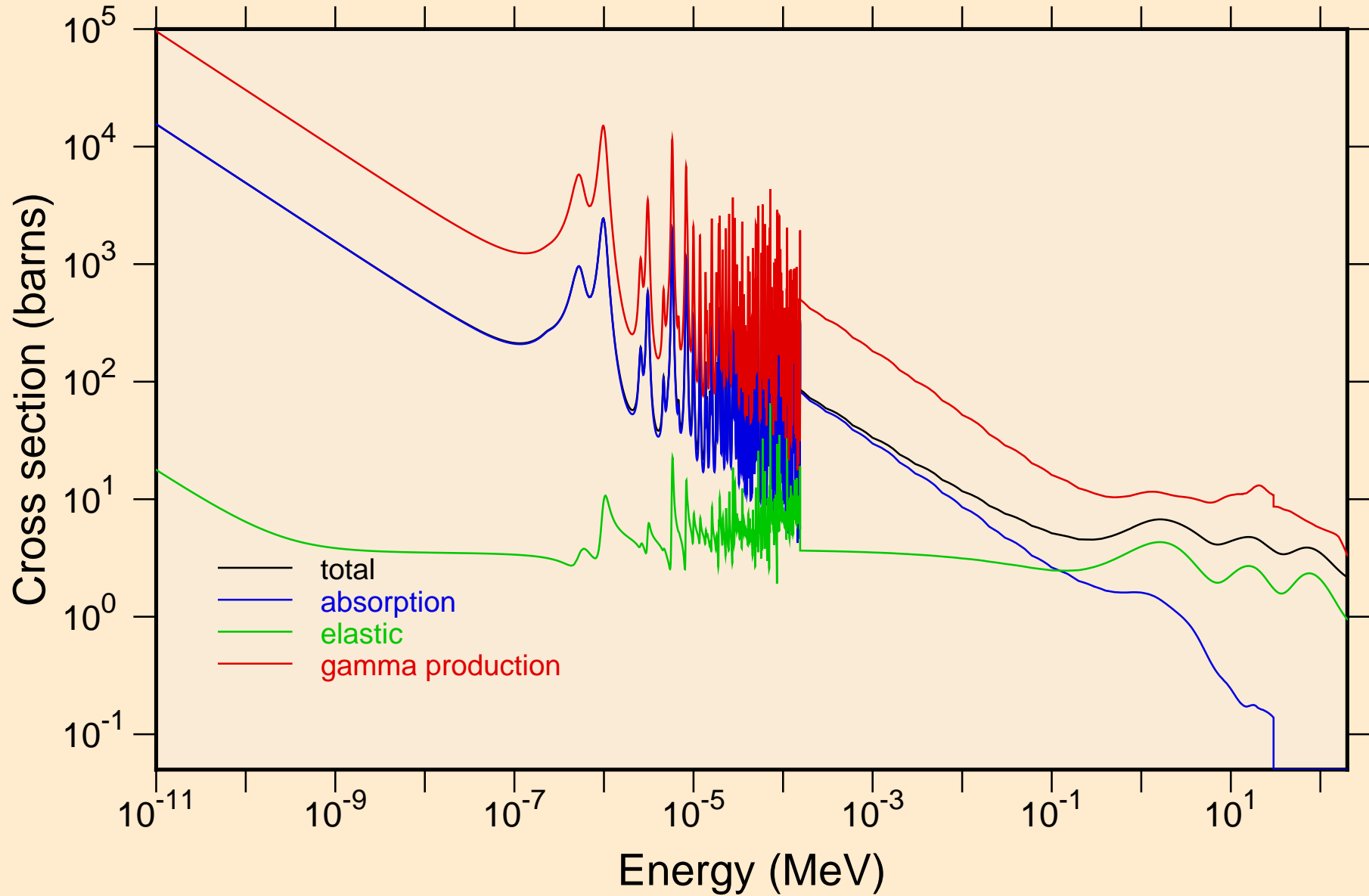
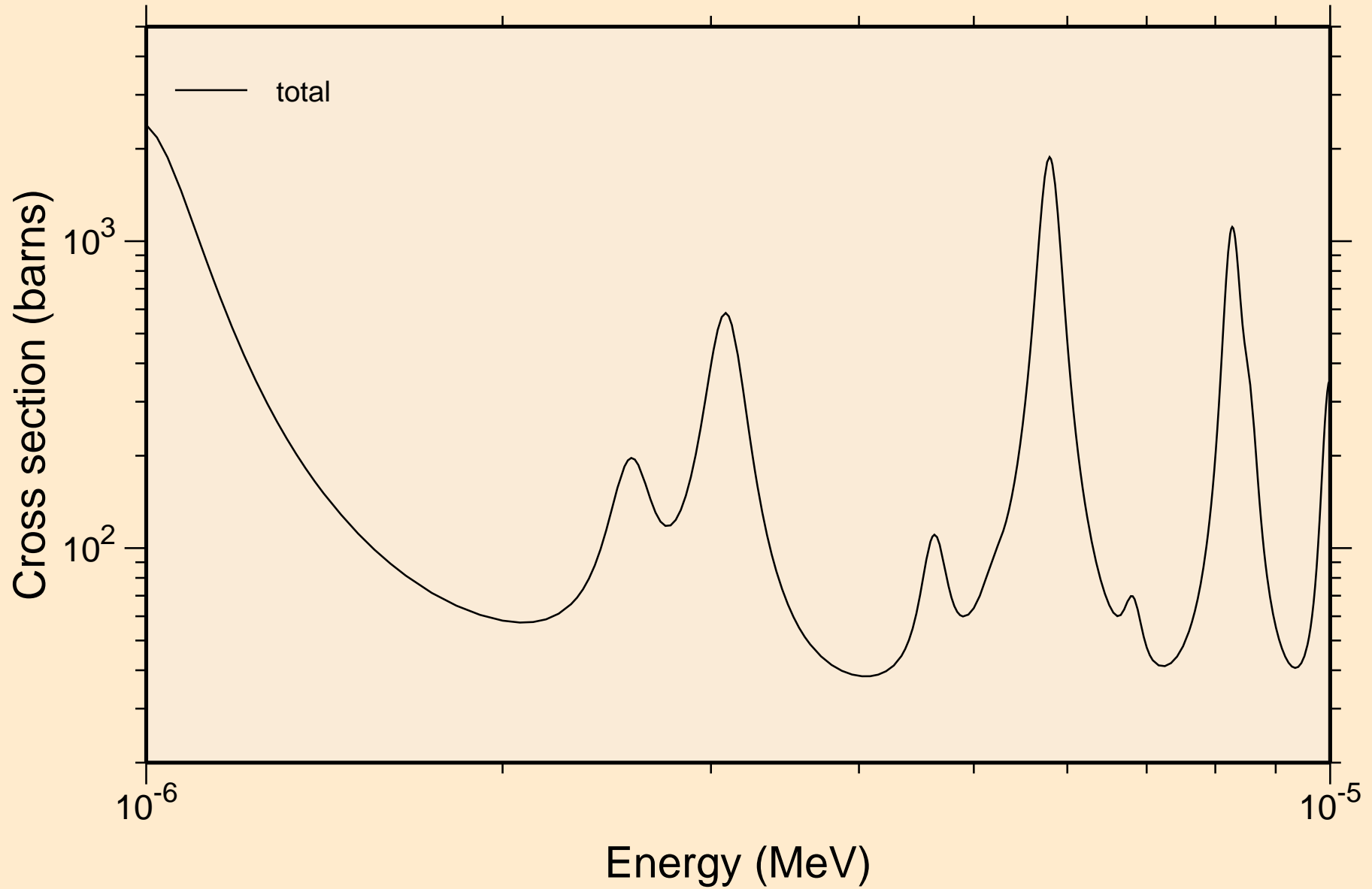


# PR133M NRG TENDL-2015, AKONING

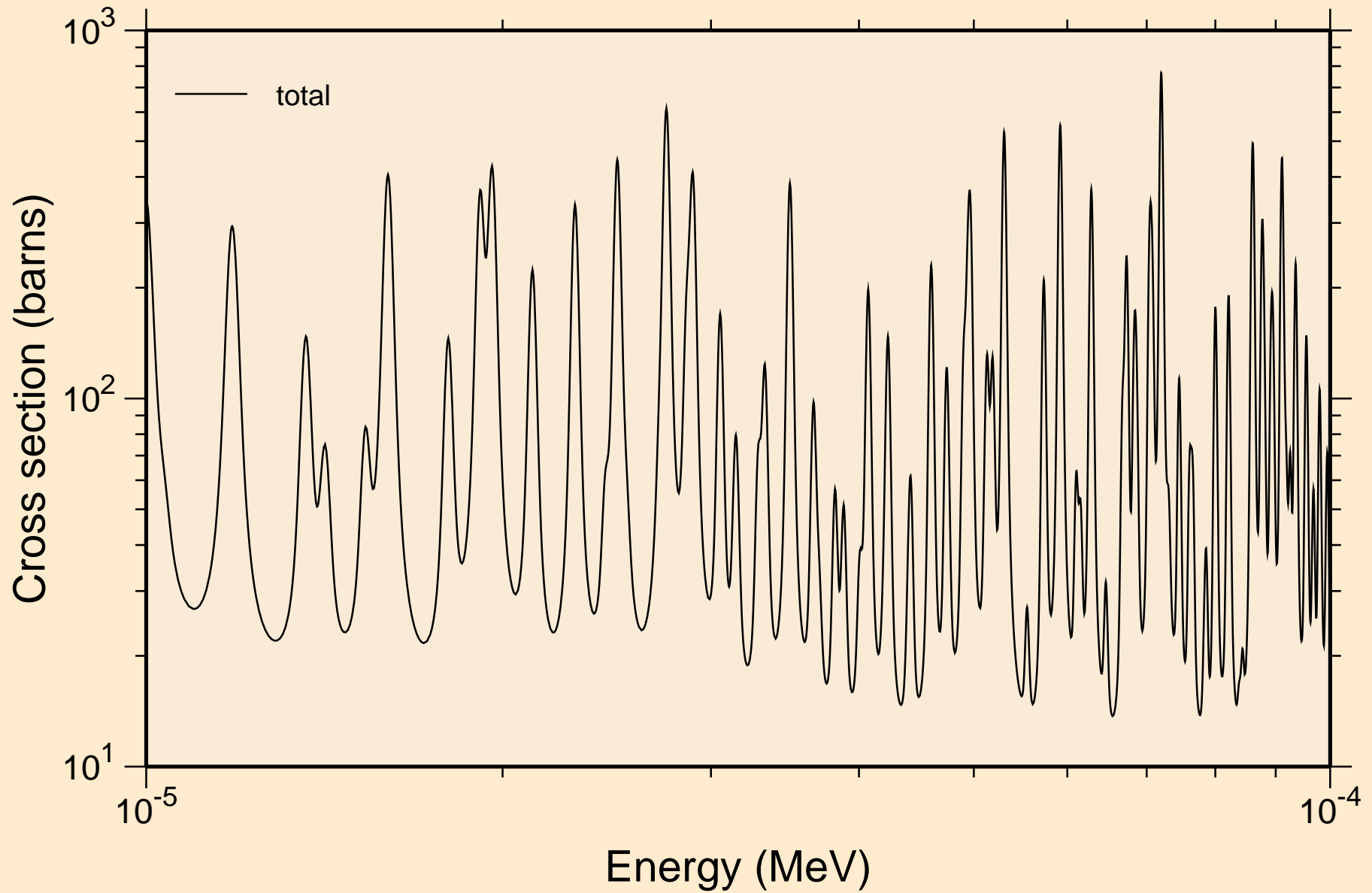
## Principal cross sections



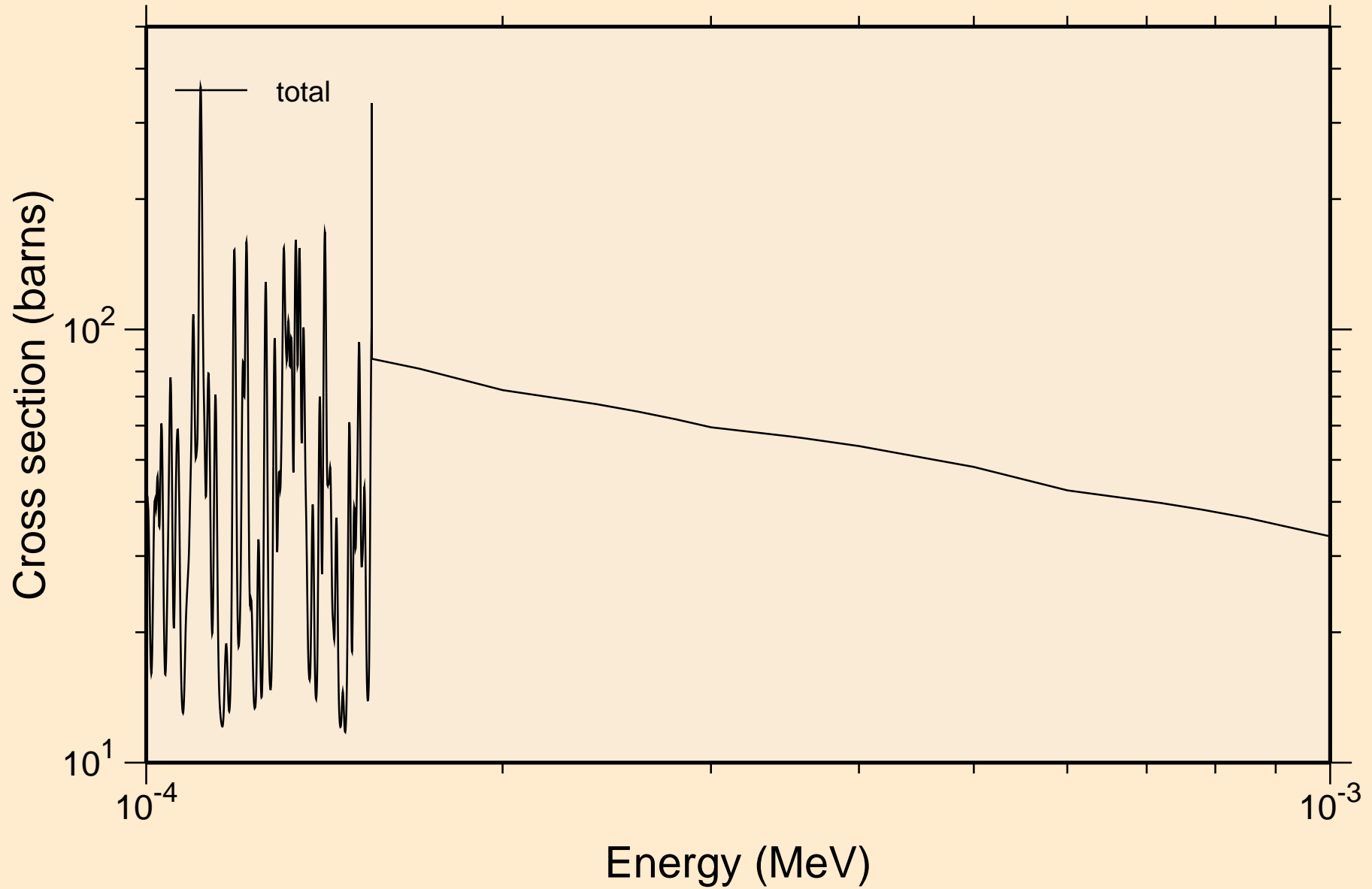
PR133M NRG TENDL-2015, AKONING  
resonance total cross section



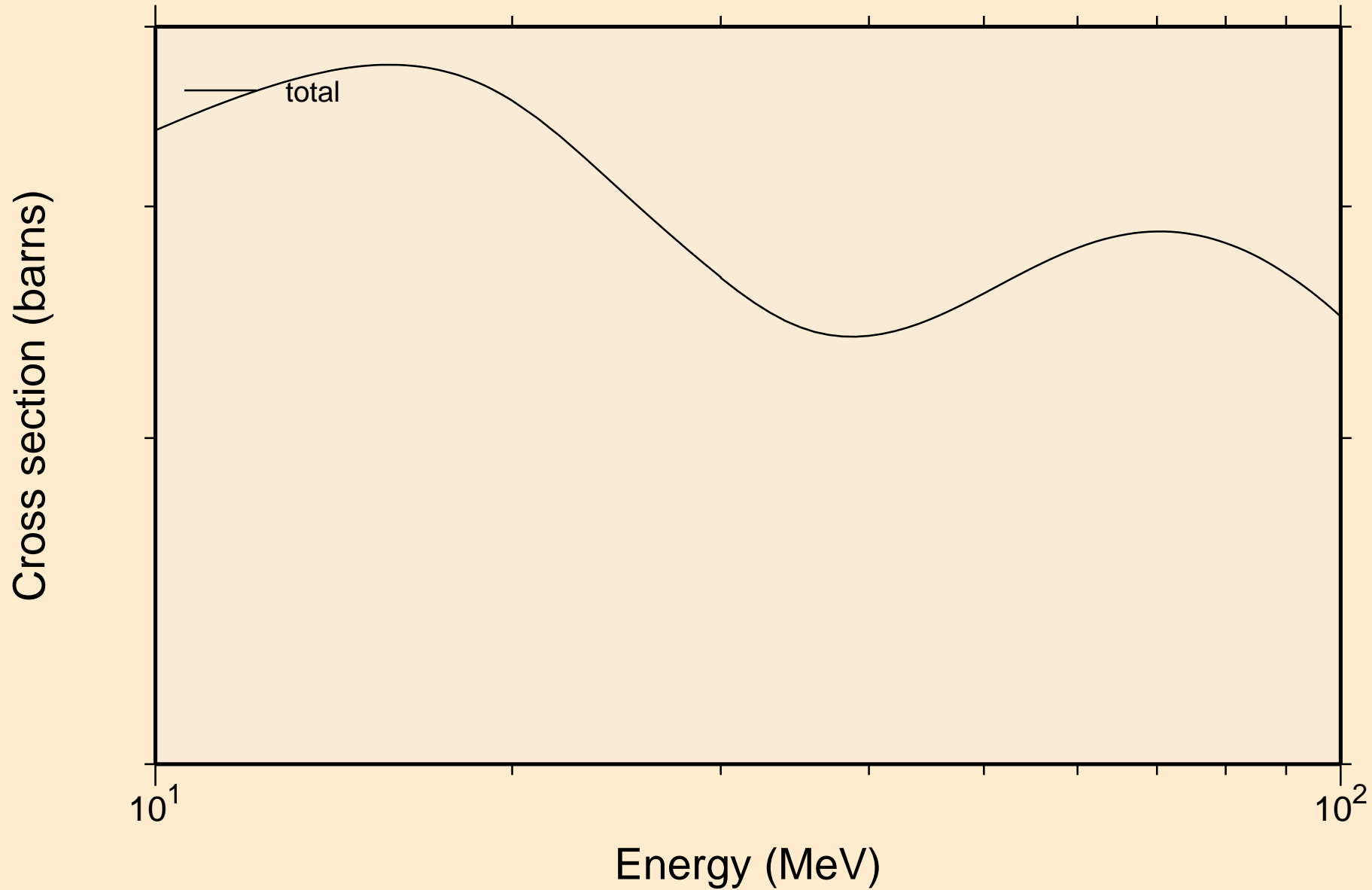
PR133M NRG TENDL-2015, AKONING  
resonance total cross section



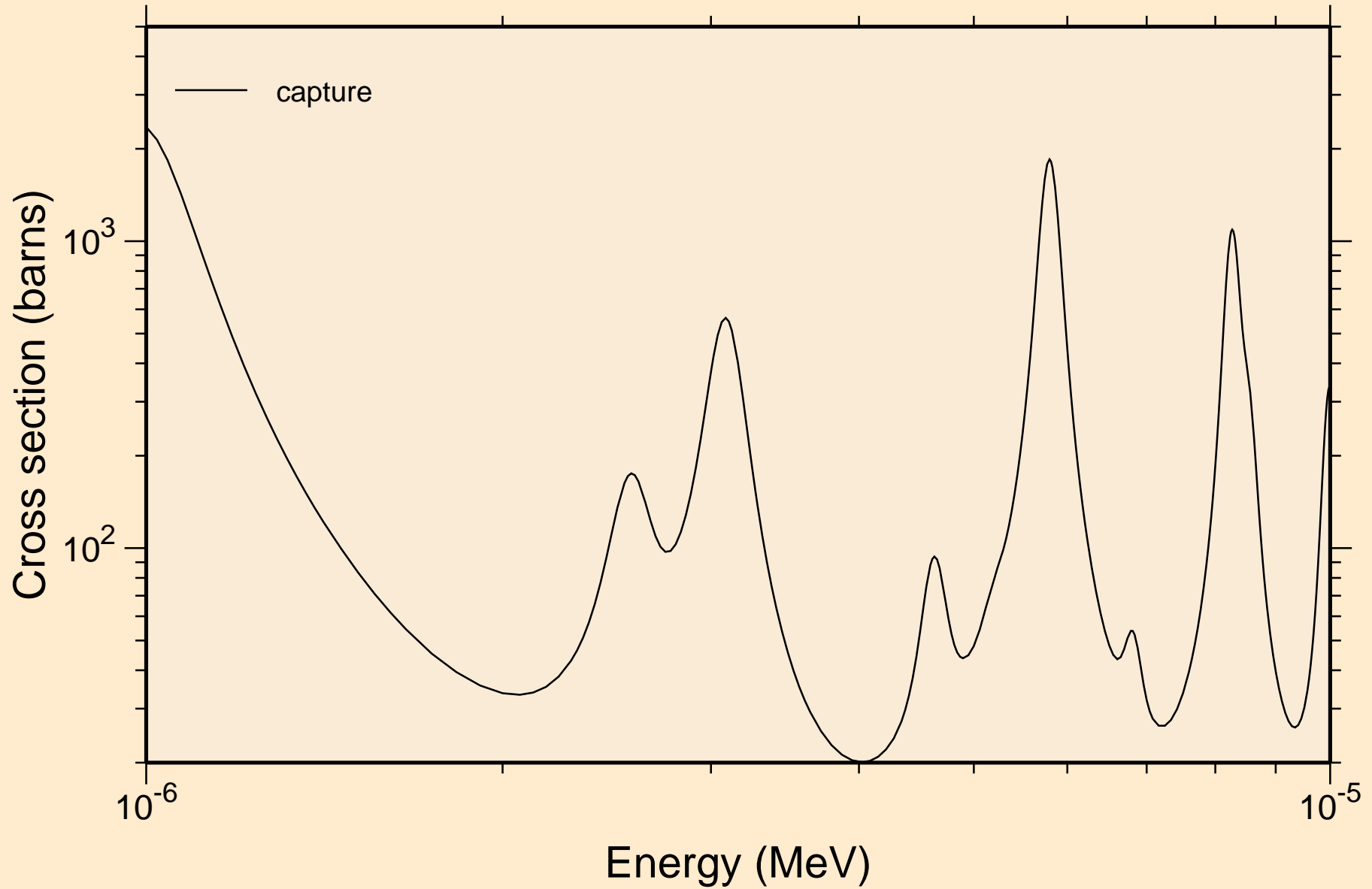
PR133M NRG TENDL-2015, AKONING  
resonance total cross section



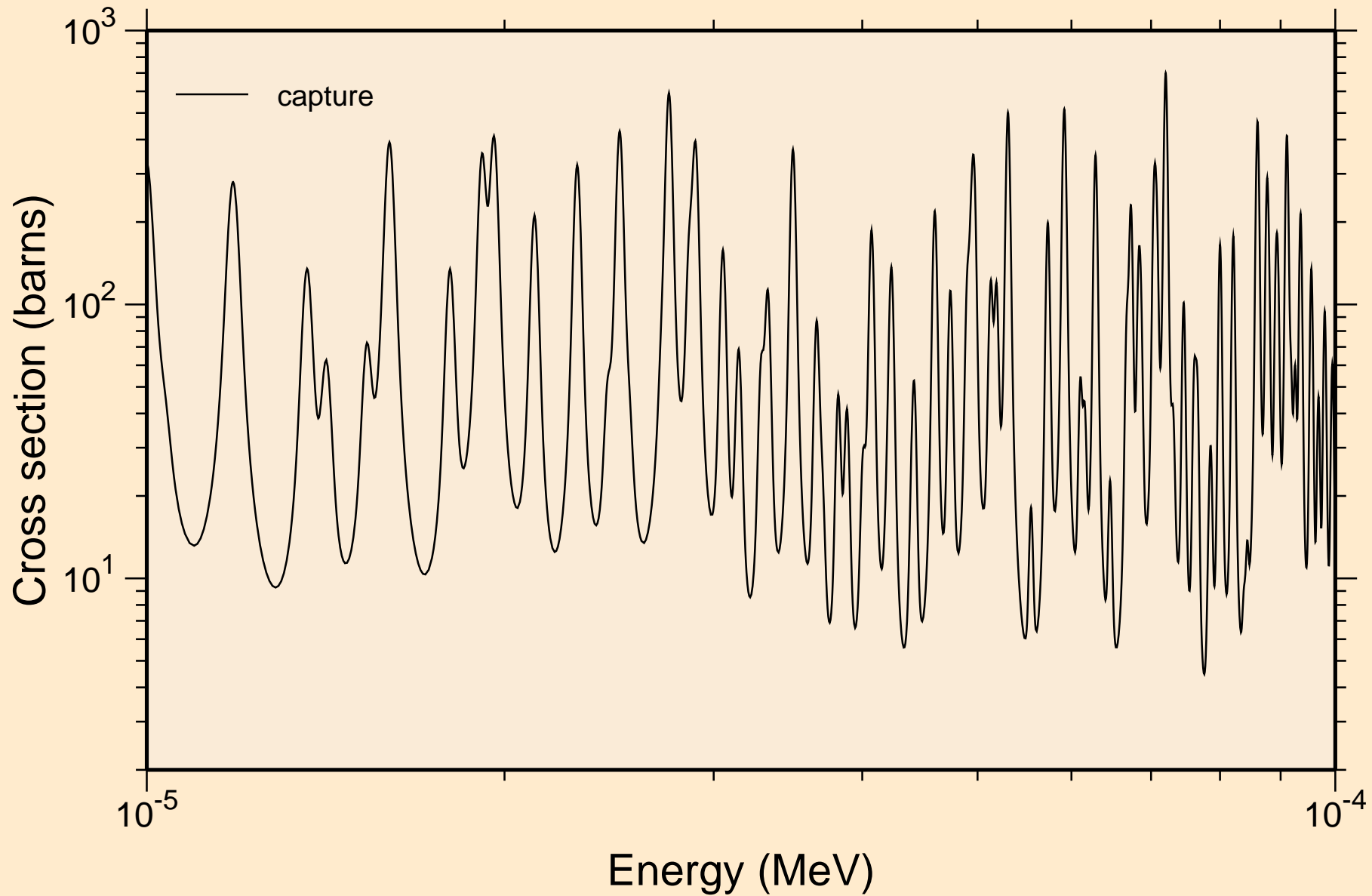
PR133M NRG TENDL-2015, AKONING  
resonance total cross section



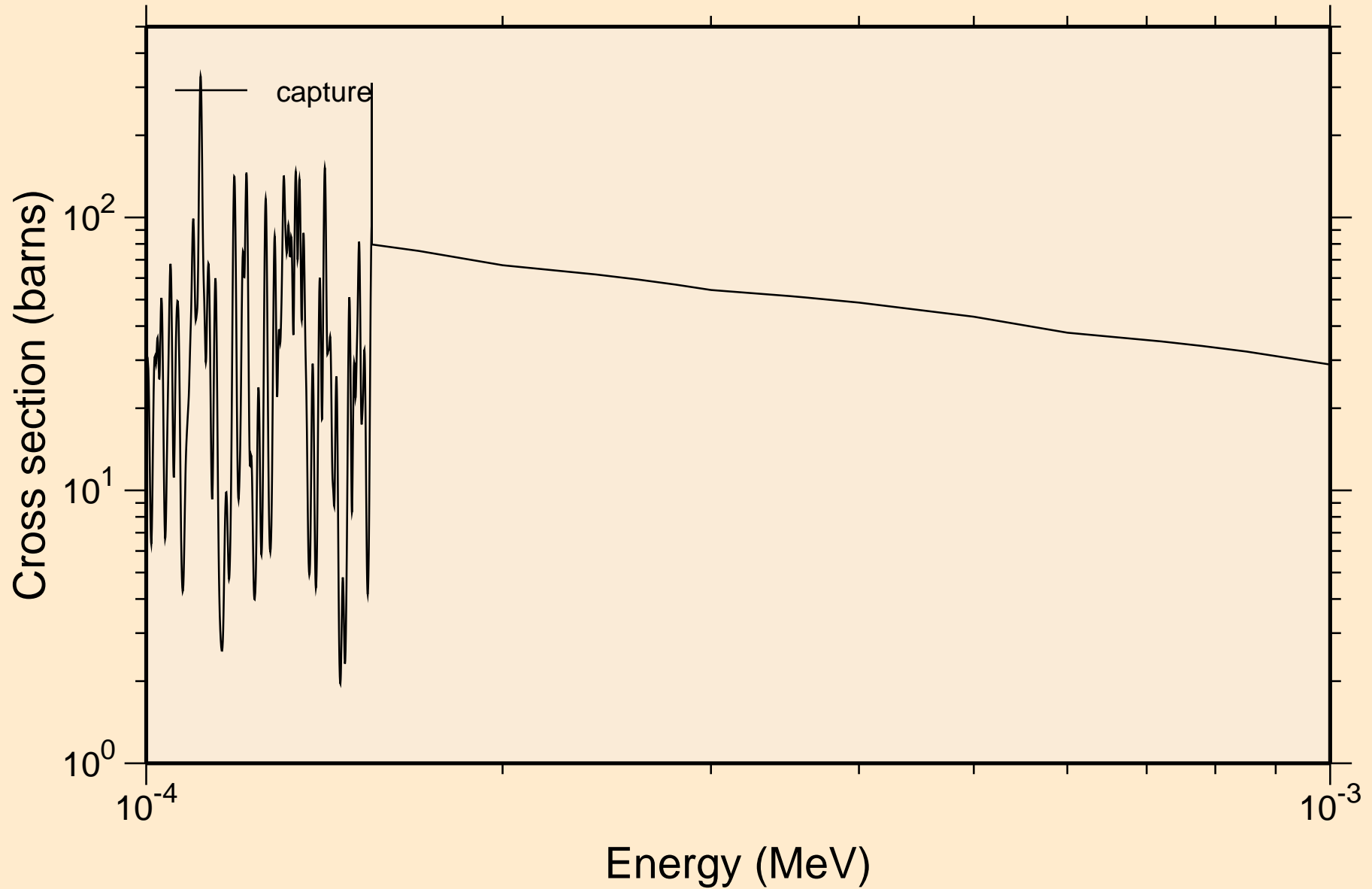
PR133M NRG TENDL-2015, AKONING  
resonance absorption cross sections



PR133M NRG TENDL-2015, AKONING  
resonance absorption cross sections

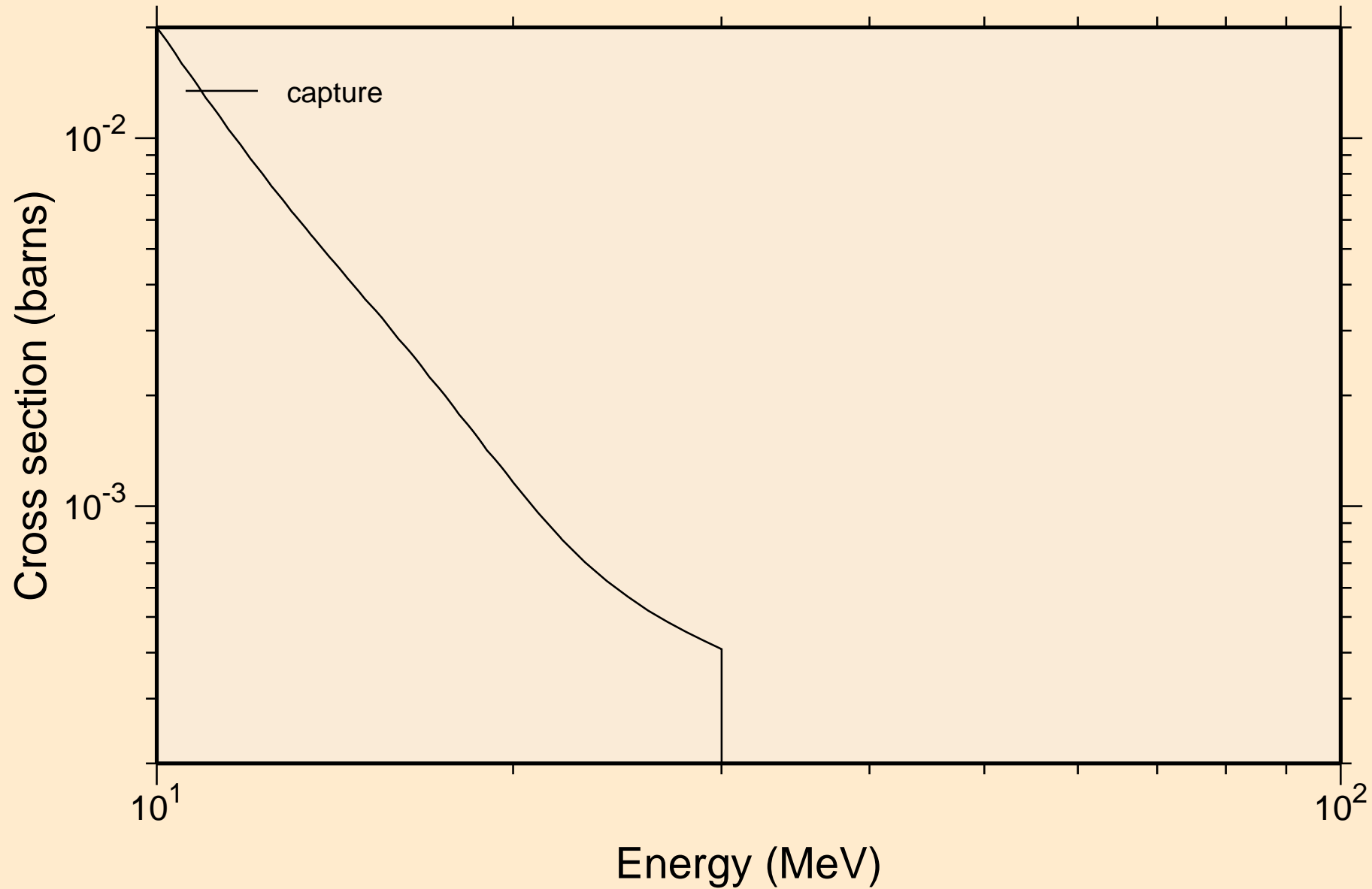


PR133M NRG TENDL-2015, AKONING  
resonance absorption cross sections

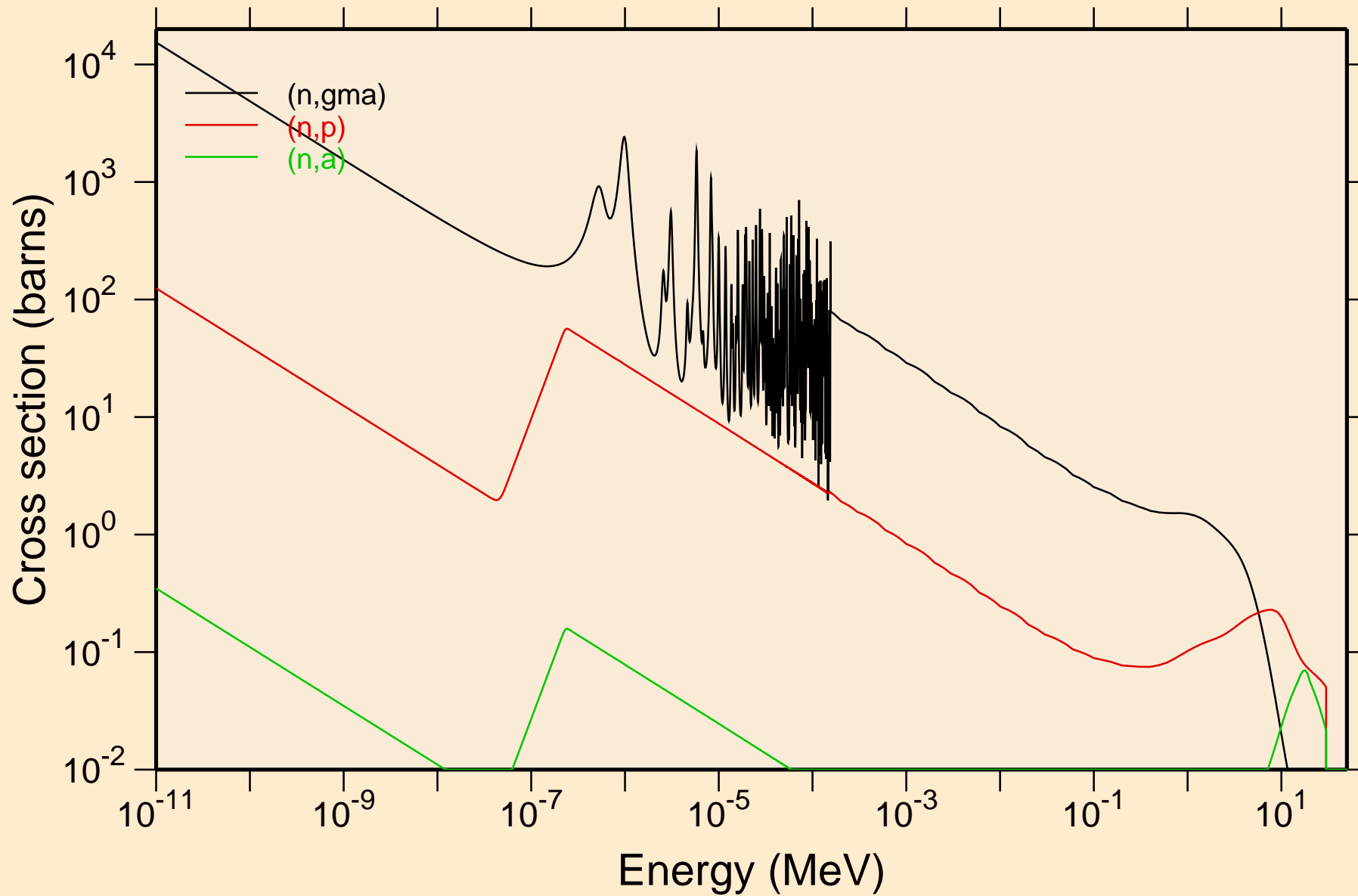




PR133M NRG TENDL-2015, AKONING  
resonance absorption cross sections

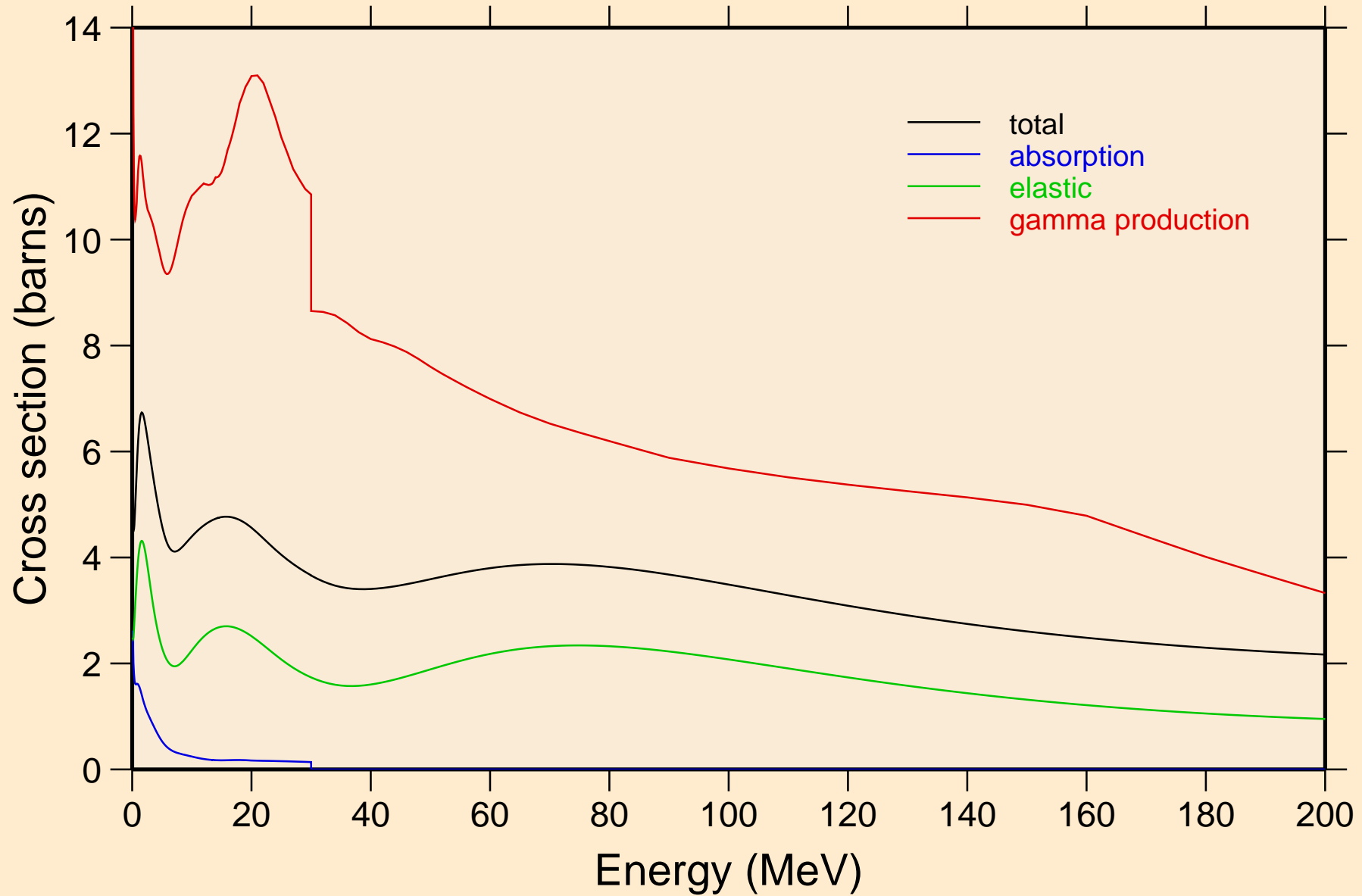


PR133M NRG TENDL-2015, AKONING  
Non-threshold reactions

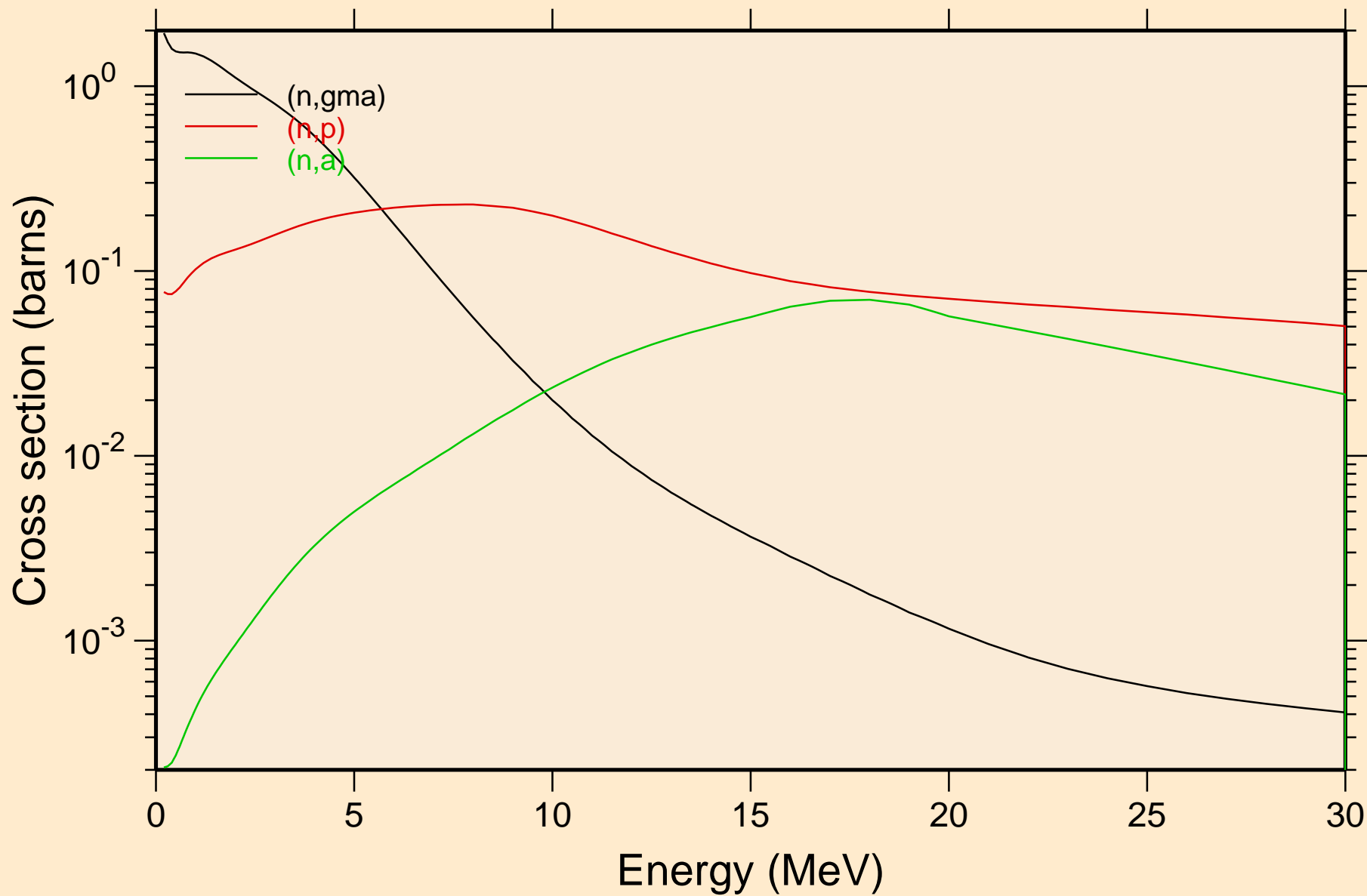


# PR133M NRG TENDL-2015, AKONING

## Principal cross sections

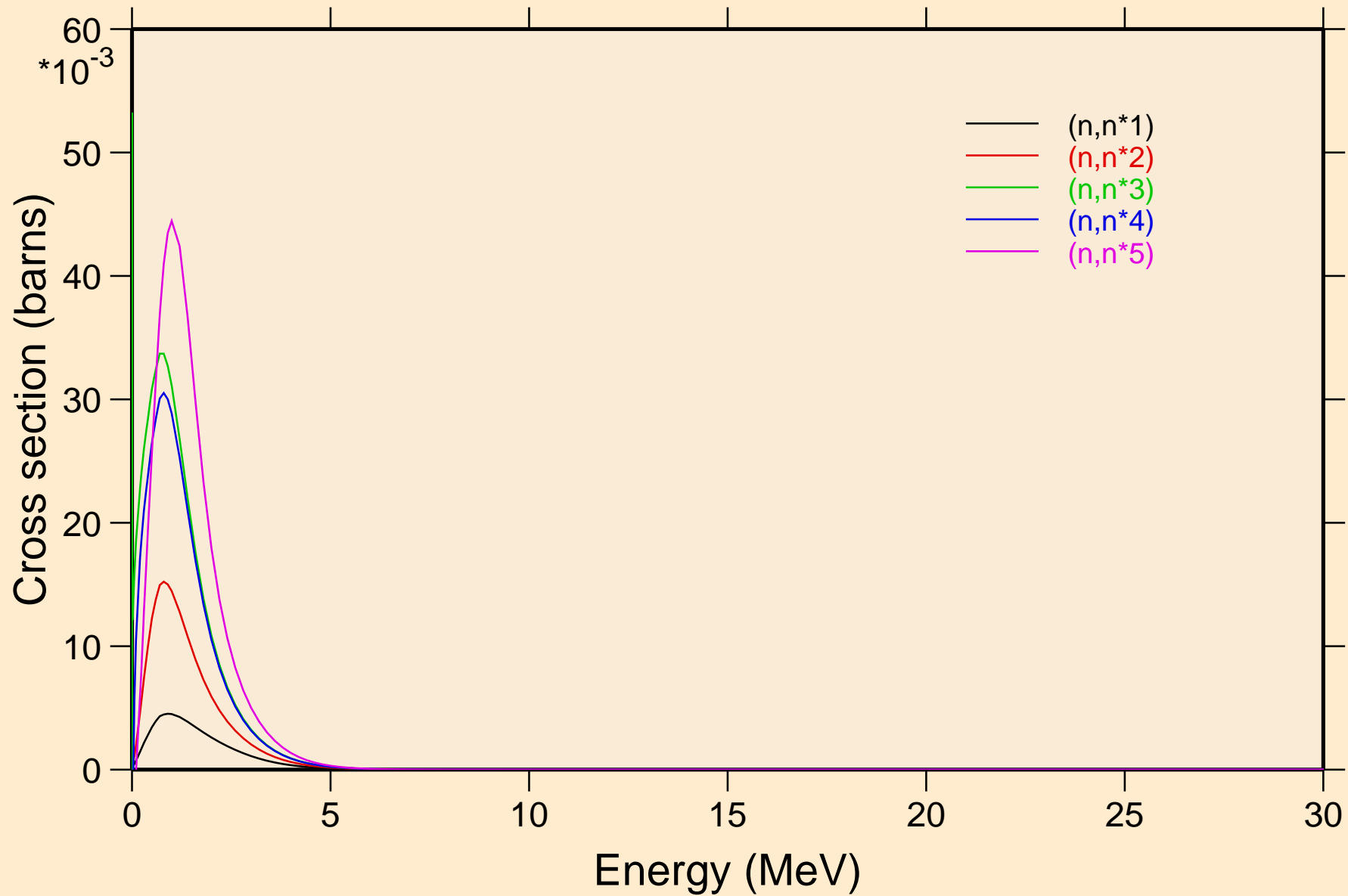


PR133M NRG TENDL-2015, AKONING  
Non-threshold reactions



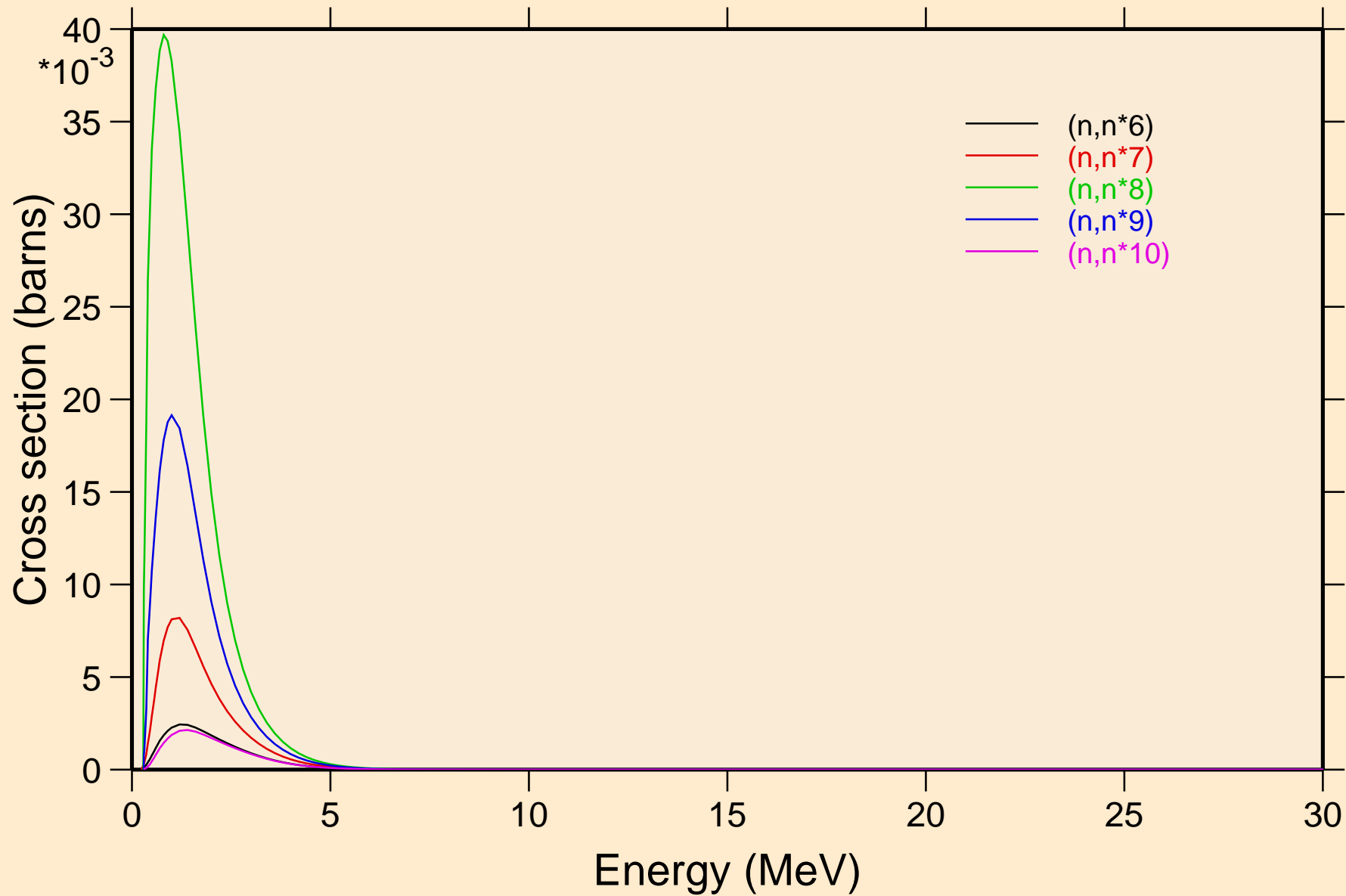
# PR133M NRG TENDL-2015, AKONING

## Inelastic levels

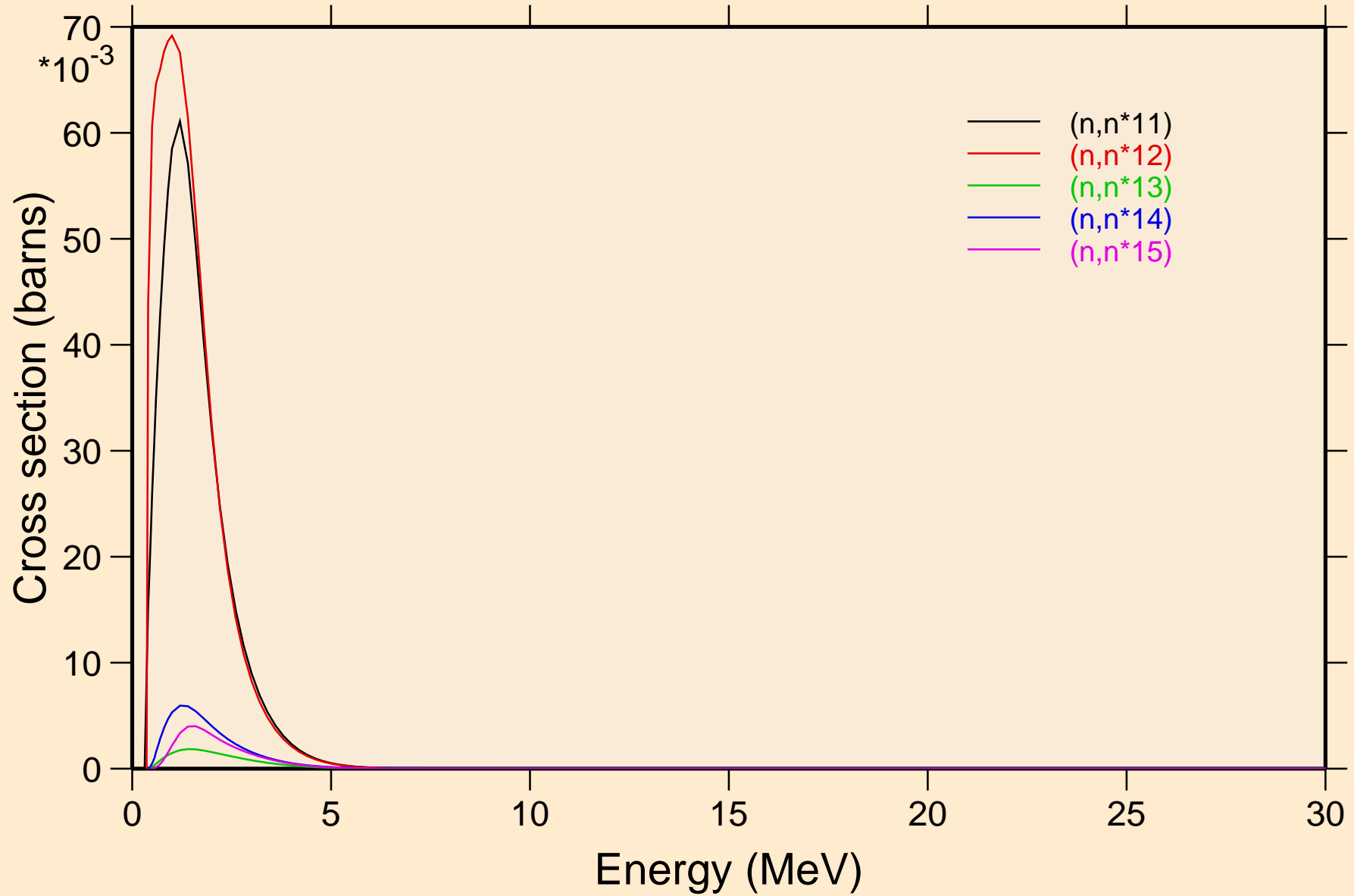


# PR133M NRG TENDL-2015, AKONING

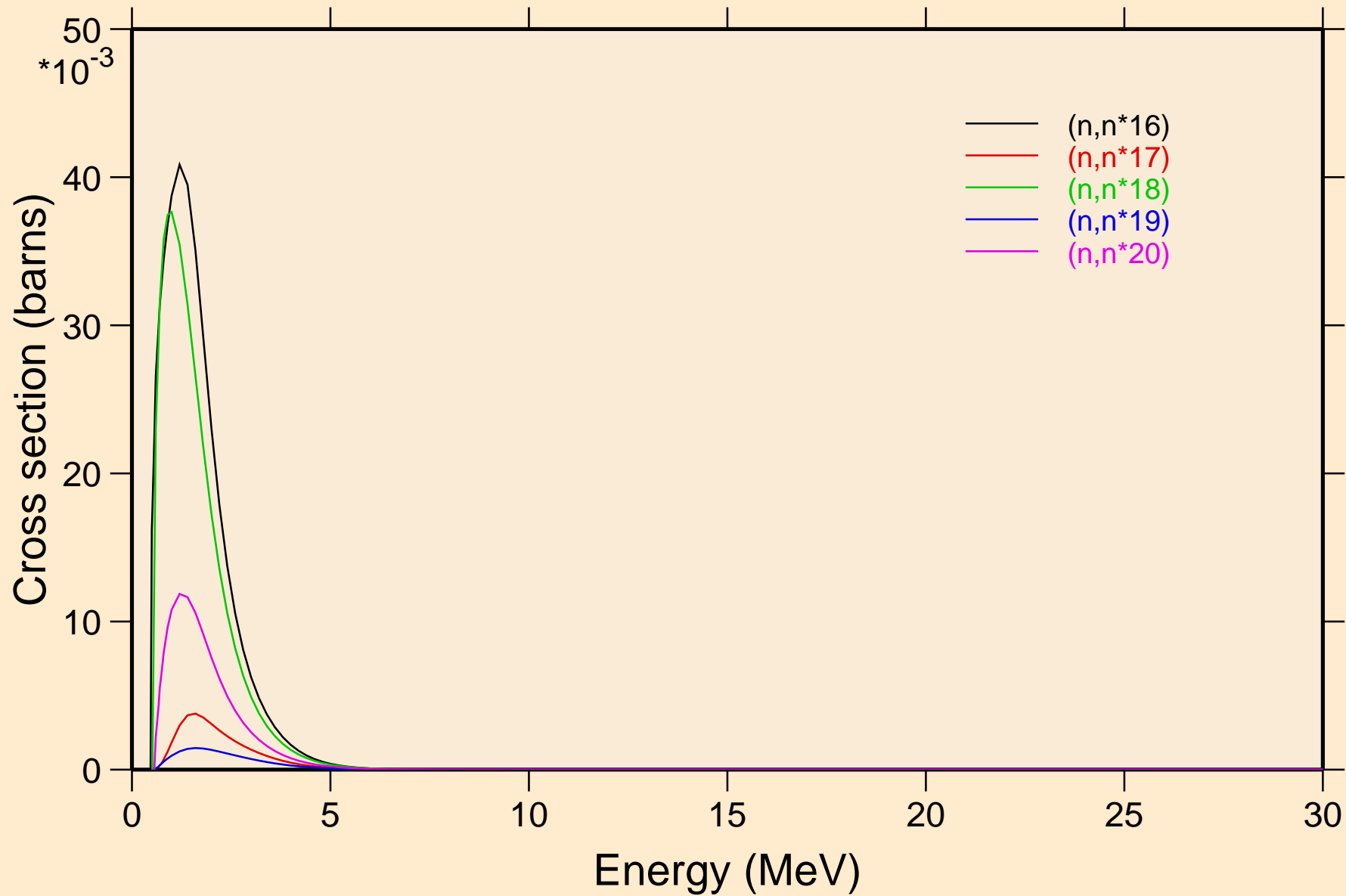
## Inelastic levels



PR133M NRG TENDL-2015, AKONING  
Inelastic levels

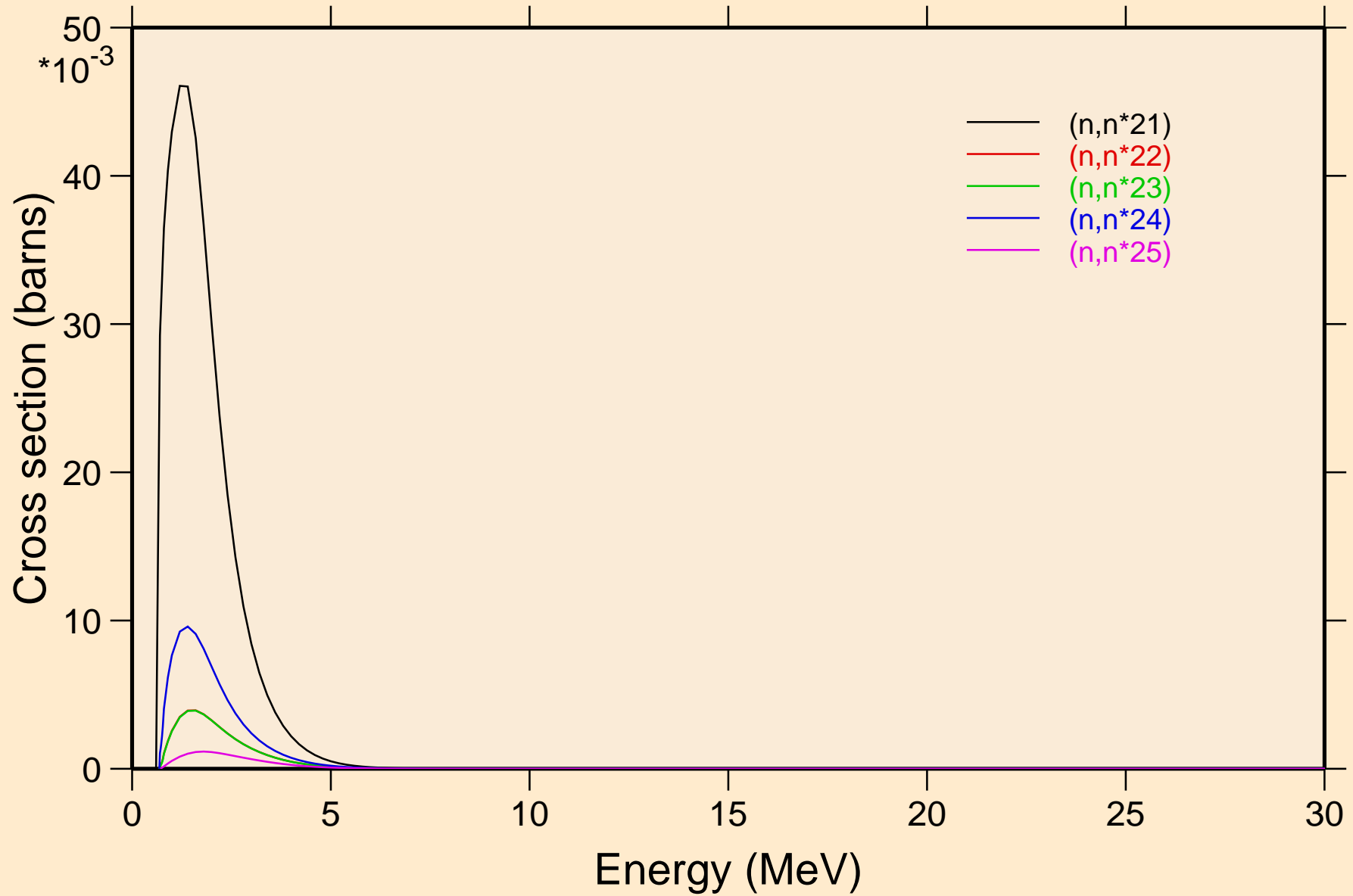


PR133M NRG TENDL-2015, AKONING  
Inelastic levels

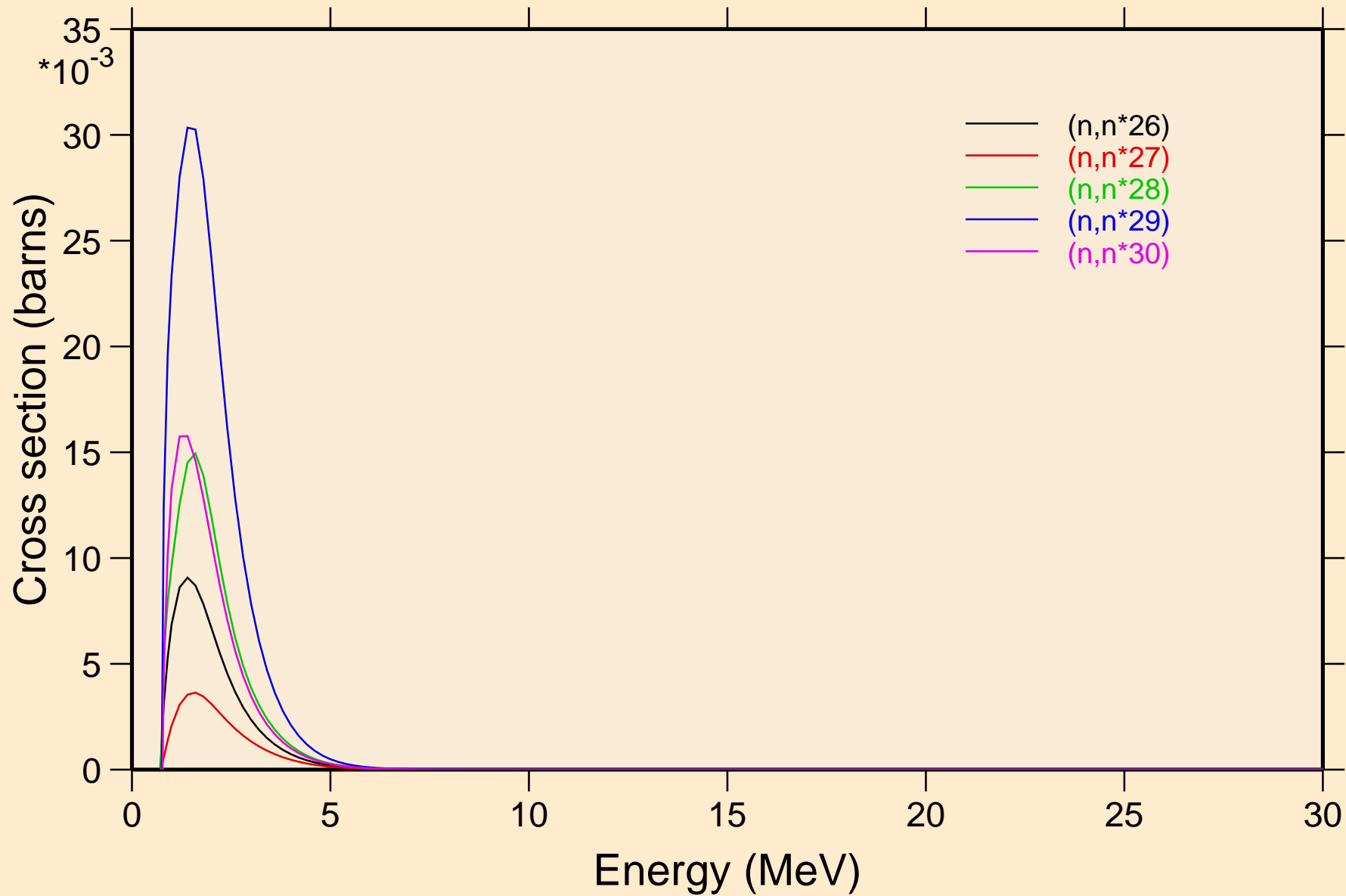




PR133M NRG TENDL-2015, AKONING  
Inelastic levels

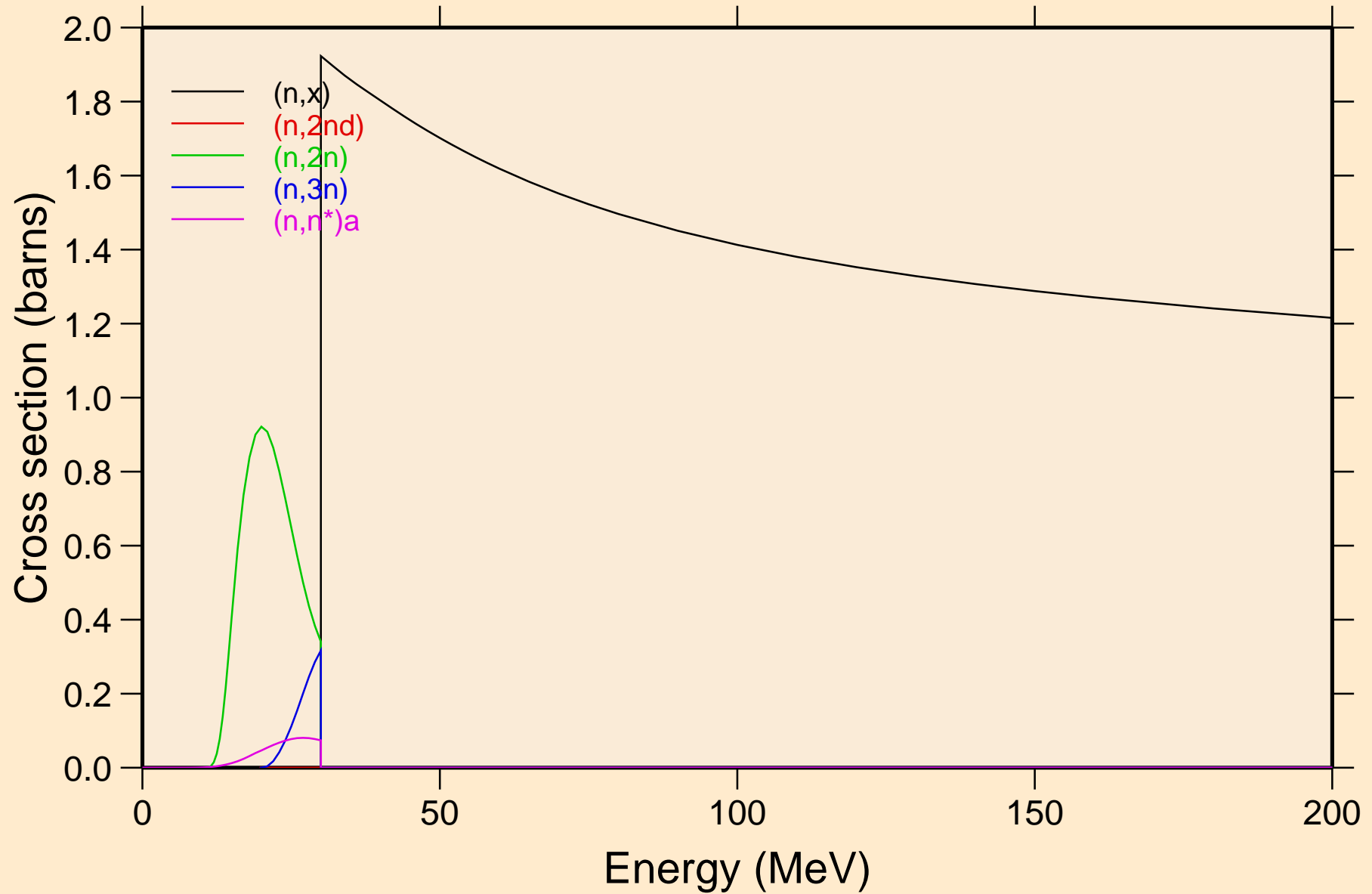


PR133M NRG TENDL-2015, AKONING  
Inelastic levels

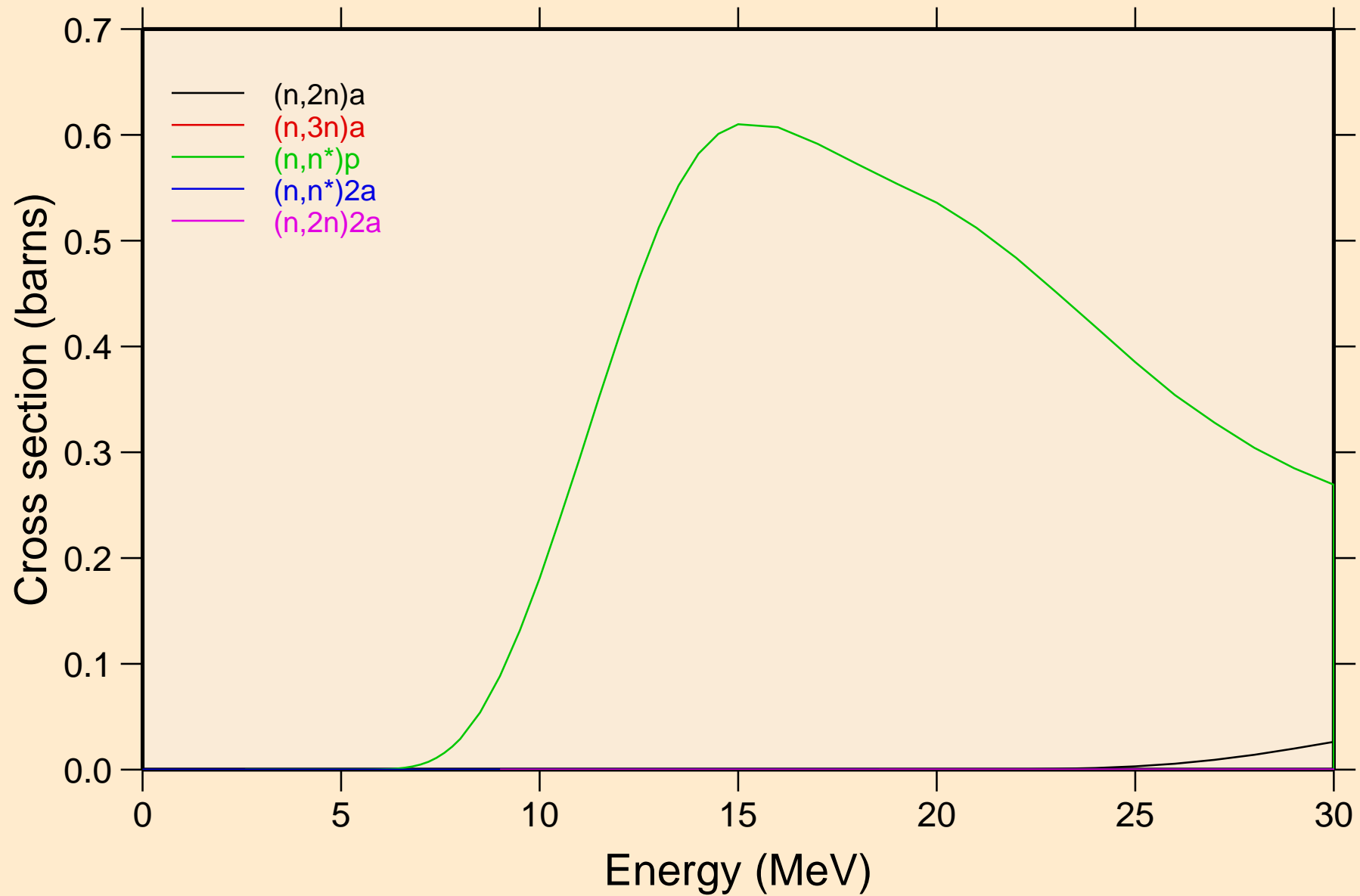


# PR133M NRG TENDL-2015, AKONING

## Threshold reactions

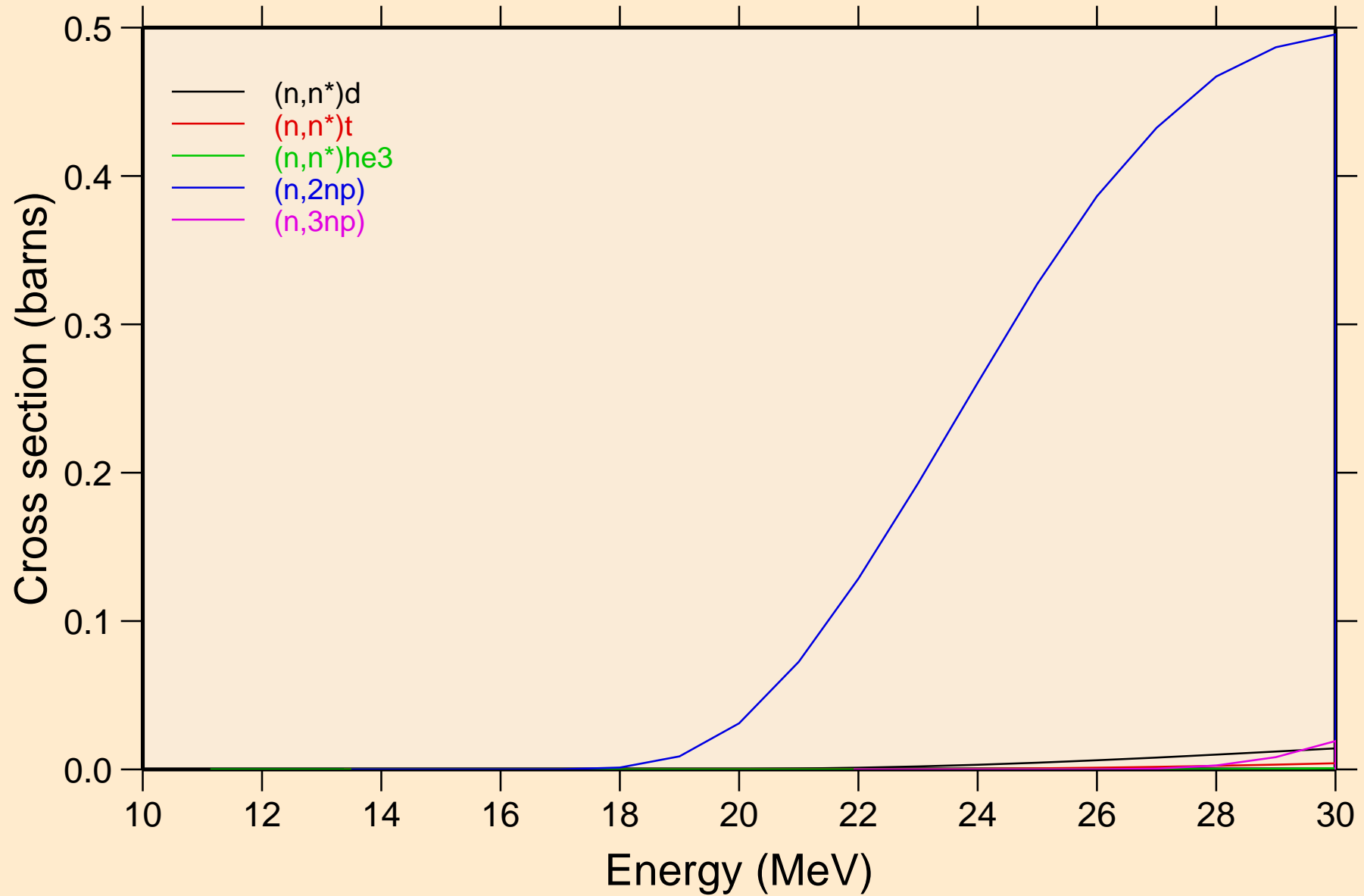


PR133M NRG TENDL-2015, AKONING  
Threshold reactions



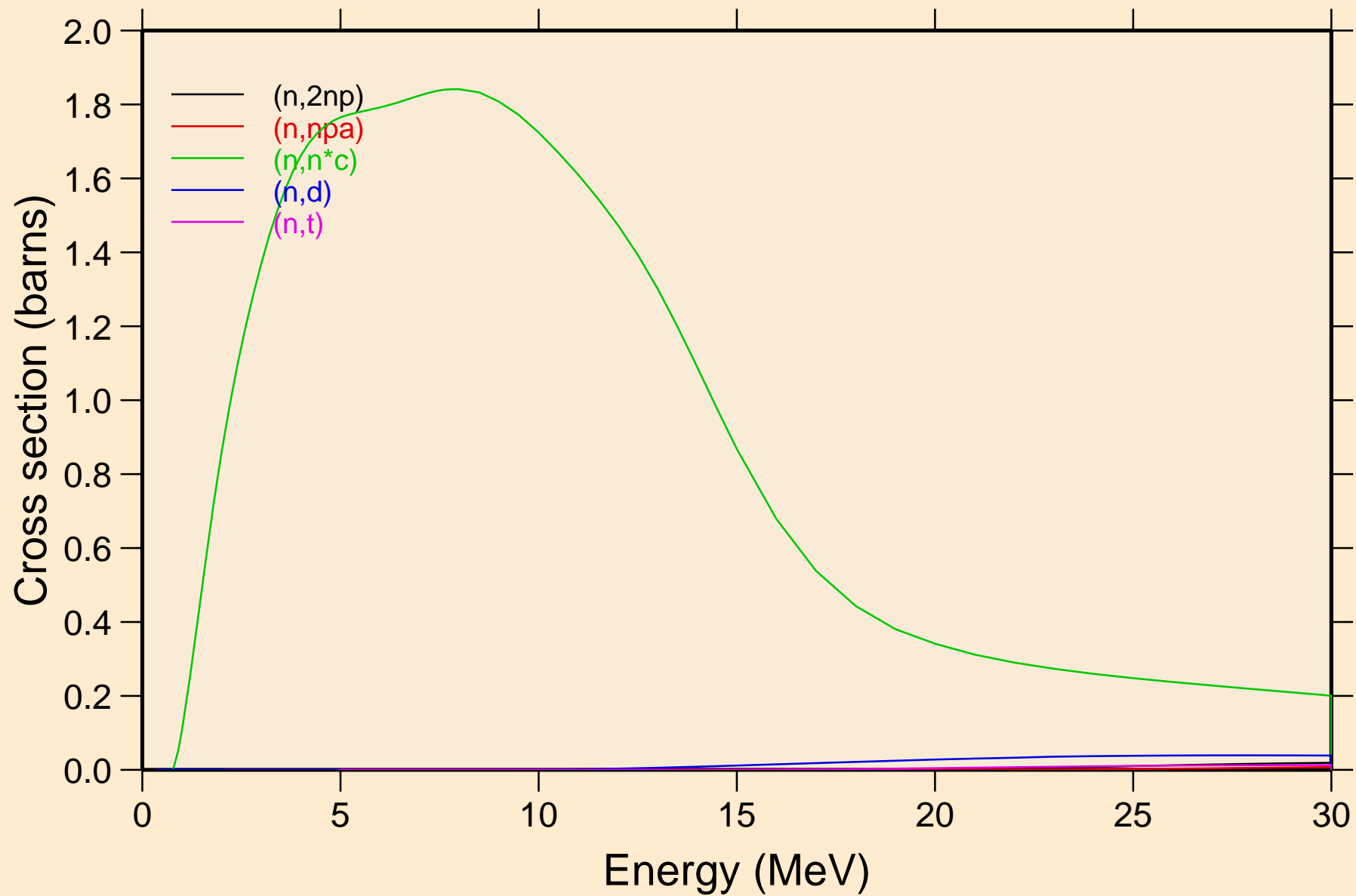
# PR133M NRG TENDL-2015, AKONING

## Threshold reactions



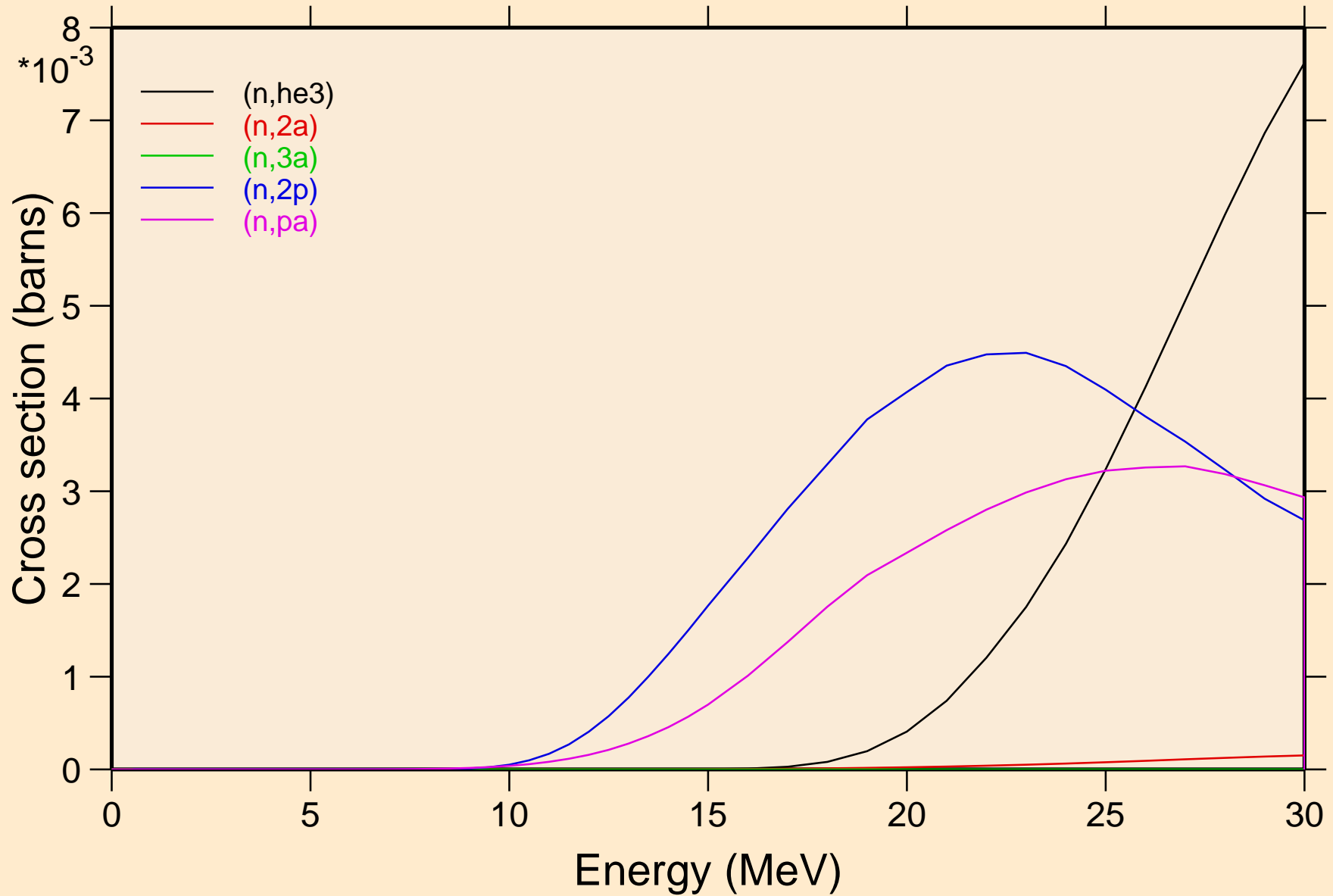
# PR133M NRG TENDL-2015, AKONING

## Threshold reactions



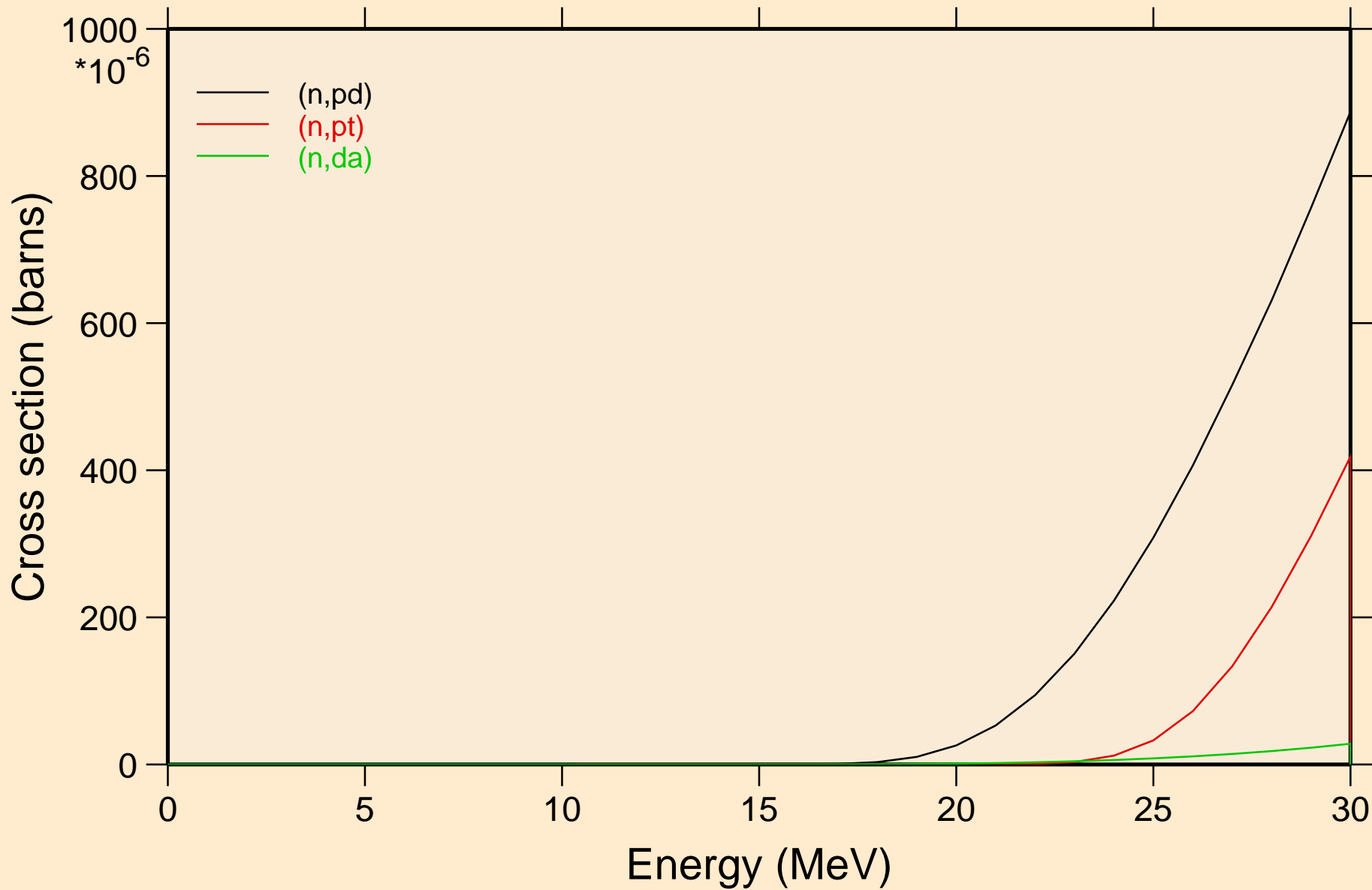
# PR133M NRG TENDL-2015, AKONING

## Threshold reactions



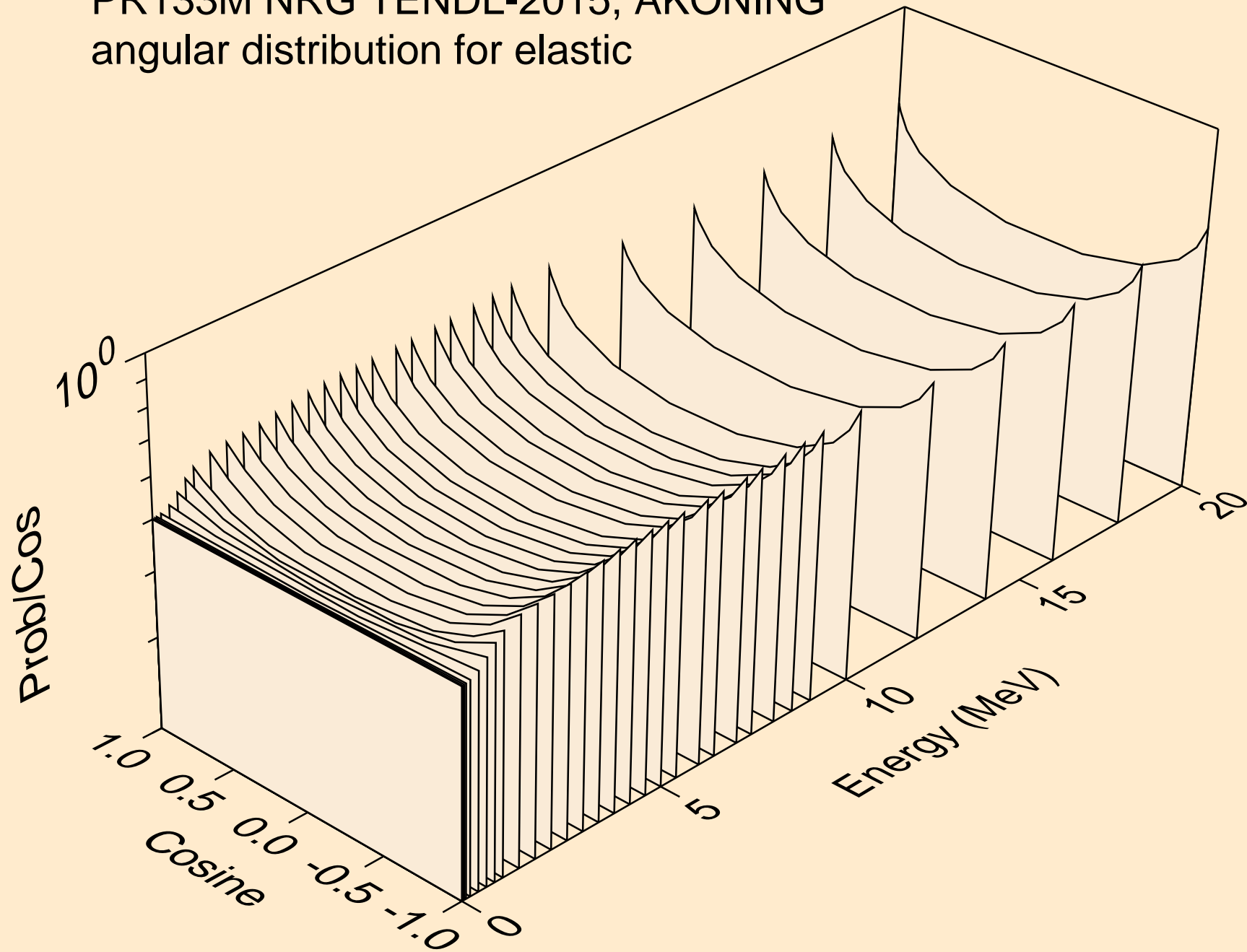
# PR133M NRG TENDL-2015, AKONING

## Threshold reactions

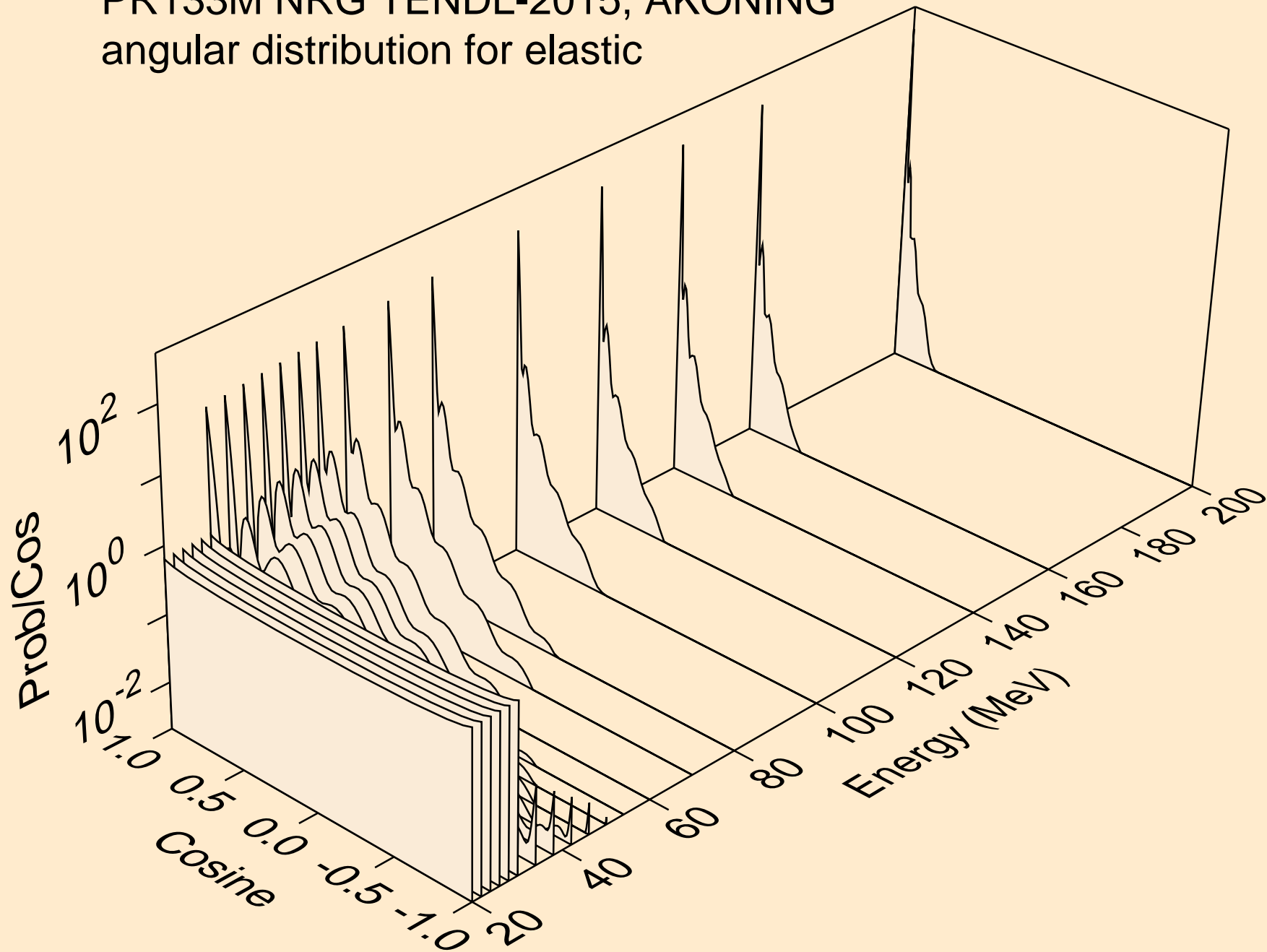




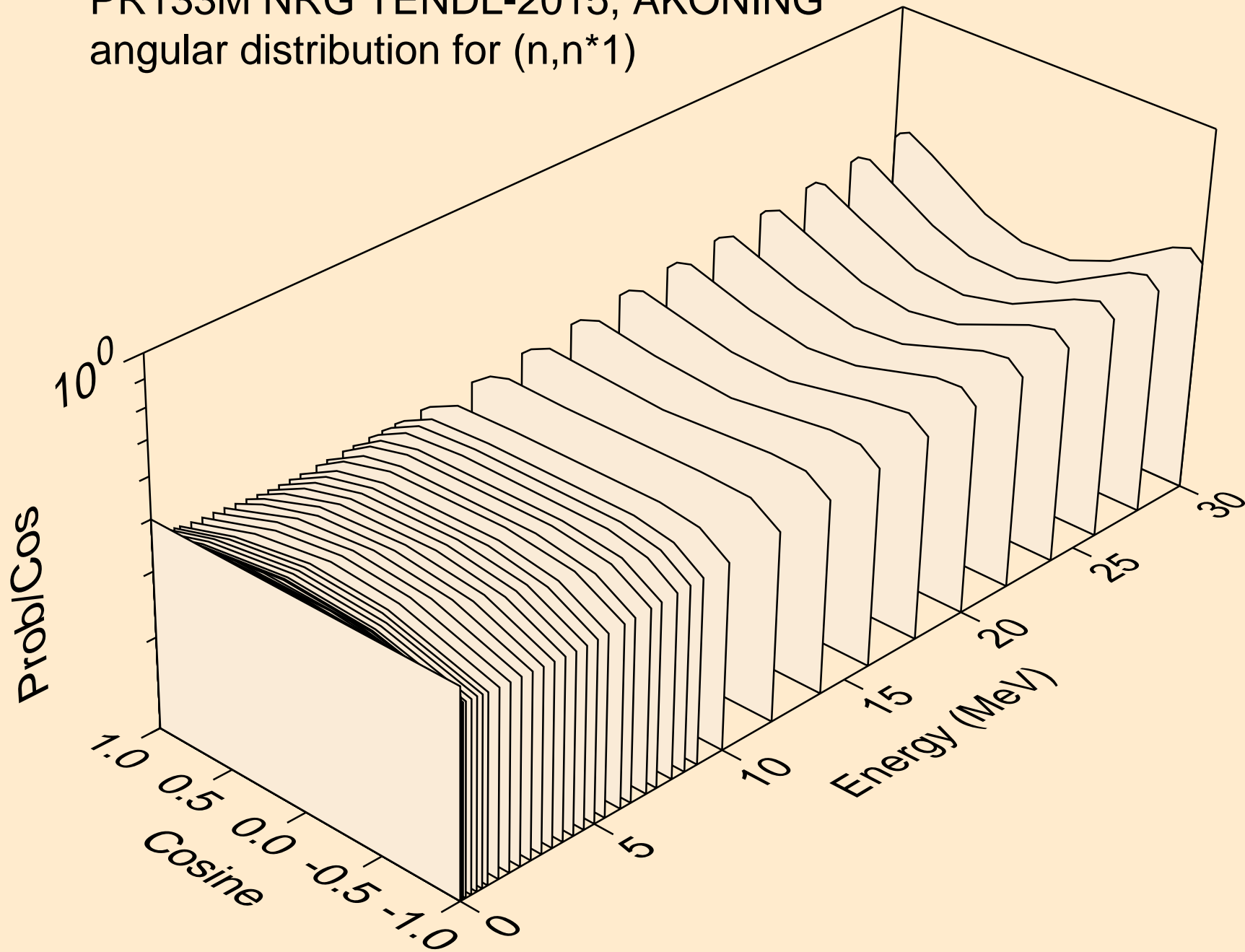
PR133M NRG TENDL-2015, AKONING  
angular distribution for elastic



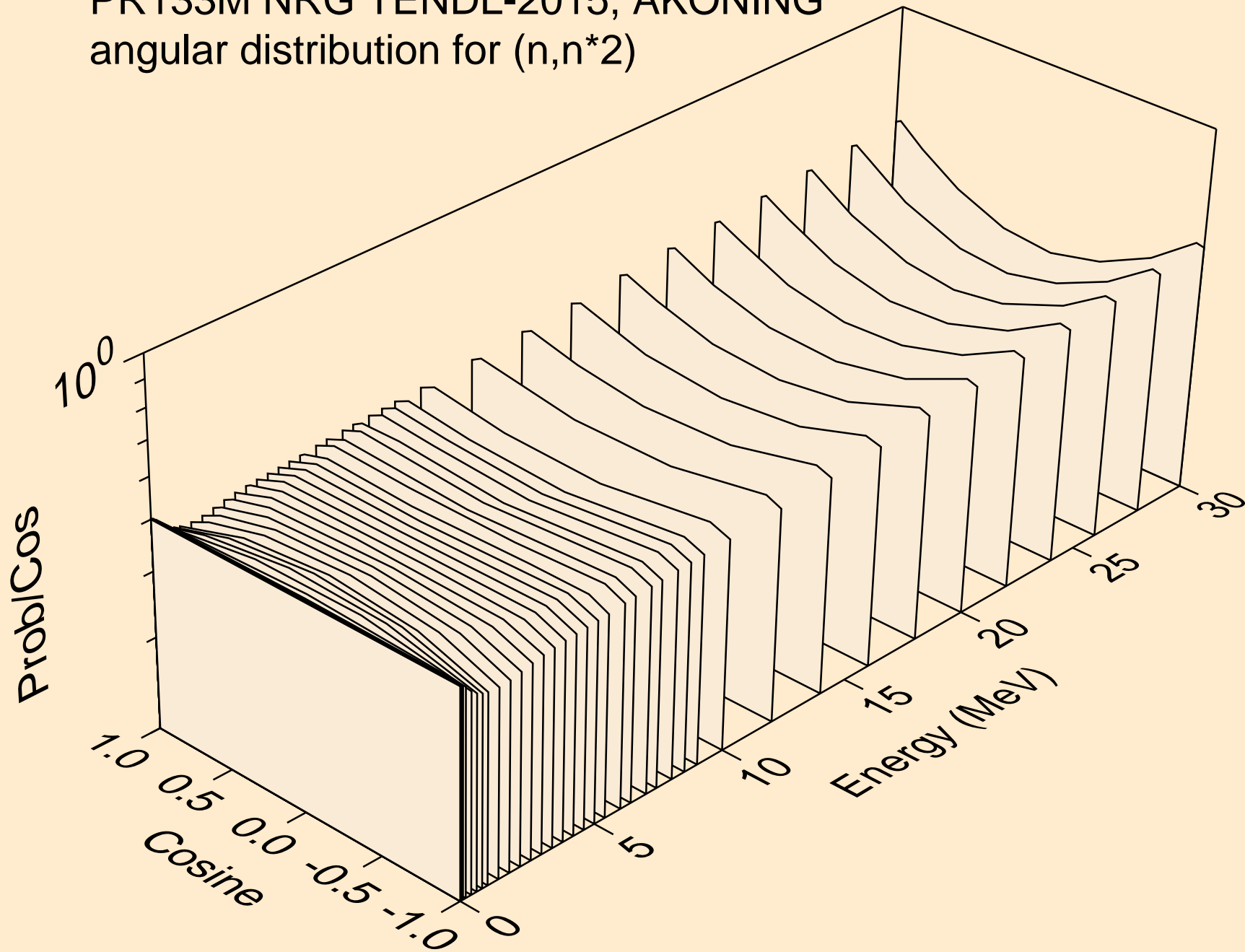
PR133M NRG TENDL-2015, AKONING  
angular distribution for elastic



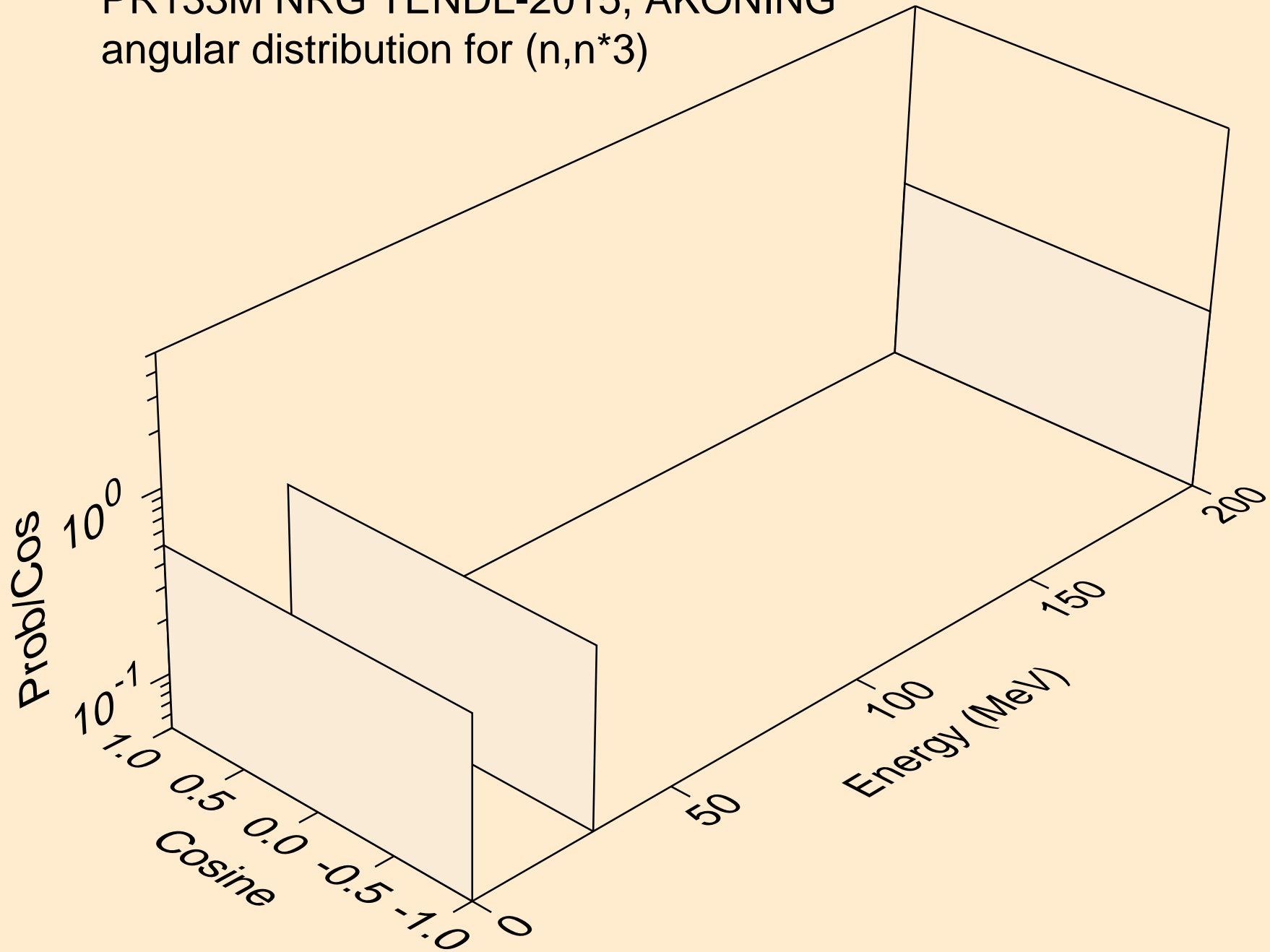
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



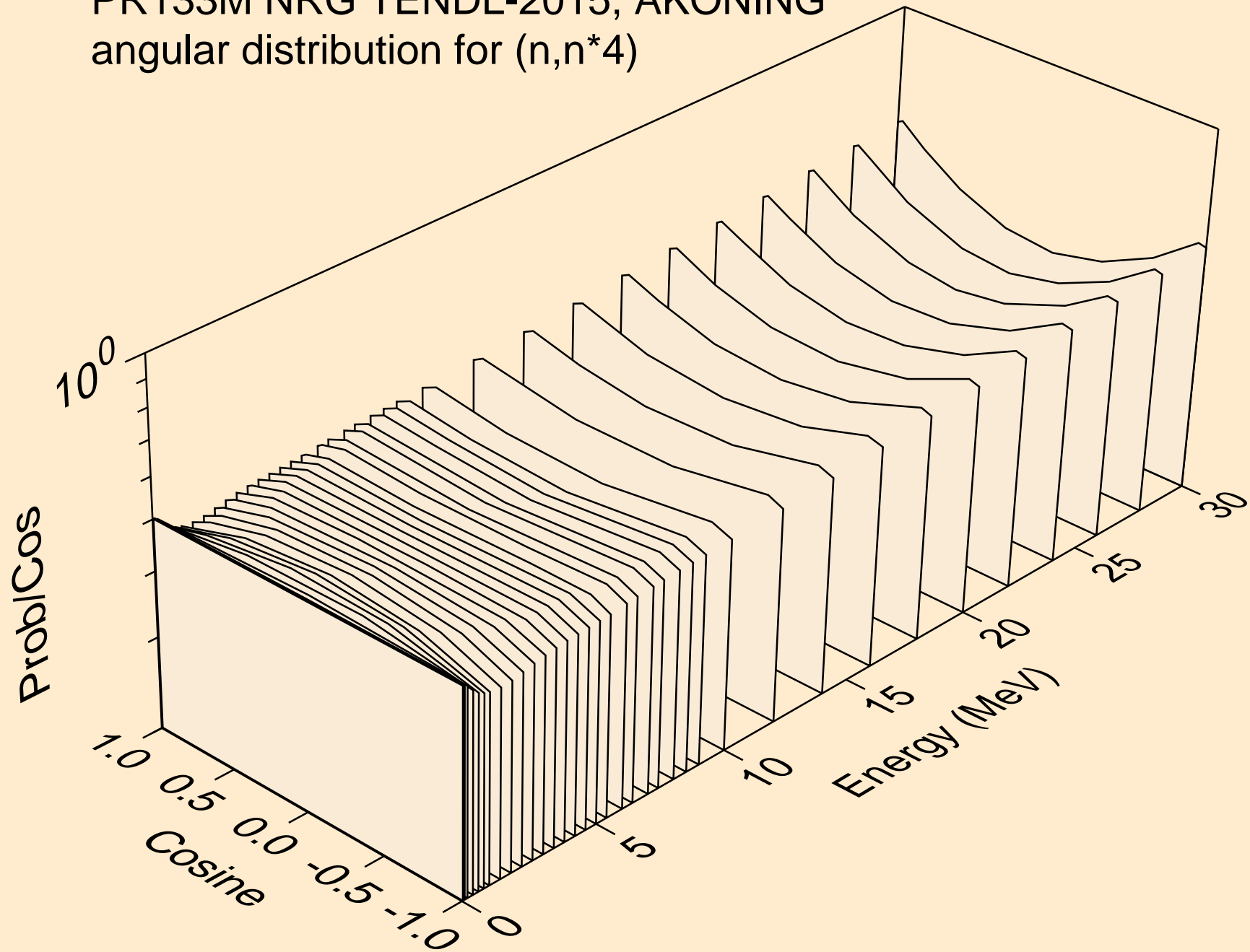
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



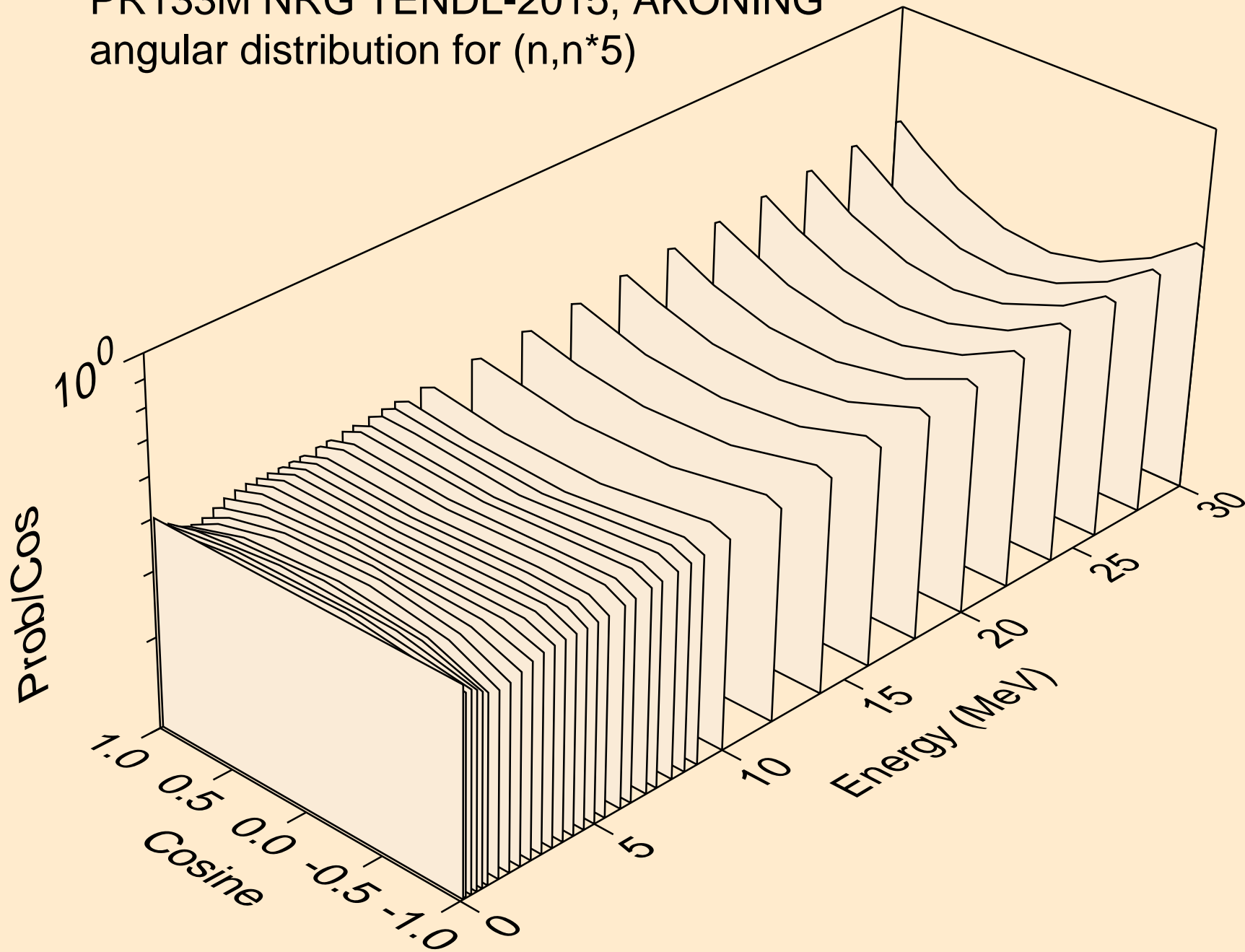
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



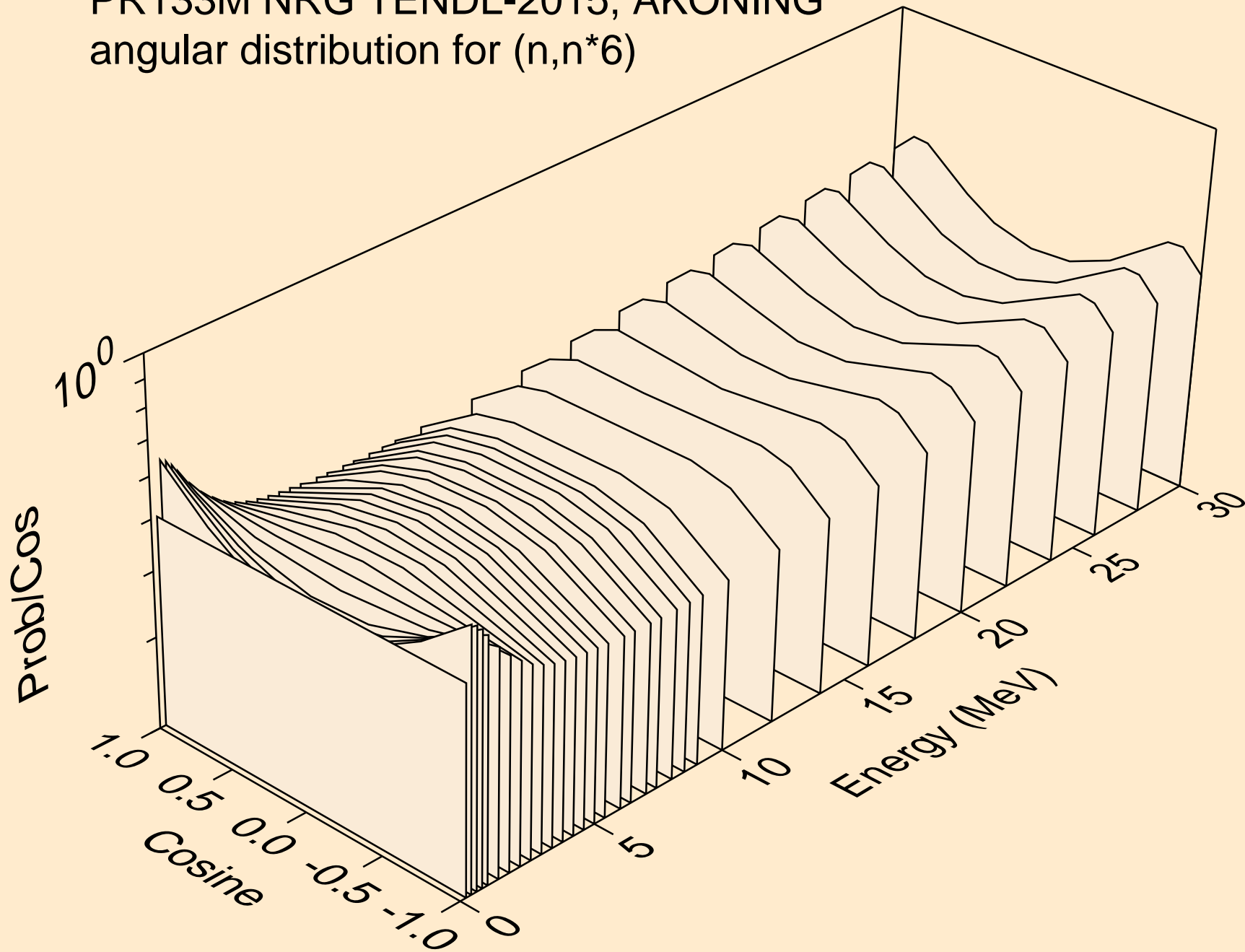
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

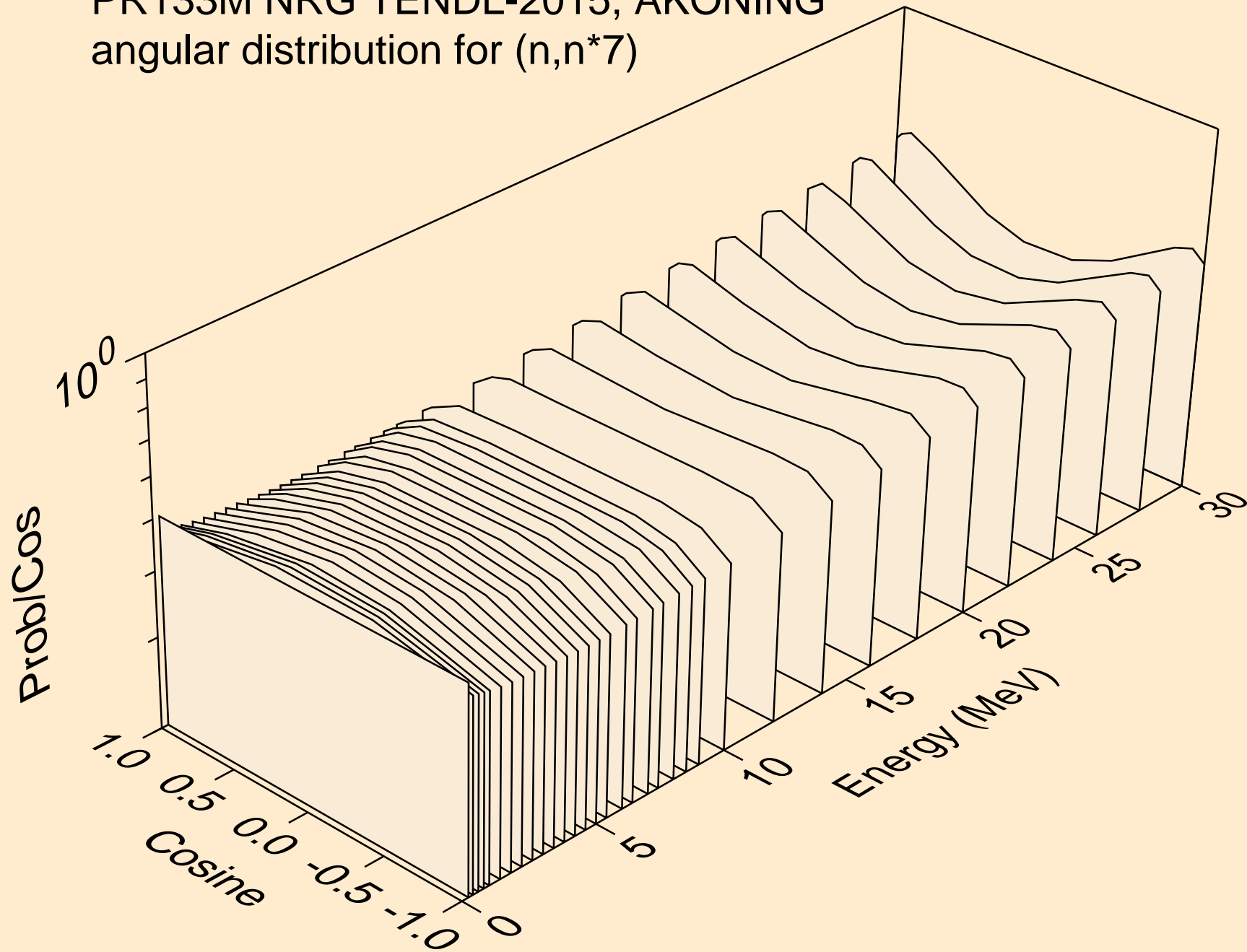


PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

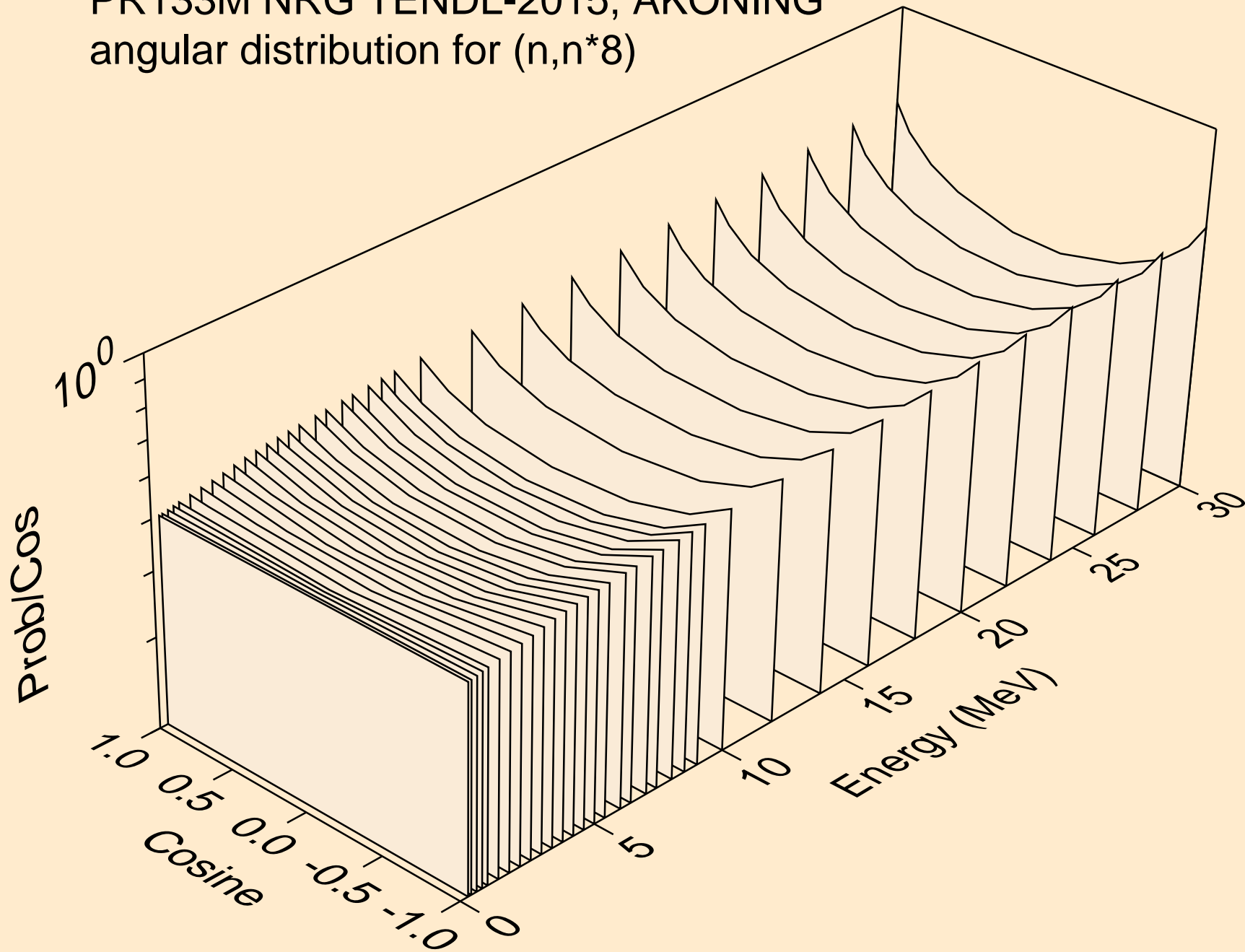




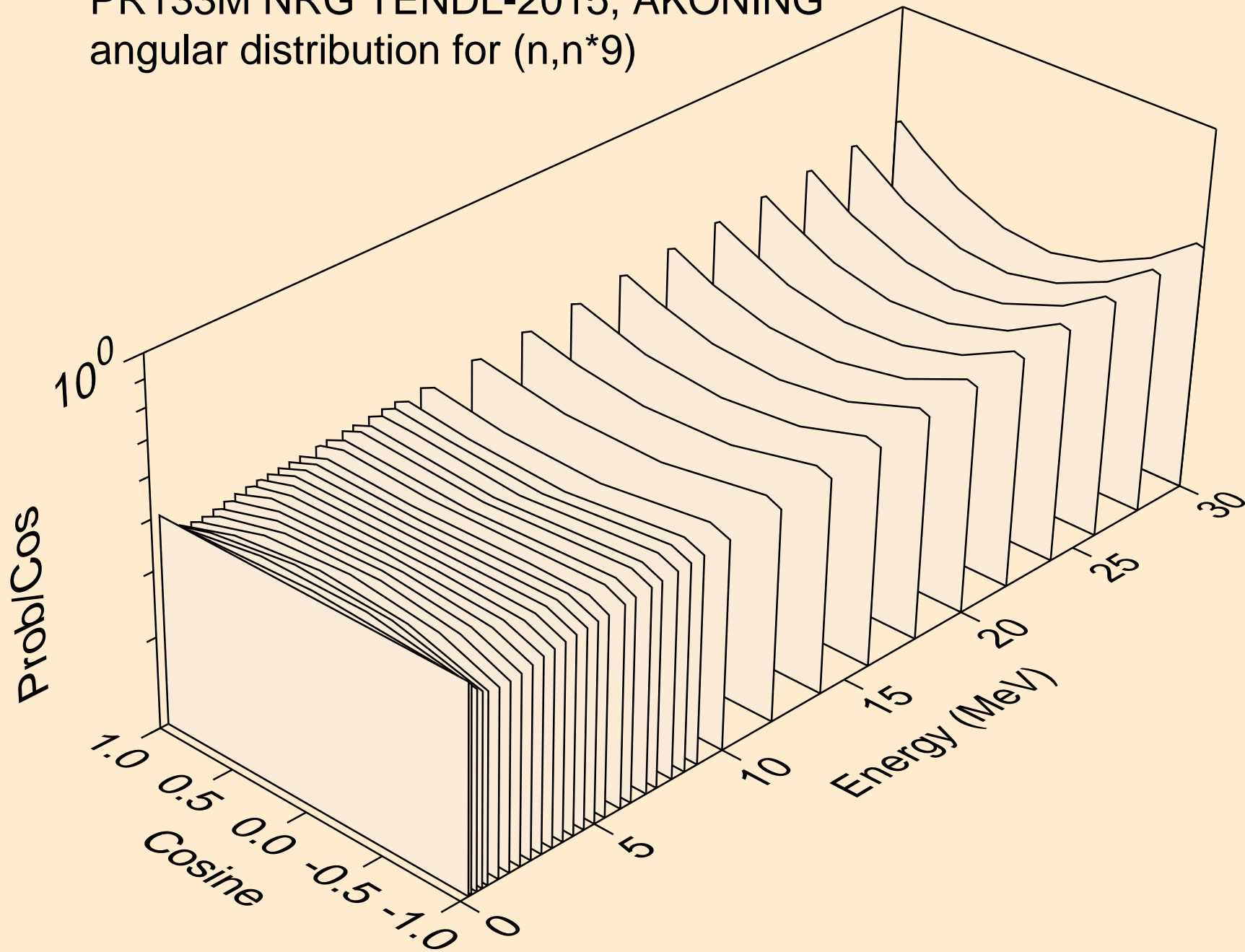
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



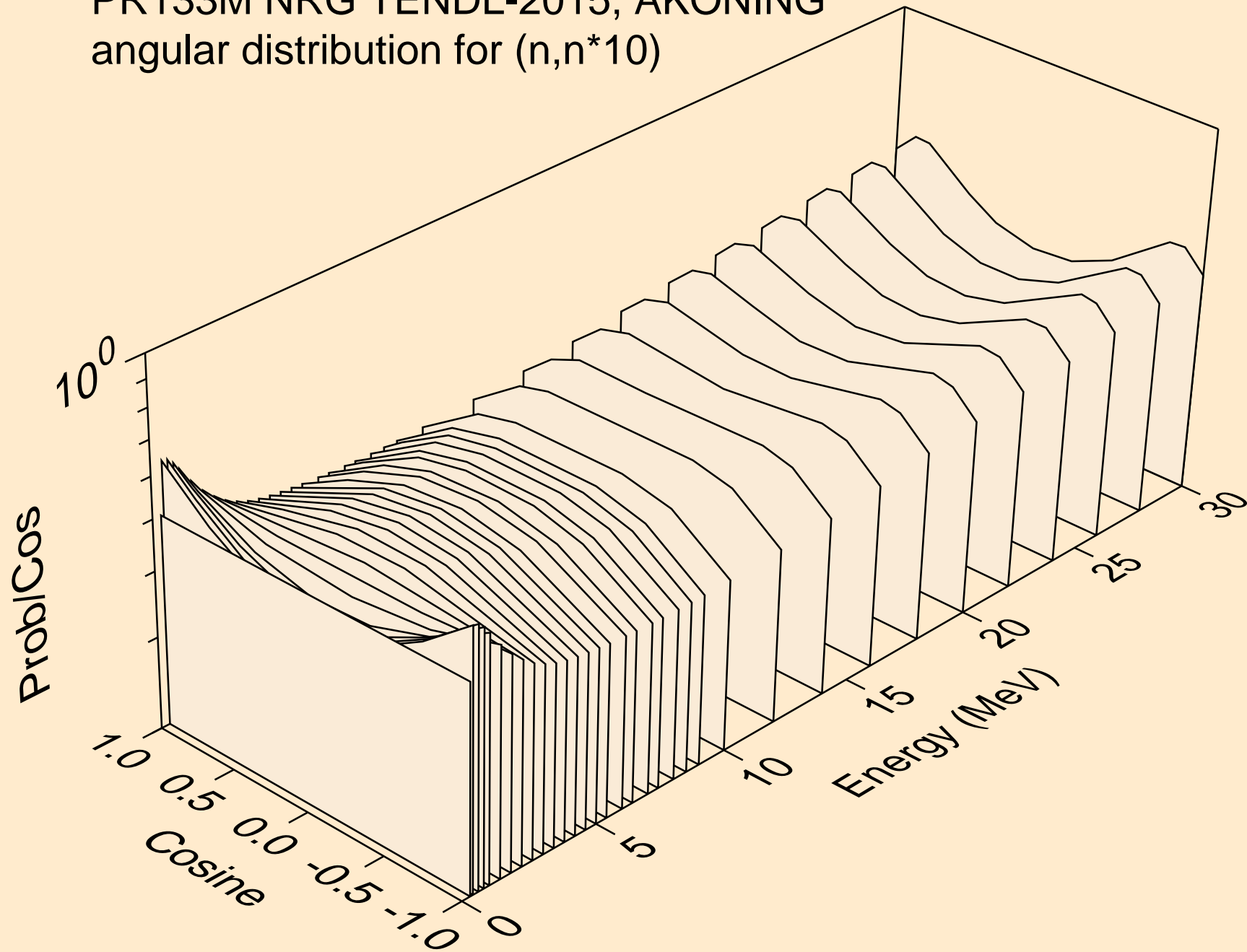
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



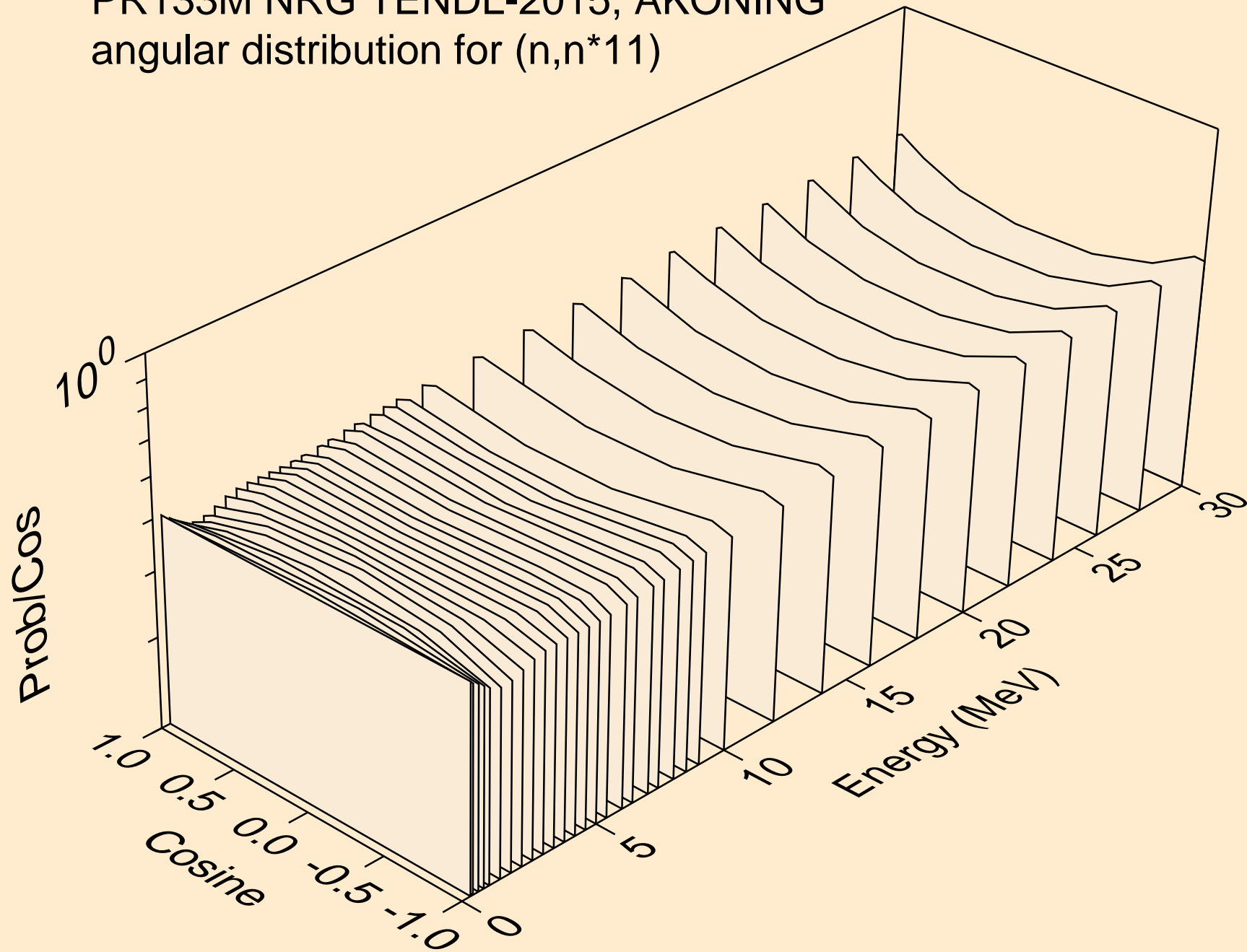
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



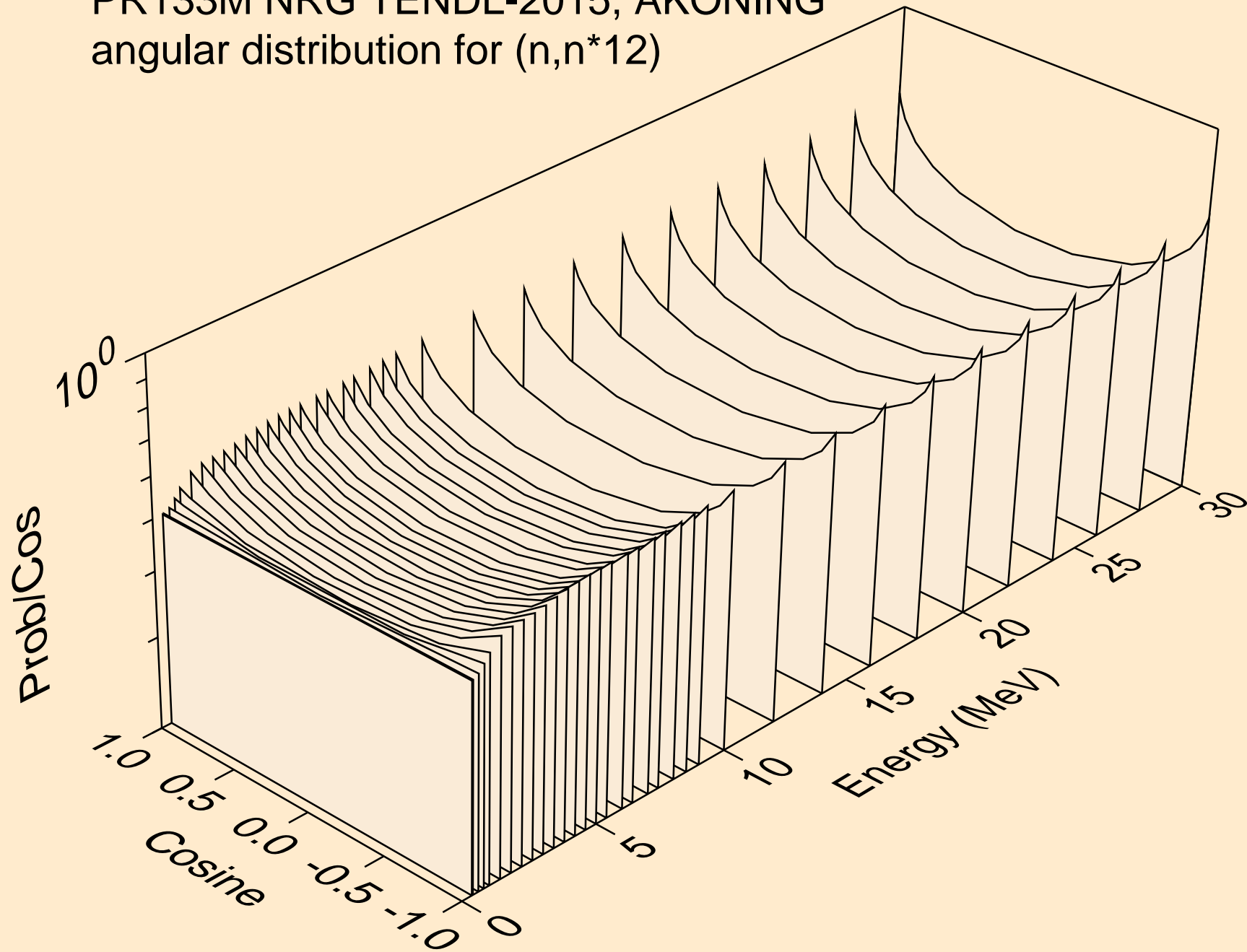
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angular distribution for (n,n\*10)



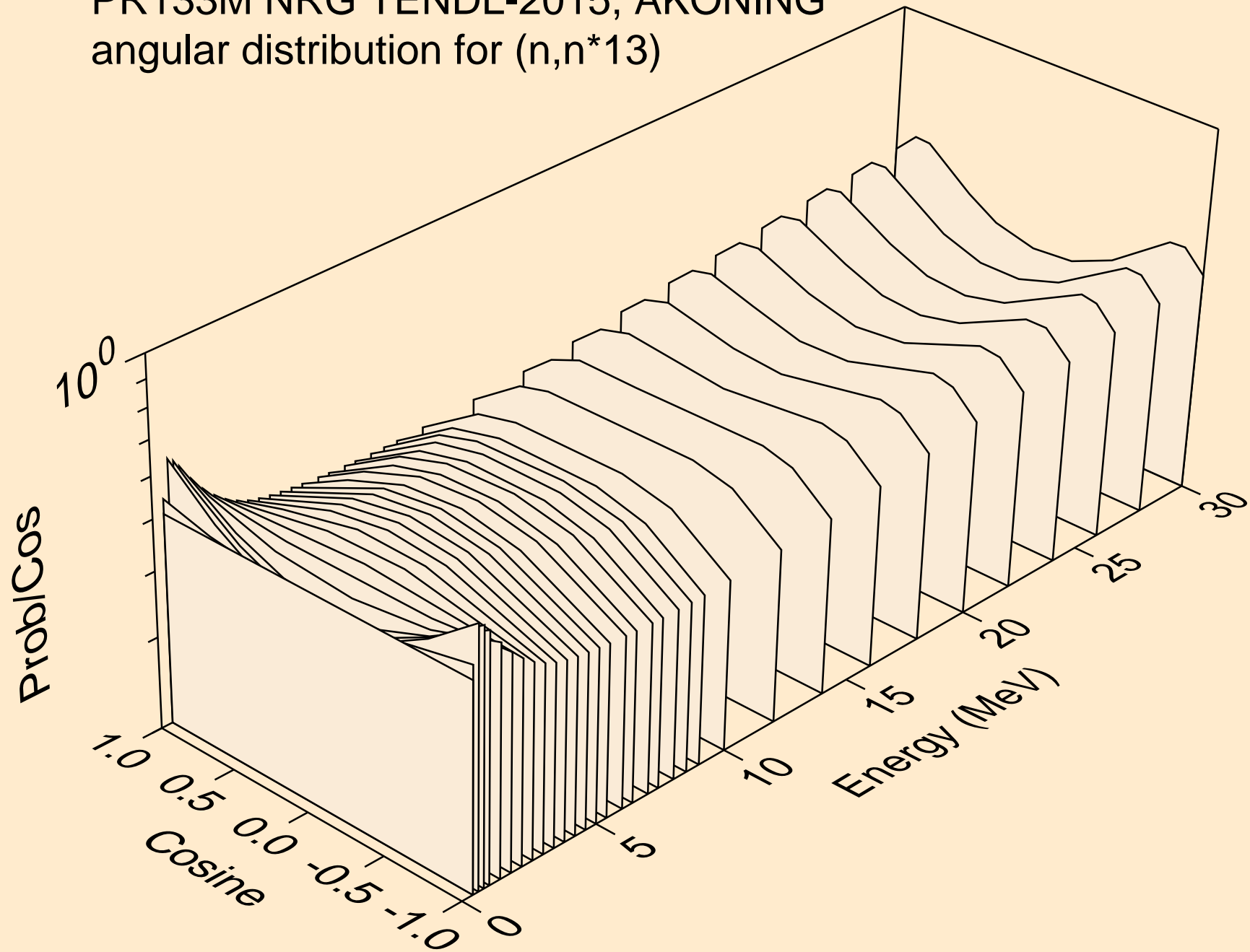
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



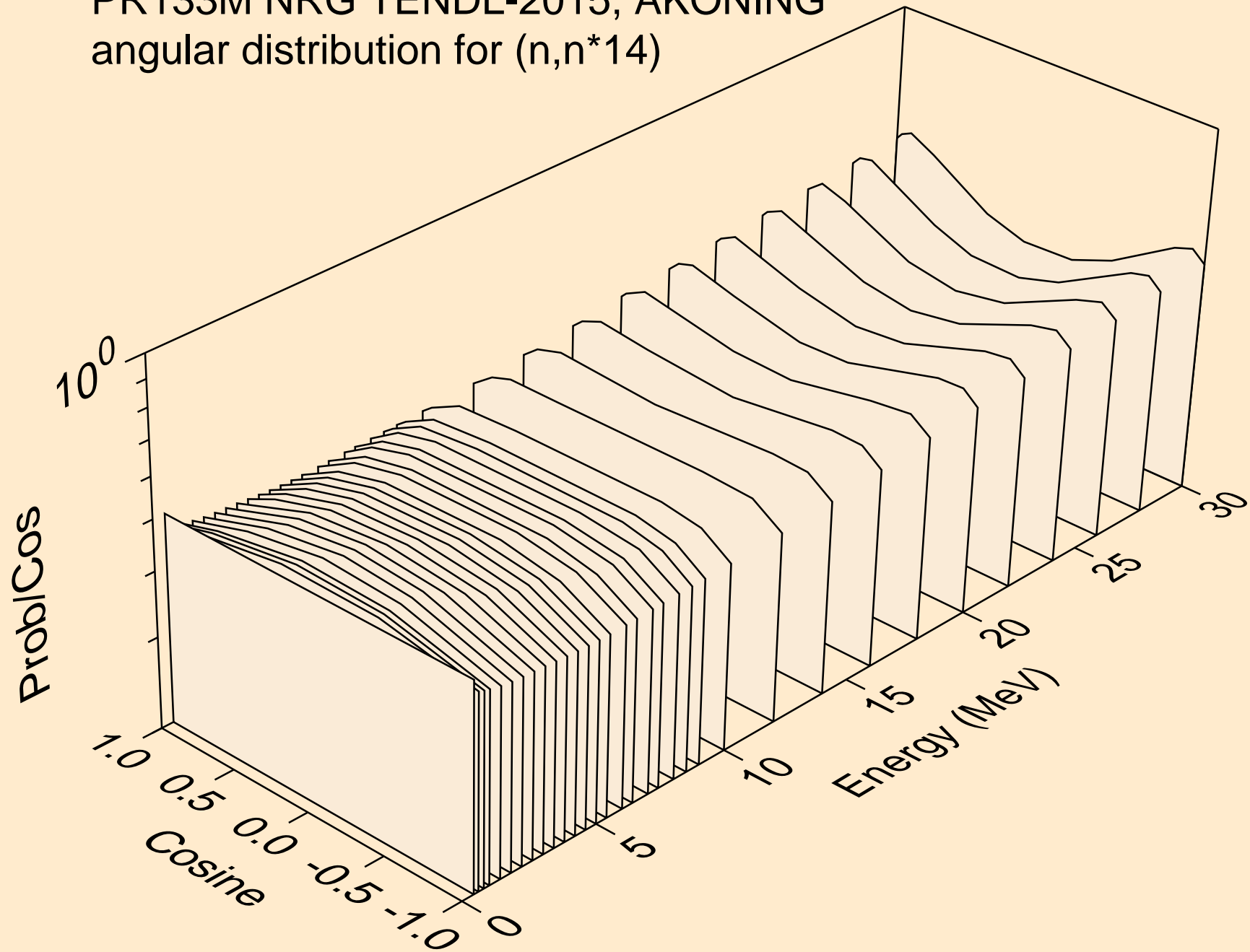
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

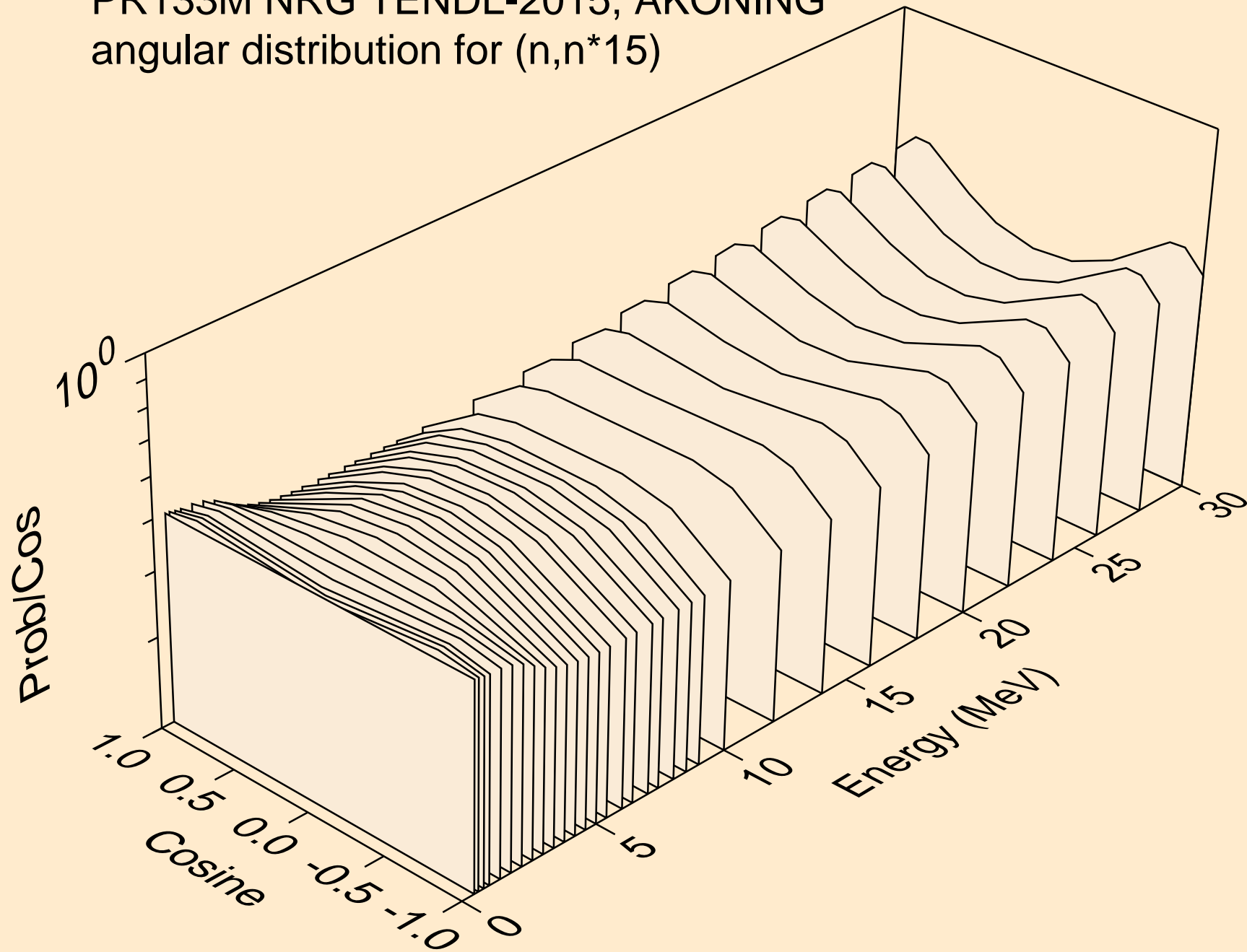


PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

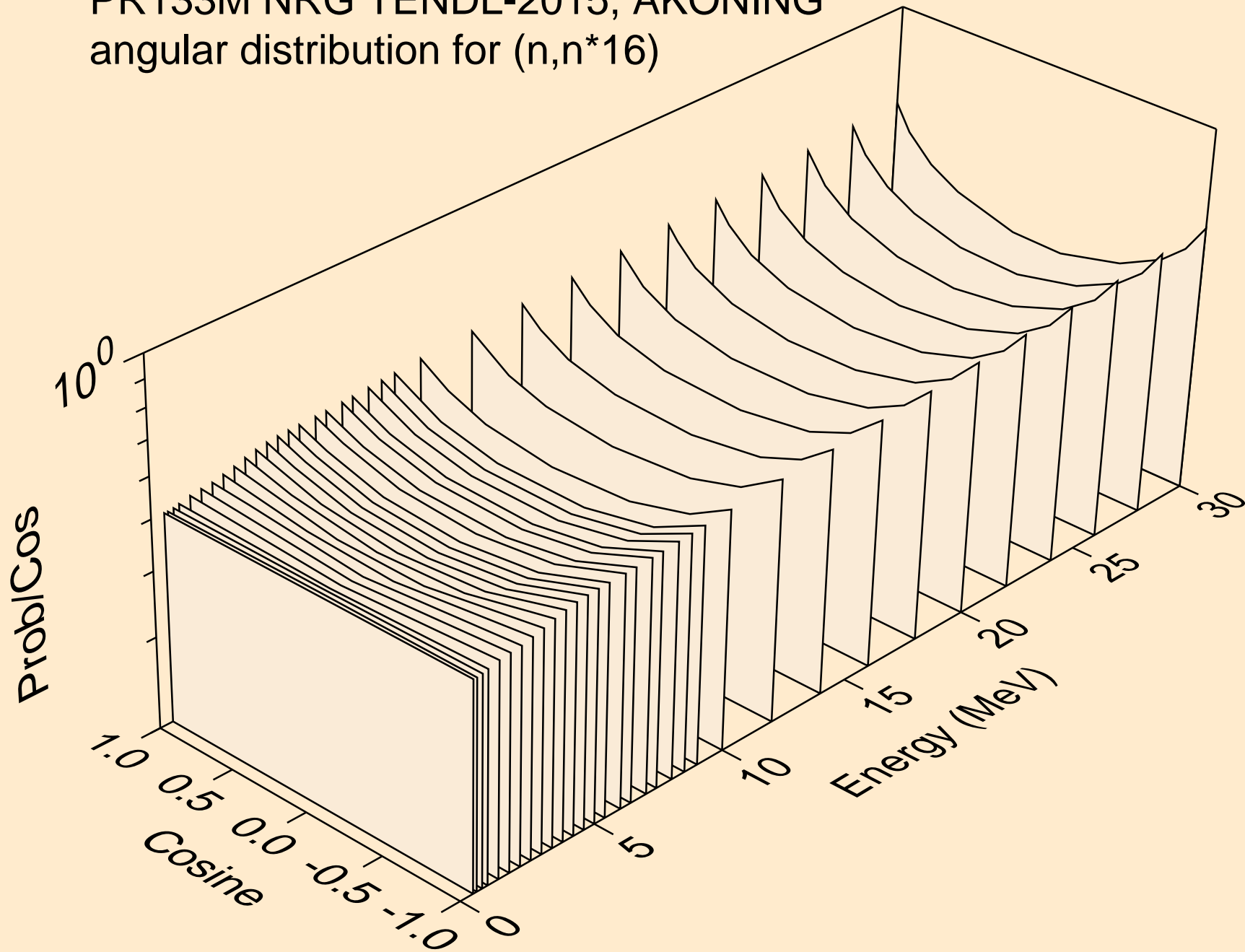




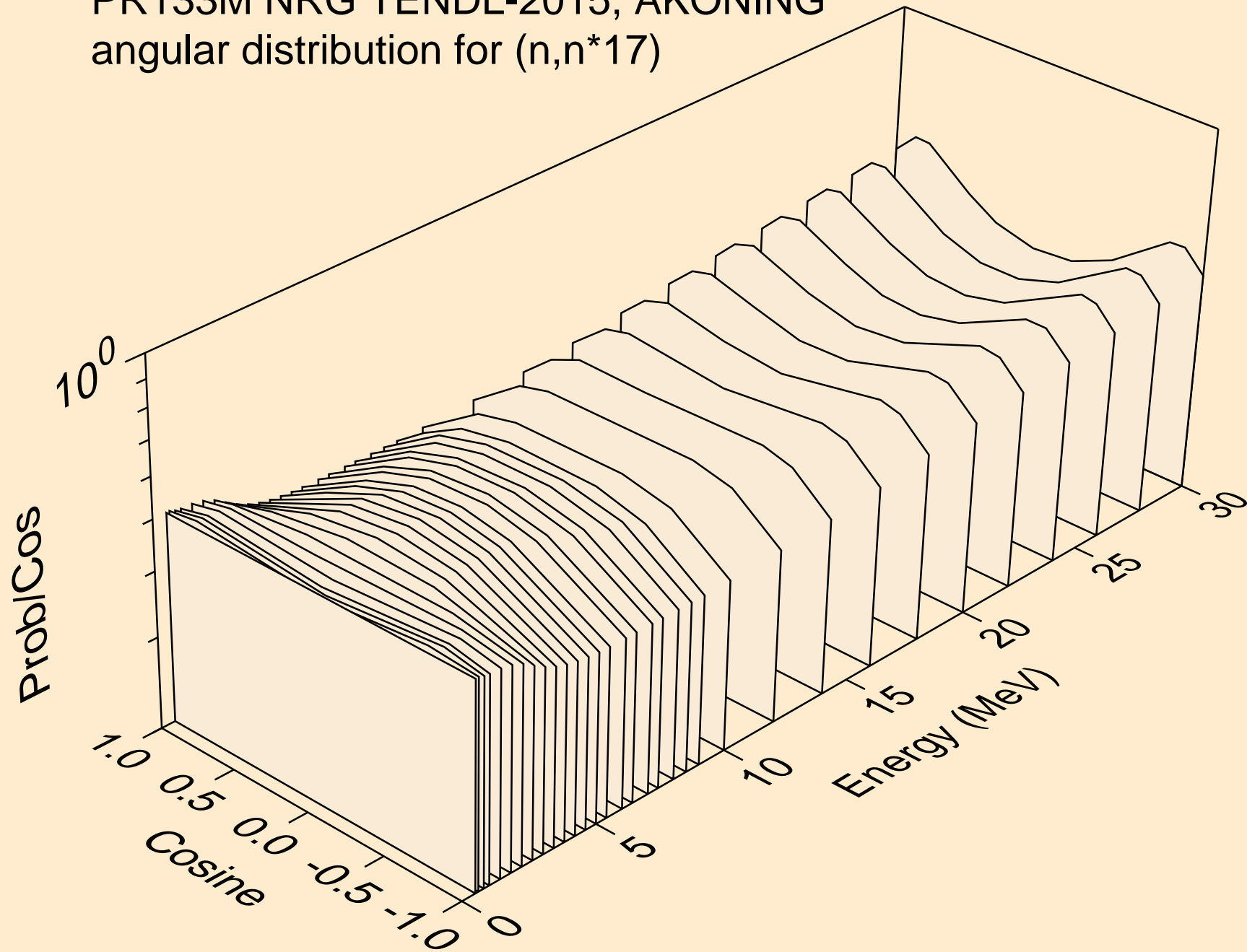
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



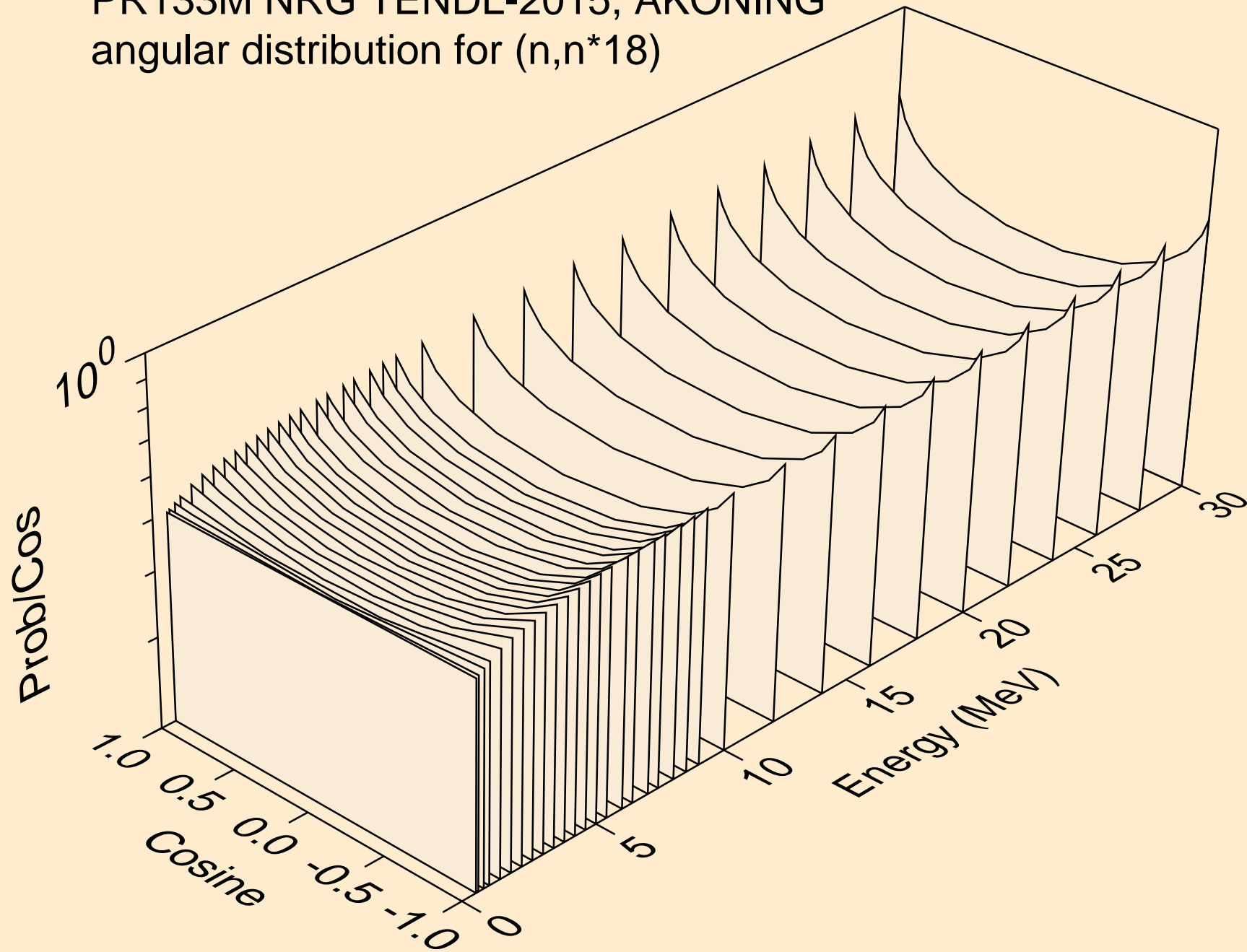
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angular distribution for (n,n\*16)



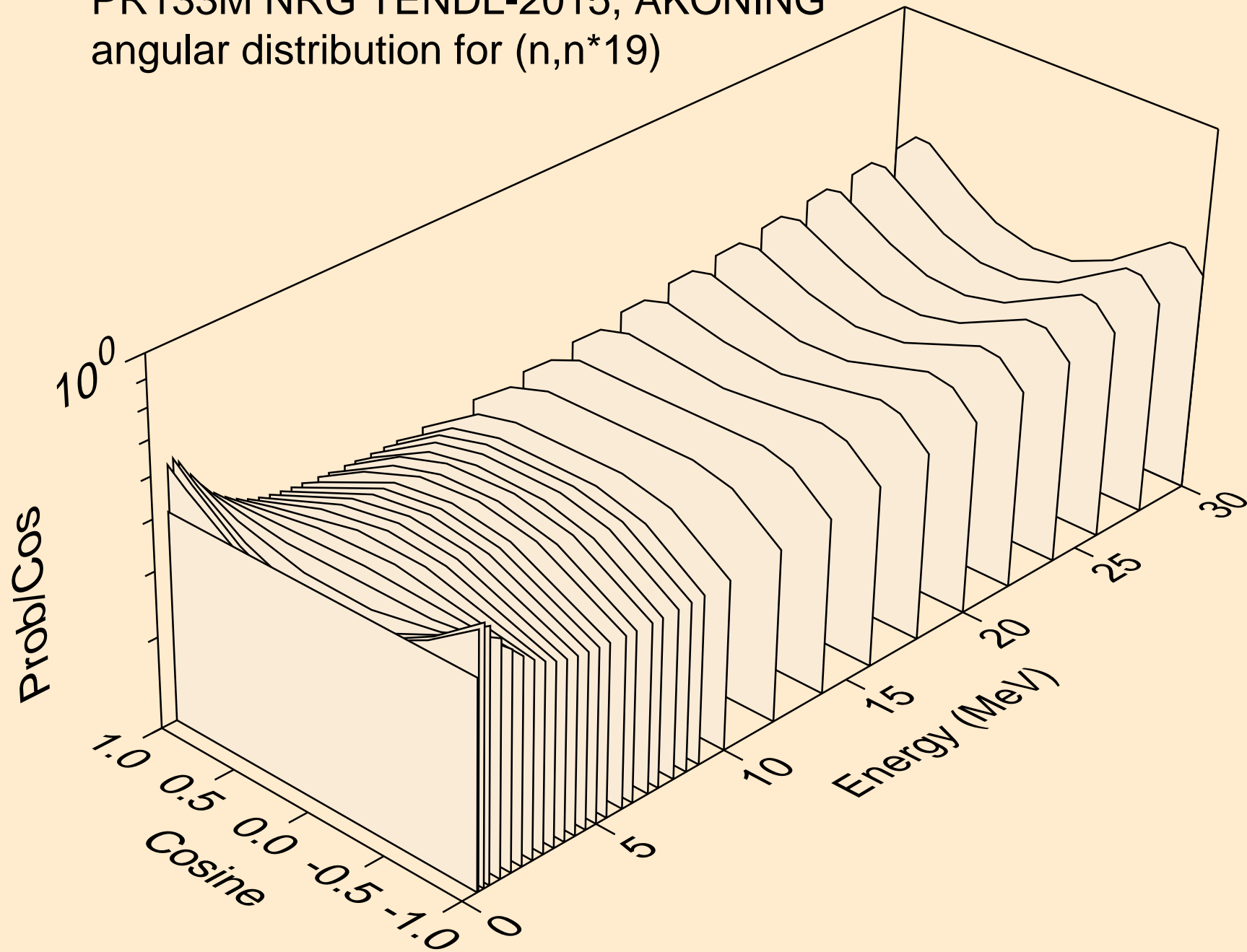
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



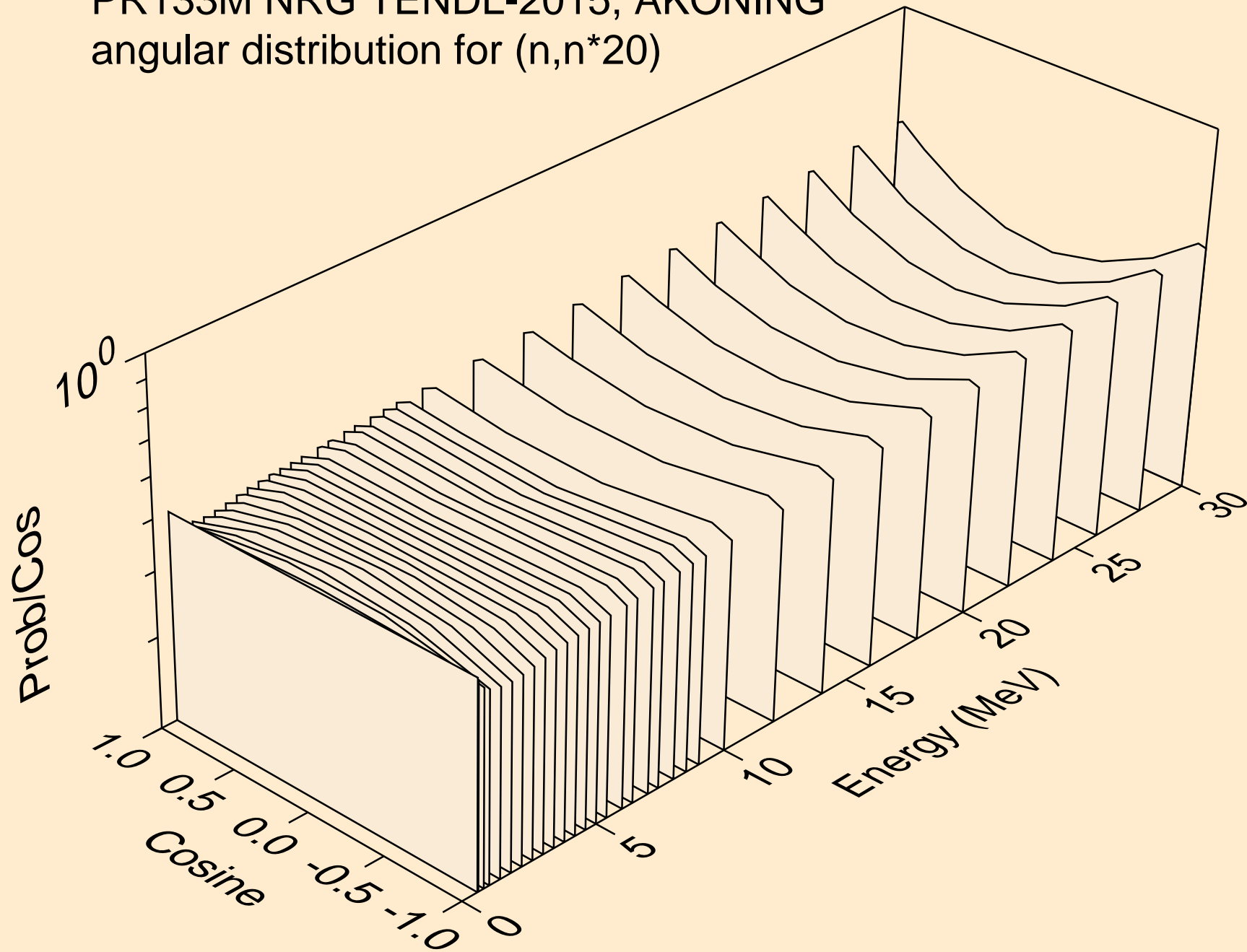
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



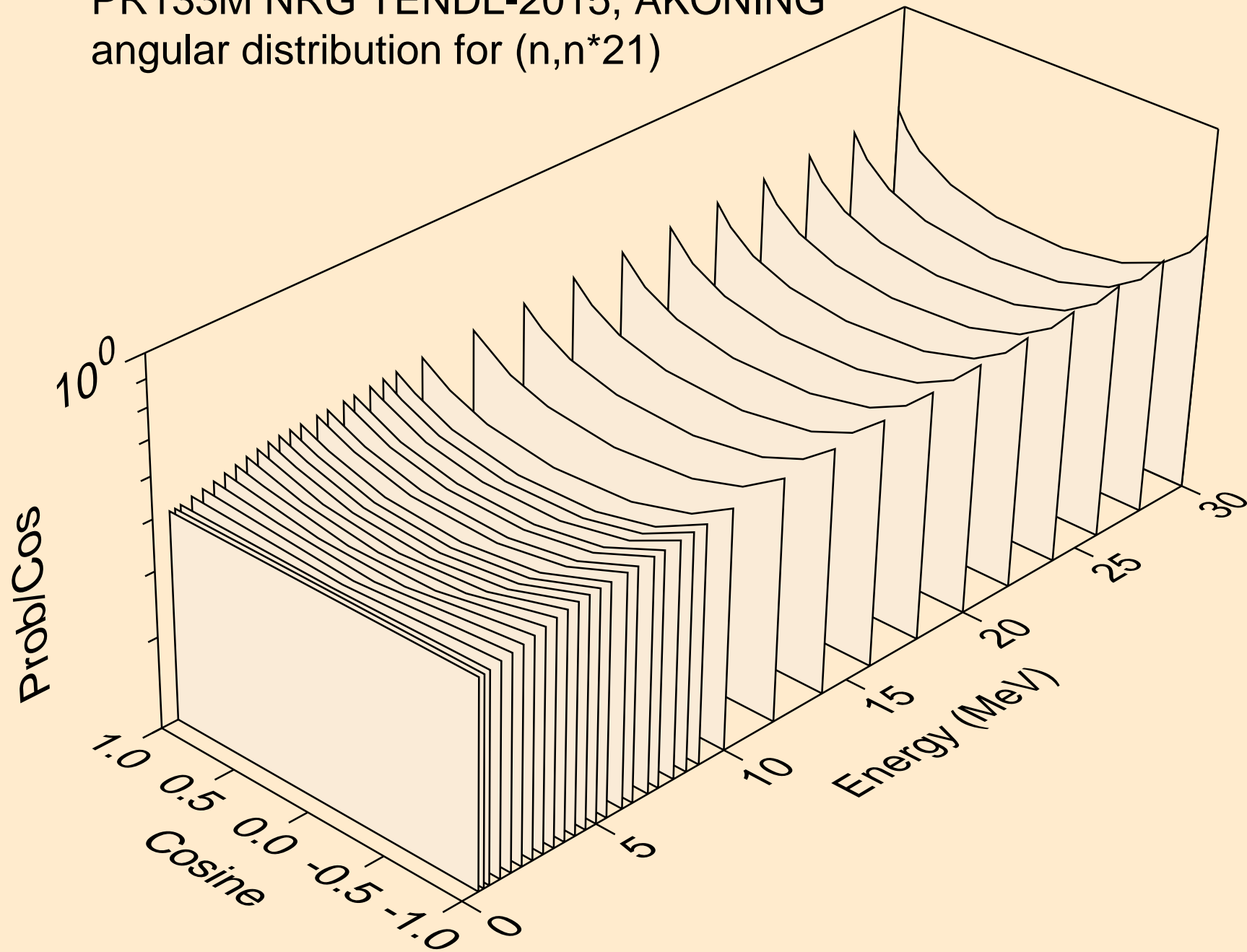
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



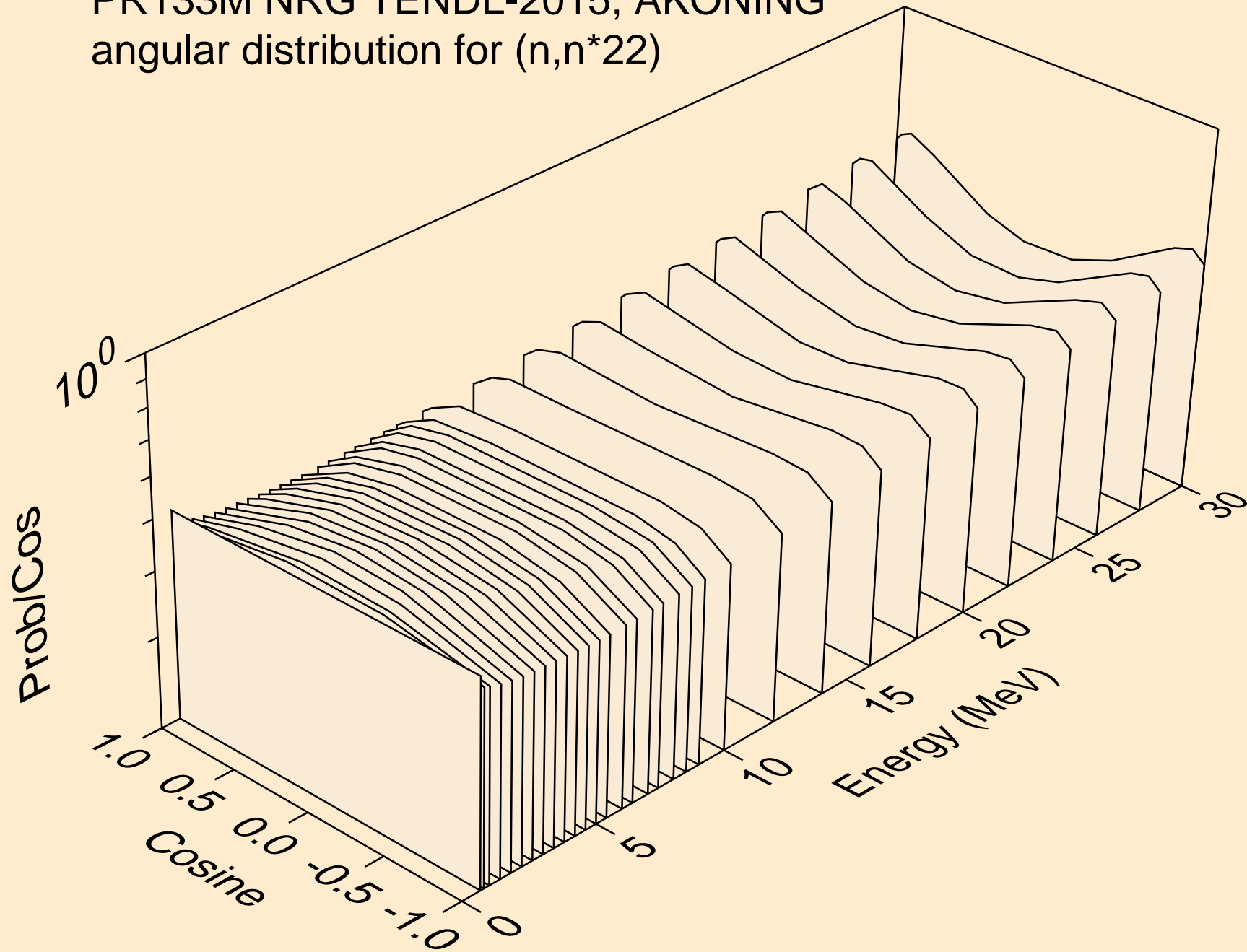
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

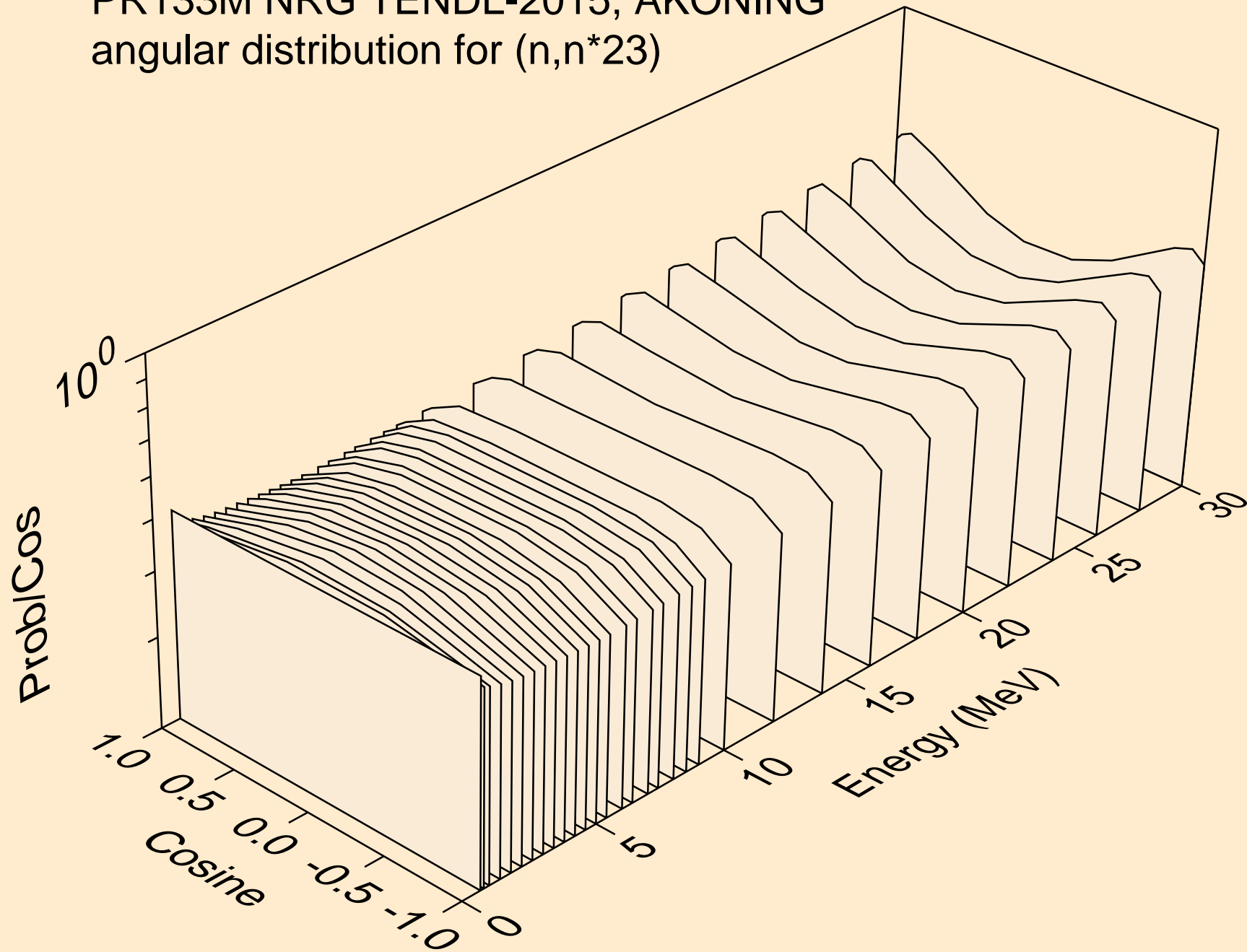


PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

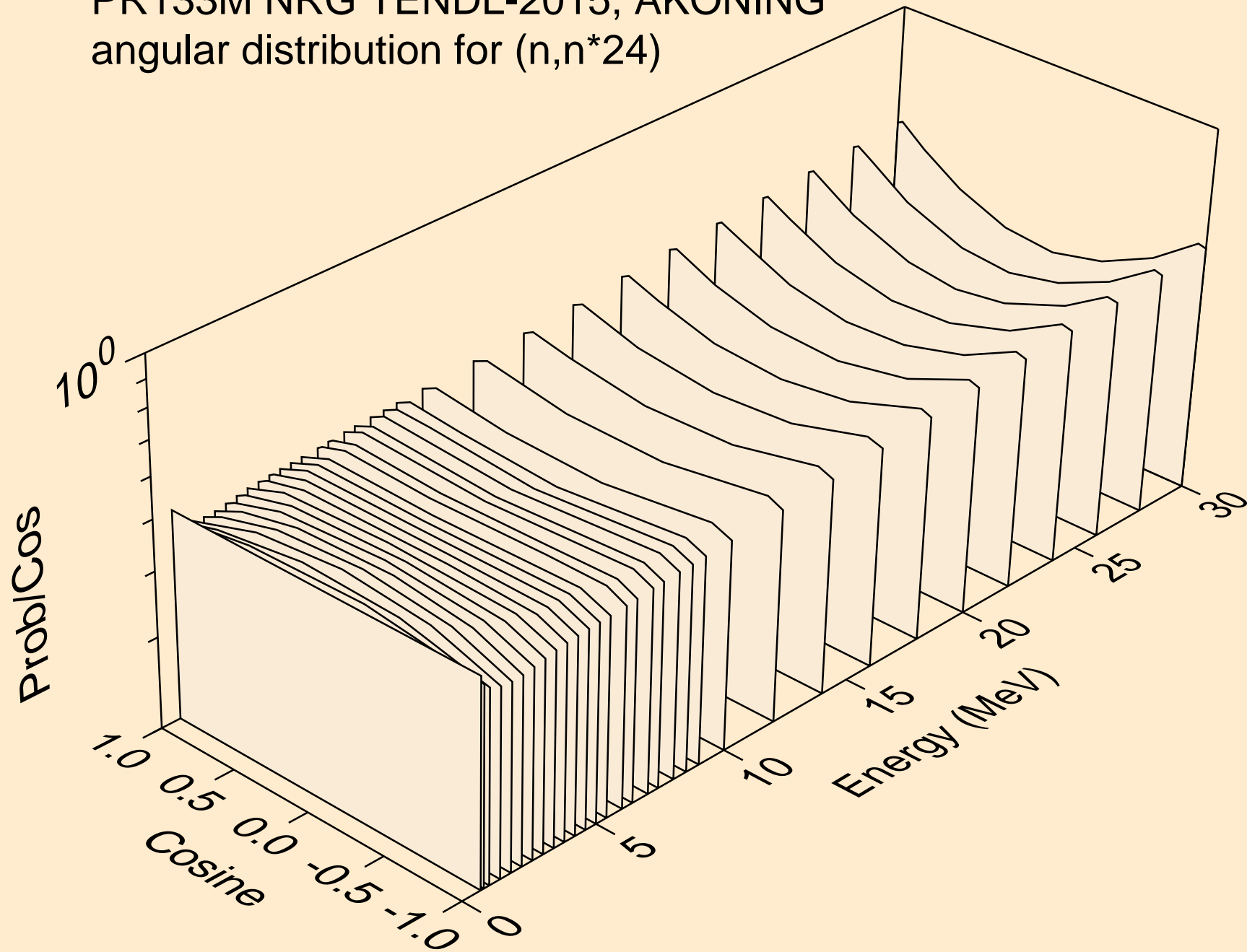




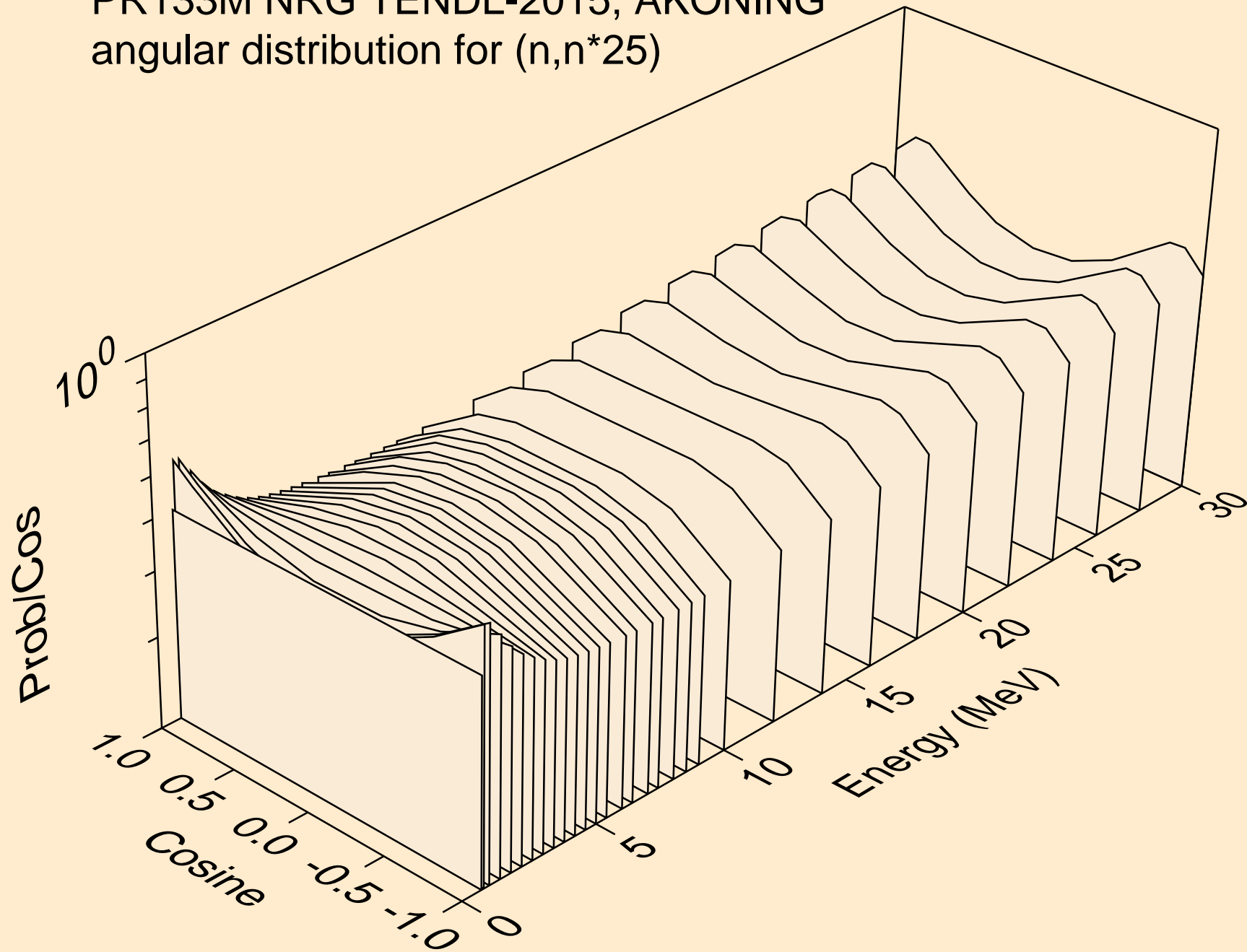
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angular distribution for (n,n\*23)



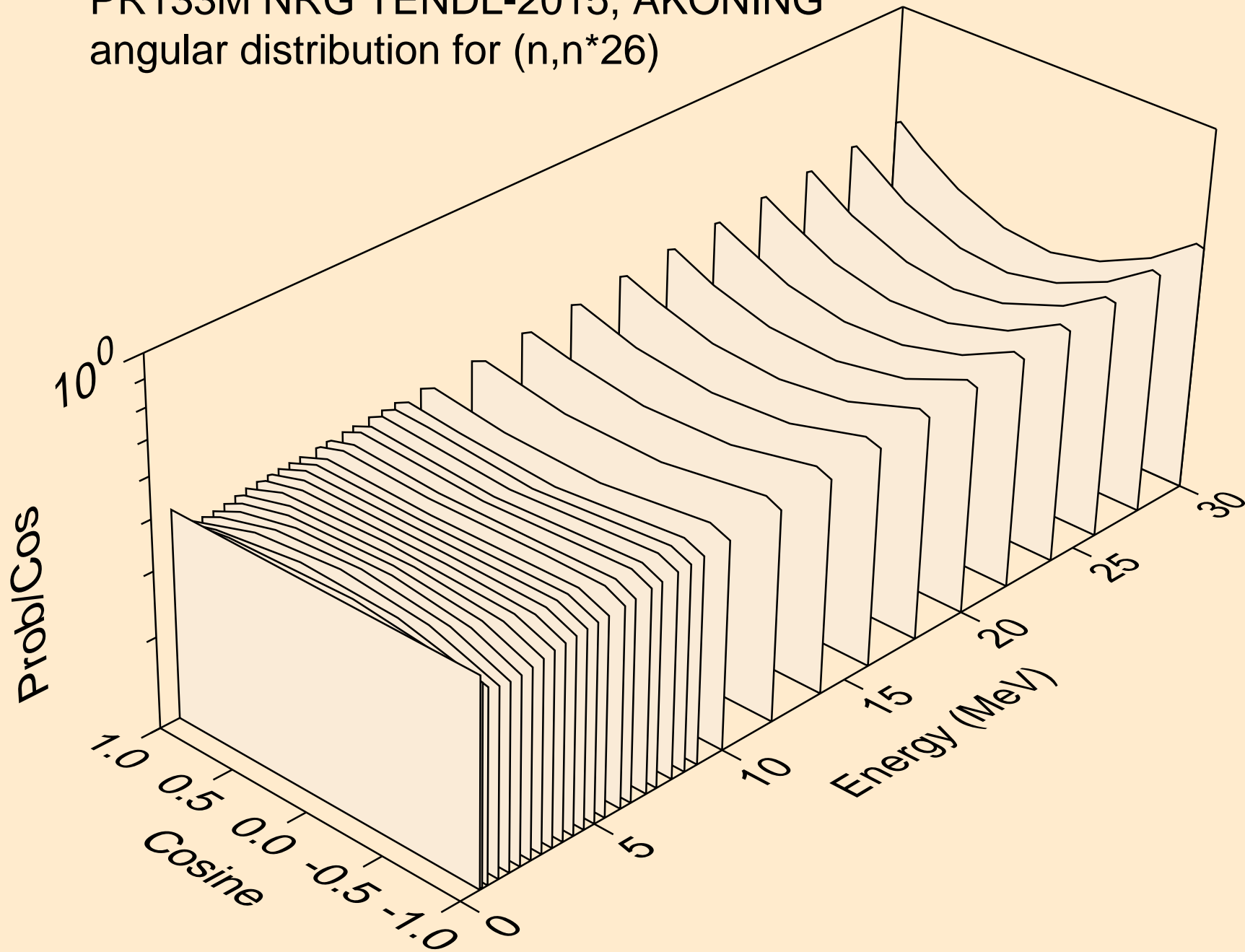
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



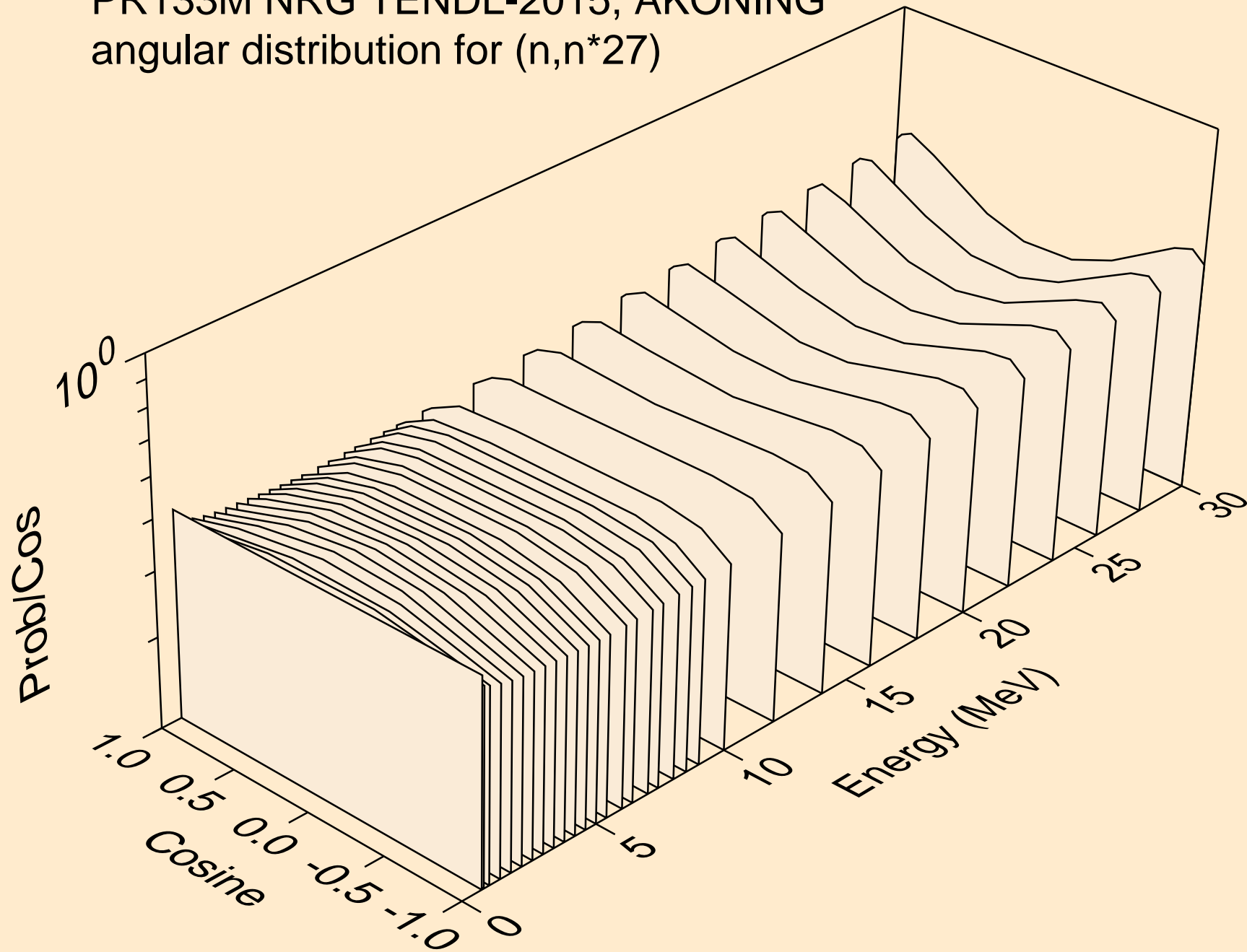
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



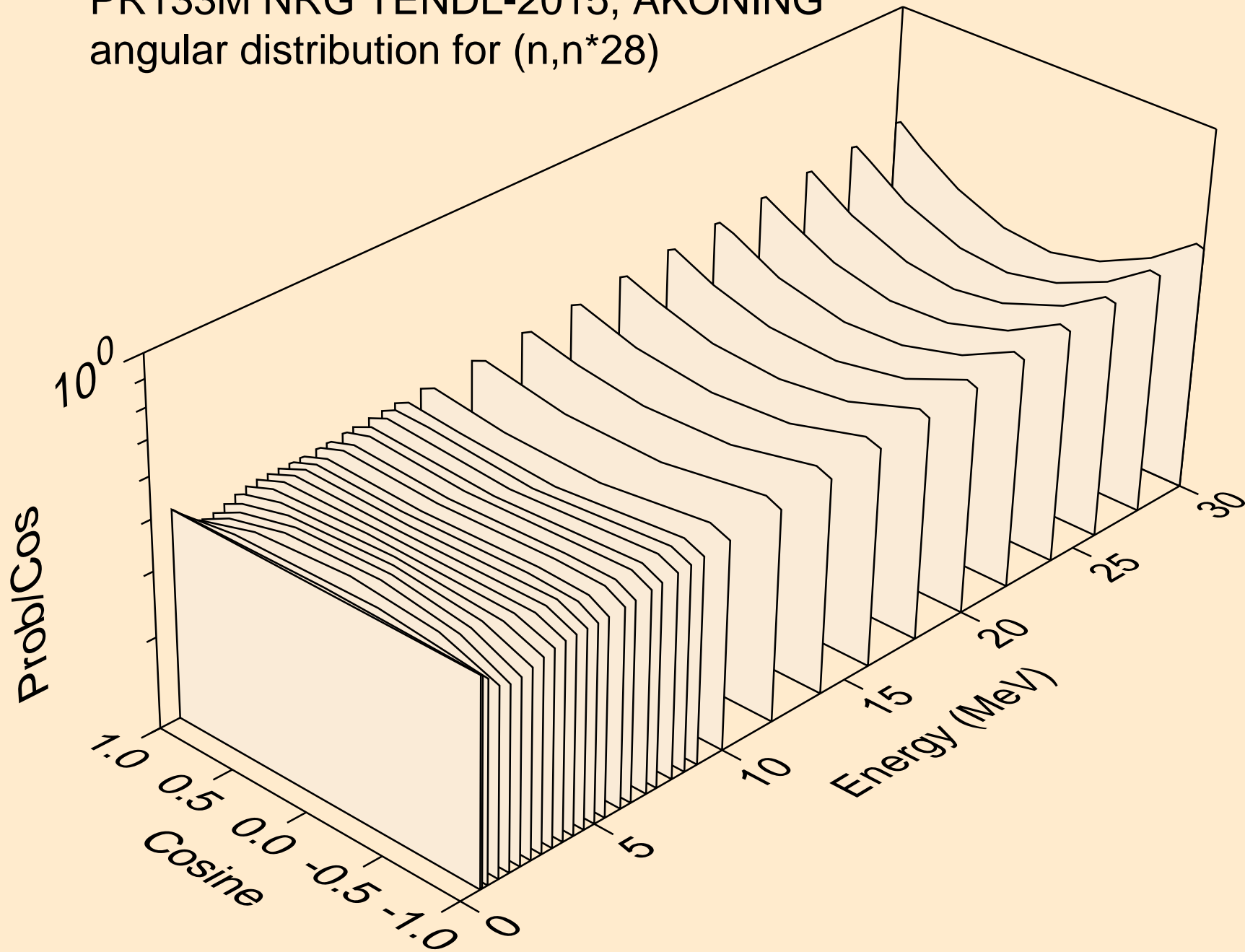
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angular distribution for (n,n\*26)



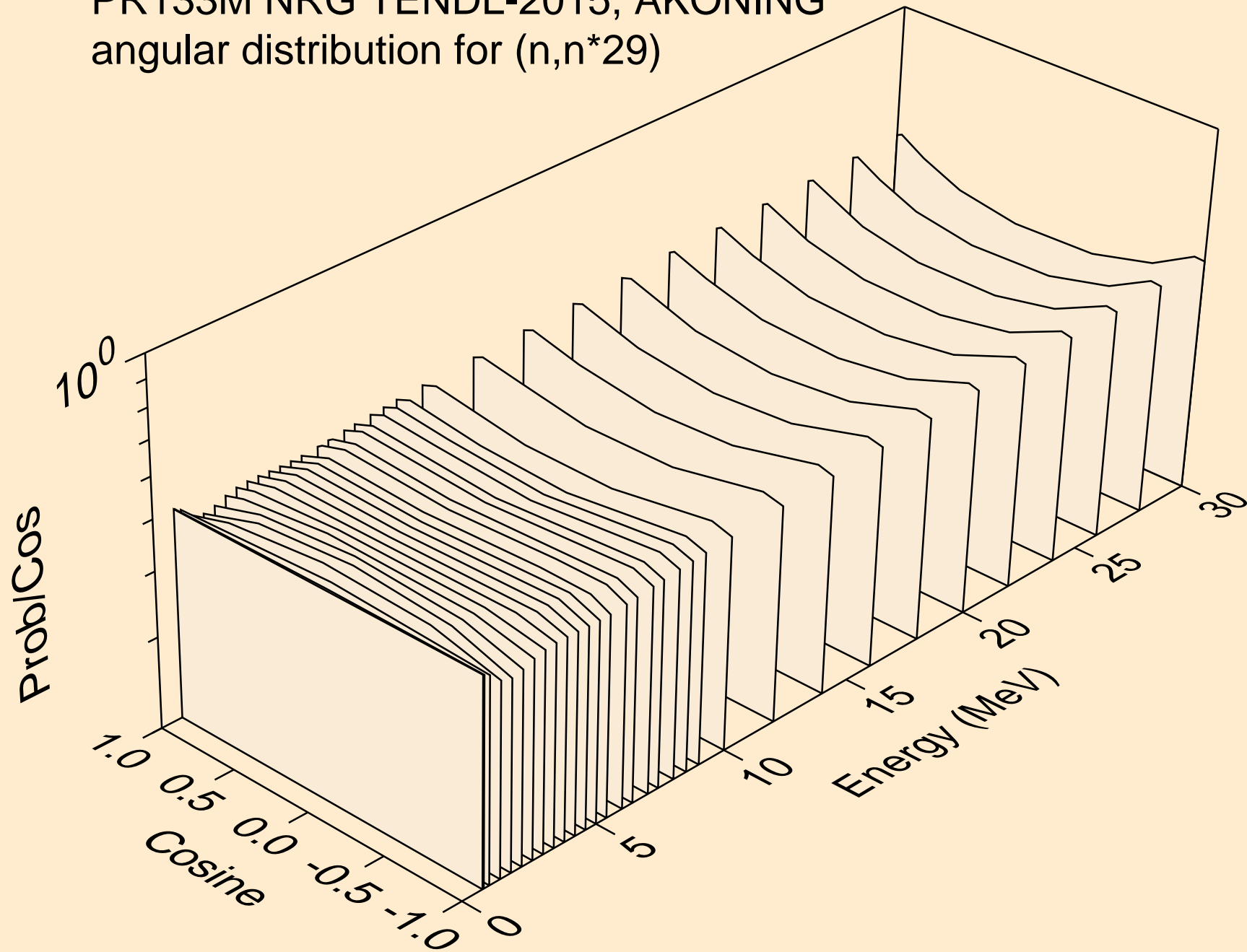
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angular distribution for (n,n\*27)



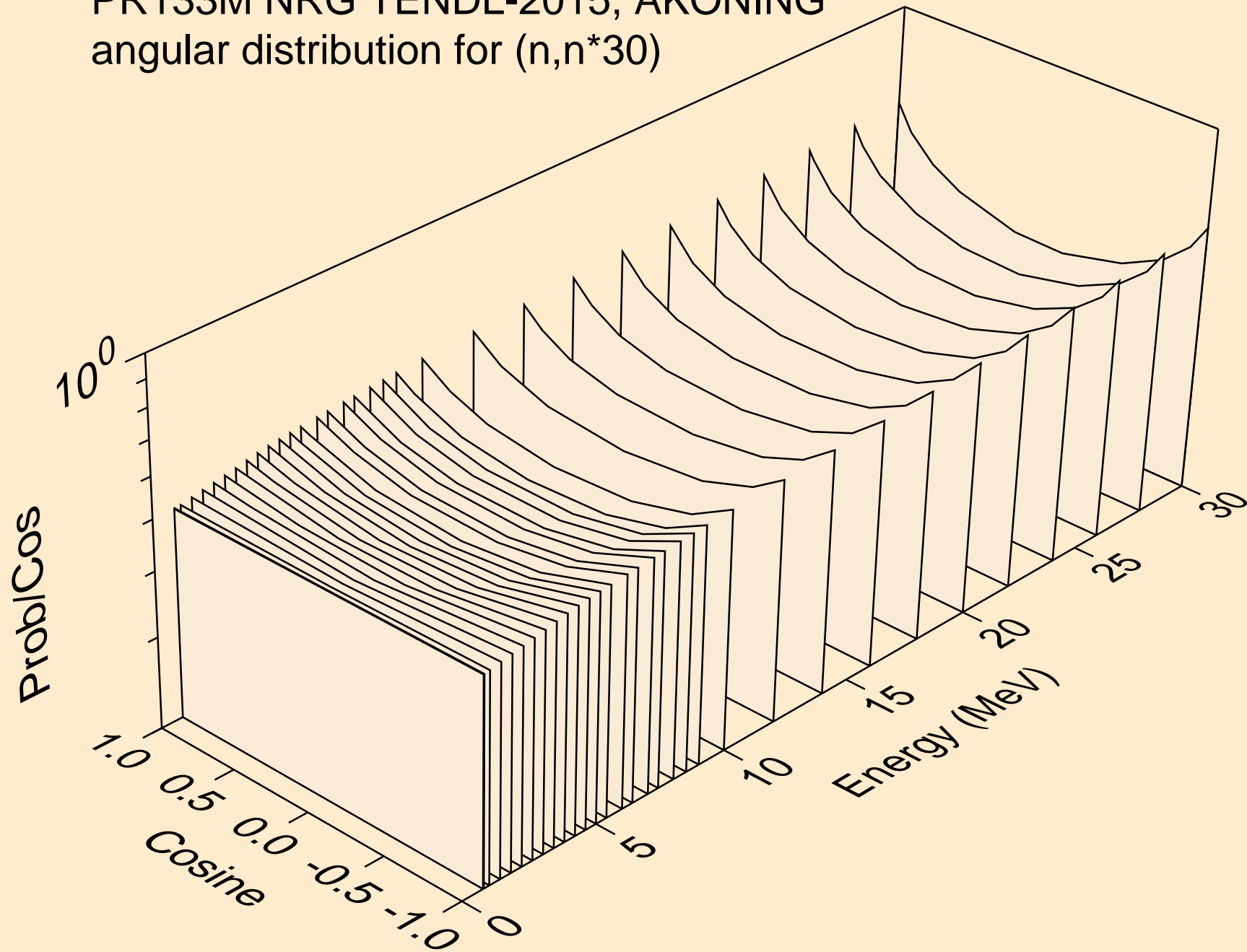
PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

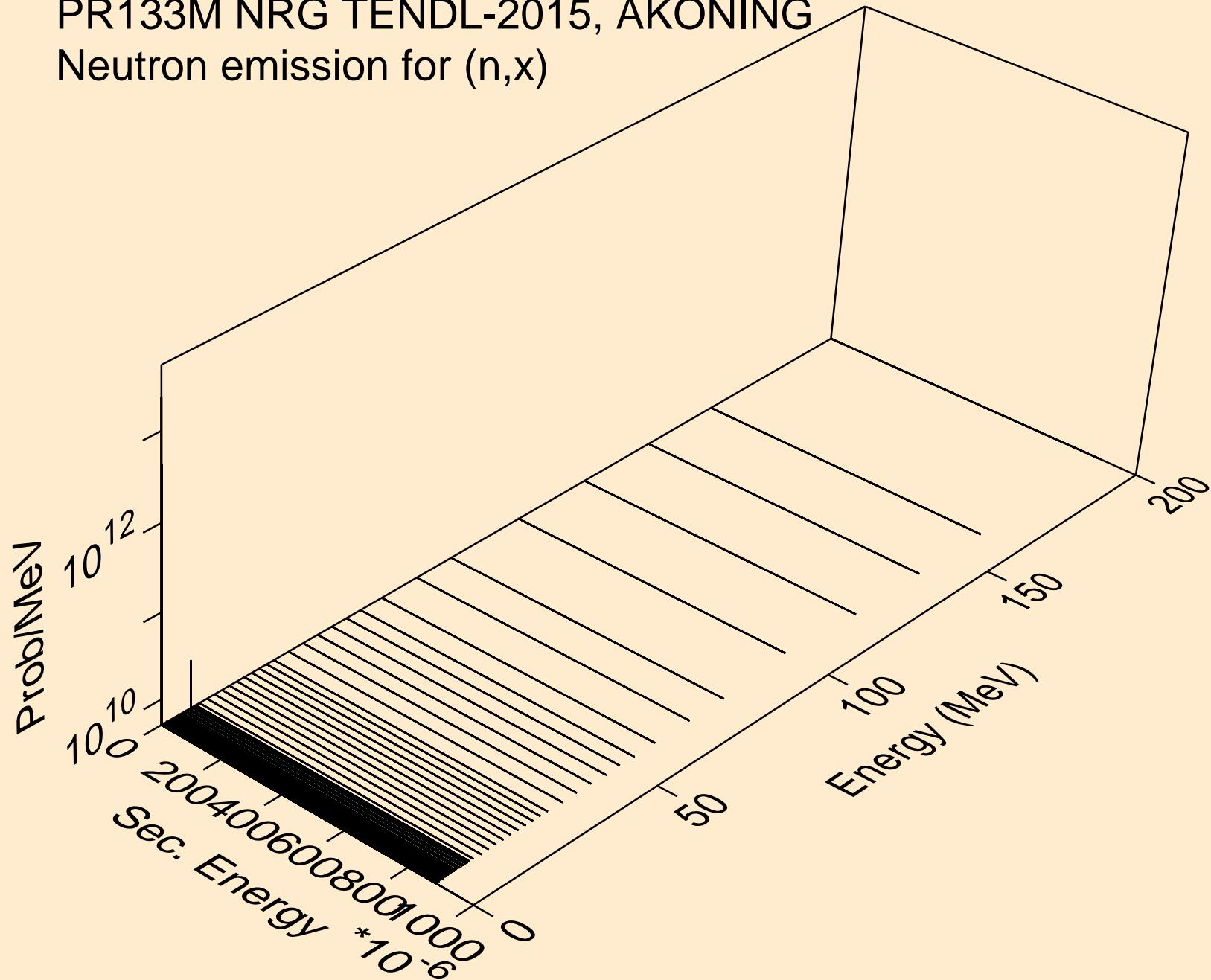


PR133M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

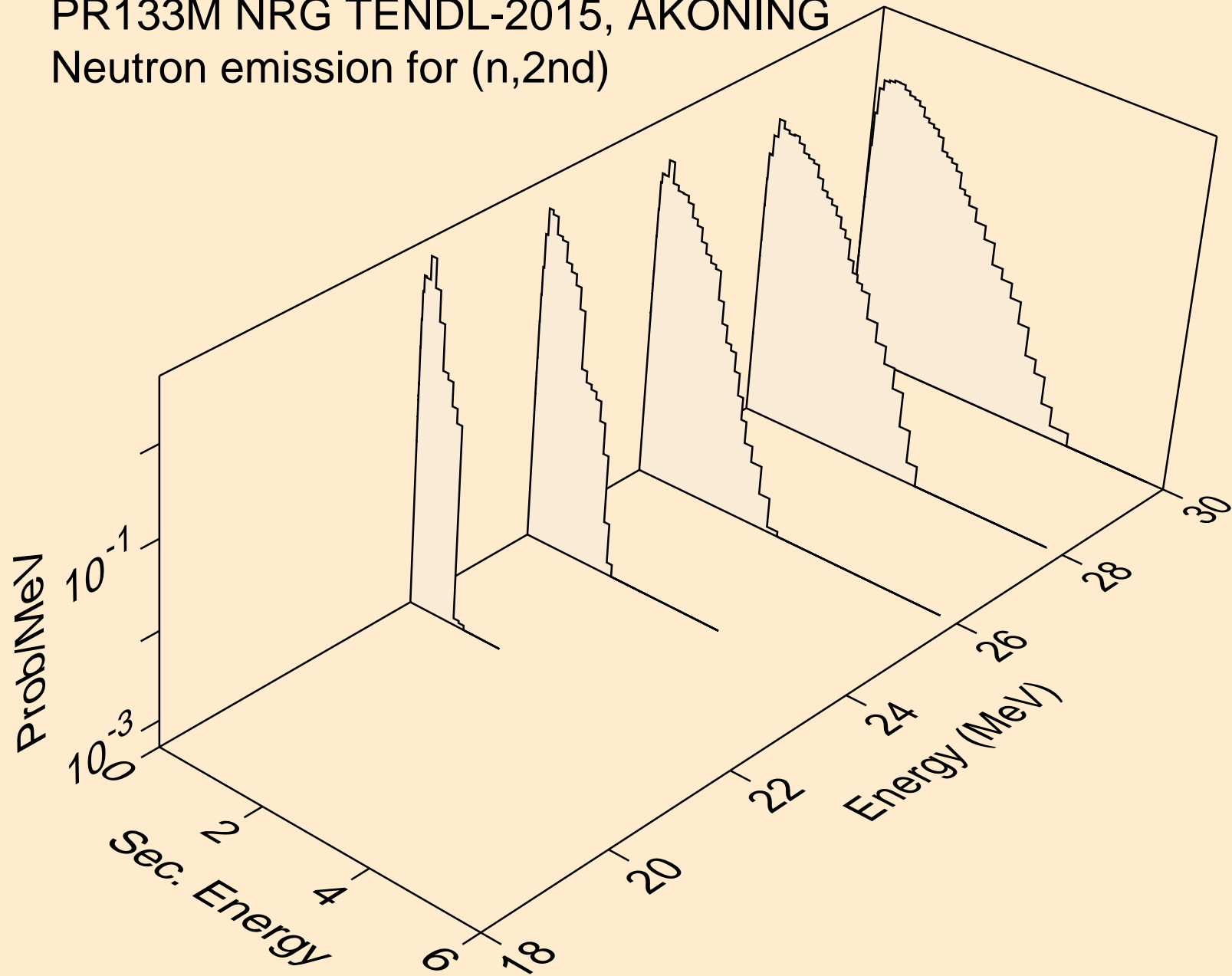




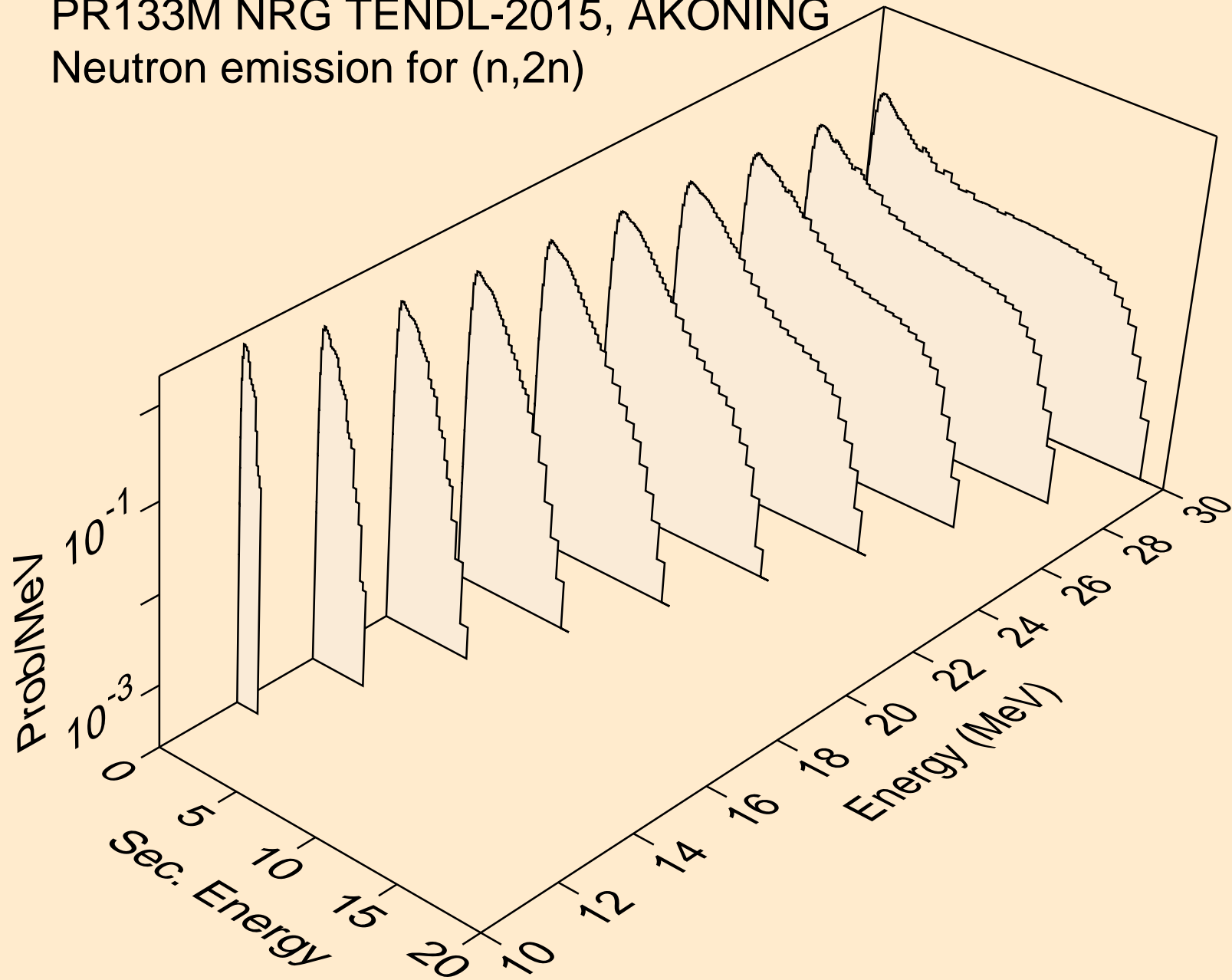
PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



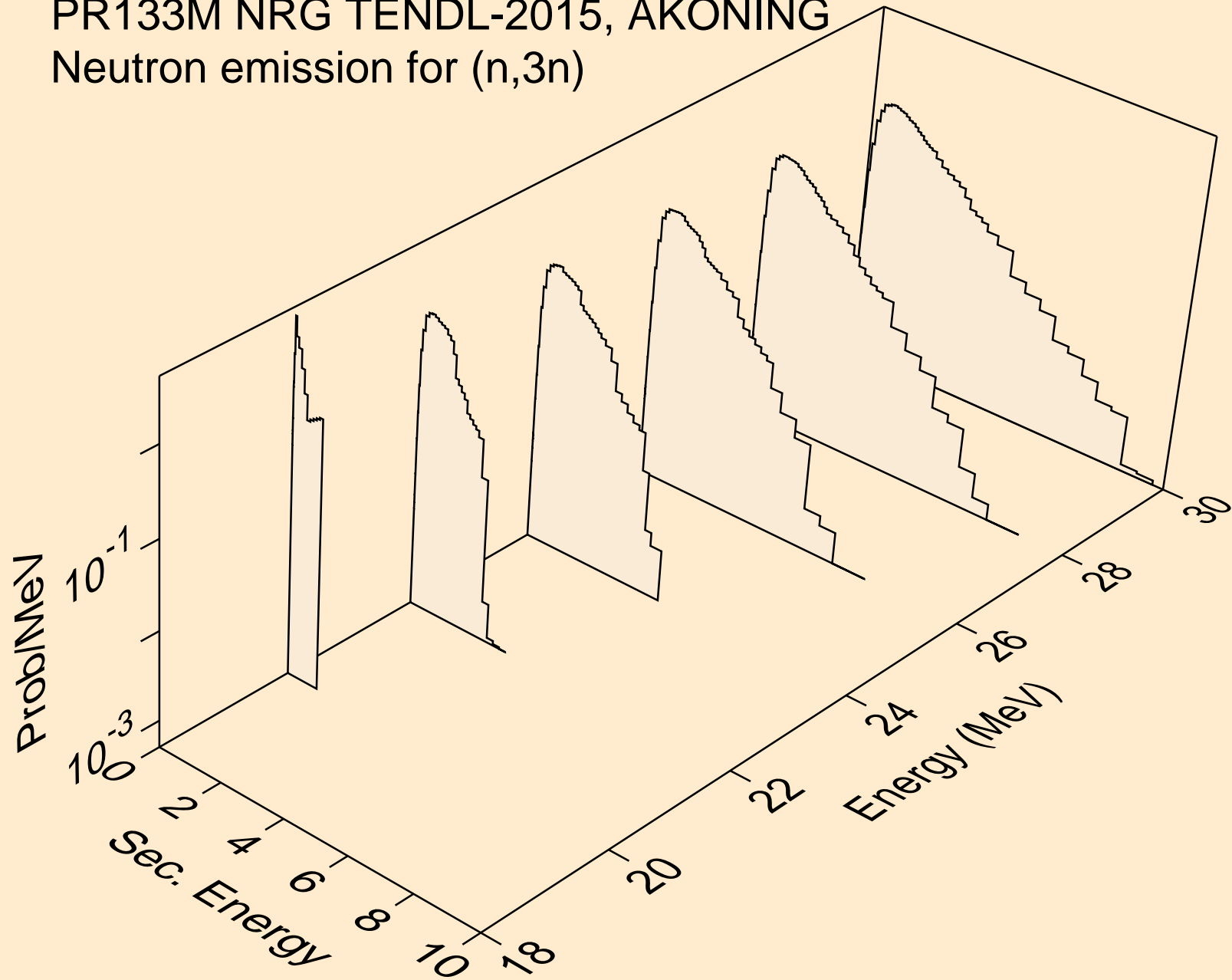
PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



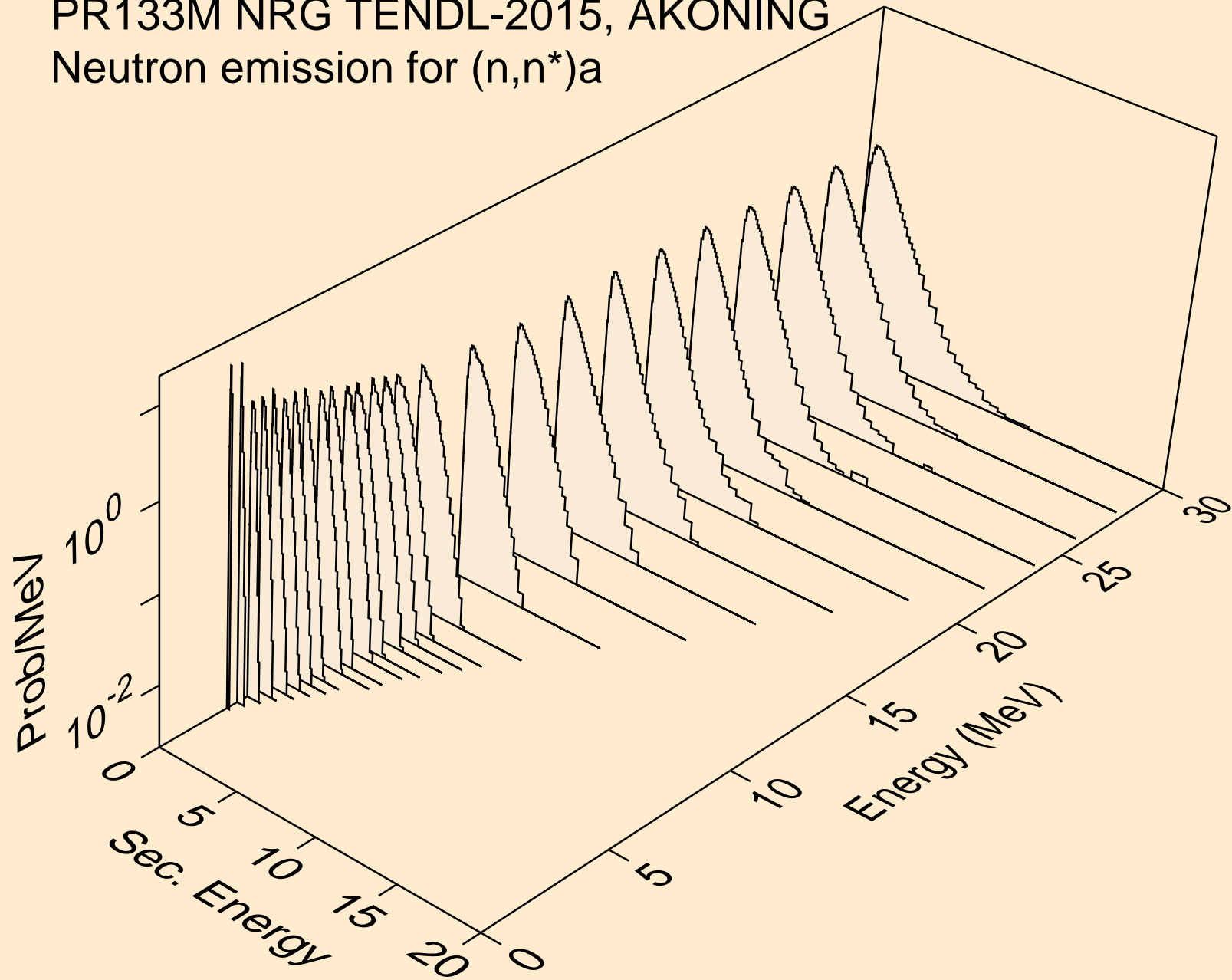
PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



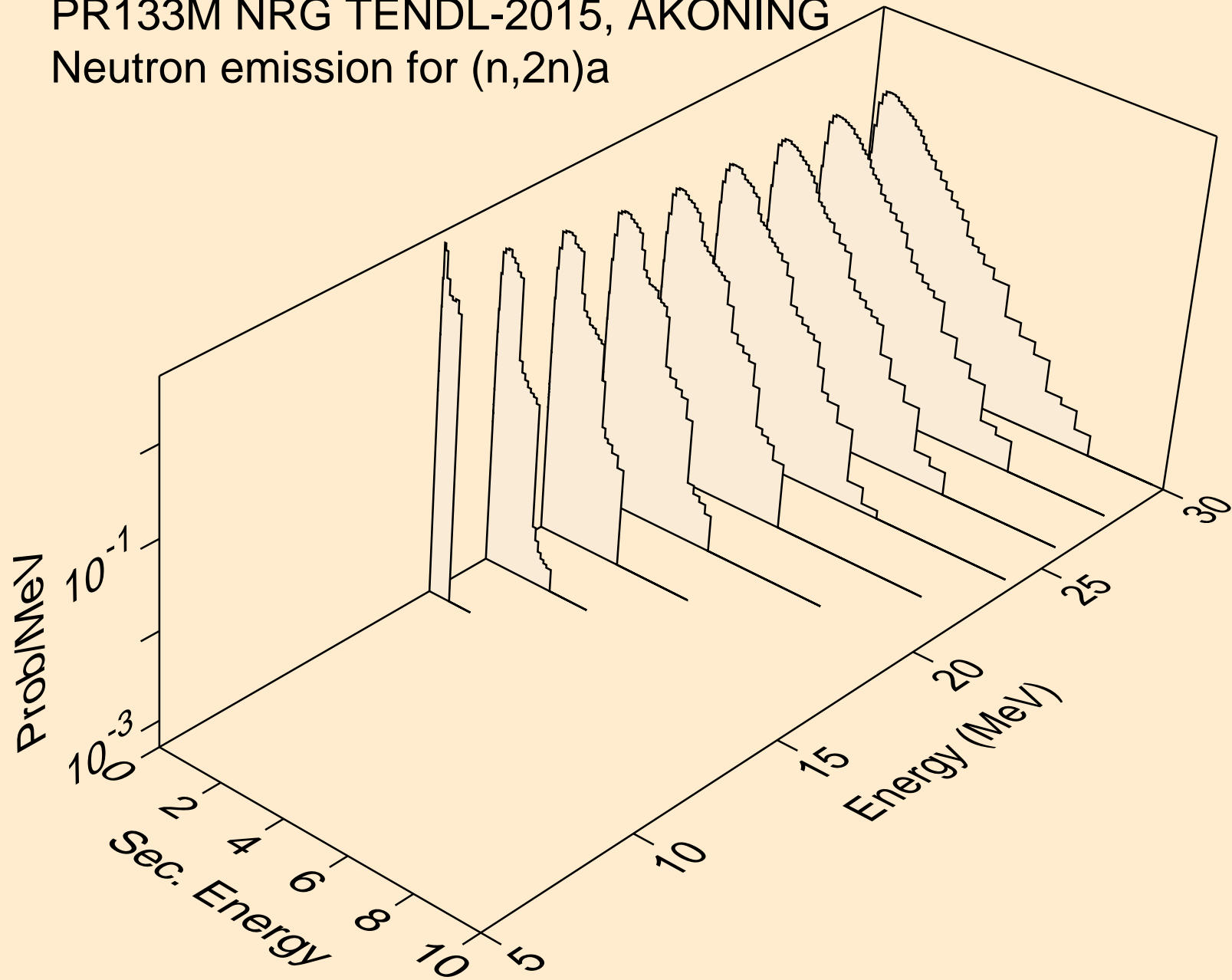
PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



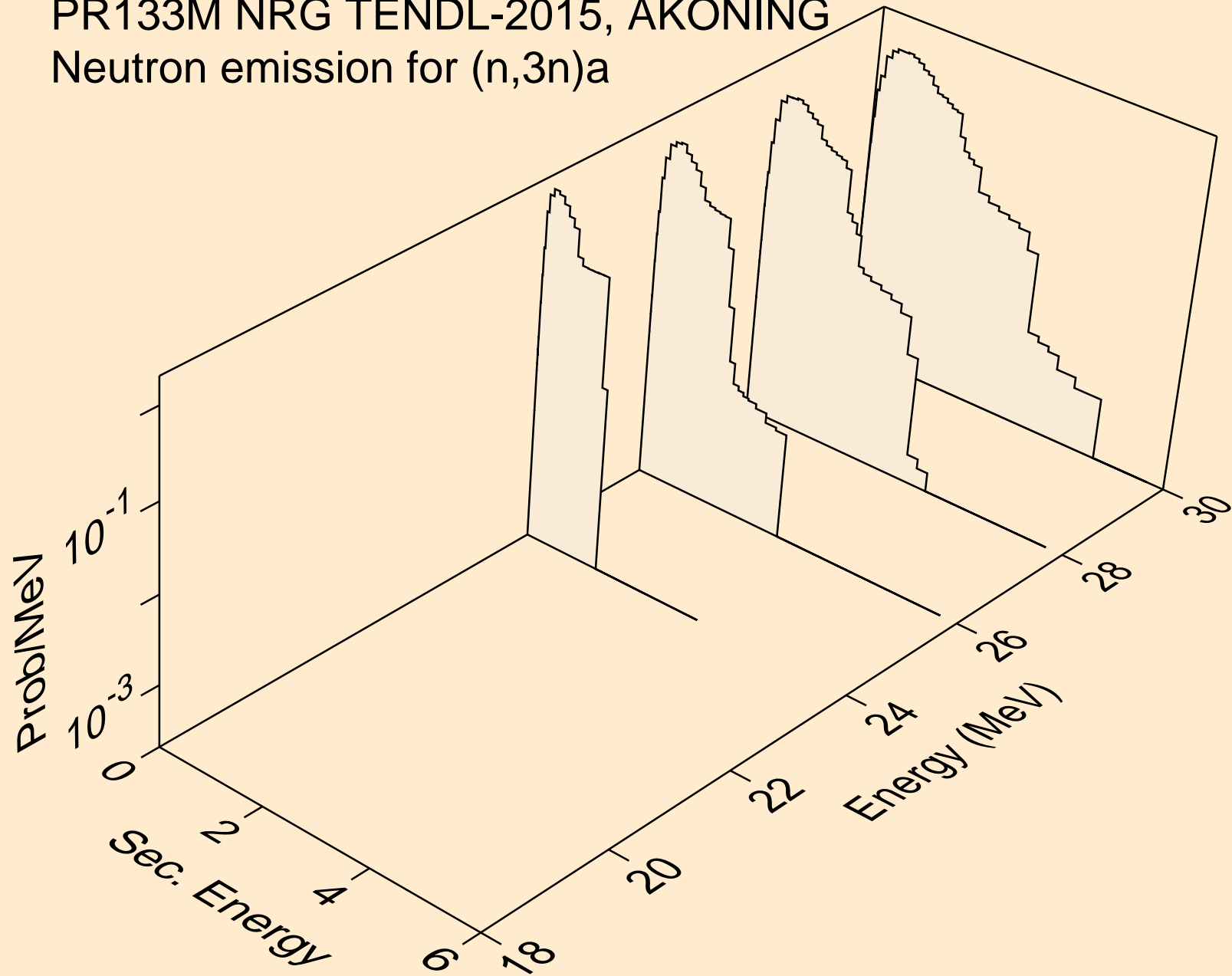
PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



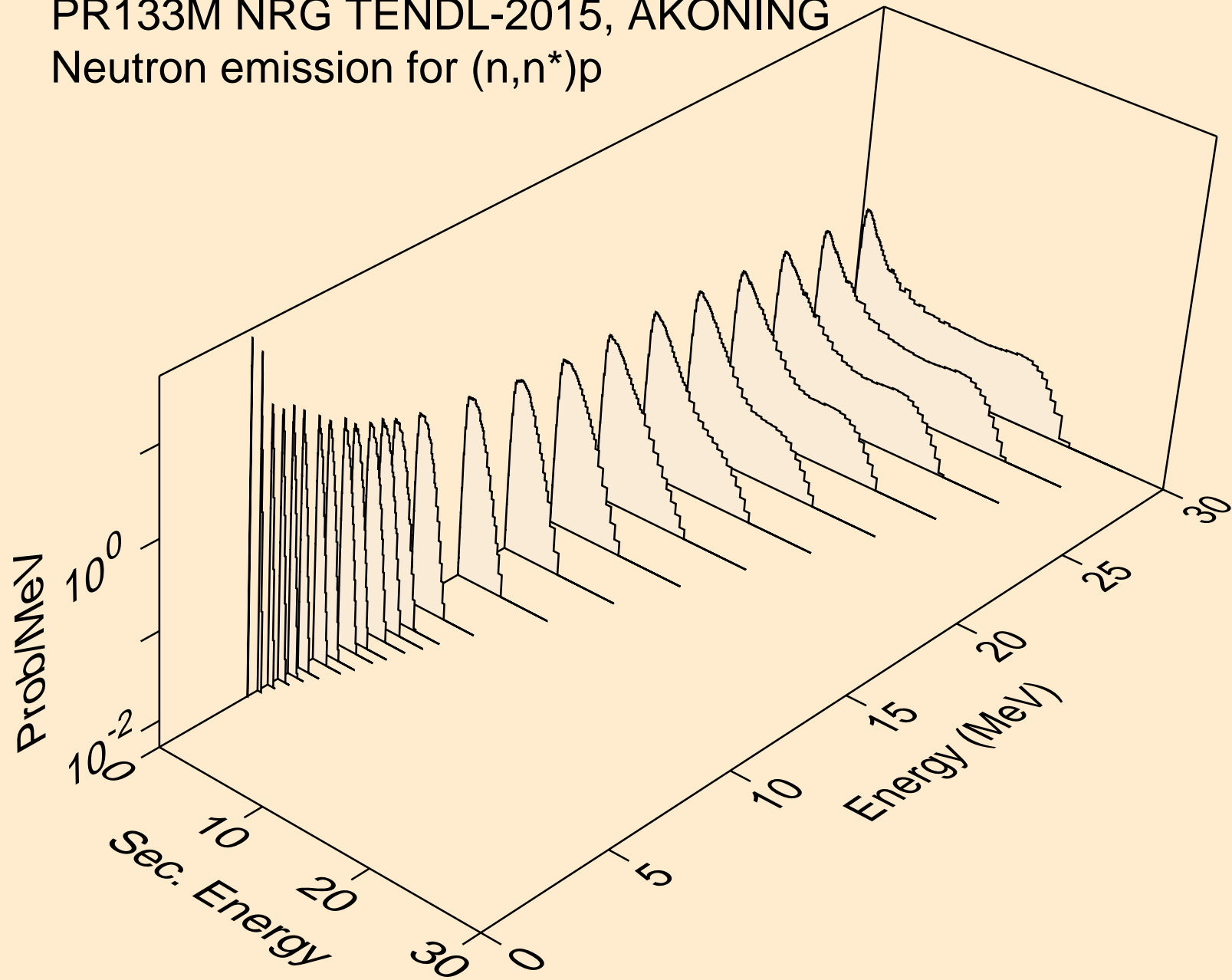
PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

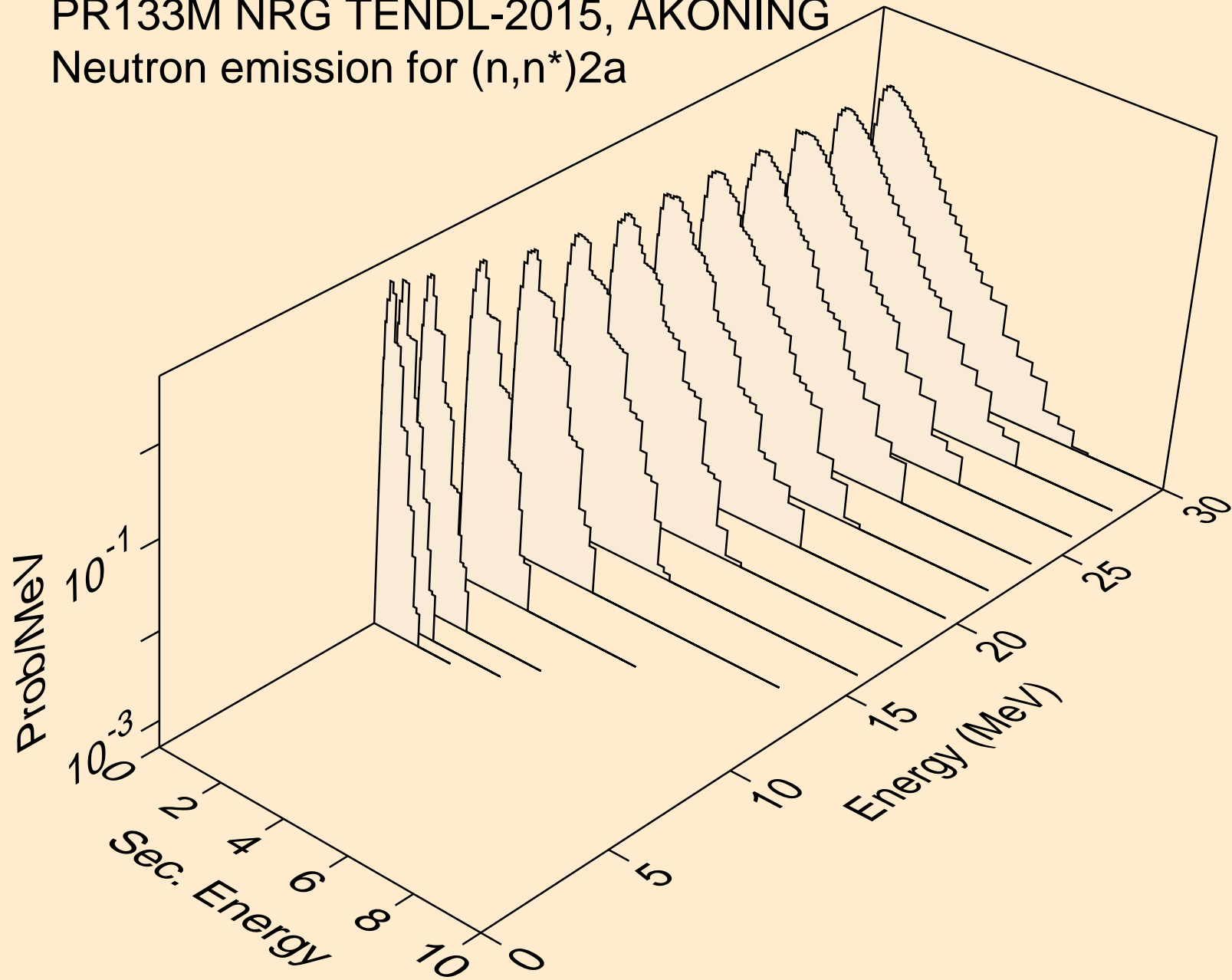


PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

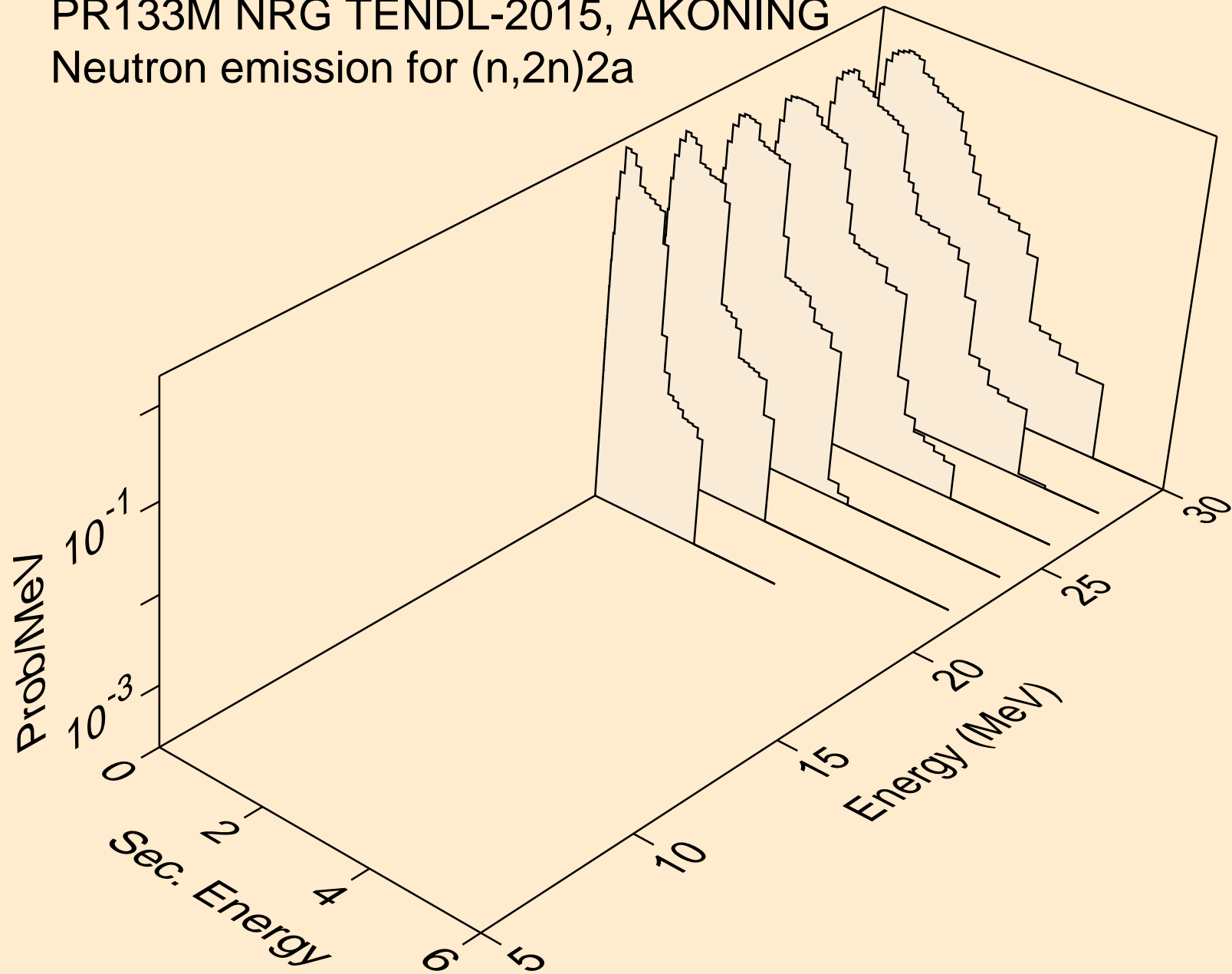




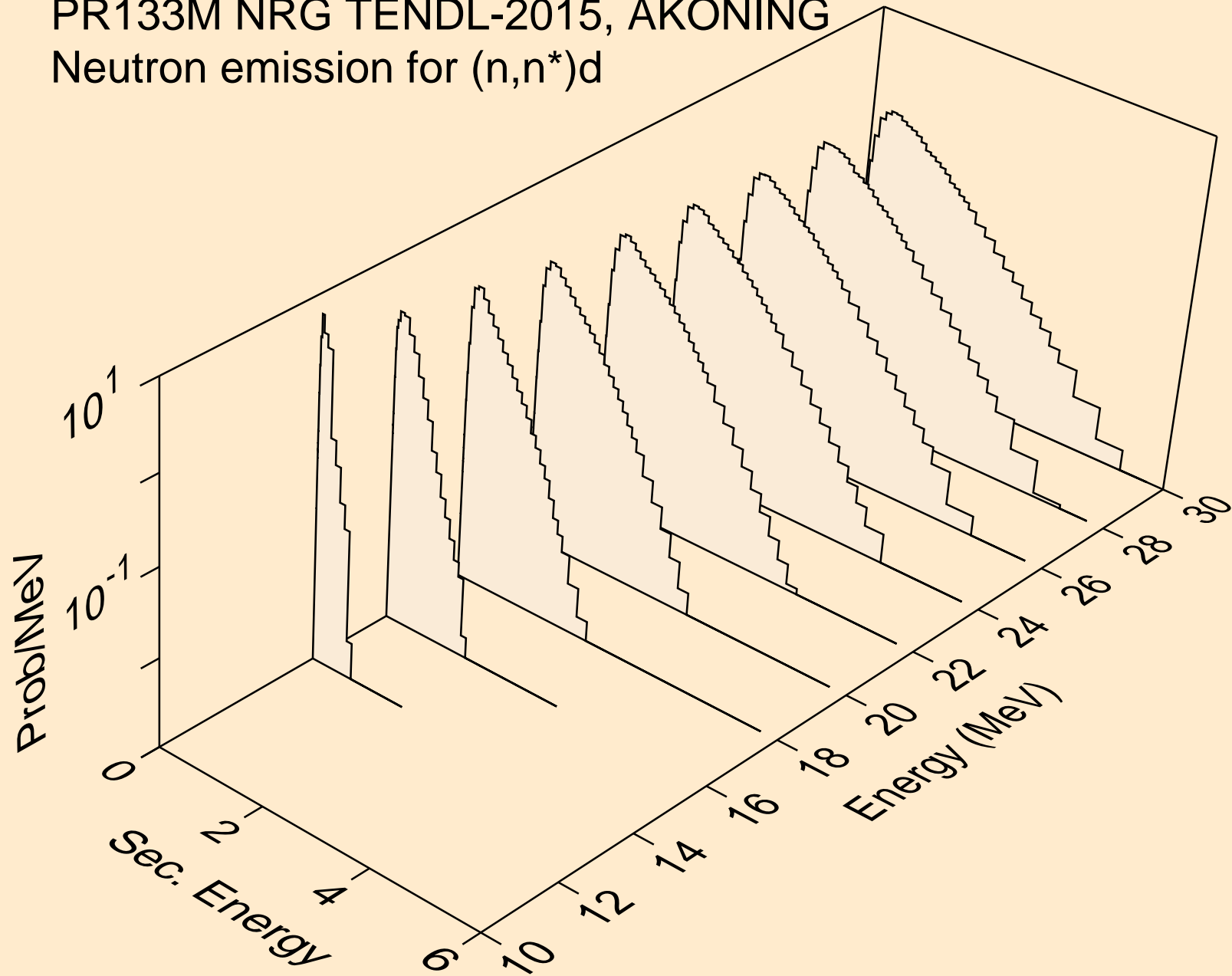
PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



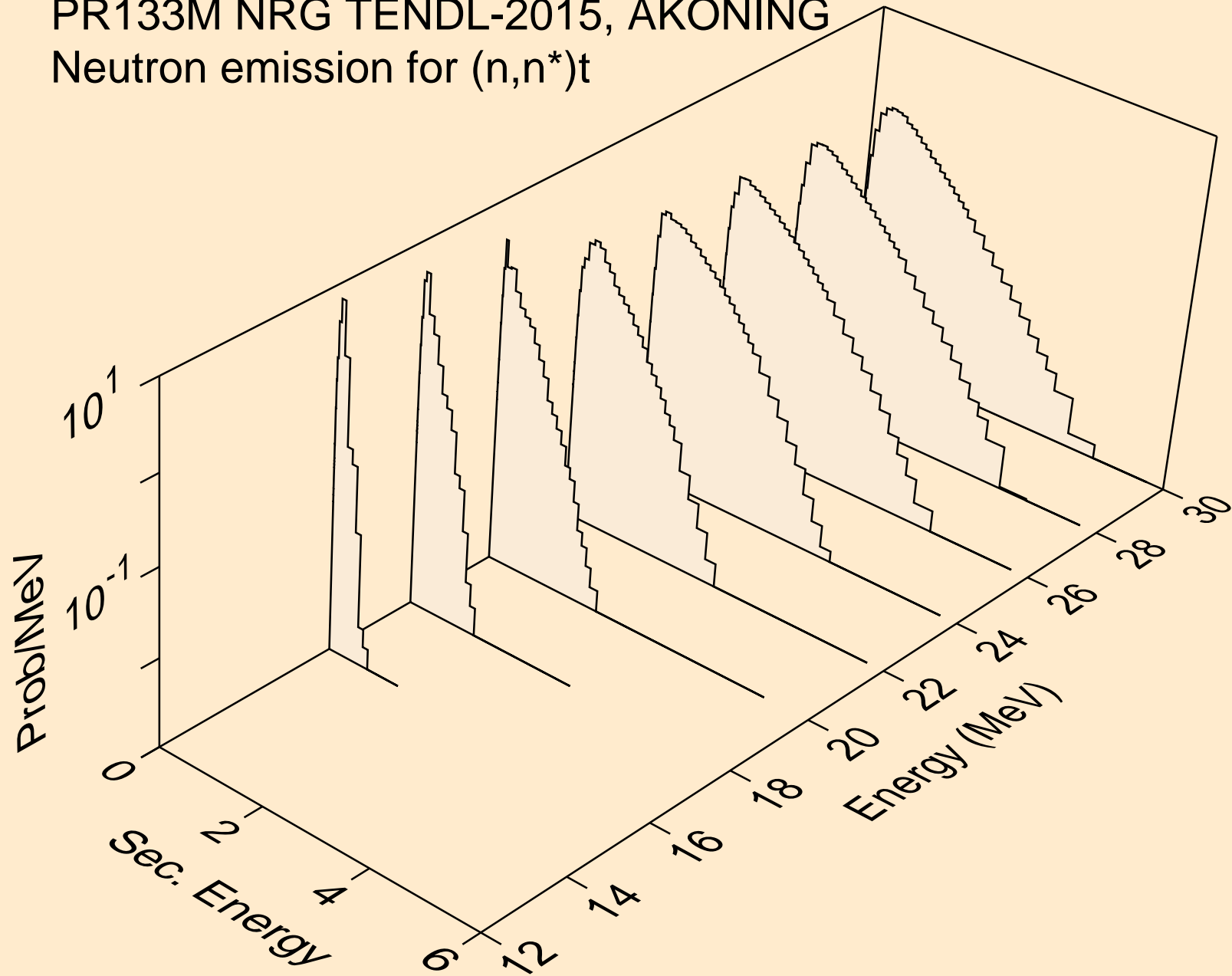
PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



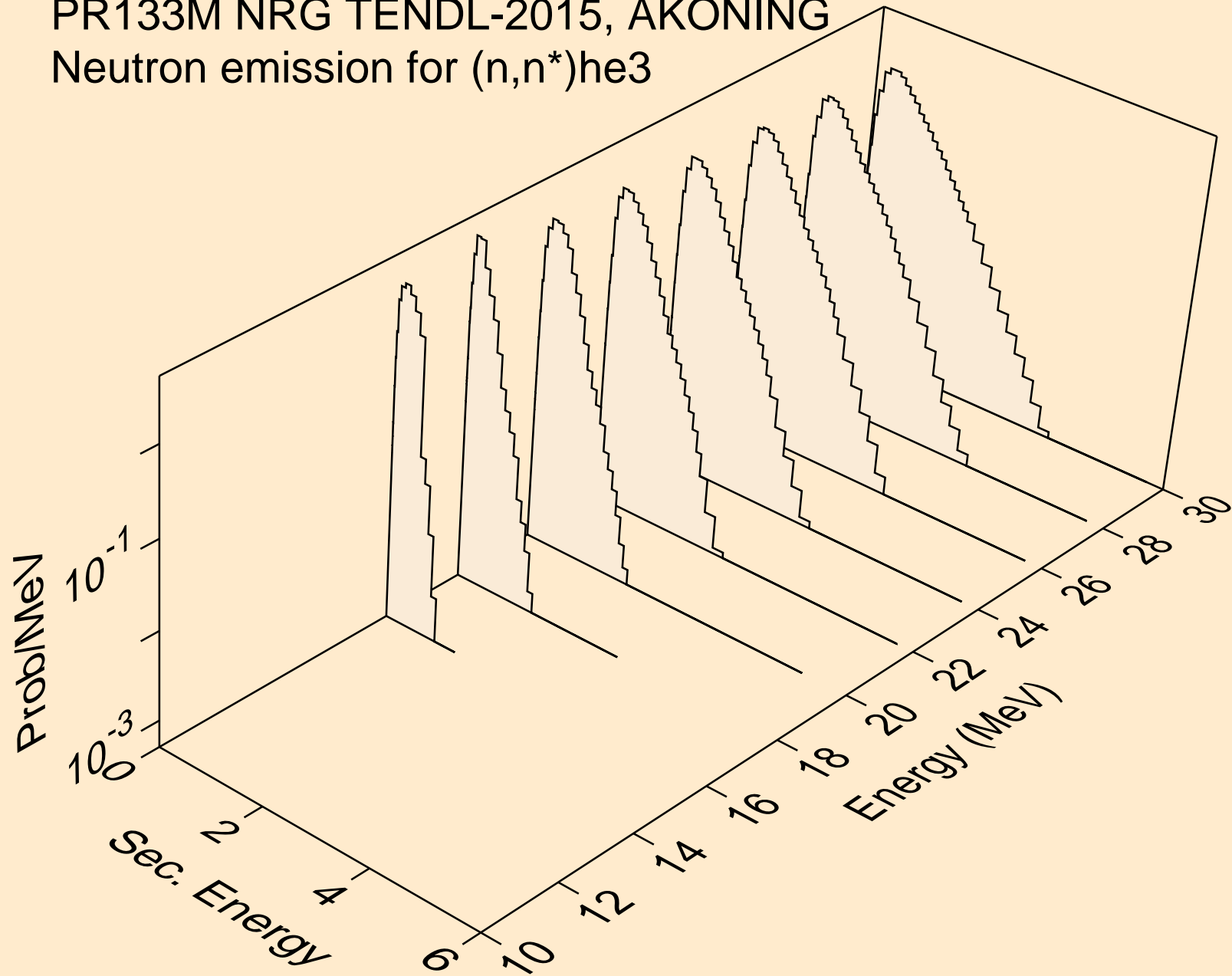
PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



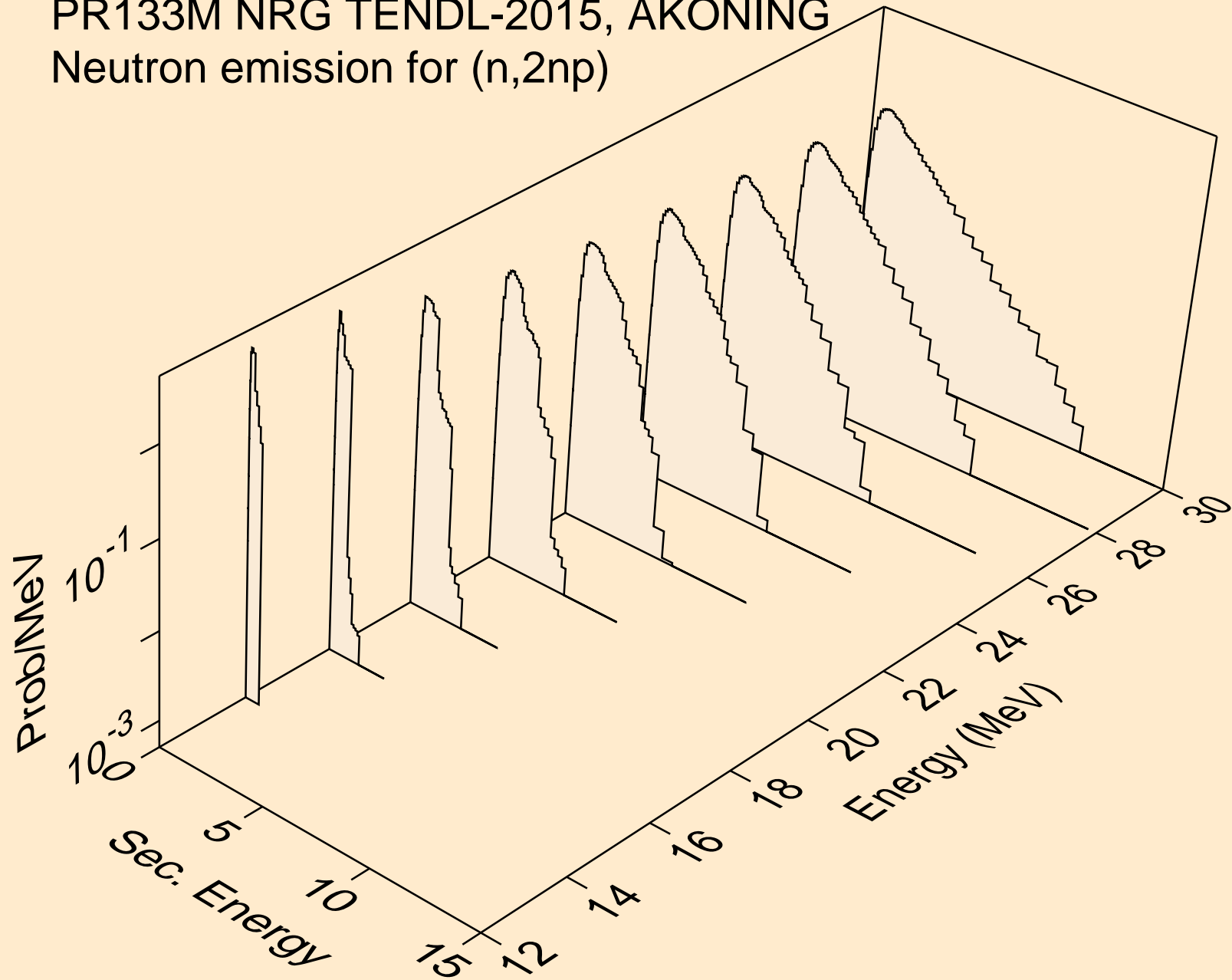
PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



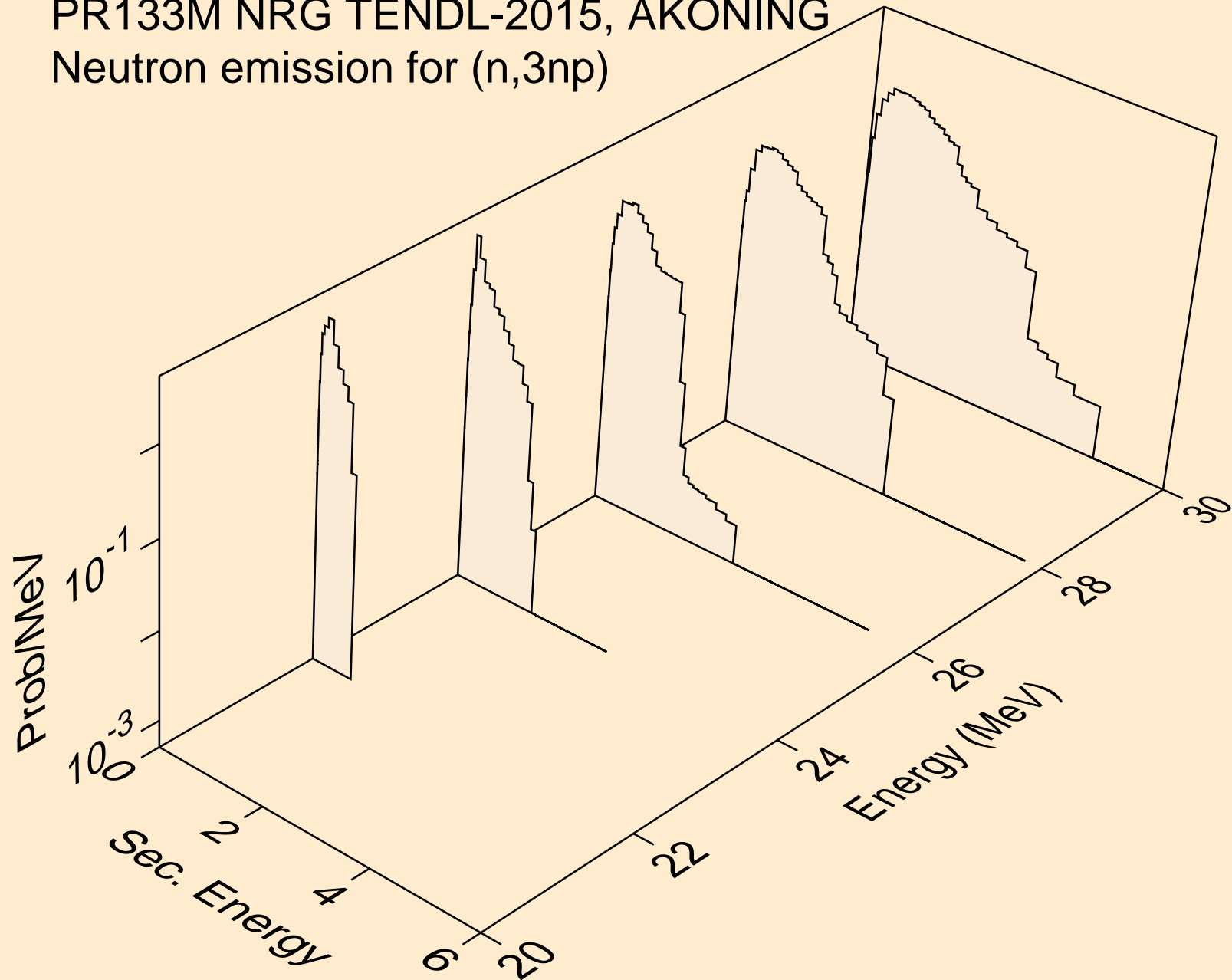
PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



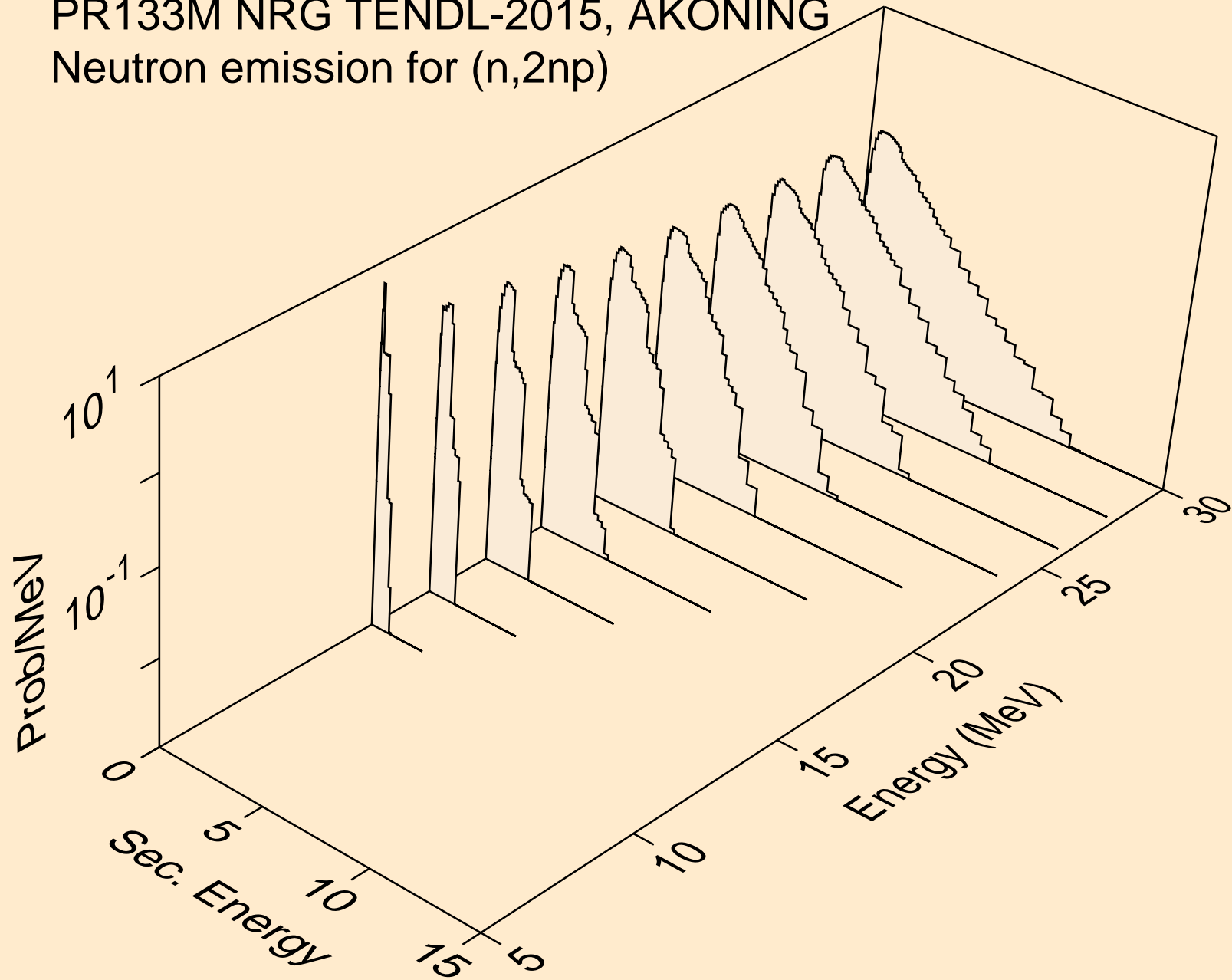
PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

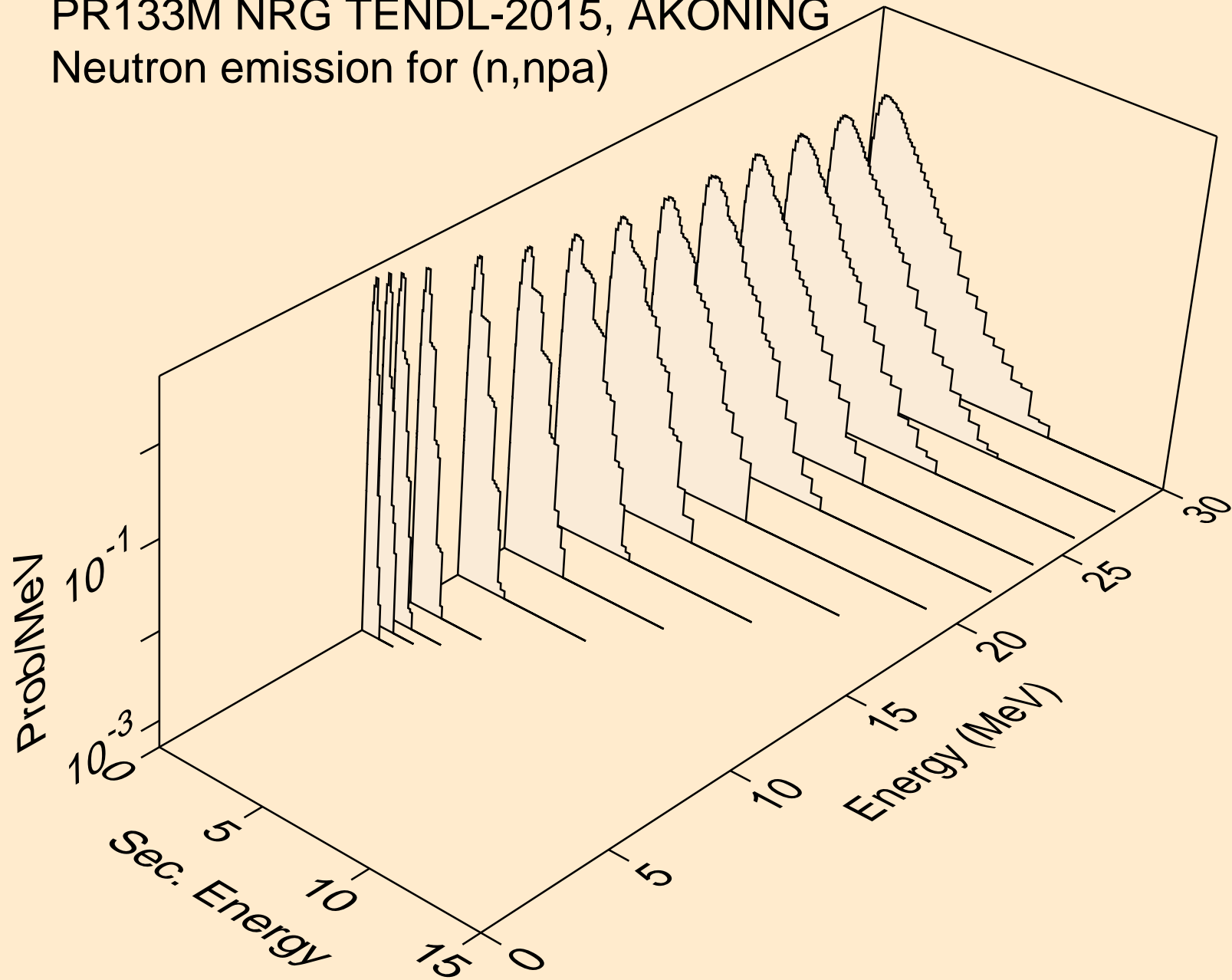


PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

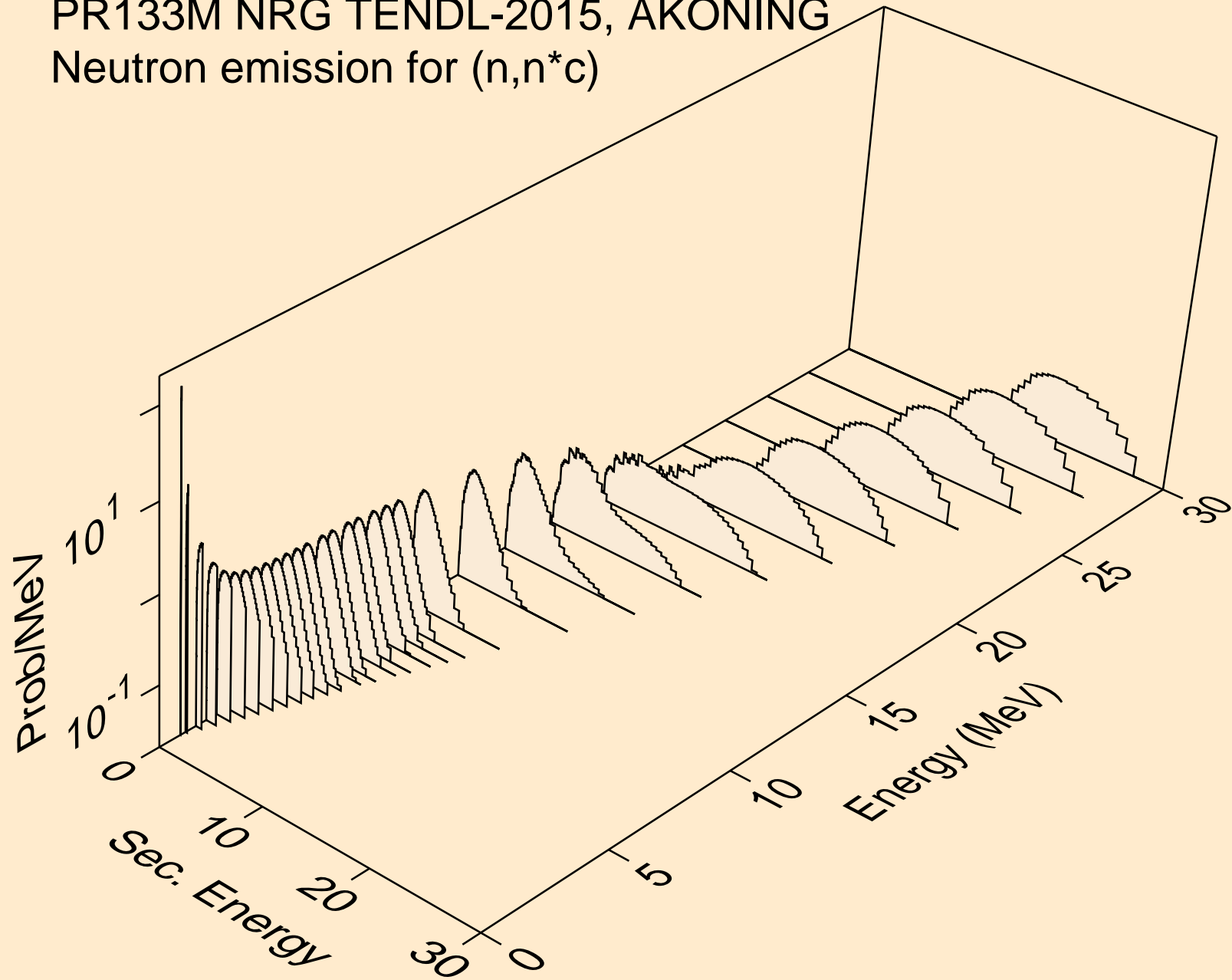




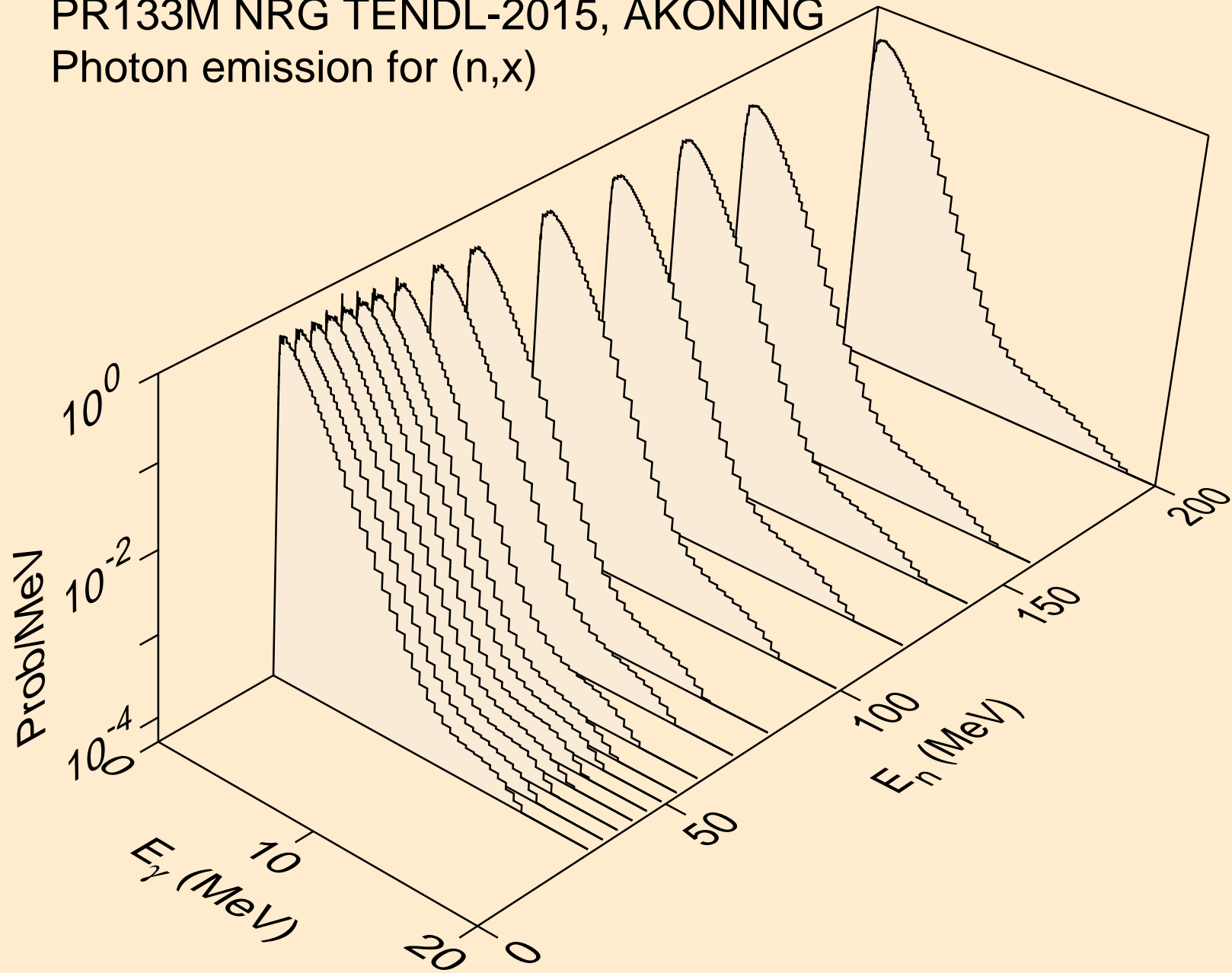
PR133M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



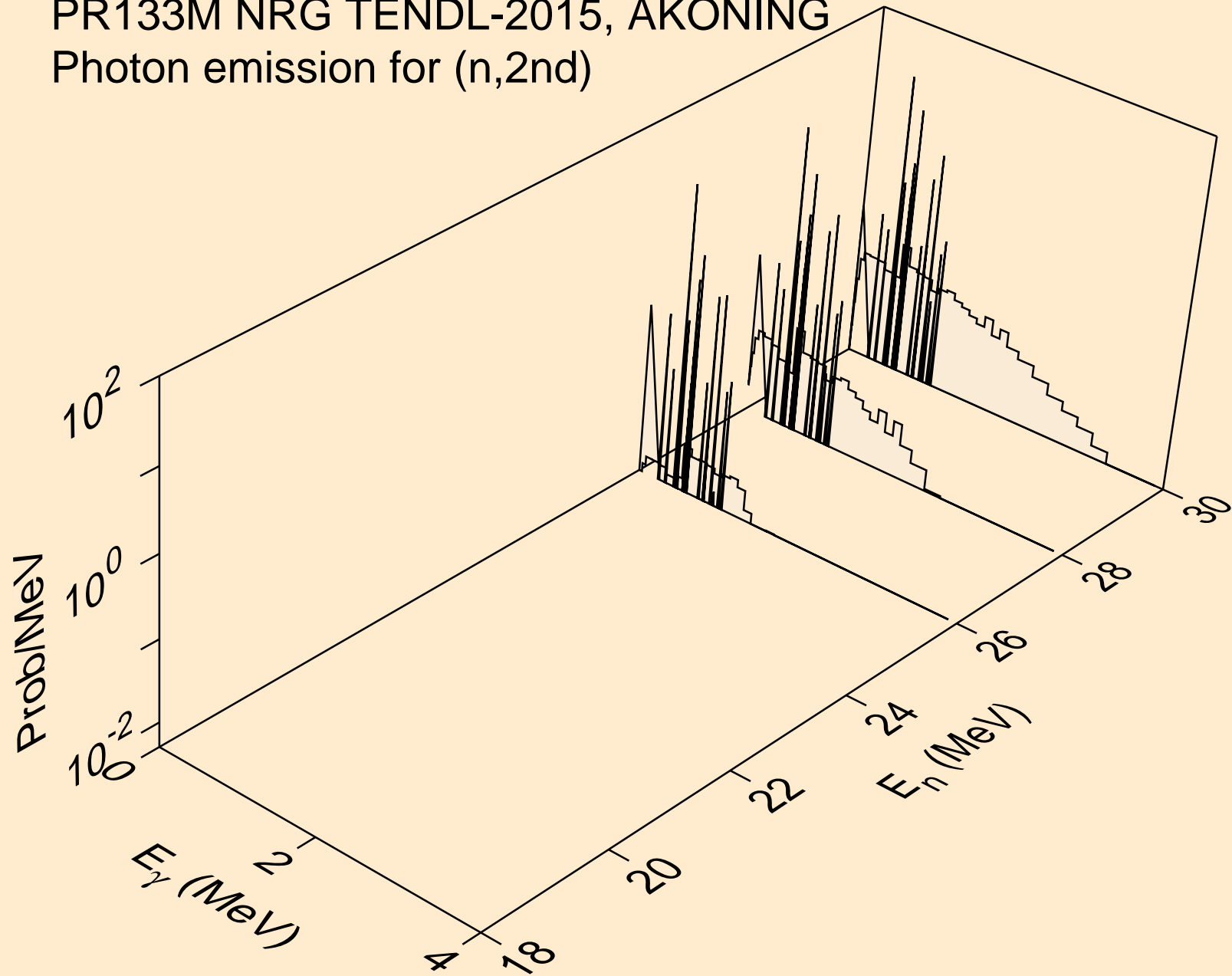
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Neutron emission for (n,n\*c)



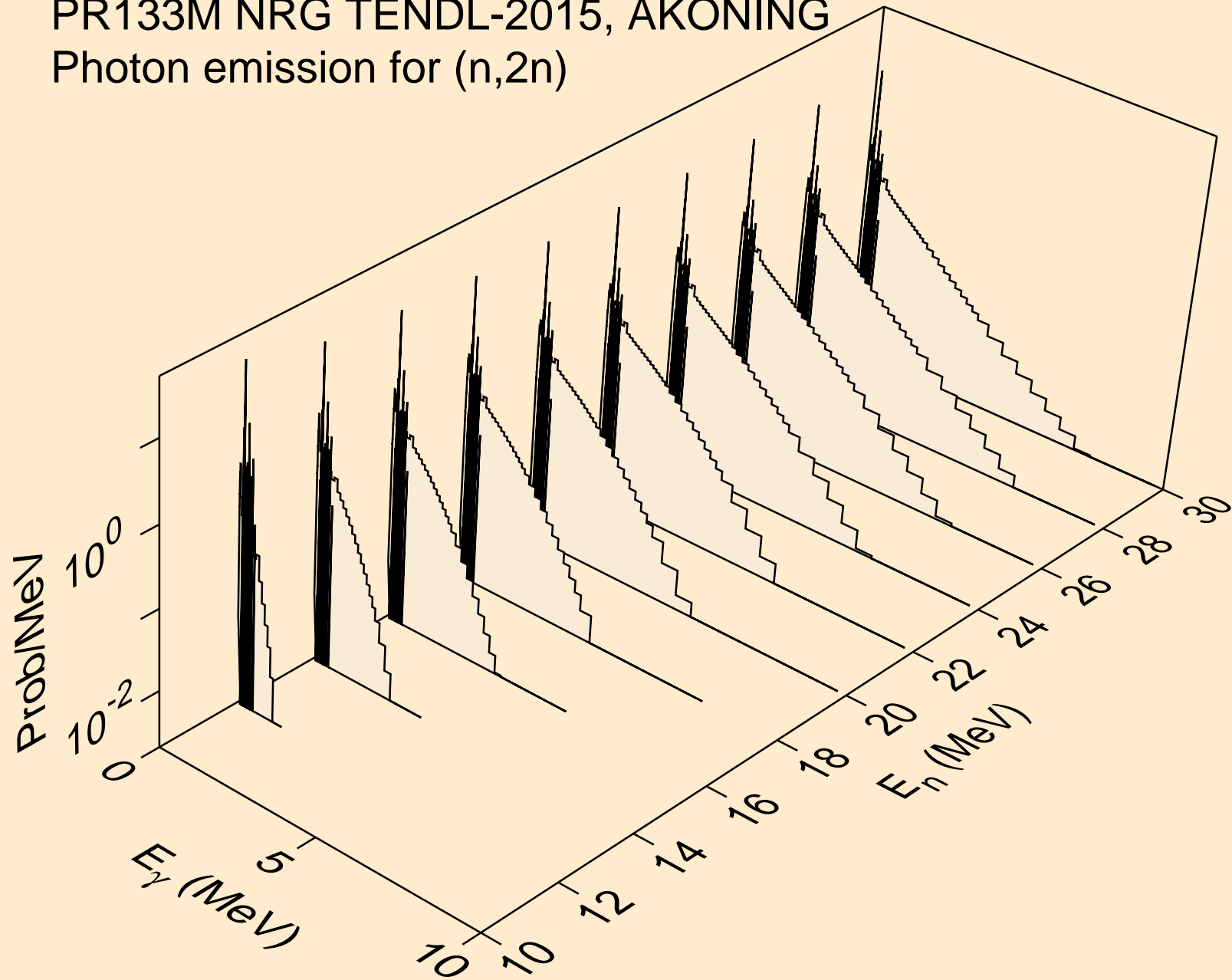
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Photon emission for (n,x)



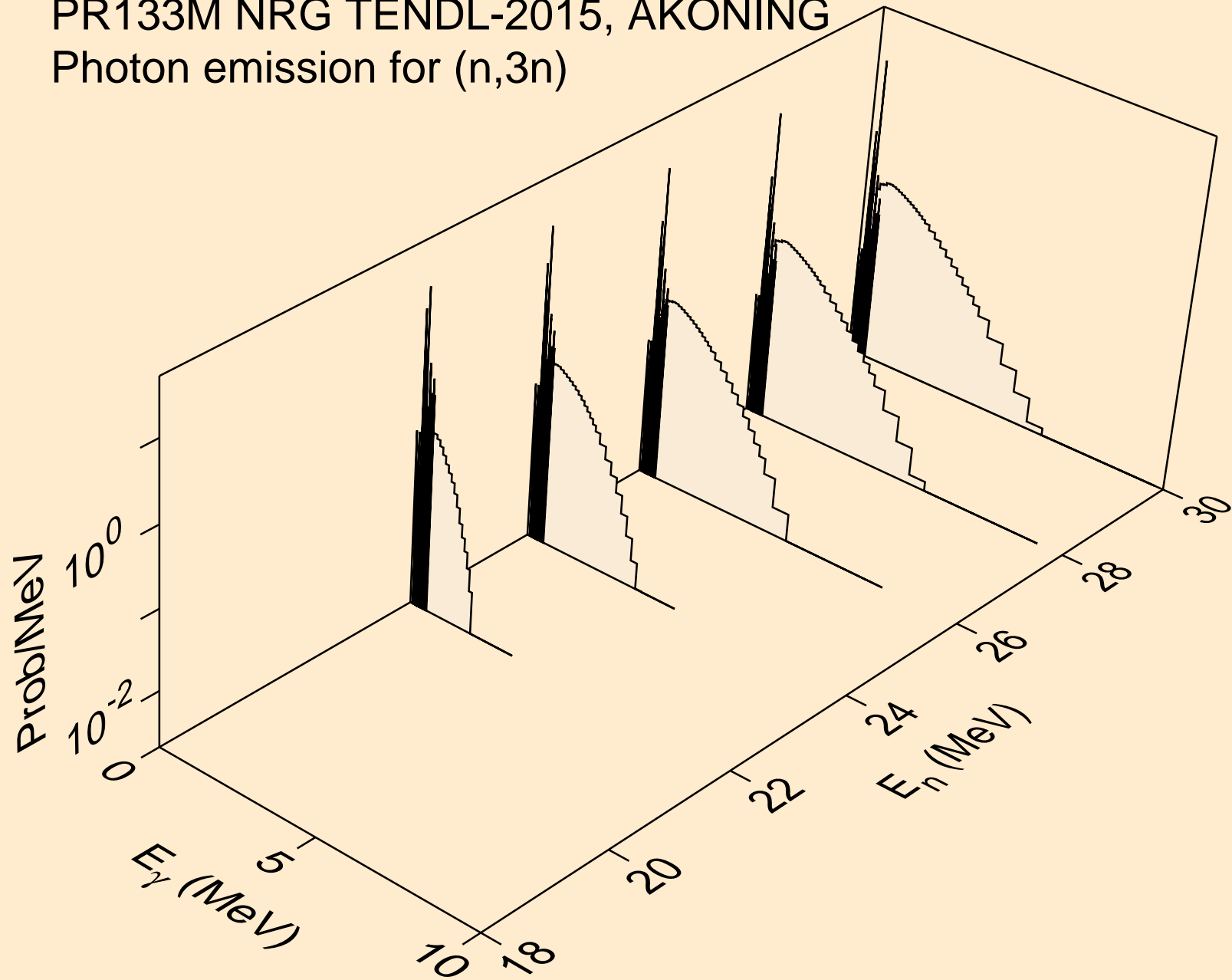
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Photon emission for (n,2nd)



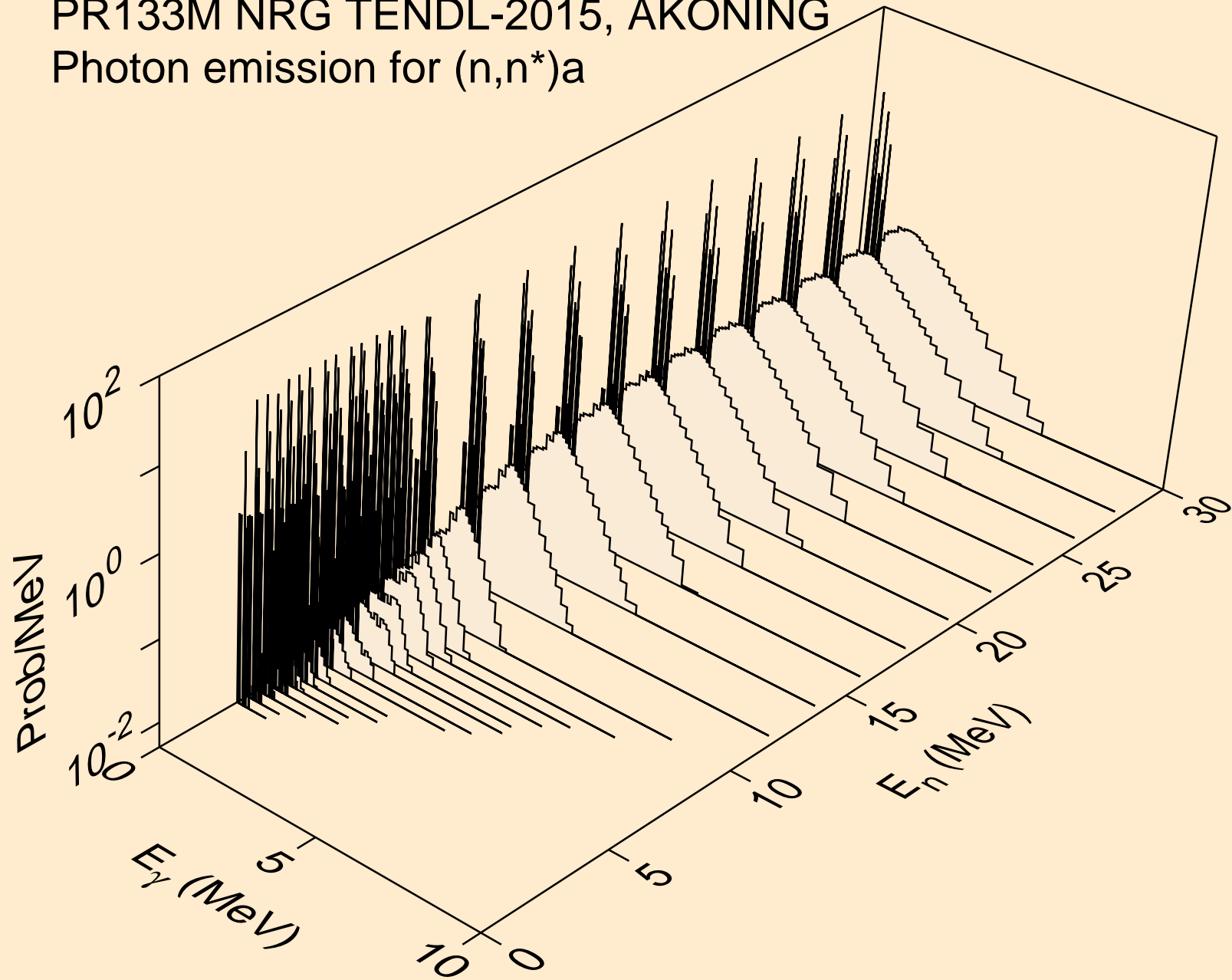
PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



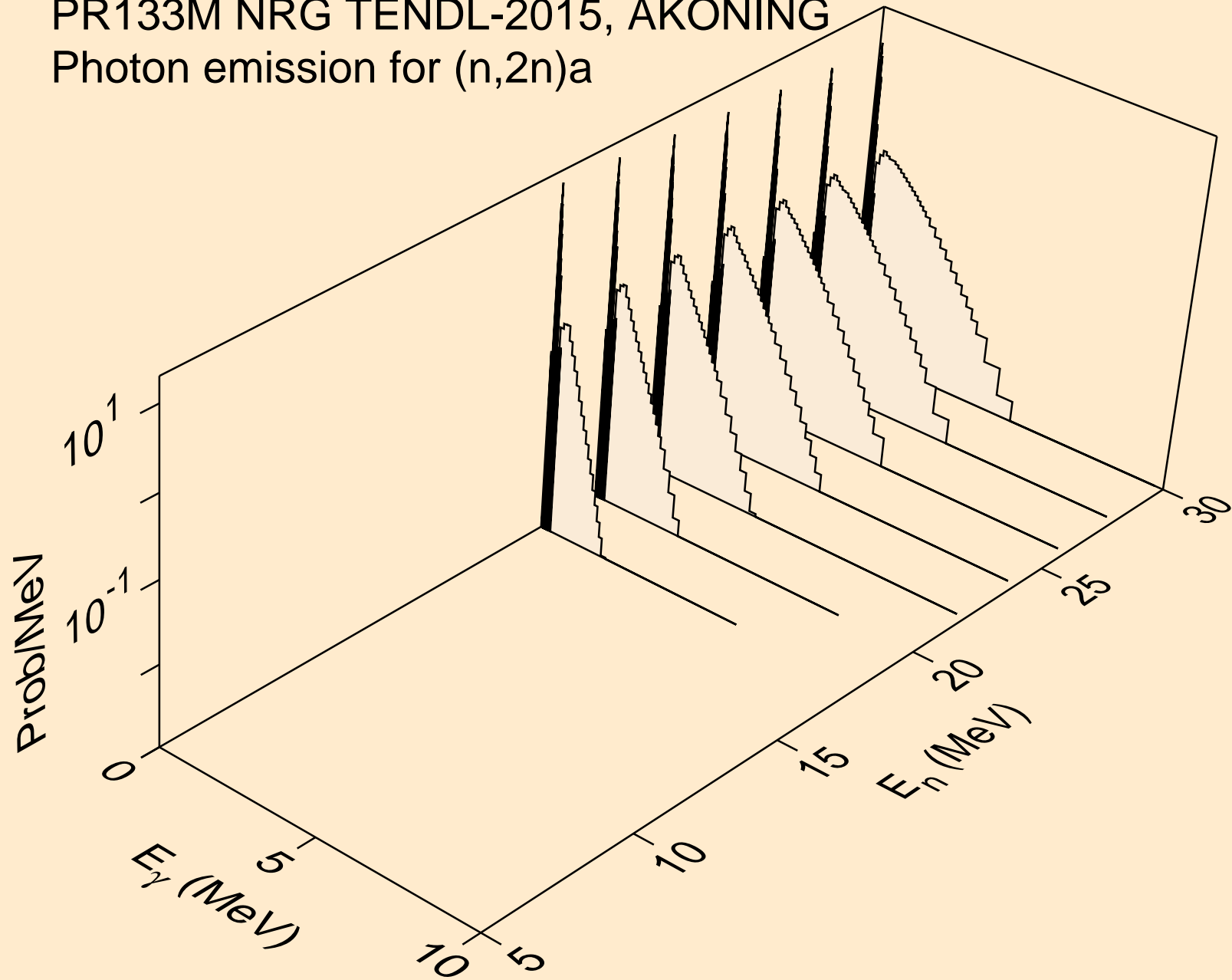
PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

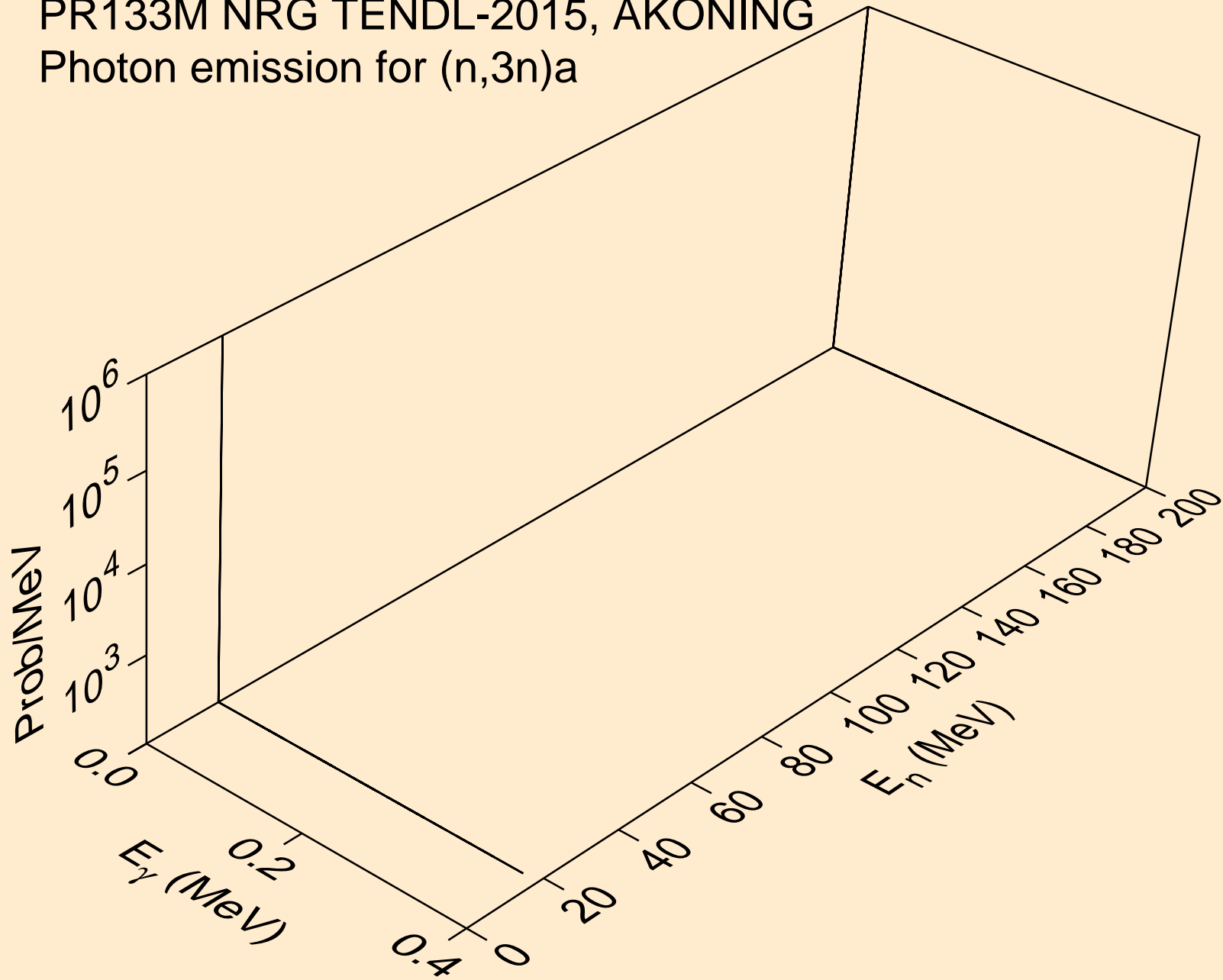


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Photon emission for (n,2n)a

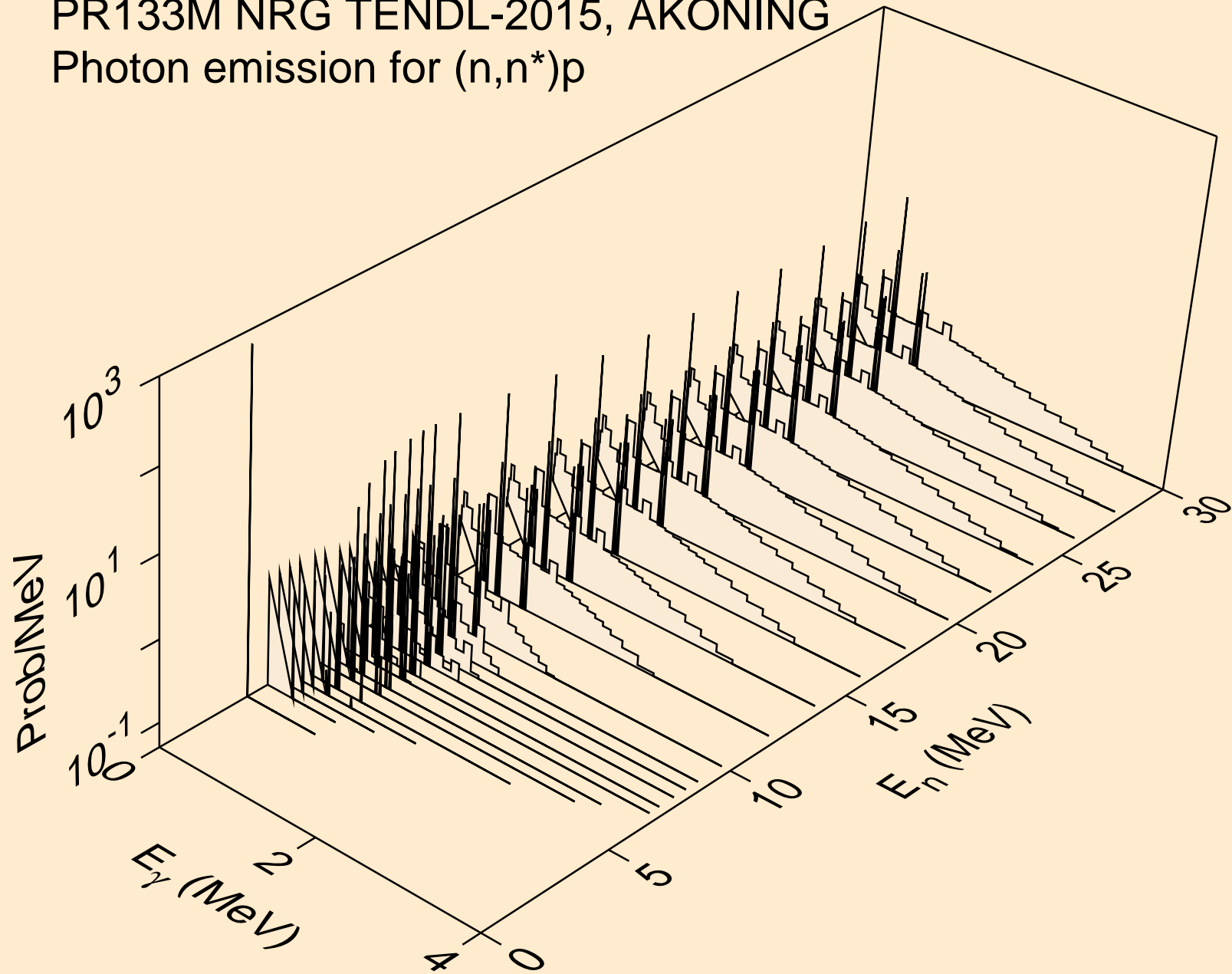




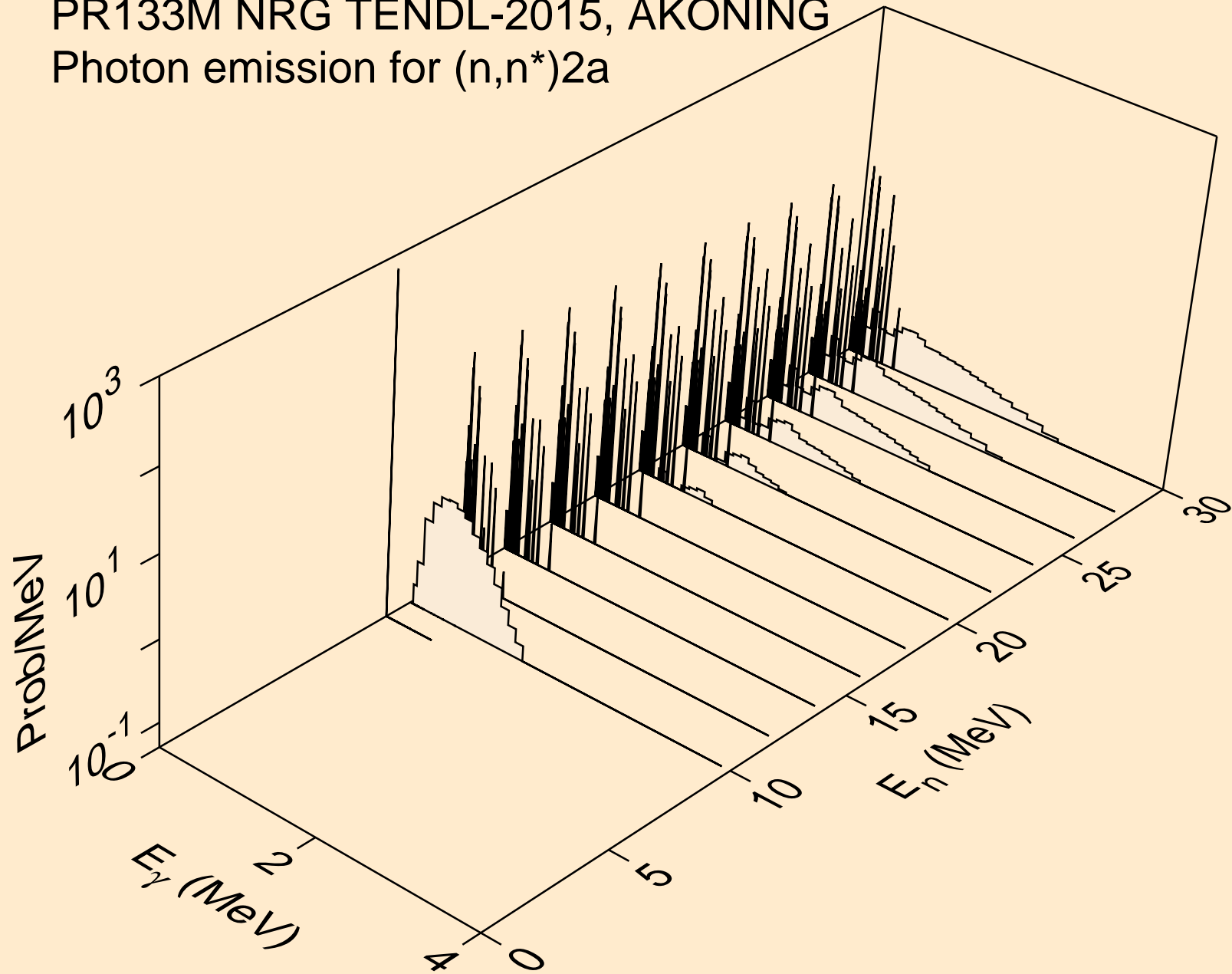
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Photon emission for (n,3n)a



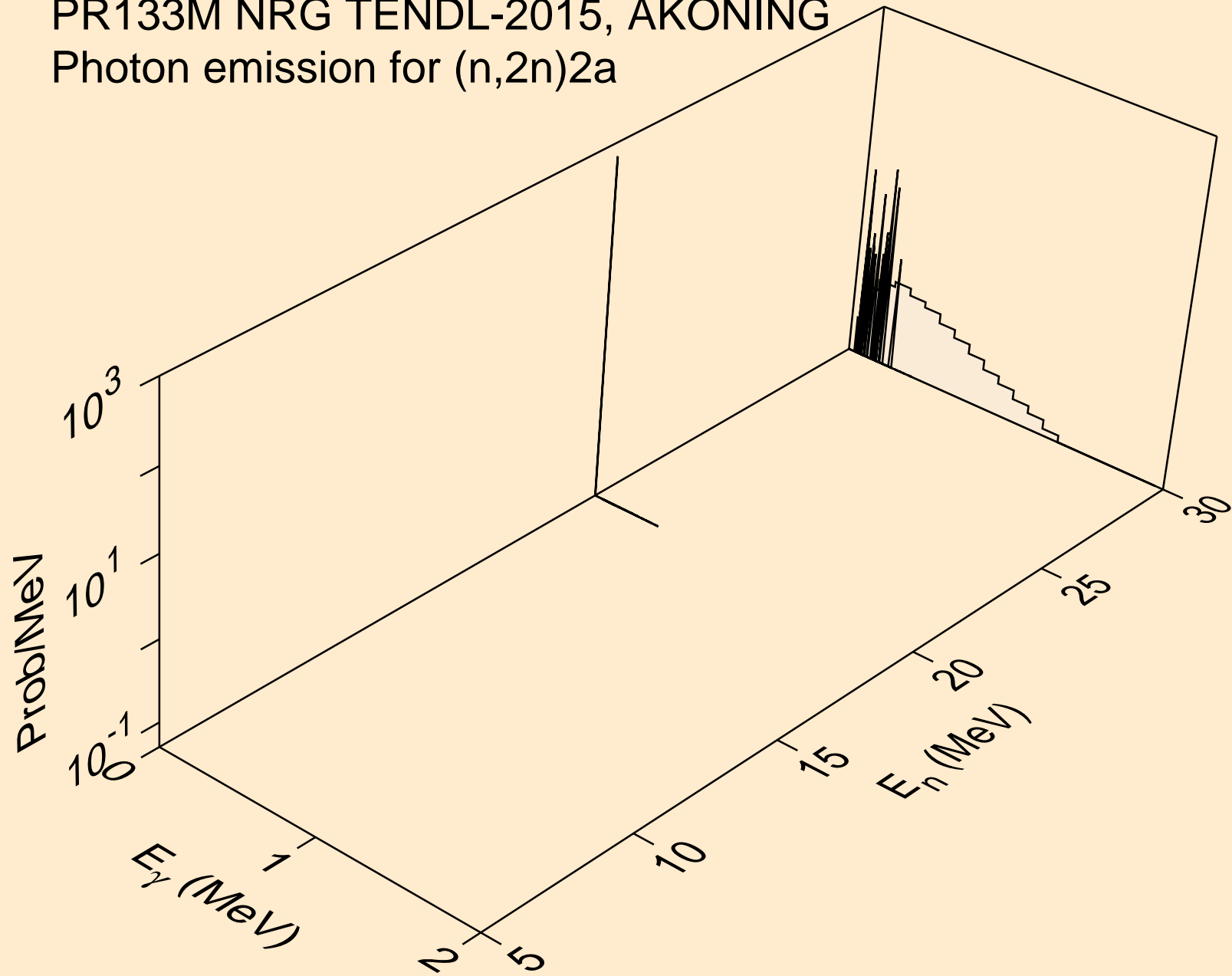
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Photon emission for (n,n\*)p



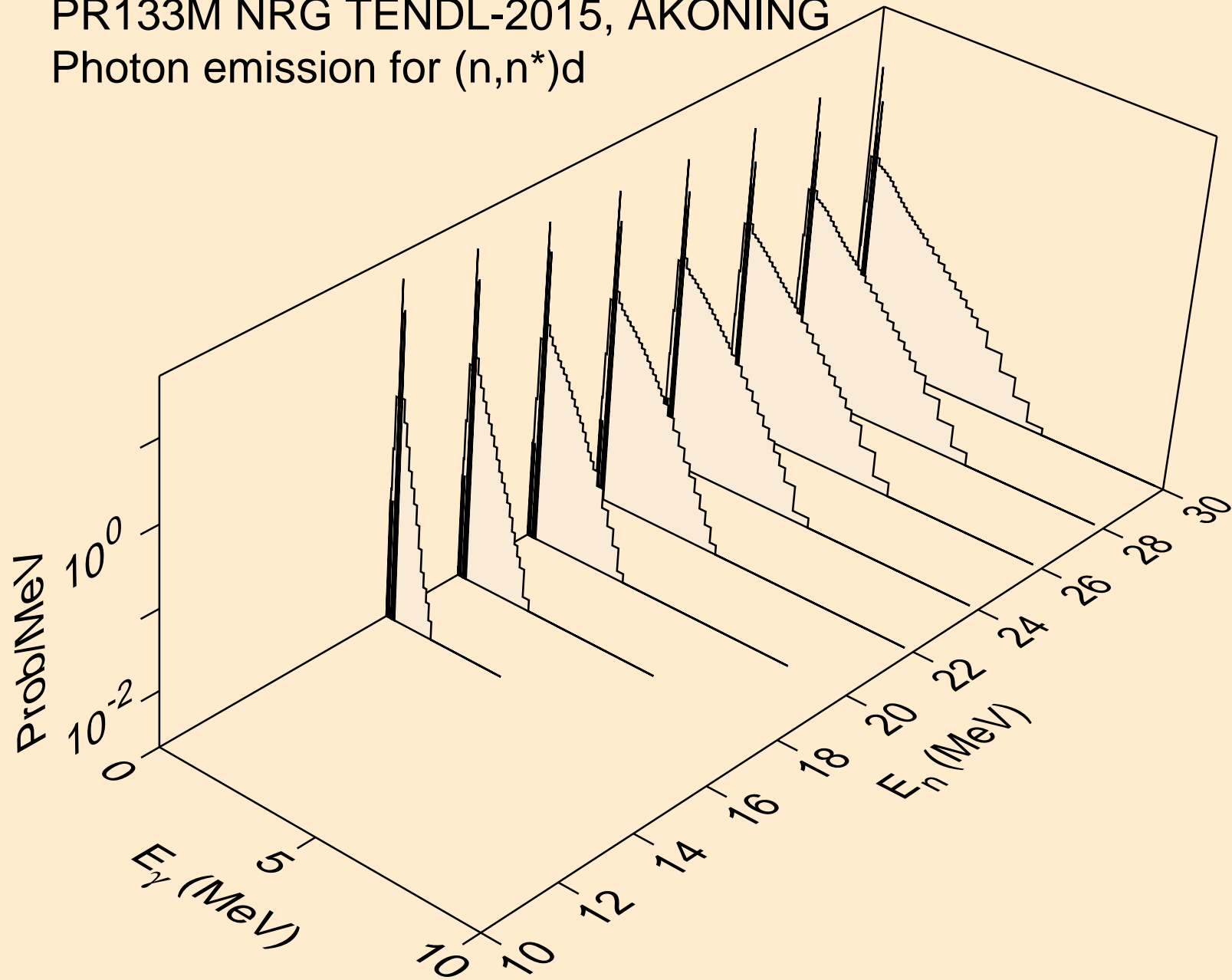
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Photon emission for (n,n\*)2a



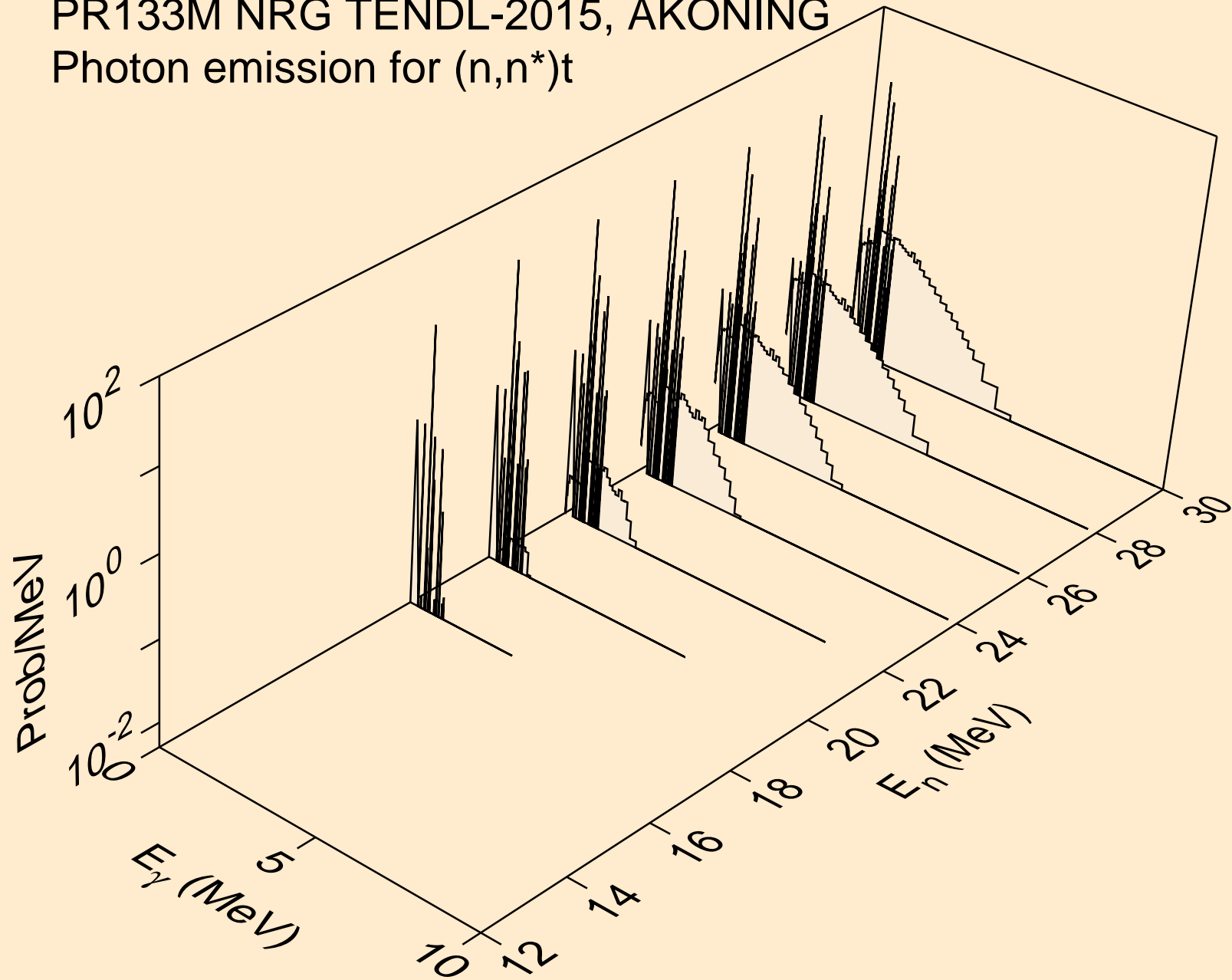
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Photon emission for (n,2n)2a



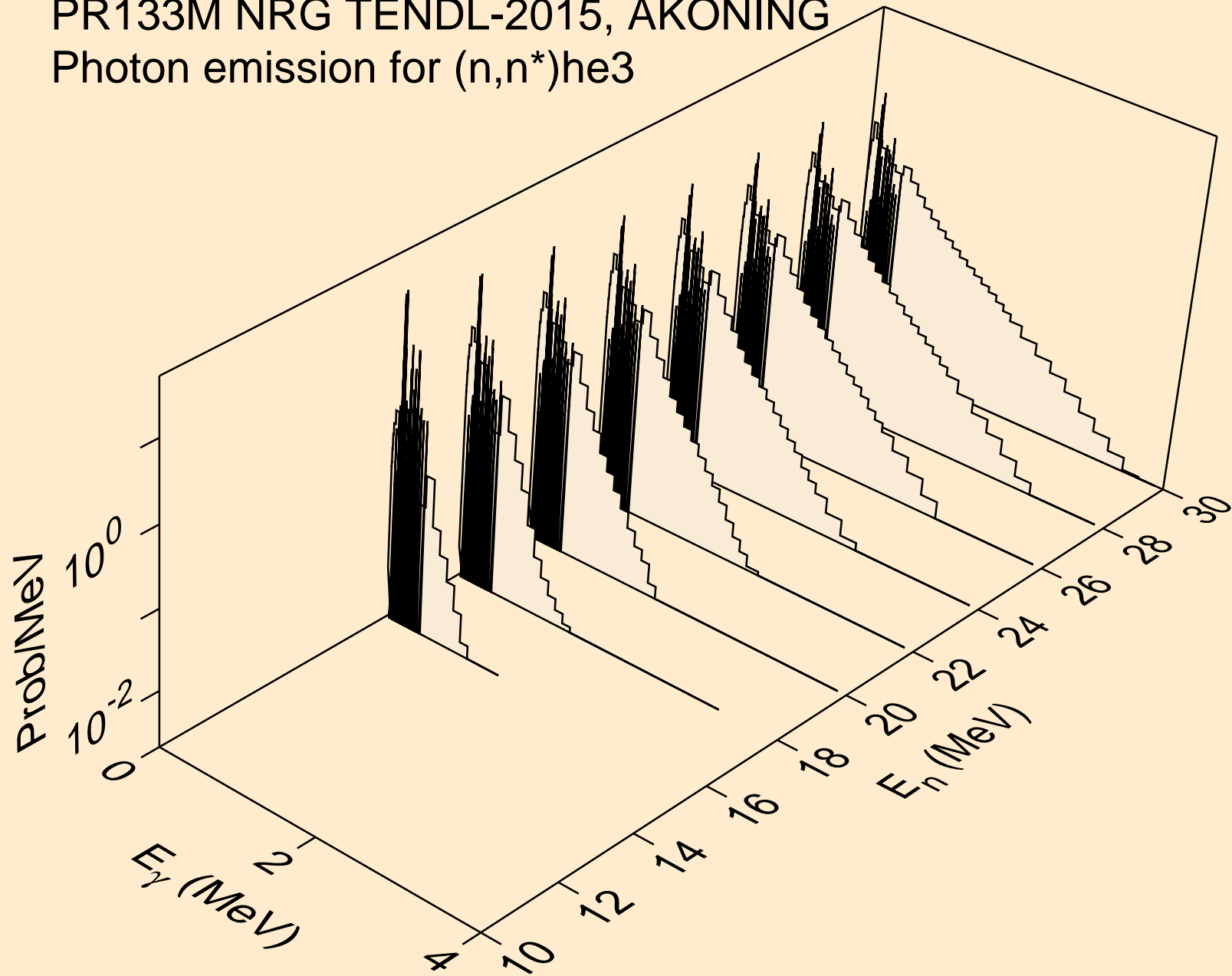
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Photon emission for (n,n\*)d



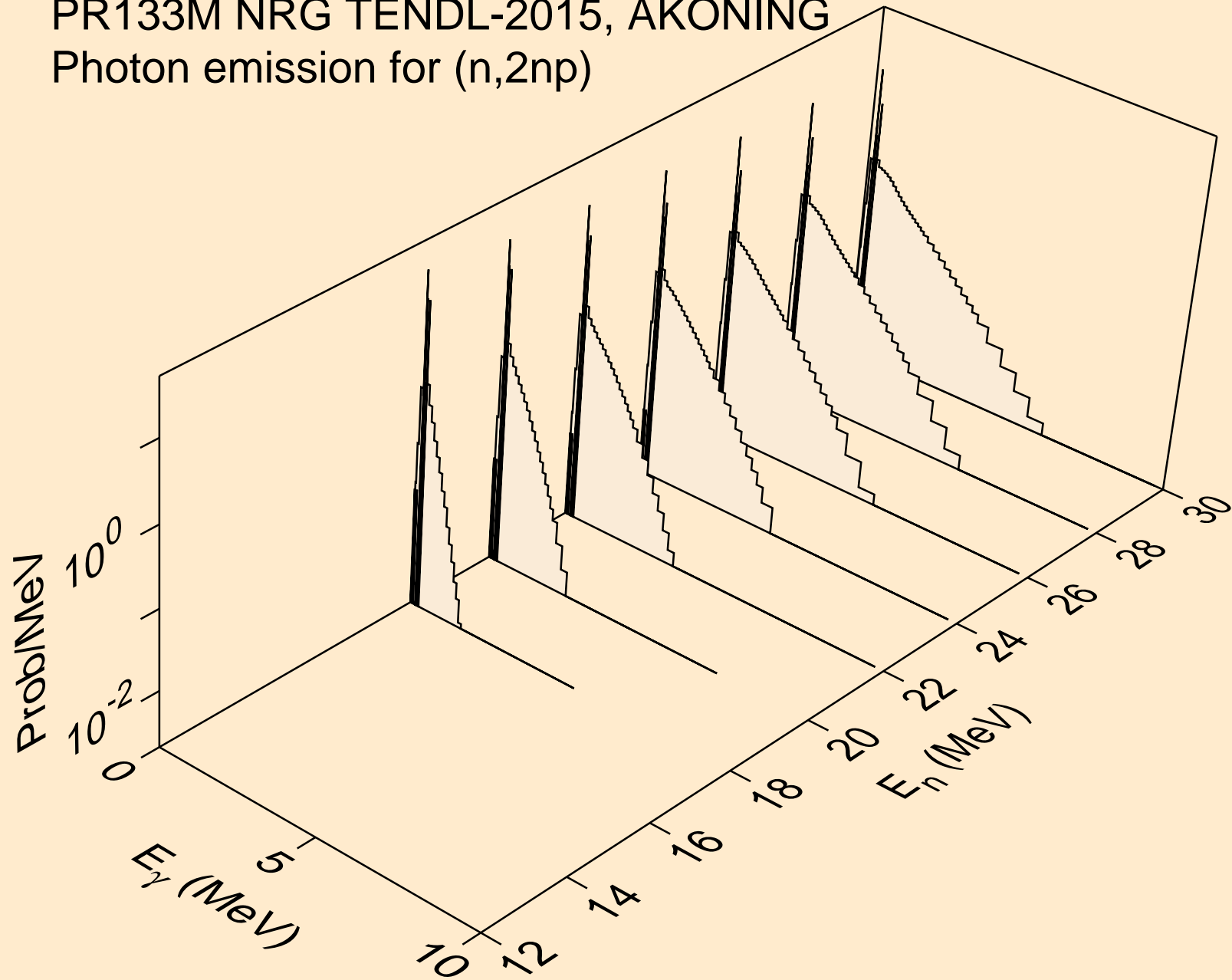
PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

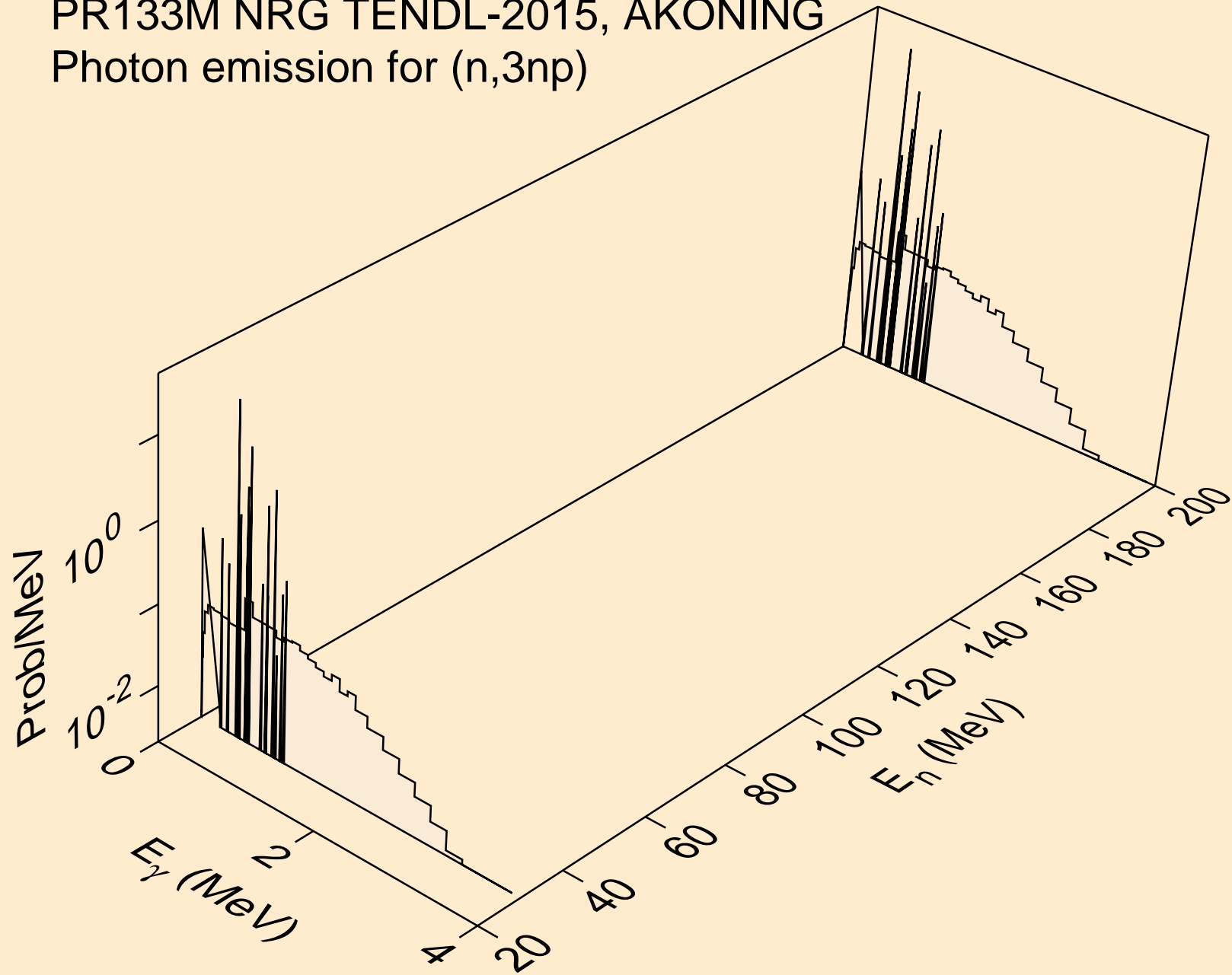


PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

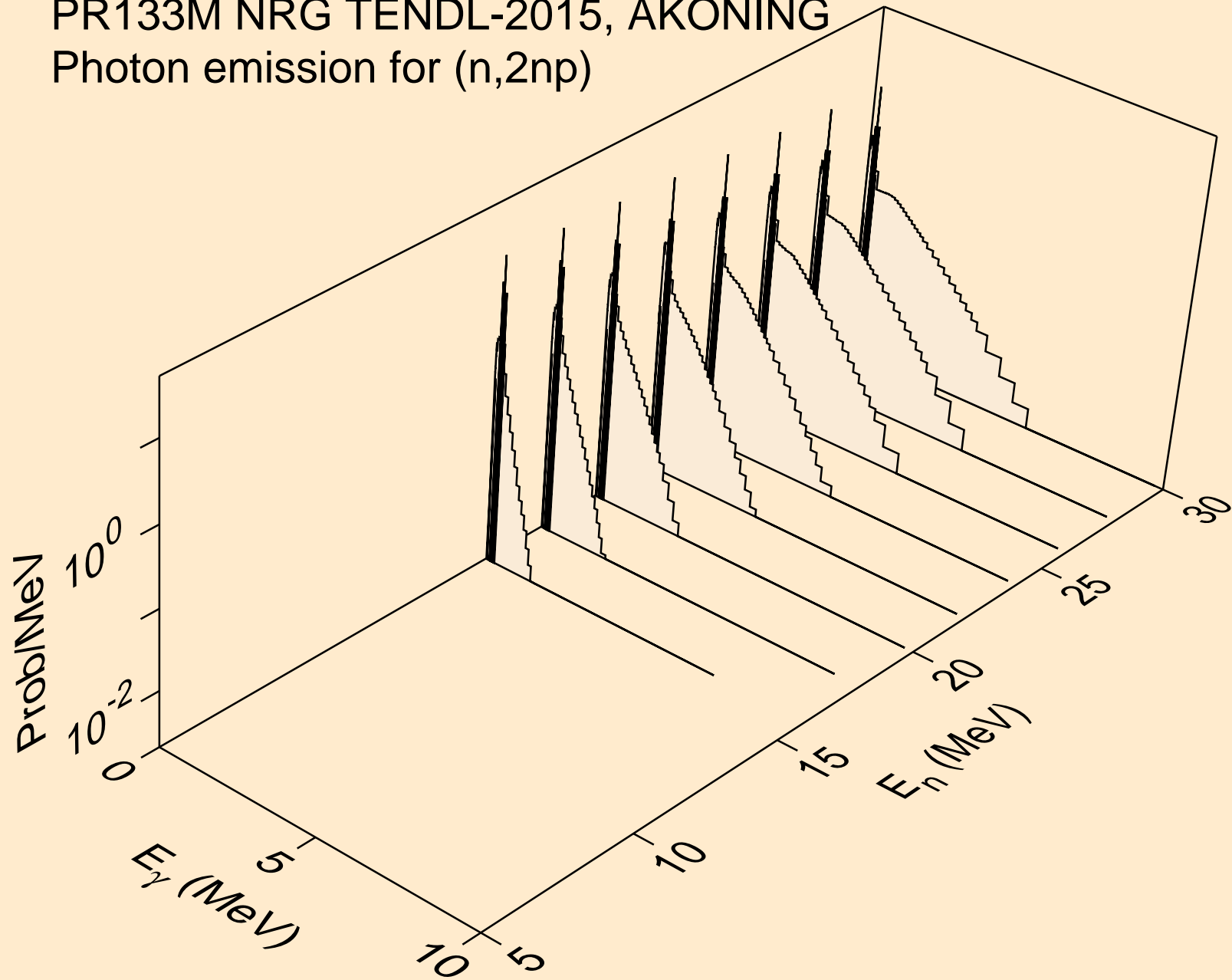




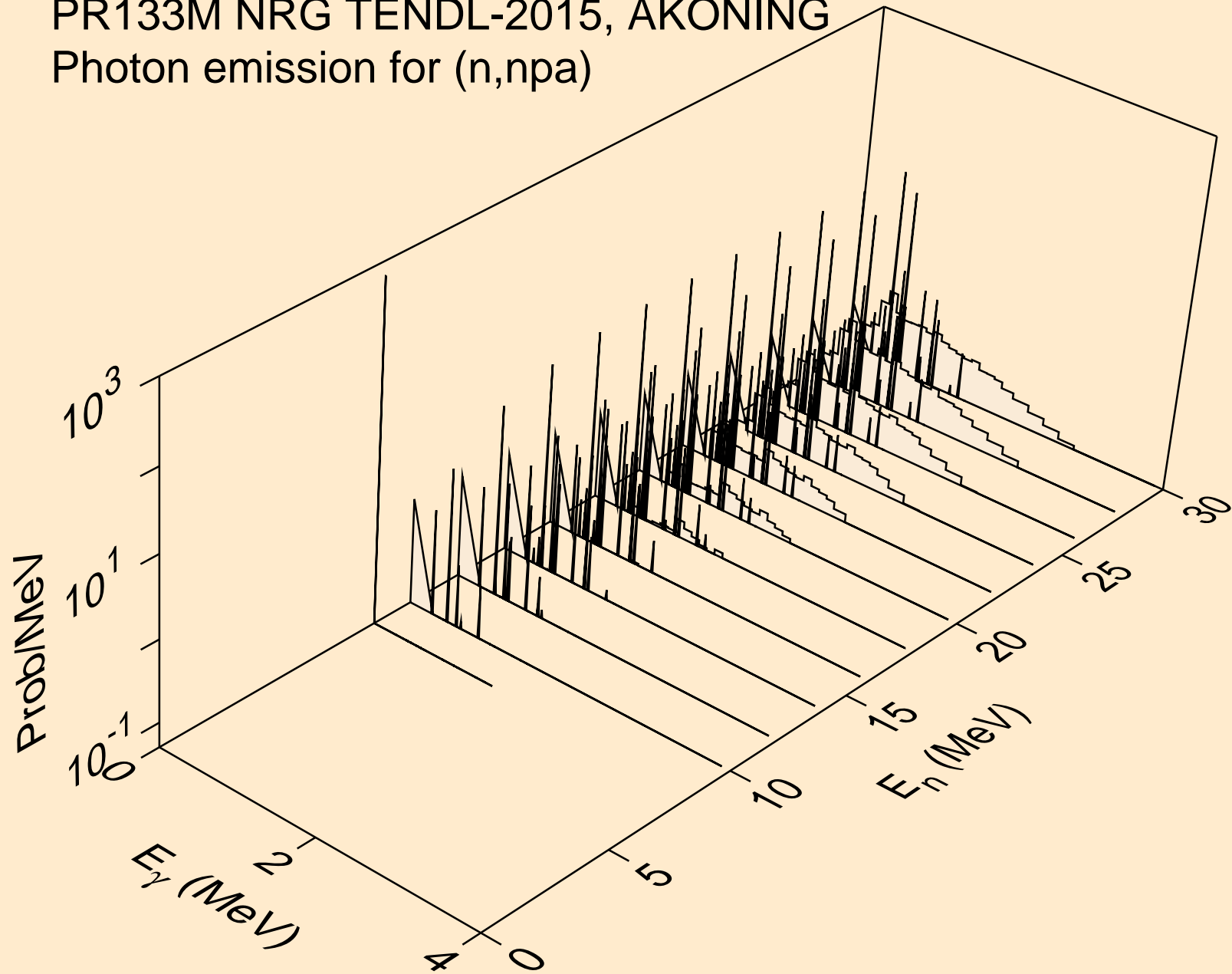
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Photon emission for (n,3np)



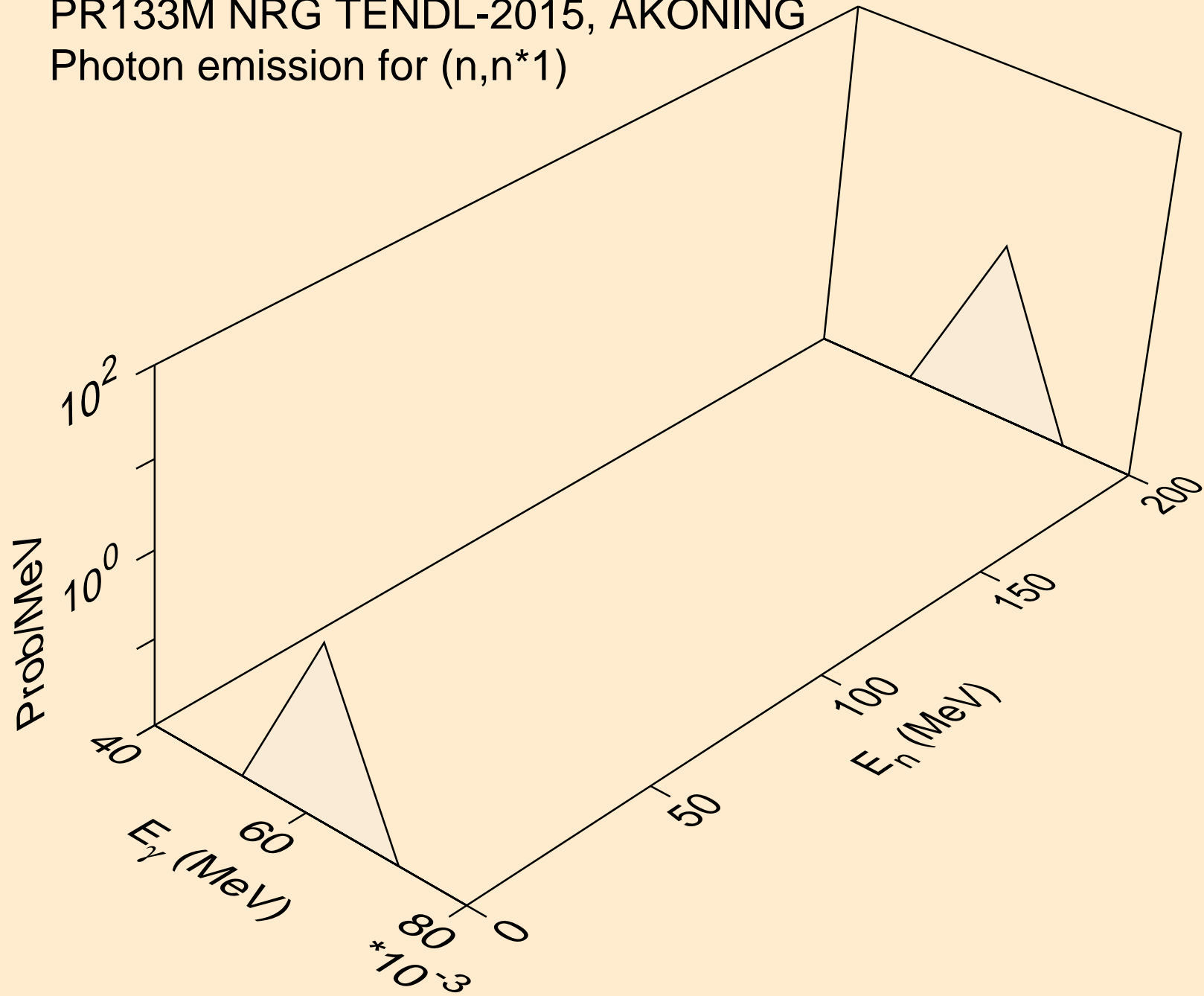
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Photon emission for (n,2np)



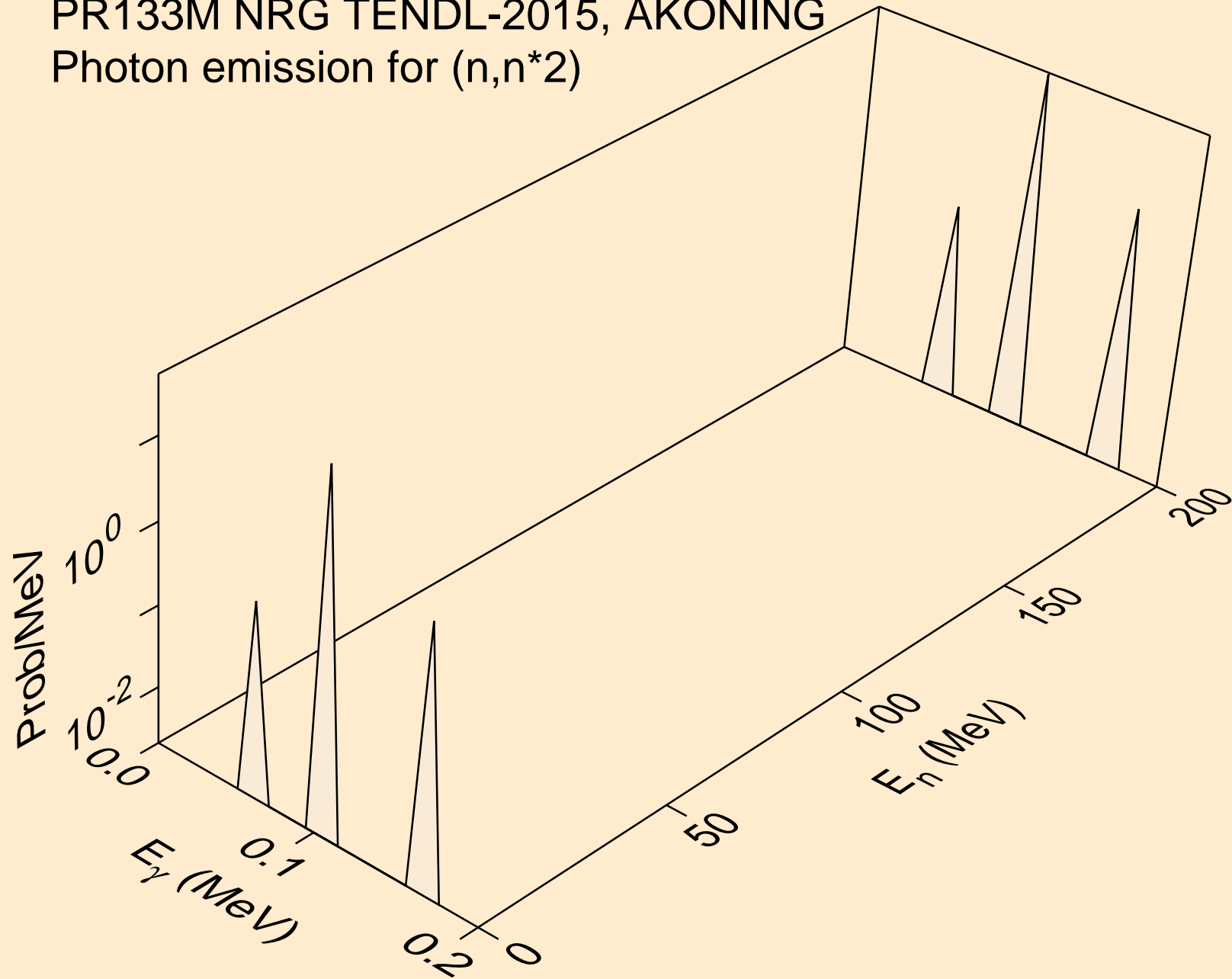
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Photon emission for (n,npa)



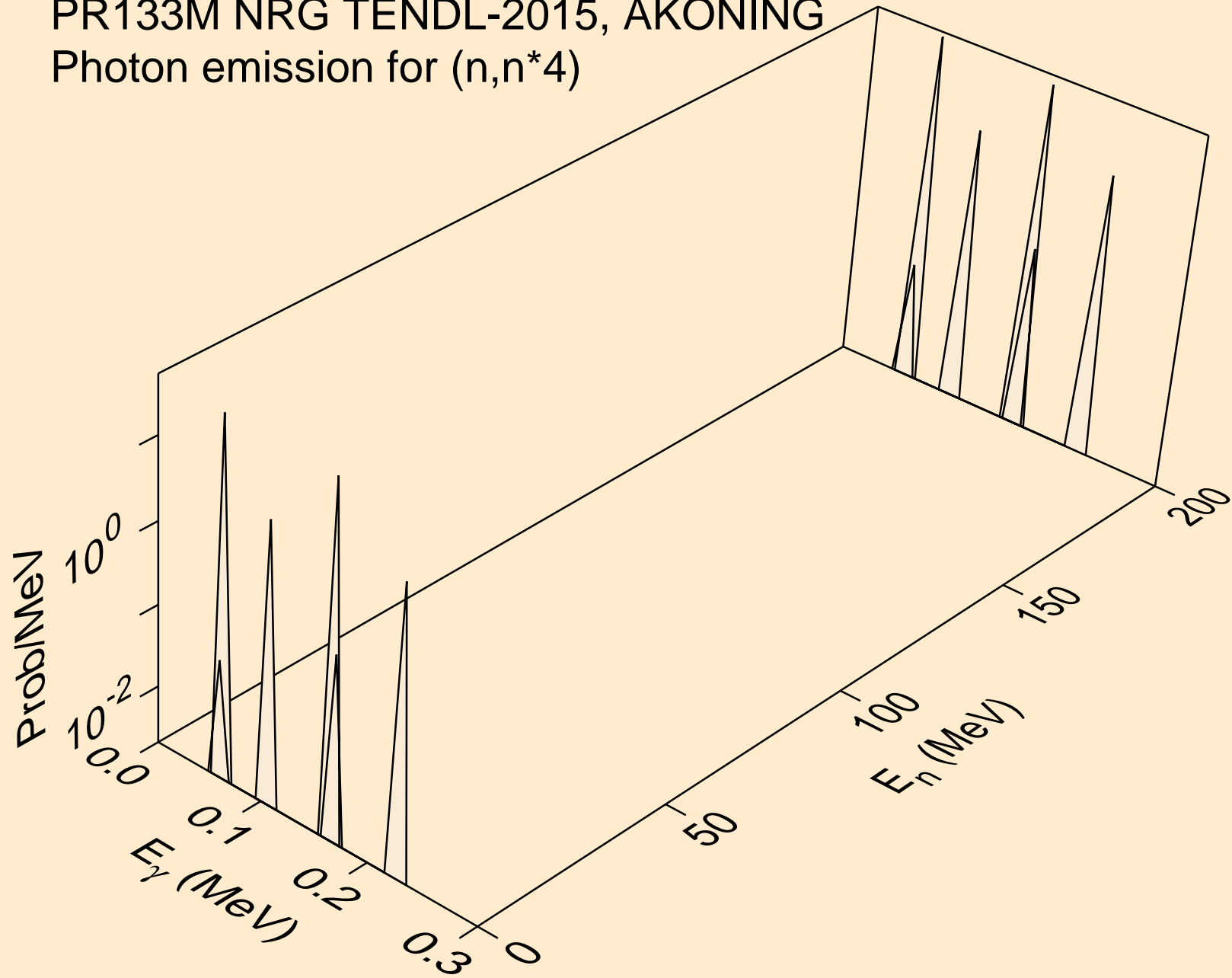
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Photon emission for (n,n\*1)



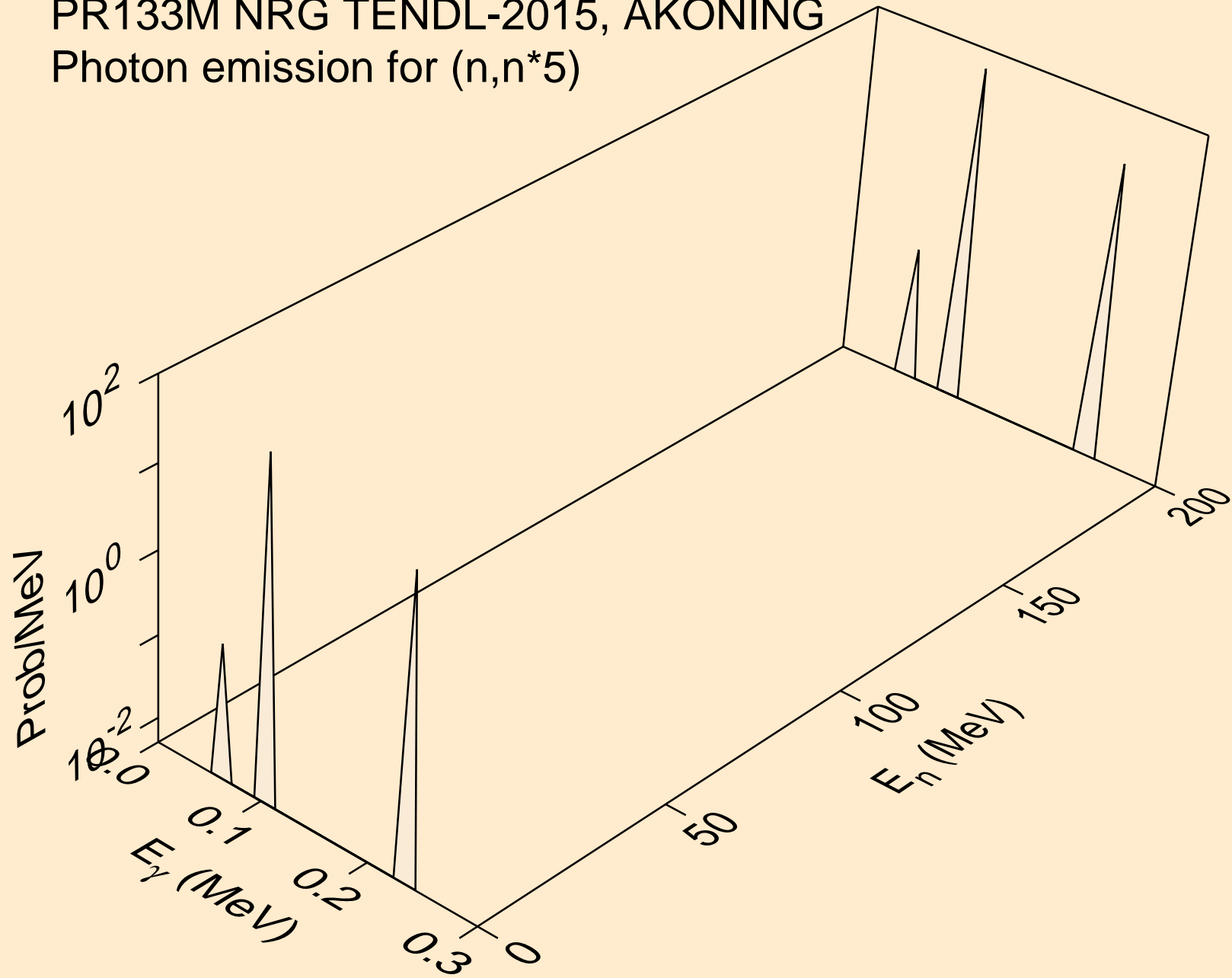
PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



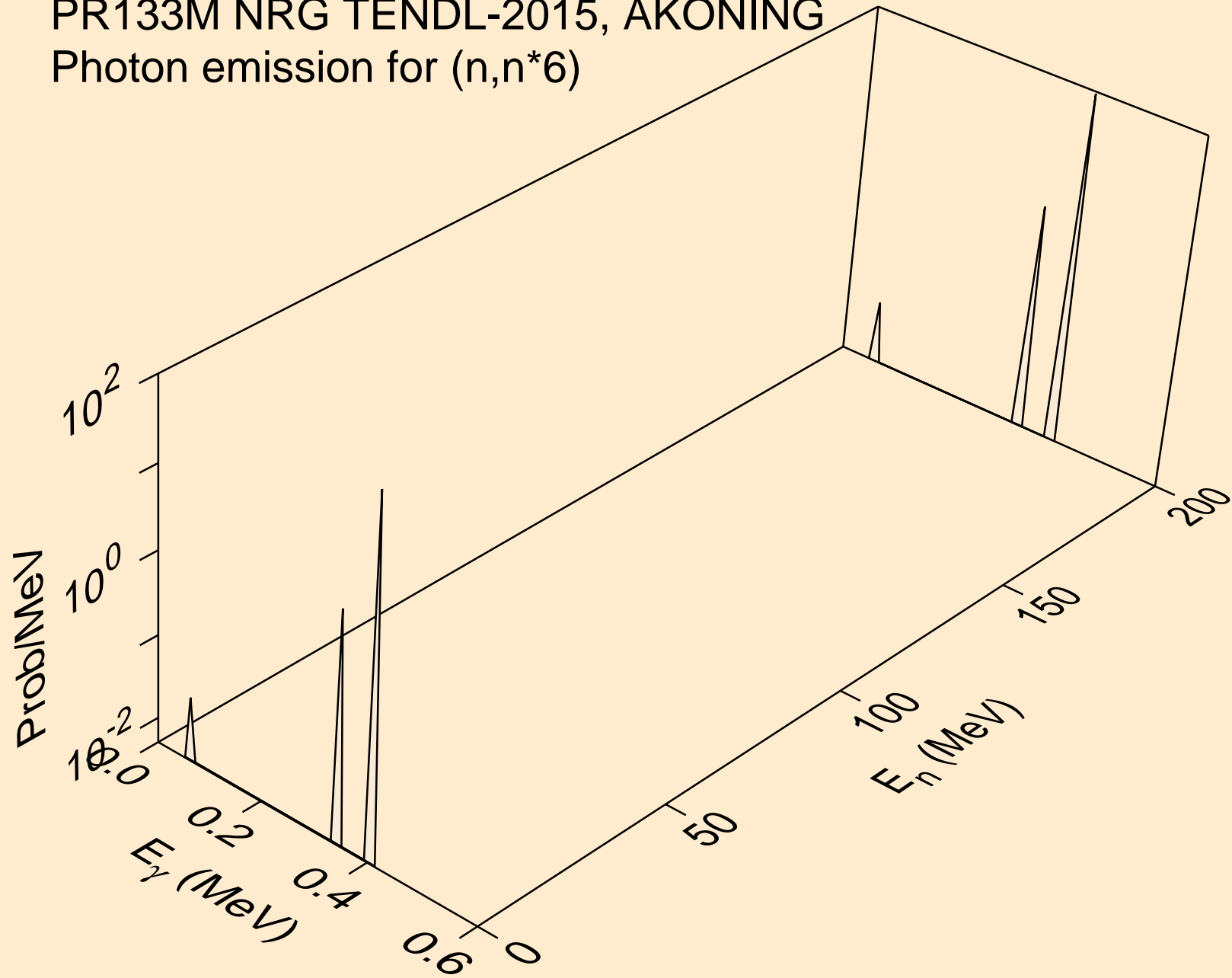
PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)



PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)

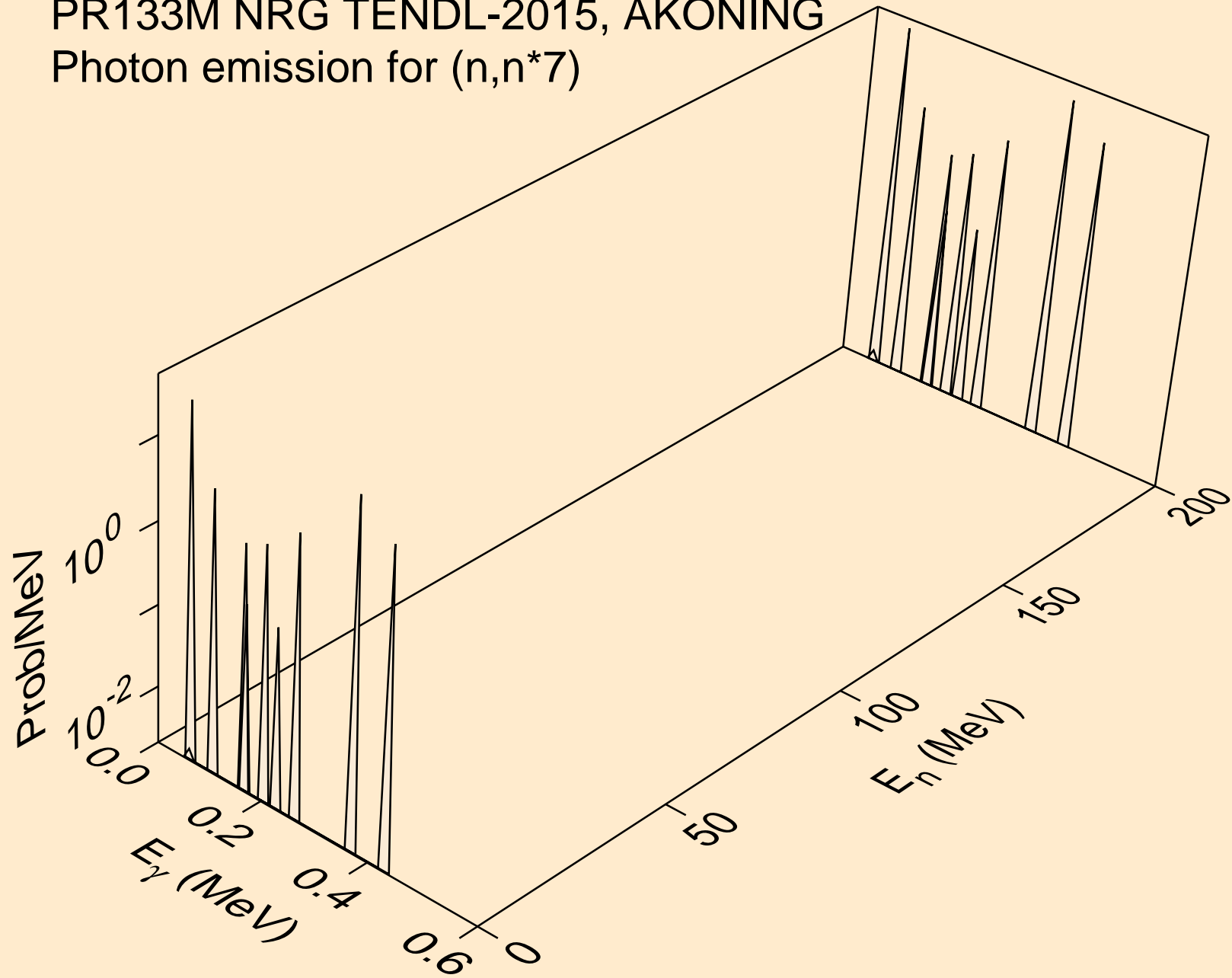


PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)

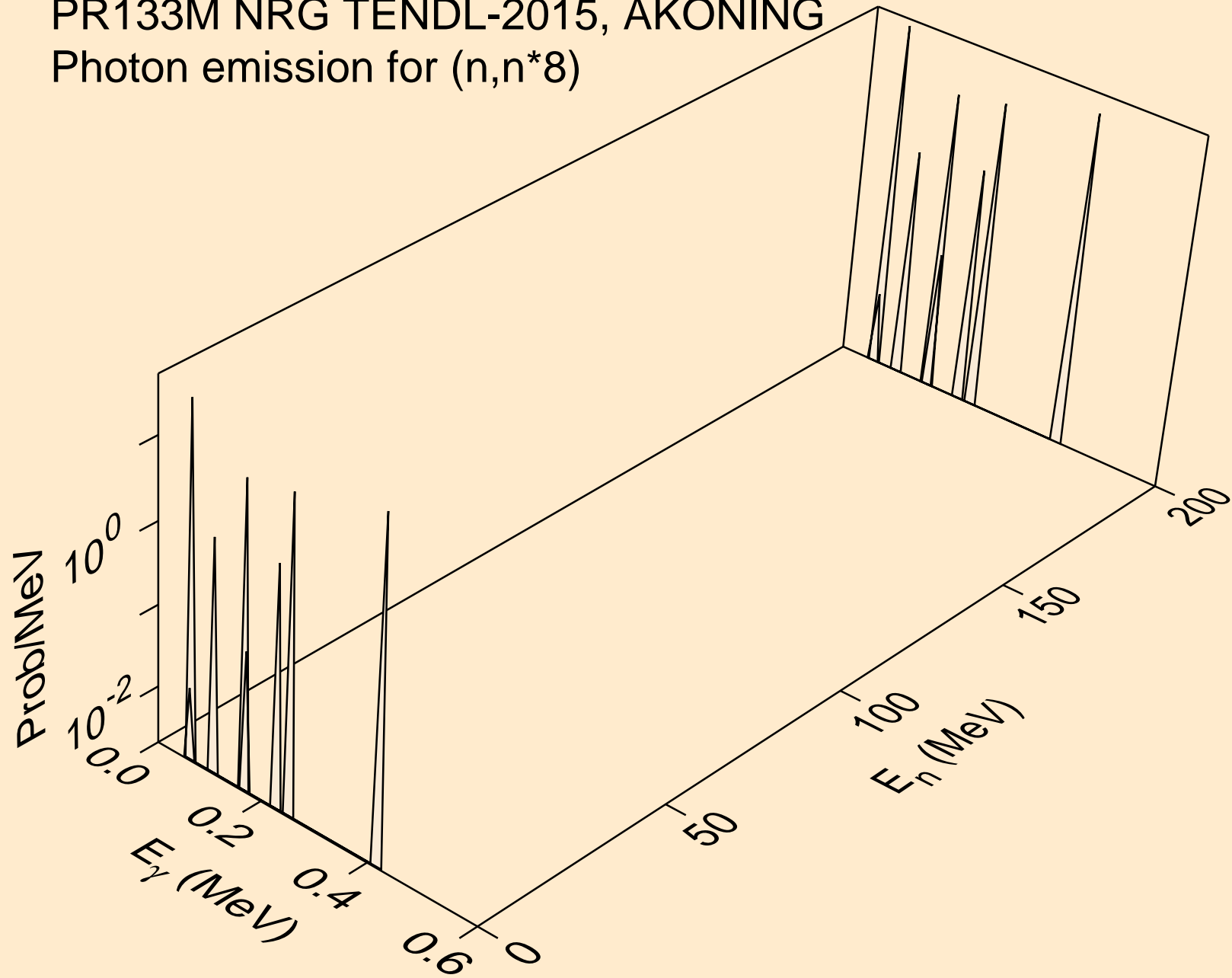




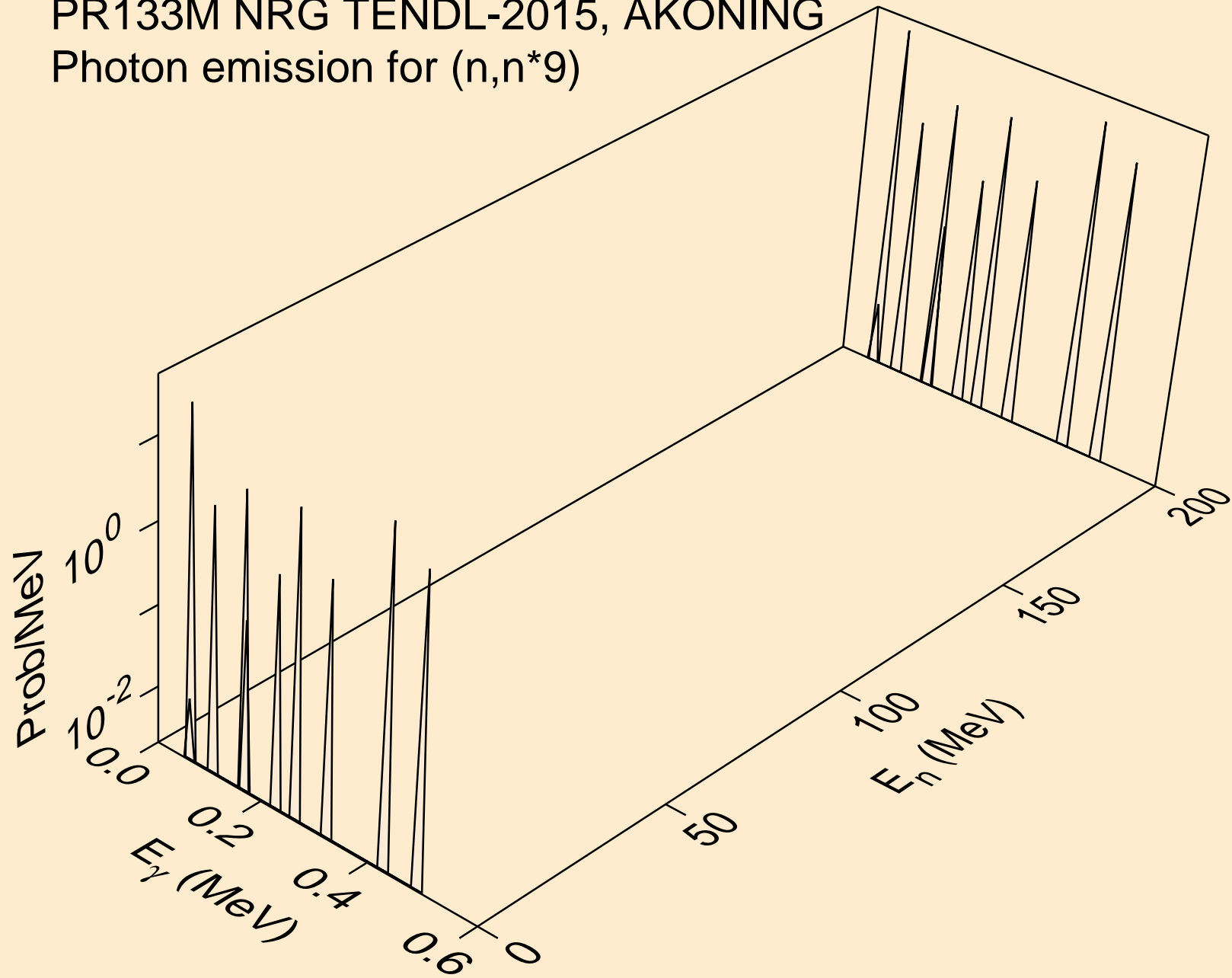
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Photon emission for (n,n\*7)



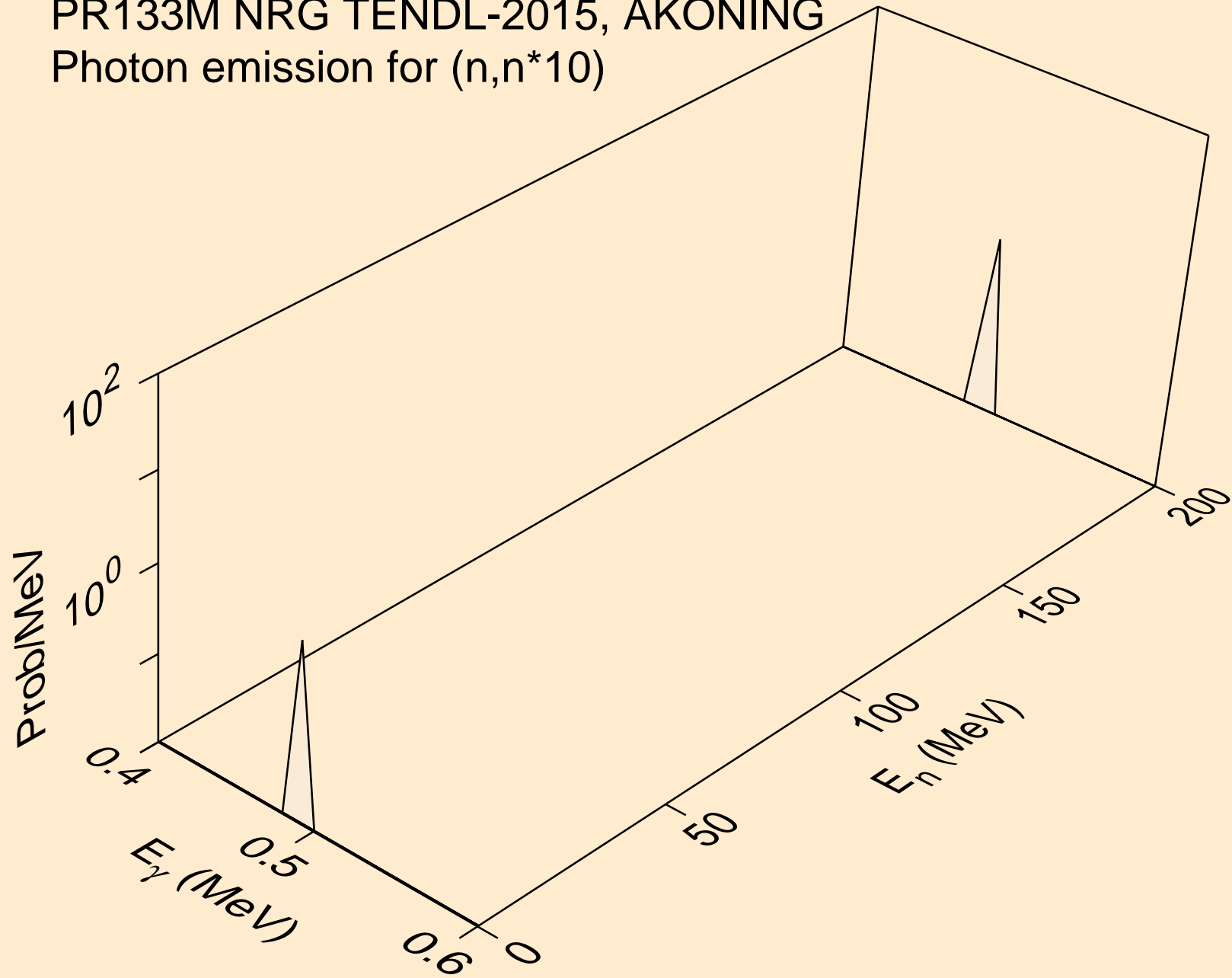
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Photon emission for (n,n\*8)



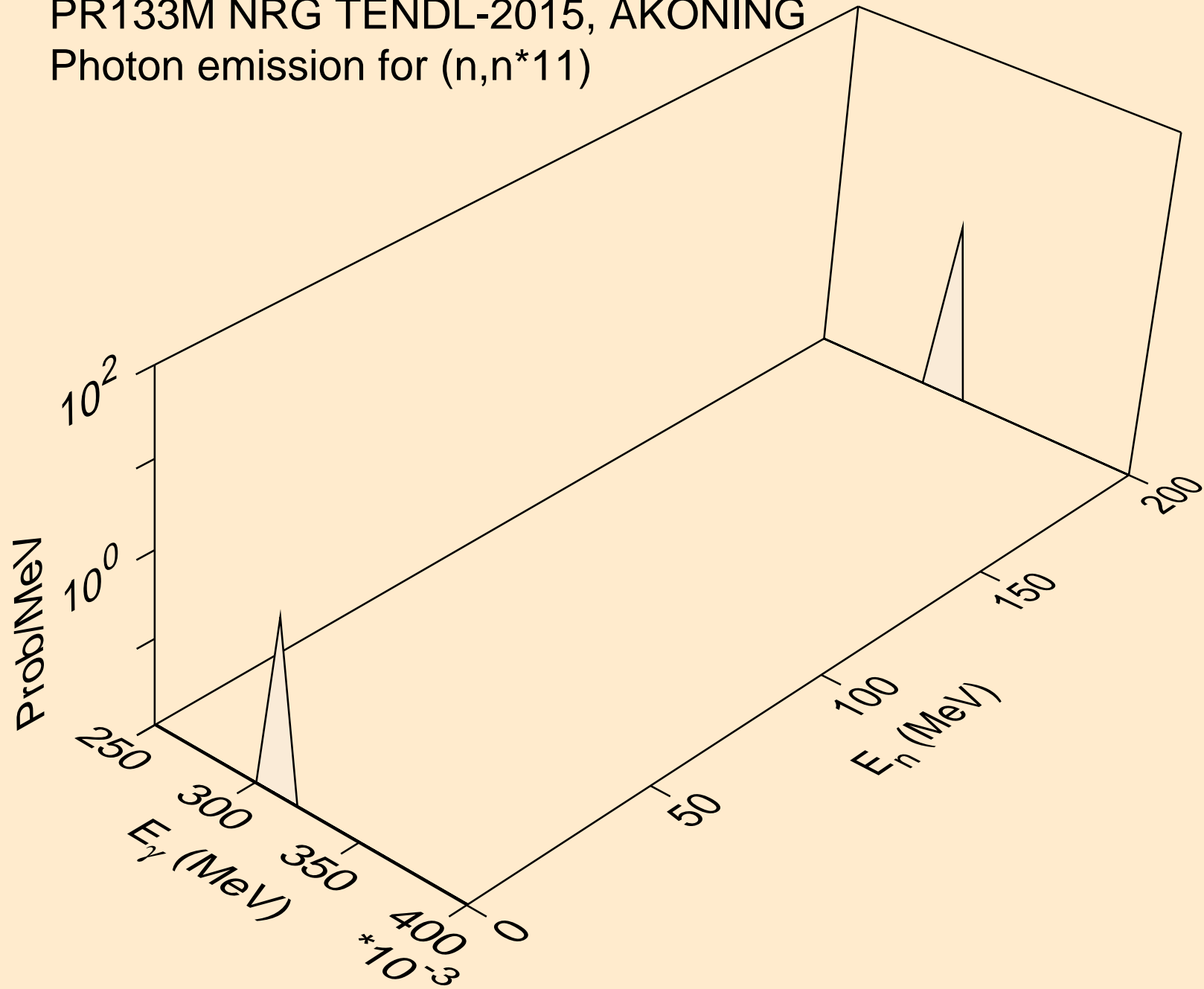
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Photon emission for (n,n\*9)



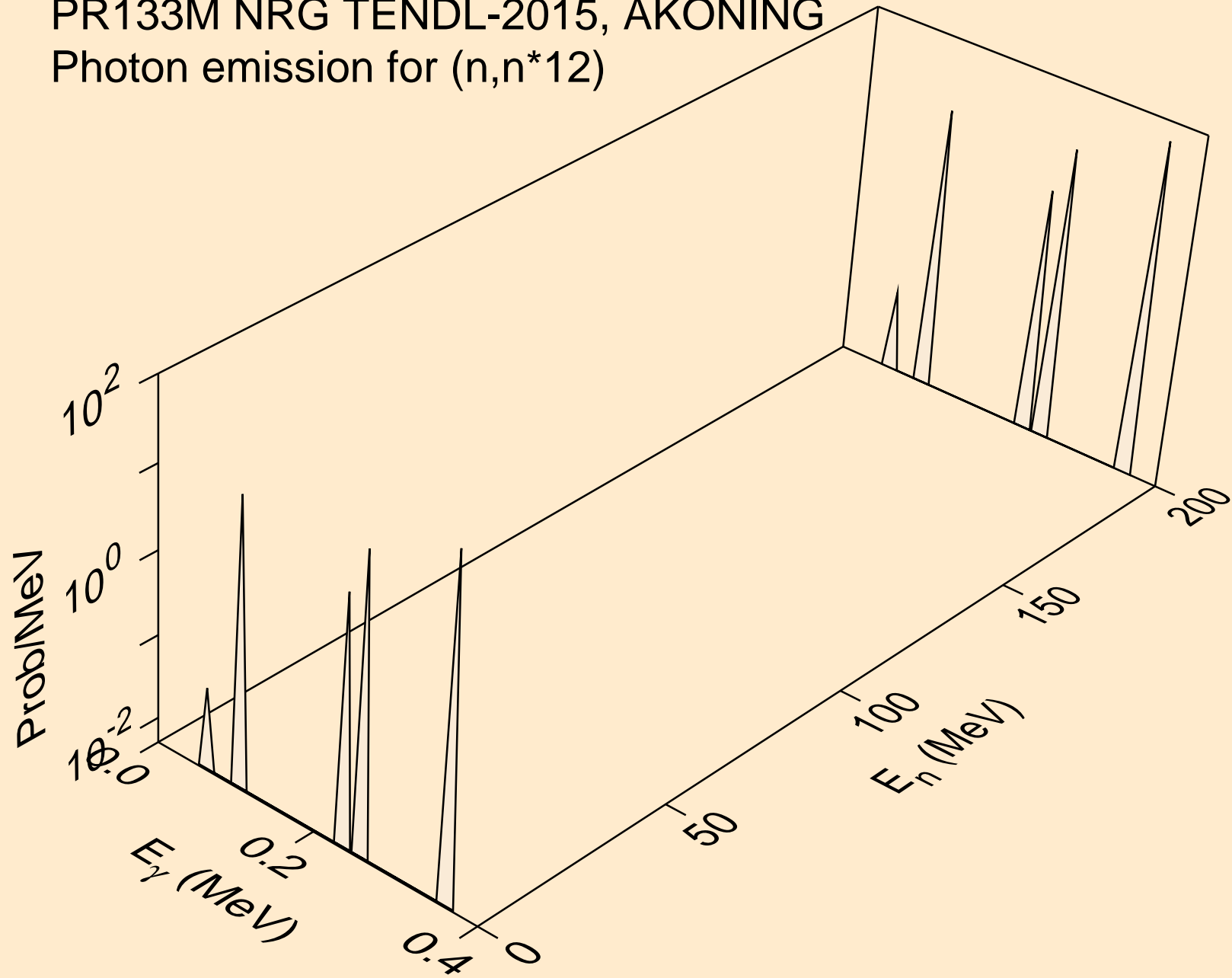
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Photon emission for (n,n\*10)



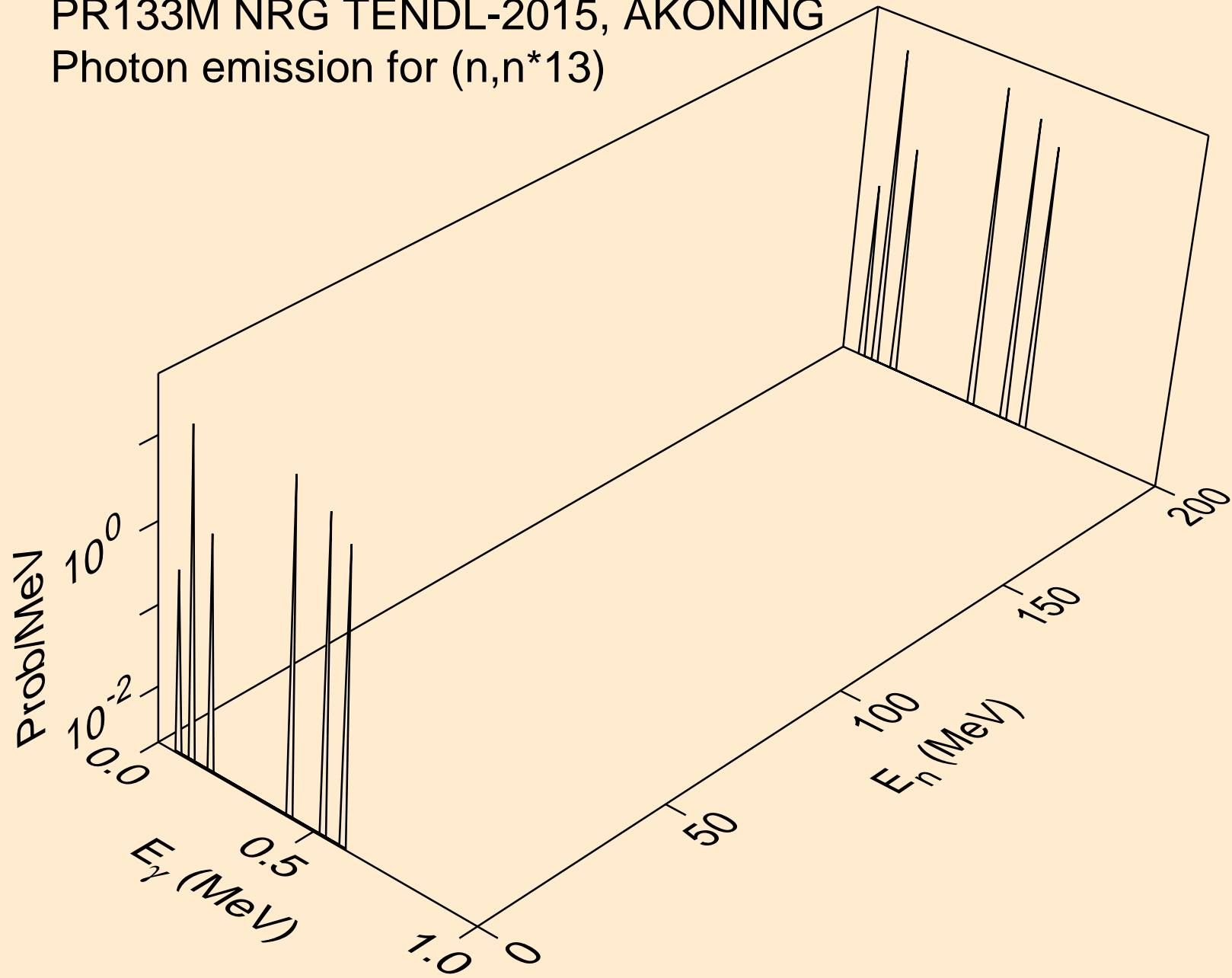
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Photon emission for (n,n\*11)



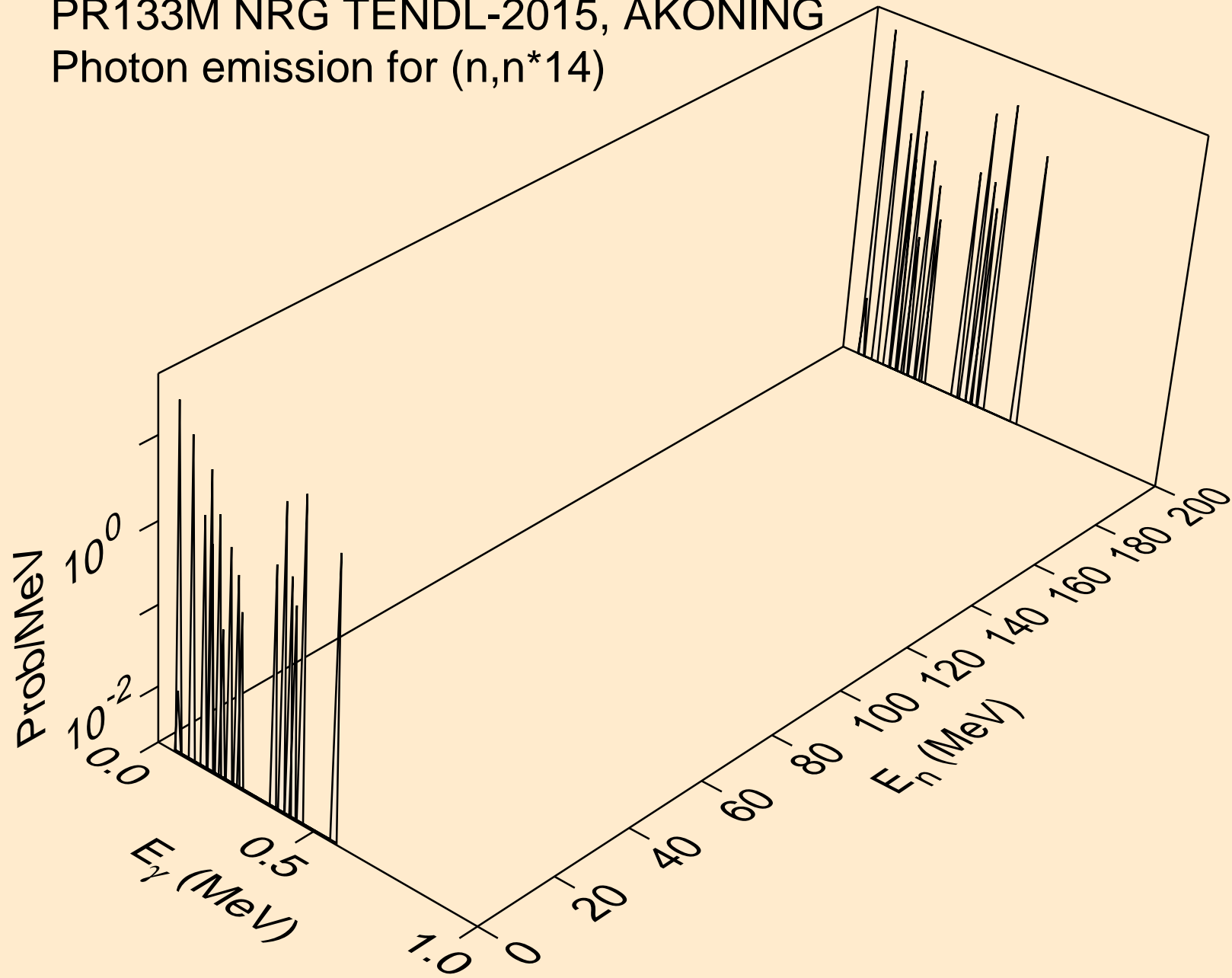
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Photon emission for (n,n\*12)



PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)

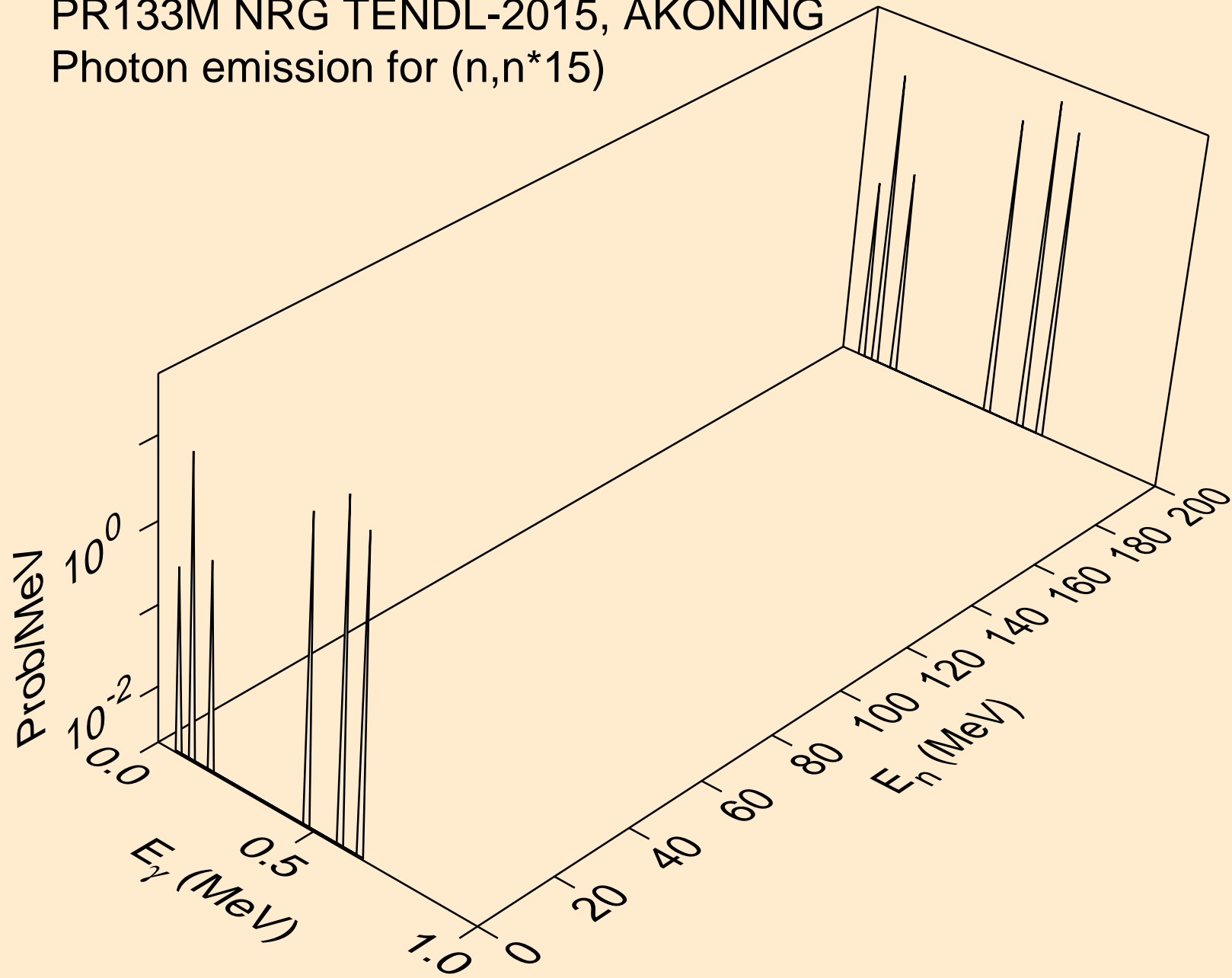


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Photon emission for (n,n\*14)

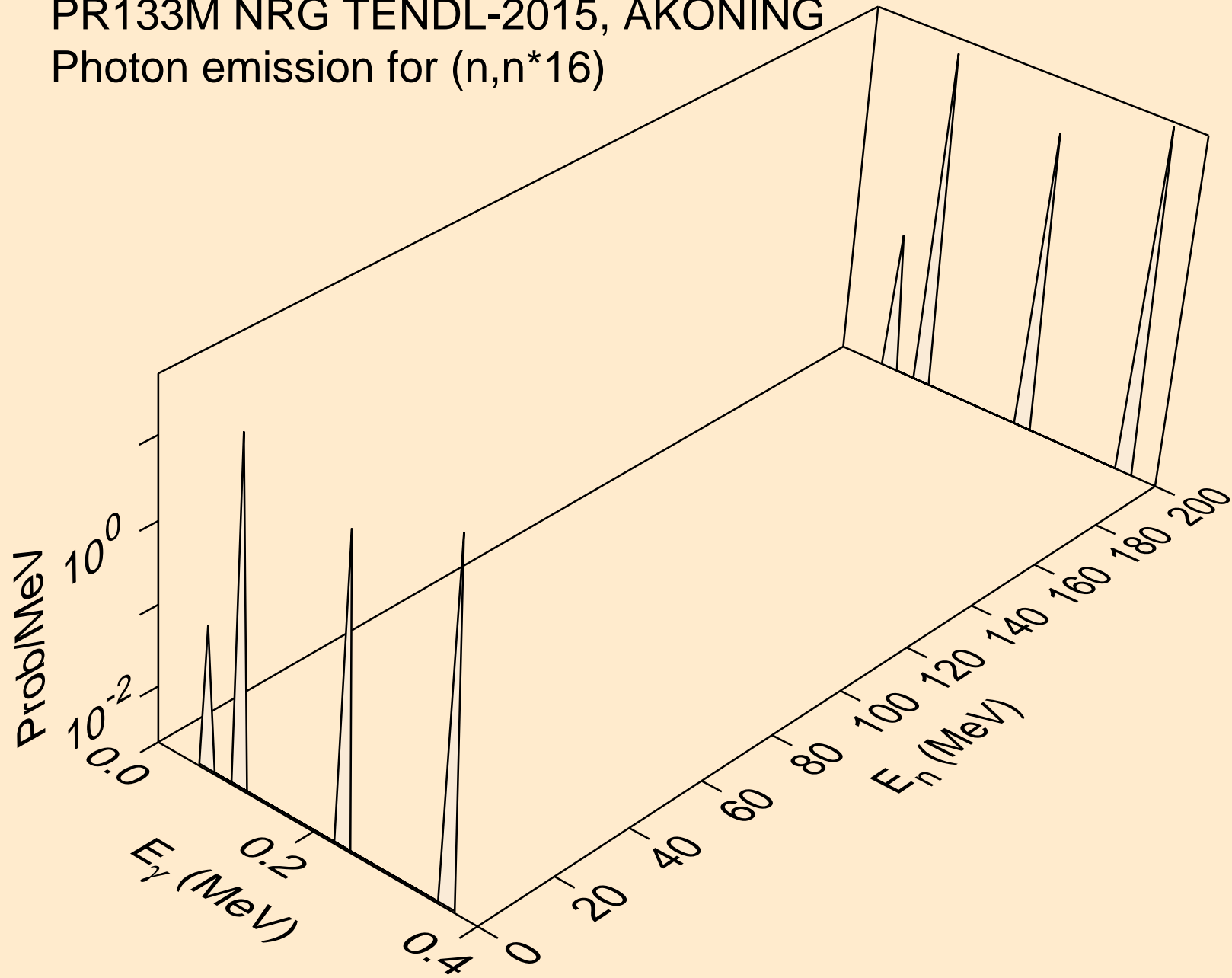




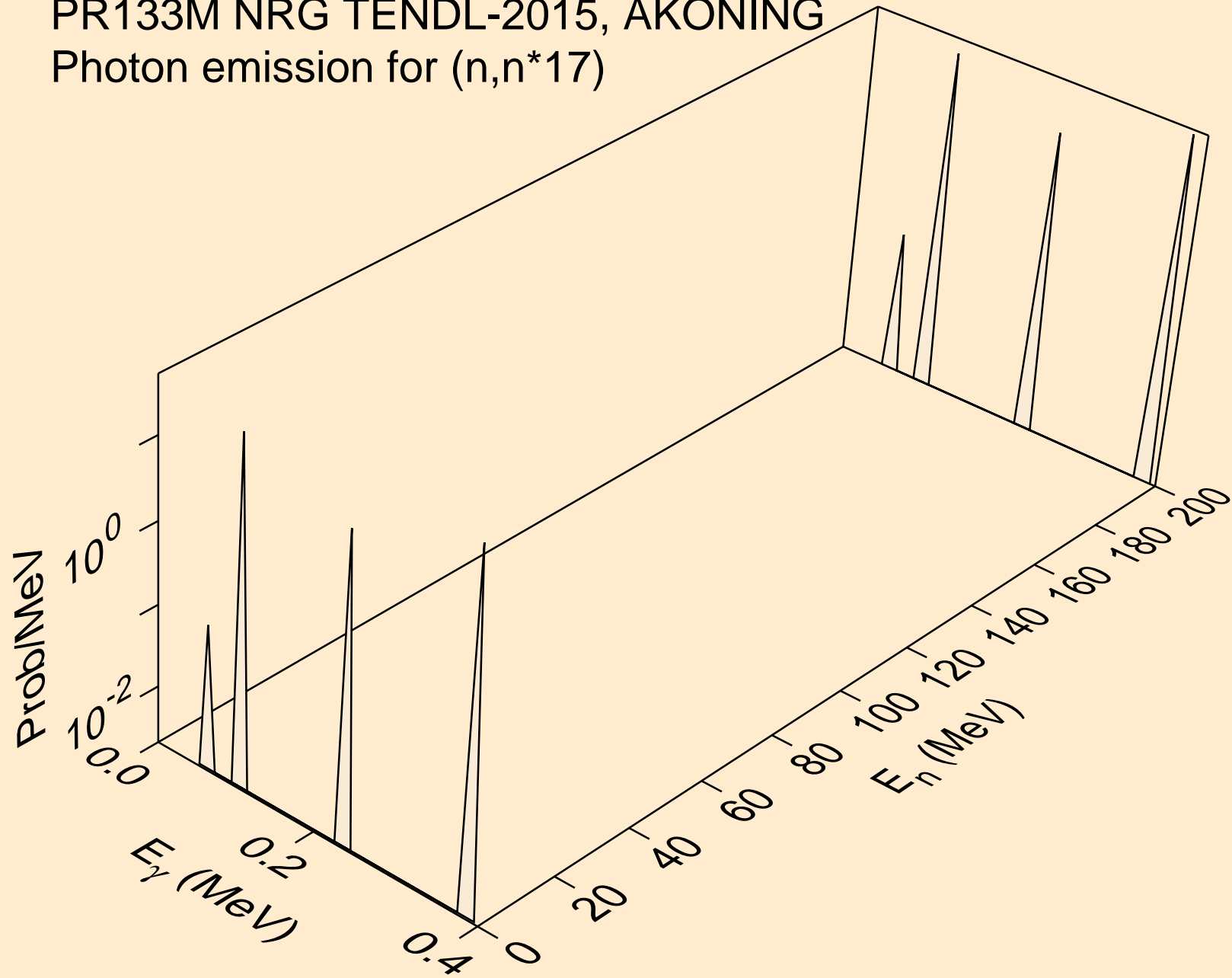
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Photon emission for (n,n\*15)



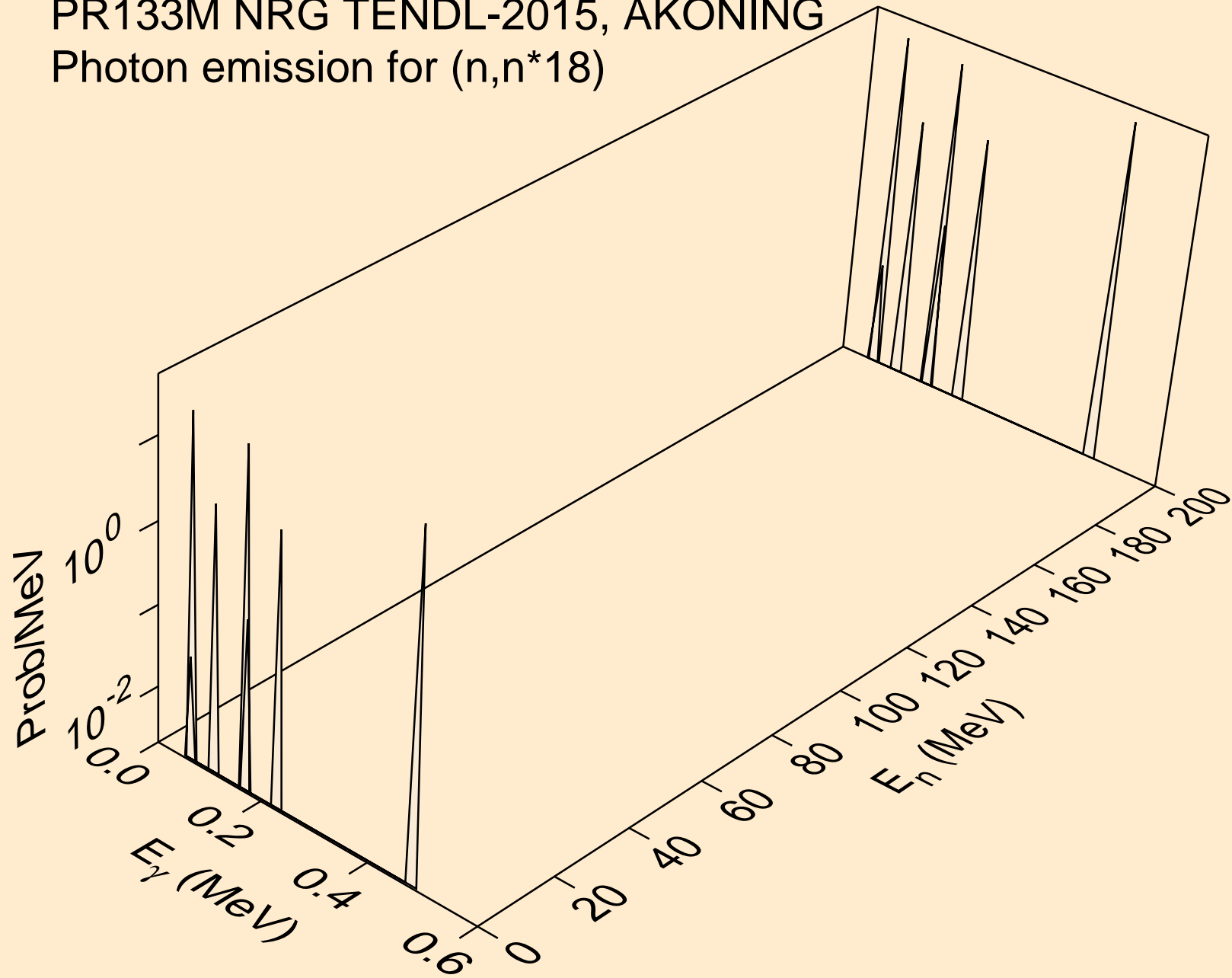
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Photon emission for (n,n\*16)



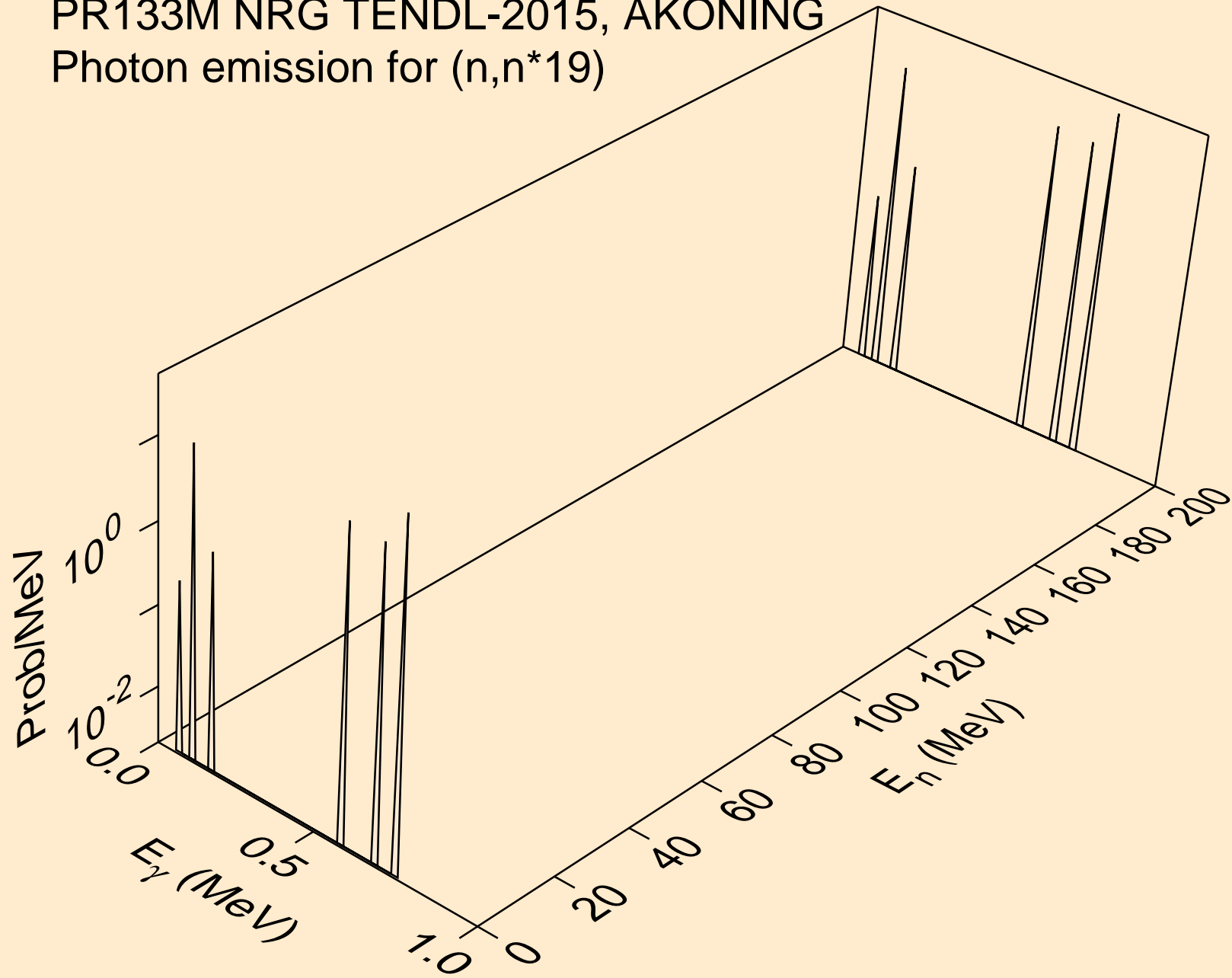
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Photon emission for (n,n\*17)



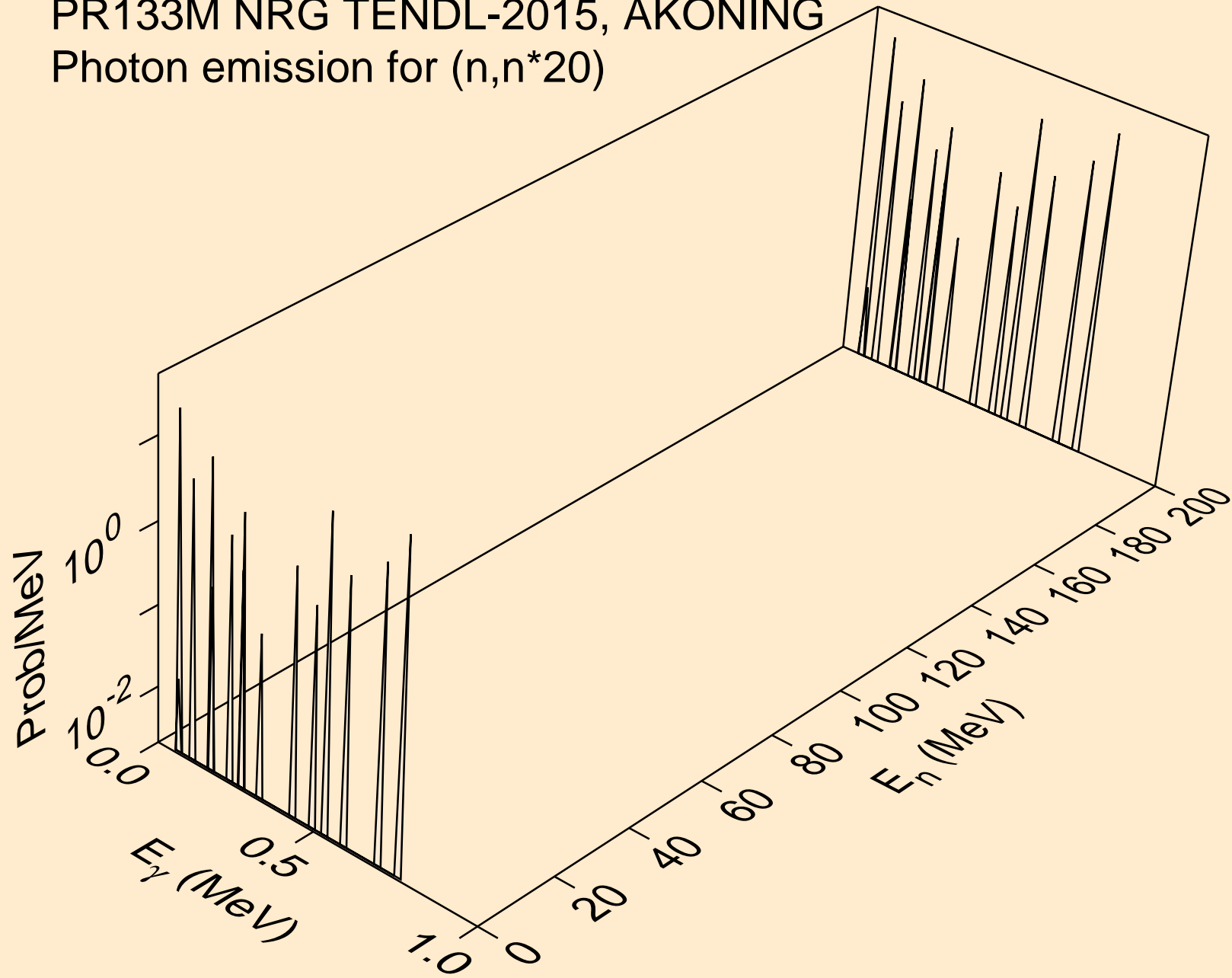
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Photon emission for (n,n\*18)



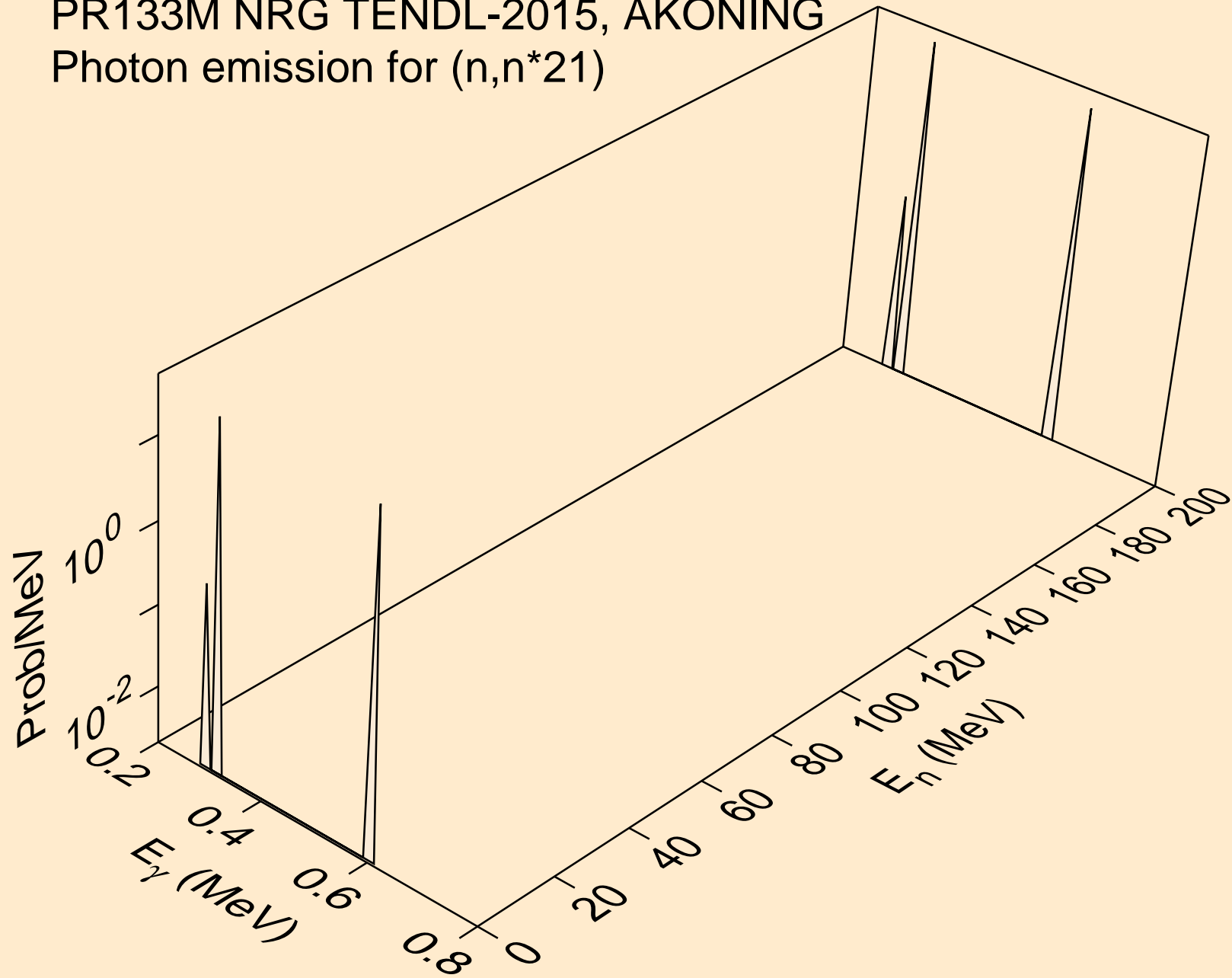
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Photon emission for (n,n\*19)



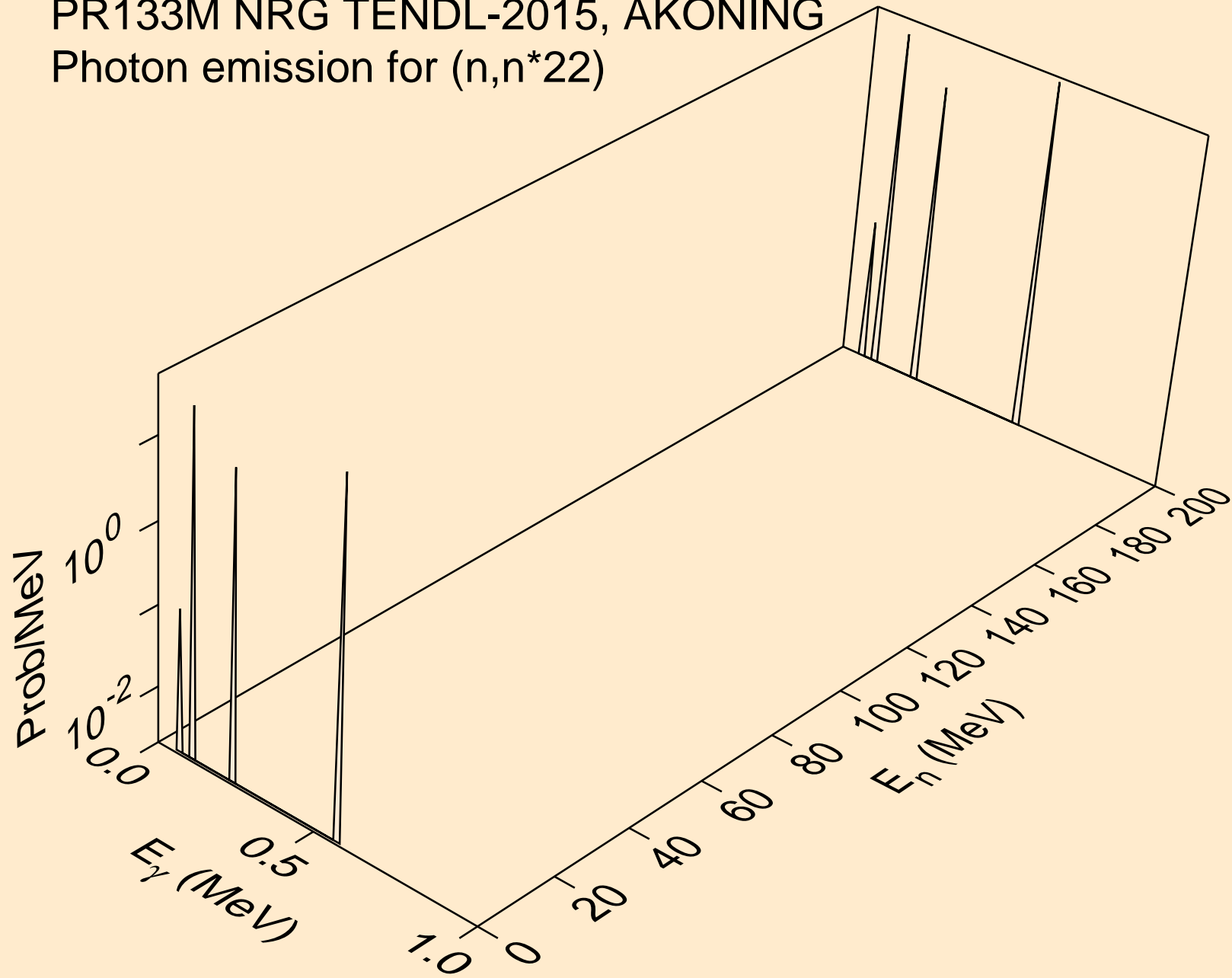
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Photon emission for (n,n\*20)



PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)

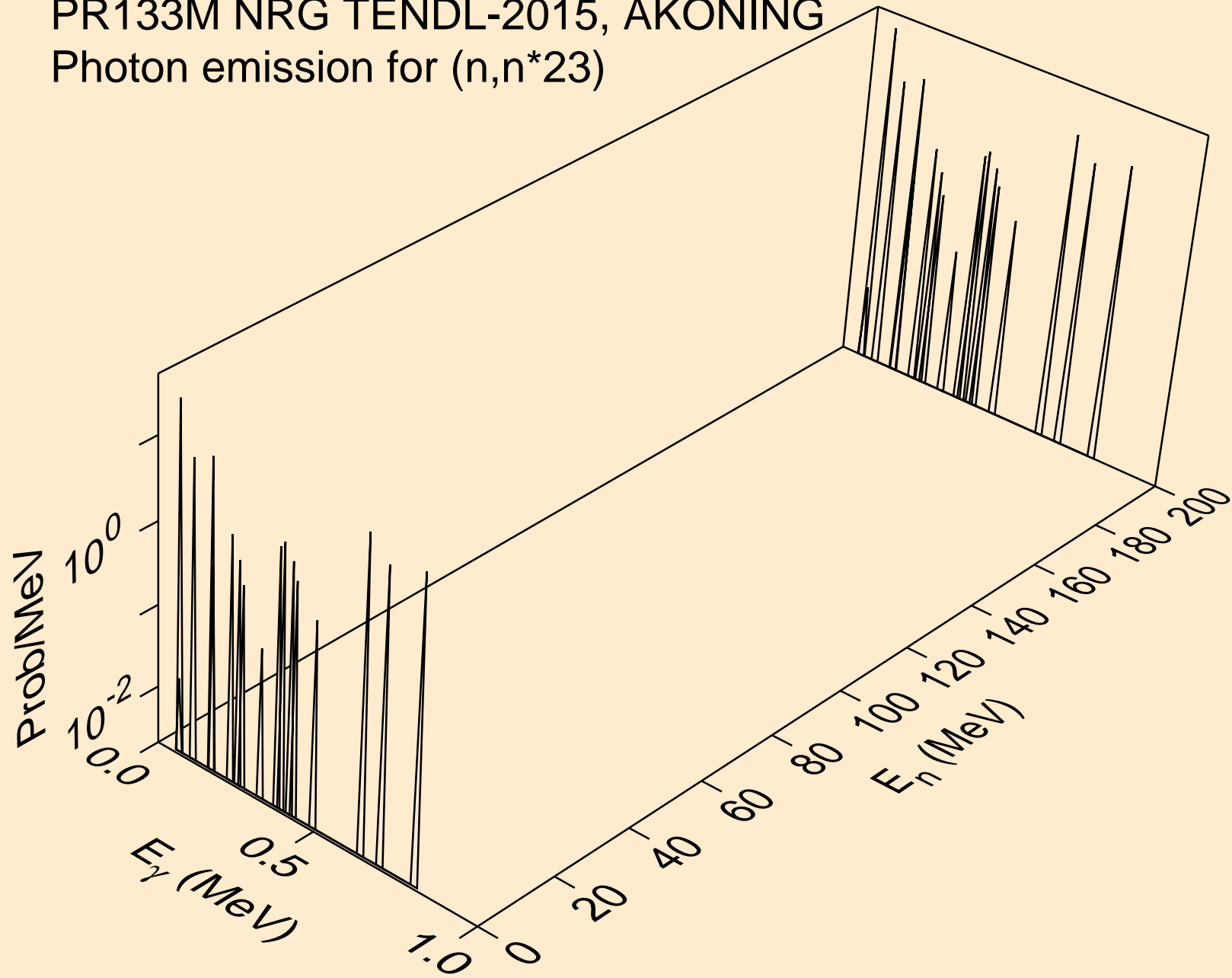


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Photon emission for (n,n\*22)

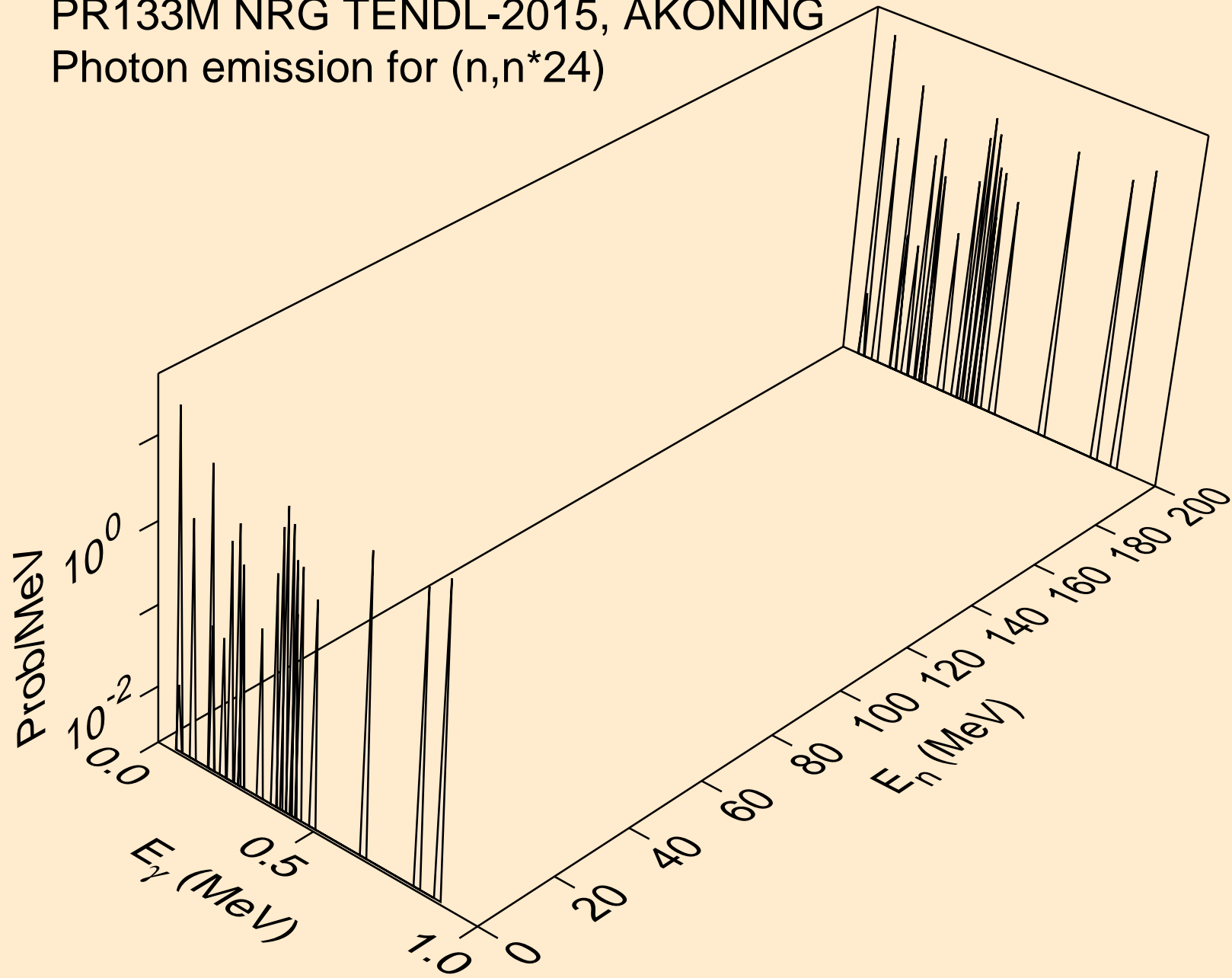




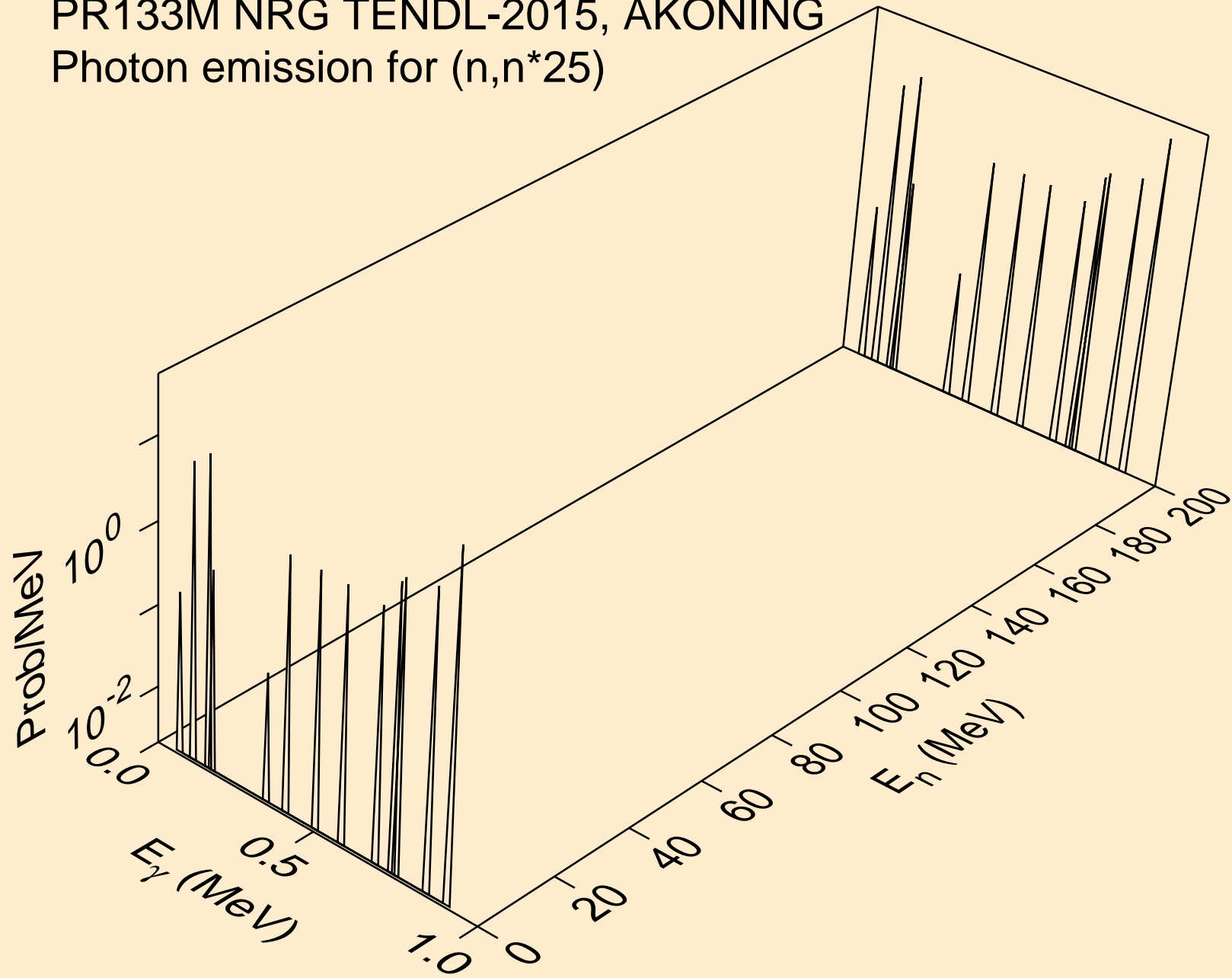
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Photon emission for (n,n\*23)



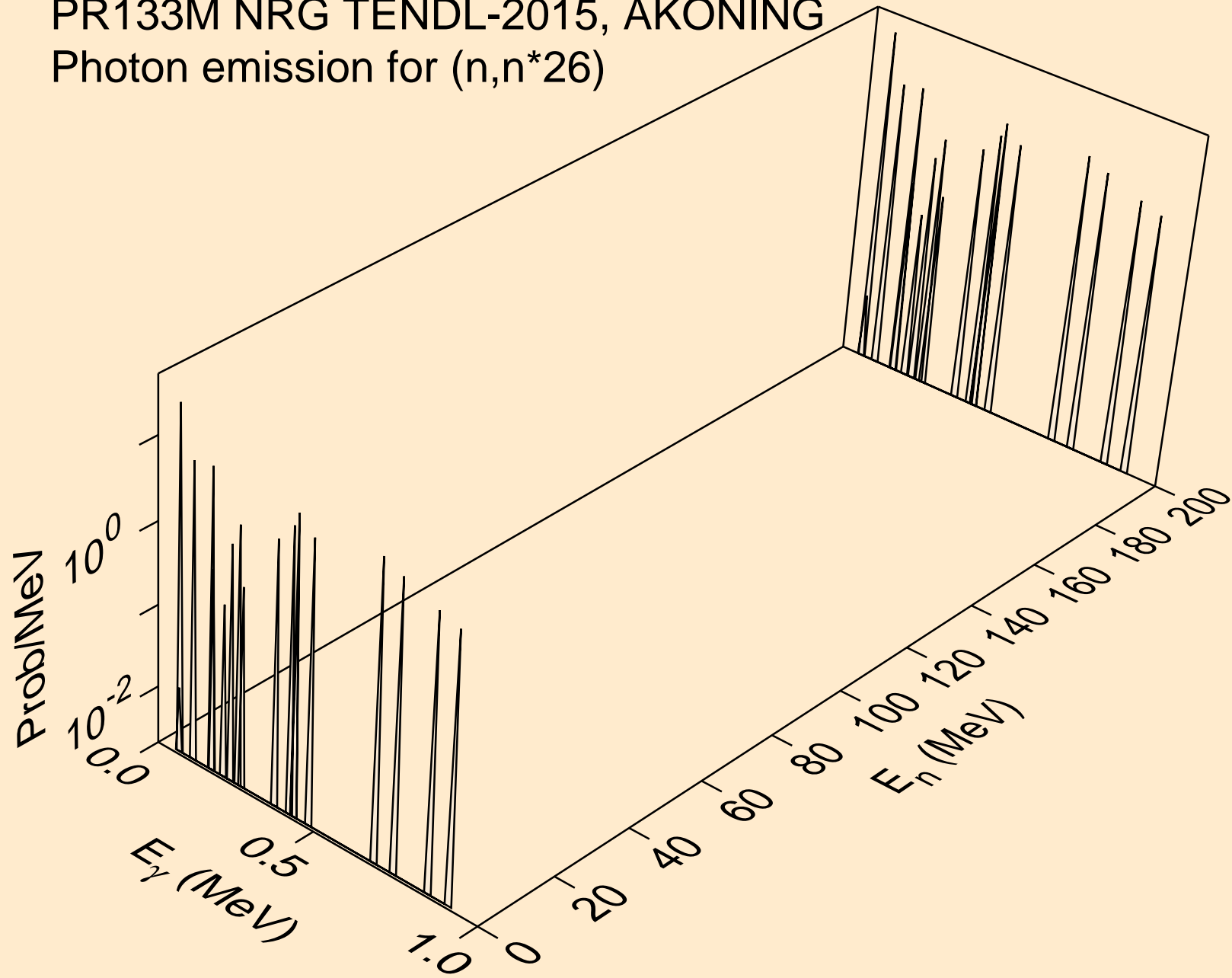
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Photon emission for (n,n\*24)



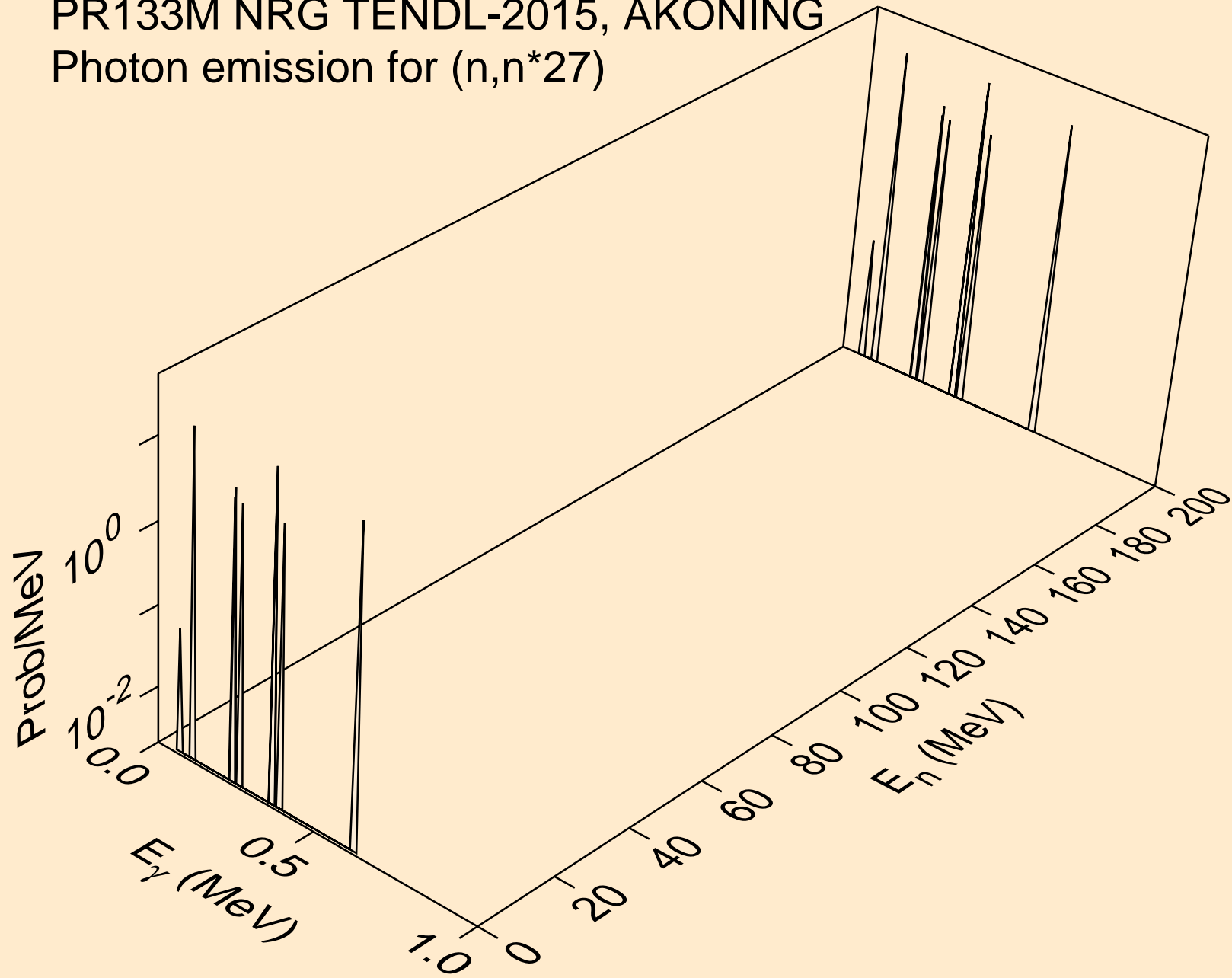
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Photon emission for (n,n\*25)



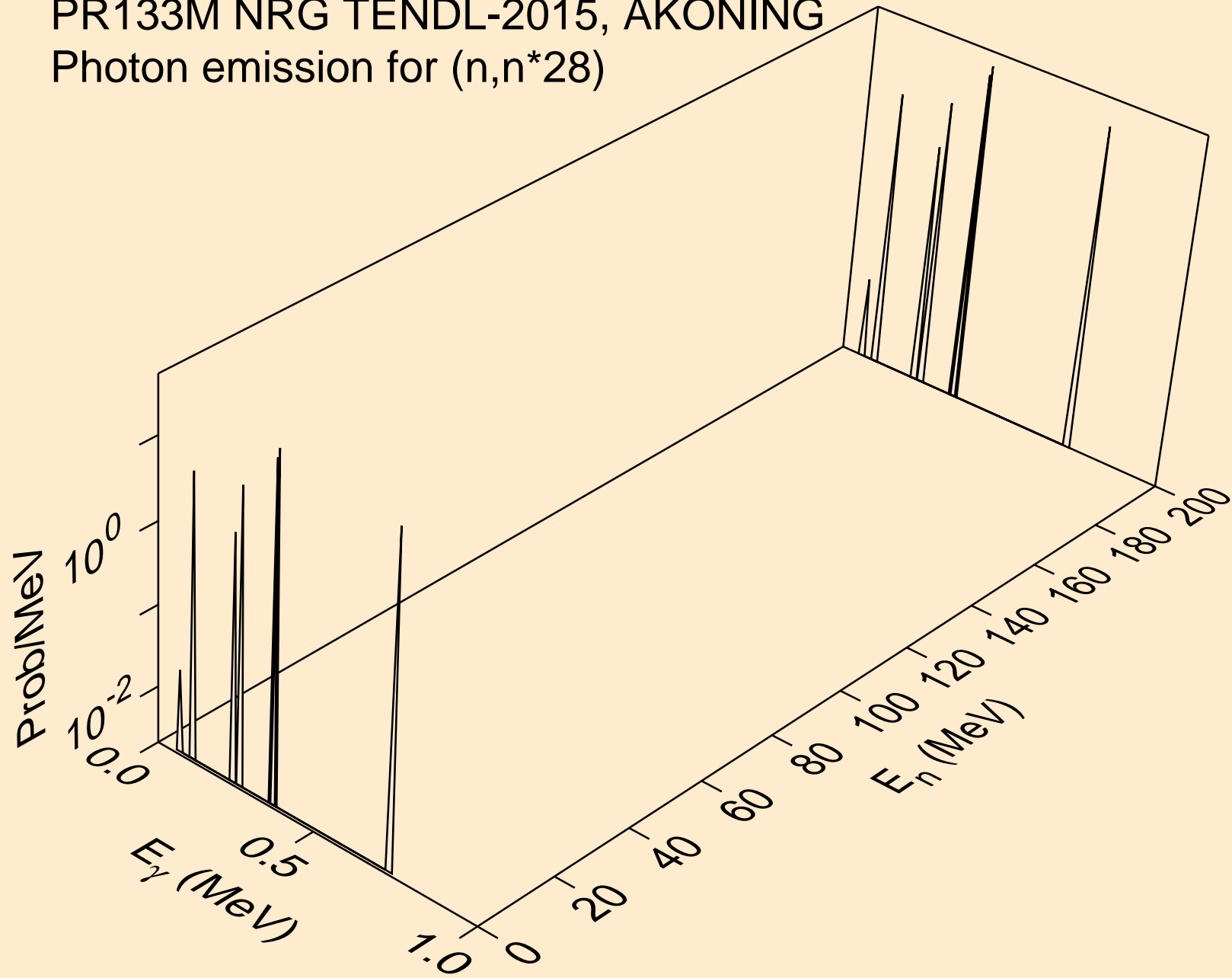
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Photon emission for (n,n\*26)



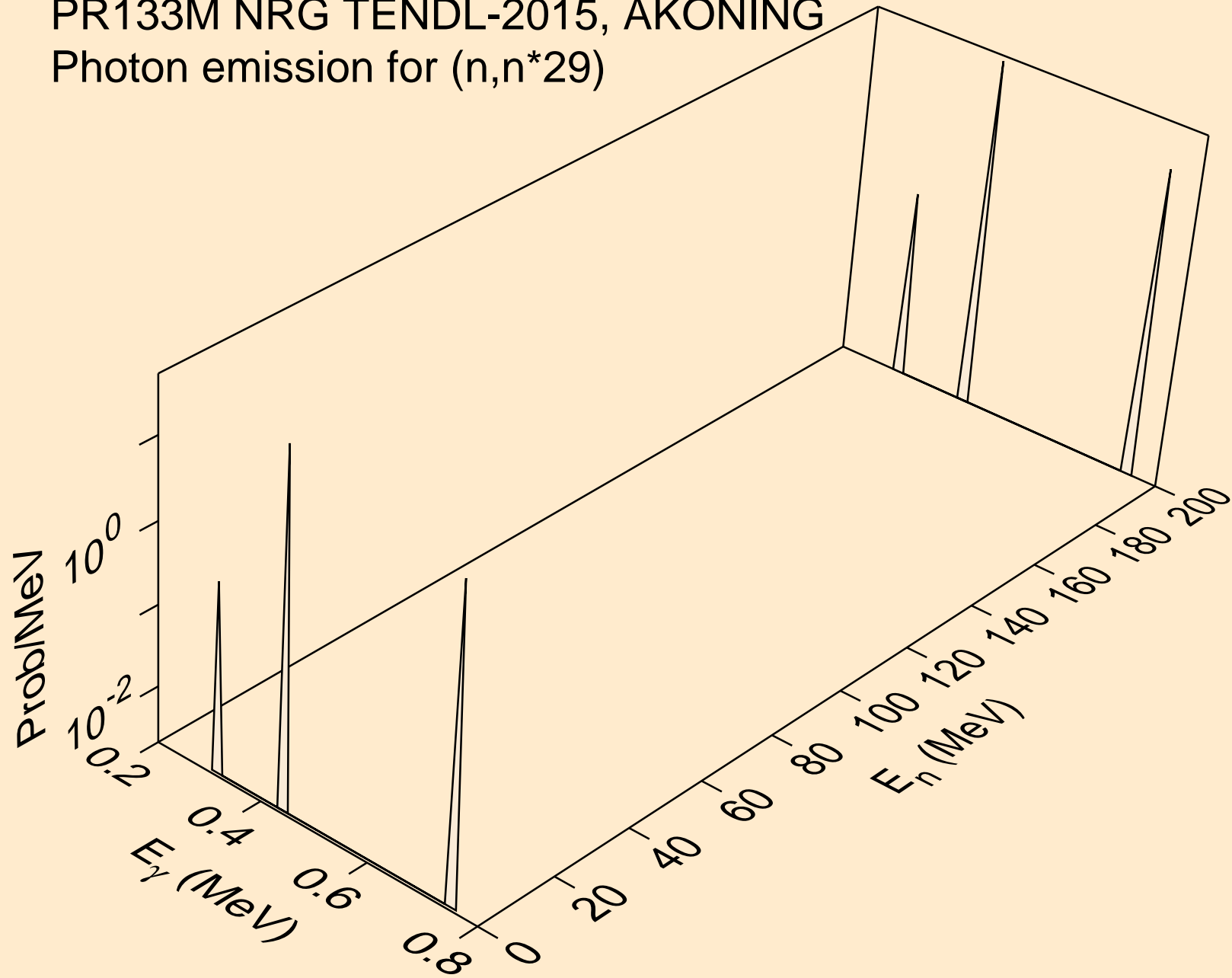
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Photon emission for (n,n\*27)



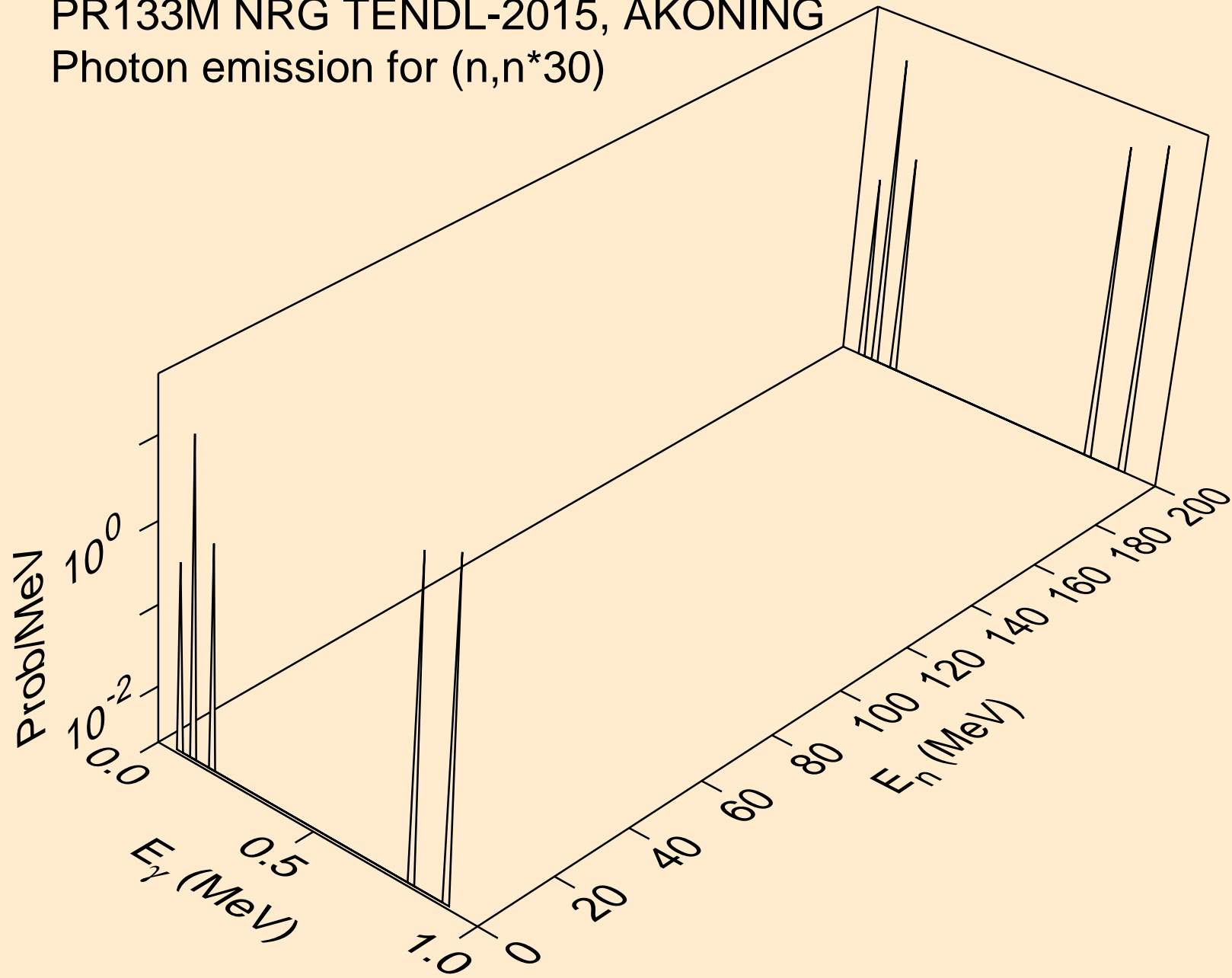
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Photon emission for (n,n\*28)



PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*29)

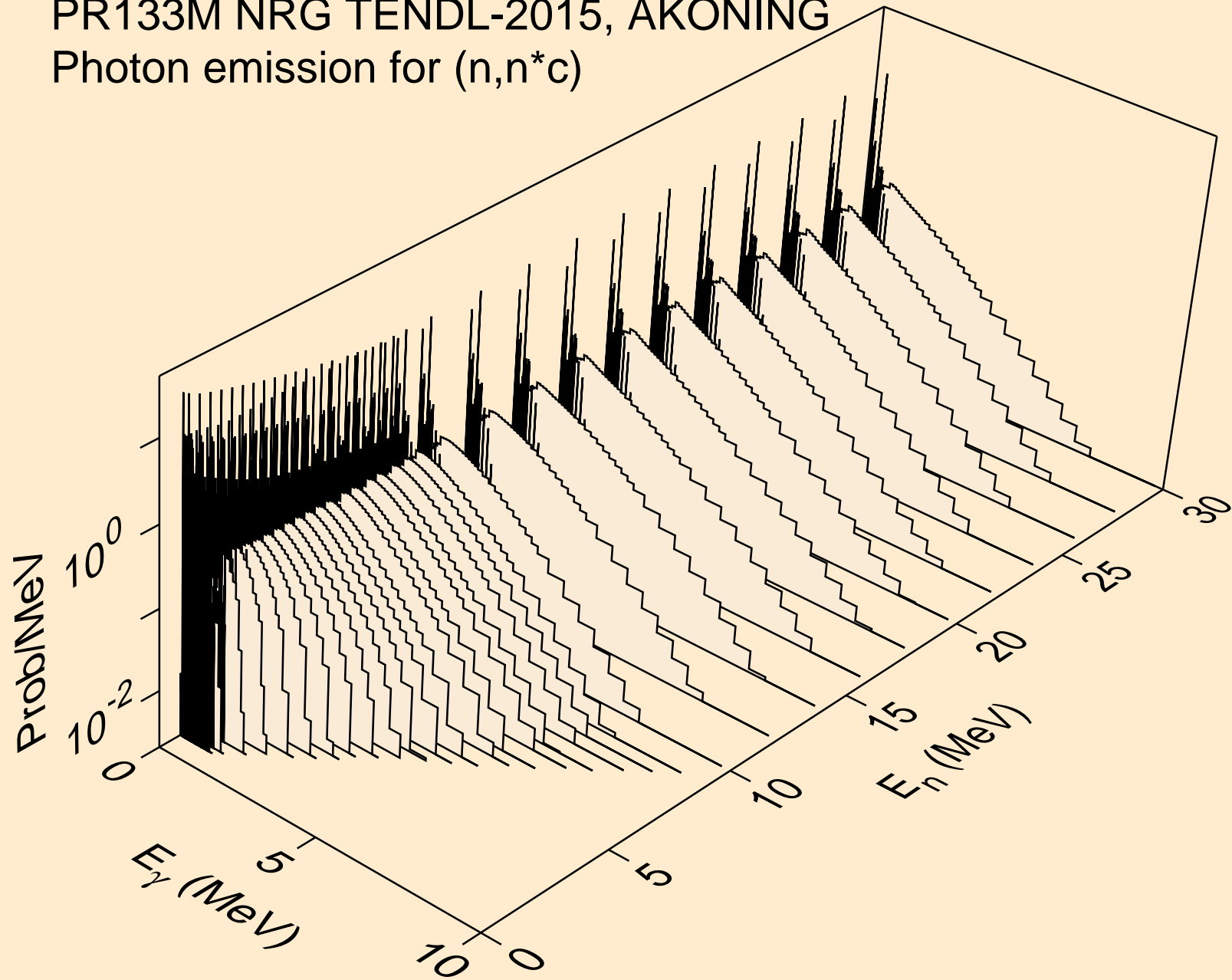


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Photon emission for (n,n\*30)

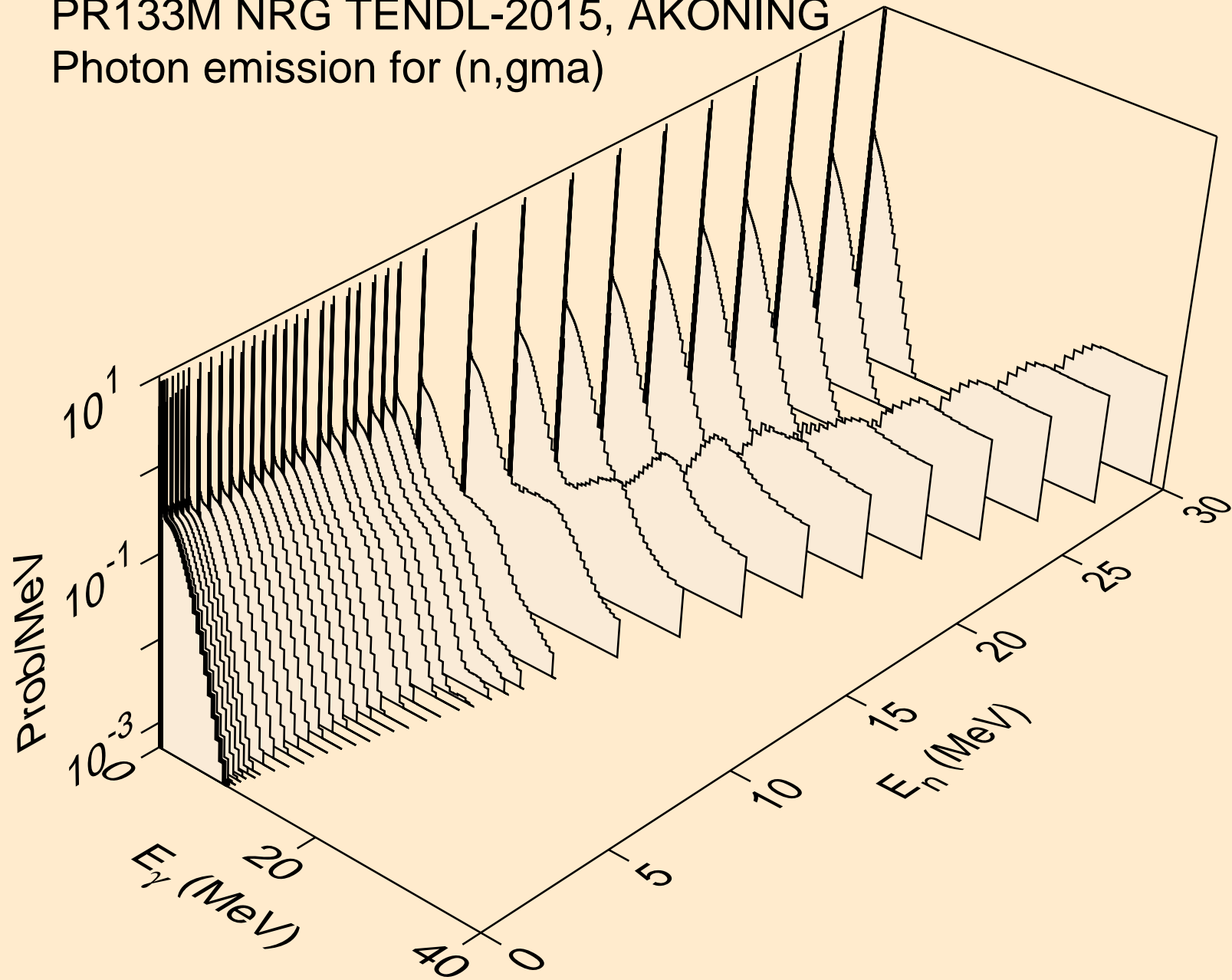




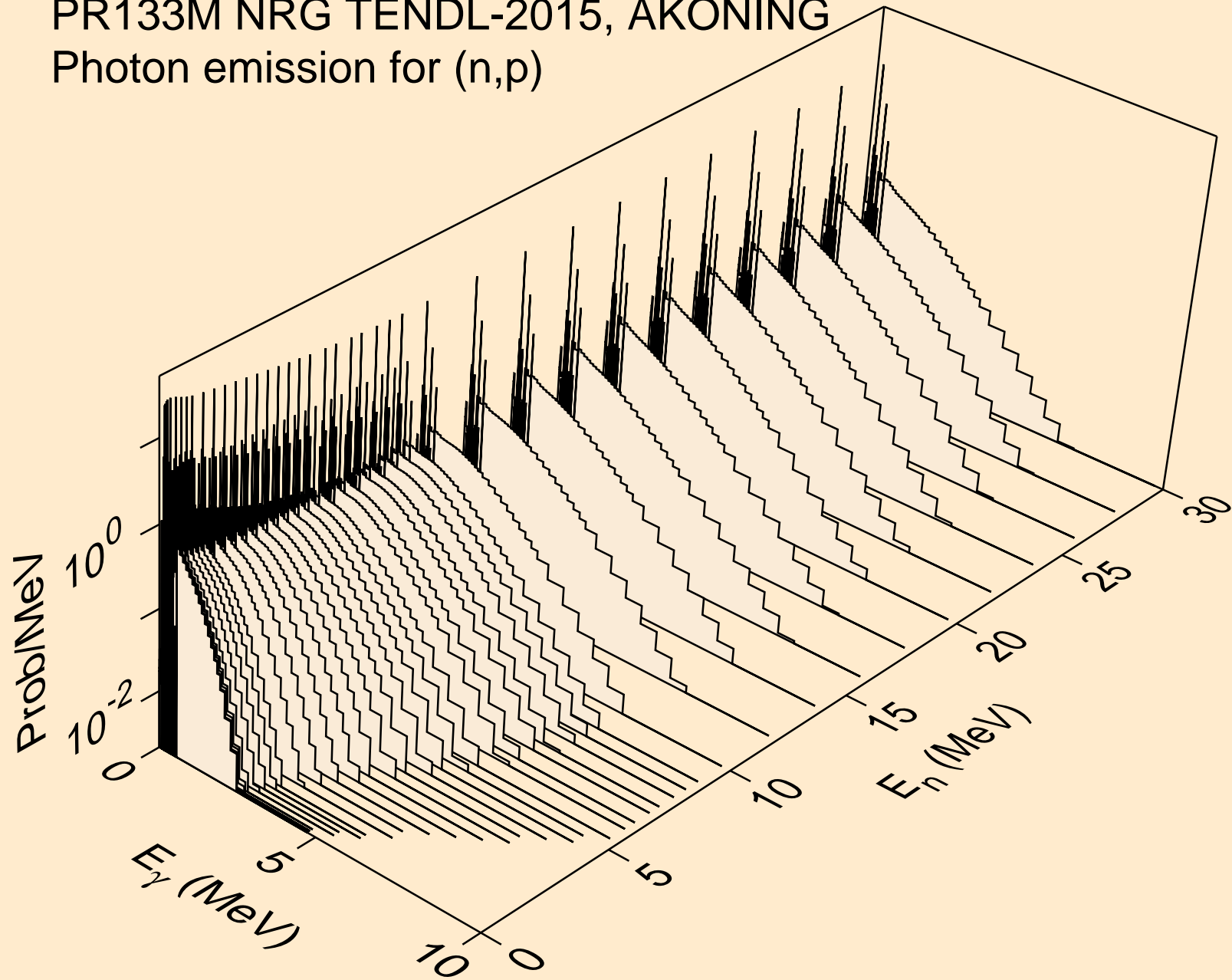
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Photon emission for (n,n\*c)



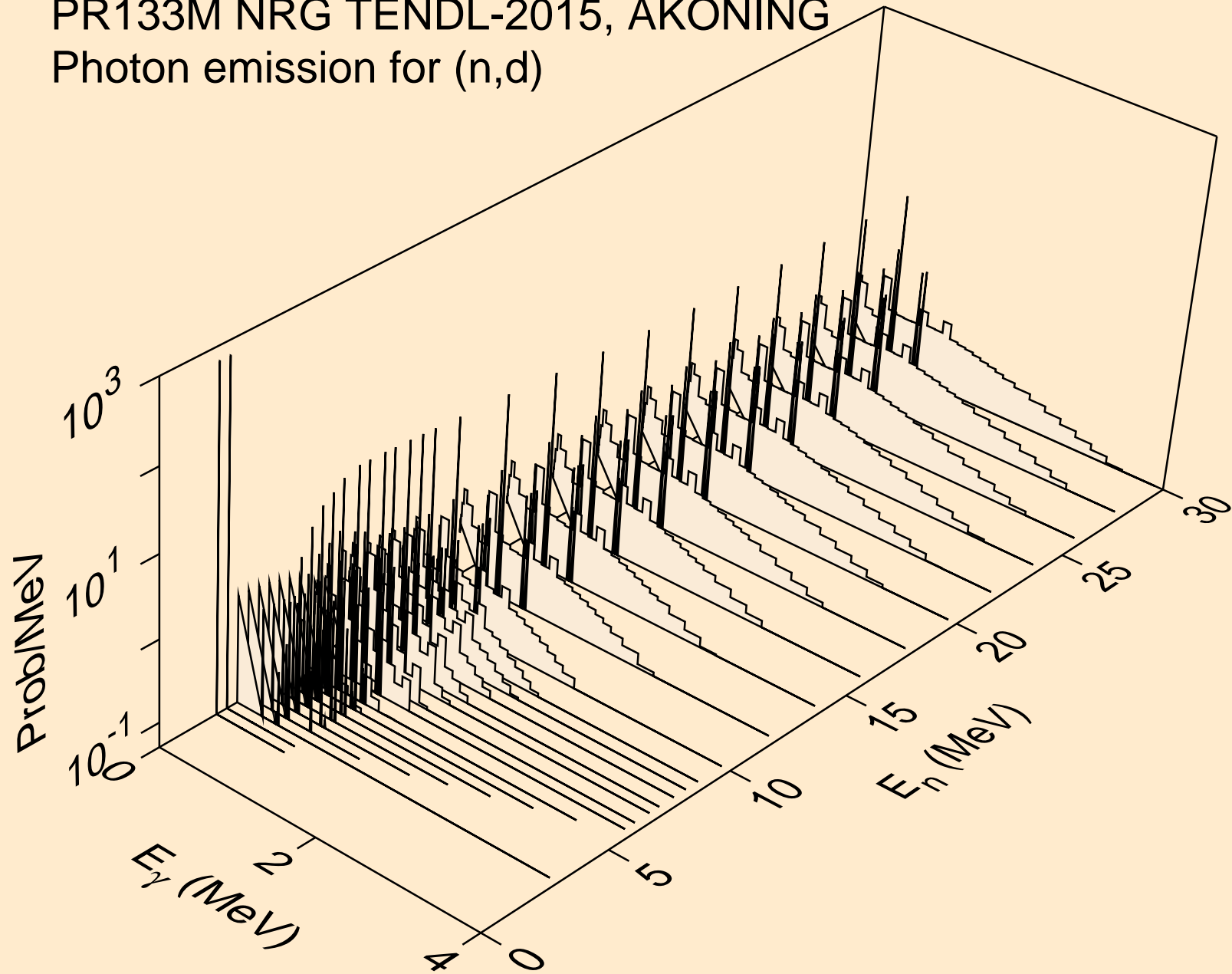
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Photon emission for (n,gma)



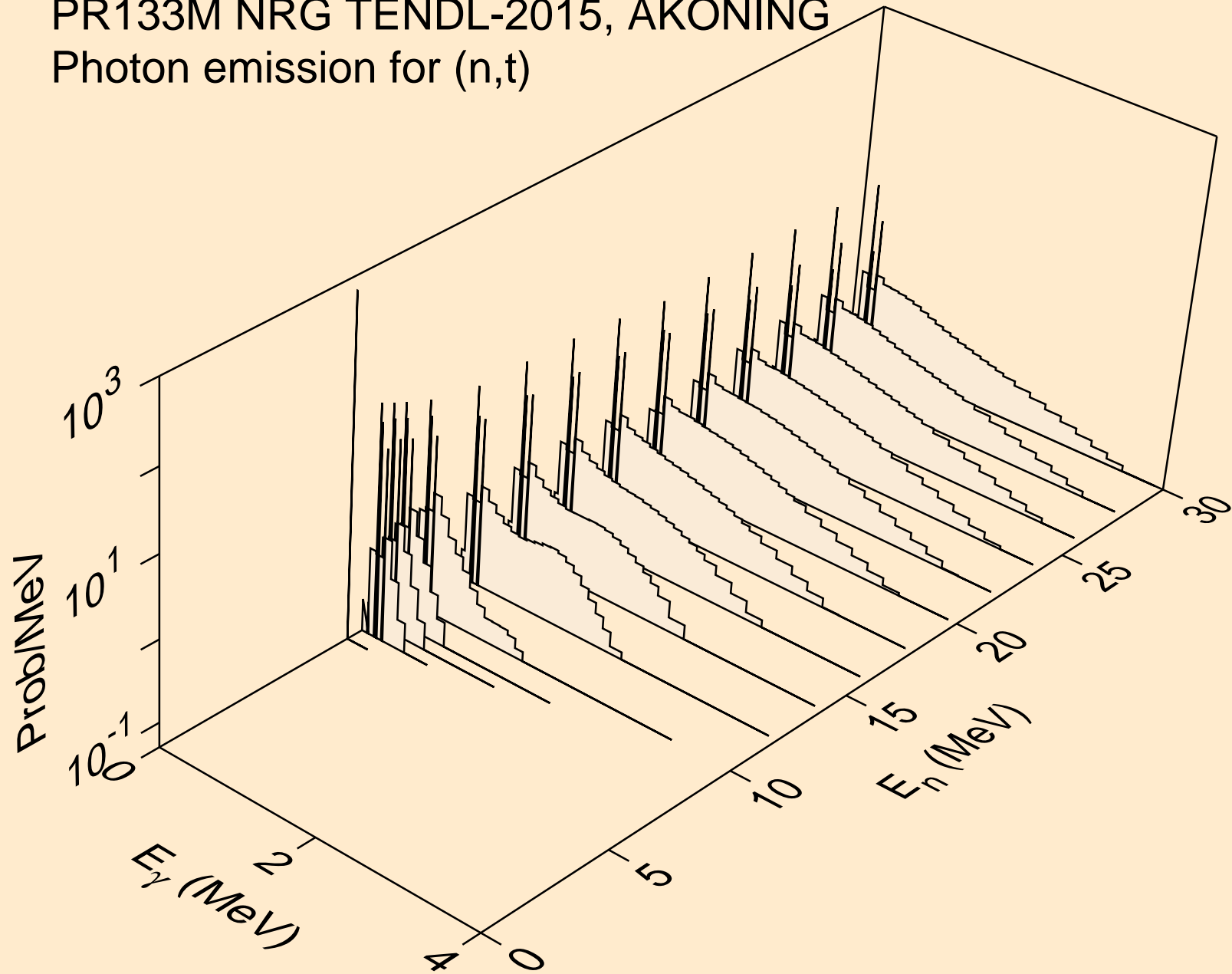
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Photon emission for (n,p)



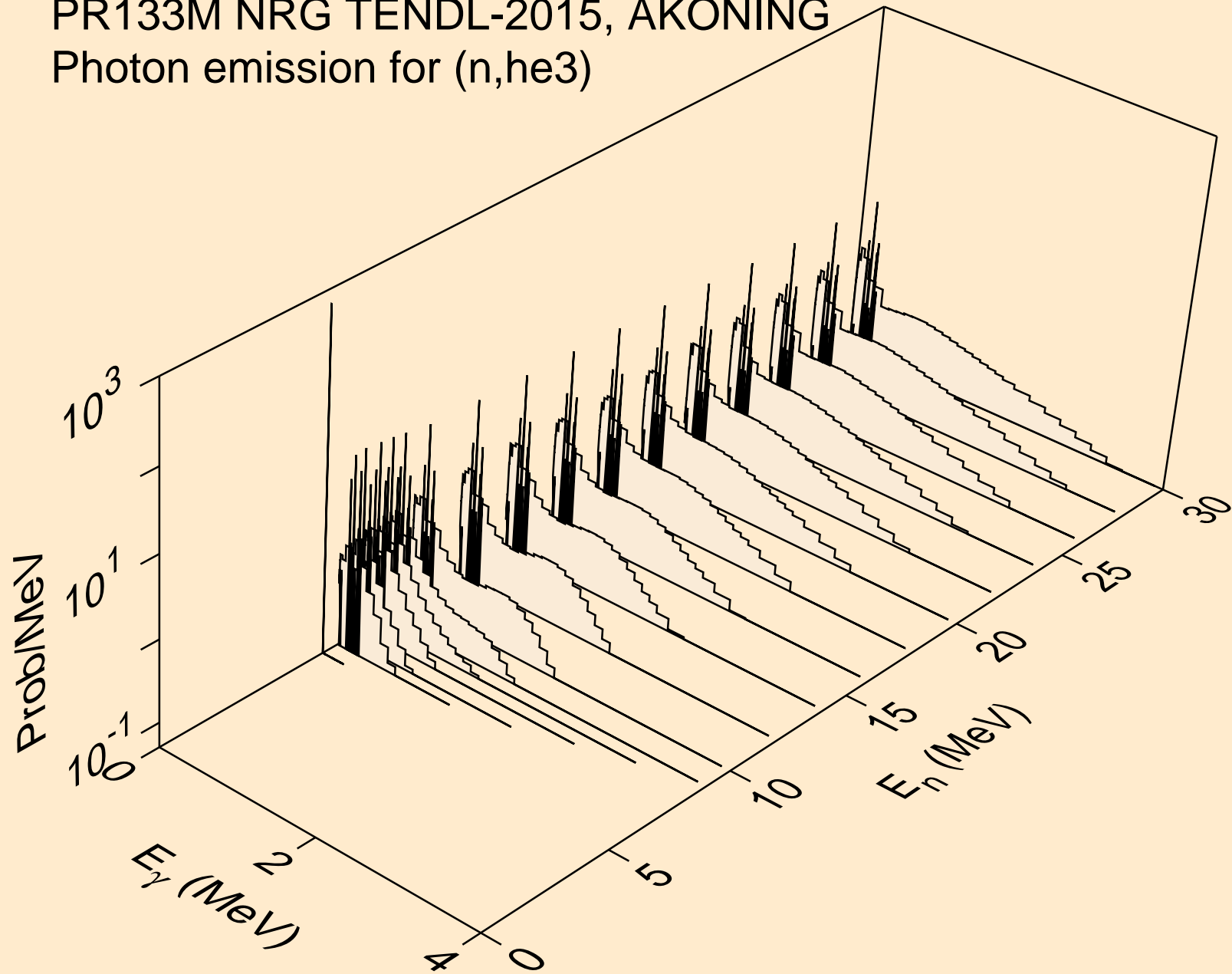
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Photon emission for (n,d)



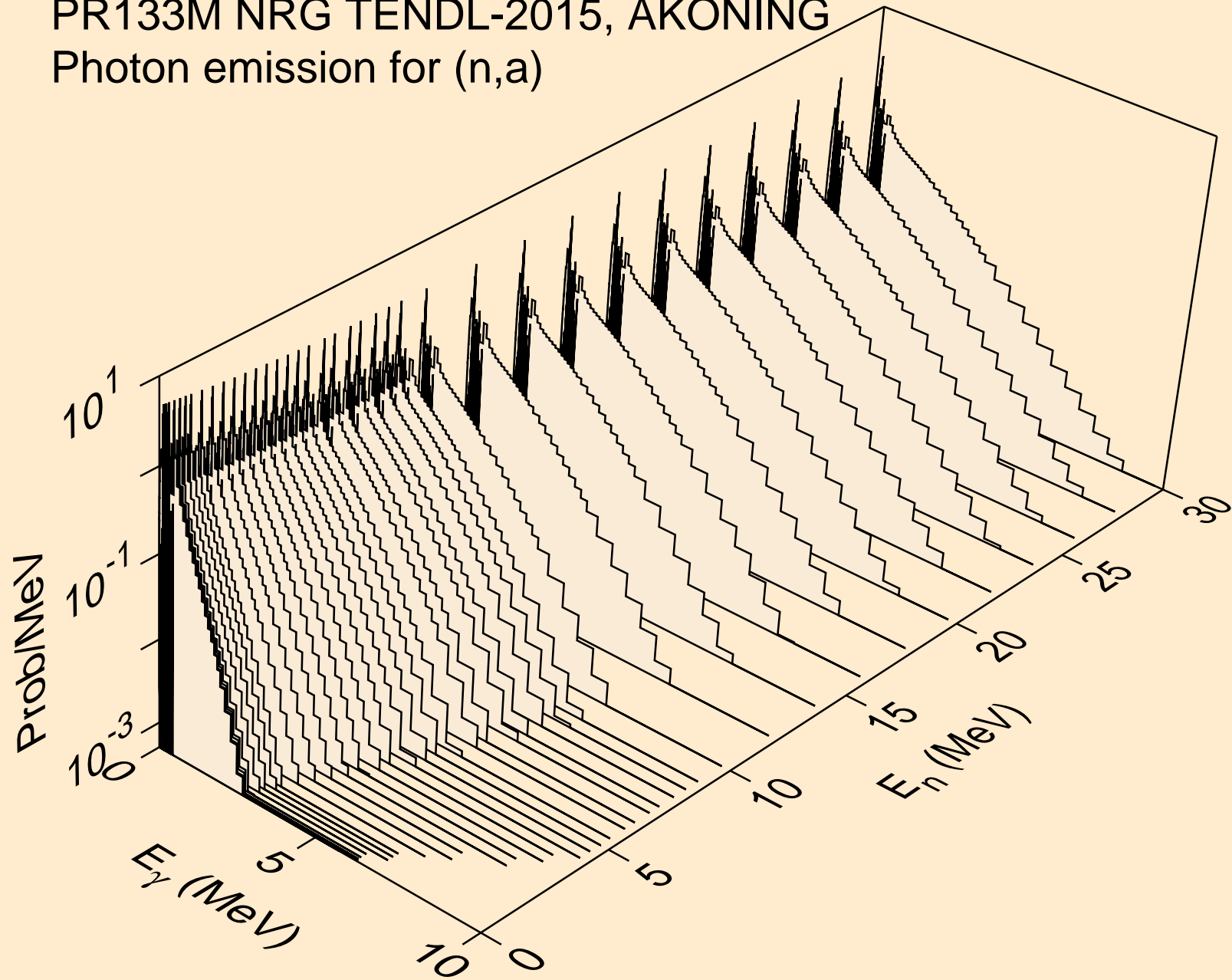
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Photon emission for (n,t)



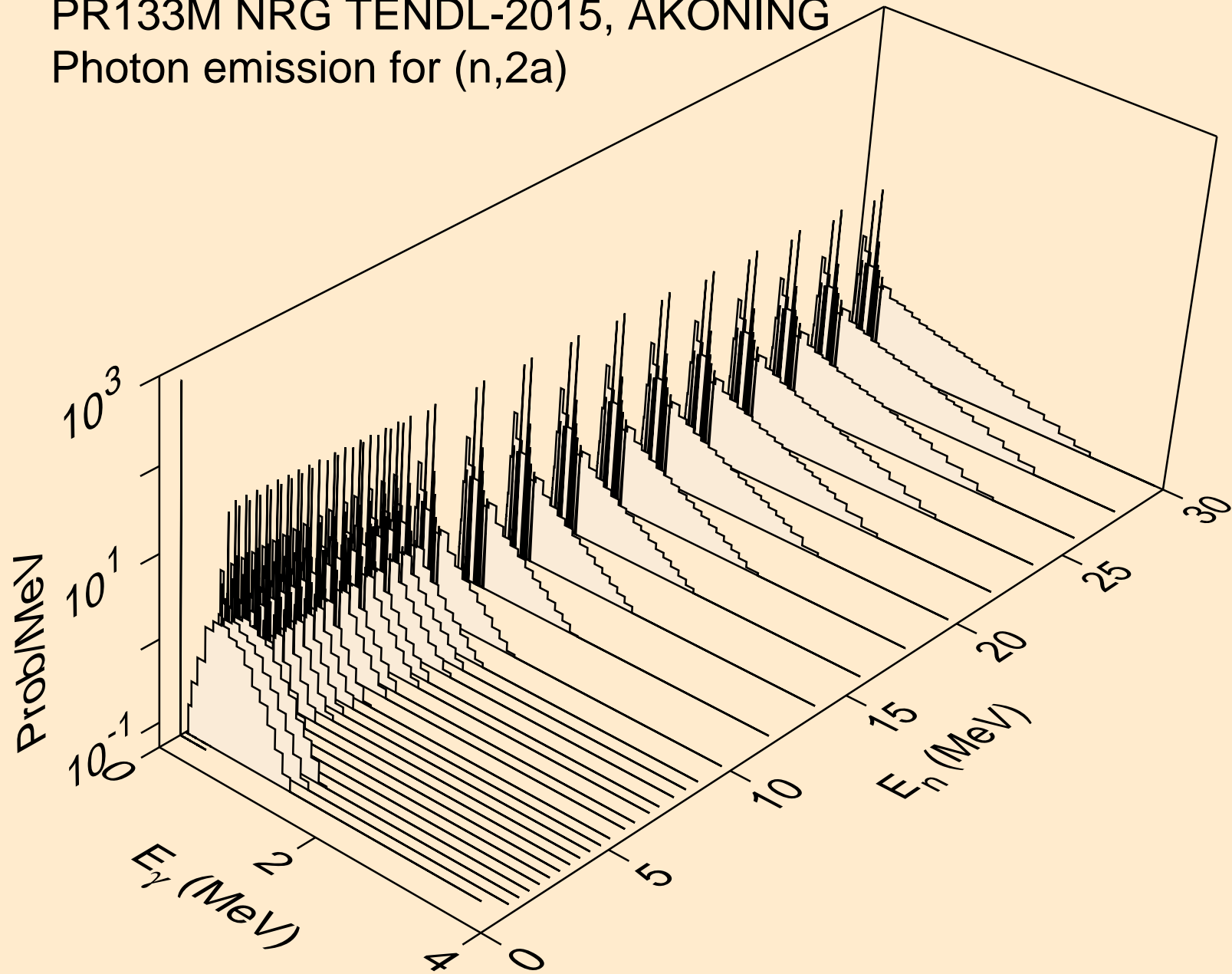
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Photon emission for (n,he3)



PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,a)

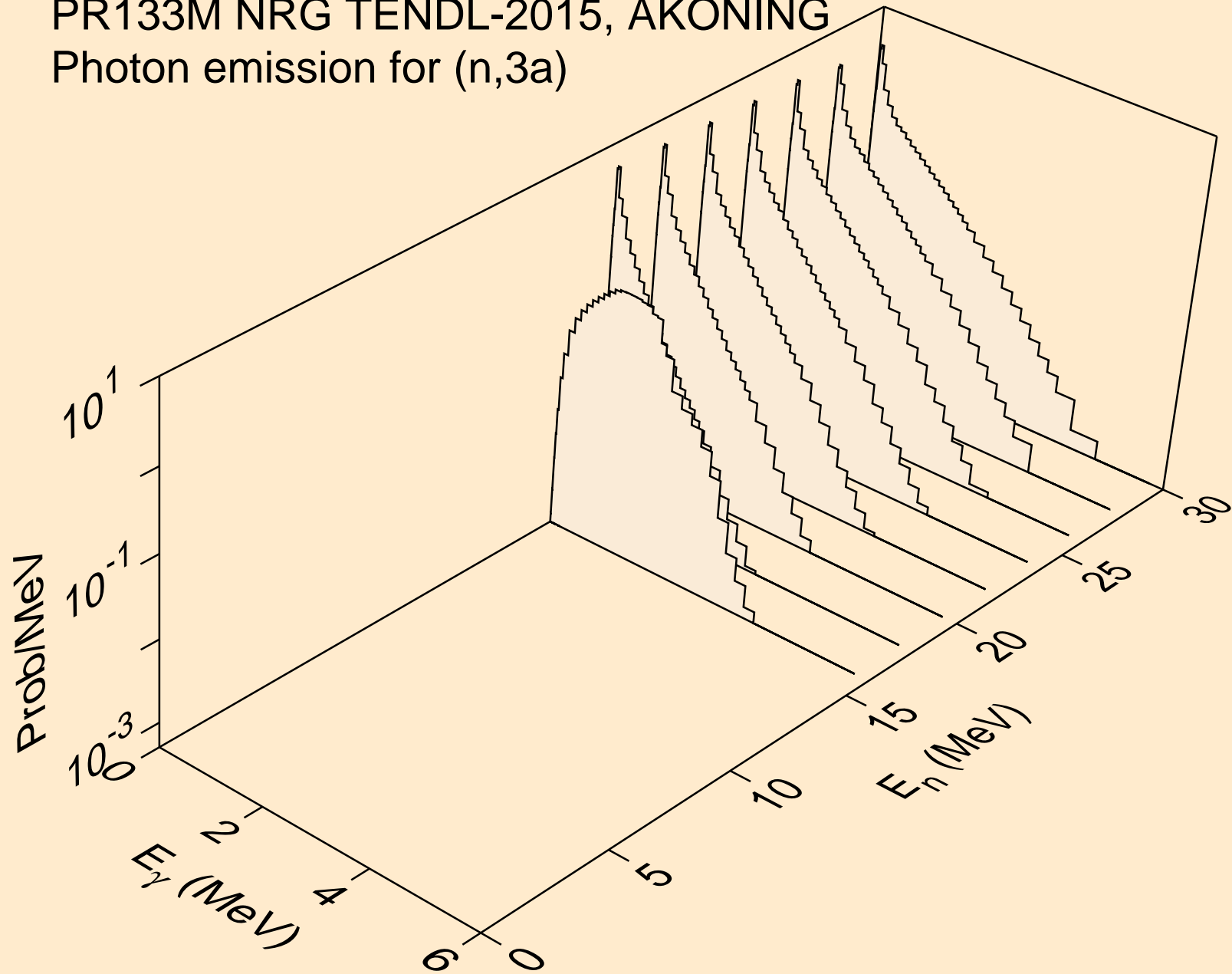


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Photon emission for (n,2a)

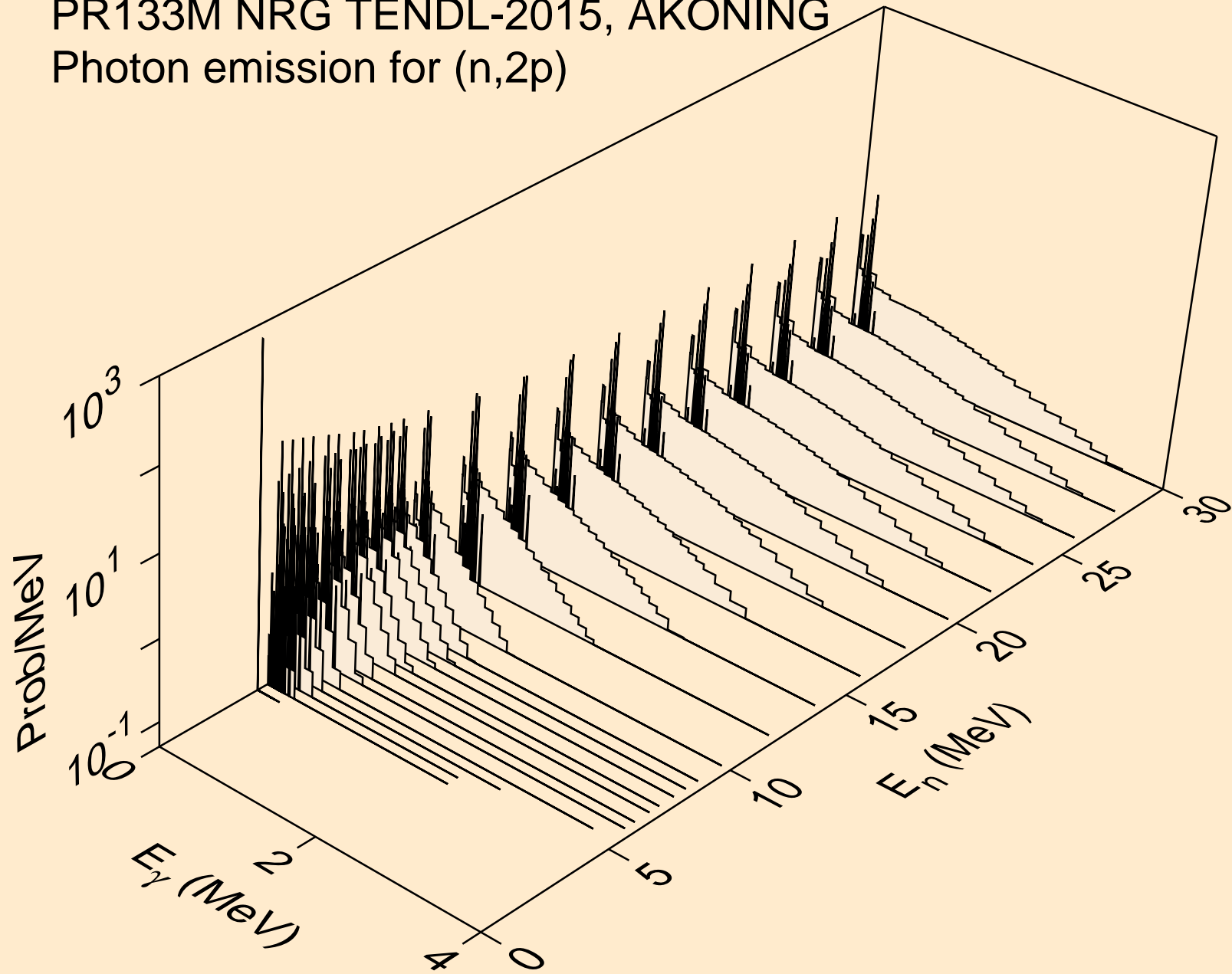




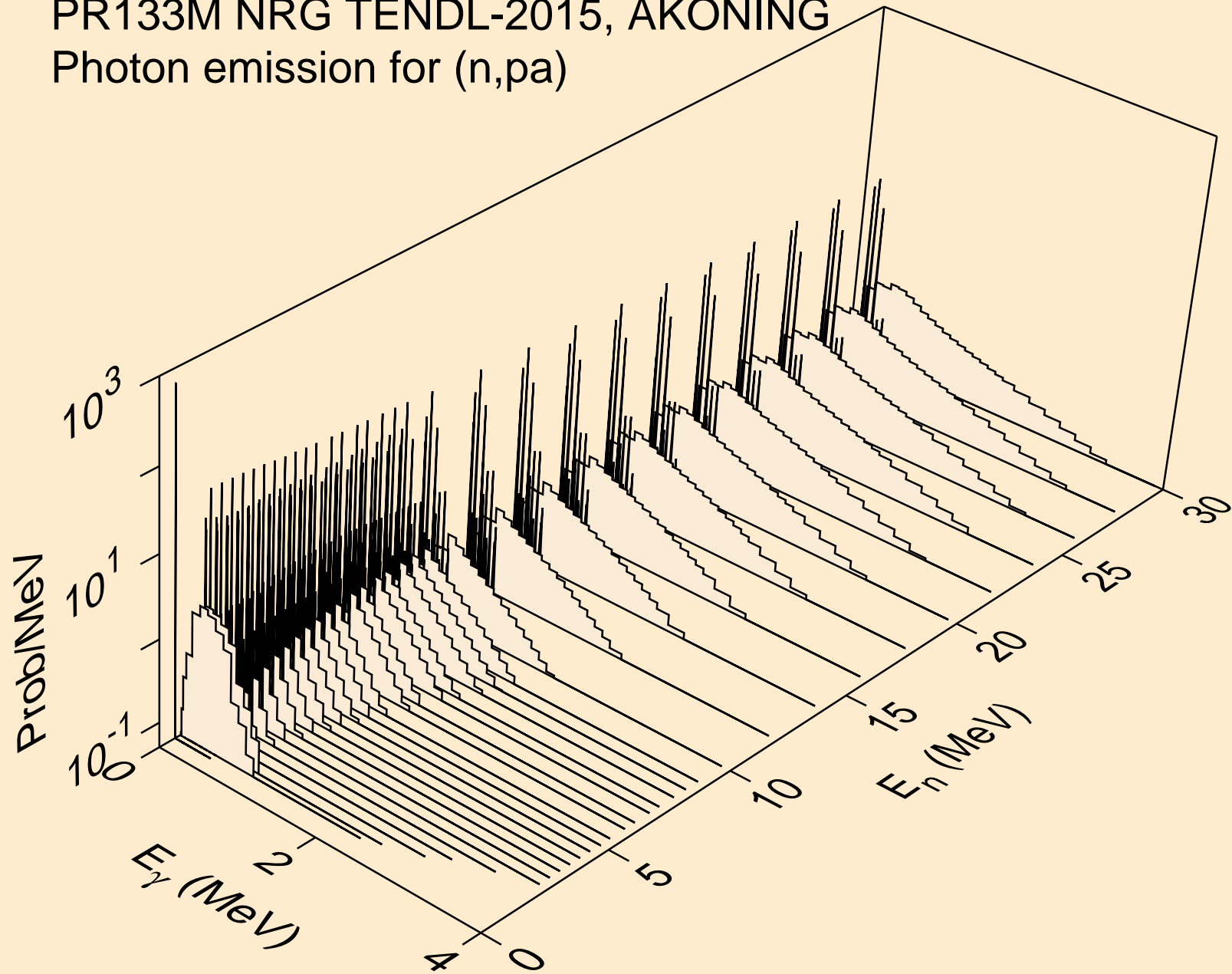
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Photon emission for (n,3a)



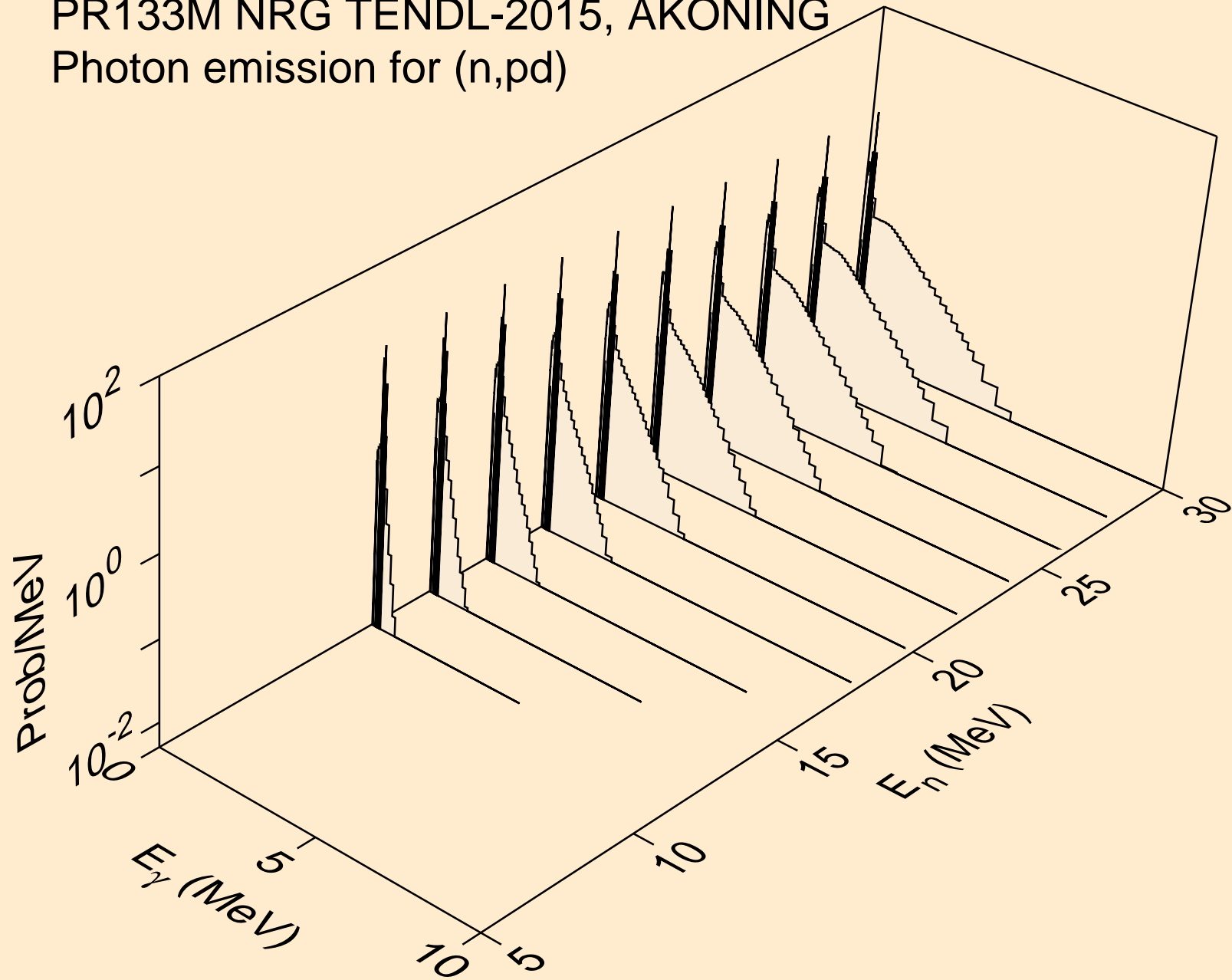
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Photon emission for (n,2p)



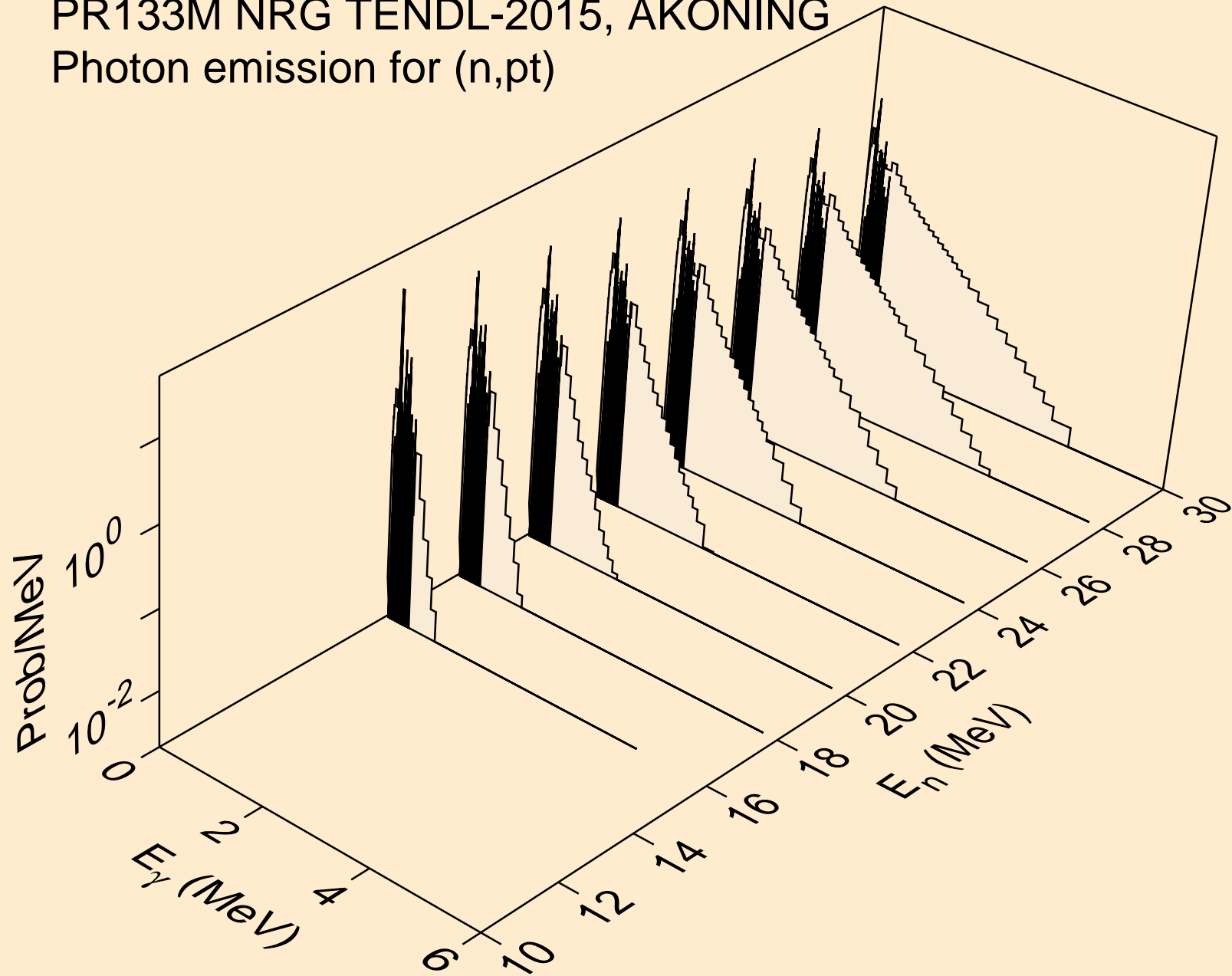
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Photon emission for (n,p)



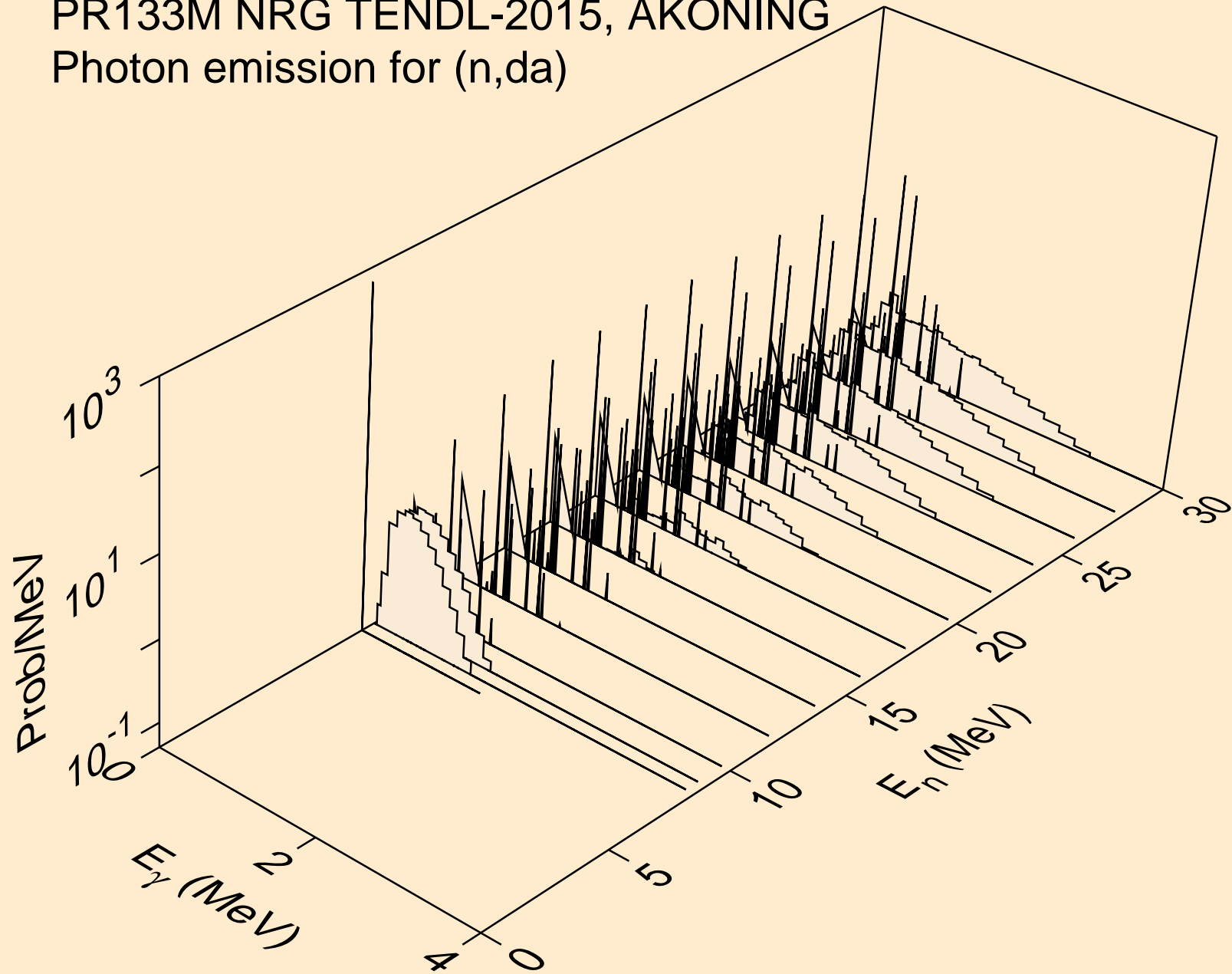
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Photon emission for (n,pd)



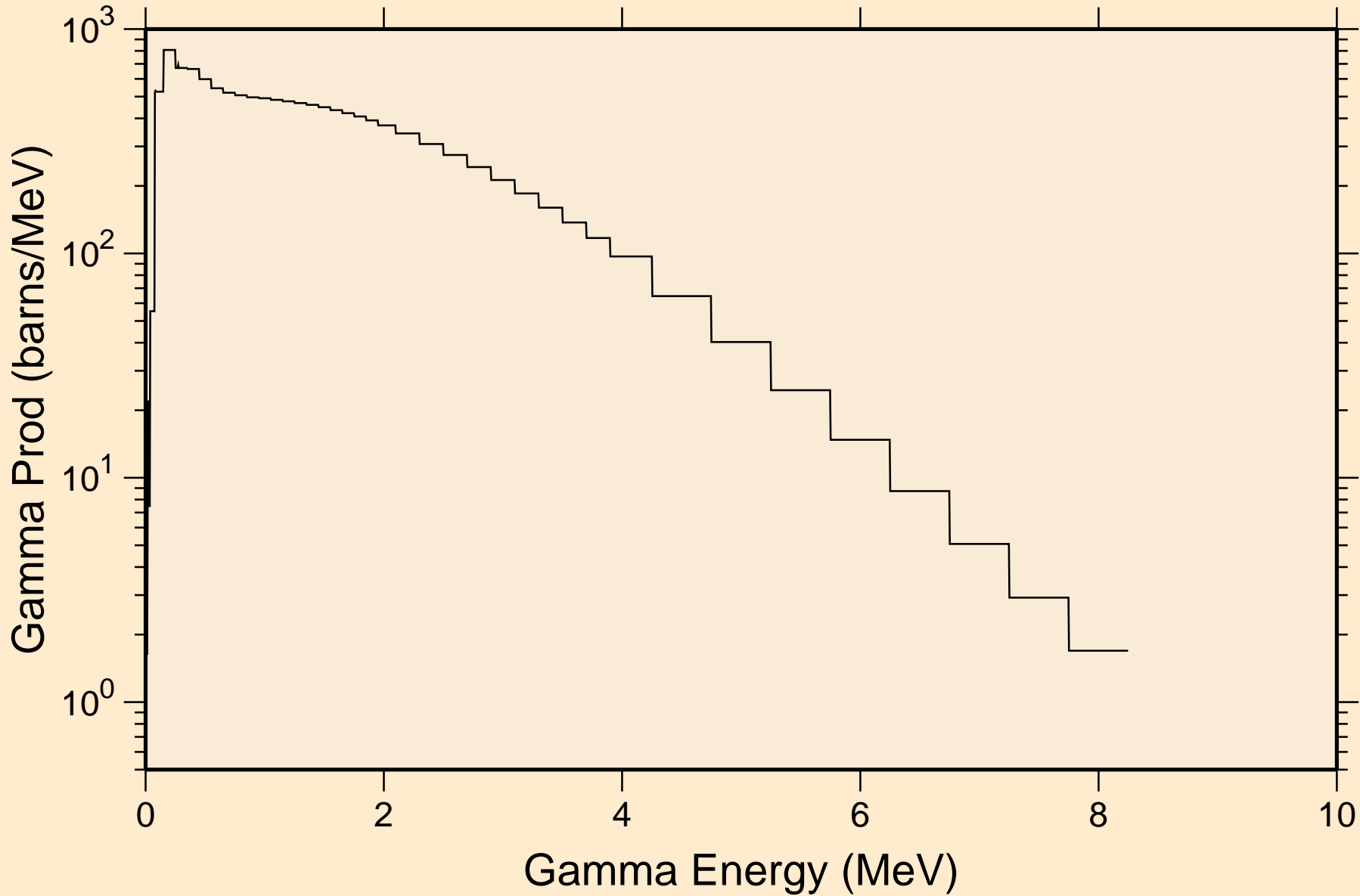
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Photon emission for (n,pt)



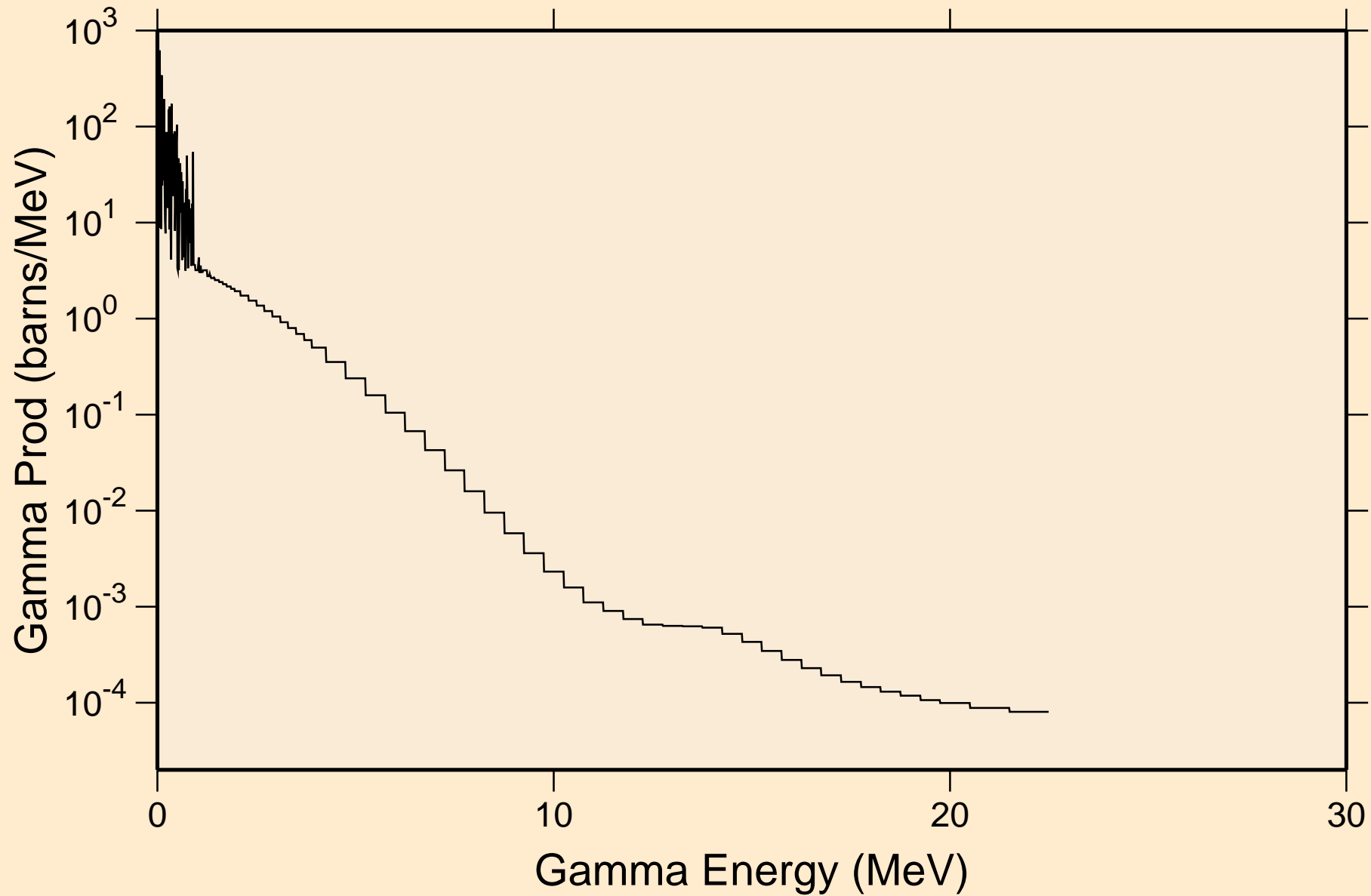
PR133M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PR133M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



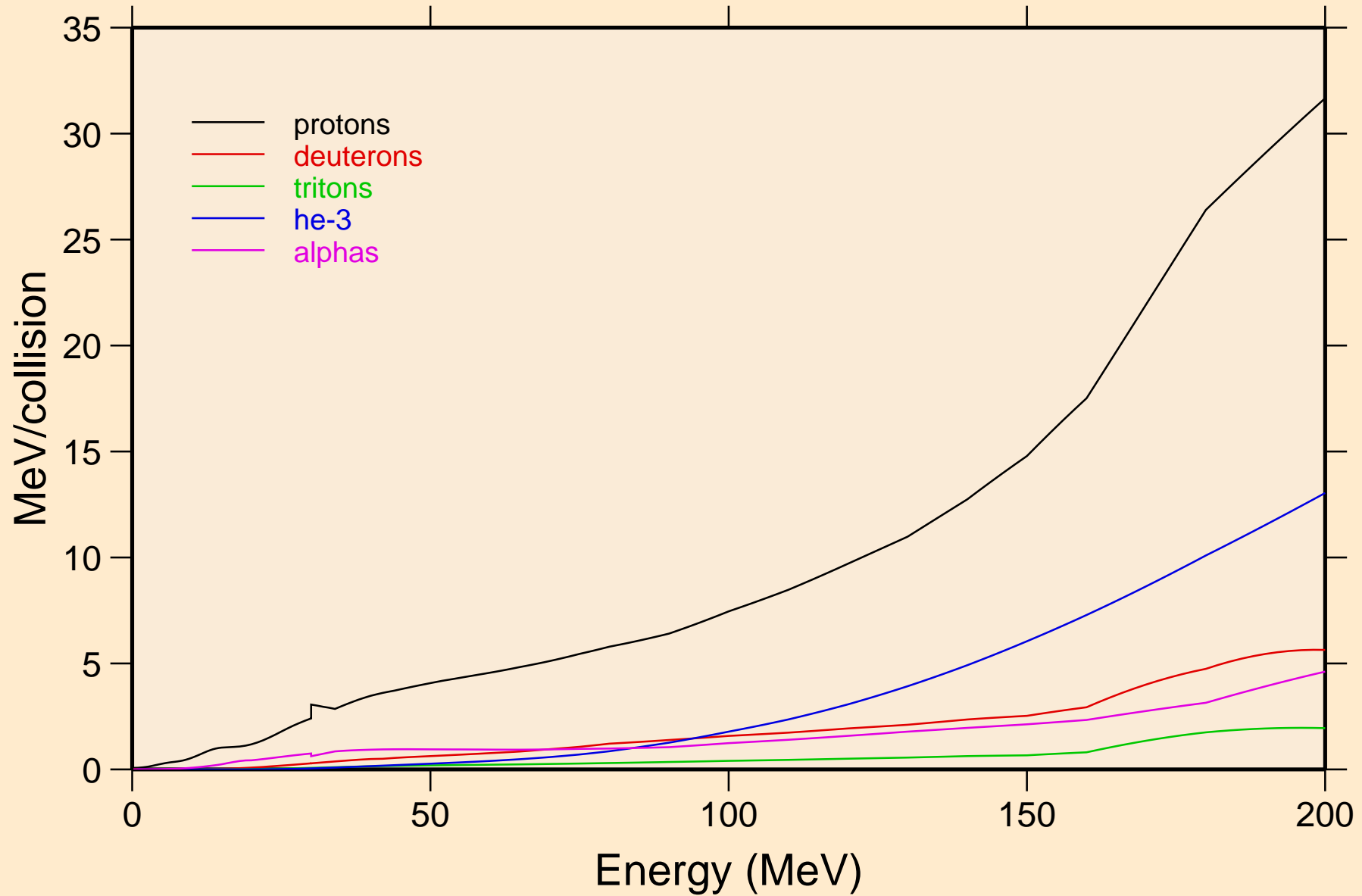
PR133M NRG TENDL-2015, AKONING  
14 MeV photon spectrum





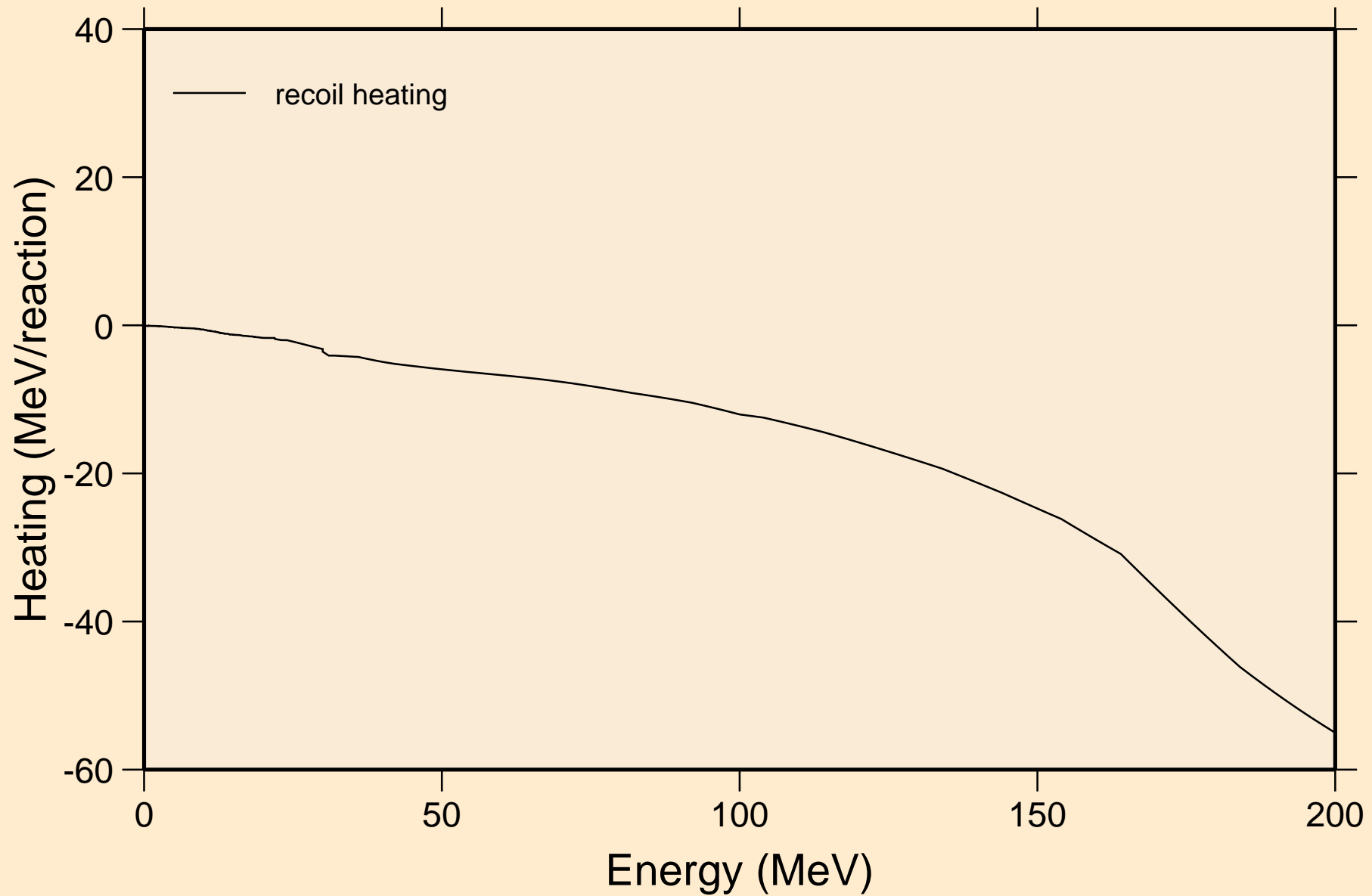
# PR133M NRG TENDL-2015, AKONING

## Particle heating contributions



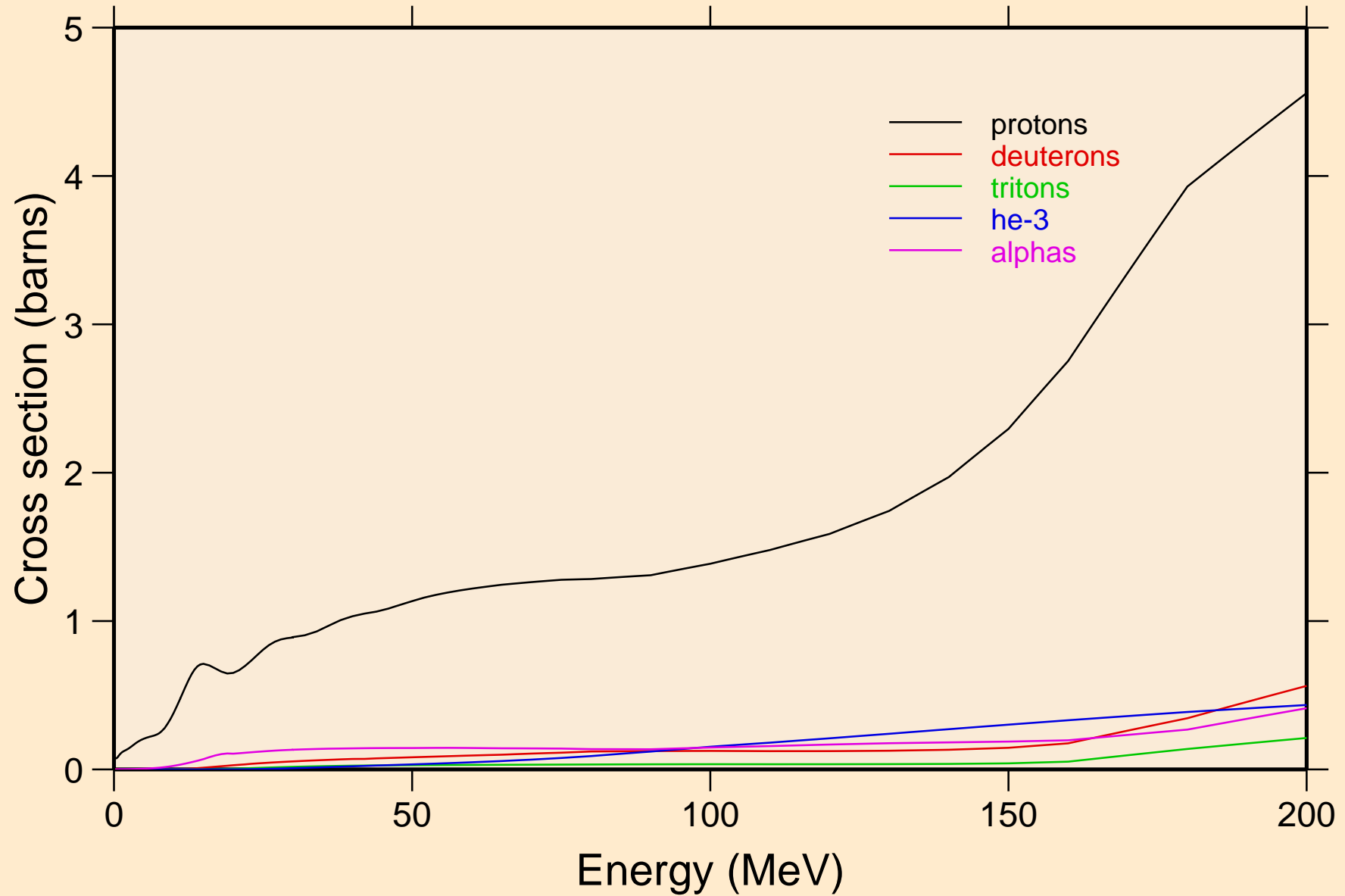
# PR133M NRG TENDL-2015, AKONING

## Recoil Heating

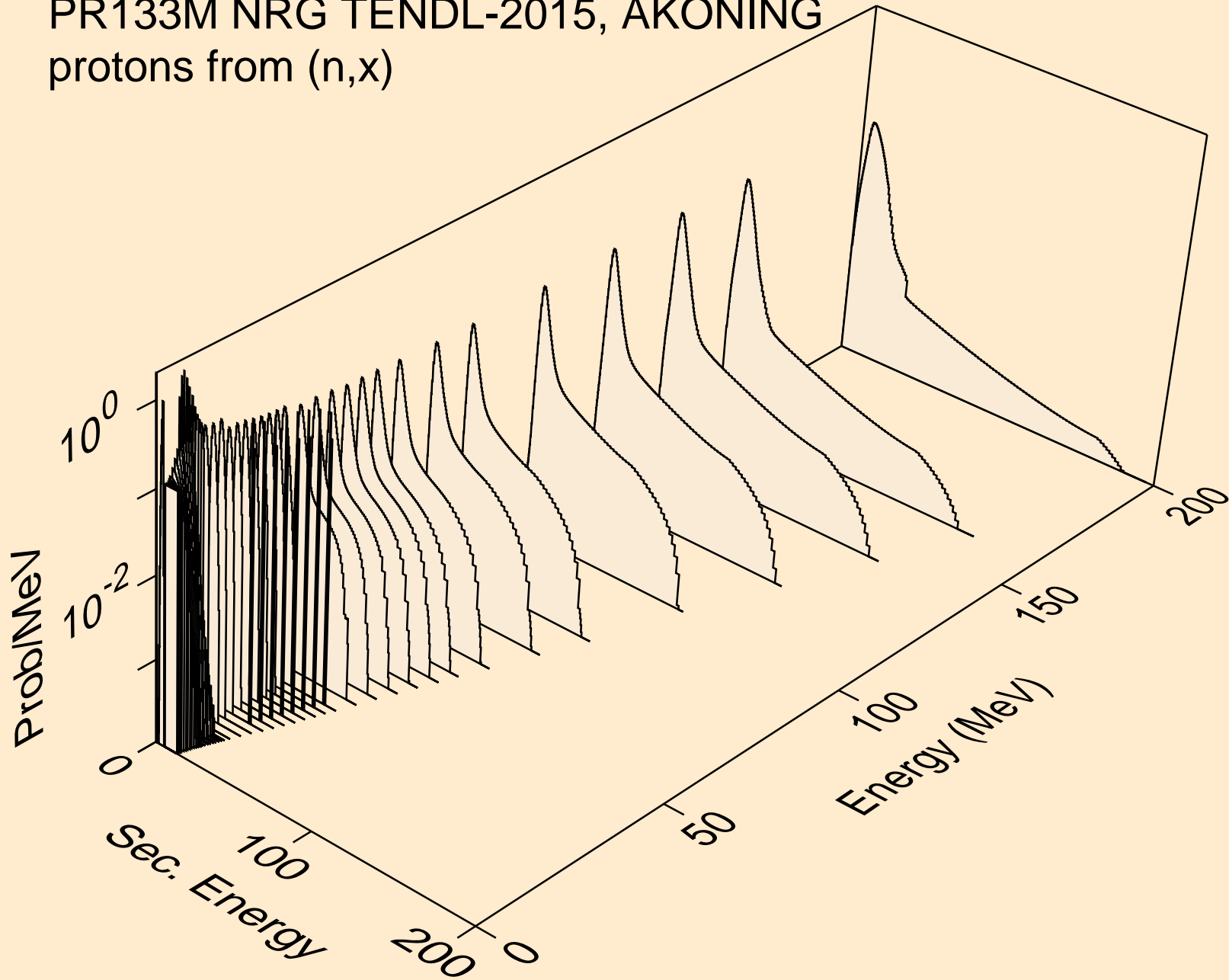


# PR133M NRG TENDL-2015, AKONING

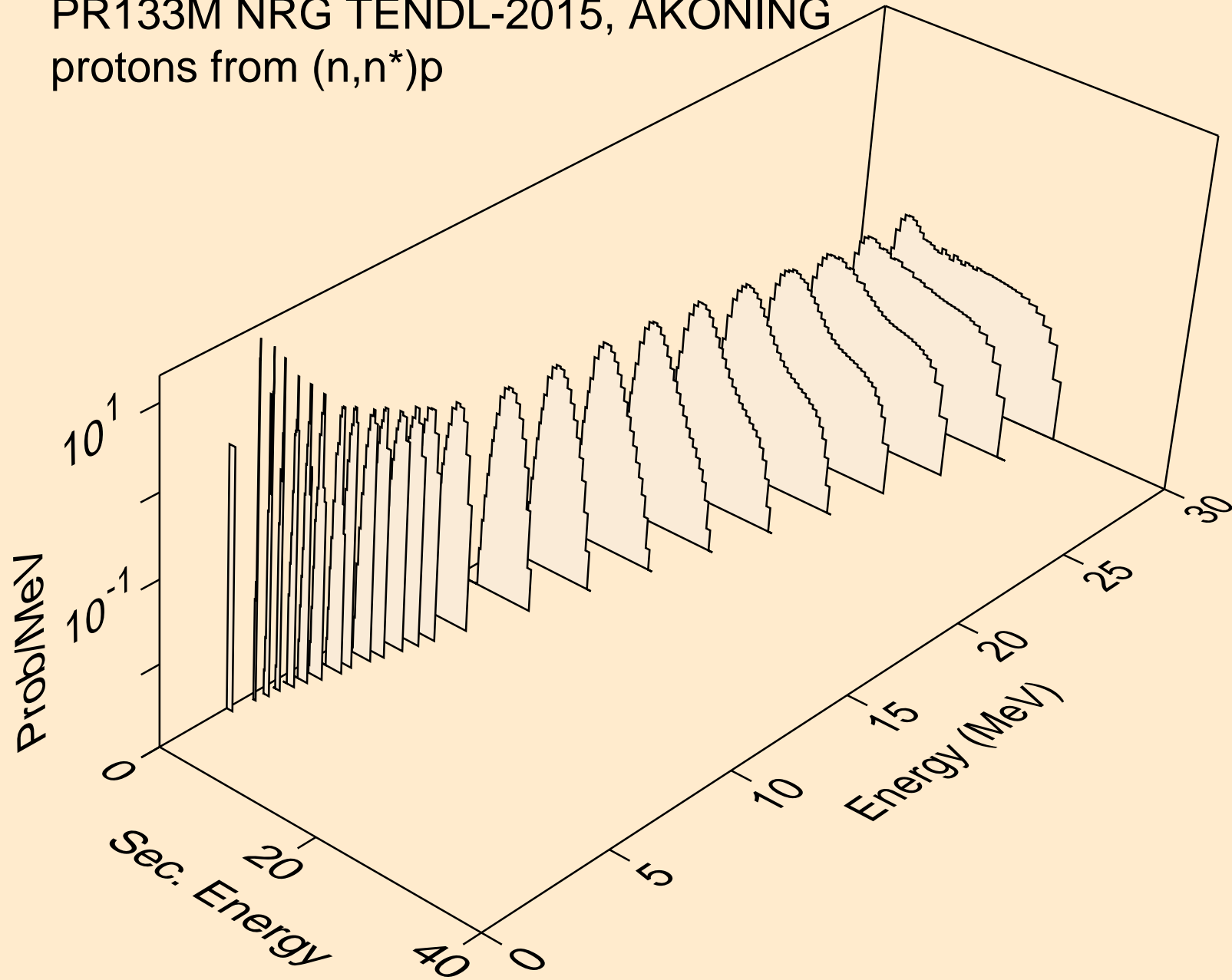
## Particle production cross sections



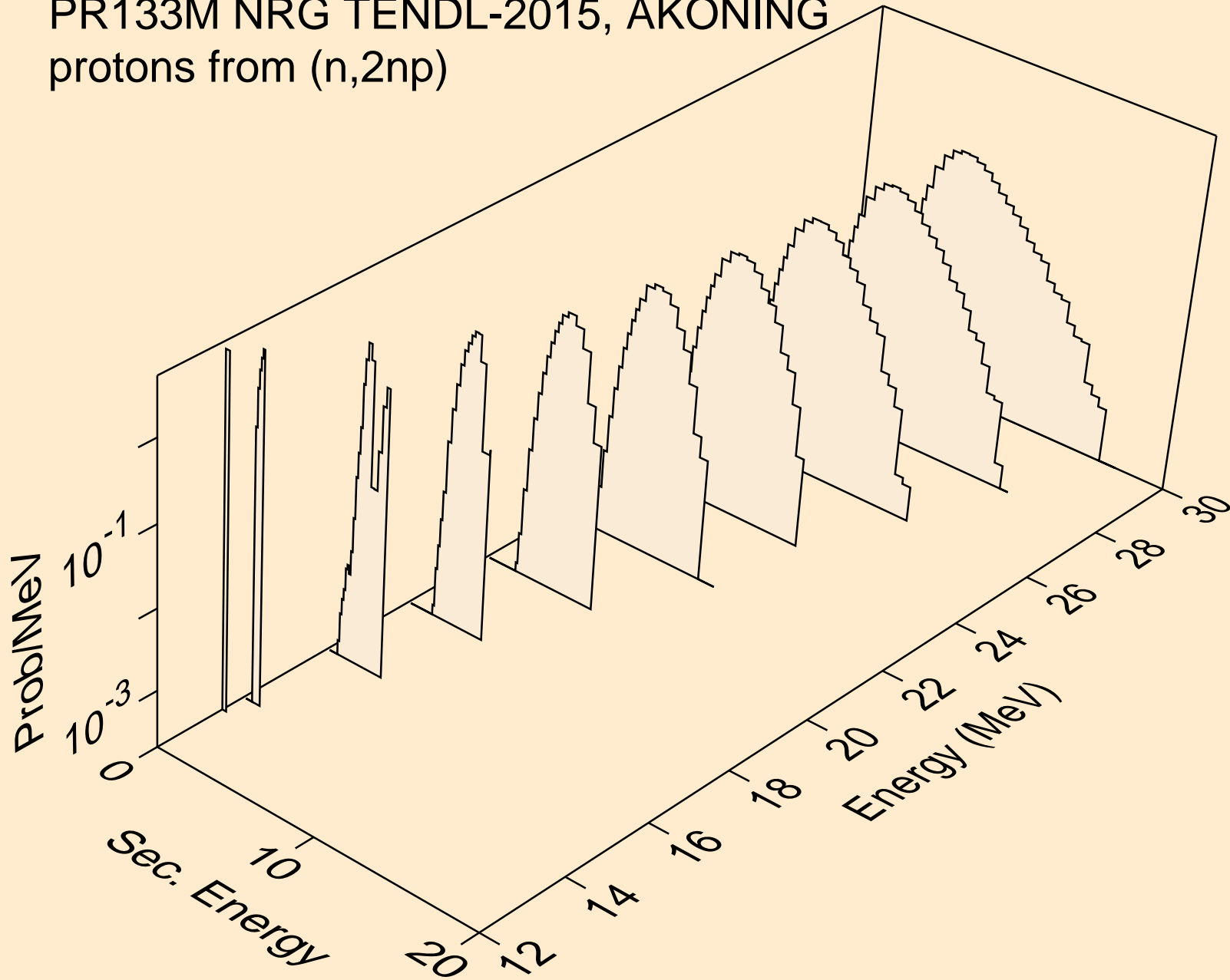
PR133M NRG TENDL-2015, AKONING  
protons from (n,x)



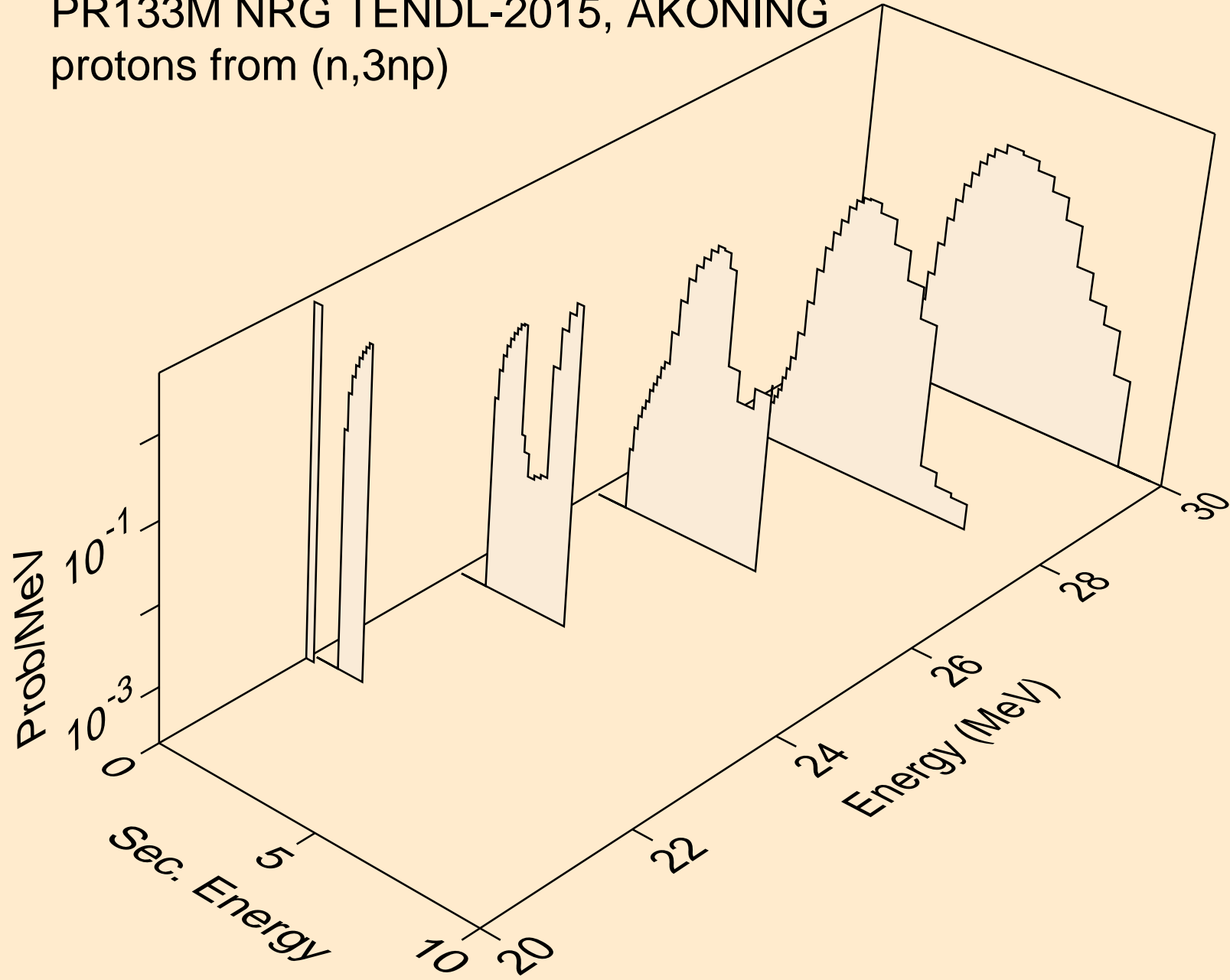
PR133M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



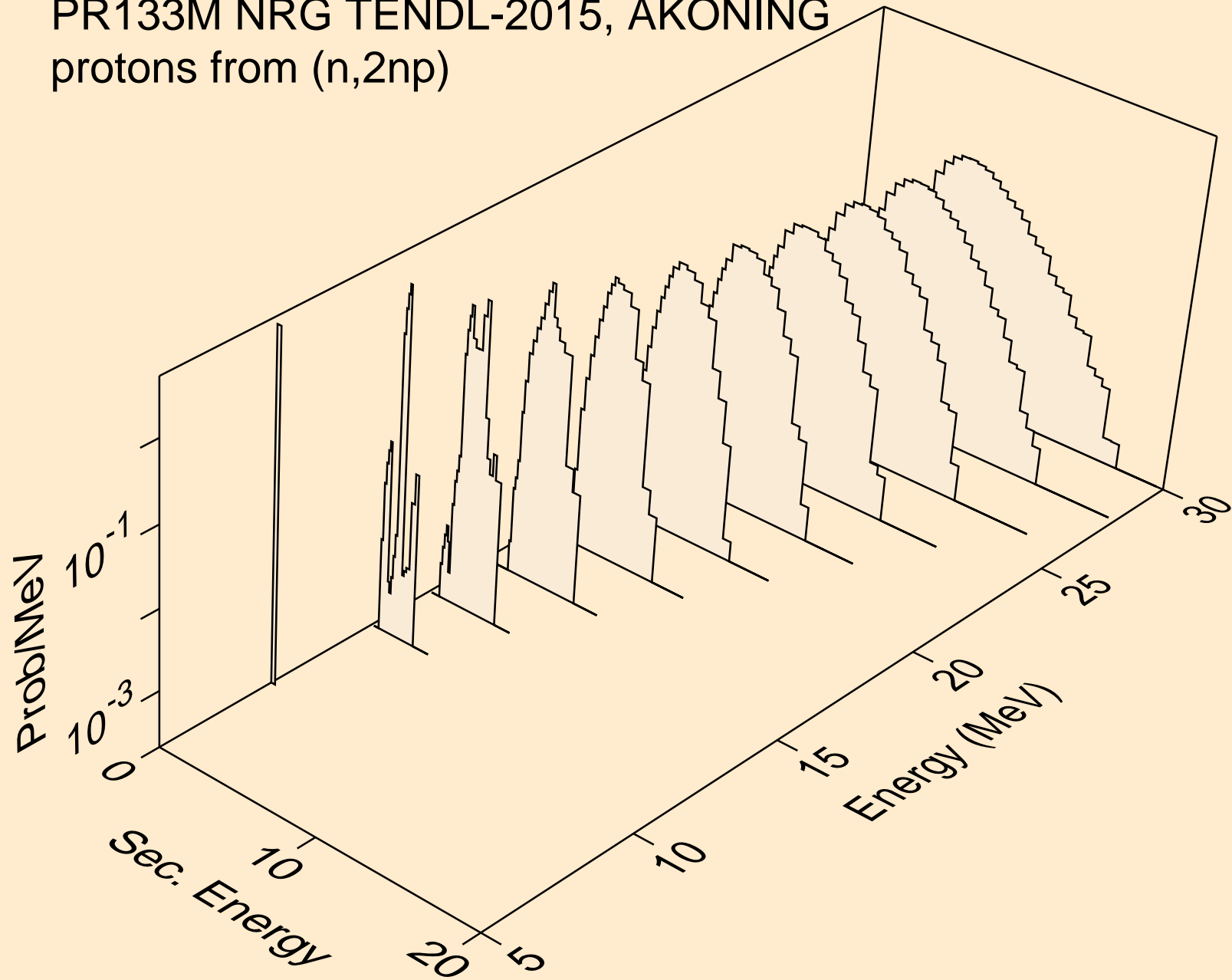
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protons from (n,2np)



PR133M NRG TENDL-2015, AKONING  
protons from (n,3np)

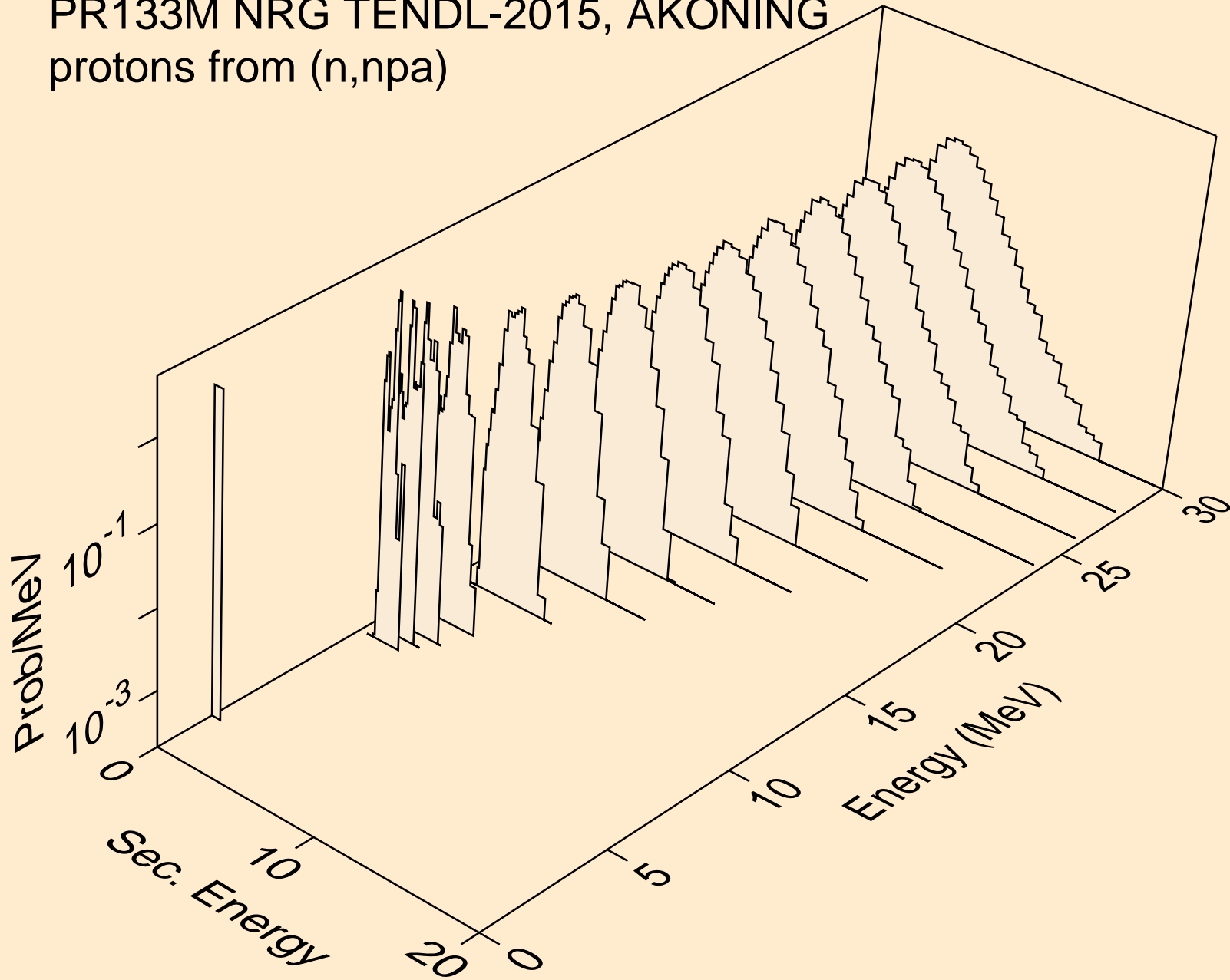


PR133M NRG TENDL-2015, AKONING  
protons from (n,2np)

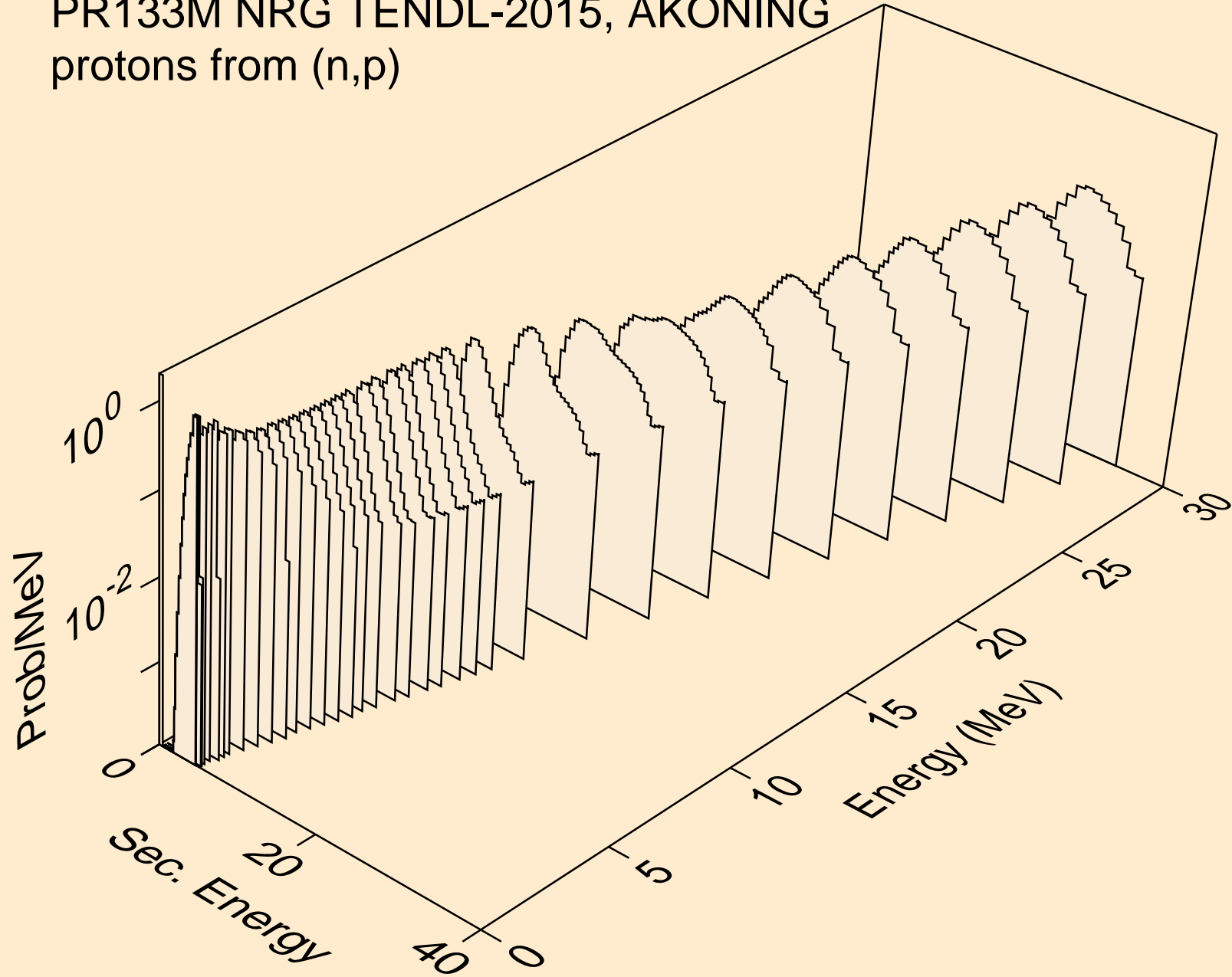




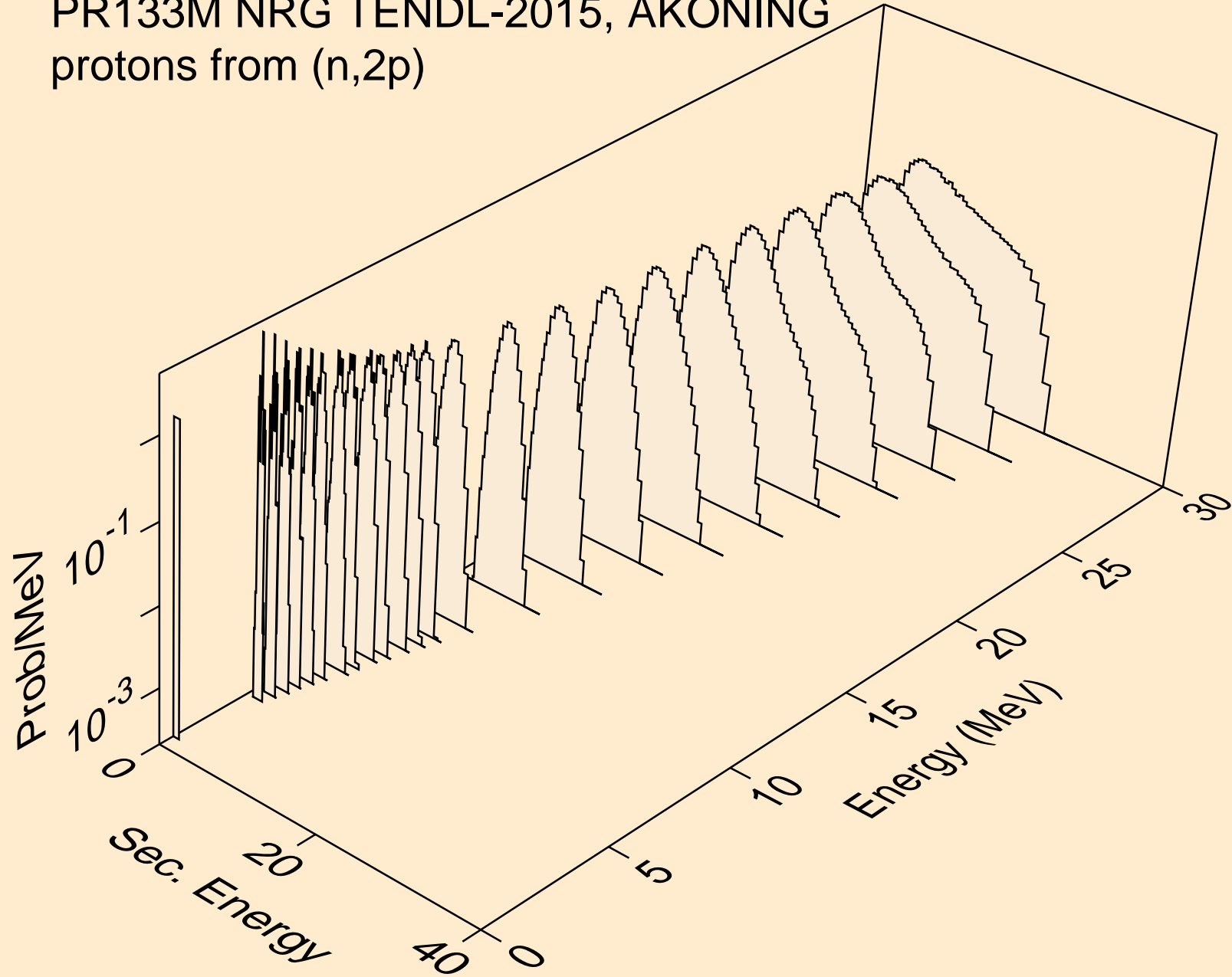
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protons from (n,npa)



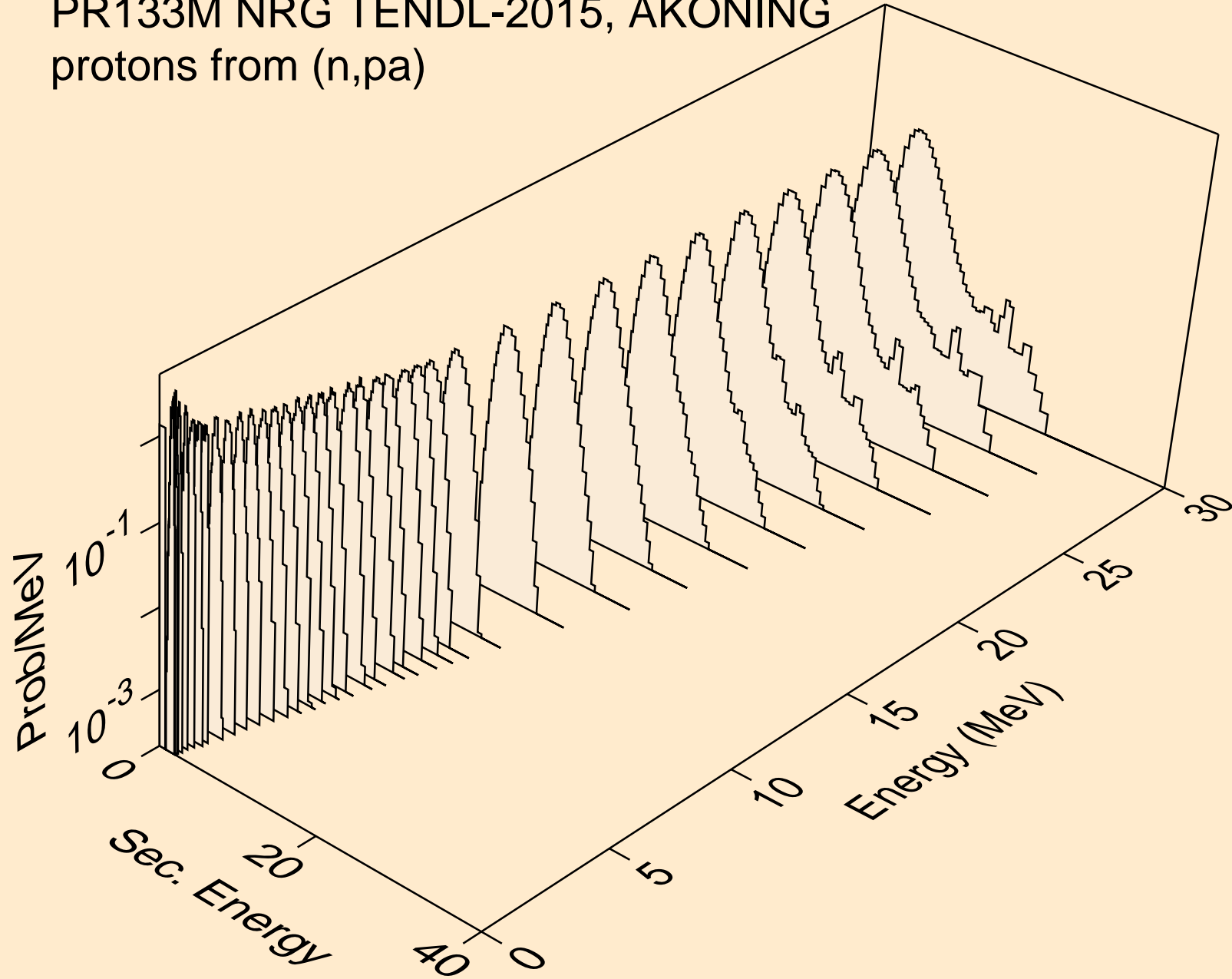
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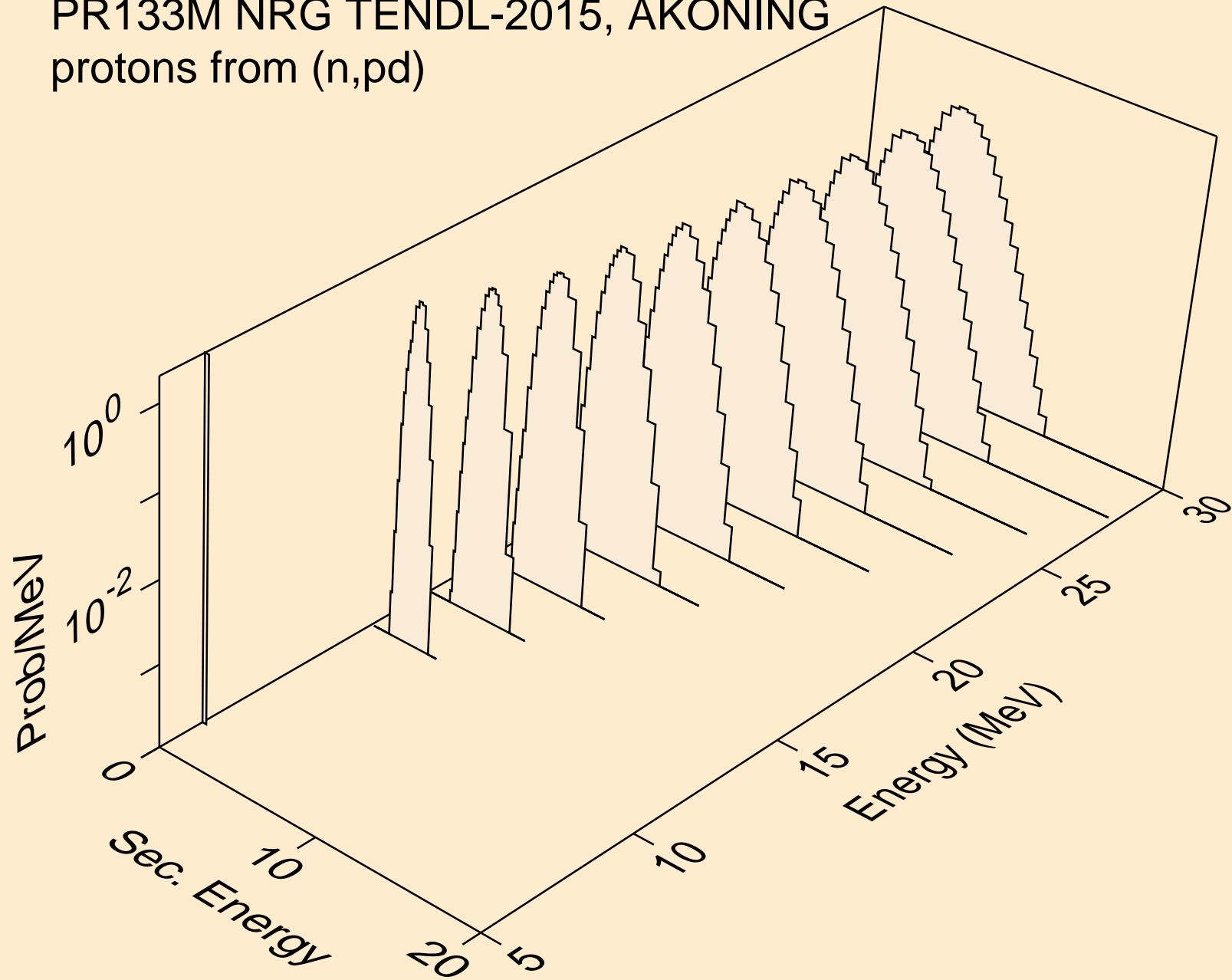
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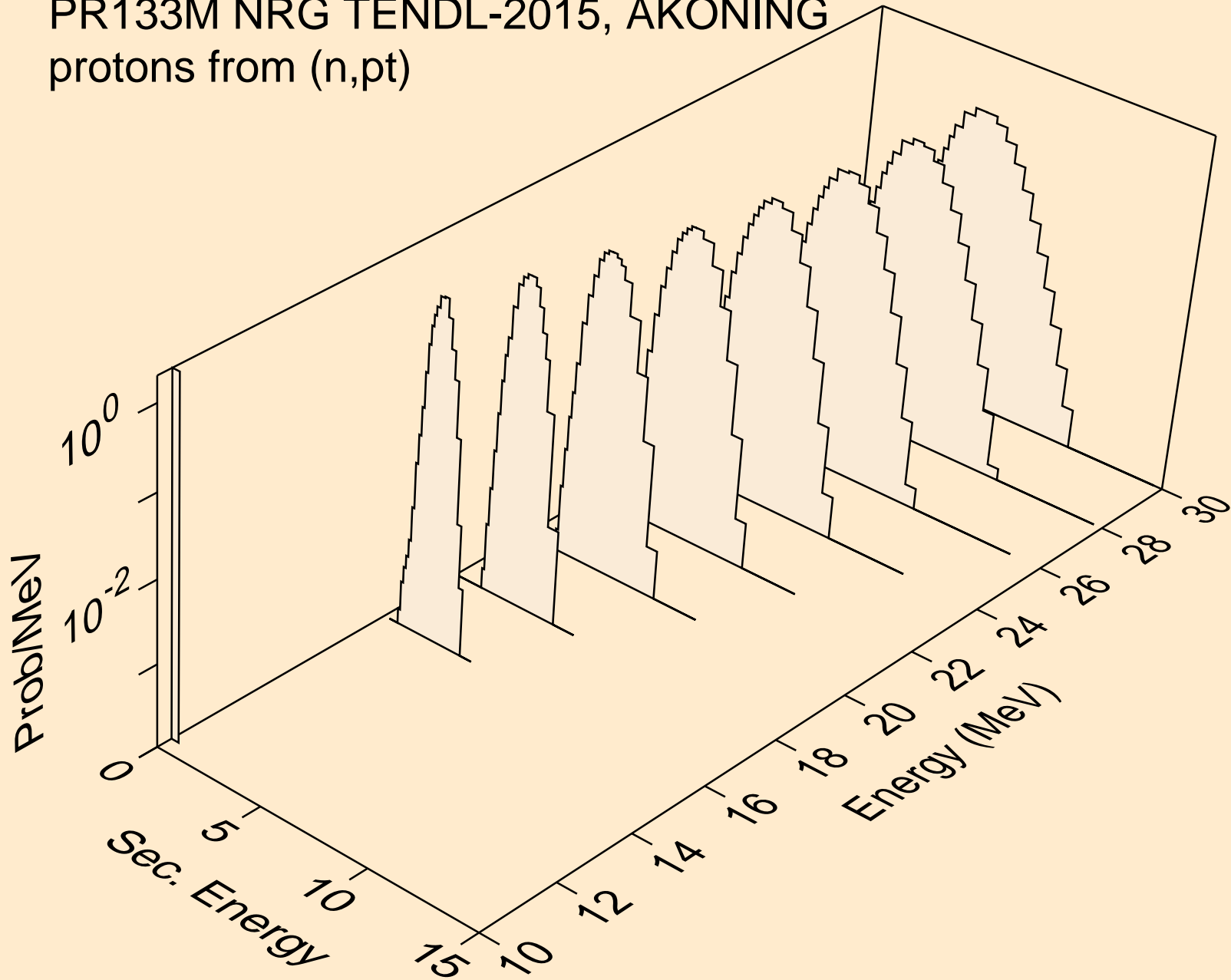
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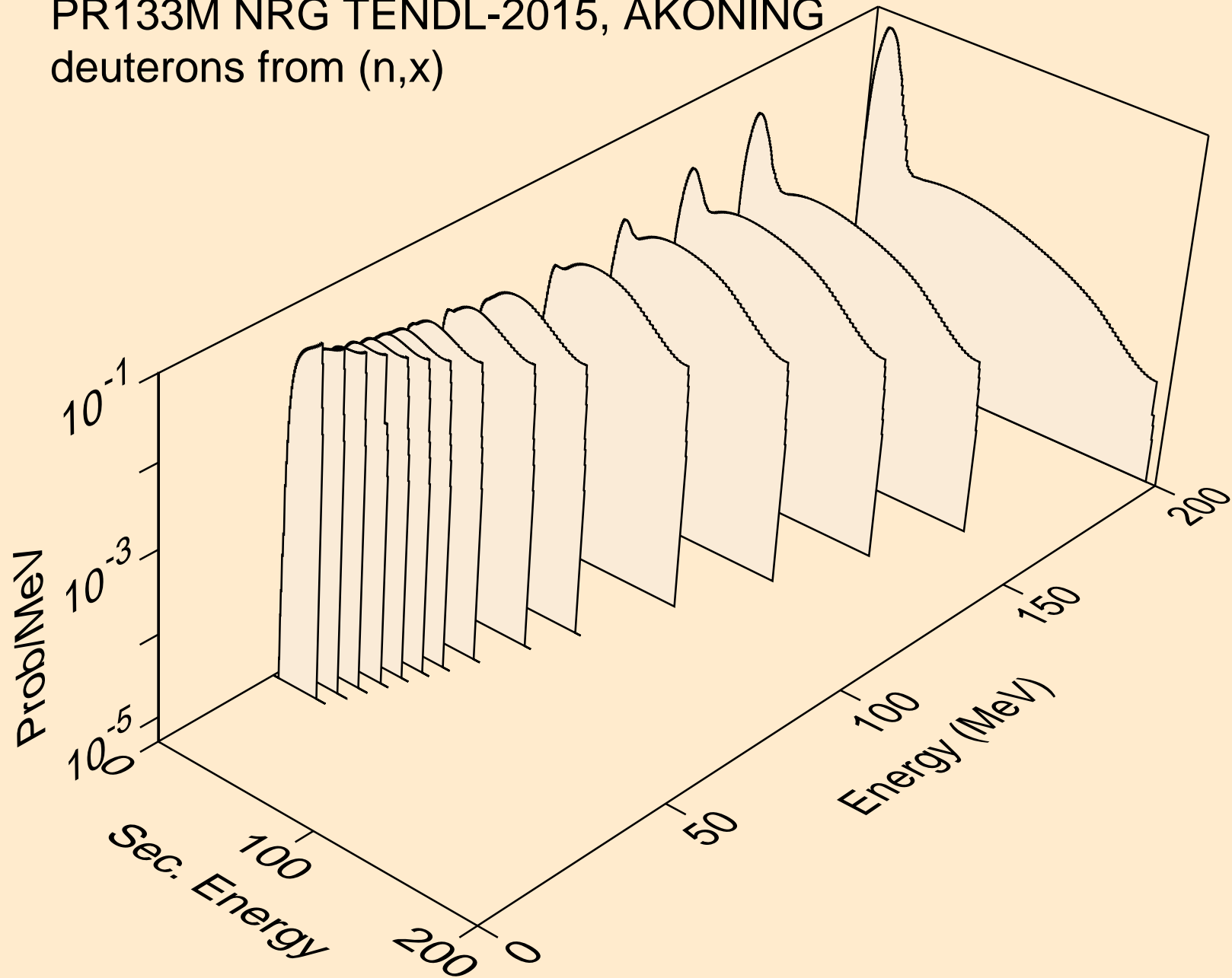
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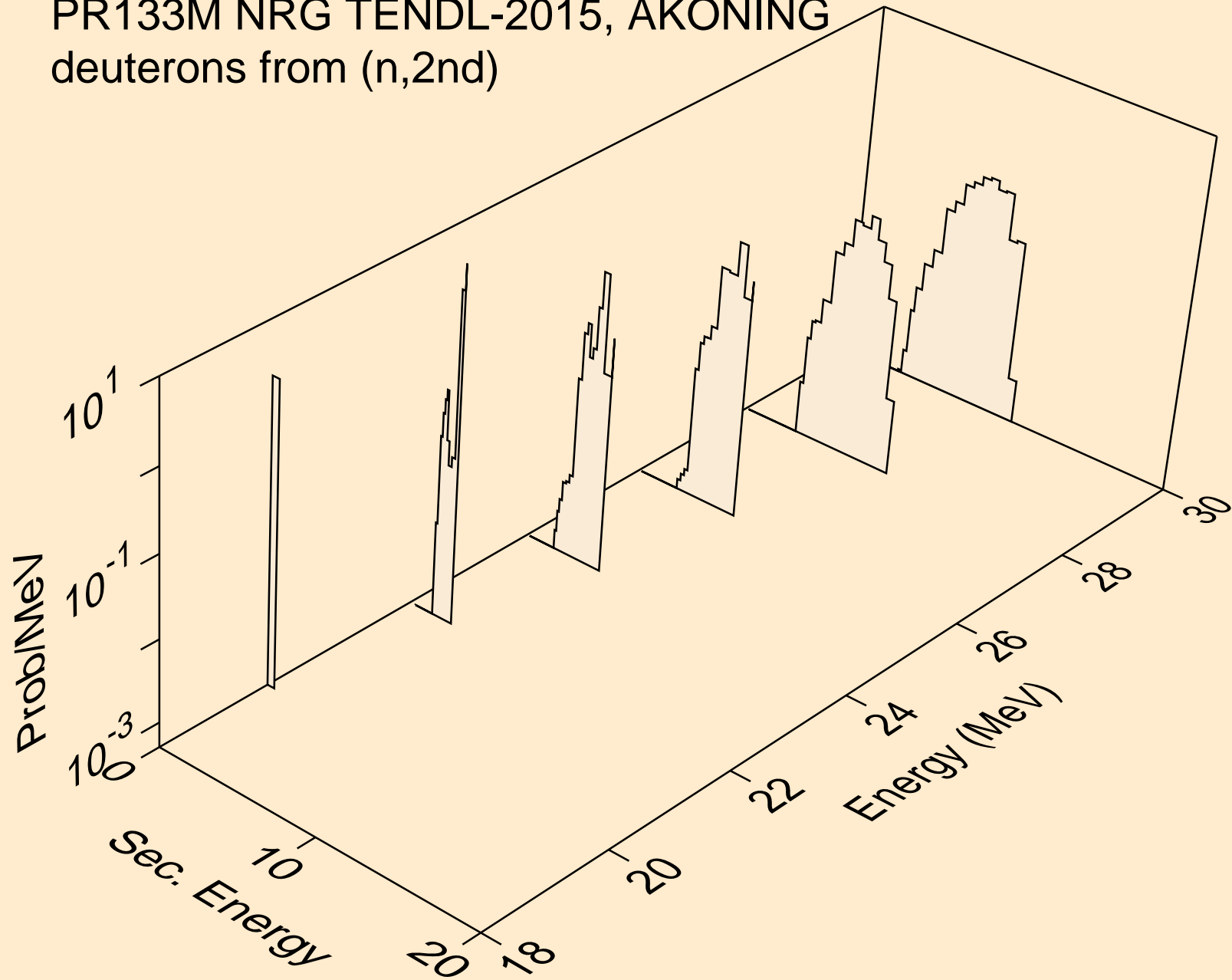
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protons from (n,pt)



PR133M NRG TENDL-2015, AKONING  
deuterons from (n,x)

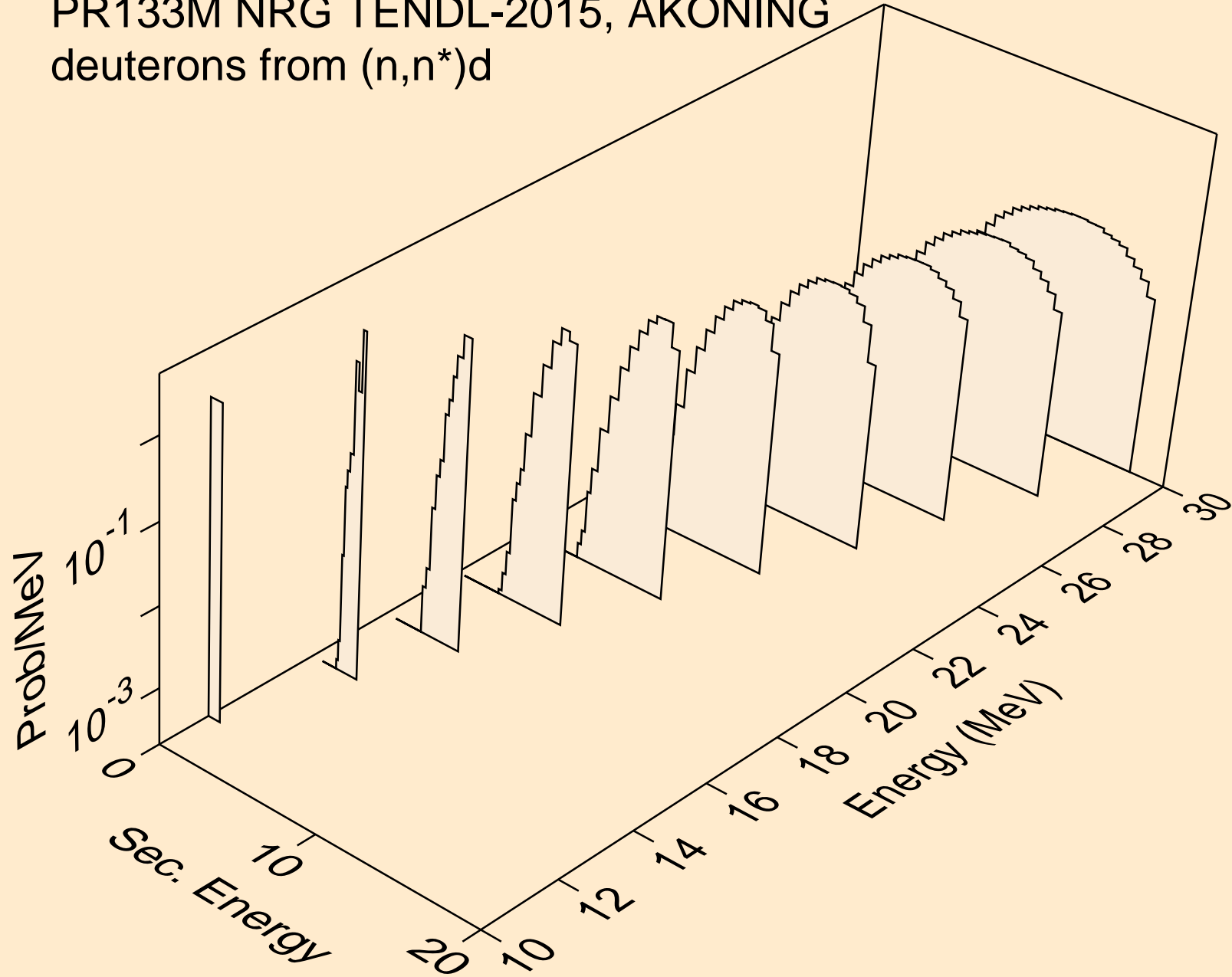


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deuterons from (n,2nd)

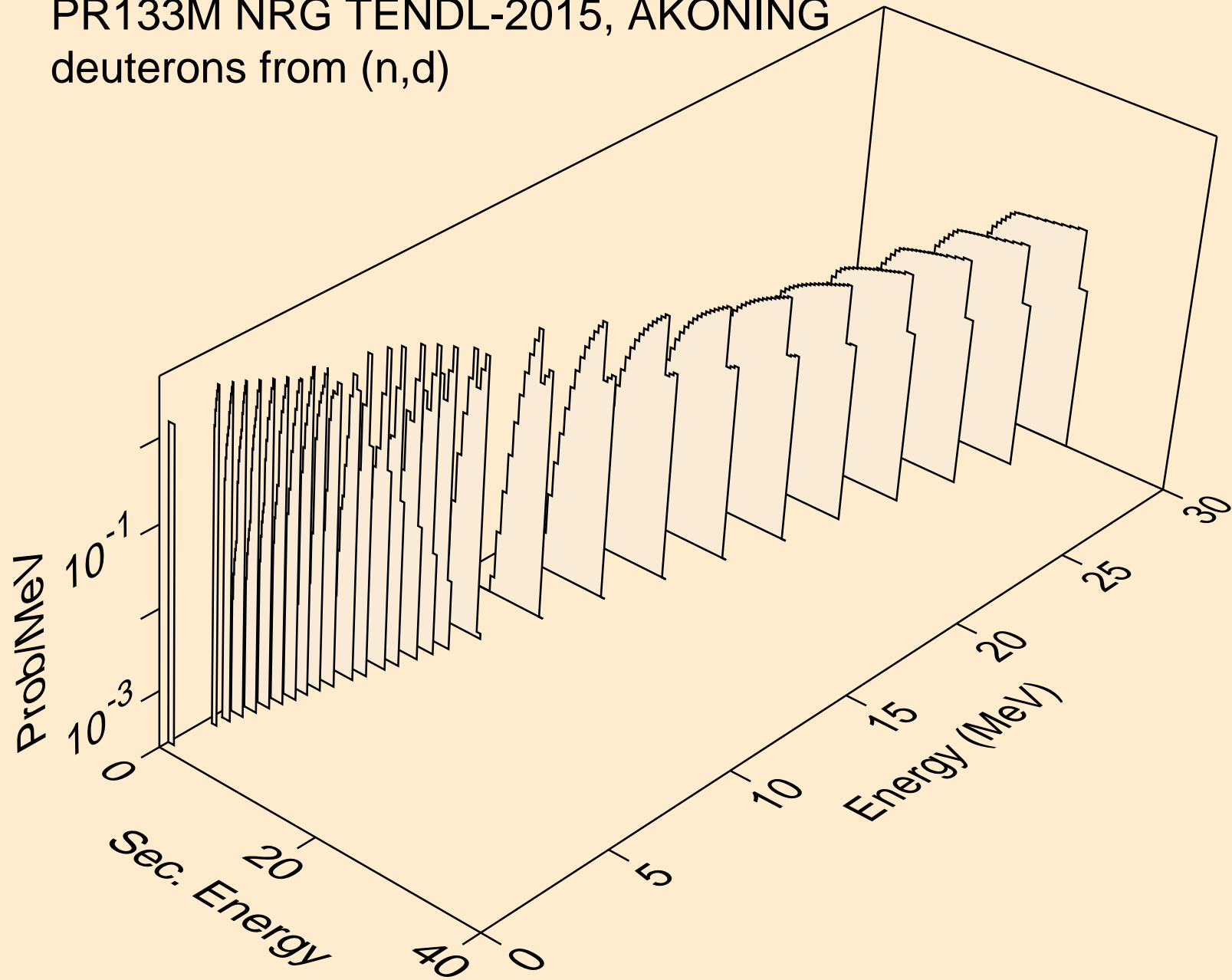




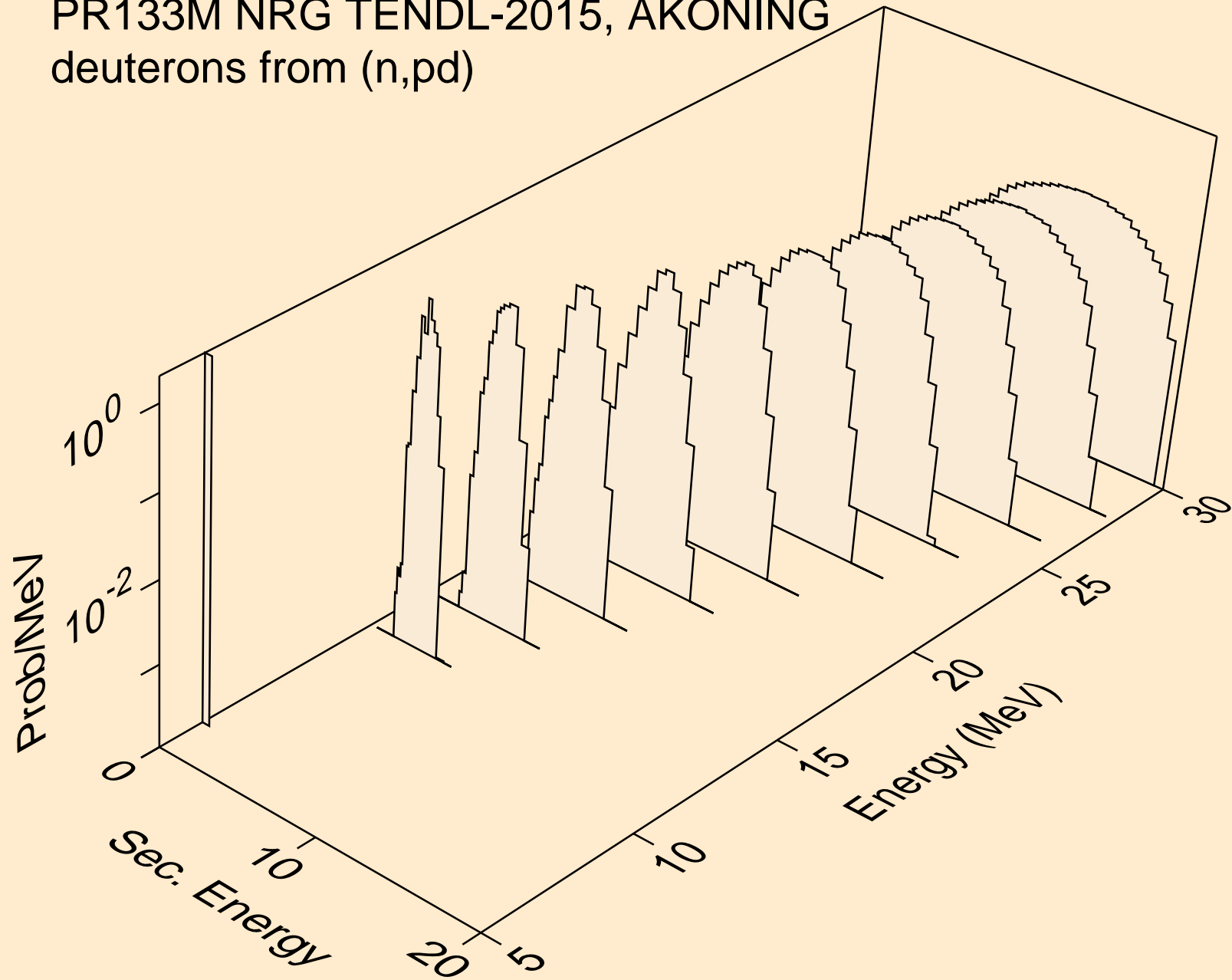
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deuterons from (n,n\*)d



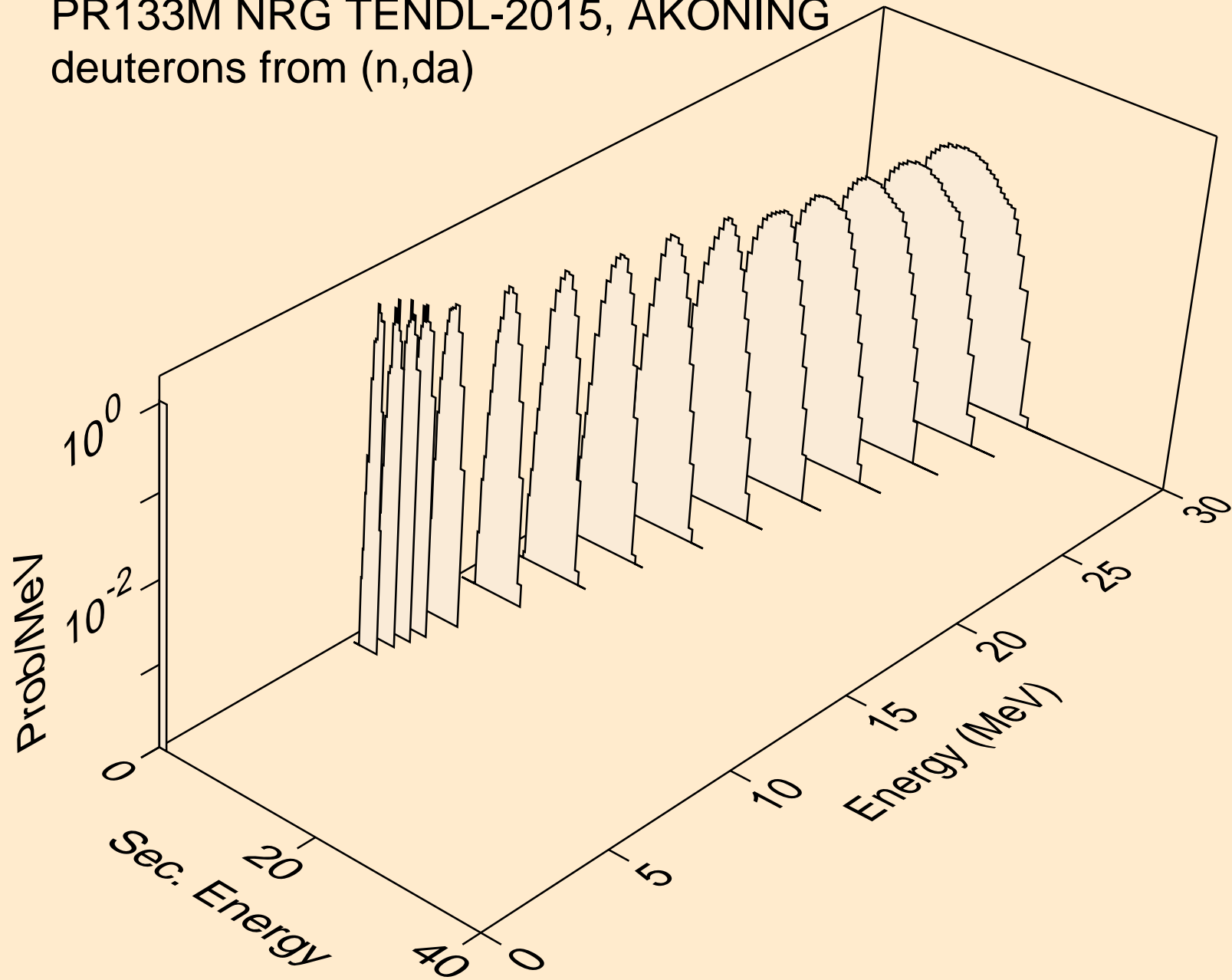
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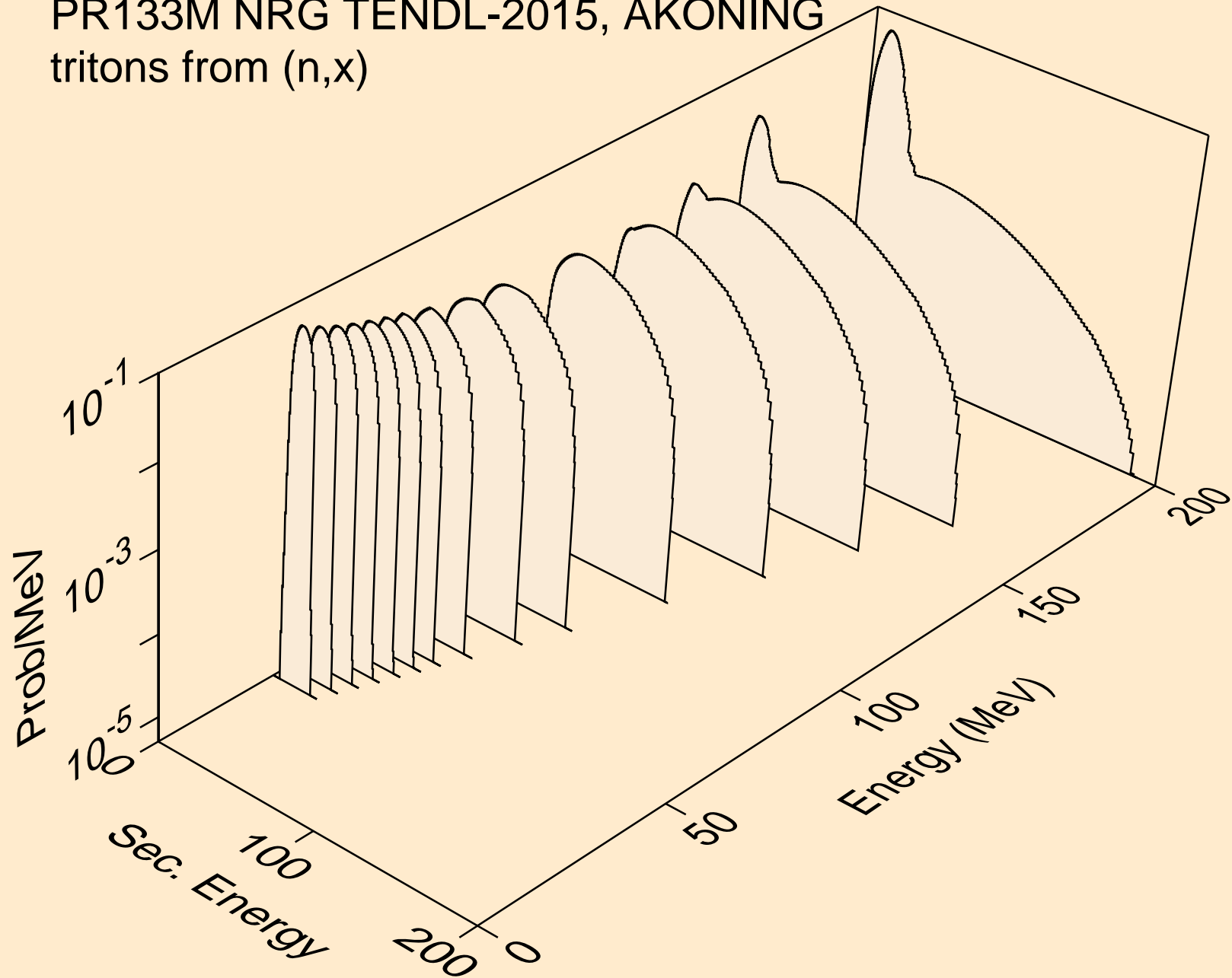
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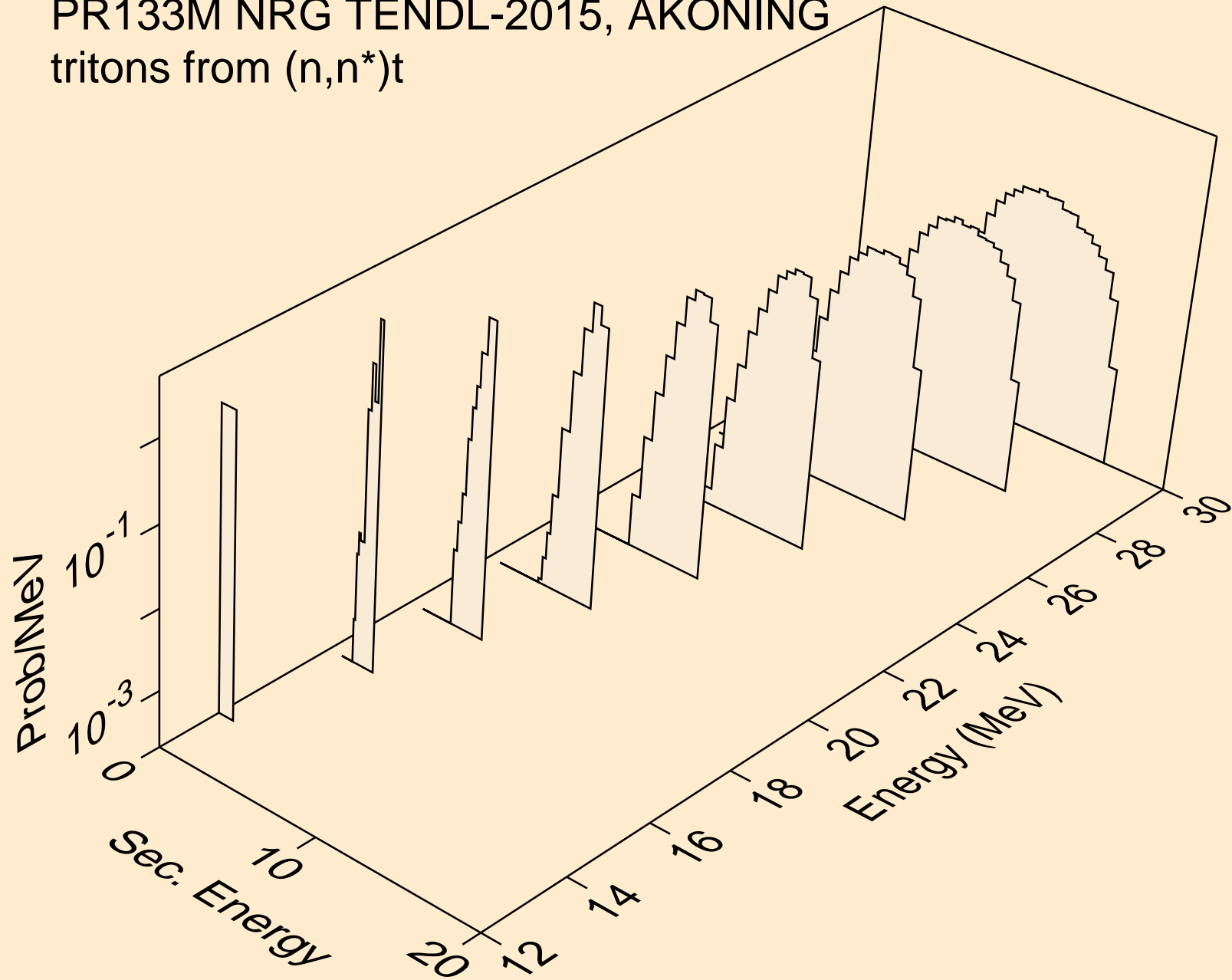
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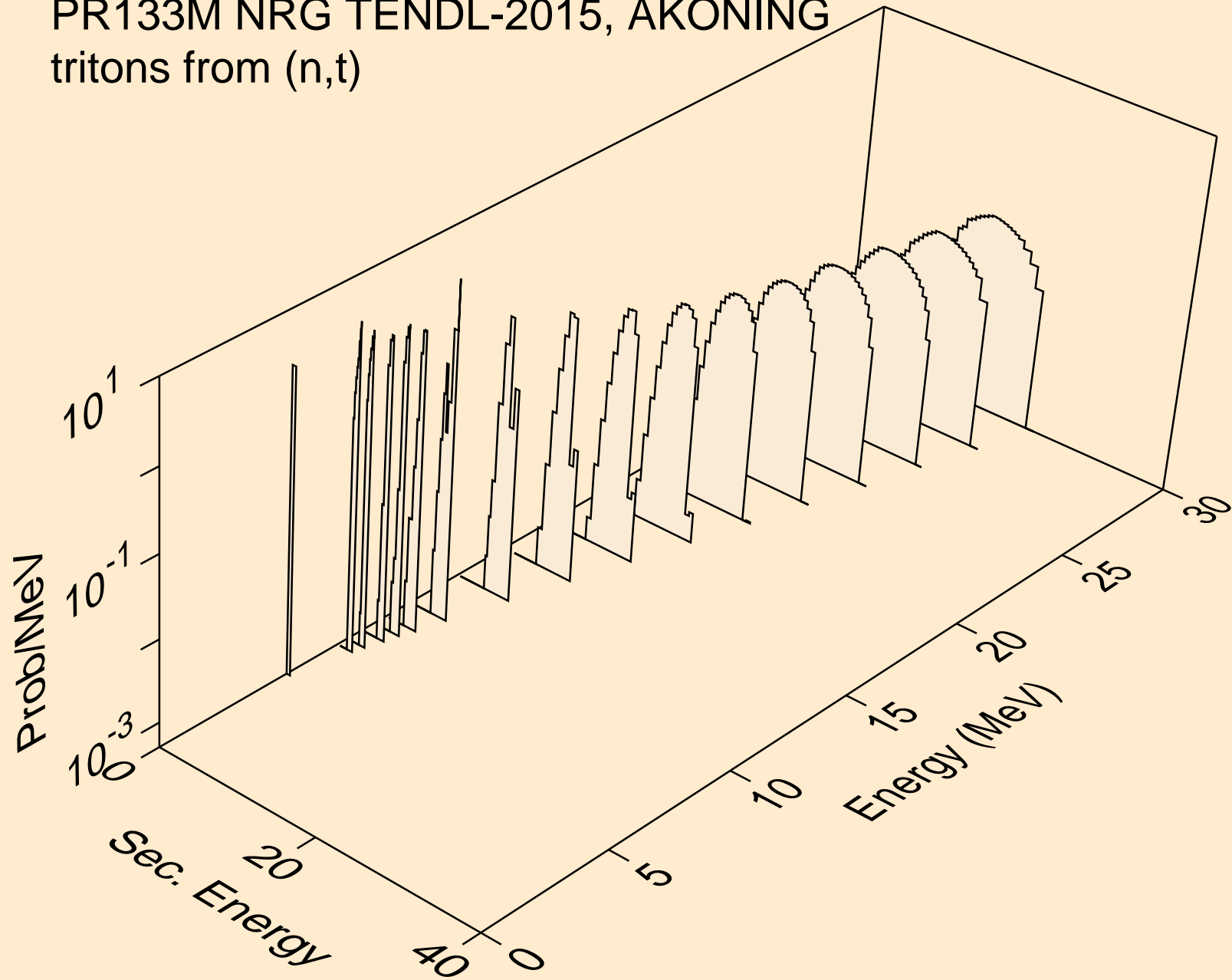
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tritons from (n,x)



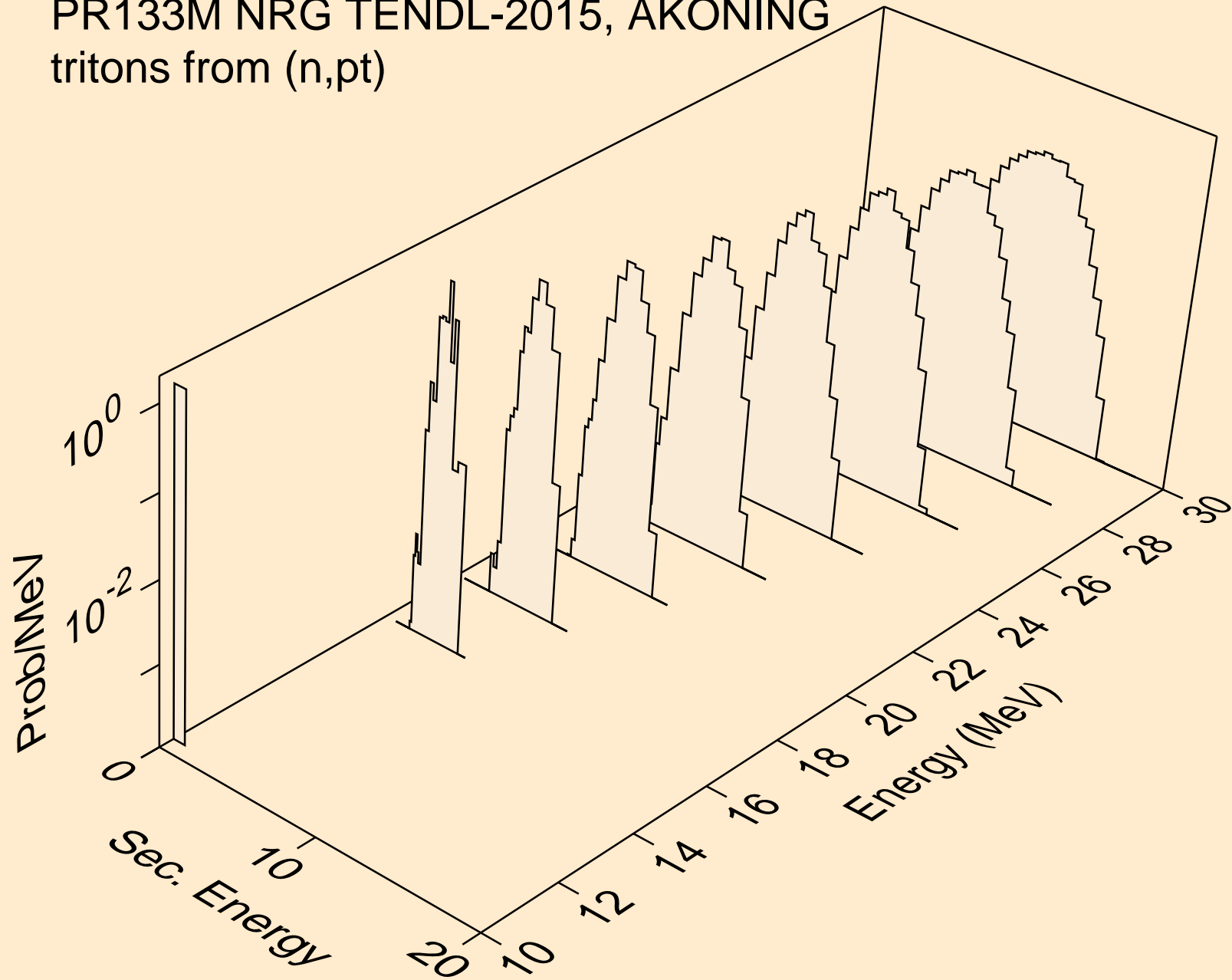
PR133M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



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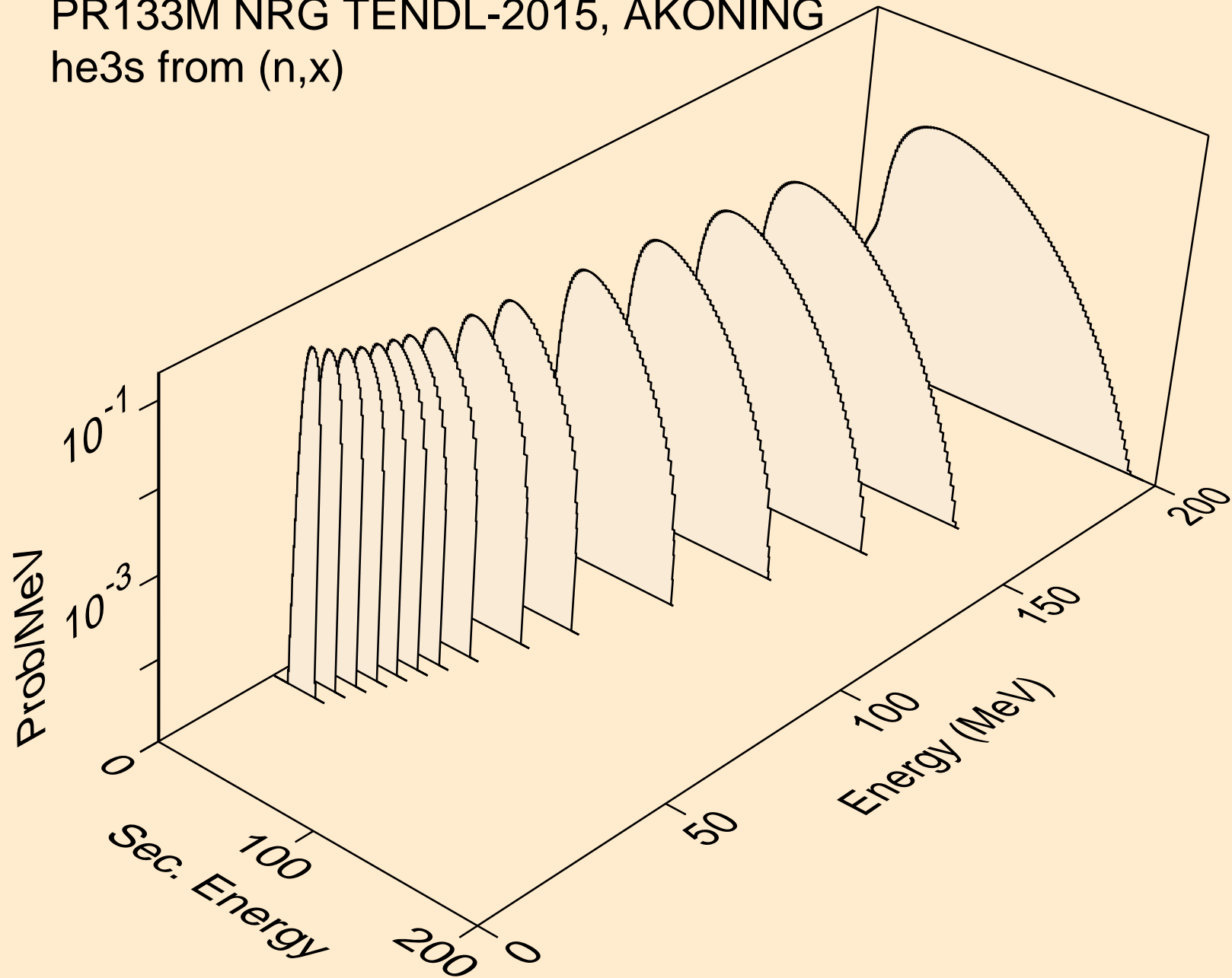


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tritons from (n,pt)

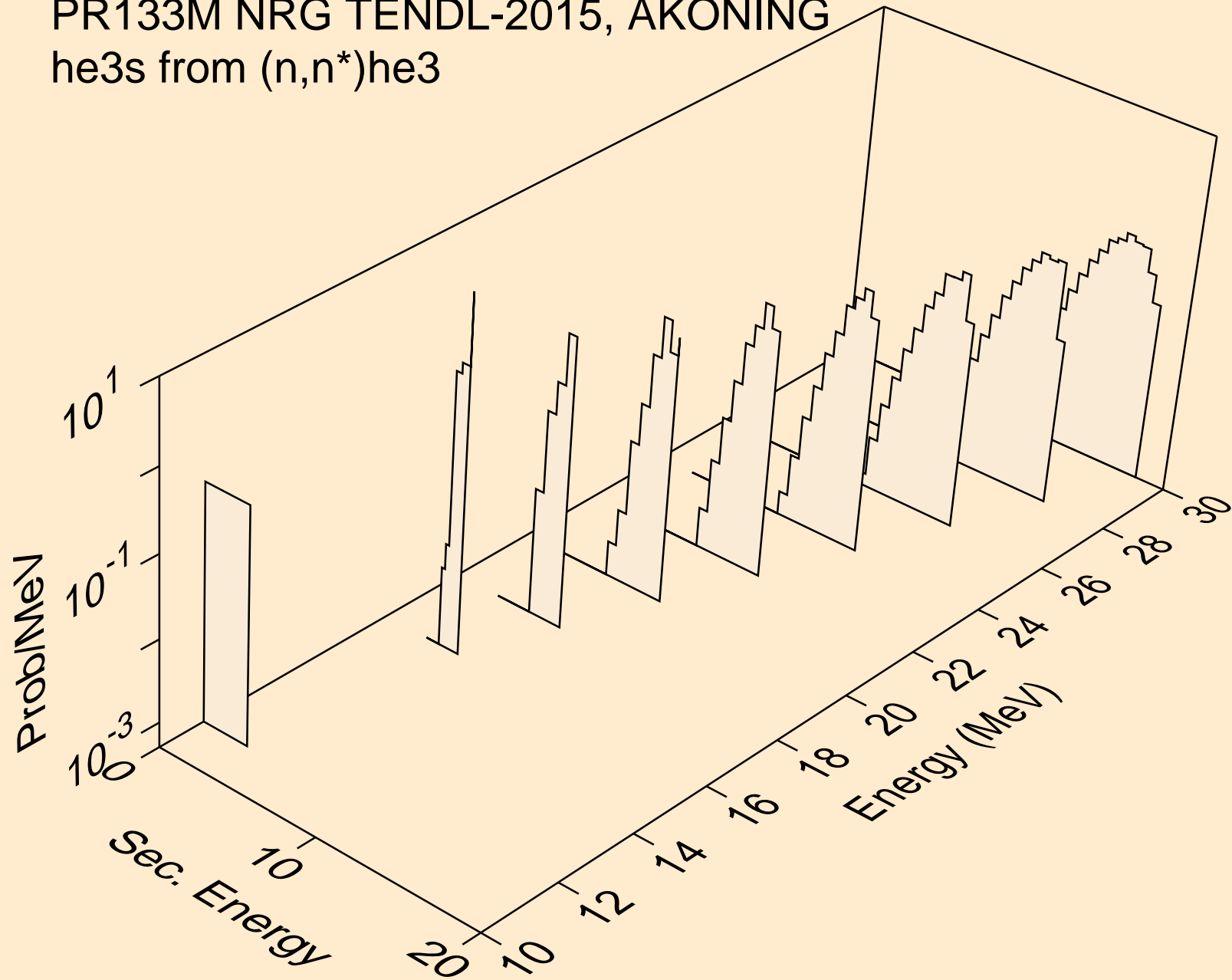




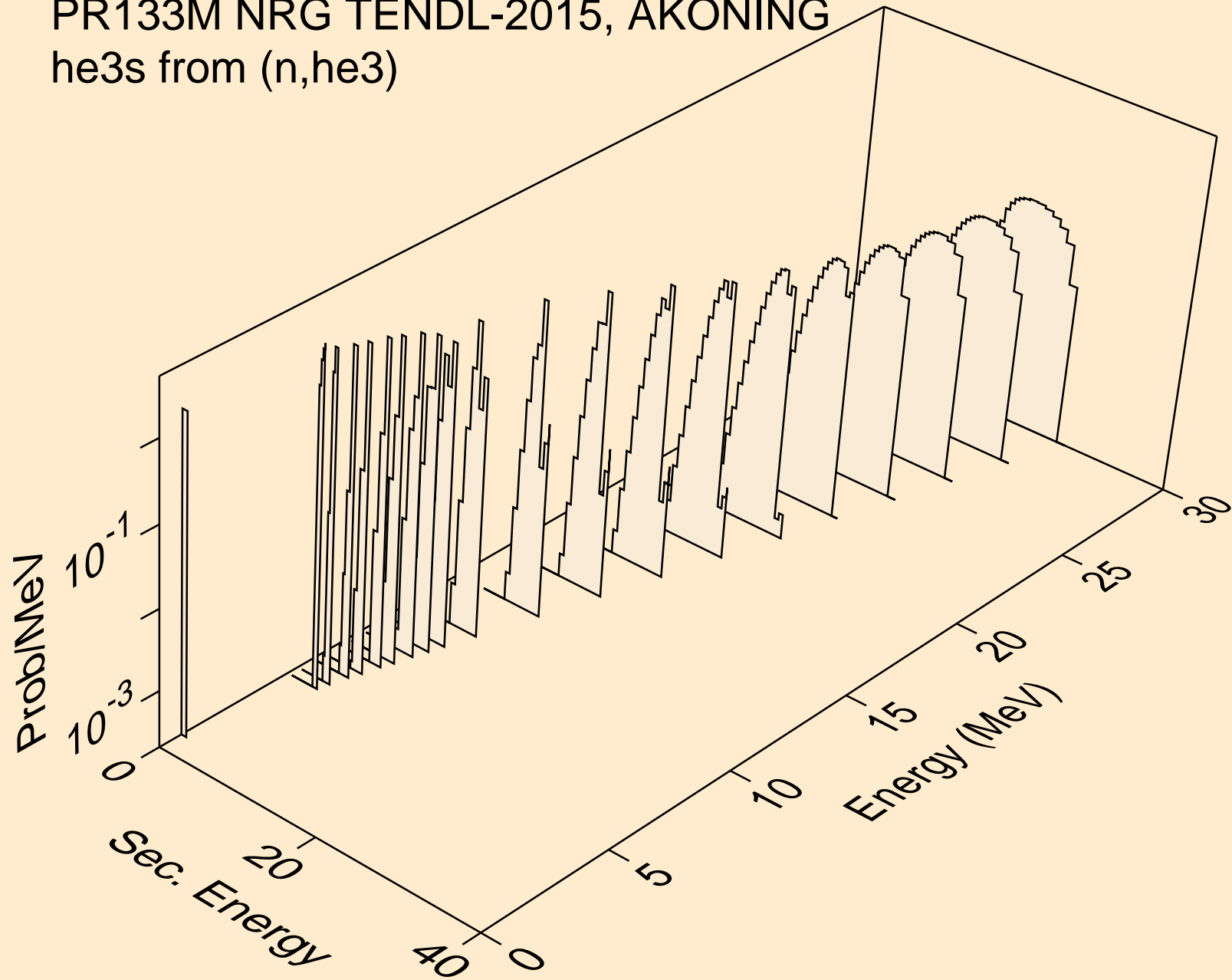
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he3s from (n,x)



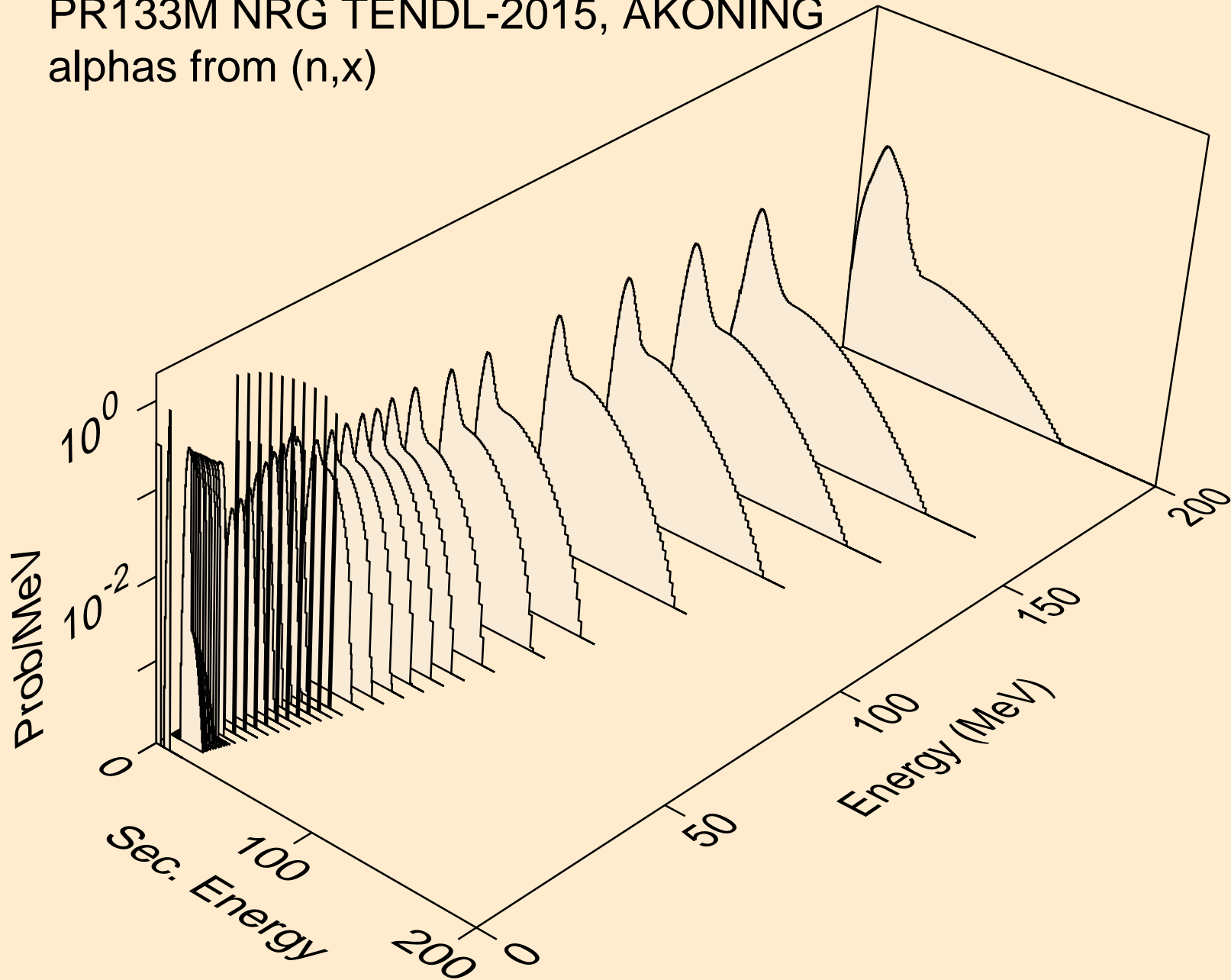
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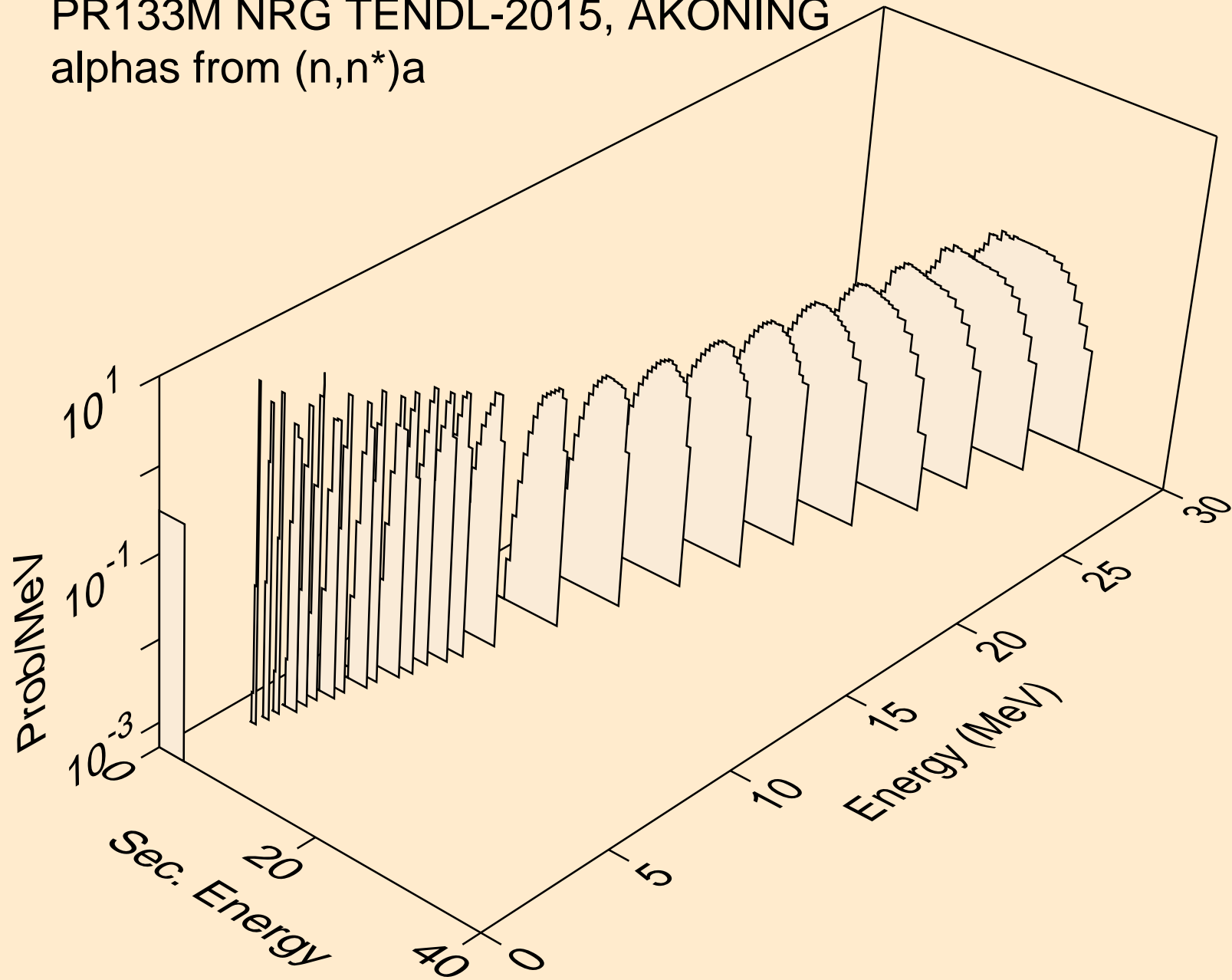
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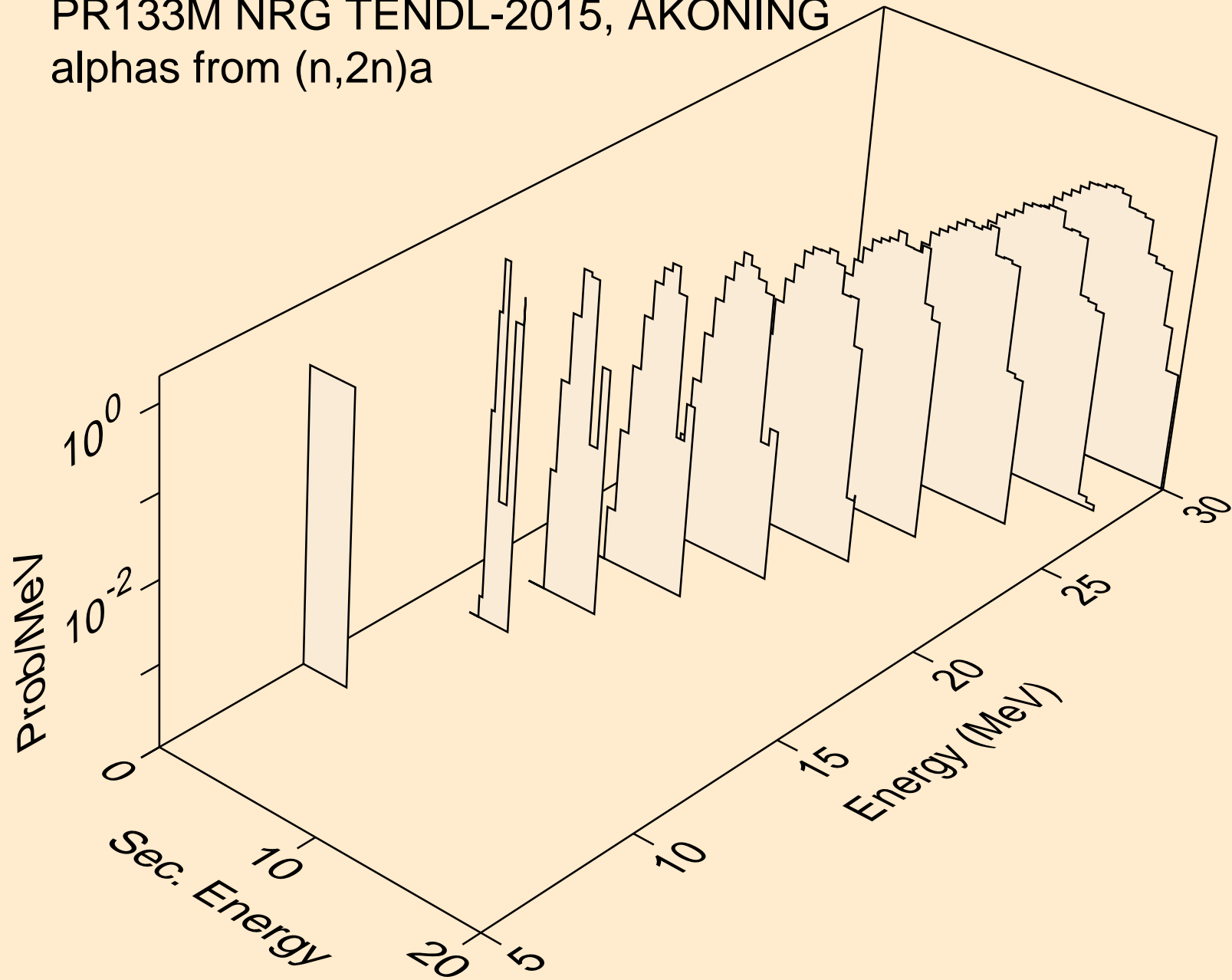
PR133M NRG TENDL-2015, AKONING  
alphas from (n,x)



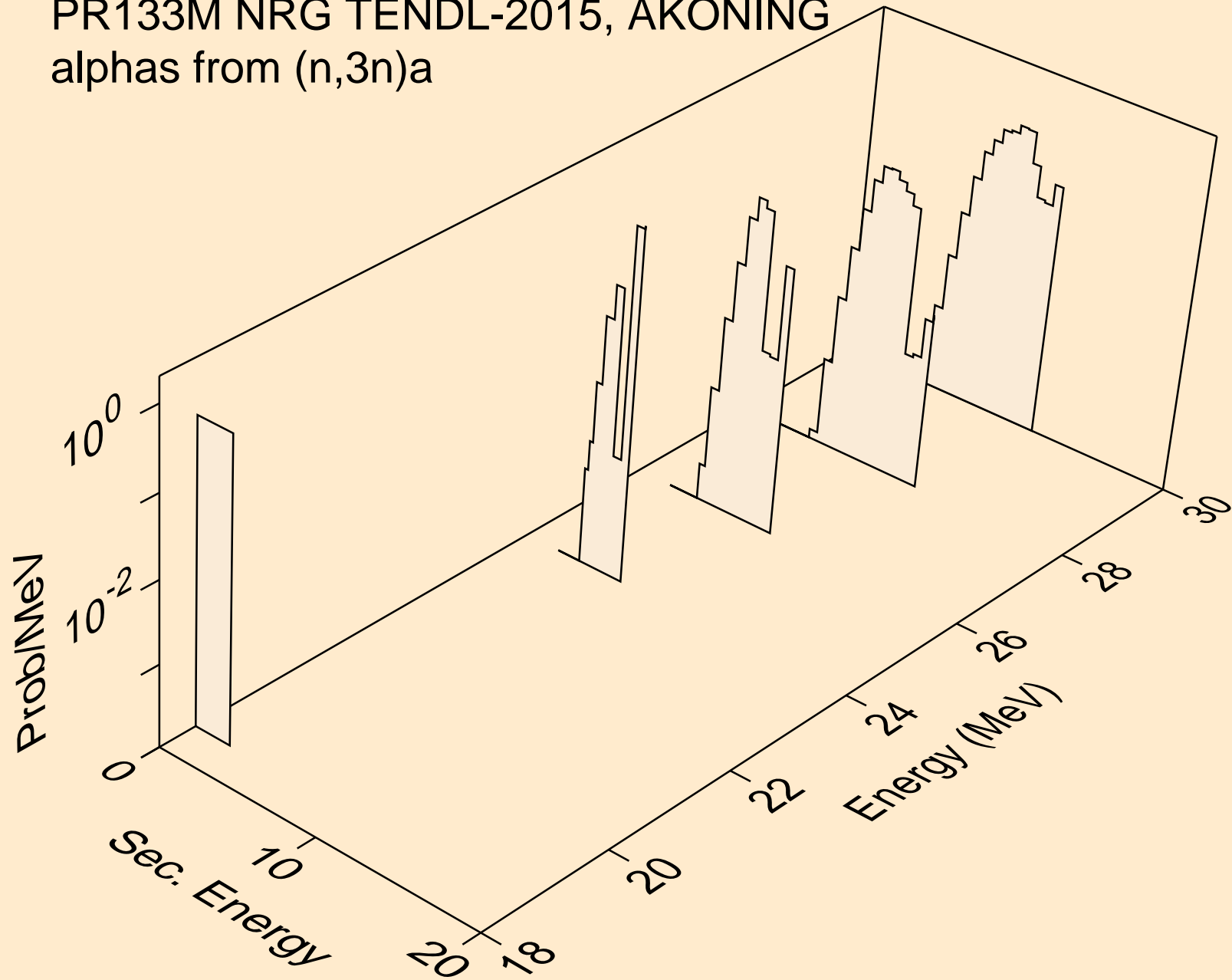
PR133M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



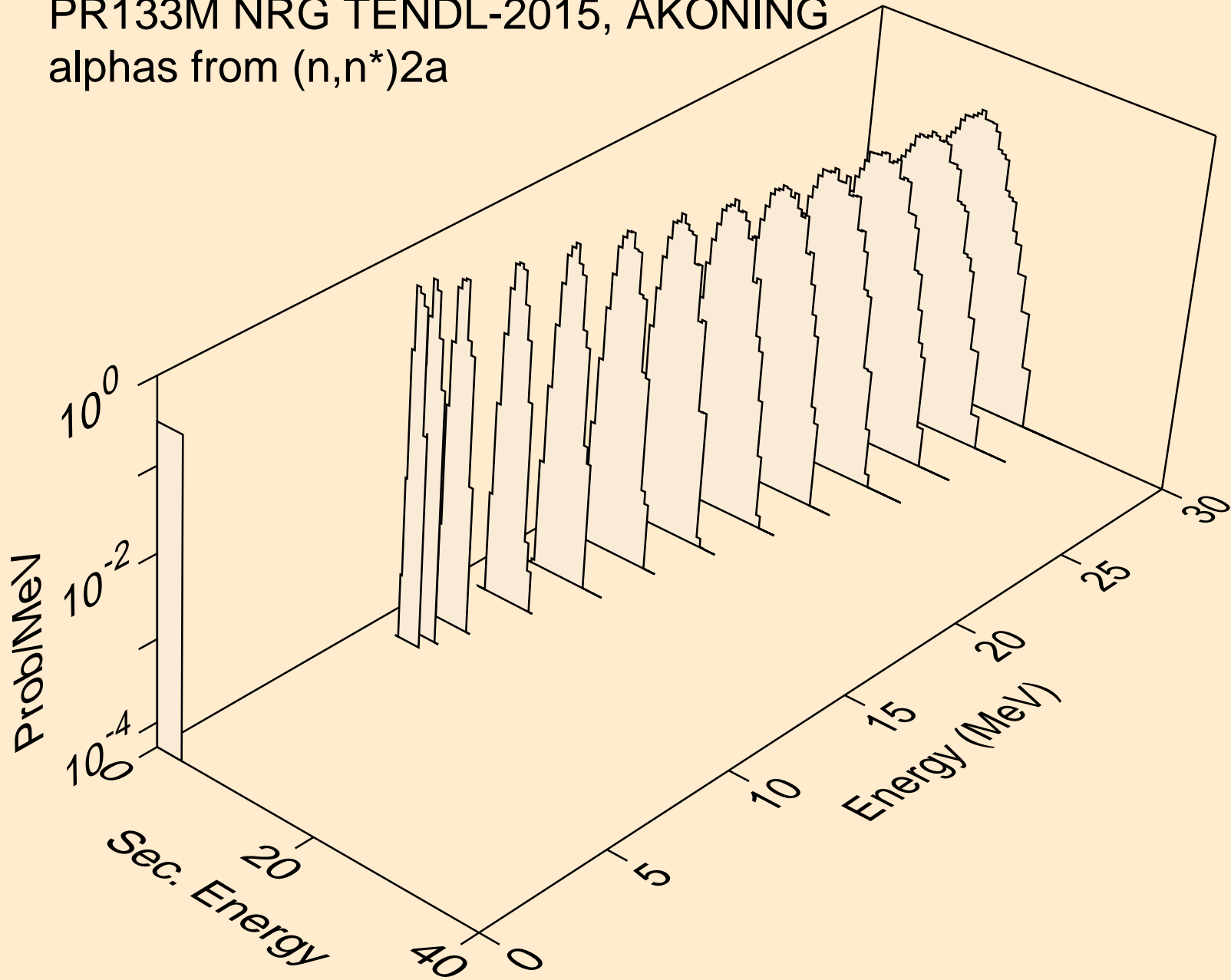
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alphas from (n,2n)a



PR133M NRG TENDL-2015, AKONING  
alphas from (n,3n)a

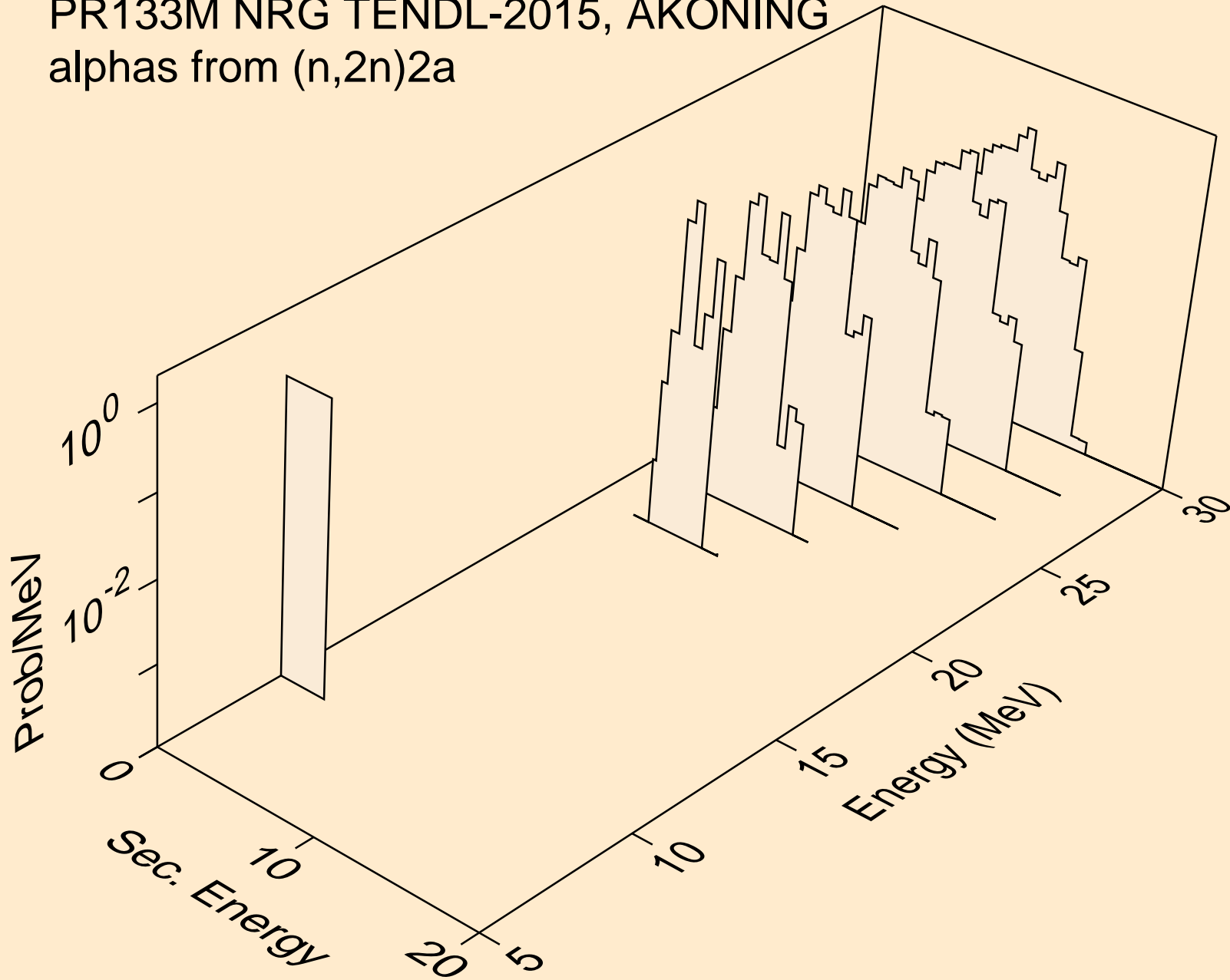


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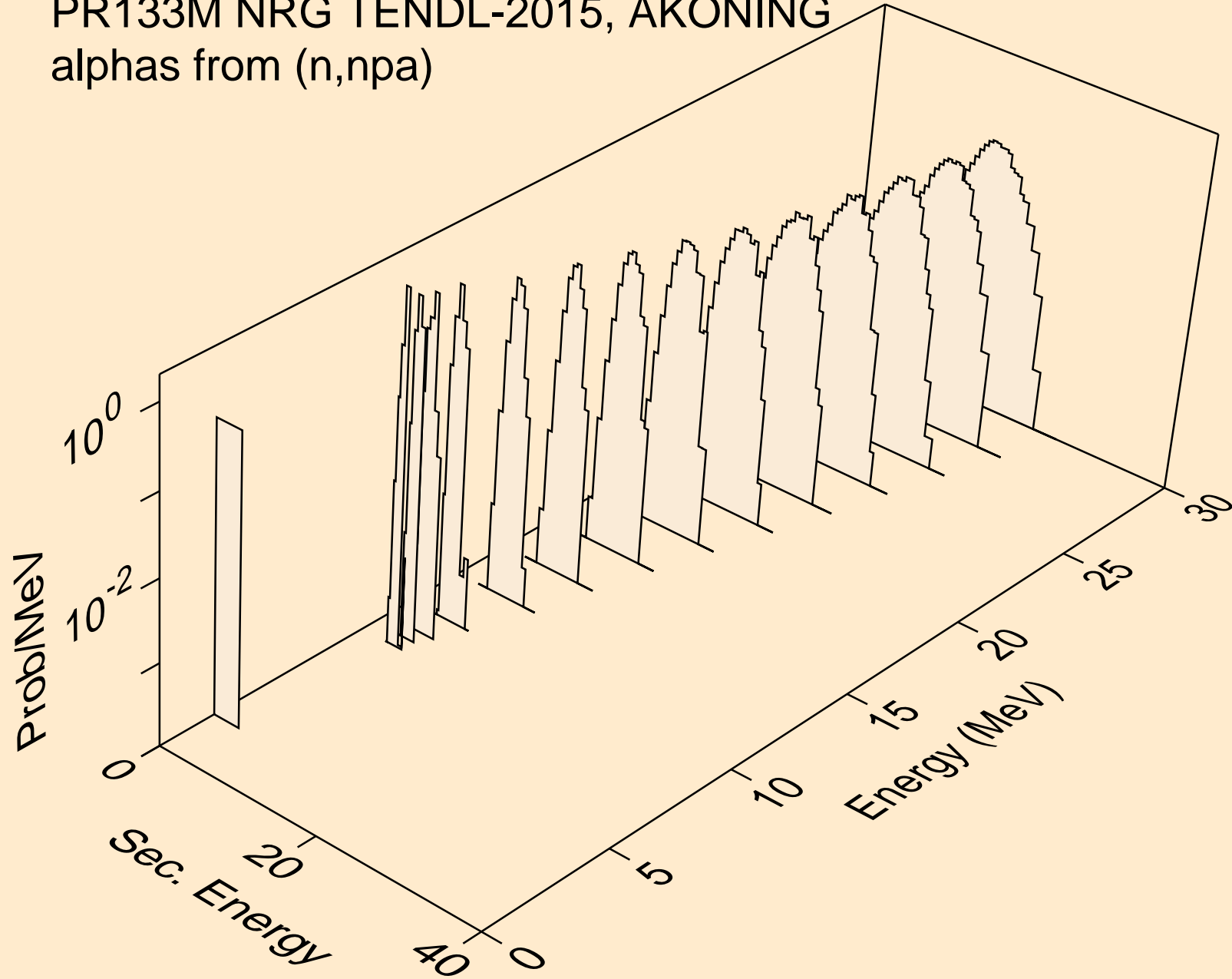




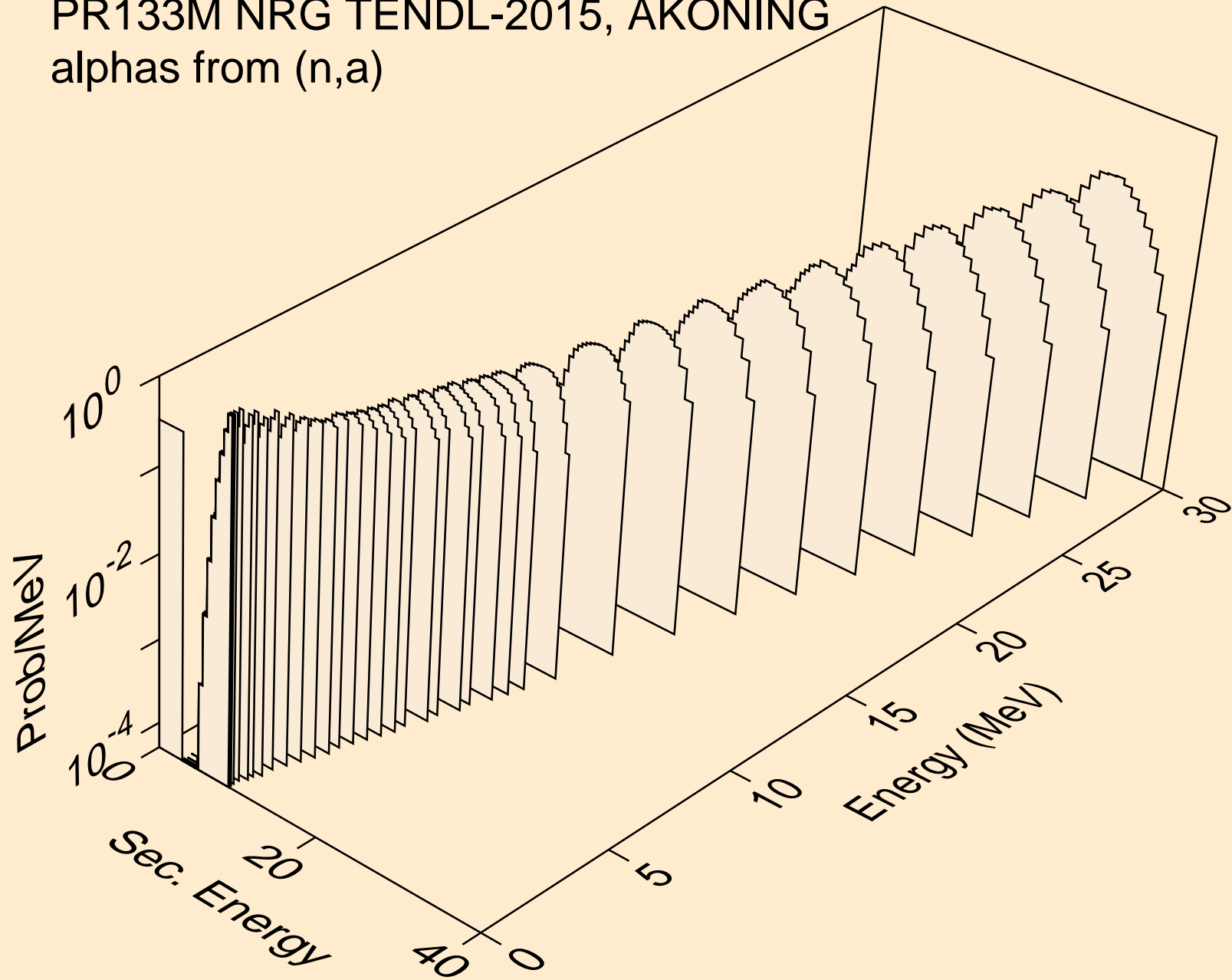
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alphas from (n,2n)2a



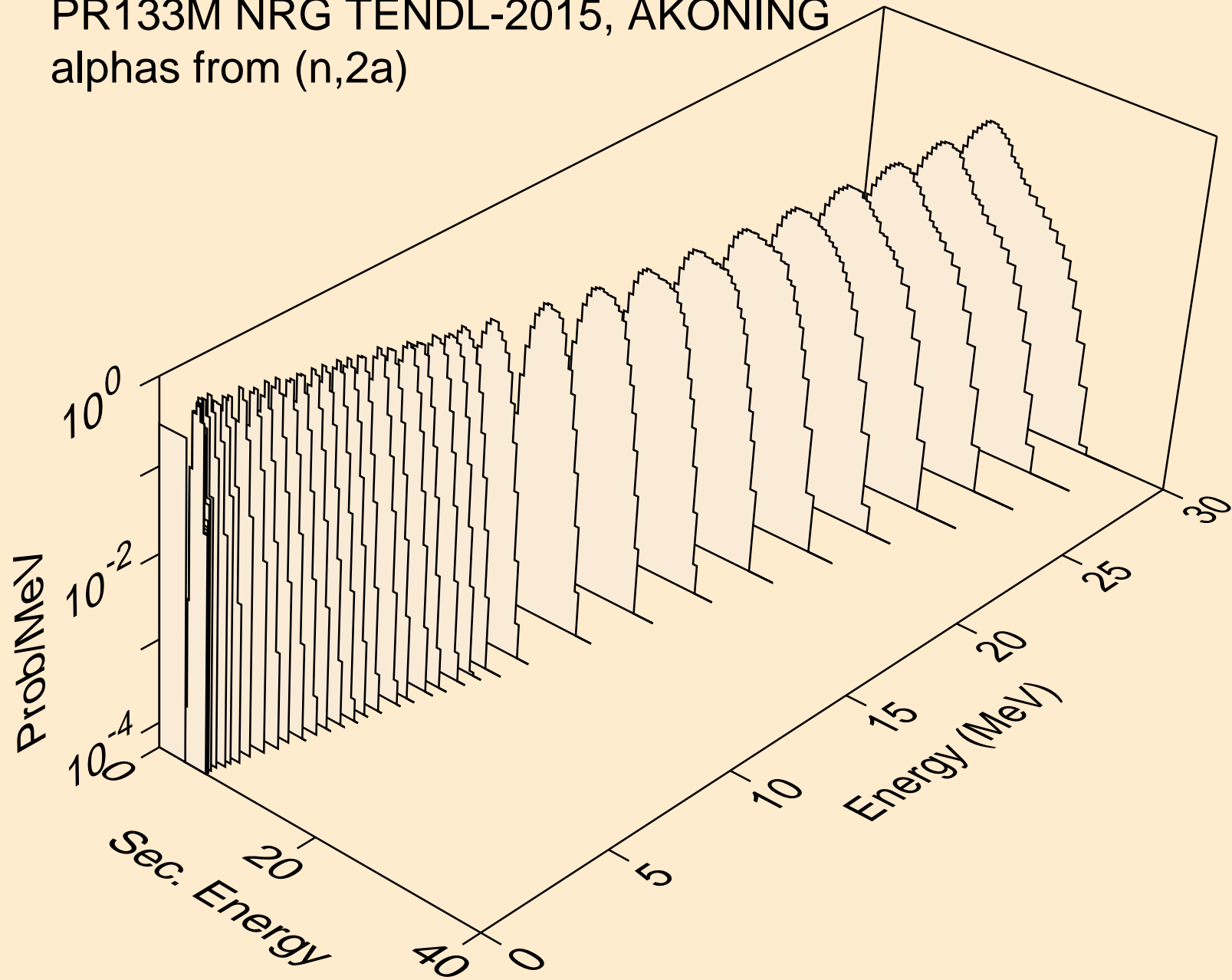
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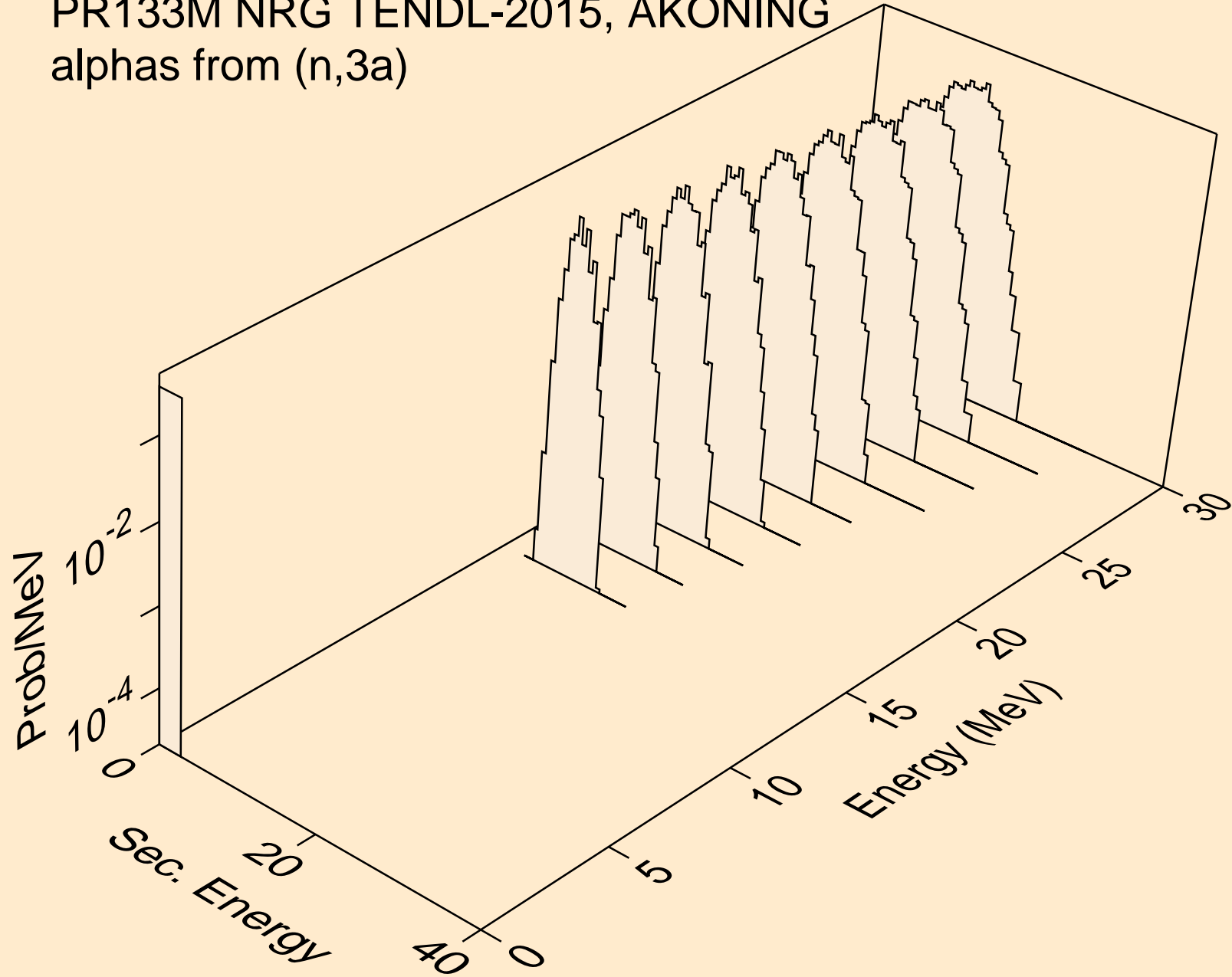
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alphas from (n,a)



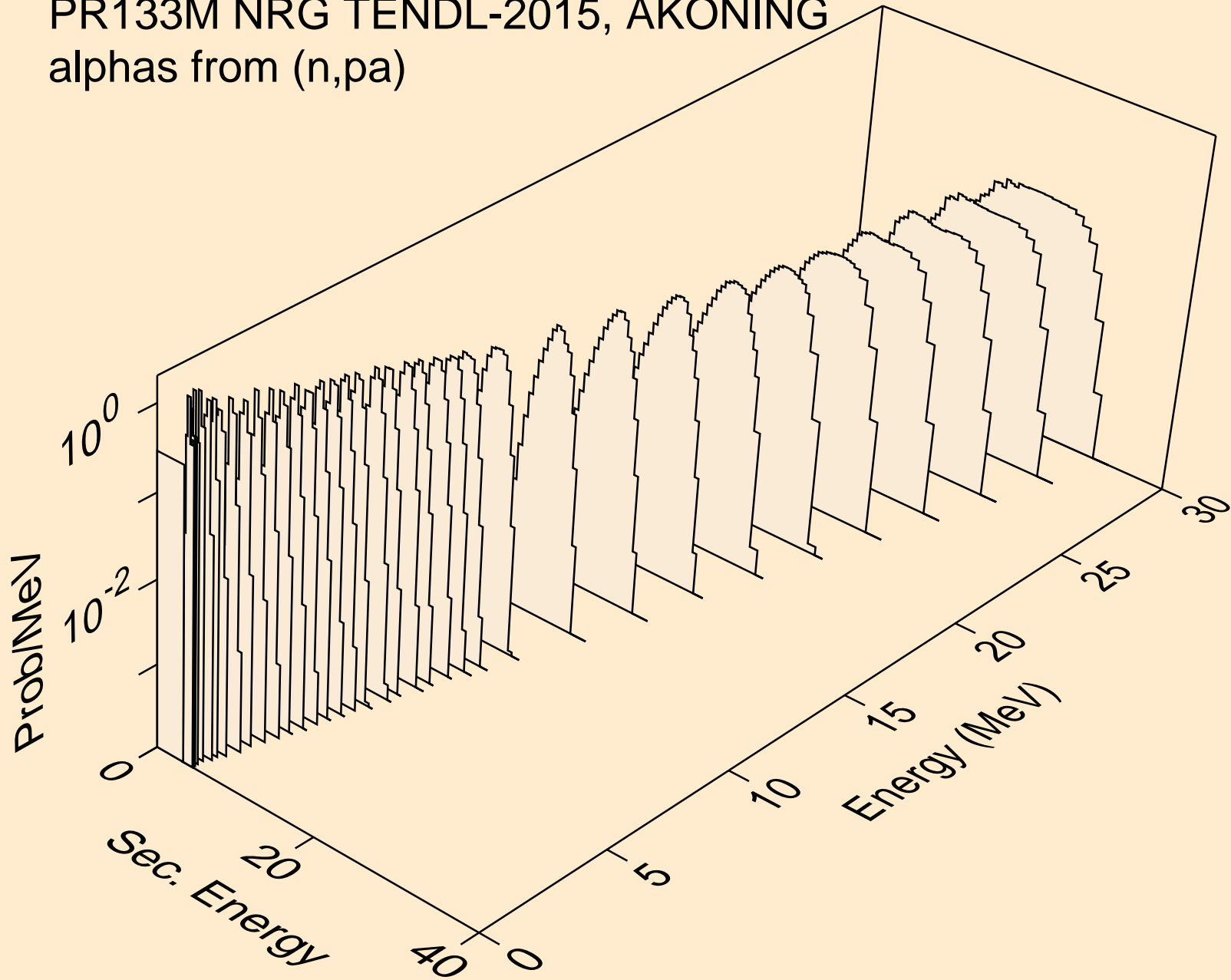
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alphas from (n,2a)



PR133M NRG TENDL-2015, AKONING  
alphas from (n,3a)



PR133M NRG TENDL-2015, AKONING  
alphas from (n,pa)



PR133M NRG TENDL-2015, AKONING  
alphas from (n,da)

