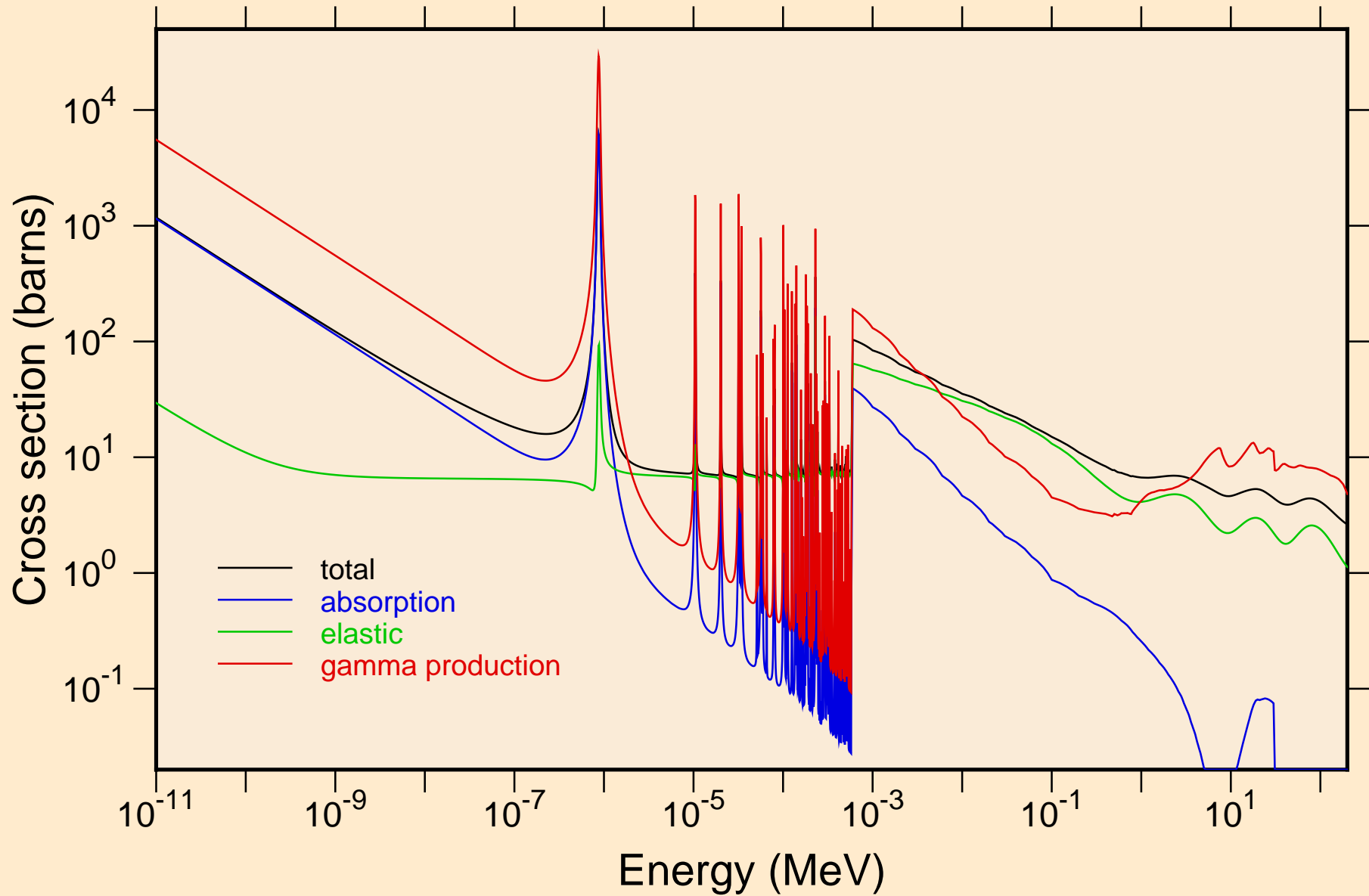
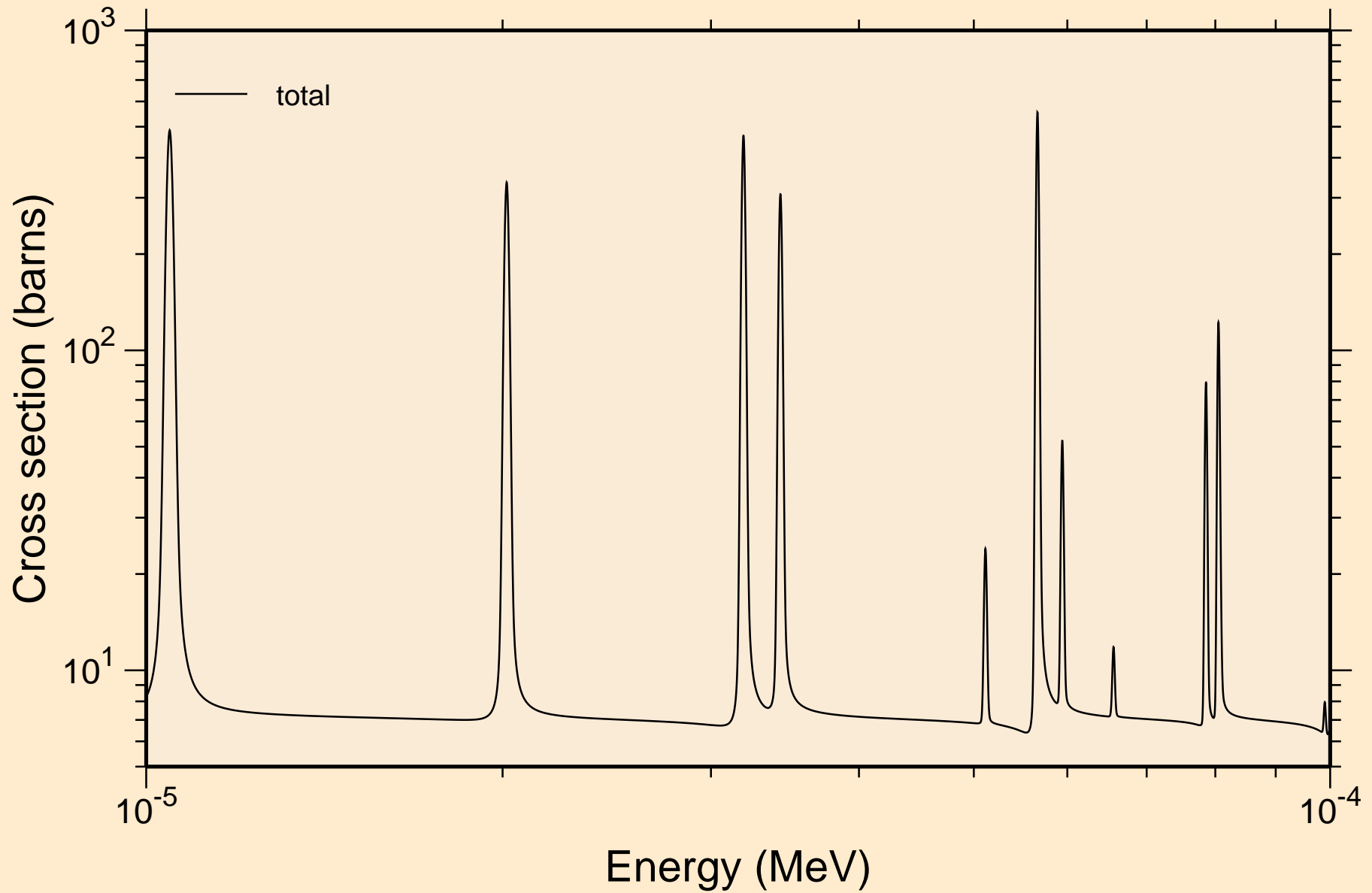


# HF171M NRG TENDL-2015, AKONING

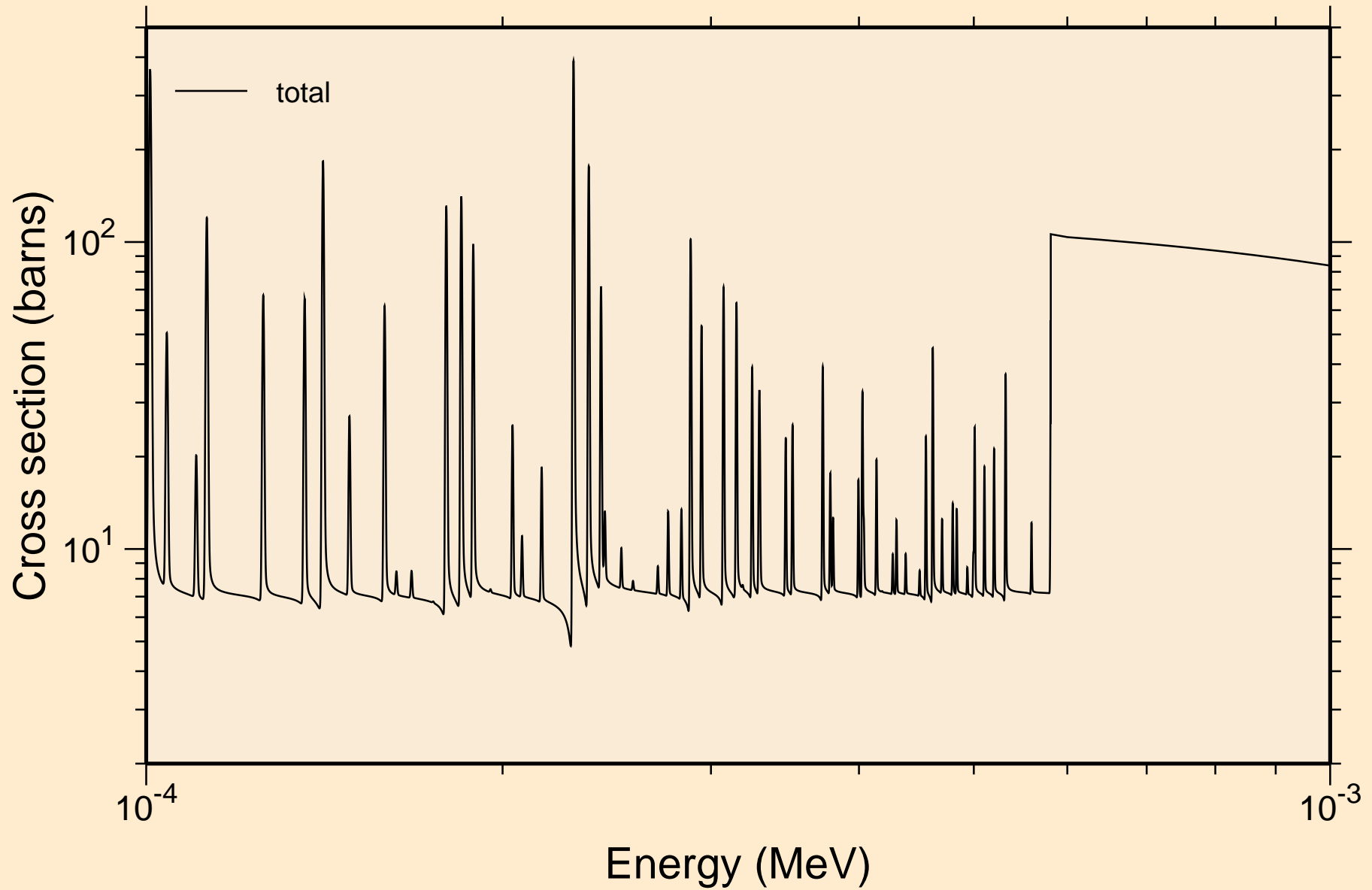
## Principal cross sections



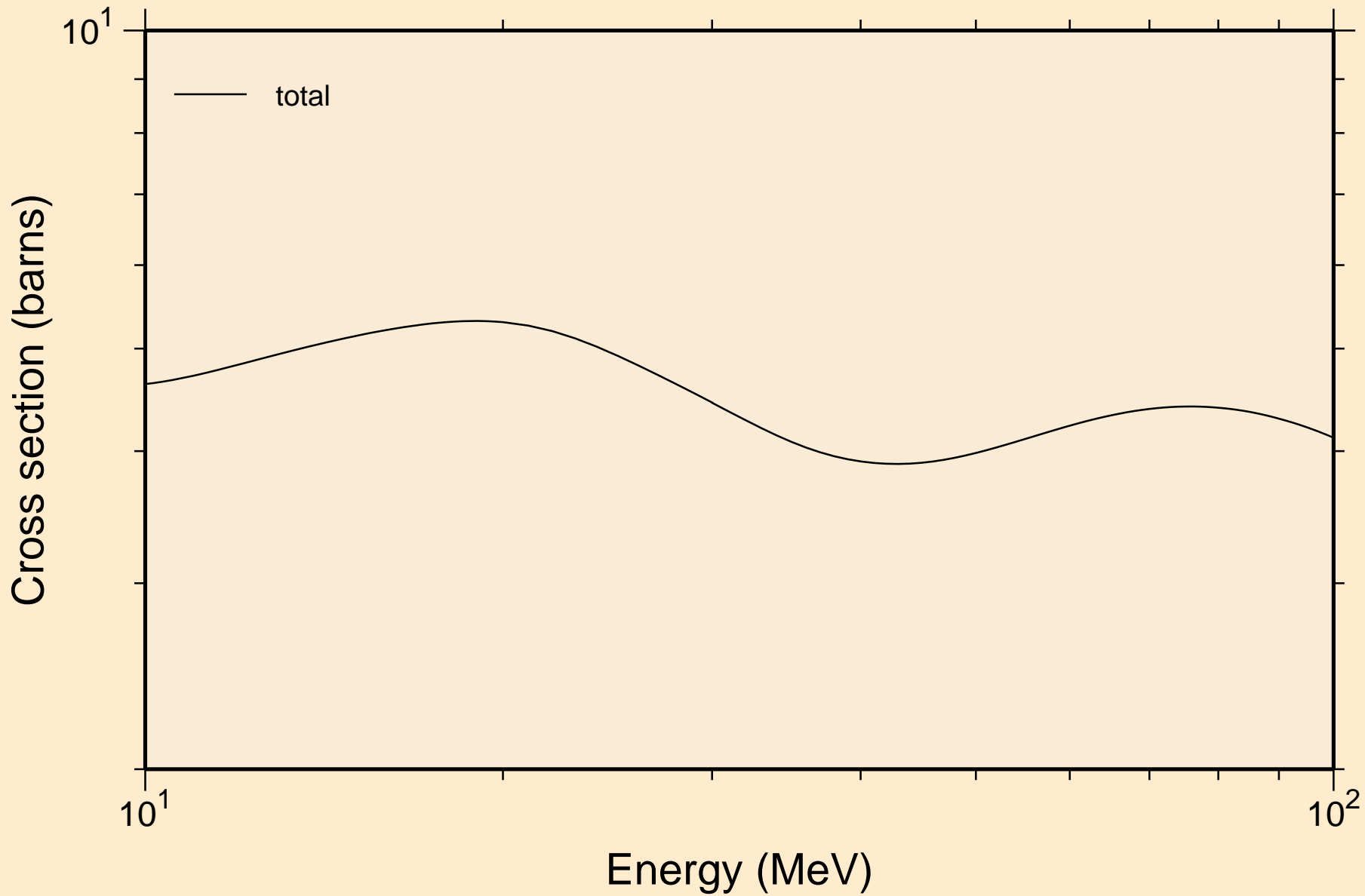
HF171M NRG TENDL-2015, AKONING  
resonance total cross section



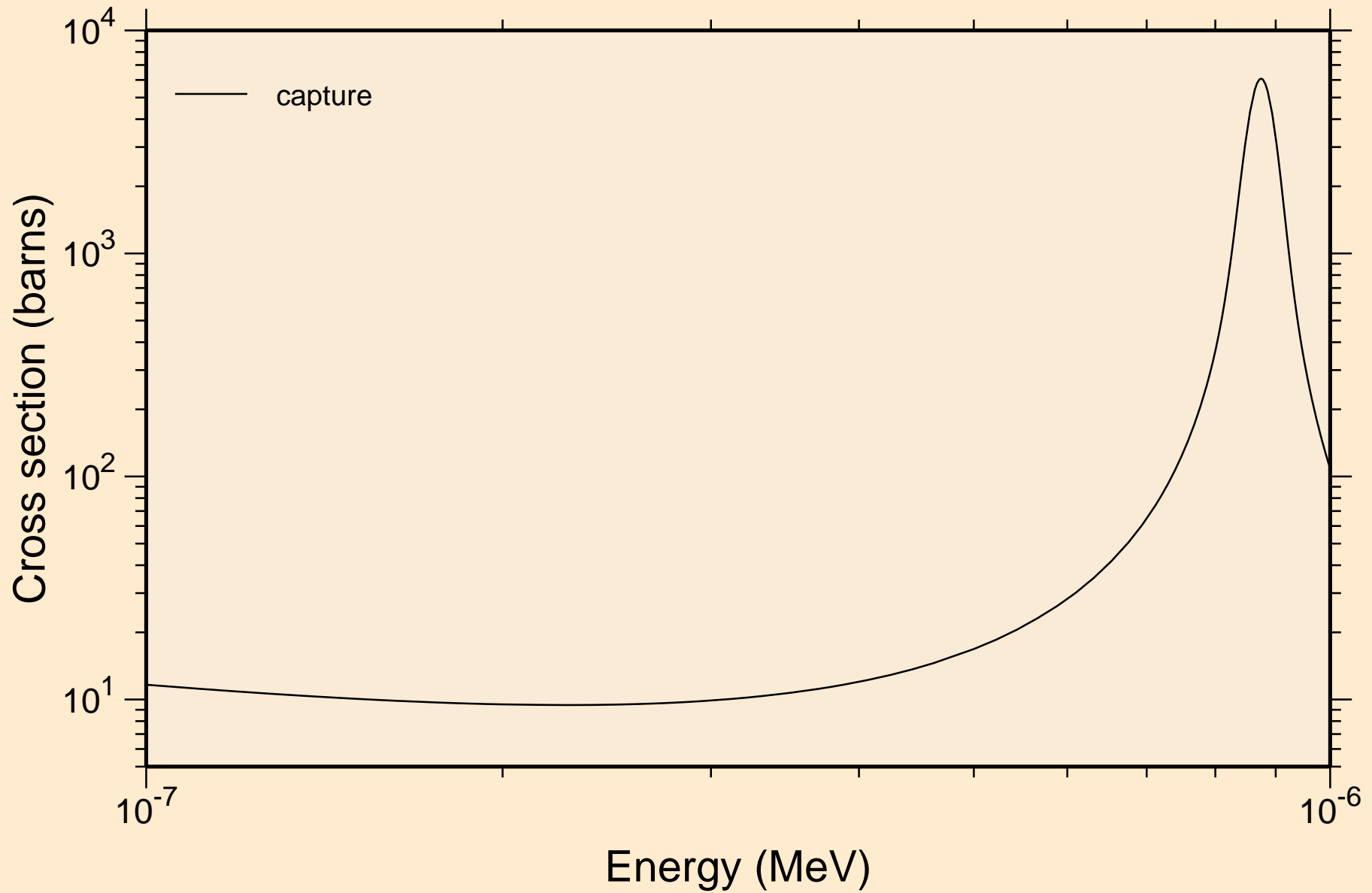
HF171M NRG TENDL-2015, AKONING  
resonance total cross section



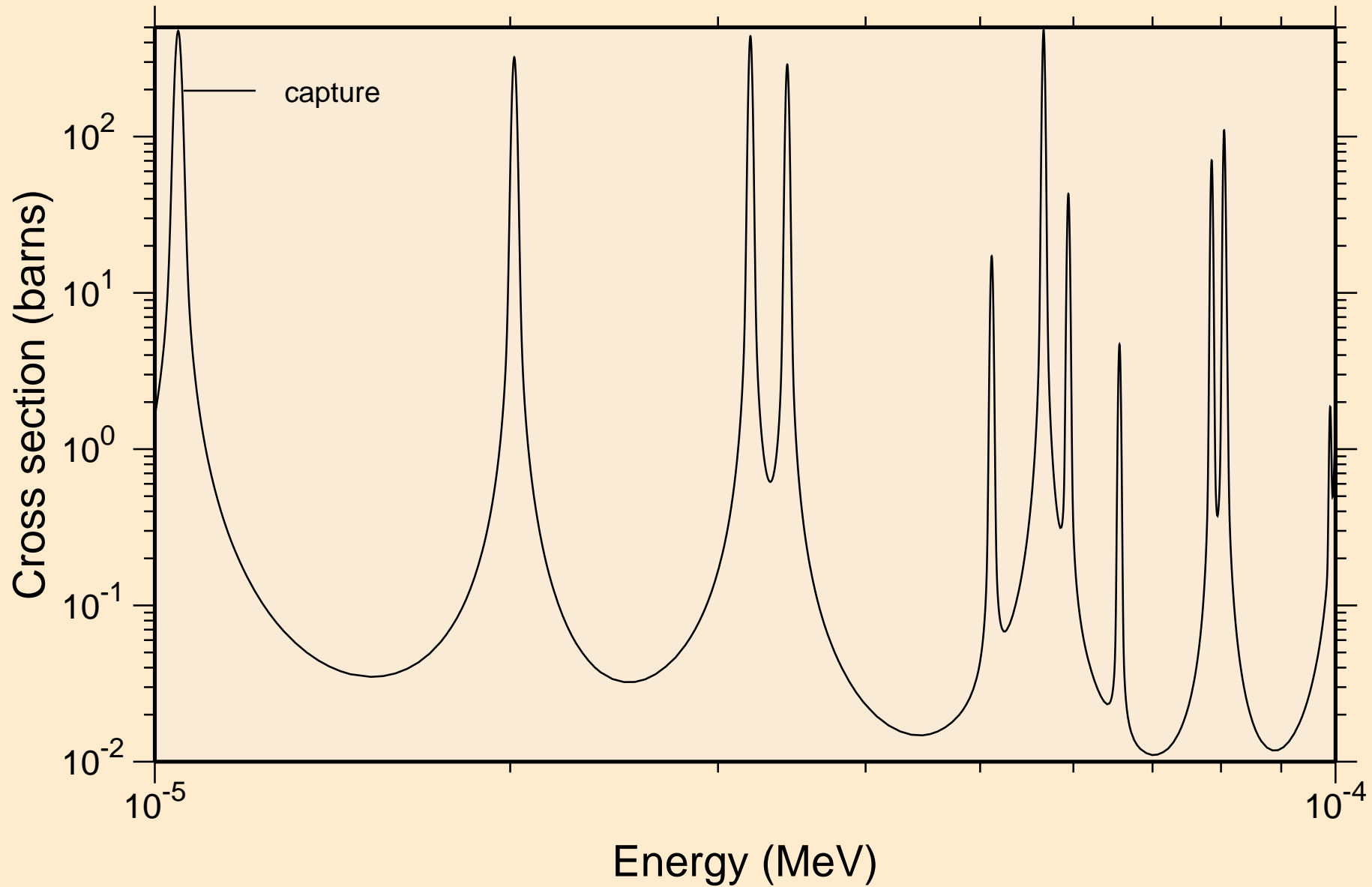
HF171M NRG TENDL-2015, AKONING  
resonance total cross section



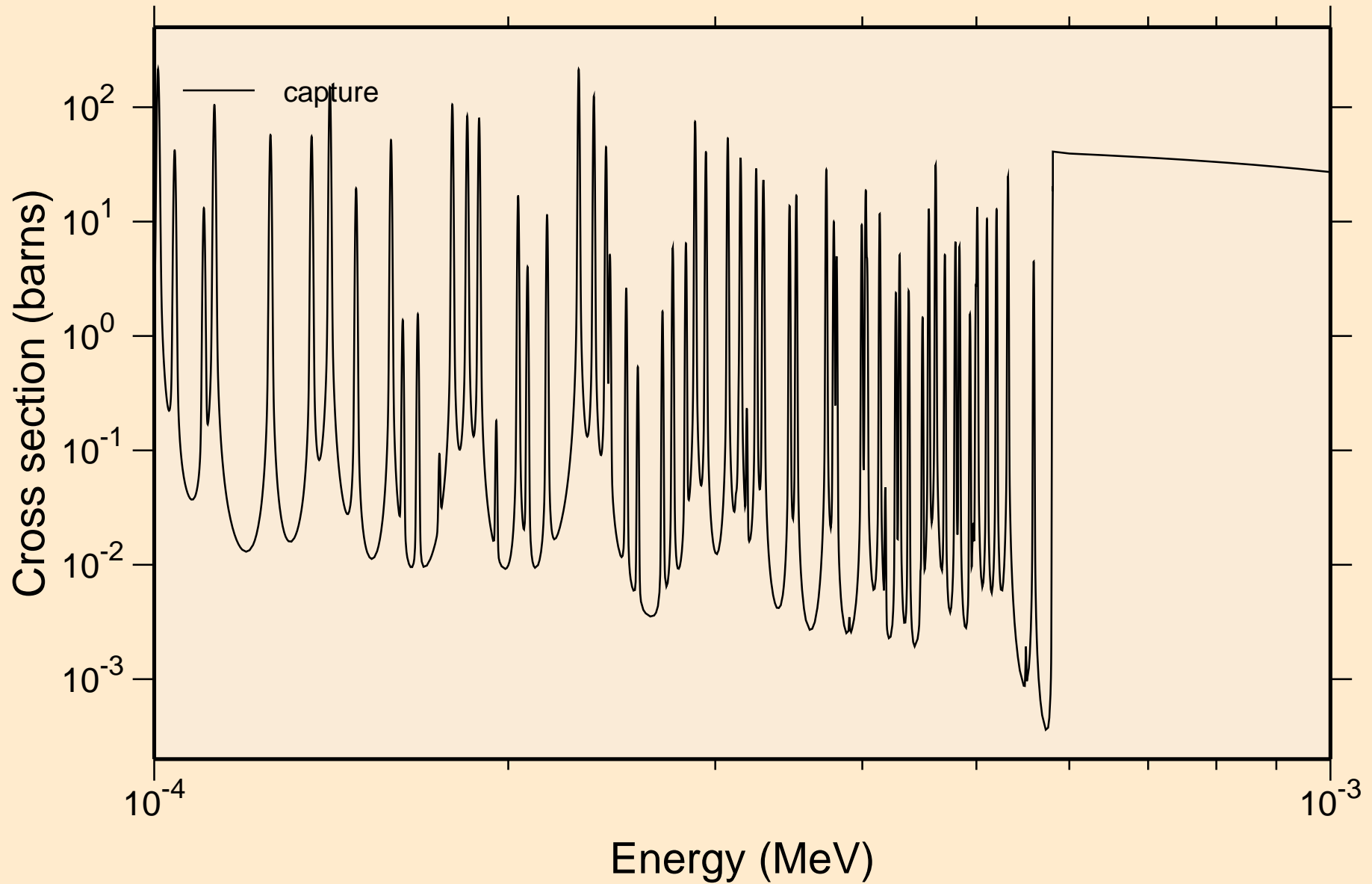
HF171M NRG TENDL-2015, AKONING  
resonance absorption cross sections



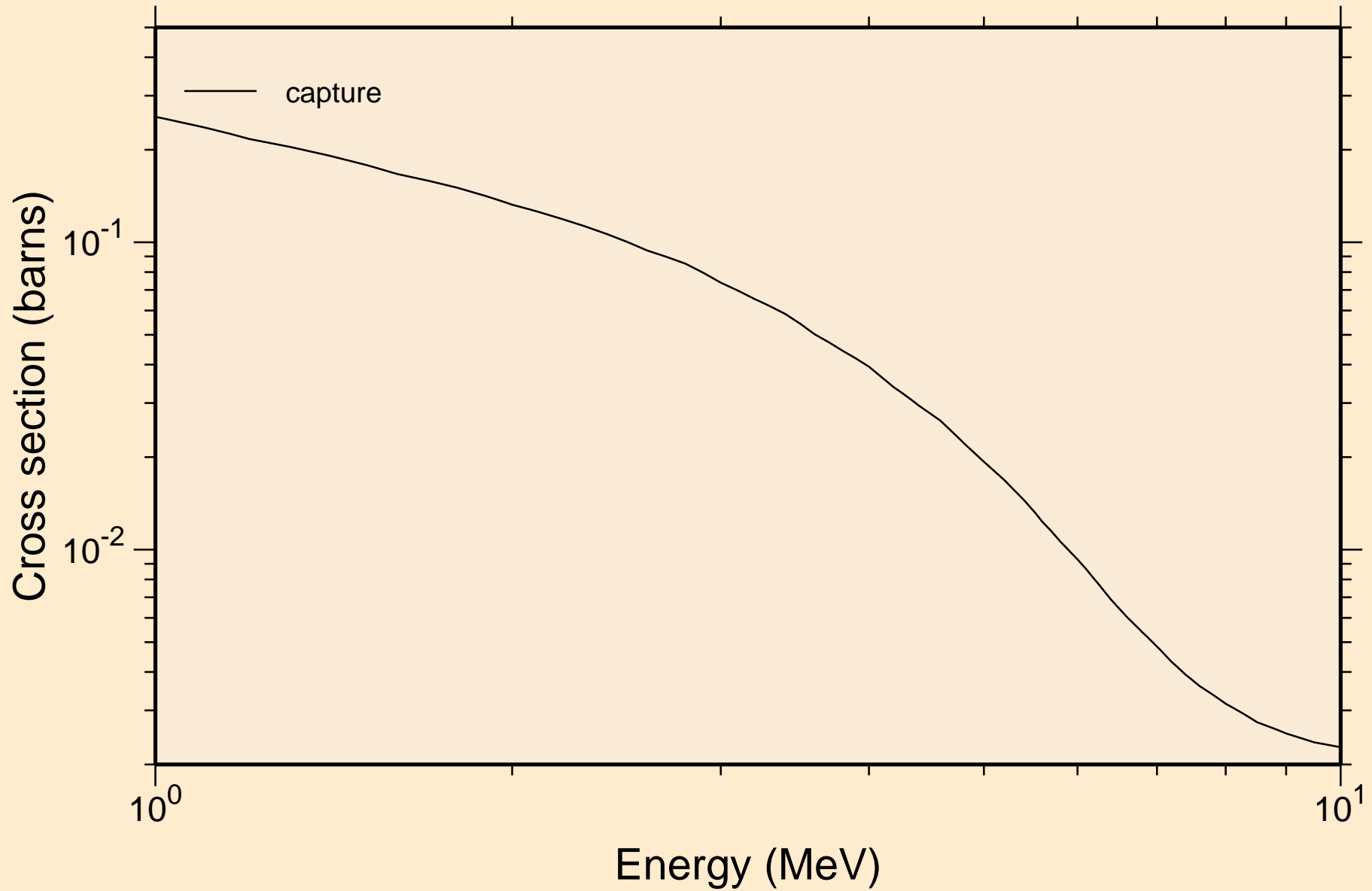
HF171M NRG TENDL-2015, AKONING  
resonance absorption cross sections



HF171M NRG TENDL-2015, AKONING  
resonance absorption cross sections



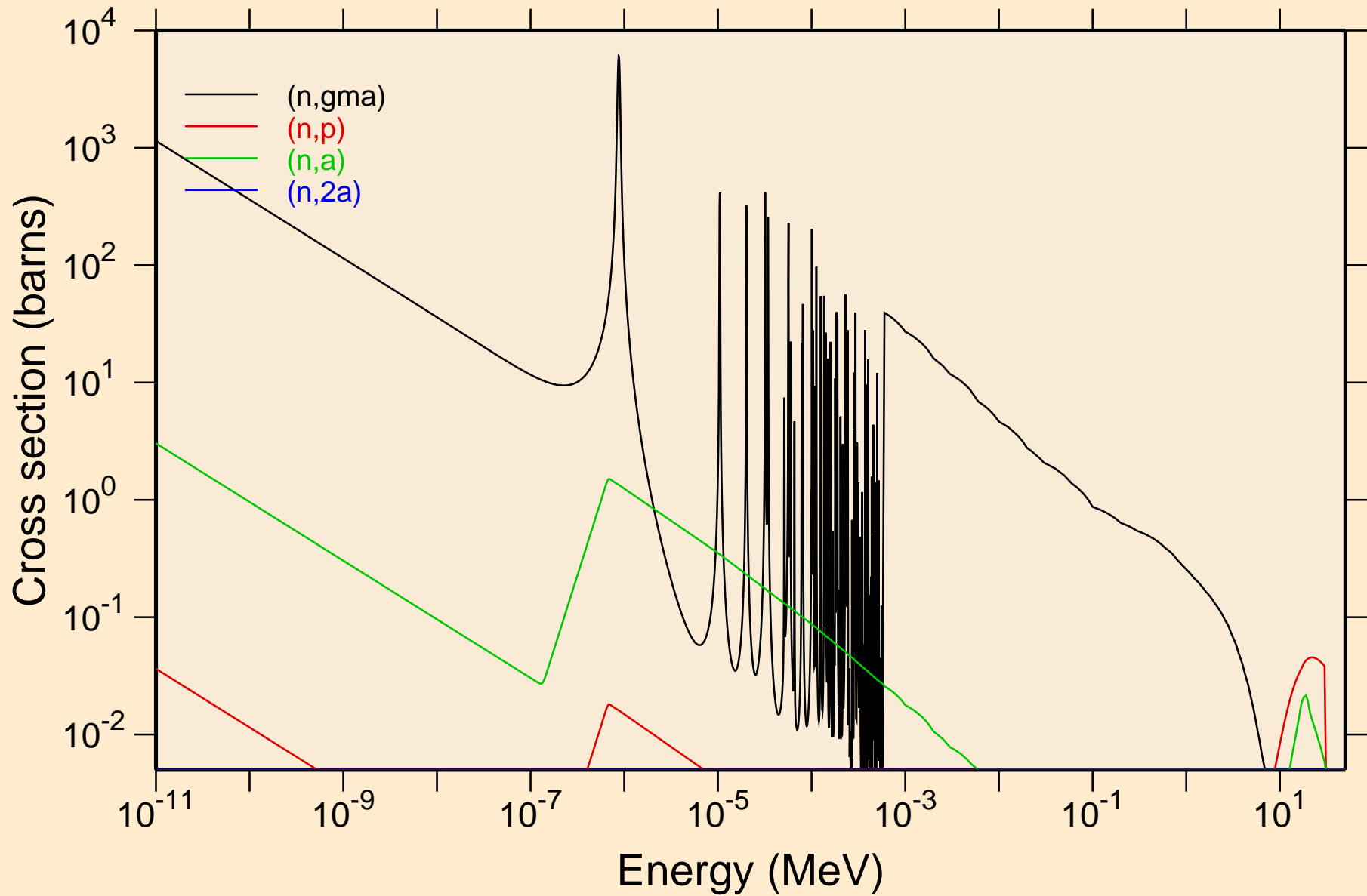
HF171M NRG TENDL-2015, AKONING  
resonance absorption cross sections





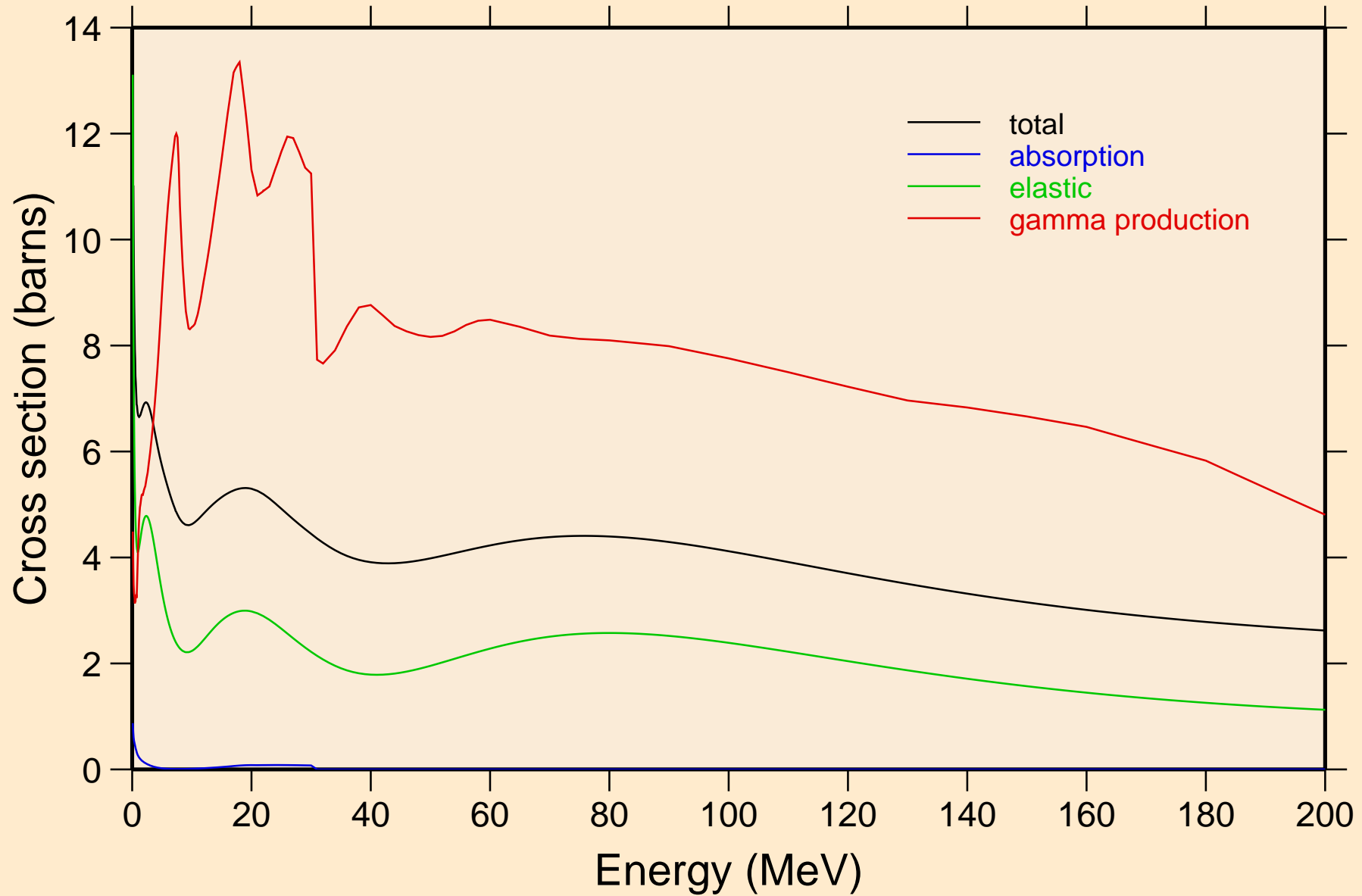
# HF171M NRG TENDL-2015, AKONING

## Non-threshold reactions



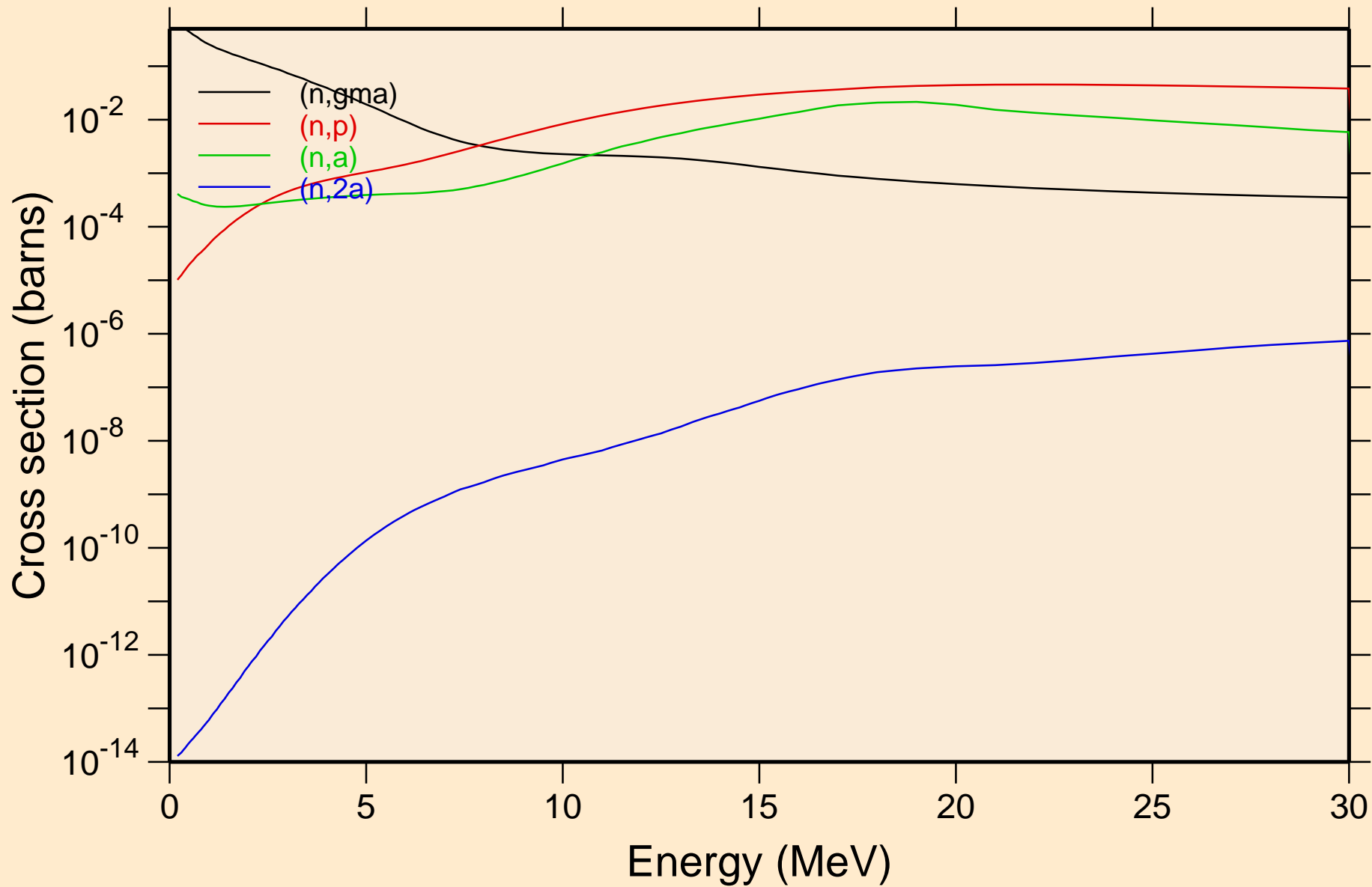
# HF171M NRG TENDL-2015, AKONING

## Principal cross sections



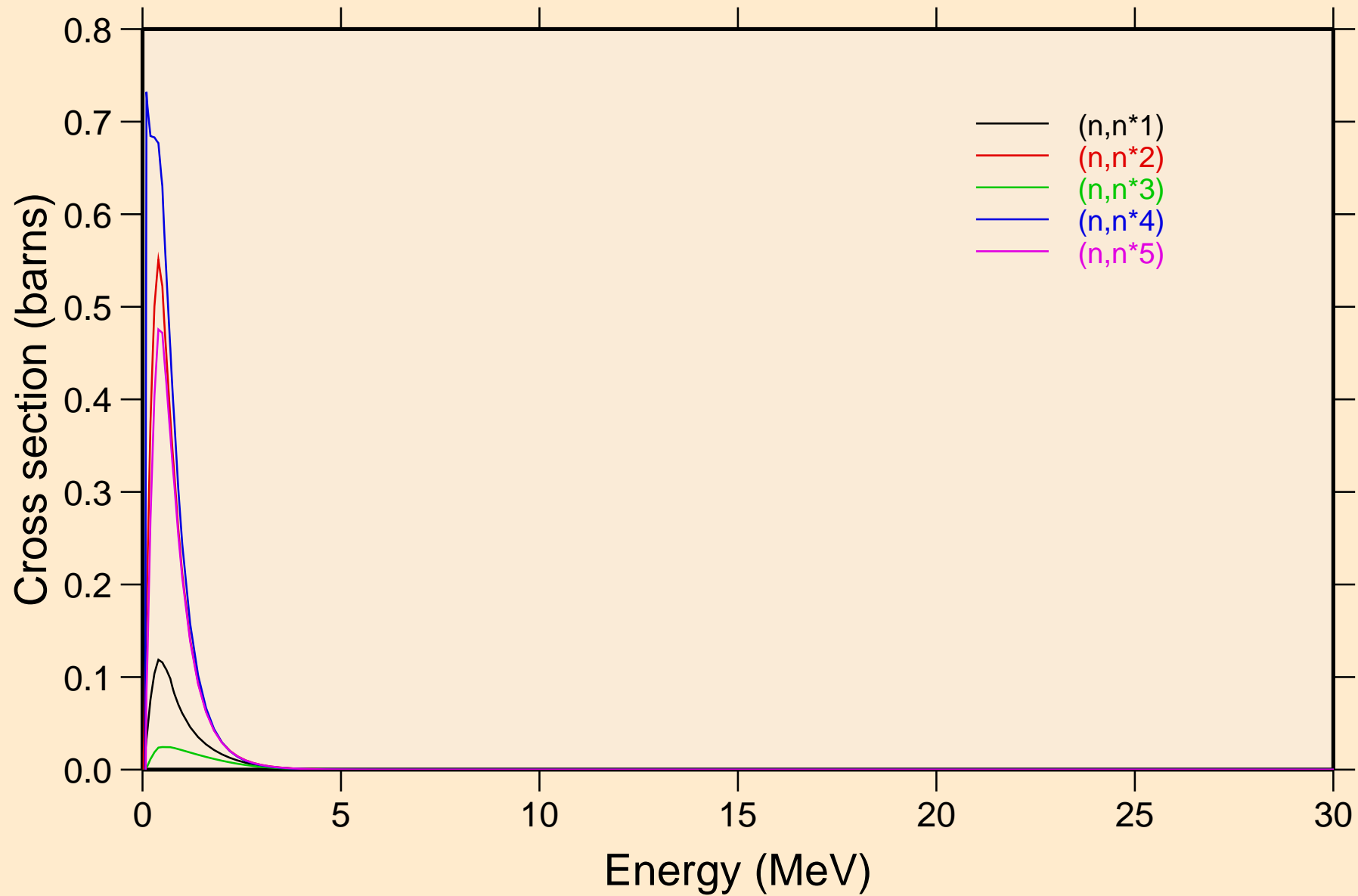
# HF171M NRG TENDL-2015, AKONING

## Non-threshold reactions



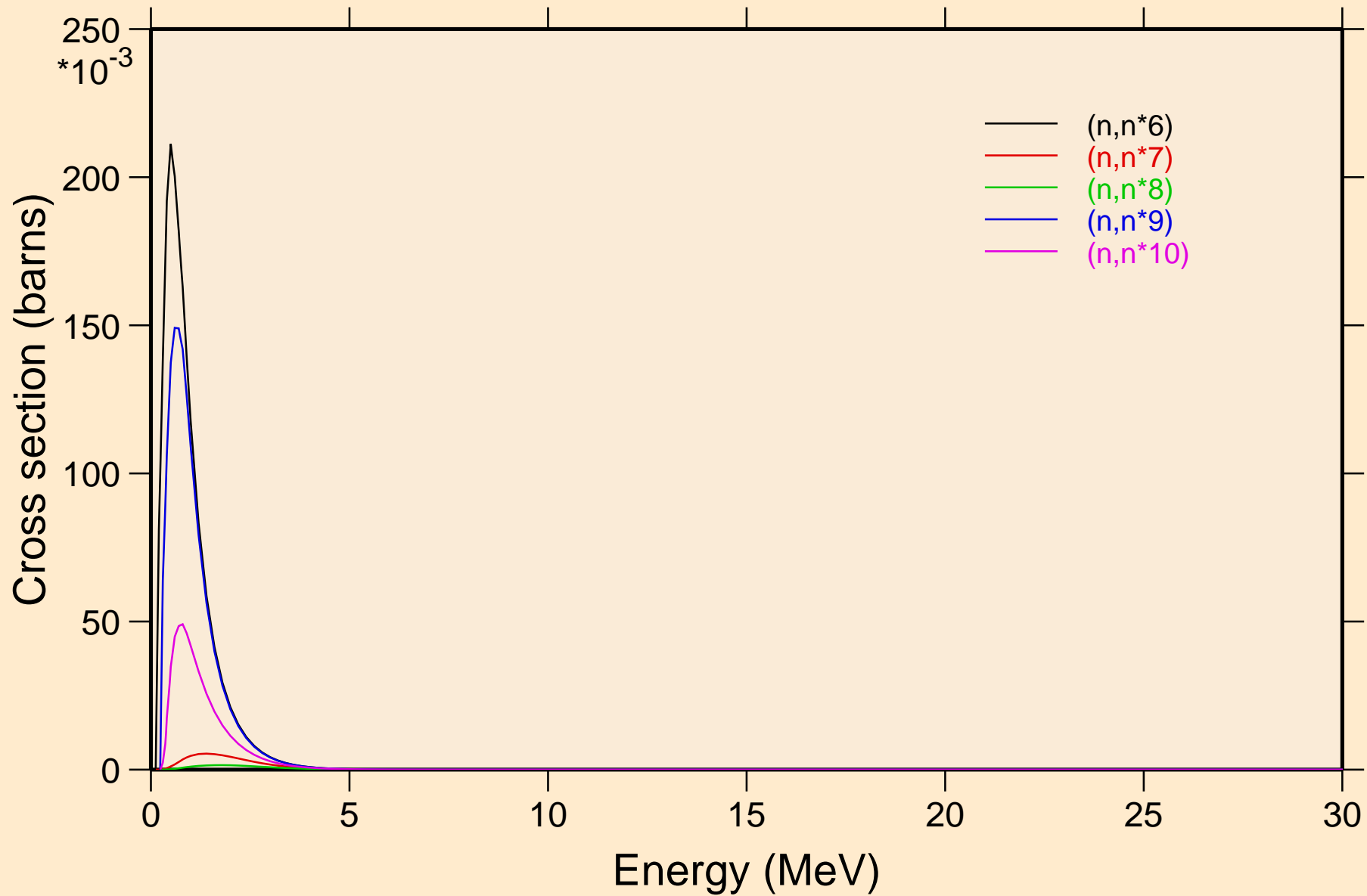
# HF171M NRG TENDL-2015, AKONING

## Inelastic levels



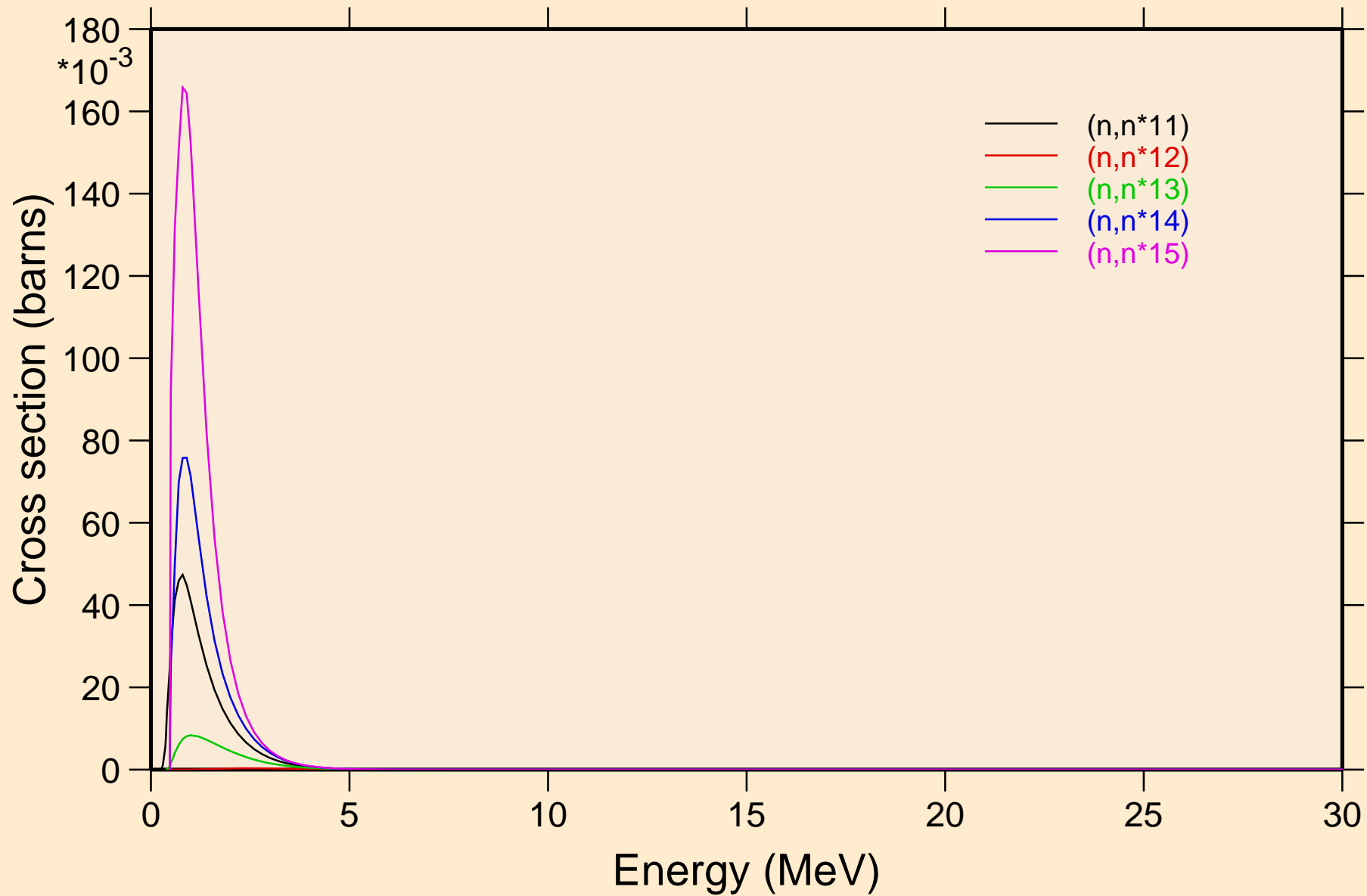
# HF171M NRG TENDL-2015, AKONING

## Inelastic levels



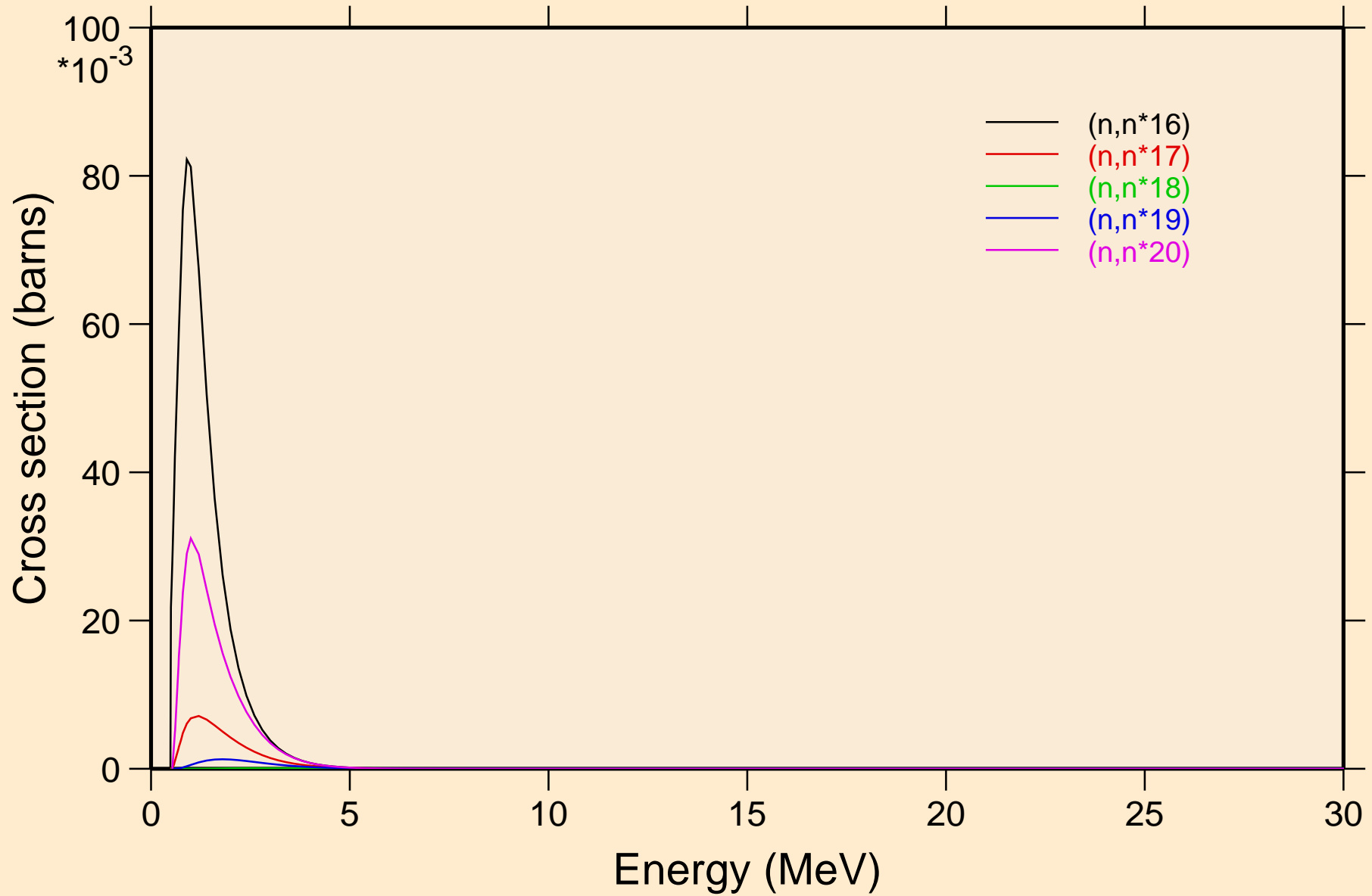
# HF171M NRG TENDL-2015, AKONING

## Inelastic levels



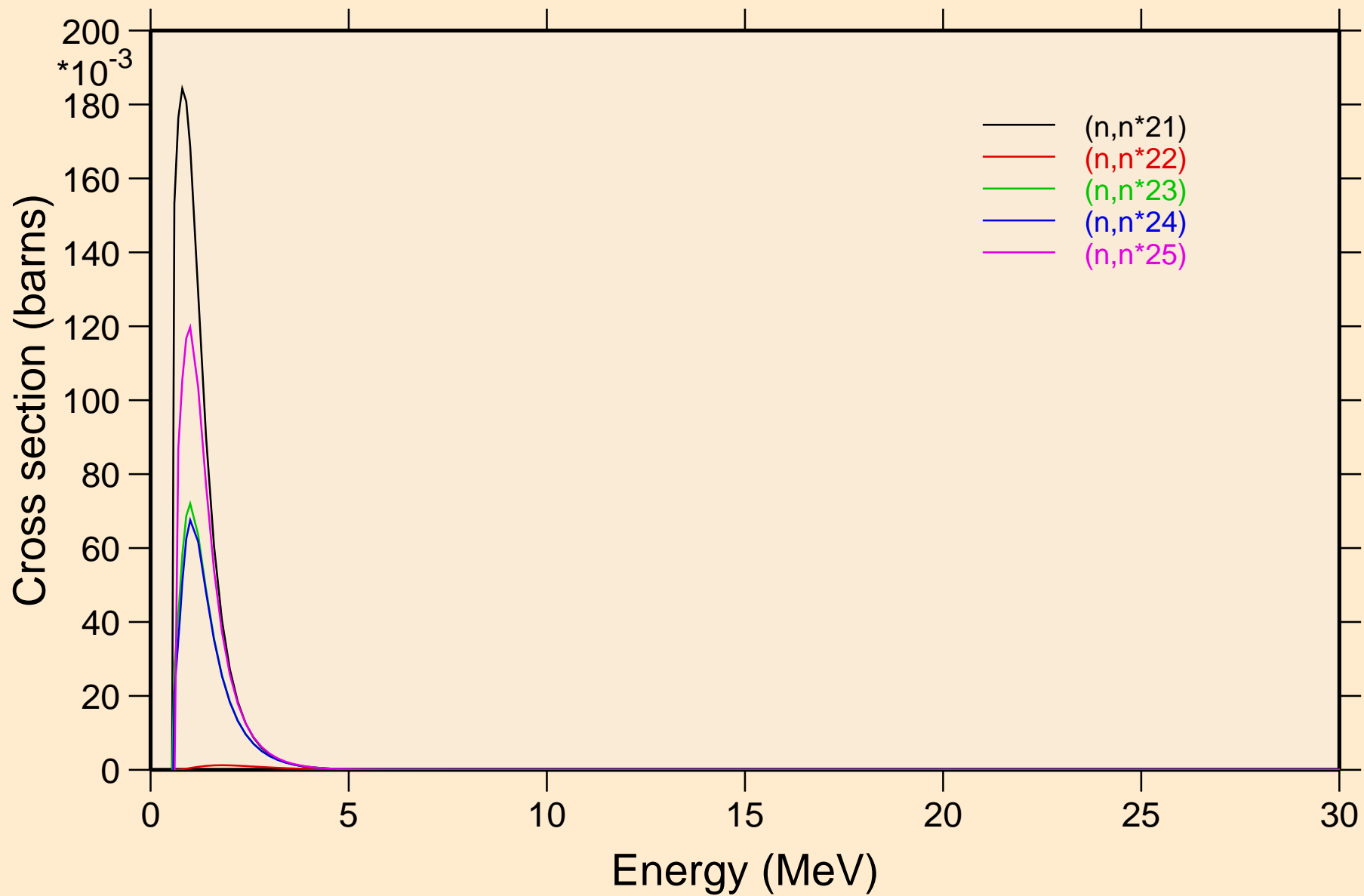
# HF171M NRG TENDL-2015, AKONING

## Inelastic levels



# HF171M NRG TENDL-2015, AKONING

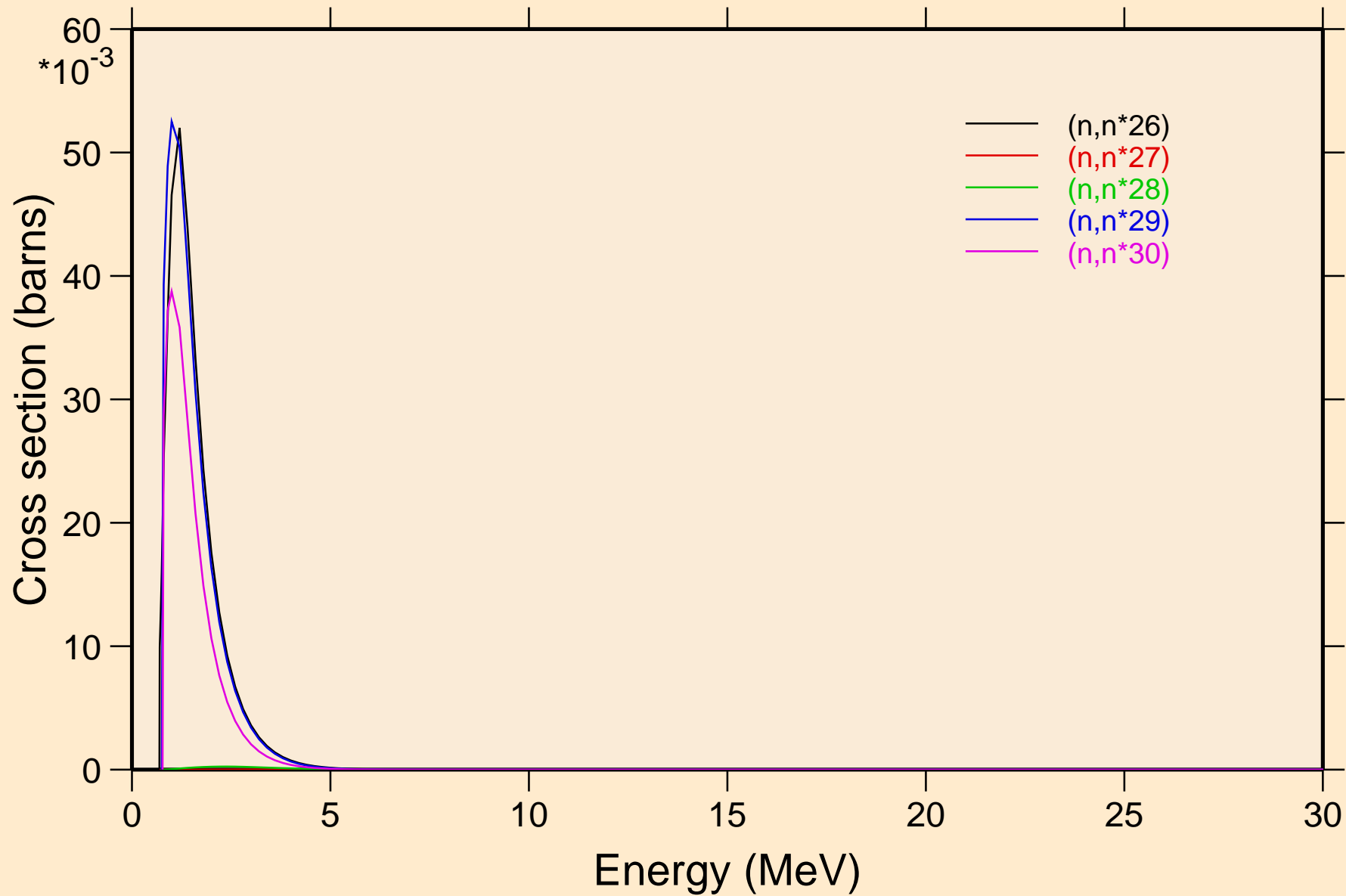
## Inelastic levels





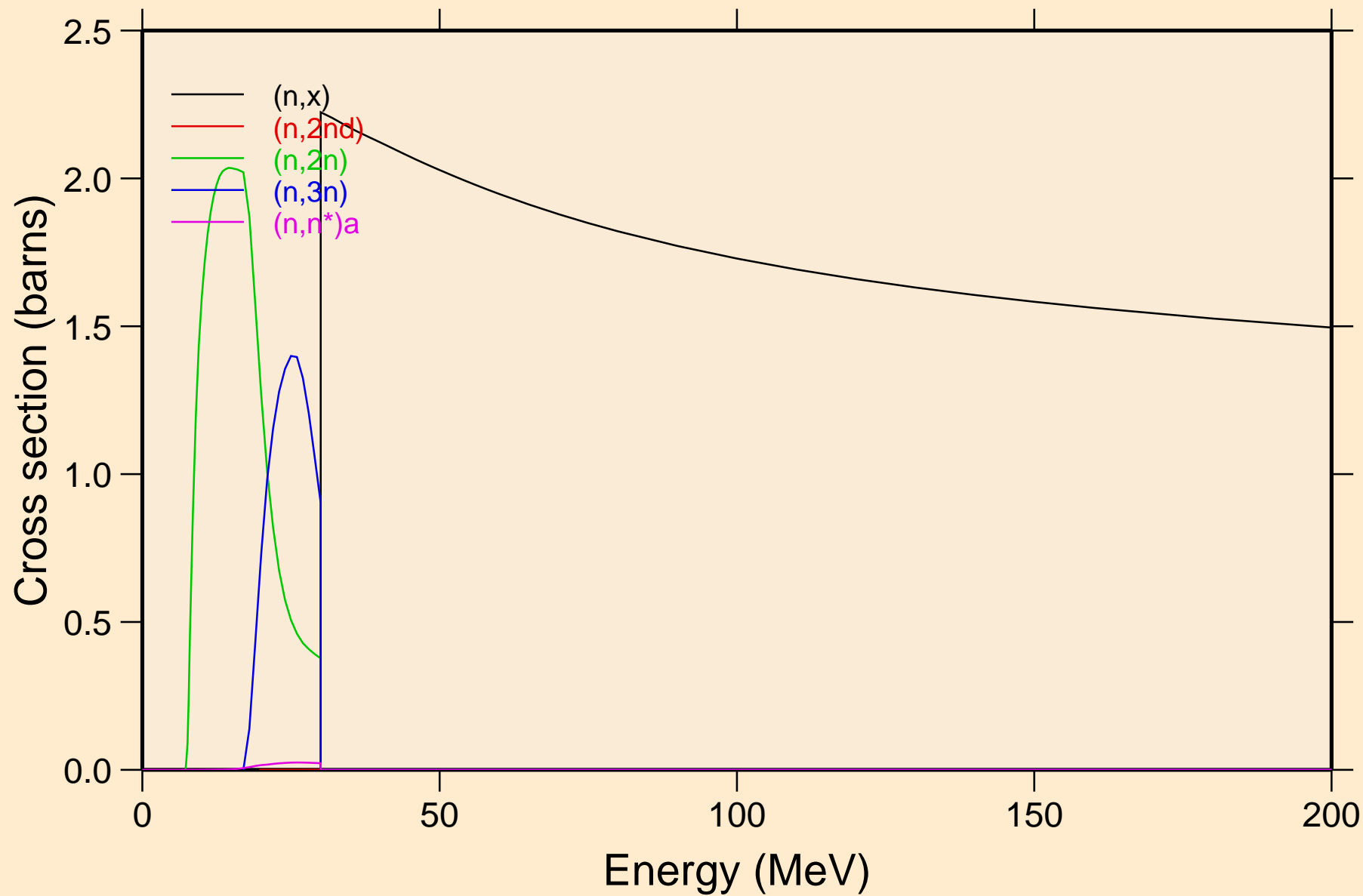
# HF171M NRG TENDL-2015, AKONING

## Inelastic levels



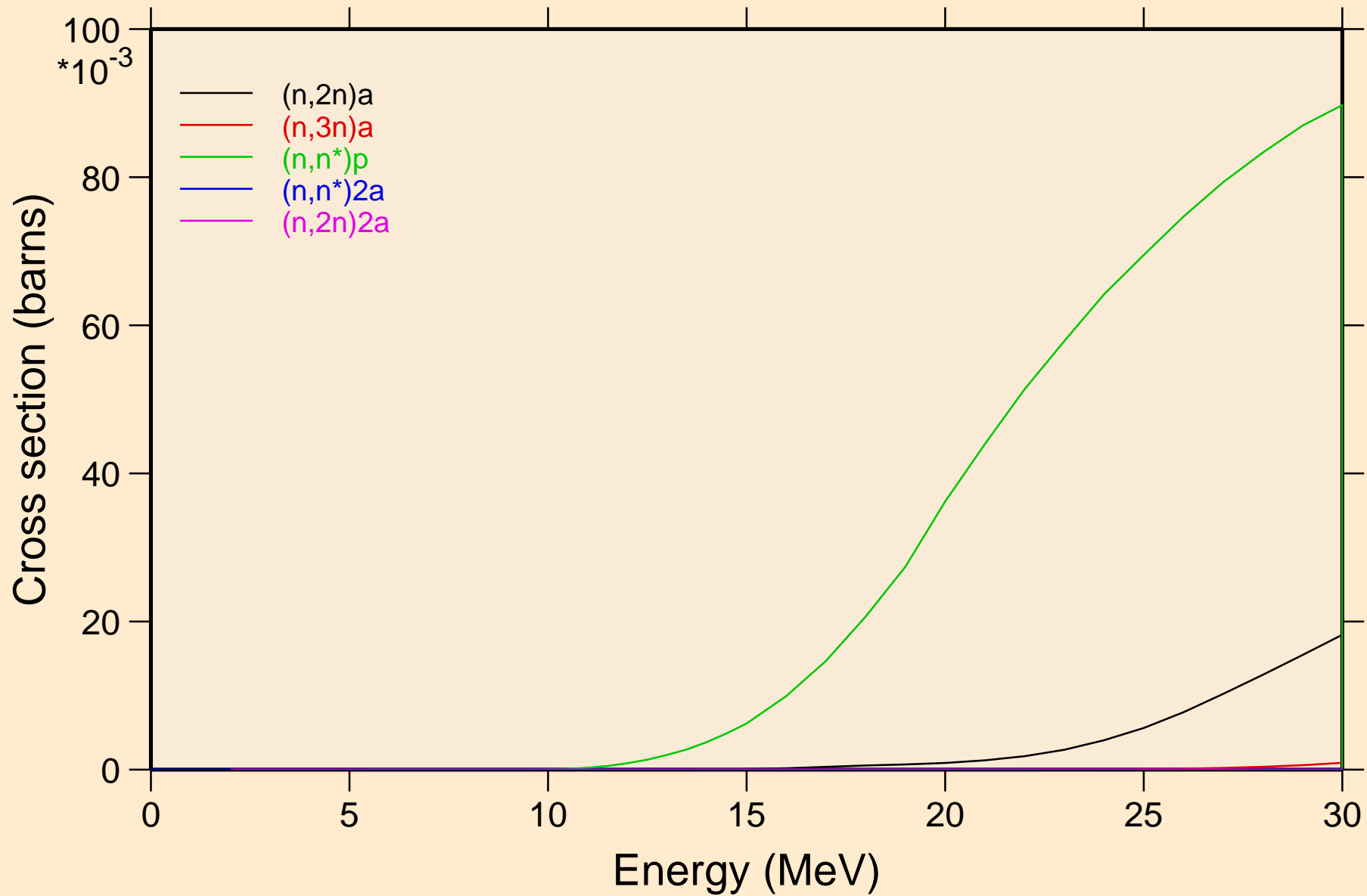
# HF171M NRG TENDL-2015, AKONING

## Threshold reactions



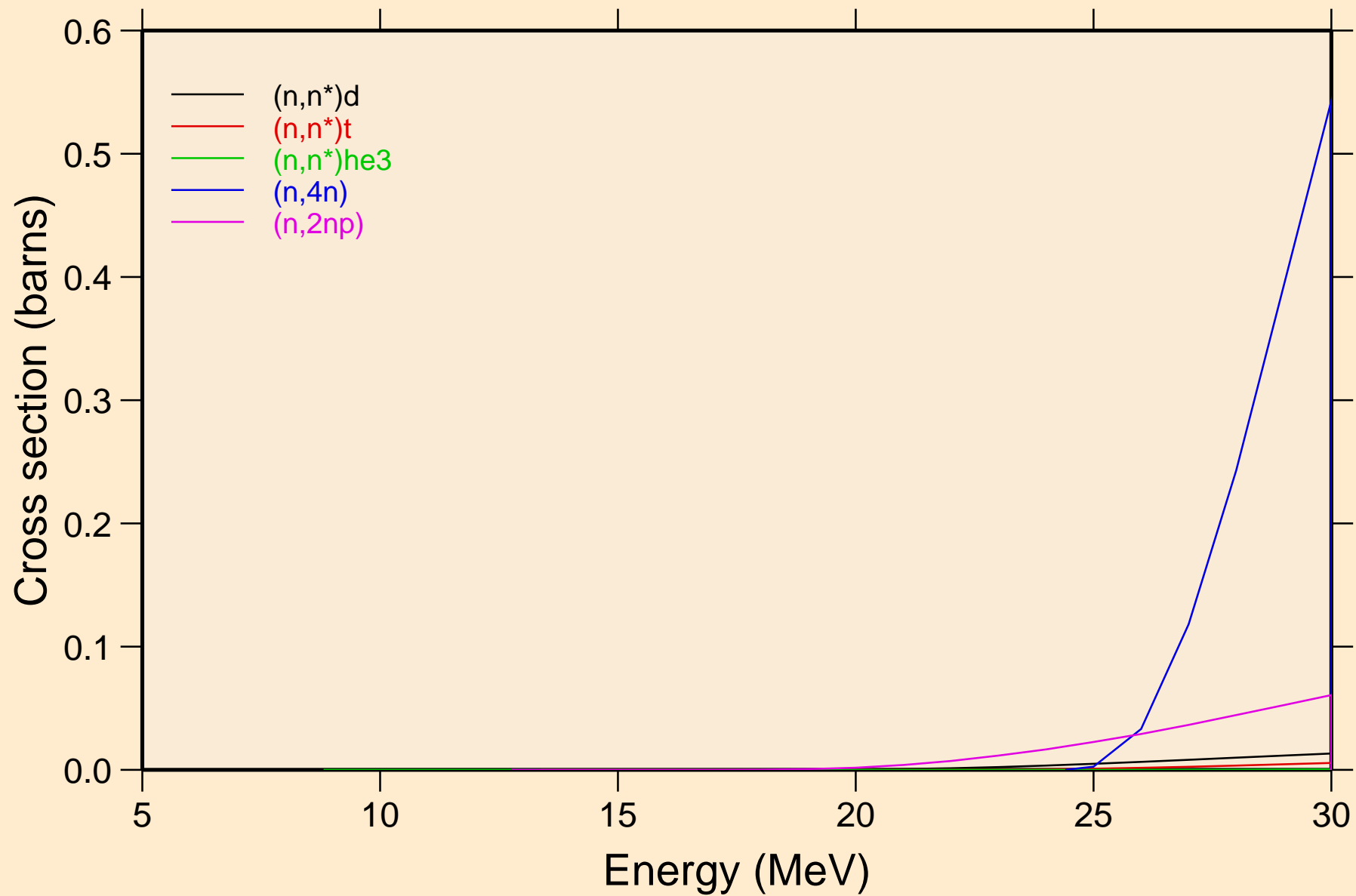
# HF171M NRG TENDL-2015, AKONING

## Threshold reactions



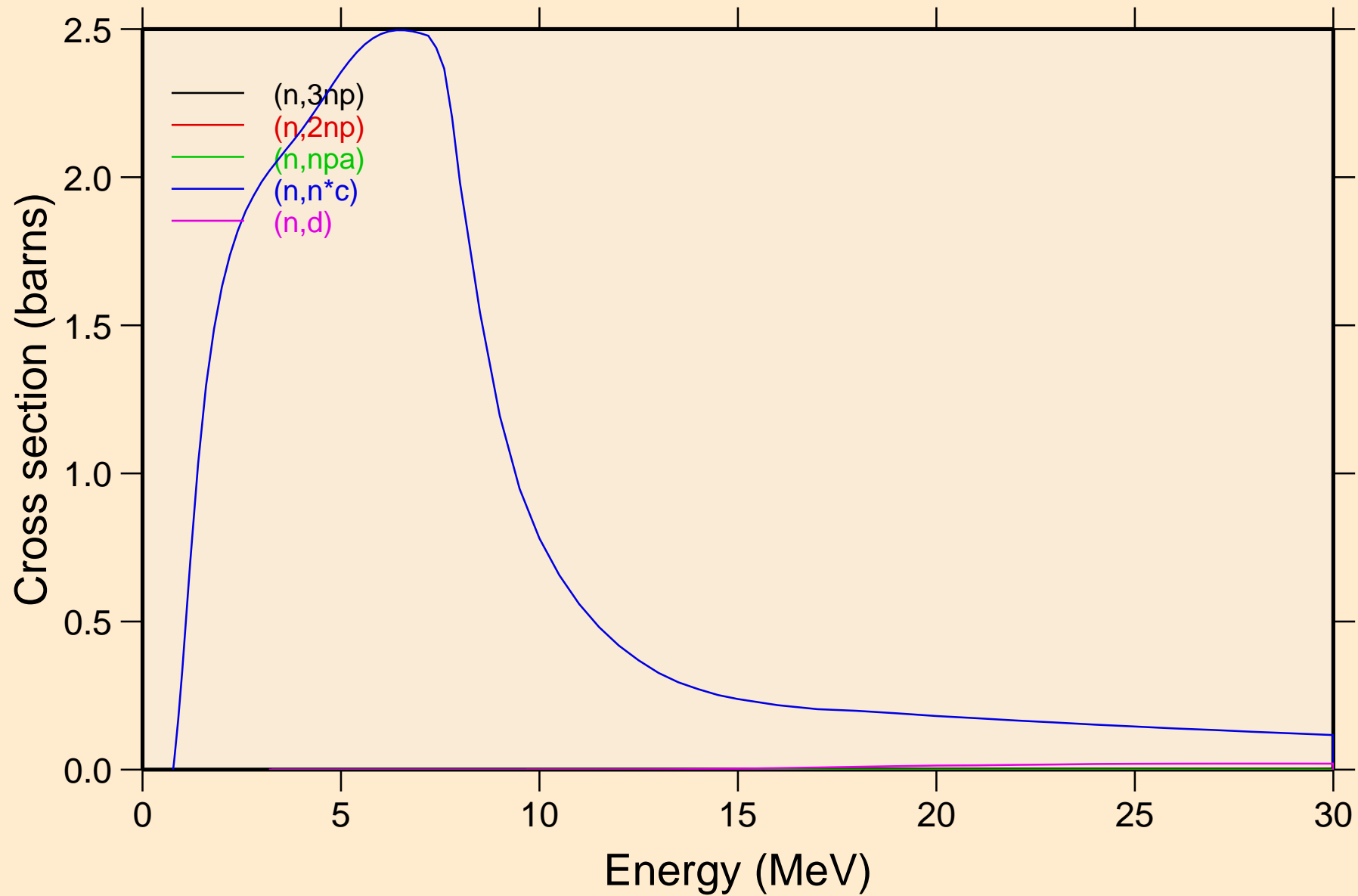
# HF171M NRG TENDL-2015, AKONING

## Threshold reactions



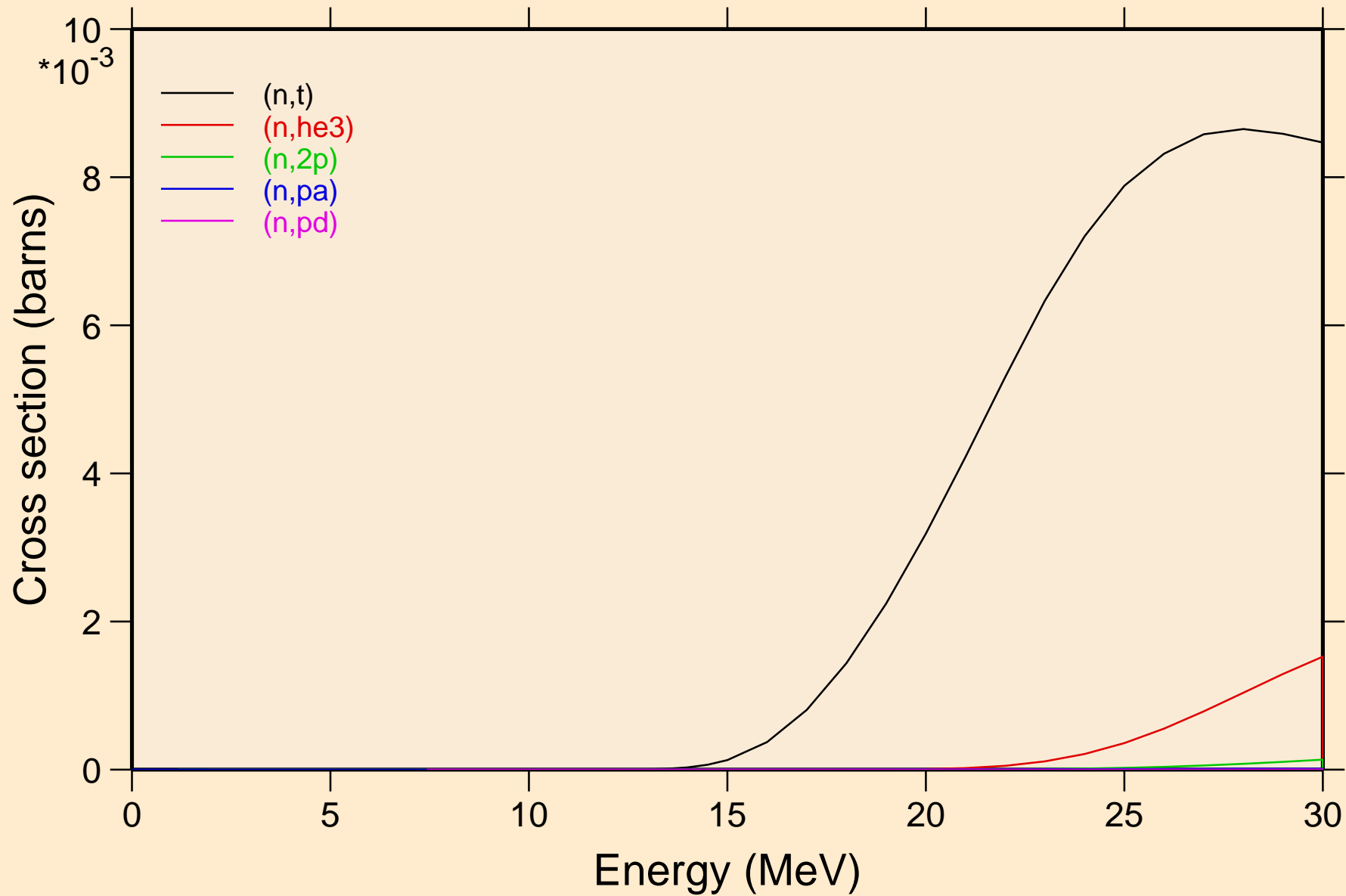
# HF171M NRG TENDL-2015, AKONING

## Threshold reactions



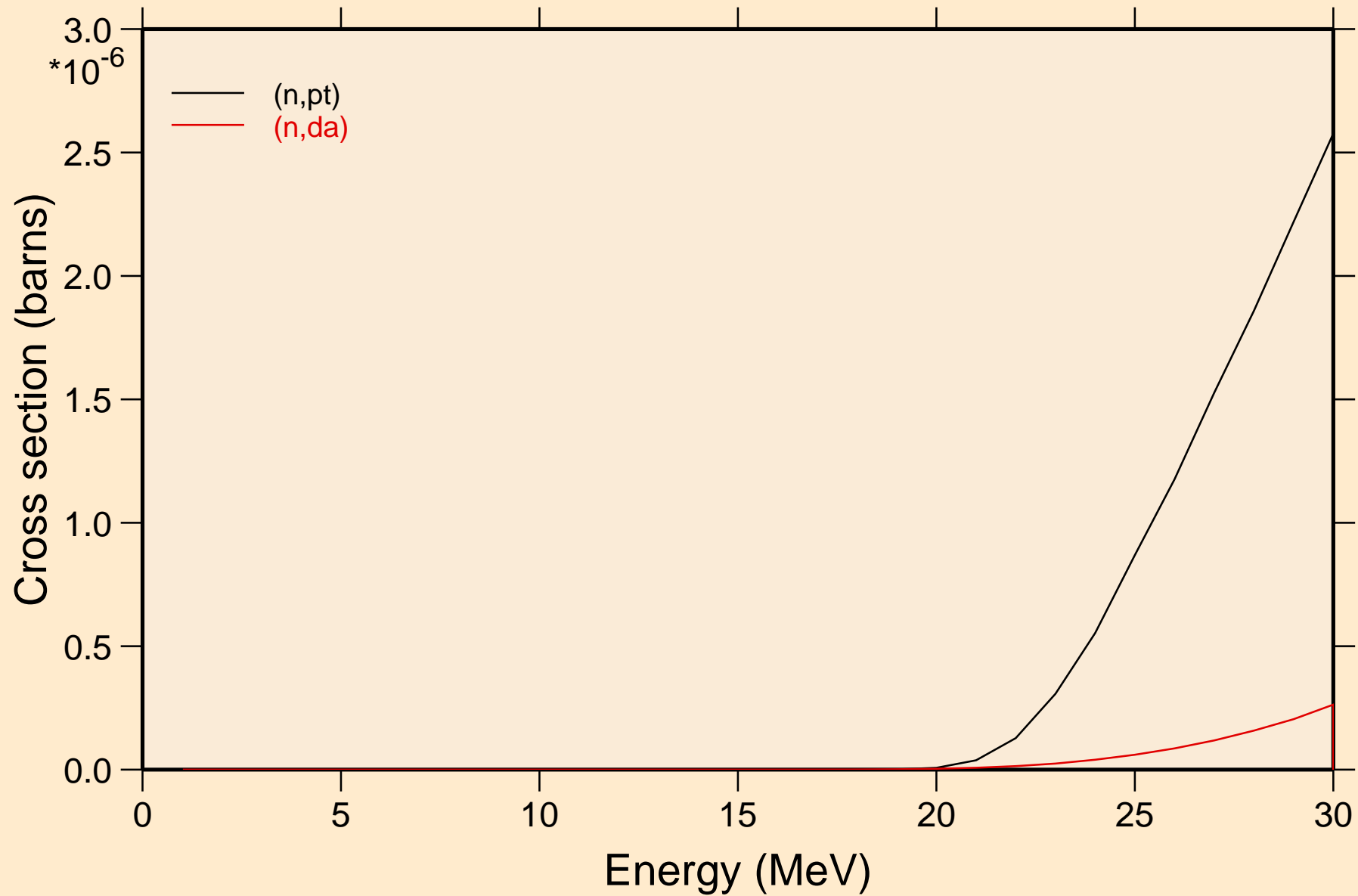
# HF171M NRG TENDL-2015, AKONING

## Threshold reactions

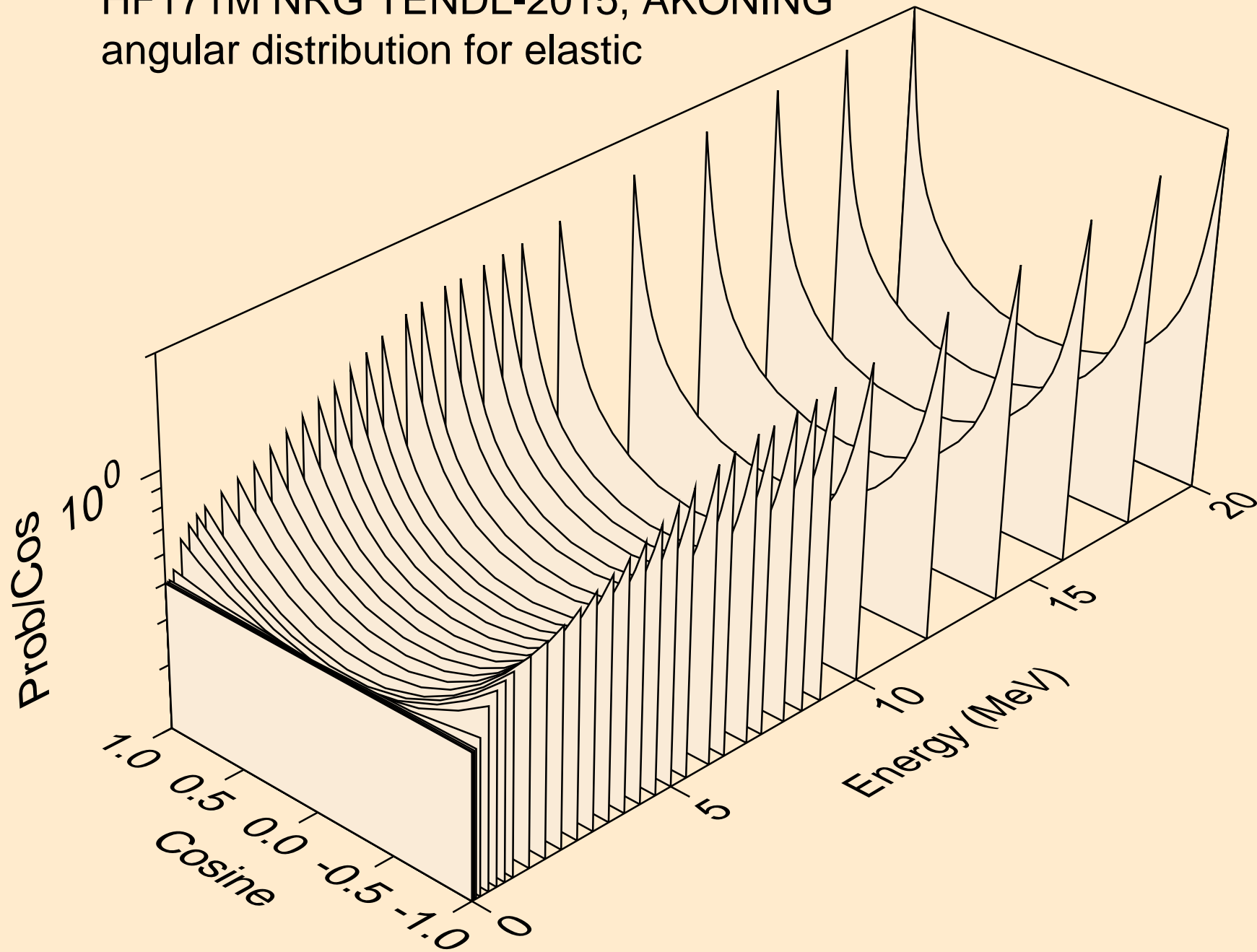


# HF171M NRG TENDL-2015, AKONING

## Threshold reactions

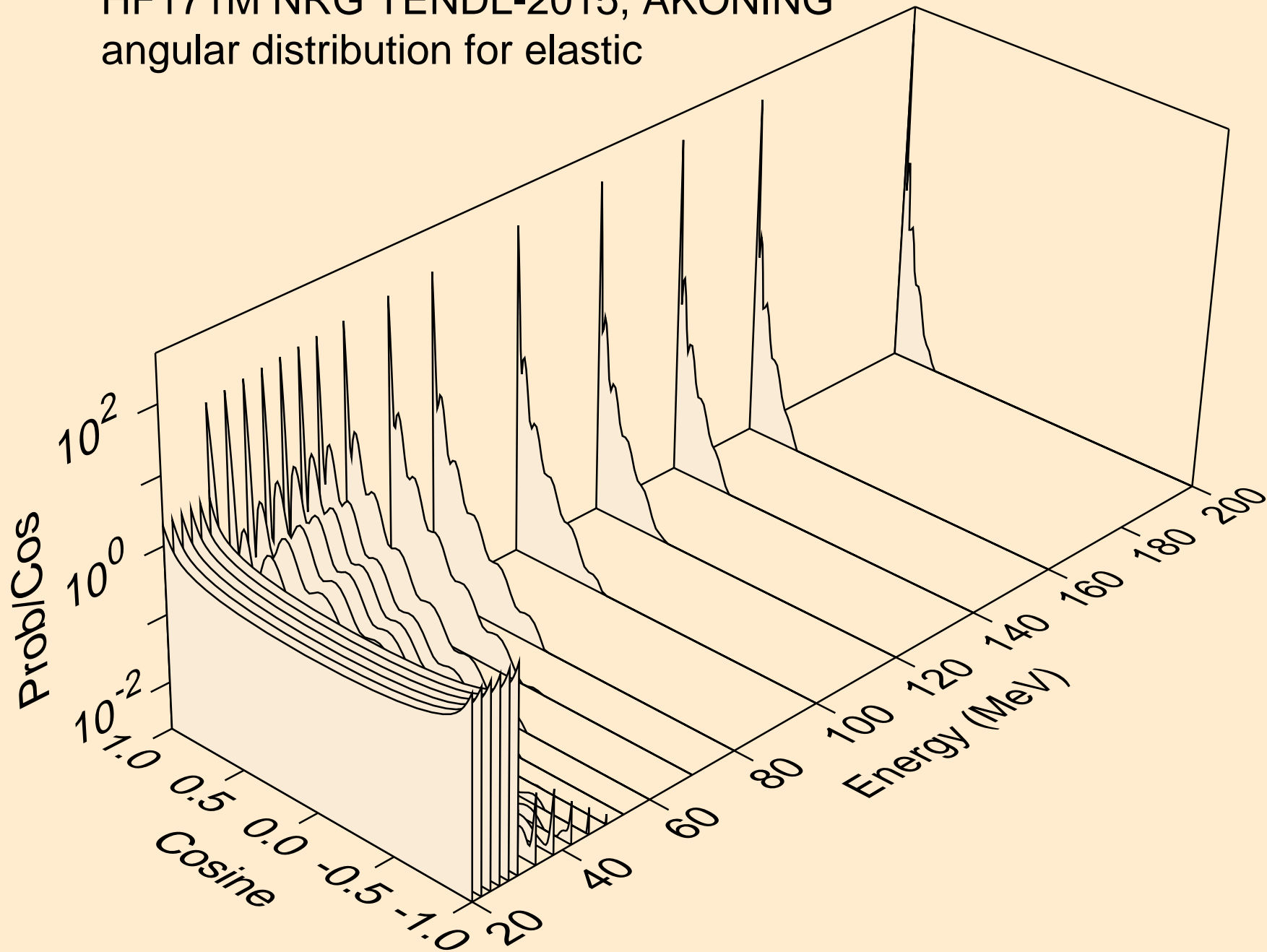


HF171M NRG TENDL-2015, AKONING  
angular distribution for elastic

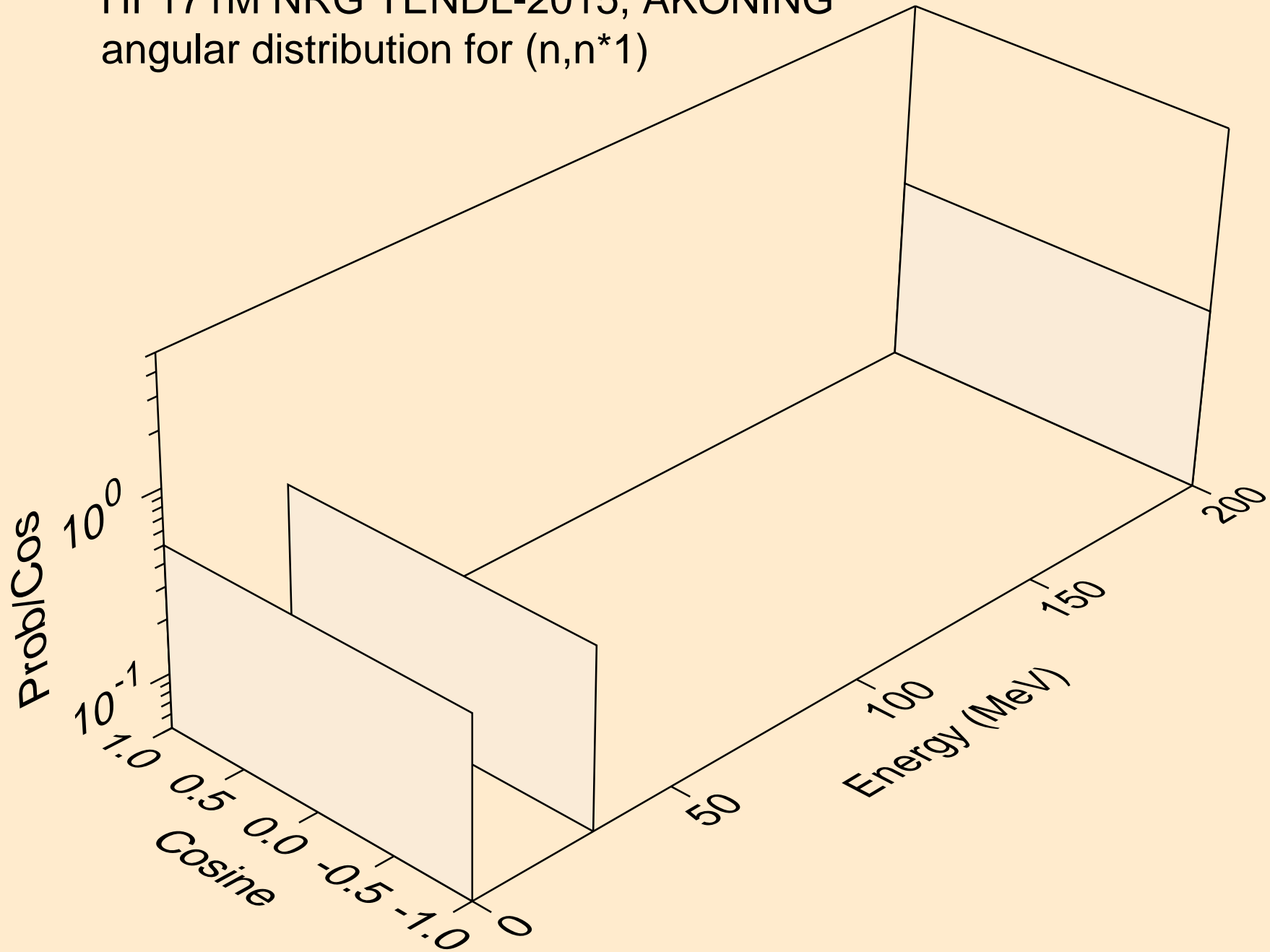




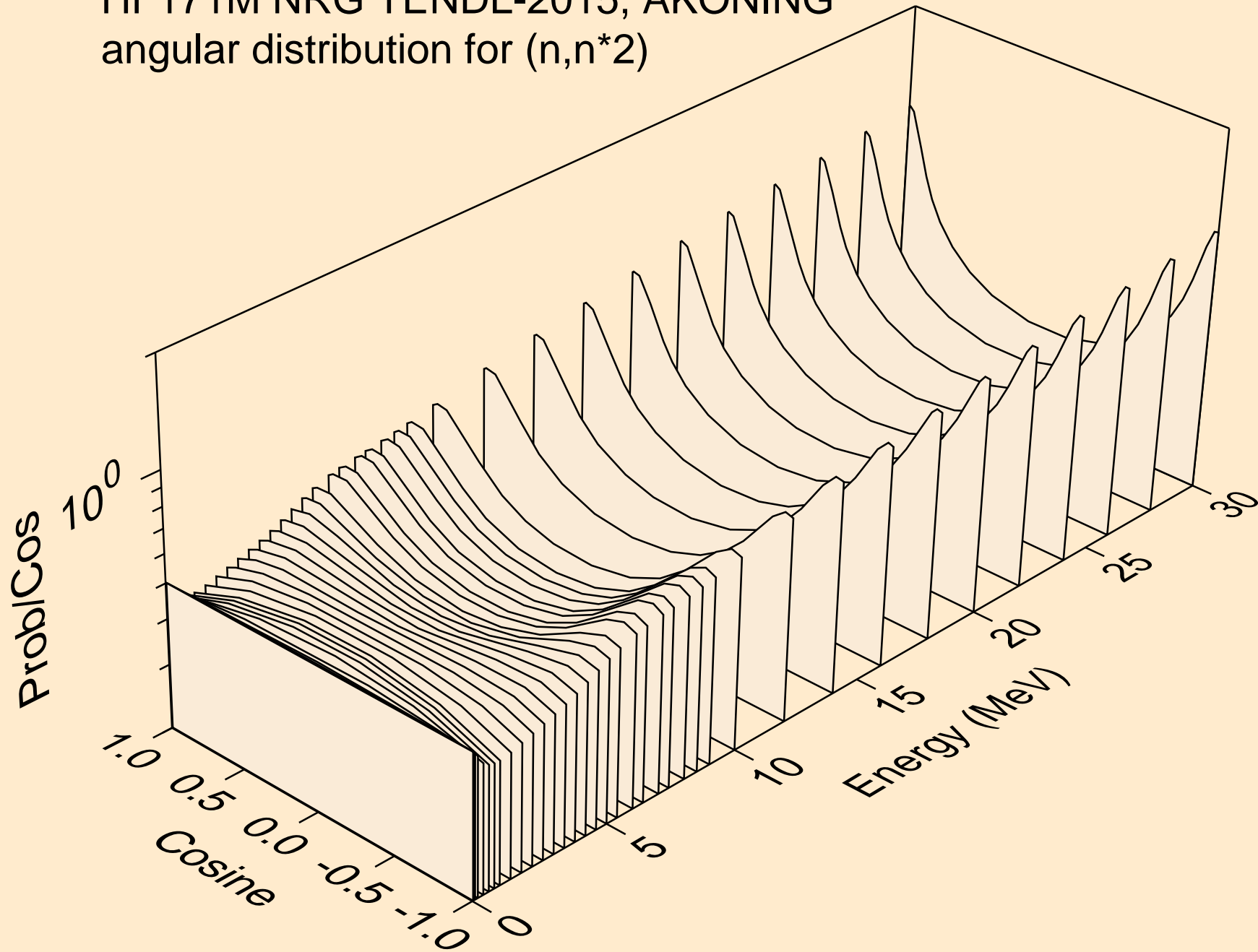
HF171M NRG TENDL-2015, AKONING  
angular distribution for elastic



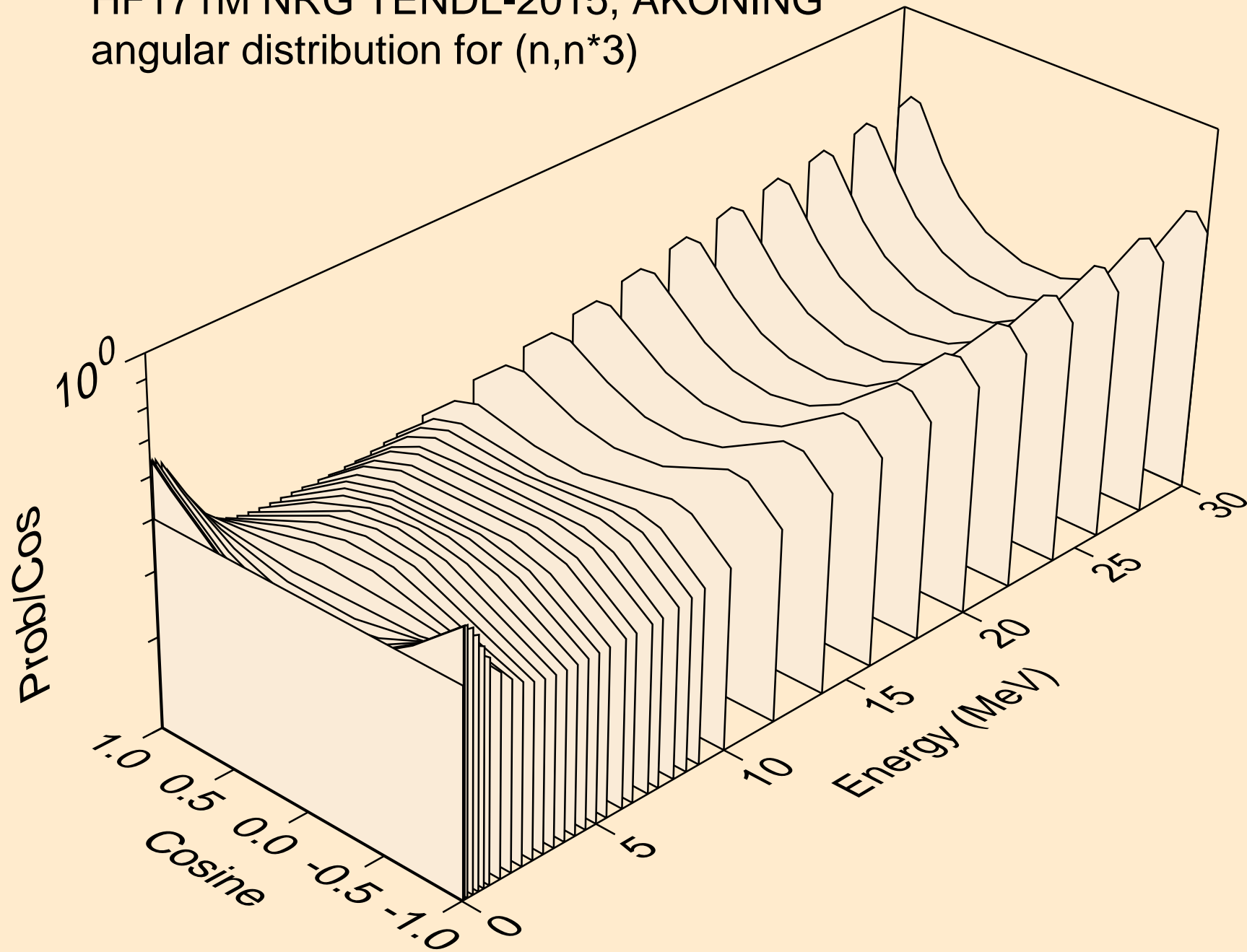
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



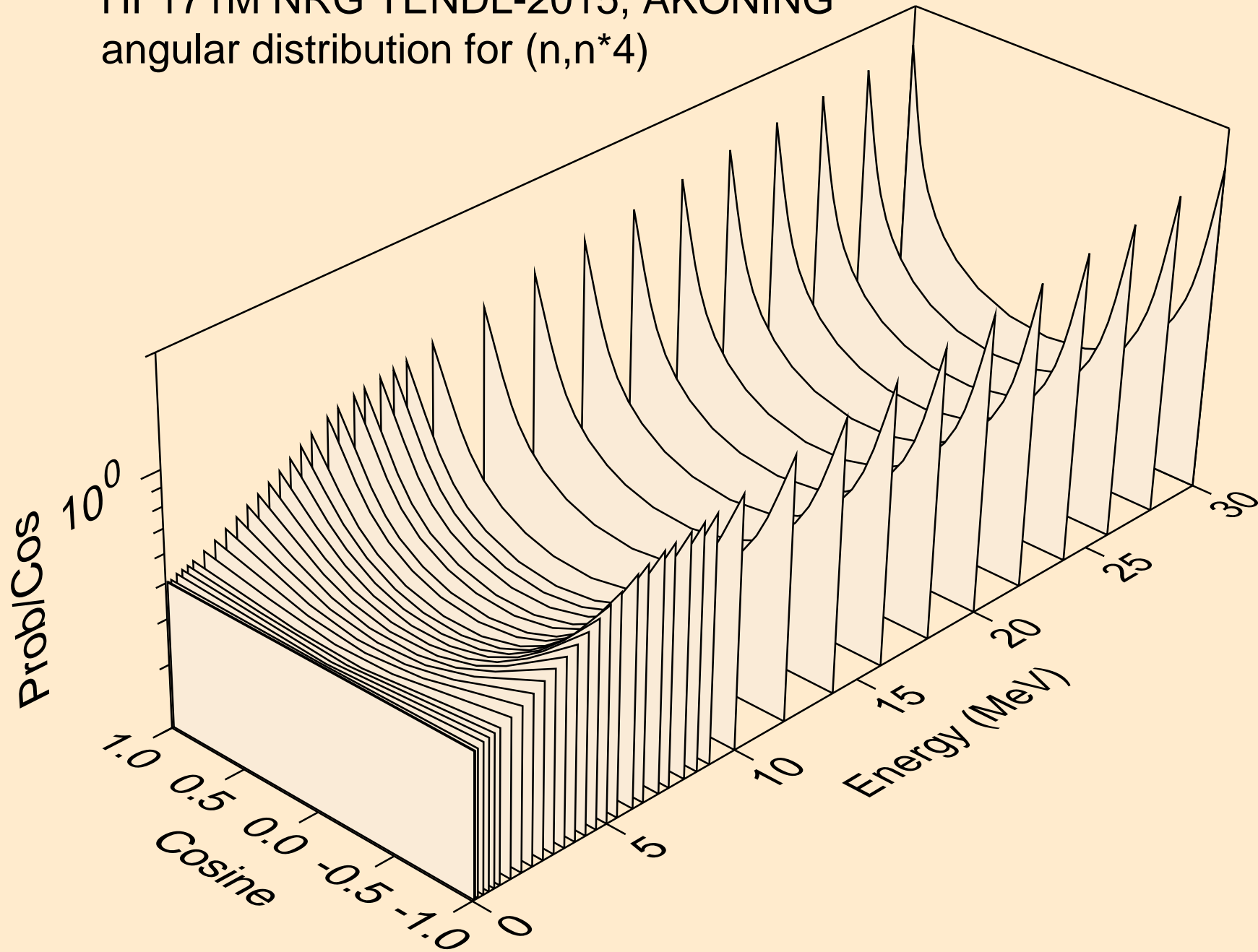
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



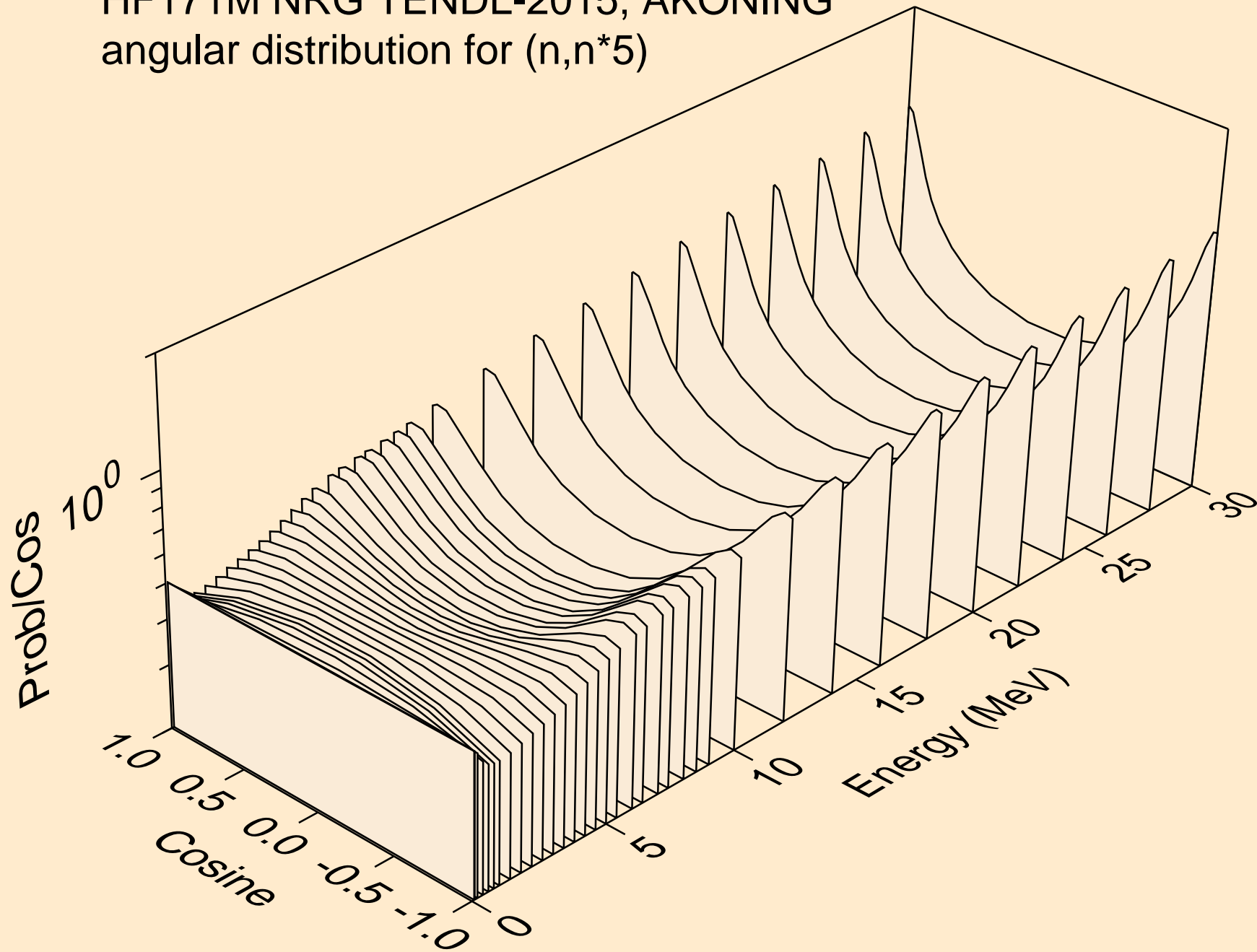
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



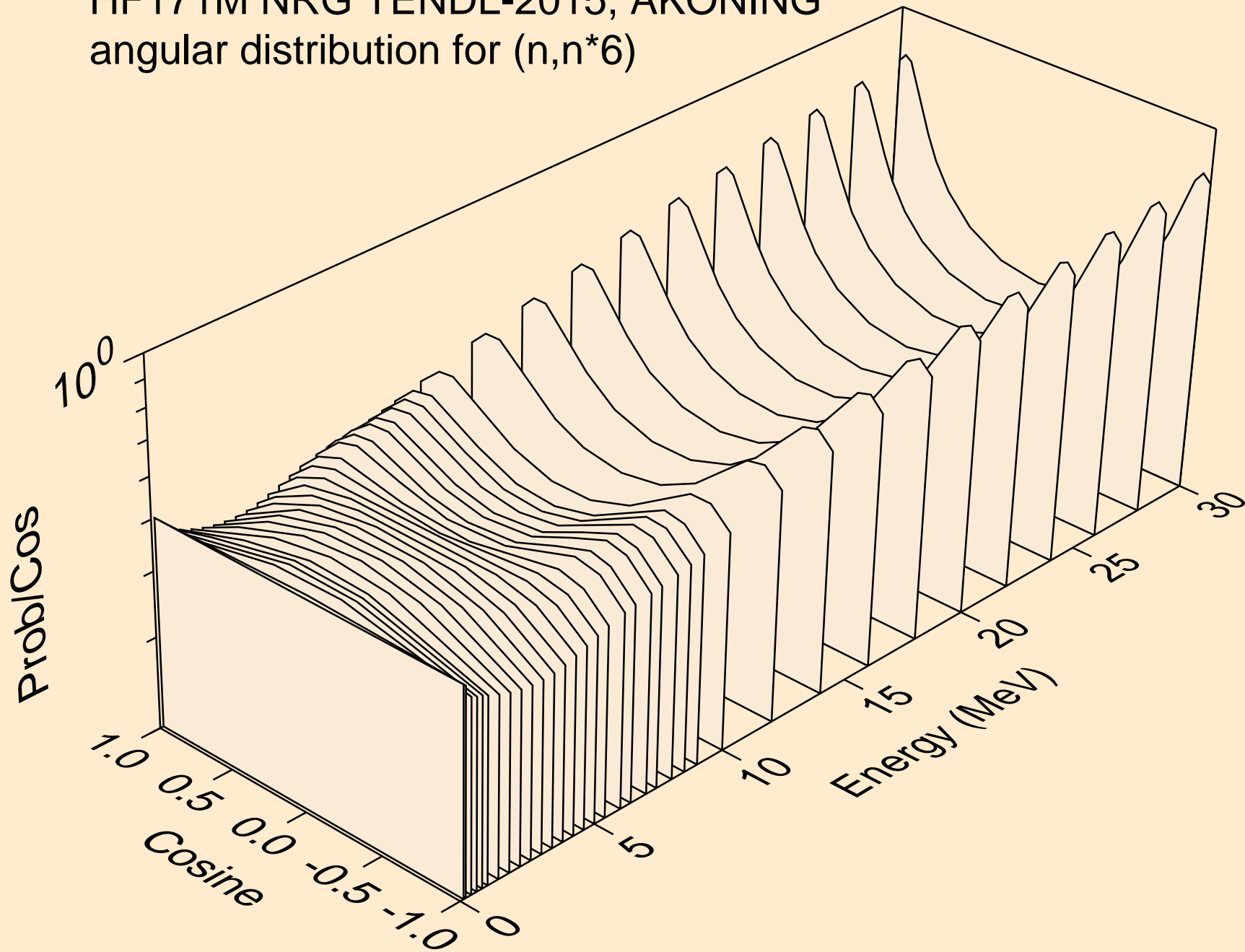
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



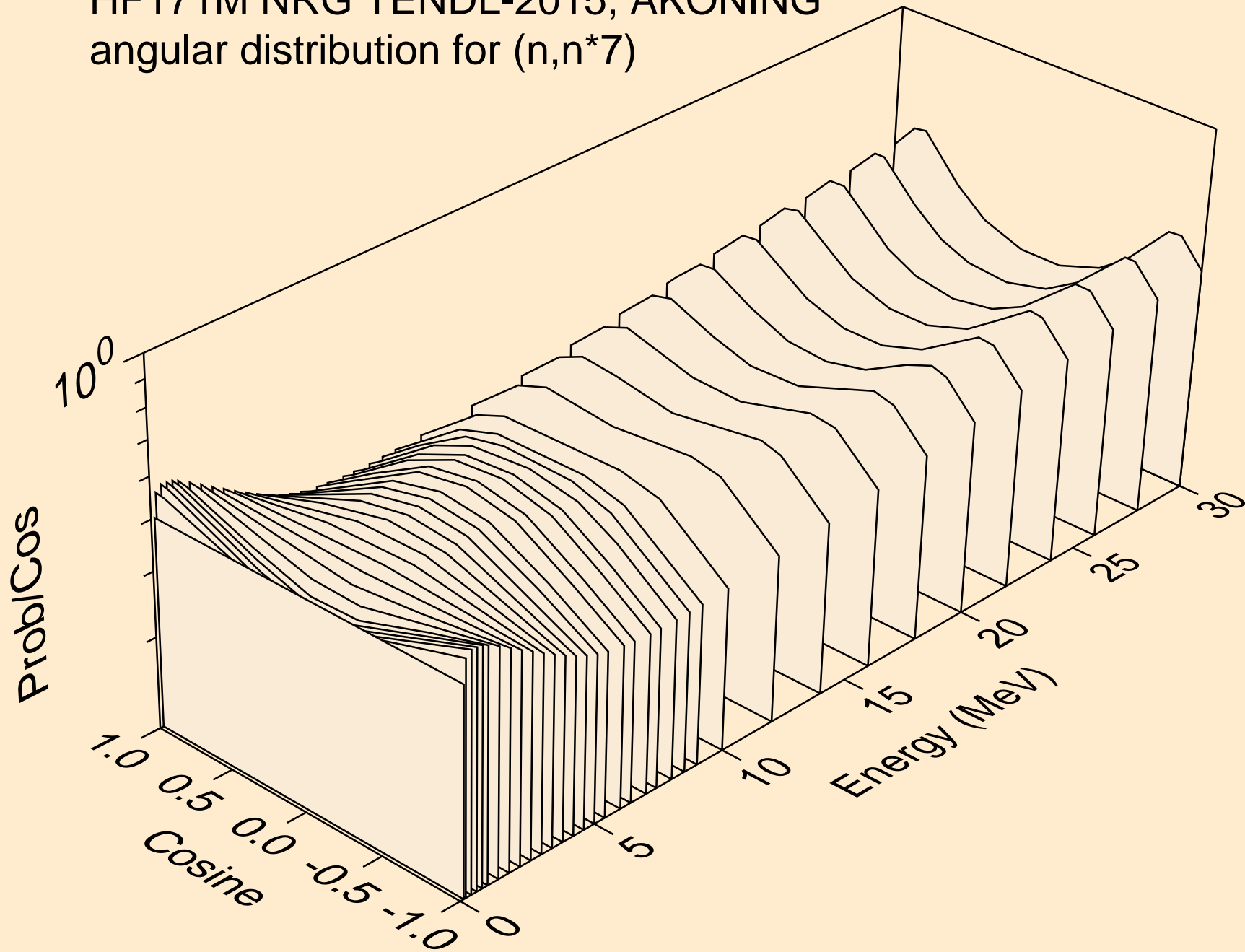
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

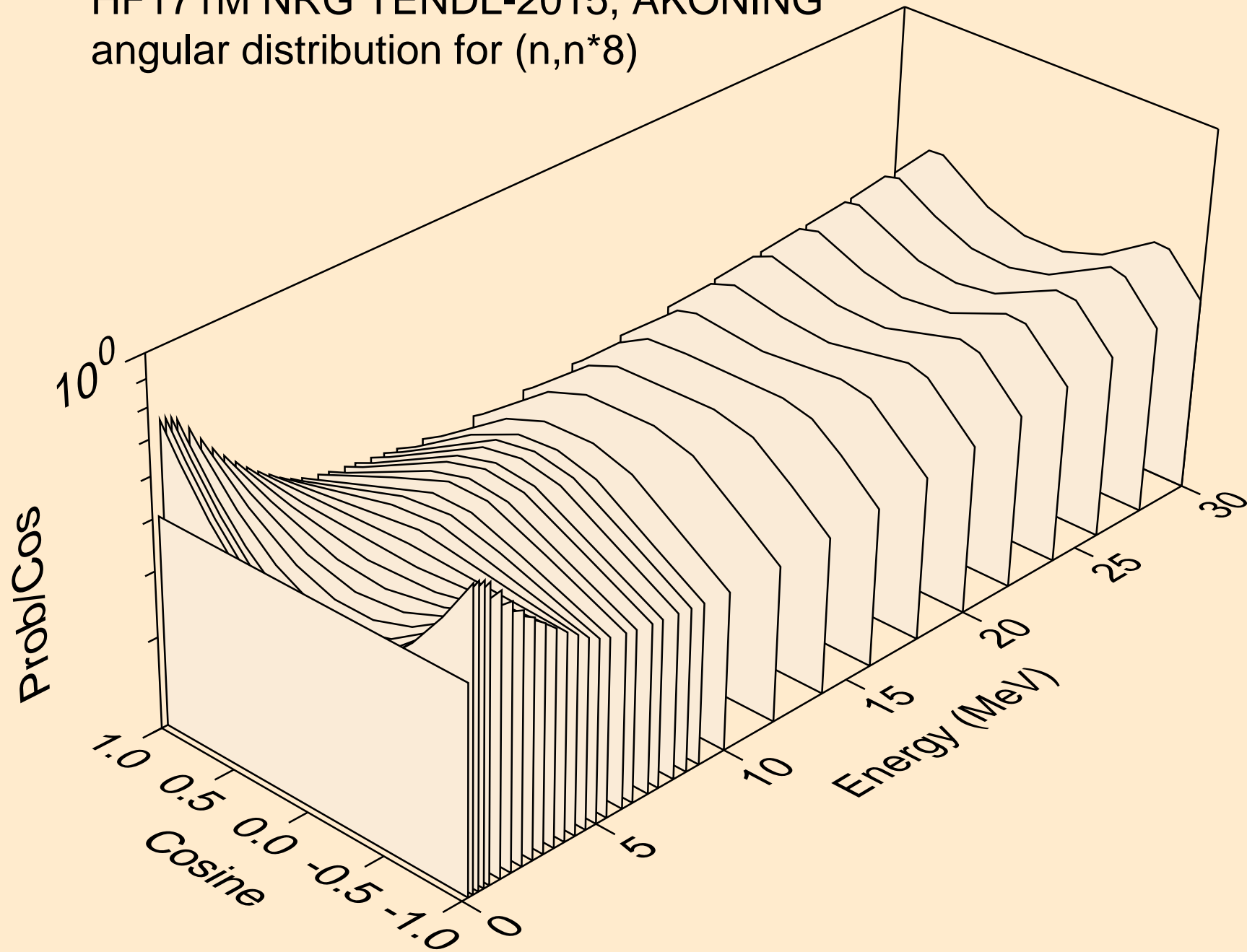


HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

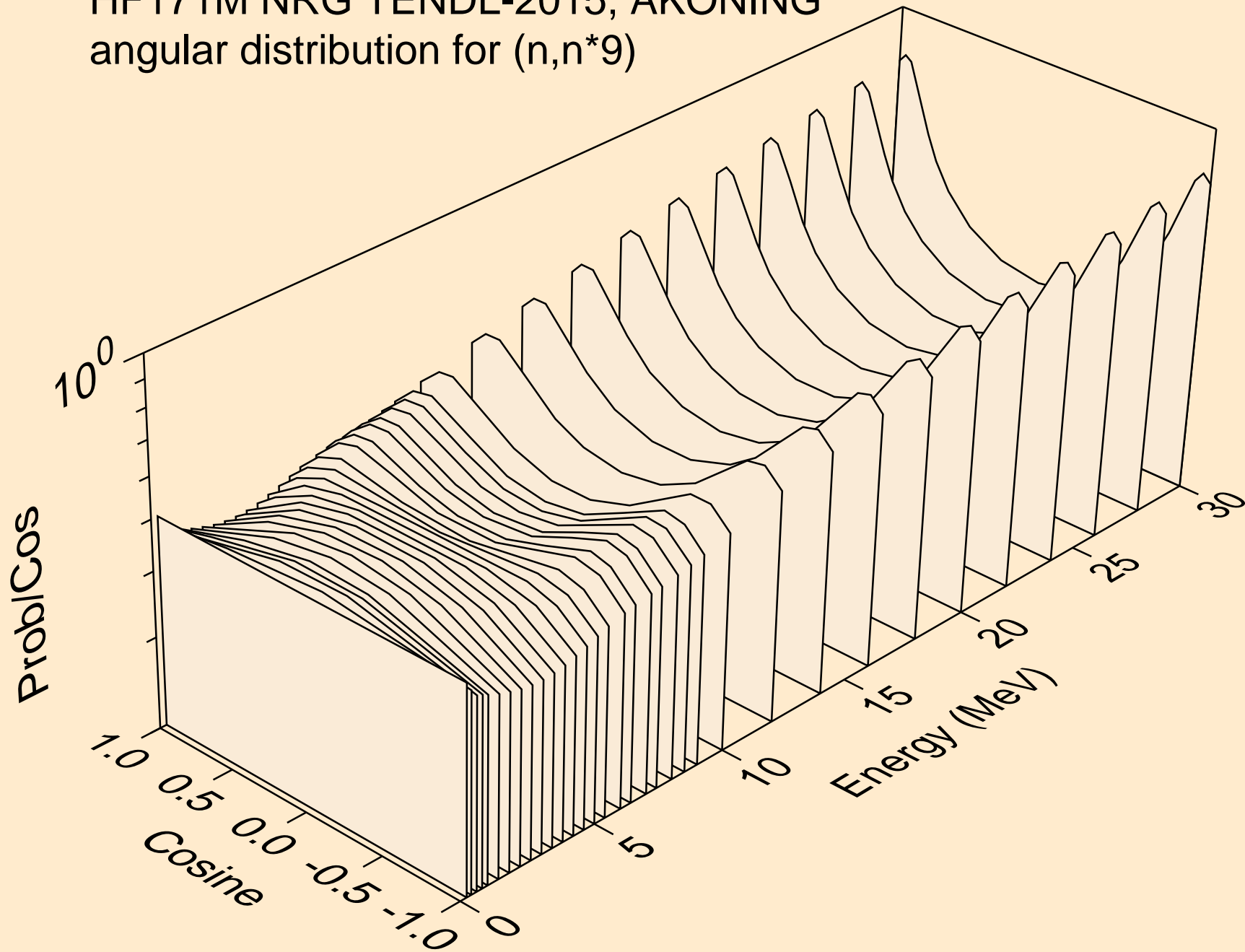




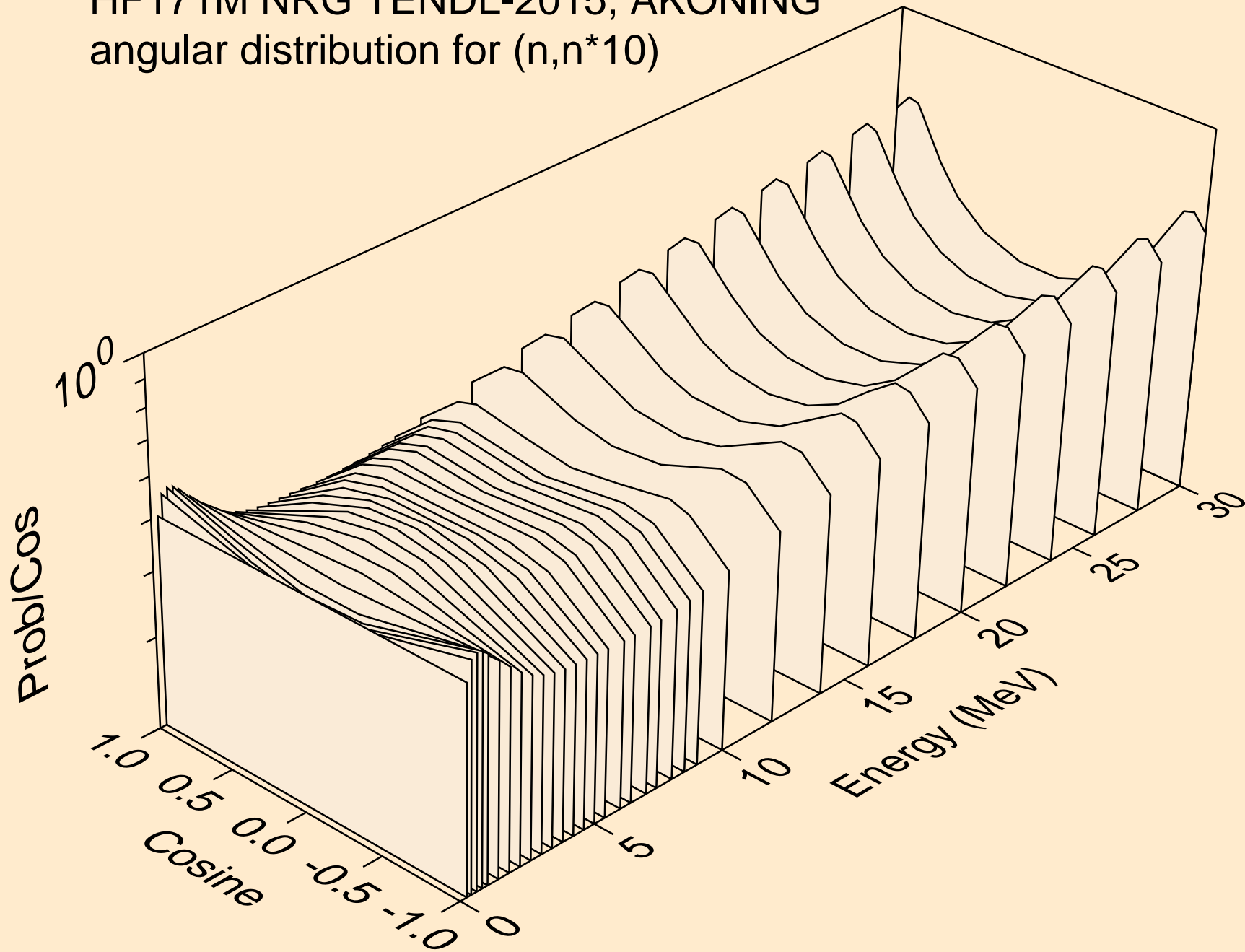
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



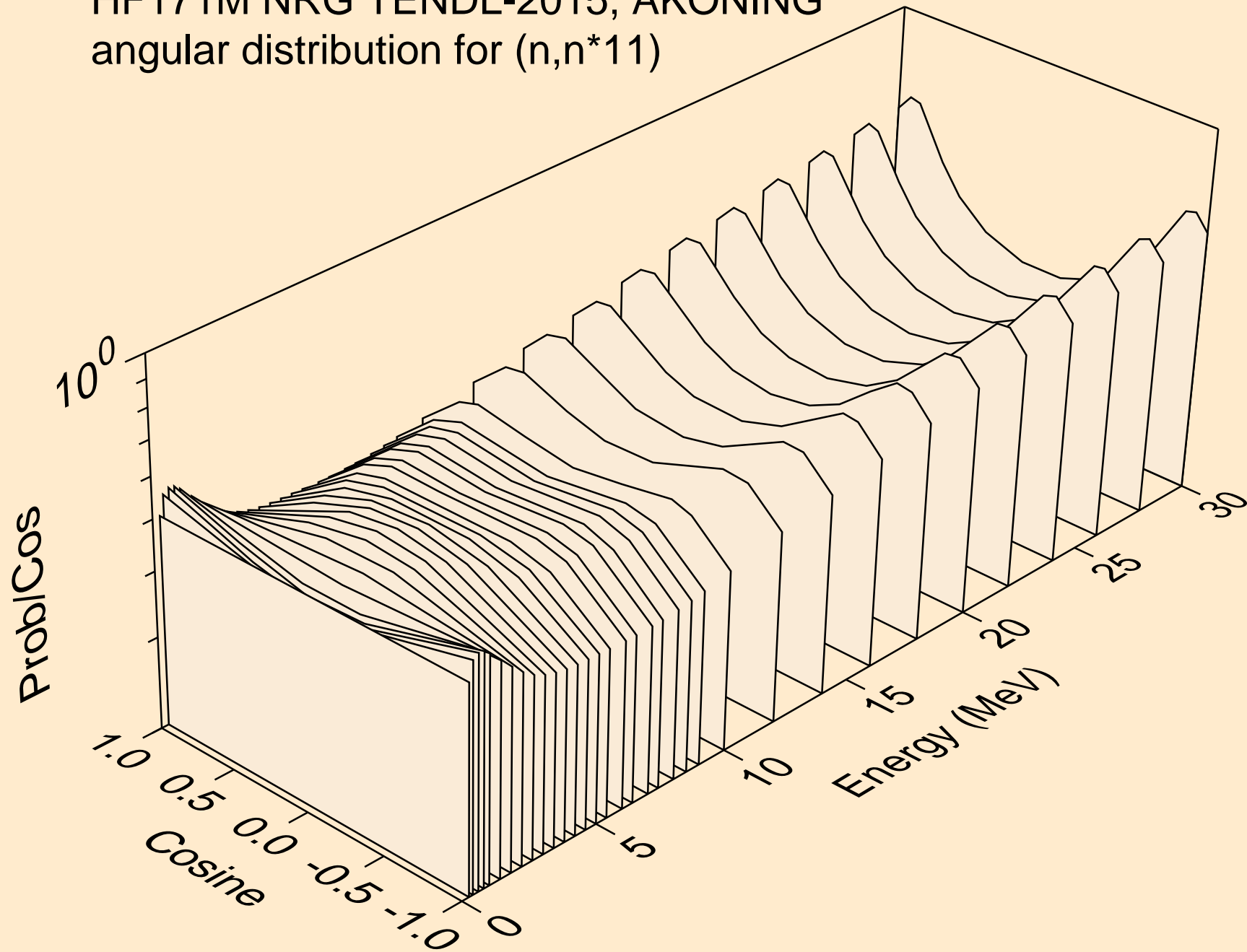
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



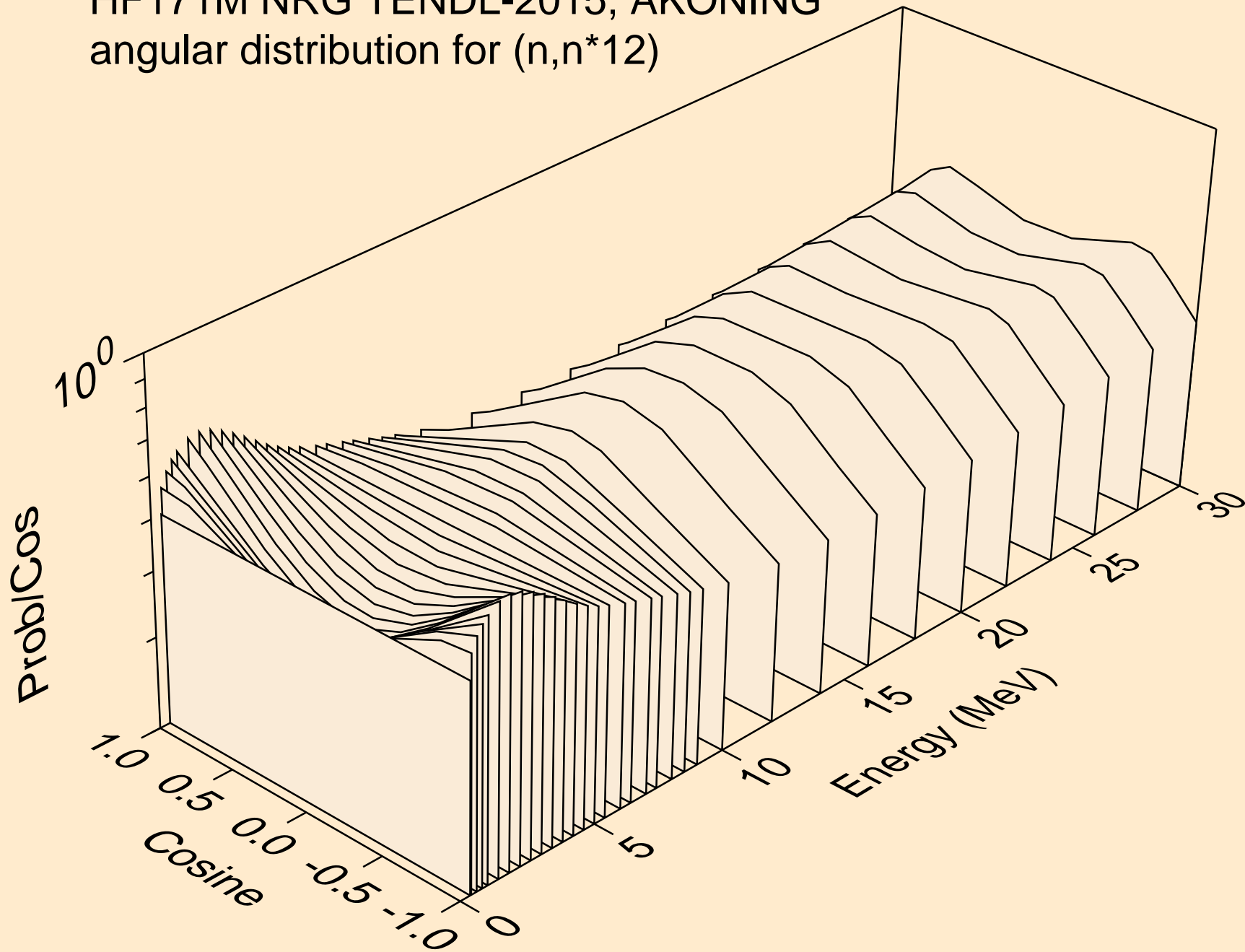
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



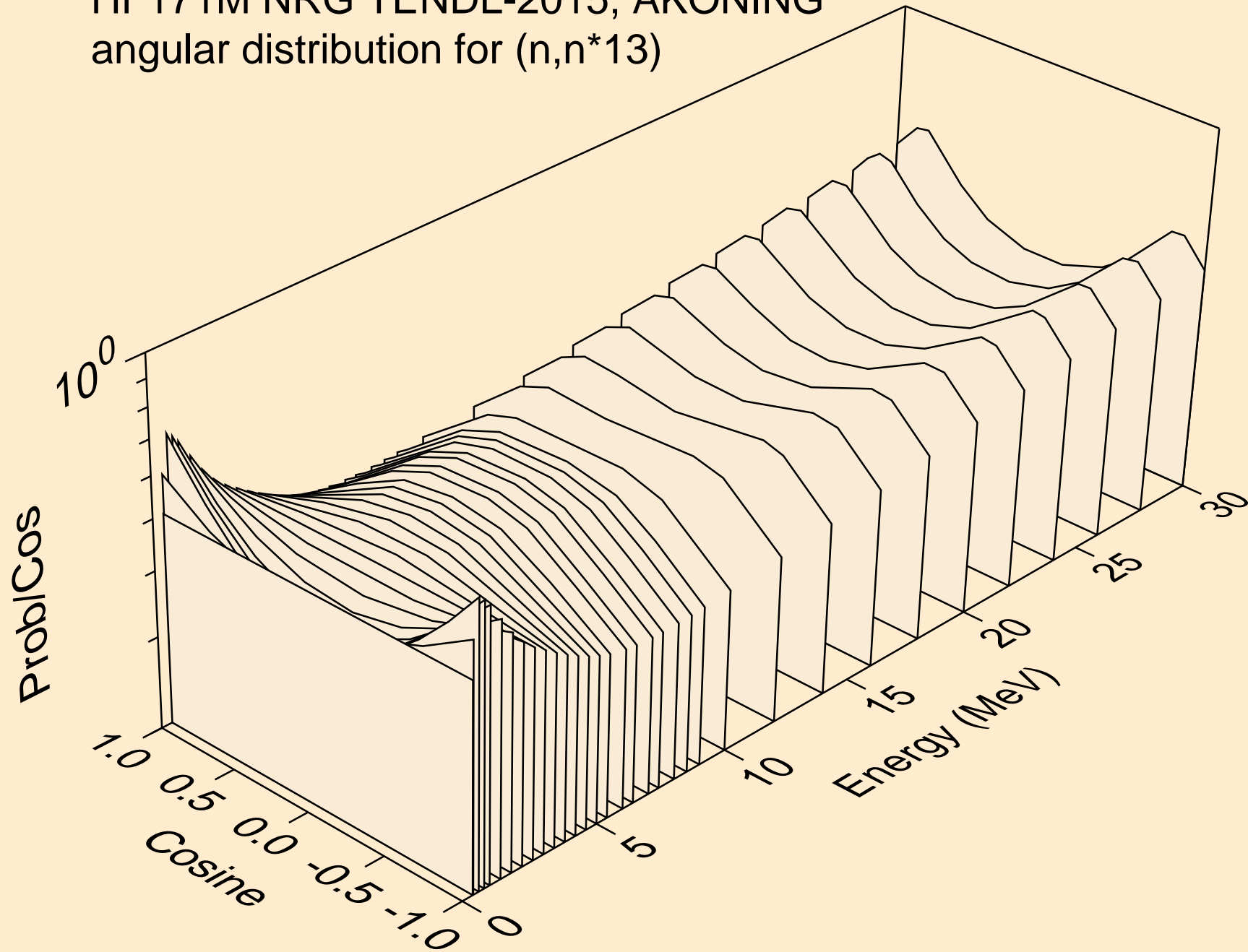
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angular distribution for (n,n\*11)



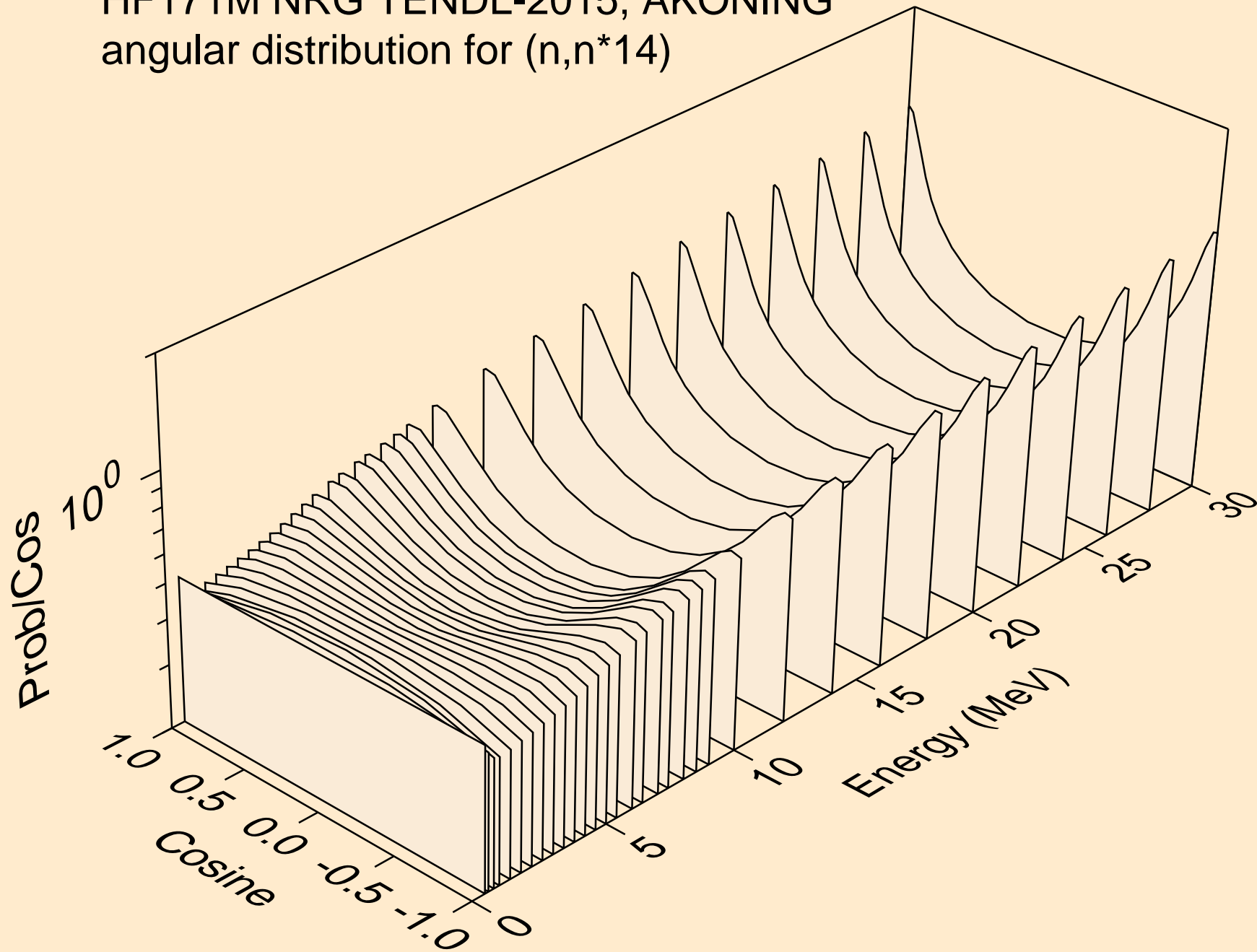
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



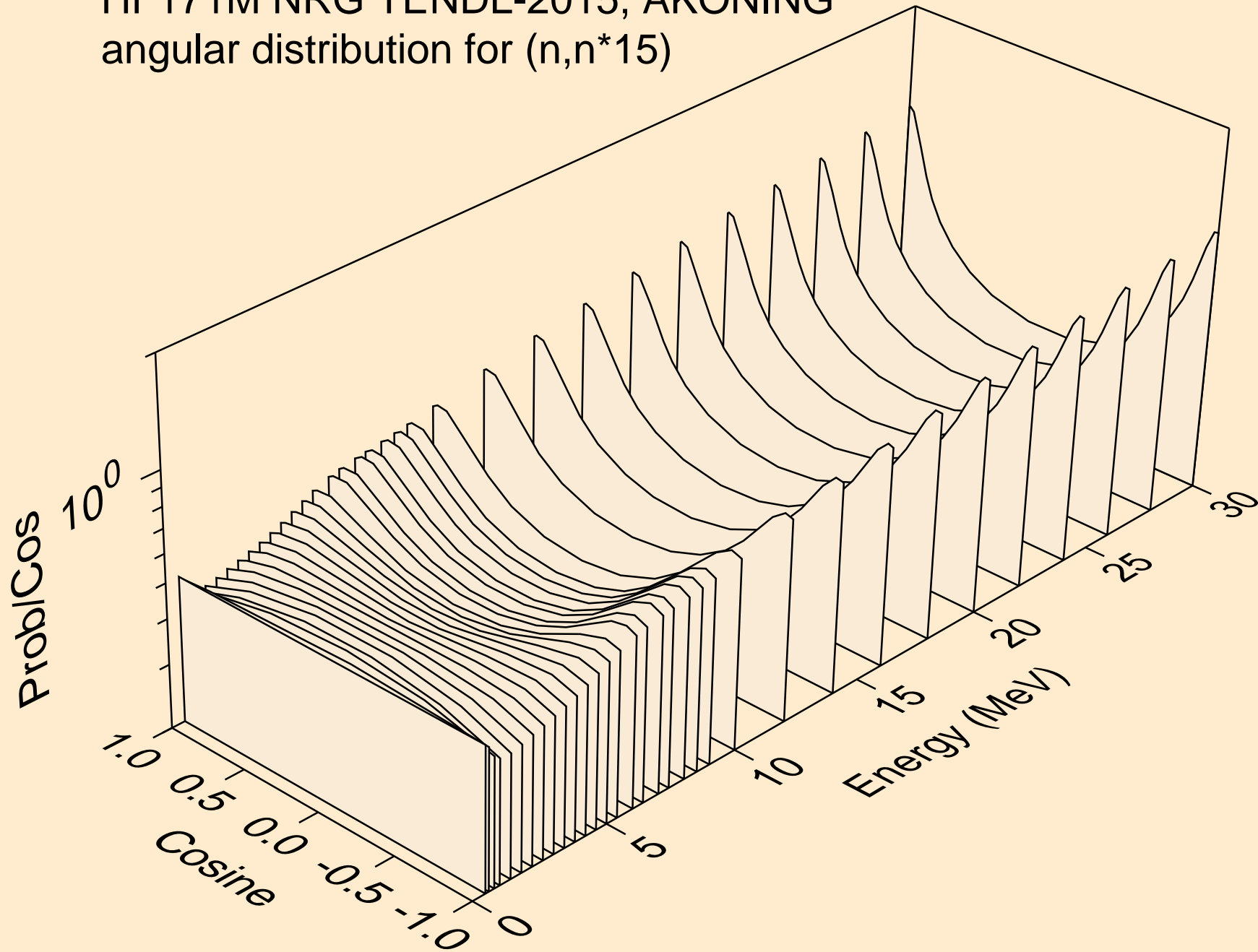
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

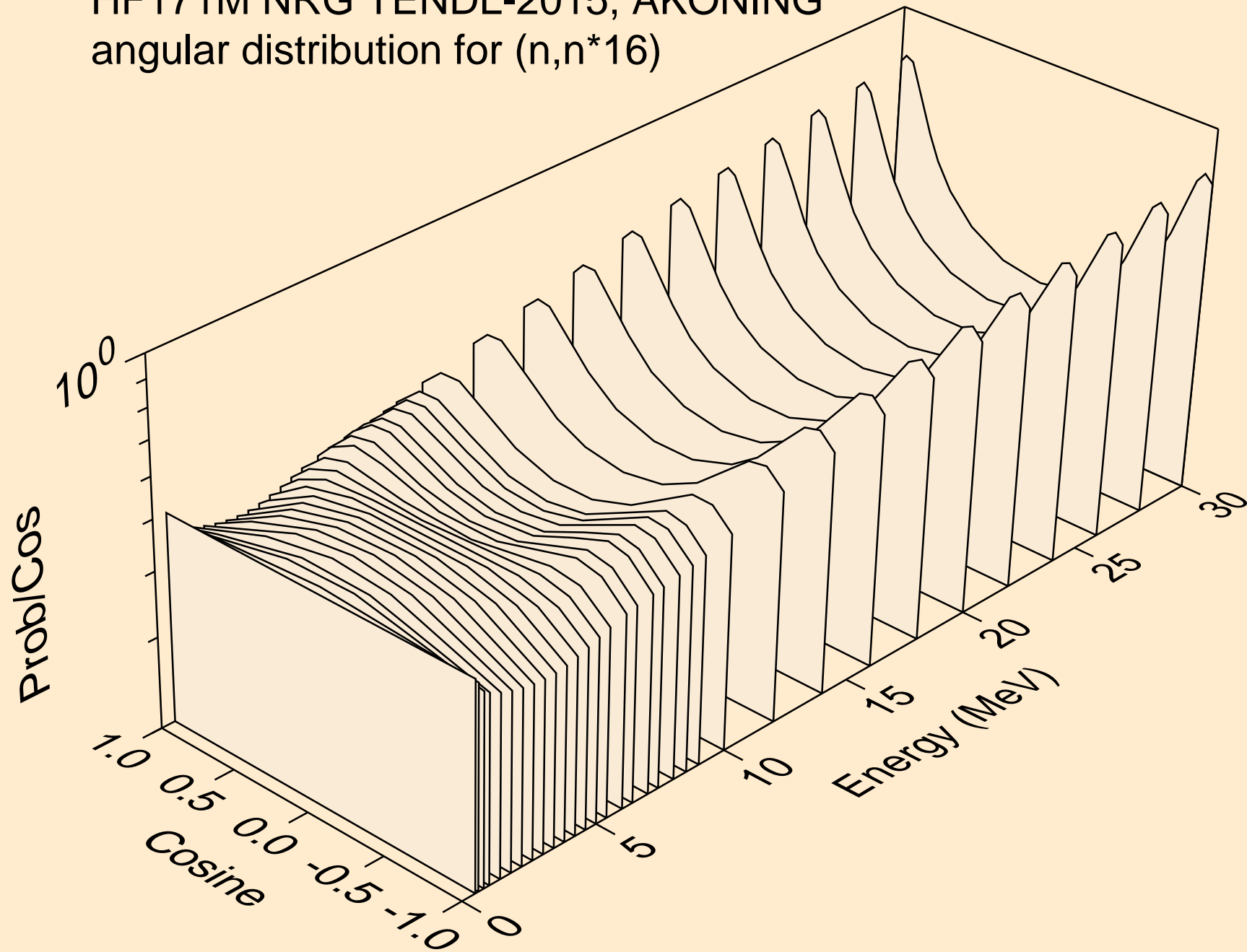


HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

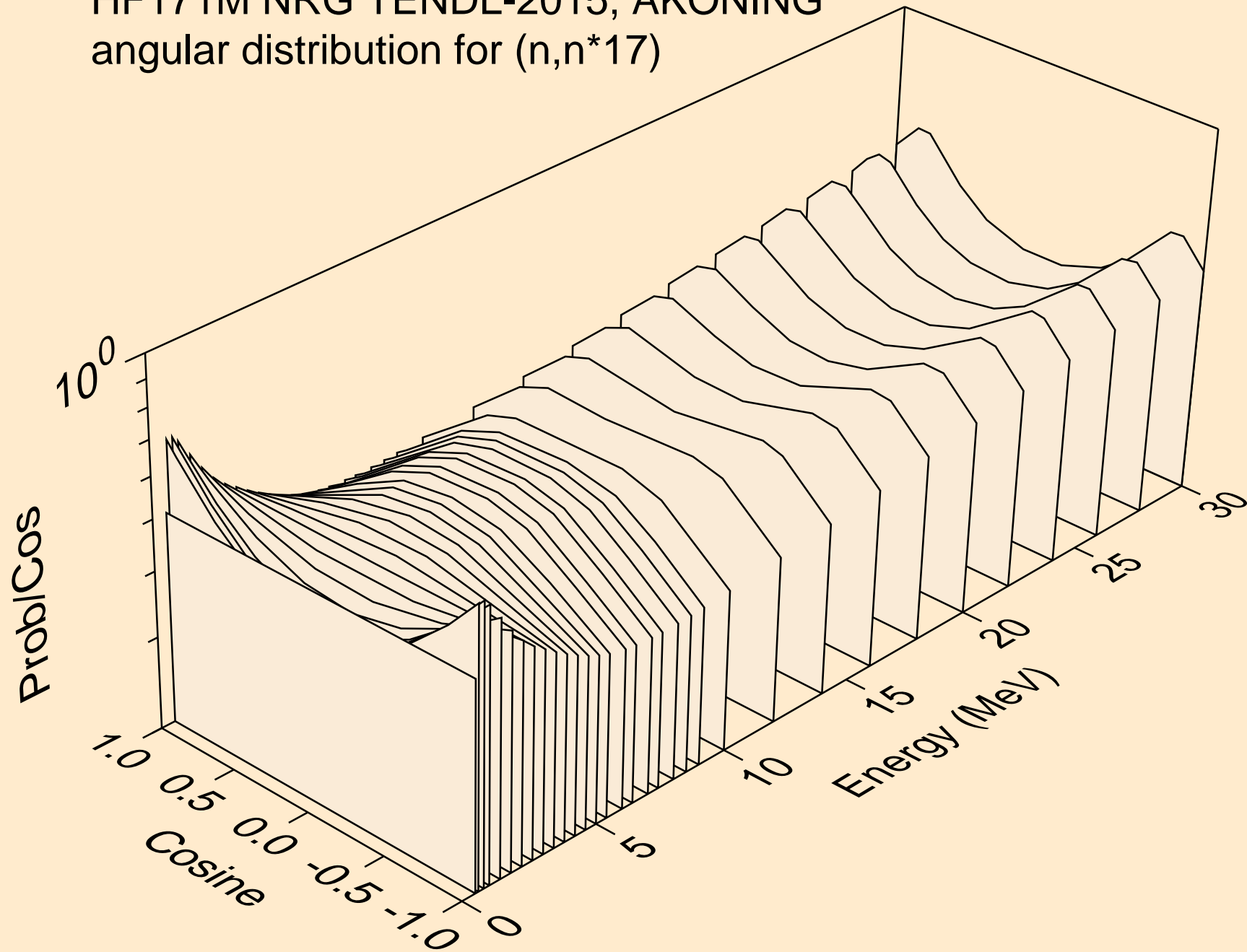




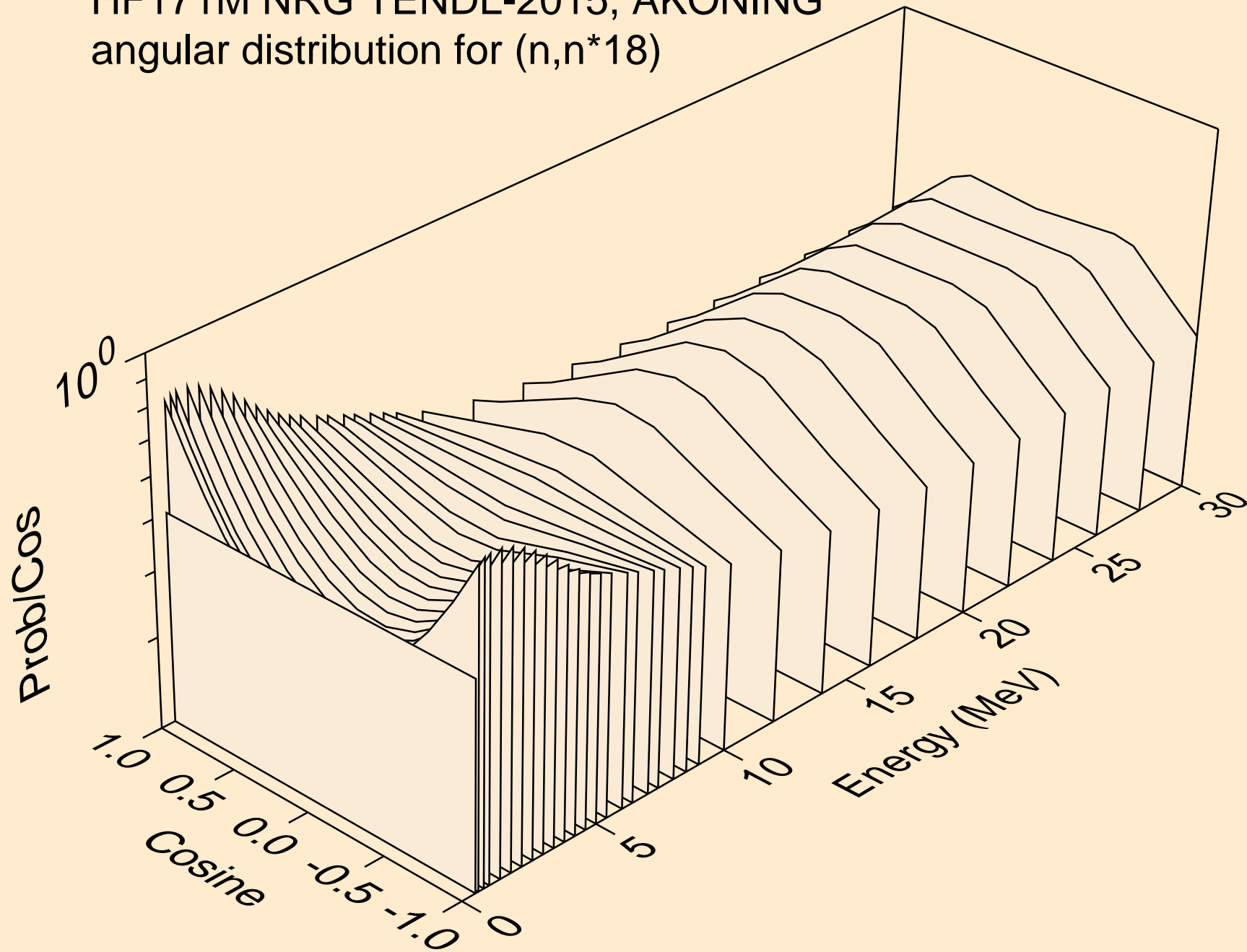
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



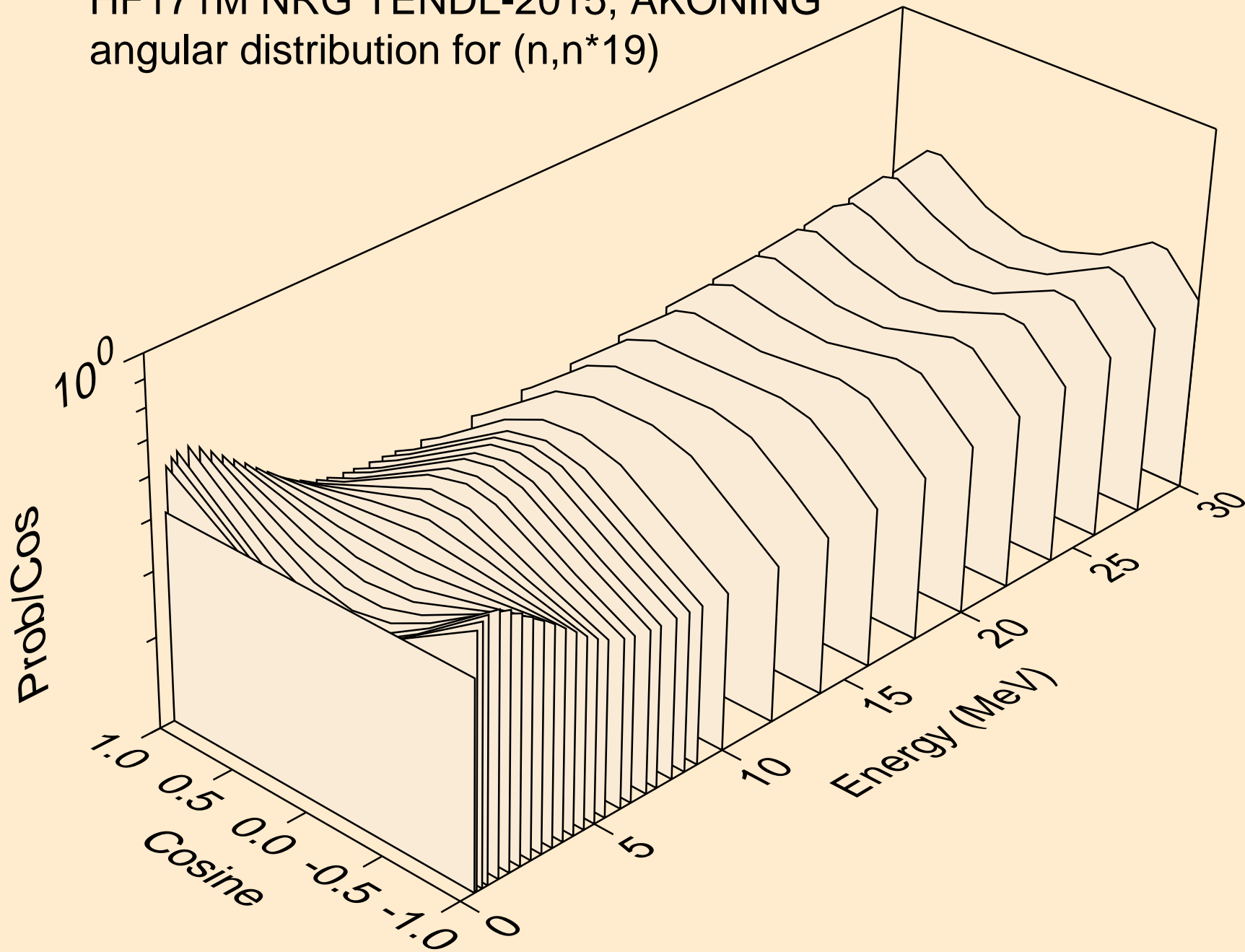
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



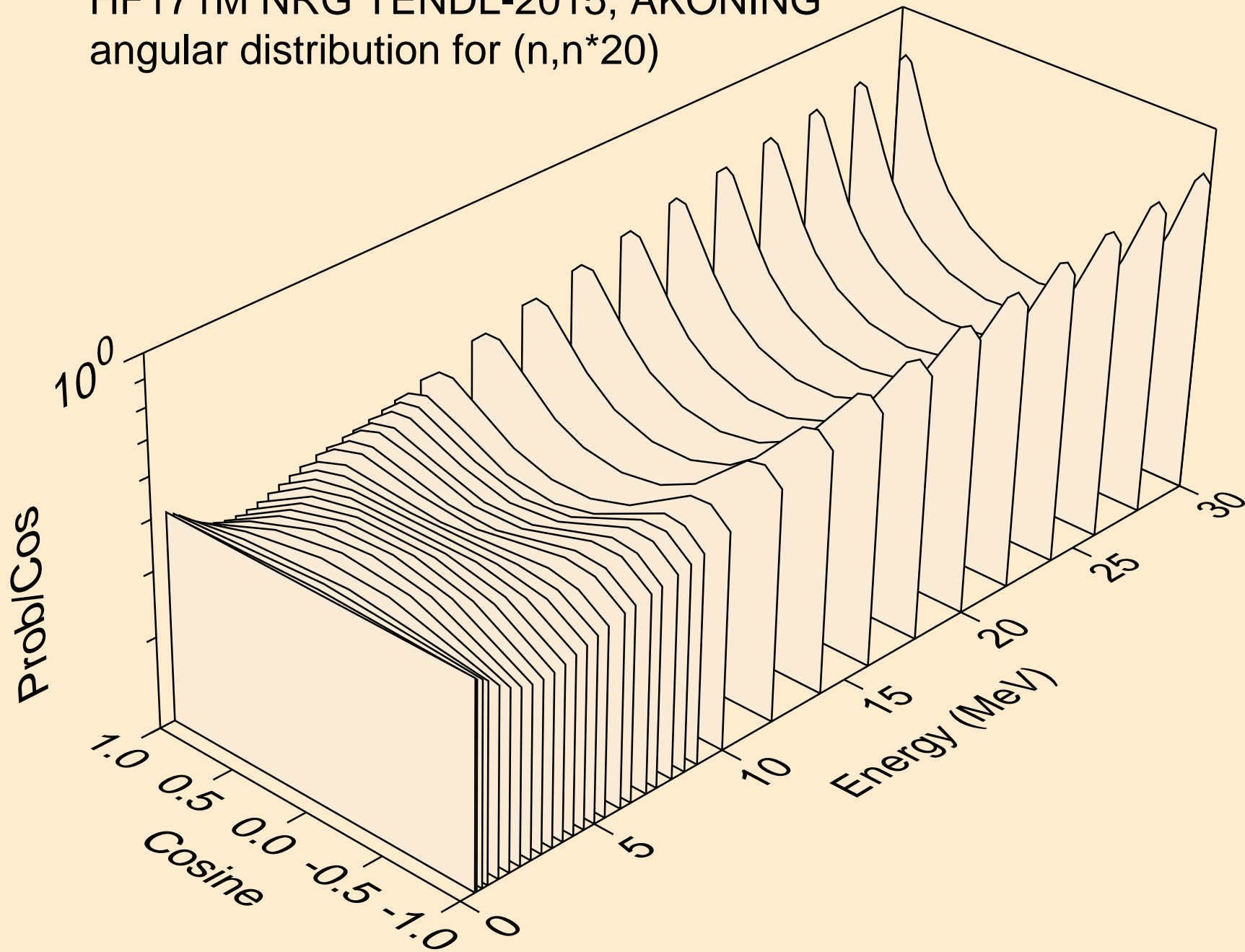
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



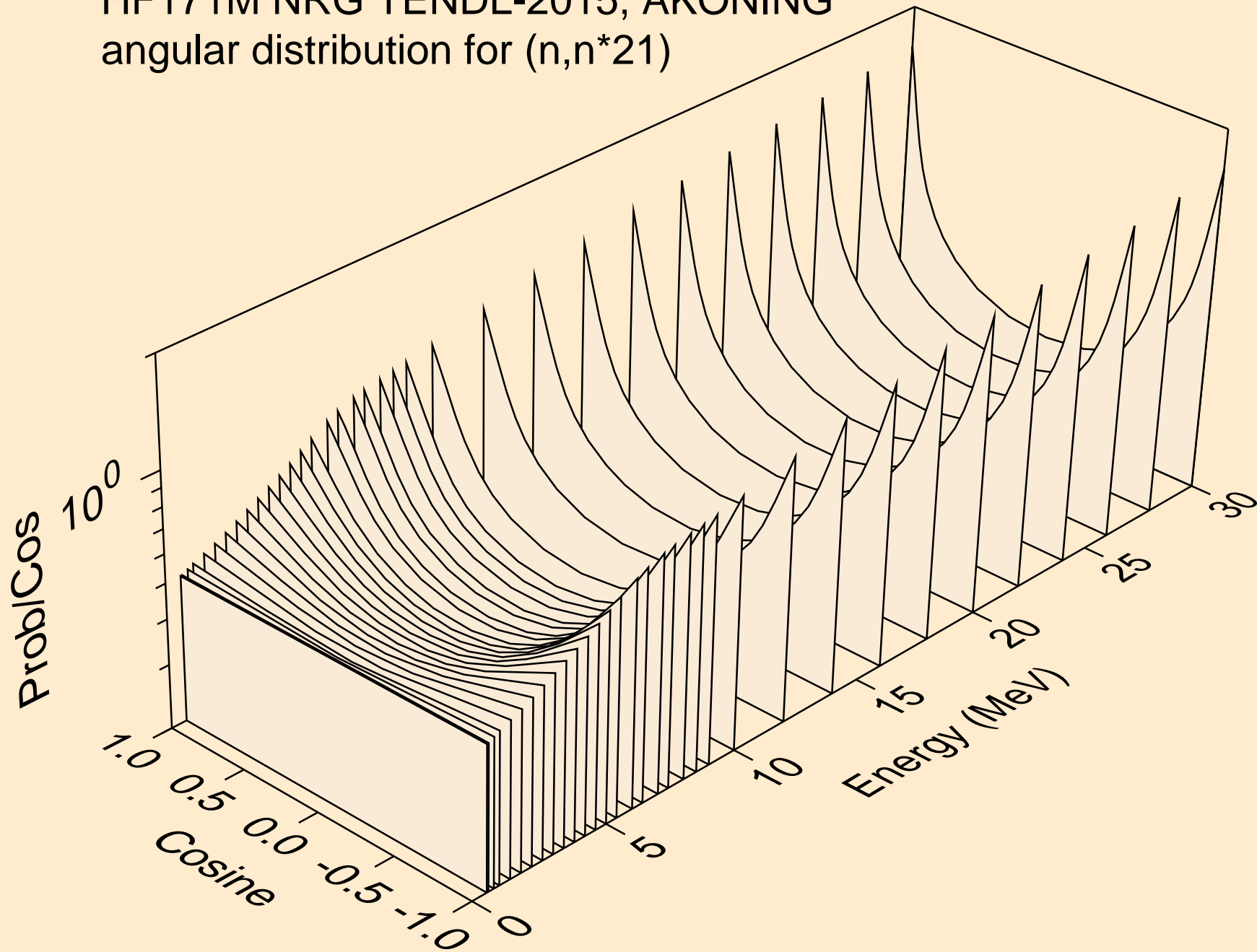
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



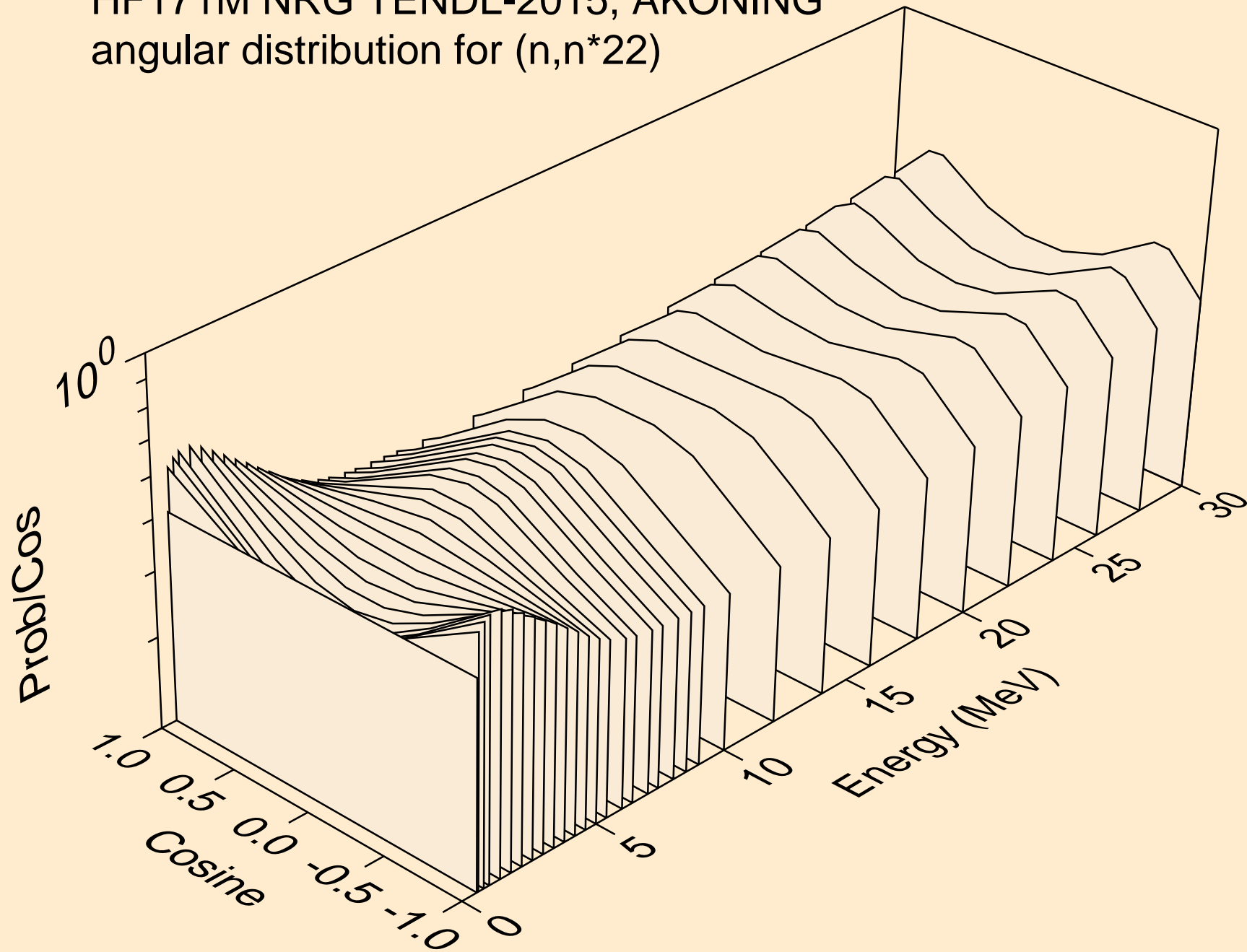
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



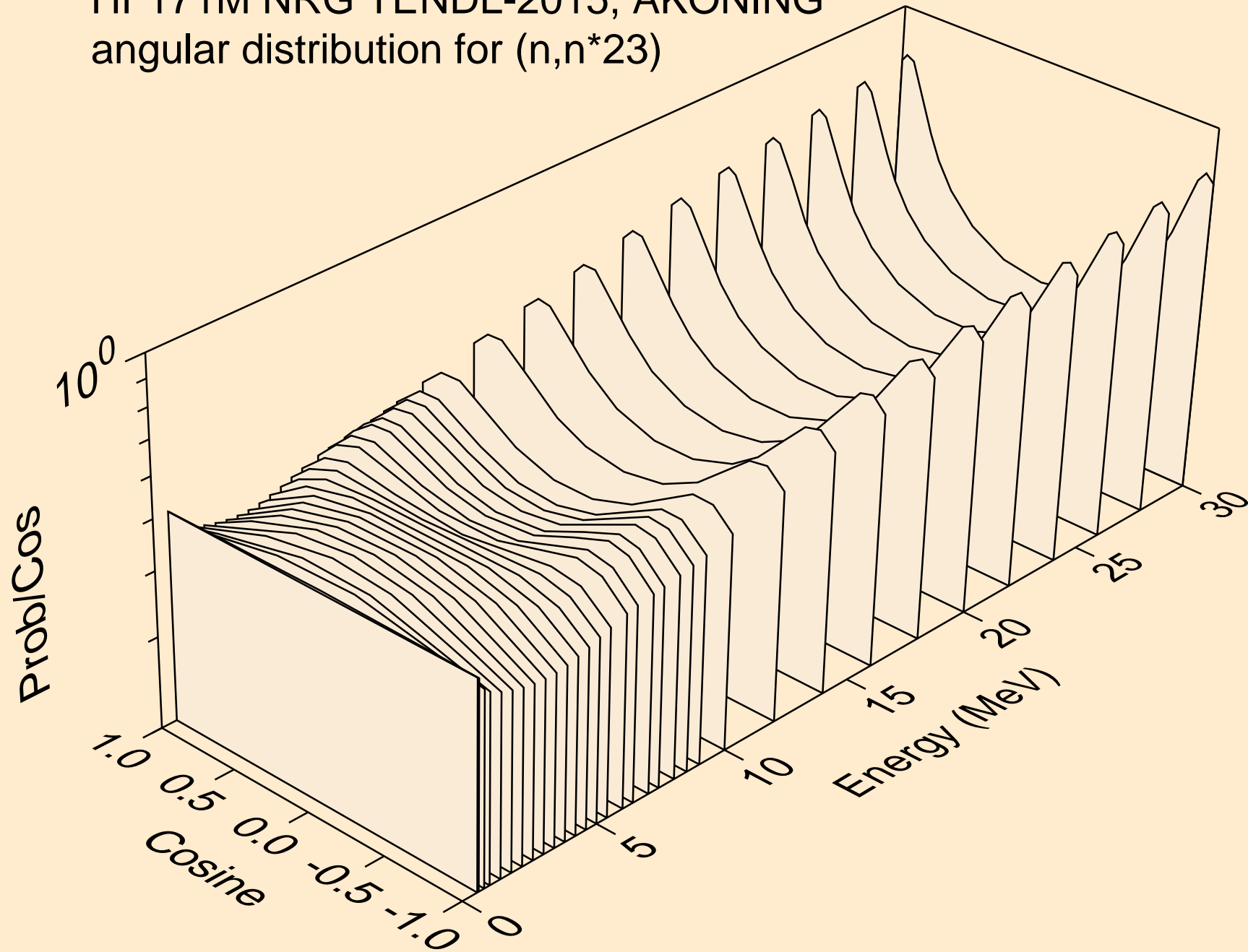
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

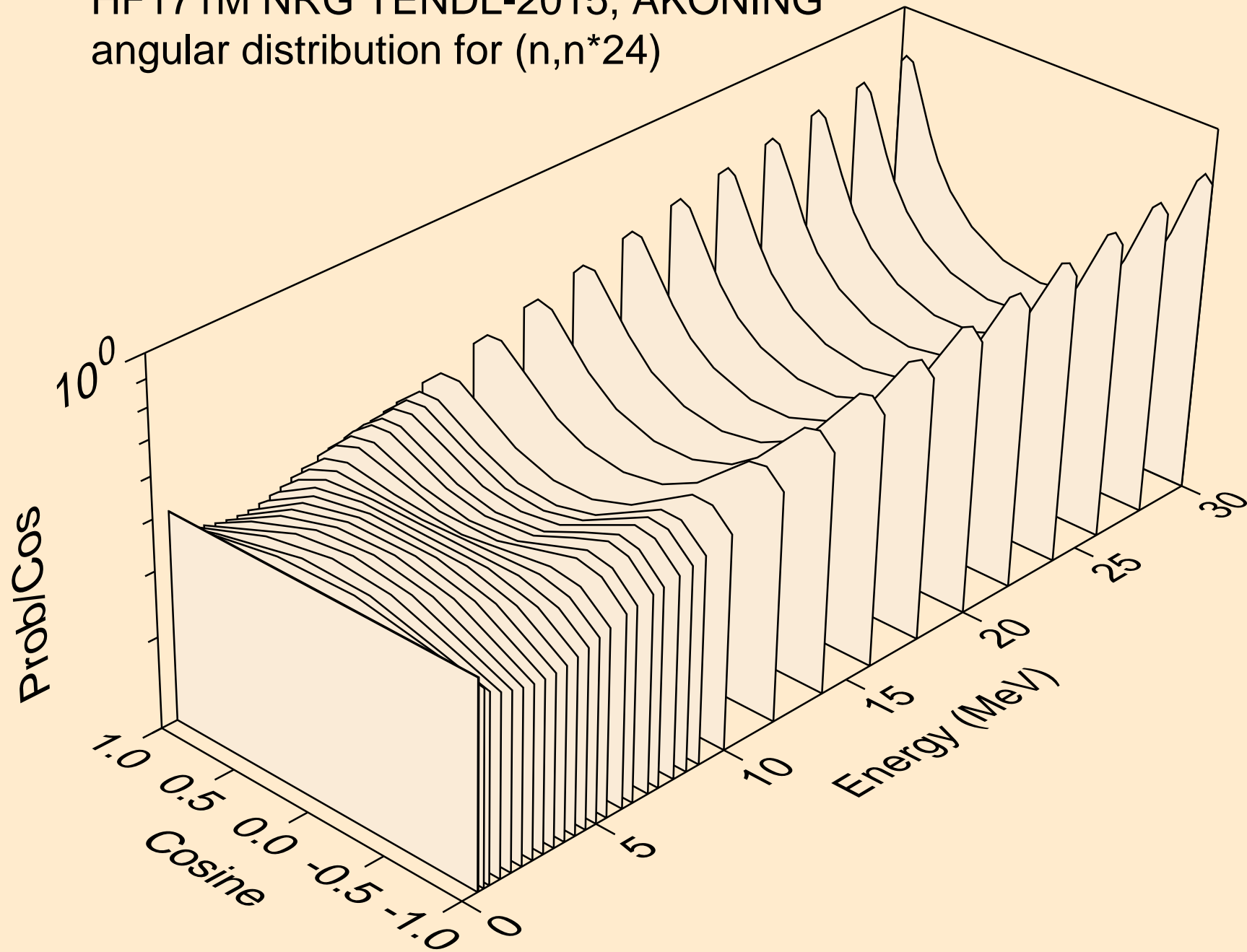


HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

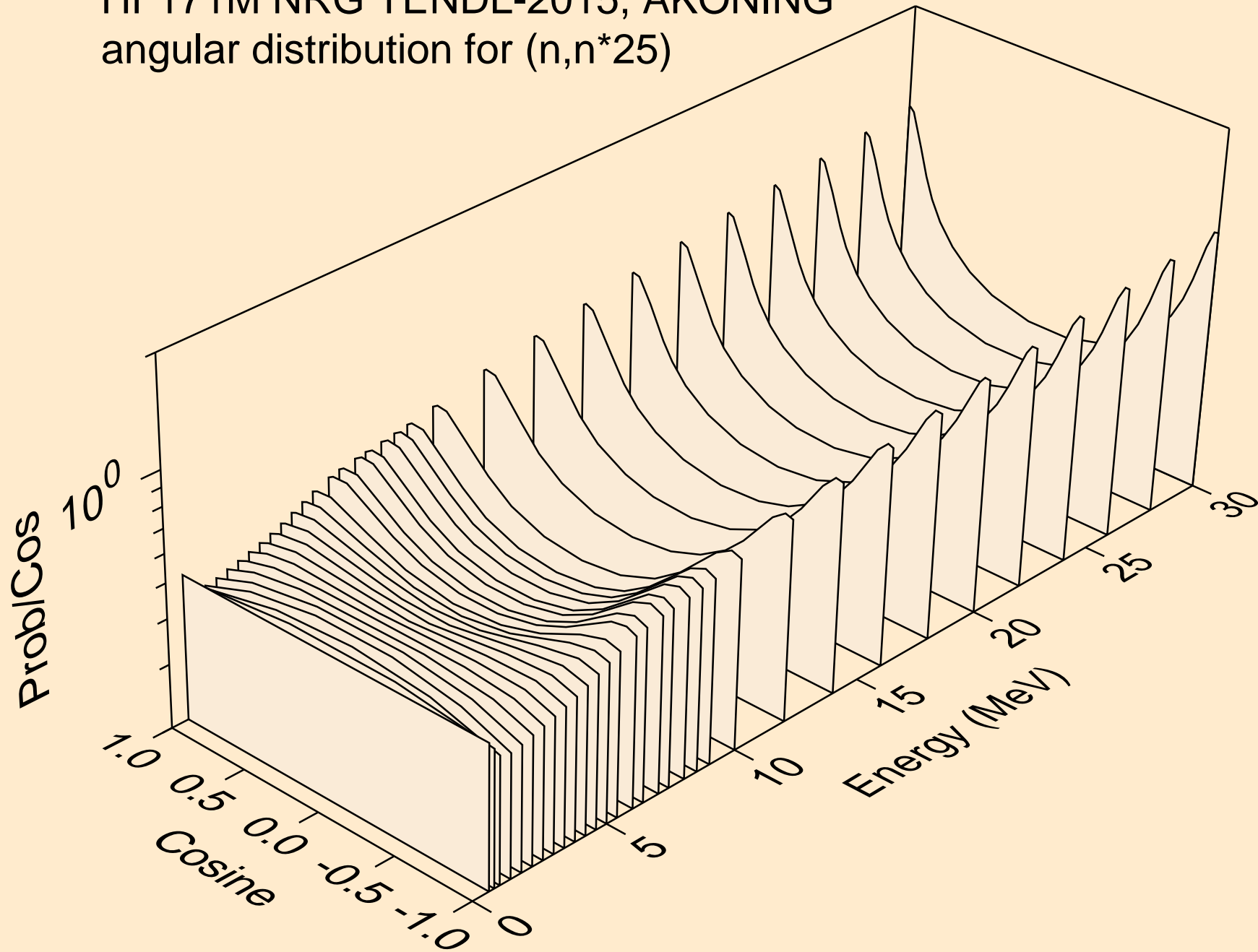




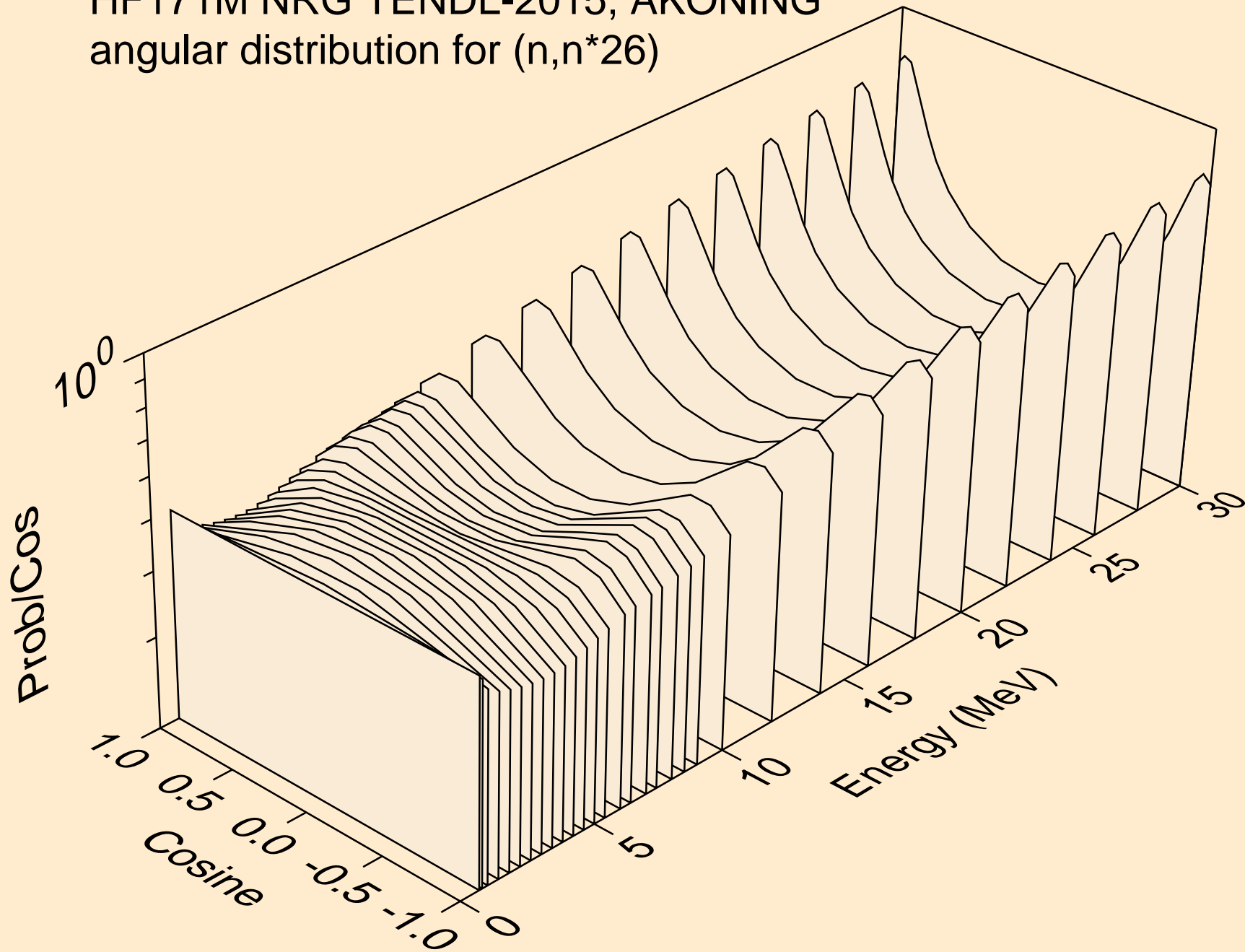
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



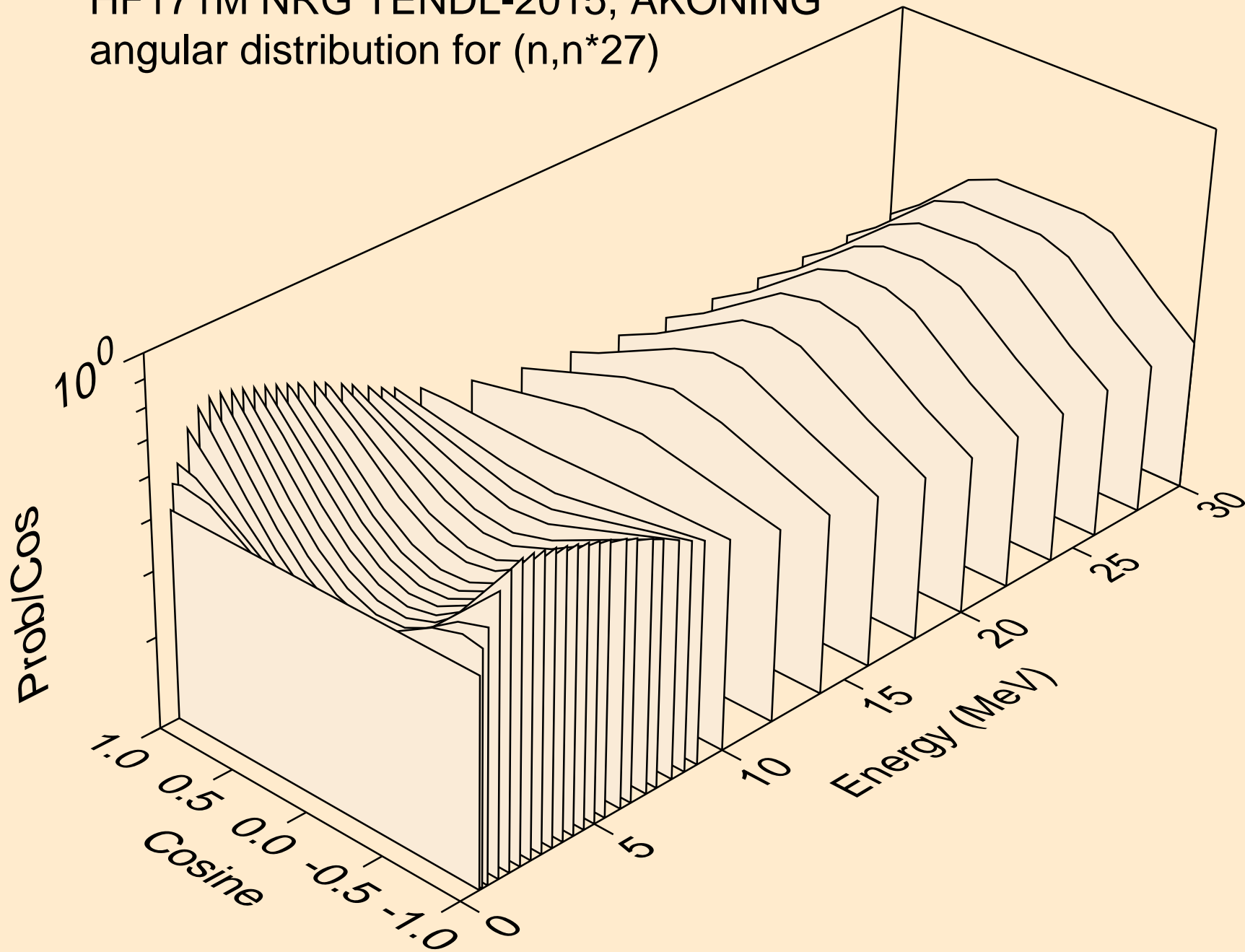
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



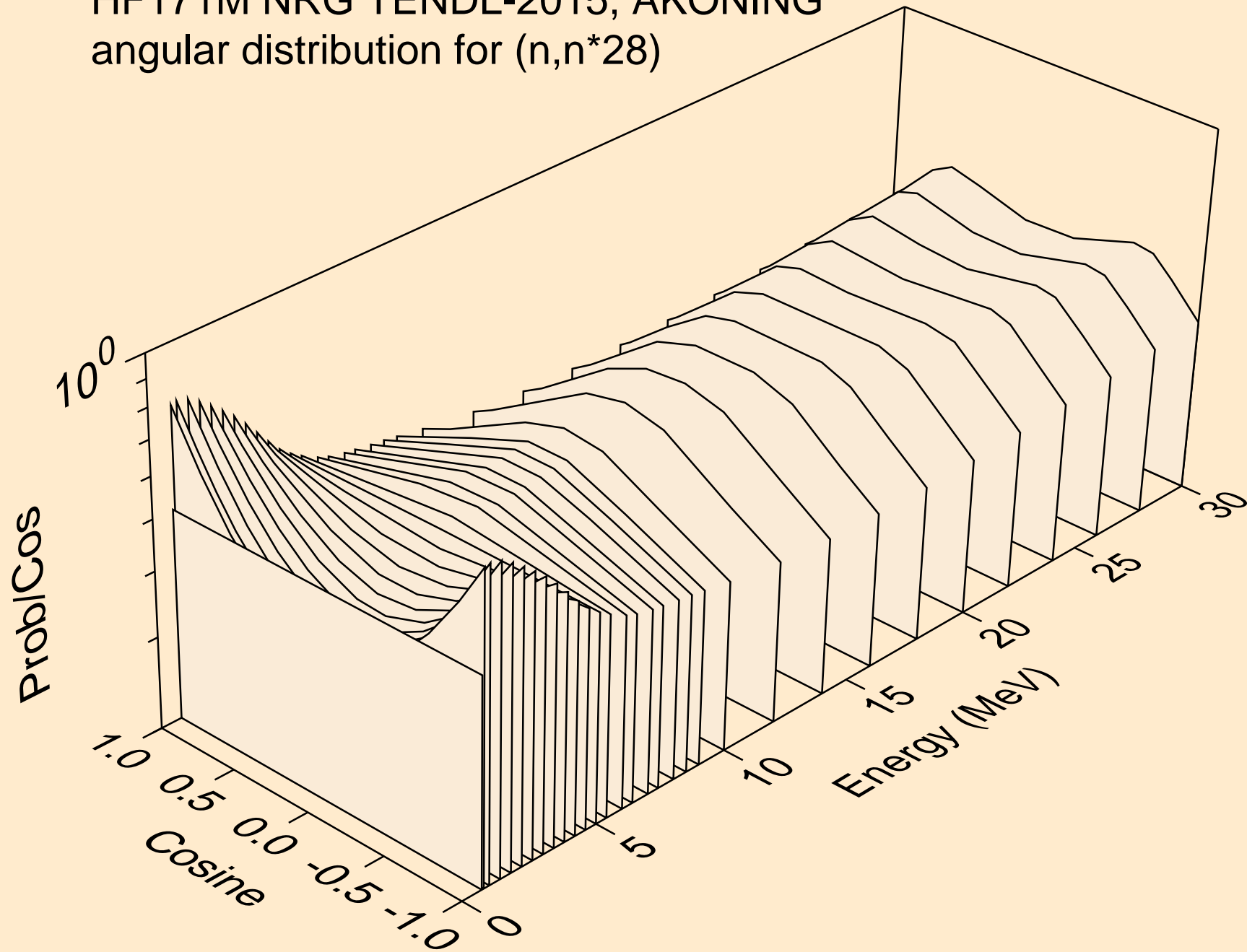
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



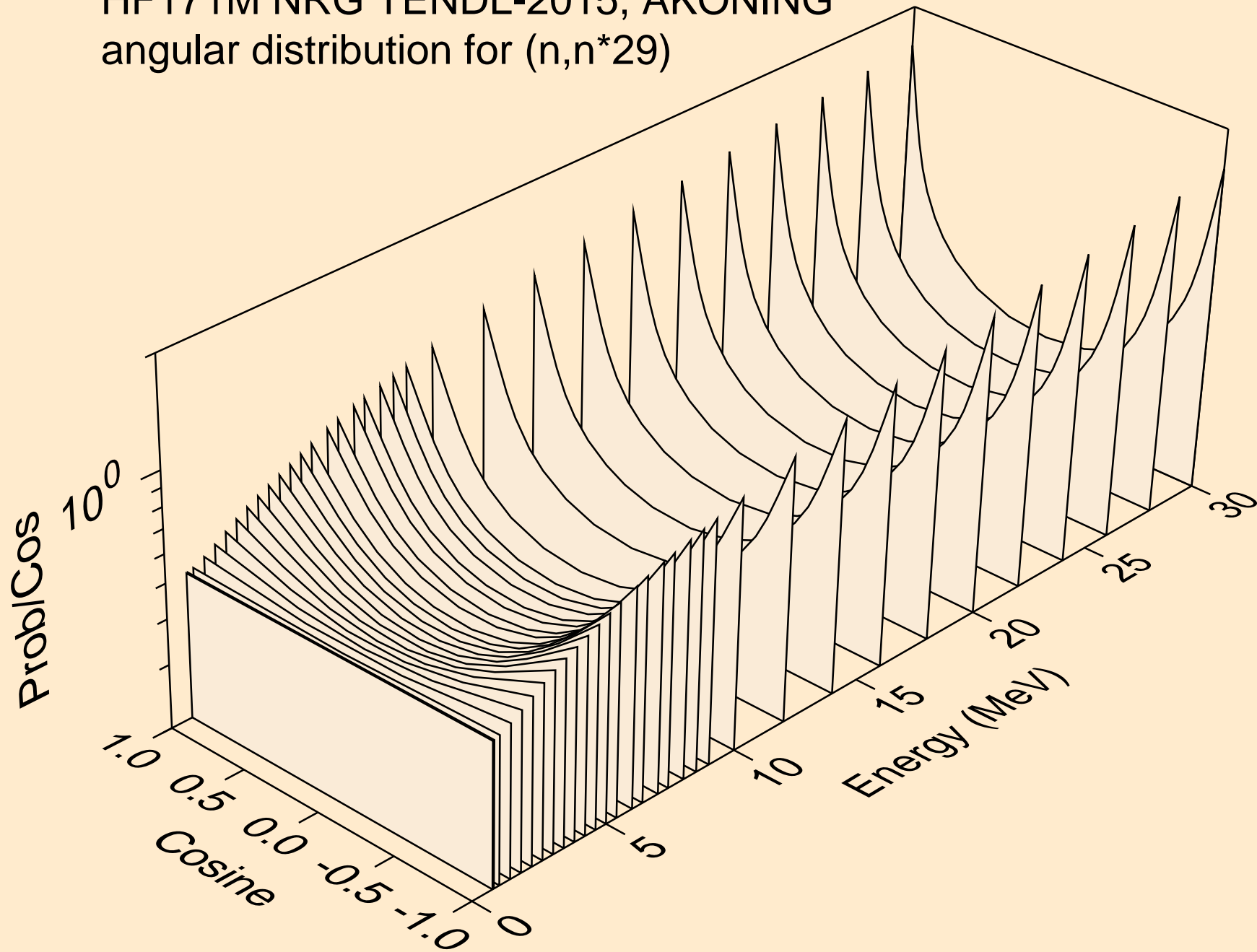
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angular distribution for (n,n\*27)



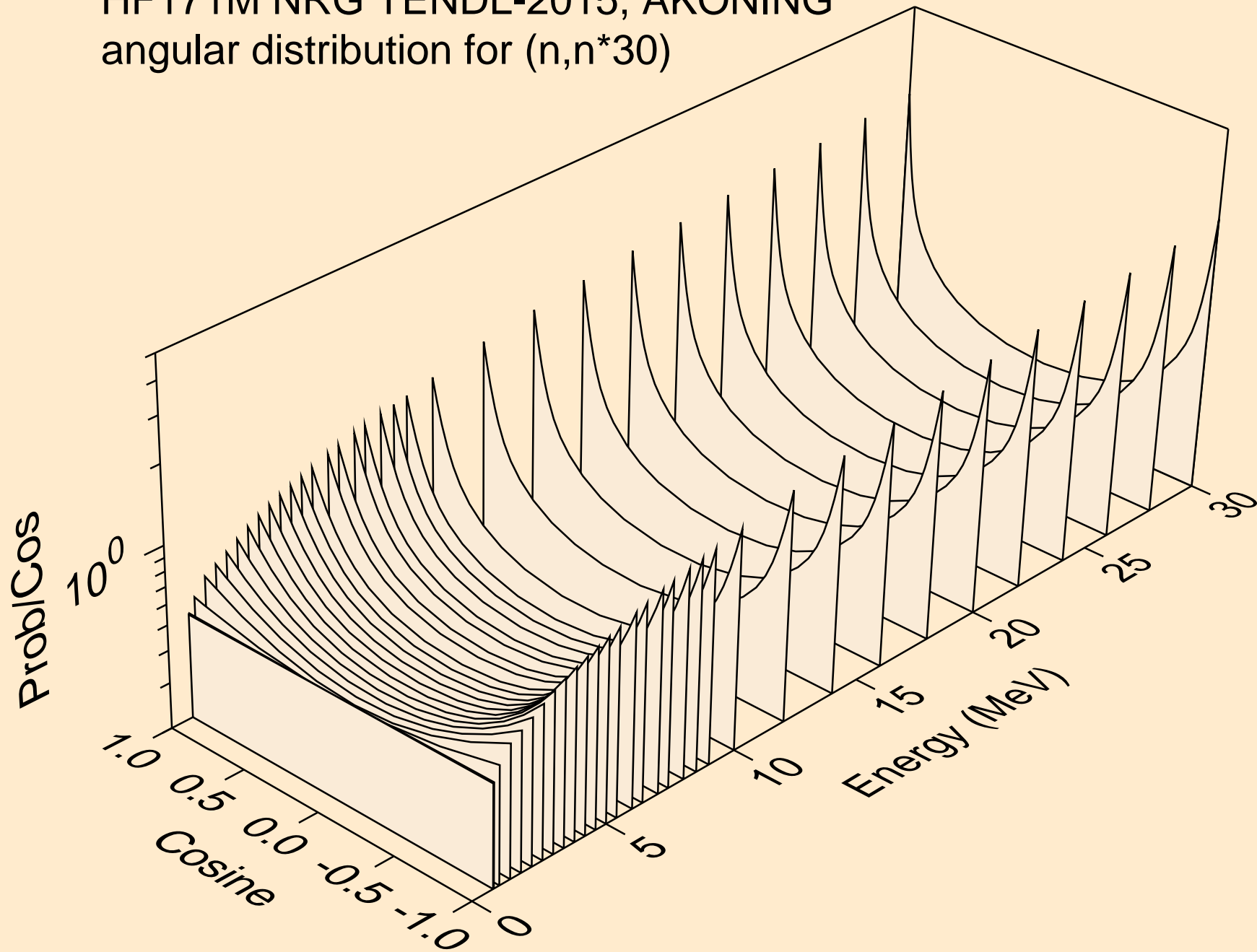
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angular distribution for (n,n\*28)



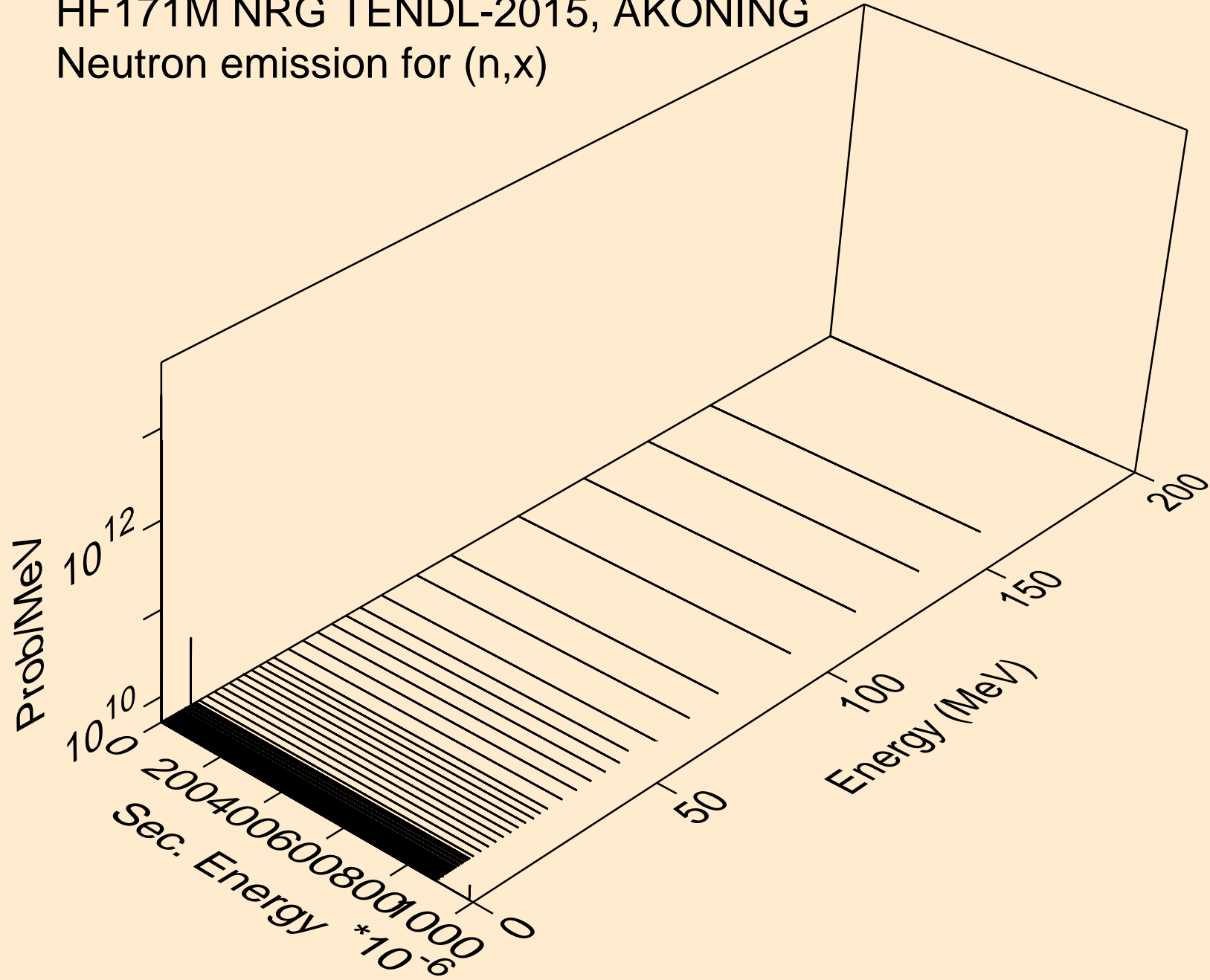
HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



HF171M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

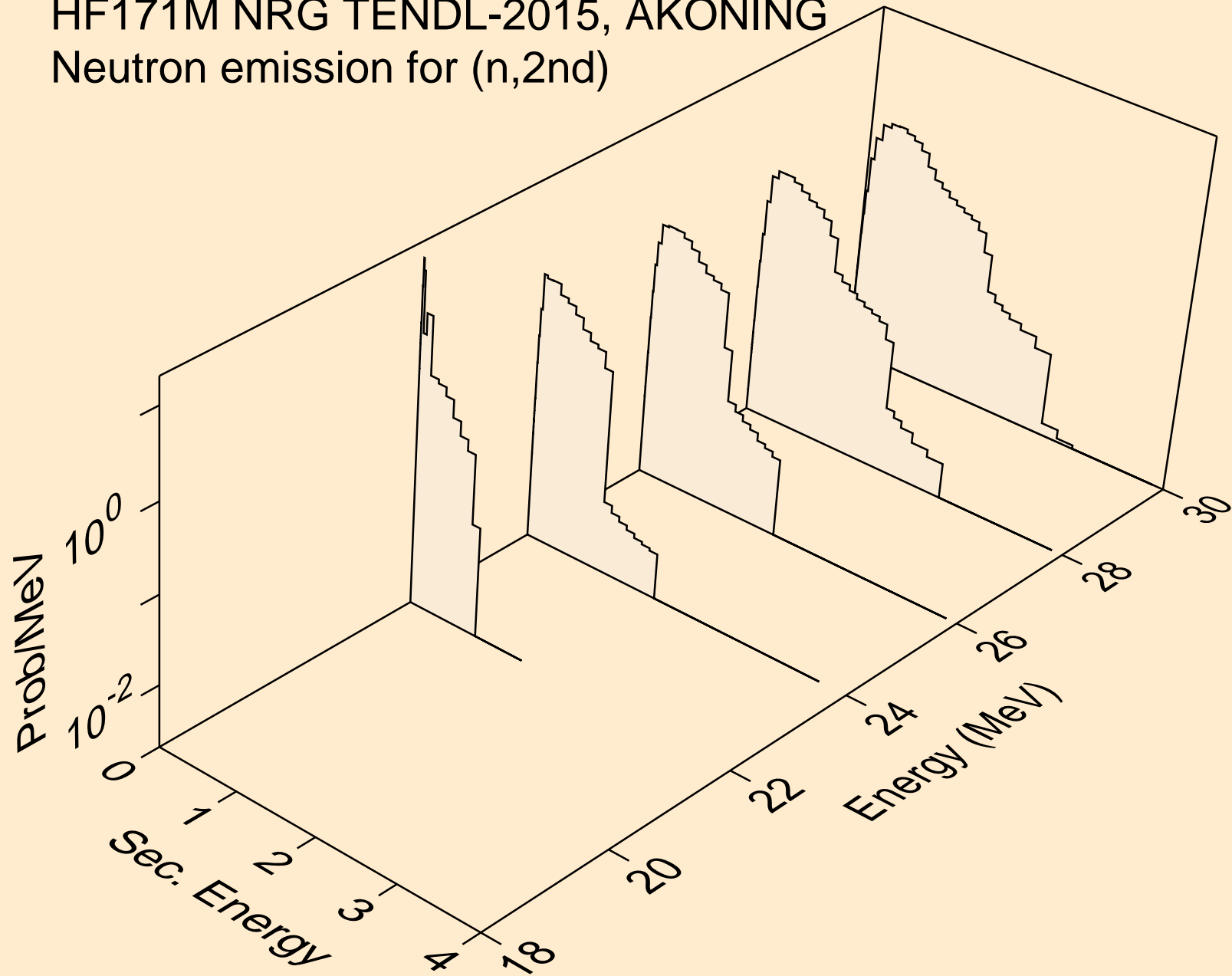


HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

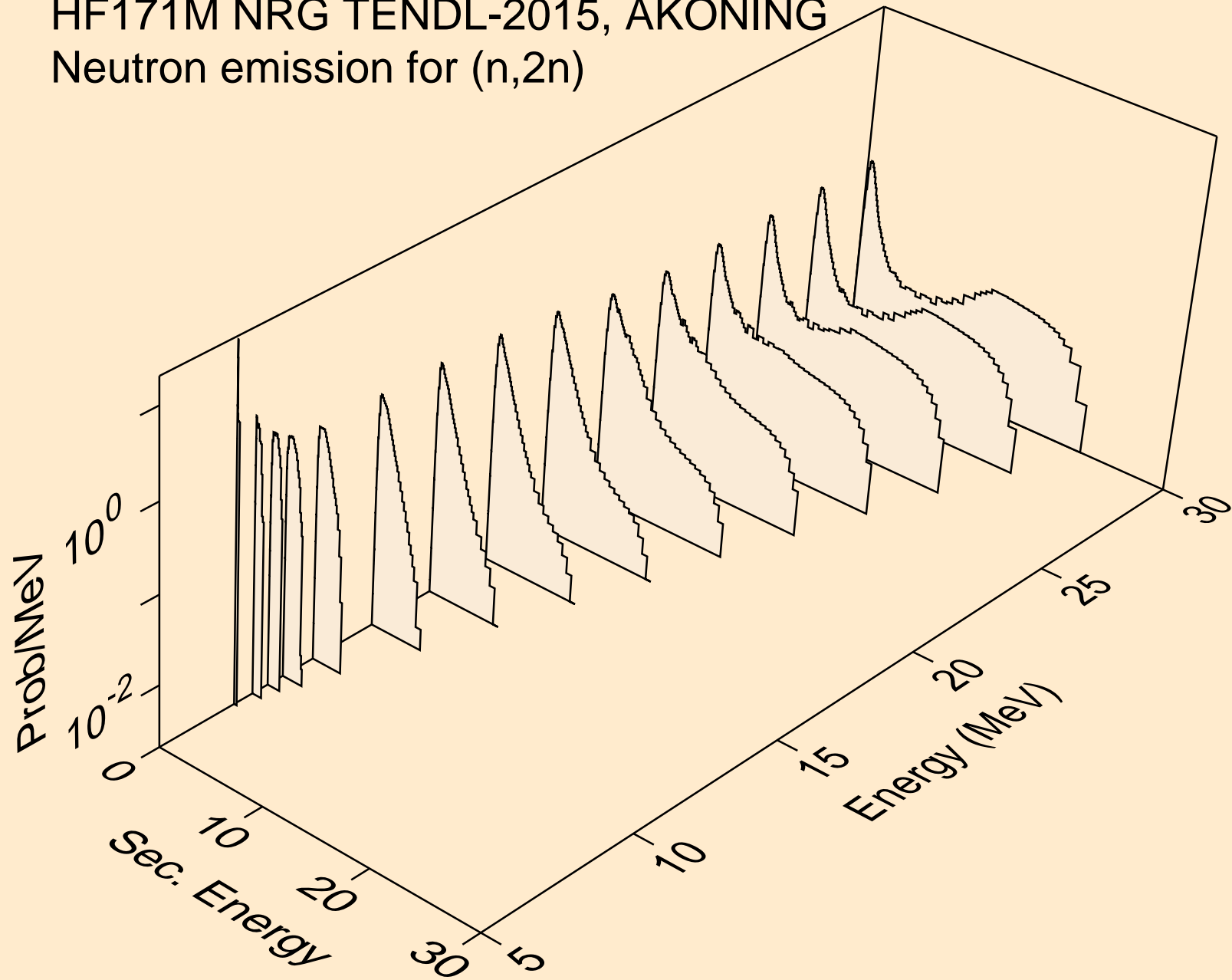




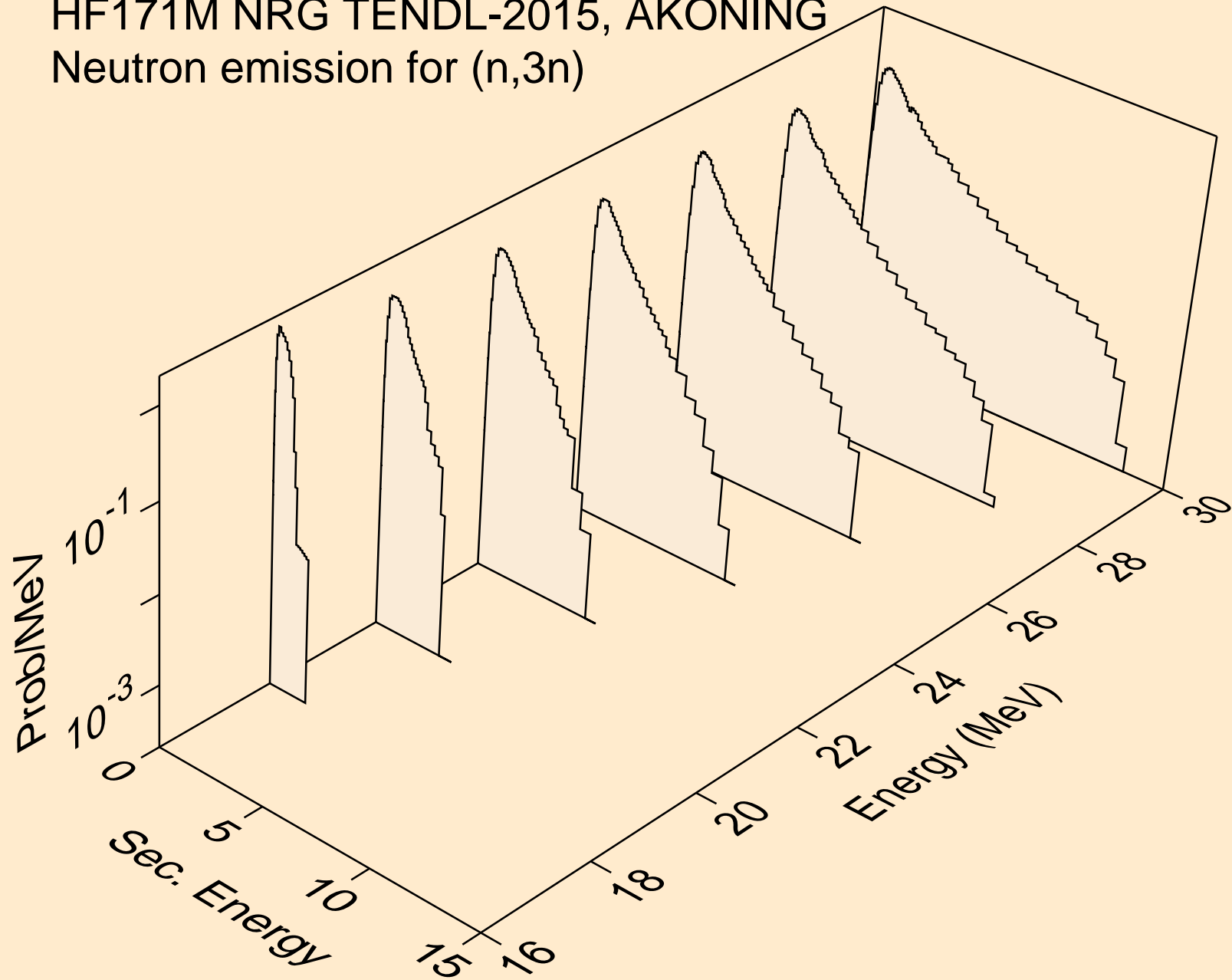
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



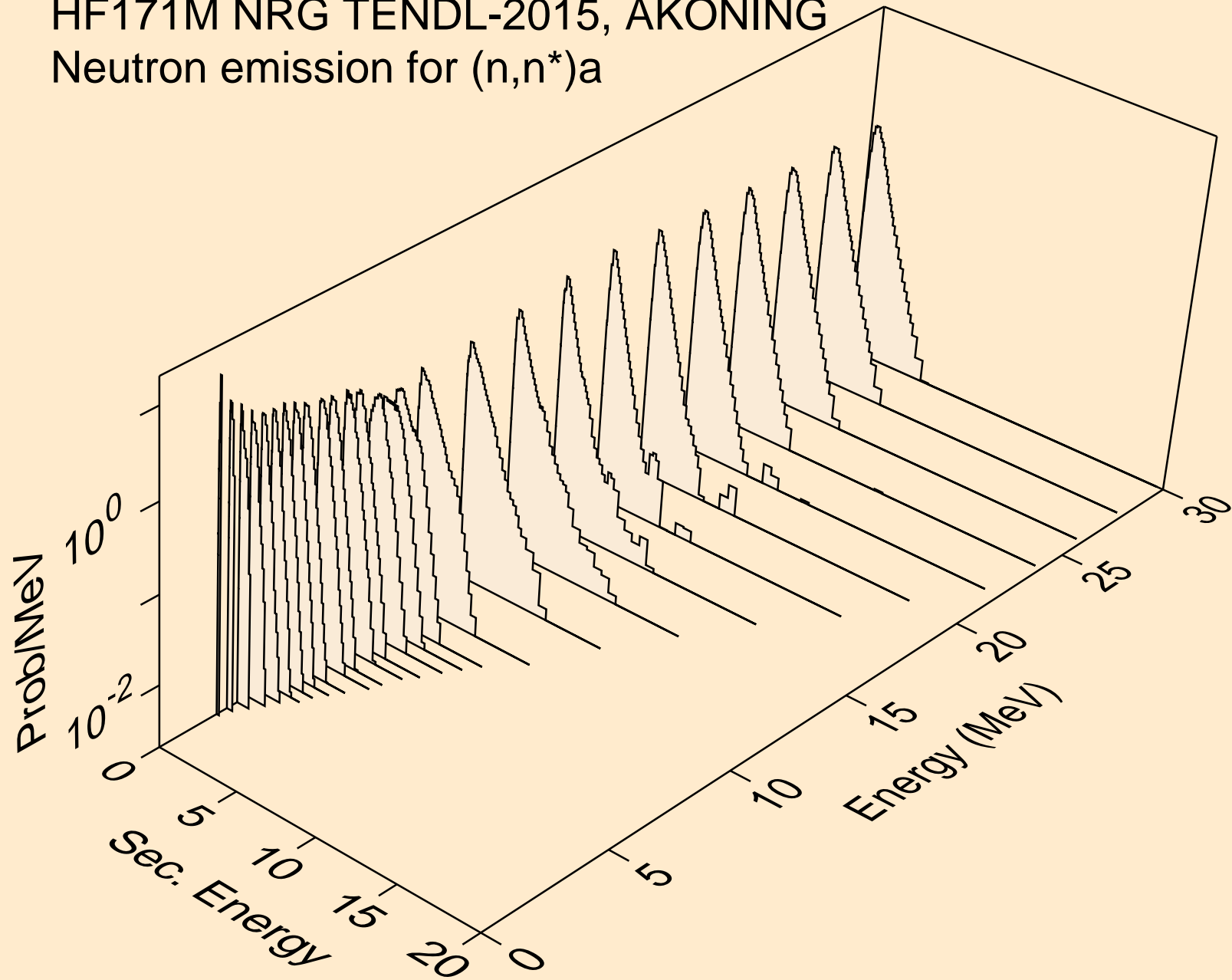
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



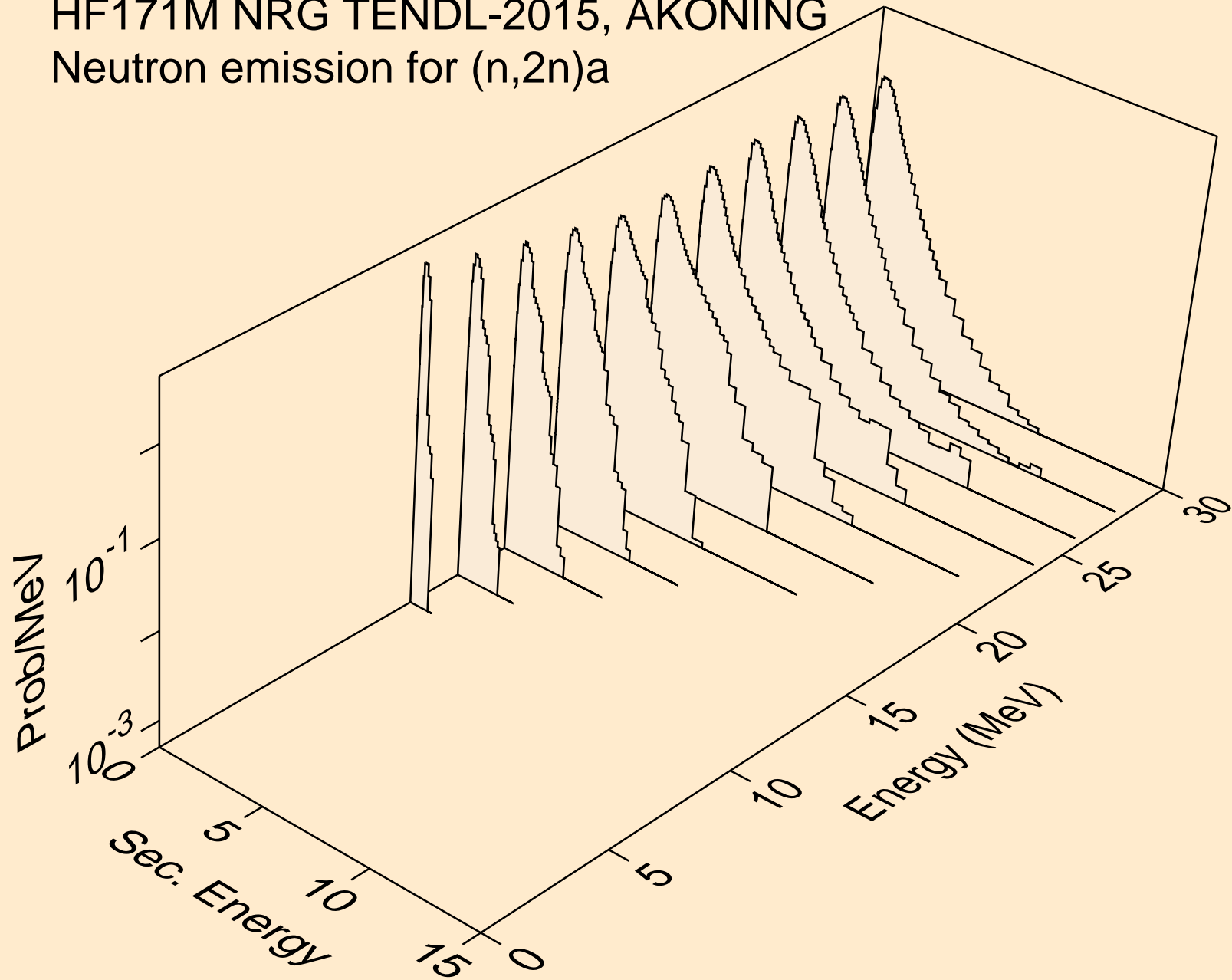
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



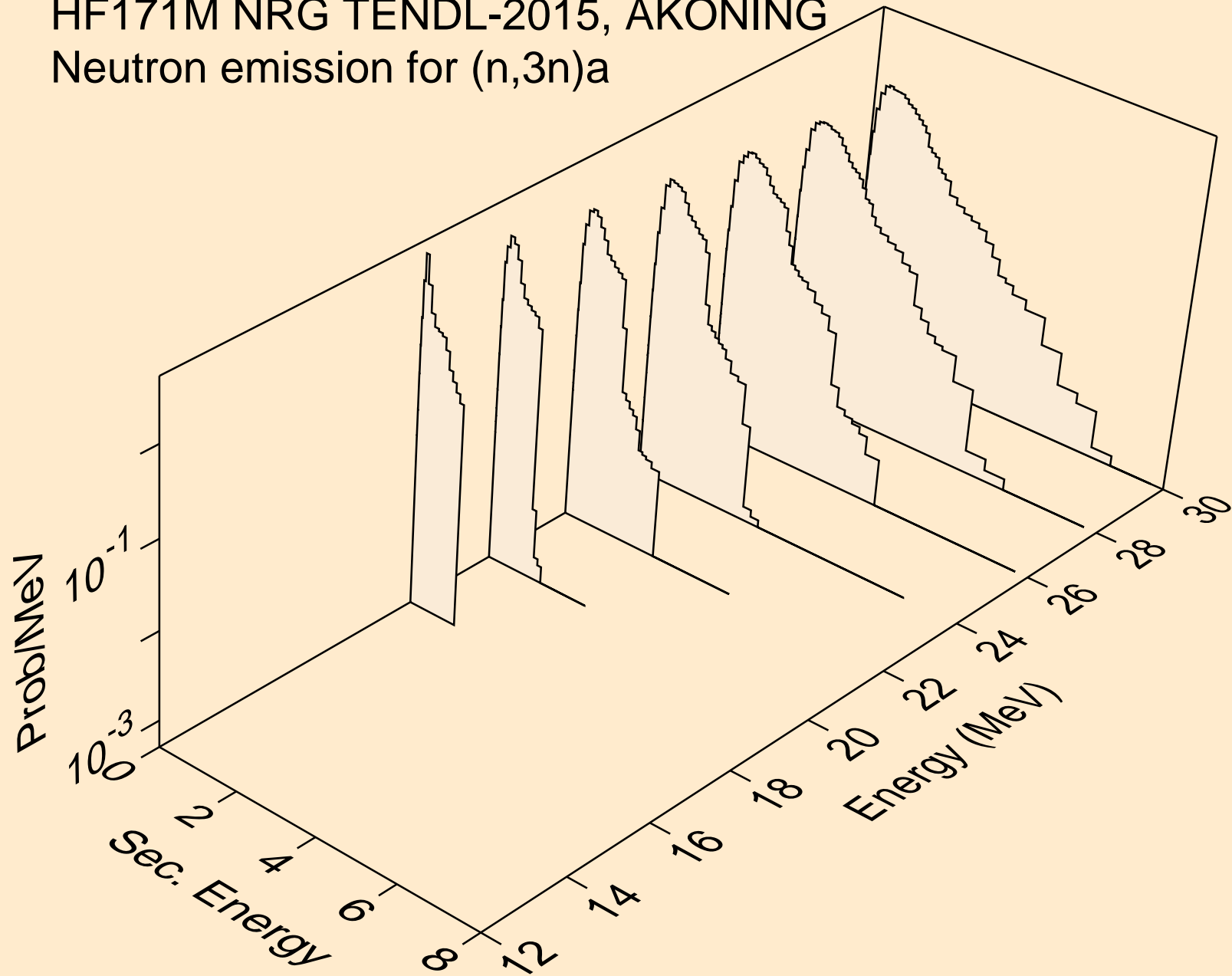
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



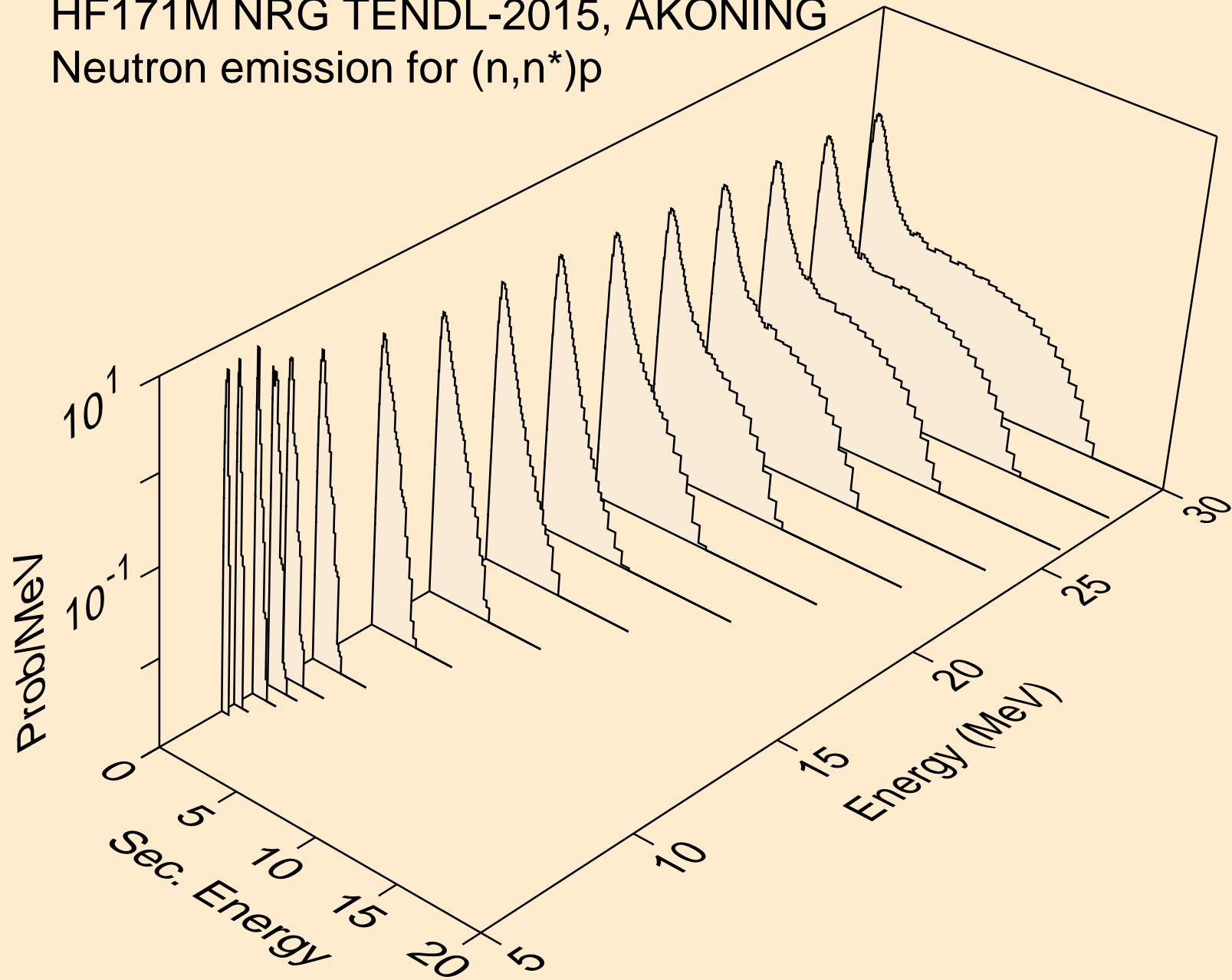
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



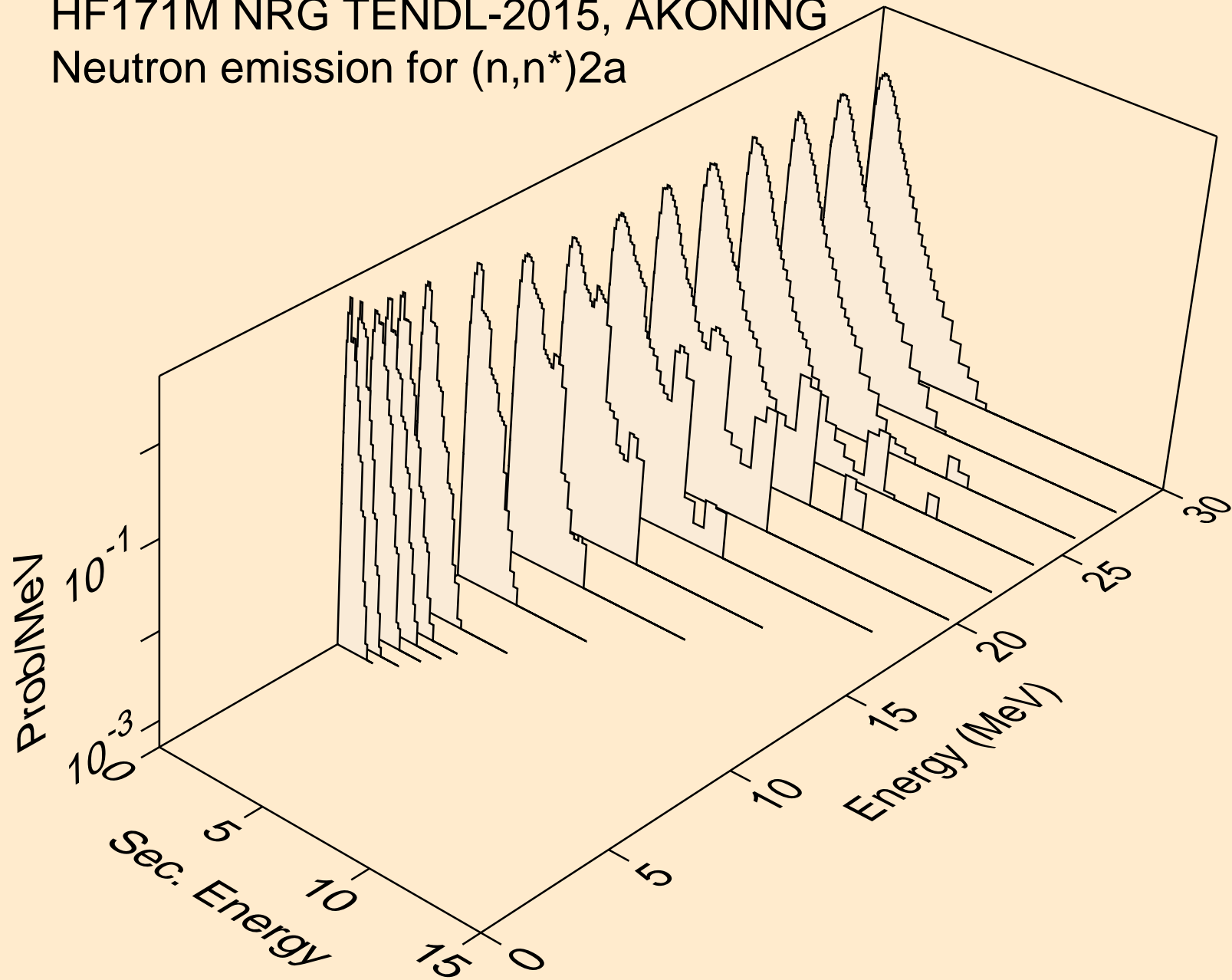
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

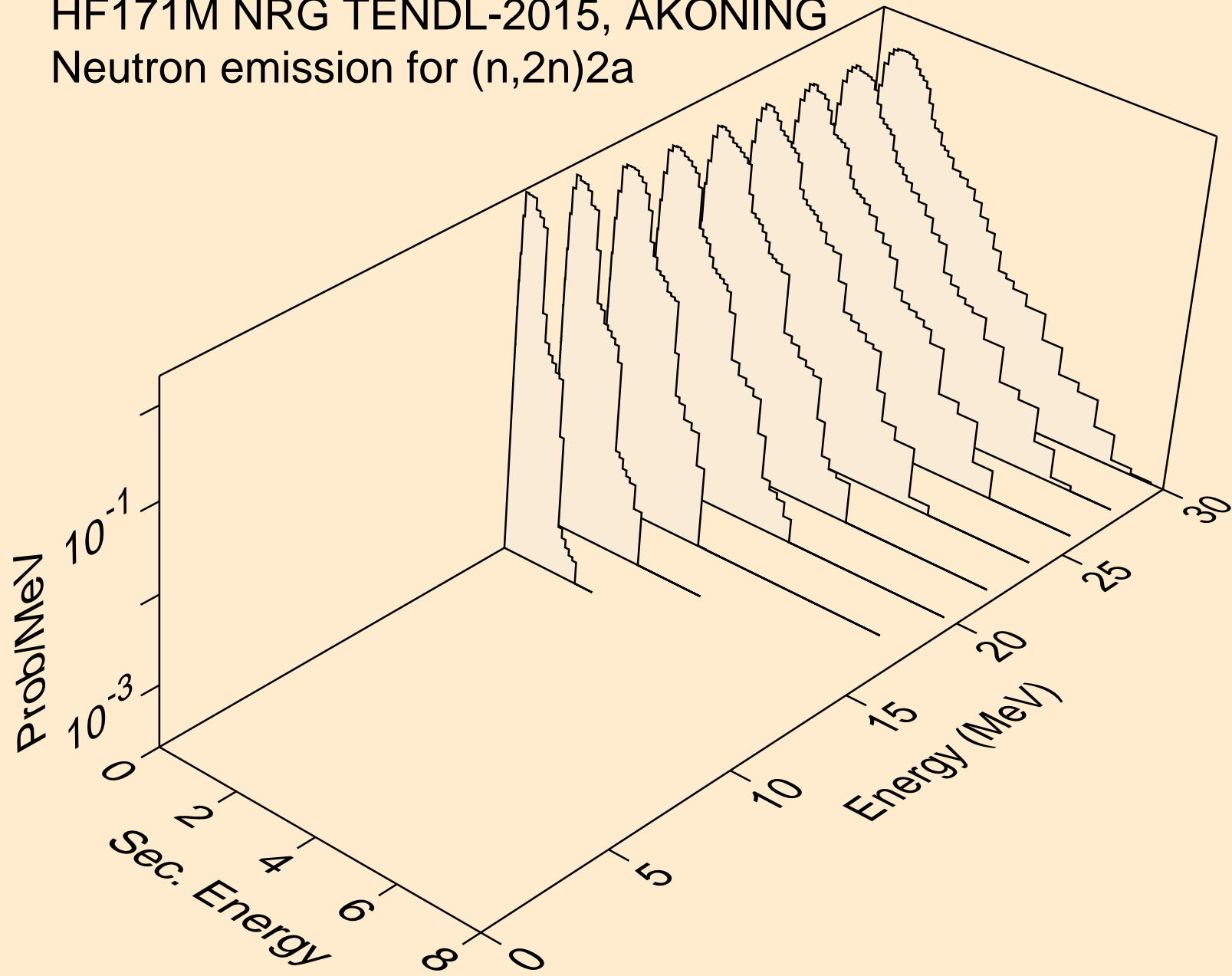


HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

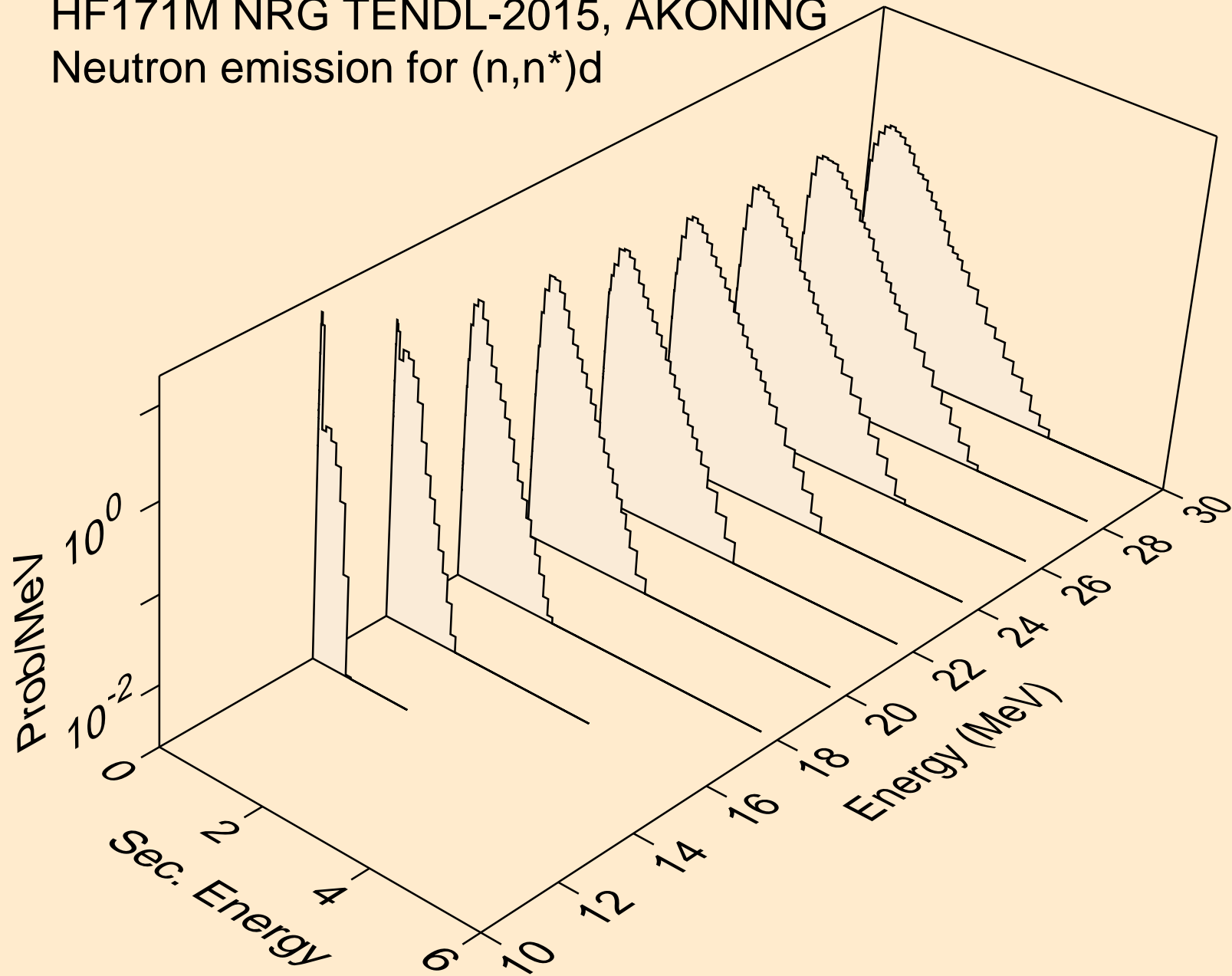




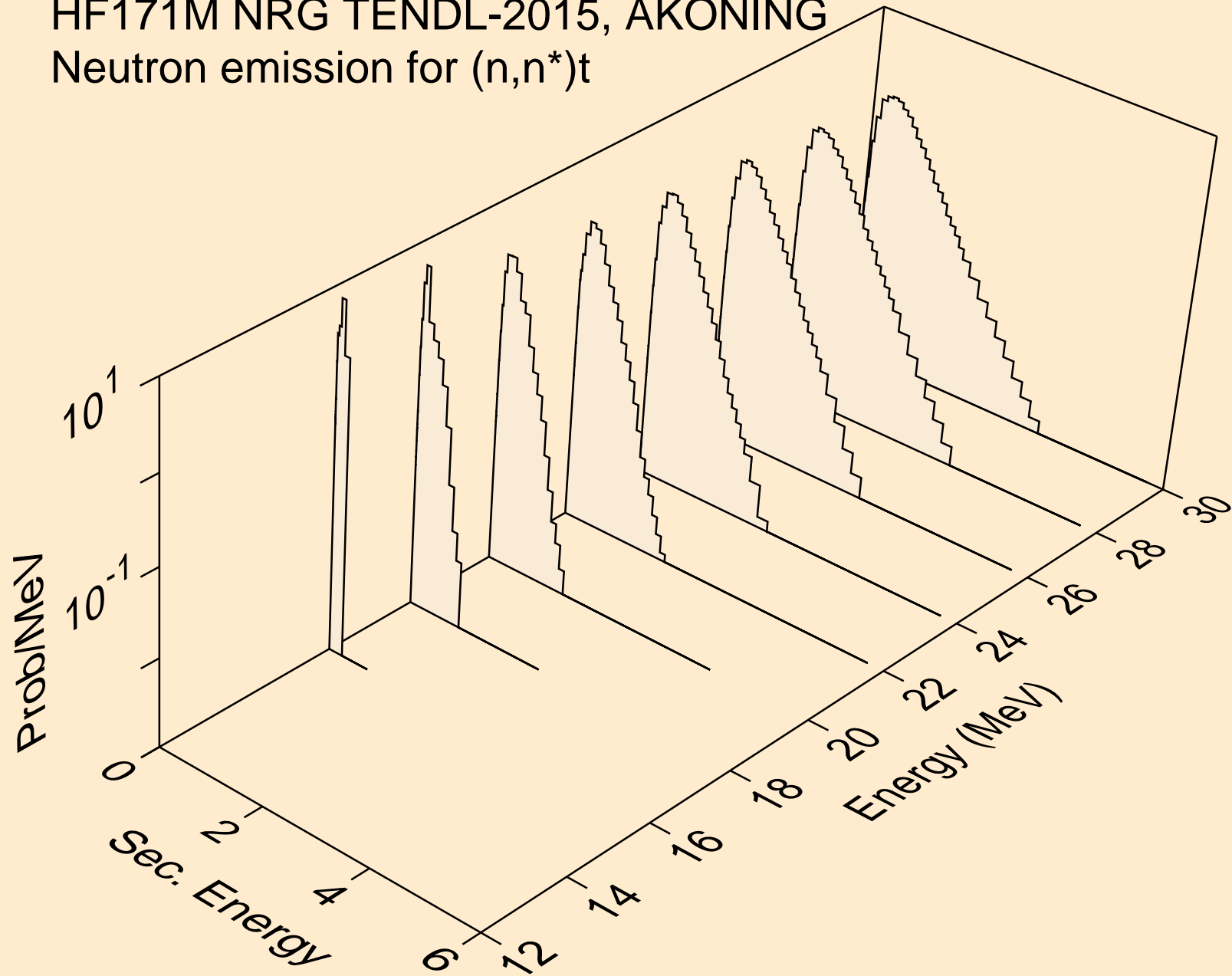
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



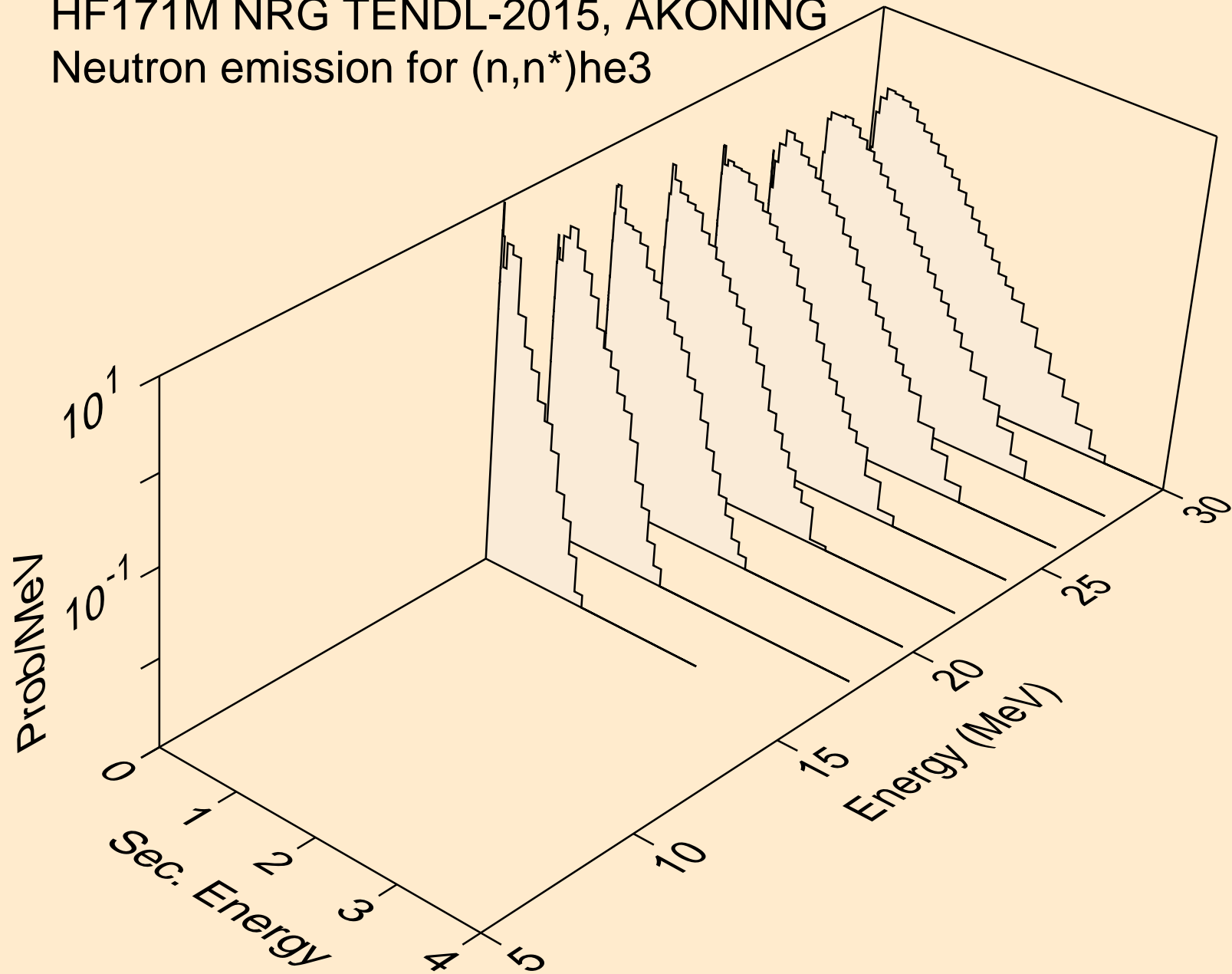
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



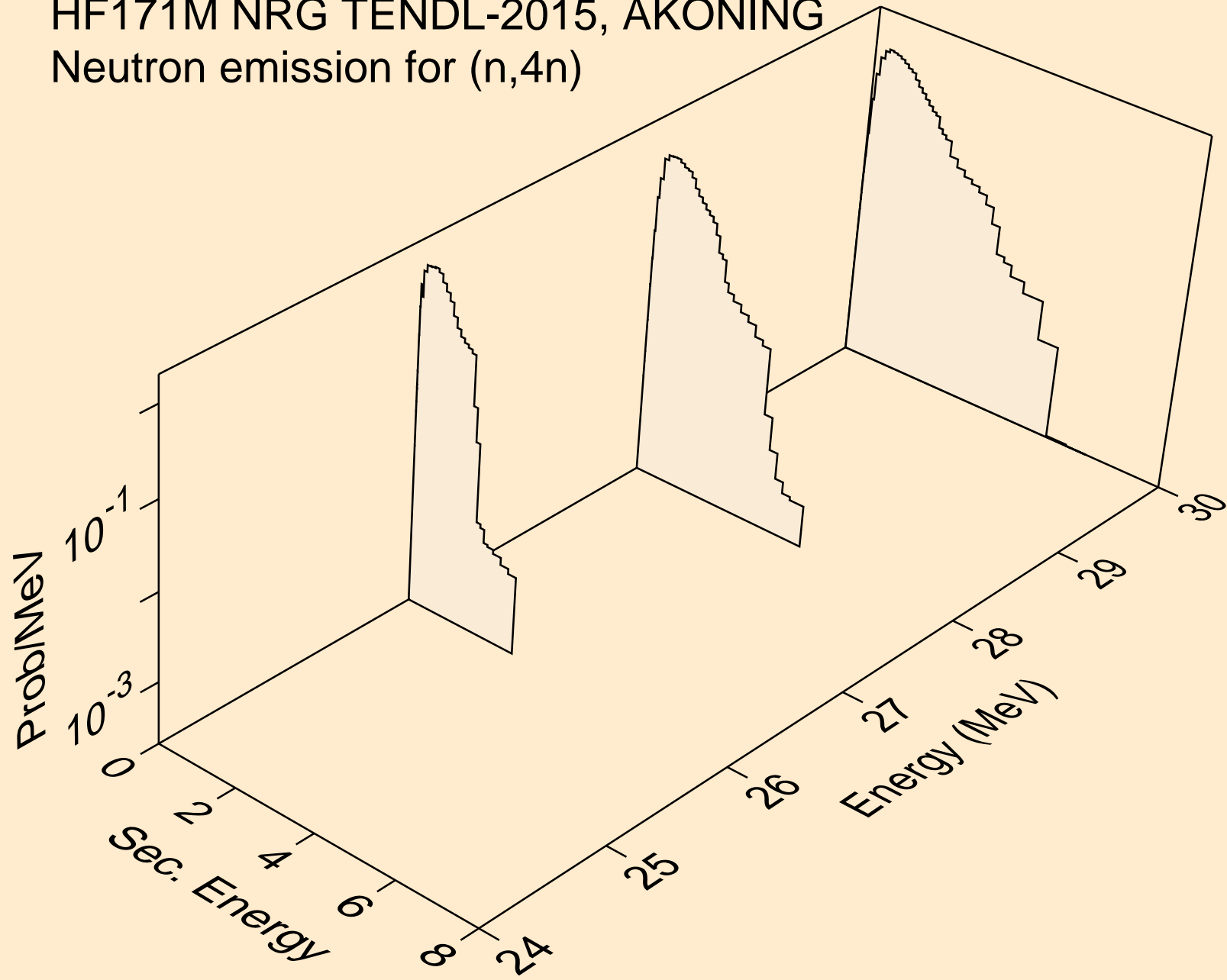
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



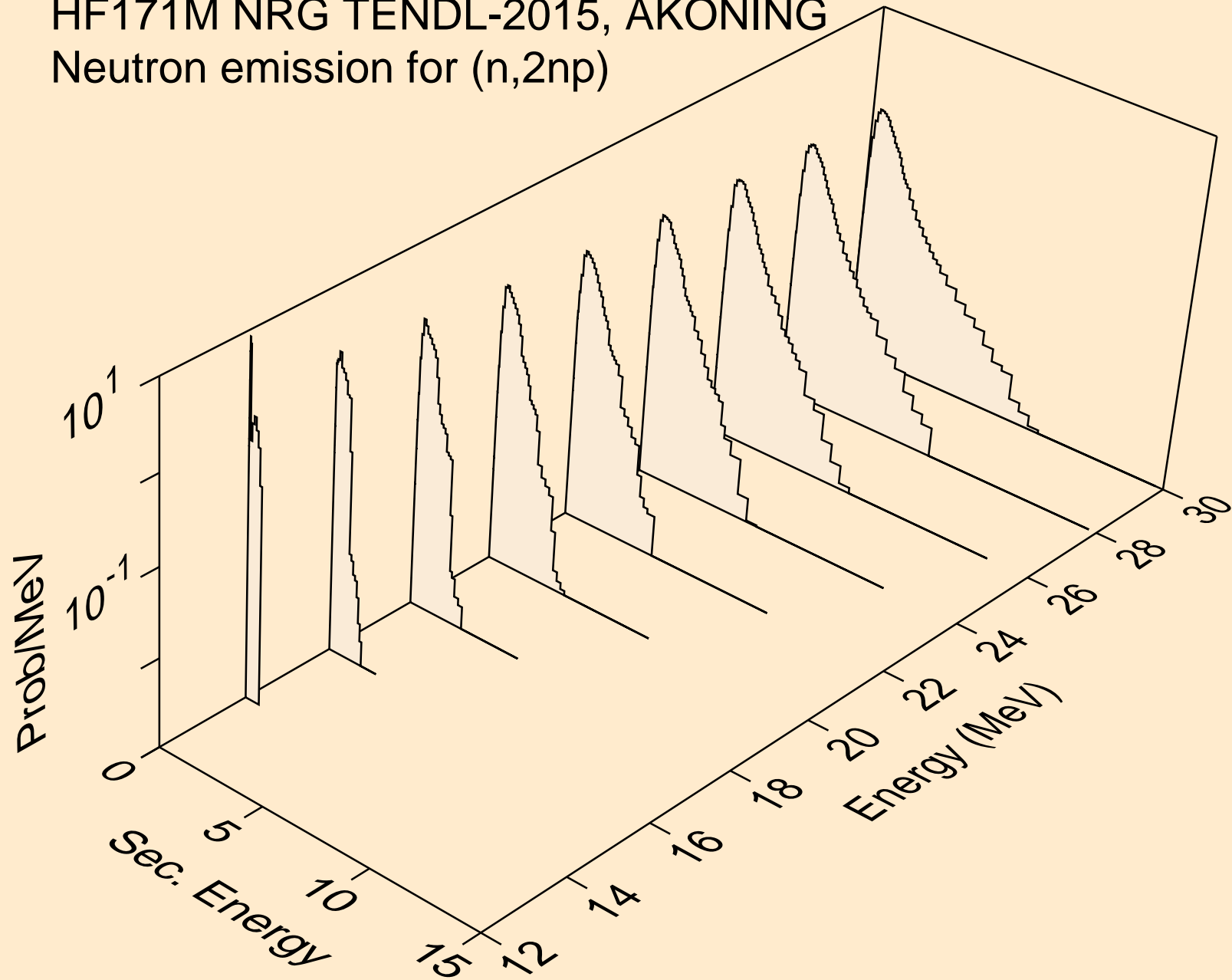
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



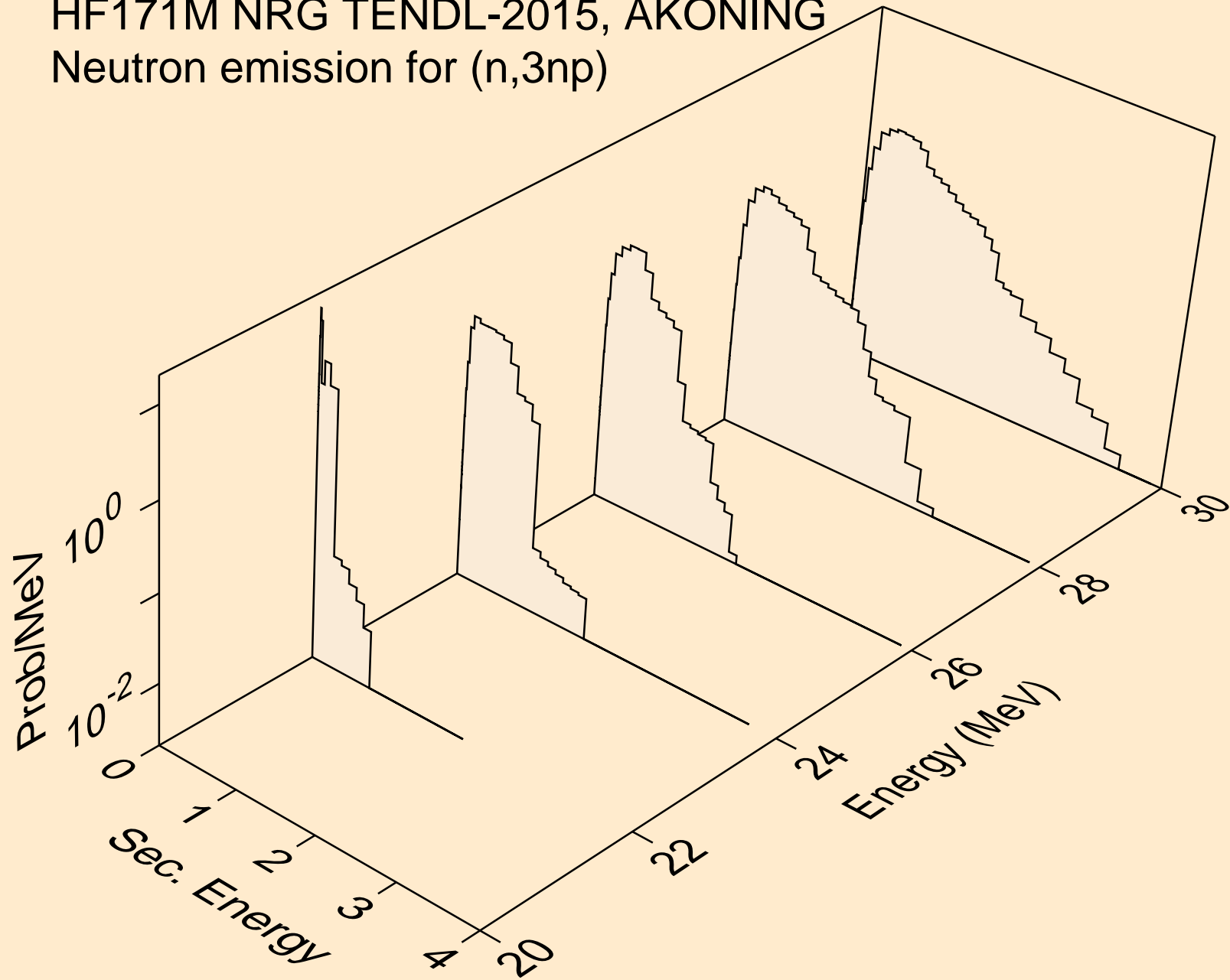
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



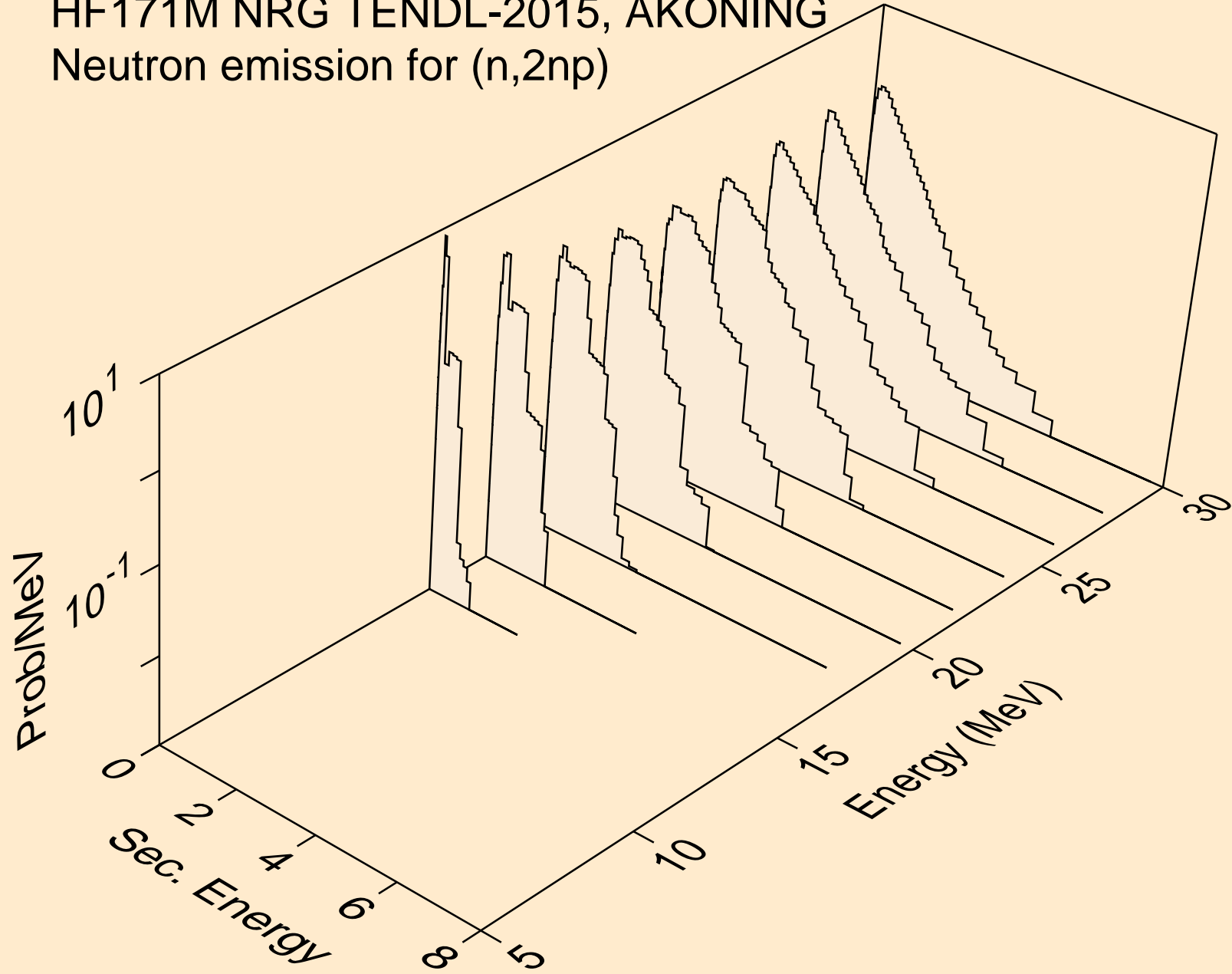
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

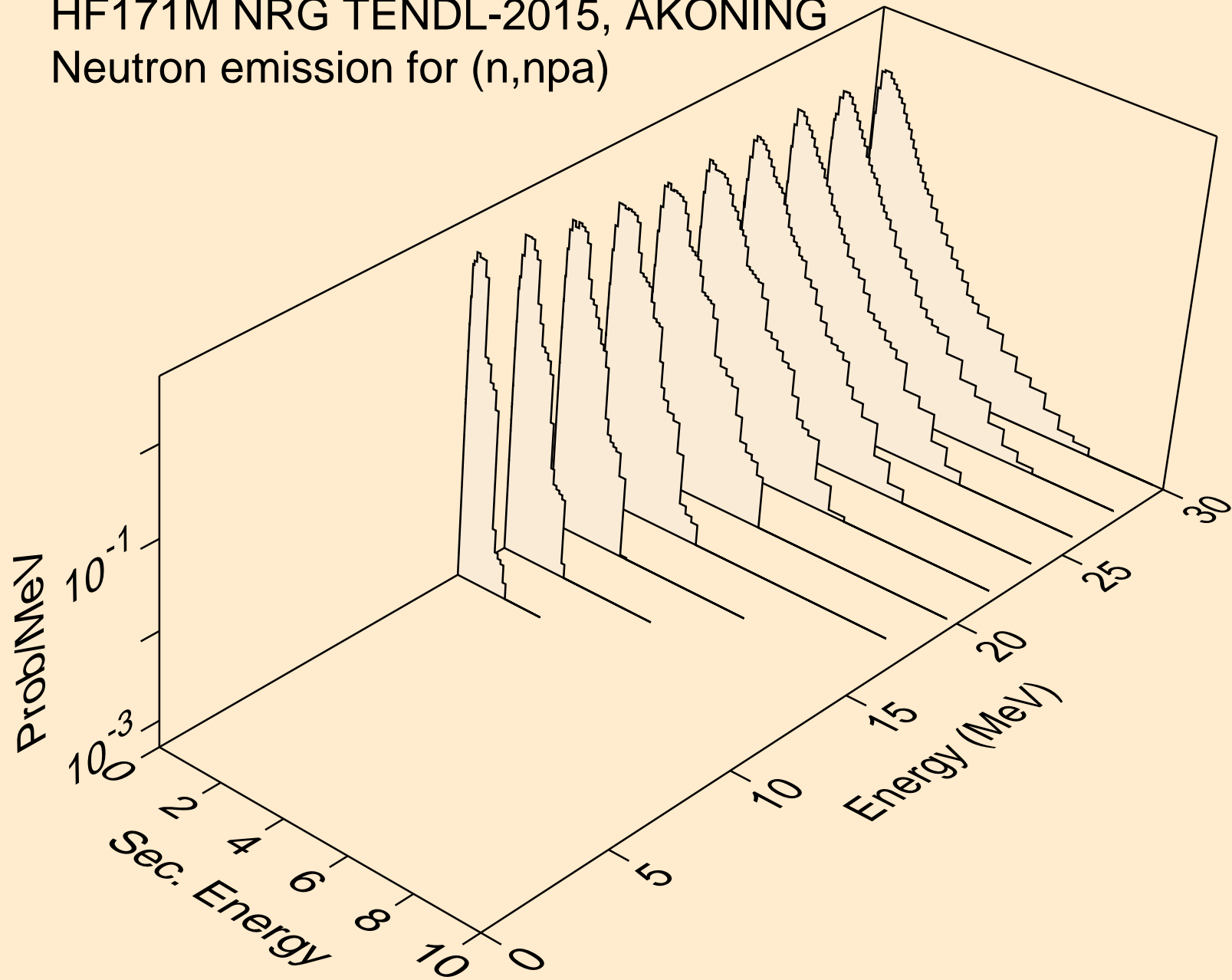


HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

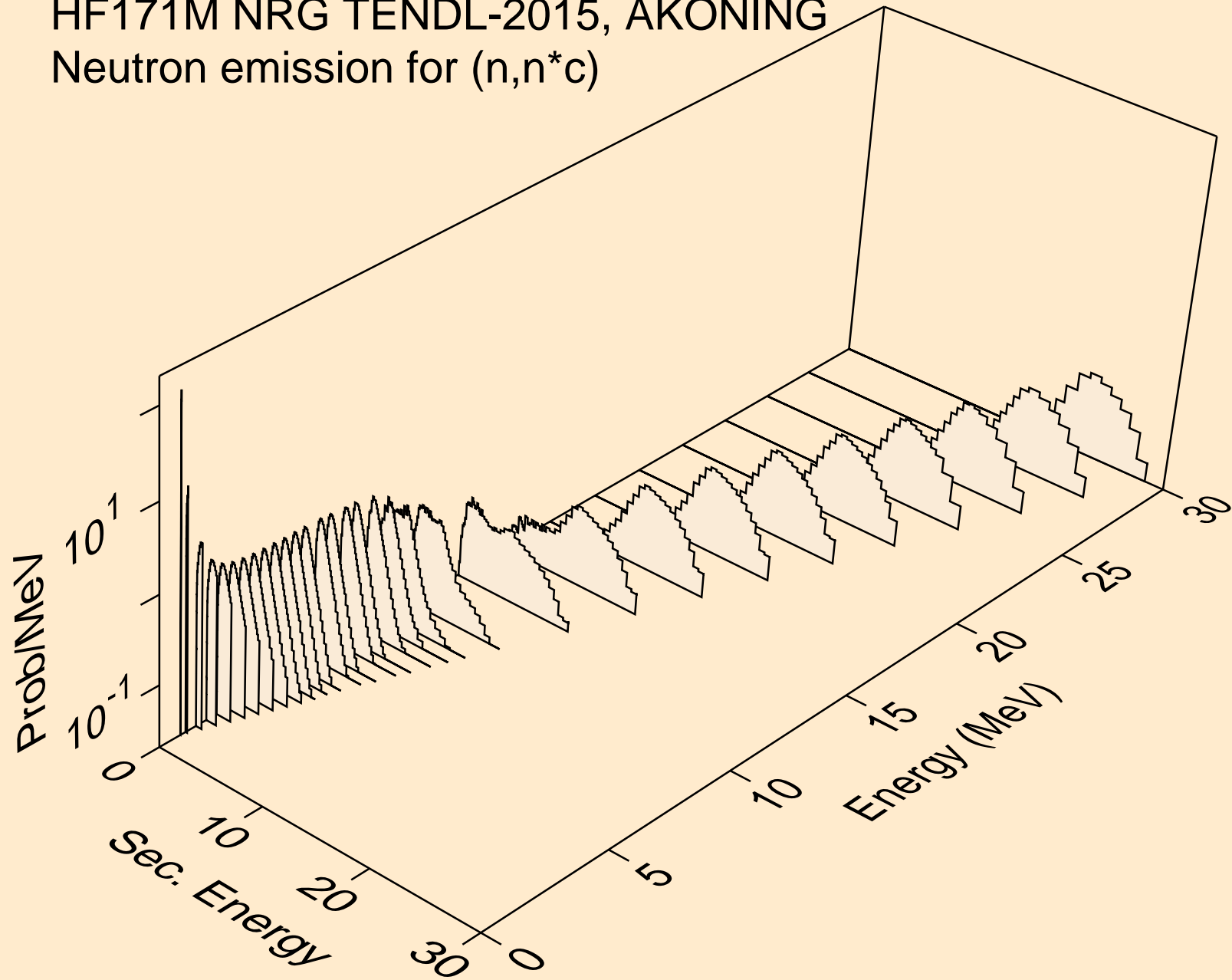




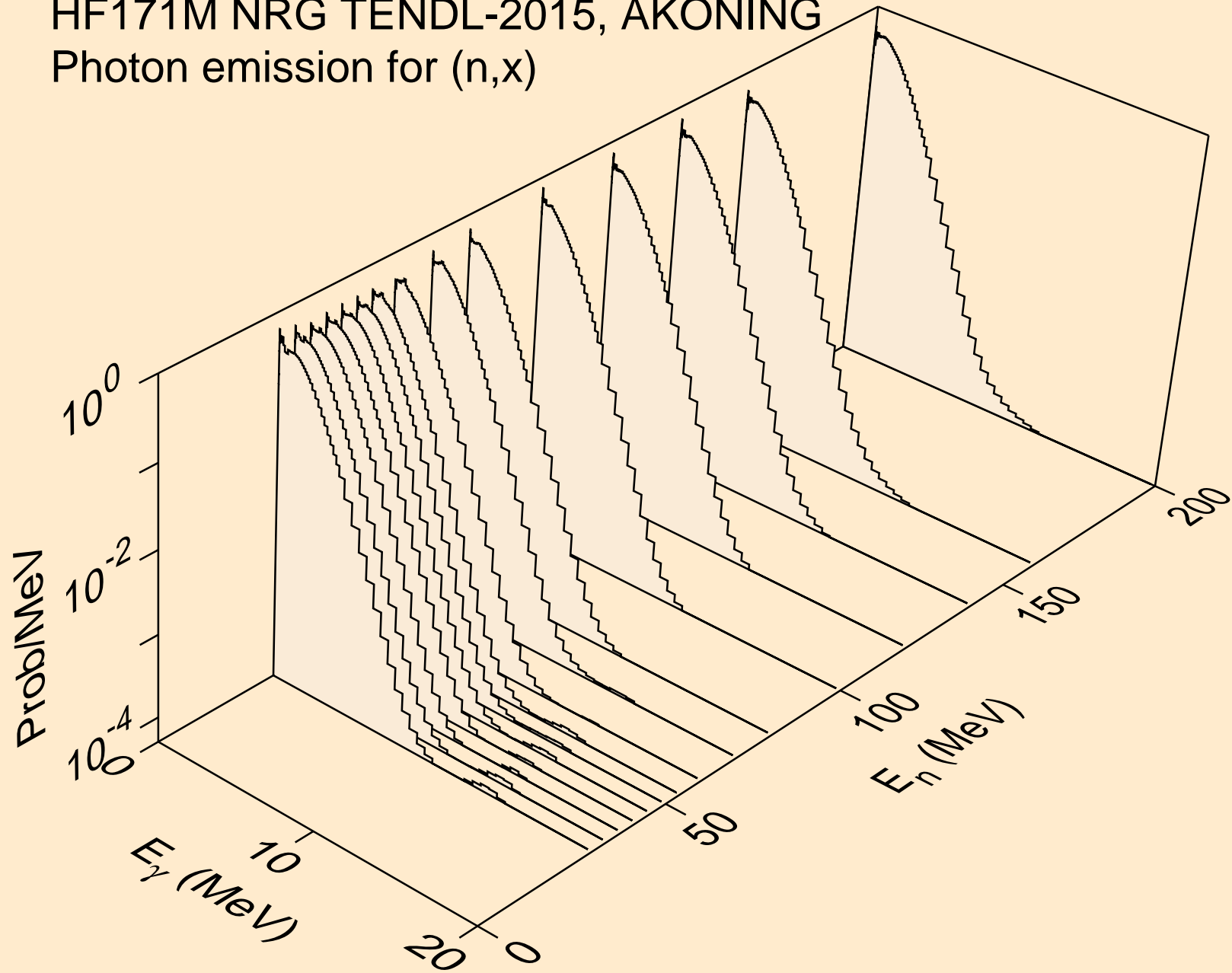
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



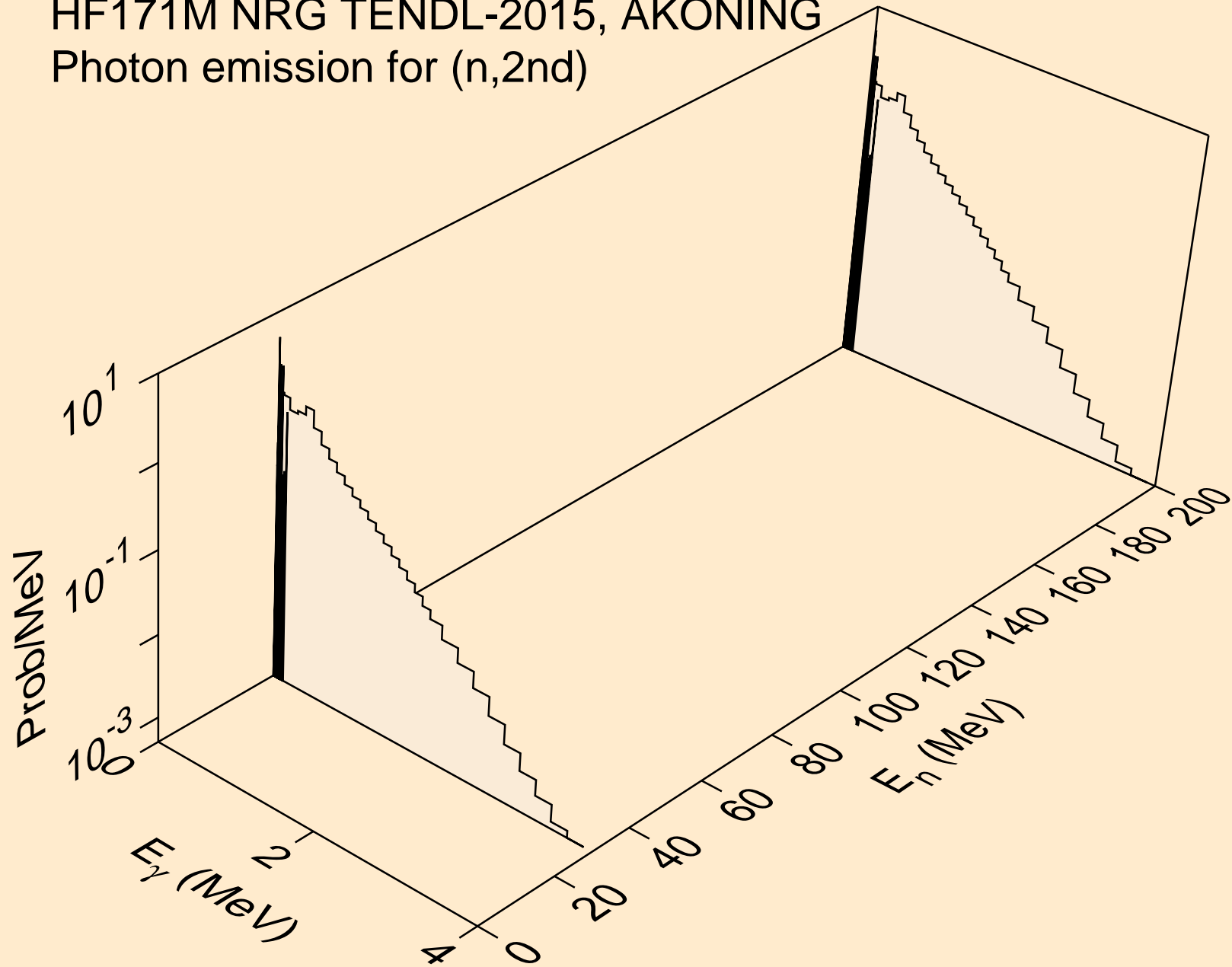
HF171M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



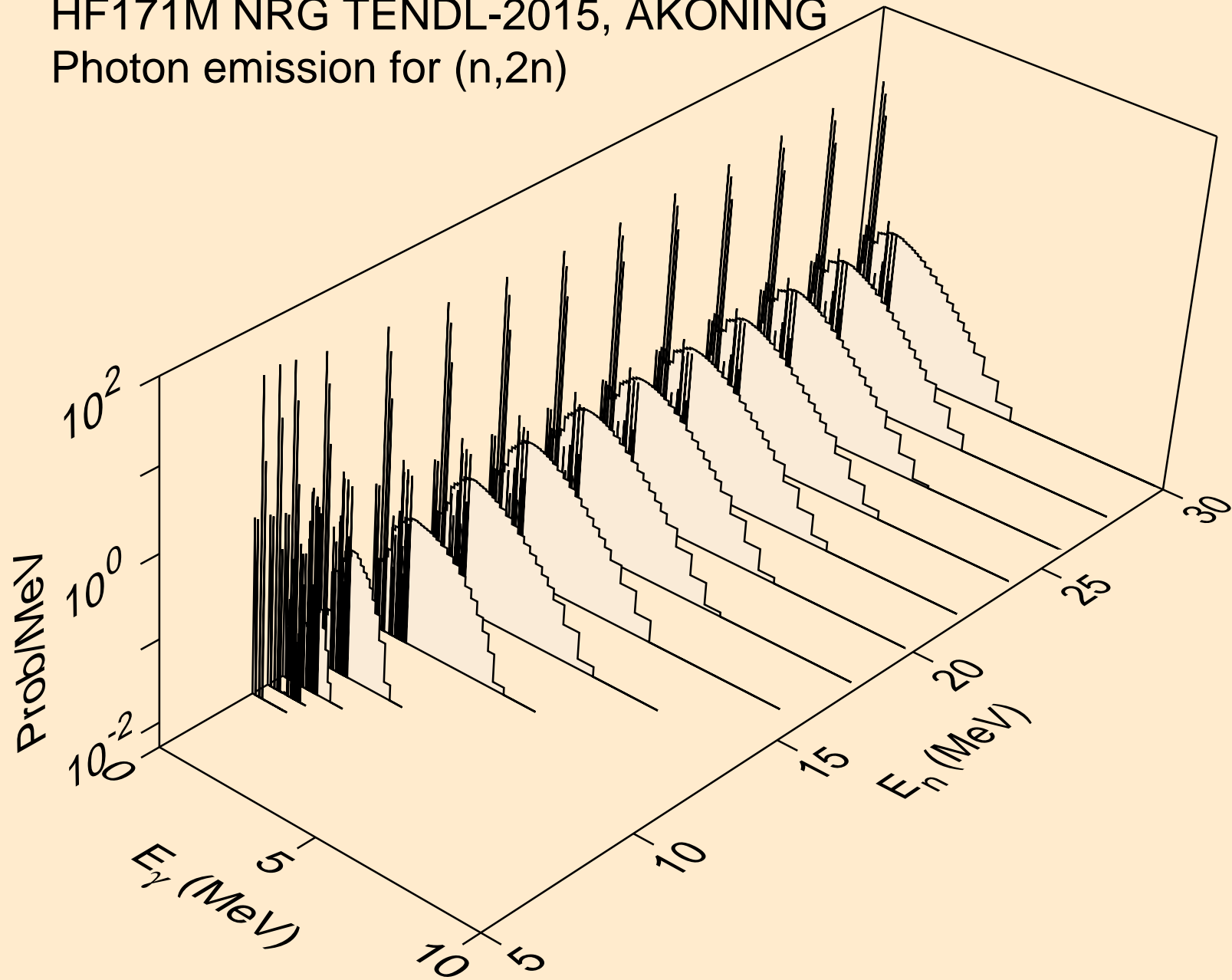
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



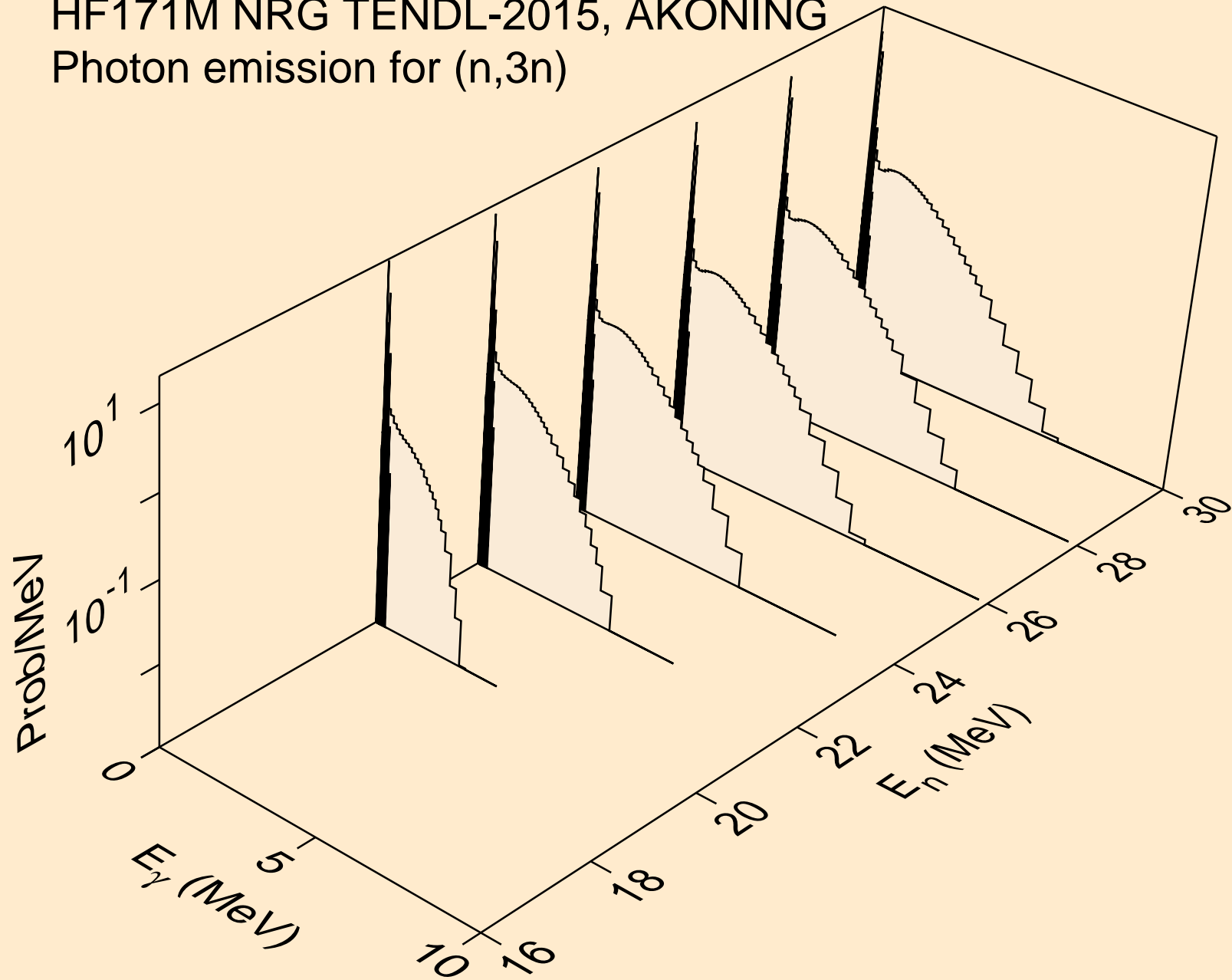
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Photon emission for (n,2nd)



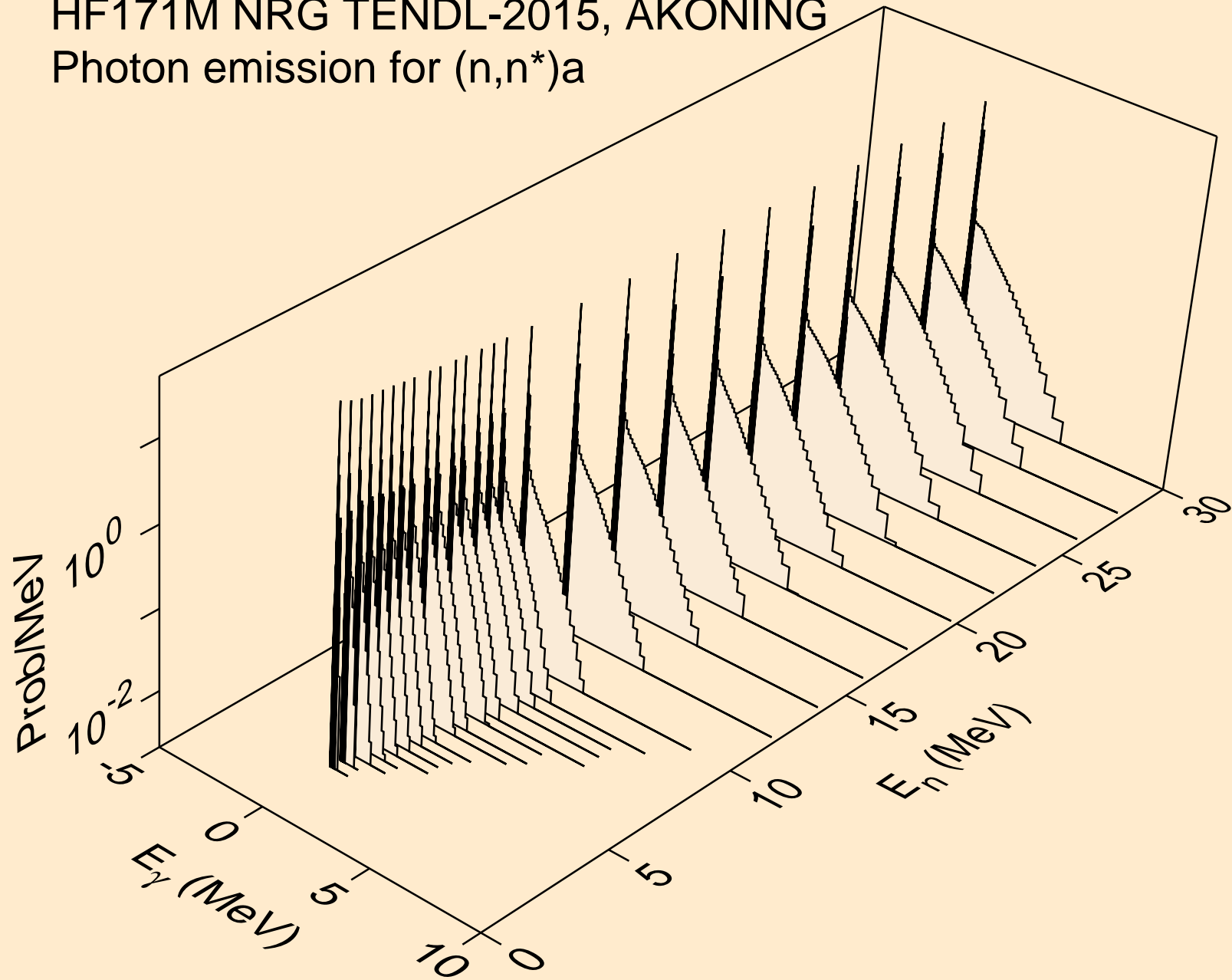
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



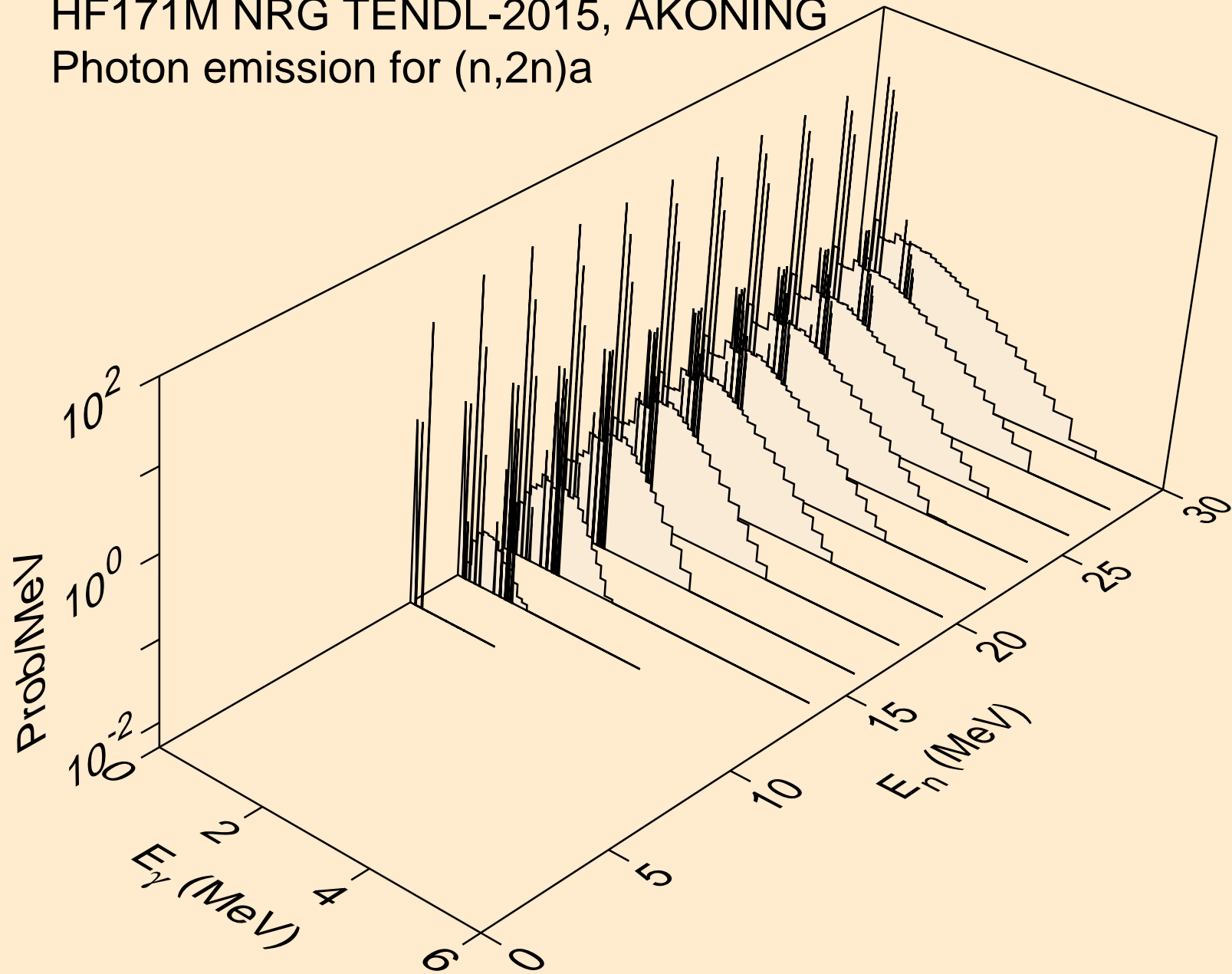
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

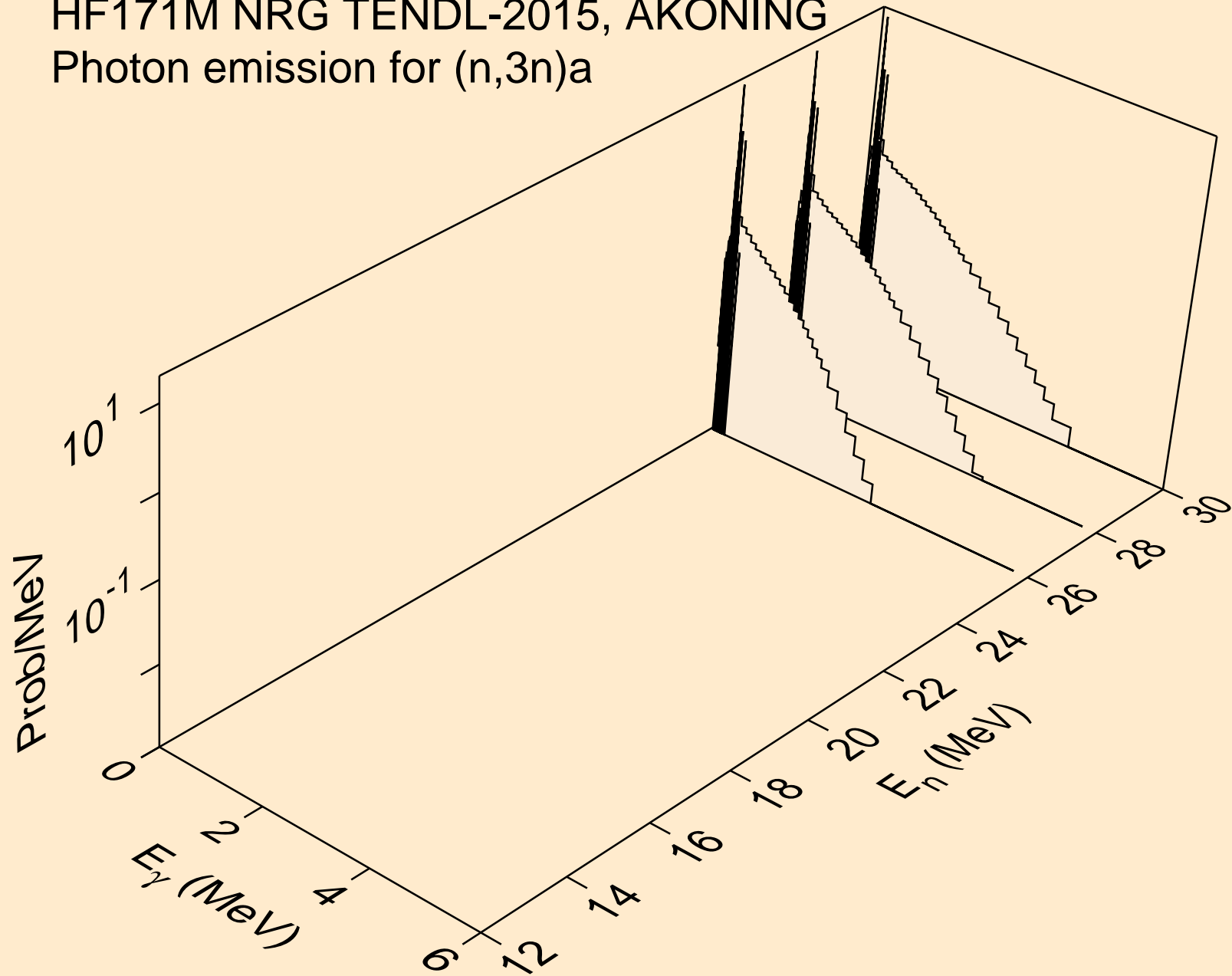


HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

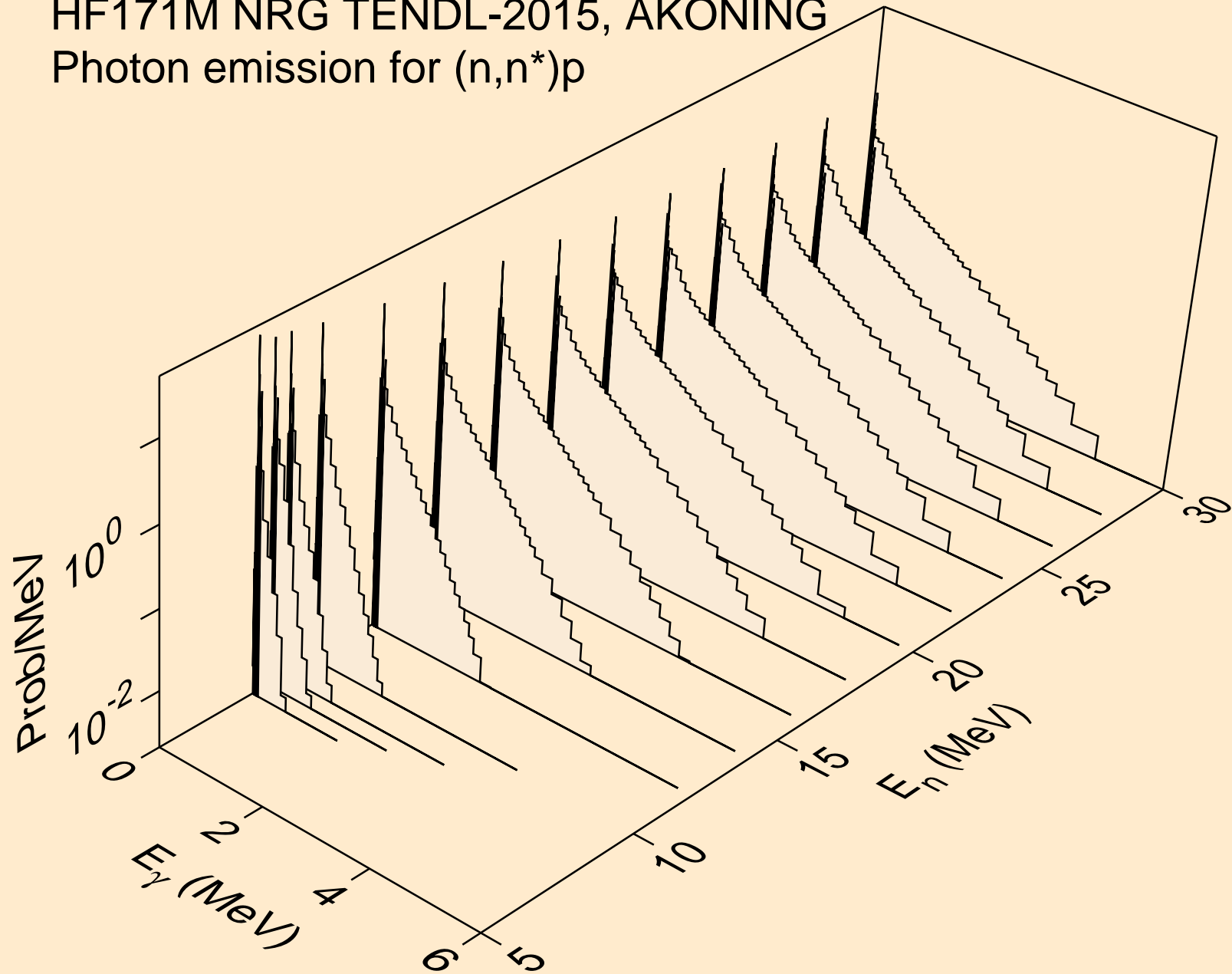




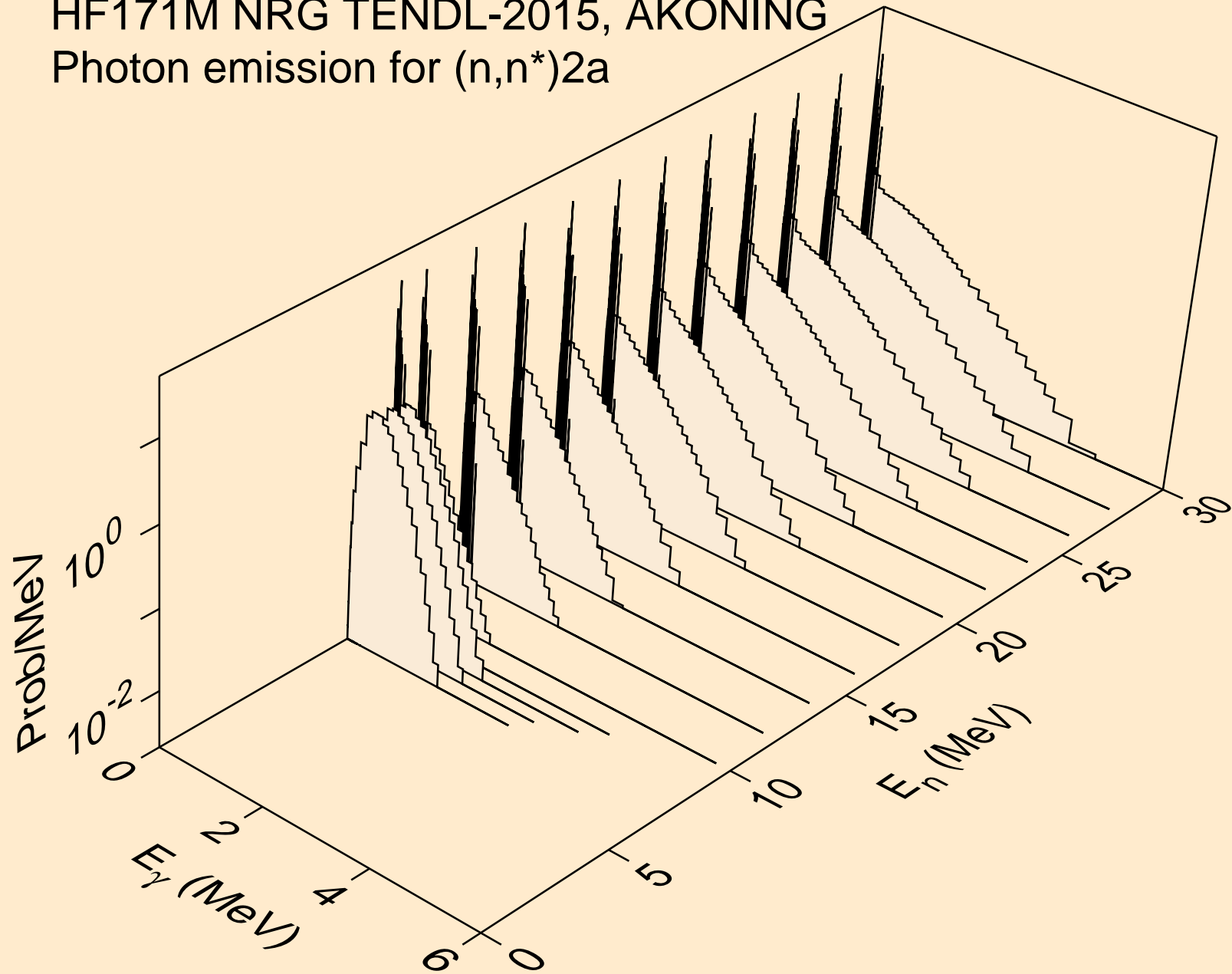
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Photon emission for (n,3n)a



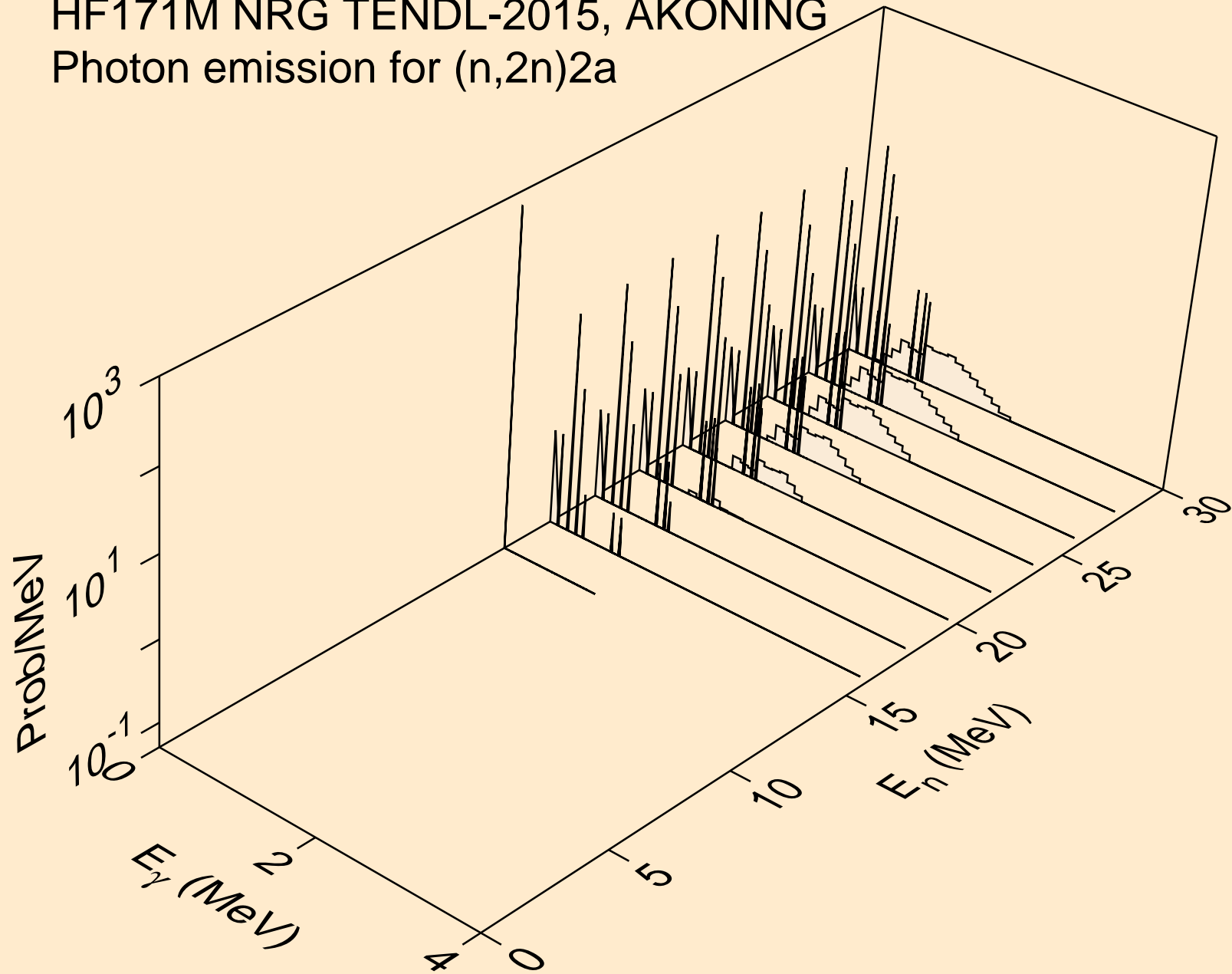
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



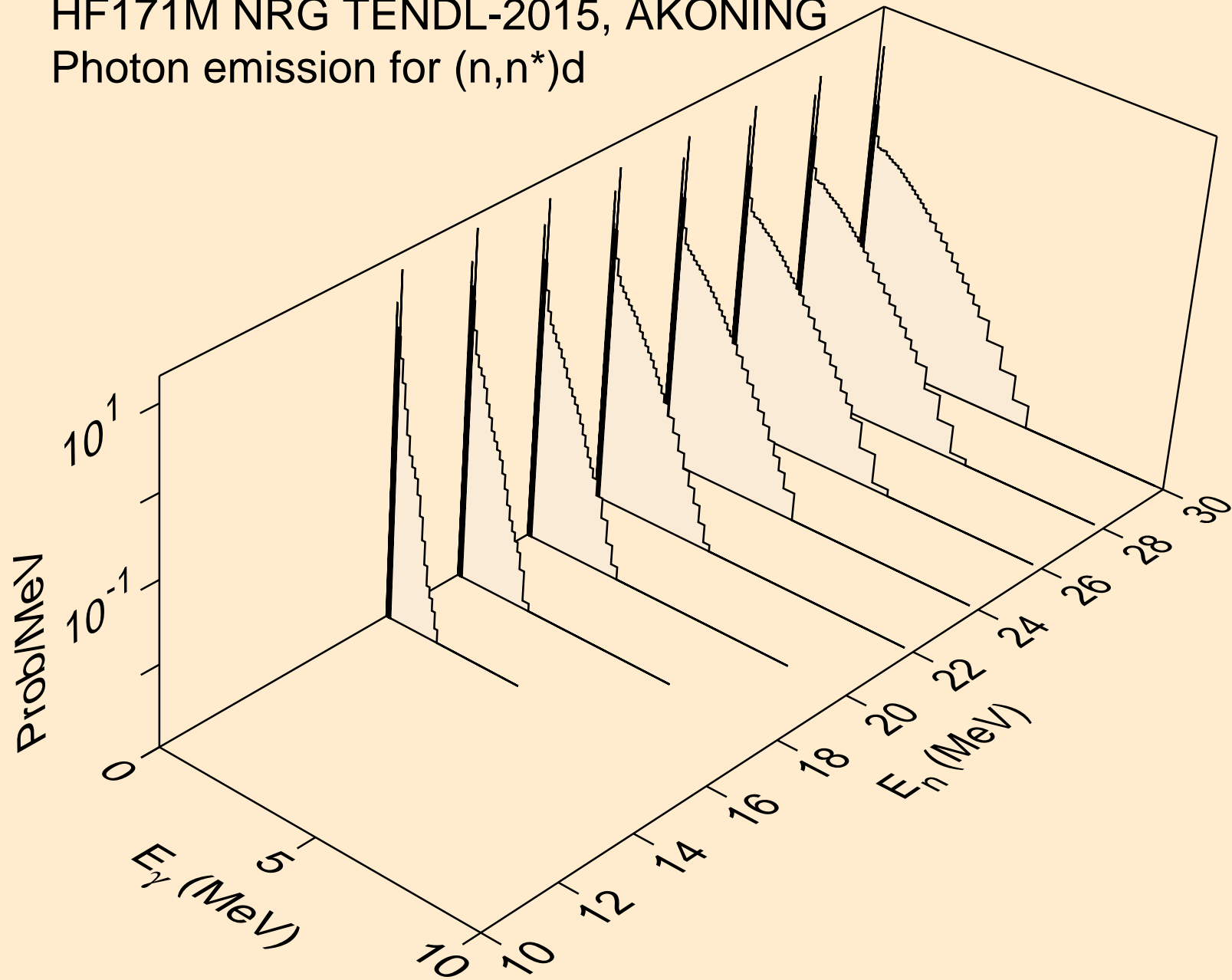
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Photon emission for (n,n\*)2a



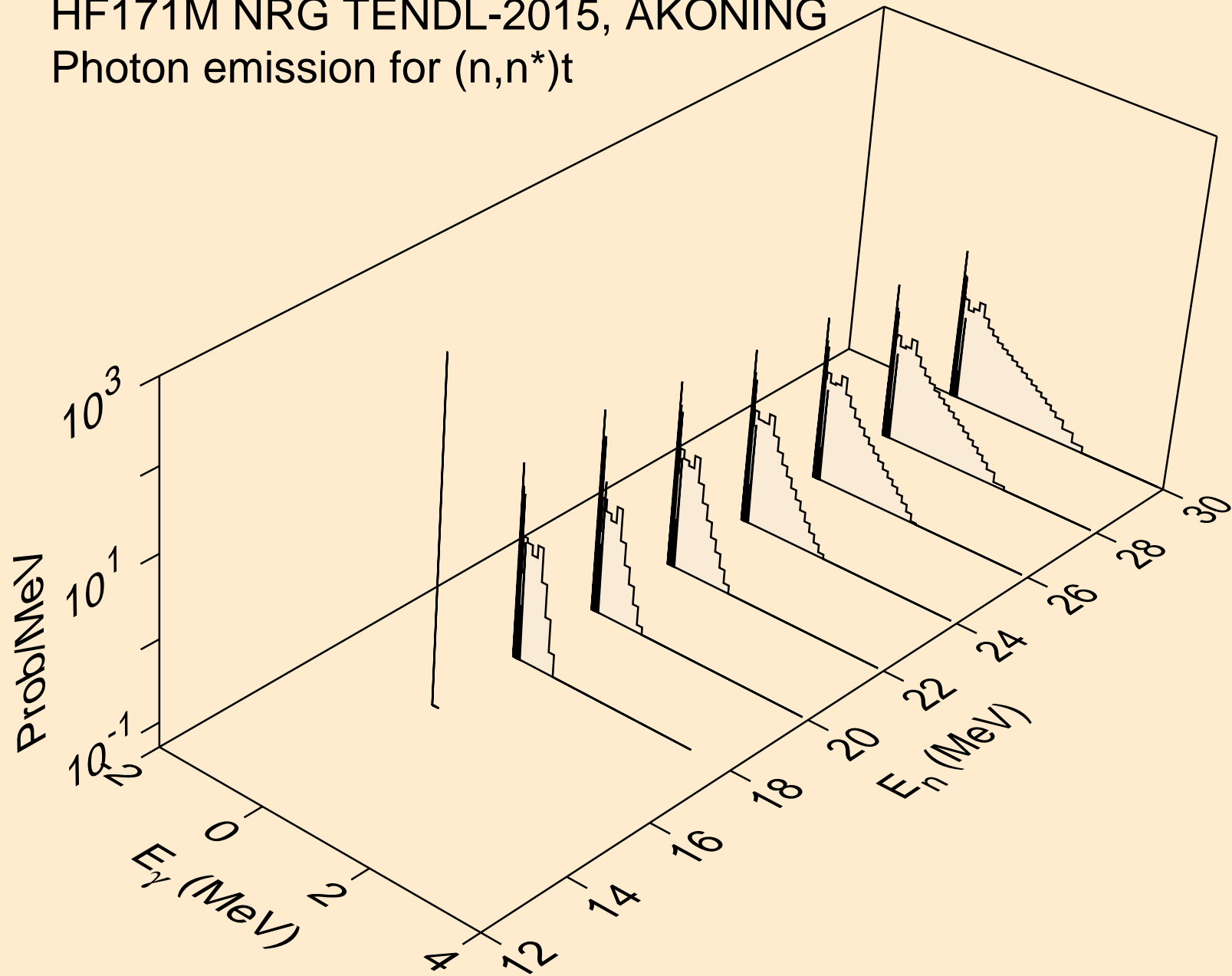
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Photon emission for (n,2n)2a



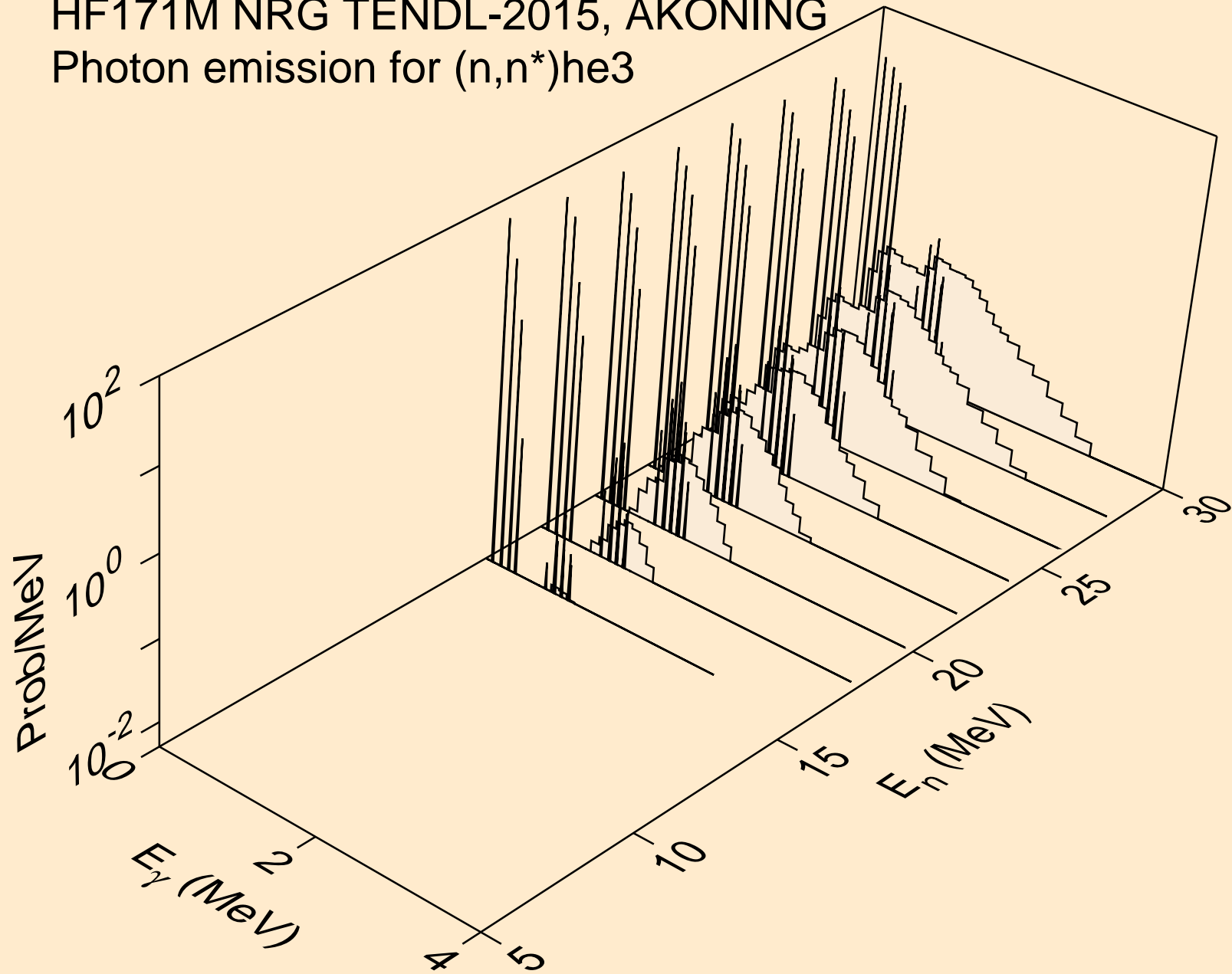
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Photon emission for (n,n\*)d



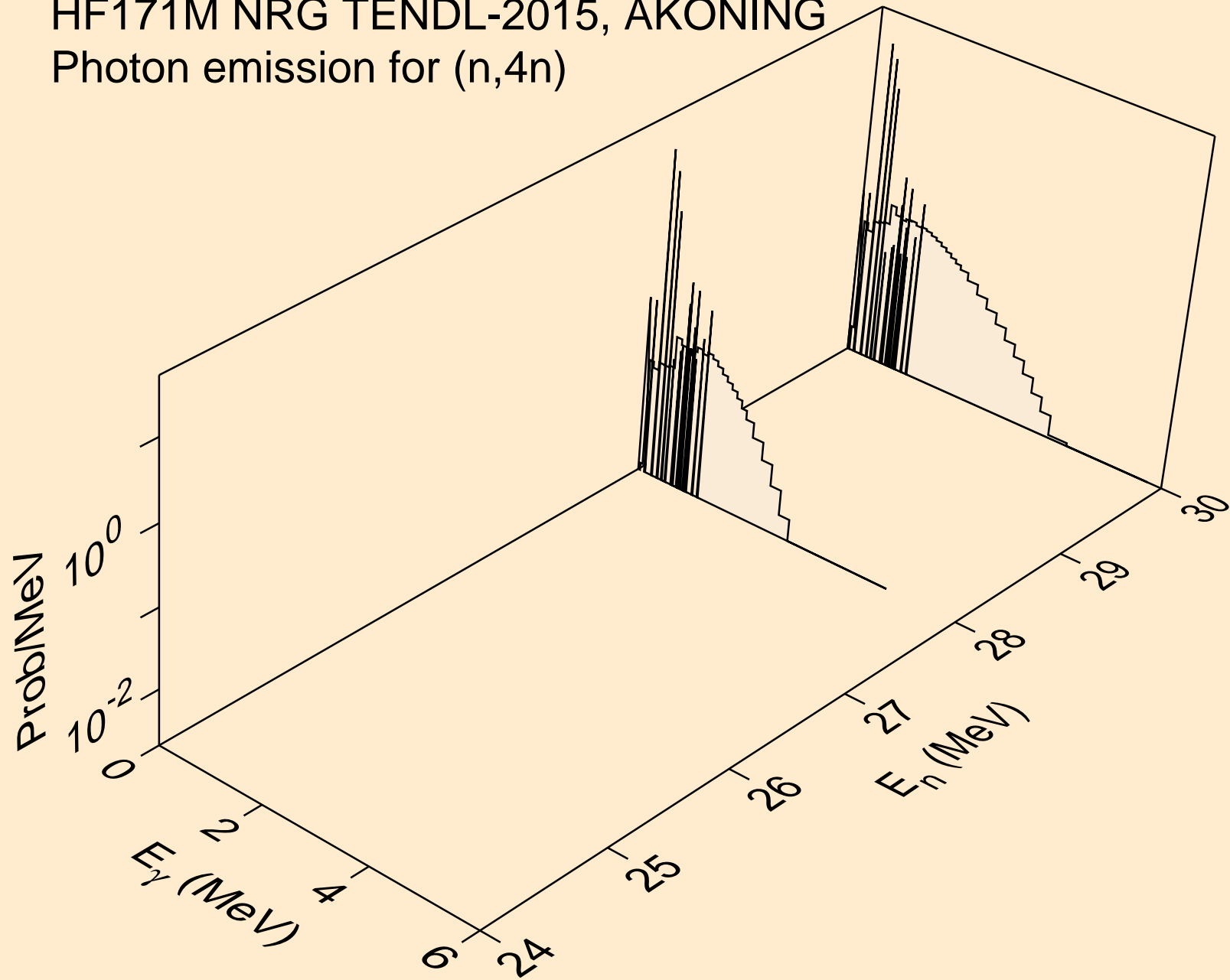
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

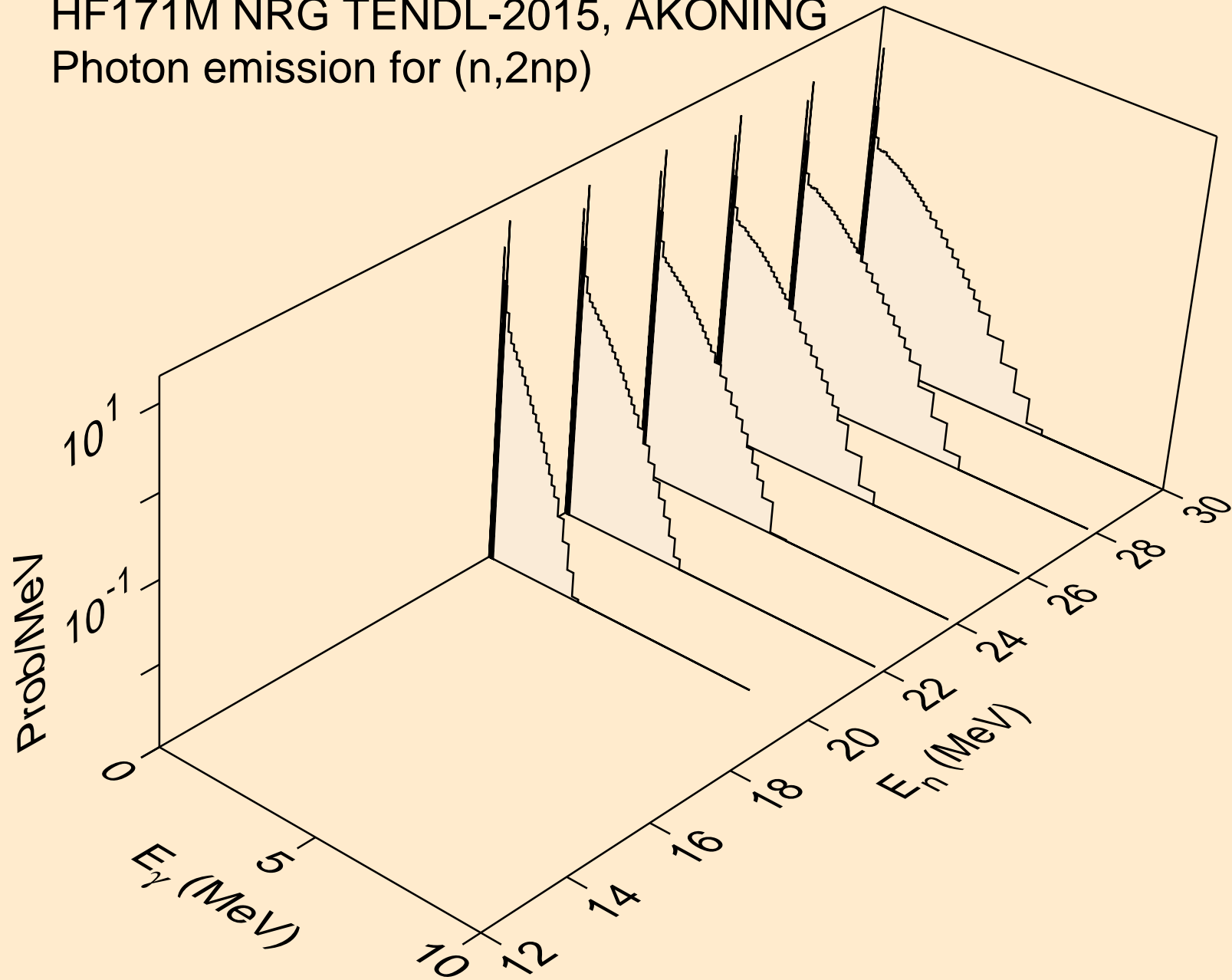


HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

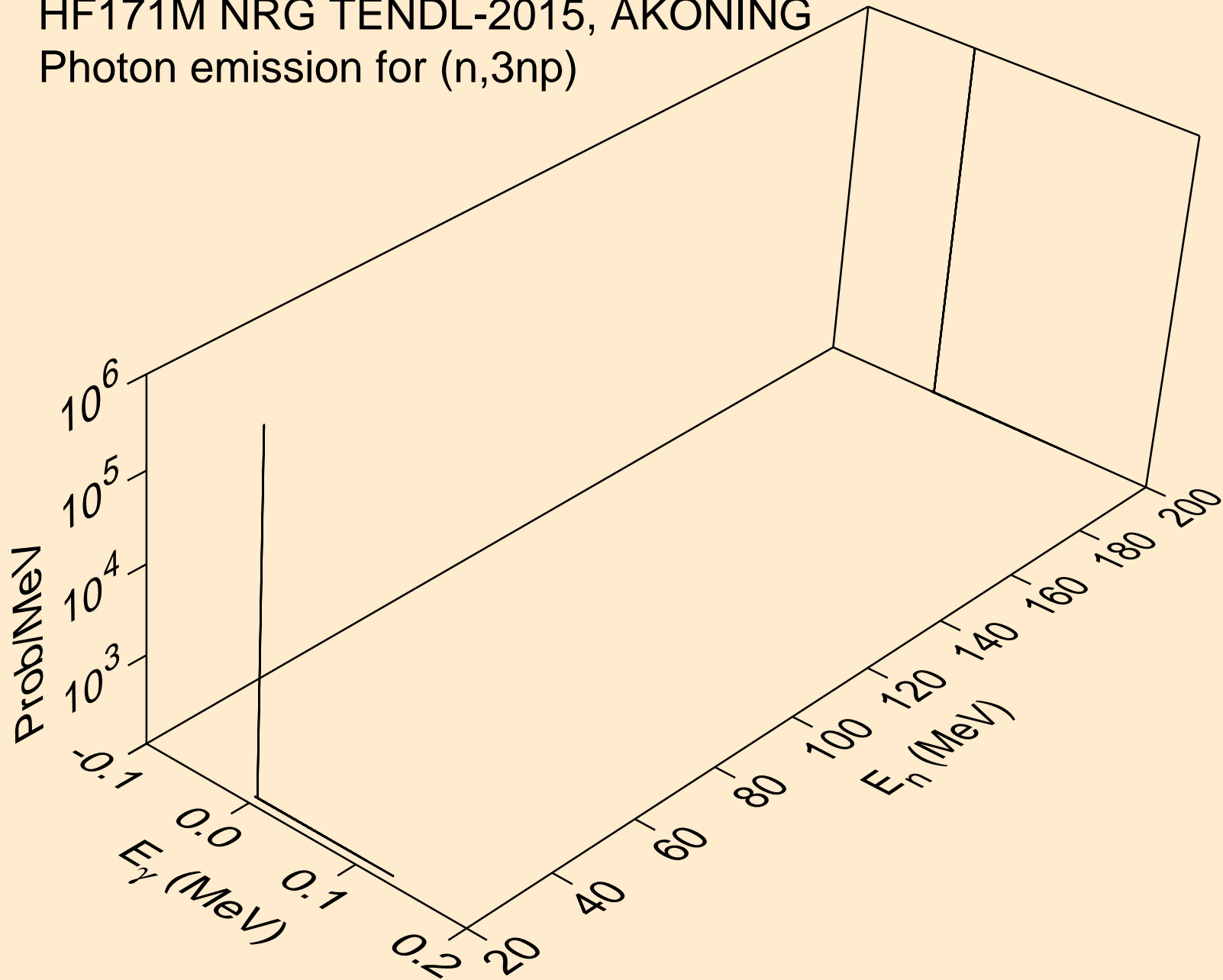




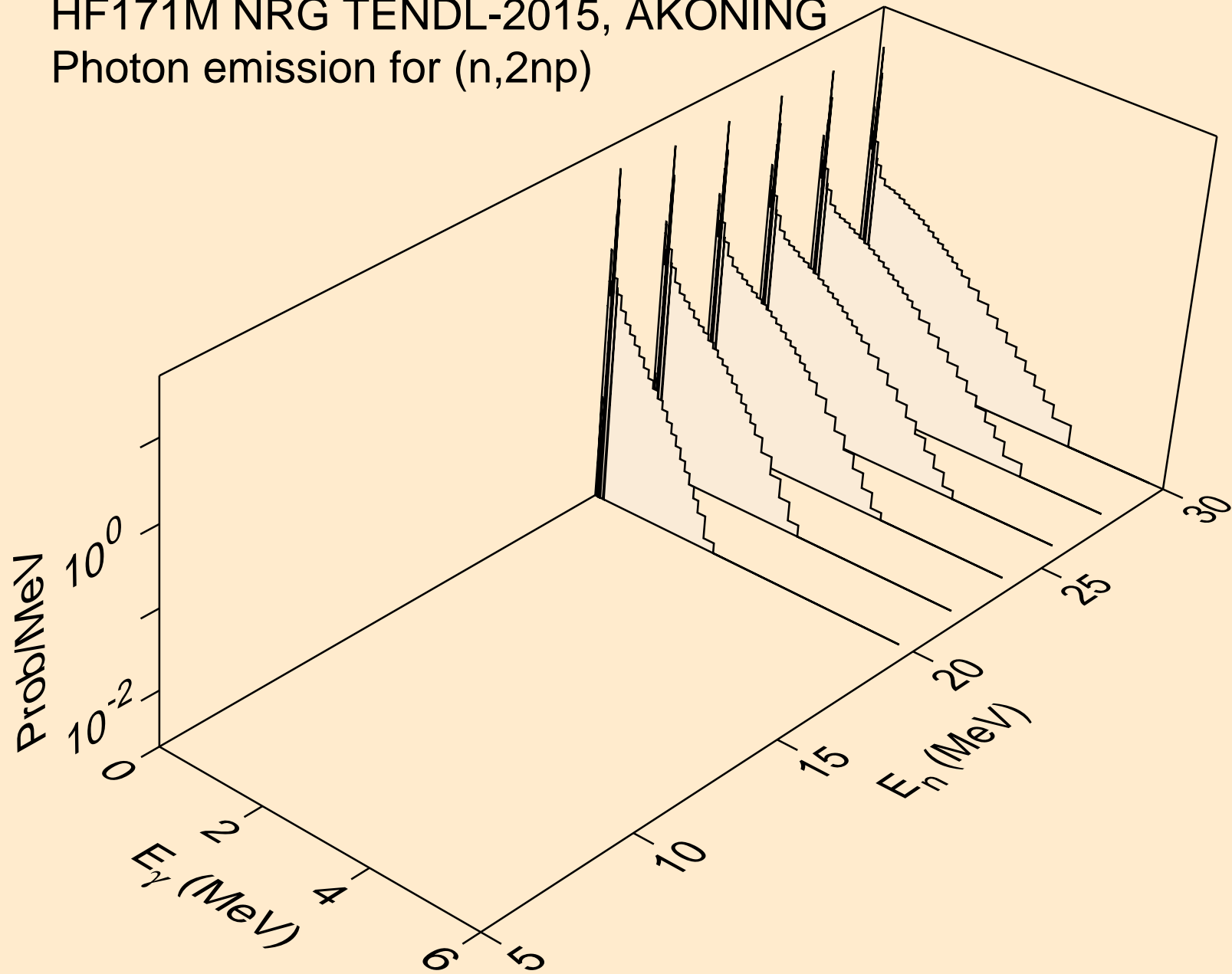
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



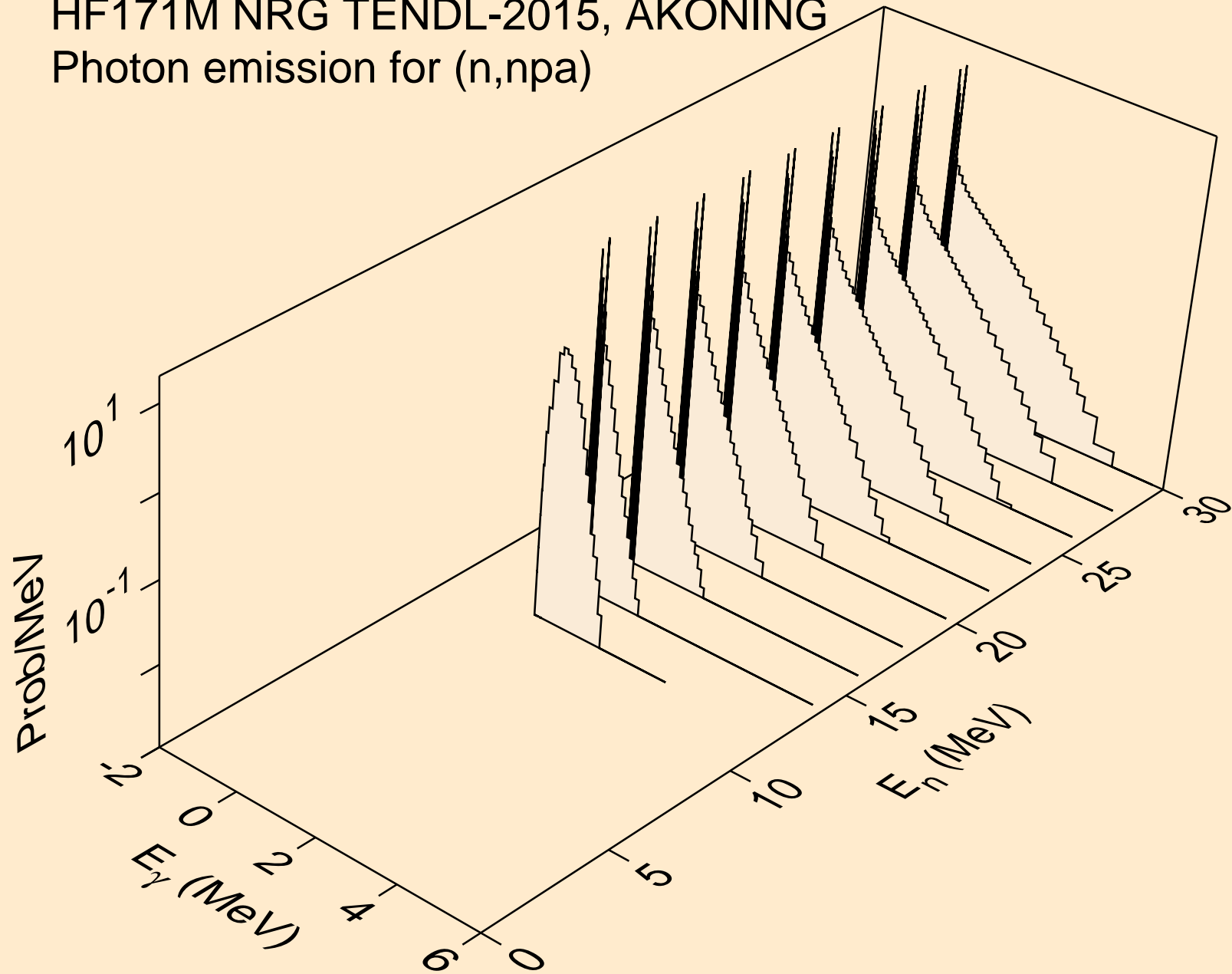
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Photon emission for (n,3np)



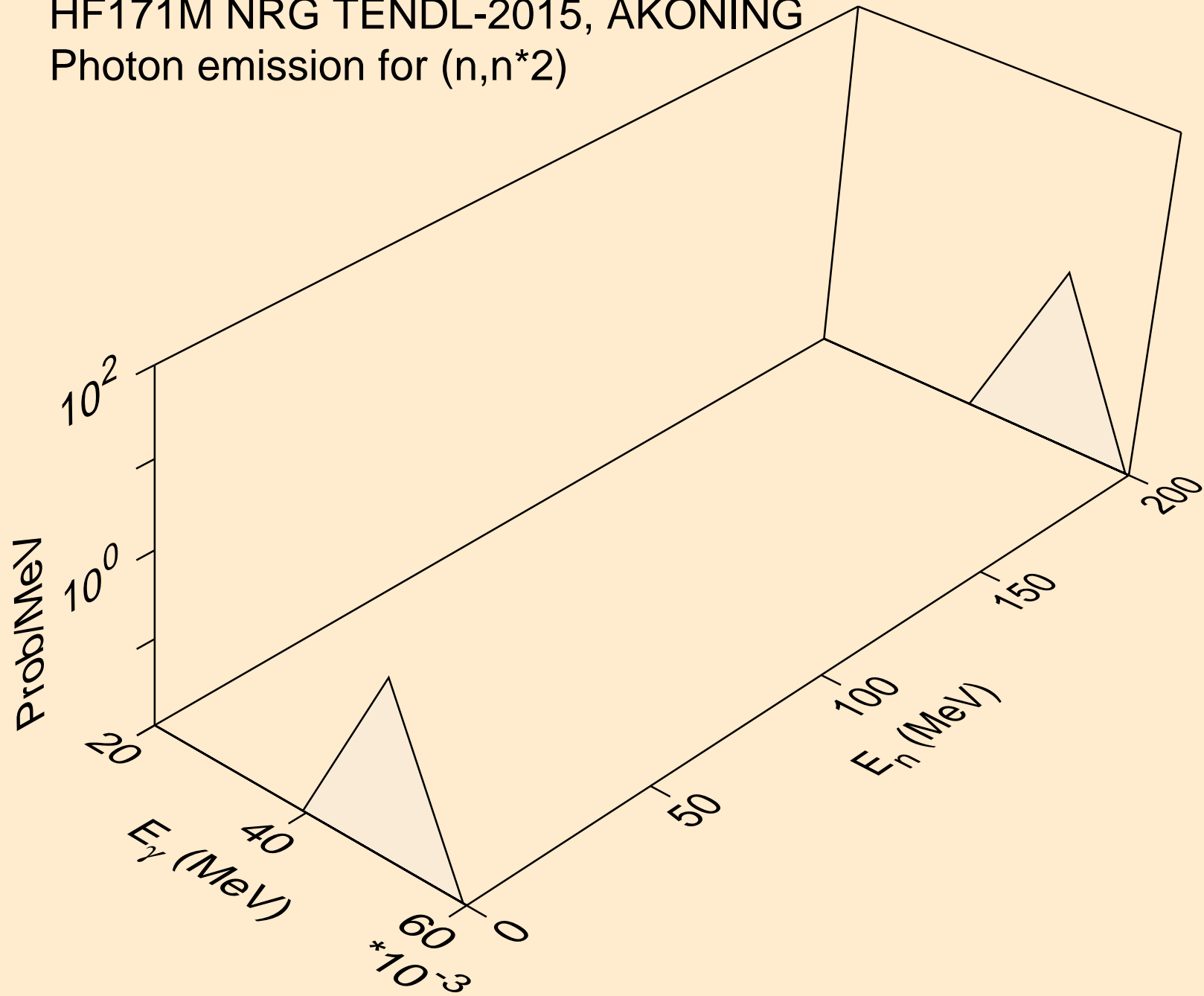
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



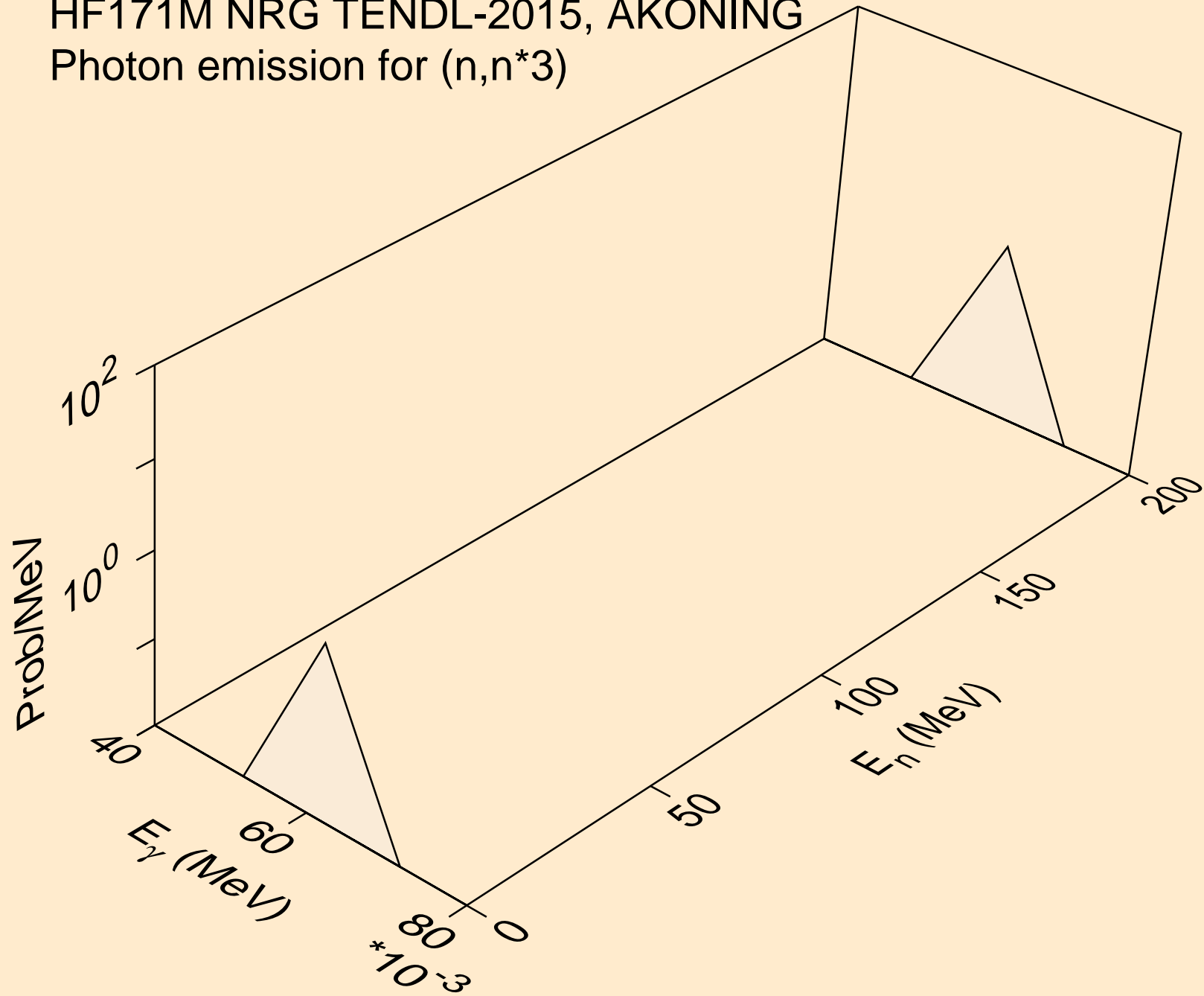
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



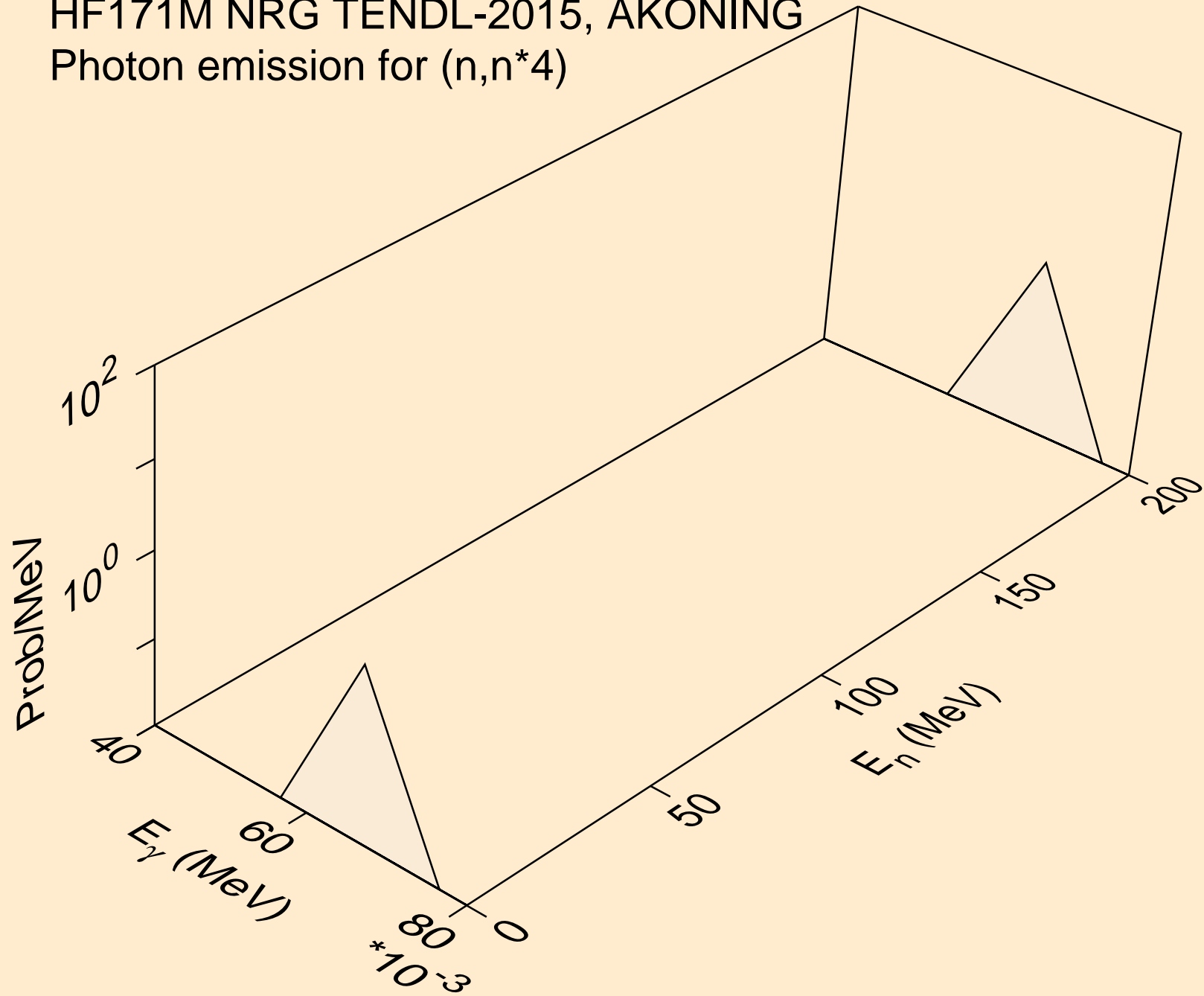
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



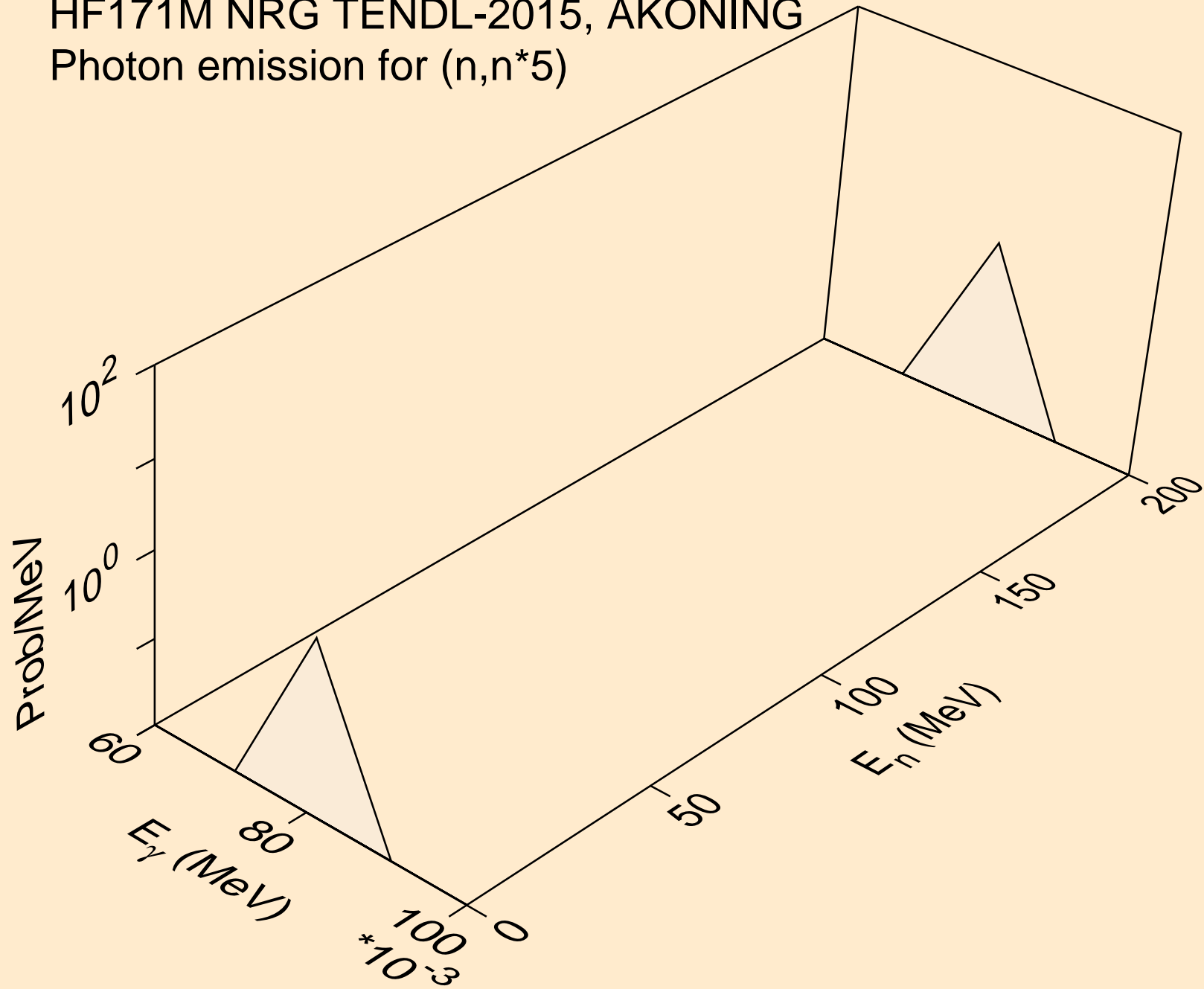
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)



HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)

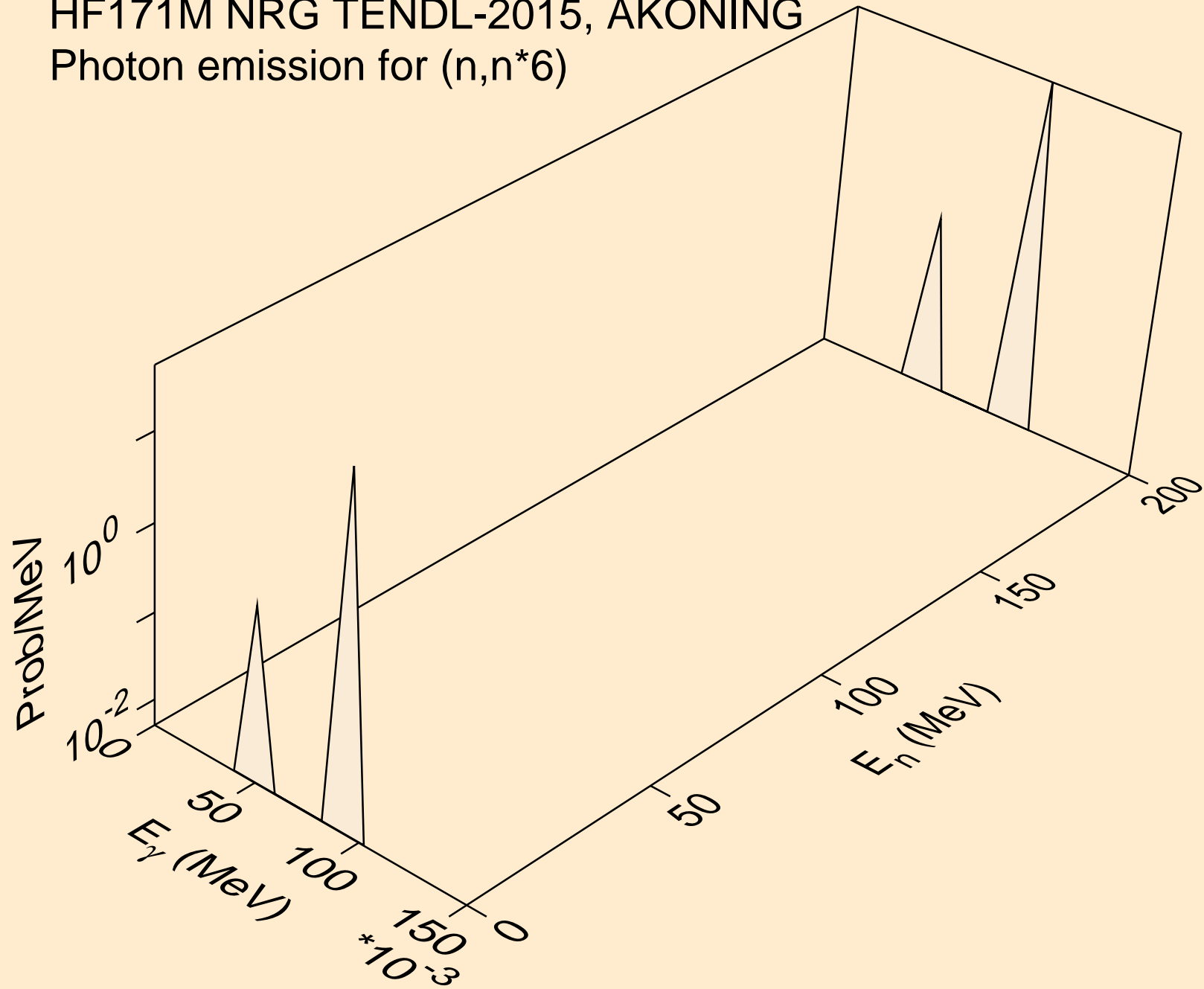


HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)

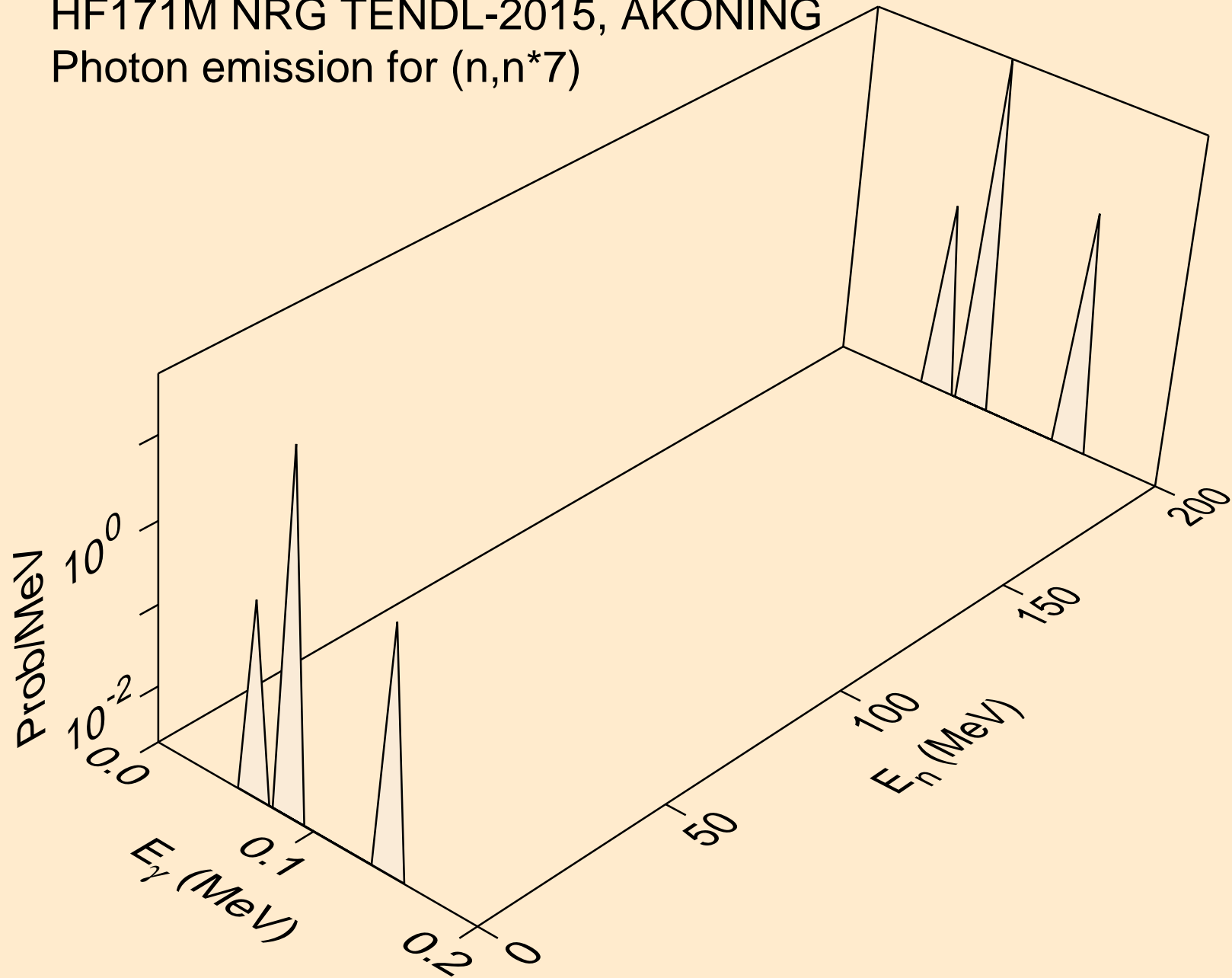




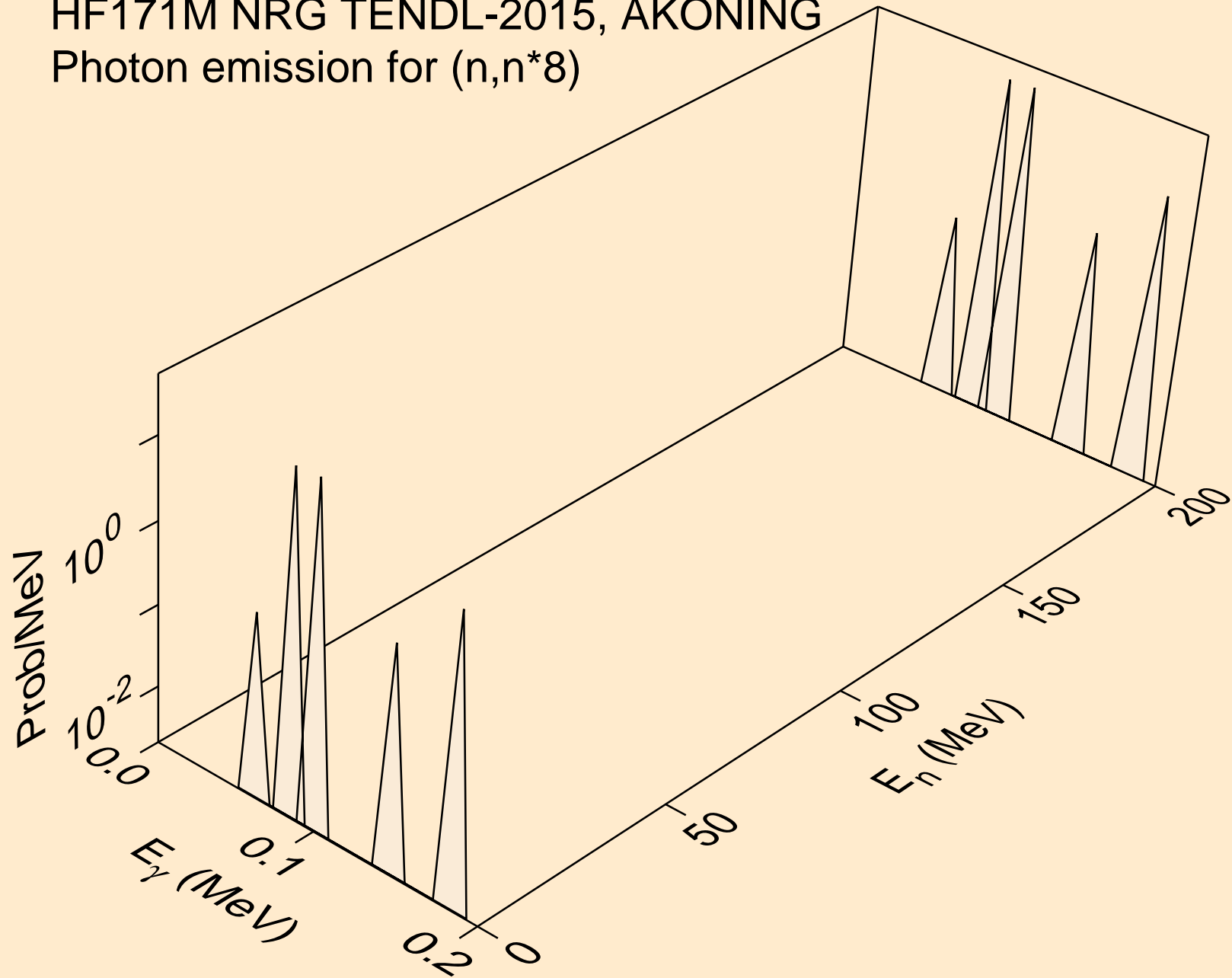
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)



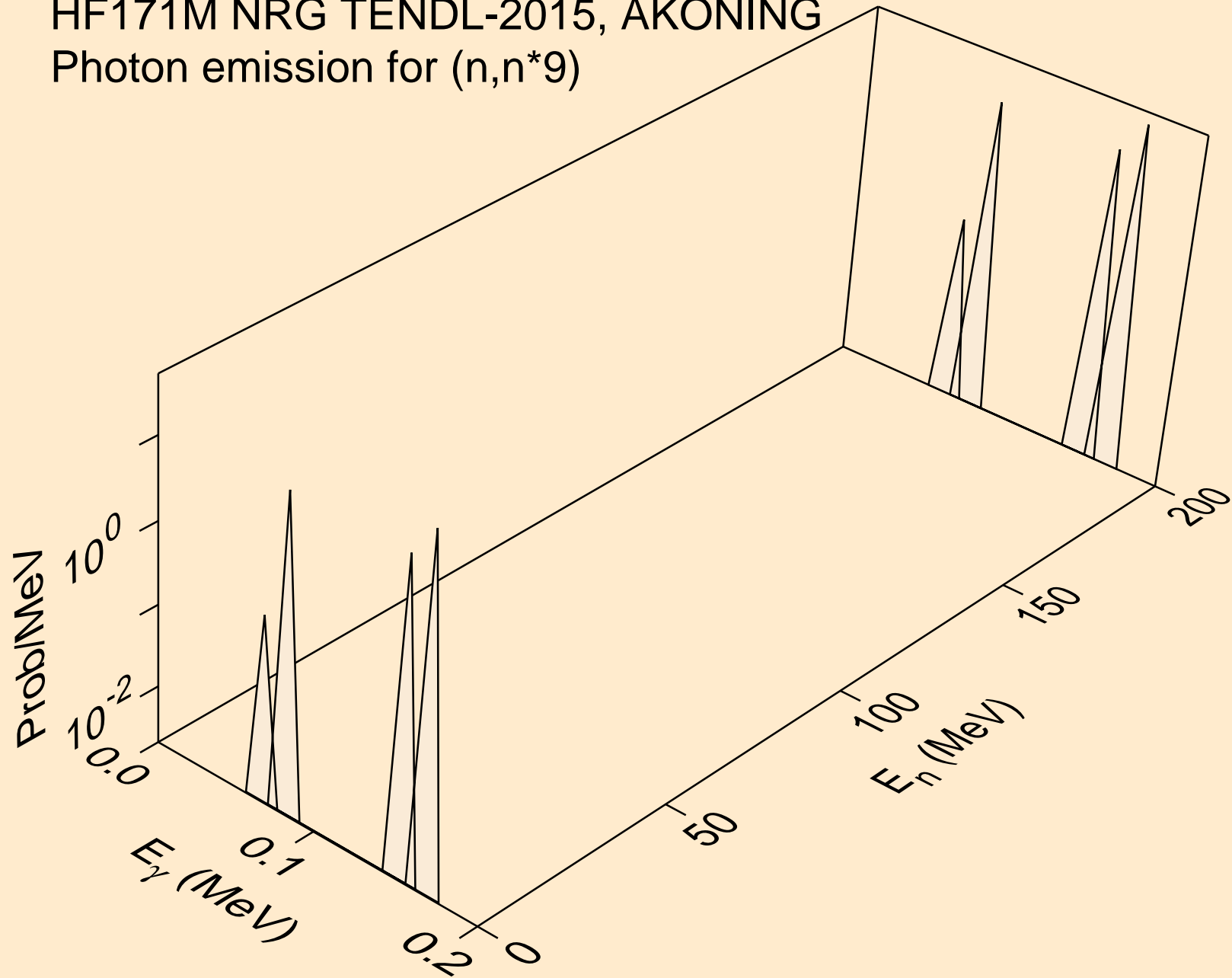
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



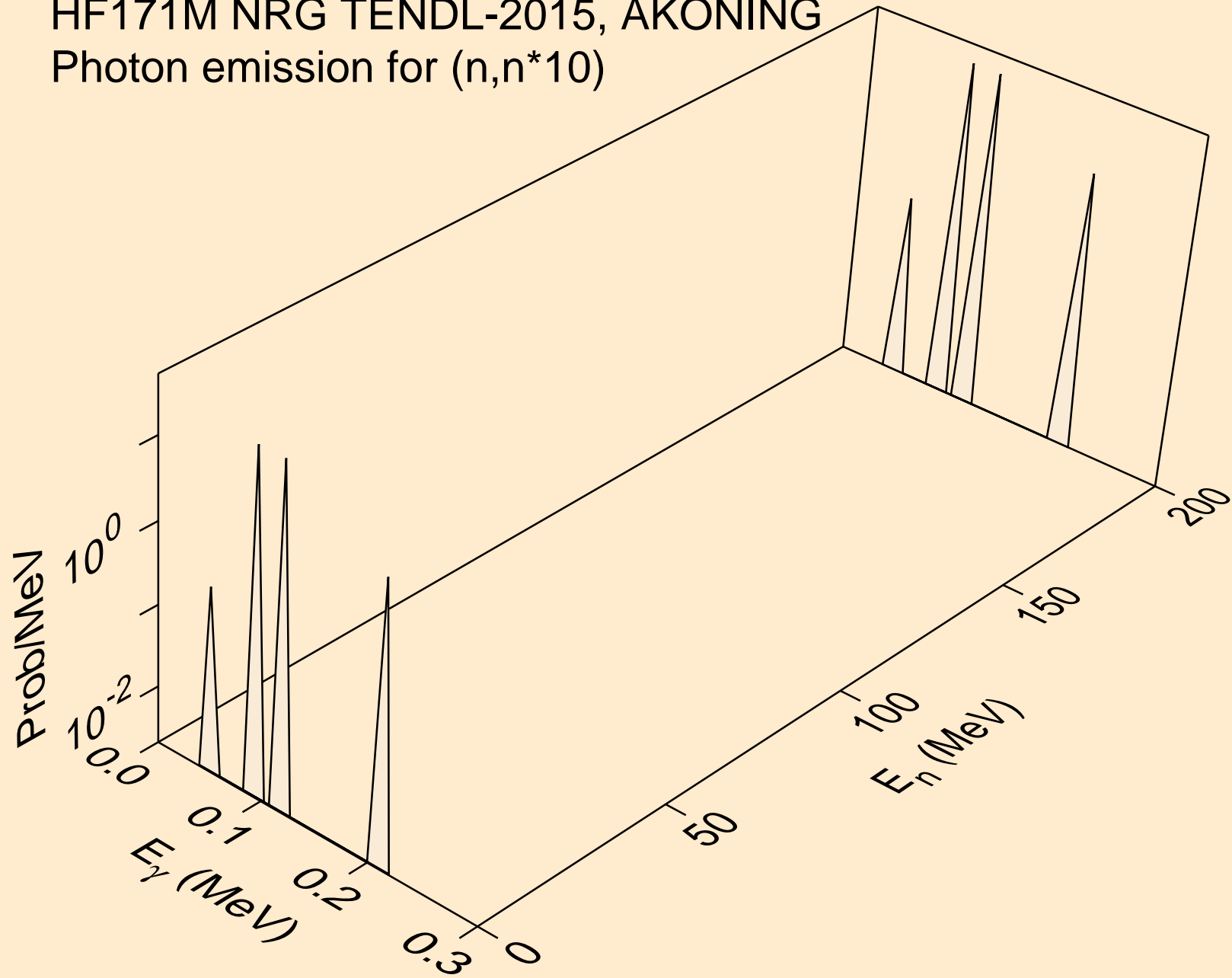
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)



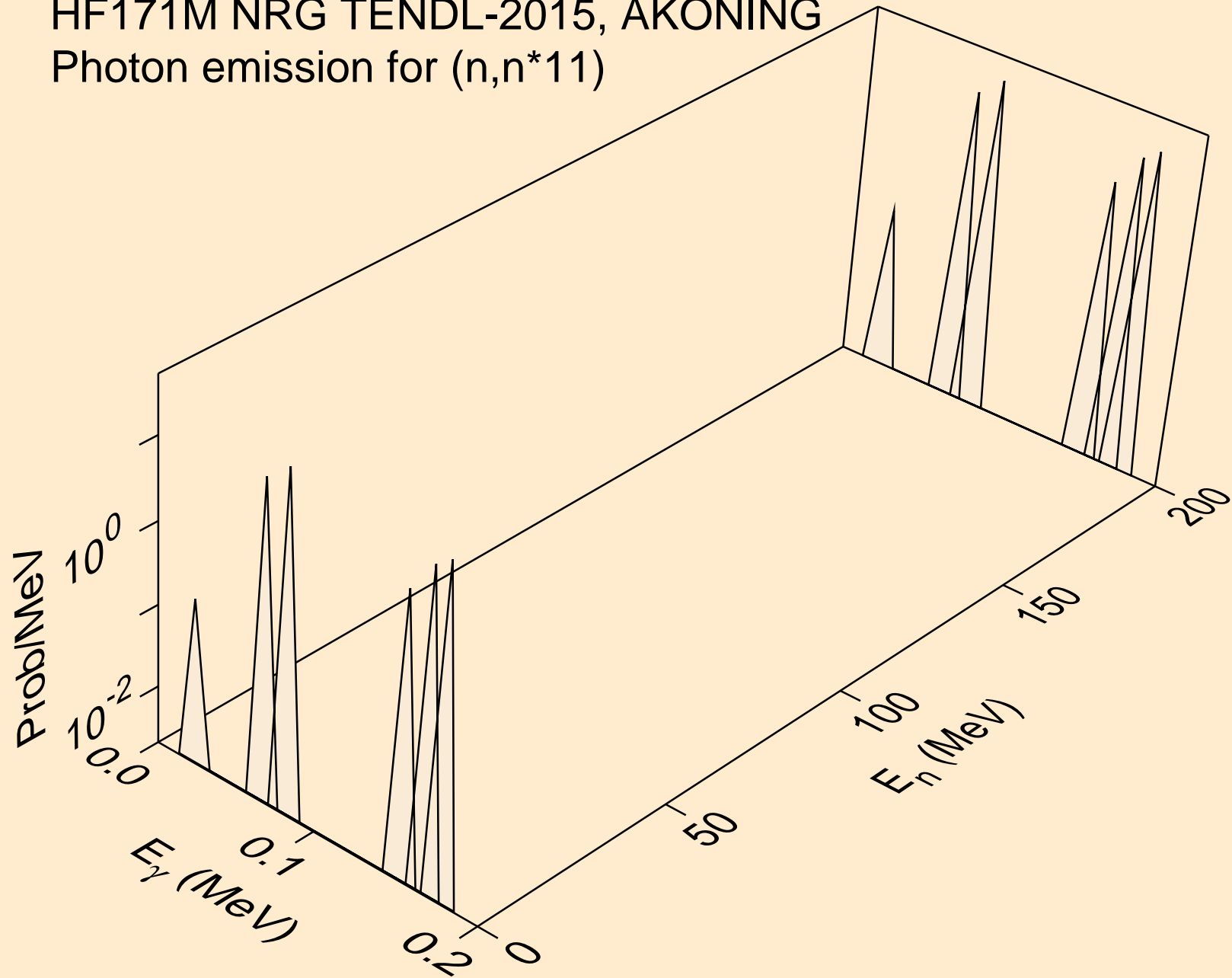
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)



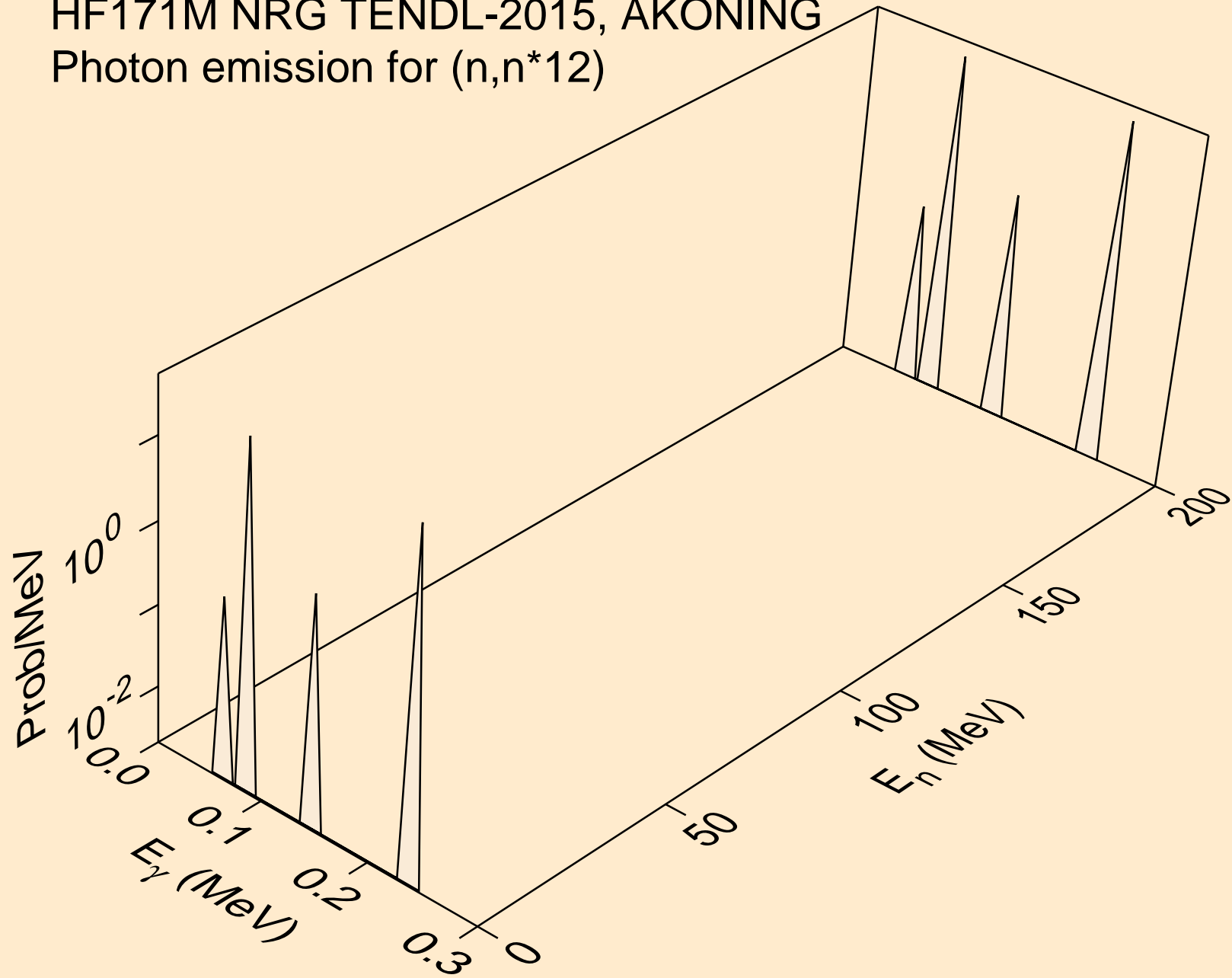
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)



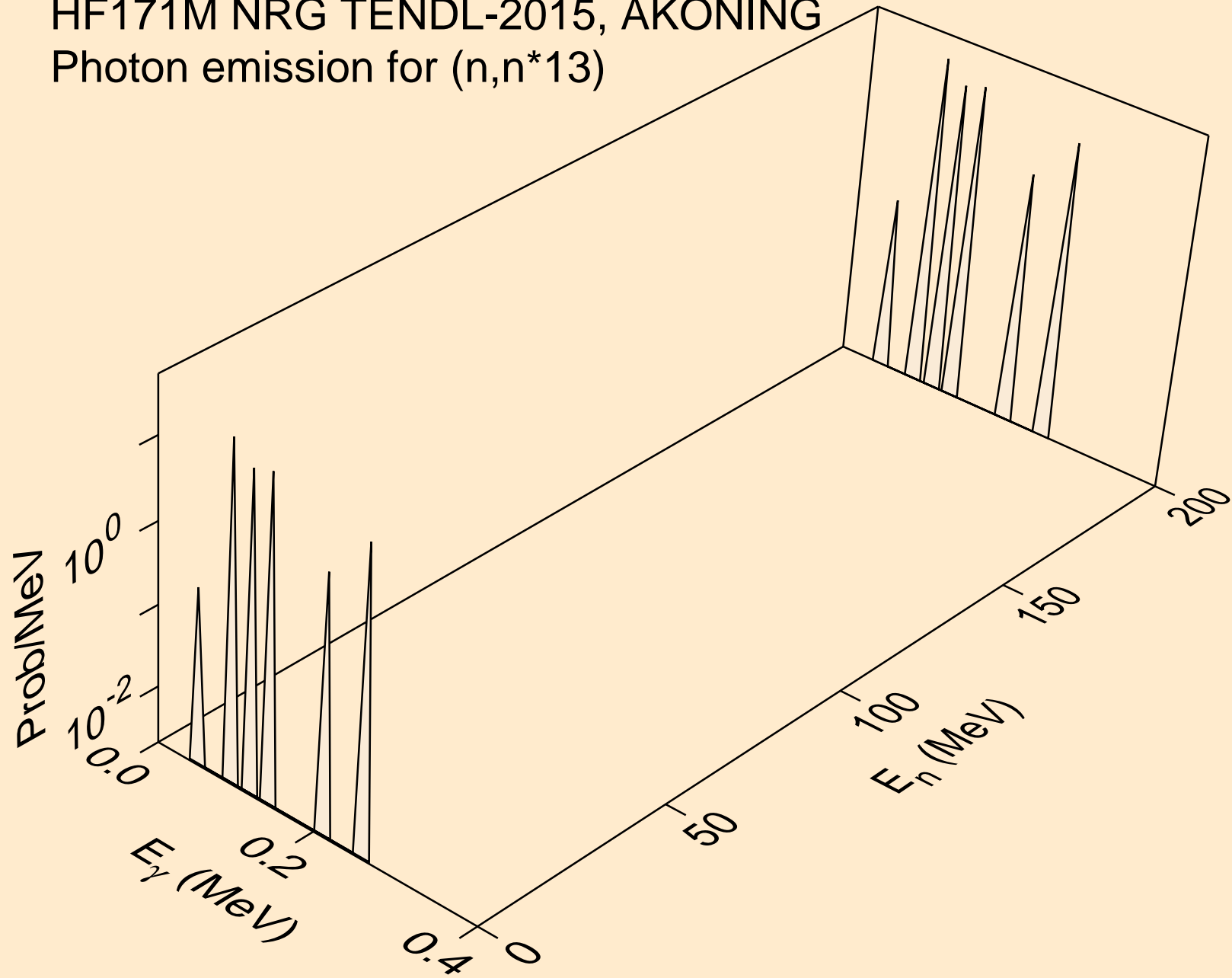
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)



HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*12)

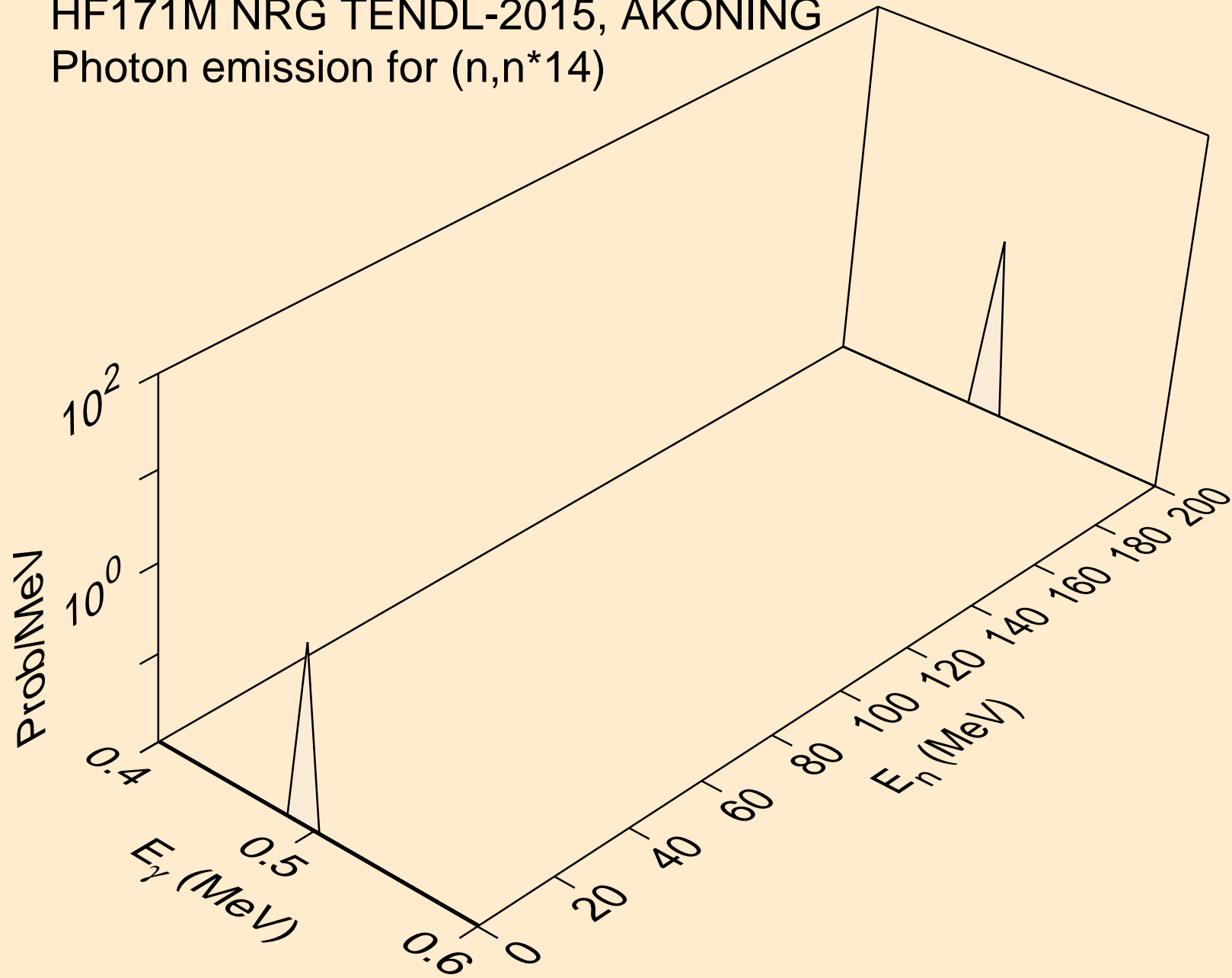


HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)

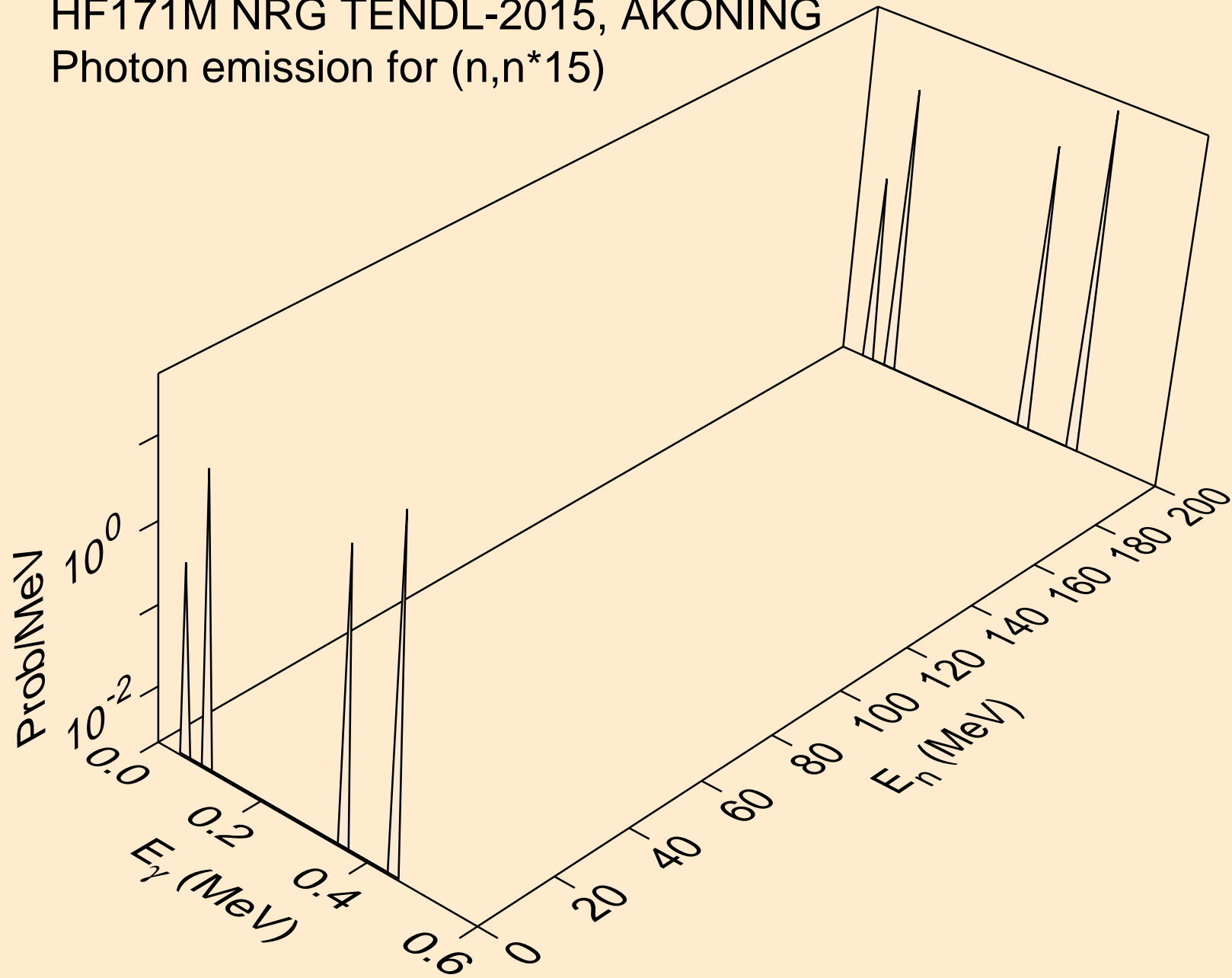




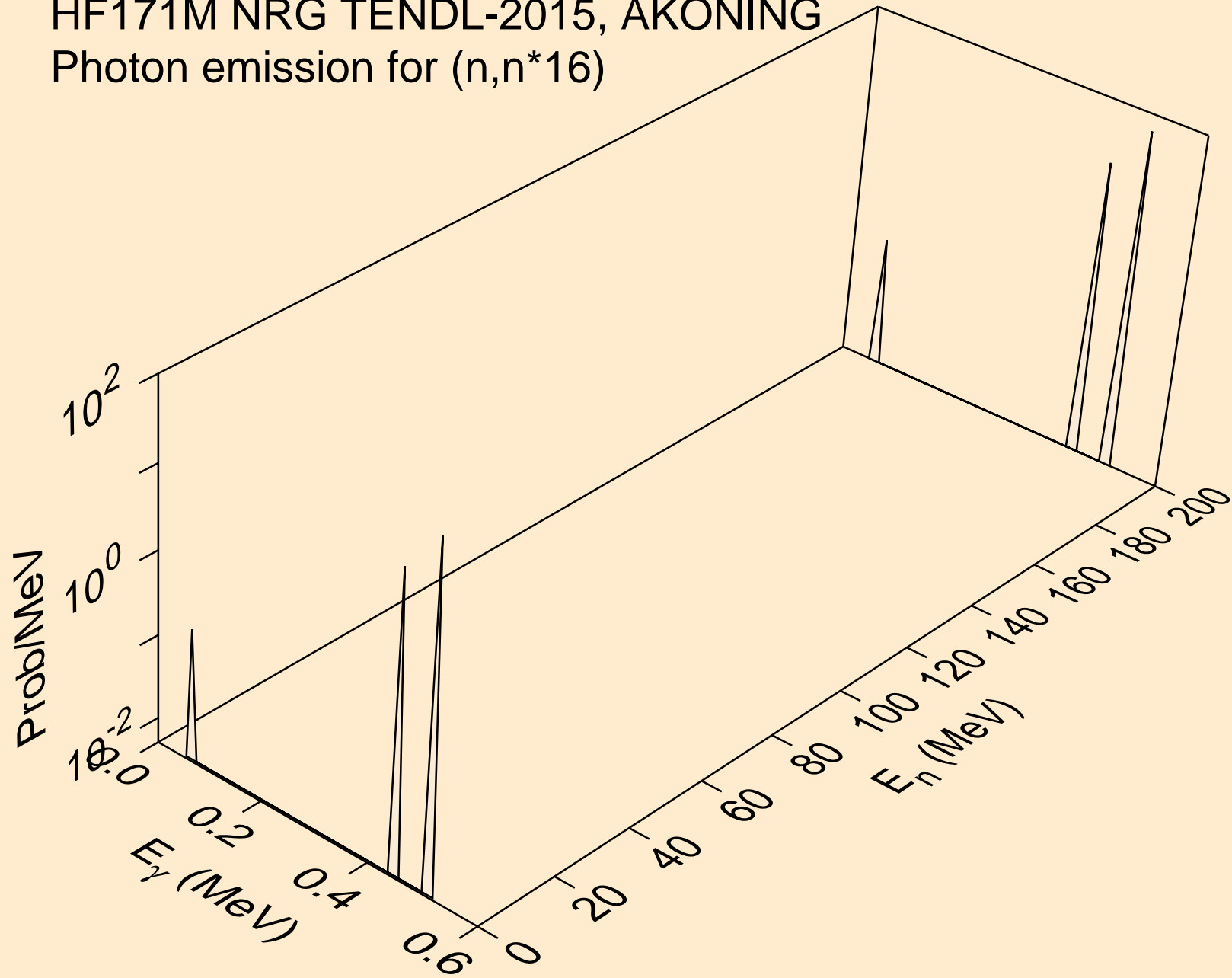
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Photon emission for (n,n\*14)



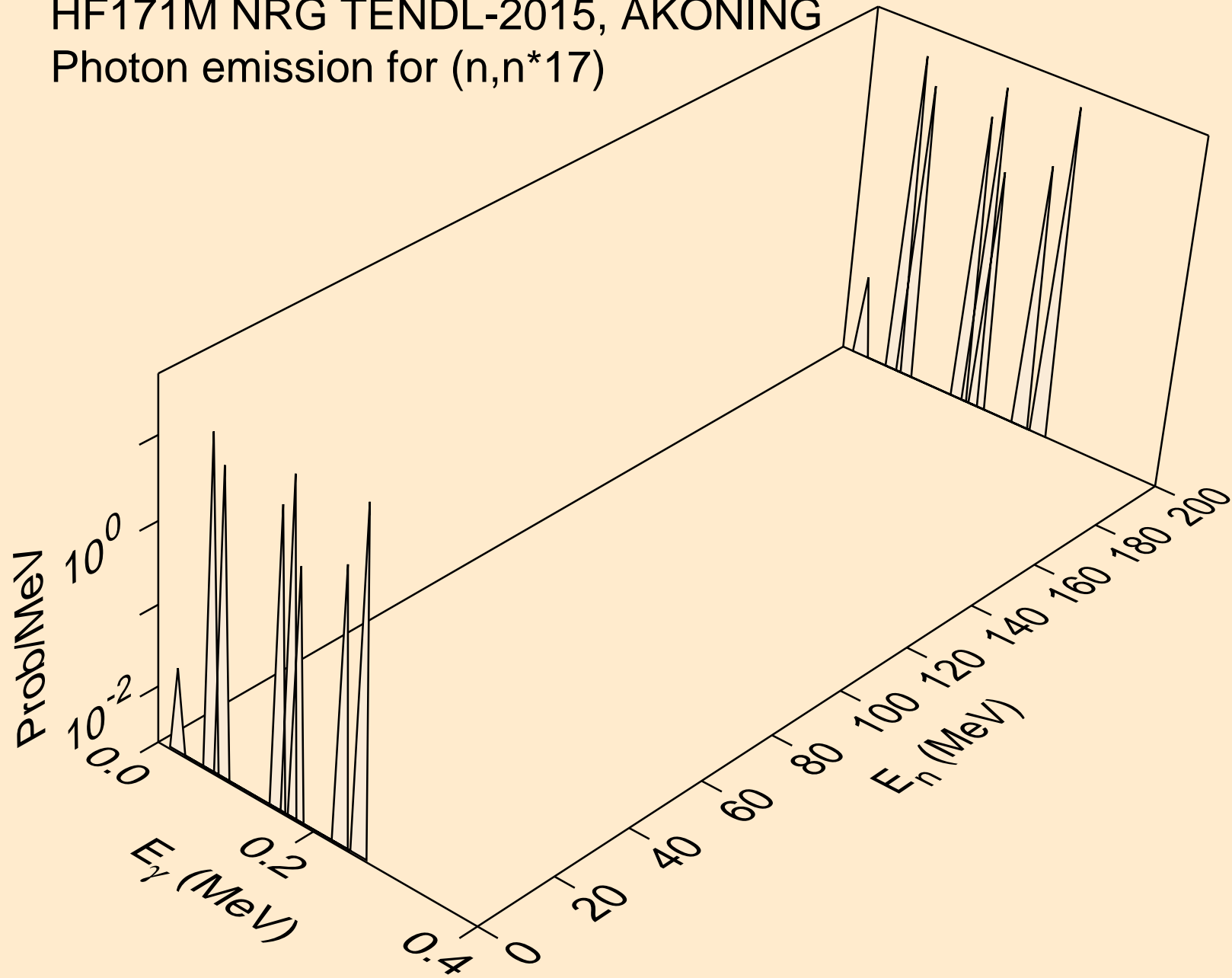
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Photon emission for (n,n\*15)



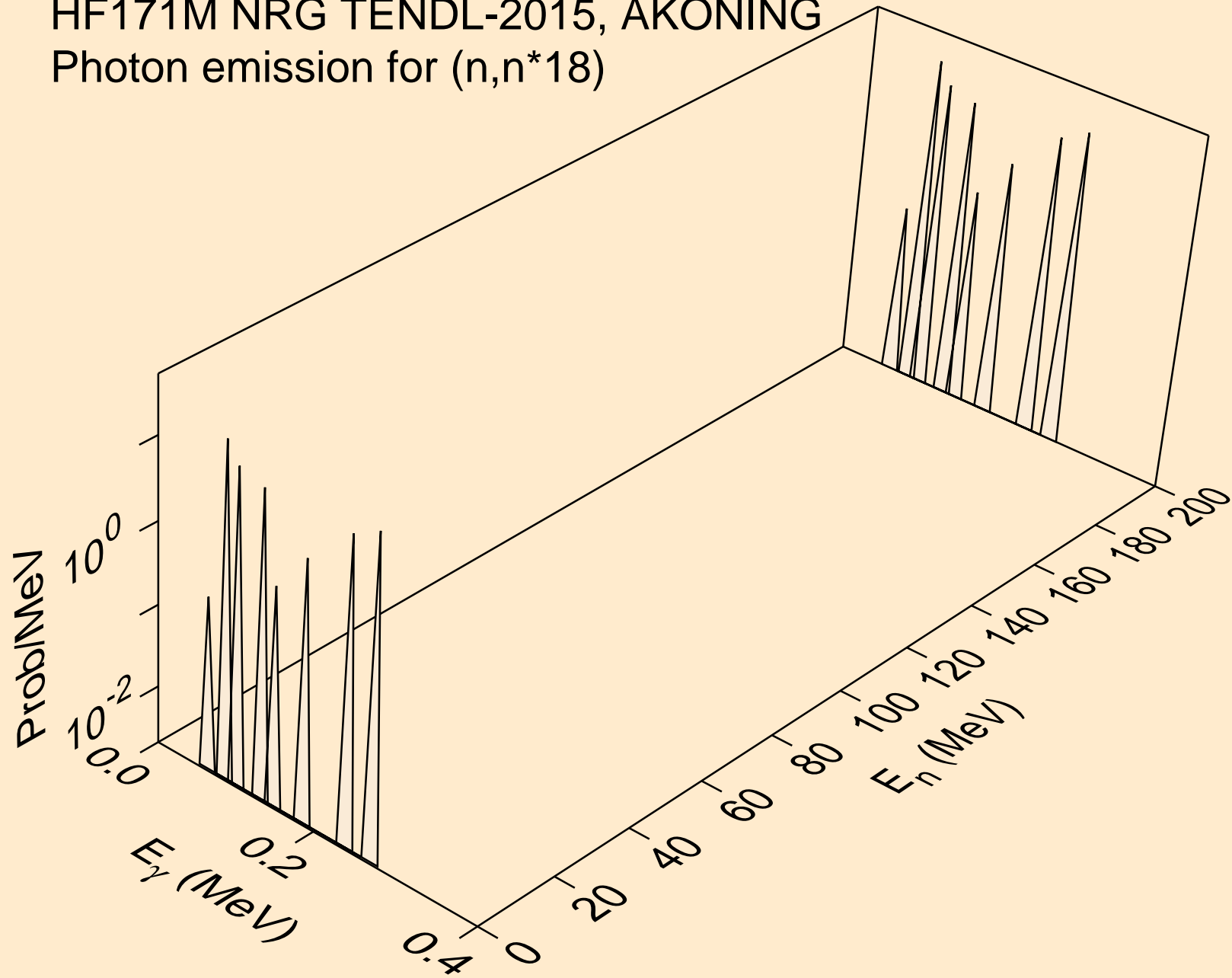
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*16)



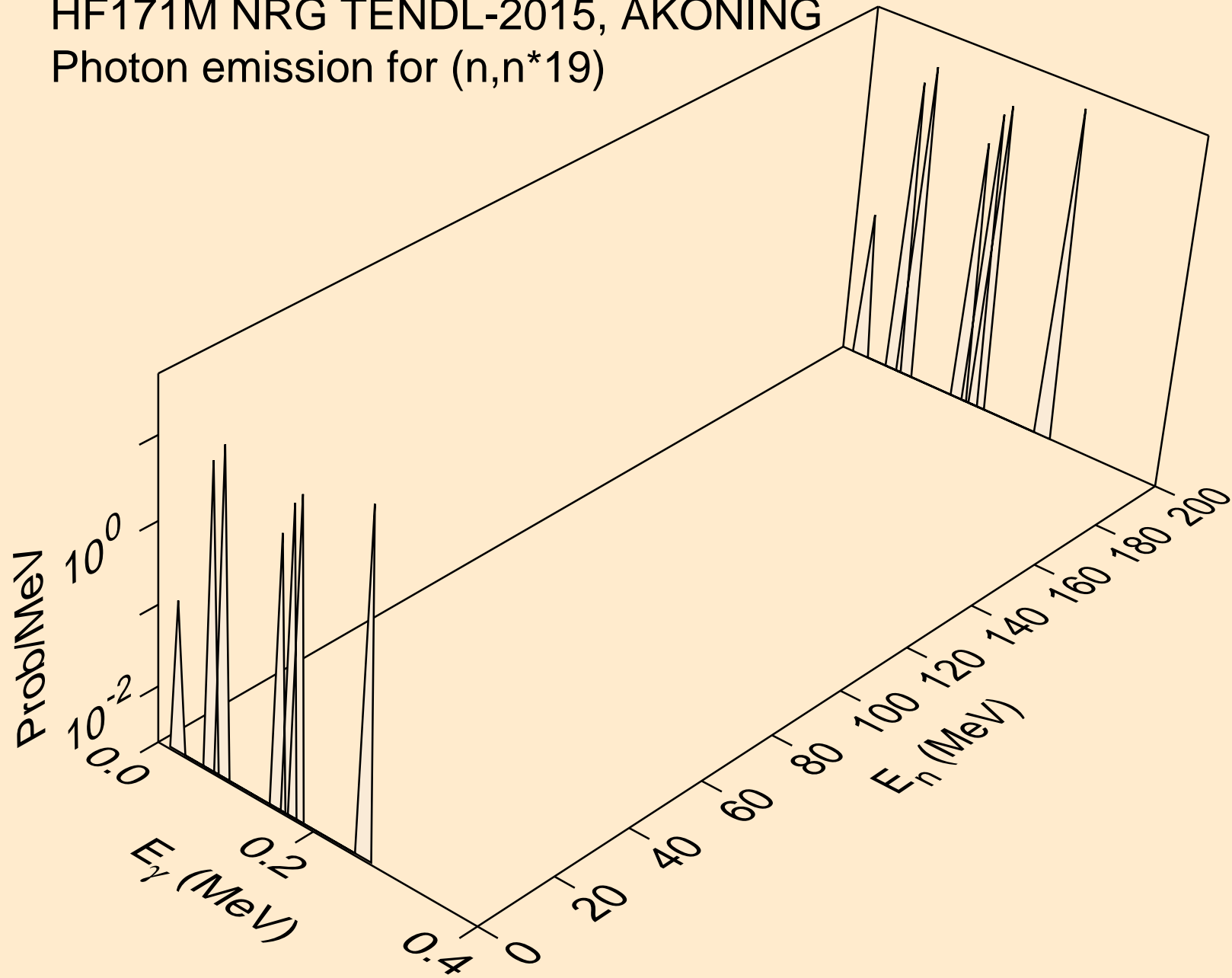
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*17)



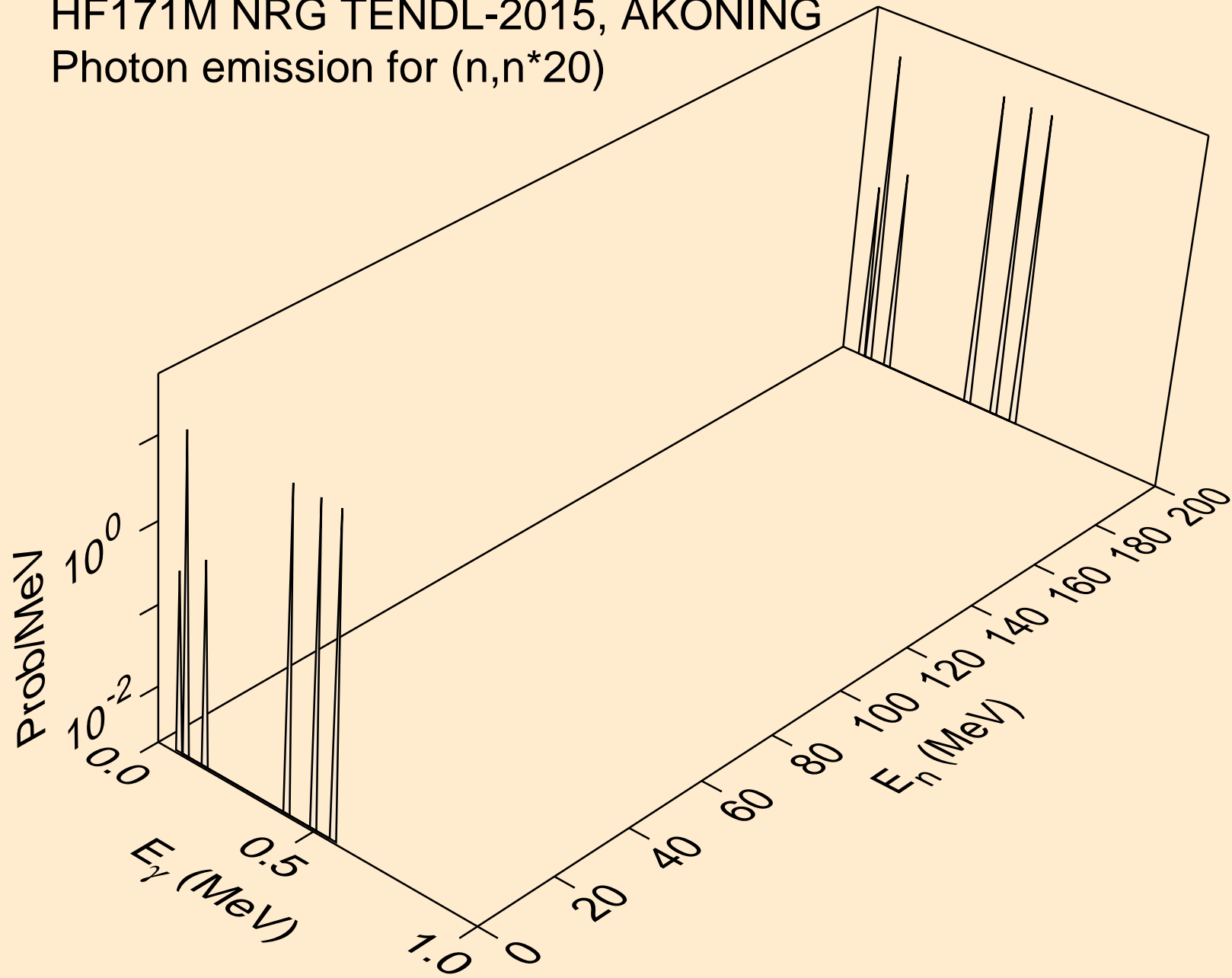
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)



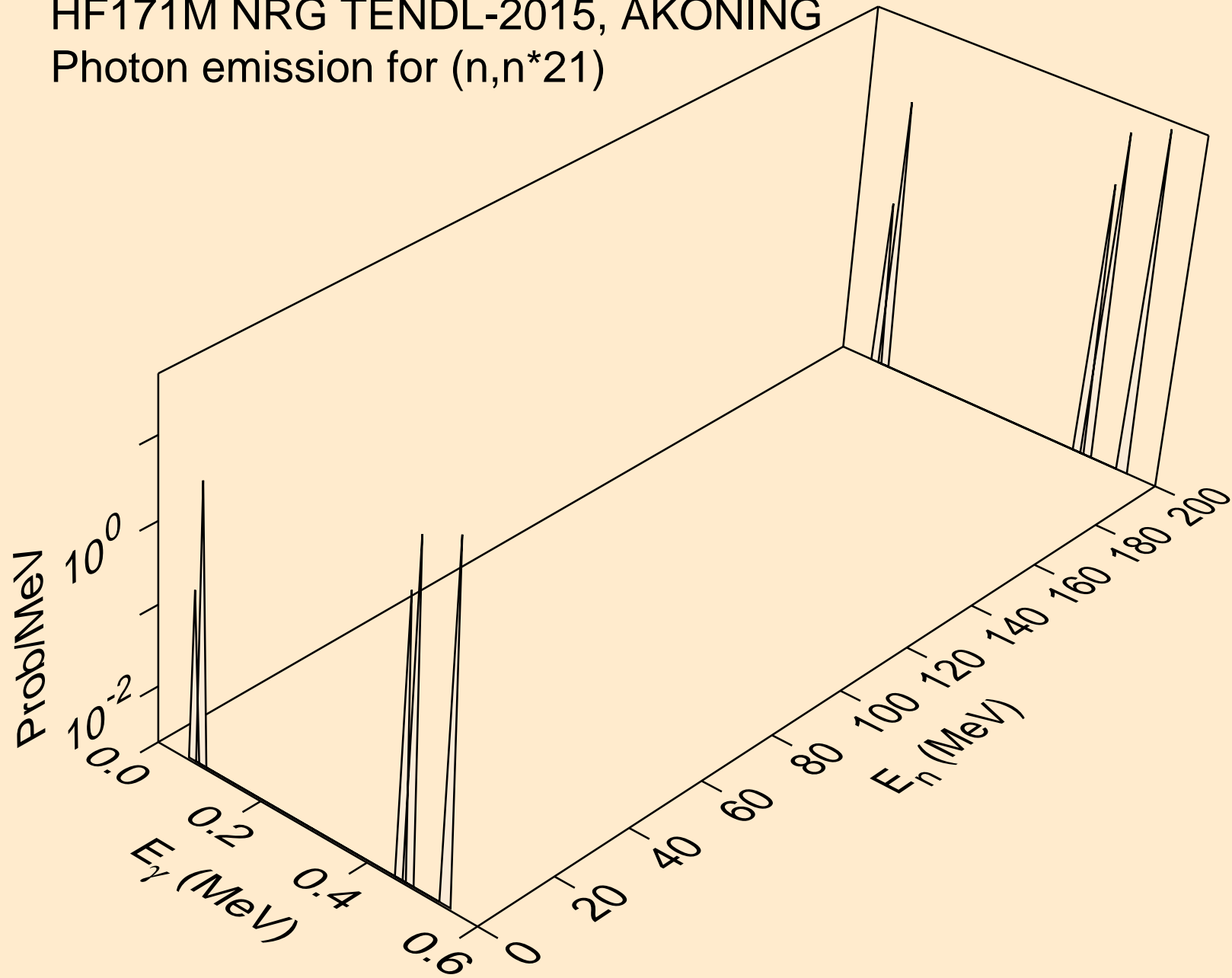
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)



HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*20)

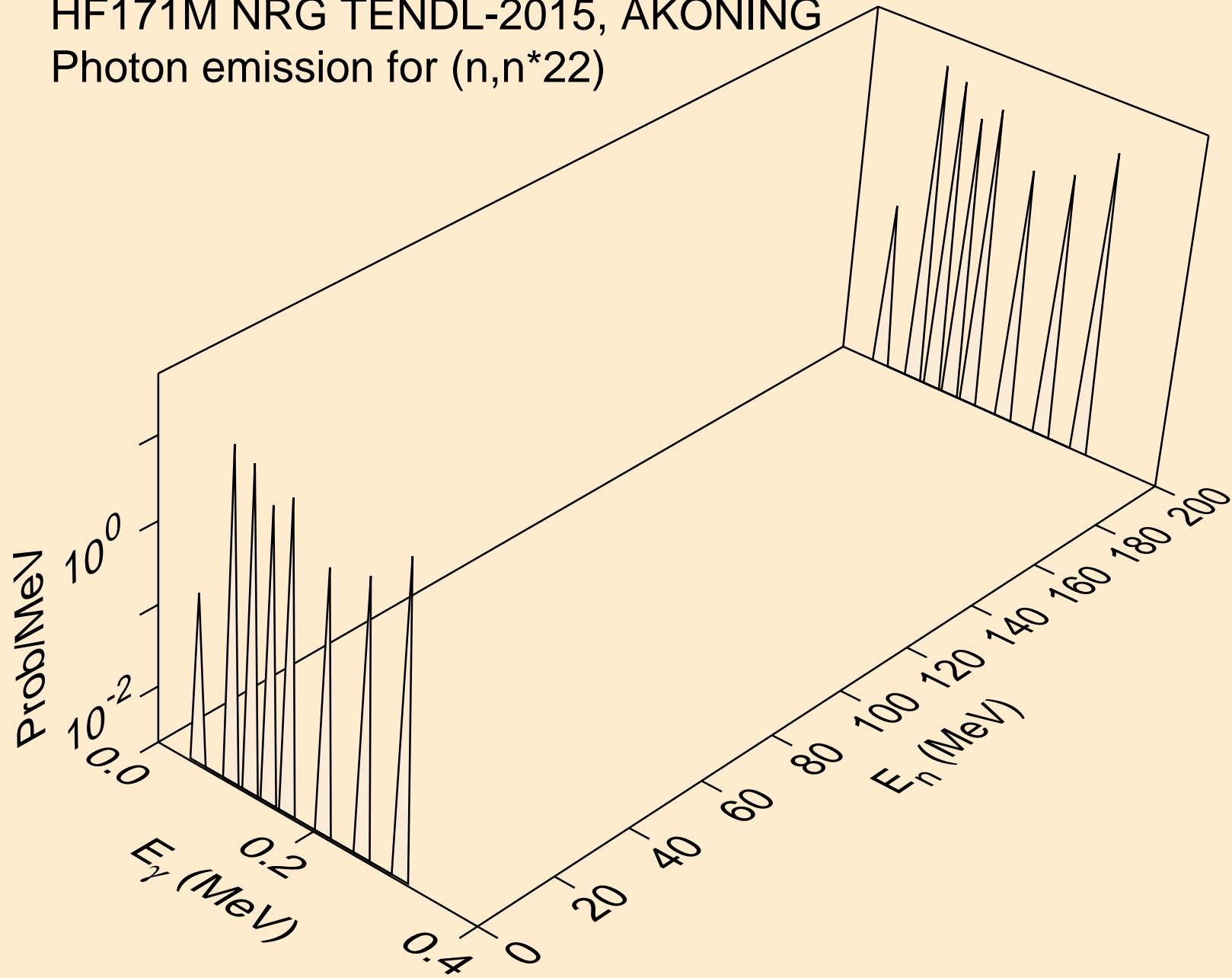


HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)

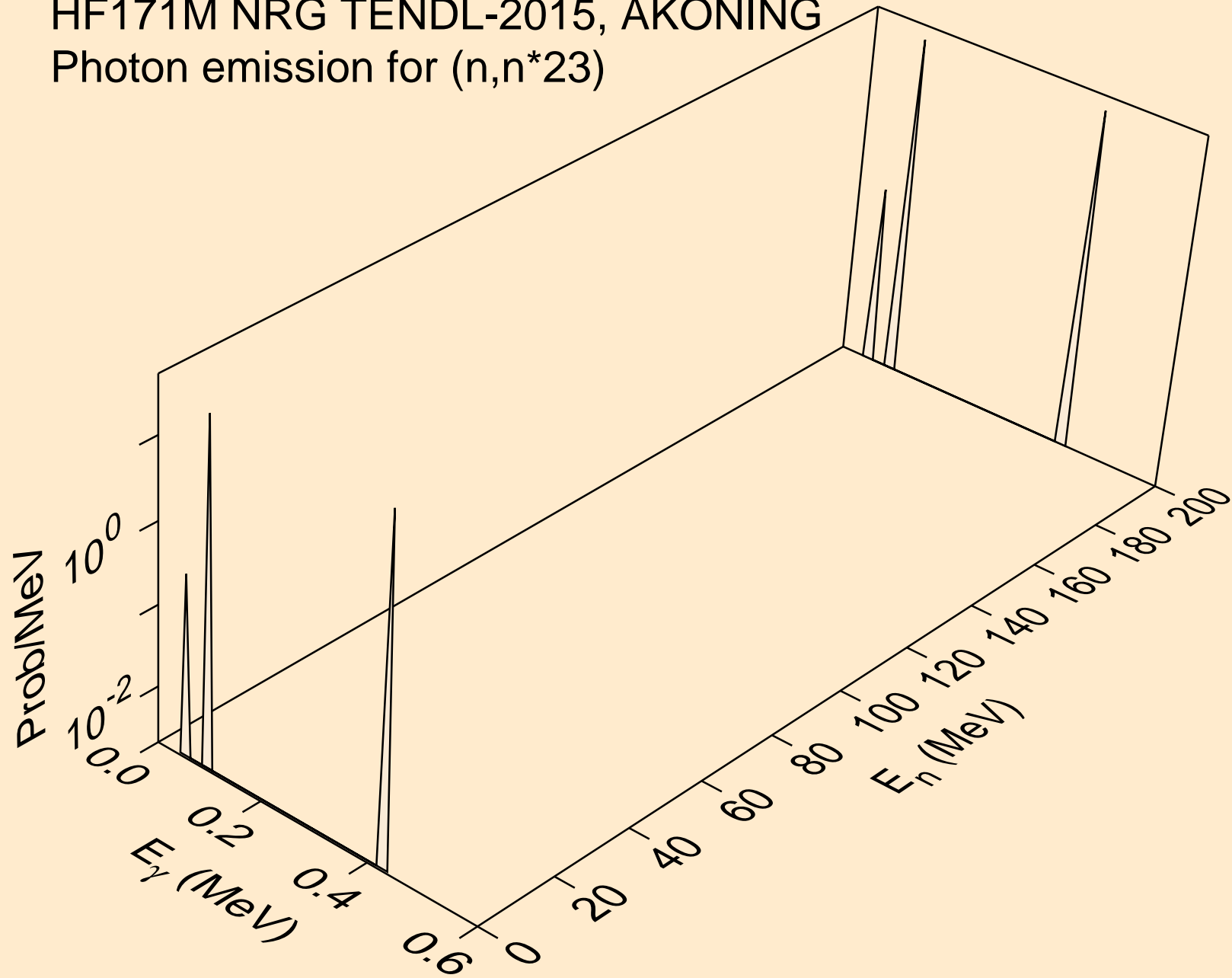




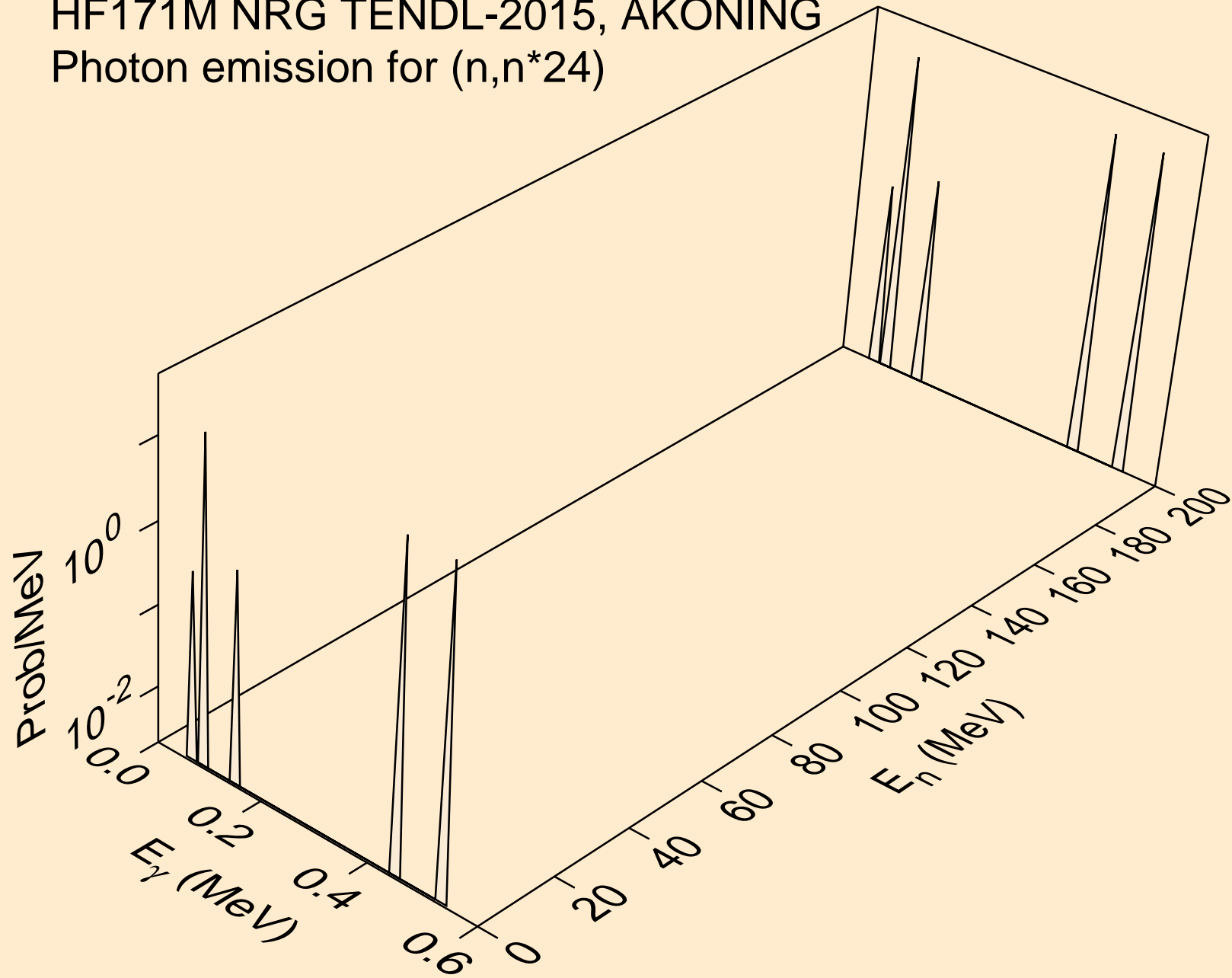
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Photon emission for (n,n\*22)



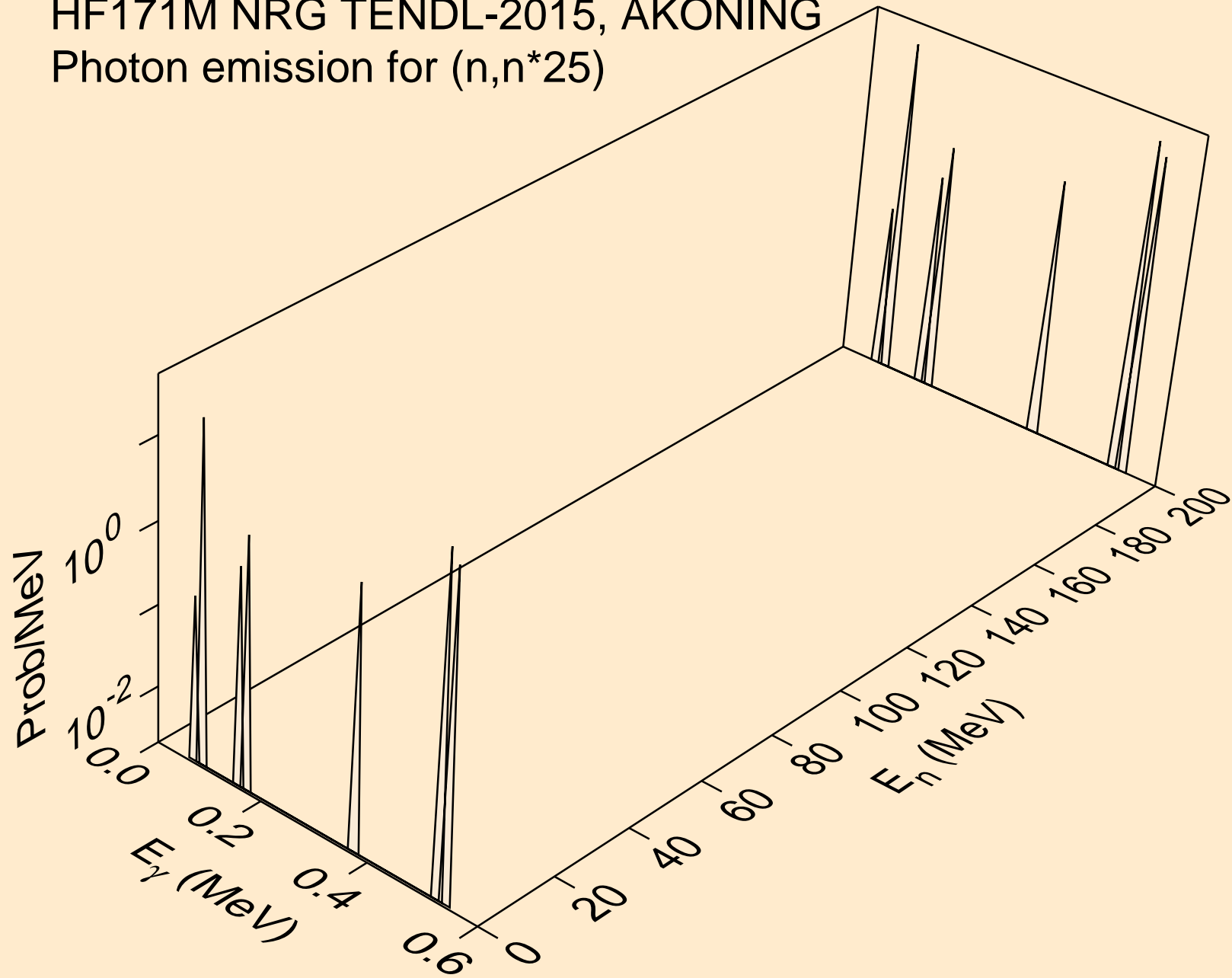
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Photon emission for (n,n\*23)



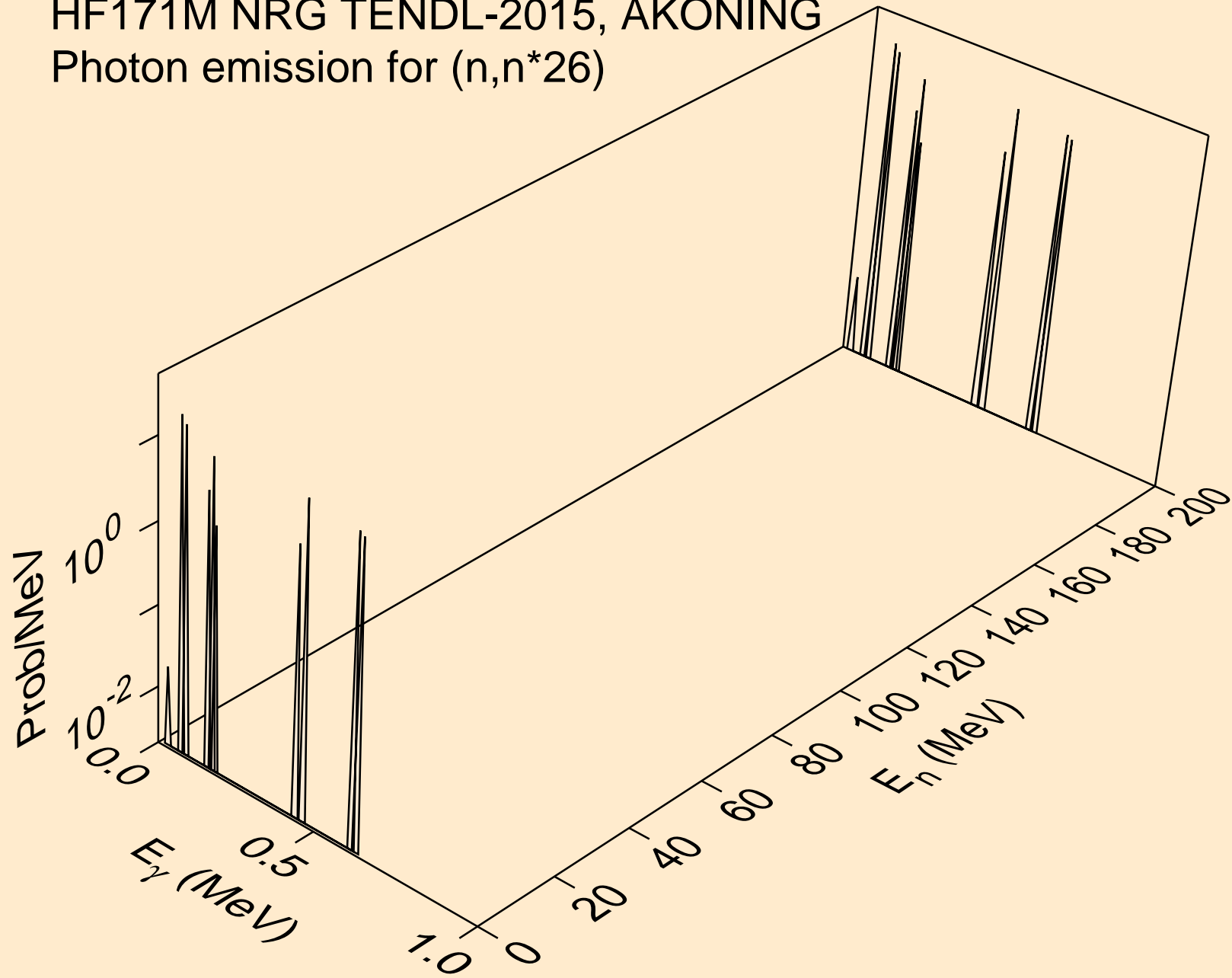
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Photon emission for (n,n\*24)



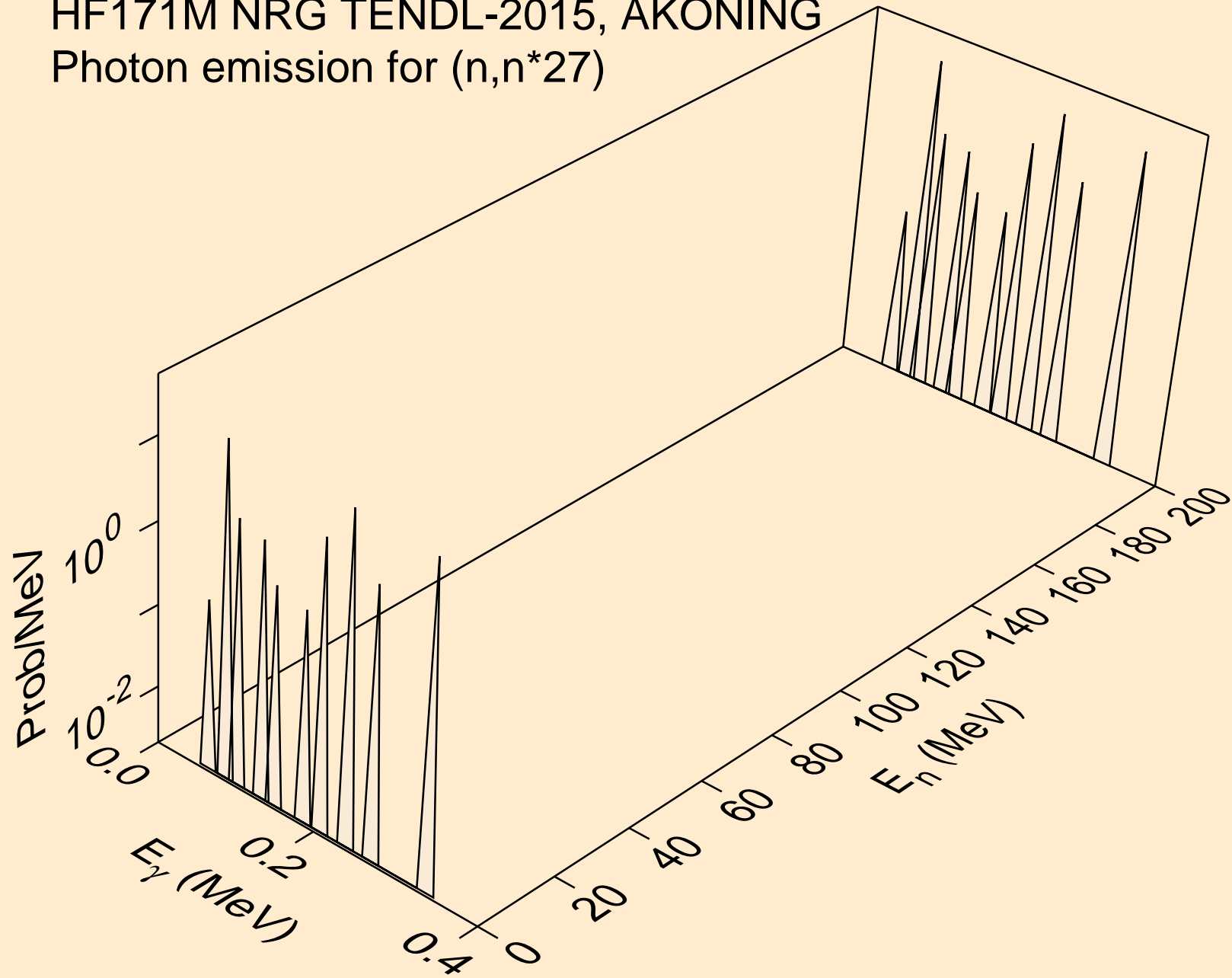
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)



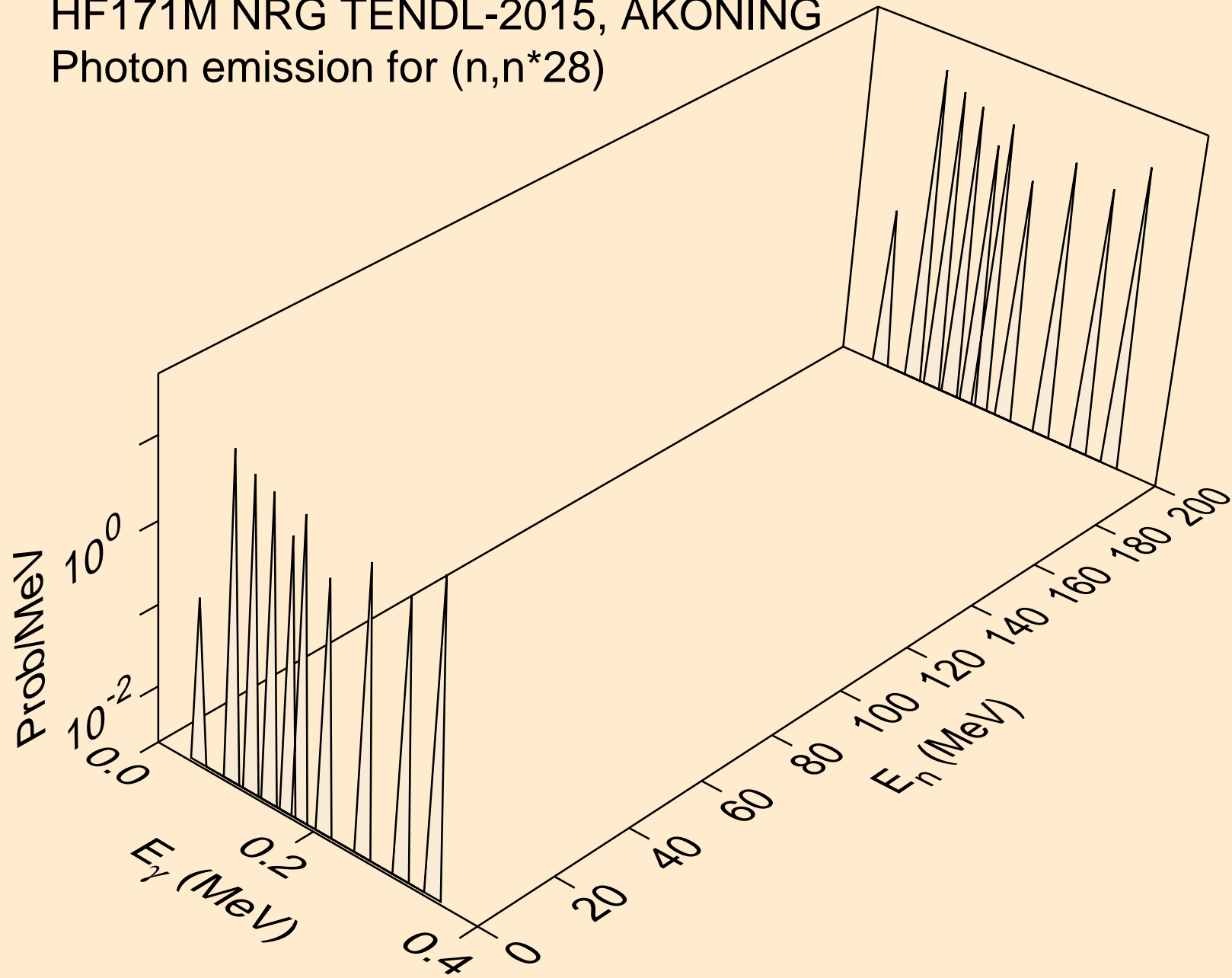
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)



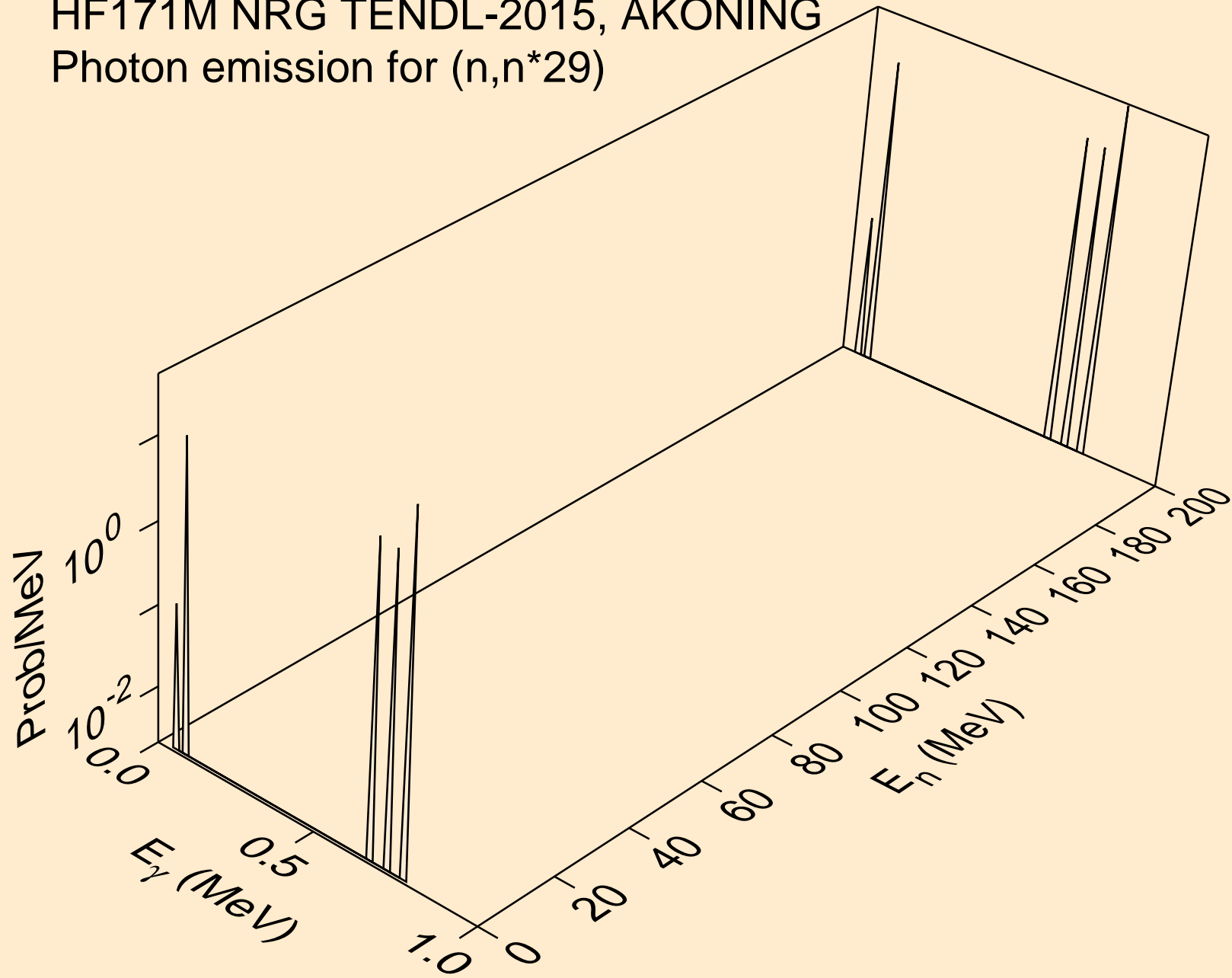
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*27)



HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*28)

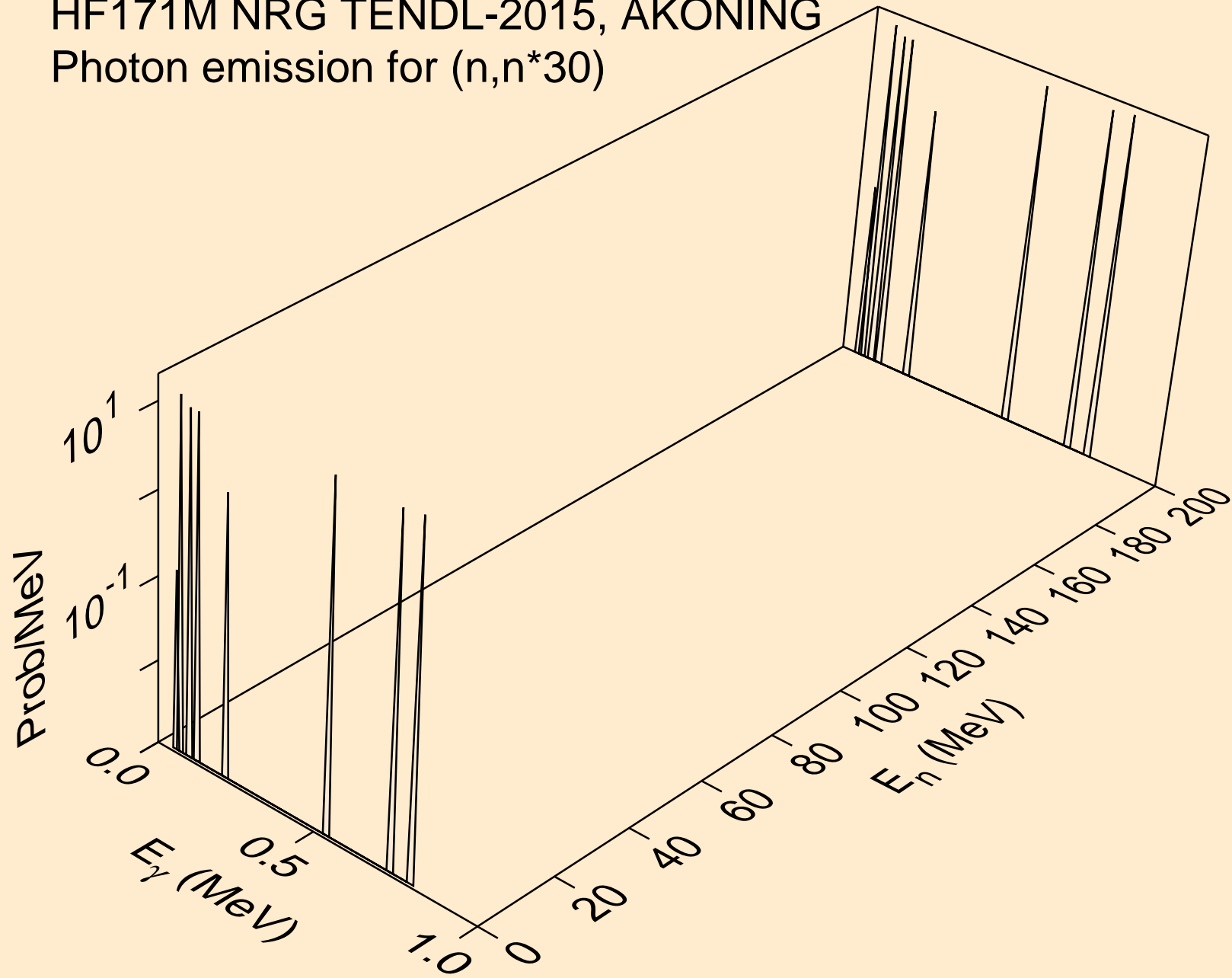


HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*29)

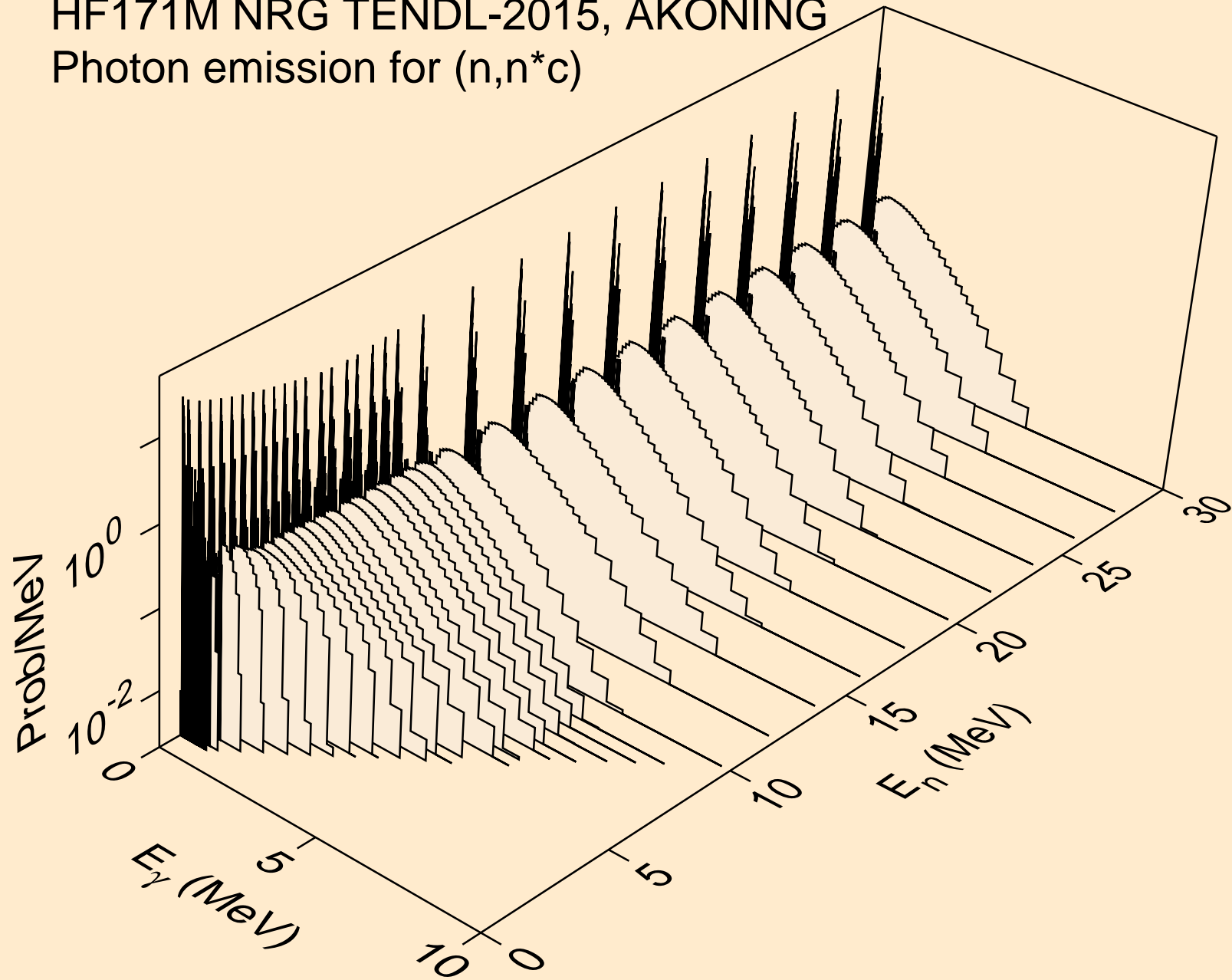




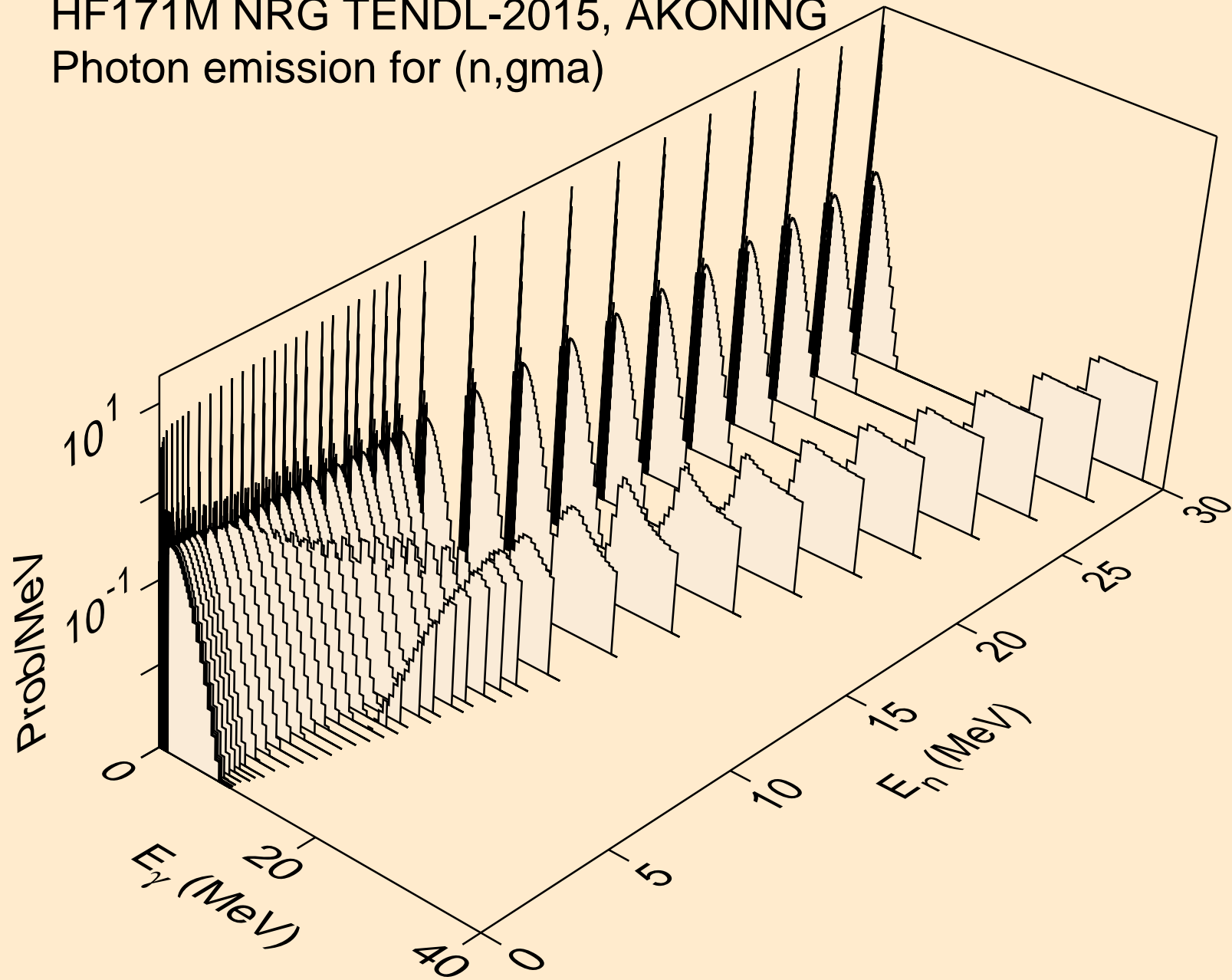
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Photon emission for (n,n\*30)



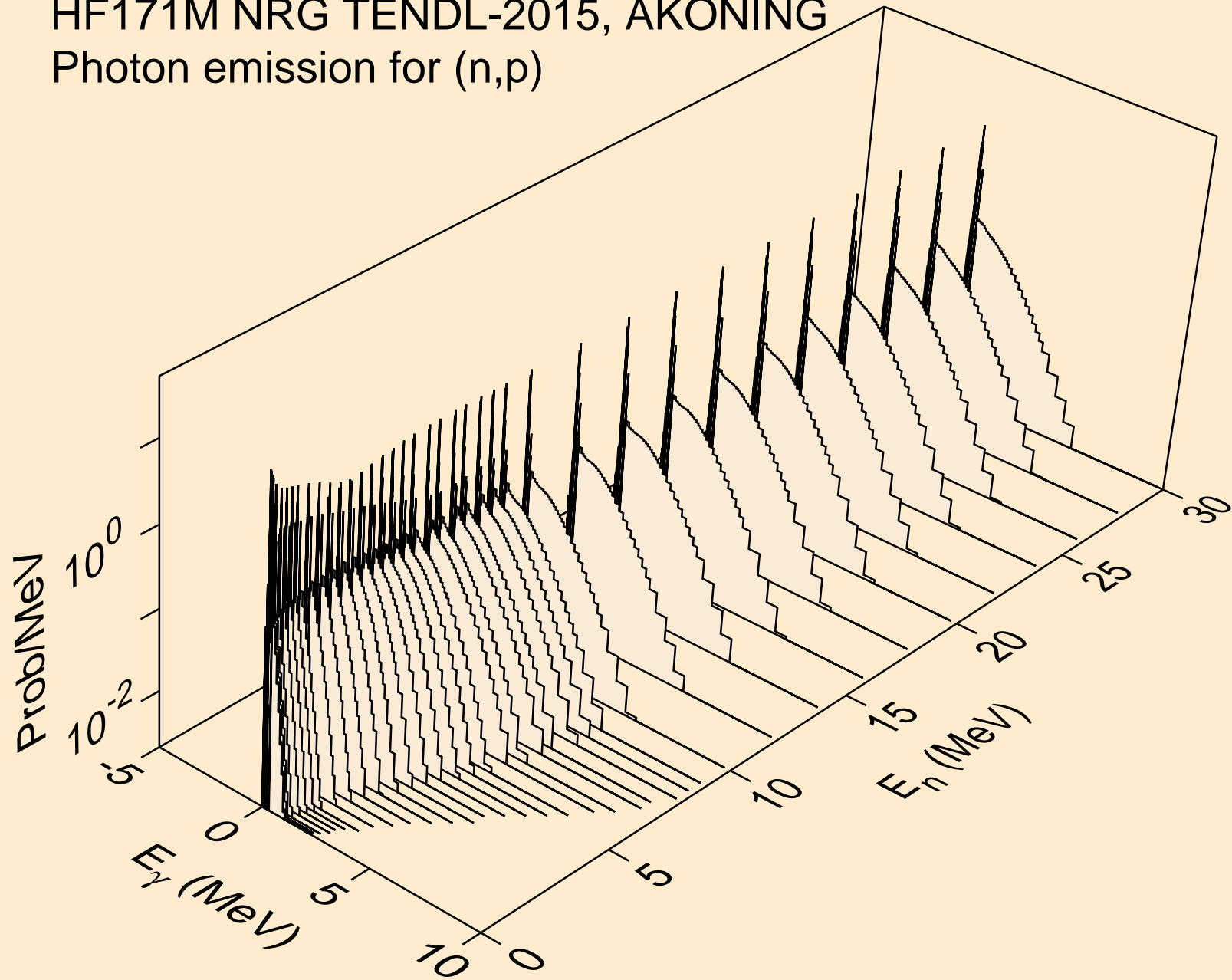
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Photon emission for (n,n\*c)



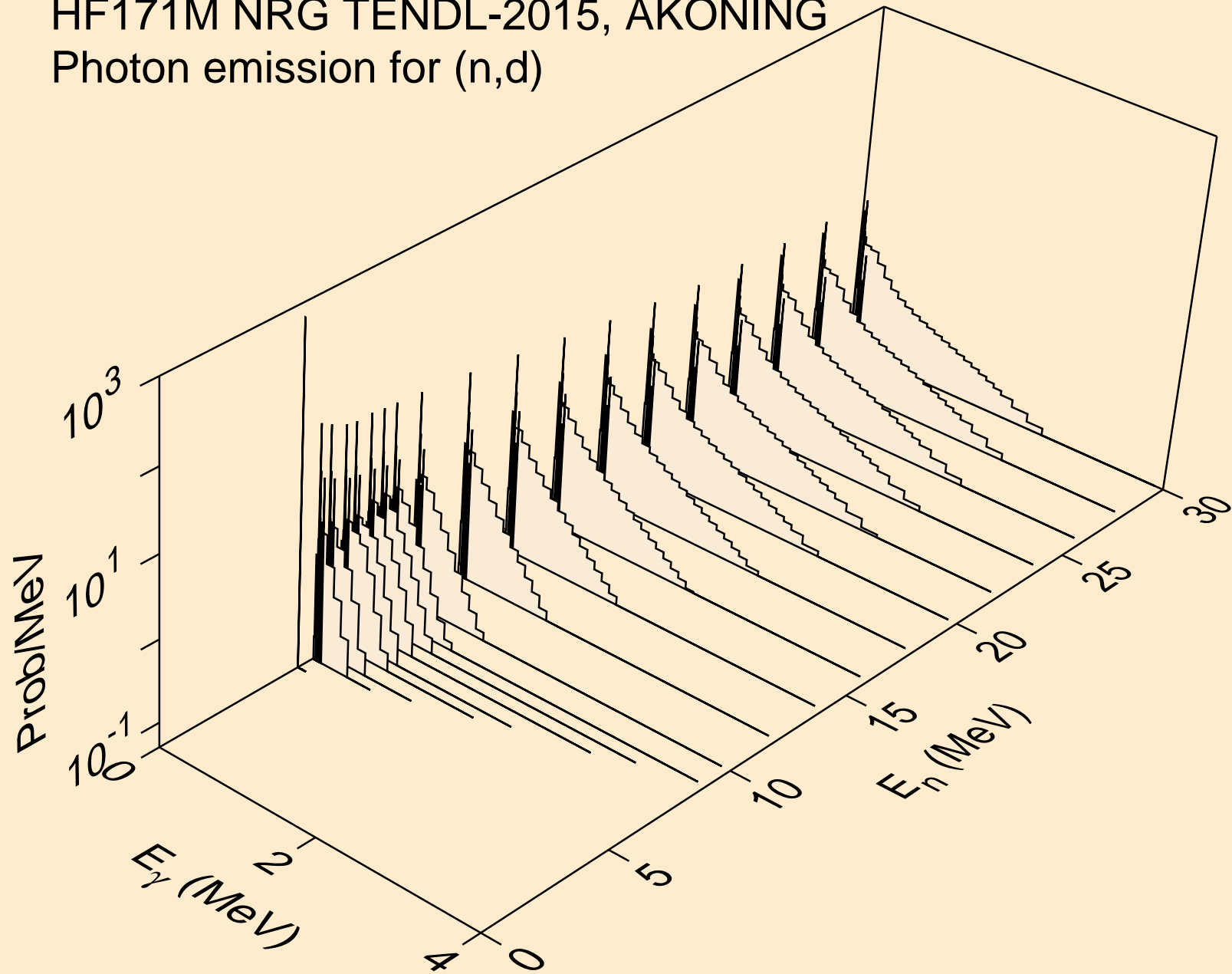
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



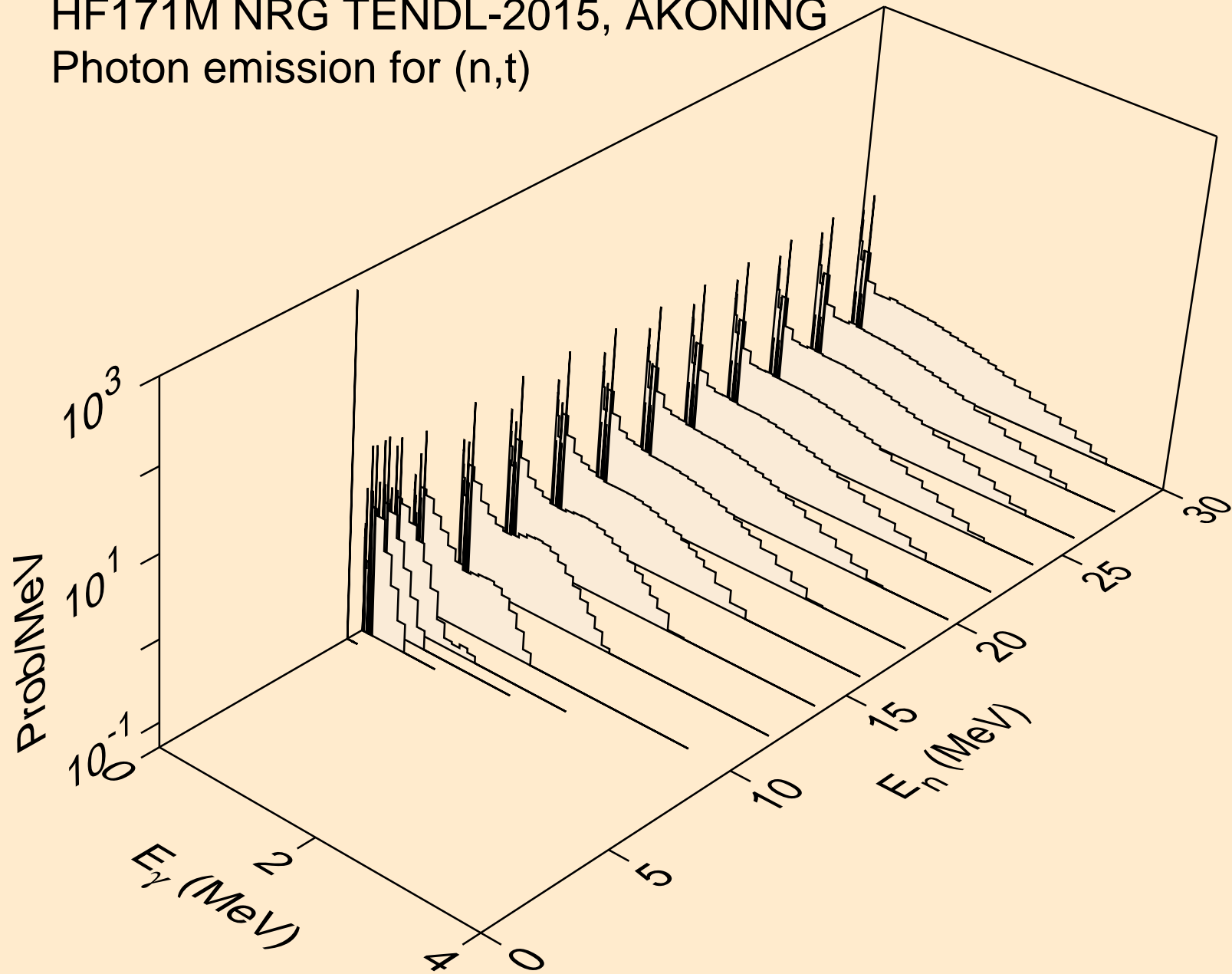
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



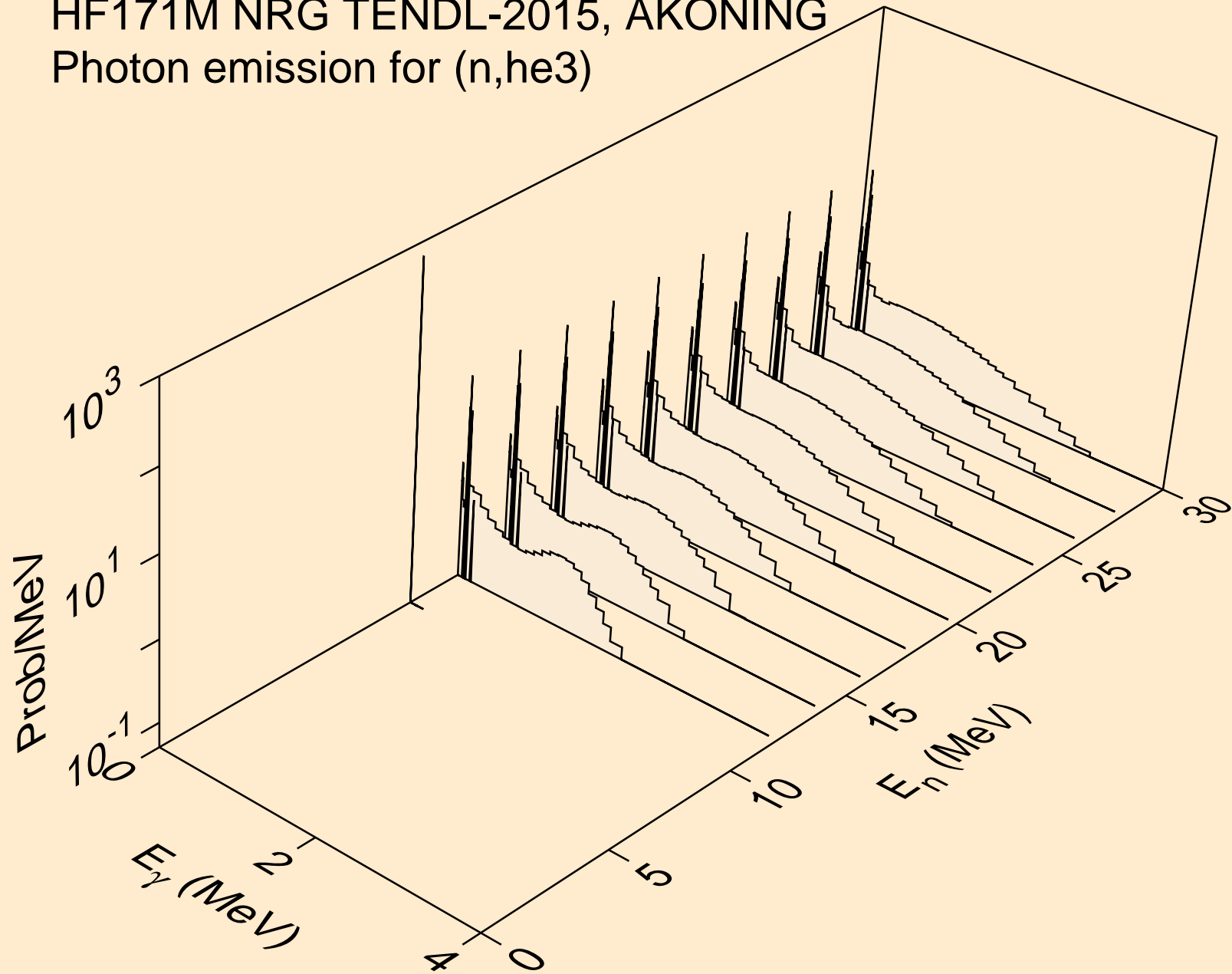
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Photon emission for (n,d)



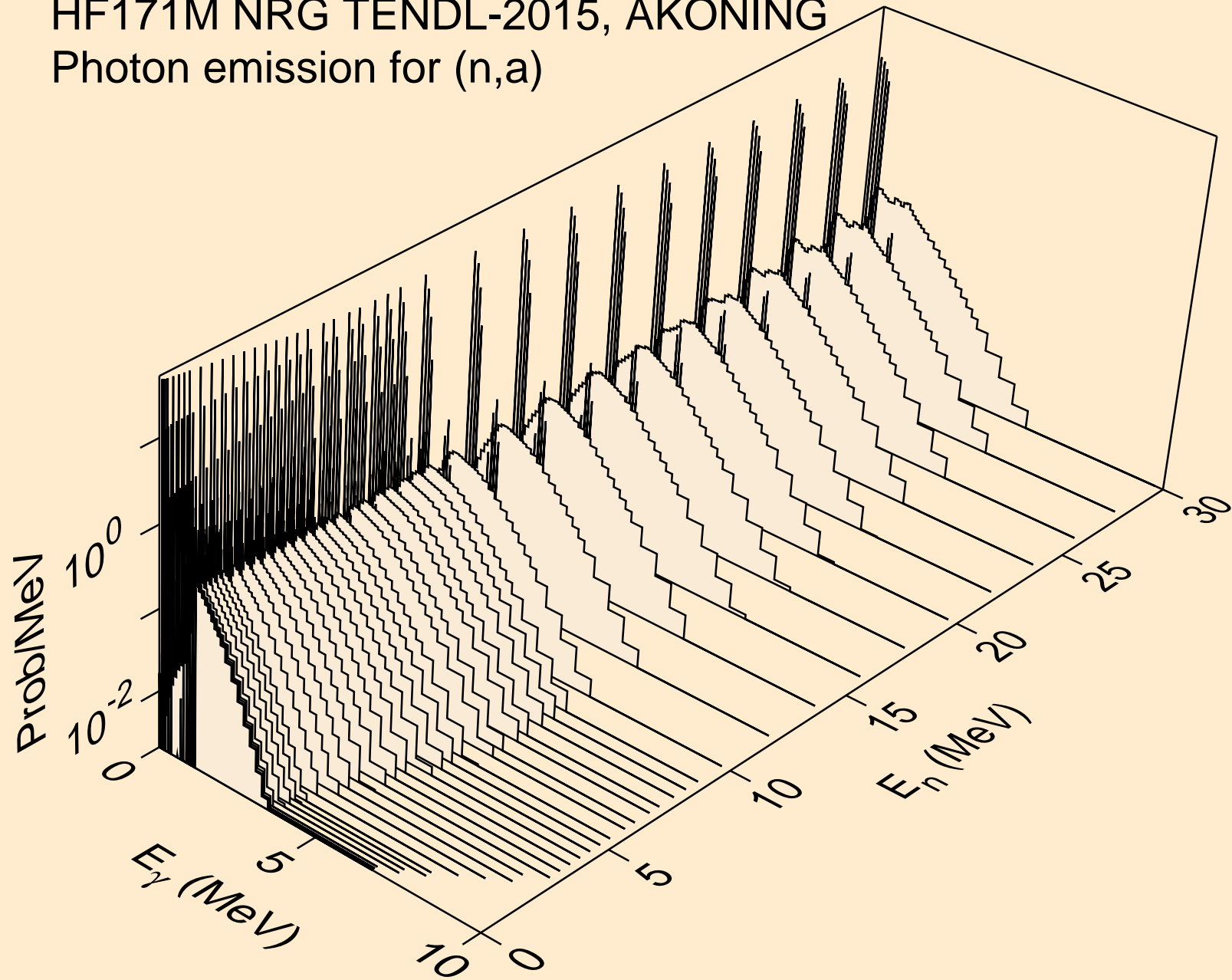
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Photon emission for (n,t)



HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

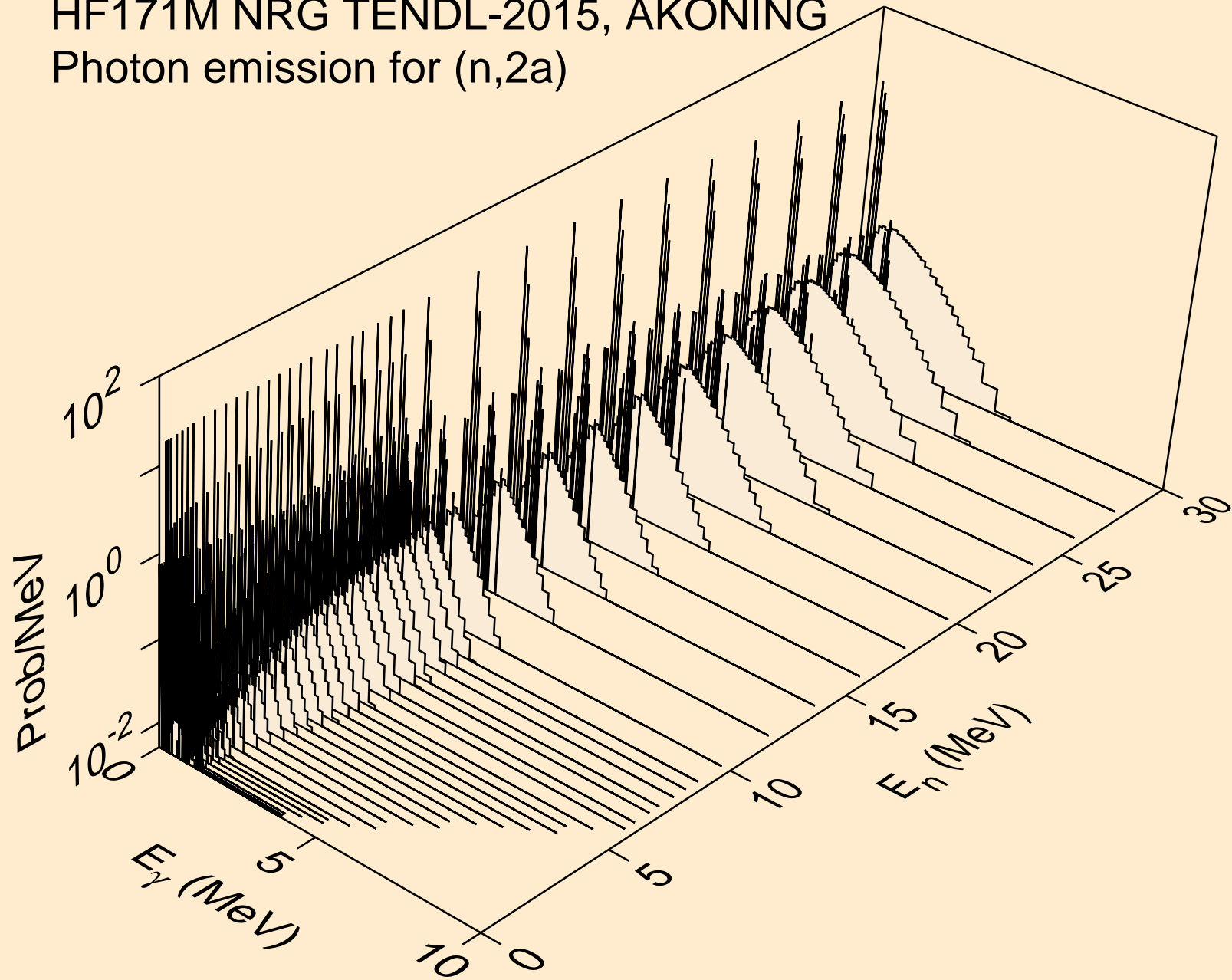


HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,a)

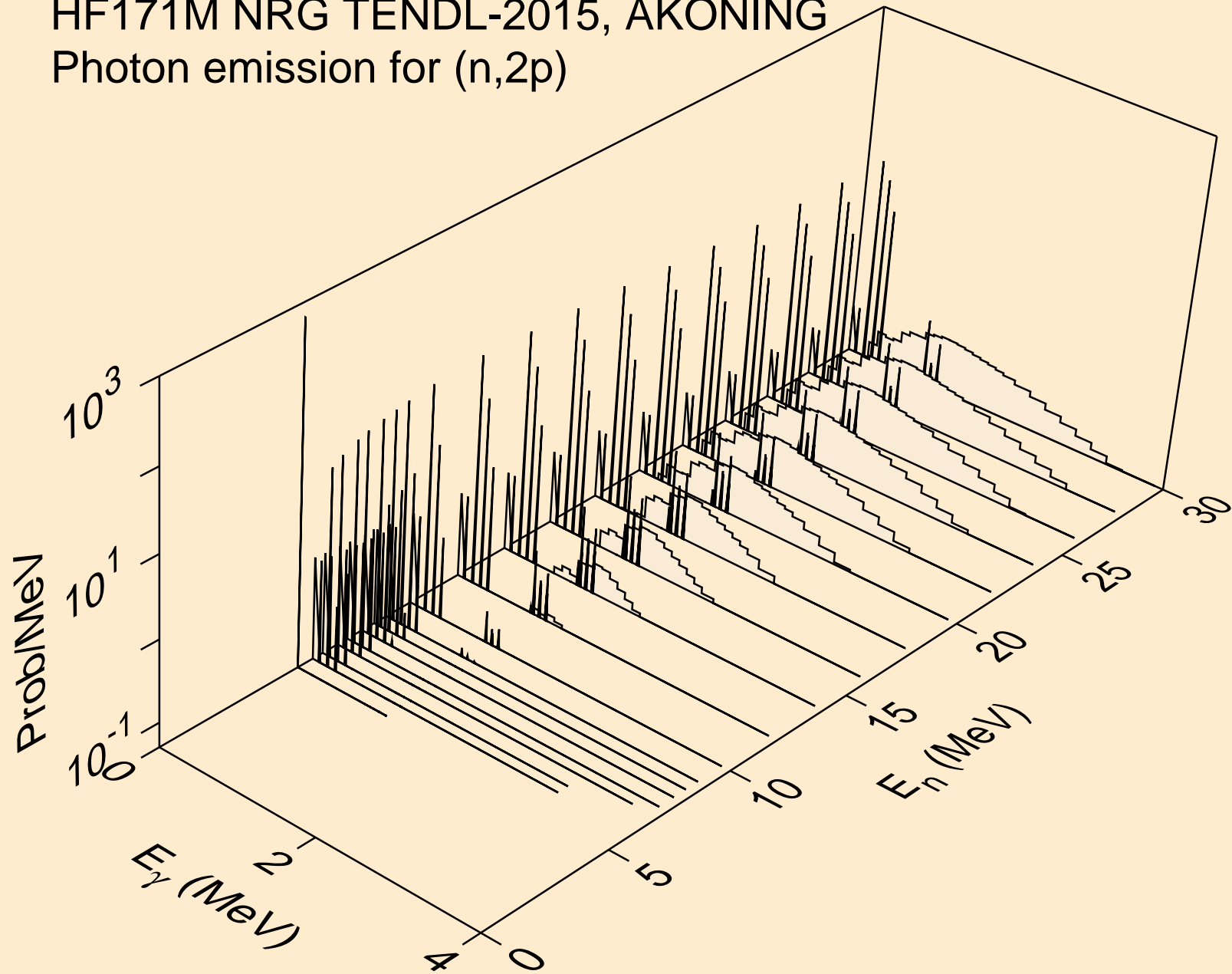




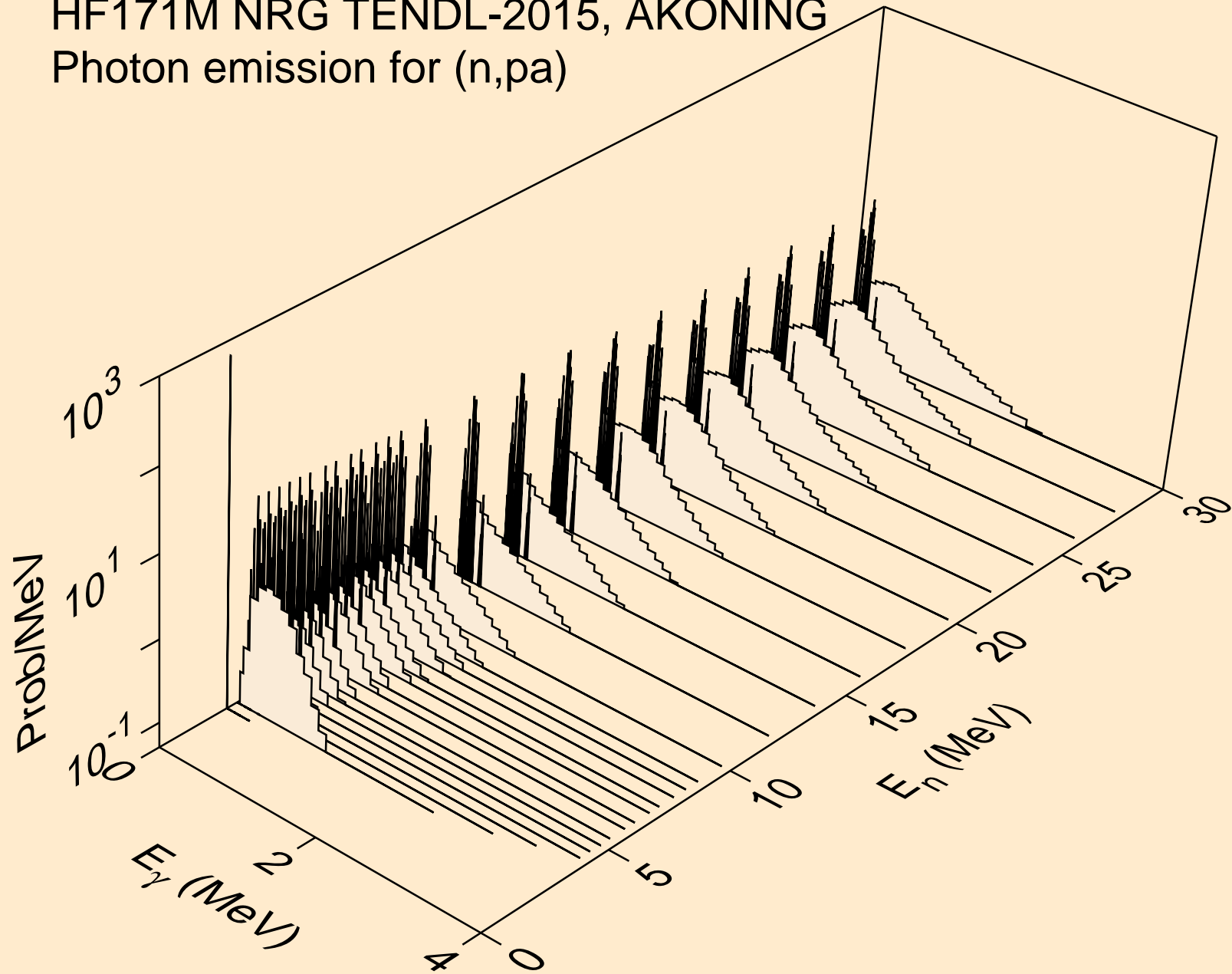
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Photon emission for (n,2a)



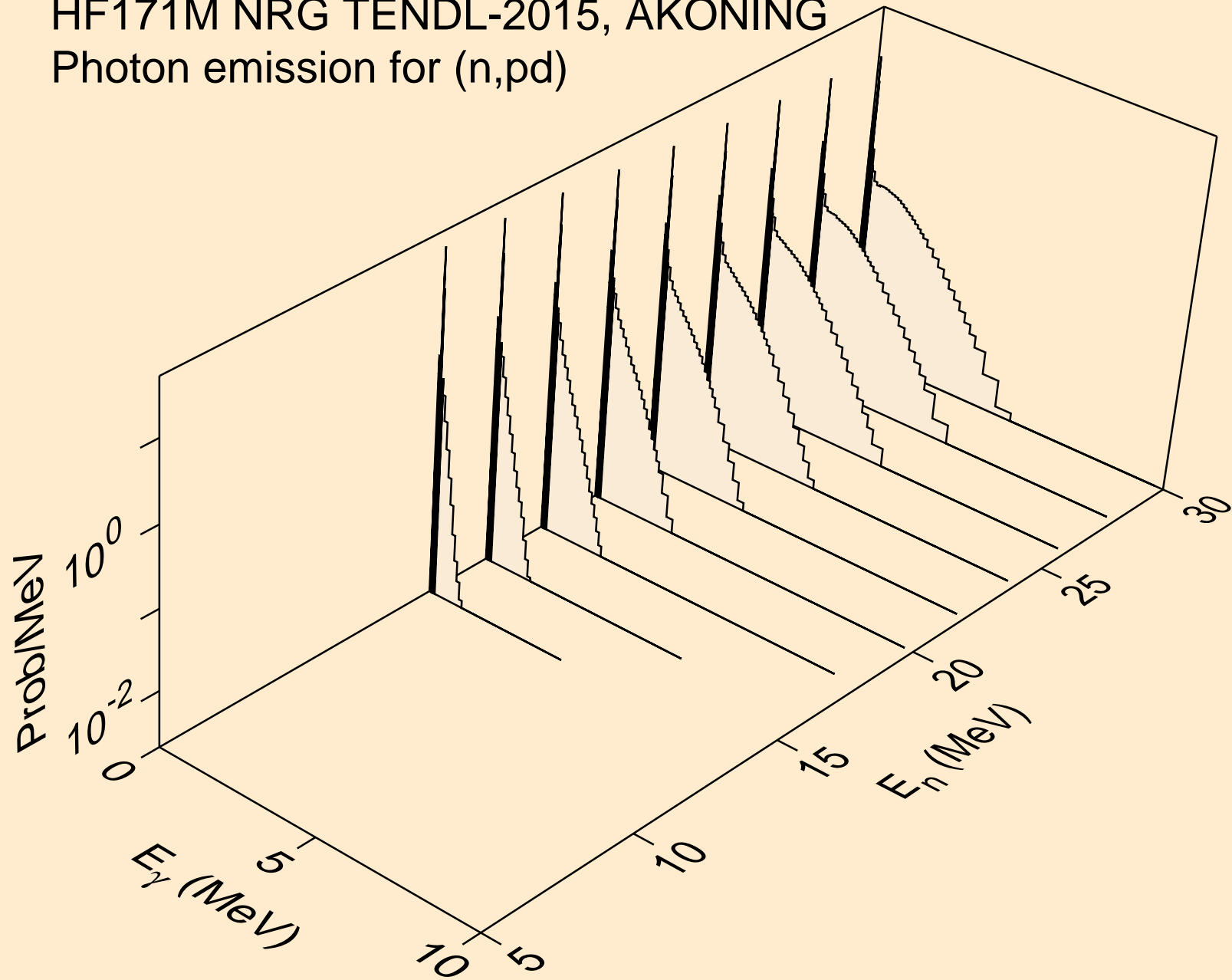
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Photon emission for (n,2p)



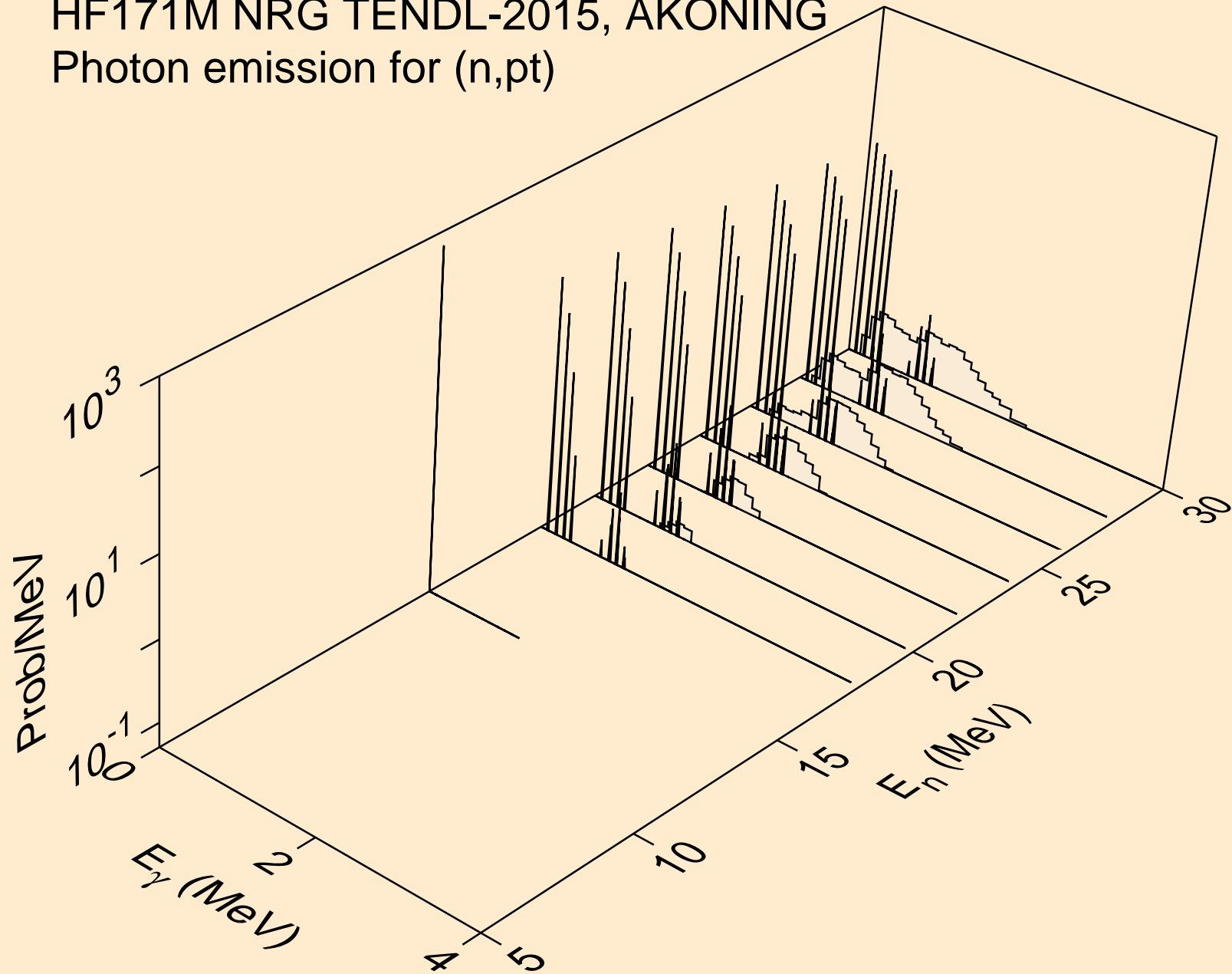
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Photon emission for (n,pa)



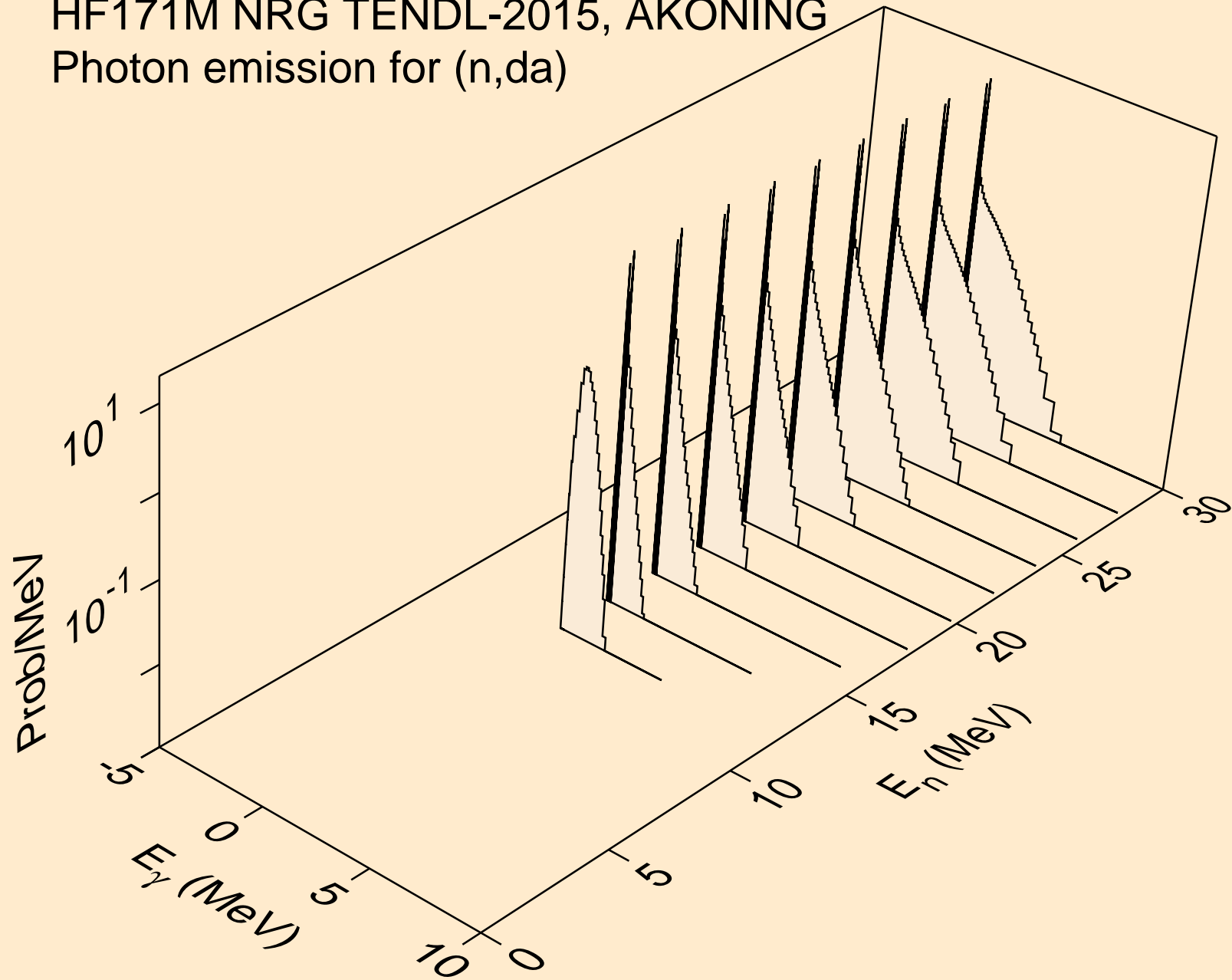
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Photon emission for (n,pd)



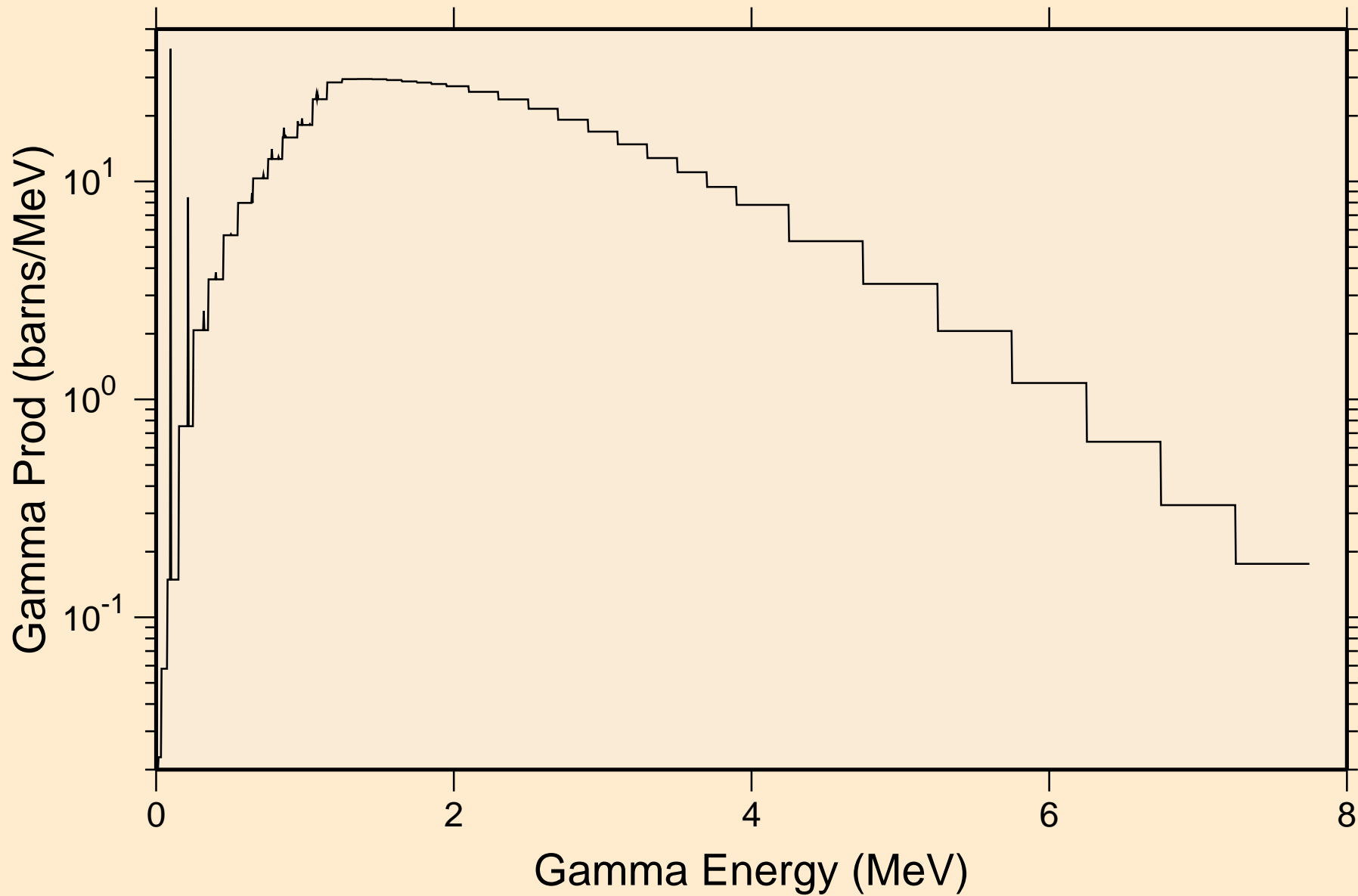
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



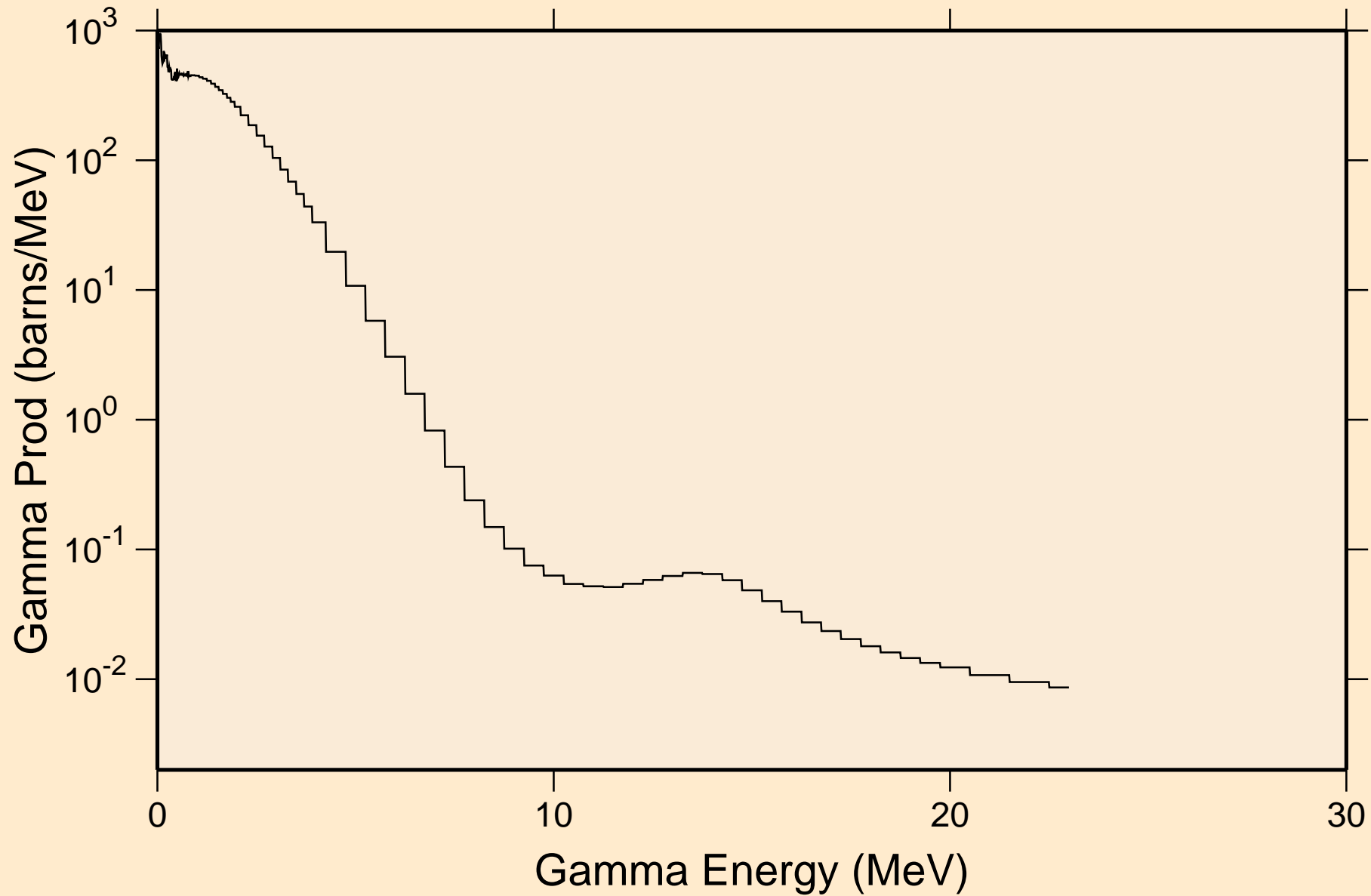
HF171M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



HF171M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



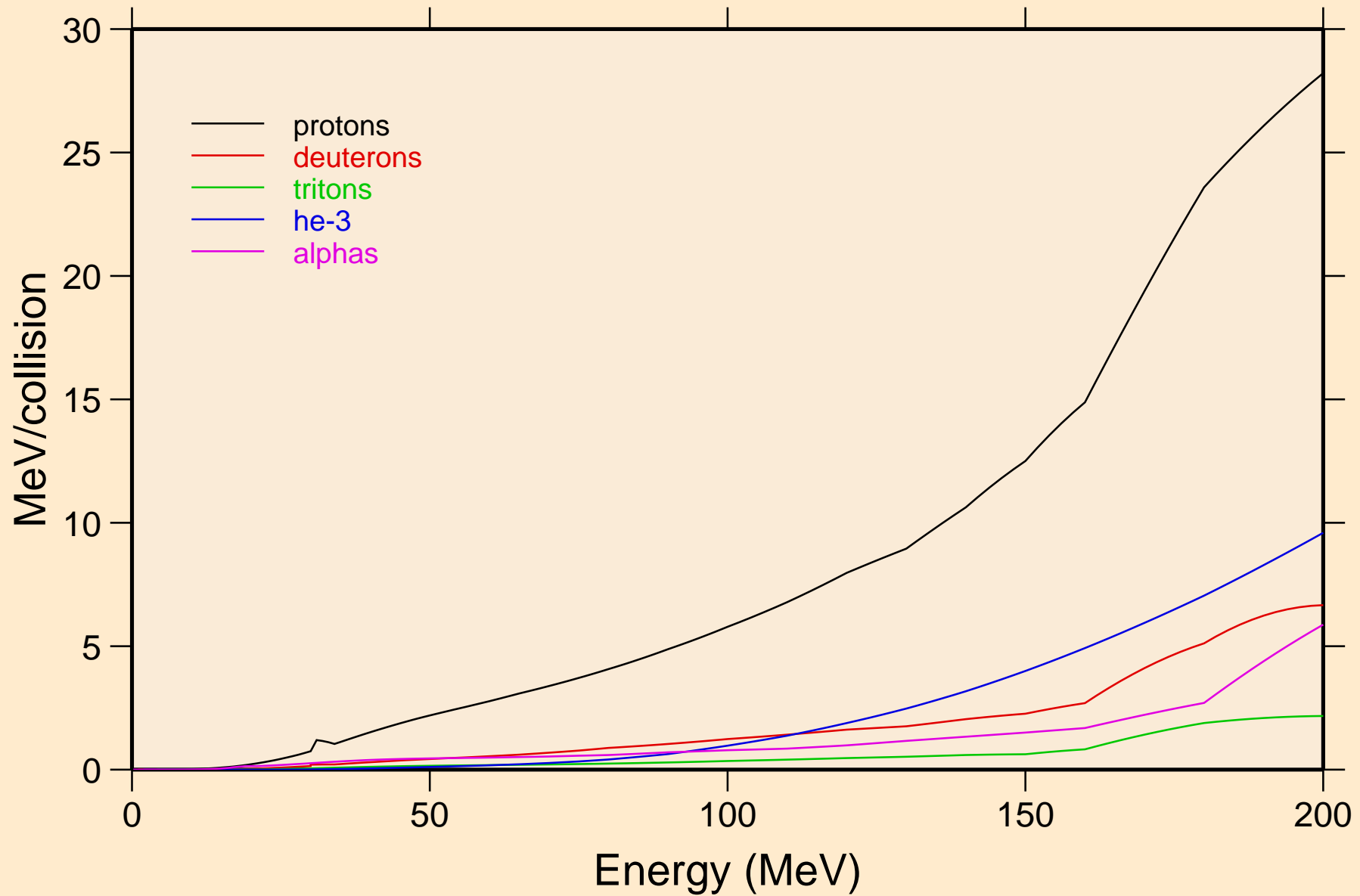
HF171M NRG TENDL-2015, AKONING  
14 MeV photon spectrum





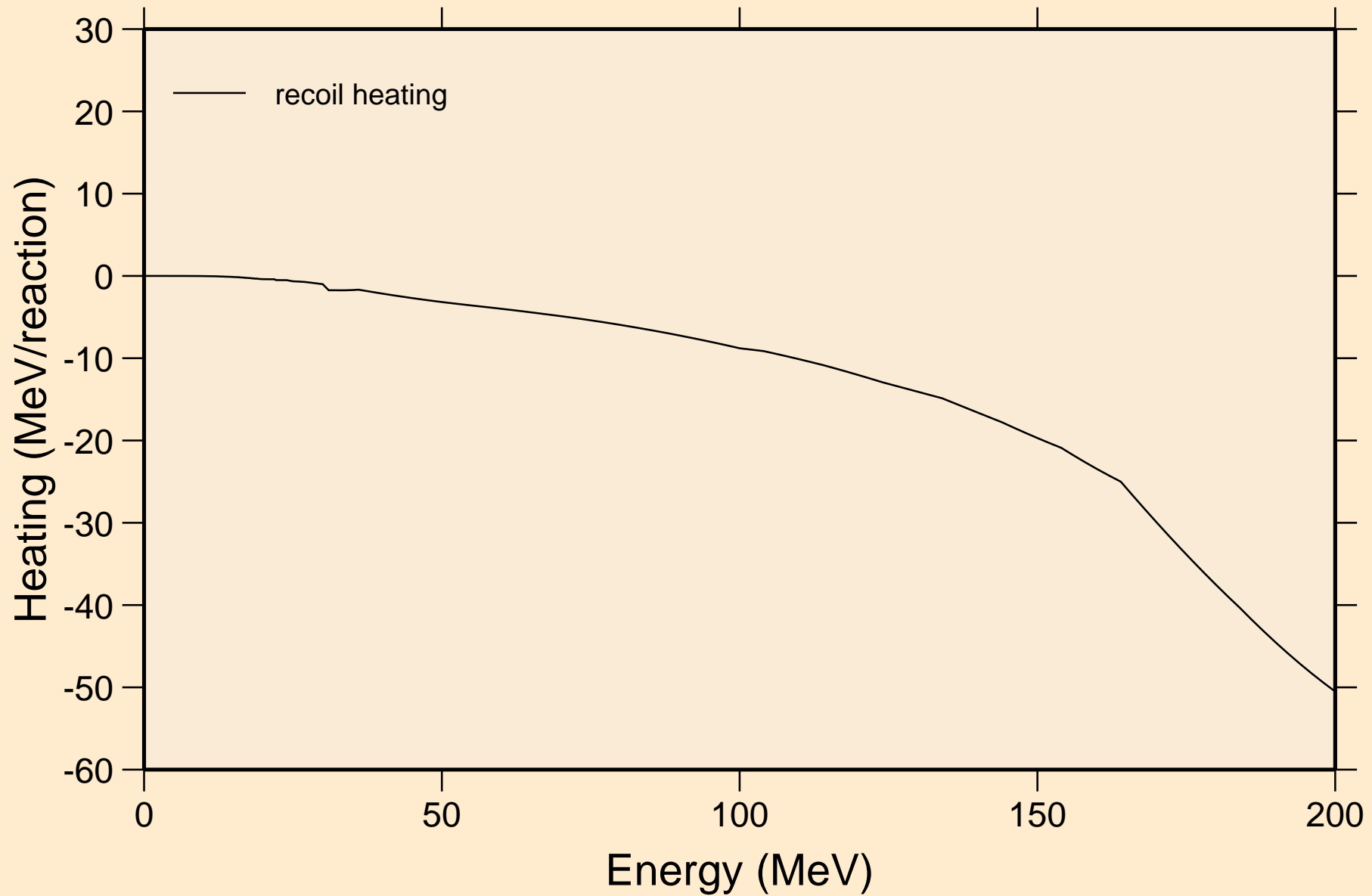
# HF171M NRG TENDL-2015, AKONING

## Particle heating contributions



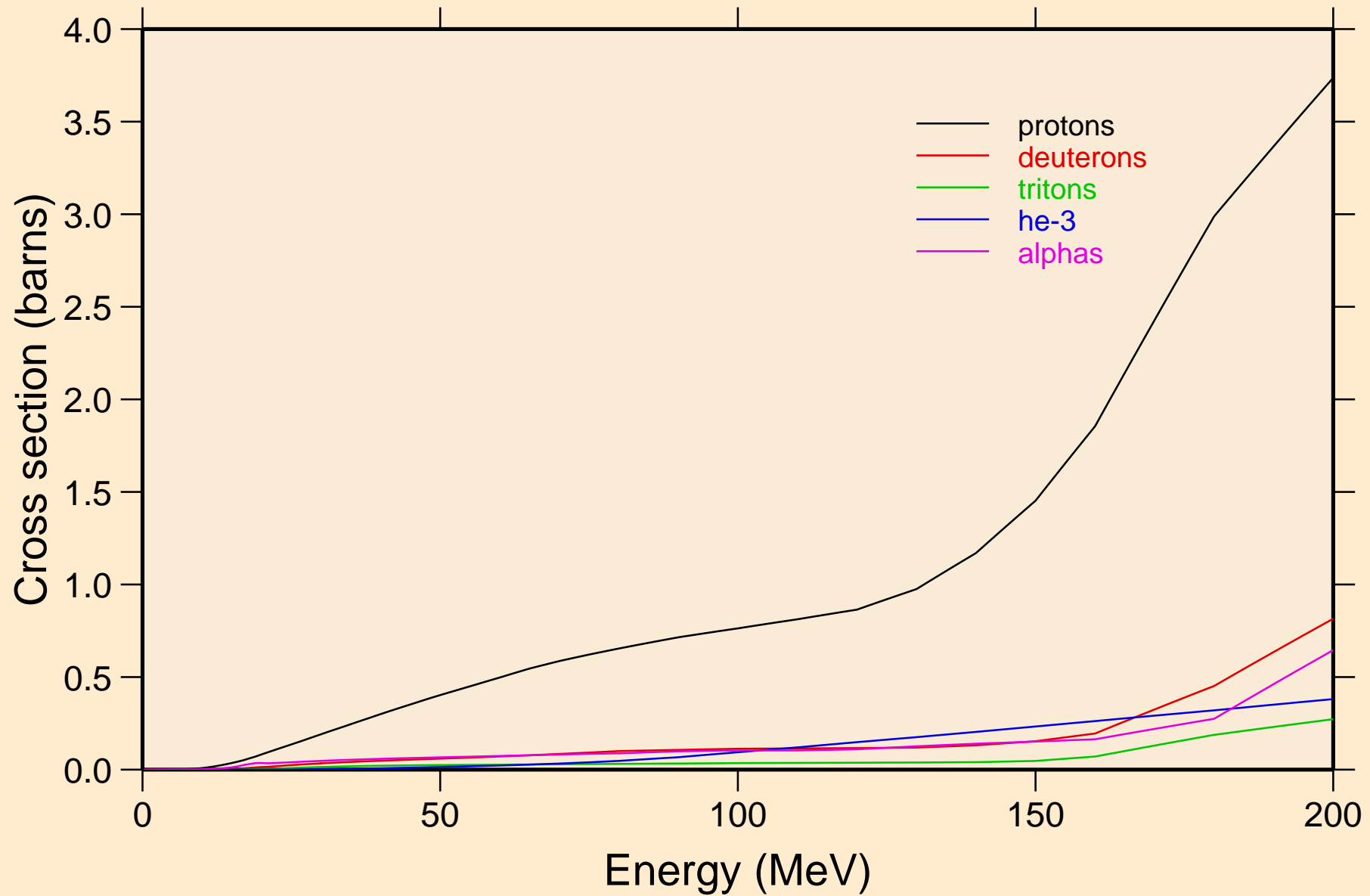
# HF171M NRG TENDL-2015, AKONING

## Recoil Heating

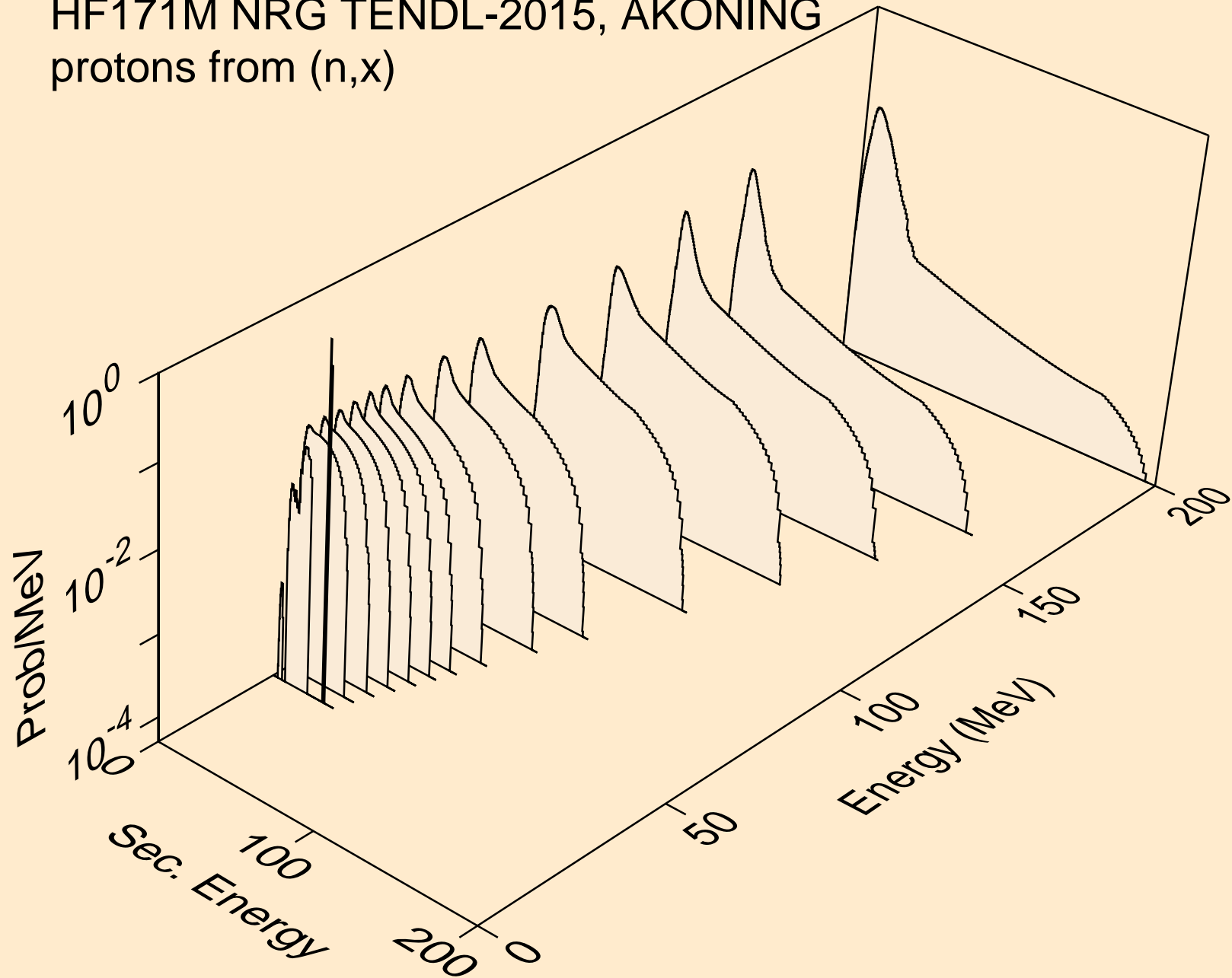


# HF171M NRG TENDL-2015, AKONING

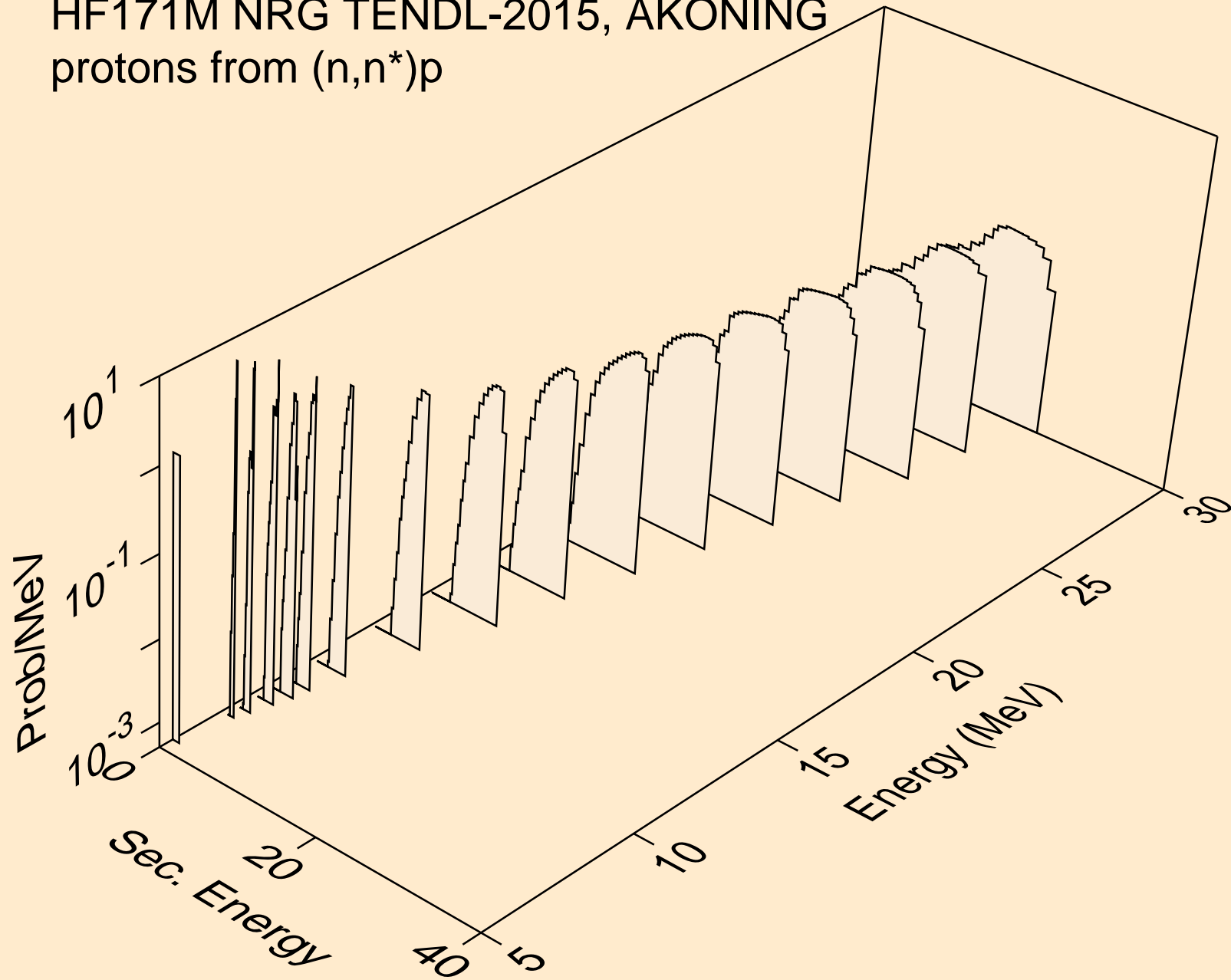
## Particle production cross sections



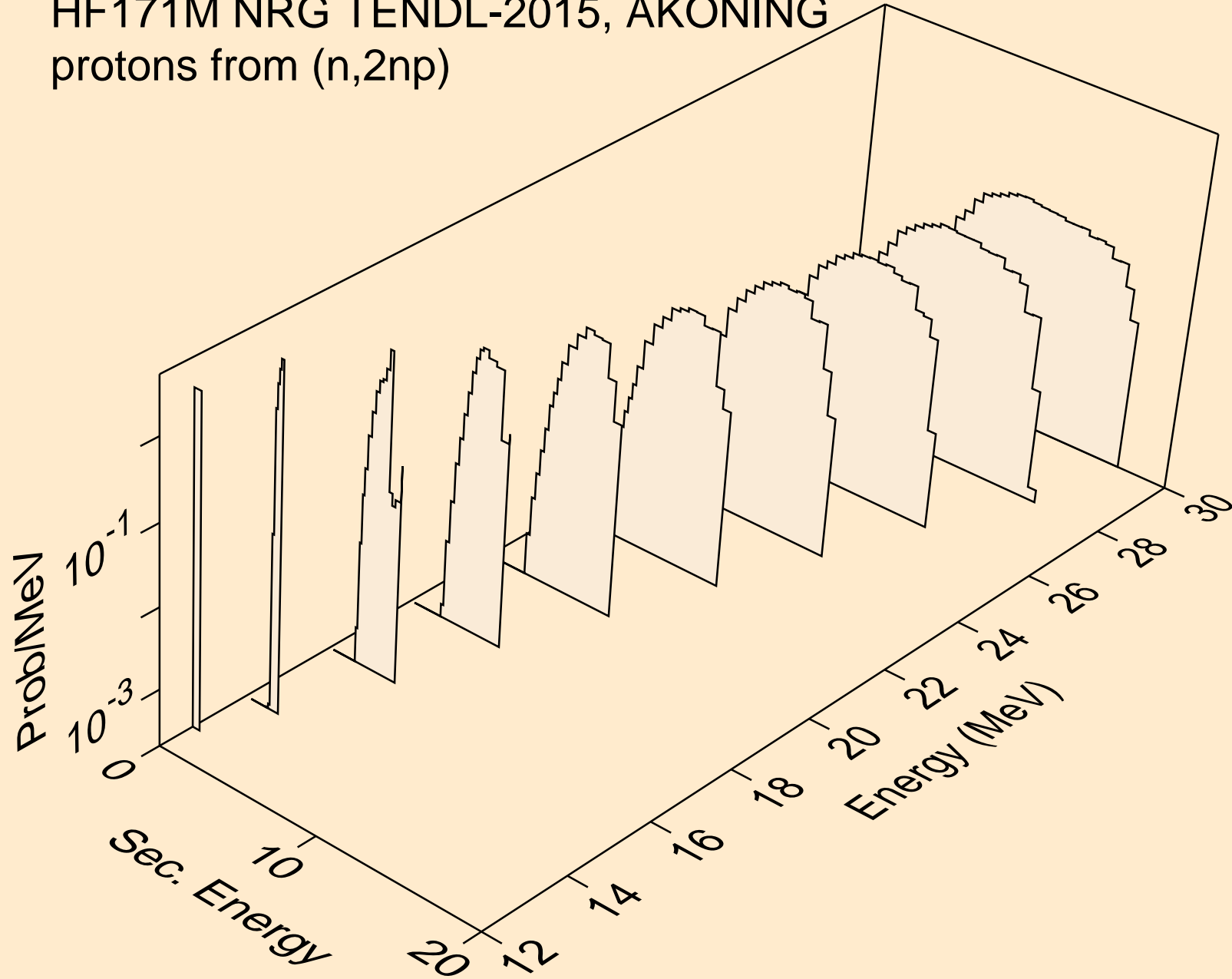
HF171M NRG TENDL-2015, AKONING  
protons from (n,x)



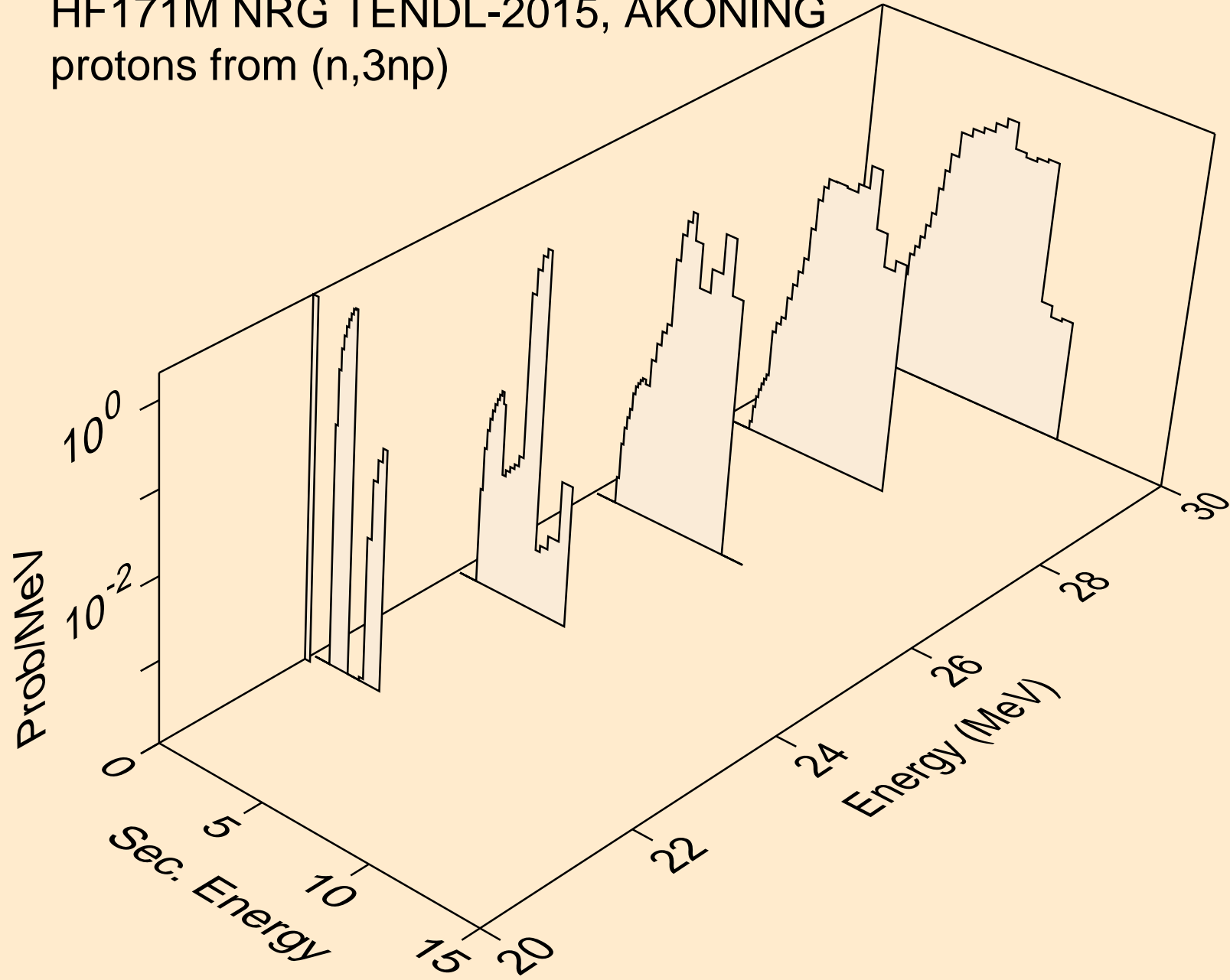
HF171M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



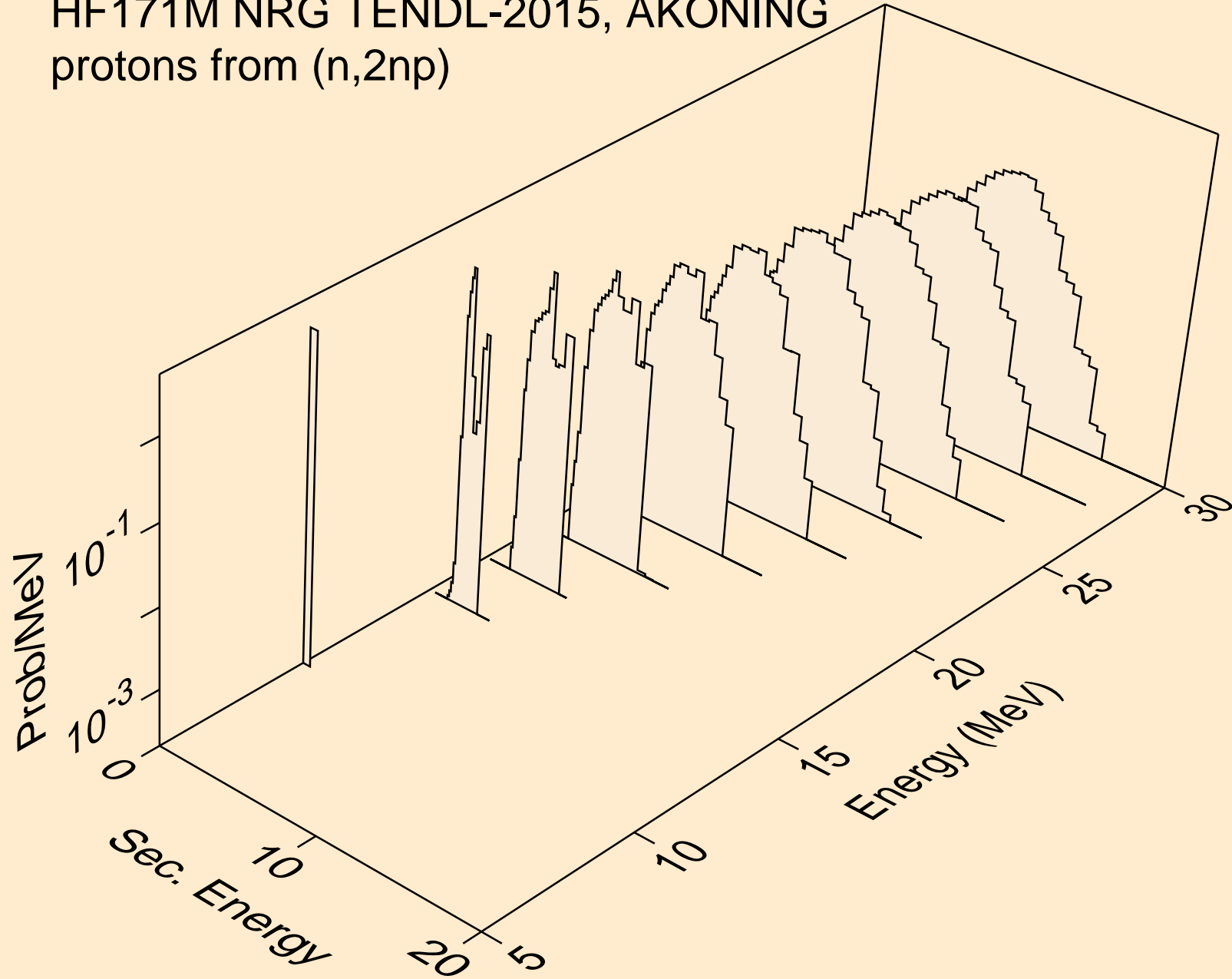
HF171M NRG TENDL-2015, AKONING  
protons from (n,2np)



HF171M NRG TENDL-2015, AKONING  
protons from (n,3np)

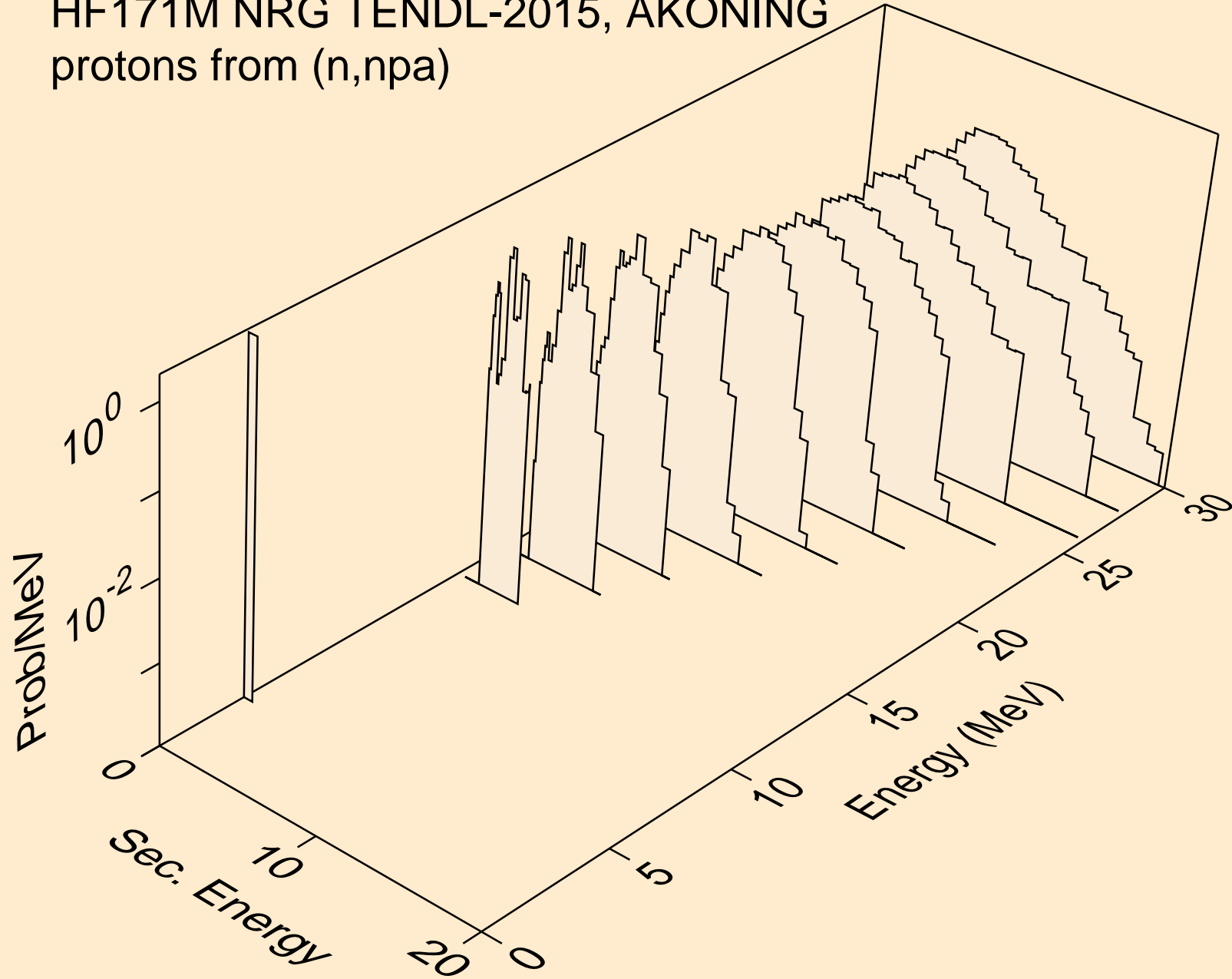


HF171M NRG TENDL-2015, AKONING  
protons from (n,2np)

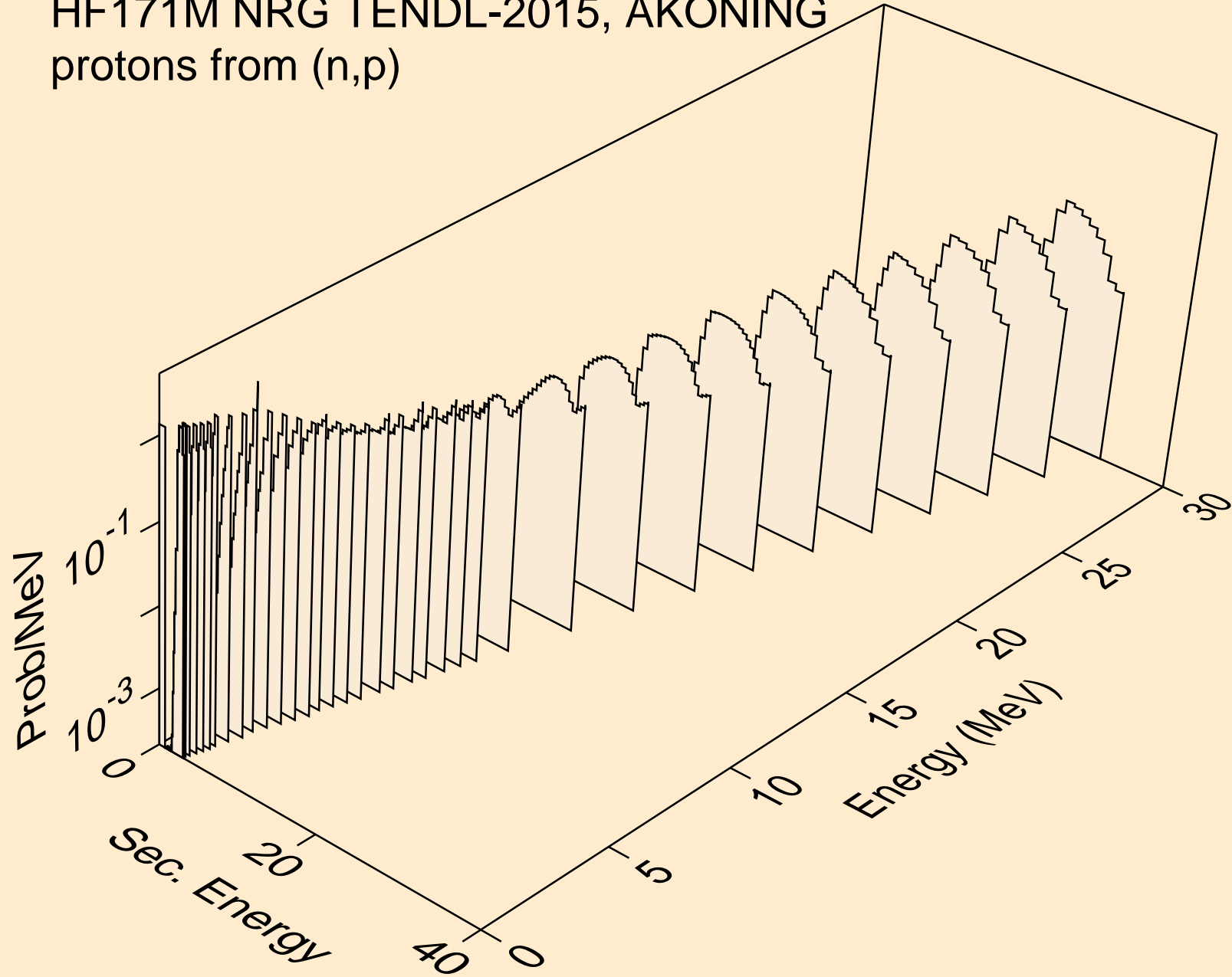




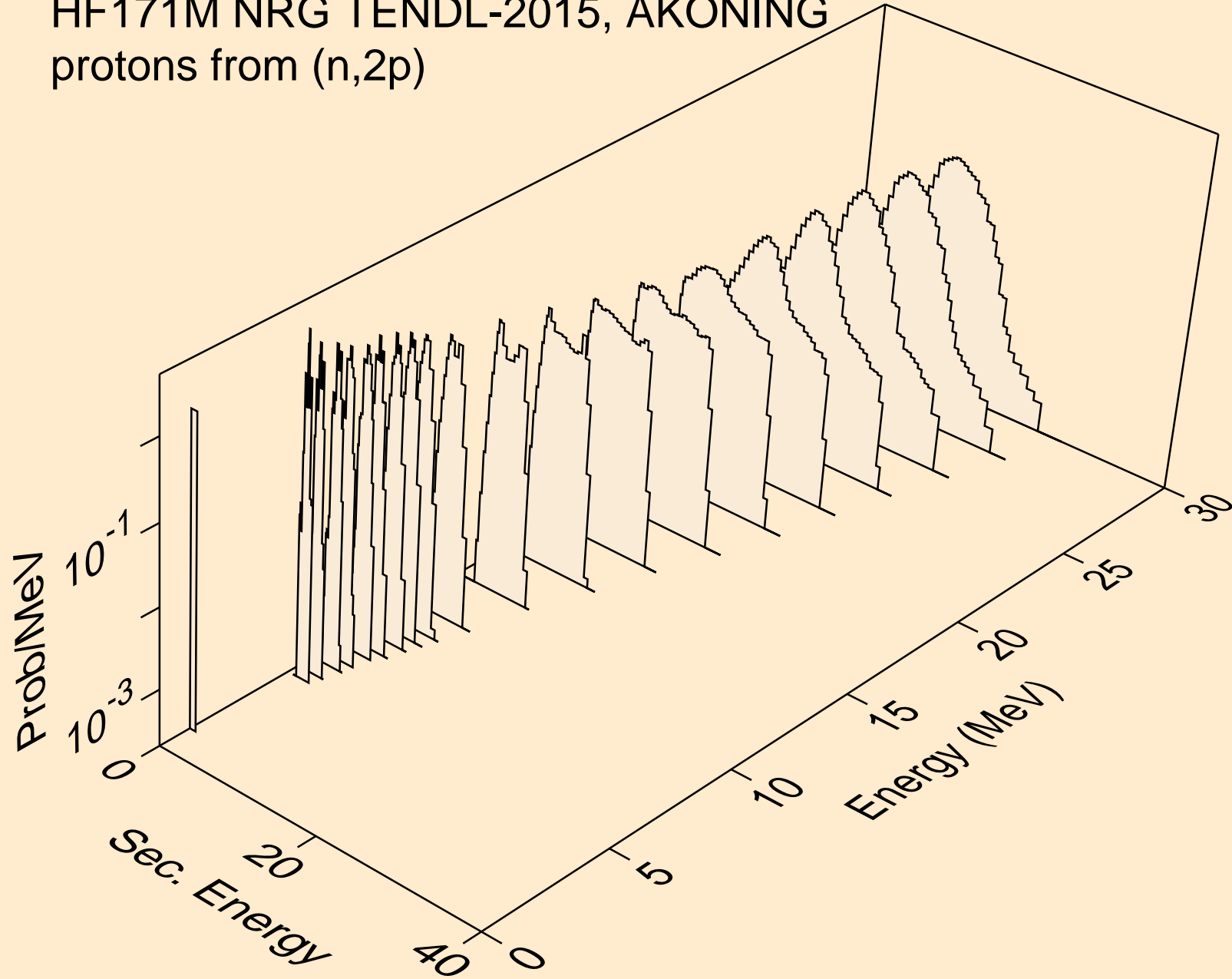
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protons from (n,npa)



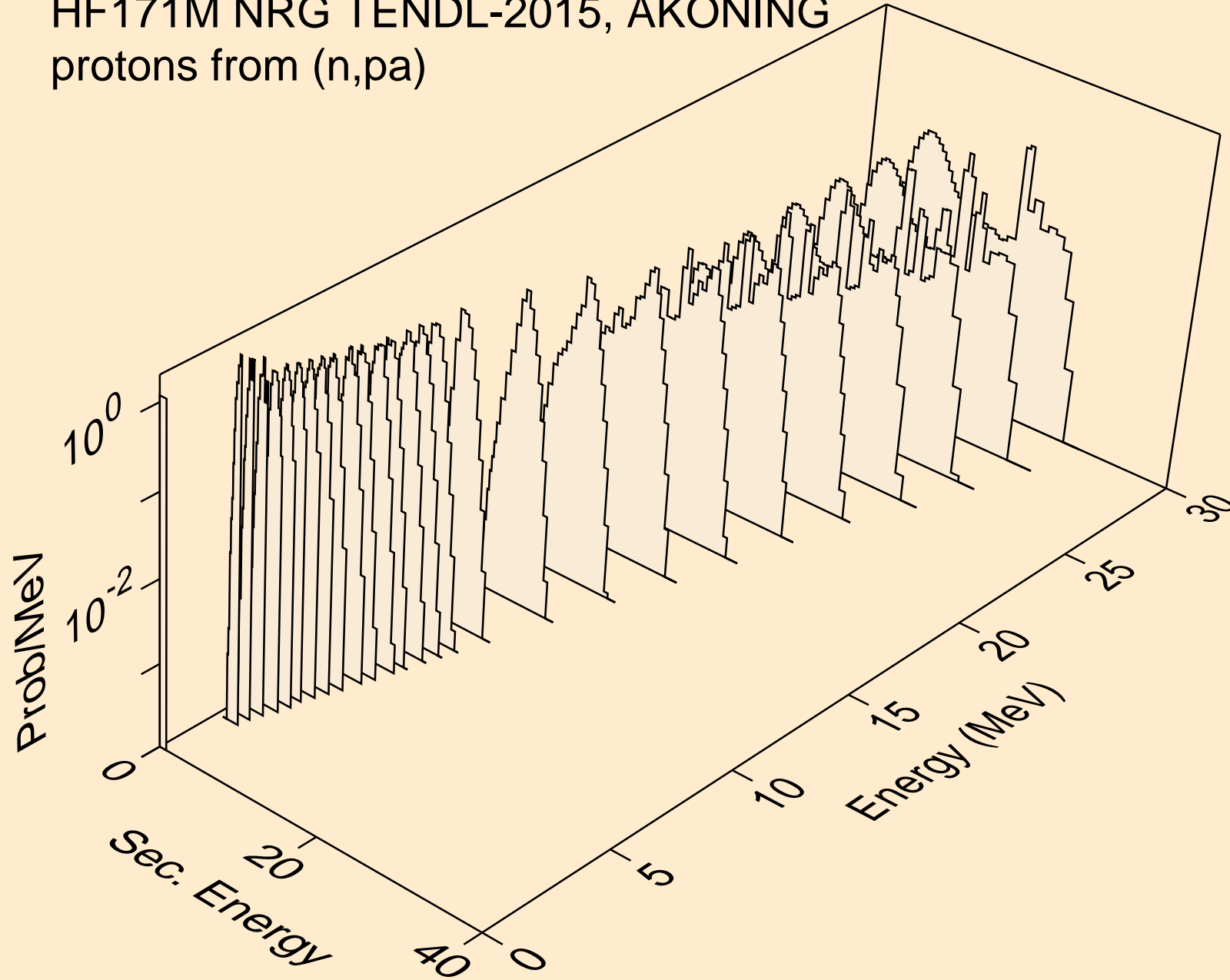
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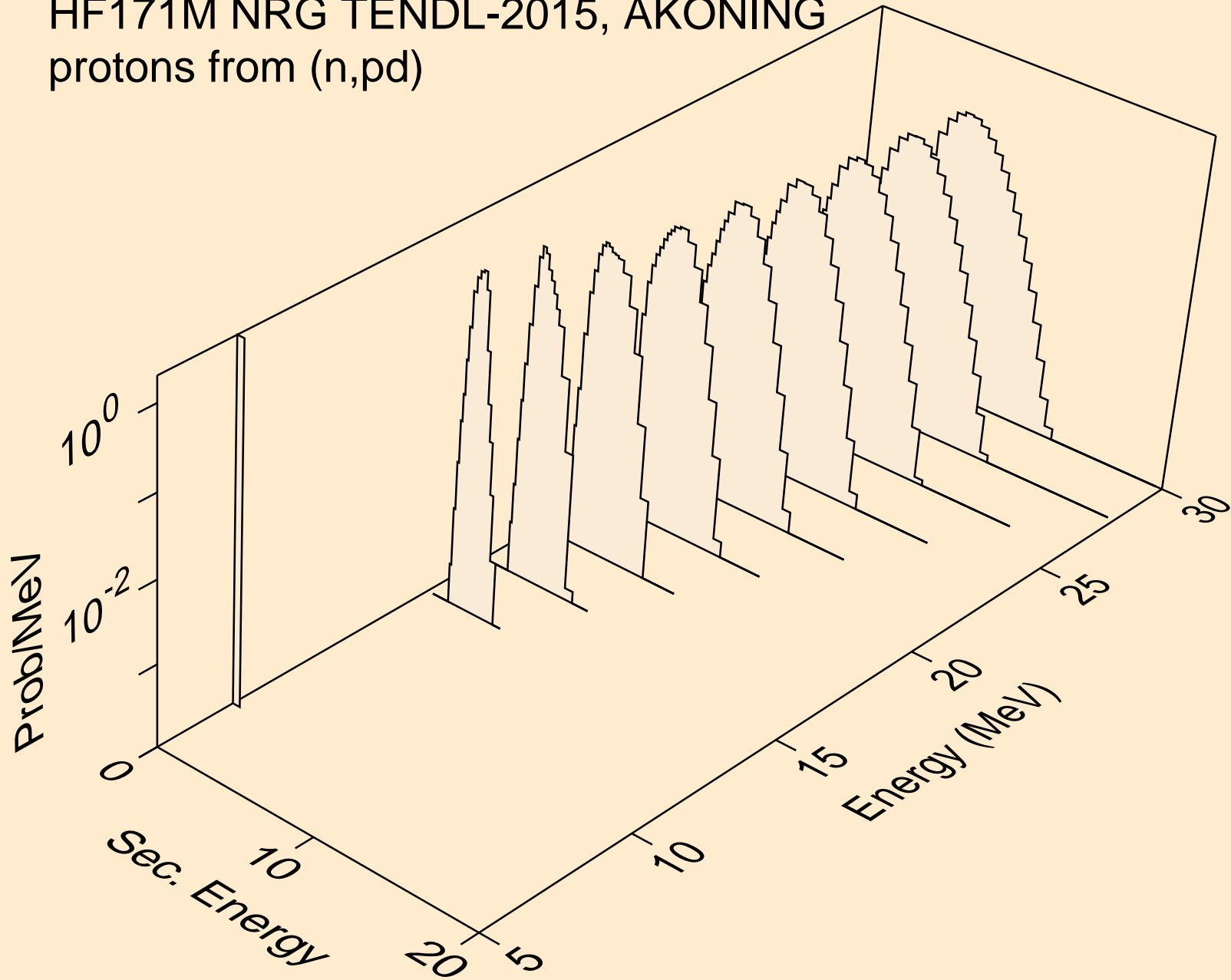
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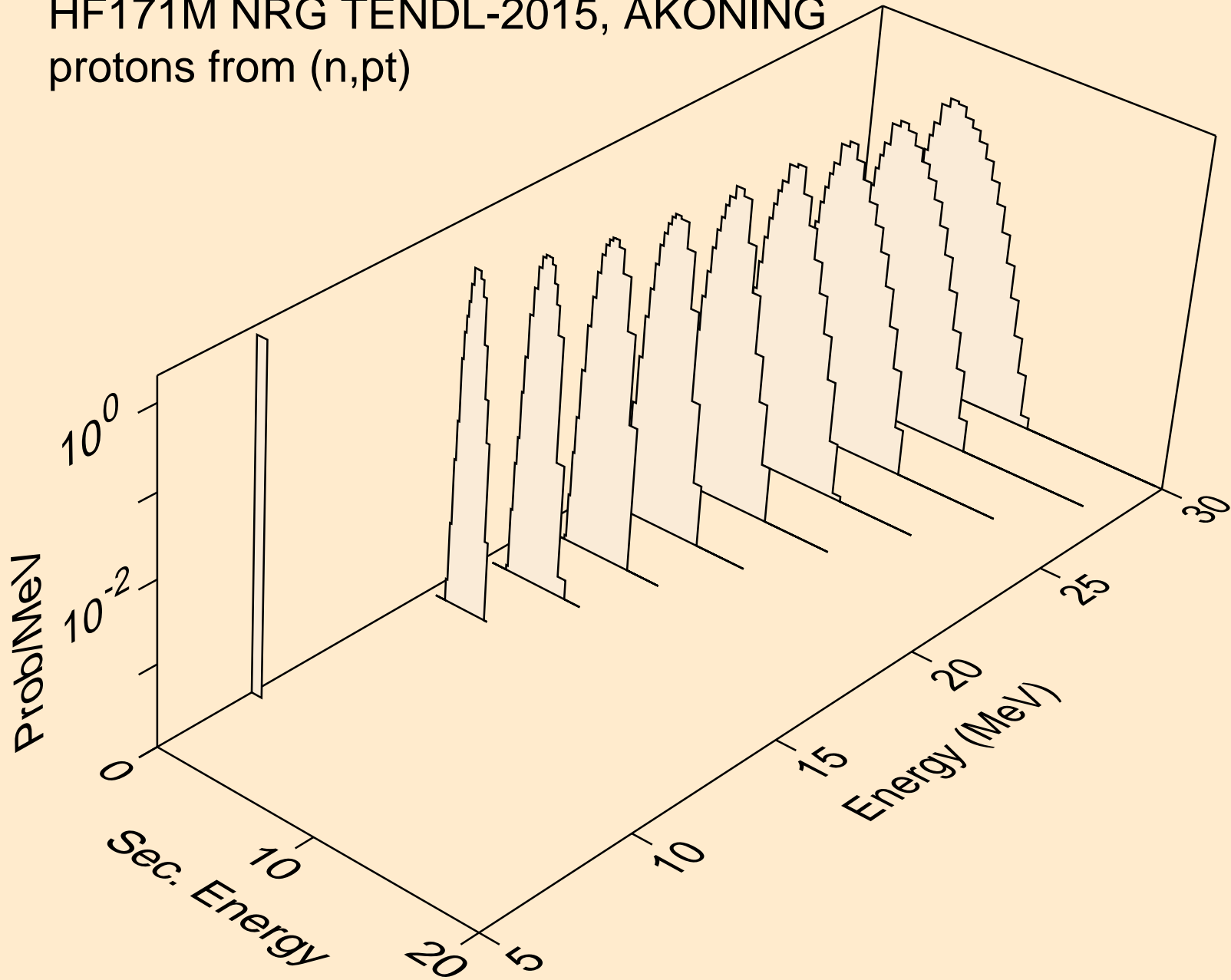
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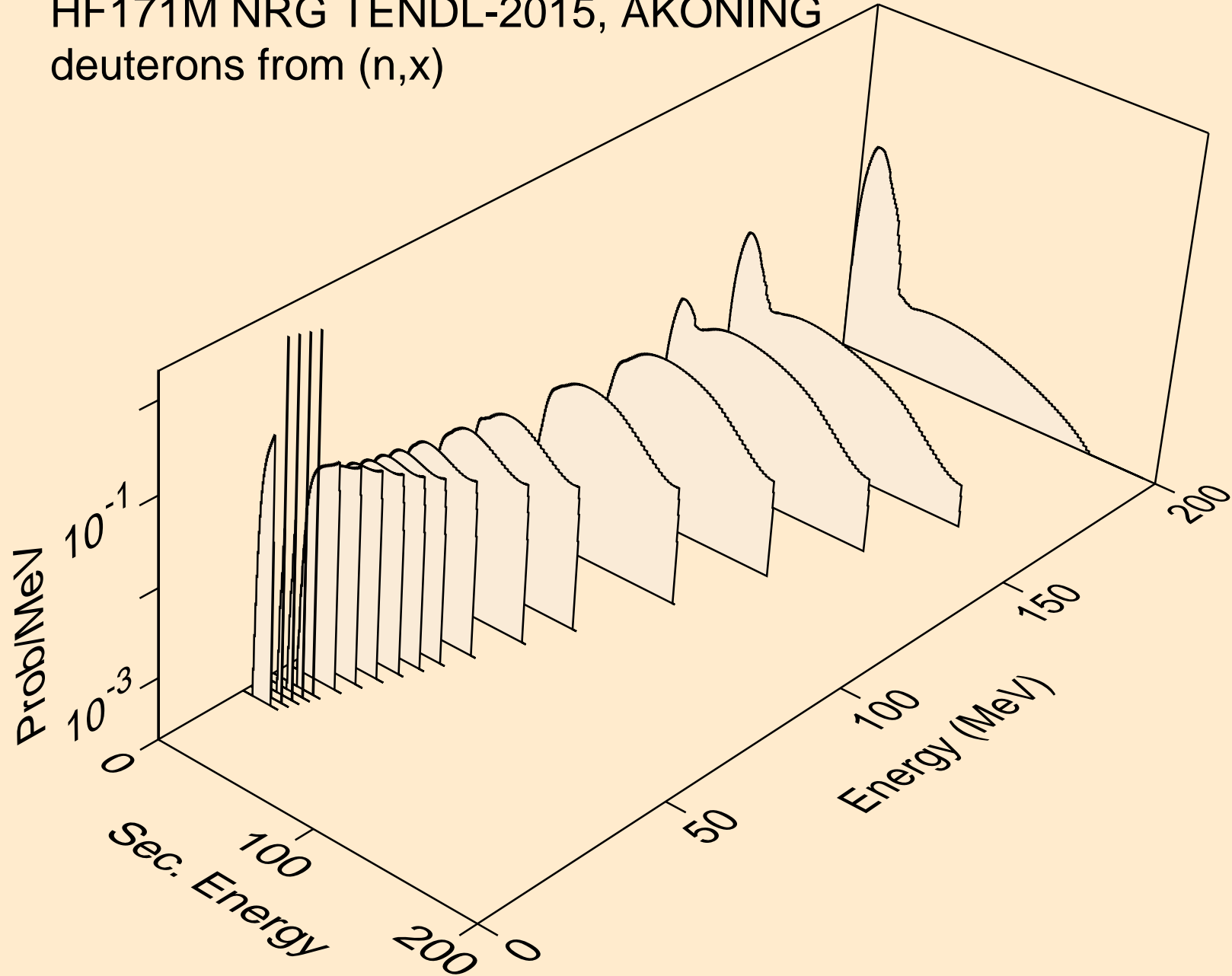
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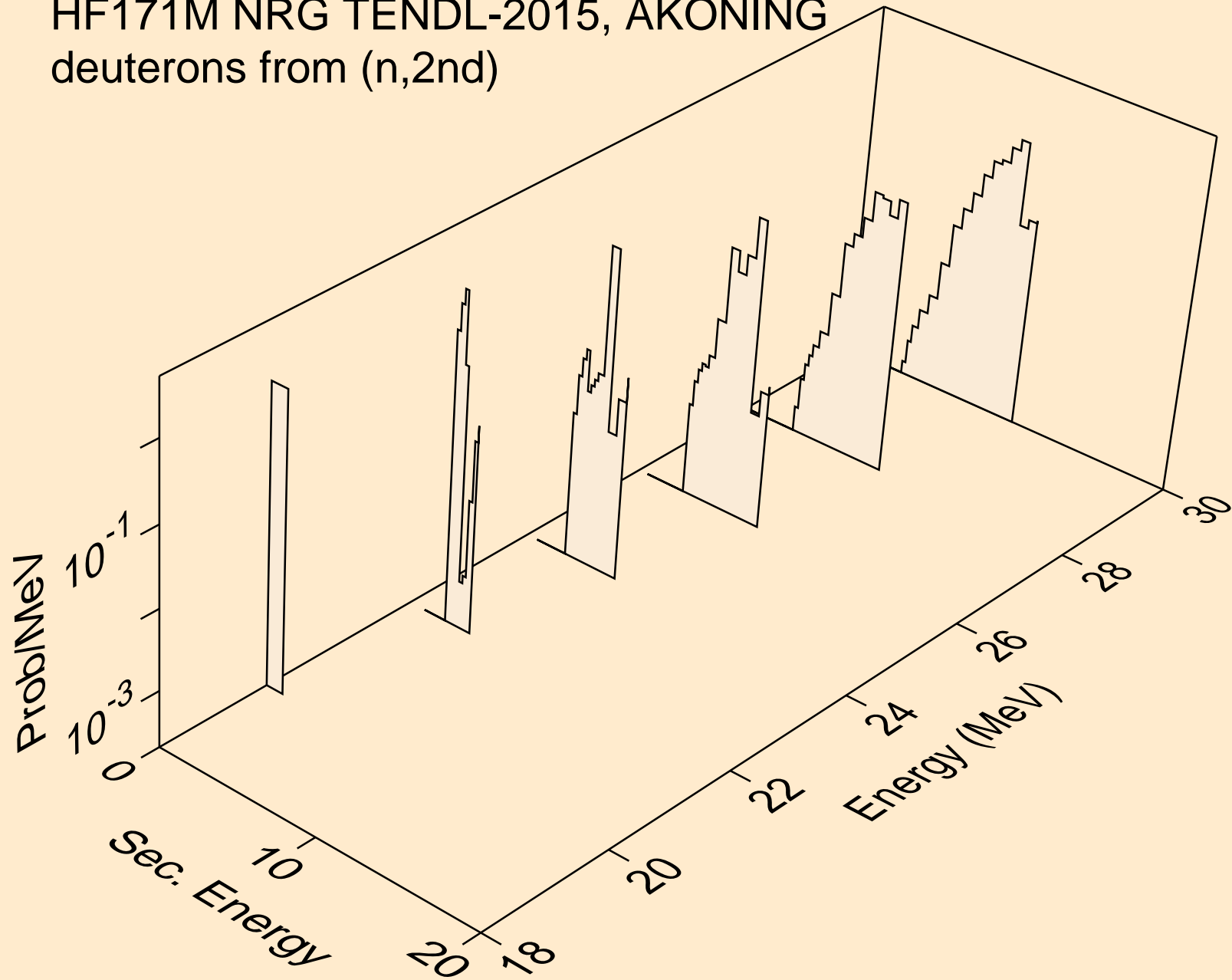
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protons from (n,pt)



HF171M NRG TENDL-2015, AKONING  
deuterons from (n,x)

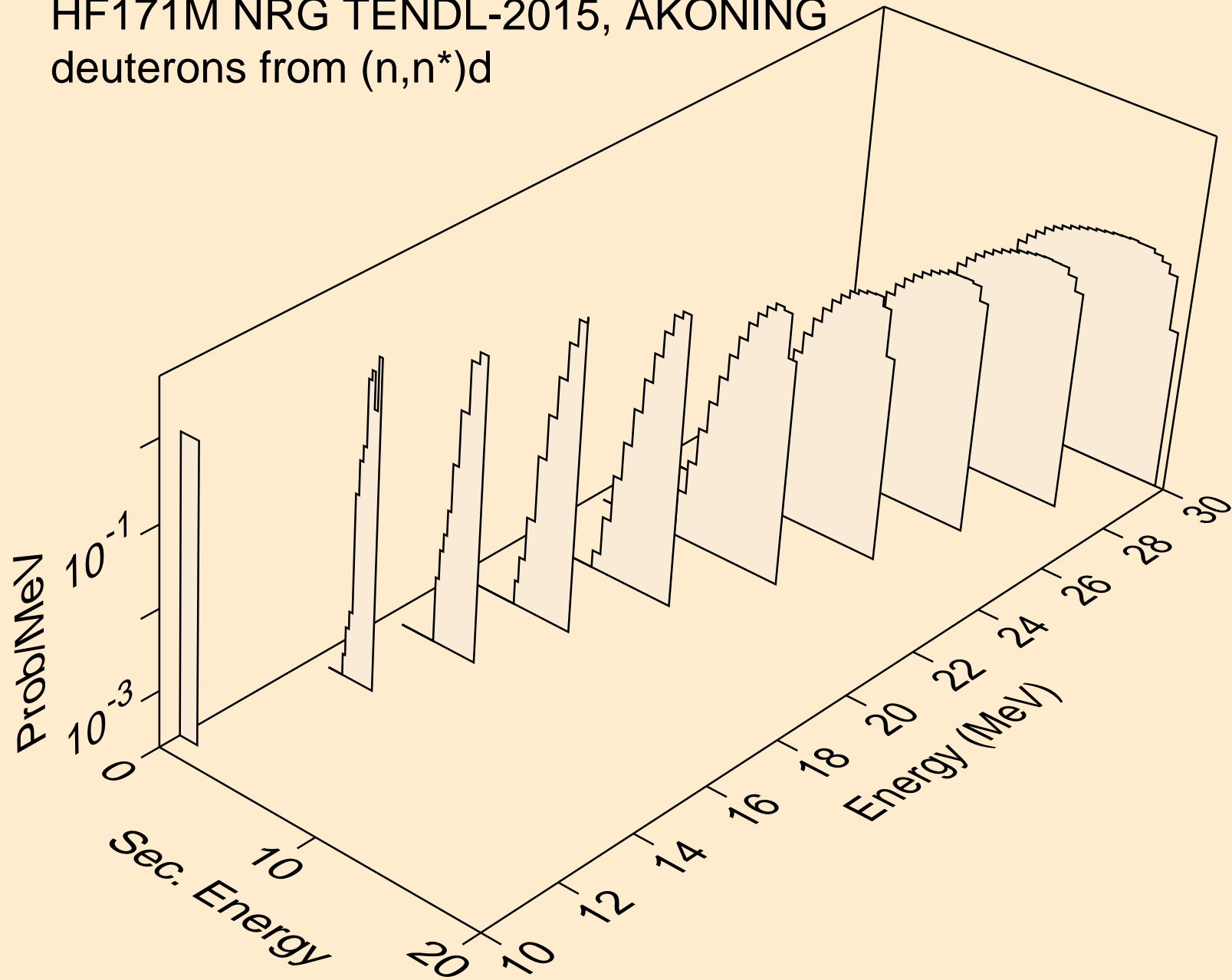


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deuterons from (n,2nd)

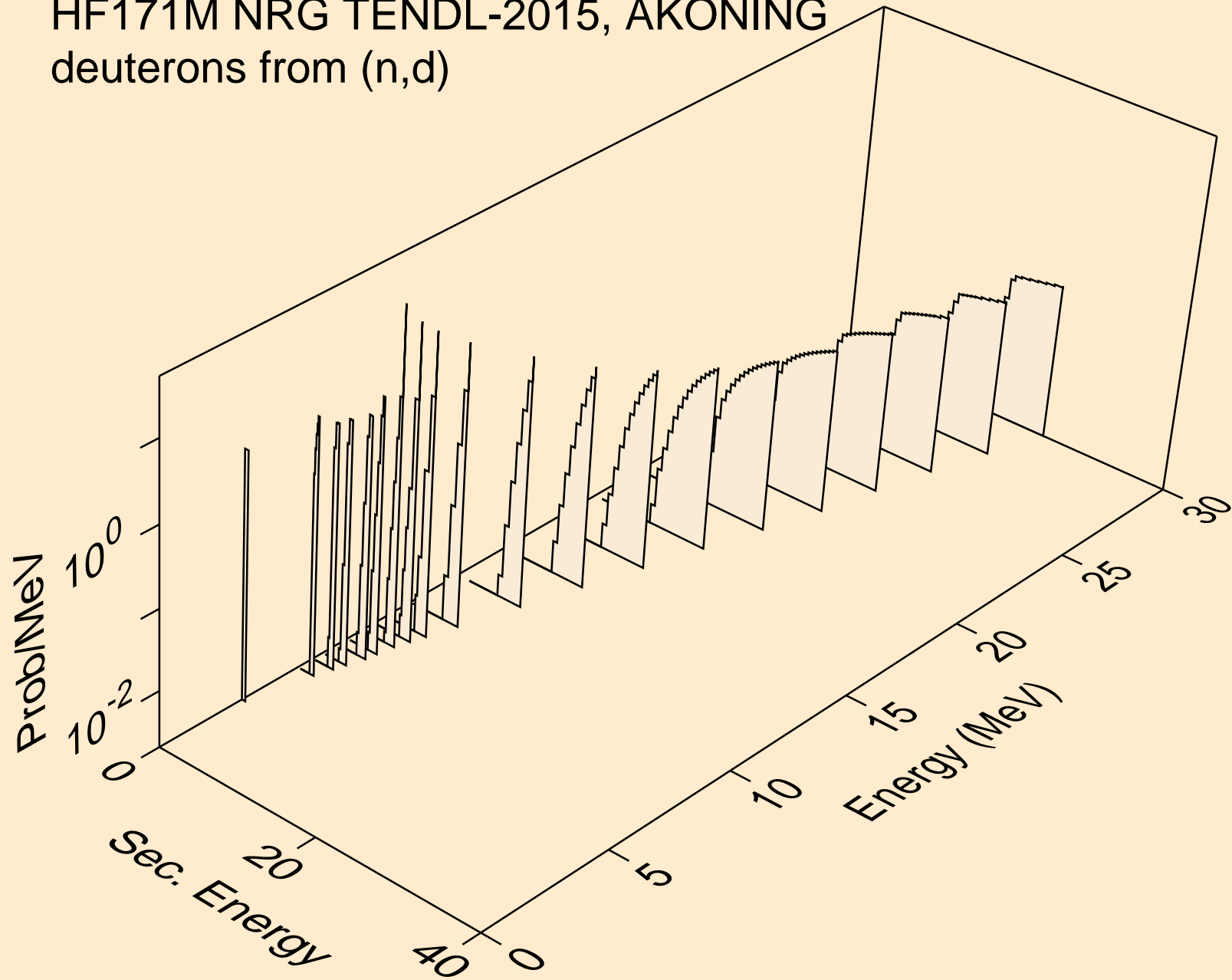




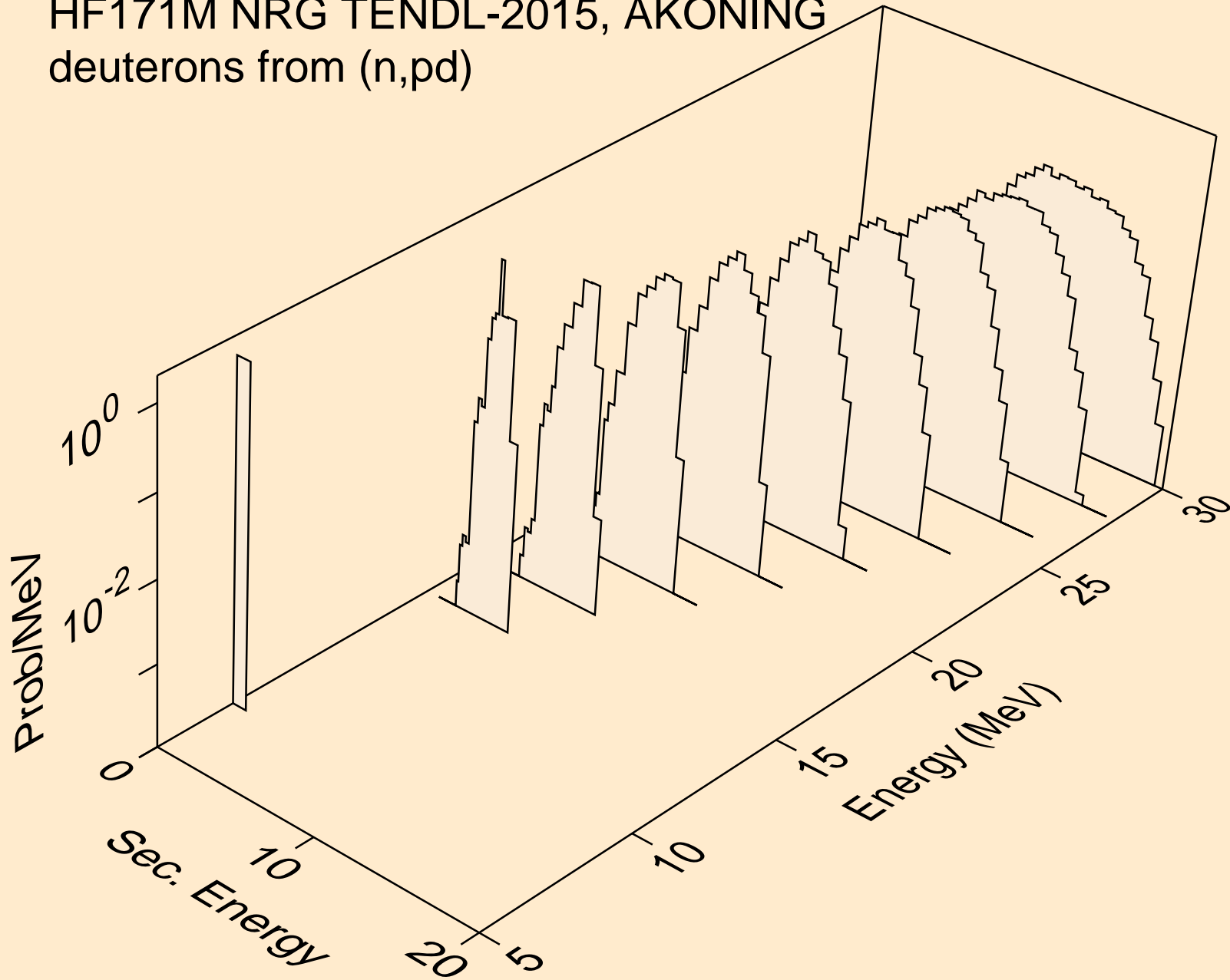
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deuterons from (n,n\*)d



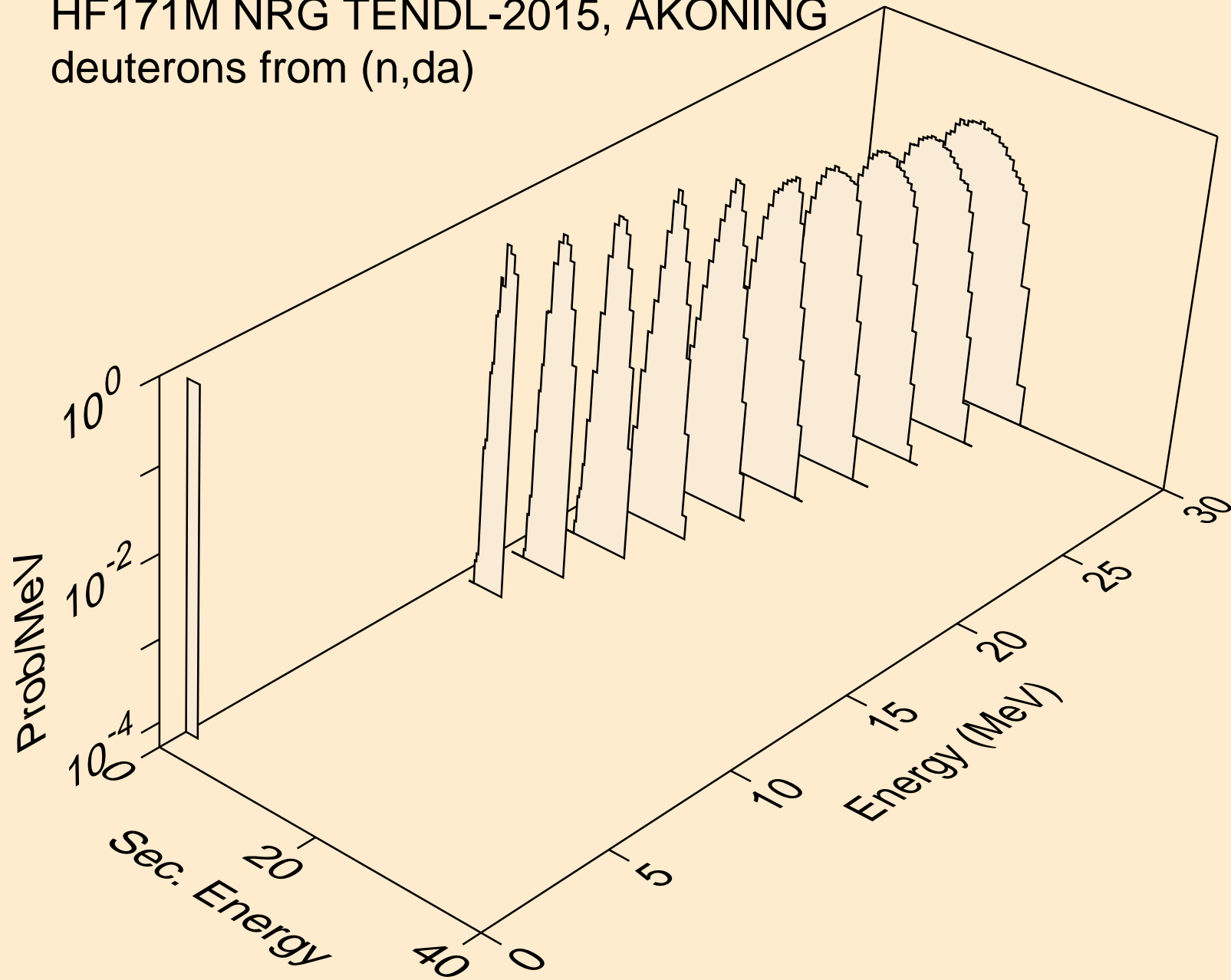
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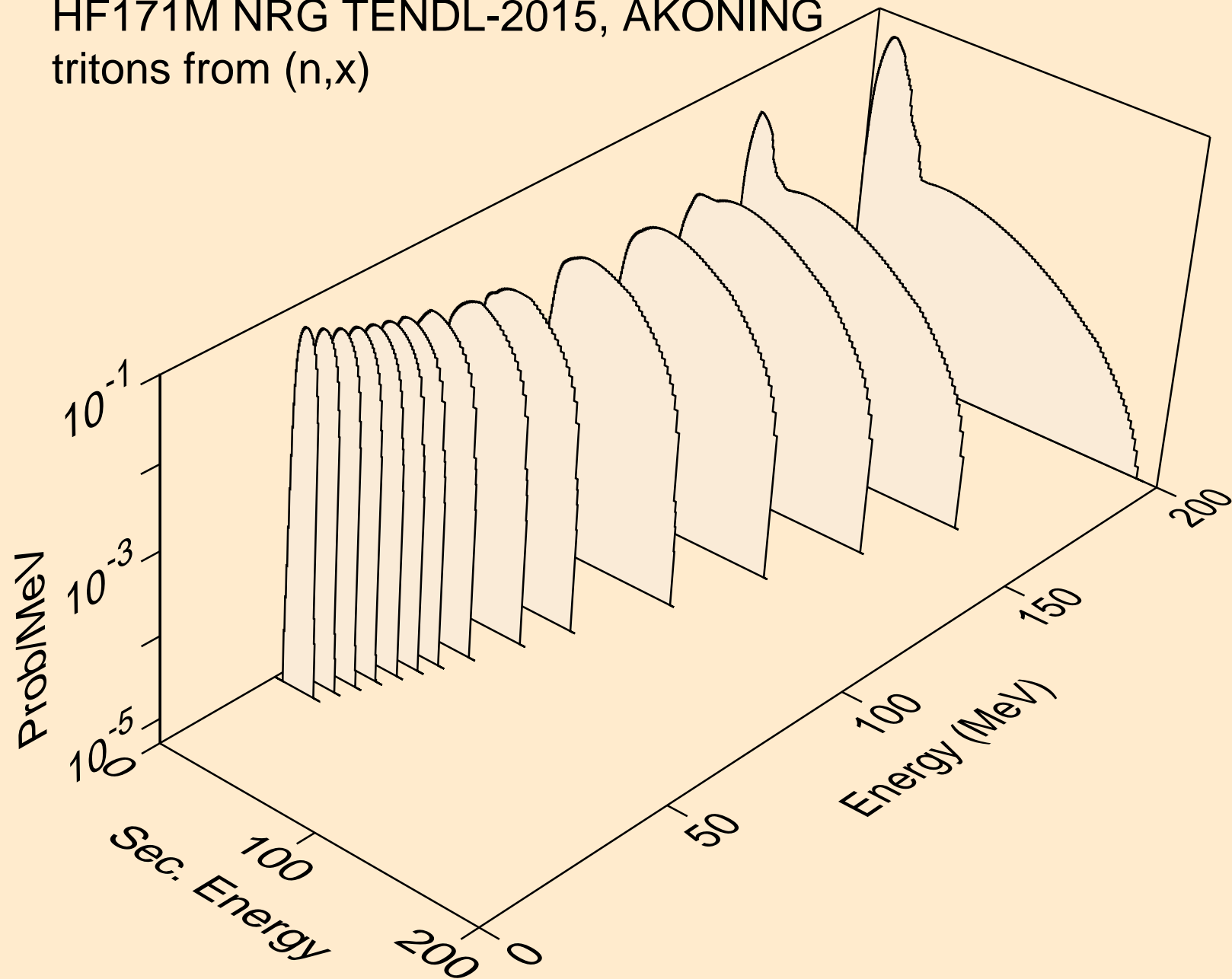
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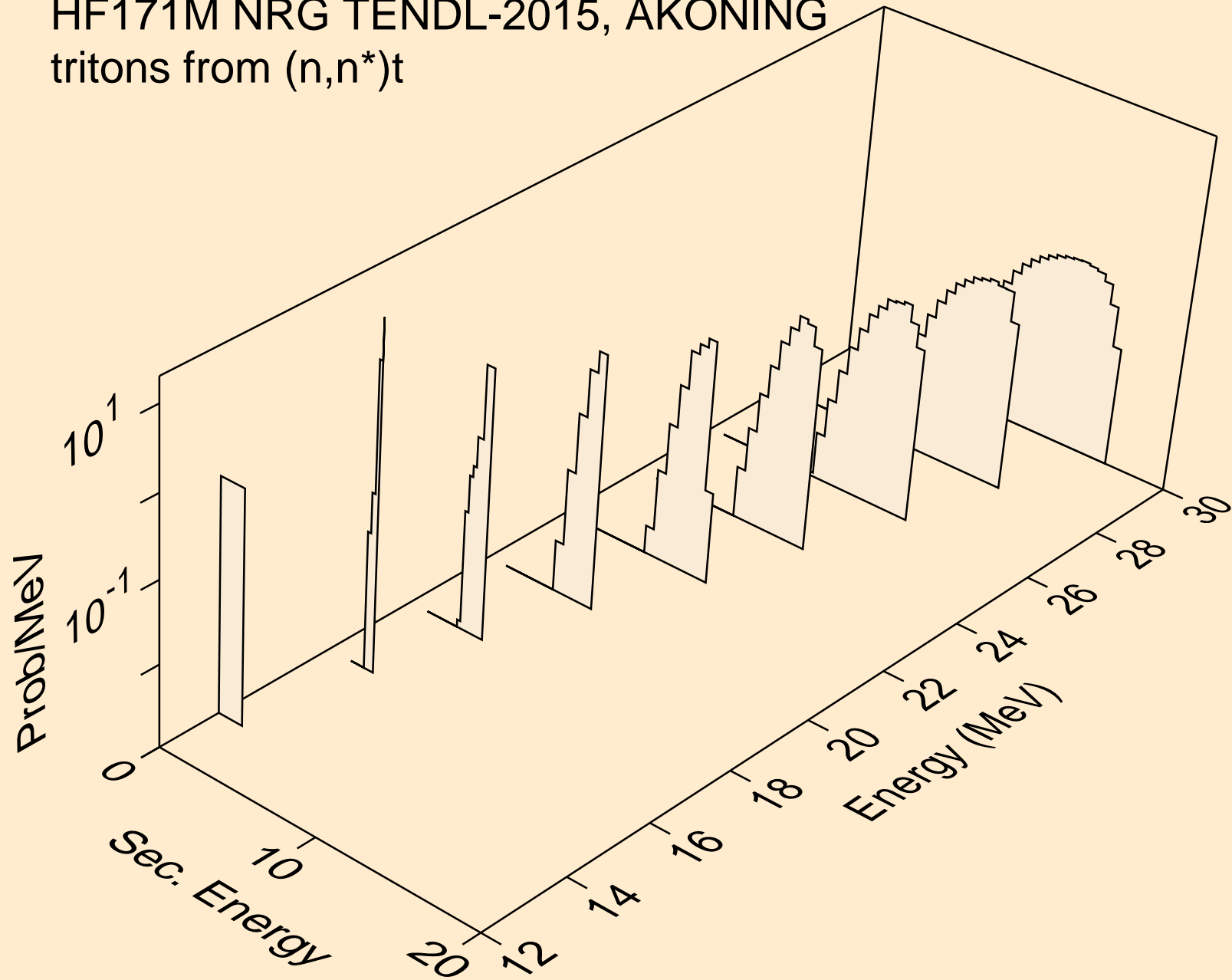
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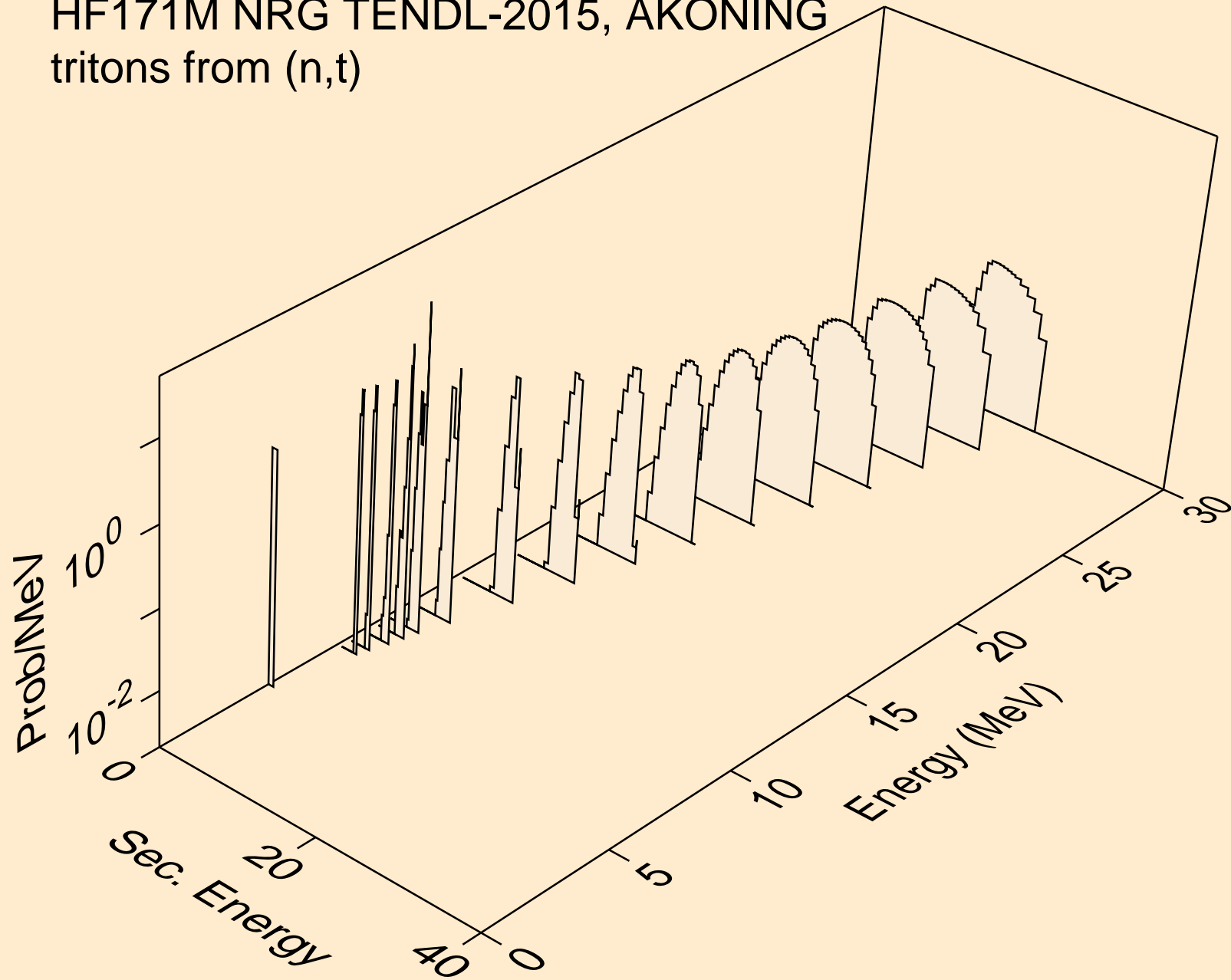
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tritons from (n,x)



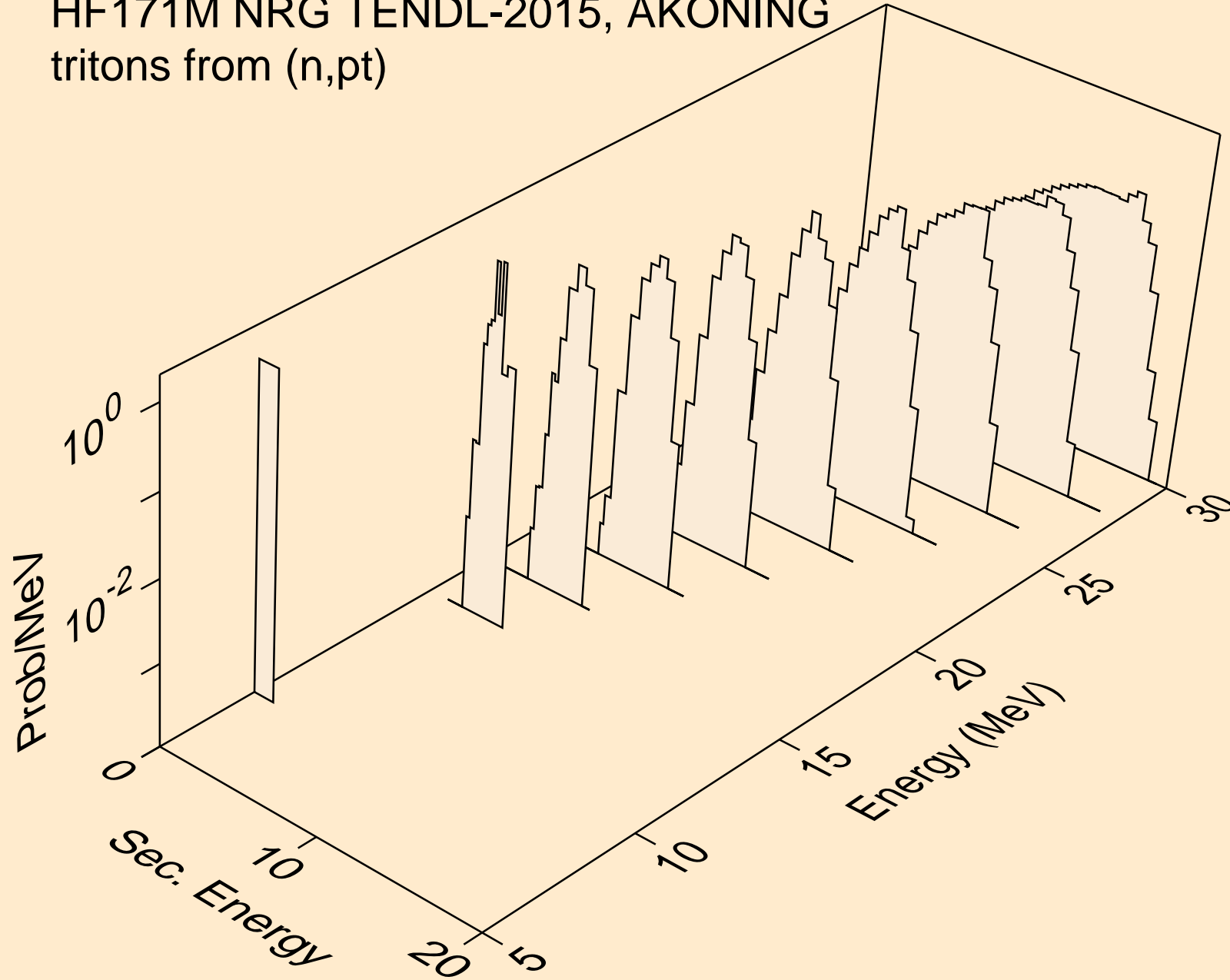
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tritons from (n,n\*)t



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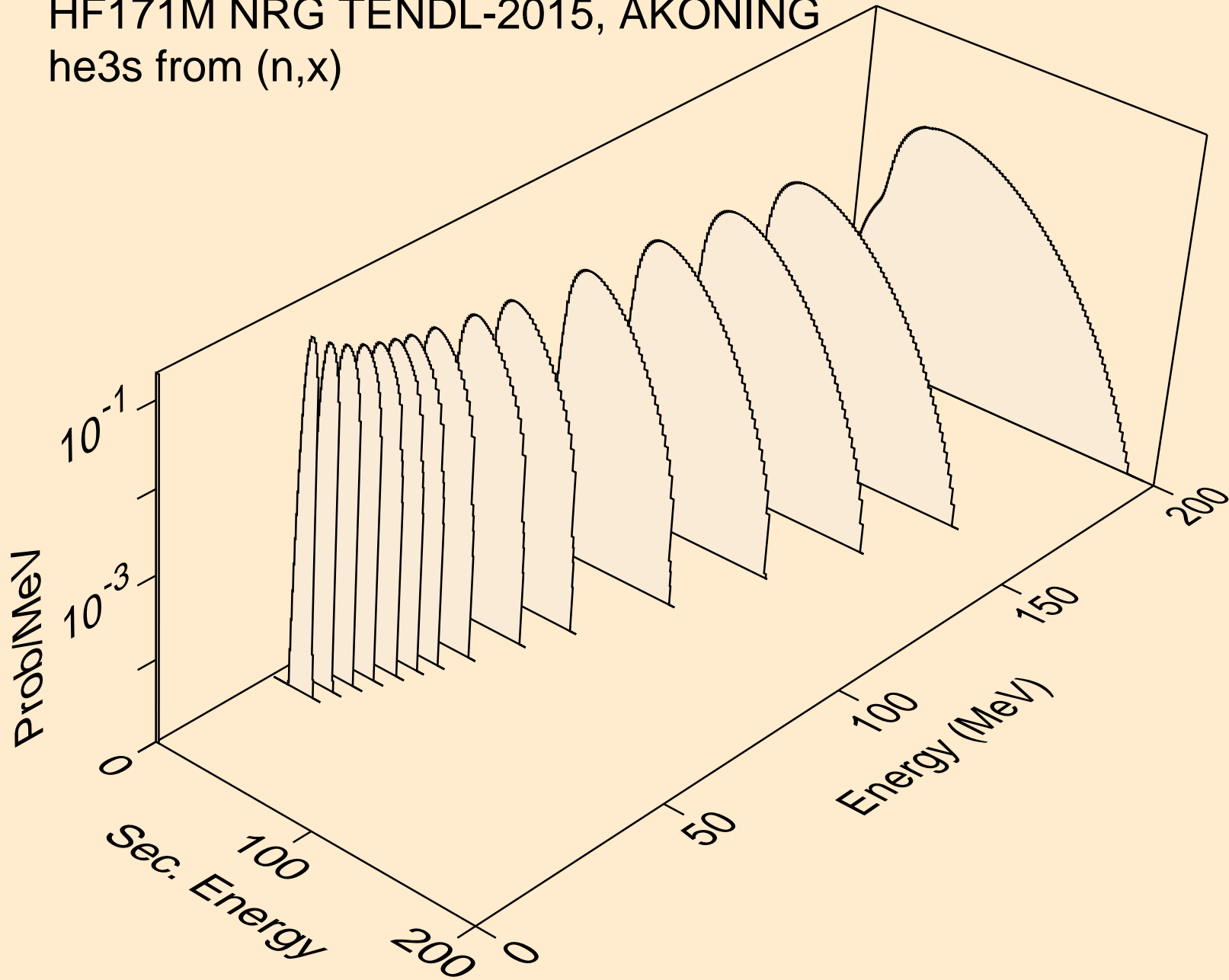


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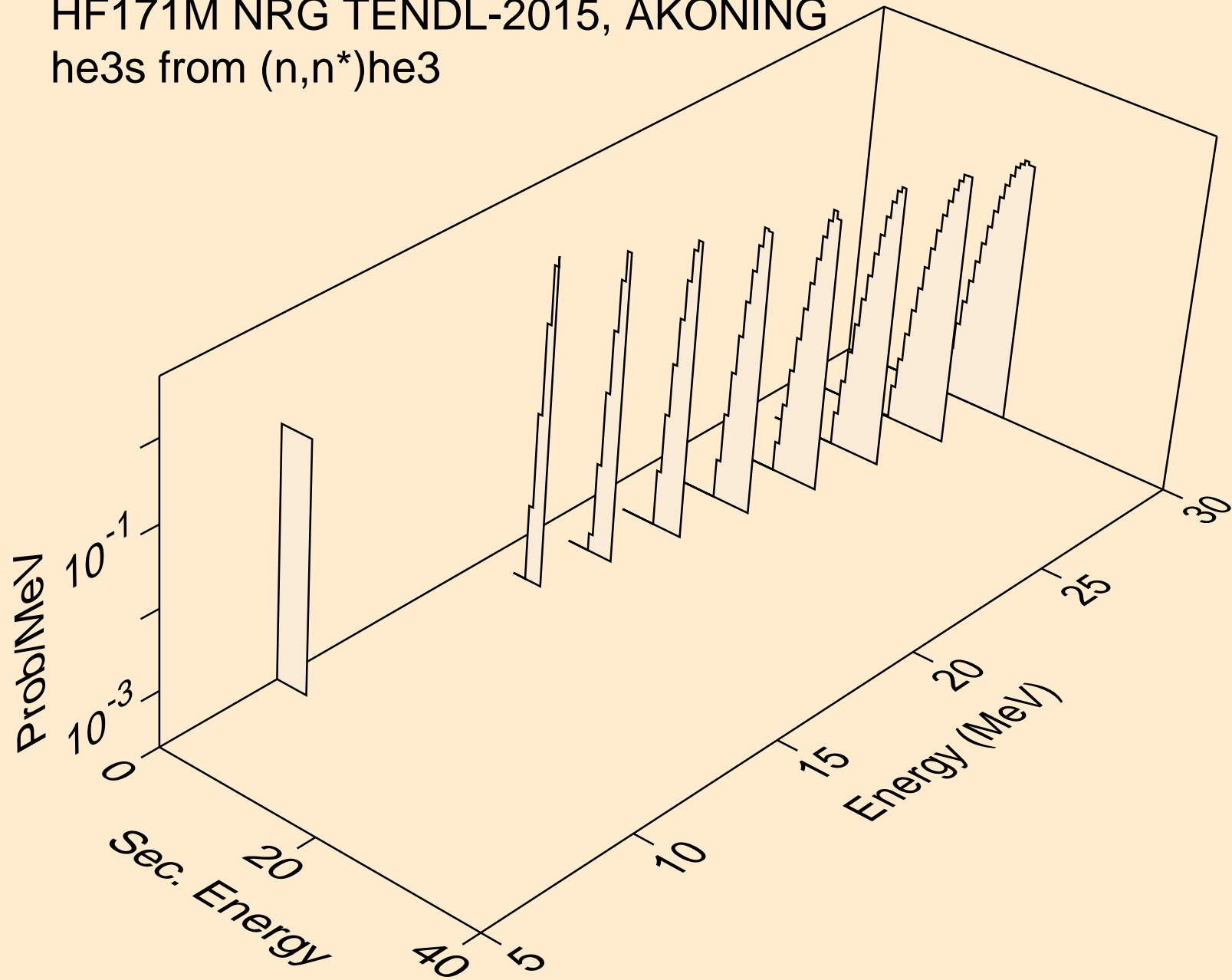




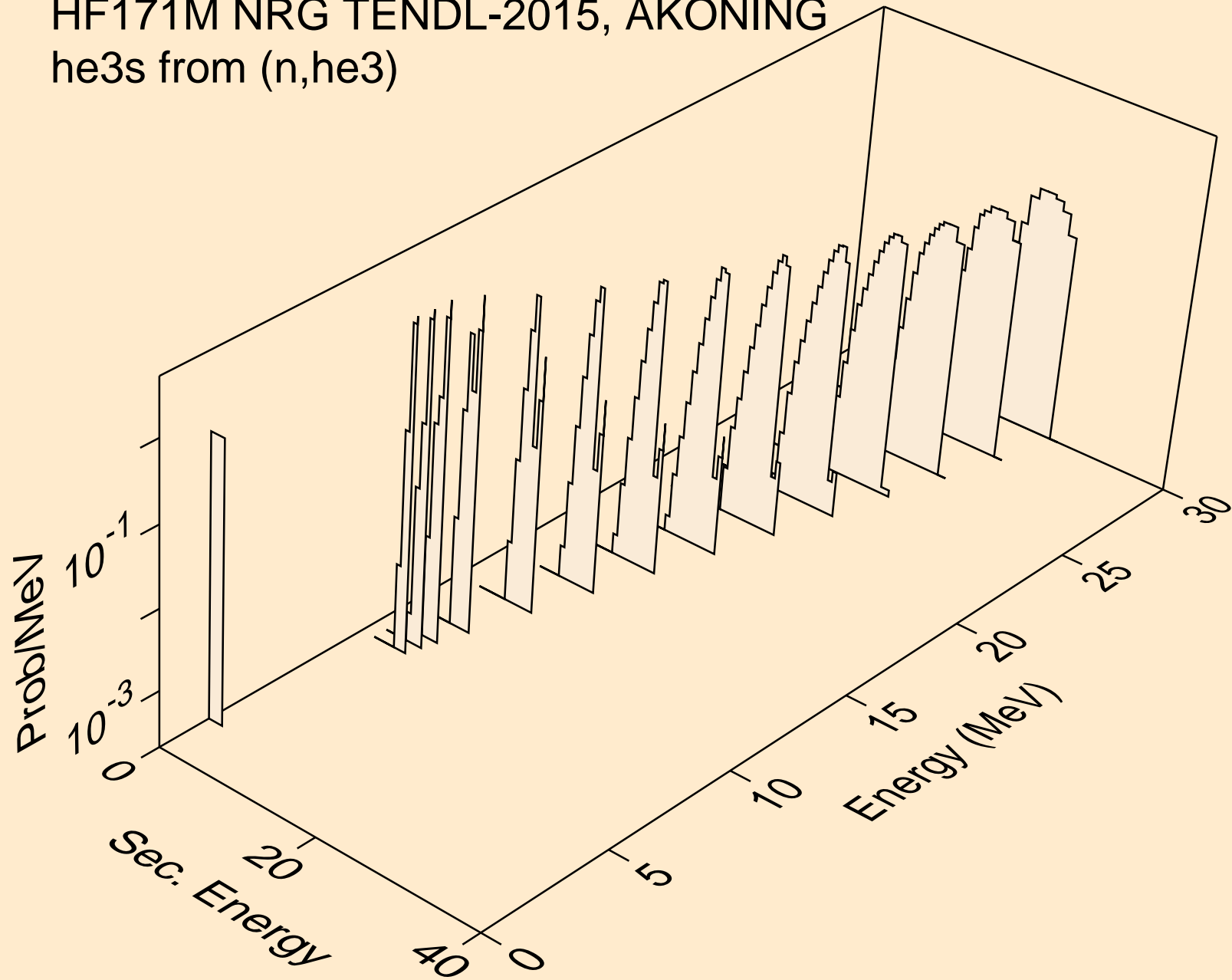
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he3s from (n,x)



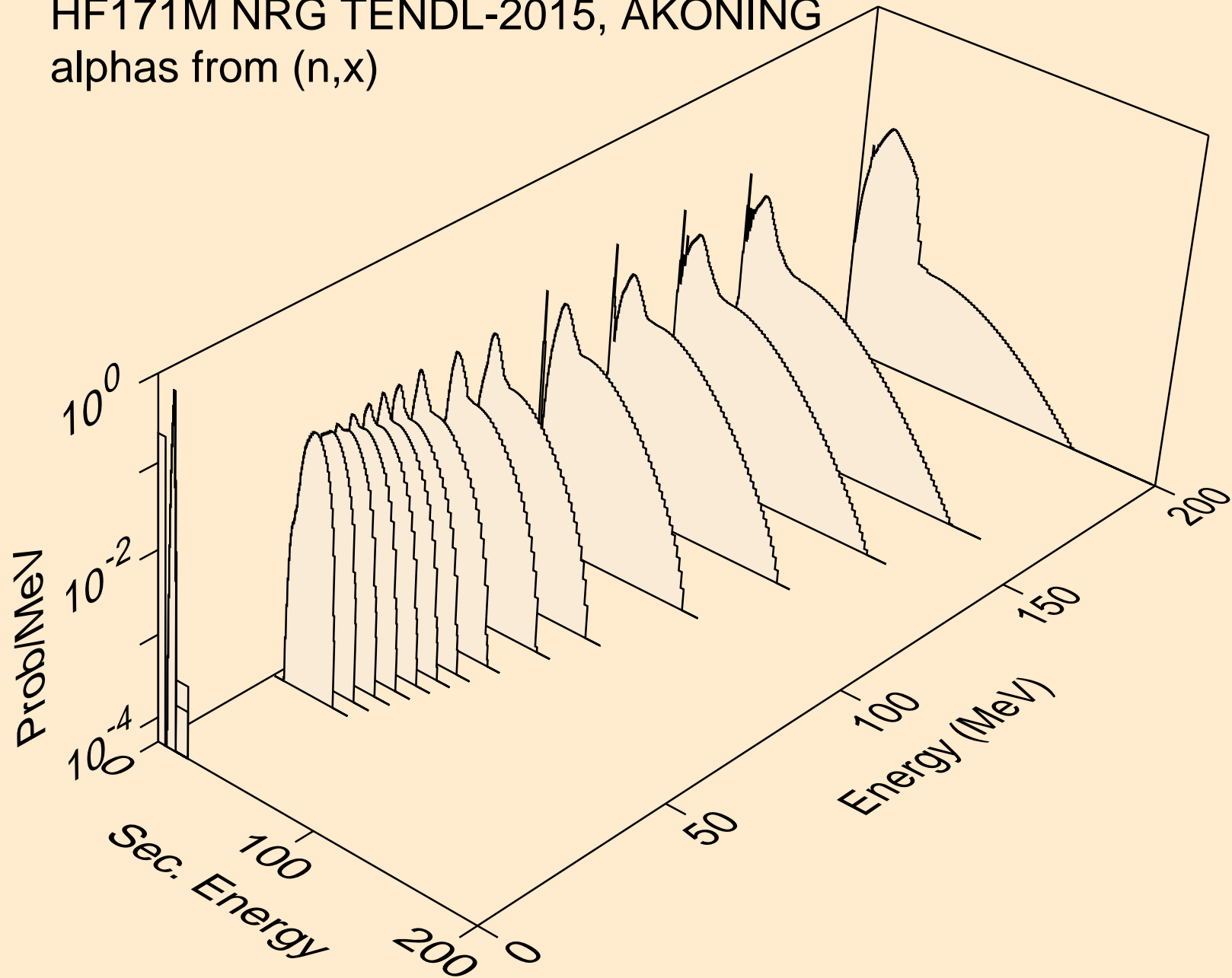
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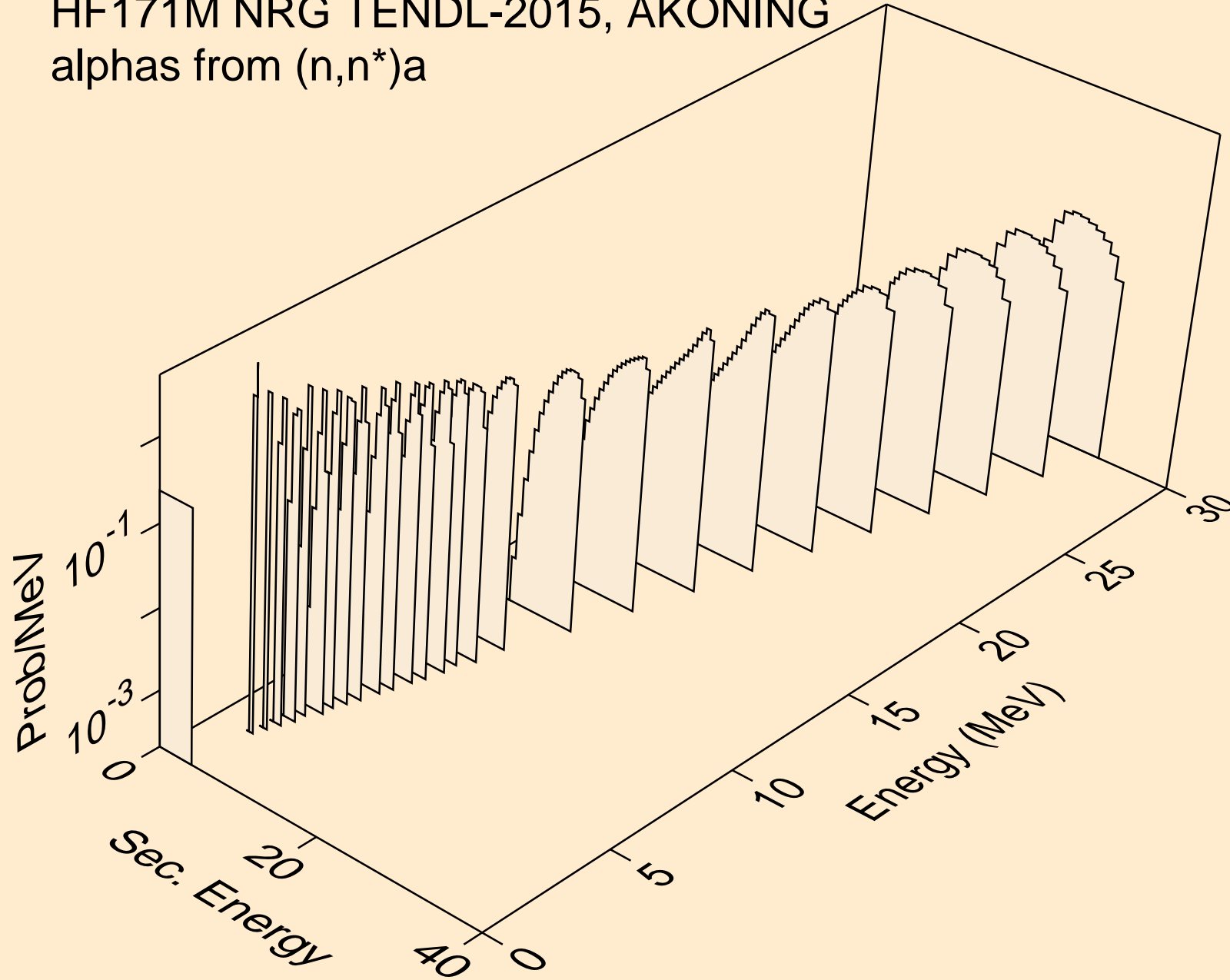
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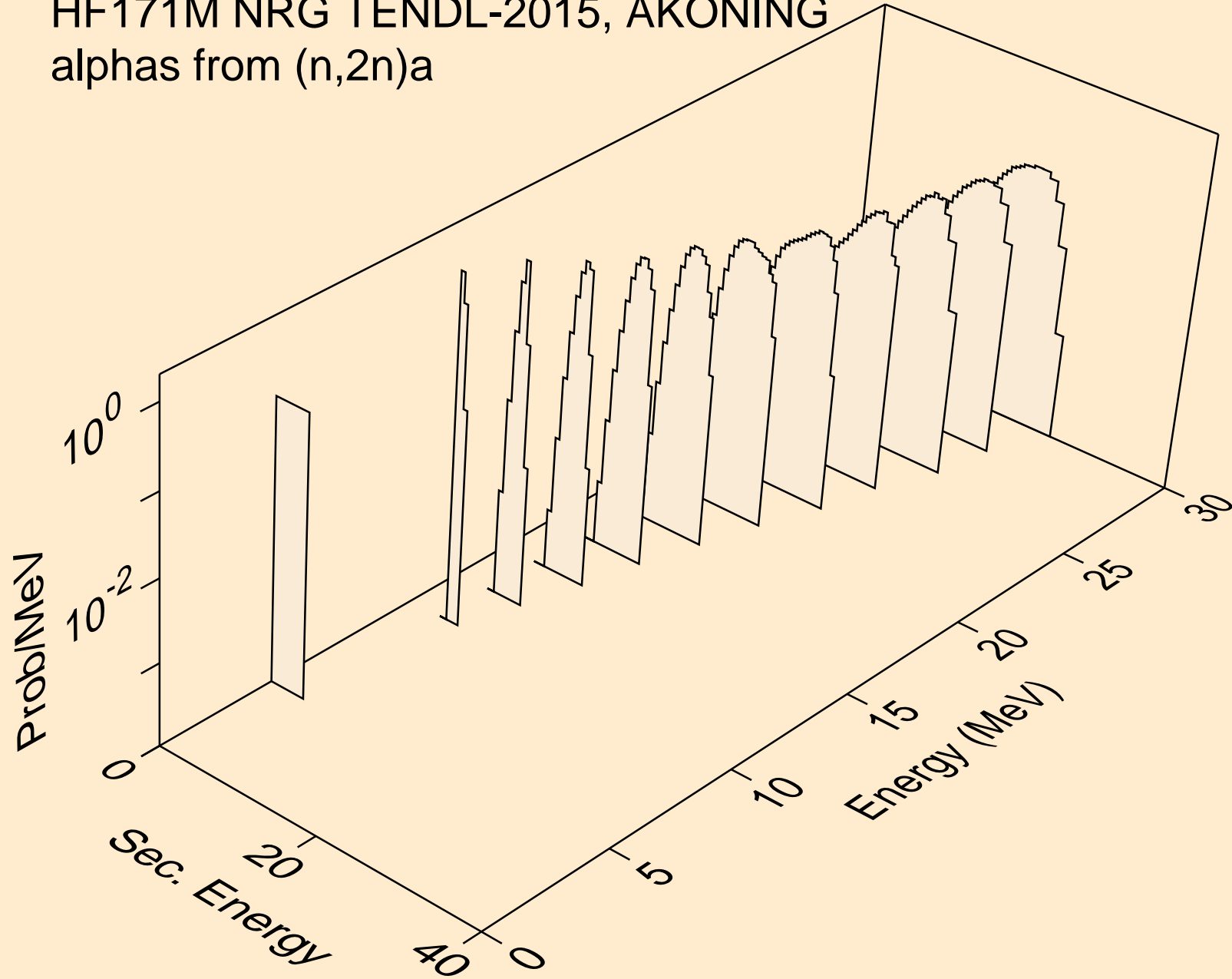
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alphas from (n,x)



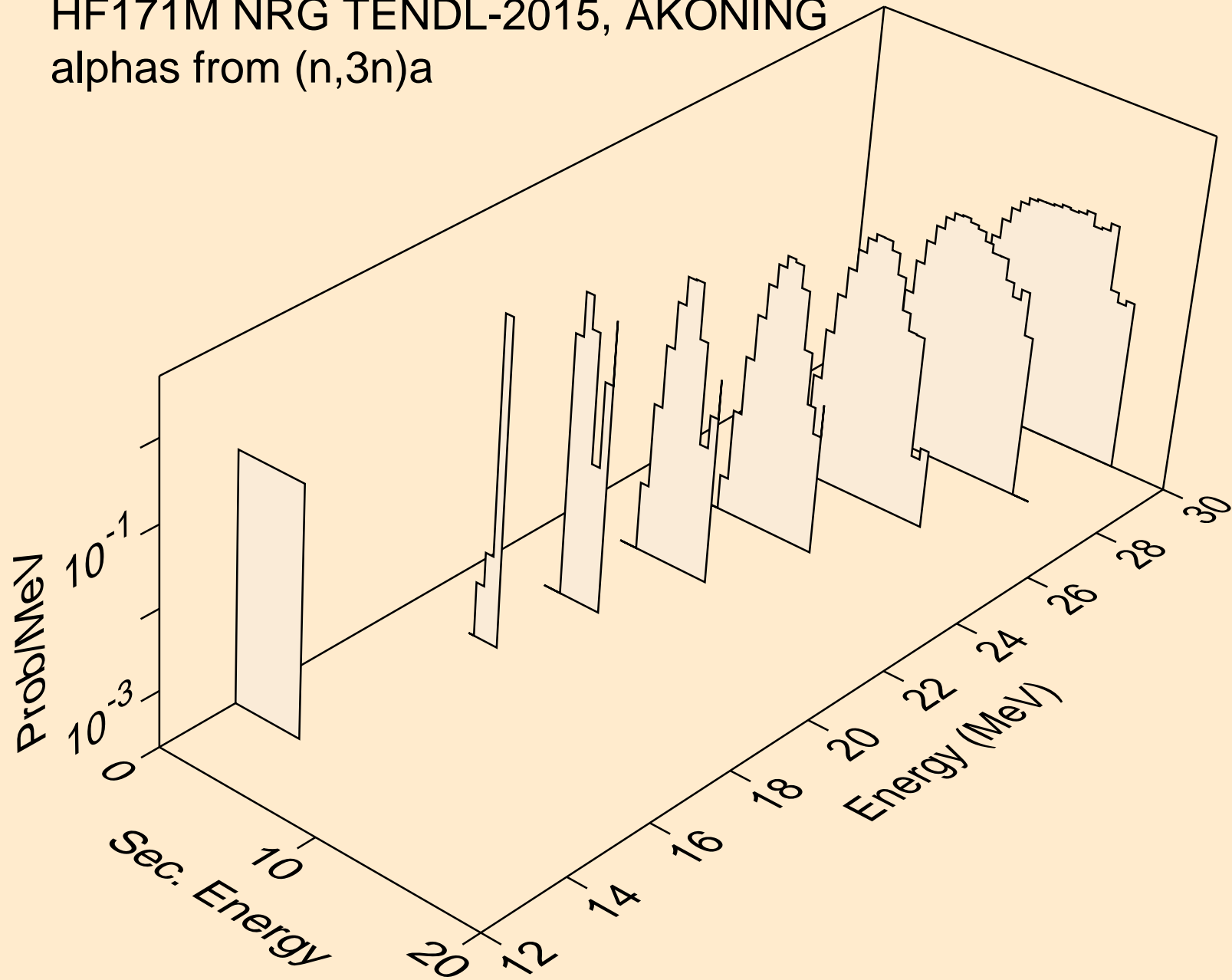
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alphas from (n,n\*)a



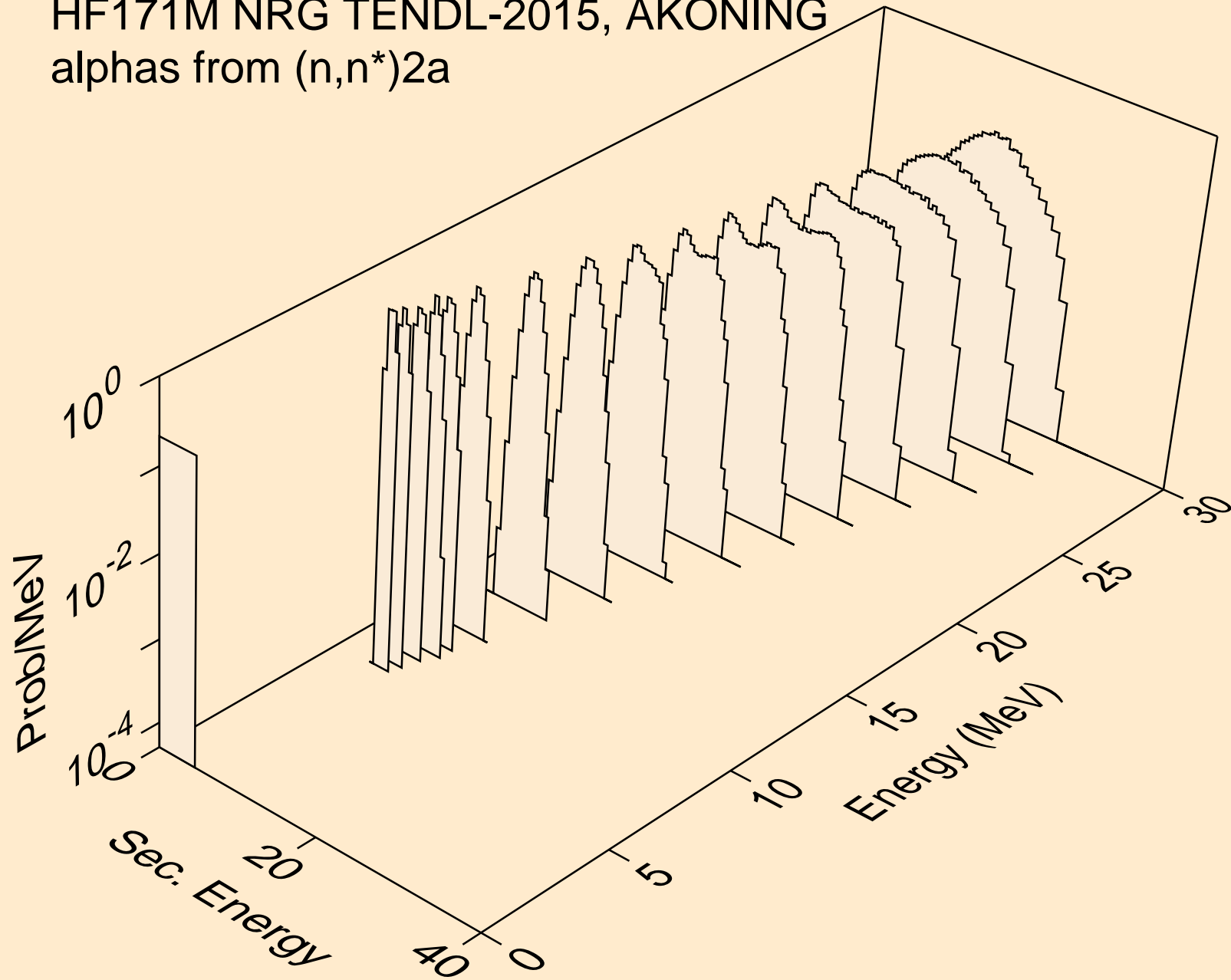
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alphas from (n,2n)a



HF171M NRG TENDL-2015, AKONING  
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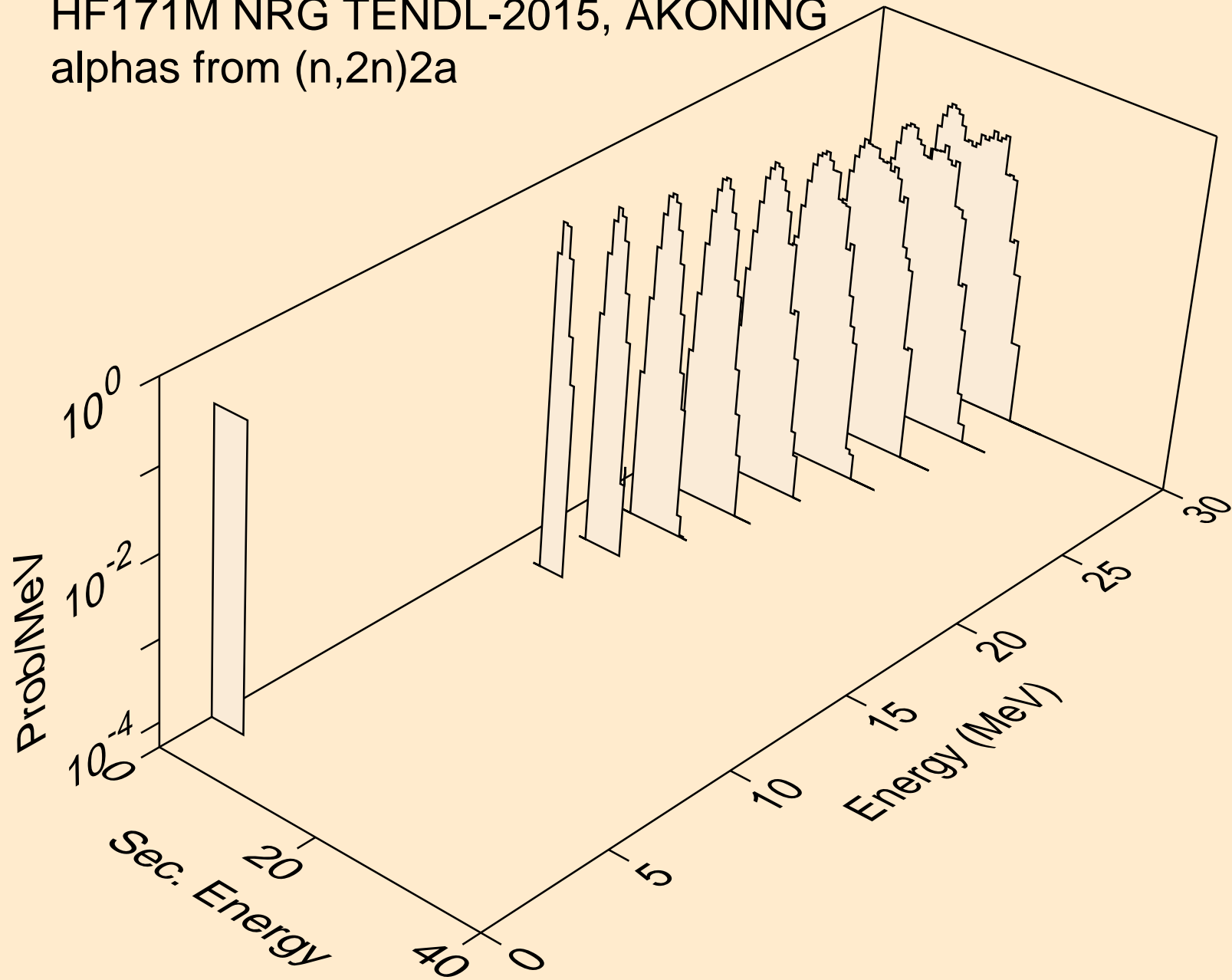


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alphas from (n,n\*)2a

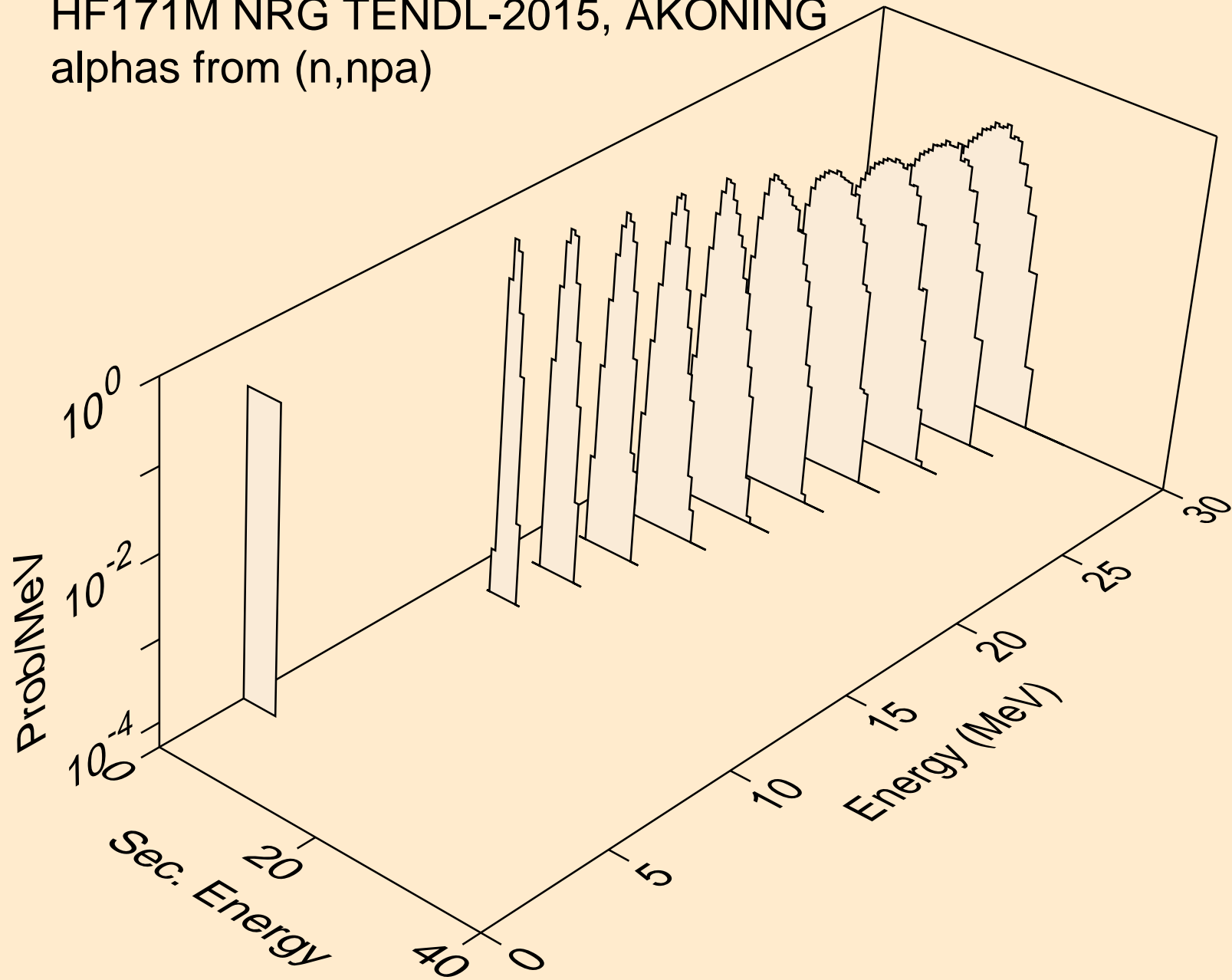




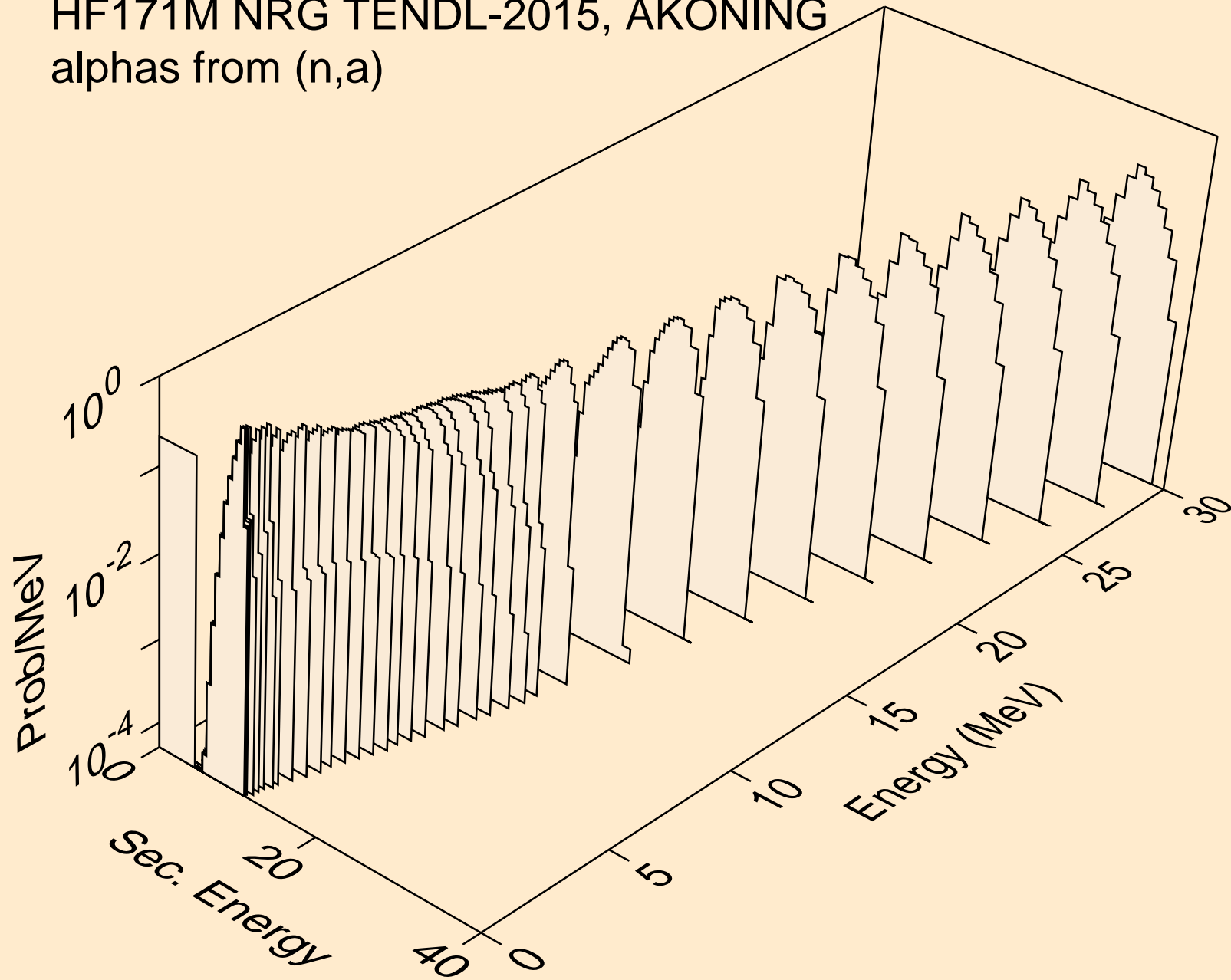
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alphas from (n,2n)2a



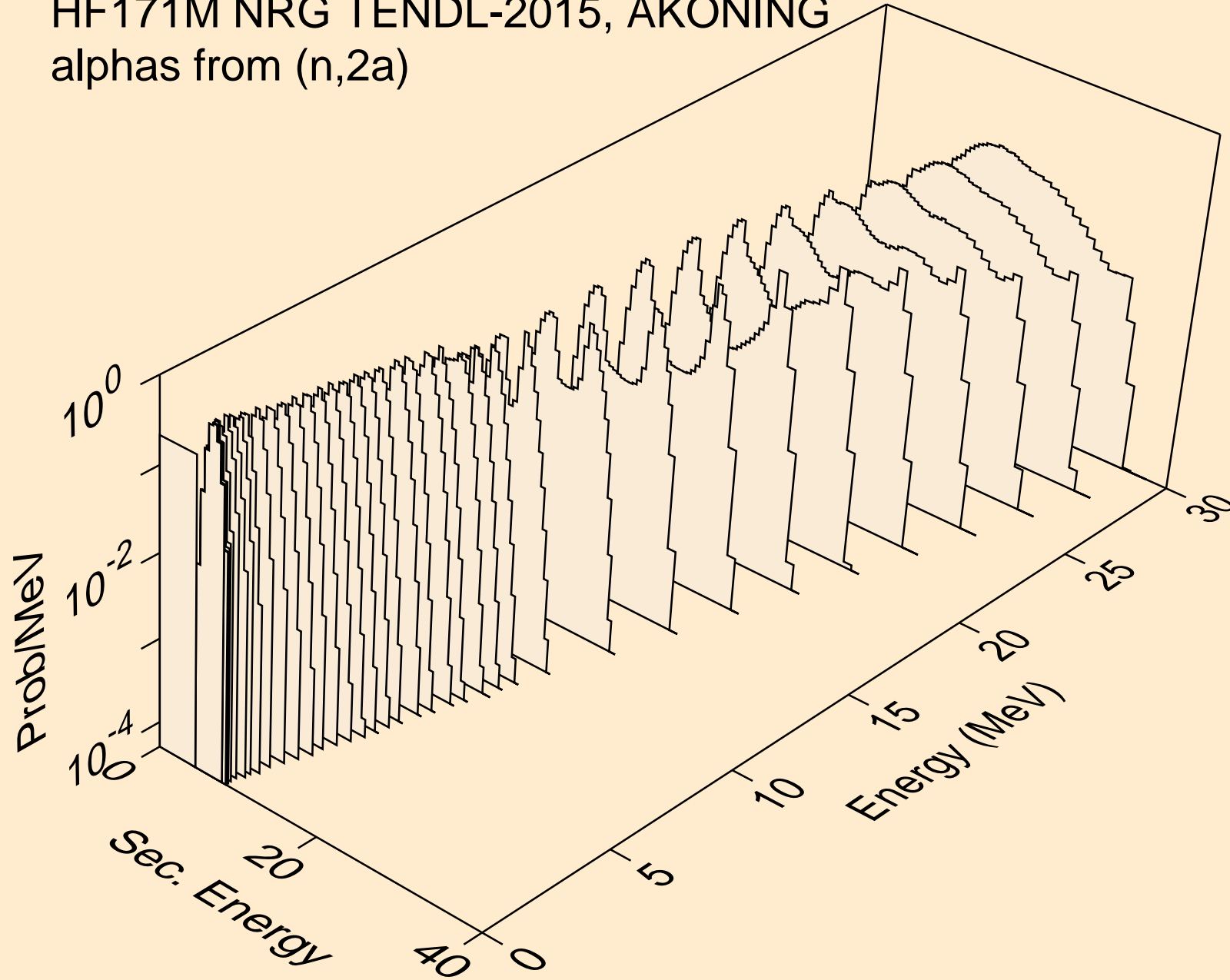
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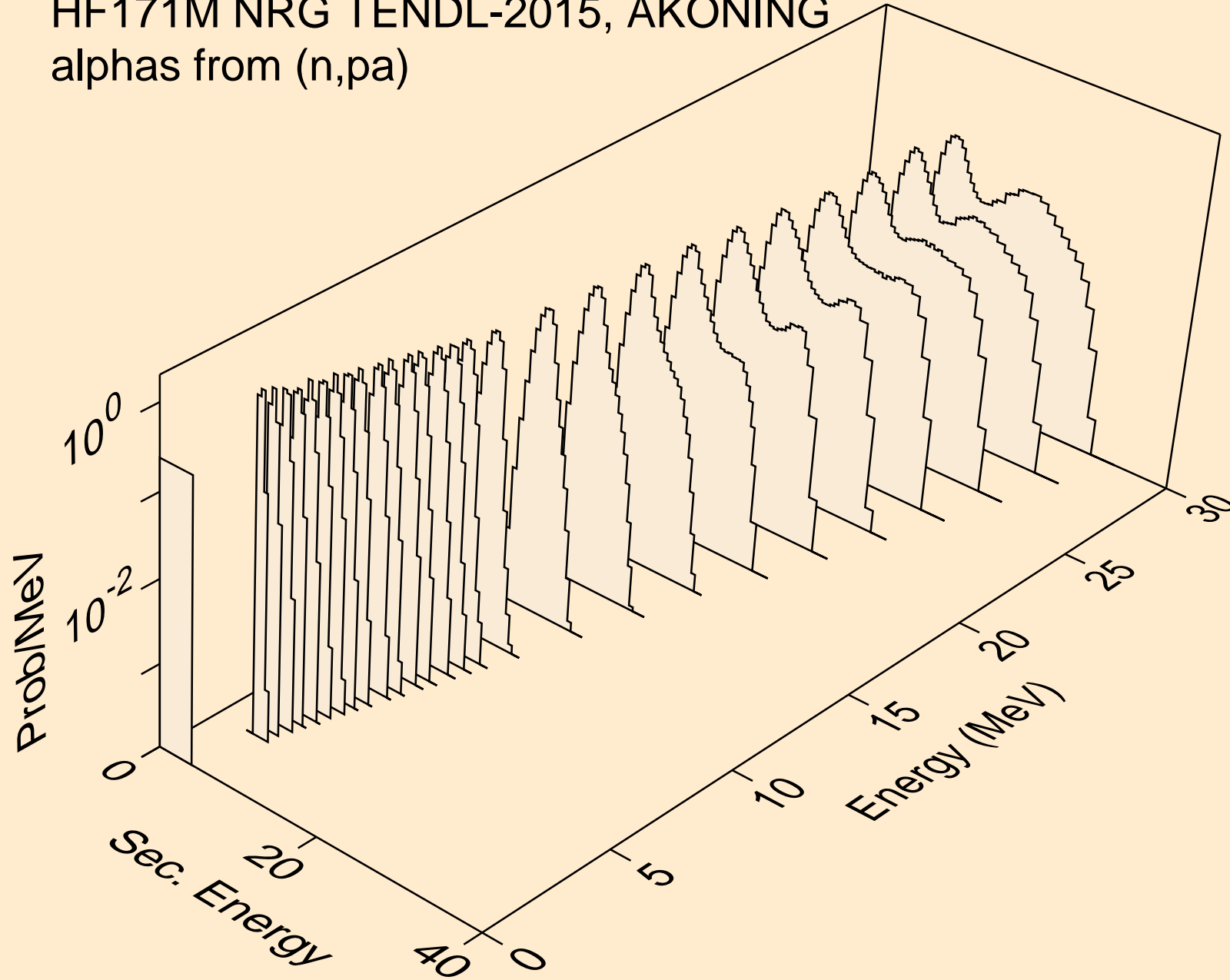
HF171M NRG TENDL-2015, AKONING  
alphas from (n,a)



HF171M NRG TENDL-2015, AKONING  
alphas from (n,2a)



HF171M NRG TENDL-2015, AKONING  
alphas from (n,pa)



HF171M NRG TENDL-2015, AKONING  
alphas from (n,da)

