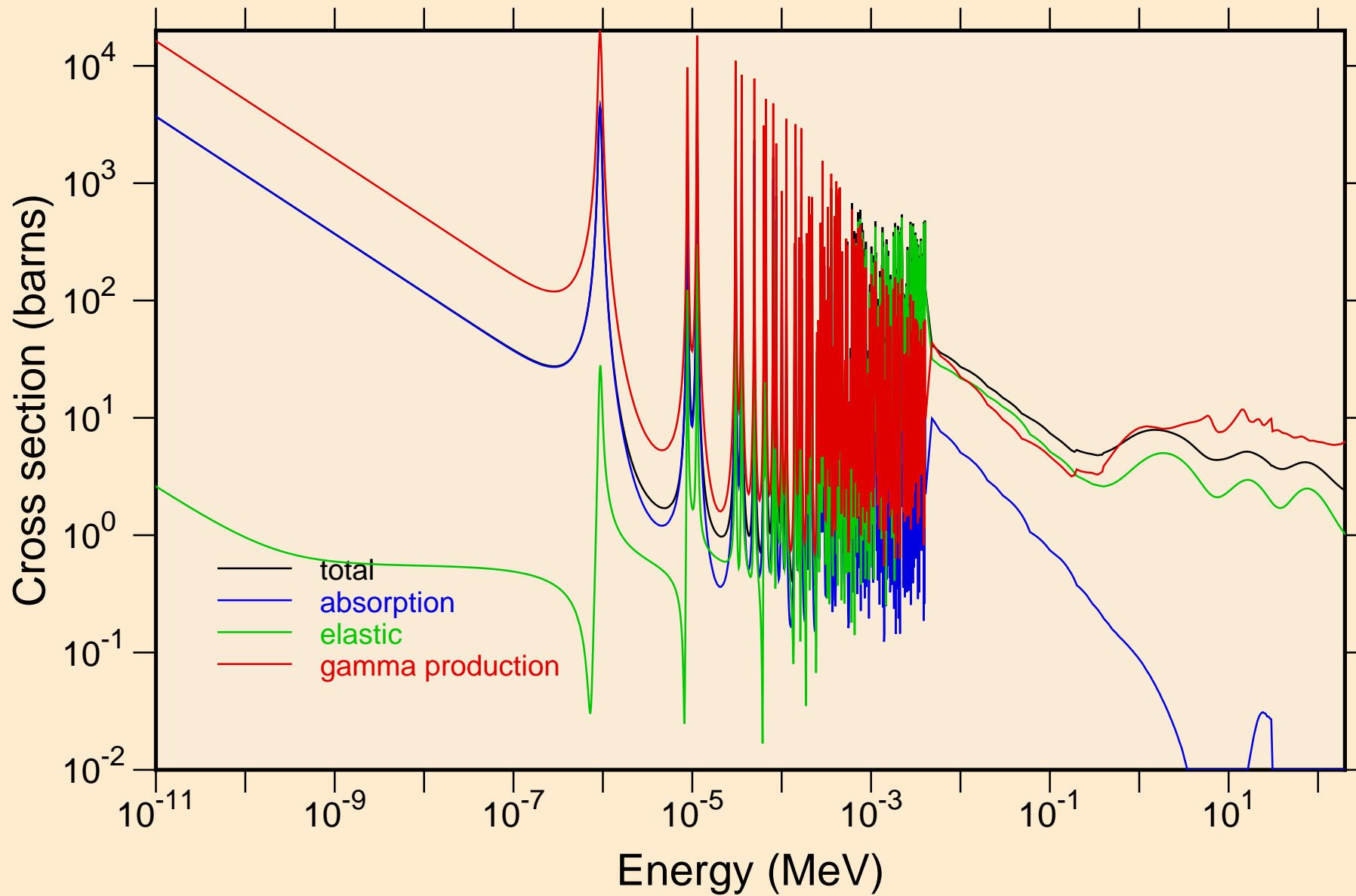
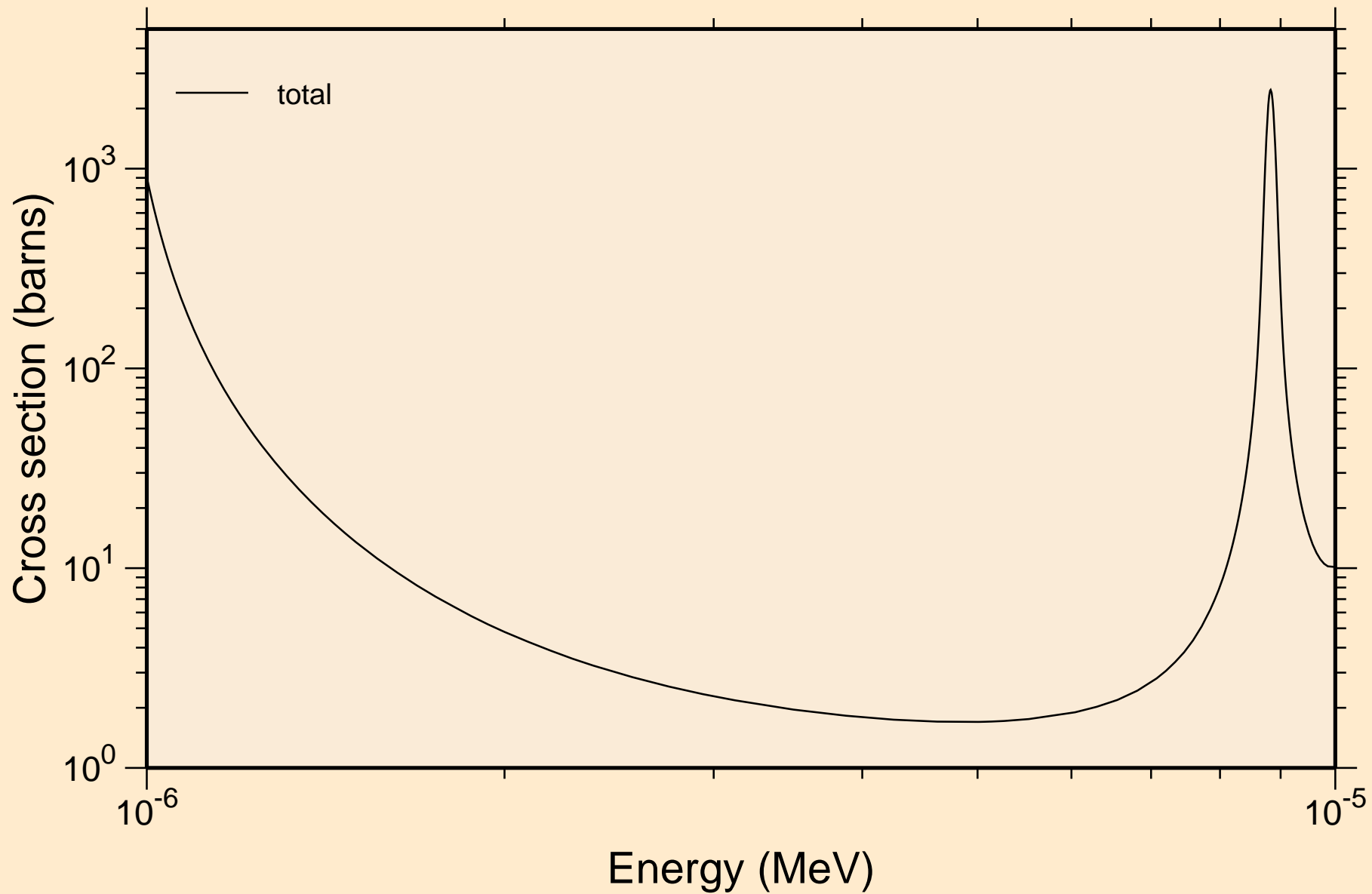


# PM154M NRG TENDL-2015, AKONING

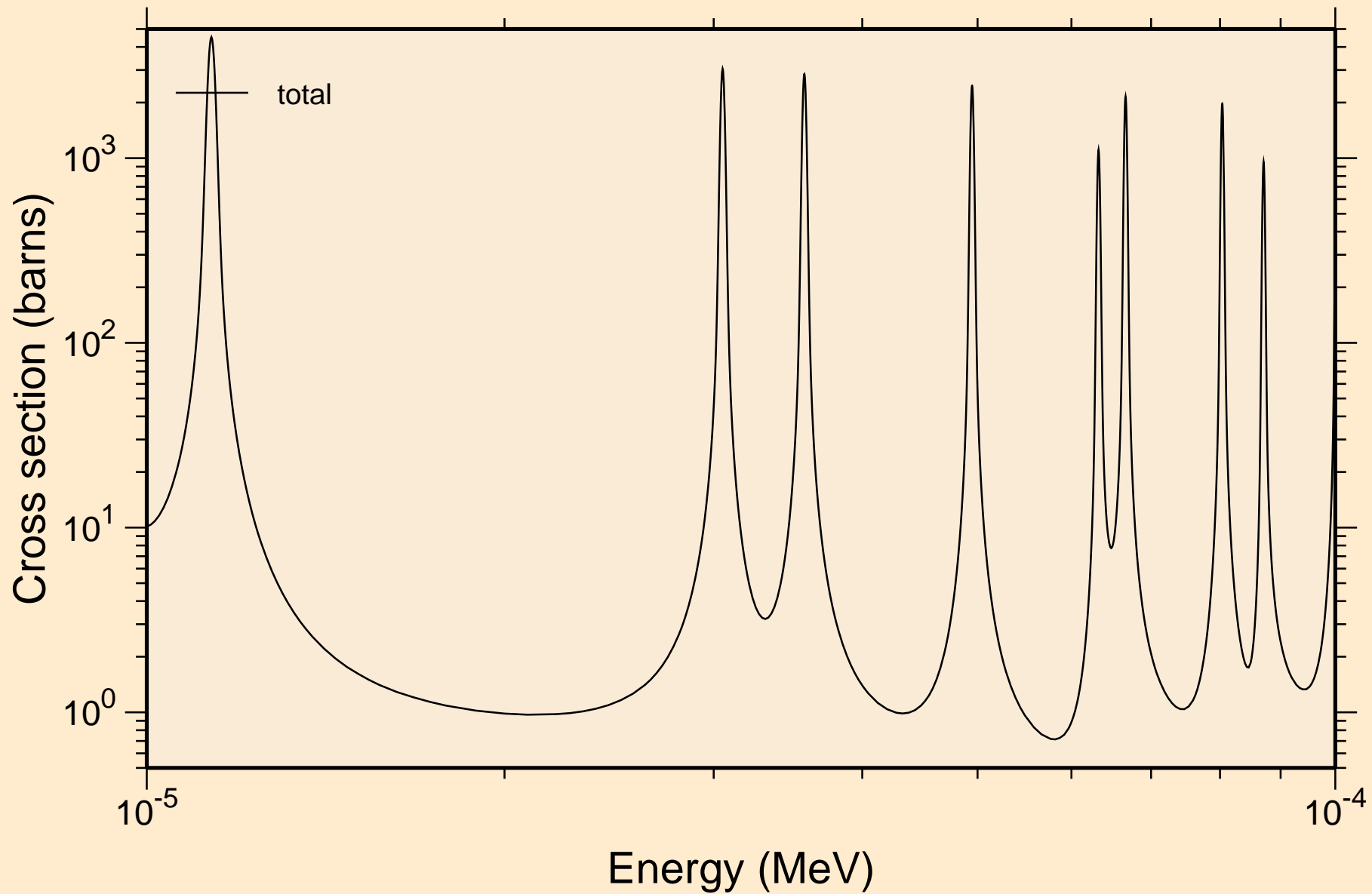
## Principal cross sections



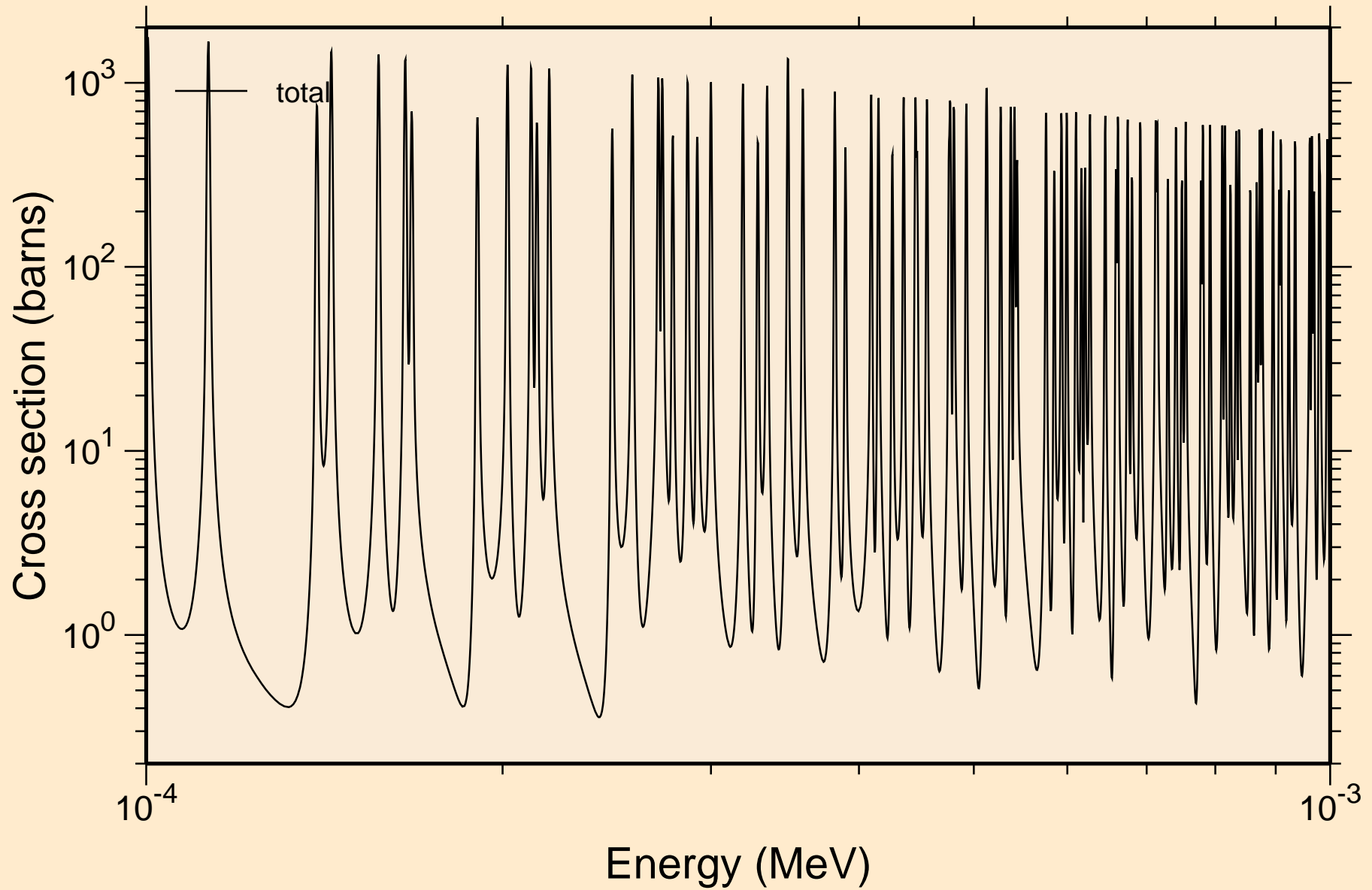
PM154M NRG TENDL-2015, AKONING  
resonance total cross section



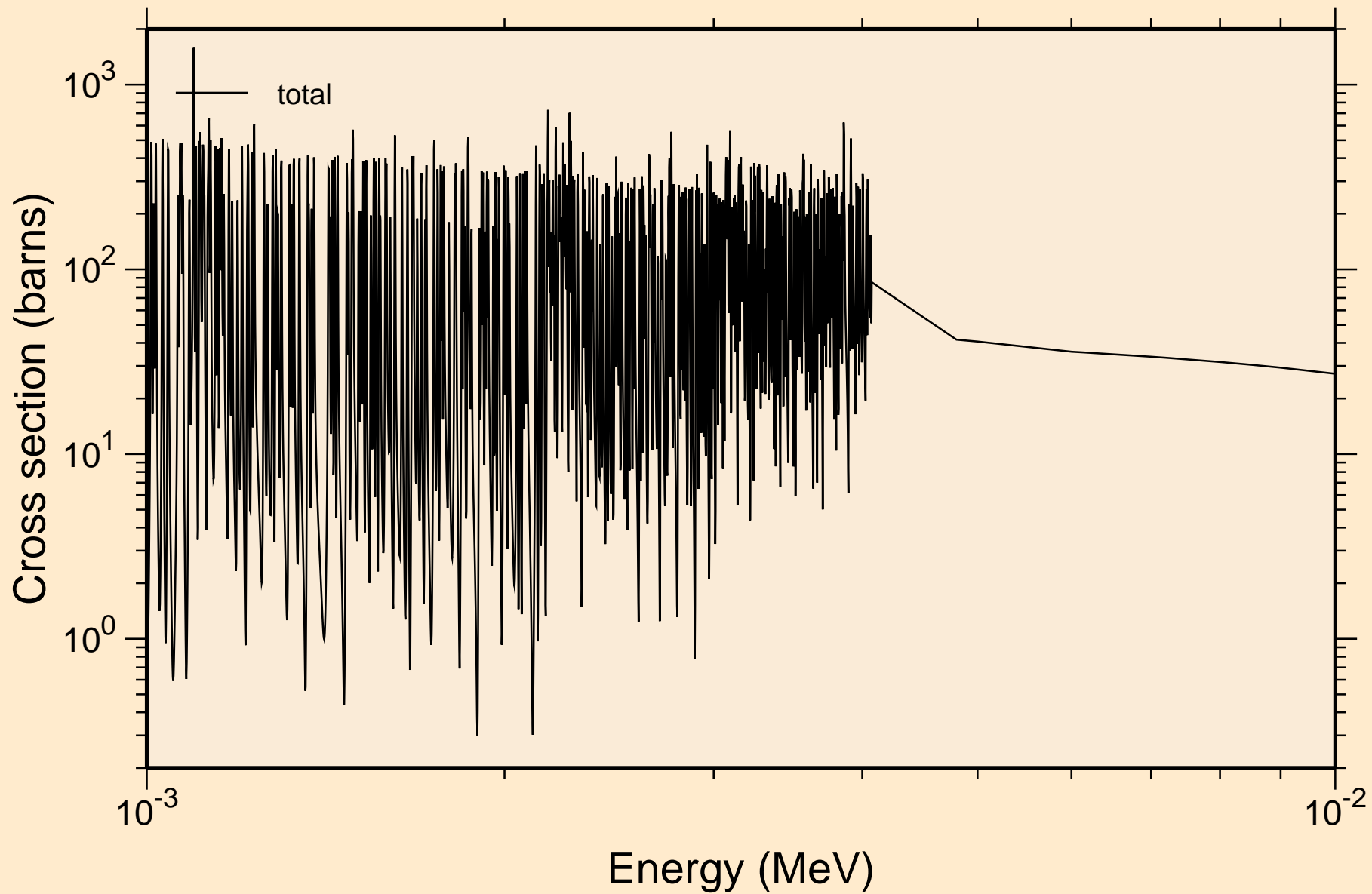
PM154M NRG TENDL-2015, AKONING  
resonance total cross section



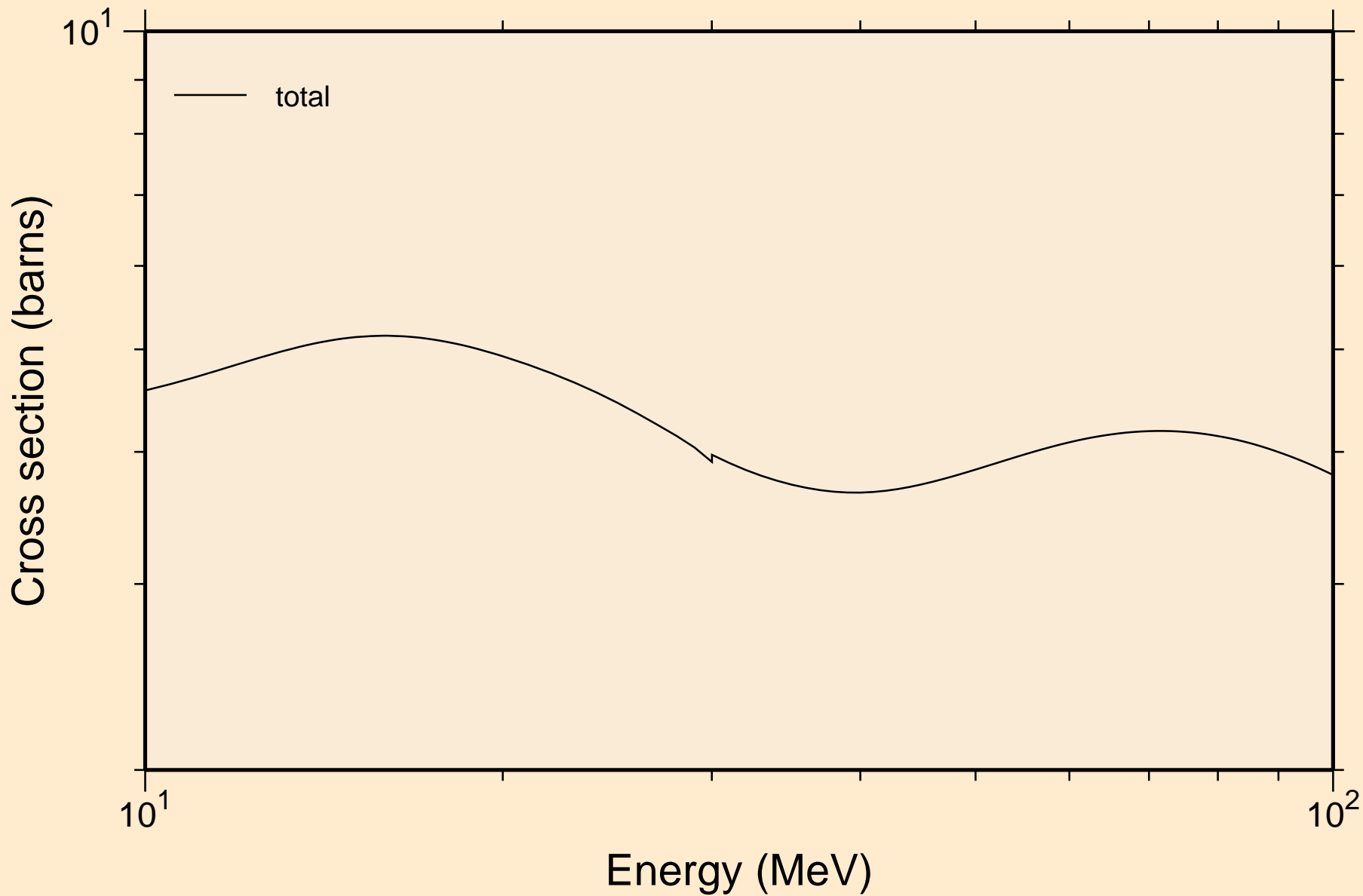
PM154M NRG TENDL-2015, AKONING  
resonance total cross section



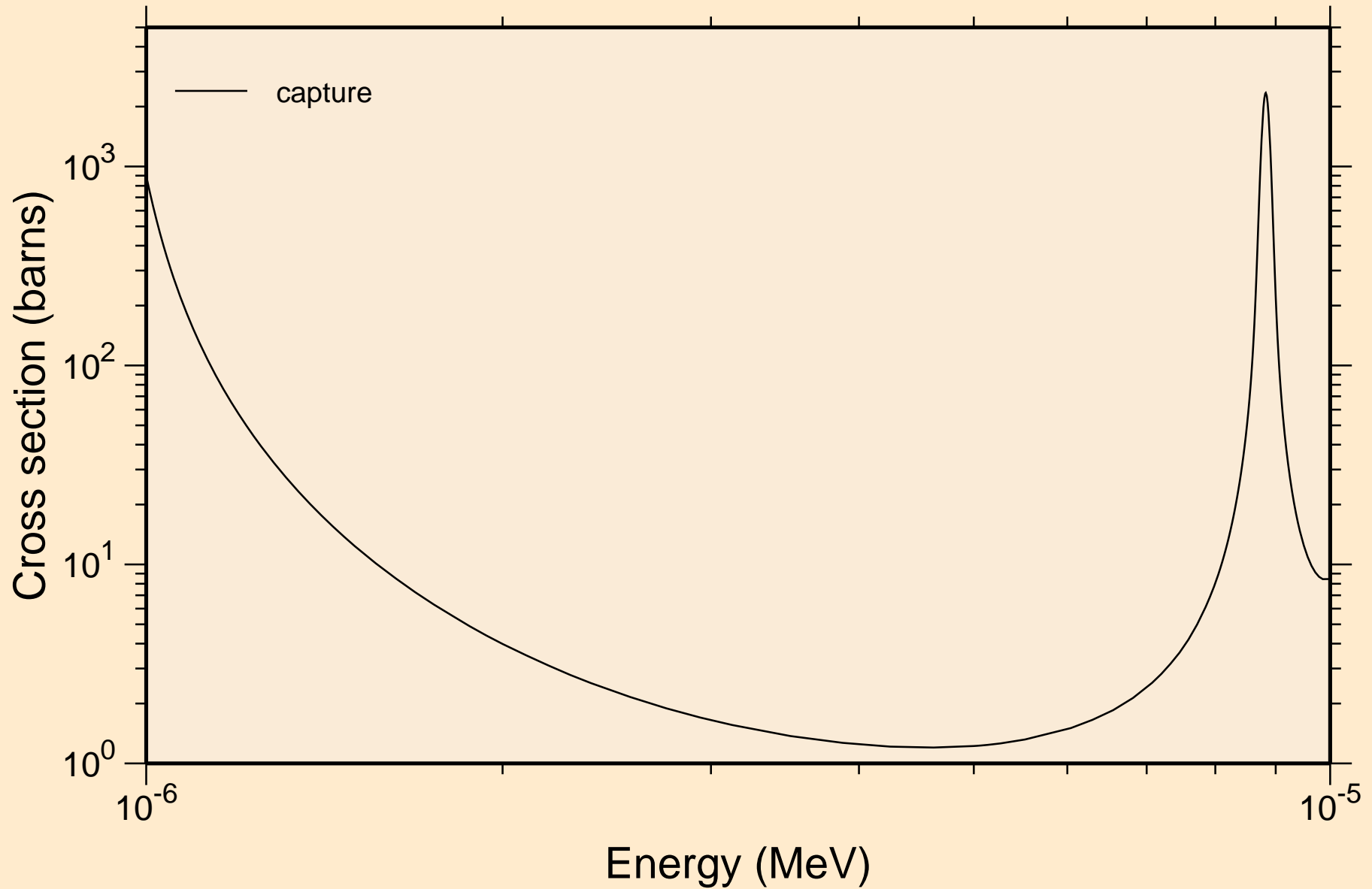
PM154M NRG TENDL-2015, AKONING  
resonance total cross section



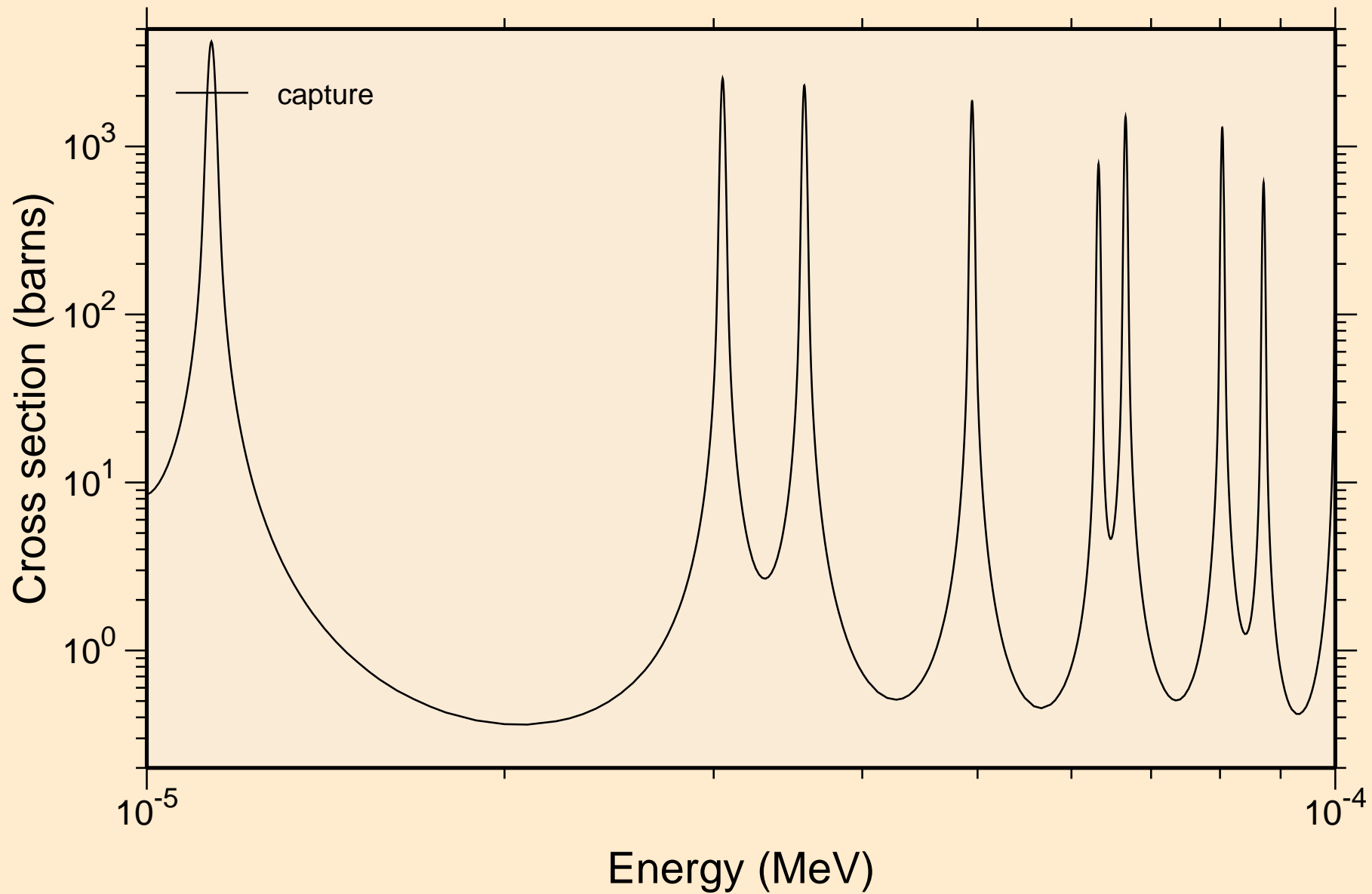
PM154M NRG TENDL-2015, AKONING  
resonance total cross section



PM154M NRG TENDL-2015, AKONING  
resonance absorption cross sections

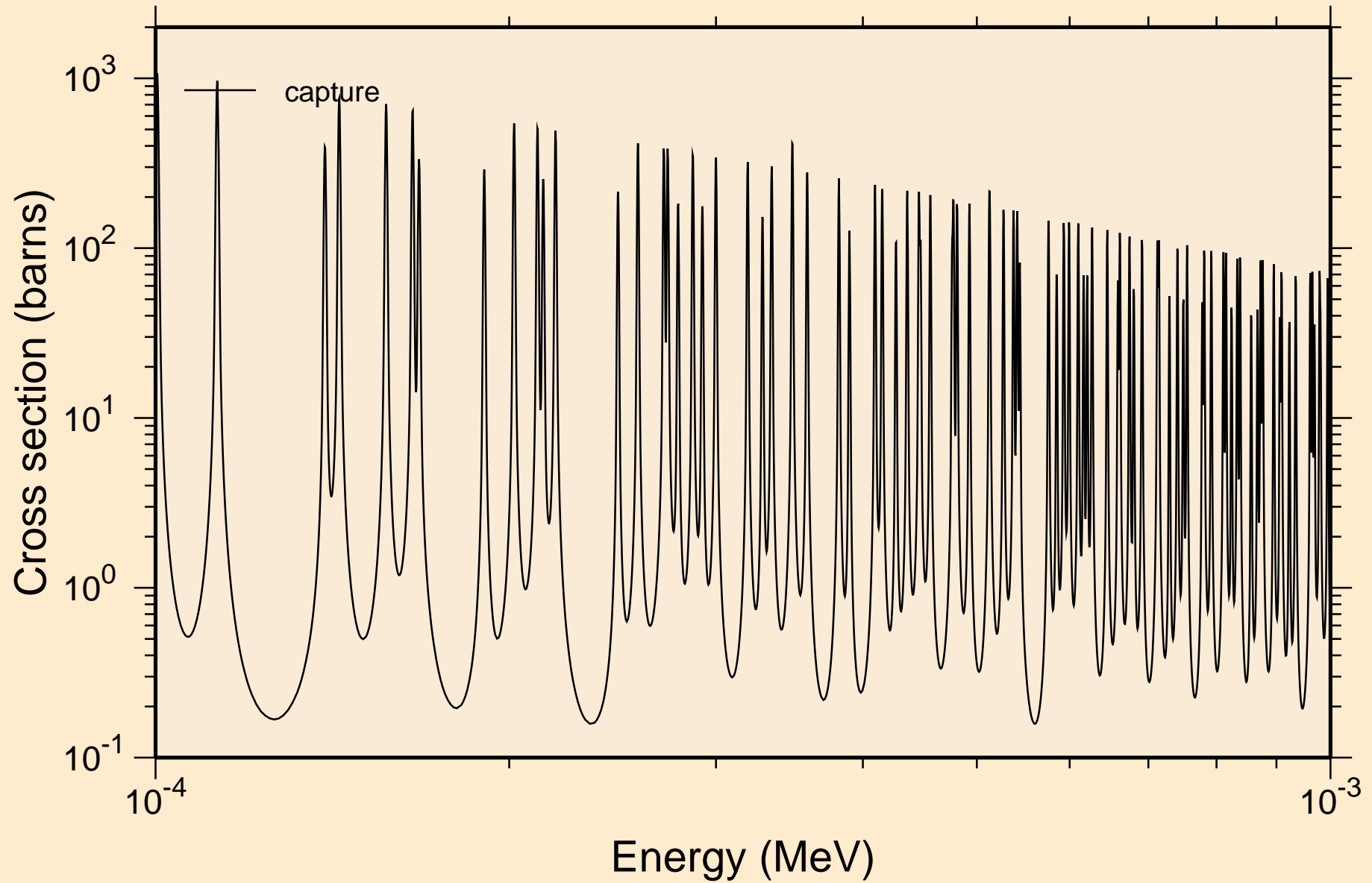


PM154M NRG TENDL-2015, AKONING  
resonance absorption cross sections

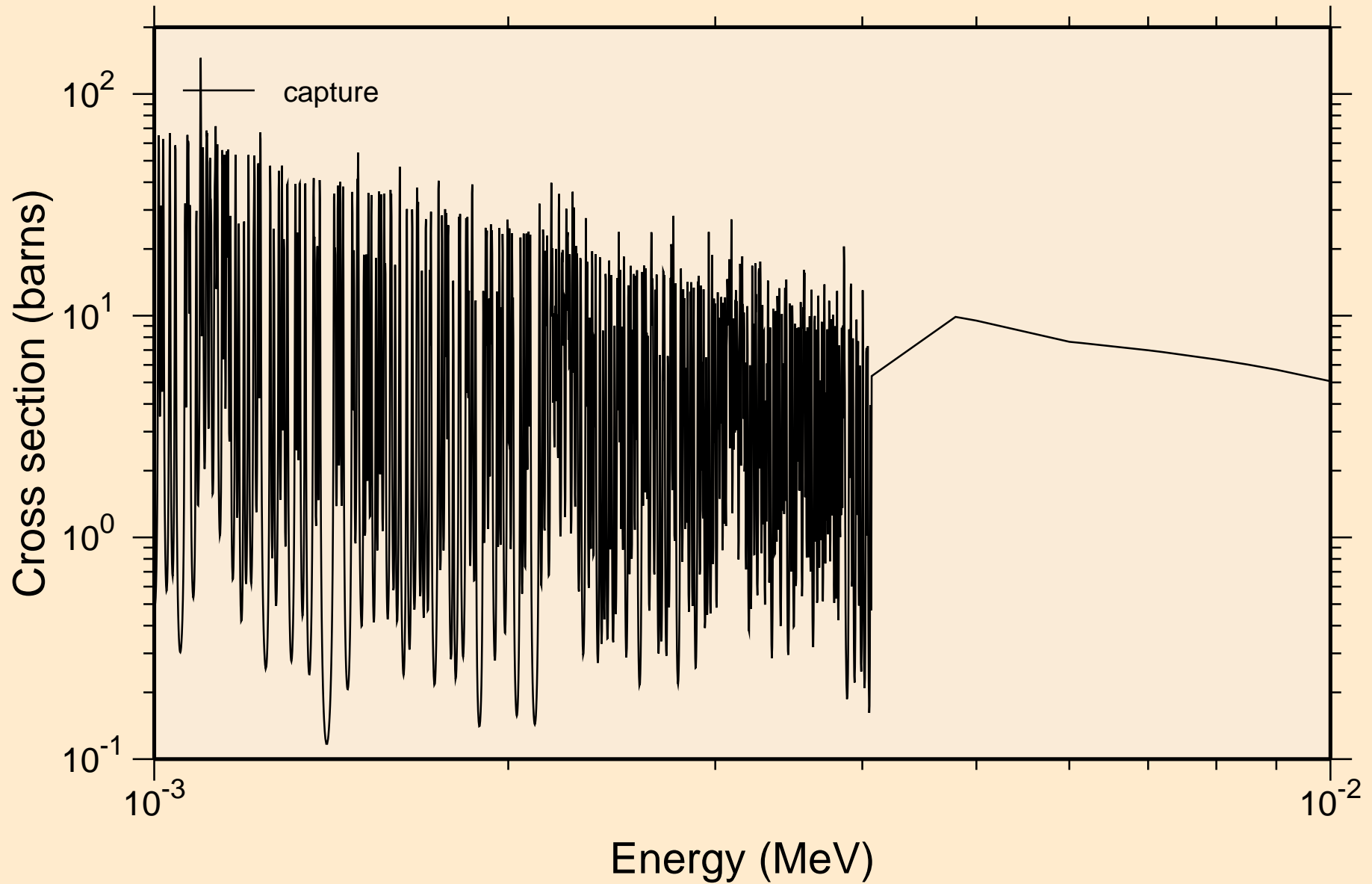




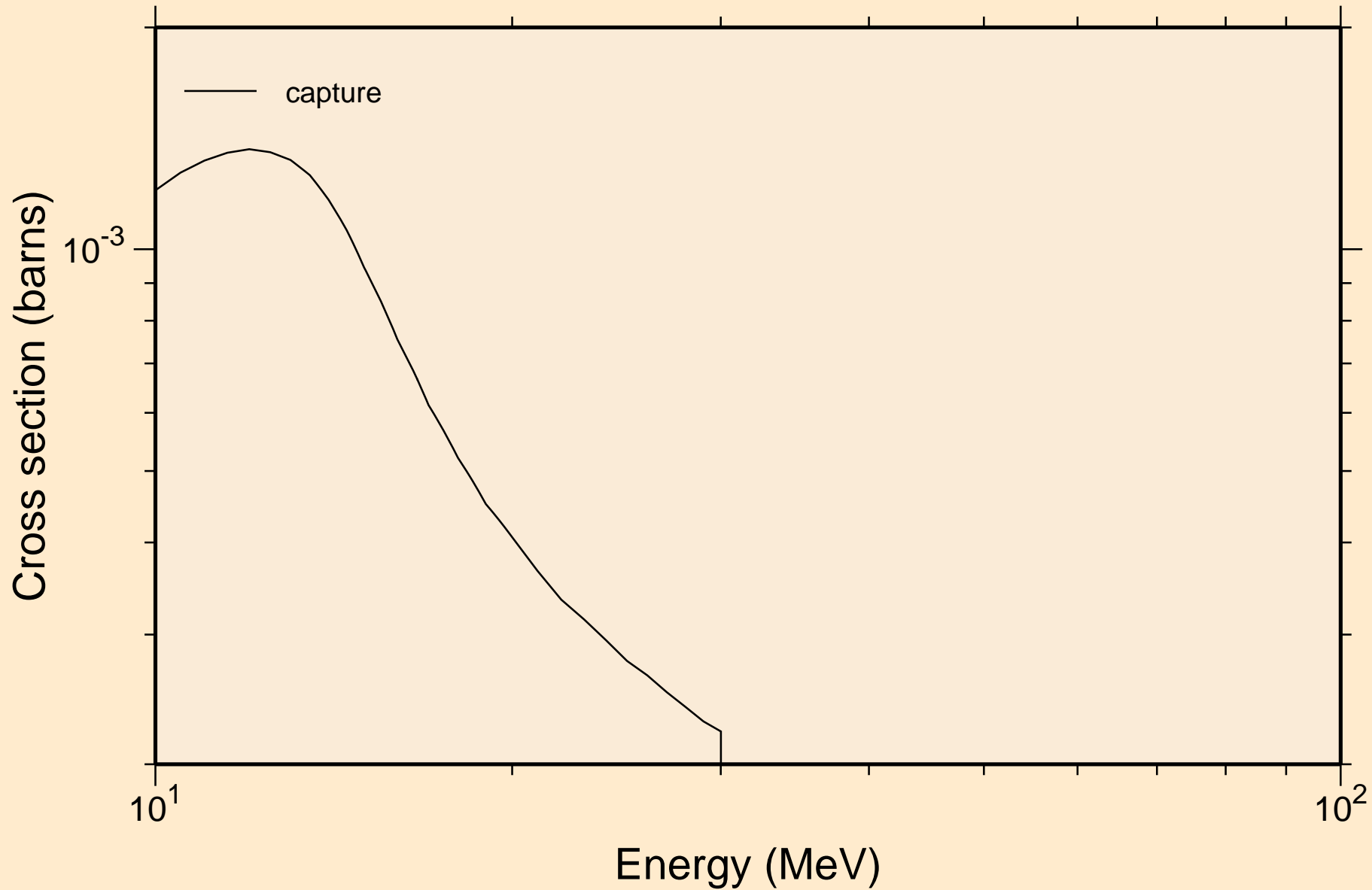
PM154M NRG TENDL-2015, AKONING  
resonance absorption cross sections



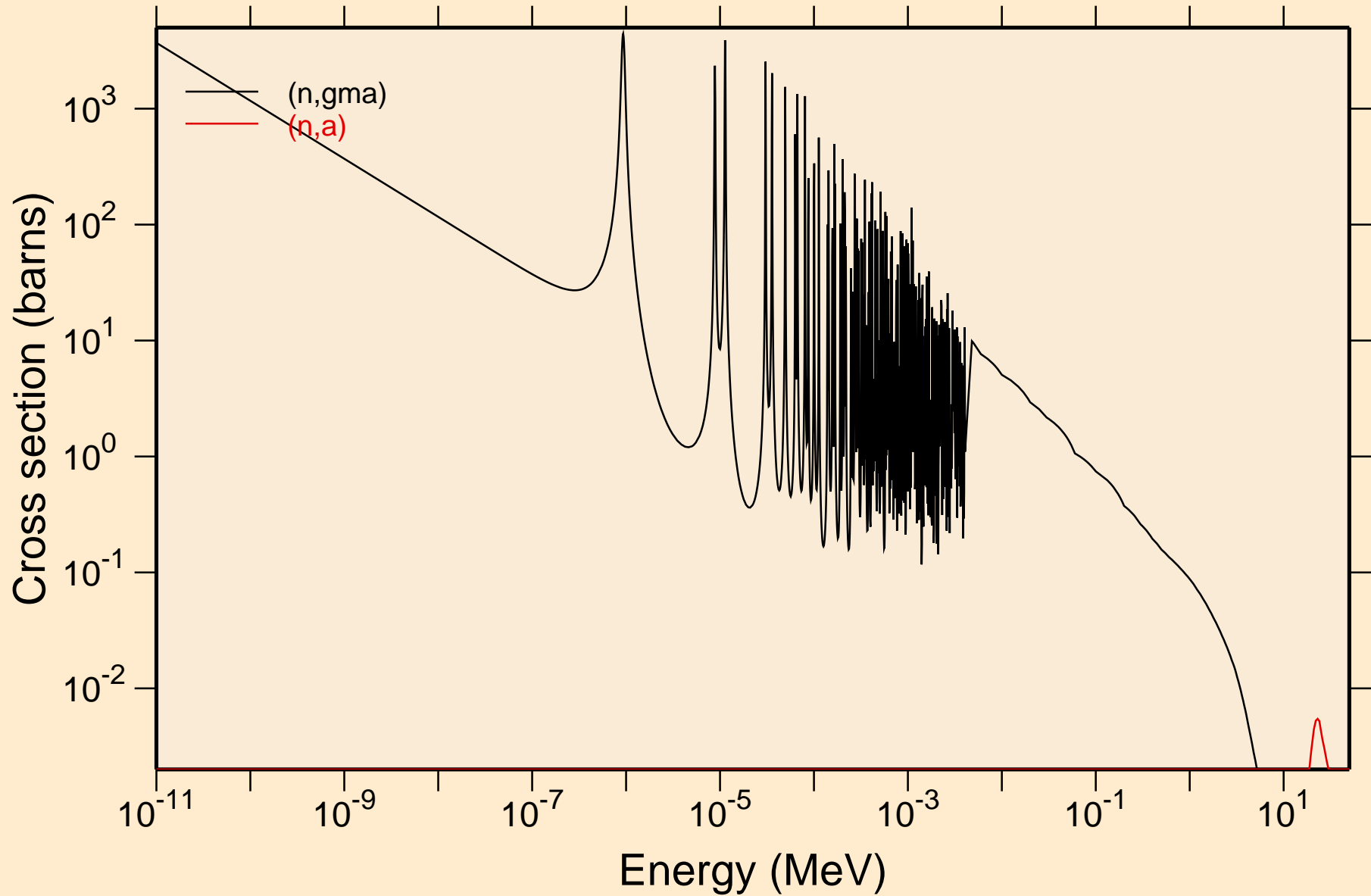
PM154M NRG TENDL-2015, AKONING  
resonance absorption cross sections



PM154M NRG TENDL-2015, AKONING  
resonance absorption cross sections

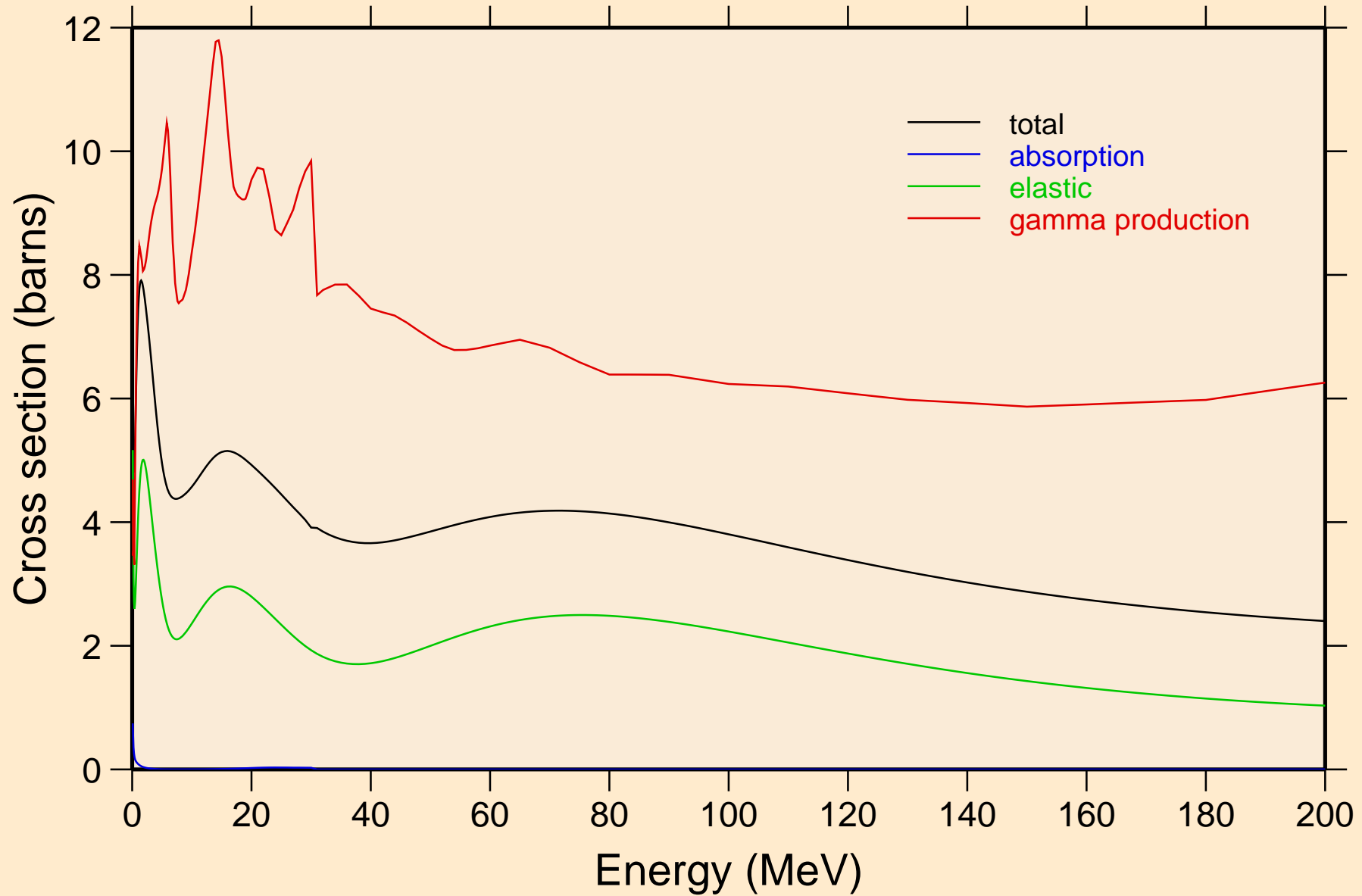


PM154M NRG TENDL-2015, AKONING  
Non-threshold reactions



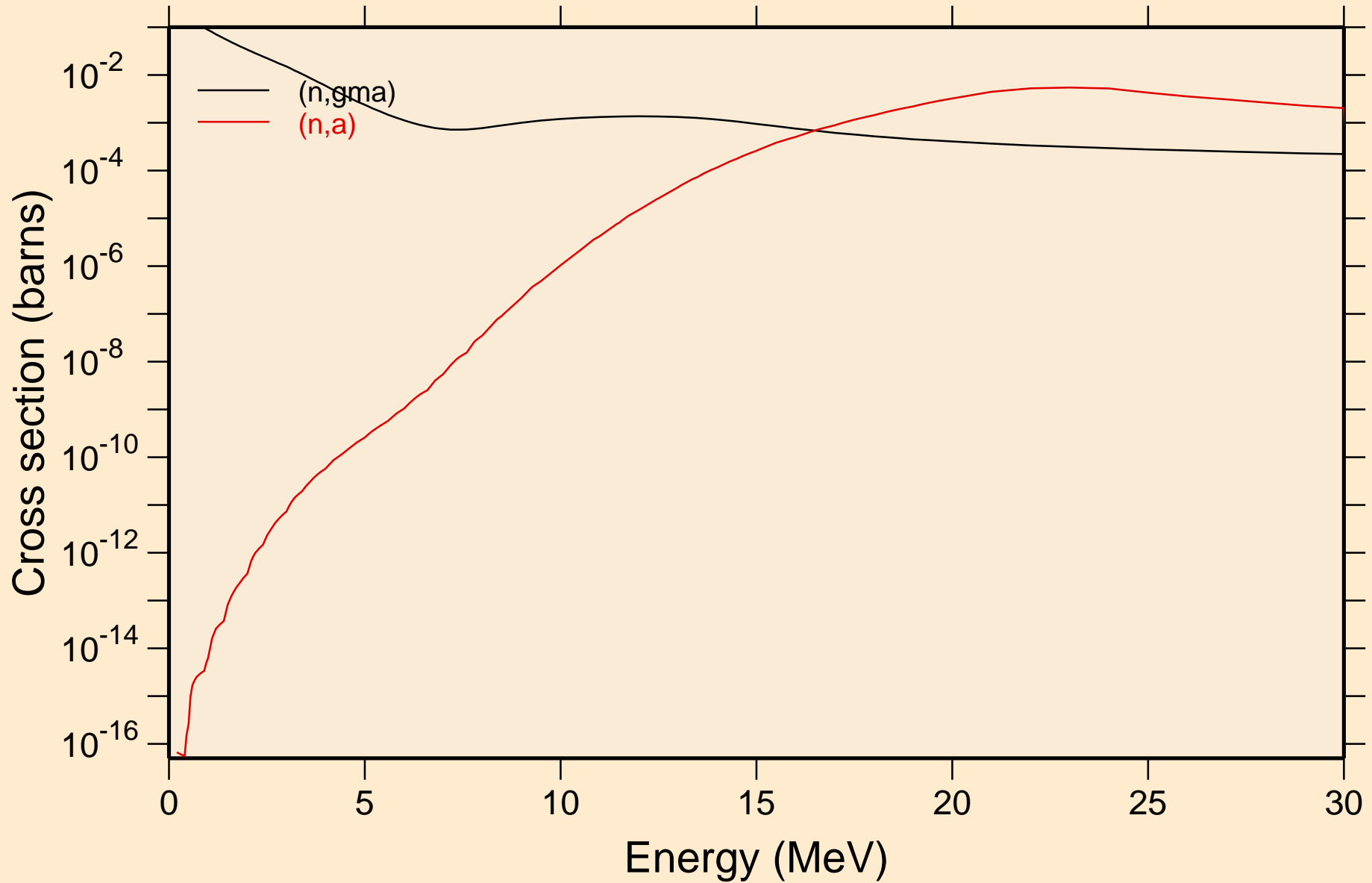
# PM154M NRG TENDL-2015, AKONING

## Principal cross sections



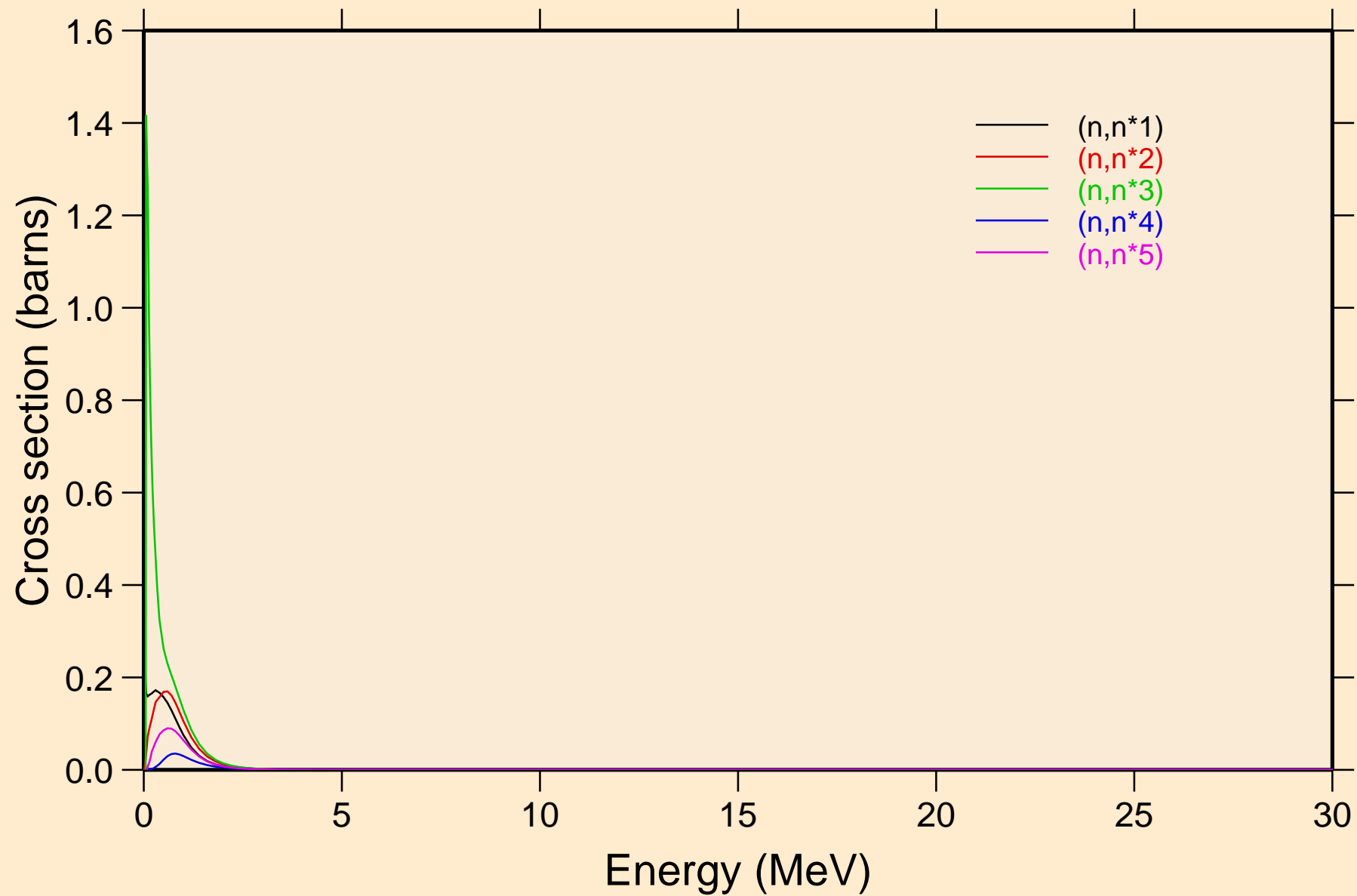
# PM154M NRG TENDL-2015, AKONING

## Non-threshold reactions



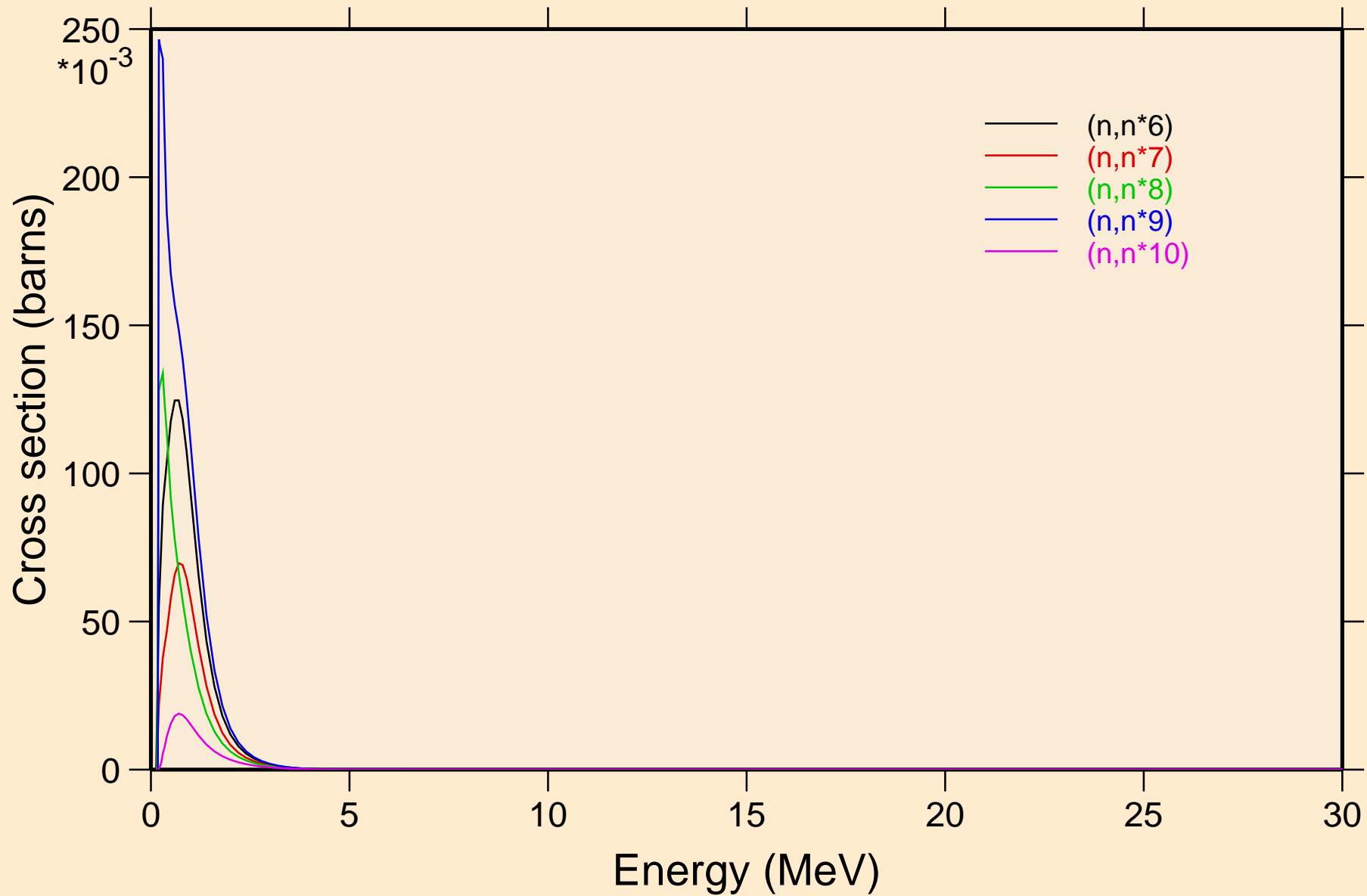
# PM154M NRG TENDL-2015, AKONING

## Inelastic levels



# PM154M NRG TENDL-2015, AKONING

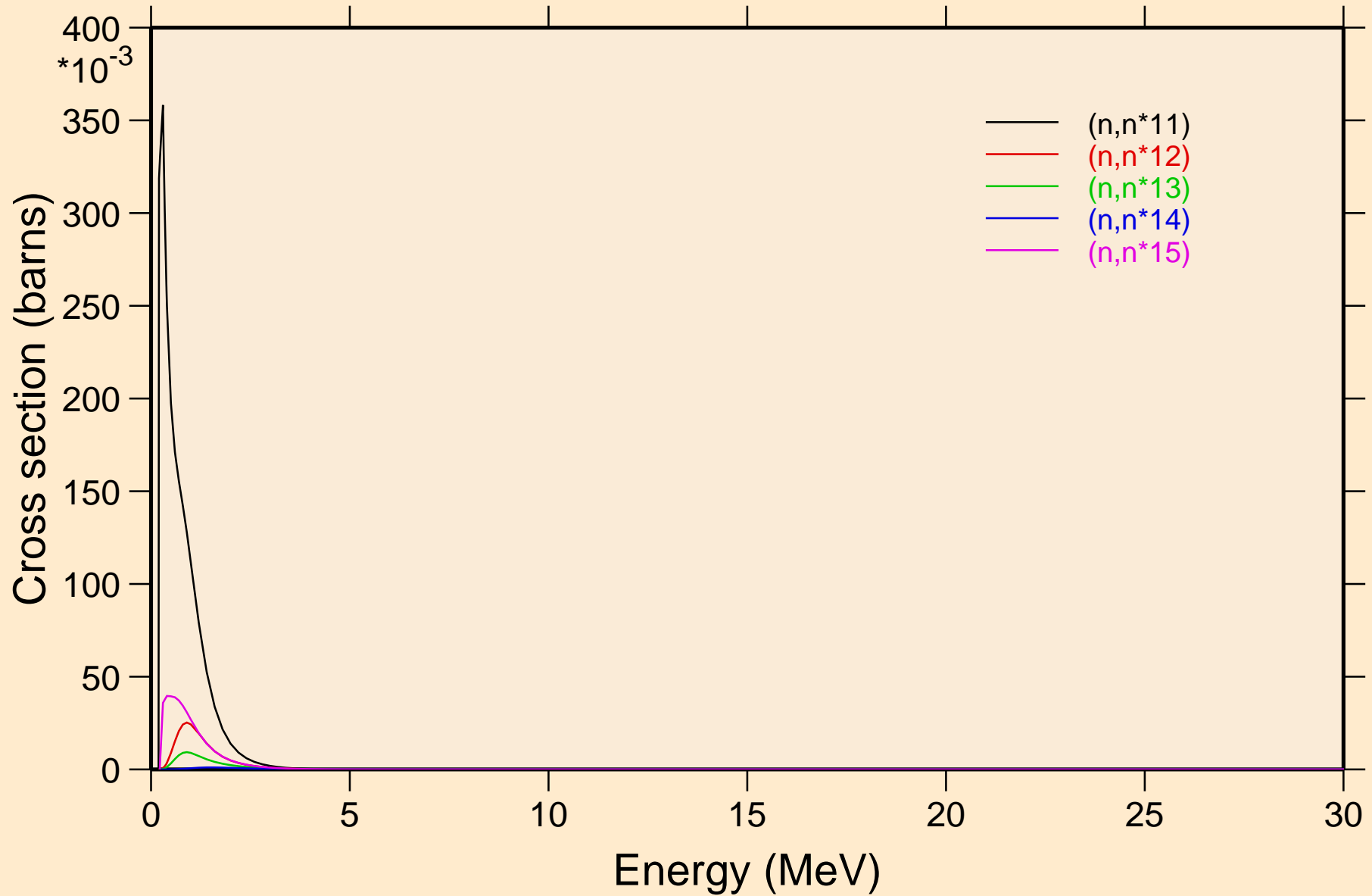
## Inelastic levels





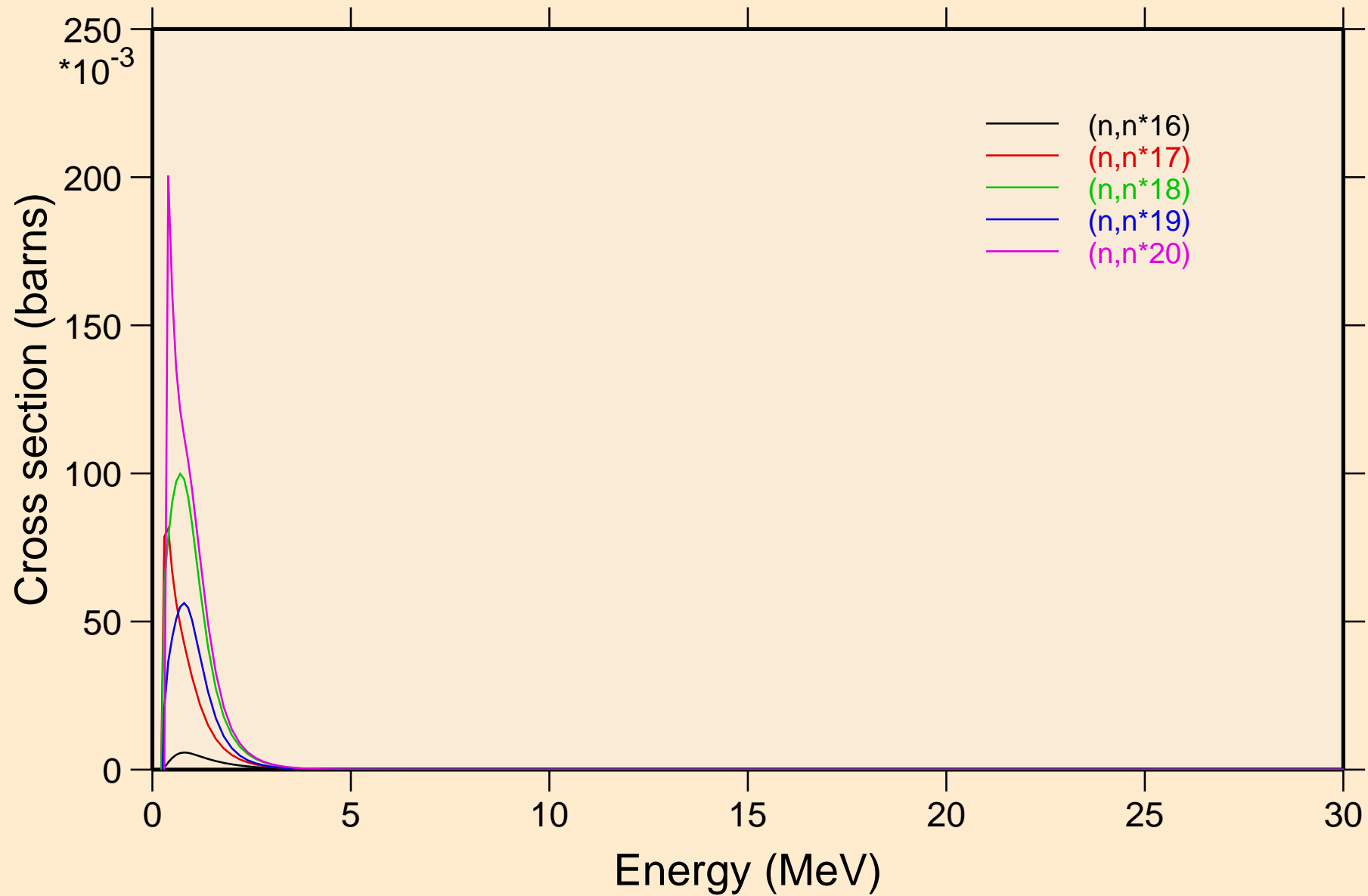
# PM154M NRG TENDL-2015, AKONING

## Inelastic levels



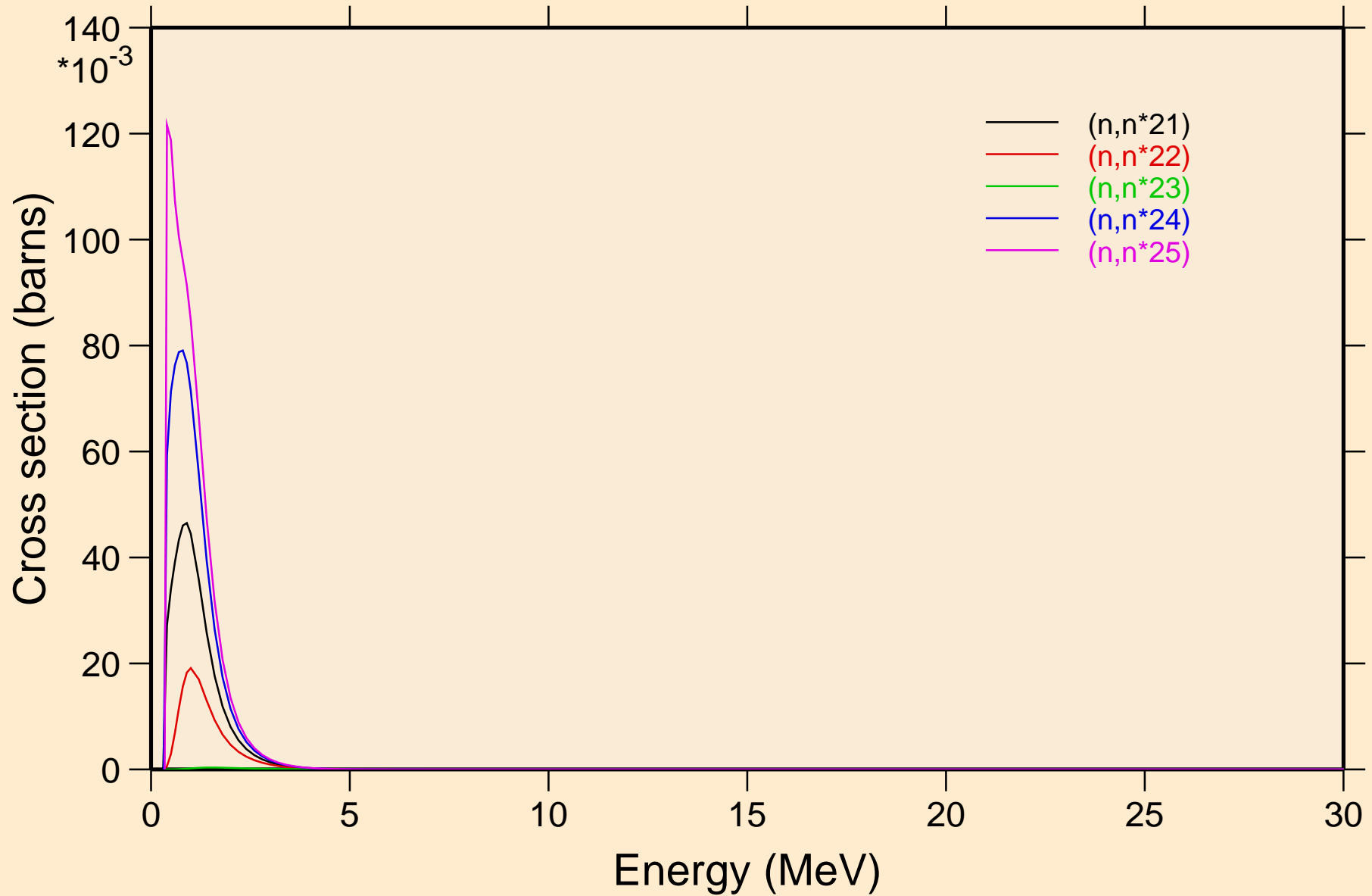
# PM154M NRG TENDL-2015, AKONING

## Inelastic levels



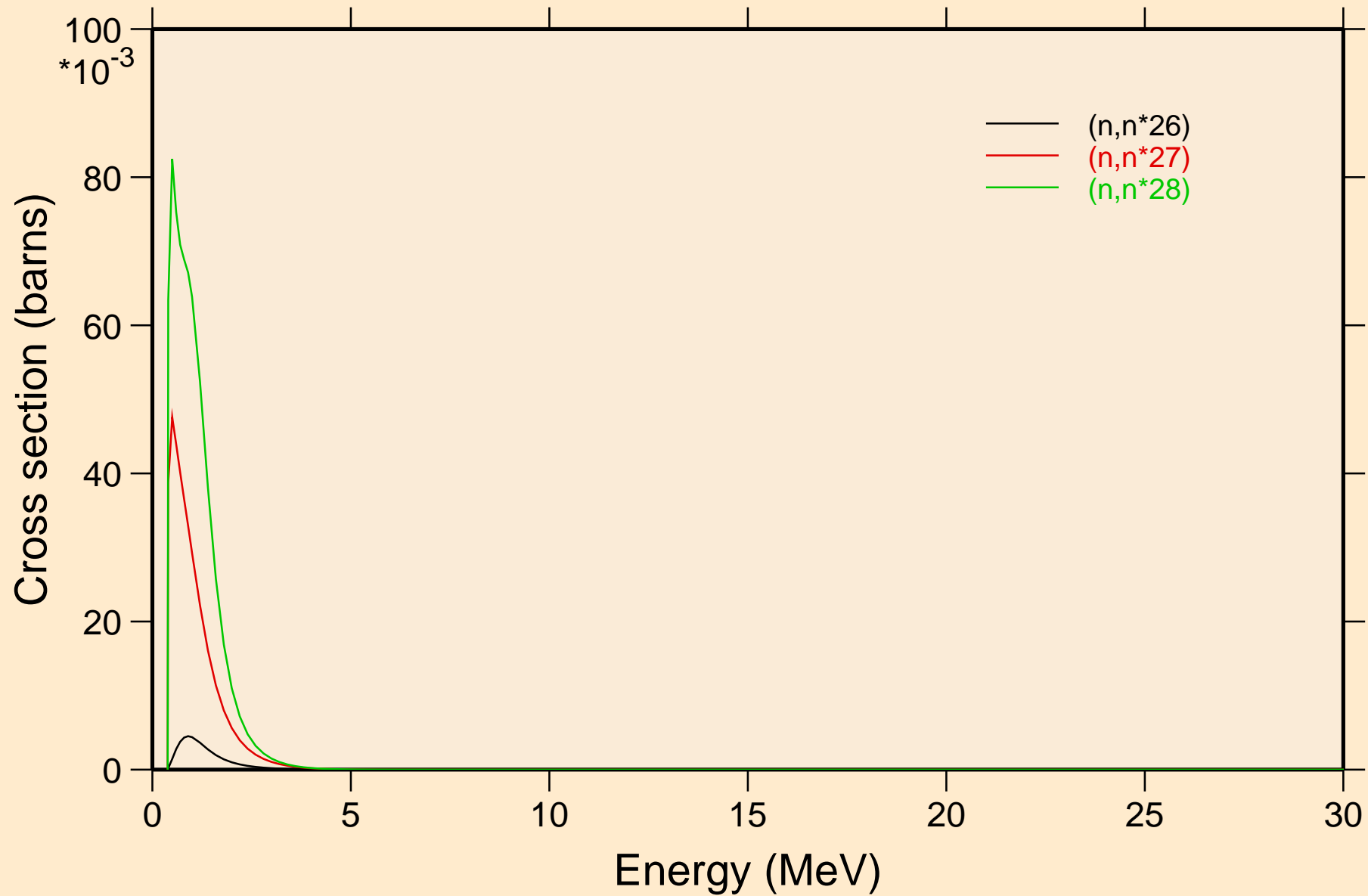
# PM154M NRG TENDL-2015, AKONING

## Inelastic levels



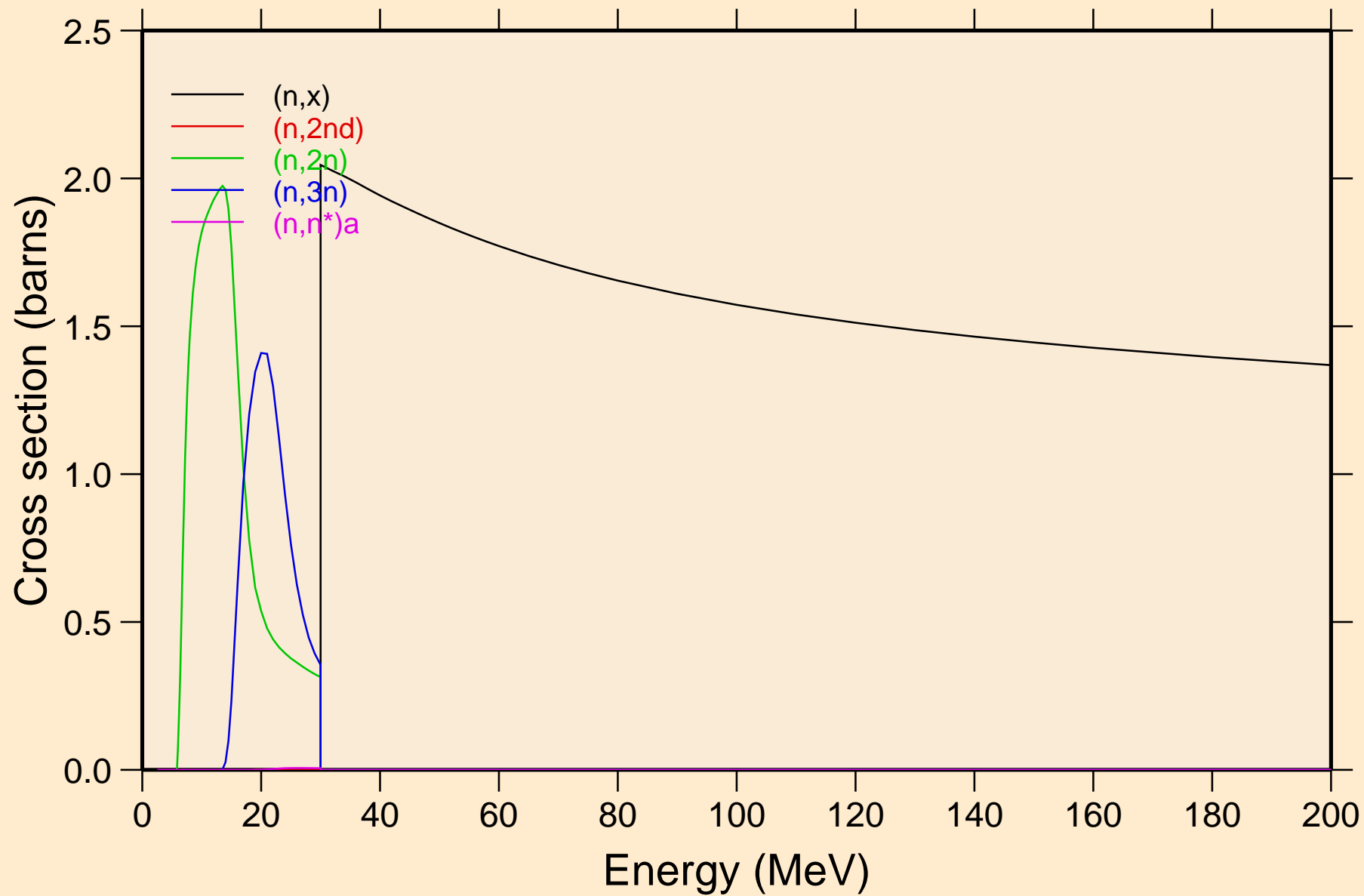
# PM154M NRG TENDL-2015, AKONING

## Inelastic levels



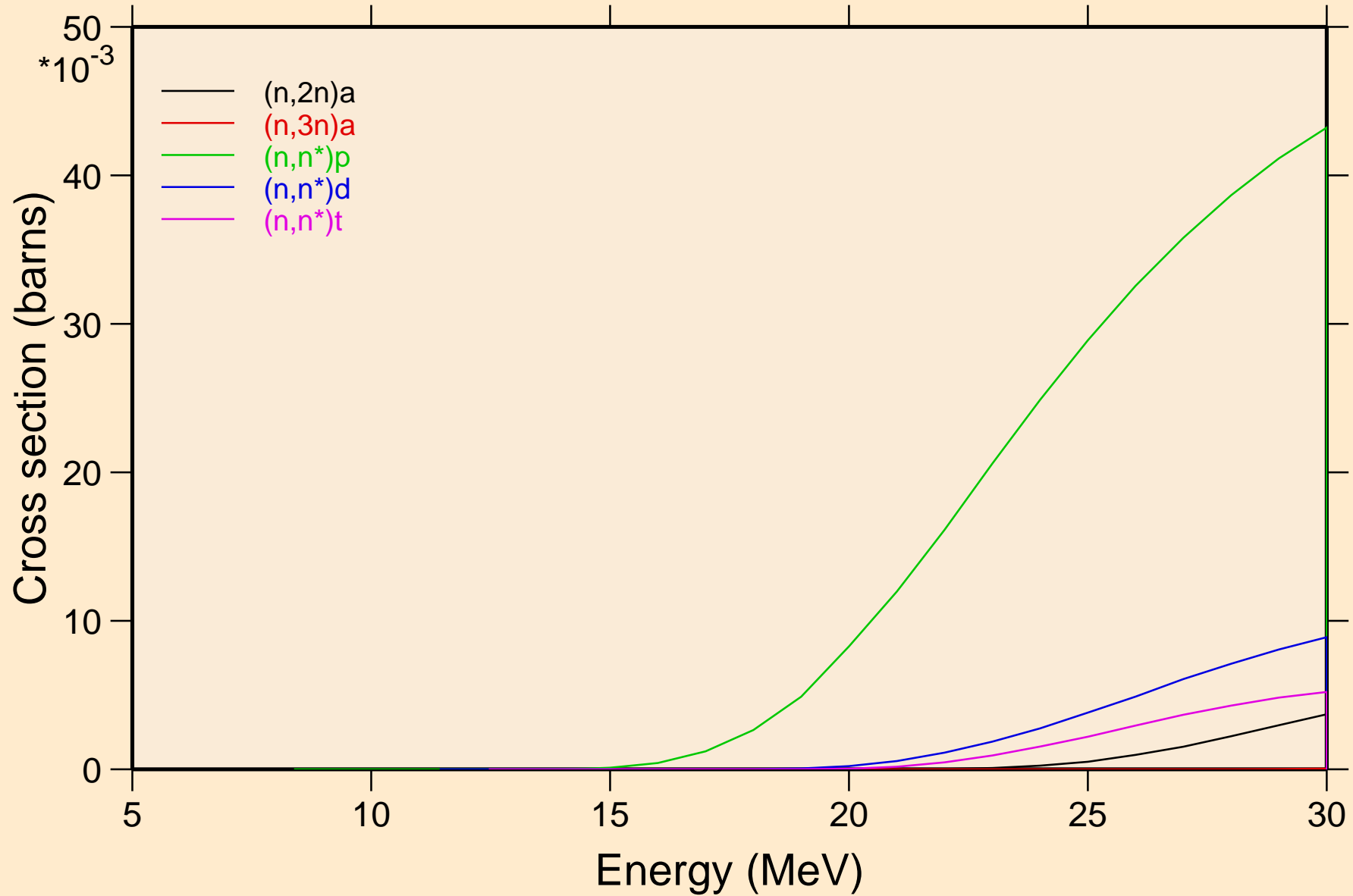
# PM154M NRG TENDL-2015, AKONING

## Threshold reactions



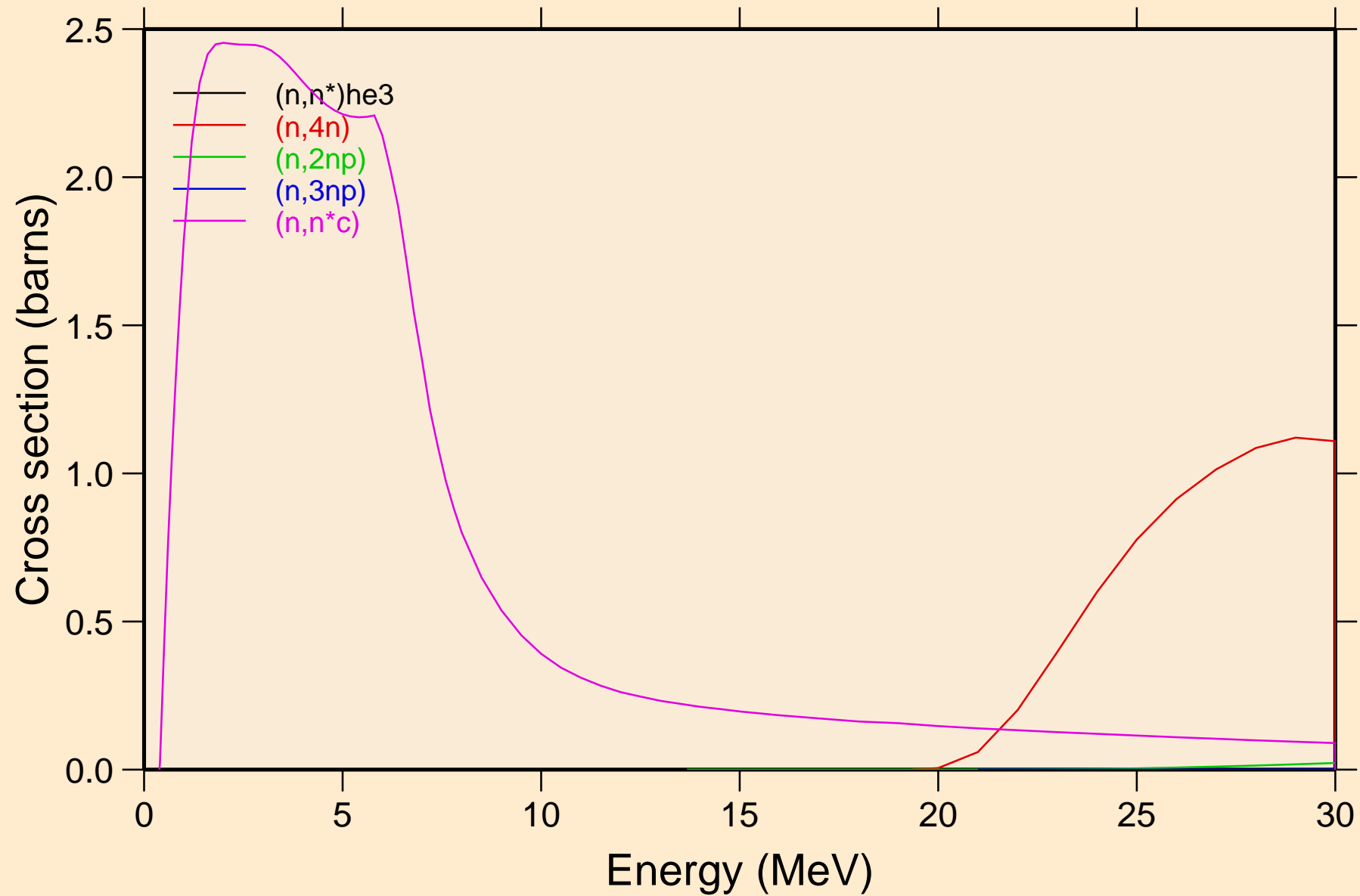
# PM154M NRG TENDL-2015, AKONING

## Threshold reactions



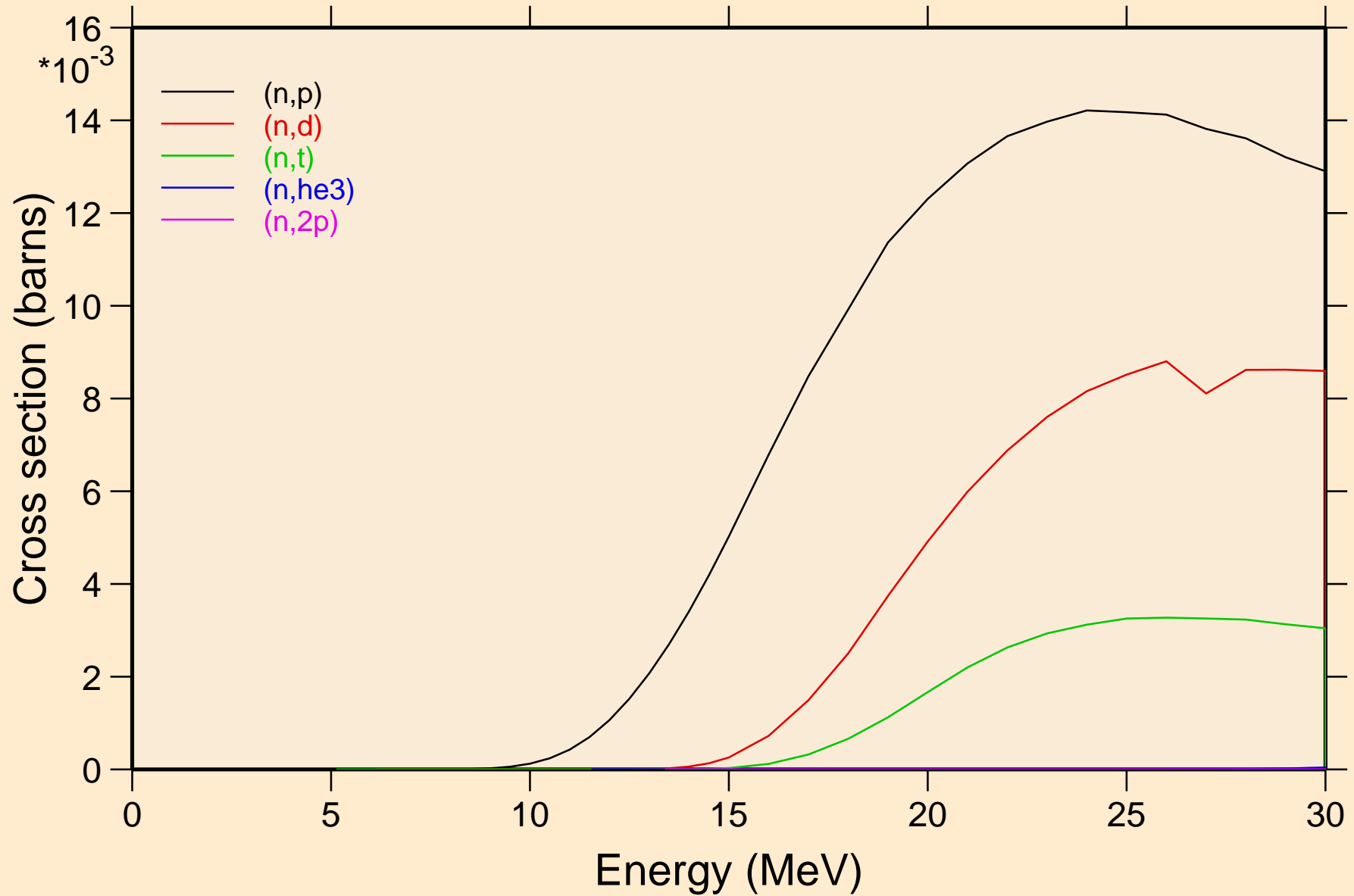
# PM154M NRG TENDL-2015, AKONING

## Threshold reactions



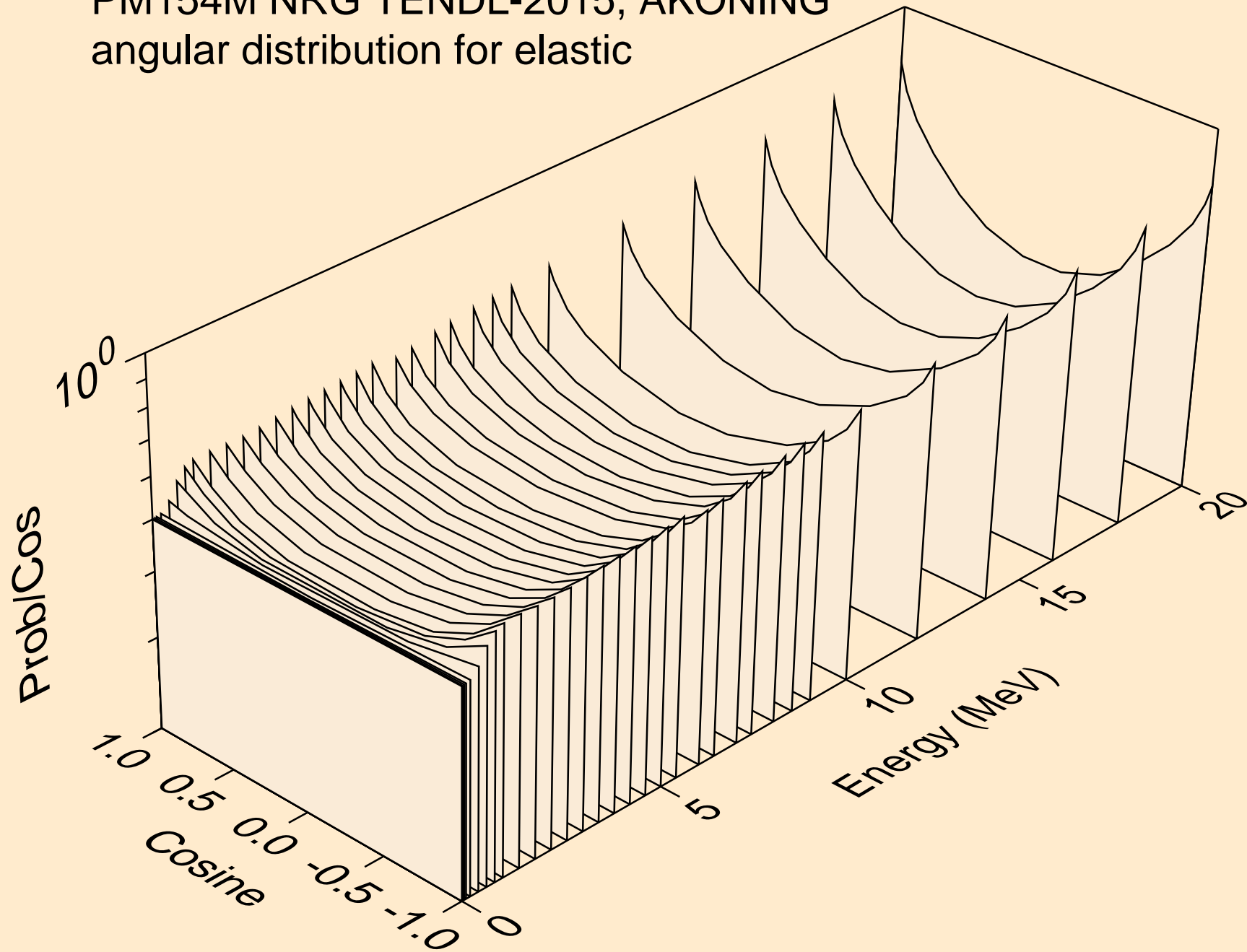
# PM154M NRG TENDL-2015, AKONING

## Threshold reactions

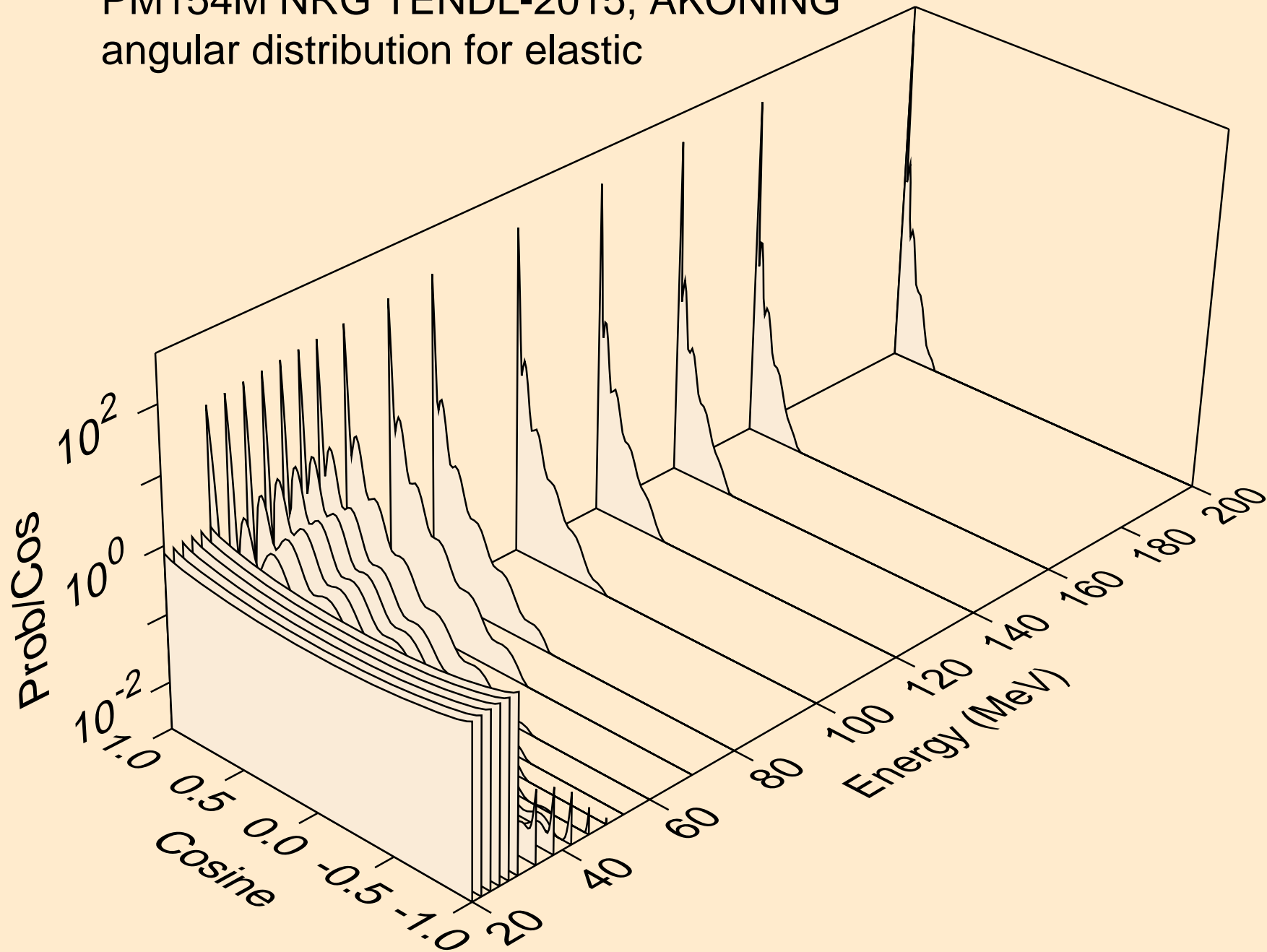




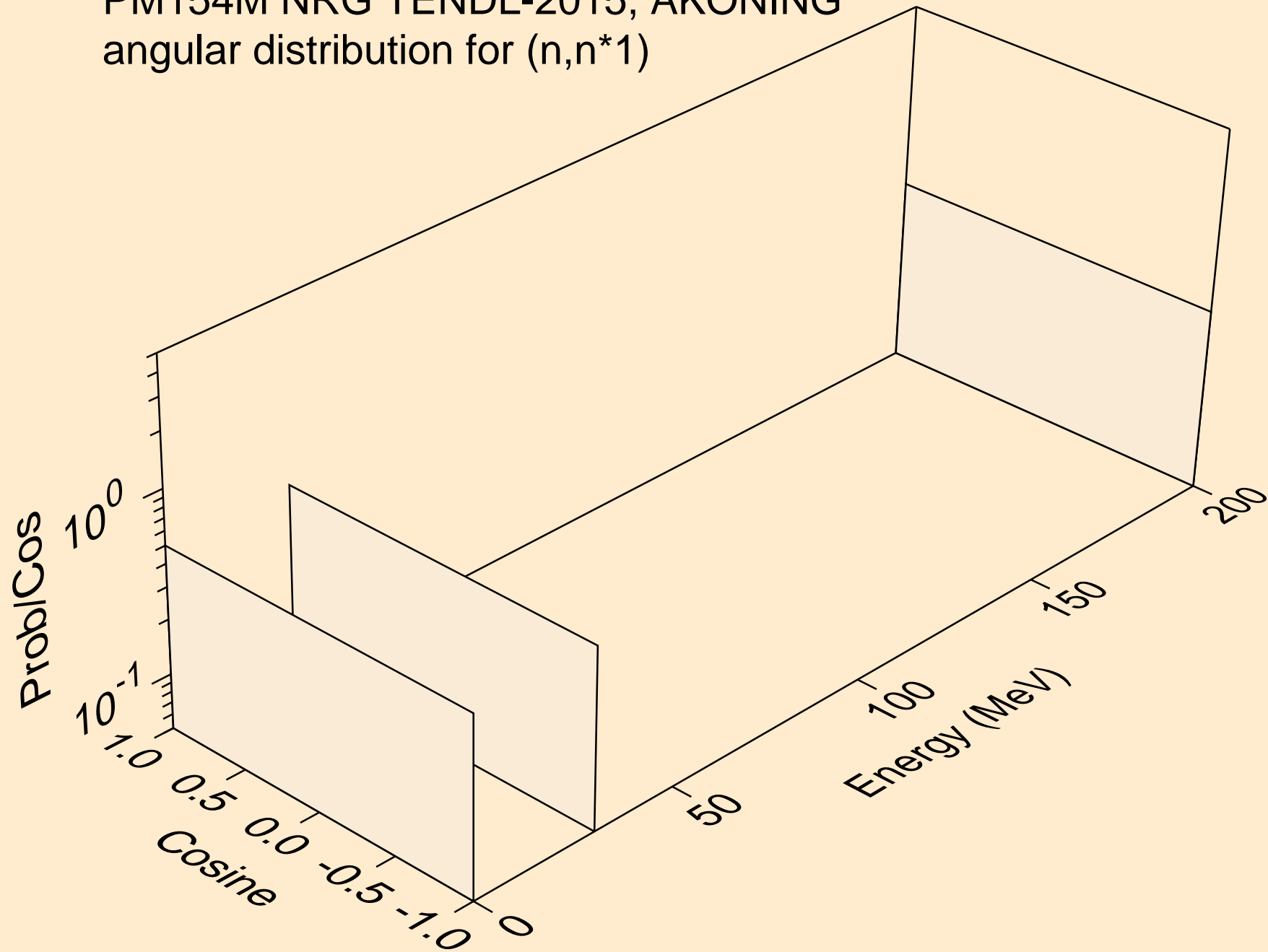
PM154M NRG TENDL-2015, AKONING  
angular distribution for elastic



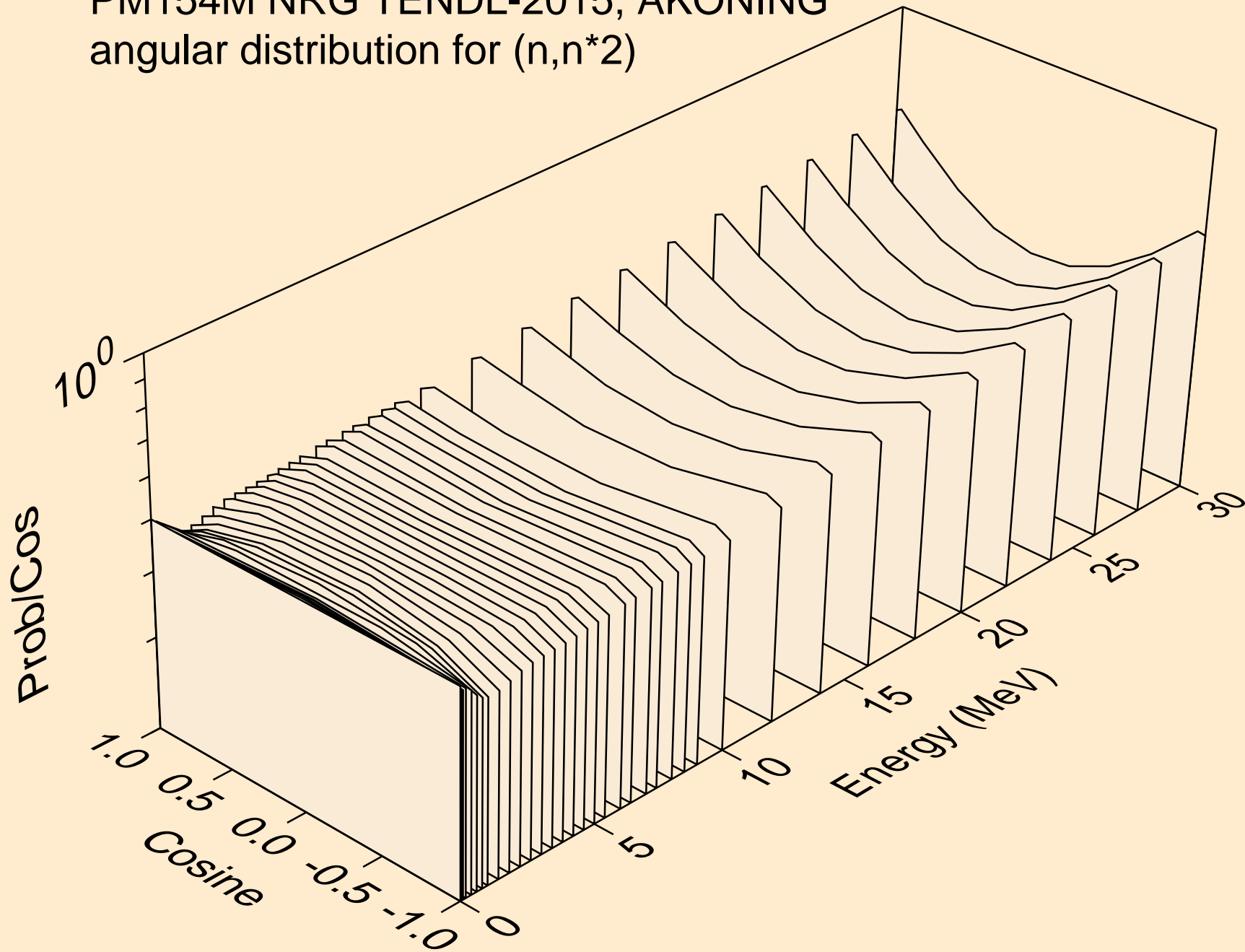
PM154M NRG TENDL-2015, AKONING  
angular distribution for elastic



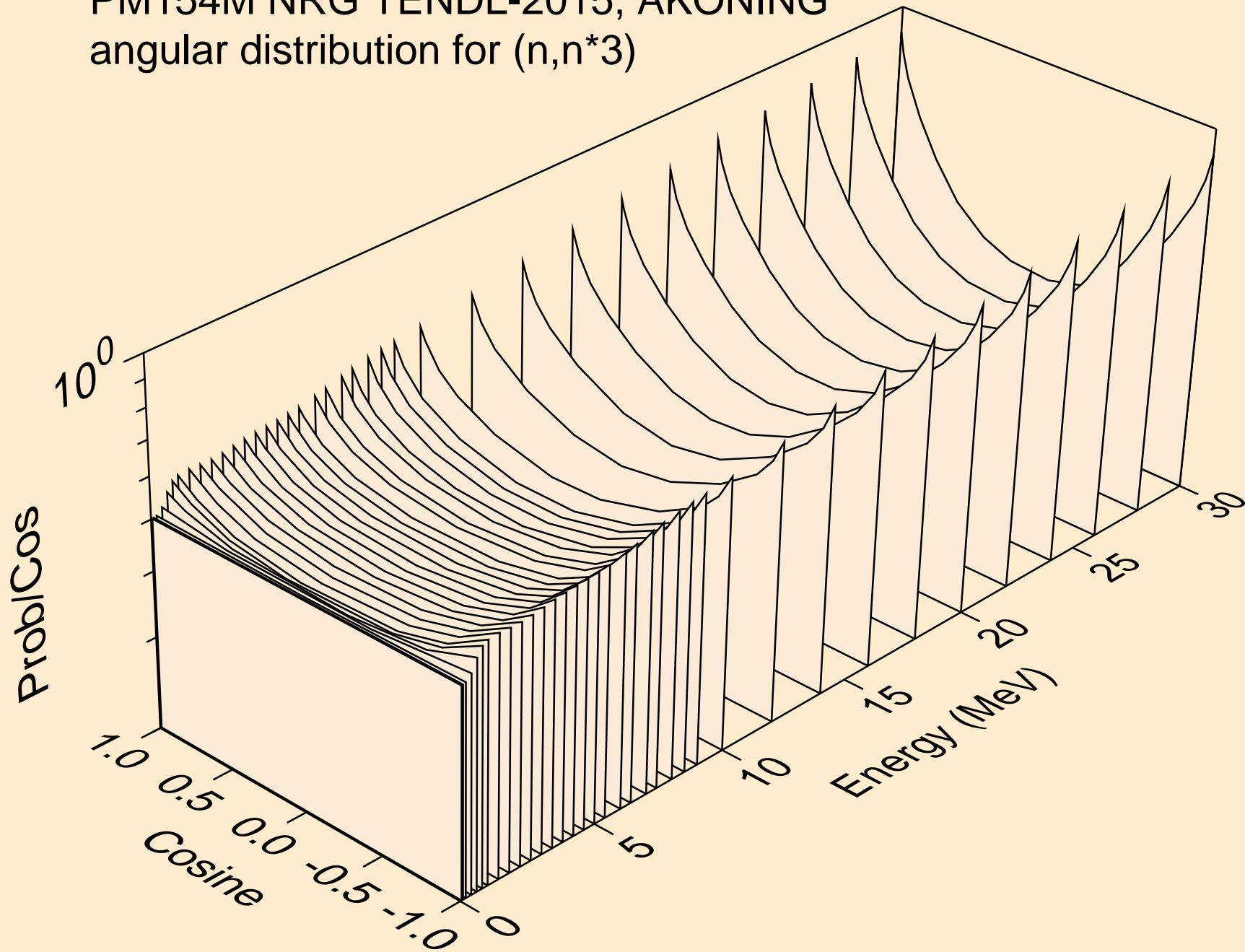
PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



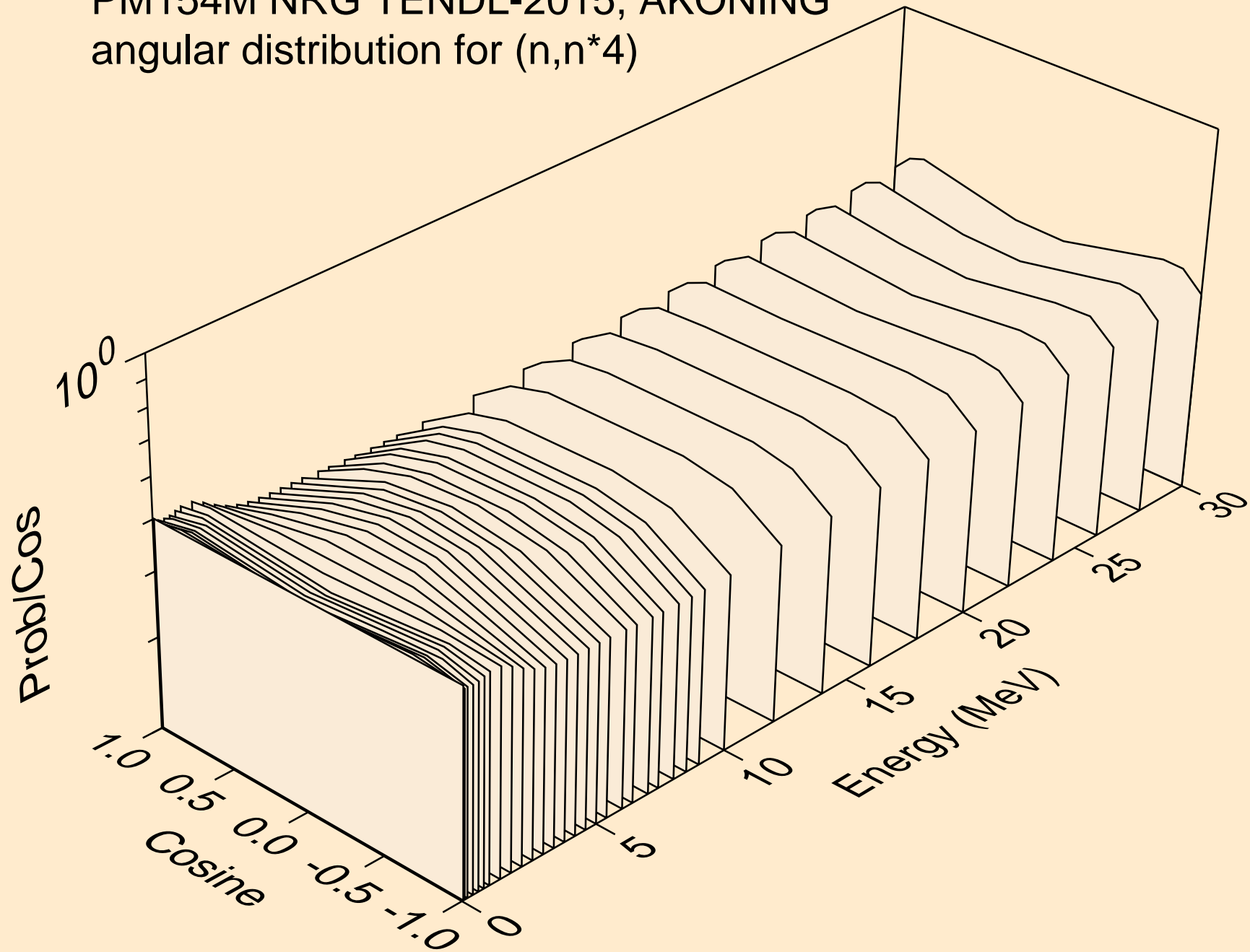
PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



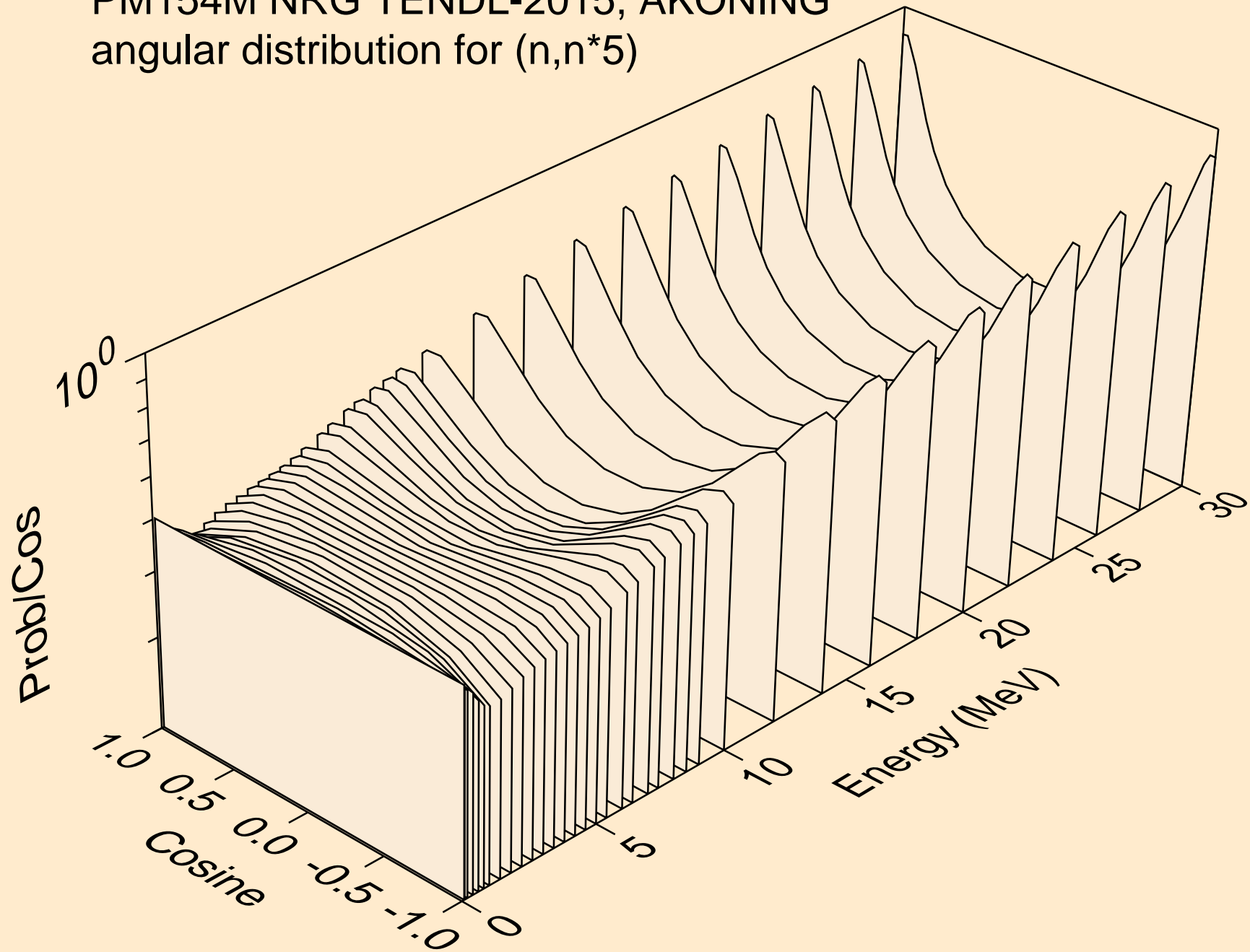
PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



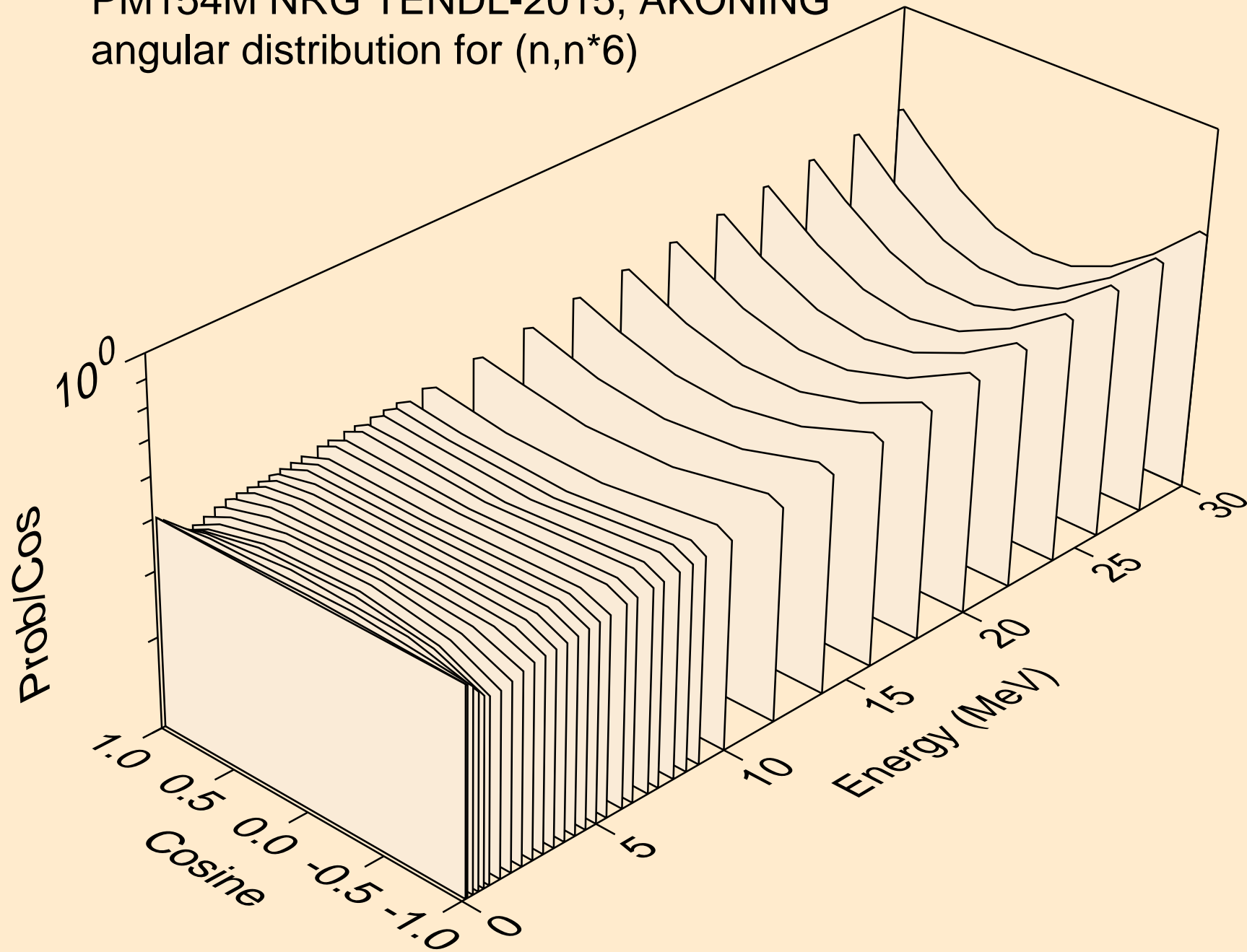
PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

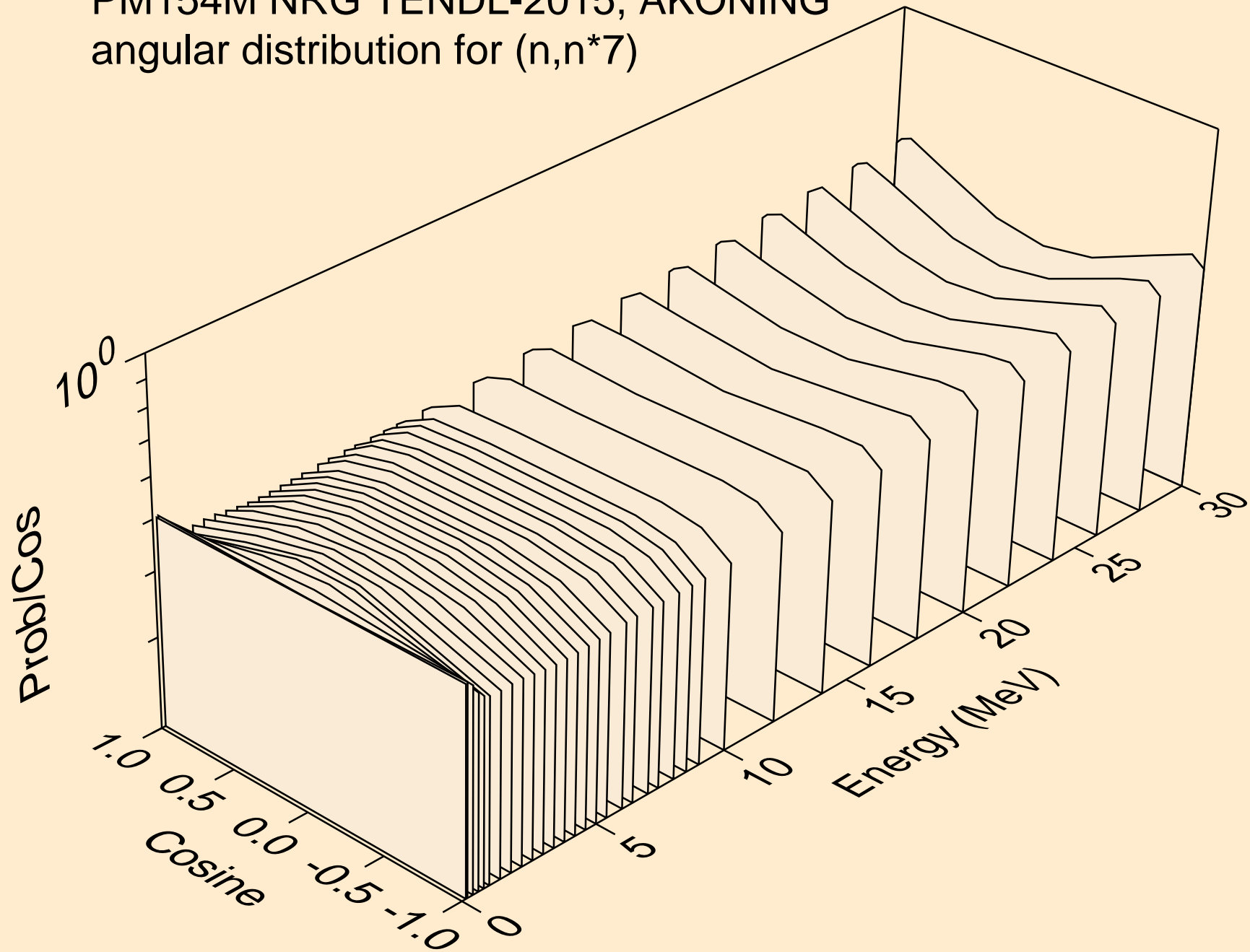


PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

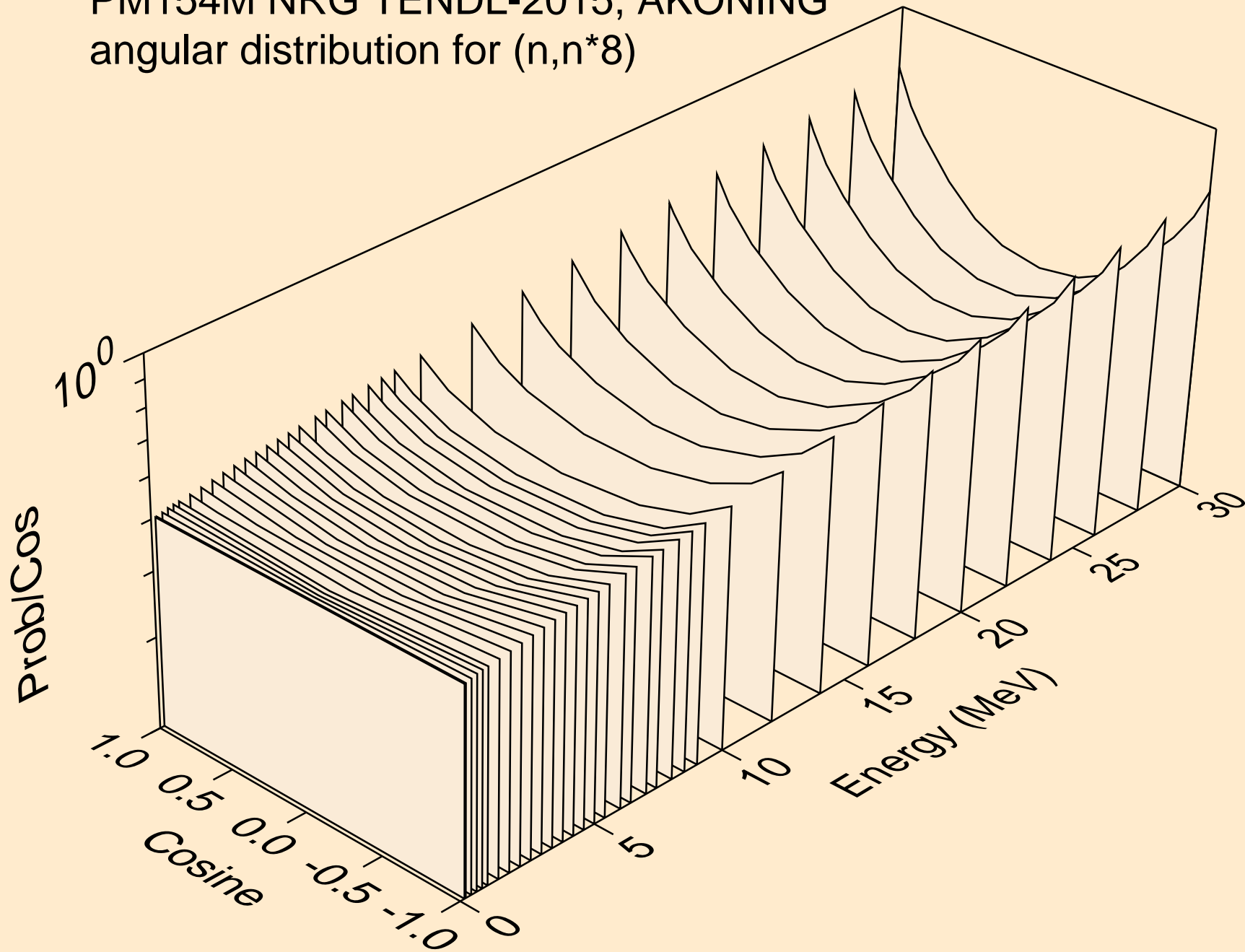




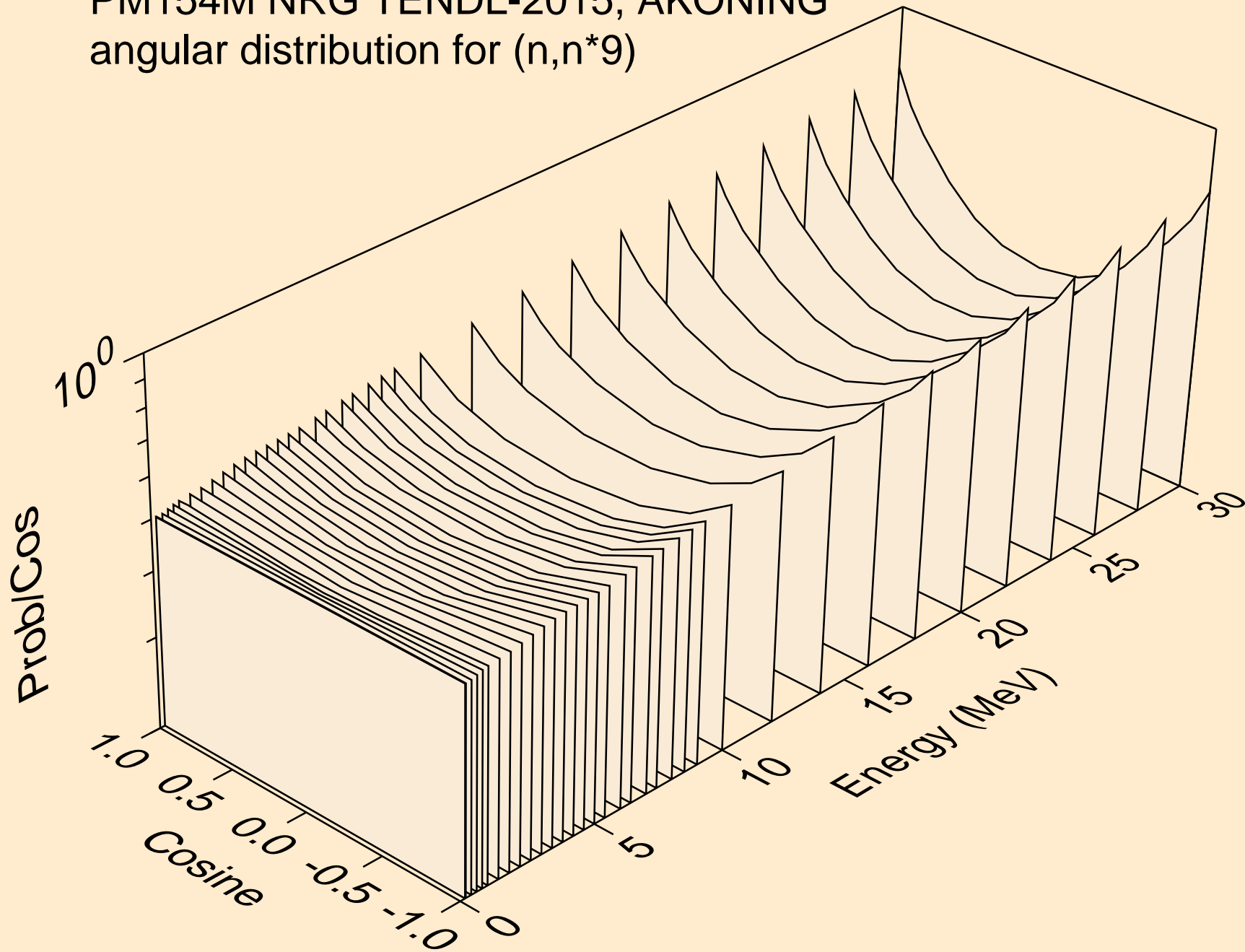
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angular distribution for (n,n\*7)



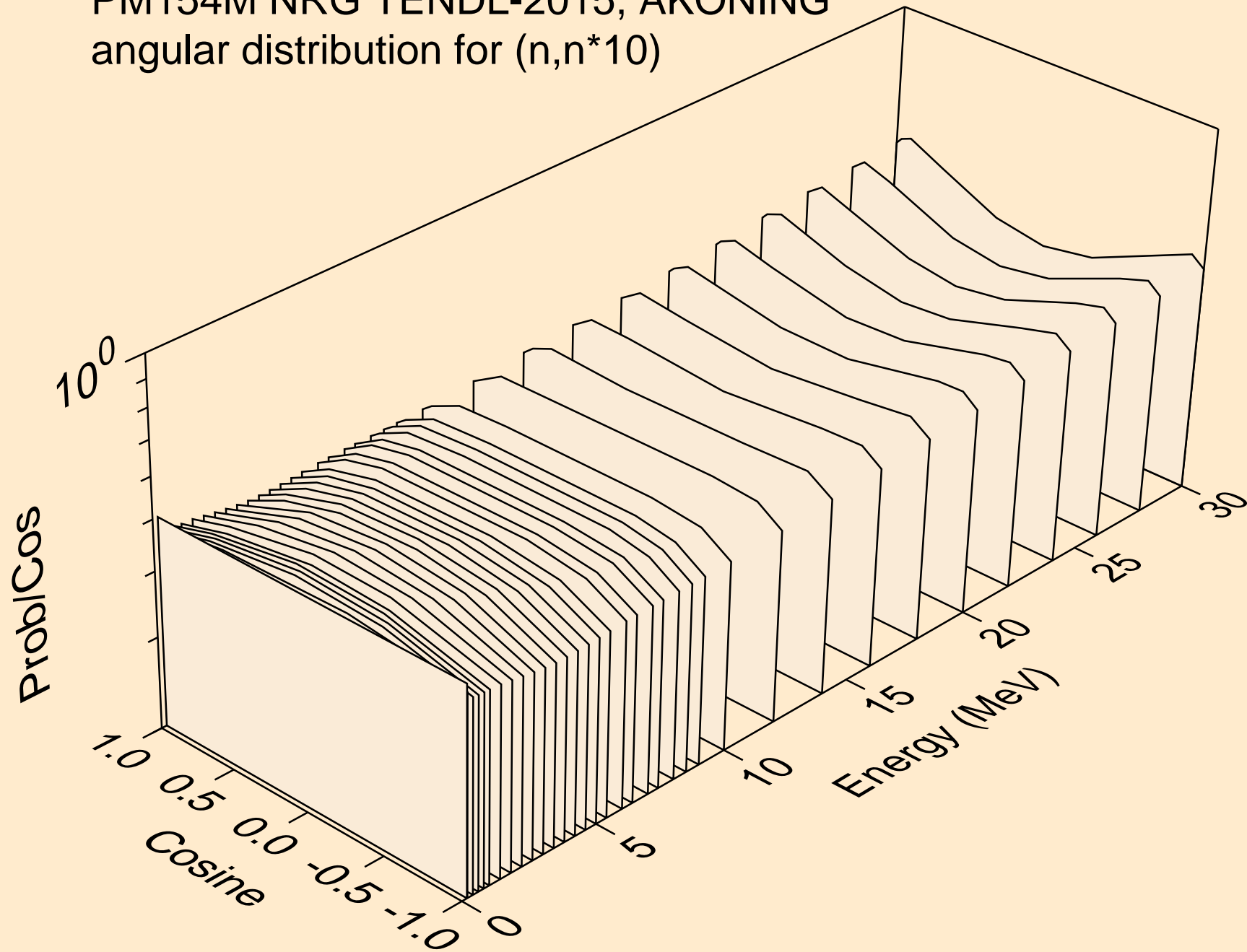
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angular distribution for (n,n\*8)



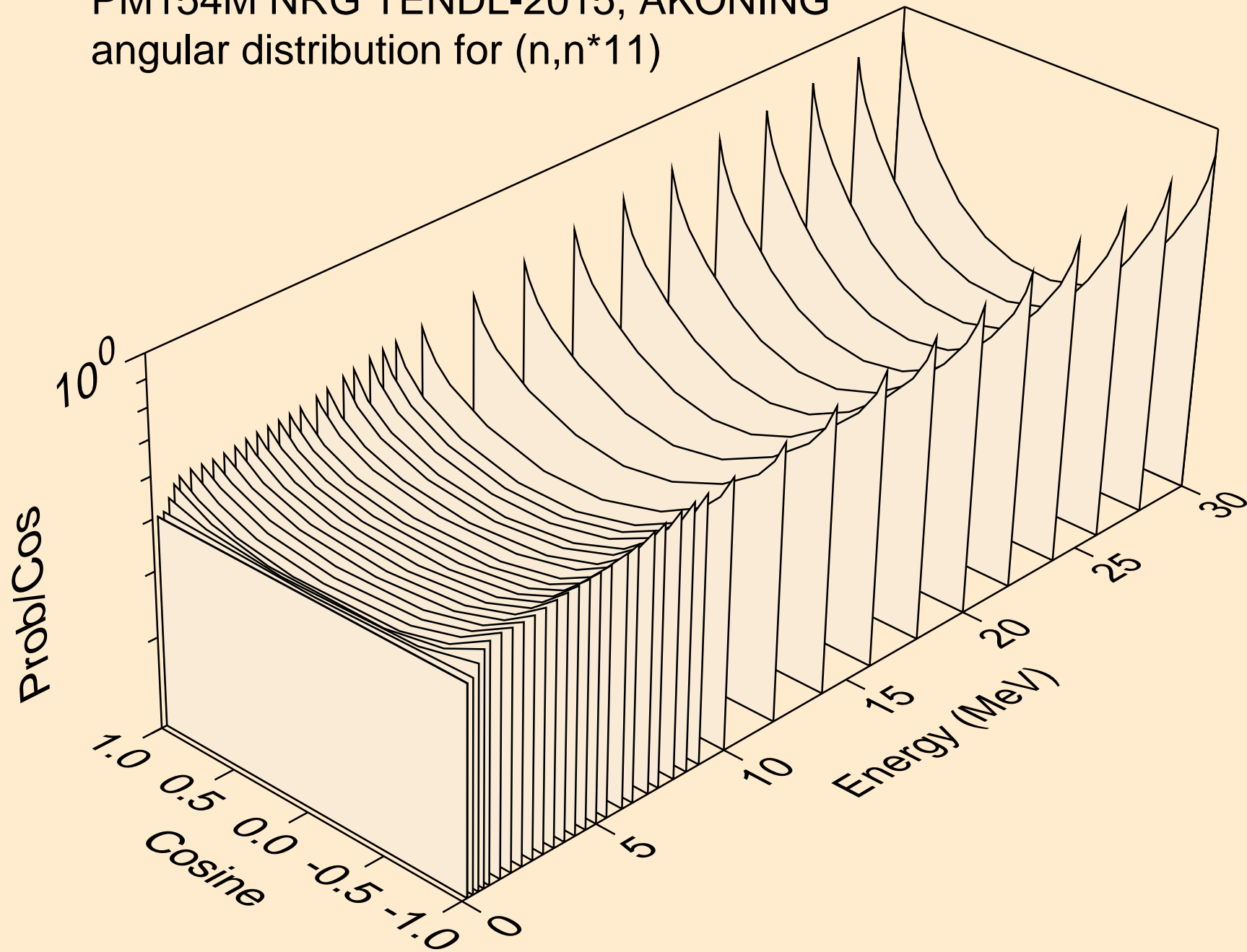
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angular distribution for (n,n\*9)



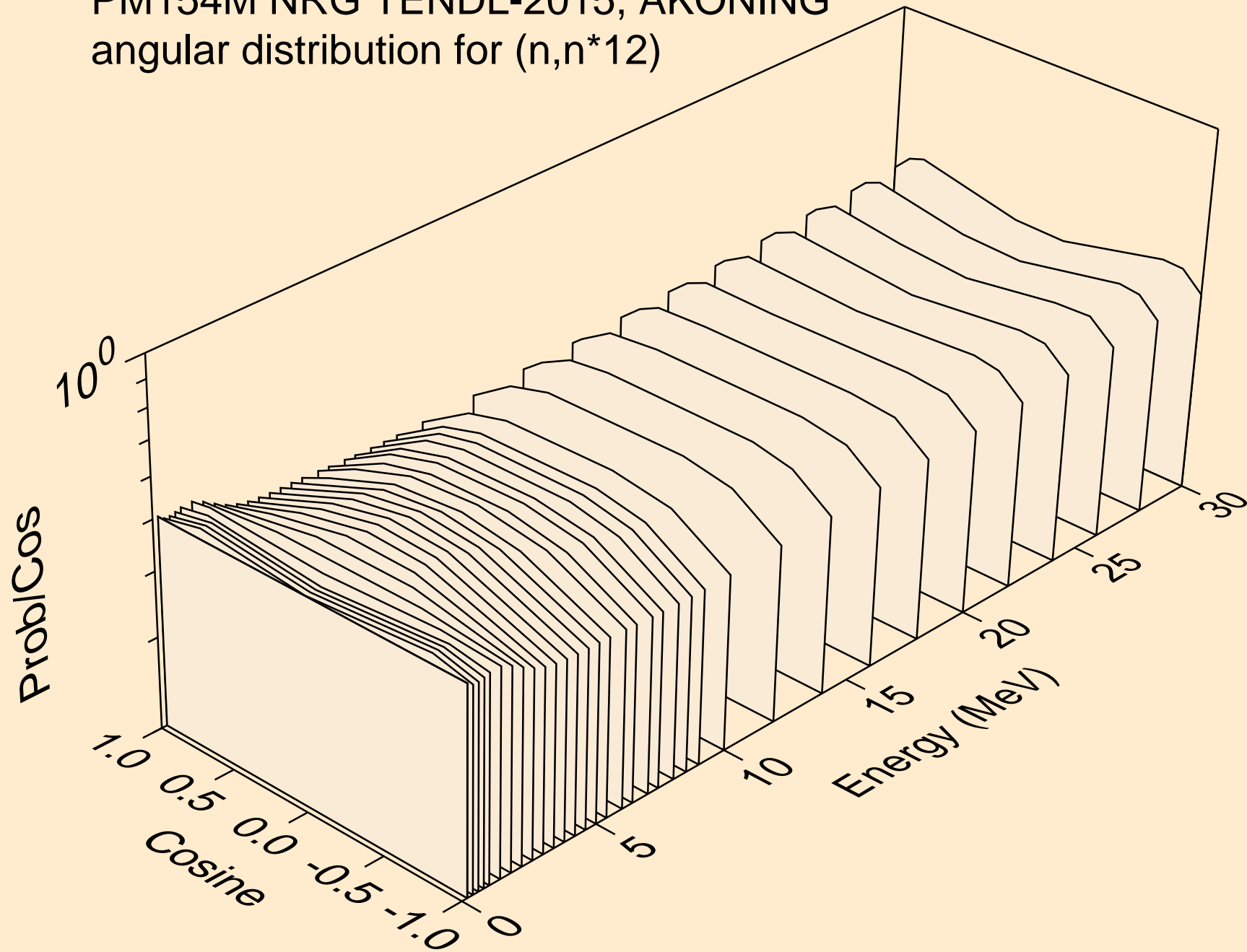
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angular distribution for (n,n\*10)



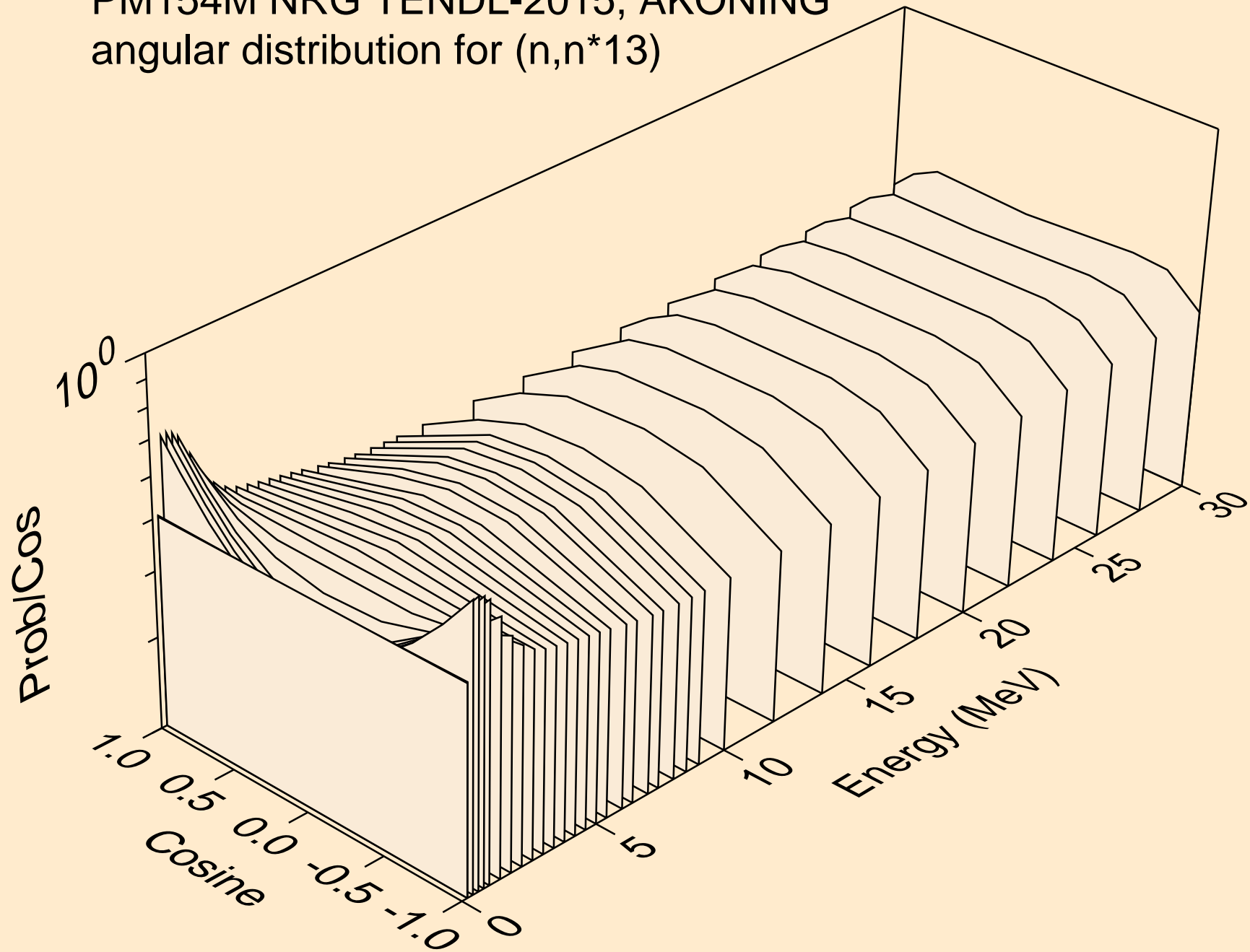
PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



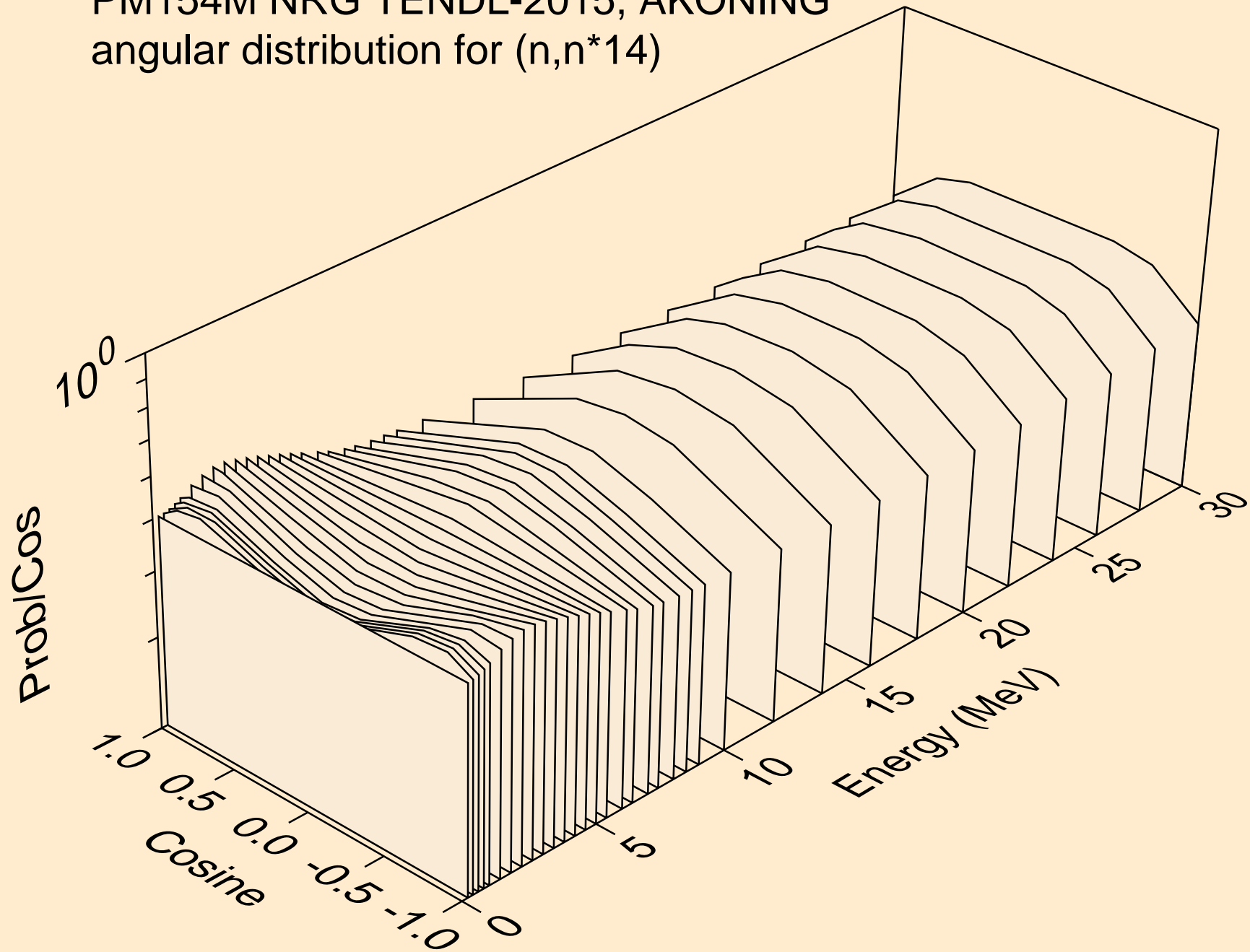
PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

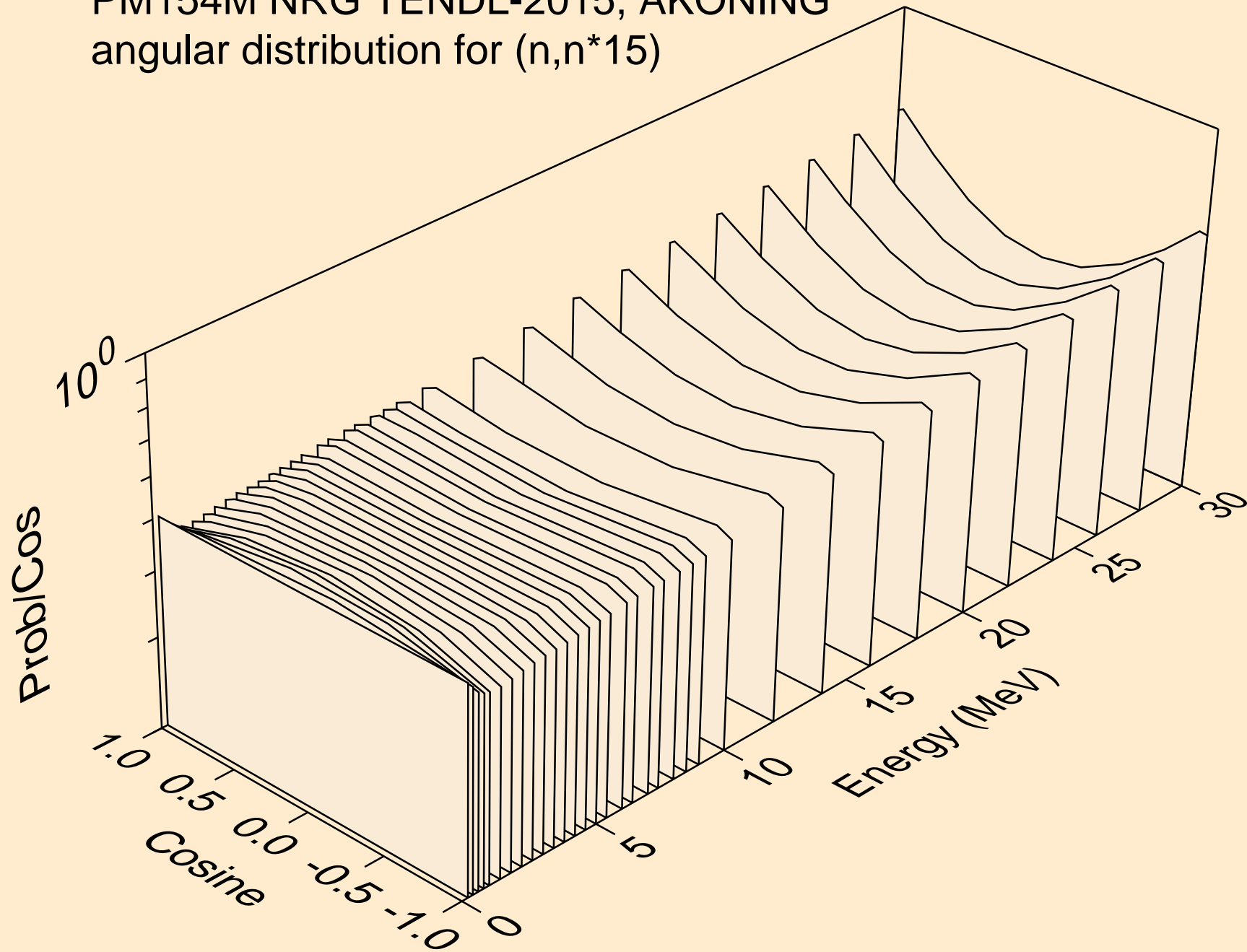


PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

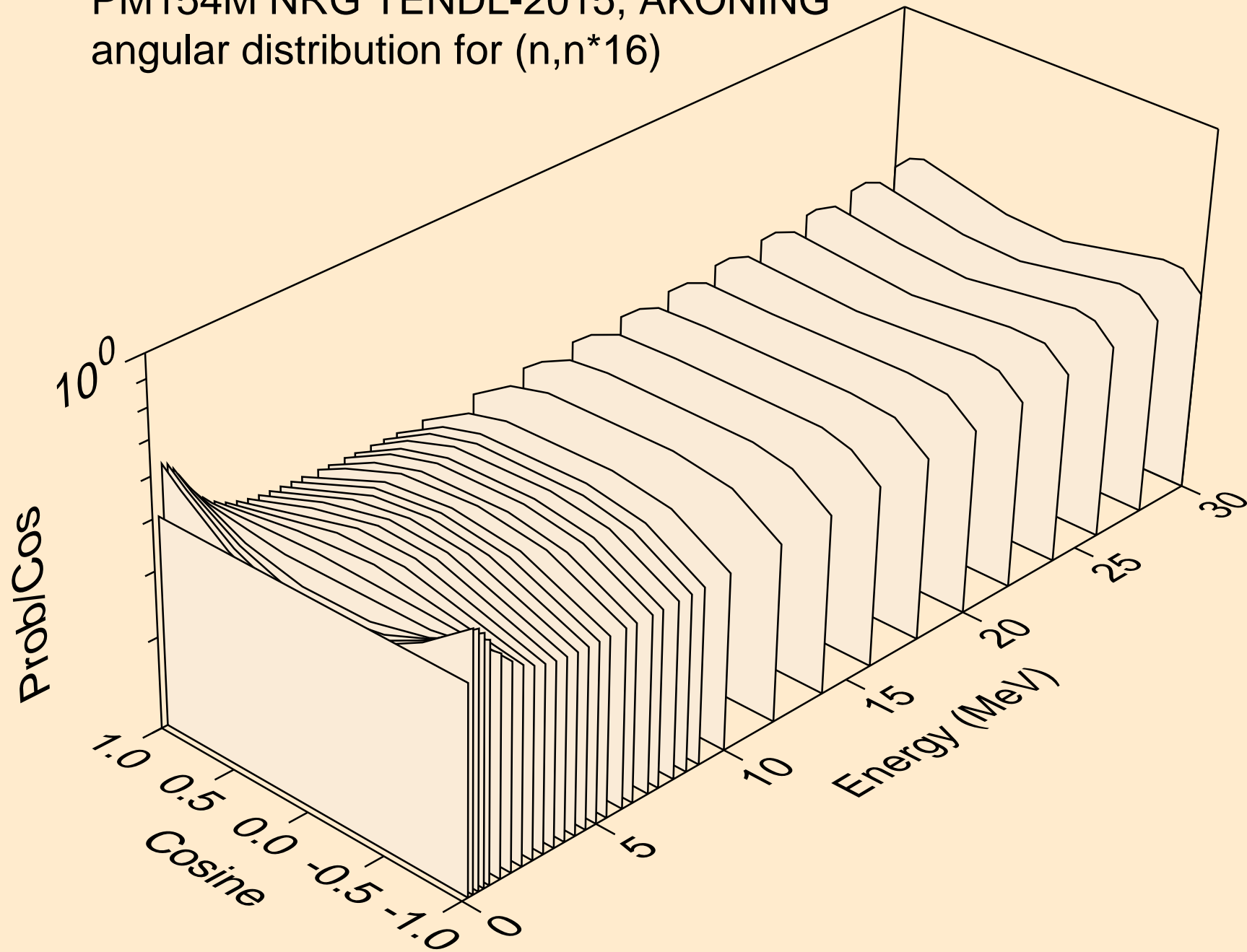




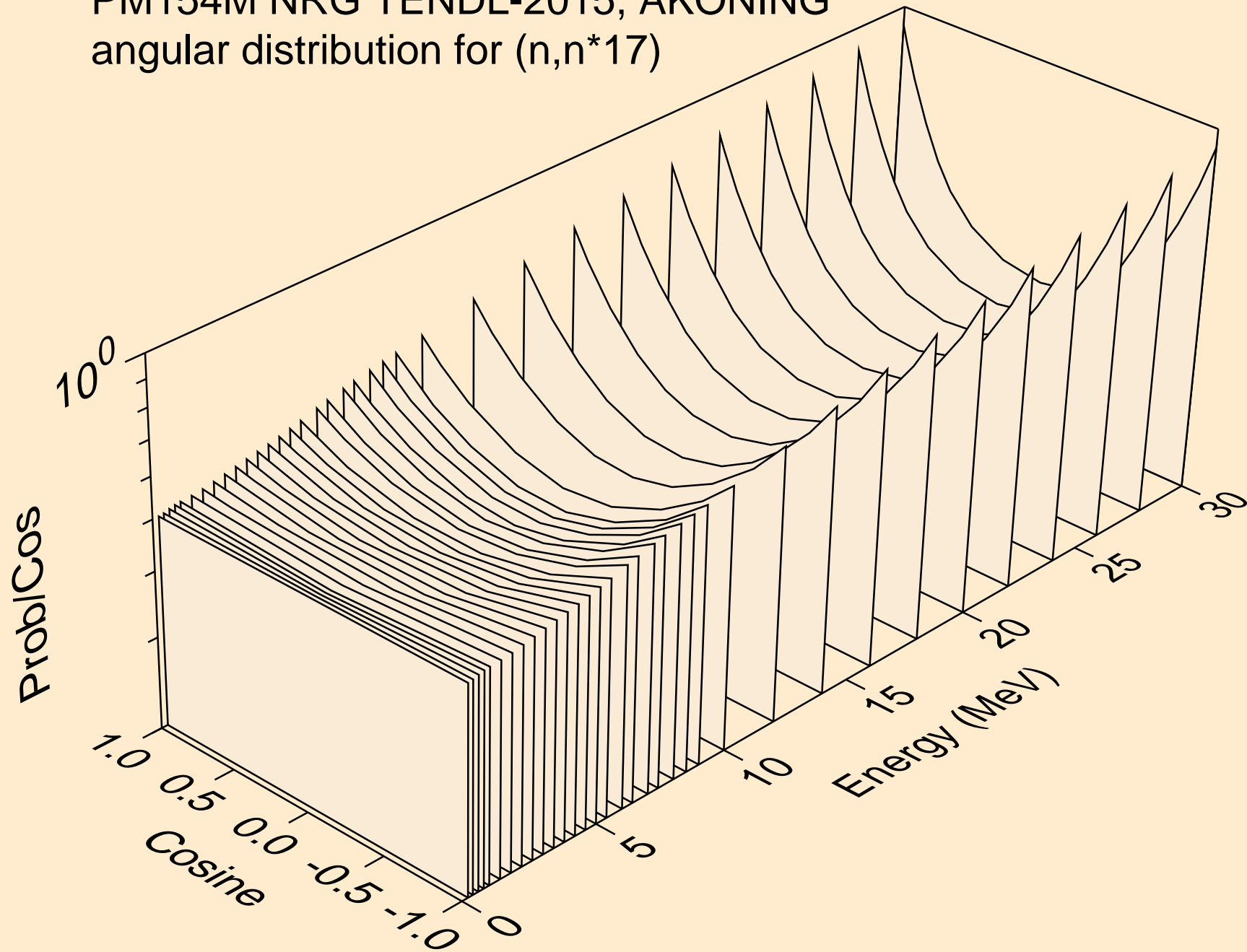
PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



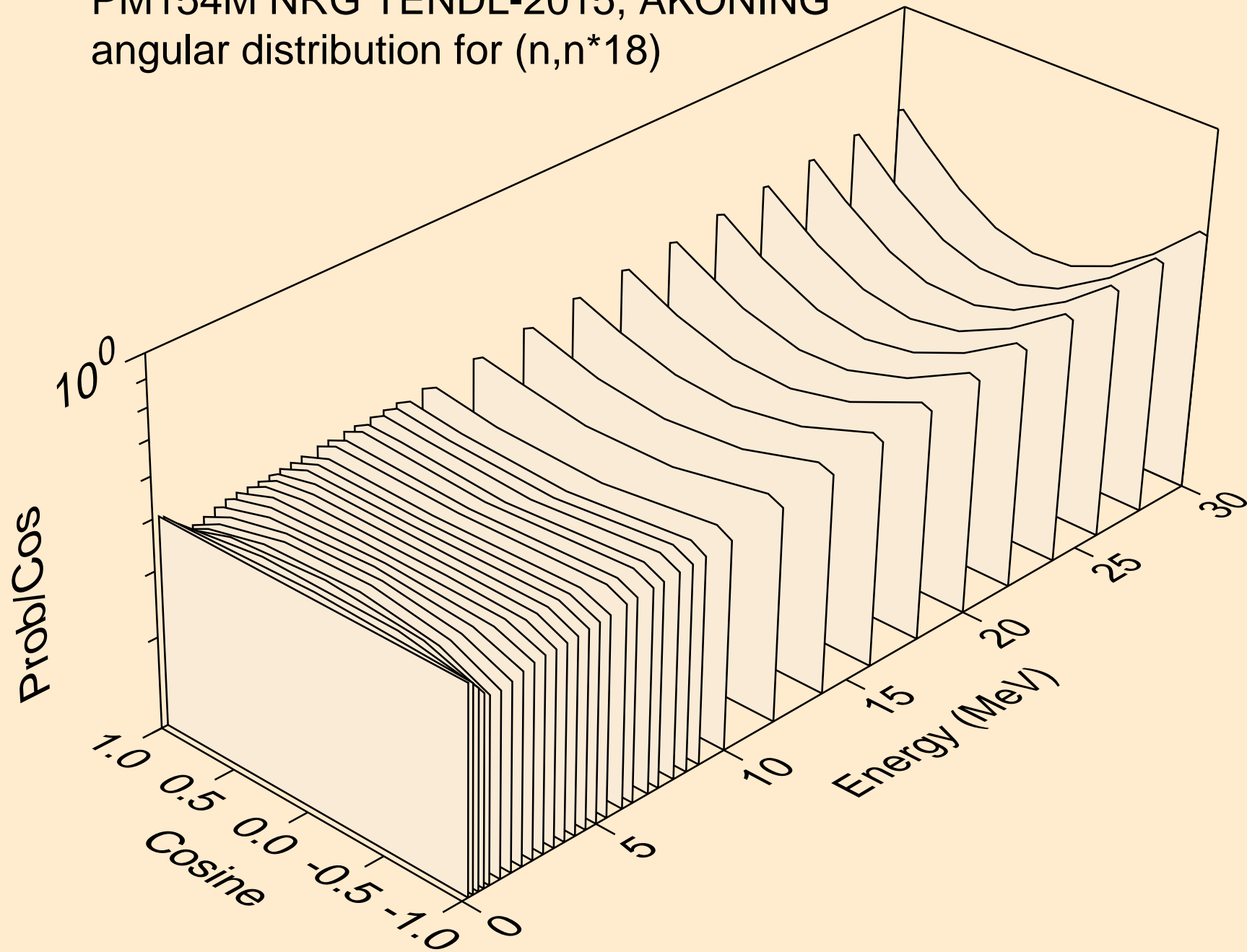
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angular distribution for (n,n\*16)



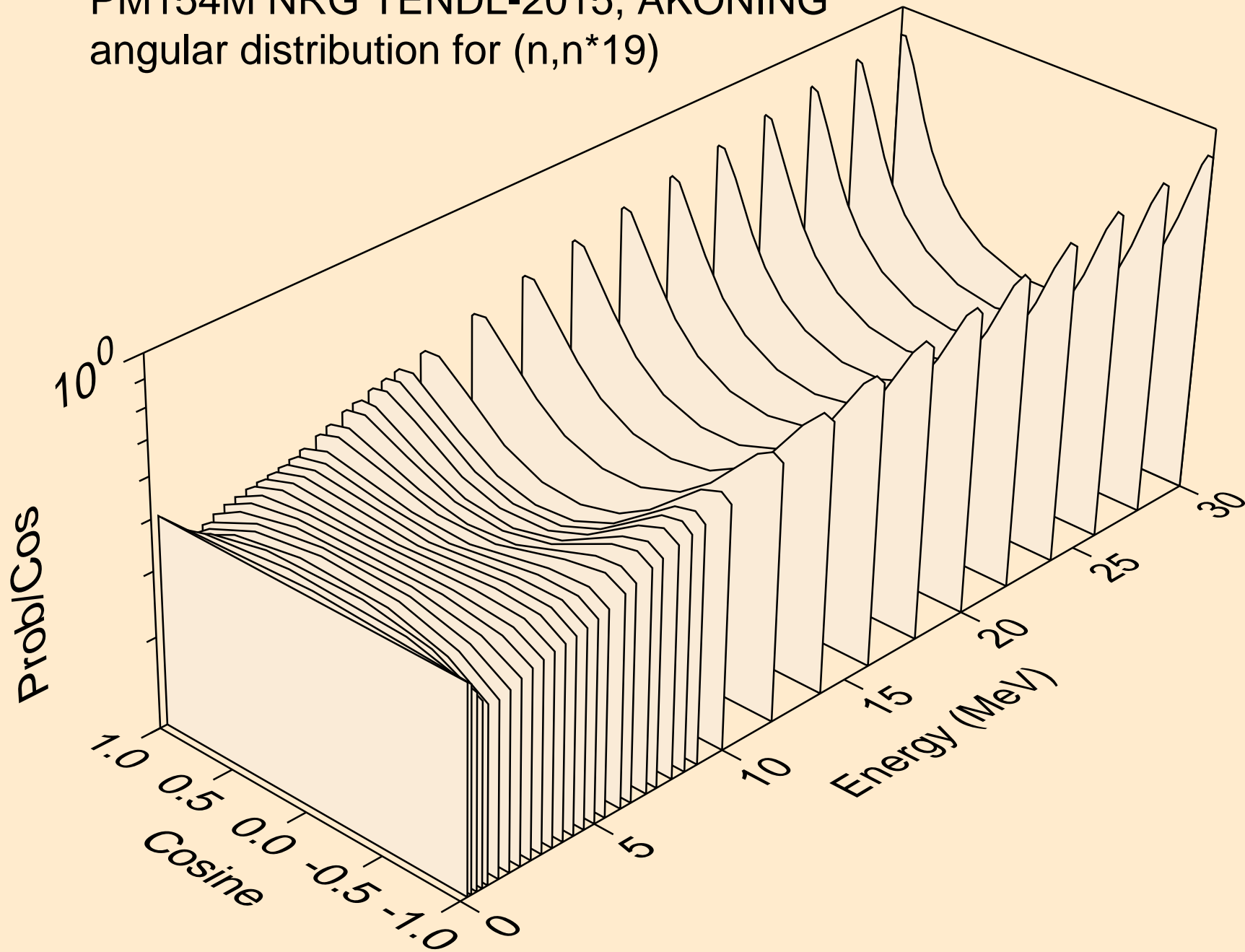
PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



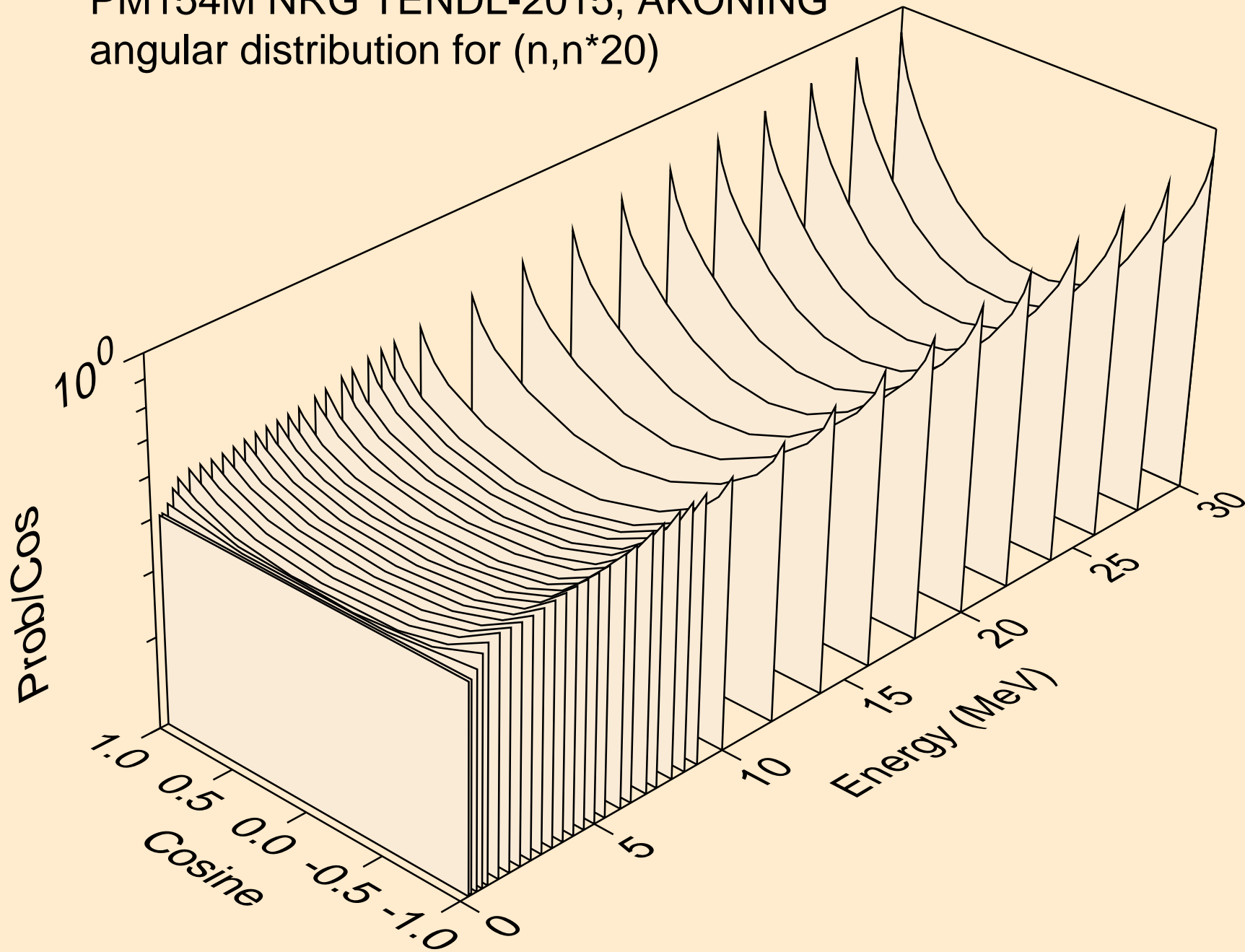
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angular distribution for (n,n\*18)



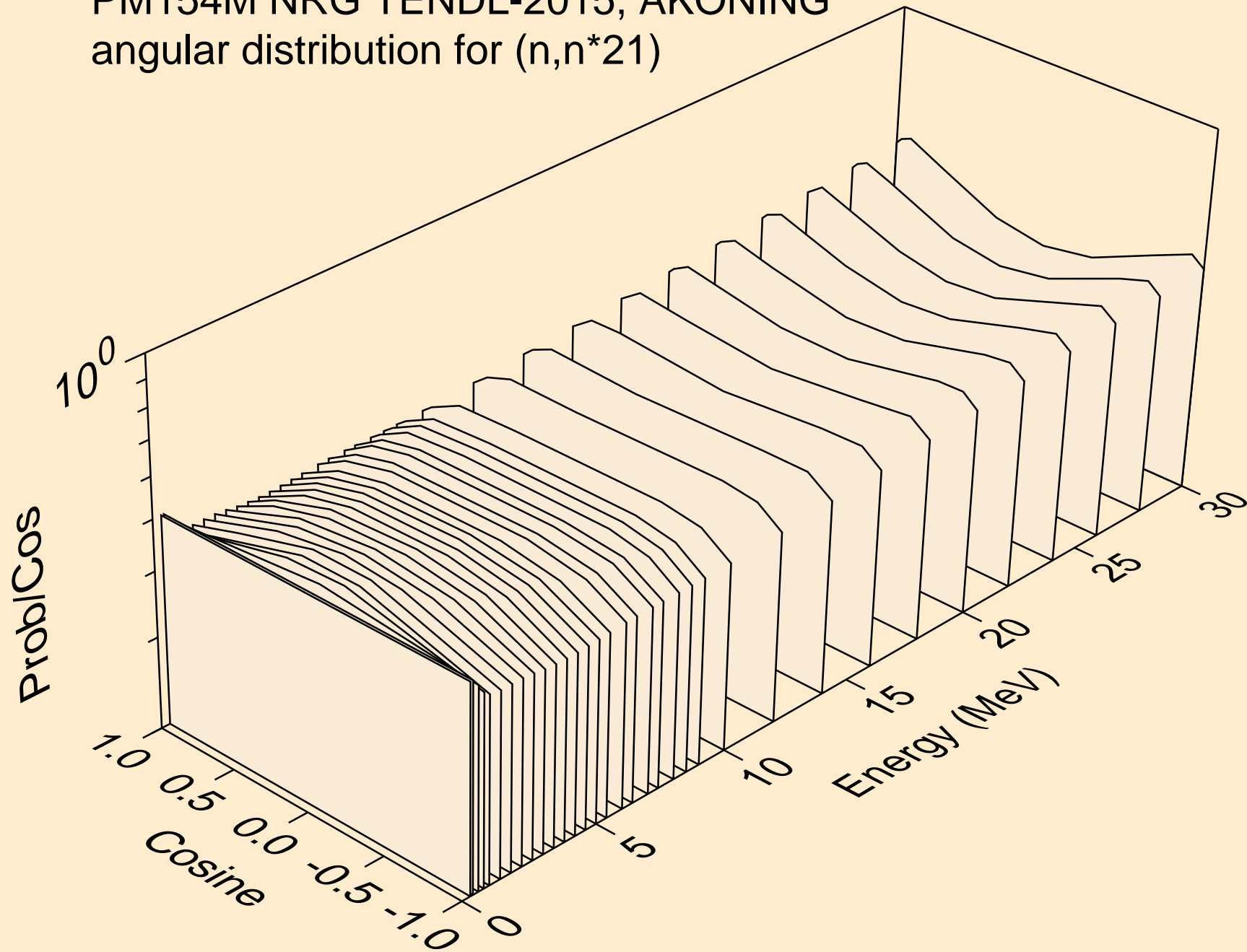
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angular distribution for (n,n\*19)



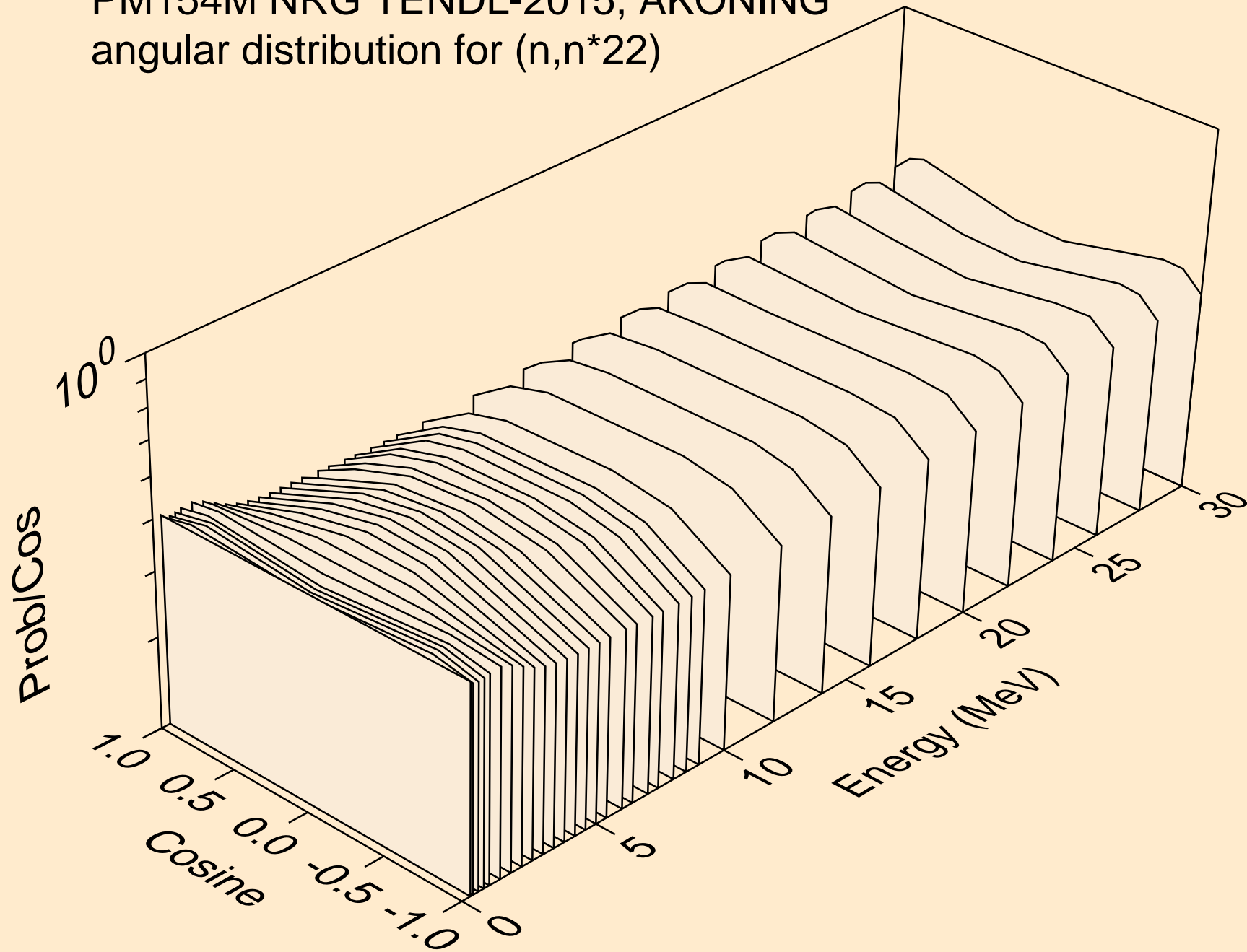
PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

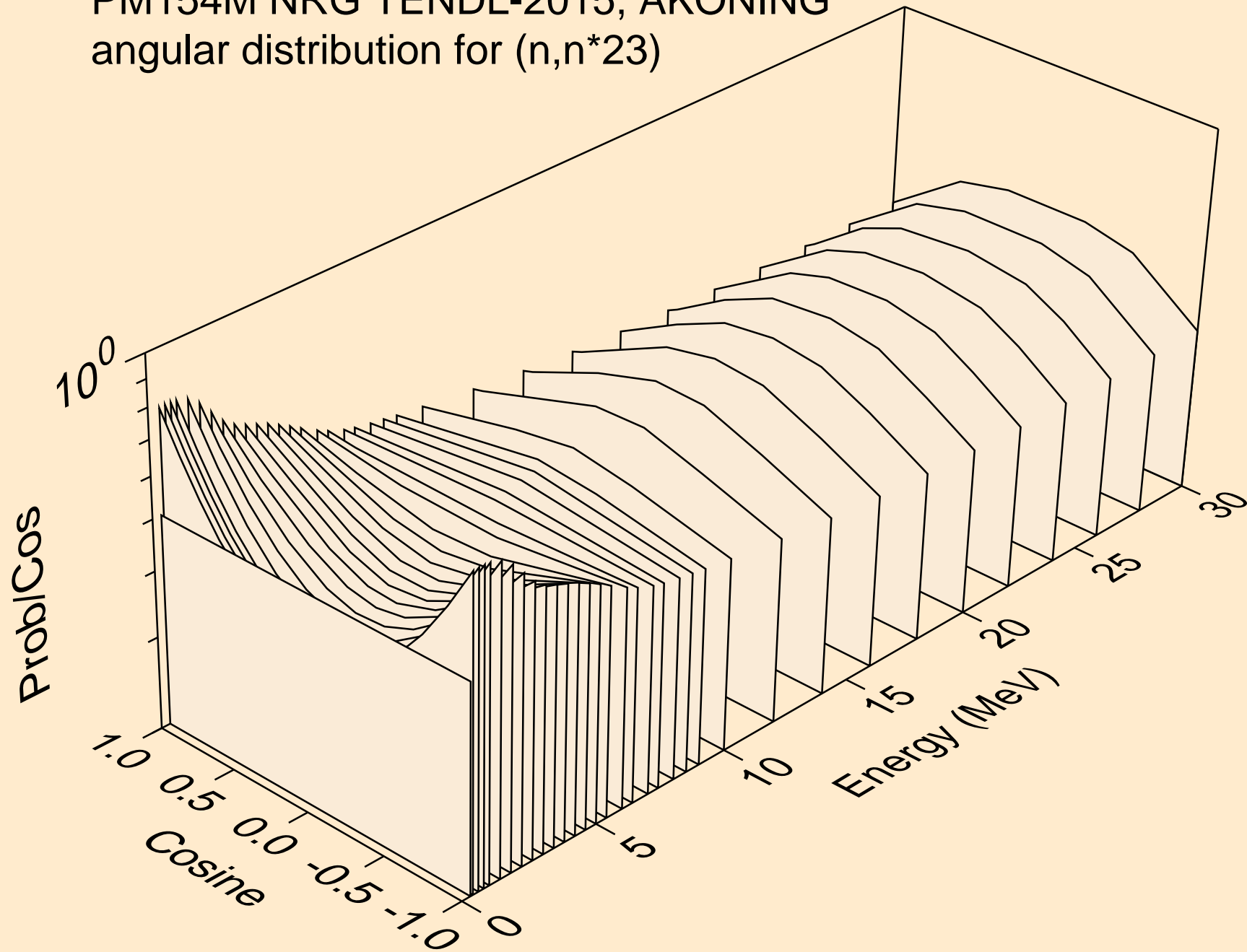


PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

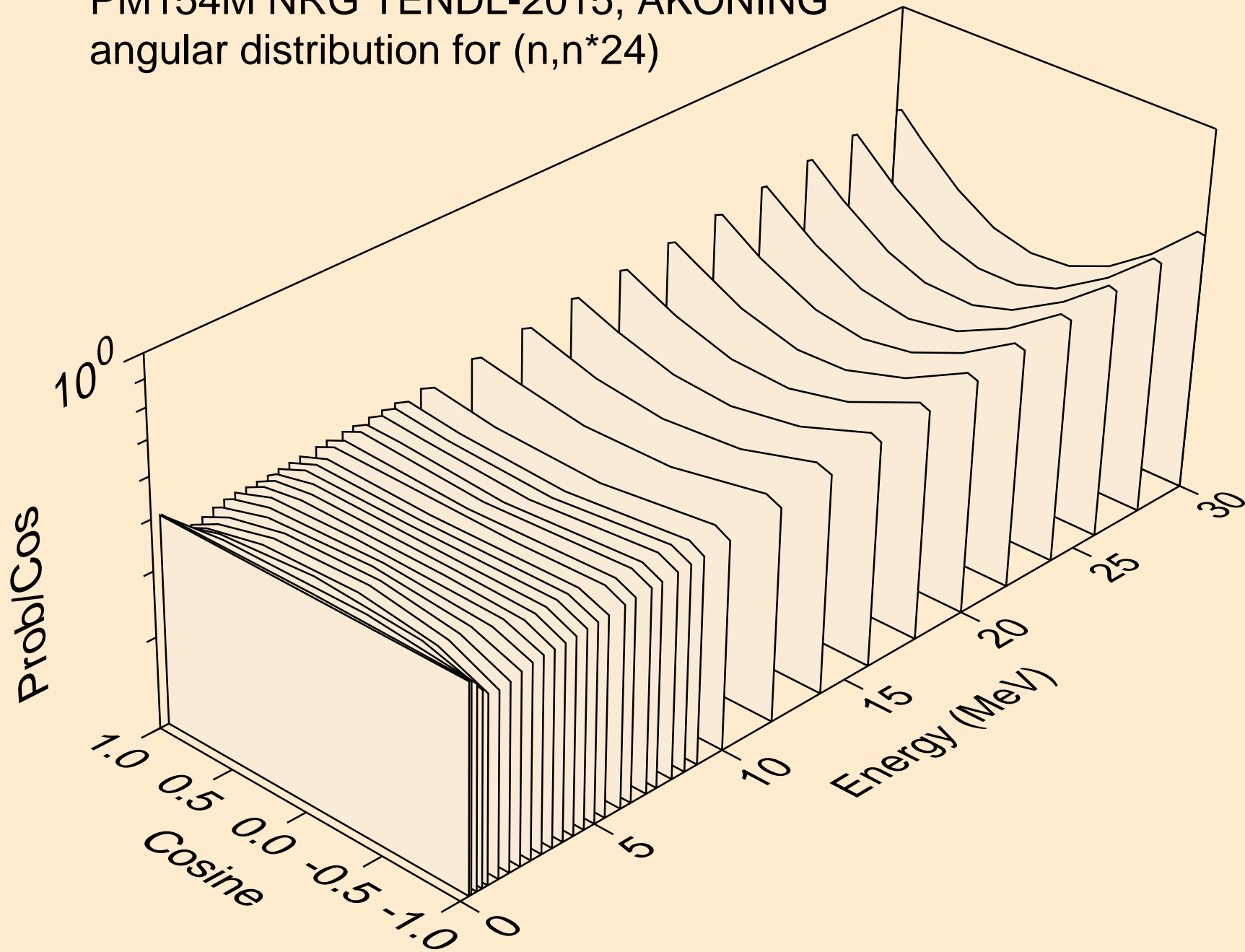




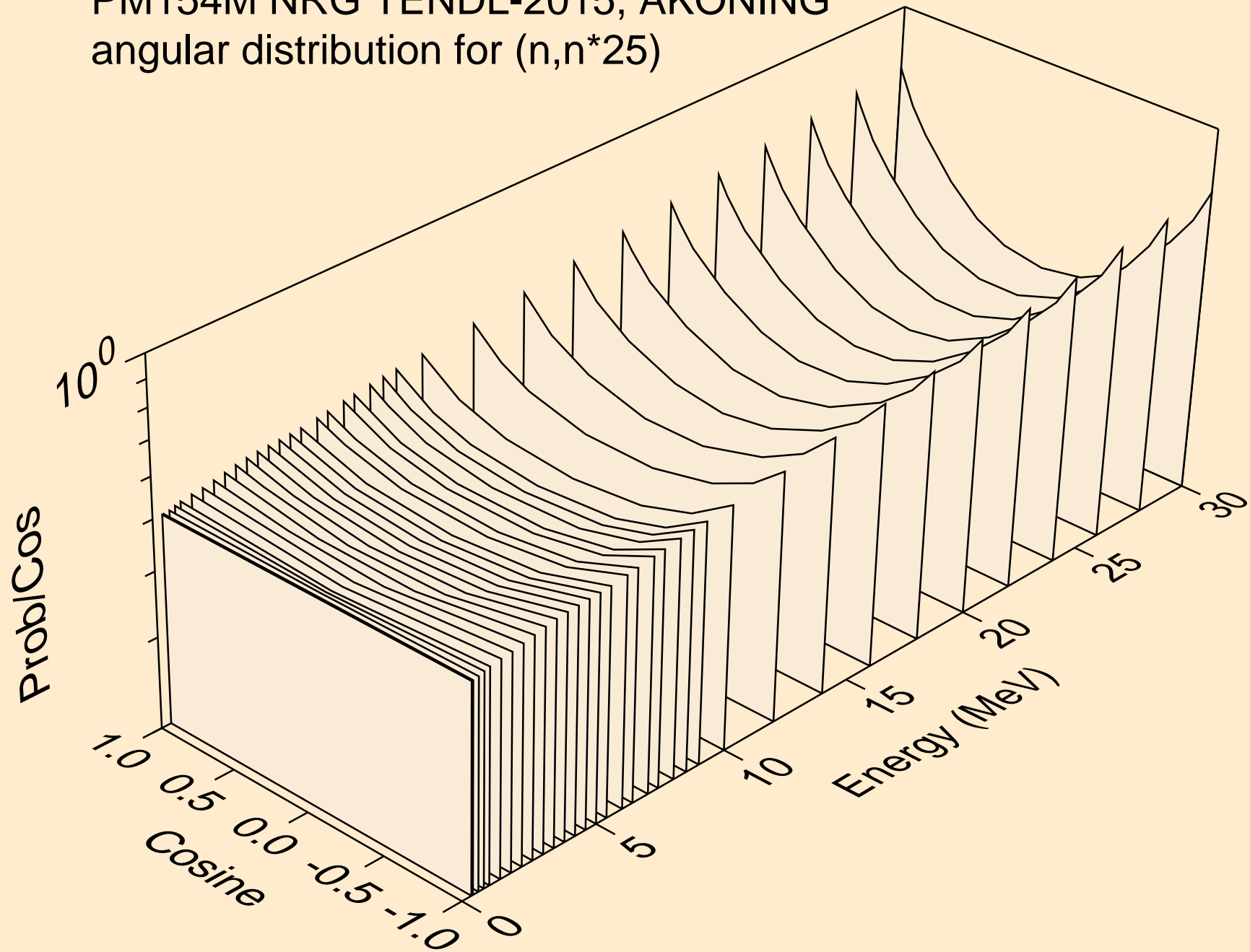
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angular distribution for (n,n\*23)



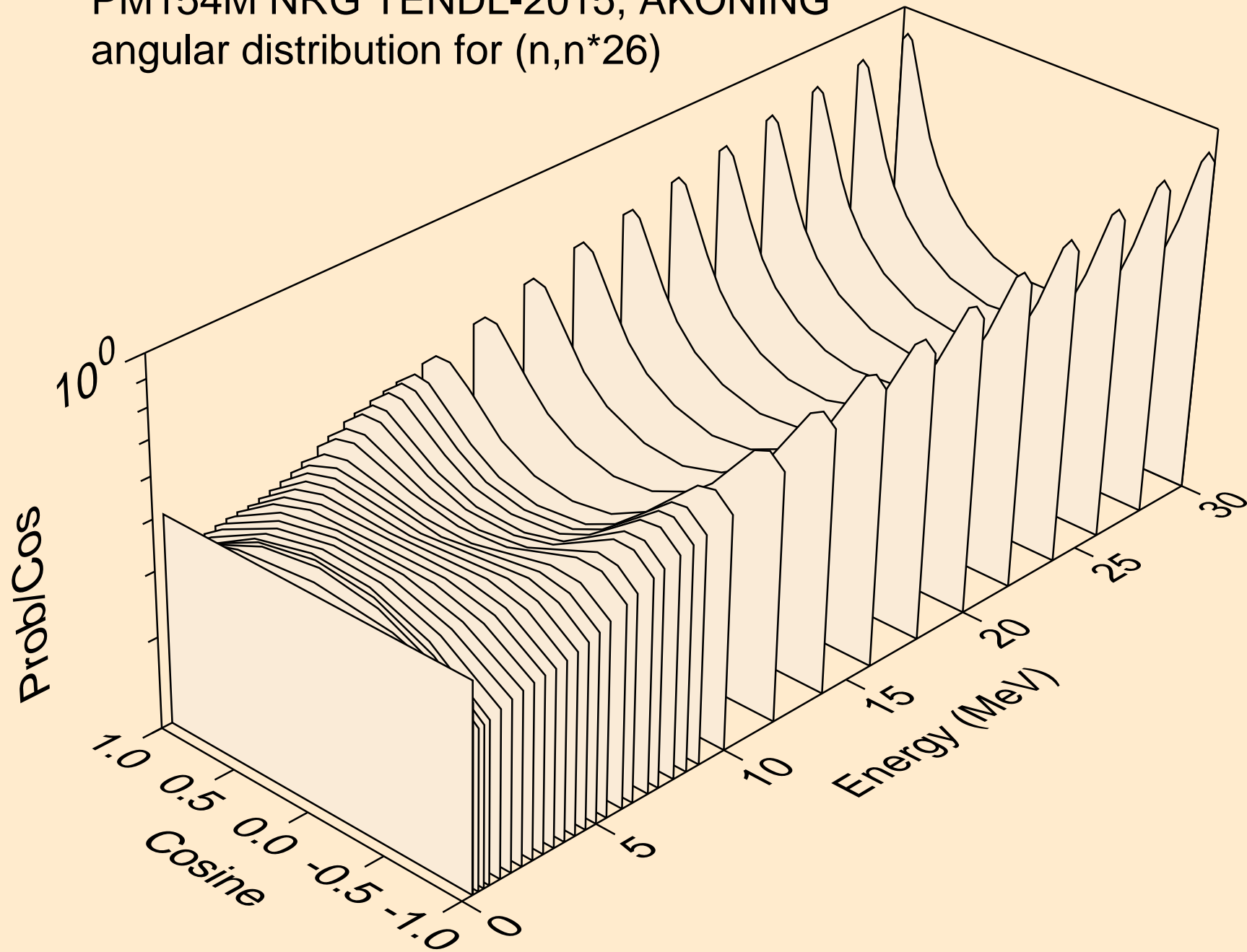
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angular distribution for (n,n\*24)



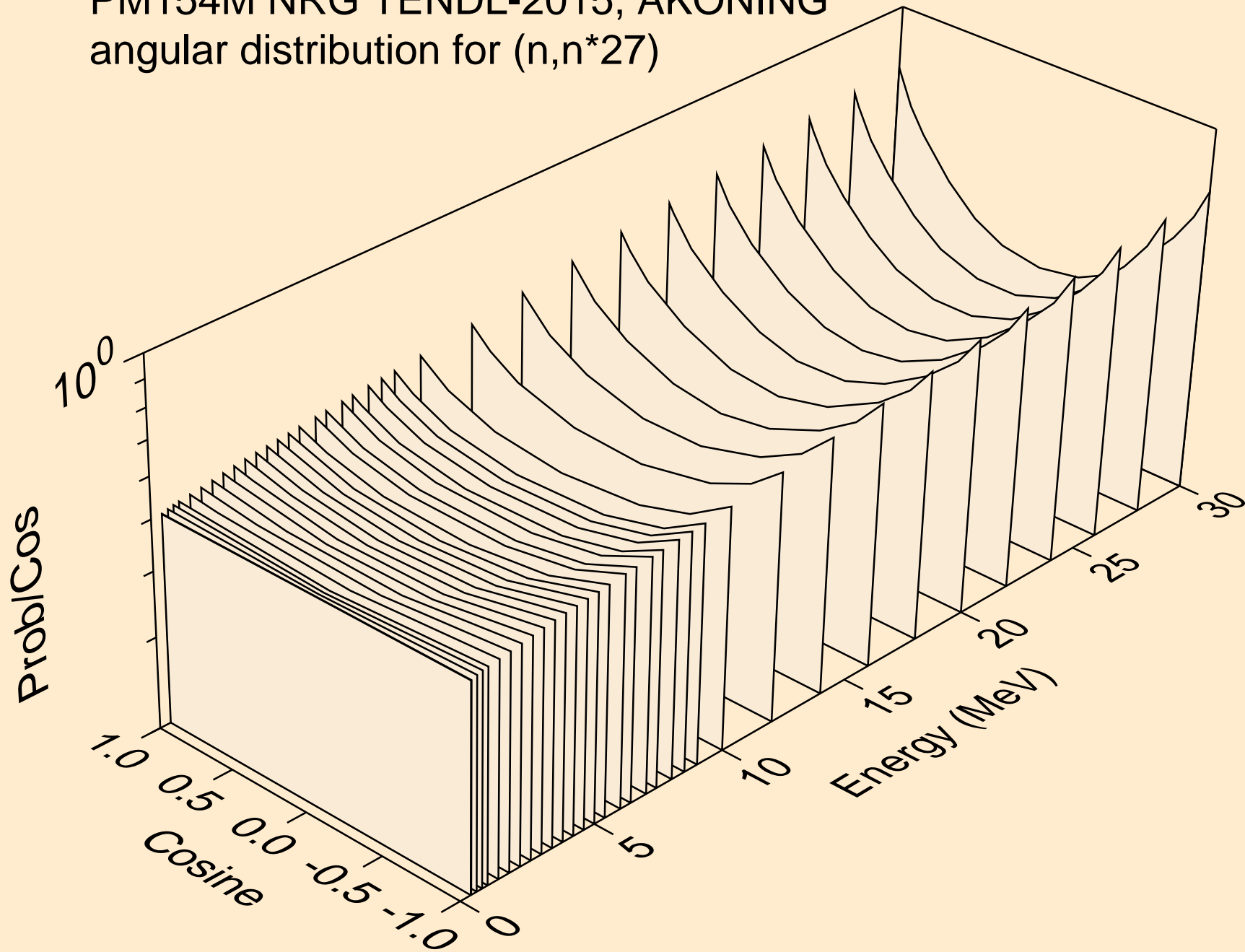
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angular distribution for (n,n\*25)



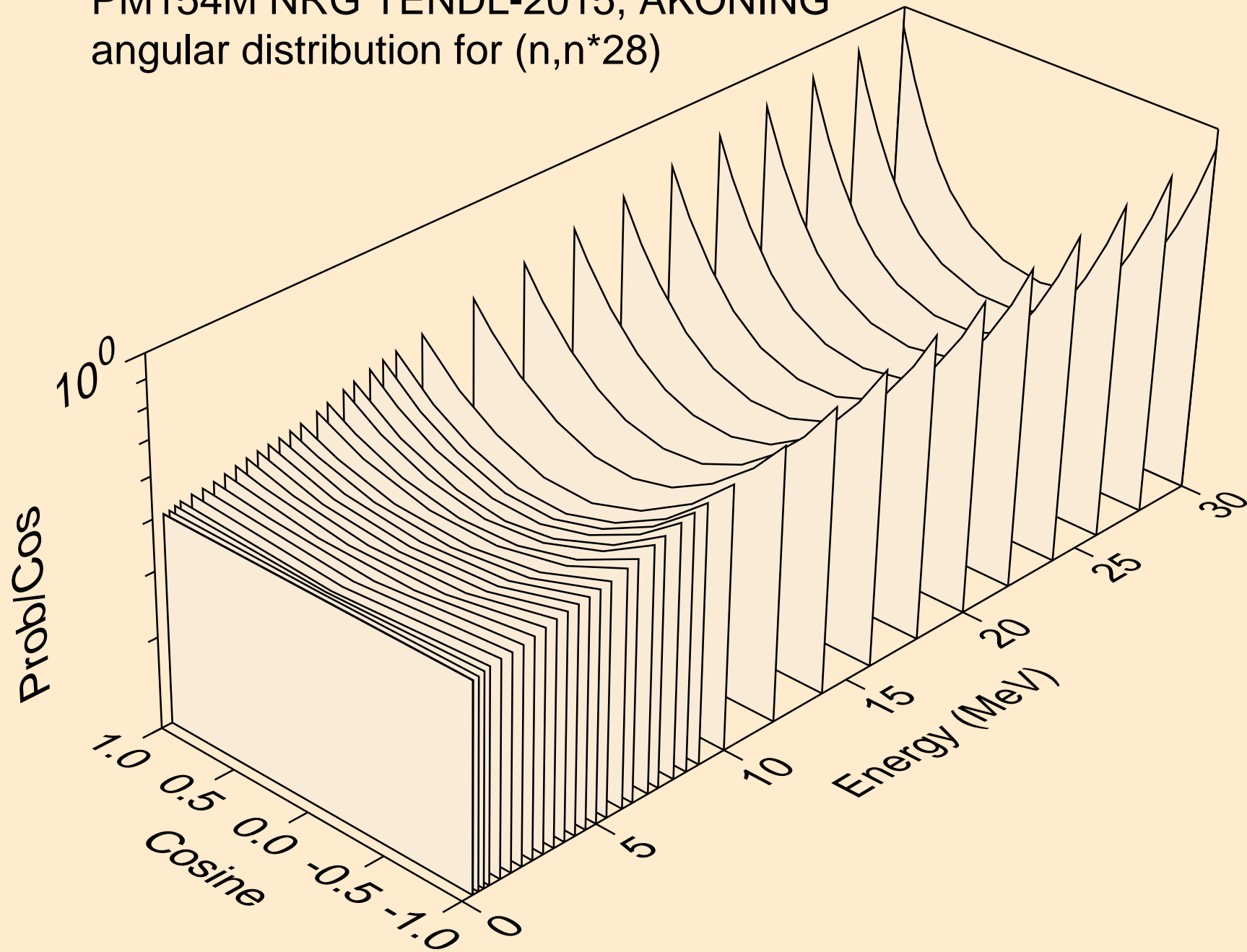
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angular distribution for (n,n\*26)



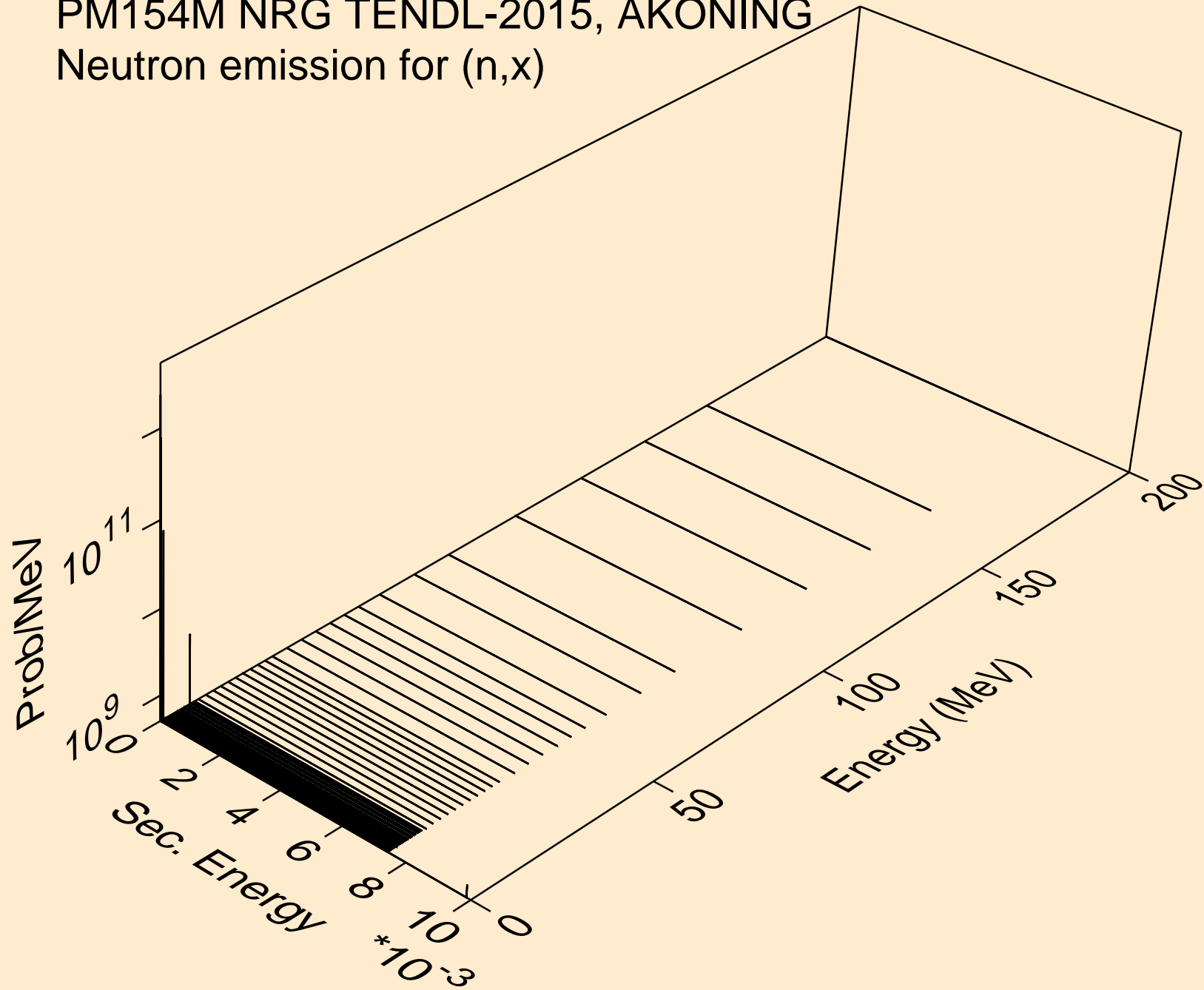
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angular distribution for (n,n\*27)



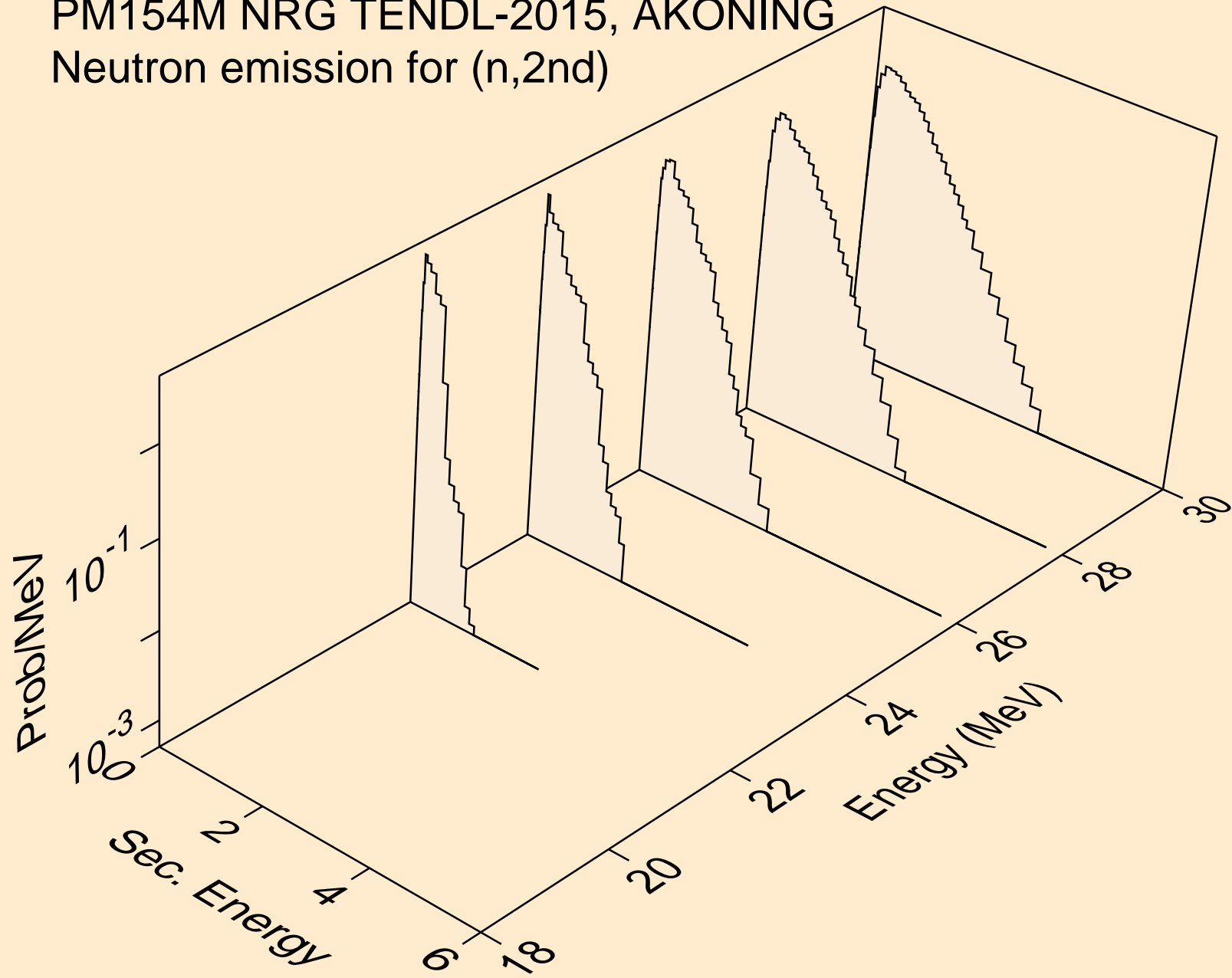
PM154M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

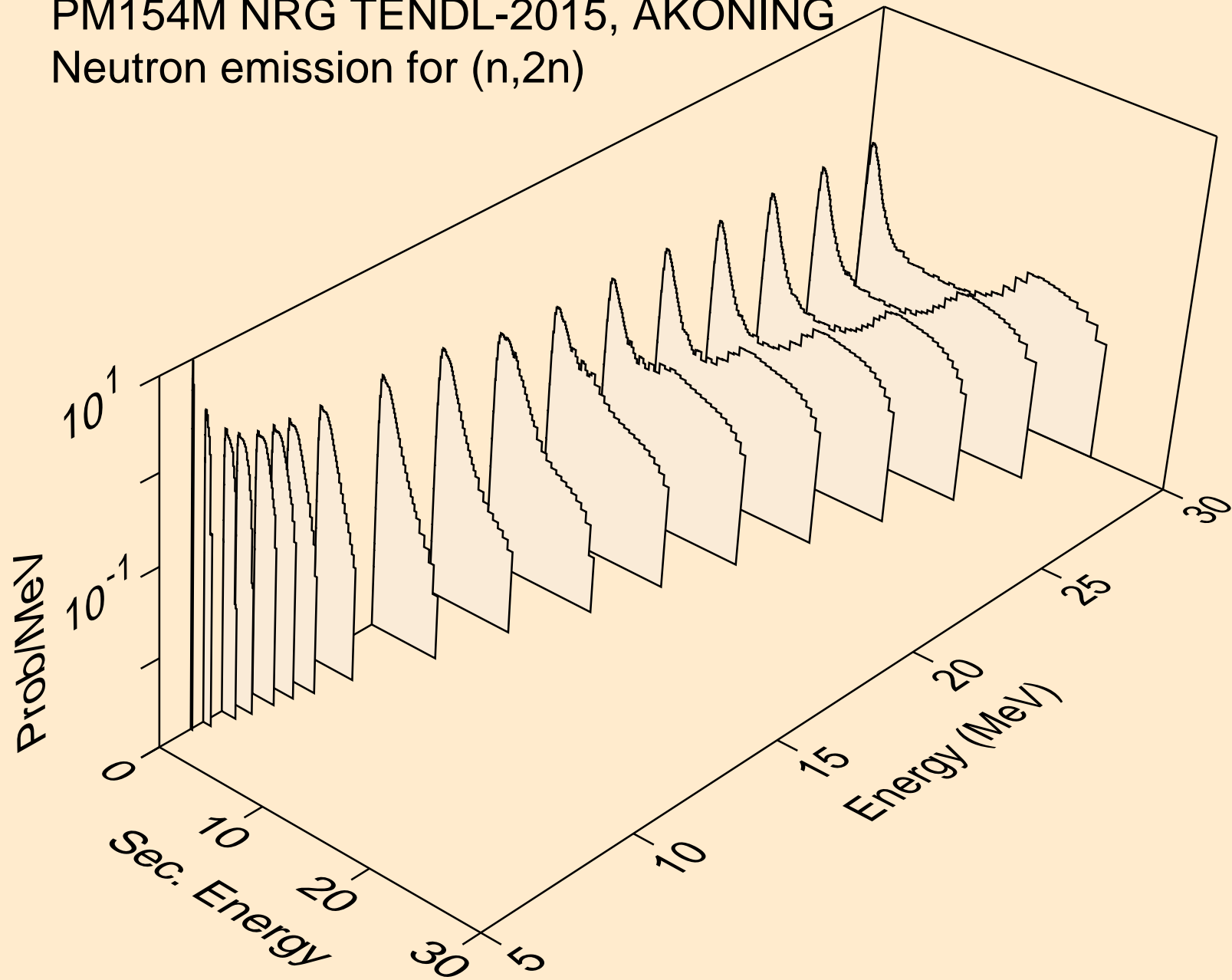


PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

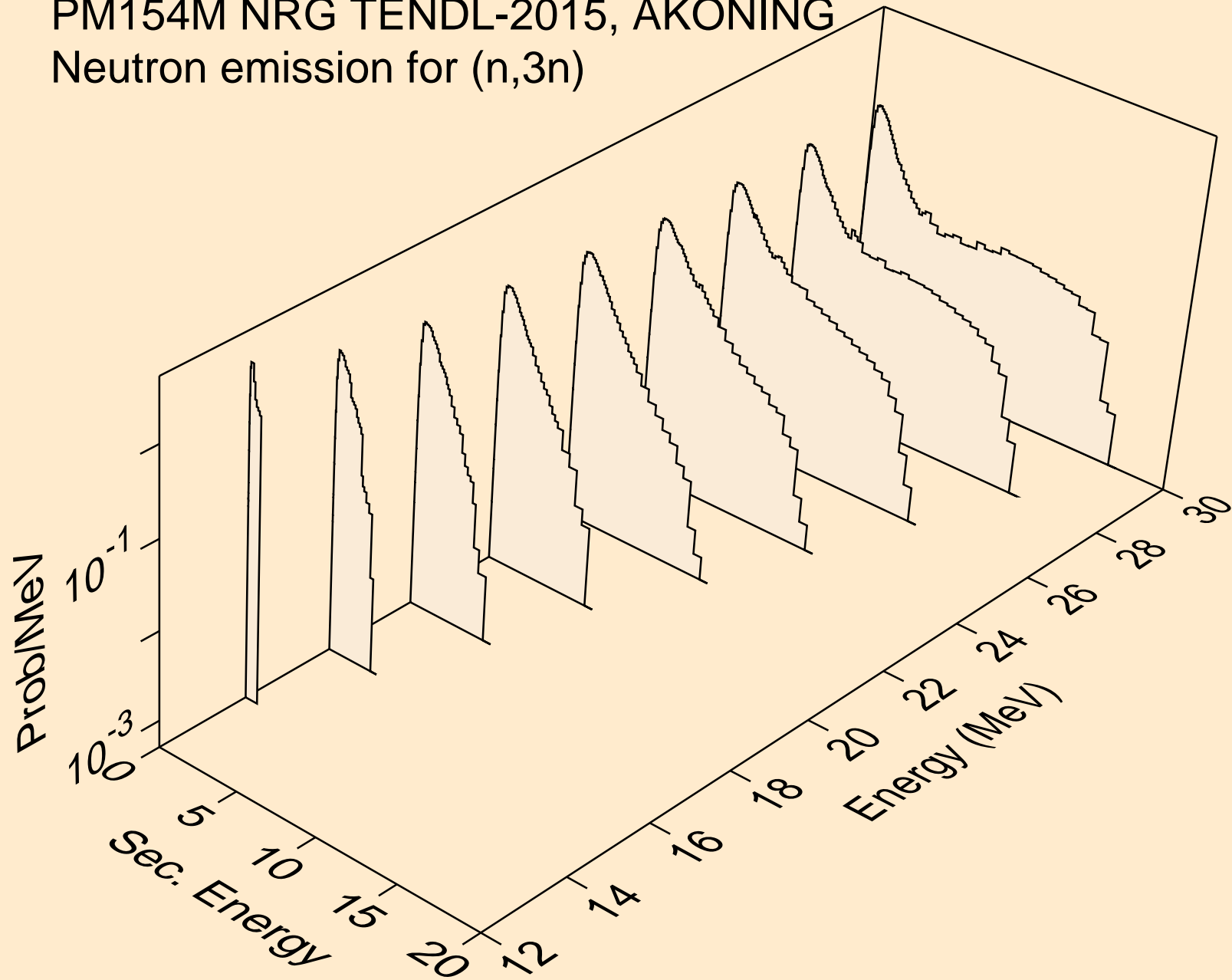




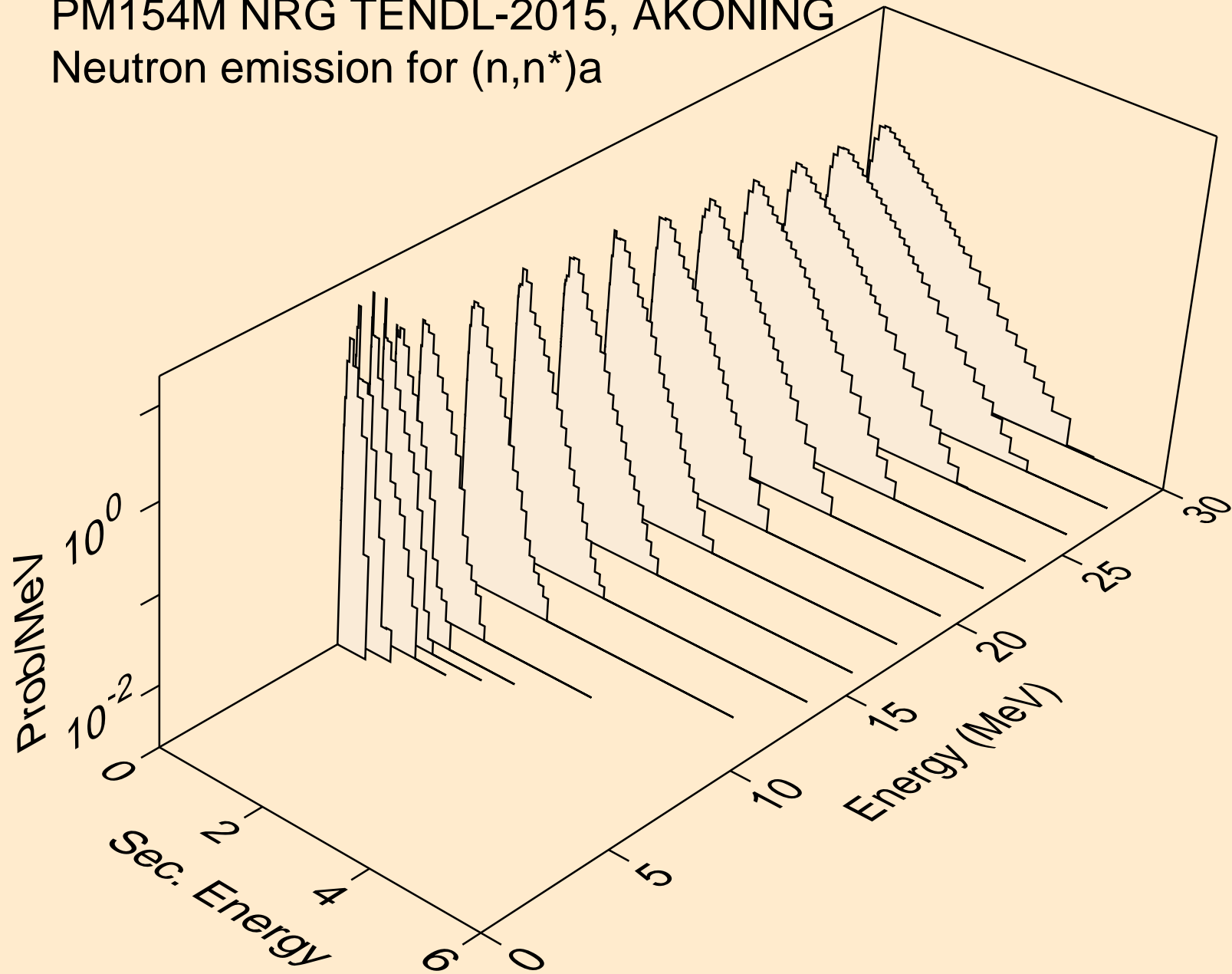
PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



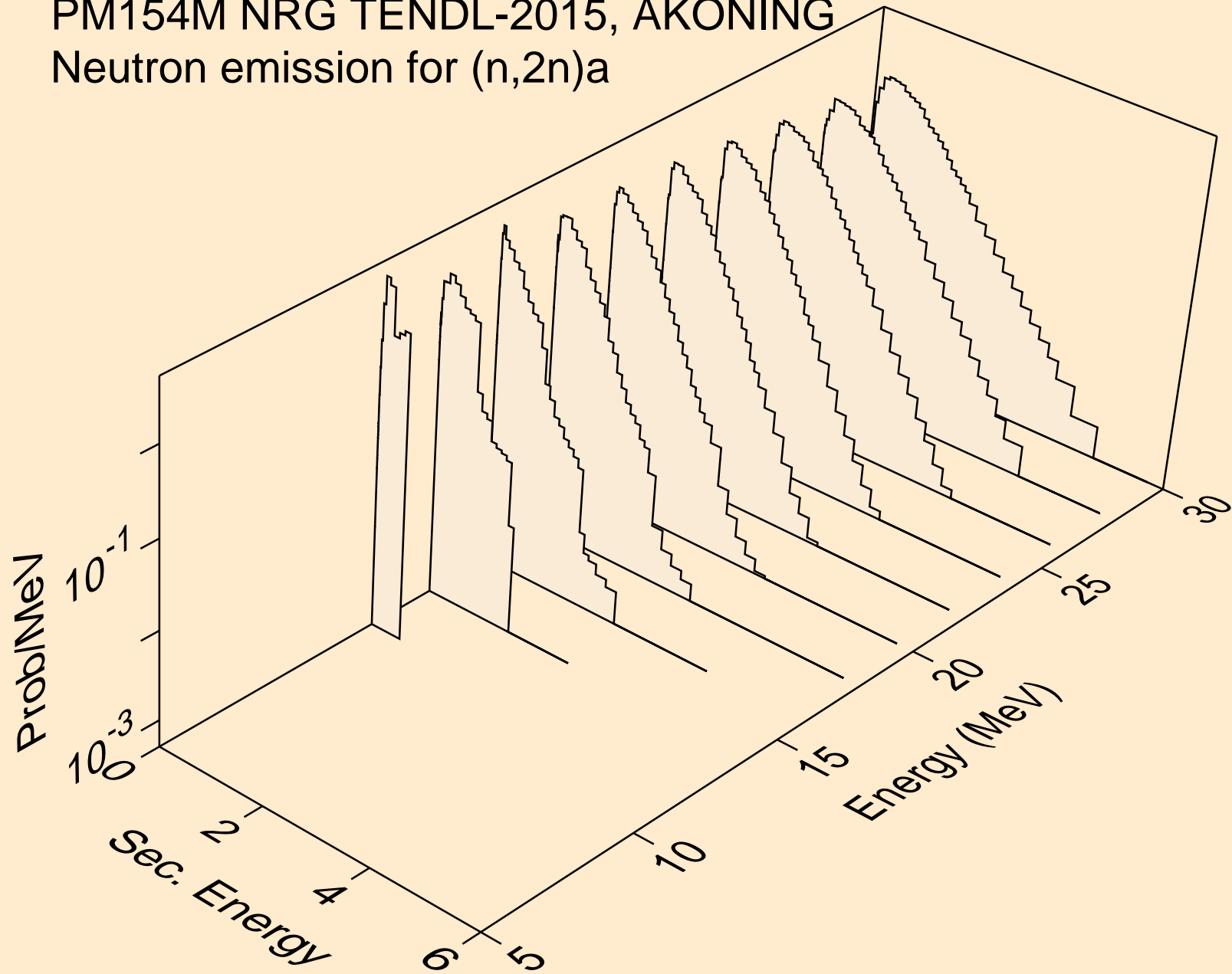
PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



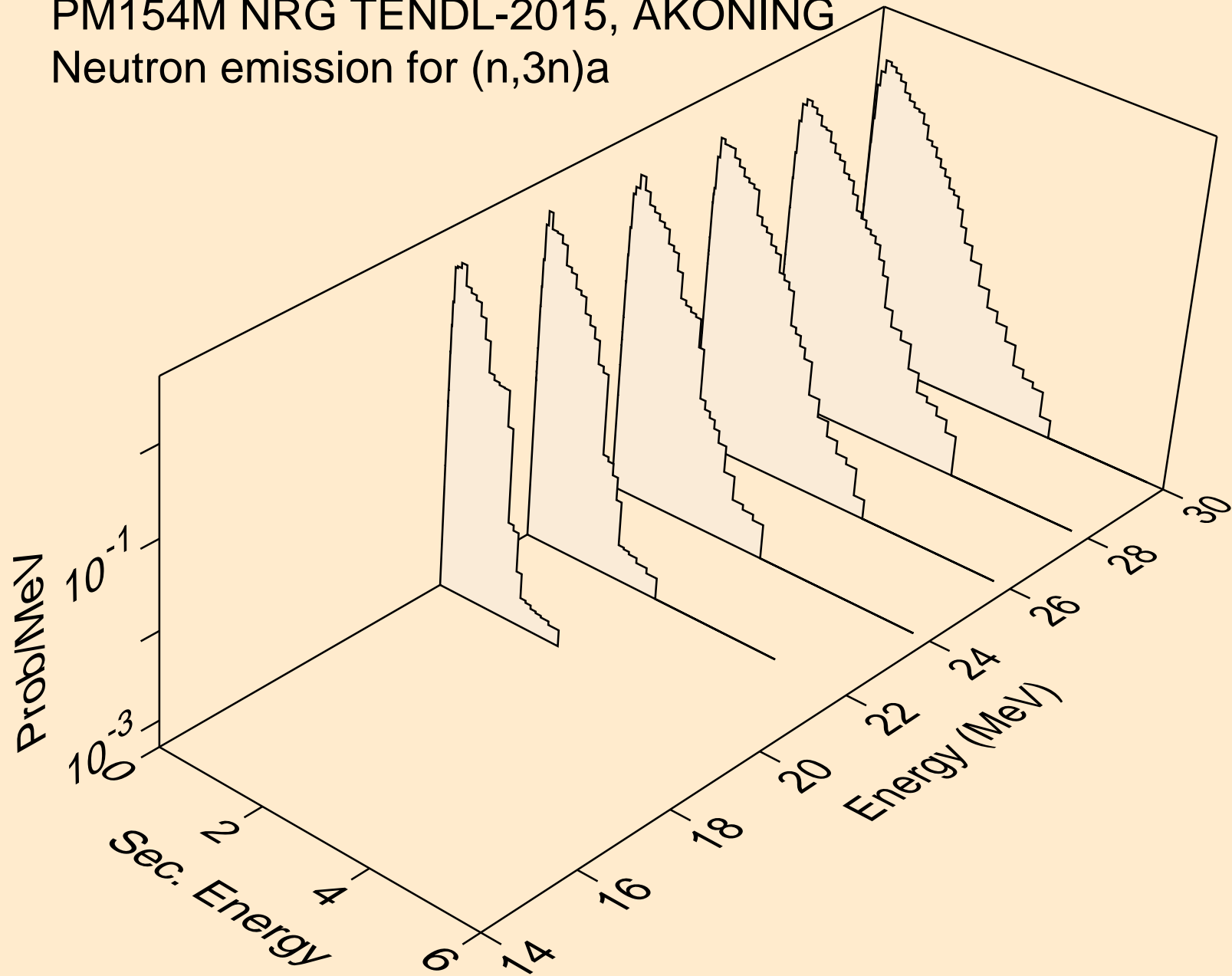
PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



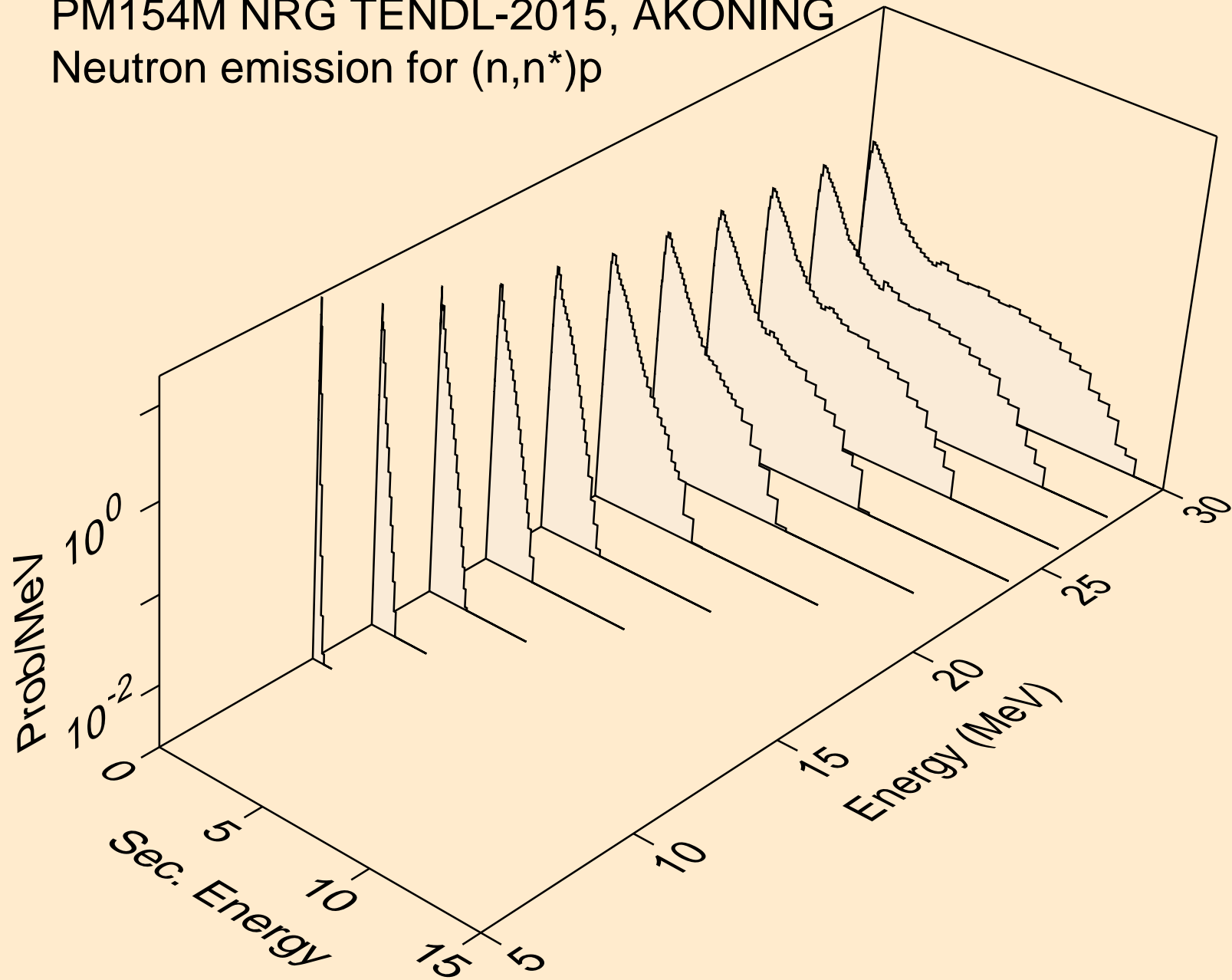
PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



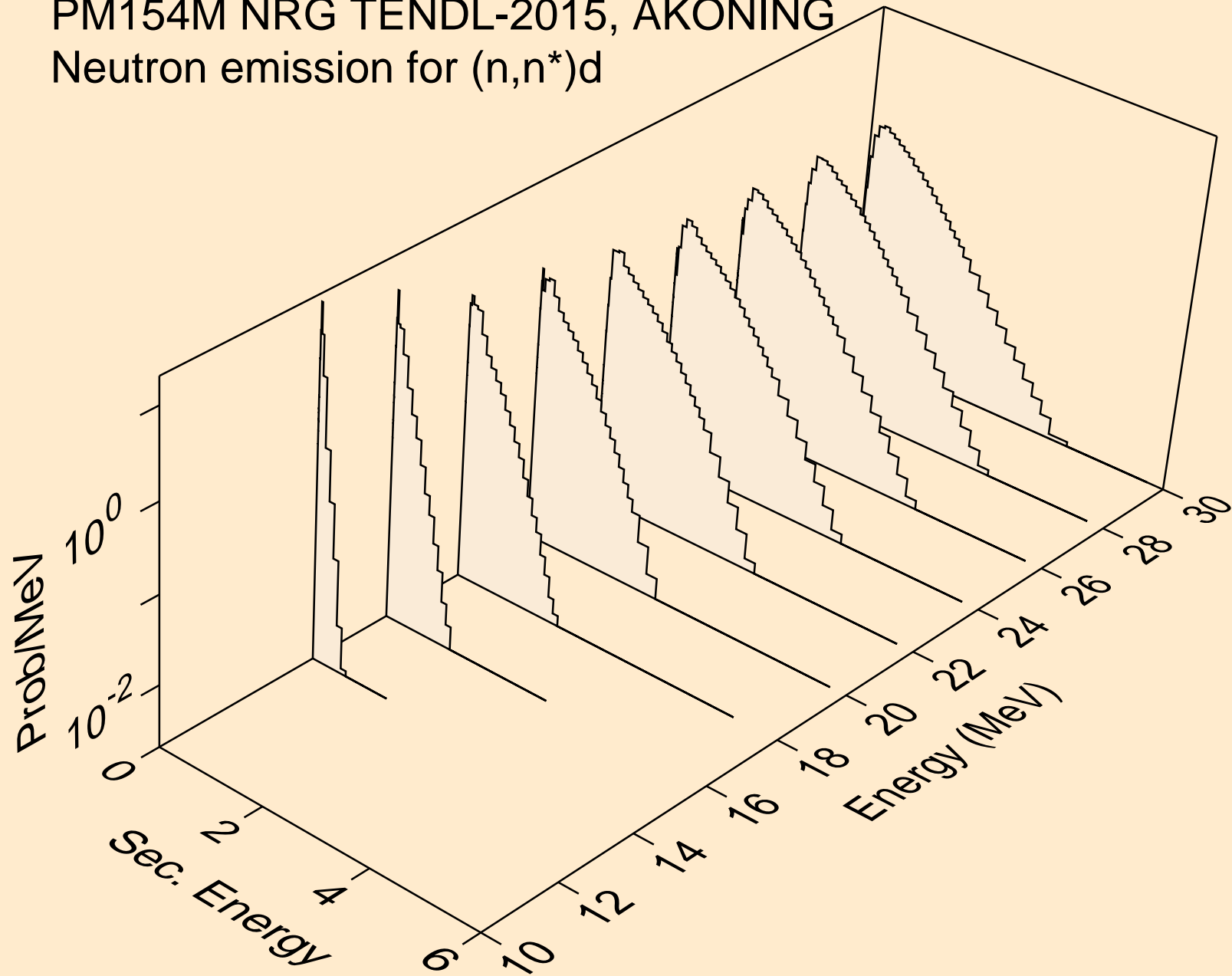
PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



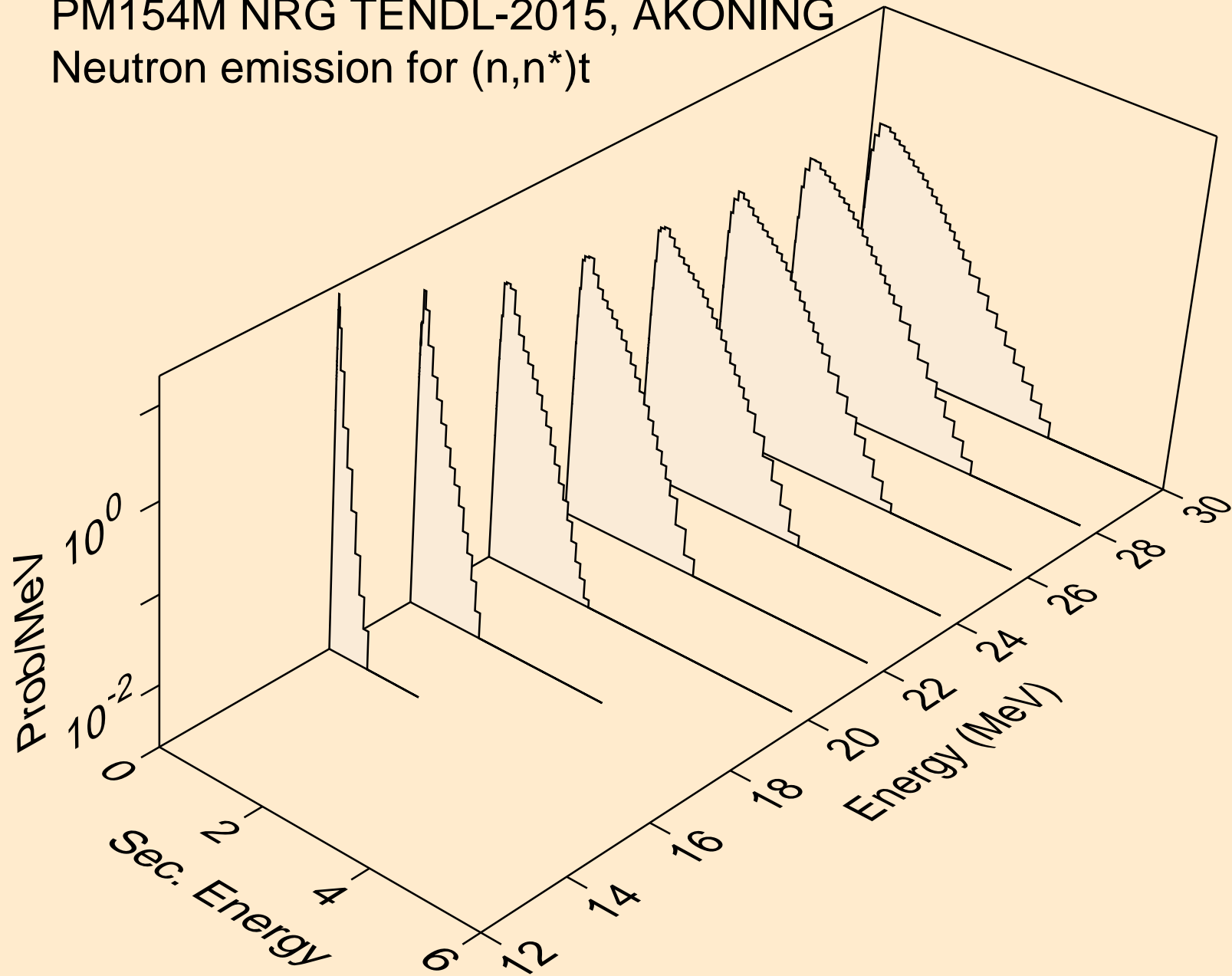
PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

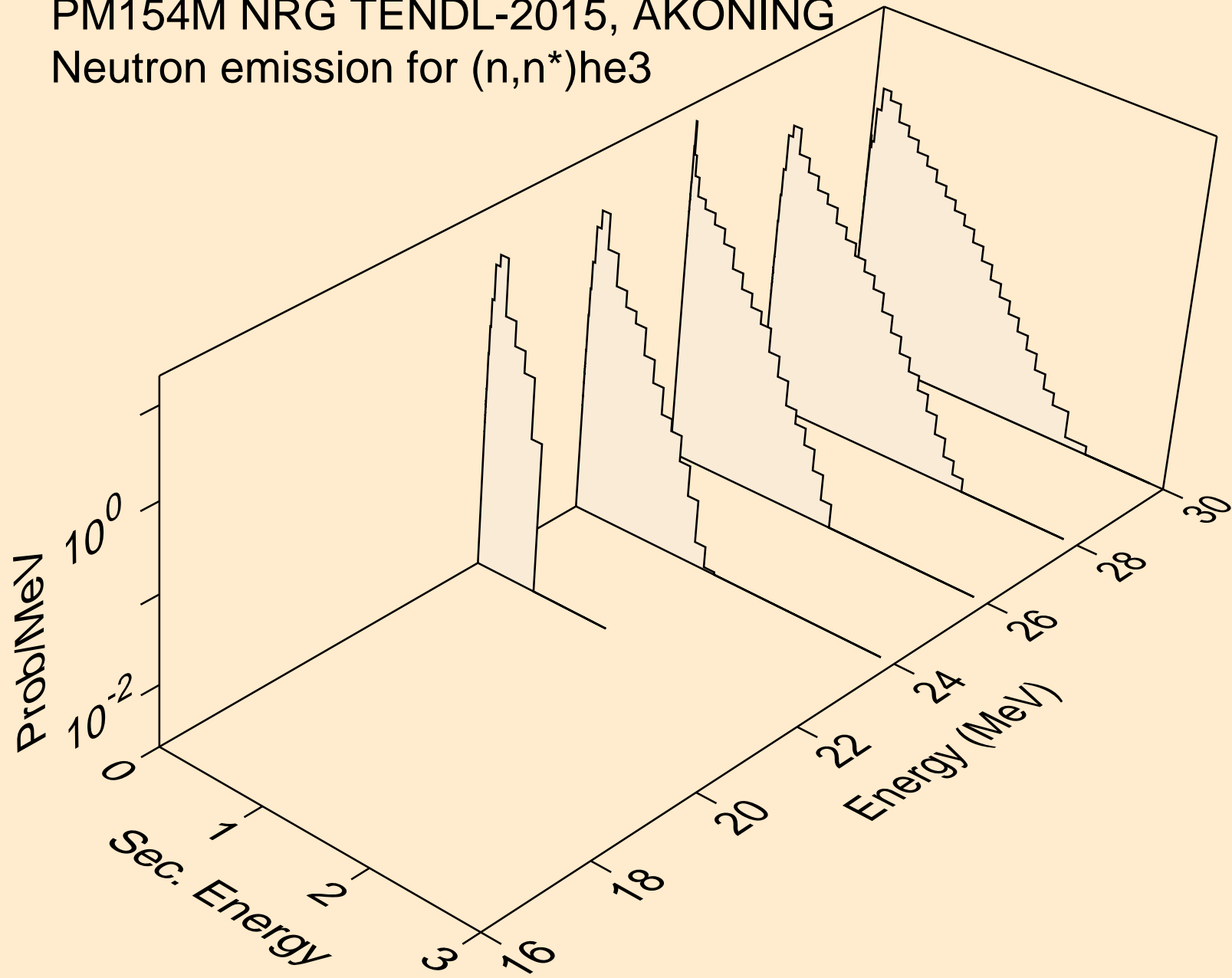


PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

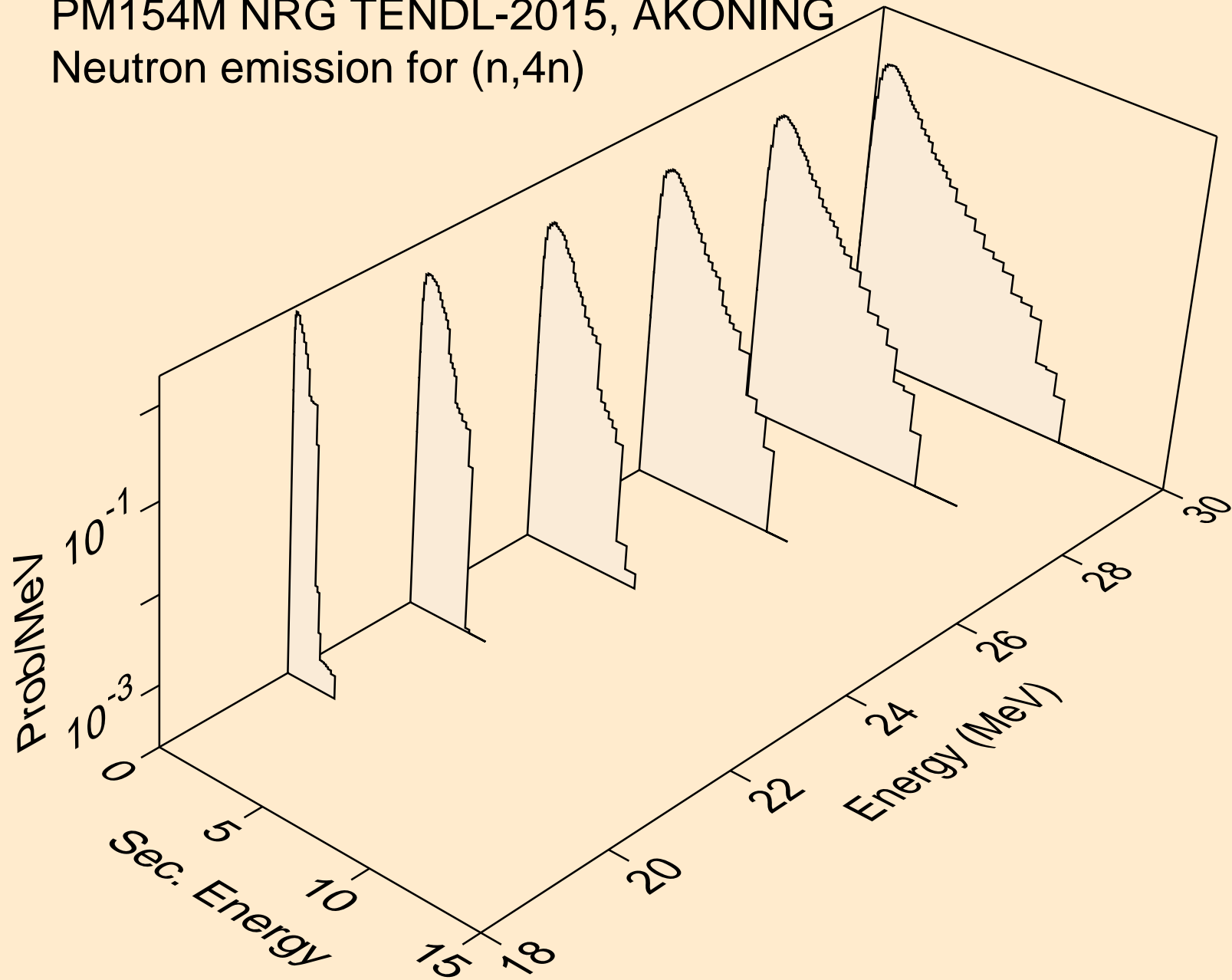




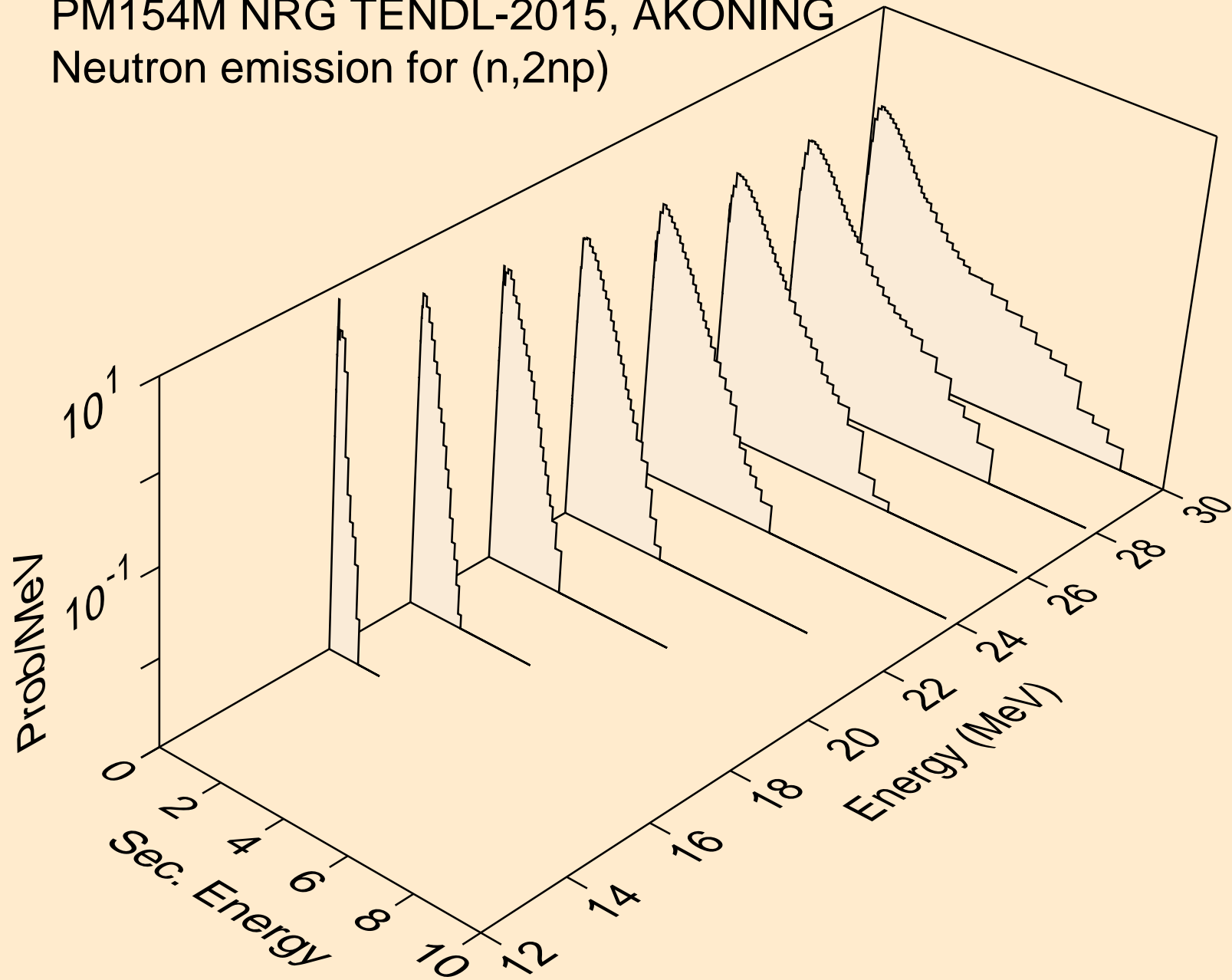
PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



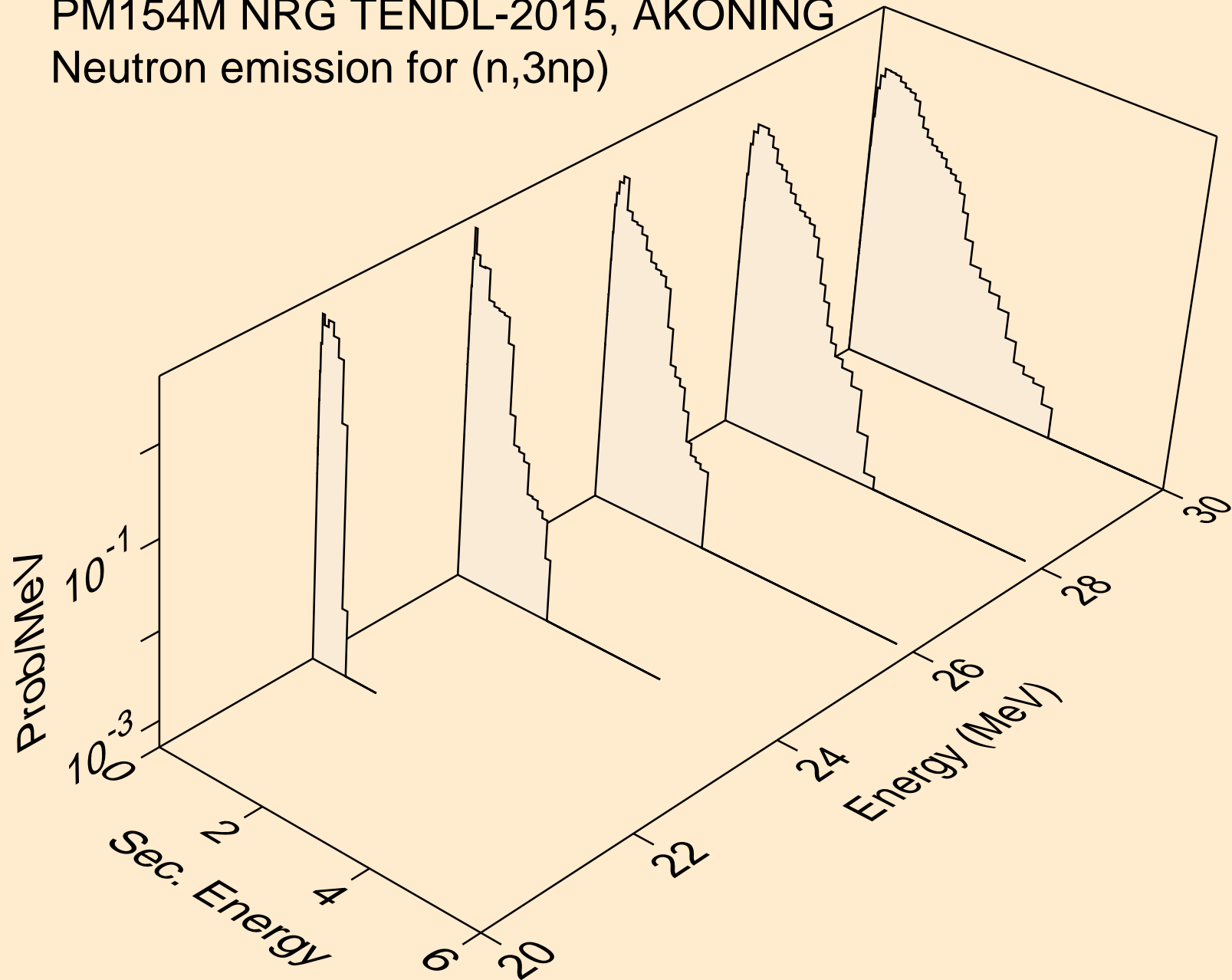
PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



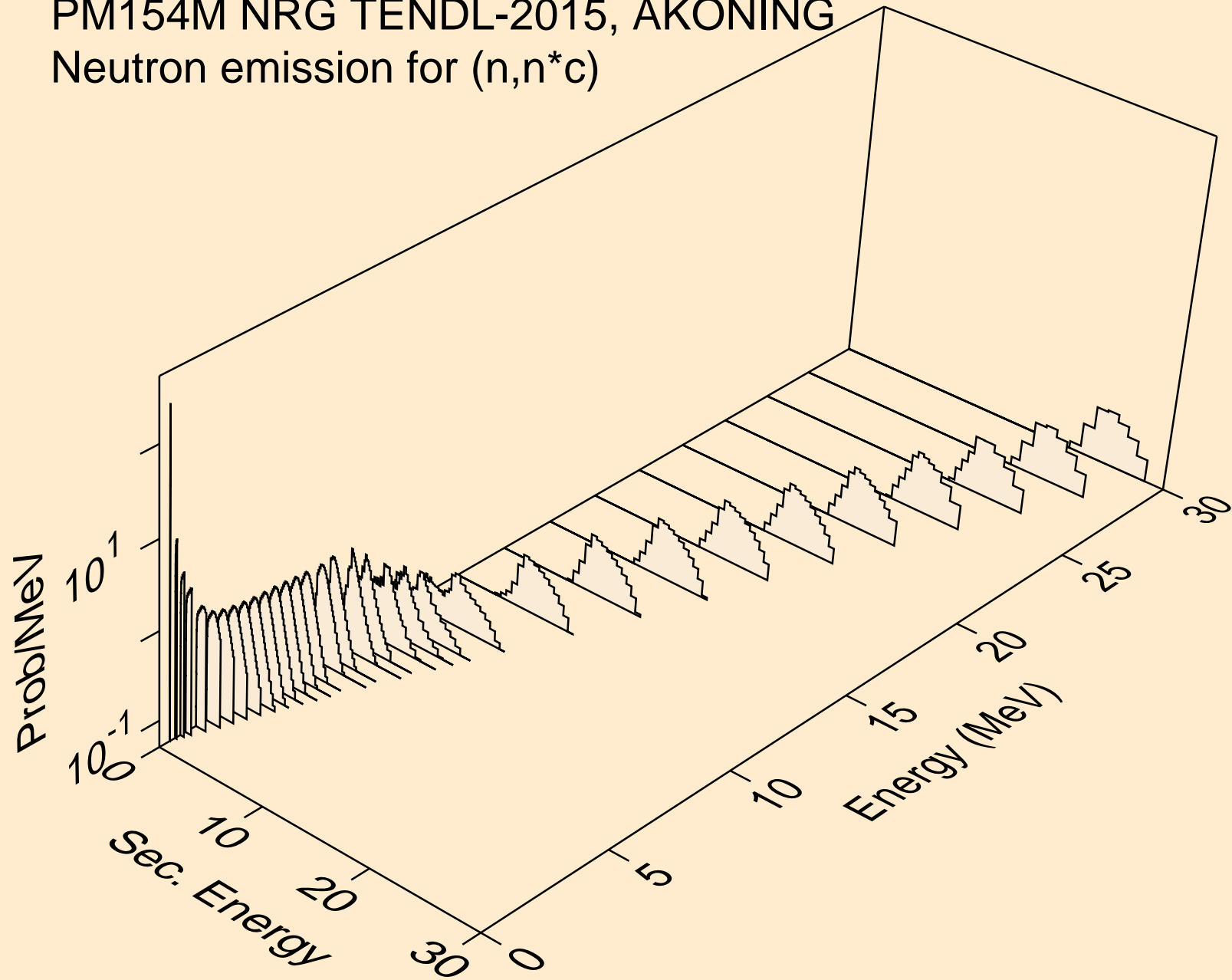
PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



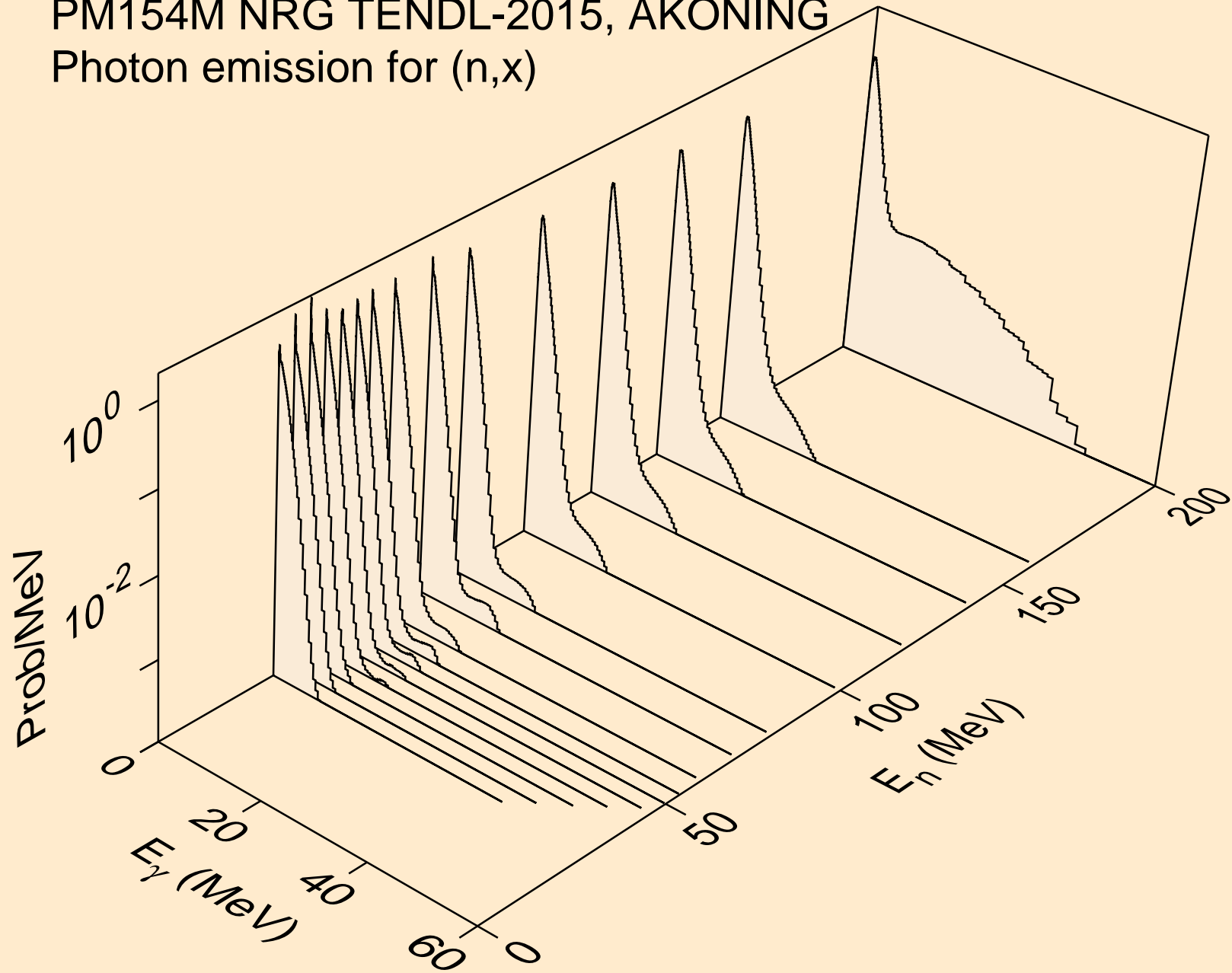
PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



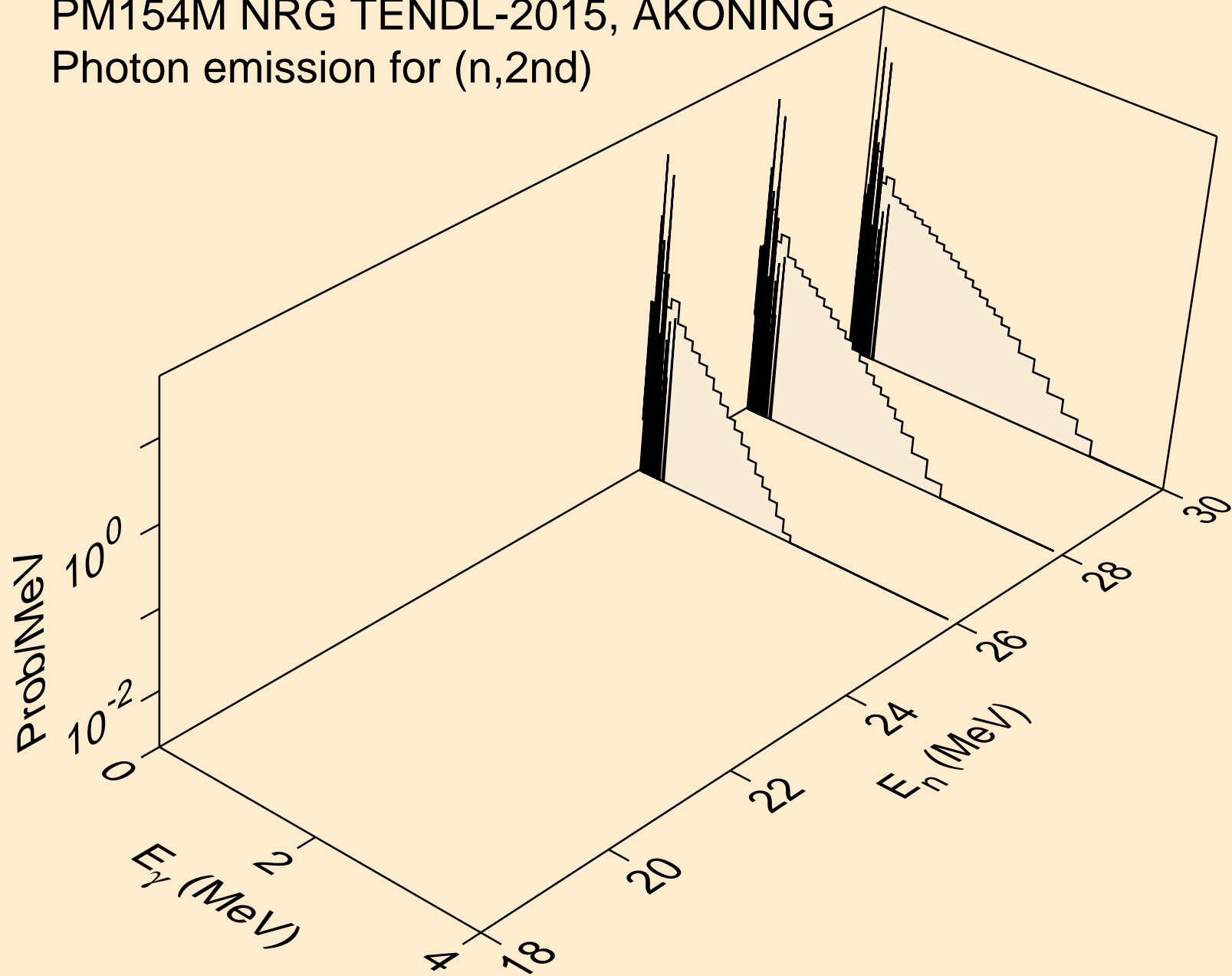
PM154M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



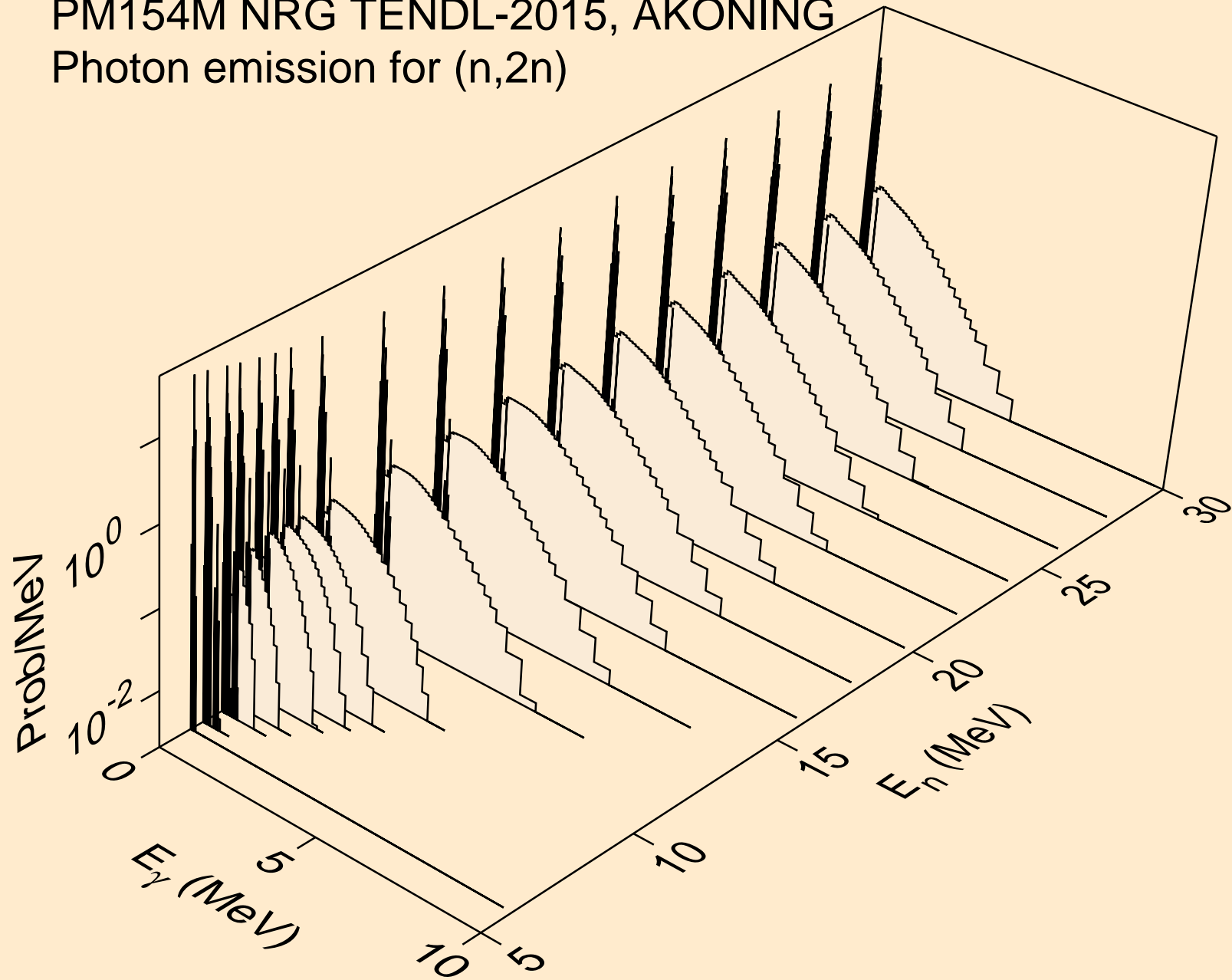
PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

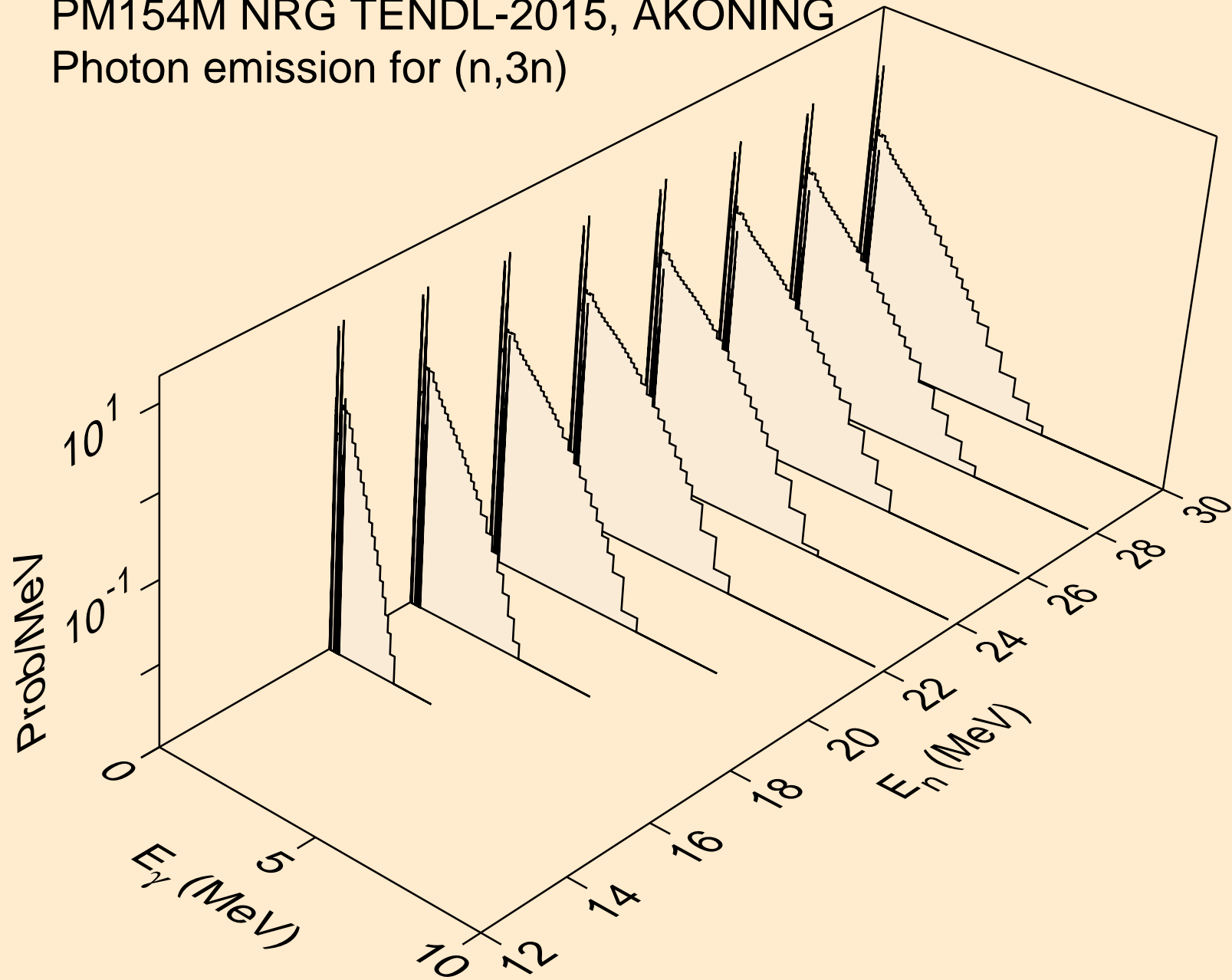


PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

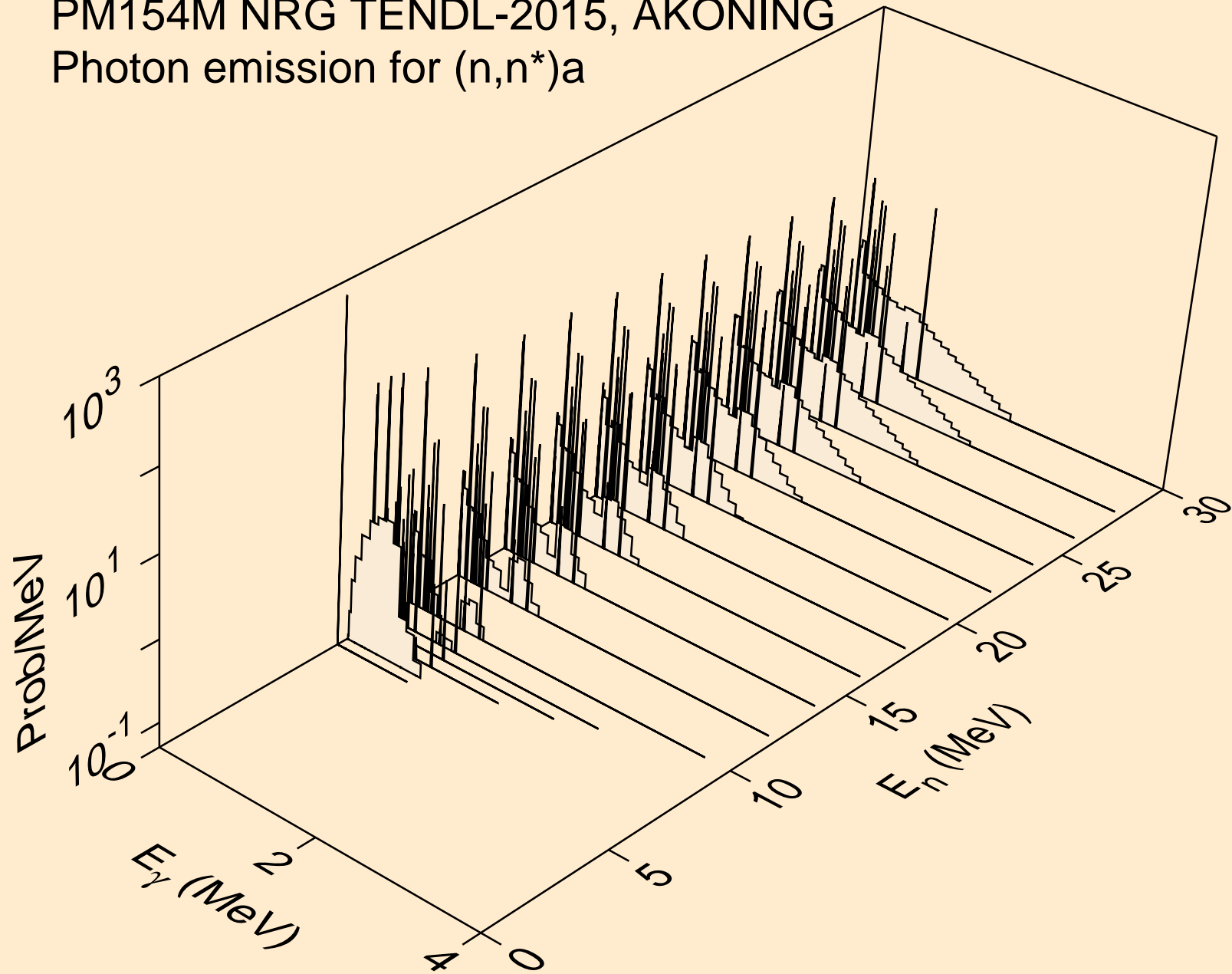




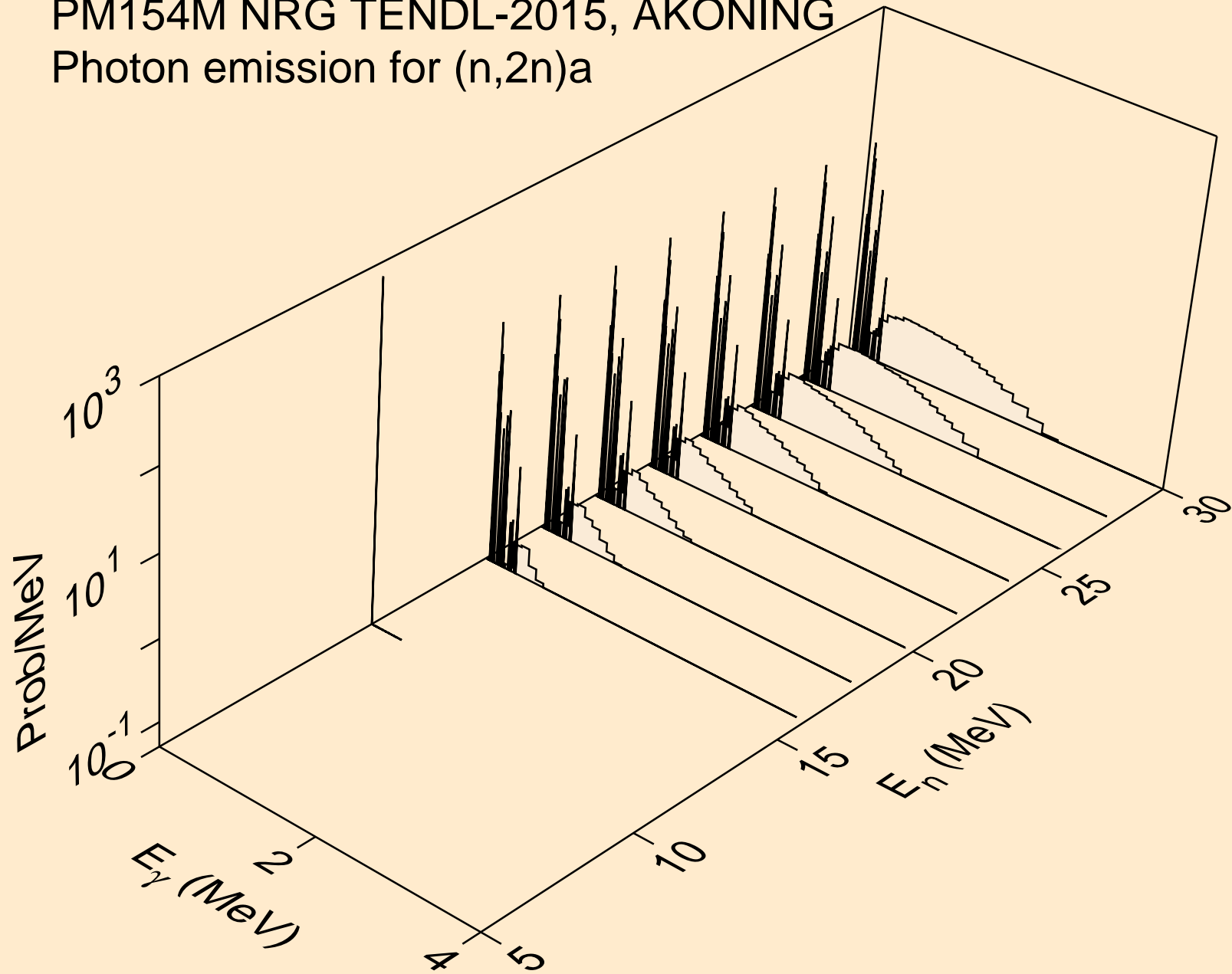
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Photon emission for (n,3n)



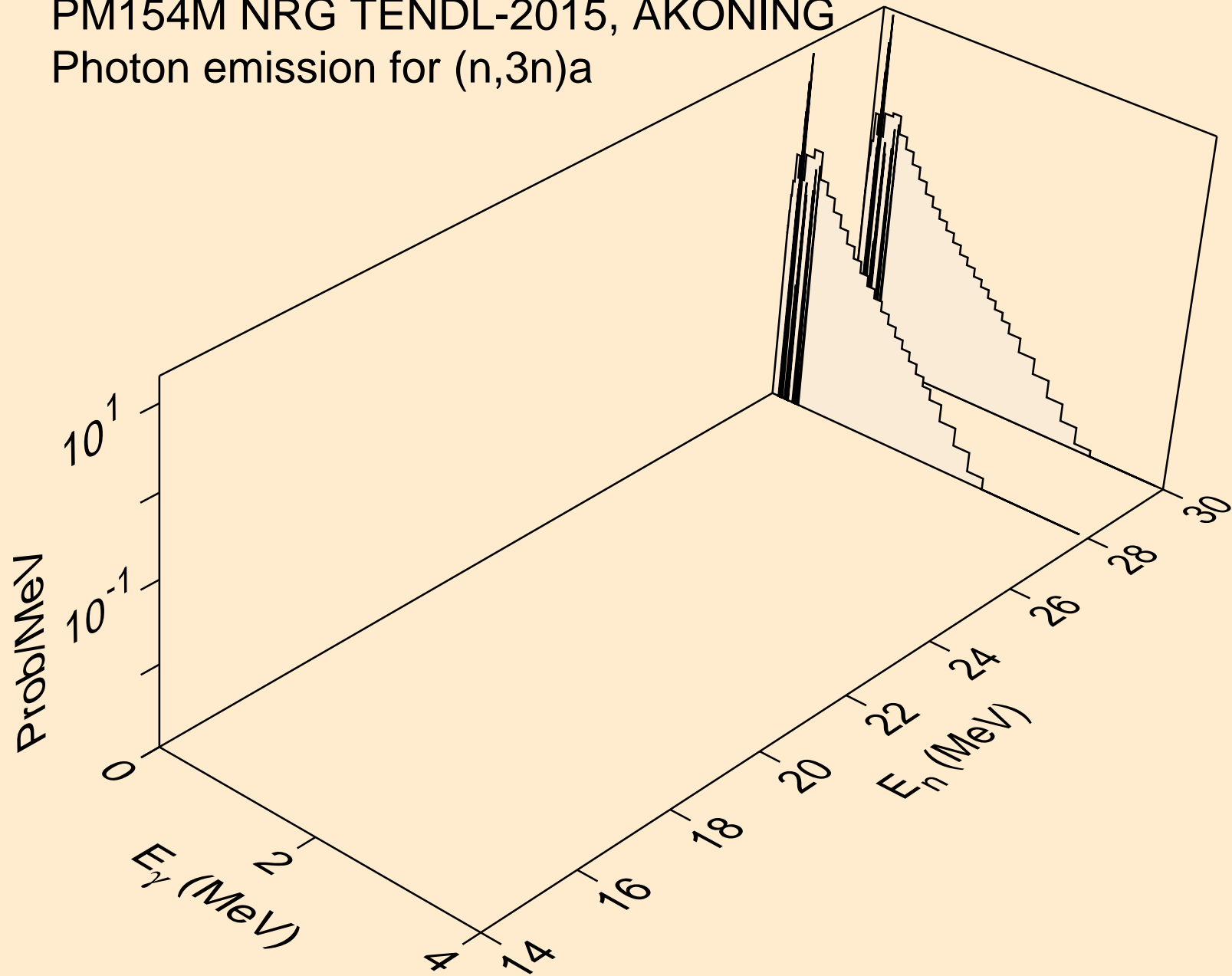
PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



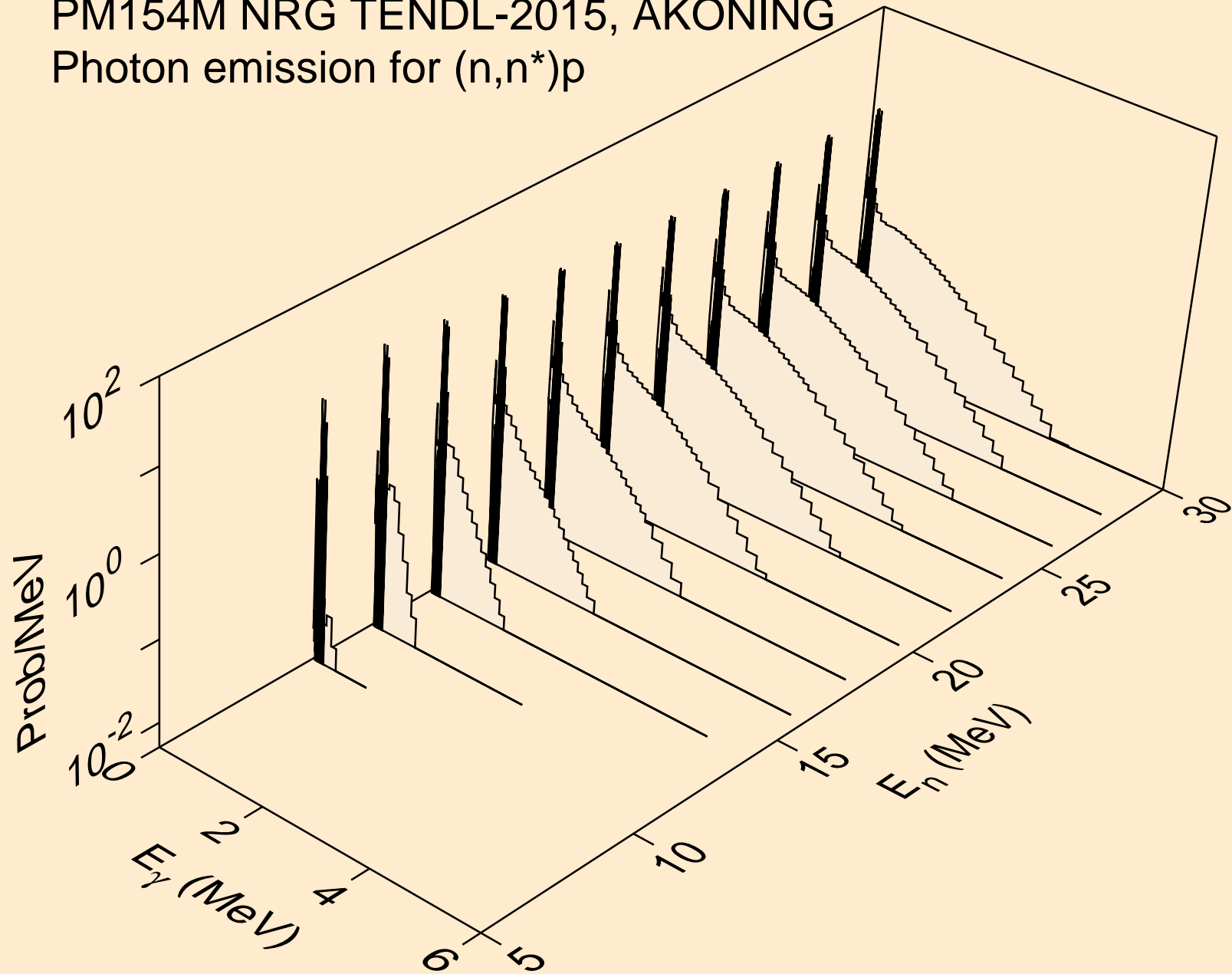
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Photon emission for (n,2n)a



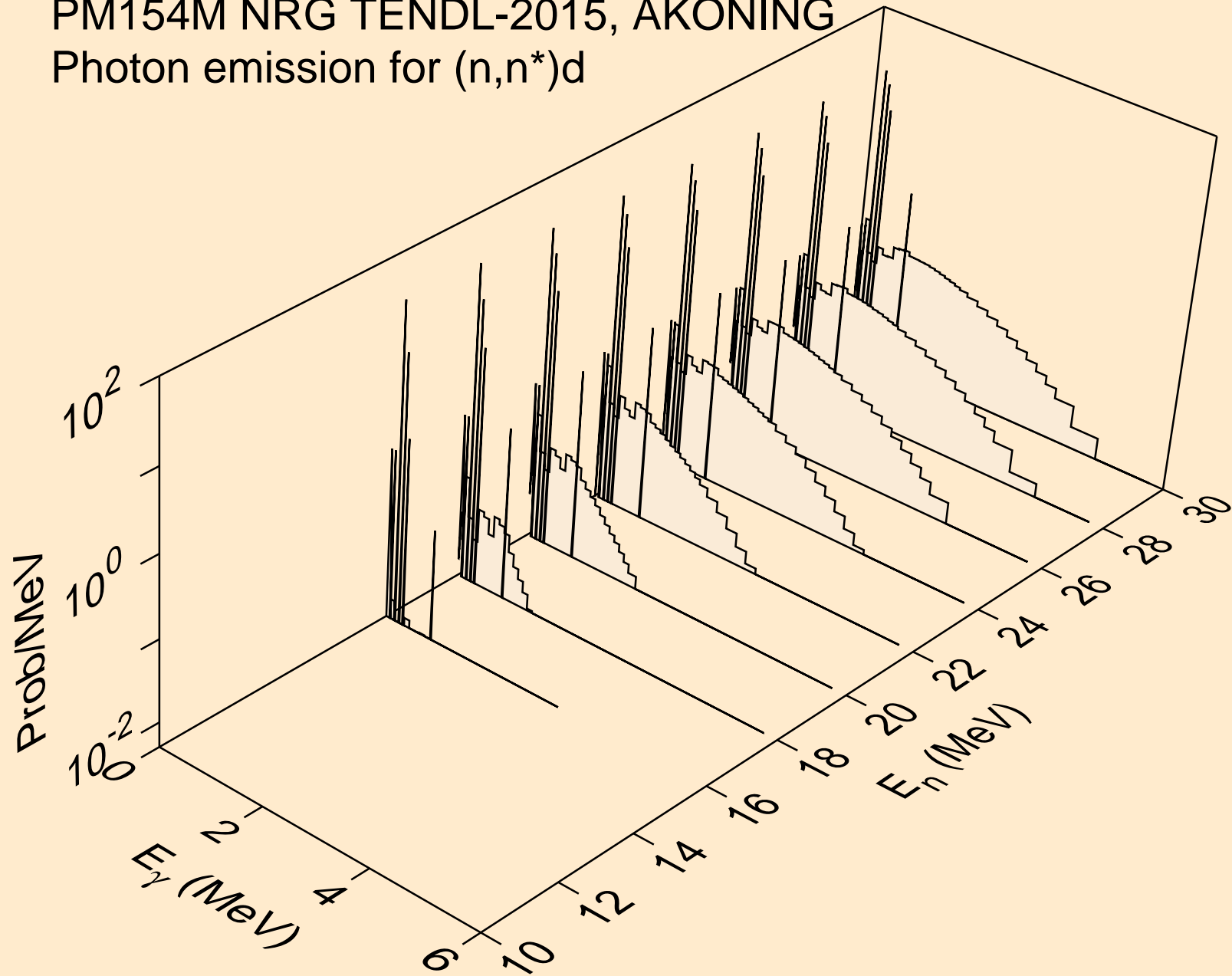
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Photon emission for (n,3n)a



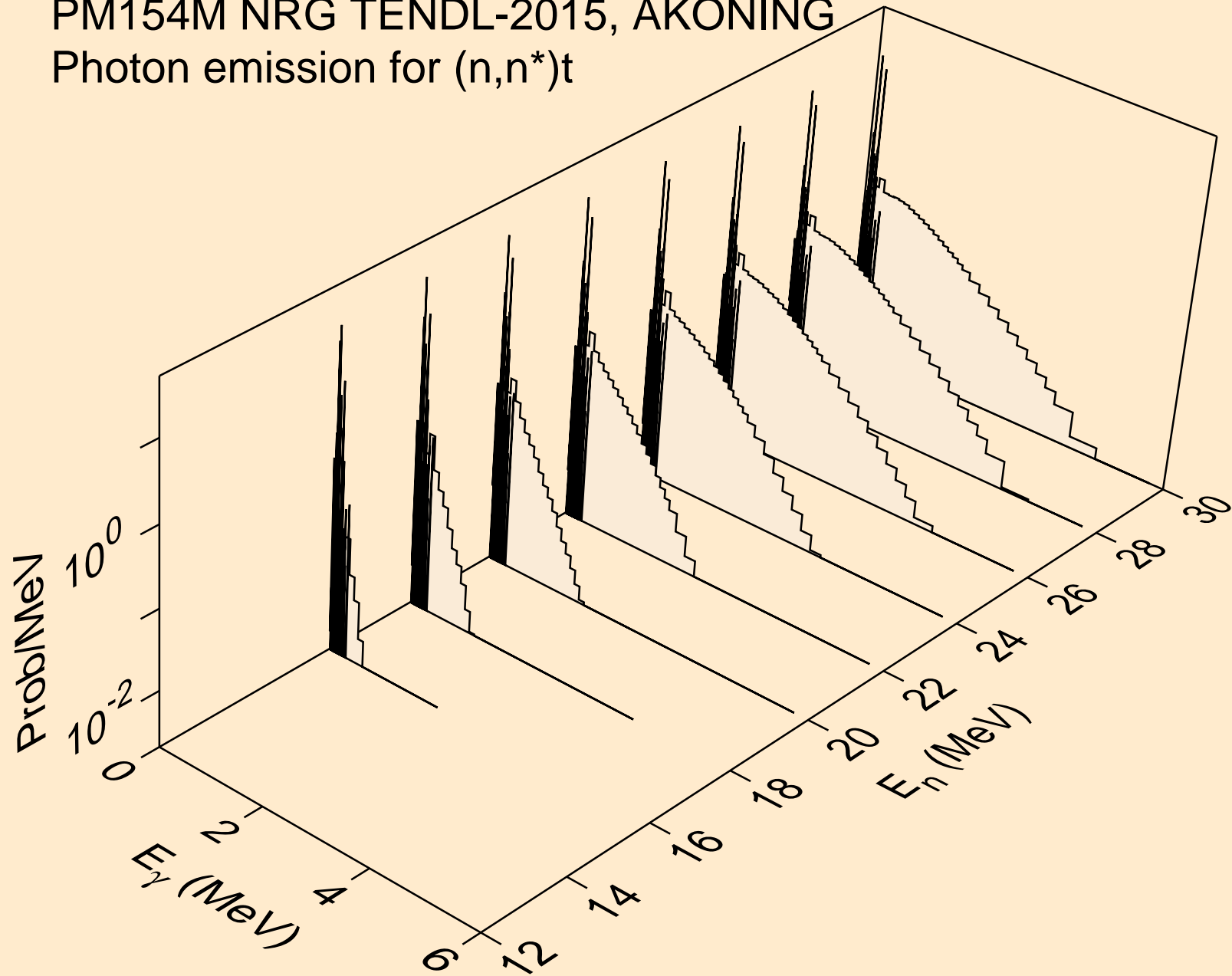
PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



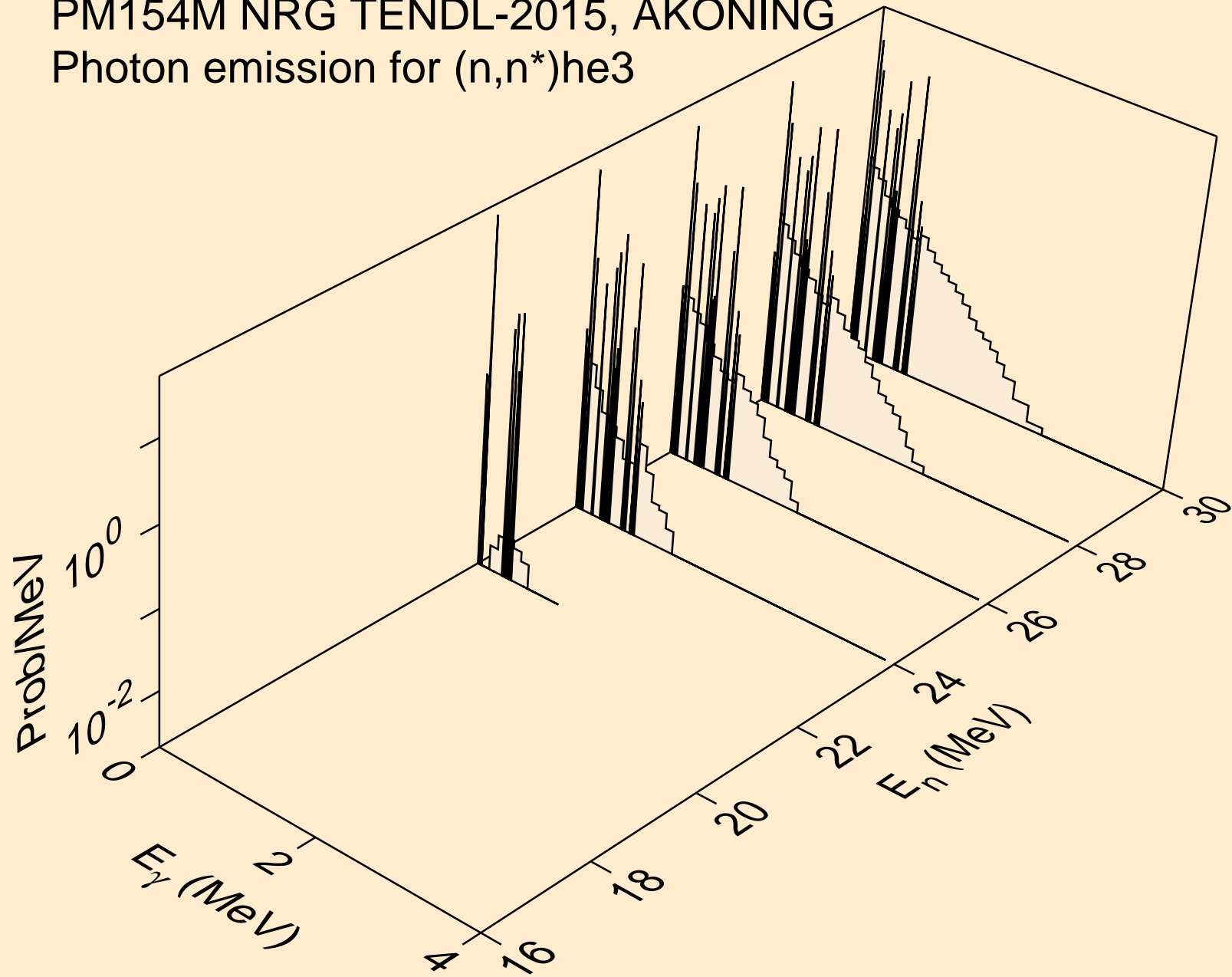
PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

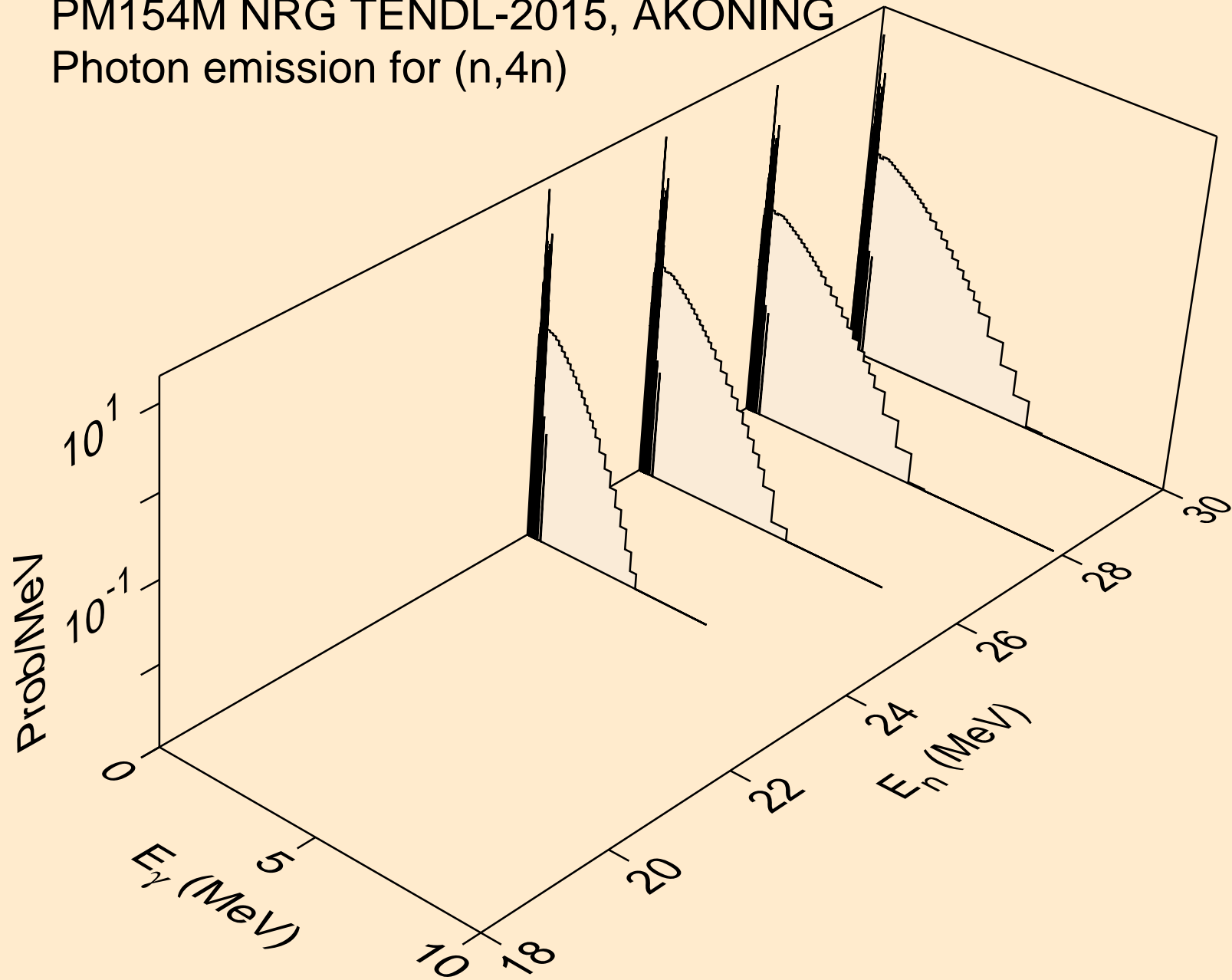


PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

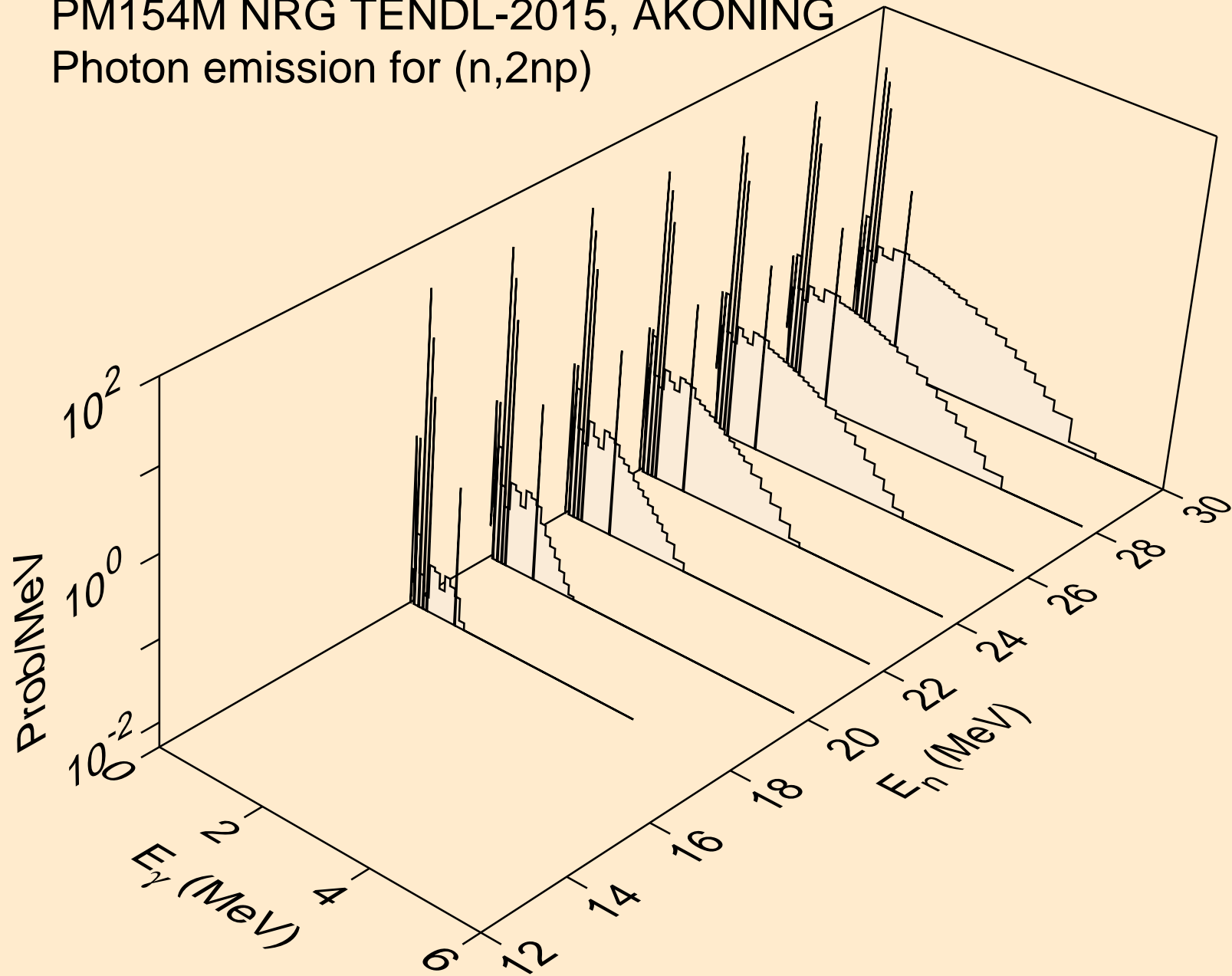




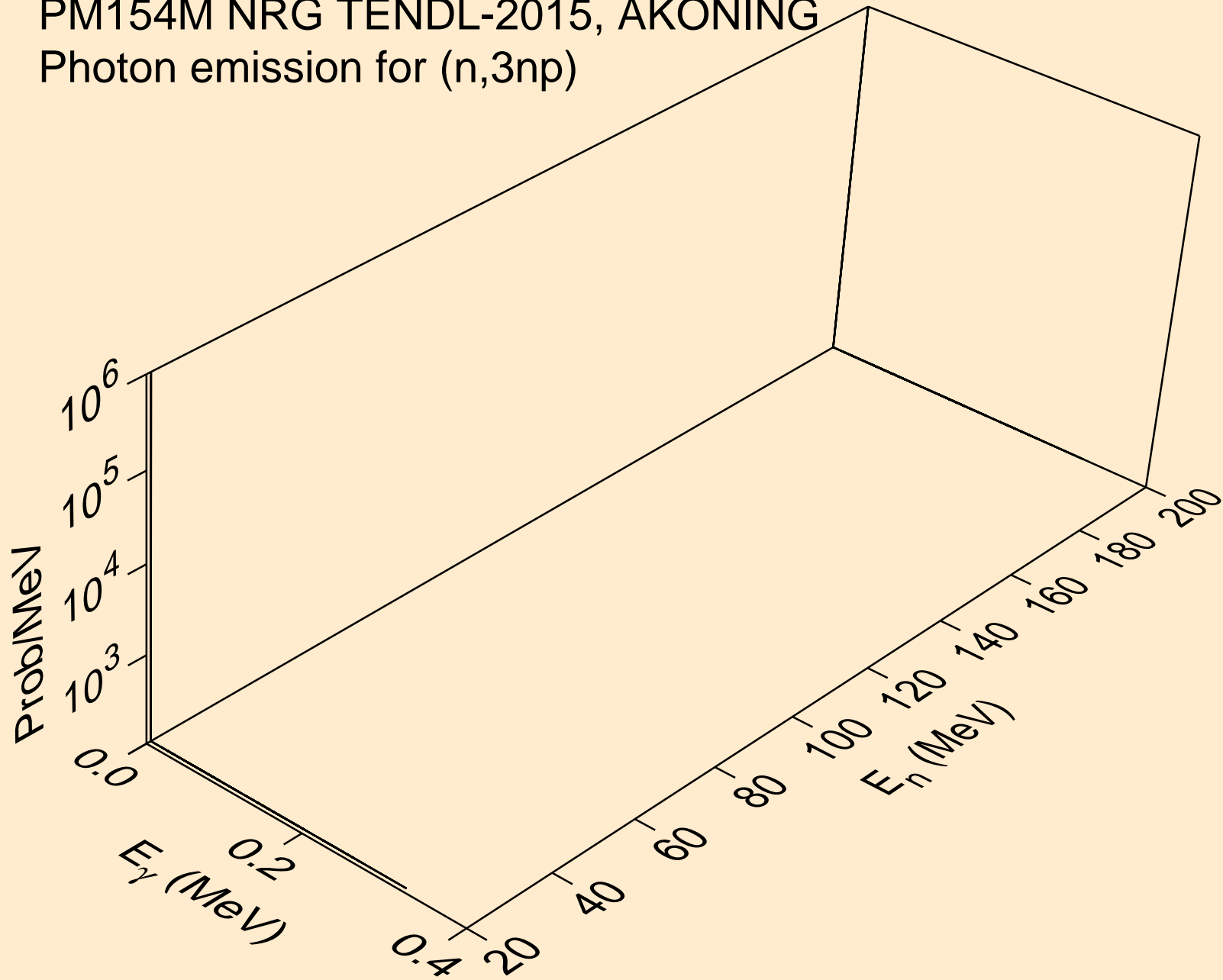
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Photon emission for (n,4n)



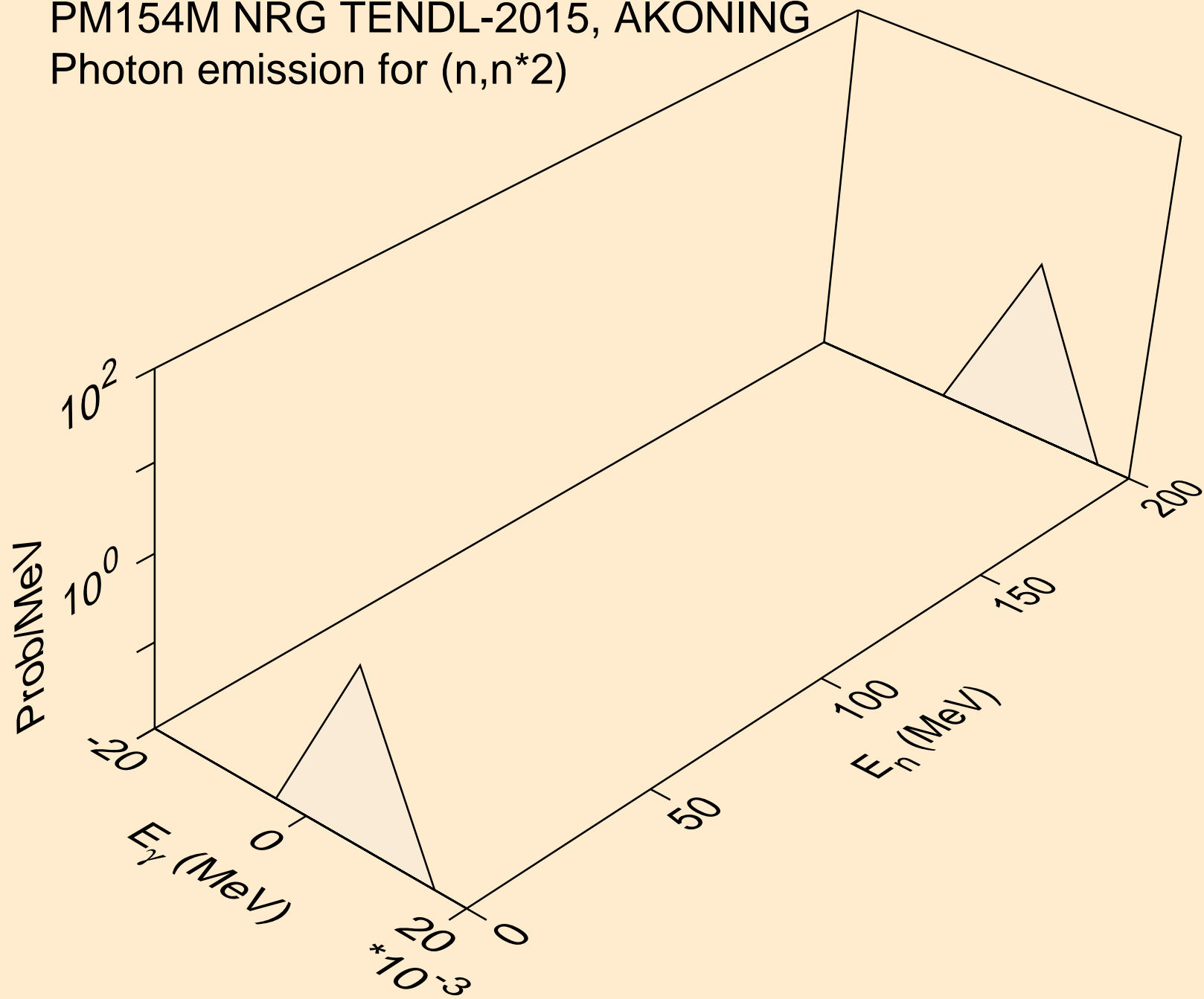
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Photon emission for (n,2np)



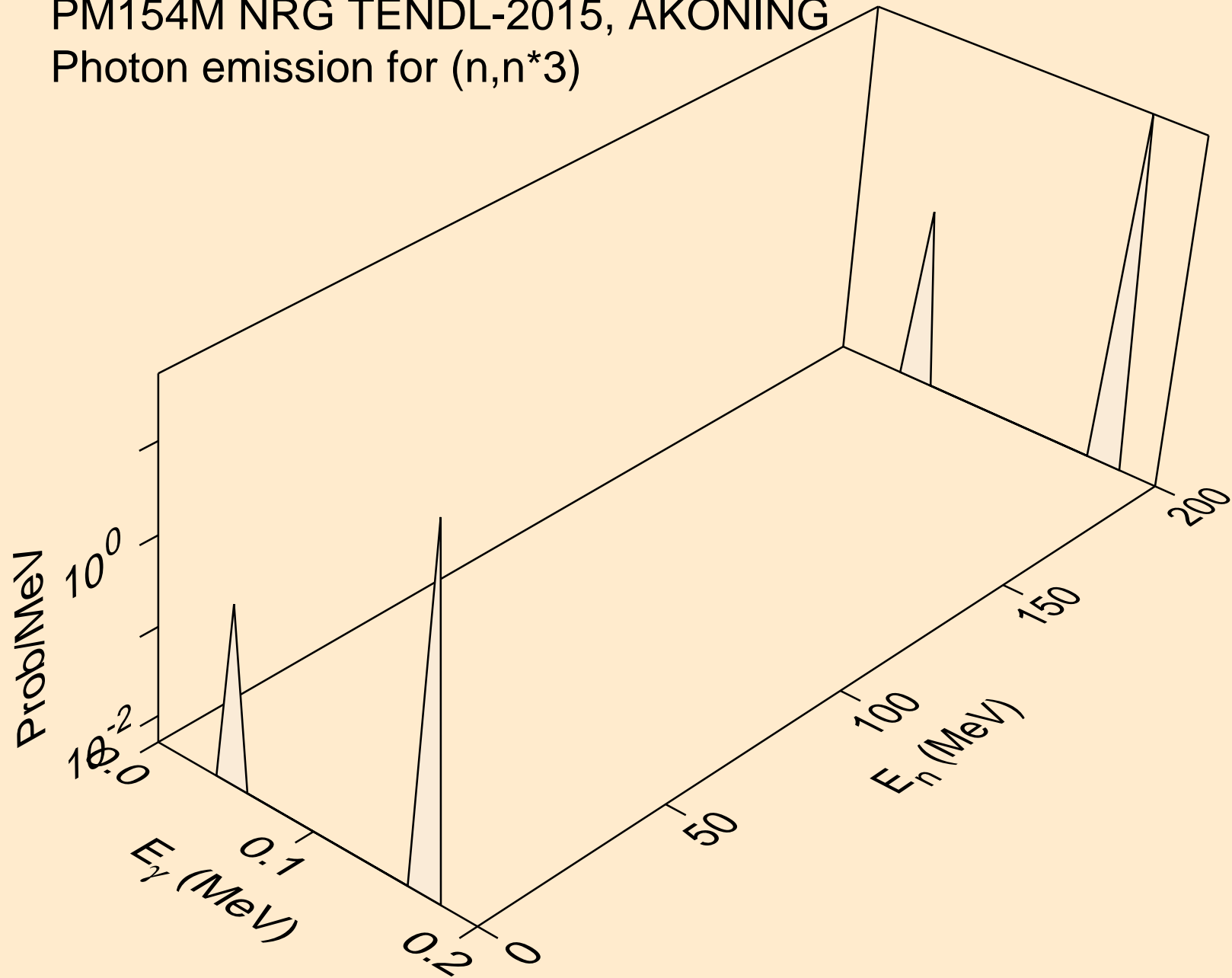
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Photon emission for (n,3np)



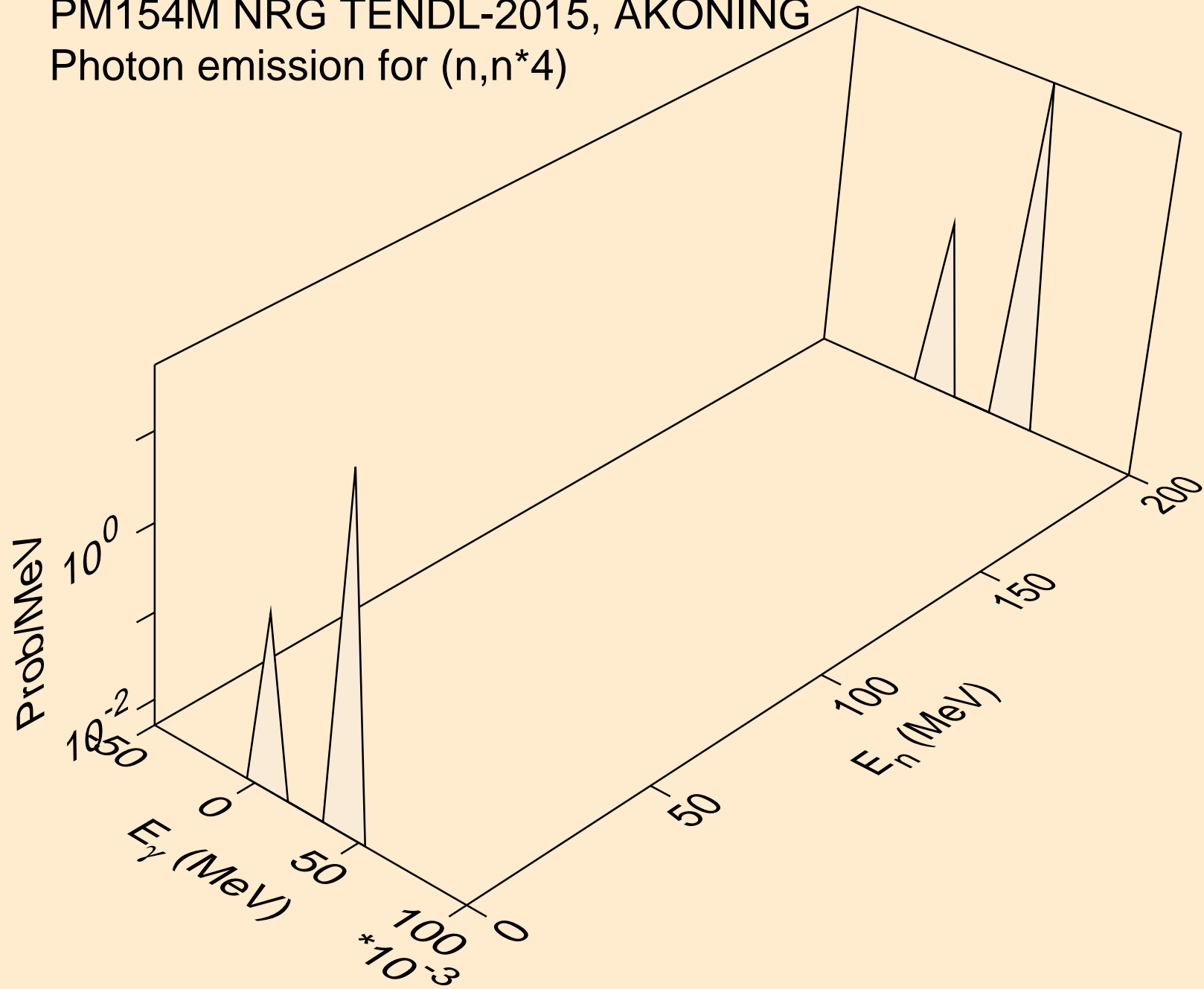
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Photon emission for (n,n\*2)



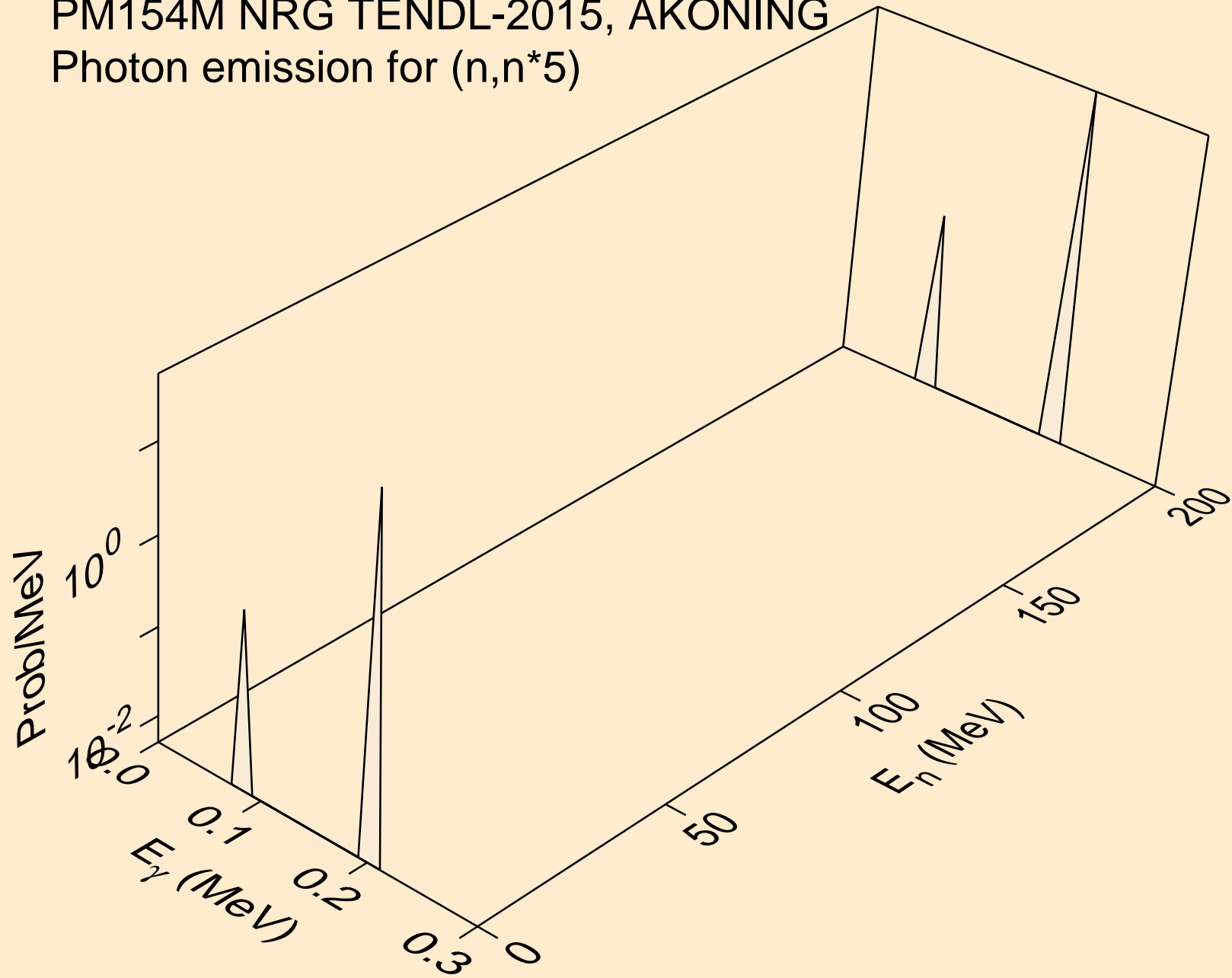
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Photon emission for (n,n\*3)



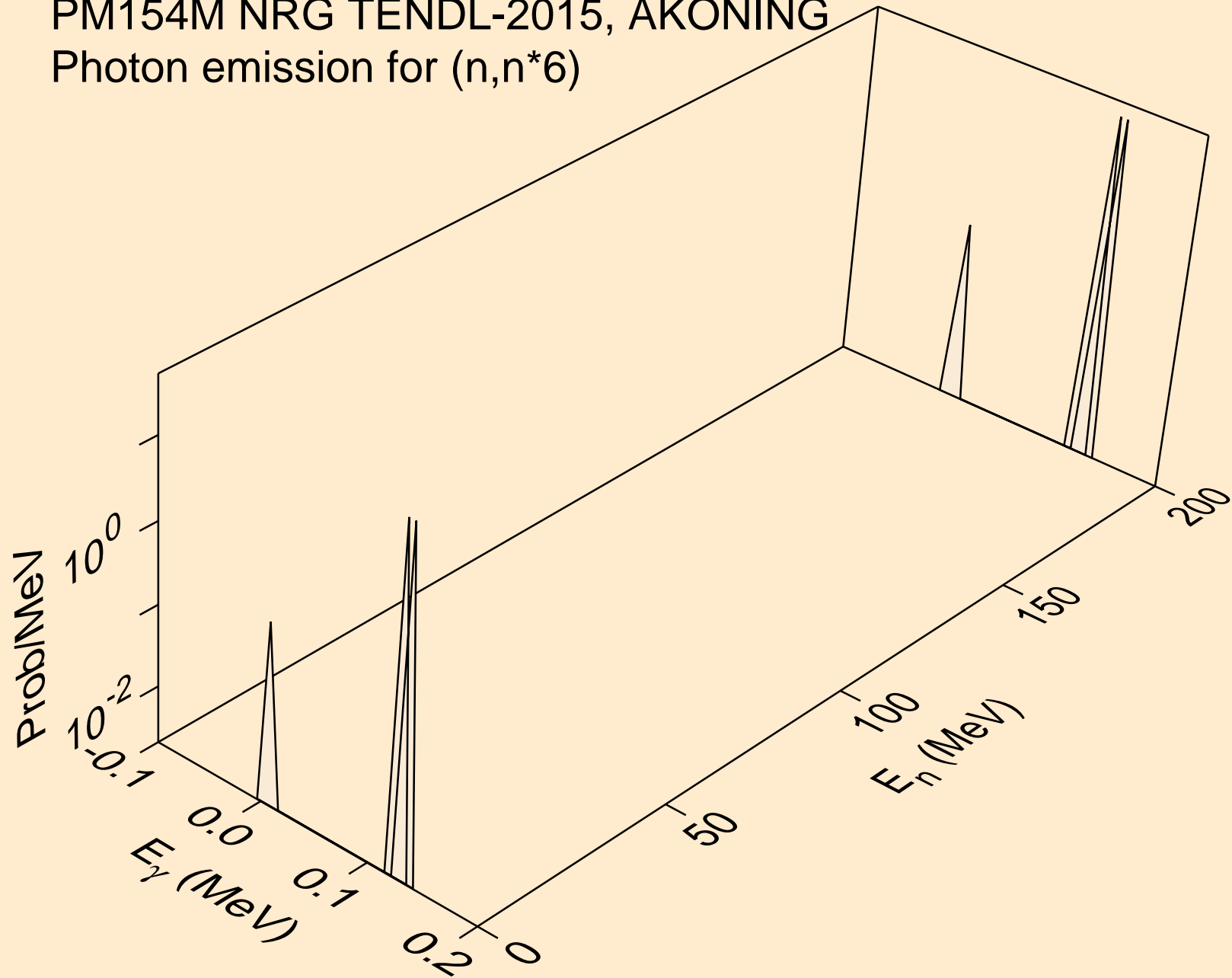
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Photon emission for (n,n\*4)



PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)

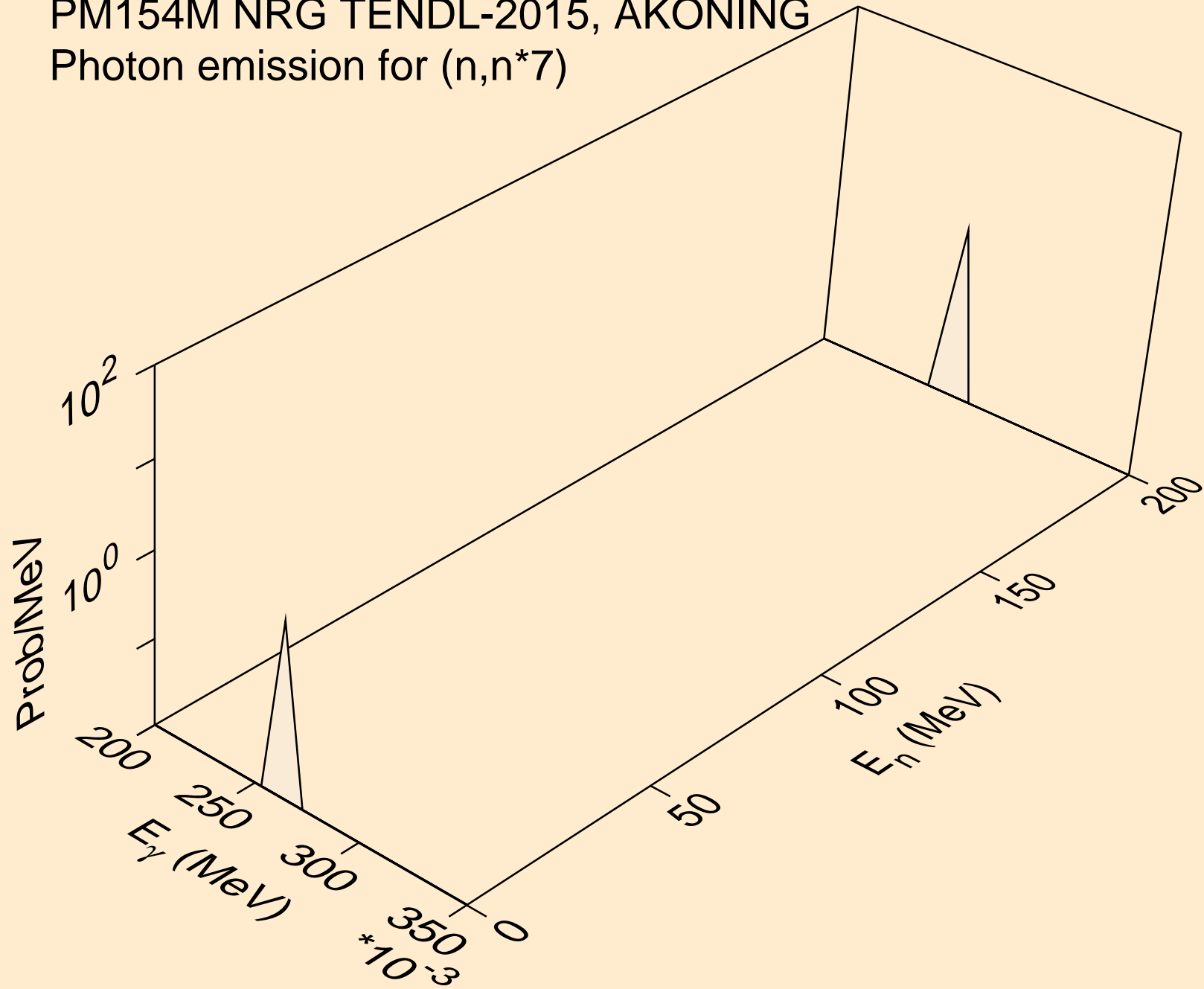


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Photon emission for (n,n\*6)

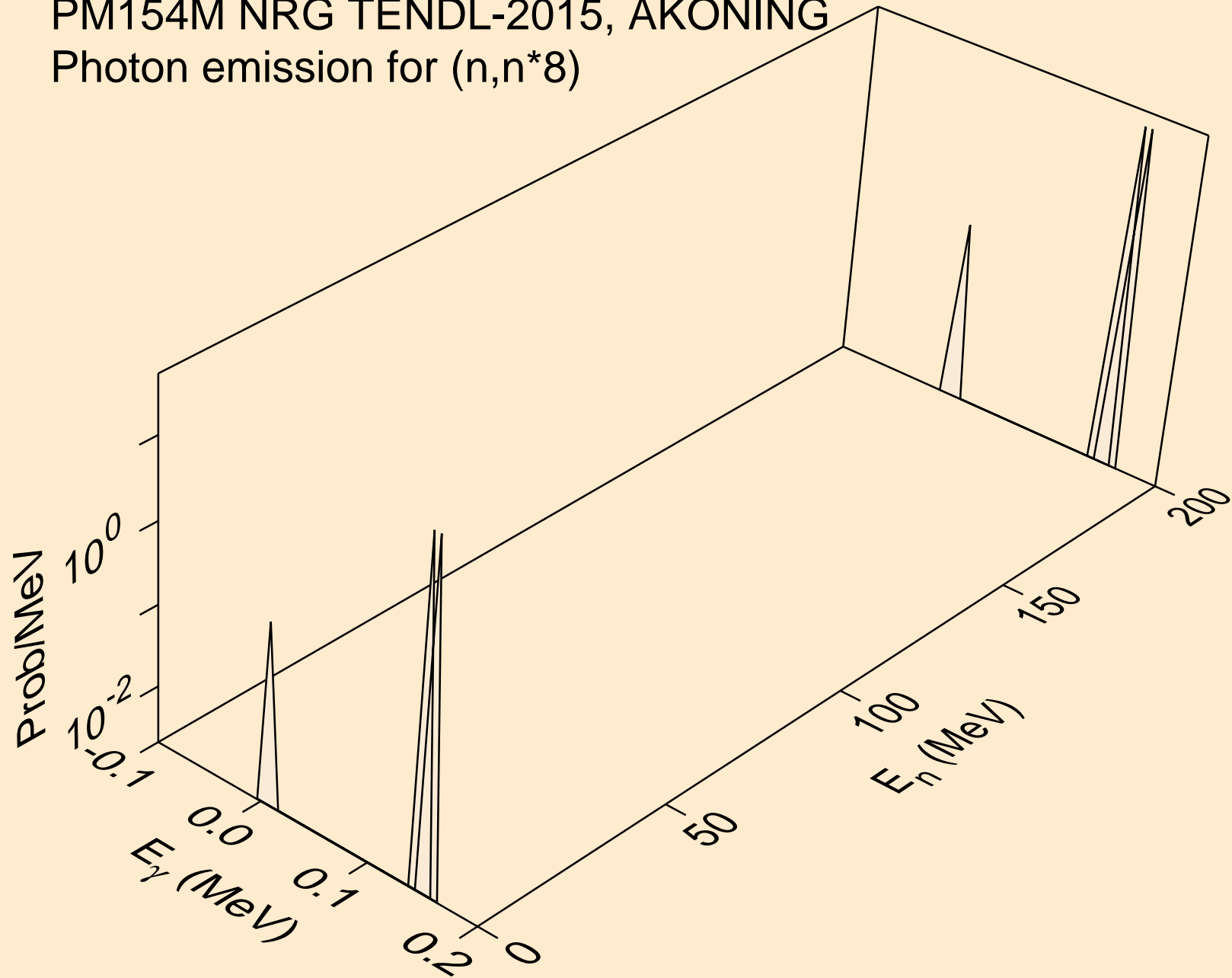




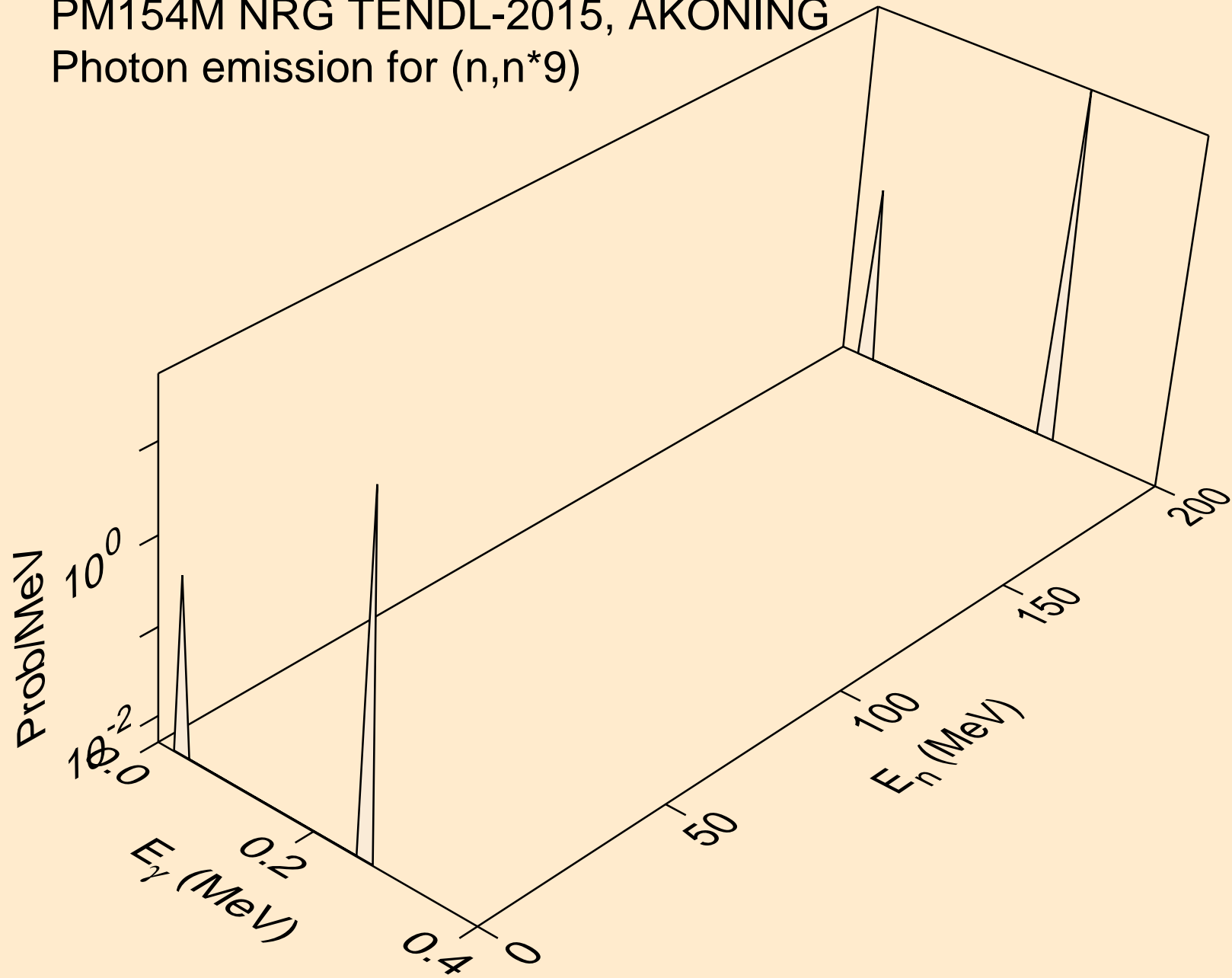
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Photon emission for (n,n\*7)



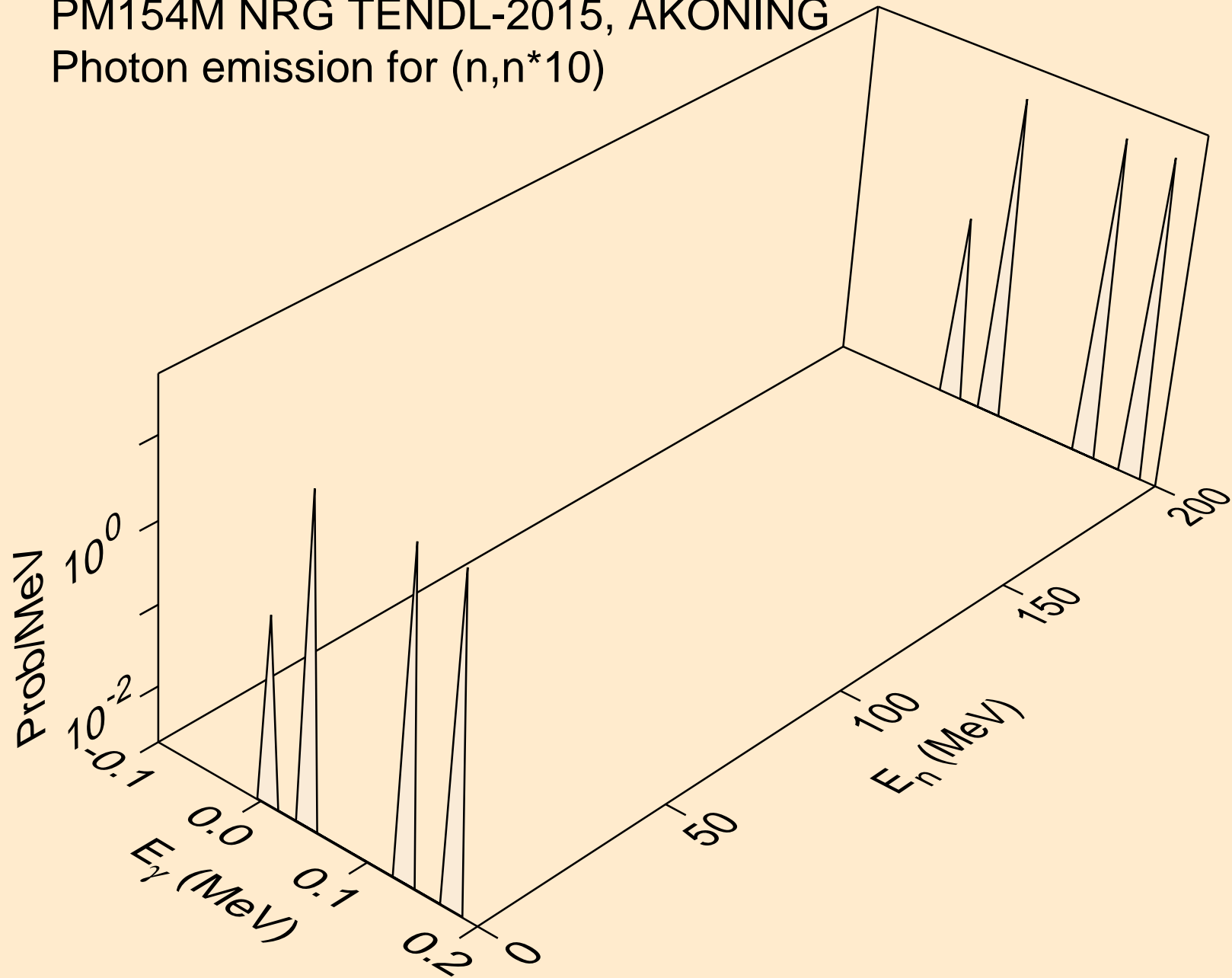
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Photon emission for (n,n\*8)



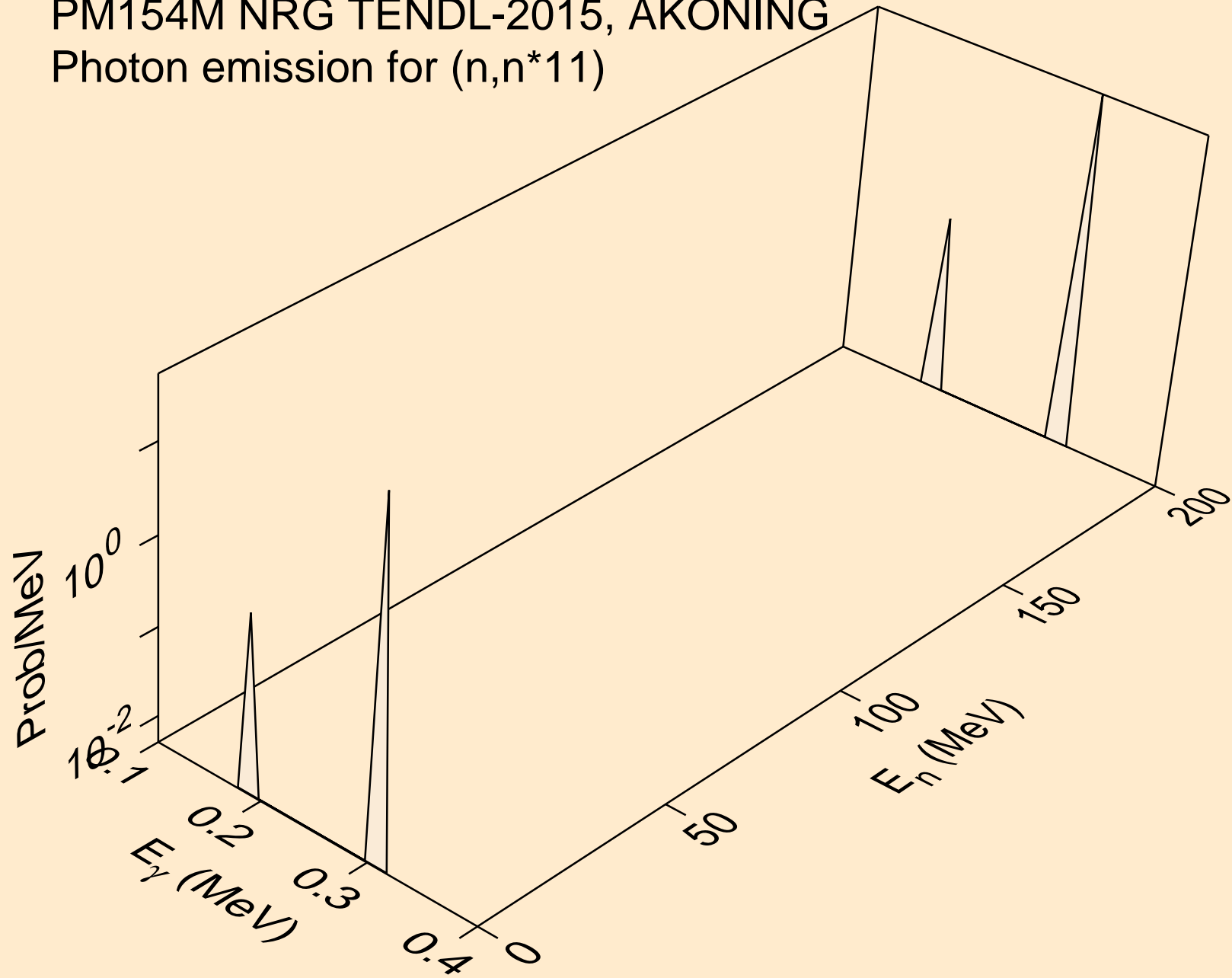
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Photon emission for (n,n\*9)



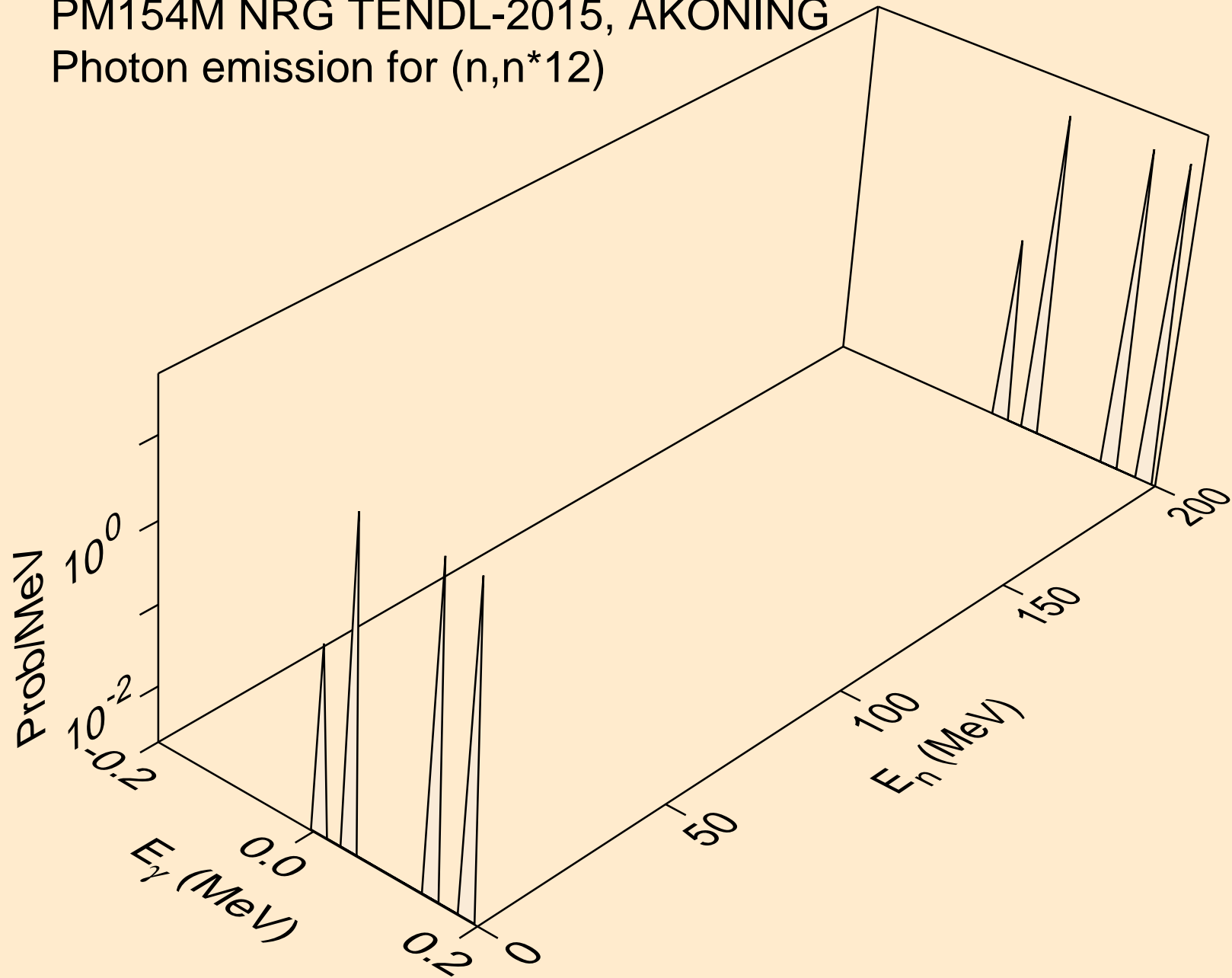
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Photon emission for (n,n\*10)



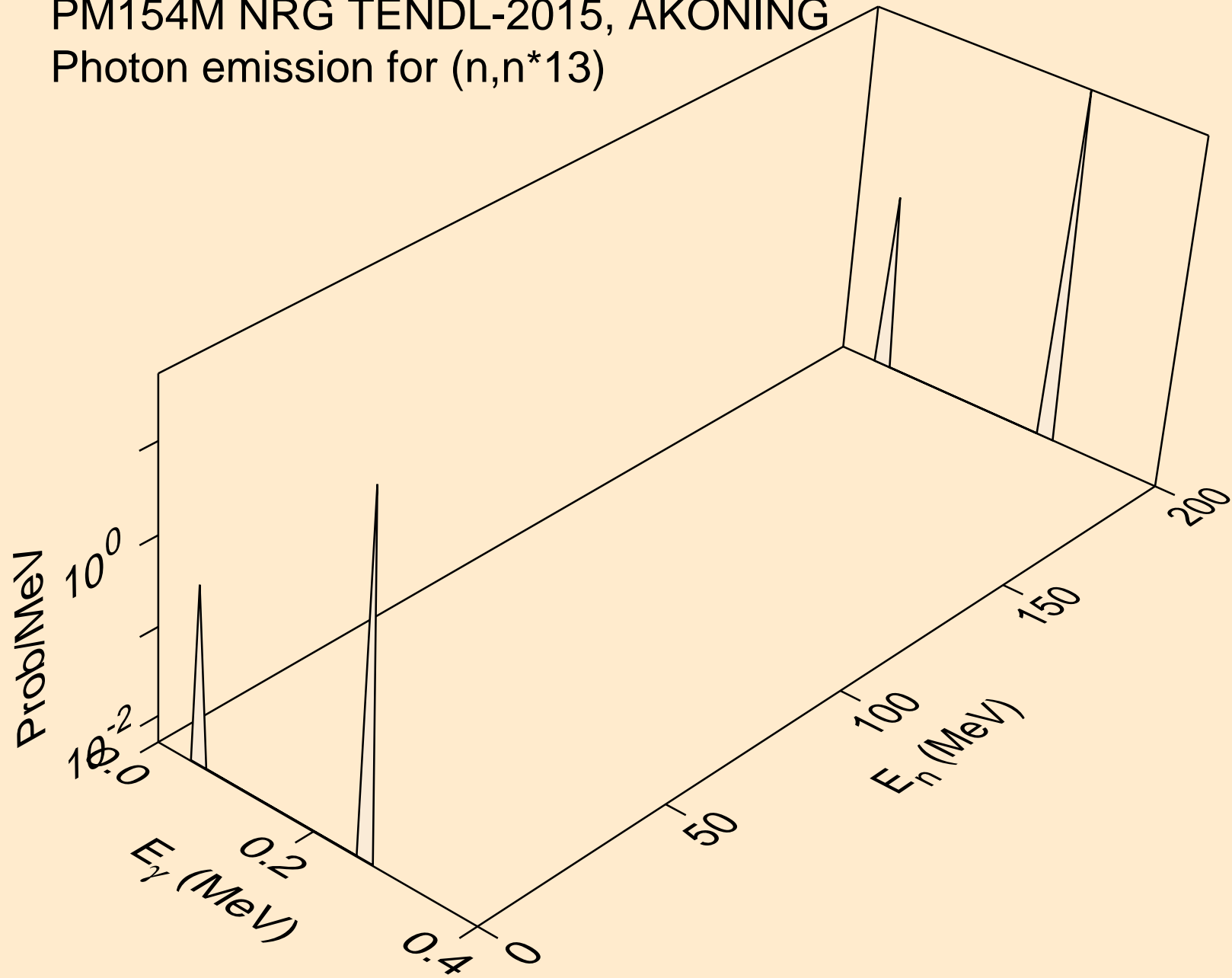
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Photon emission for (n,n\*11)



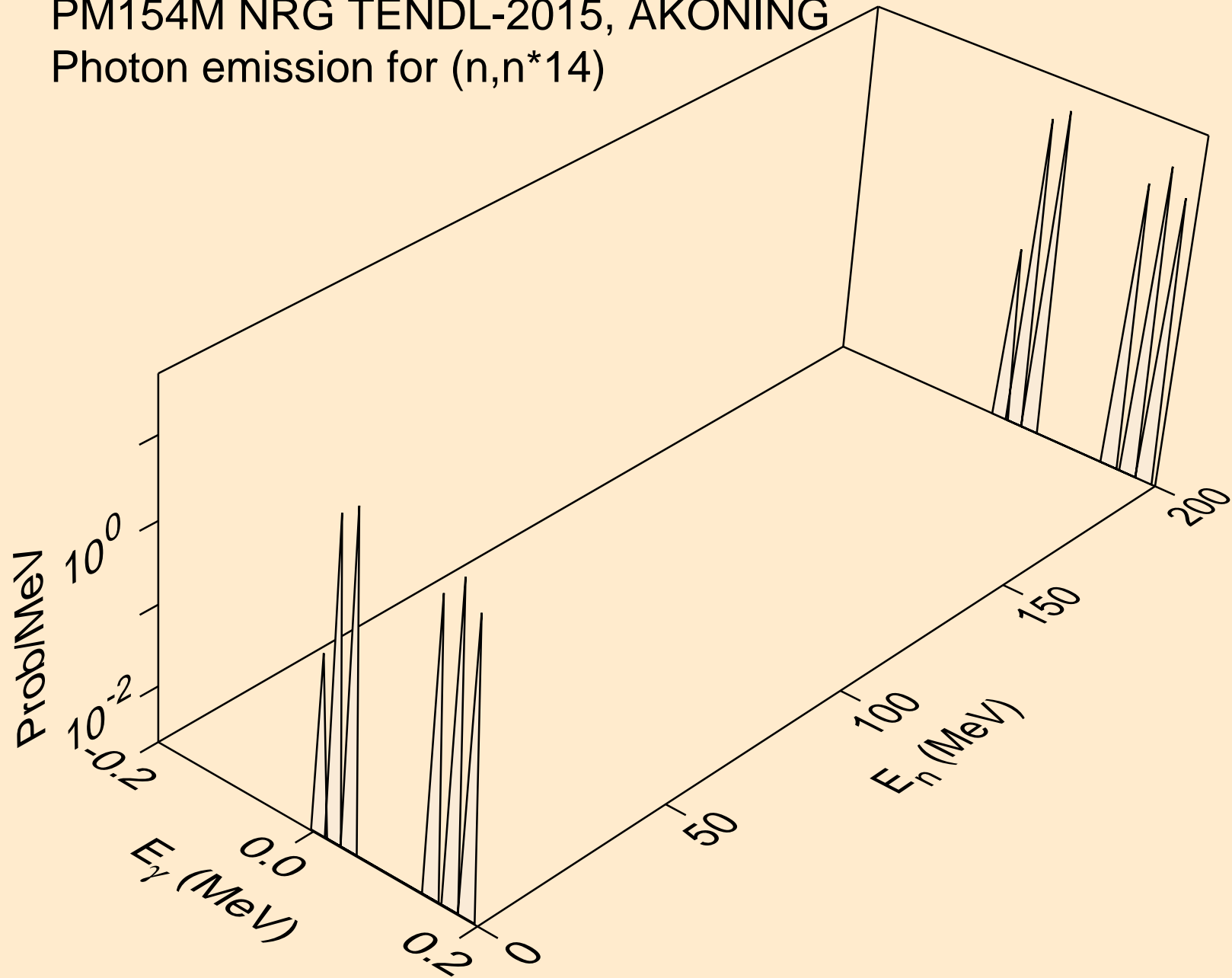
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Photon emission for (n,n\*12)



PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)

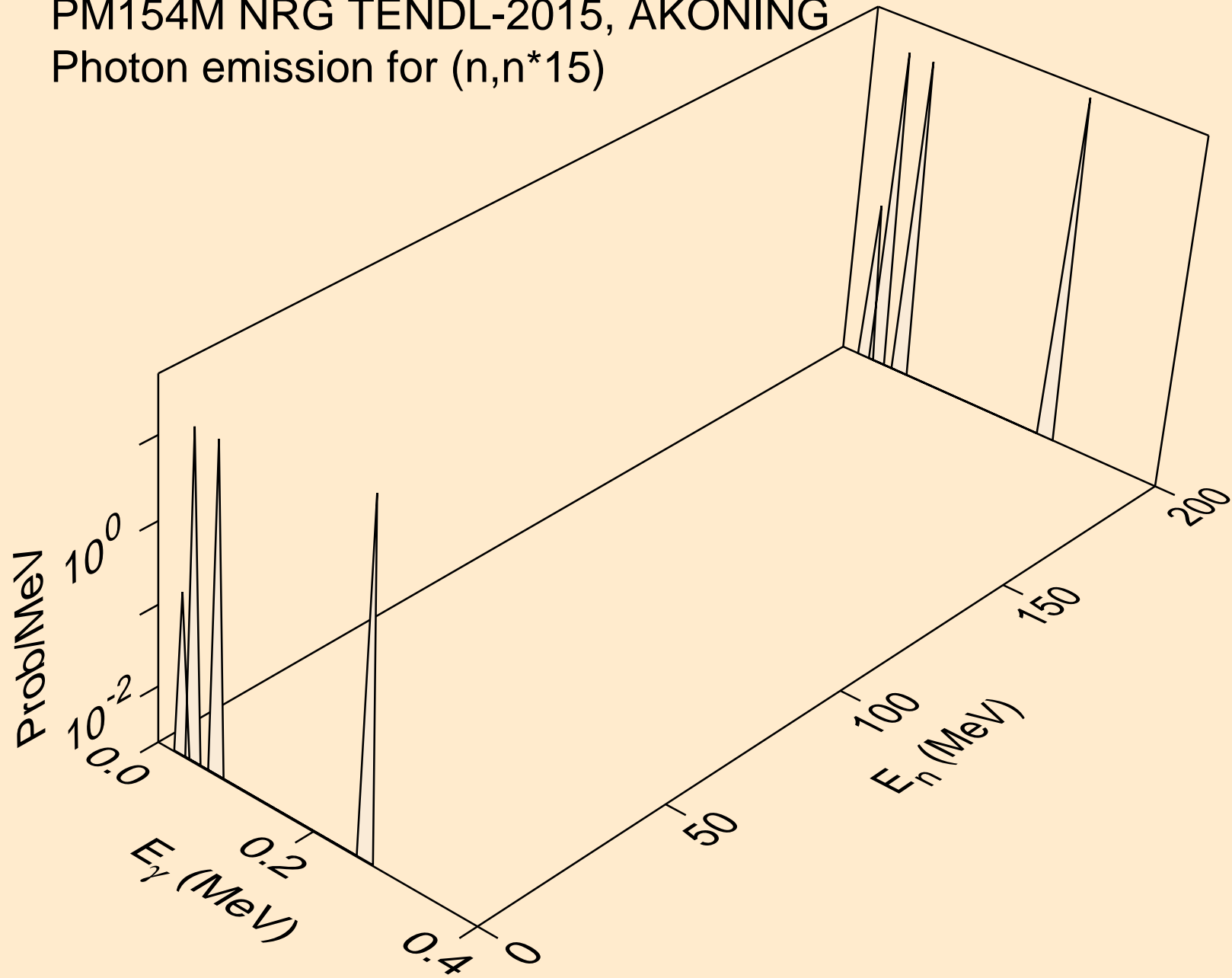


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Photon emission for (n,n\*14)

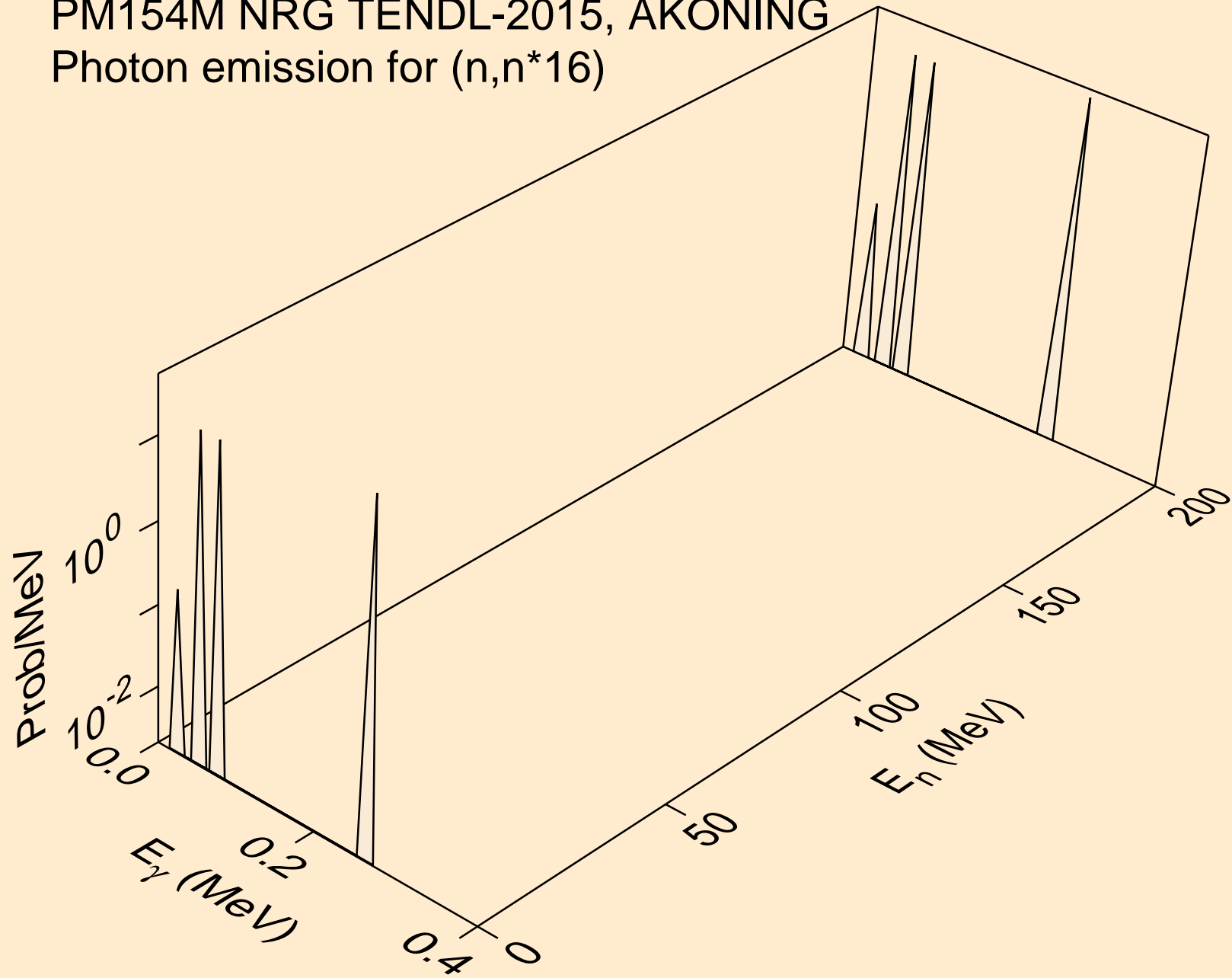




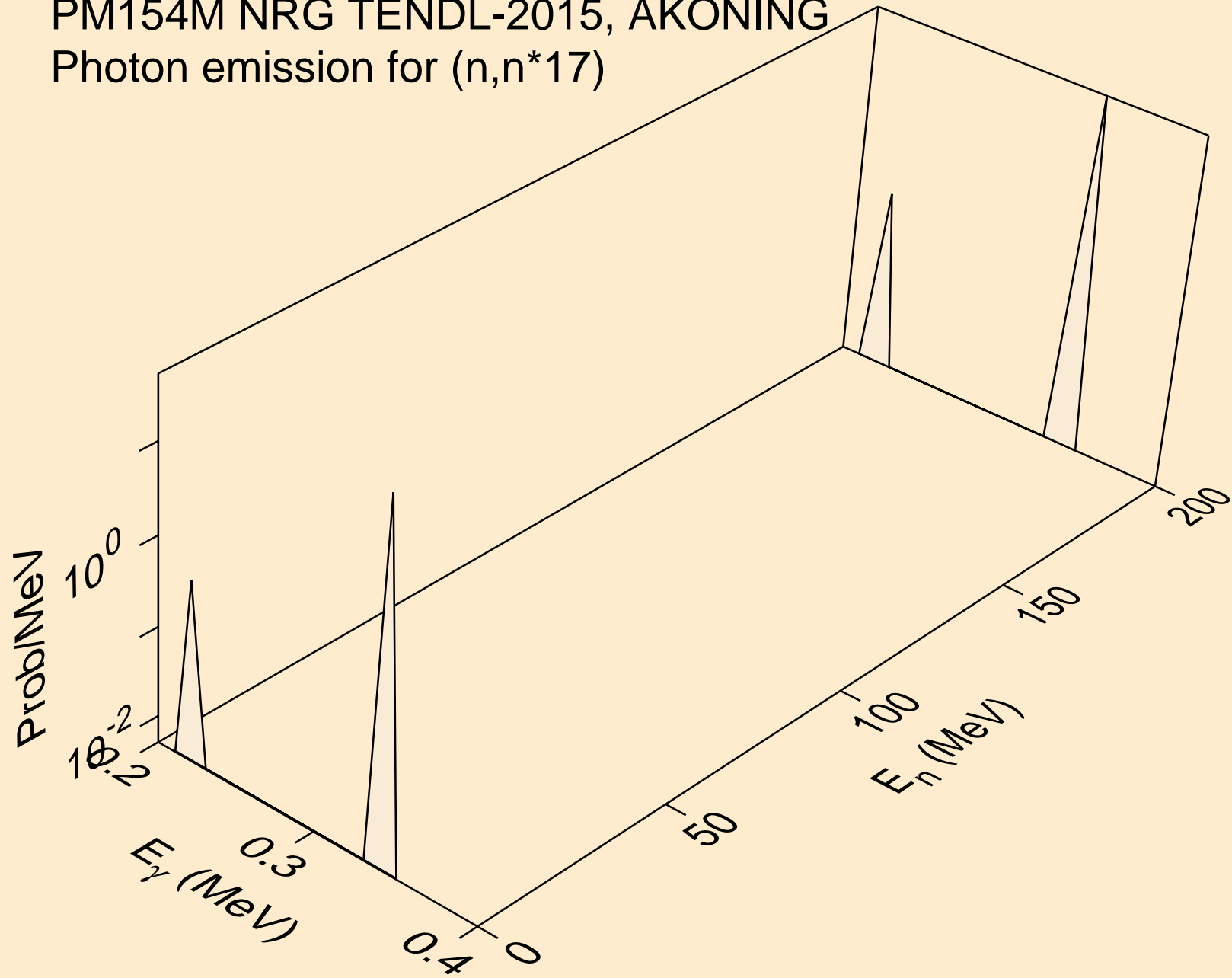
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Photon emission for (n,n\*15)



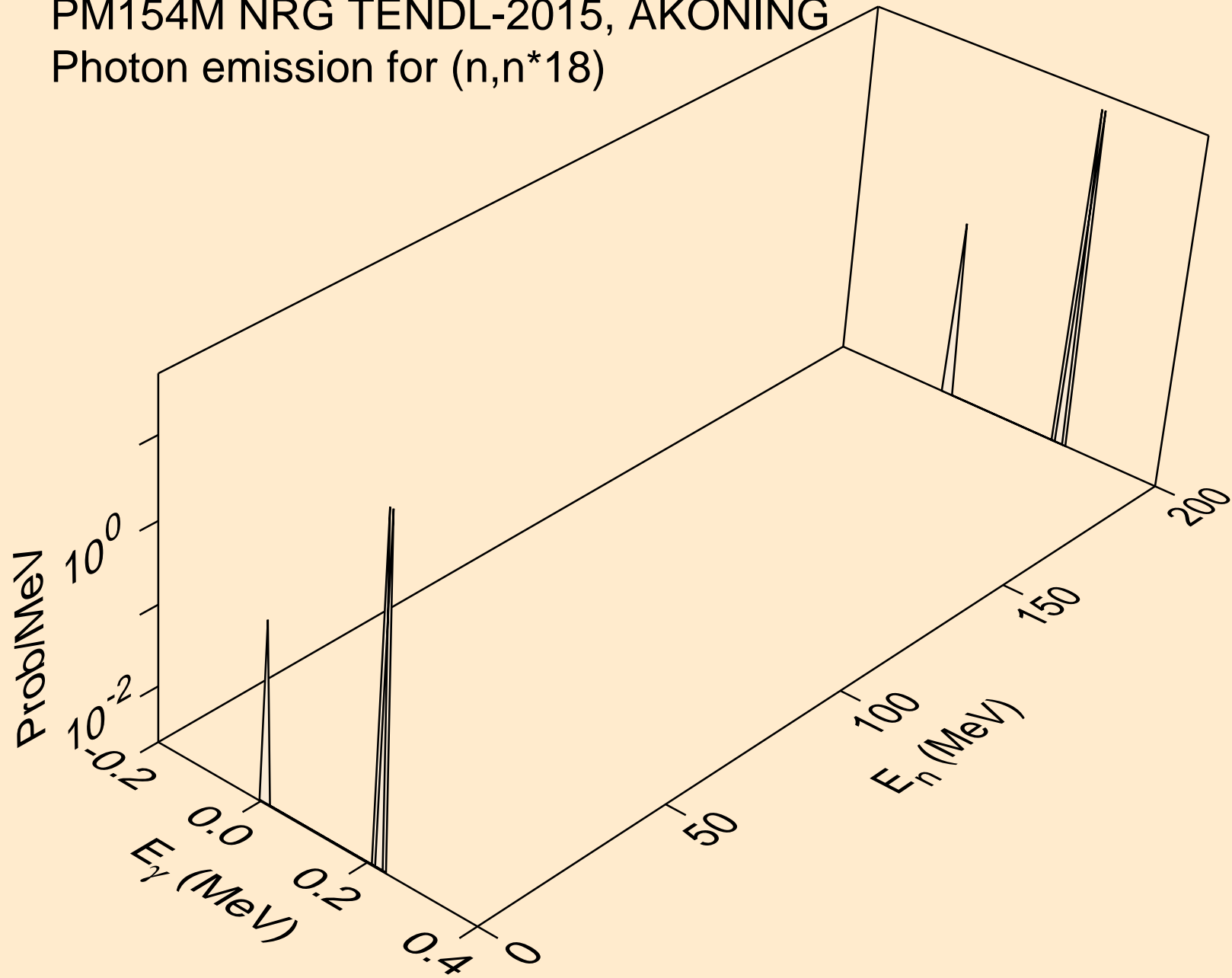
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Photon emission for (n,n\*16)



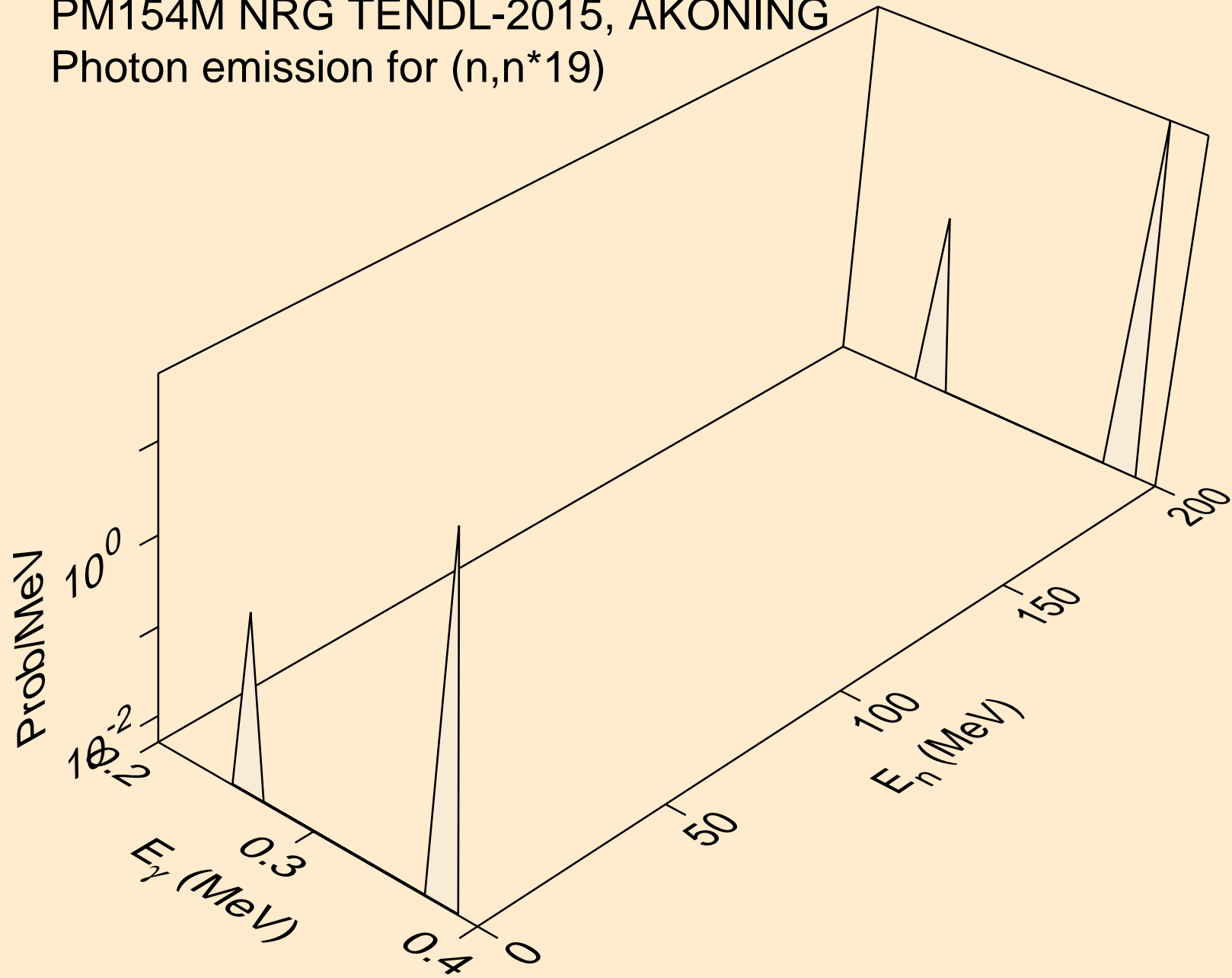
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Photon emission for (n,n\*17)



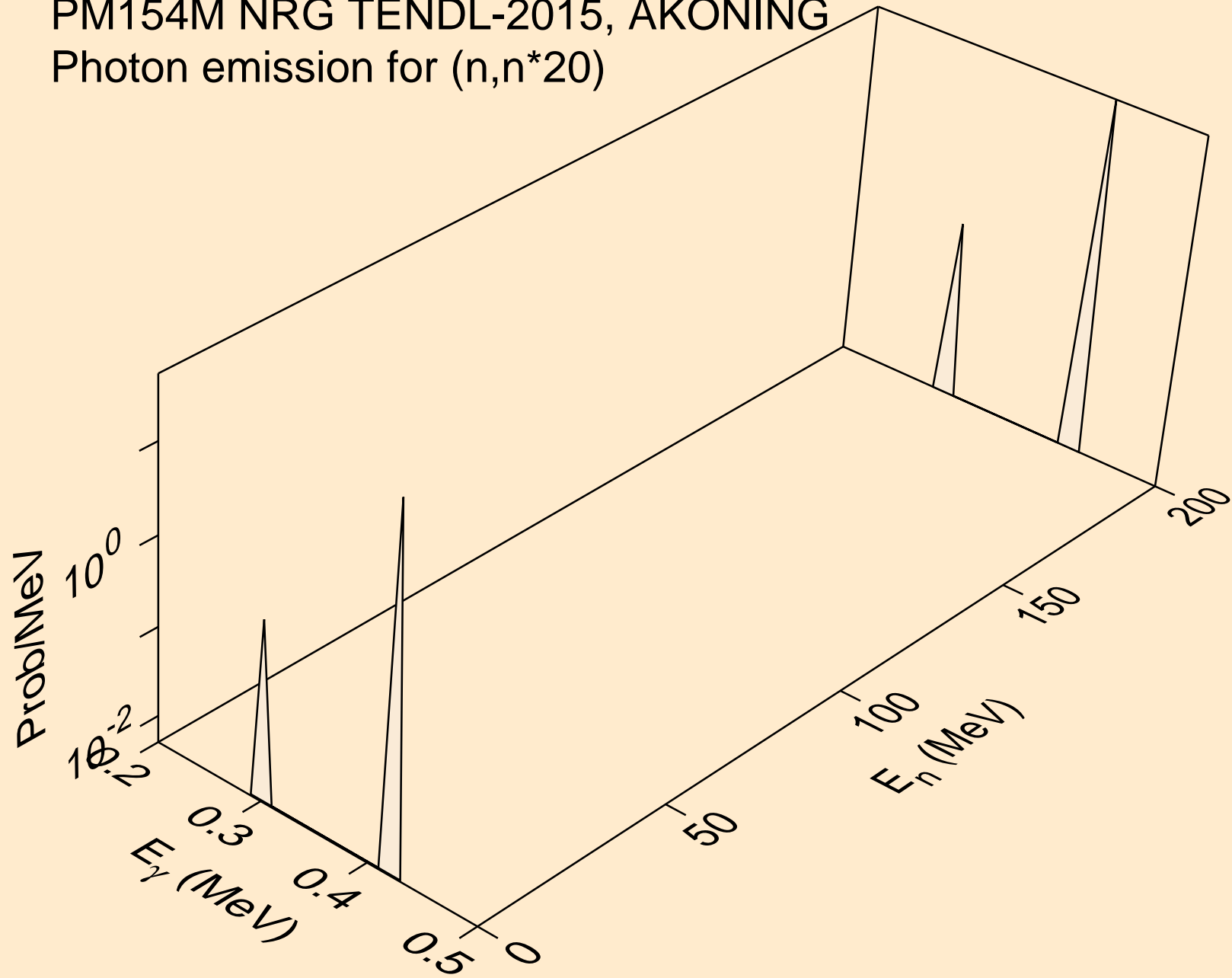
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Photon emission for (n,n\*18)



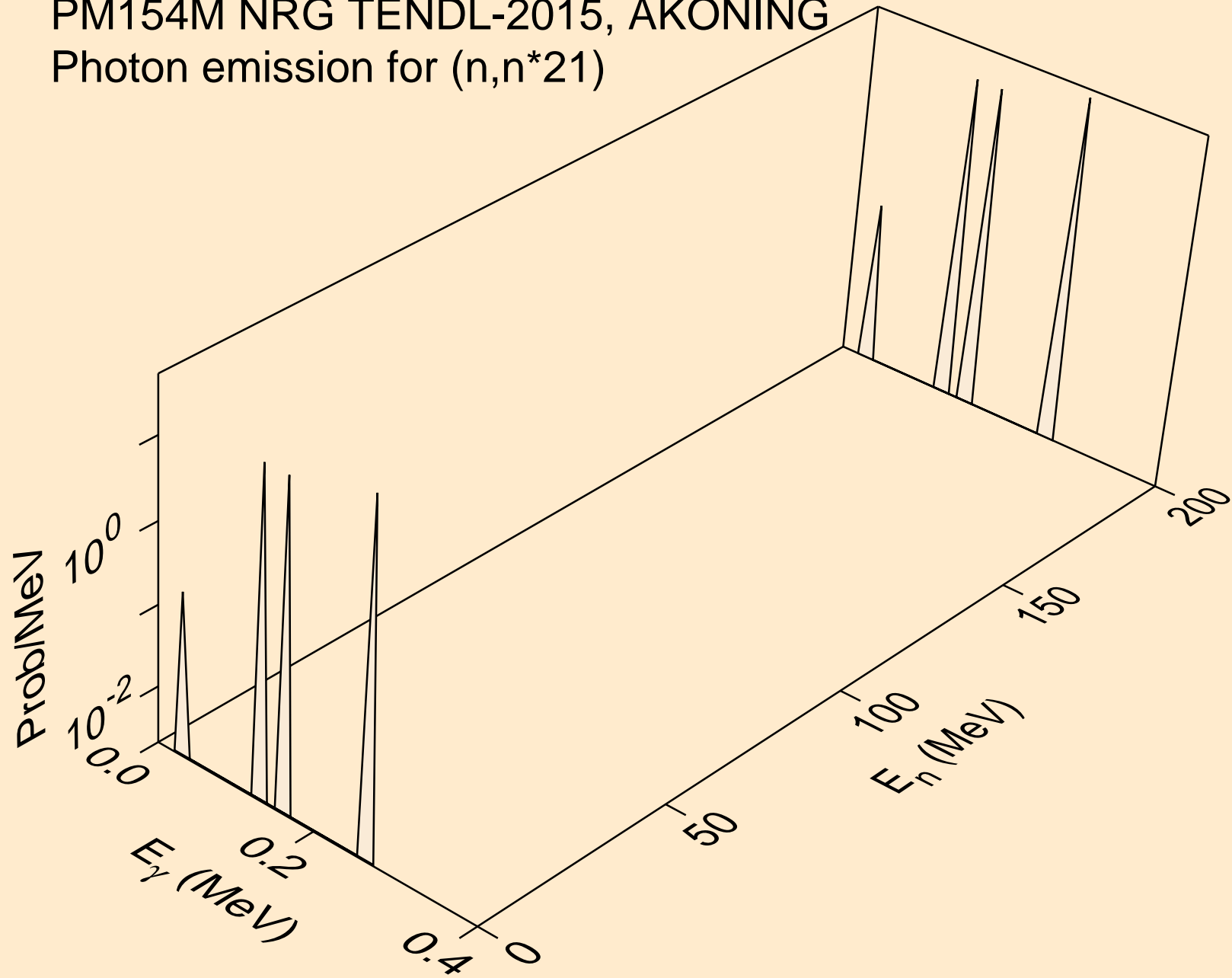
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Photon emission for (n,n\*19)



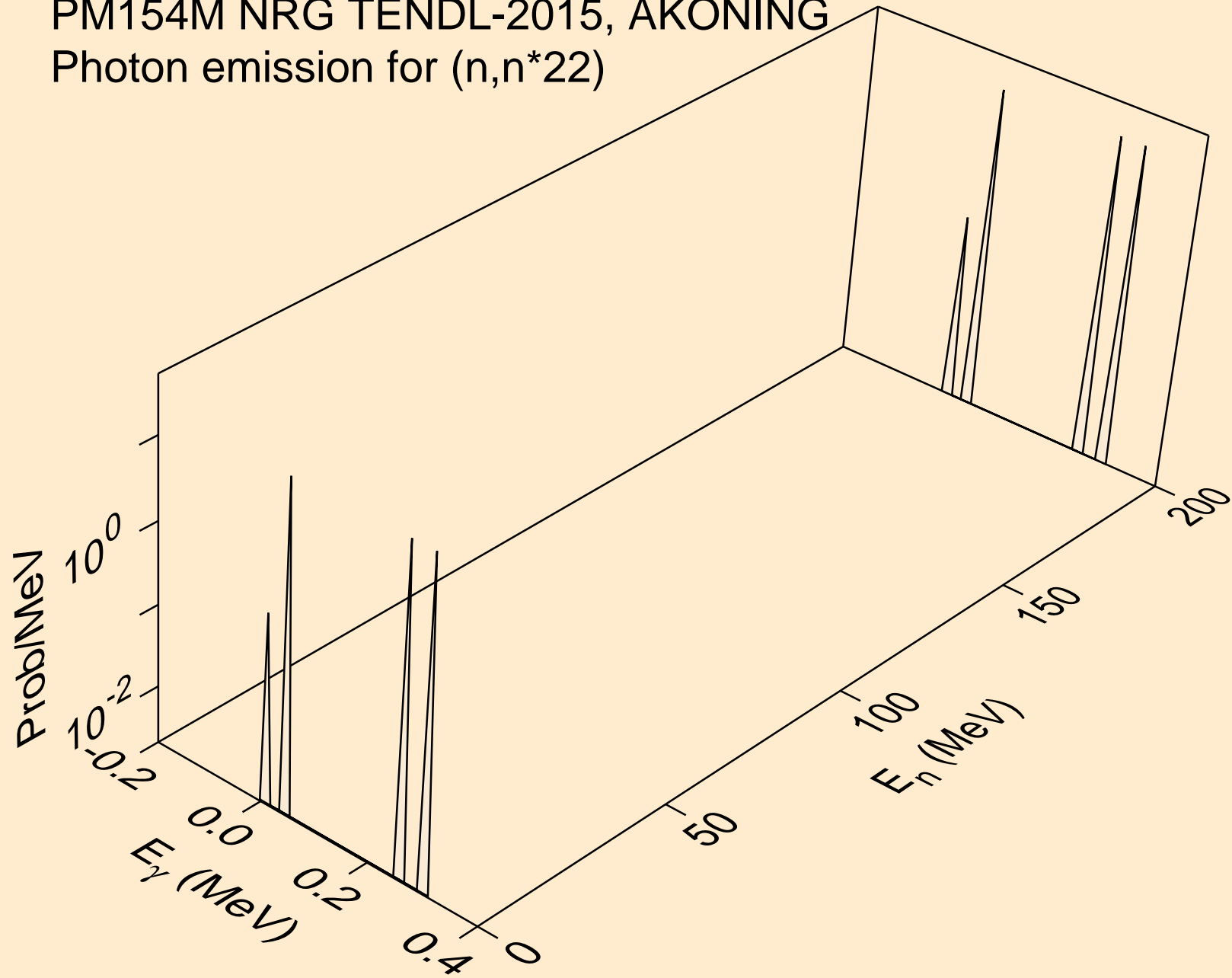
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Photon emission for (n,n\*20)



PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)

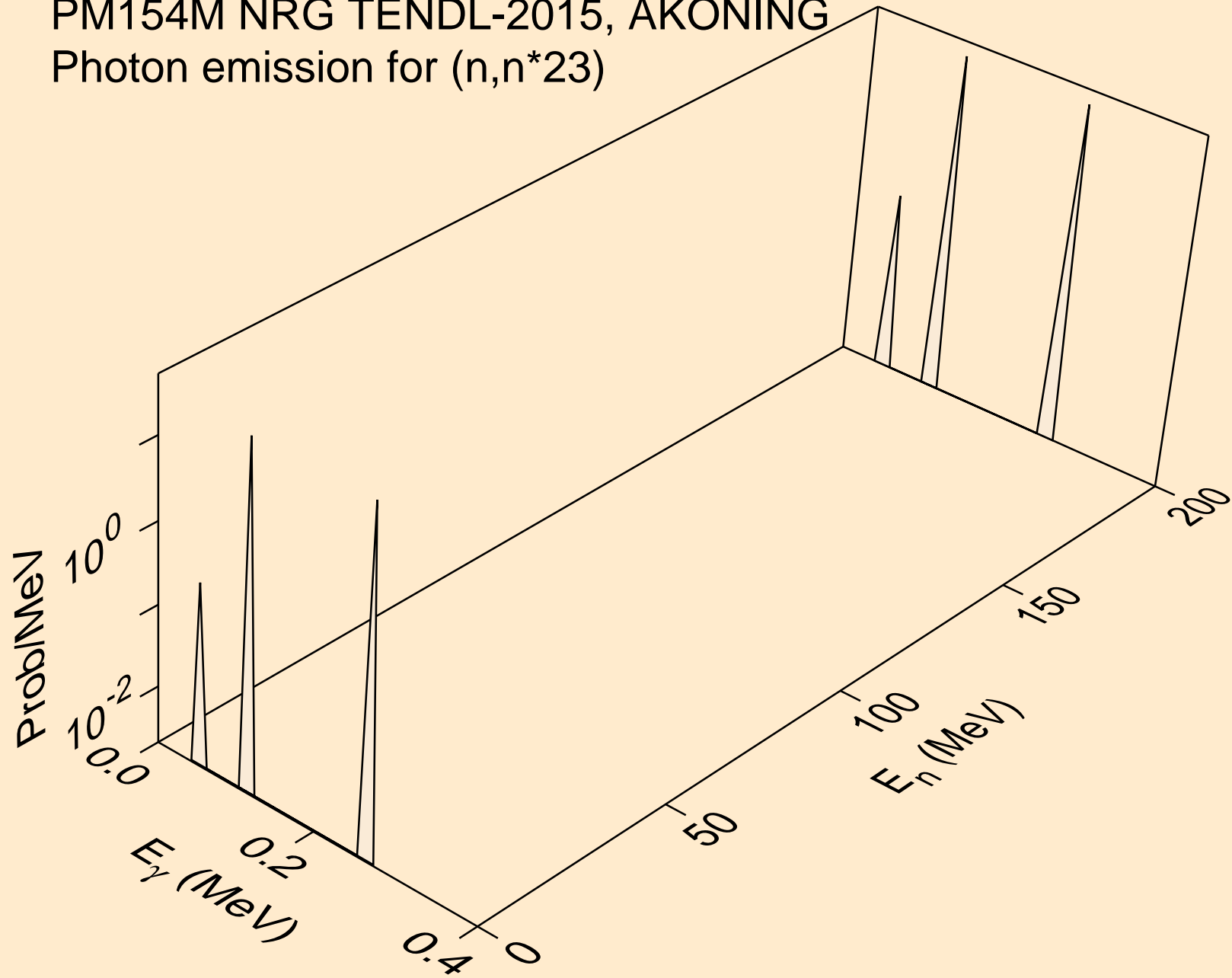


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Photon emission for (n,n\*22)

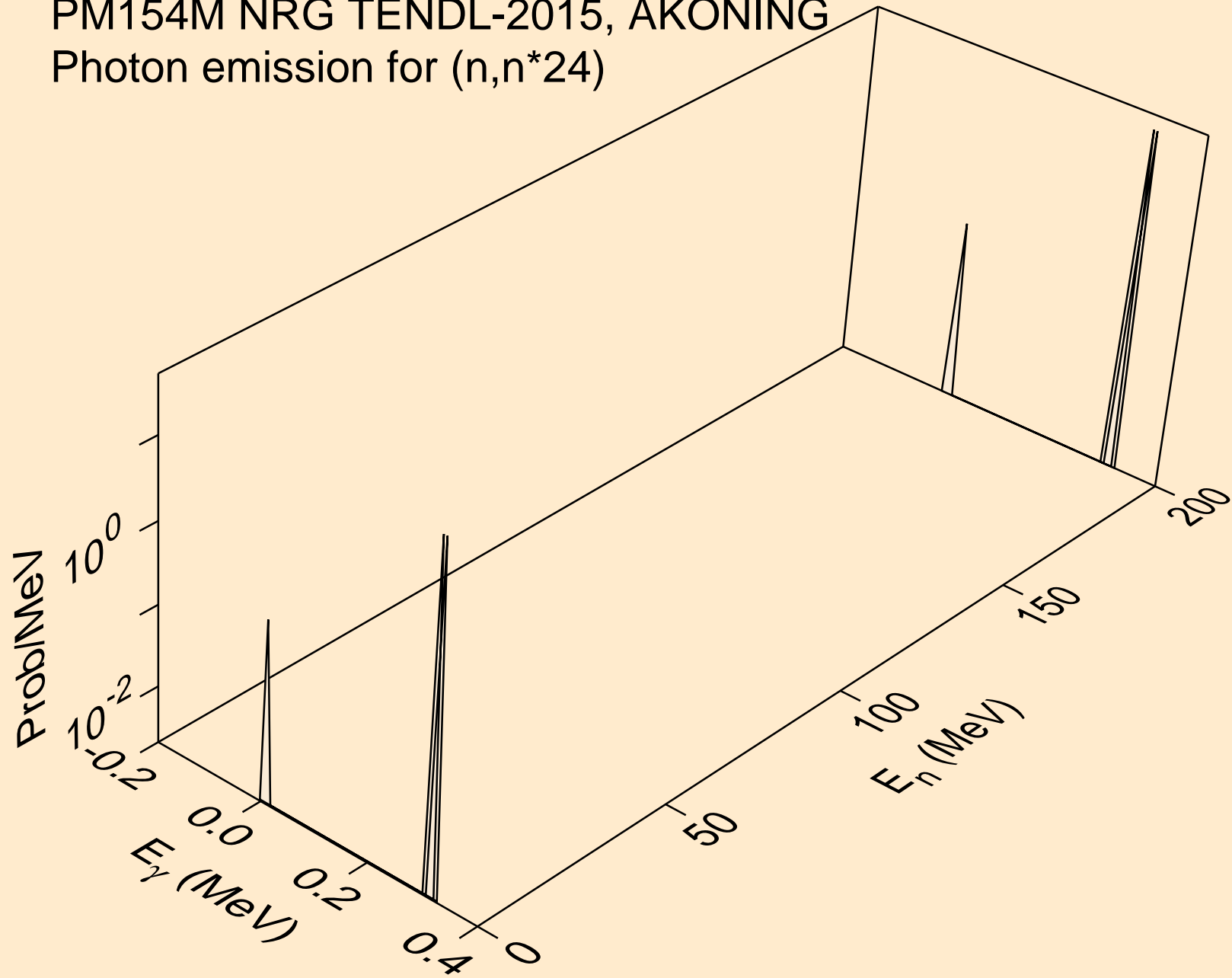




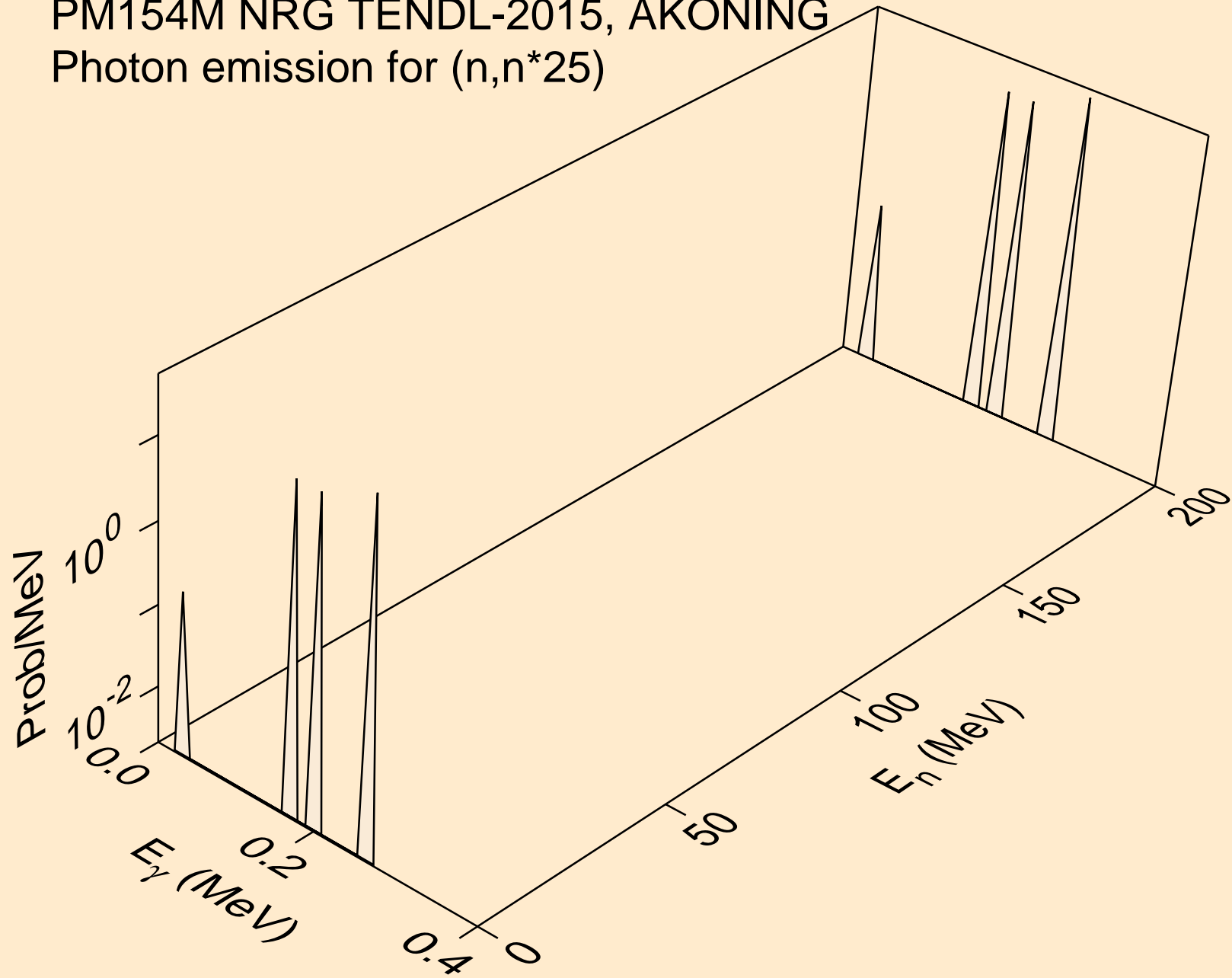
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Photon emission for (n,n\*23)



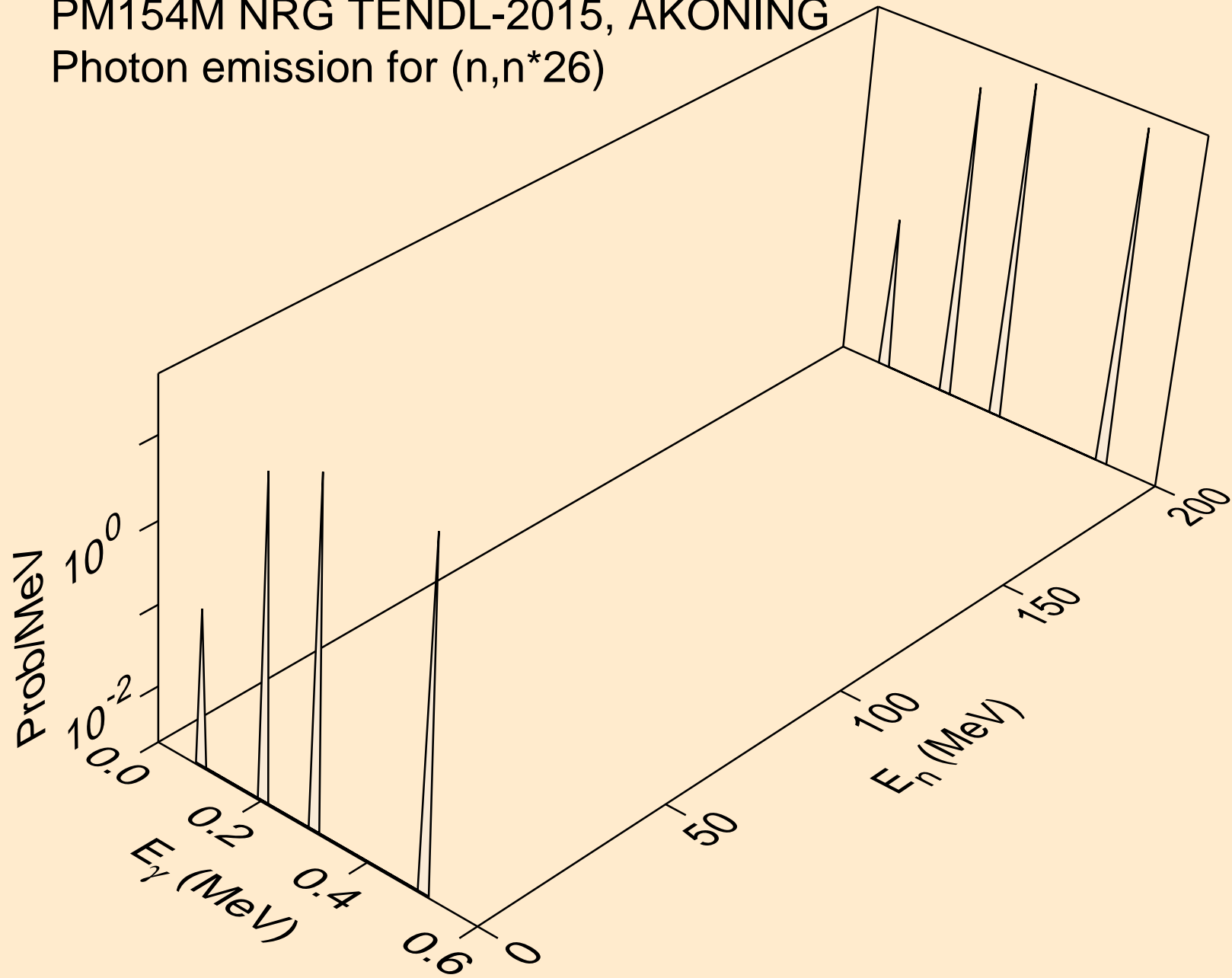
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Photon emission for (n,n\*24)



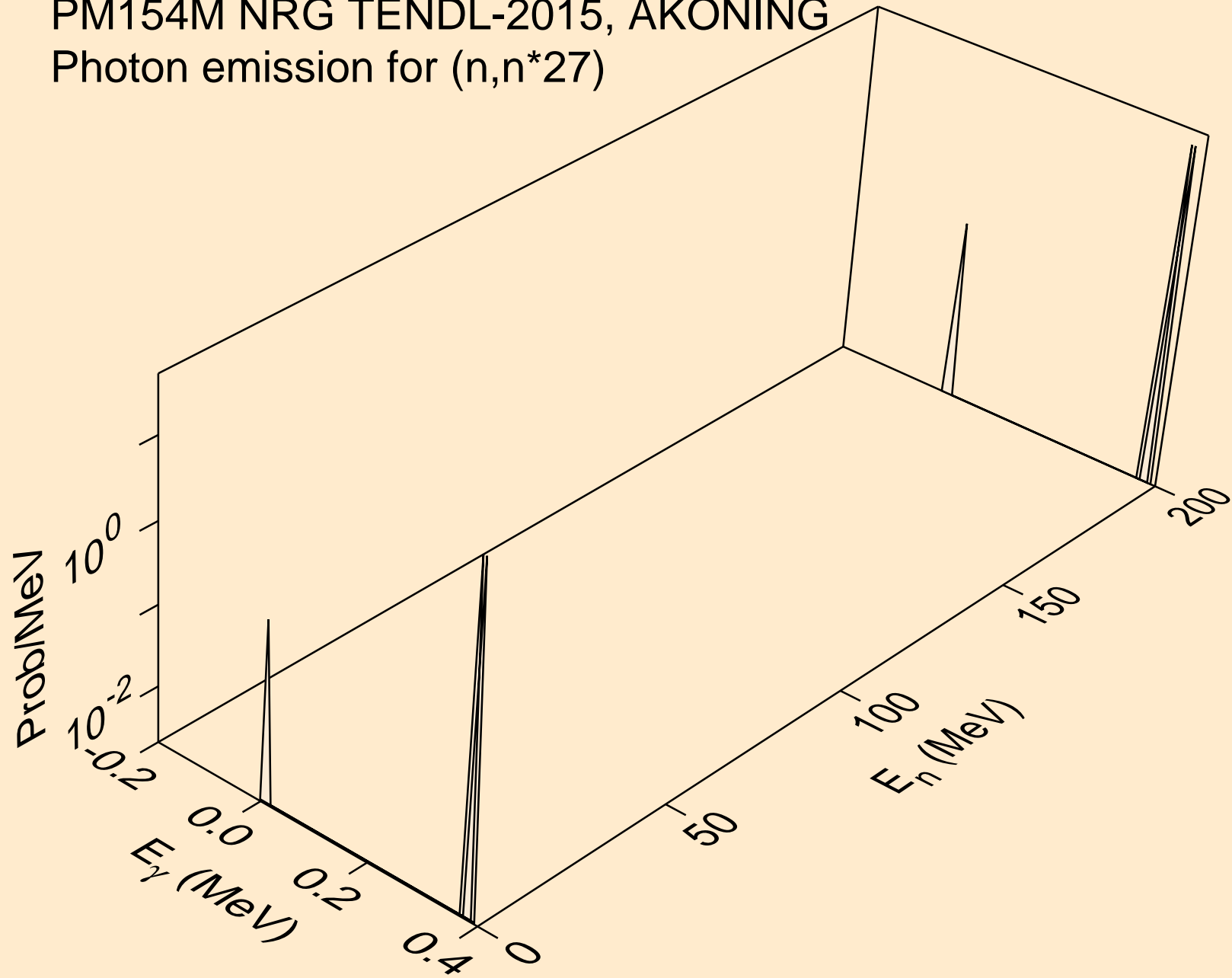
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Photon emission for (n,n\*25)



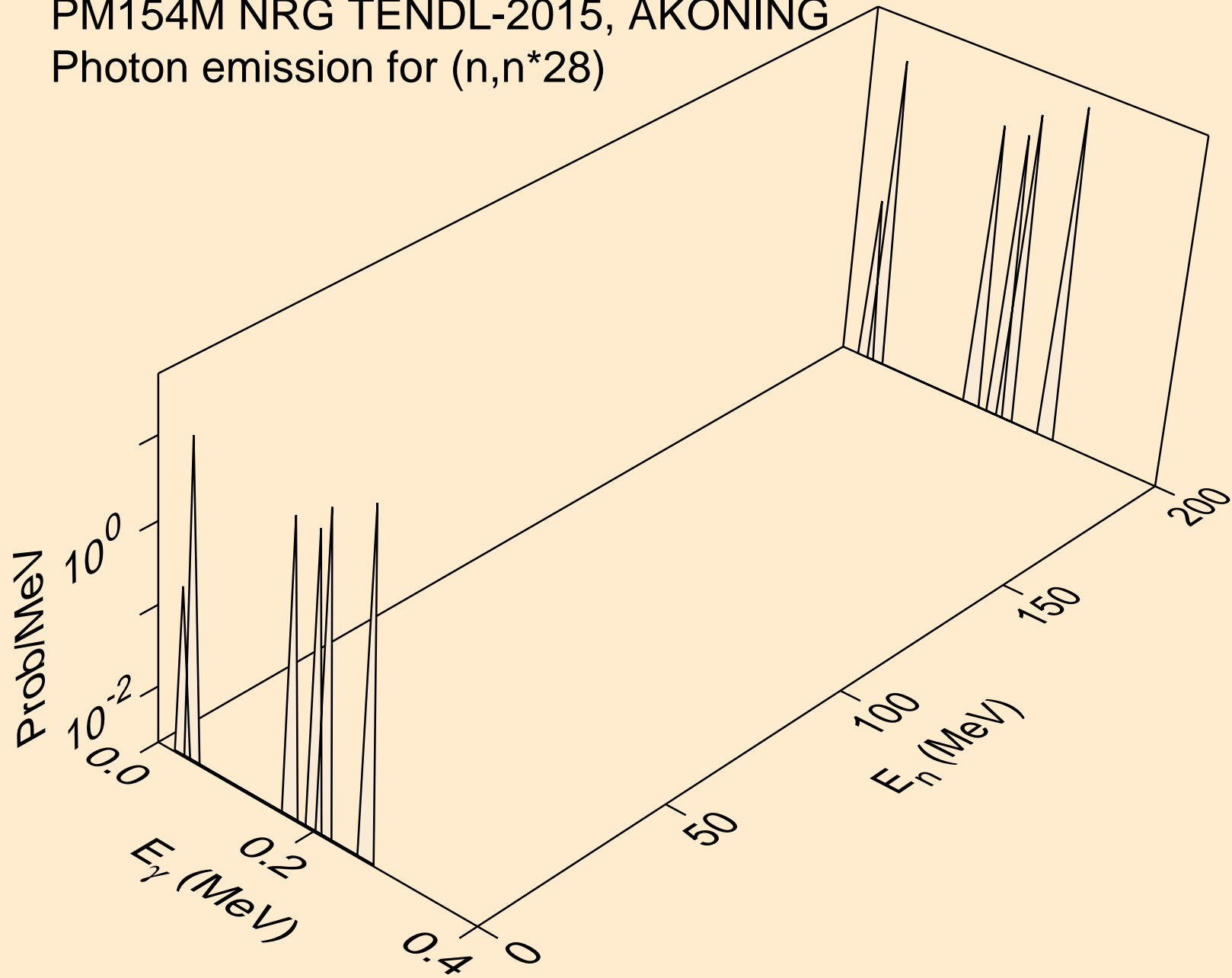
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Photon emission for (n,n\*26)



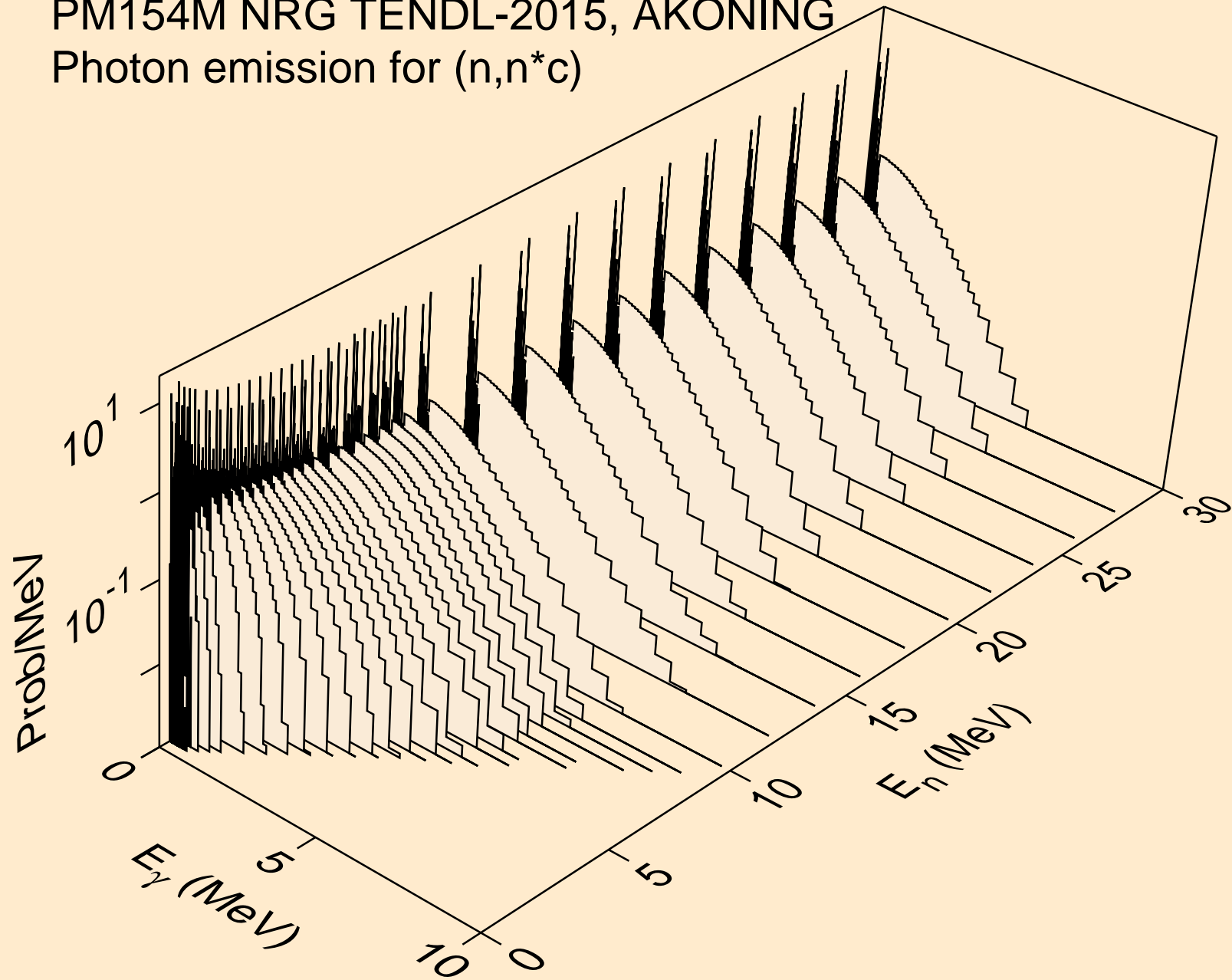
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Photon emission for (n,n\*27)



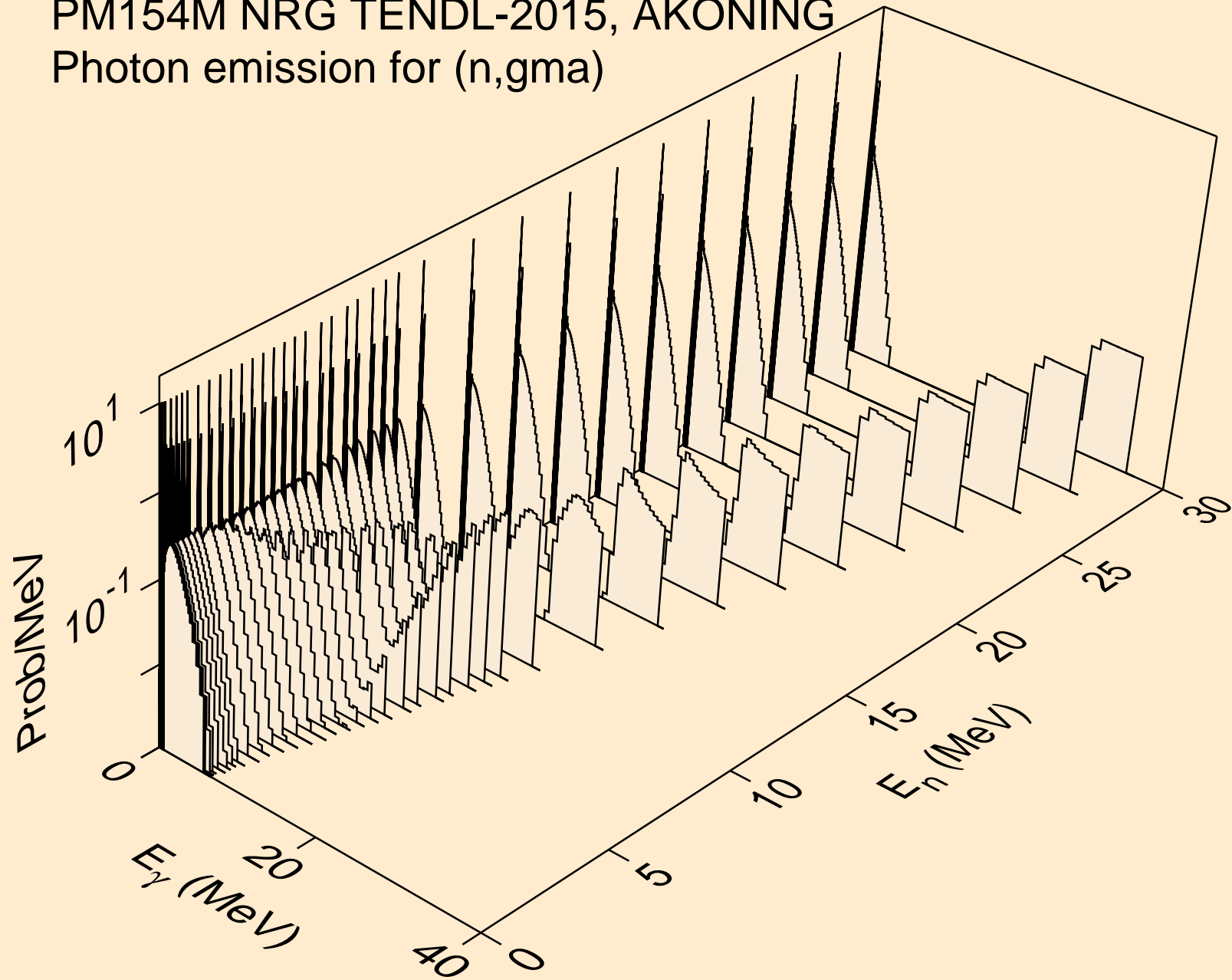
PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*28)



PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

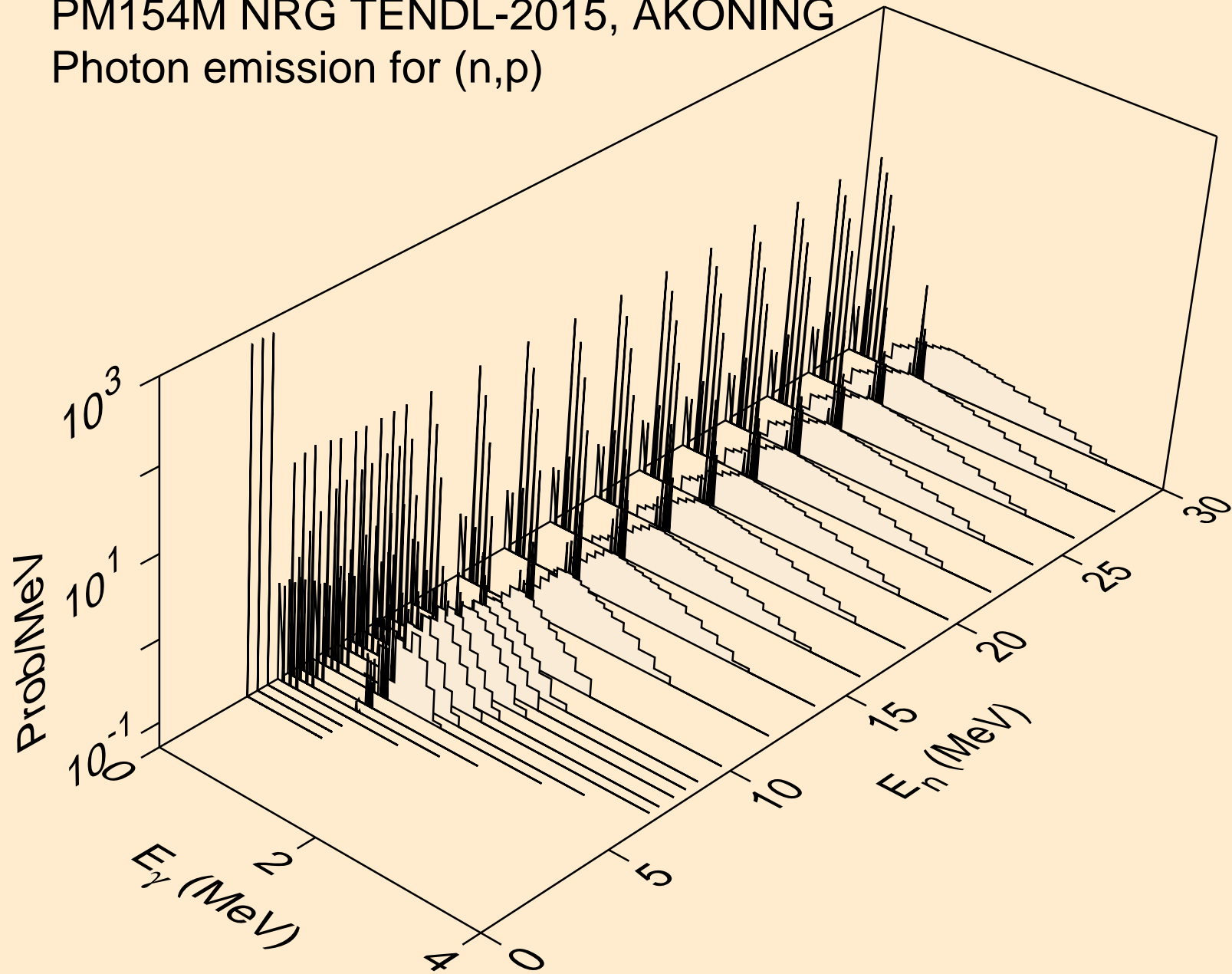


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Photon emission for (n,gma)

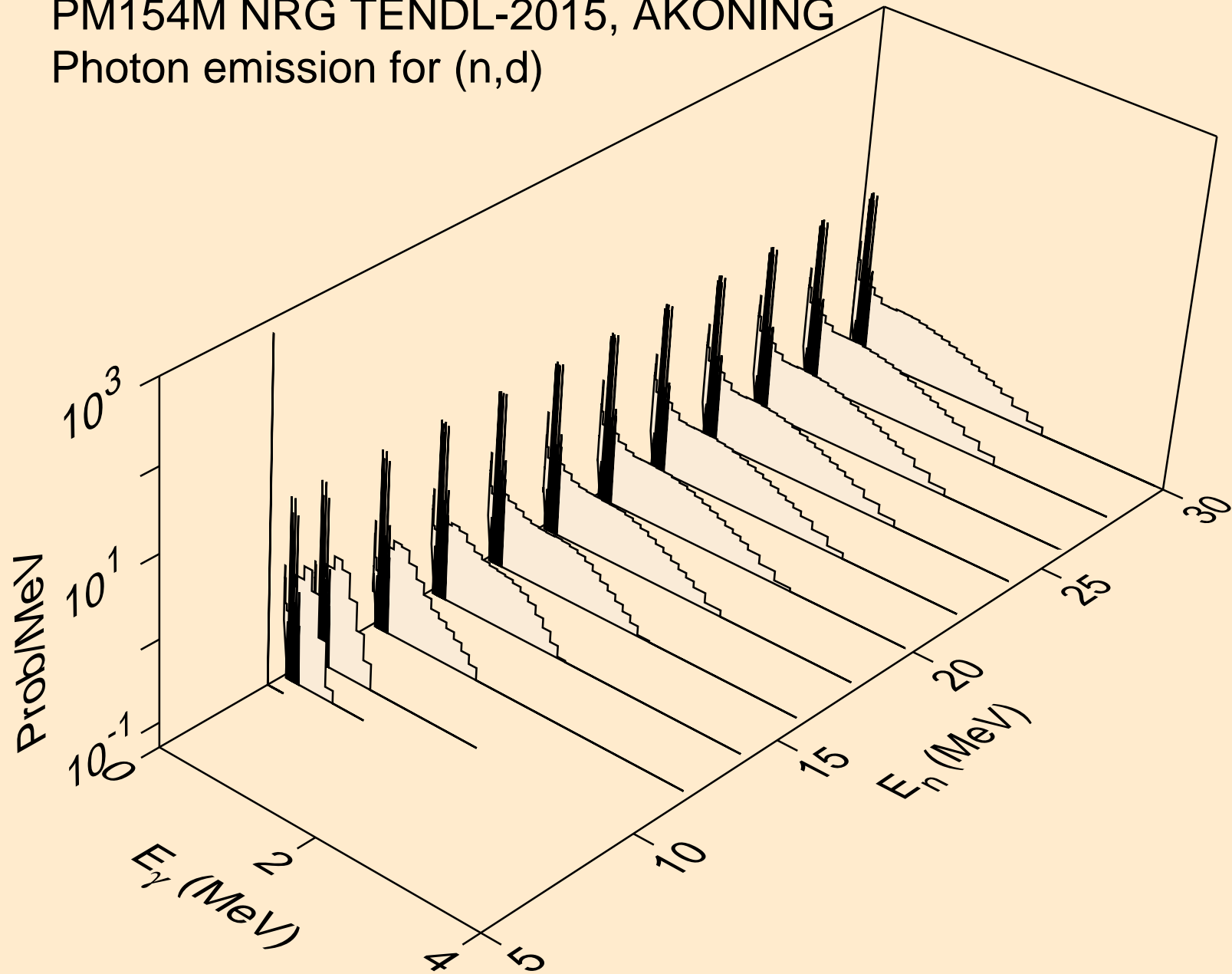




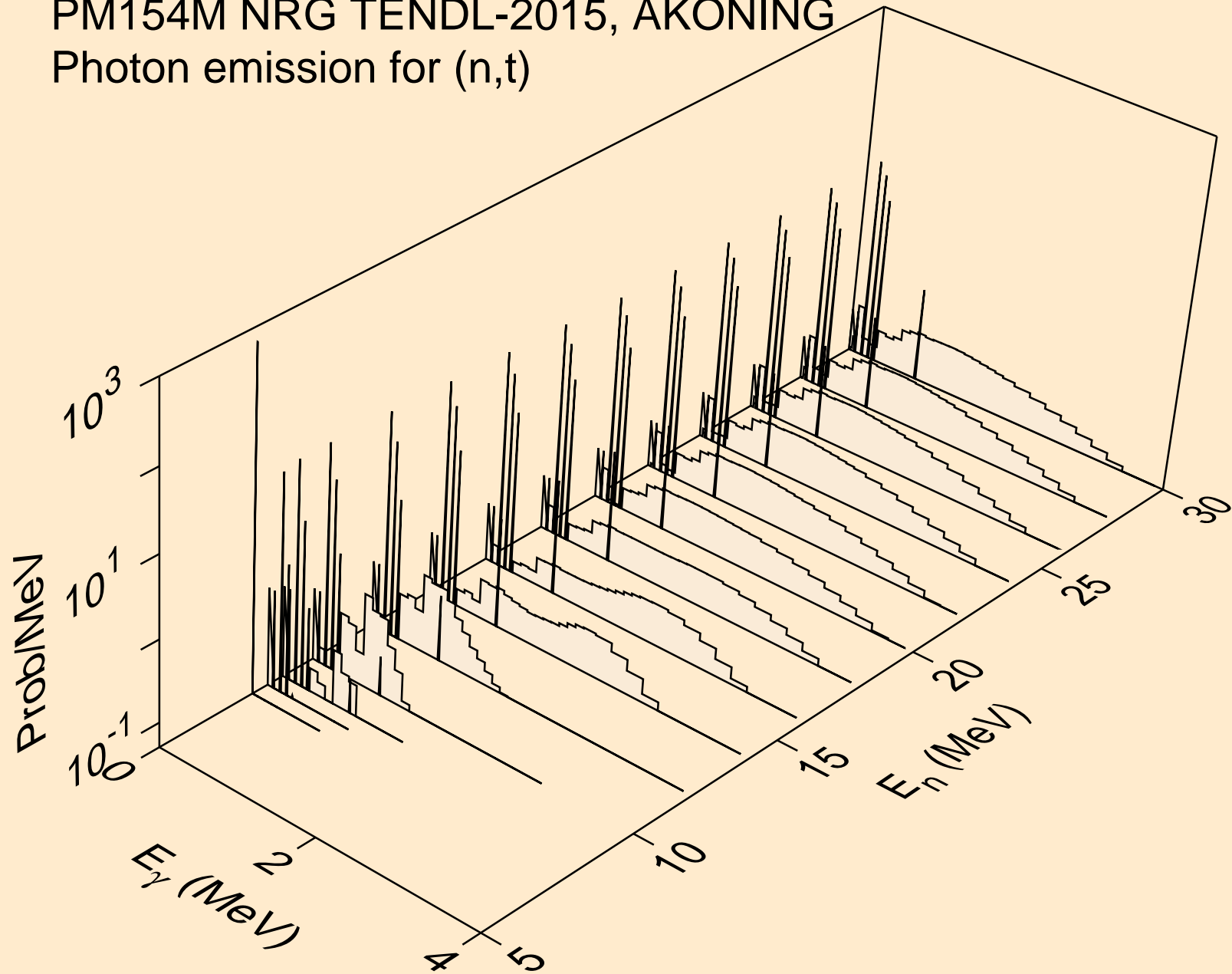
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Photon emission for (n,p)



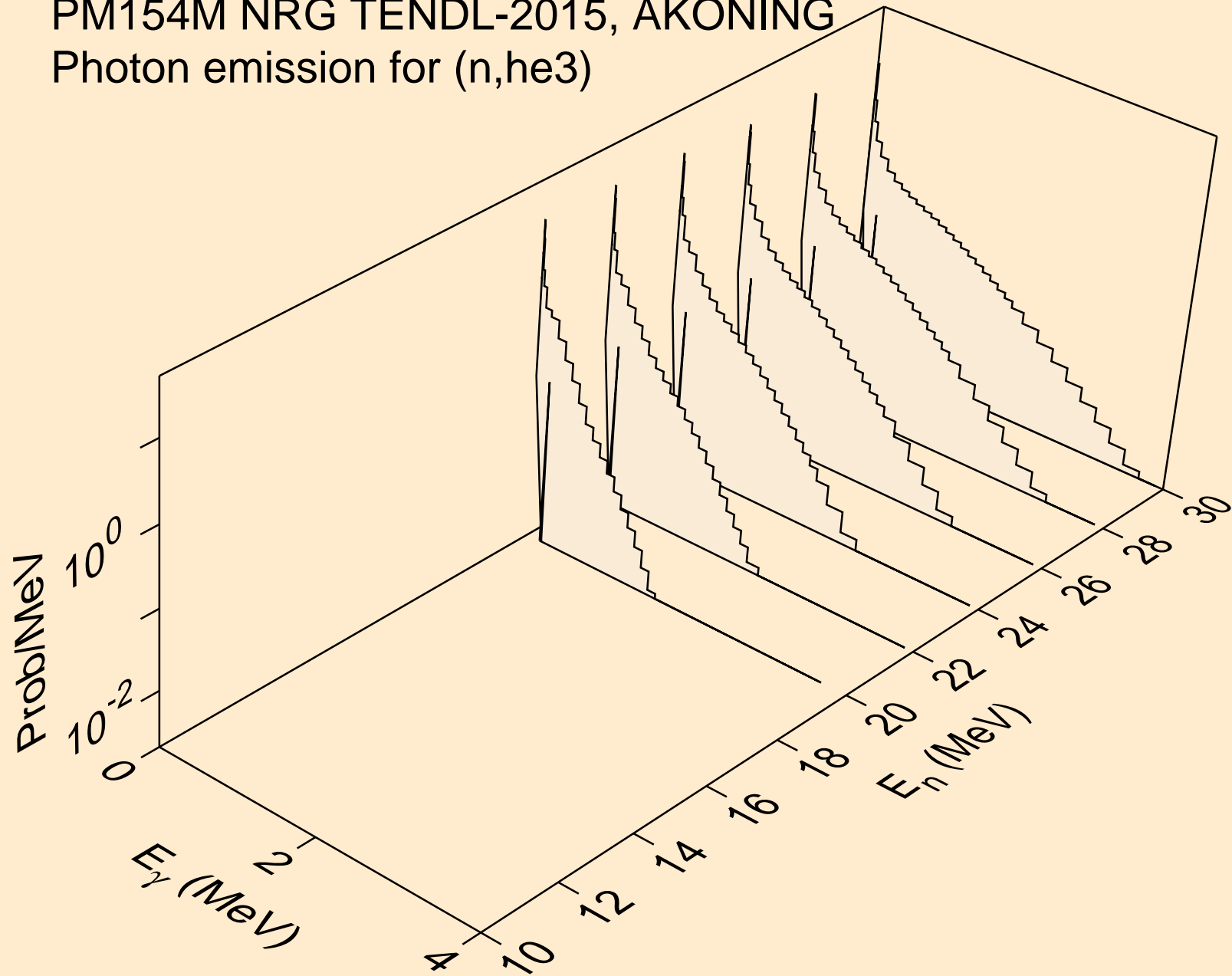
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Photon emission for (n,d)



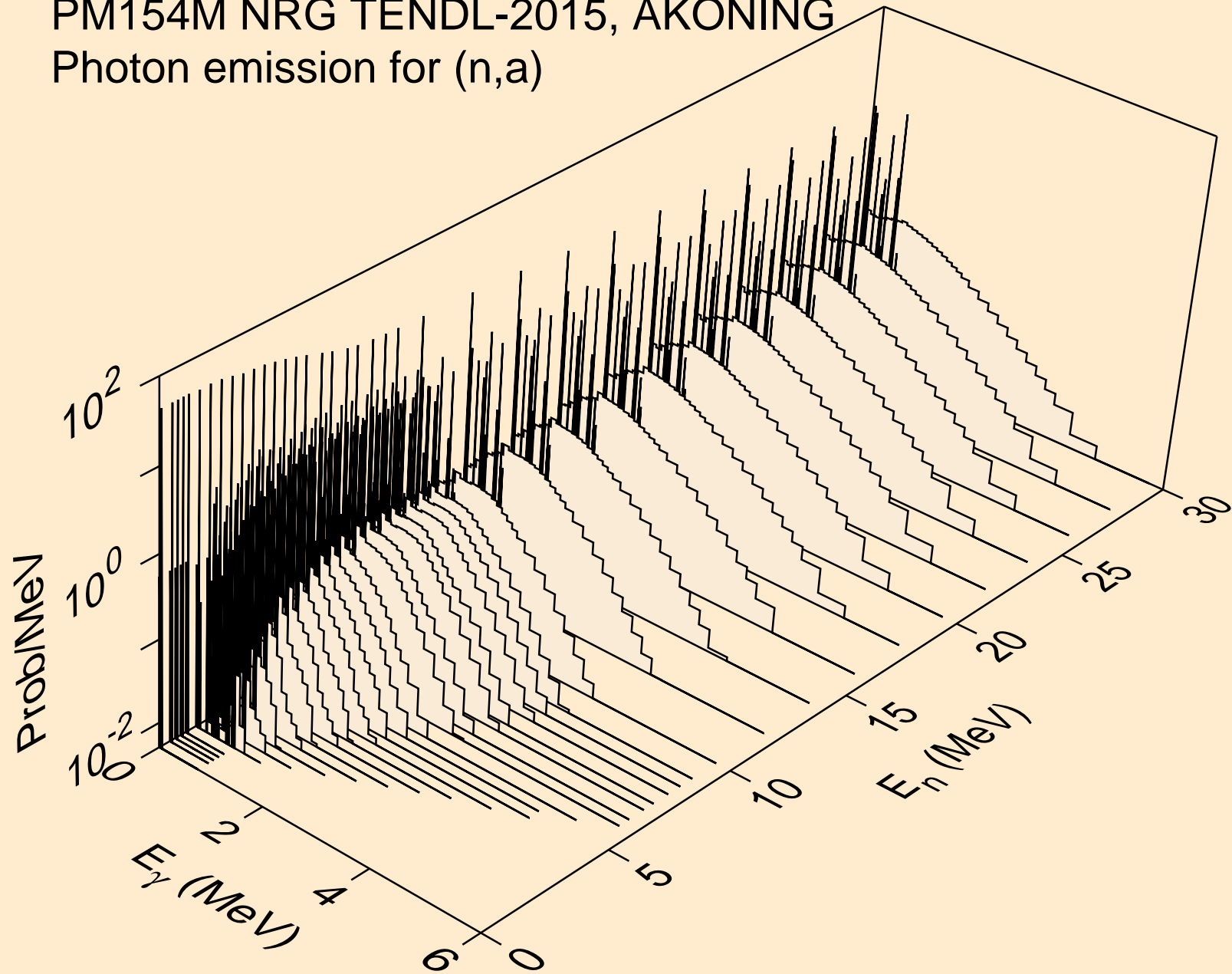
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Photon emission for (n,t)



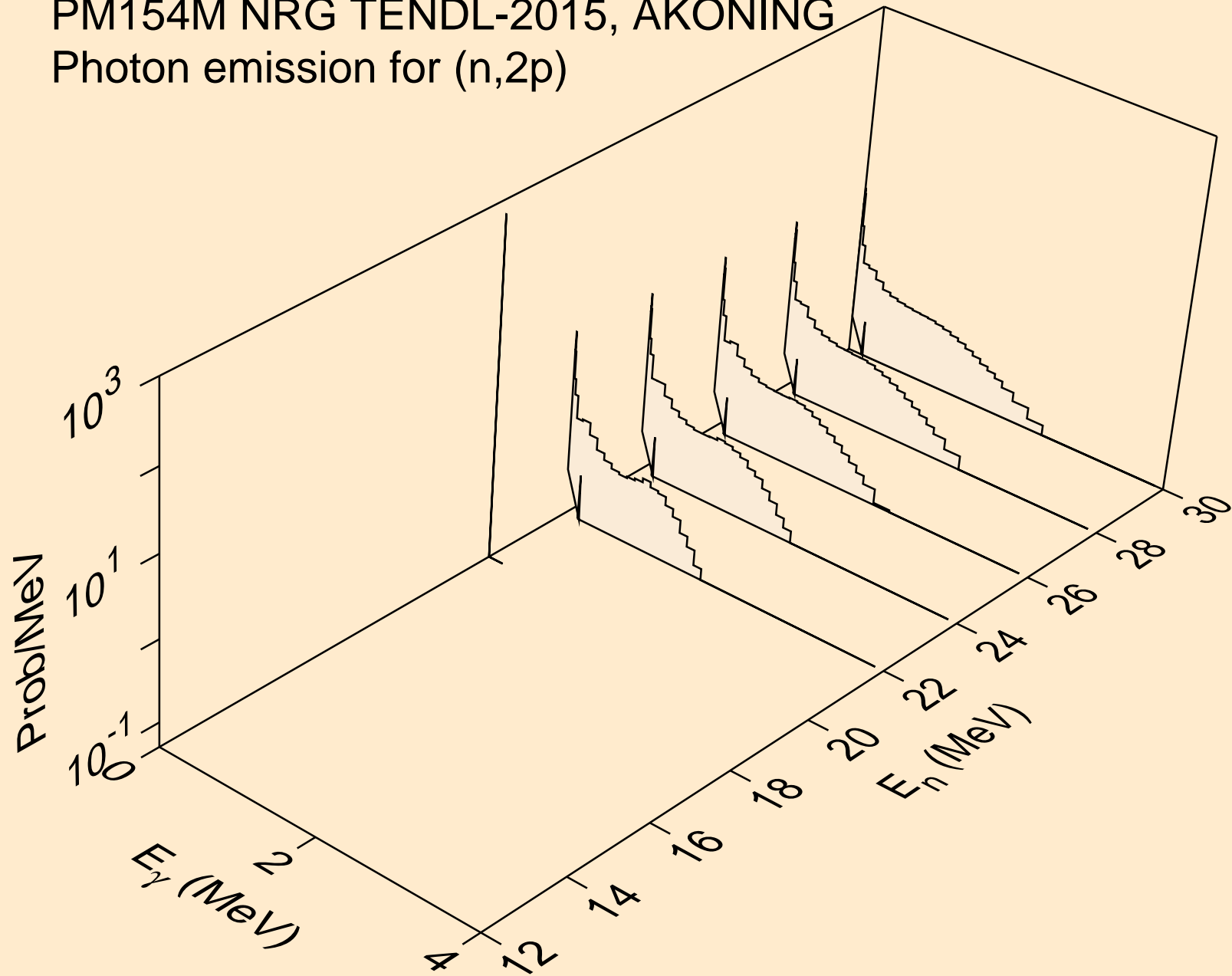
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Photon emission for (n,he3)



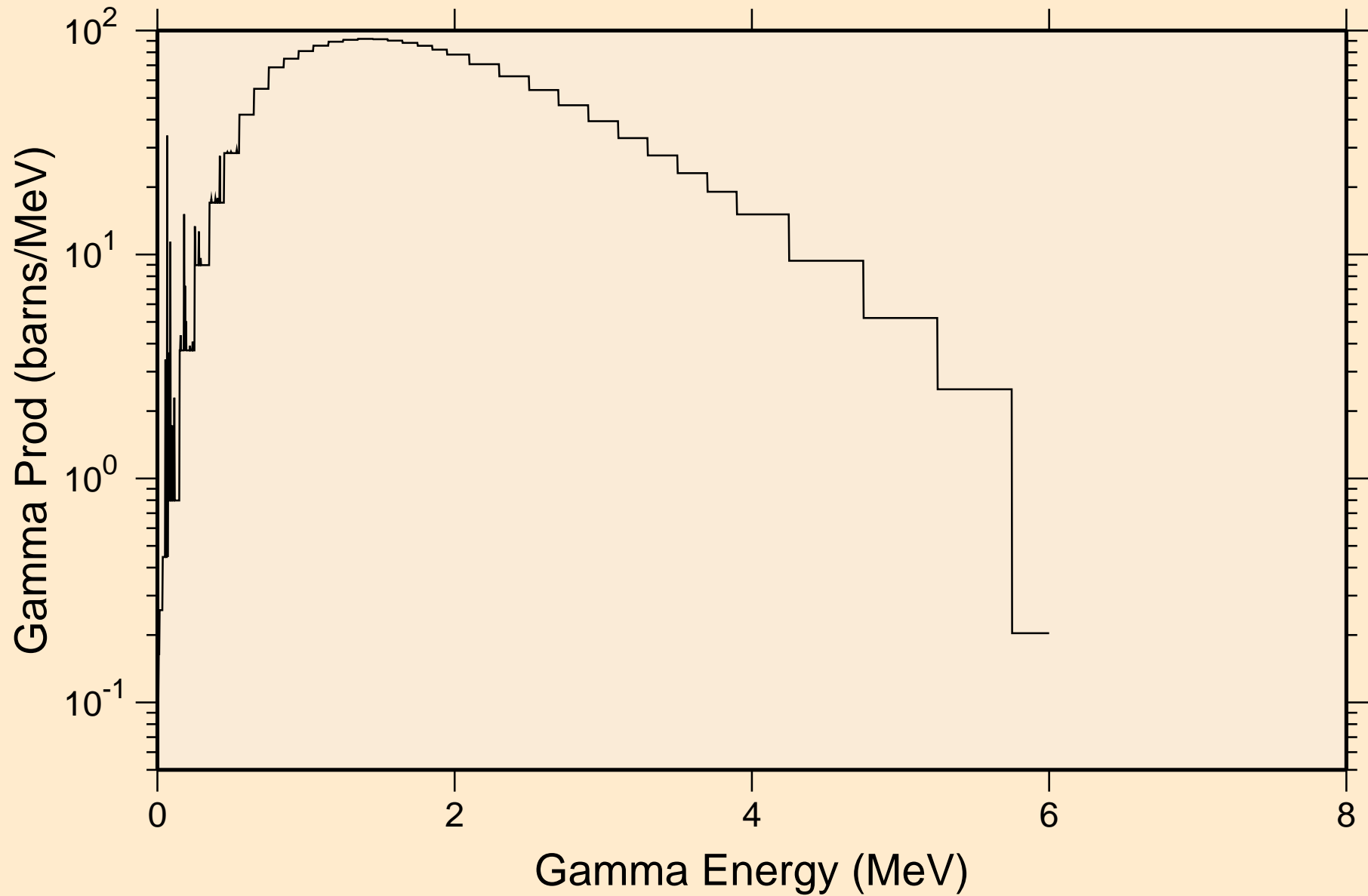
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Photon emission for (n,a)



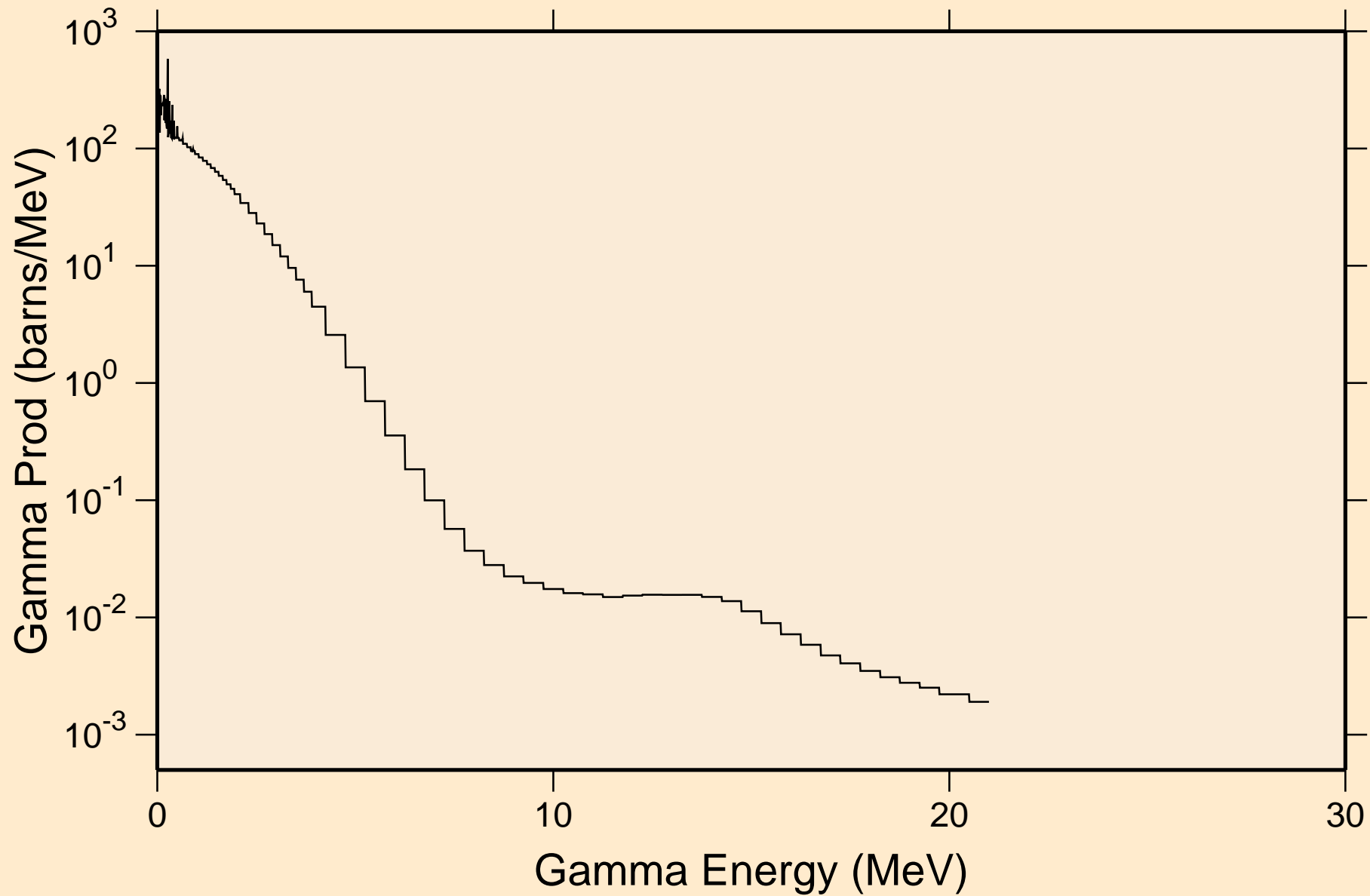
PM154M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



PM154M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



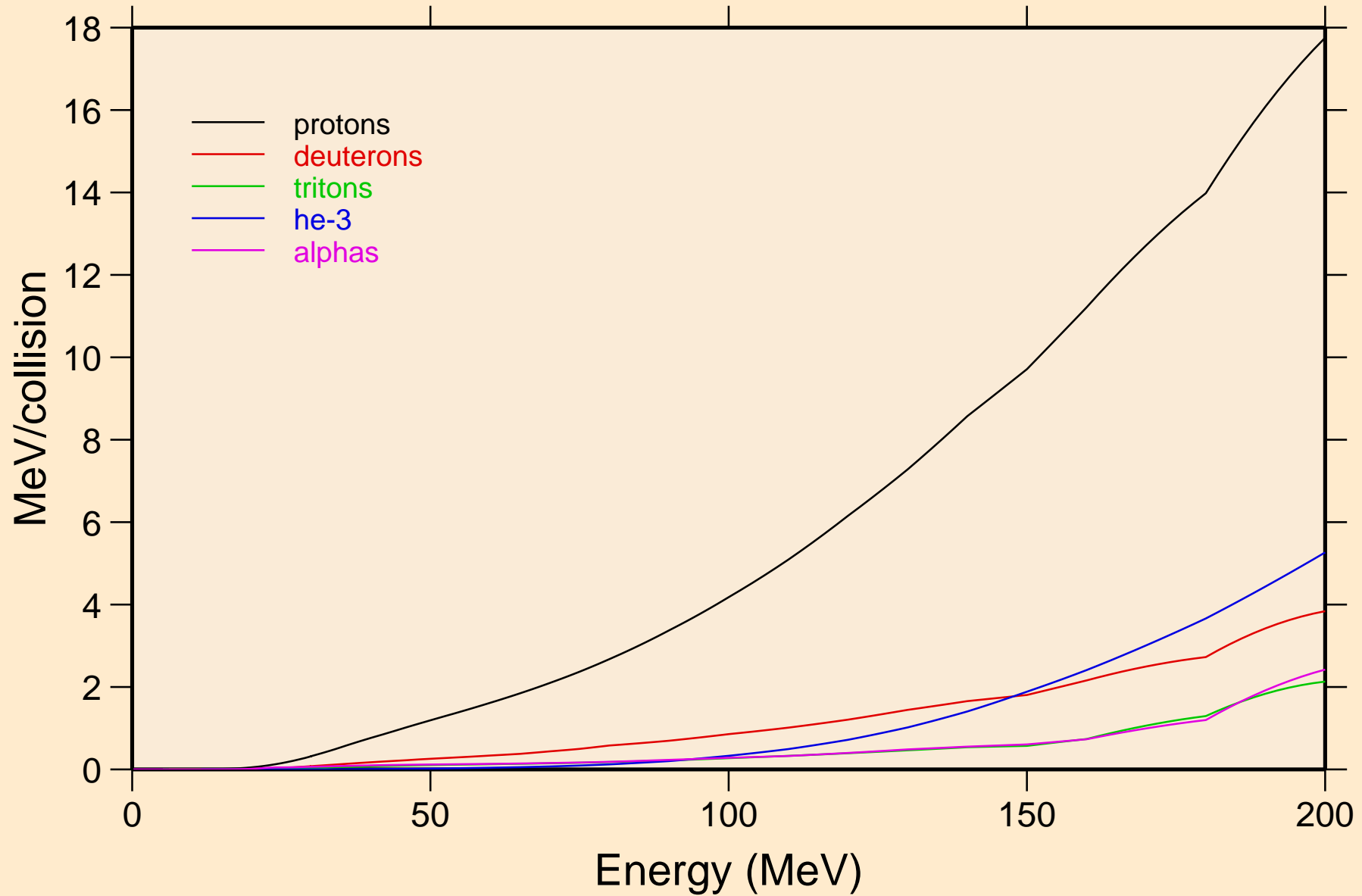
PM154M NRG TENDL-2015, AKONING  
14 MeV photon spectrum





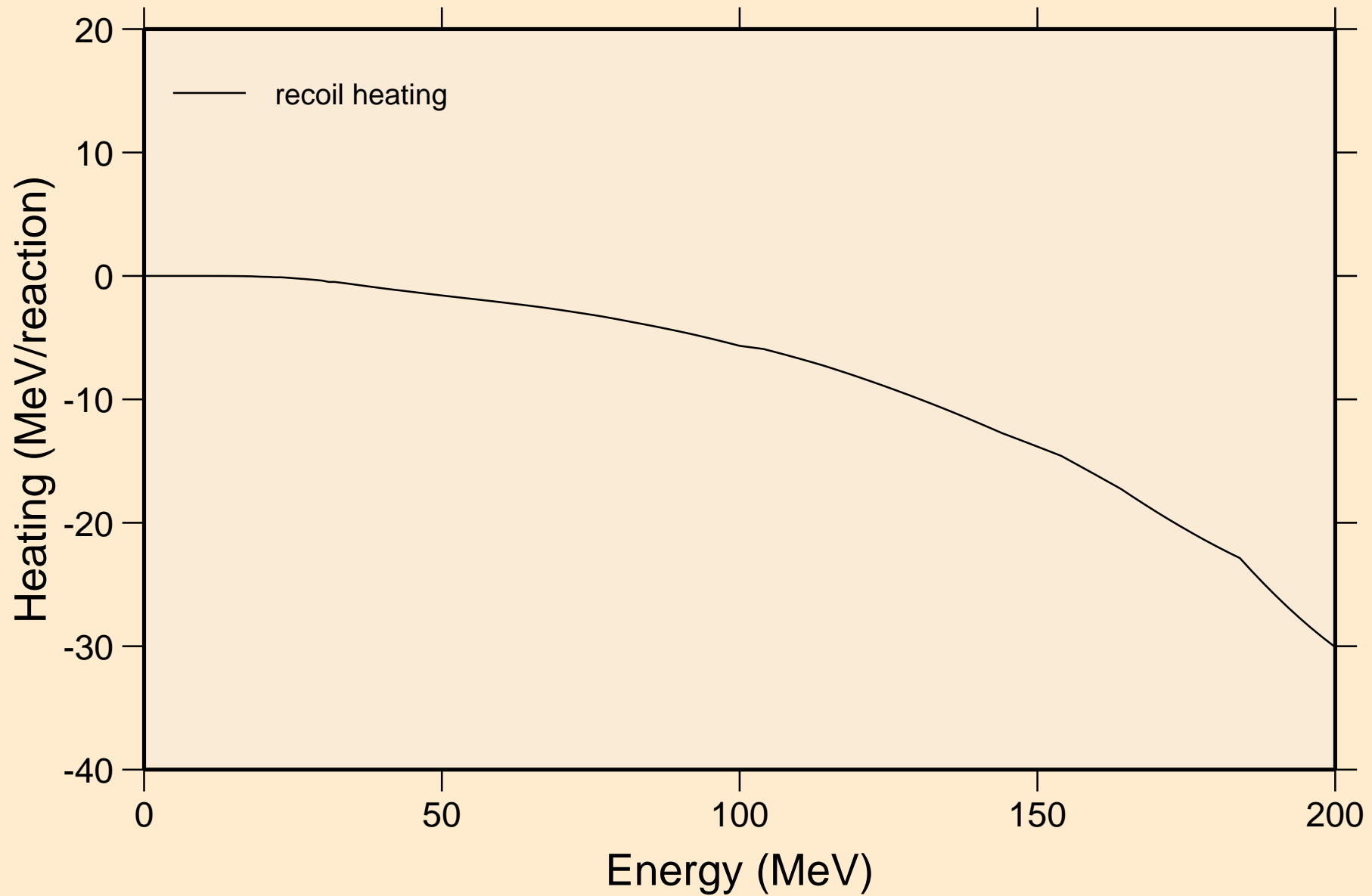
# PM154M NRG TENDL-2015, AKONING

## Particle heating contributions



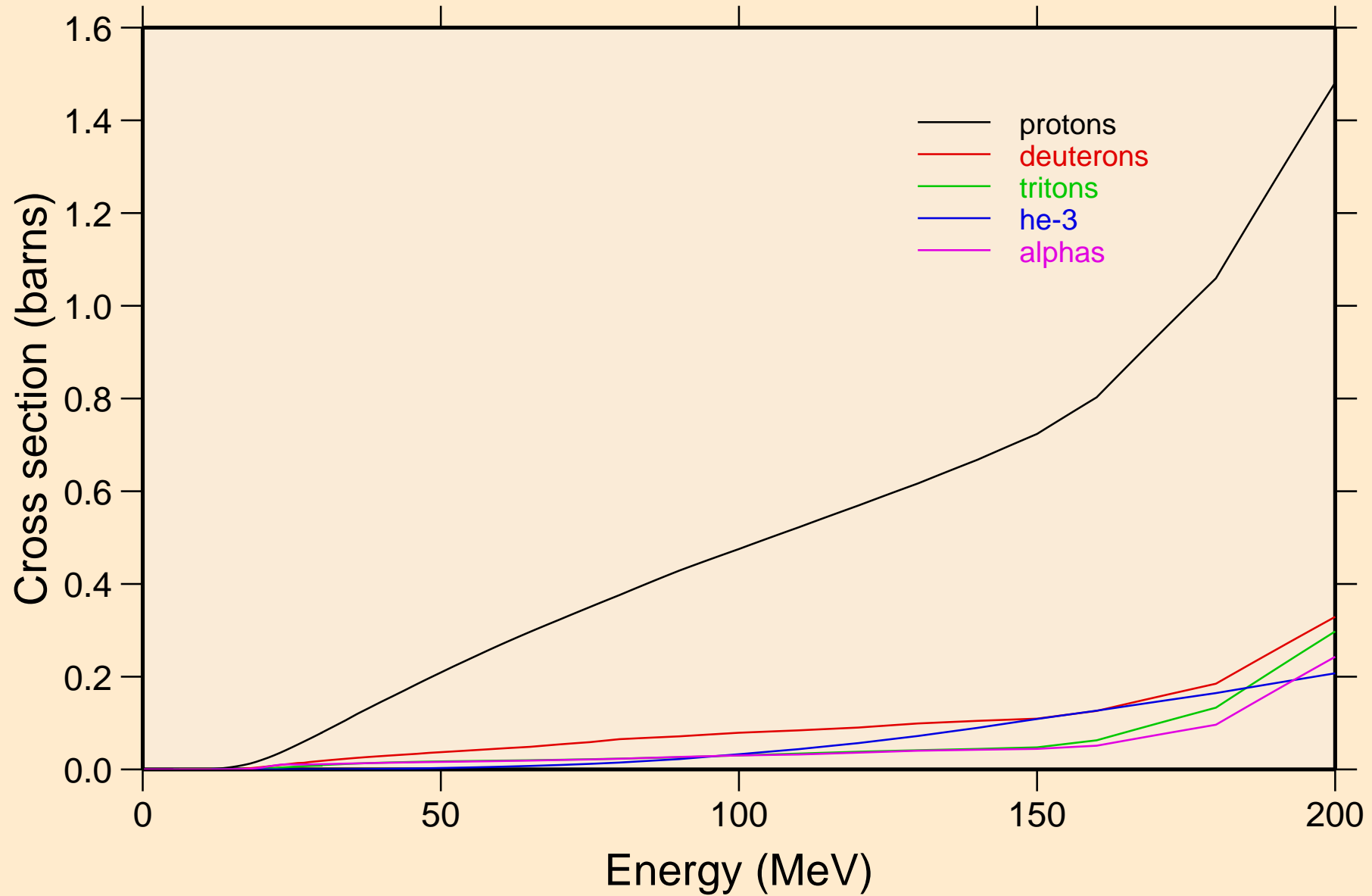
# PM154M NRG TENDL-2015, AKONING

## Recoil Heating

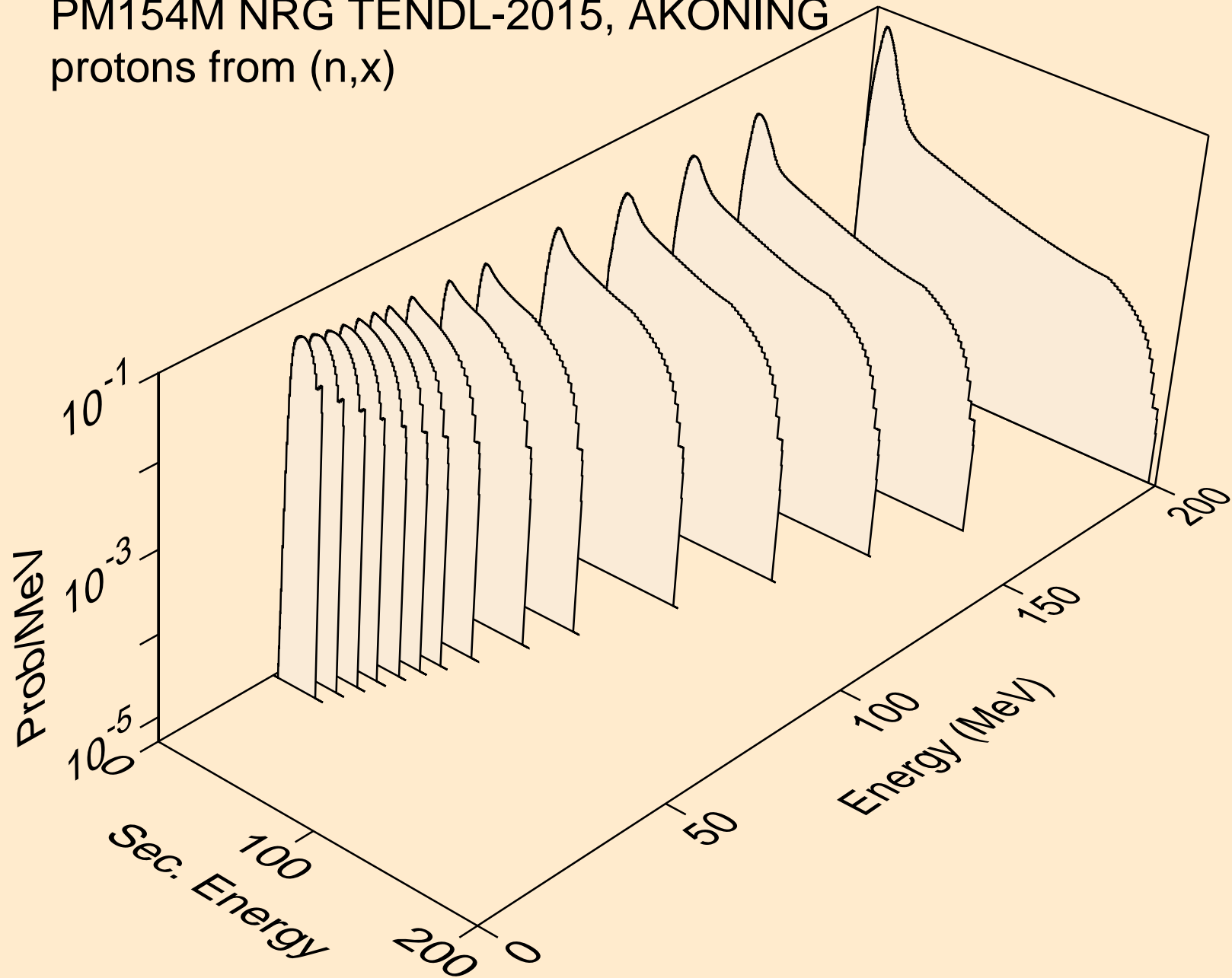


# PM154M NRG TENDL-2015, AKONING

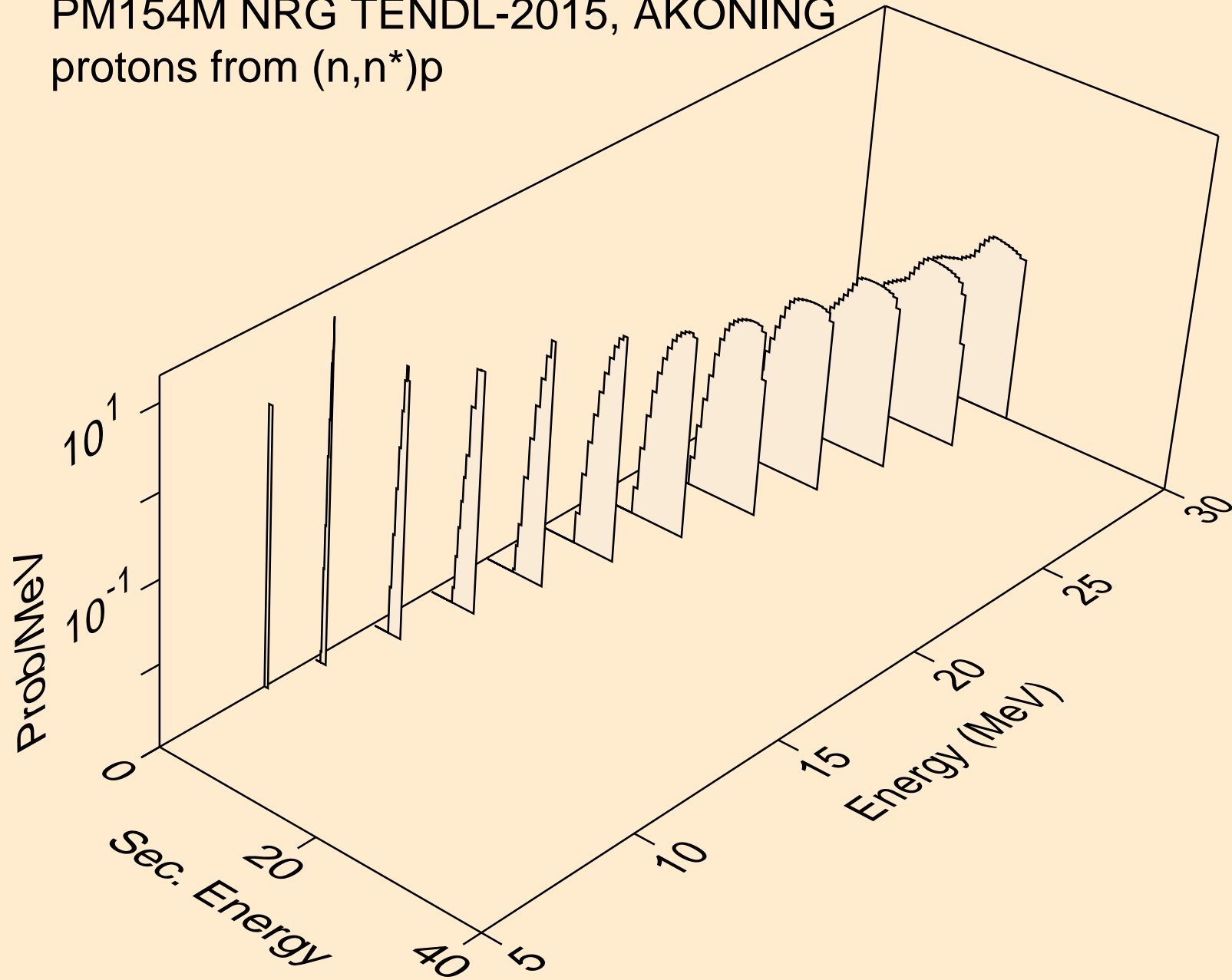
## Particle production cross sections



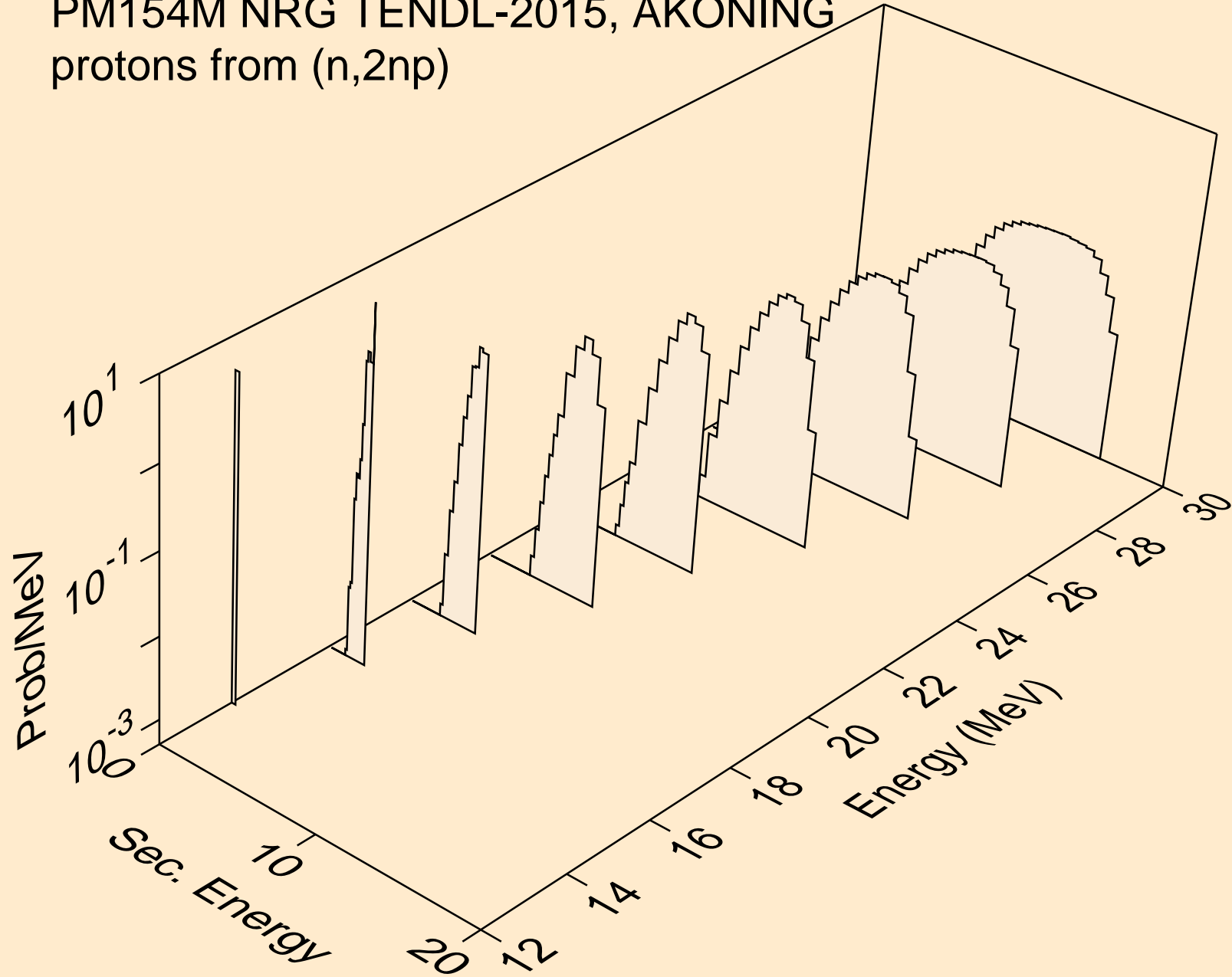
PM154M NRG TENDL-2015, AKONING  
protons from (n,x)



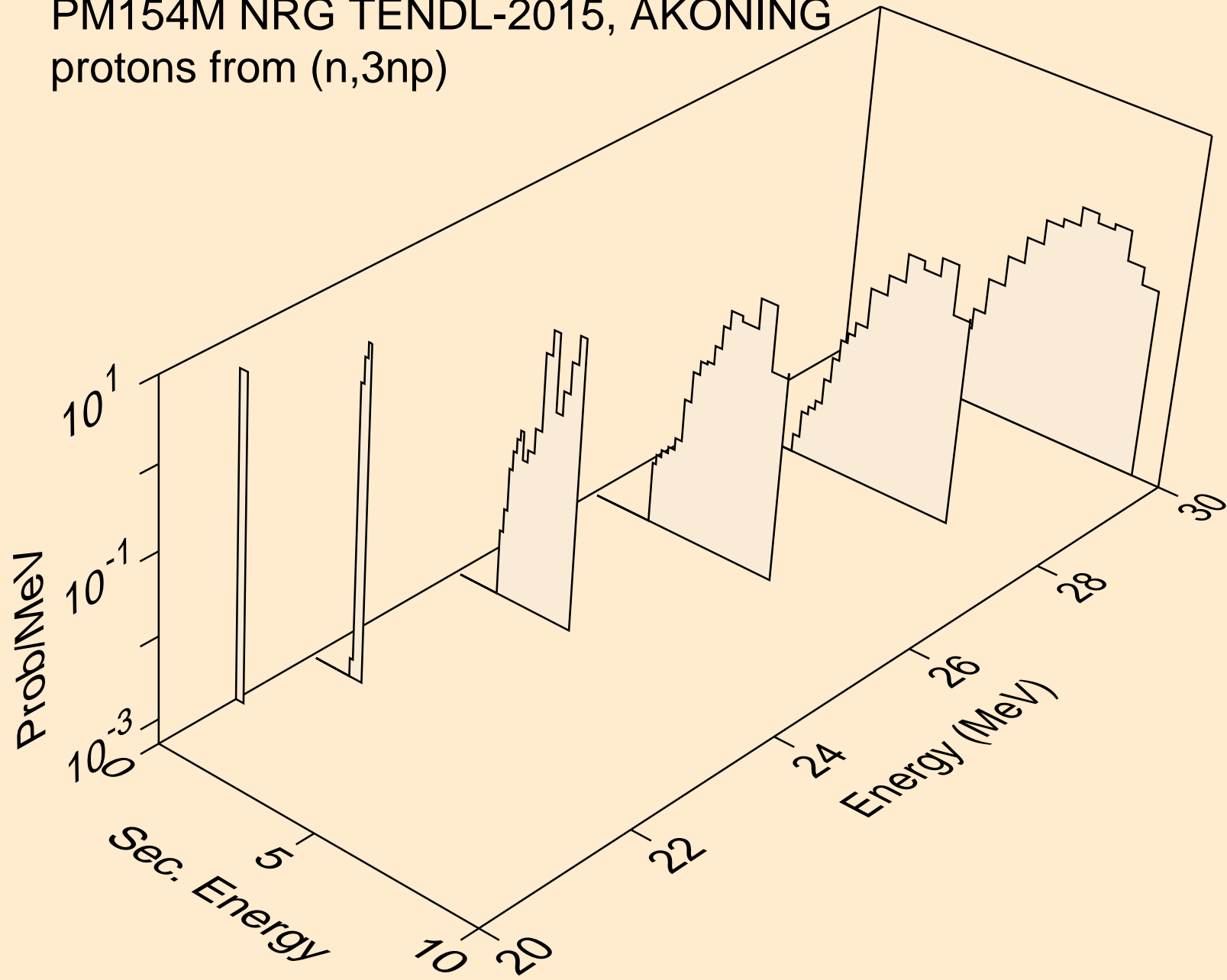
PM154M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



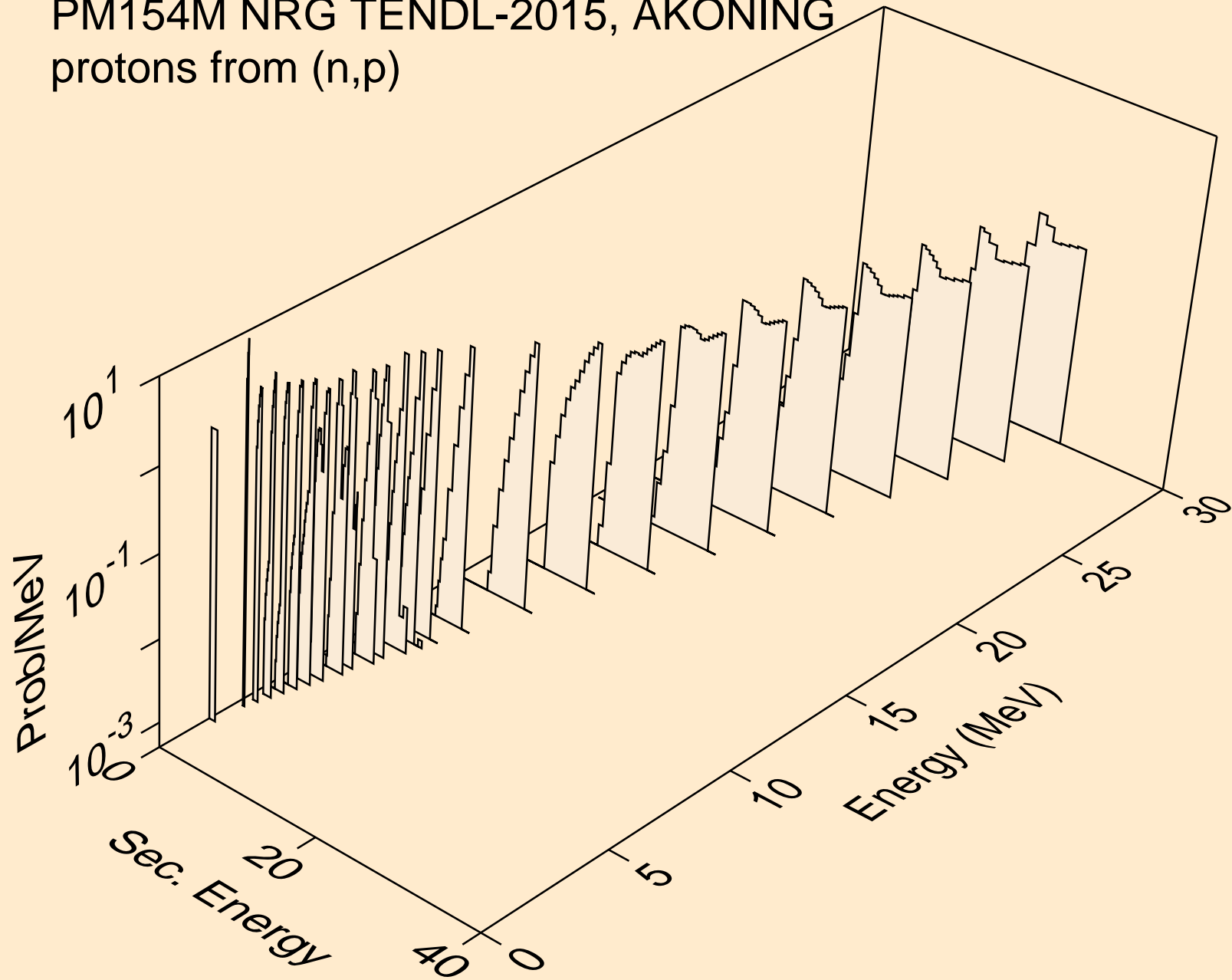
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protons from (n,2np)



PM154M NRG TENDL-2015, AKONING  
protons from (n,3np)

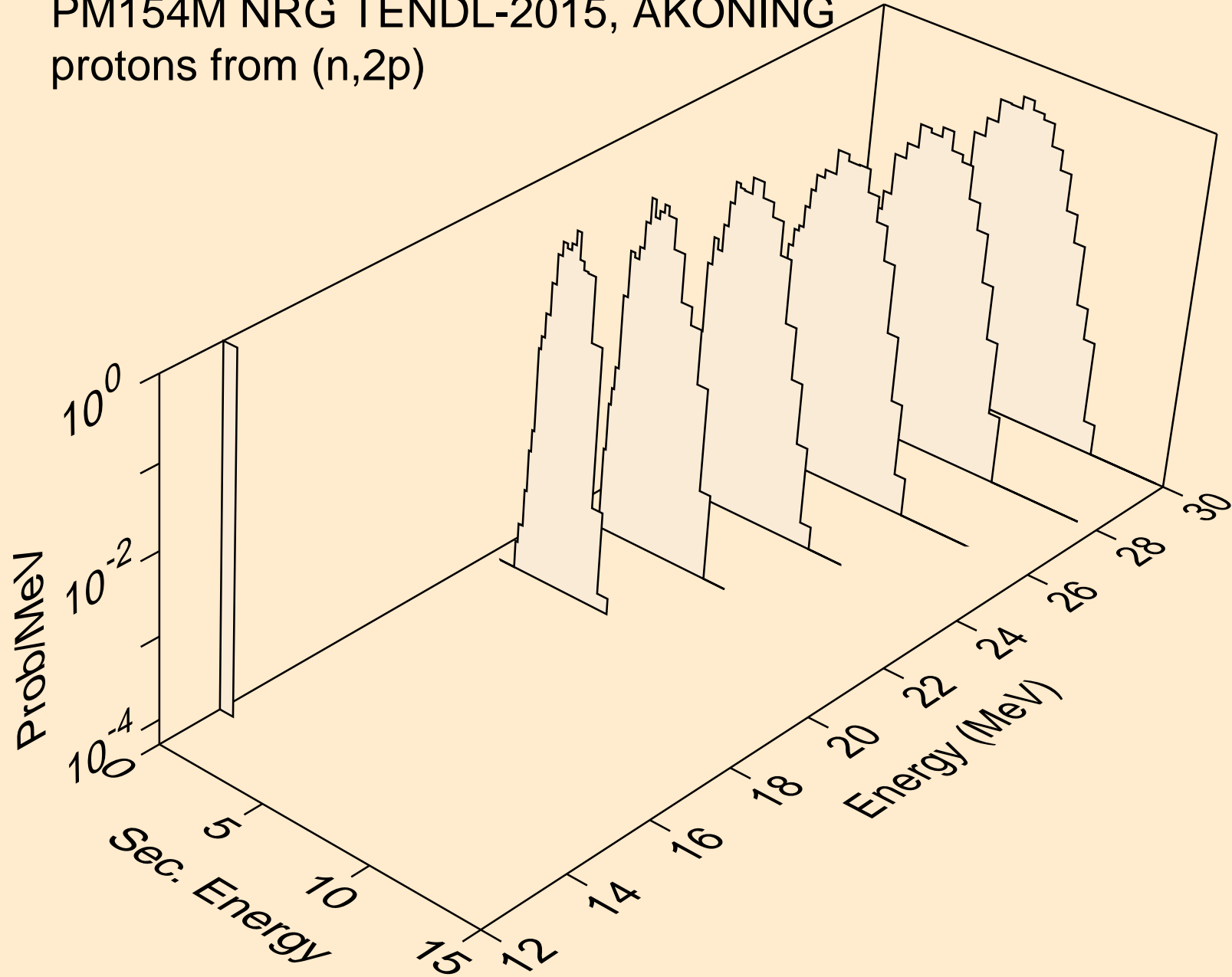


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protons from (n,p)

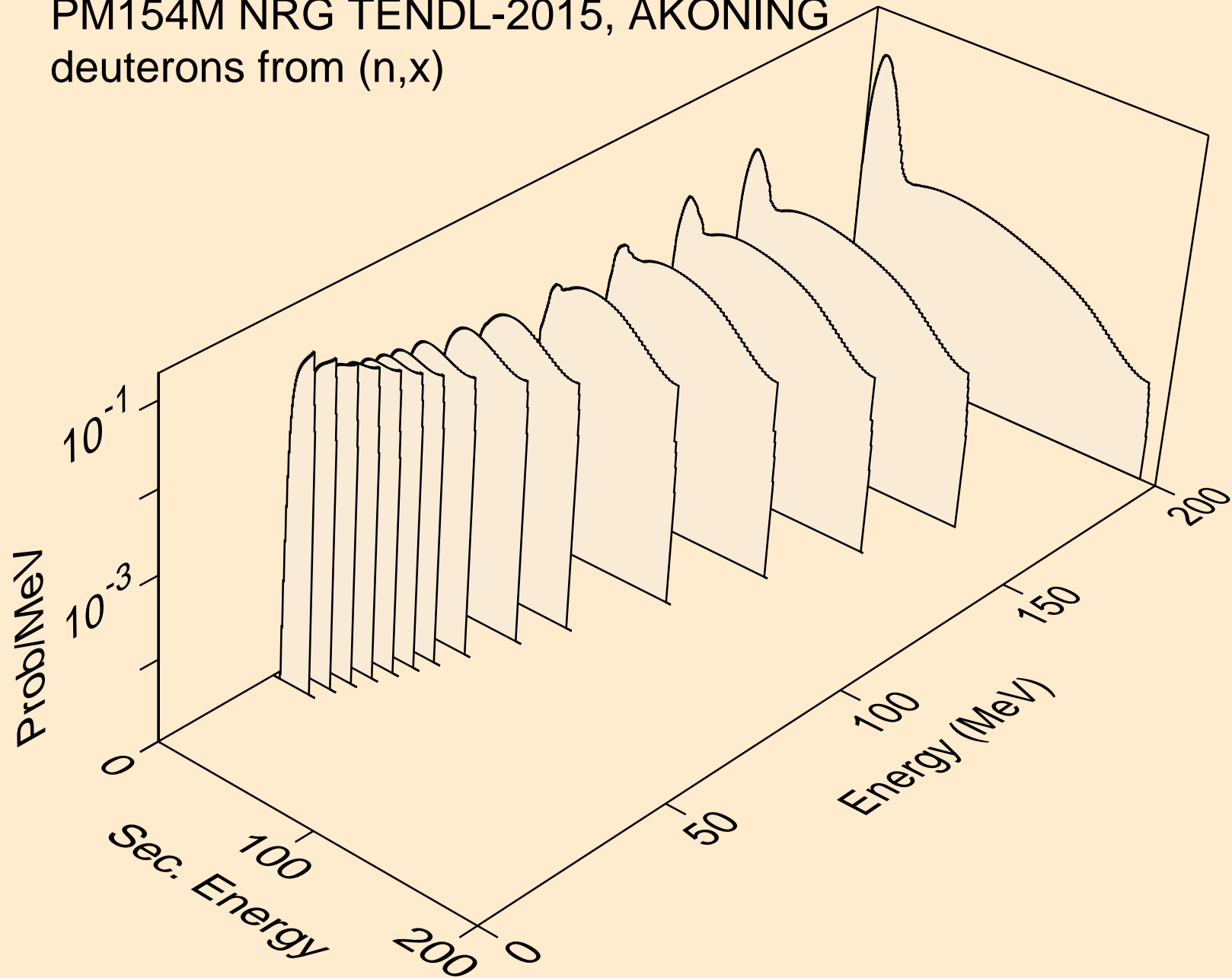




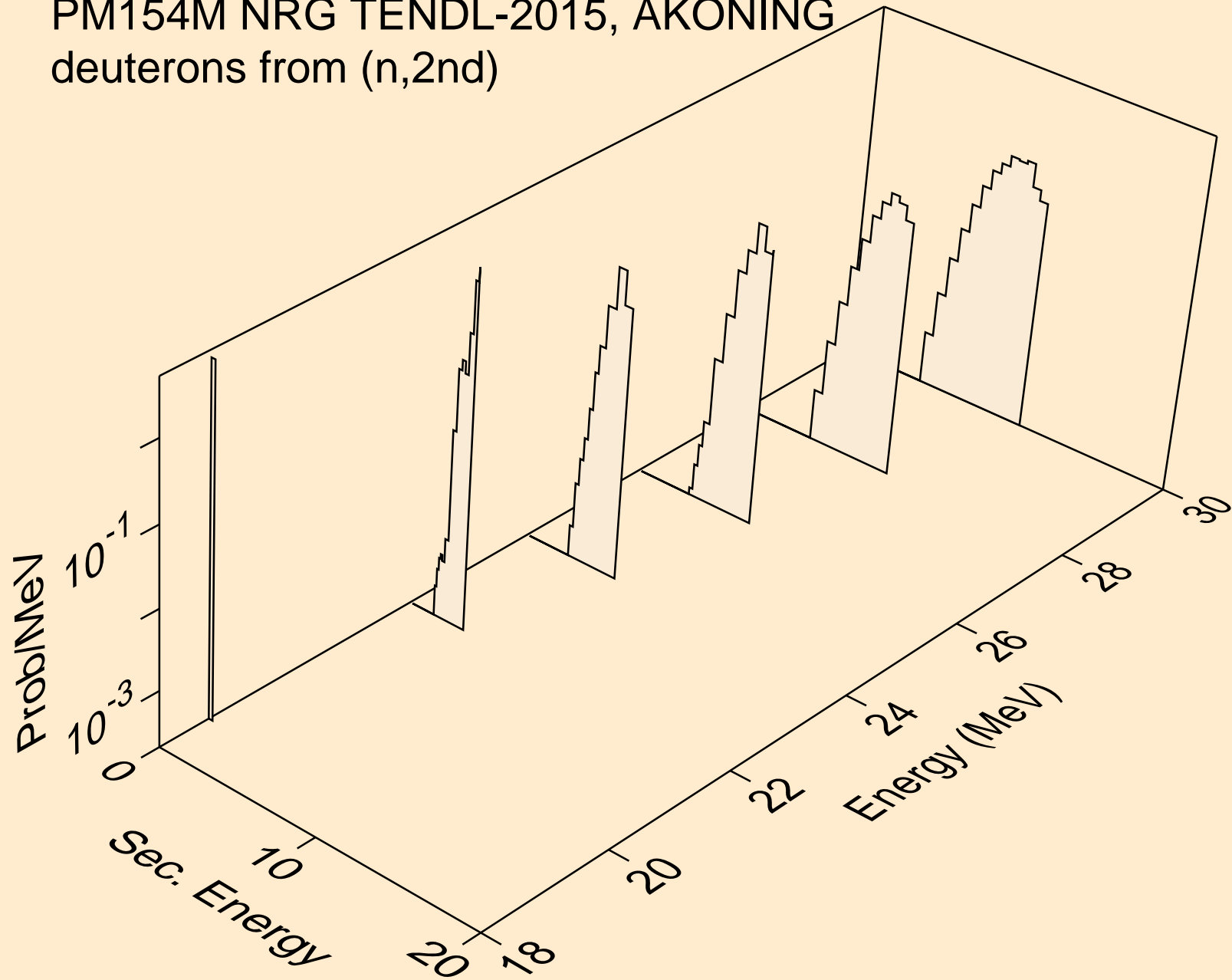
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protons from (n,2p)



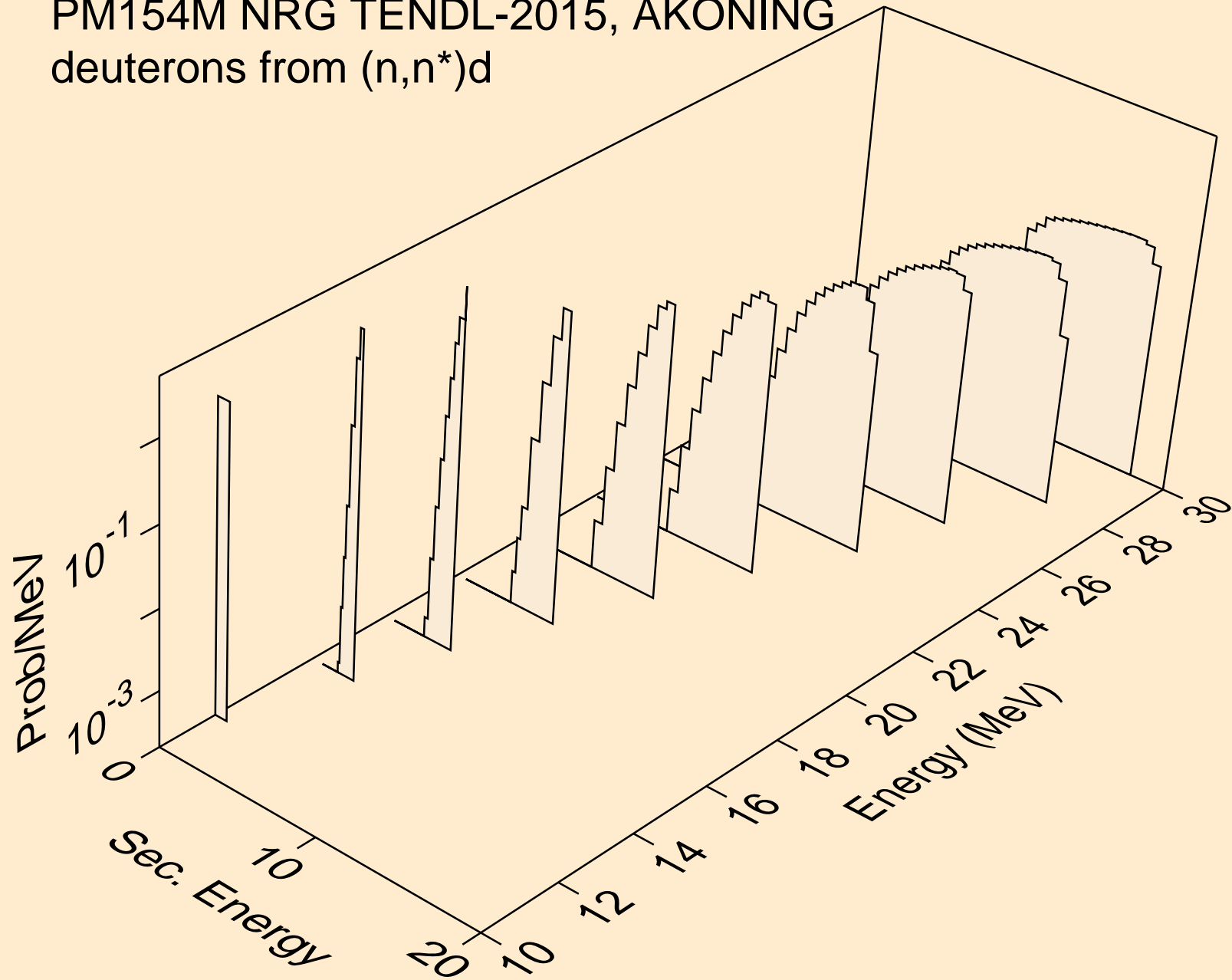
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deuterons from (n,x)



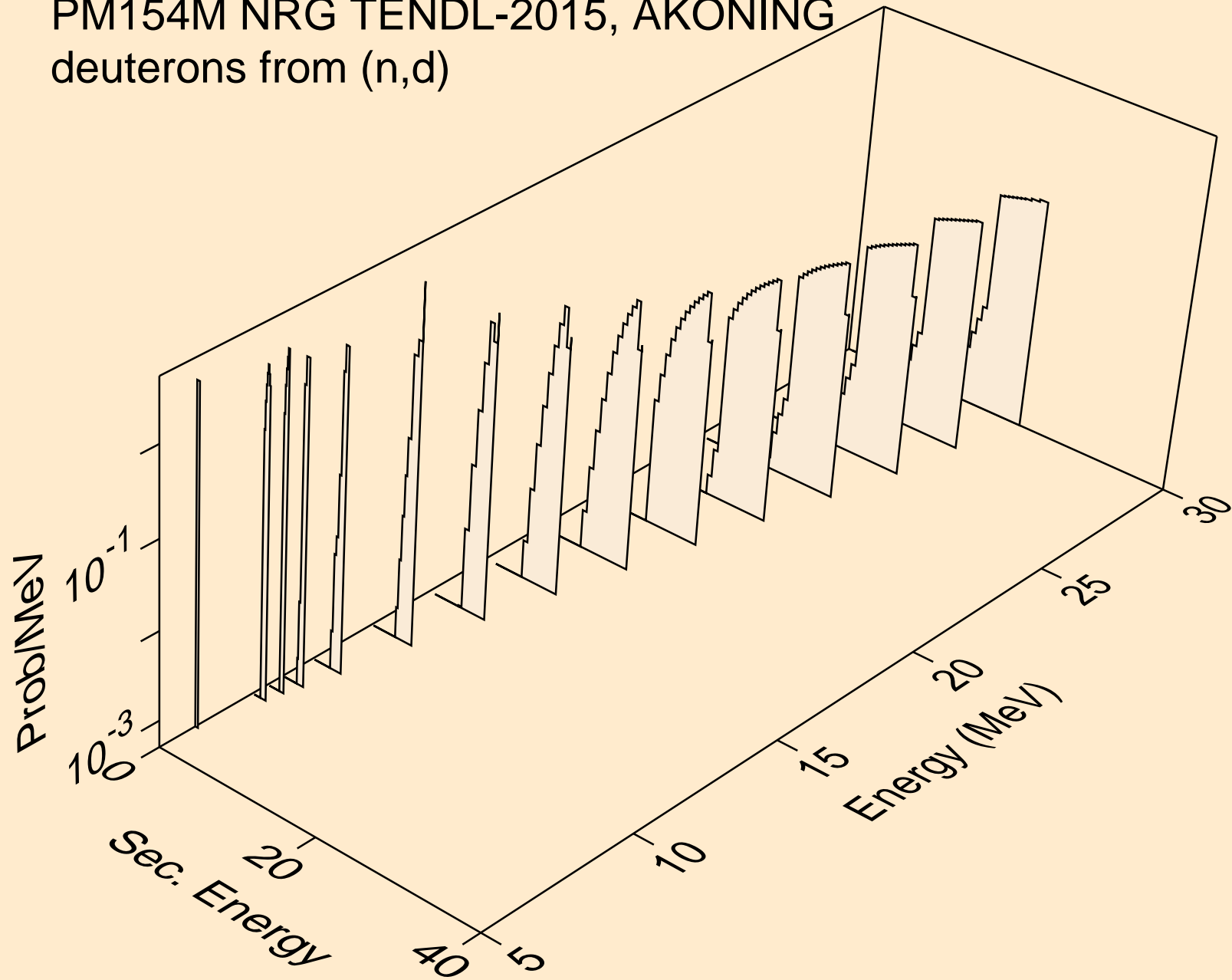
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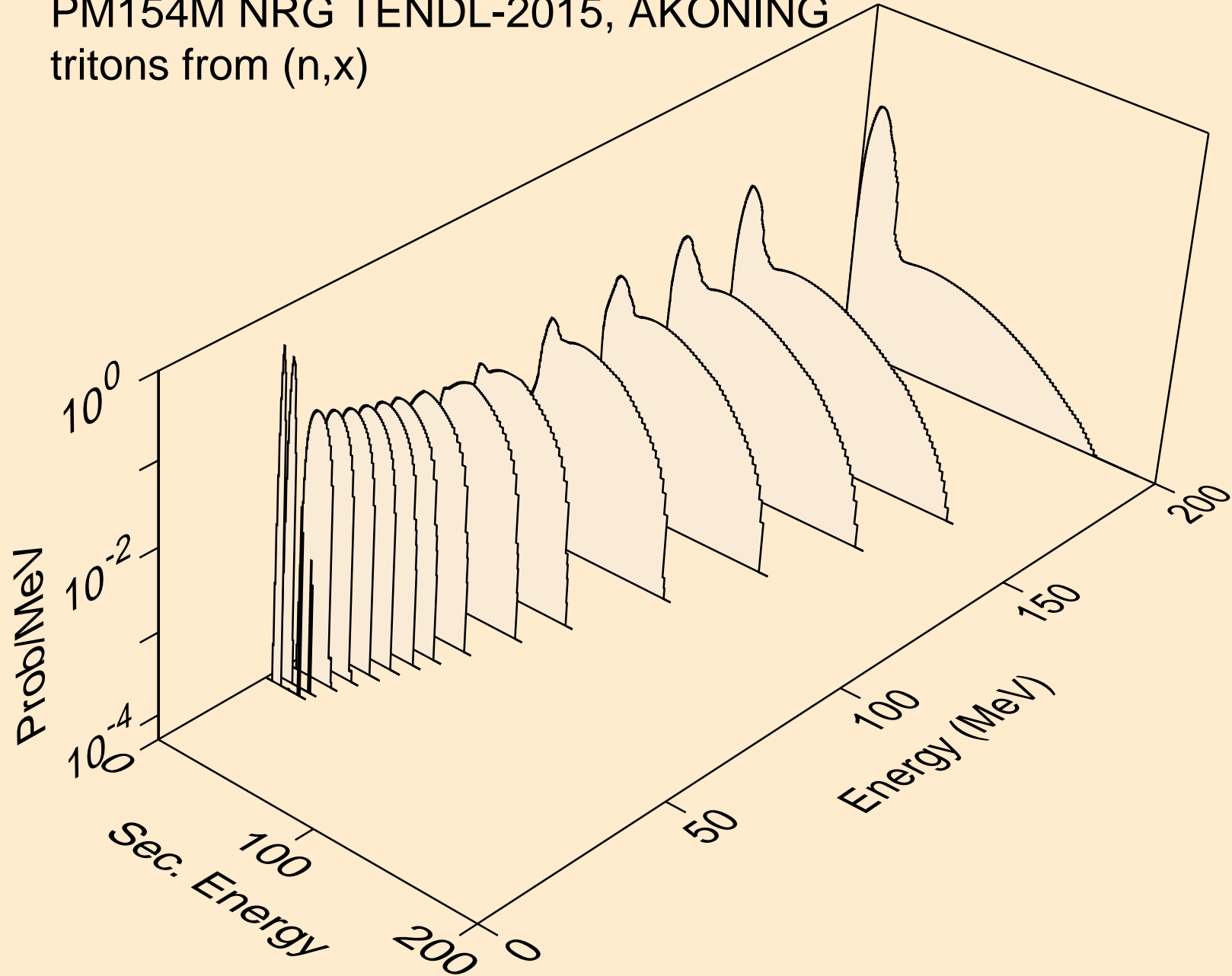
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deuterons from (n,n\*)d



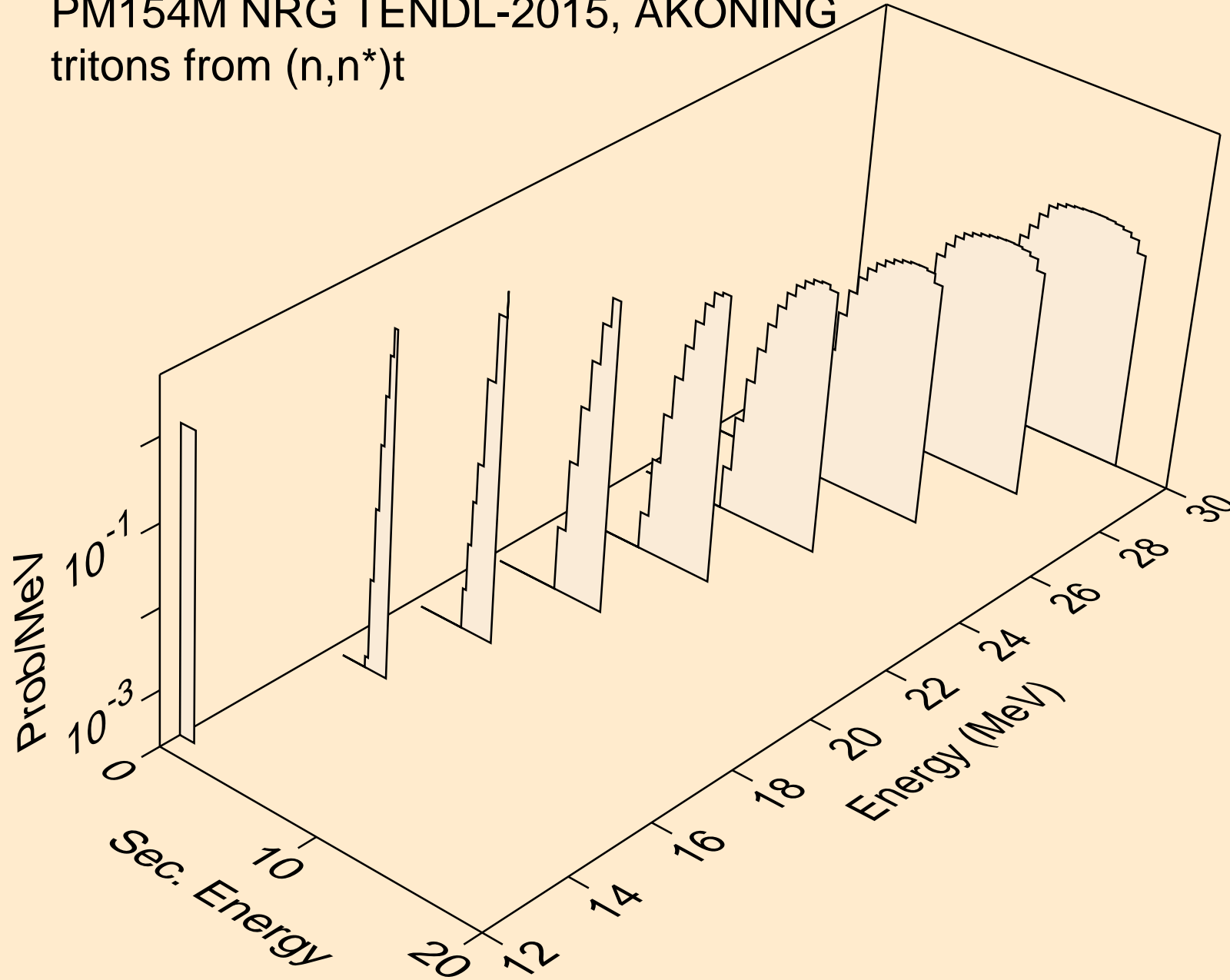
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deuterons from (n,d)



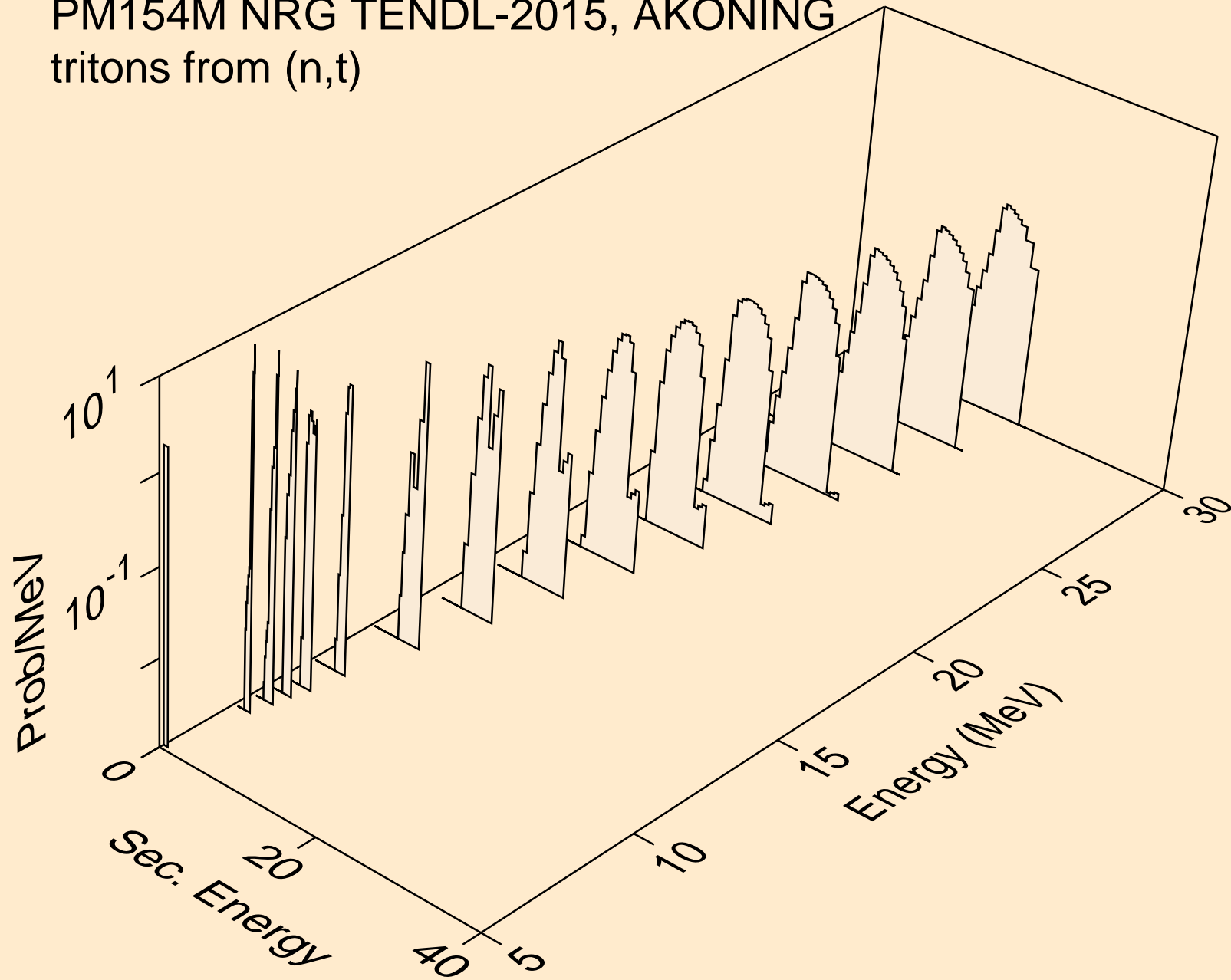
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tritons from (n,x)



PM154M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

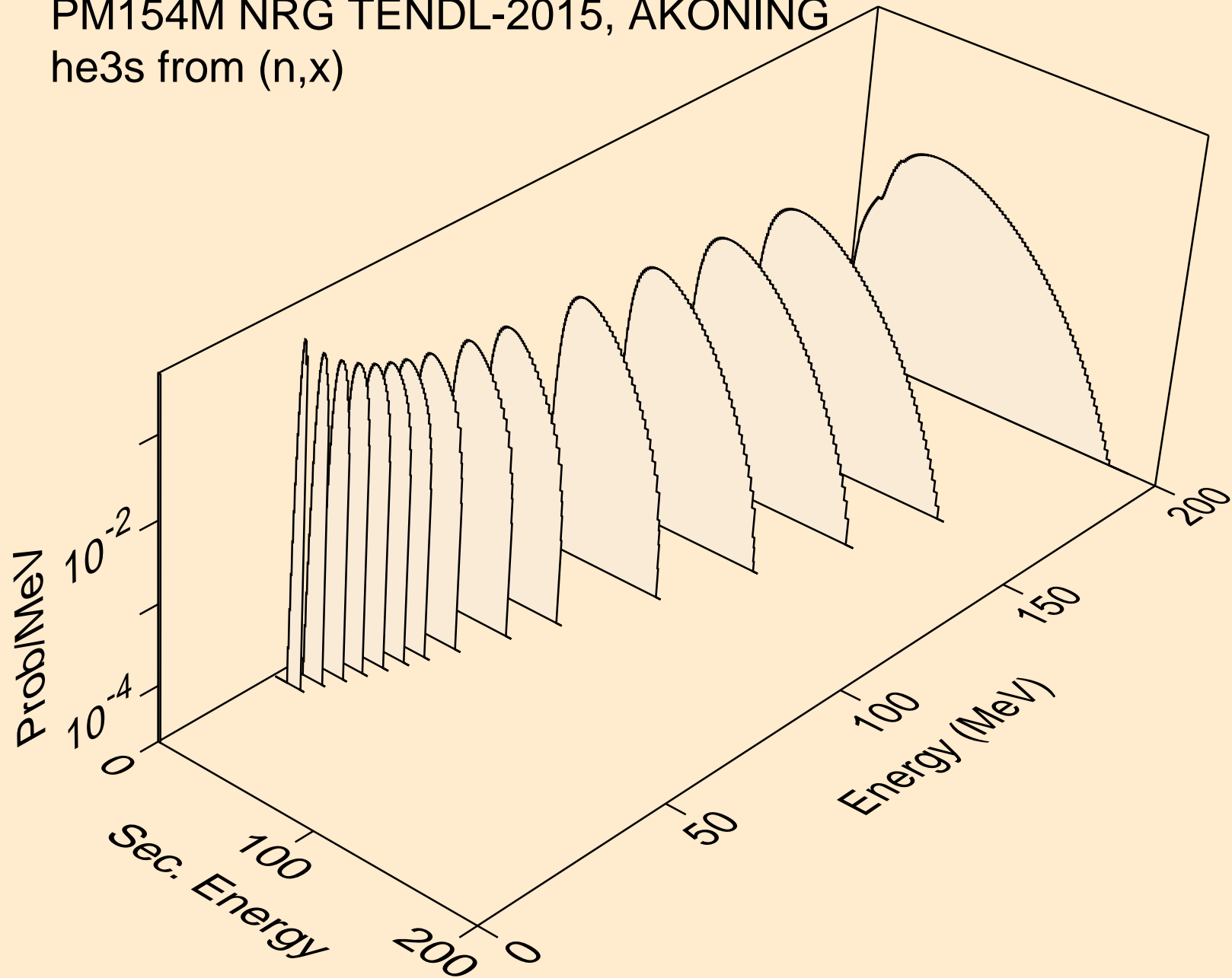


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tritons from (n,t)

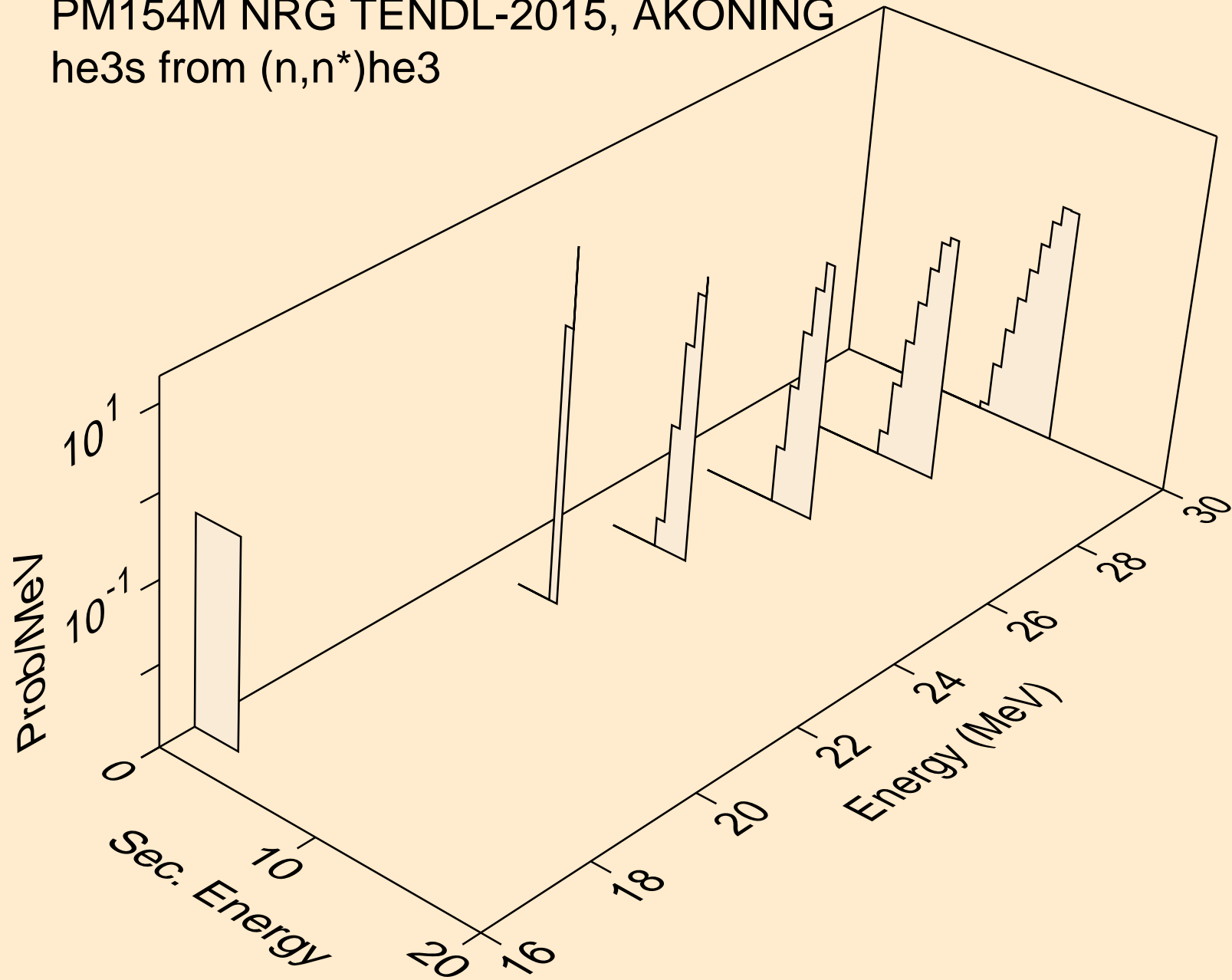




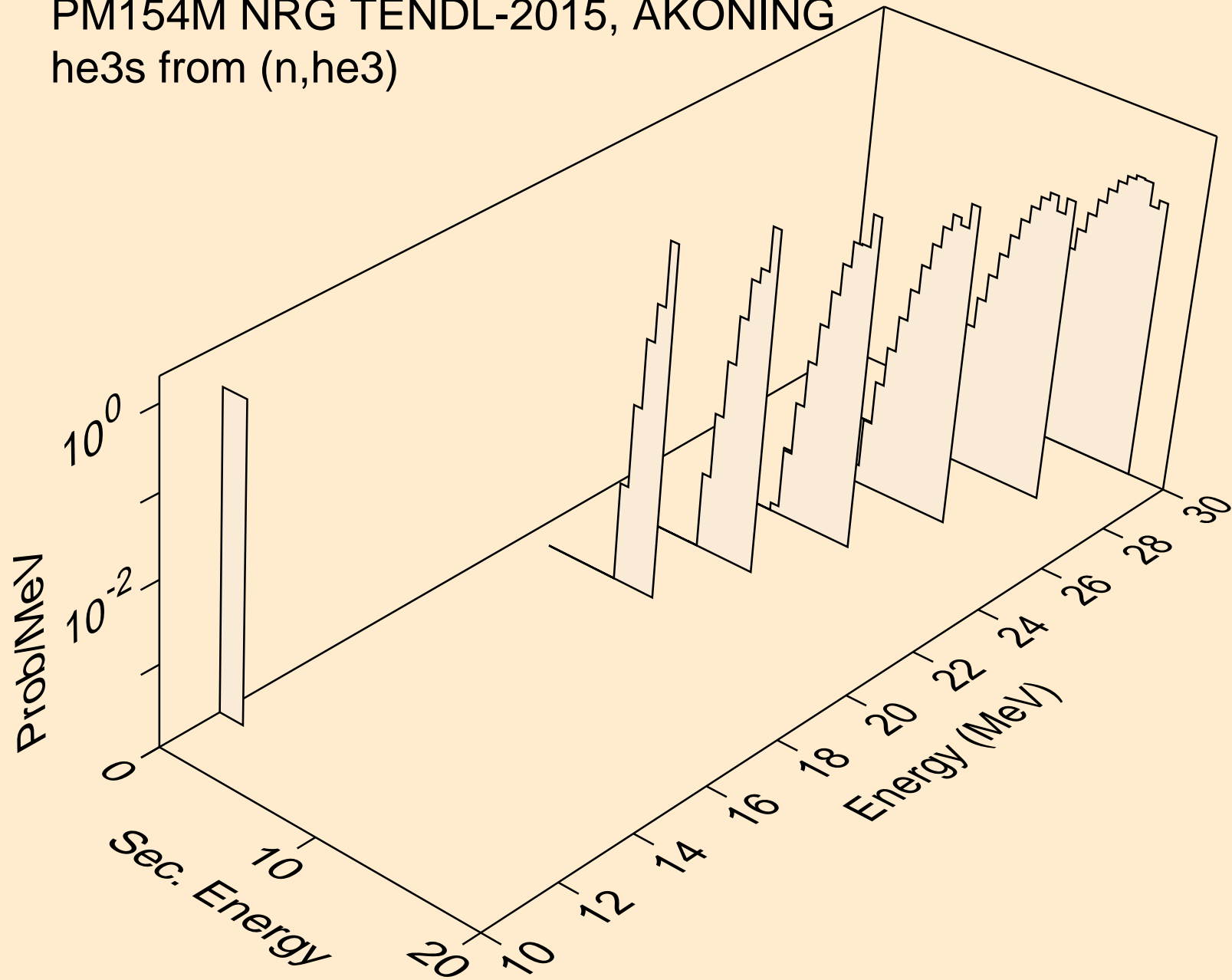
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he3s from (n,x)



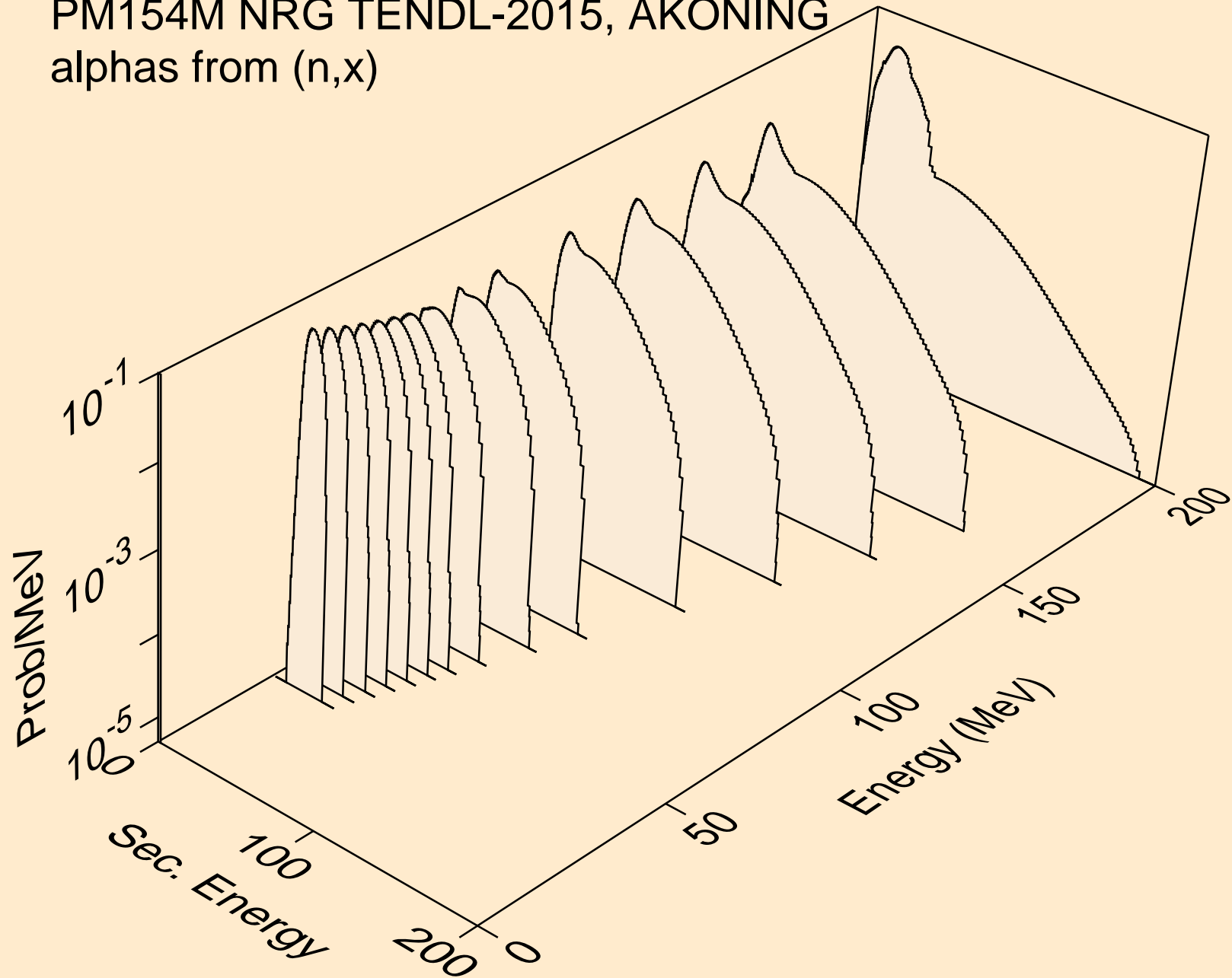
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he3s from (n,n\*)he3



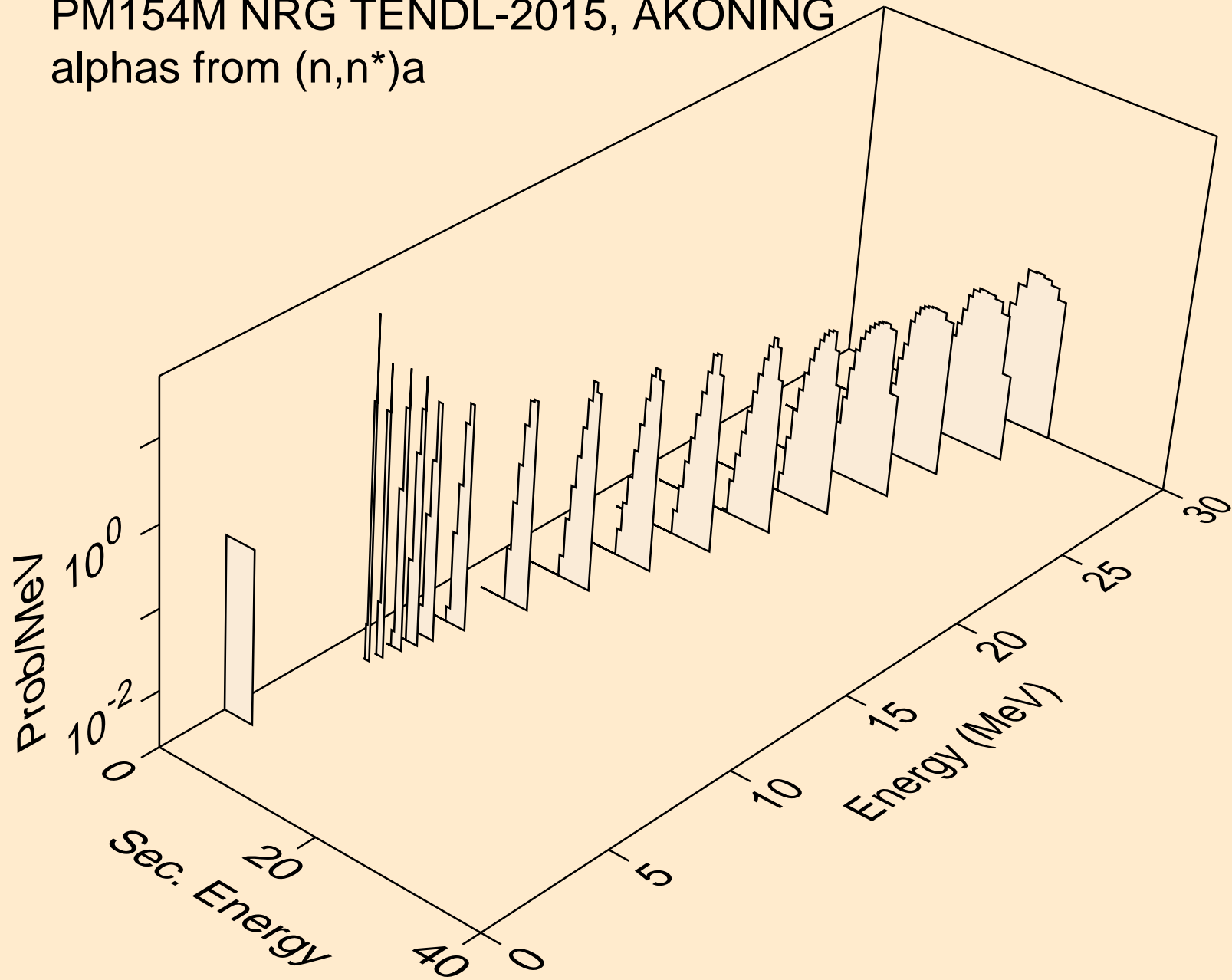
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he3s from (n,he3)



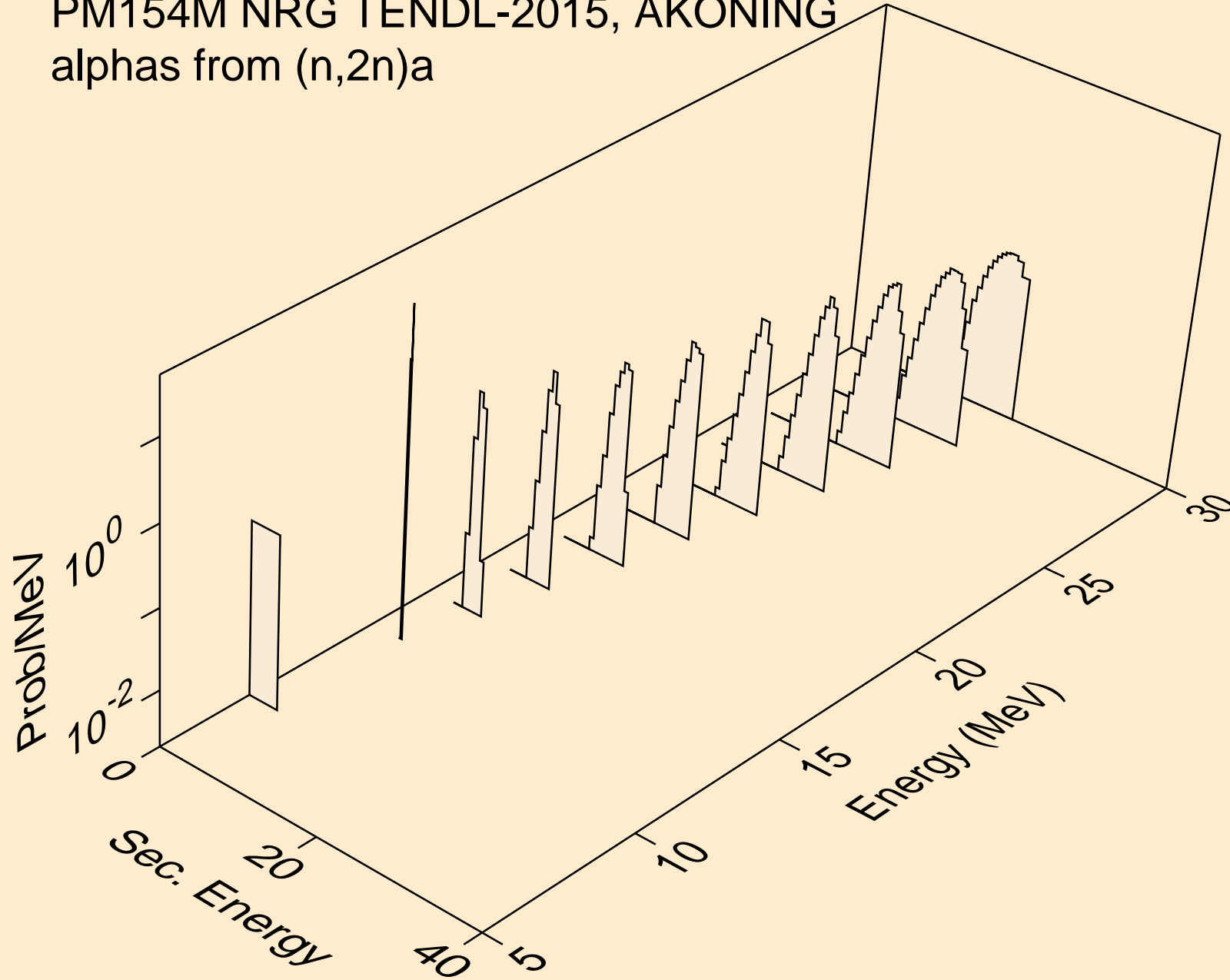
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alphas from (n,x)



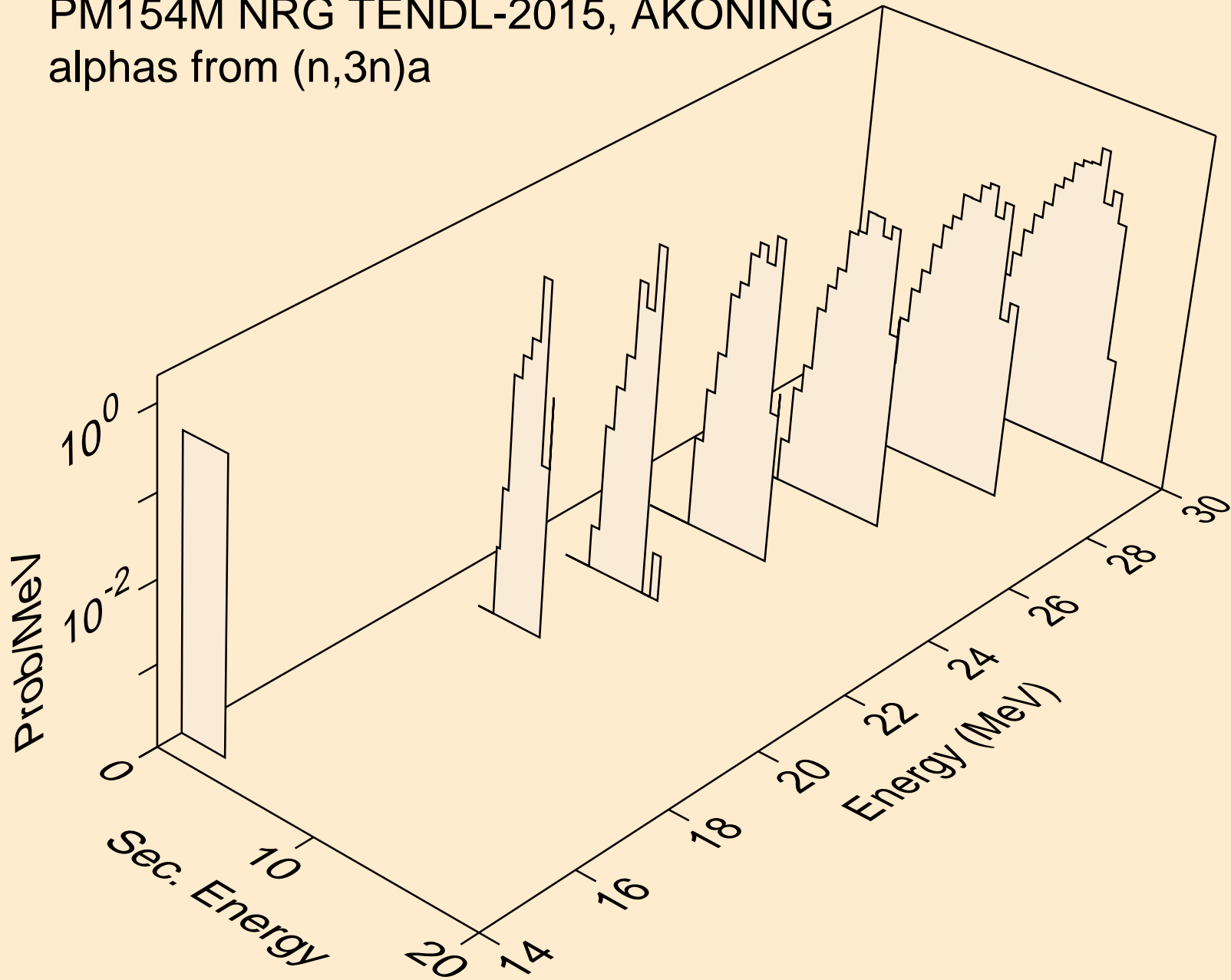
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alphas from (n,n\*)a



PM154M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



PM154M NRG TENDL-2015, AKONING  
alphas from (n,3n)a



PM154M NRG TENDL-2015, AKONING  
alphas from (n,a)

