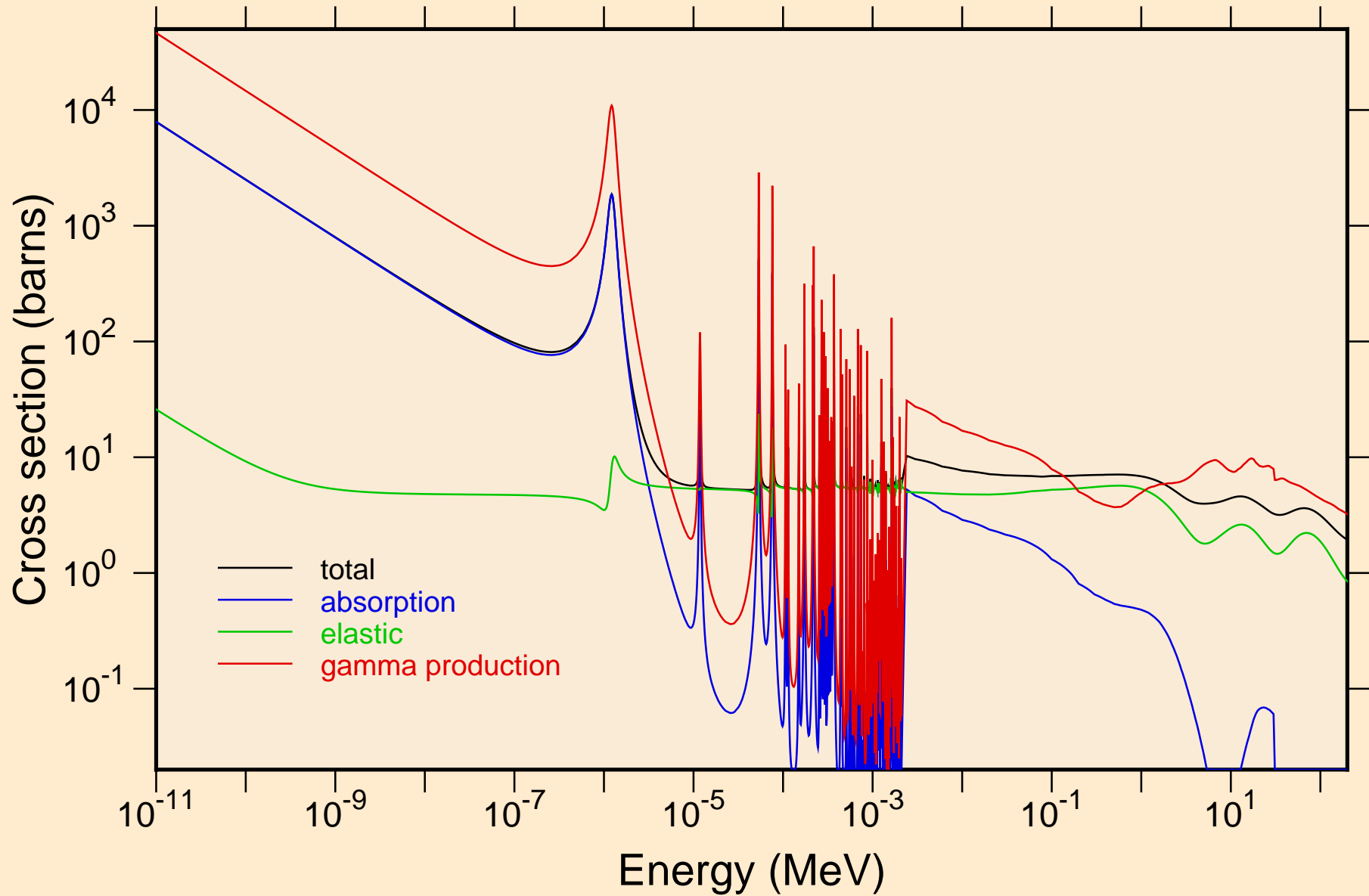
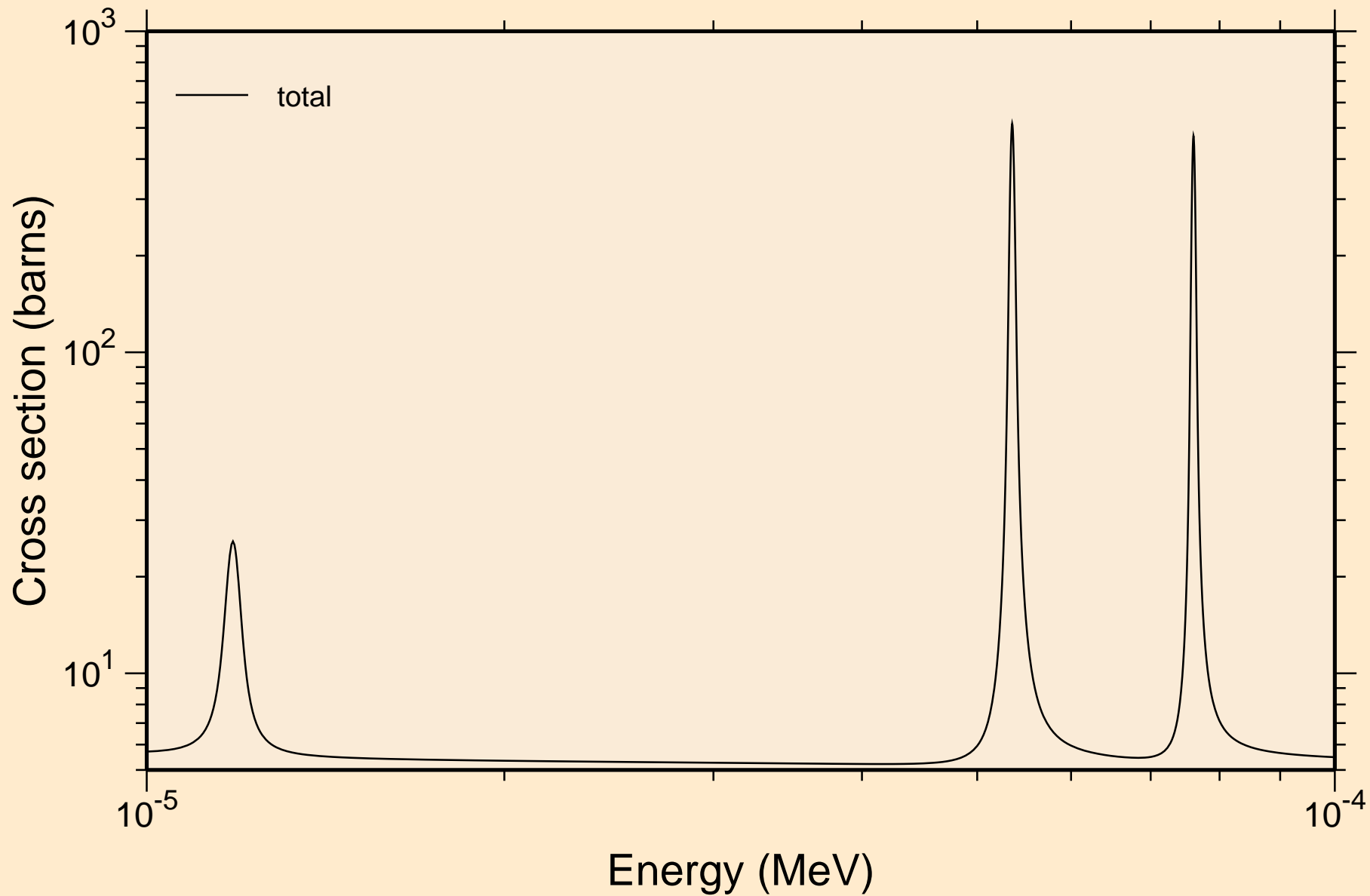


# IN116N NRG TENDL-2015, AKONING

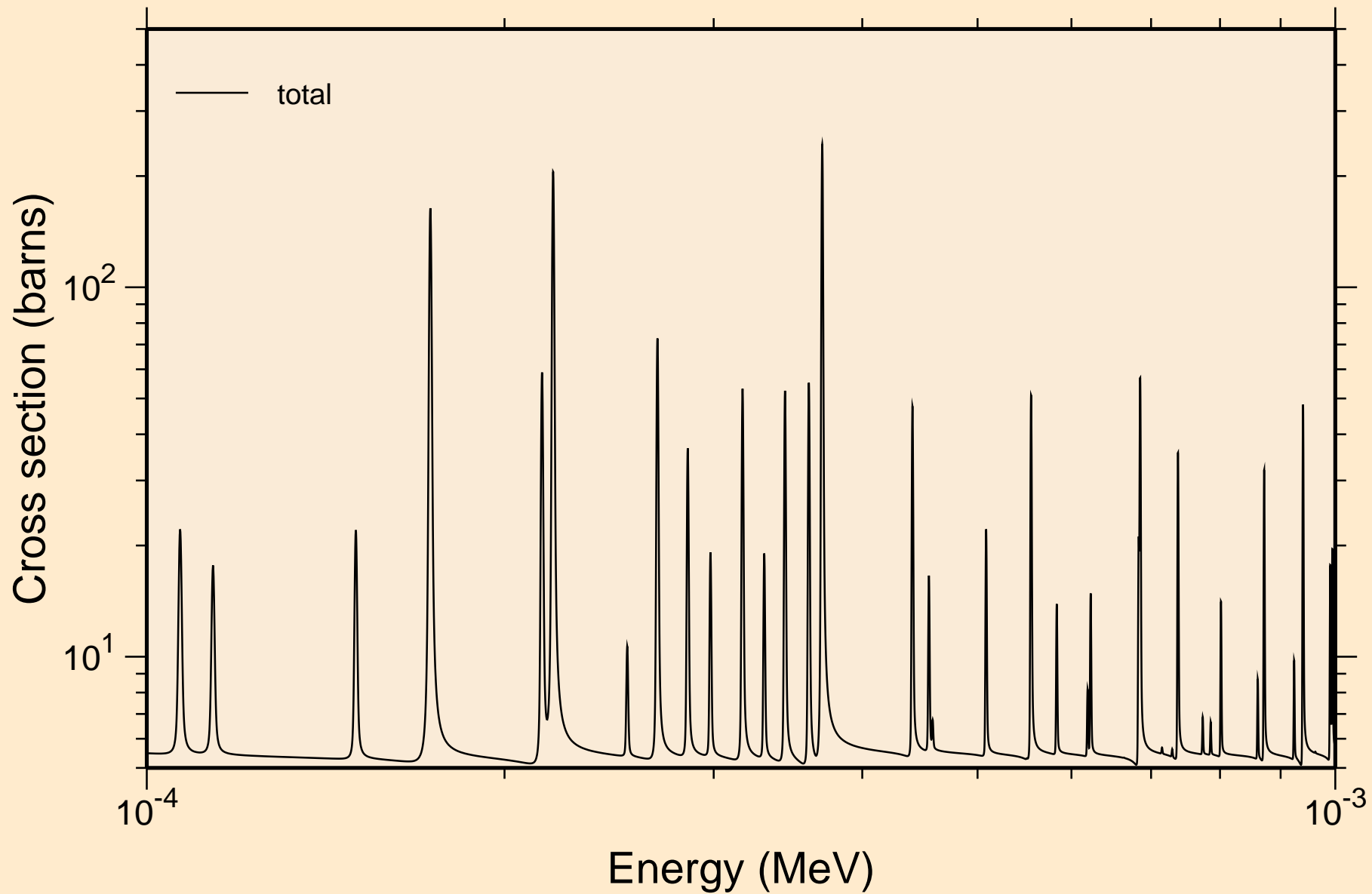
## Principal cross sections



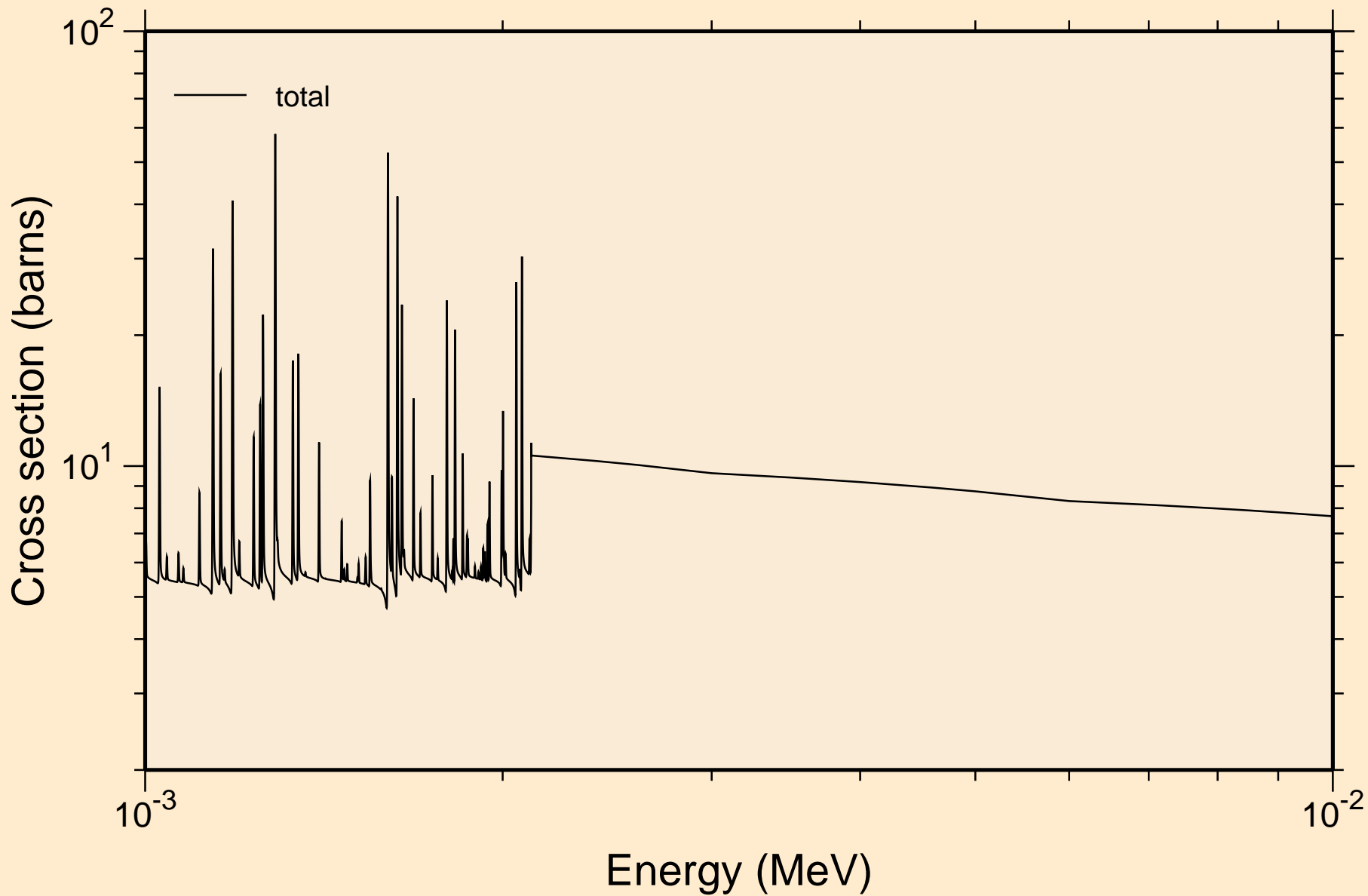
IN116N NRG TENDL-2015, AKONING  
resonance total cross section



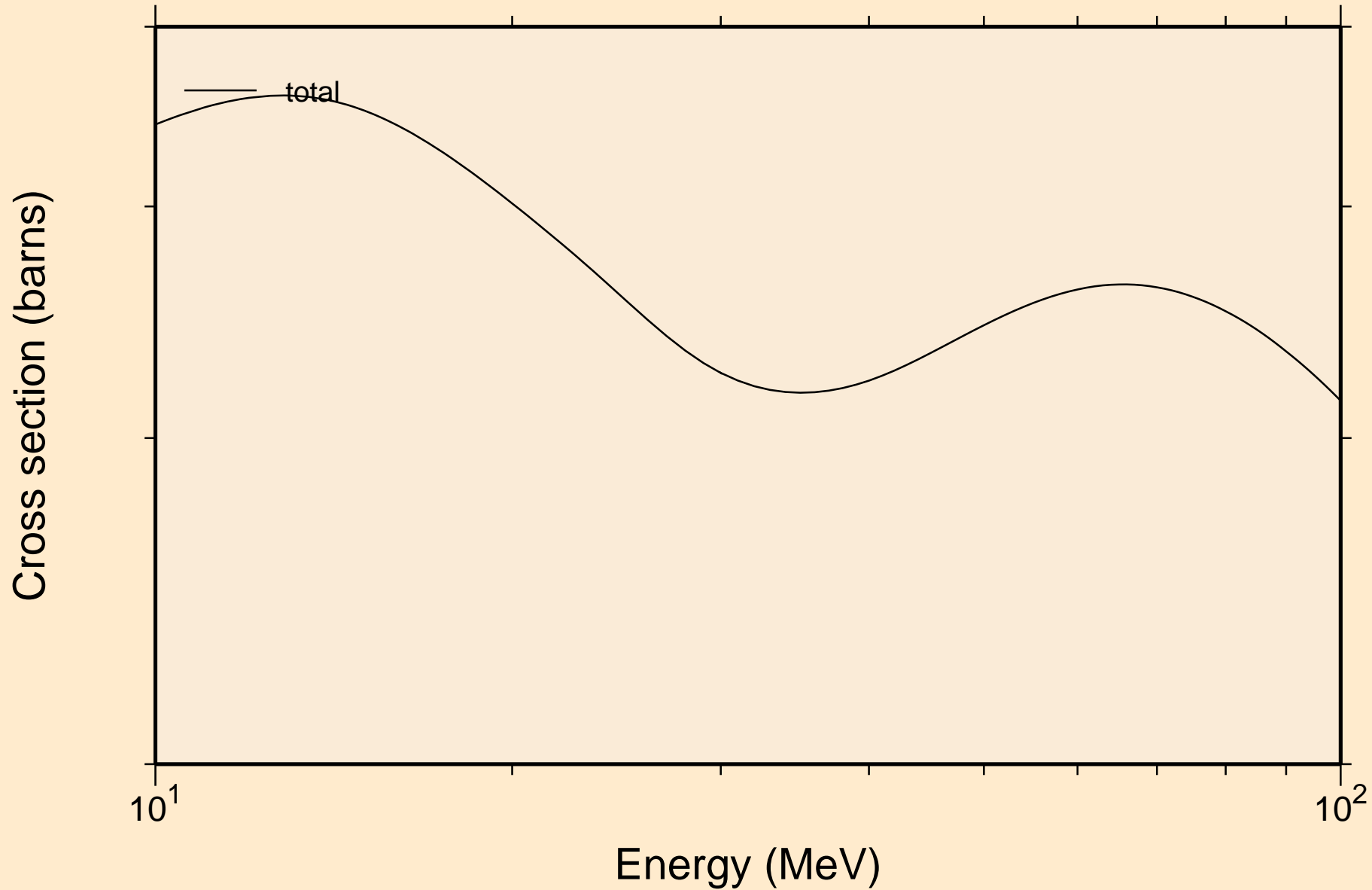
IN116N NRG TENDL-2015, AKONING  
resonance total cross section



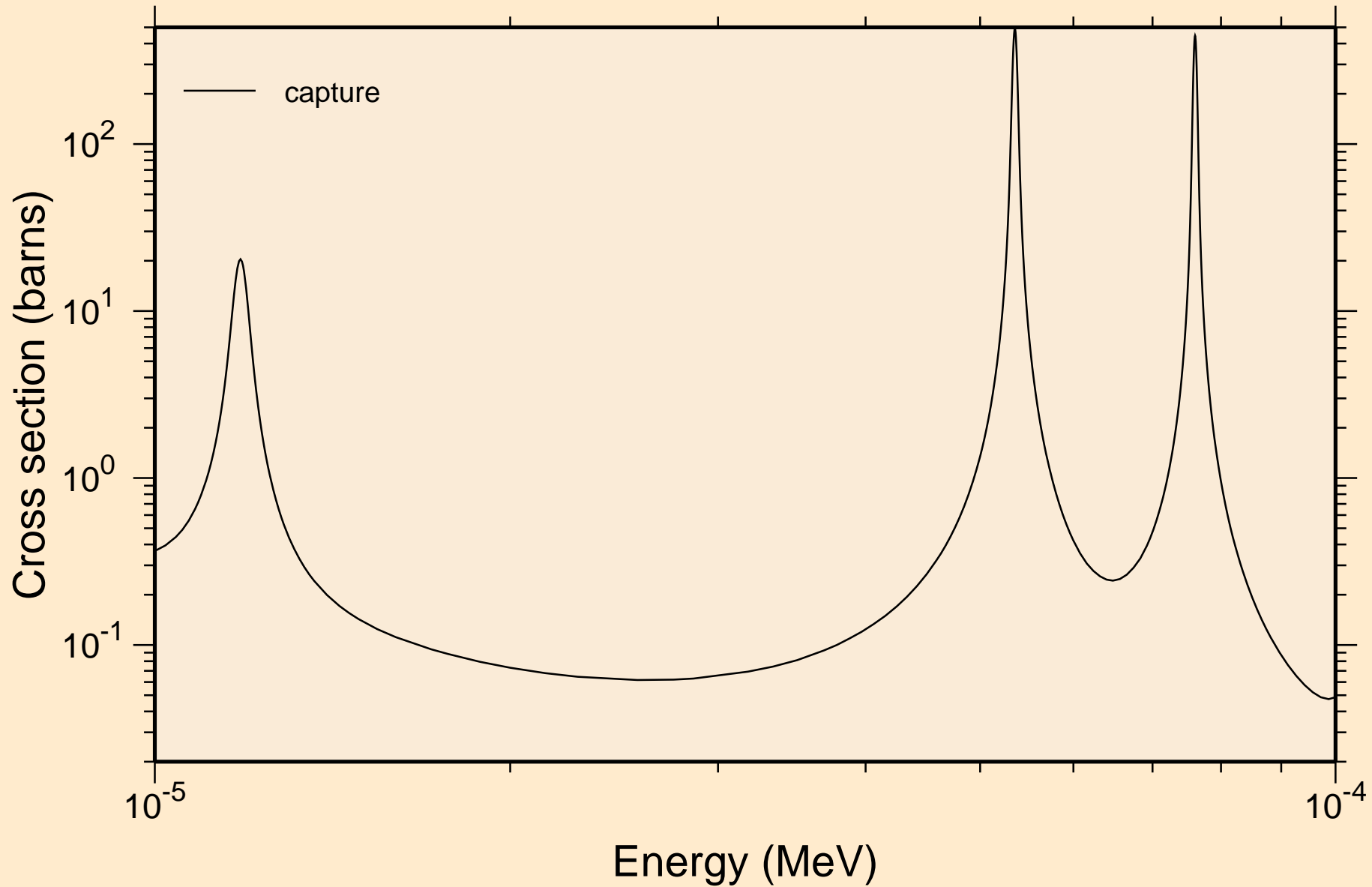
IN116N NRG TENDL-2015, AKONING  
resonance total cross section



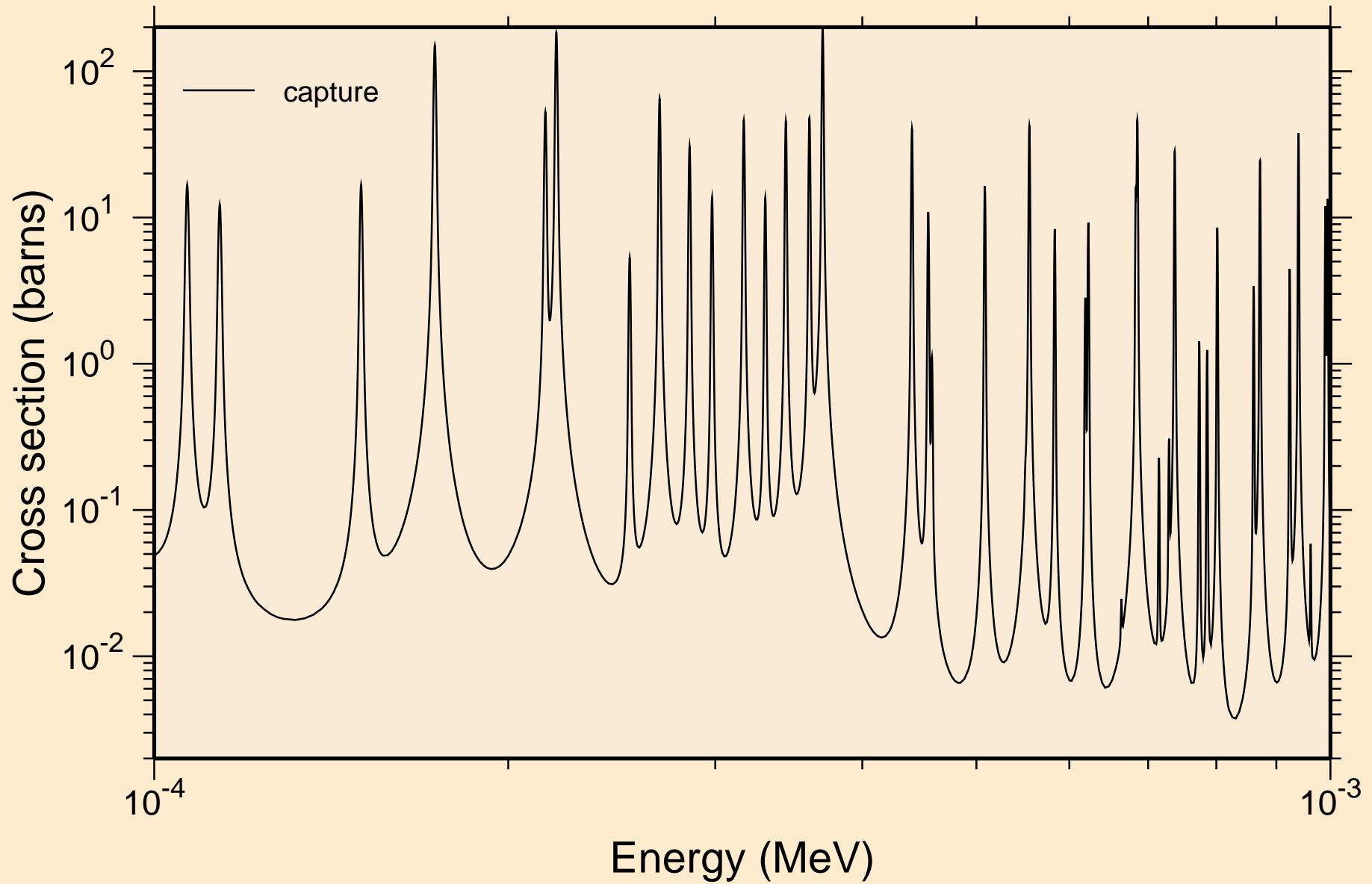
IN116N NRG TENDL-2015, AKONING  
resonance total cross section



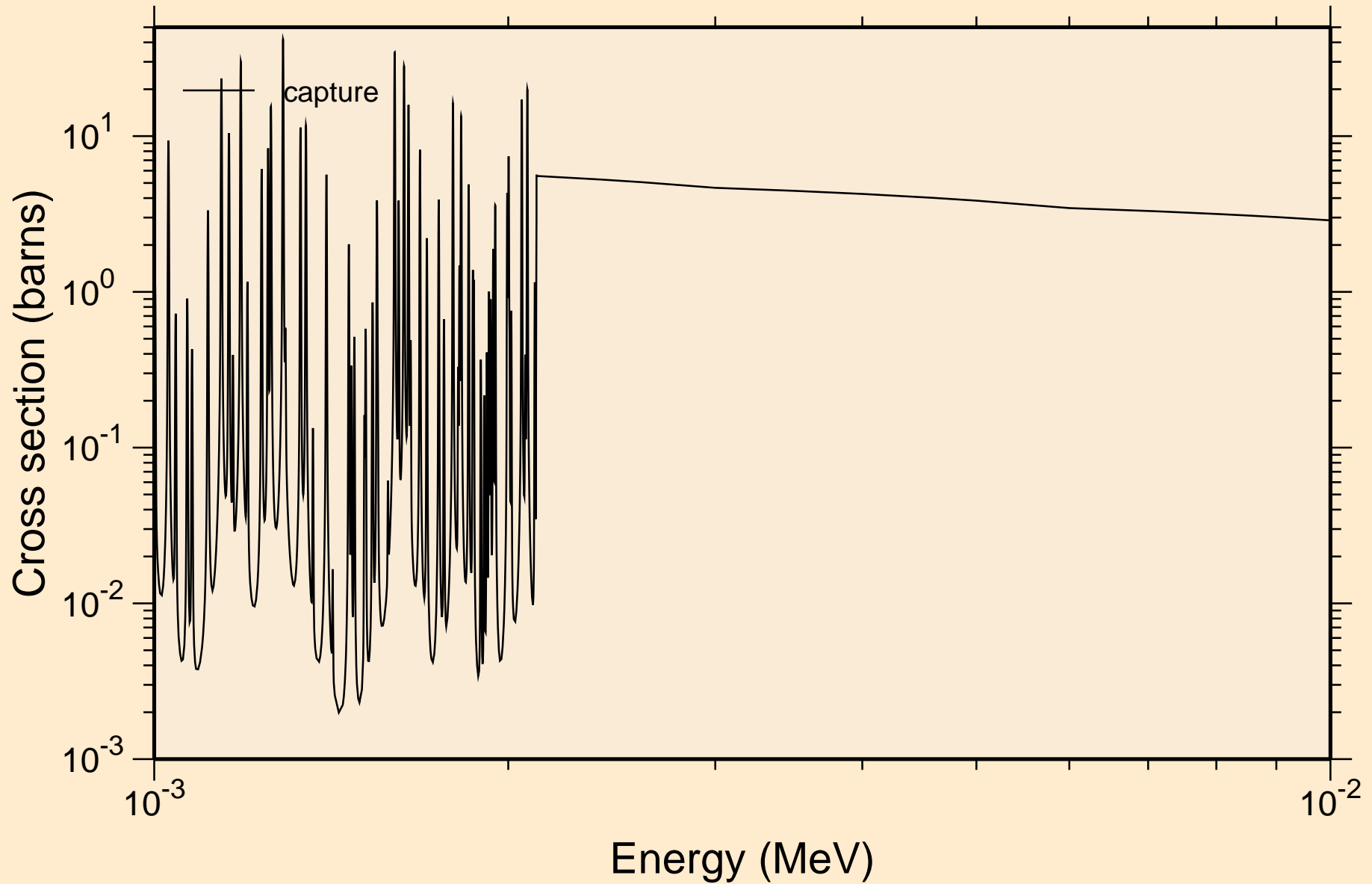
IN116N NRG TENDL-2015, AKONING  
resonance absorption cross sections



# IN116N NRG TENDL-2015, AKONING resonance absorption cross sections

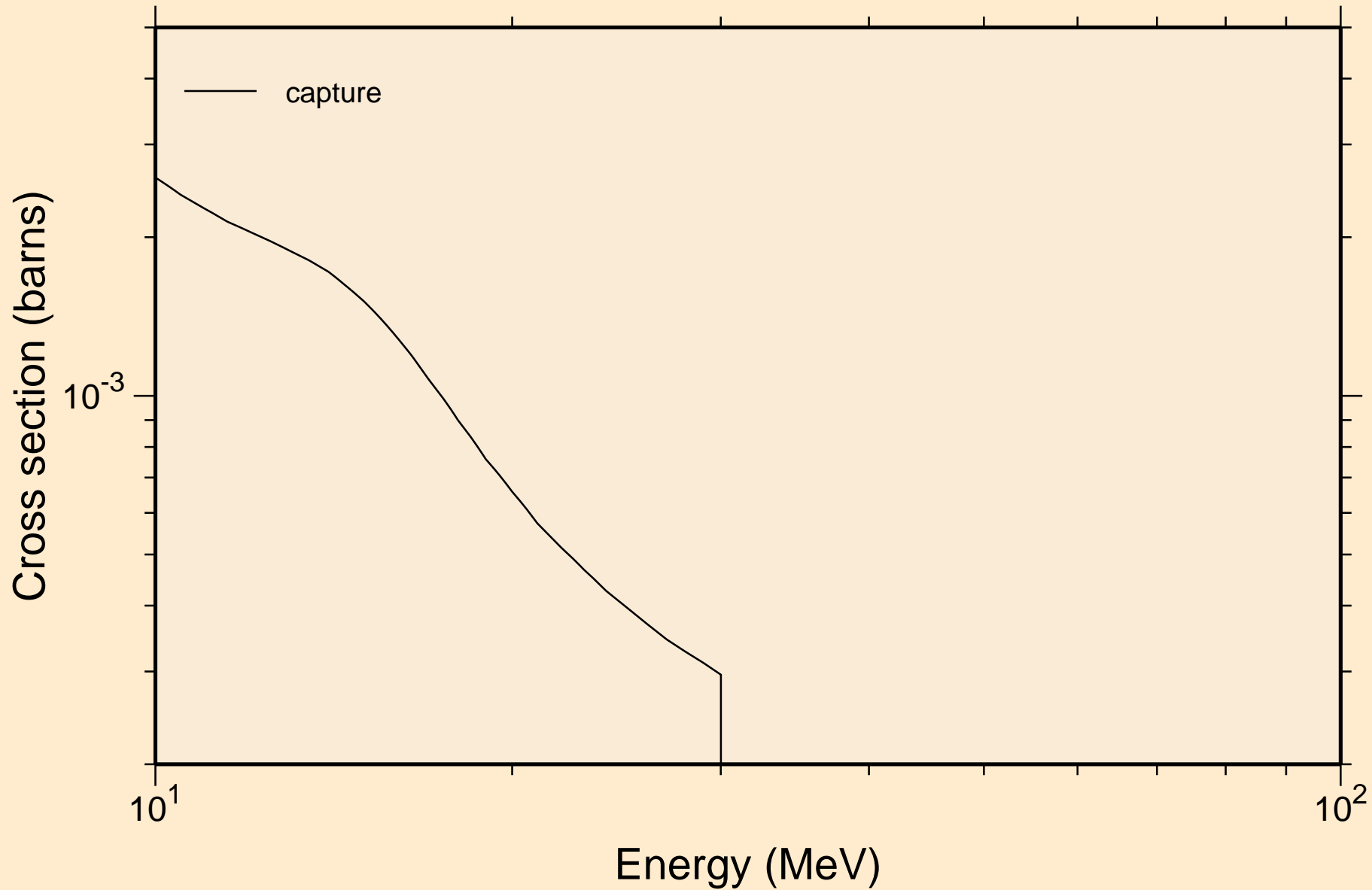


IN116N NRG TENDL-2015, AKONING  
resonance absorption cross sections



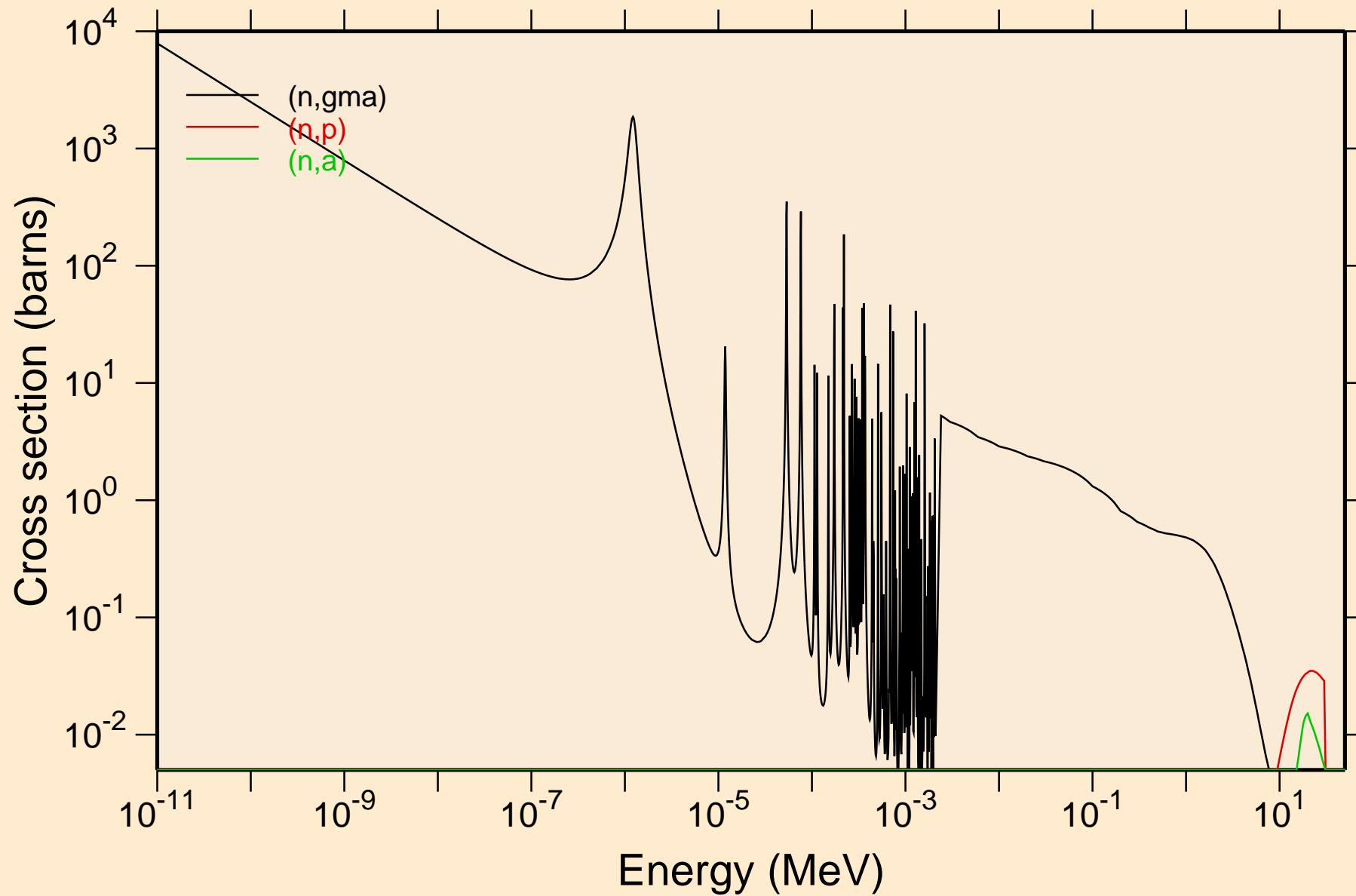


IN116N NRG TENDL-2015, AKONING  
resonance absorption cross sections



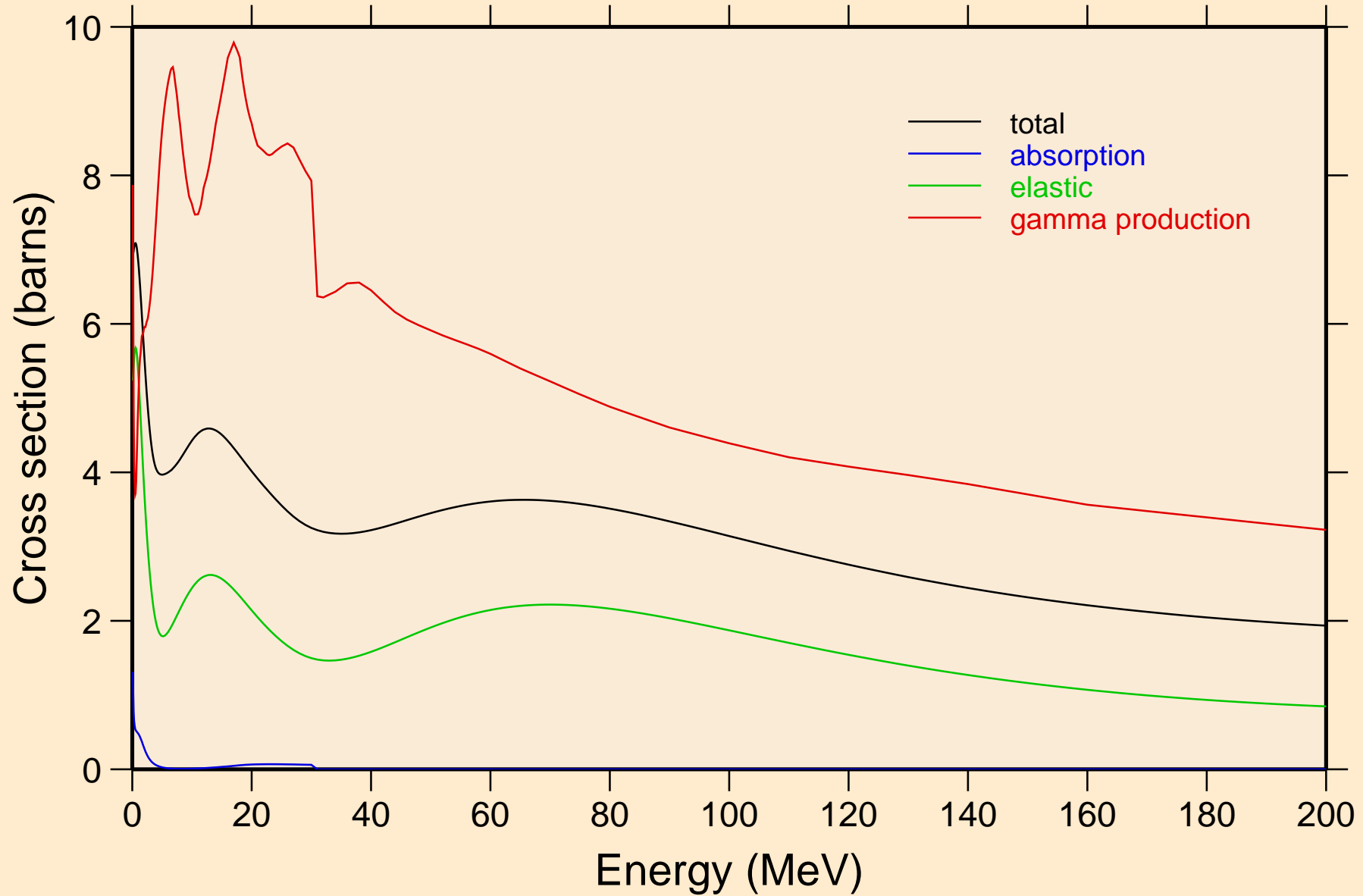
# IN116N NRG TENDL-2015, AKONING

## Non-threshold reactions



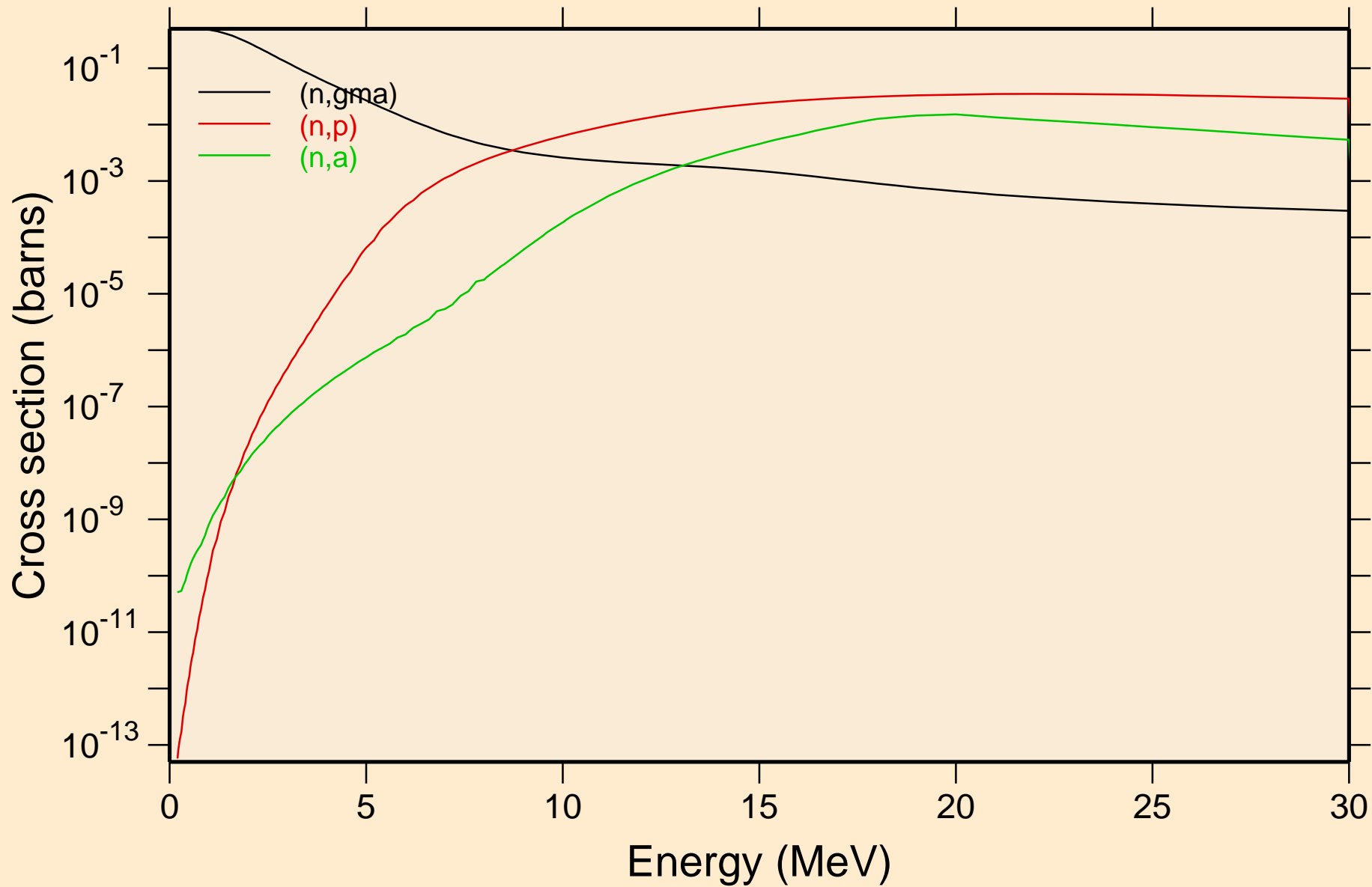
# IN116N NRG TENDL-2015, AKONING

## Principal cross sections



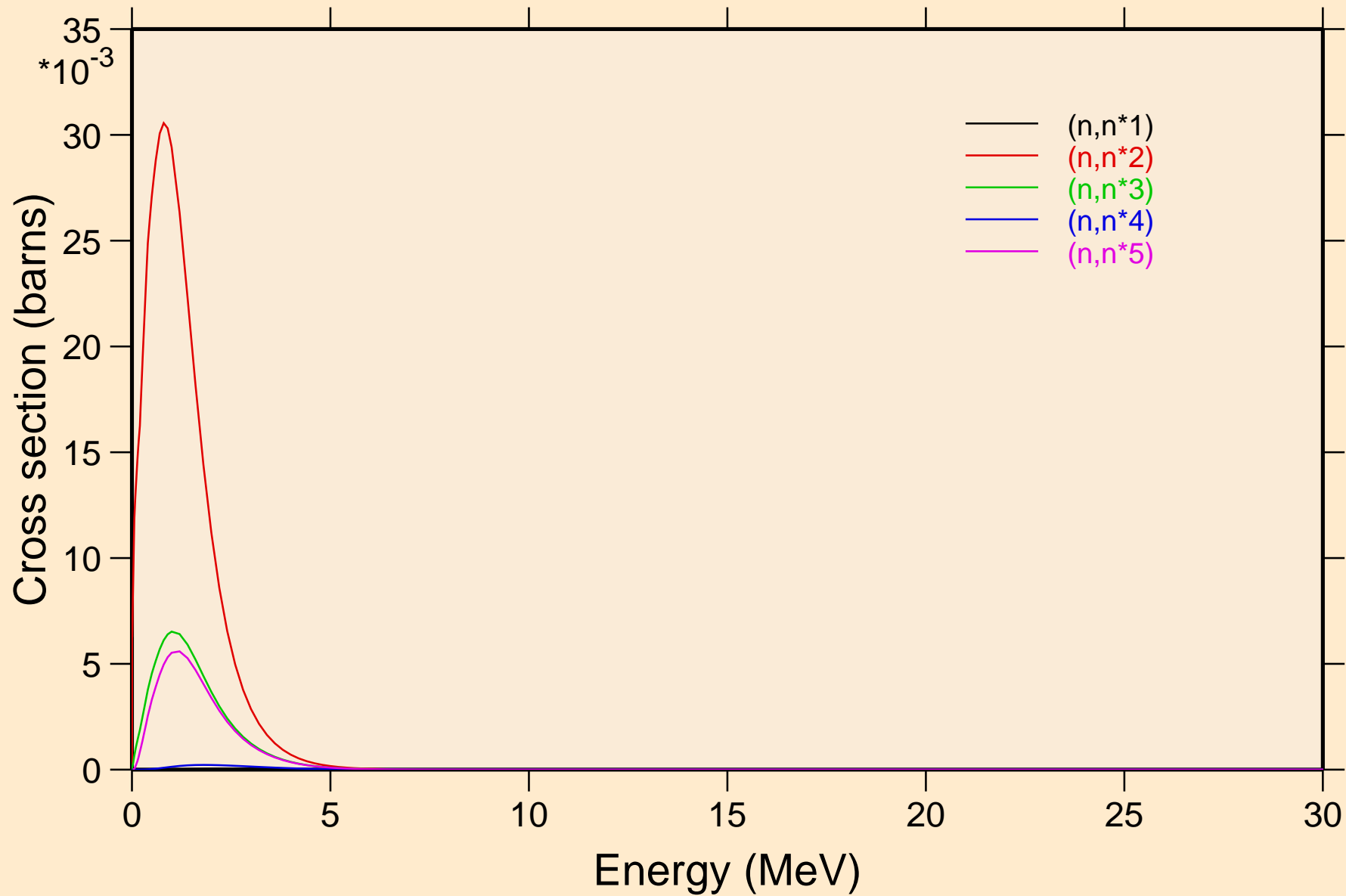
# IN116N NRG TENDL-2015, AKONING

## Non-threshold reactions



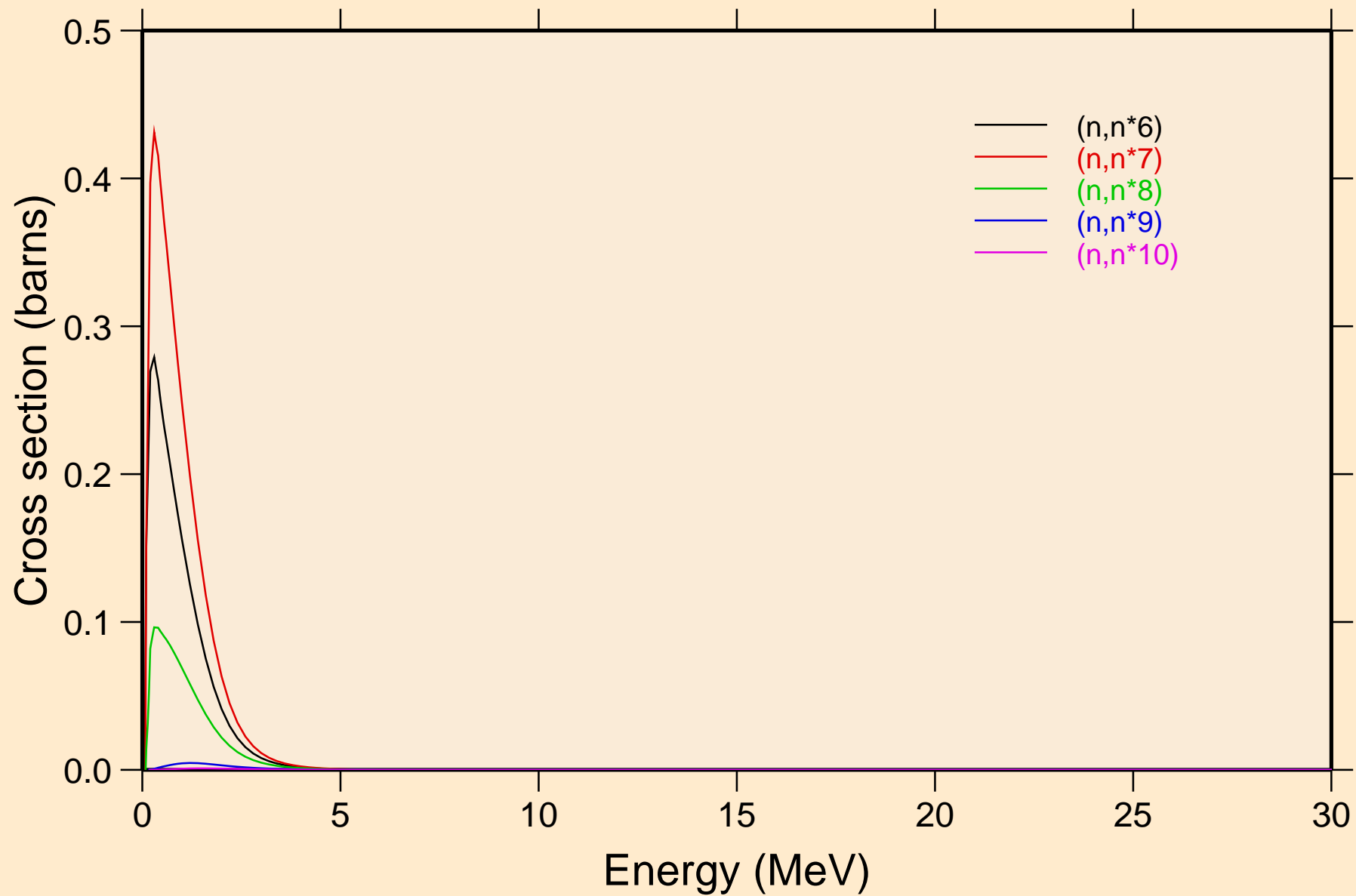
# IN116N NRG TENDL-2015, AKONING

## Inelastic levels



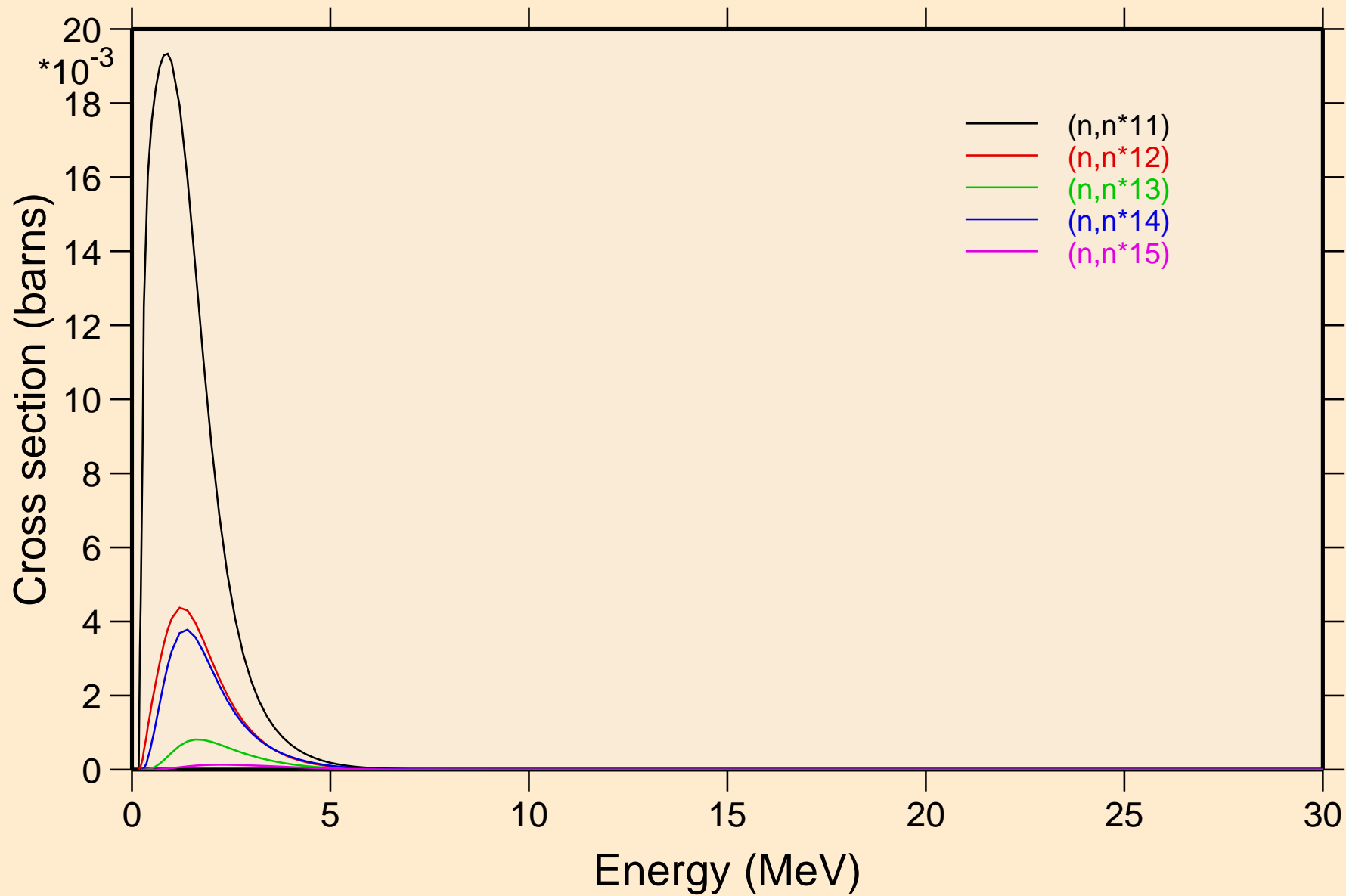
# IN116N NRG TENDL-2015, AKONING

## Inelastic levels



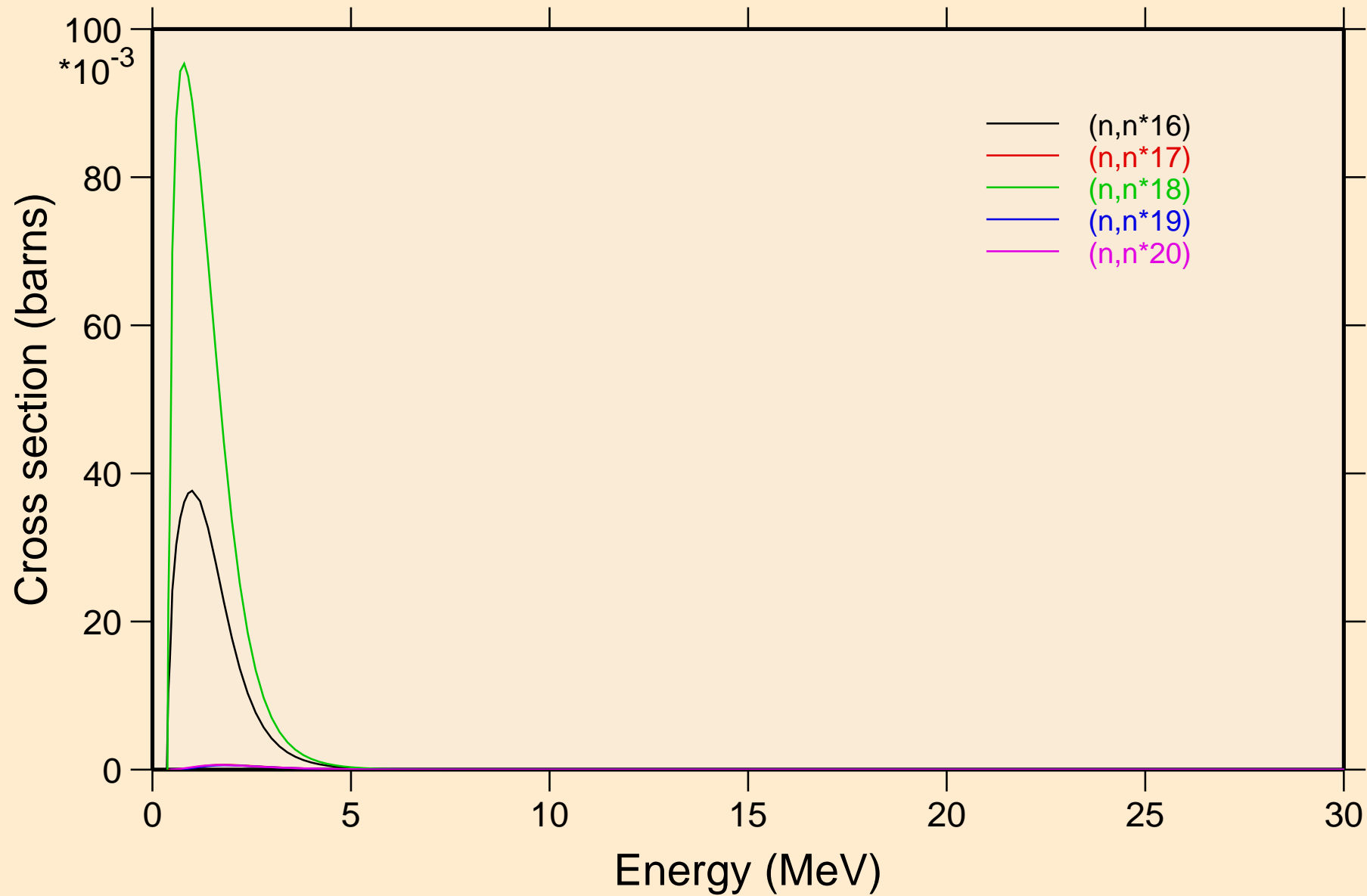
# IN116N NRG TENDL-2015, AKONING

## Inelastic levels



# IN116N NRG TENDL-2015, AKONING

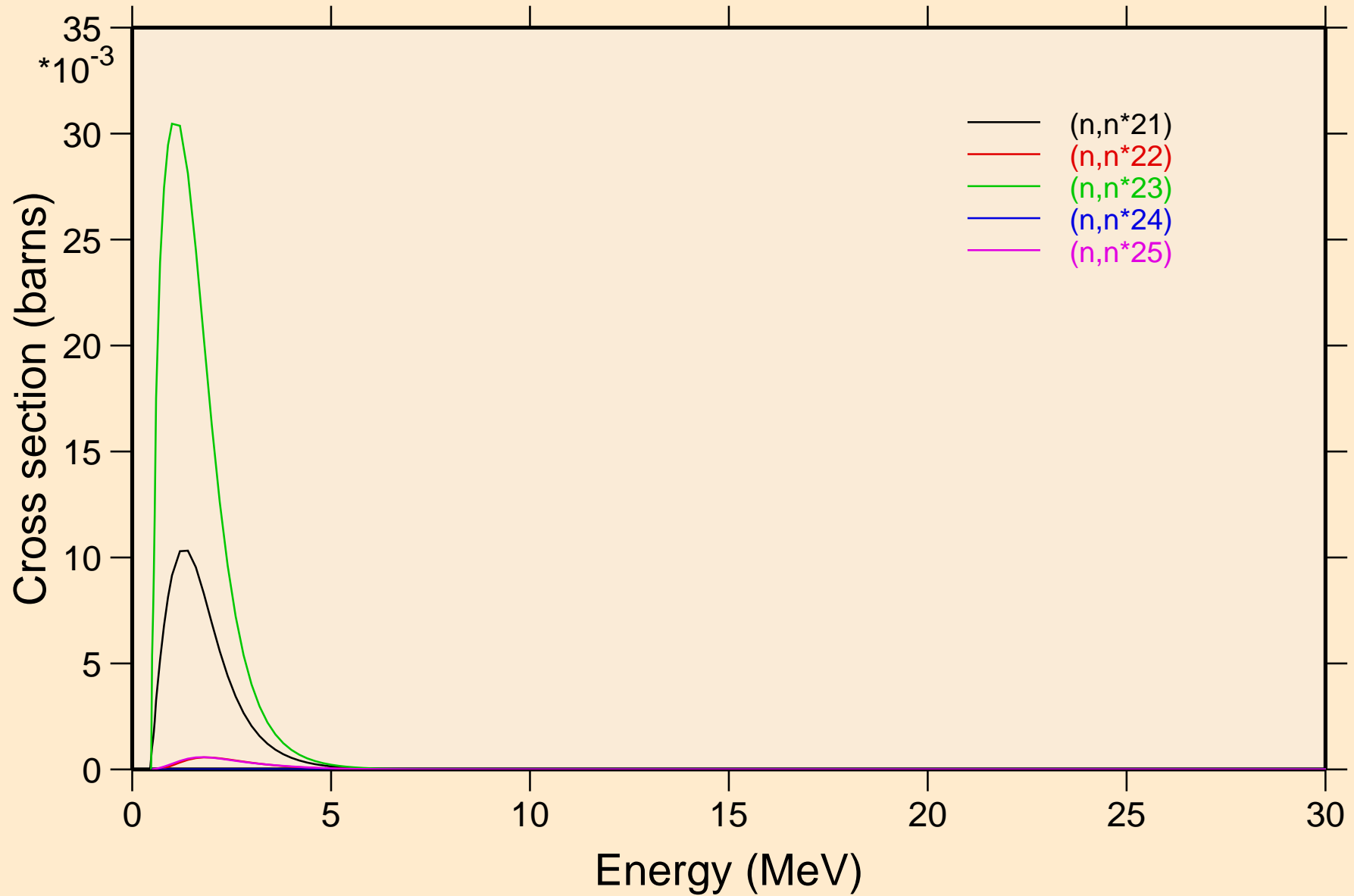
## Inelastic levels



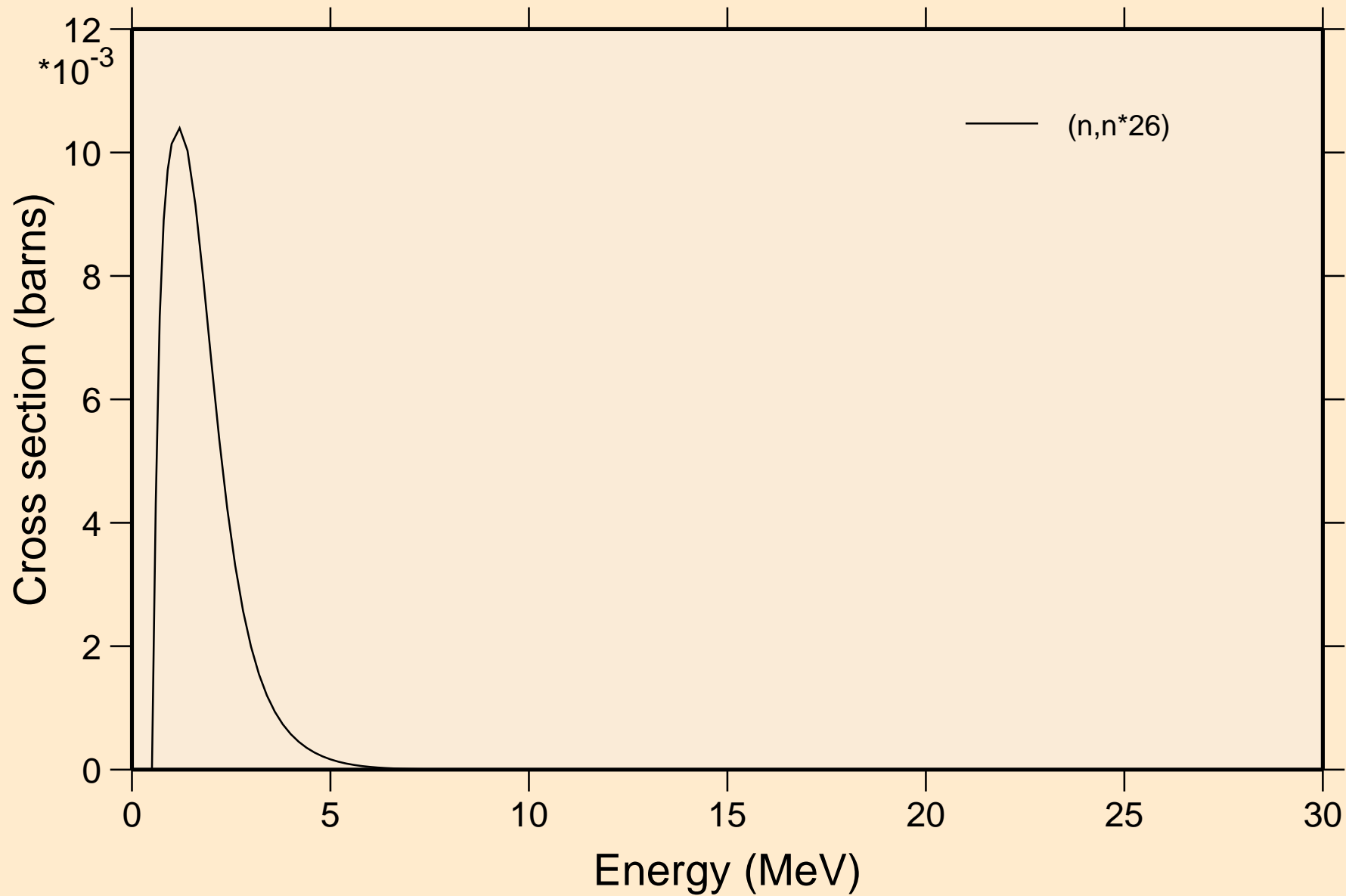


# IN116N NRG TENDL-2015, AKONING

## Inelastic levels

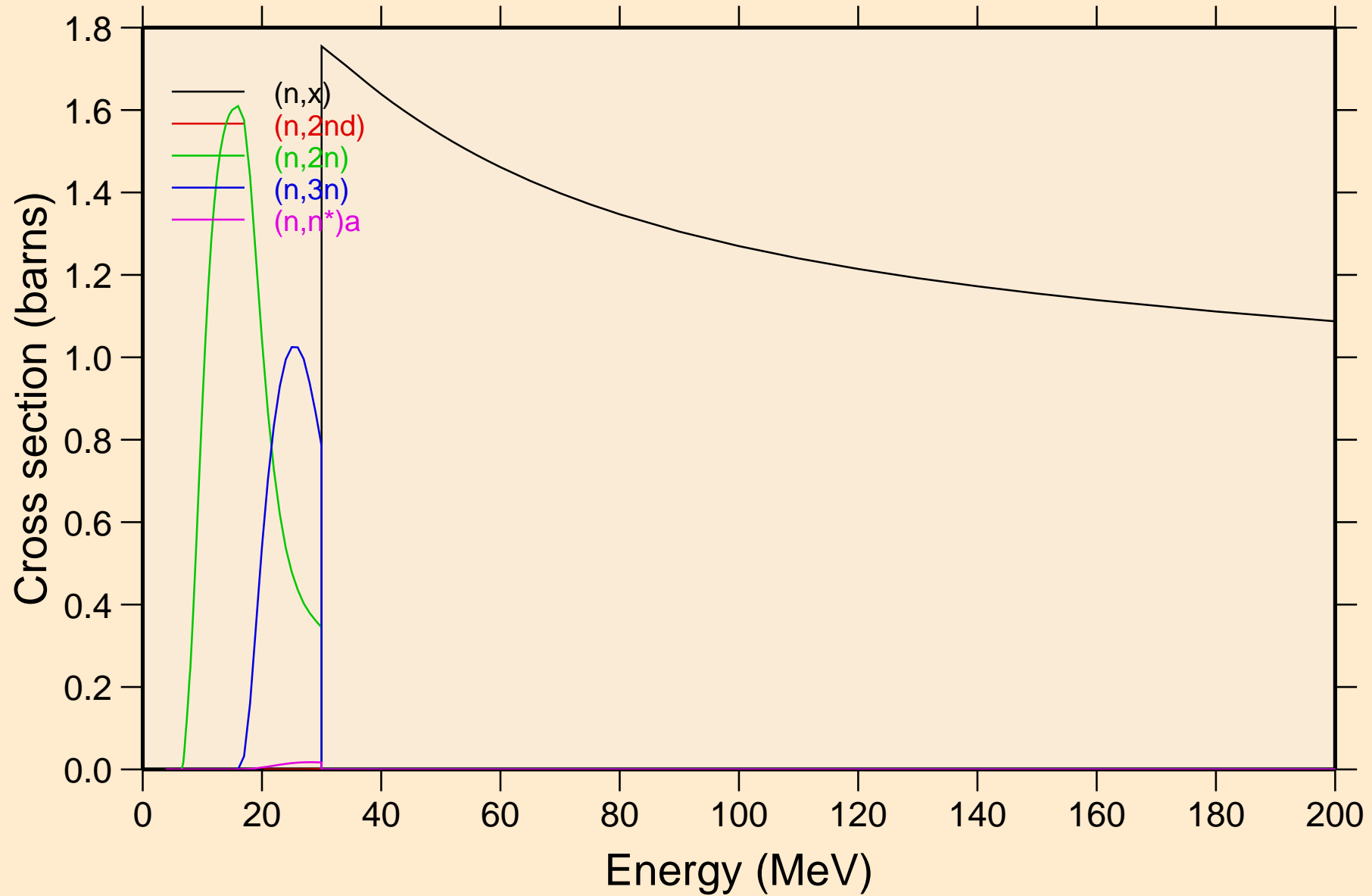


IN116N NRG TENDL-2015, AKONING  
Inelastic levels



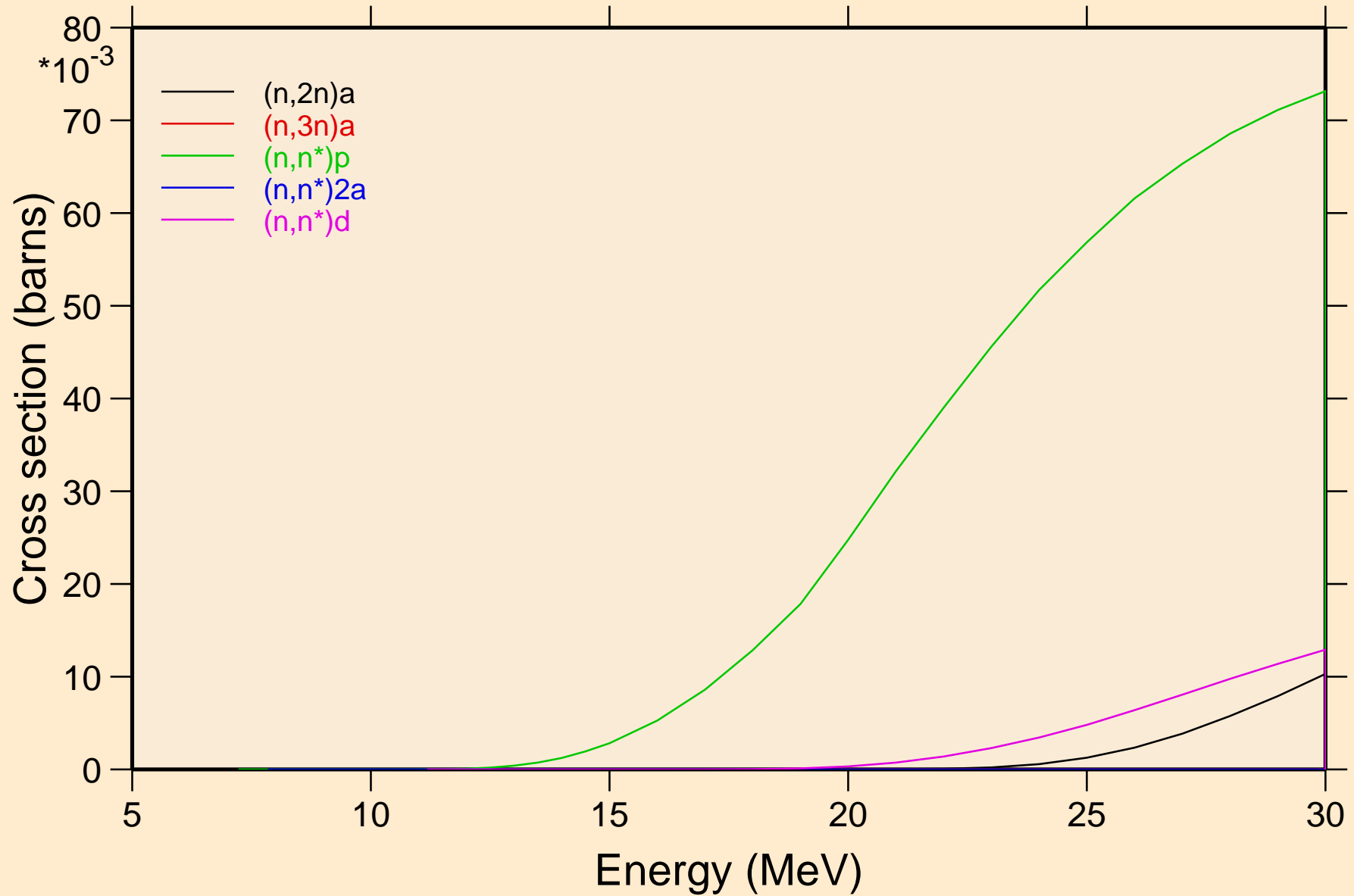
# IN116N NRG TENDL-2015, AKONING

## Threshold reactions



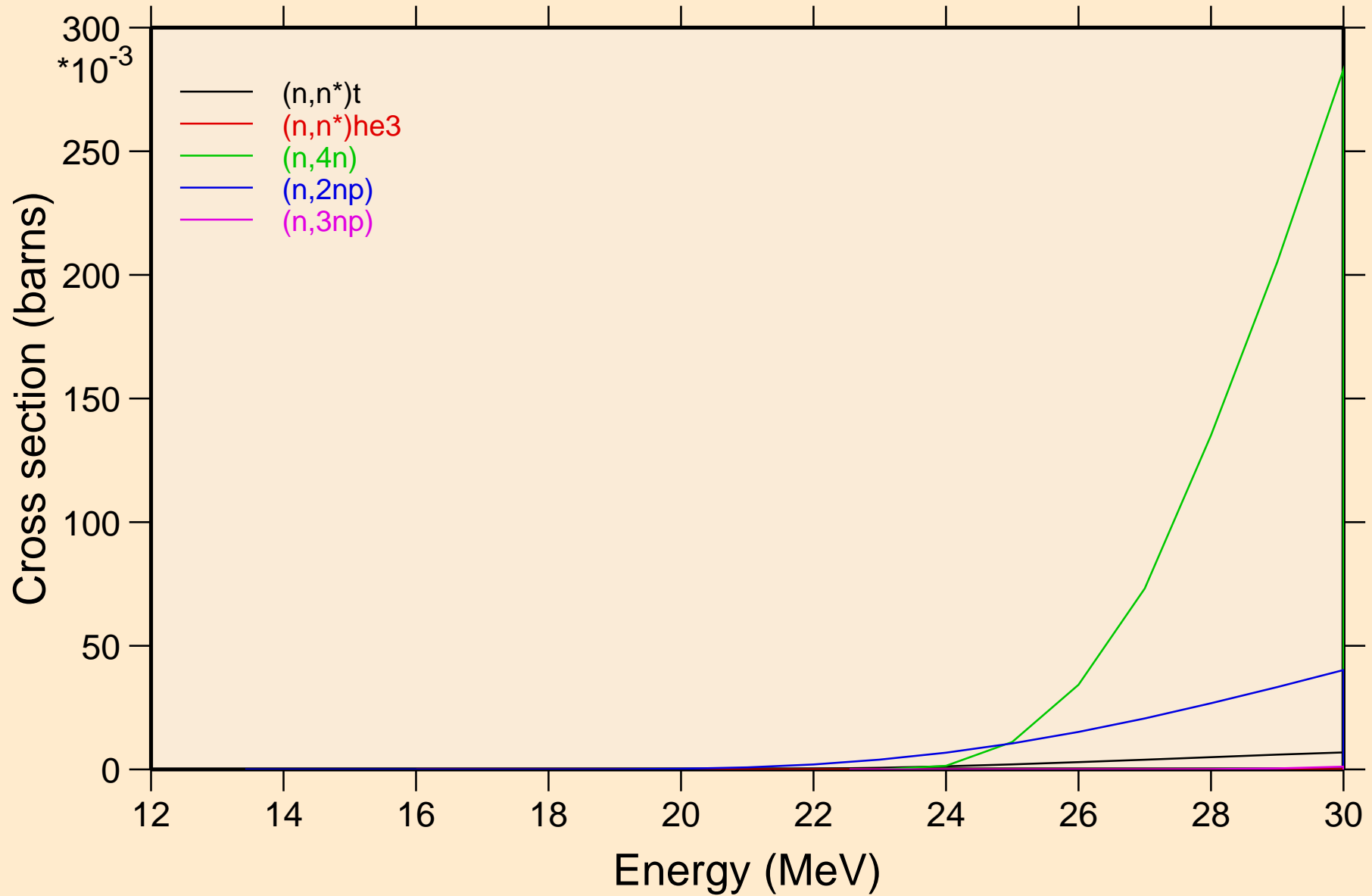
# IN116N NRG TENDL-2015, AKONING

## Threshold reactions



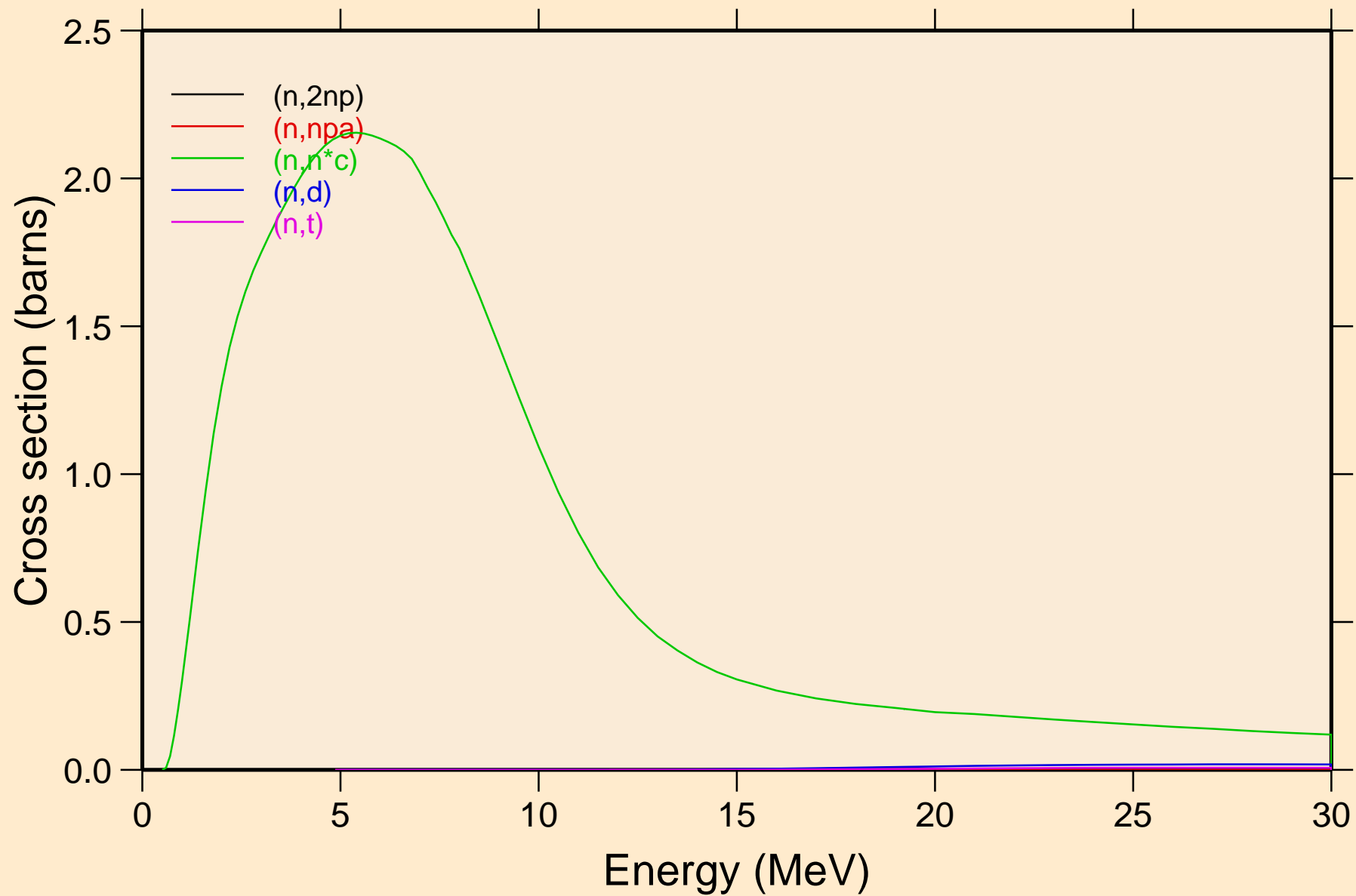
# IN116N NRG TENDL-2015, AKONING

## Threshold reactions



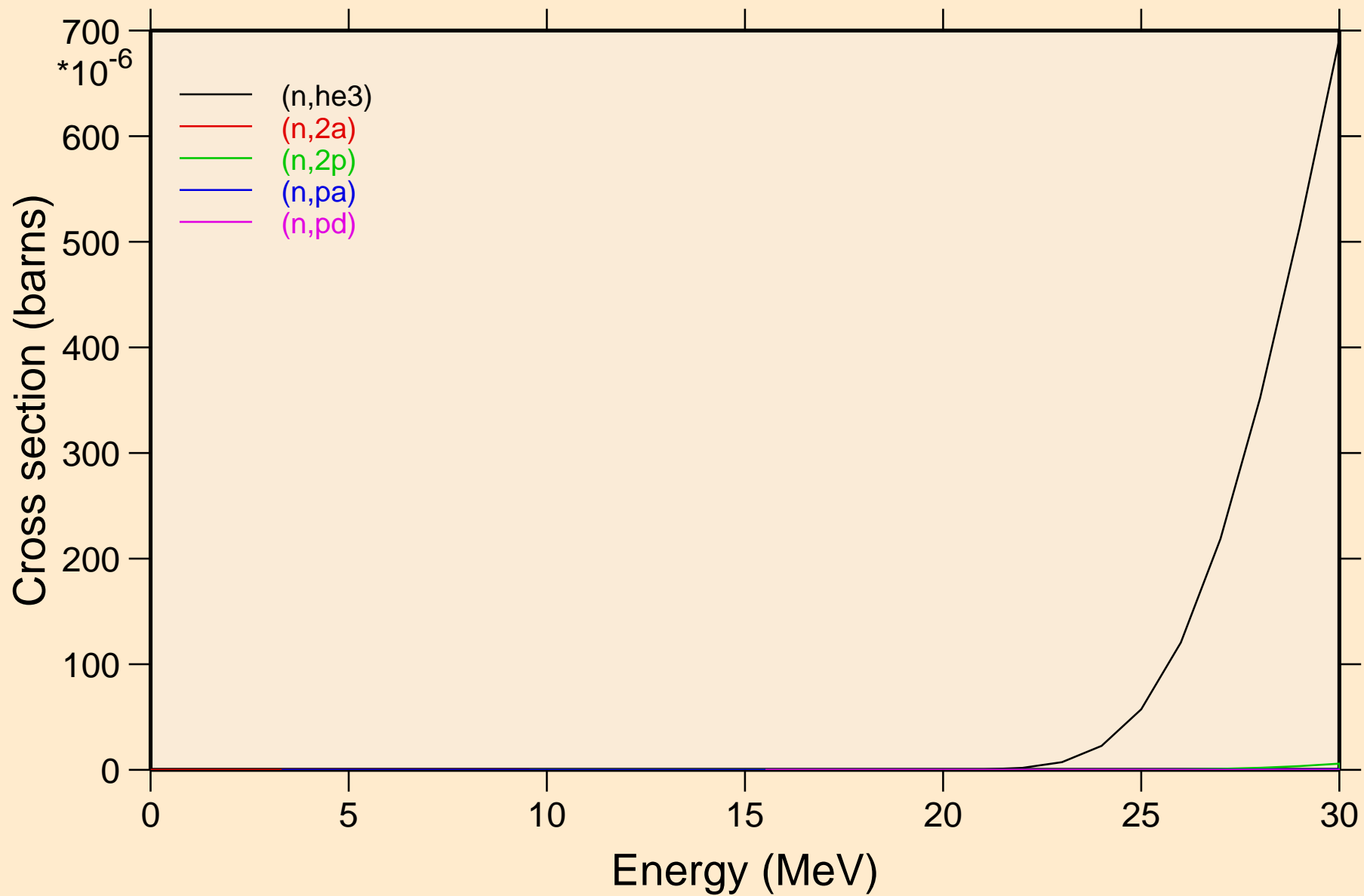
# IN116N NRG TENDL-2015, AKONING

## Threshold reactions



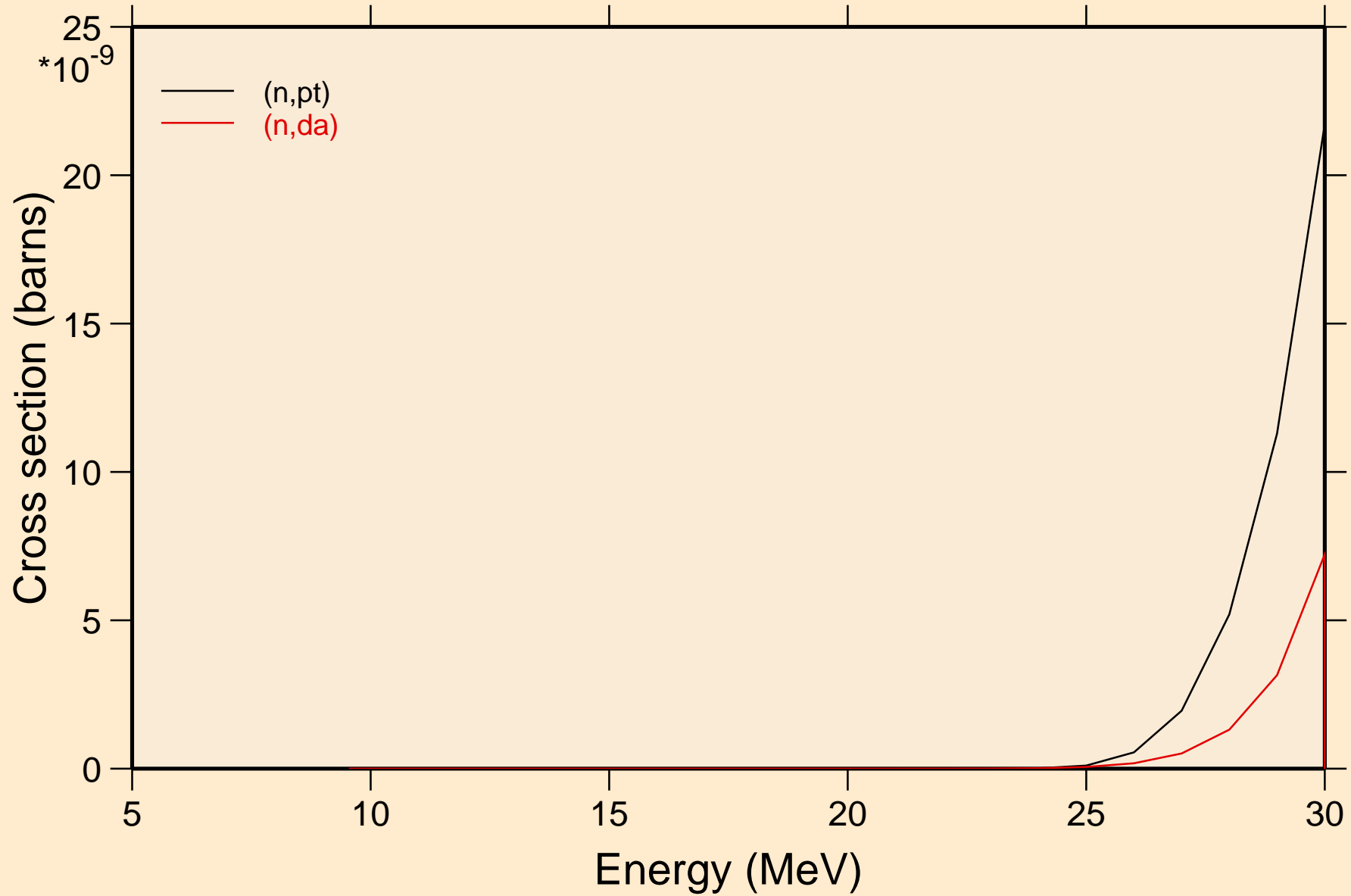
# IN116N NRG TENDL-2015, AKONING

## Threshold reactions



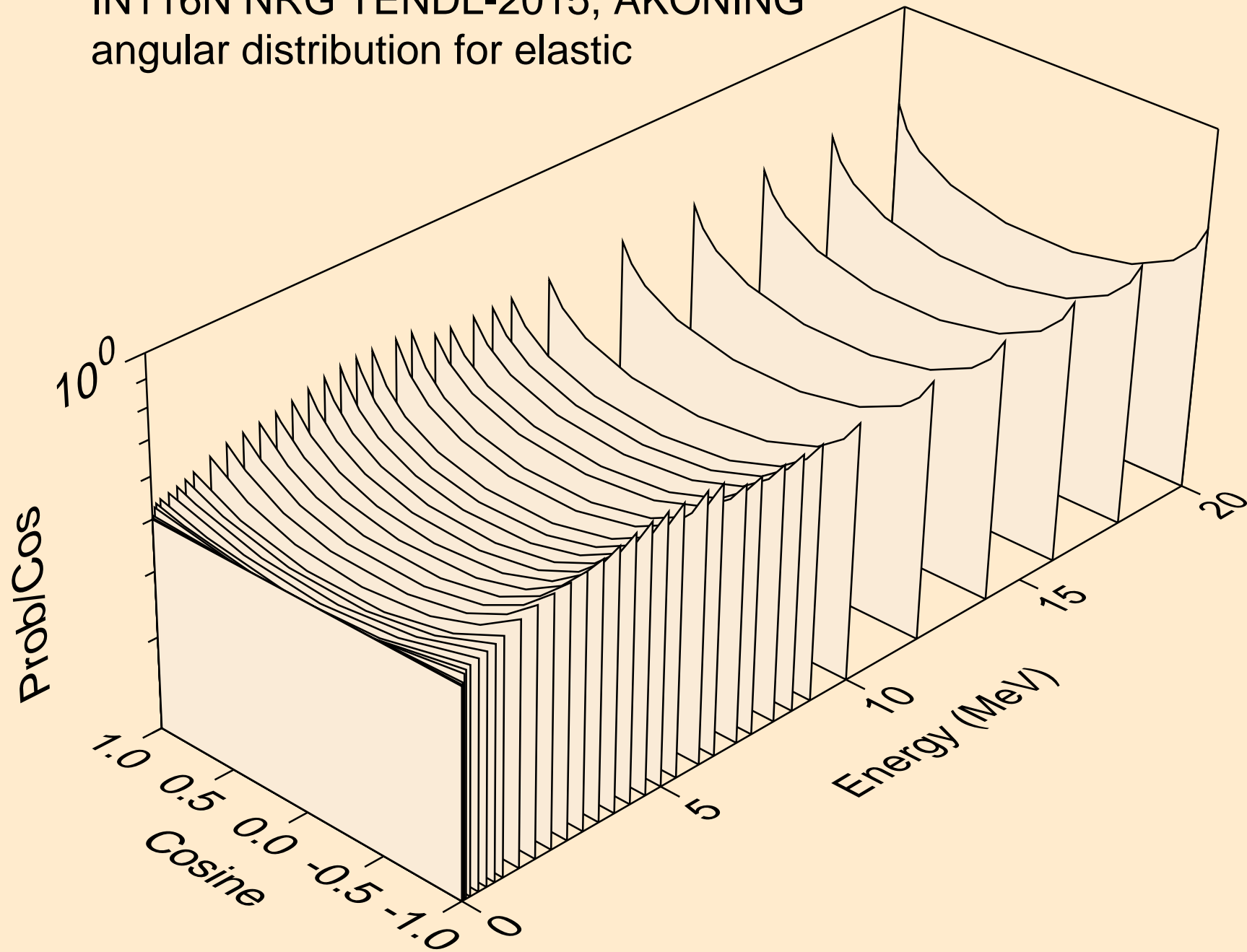
# IN116N NRG TENDL-2015, AKONING

## Threshold reactions

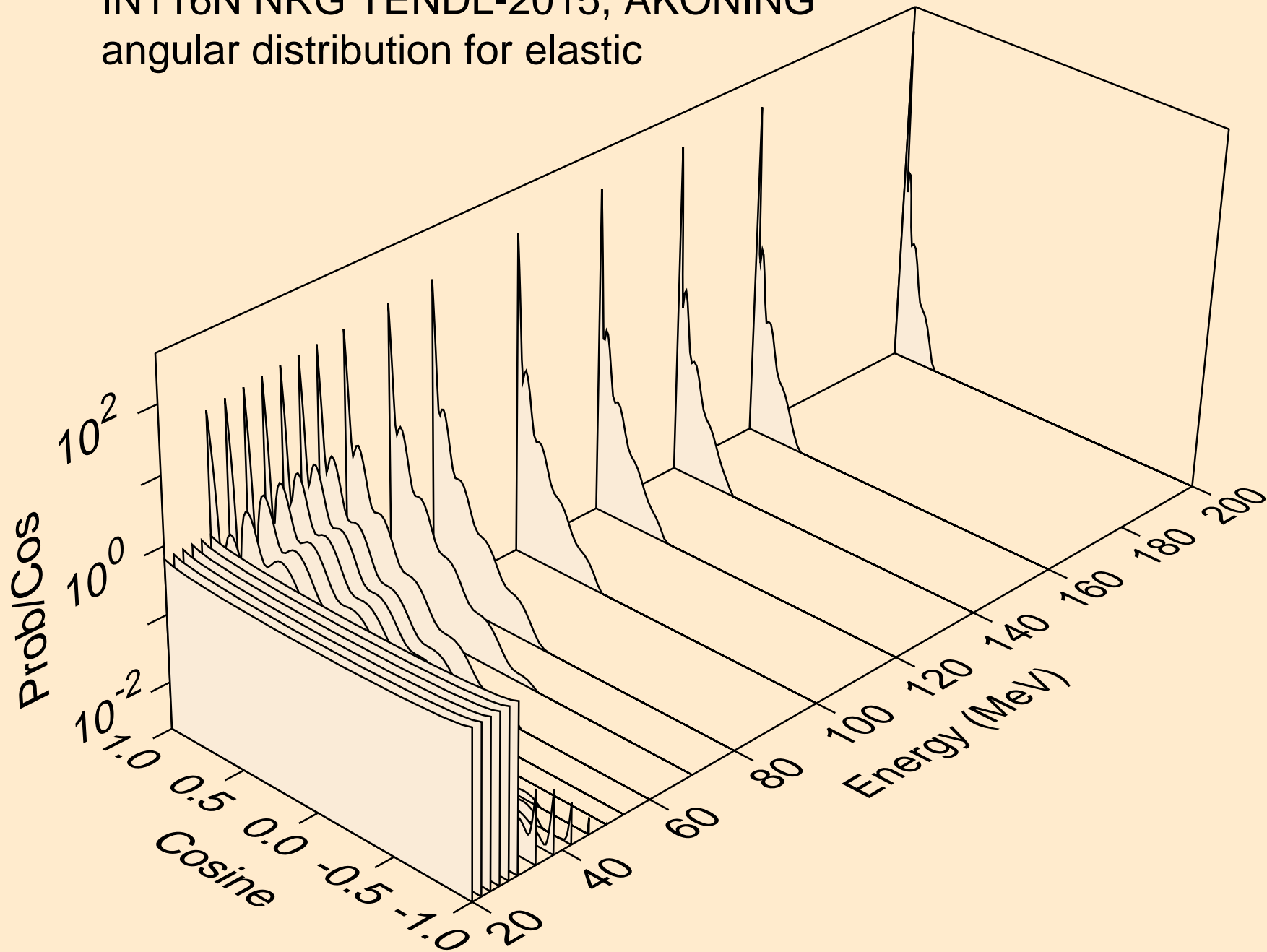




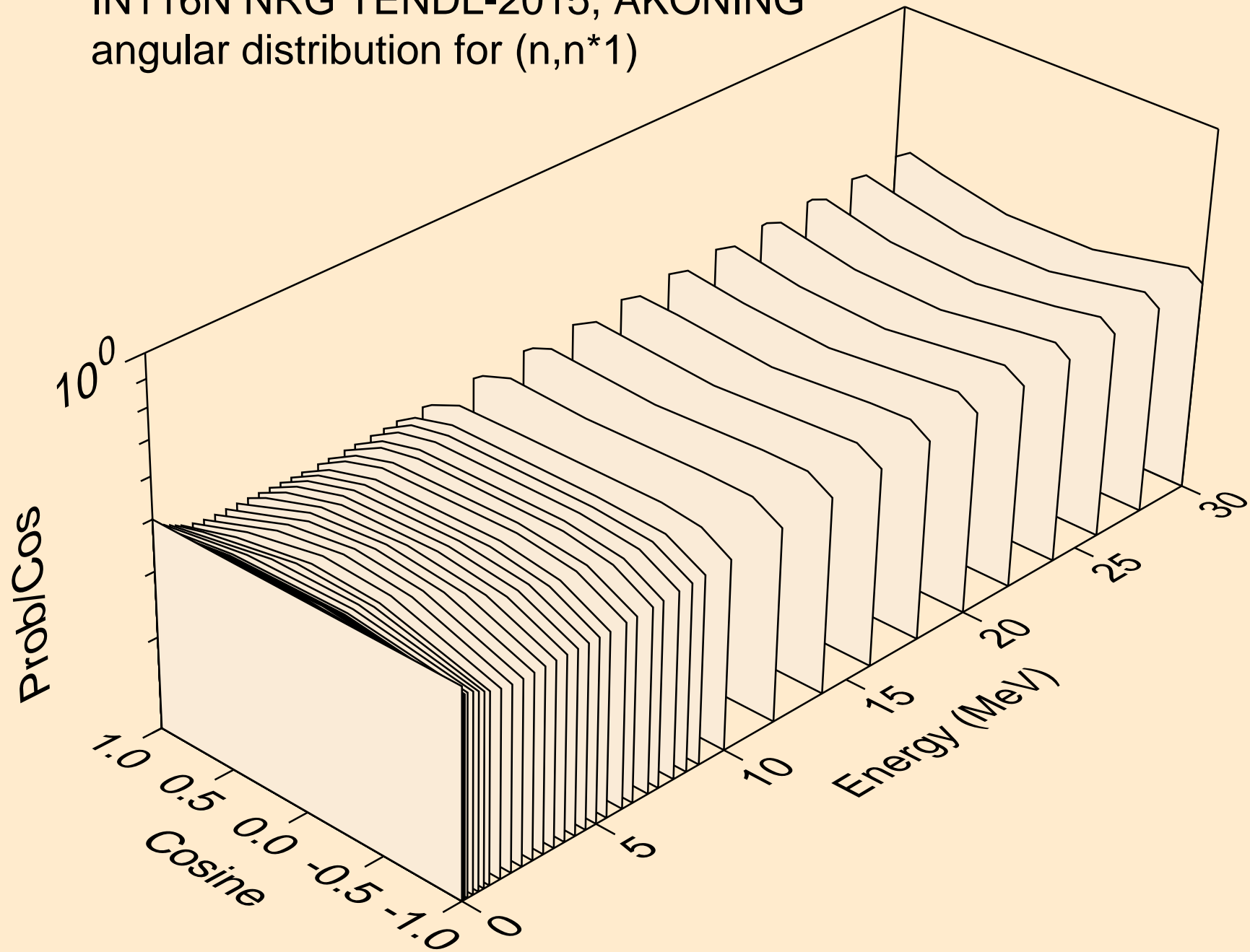
IN116N NRG TENDL-2015, AKONING  
angular distribution for elastic



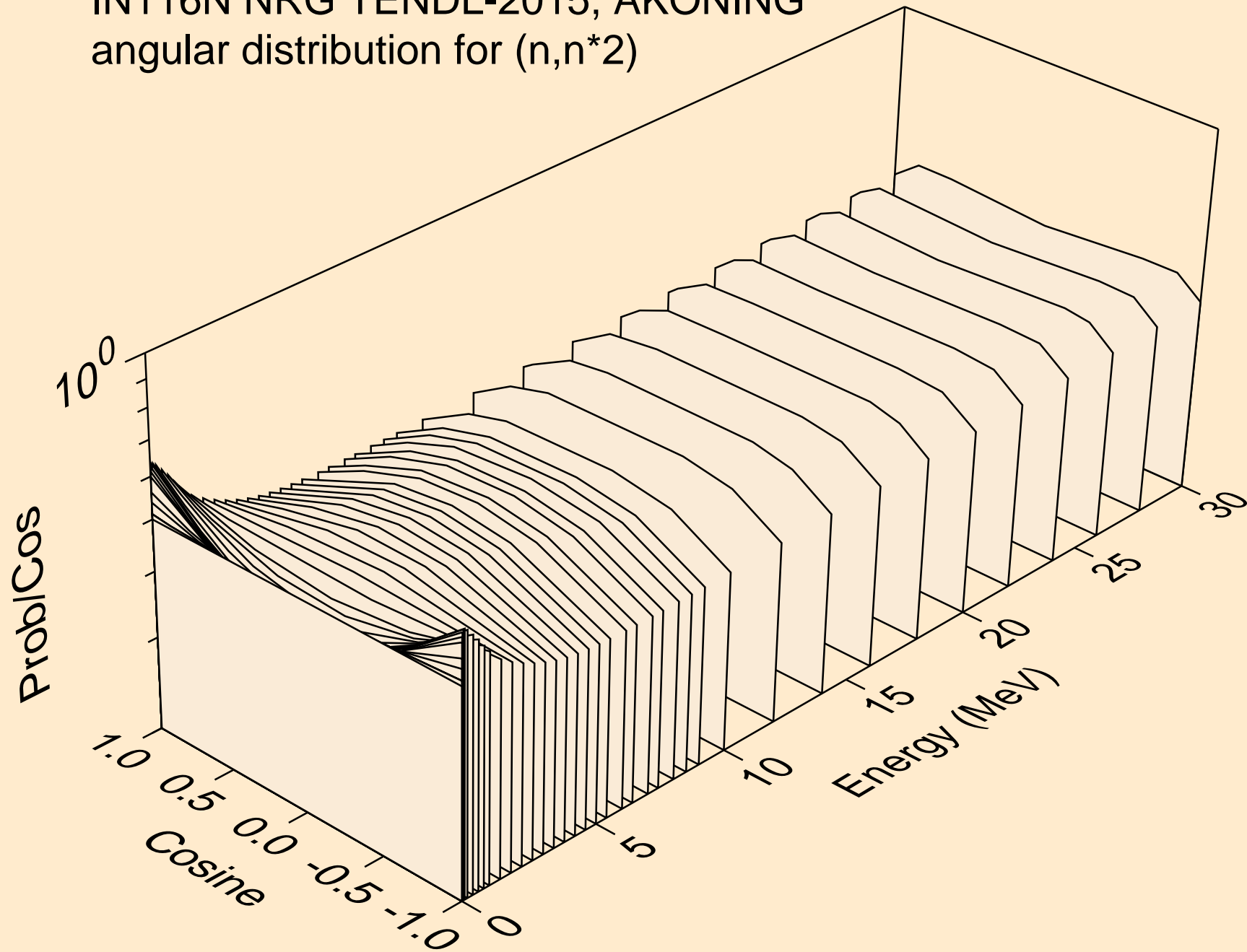
IN116N NRG TENDL-2015, AKONING  
angular distribution for elastic



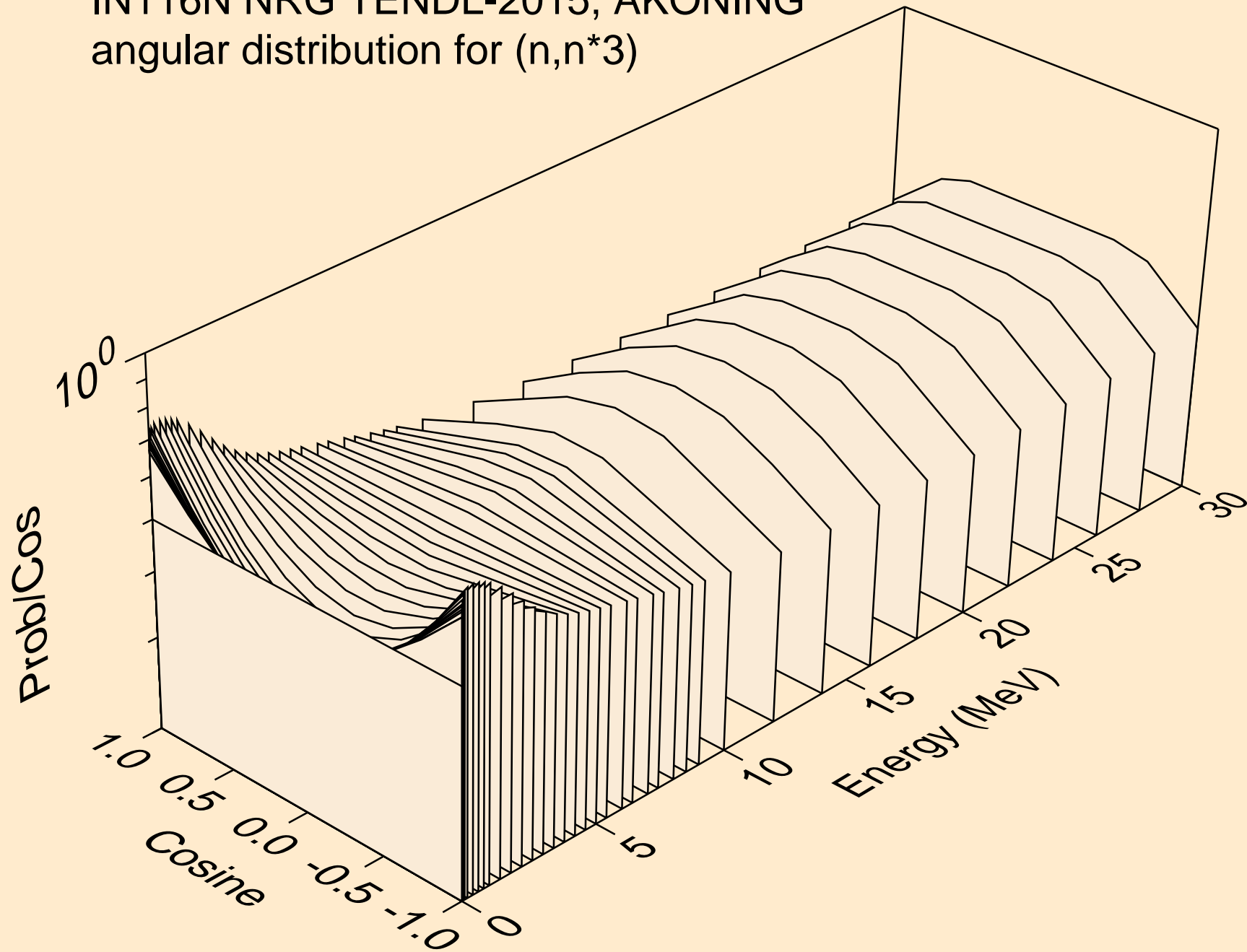
IN116N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



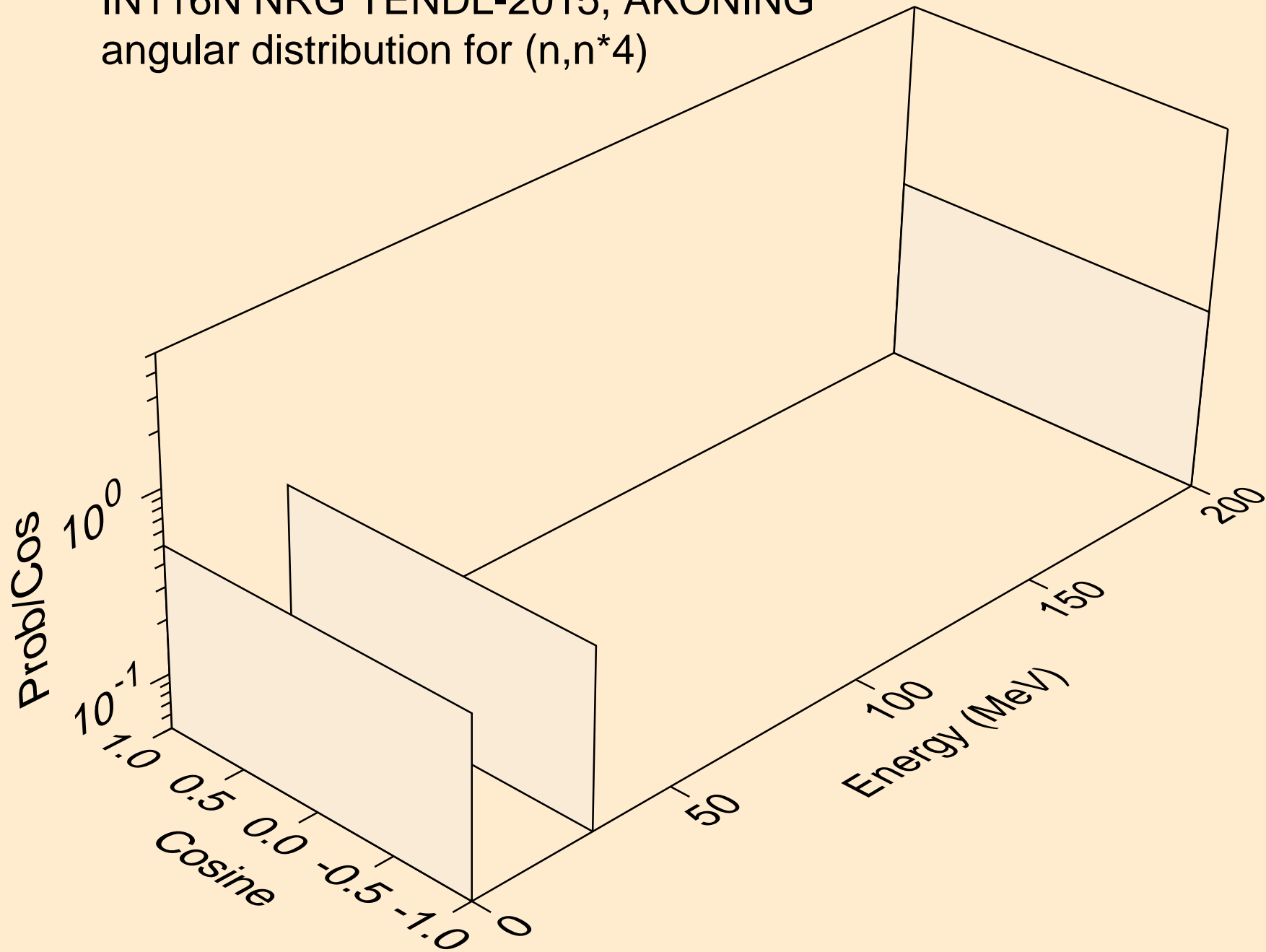
IN116N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



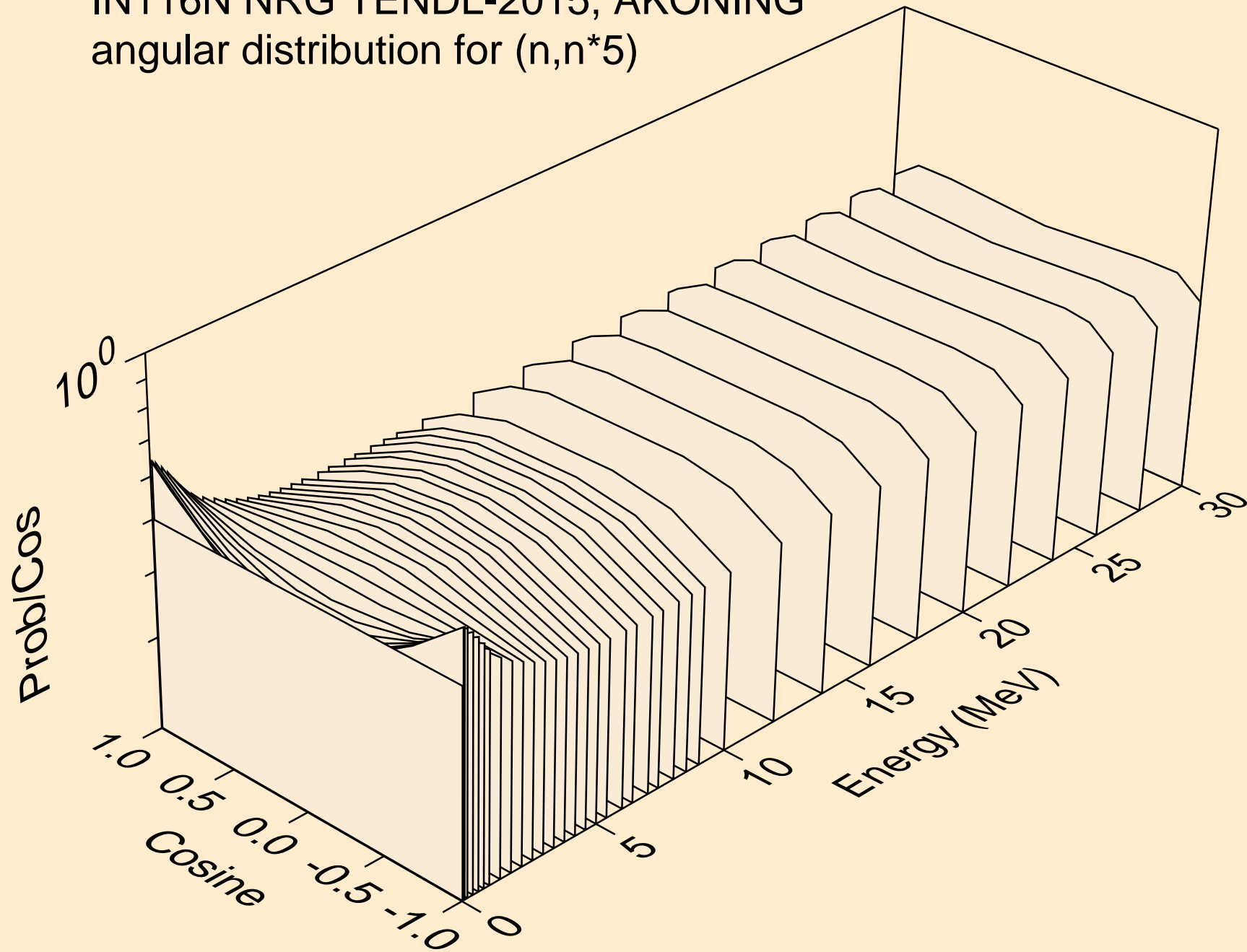
IN116N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



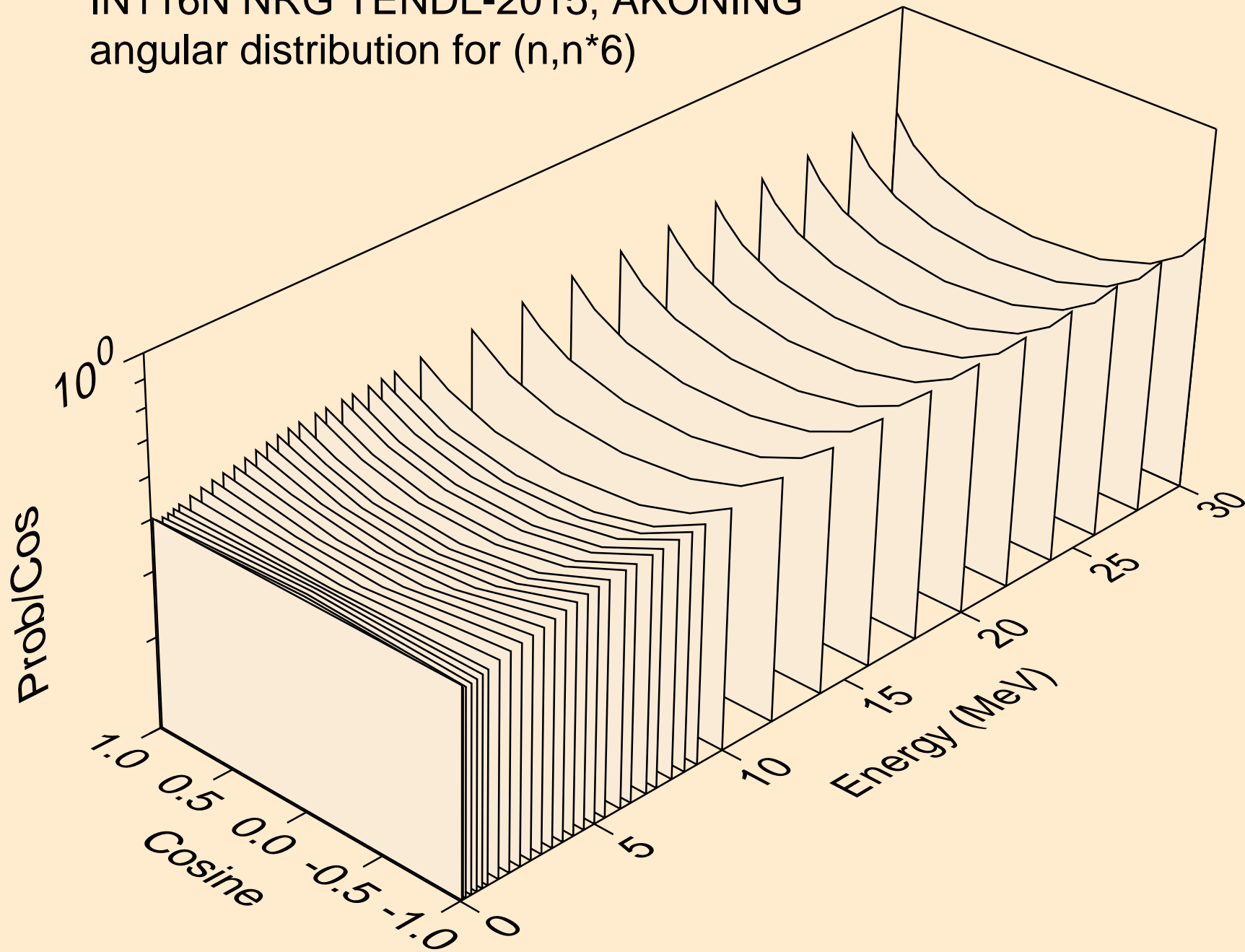
IN116N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



IN116N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

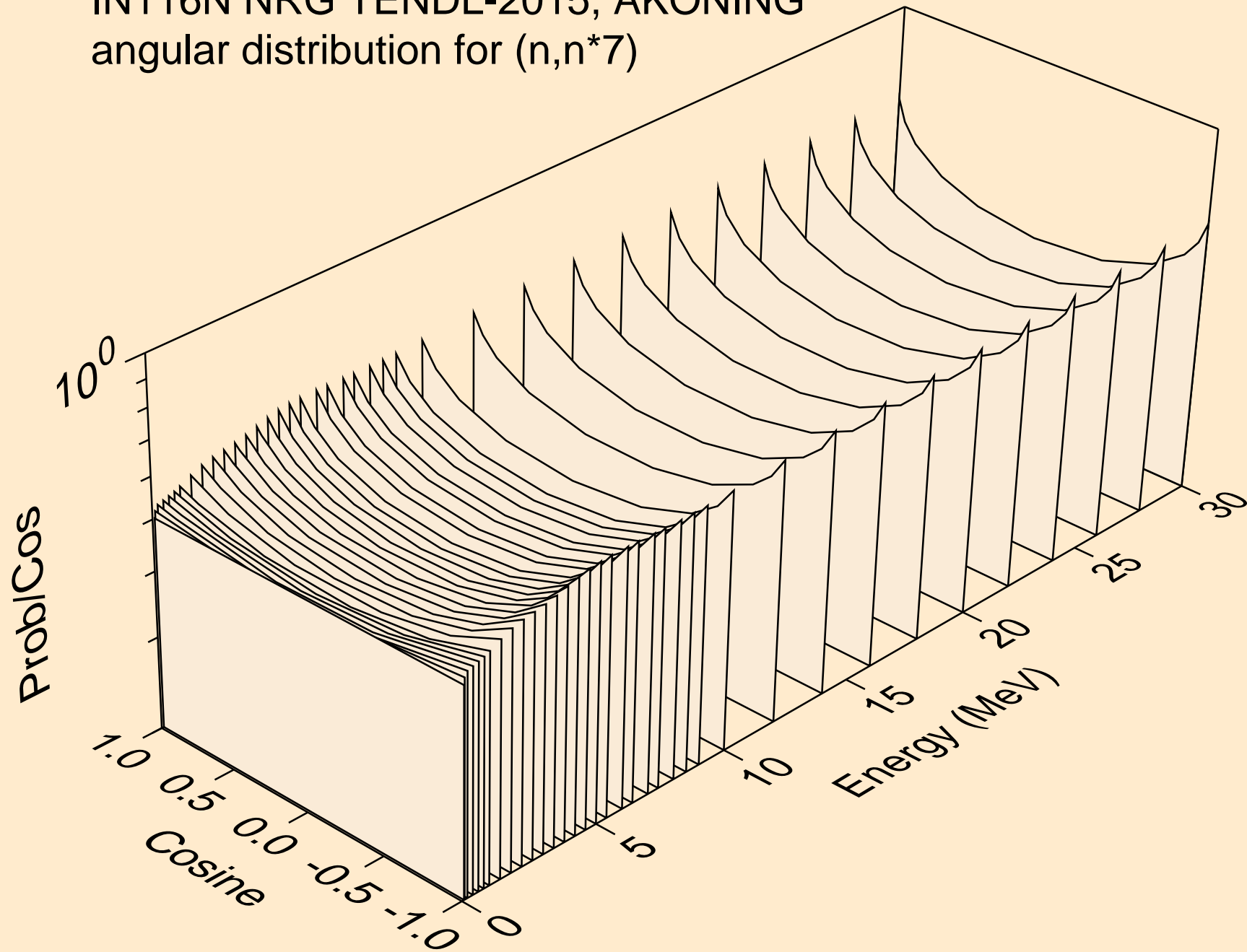


IN116N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

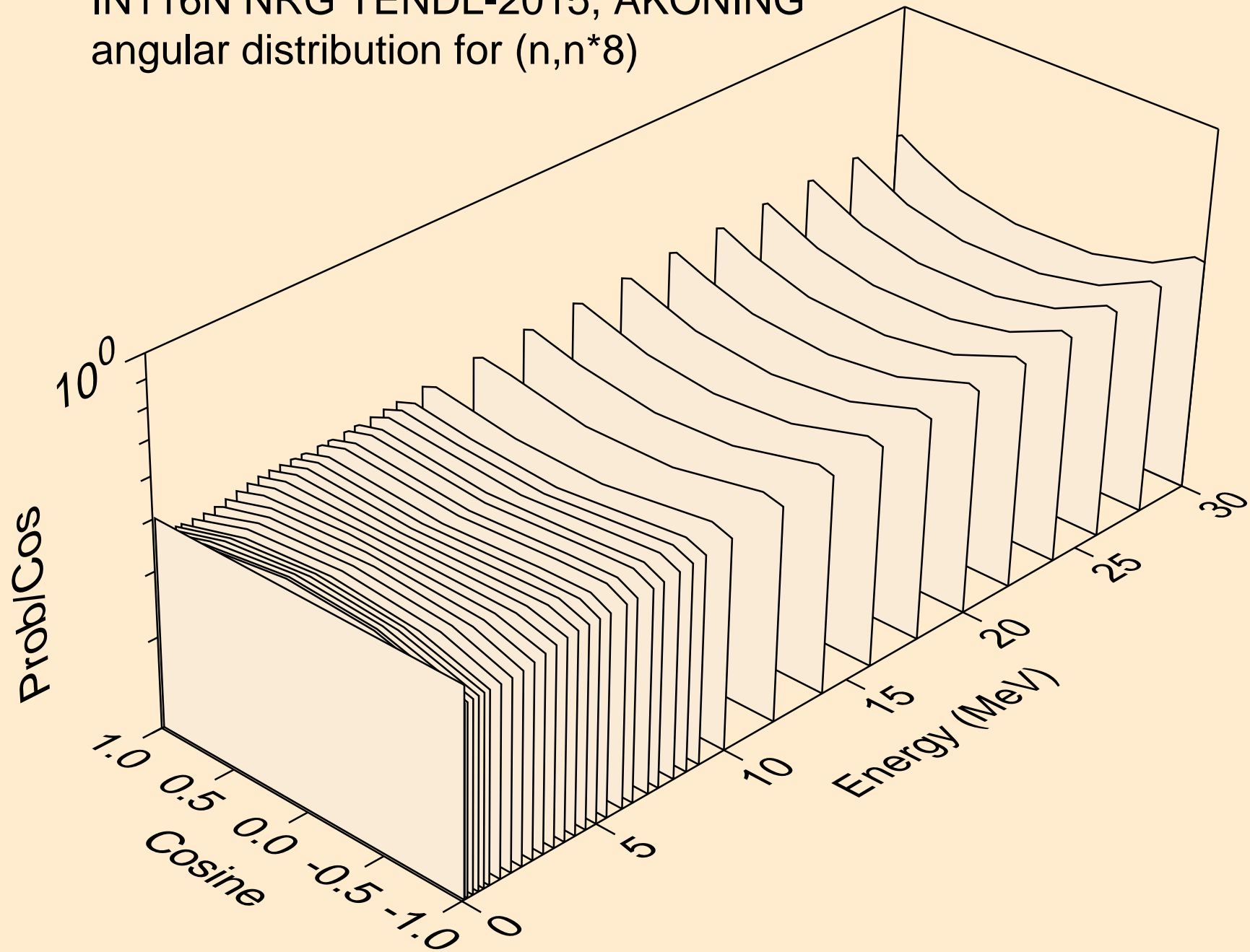




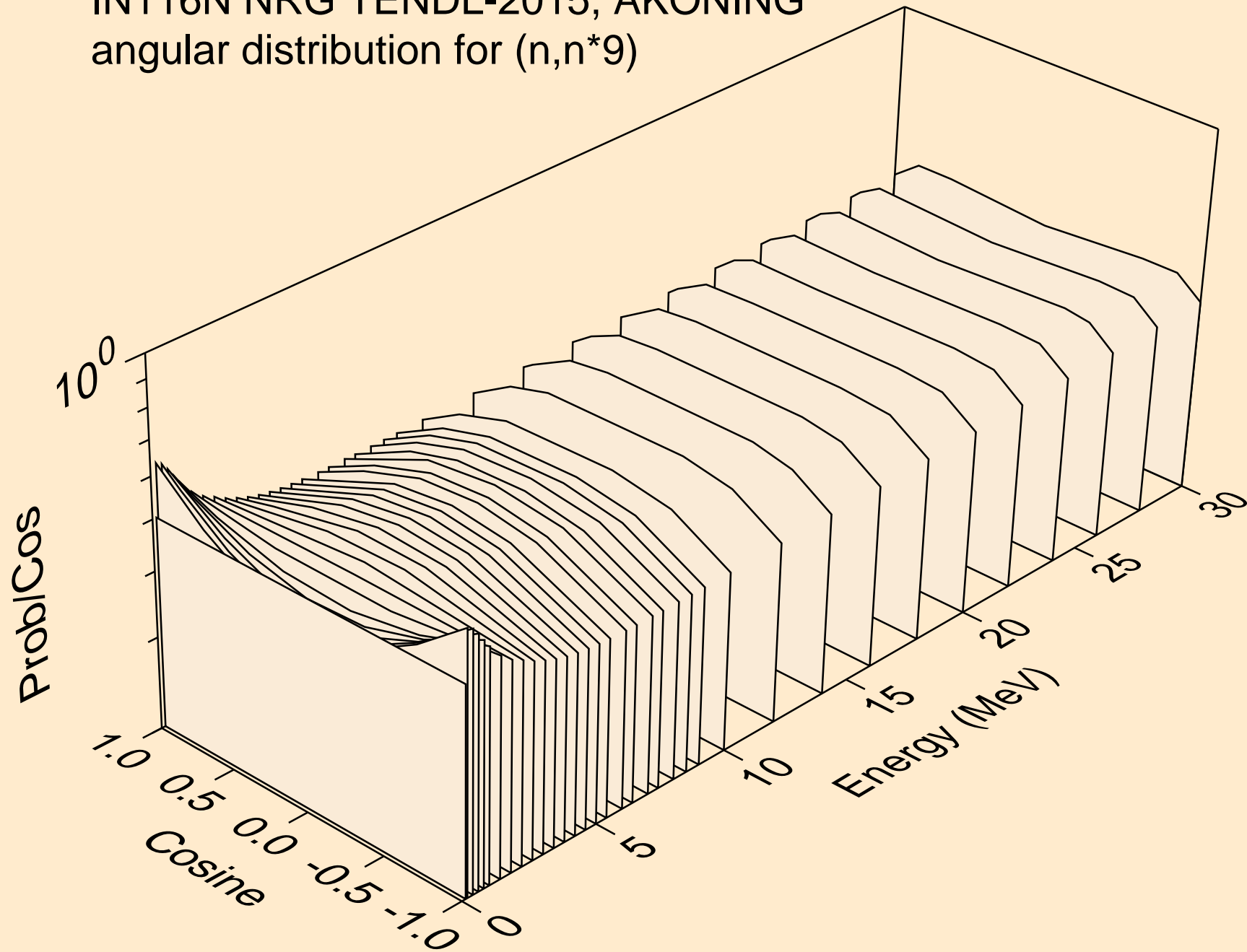
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angular distribution for (n,n\*7)



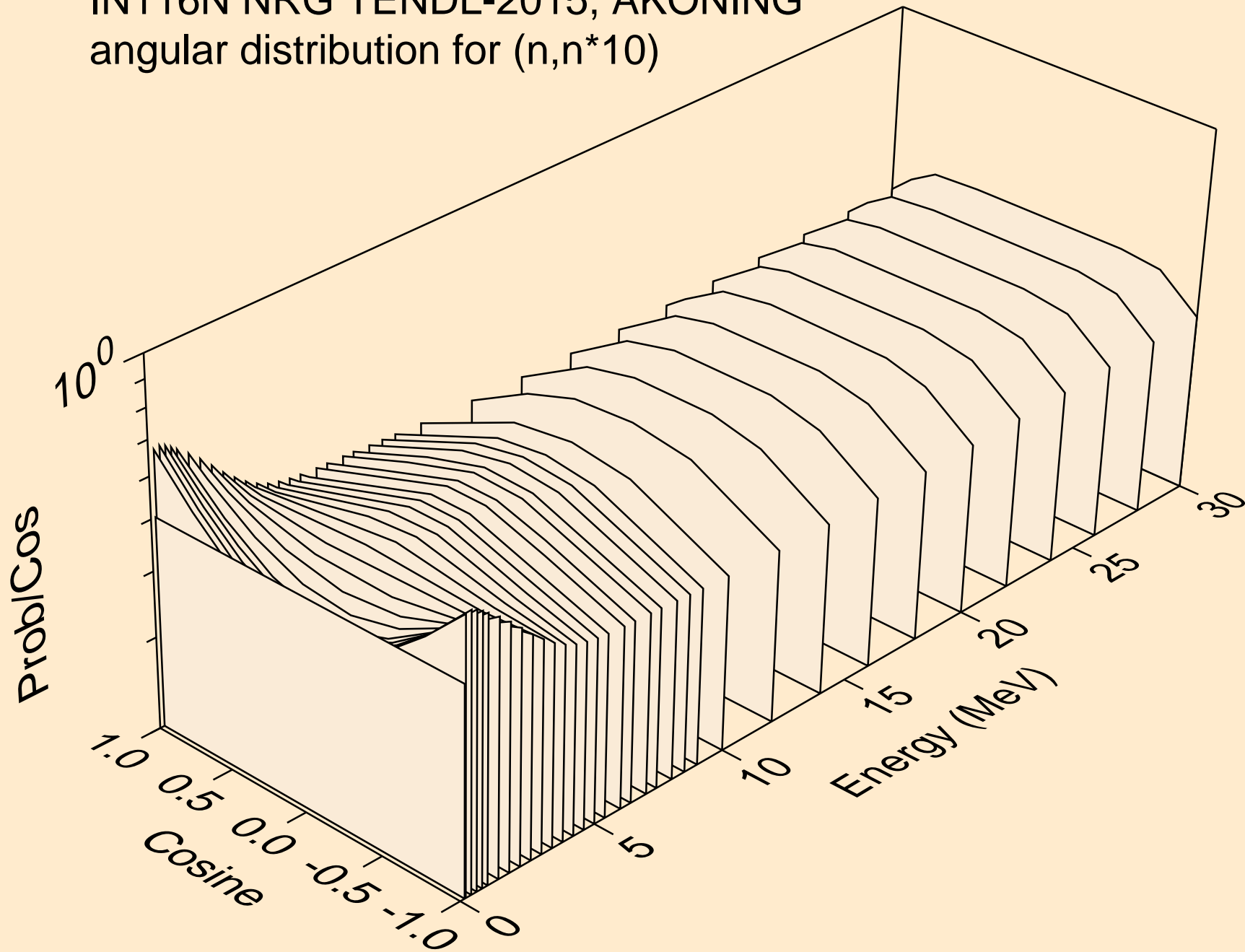
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angular distribution for (n,n\*8)



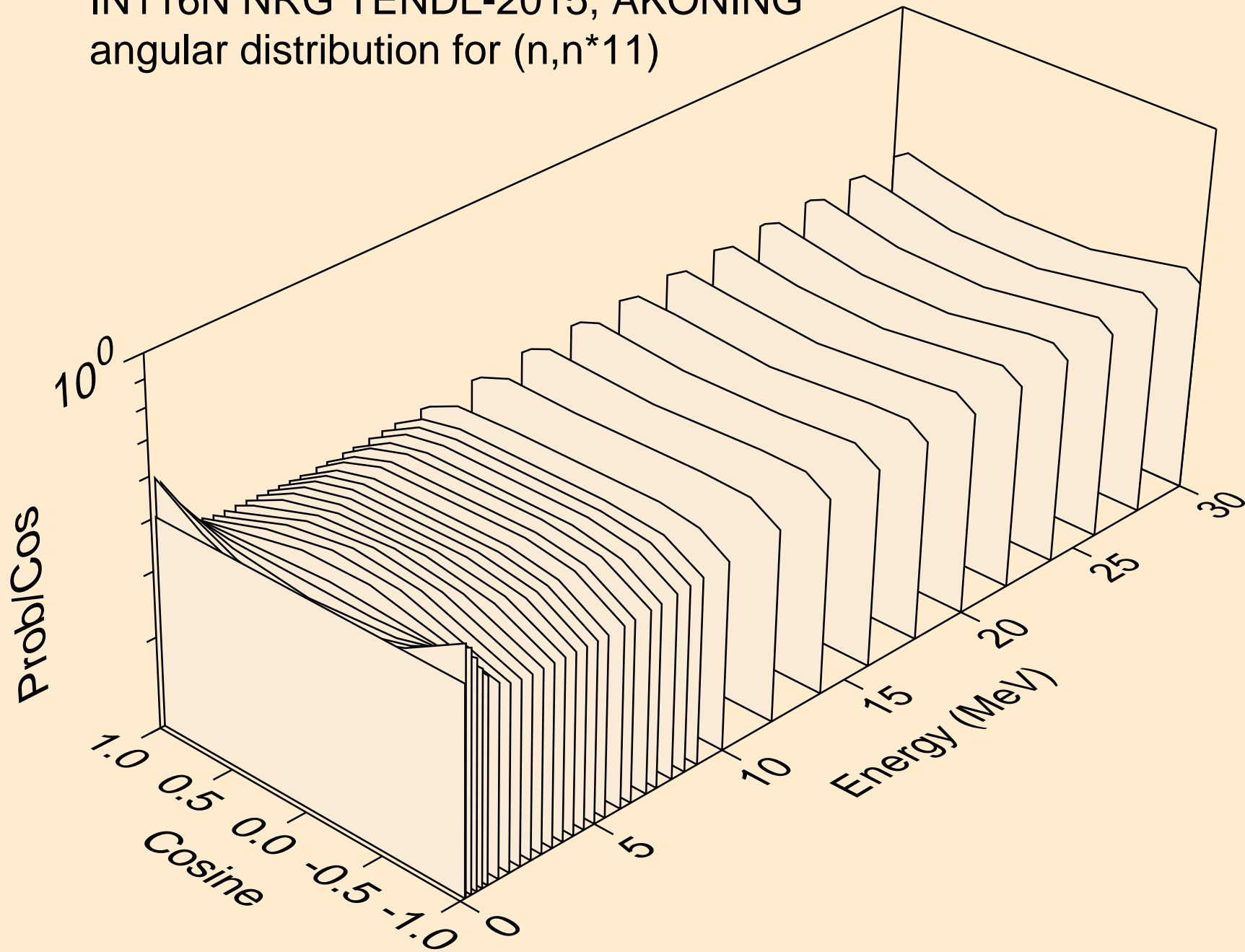
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angular distribution for (n,n\*9)



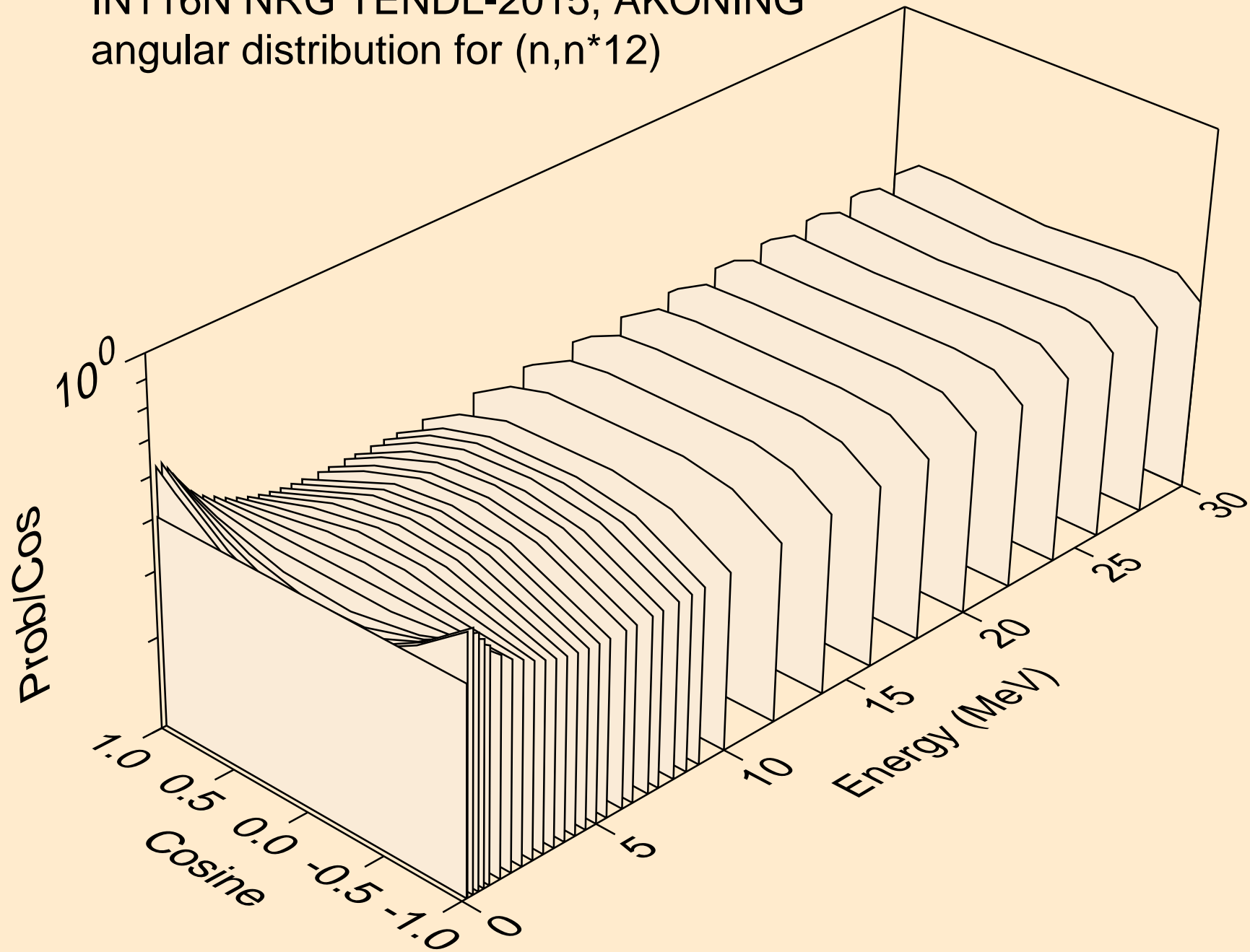
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angular distribution for (n,n\*10)



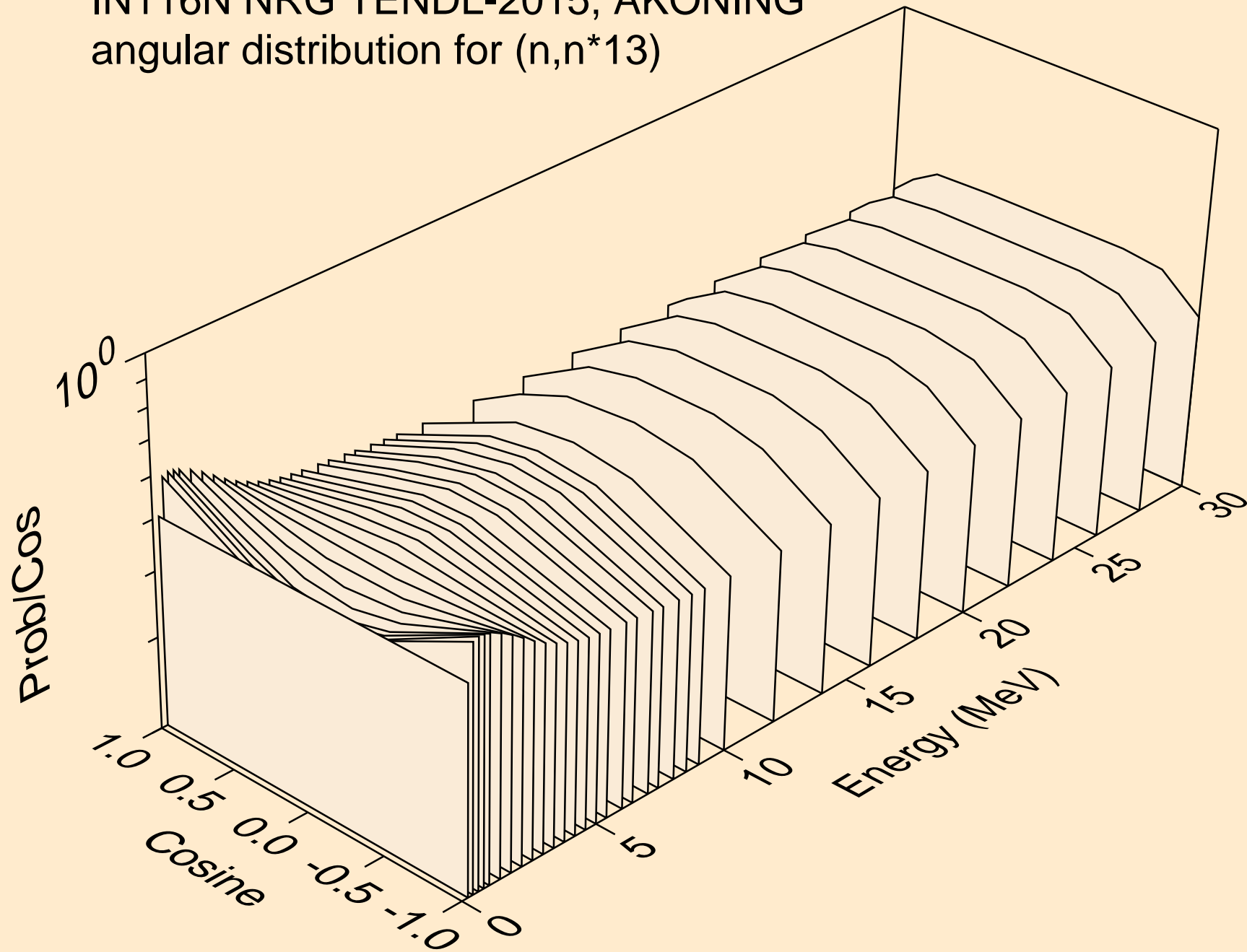
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angular distribution for (n,n\*11)



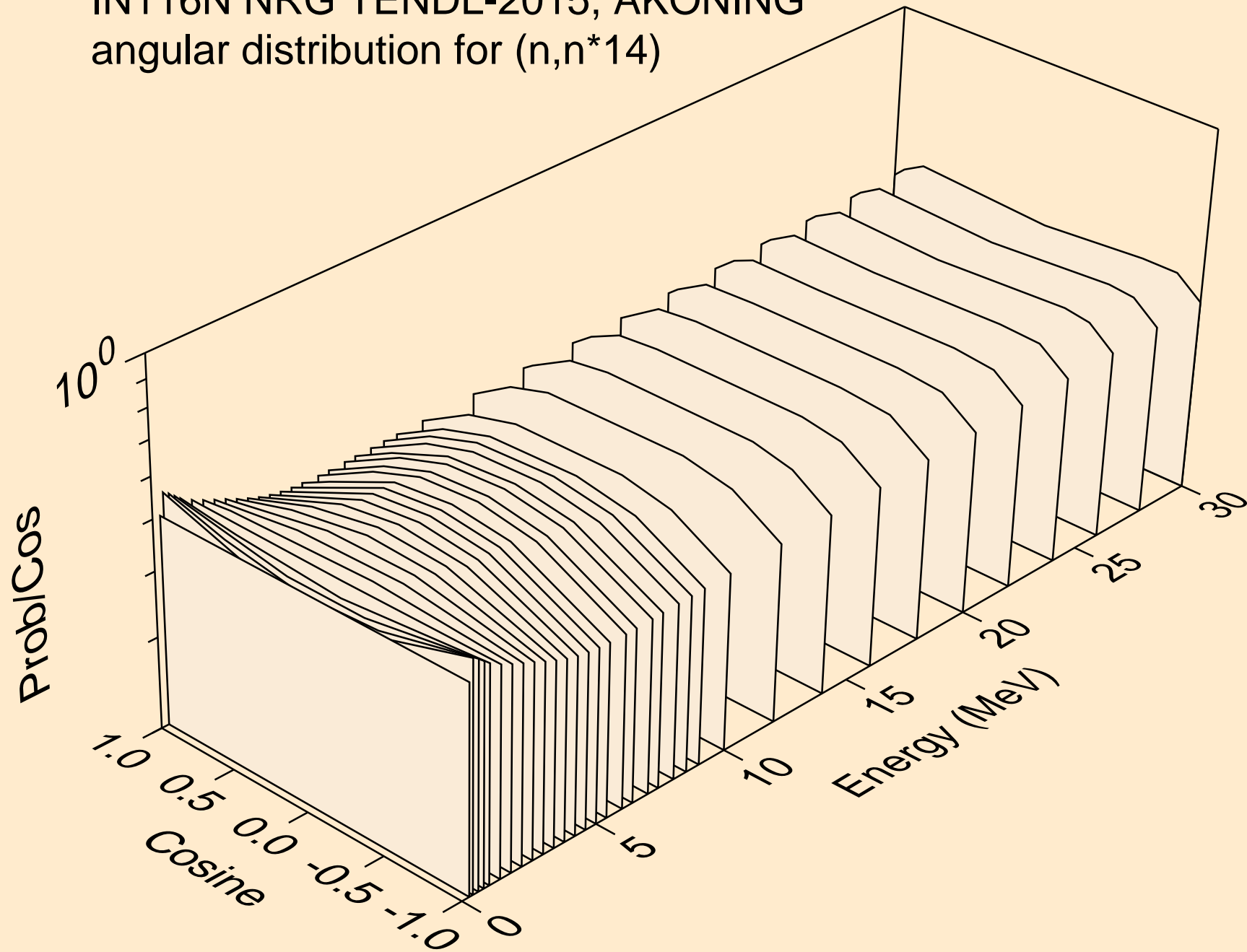
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angular distribution for (n,n\*12)



IN116N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

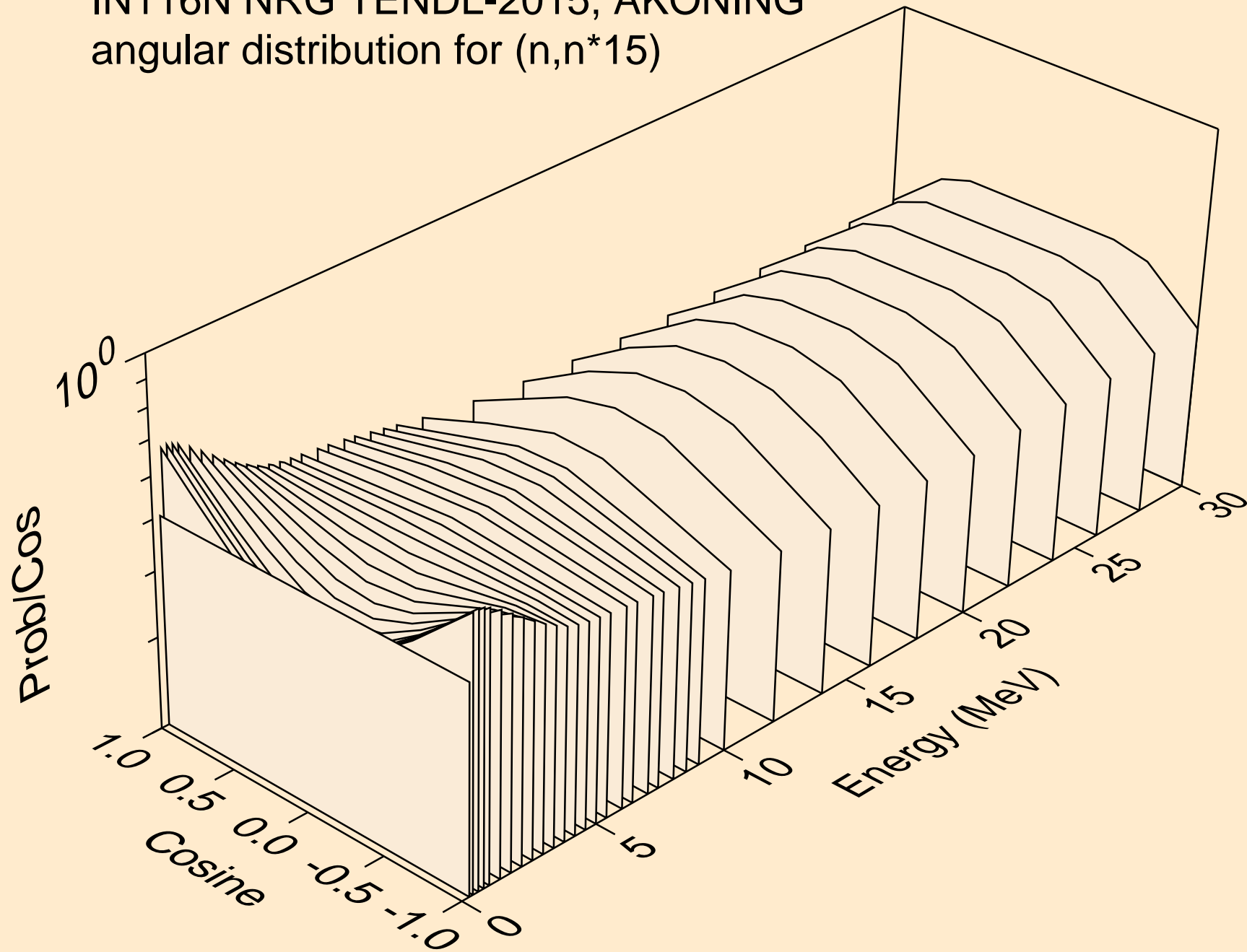


IN116N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

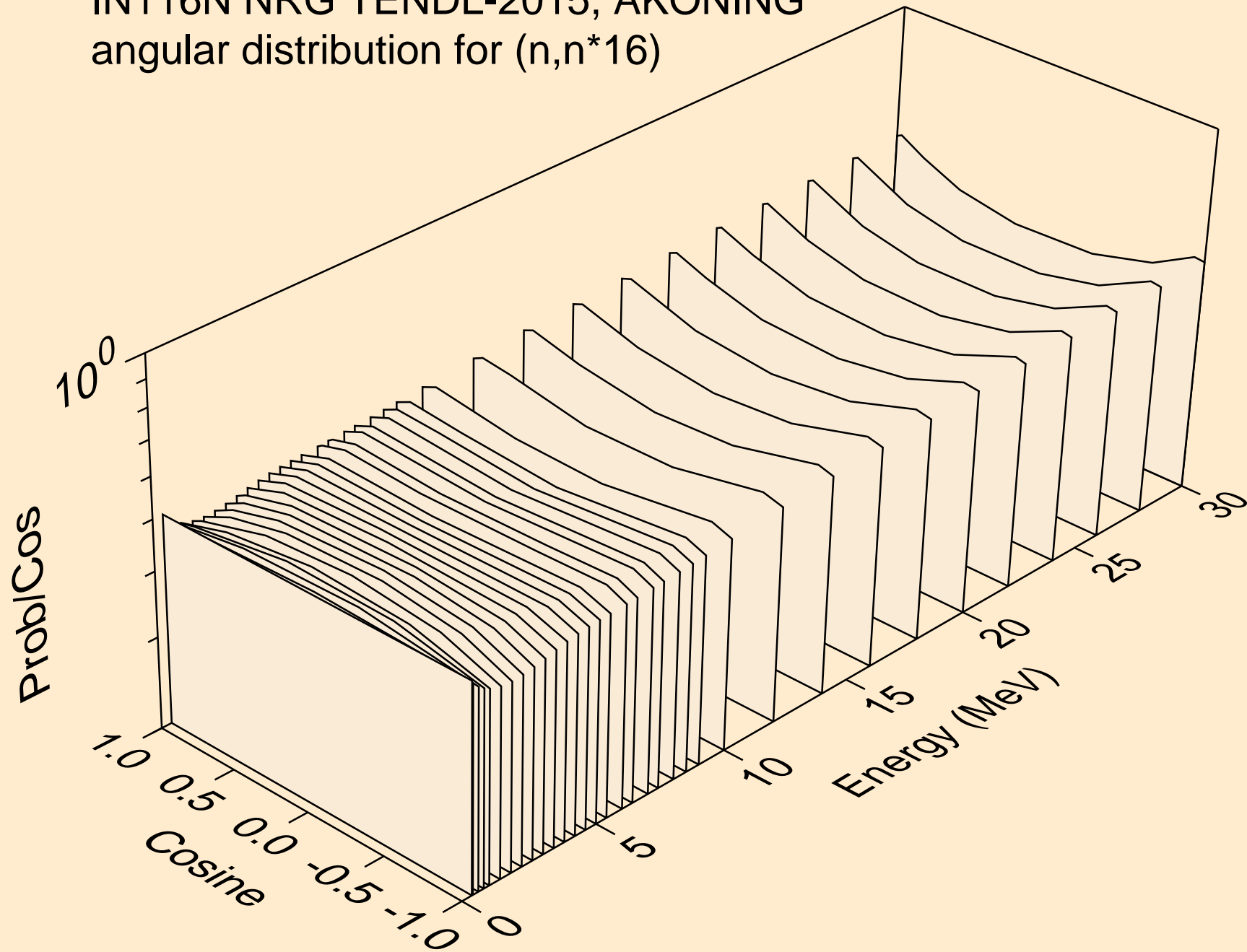




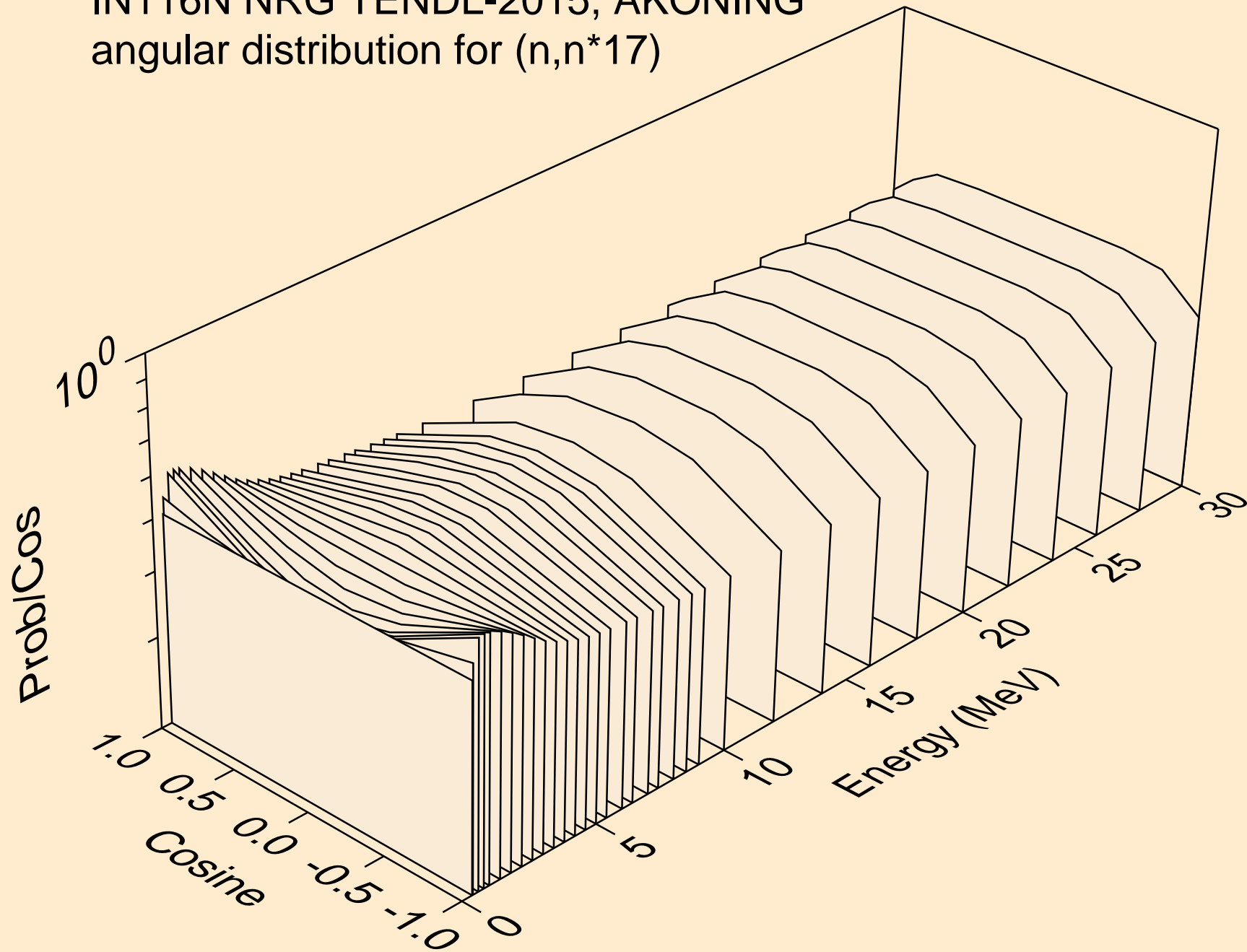
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angular distribution for (n,n\*15)



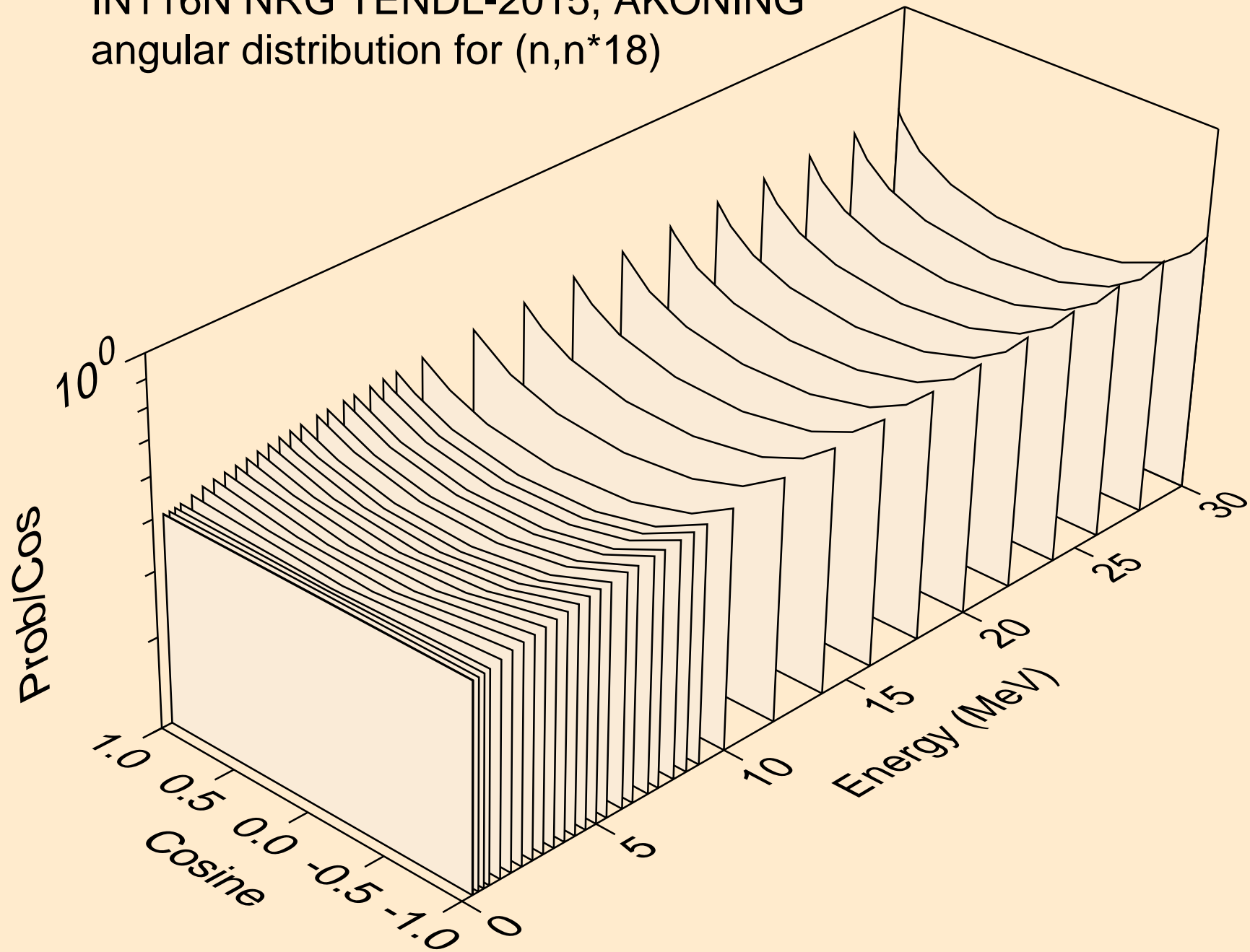
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angular distribution for (n,n\*16)



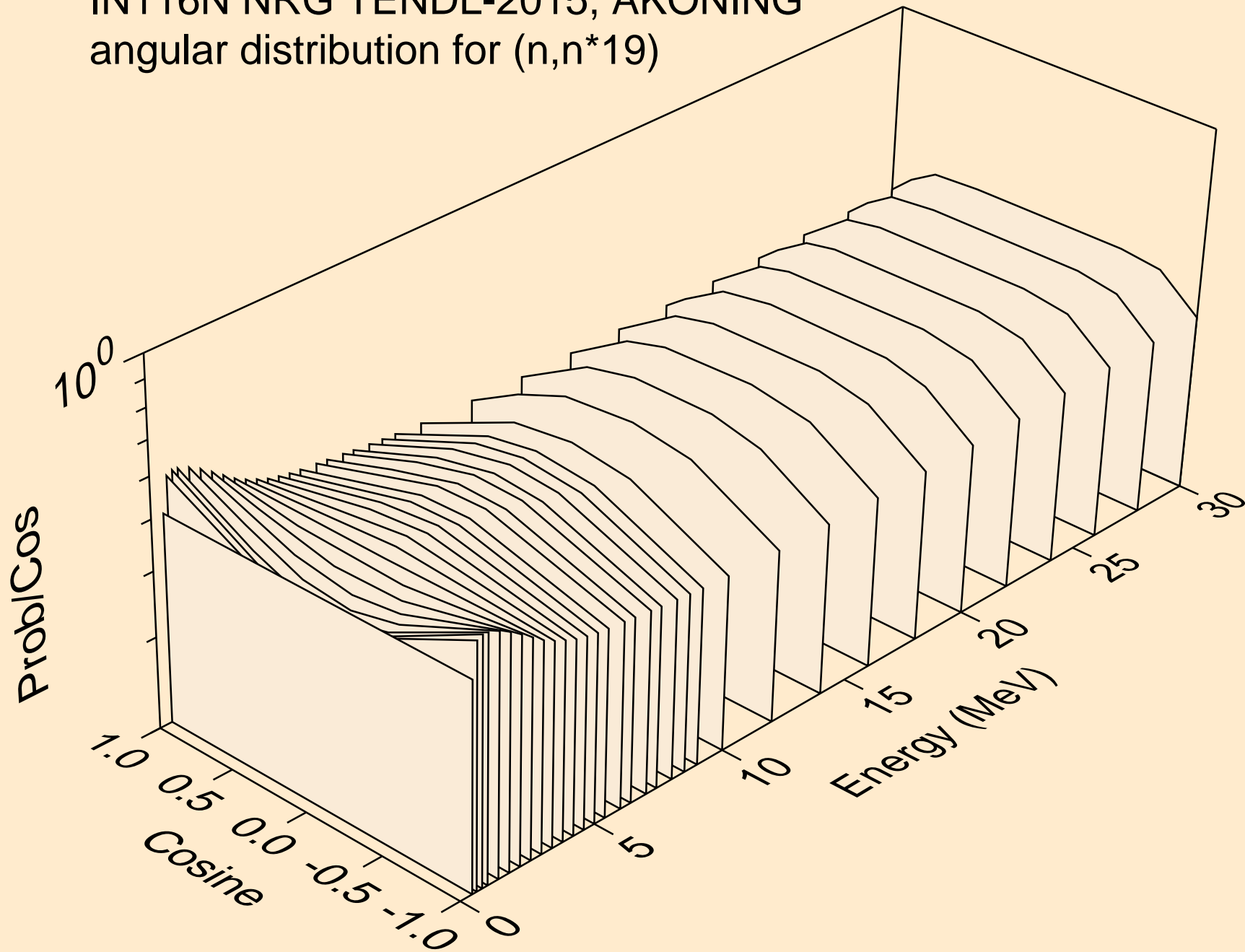
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angular distribution for (n,n\*17)



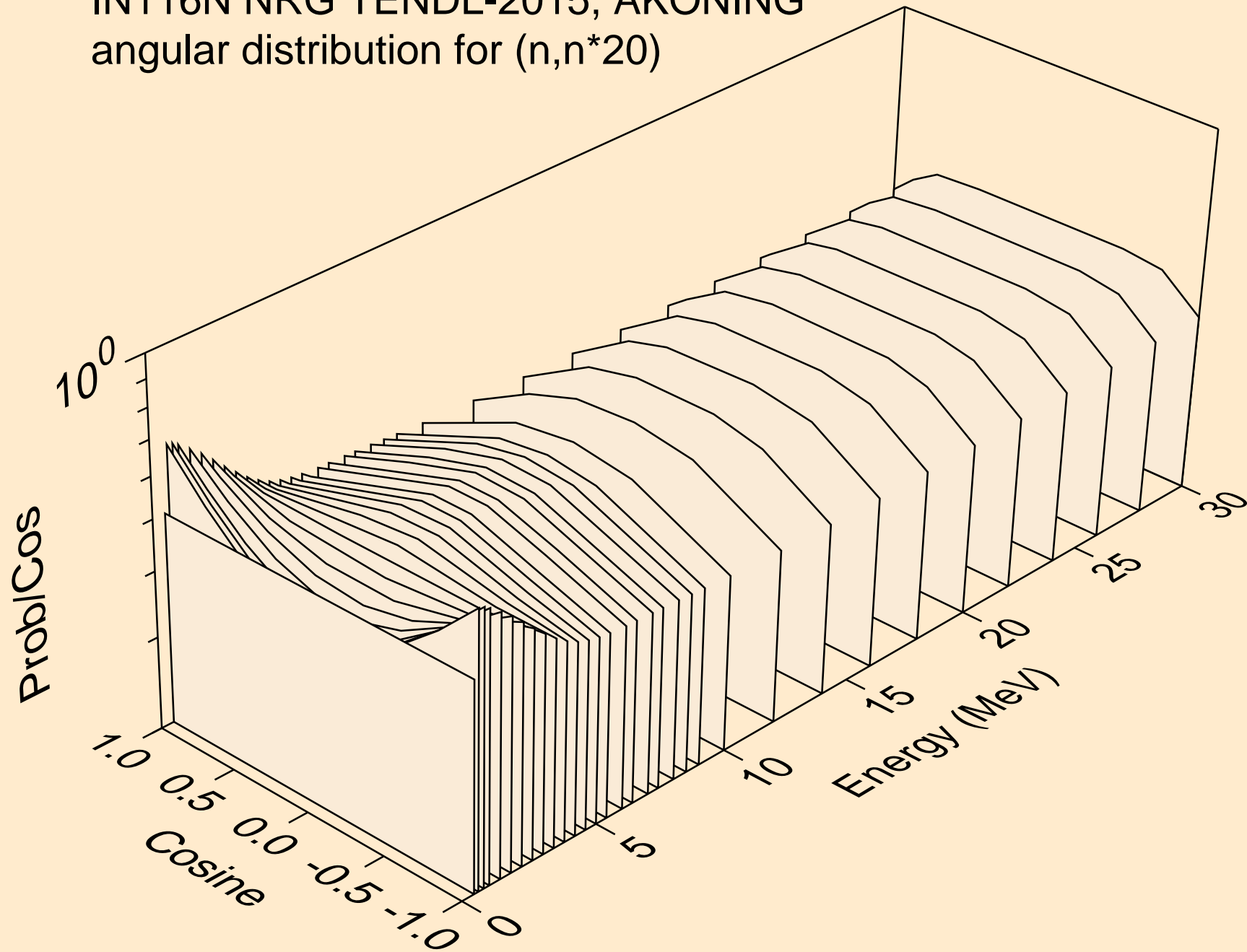
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angular distribution for (n,n\*18)



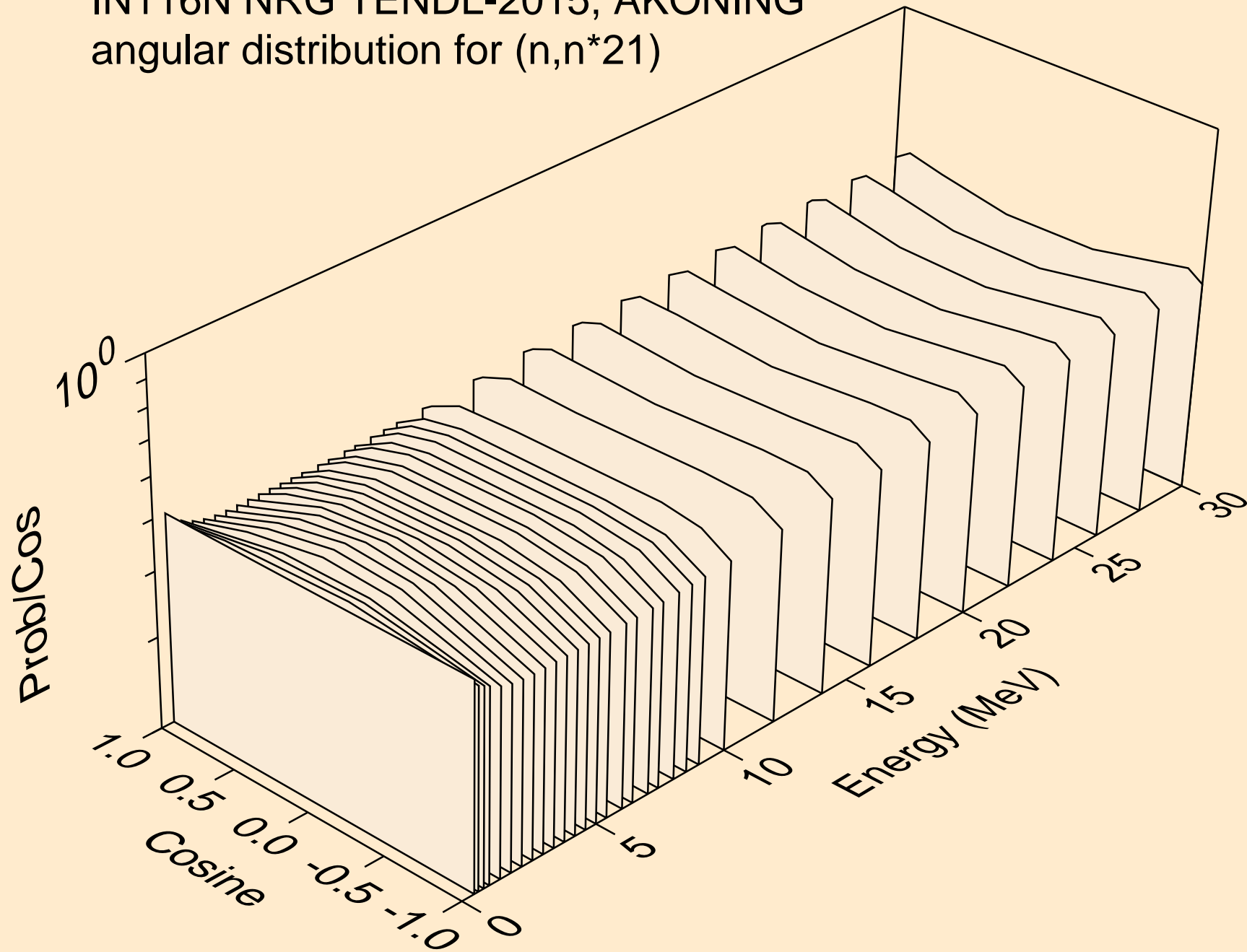
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angular distribution for (n,n\*19)



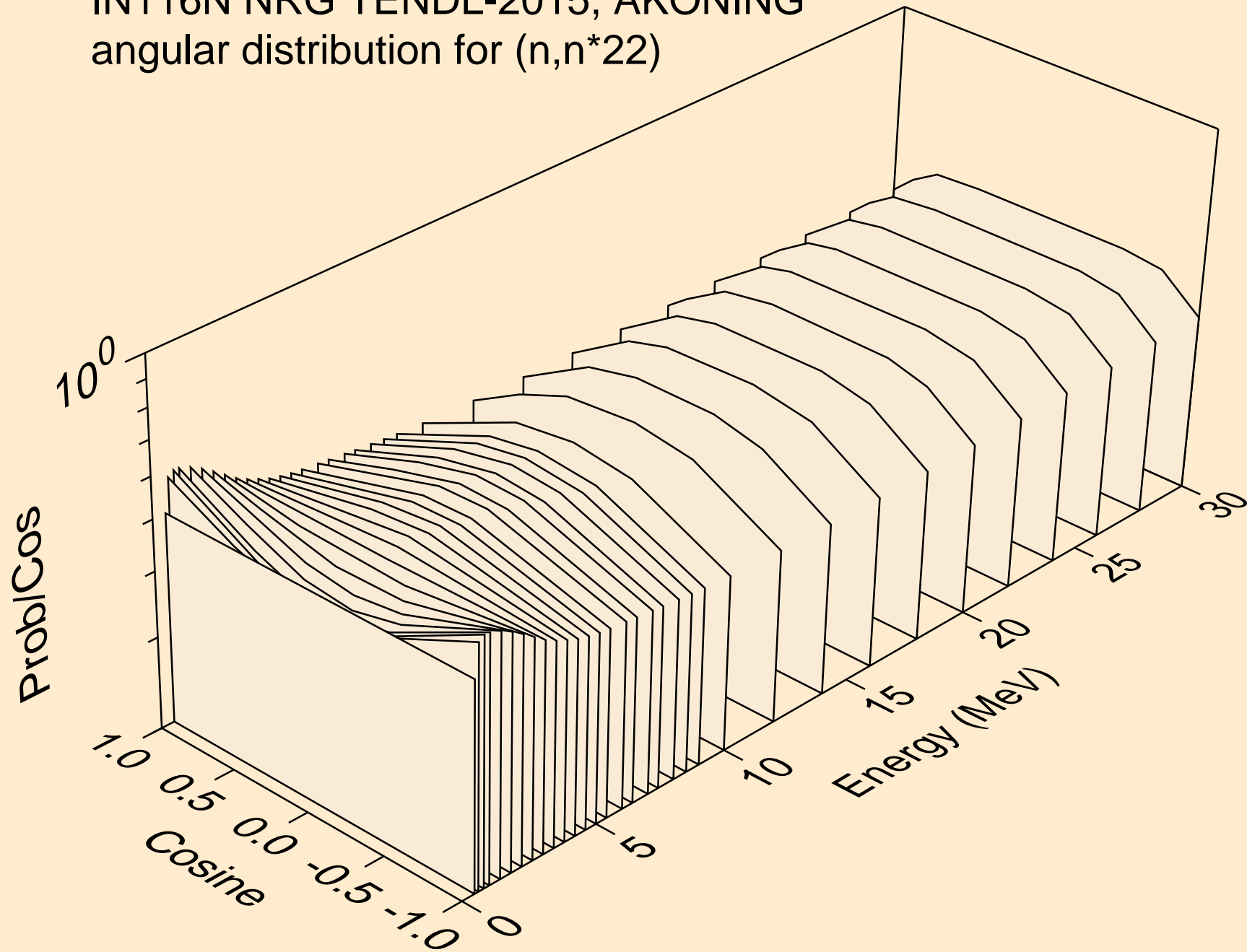
IN116N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



IN116N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

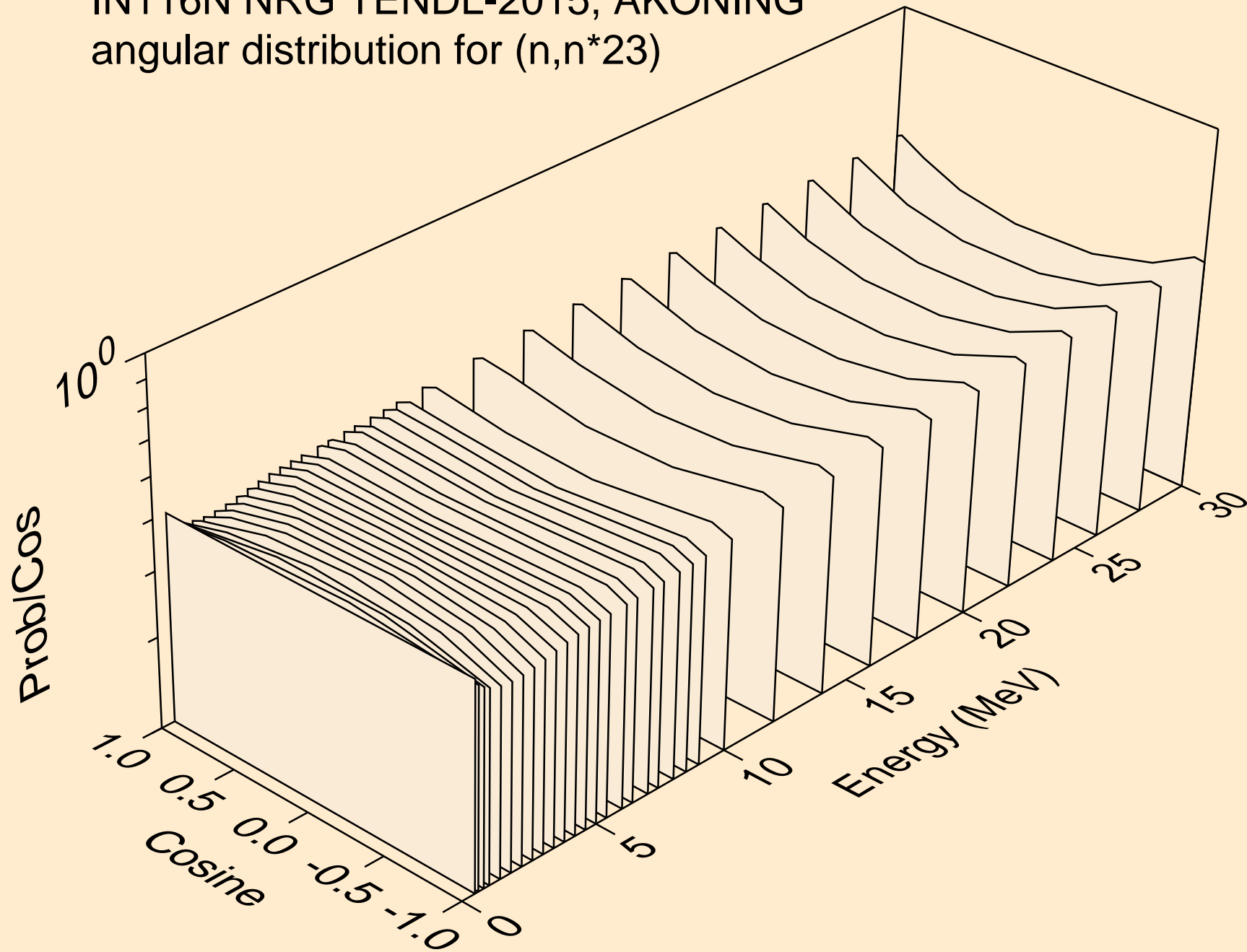


IN116N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

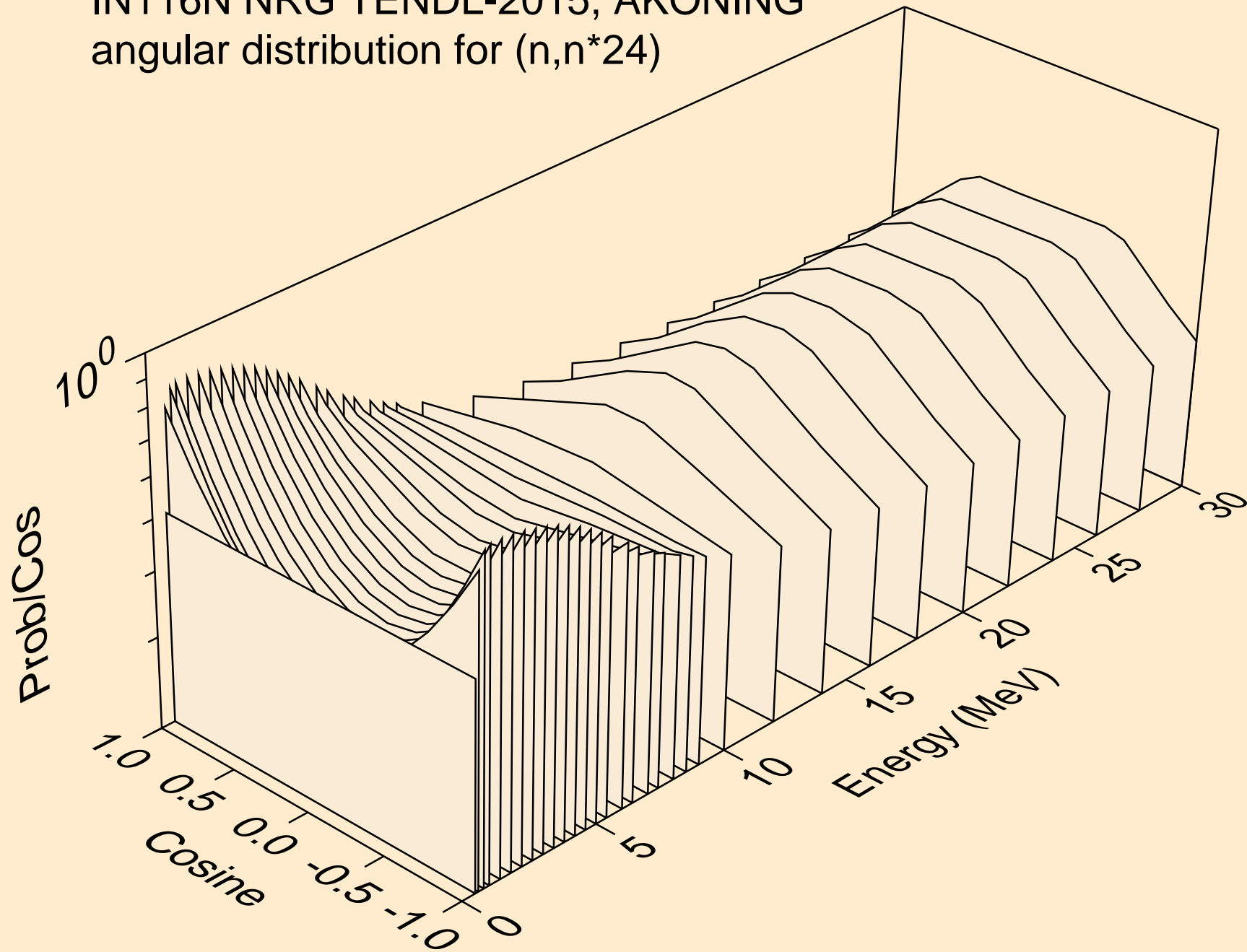




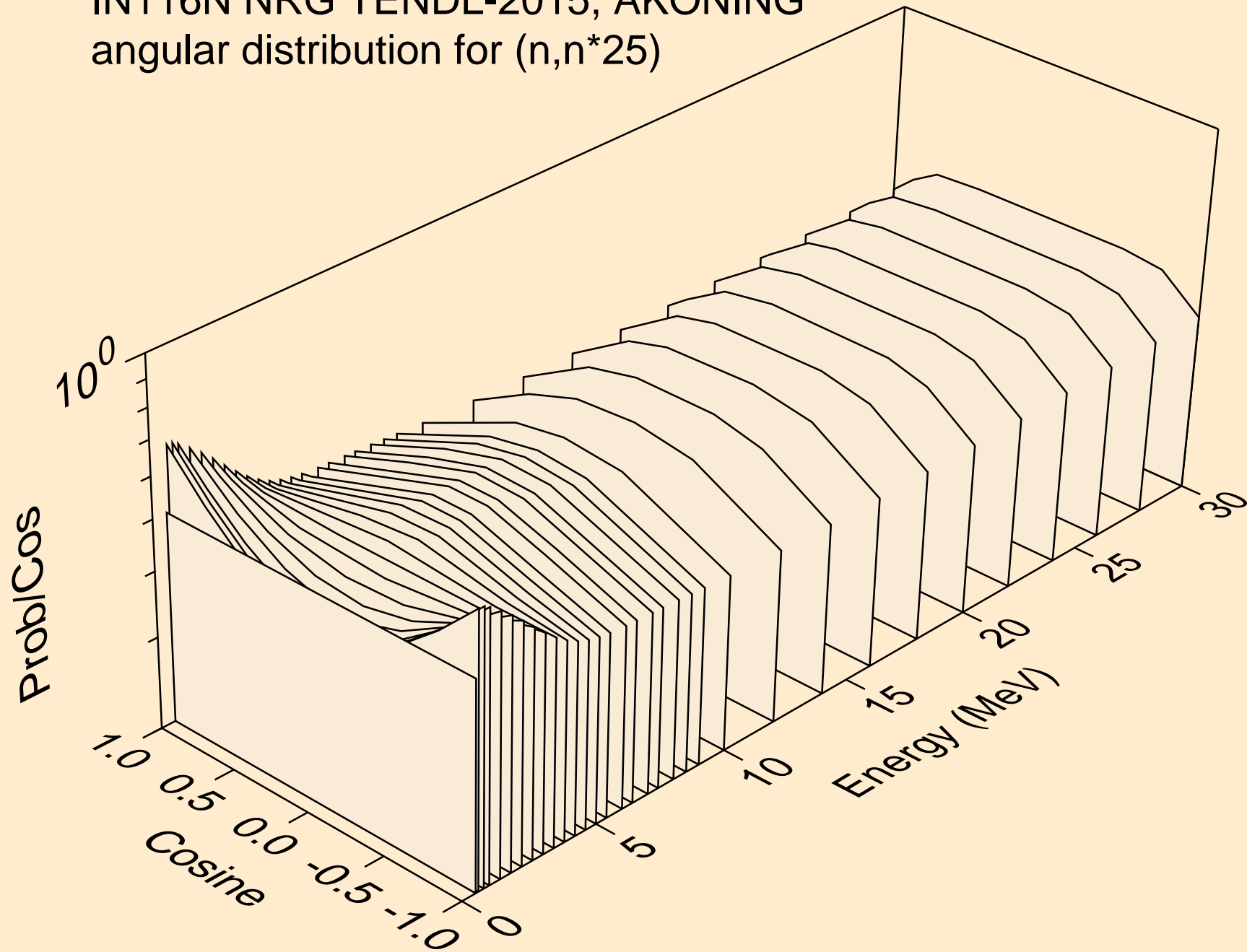
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angular distribution for (n,n\*23)



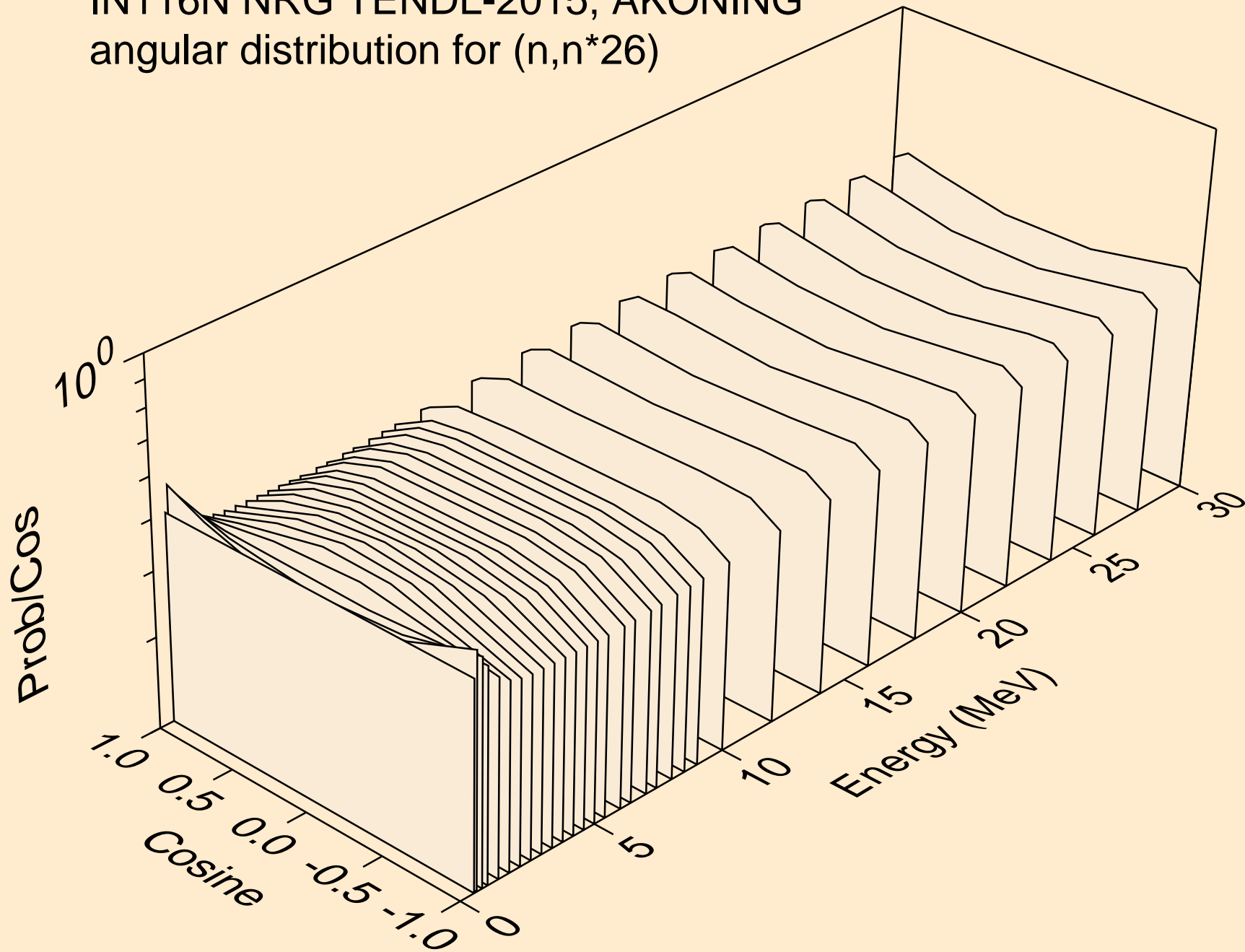
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angular distribution for (n,n\*24)



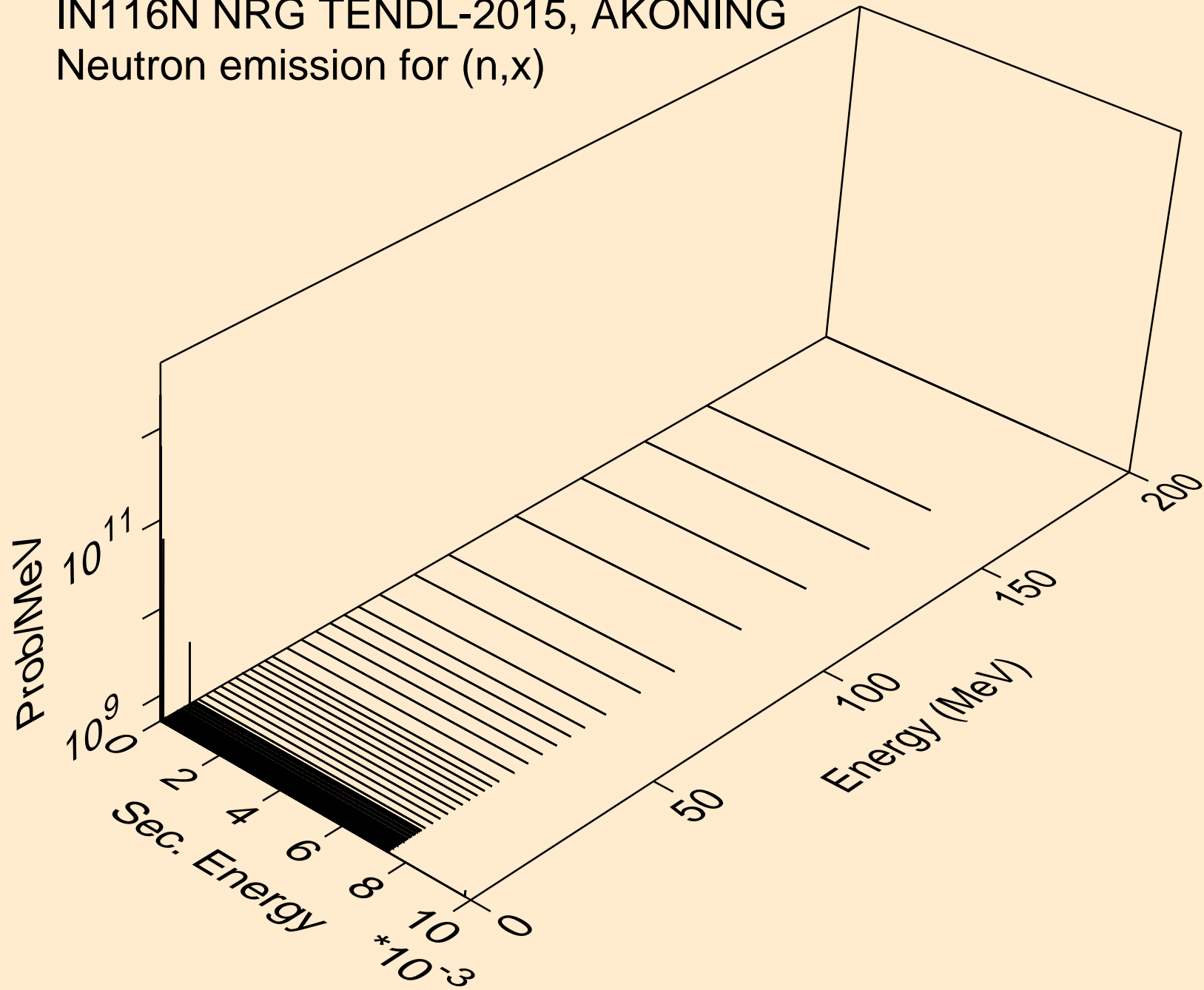
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angular distribution for (n,n\*25)



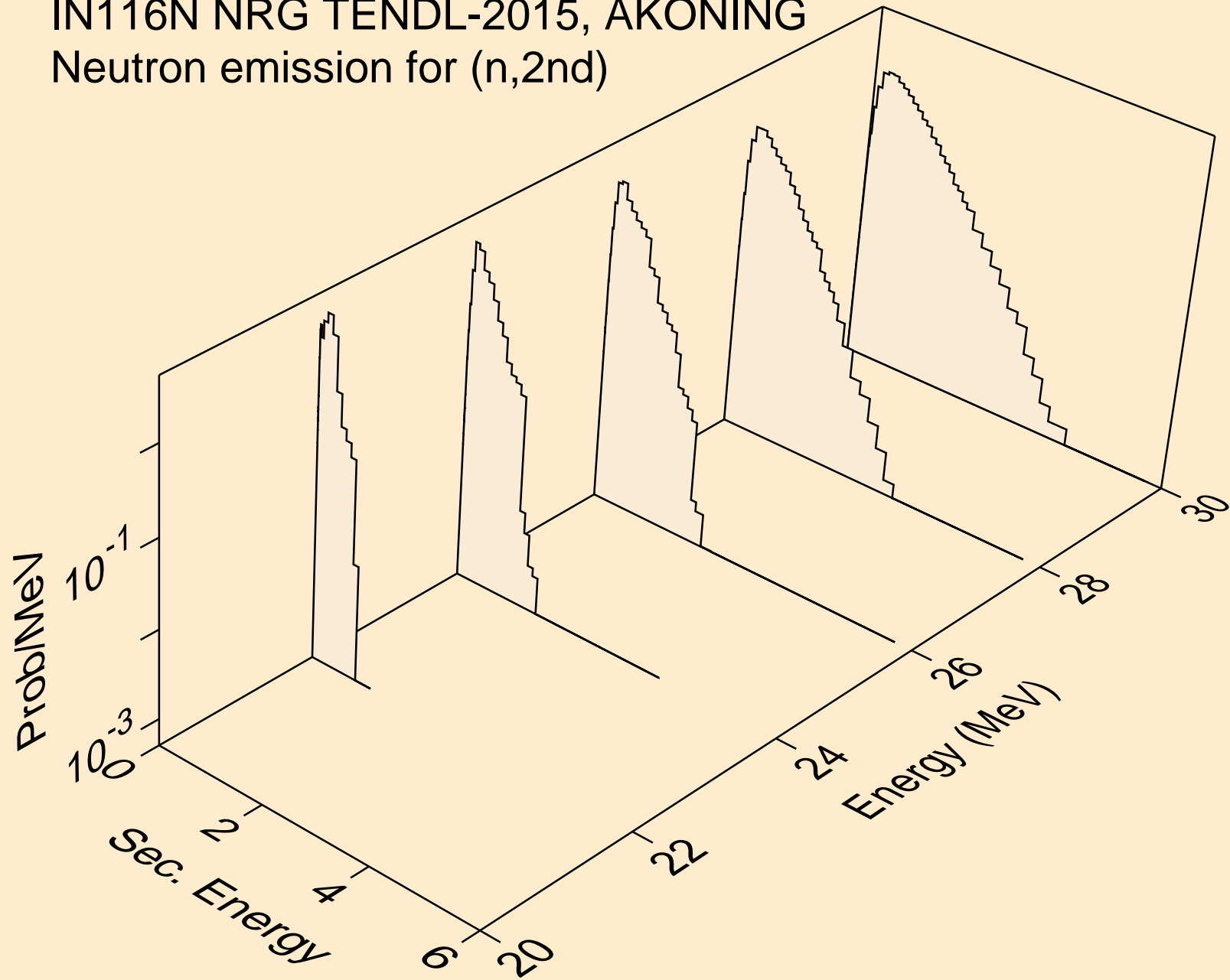
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angular distribution for (n,n\*26)



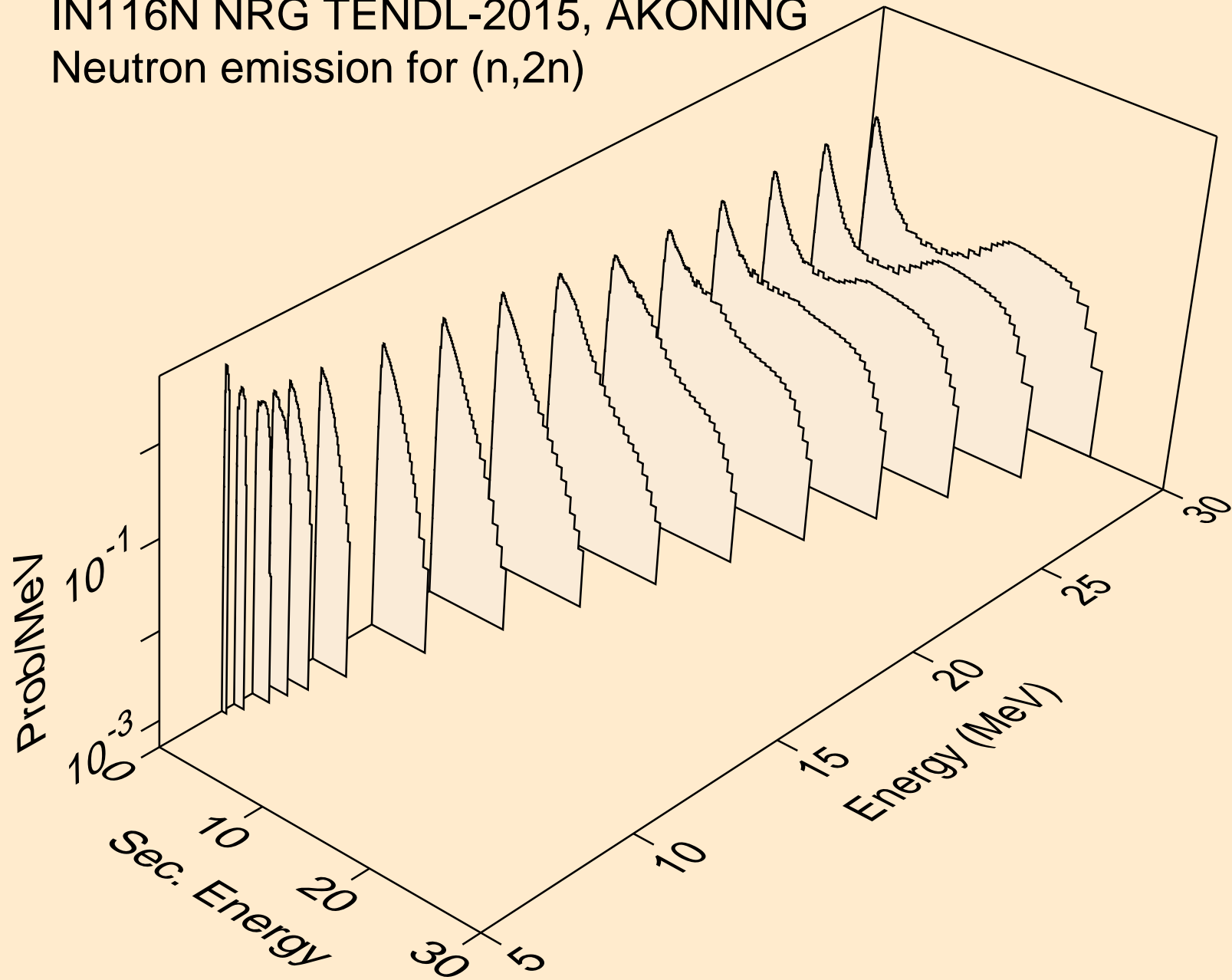
IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



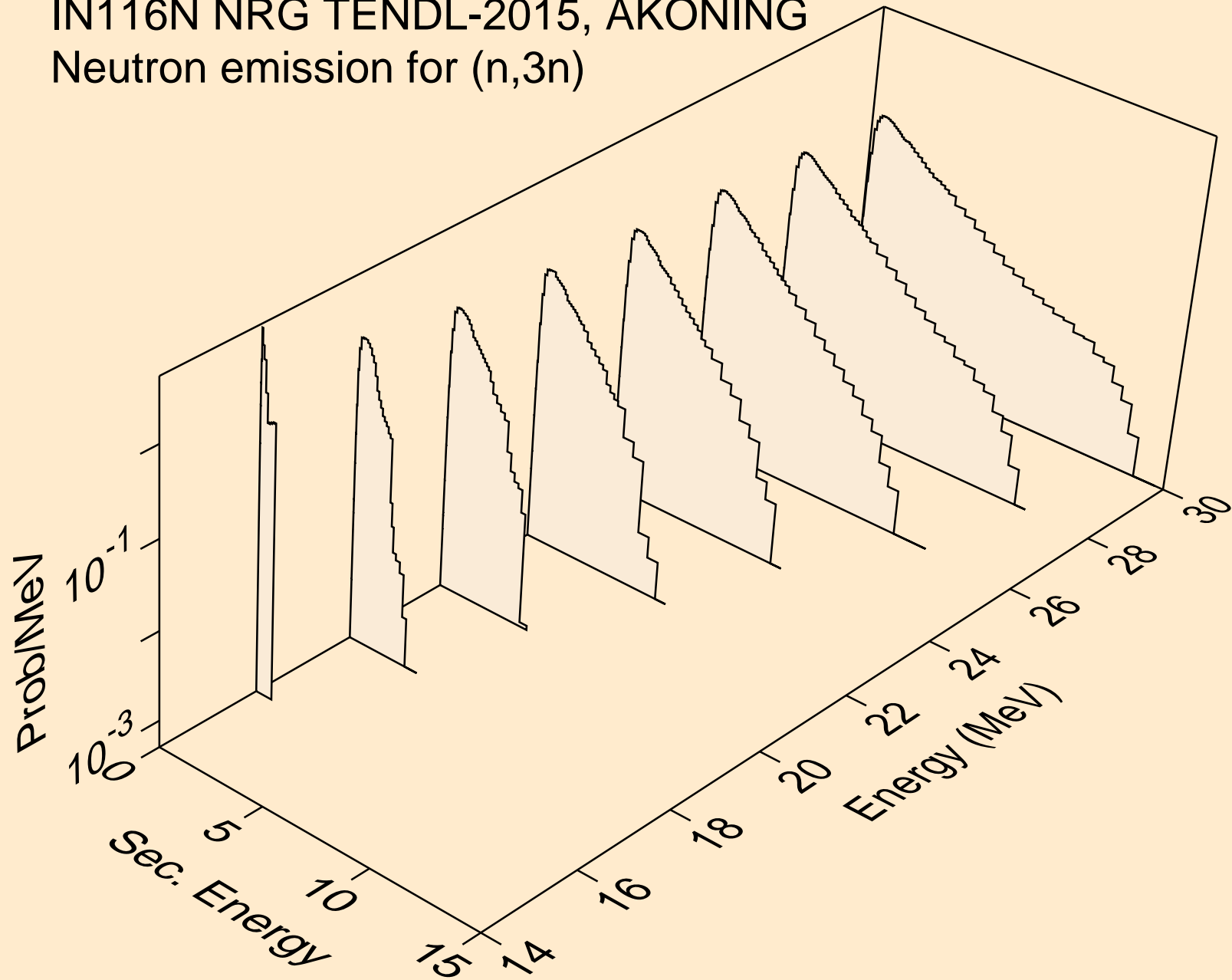
IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

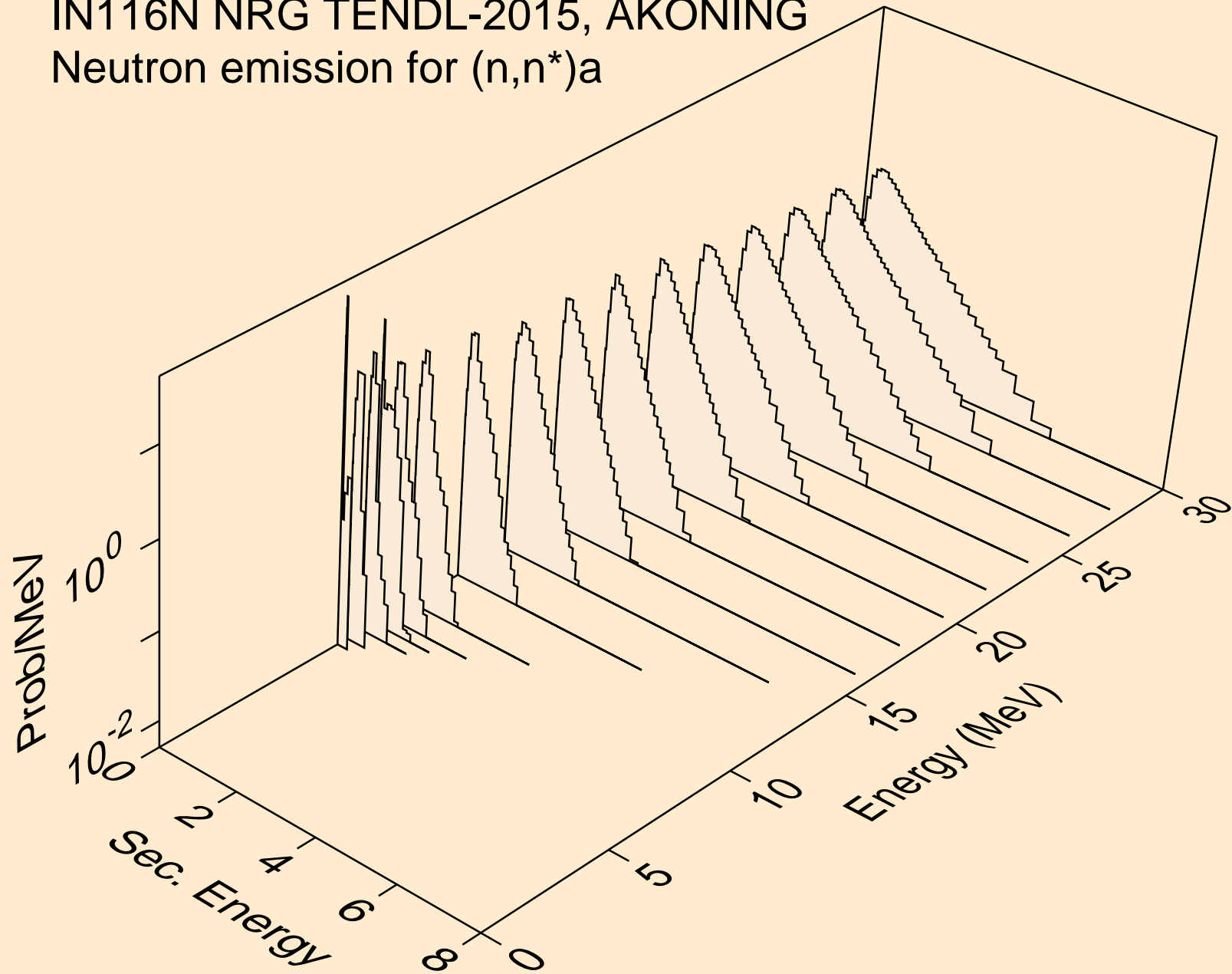


IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

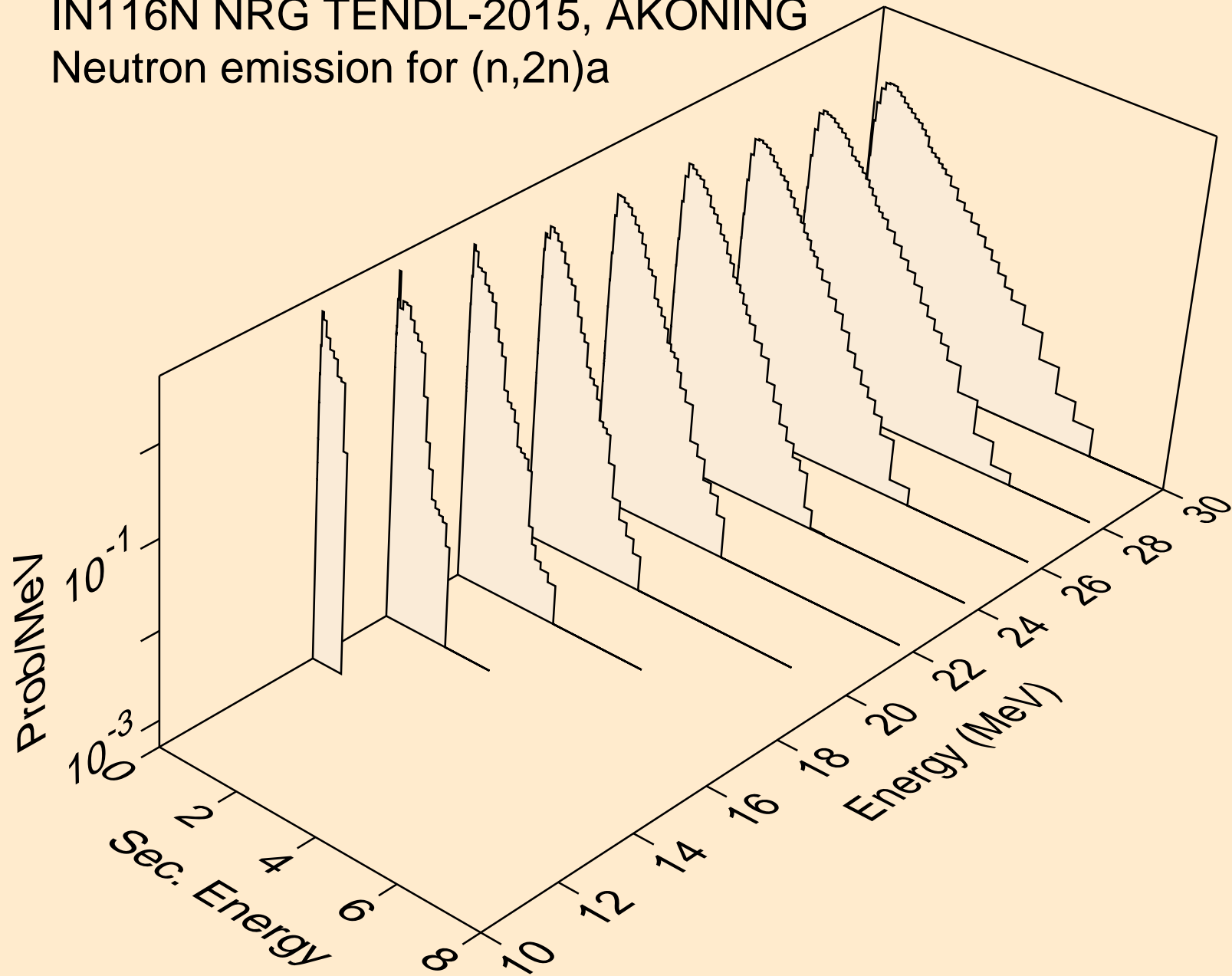




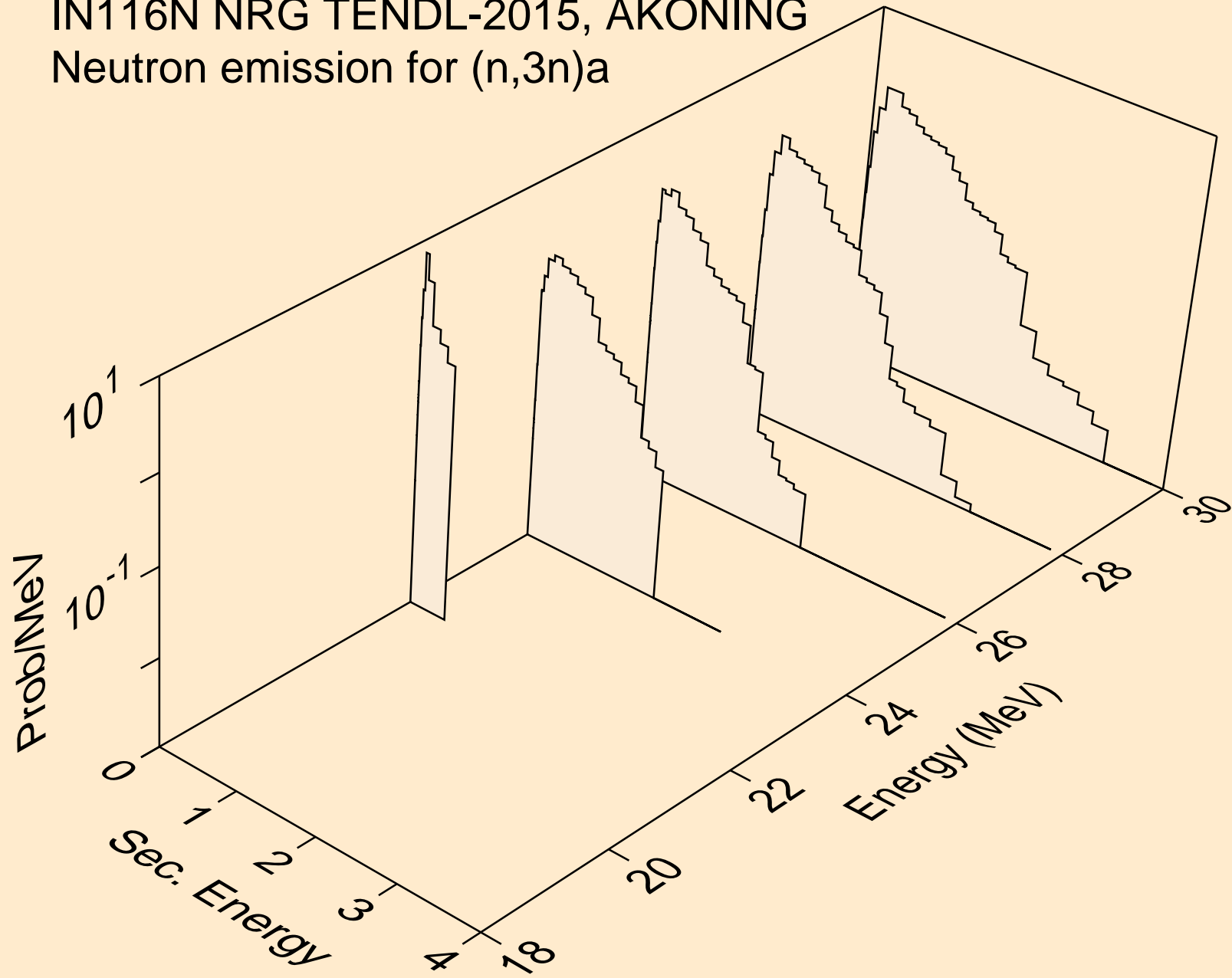
IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



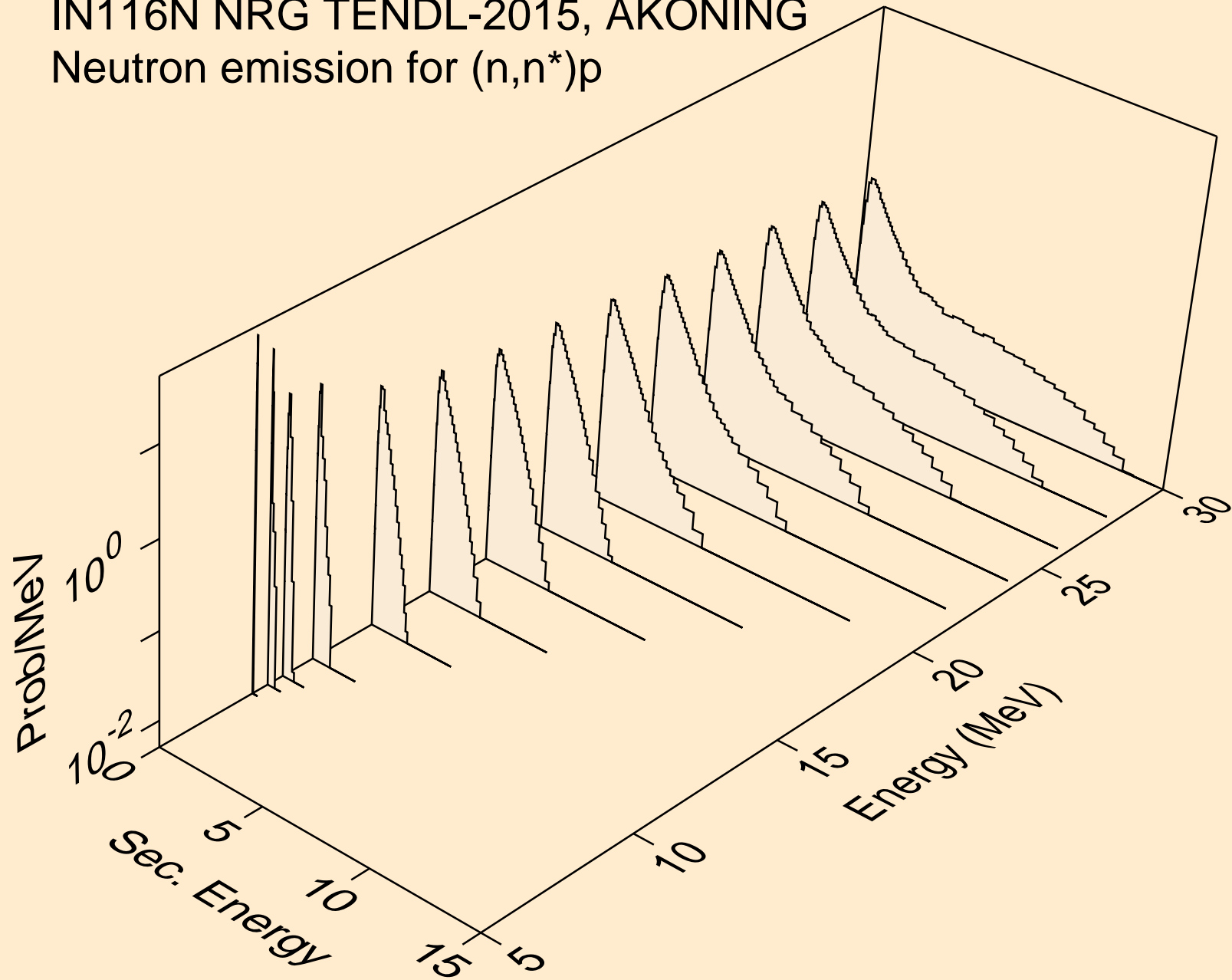
IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



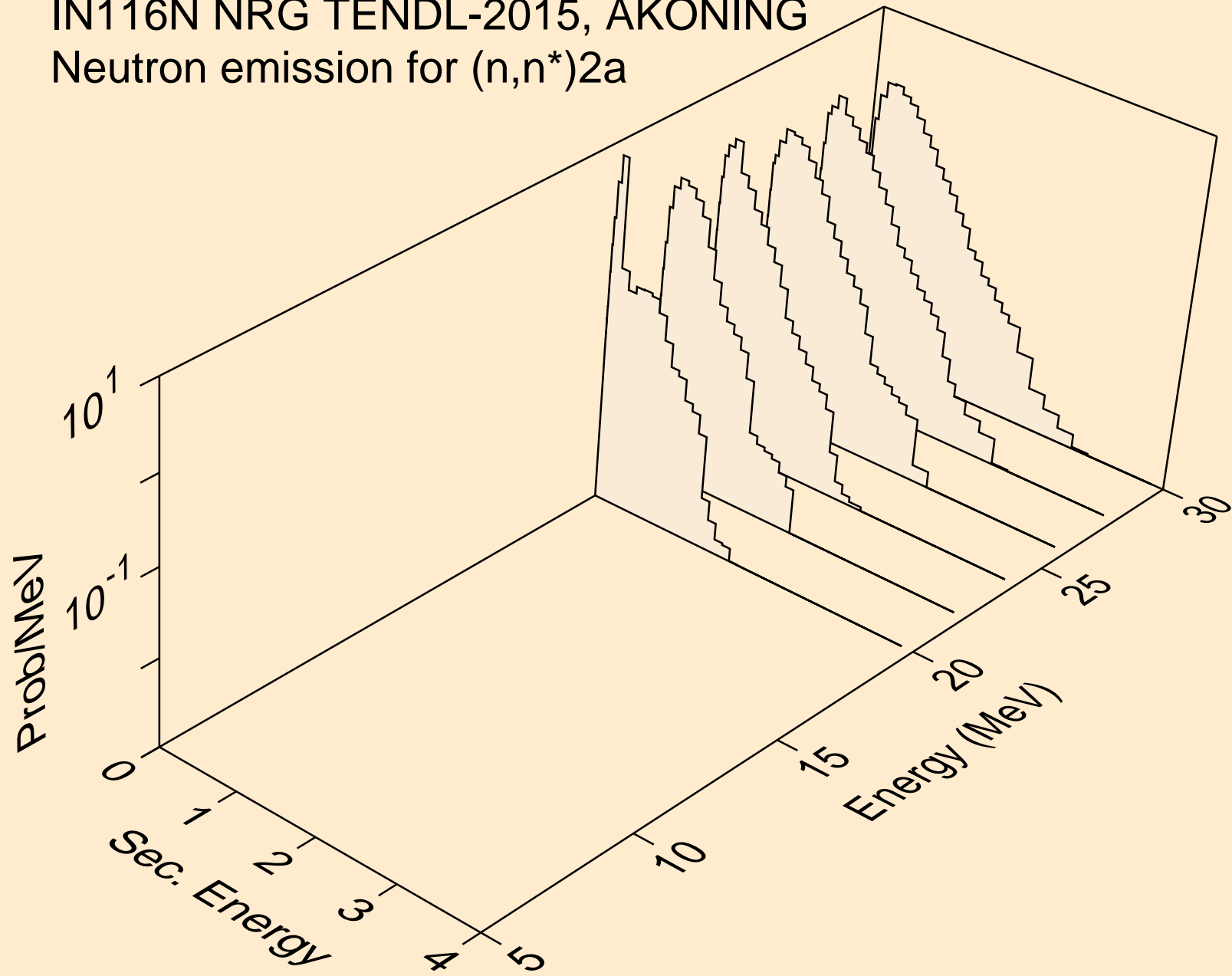
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Neutron emission for (n,3n)a



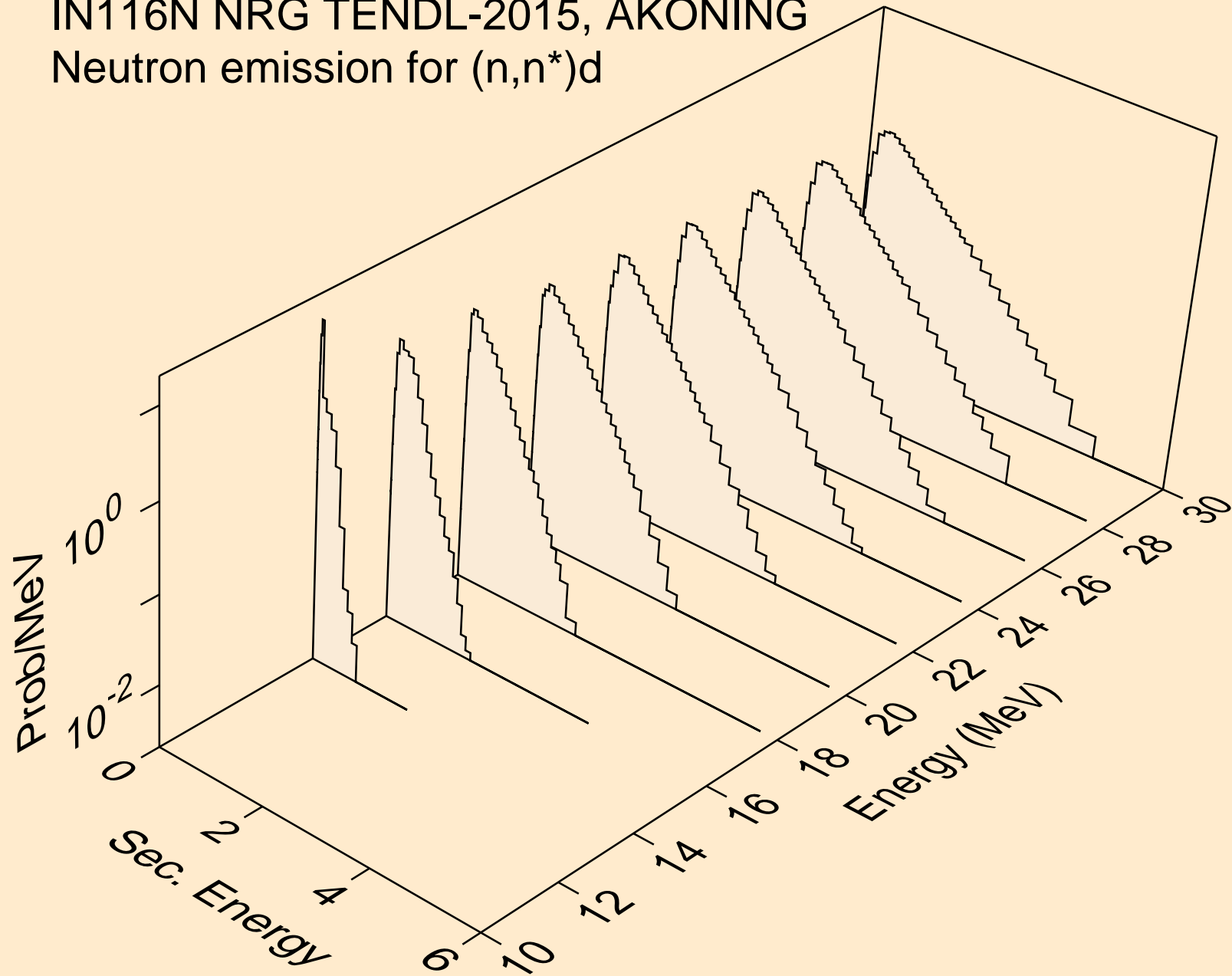
IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



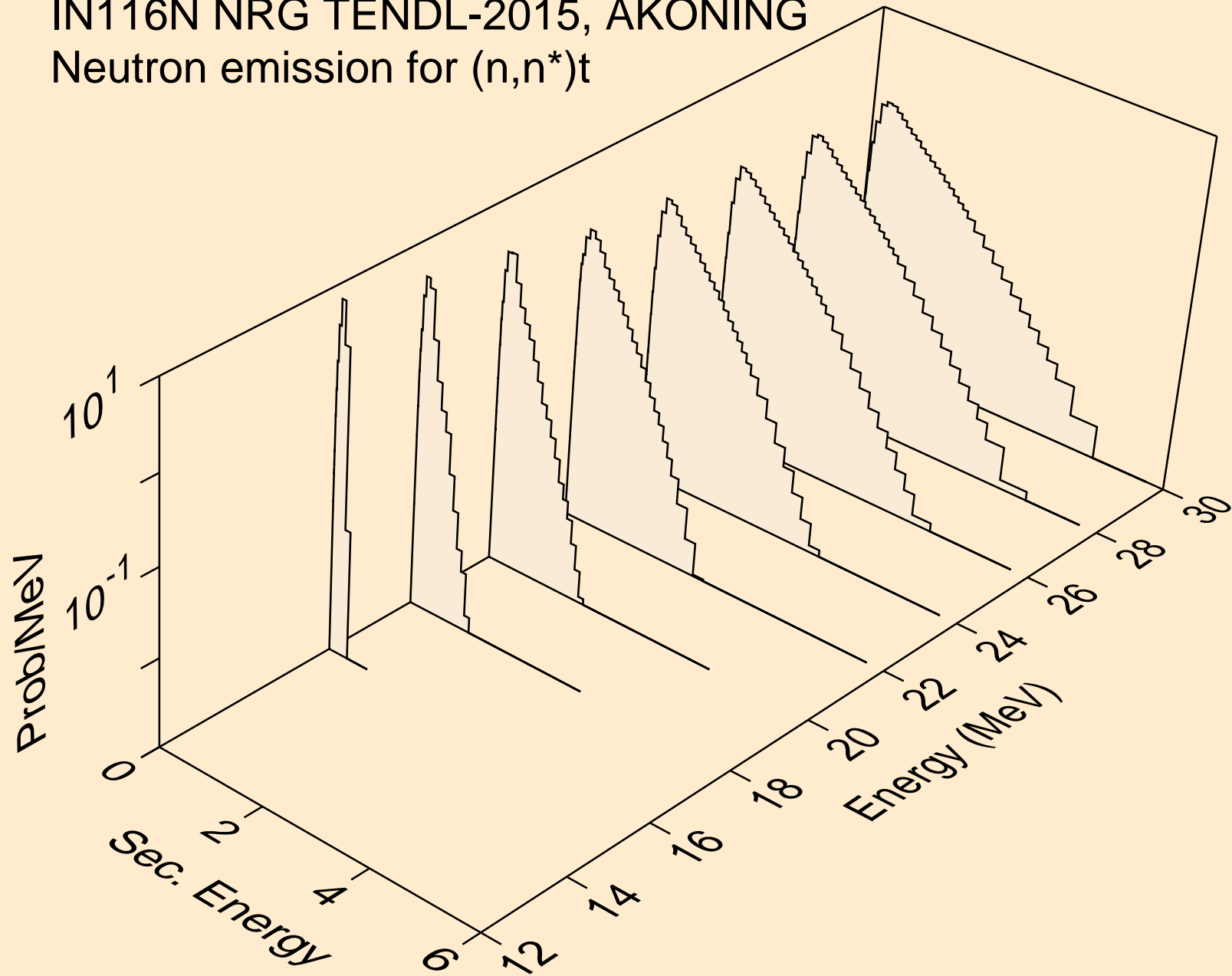
IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



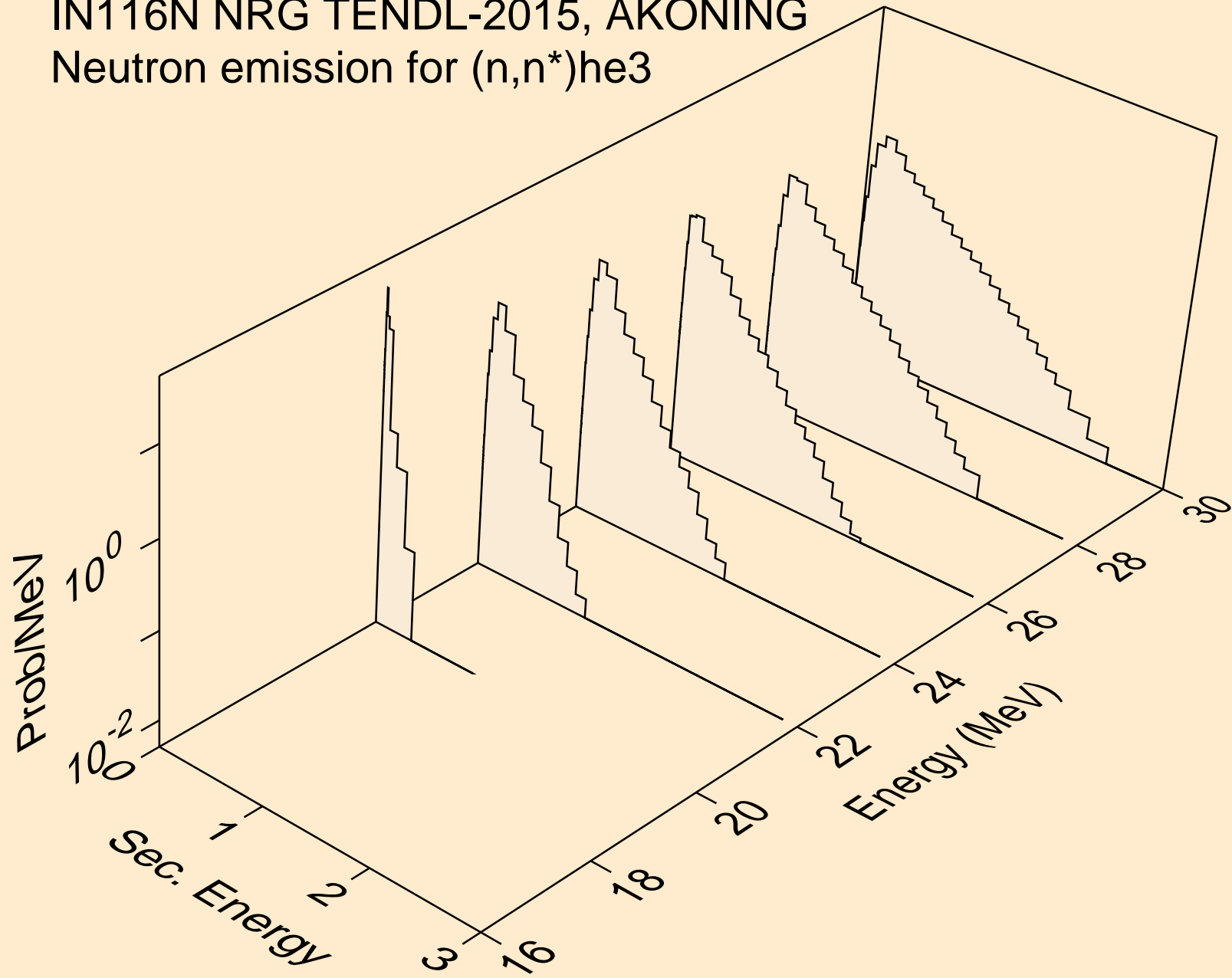
IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

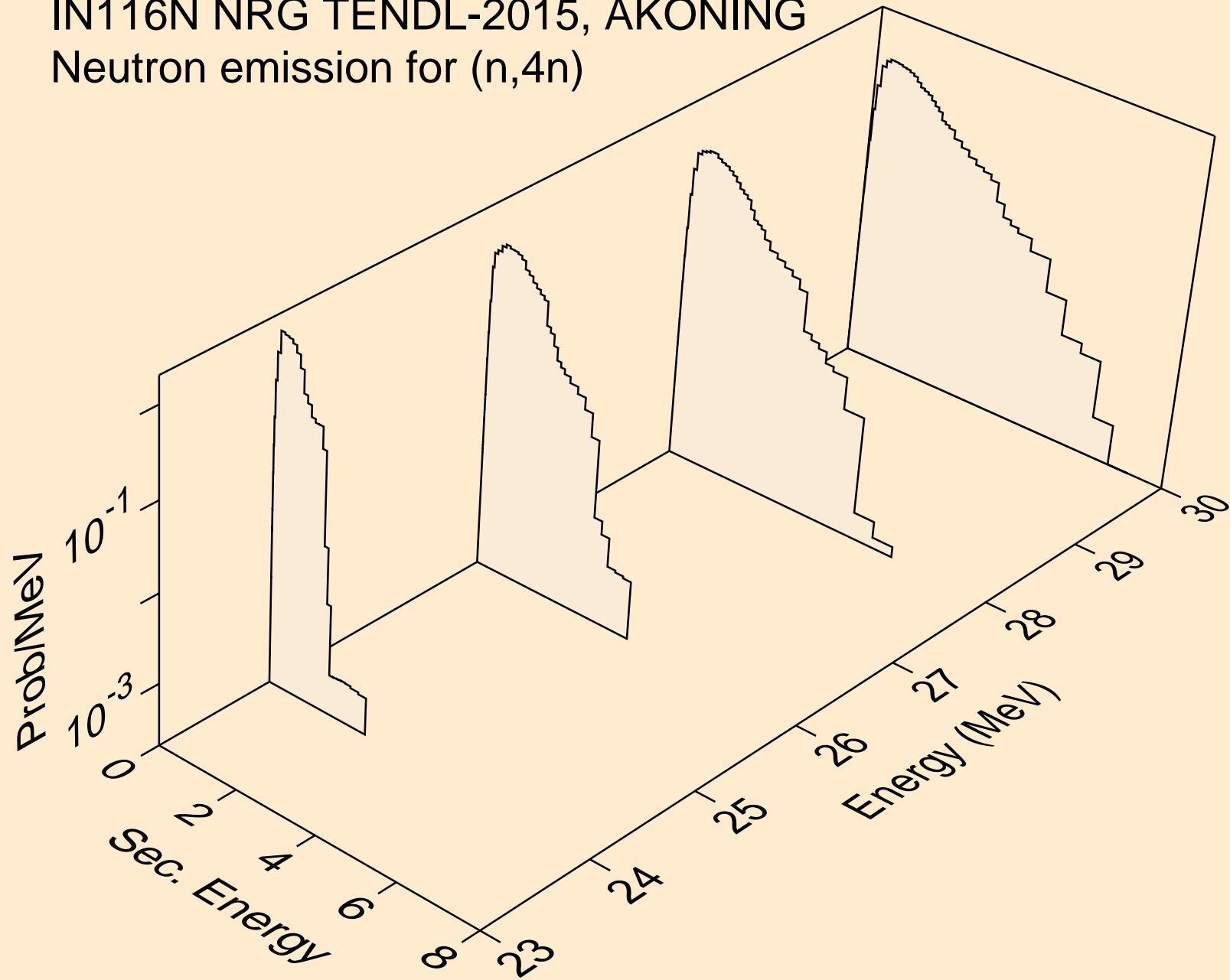


IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

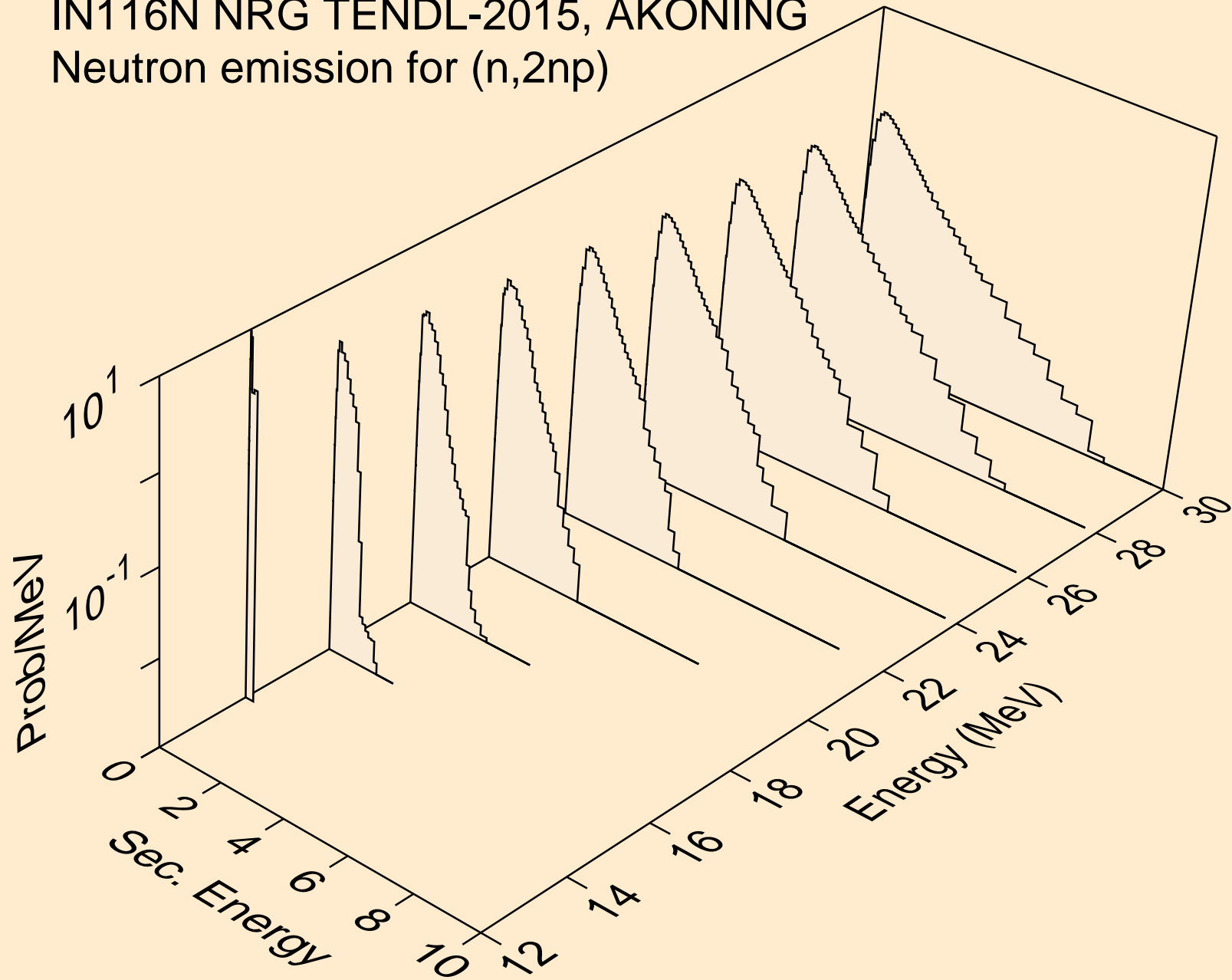




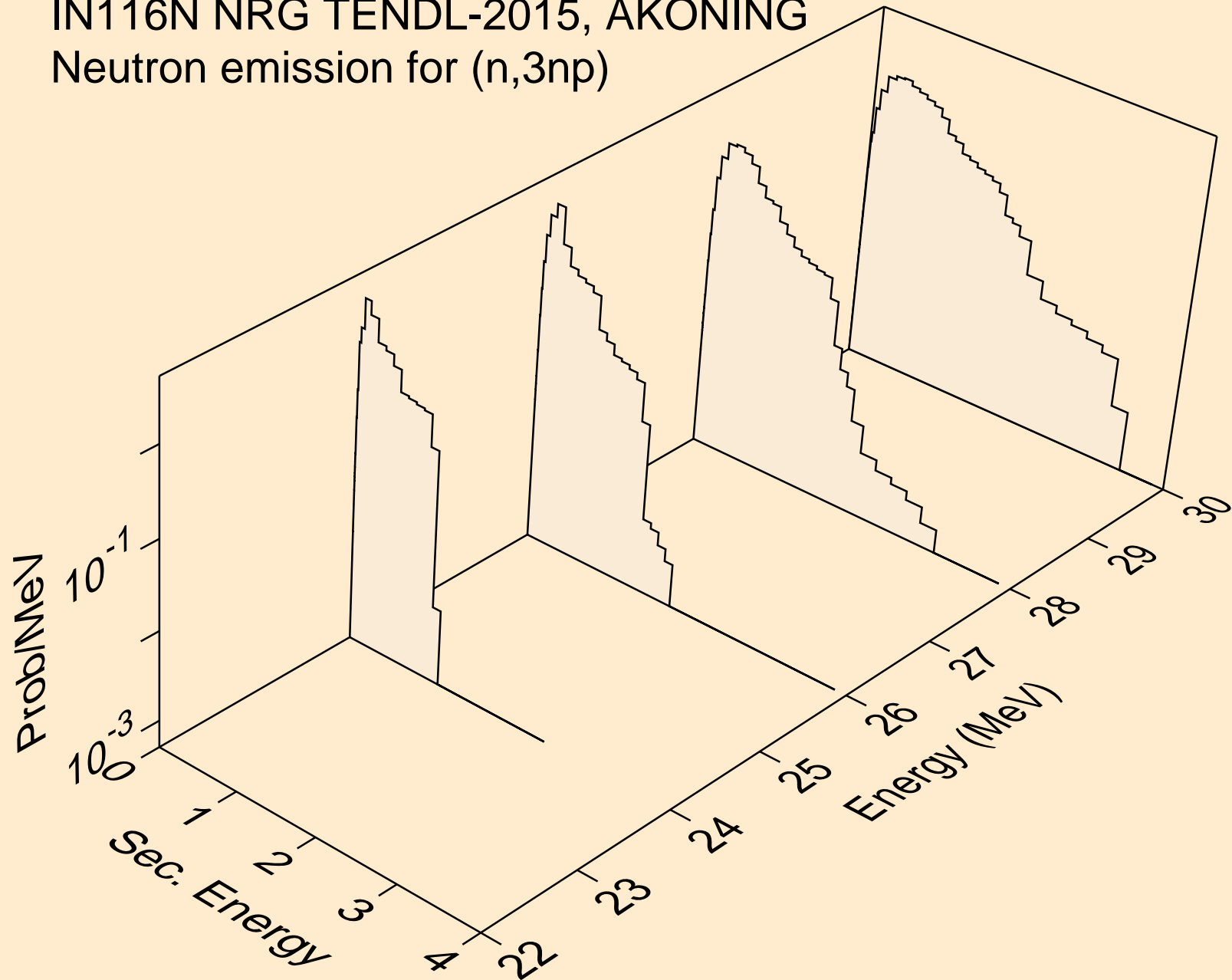
IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



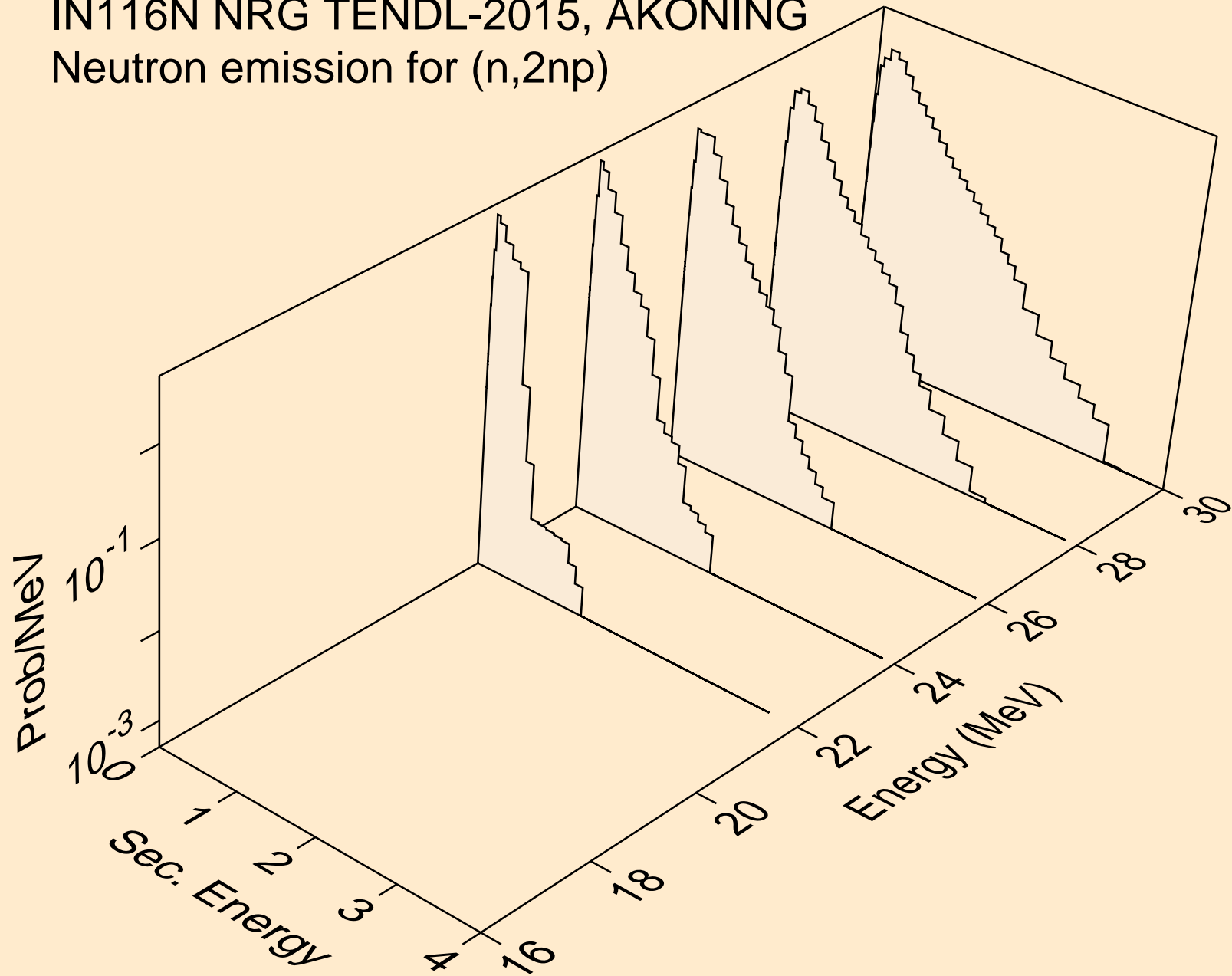
IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



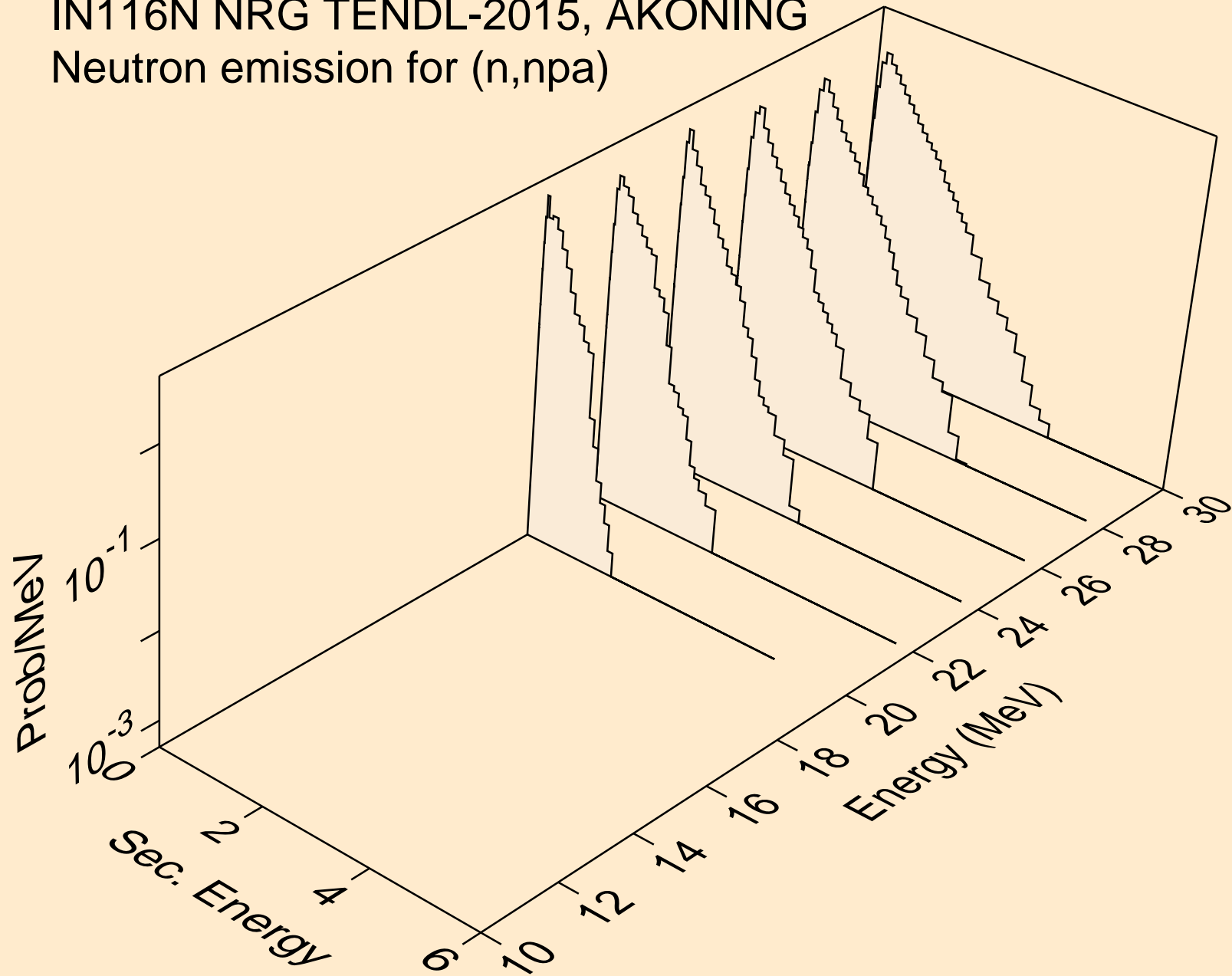
IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



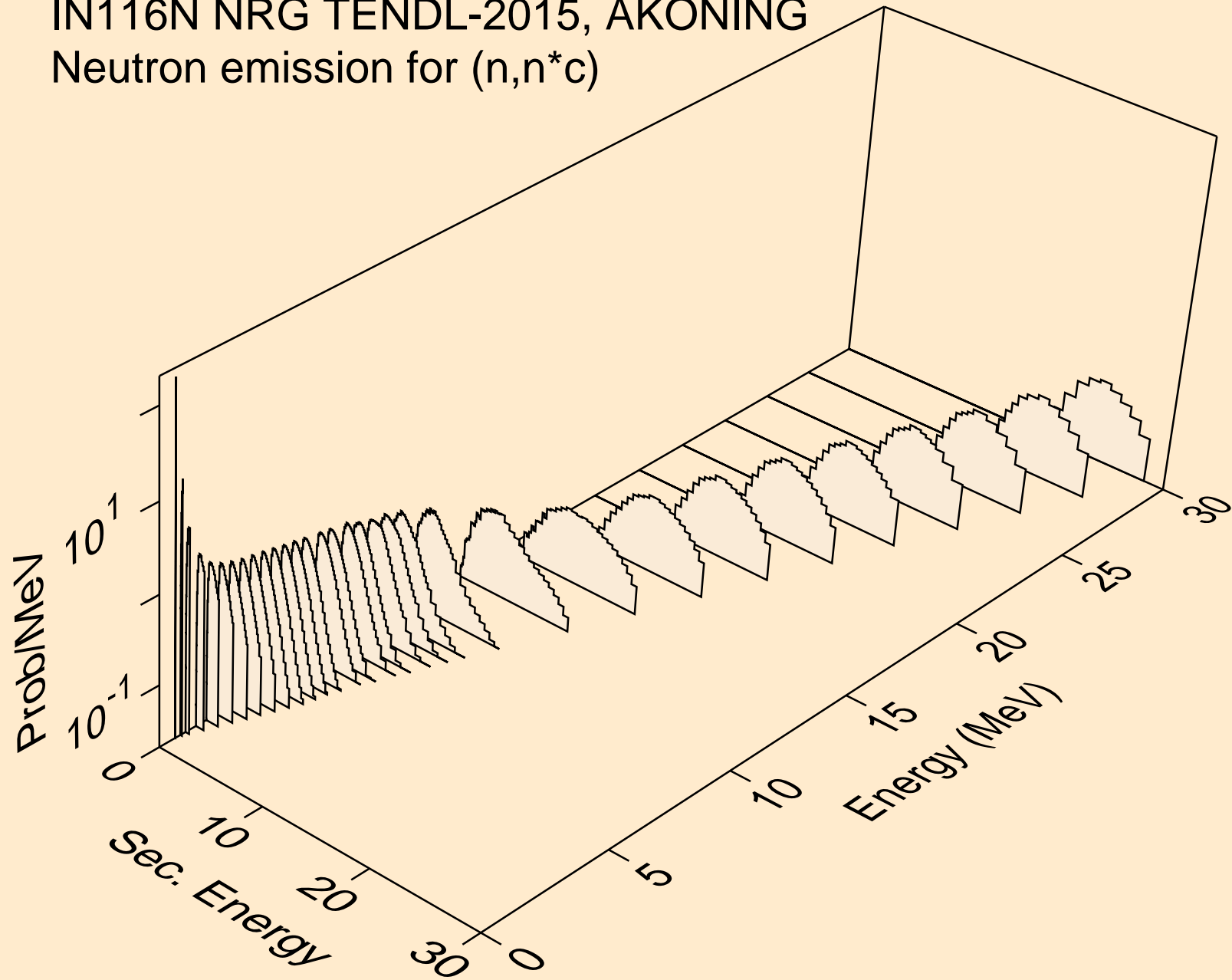
IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



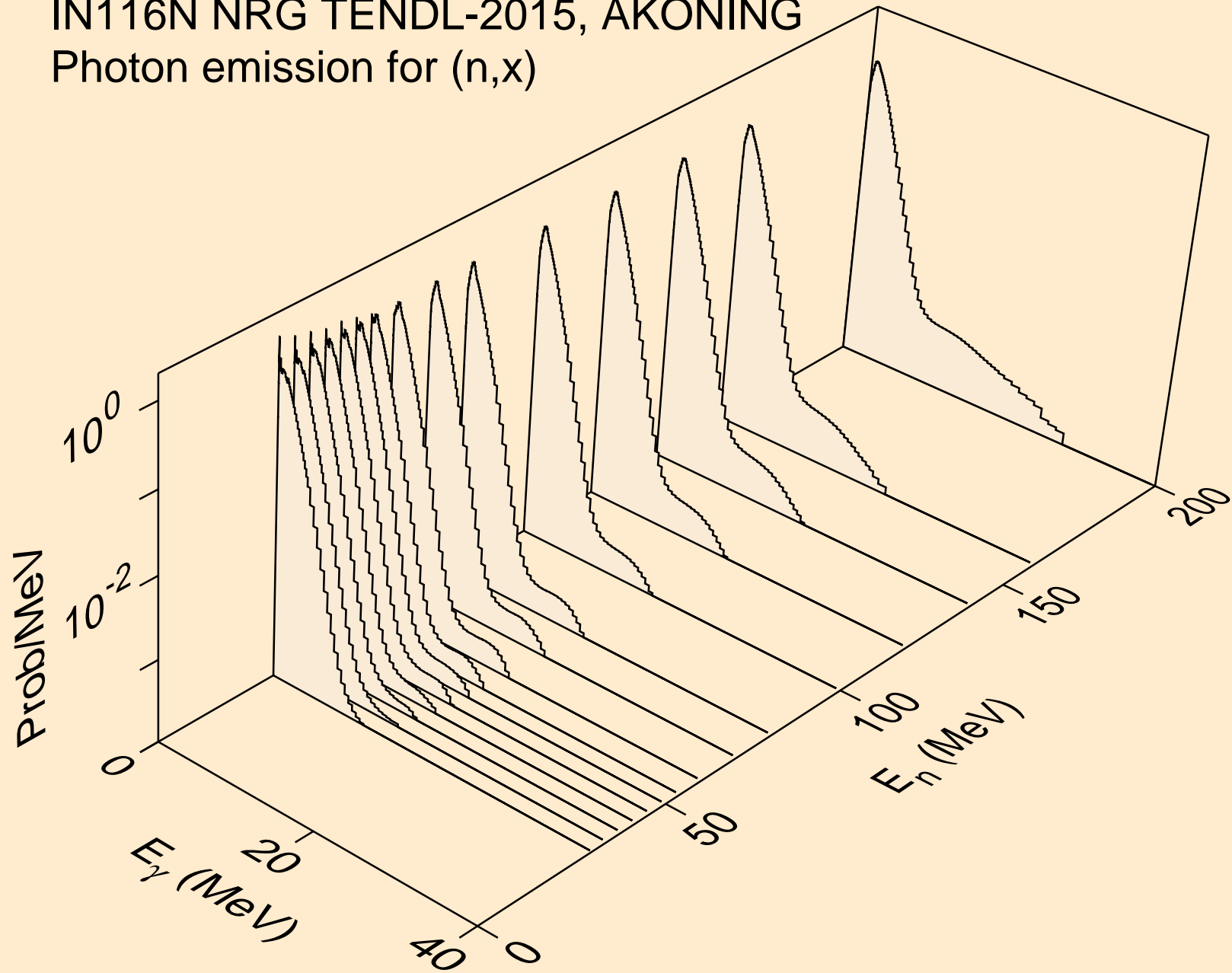
IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



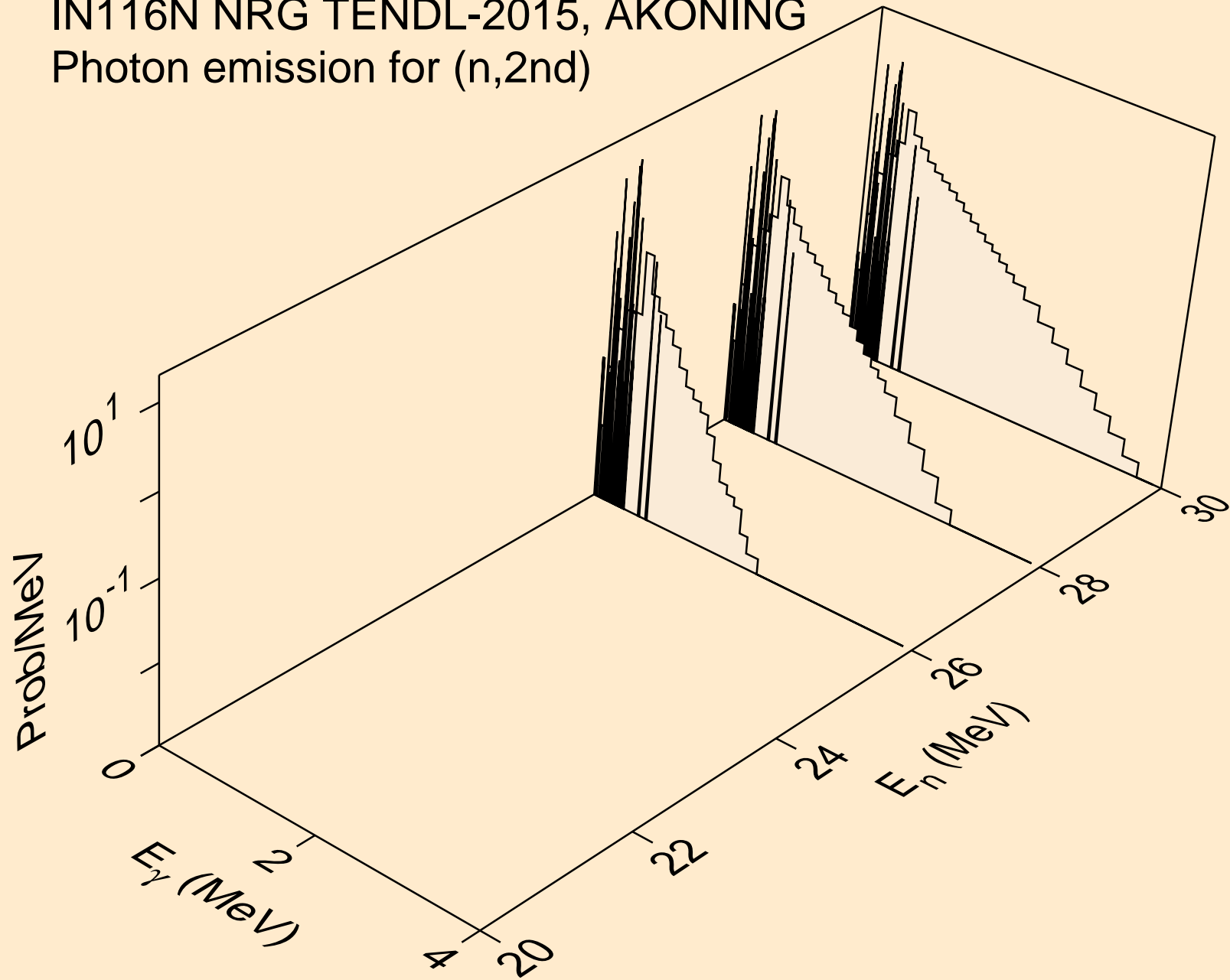
IN116N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,x)

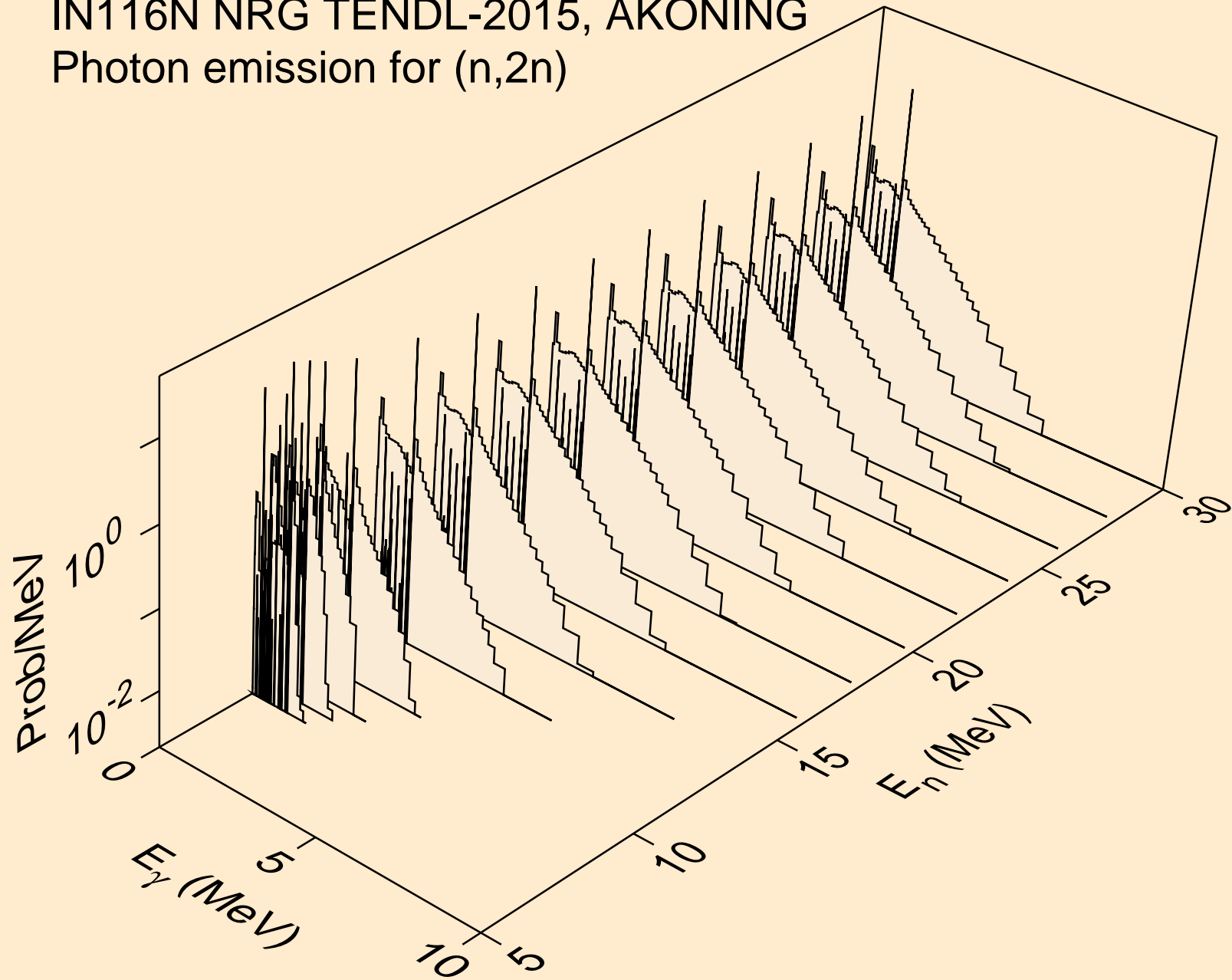


IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

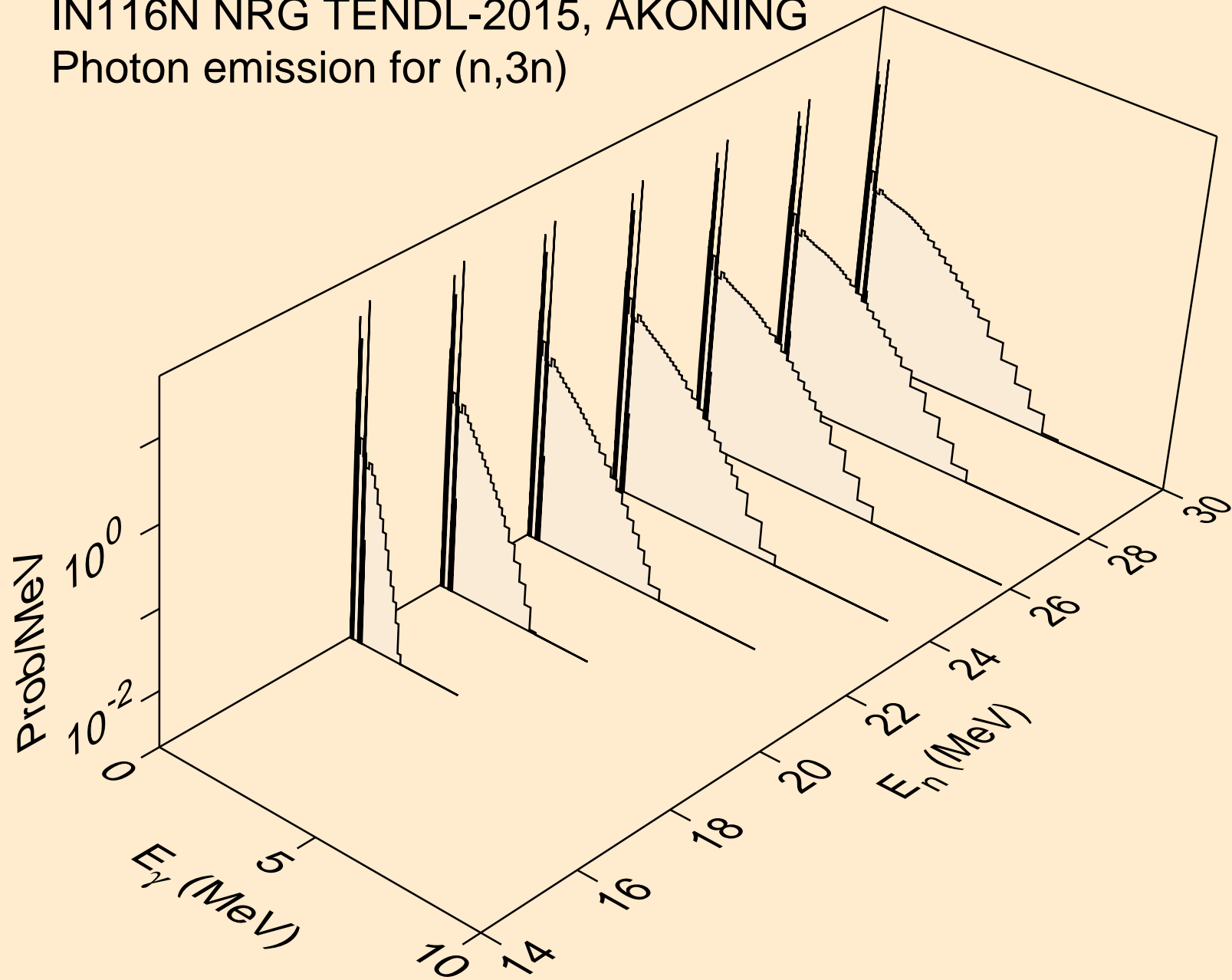




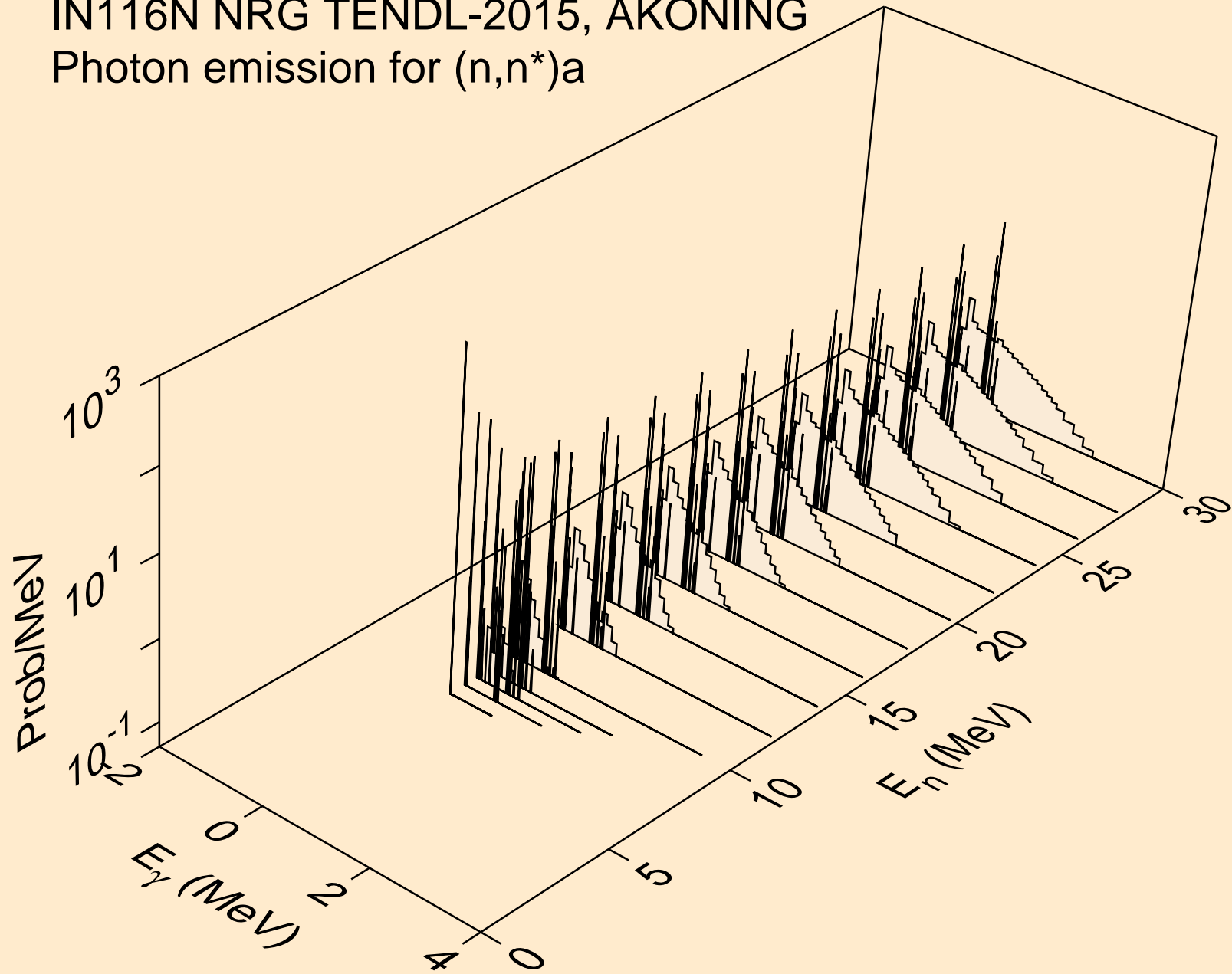
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



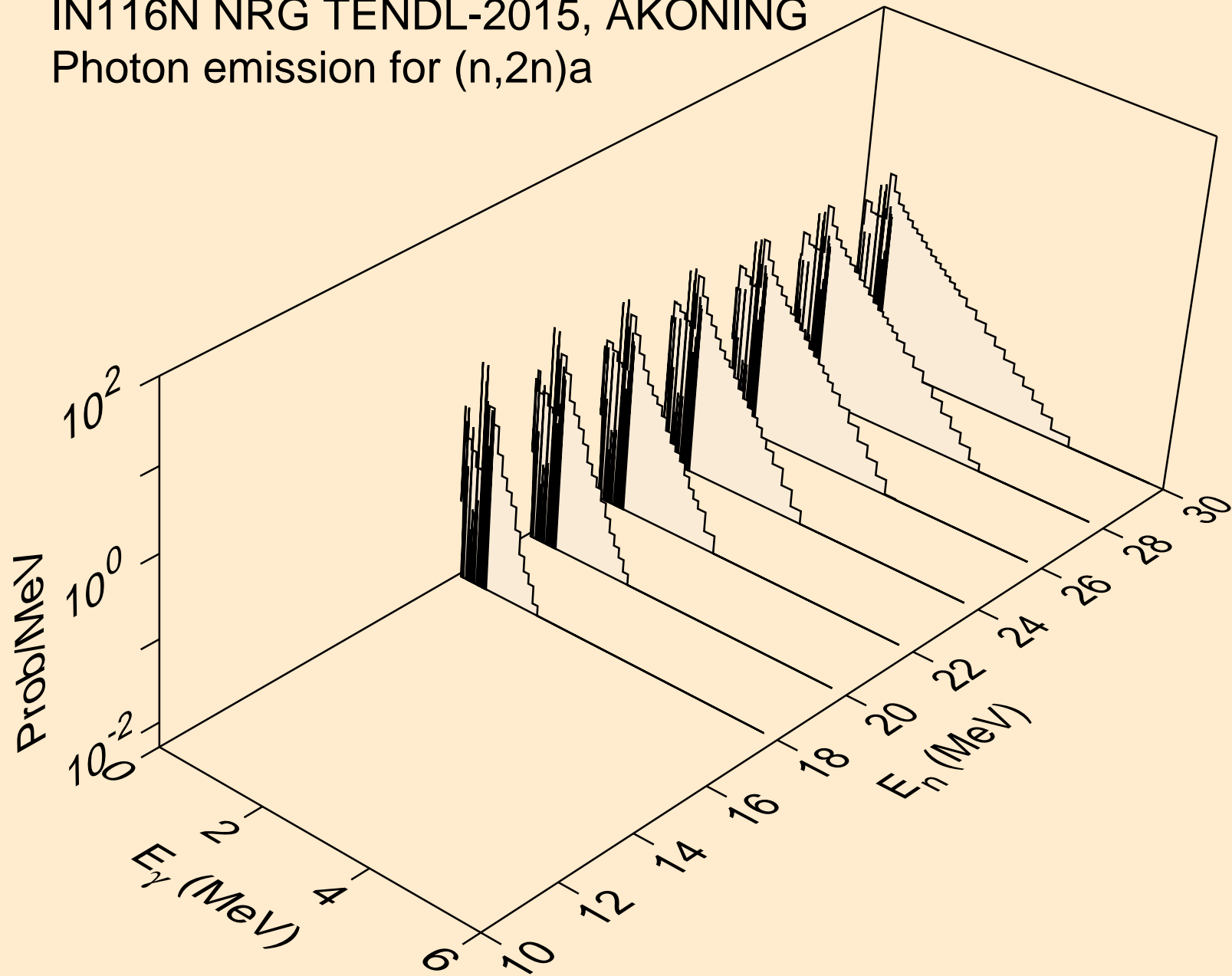
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



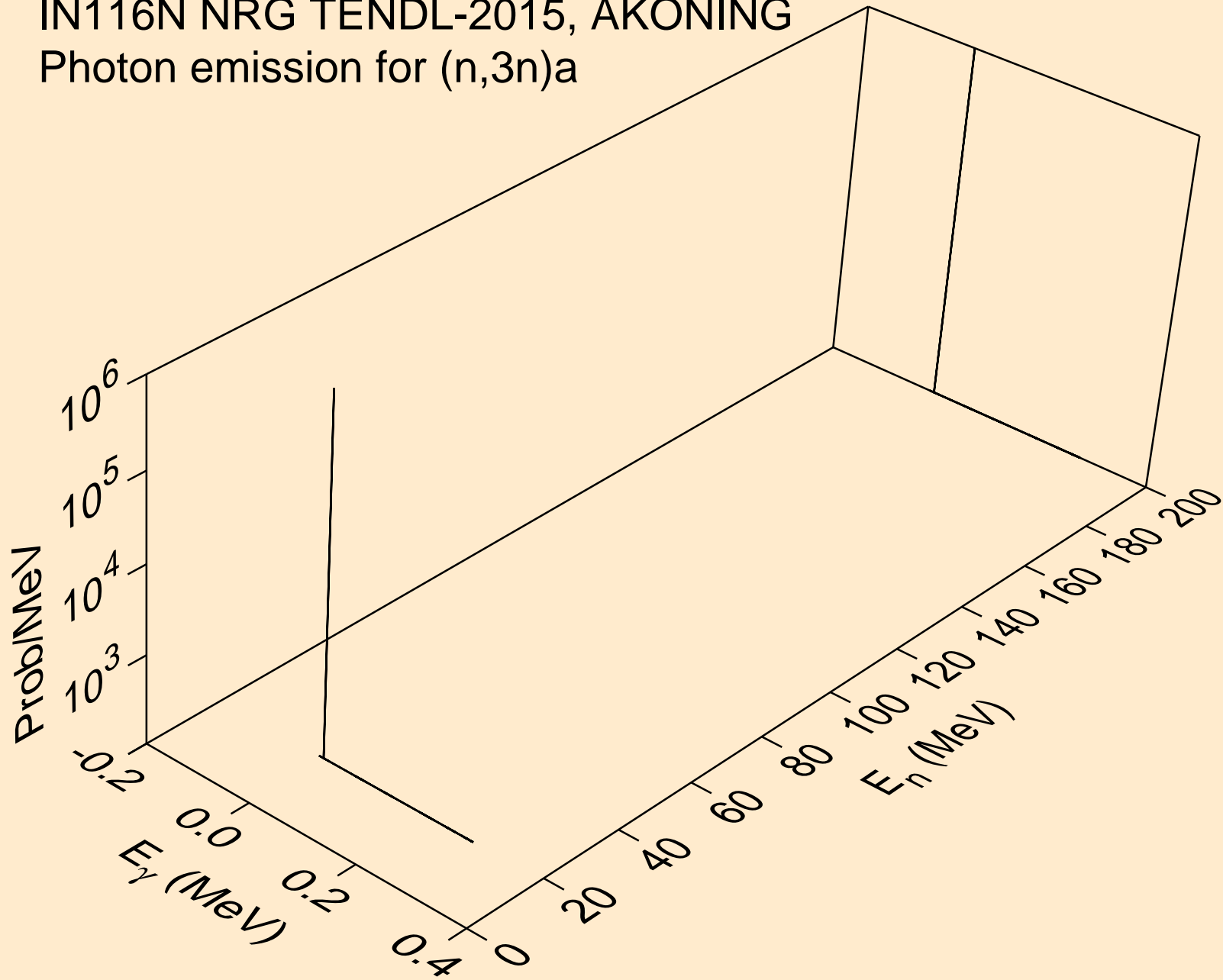
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



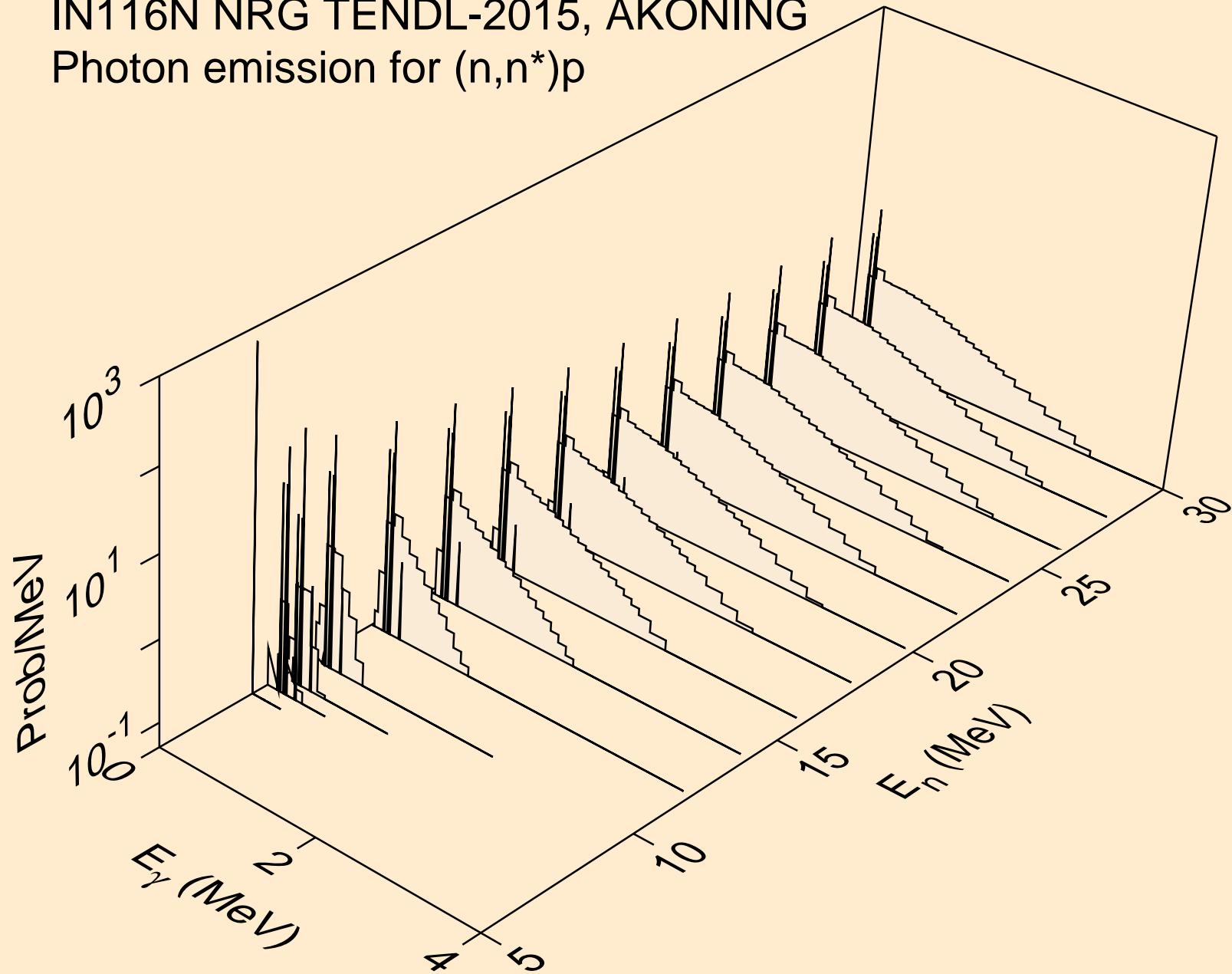
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



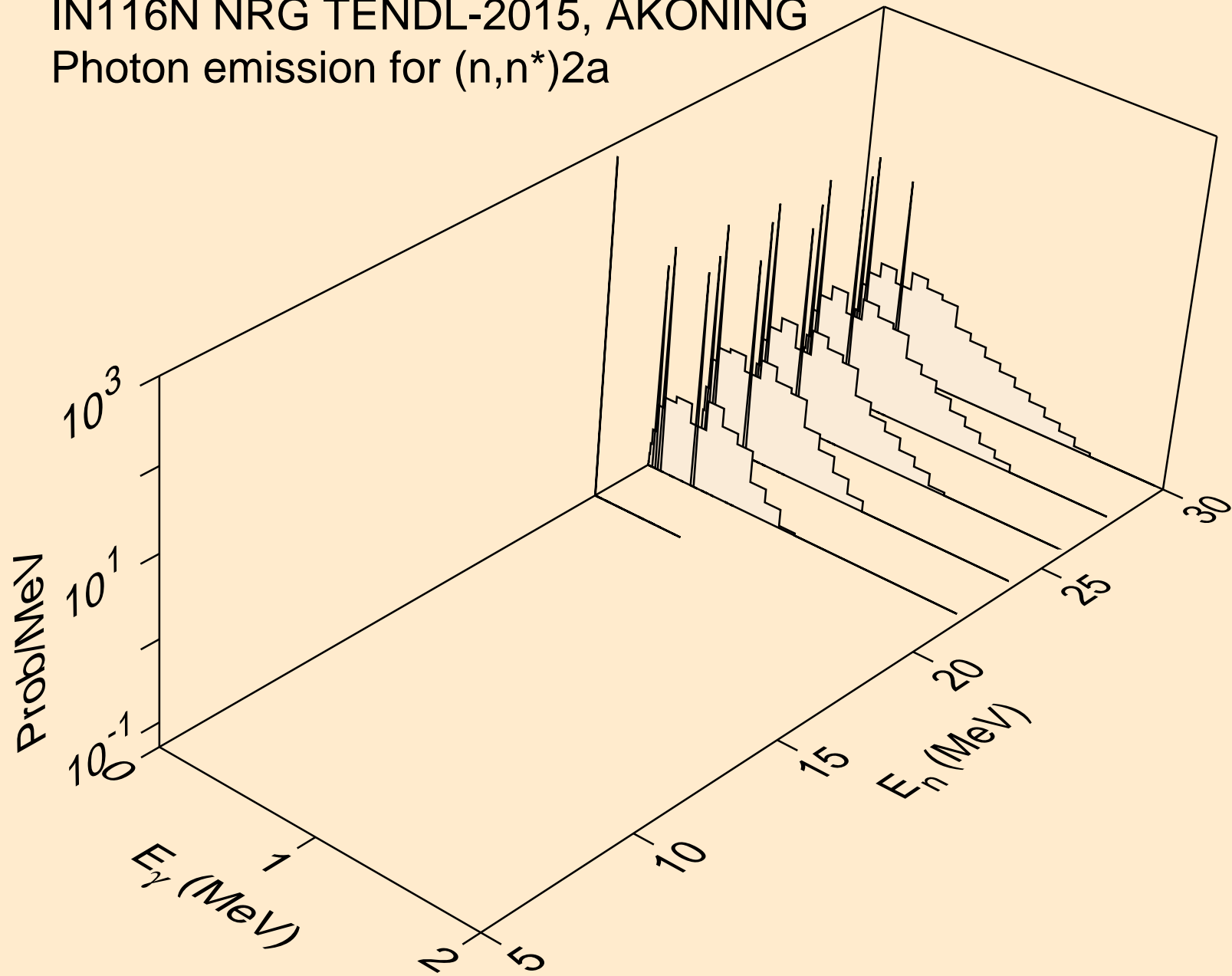
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



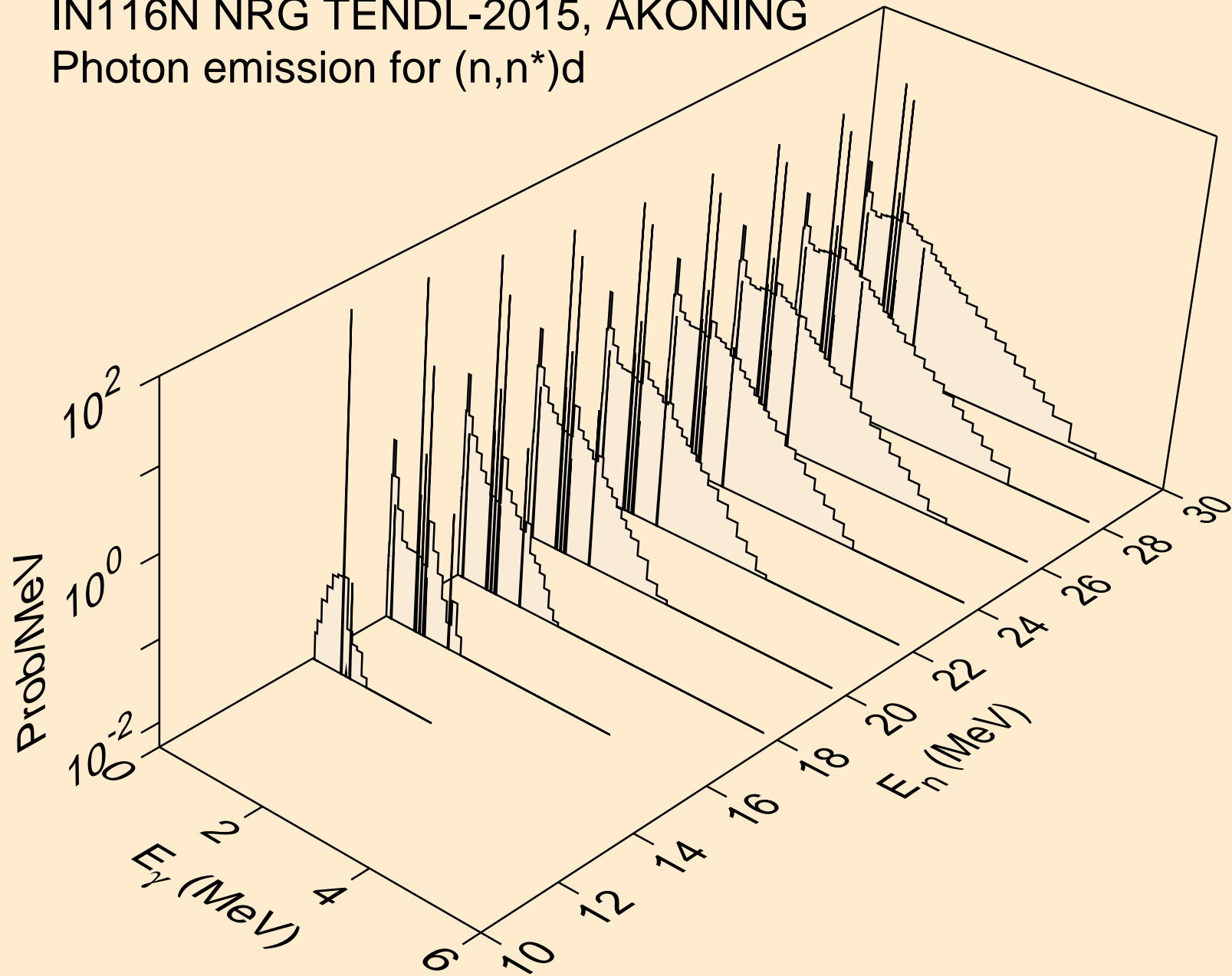
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

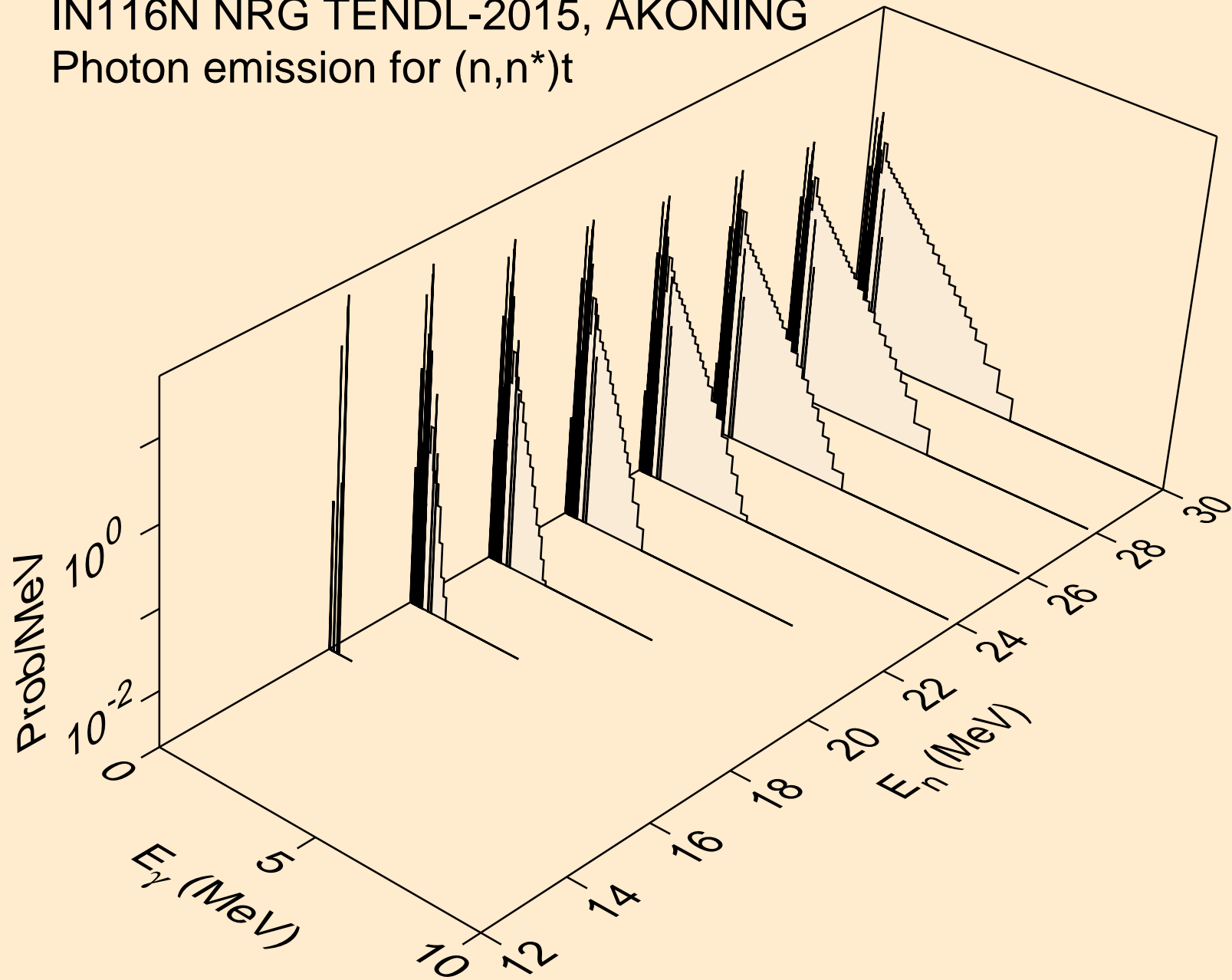


IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

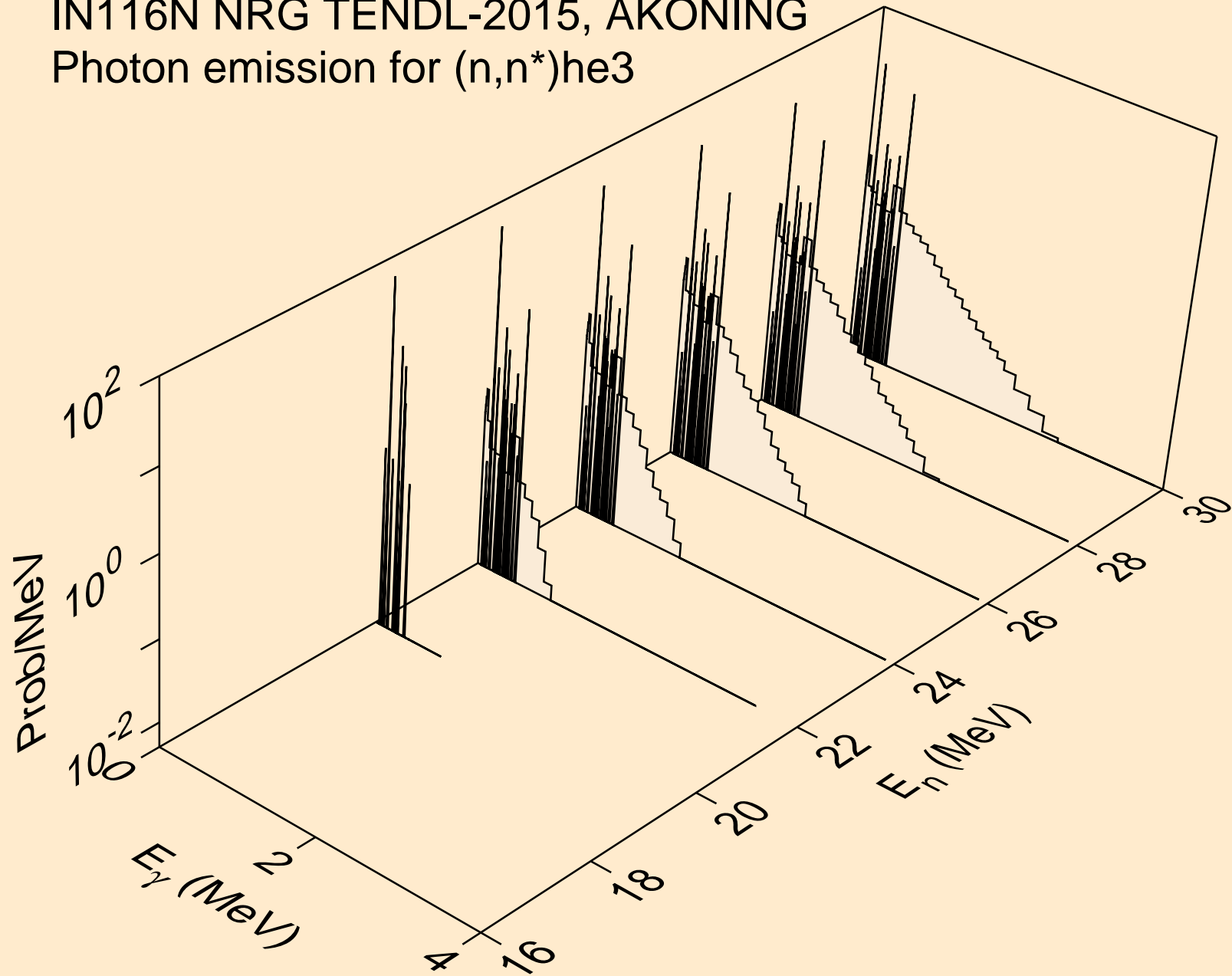




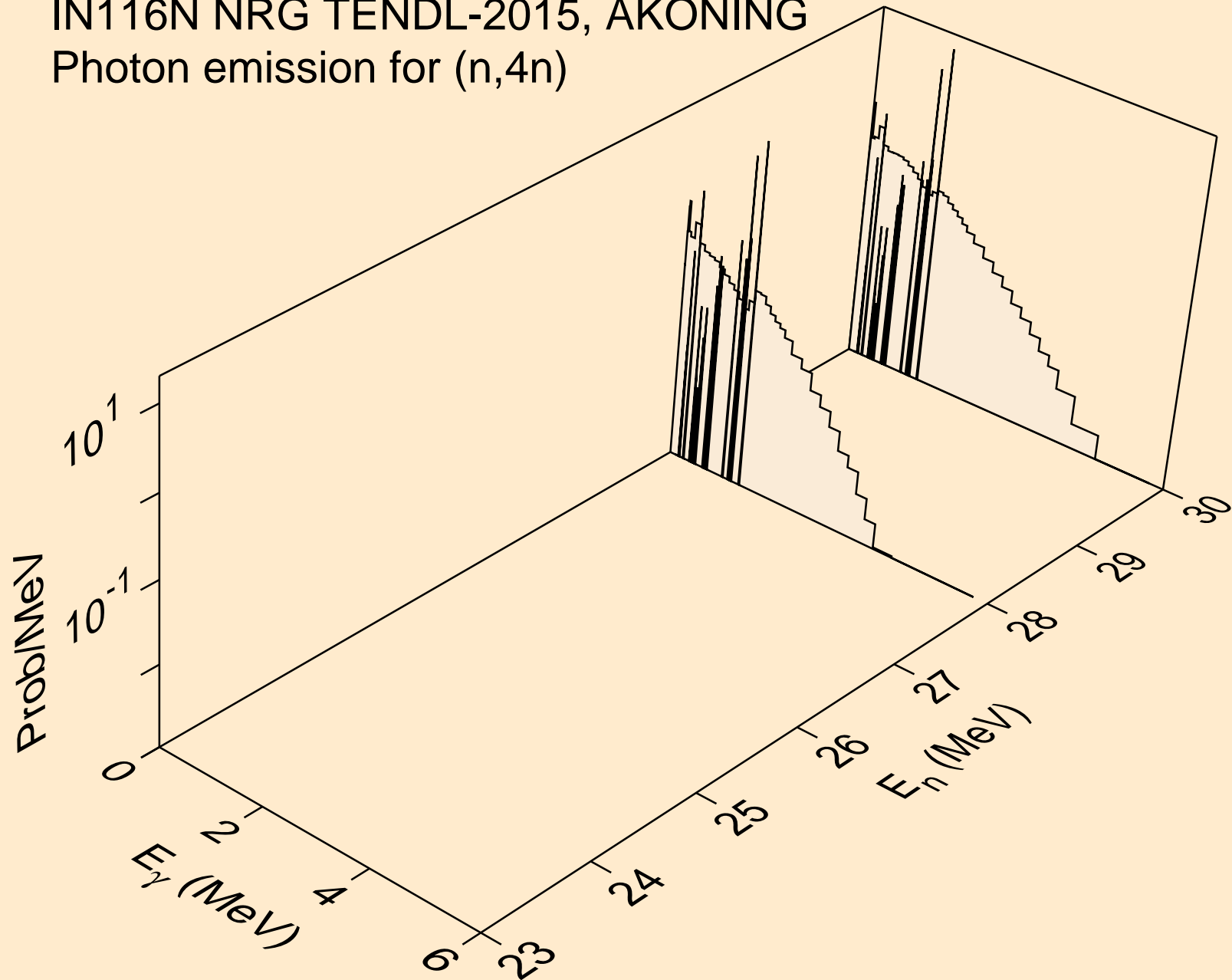
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



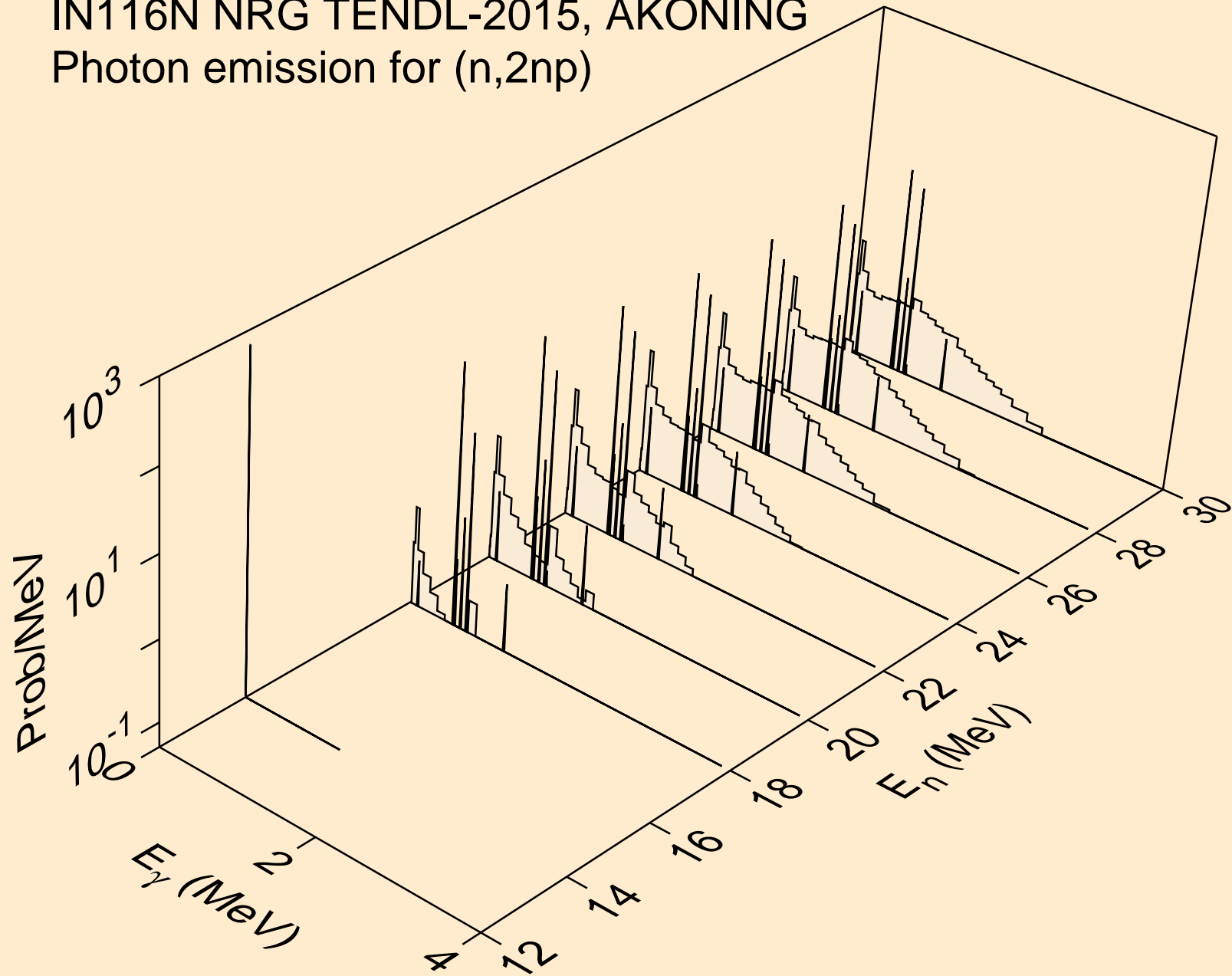
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



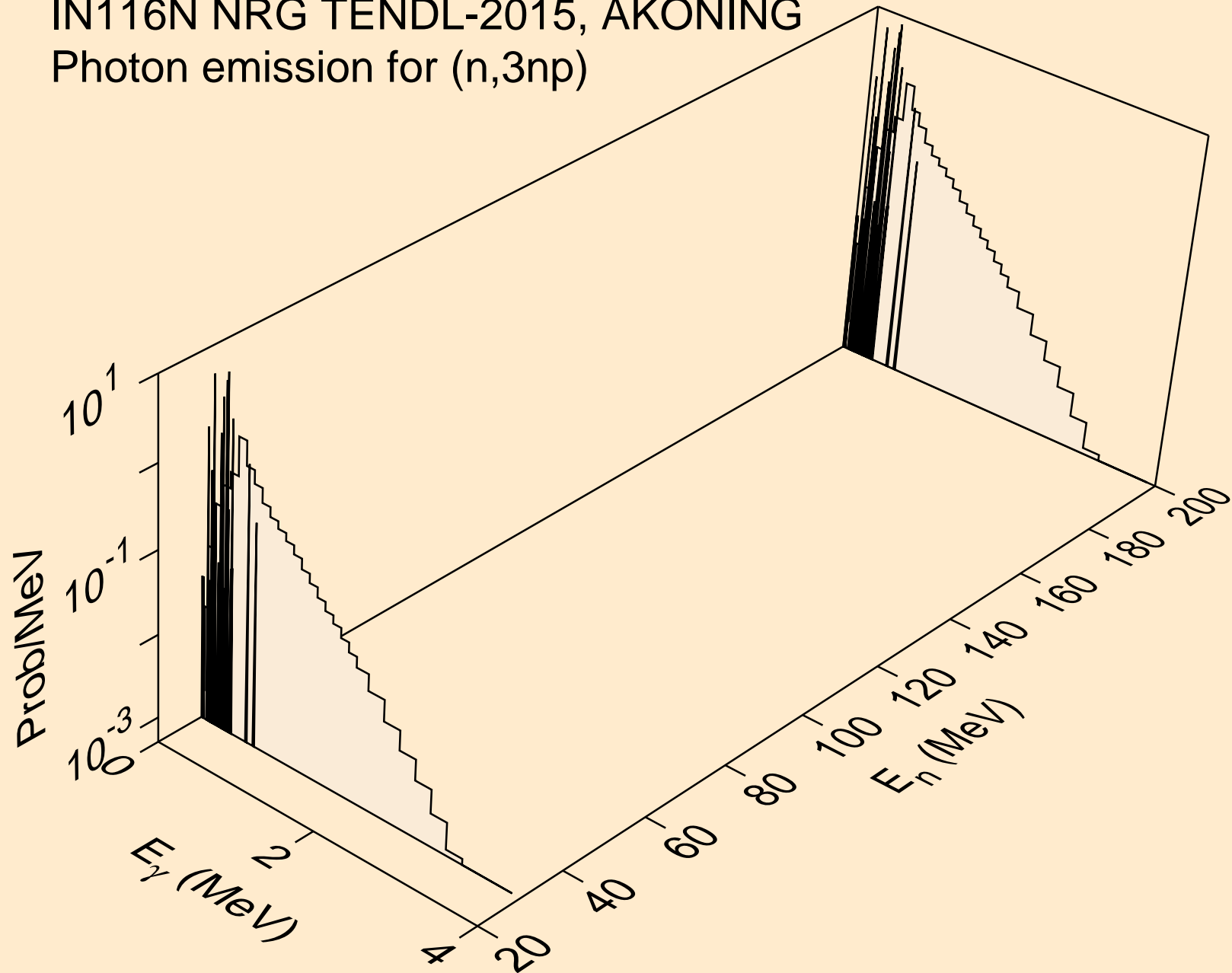
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



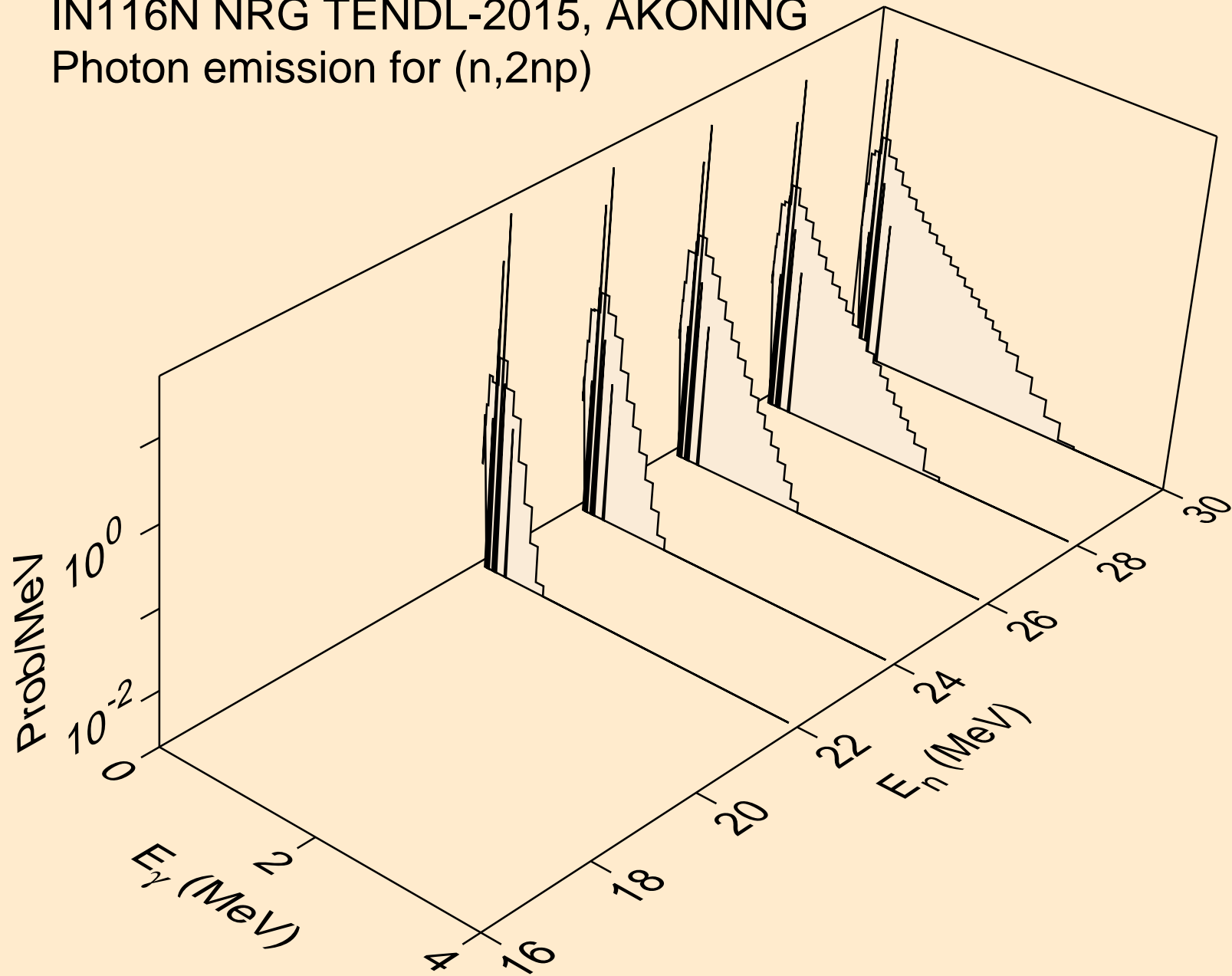
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



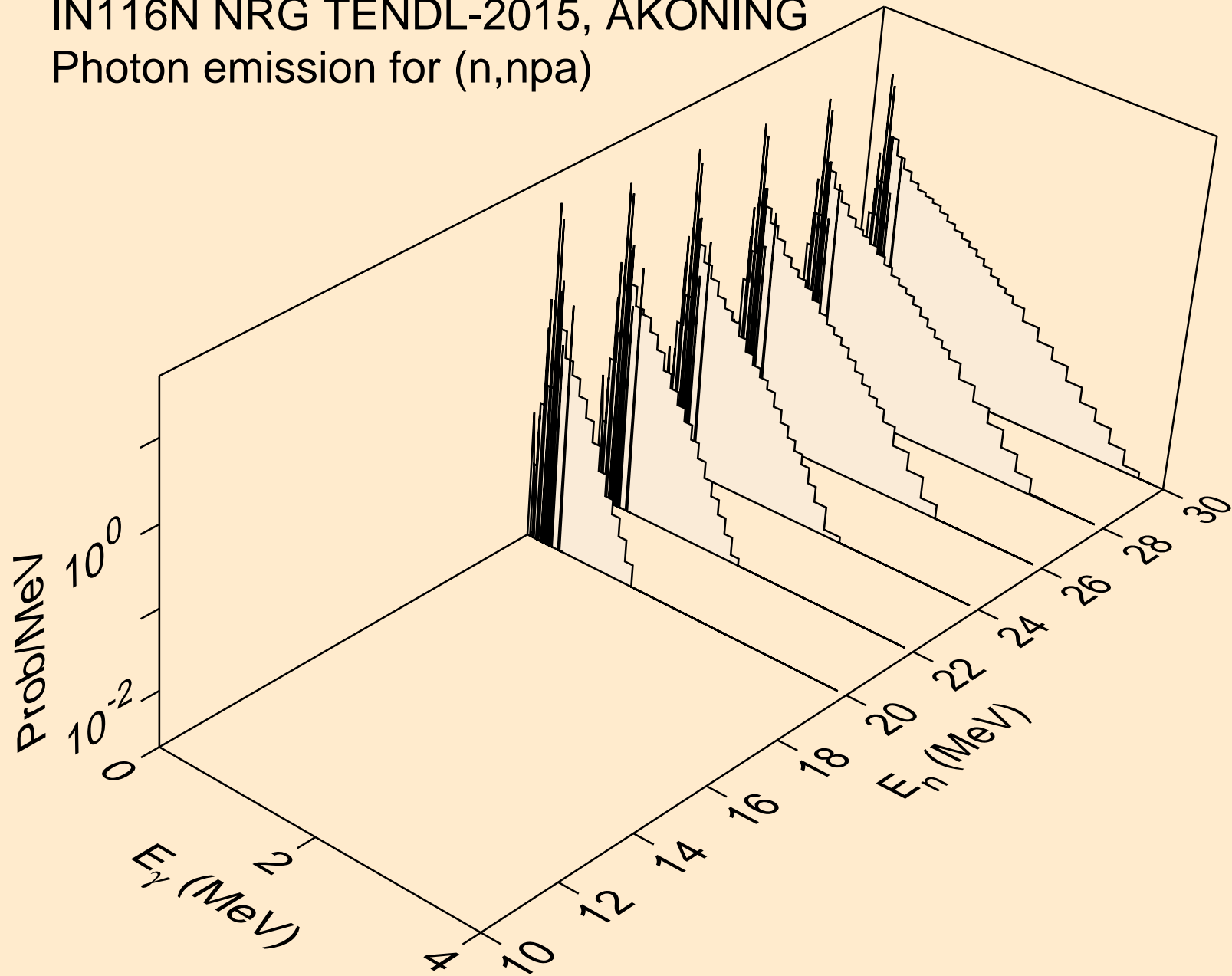
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



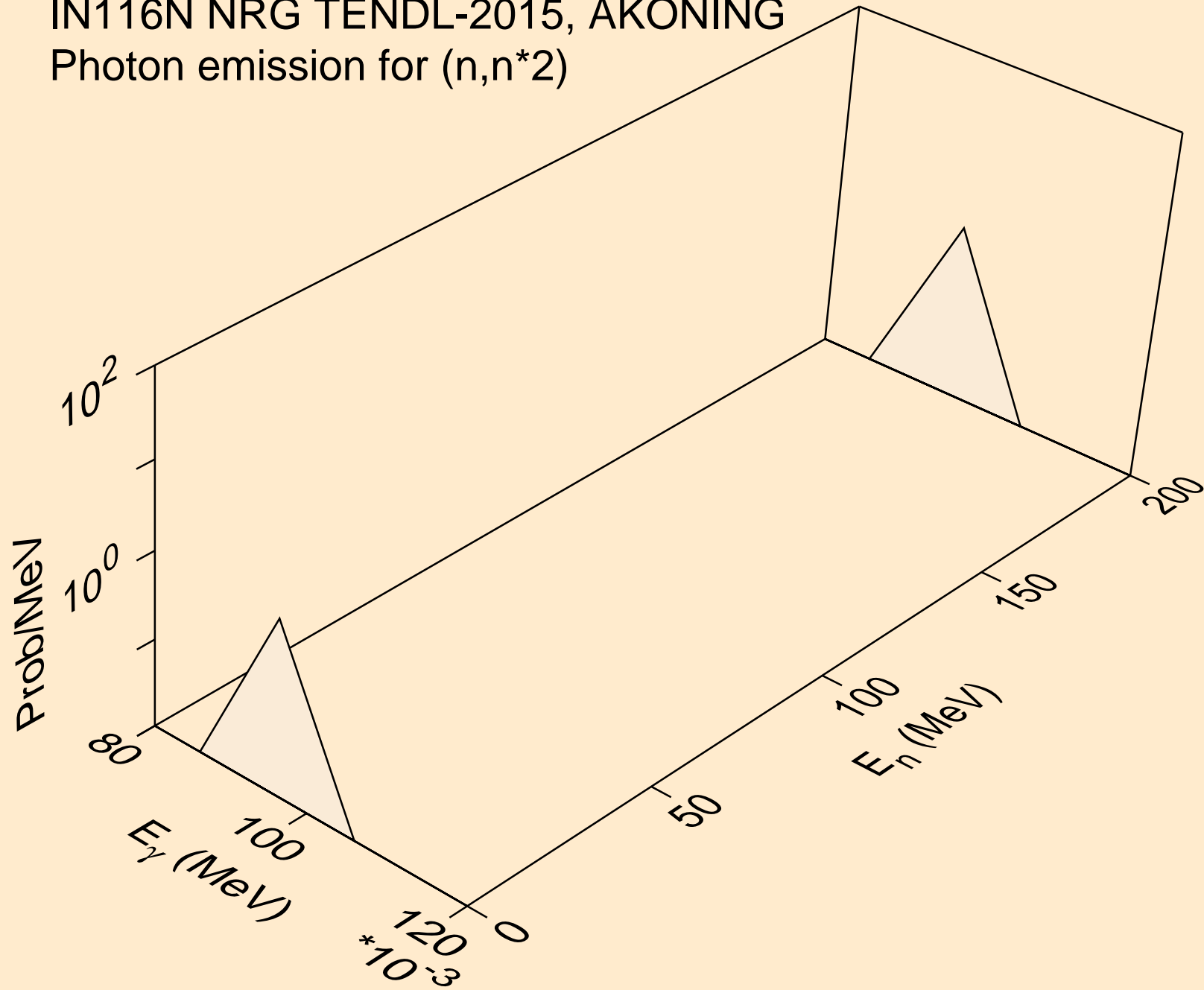
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

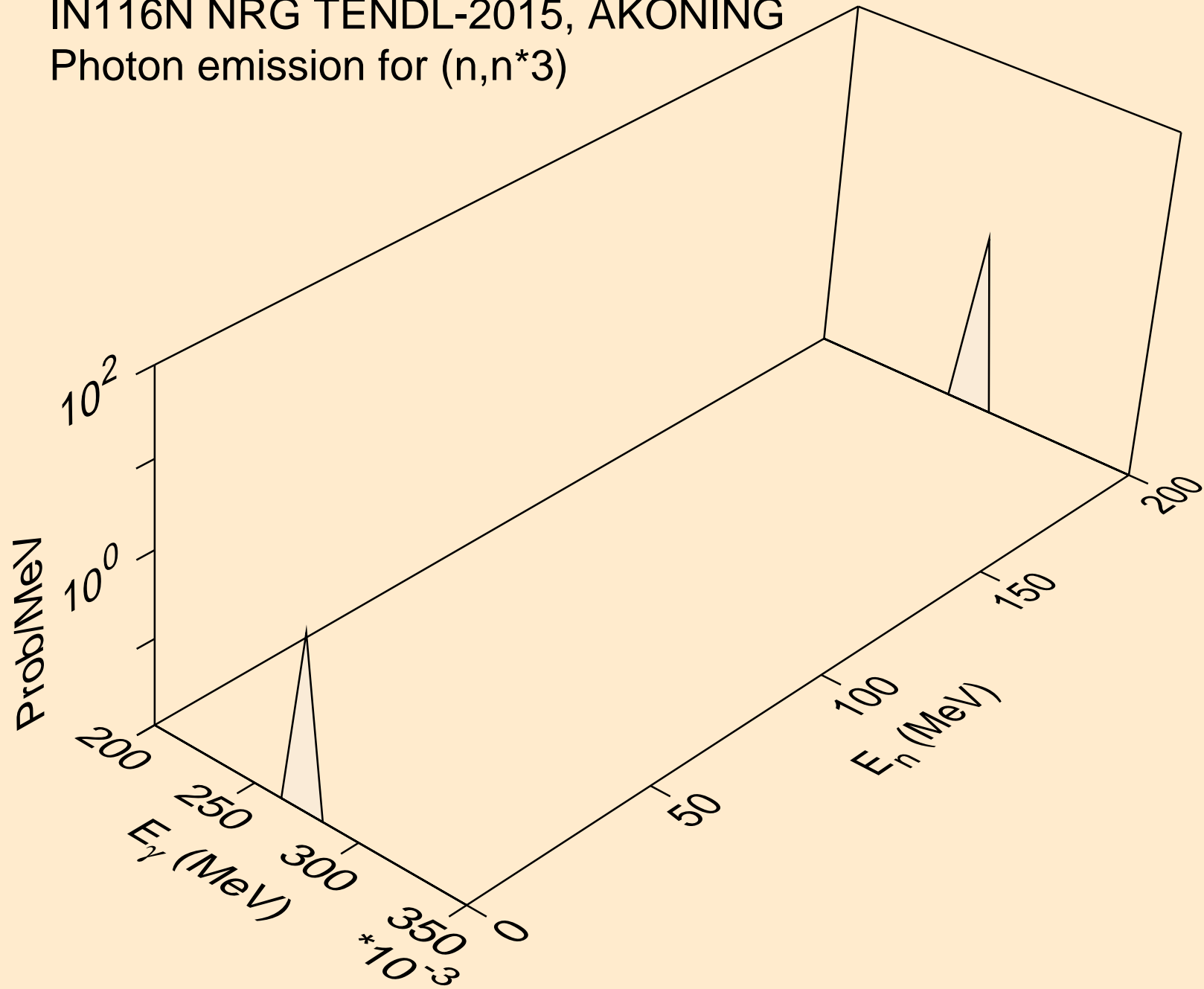


IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)

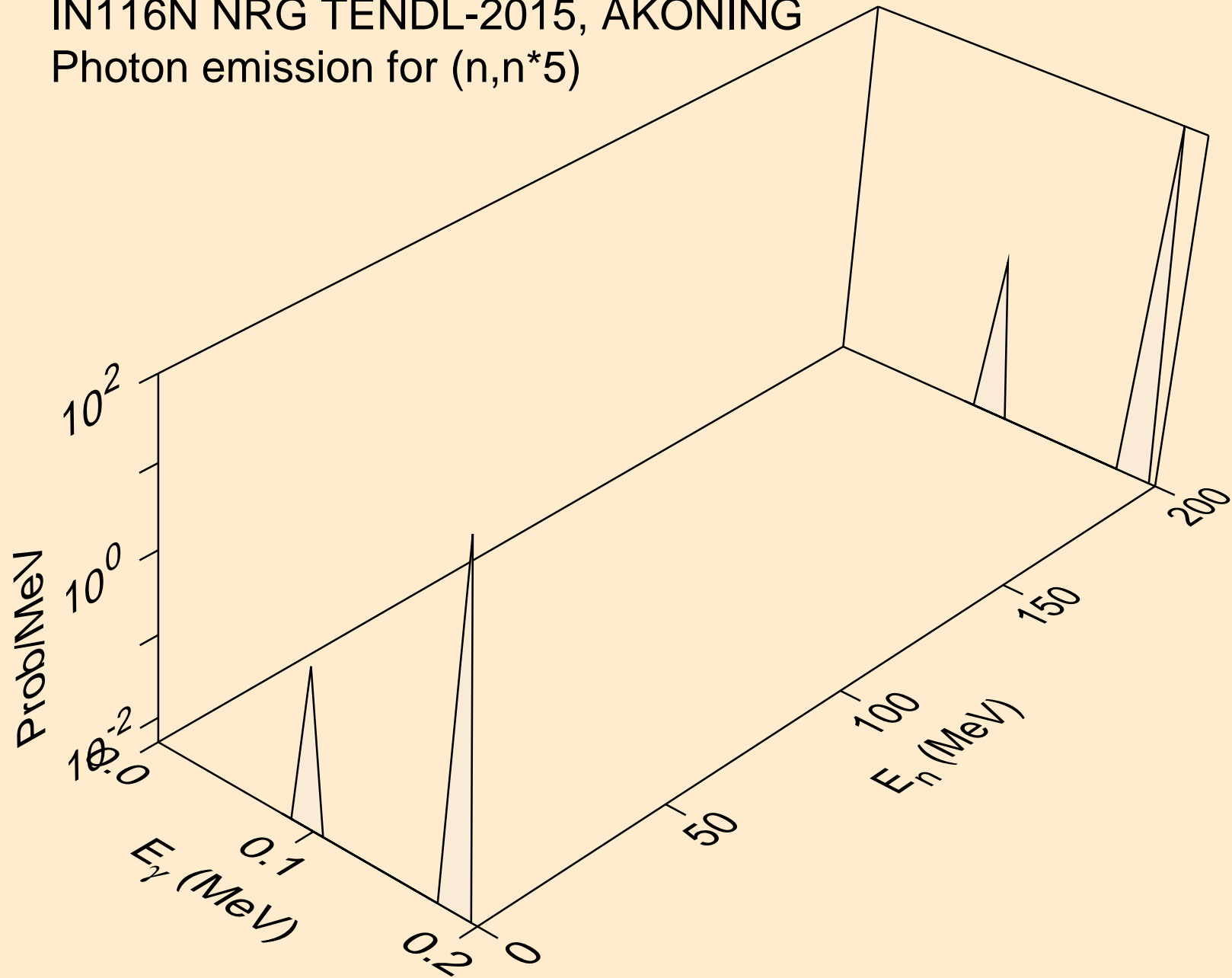




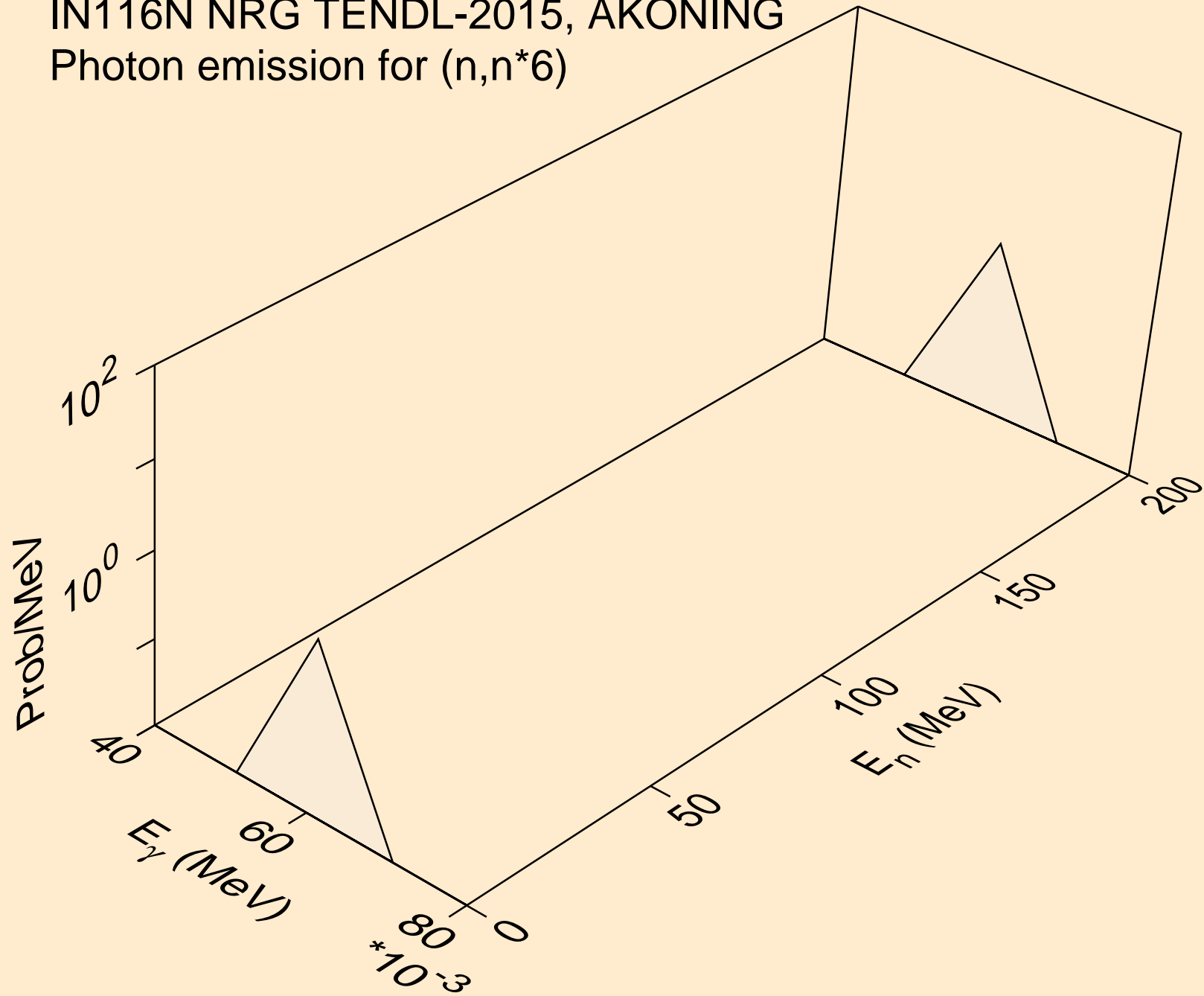
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Photon emission for (n,n\*3)



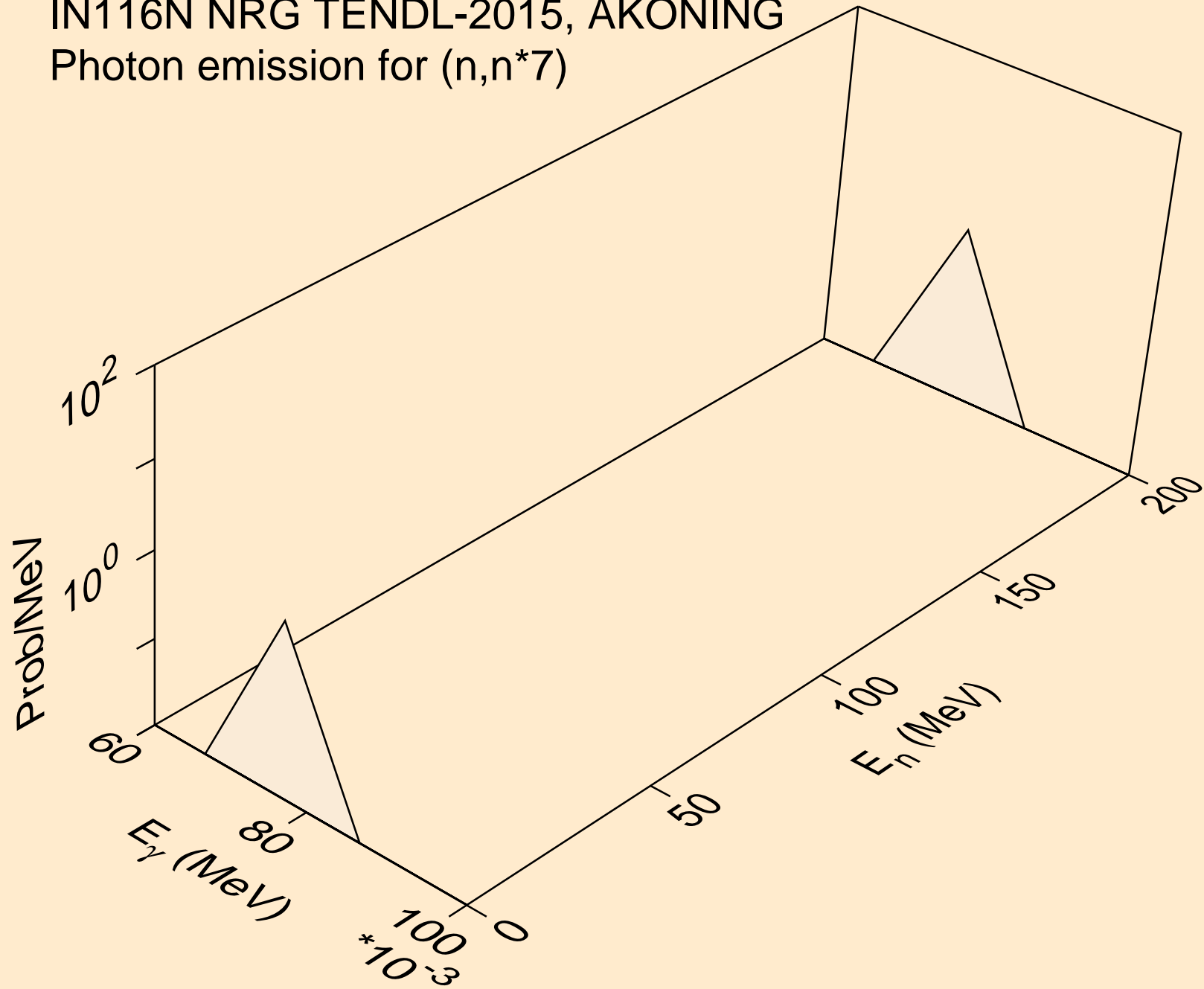
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Photon emission for (n,n\*5)



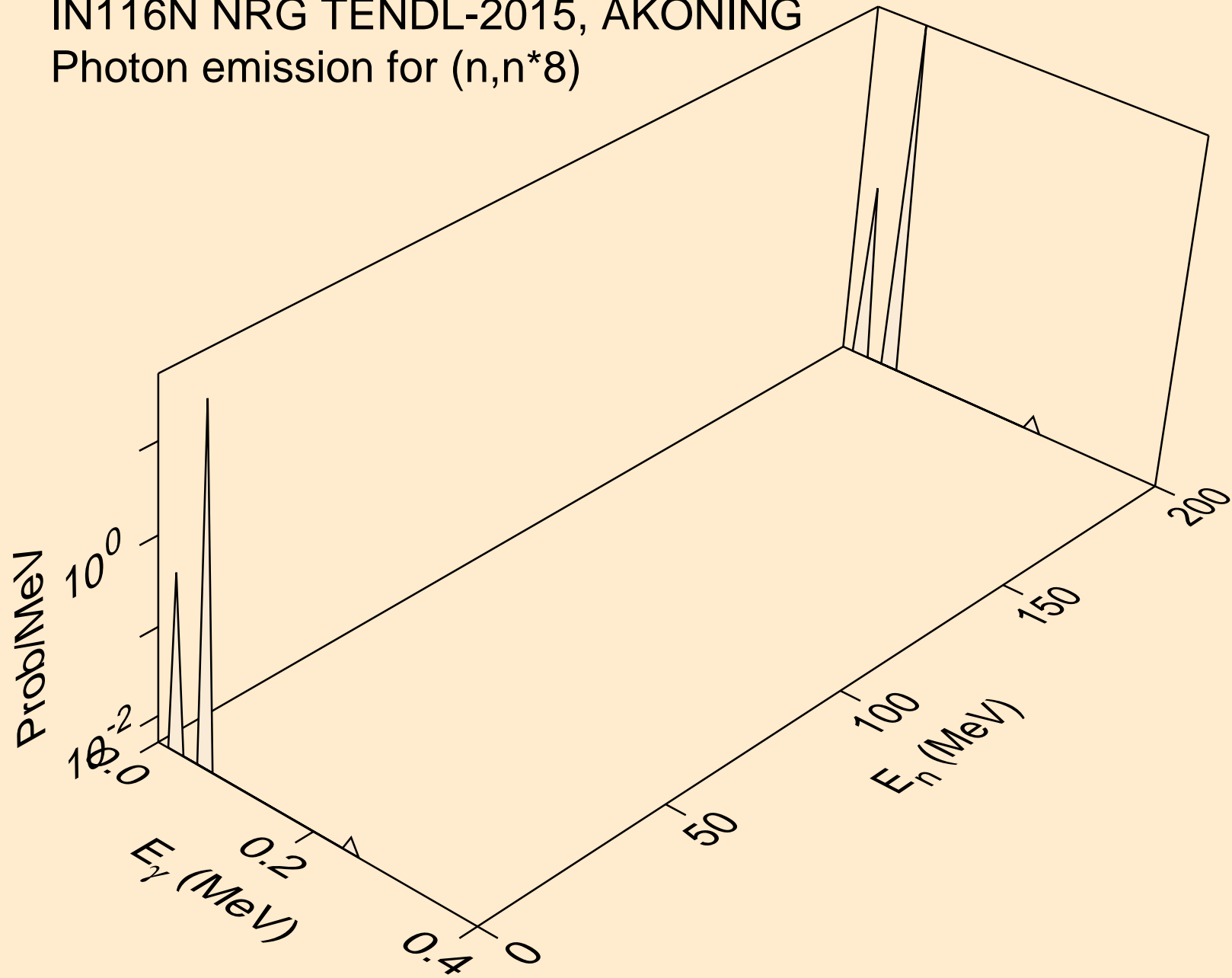
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Photon emission for (n,n\*6)



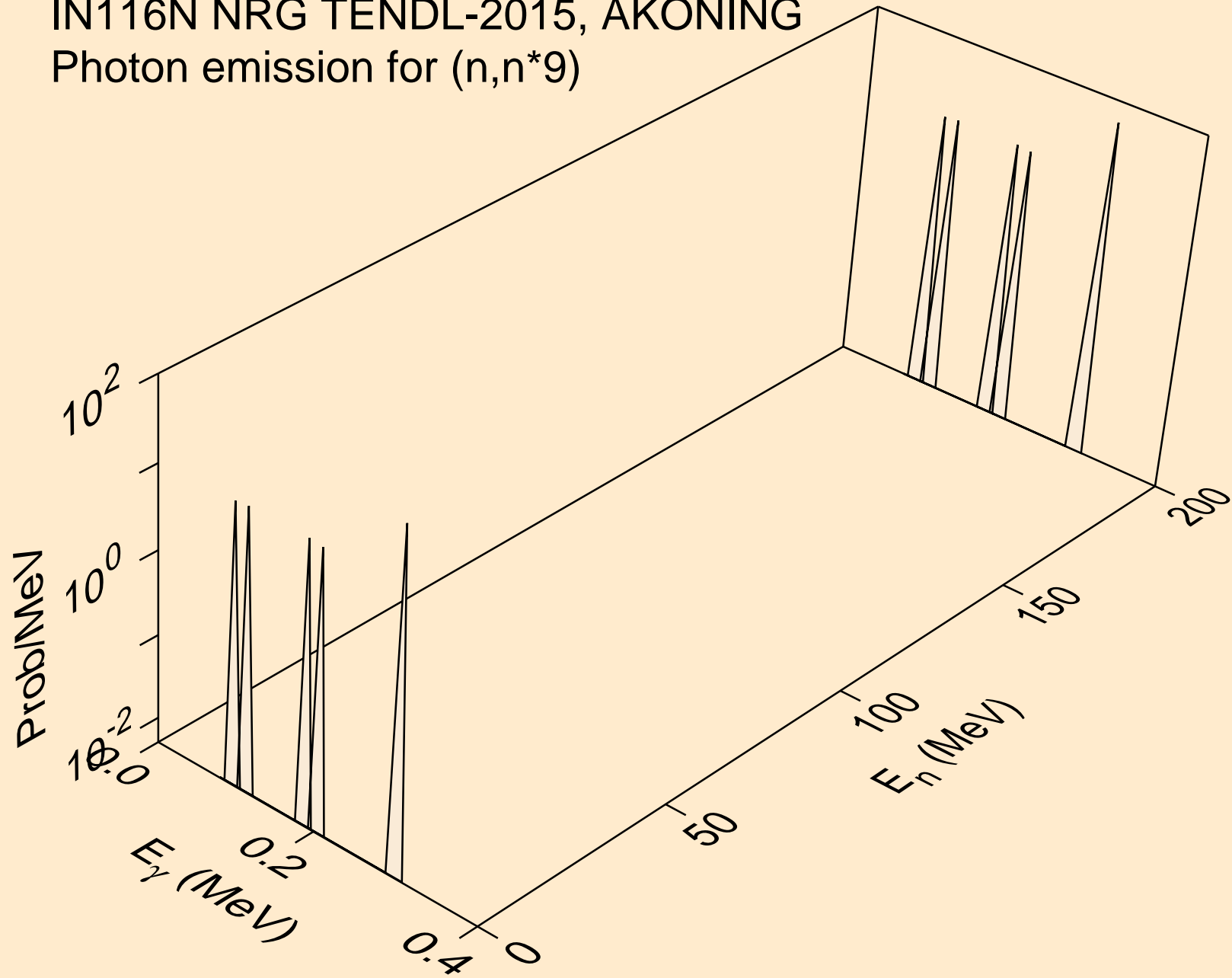
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Photon emission for (n,n\*7)



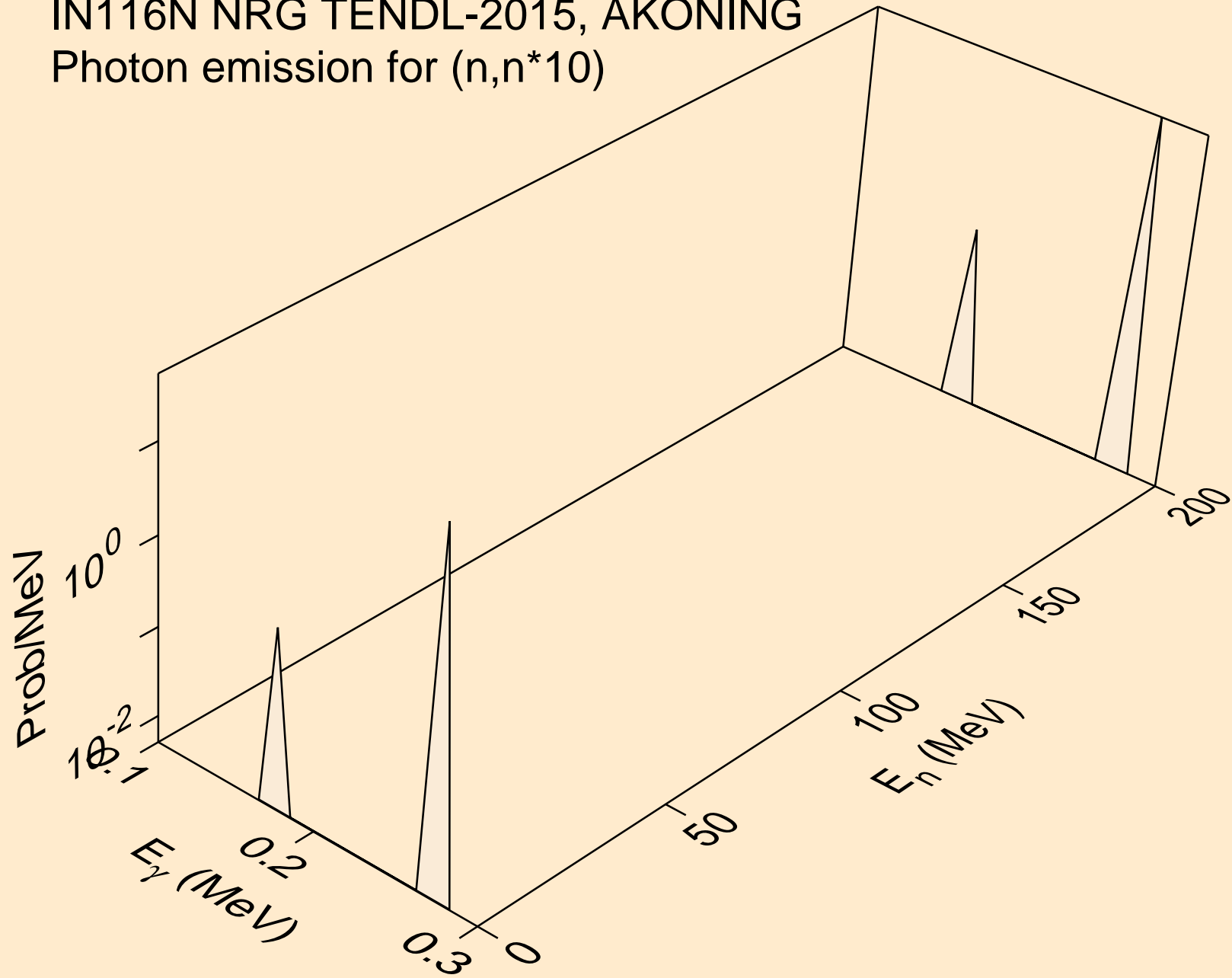
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Photon emission for (n,n\*8)



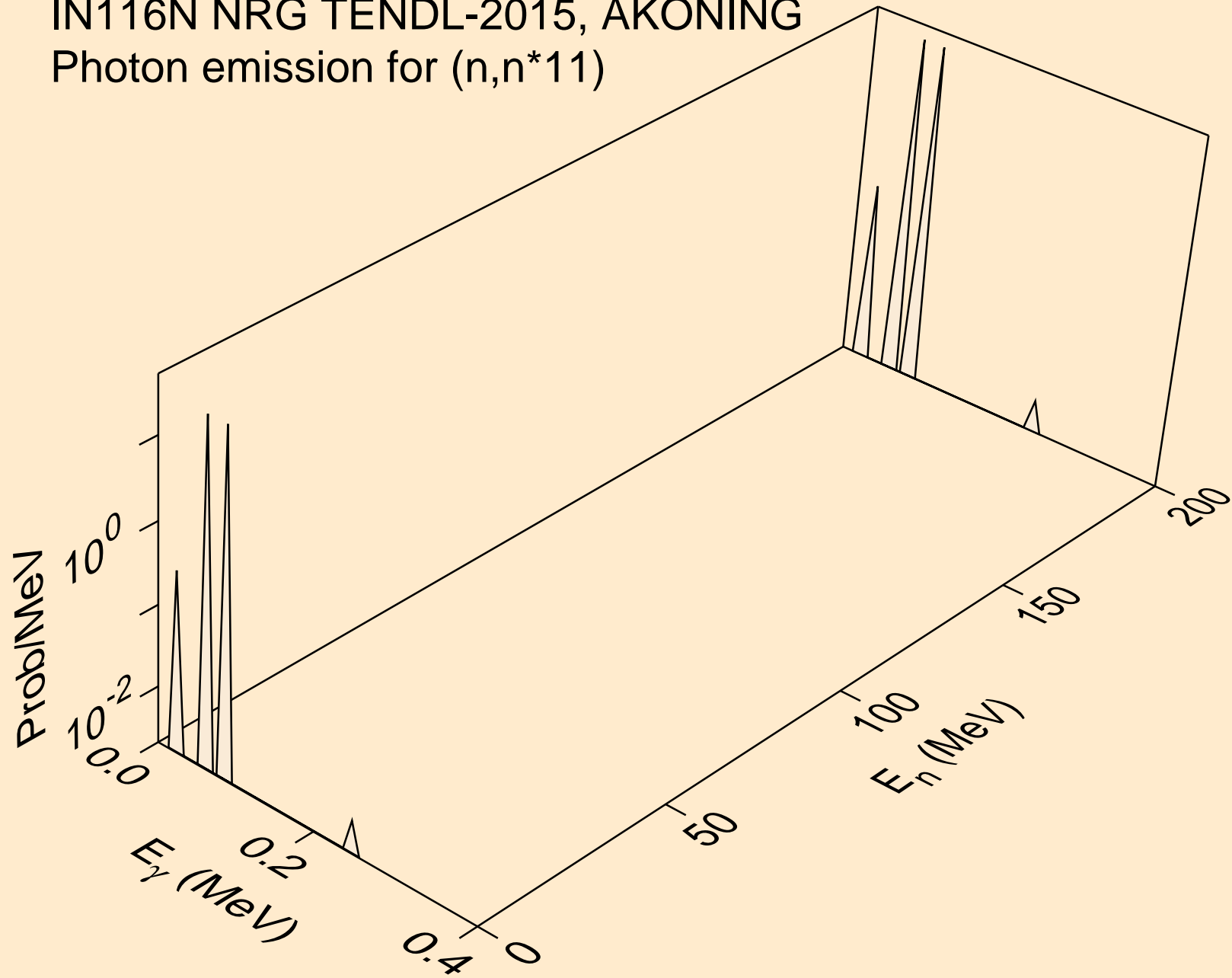
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)



IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)

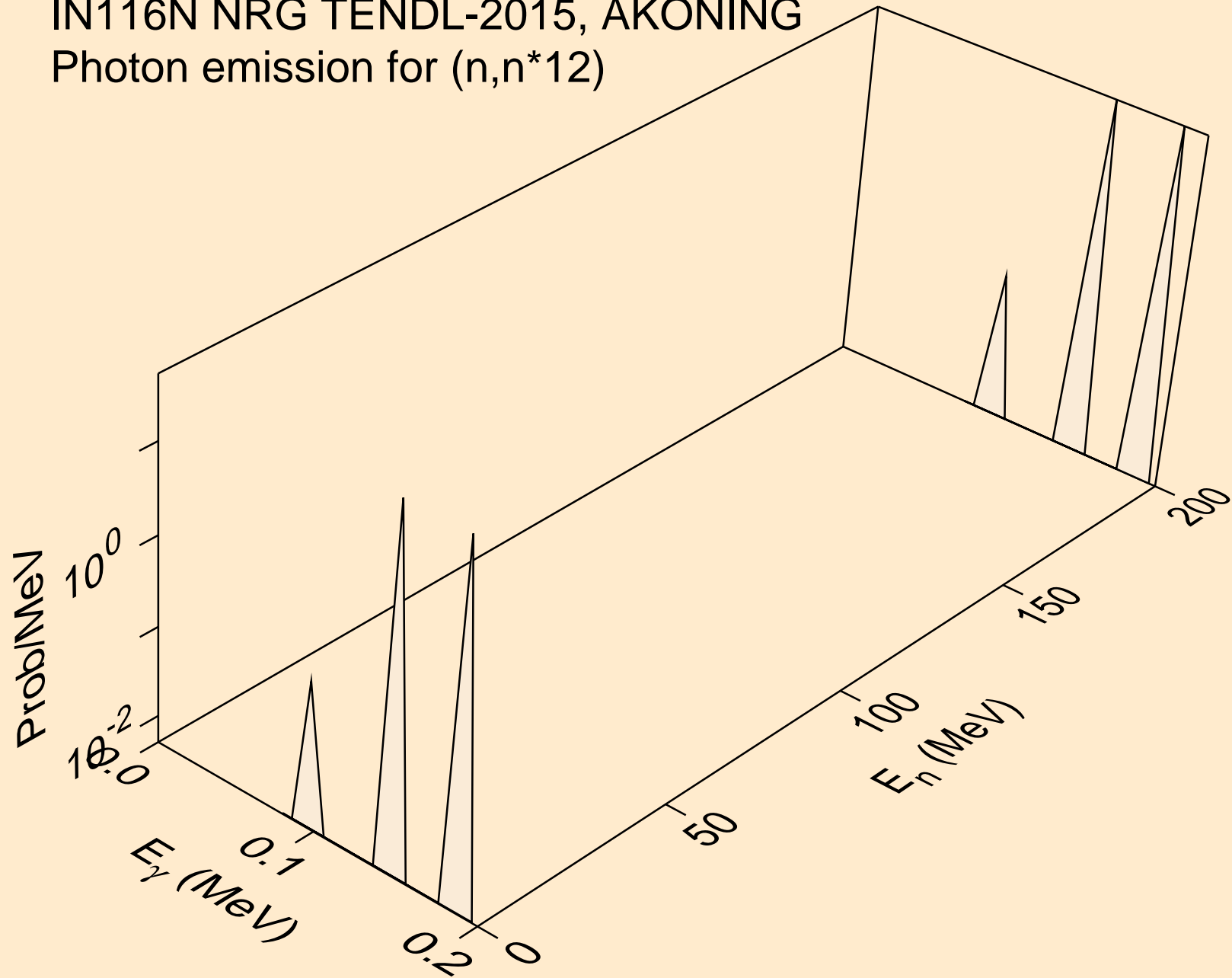


IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)

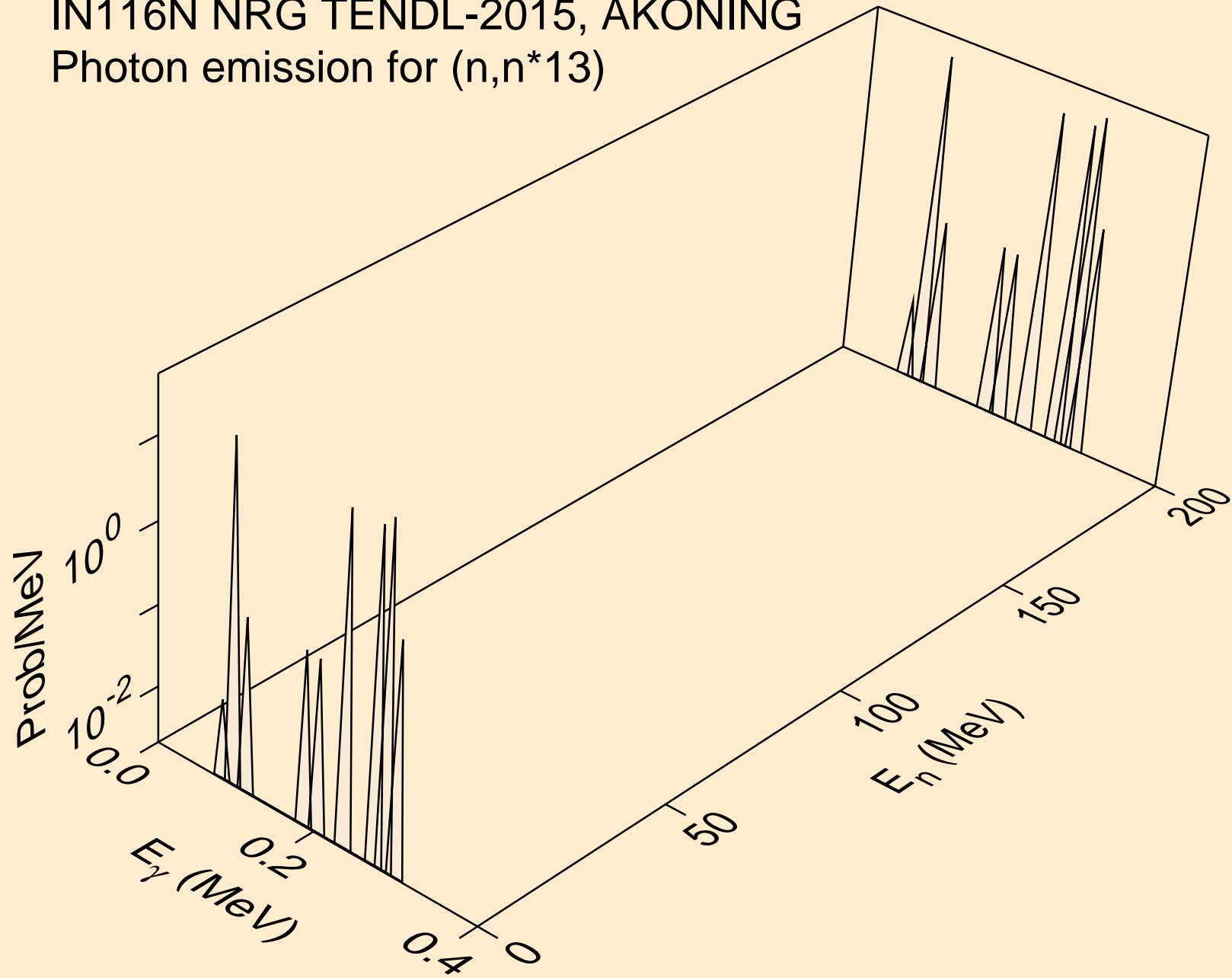




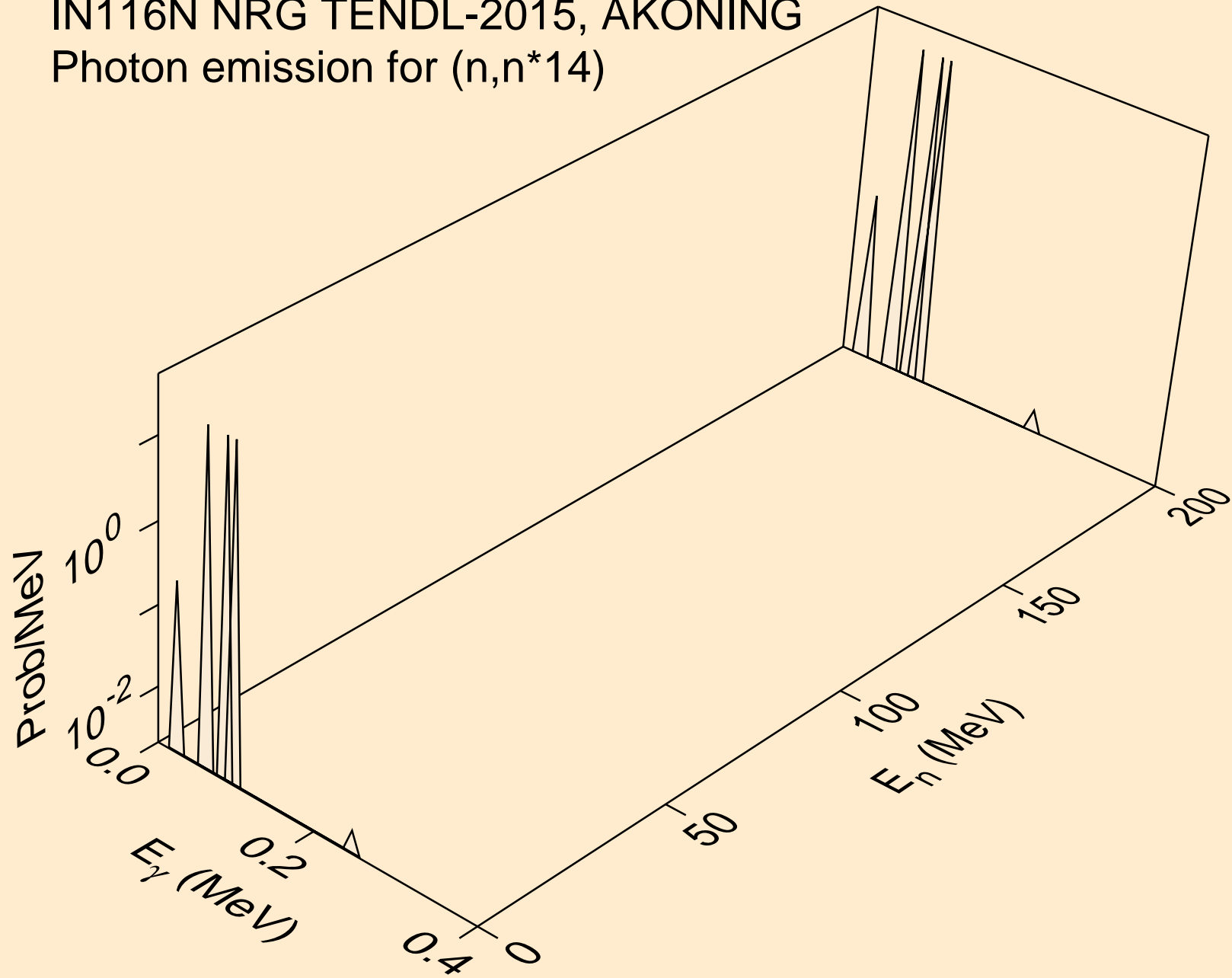
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Photon emission for (n,n\*12)



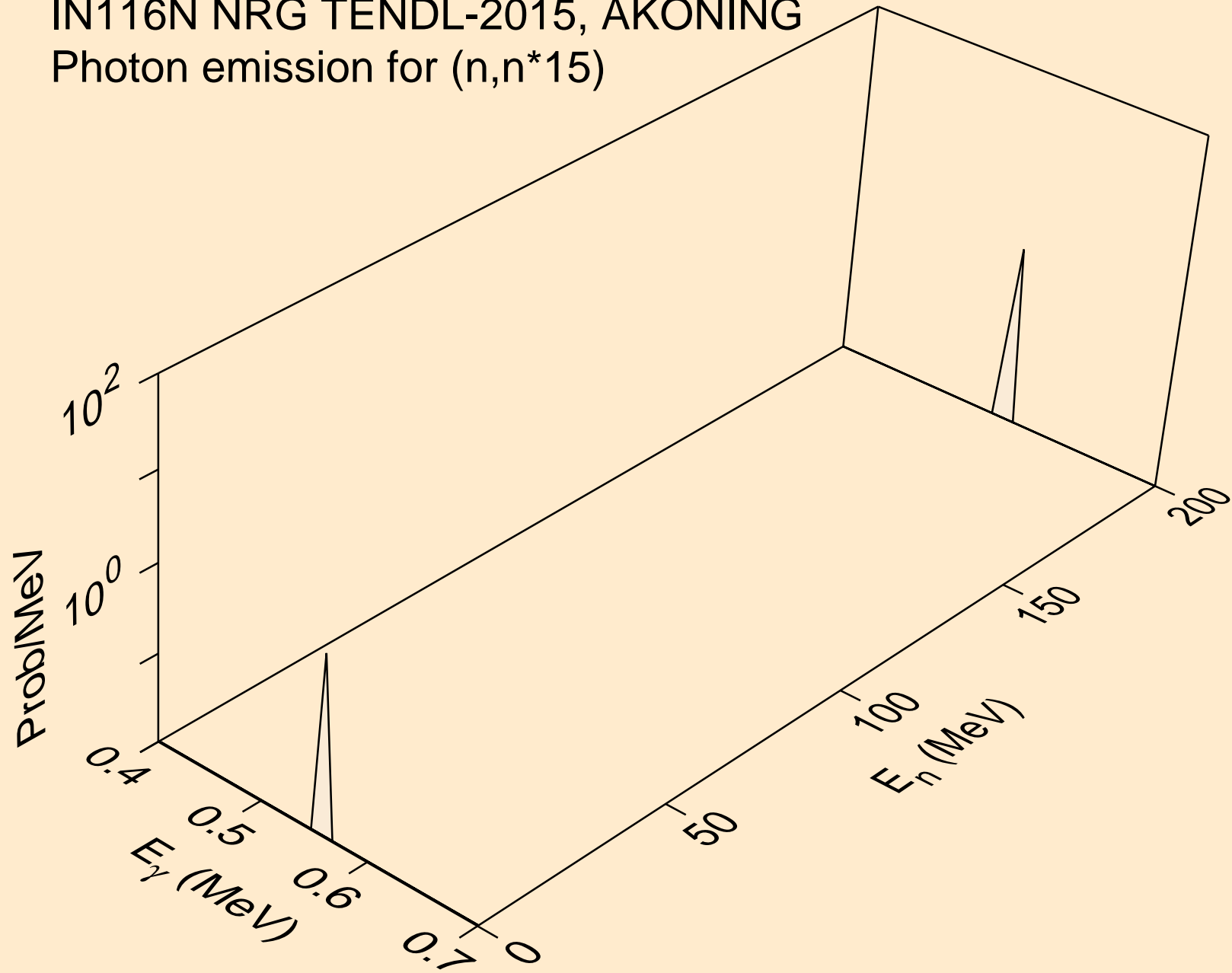
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Photon emission for (n,n\*13)



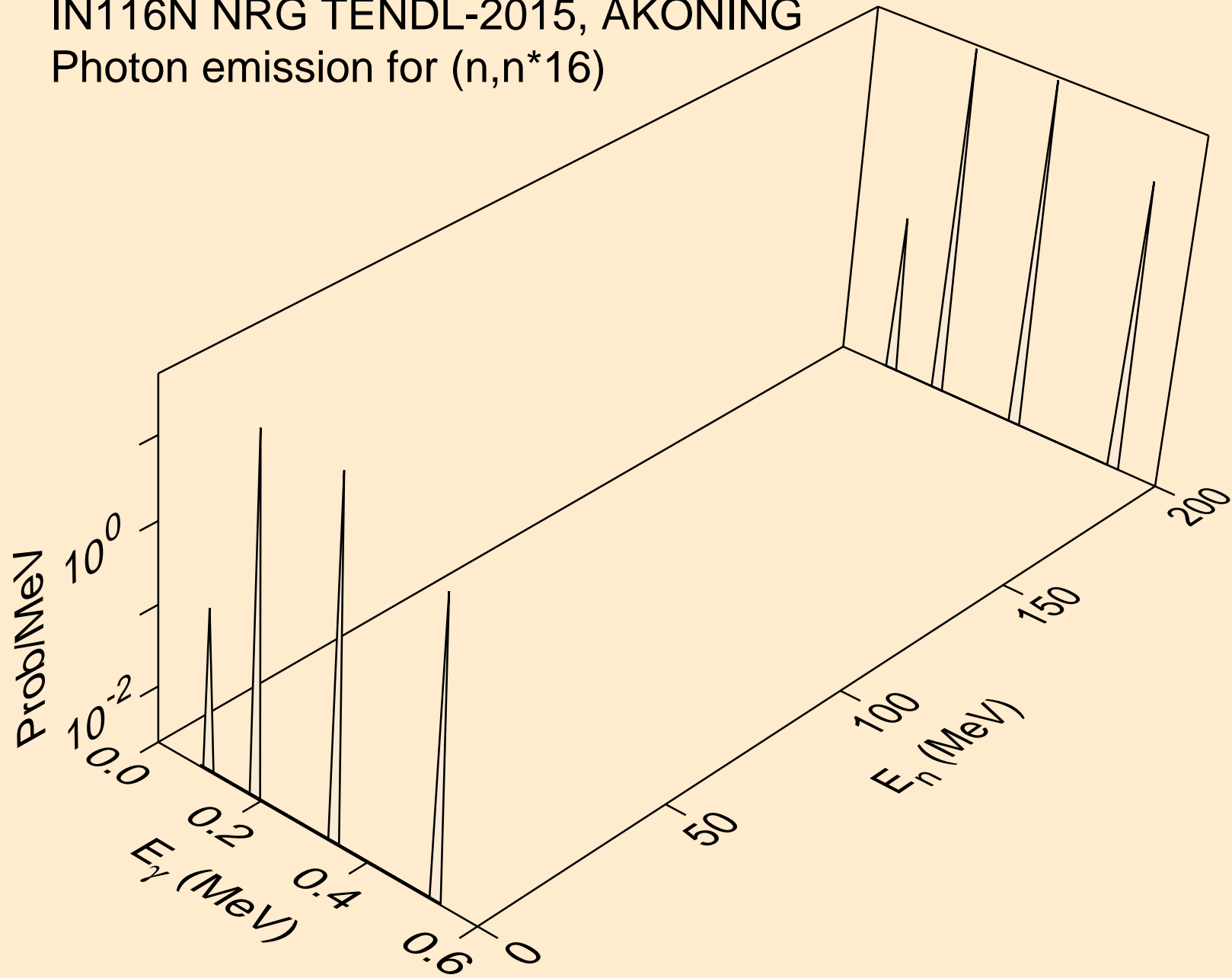
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Photon emission for (n,n\*14)



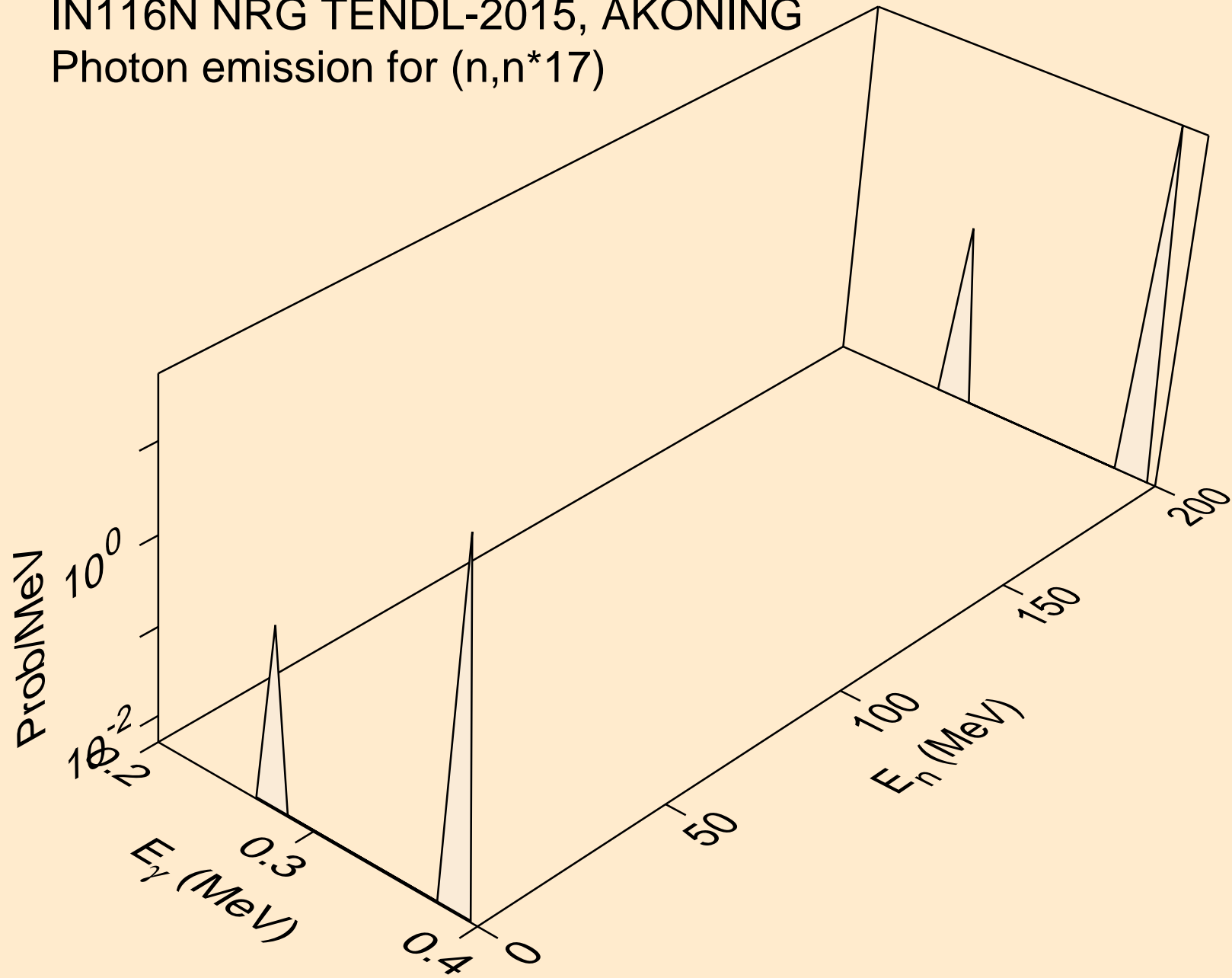
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Photon emission for (n,n\*15)



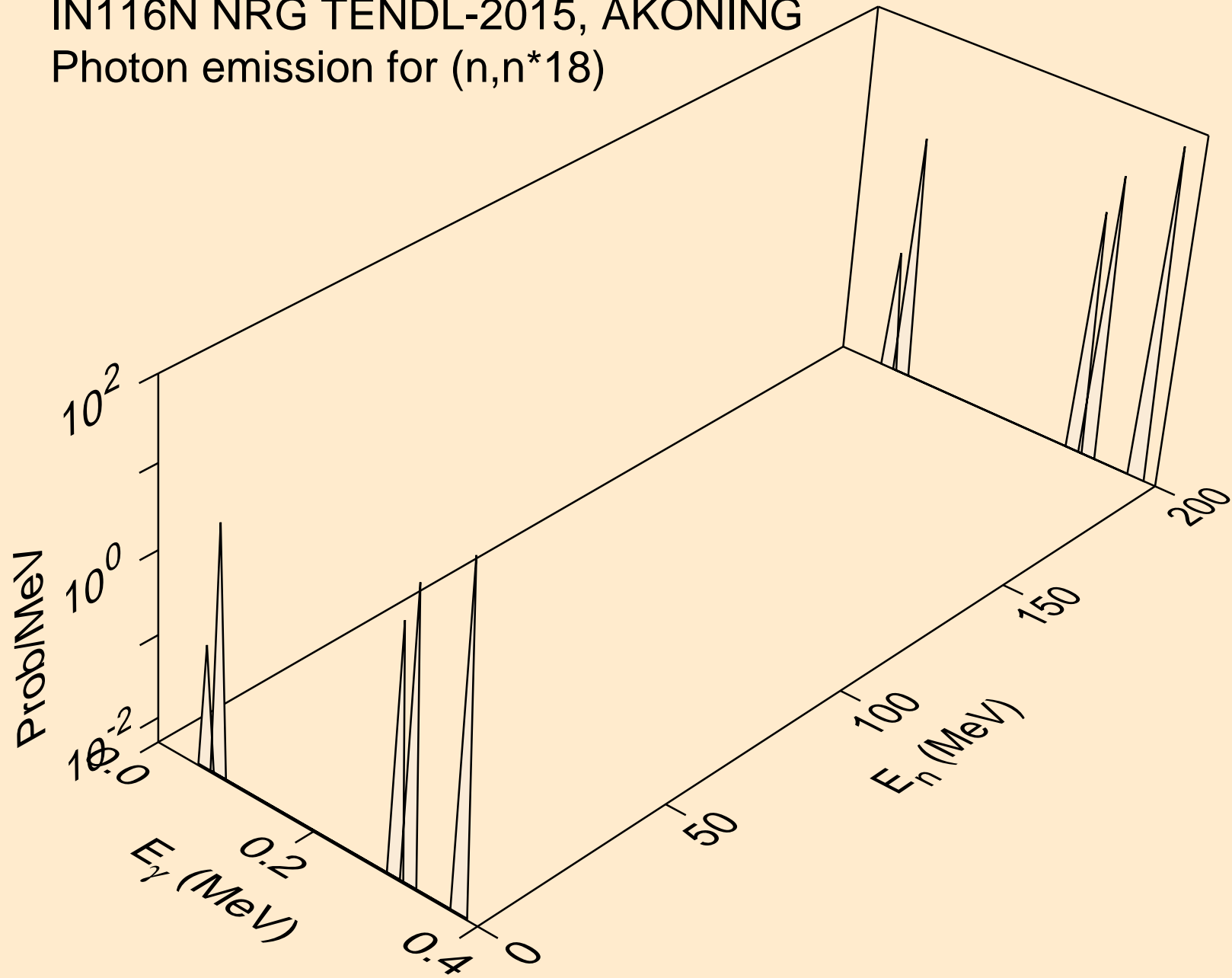
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Photon emission for (n,n\*16)



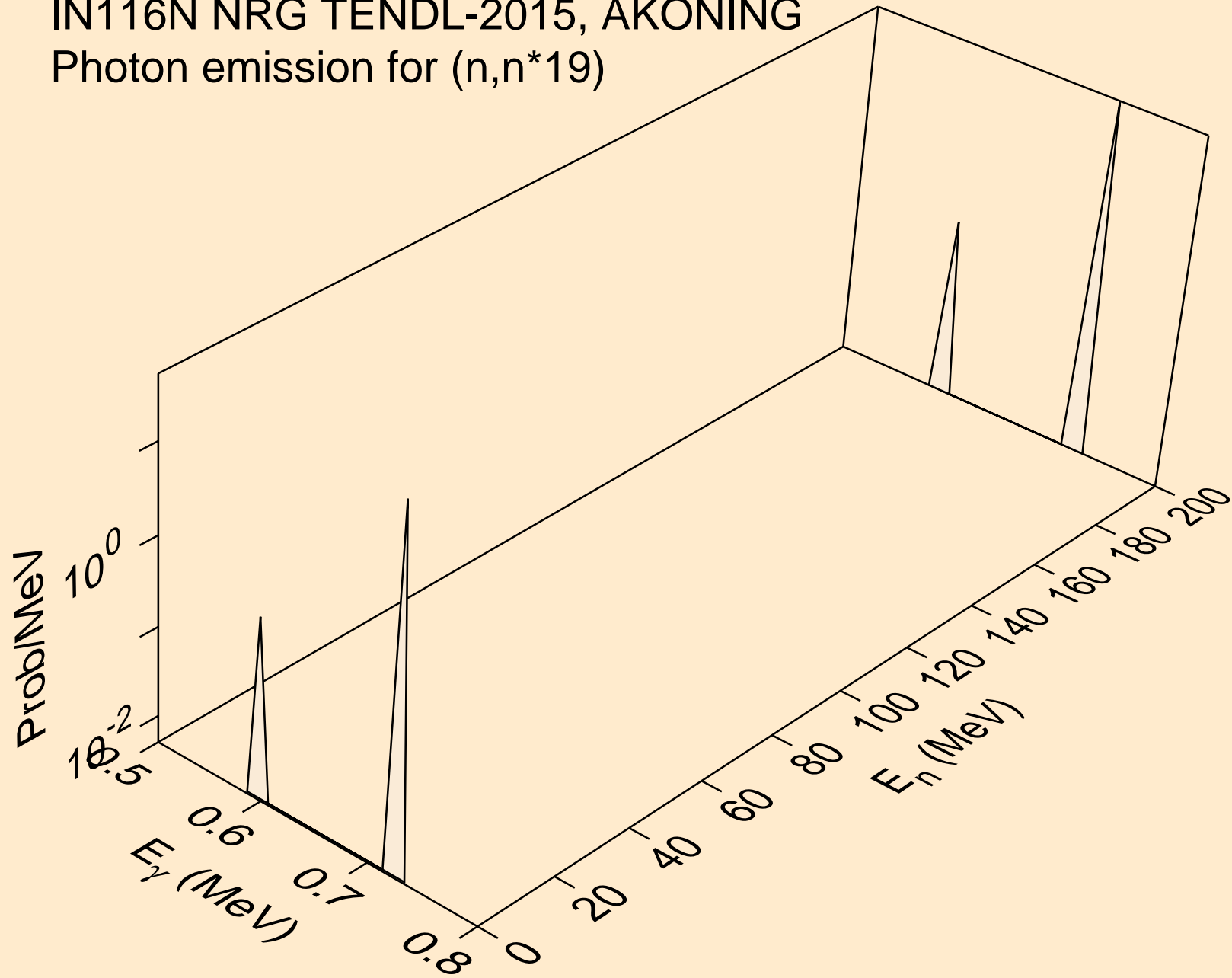
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Photon emission for (n,n\*17)



IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)

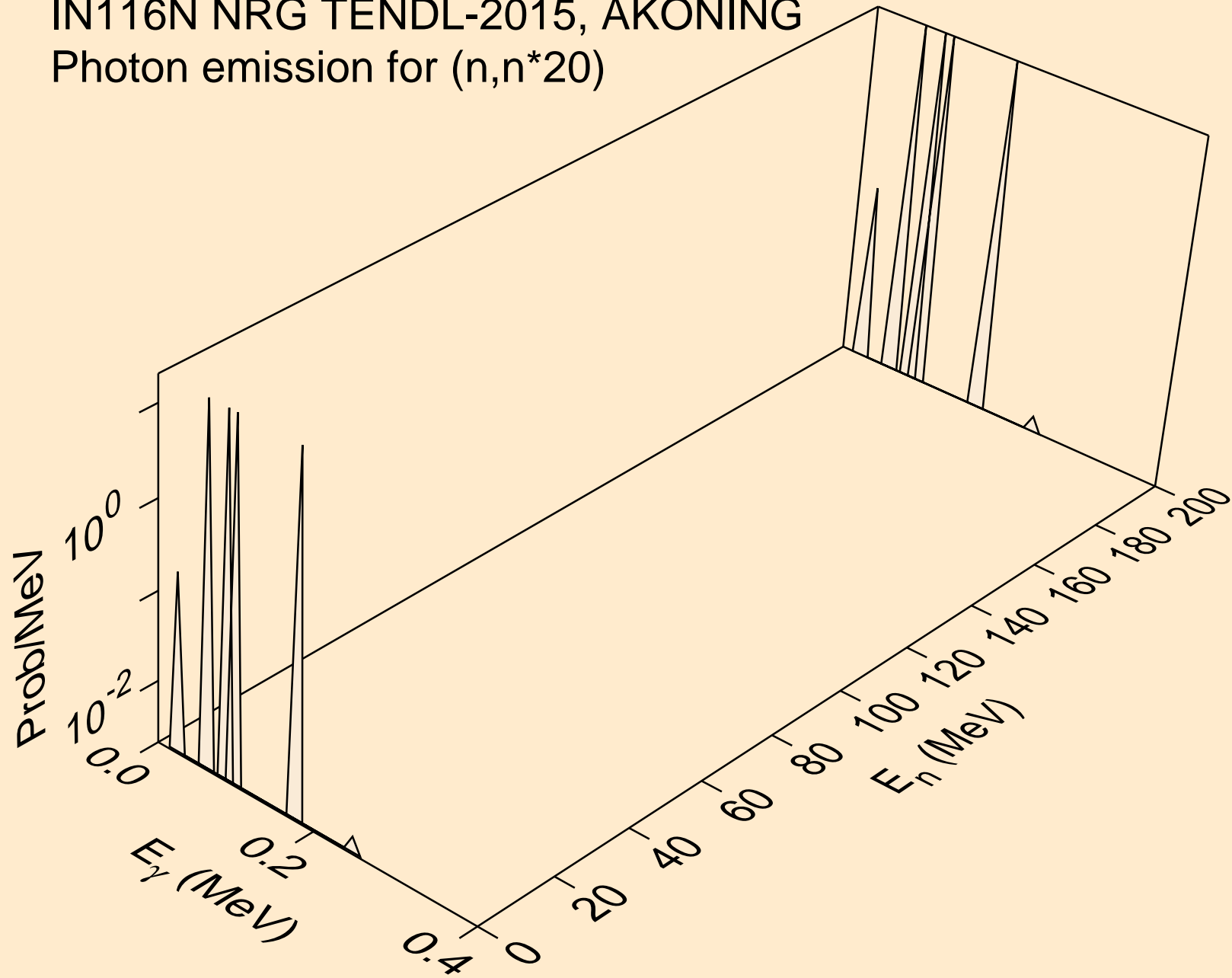


IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)

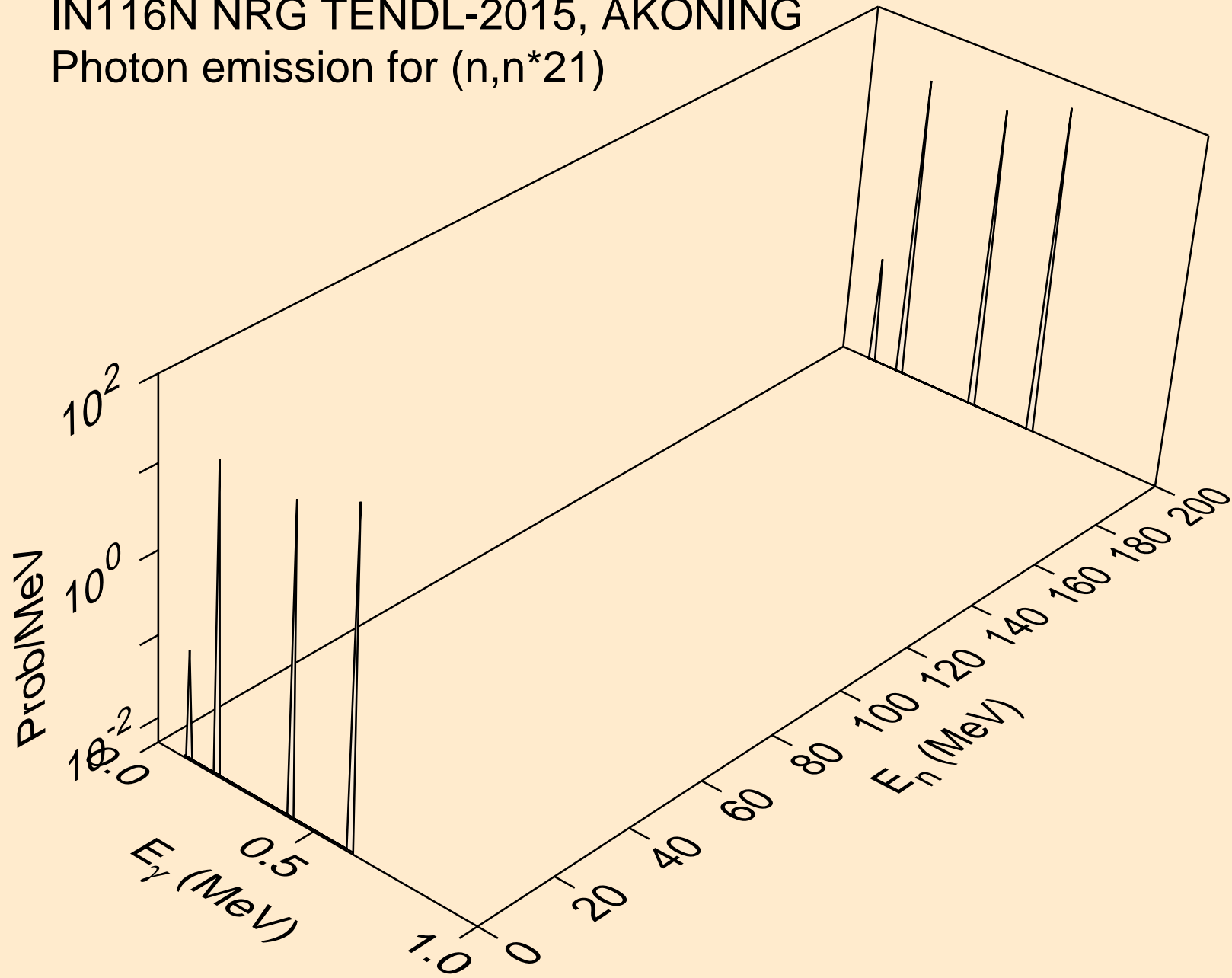




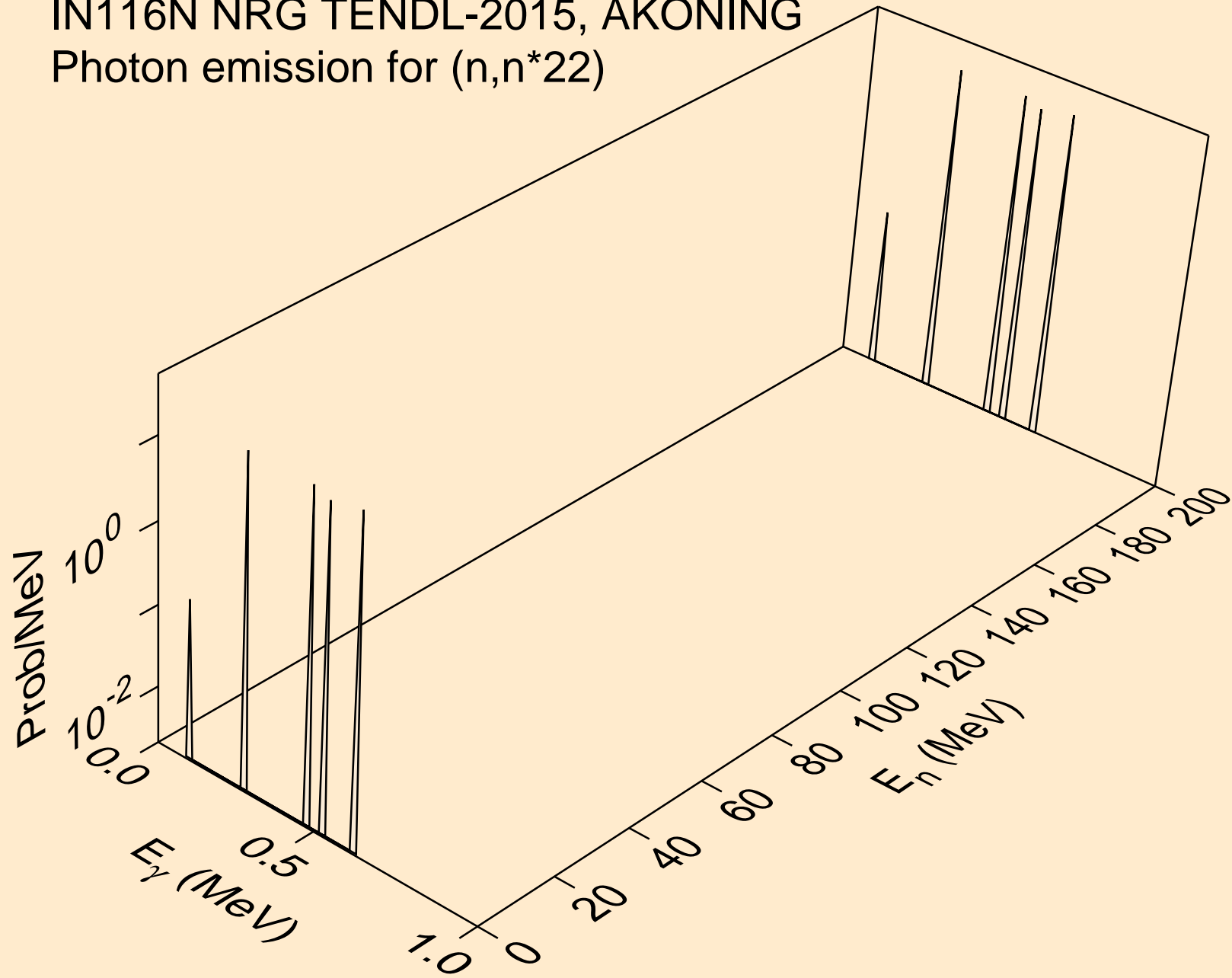
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Photon emission for (n,n\*20)



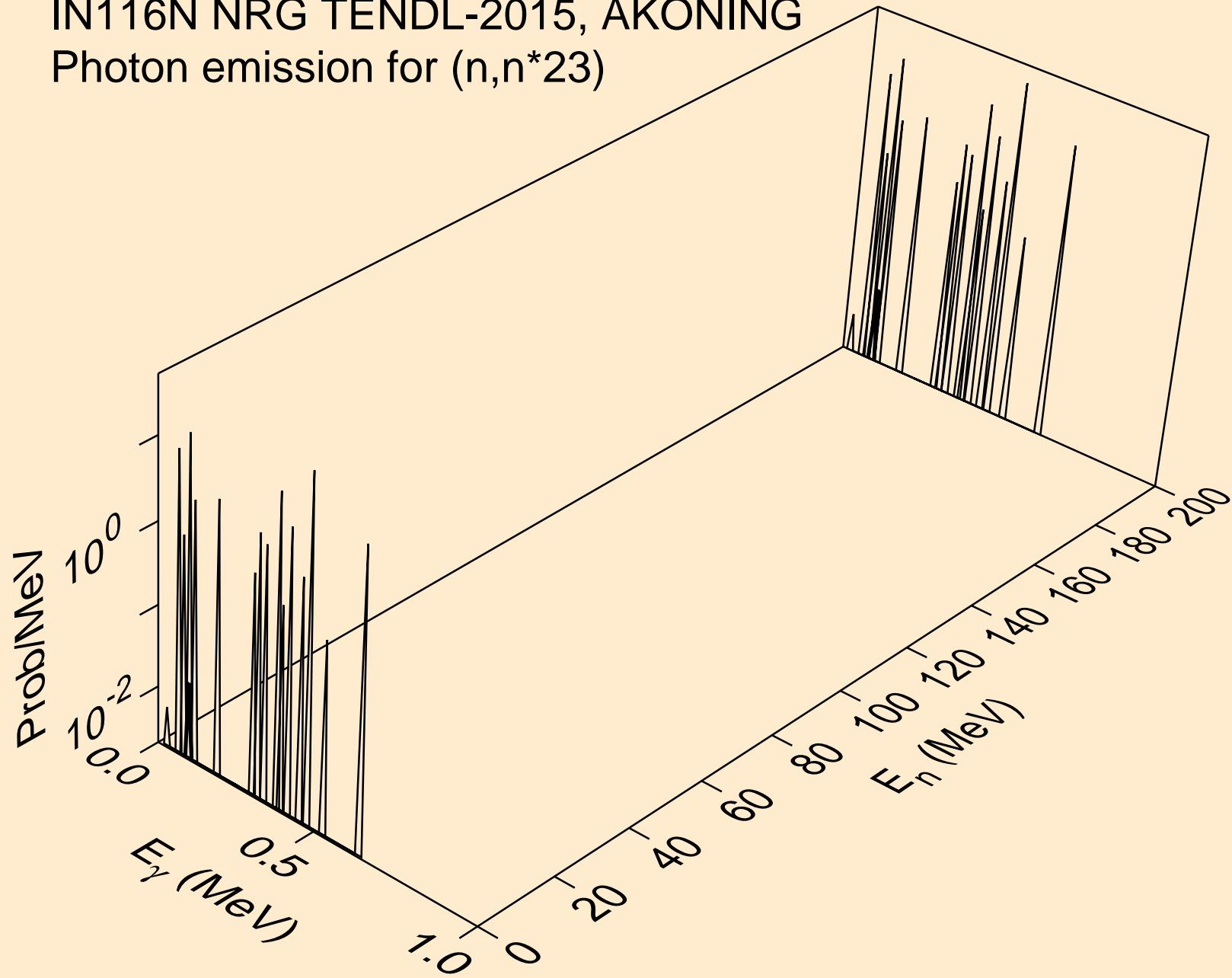
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Photon emission for (n,n\*21)



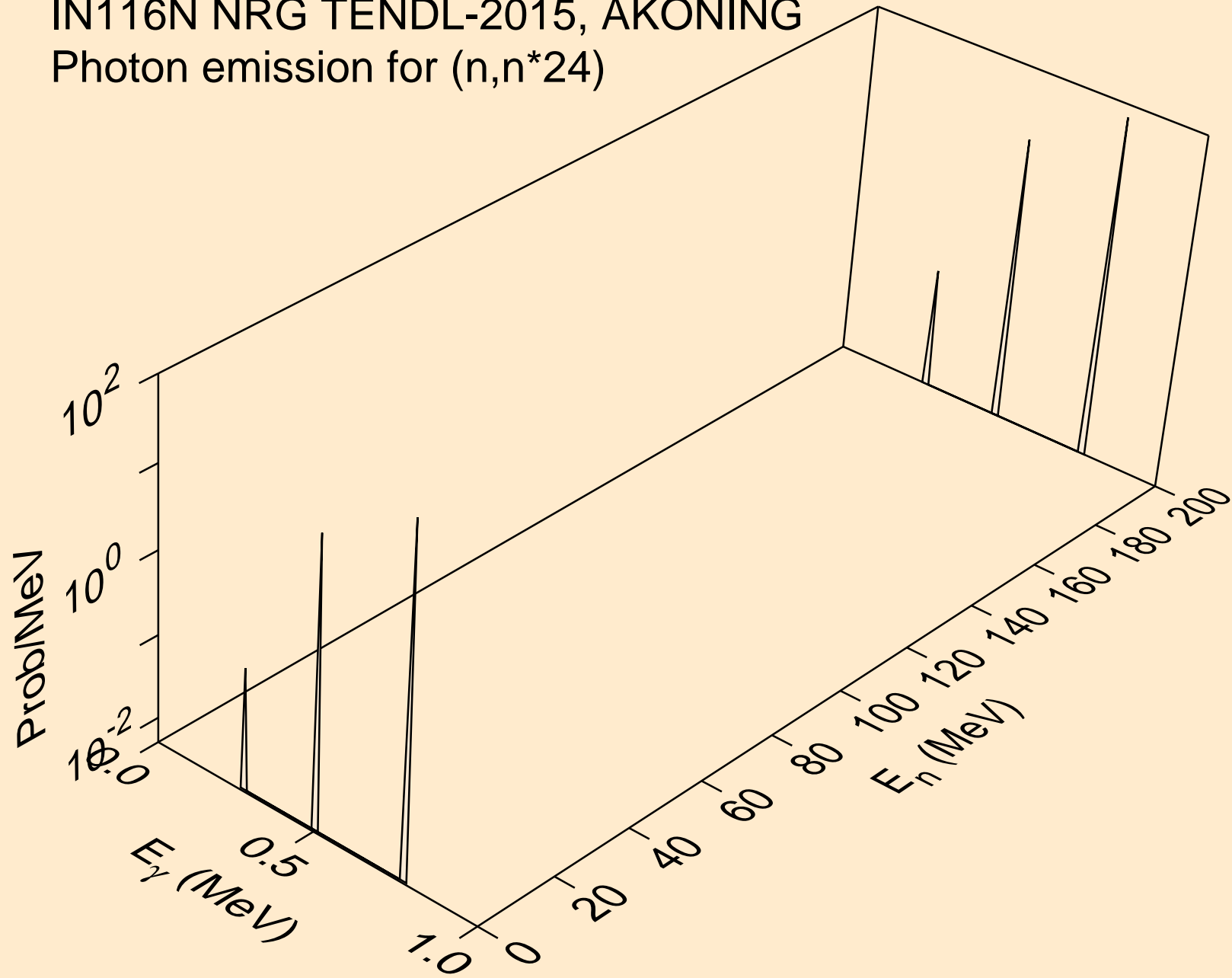
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Photon emission for (n,n\*22)



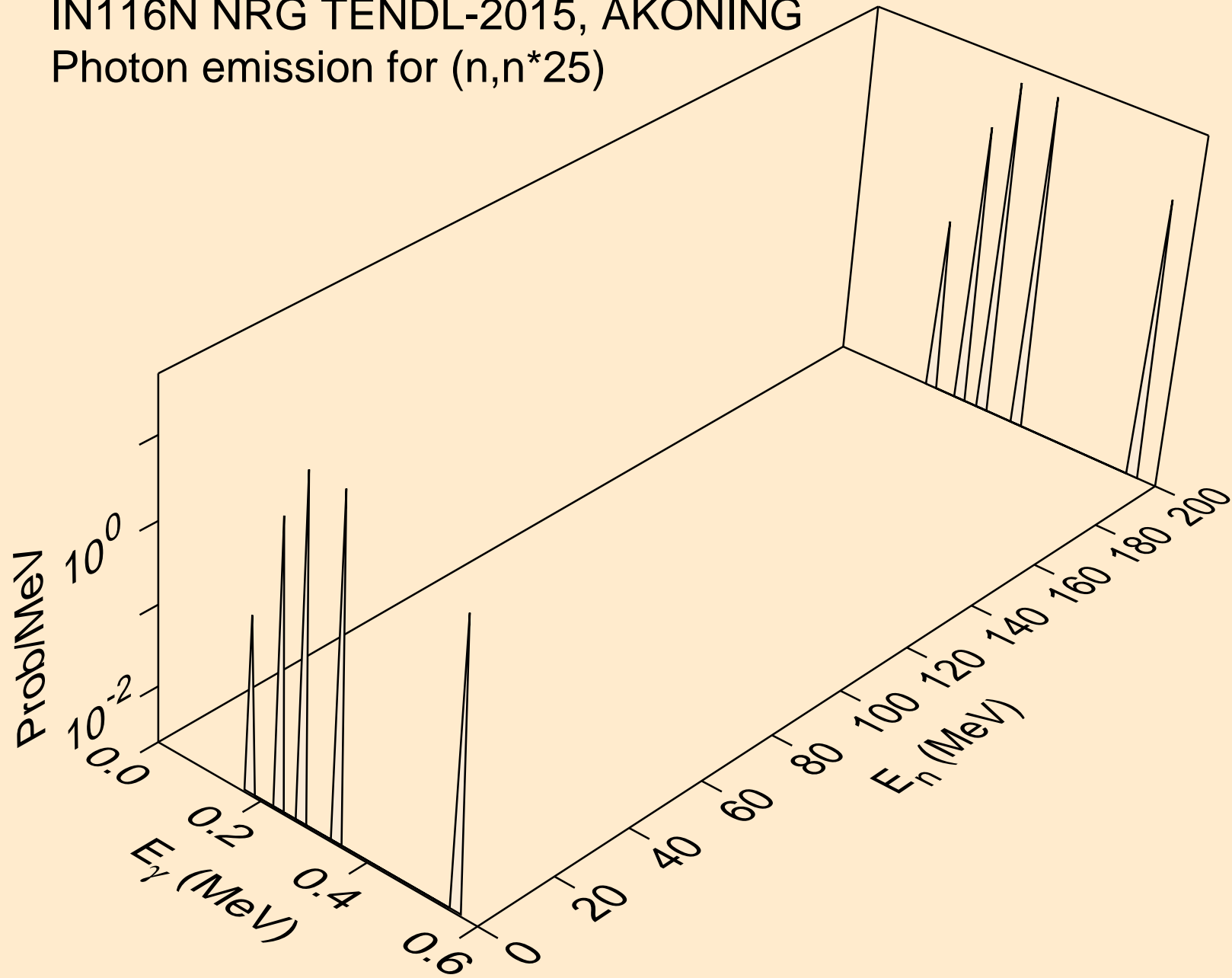
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Photon emission for (n,n\*23)



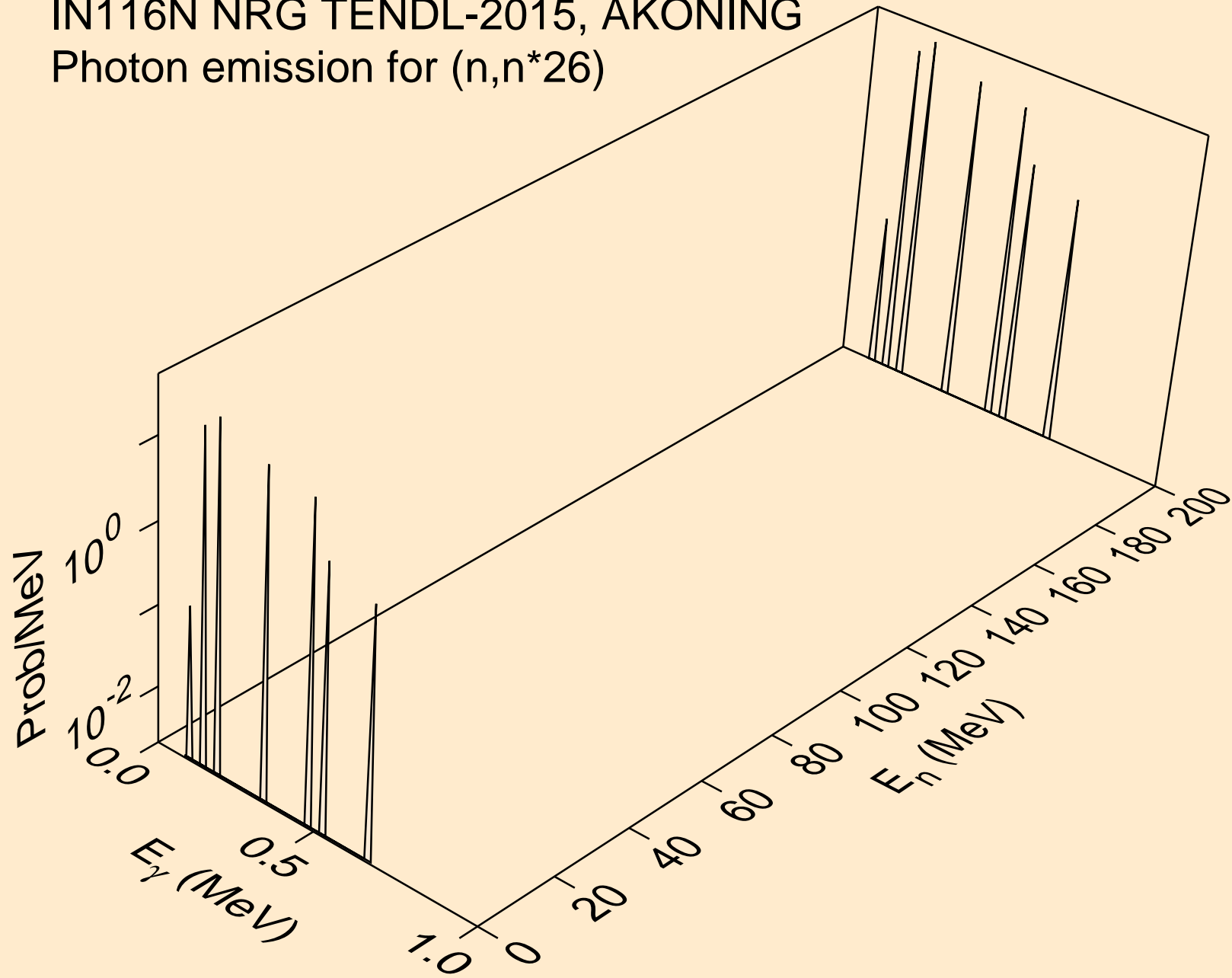
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Photon emission for (n,n\*24)



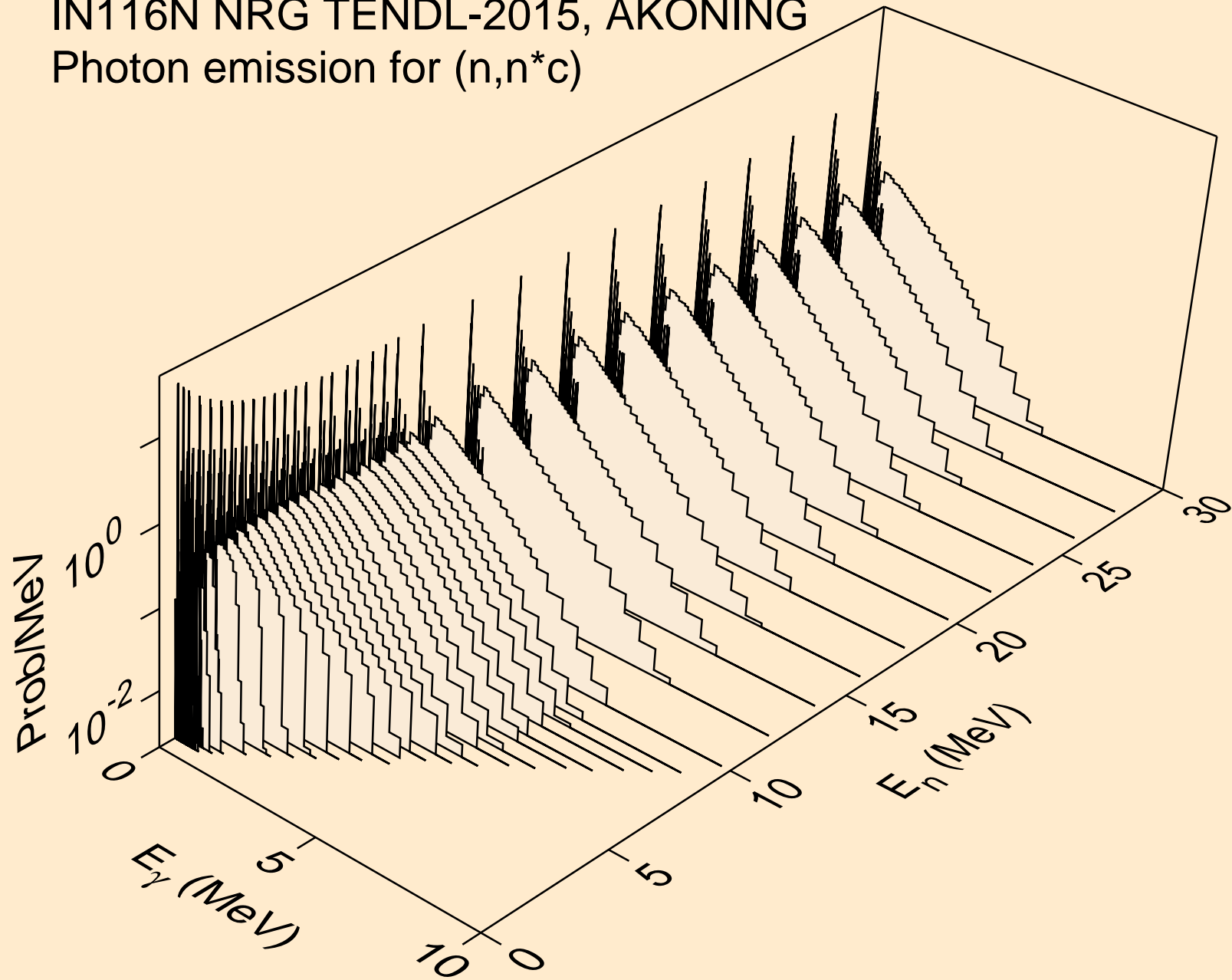
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)



IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)

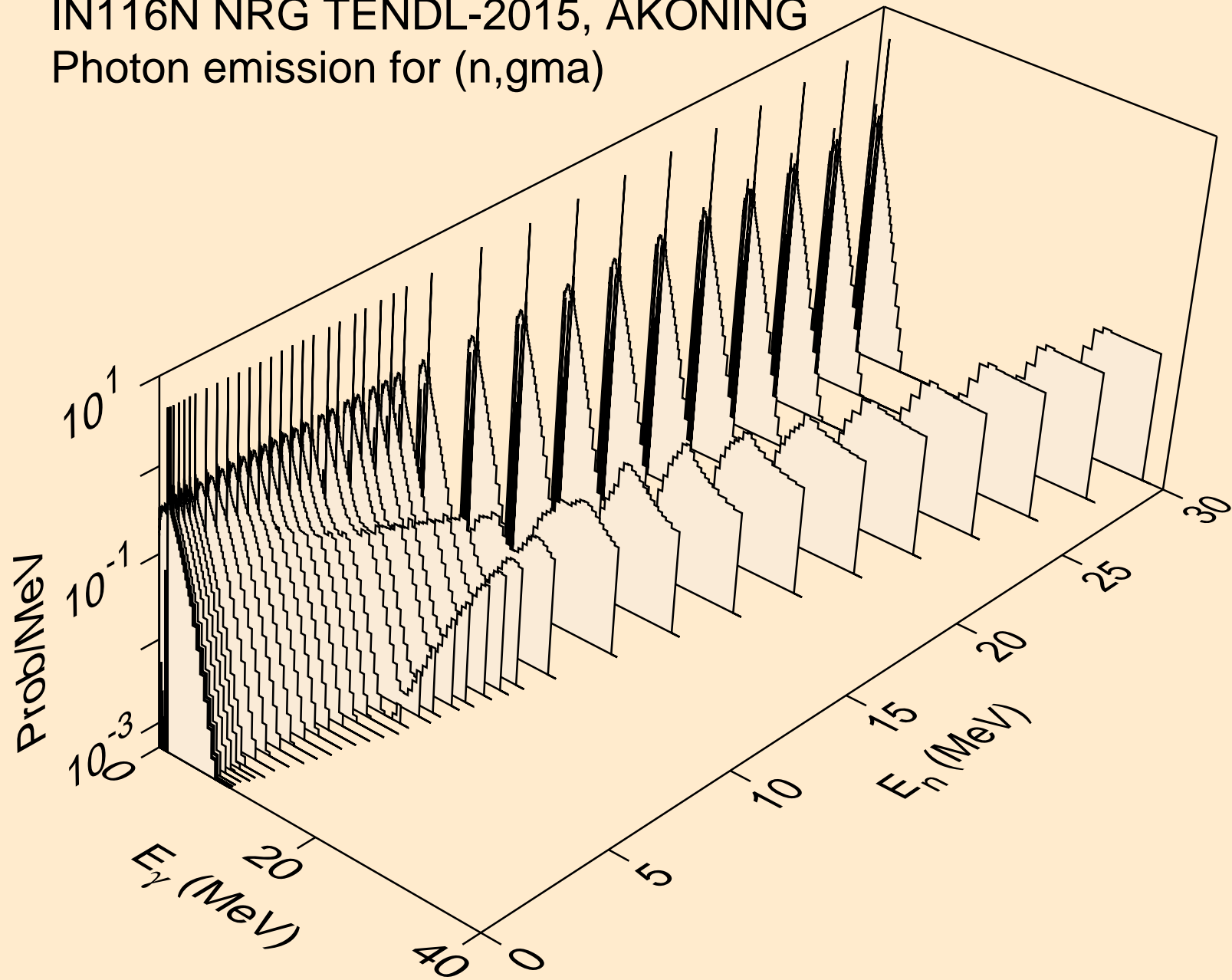


IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

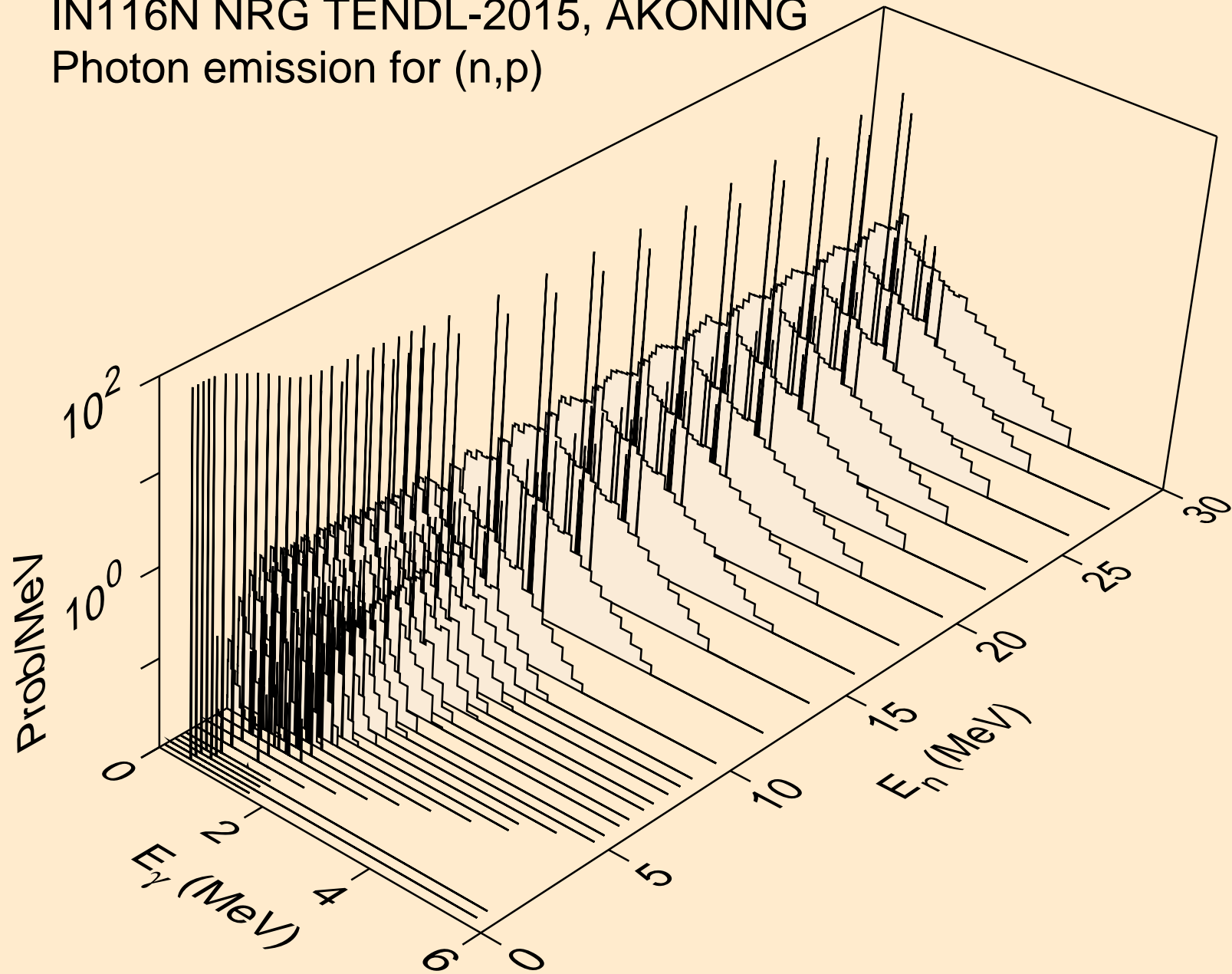




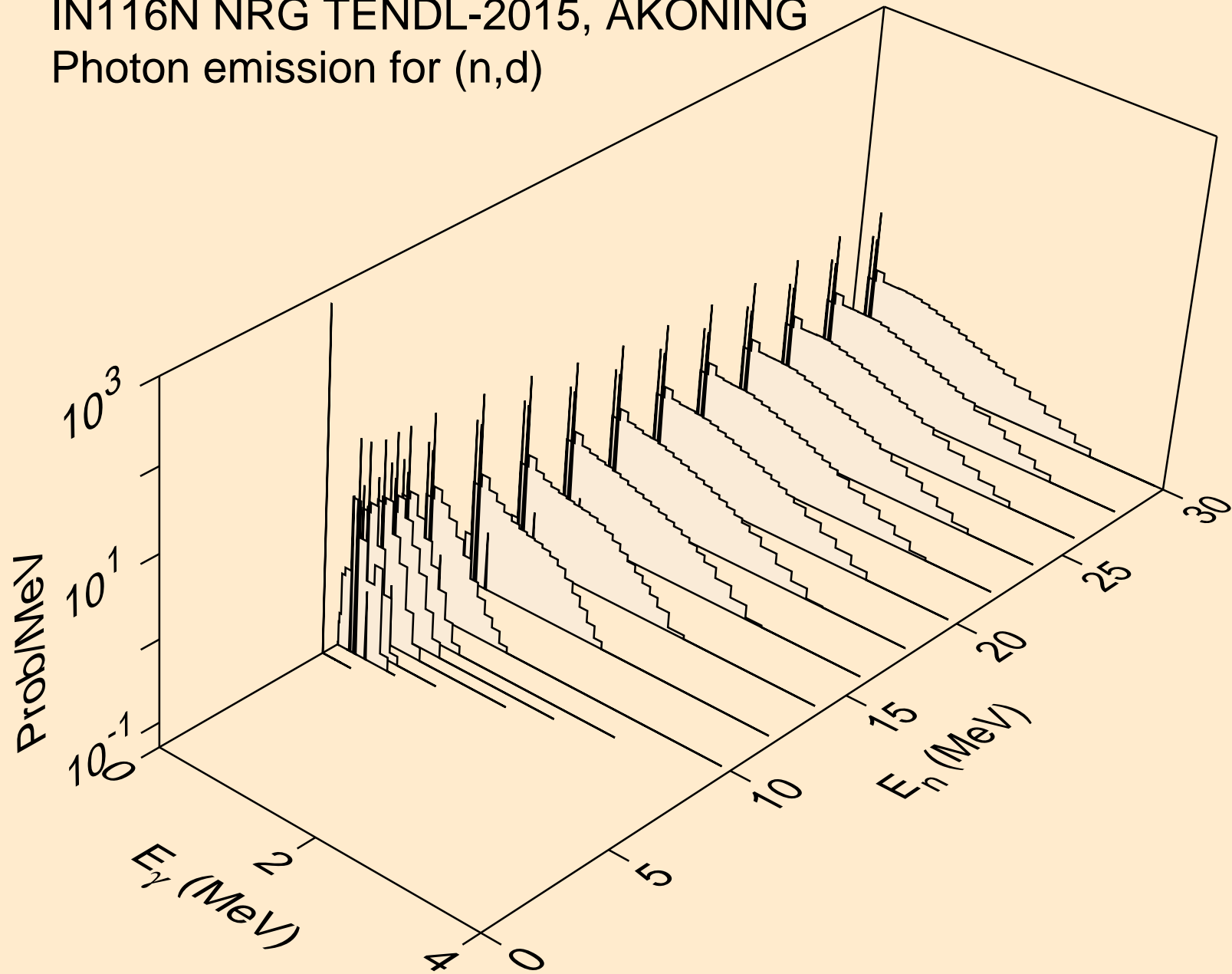
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Photon emission for (n,gma)



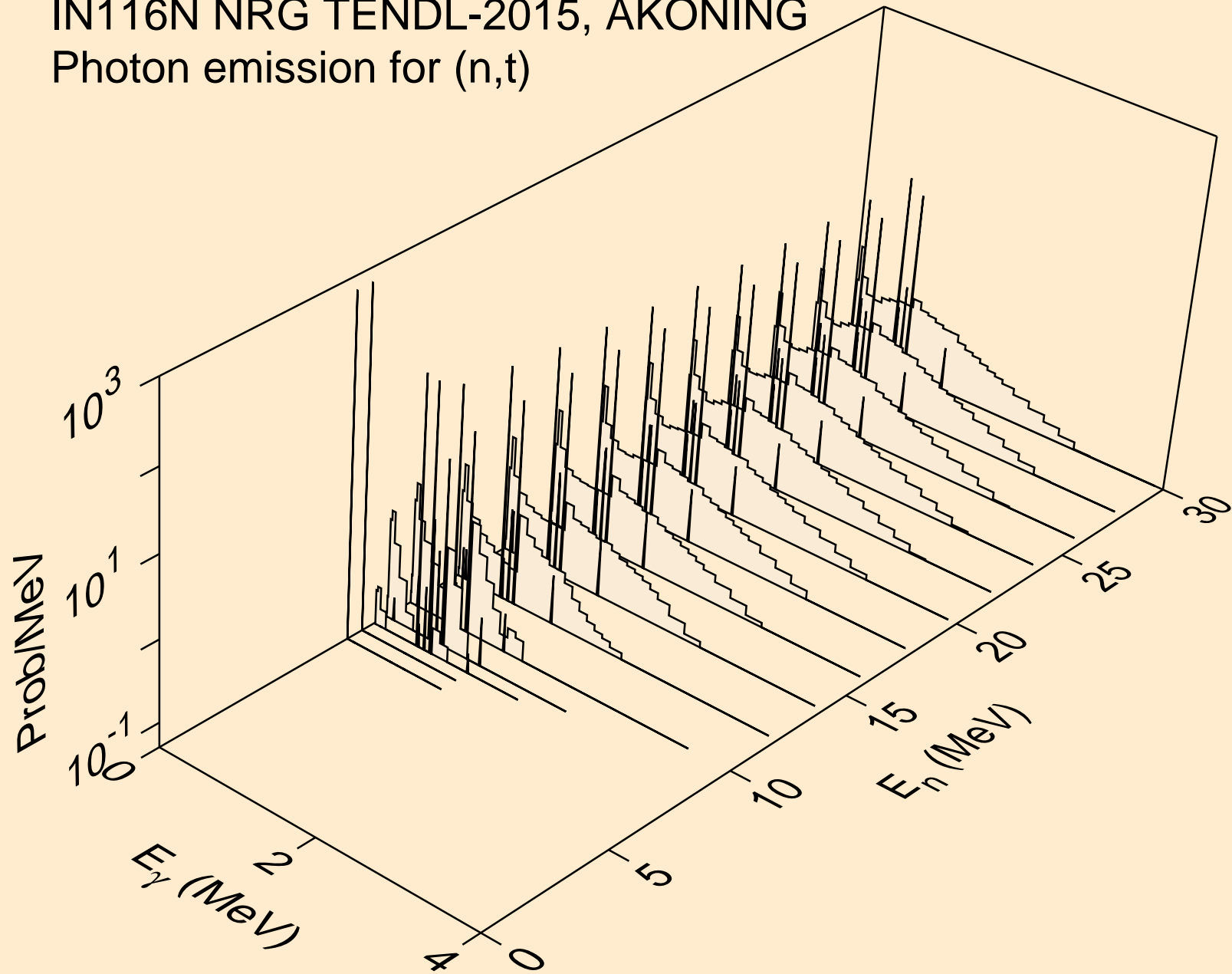
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,p)



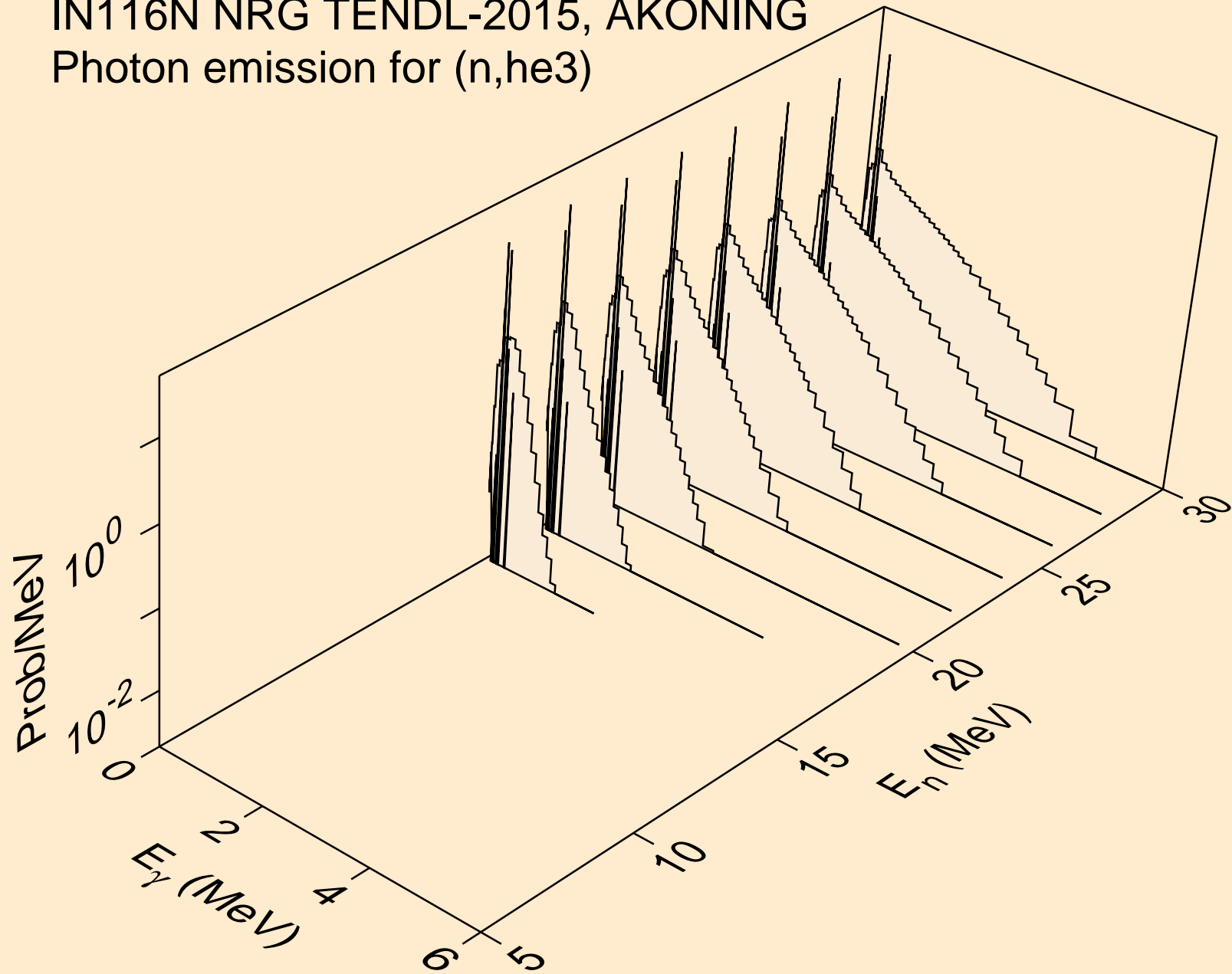
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Photon emission for (n,d)



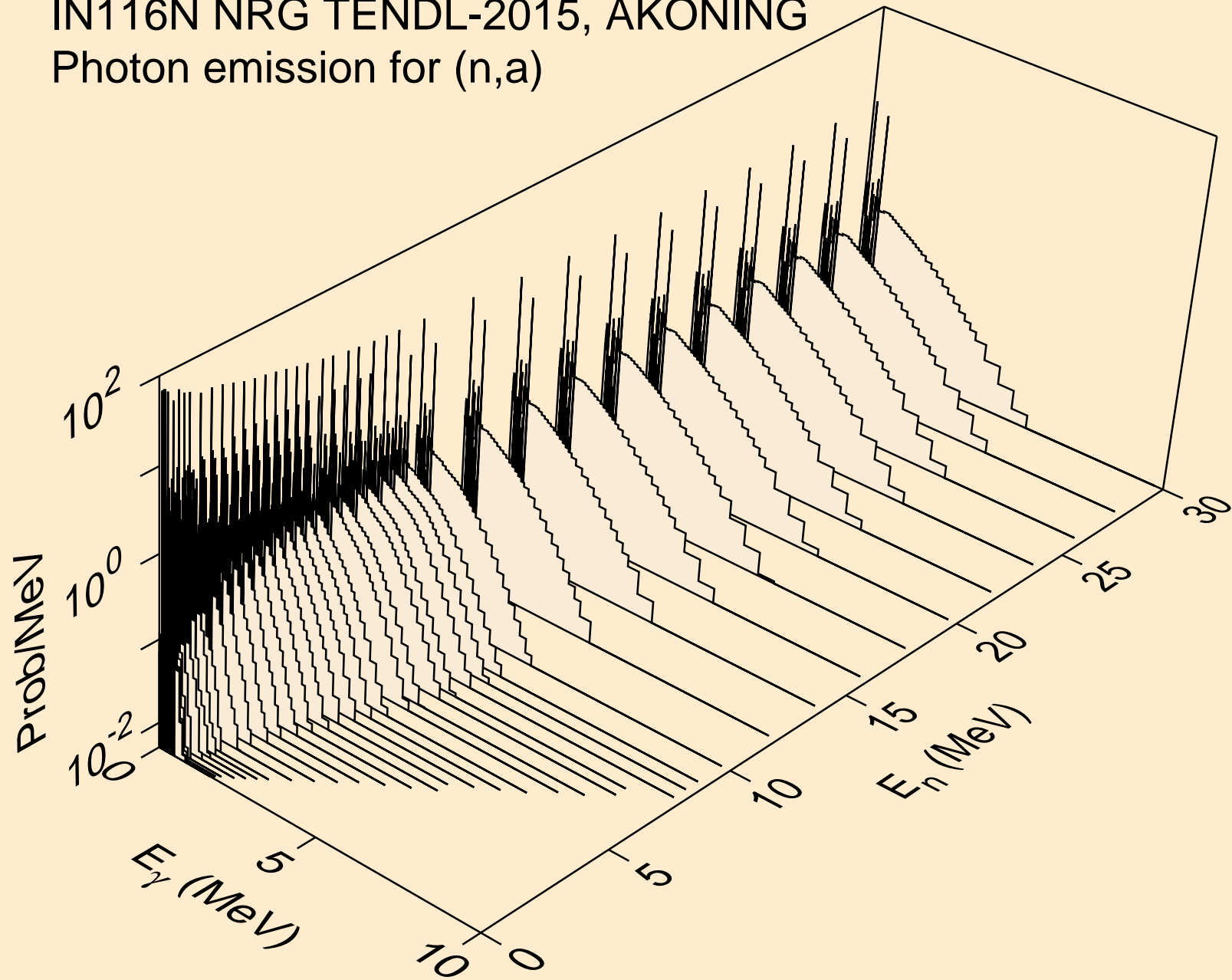
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Photon emission for (n,t)



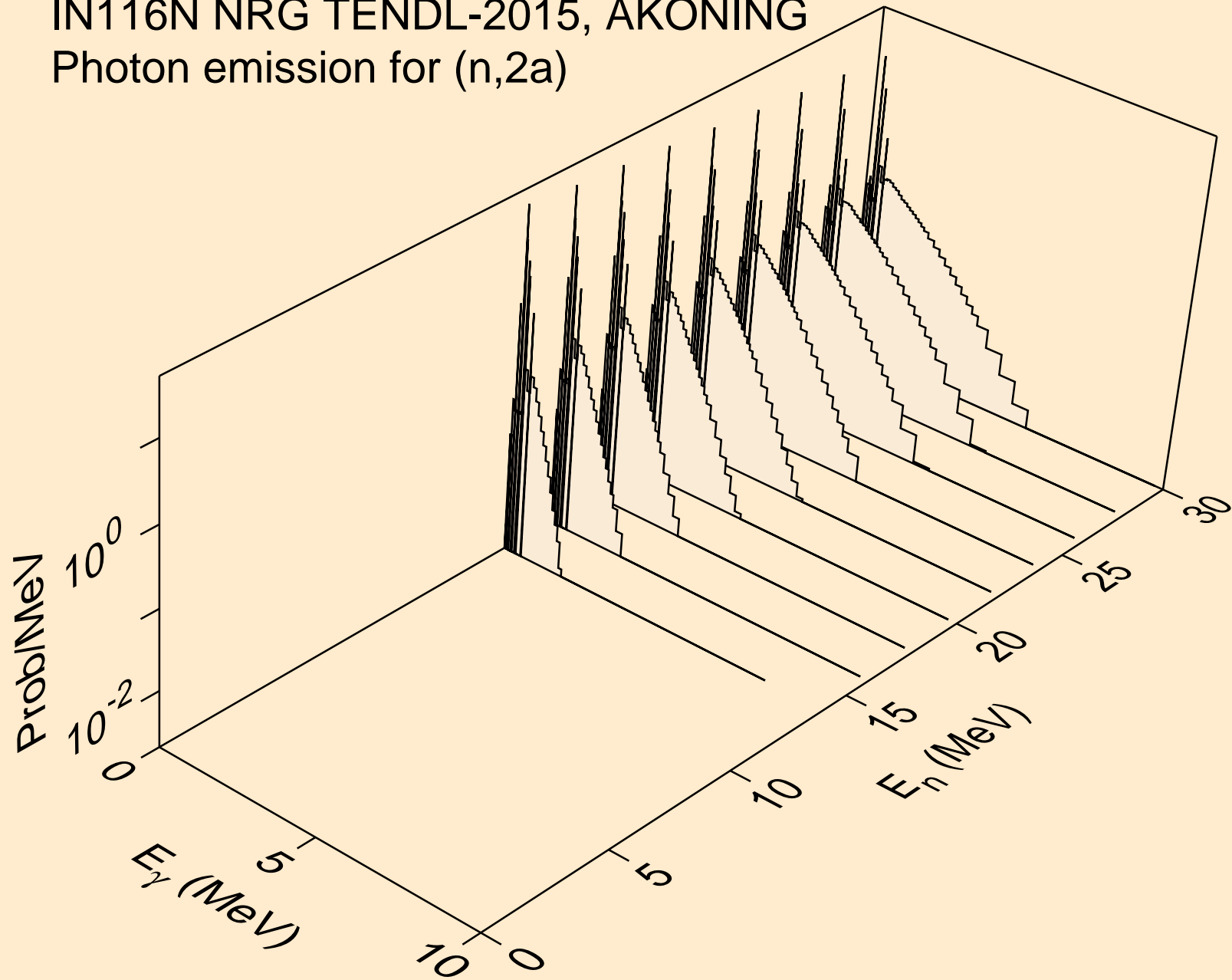
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Photon emission for (n,he3)



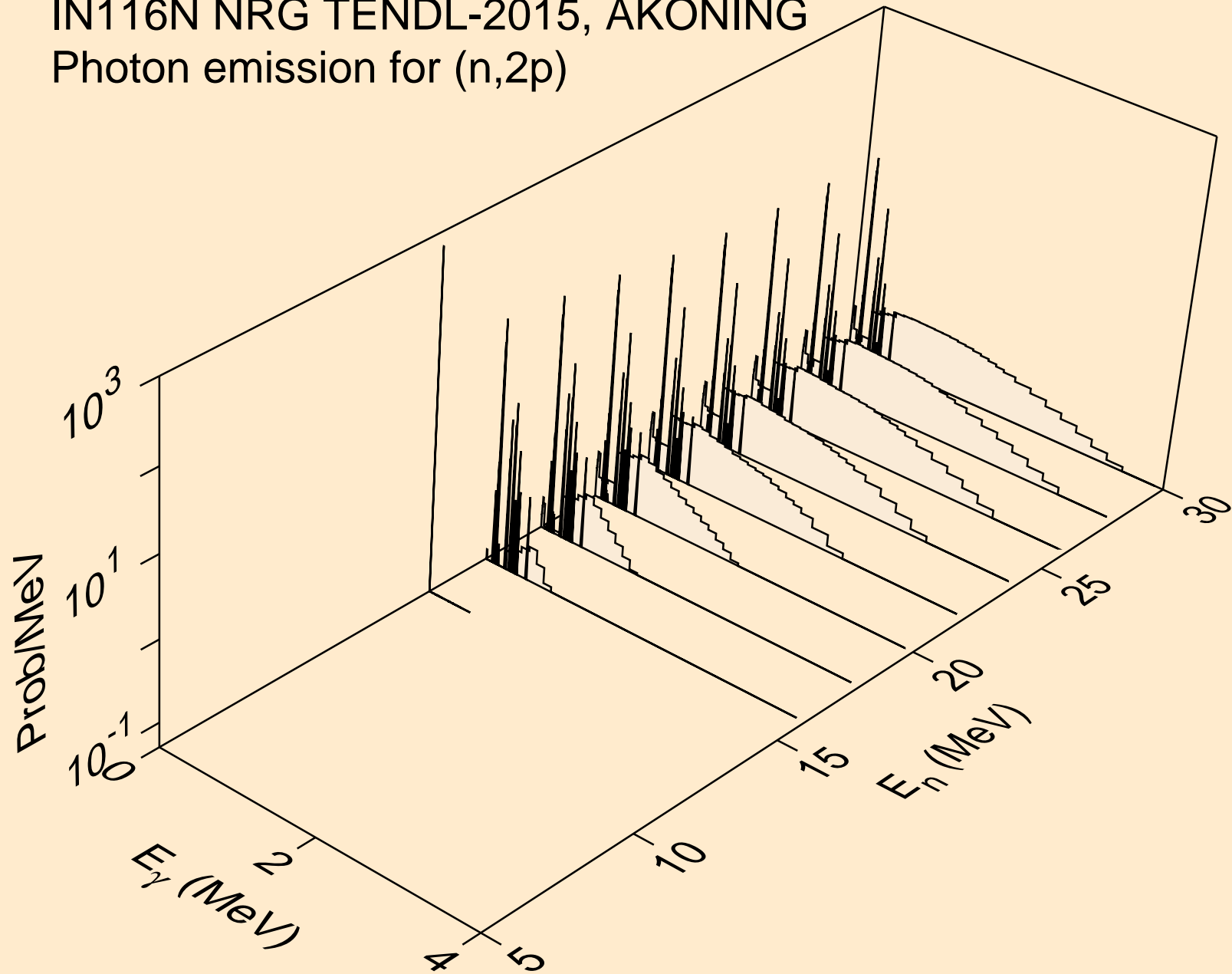
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Photon emission for (n,a)



IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

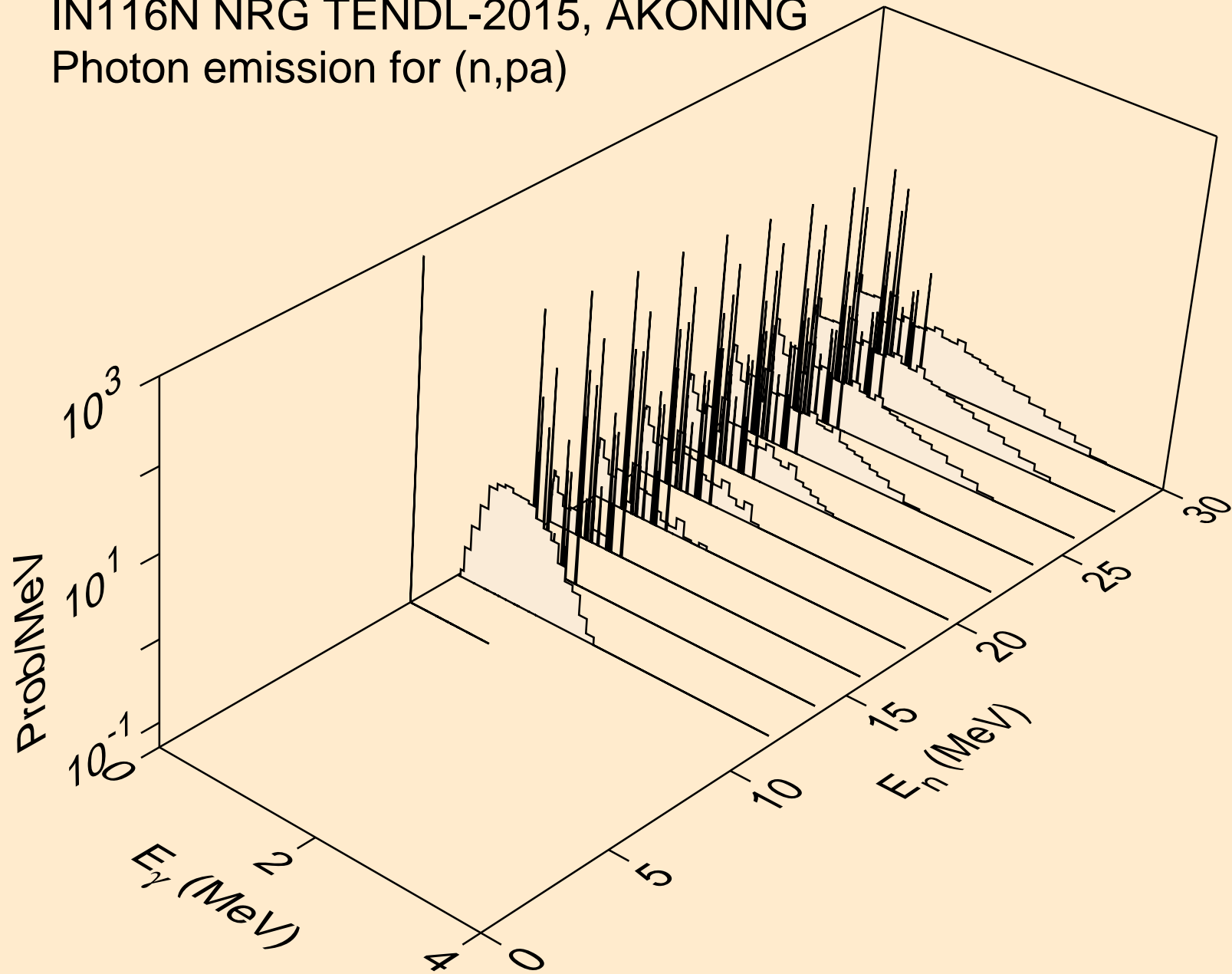


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Photon emission for (n,2p)

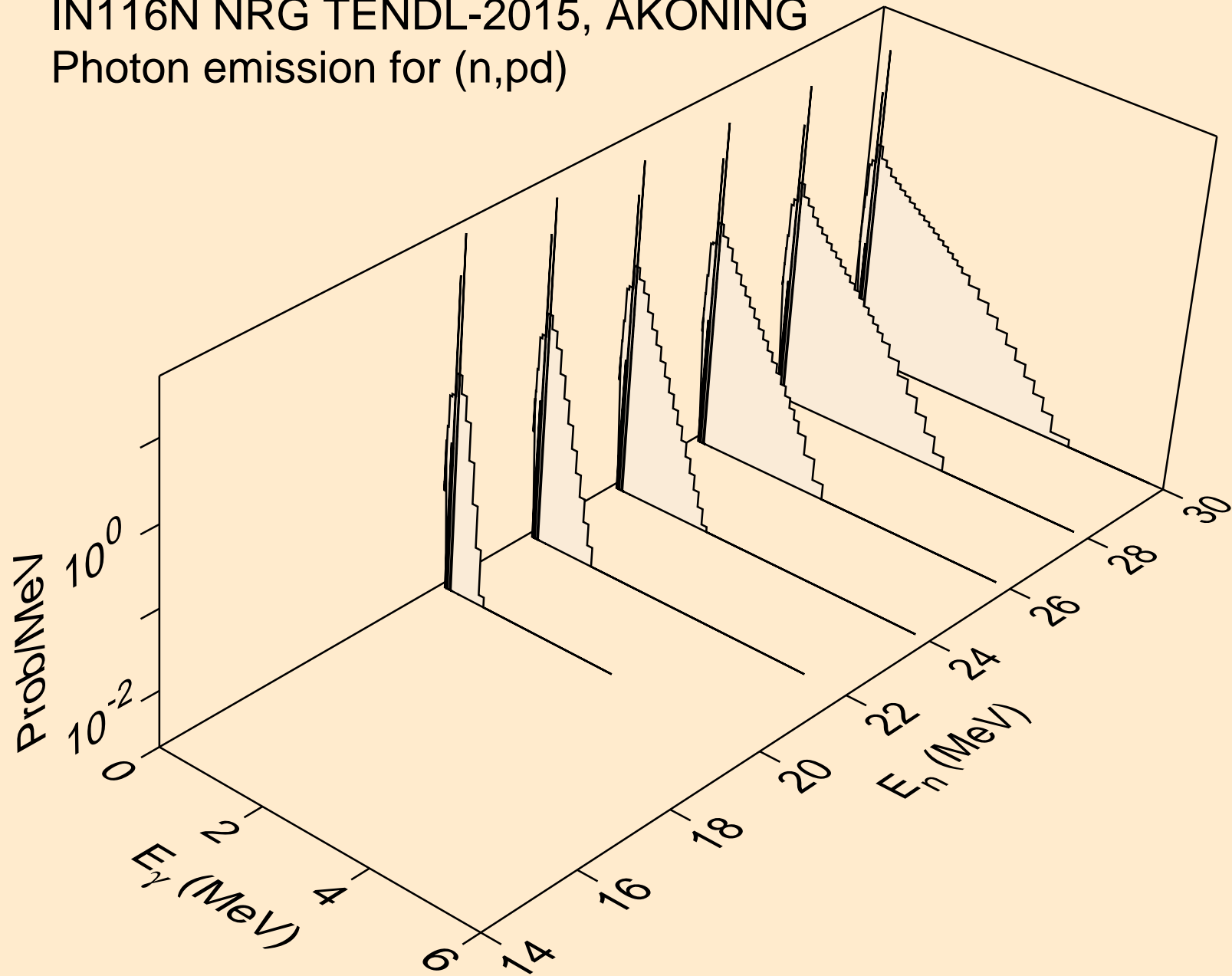




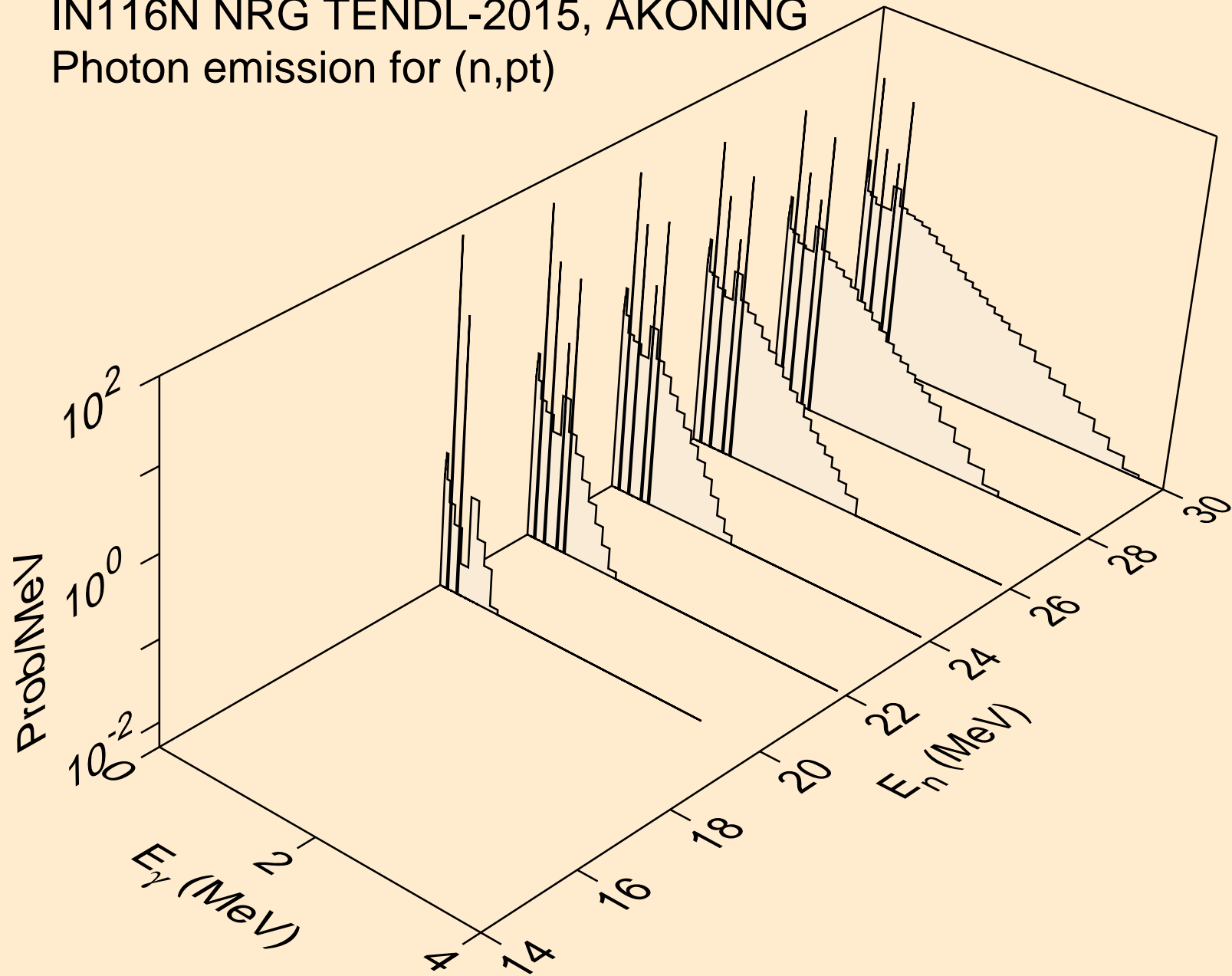
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Photon emission for (n,pa)



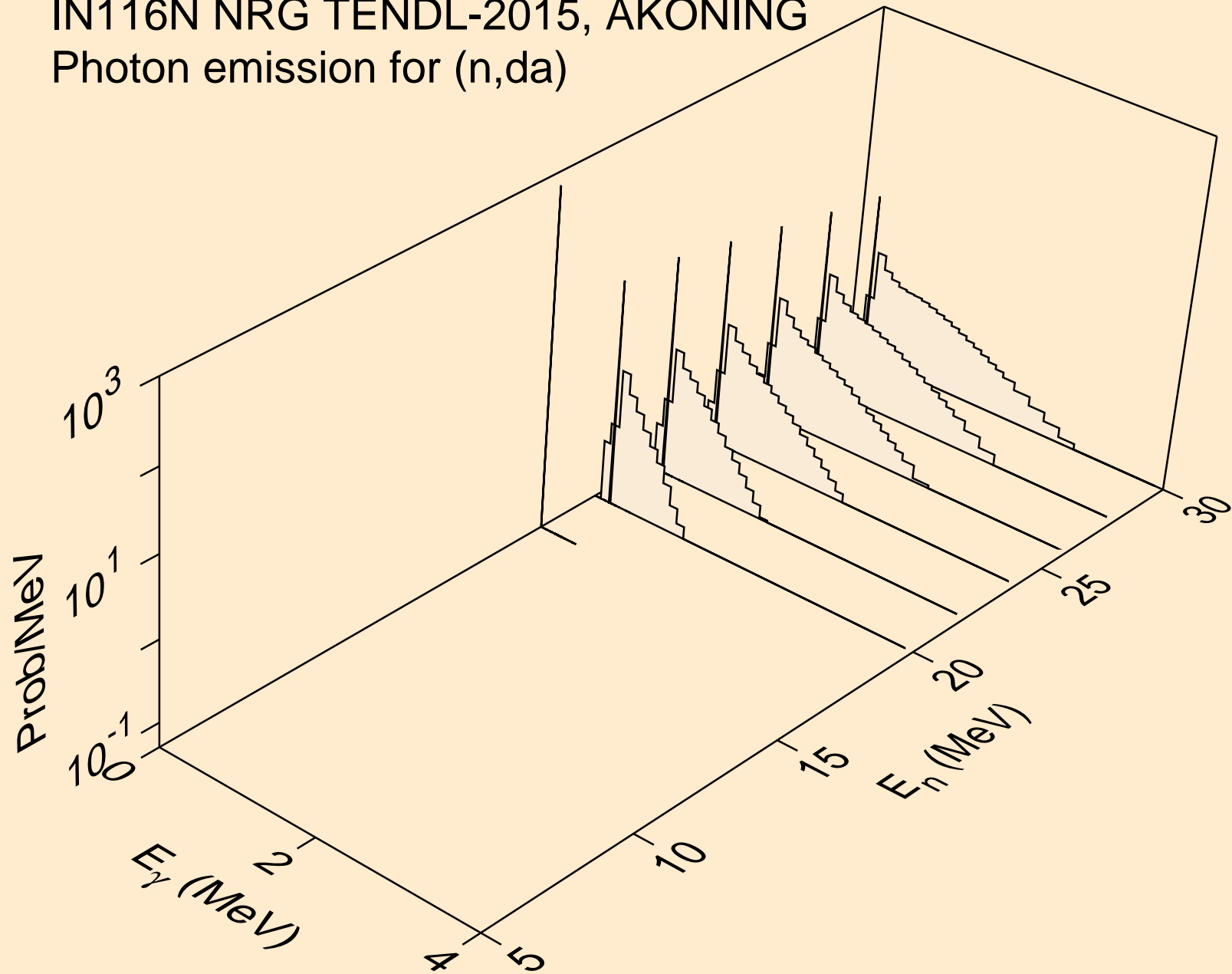
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Photon emission for (n,pd)



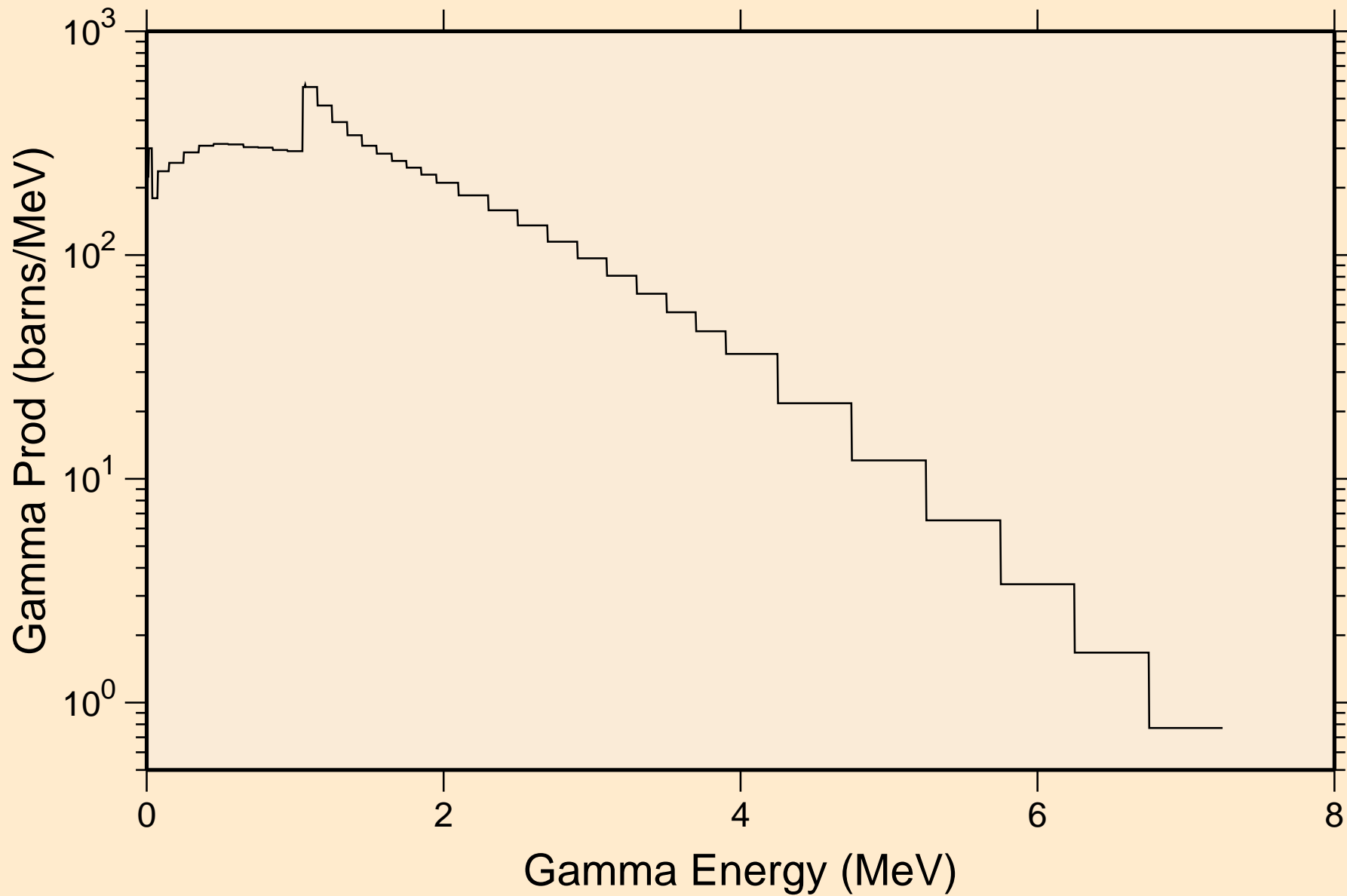
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



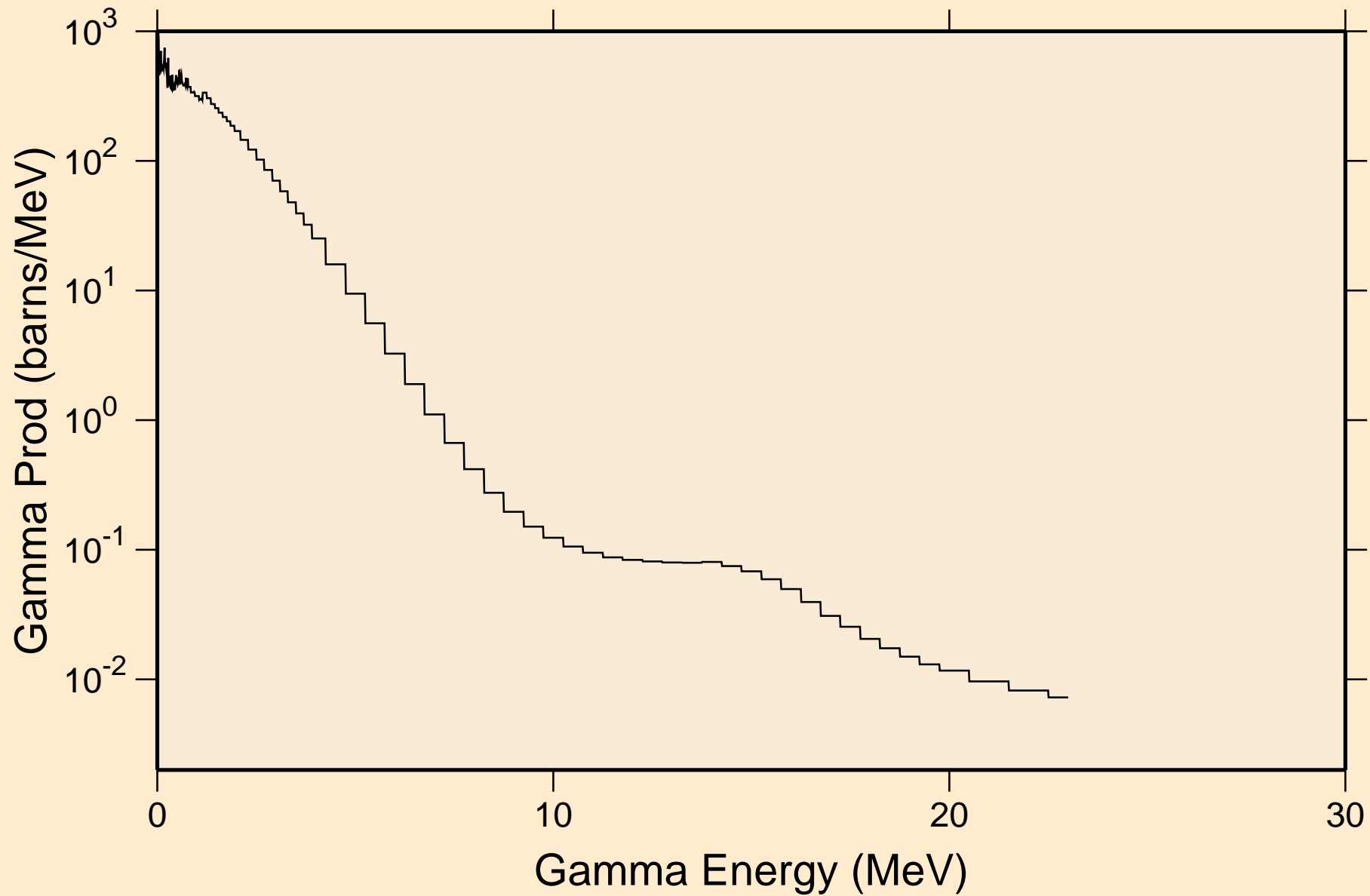
IN116N NRG TENDL-2015, AKONING  
Photon emission for (n,da)



IN116N NRG TENDL-2015, AKONING  
thermal capture photon spectrum

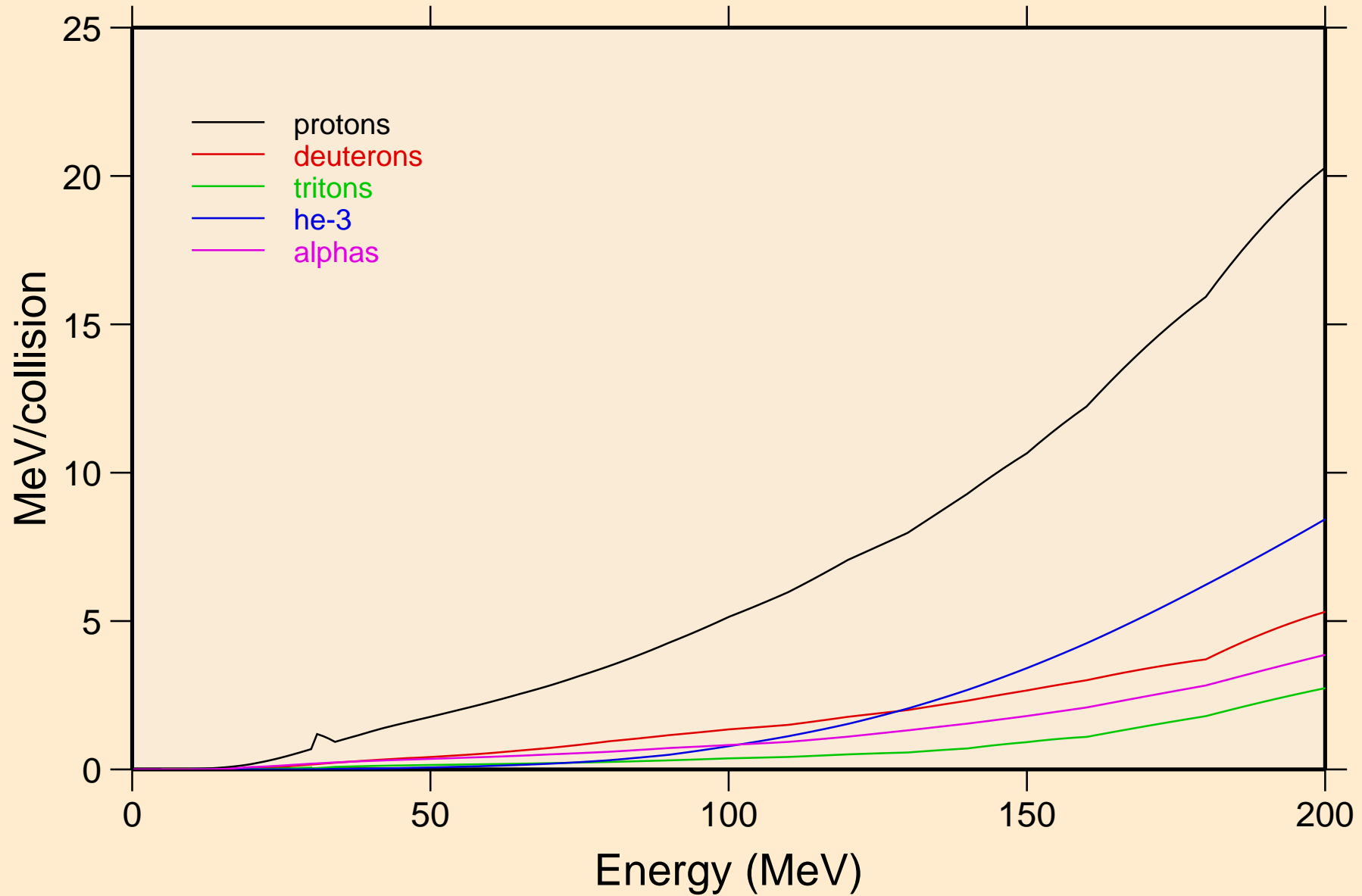


IN116N NRG TENDL-2015, AKONING  
14 MeV photon spectrum



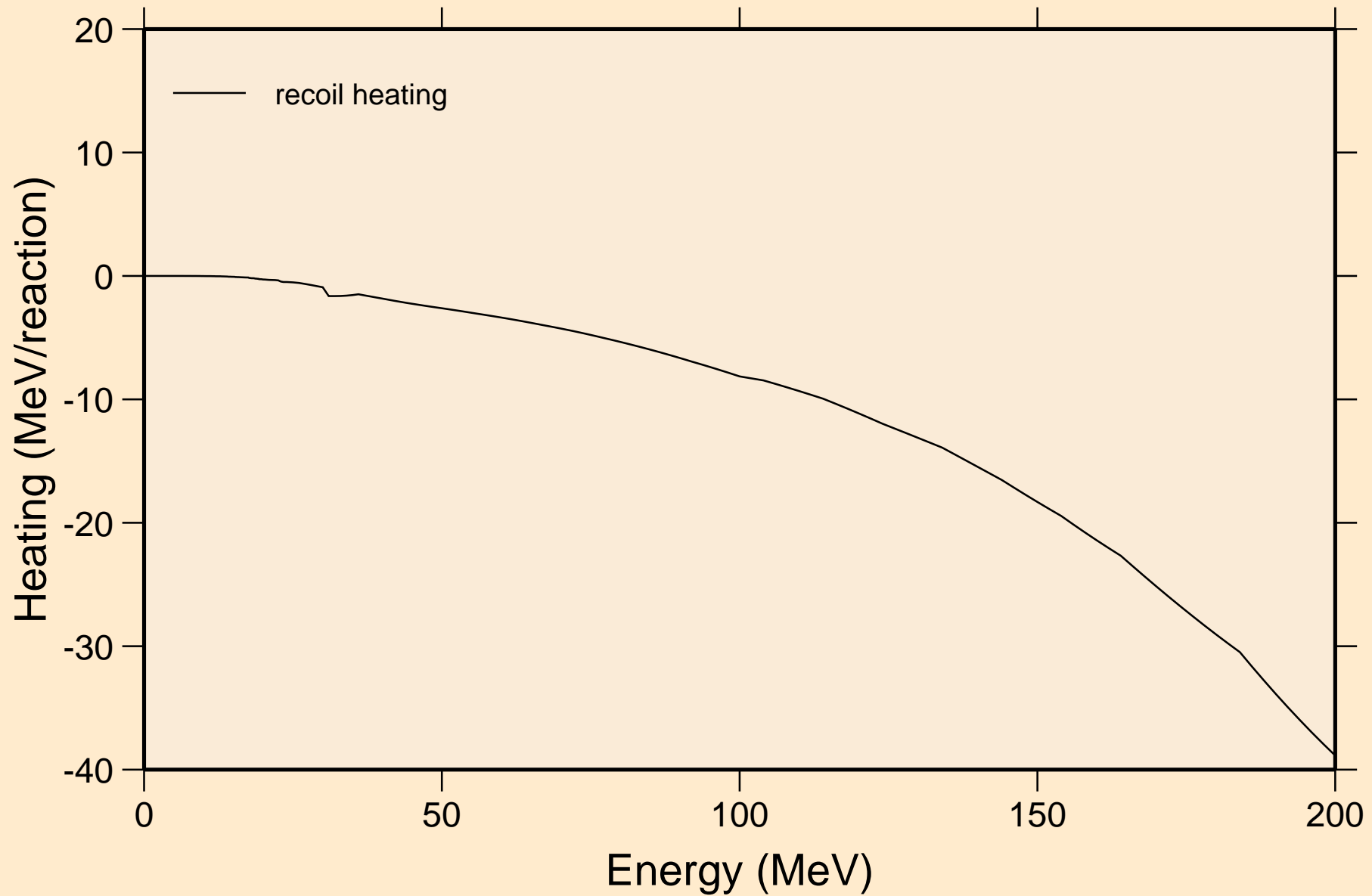
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## Particle heating contributions



# IN116N NRG TENDL-2015, AKONING

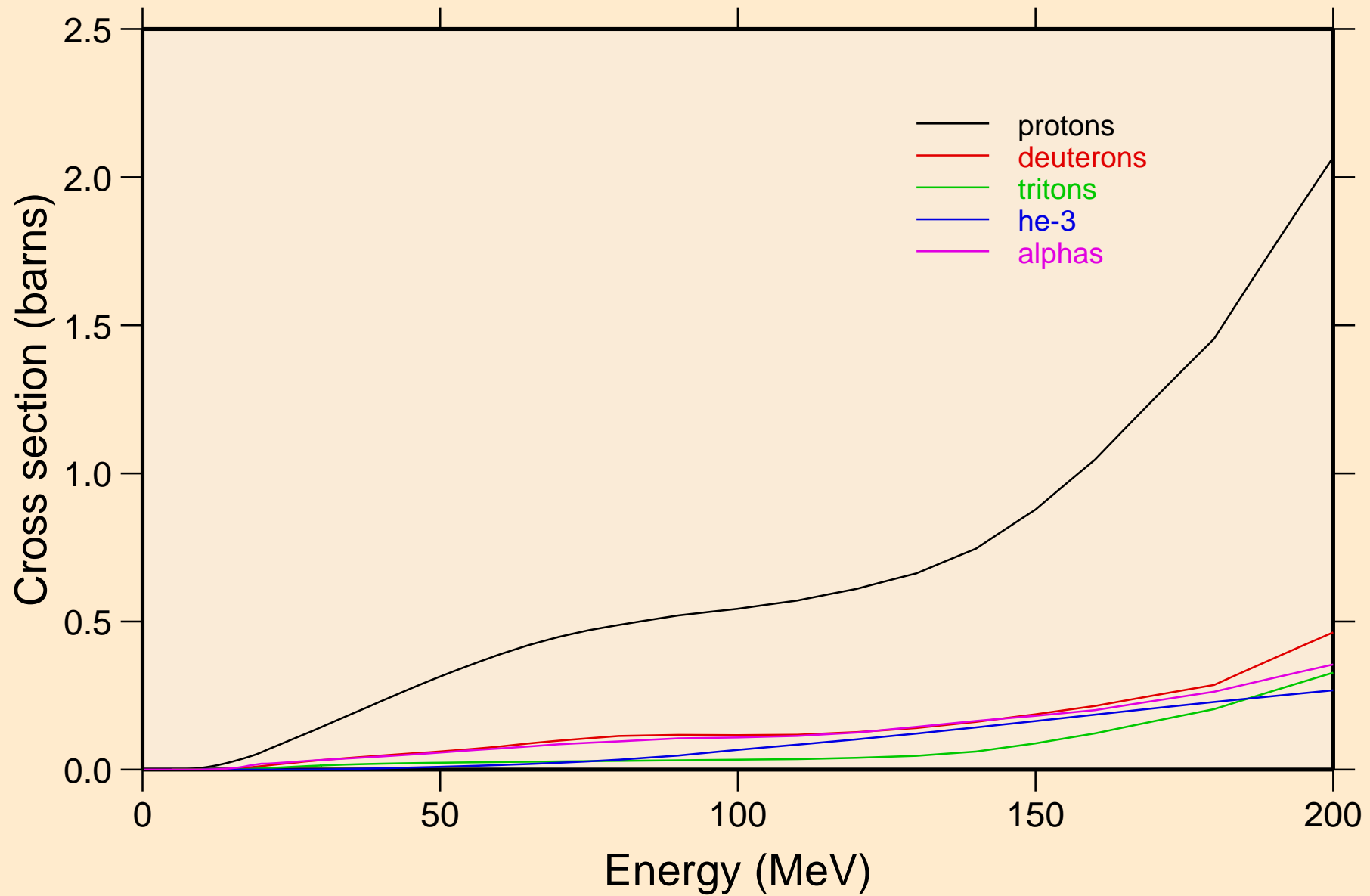
## Recoil Heating



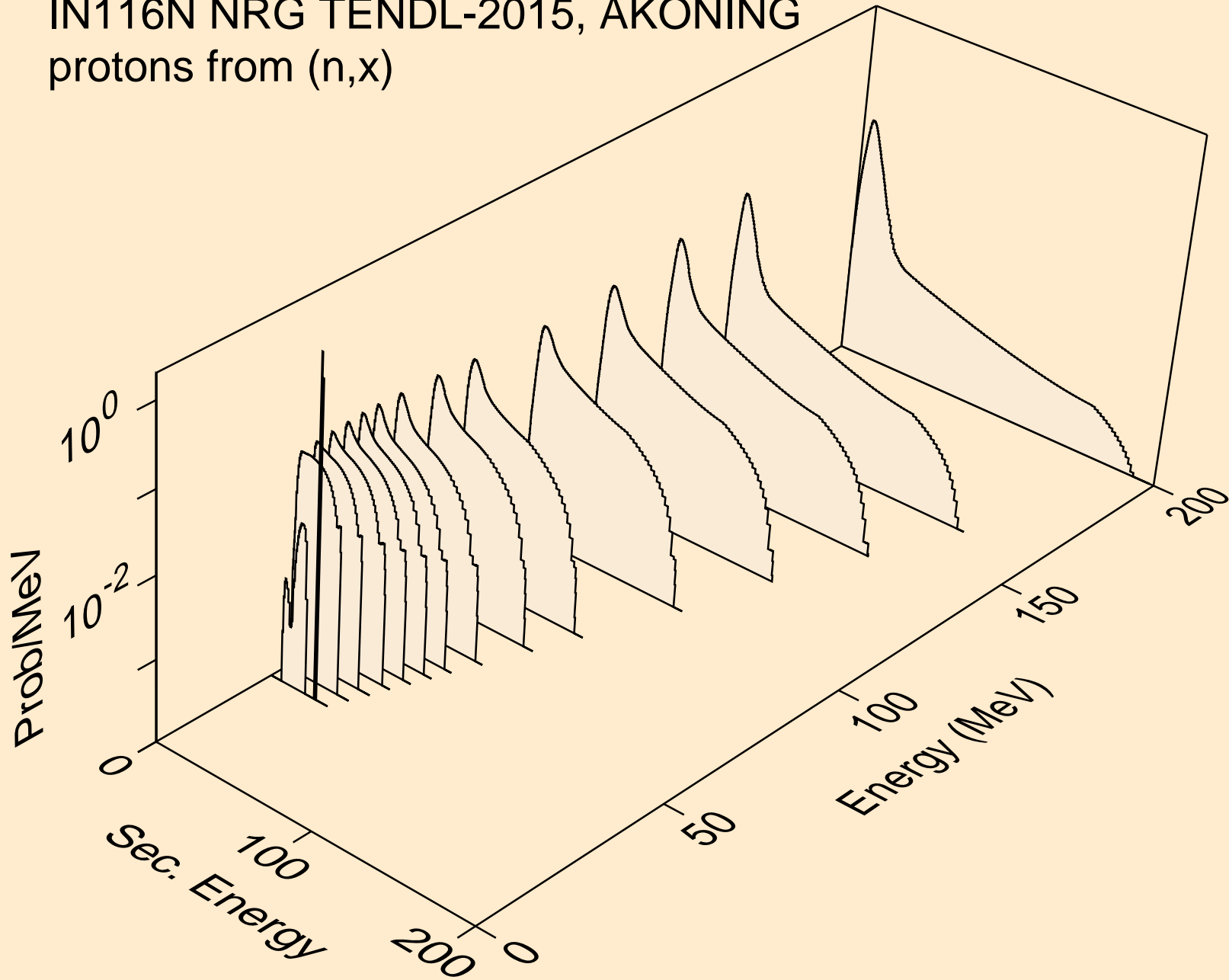


# IN116N NRG TENDL-2015, AKONING

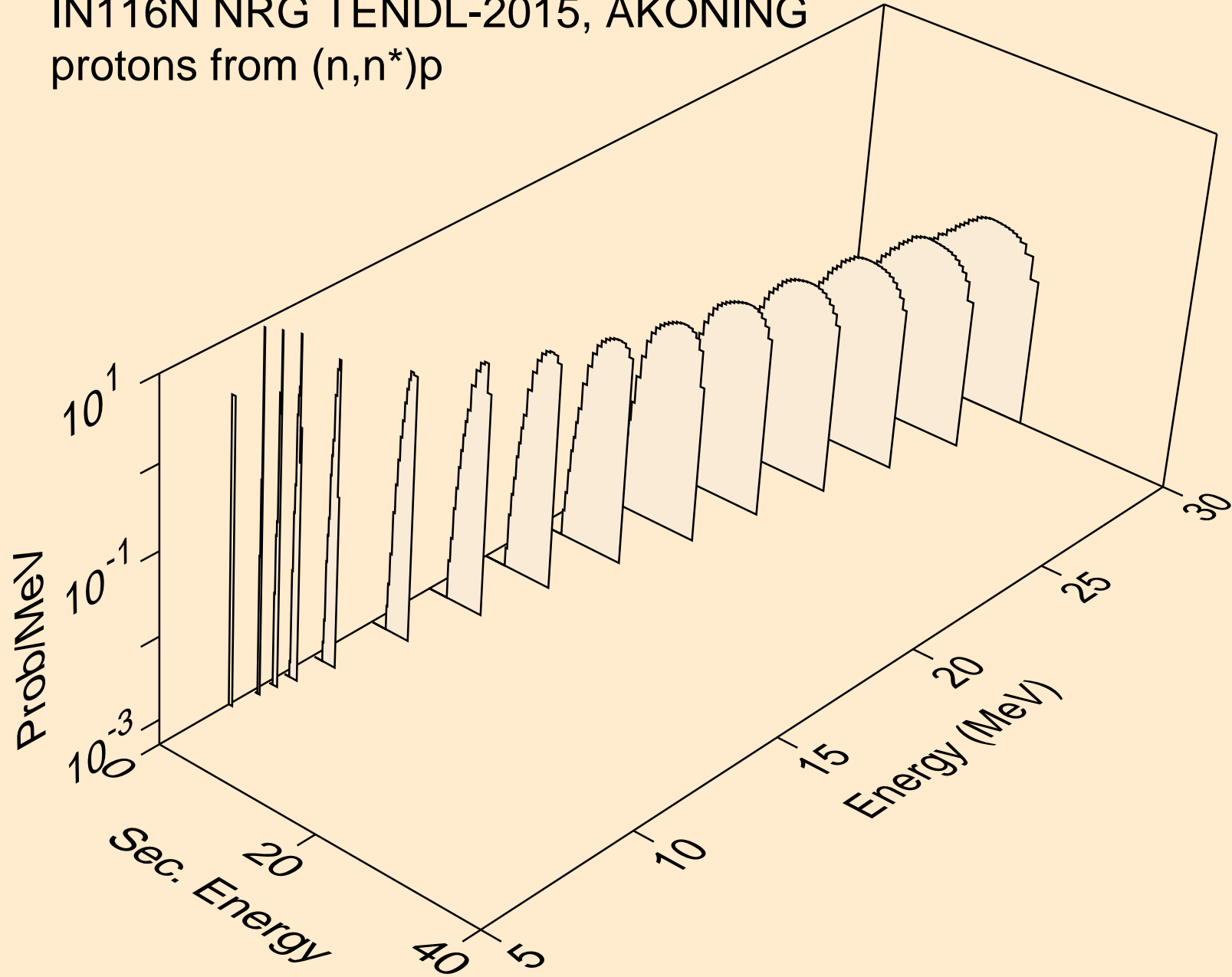
## Particle production cross sections



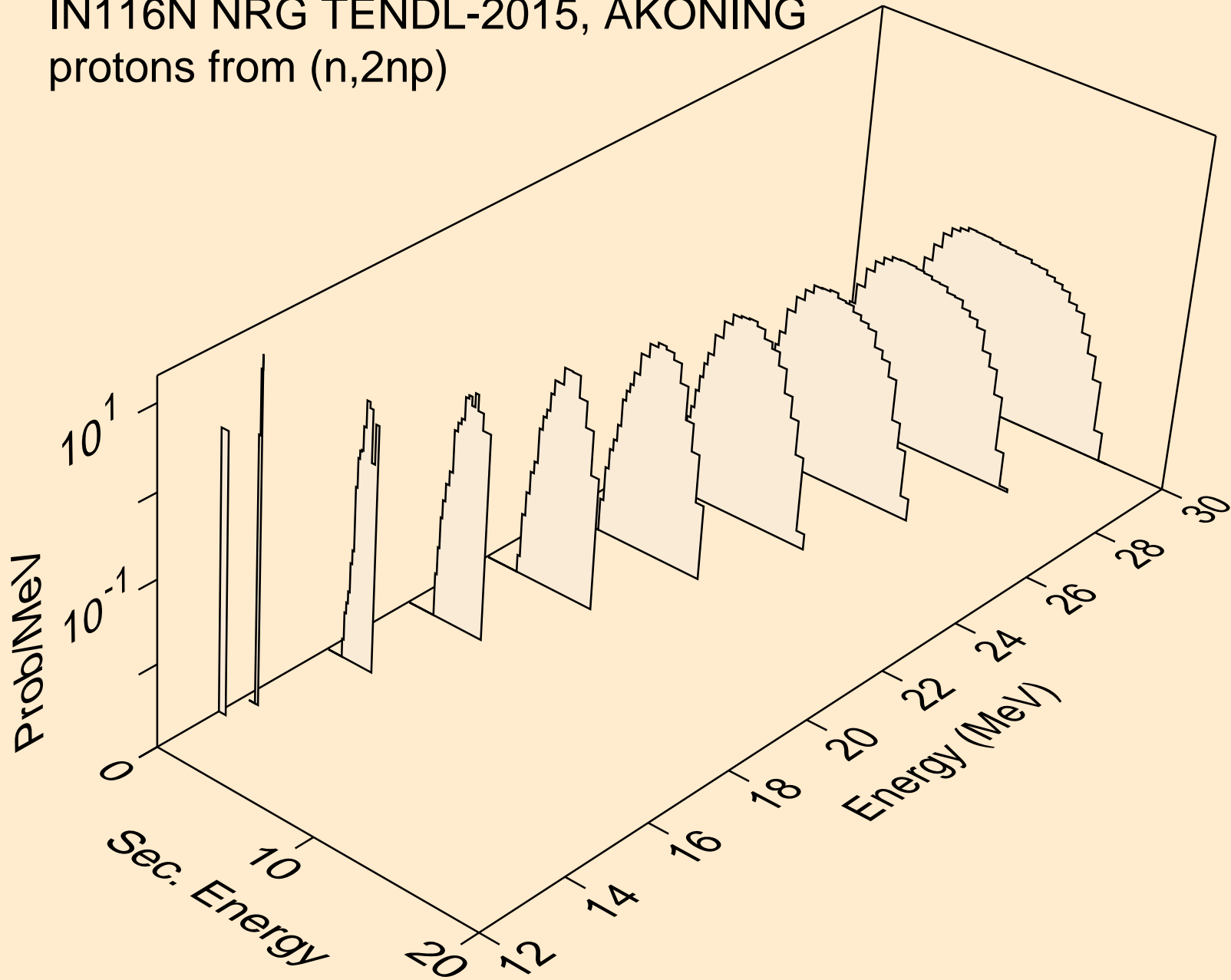
IN116N NRG TENDL-2015, AKONING  
protons from (n,x)



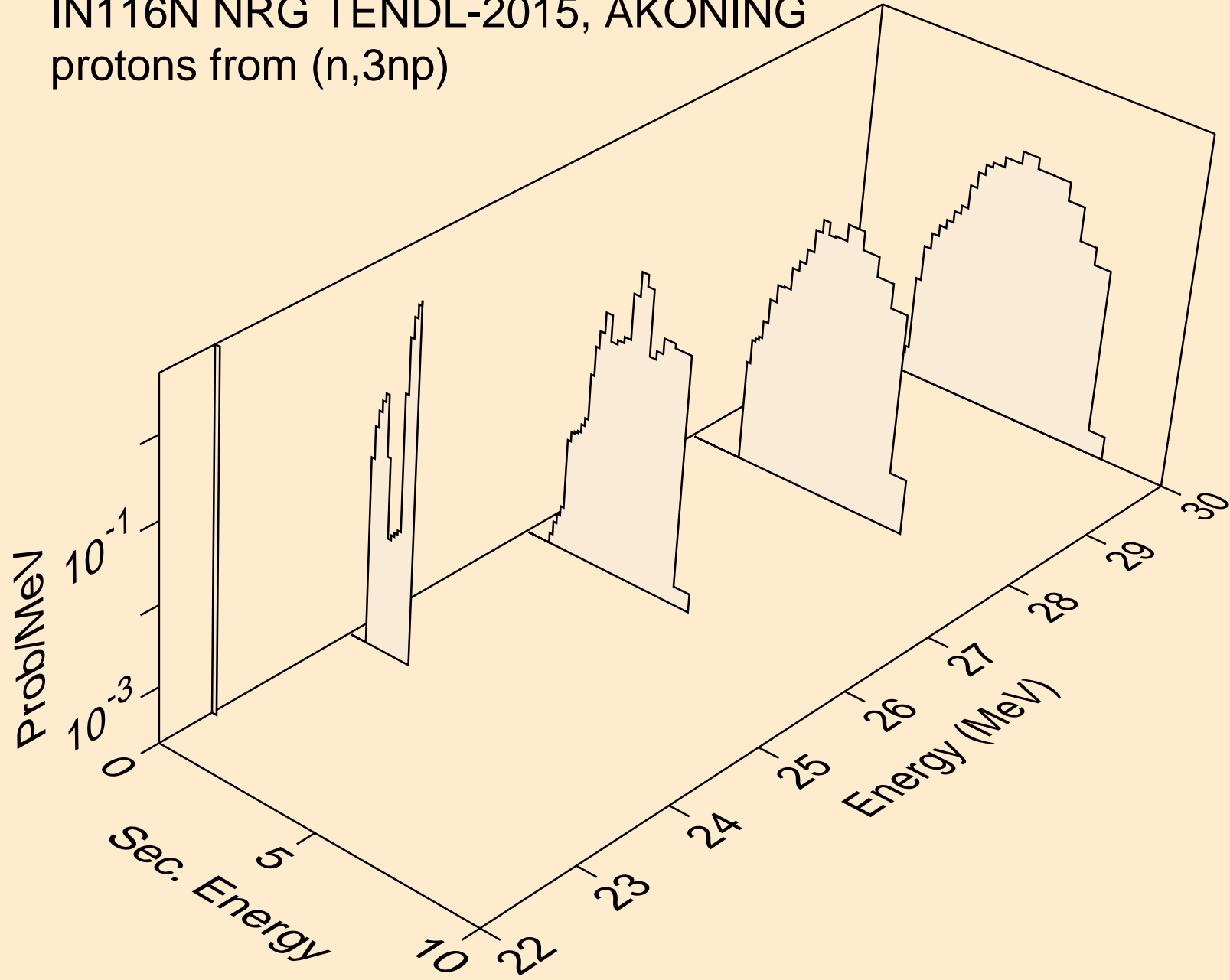
IN116N NRG TENDL-2015, AKONING  
protons from (n,n\*)p



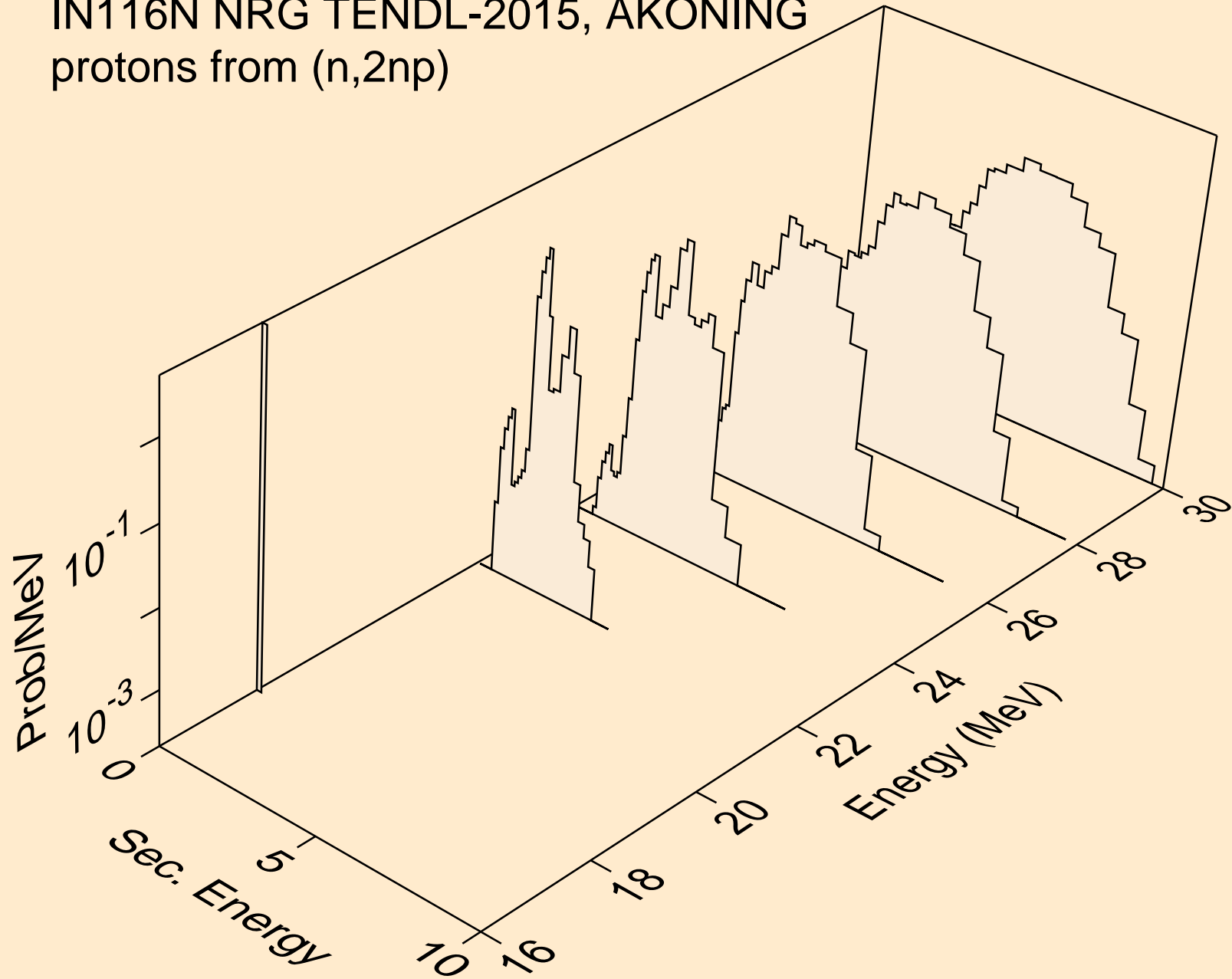
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protons from (n,2np)



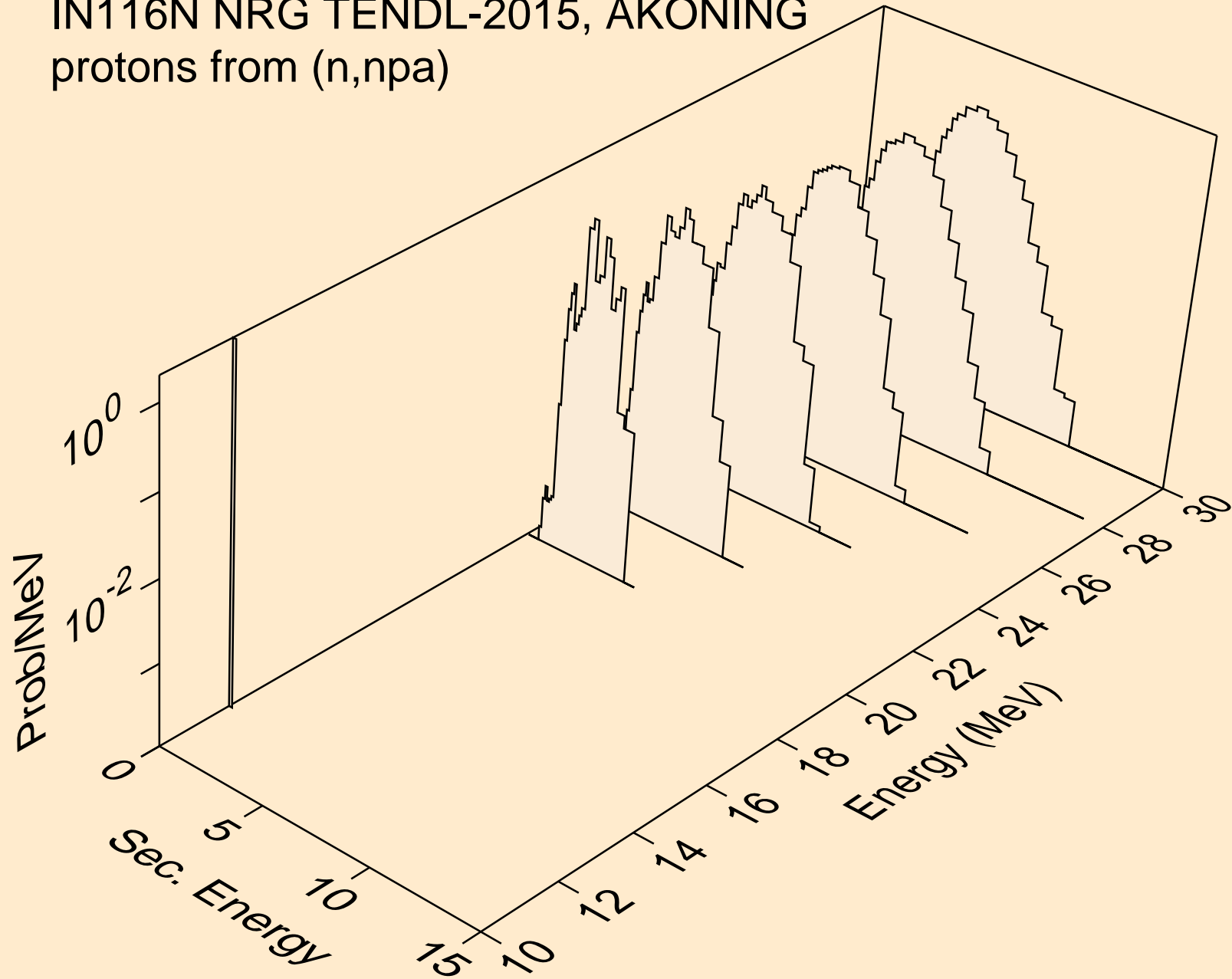
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protons from (n,3np)



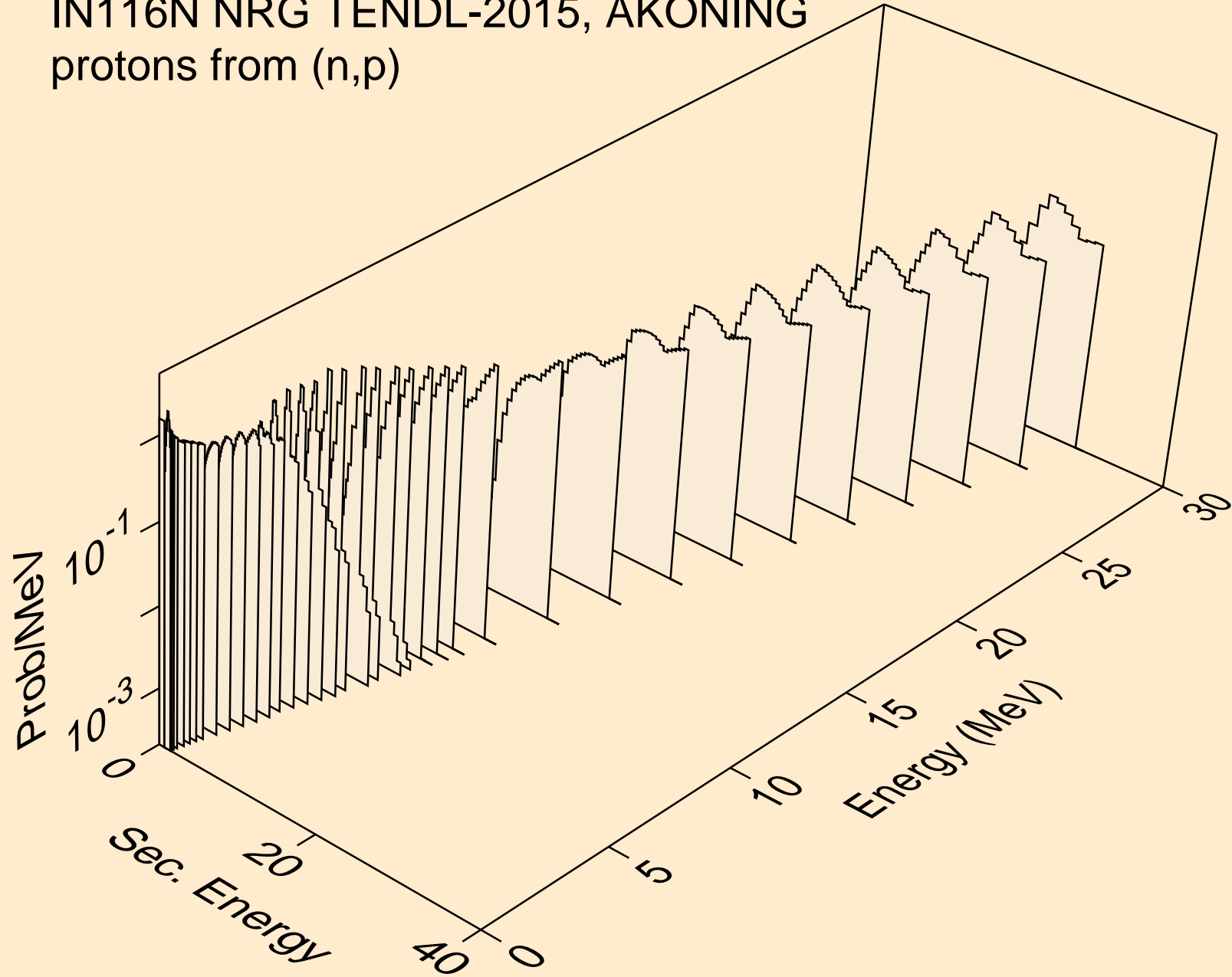
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protons from (n,2np)



IN116N NRG TENDL-2015, AKONING  
protons from (n,npa)

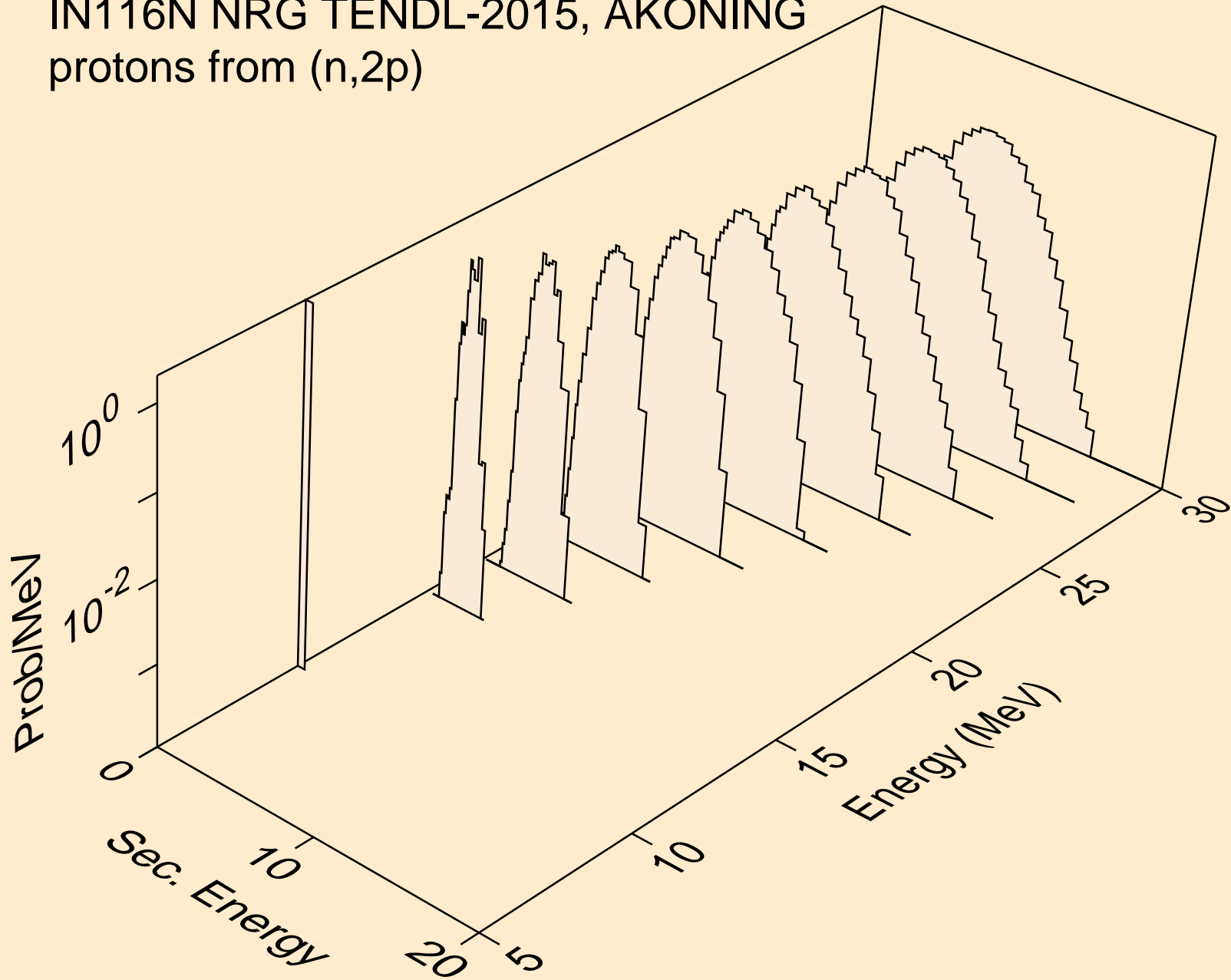


IN116N NRG TENDL-2015, AKONING  
protons from (n,p)

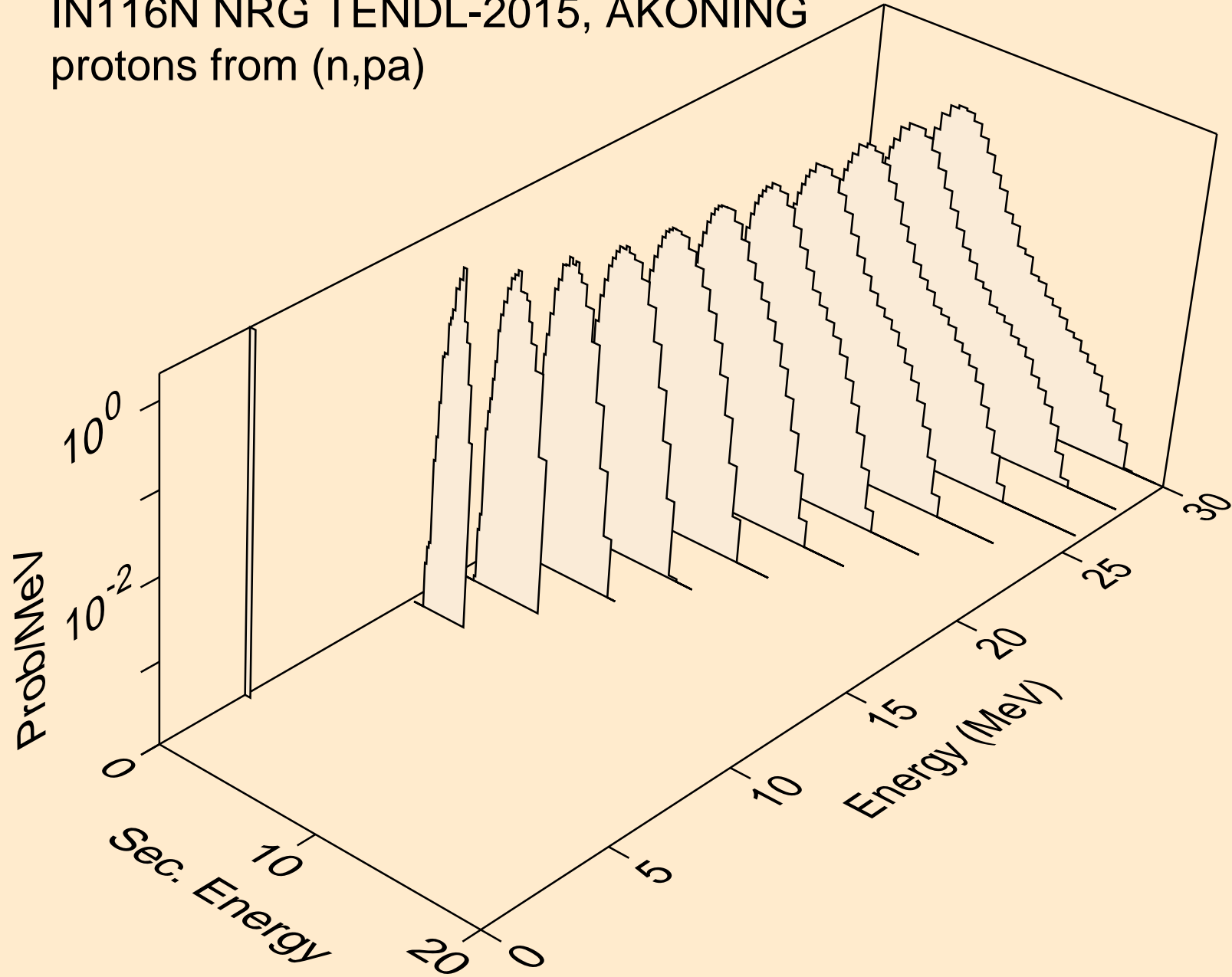




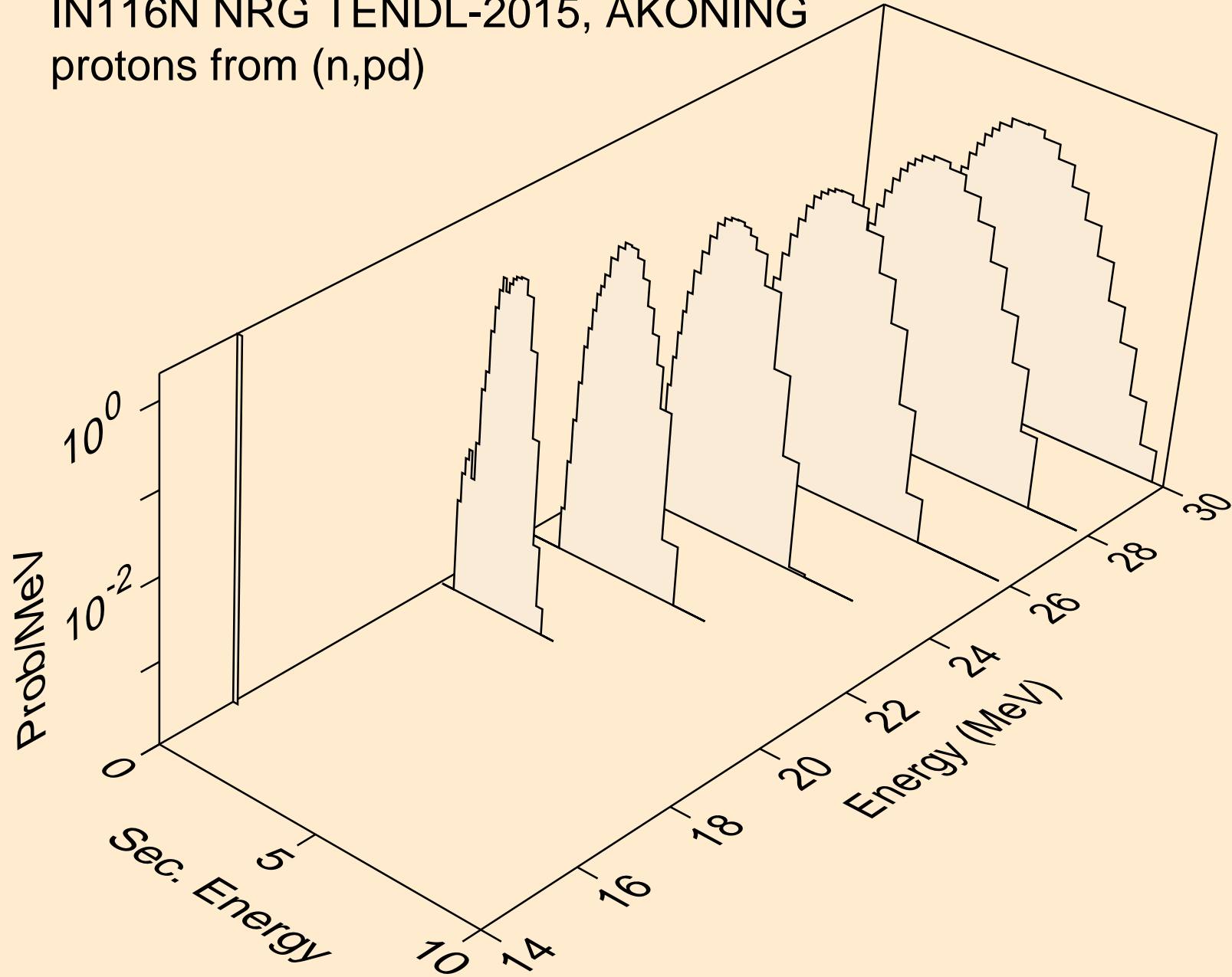
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protons from (n,2p)



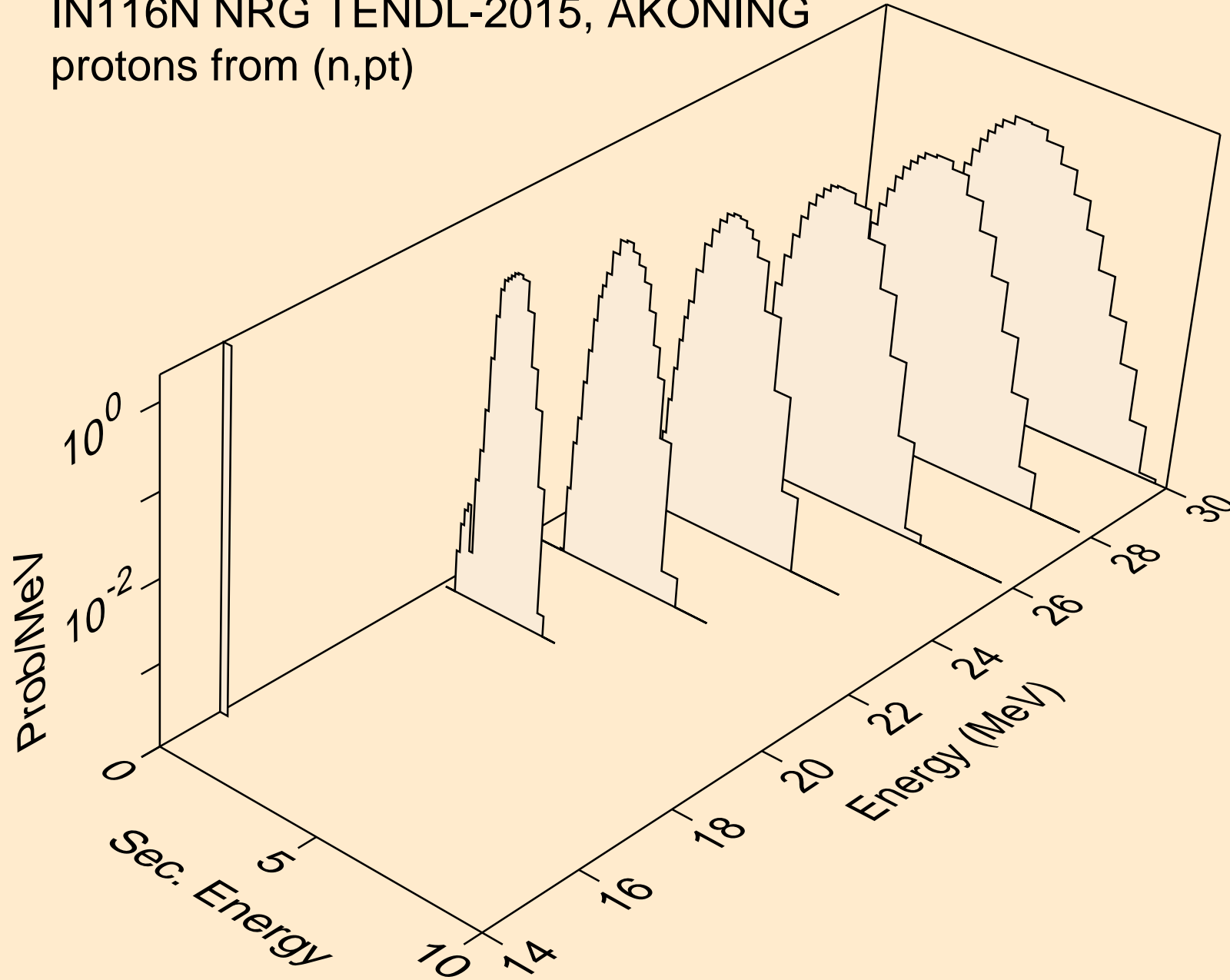
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protons from (n,pa)



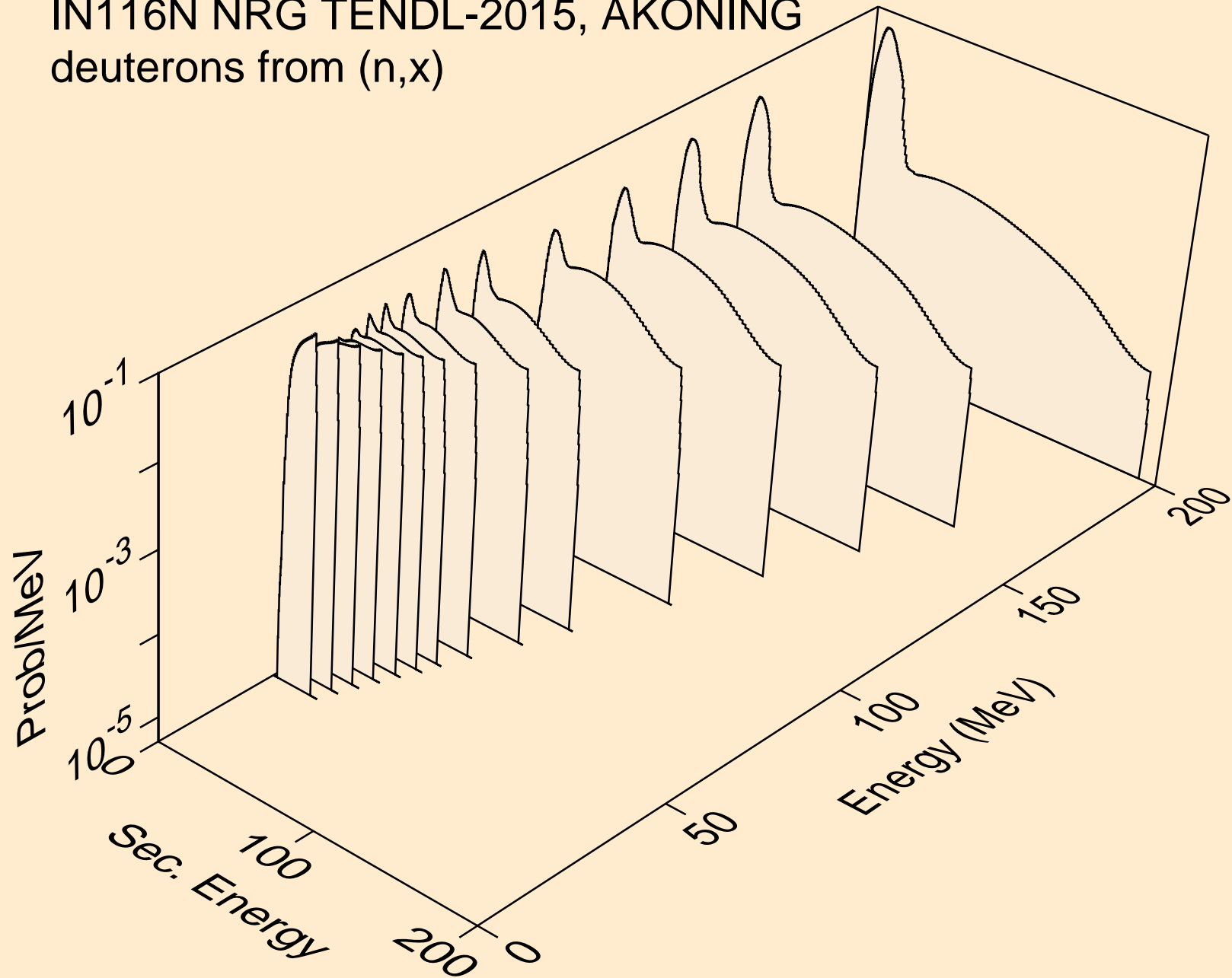
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protons from (n,pd)



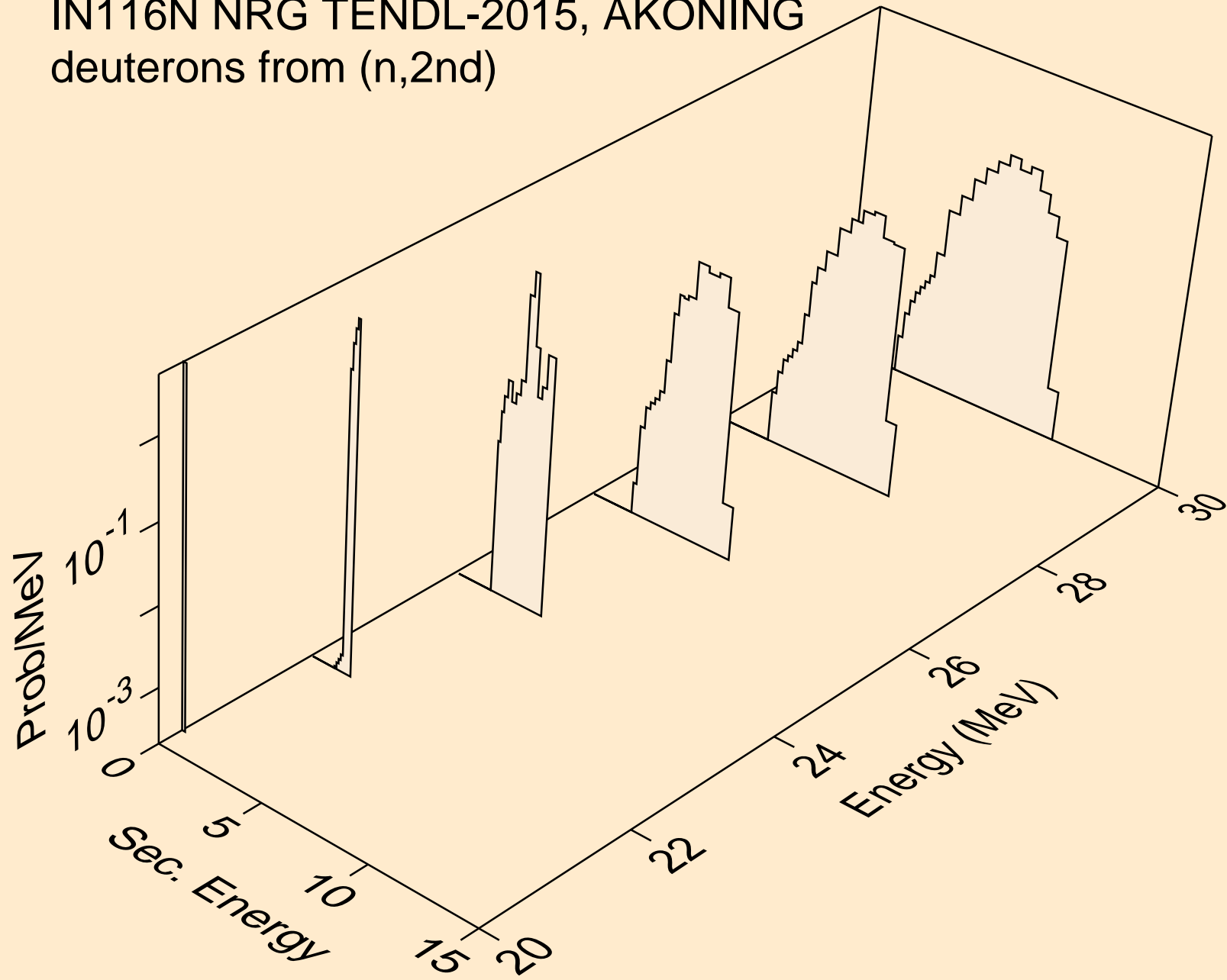
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protons from (n,pt)



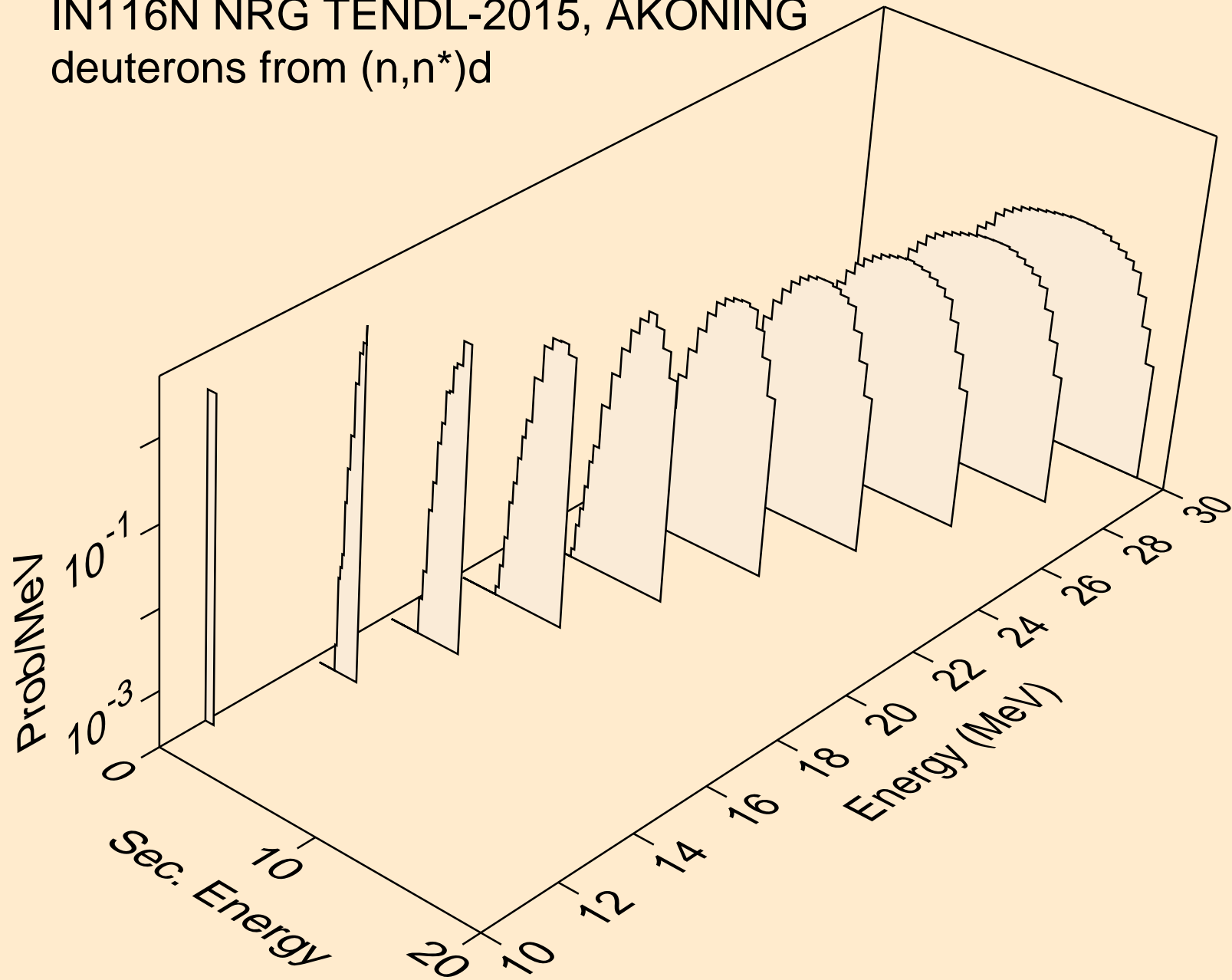
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deuterons from (n,x)



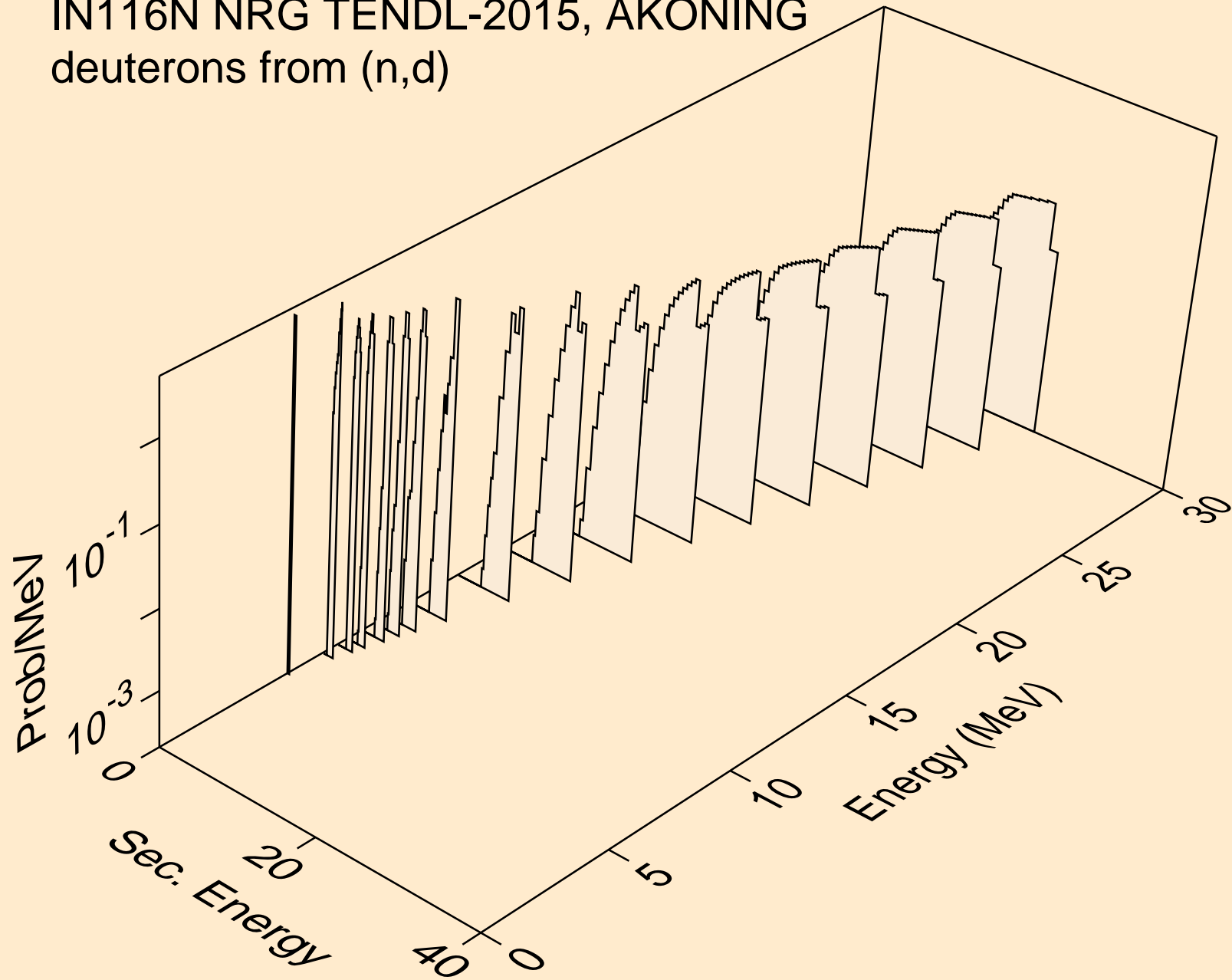
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deuterons from (n,2nd)



IN116N NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

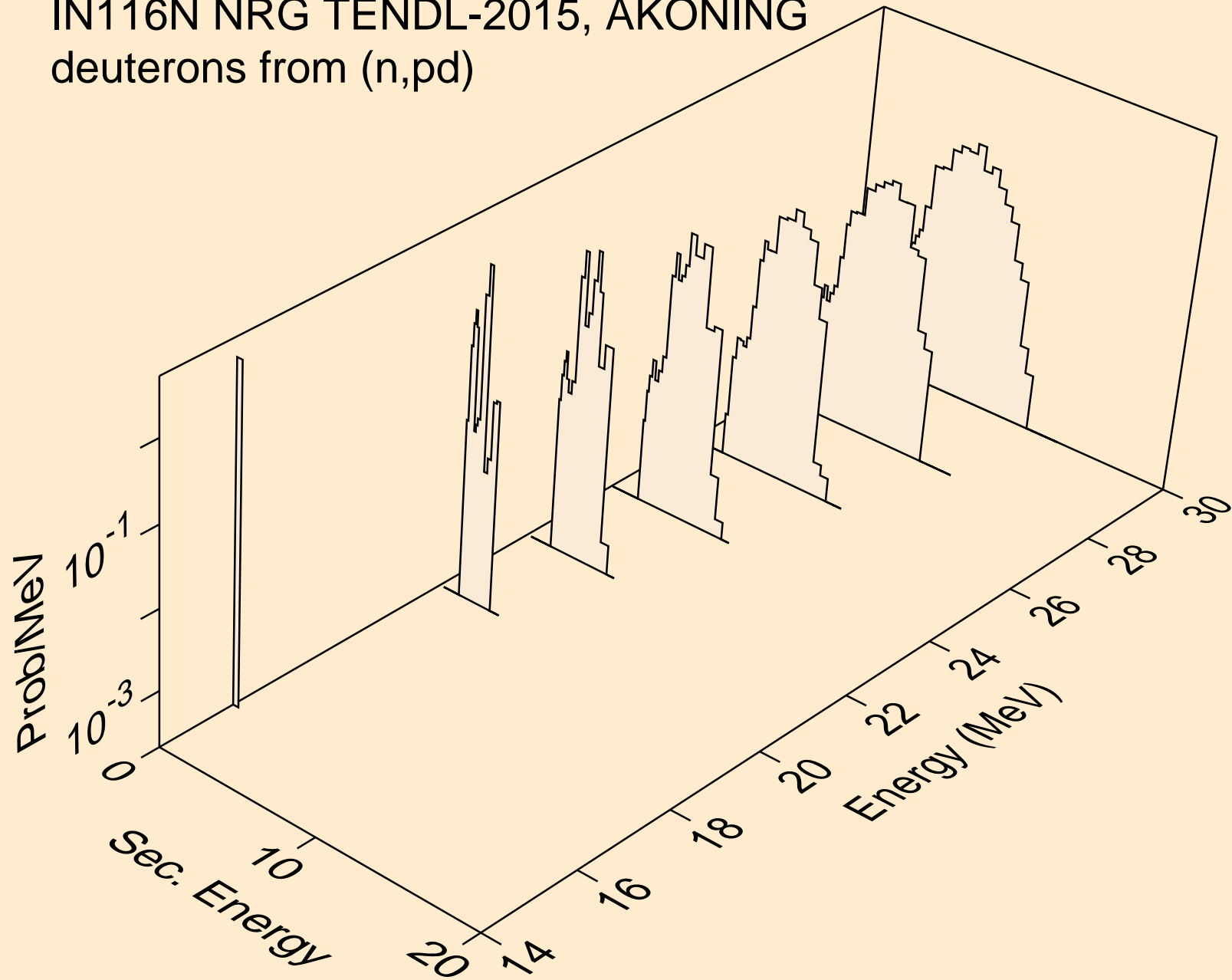


IN116N NRG TENDL-2015, AKONING  
deuterons from (n,d)

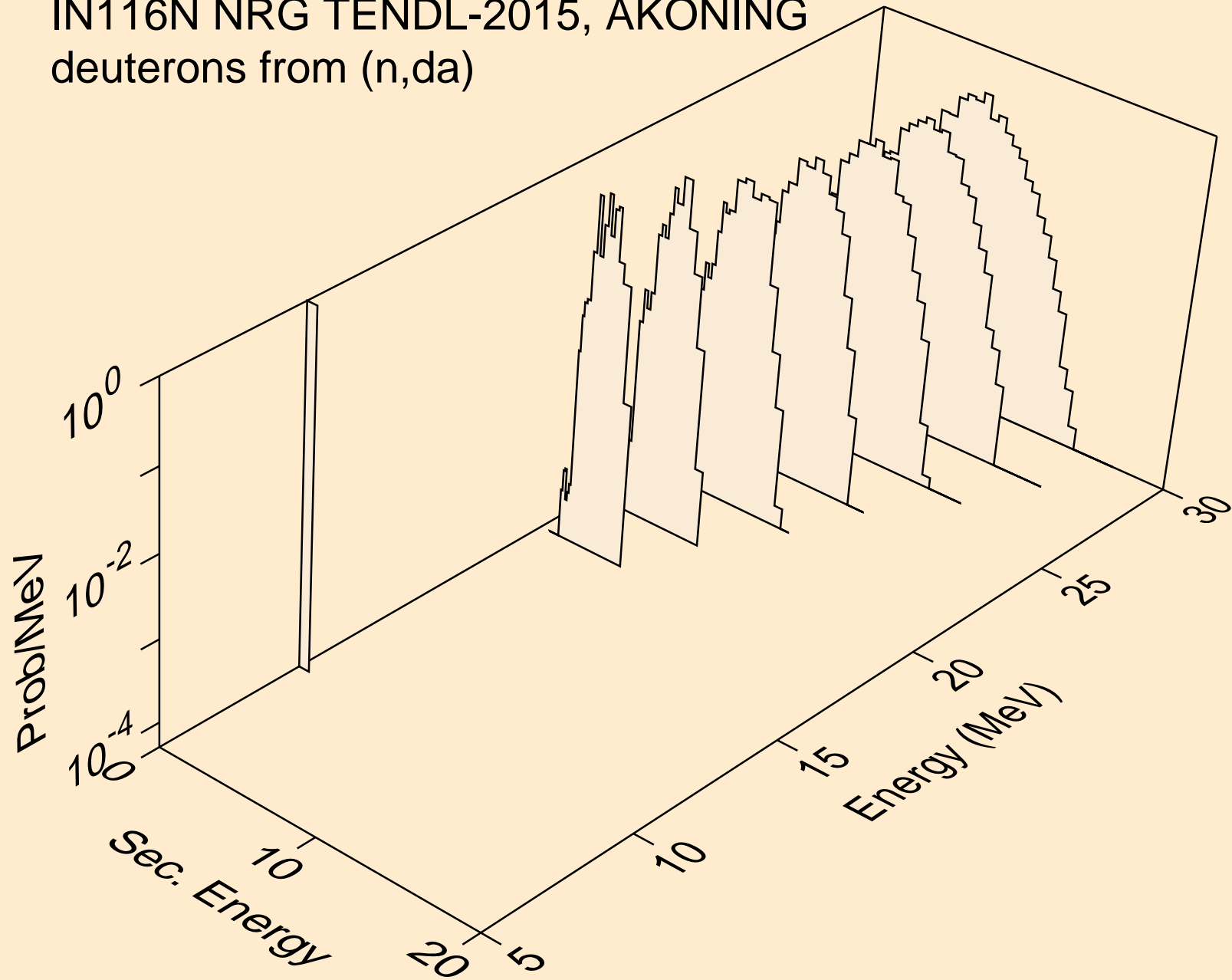




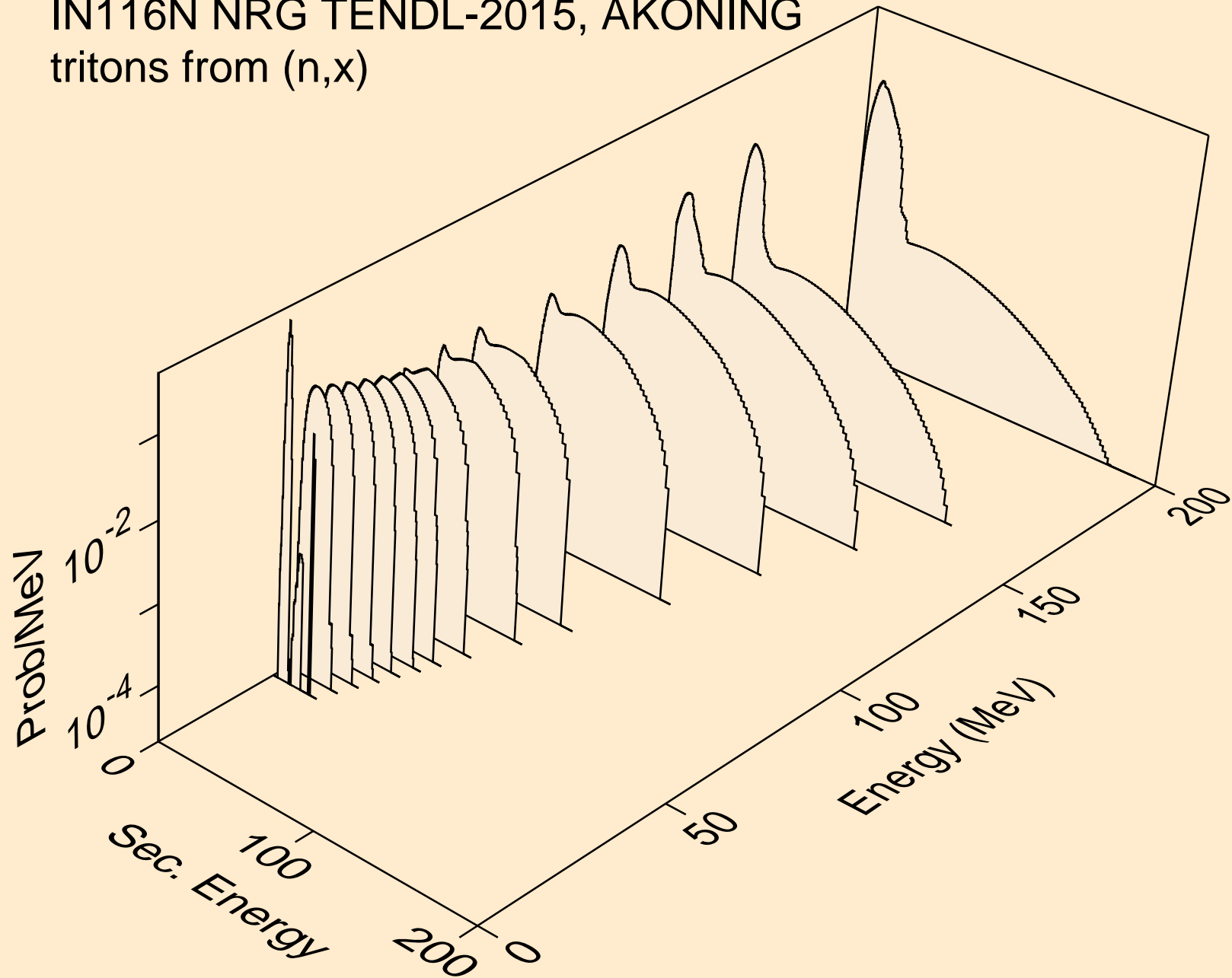
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deuterons from (n,pd)



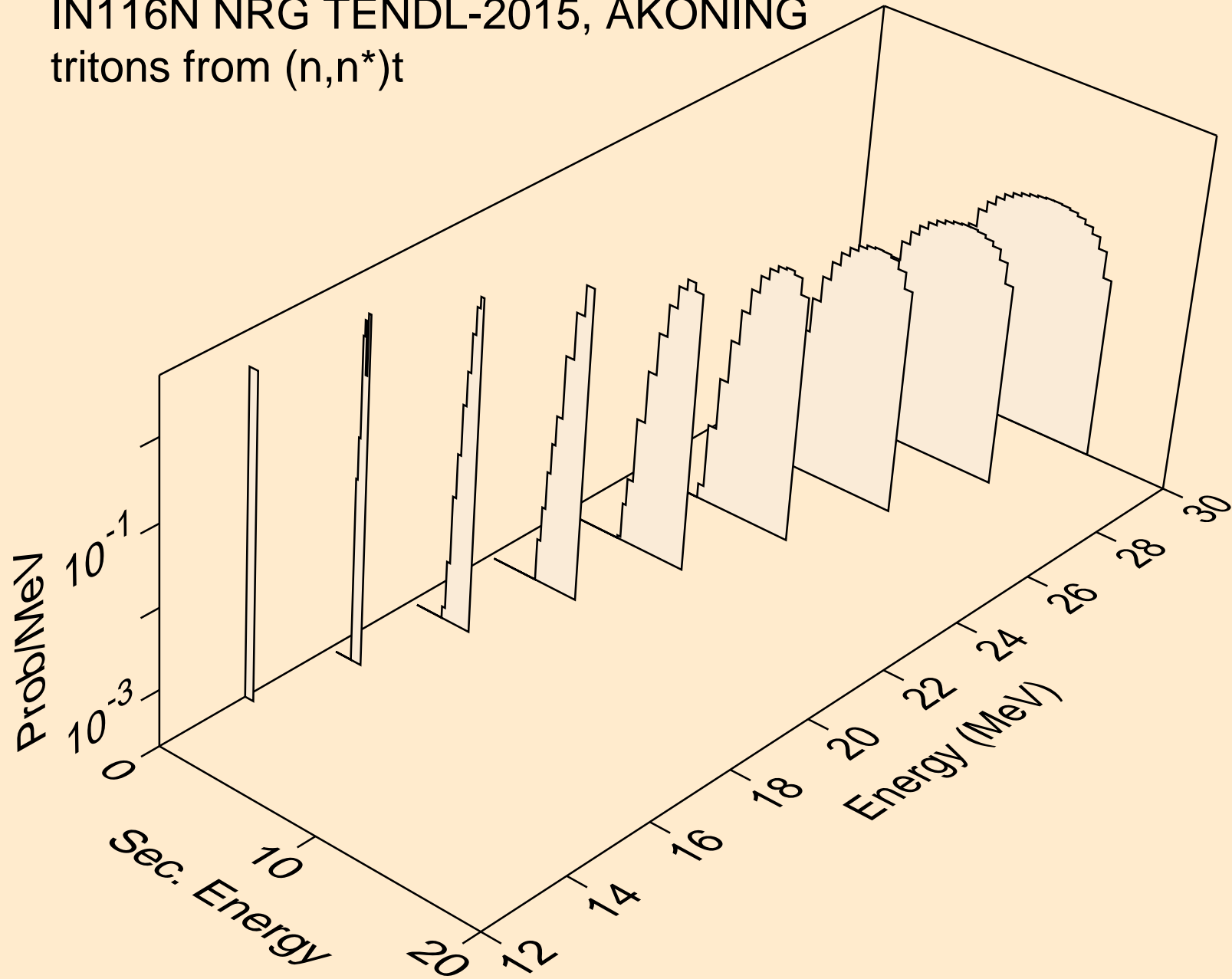
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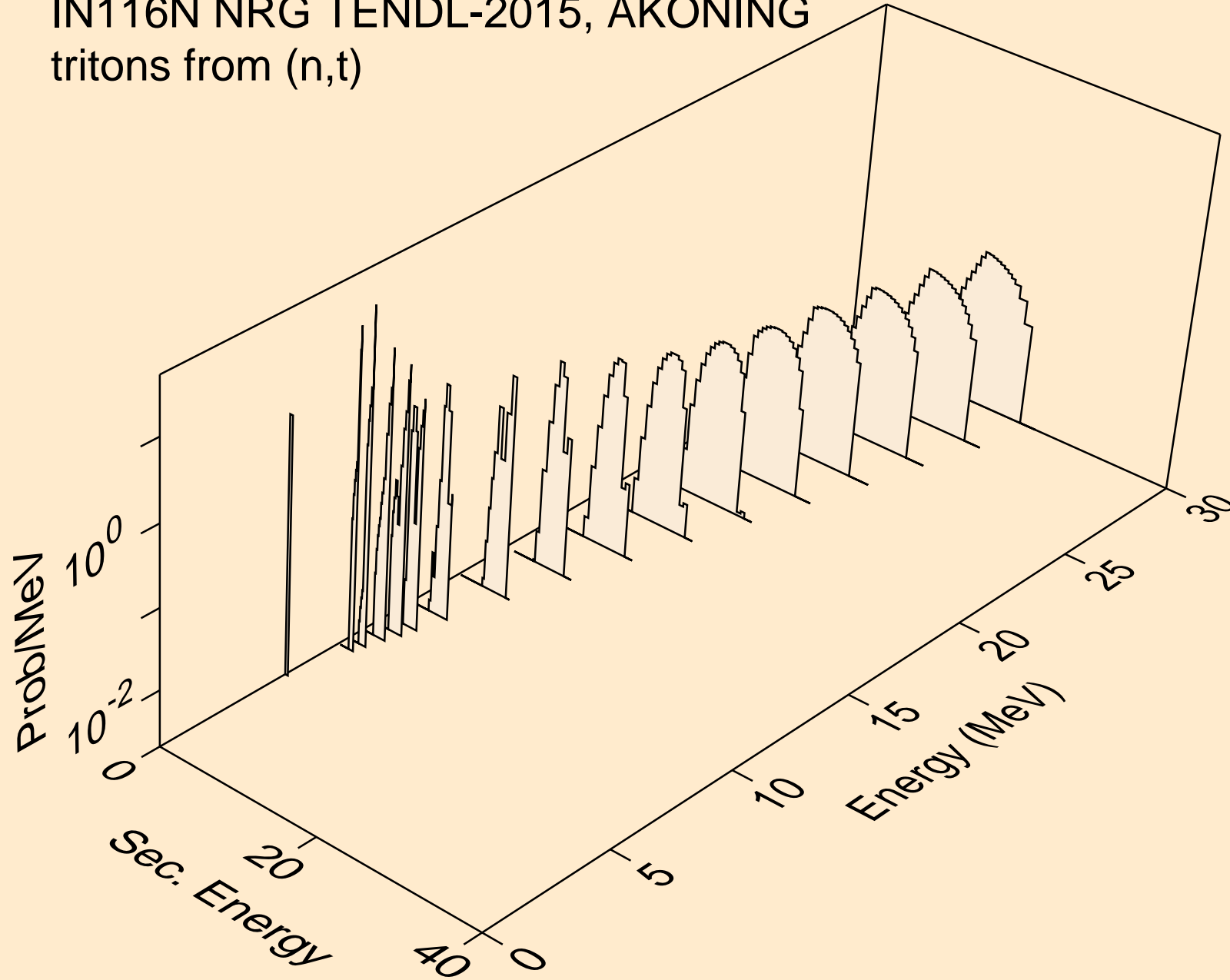
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tritons from (n,x)



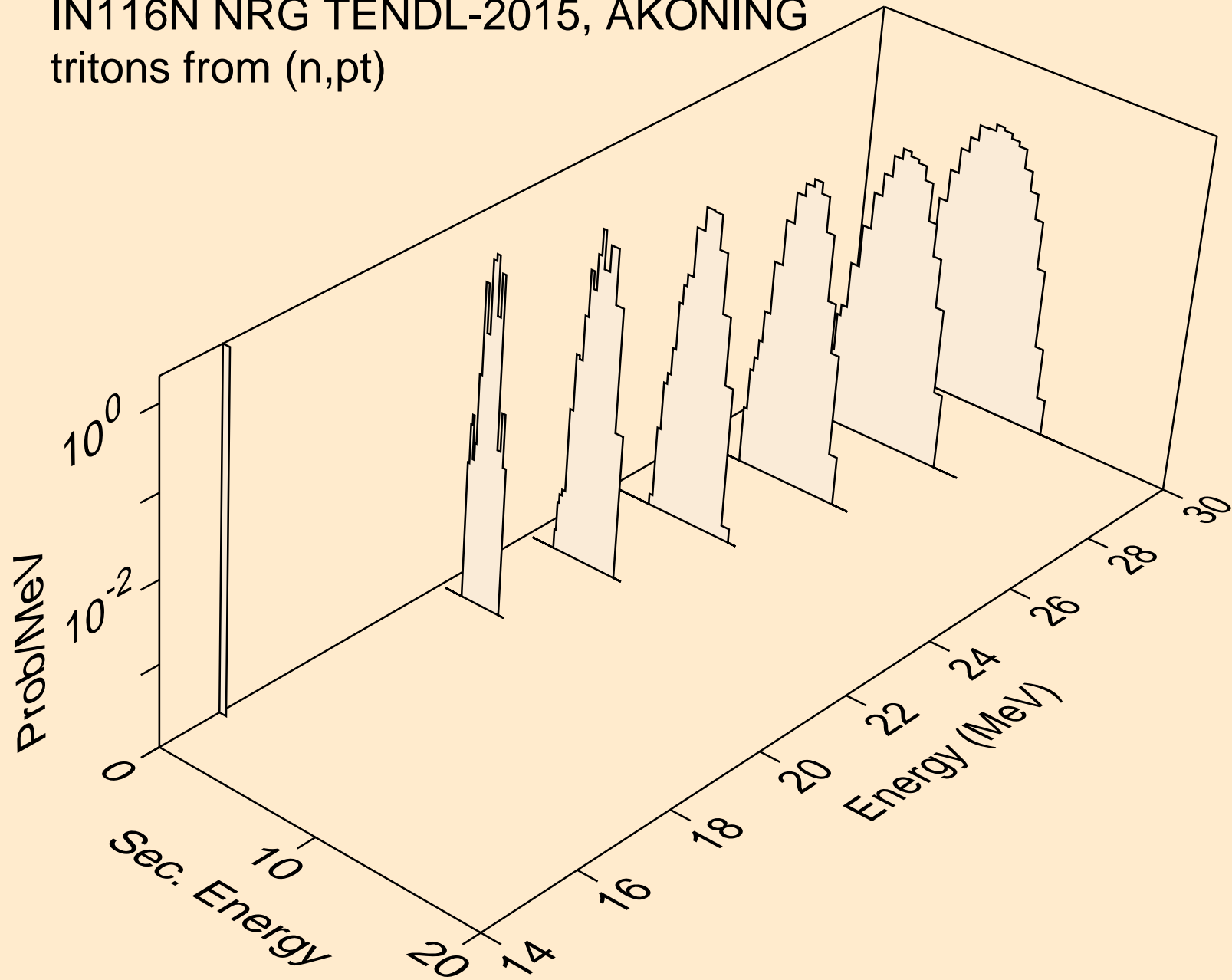
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tritons from (n,n\*)t



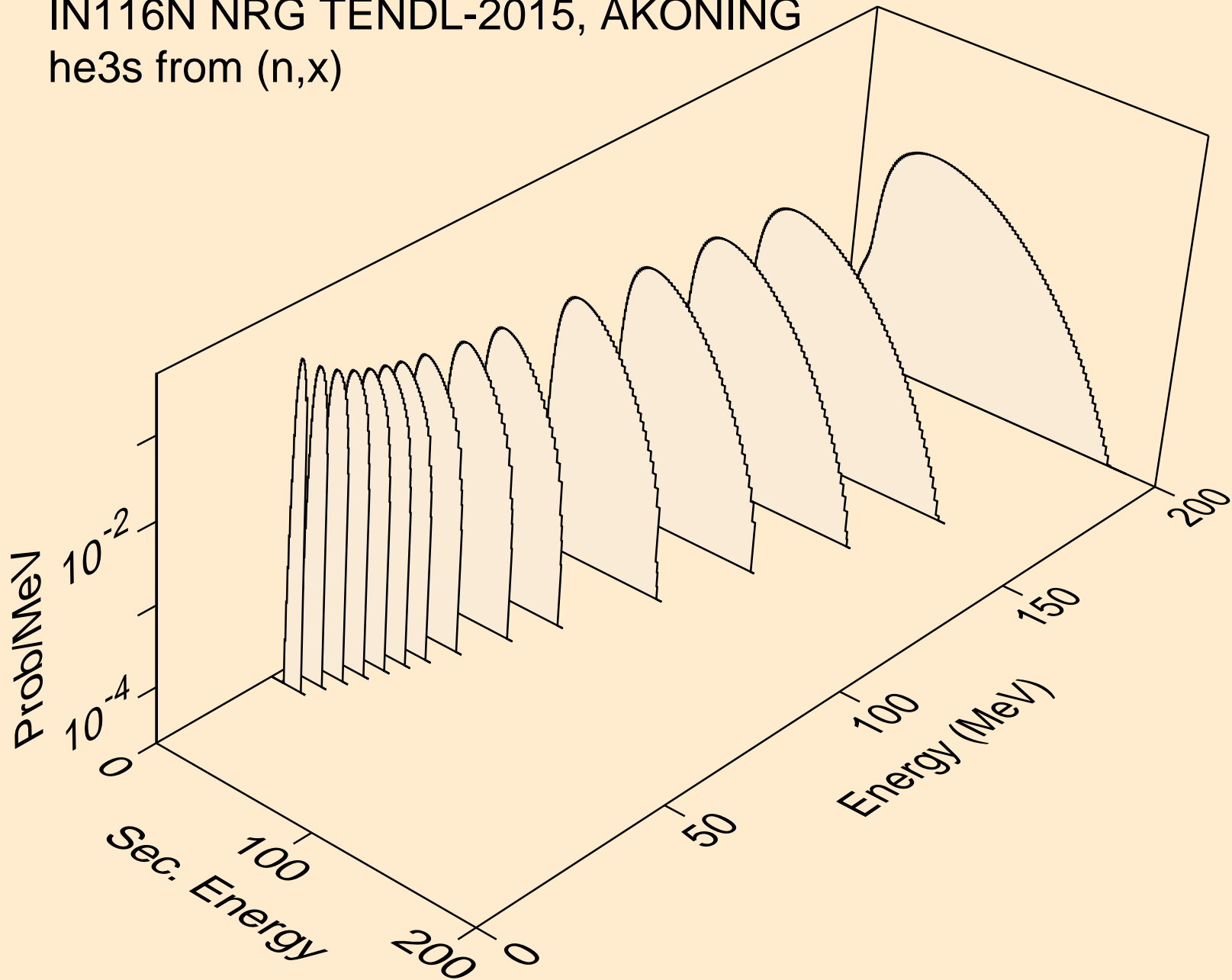
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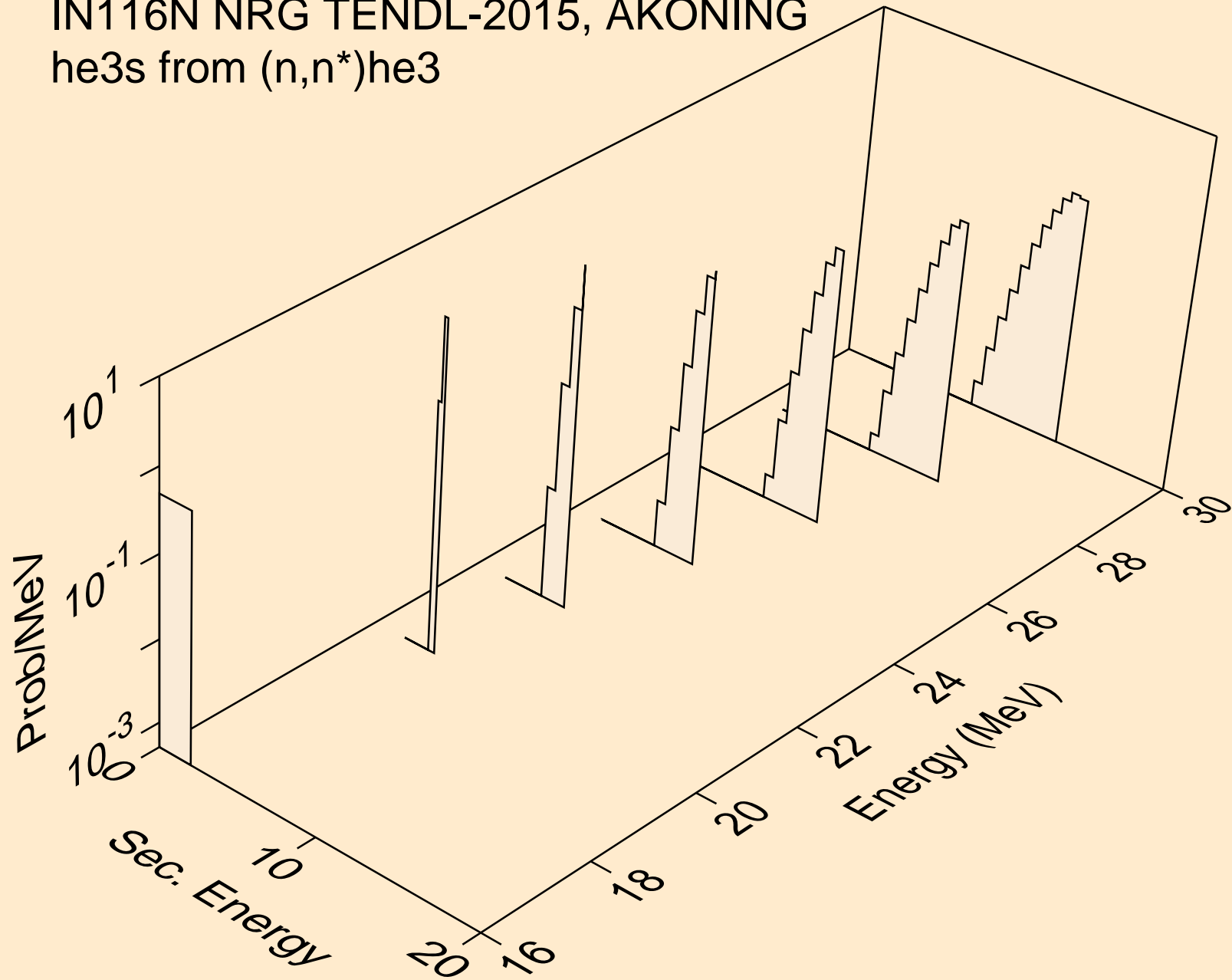
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tritons from (n,pt)



IN116N NRG TENDL-2015, AKONING  
he3s from (n,x)

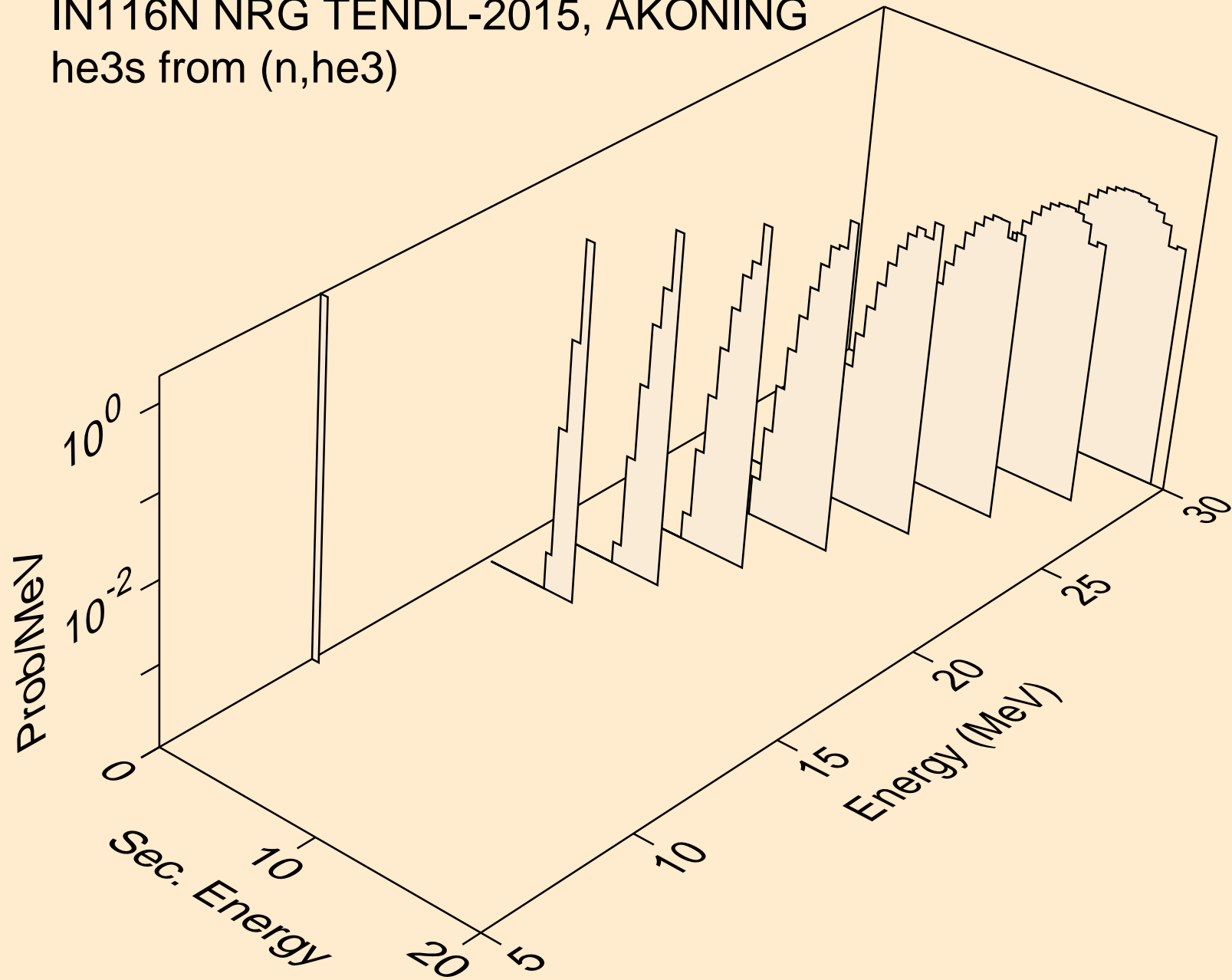


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he3s from (n,n\*)he3

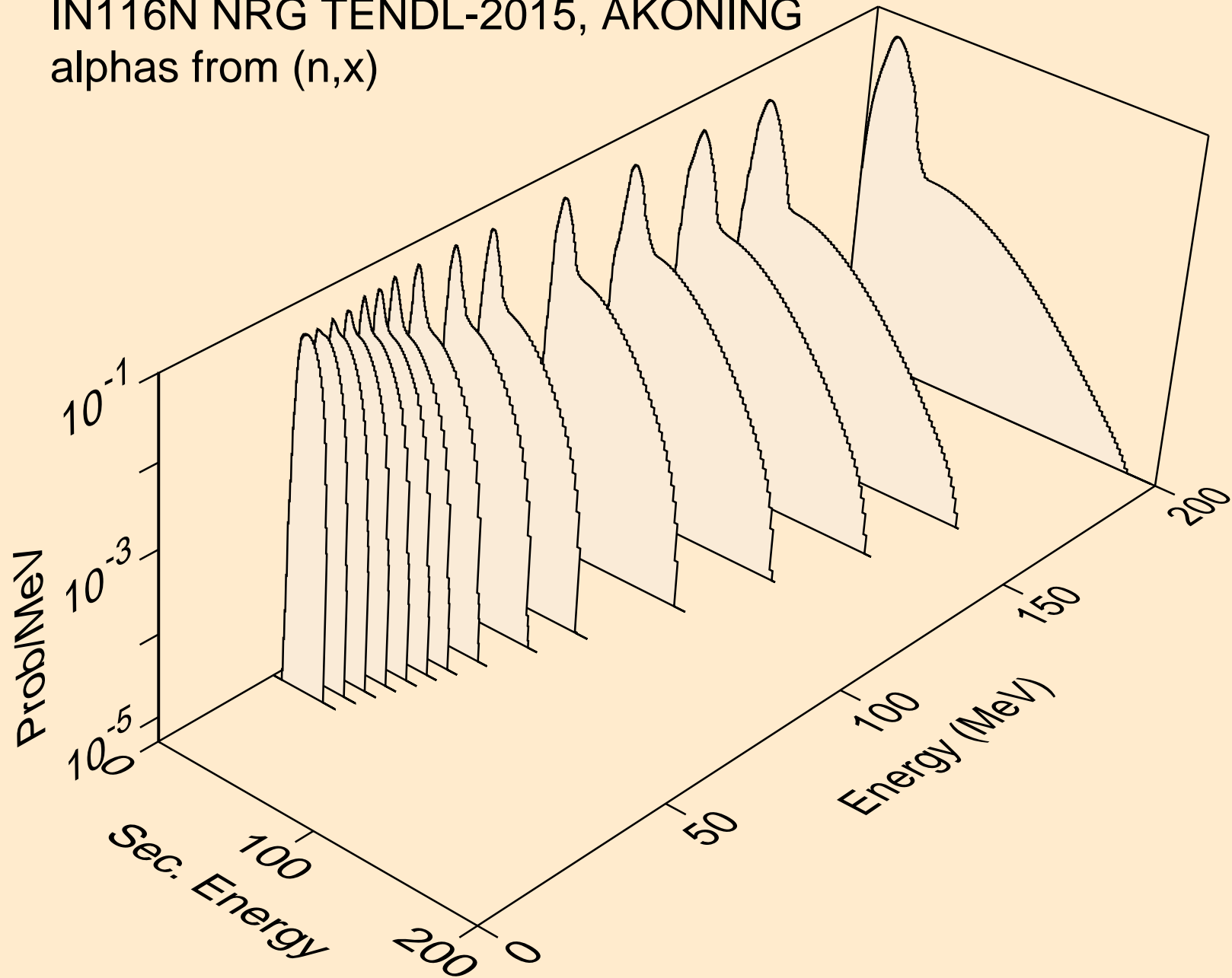




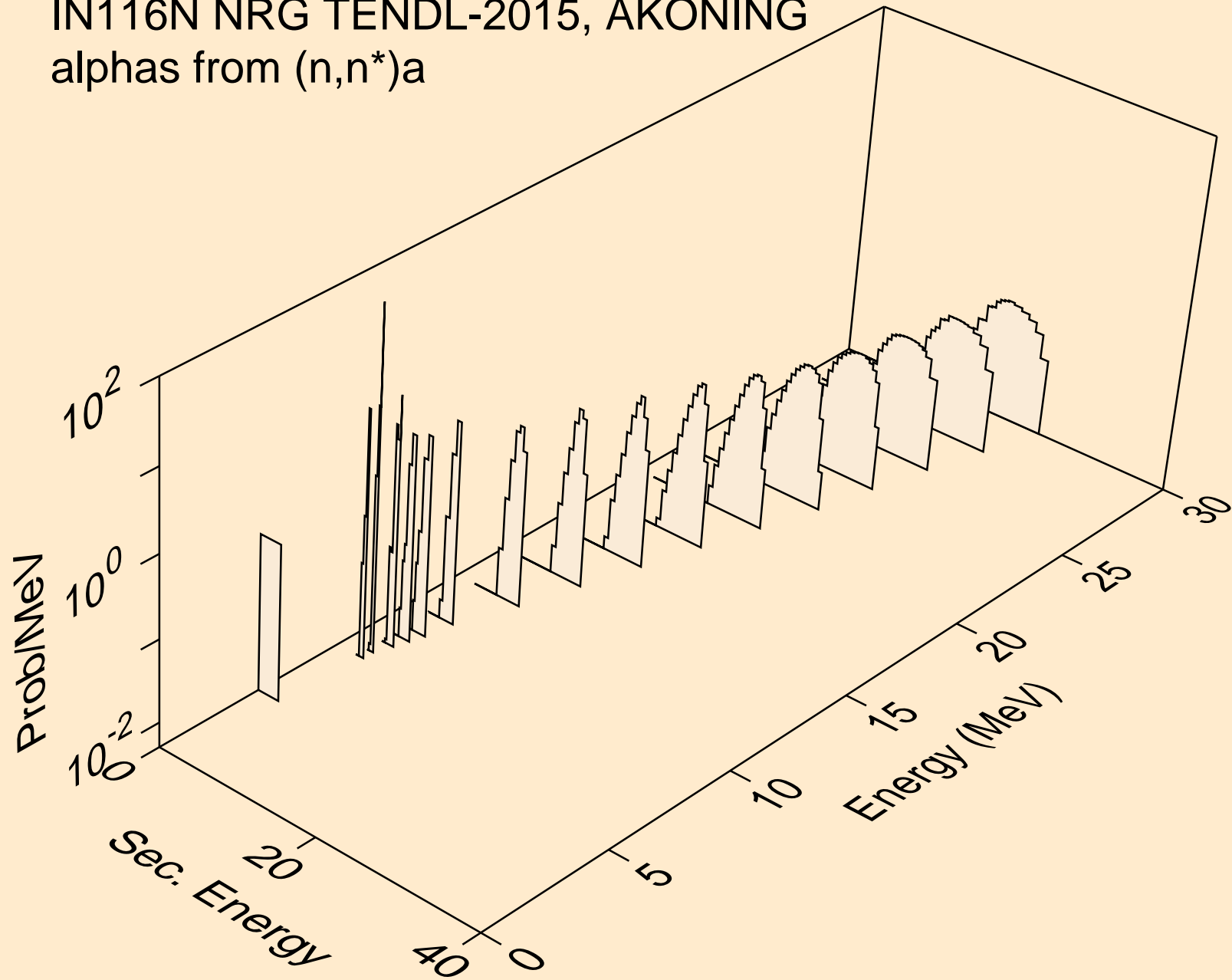
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he3s from (n,he3)



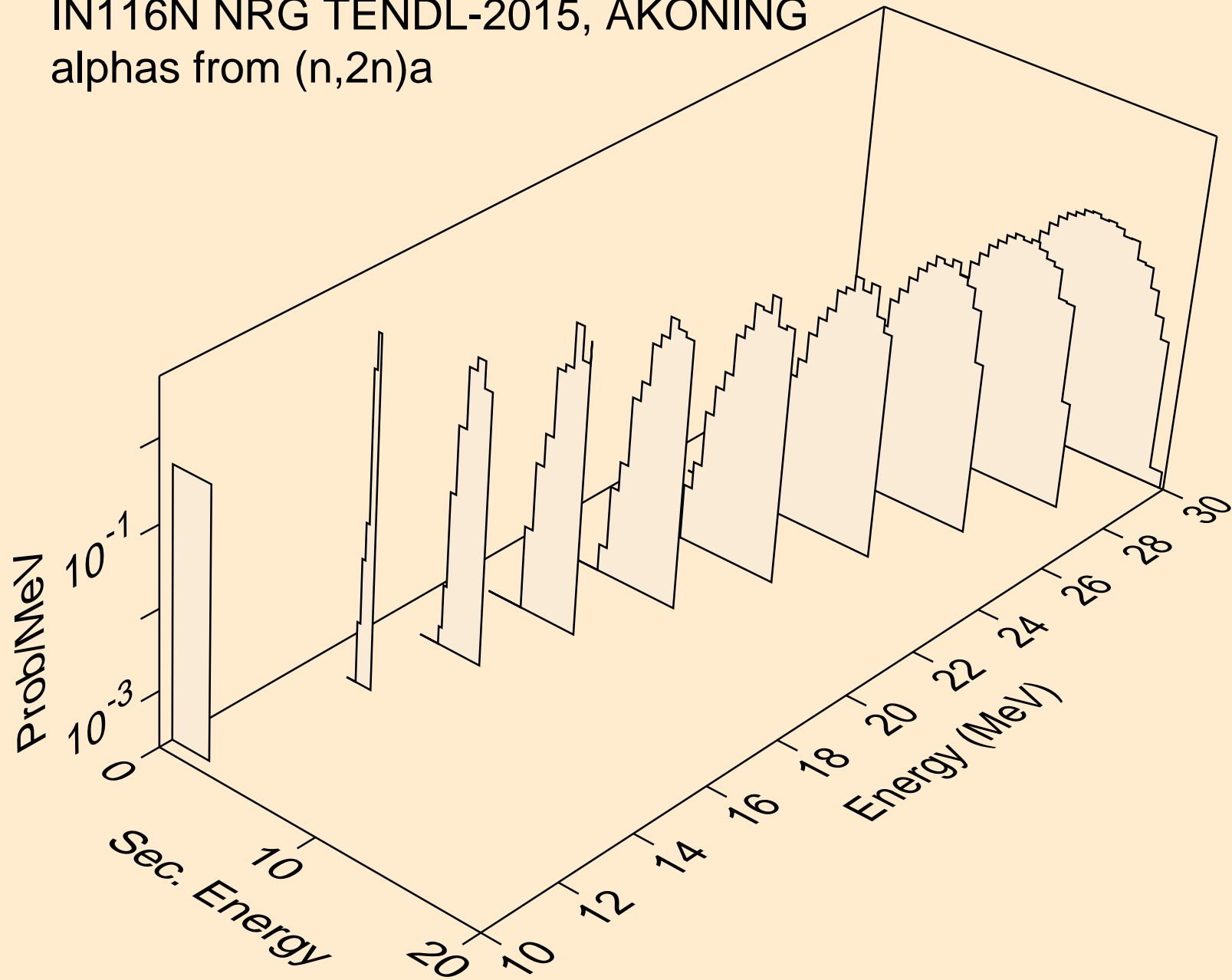
IN116N NRG TENDL-2015, AKONING  
alphas from (n,x)



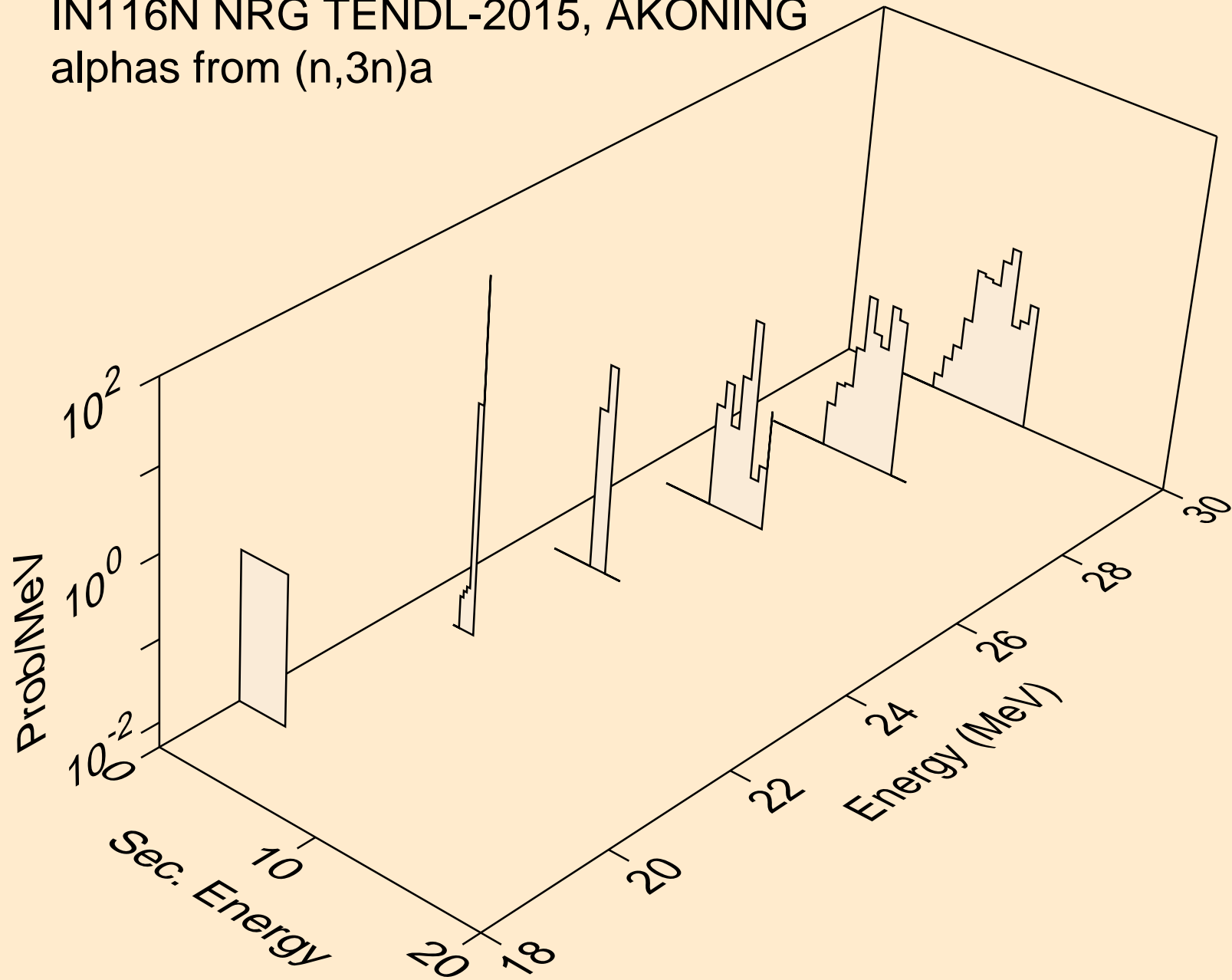
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alphas from (n,n\*)a



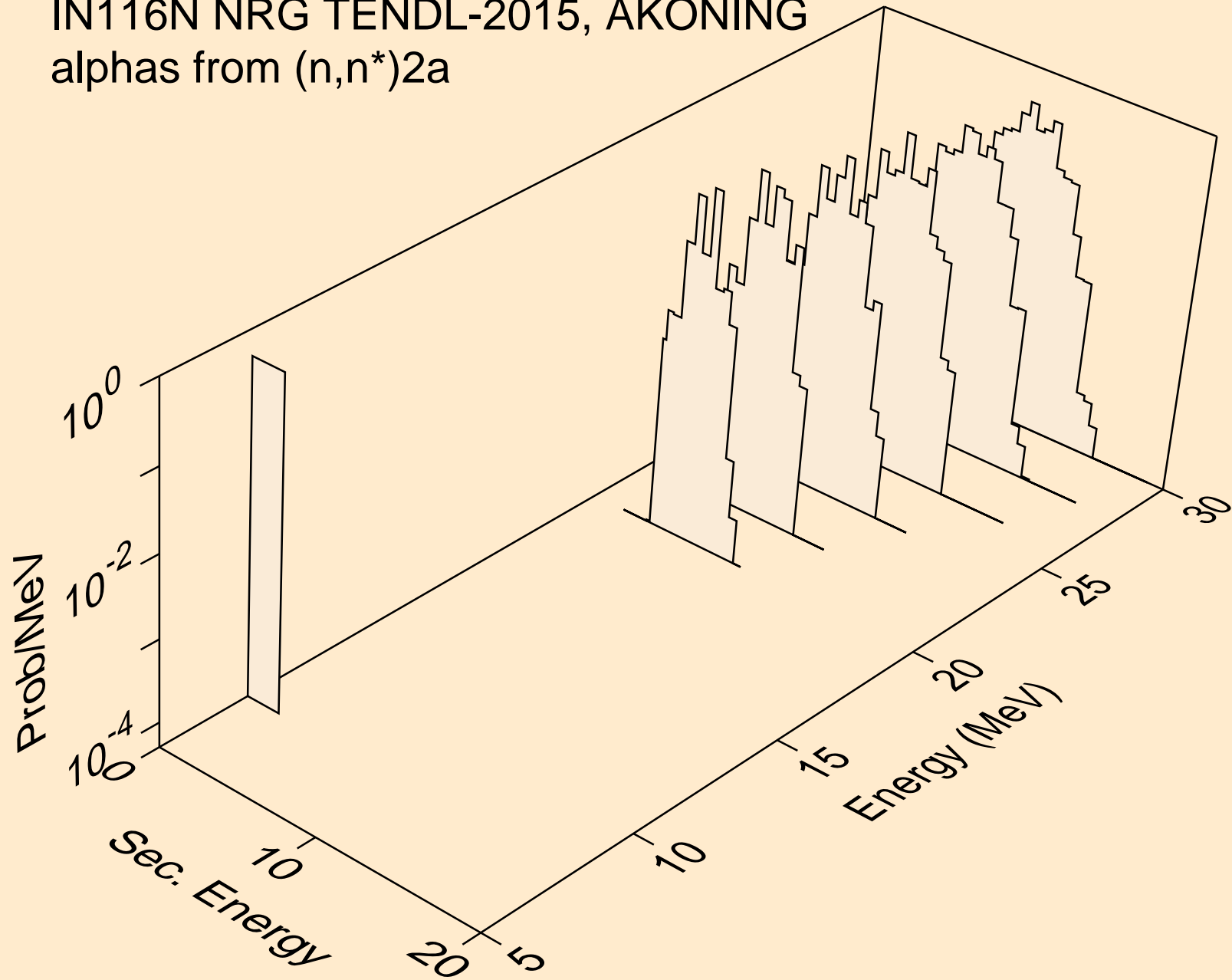
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alphas from (n,2n)a



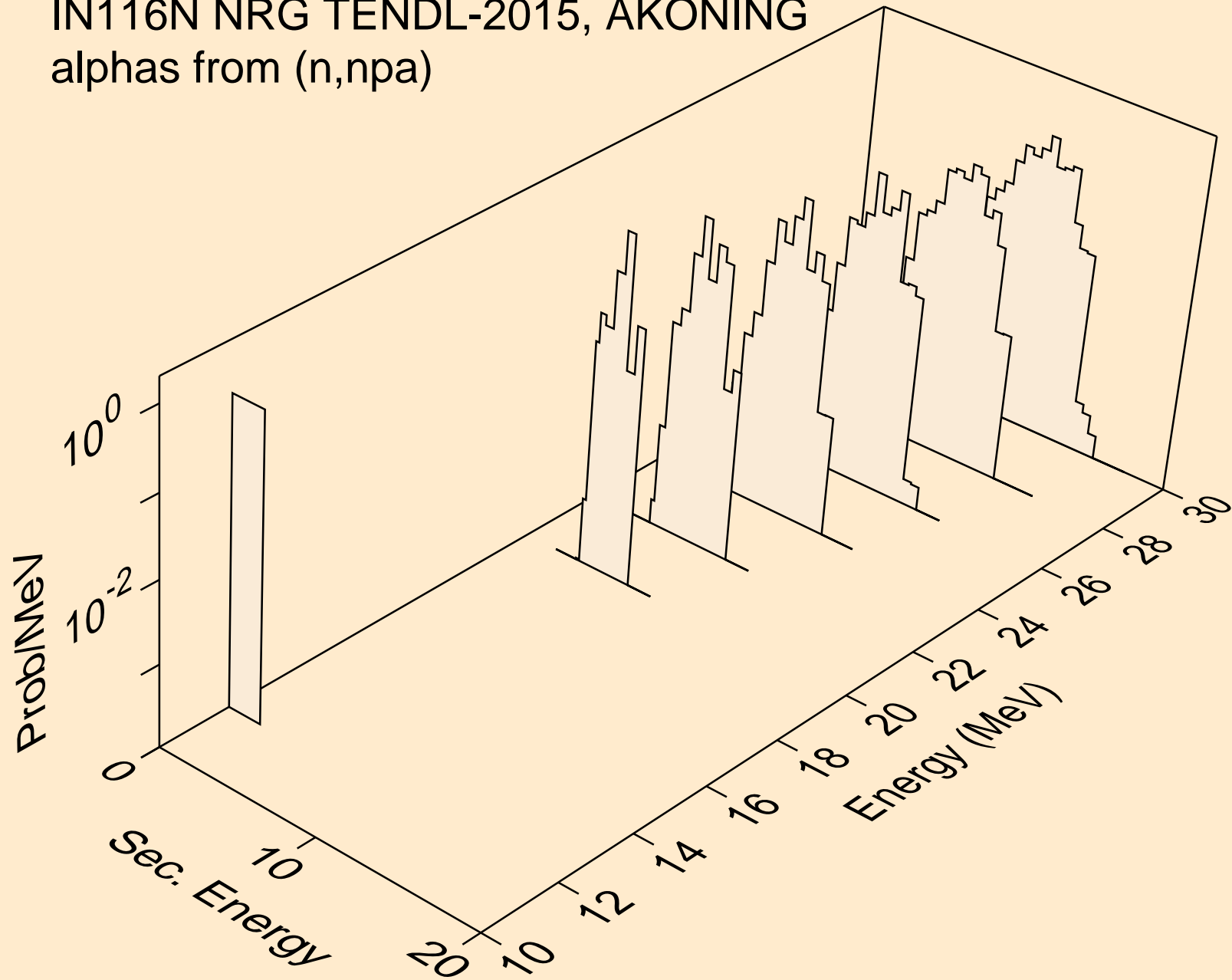
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alphas from (n,3n)a



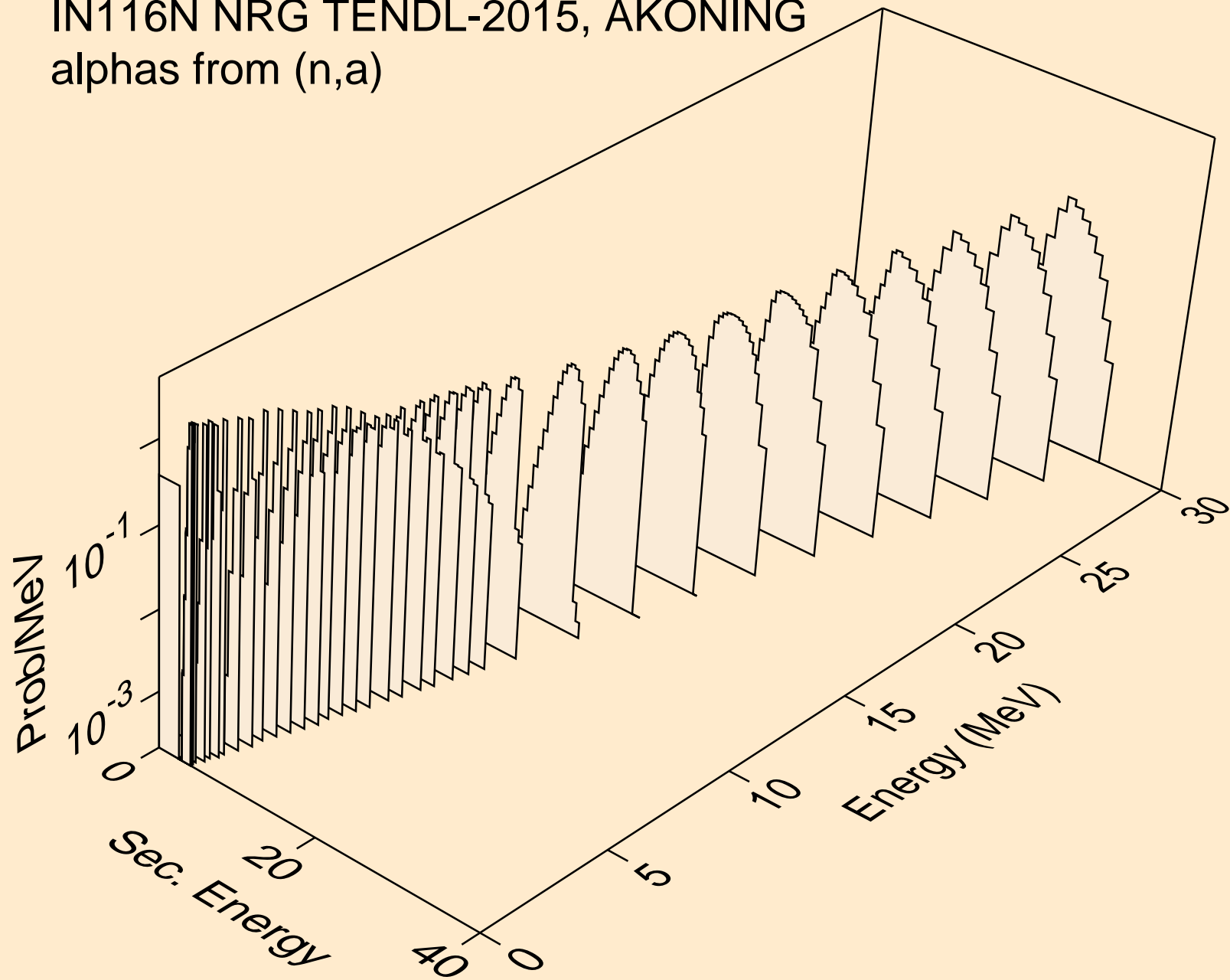
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alphas from (n,n\*)2a



IN116N NRG TENDL-2015, AKONING  
alphas from (n,npa)

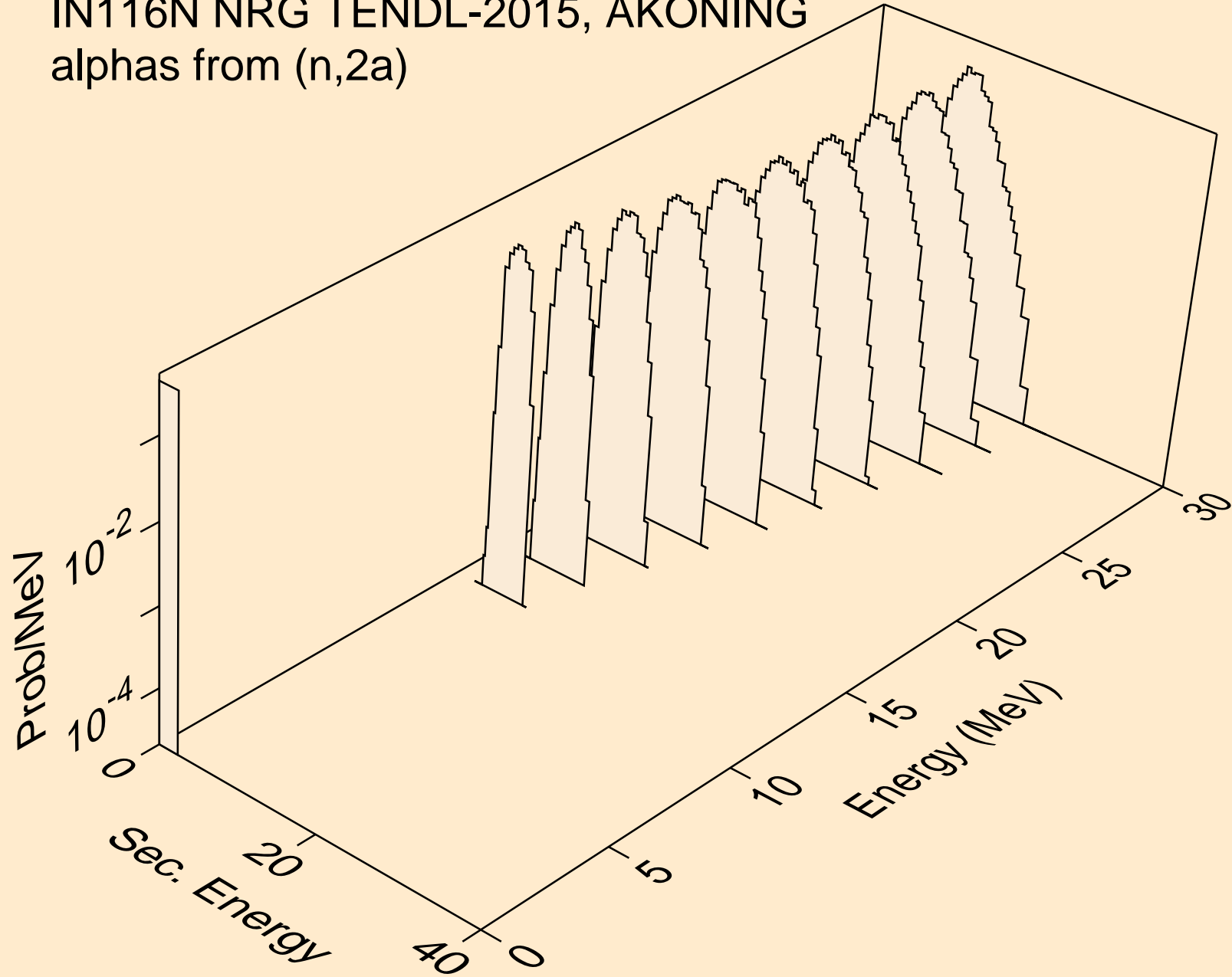


IN116N NRG TENDL-2015, AKONING  
alphas from (n,a)

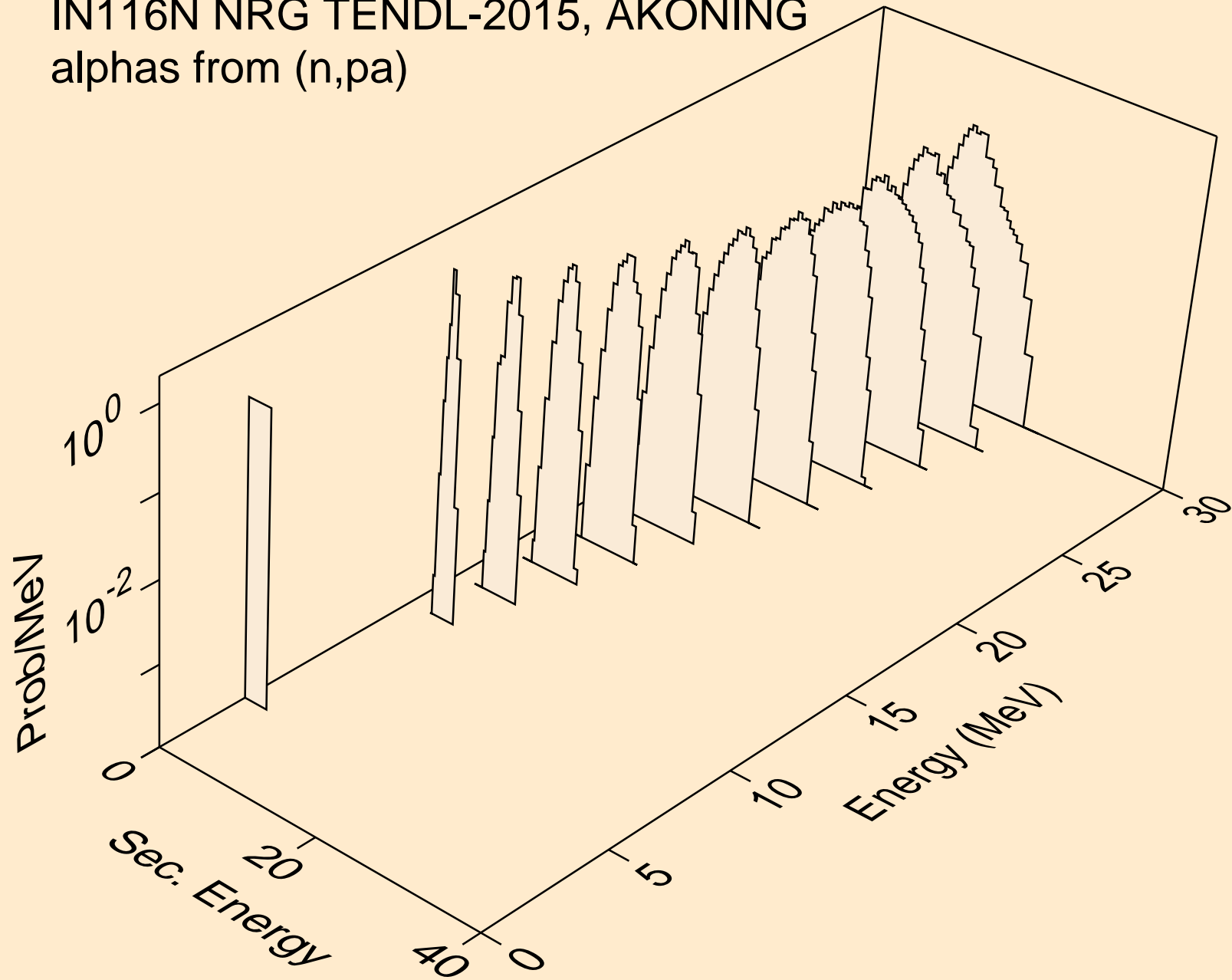




IN116N NRG TENDL-2015, AKONING  
alphas from (n,2a)



IN116N NRG TENDL-2015, AKONING  
alphas from (n,pa)



IN116N NRG TENDL-2015, AKONING  
alphas from (n,da)

