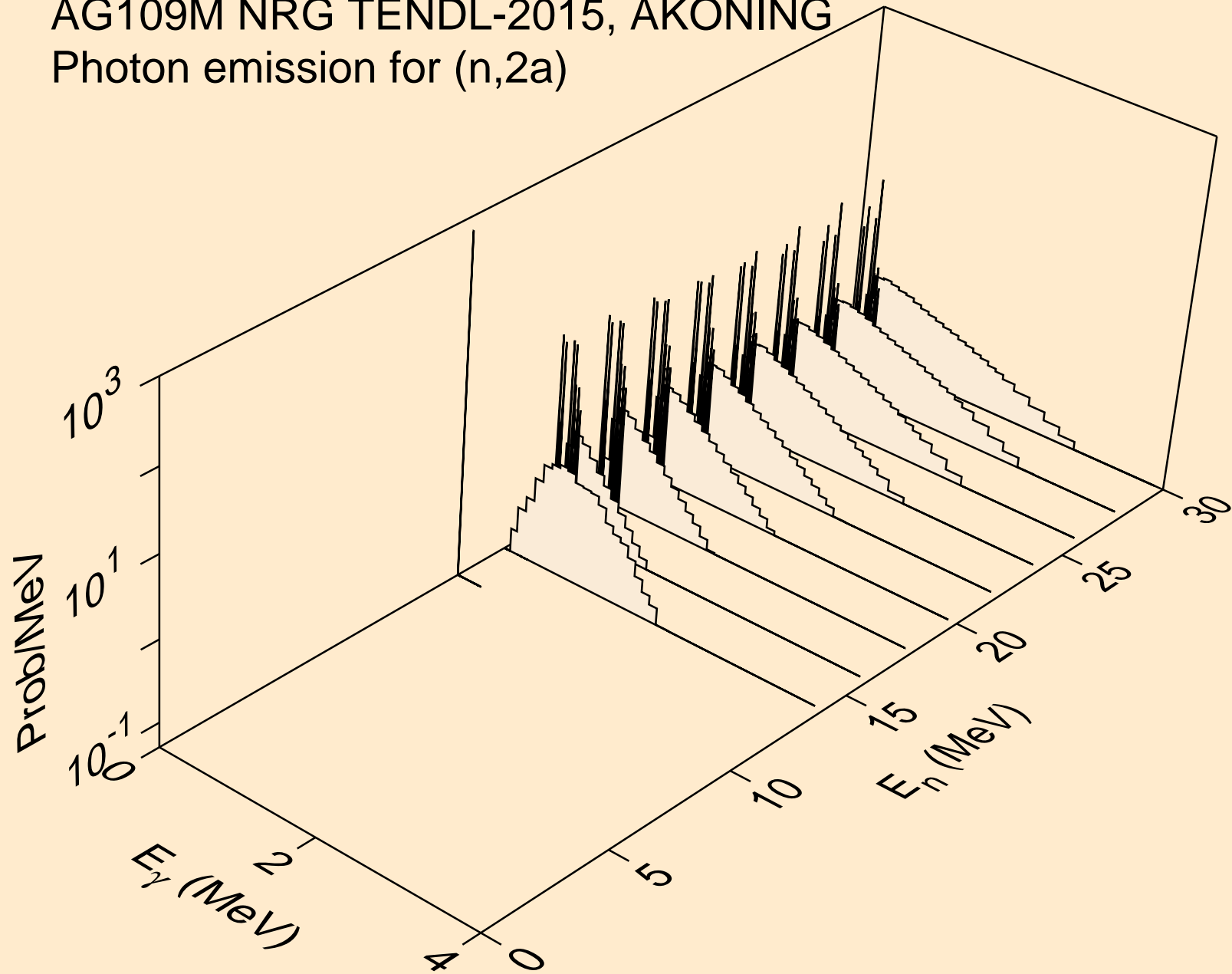
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Photon emission for (n,he3)



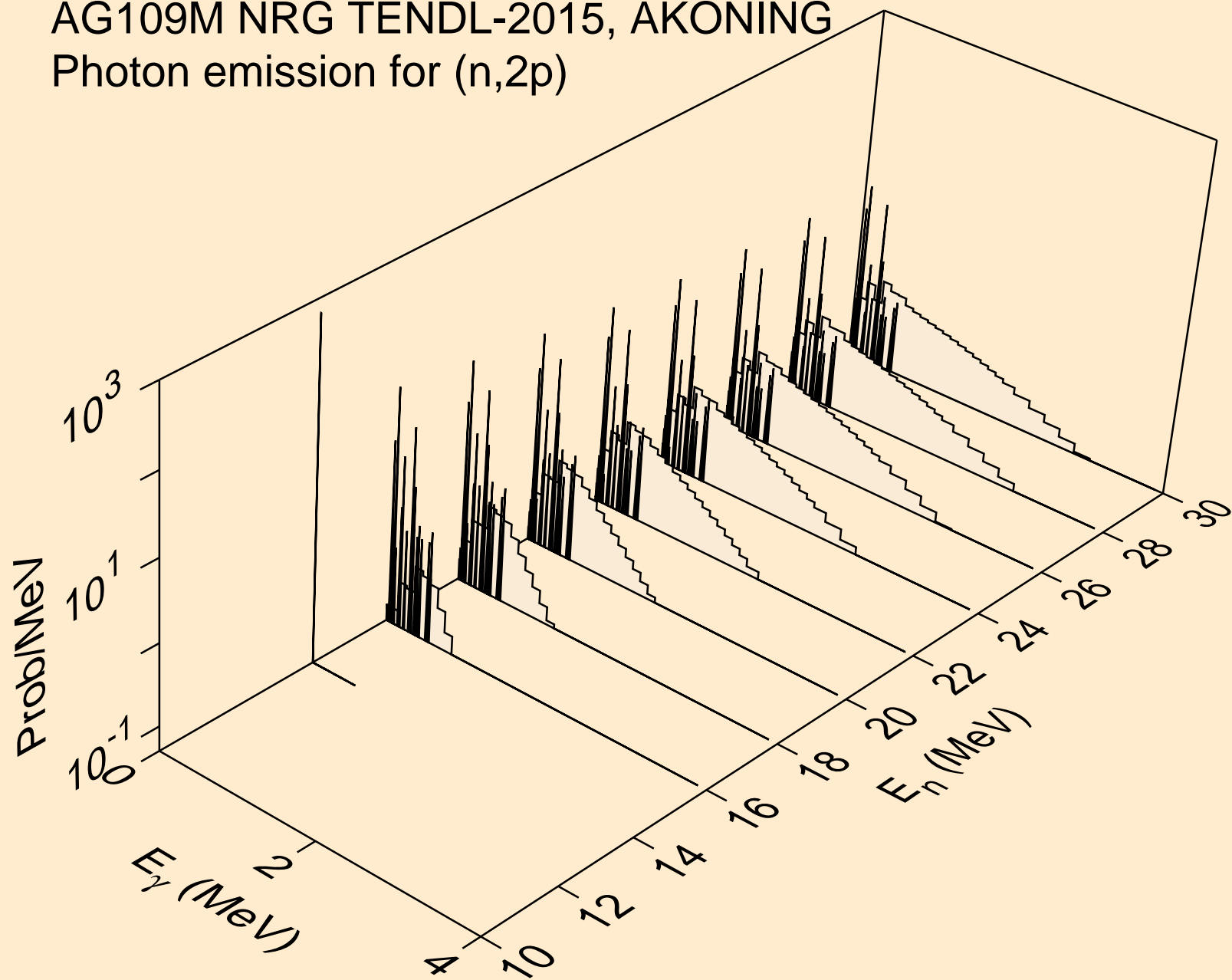
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Photon emission for (n,a)



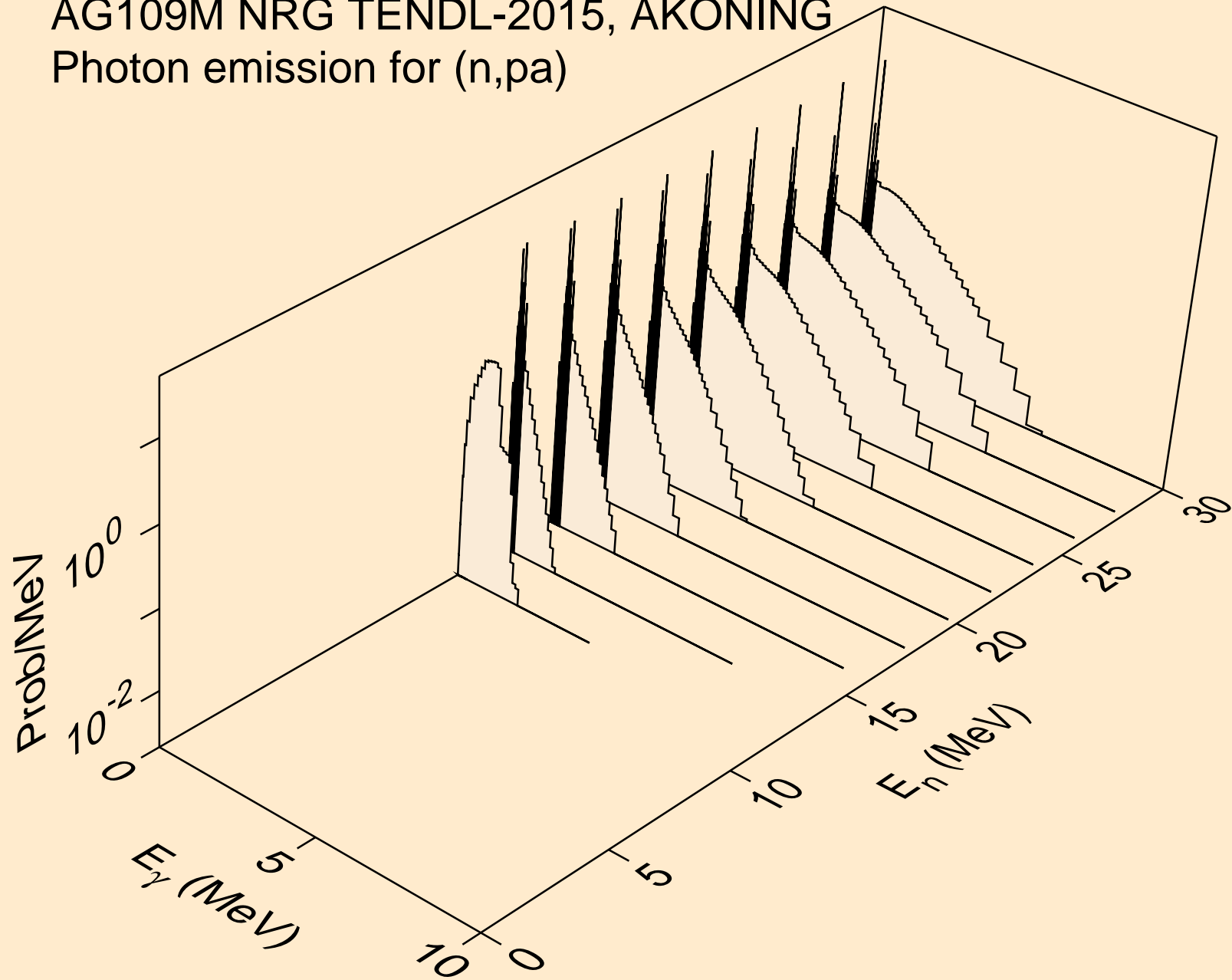
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Photon emission for (n,2a)



AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

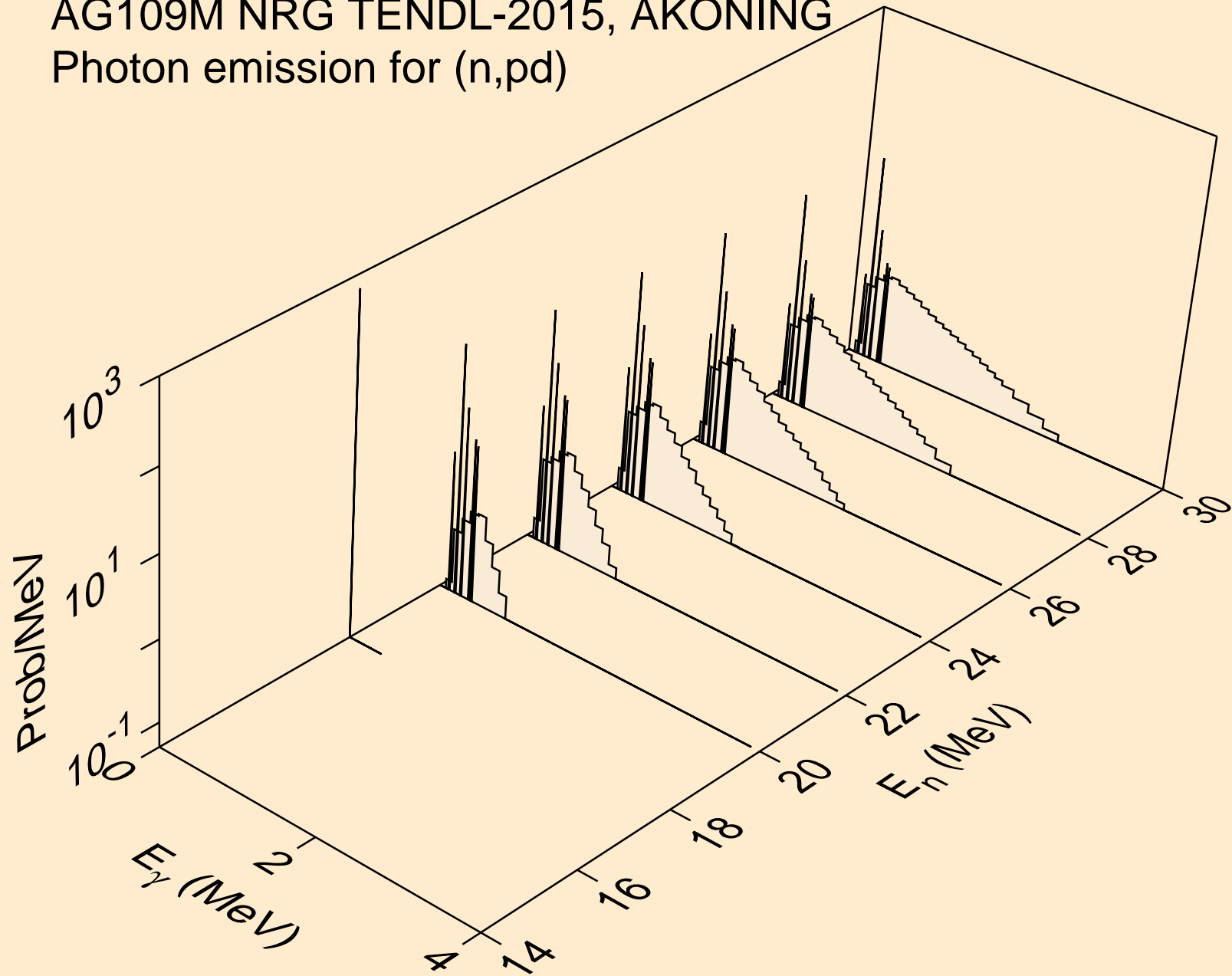


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Photon emission for (n,p $\alpha$ )

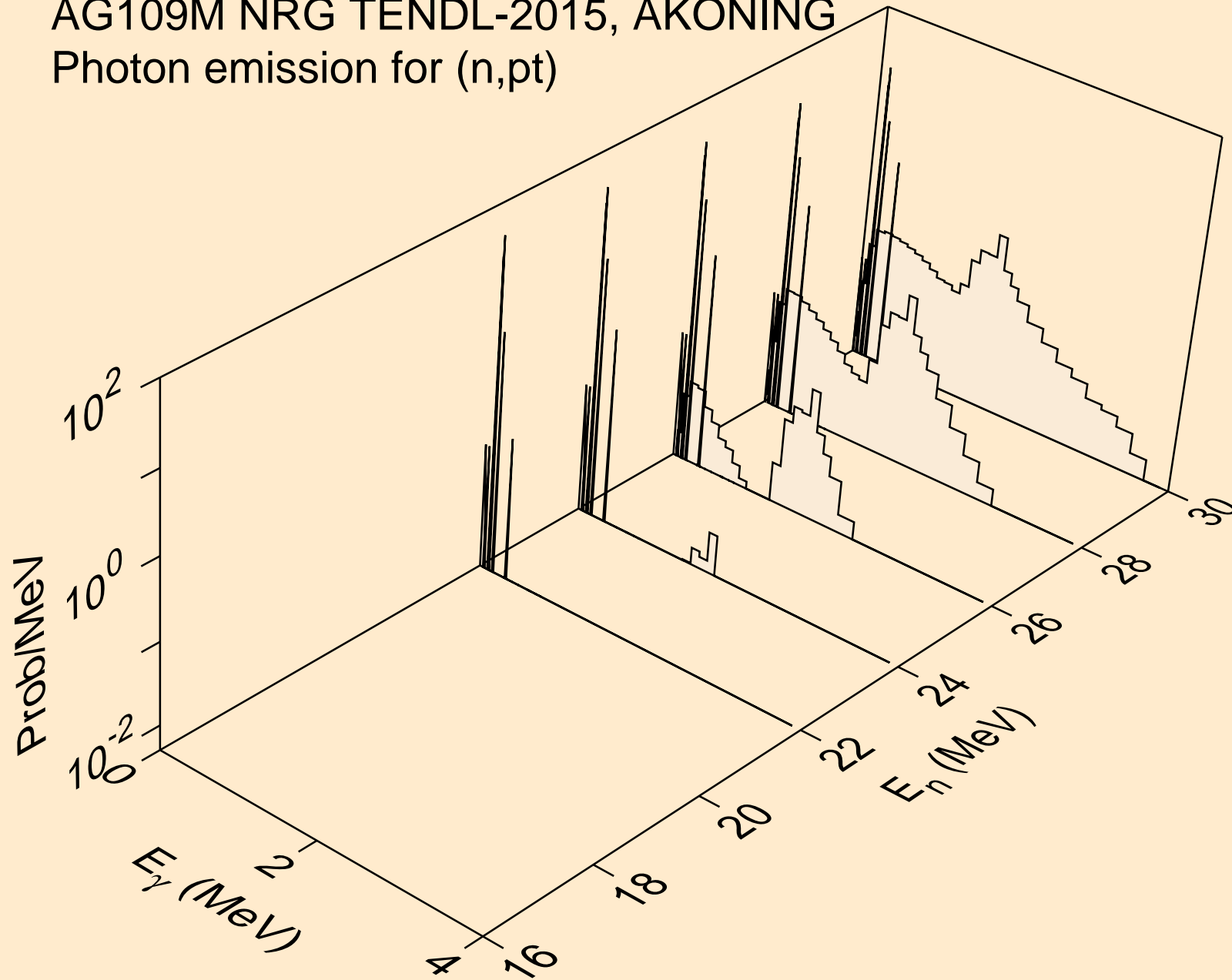




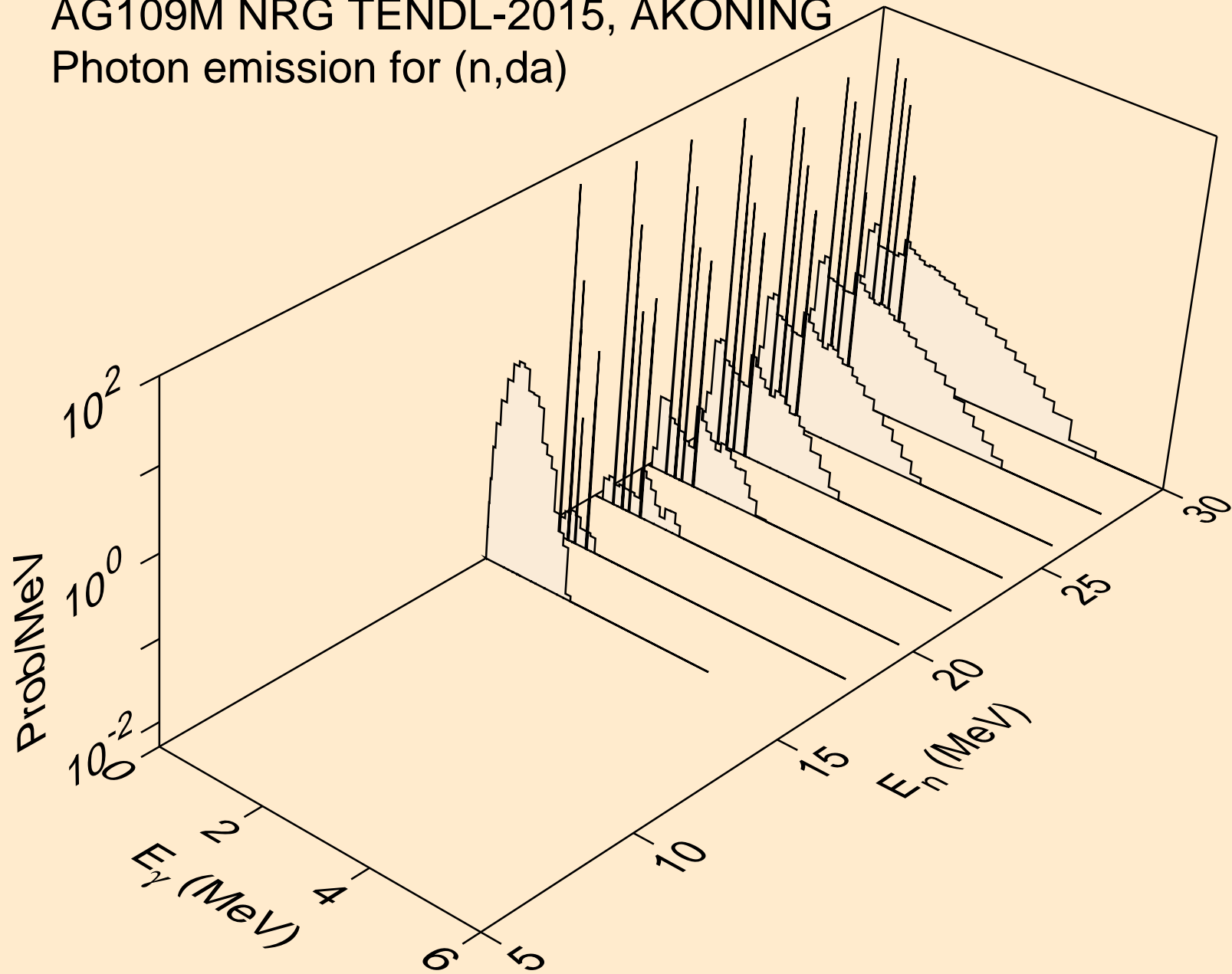
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Photon emission for (n,pd)



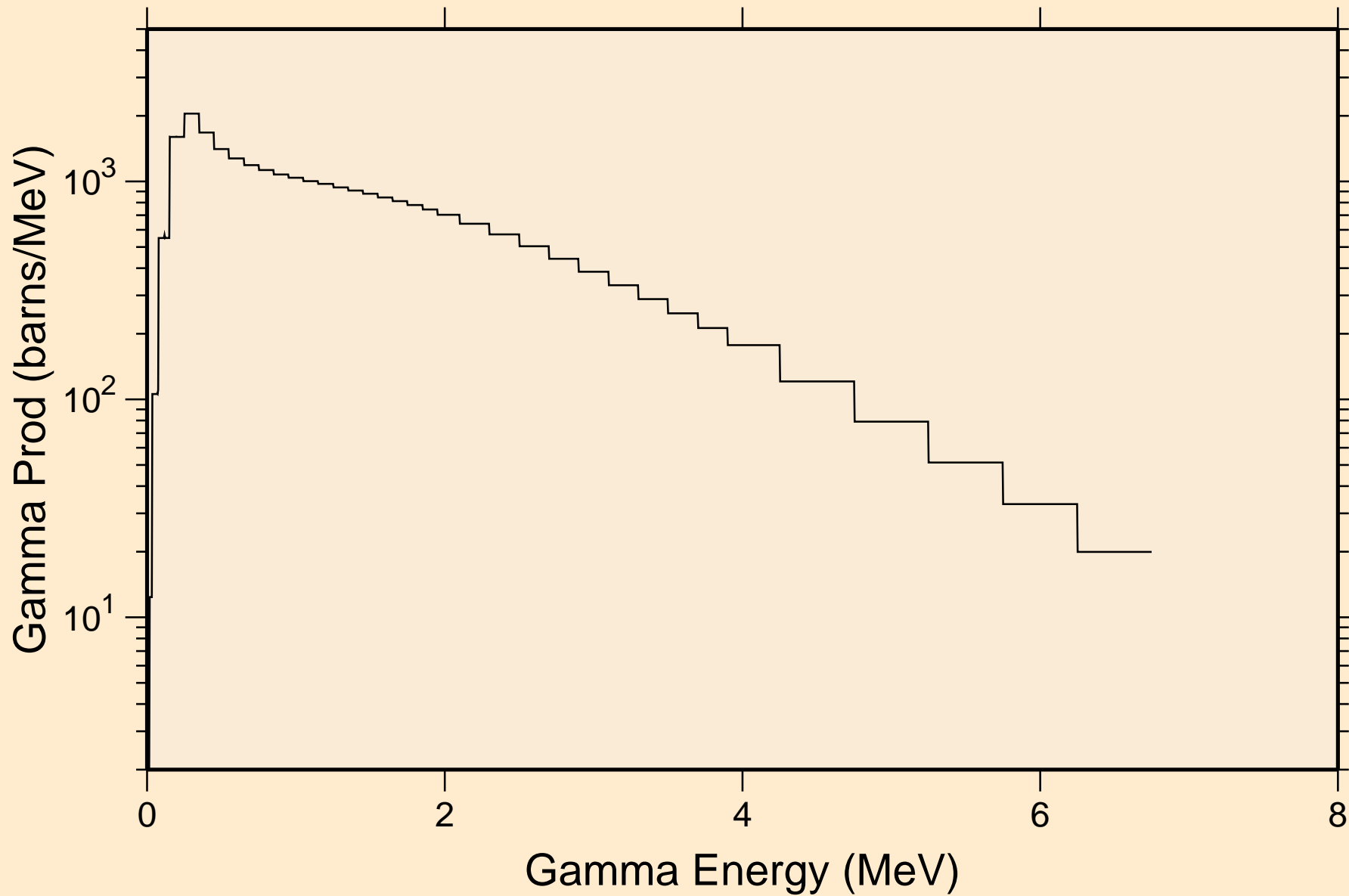
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Photon emission for (n,pt)



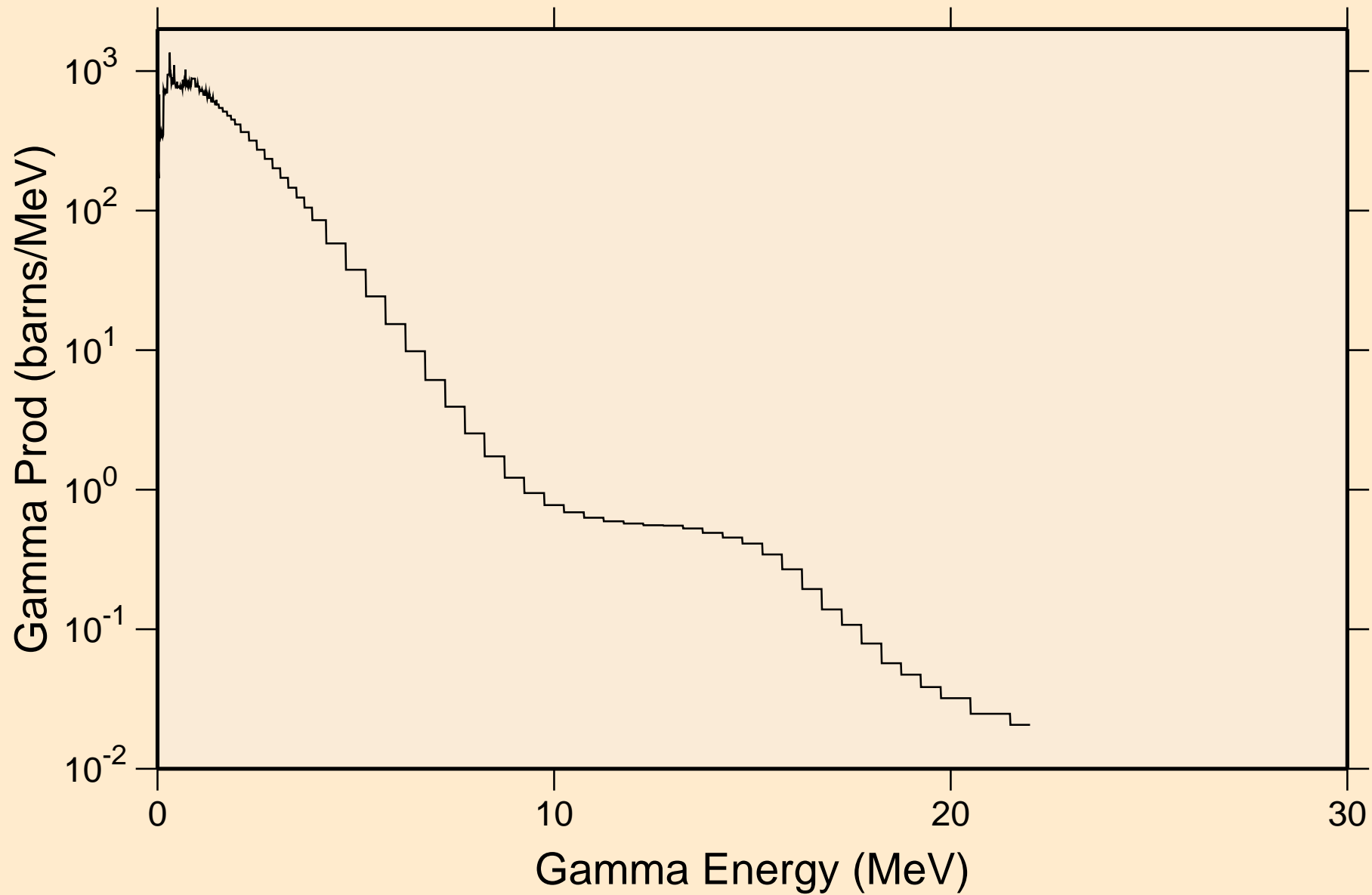
AG109M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



AG109M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

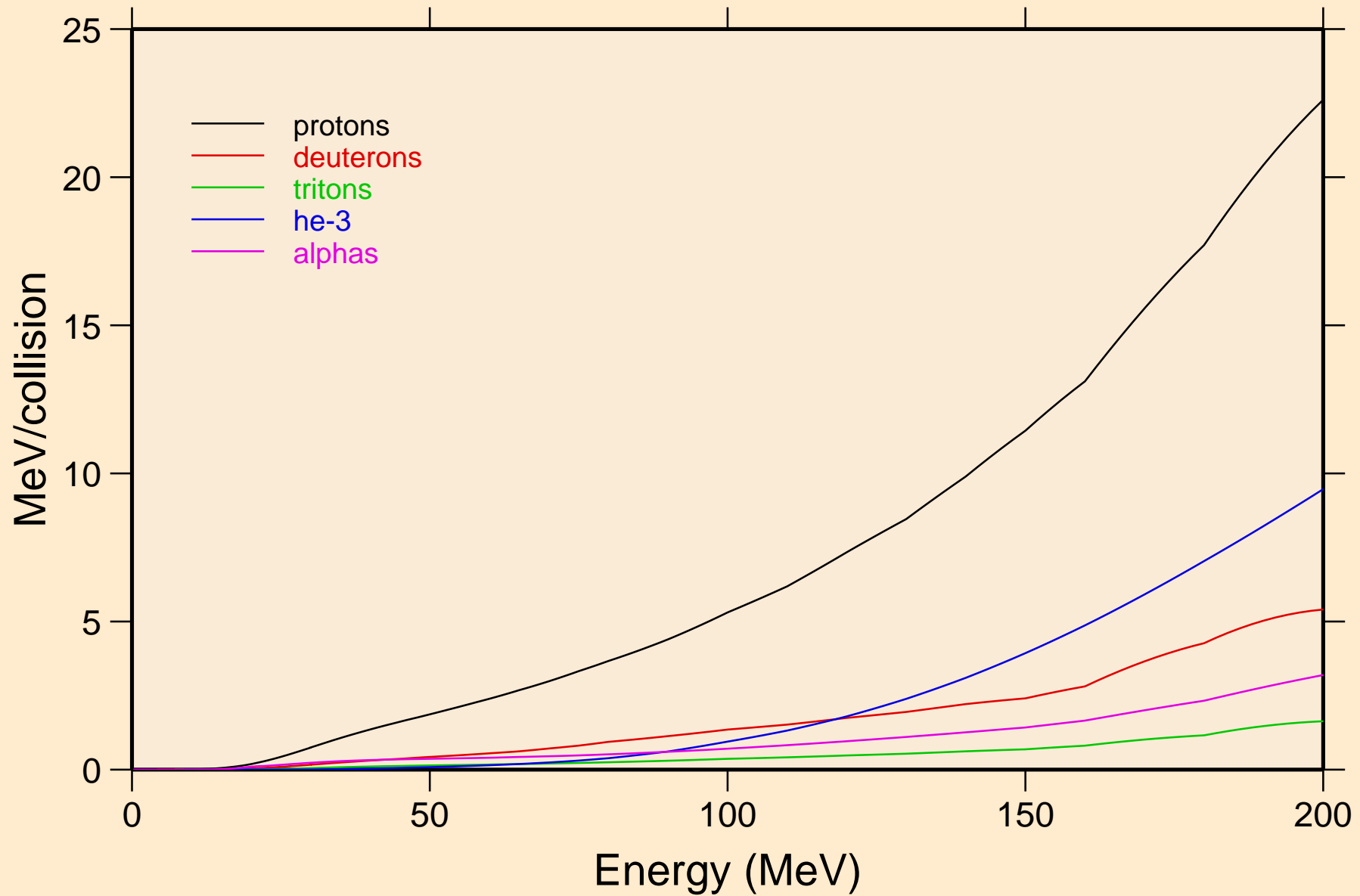


AG109M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



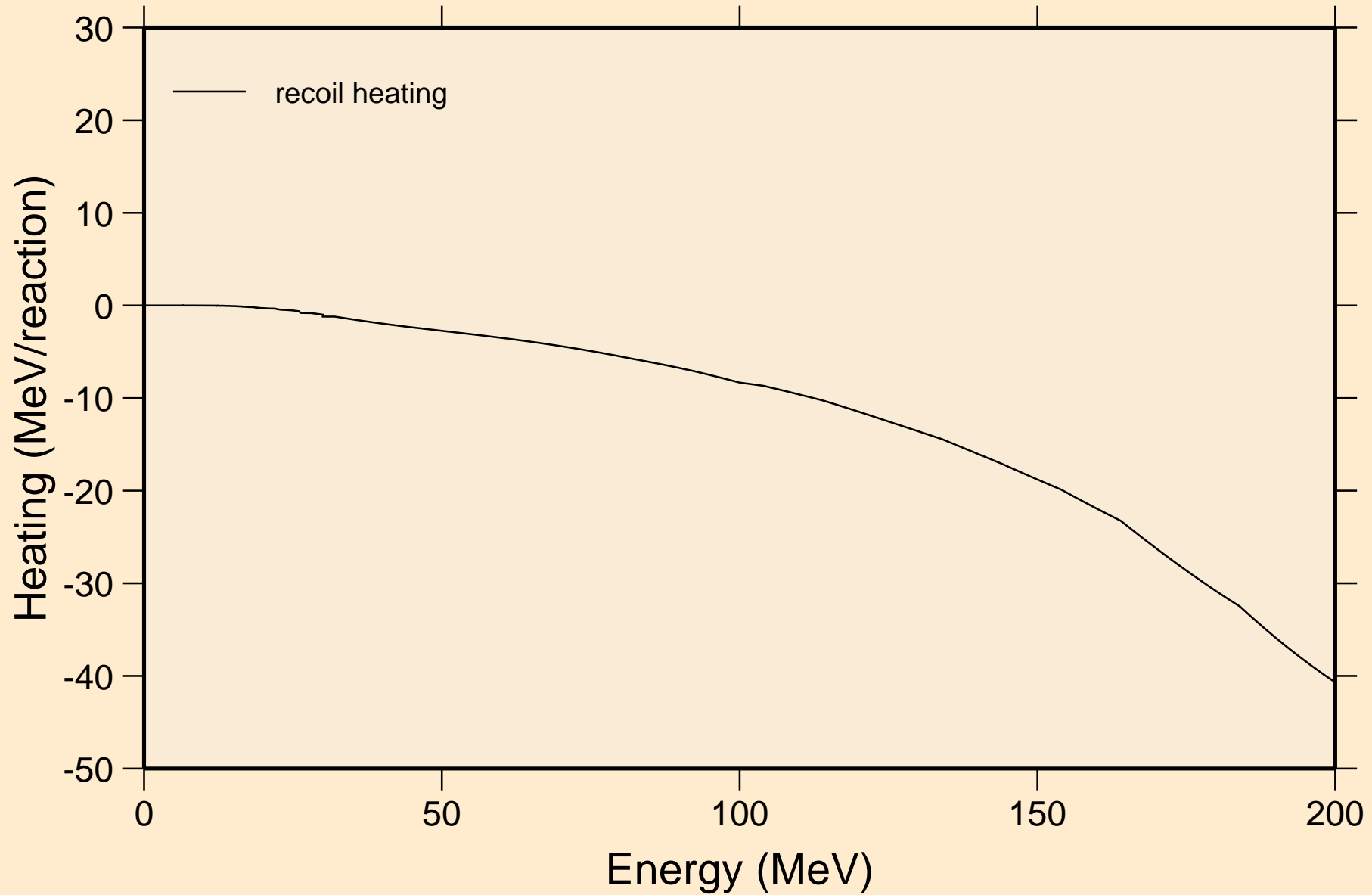
# AG109M NRG TENDL-2015, AKONING

## Particle heating contributions



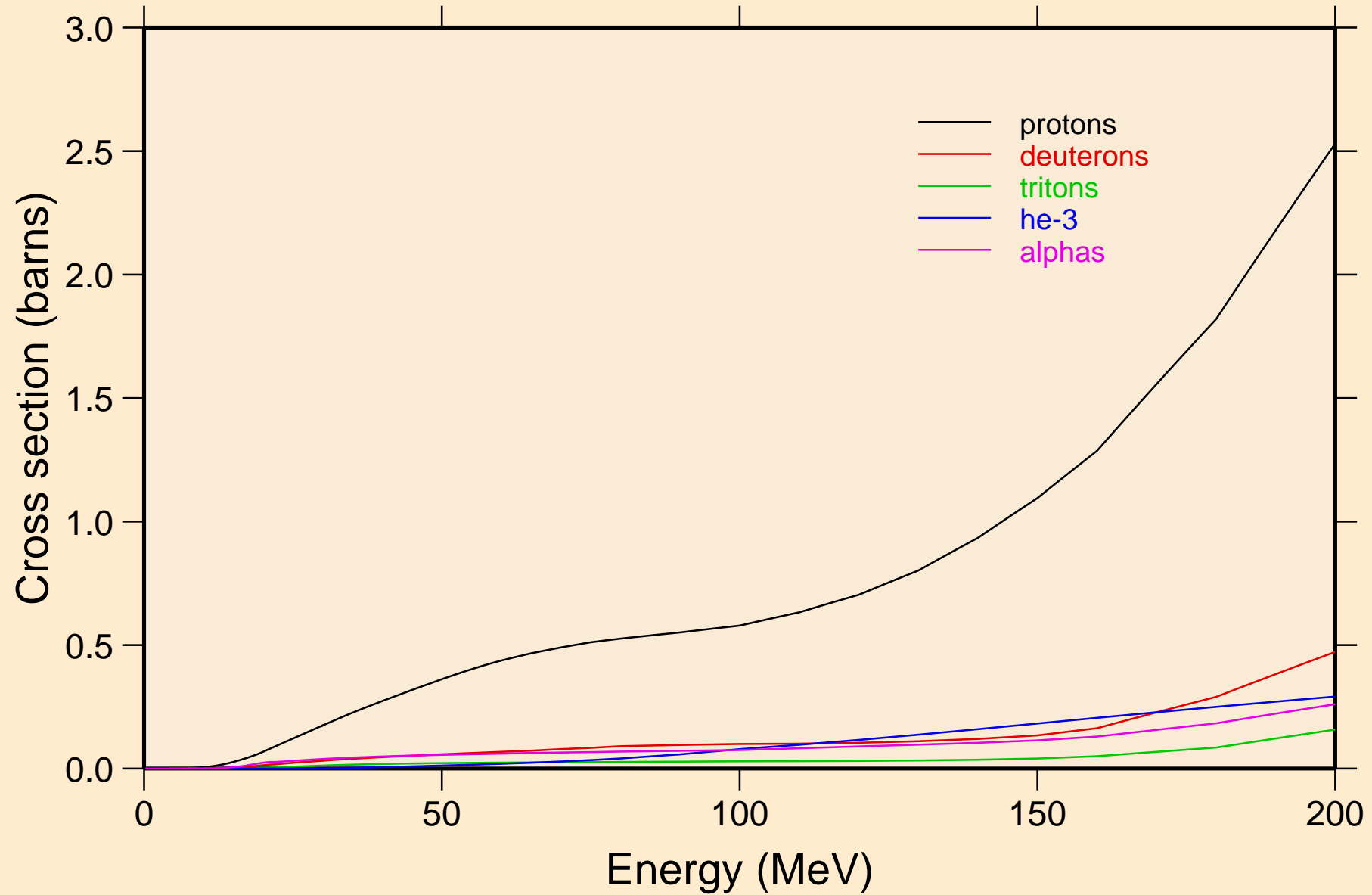
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## Recoil Heating



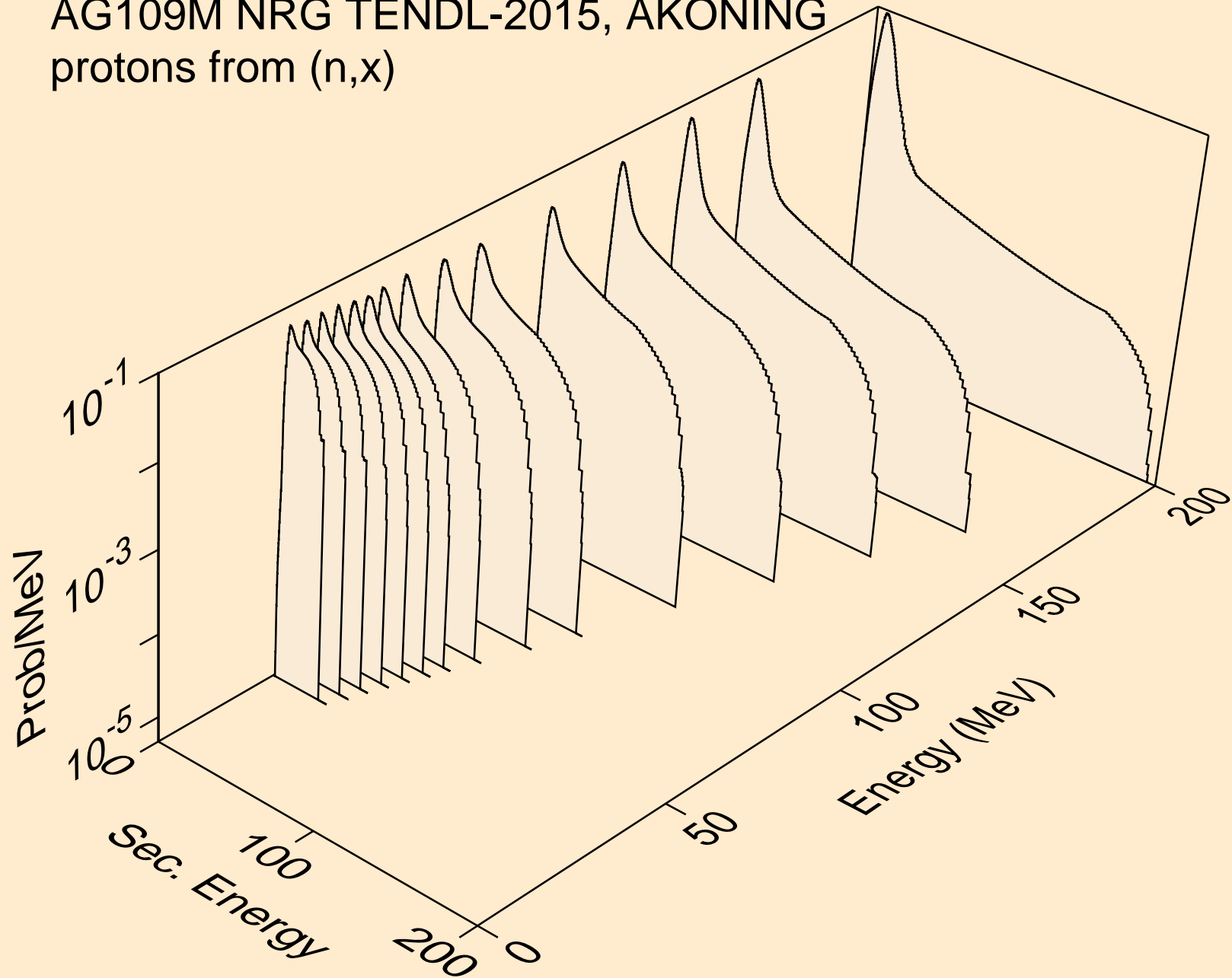
# AG109M NRG TENDL-2015, AKONING

## Particle production cross sections

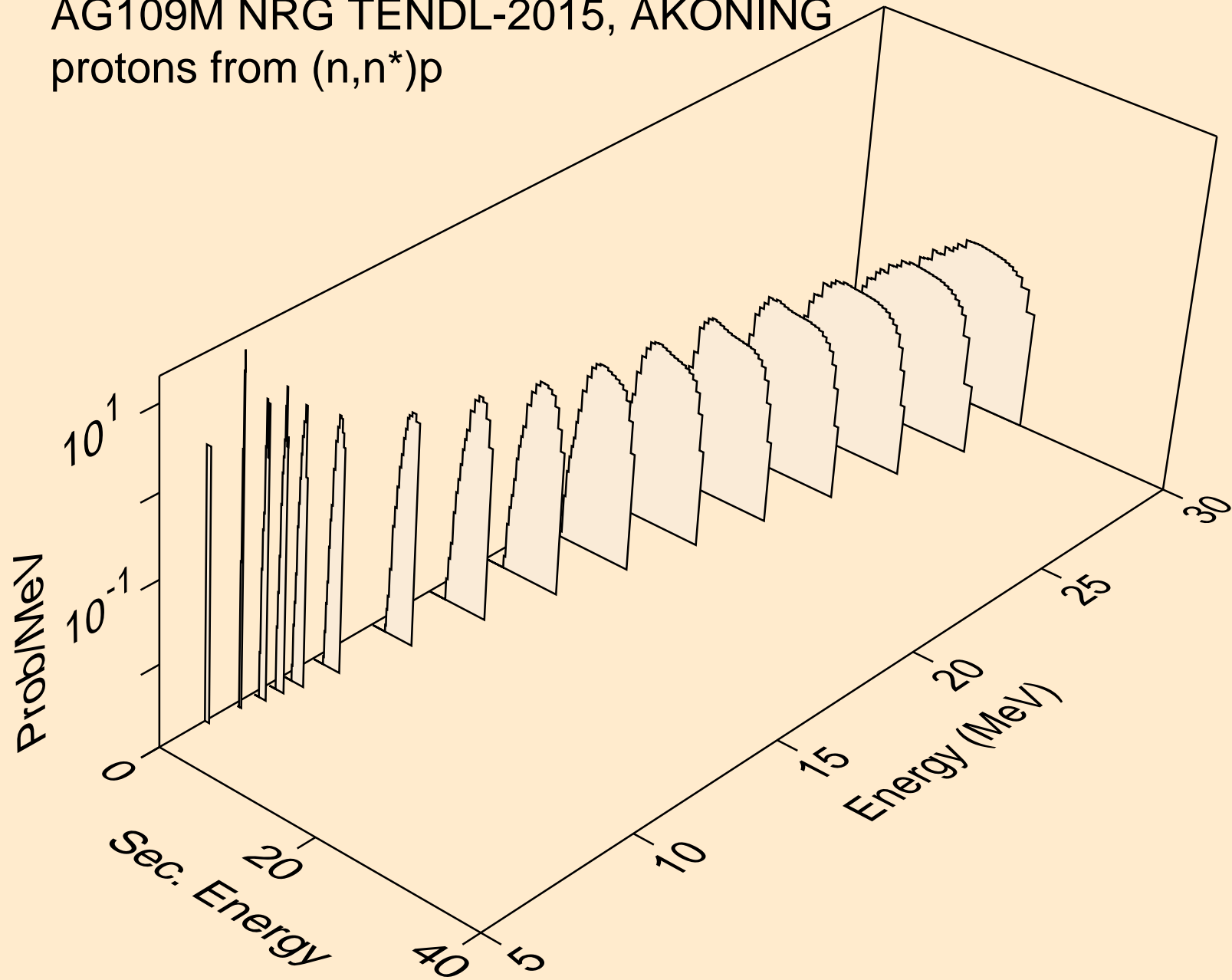




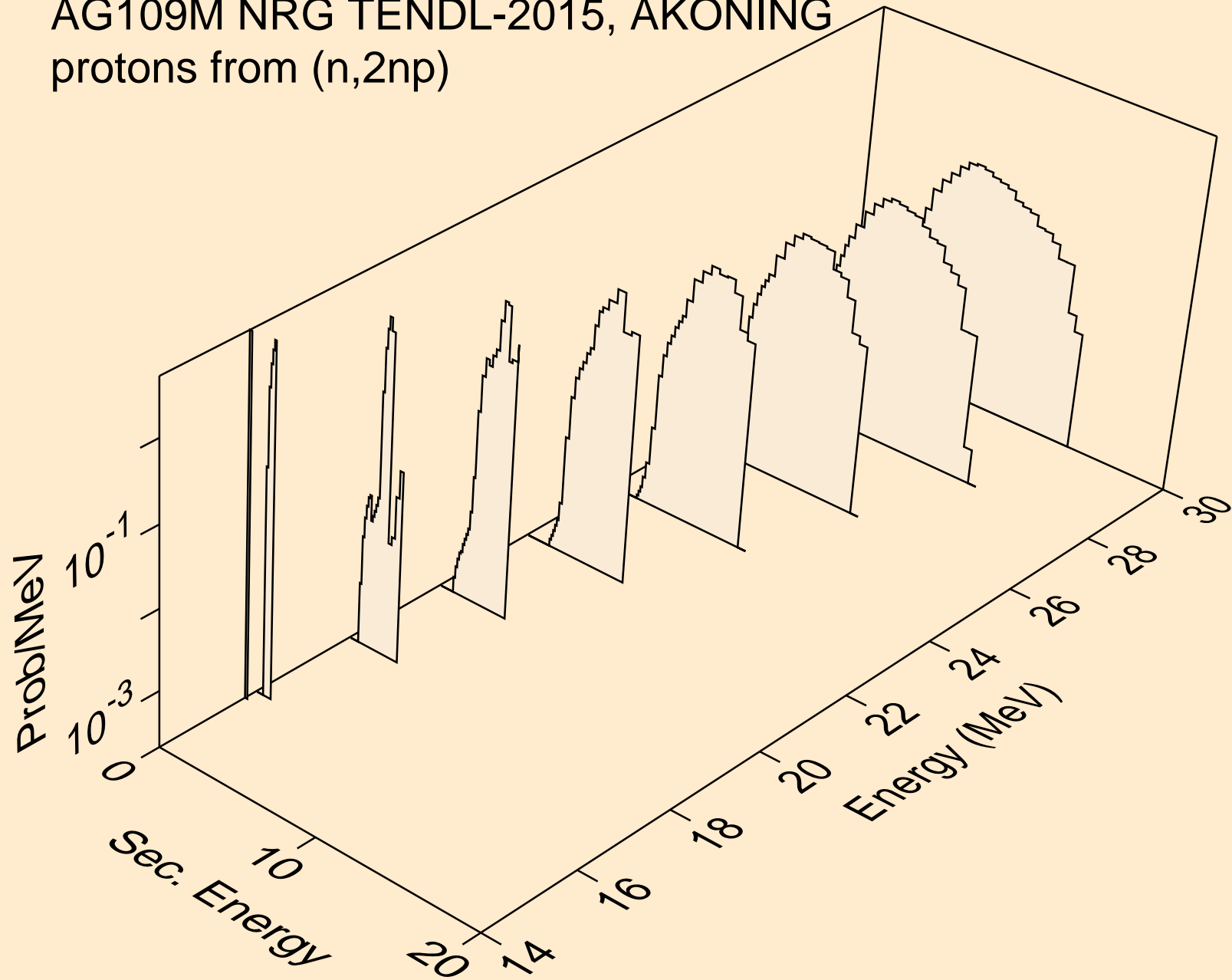
AG109M NRG TENDL-2015, AKONING  
protons from (n,x)



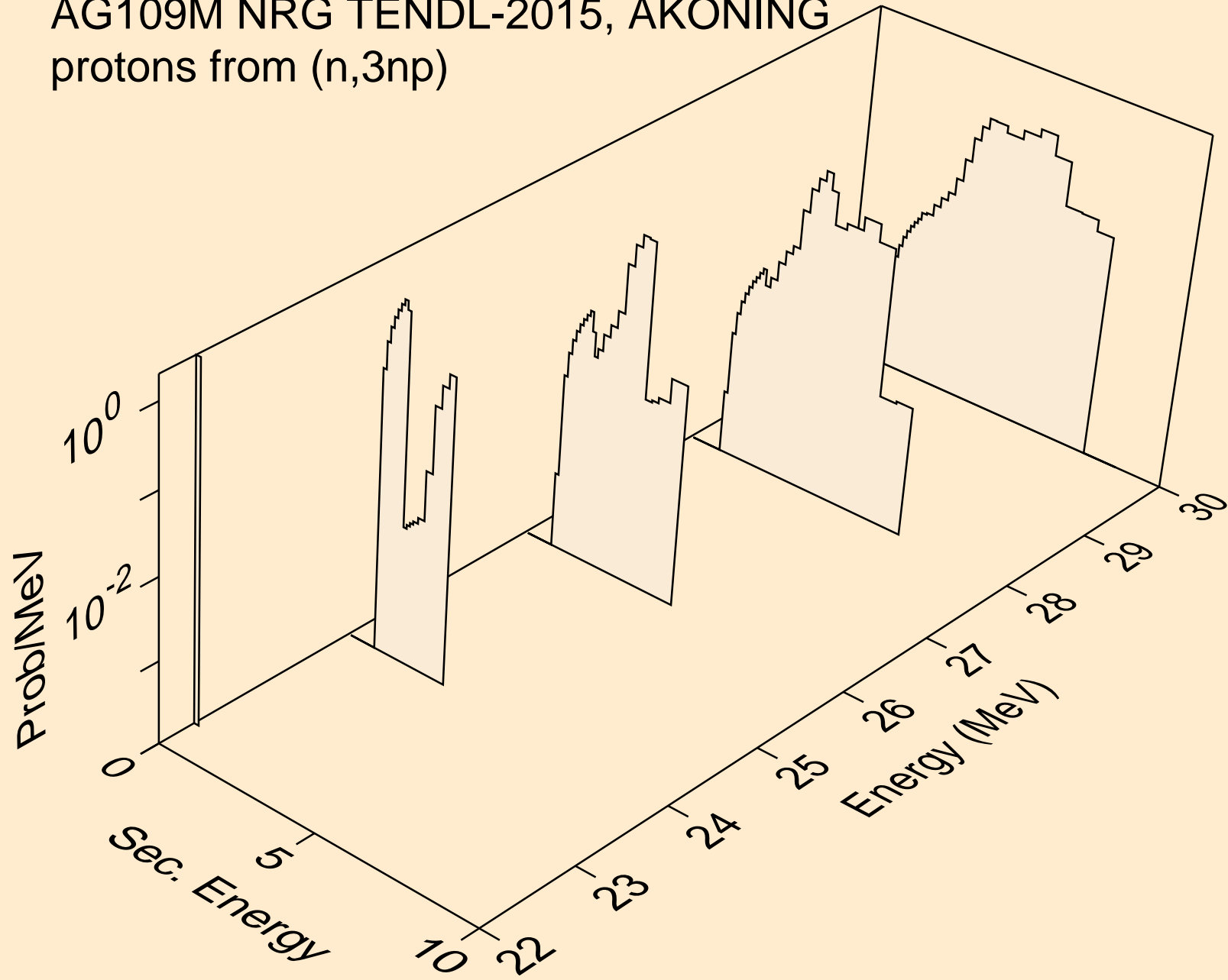
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protons from (n,n\*)p



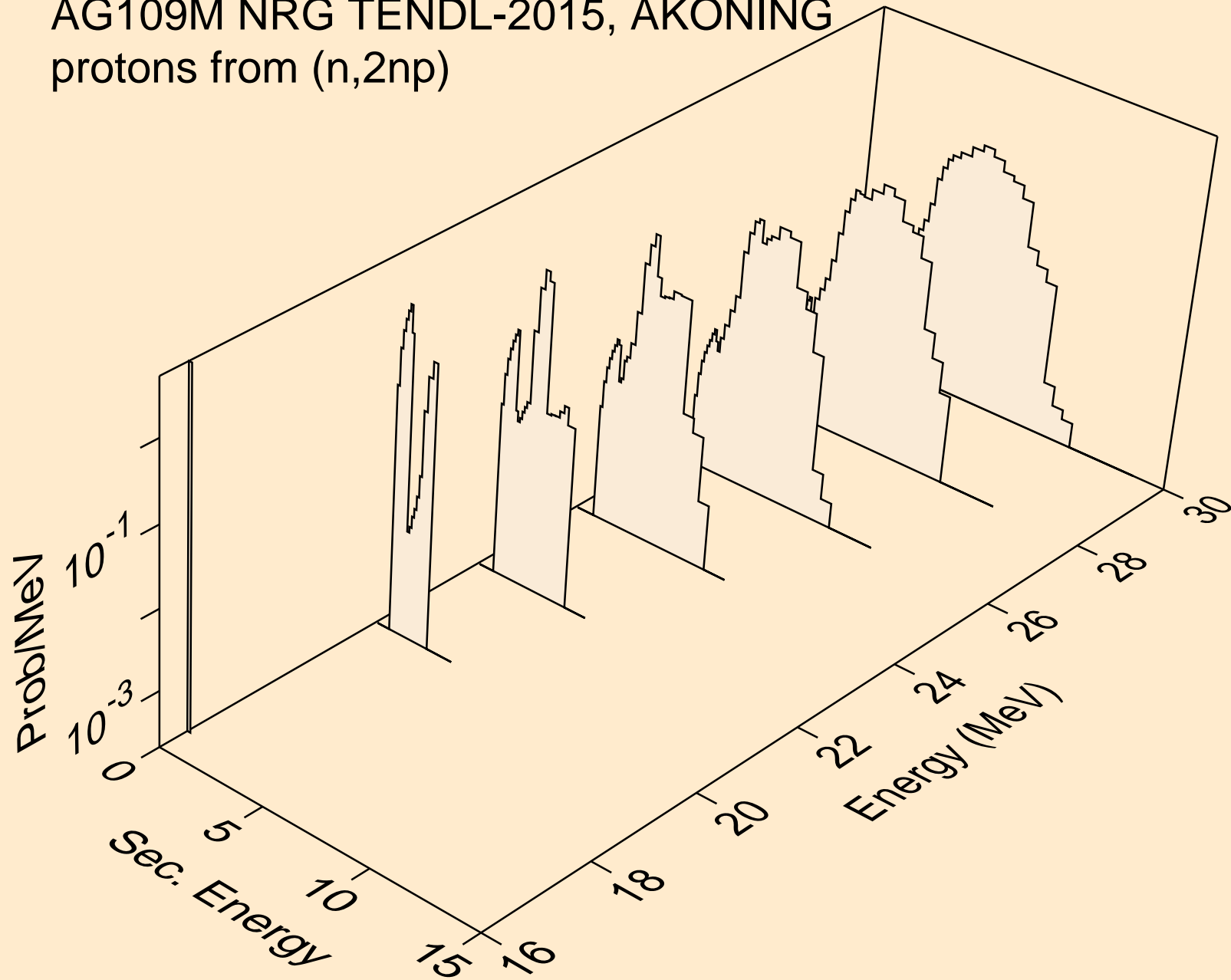
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protons from (n,2np)



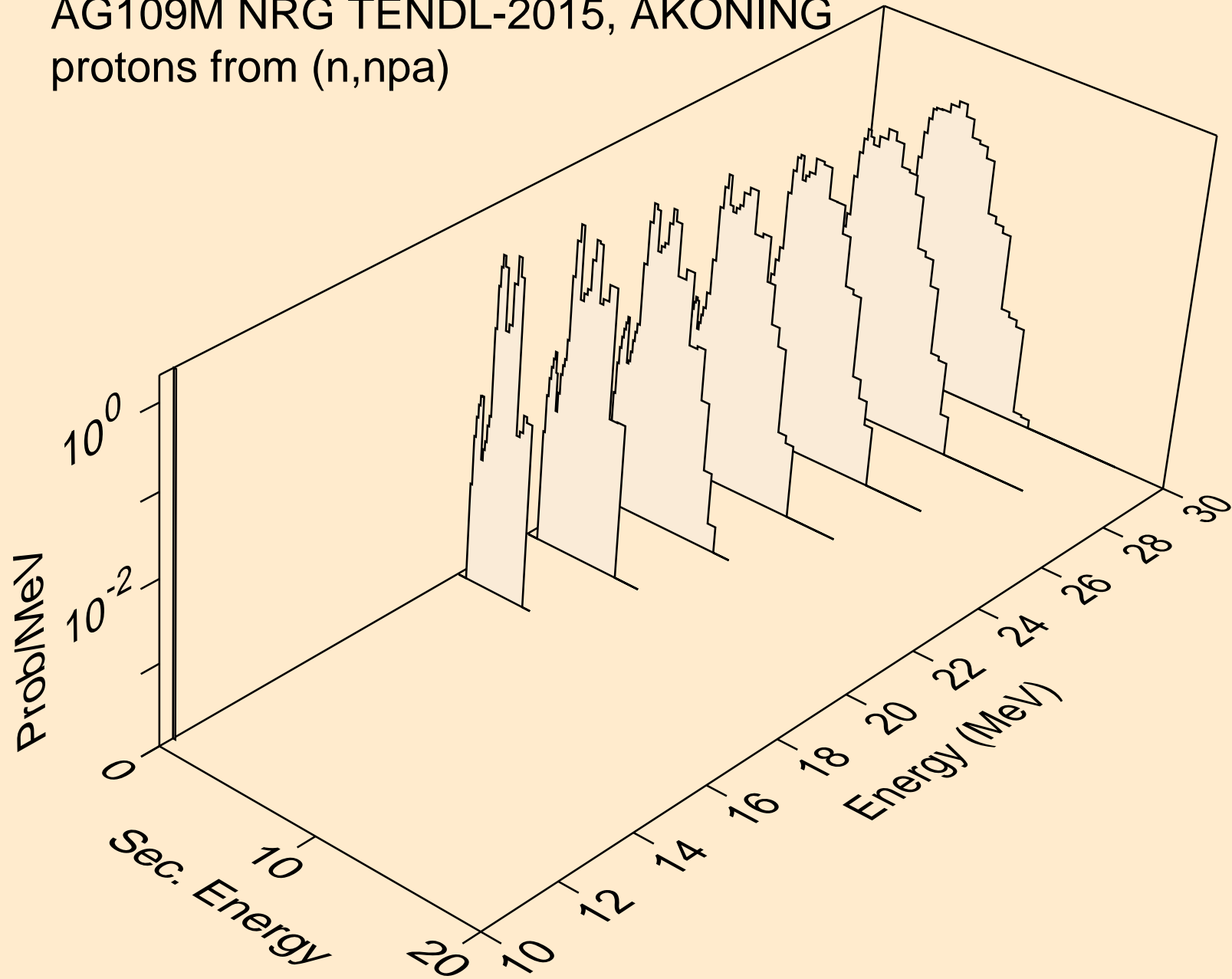
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protons from (n,3np)



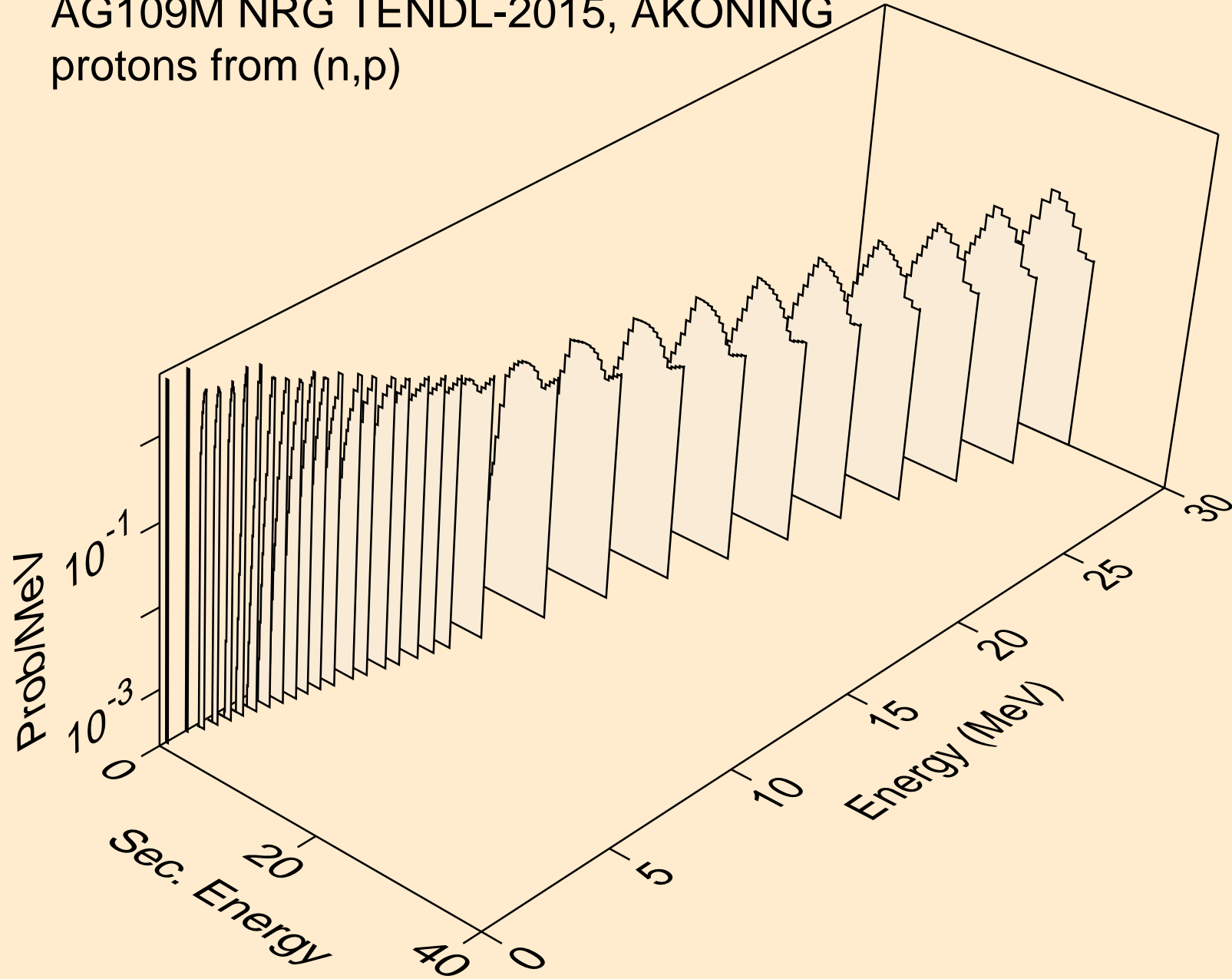
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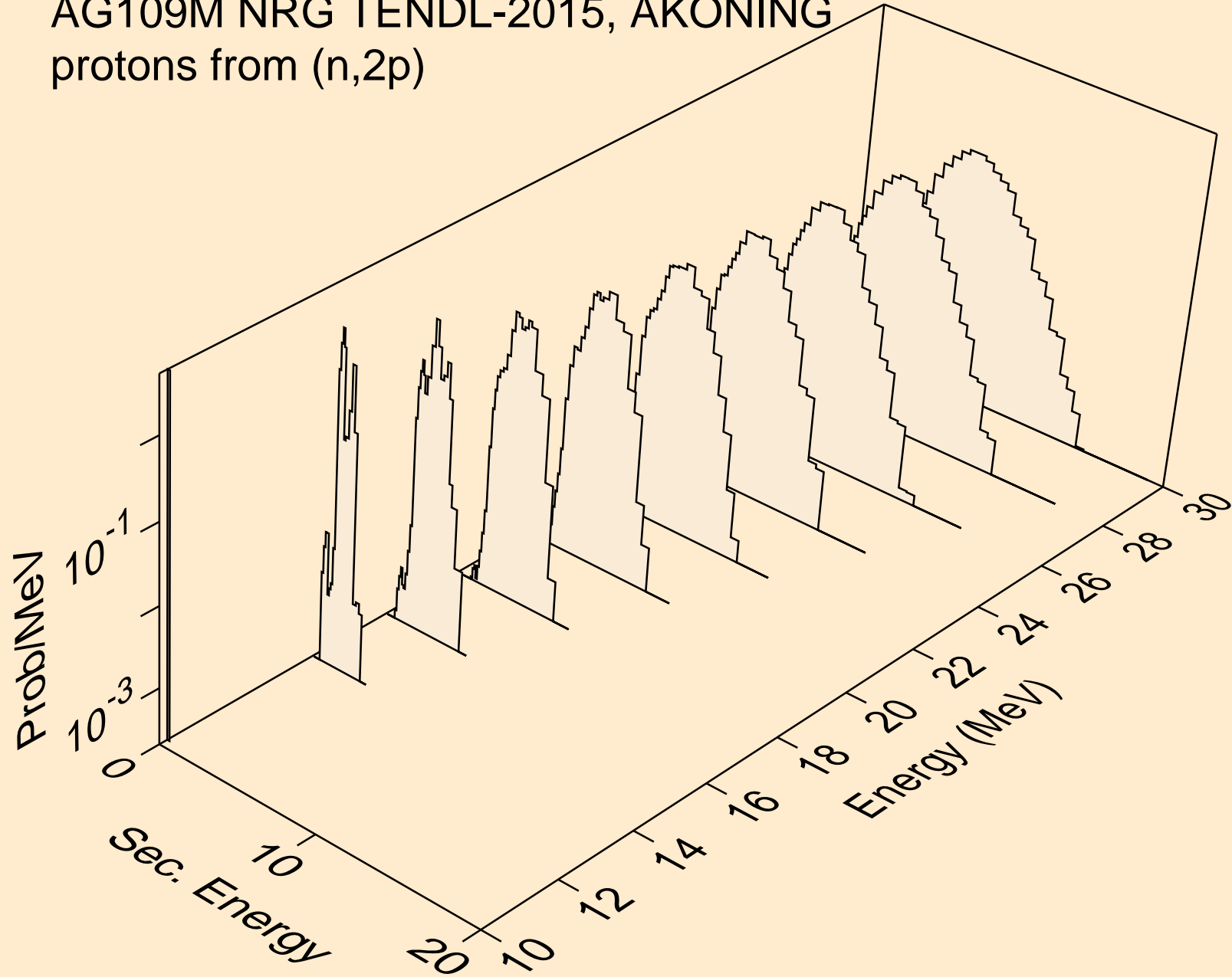
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protons from (n,npa)



AG109M NRG TENDL-2015, AKONING  
protons from (n,p)

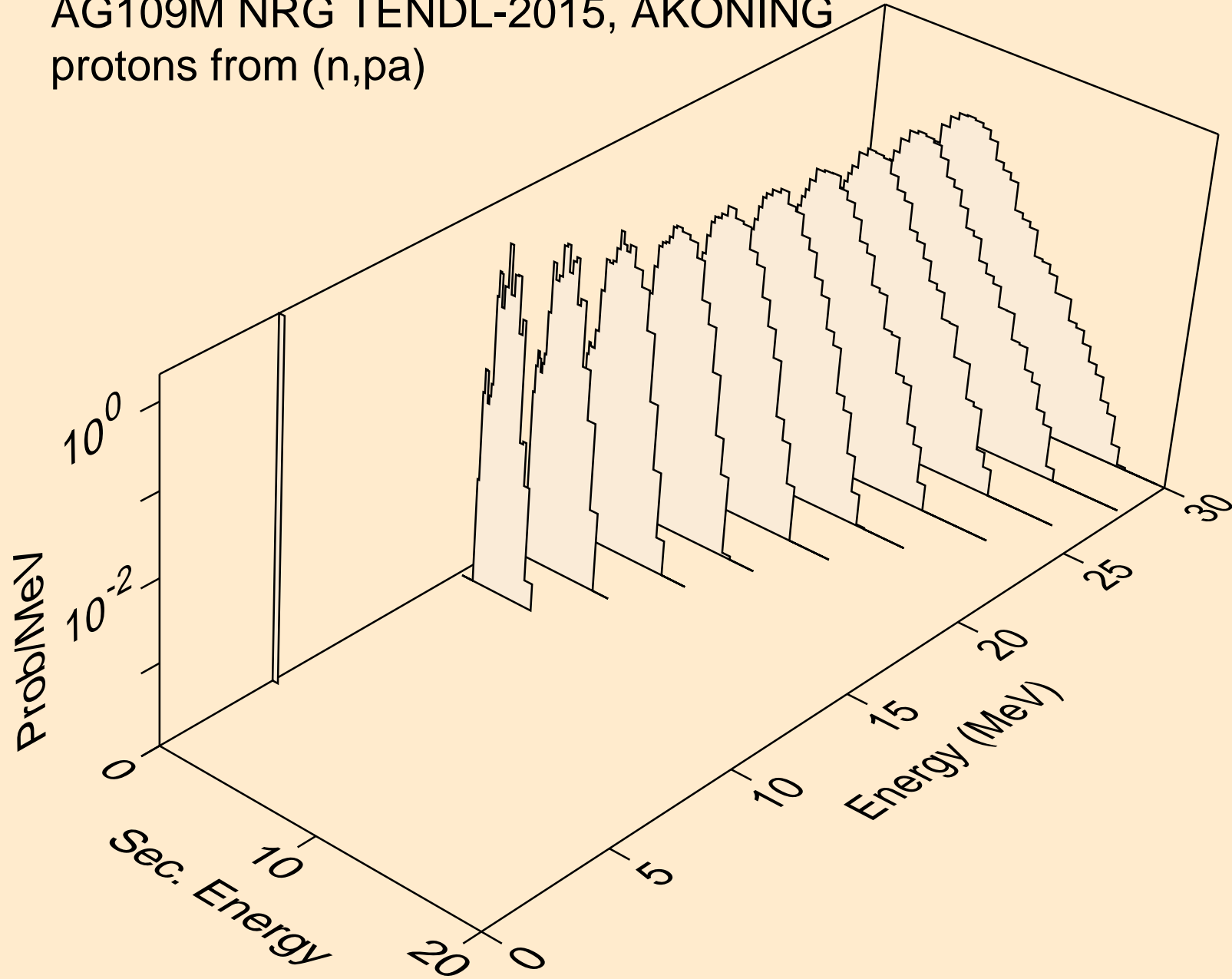


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protons from (n,2p)

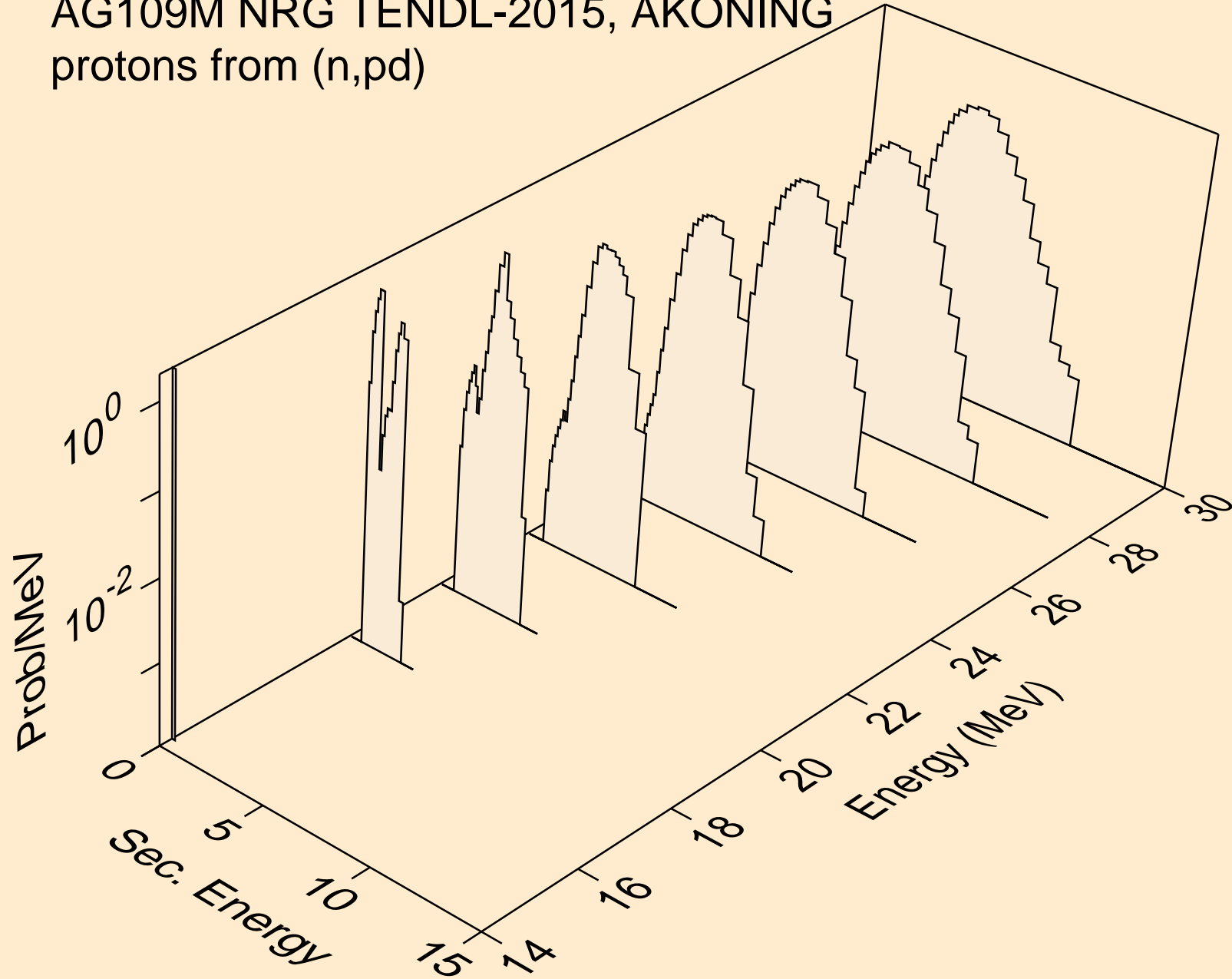




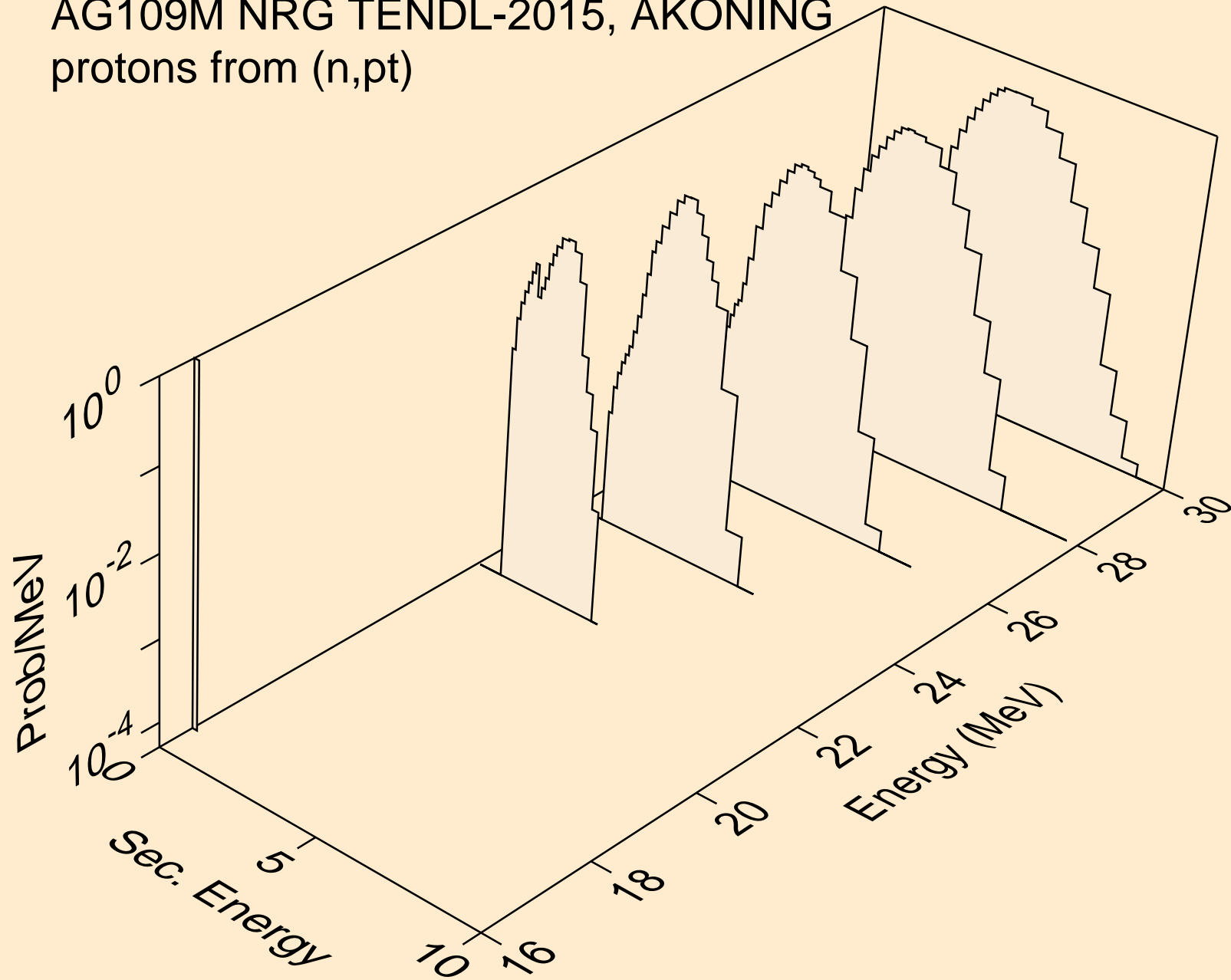
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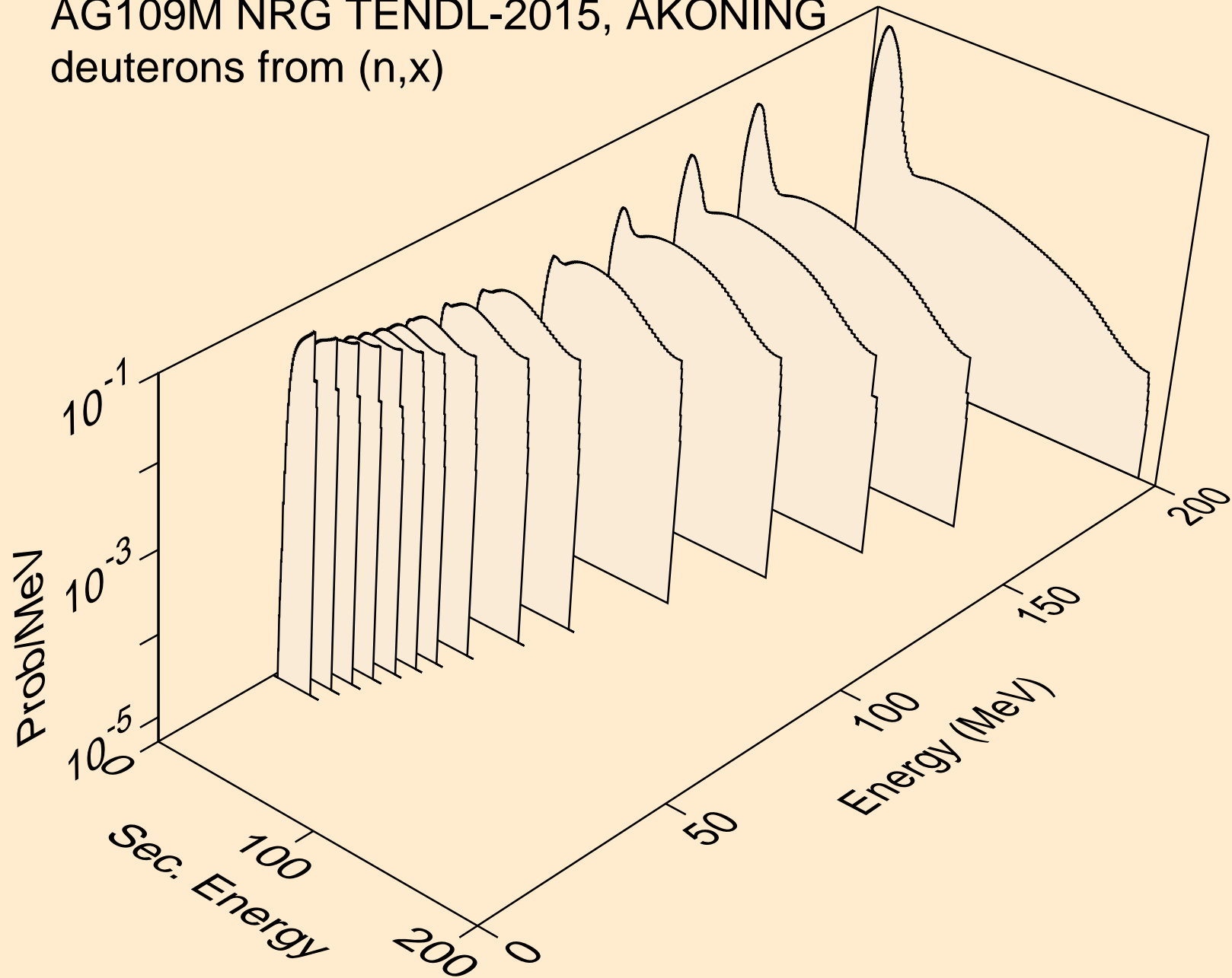
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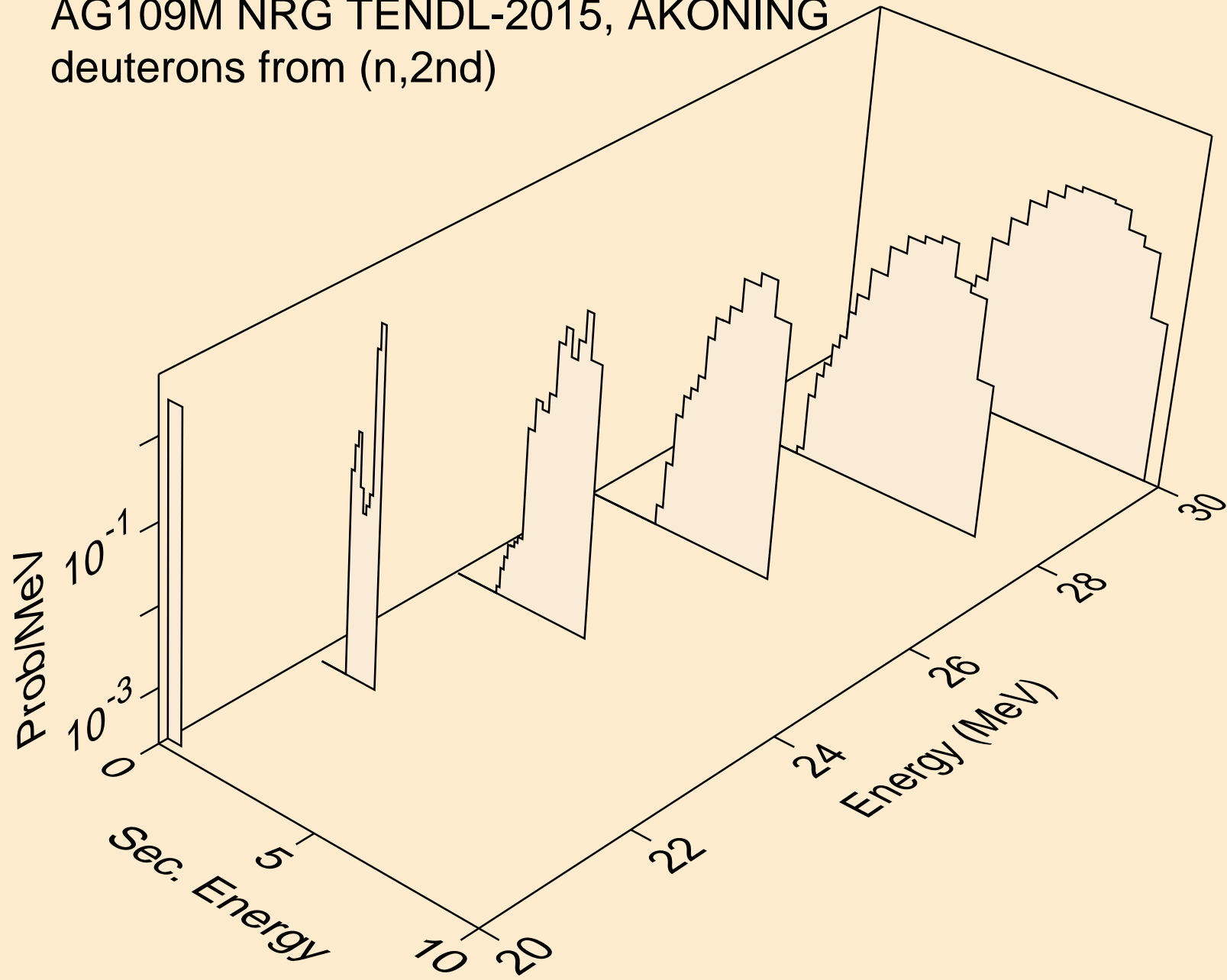
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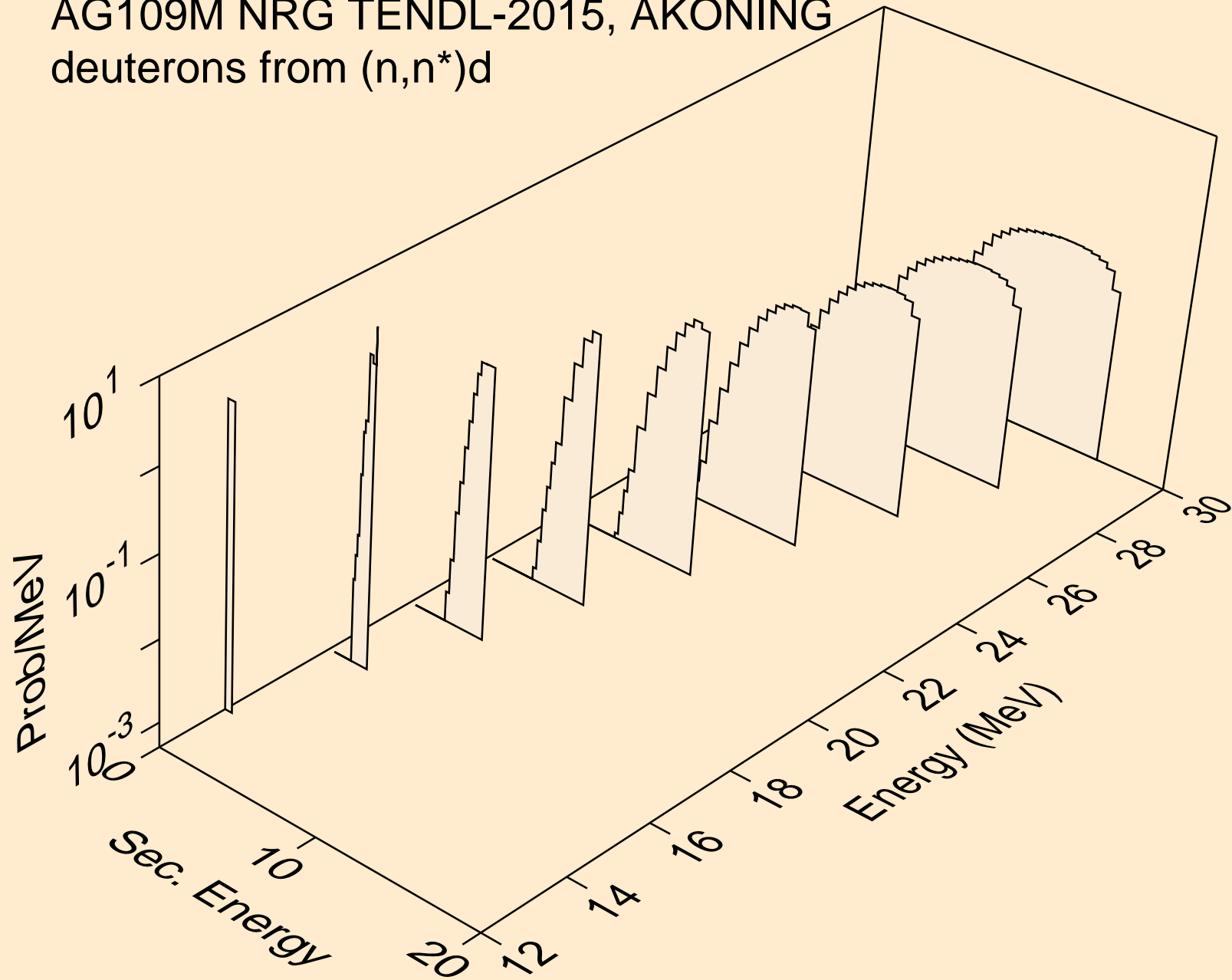
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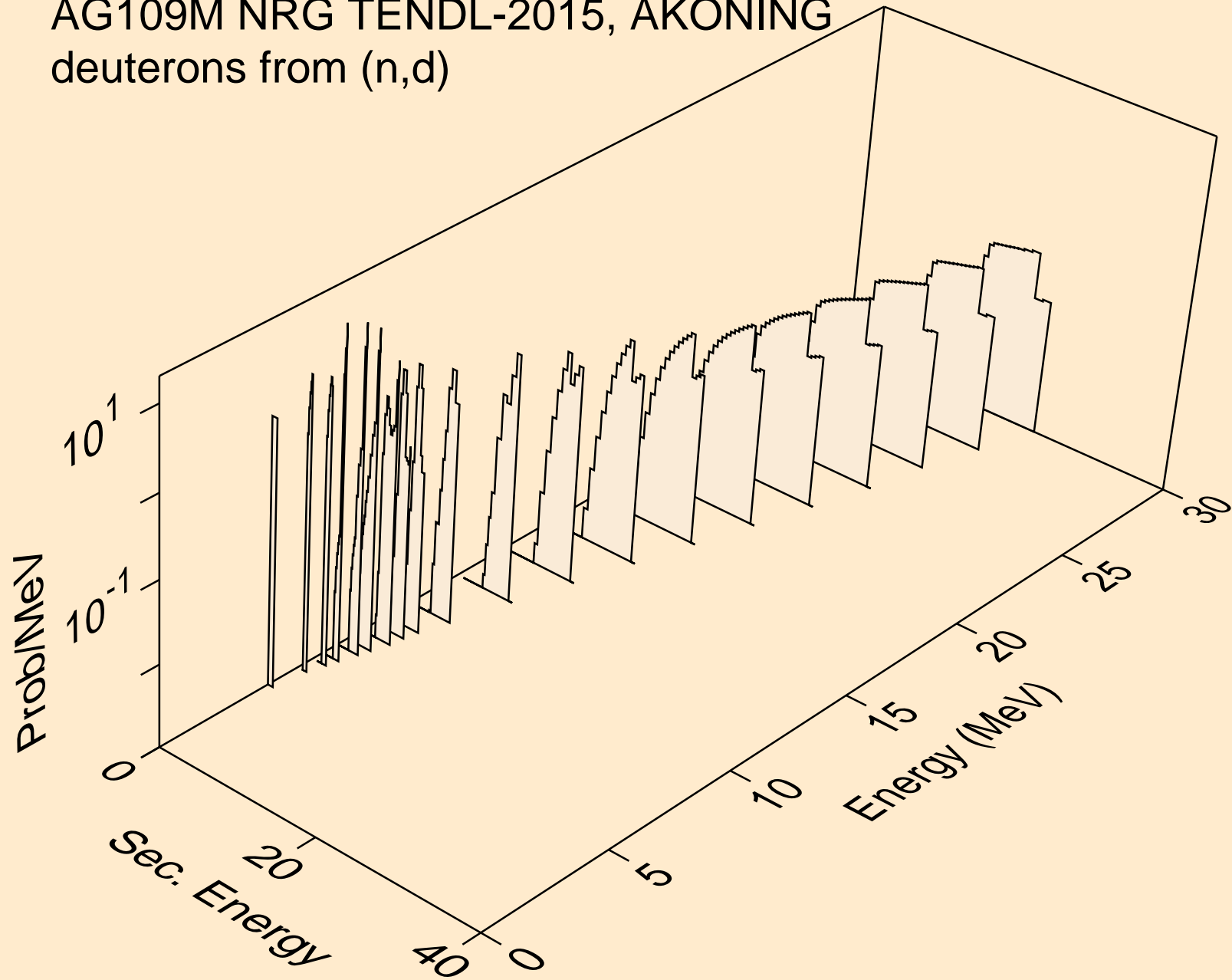
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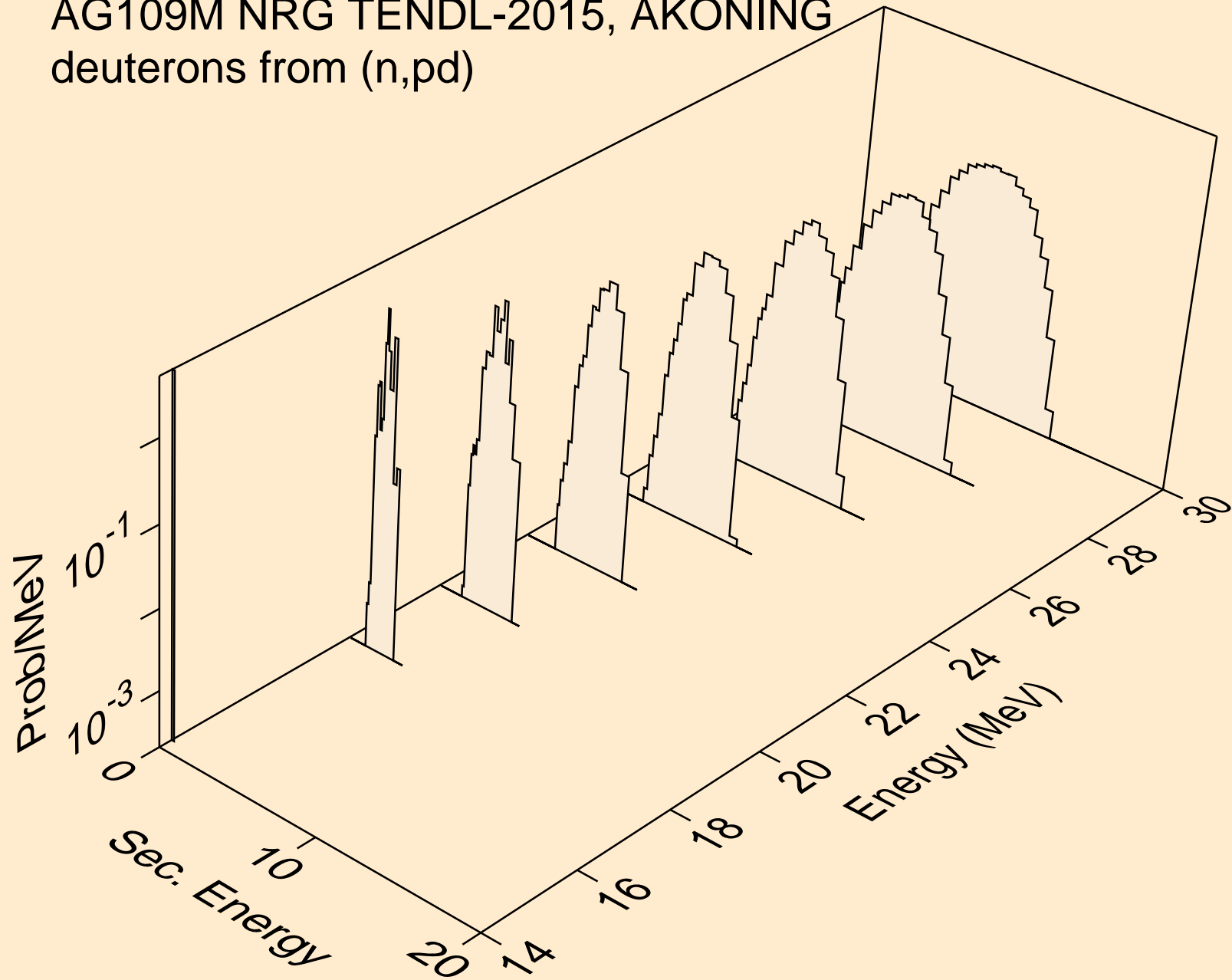
AG109M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



AG109M NRG TENDL-2015, AKONING  
deuterons from (n,d)

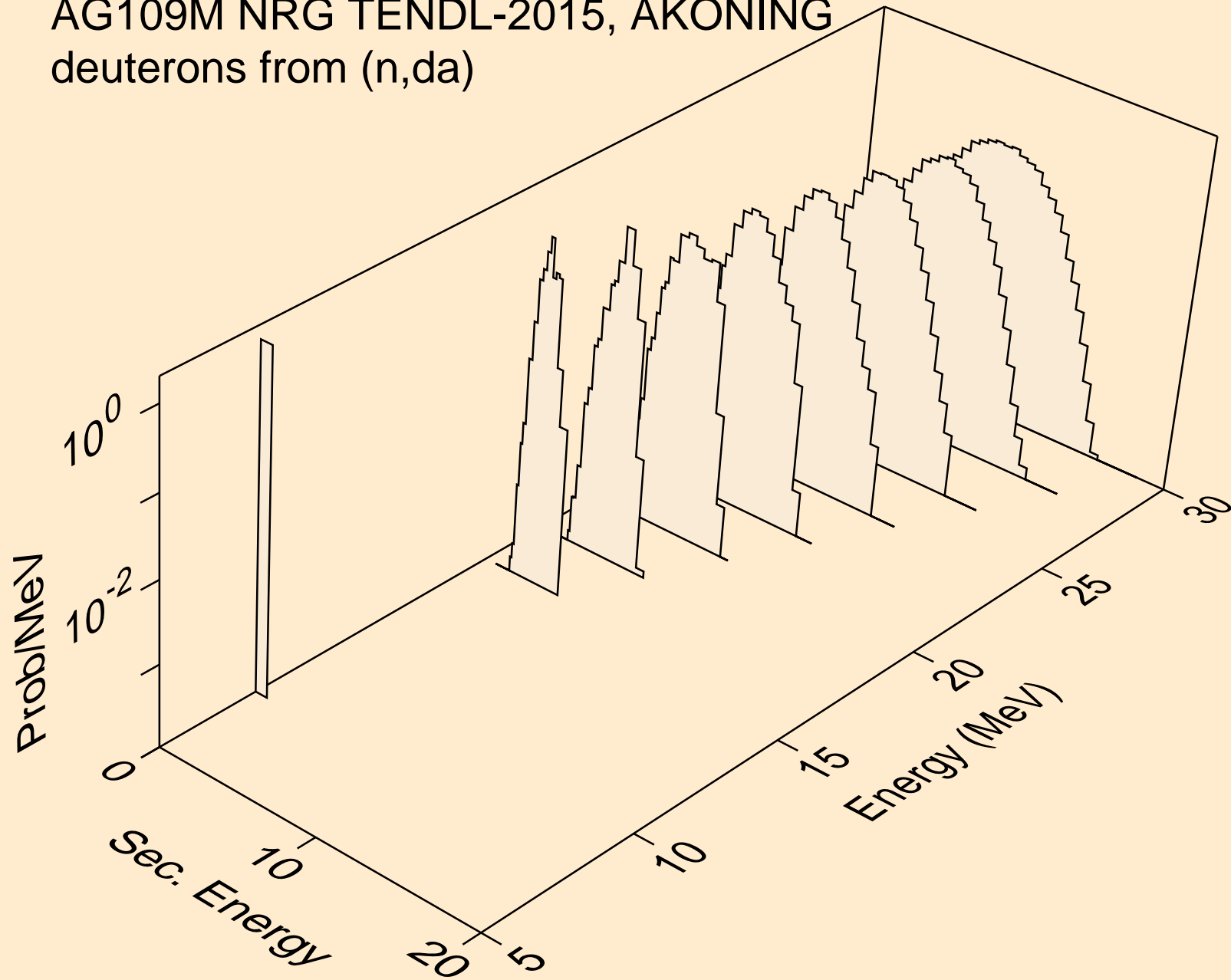


AG109M NRG TENDL-2015, AKONING  
deuterons from (n,pd)

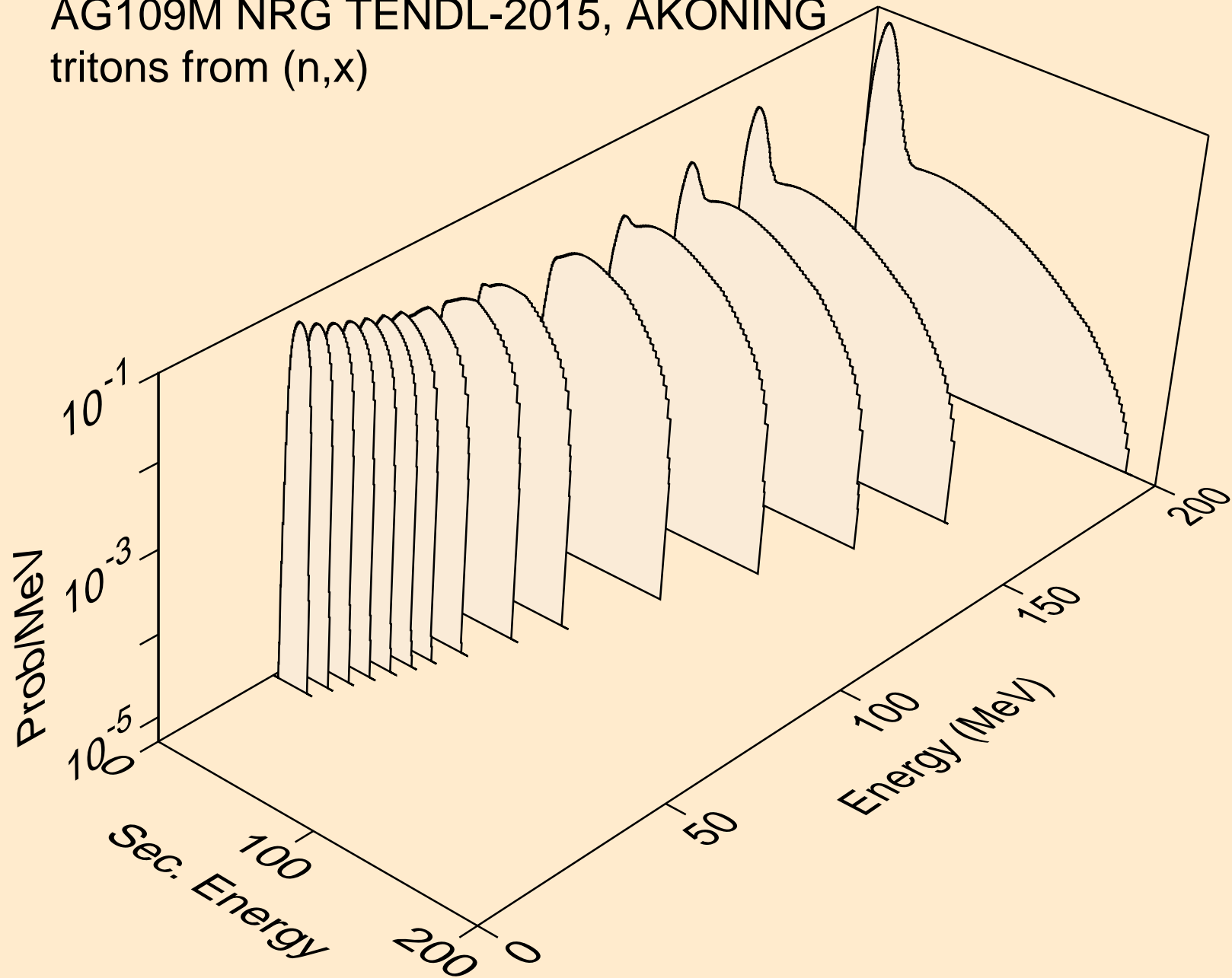




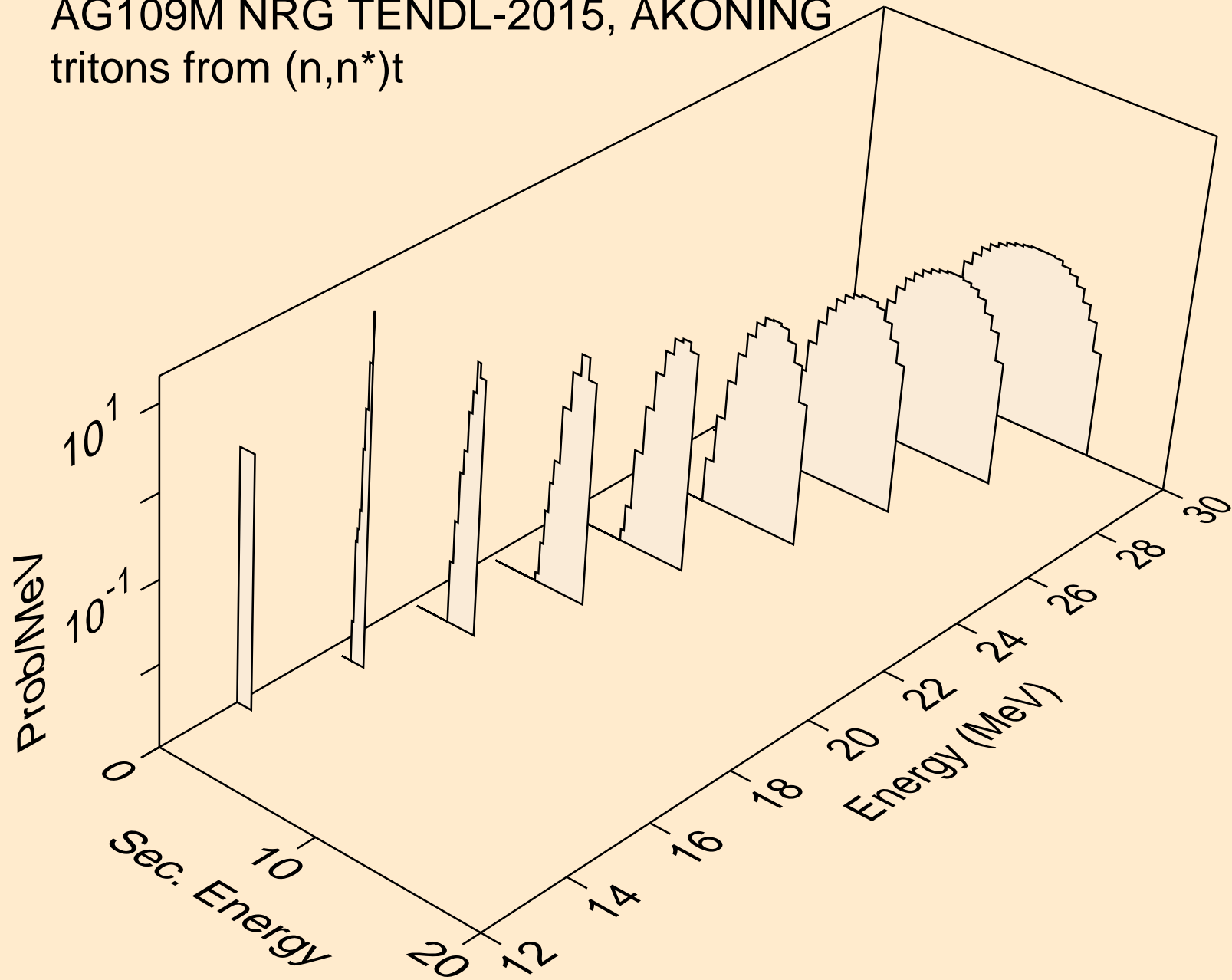
AG109M NRG TENDL-2015, AKONING  
deuterons from (n,da)



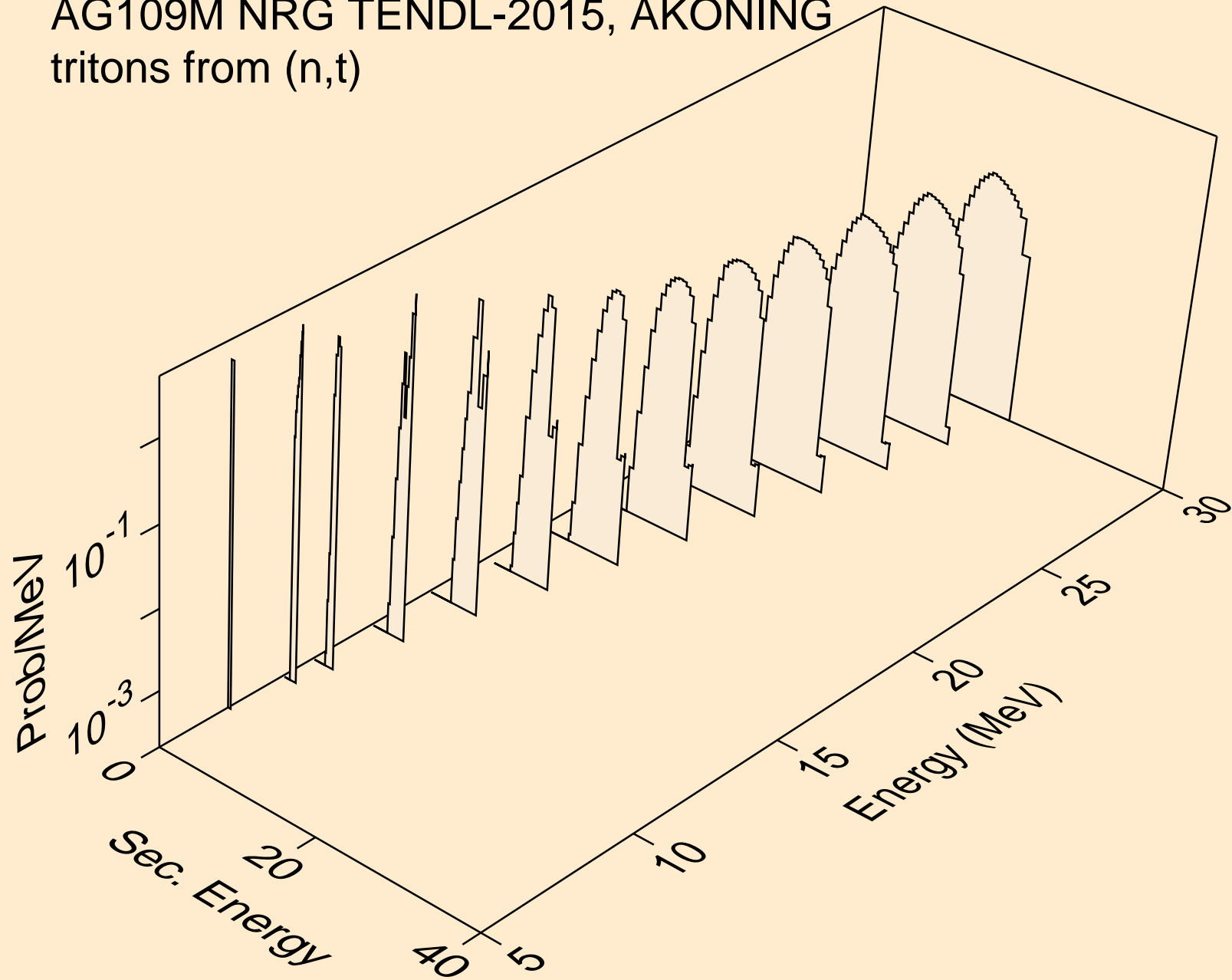
AG109M NRG TENDL-2015, AKONING  
tritons from (n,x)



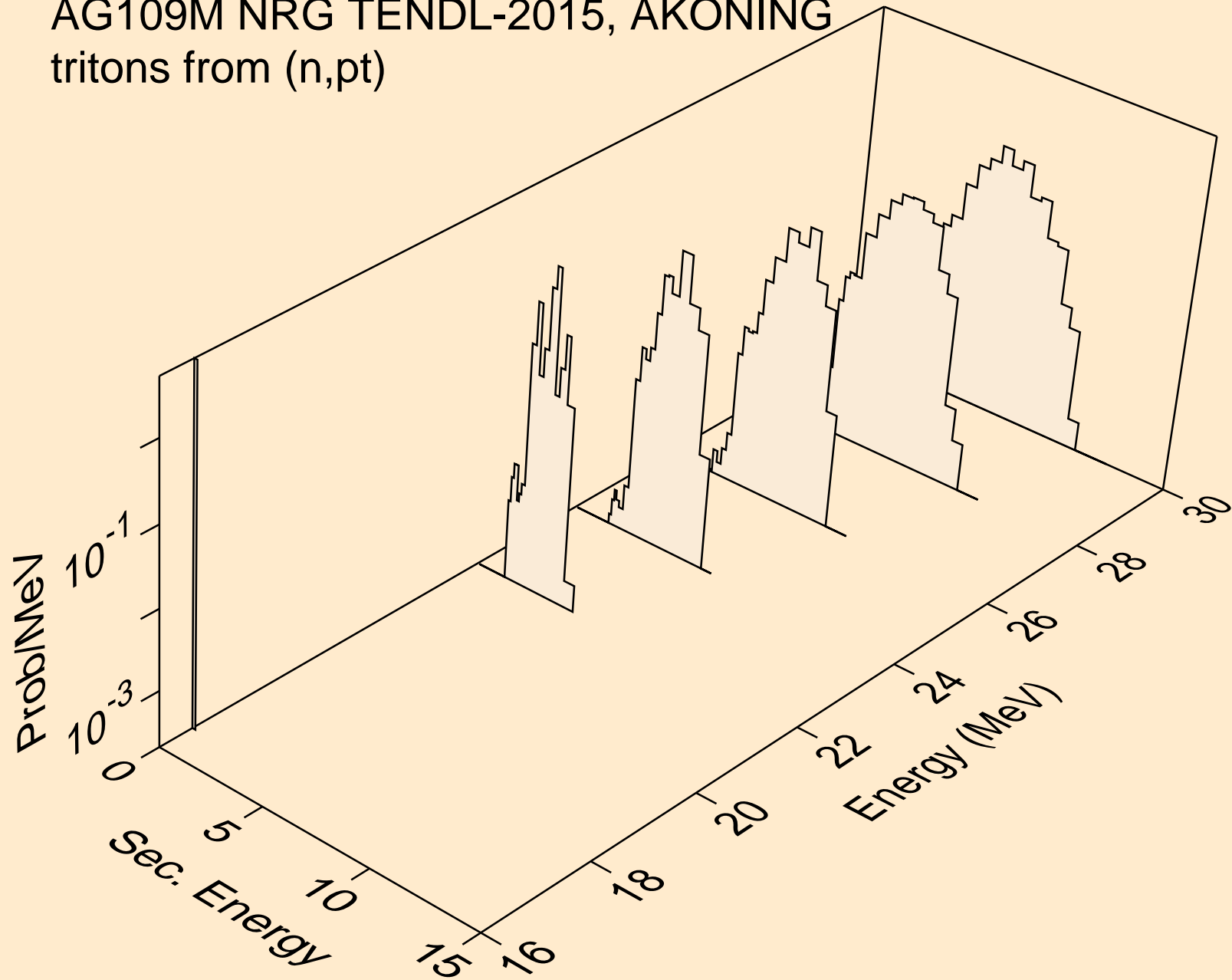
AG109M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



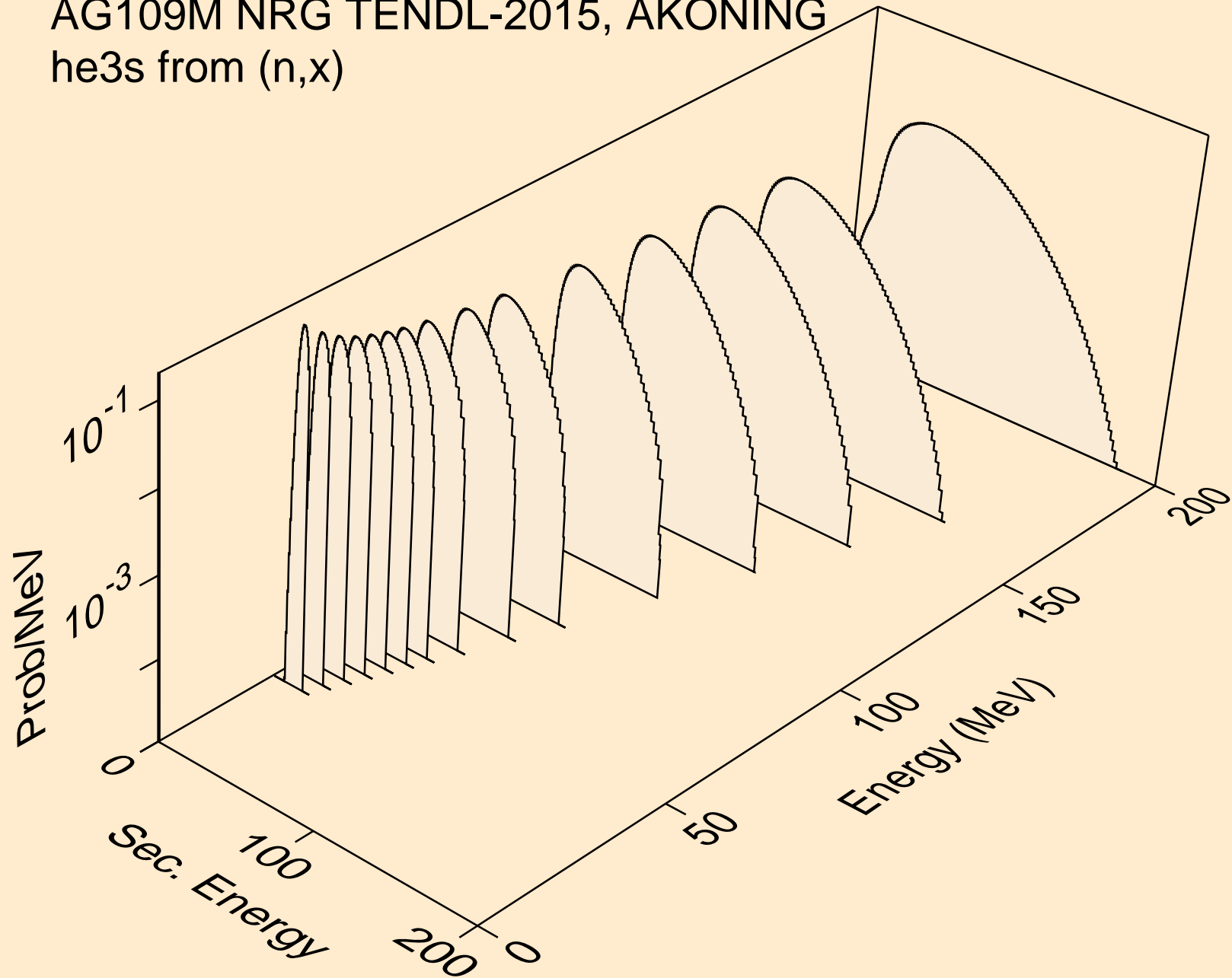
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tritons from (n,t)



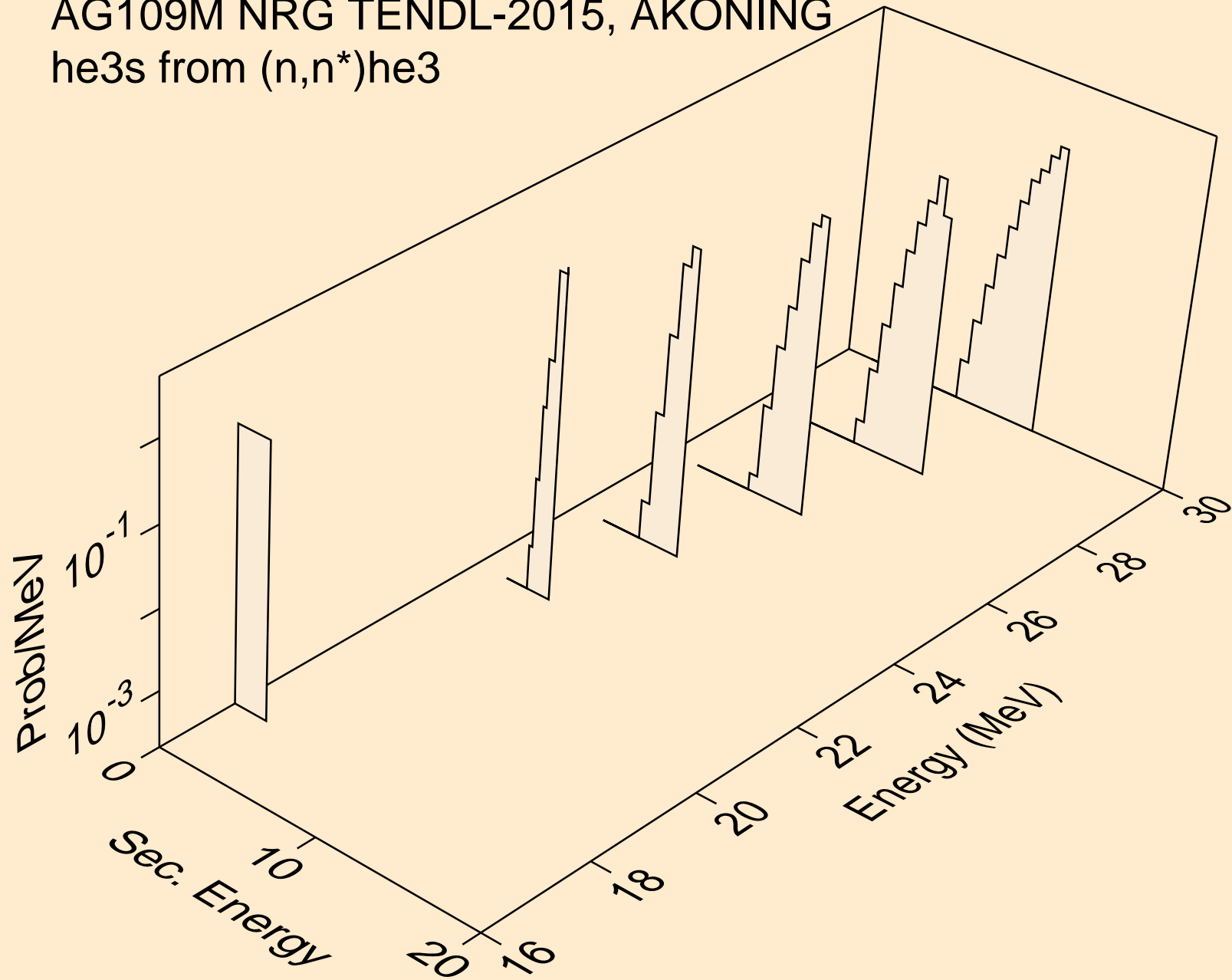
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tritons from (n,pt)



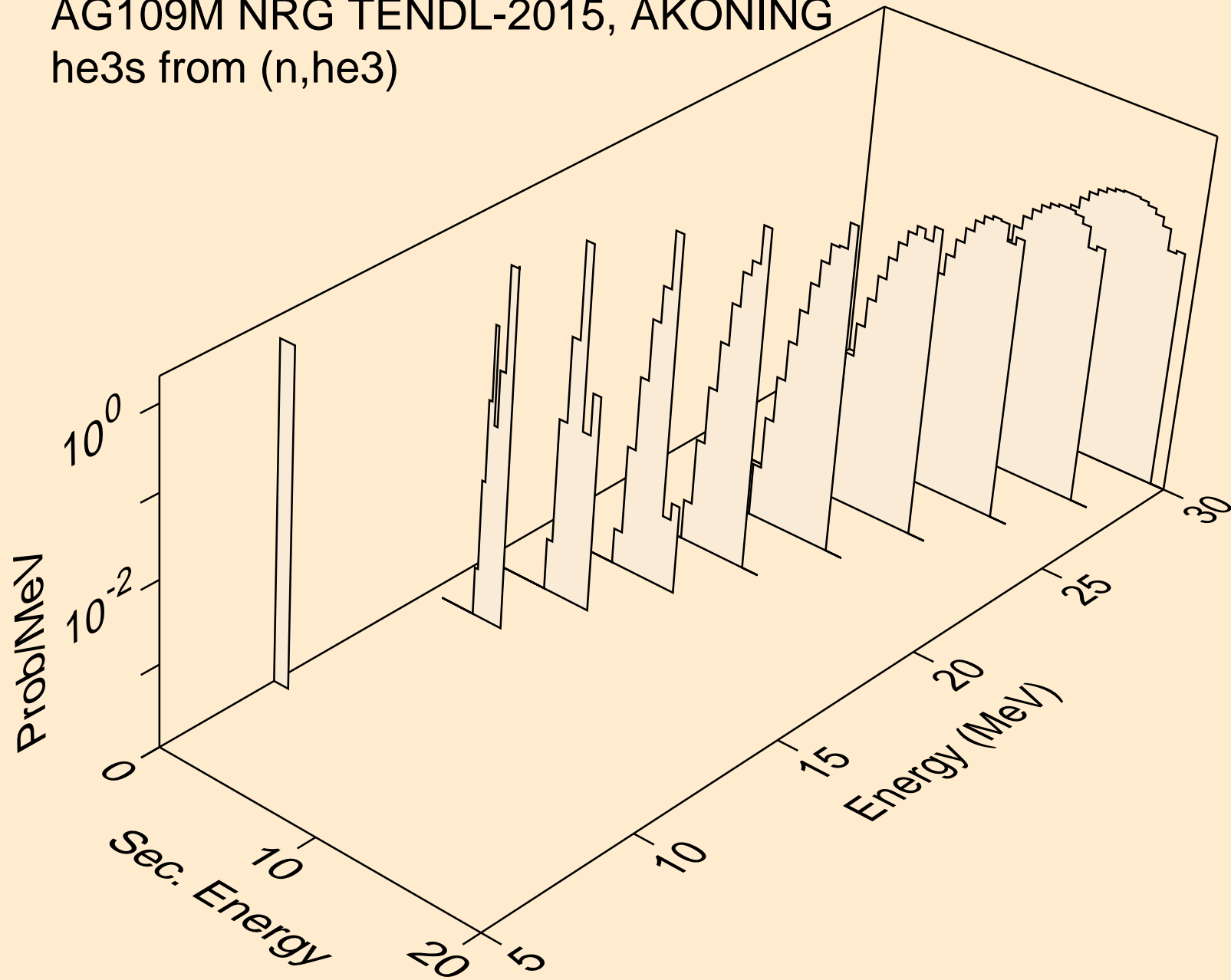
AG109M NRG TENDL-2015, AKONING  
he3s from (n,x)



AG109M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

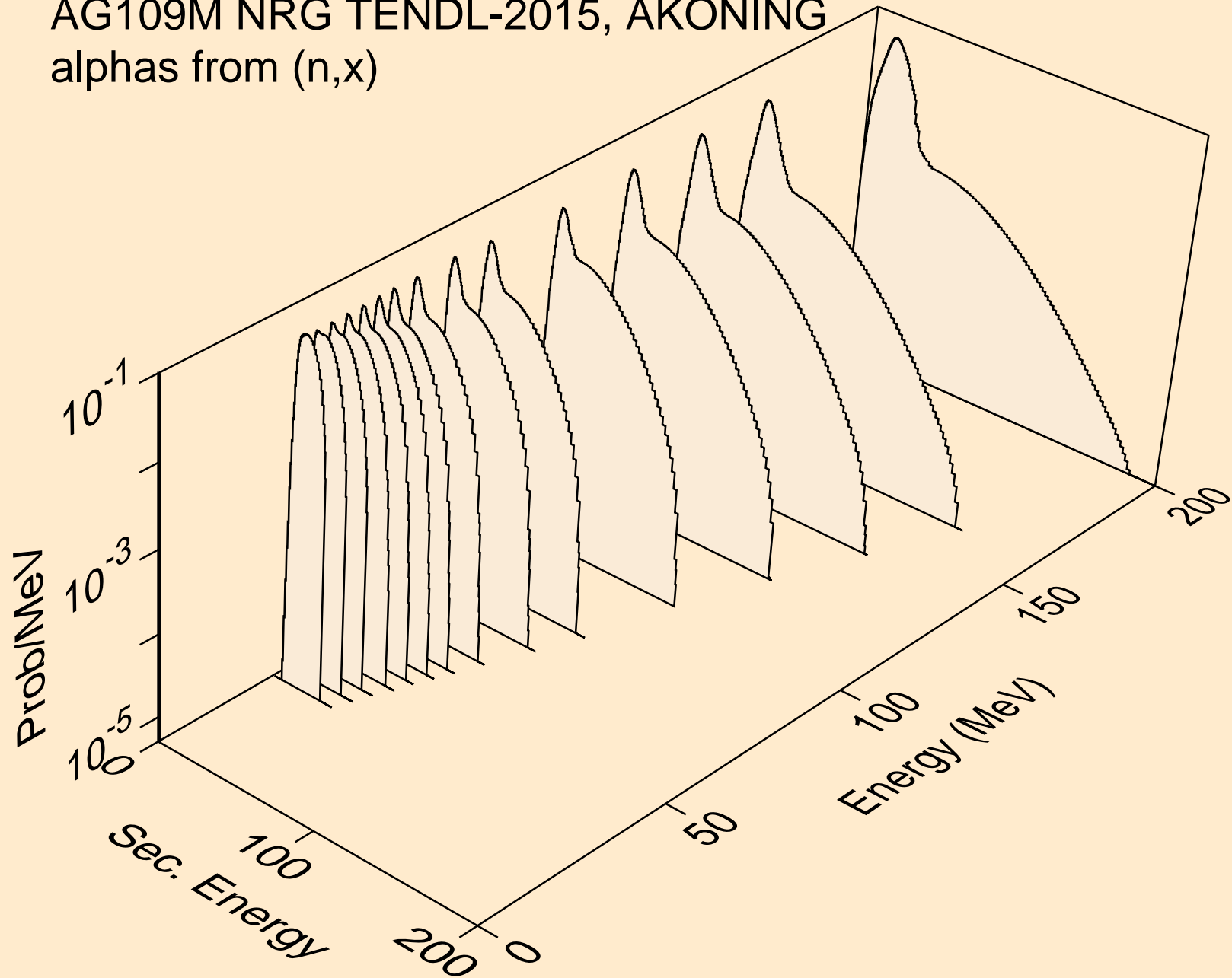


AG109M NRG TENDL-2015, AKONING  
he3s from (n,he3)

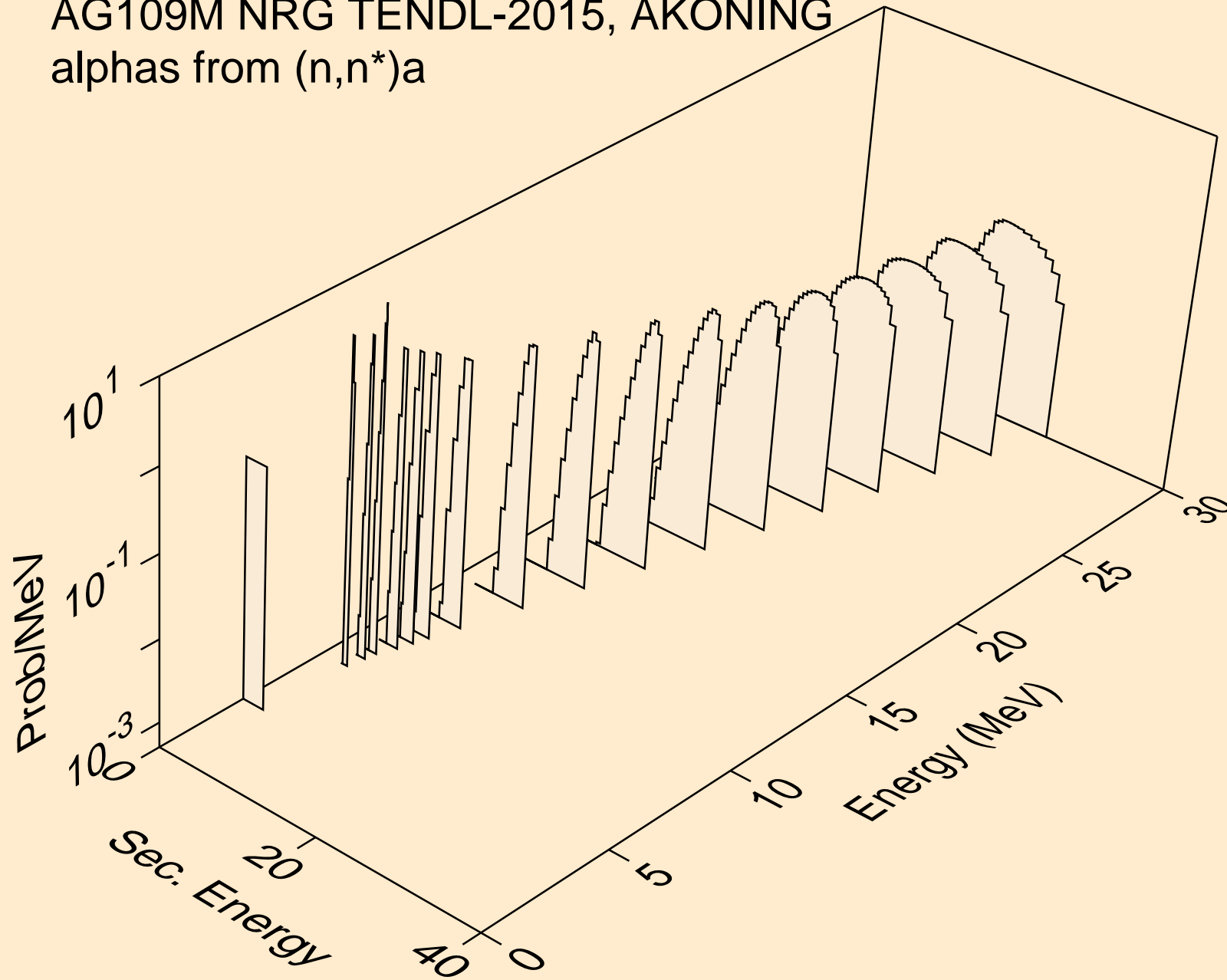




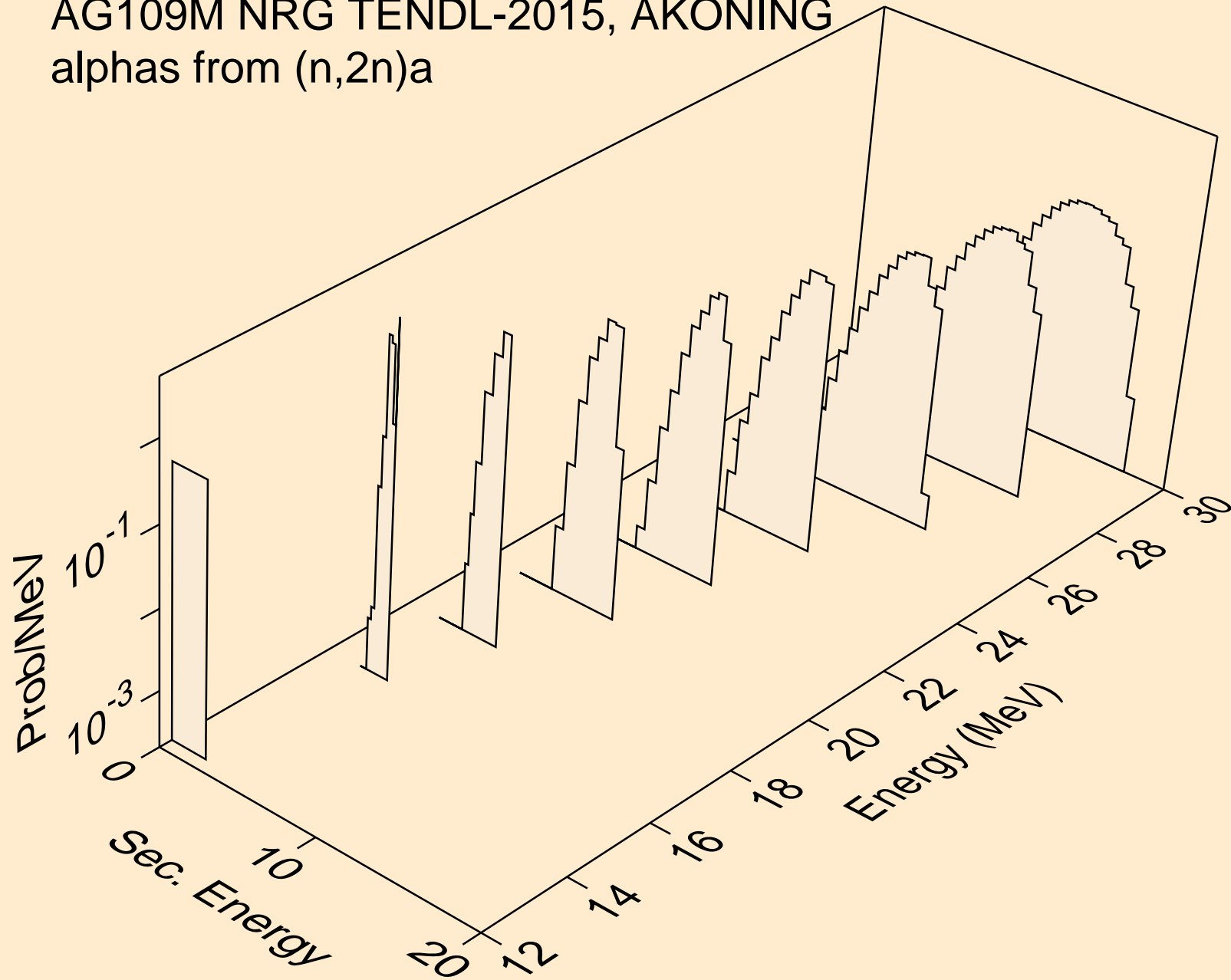
AG109M NRG TENDL-2015, AKONING  
alphas from (n,x)



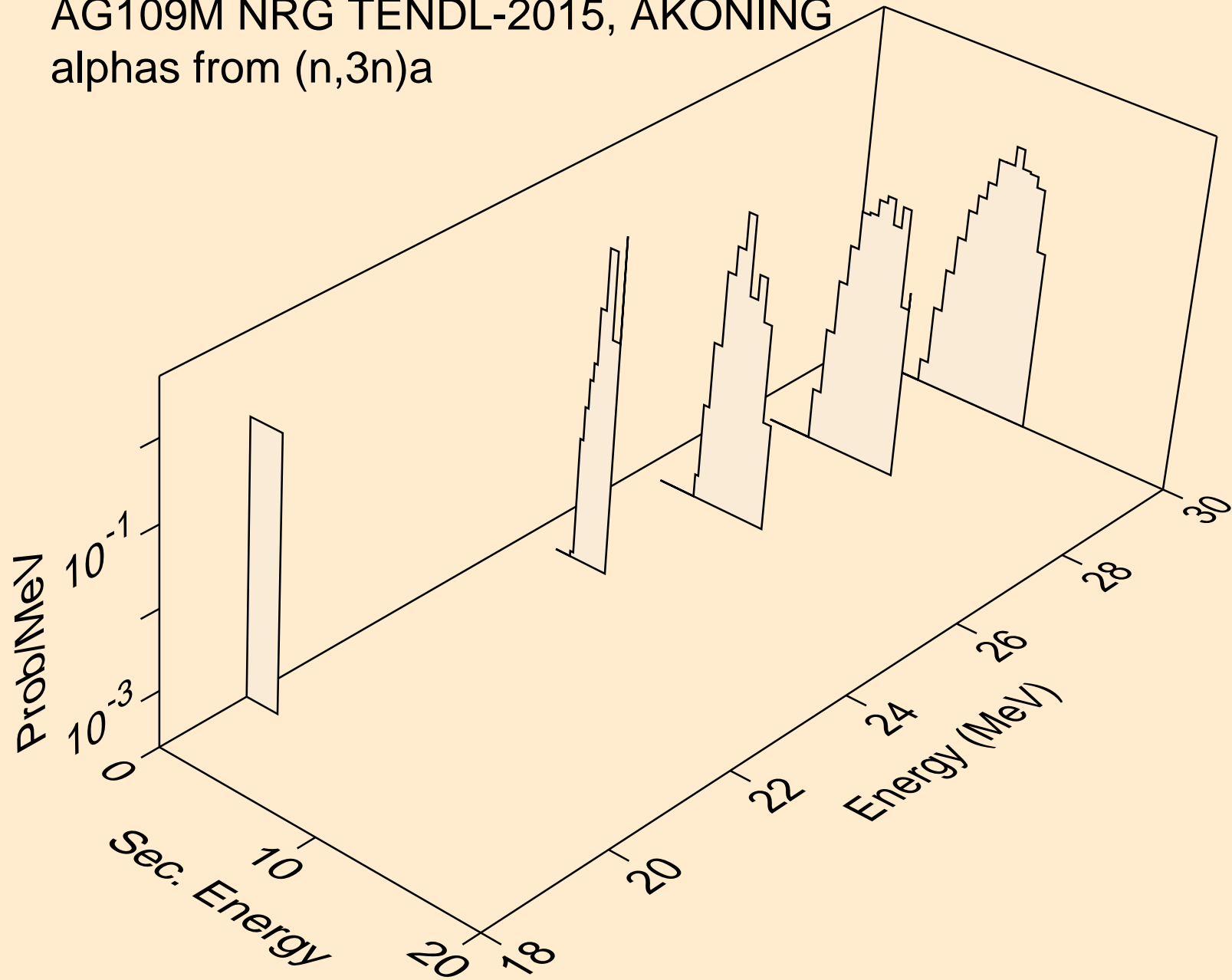
AG109M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



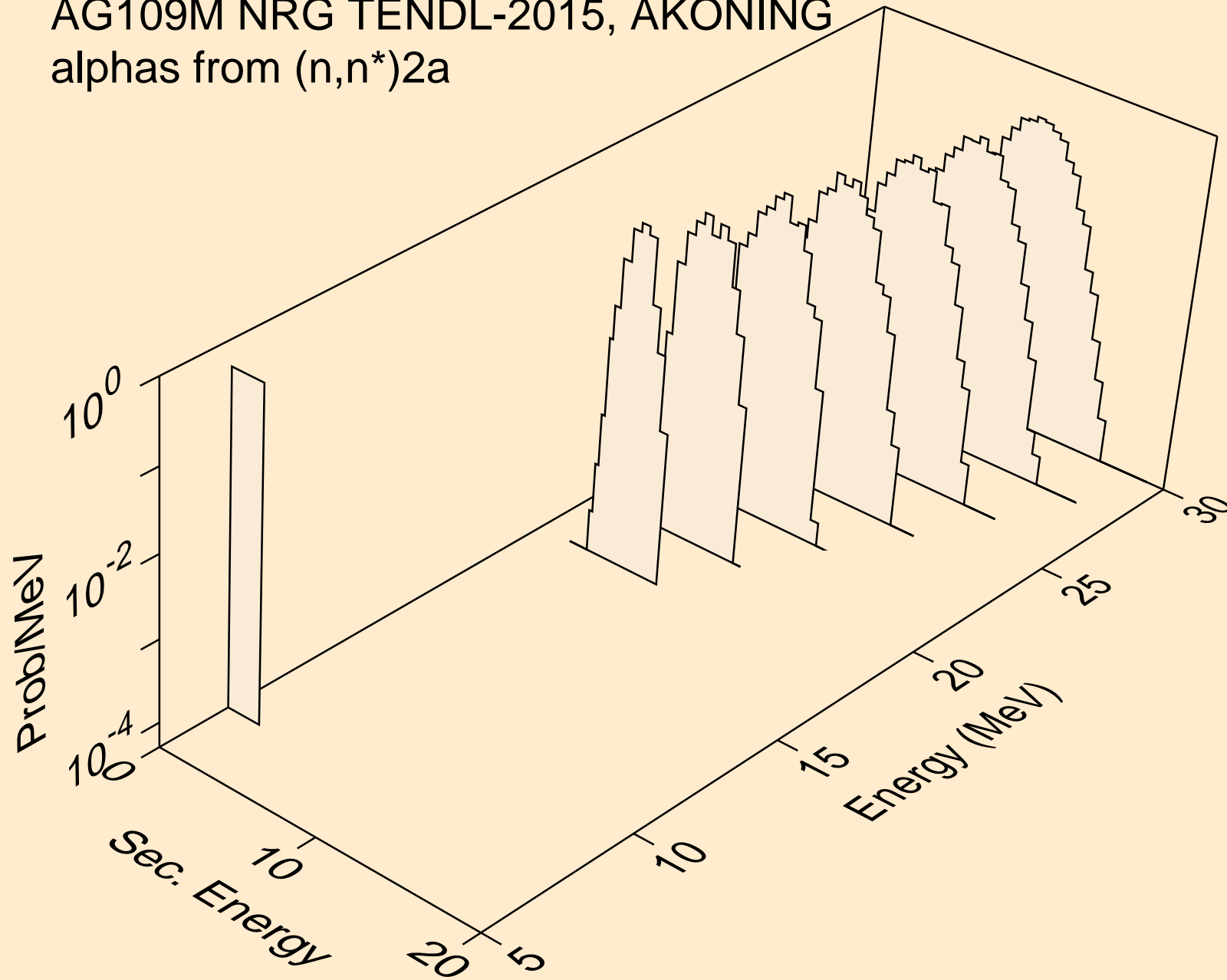
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alphas from (n,2n)a



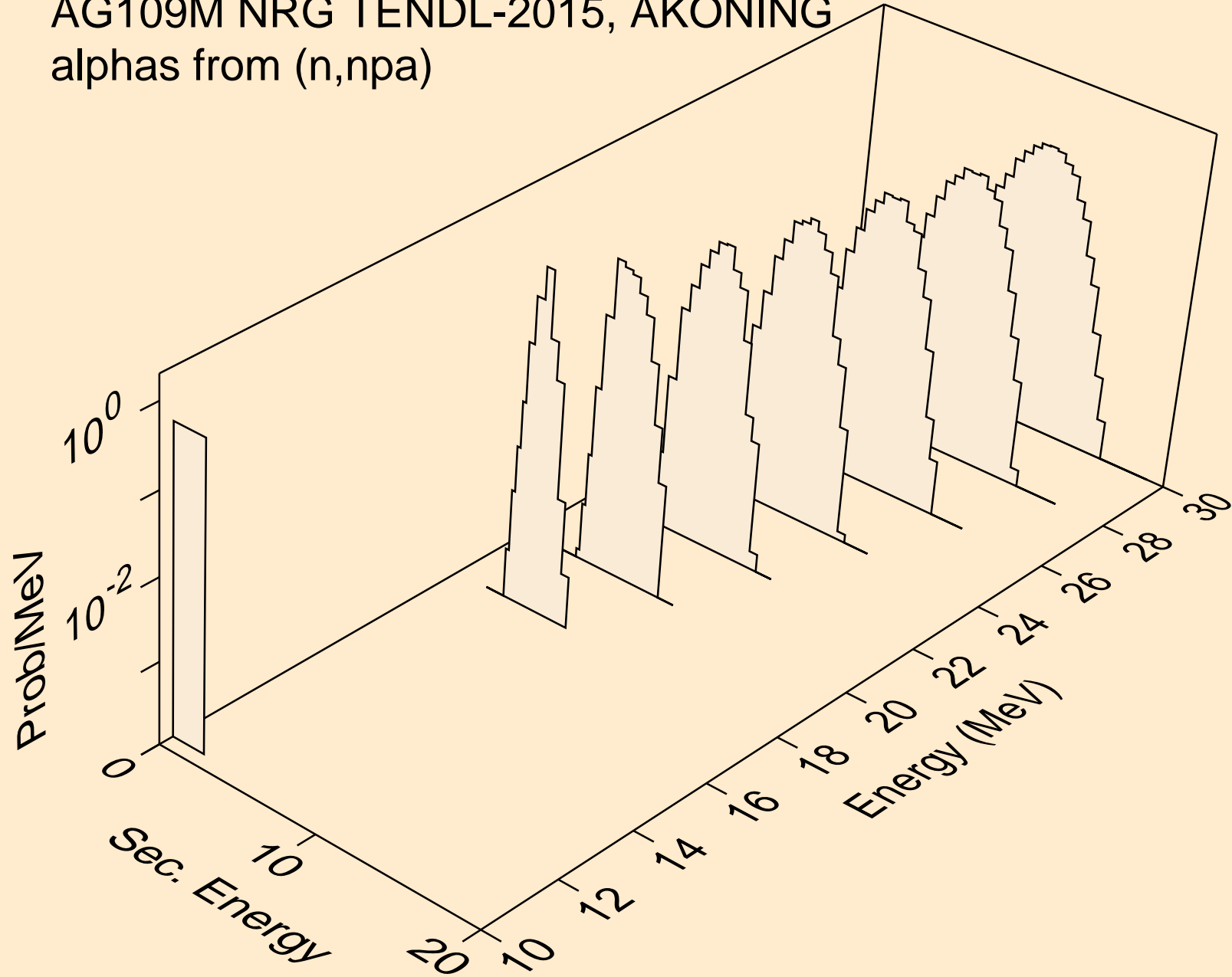
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alphas from (n,3n)a



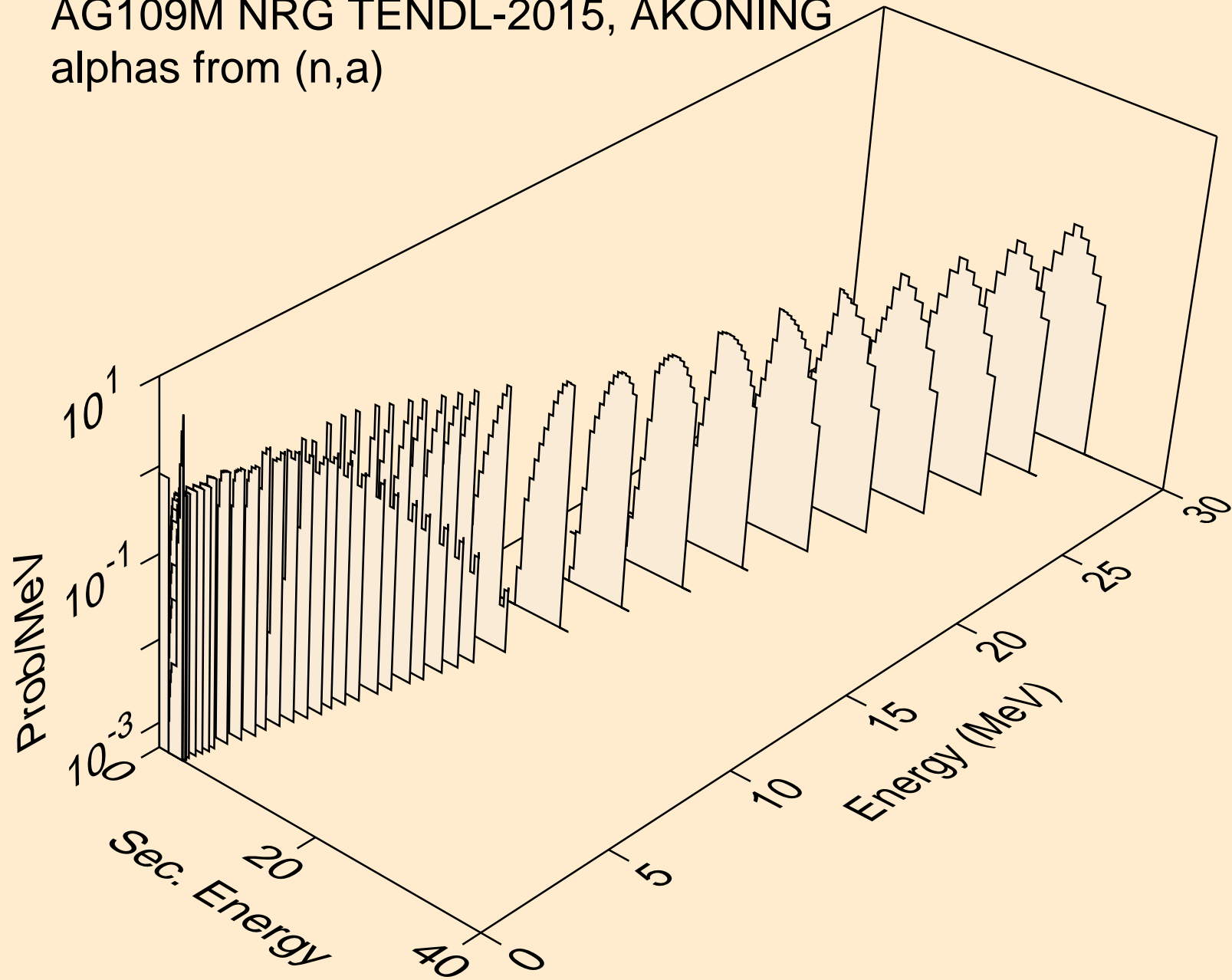
AG109M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



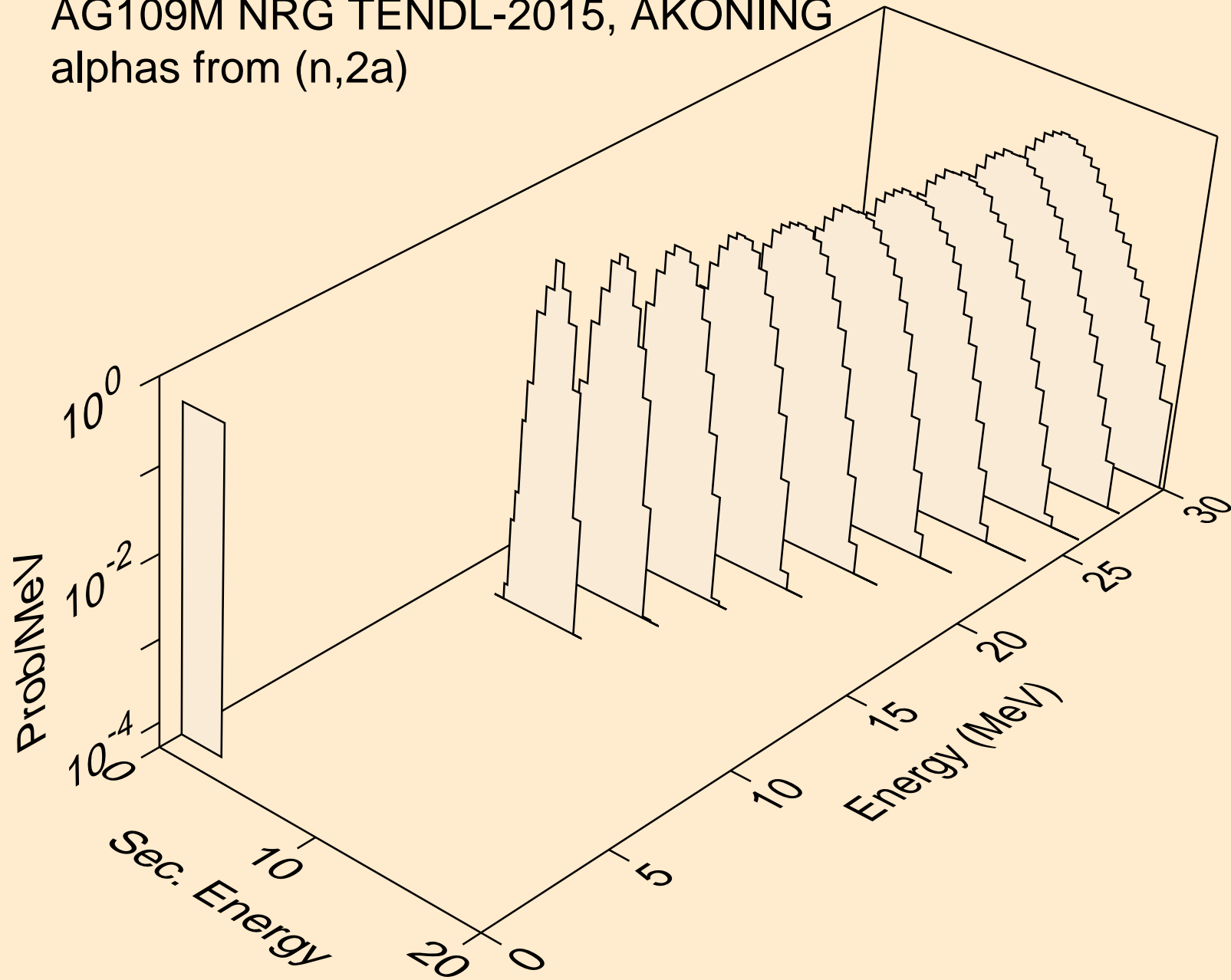
AG109M NRG TENDL-2015, AKONING  
alphas from (n,npa)



AG109M NRG TENDL-2015, AKONING  
alphas from (n,a)

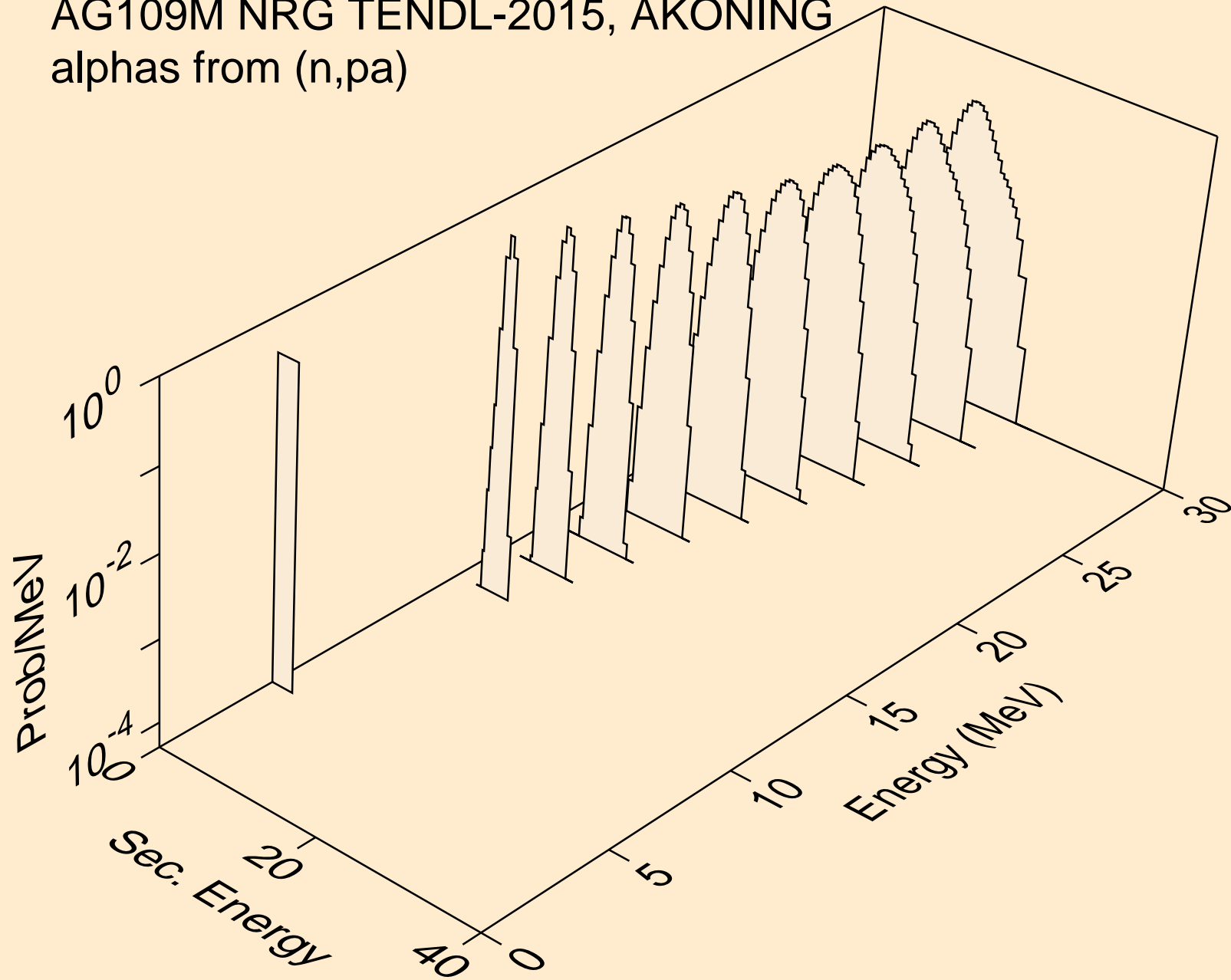


AG109M NRG TENDL-2015, AKONING  
alphas from (n,2a)





AG109M NRG TENDL-2015, AKONING  
alphas from (n,pa)



AG109M NRG TENDL-2015, AKONING  
alphas from (n,da)

