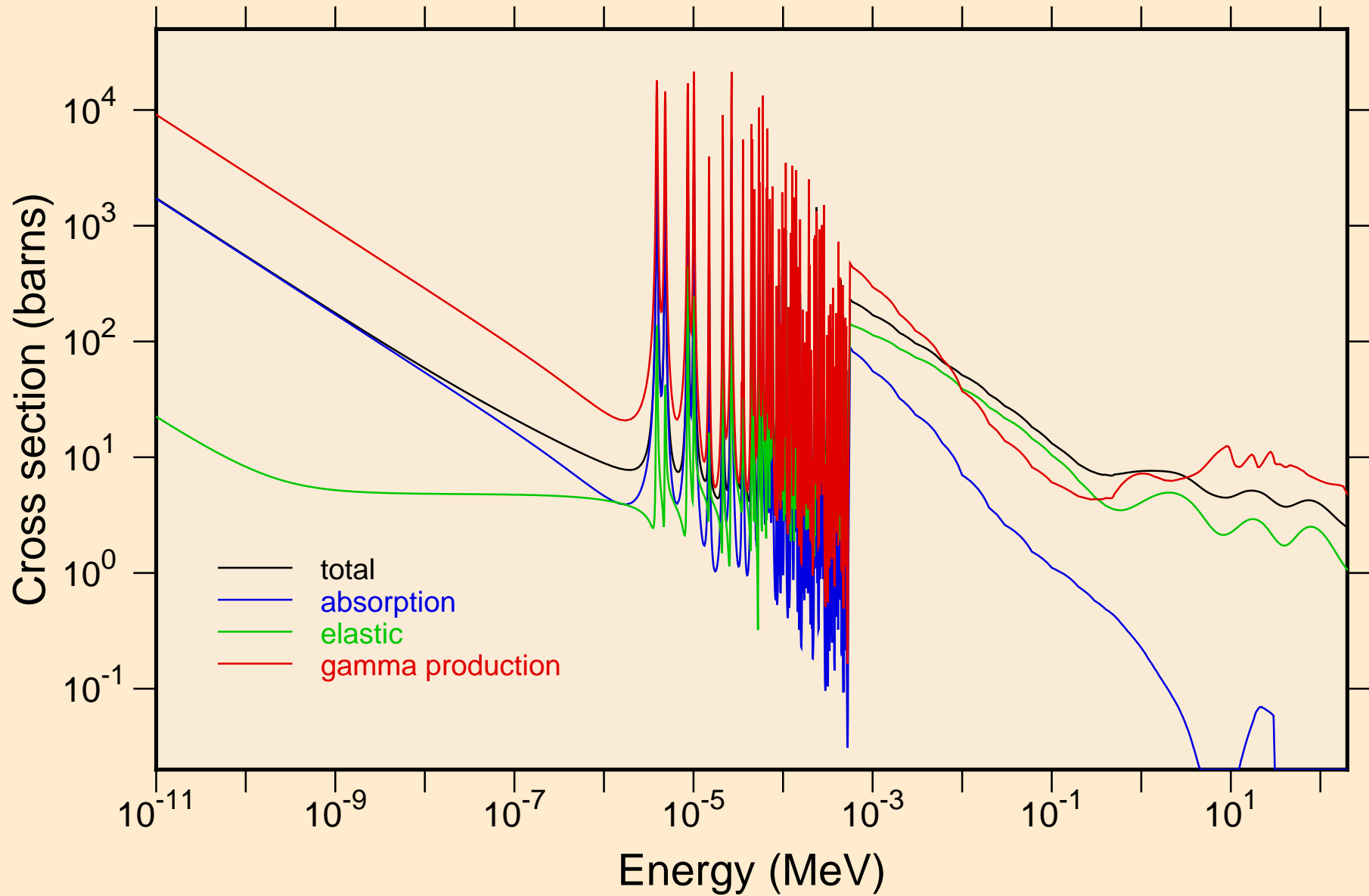
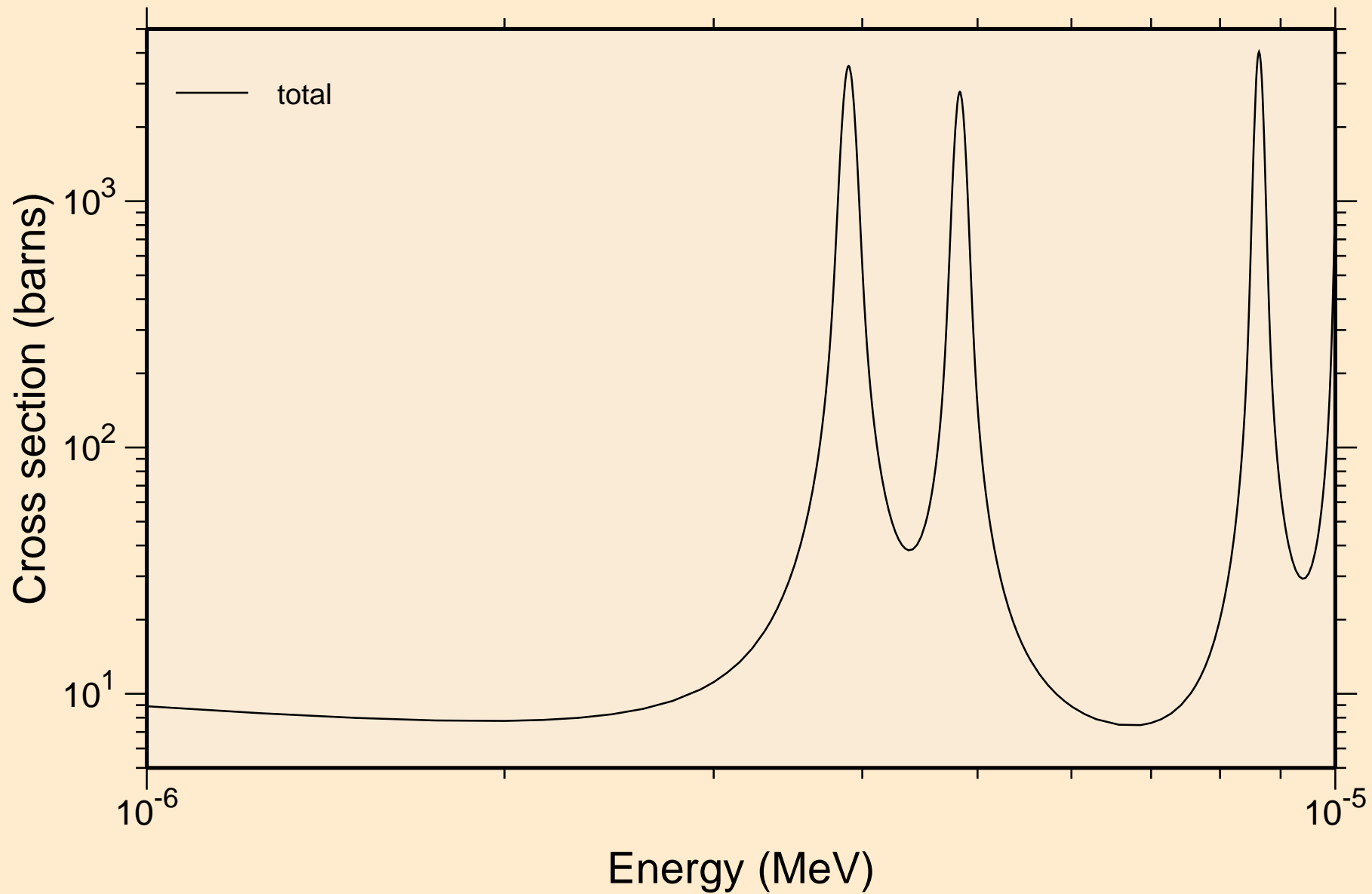


# HO159M NRG TENDL-2015, AKONING

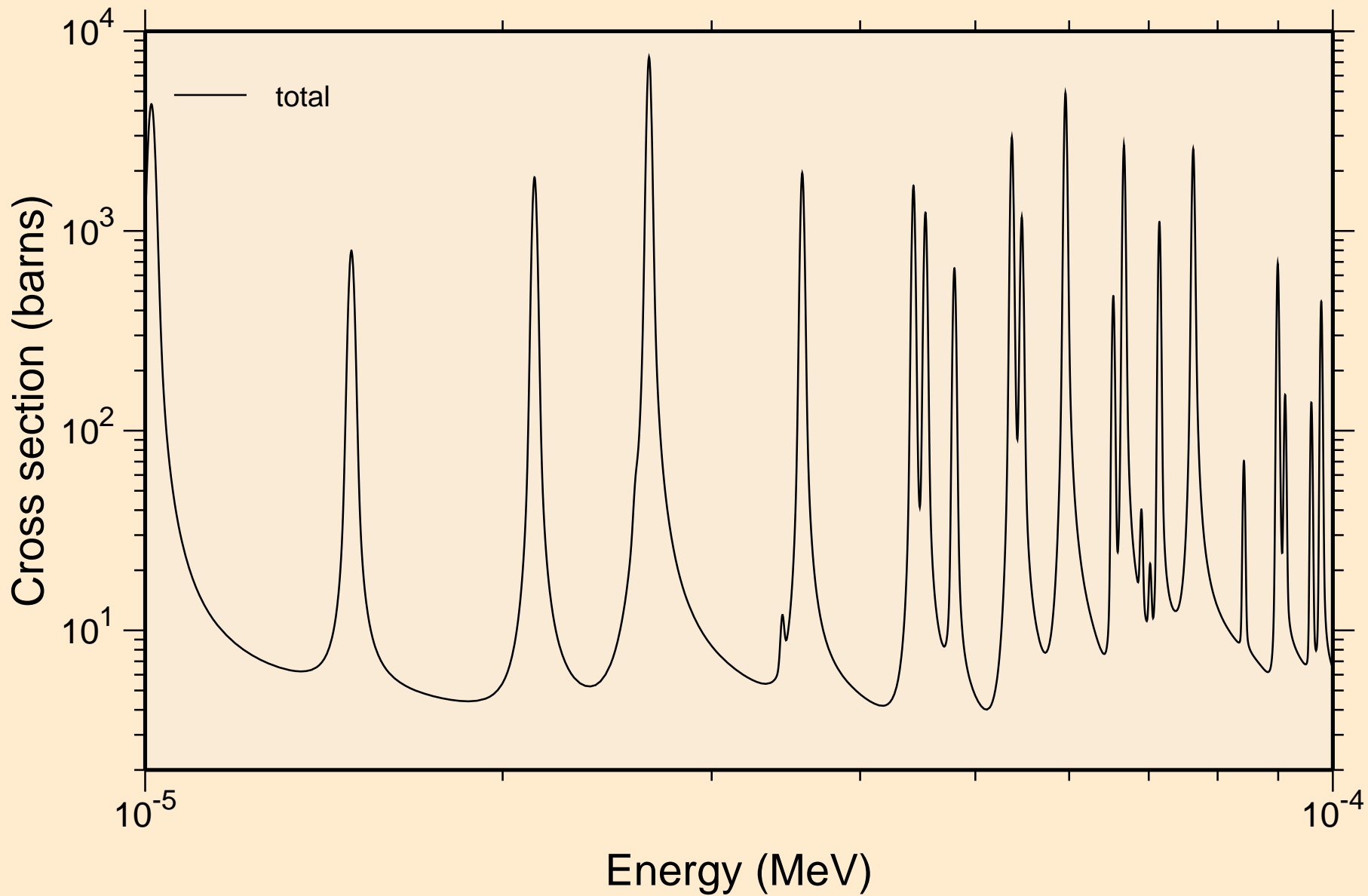
## Principal cross sections



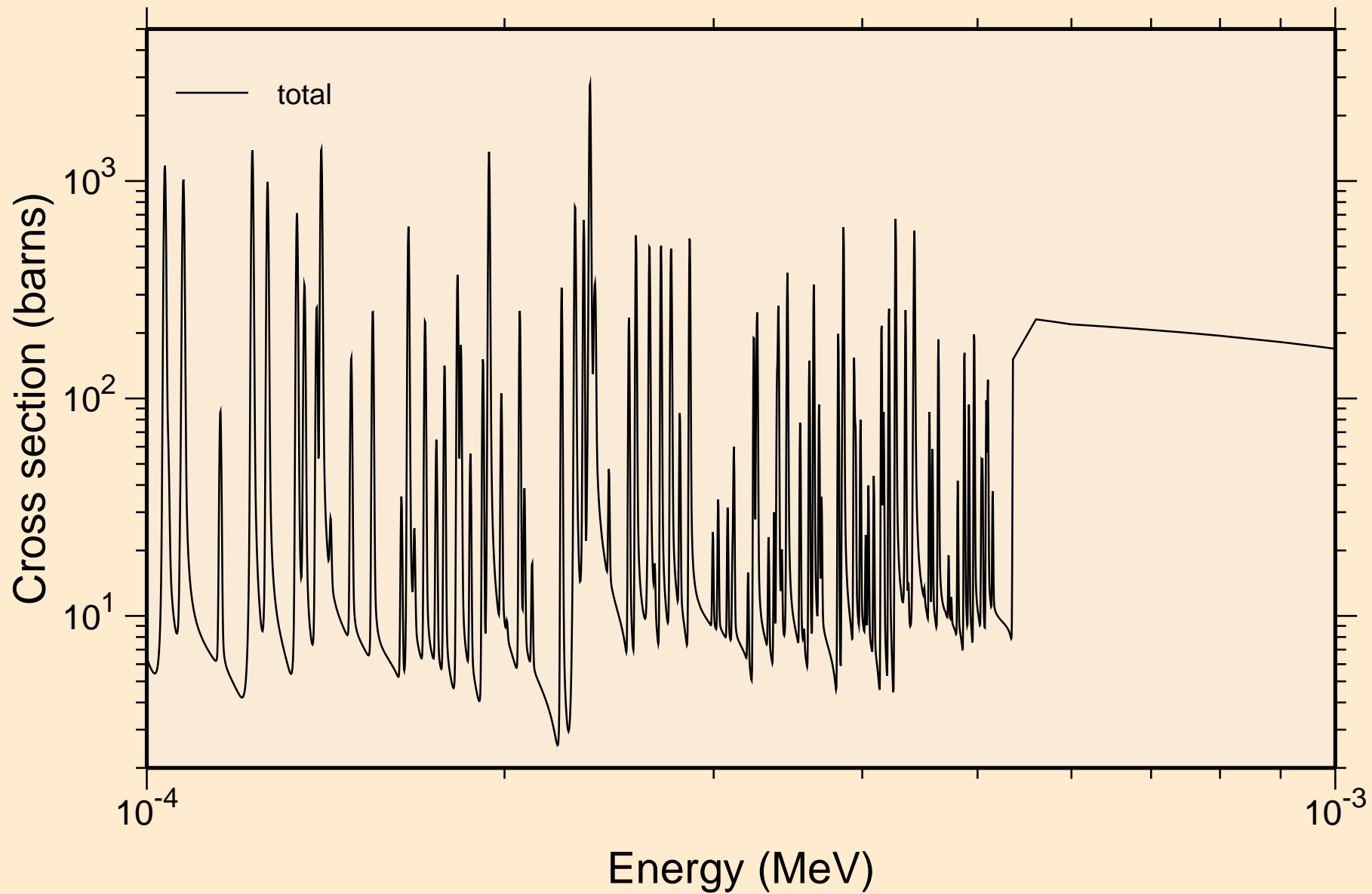
HO159M NRG TENDL-2015, AKONING  
resonance total cross section



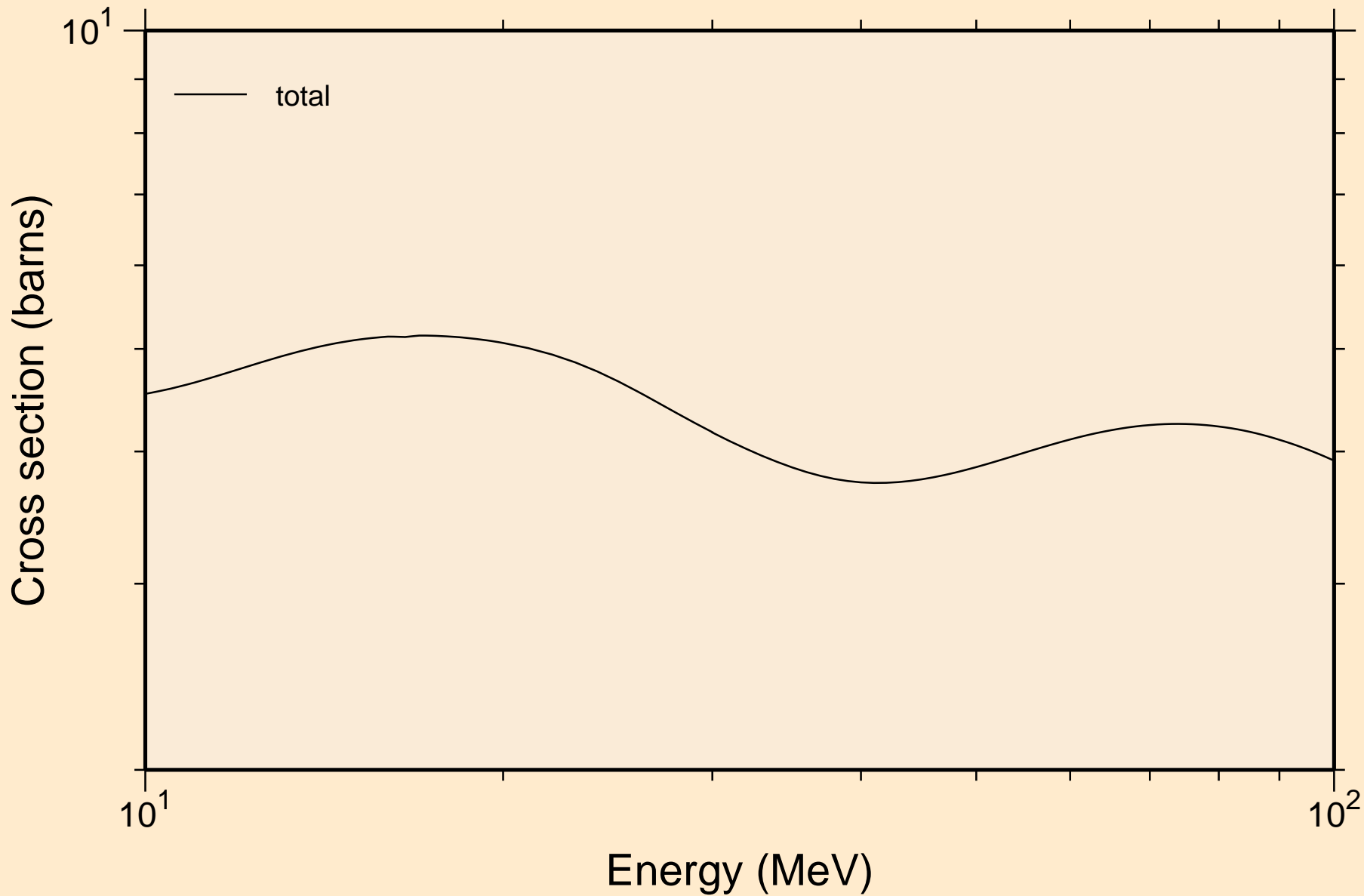
HO159M NRG TENDL-2015, AKONING  
resonance total cross section



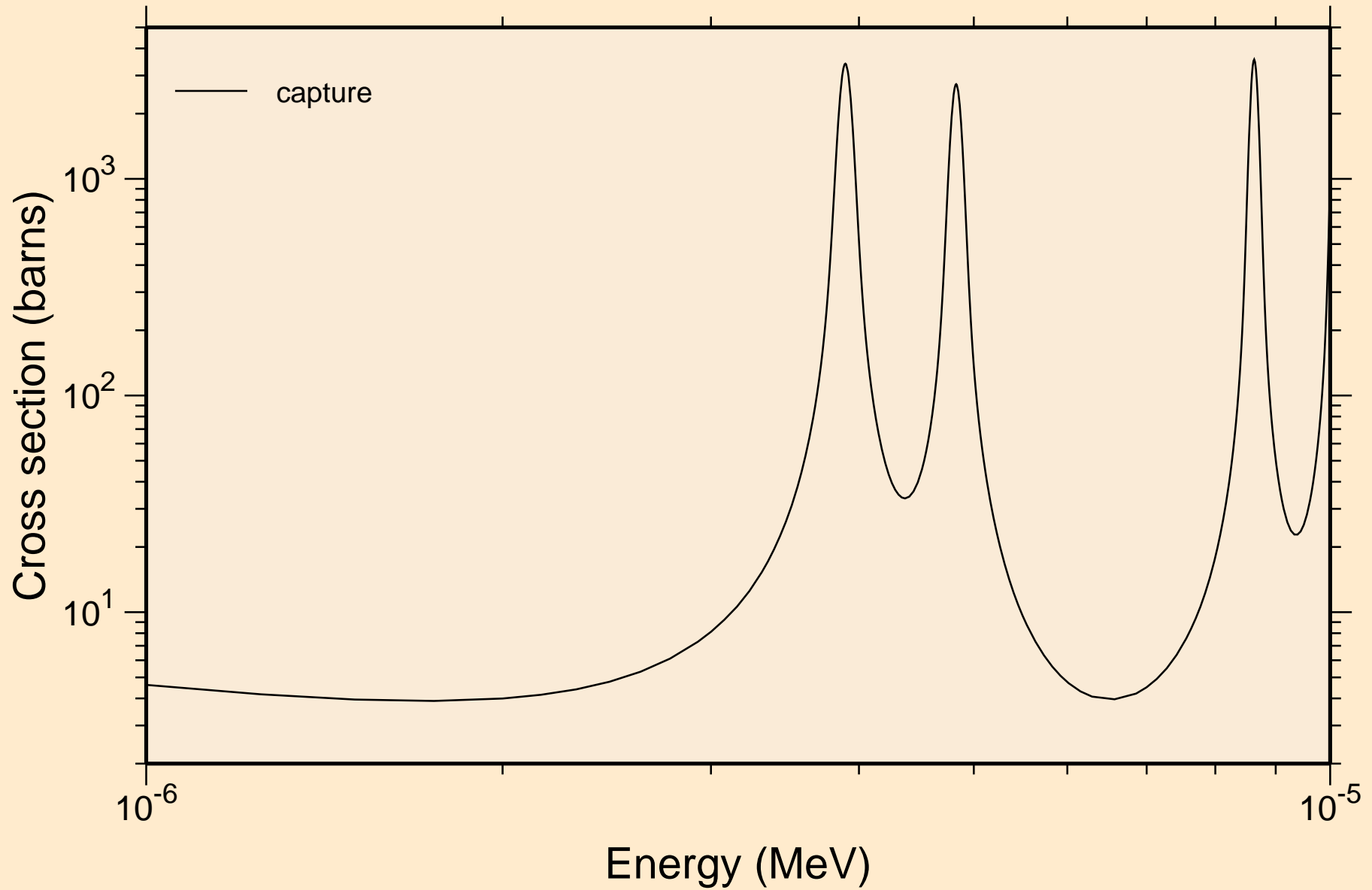
HO159M NRG TENDL-2015, AKONING  
resonance total cross section



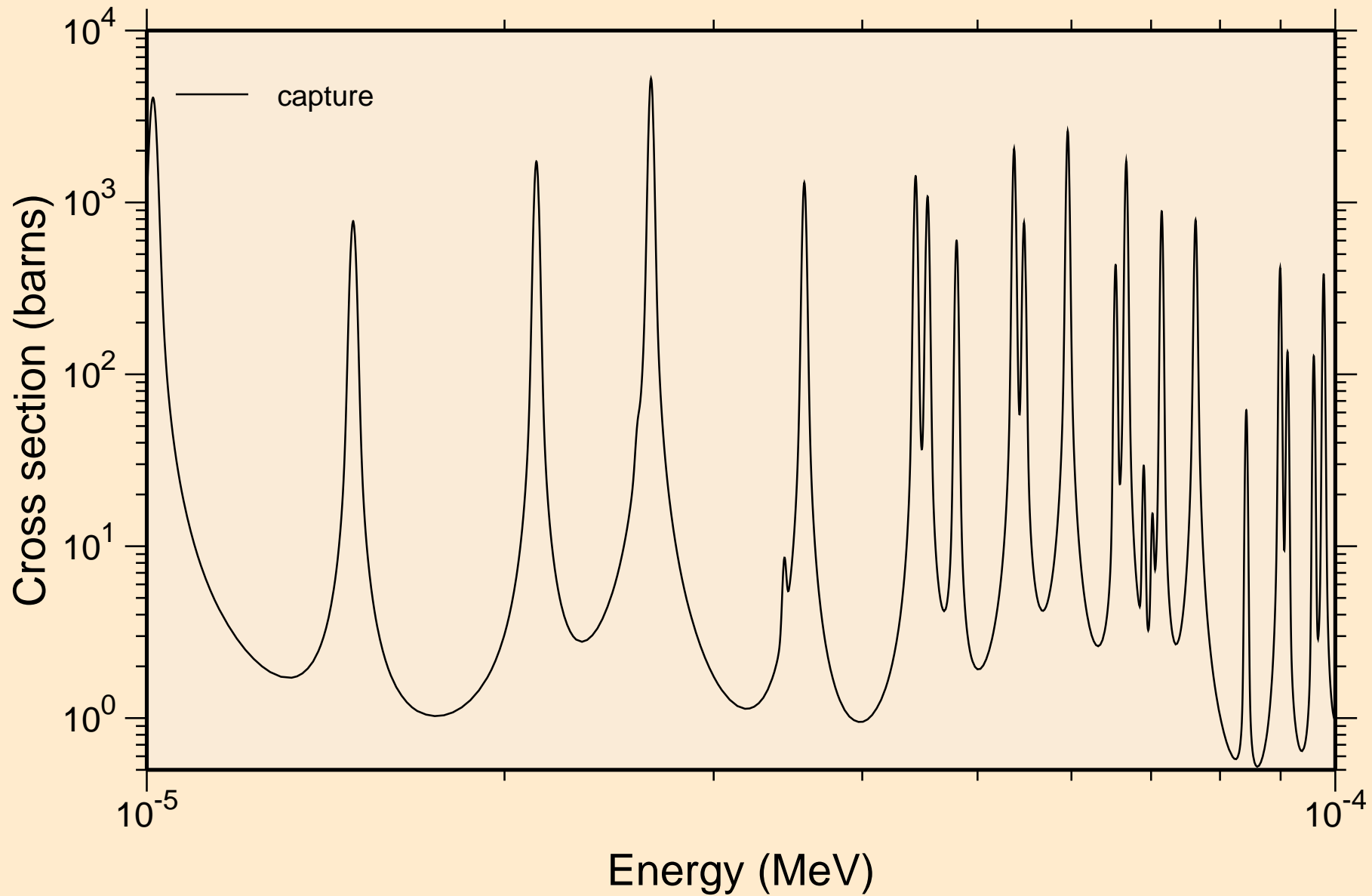
HO159M NRG TENDL-2015, AKONING  
resonance total cross section



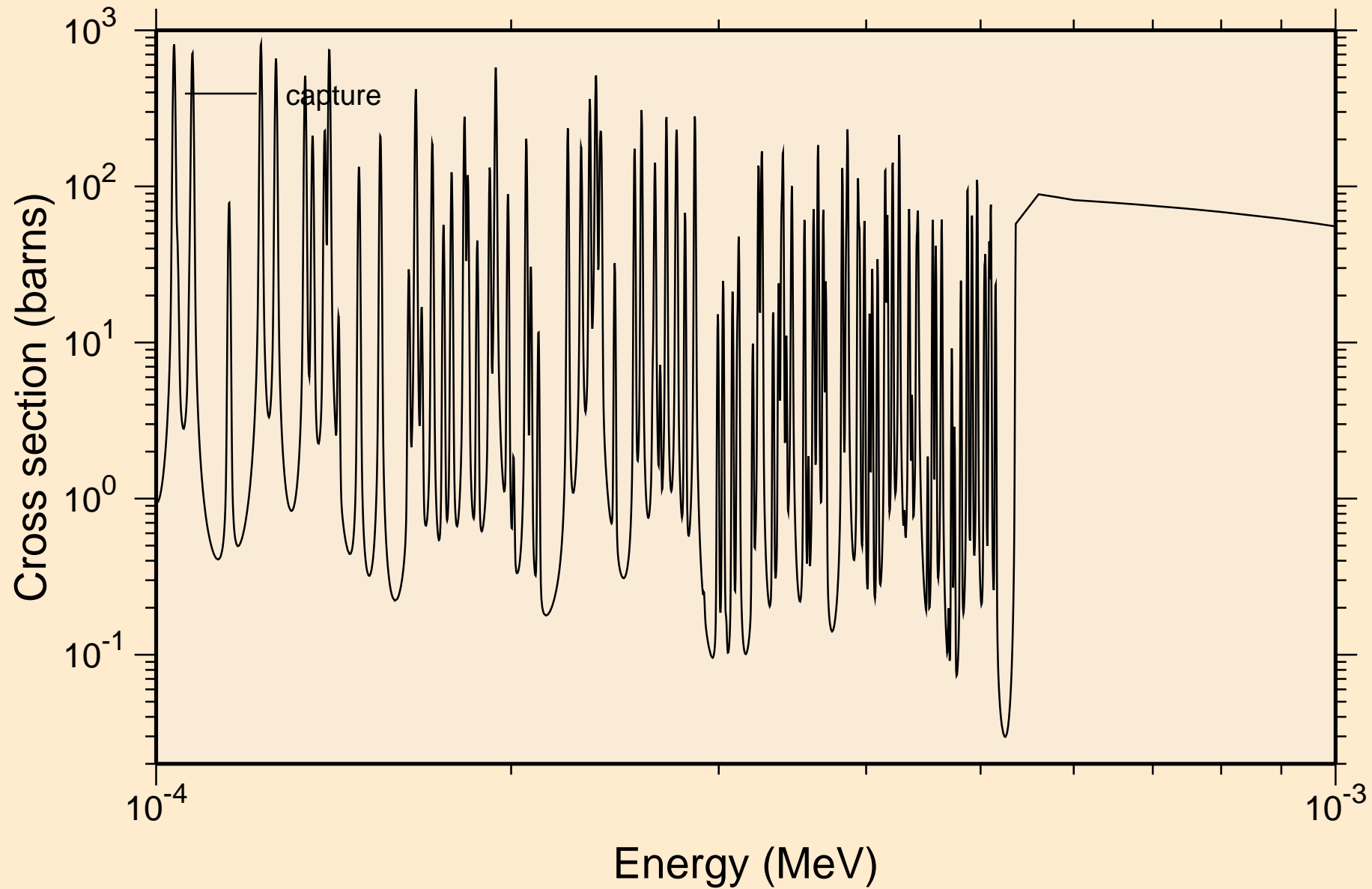
HO159M NRG TENDL-2015, AKONING  
resonance absorption cross sections



HO159M NRG TENDL-2015, AKONING  
resonance absorption cross sections

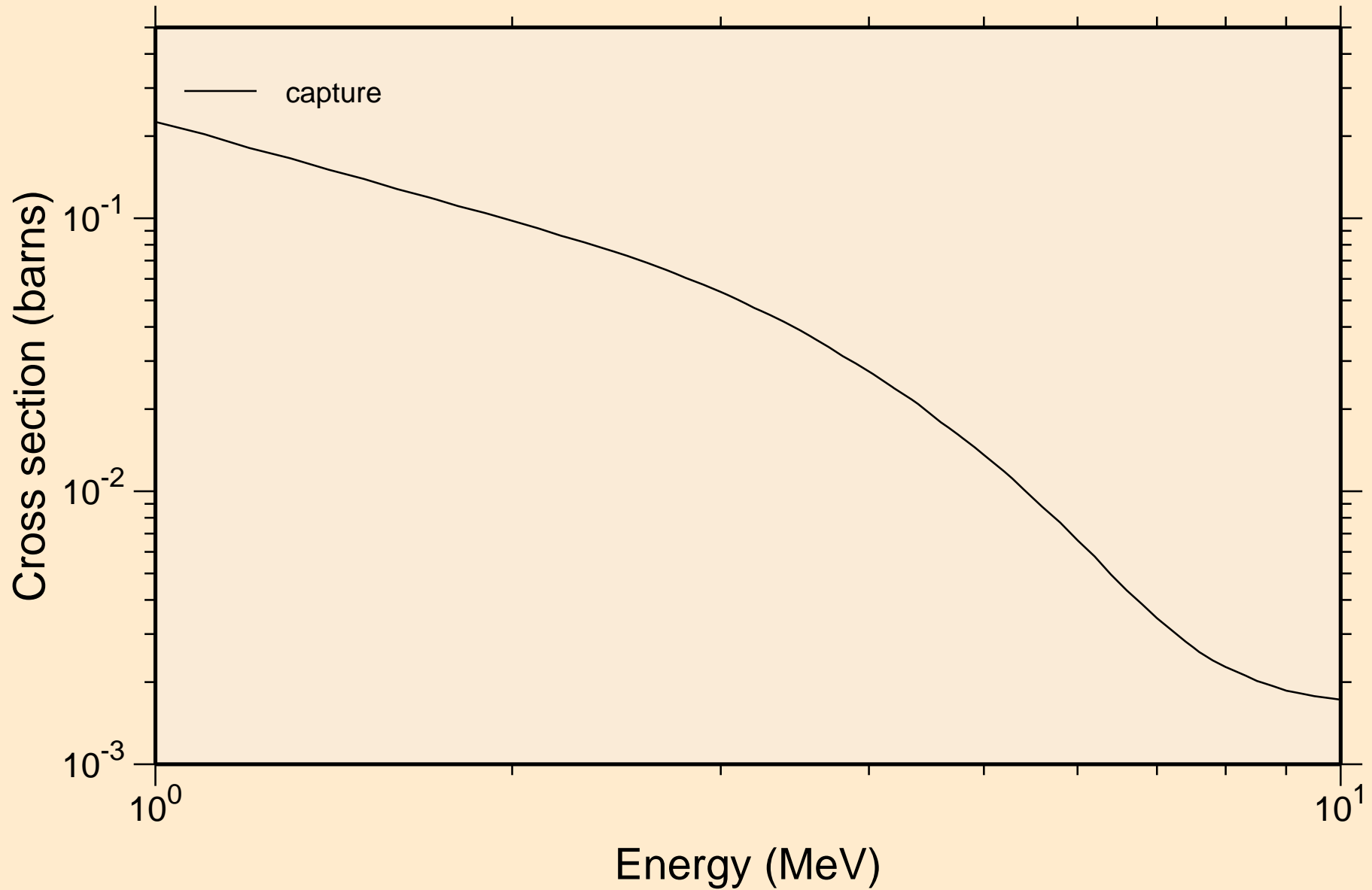


HO159M NRG TENDL-2015, AKONING  
resonance absorption cross sections



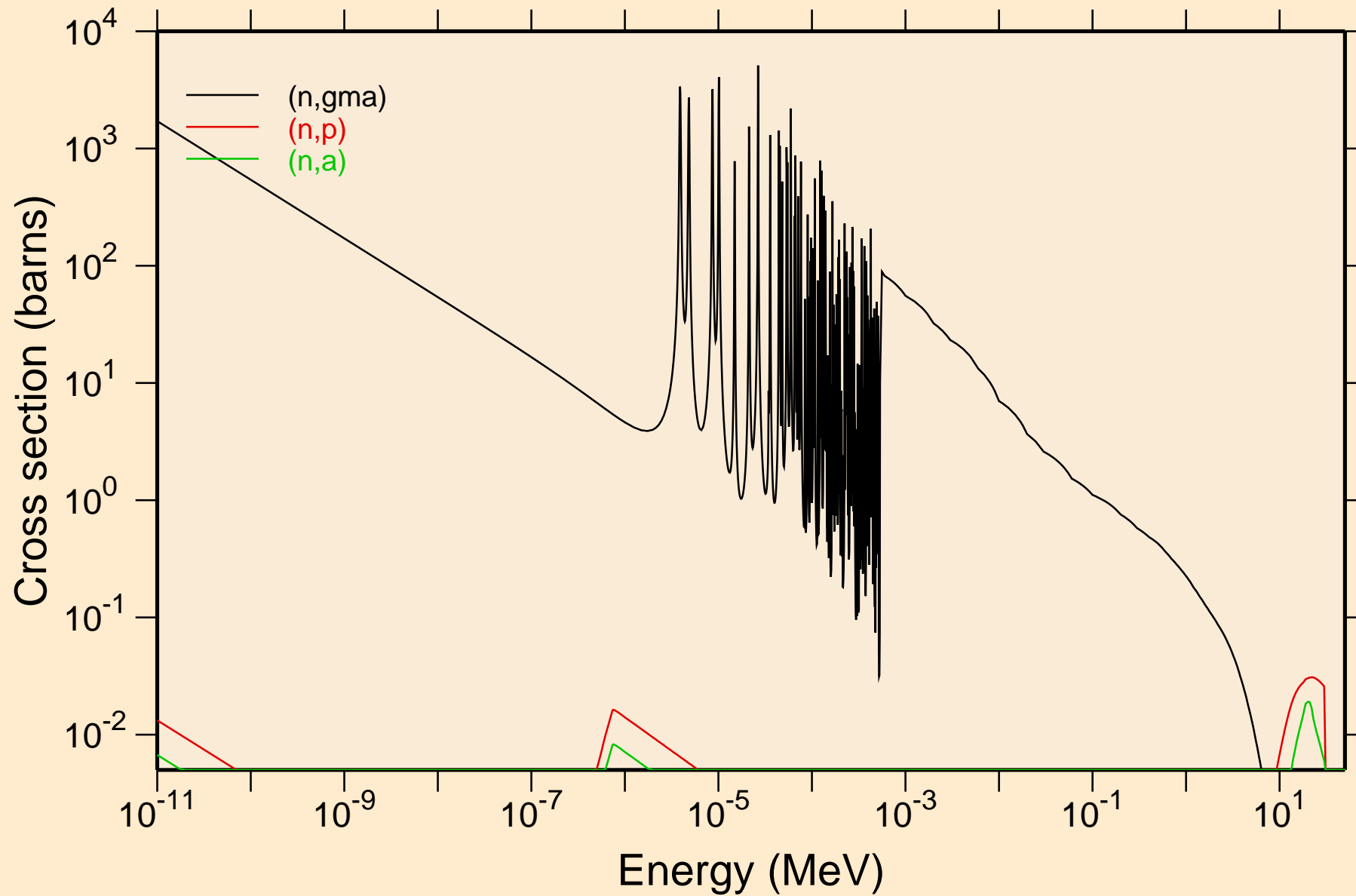


HO159M NRG TENDL-2015, AKONING  
resonance absorption cross sections



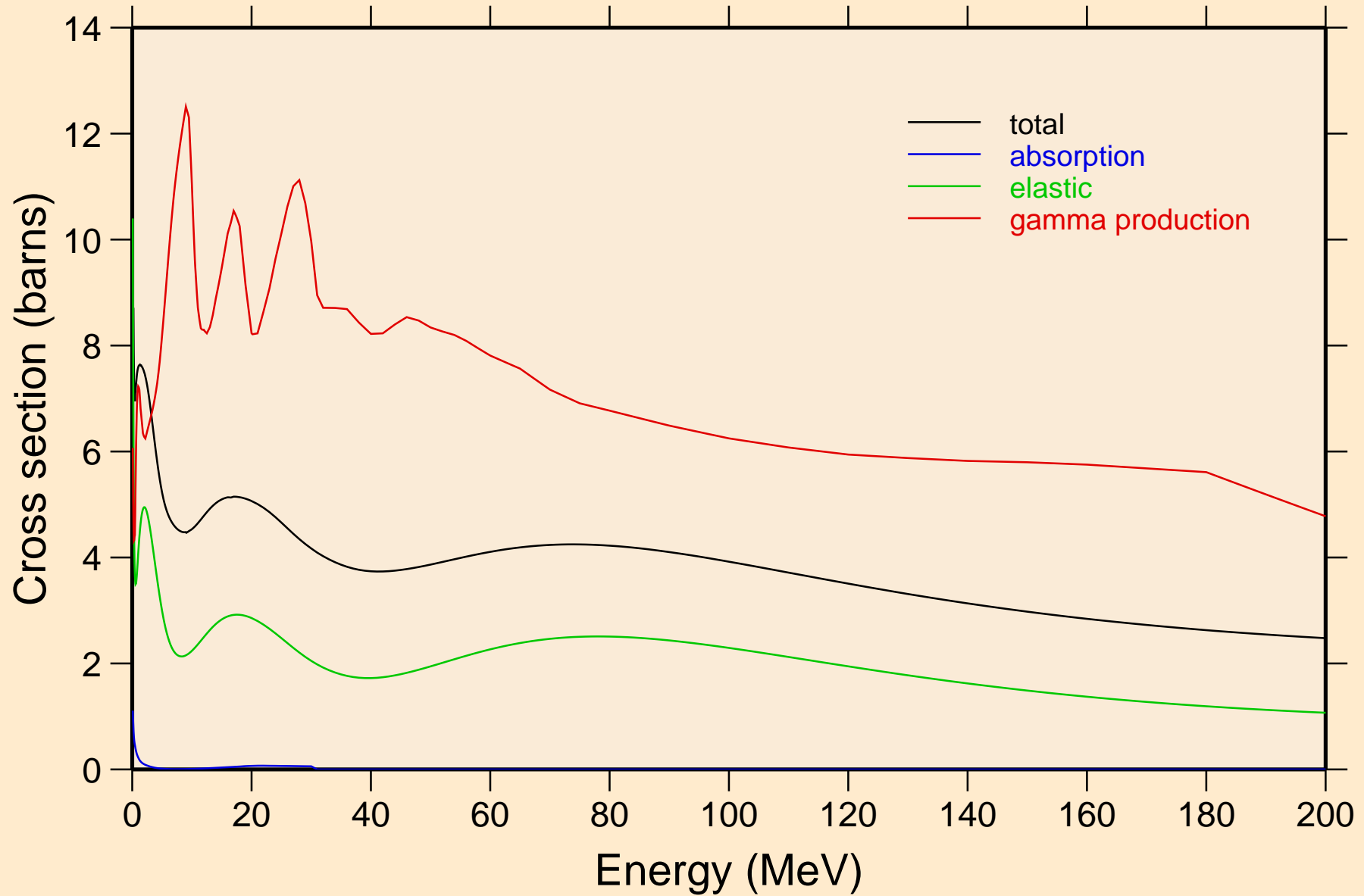
# HO159M NRG TENDL-2015, AKONING

## Non-threshold reactions



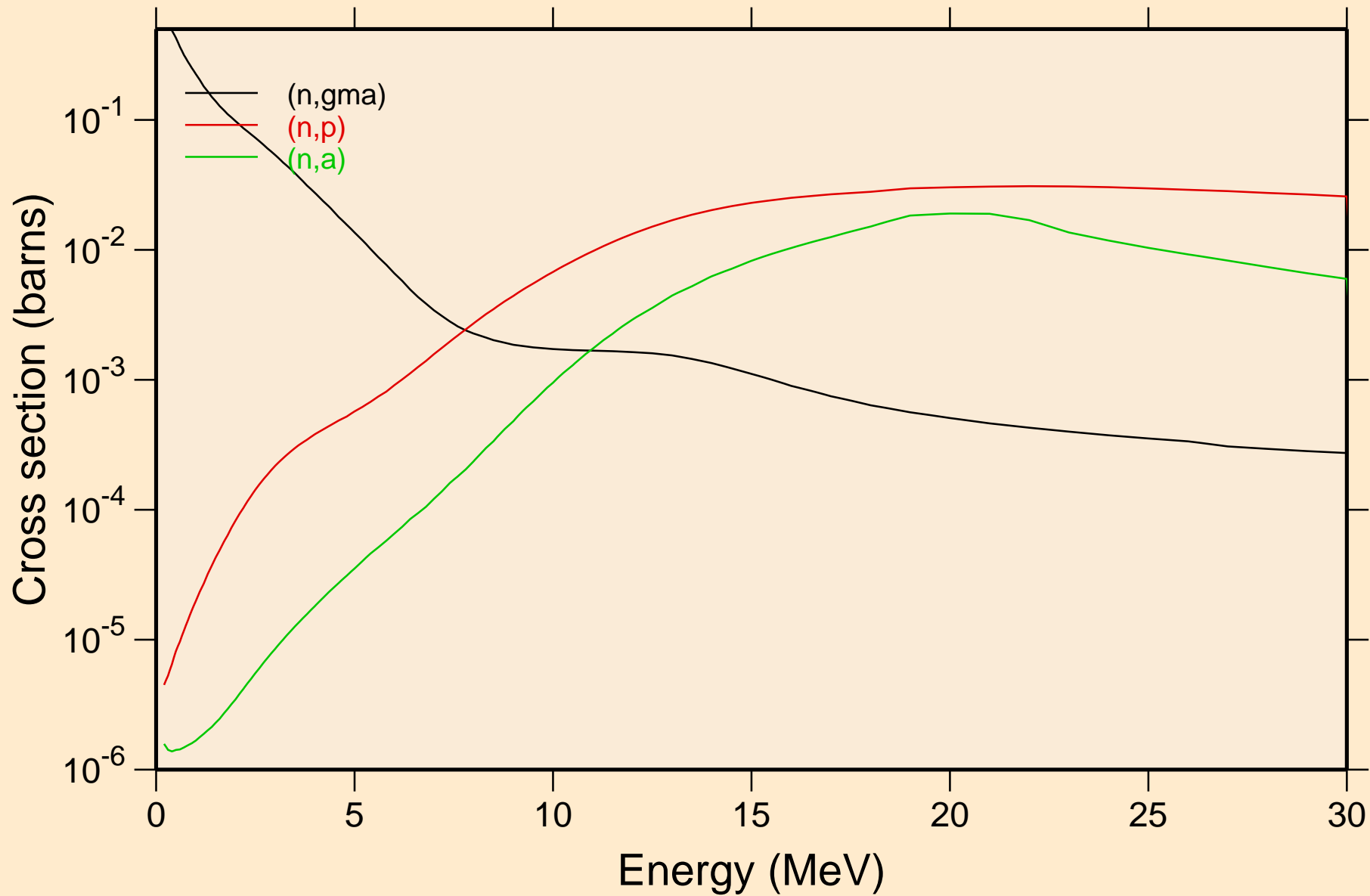
# HO159M NRG TENDL-2015, AKONING

## Principal cross sections



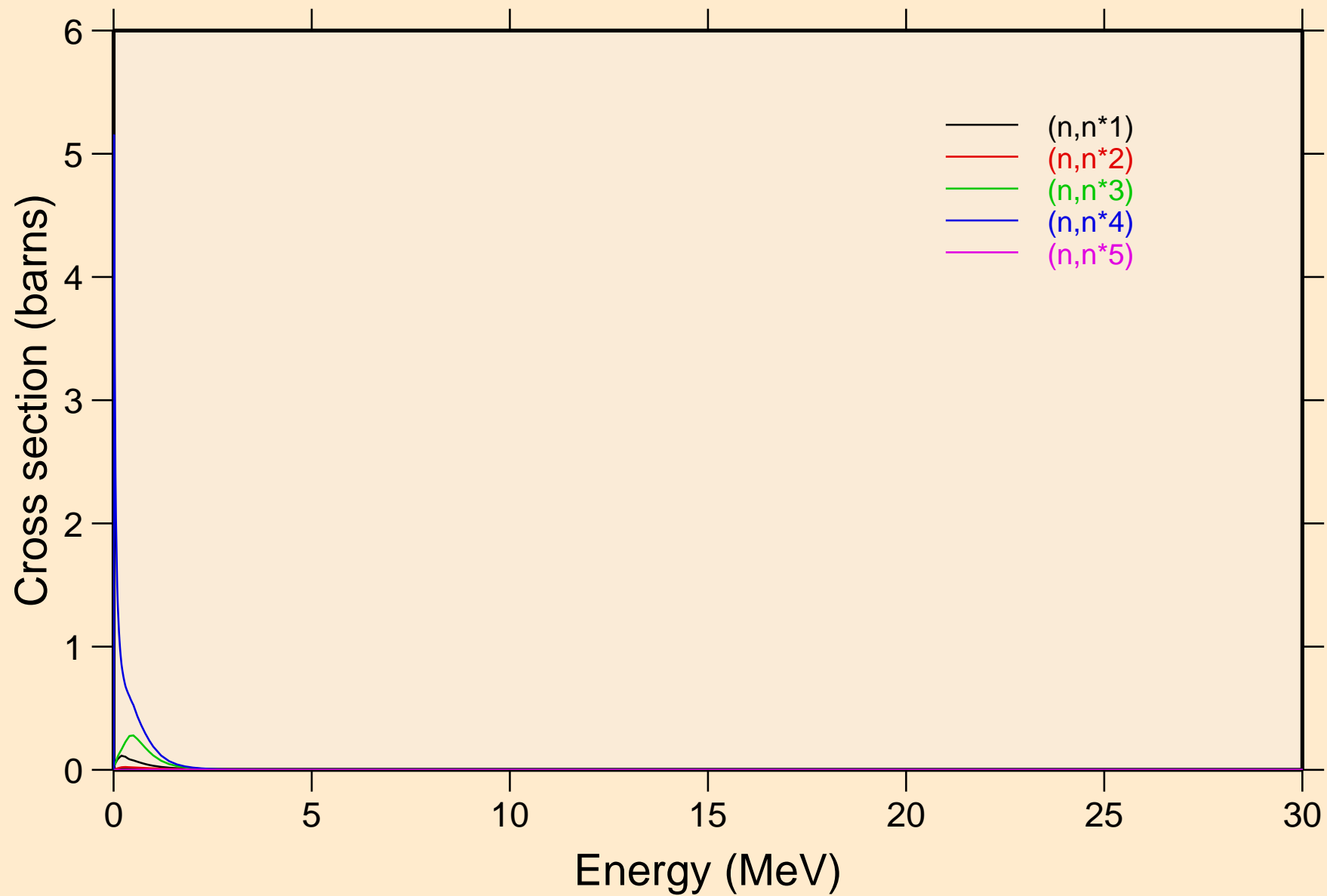
# HO159M NRG TENDL-2015, AKONING

## Non-threshold reactions



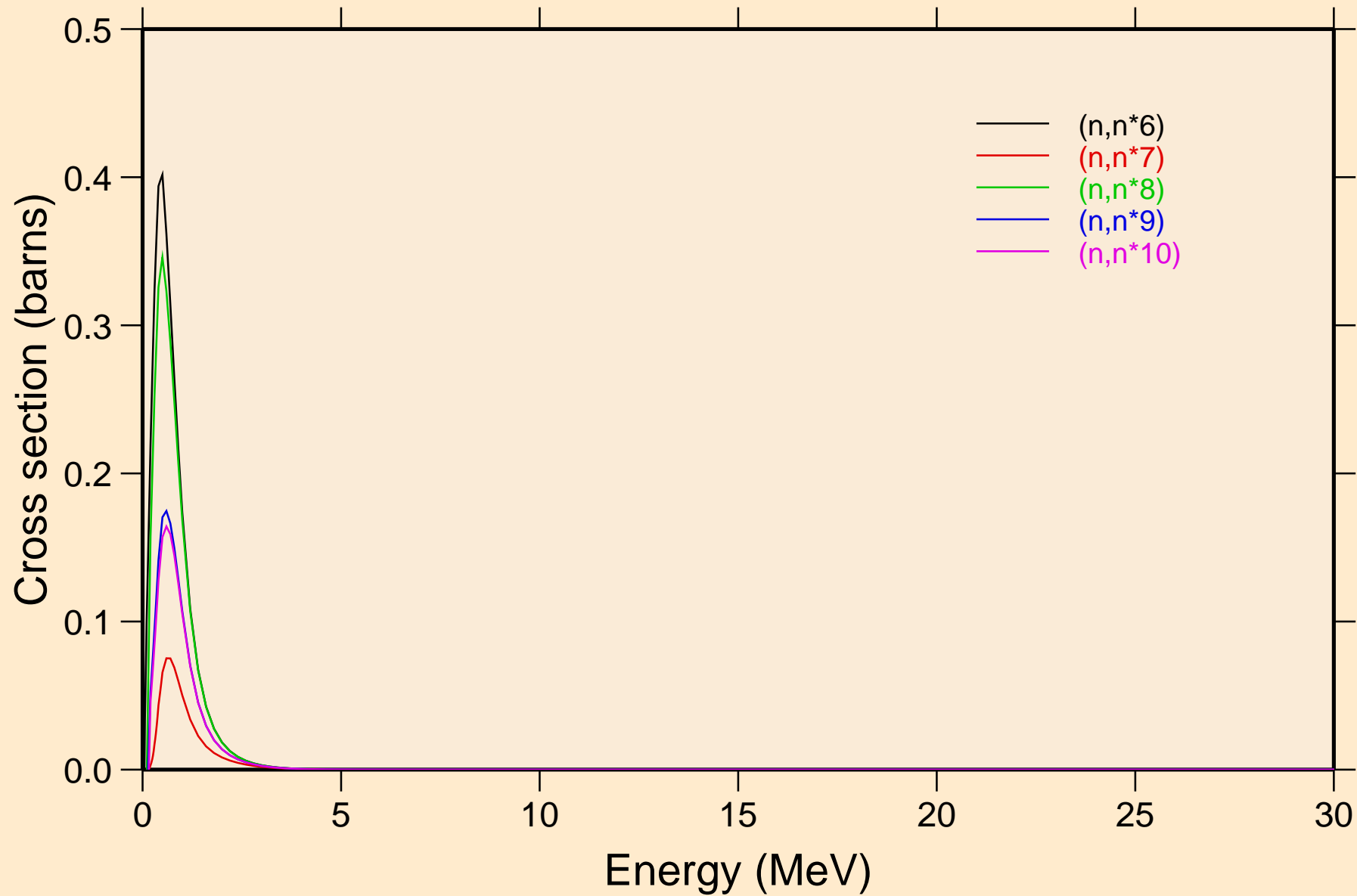
# HO159M NRG TENDL-2015, AKONING

## Inelastic levels



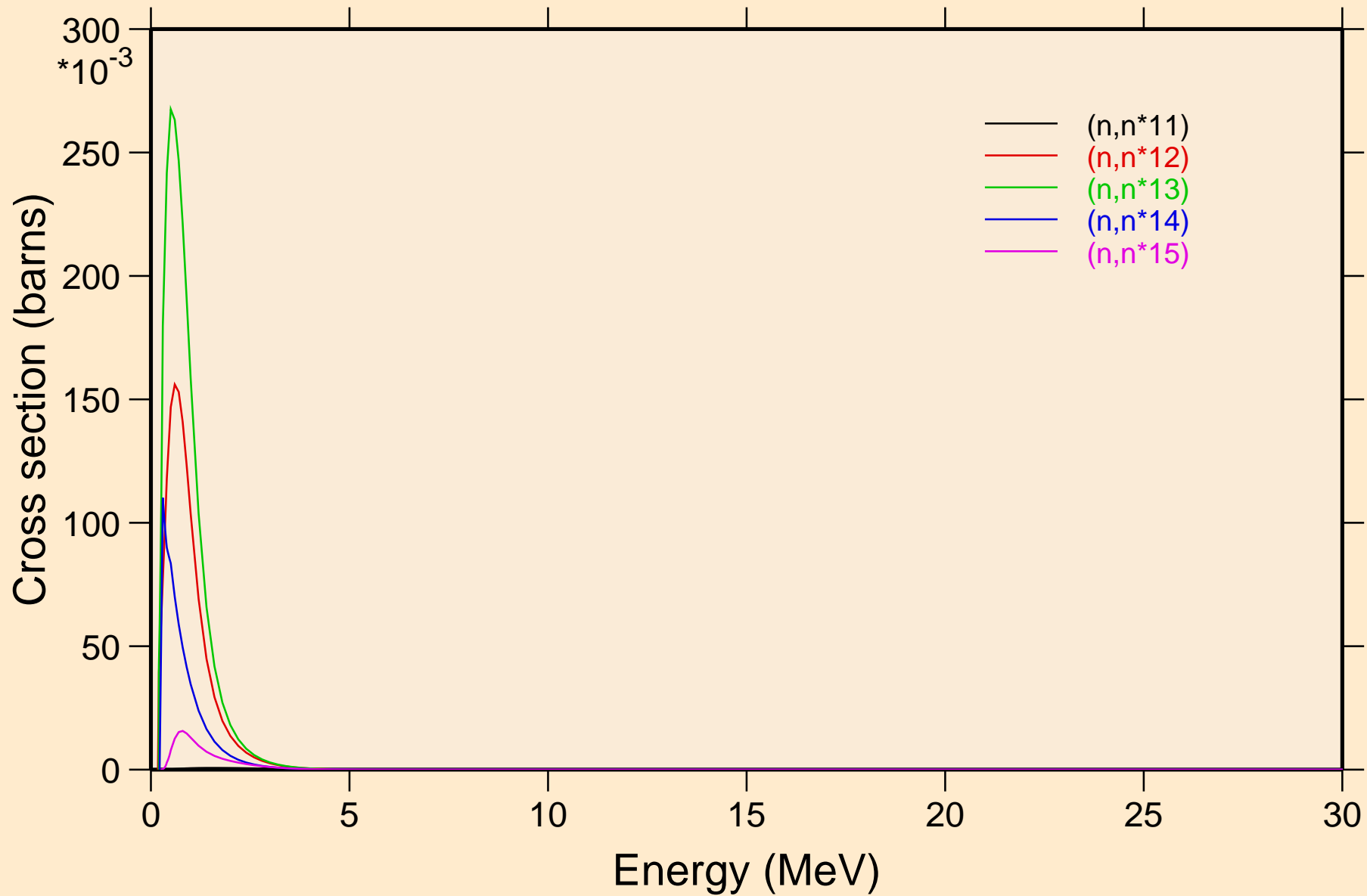
# HO159M NRG TENDL-2015, AKONING

## Inelastic levels



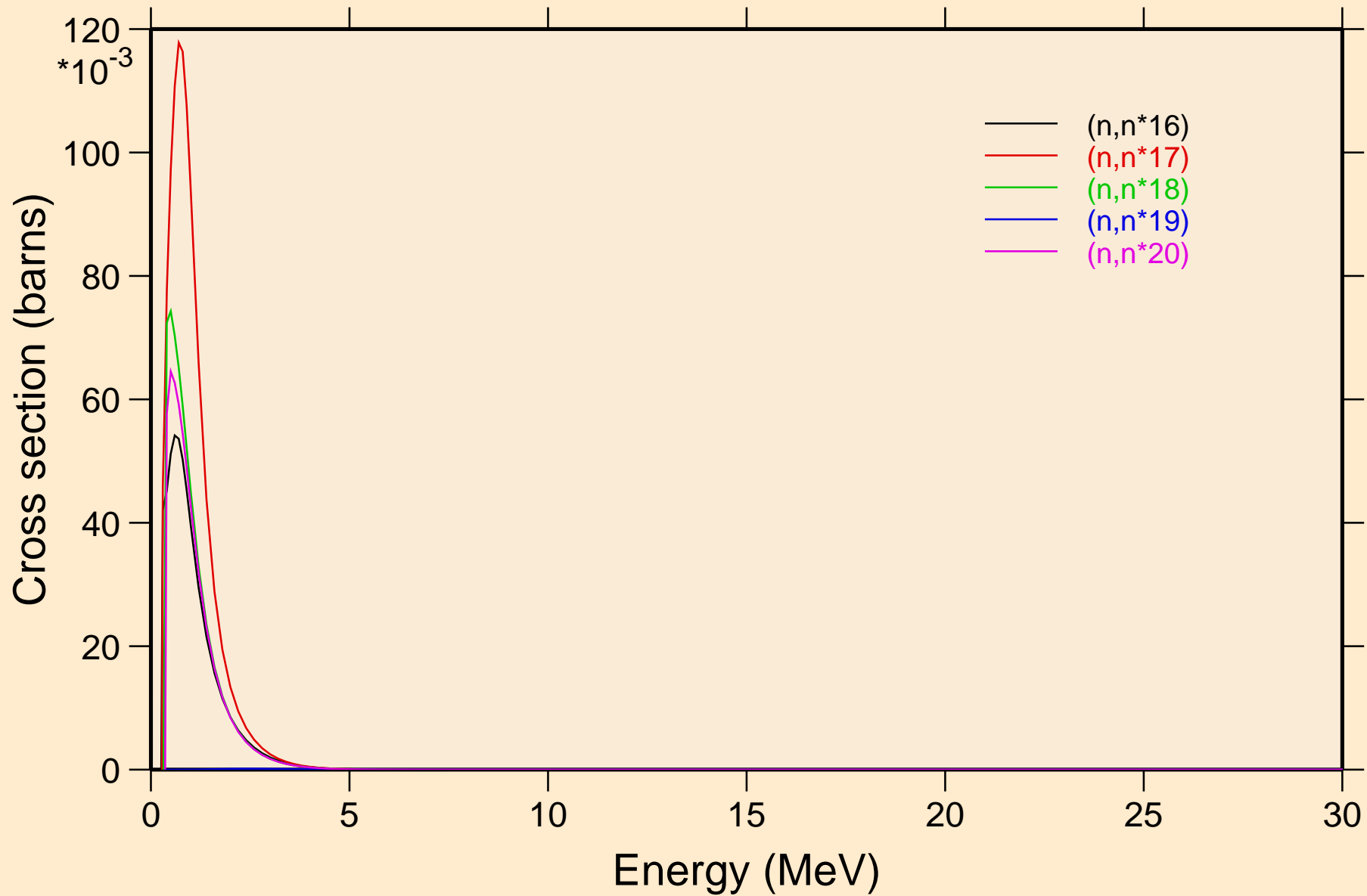
# HO159M NRG TENDL-2015, AKONING

## Inelastic levels



# HO159M NRG TENDL-2015, AKONING

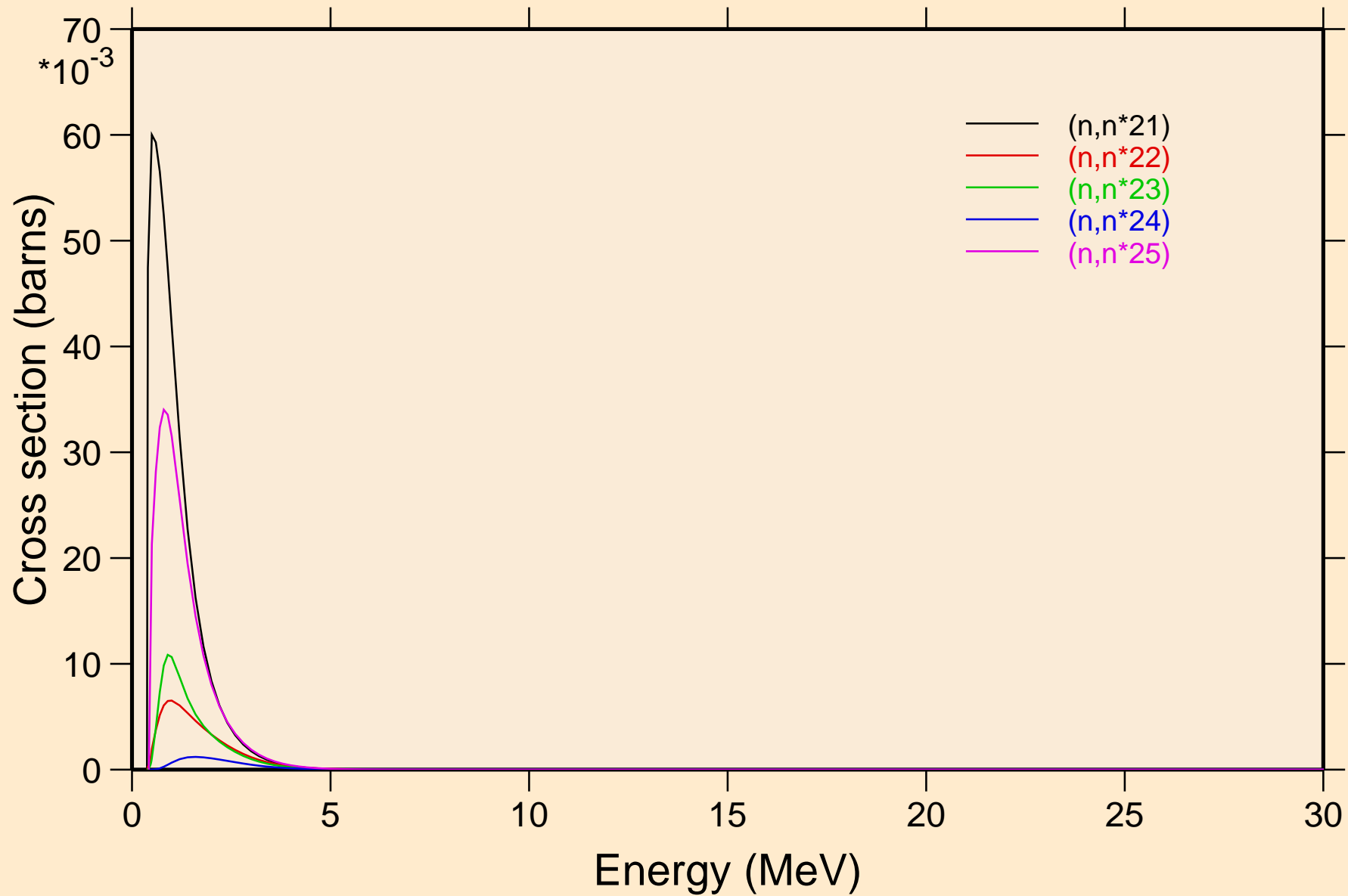
## Inelastic levels





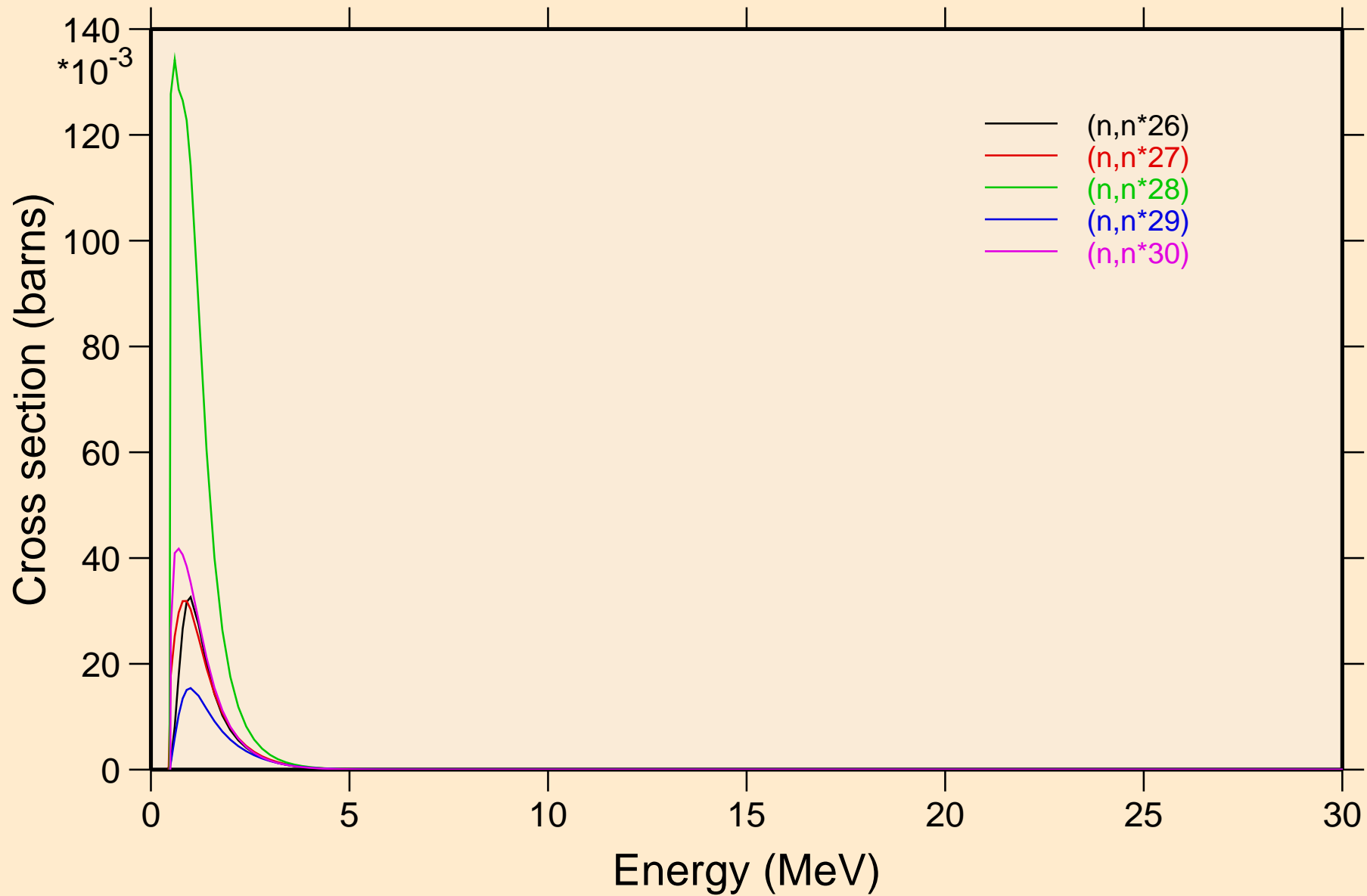
# HO159M NRG TENDL-2015, AKONING

## Inelastic levels



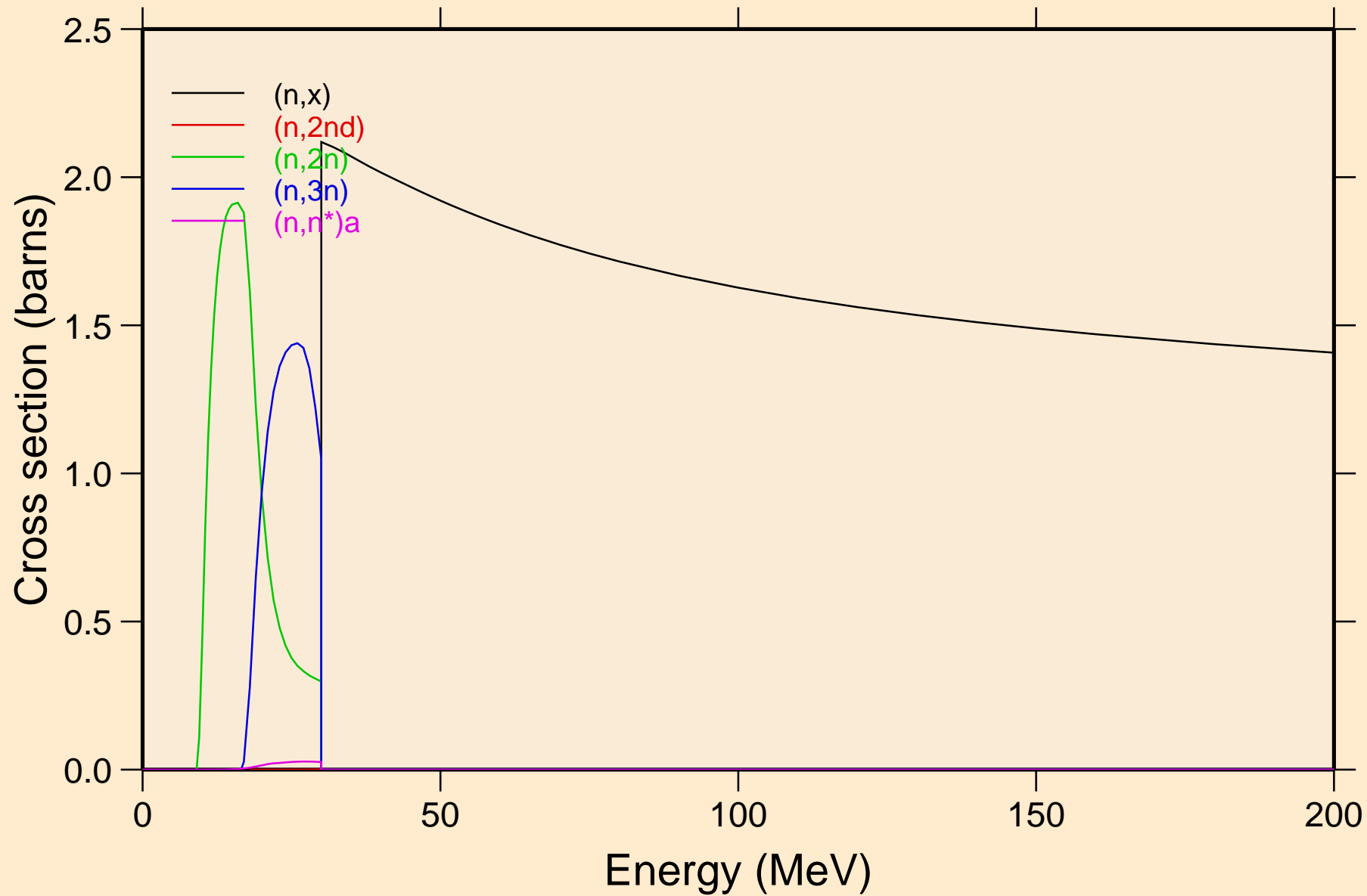
# HO159M NRG TENDL-2015, AKONING

## Inelastic levels



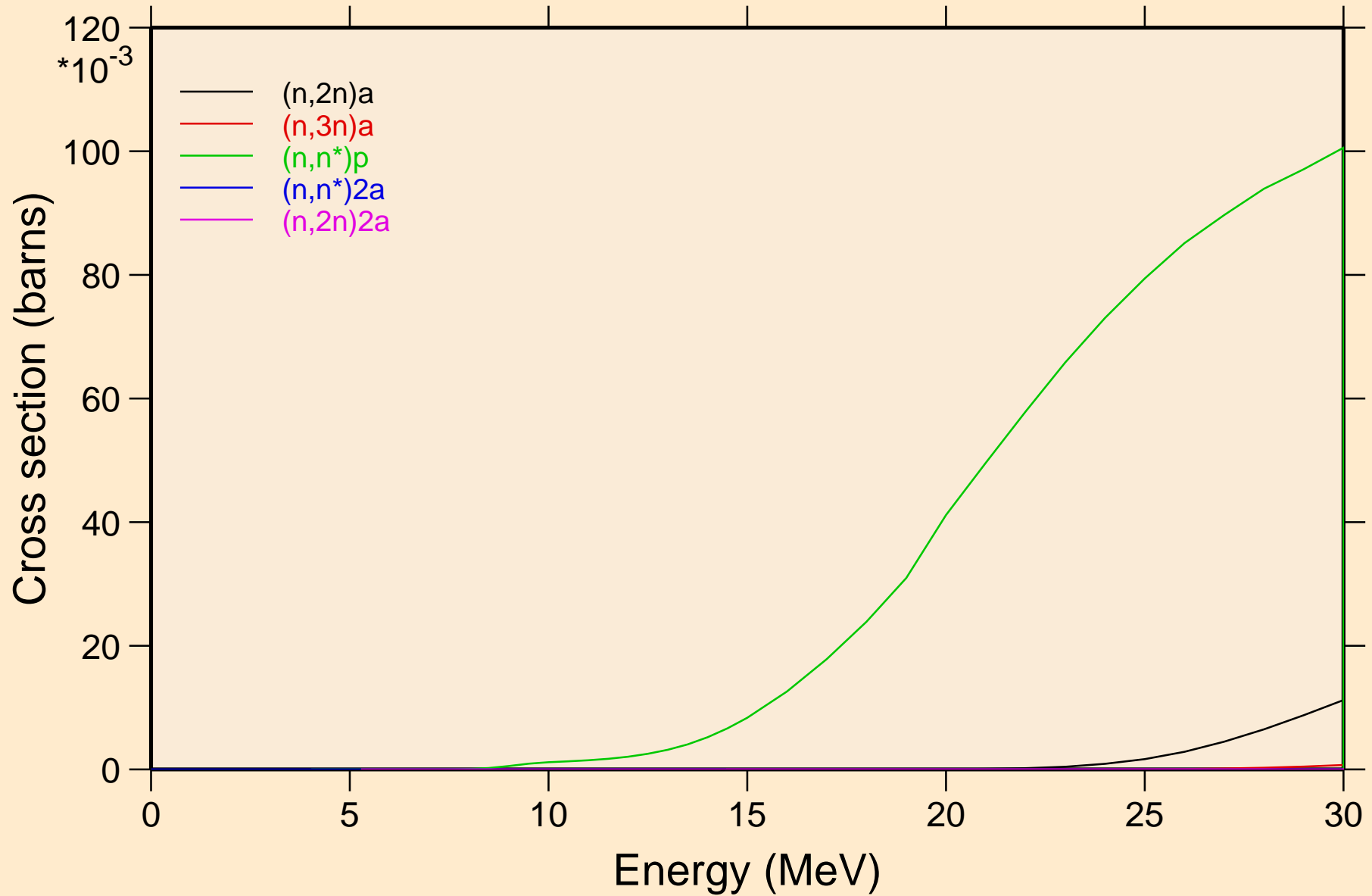
# HO159M NRG TENDL-2015, AKONING

## Threshold reactions



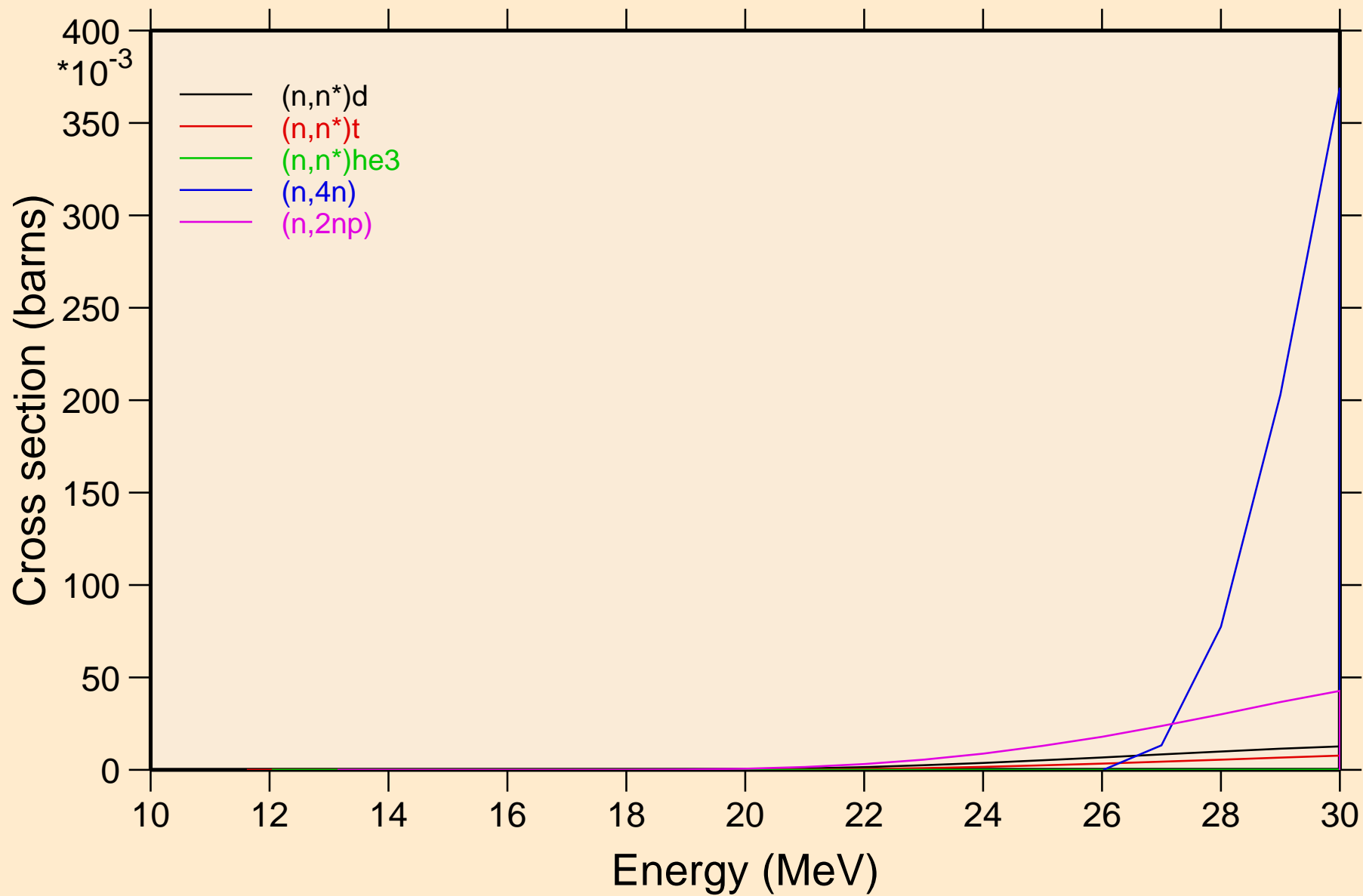
# HO159M NRG TENDL-2015, AKONING

## Threshold reactions



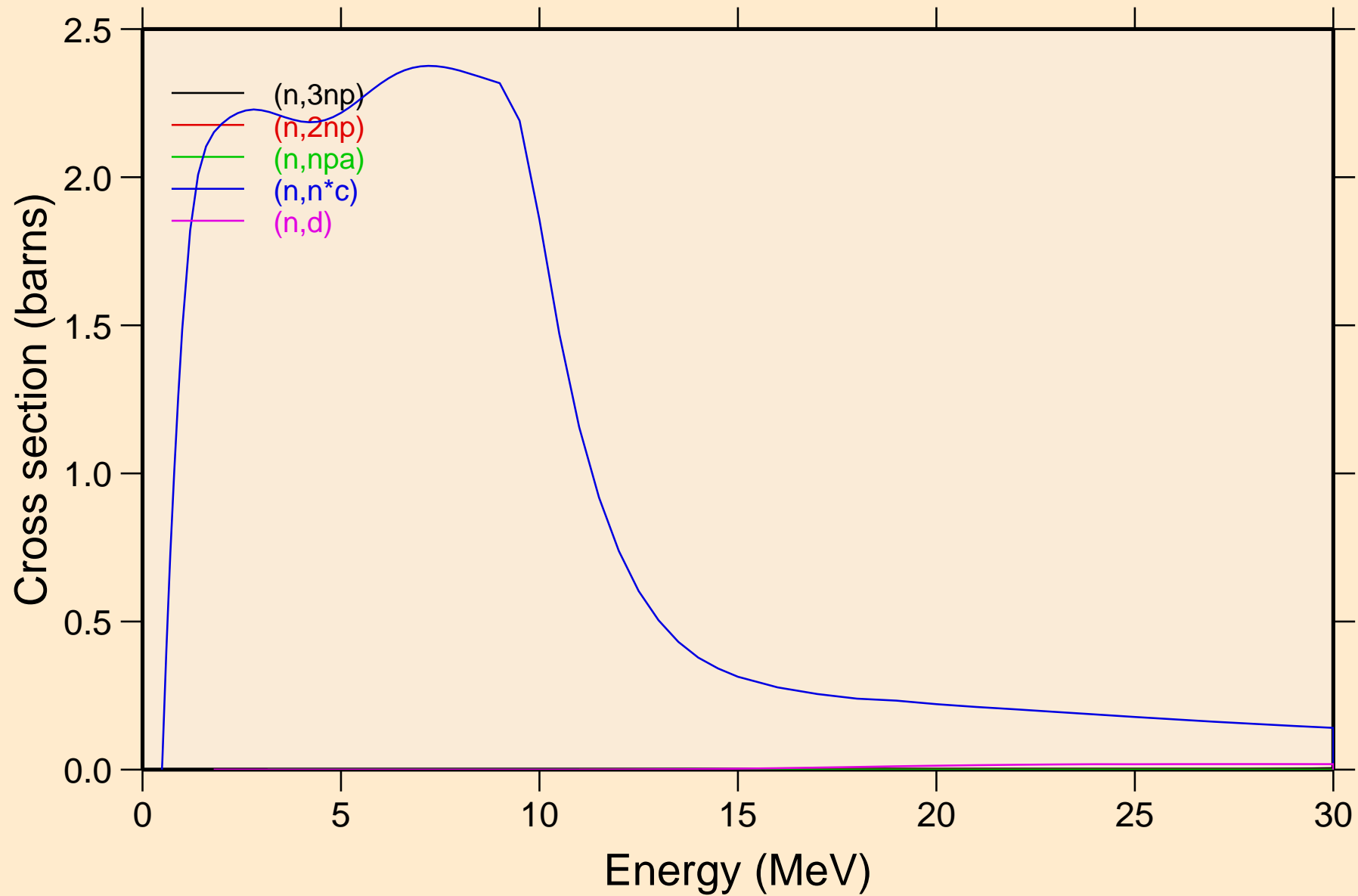
# HO159M NRG TENDL-2015, AKONING

## Threshold reactions



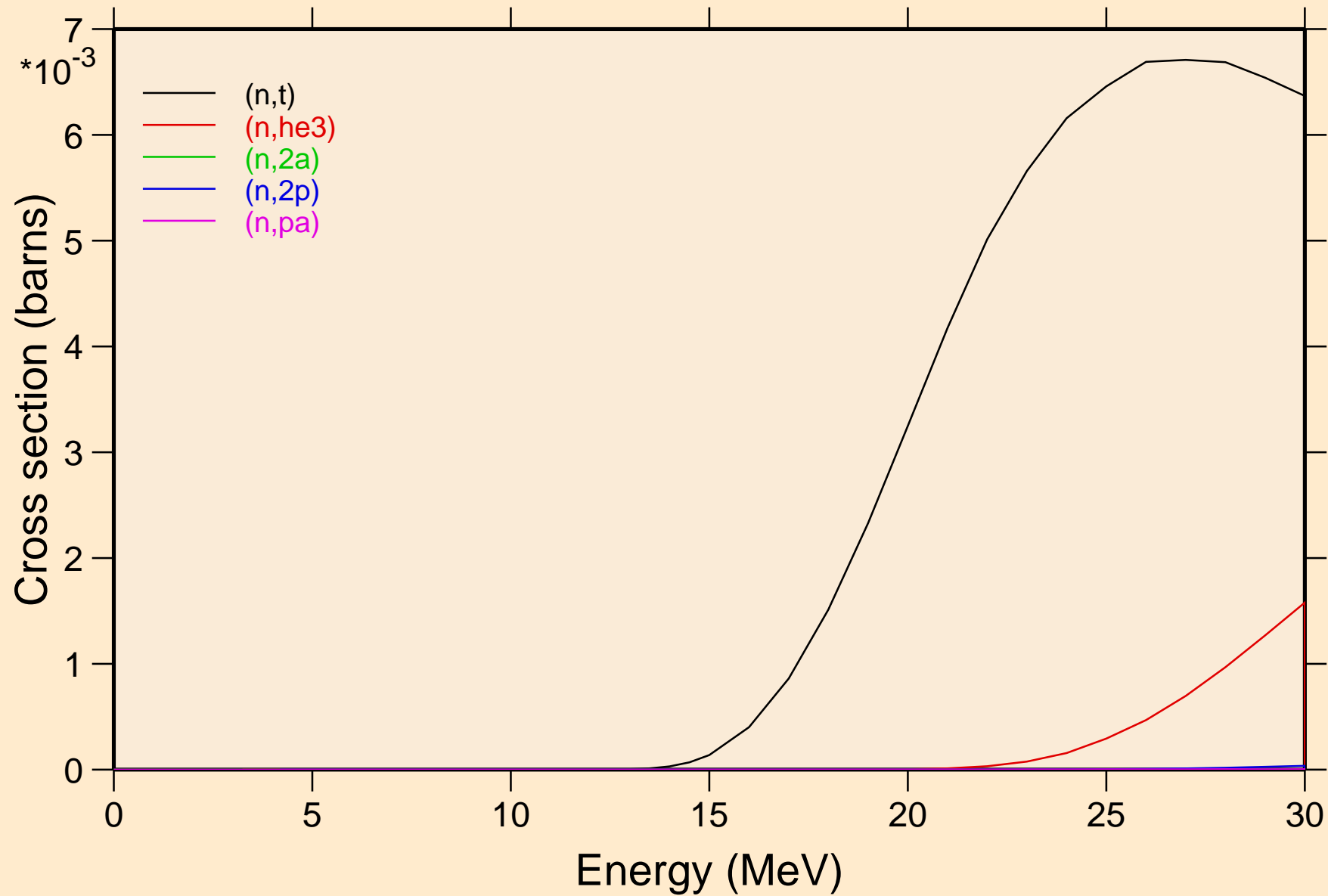
# HO159M NRG TENDL-2015, AKONING

## Threshold reactions



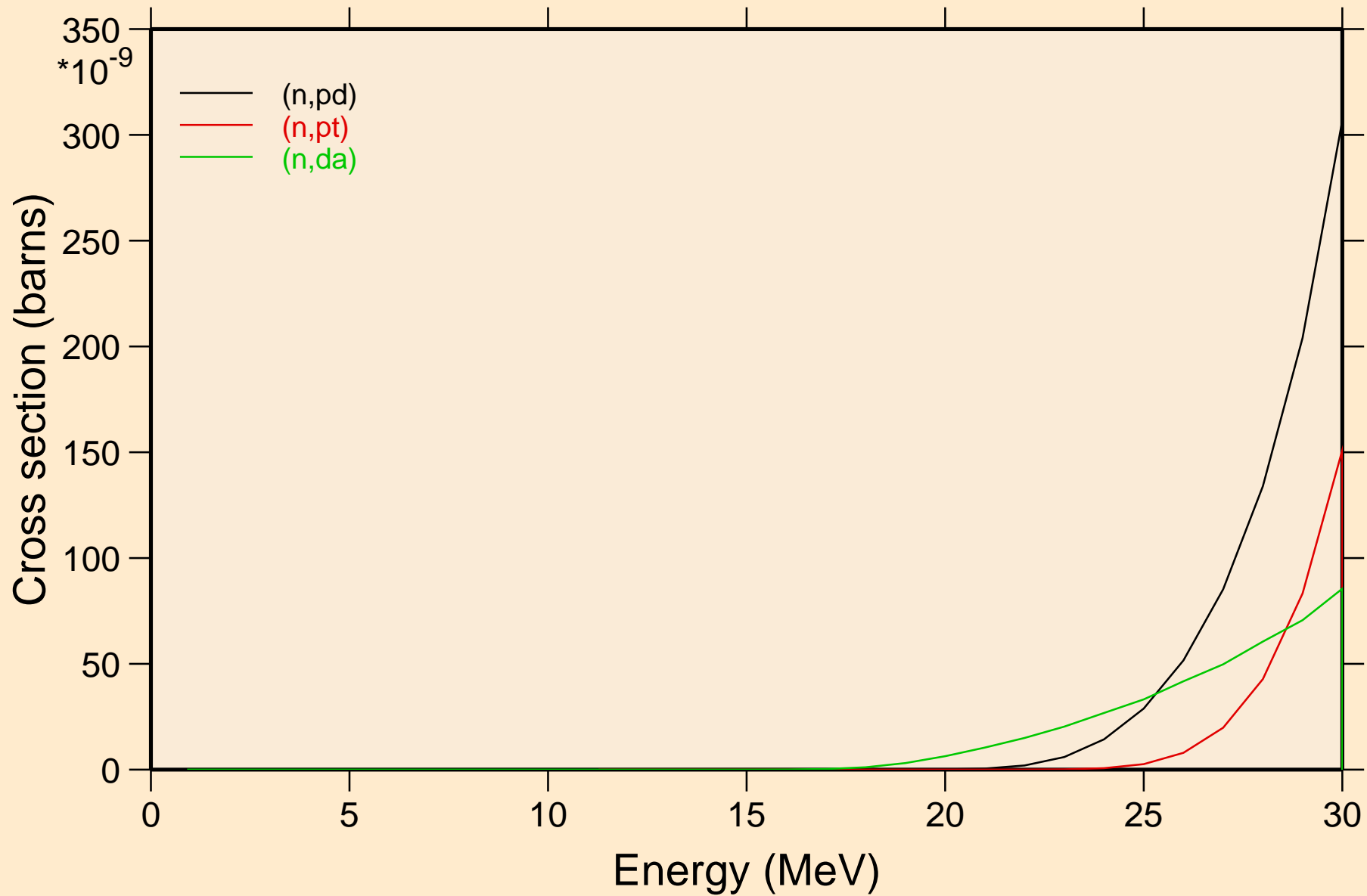
# HO159M NRG TENDL-2015, AKONING

## Threshold reactions



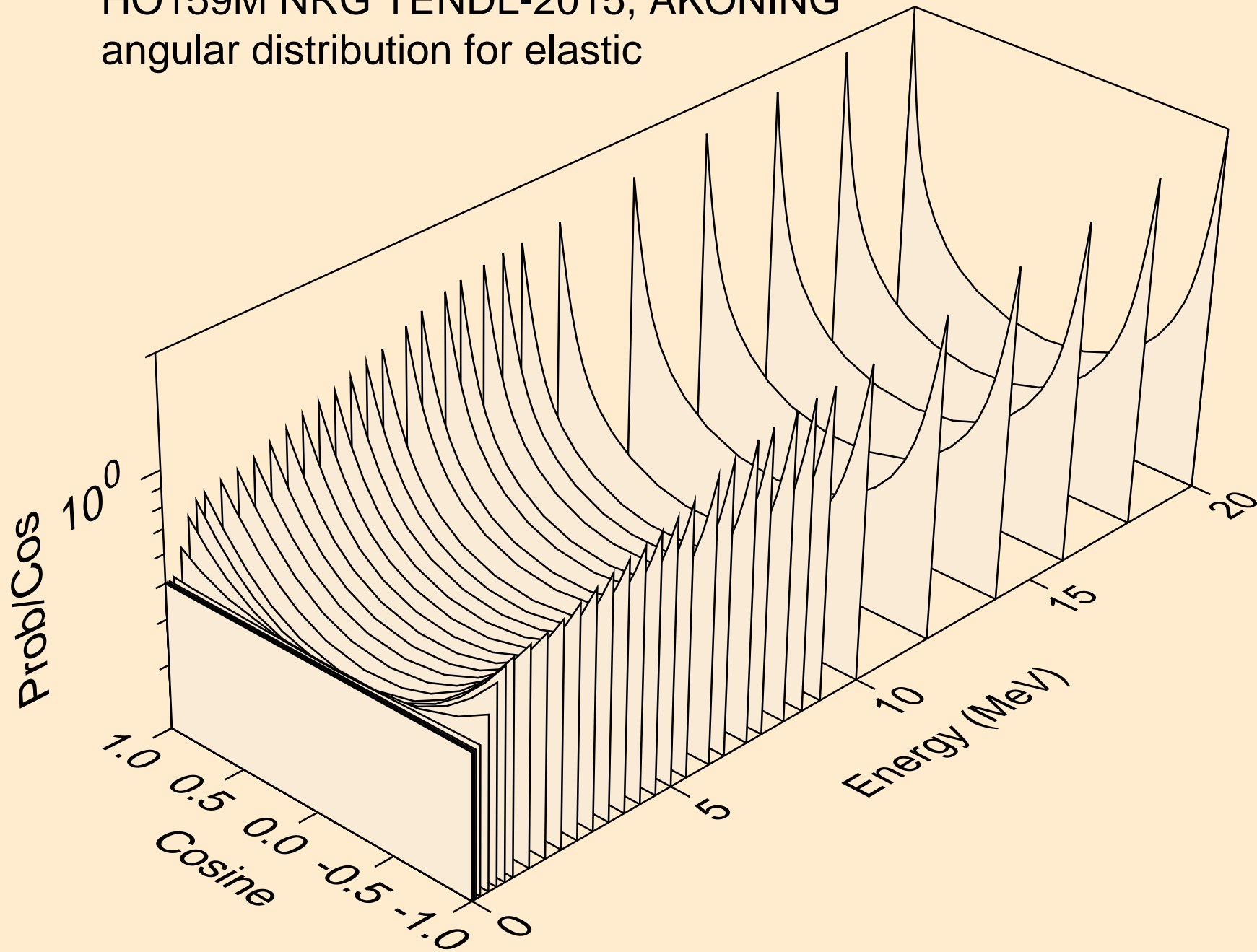
# HO159M NRG TENDL-2015, AKONING

## Threshold reactions

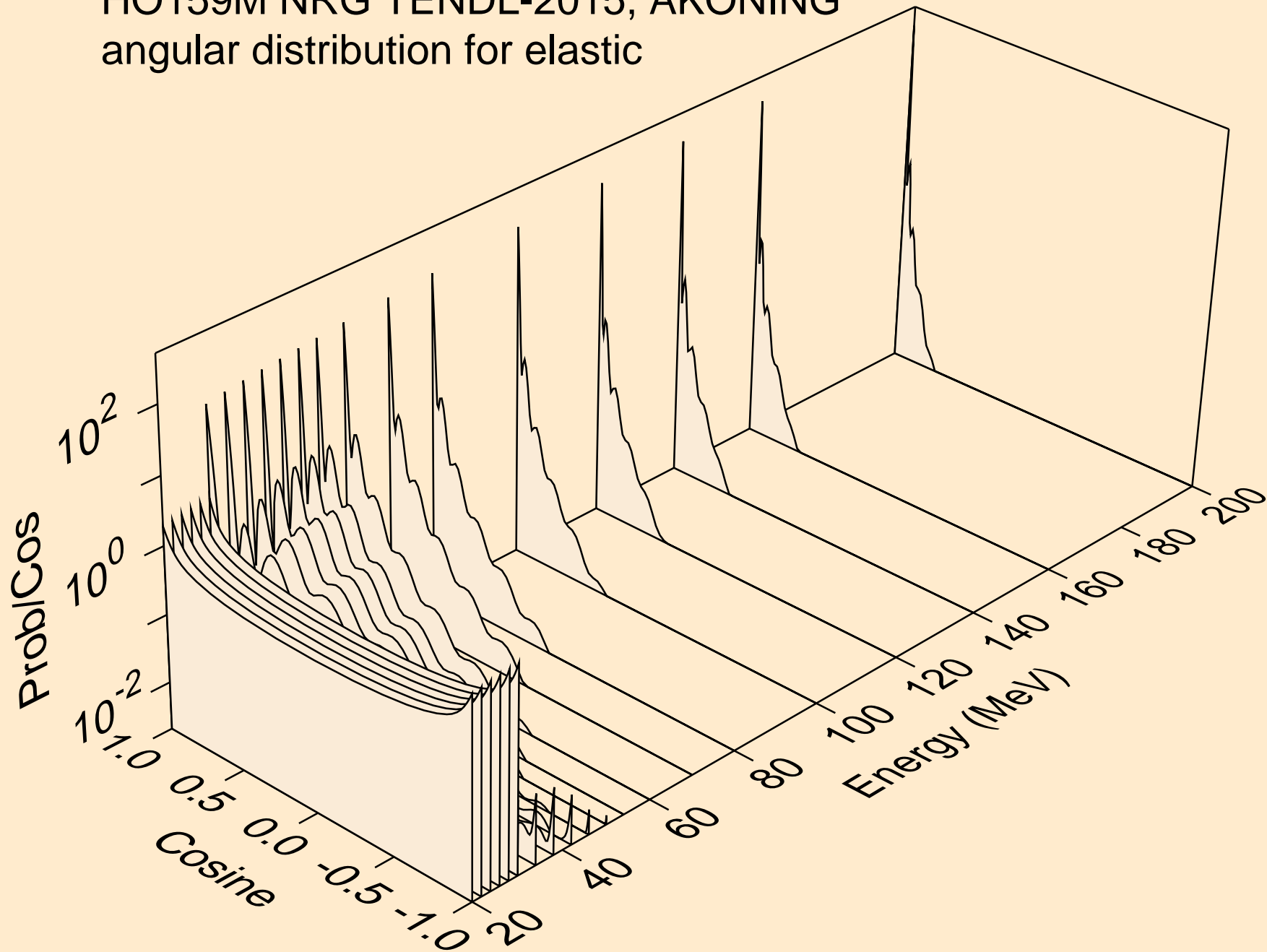




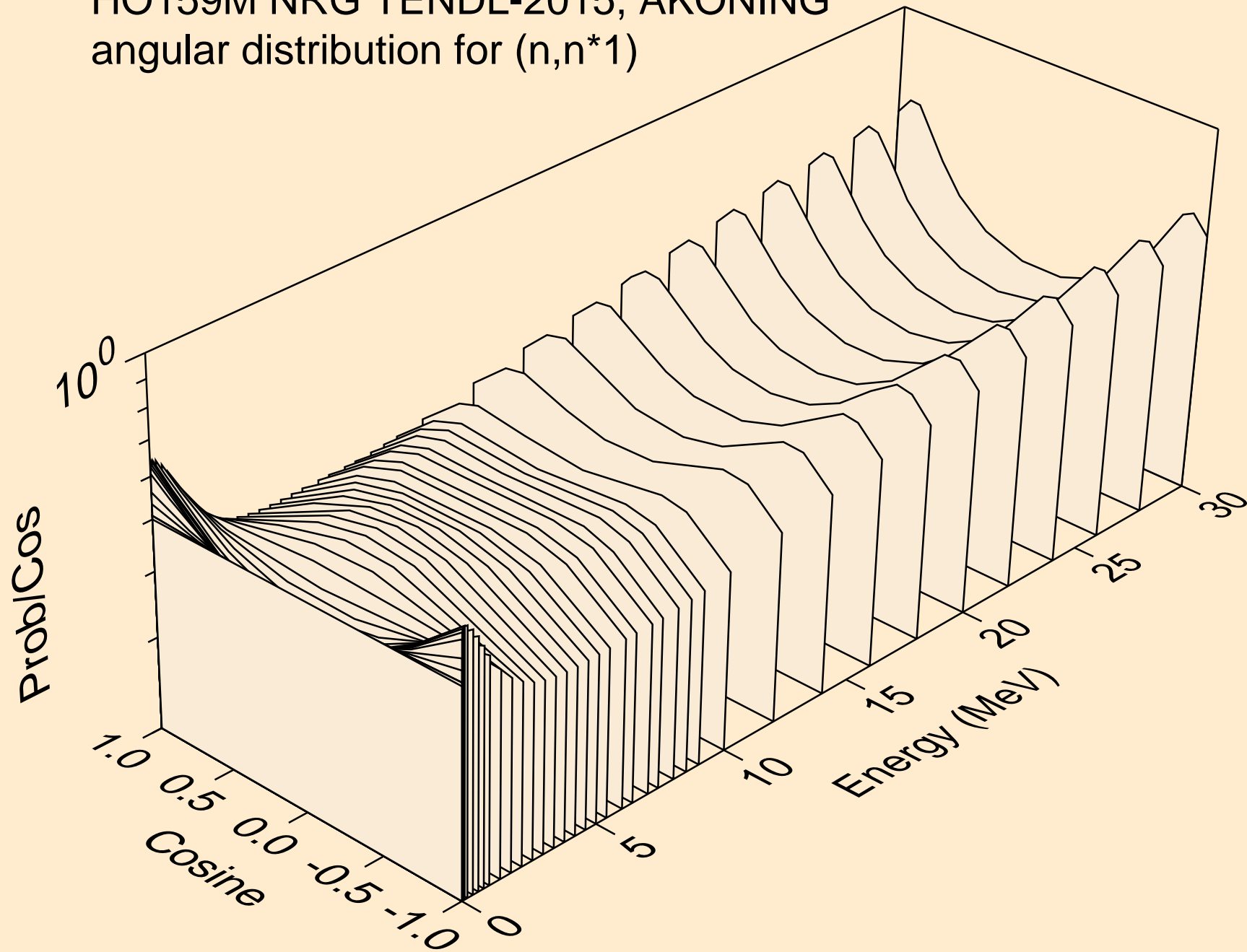
HO159M NRG TENDL-2015, AKONING  
angular distribution for elastic



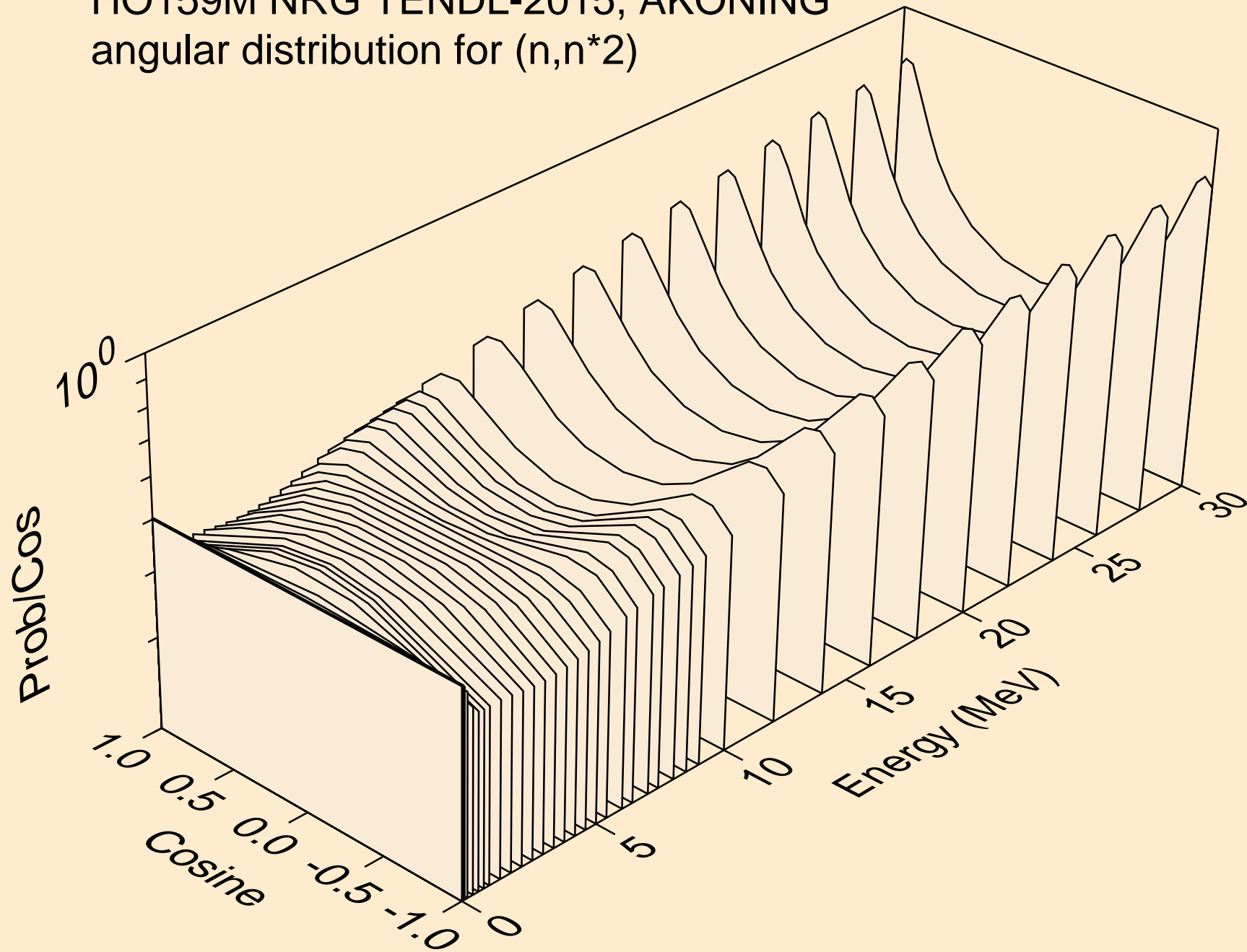
HO159M NRG TENDL-2015, AKONING  
angular distribution for elastic



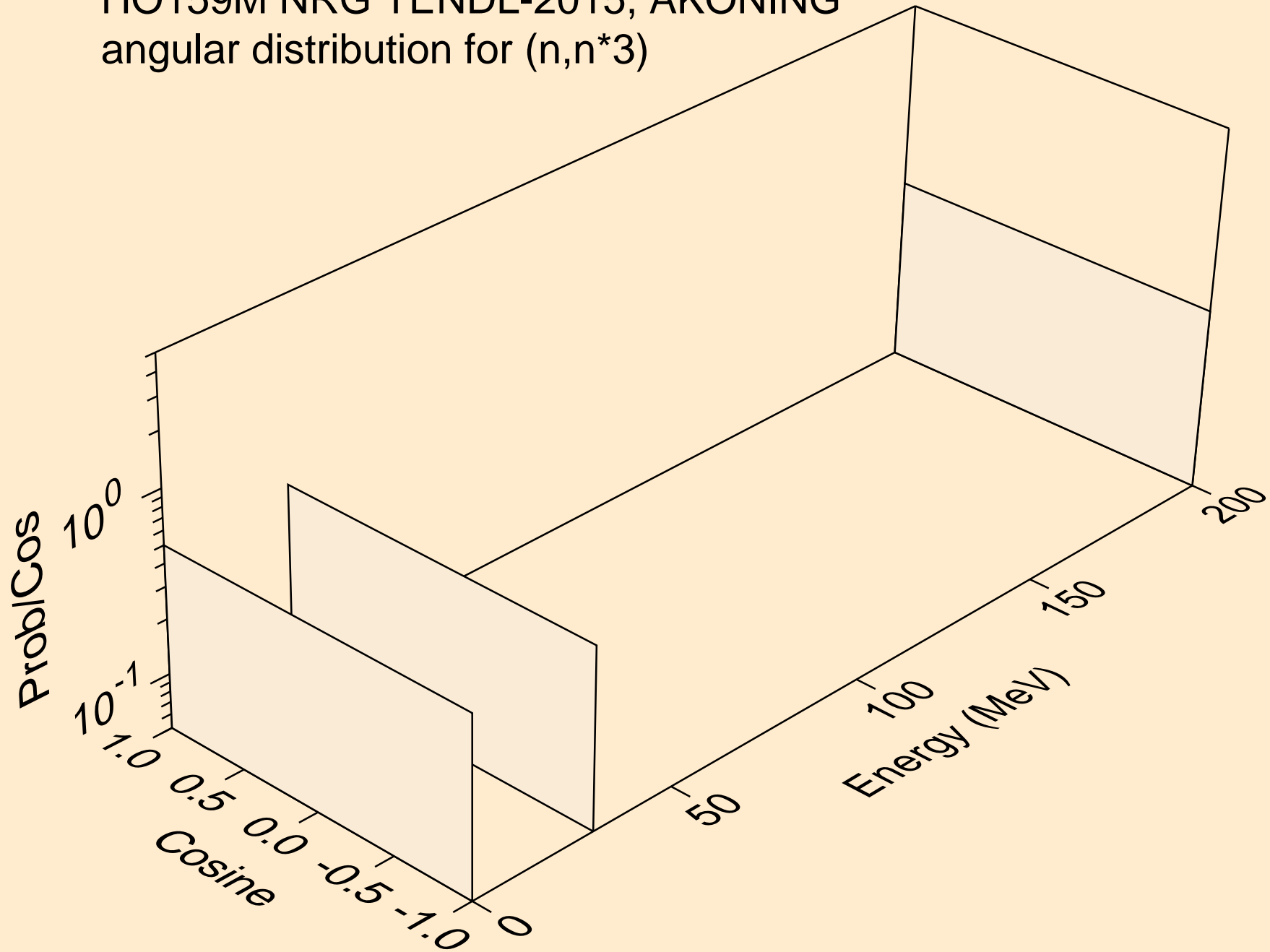
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



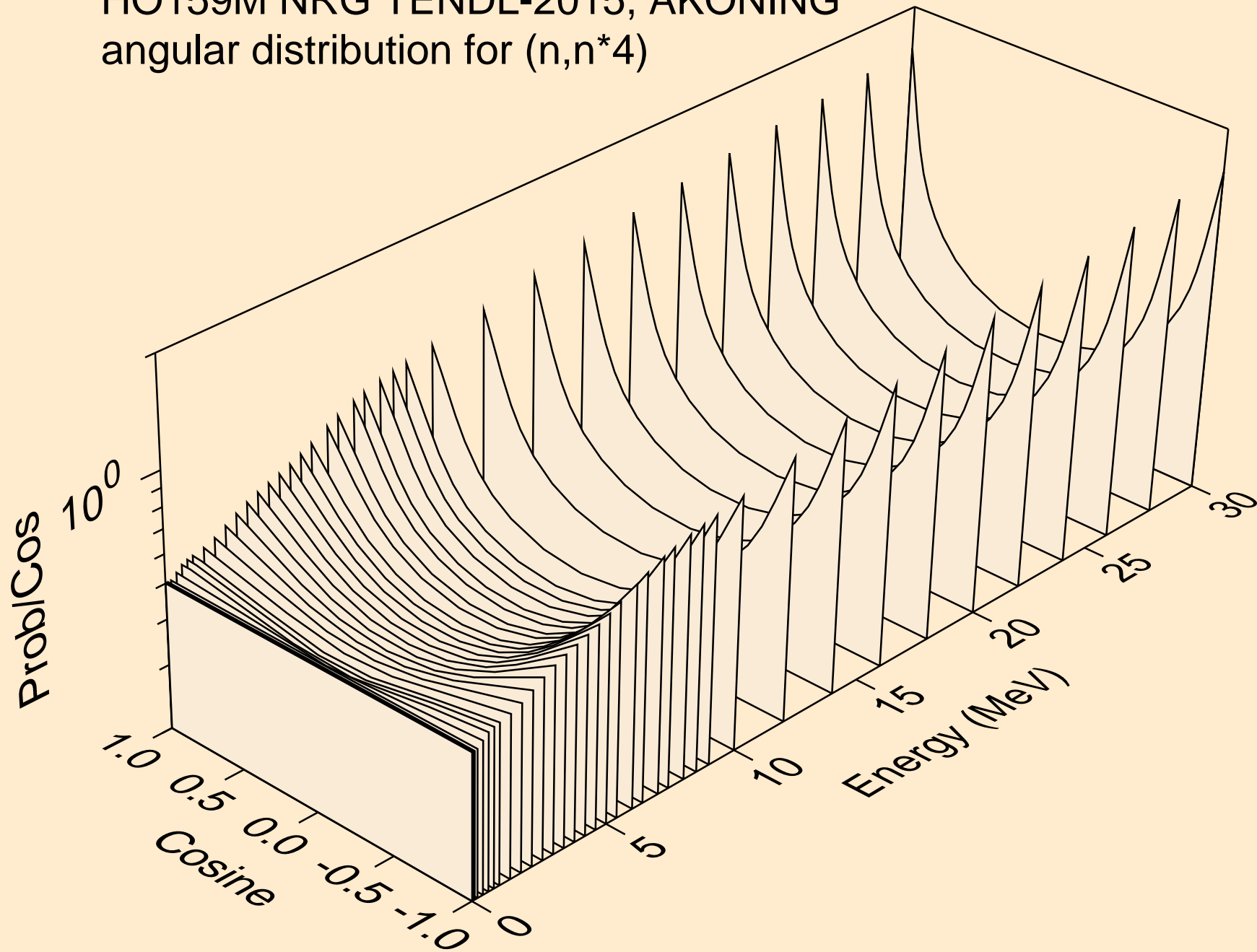
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



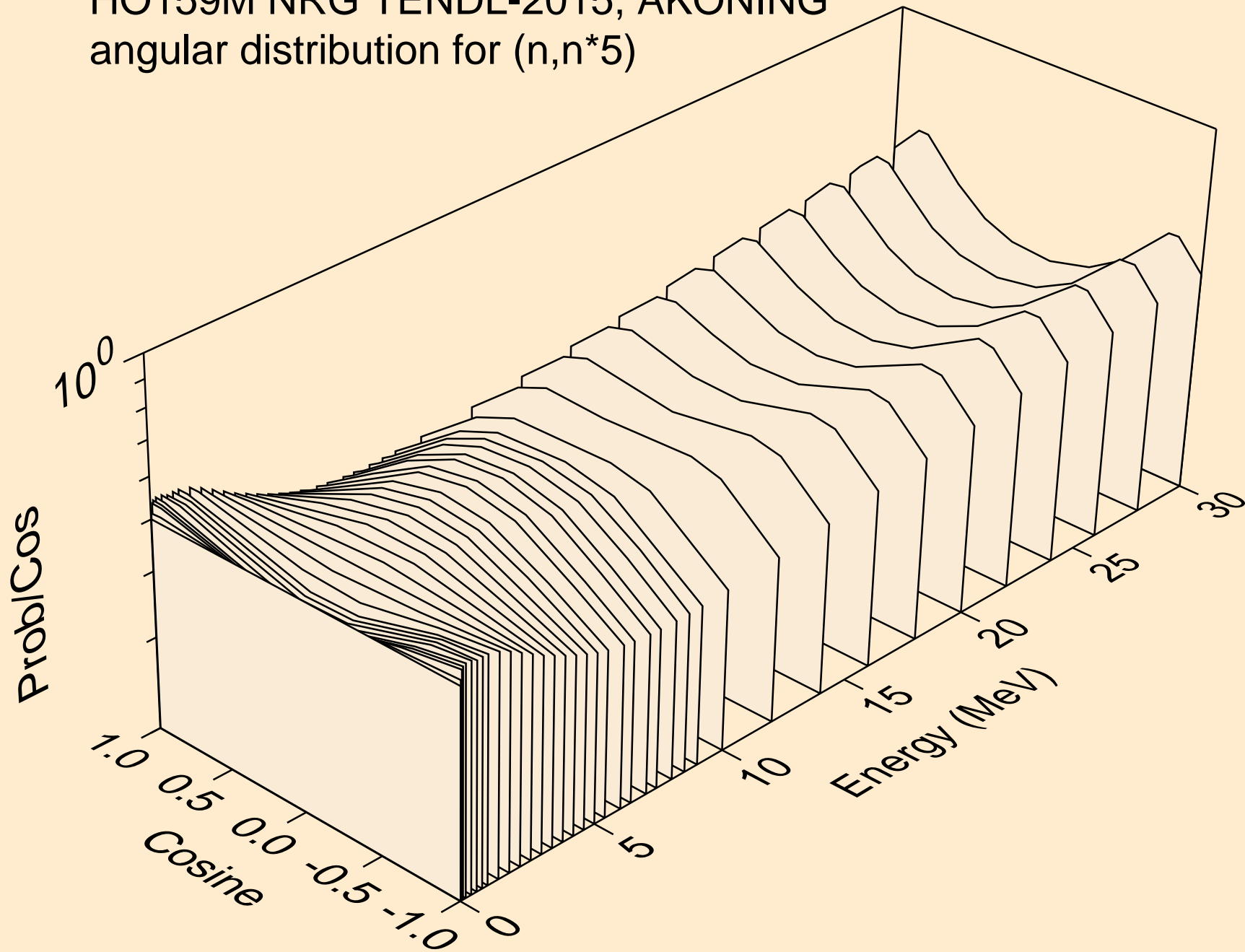
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



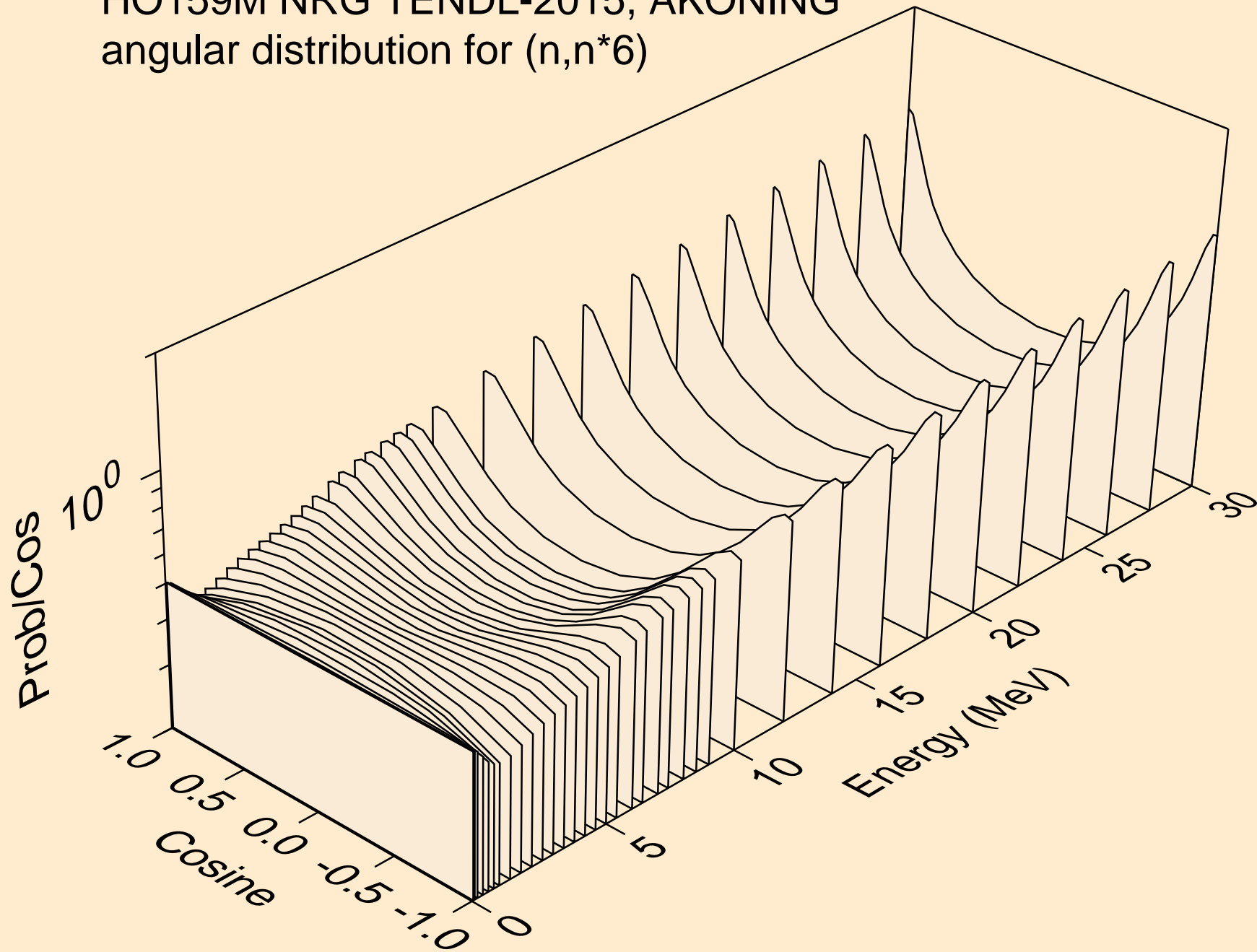
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

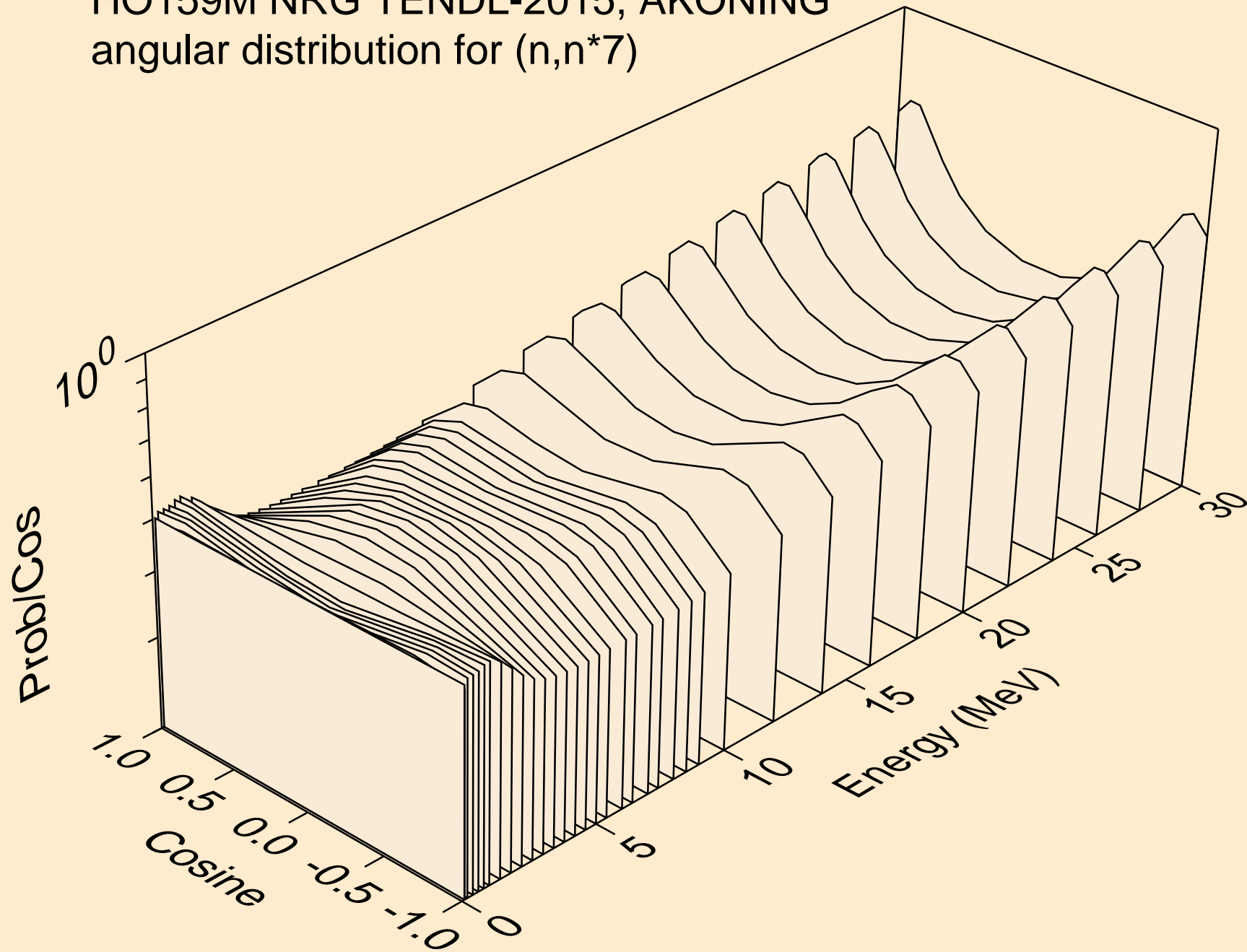


HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

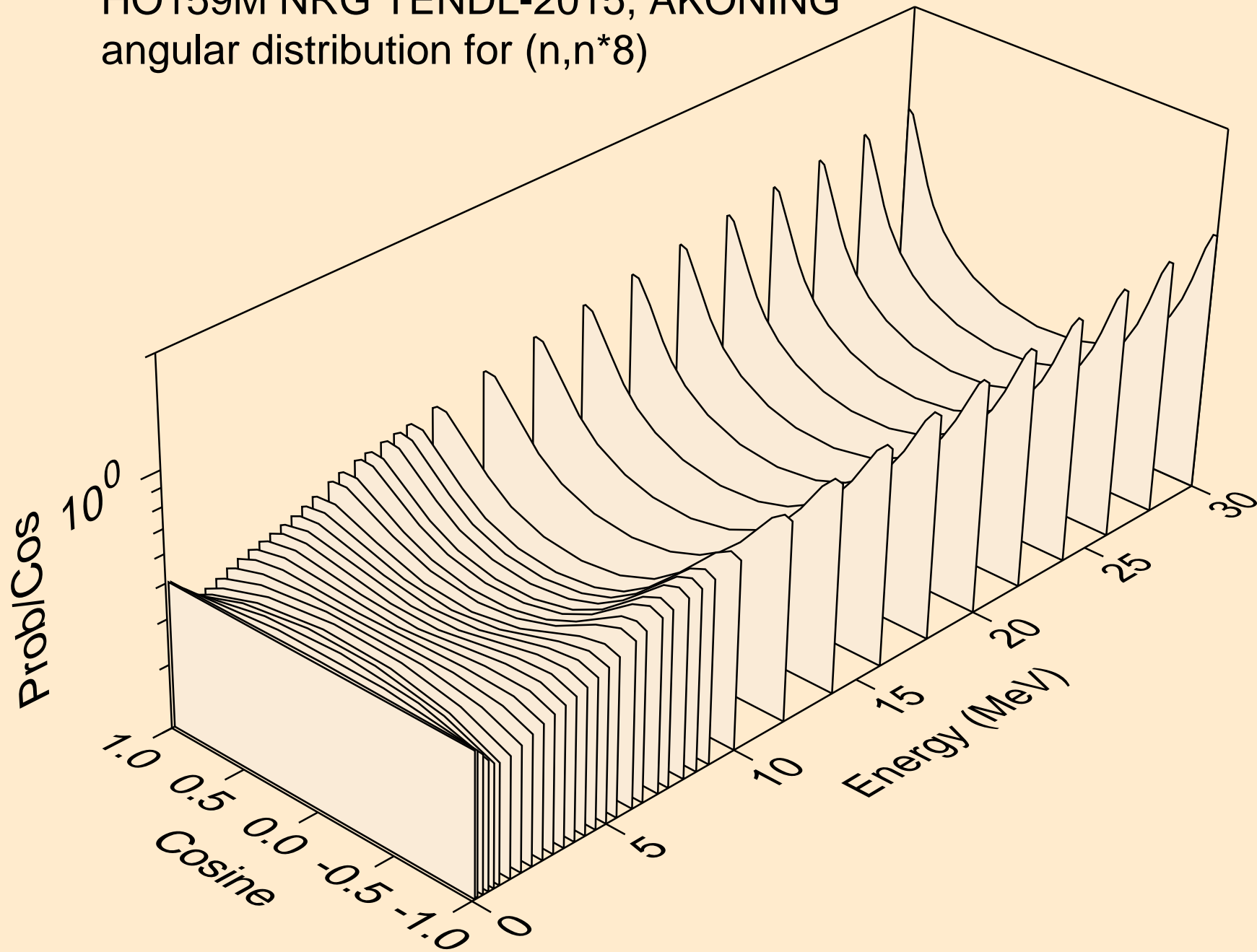




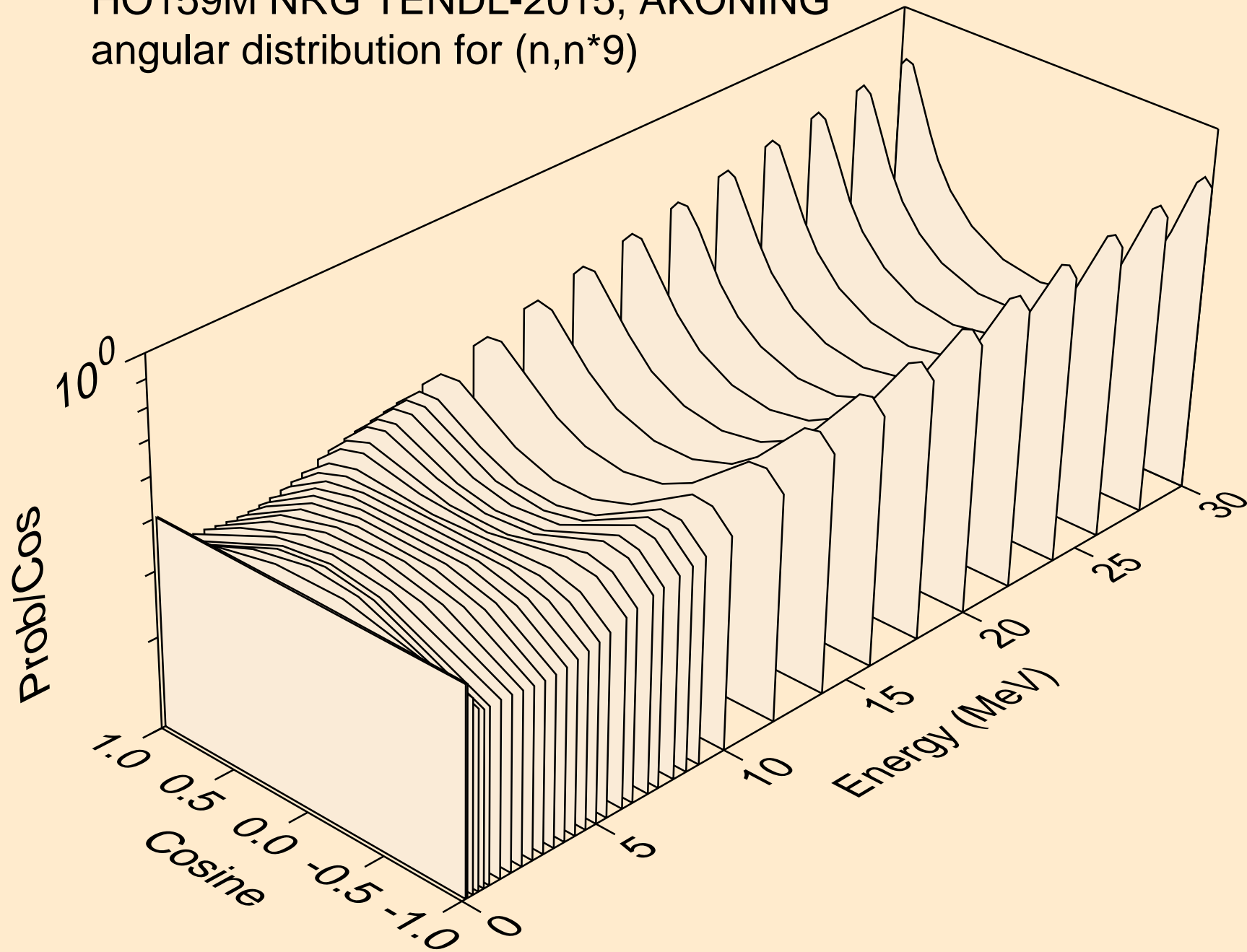
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



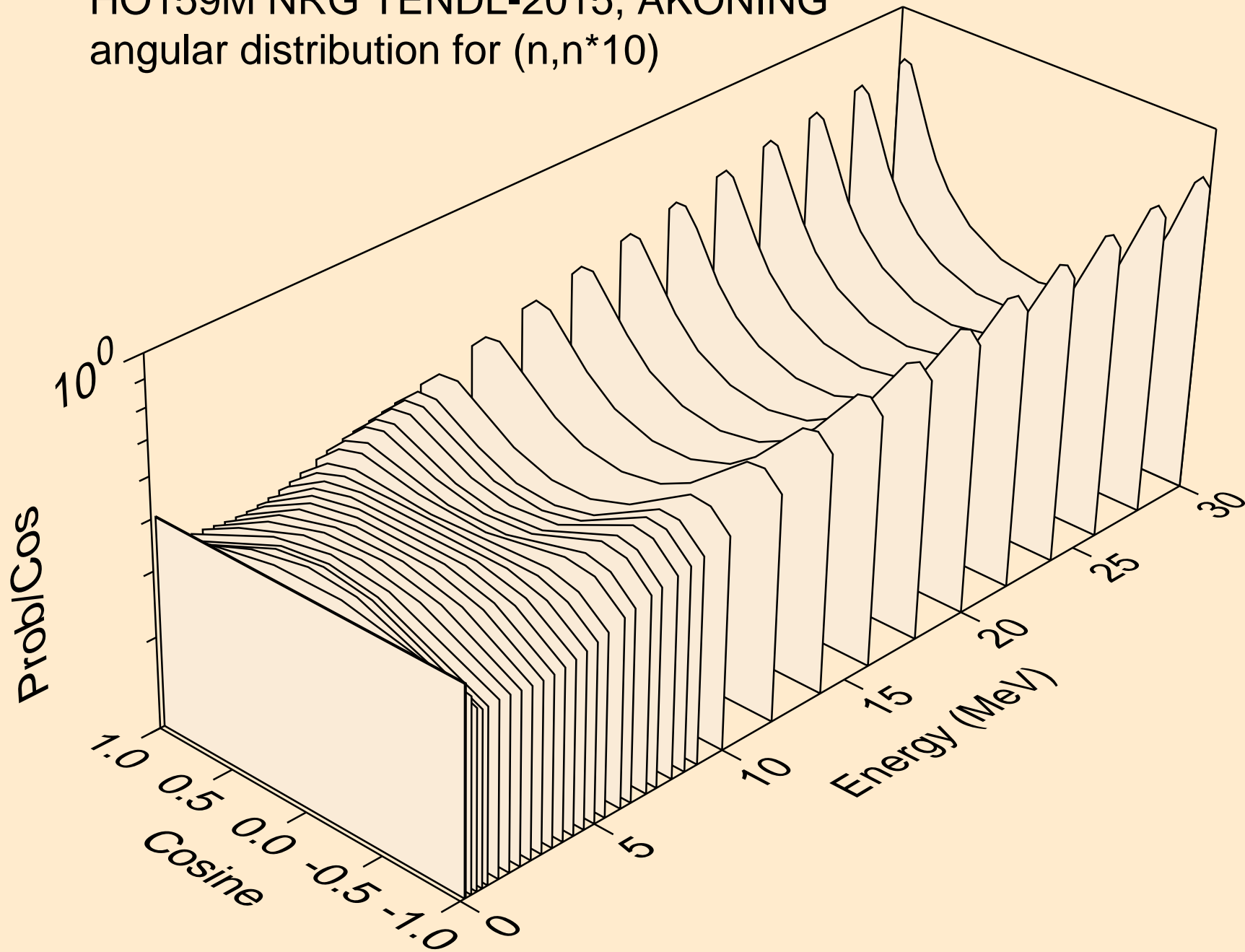
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



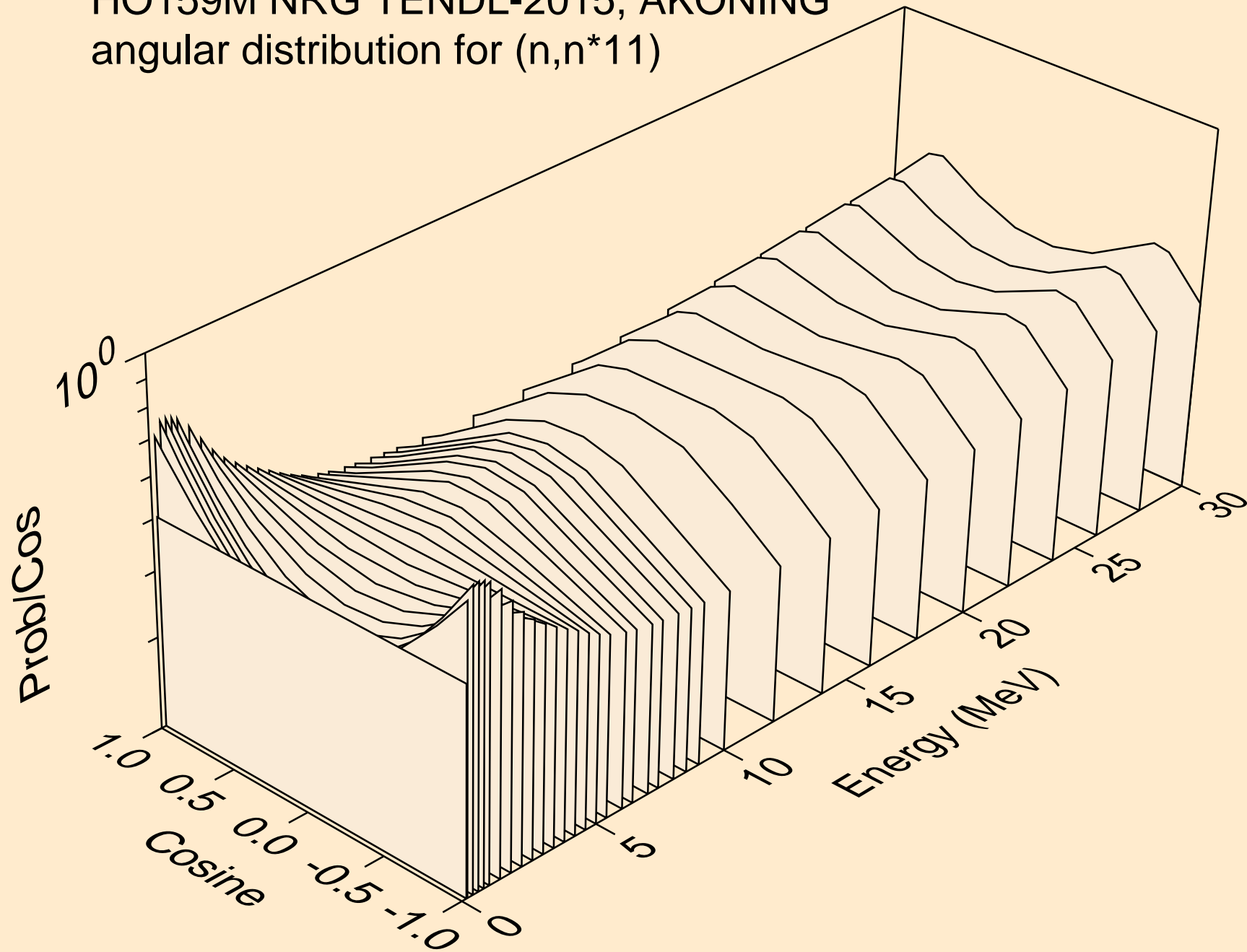
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



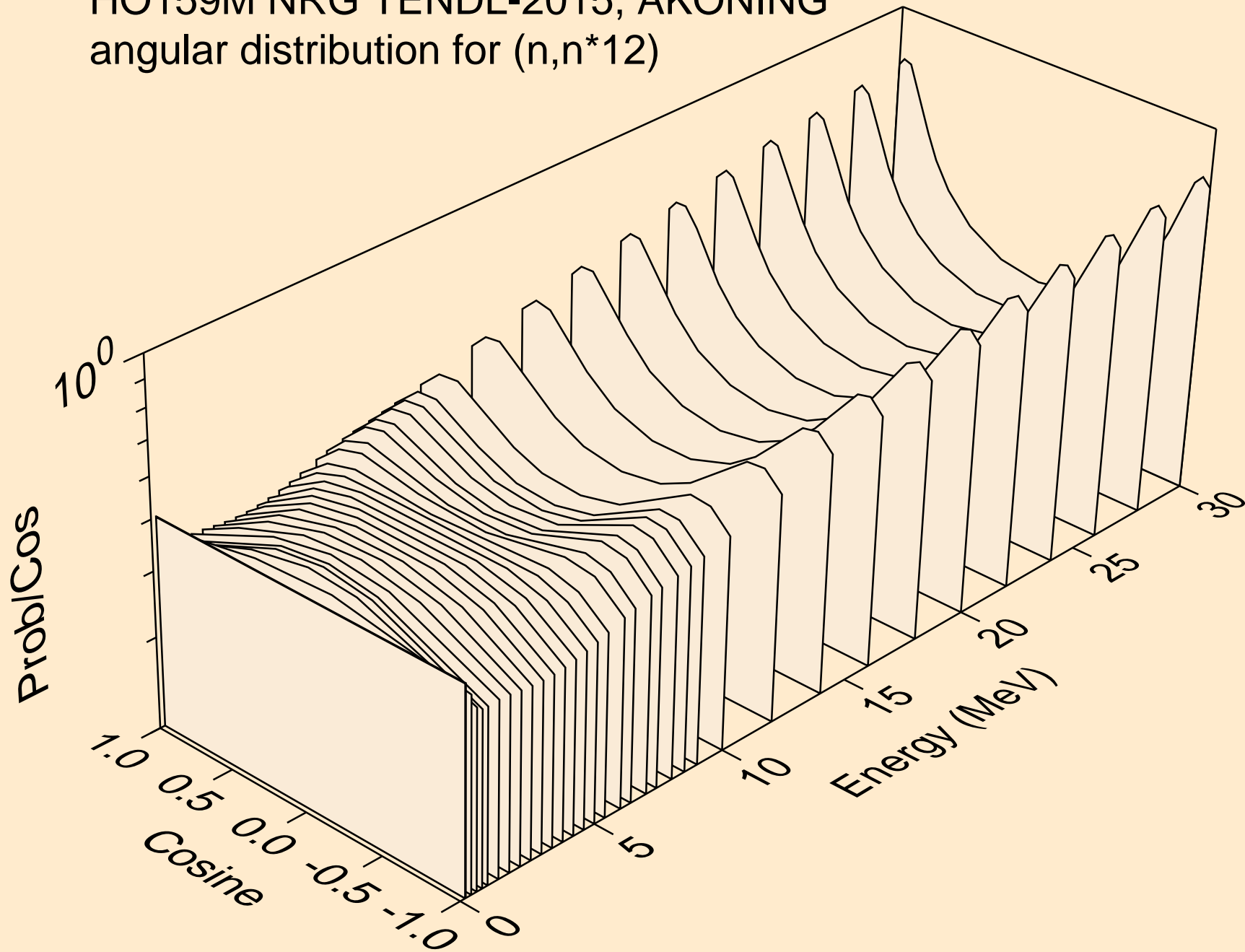
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



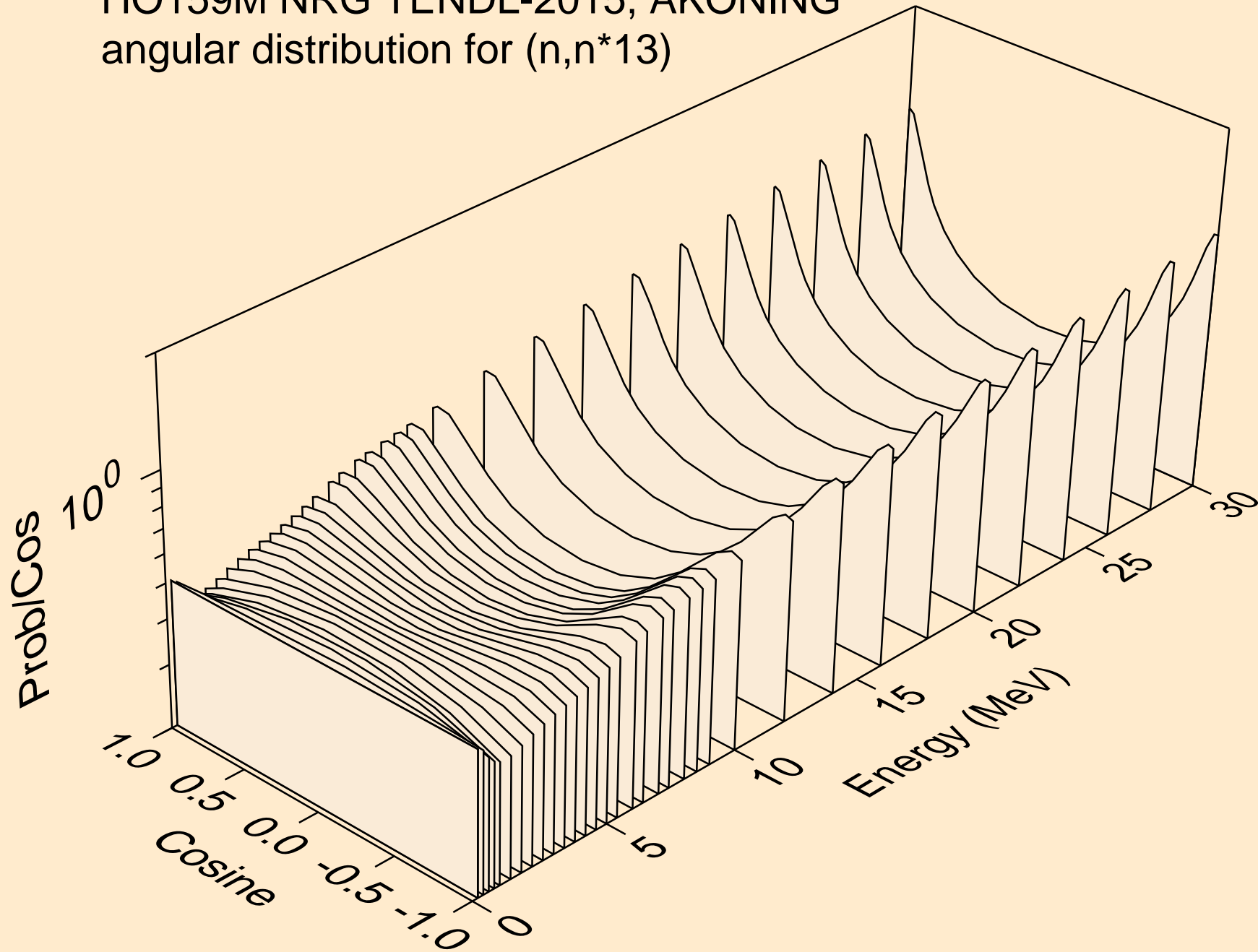
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



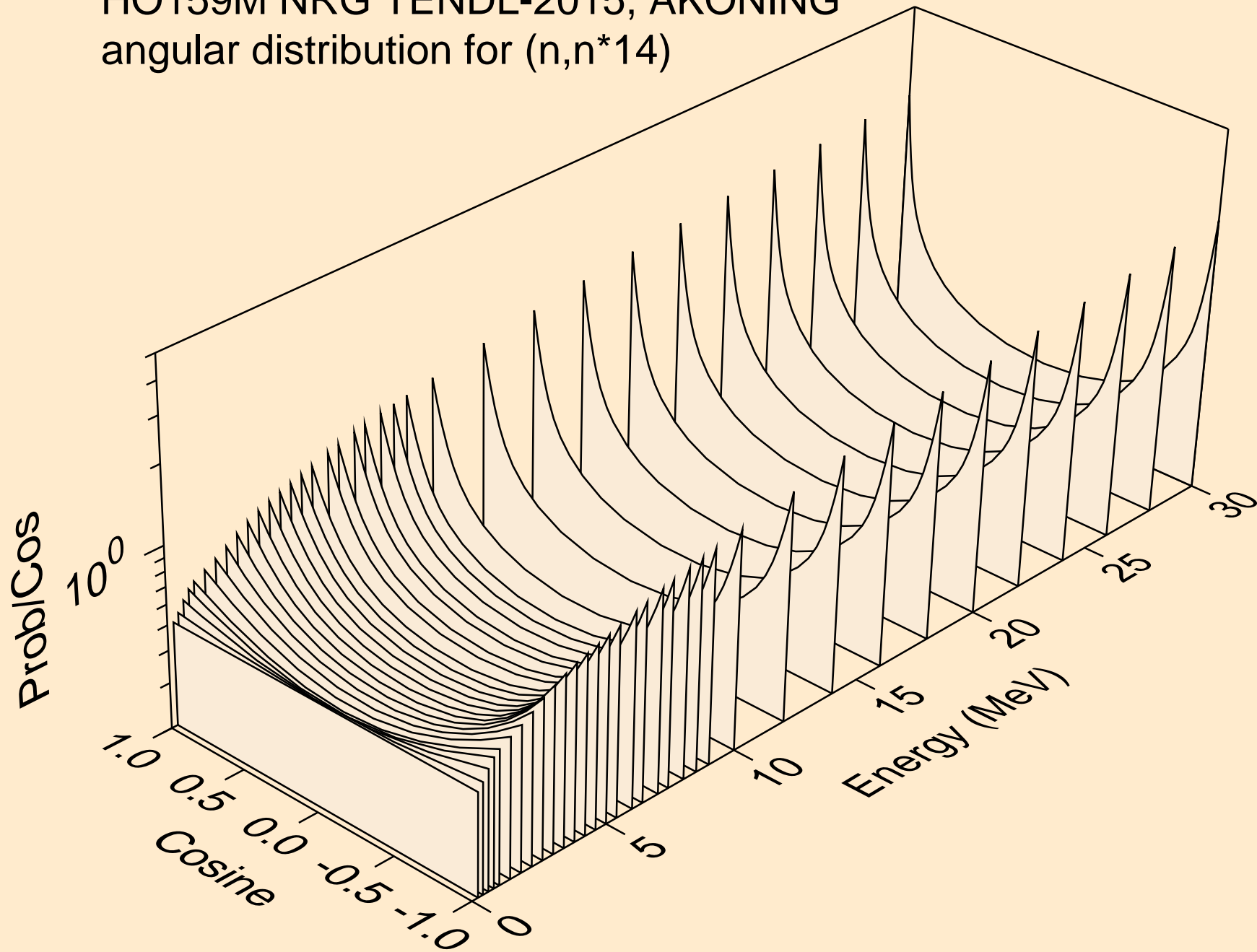
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

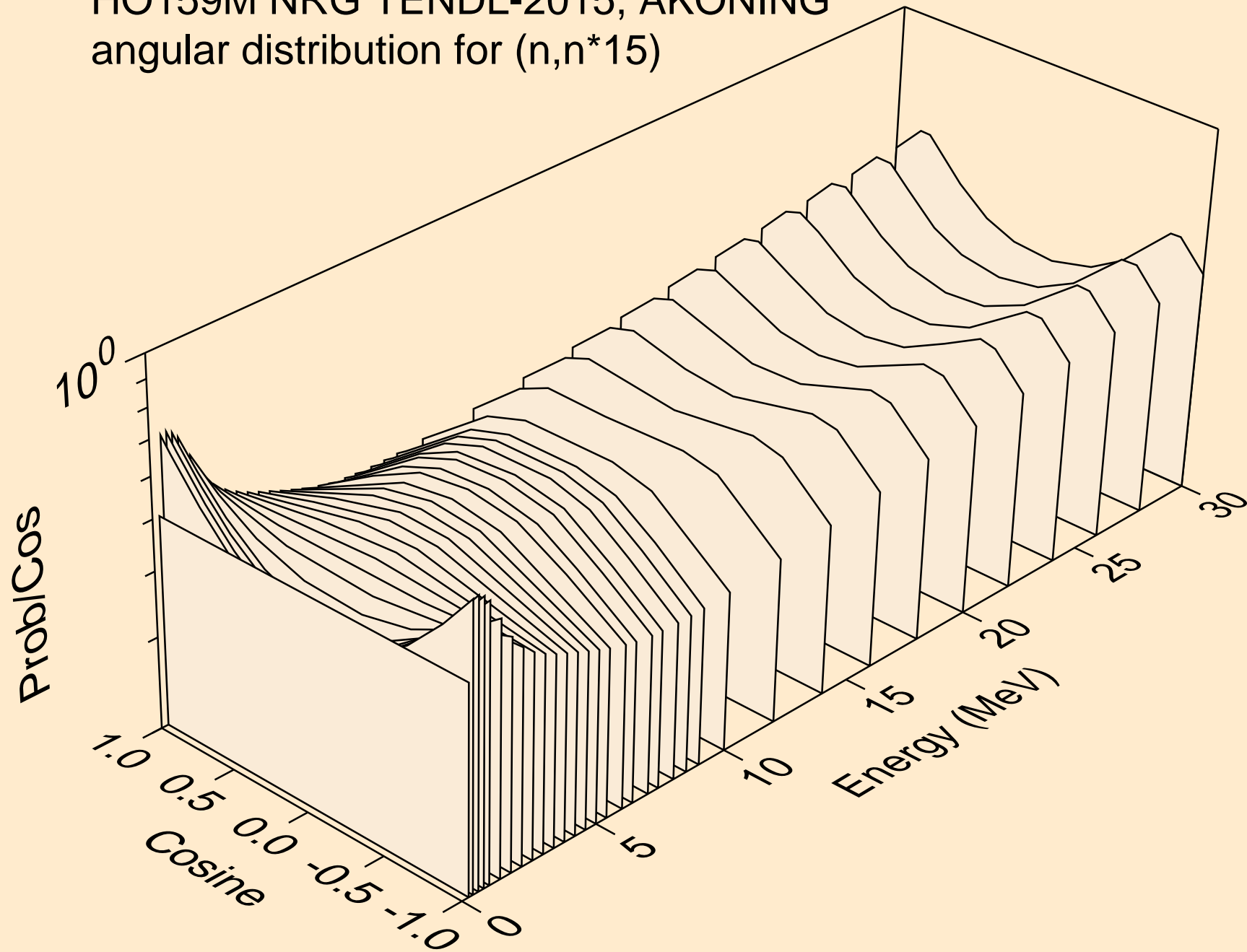


HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

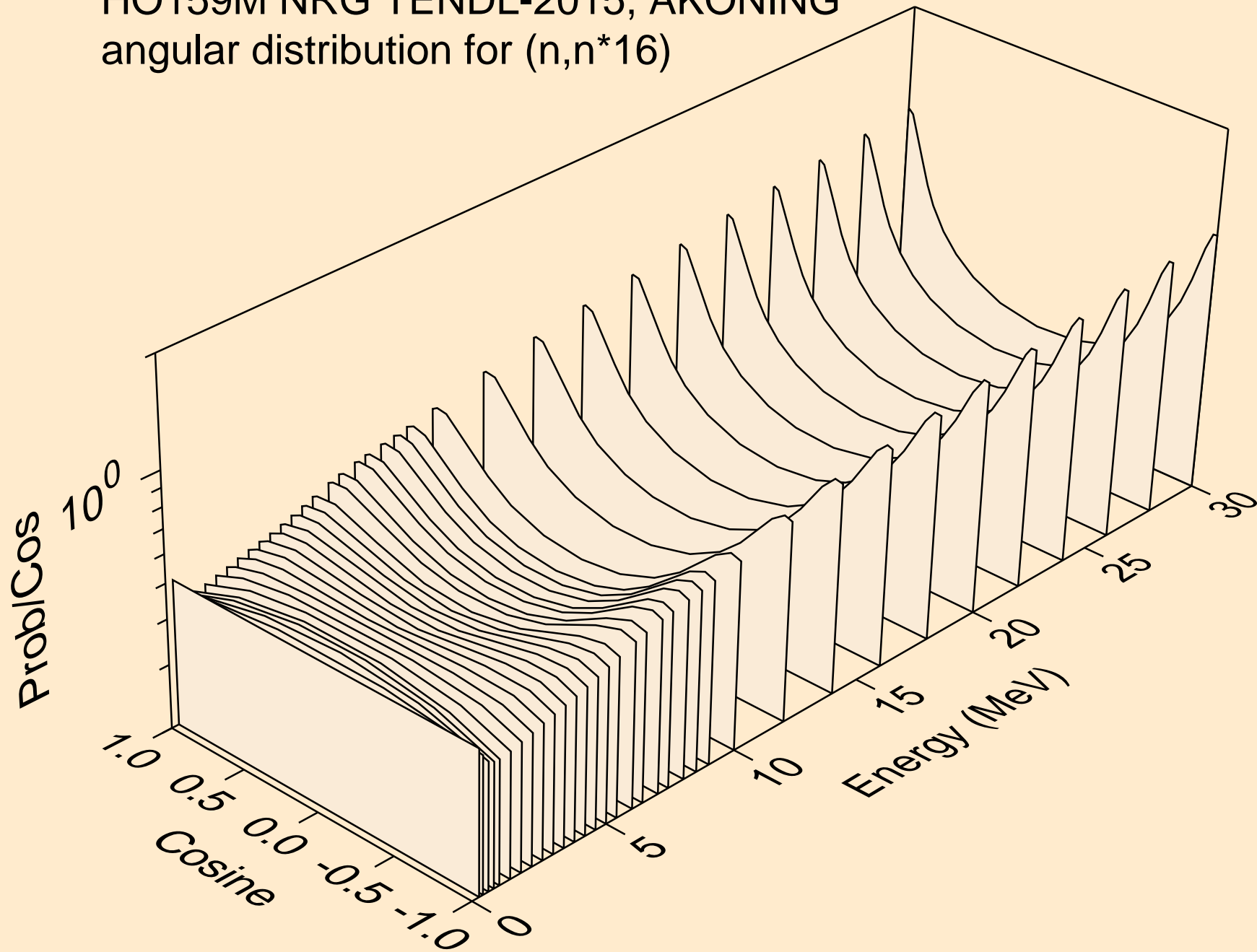




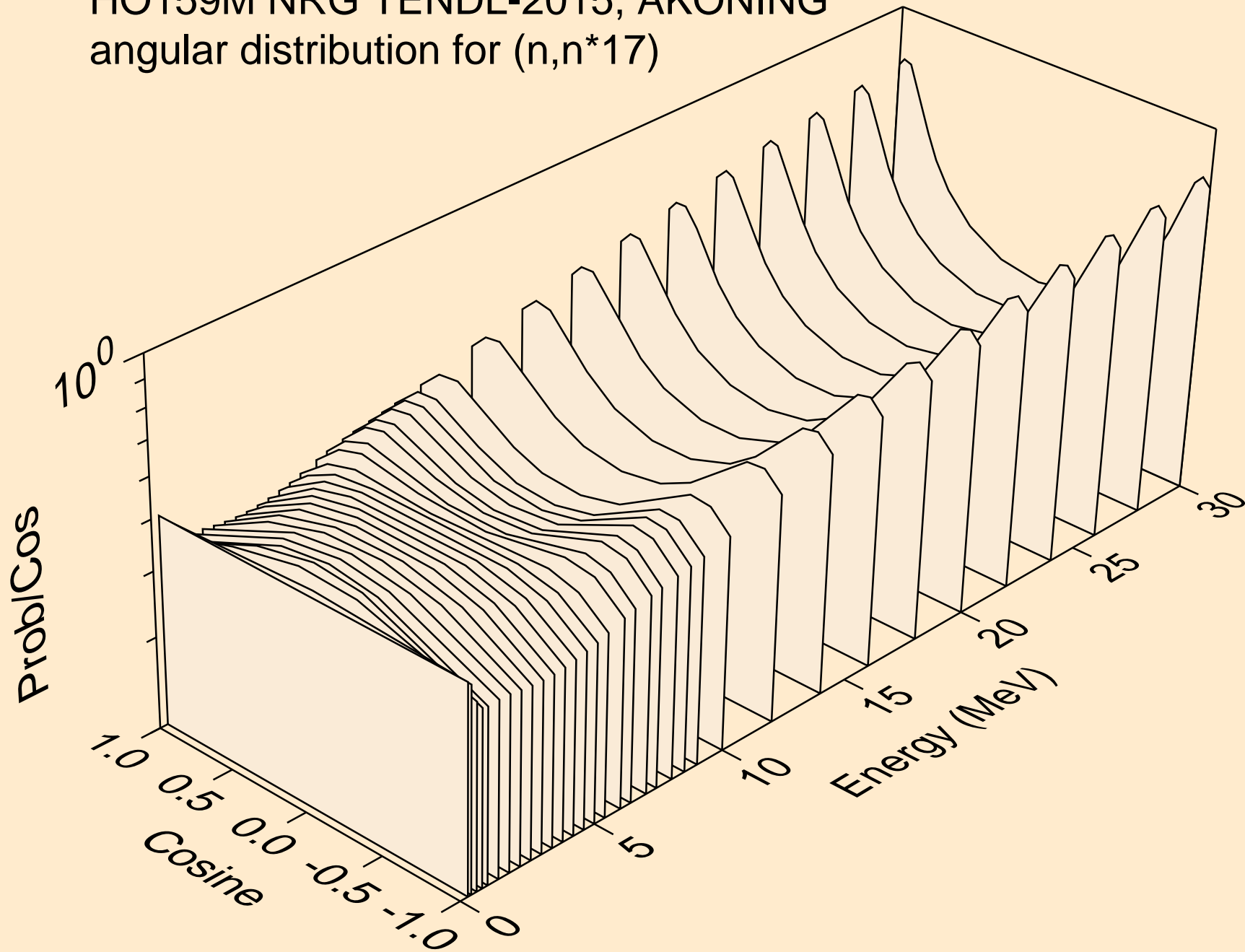
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



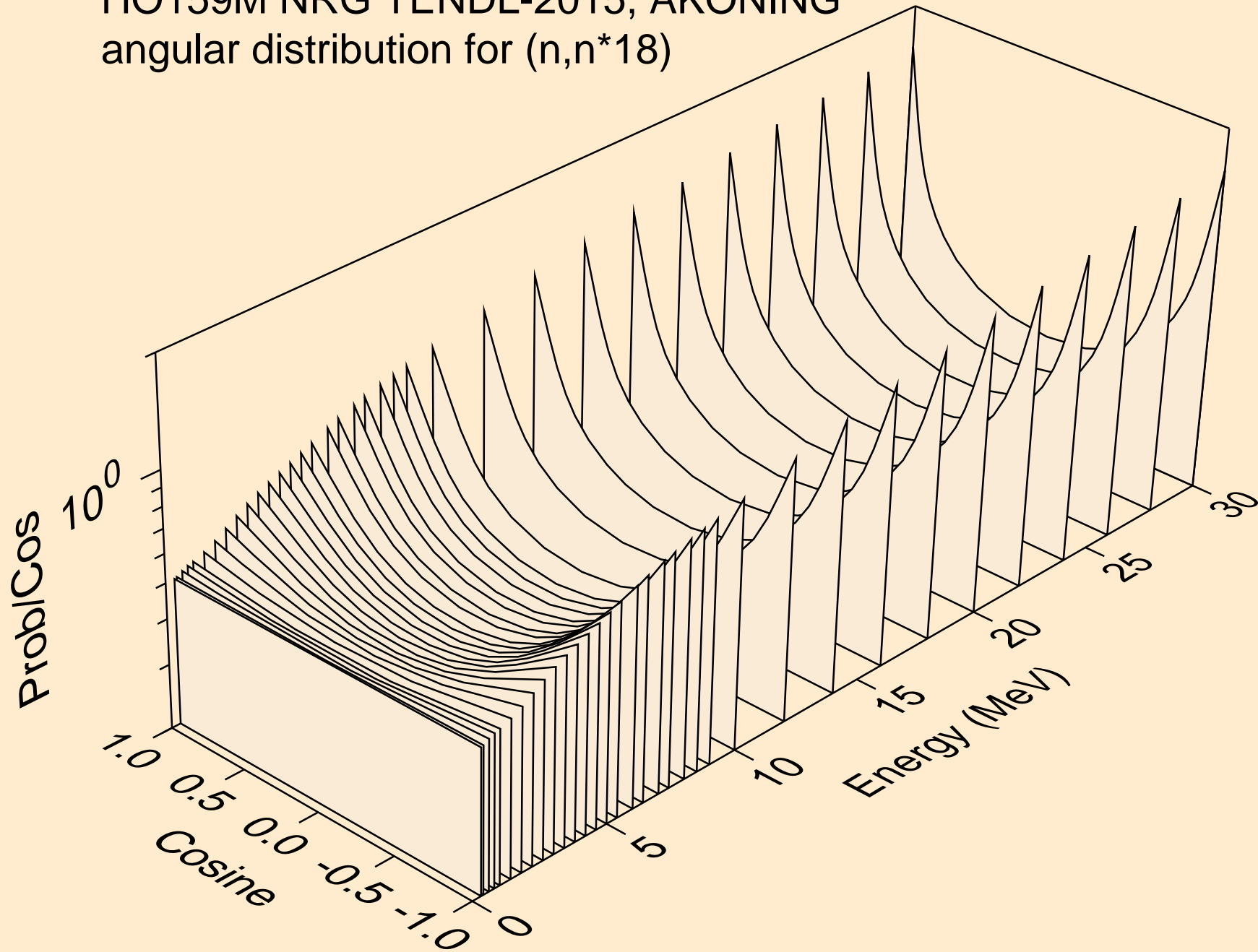
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



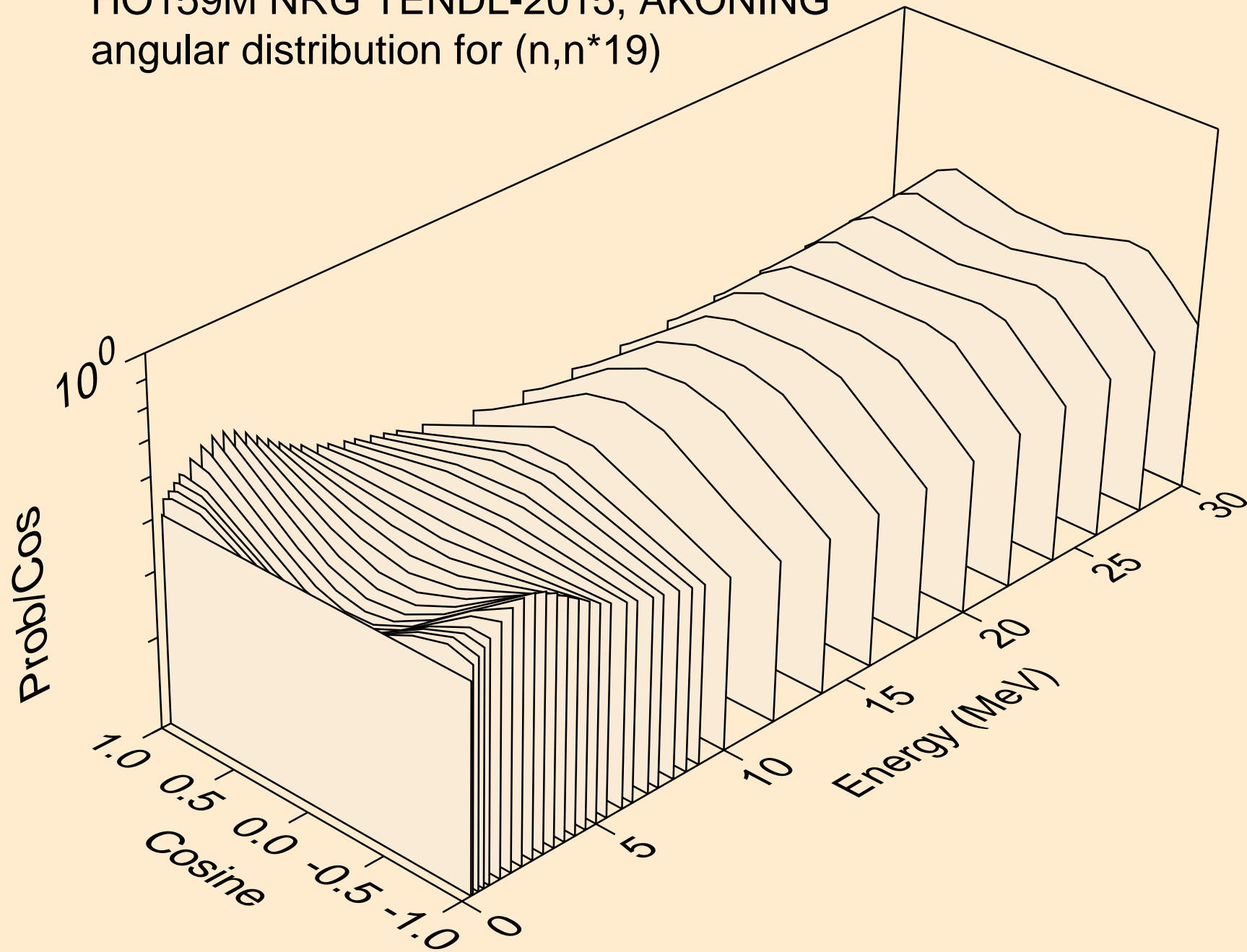
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angular distribution for (n,n\*17)



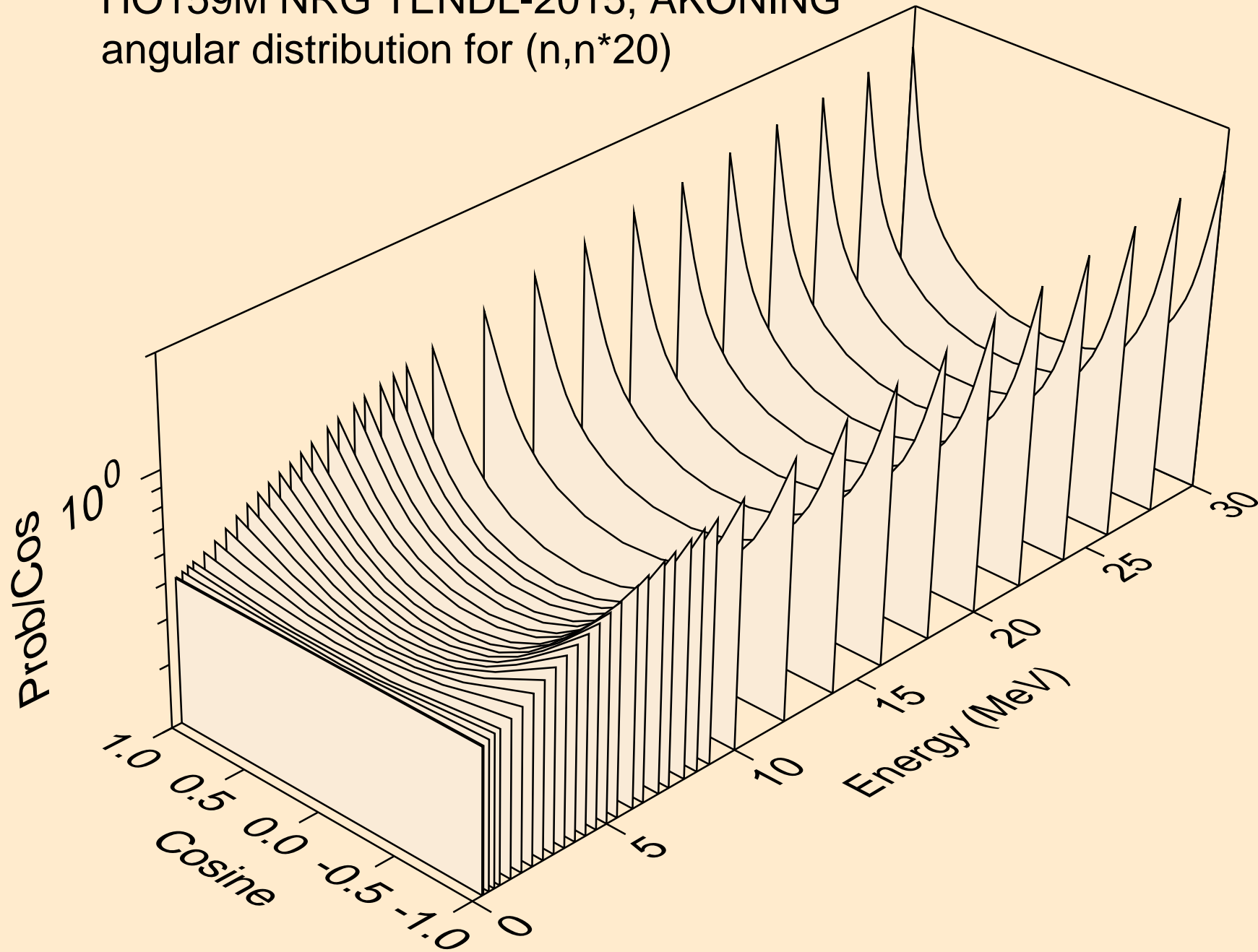
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



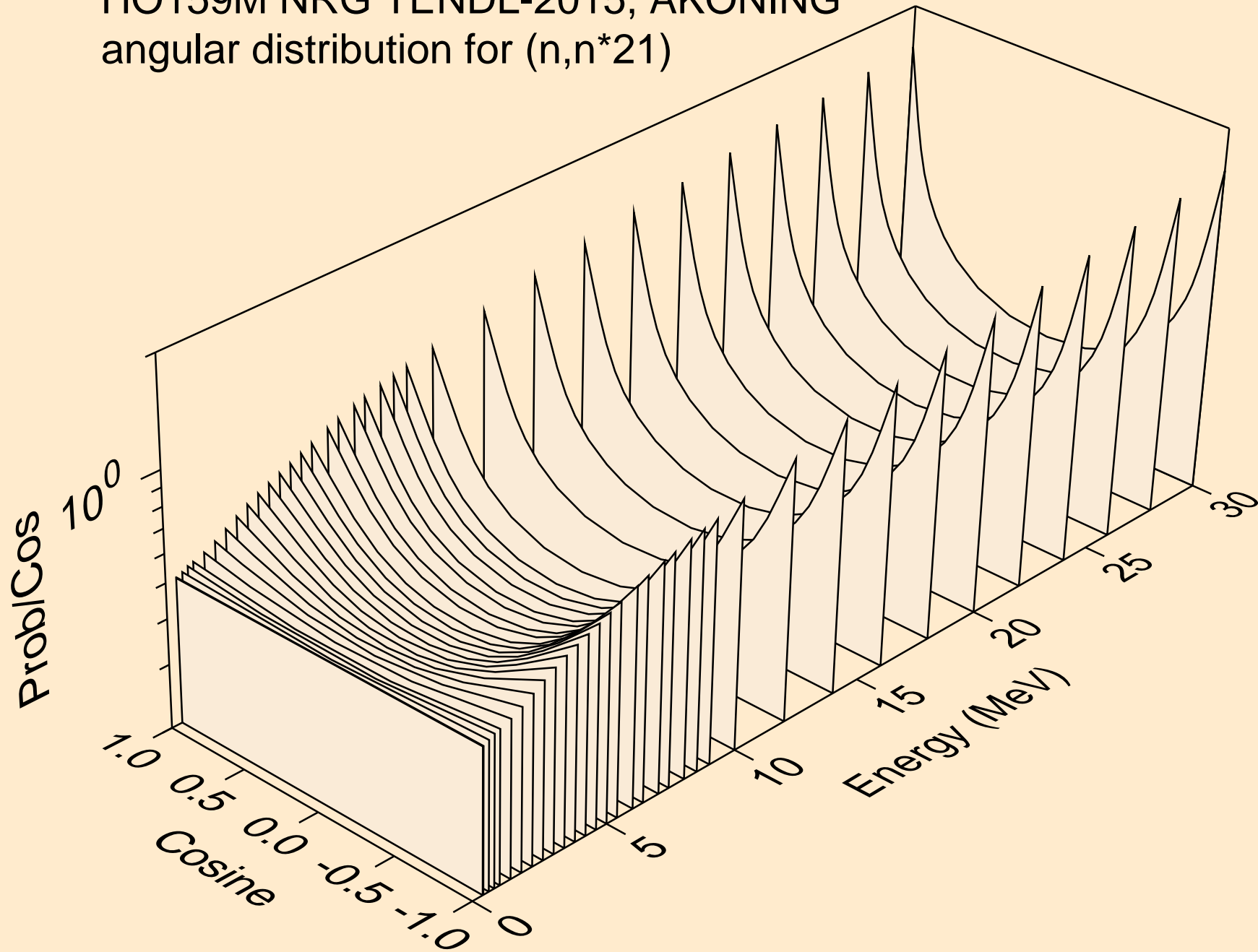
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angular distribution for (n,n\*19)



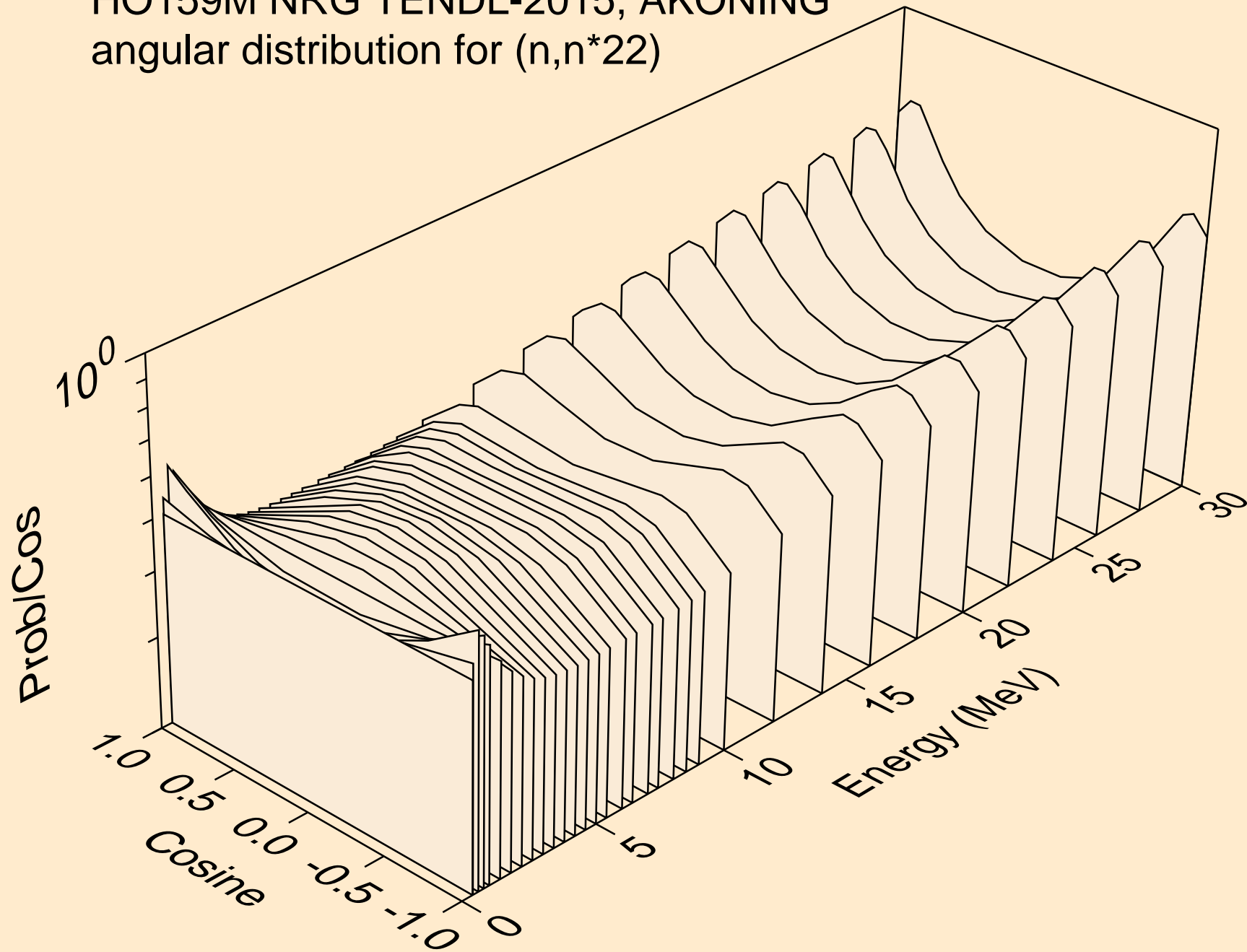
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

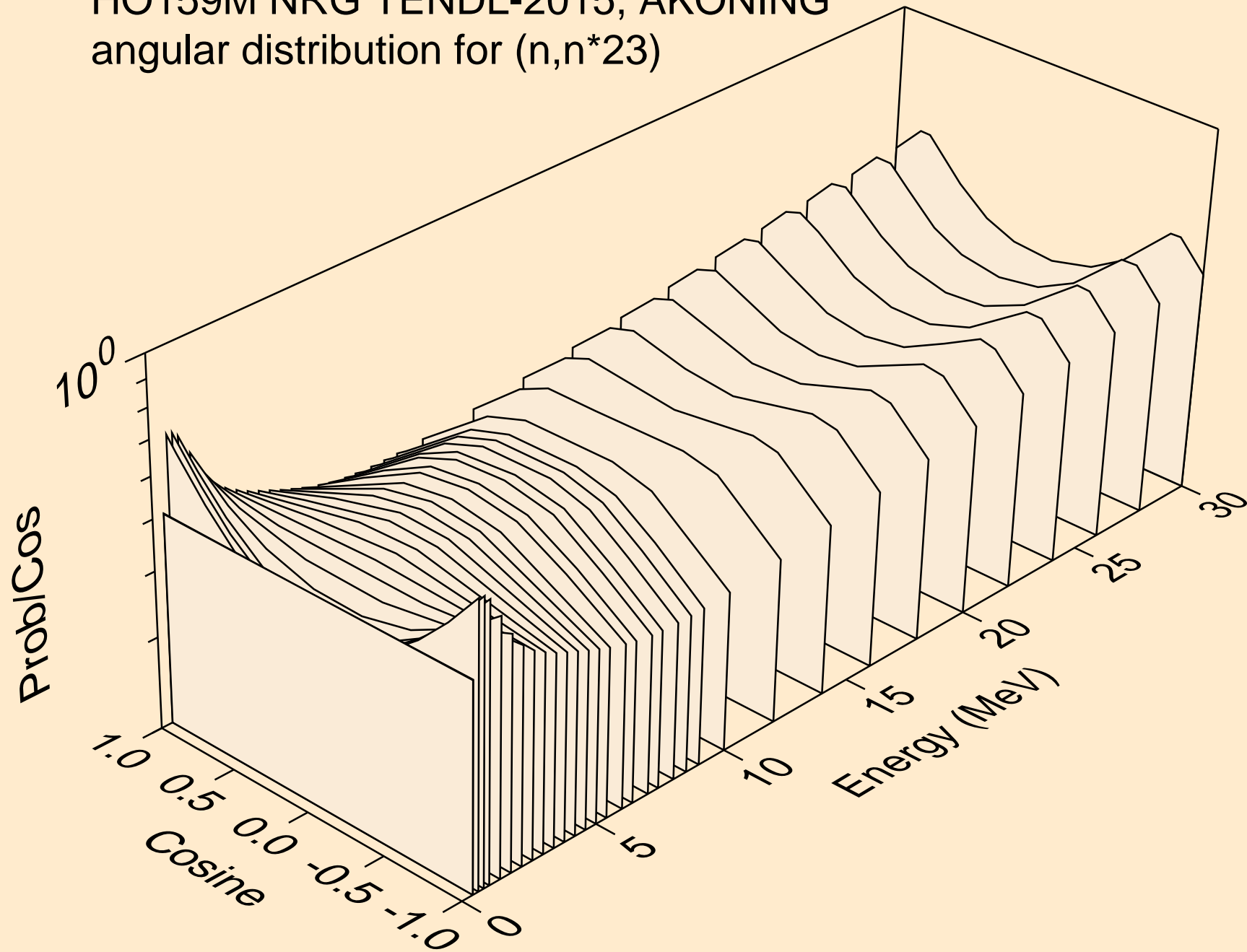


HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

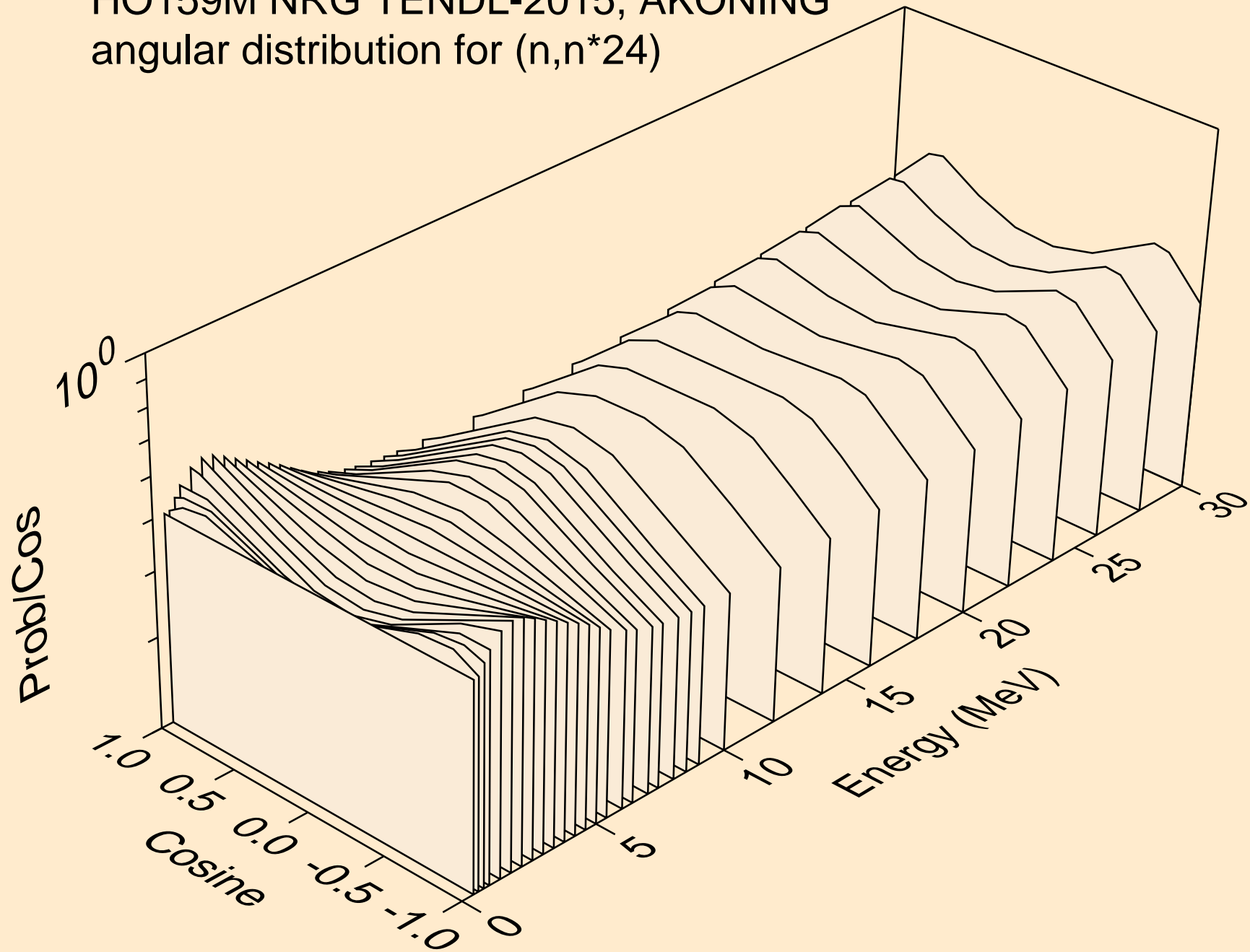




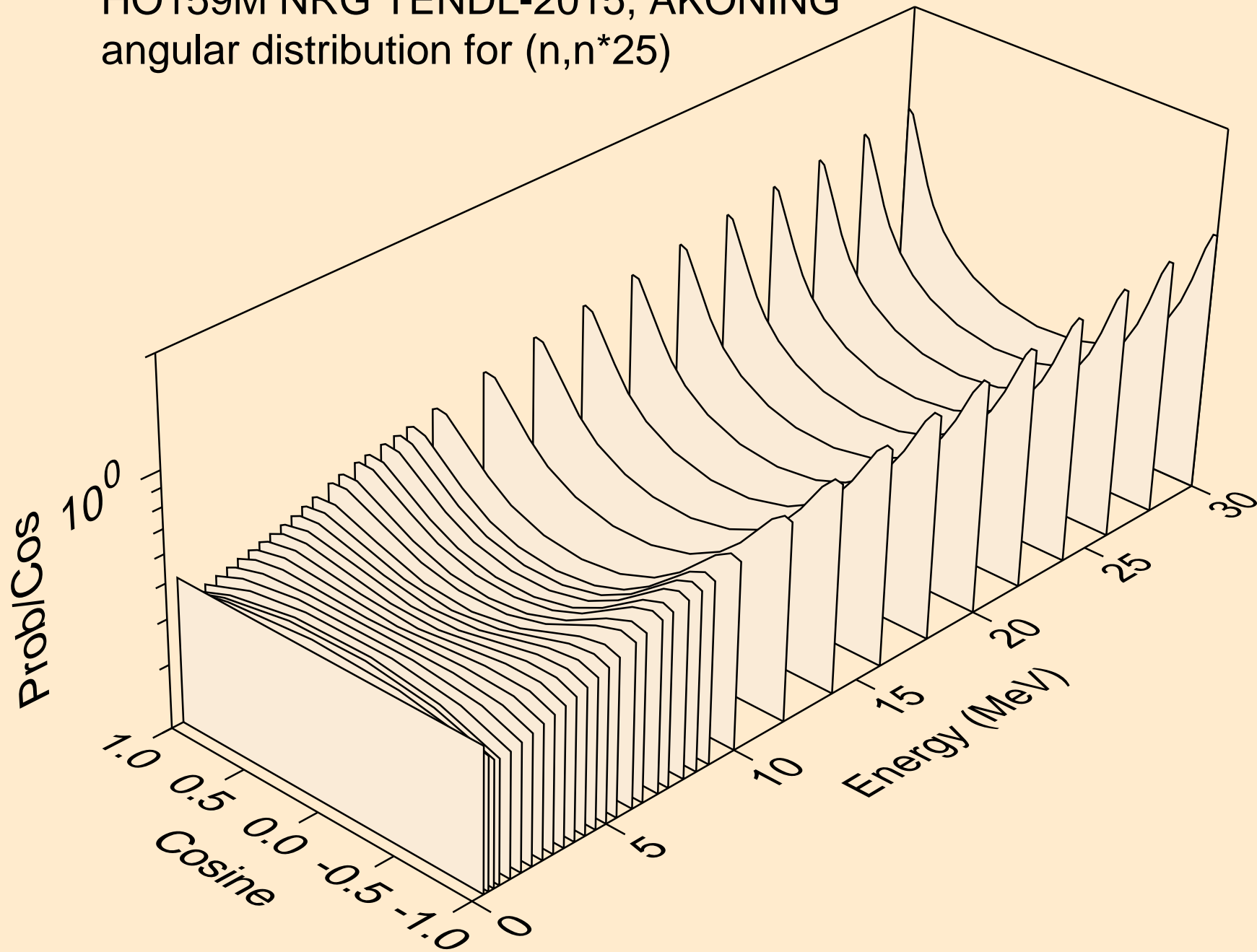
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angular distribution for (n,n\*23)



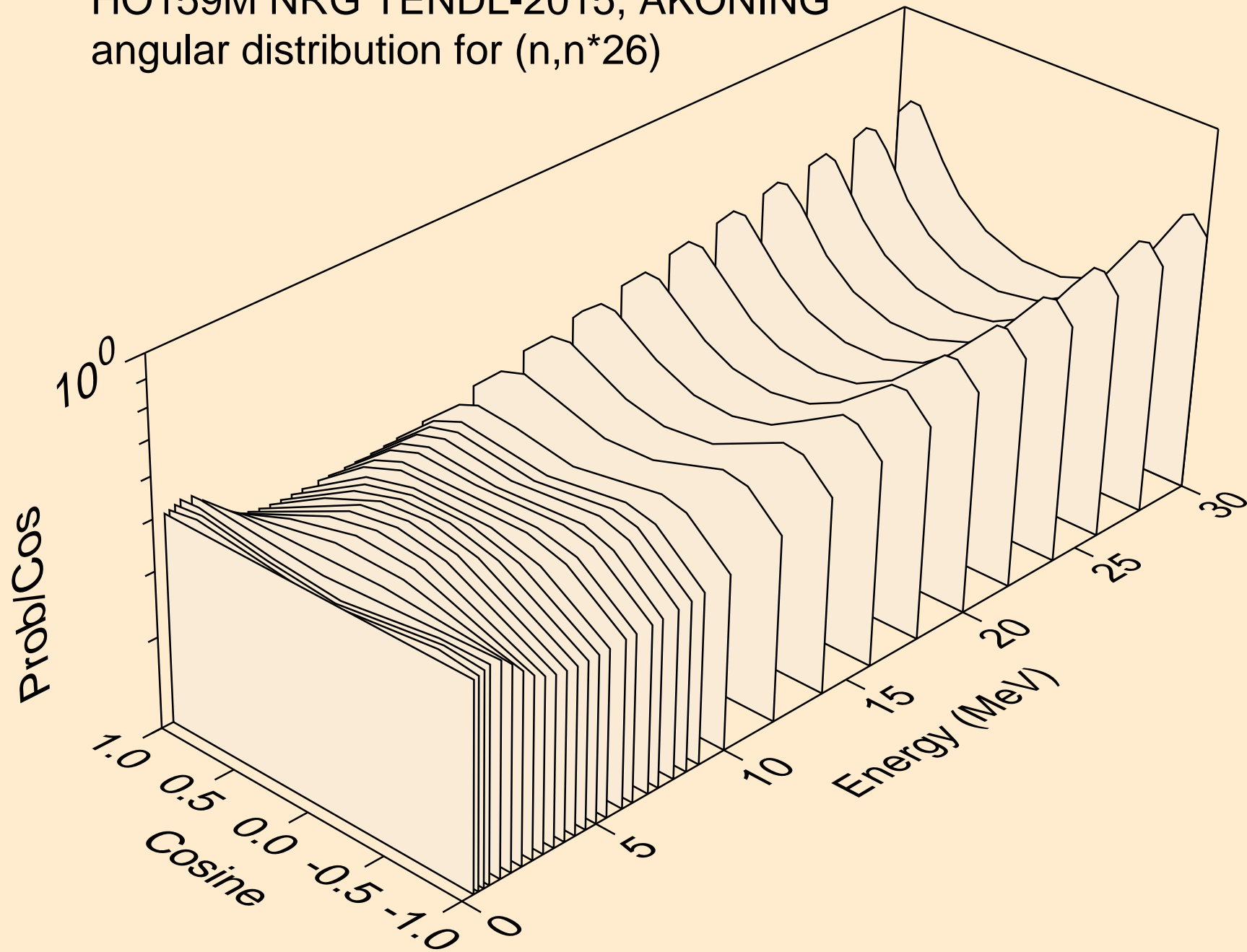
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angular distribution for (n,n\*24)



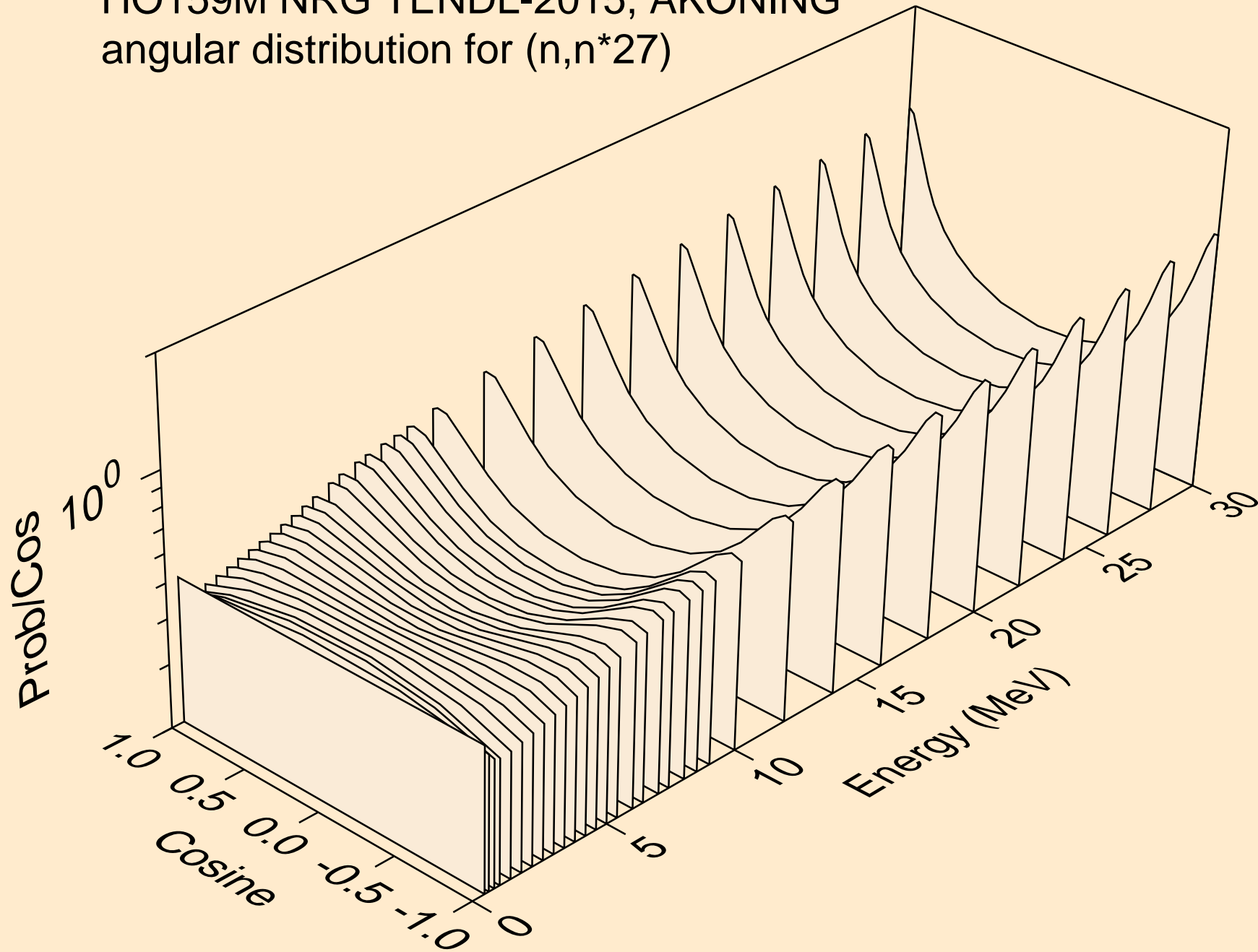
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



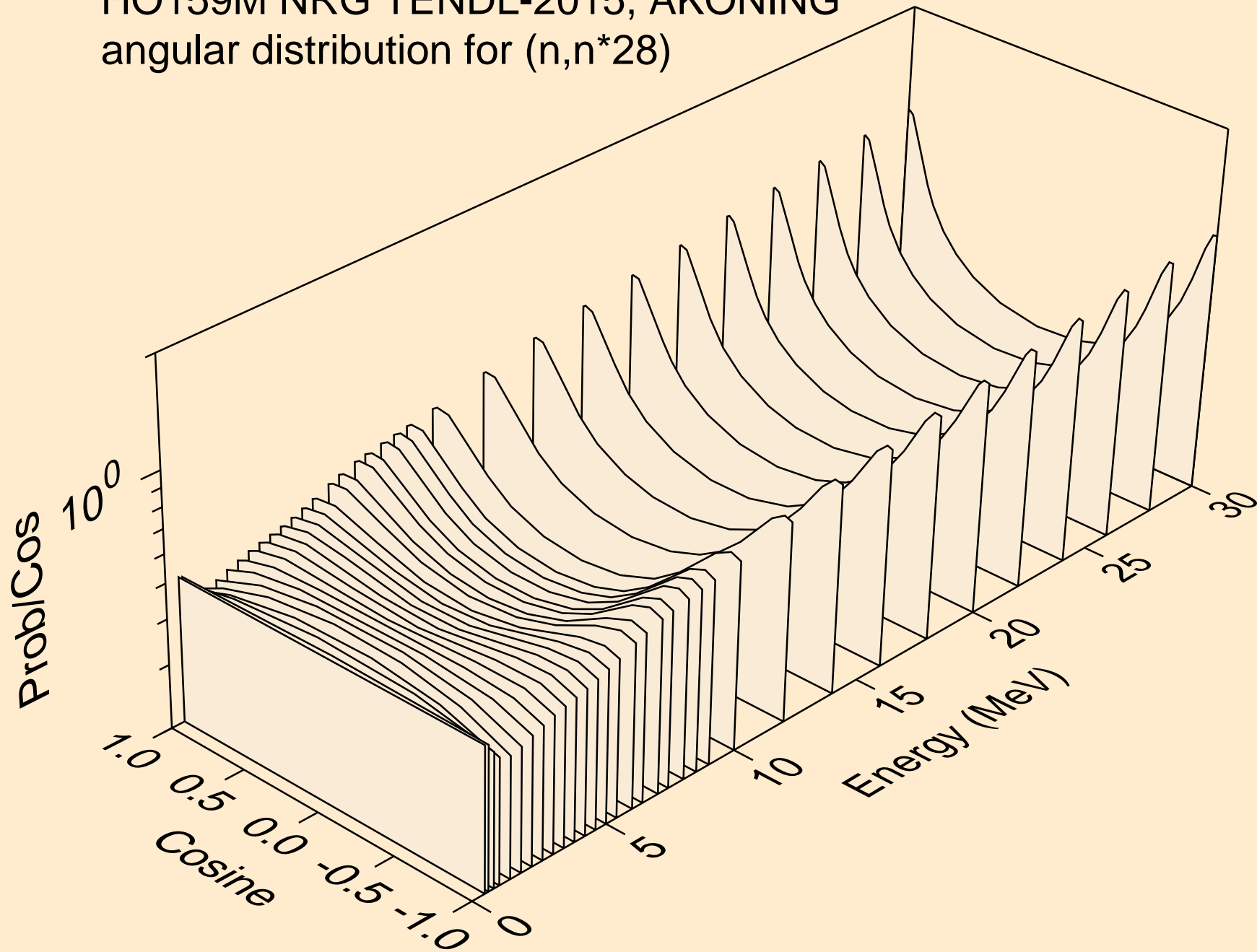
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angular distribution for (n,n\*26)



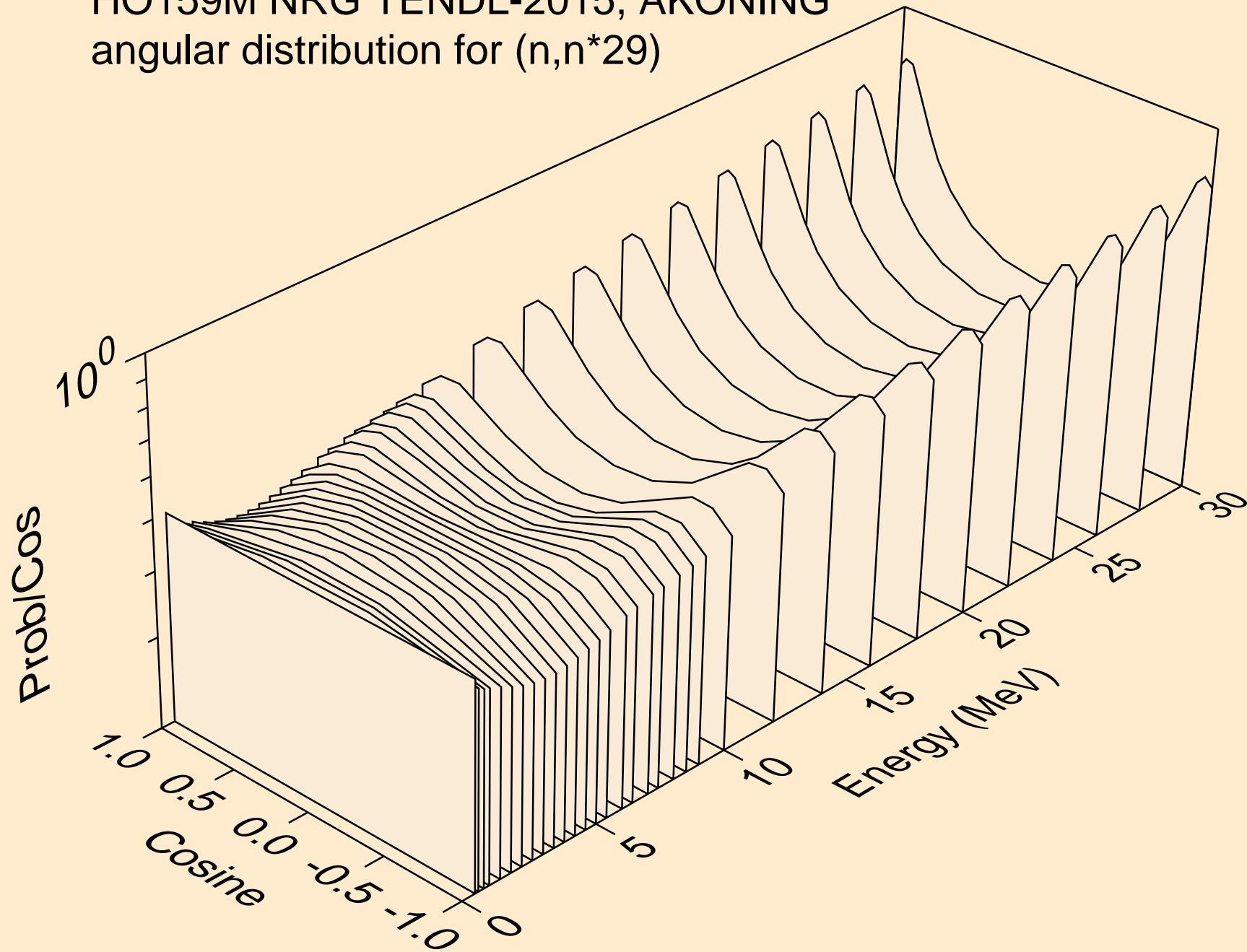
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angular distribution for (n,n\*27)



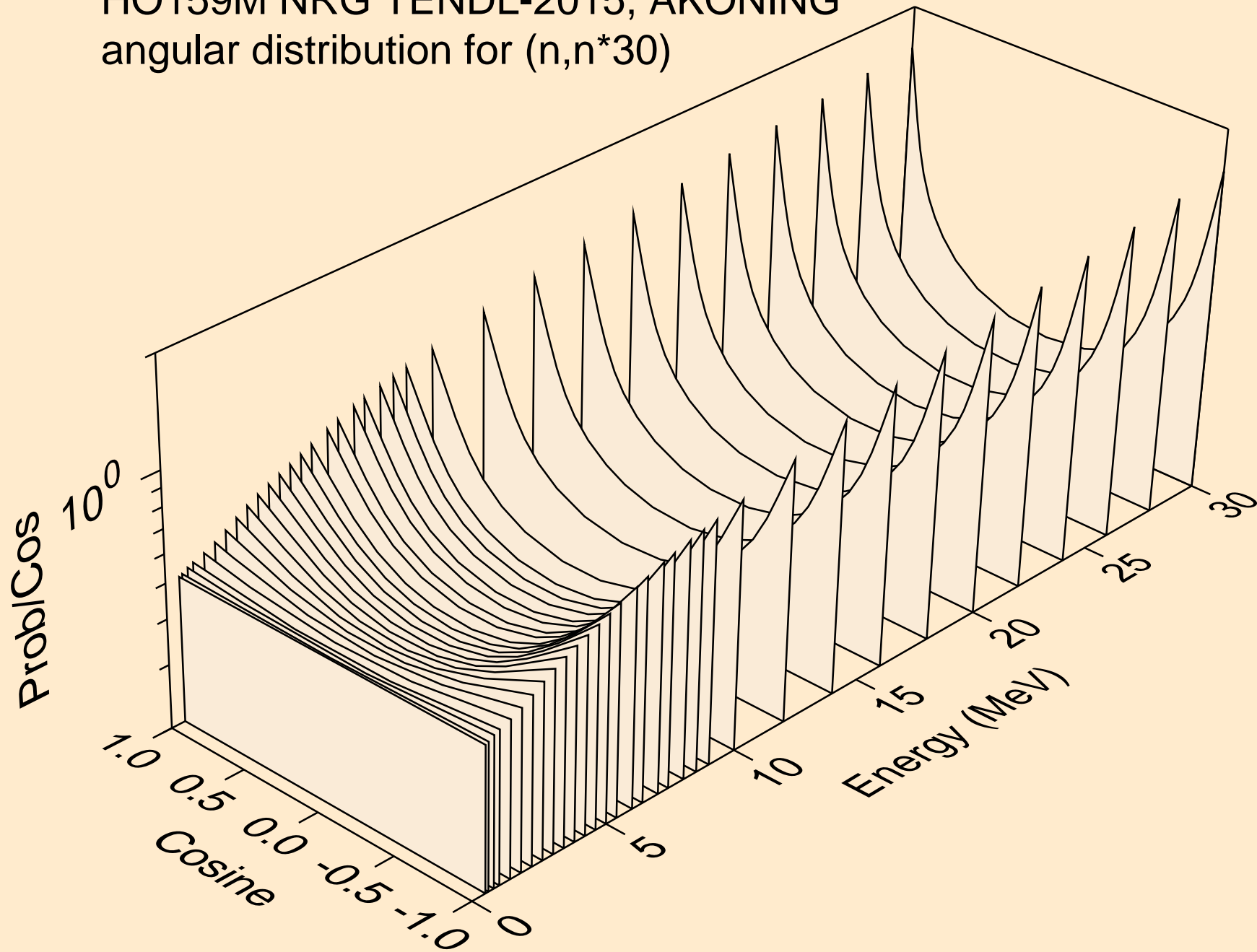
HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

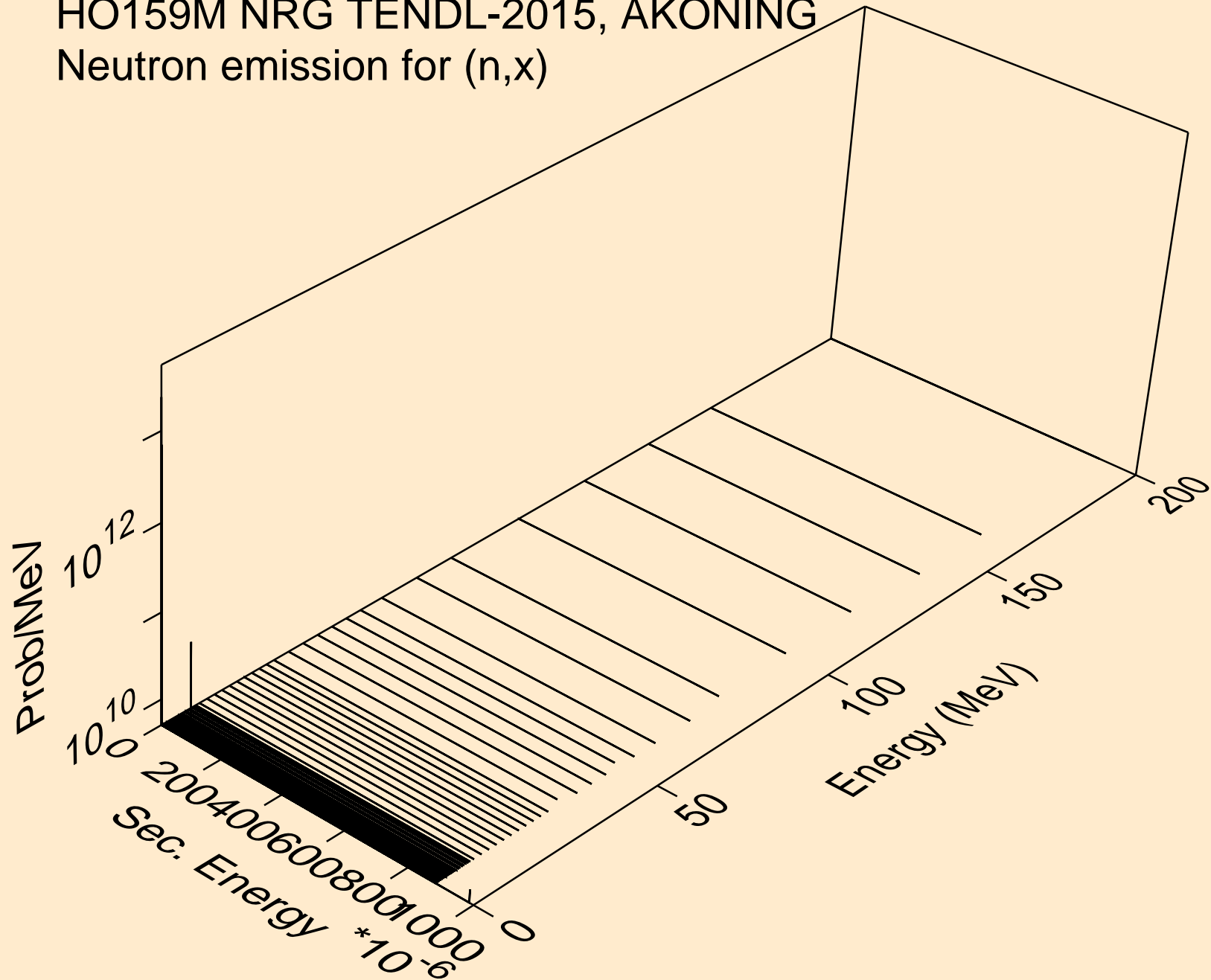


HO159M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

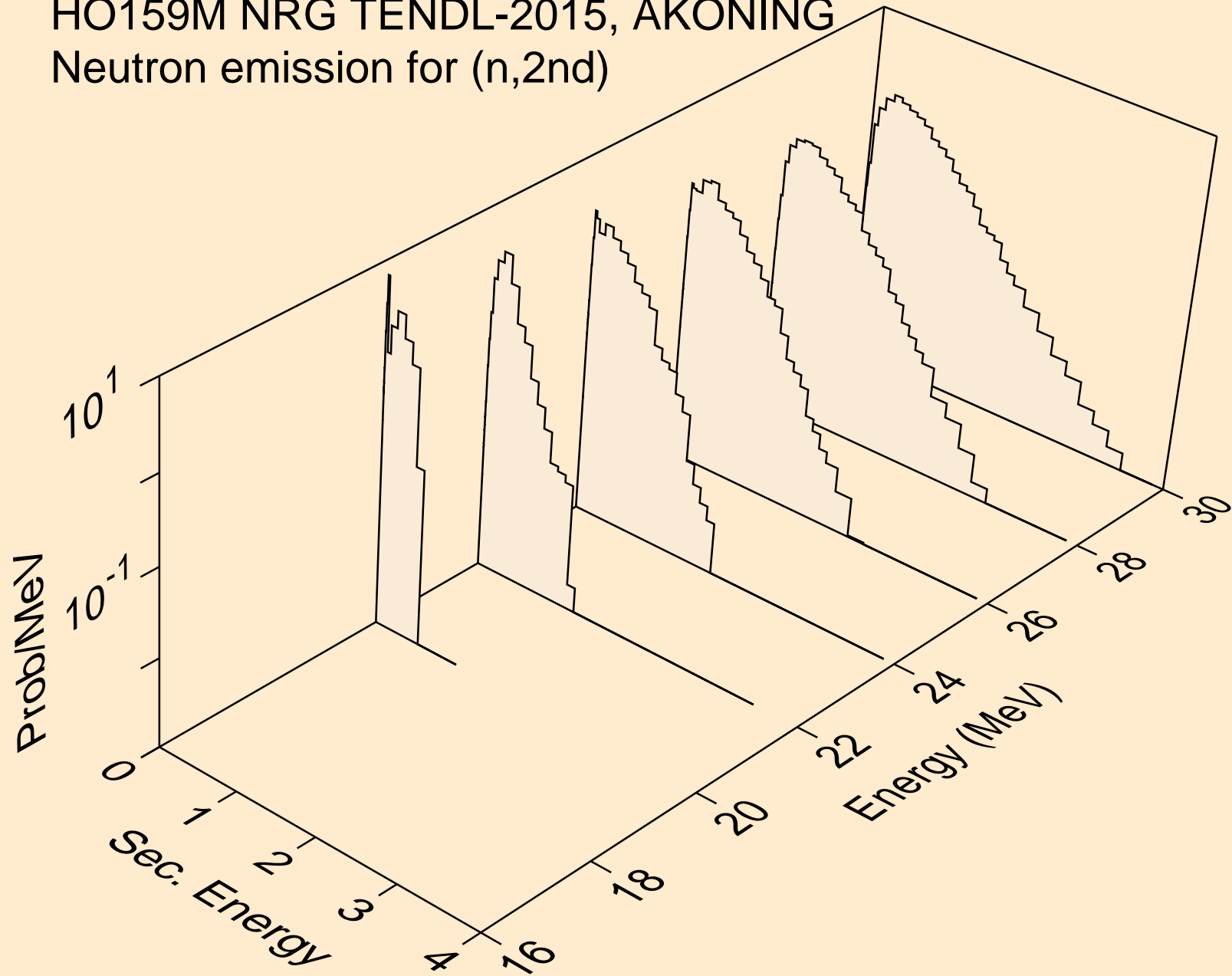




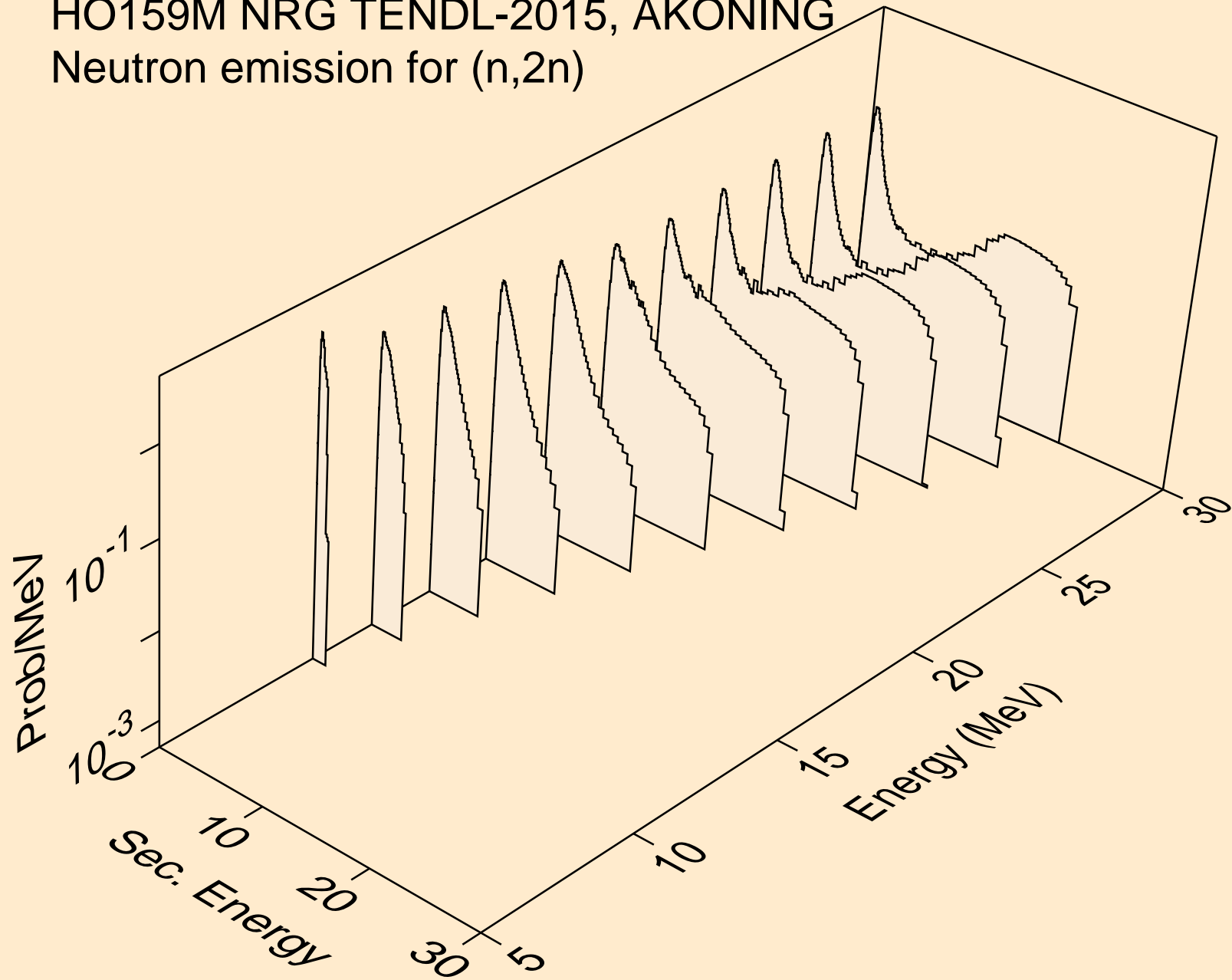
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



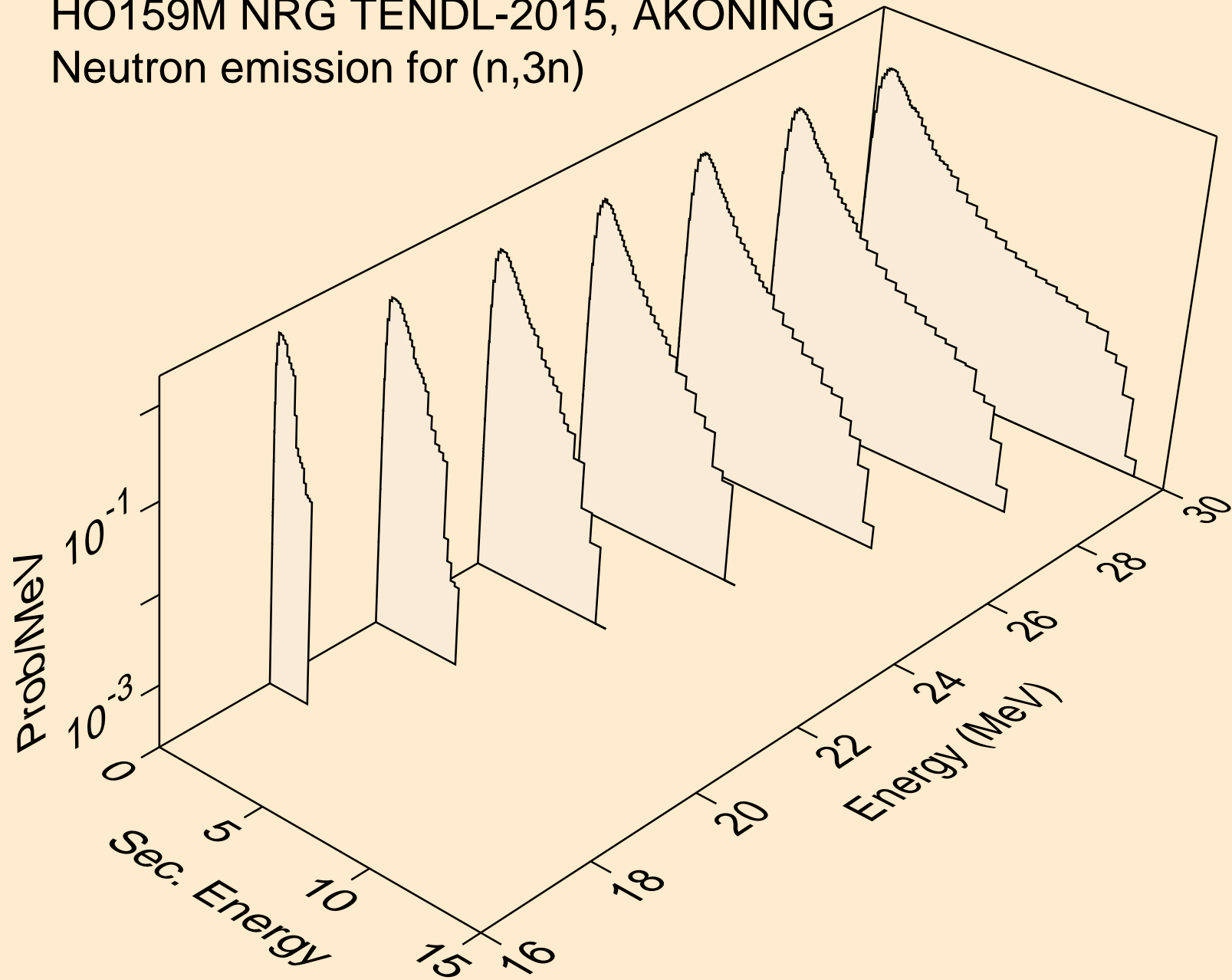
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



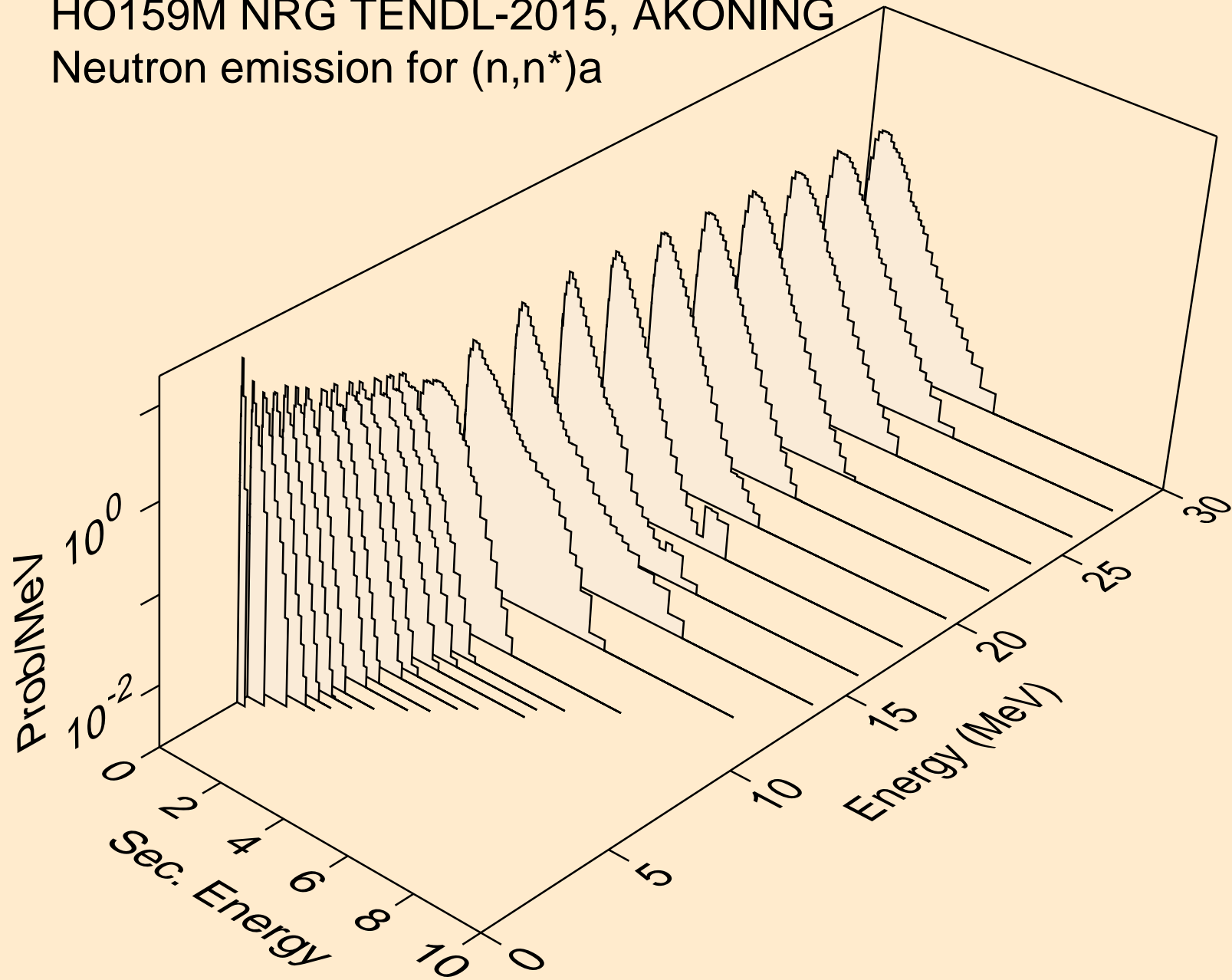
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



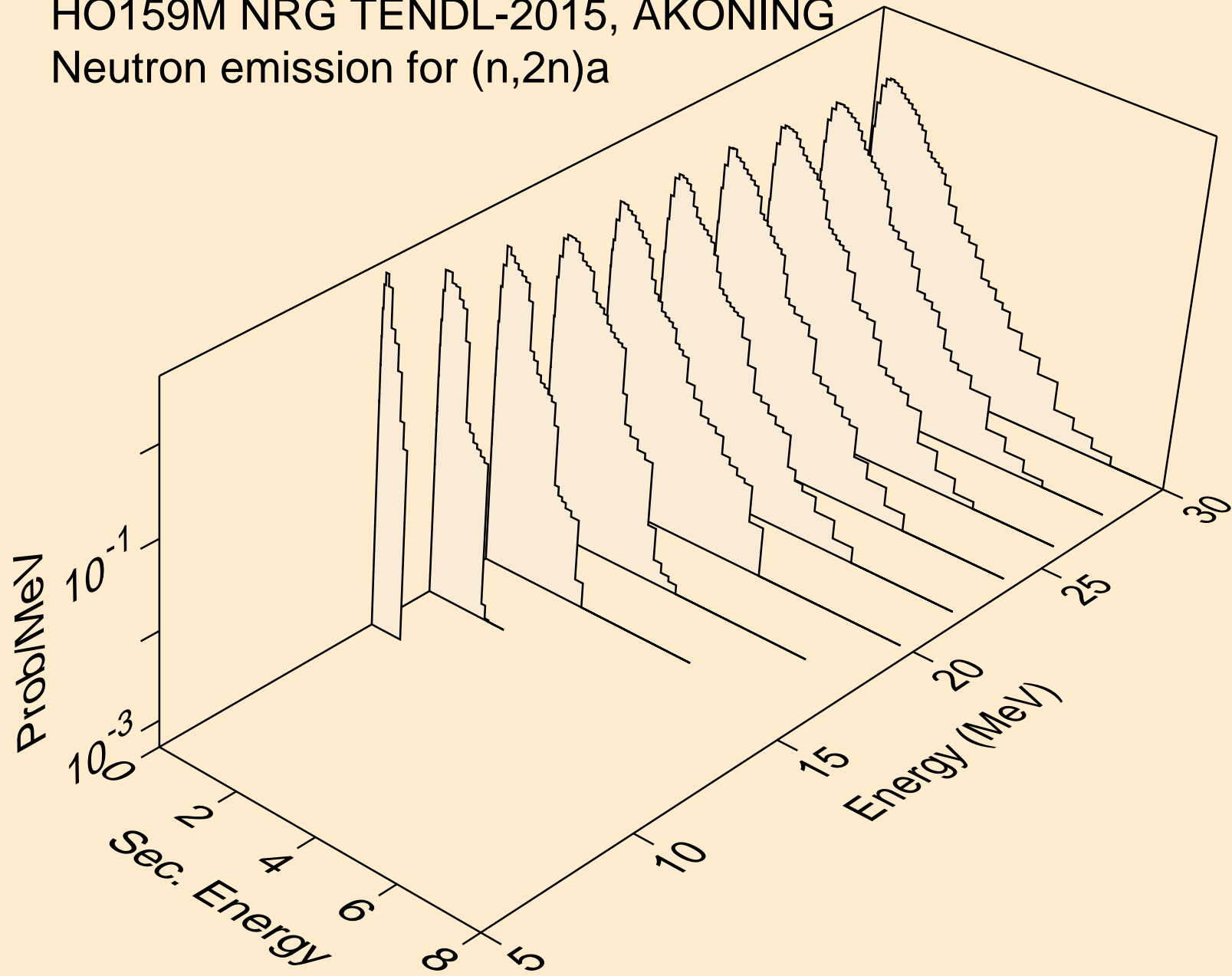
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



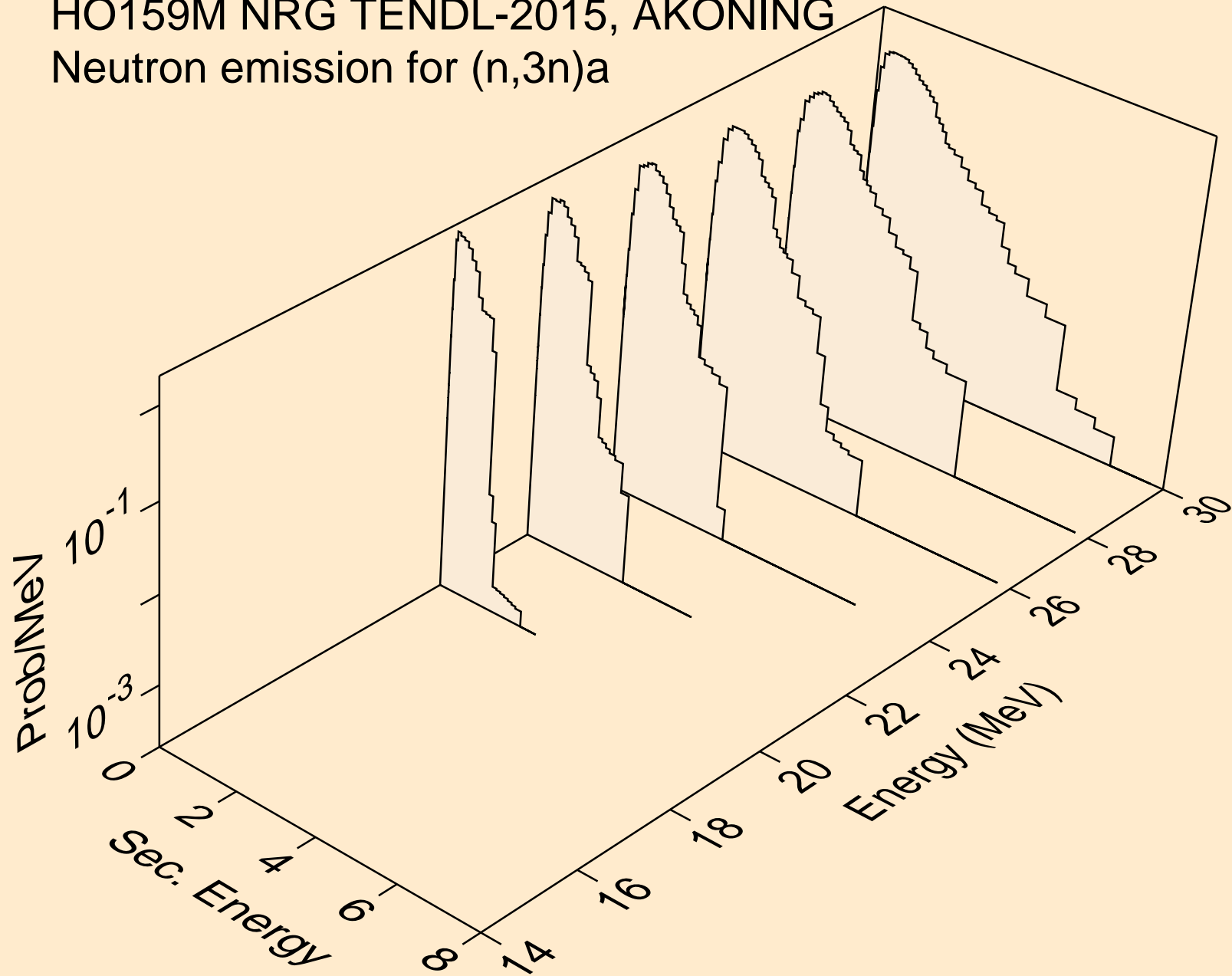
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



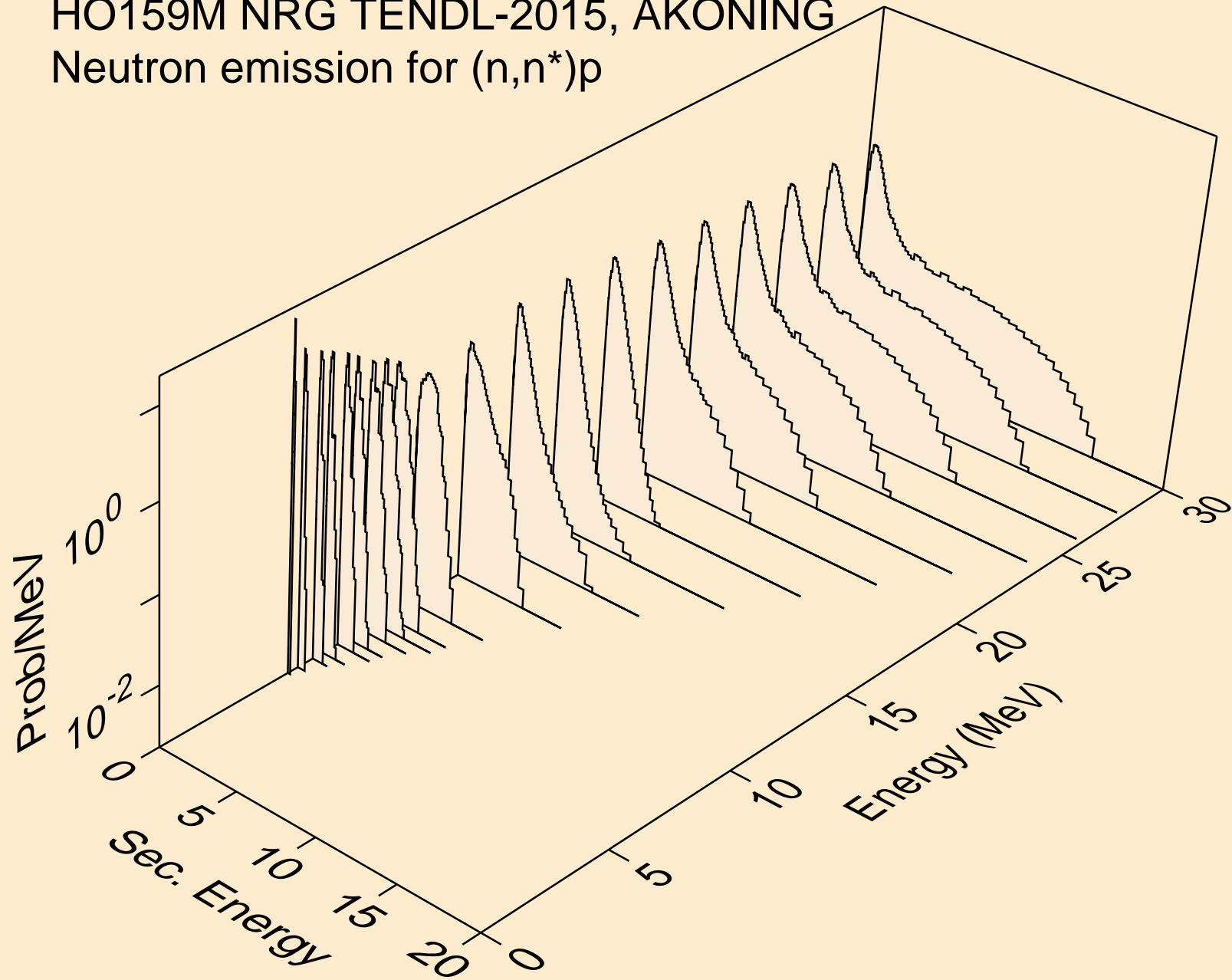
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

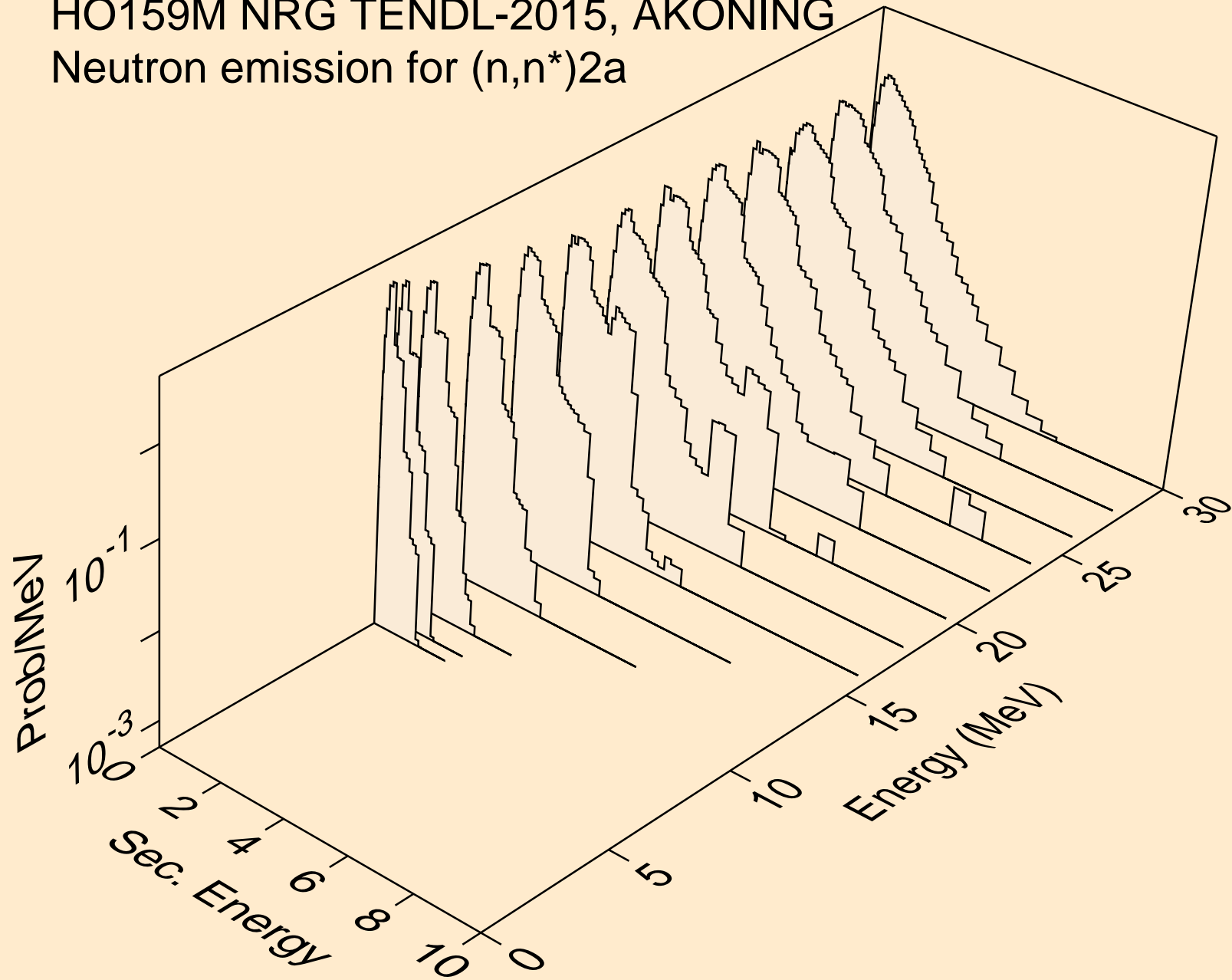


HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

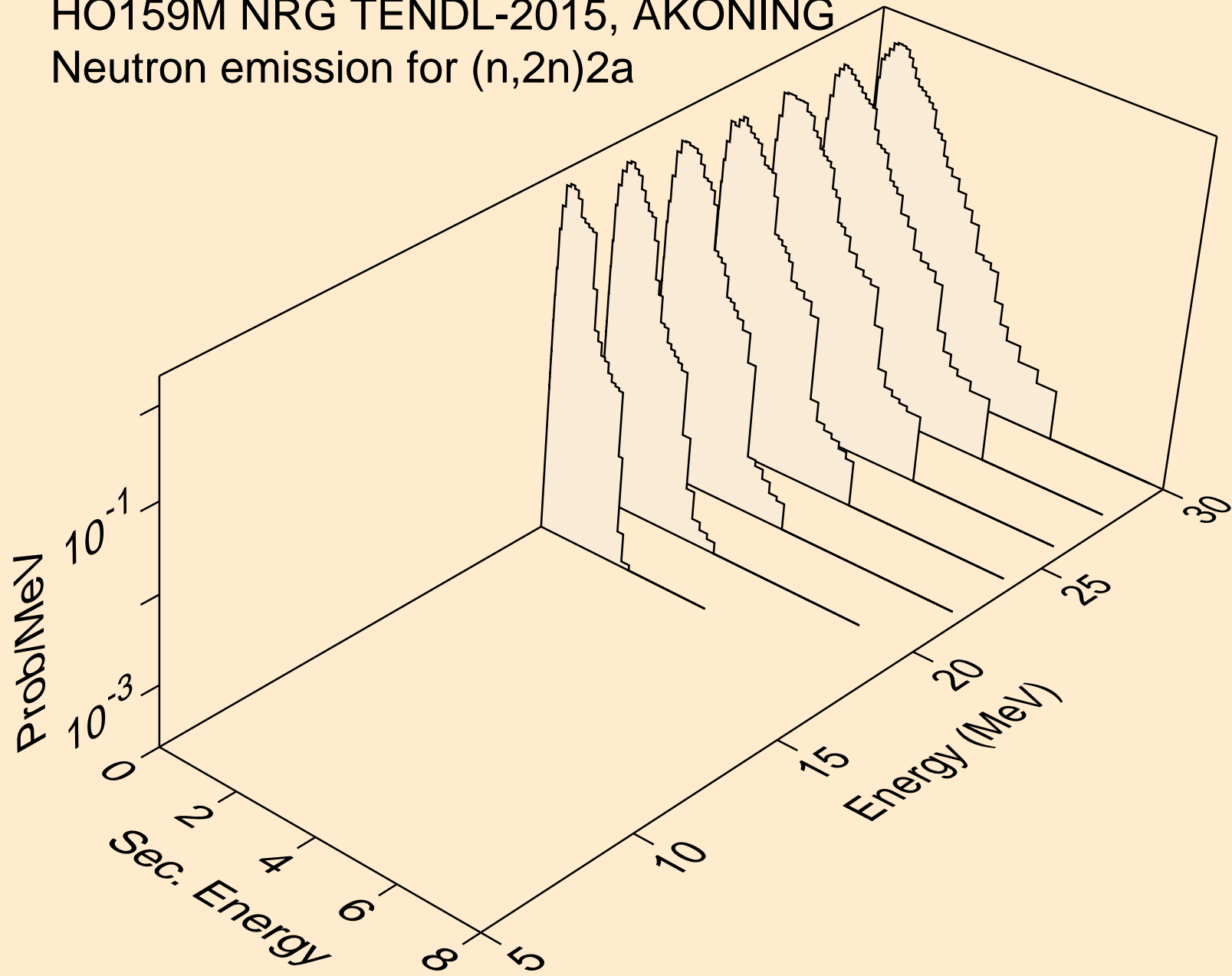




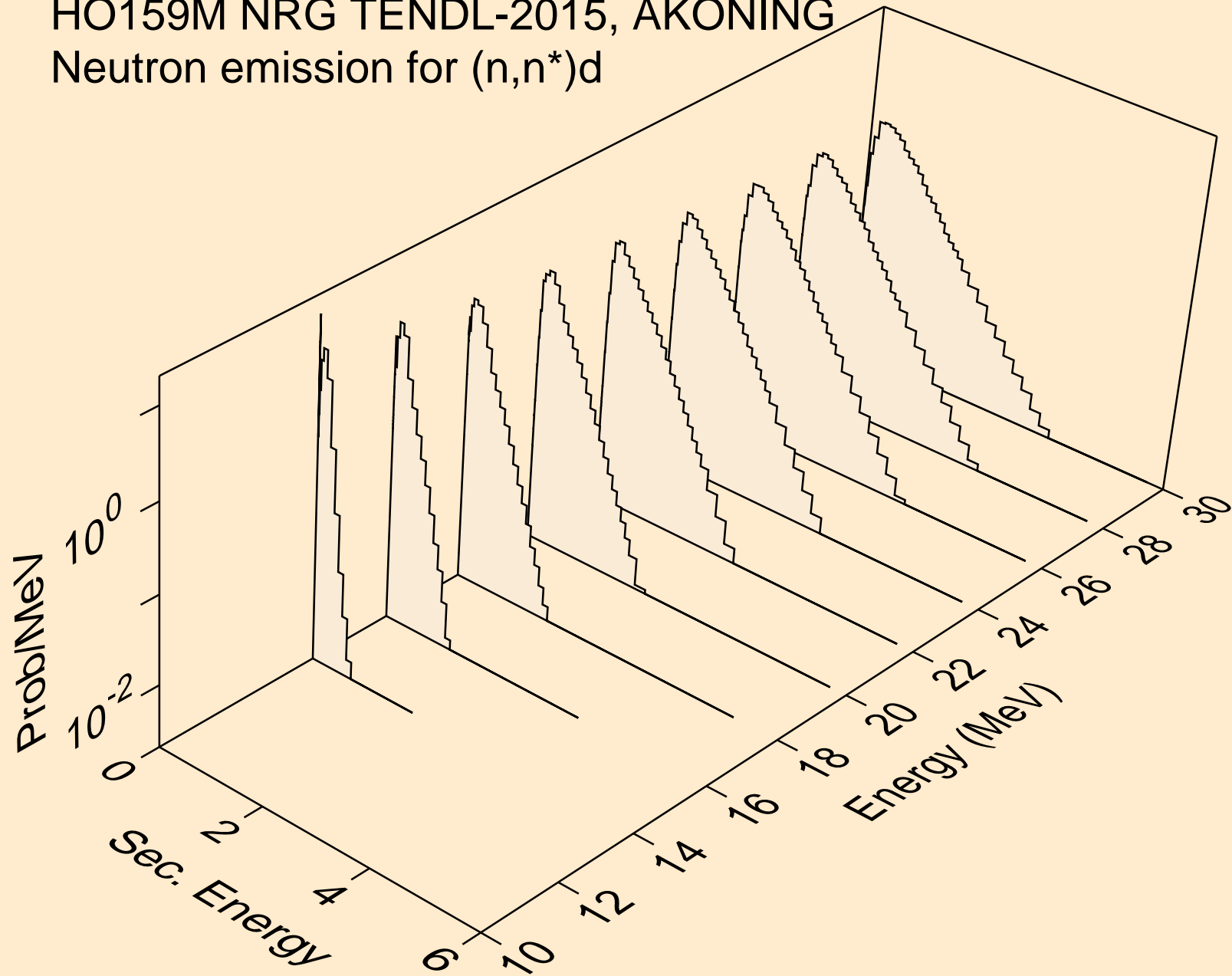
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



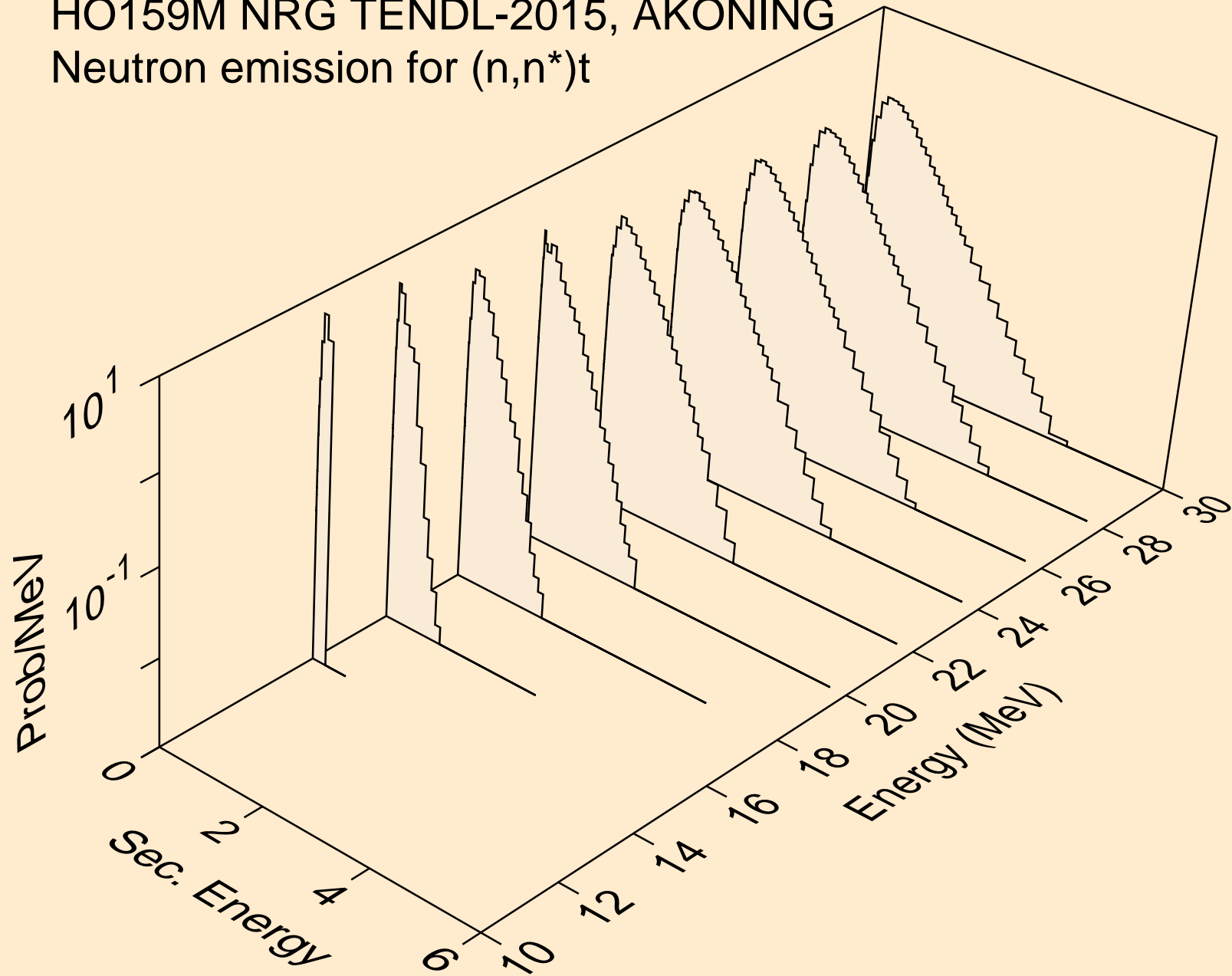
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



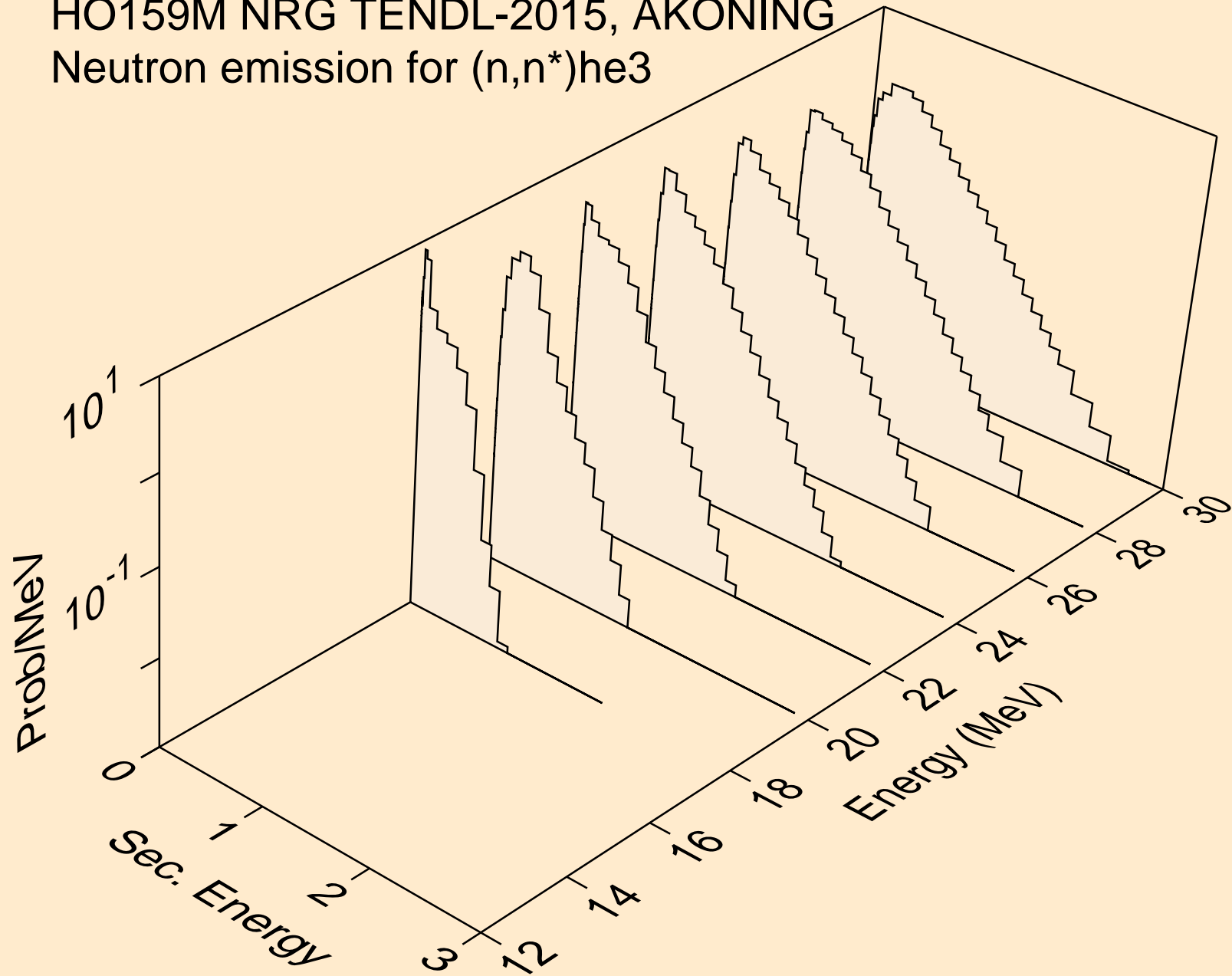
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



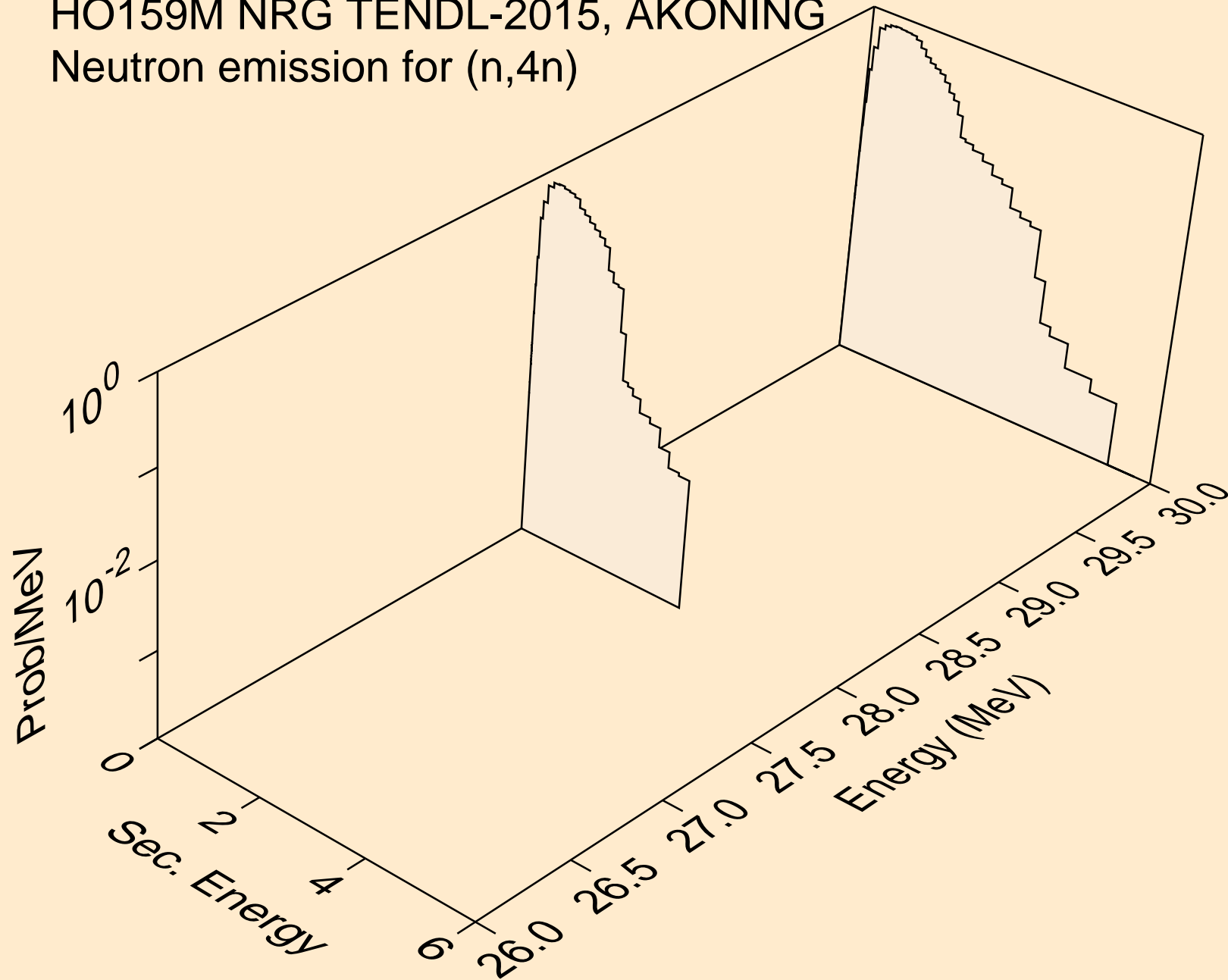
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



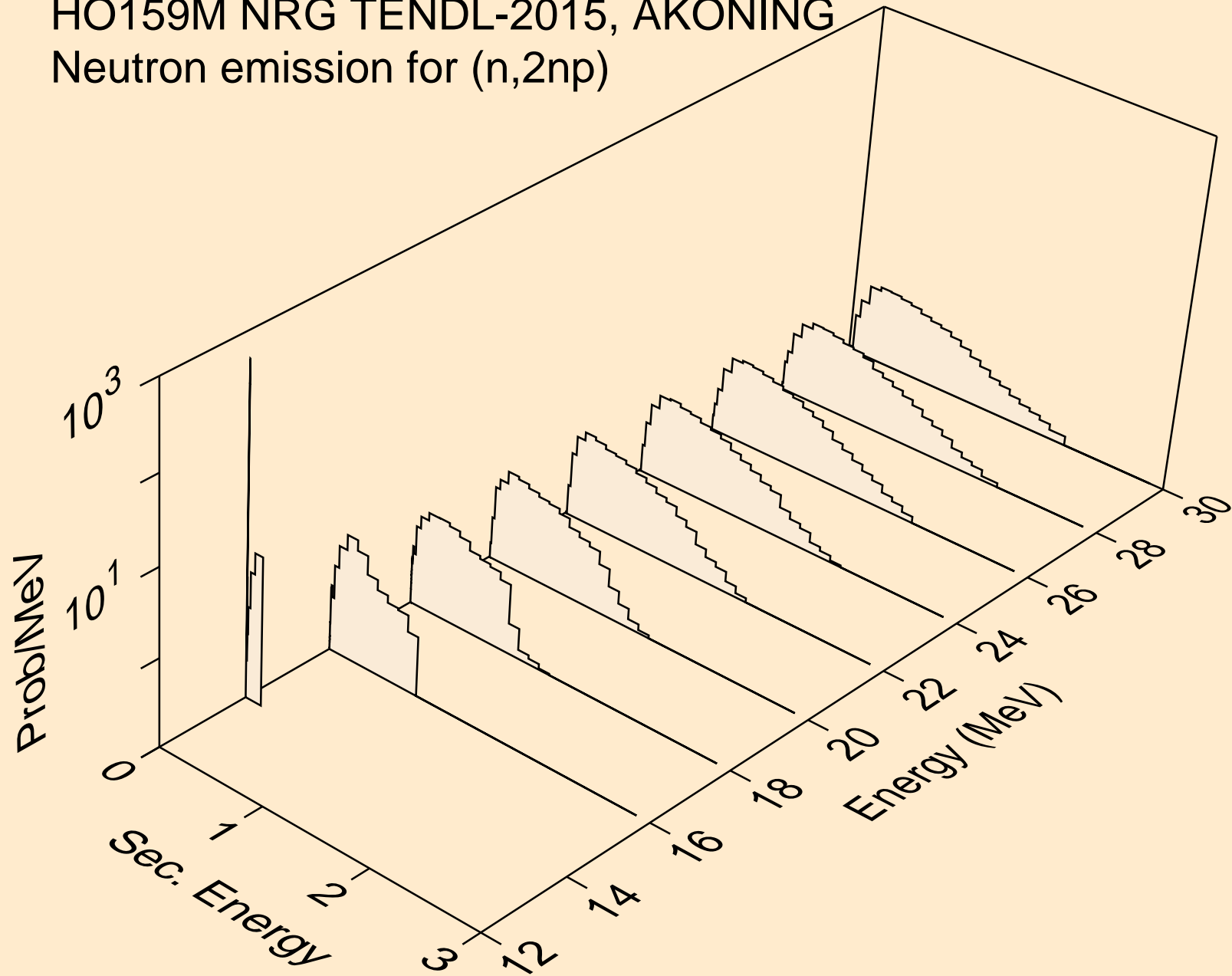
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



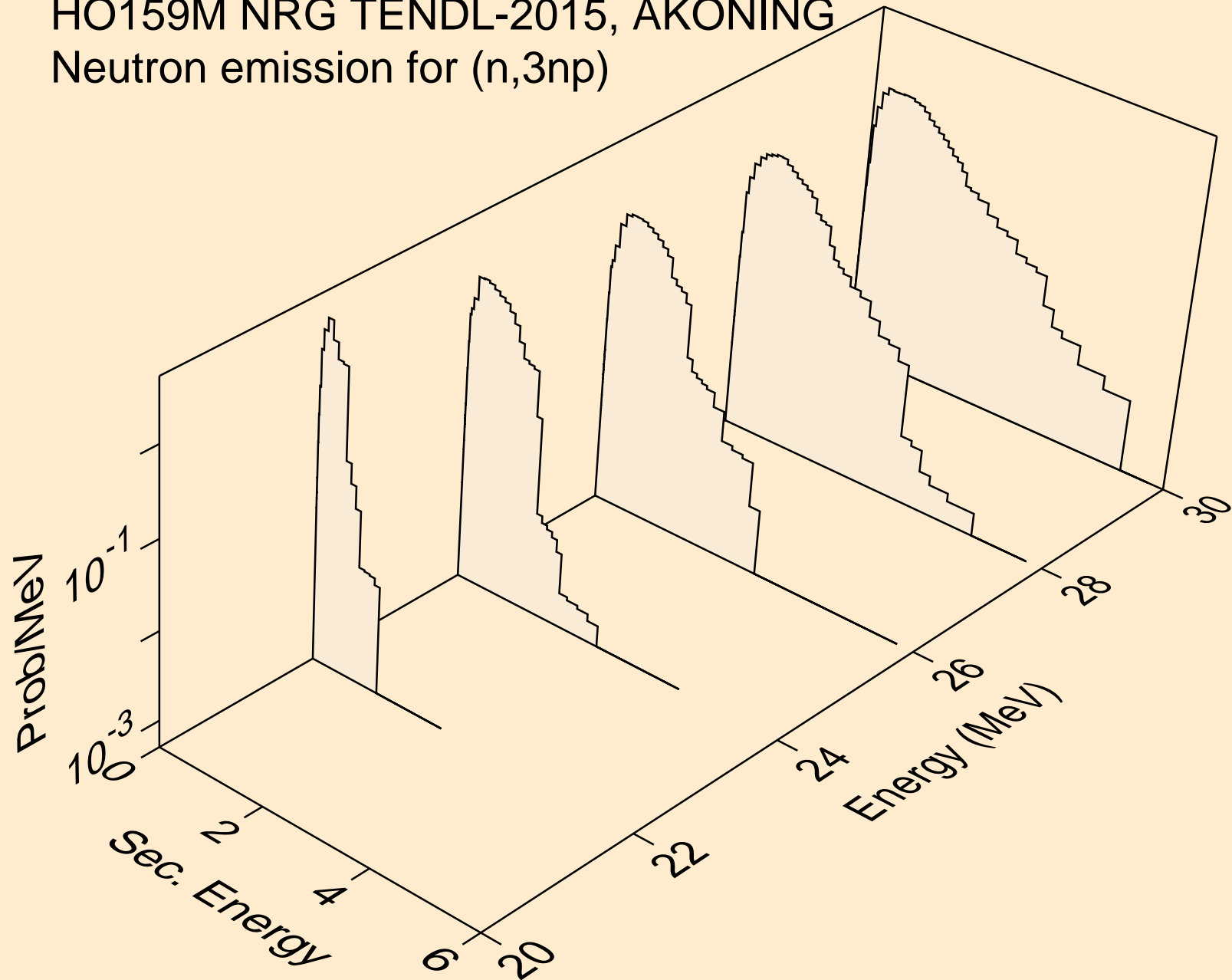
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

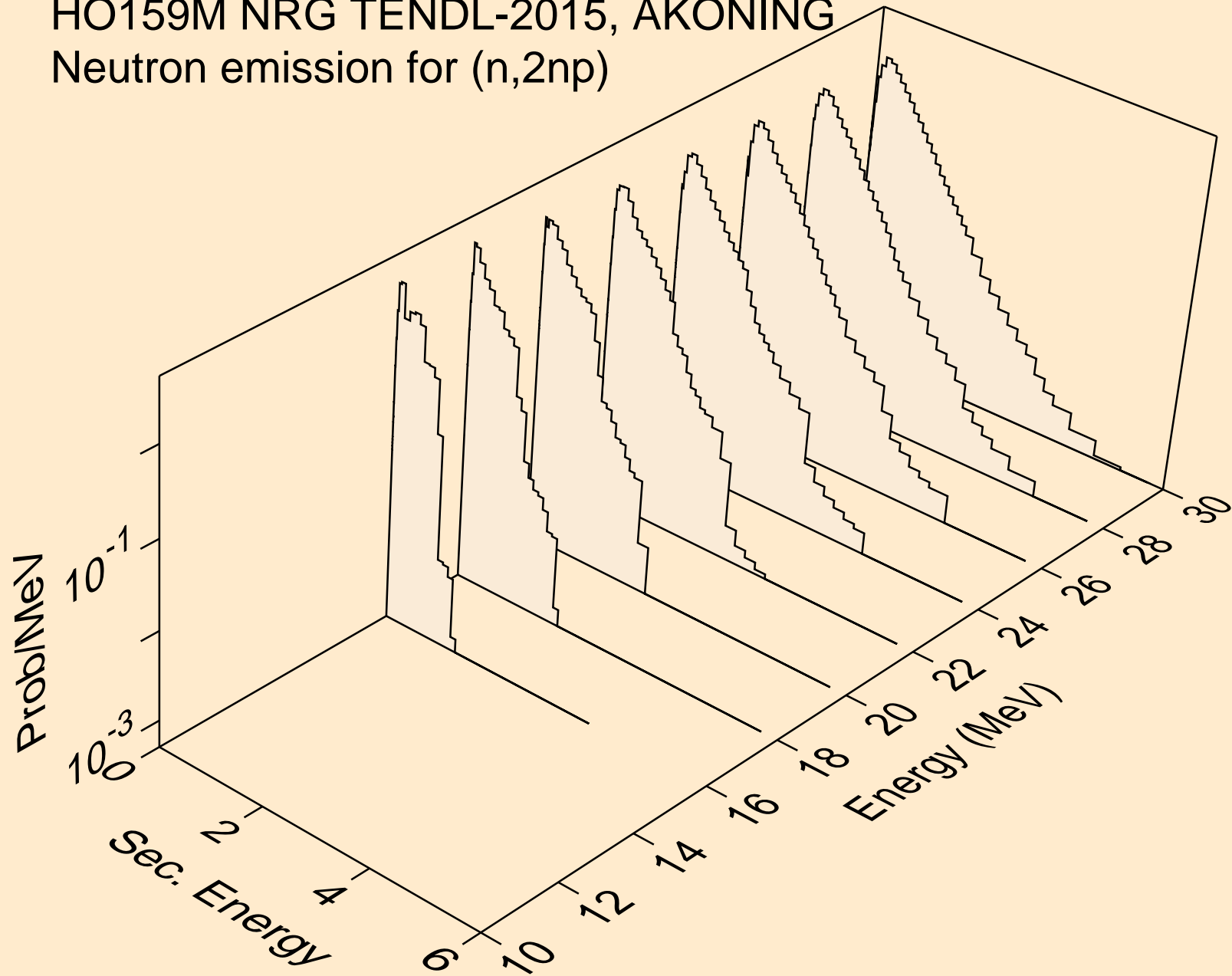


HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

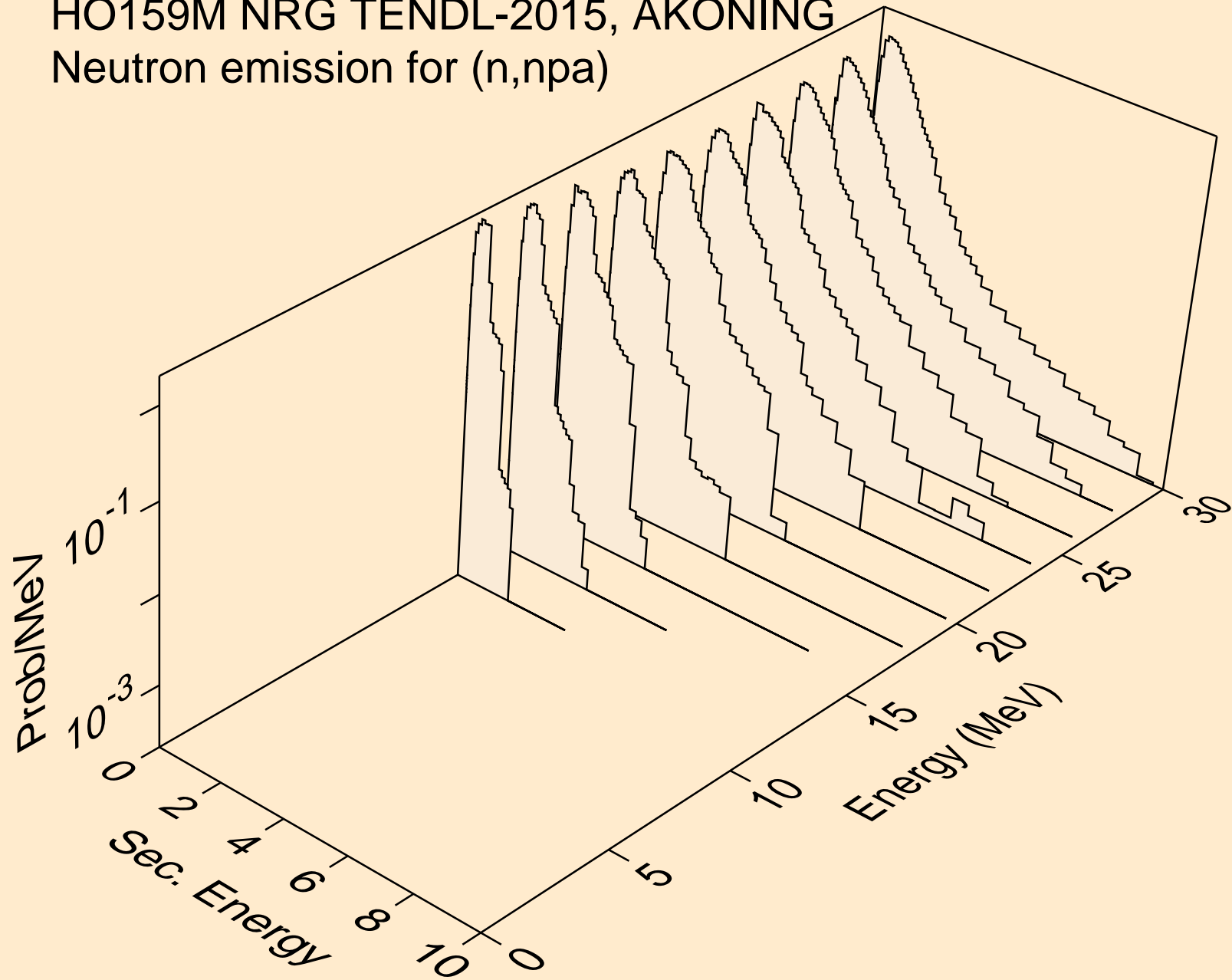




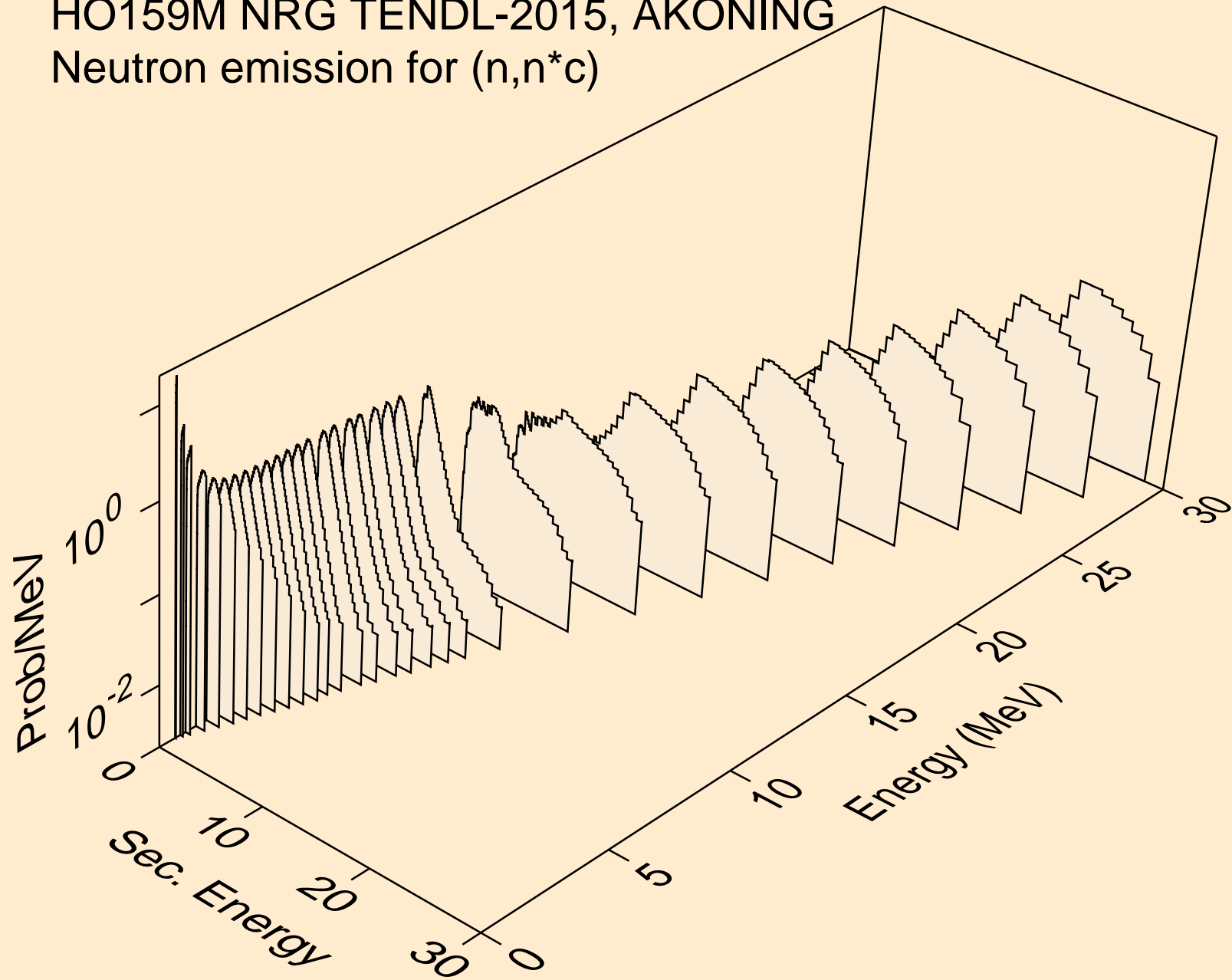
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



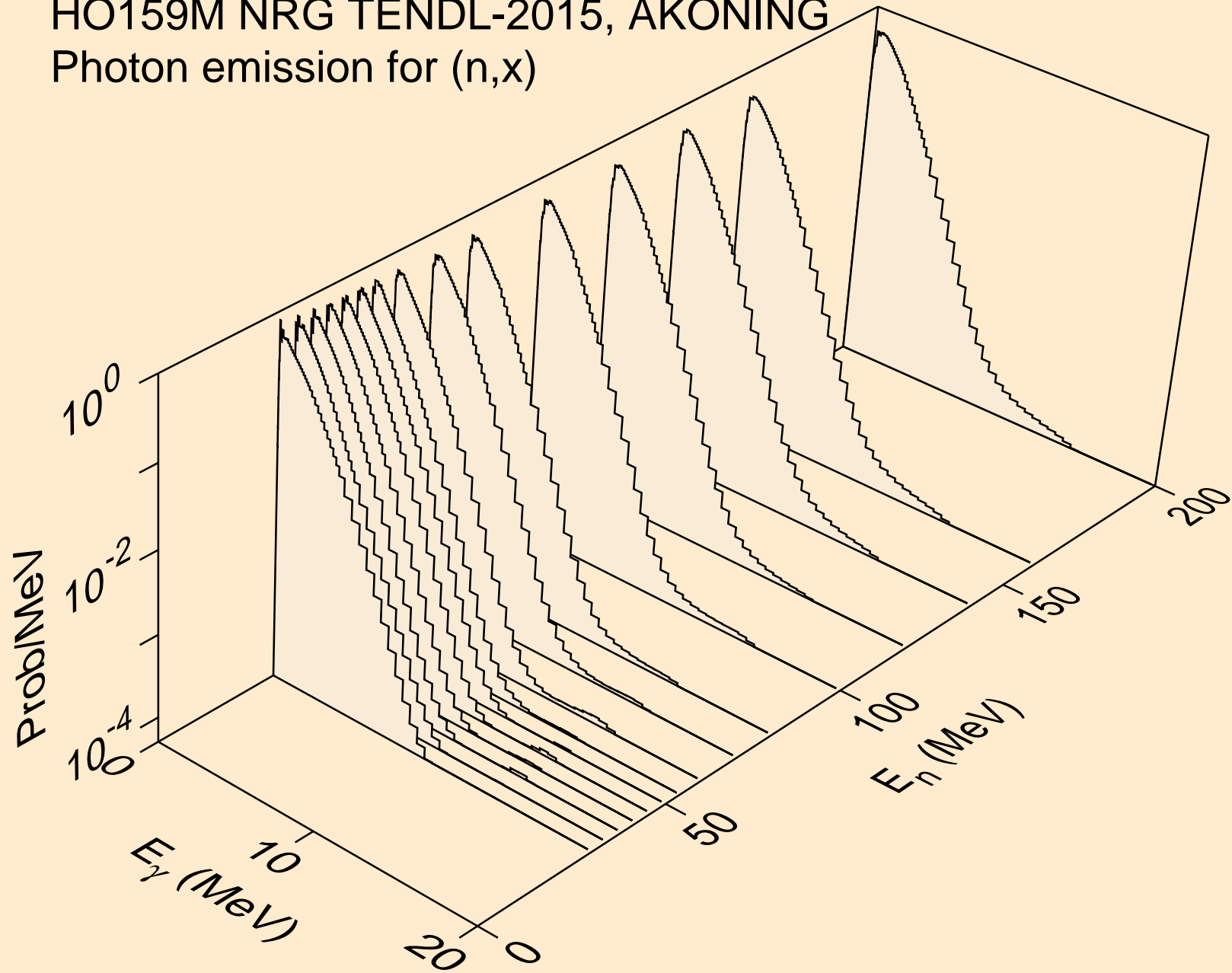
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



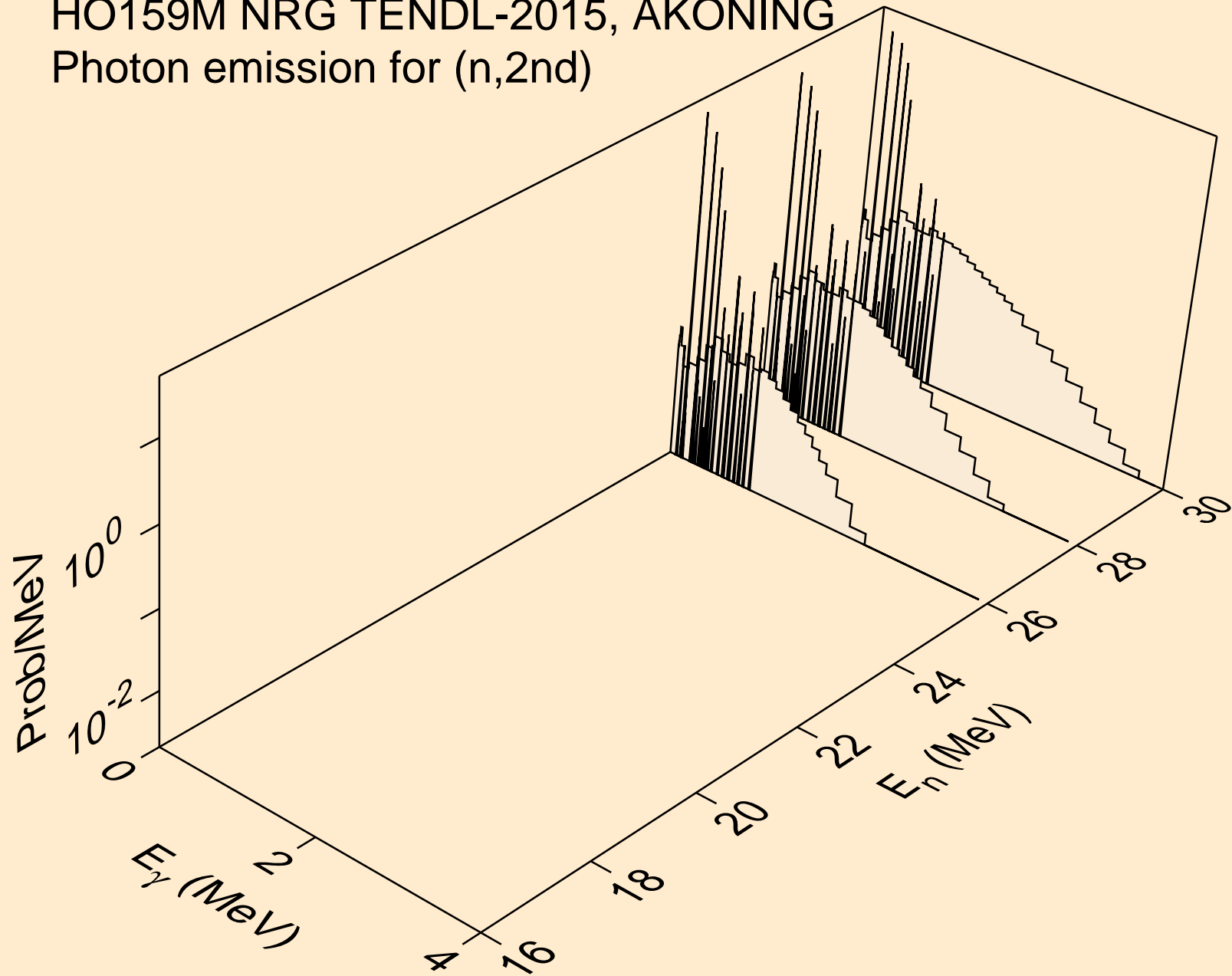
HO159M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



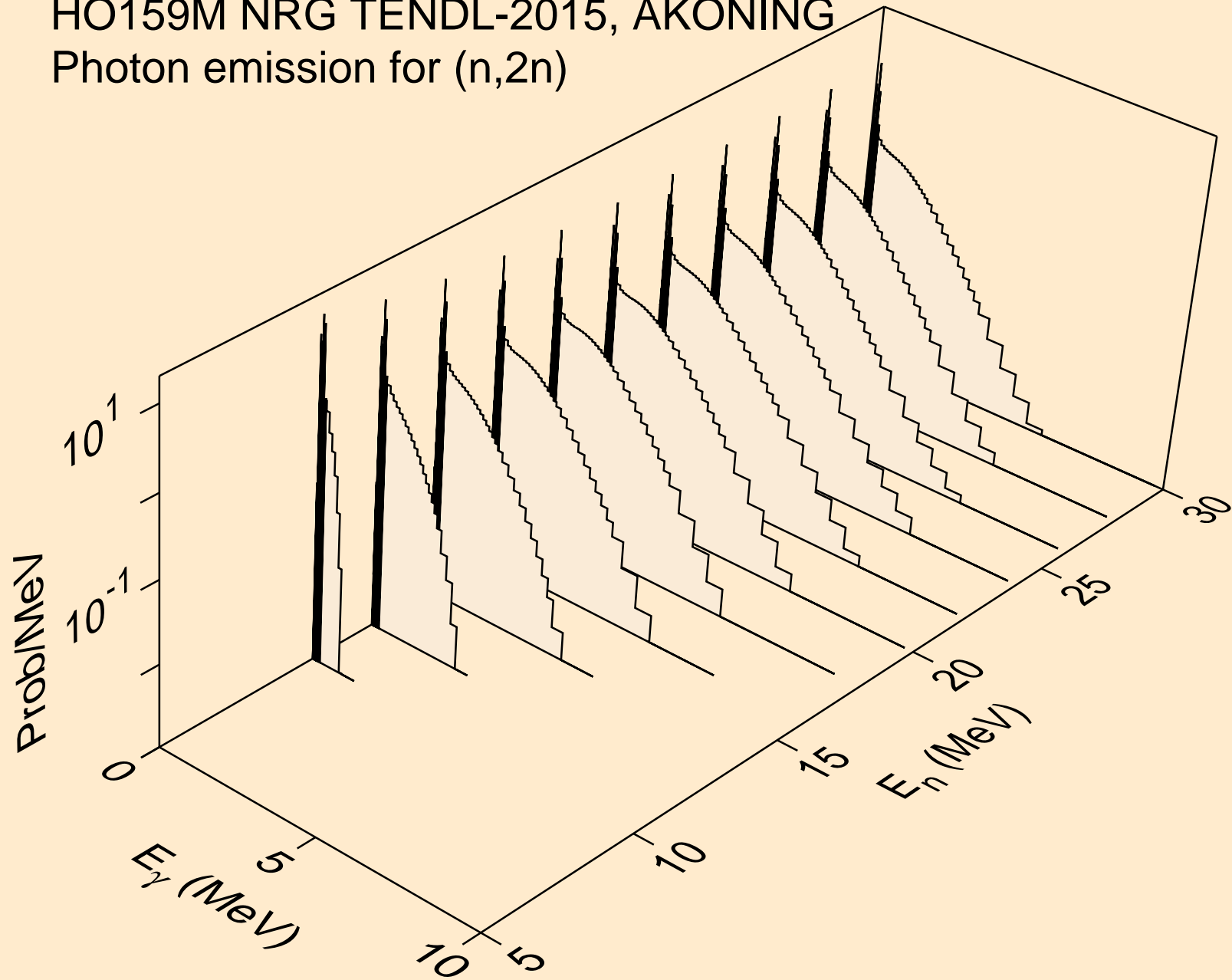
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



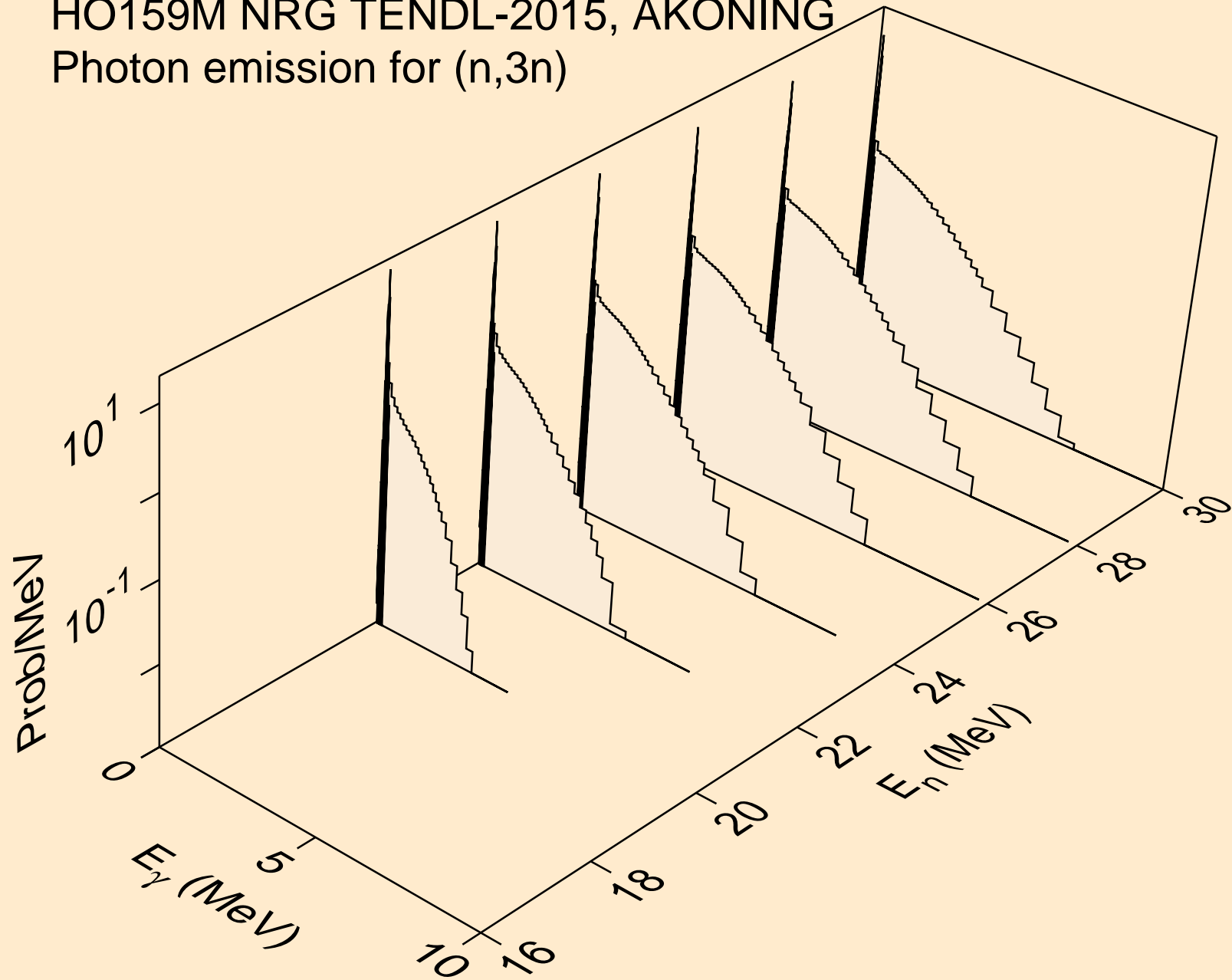
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



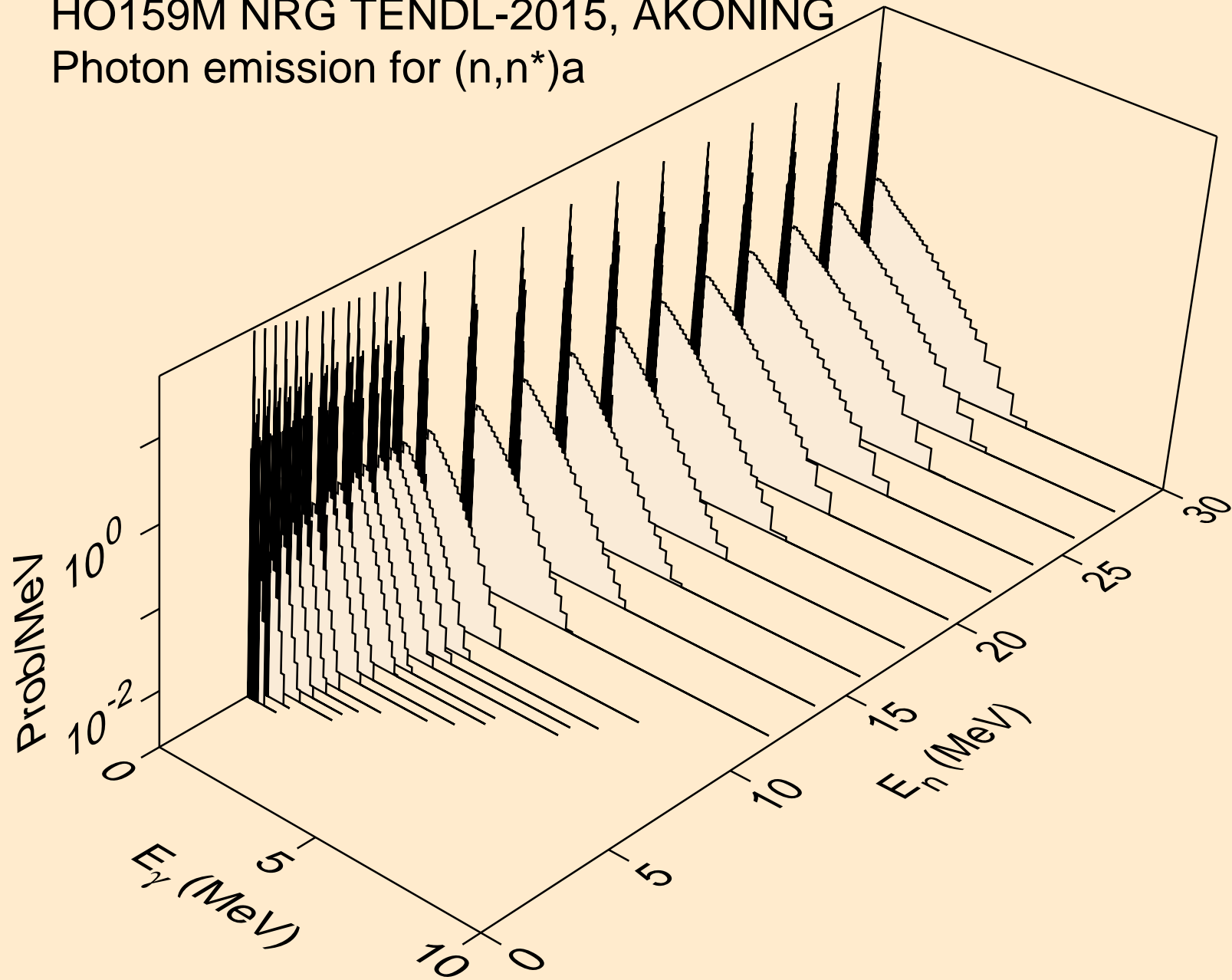
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

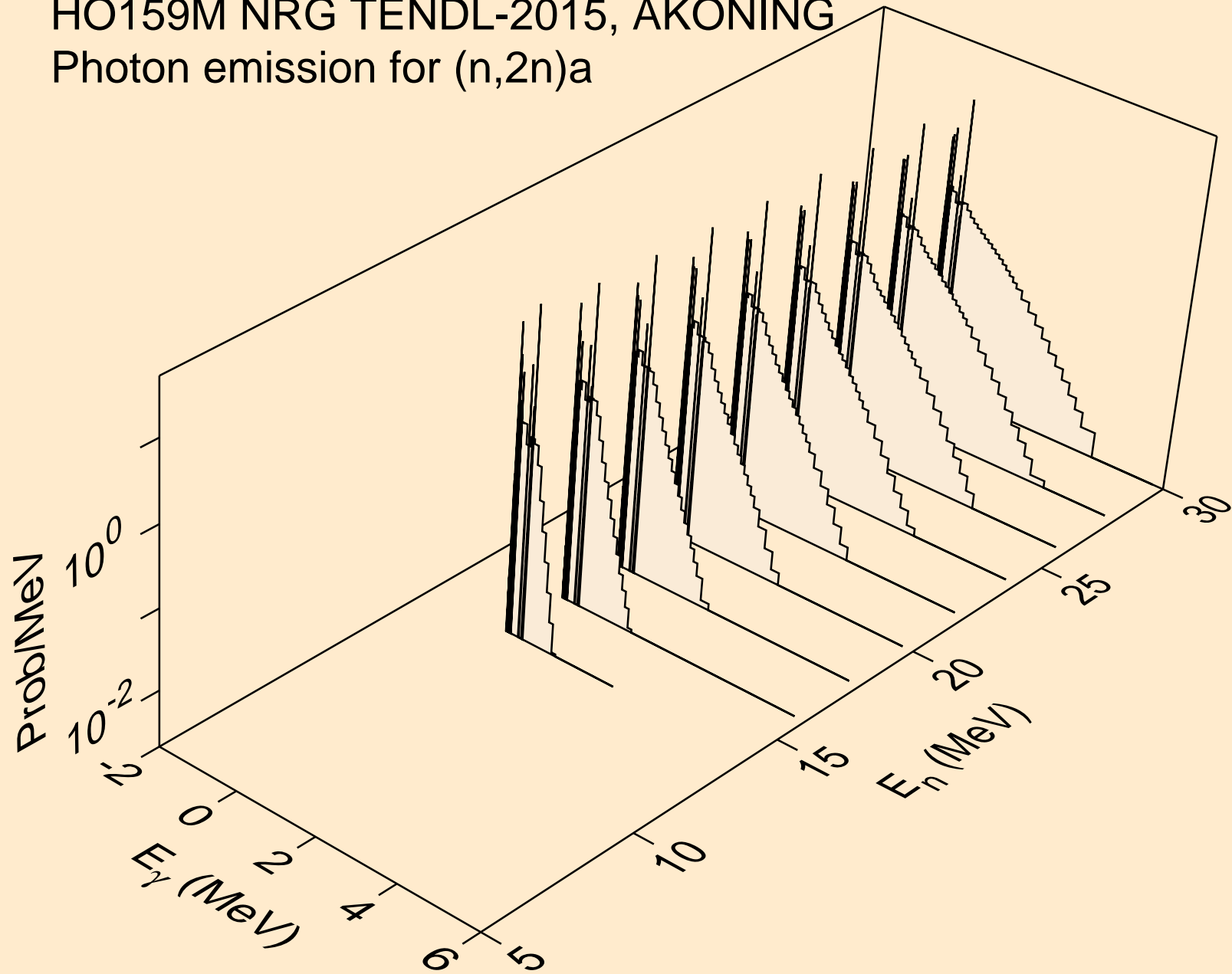


HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

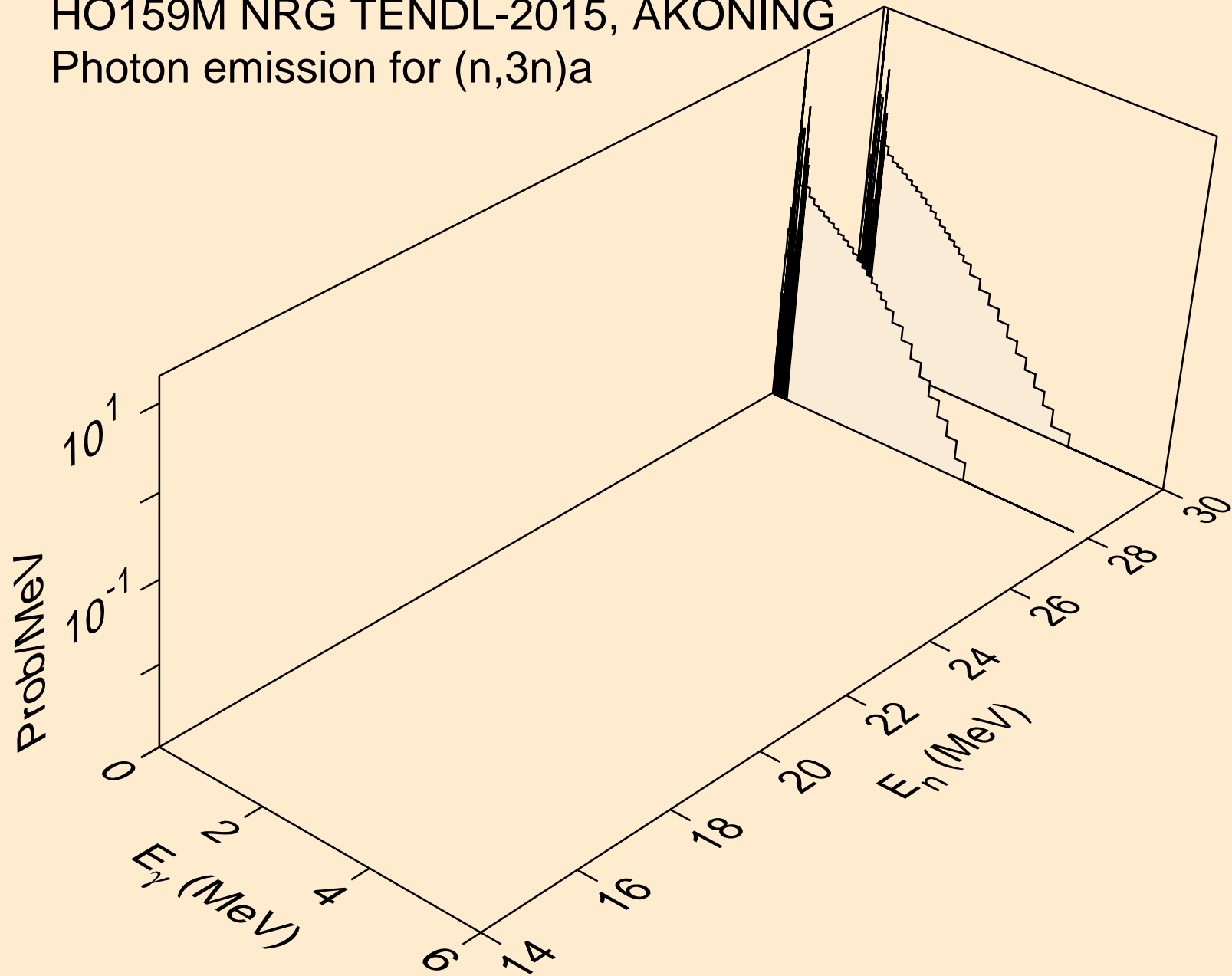




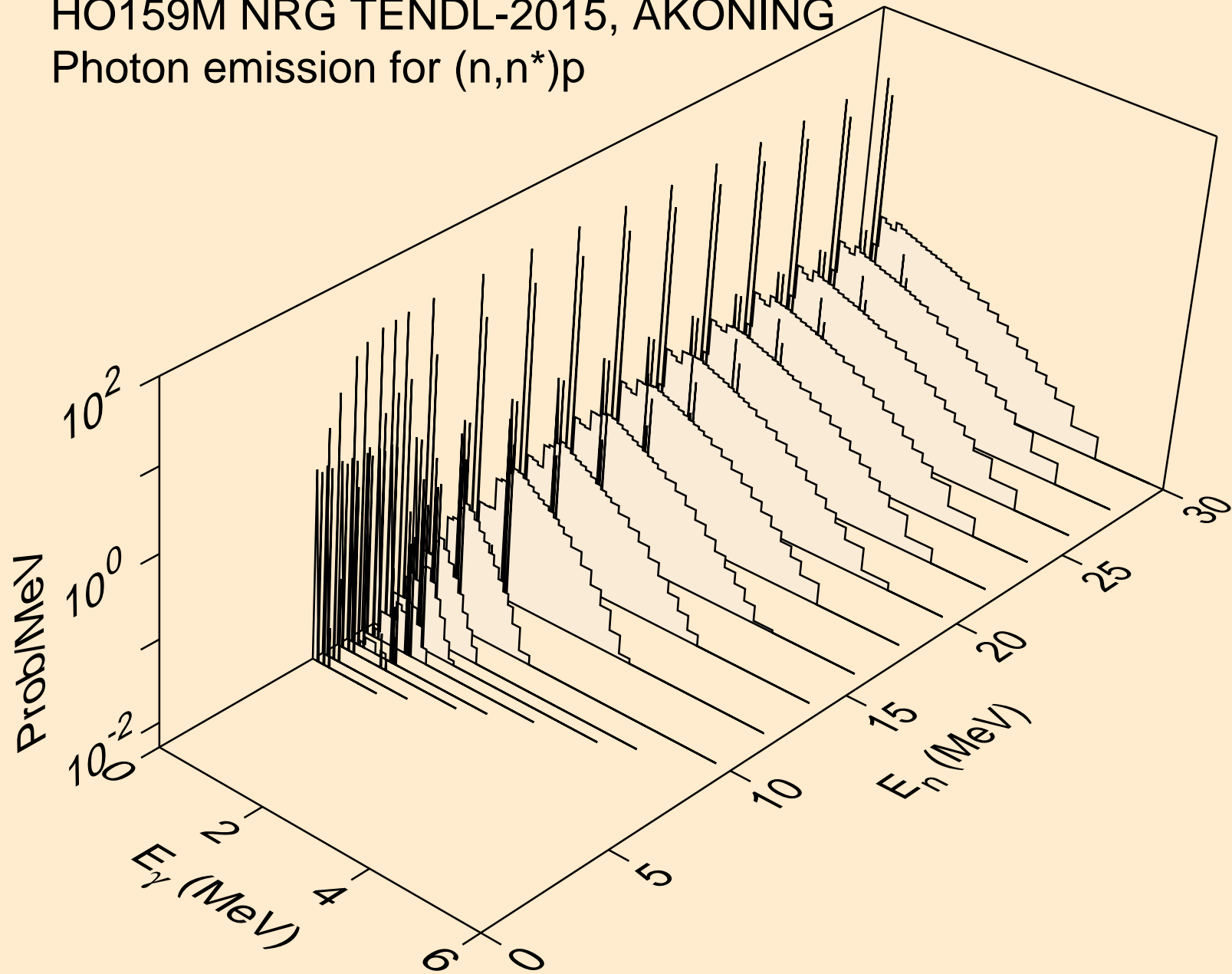
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



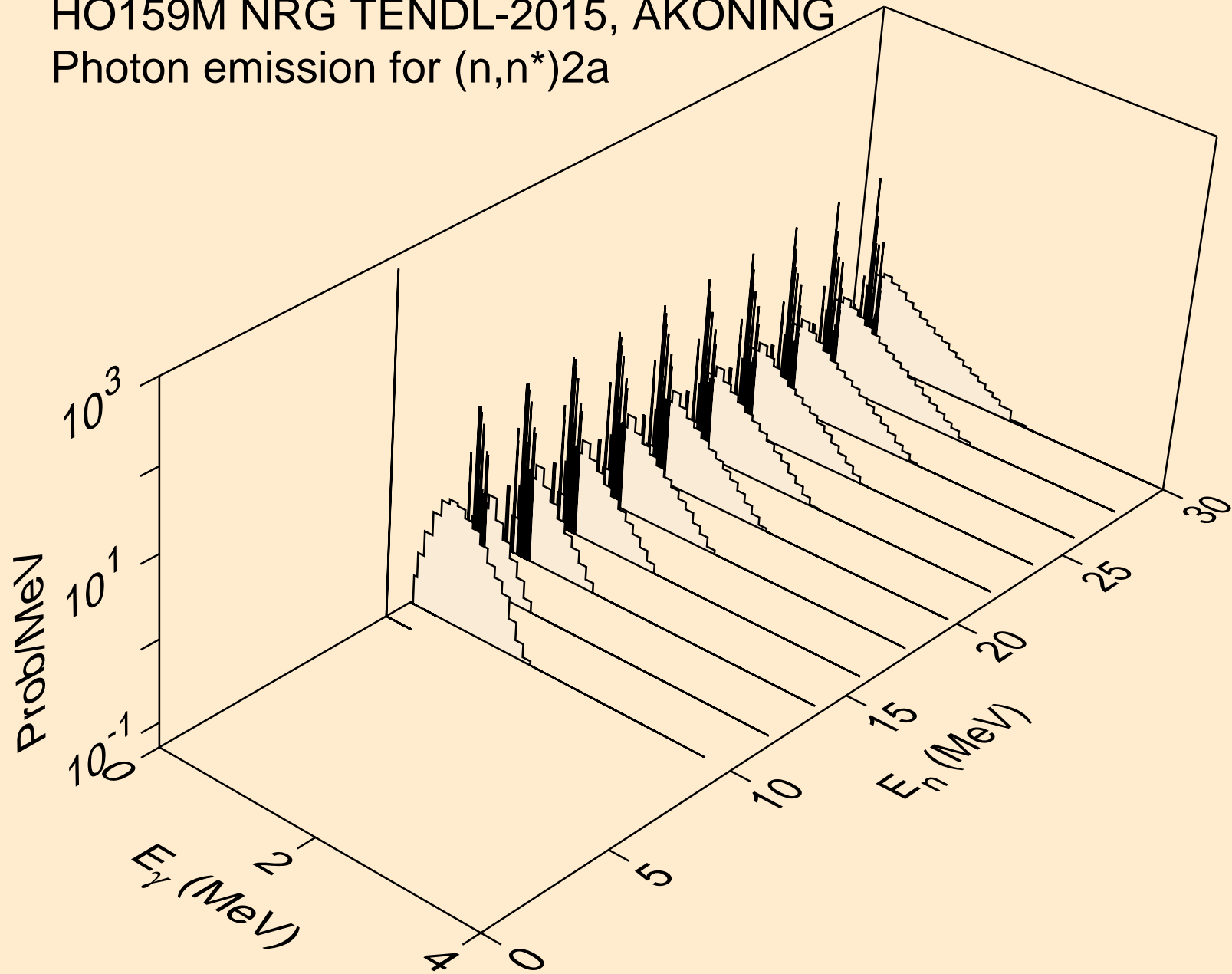
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Photon emission for (n,3n)a



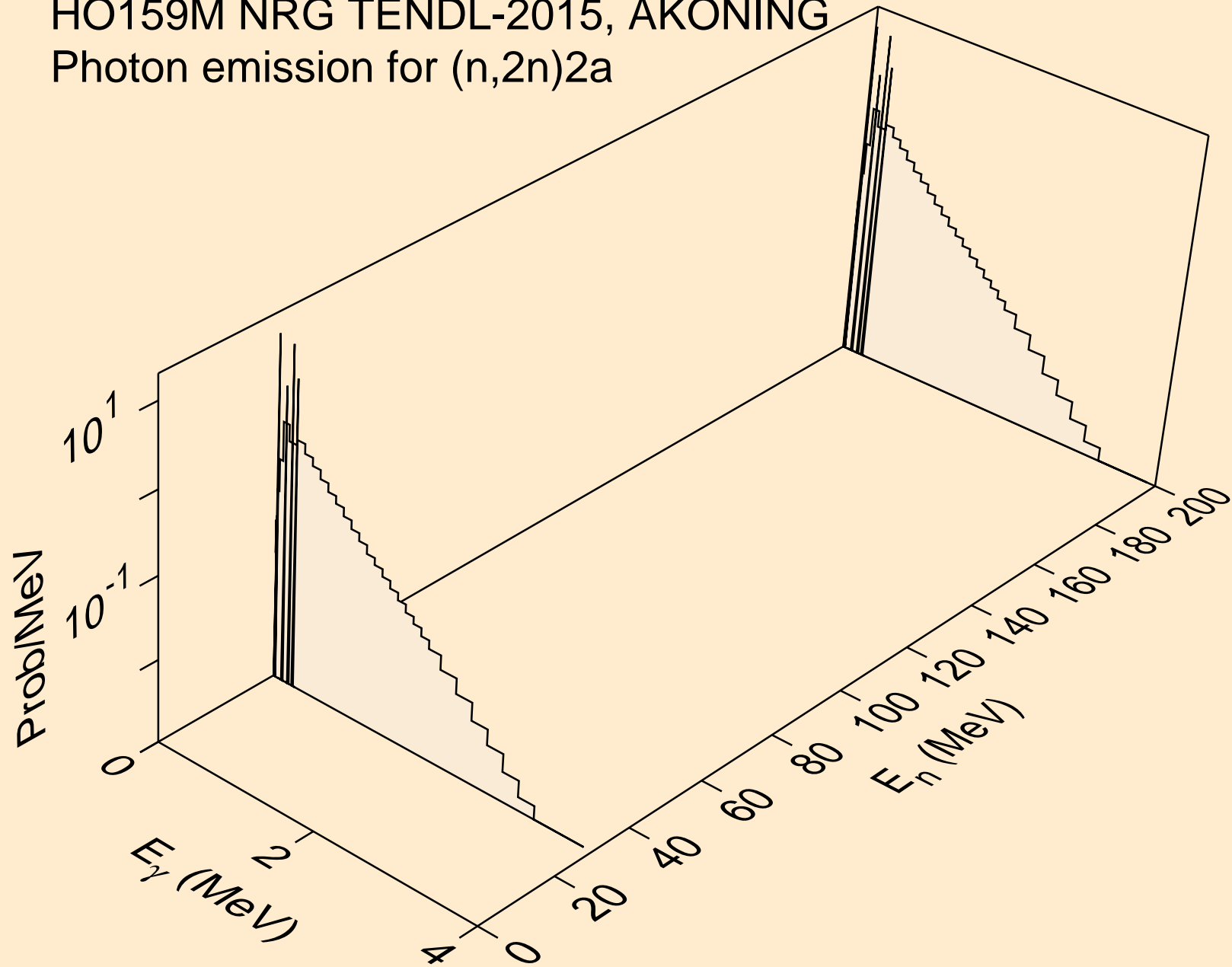
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



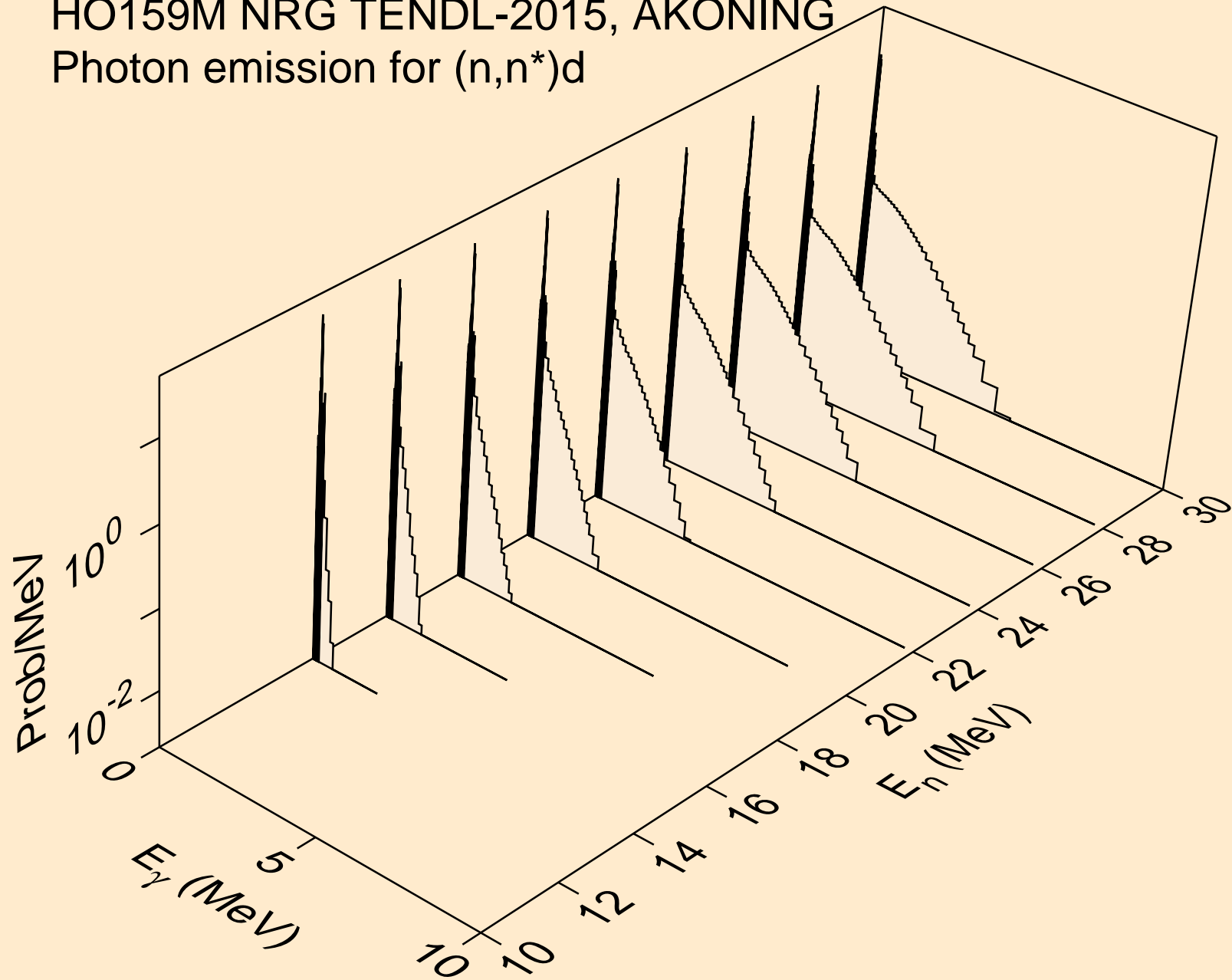
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Photon emission for (n,n\*)2a



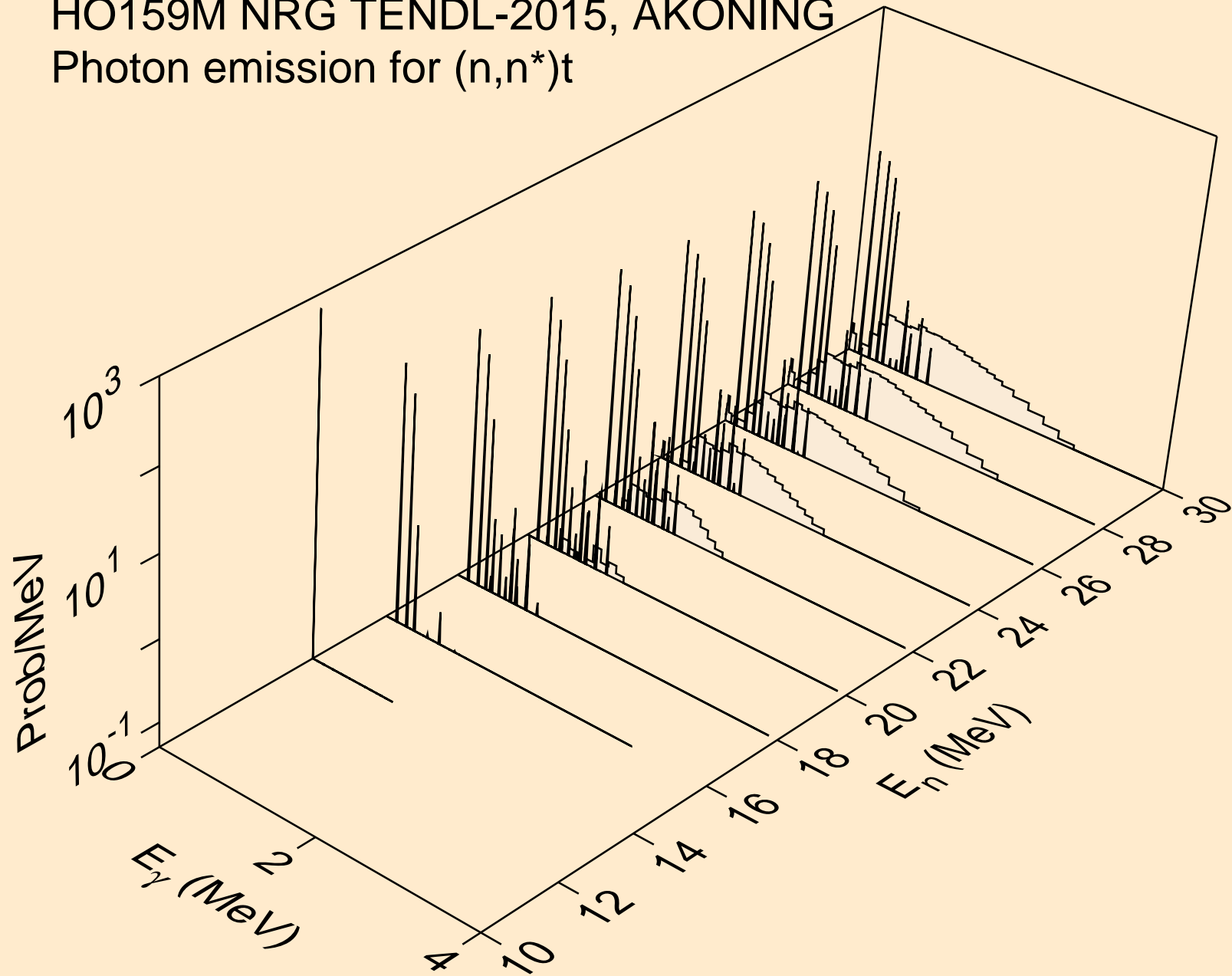
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Photon emission for (n,2n)2a



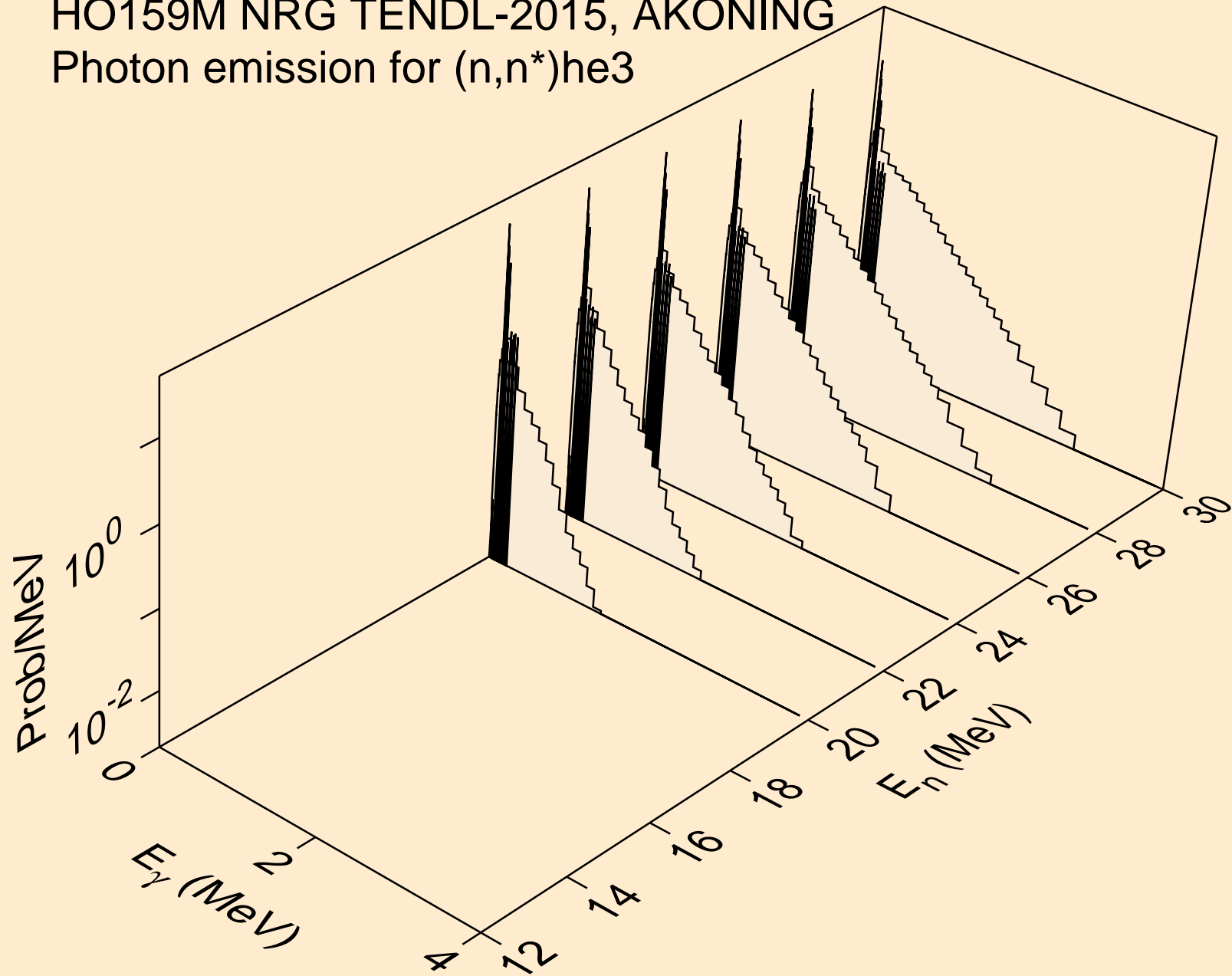
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

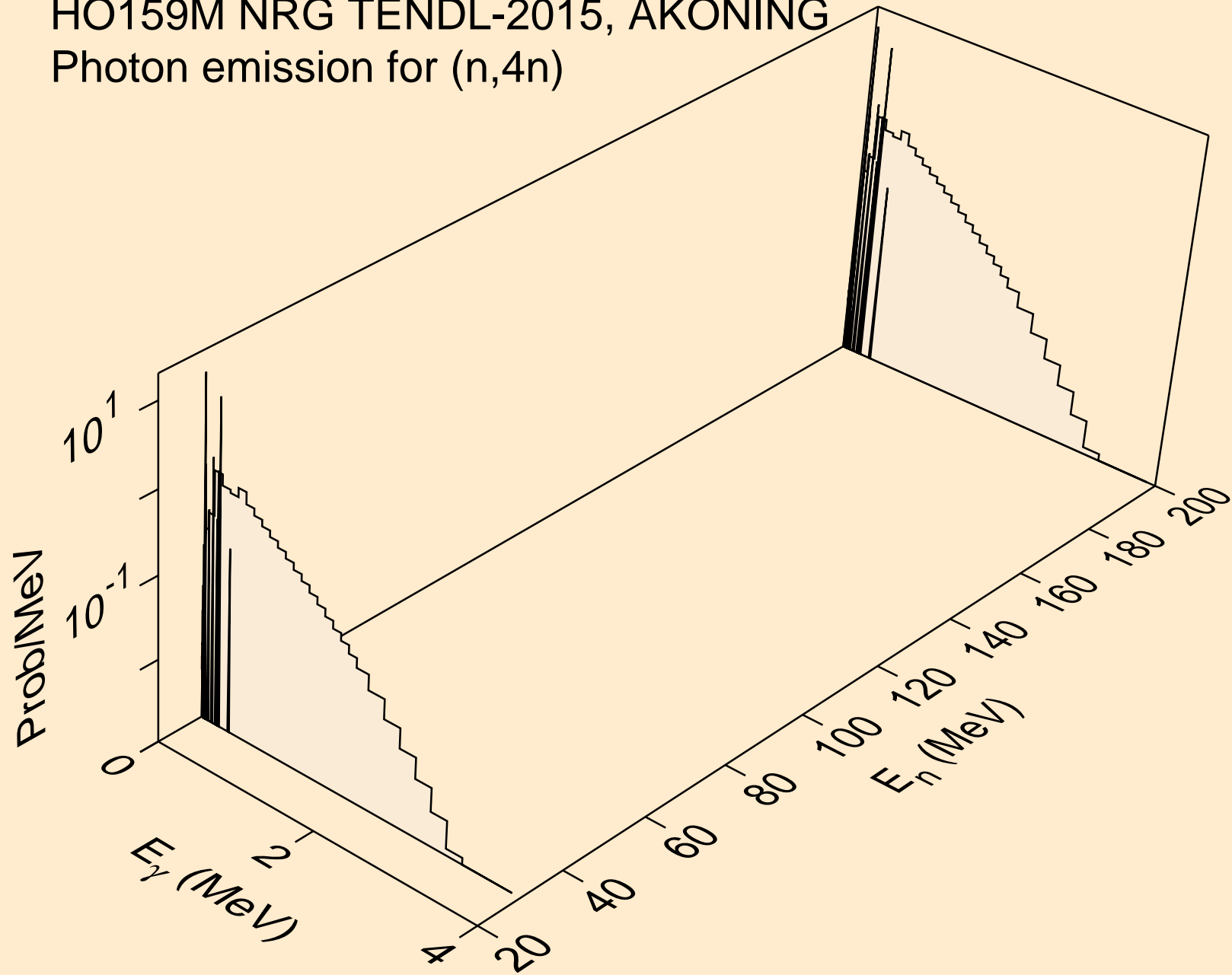


HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

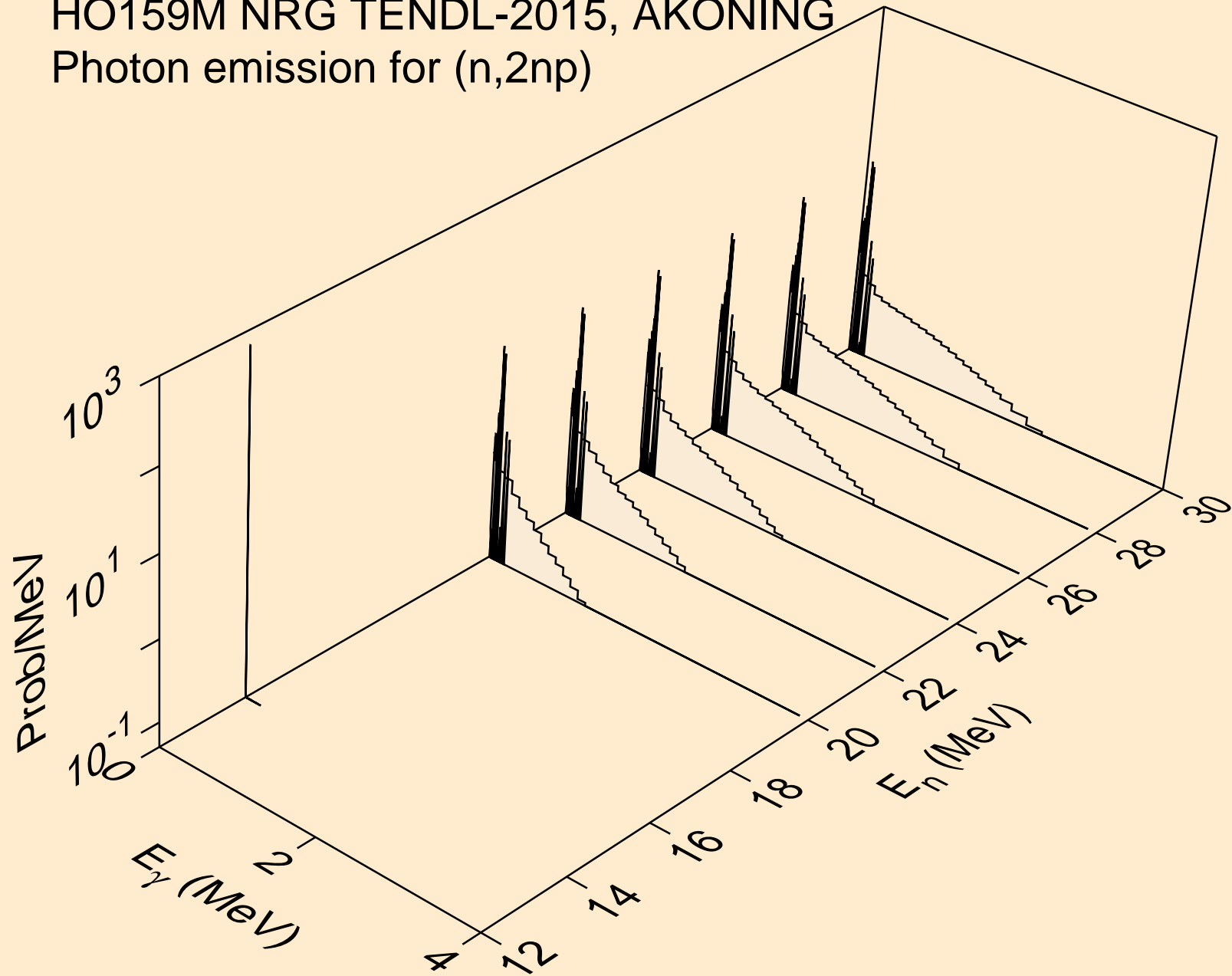




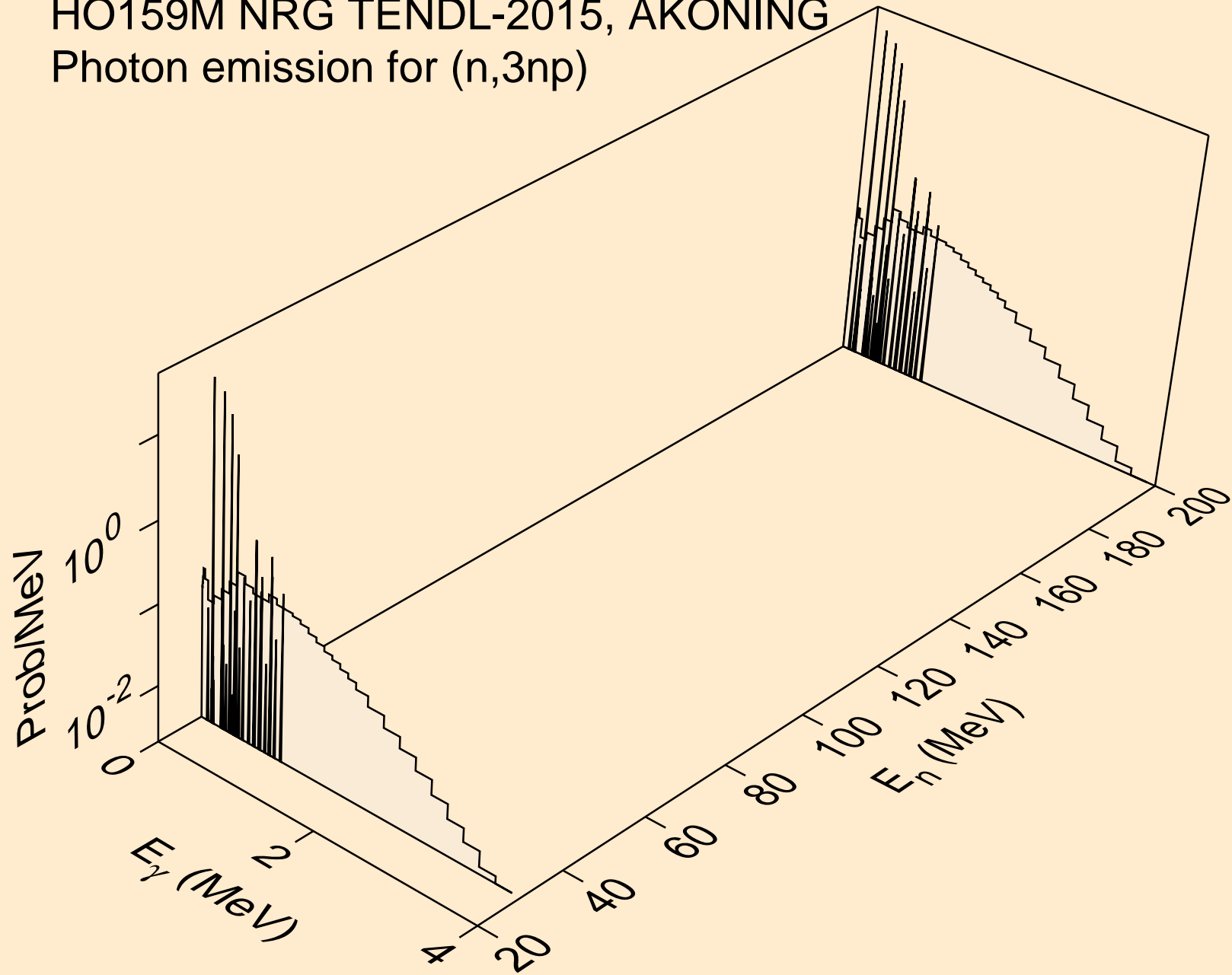
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Photon emission for (n,4n)



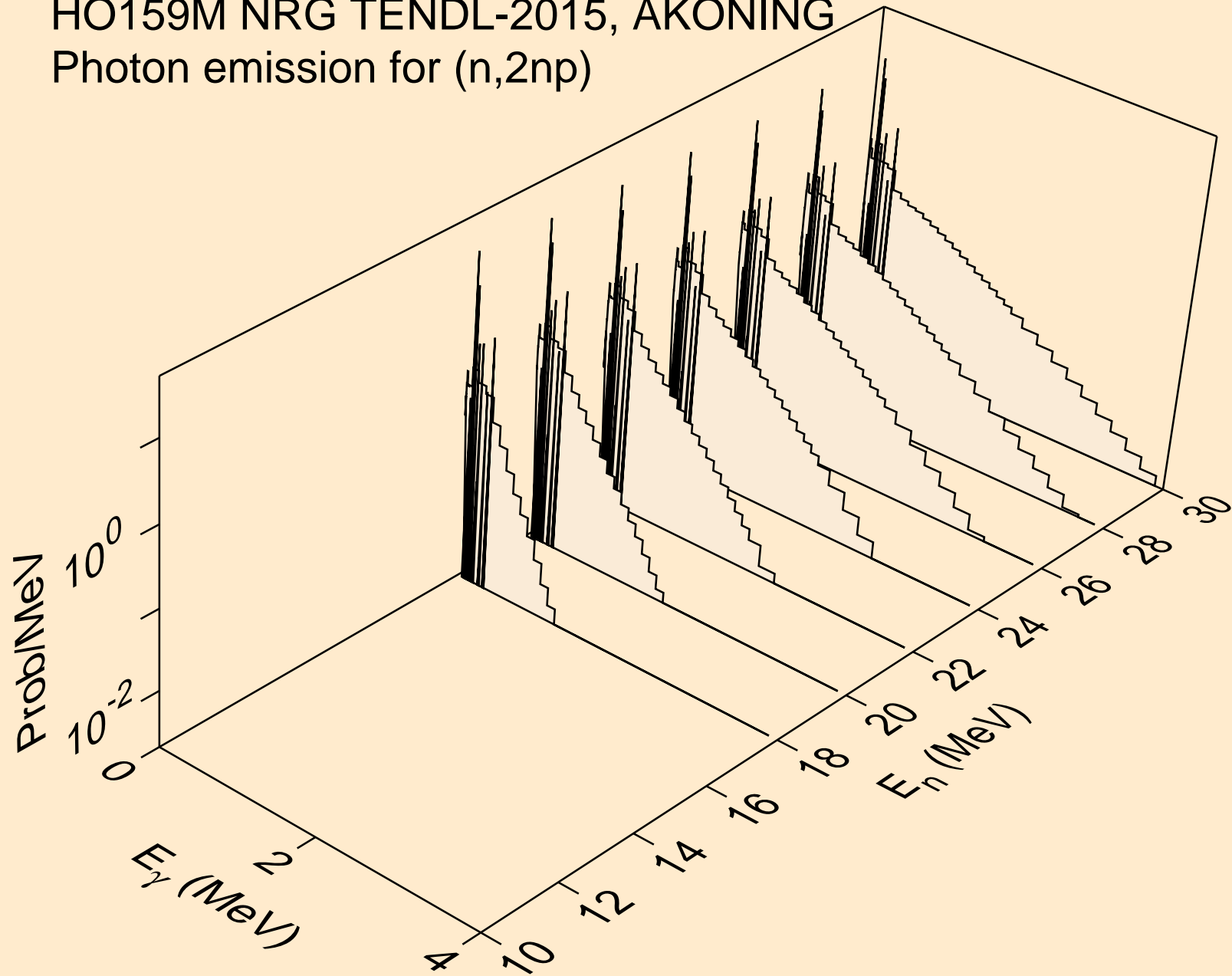
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Photon emission for (n,2np)



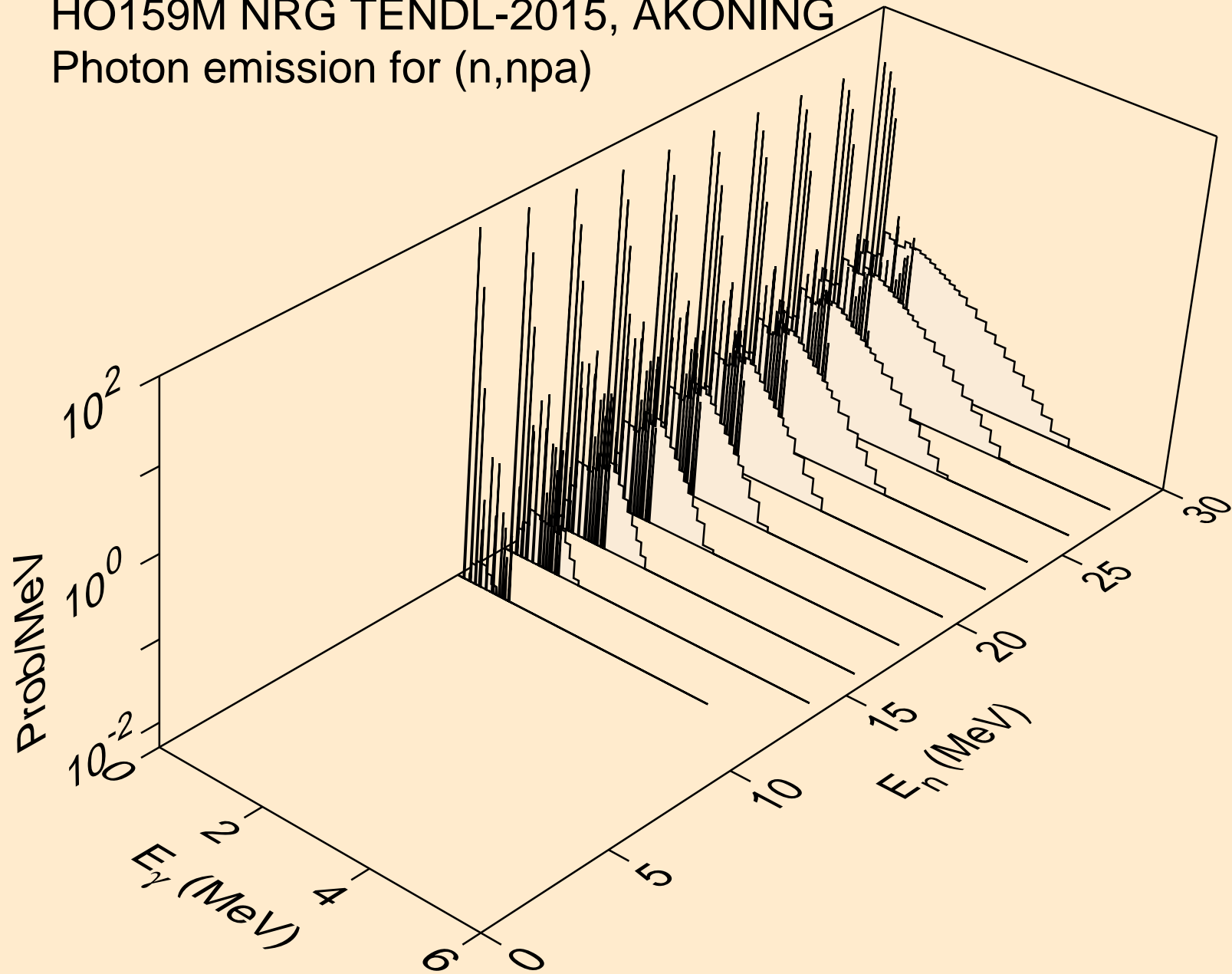
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



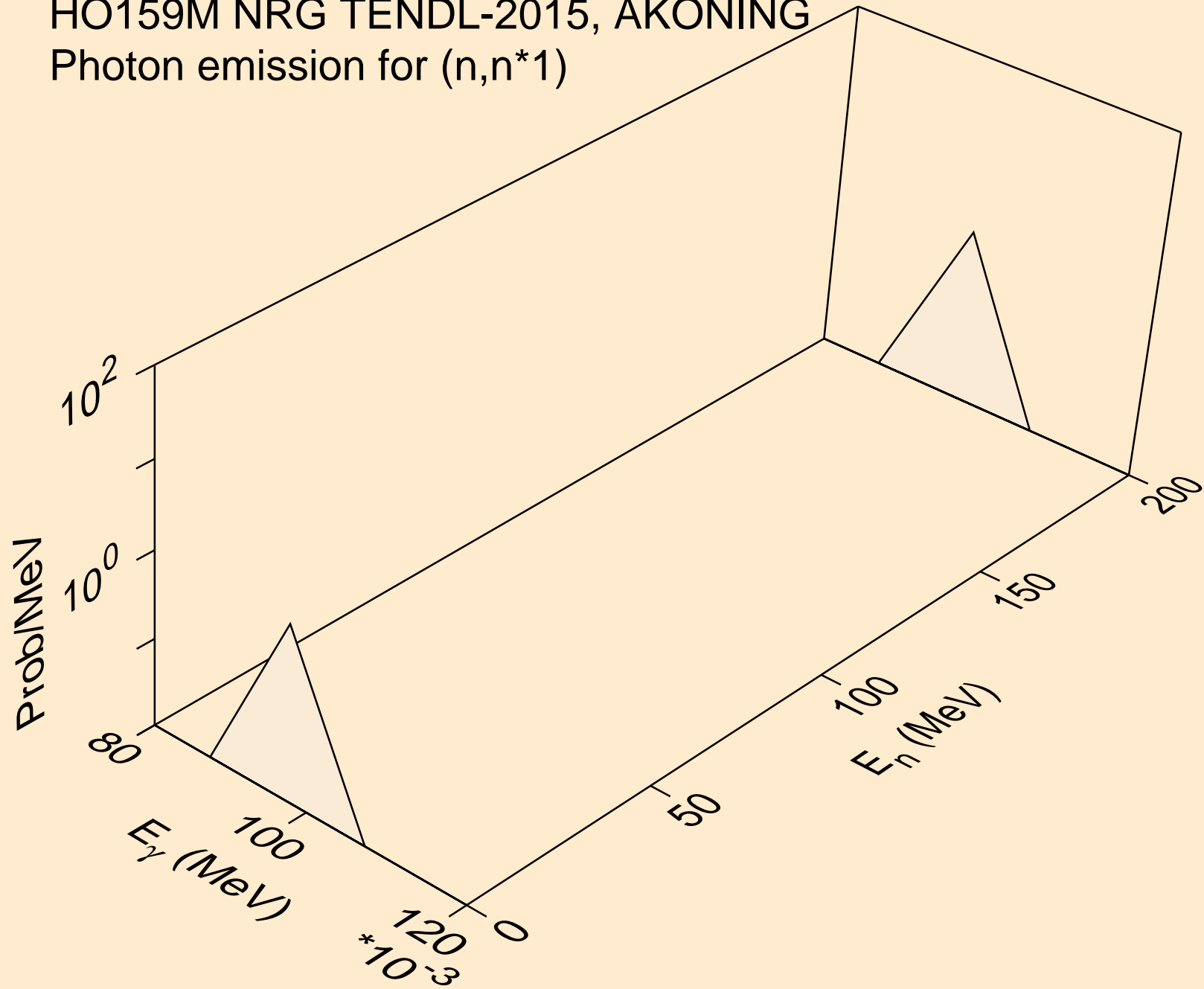
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Photon emission for (n,2np)



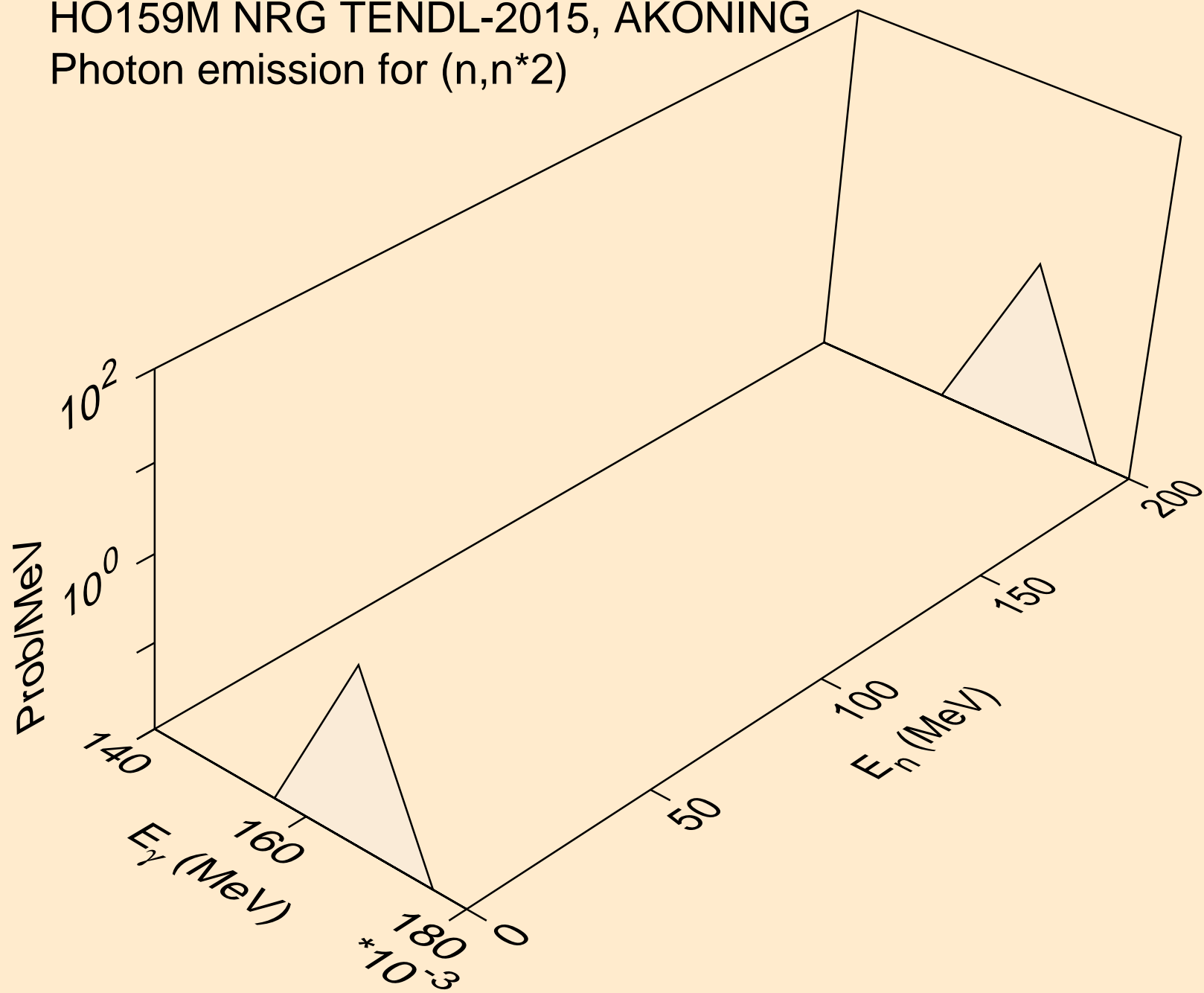
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



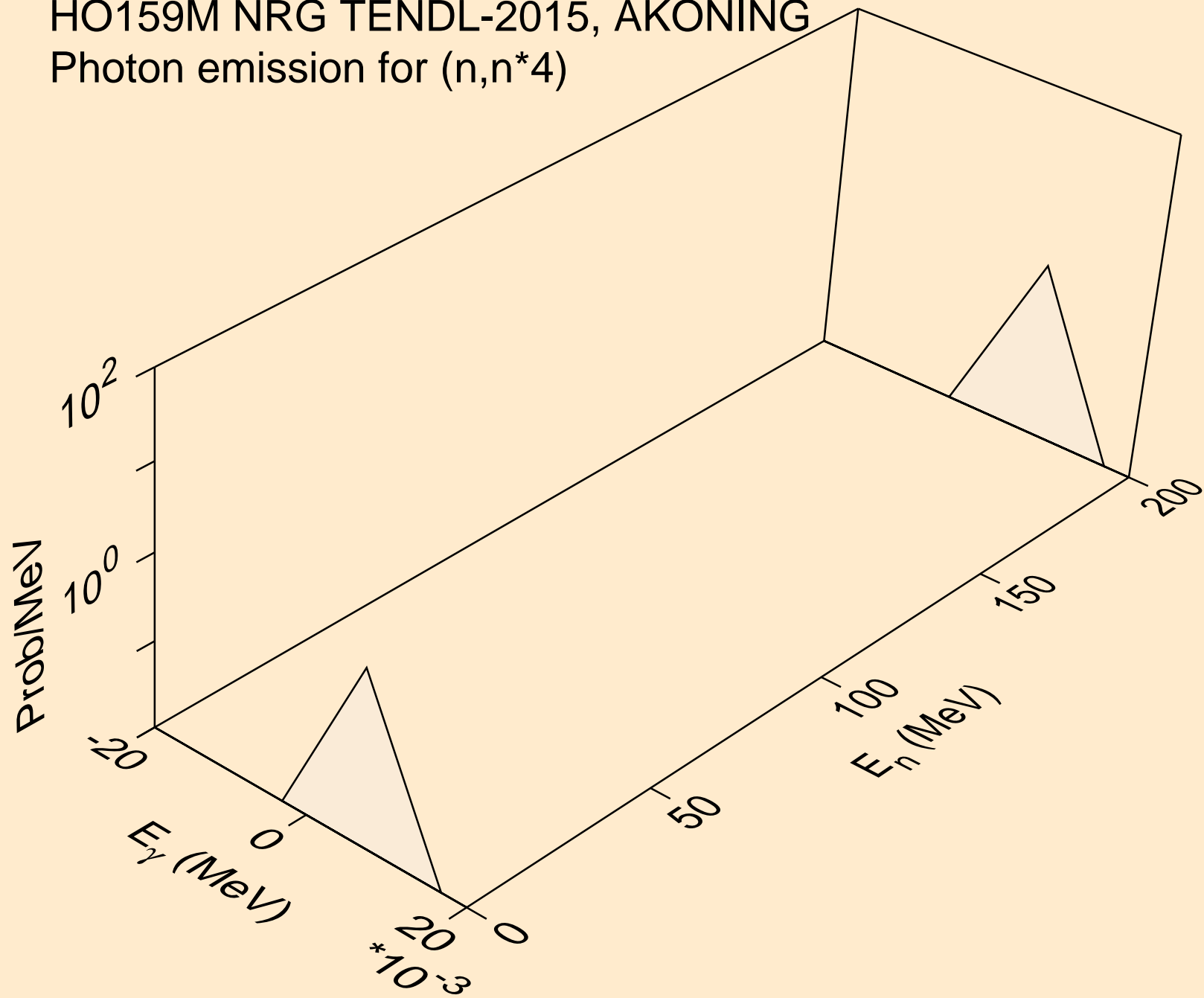
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)



HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)

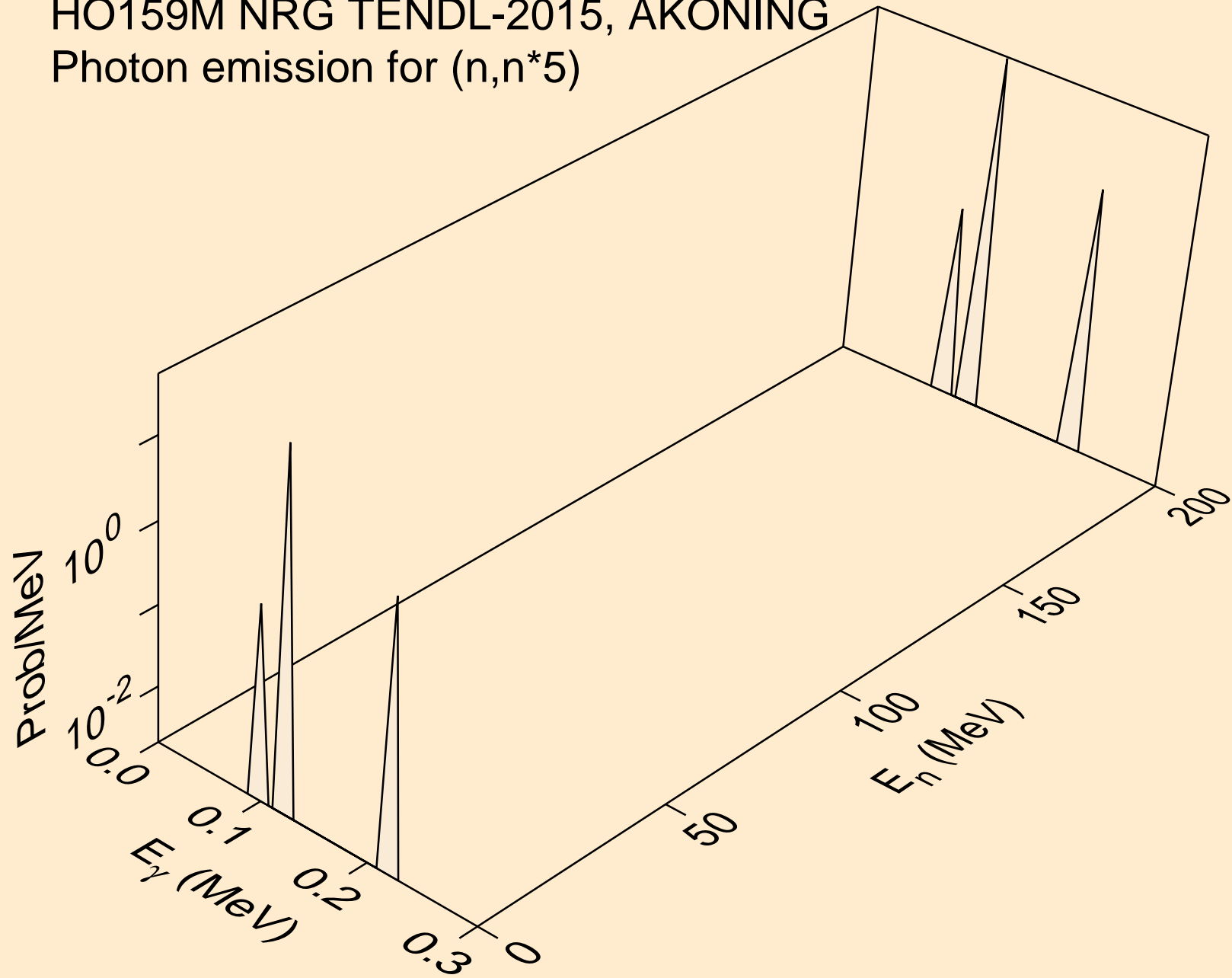


HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)

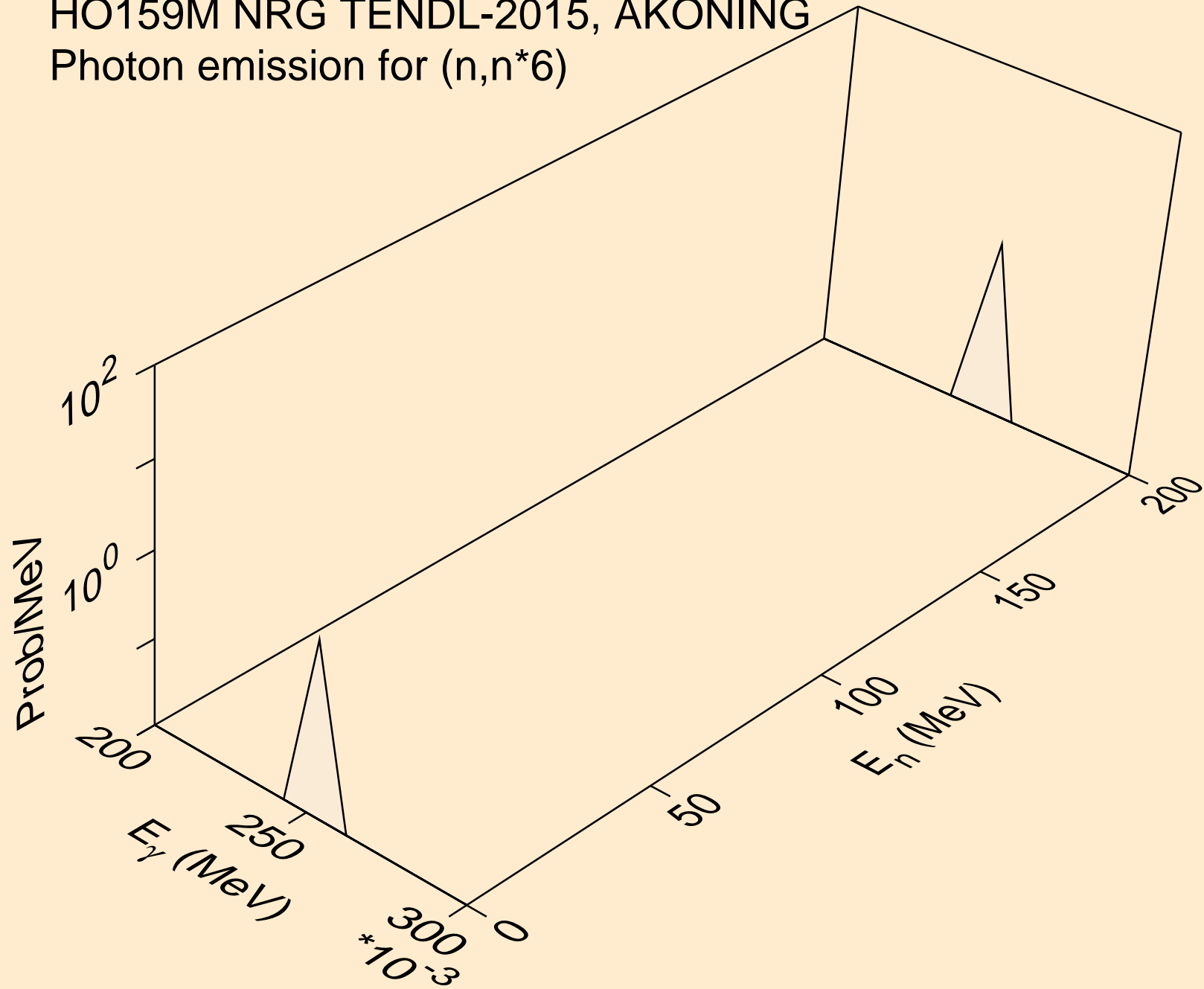




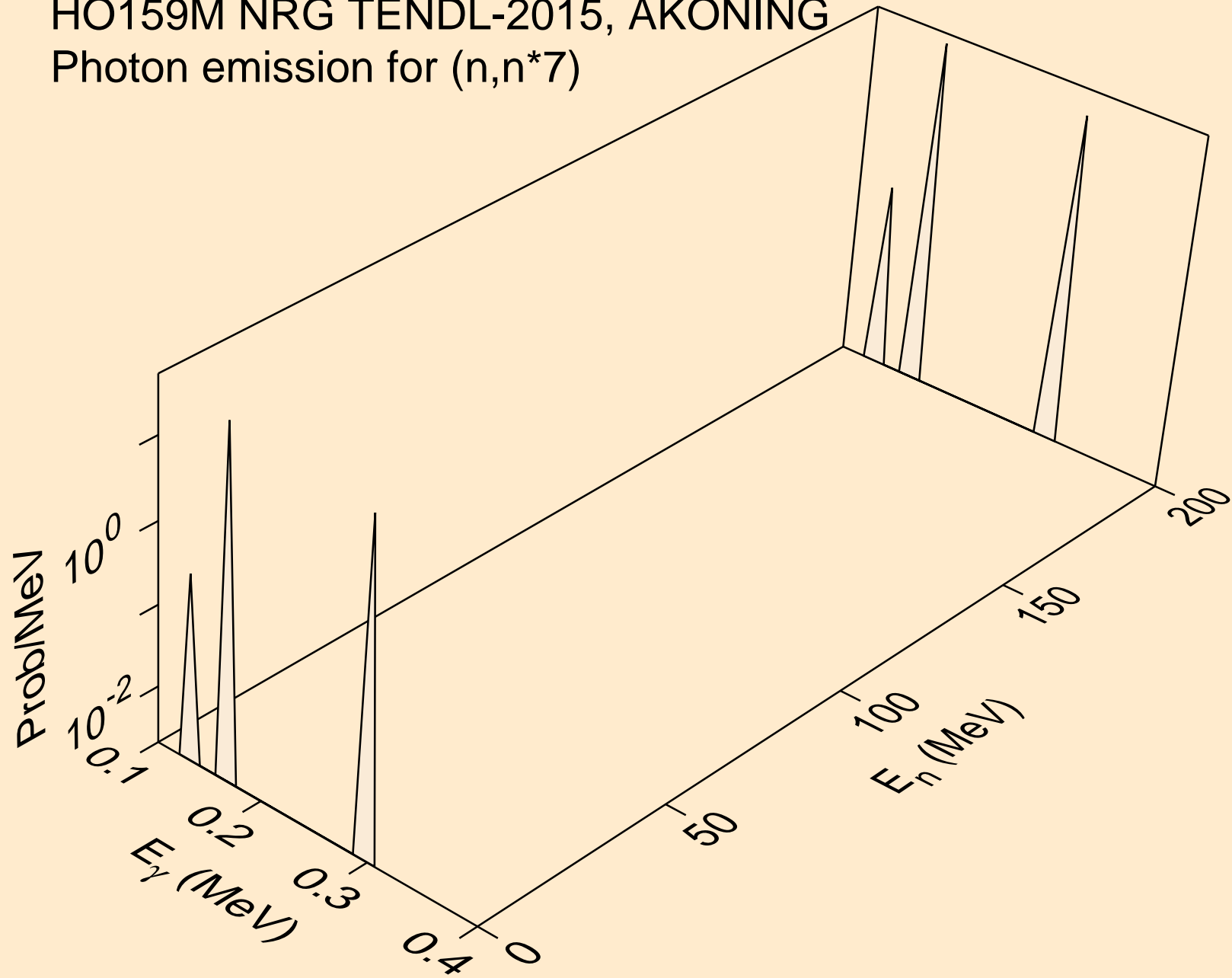
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



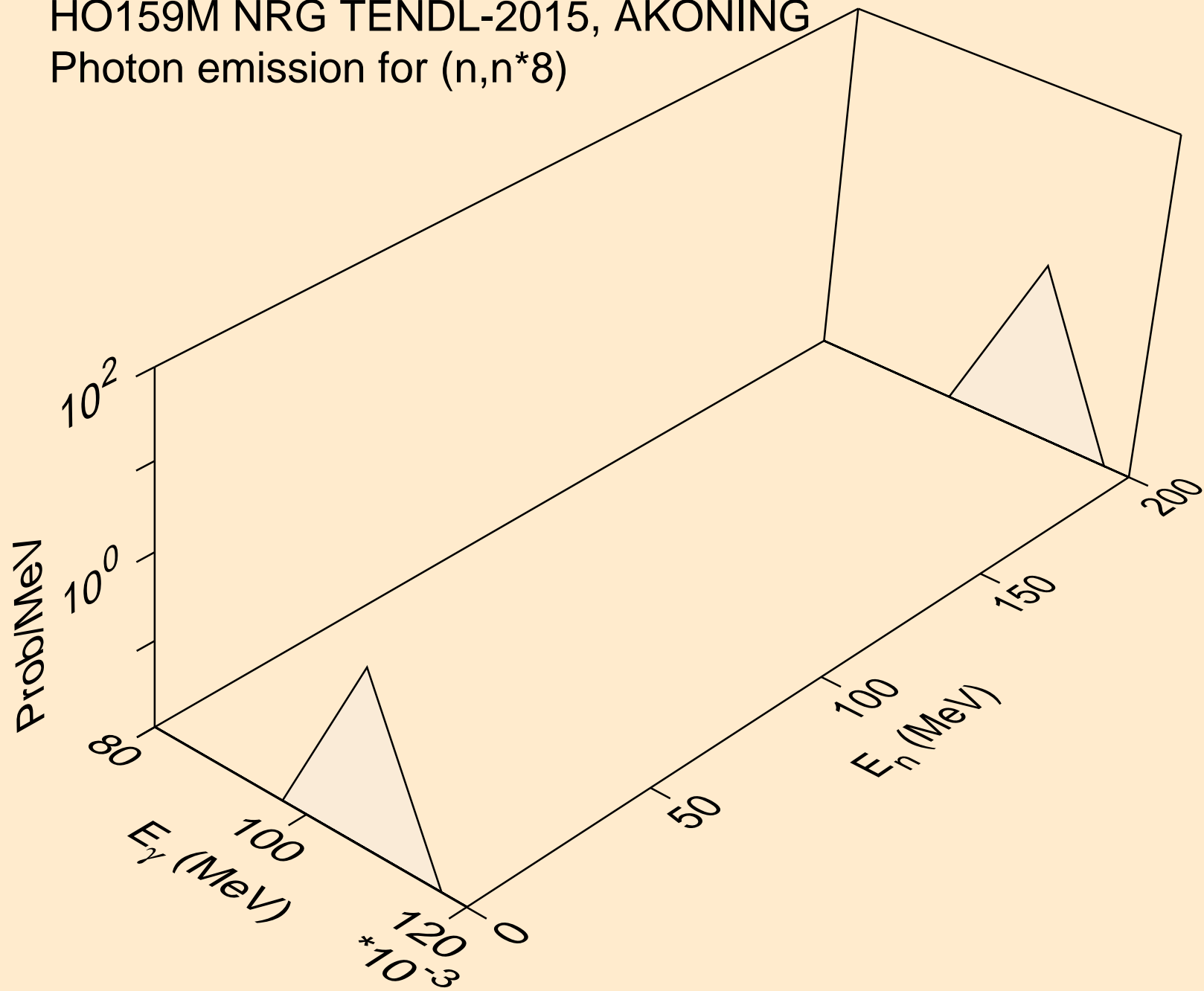
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)



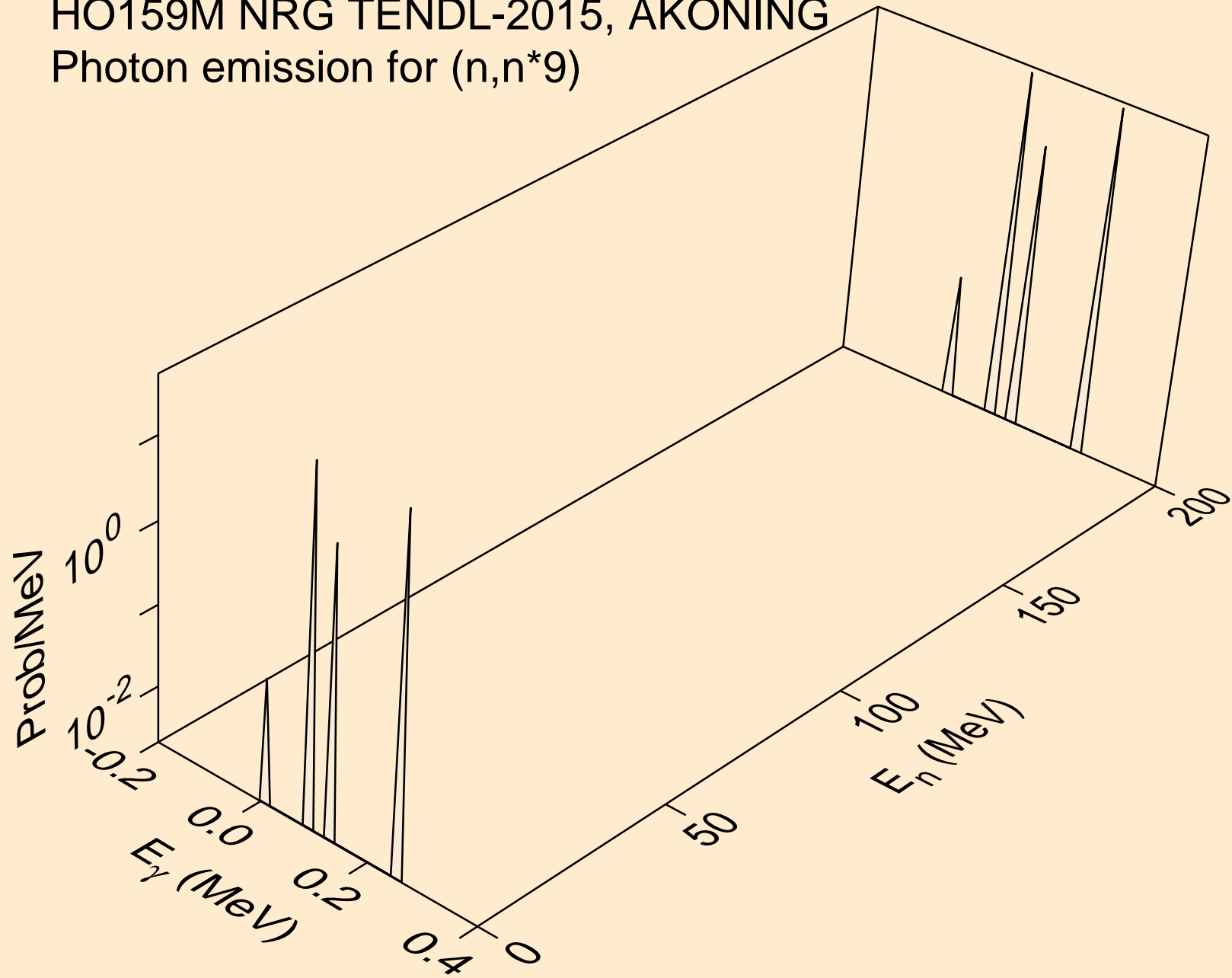
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Photon emission for (n,n\*7)



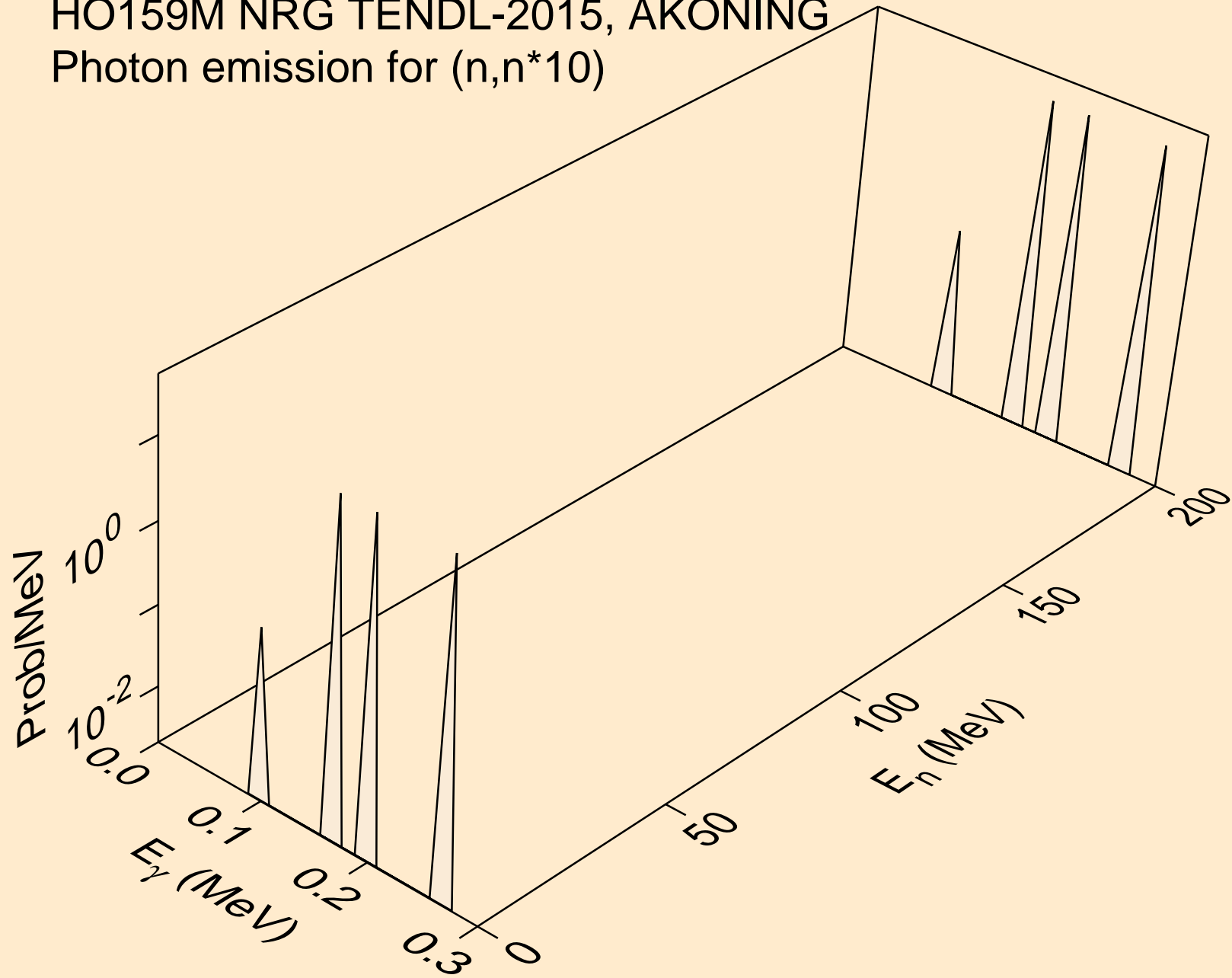
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Photon emission for (n,n\*8)



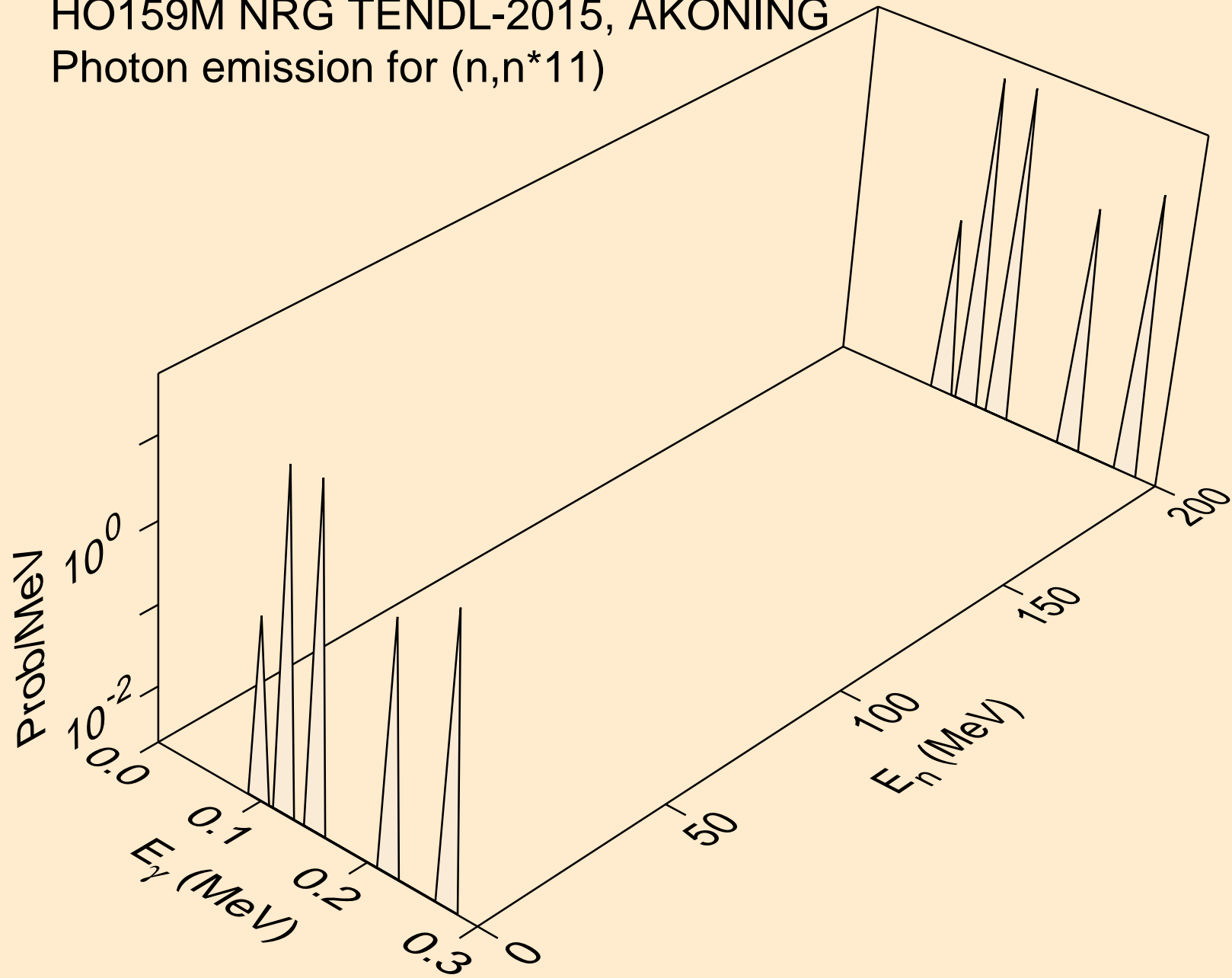
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Photon emission for (n,n\*9)



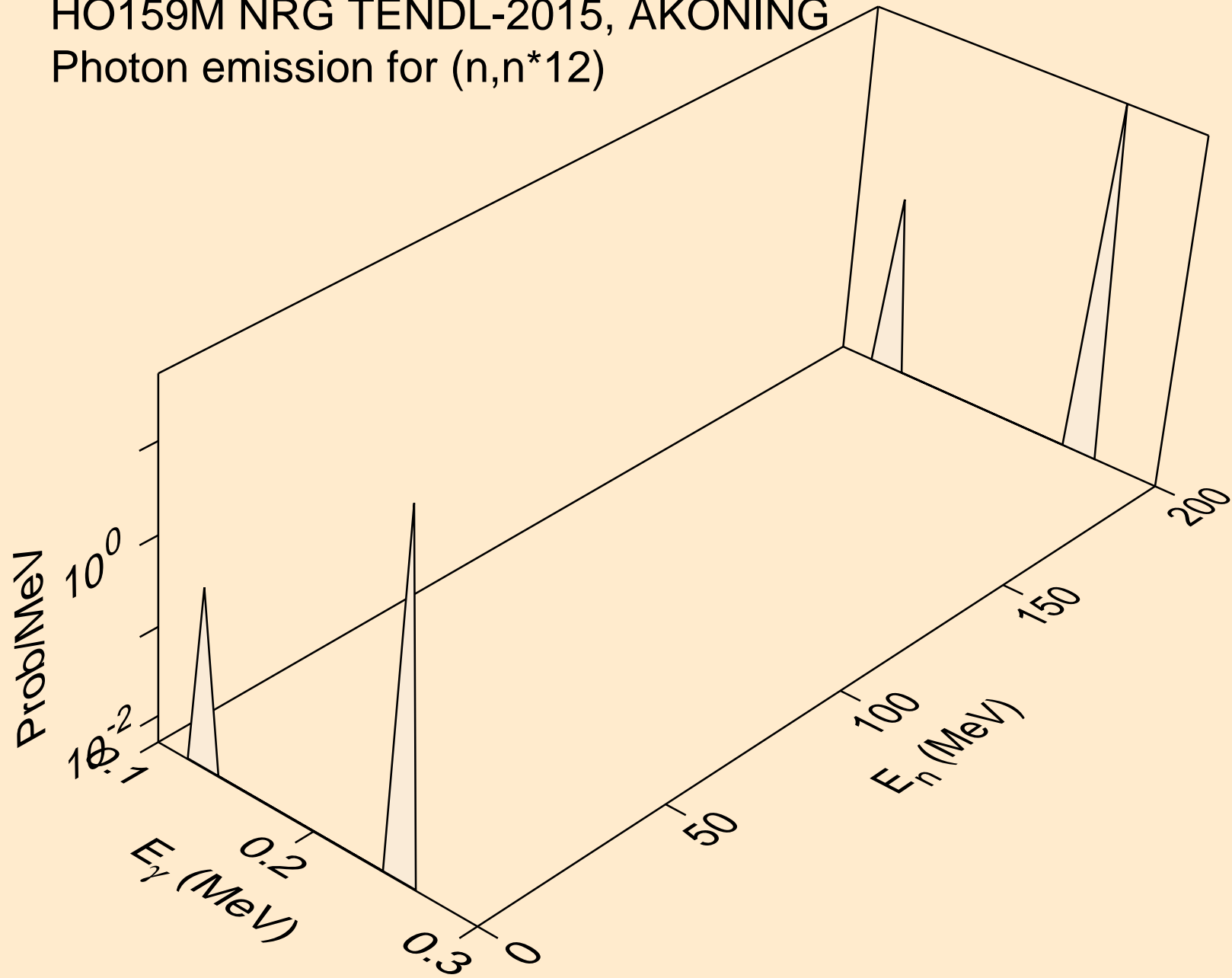
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)



HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)

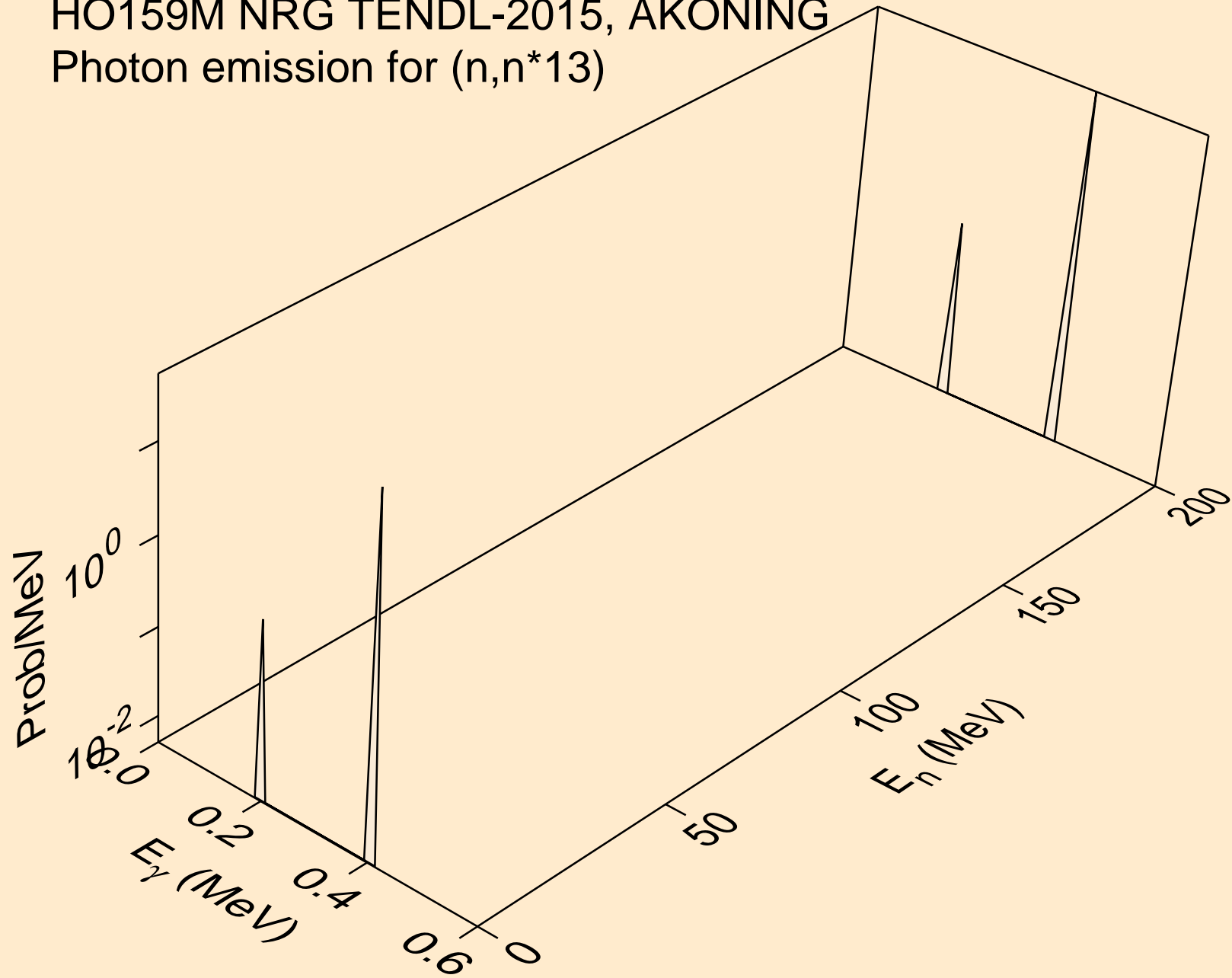


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Photon emission for (n,n\*12)

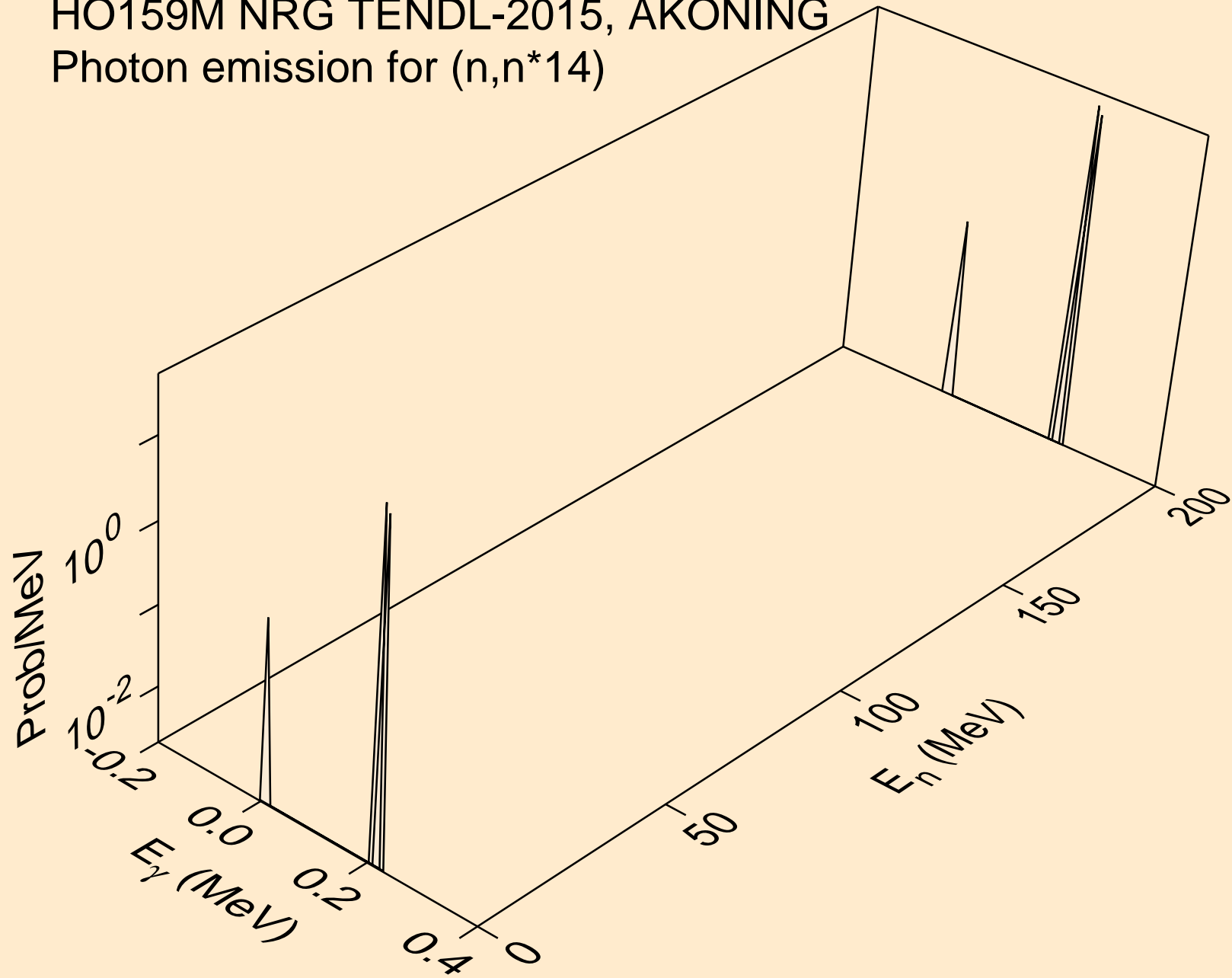




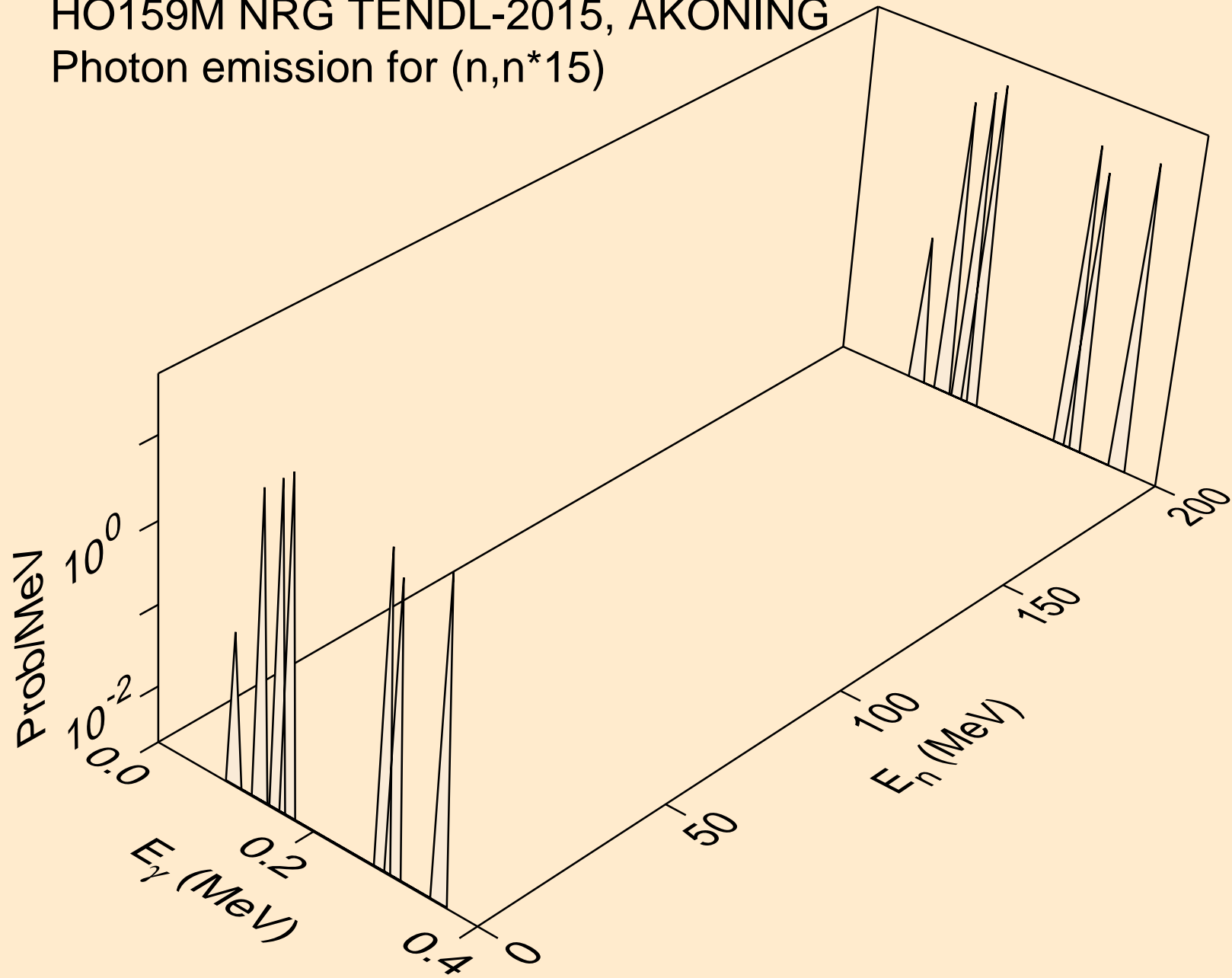
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Photon emission for (n,n\*13)



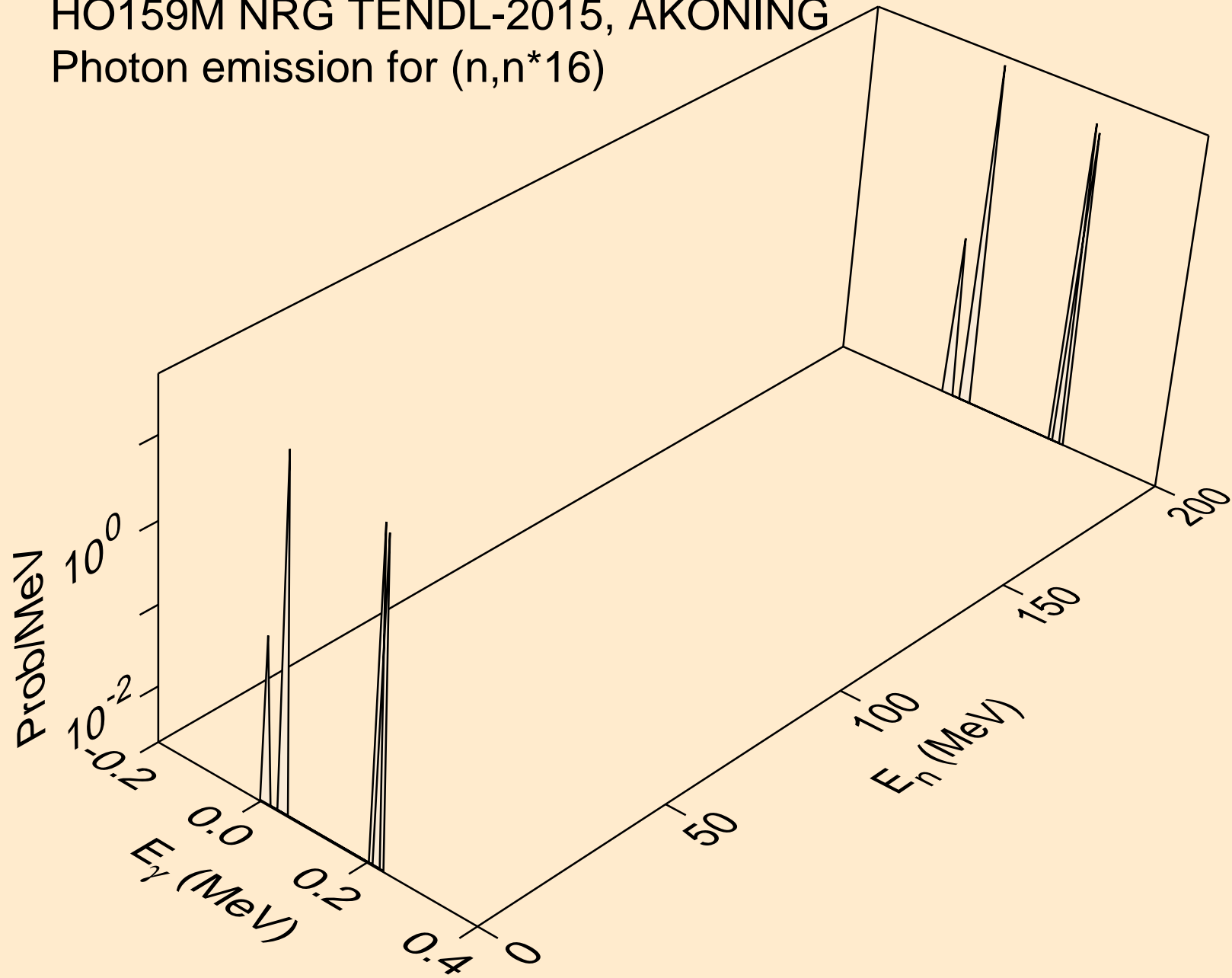
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Photon emission for (n,n\*14)



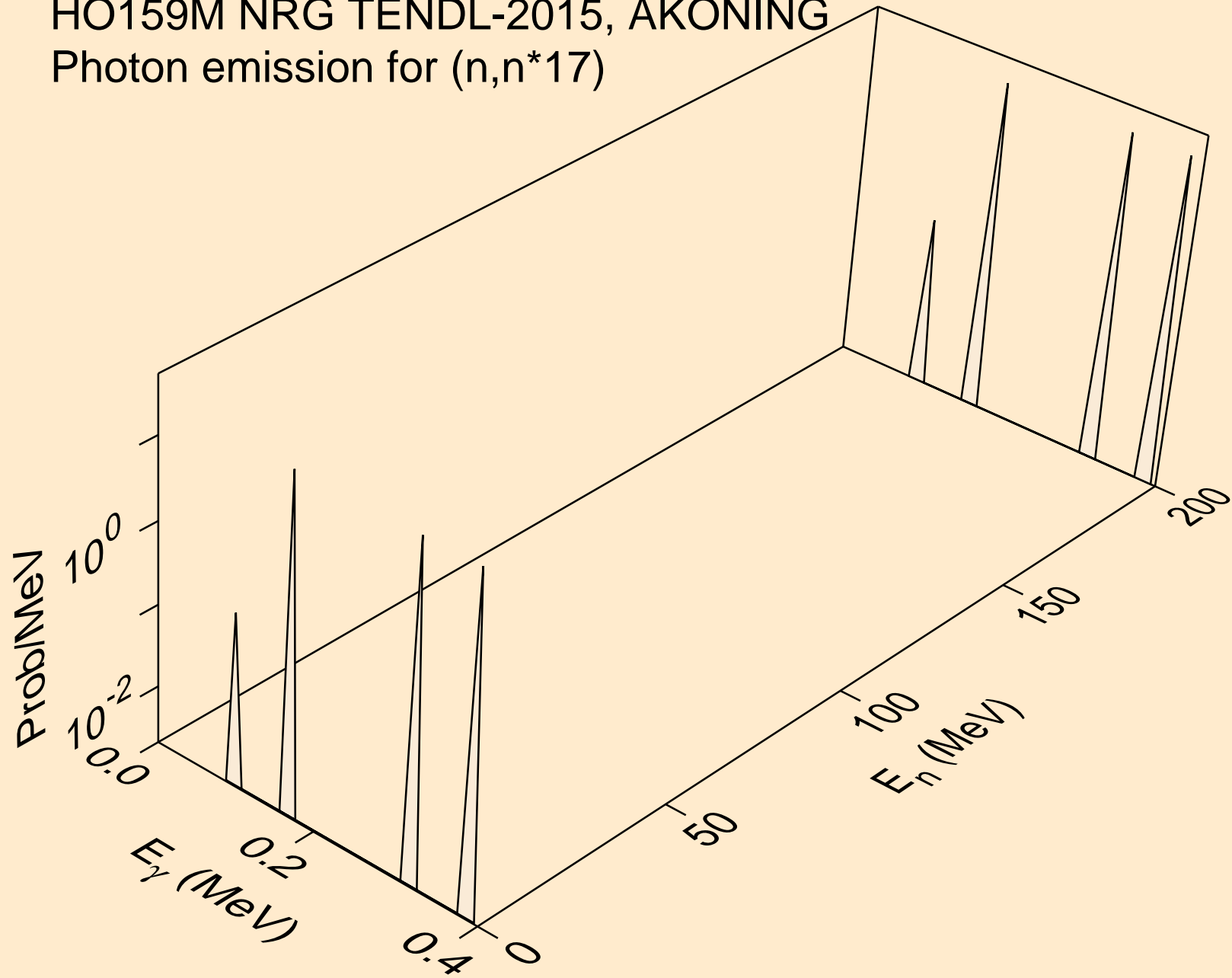
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Photon emission for (n,n\*15)



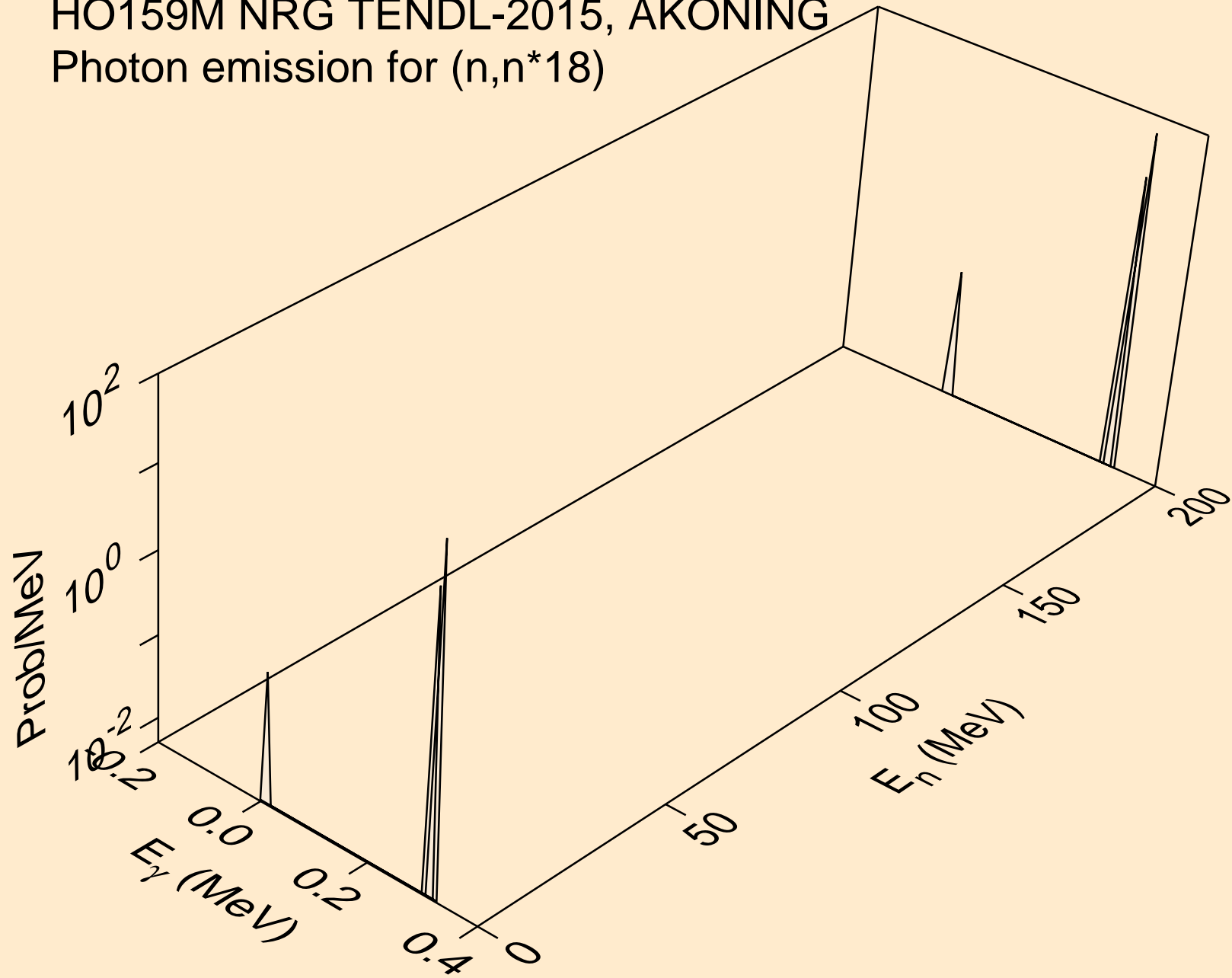
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Photon emission for (n,n\*16)



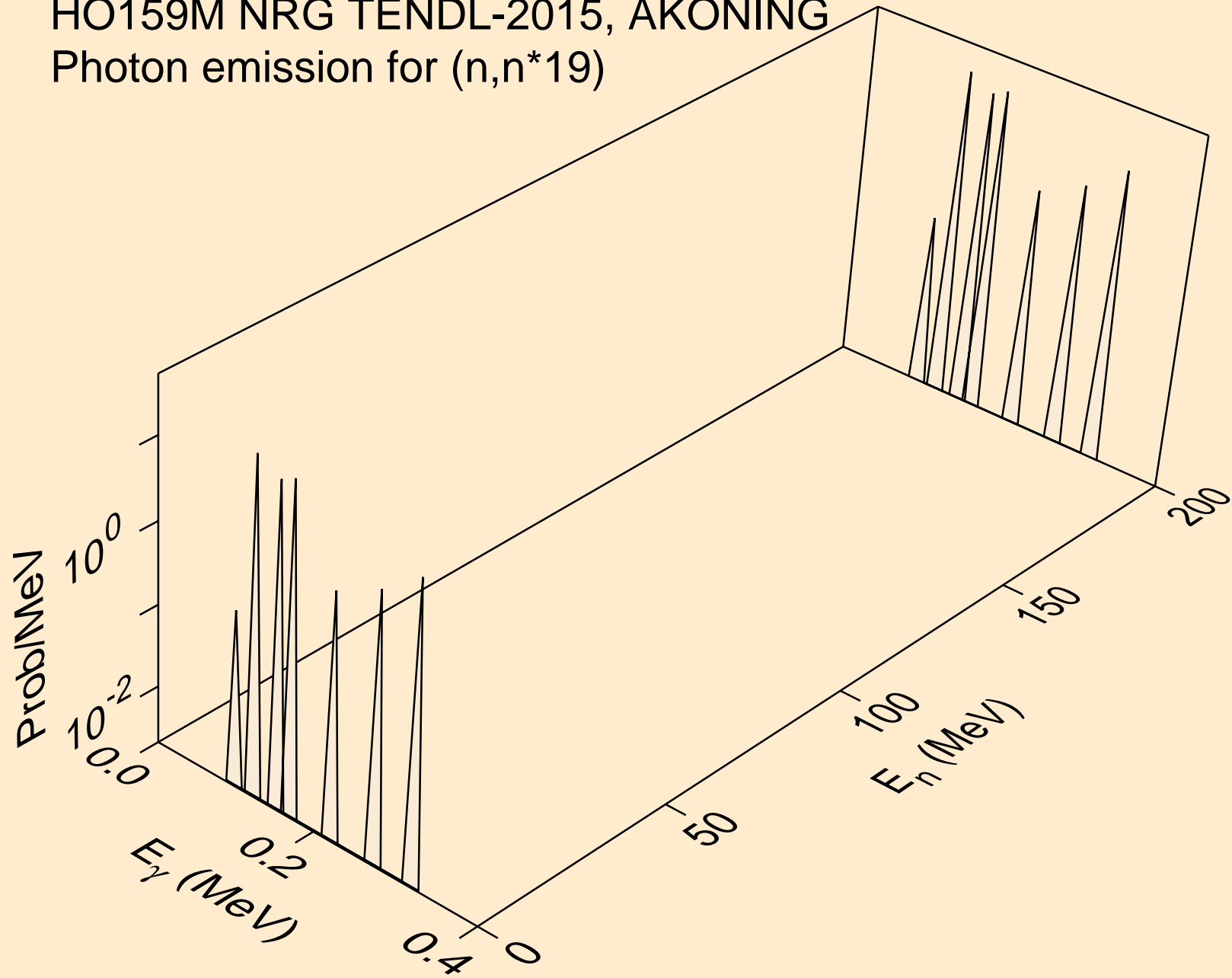
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Photon emission for (n,n\*17)



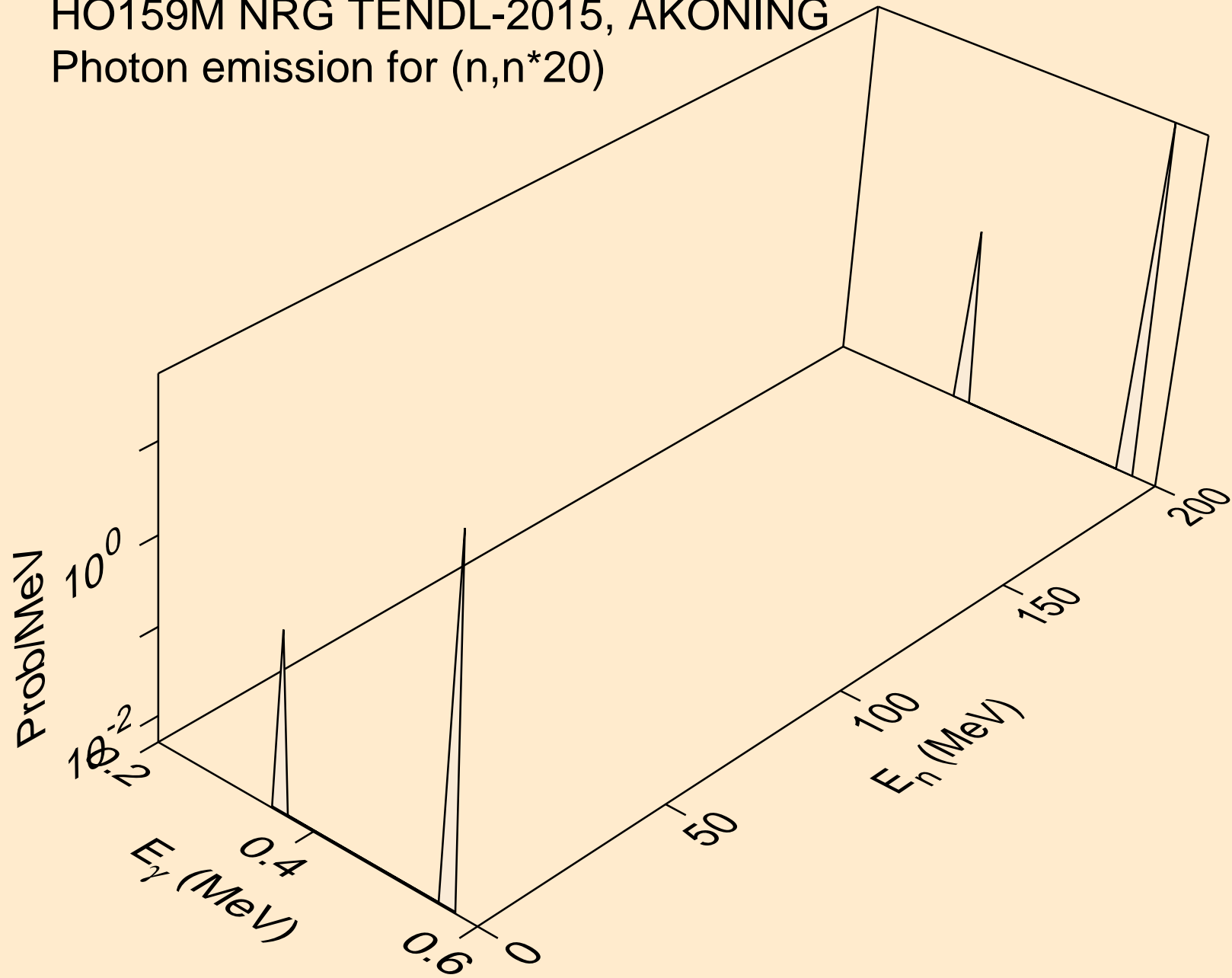
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)



HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)

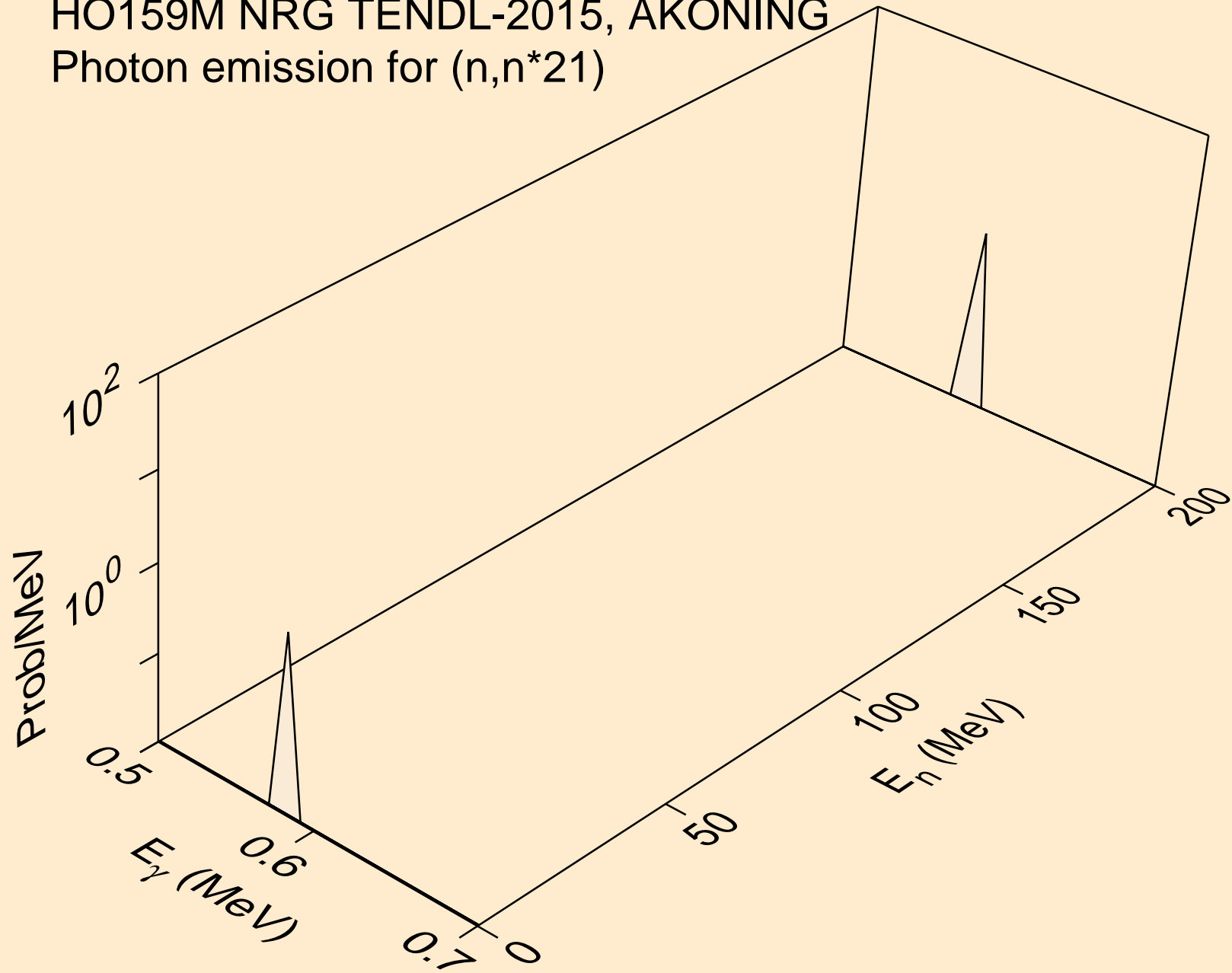


HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*20)

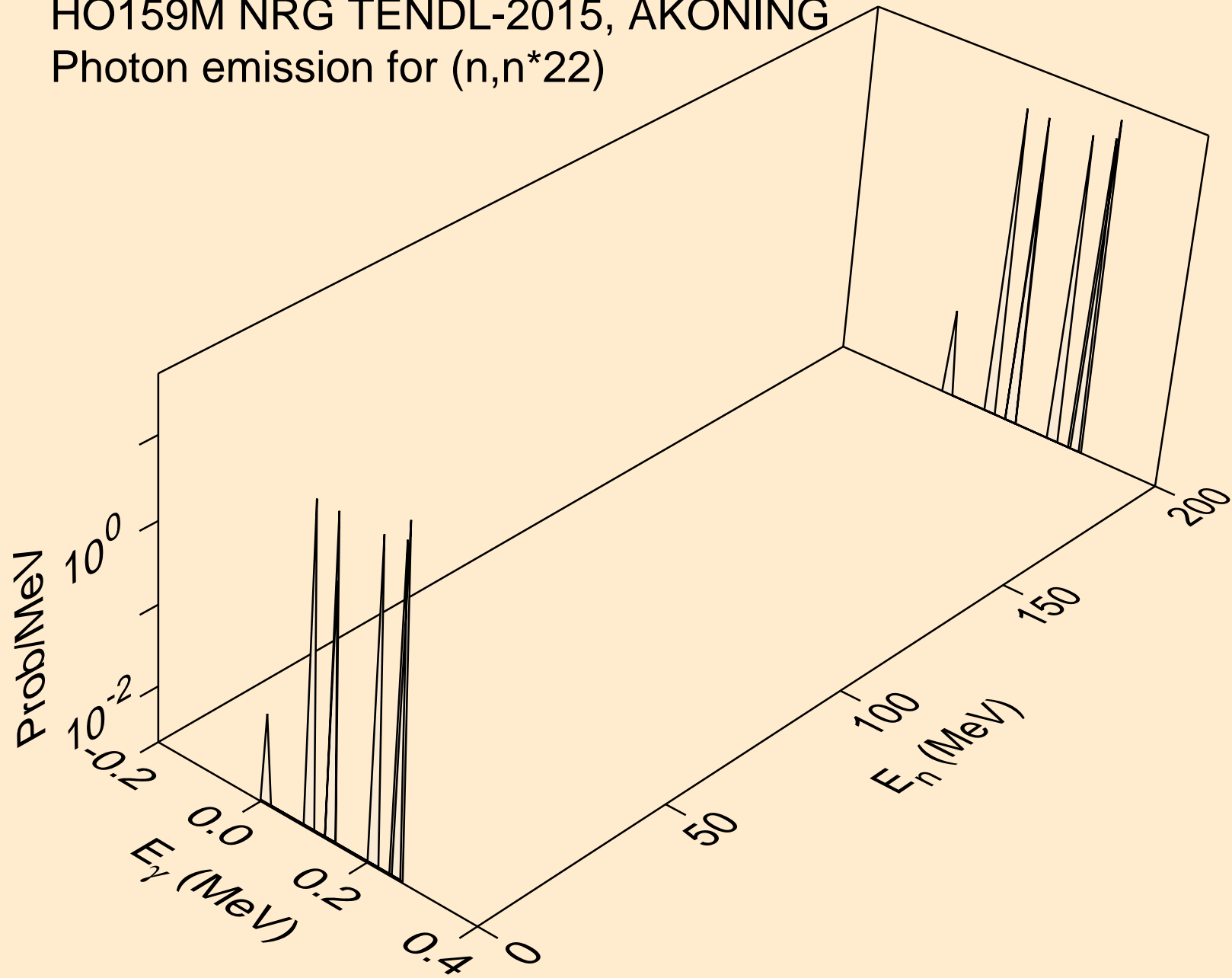




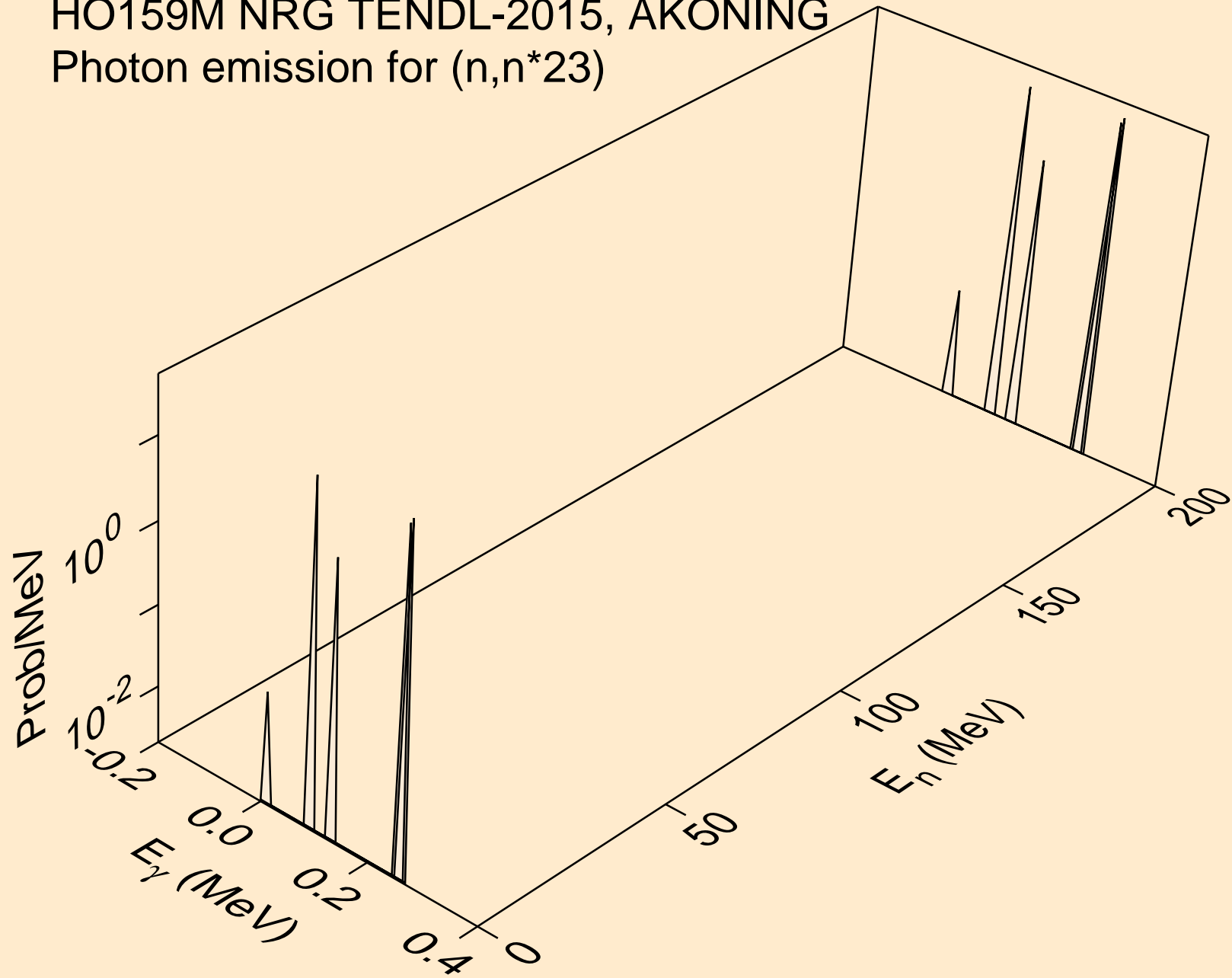
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Photon emission for (n,n\*21)



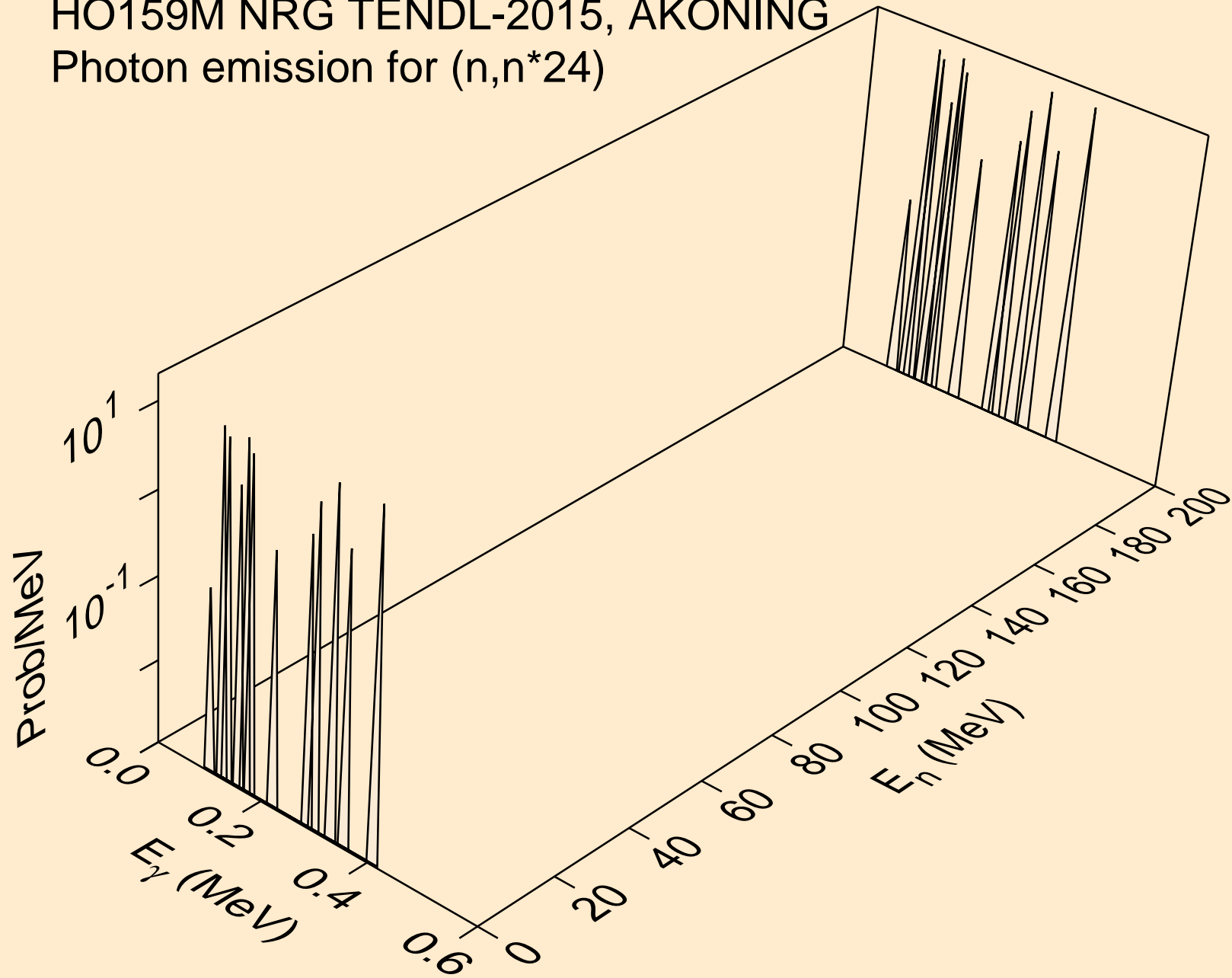
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Photon emission for (n,n\*22)



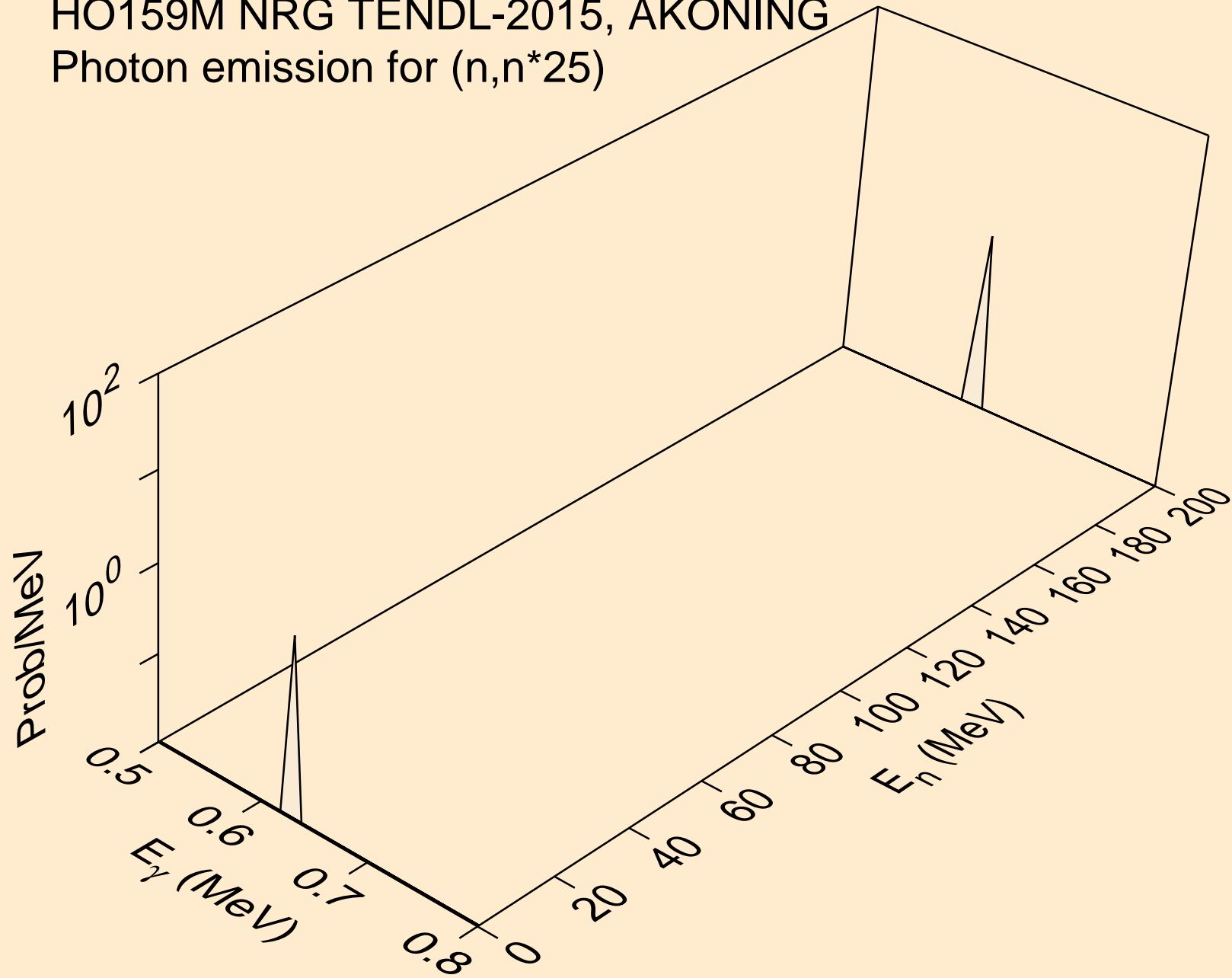
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Photon emission for (n,n\*23)



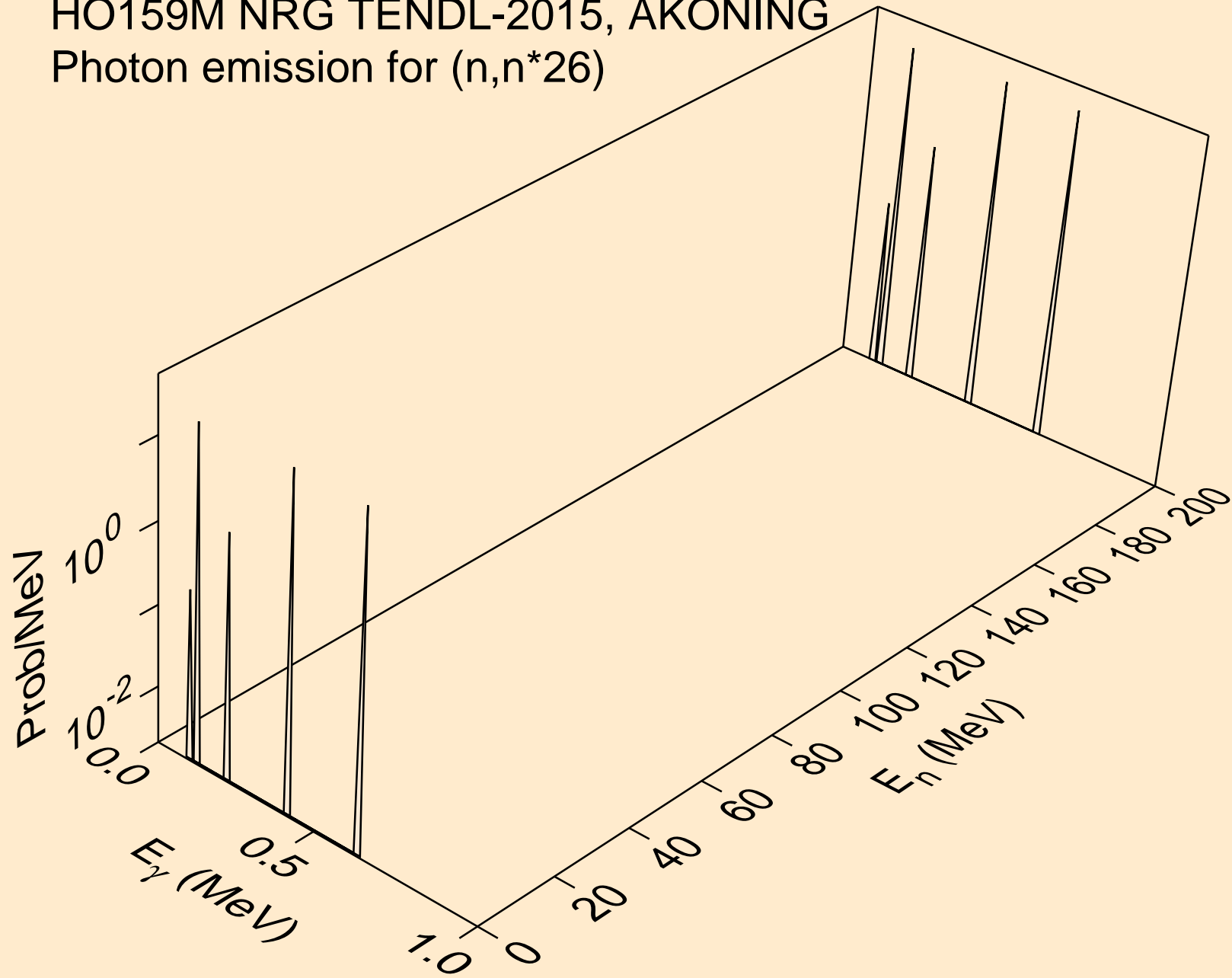
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Photon emission for (n,n\*24)



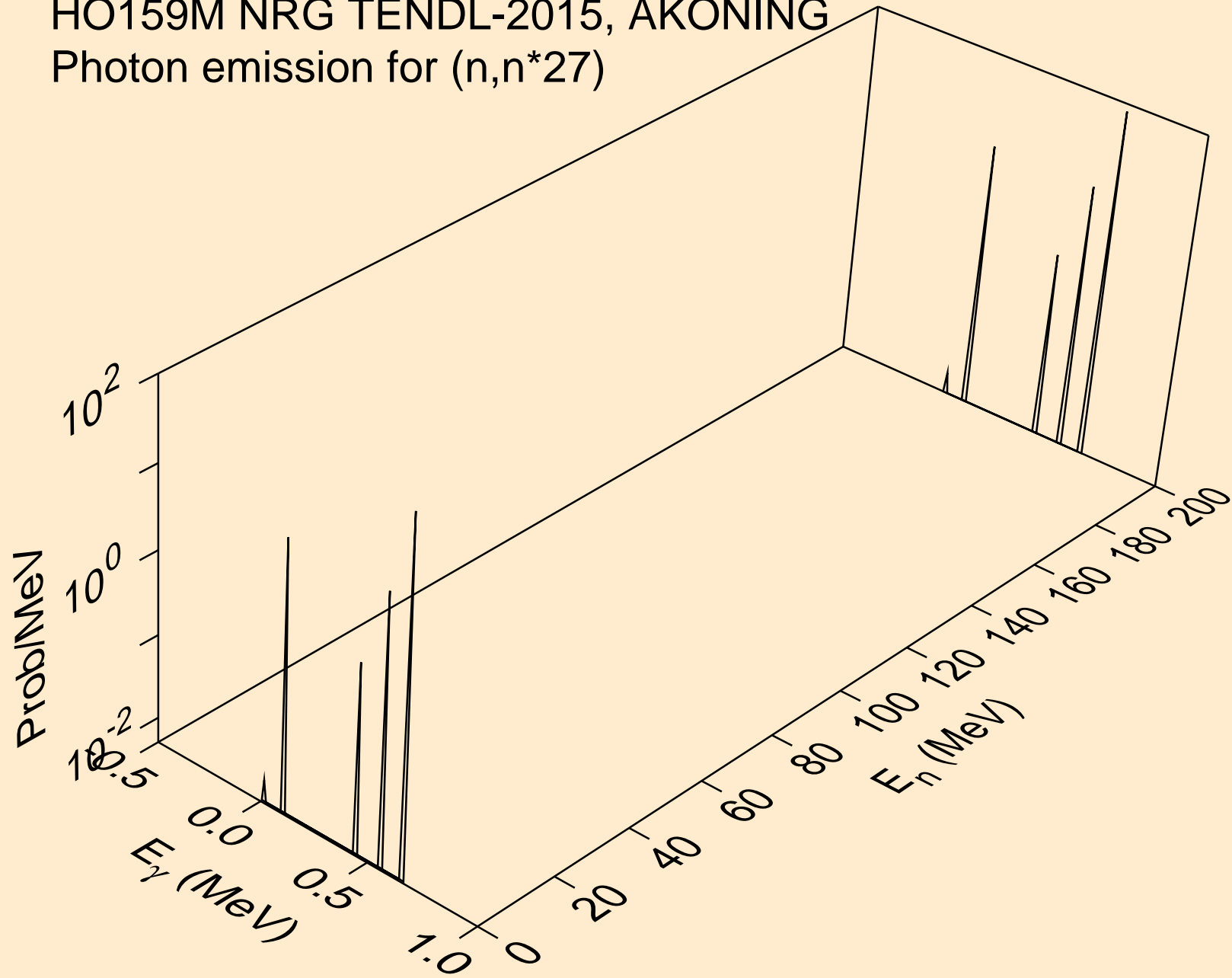
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Photon emission for (n,n\*25)



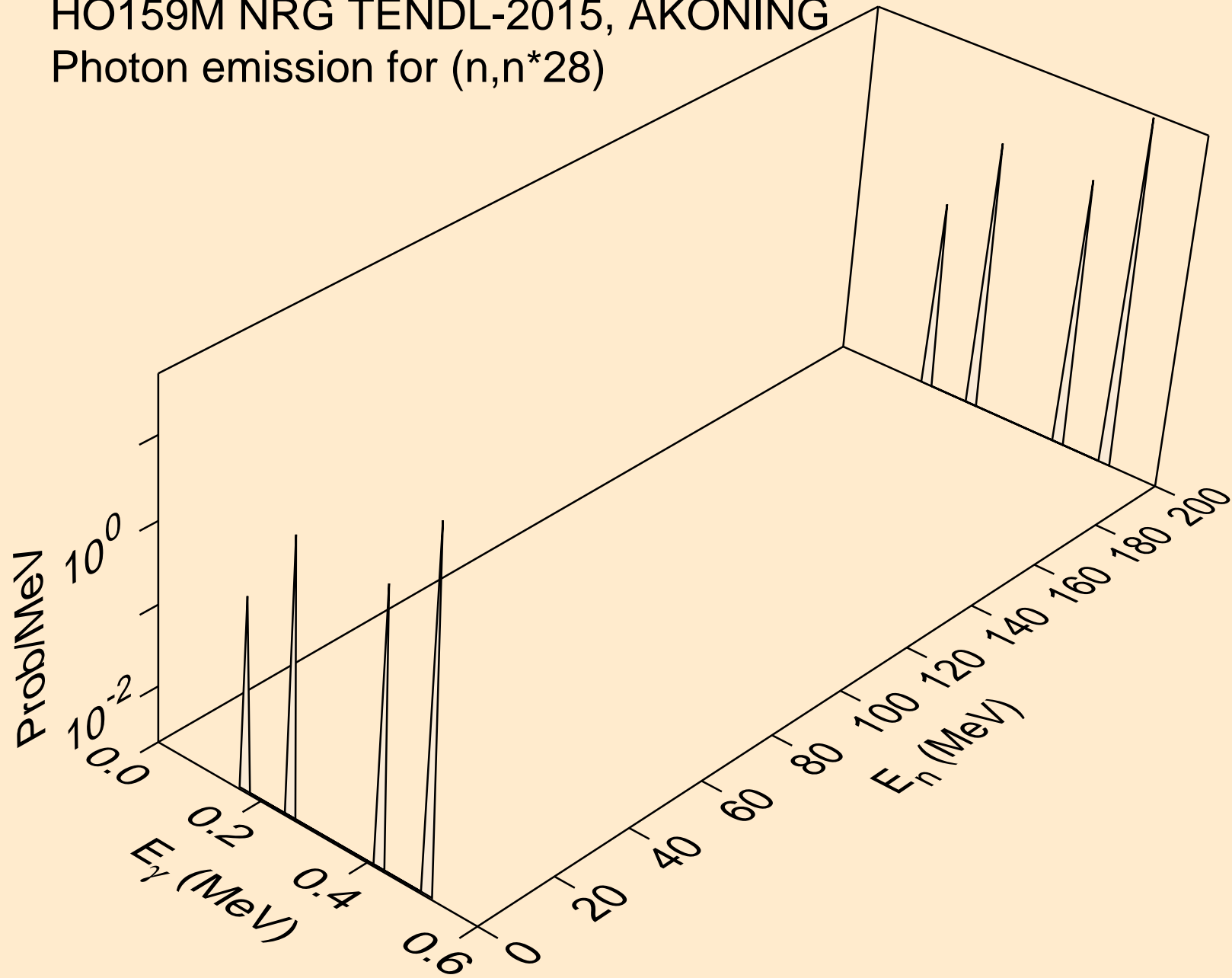
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)



HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*27)

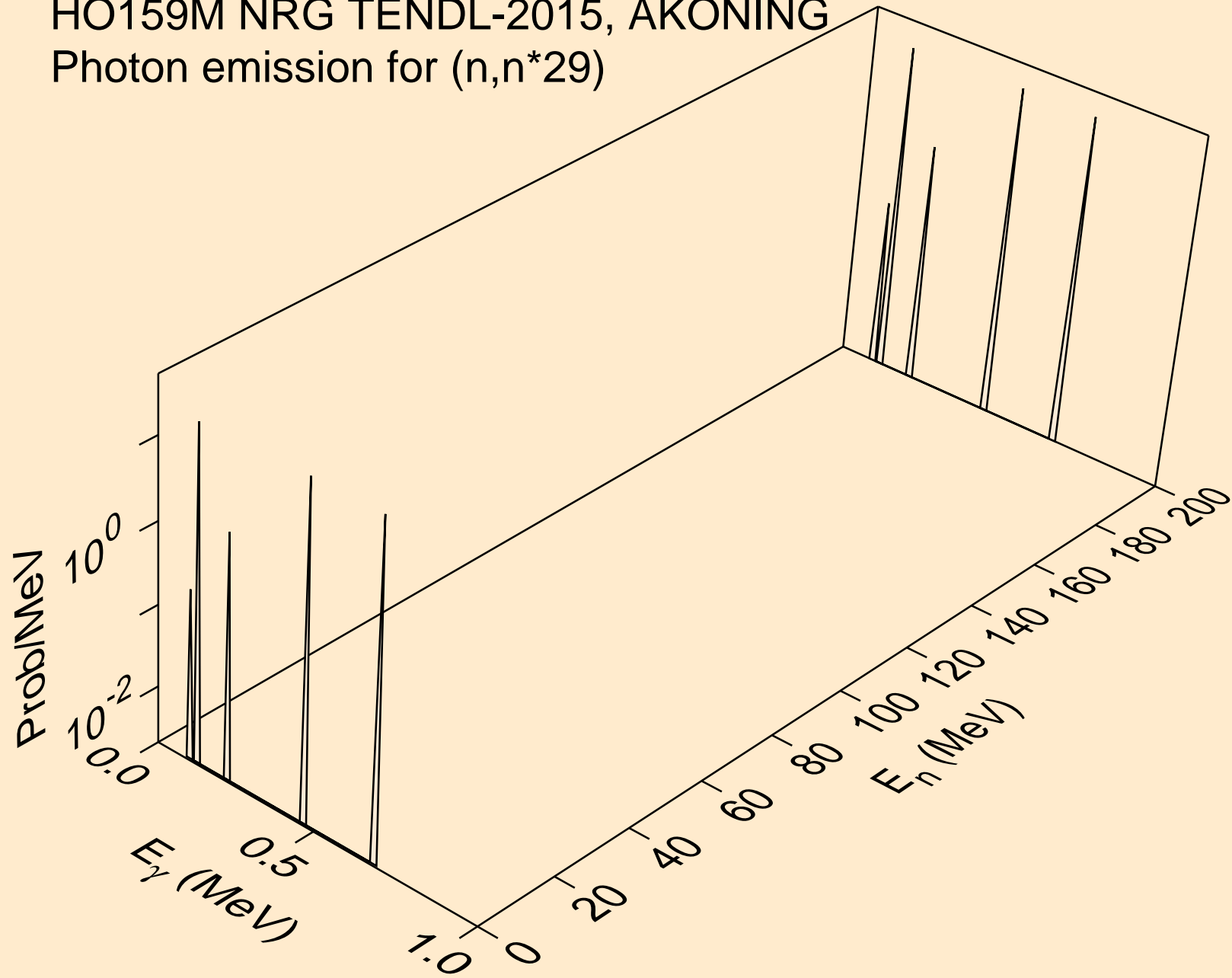


HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*28)

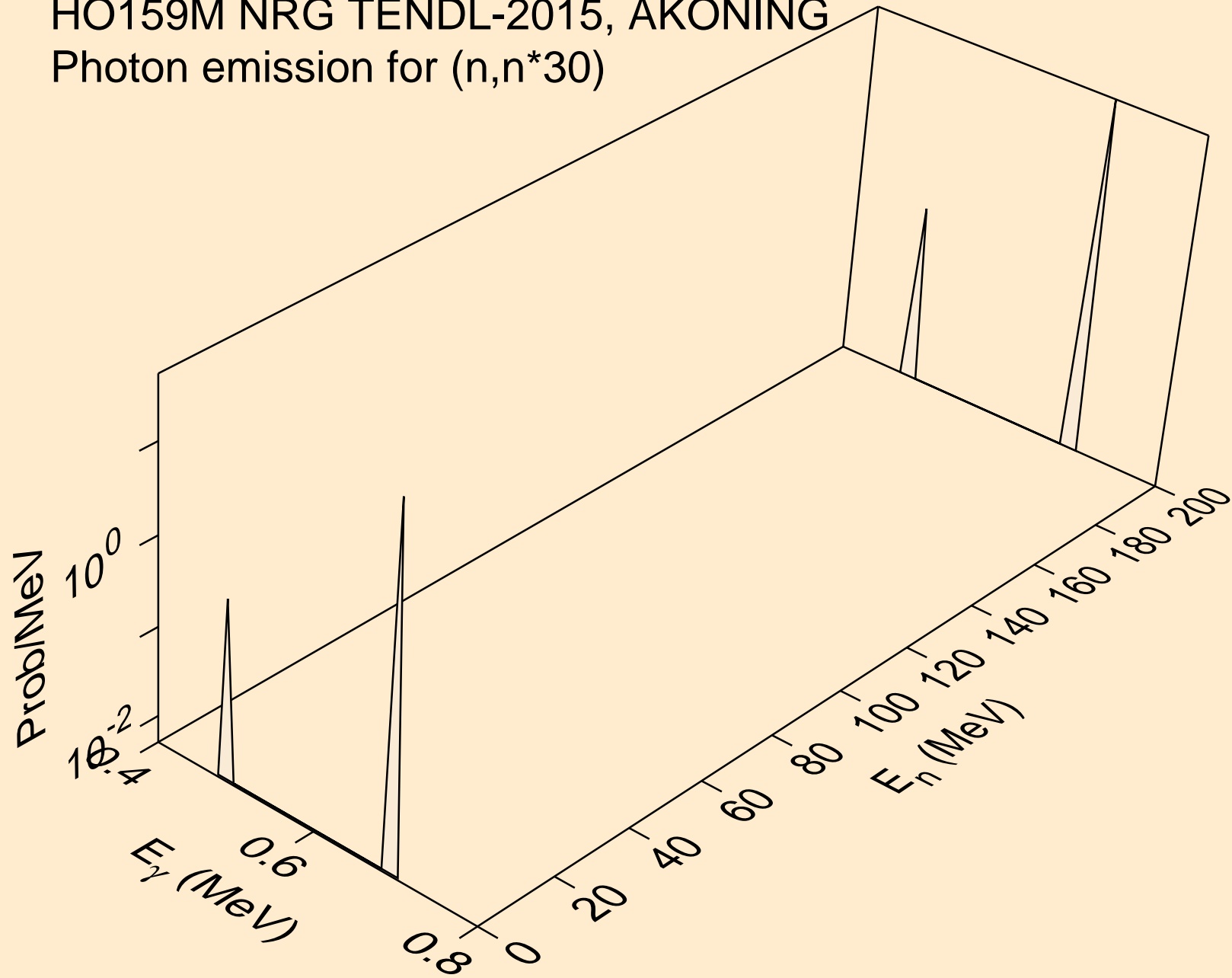




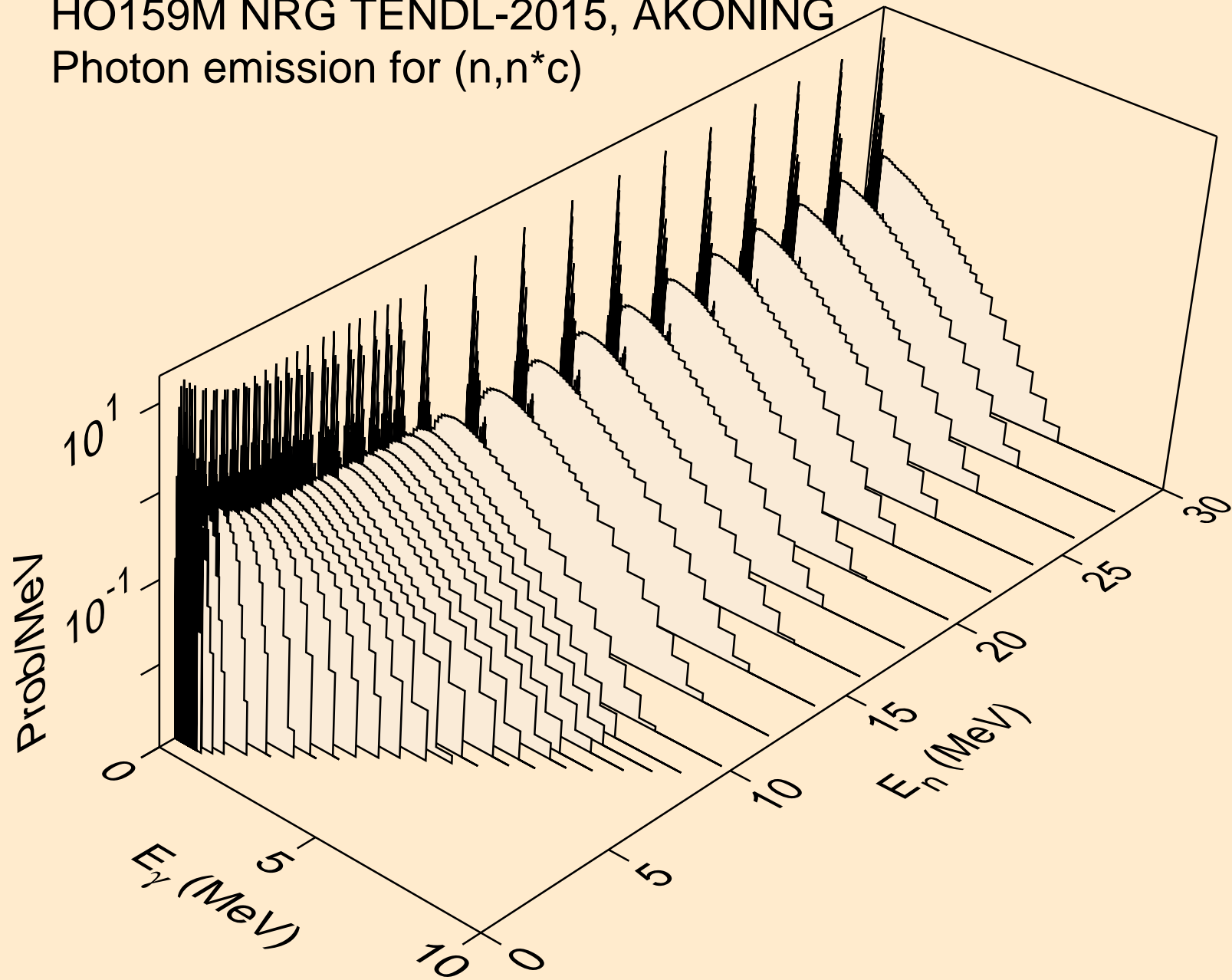
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Photon emission for (n,n\*29)



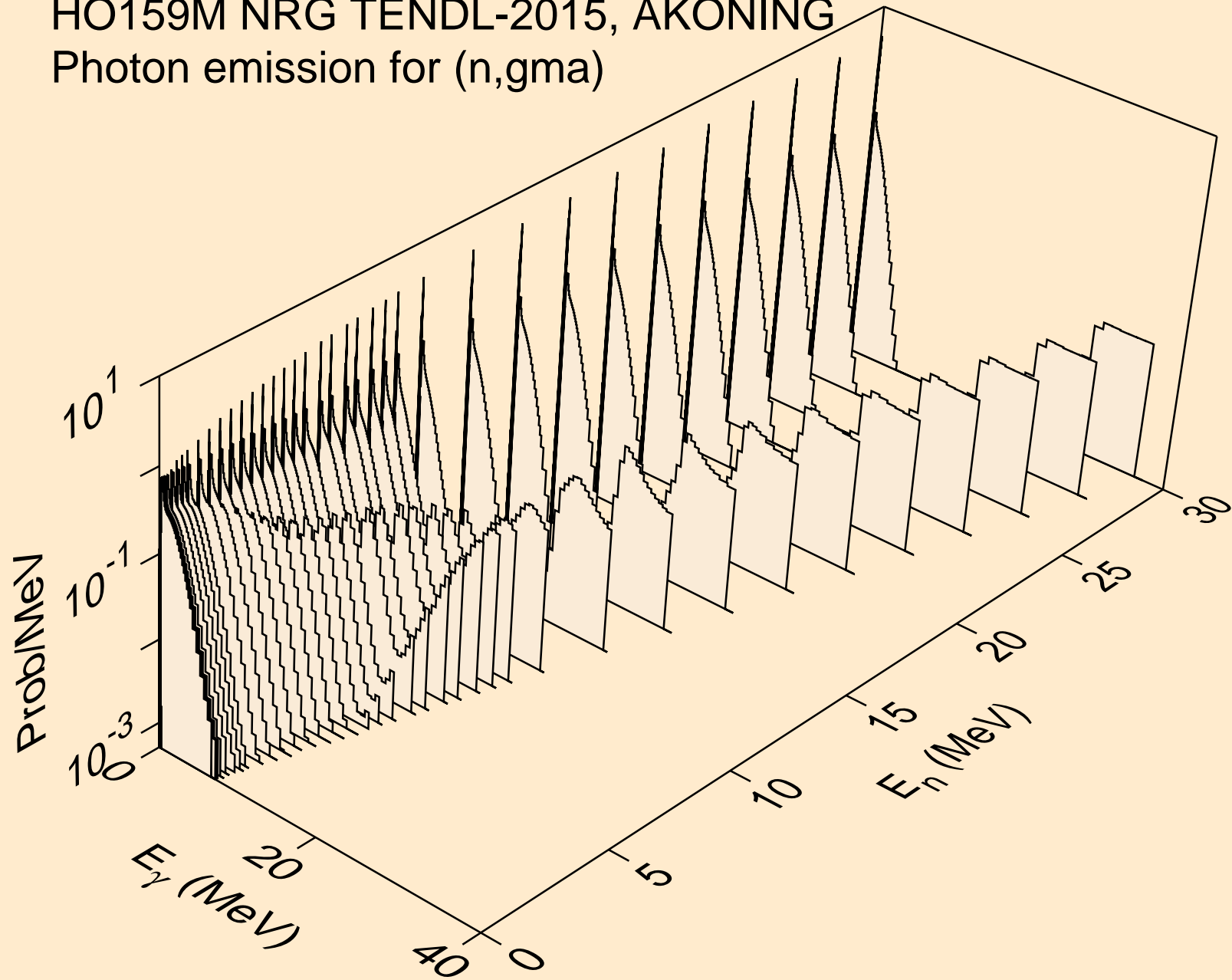
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Photon emission for (n,n\*30)



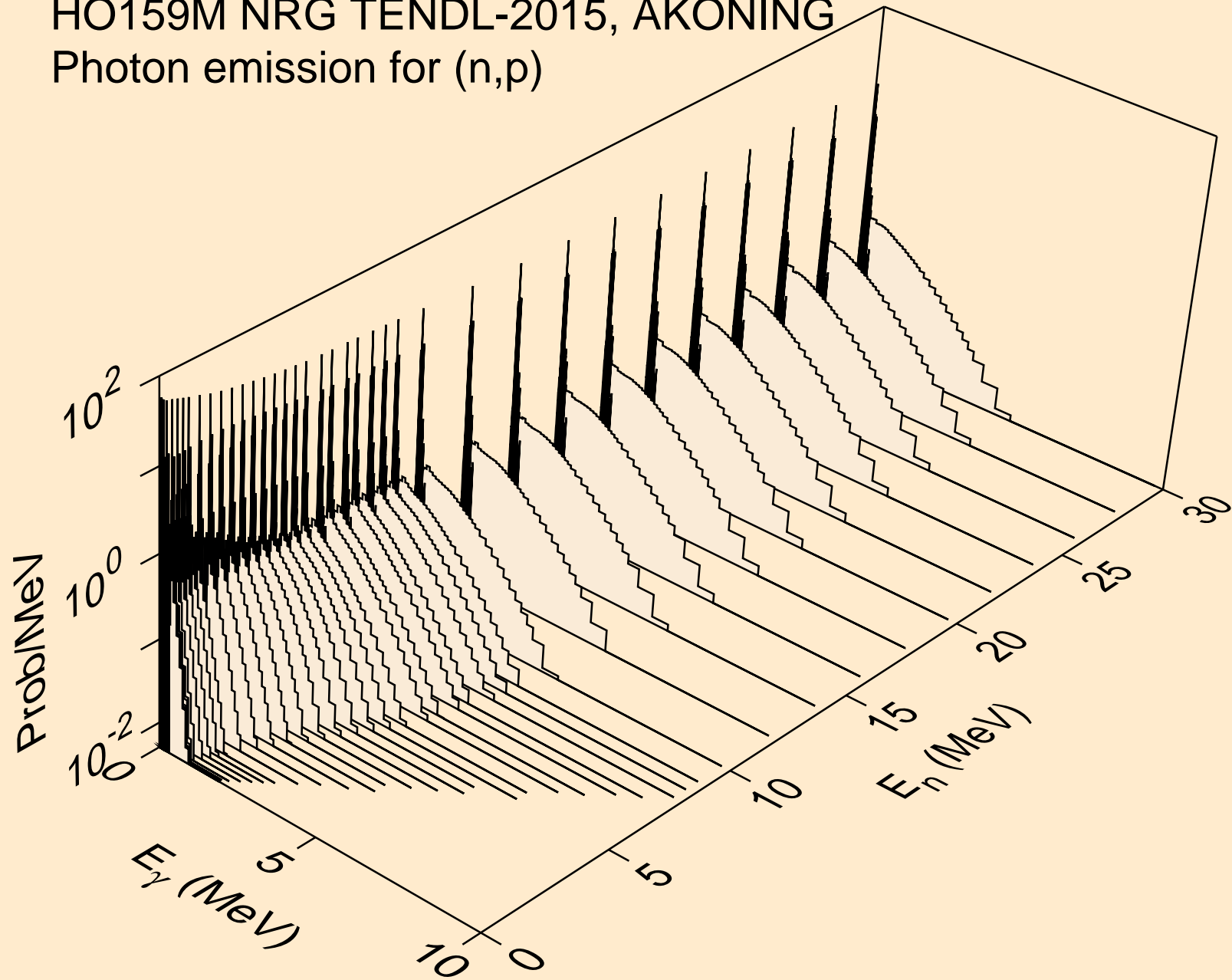
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Photon emission for (n,n\*c)



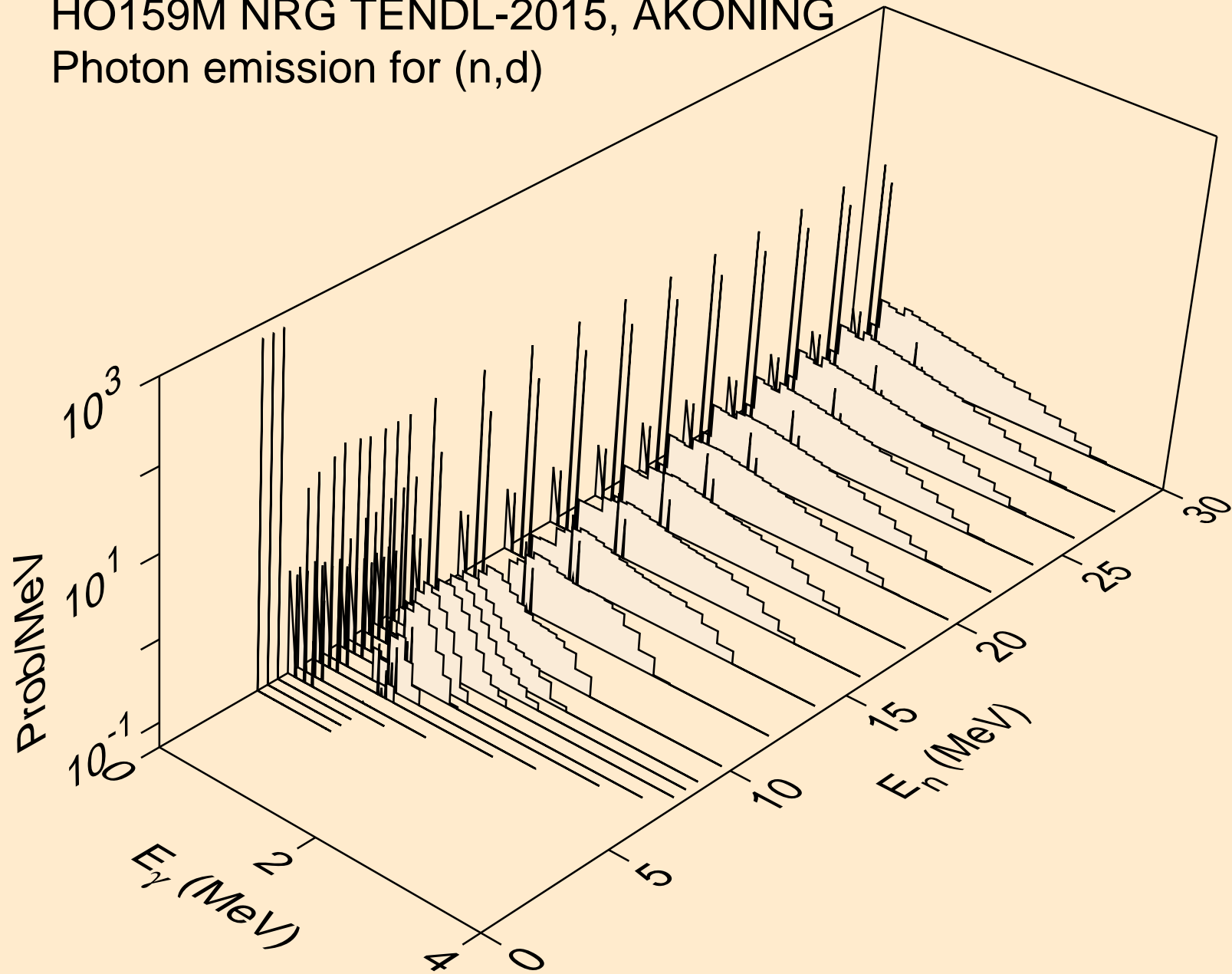
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Photon emission for (n,gma)



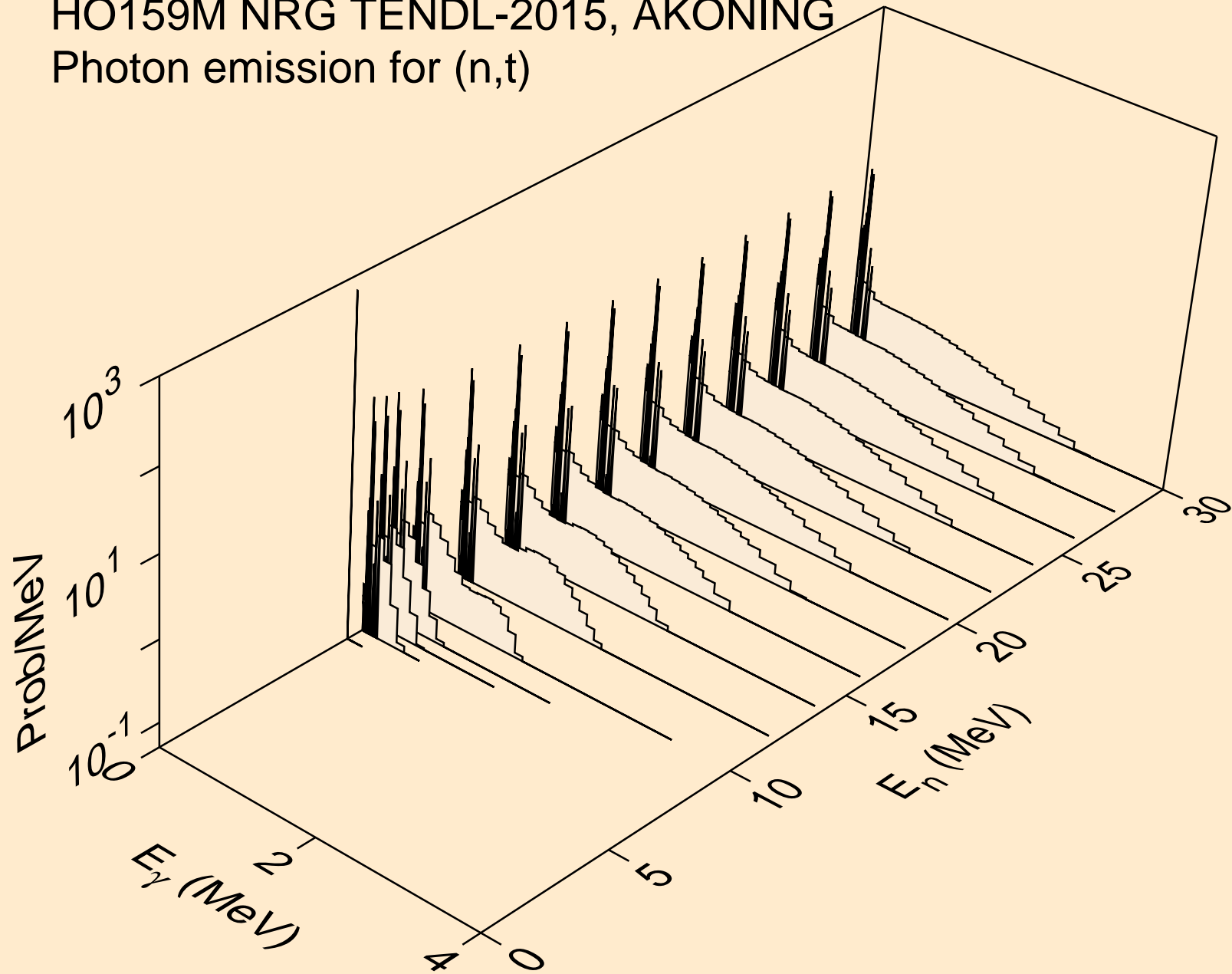
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Photon emission for (n,p)



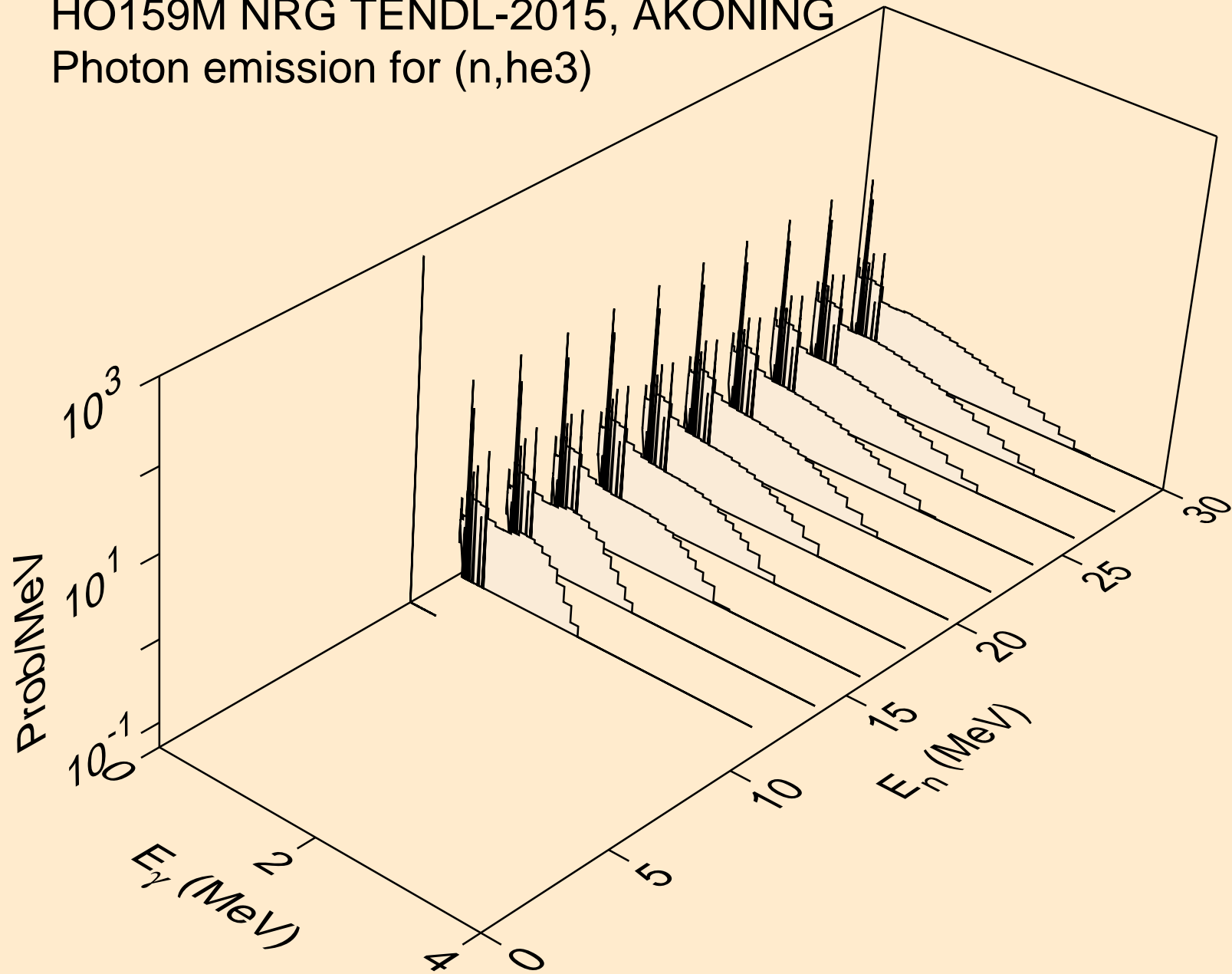
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Photon emission for (n,d)



HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,t)

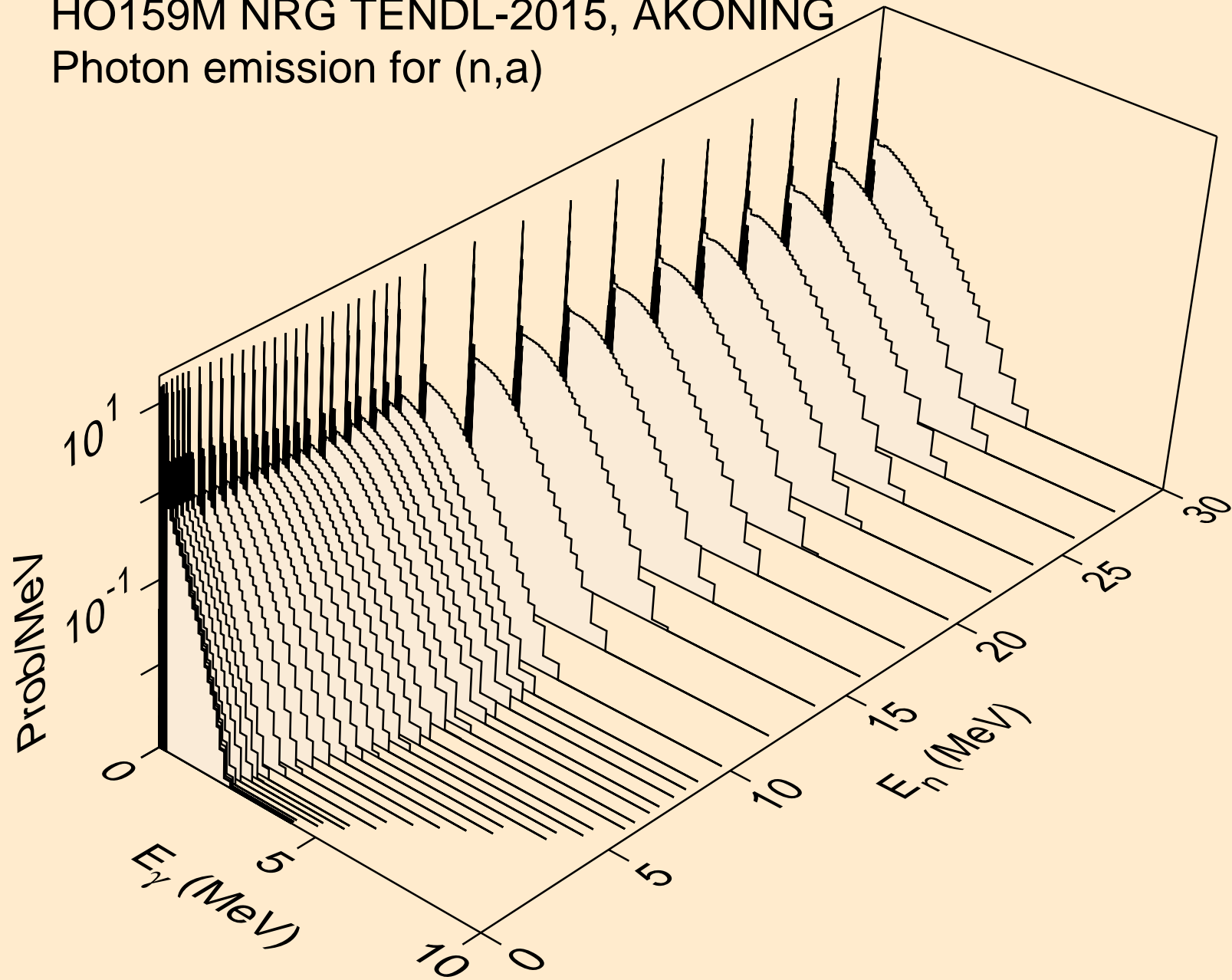


HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

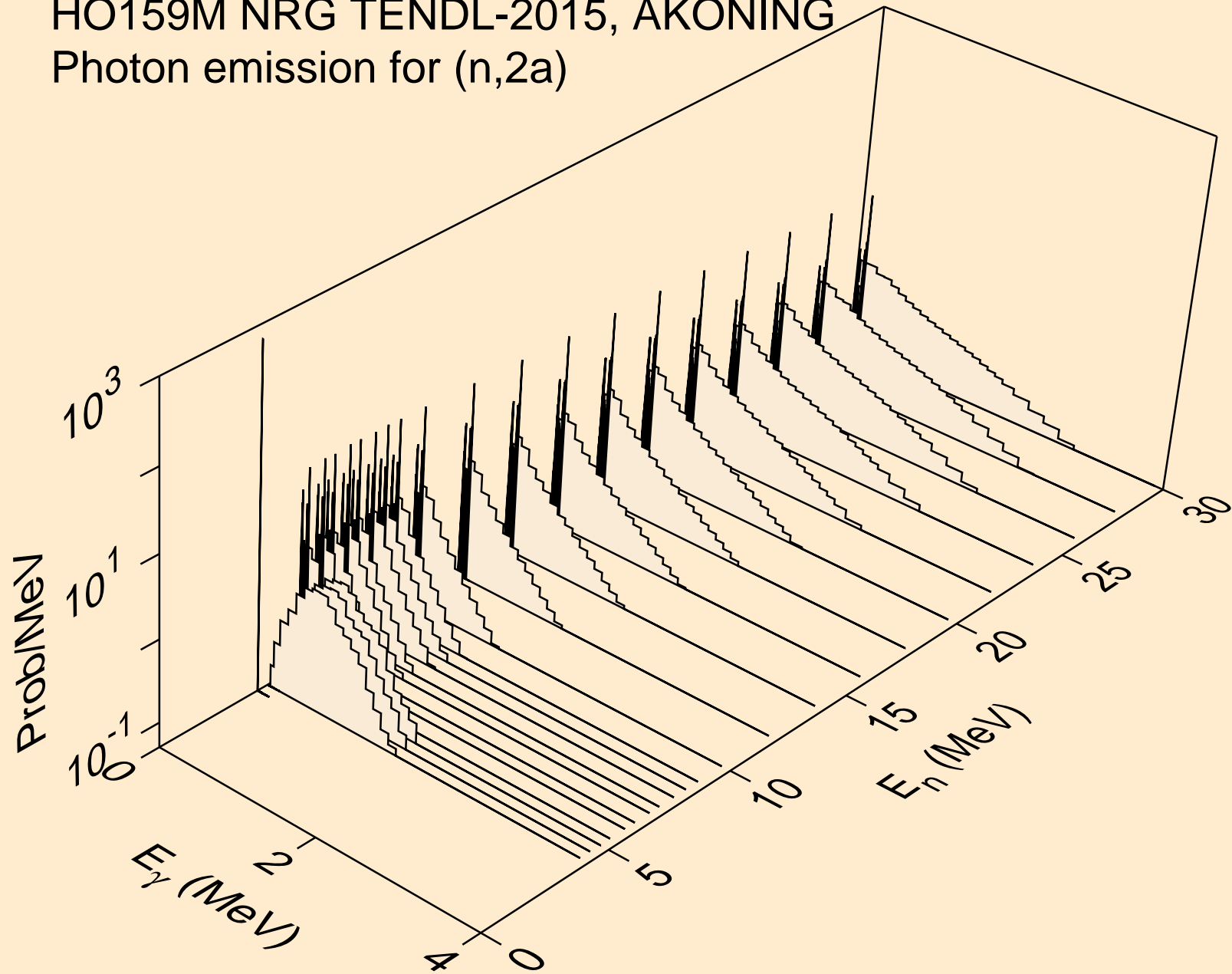




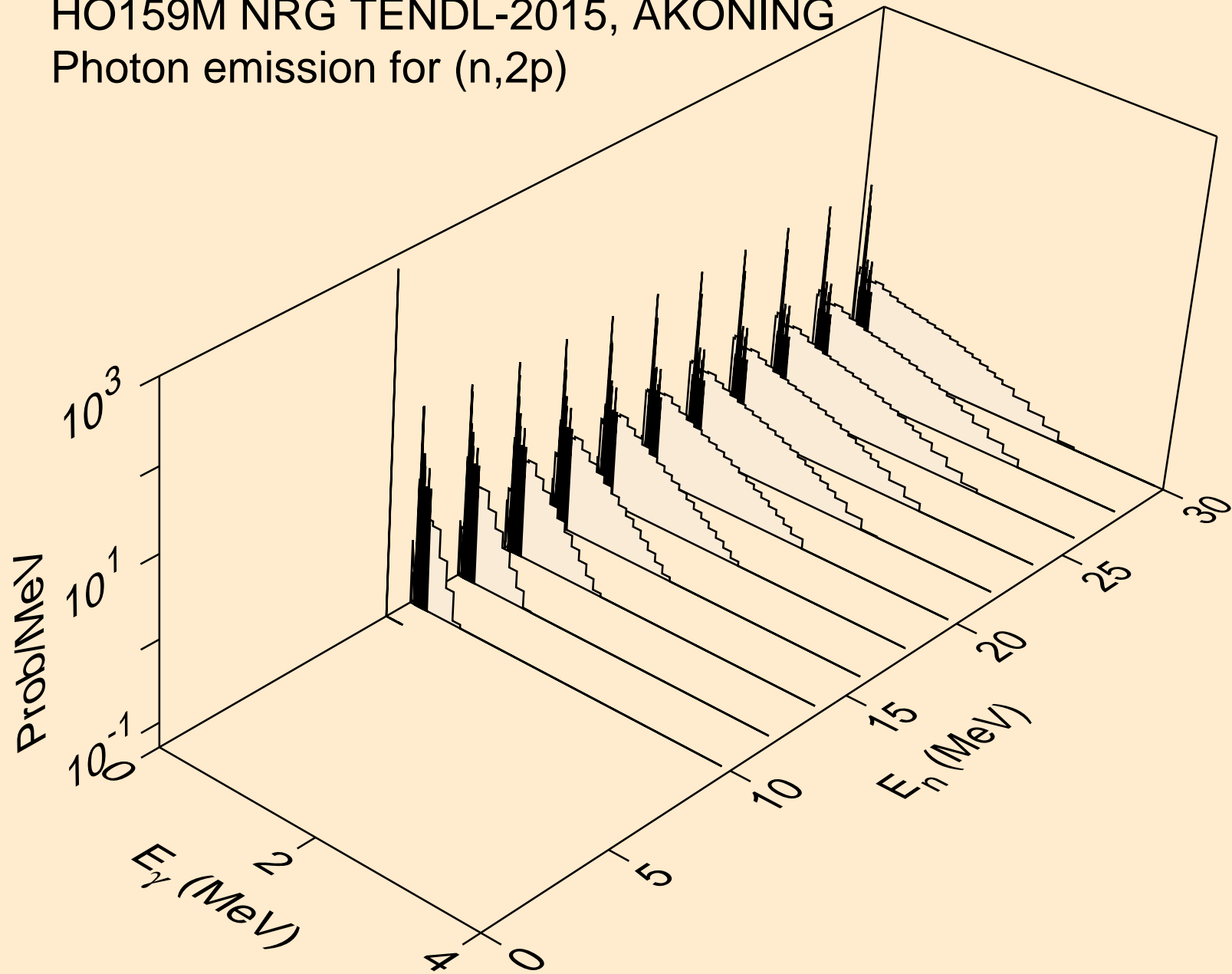
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Photon emission for (n,a)



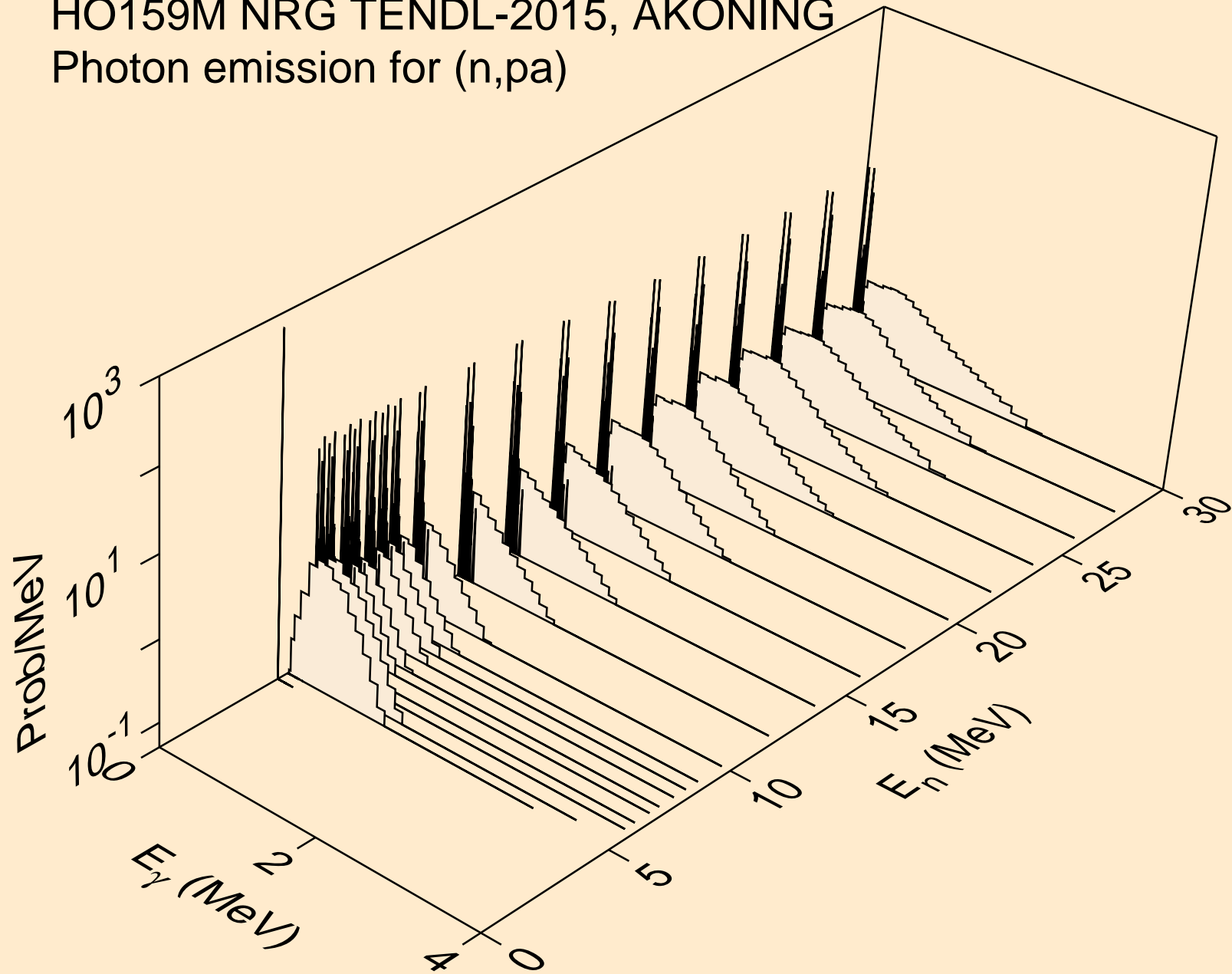
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Photon emission for (n,2a)



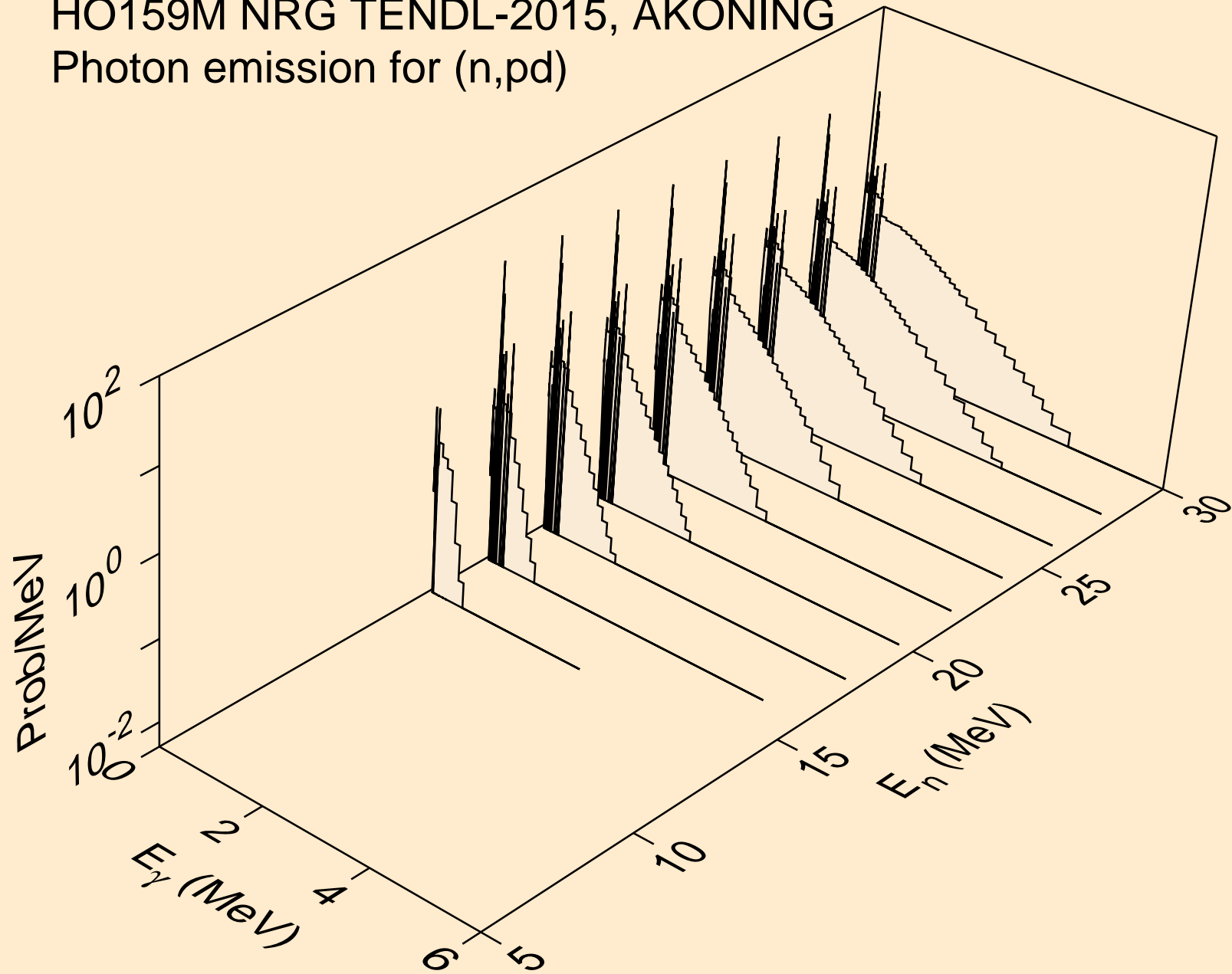
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Photon emission for (n,2p)



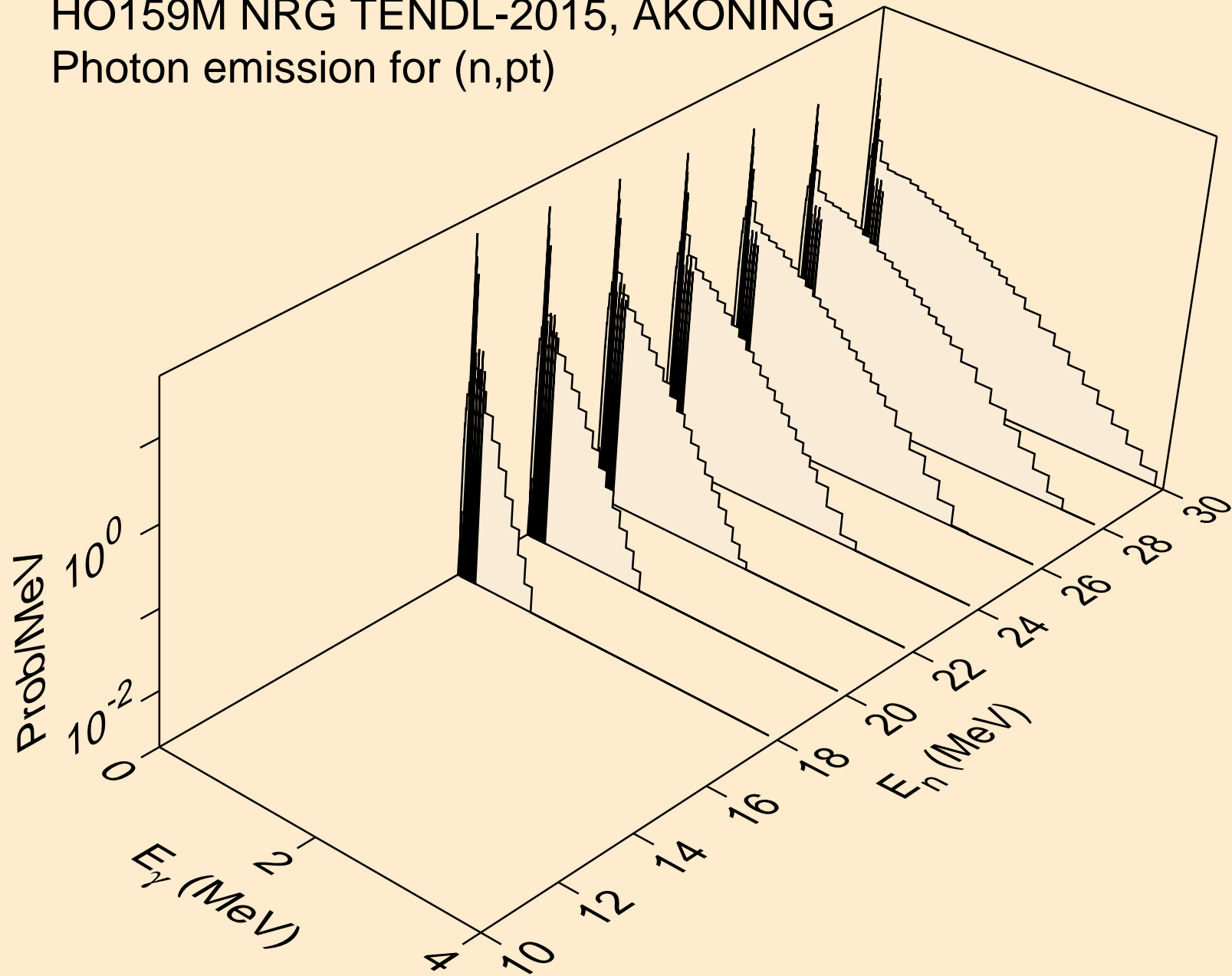
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Photon emission for (n,p)



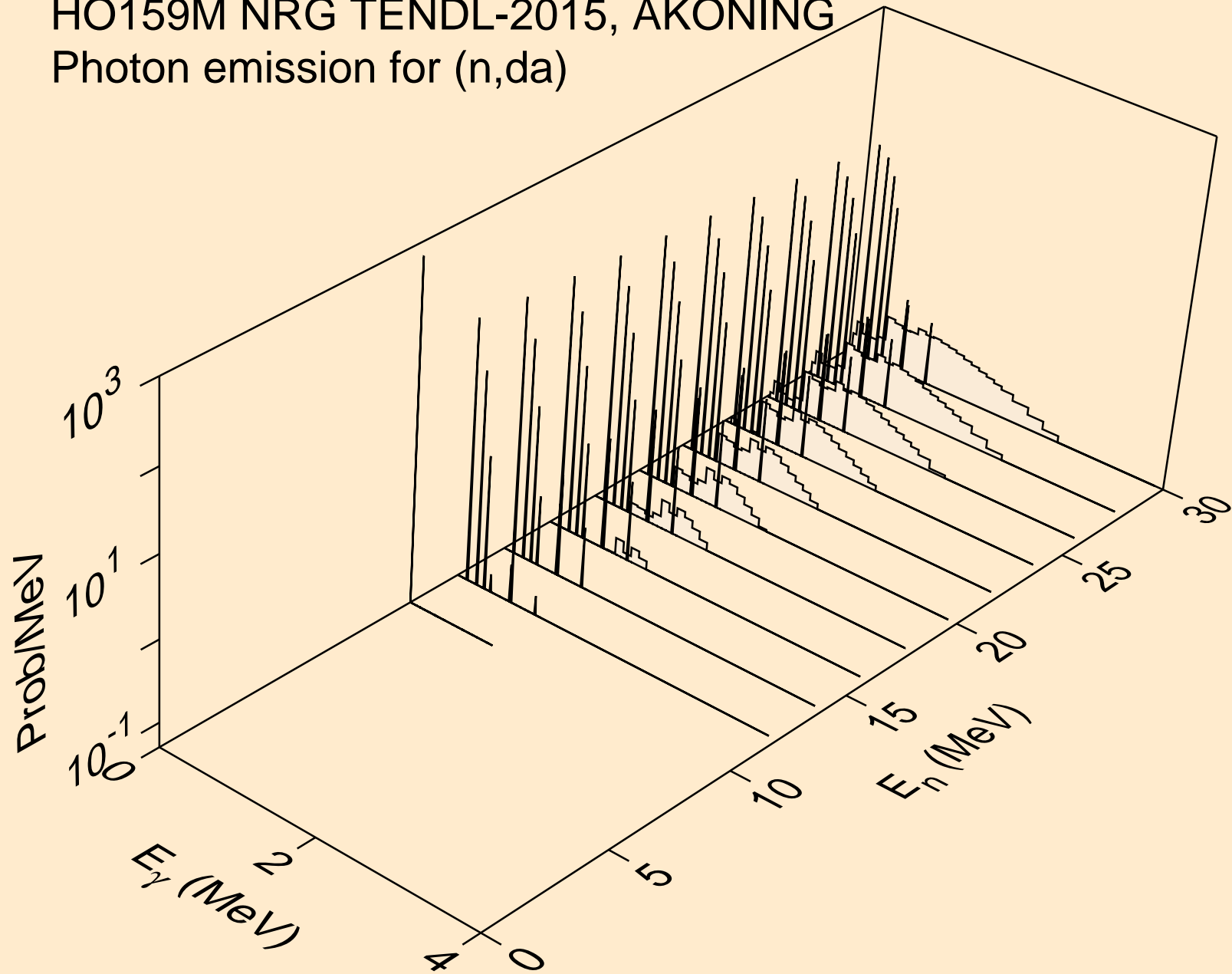
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Photon emission for (n,pd)



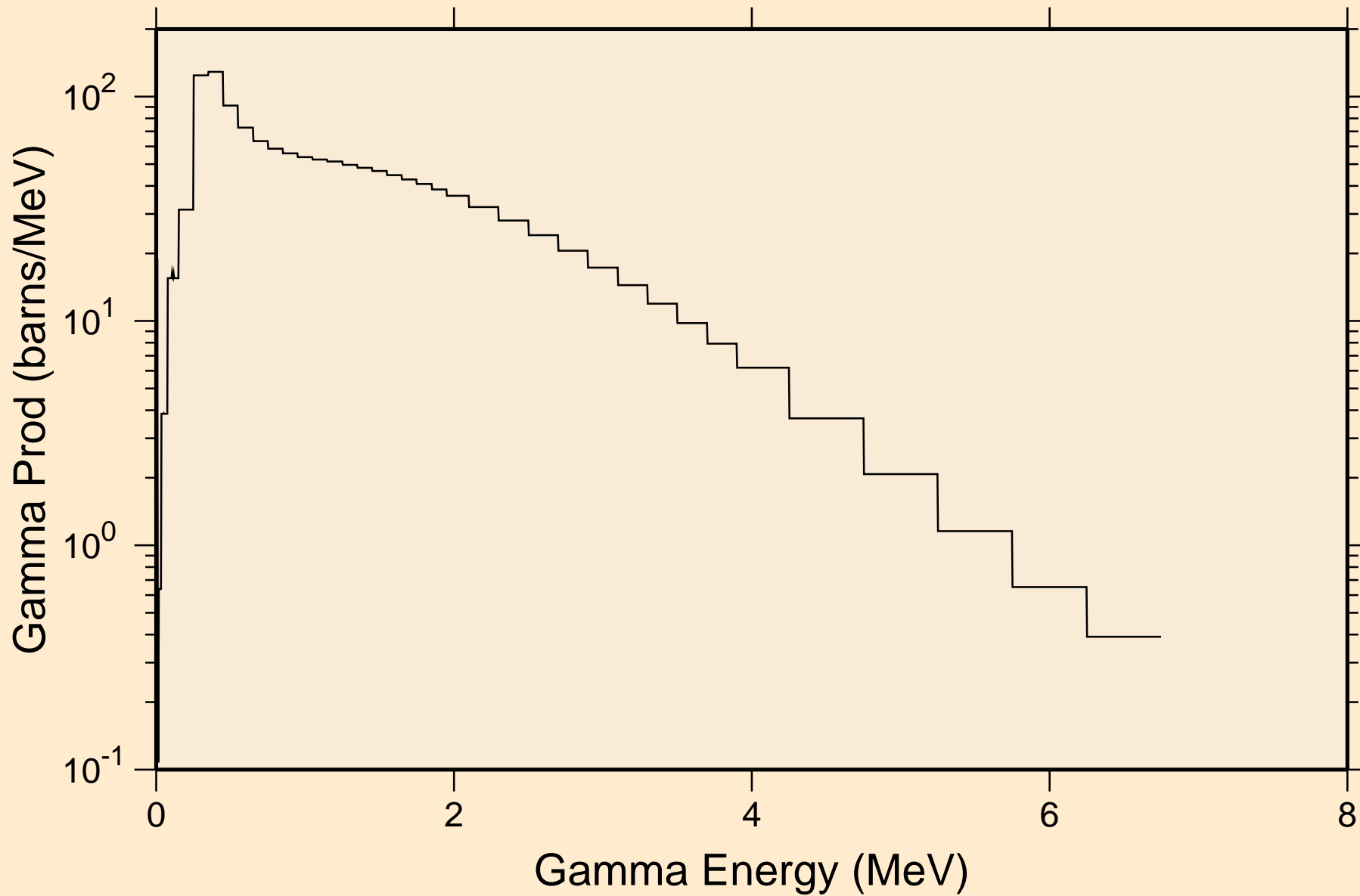
HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



HO159M NRG TENDL-2015, AKONING  
Photon emission for (n,da)

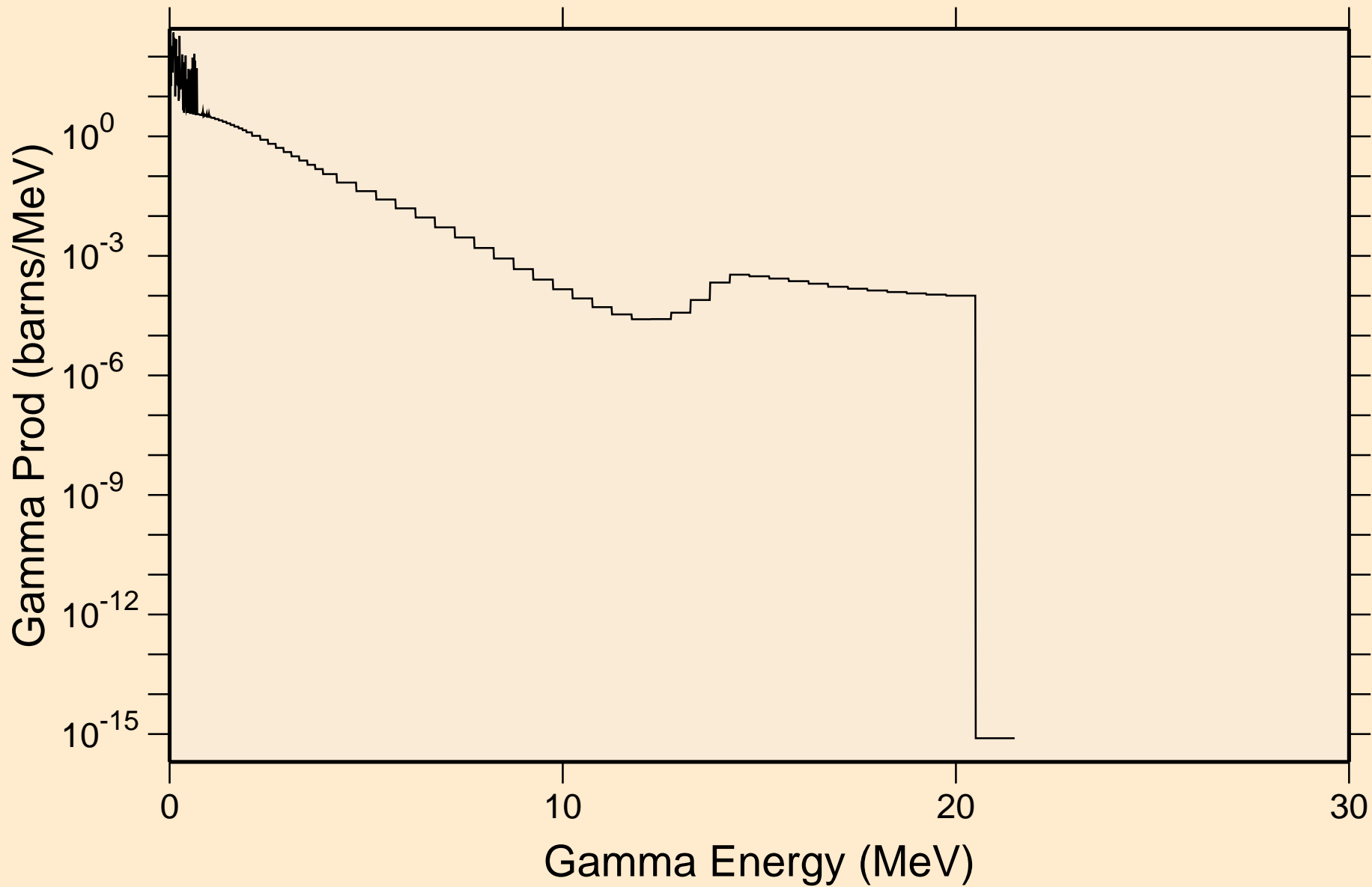


HO159M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



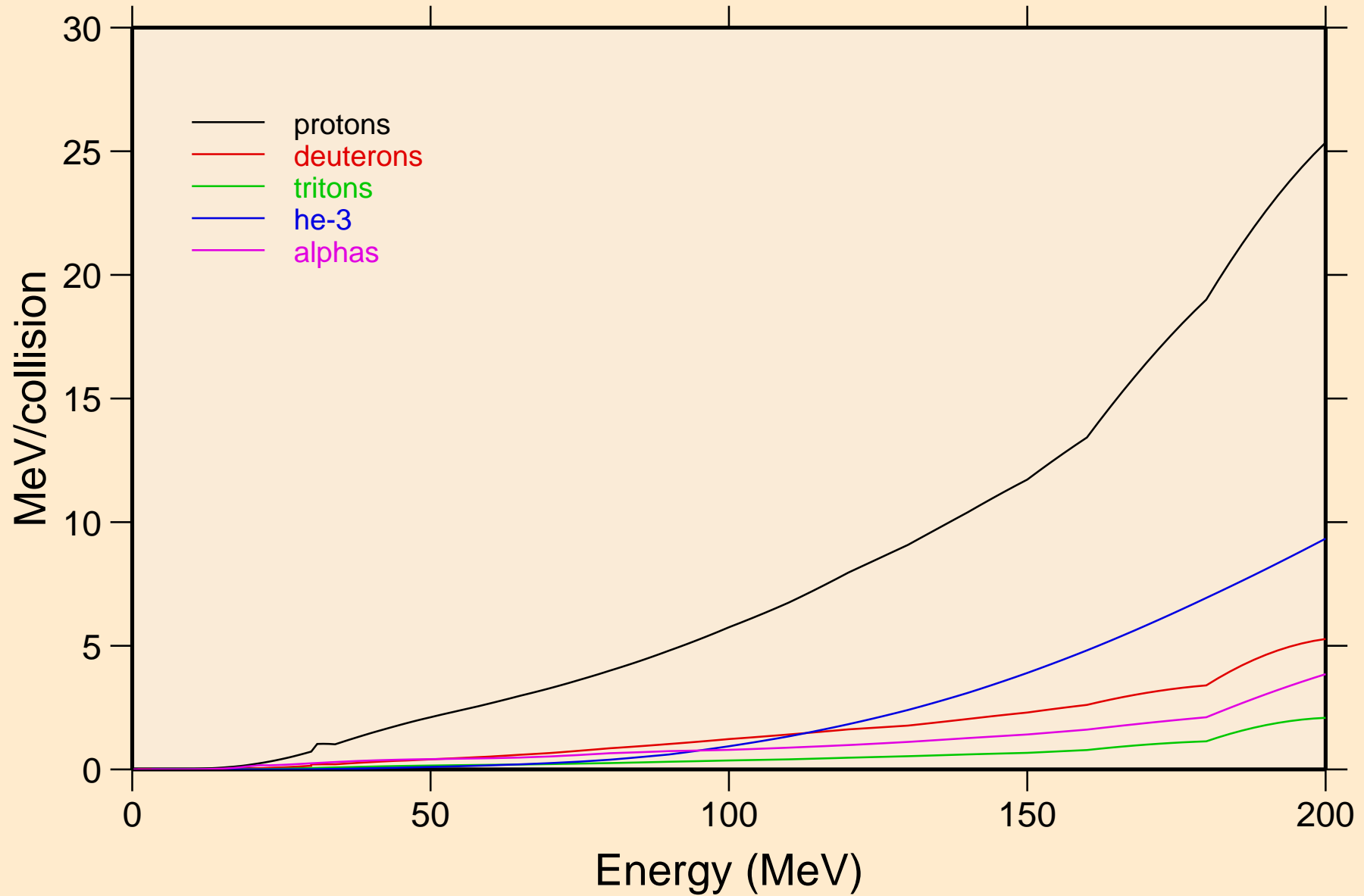


HO159M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



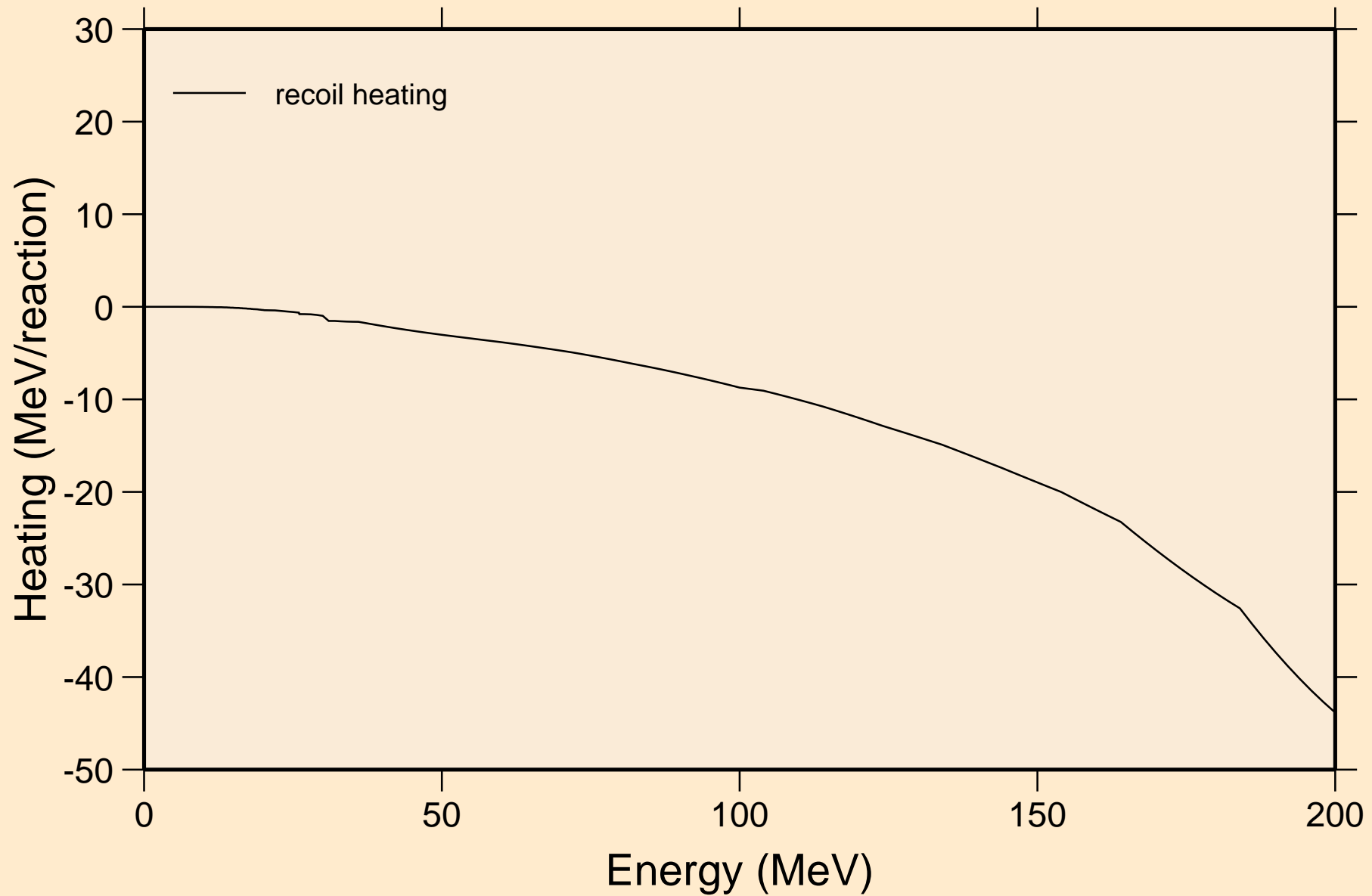
# HO159M NRG TENDL-2015, AKONING

## Particle heating contributions



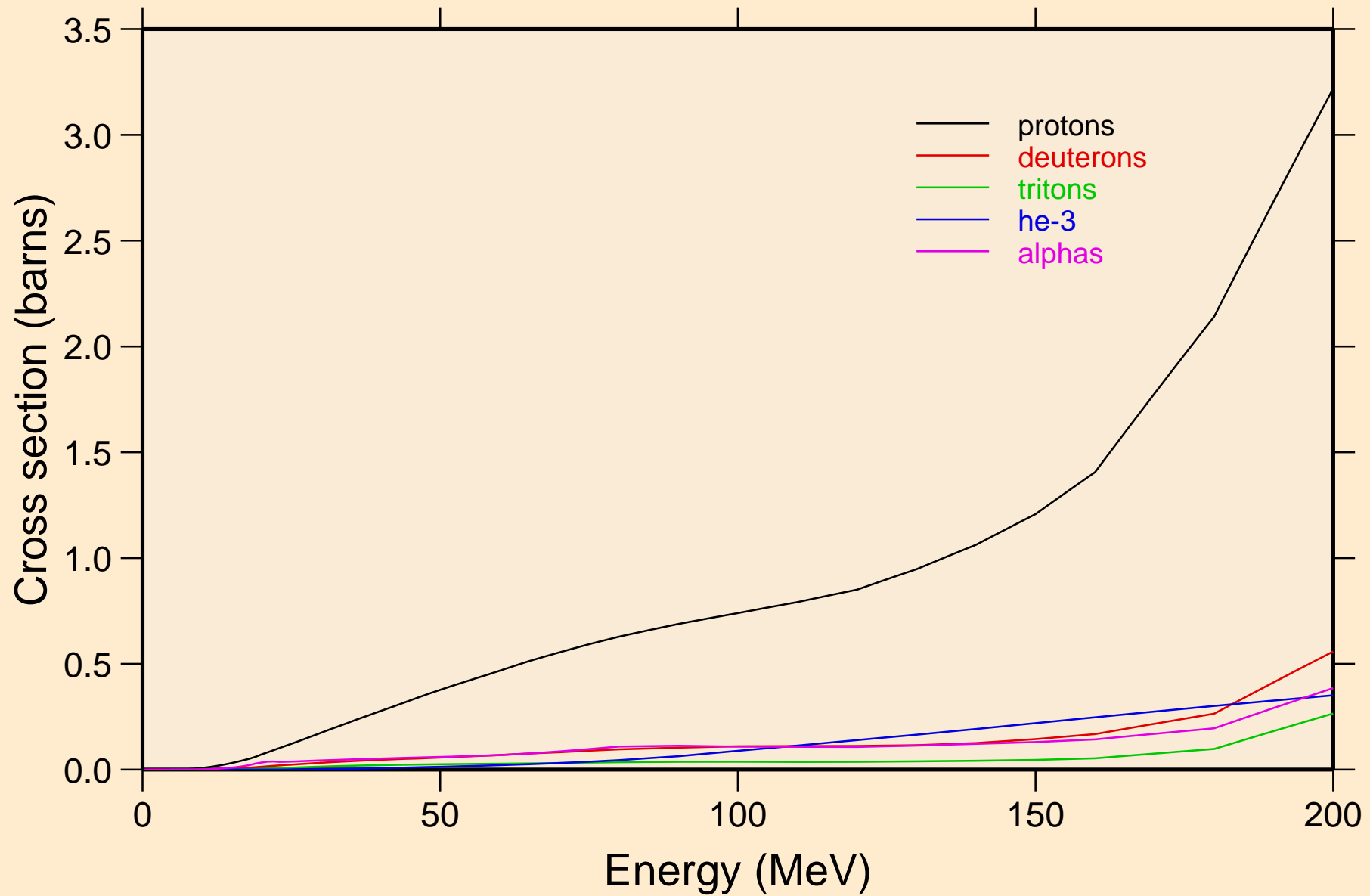
# HO159M NRG TENDL-2015, AKONING

## Recoil Heating

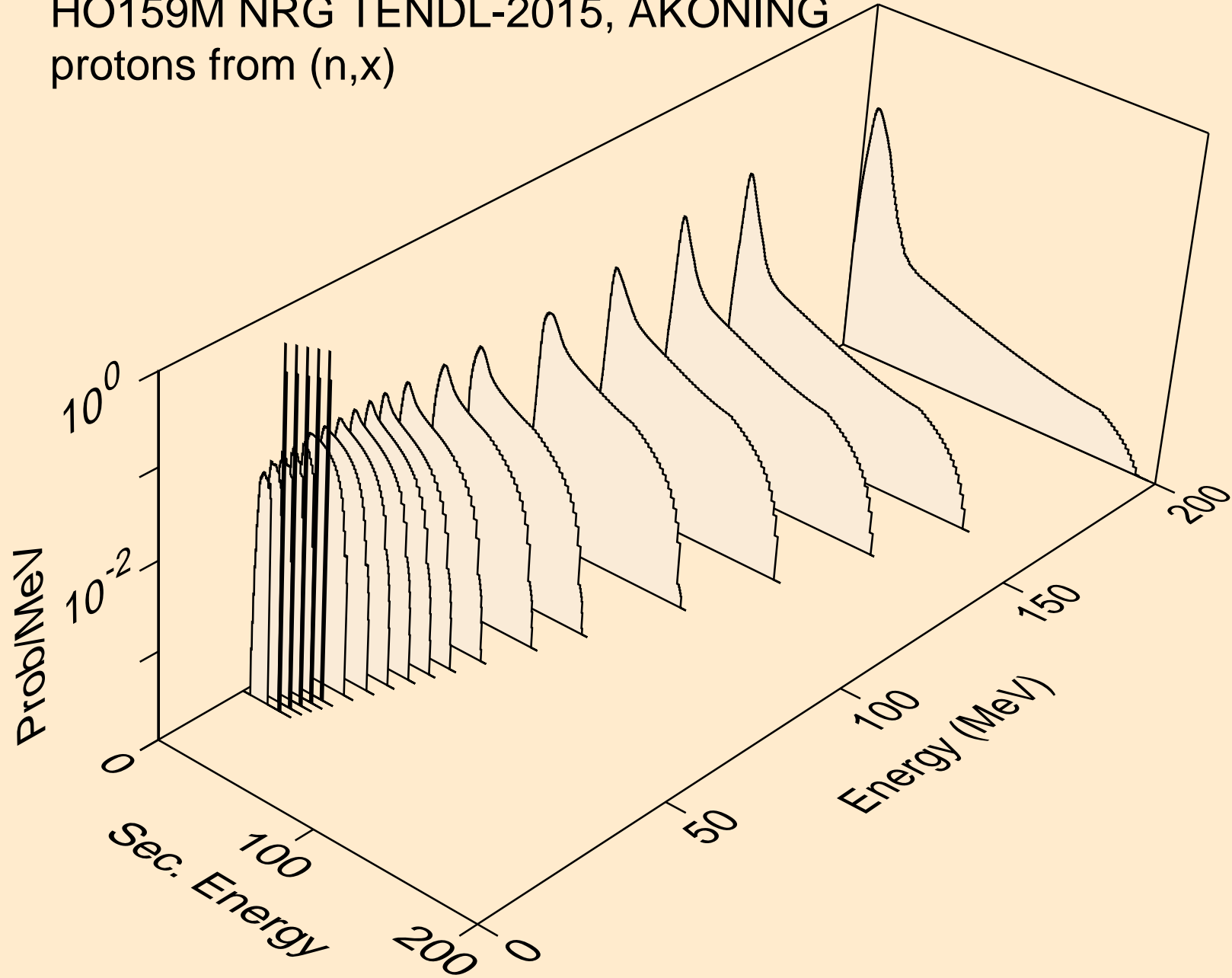


# HO159M NRG TENDL-2015, AKONING

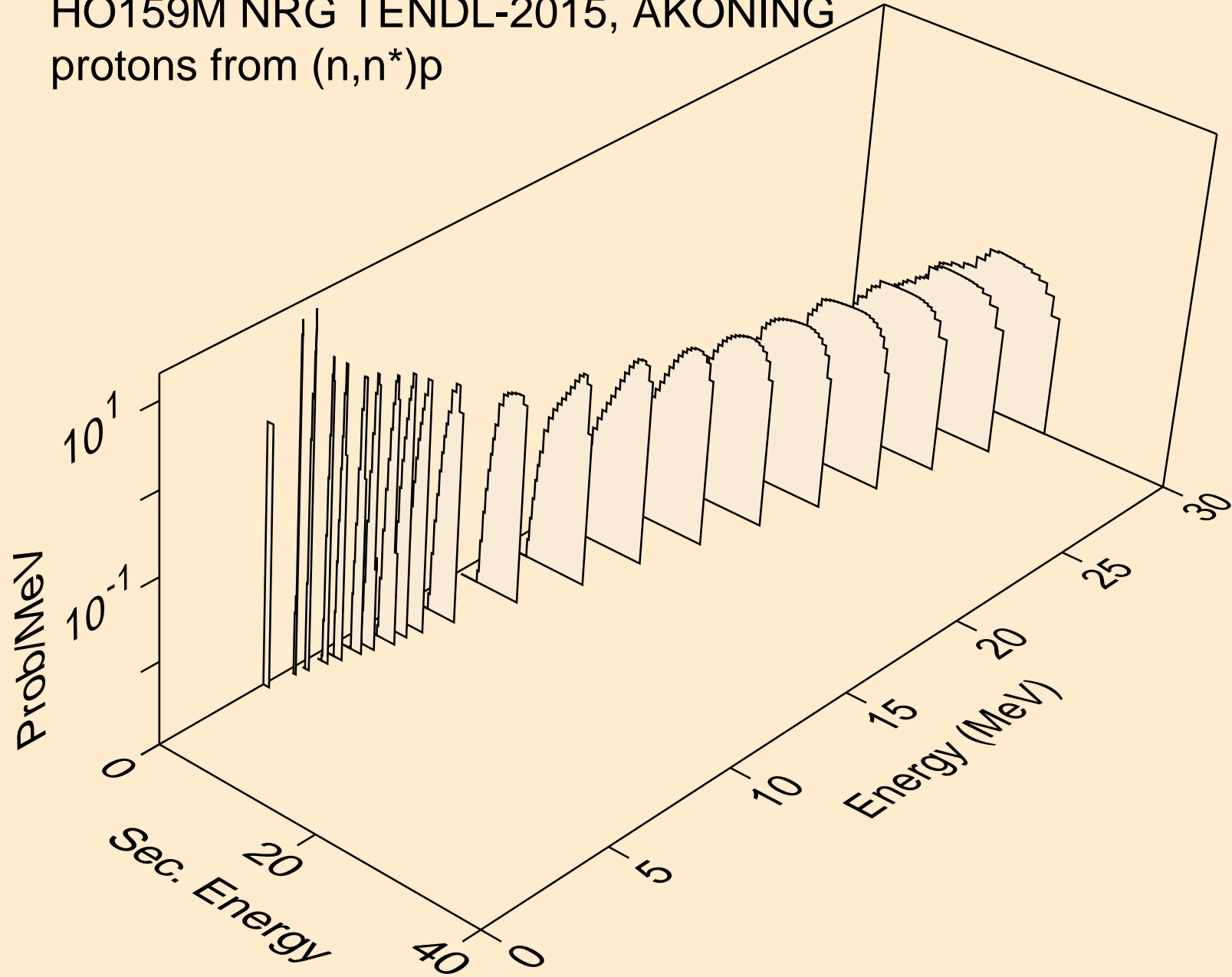
## Particle production cross sections



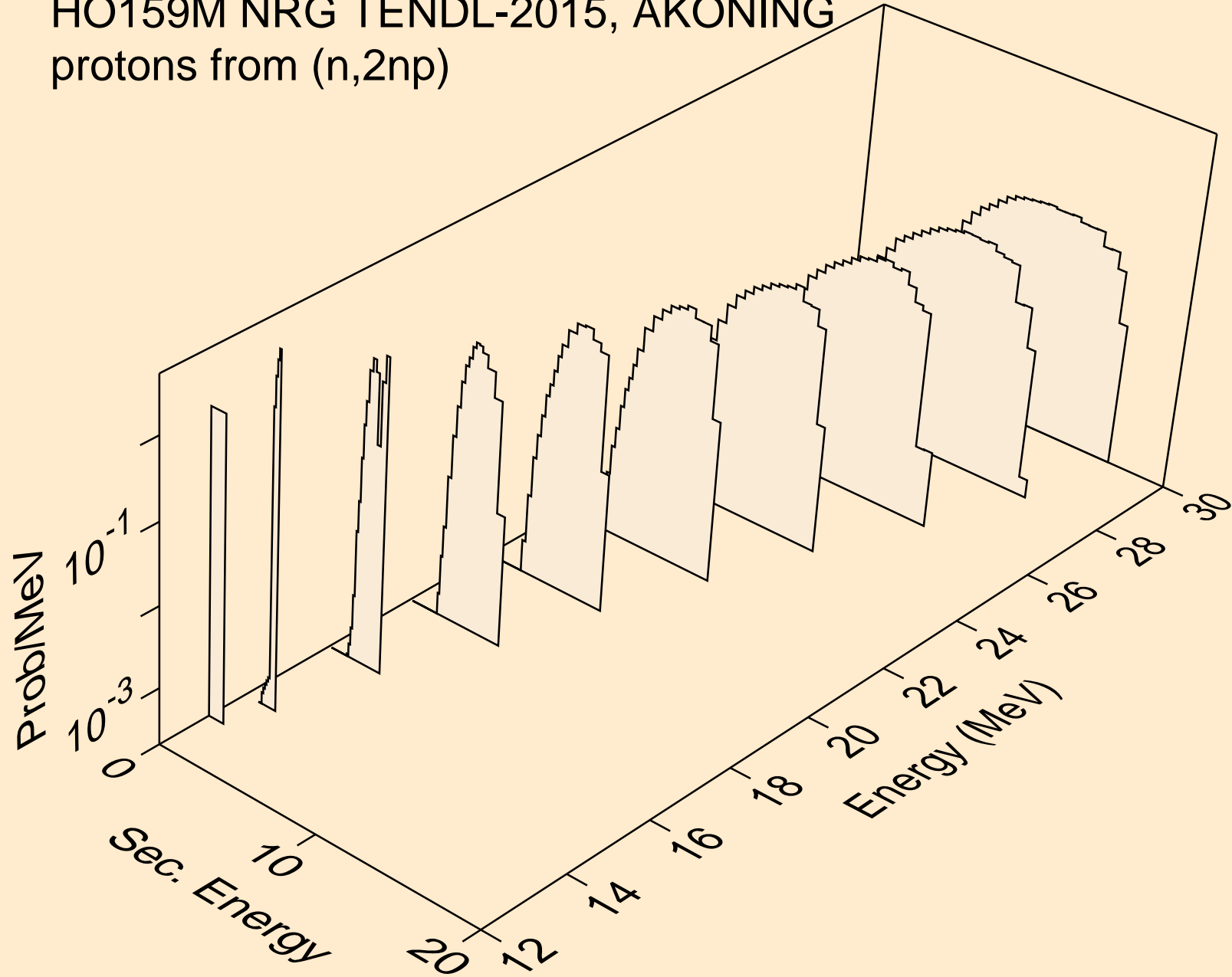
HO159M NRG TENDL-2015, AKONING  
protons from (n,x)



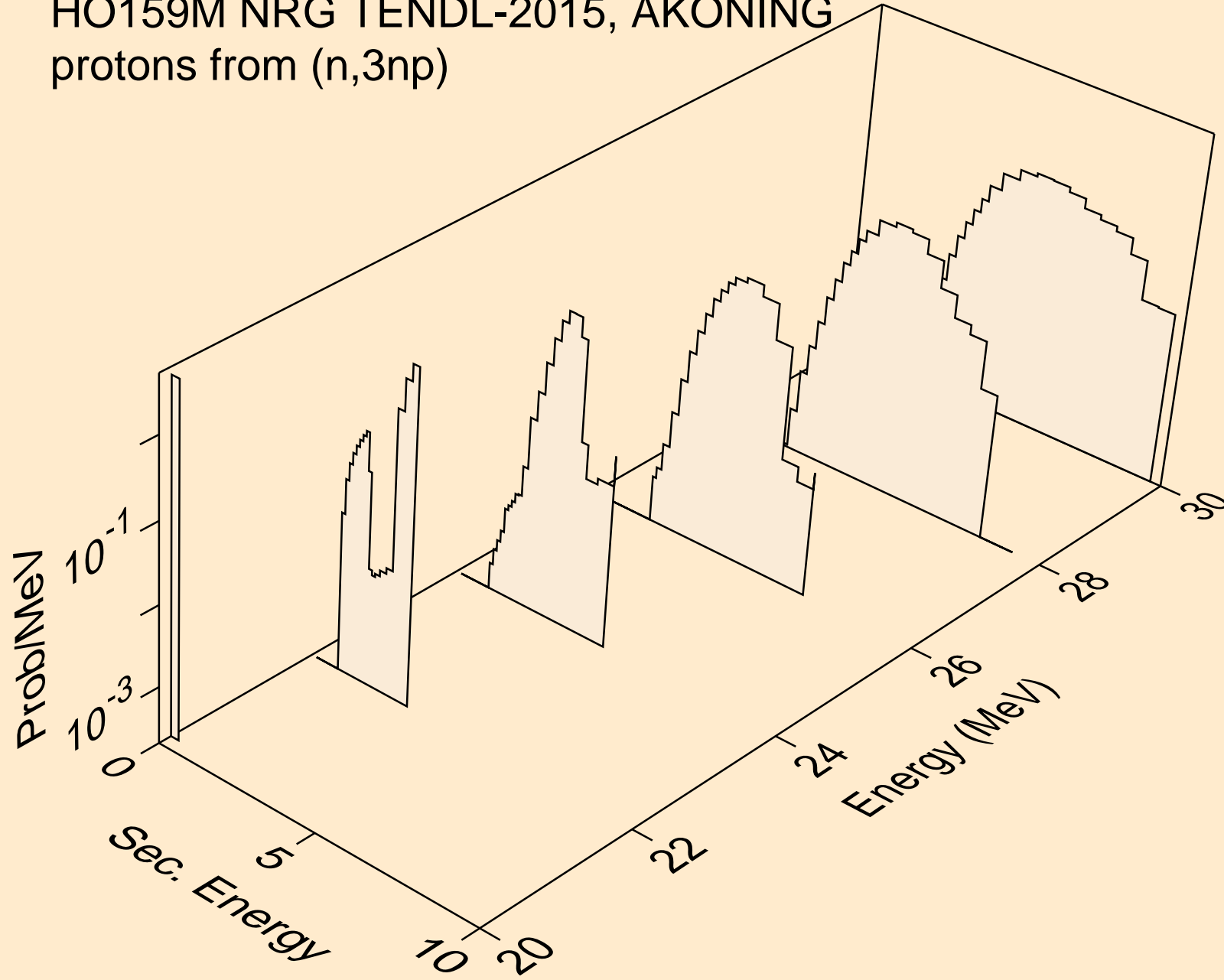
HO159M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



HO159M NRG TENDL-2015, AKONING  
protons from (n,2np)

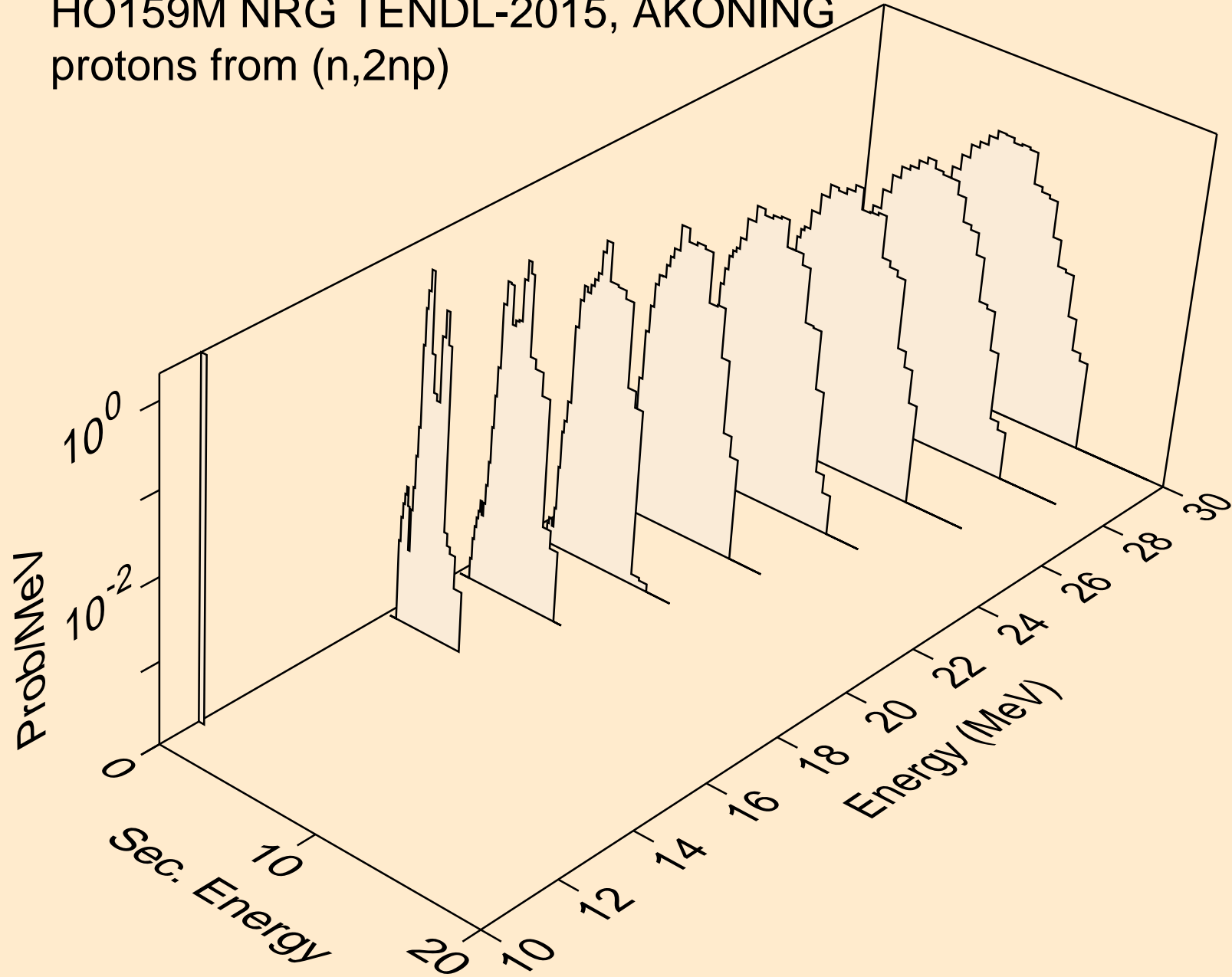


HO159M NRG TENDL-2015, AKONING  
protons from (n,3np)

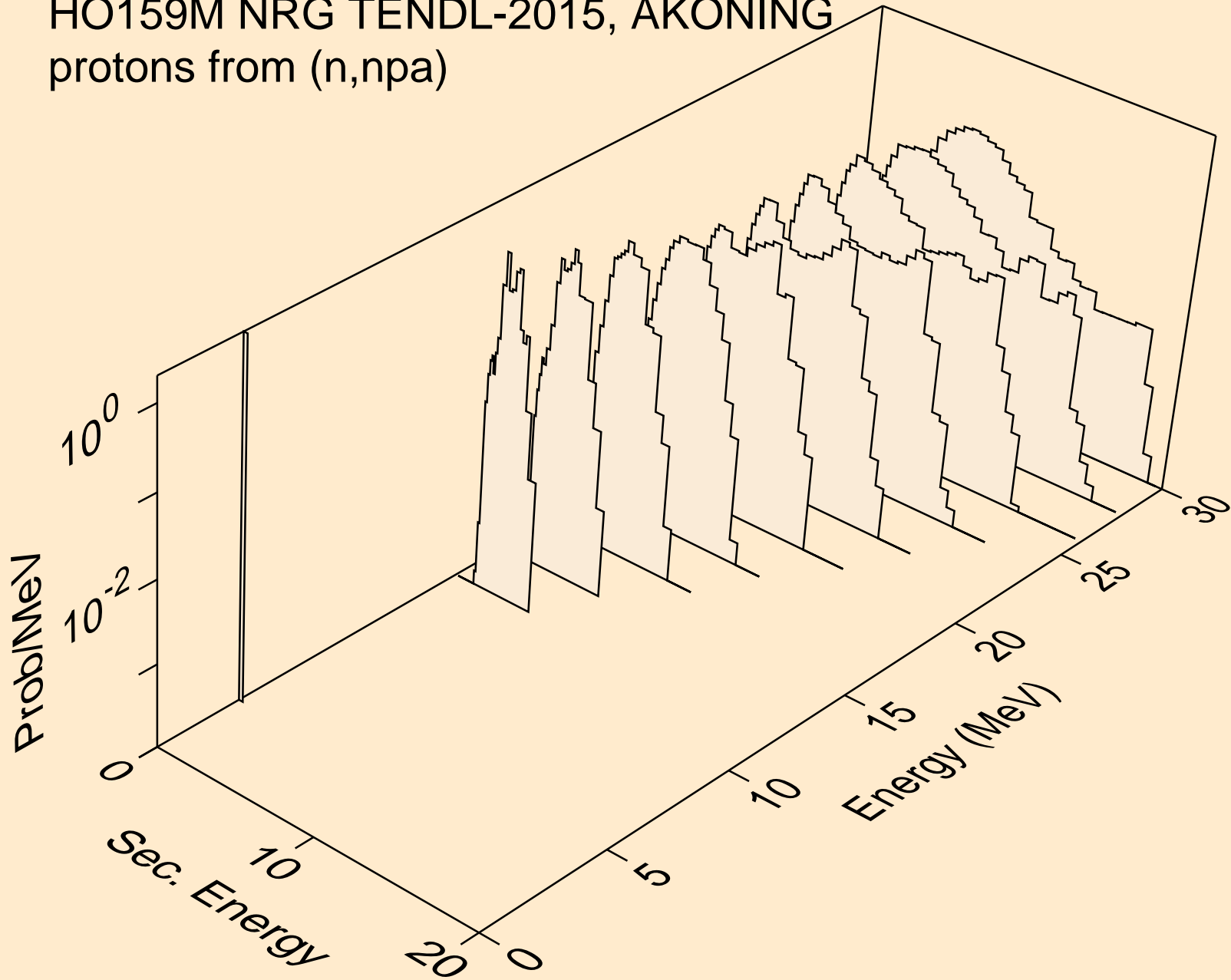




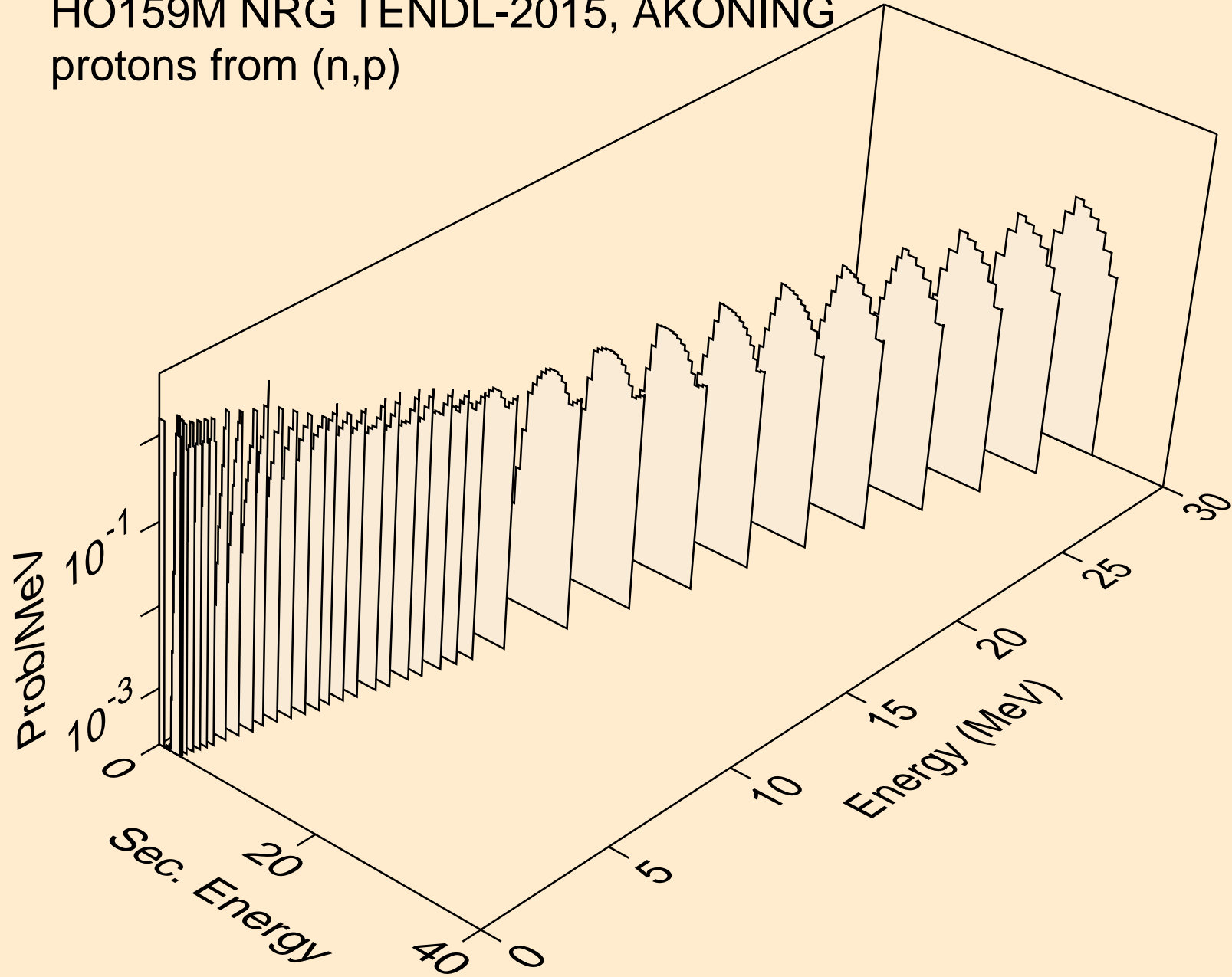
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protons from (n,2np)



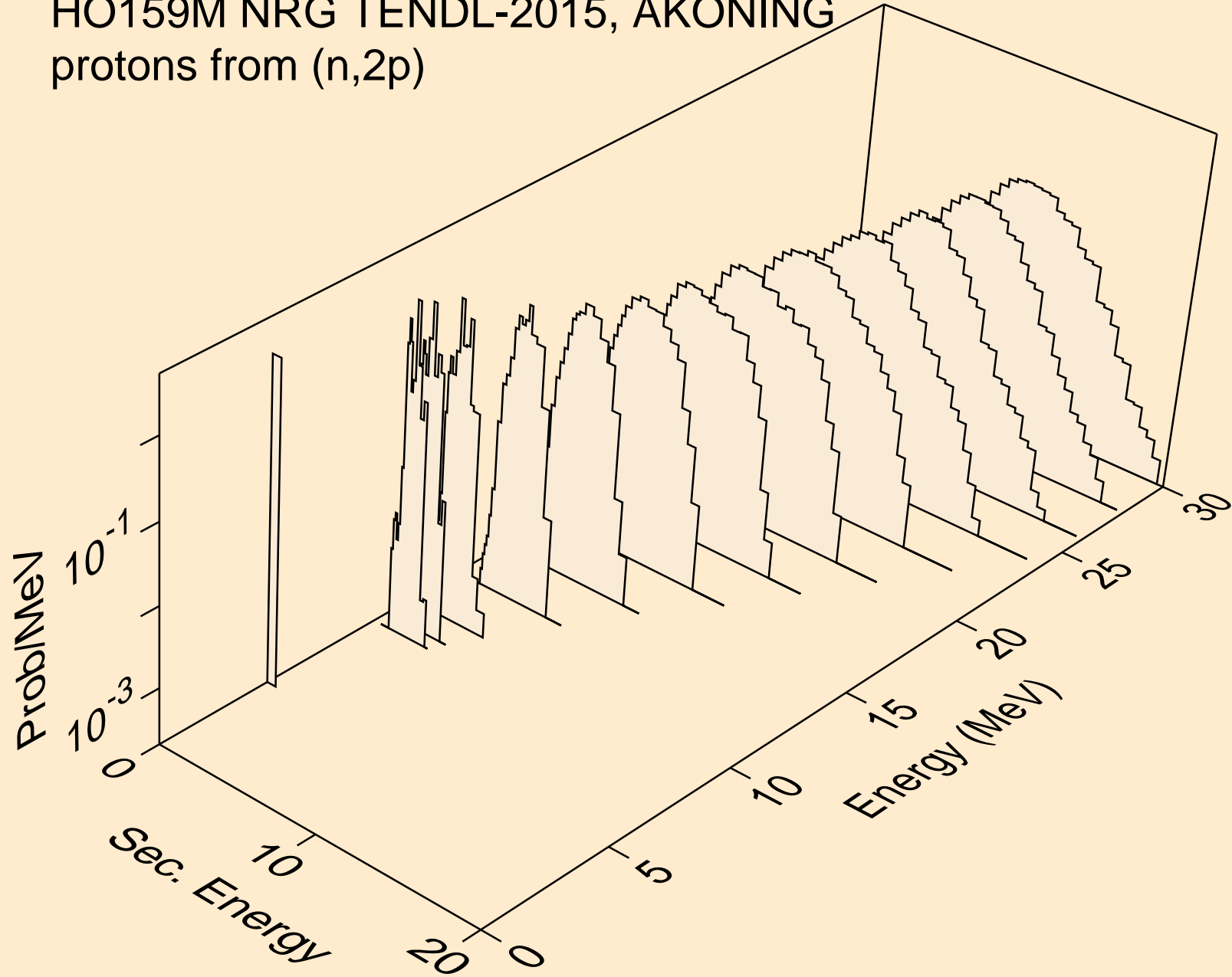
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protons from (n,npa)



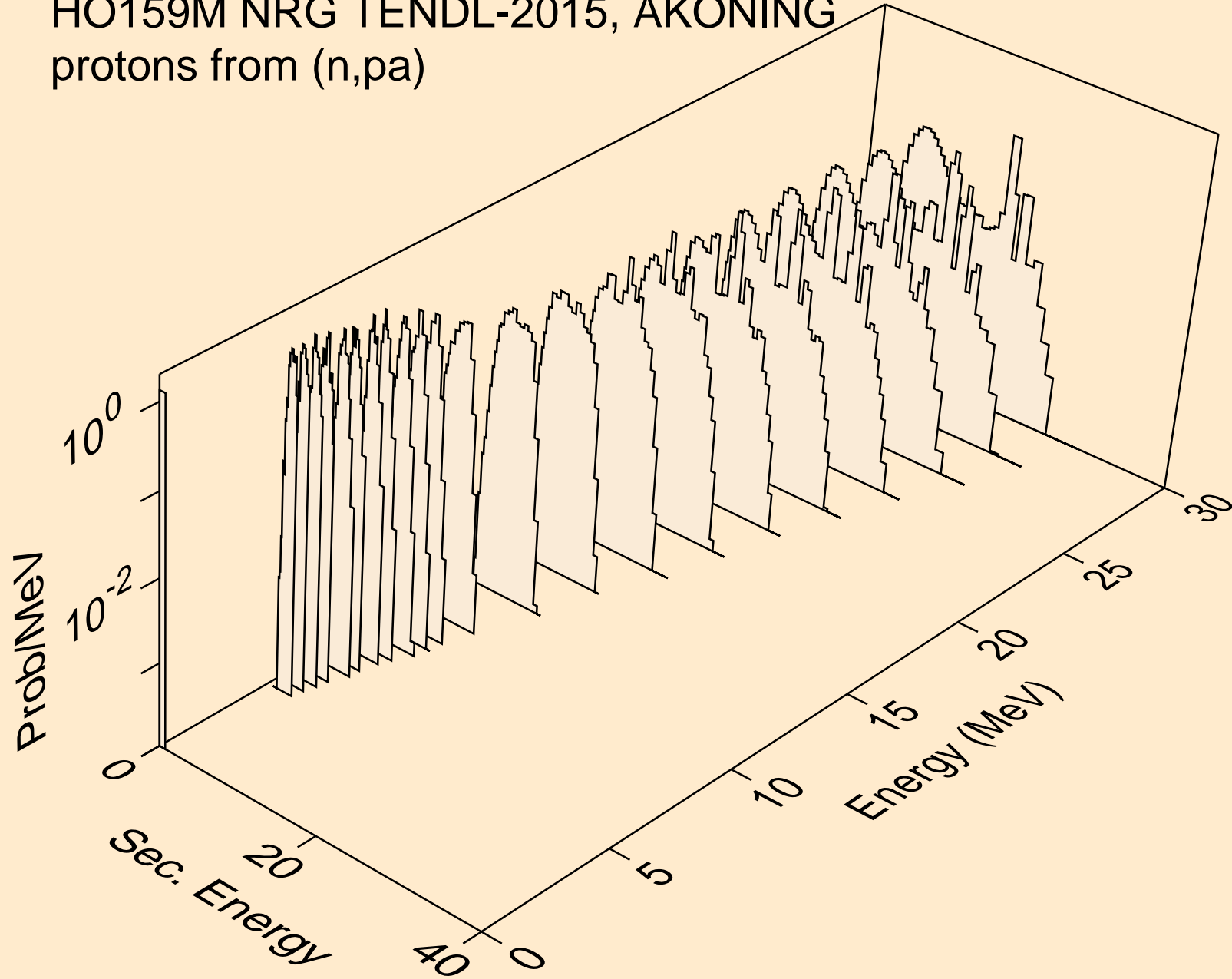
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protons from (n,p)



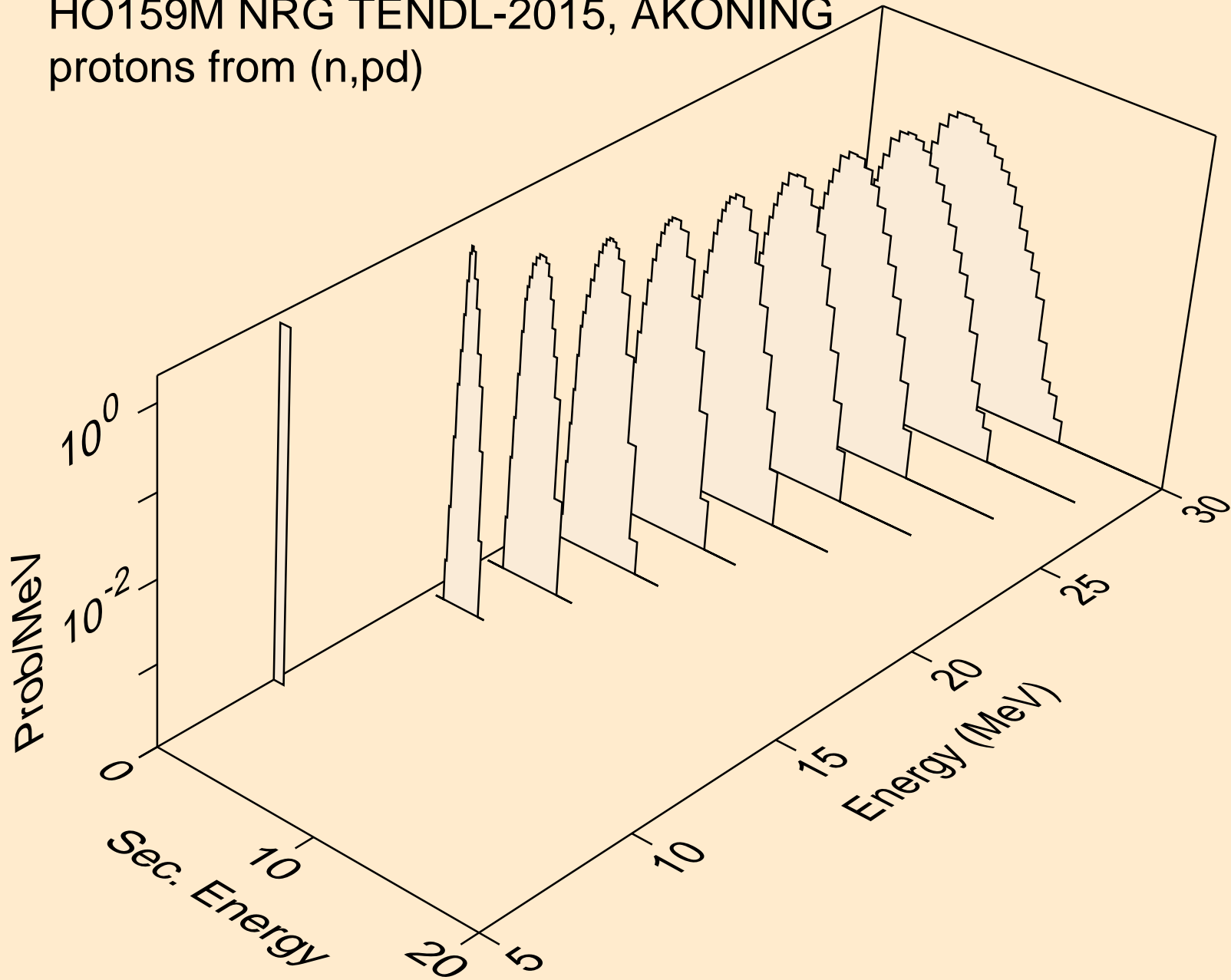
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protons from (n,2p)



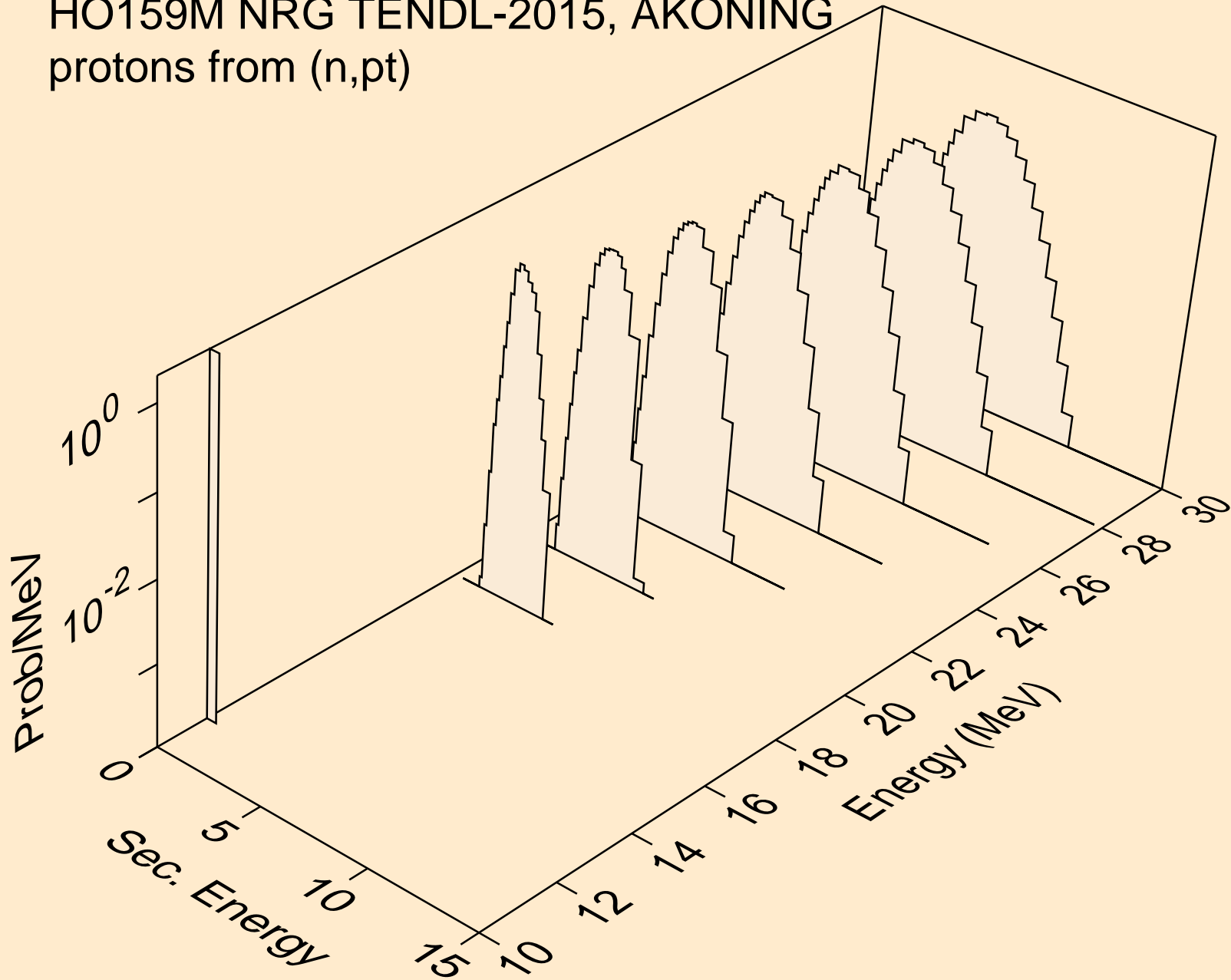
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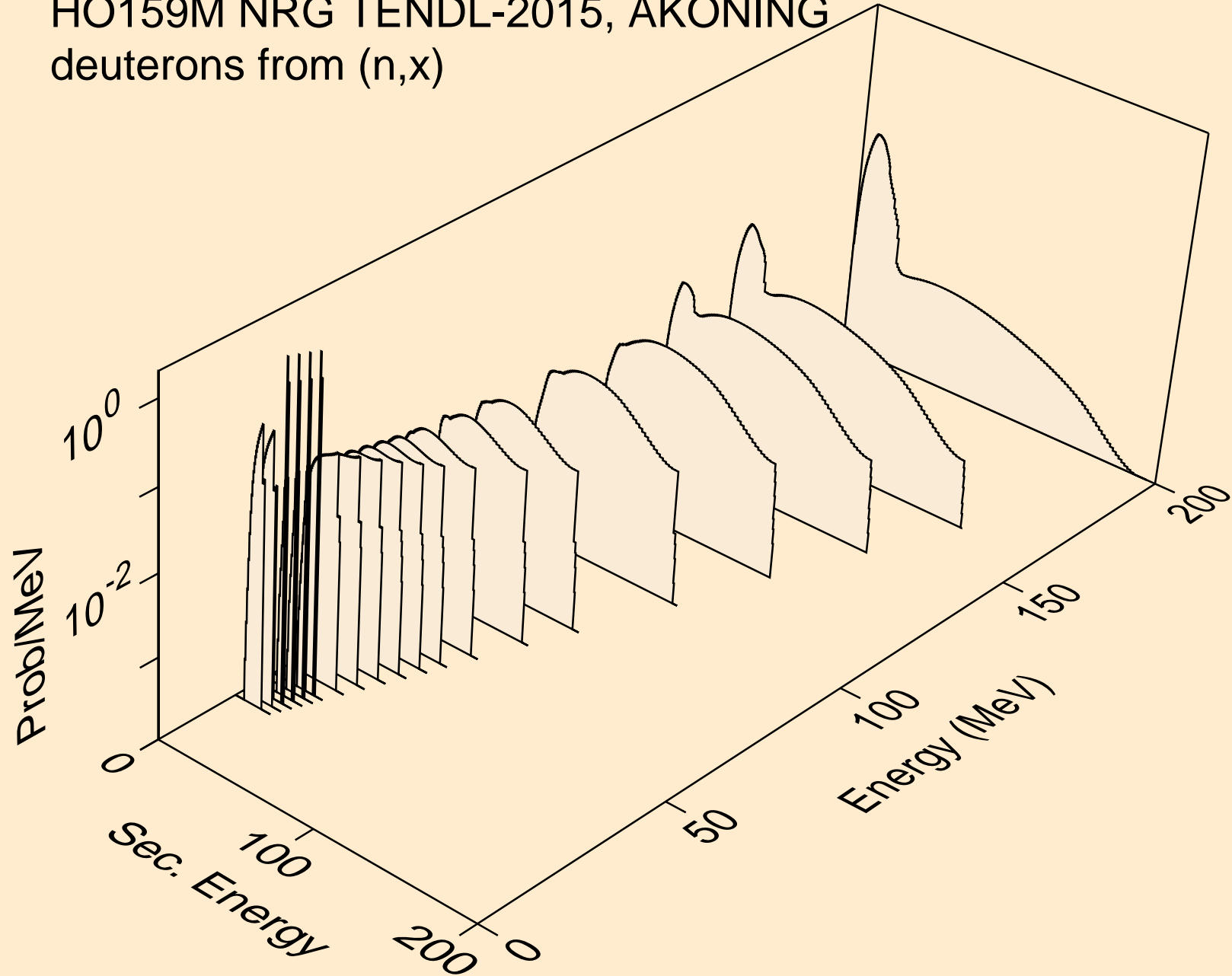
HO159M NRG TENDL-2015, AKONING  
protons from (n,pd)



HO159M NRG TENDL-2015, AKONING  
protons from (n,pt)

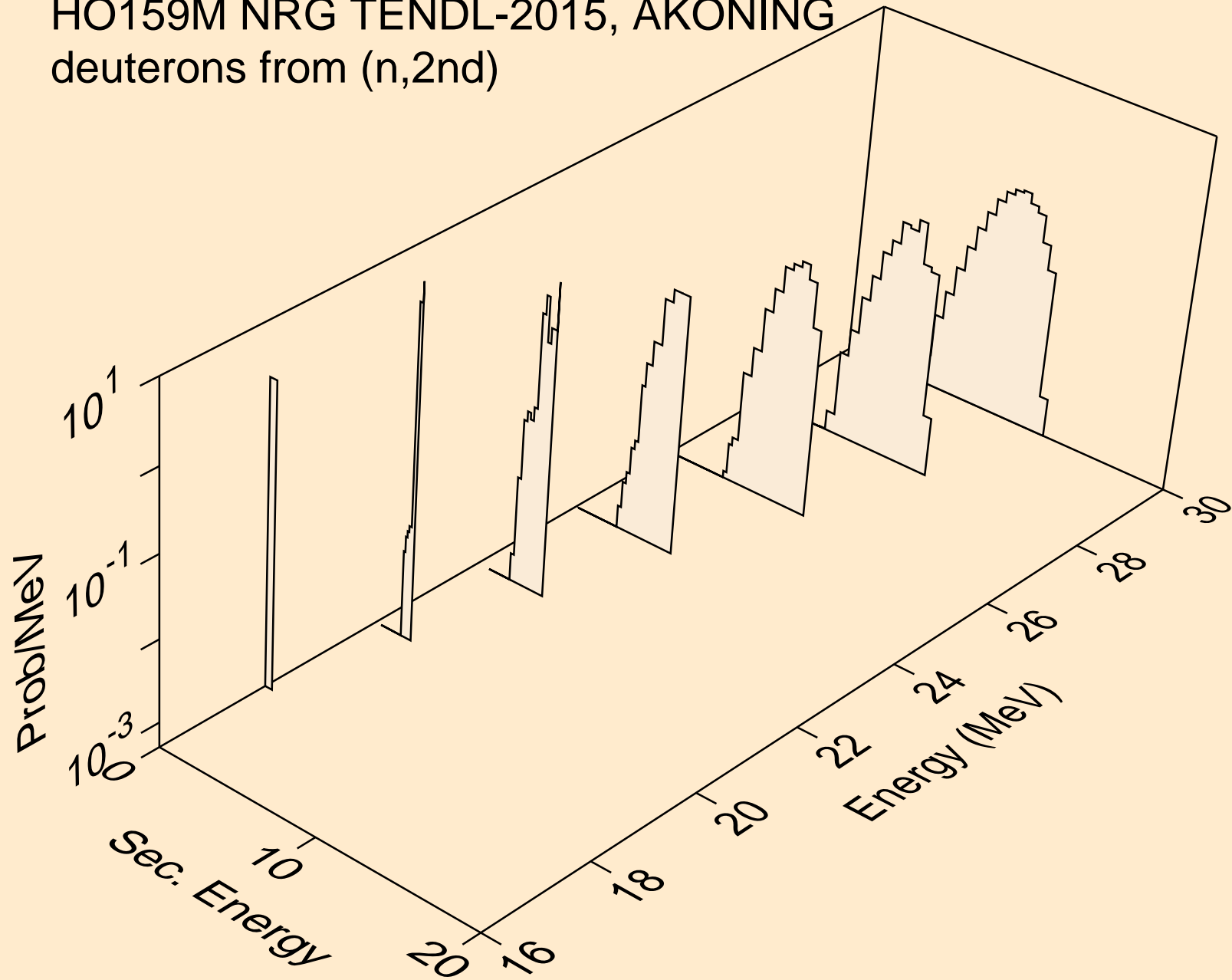


HO159M NRG TENDL-2015, AKONING  
deuterons from (n,x)

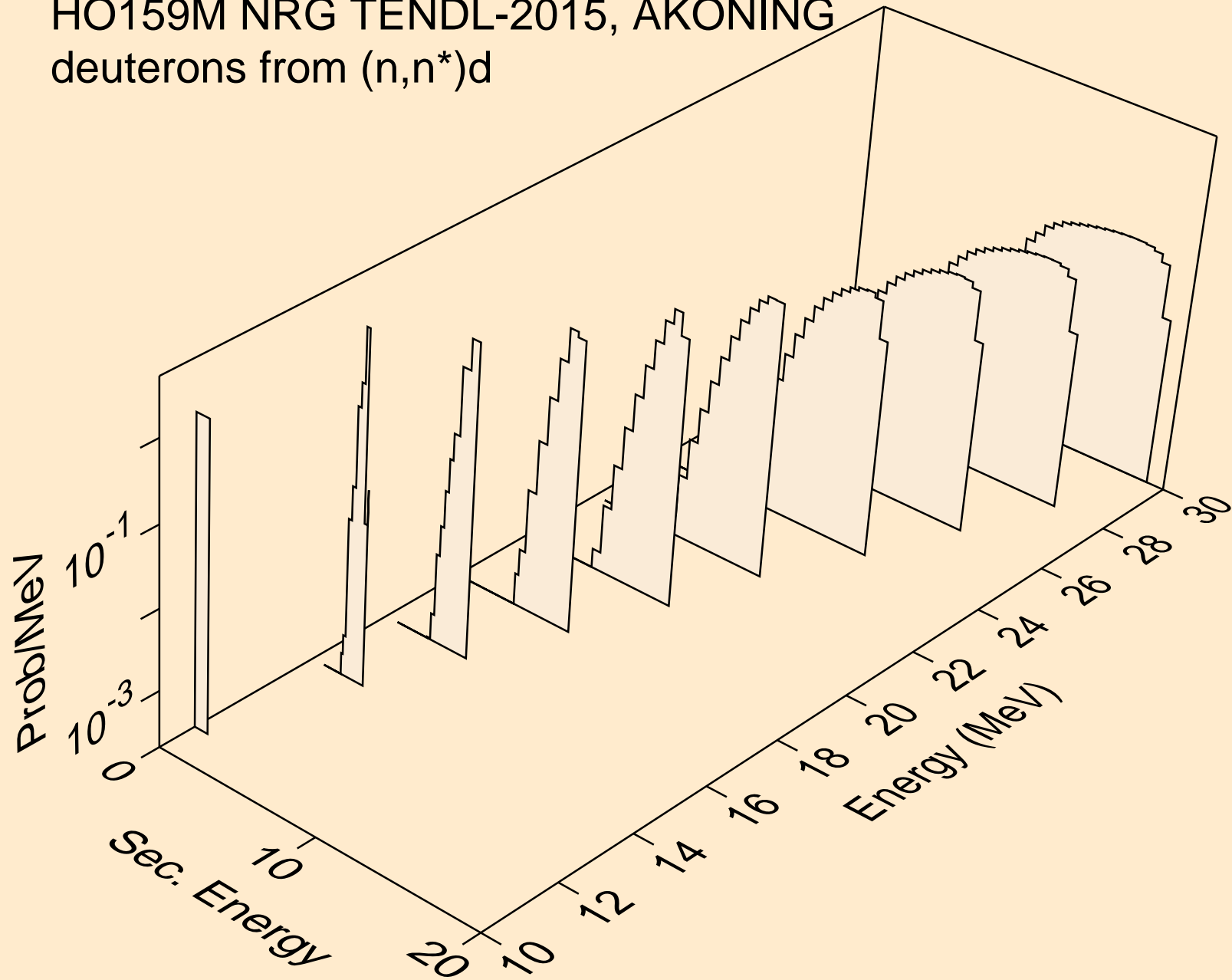




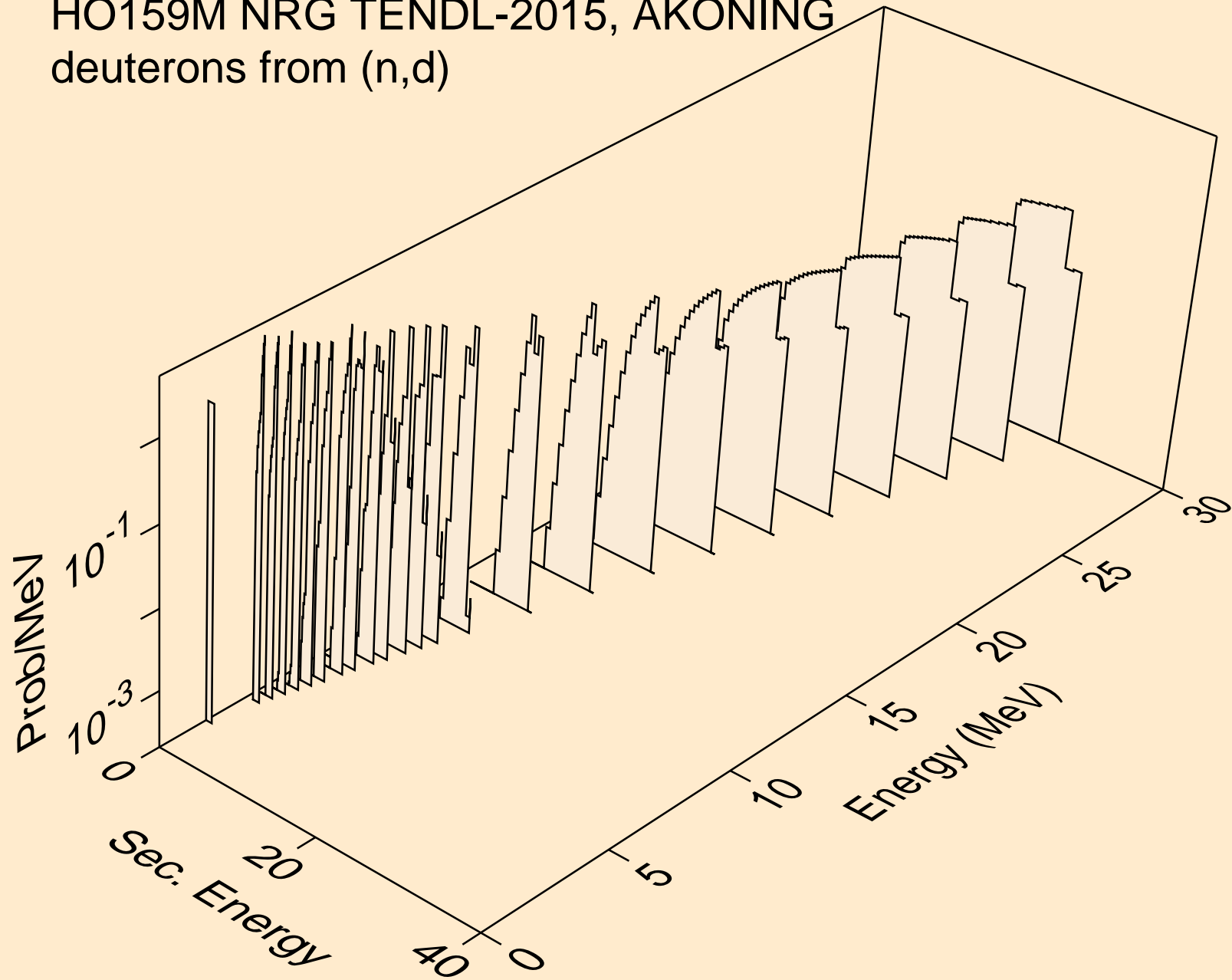
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deuterons from (n,2nd)



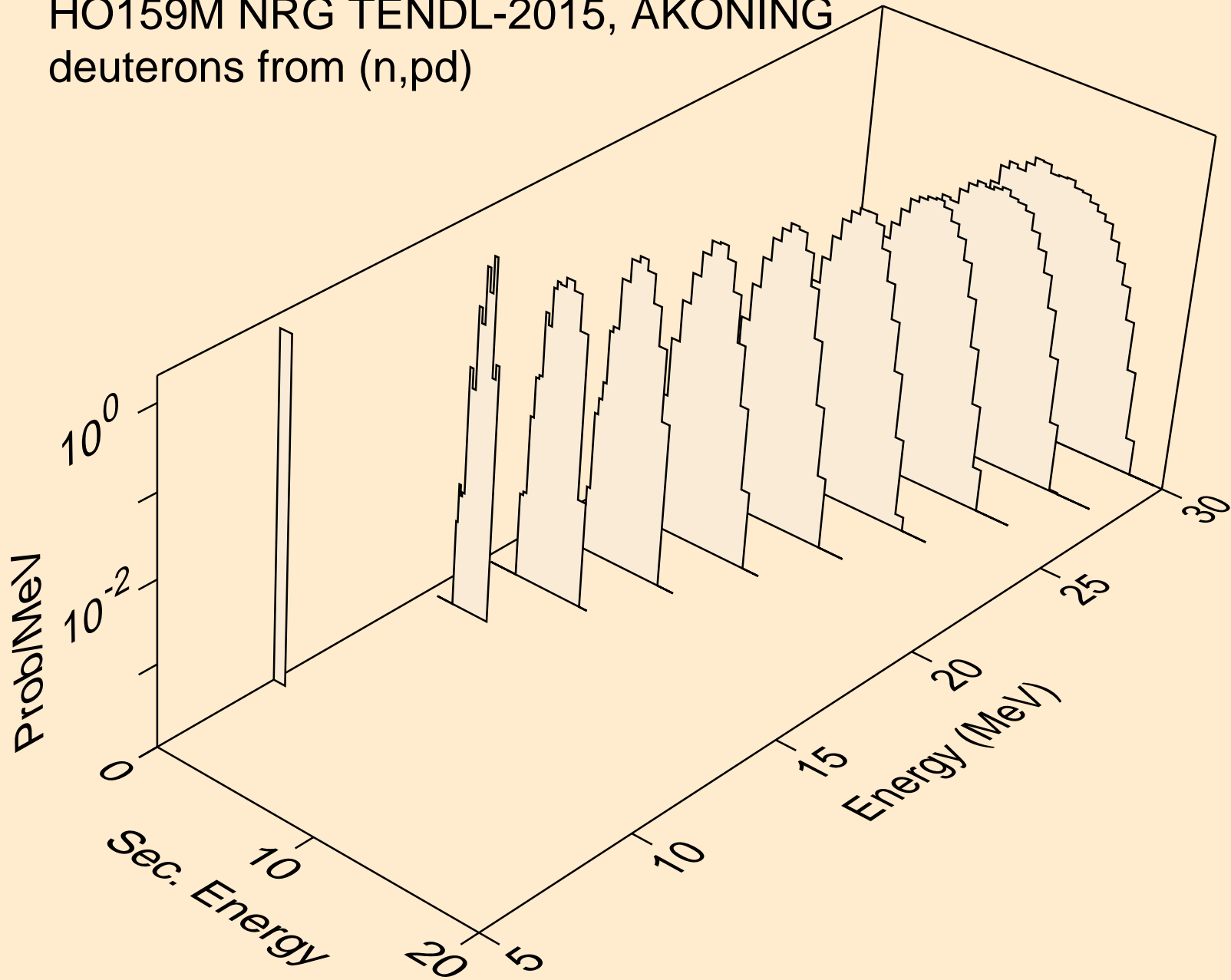
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deuterons from (n,n\*)d



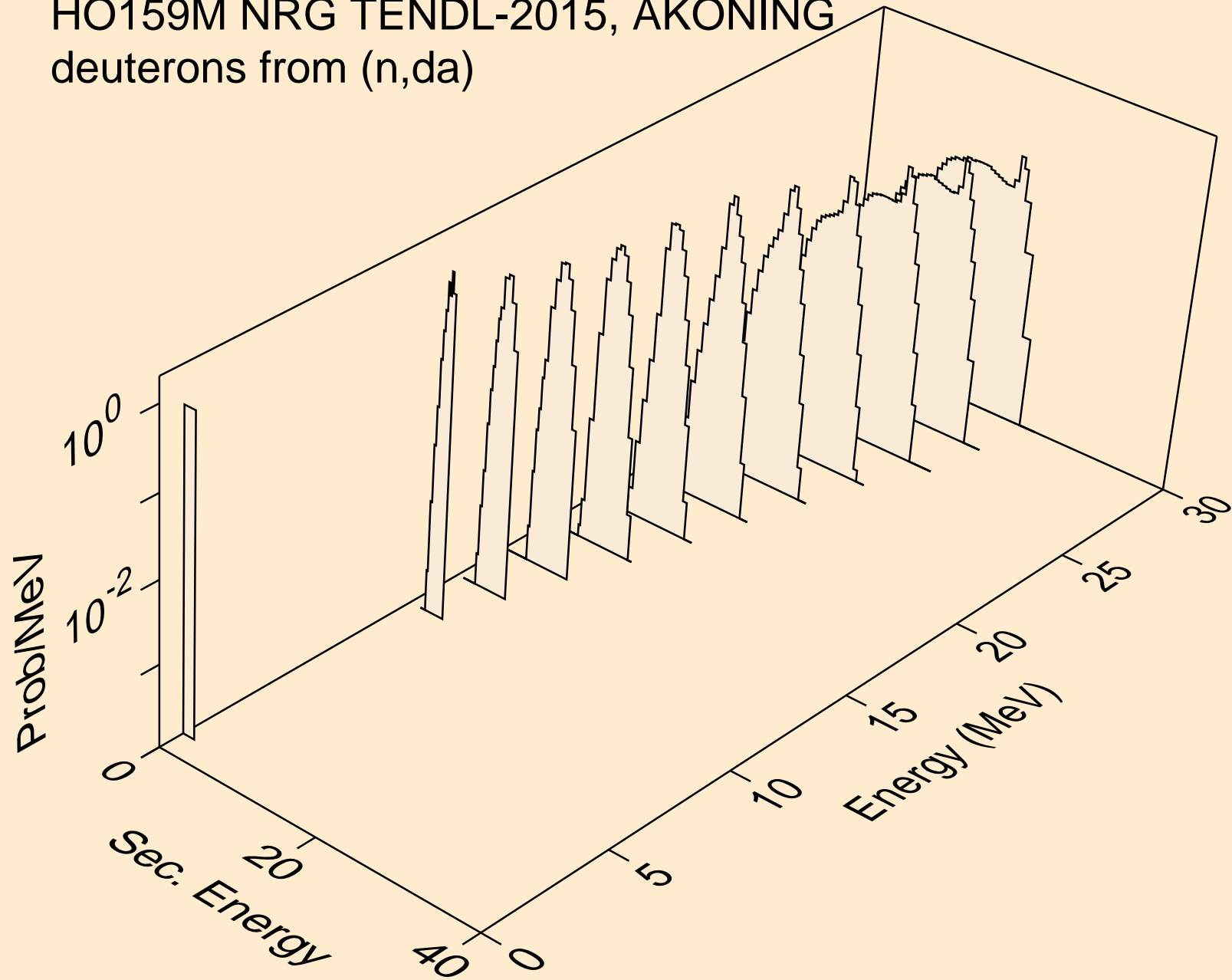
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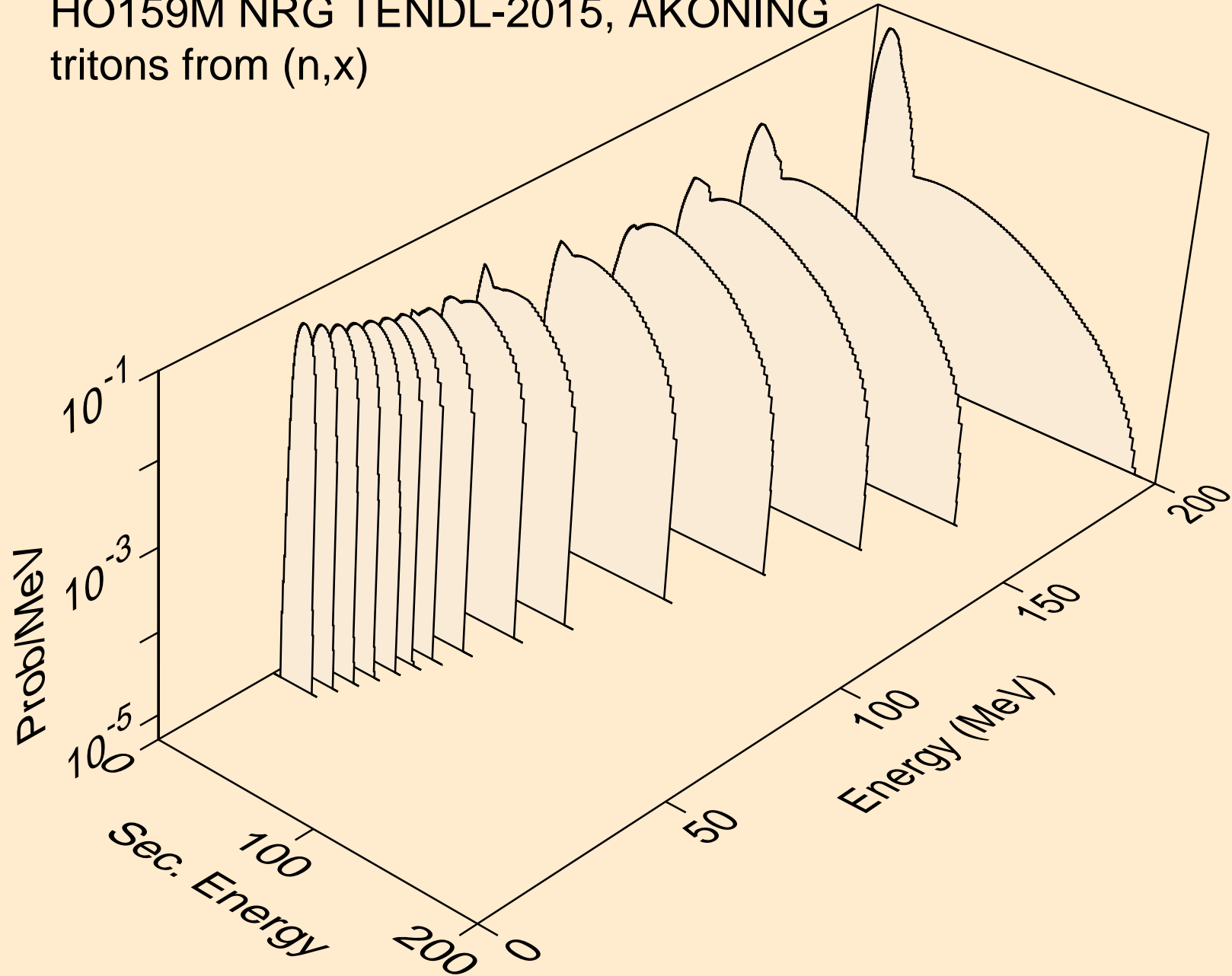
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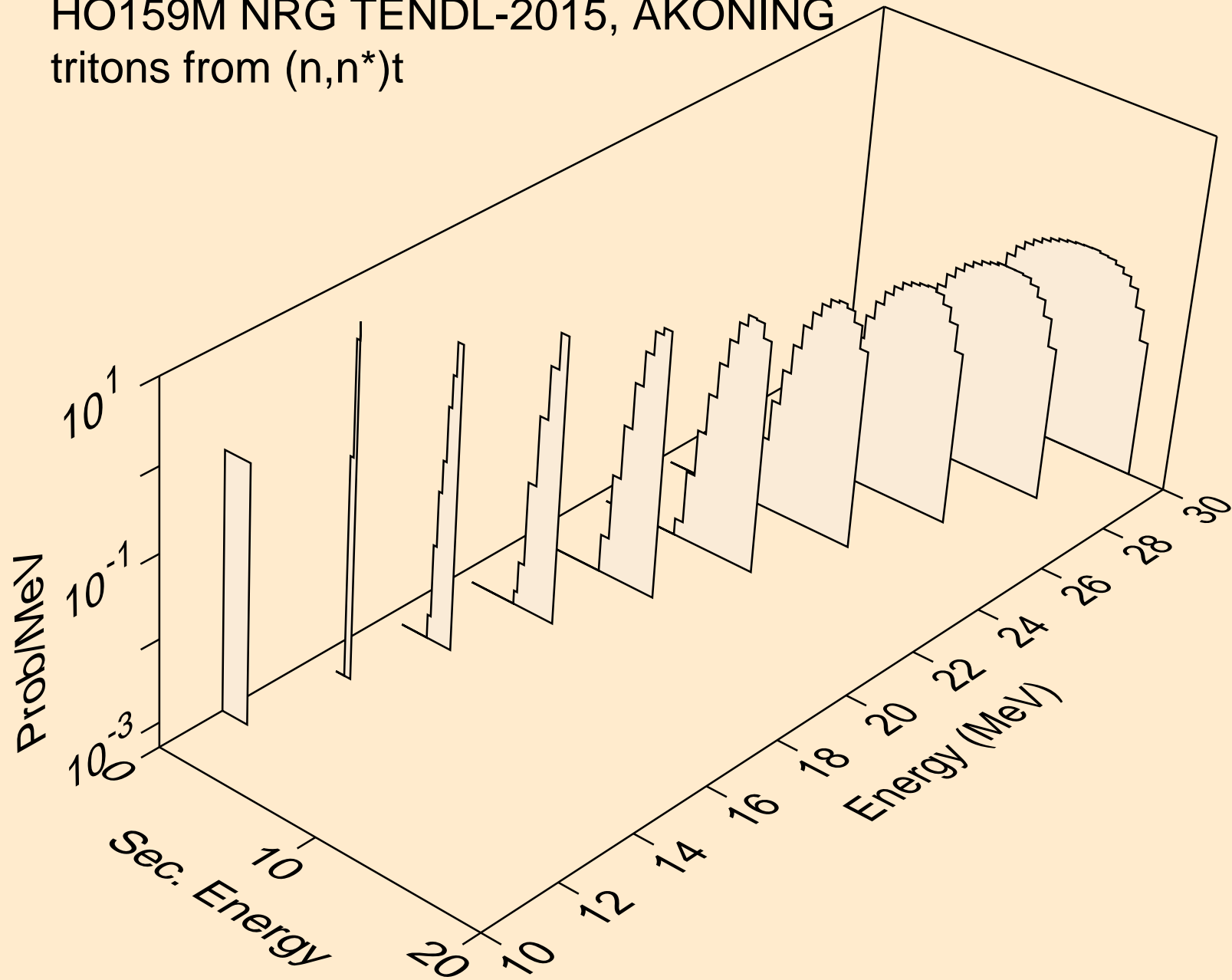
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deuterons from (n,da)



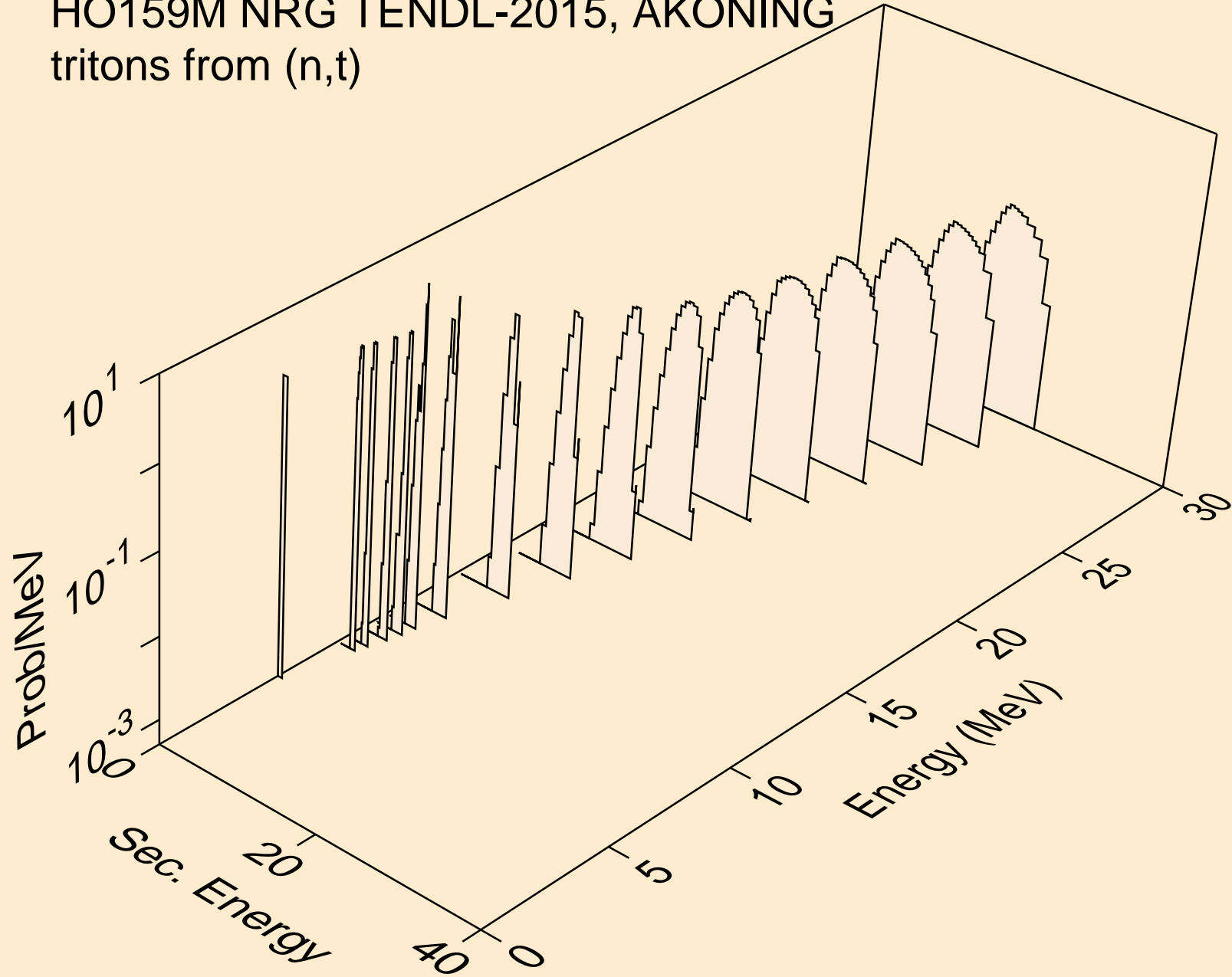
HO159M NRG TENDL-2015, AKONING  
tritons from (n,x)



HO159M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

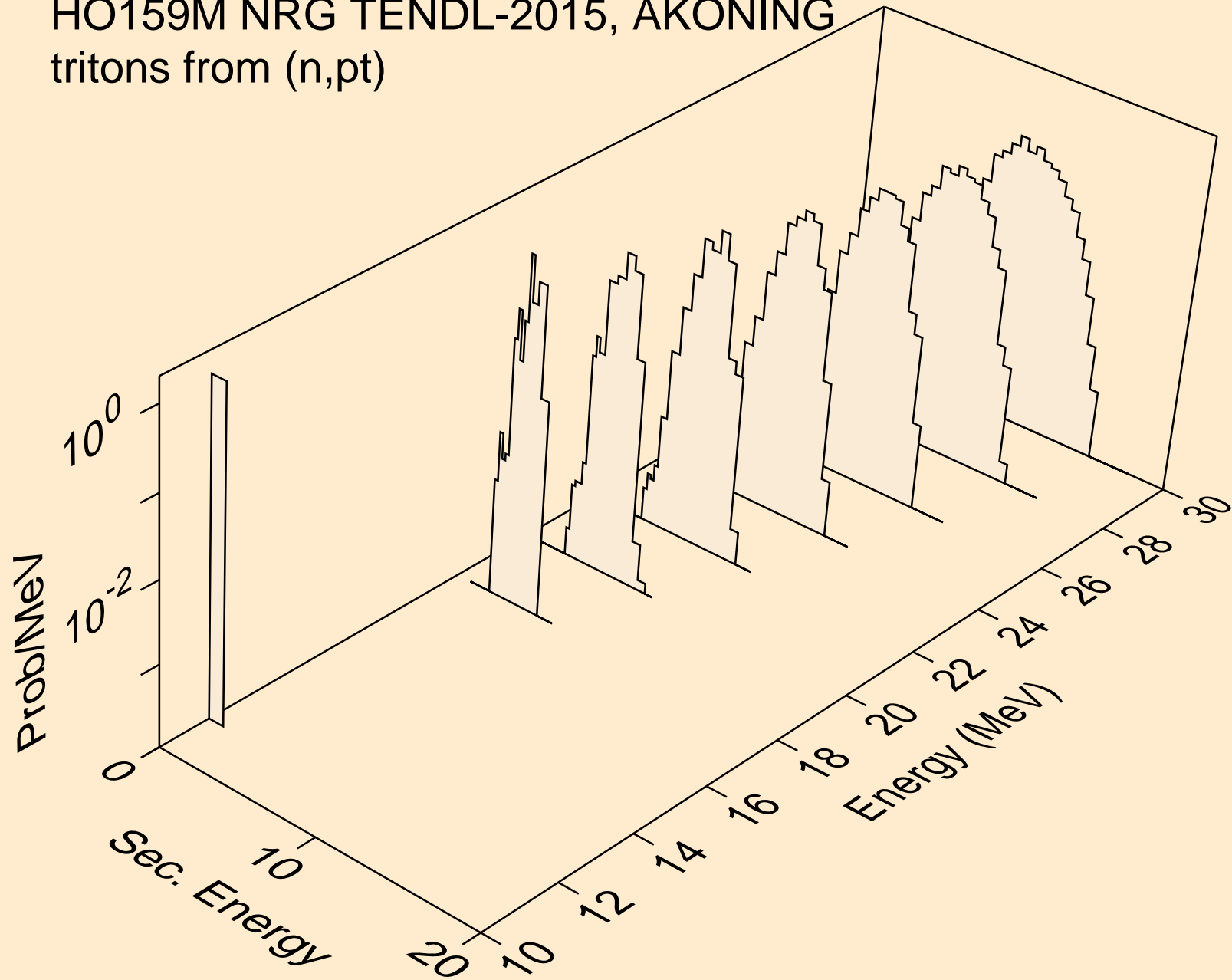


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tritons from (n,t)

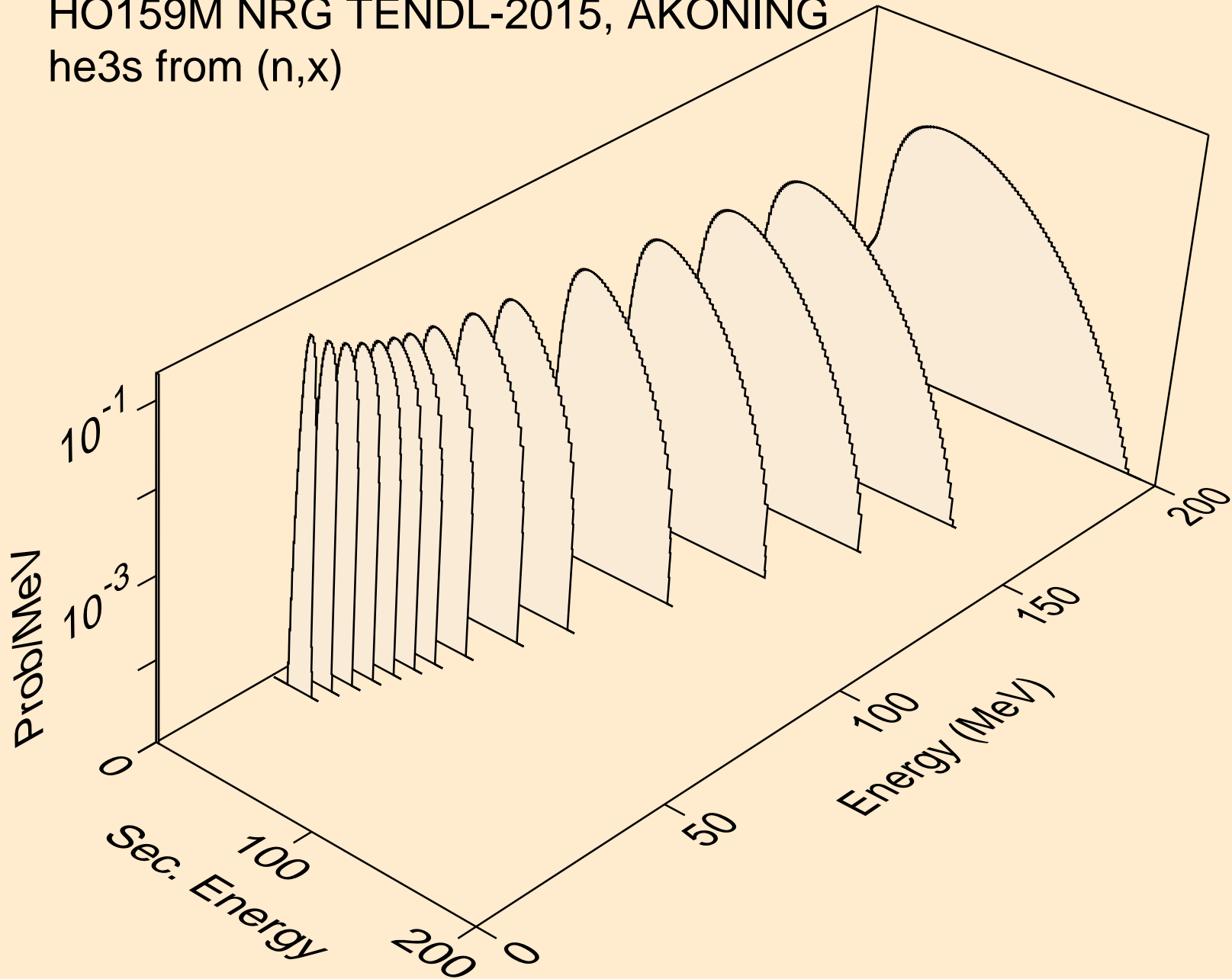




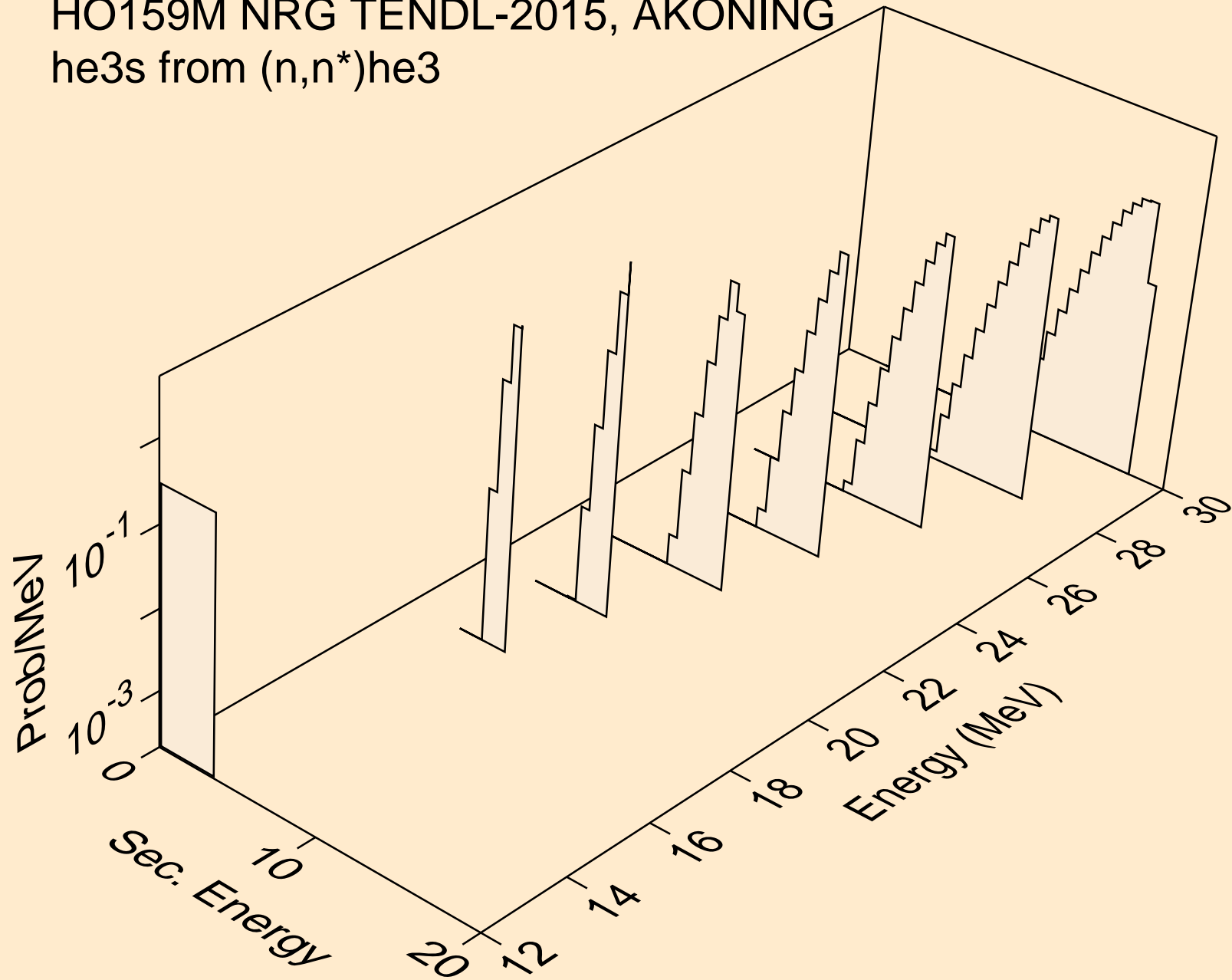
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tritons from (n,pt)



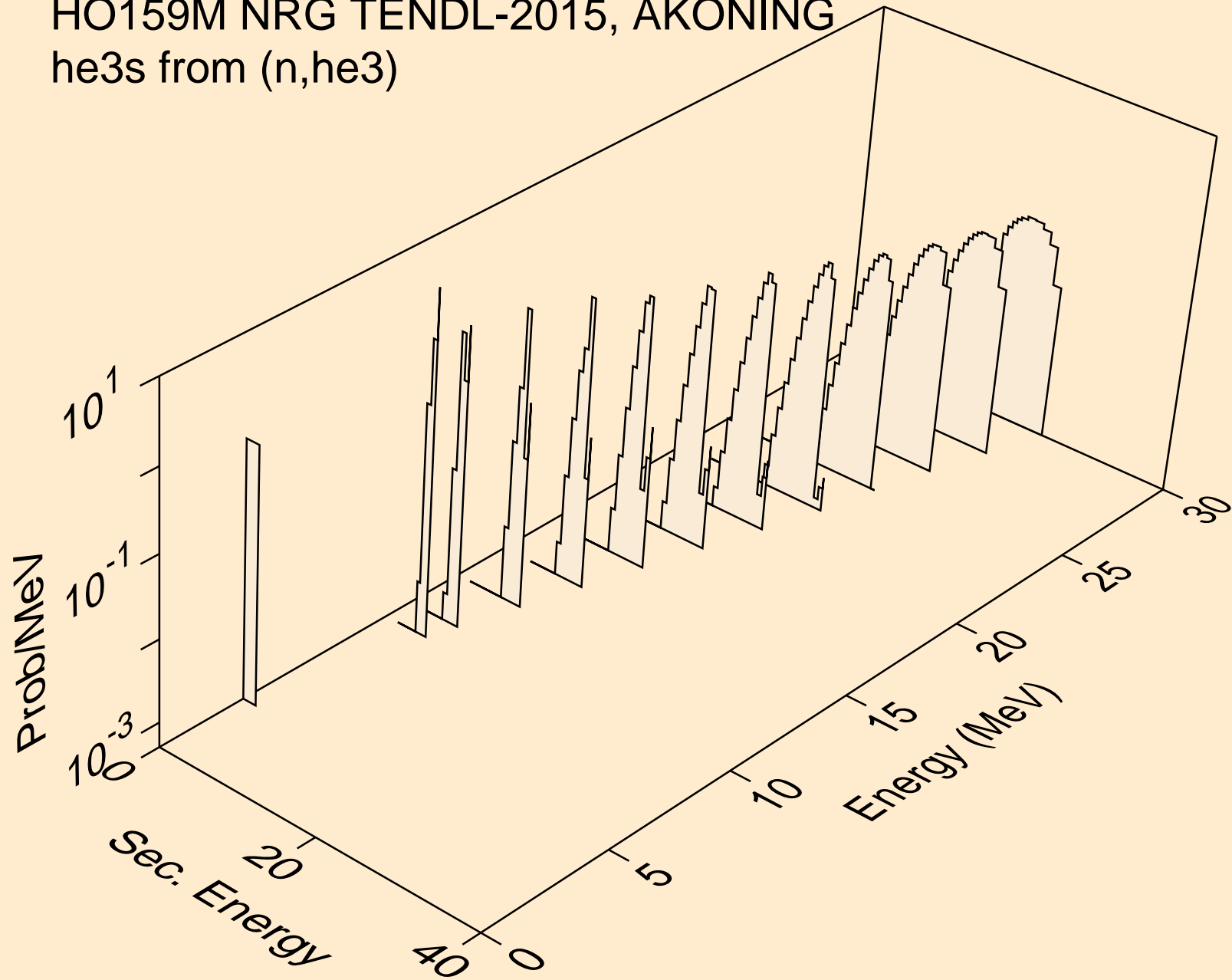
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he3s from (n,x)



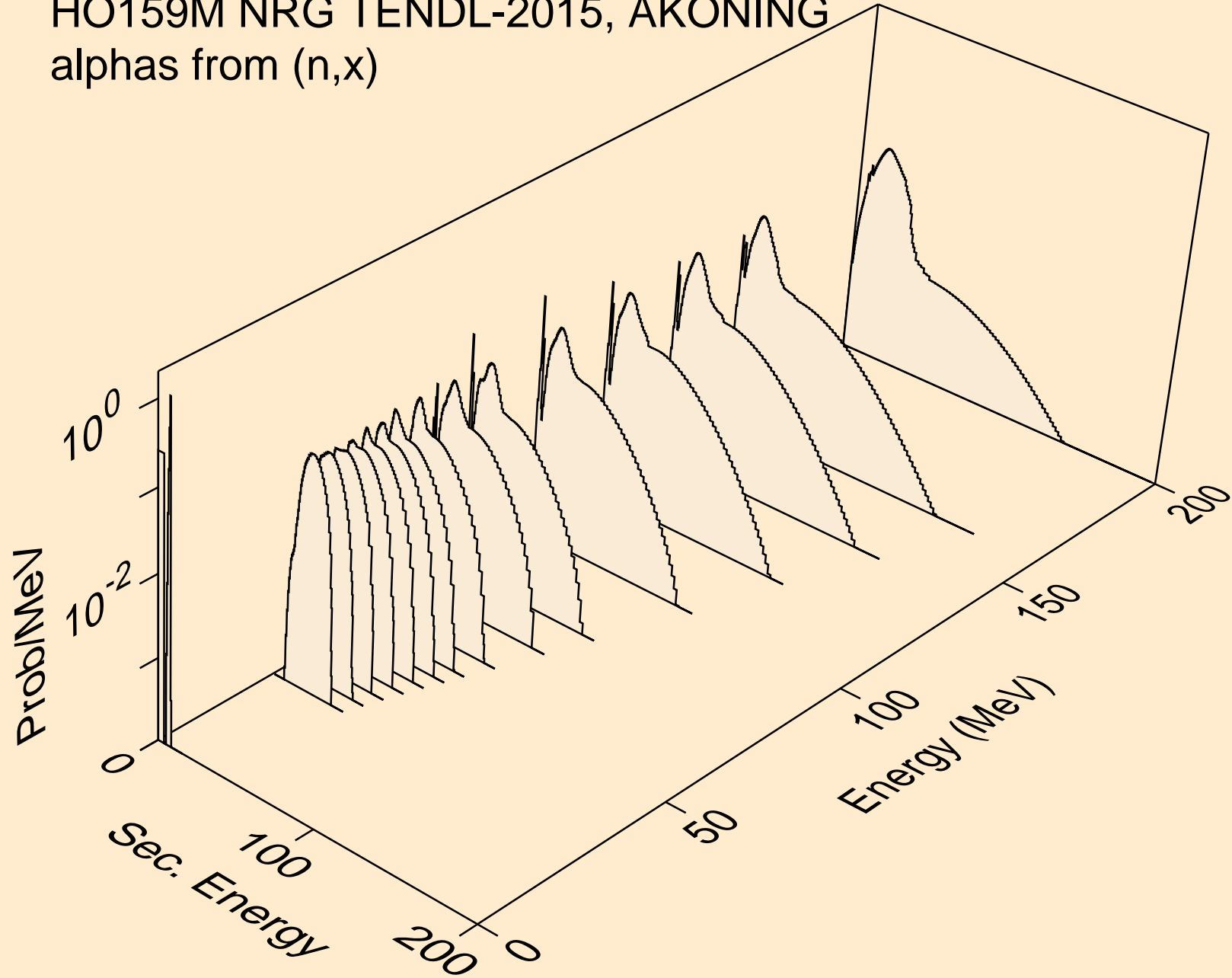
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he3s from (n,n\*)he3



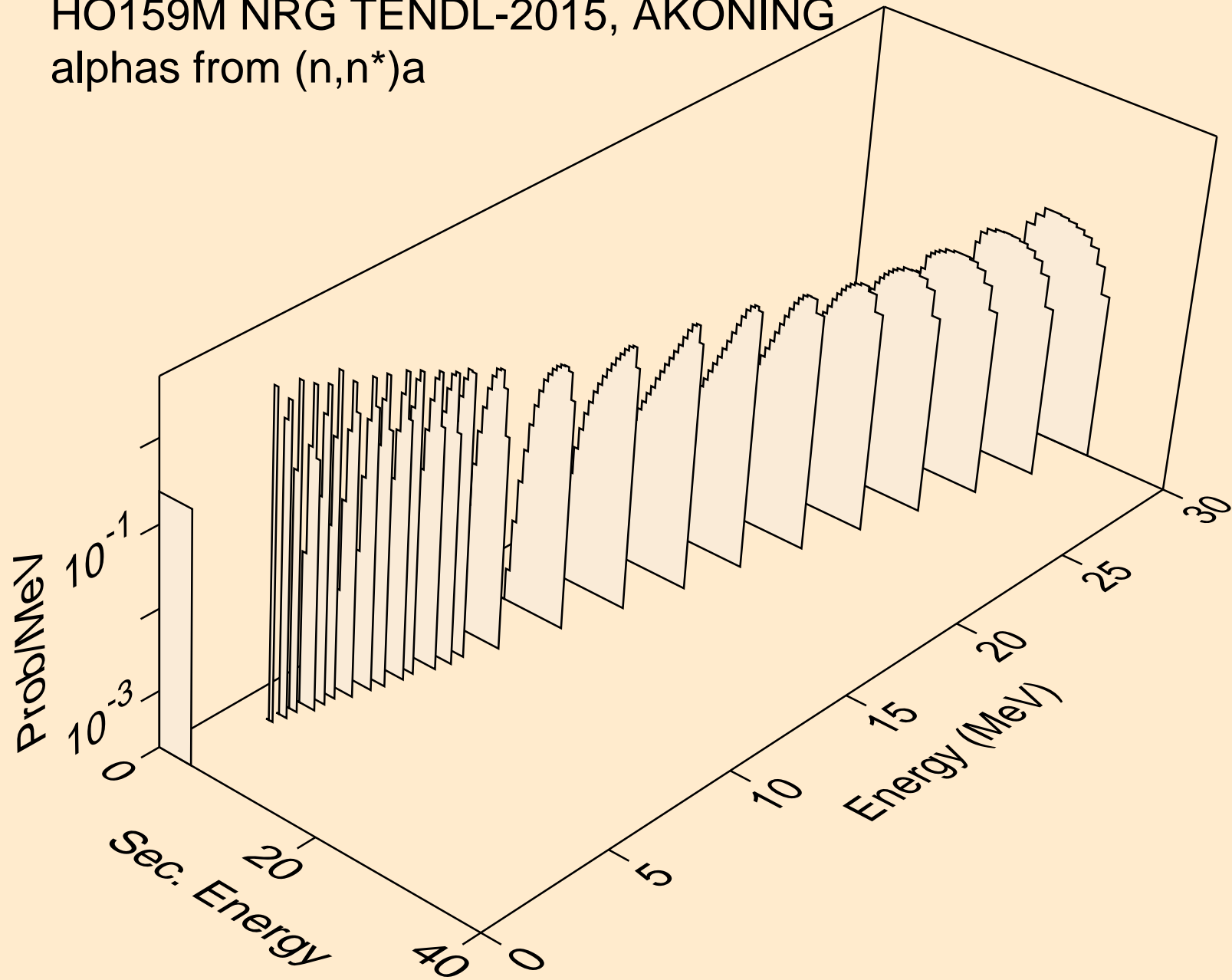
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he3s from (n,he3)



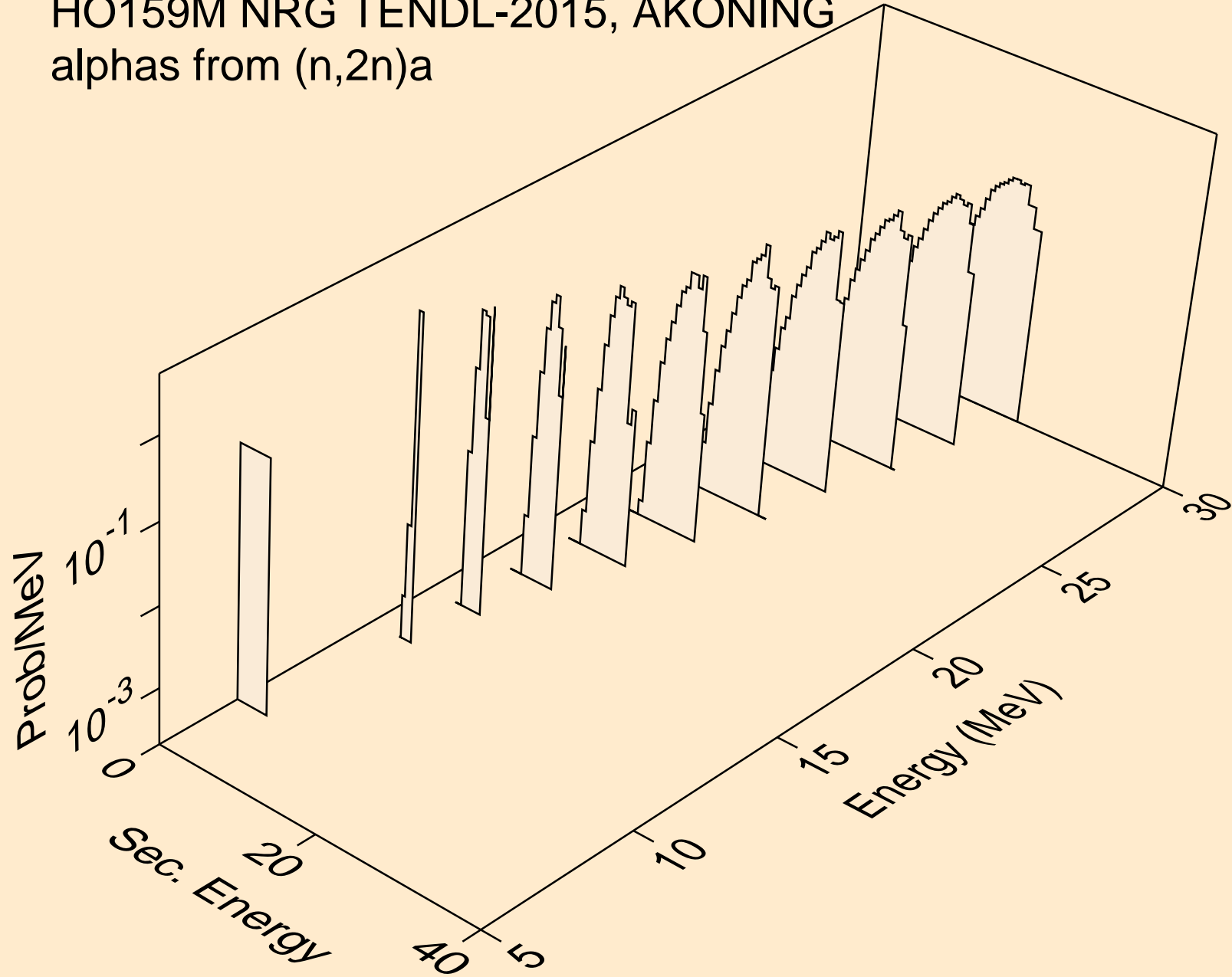
HO159M NRG TENDL-2015, AKONING  
alphas from (n,x)



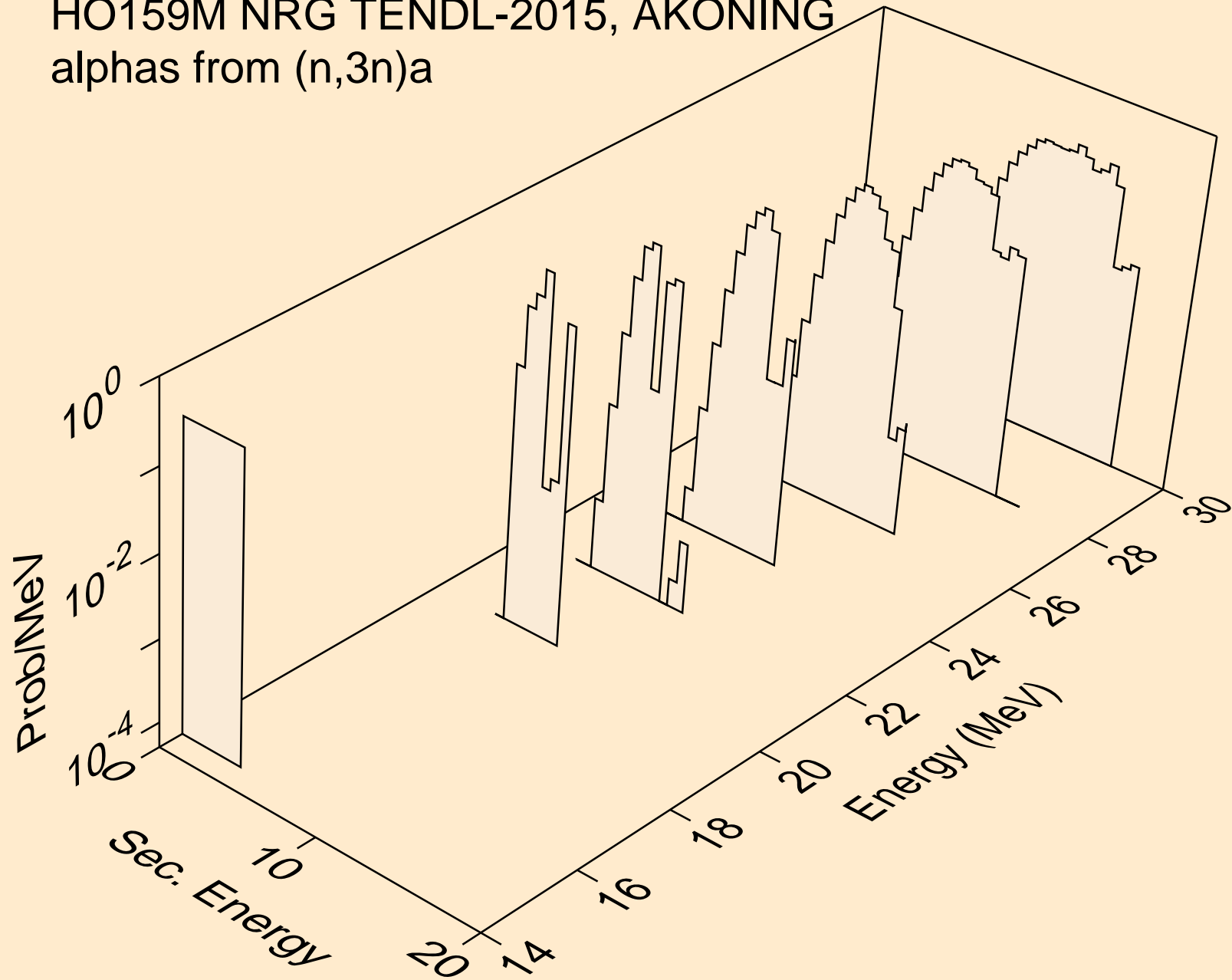
HO159M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



HO159M NRG TENDL-2015, AKONING  
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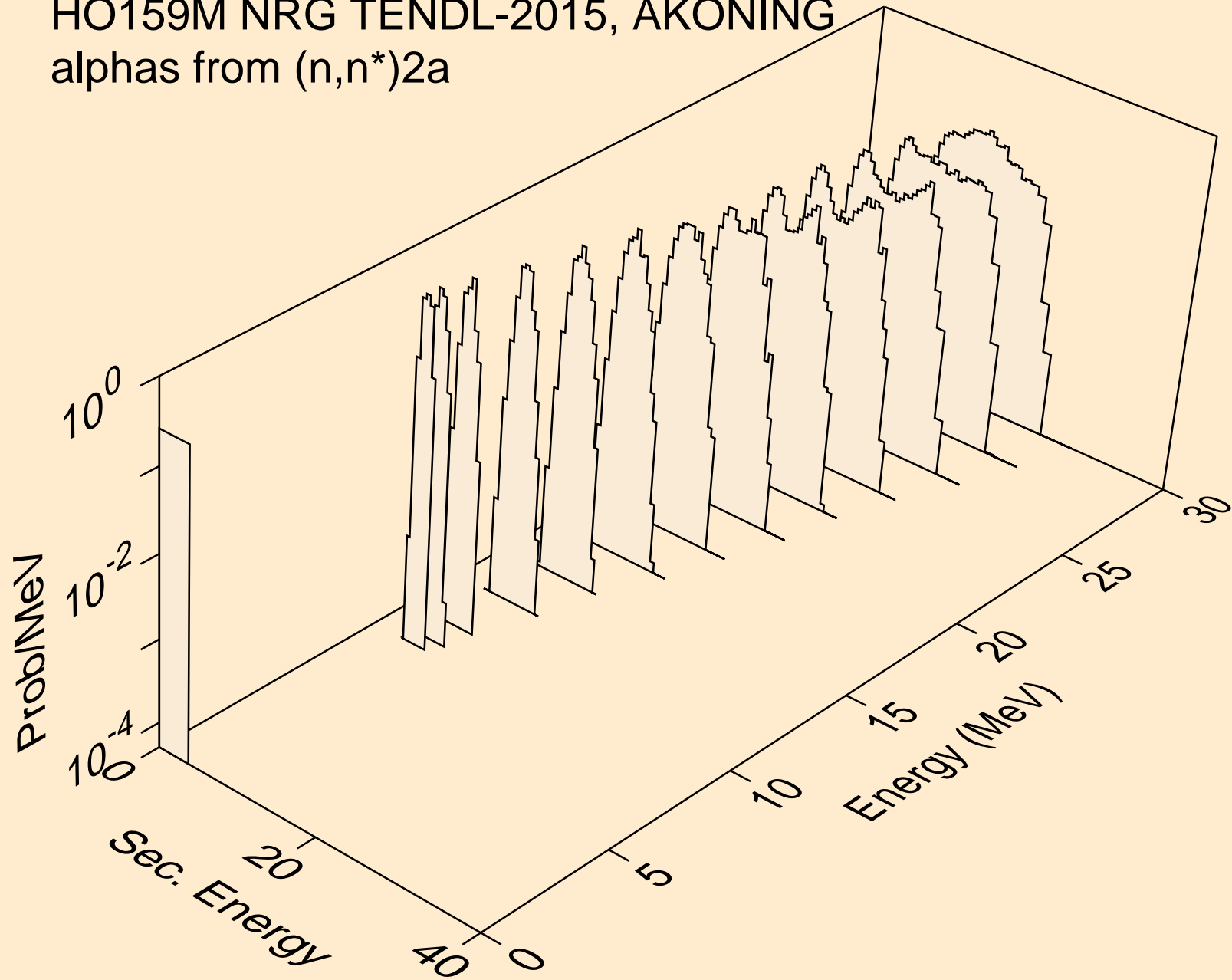


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alphas from (n,3n)a

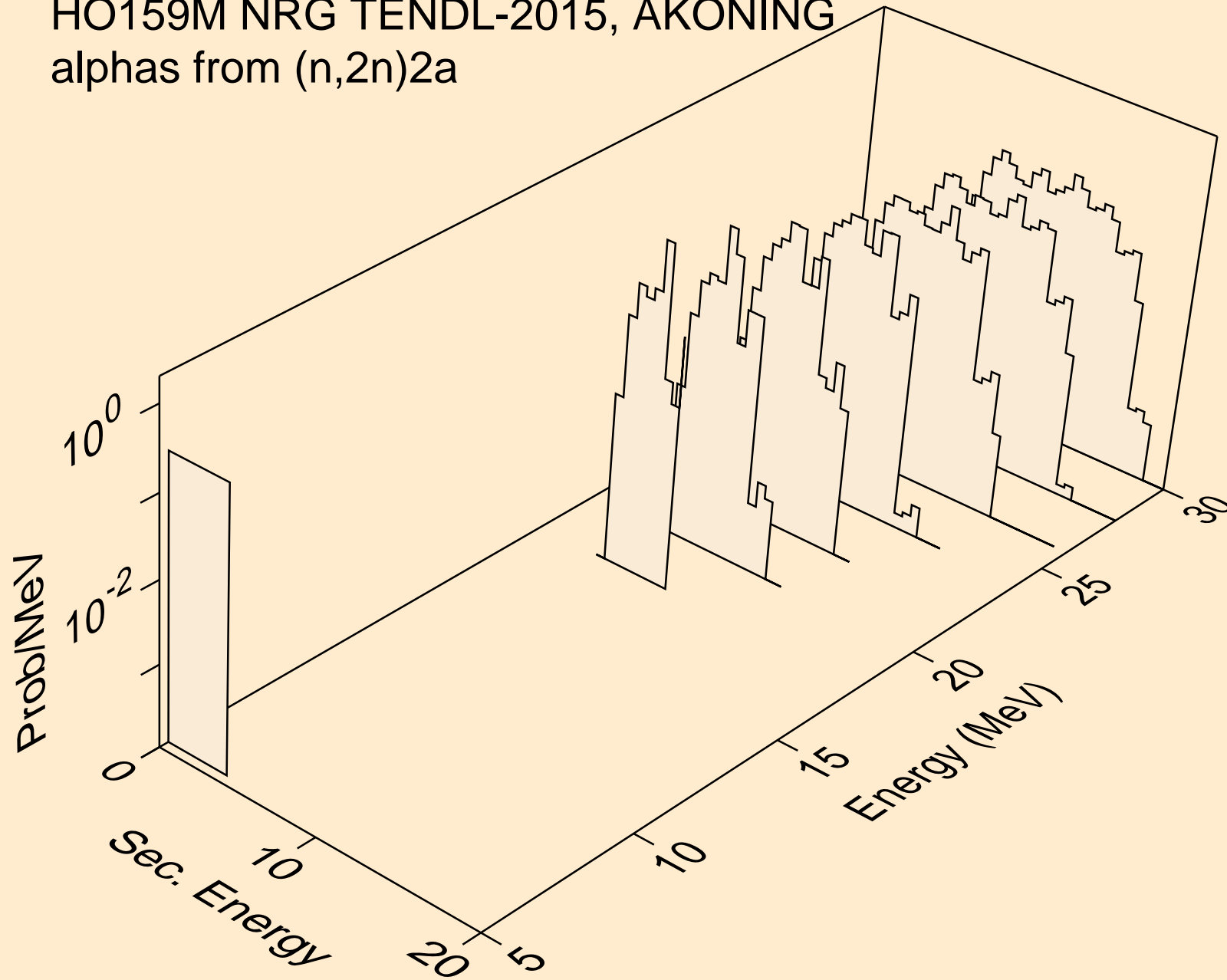




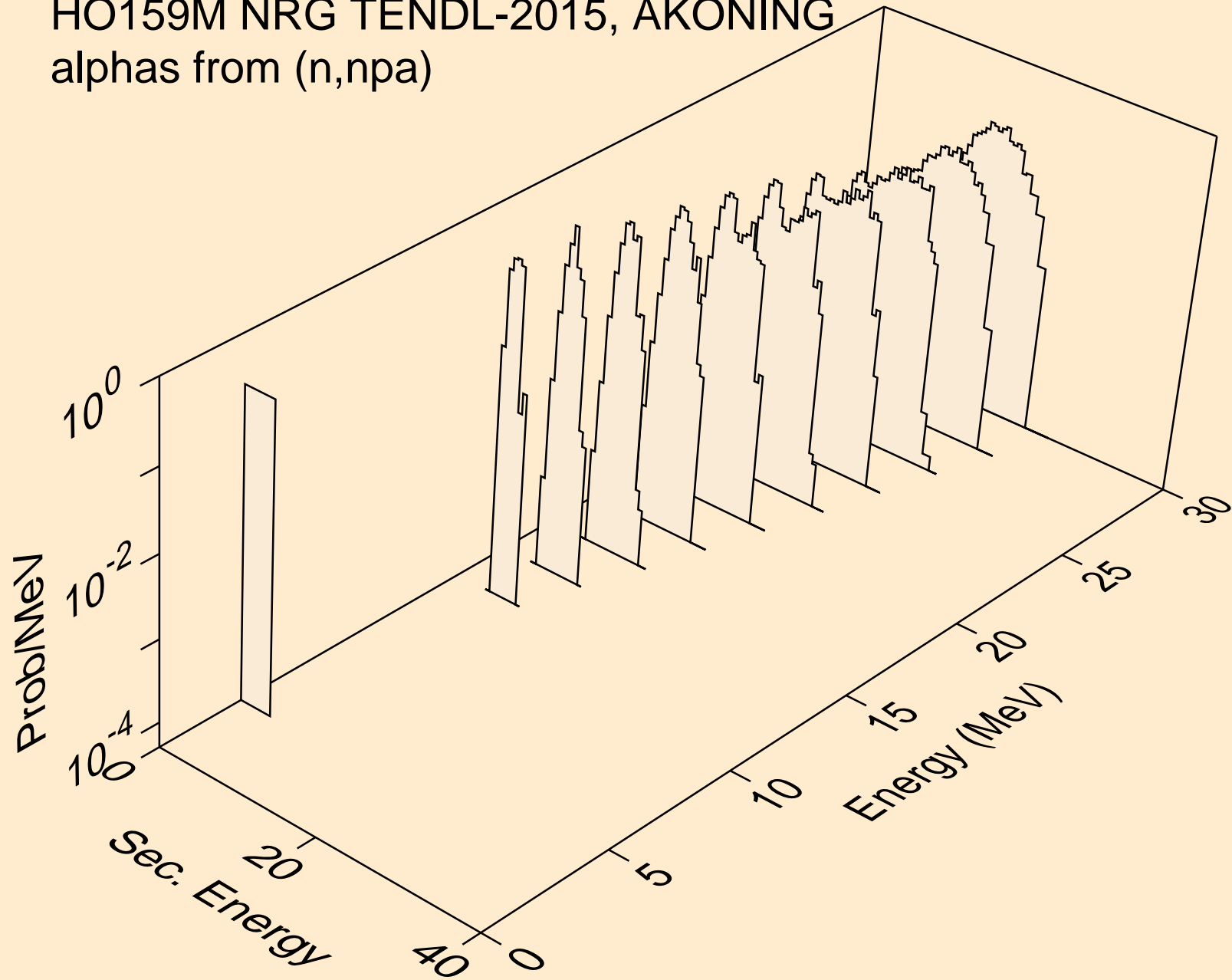
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alphas from (n,n\*)2a



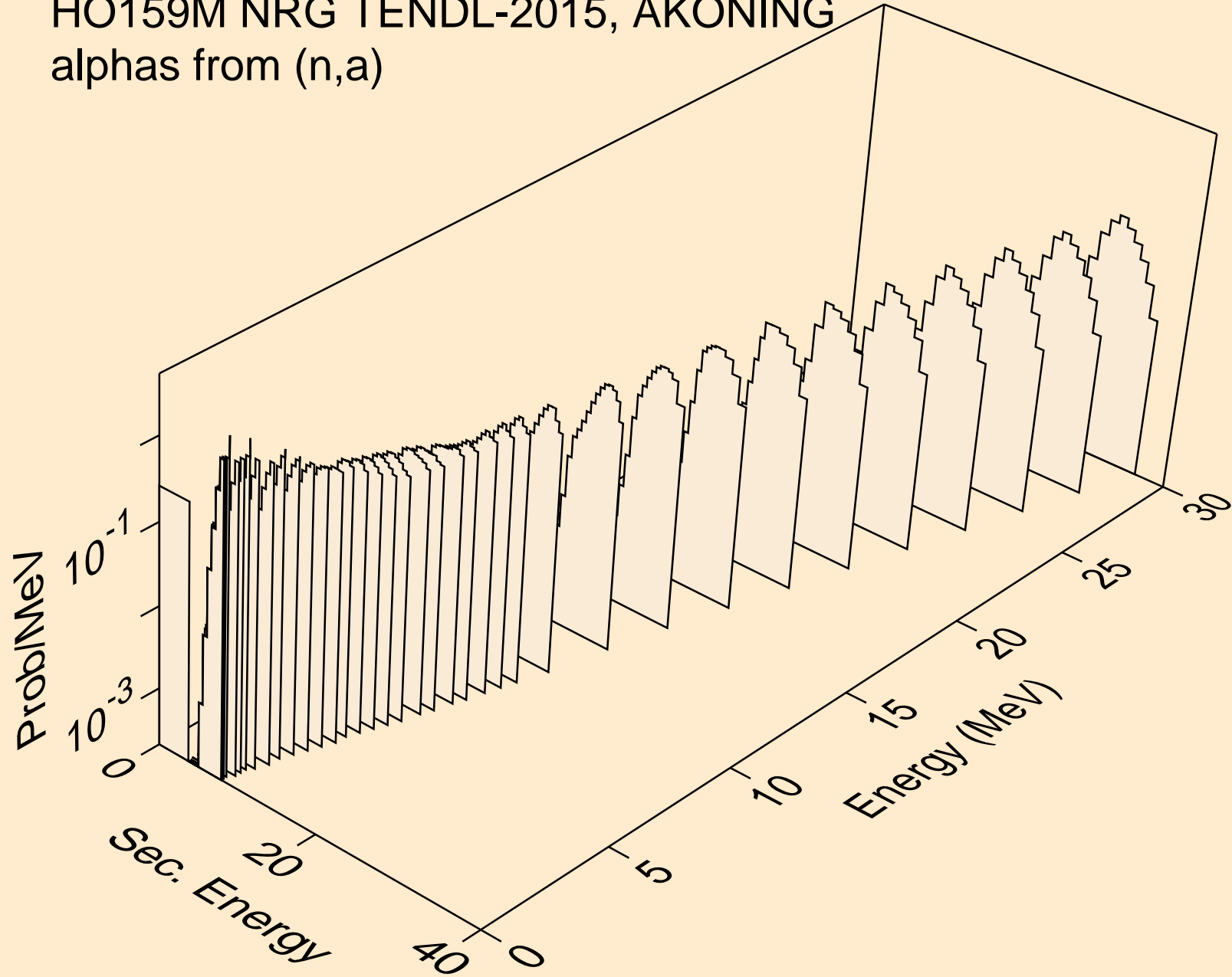
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alphas from (n,2n)2a



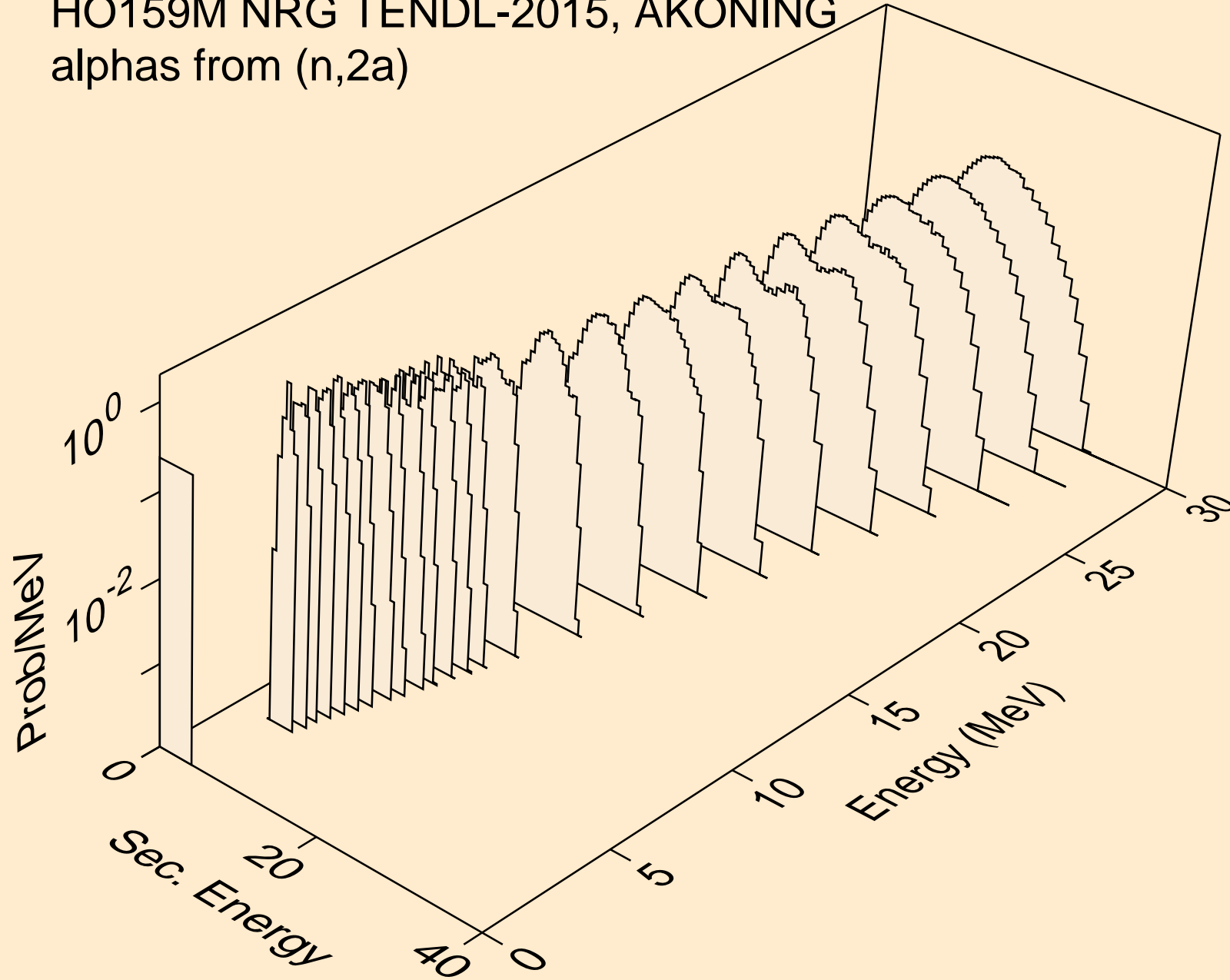
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alphas from (n,npa)



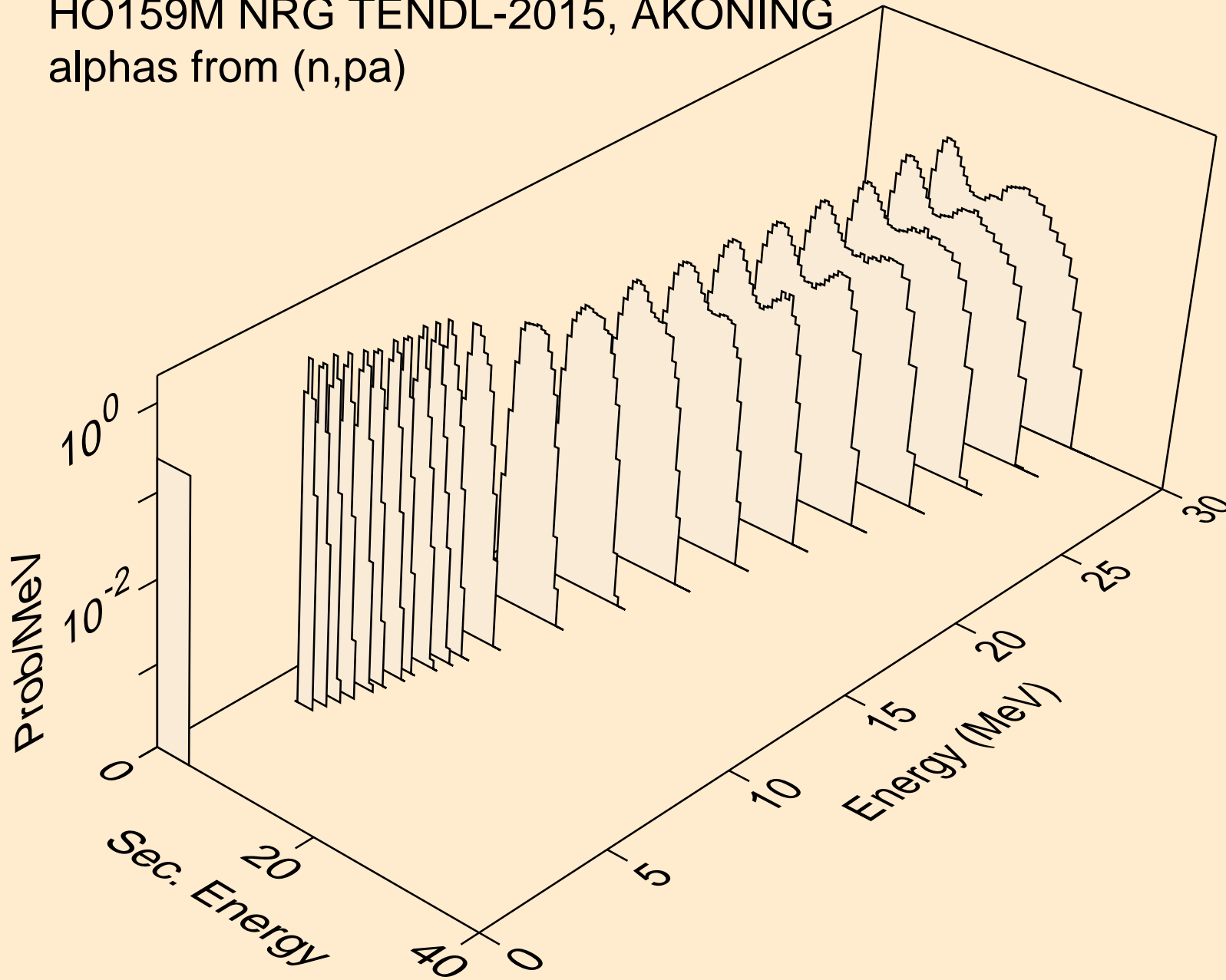
HO159M NRG TENDL-2015, AKONING  
alphas from (n,a)



HO159M NRG TENDL-2015, AKONING  
alphas from (n,2a)



HO159M NRG TENDL-2015, AKONING  
alphas from (n,pa)



HO159M NRG TENDL-2015, AKONING  
alphas from (n,da)

