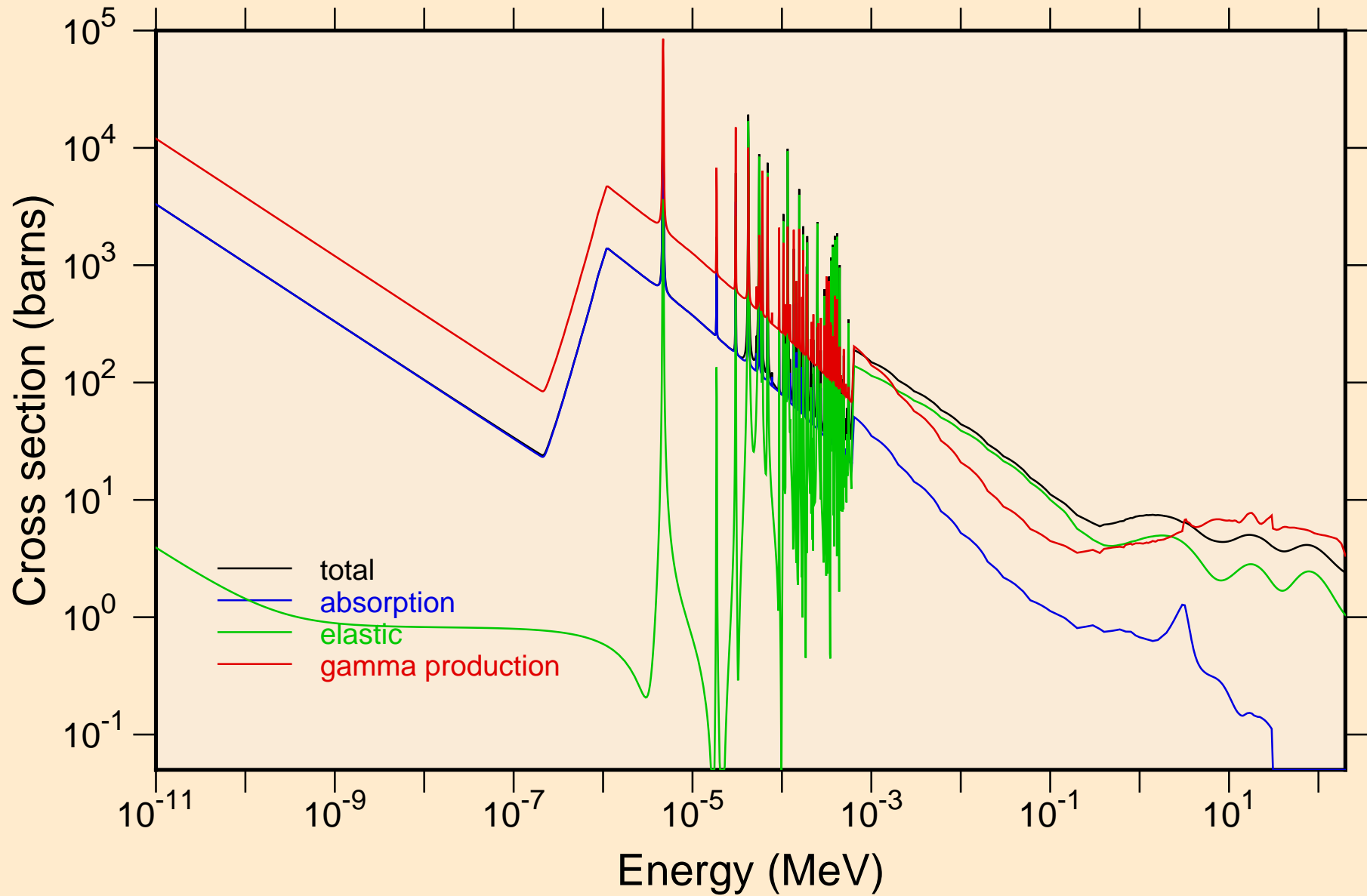
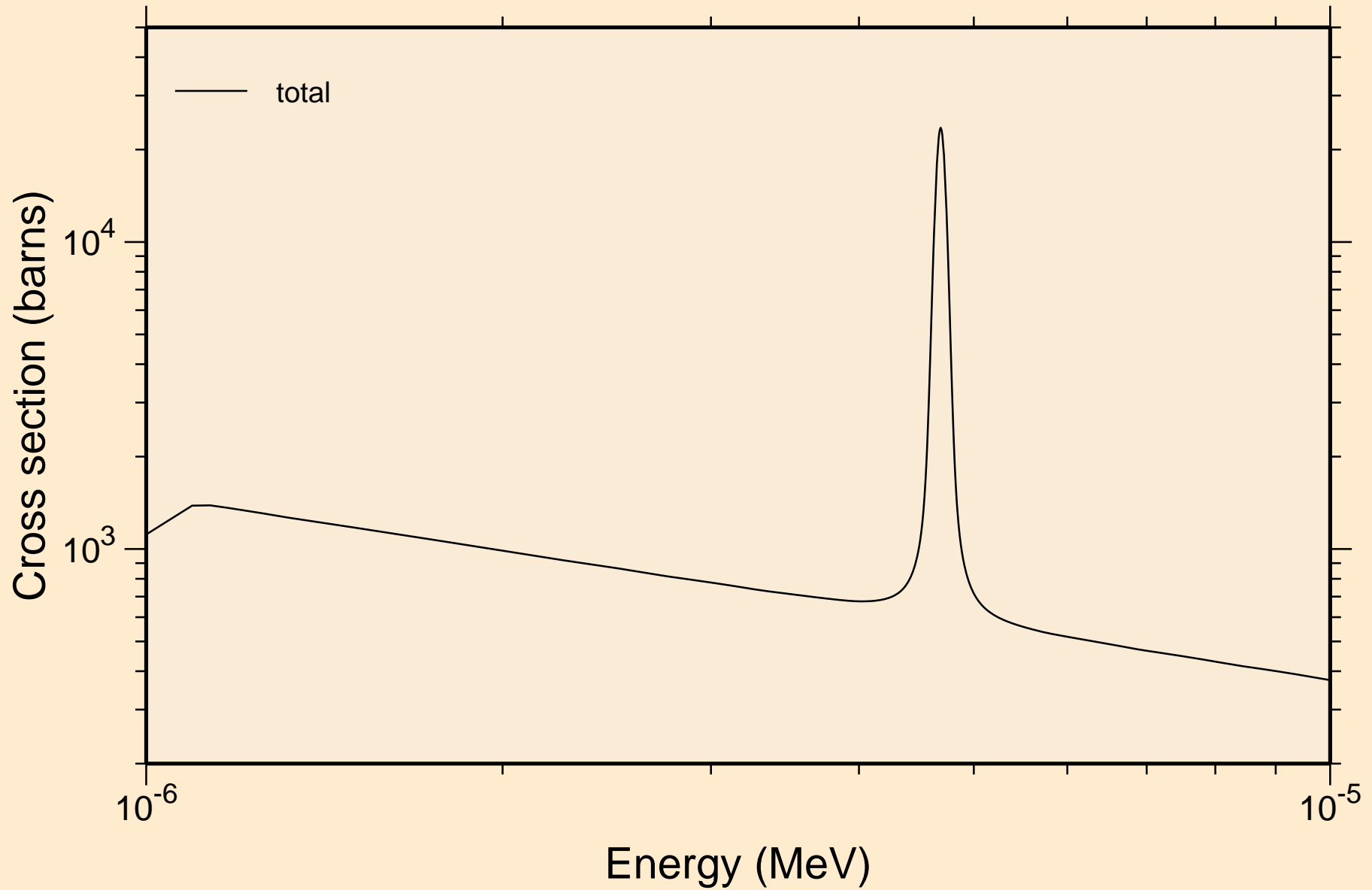


# HO151M NRG TENDL-2015, AKONING

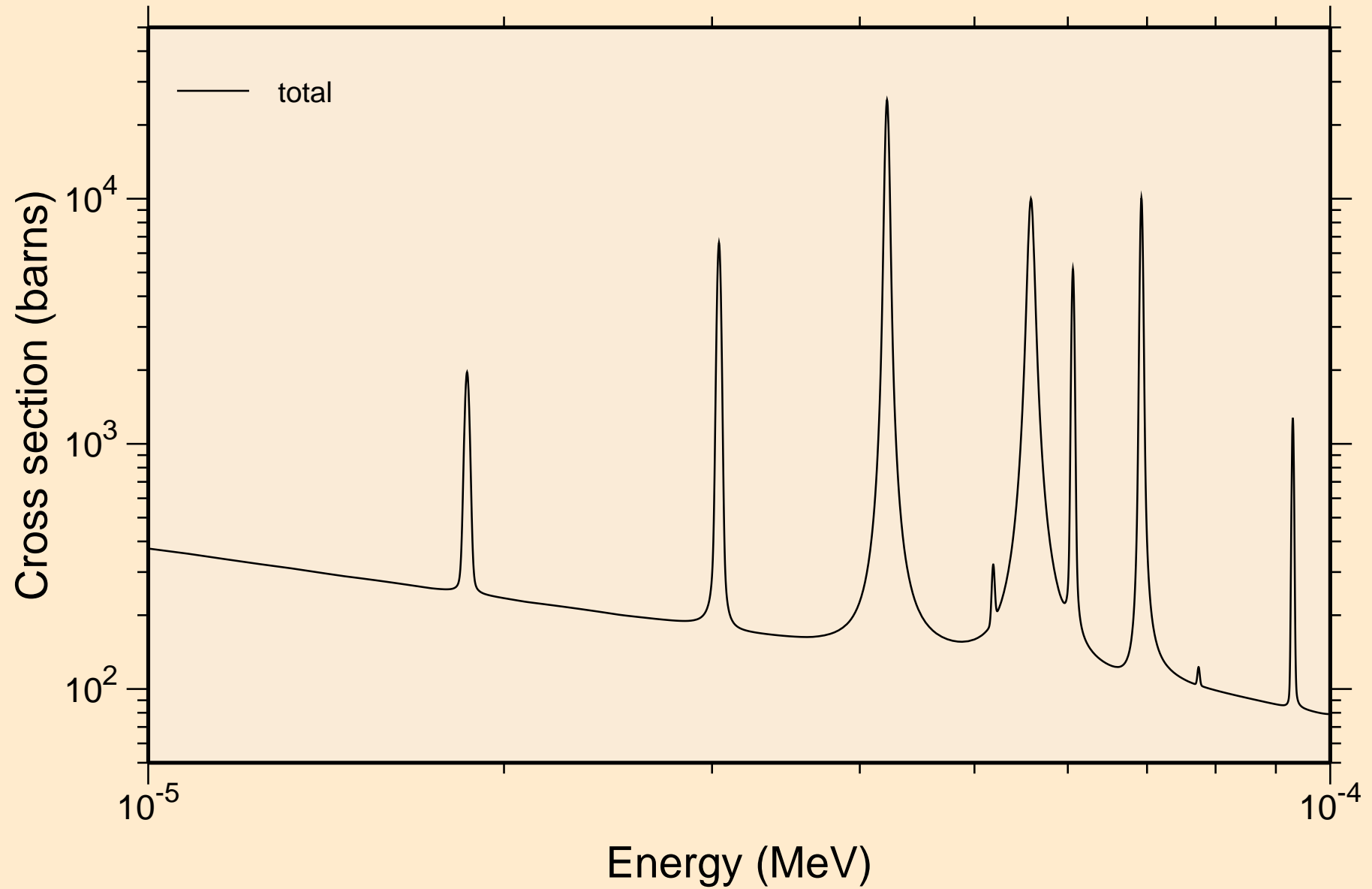
## Principal cross sections



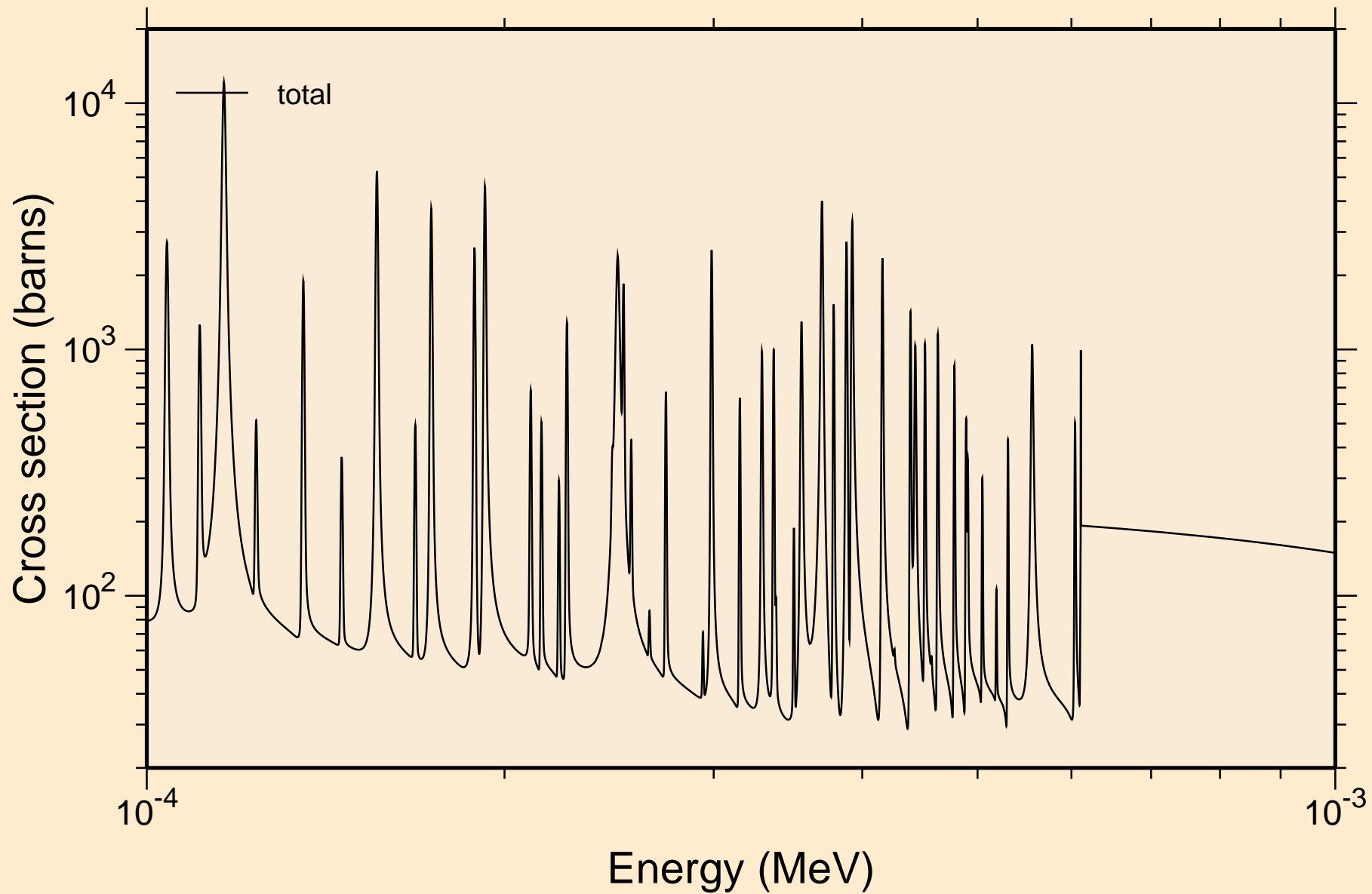
HO151M NRG TENDL-2015, AKONING  
resonance total cross section



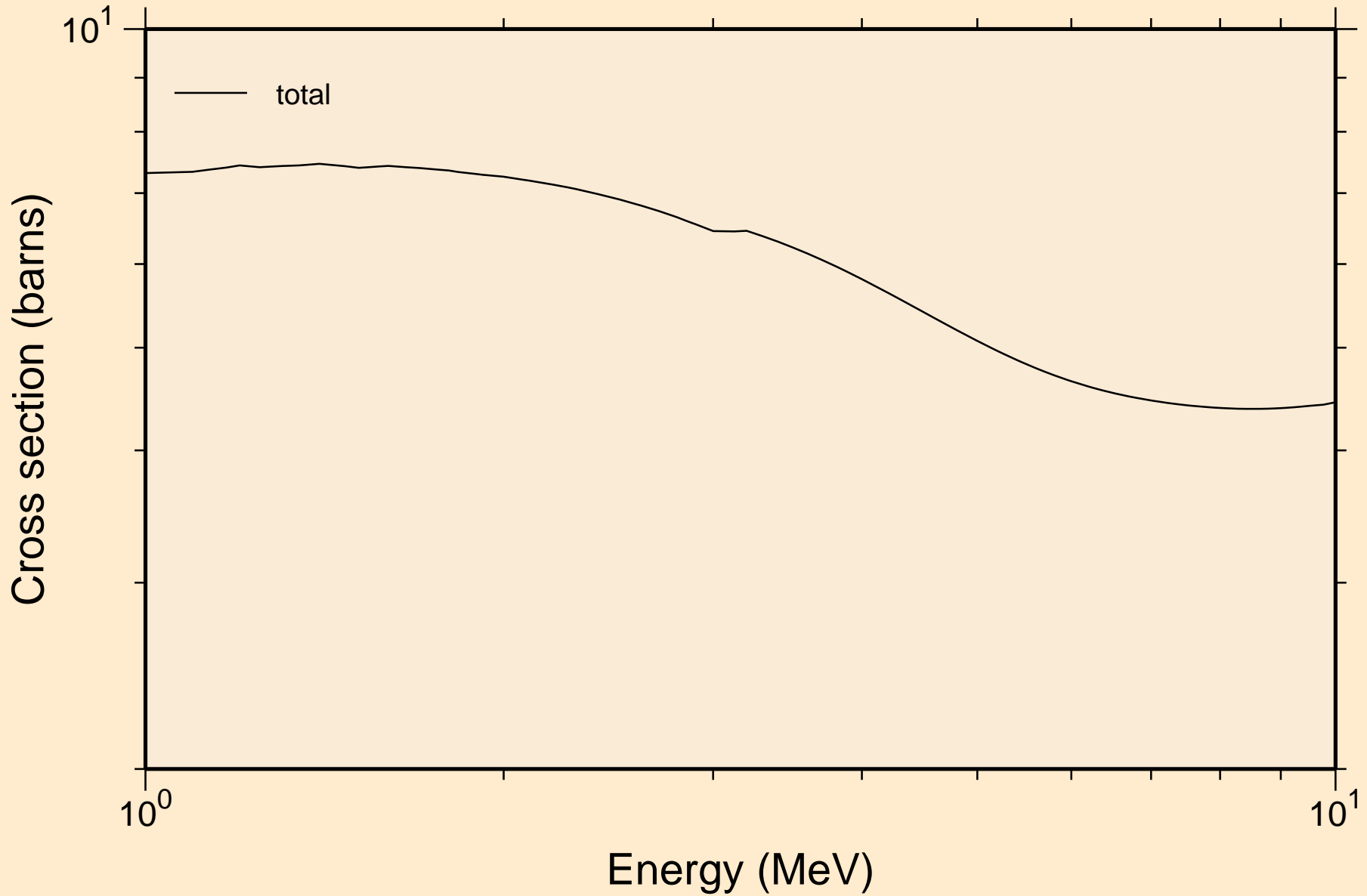
HO151M NRG TENDL-2015, AKONING  
resonance total cross section



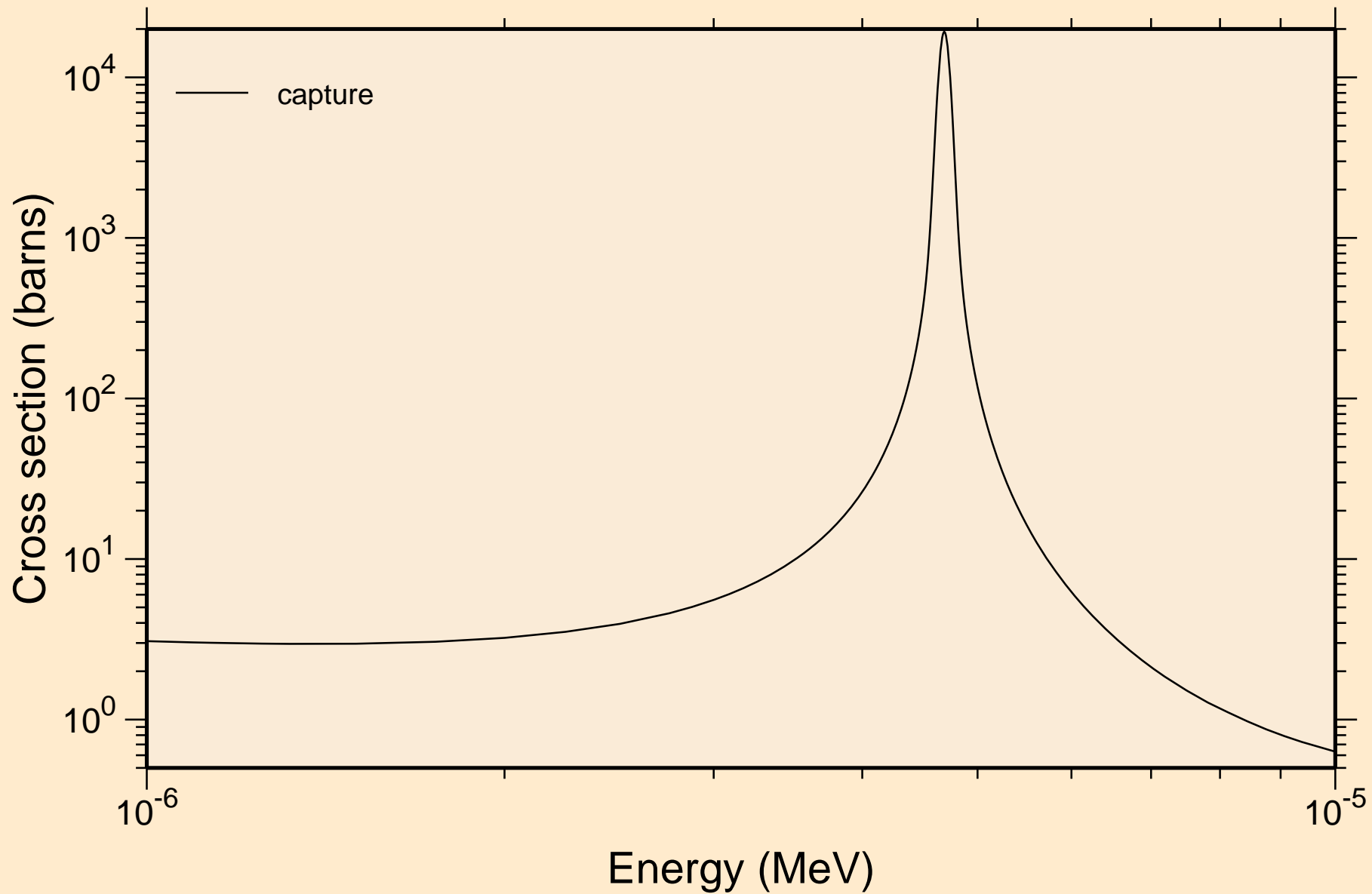
HO151M NRG TENDL-2015, AKONING  
resonance total cross section



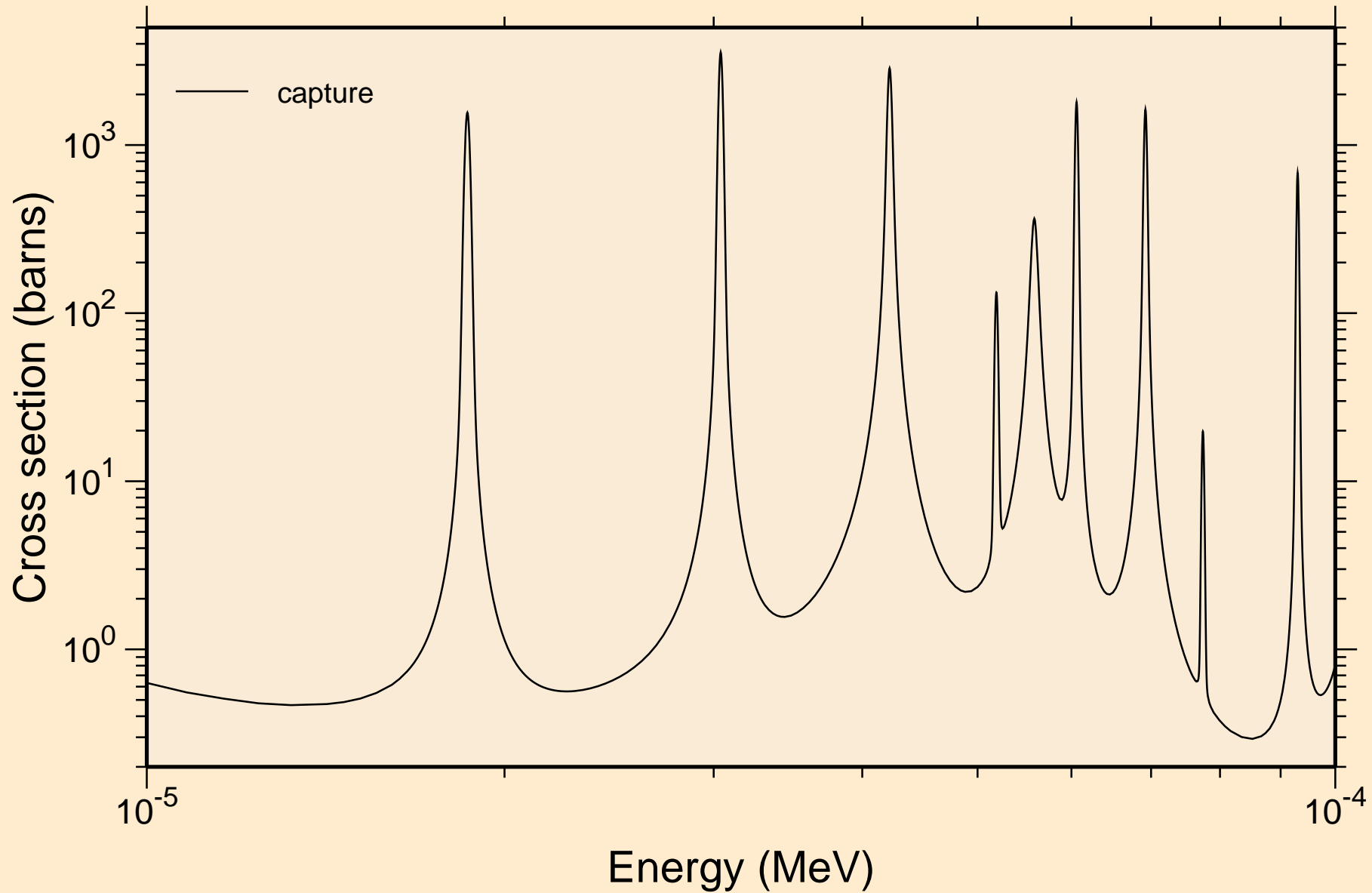
HO151M NRG TENDL-2015, AKONING  
resonance total cross section



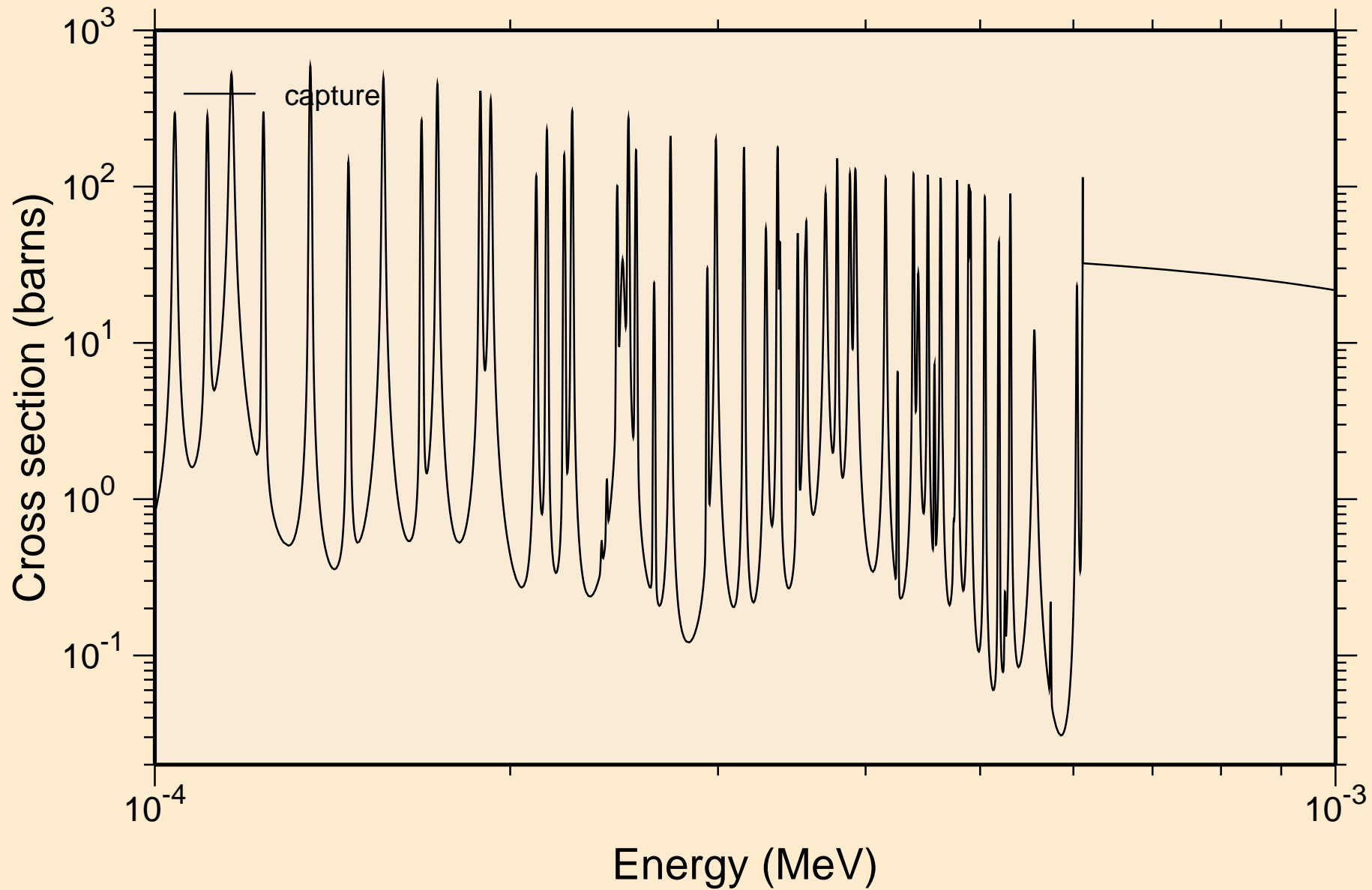
HO151M NRG TENDL-2015, AKONING  
resonance absorption cross sections



# HO151M NRG TENDL-2015, AKONING resonance absorption cross sections

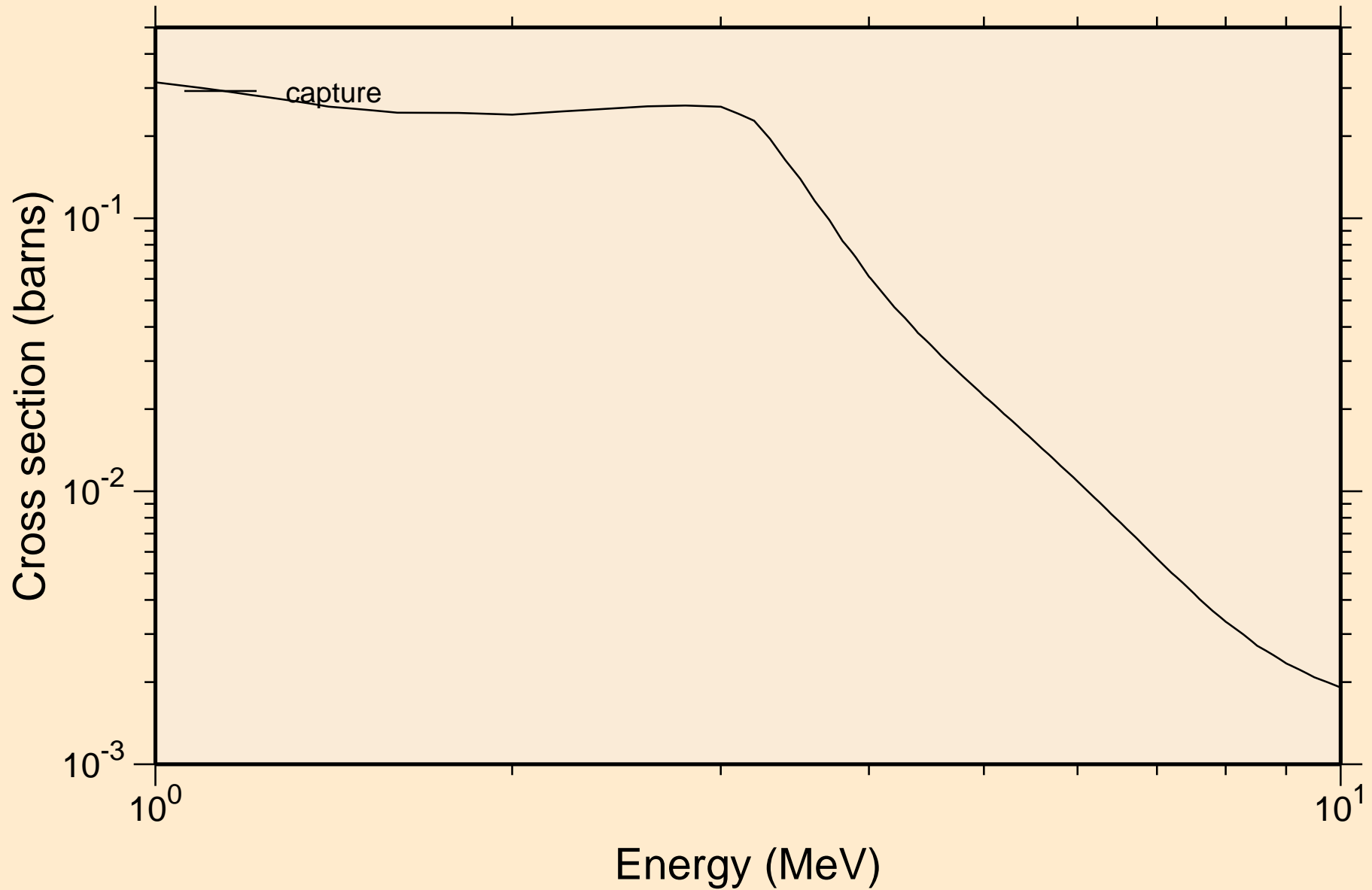


HO151M NRG TENDL-2015, AKONING  
resonance absorption cross sections



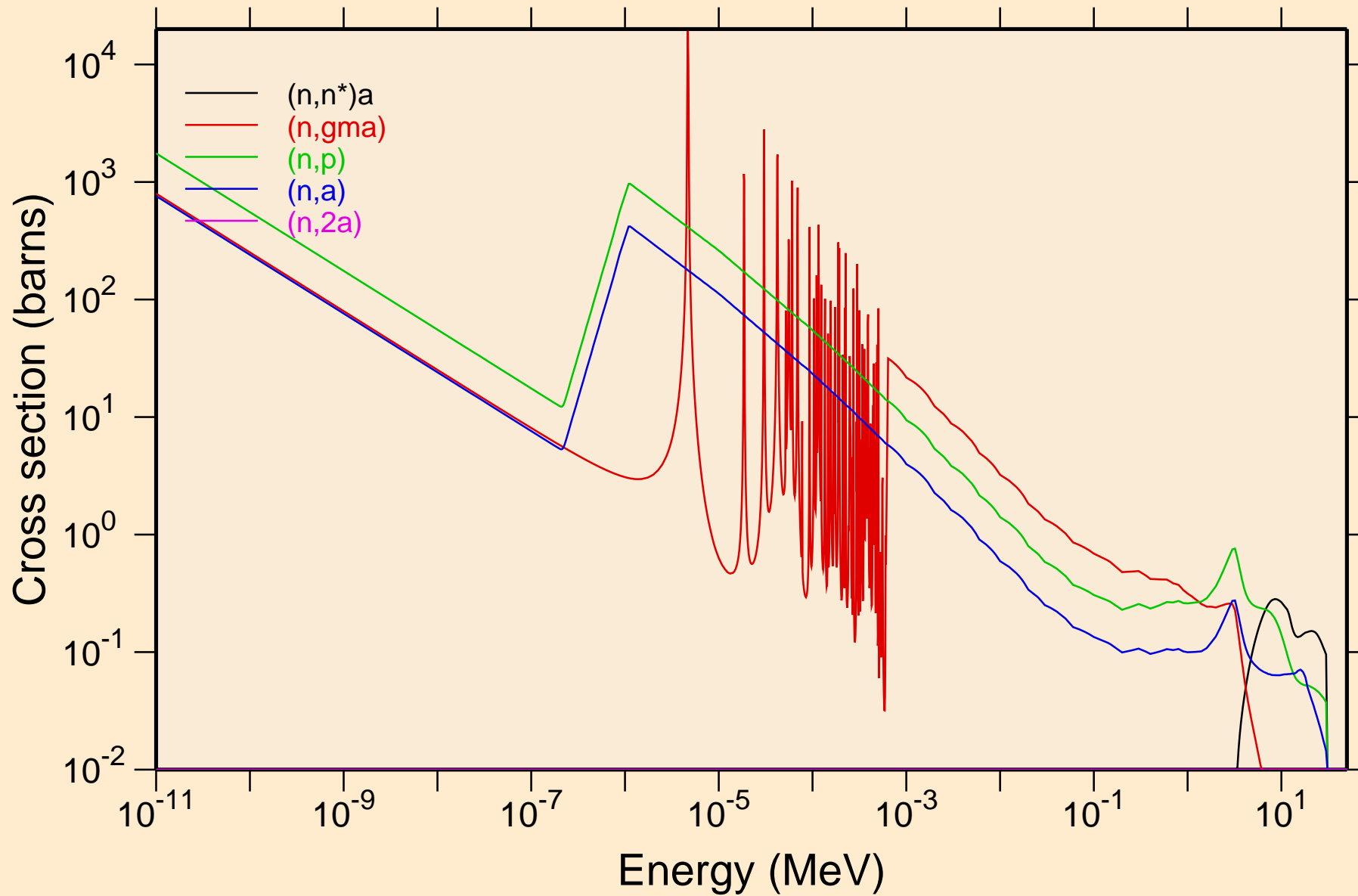


HO151M NRG TENDL-2015, AKONING  
resonance absorption cross sections

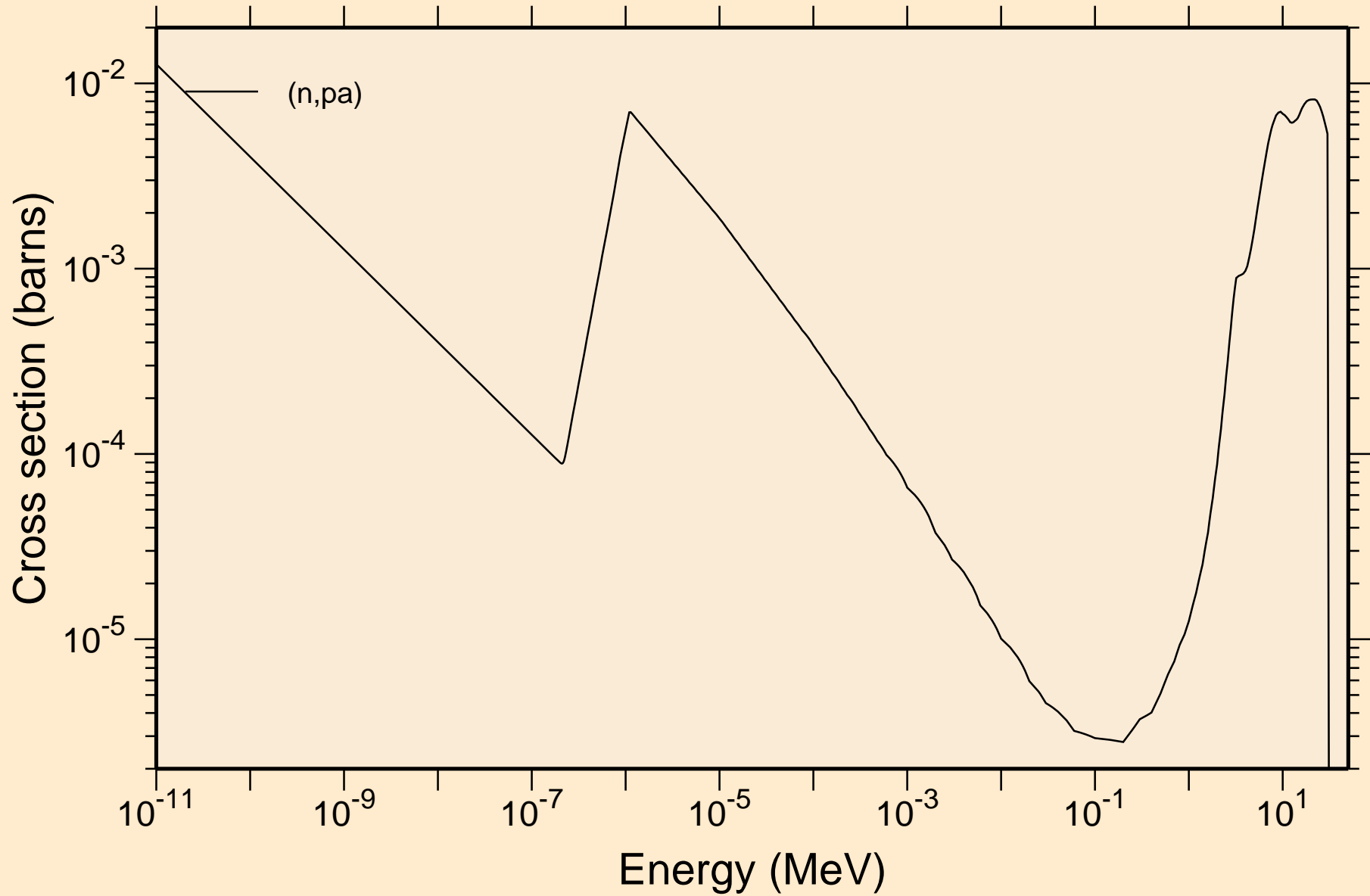


# HO151M NRG TENDL-2015, AKONING

## Non-threshold reactions

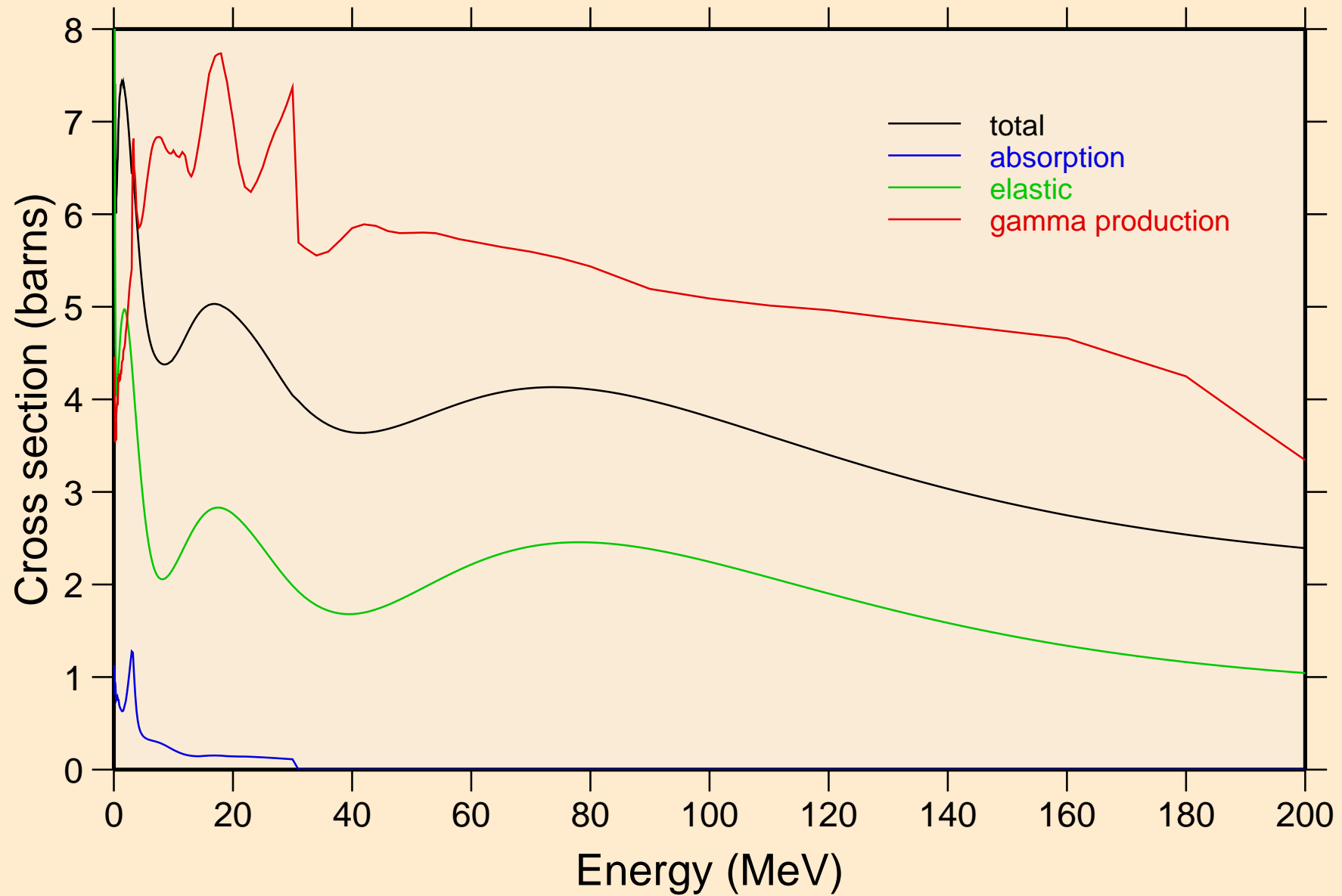


HO151M NRG TENDL-2015, AKONING  
Non-threshold reactions



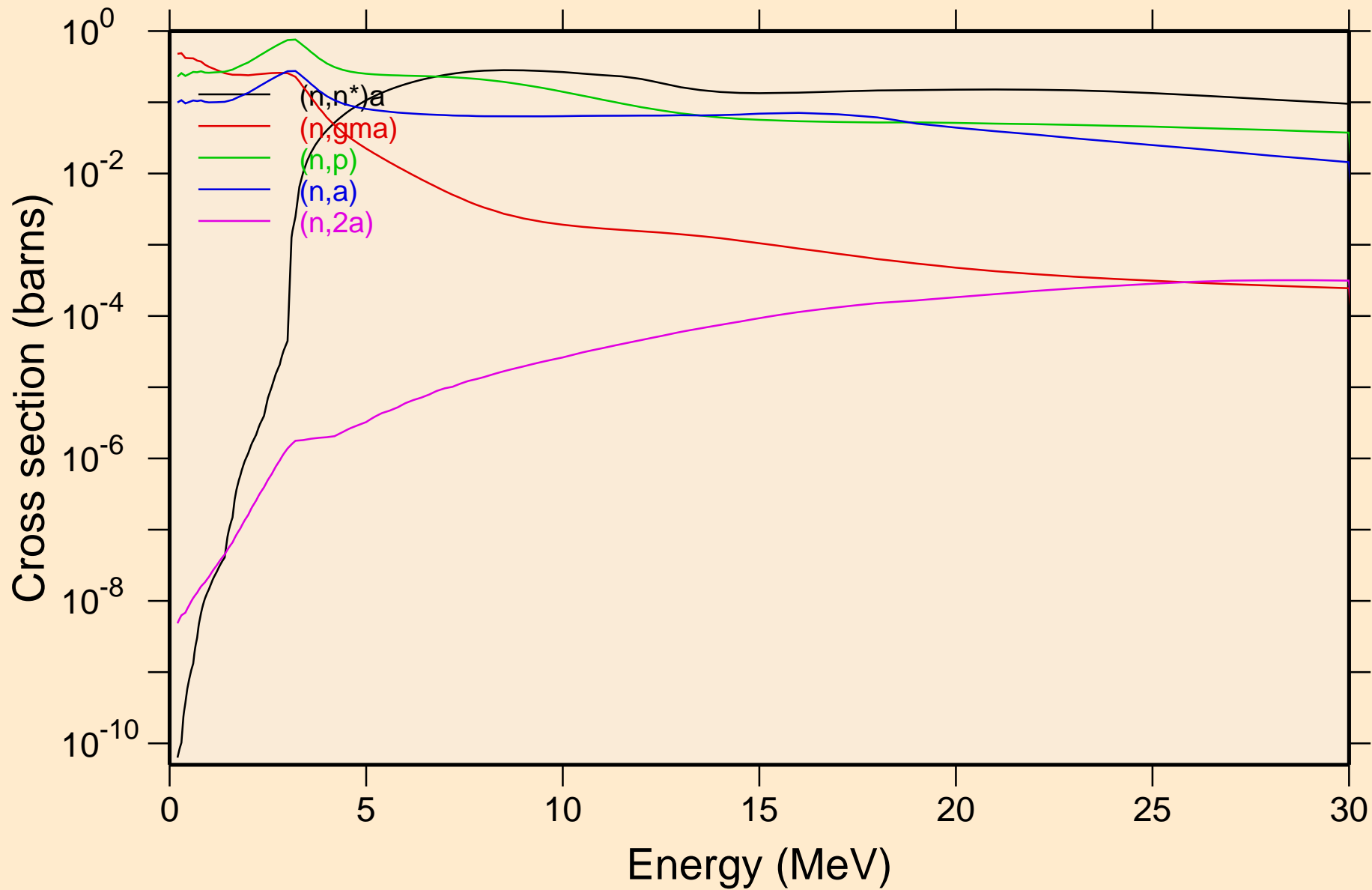
# HO151M NRG TENDL-2015, AKONING

## Principal cross sections

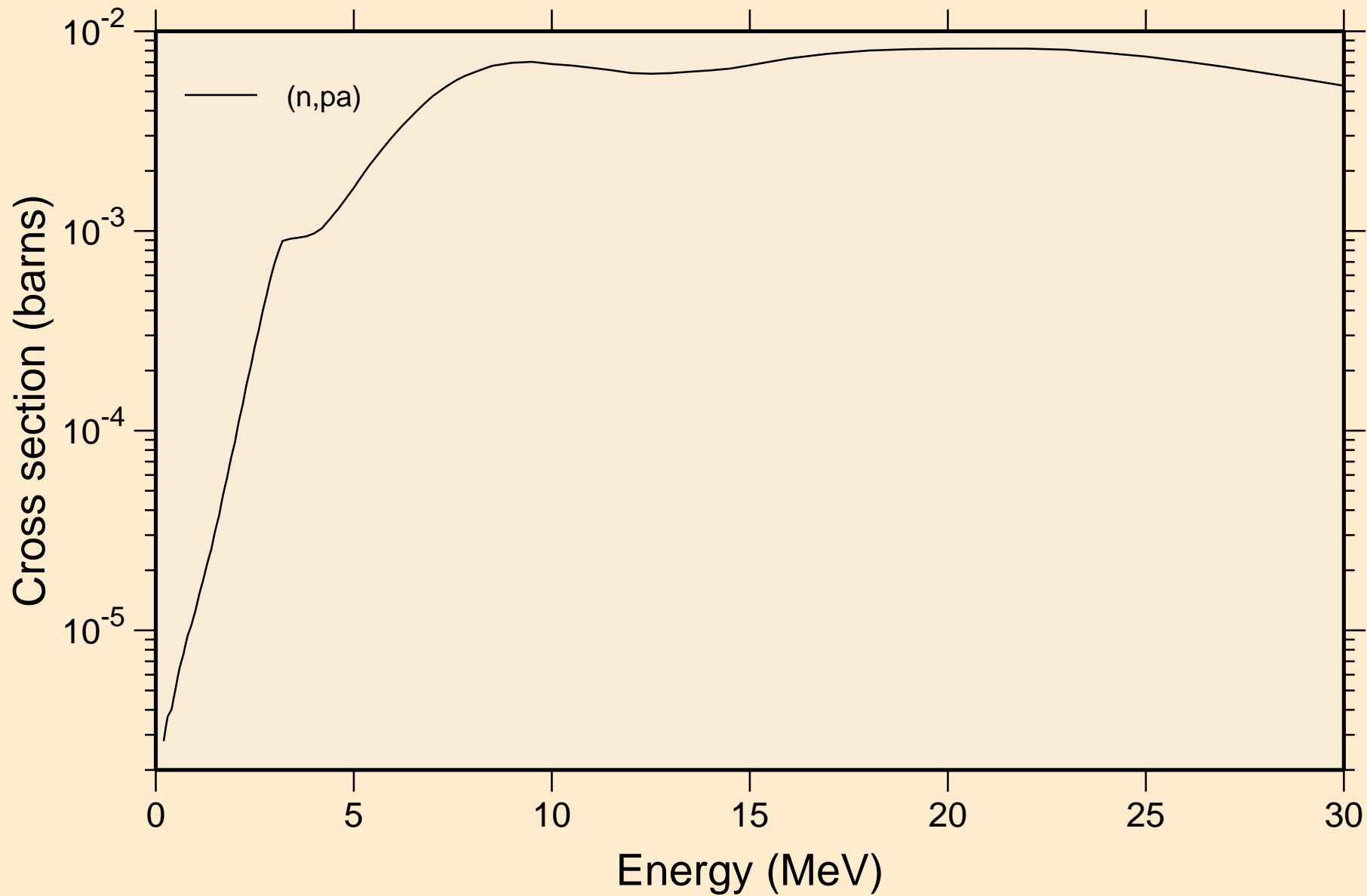


# HO151M NRG TENDL-2015, AKONING

## Non-threshold reactions

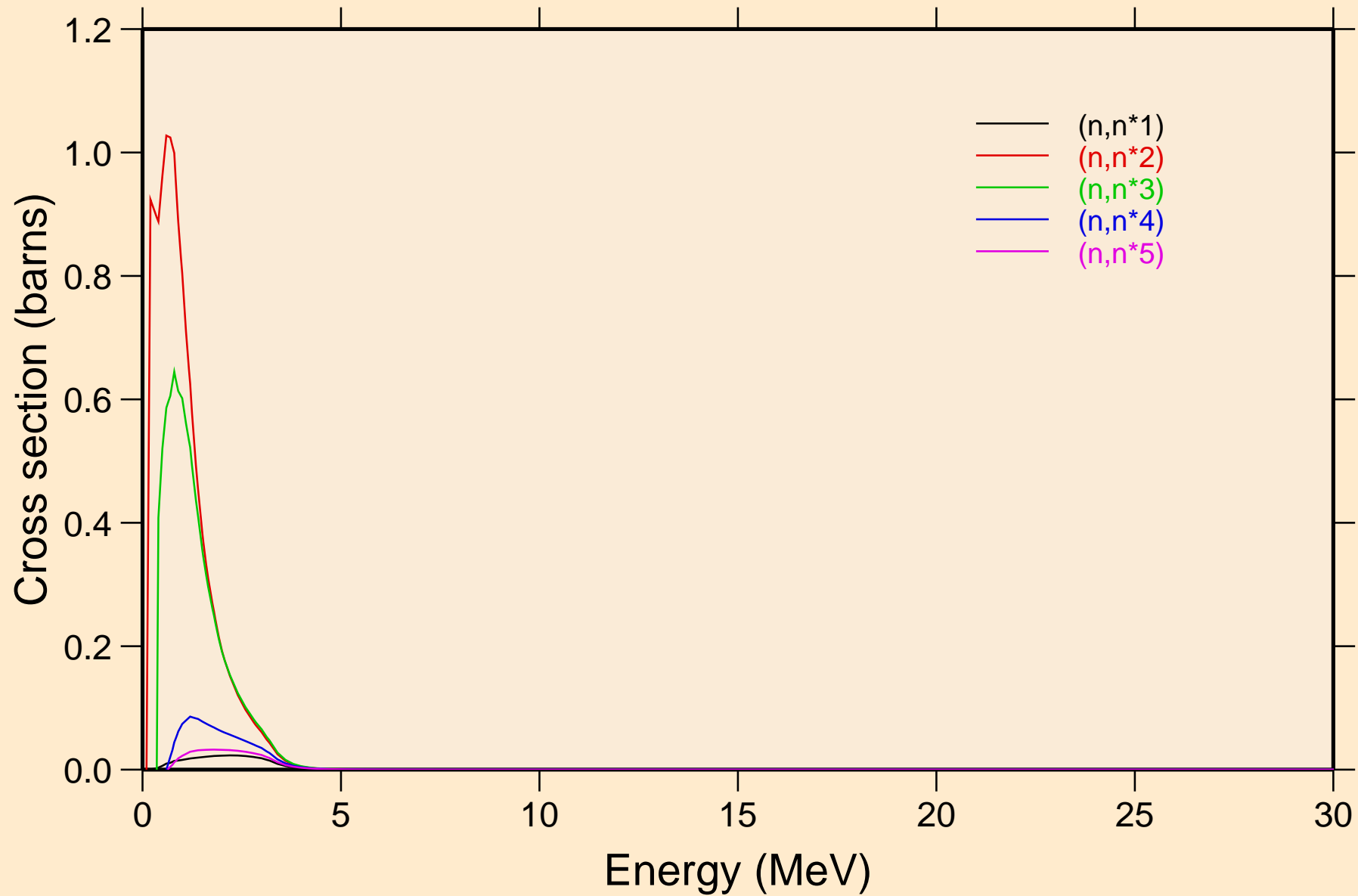


HO151M NRG TENDL-2015, AKONING  
Non-threshold reactions



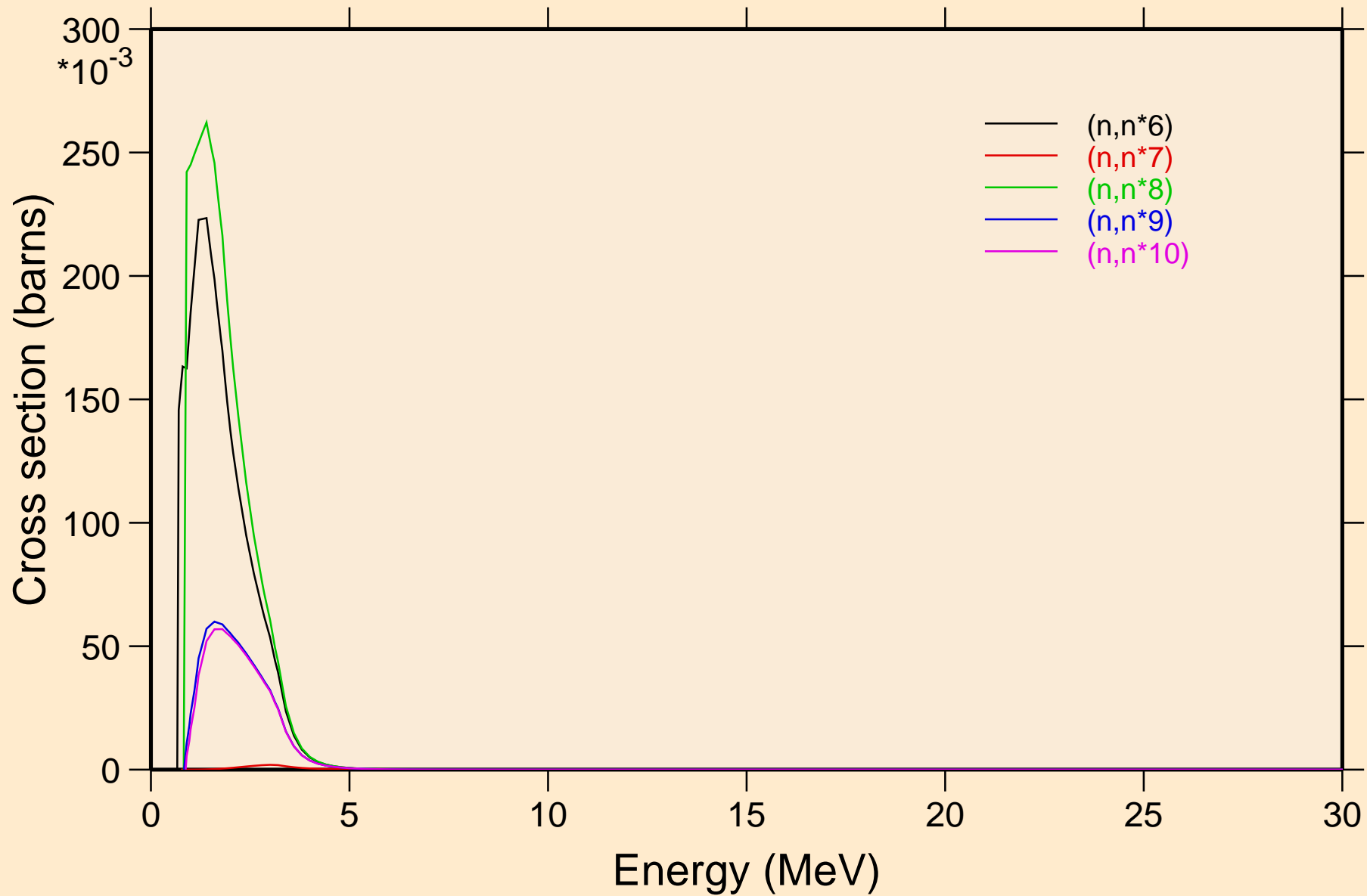
# HO151M NRG TENDL-2015, AKONING

## Inelastic levels



# HO151M NRG TENDL-2015, AKONING

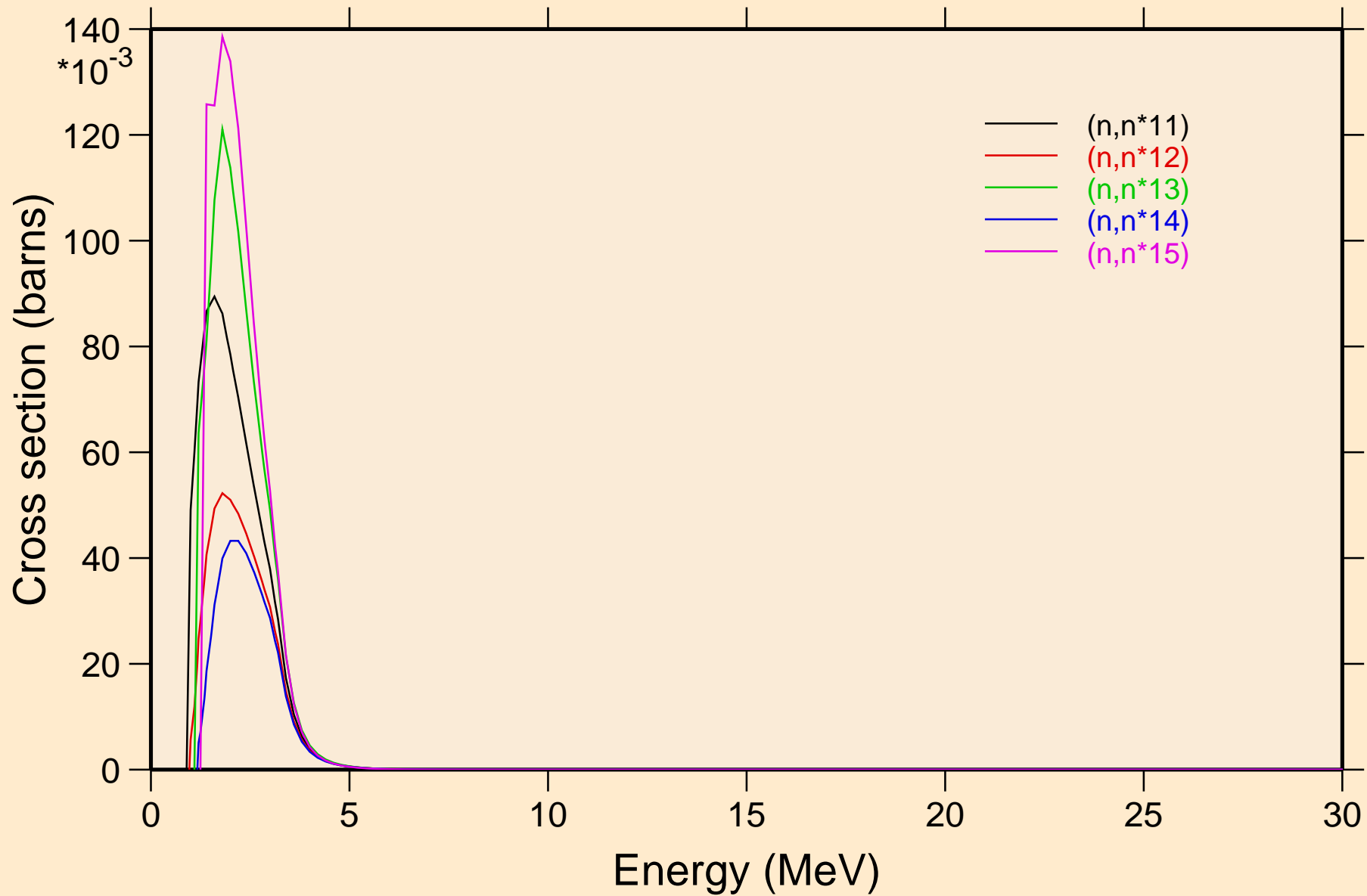
## Inelastic levels





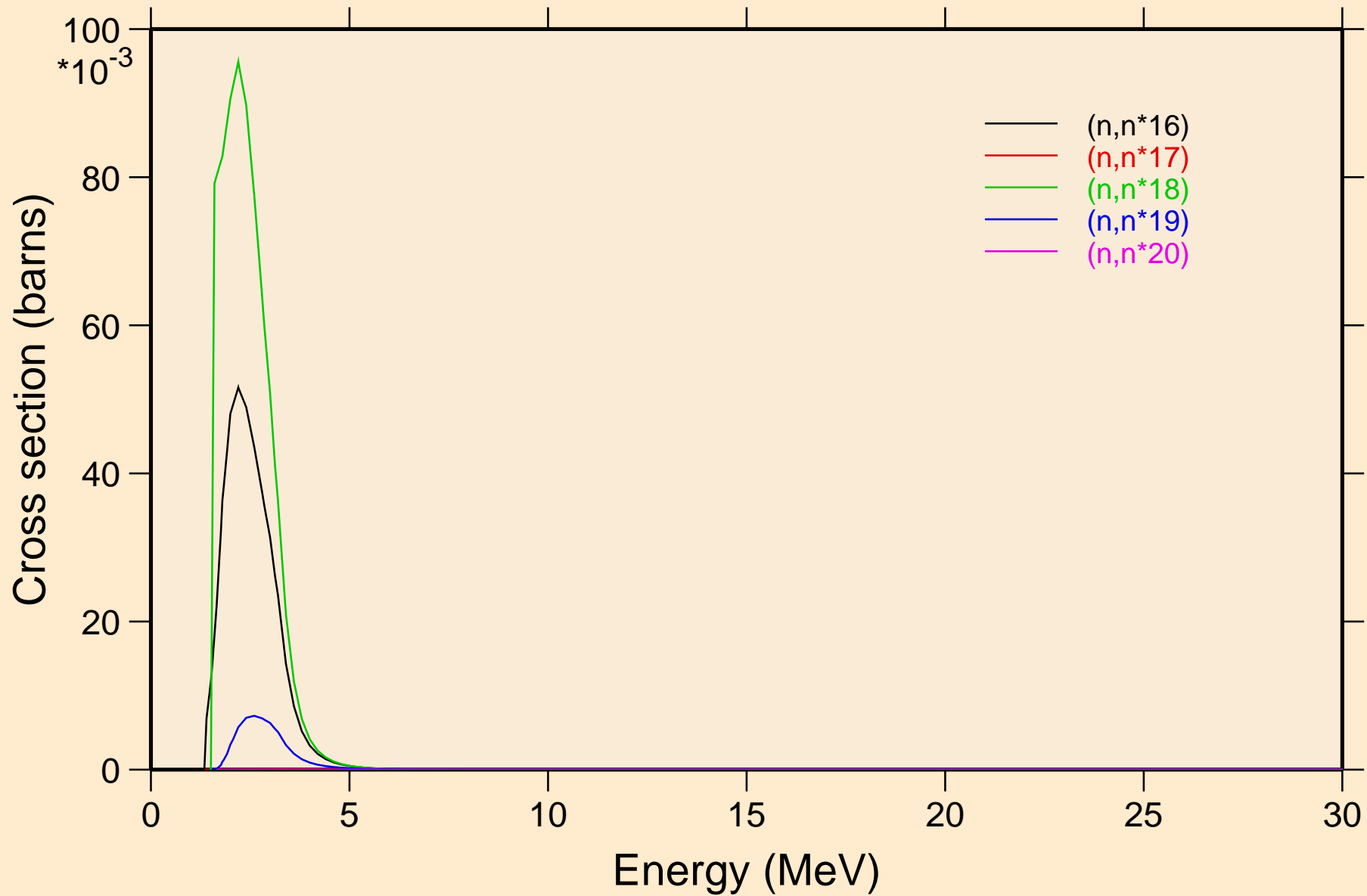
# HO151M NRG TENDL-2015, AKONING

## Inelastic levels



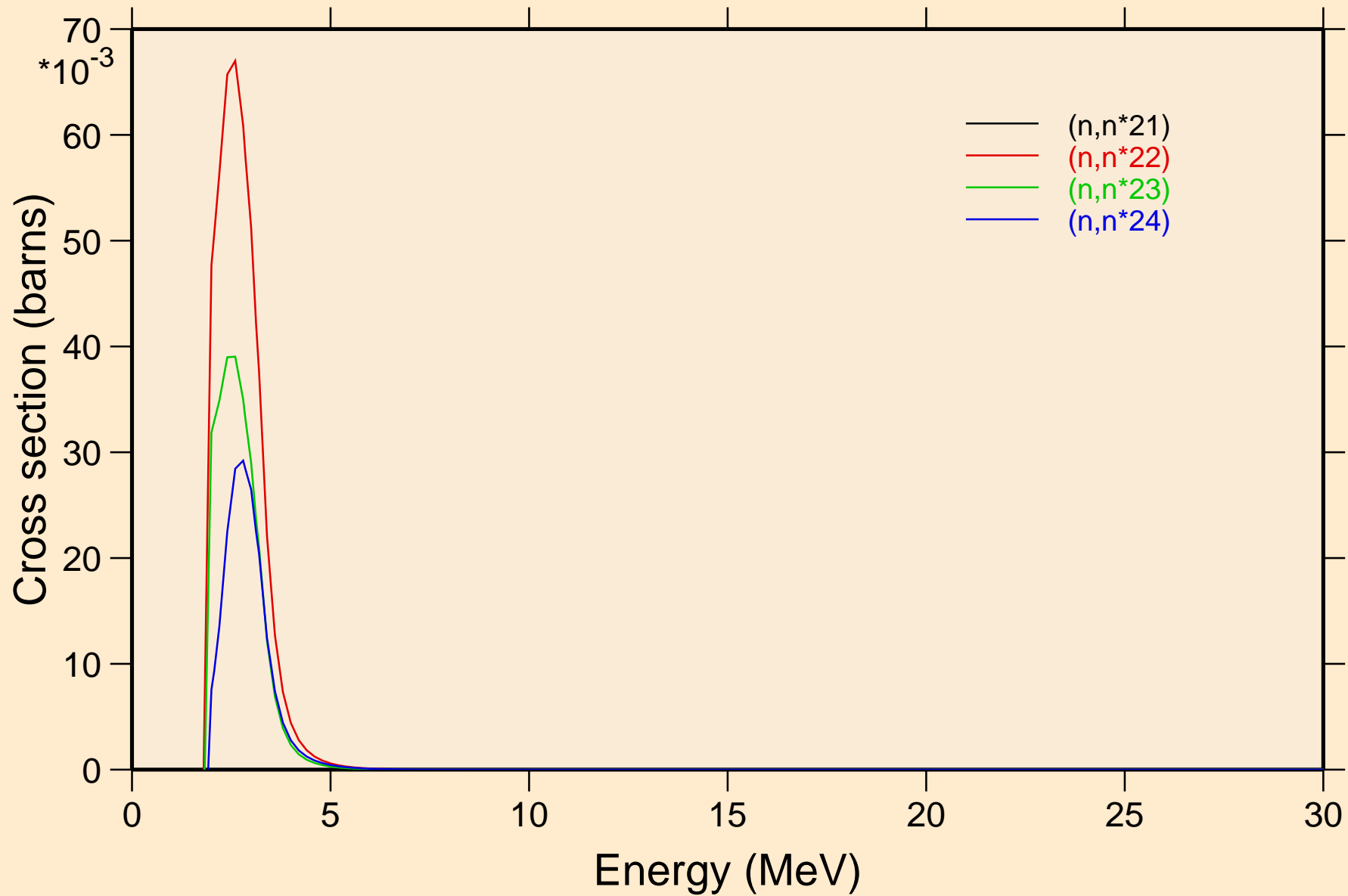
# HO151M NRG TENDL-2015, AKONING

## Inelastic levels



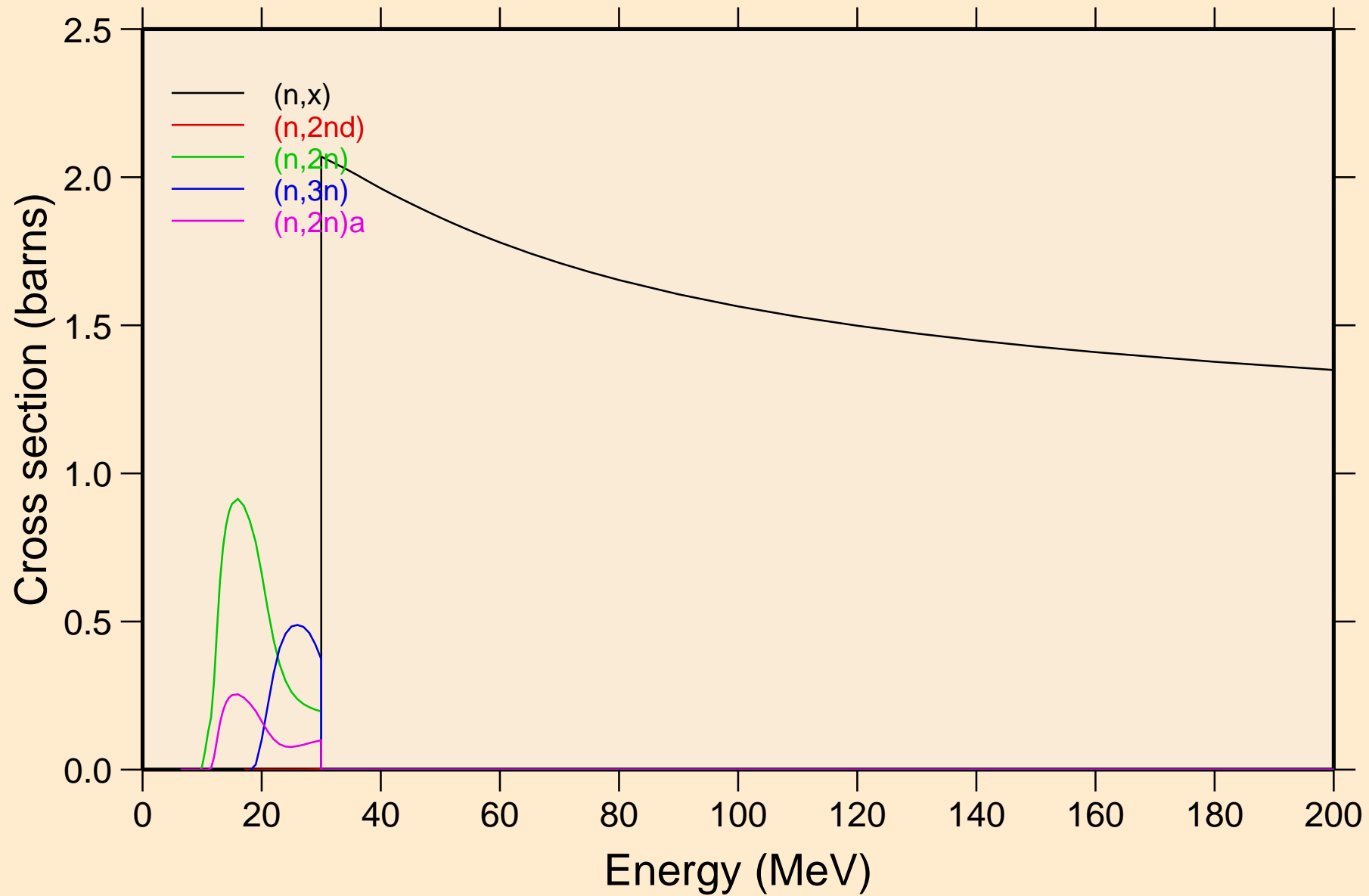
# HO151M NRG TENDL-2015, AKONING

## Inelastic levels



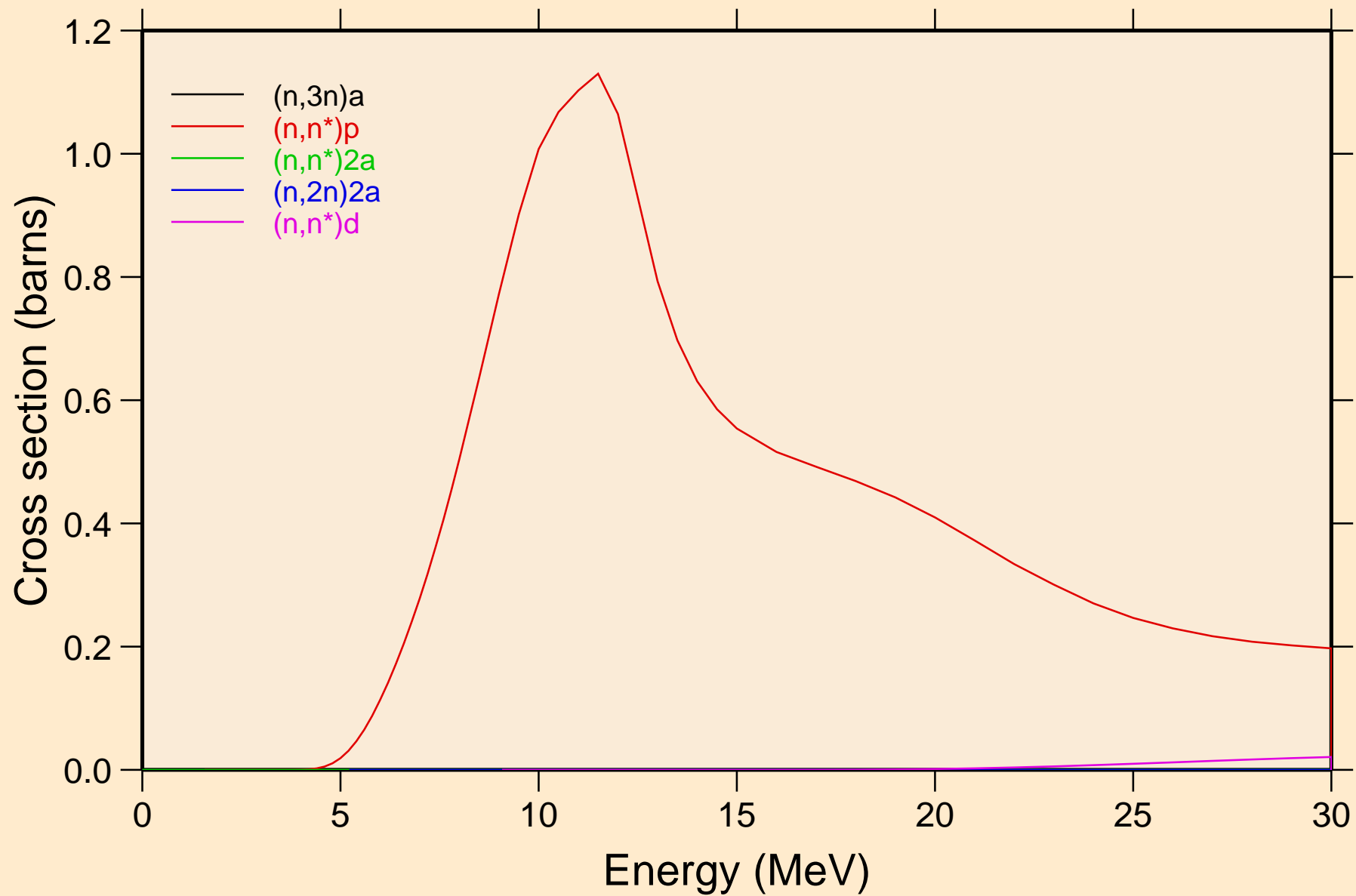
# HO151M NRG TENDL-2015, AKONING

## Threshold reactions



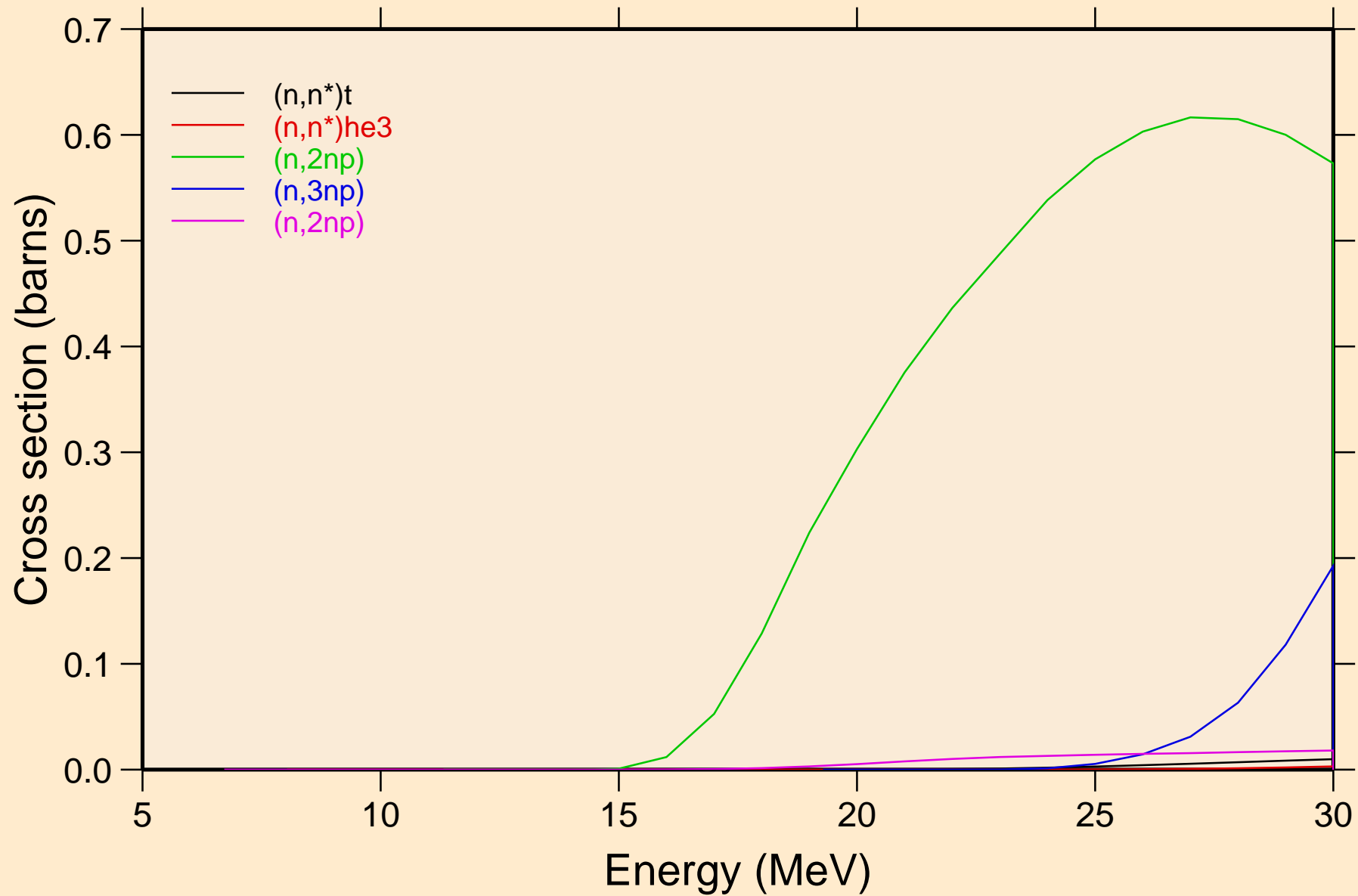
# HO151M NRG TENDL-2015, AKONING

## Threshold reactions



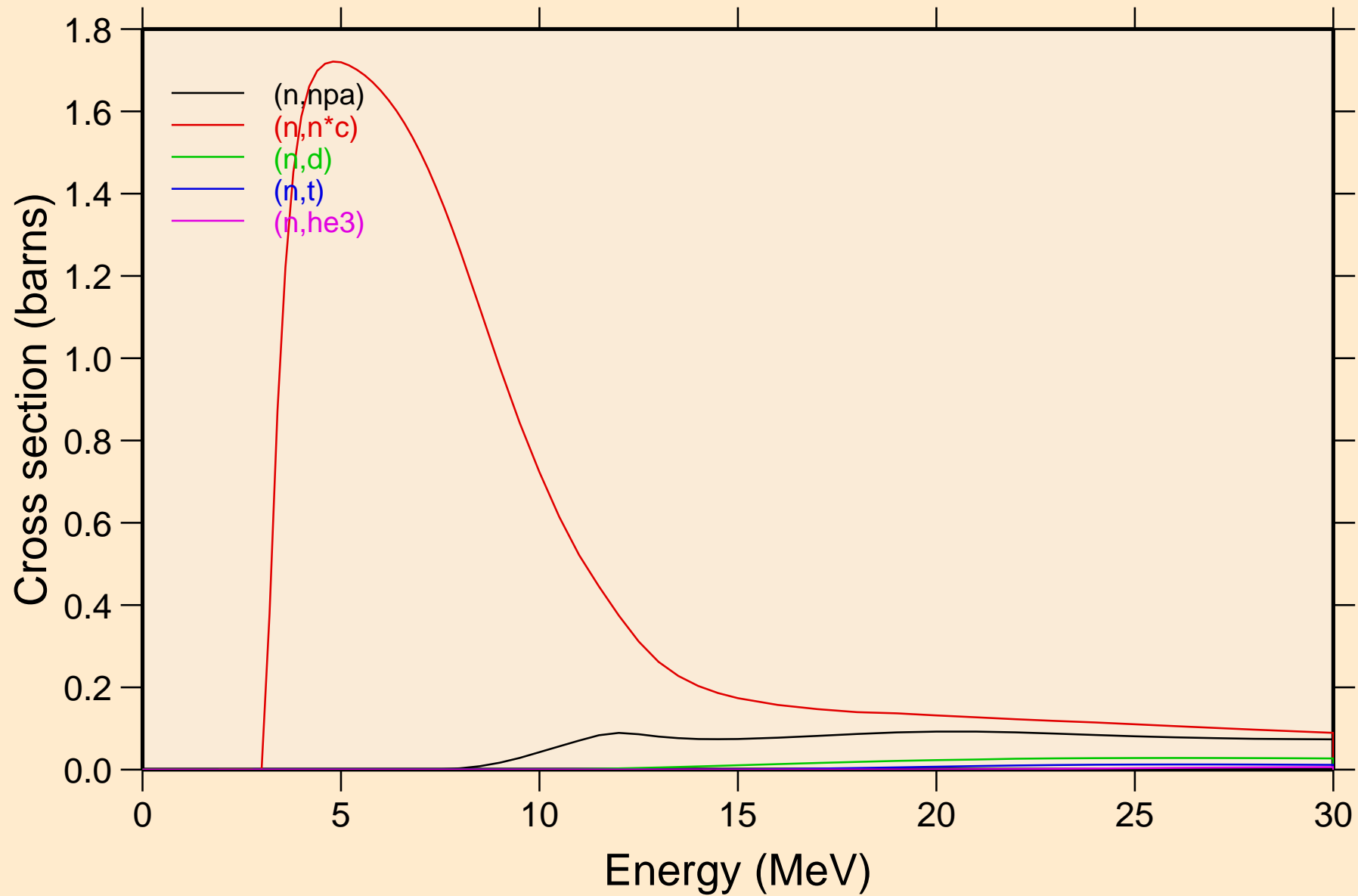
# HO151M NRG TENDL-2015, AKONING

## Threshold reactions



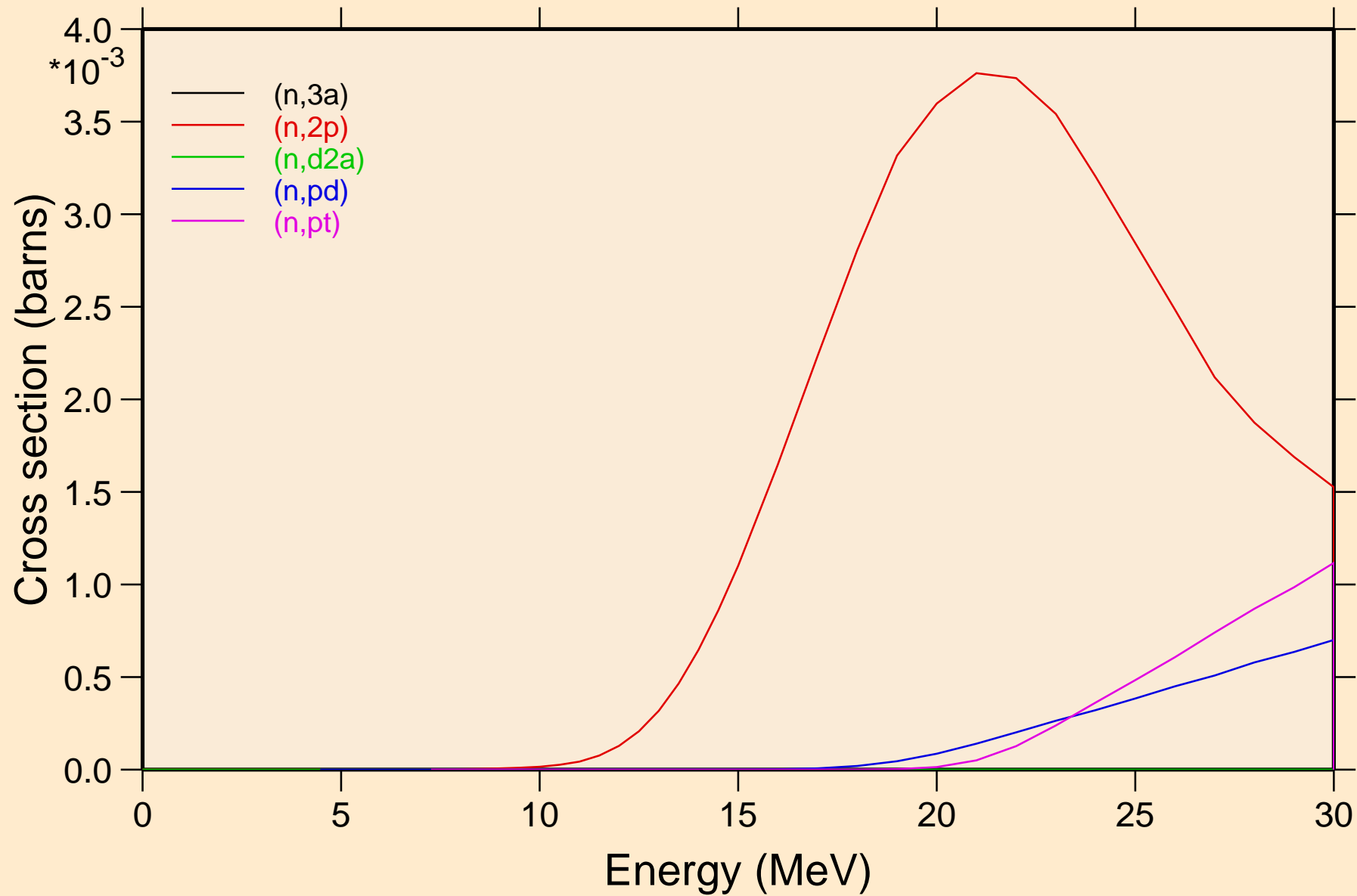
# HO151M NRG TENDL-2015, AKONING

## Threshold reactions



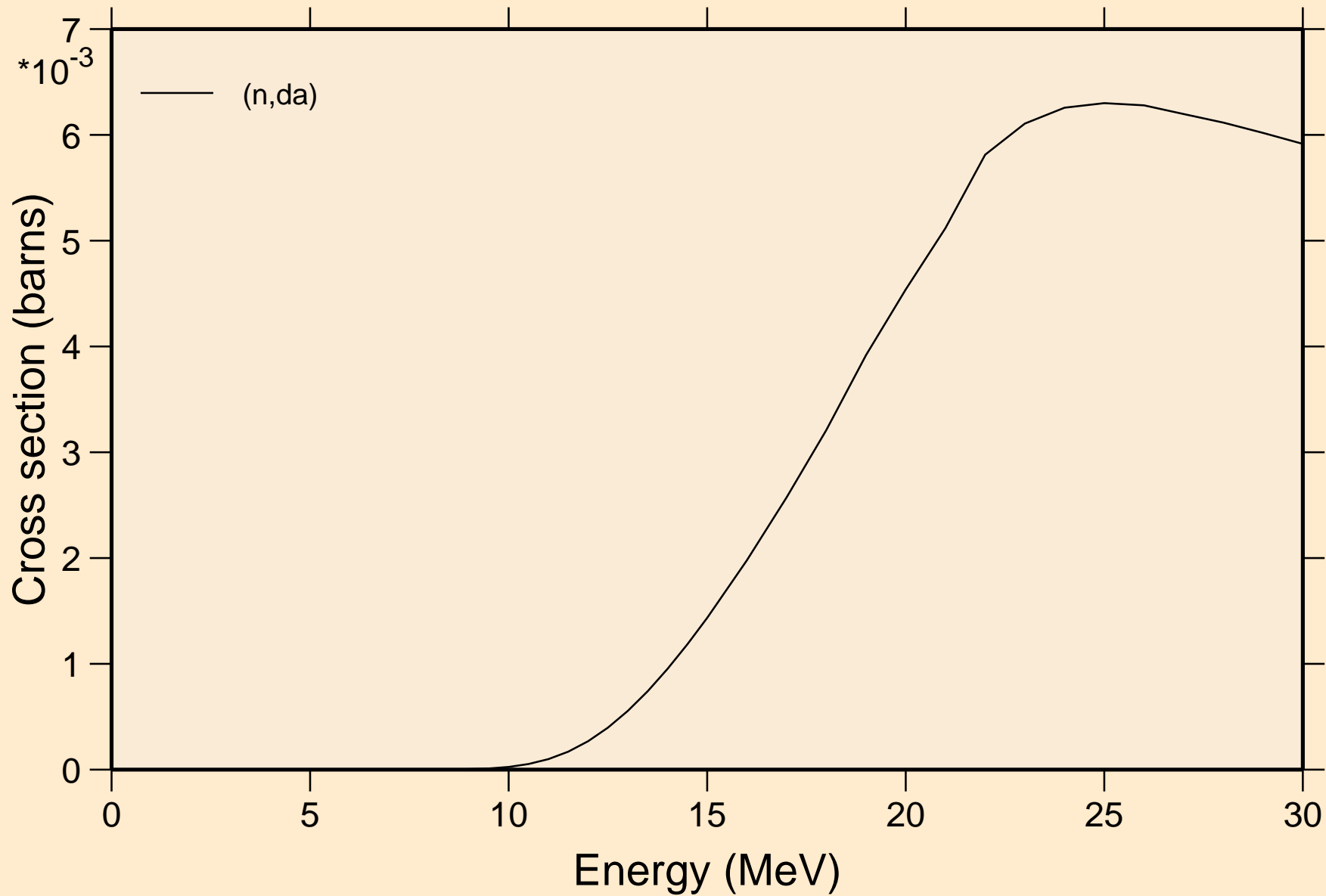
# HO151M NRG TENDL-2015, AKONING

## Threshold reactions

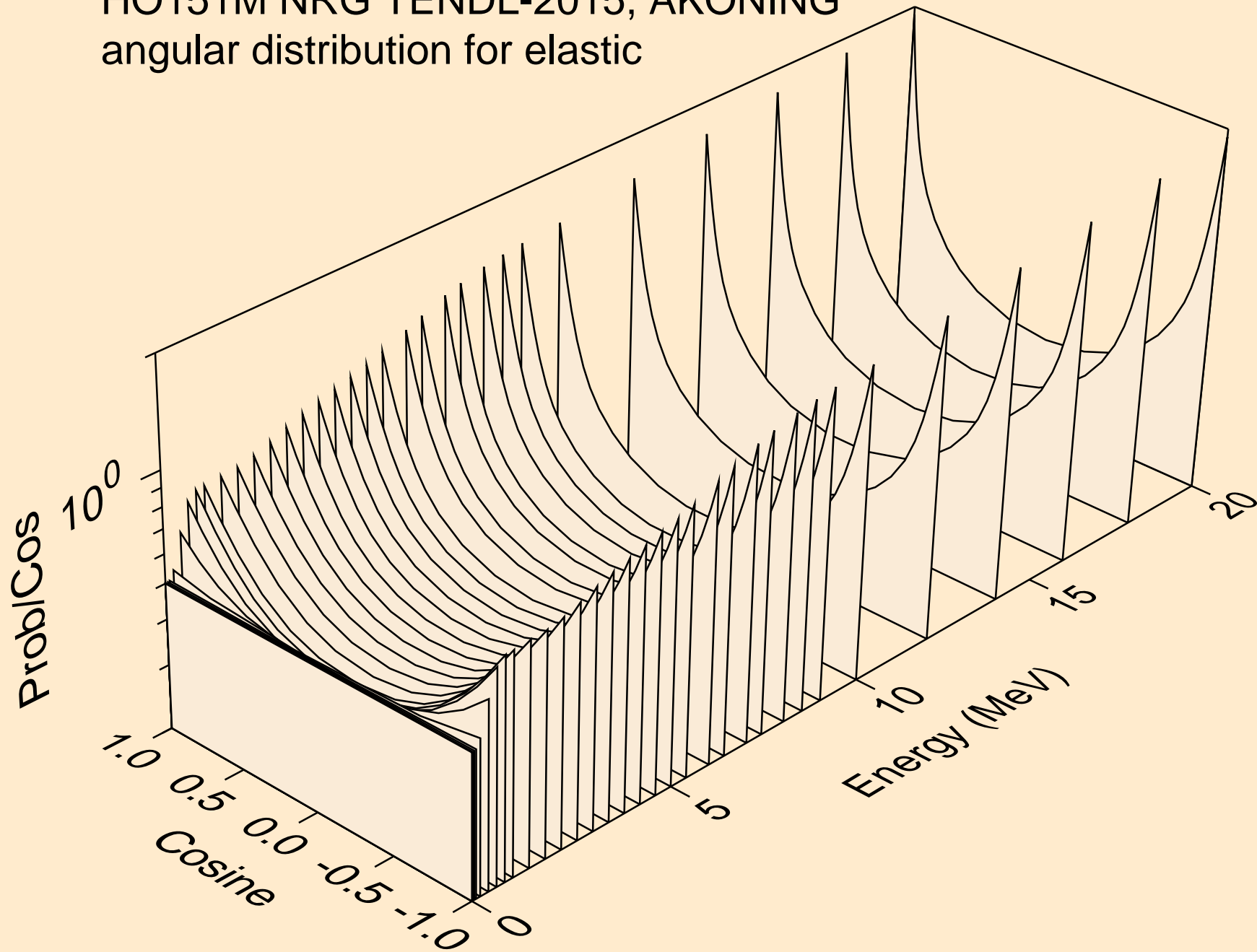




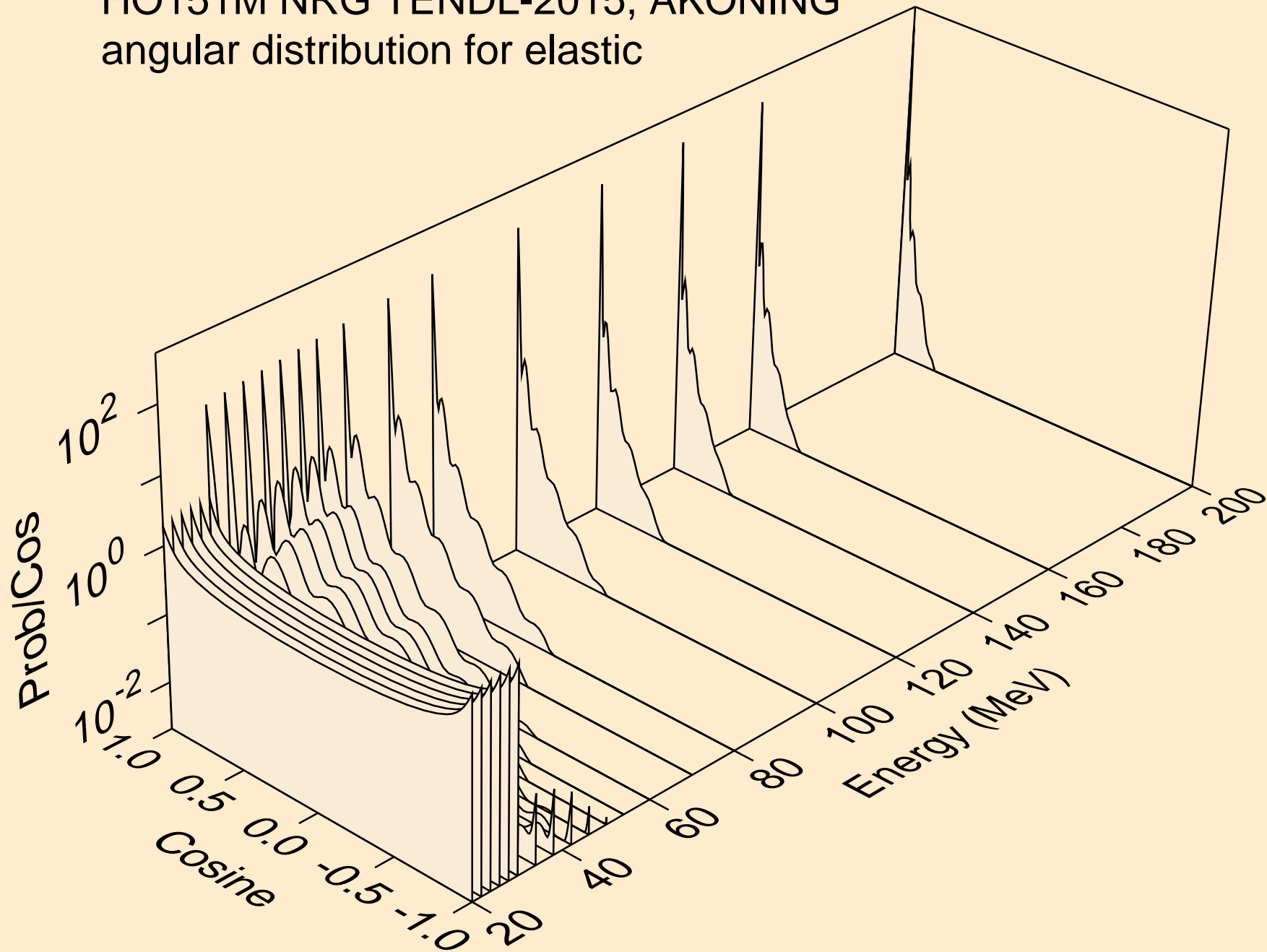
HO151M NRG TENDL-2015, AKONING  
Threshold reactions



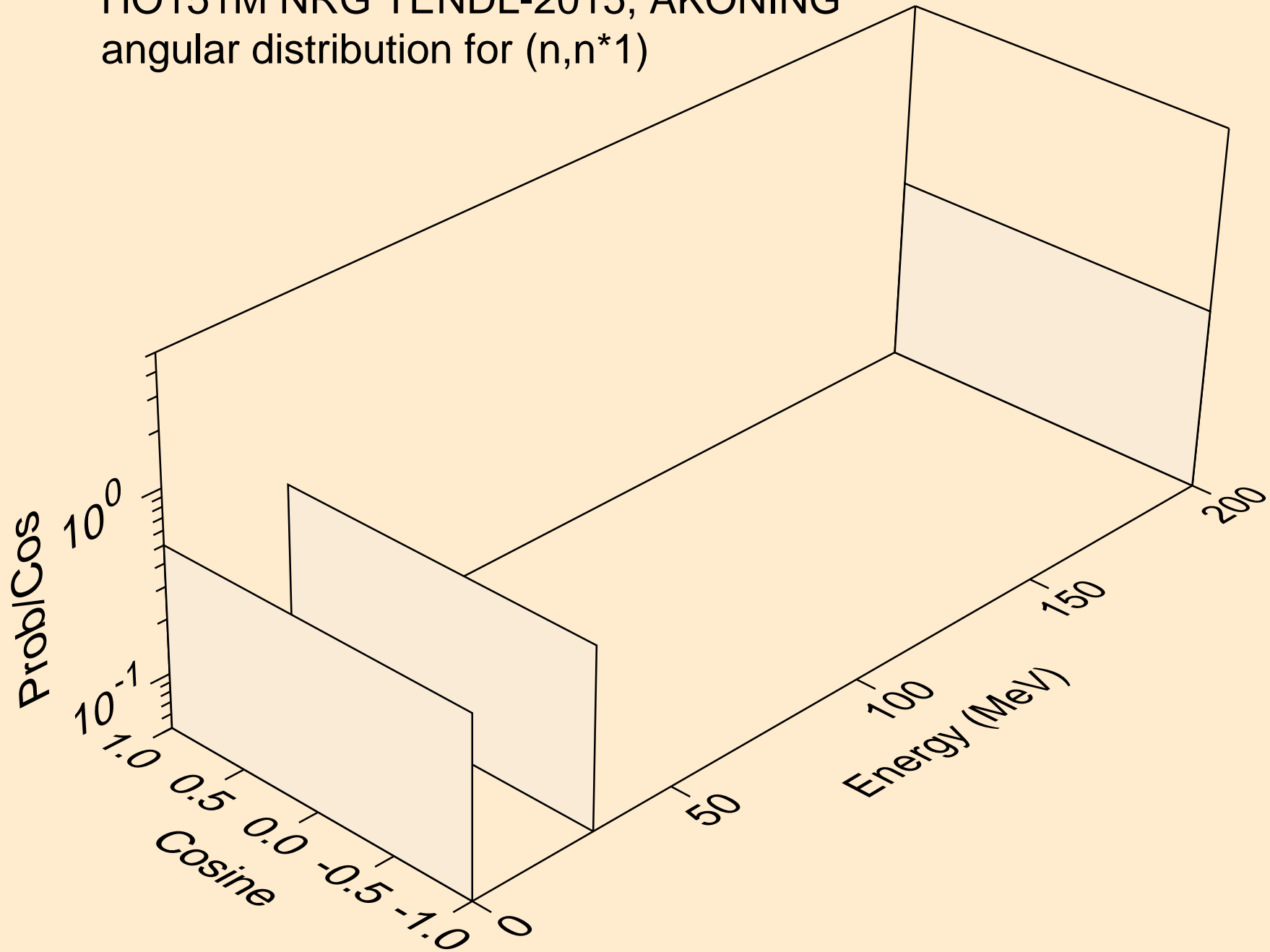
HO151M NRG TENDL-2015, AKONING  
angular distribution for elastic



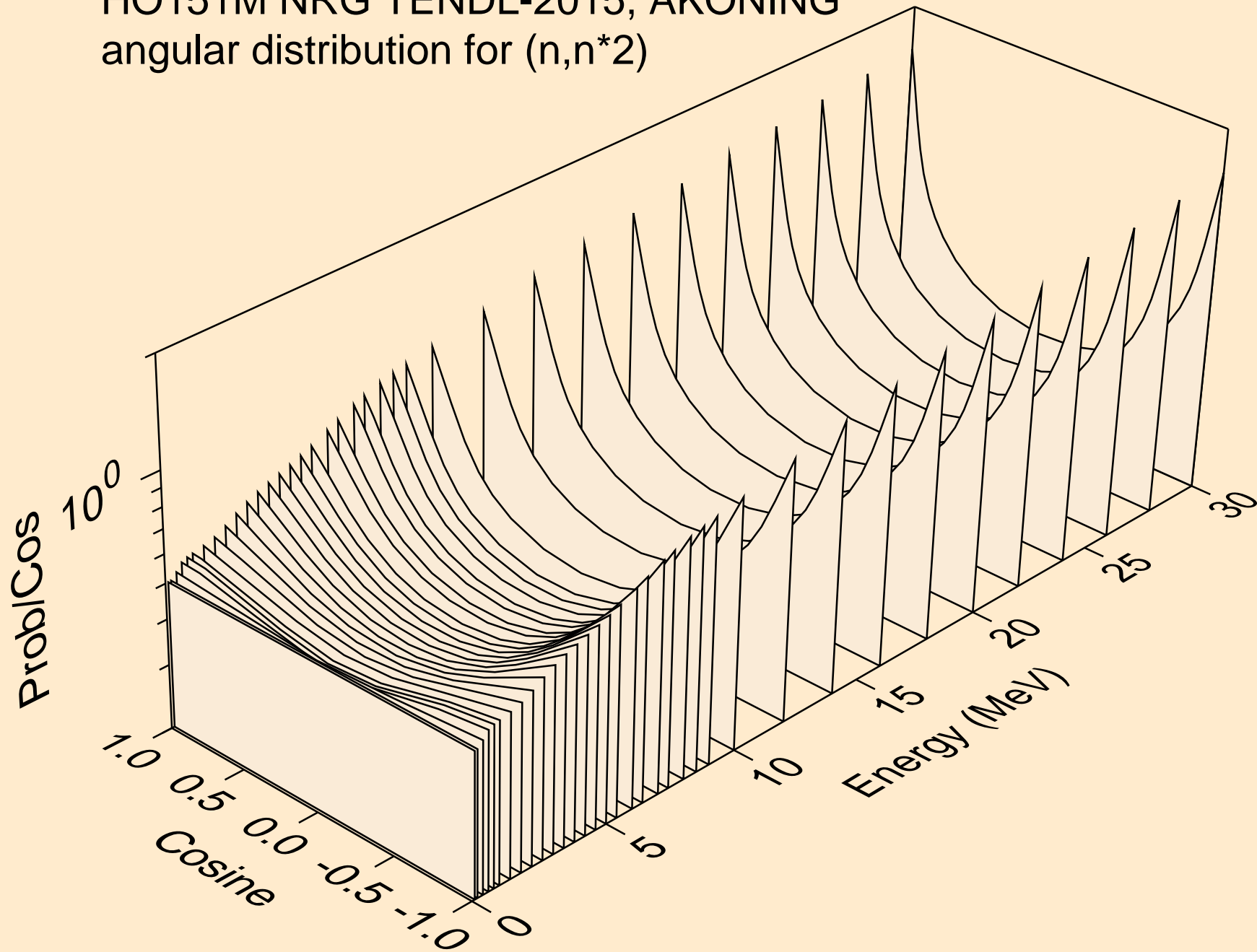
HO151M NRG TENDL-2015, AKONING  
angular distribution for elastic



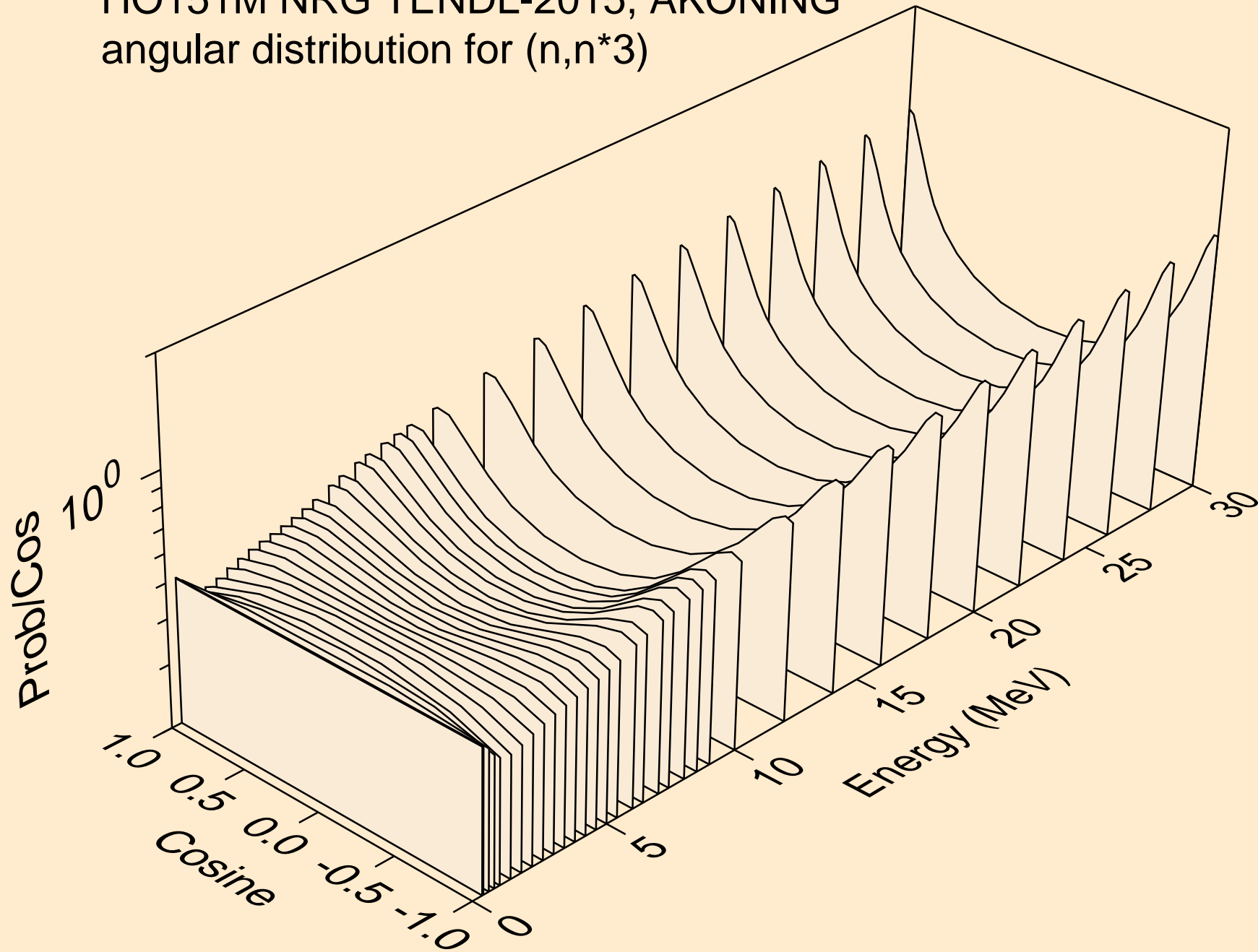
HO151M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



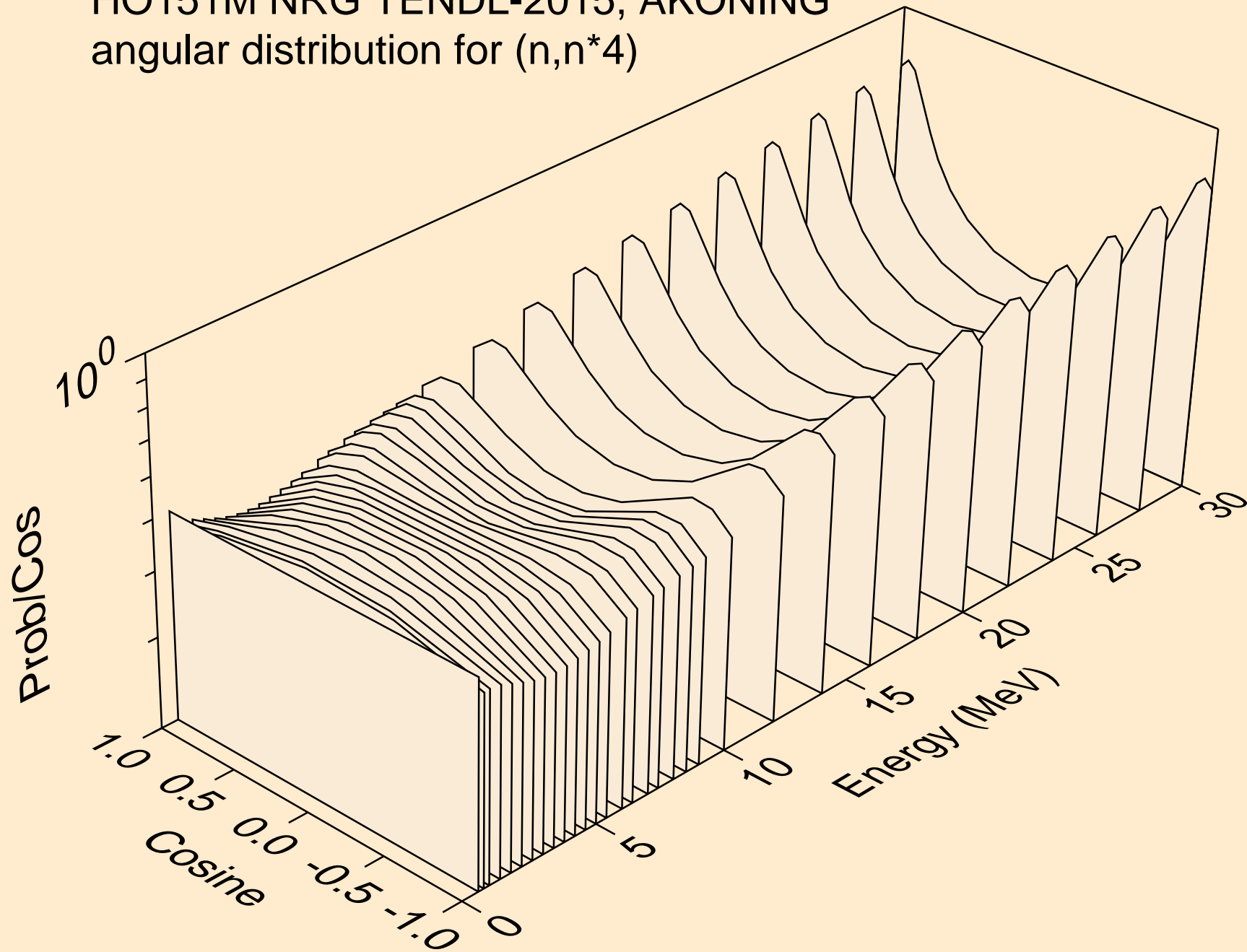
HO151M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



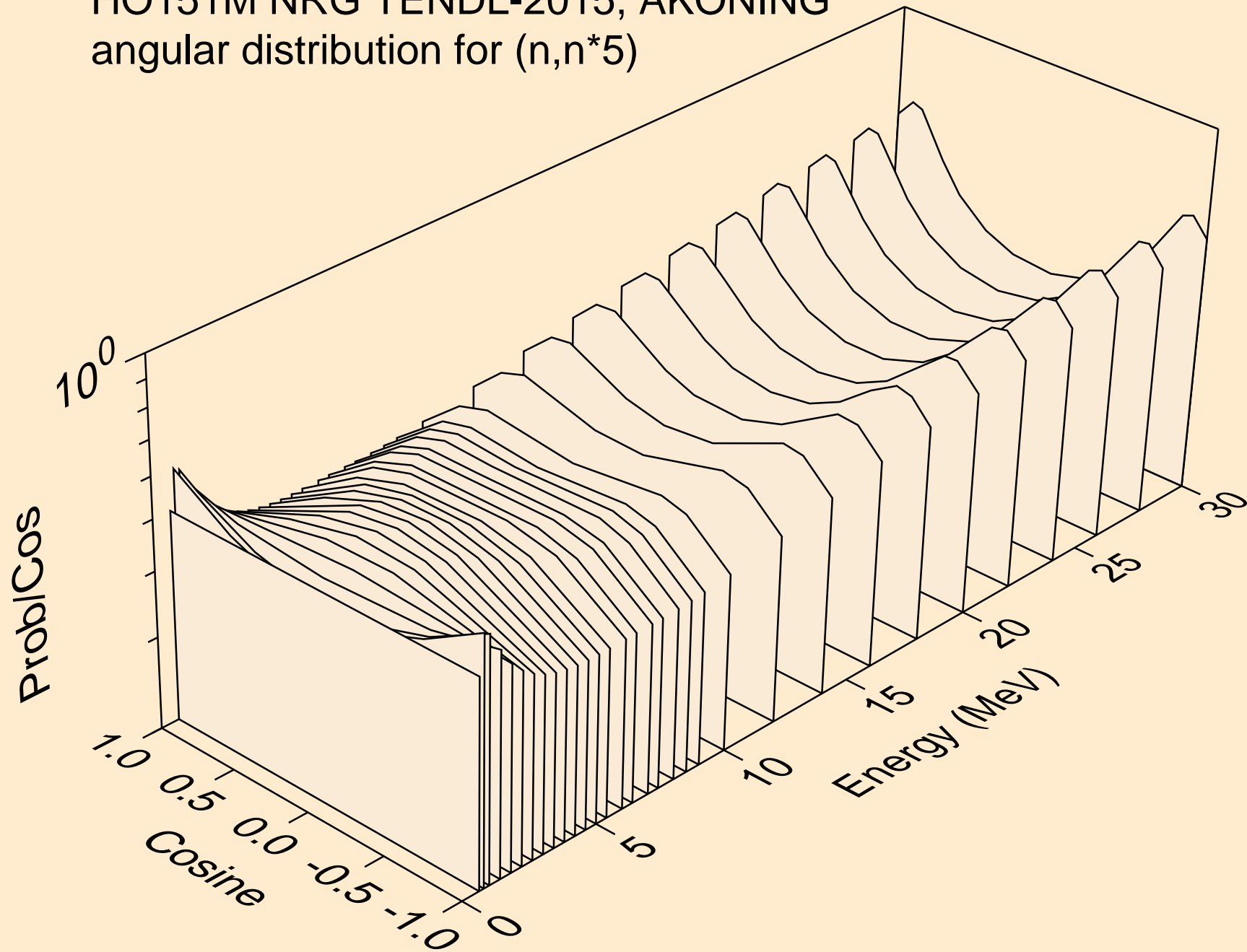
HO151M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



HO151M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

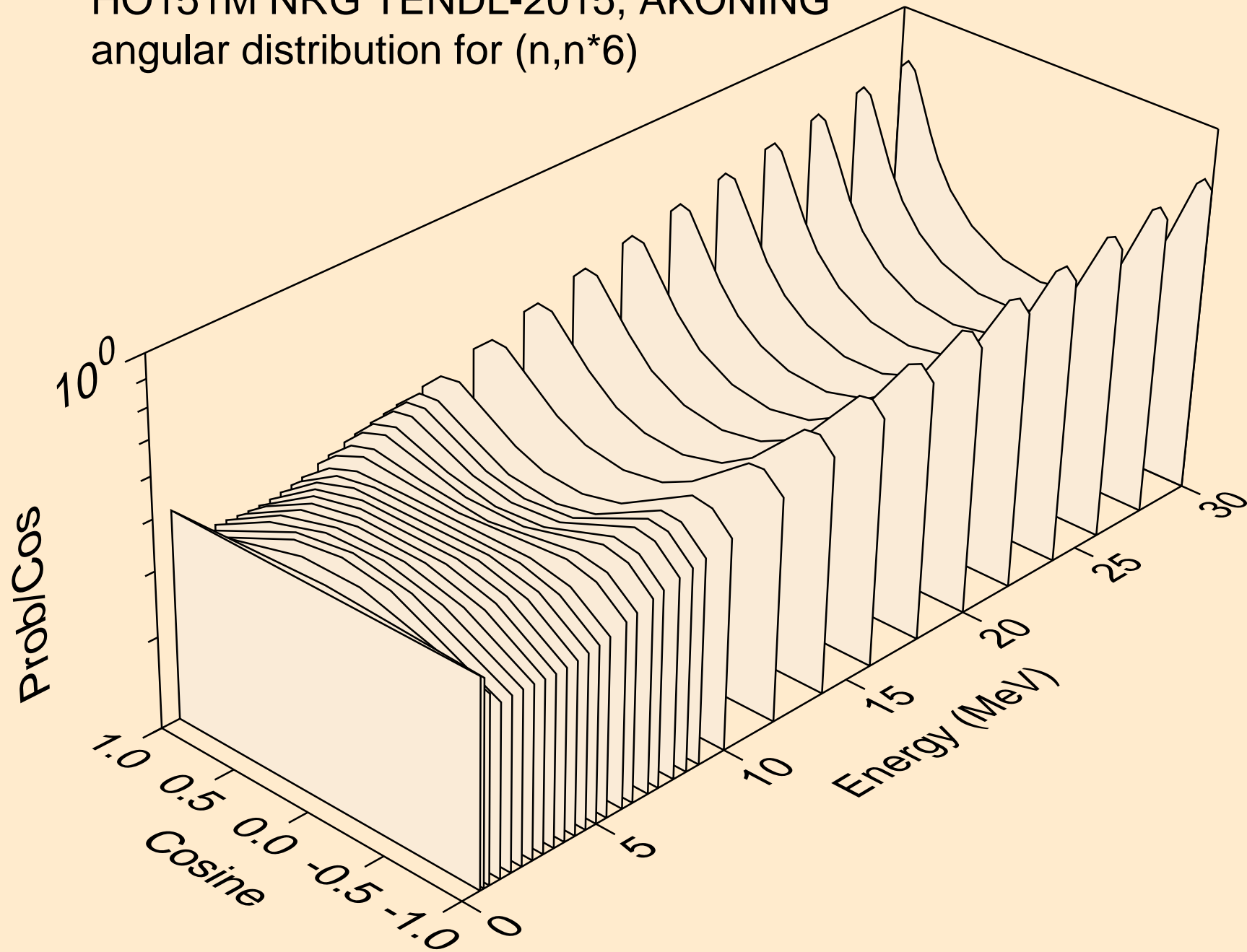


HO151M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

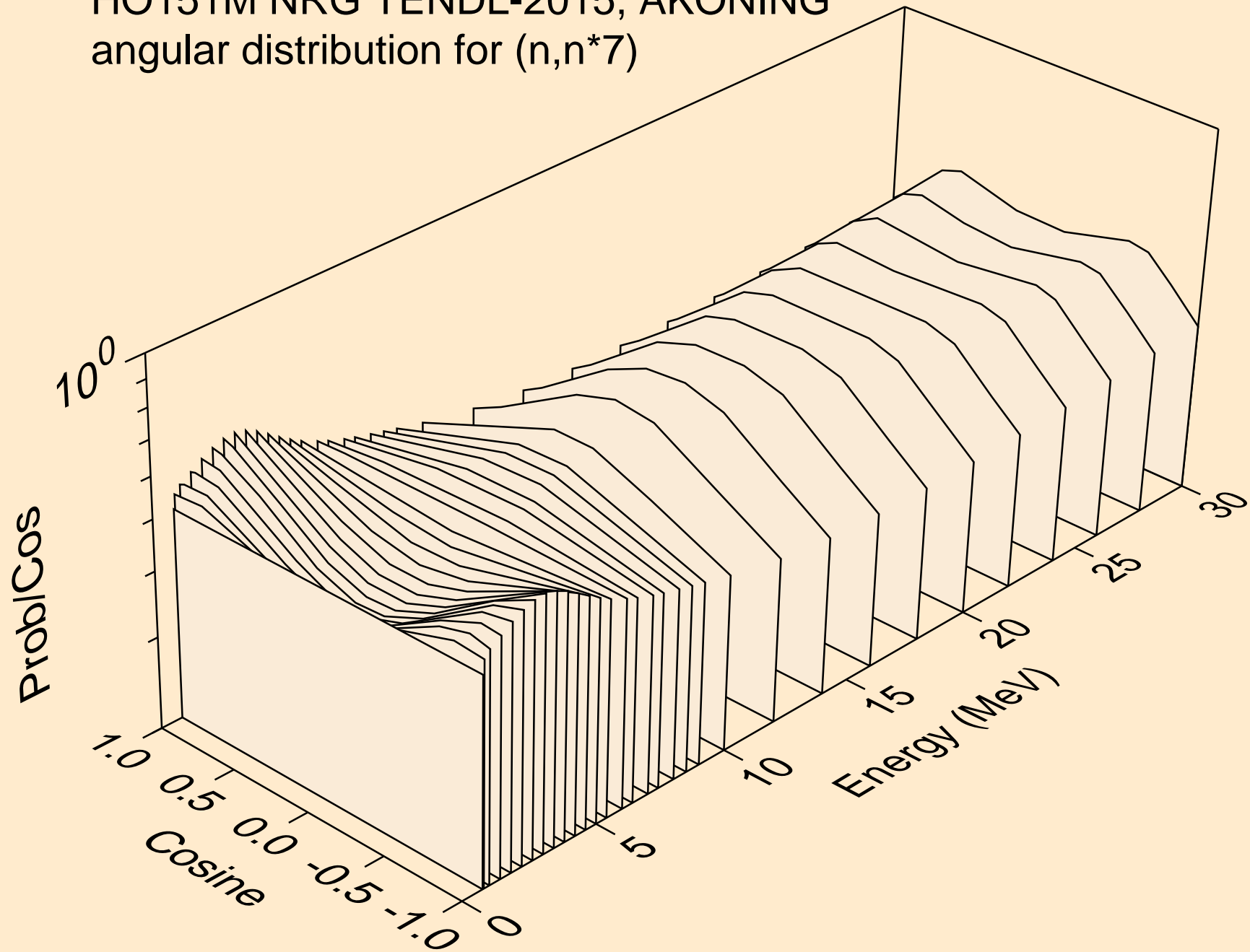




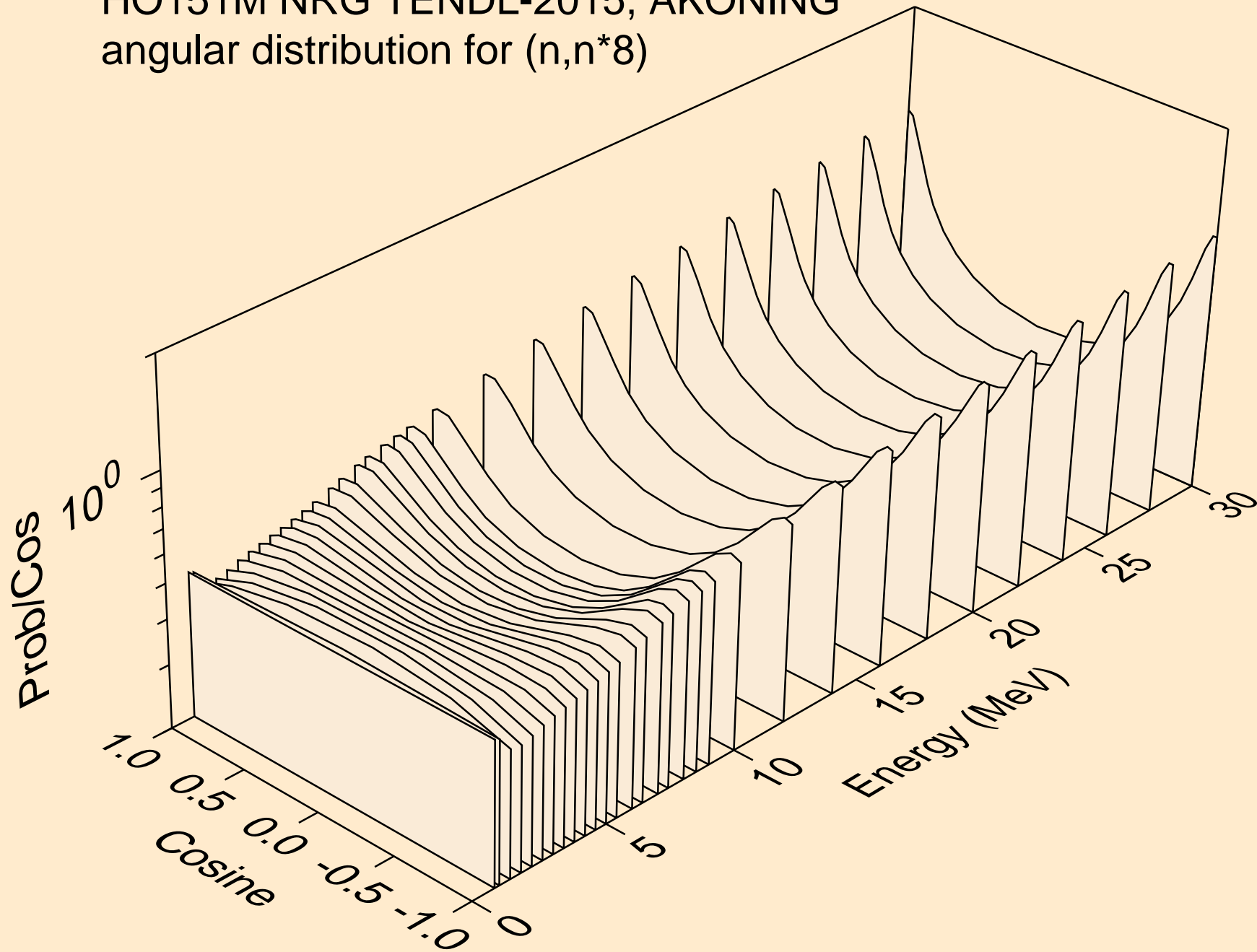
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angular distribution for (n,n\*6)



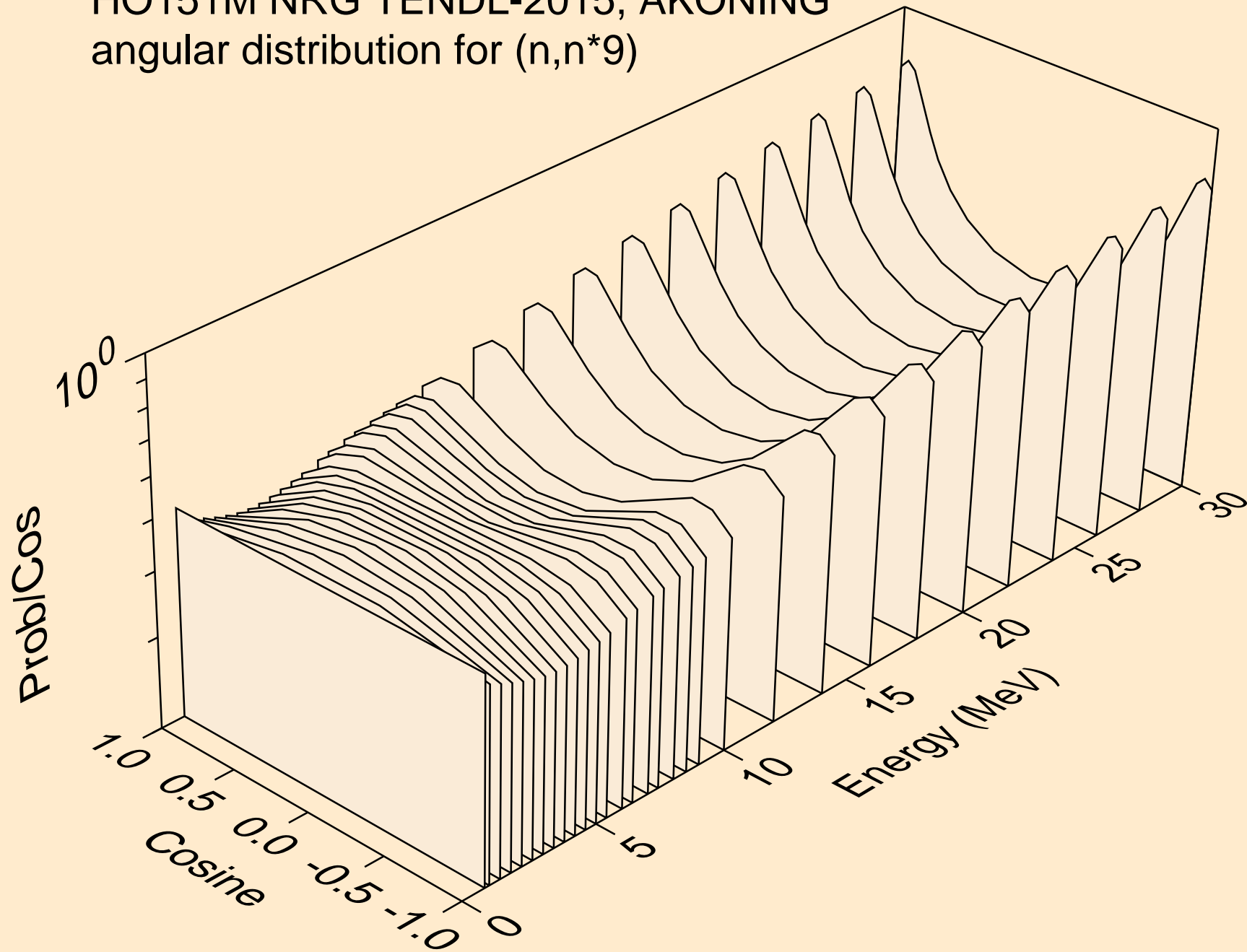
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angular distribution for (n,n\*7)



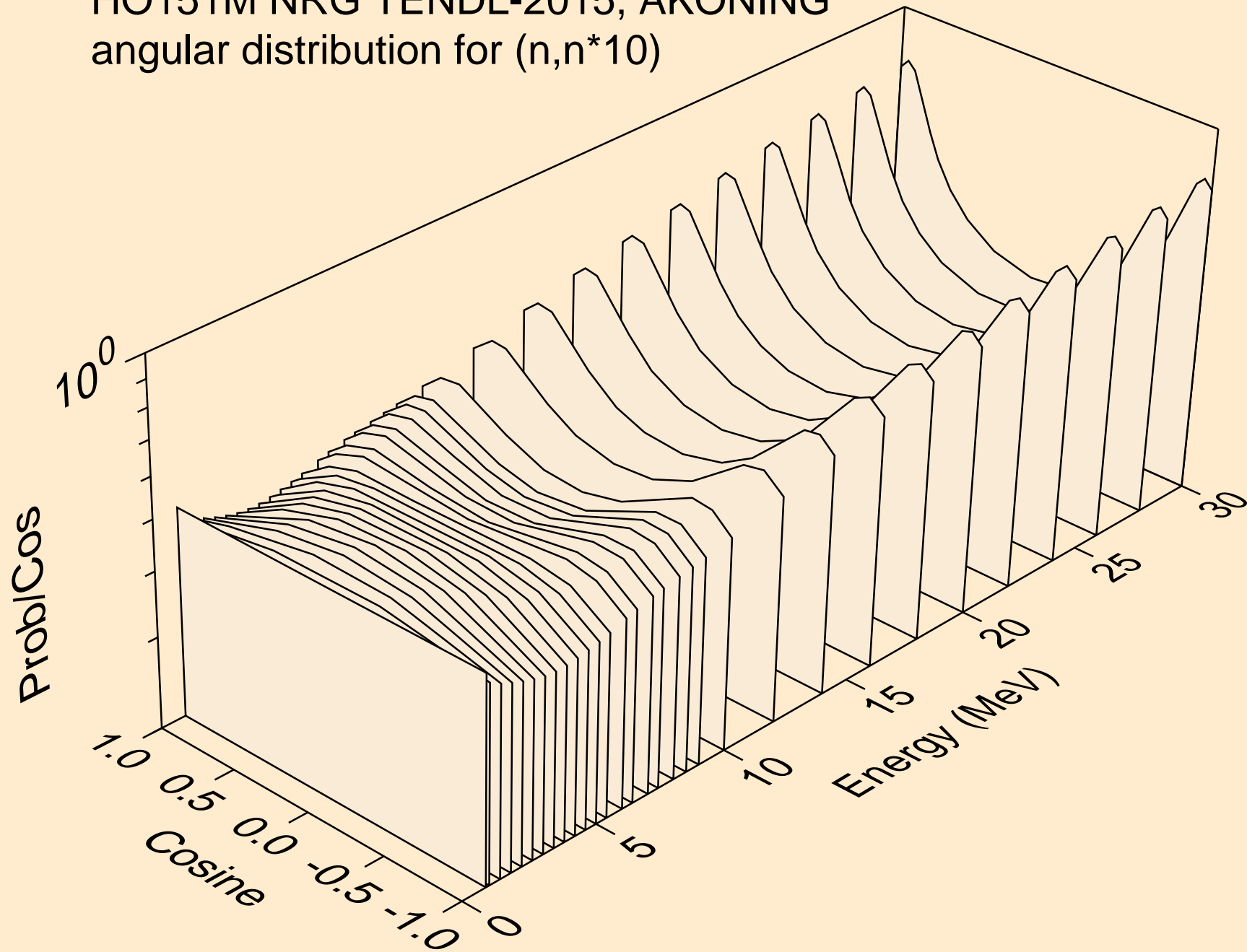
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angular distribution for (n,n\*8)



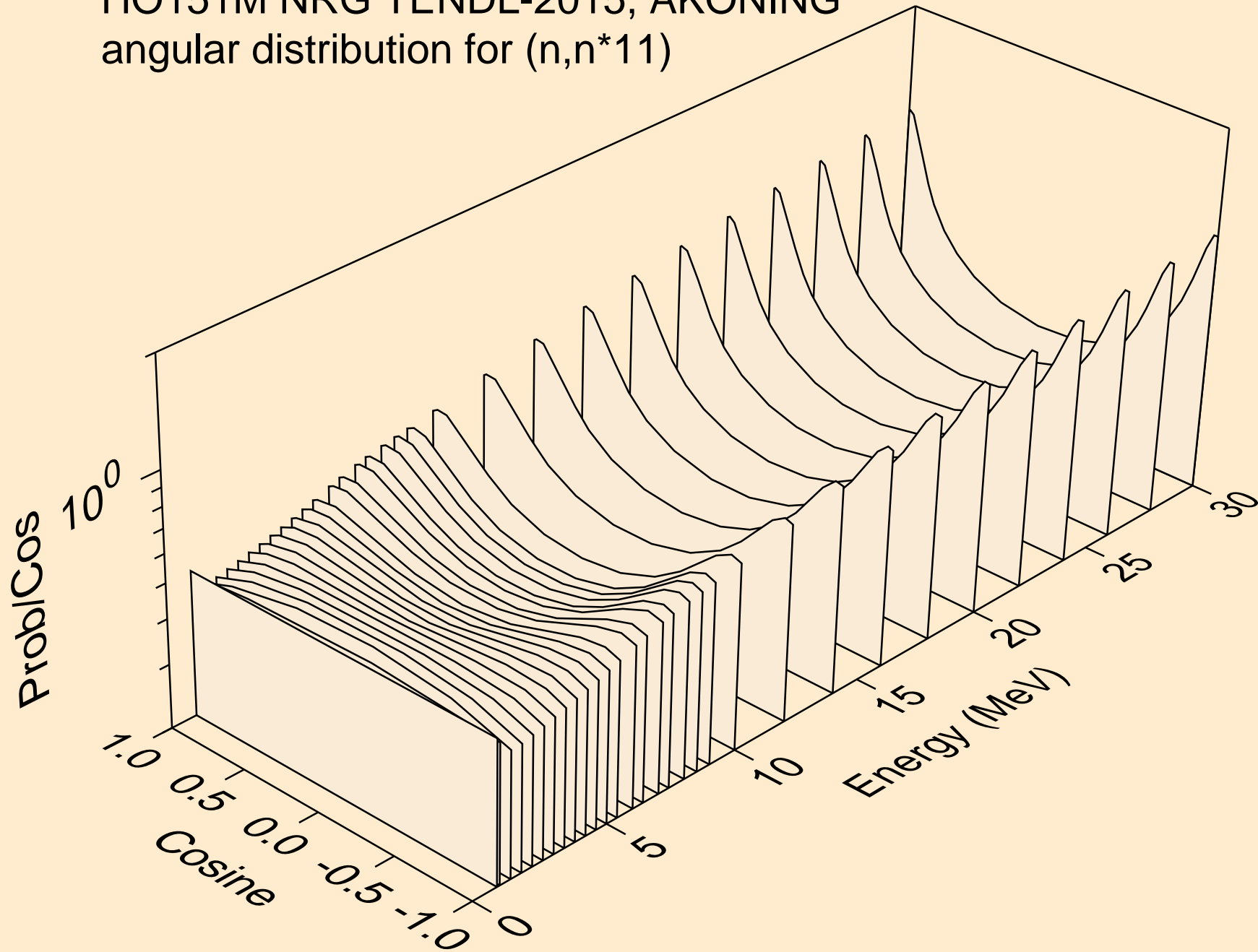
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angular distribution for (n,n\*9)



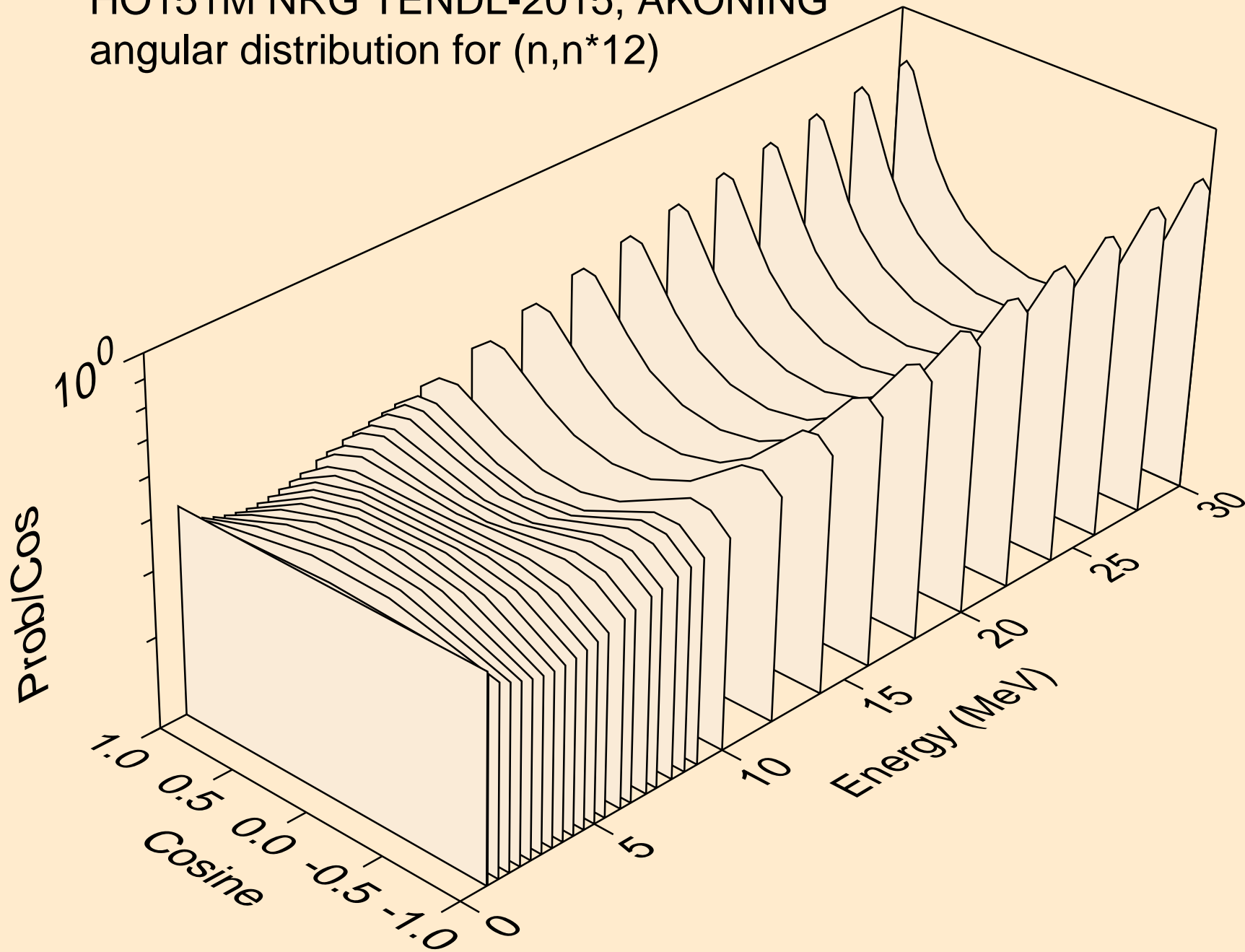
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angular distribution for (n,n\*10)



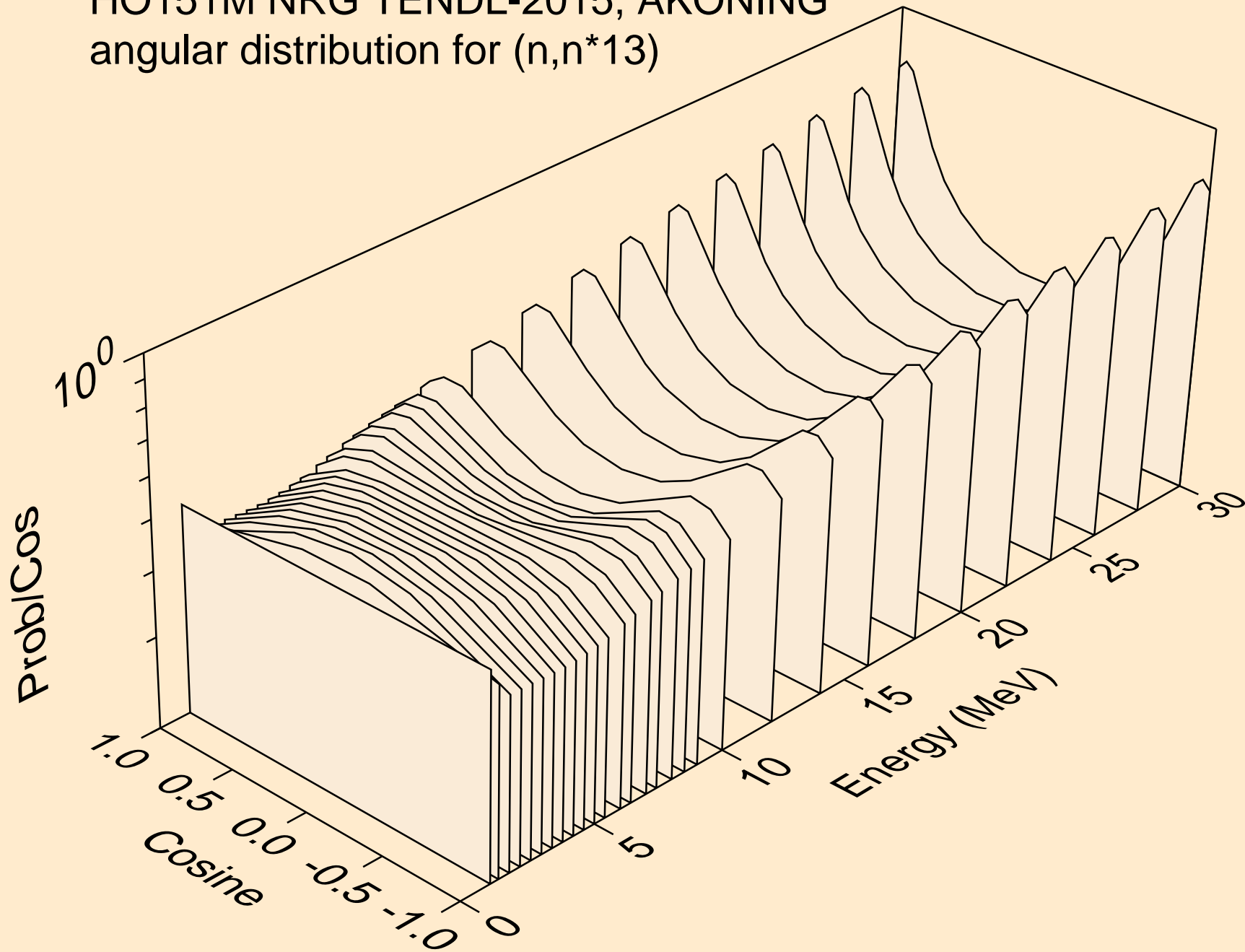
HO151M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



HO151M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

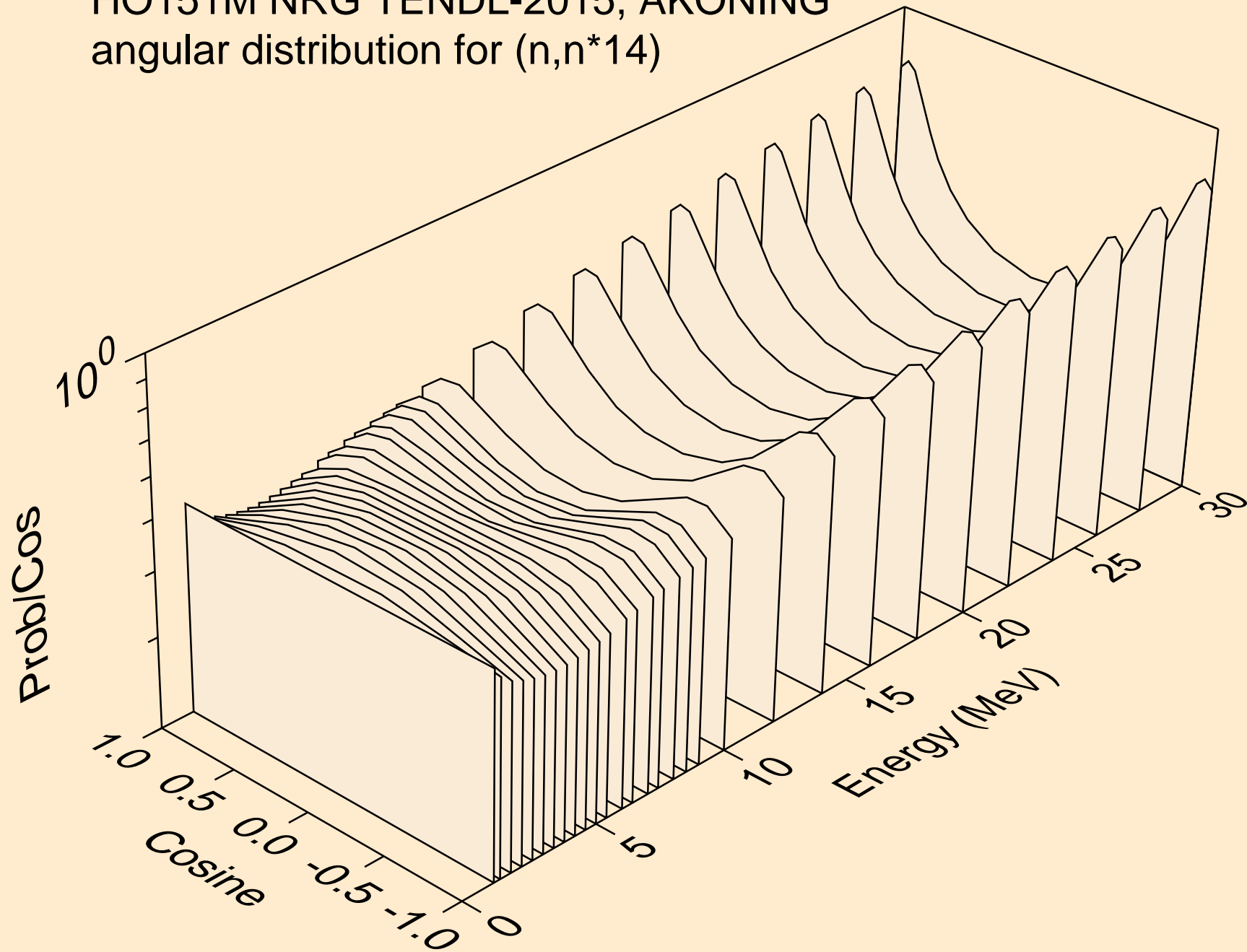


HO151M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

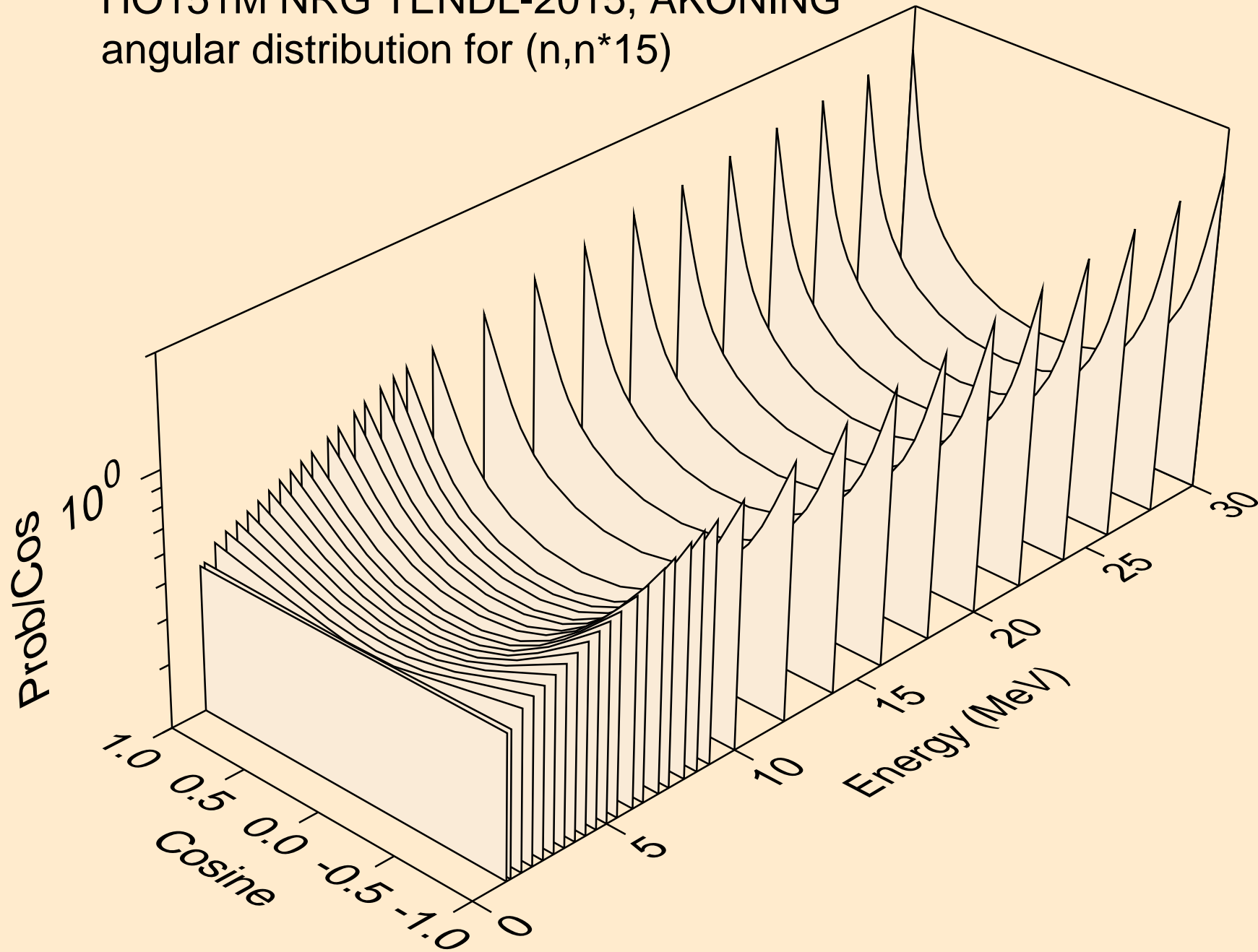




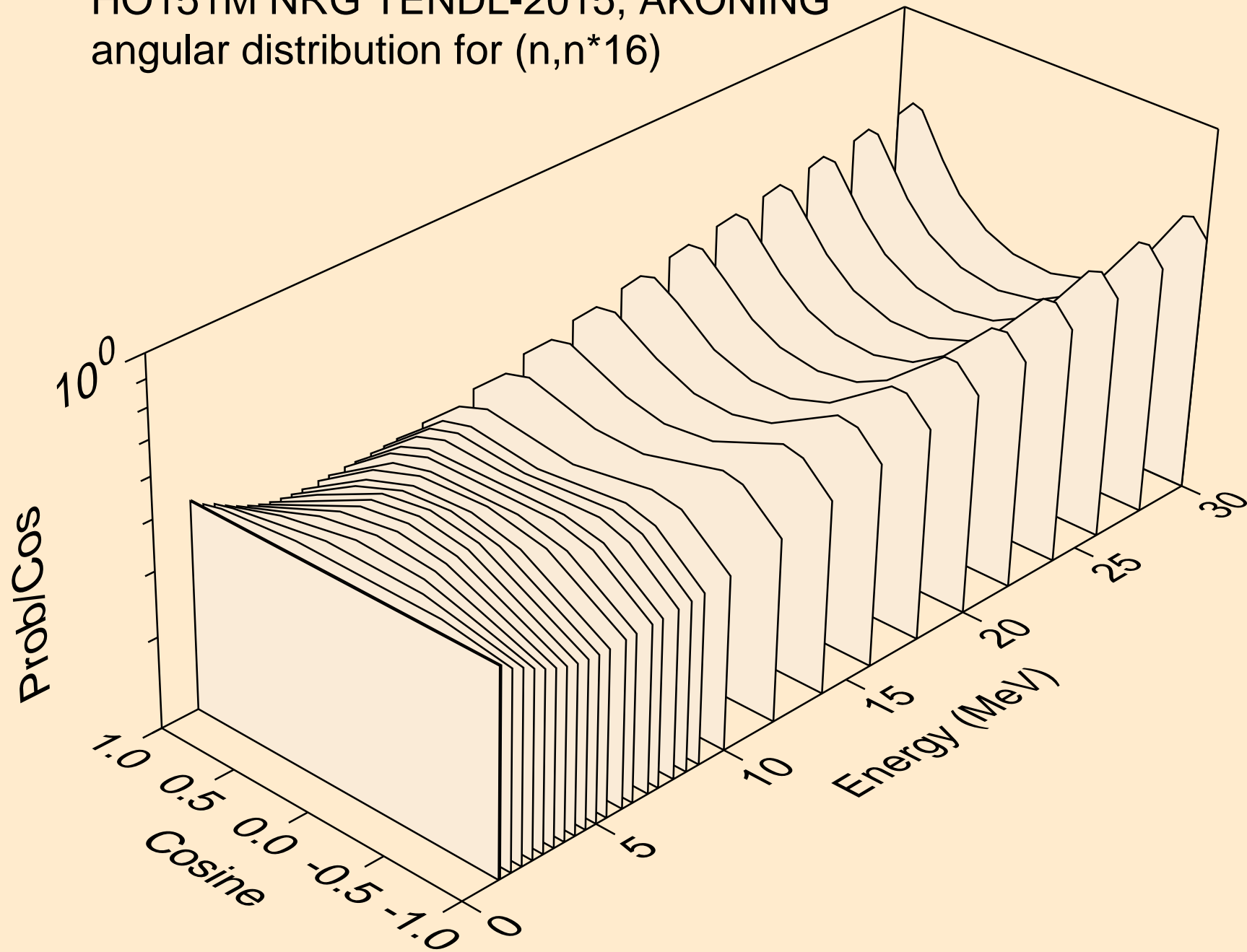
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angular distribution for (n,n\*14)



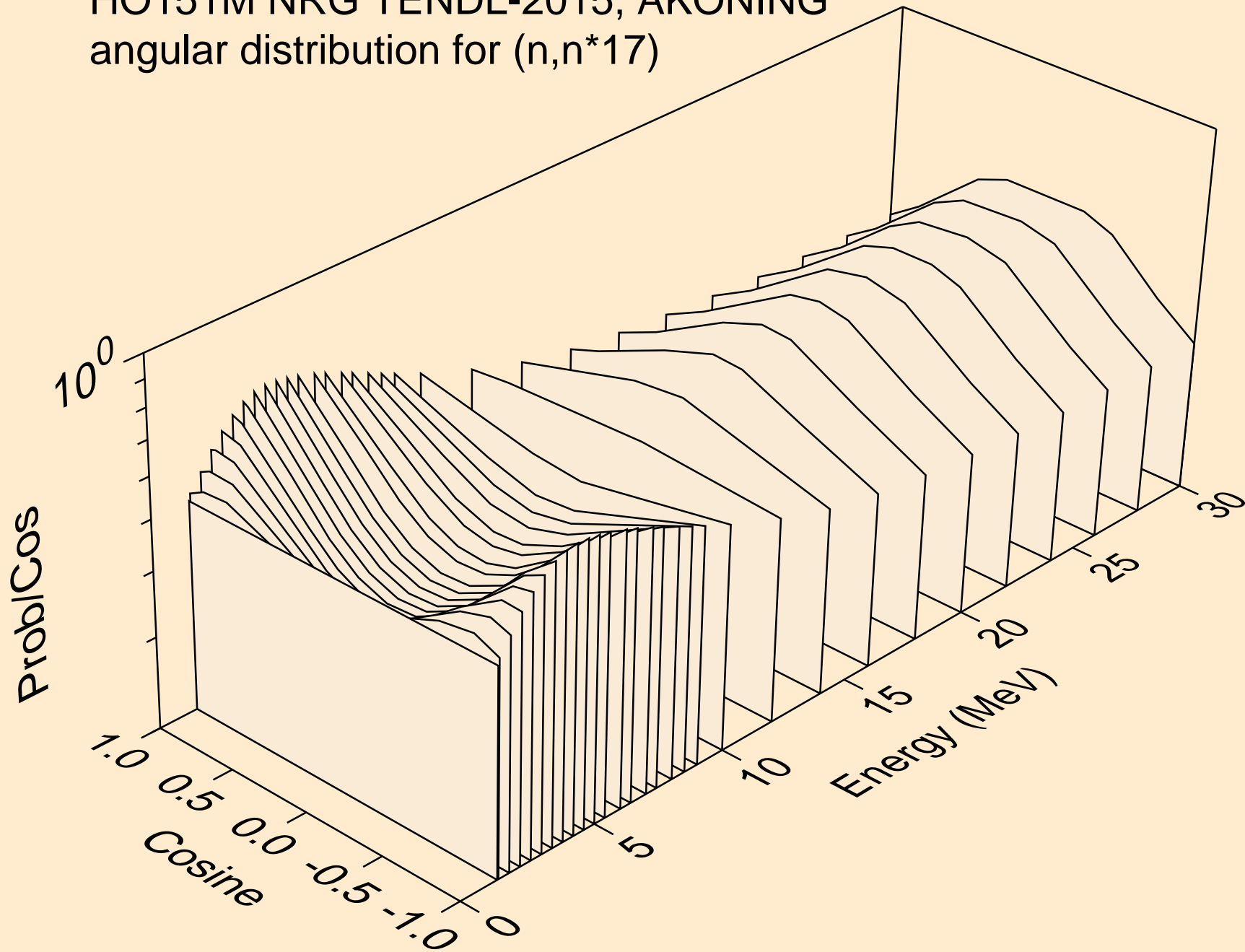
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angular distribution for (n,n\*15)



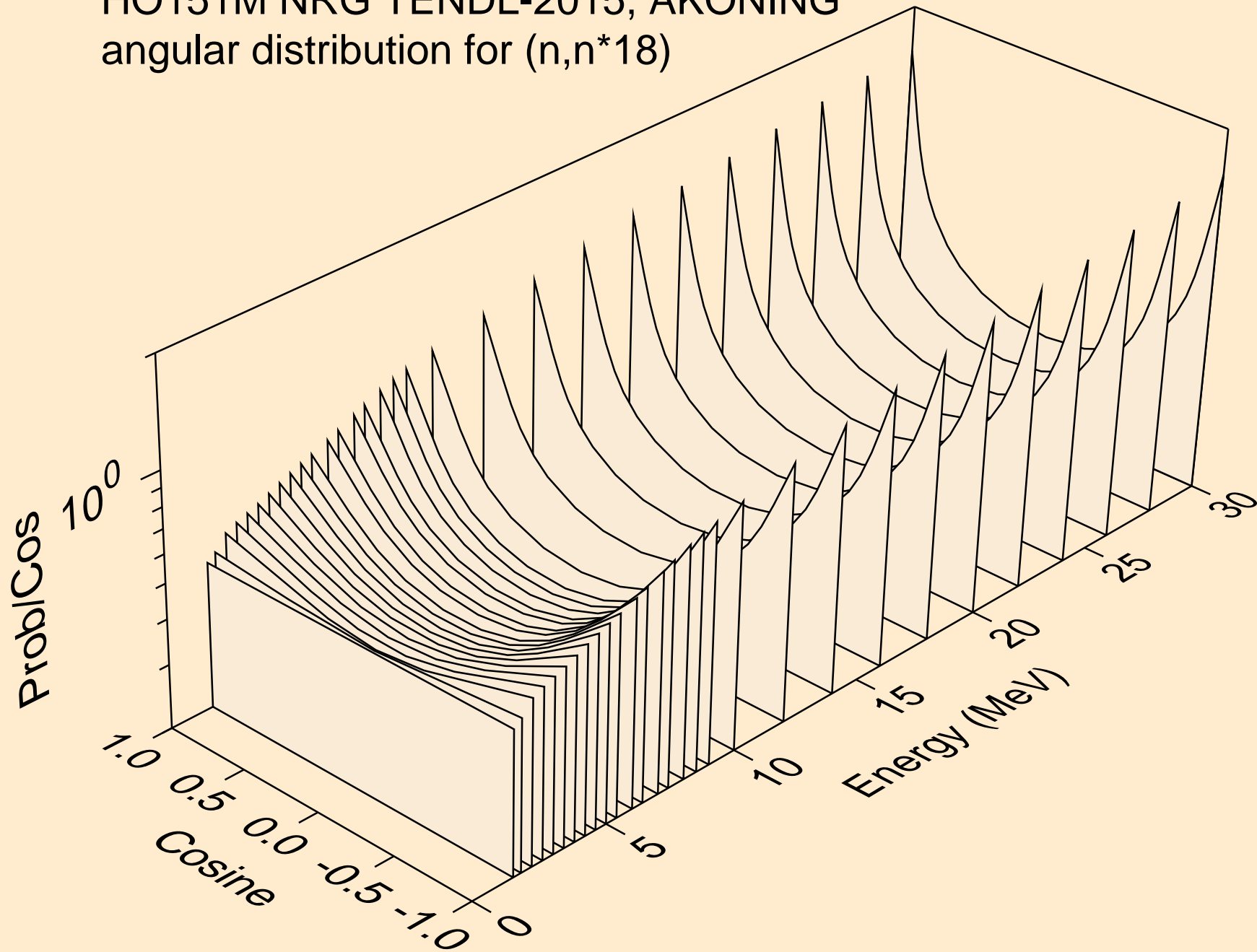
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angular distribution for (n,n\*16)



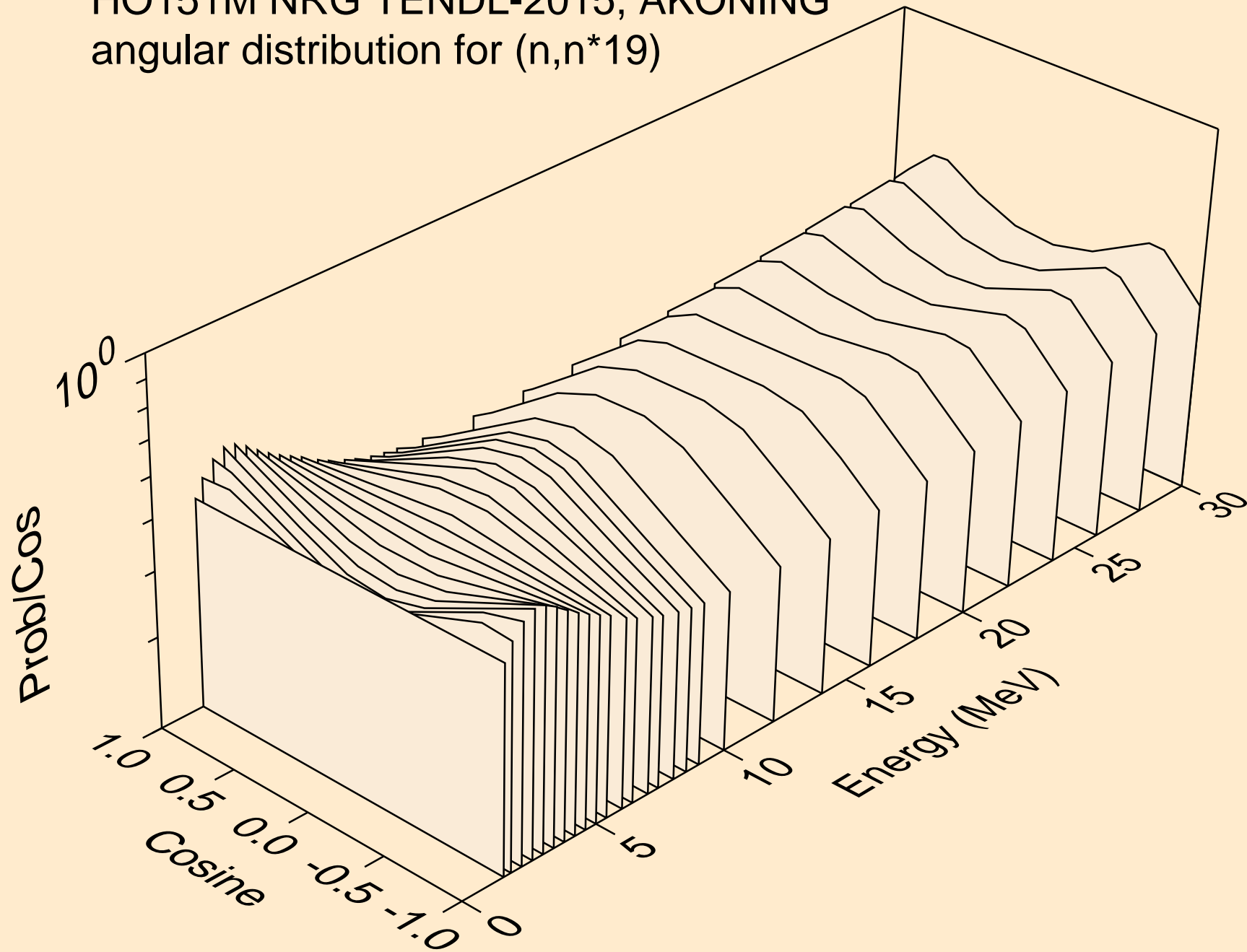
HO151M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



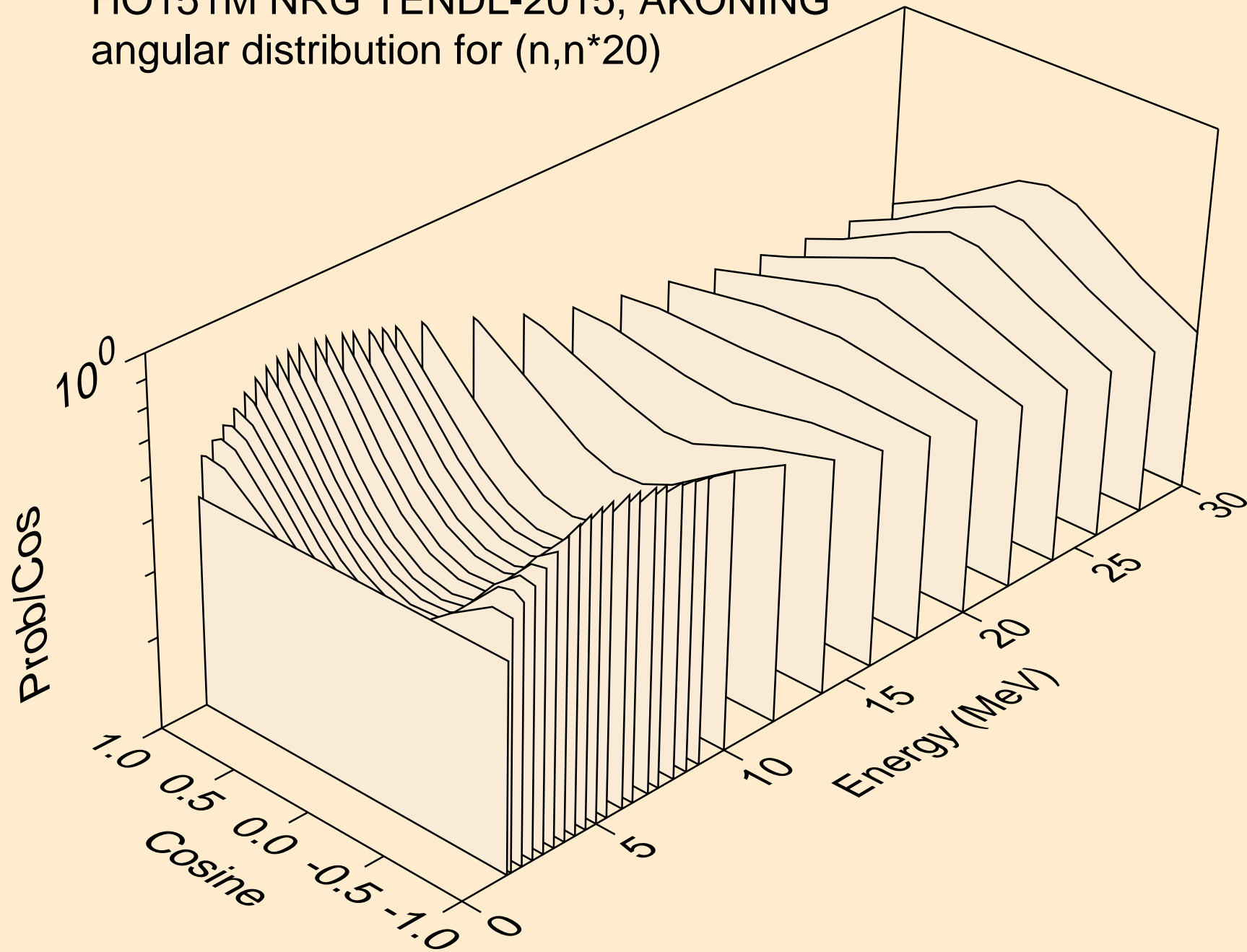
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angular distribution for (n,n\*18)



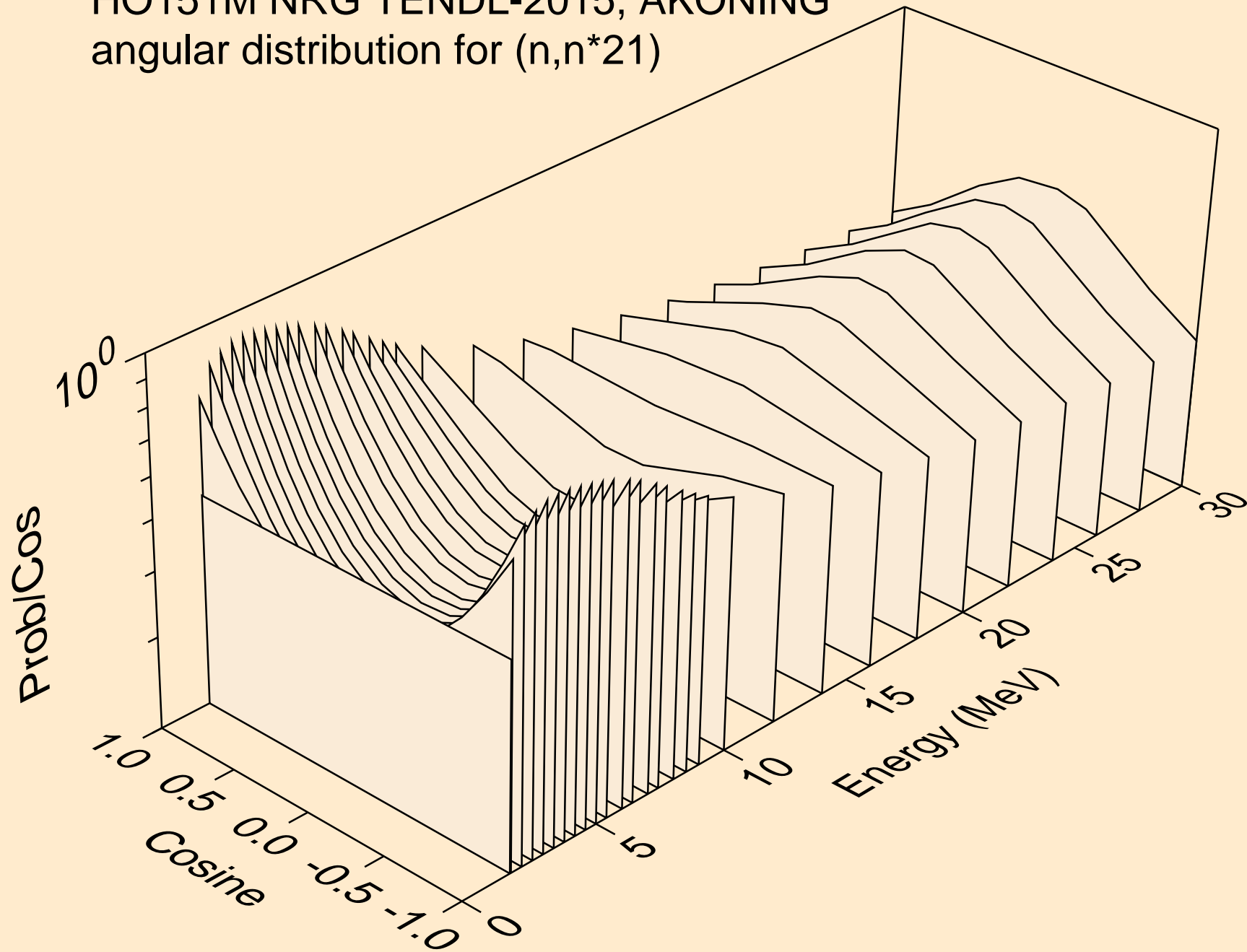
HO151M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



HO151M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

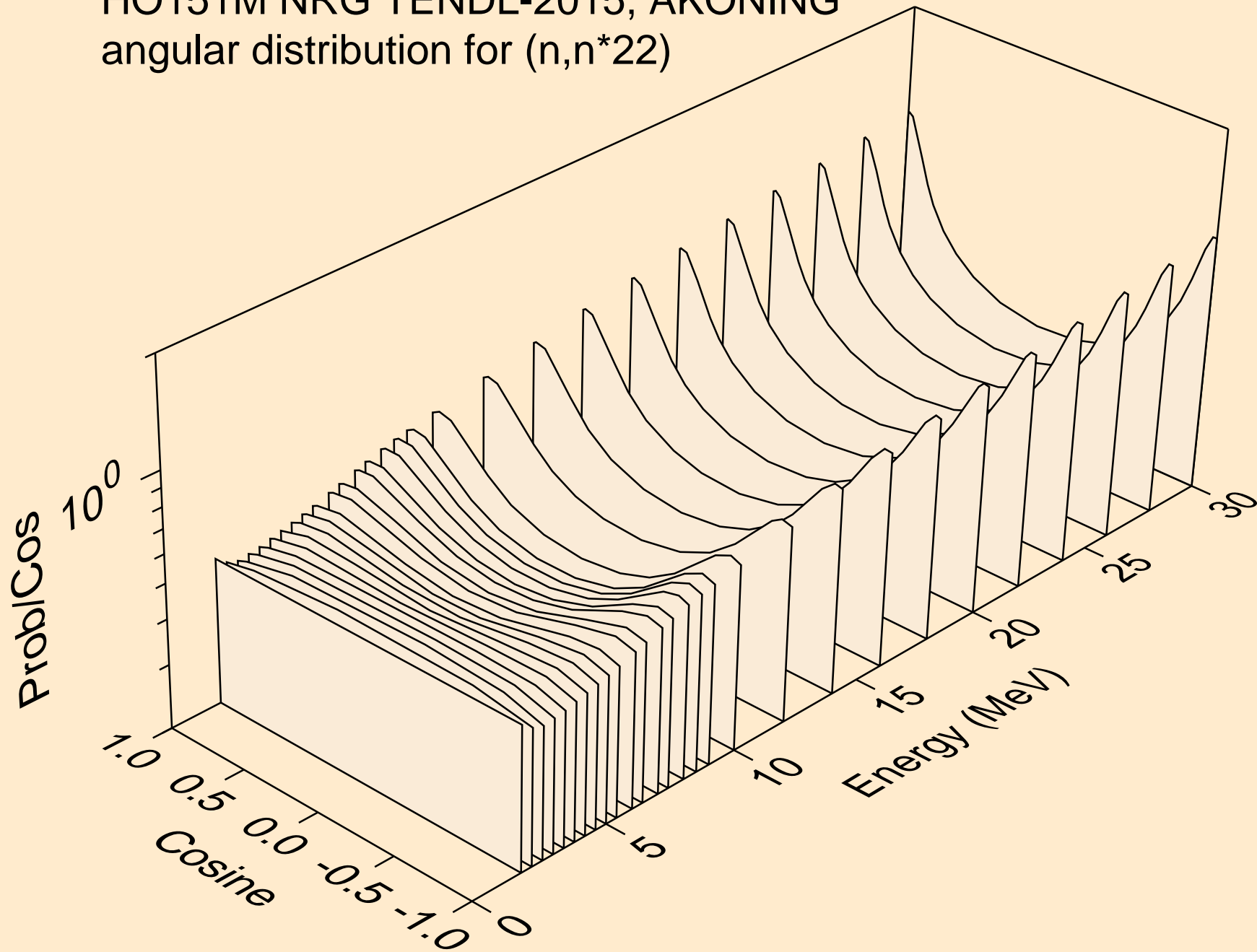


HO151M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

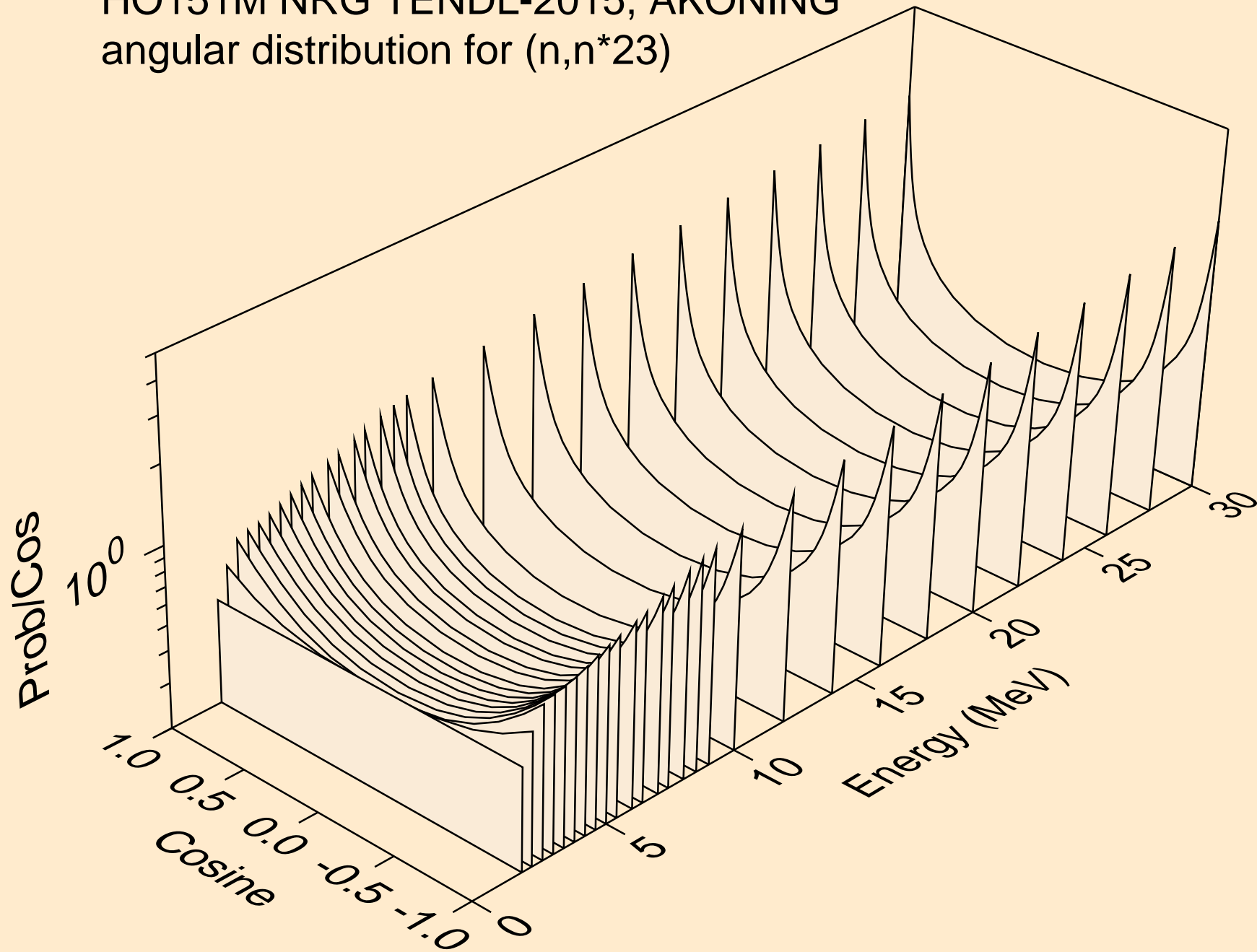




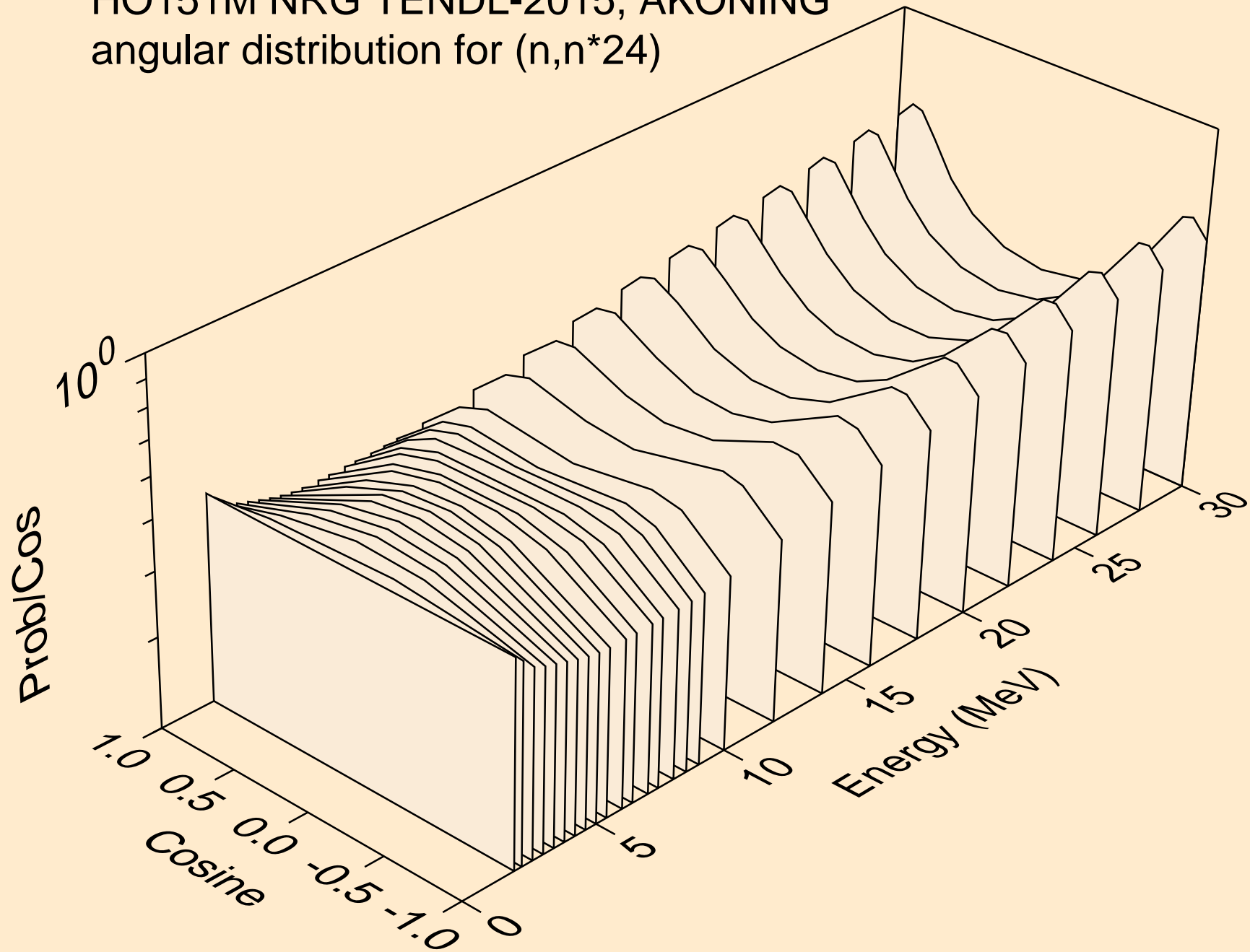
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angular distribution for (n,n\*22)



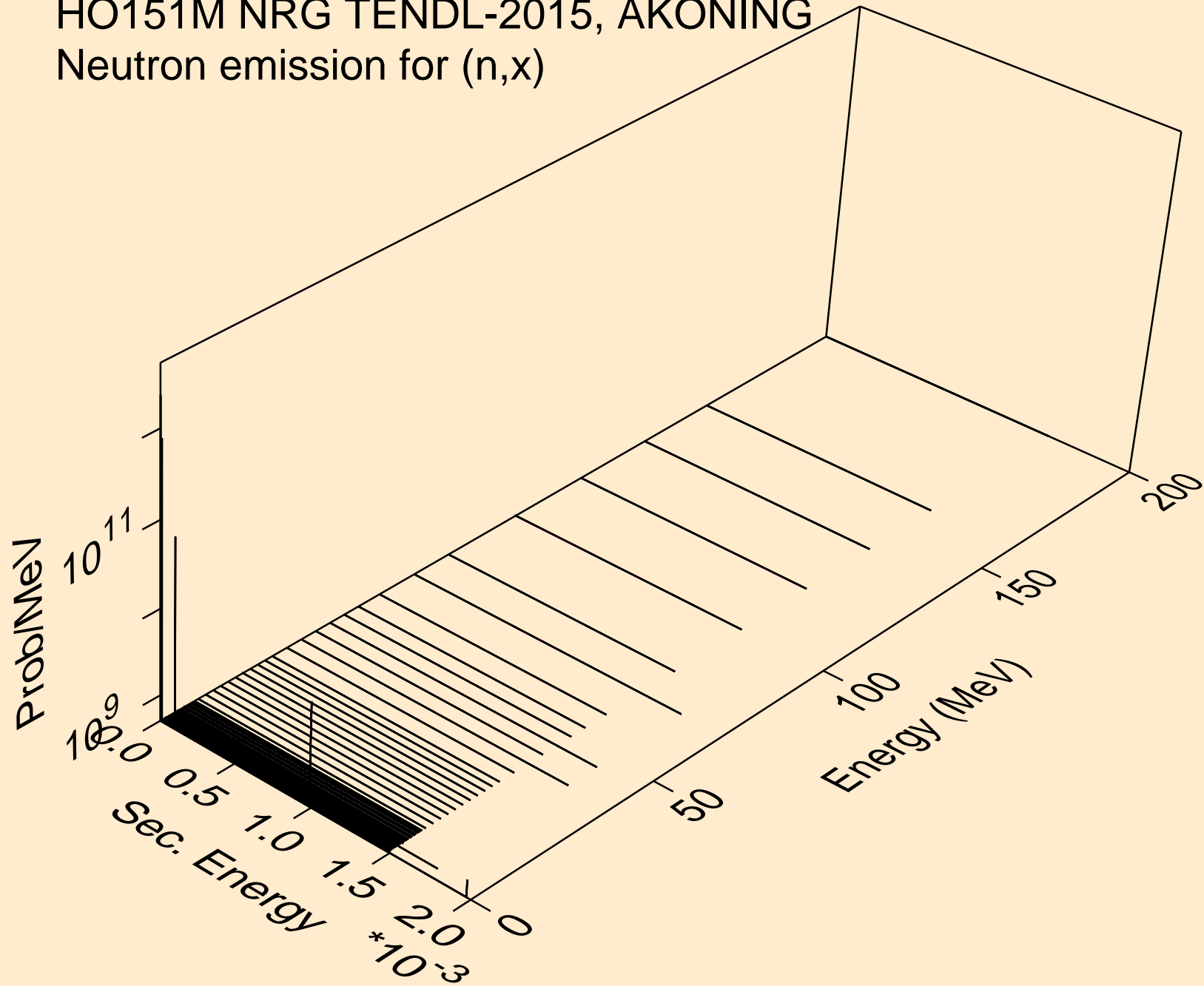
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angular distribution for (n,n\*23)



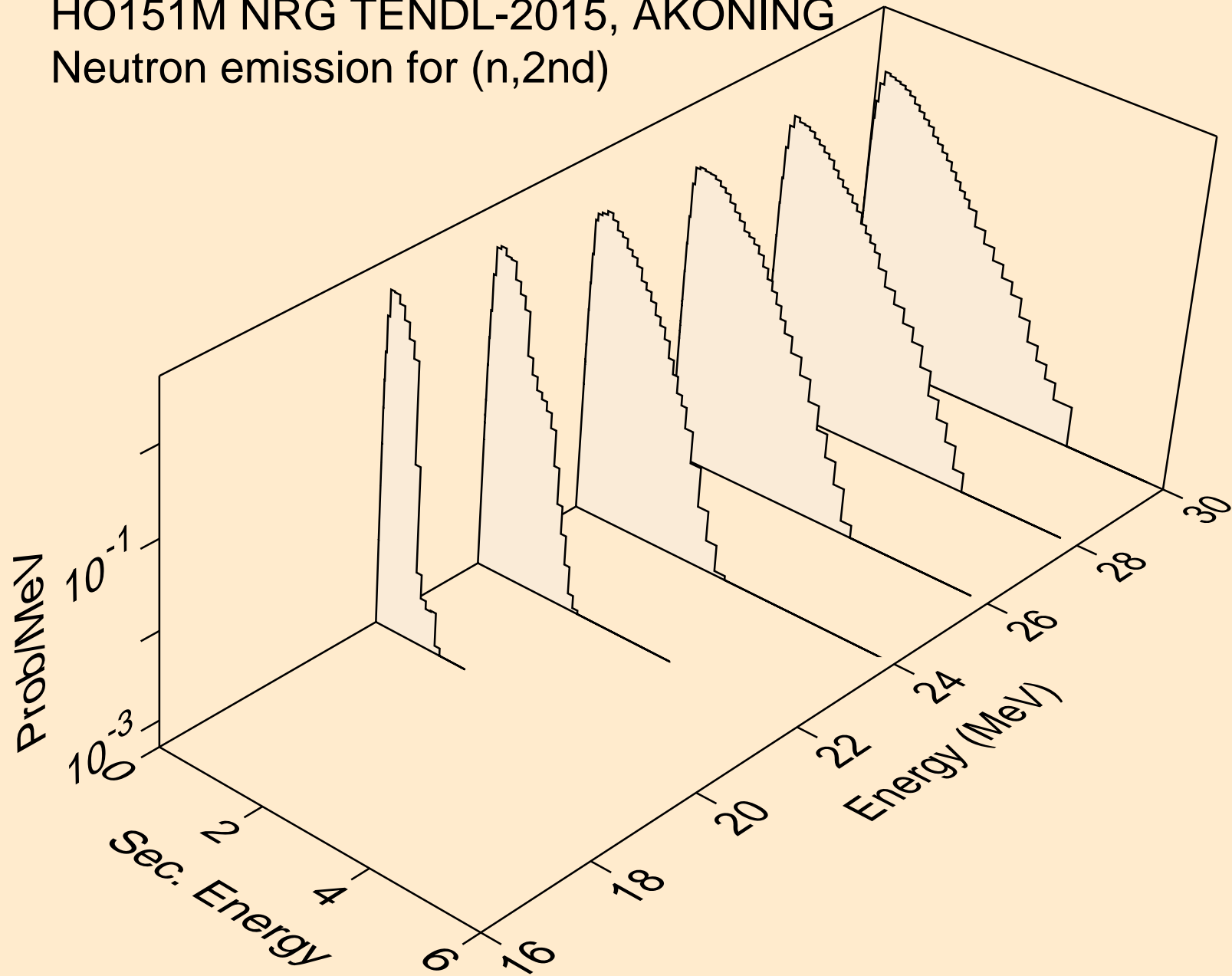
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angular distribution for (n,n\*24)



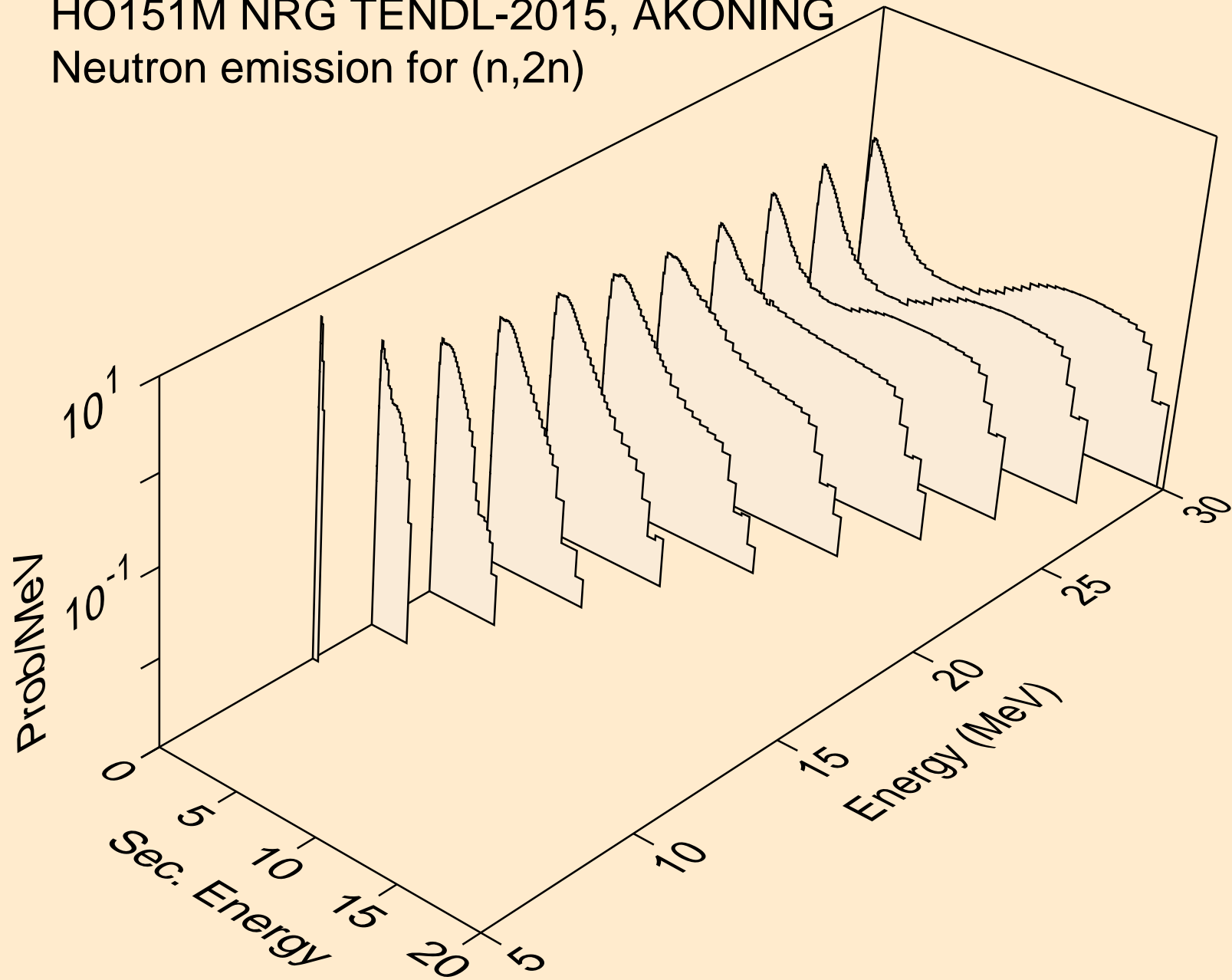
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



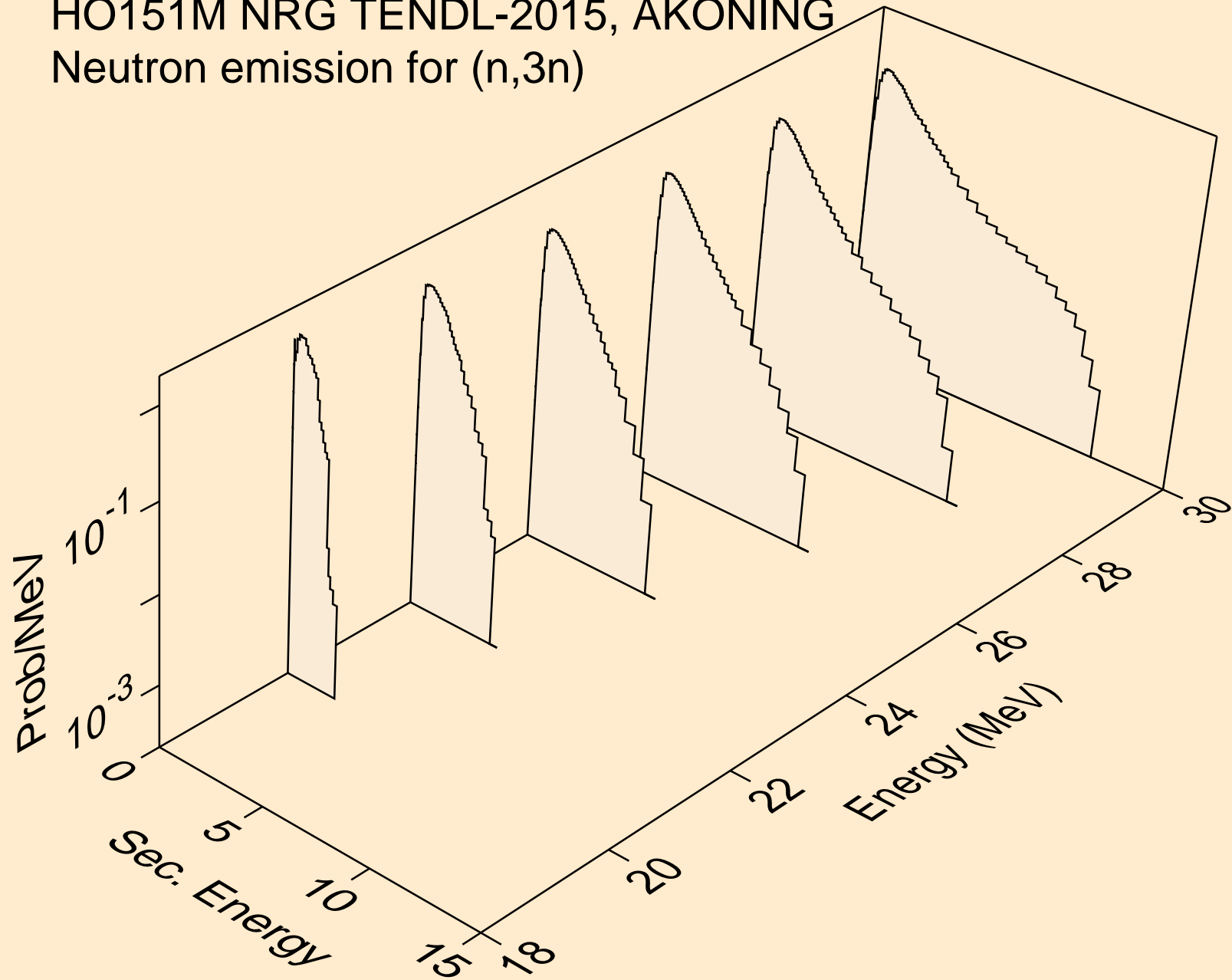
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



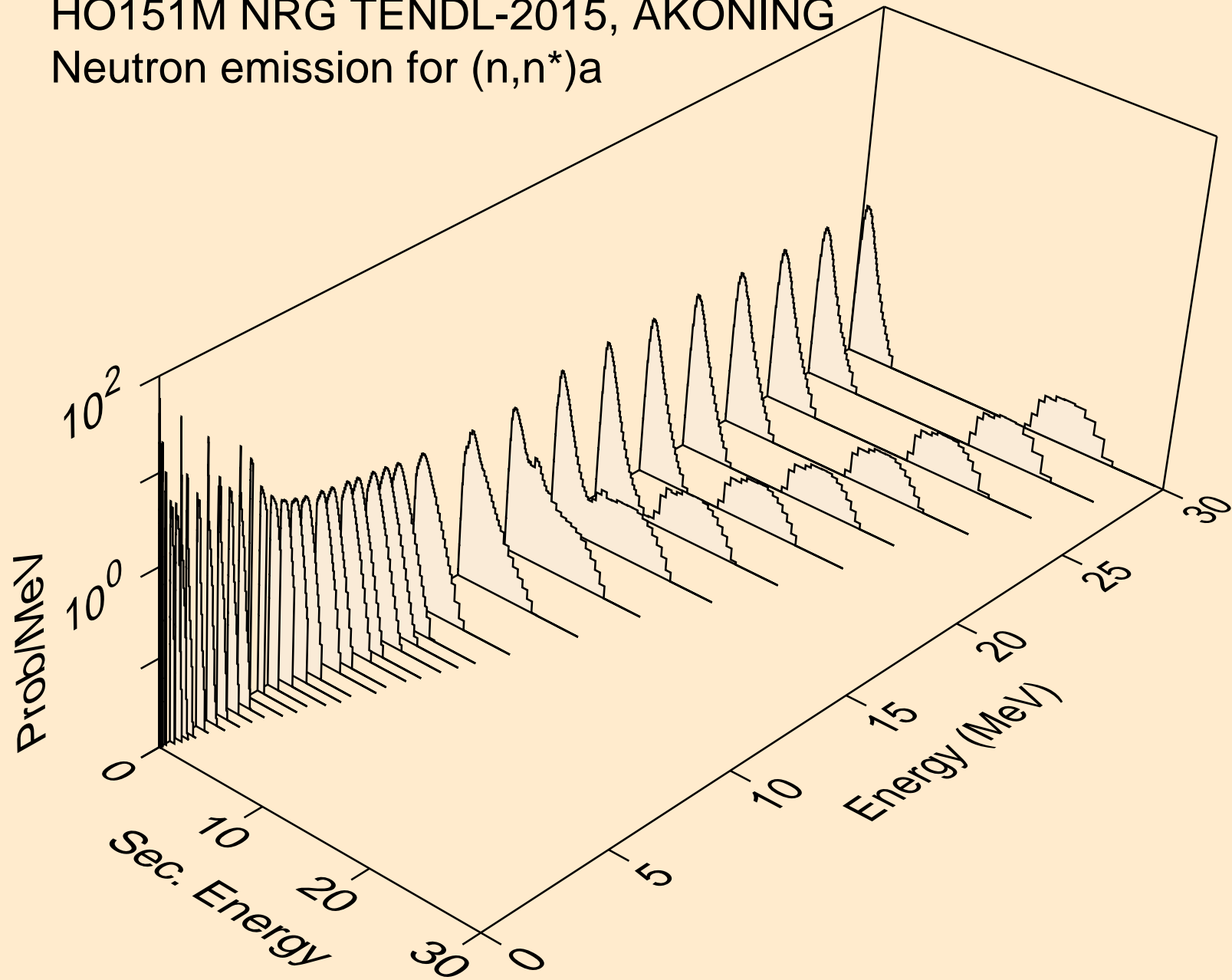
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

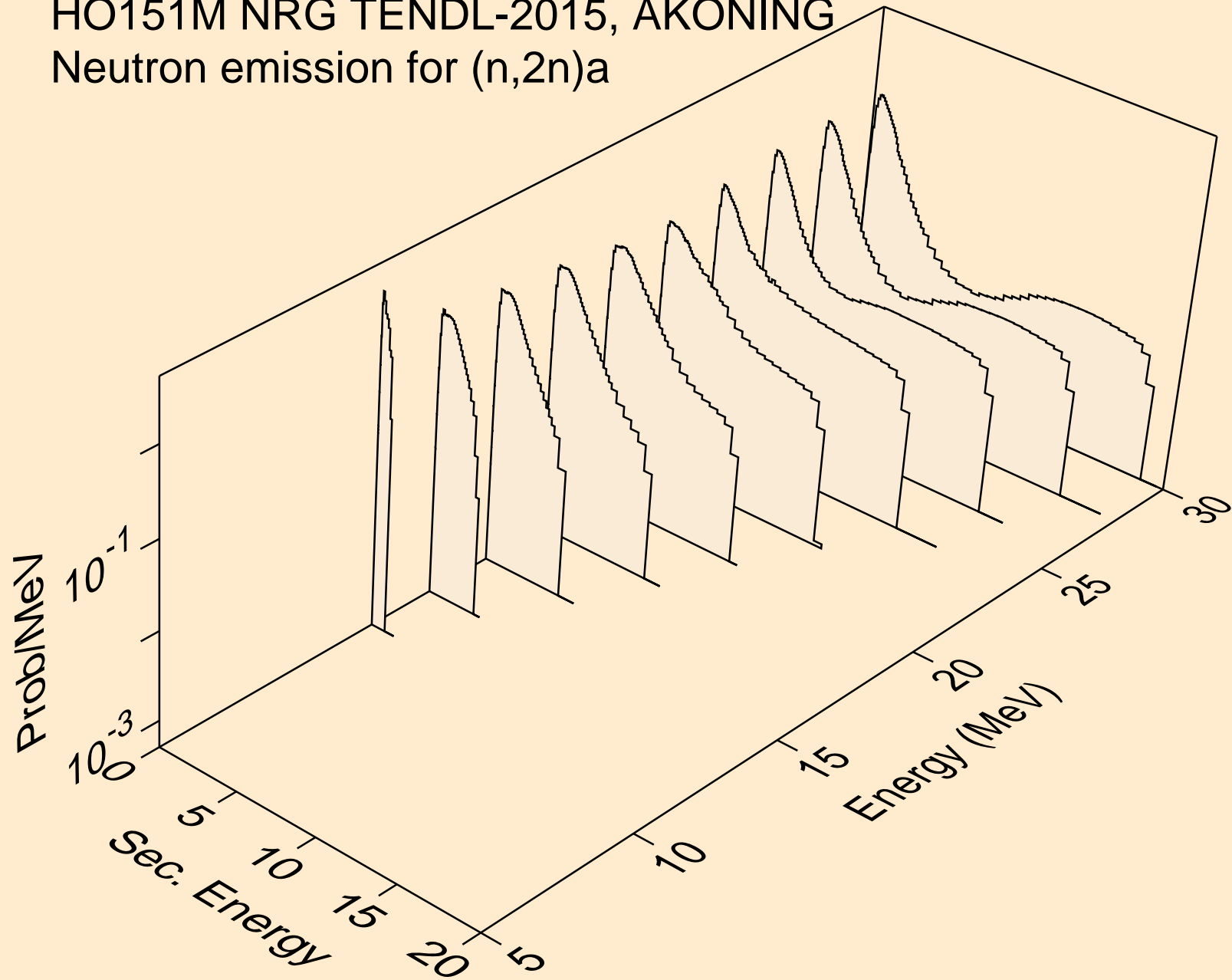


HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

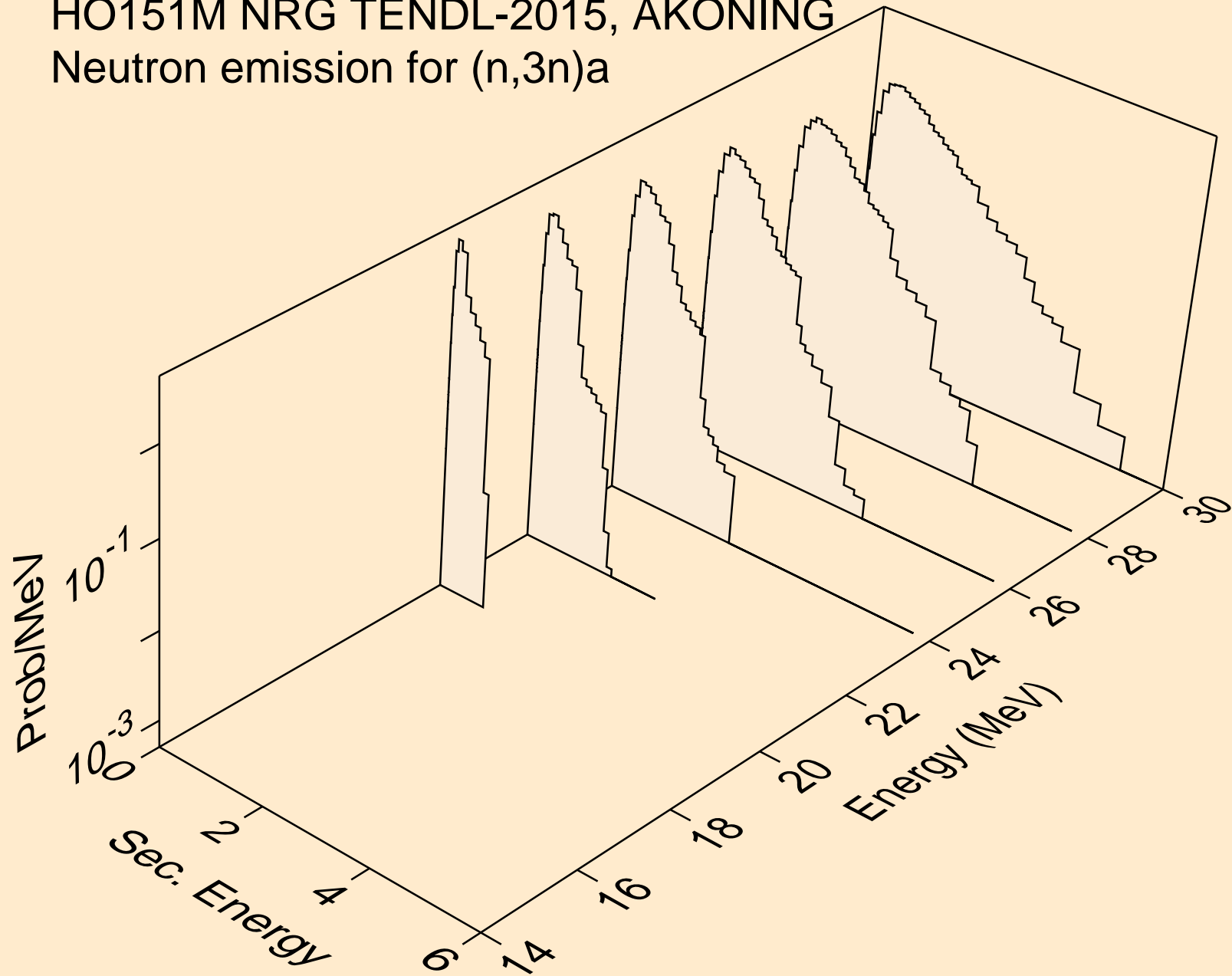




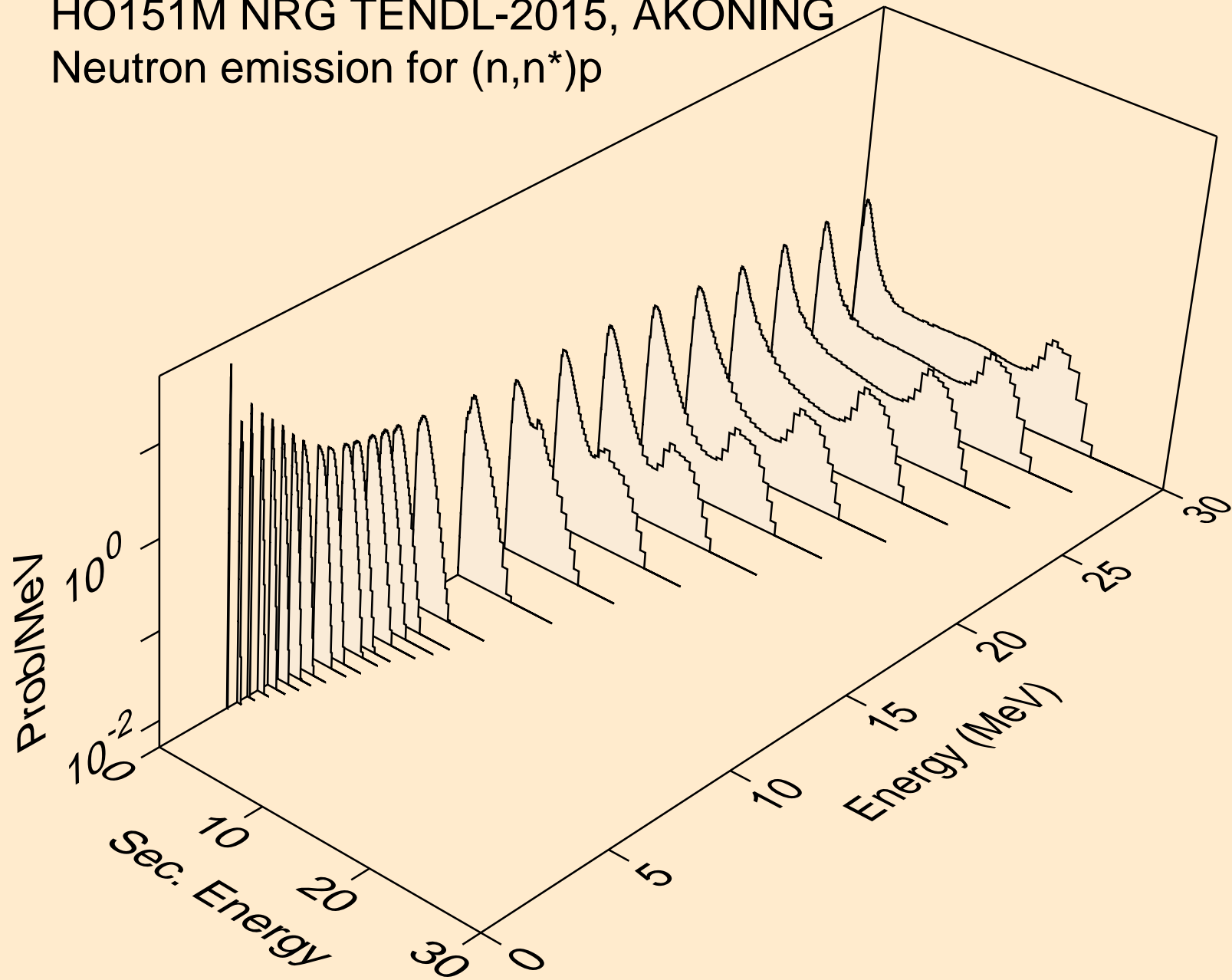
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



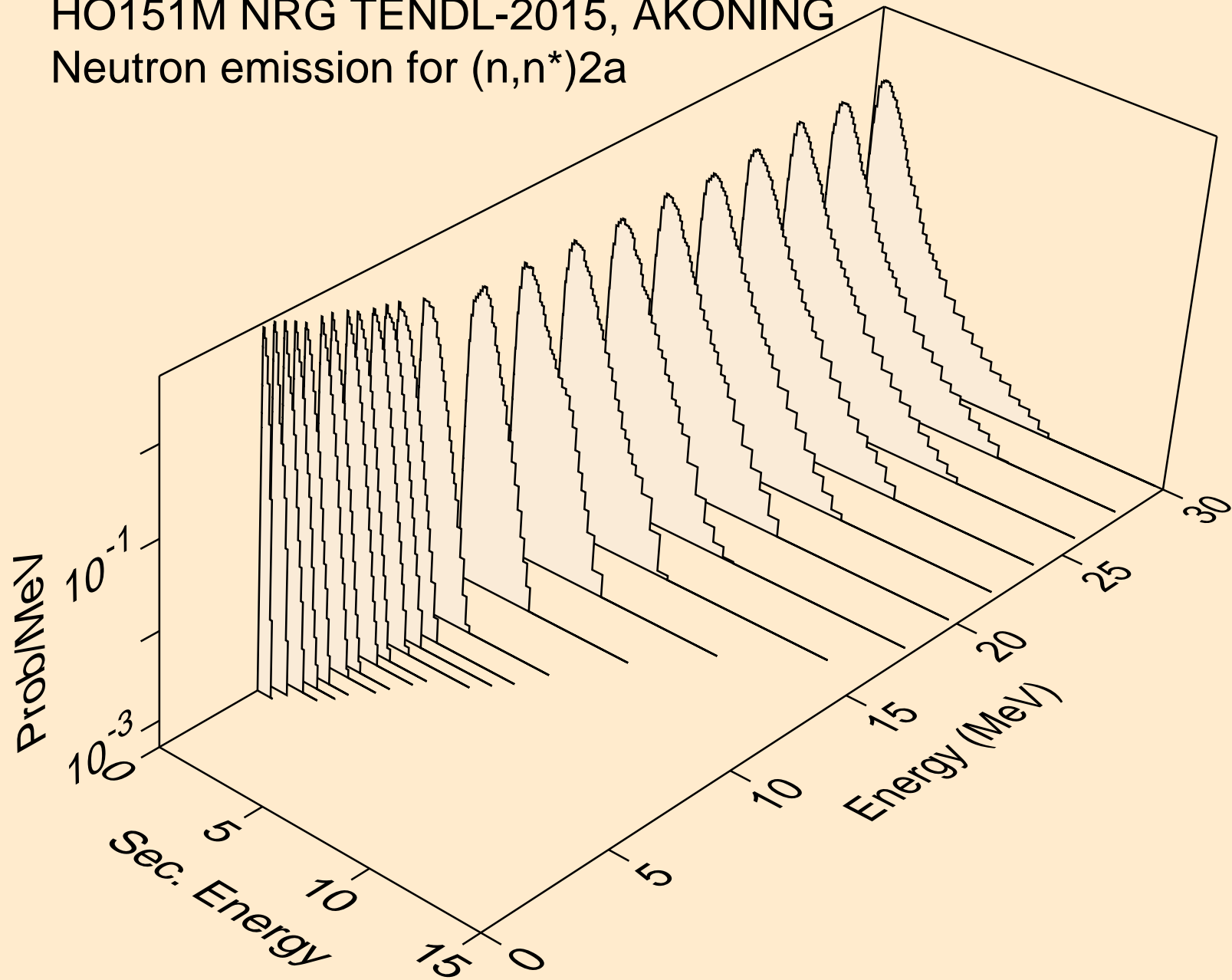
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



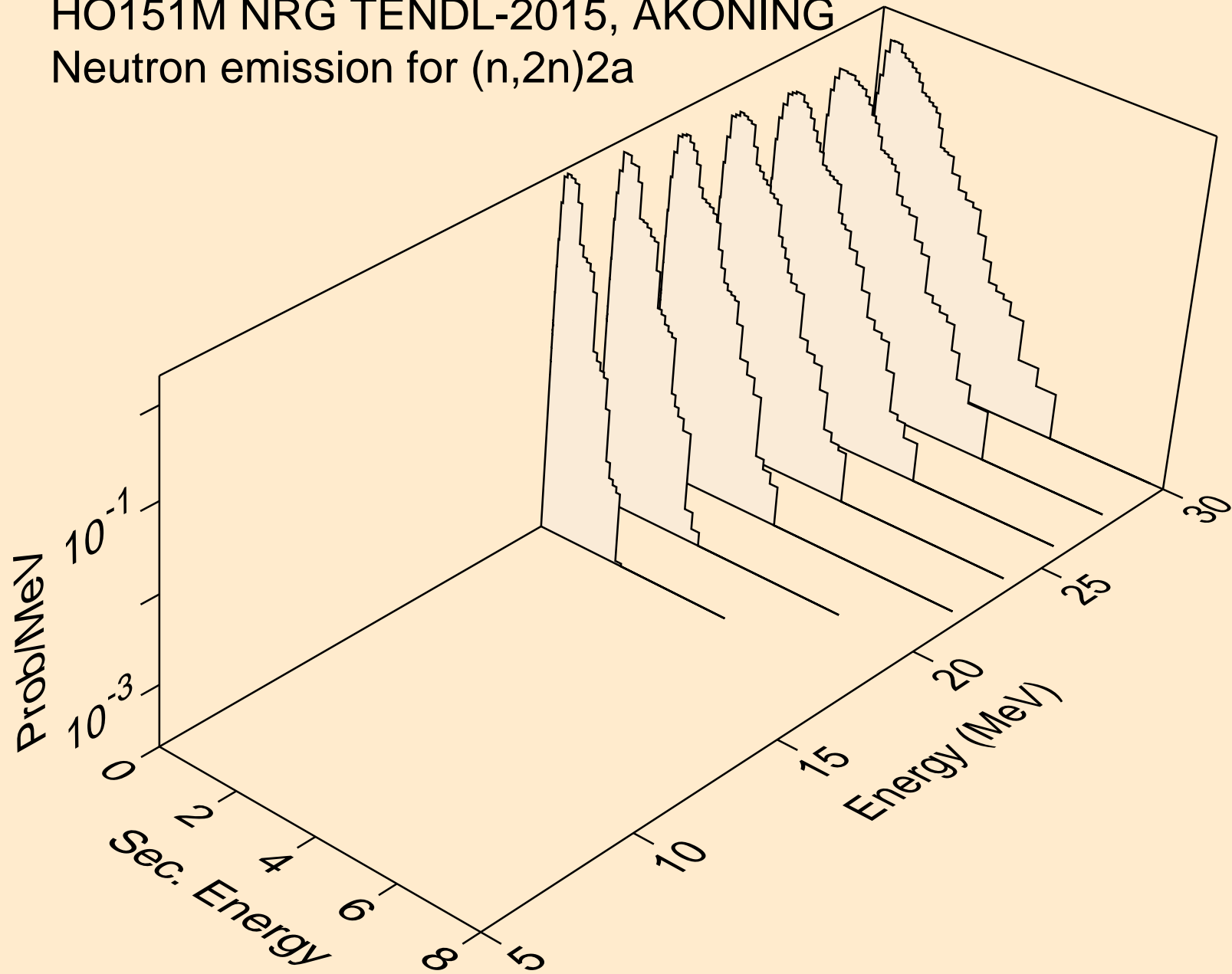
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



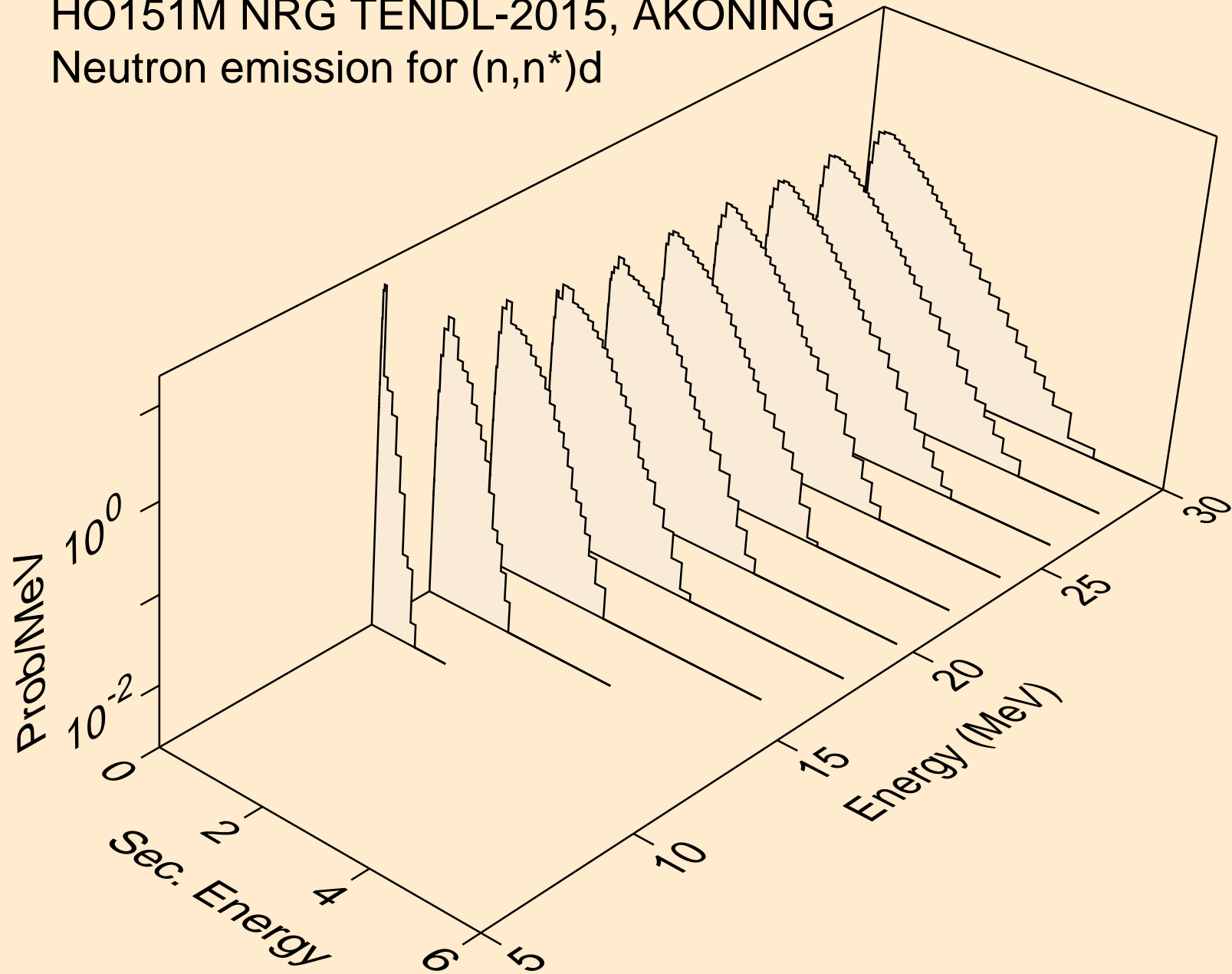
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



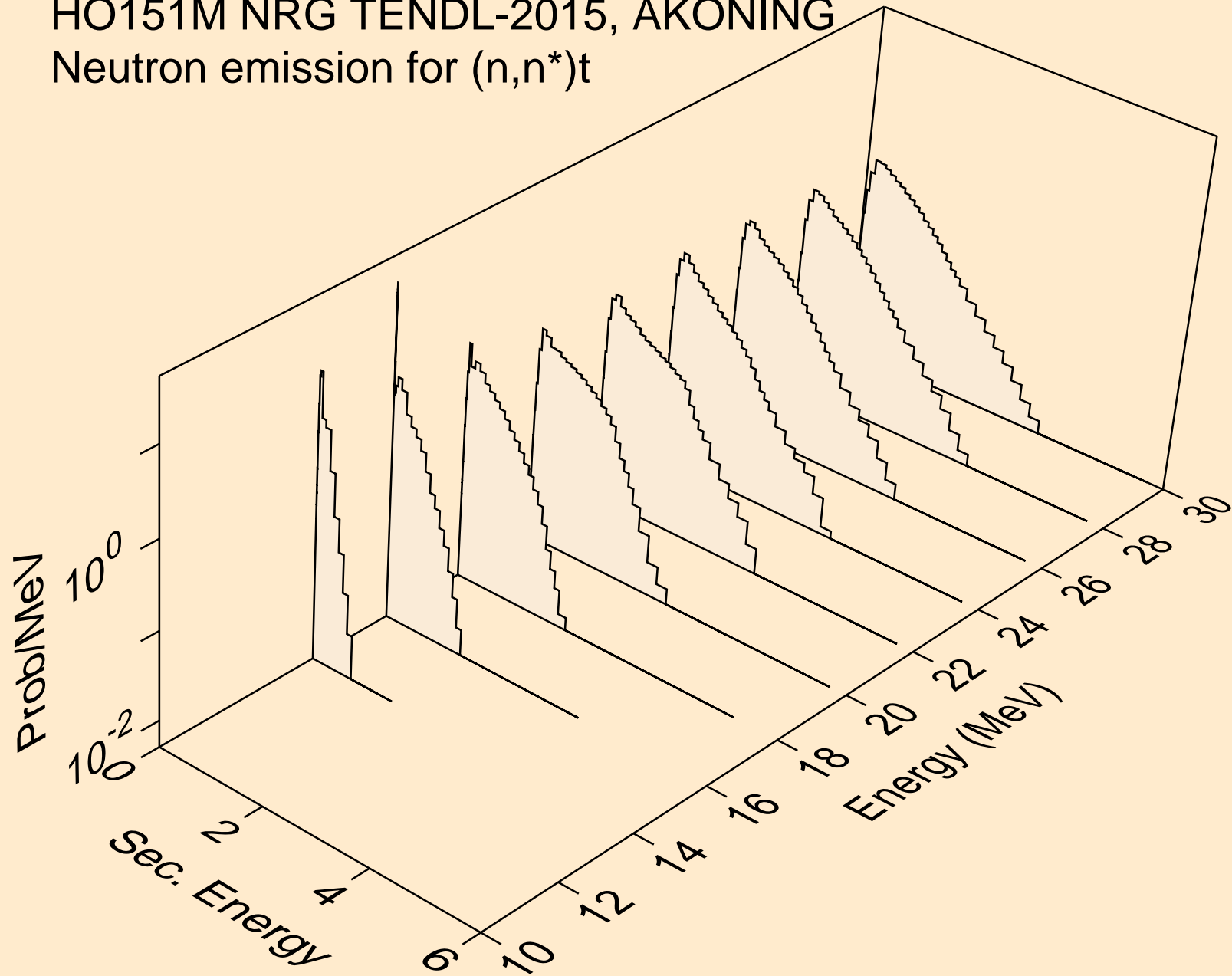
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



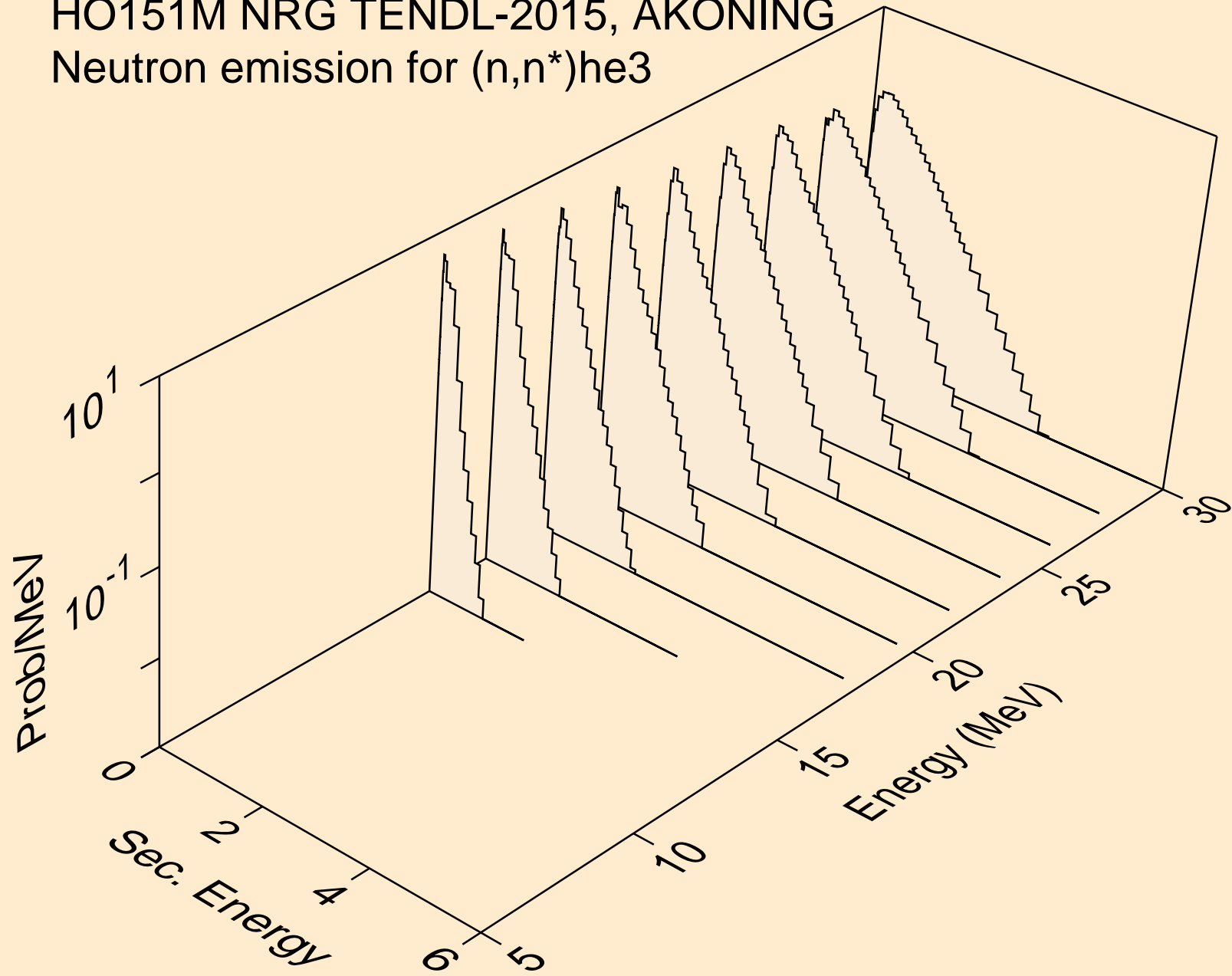
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

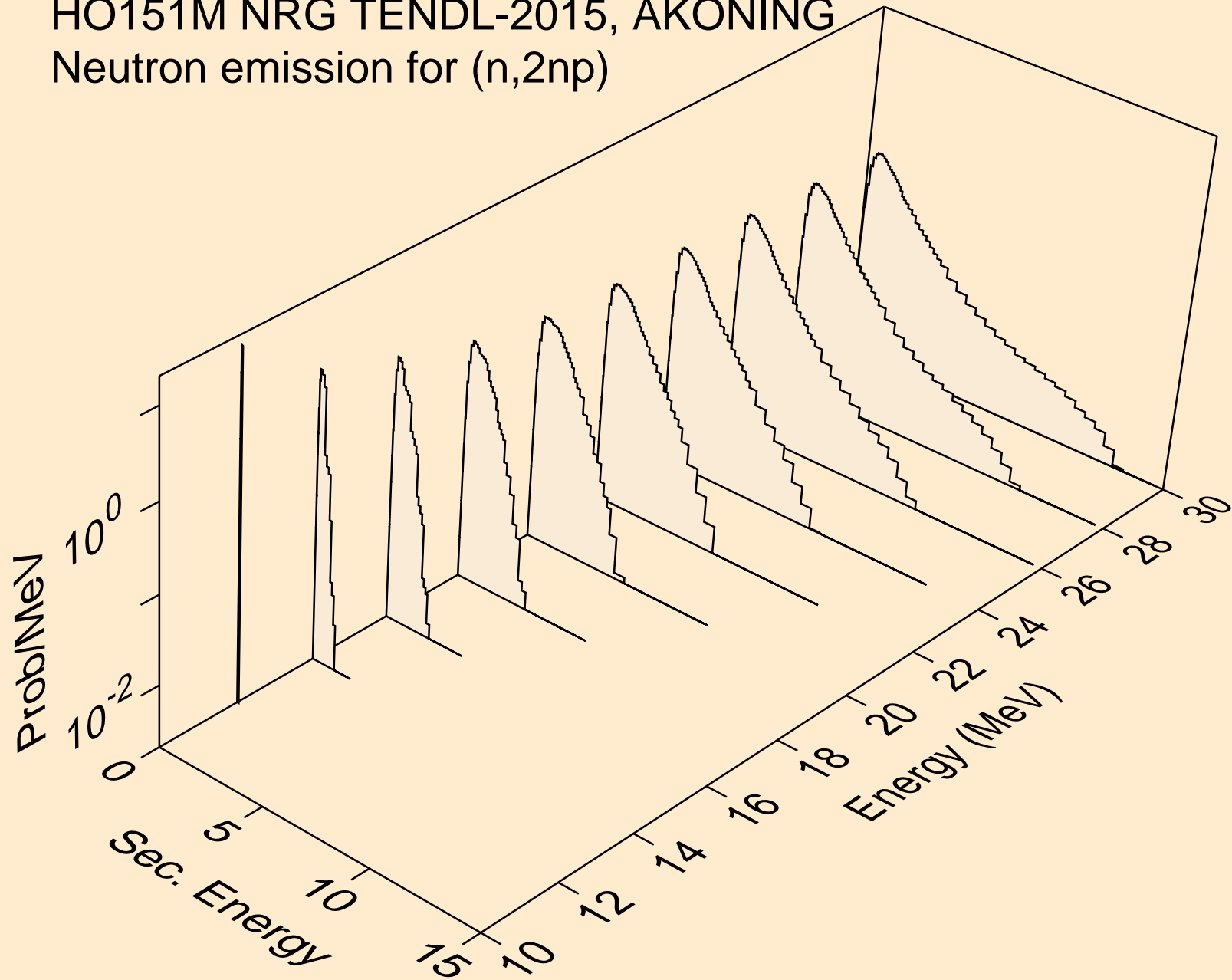


HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

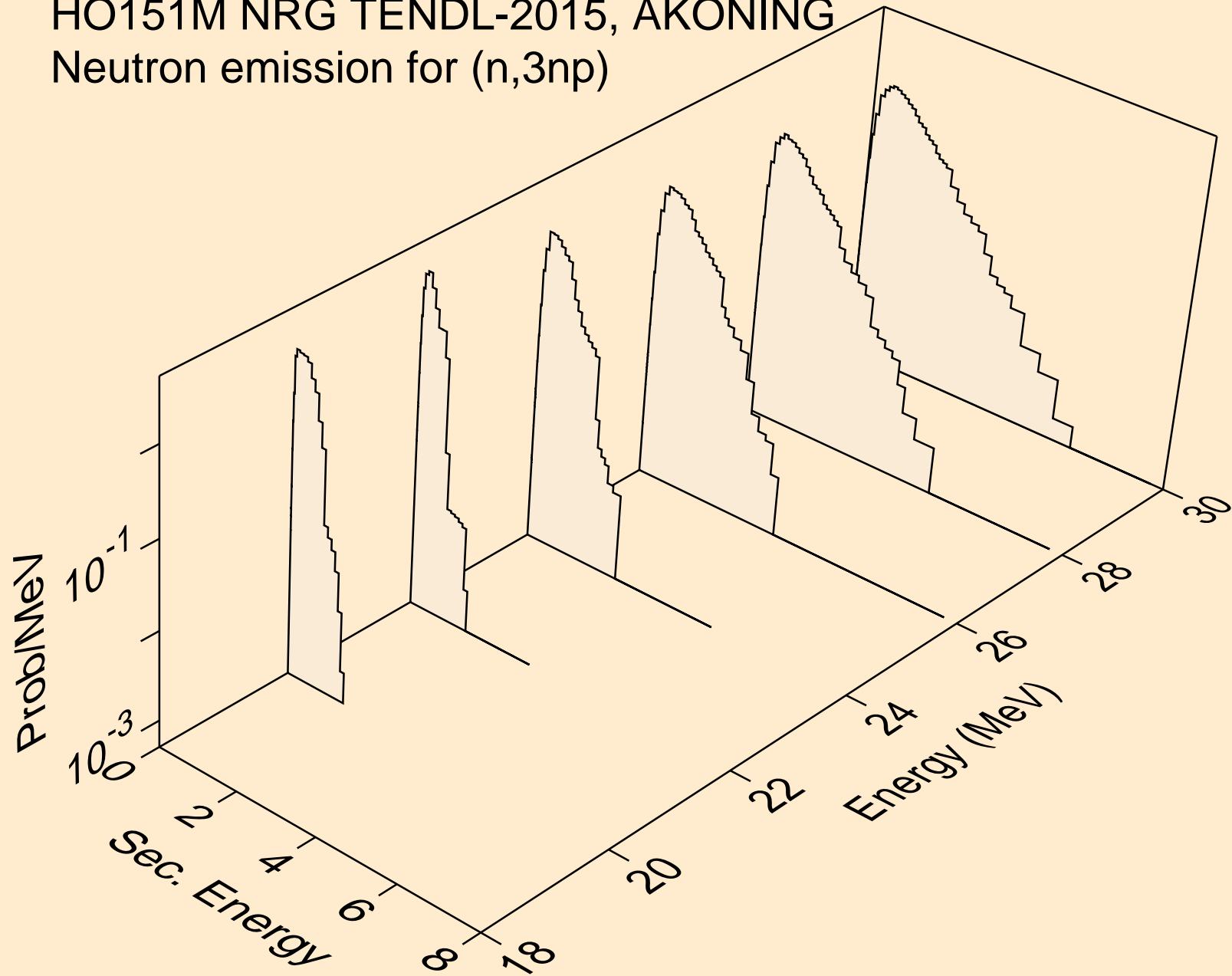




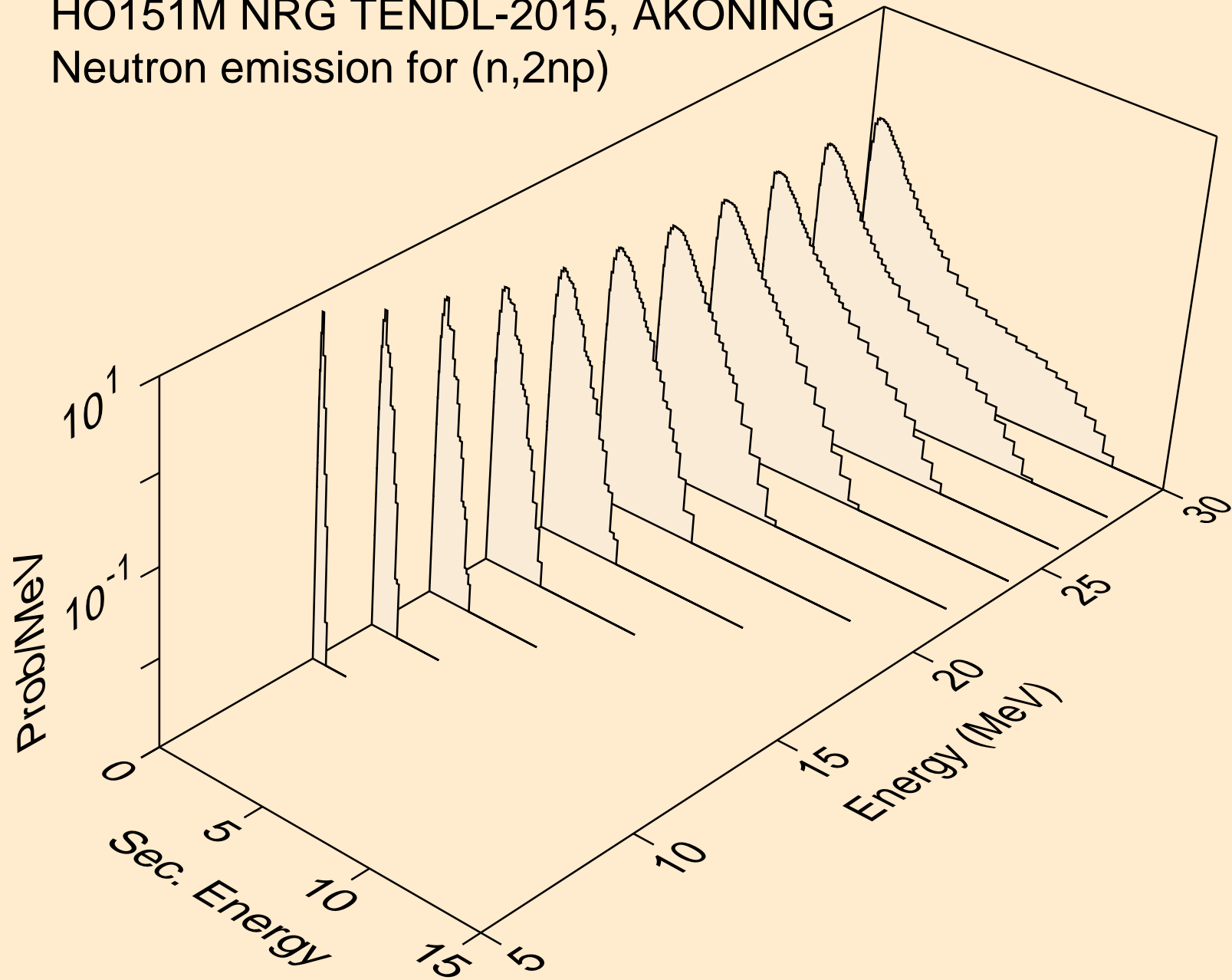
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



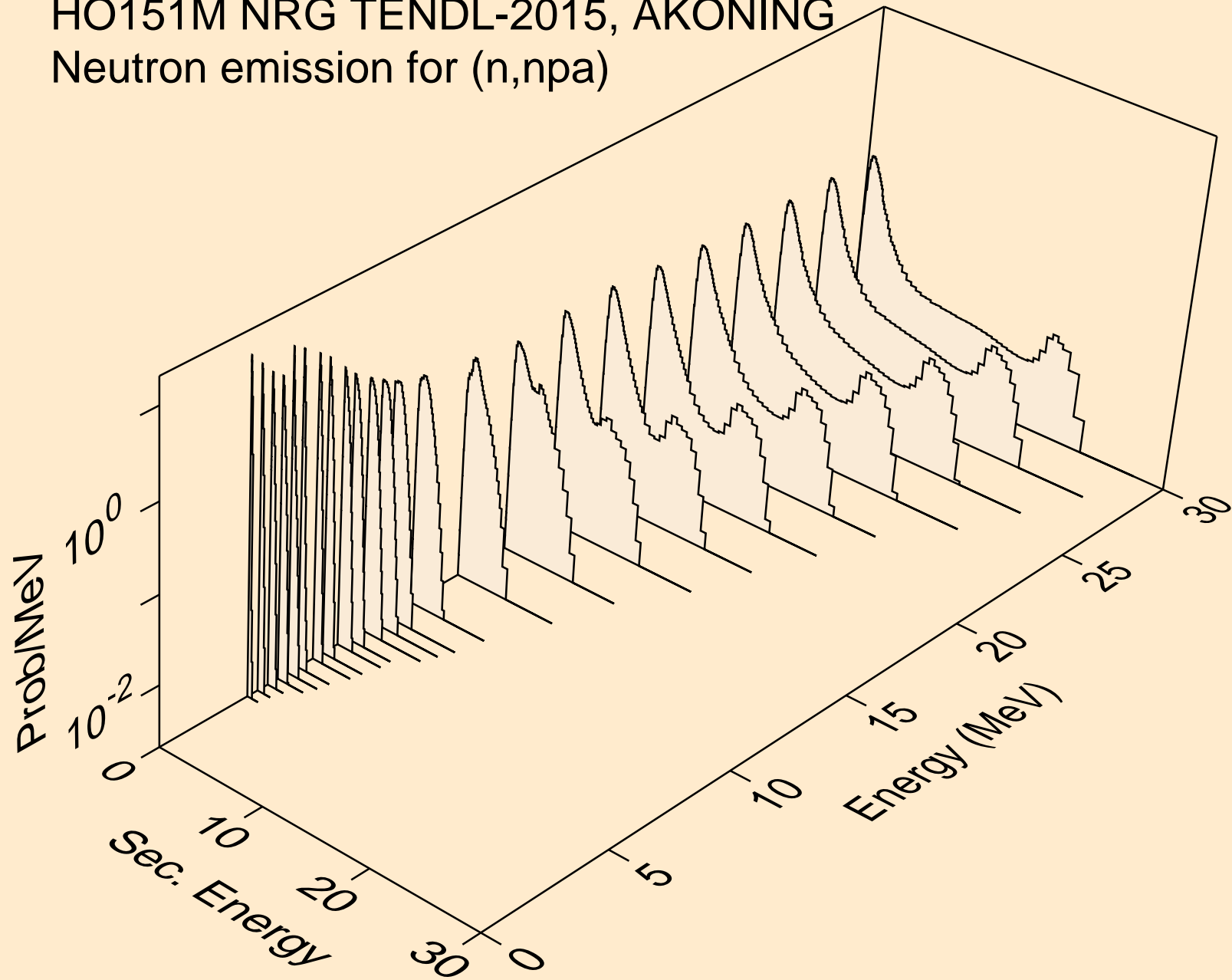
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



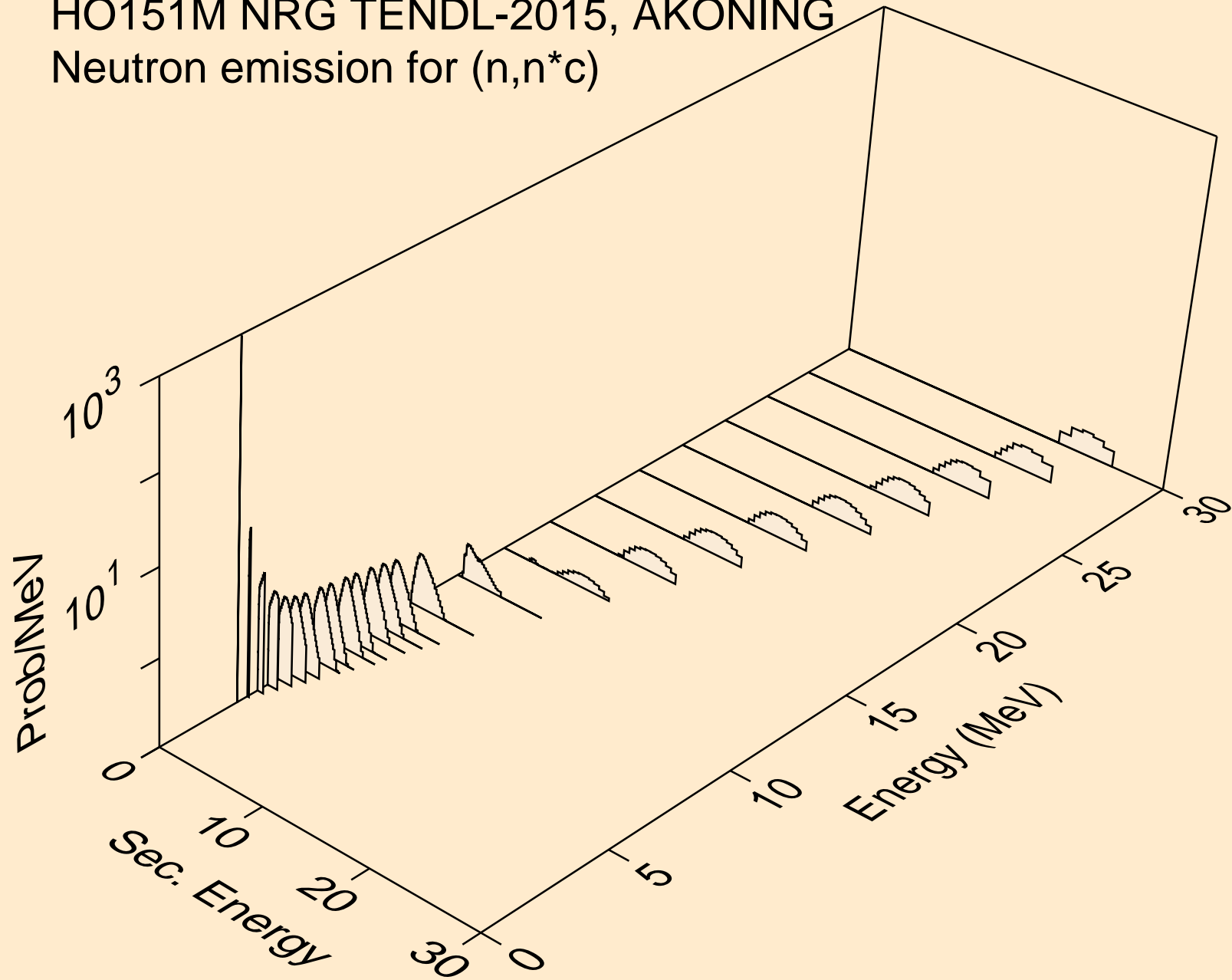
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



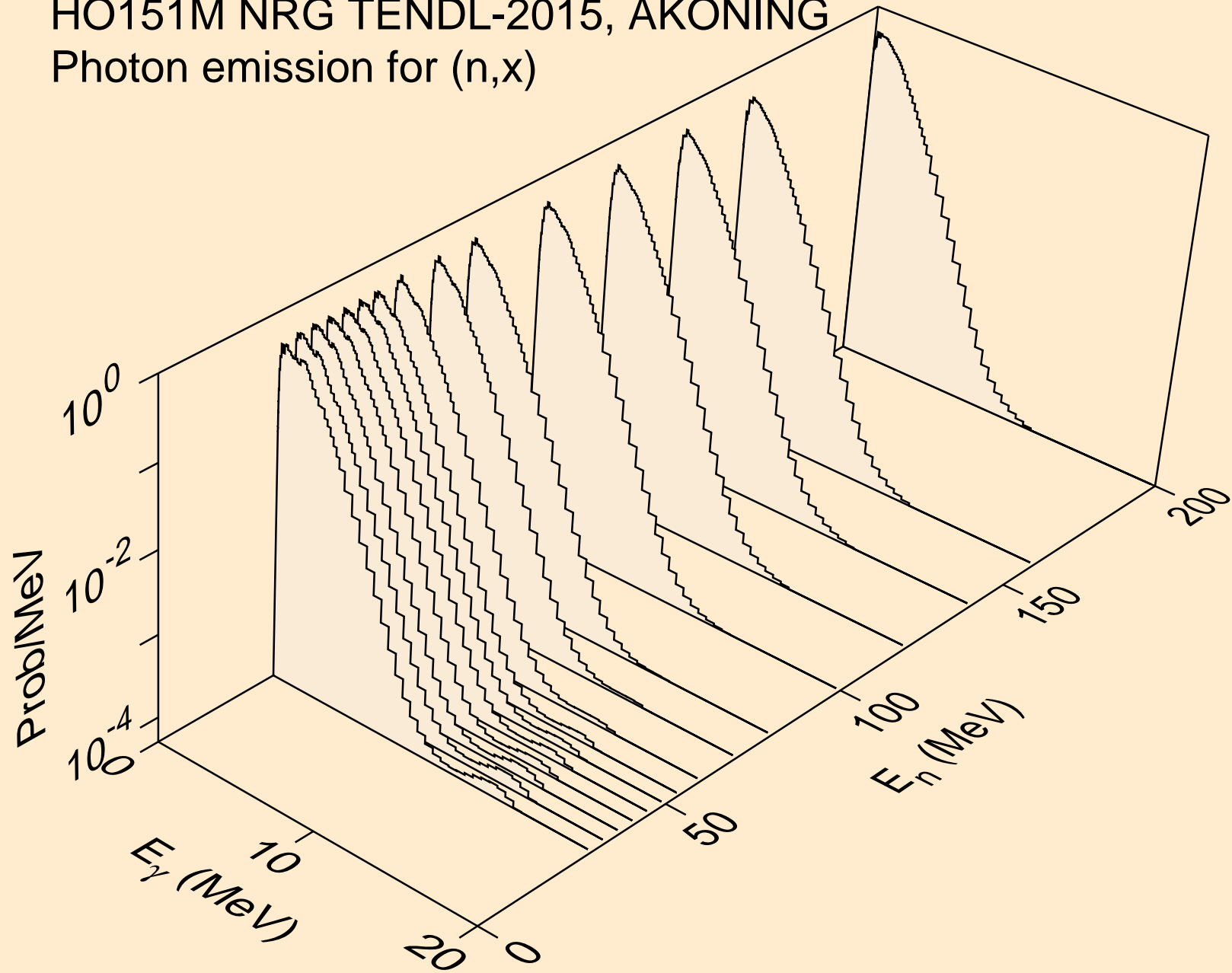
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



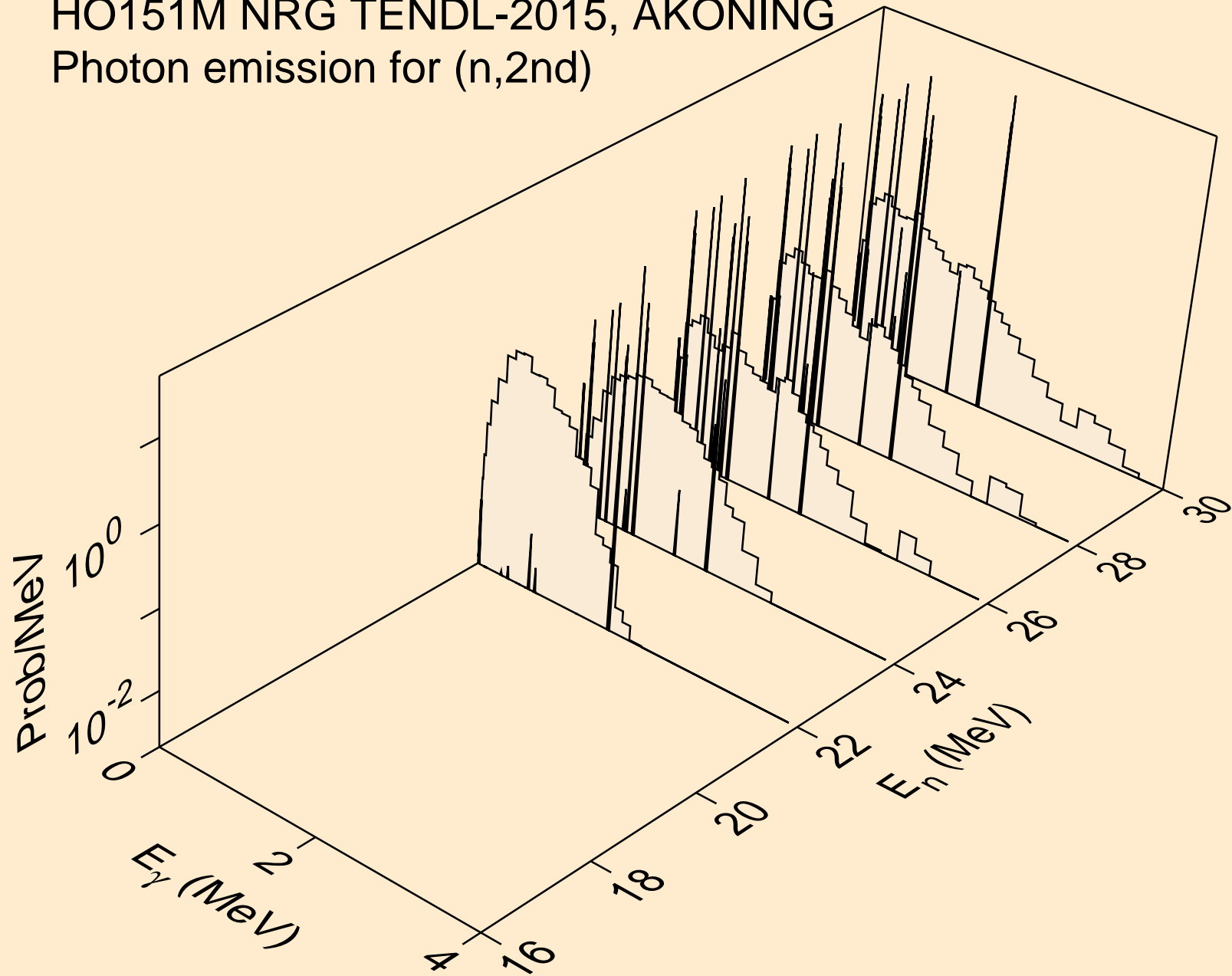
HO151M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



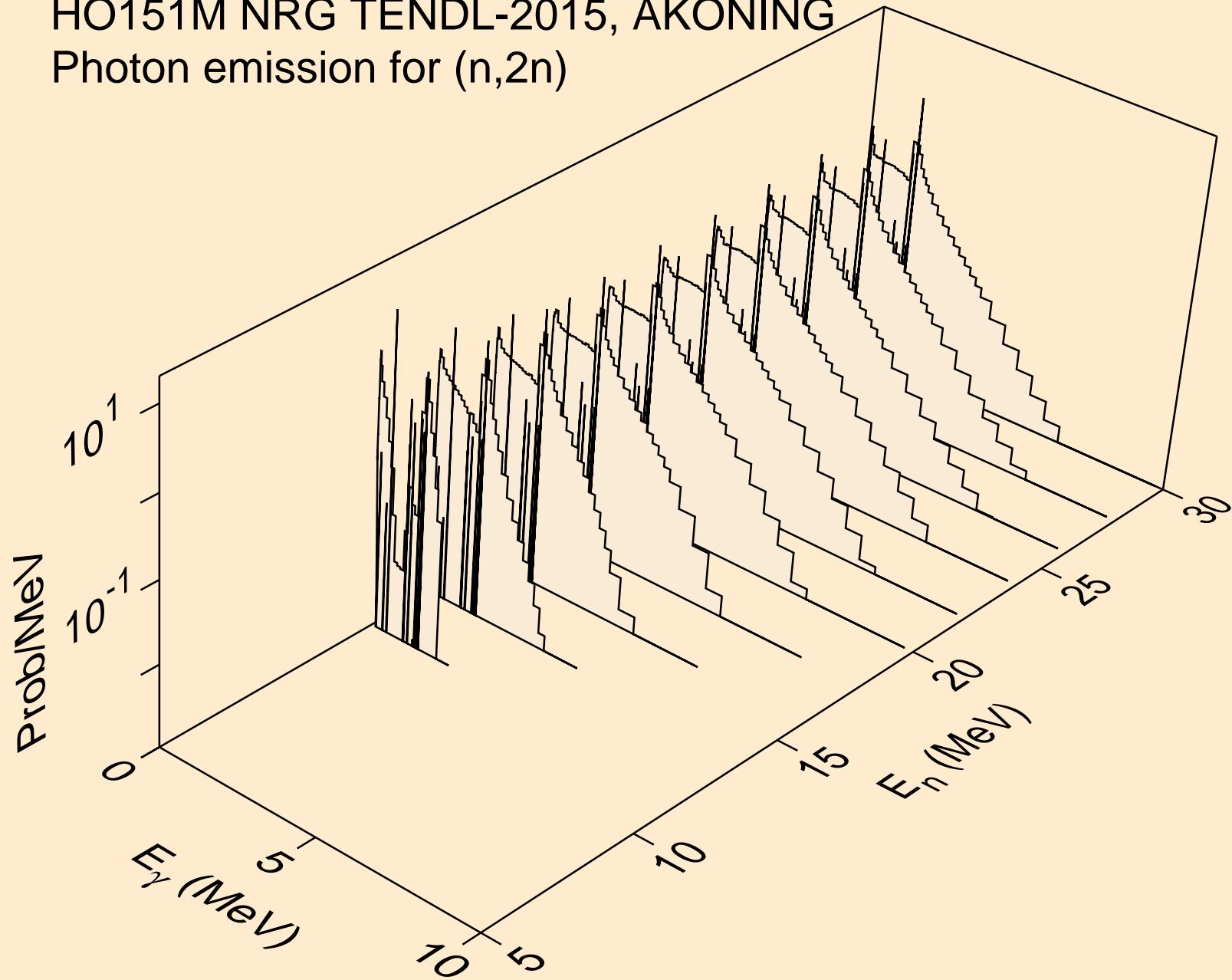
HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

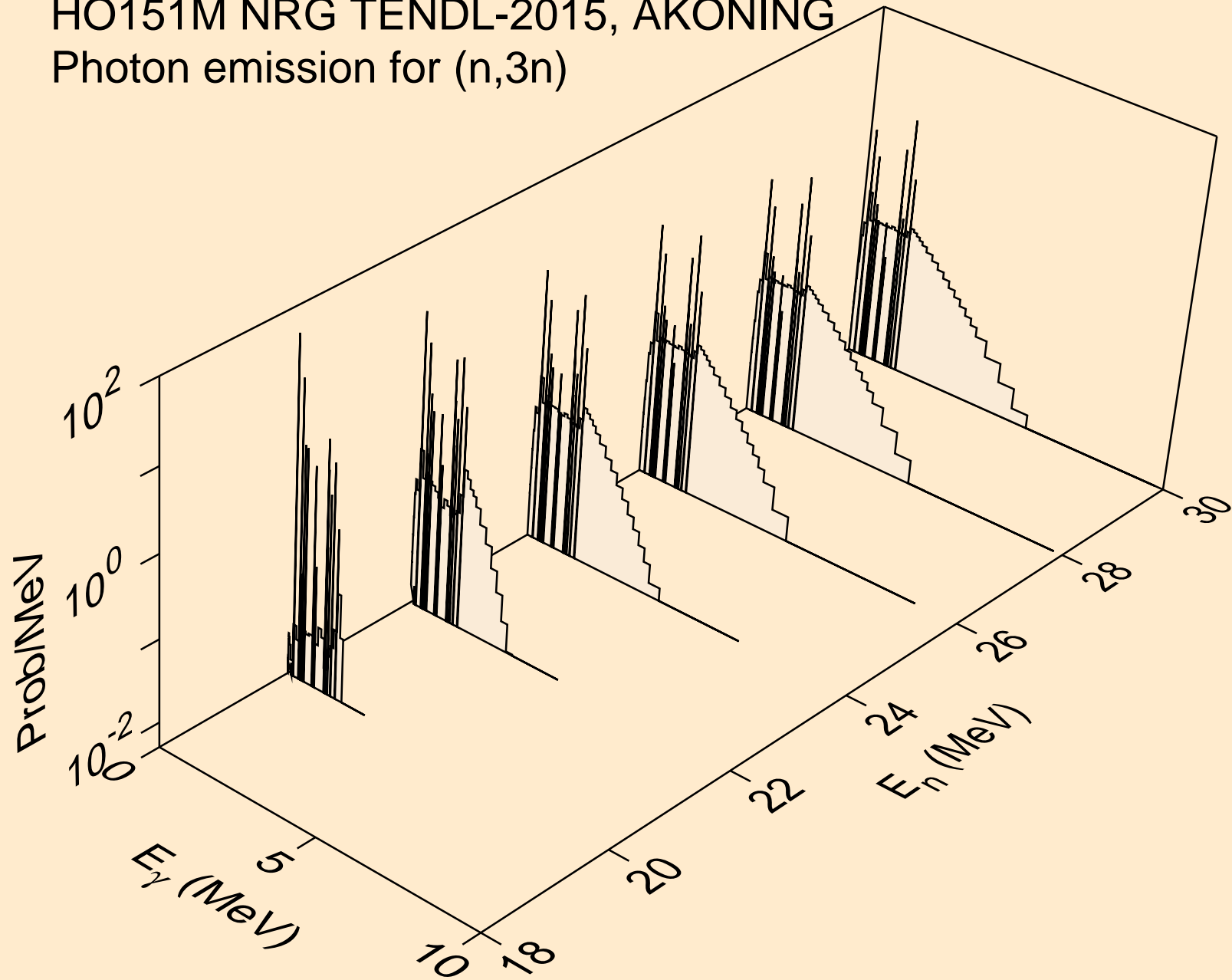


HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

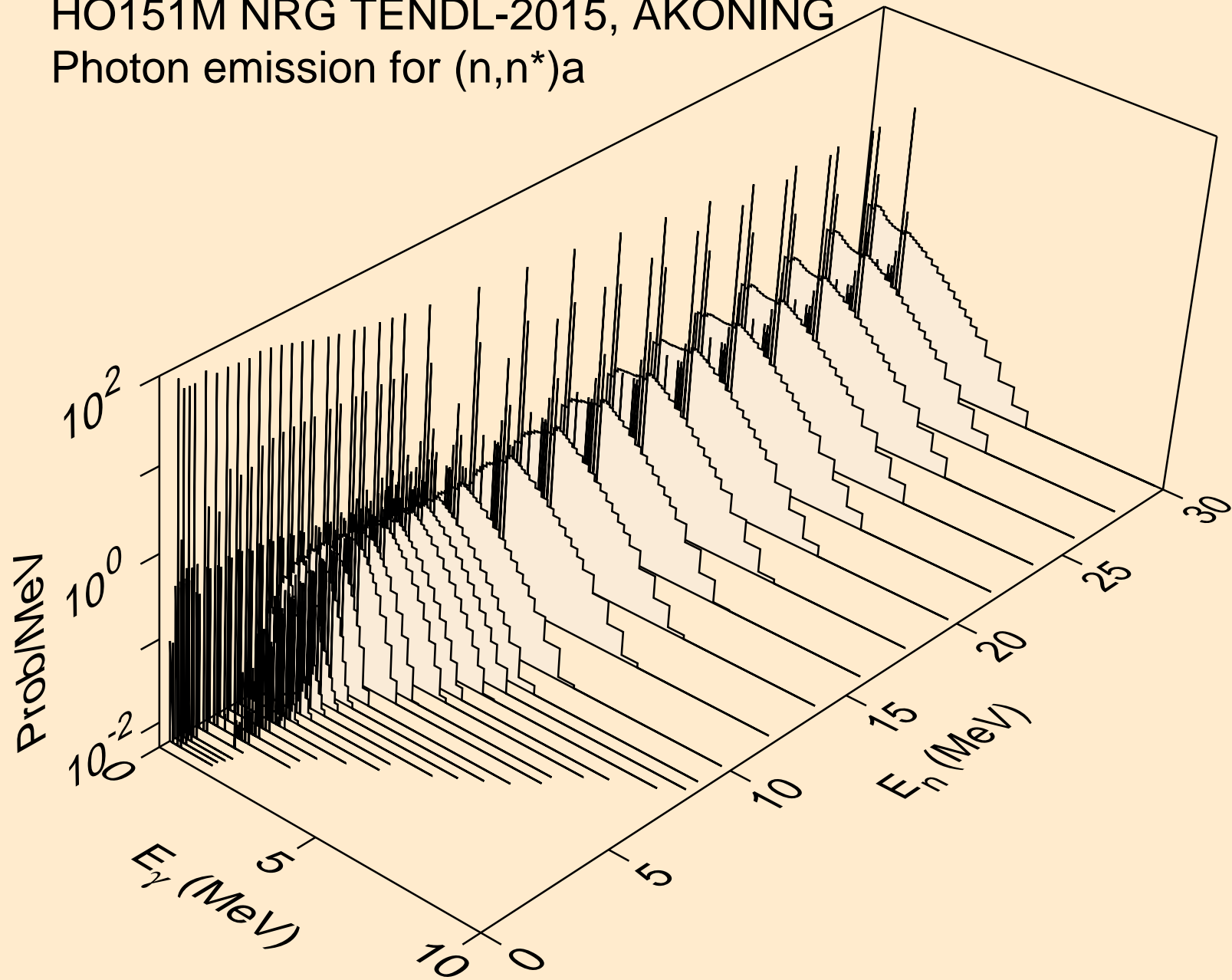




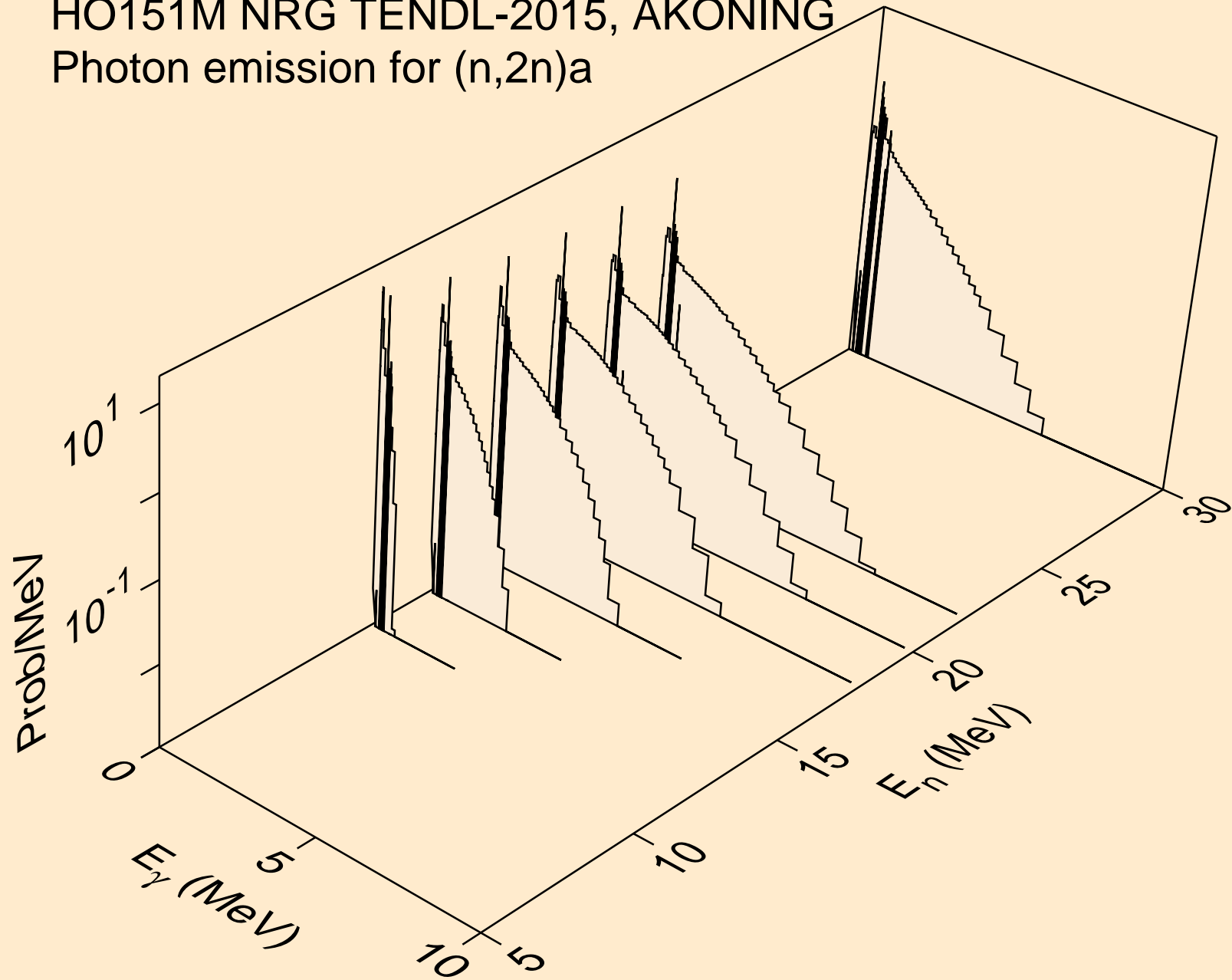
HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



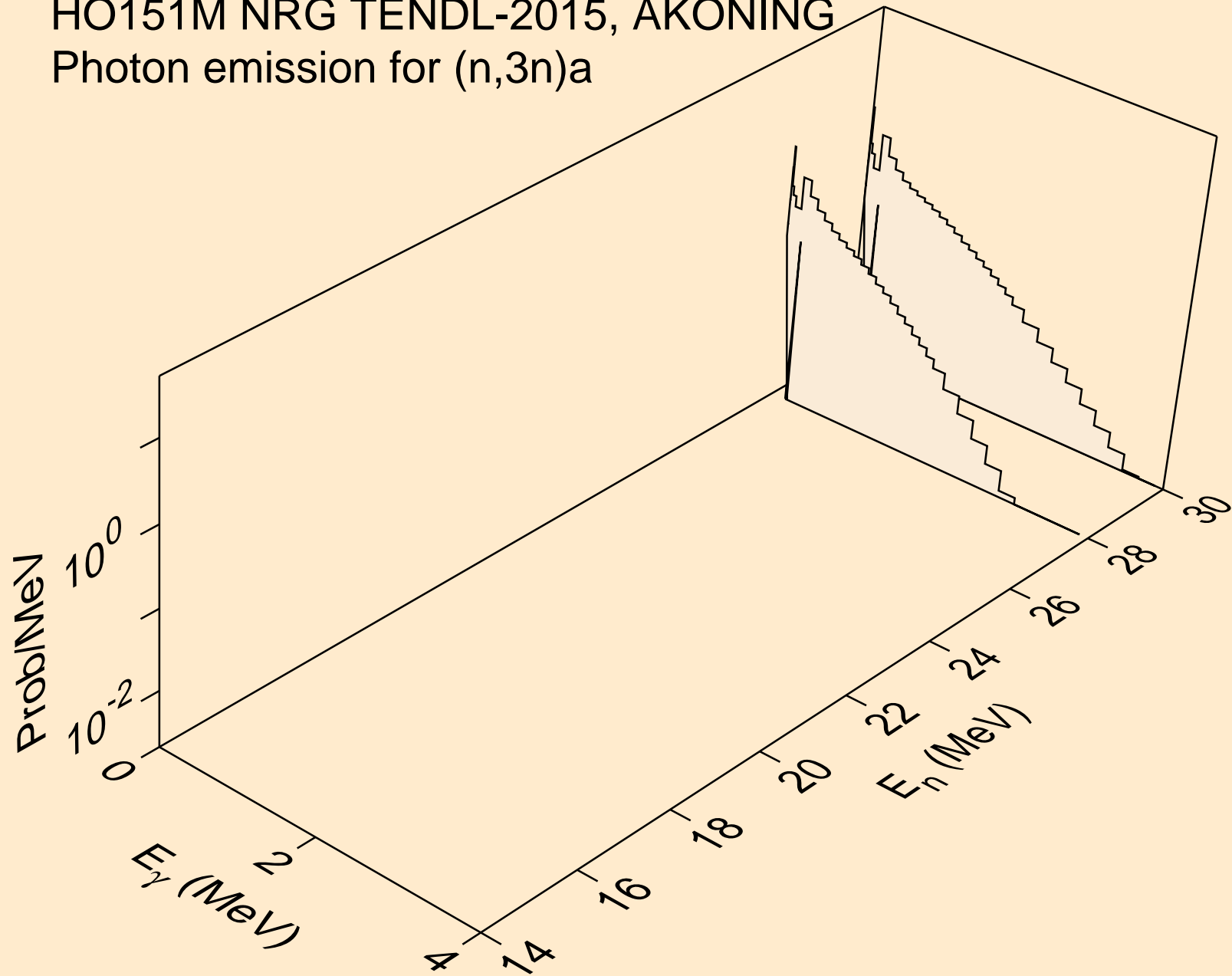
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Photon emission for (n,n\*)a



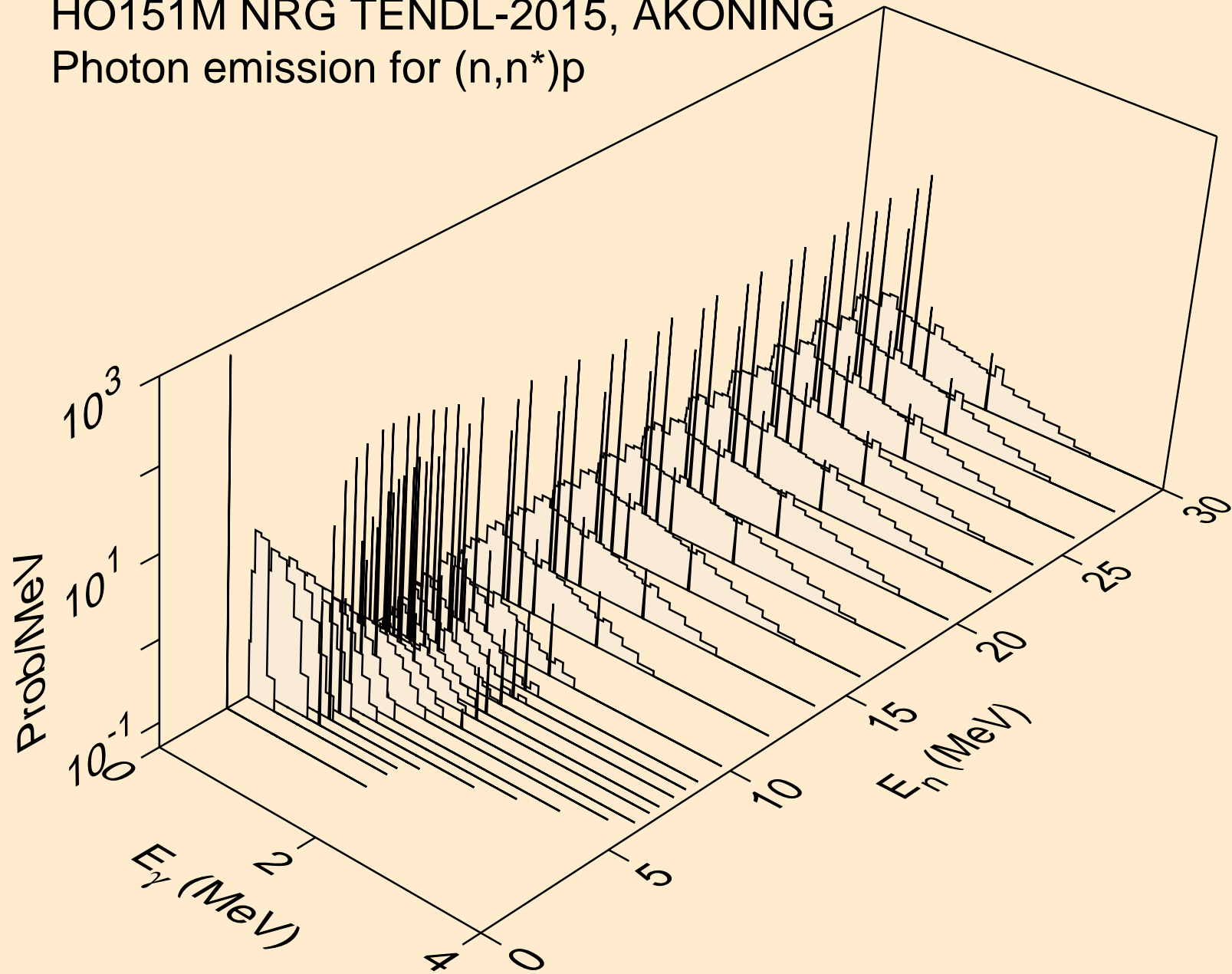
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Photon emission for (n,2n)a



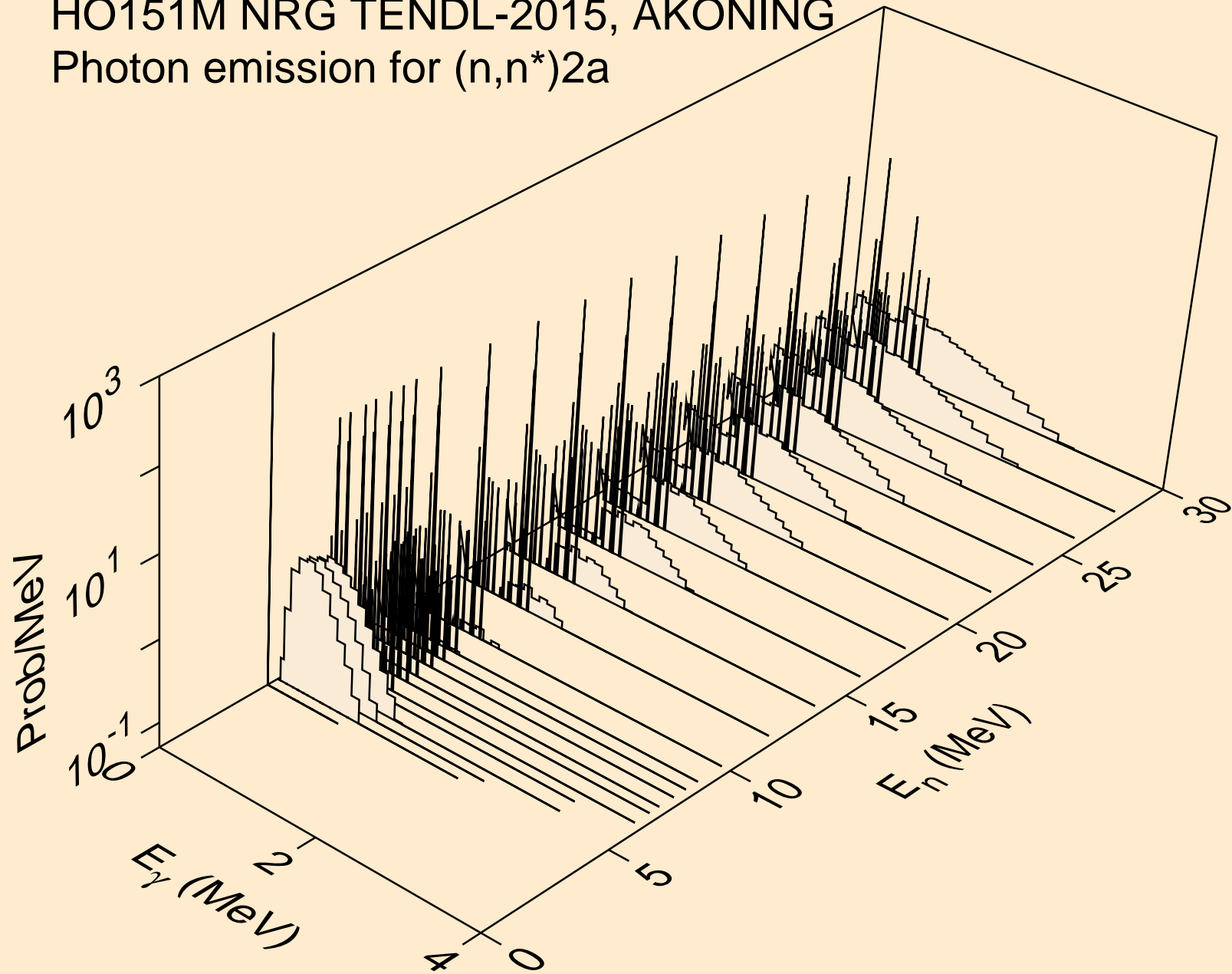
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Photon emission for (n,3n)a



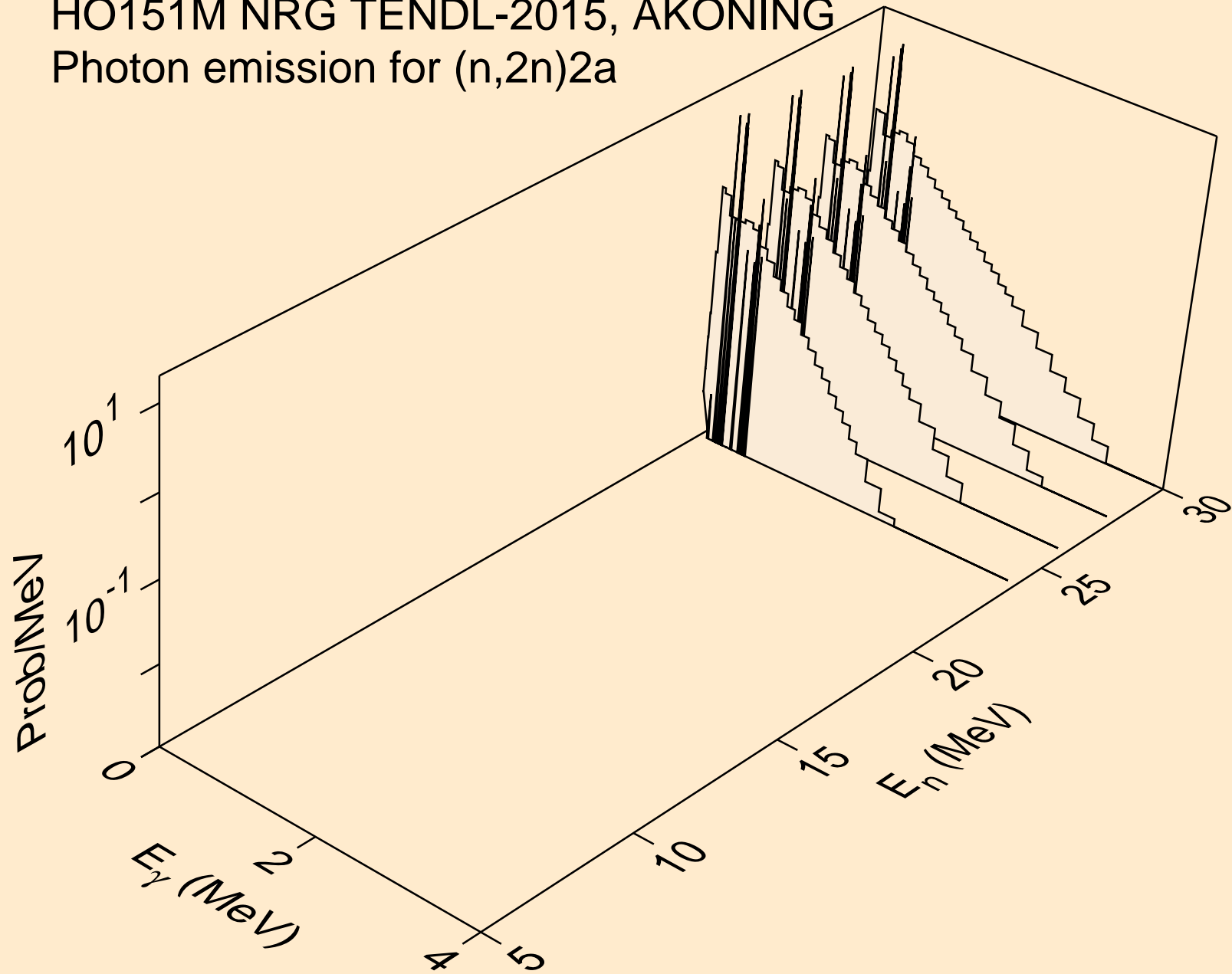
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Photon emission for (n,n\*)p



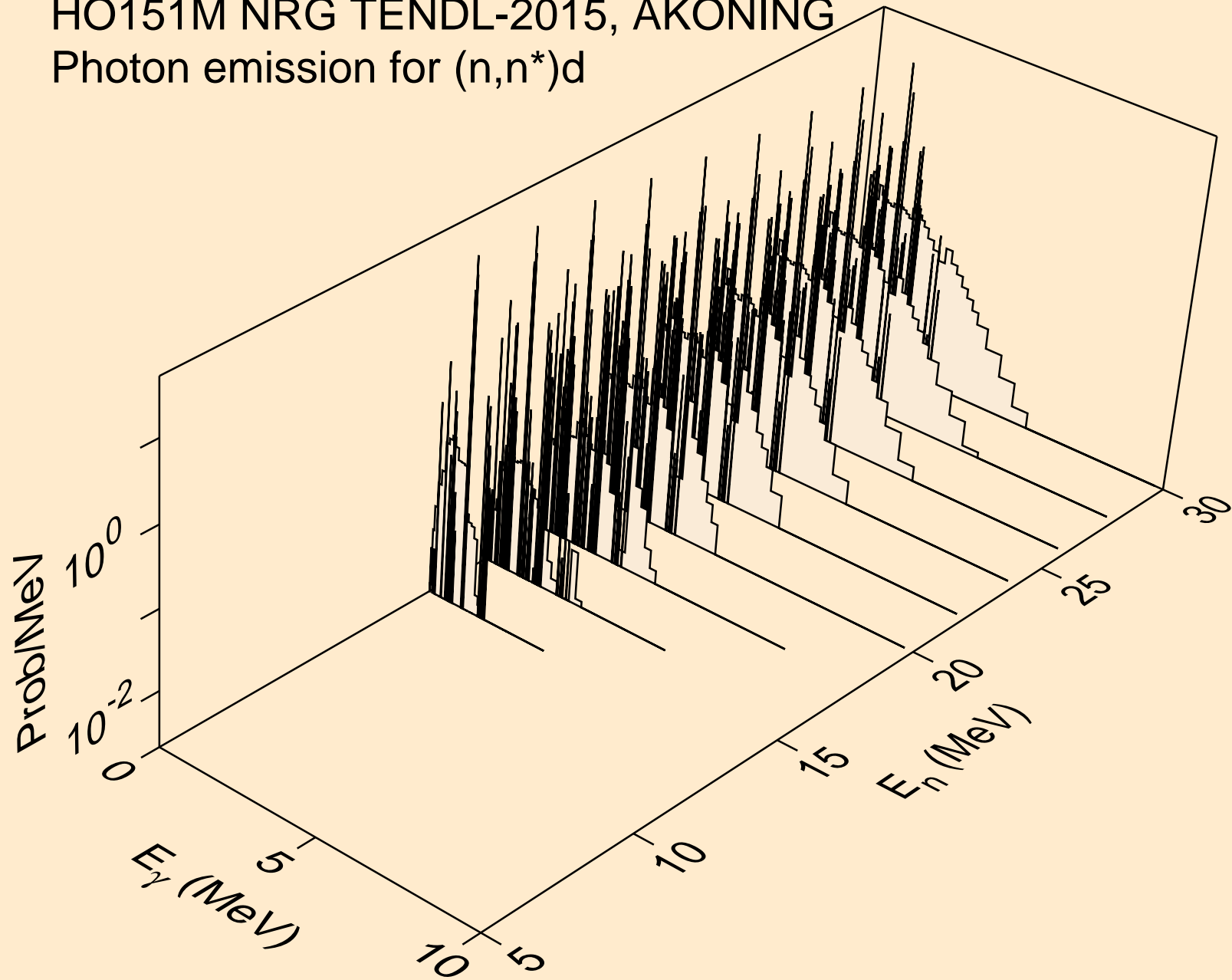
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Photon emission for (n,n\*)2a



HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

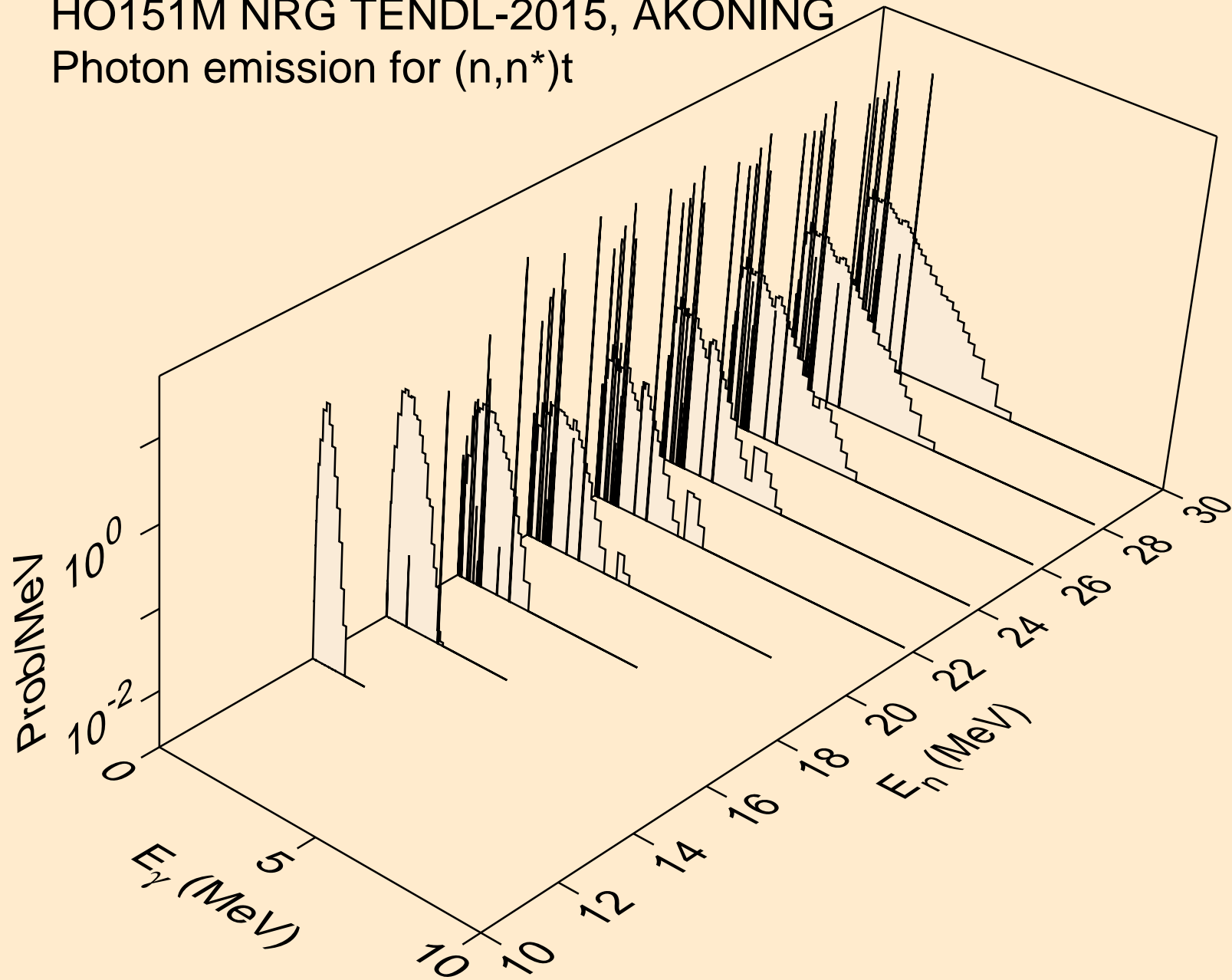


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Photon emission for (n,n\*)d

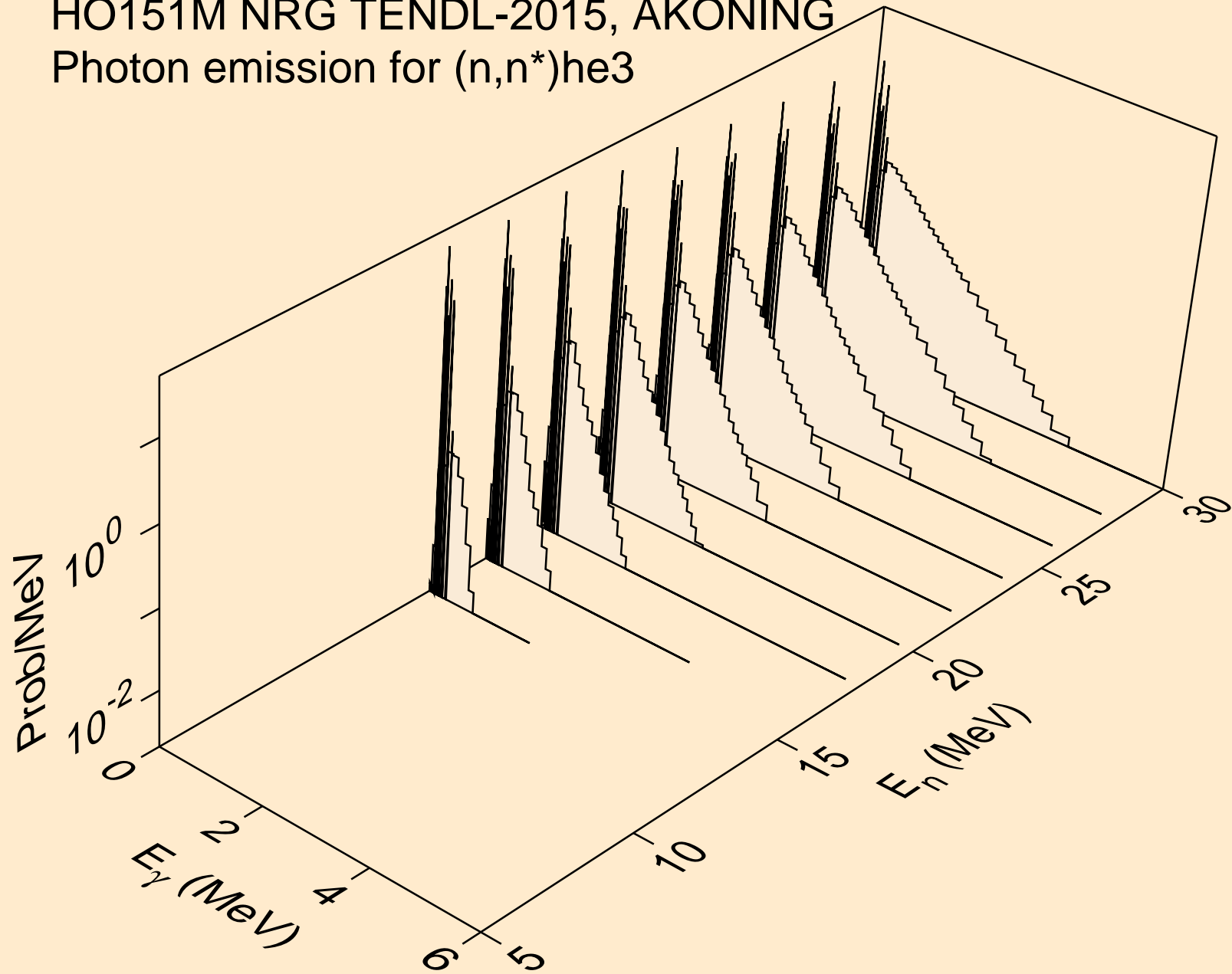




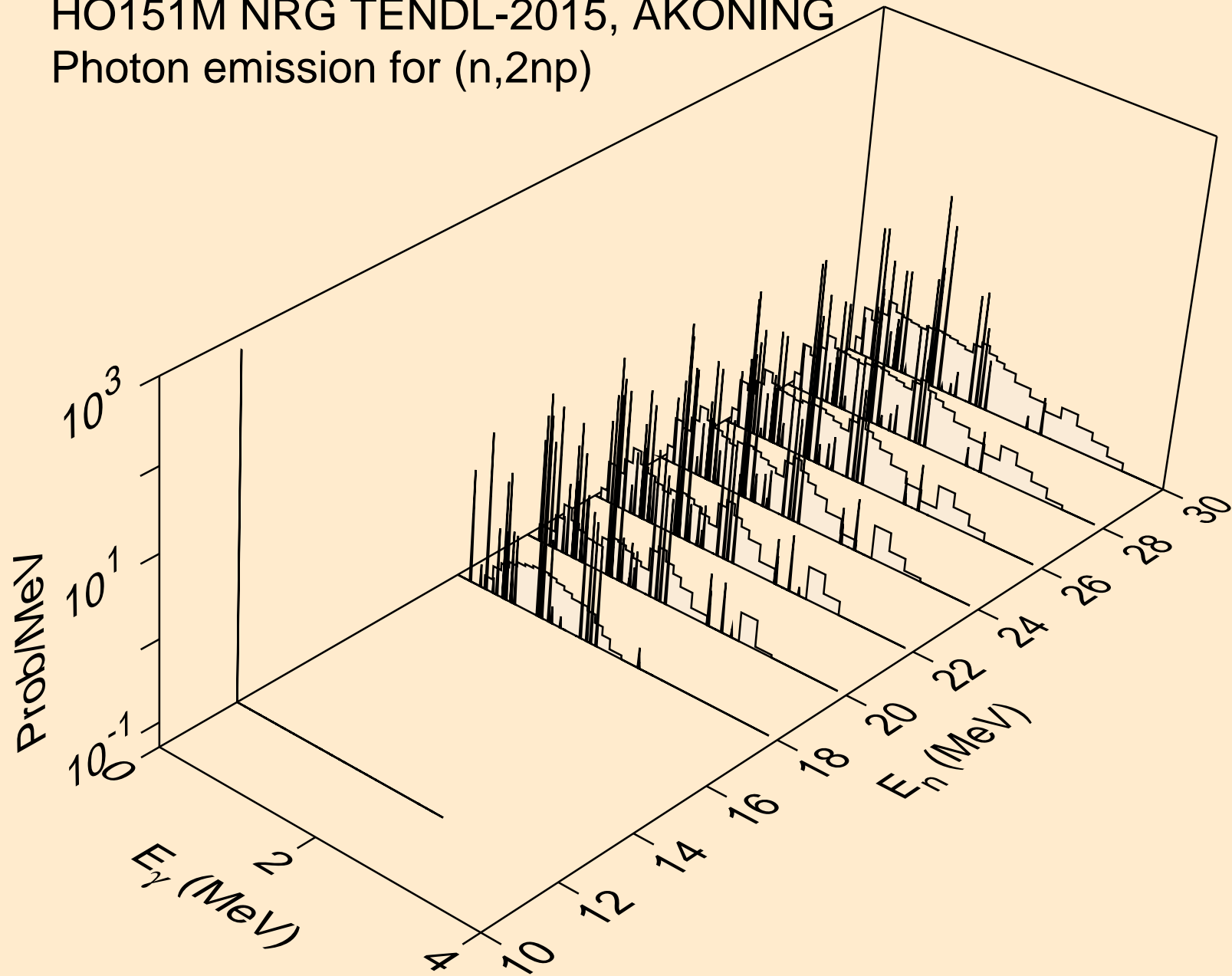
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Photon emission for (n,n\*)t



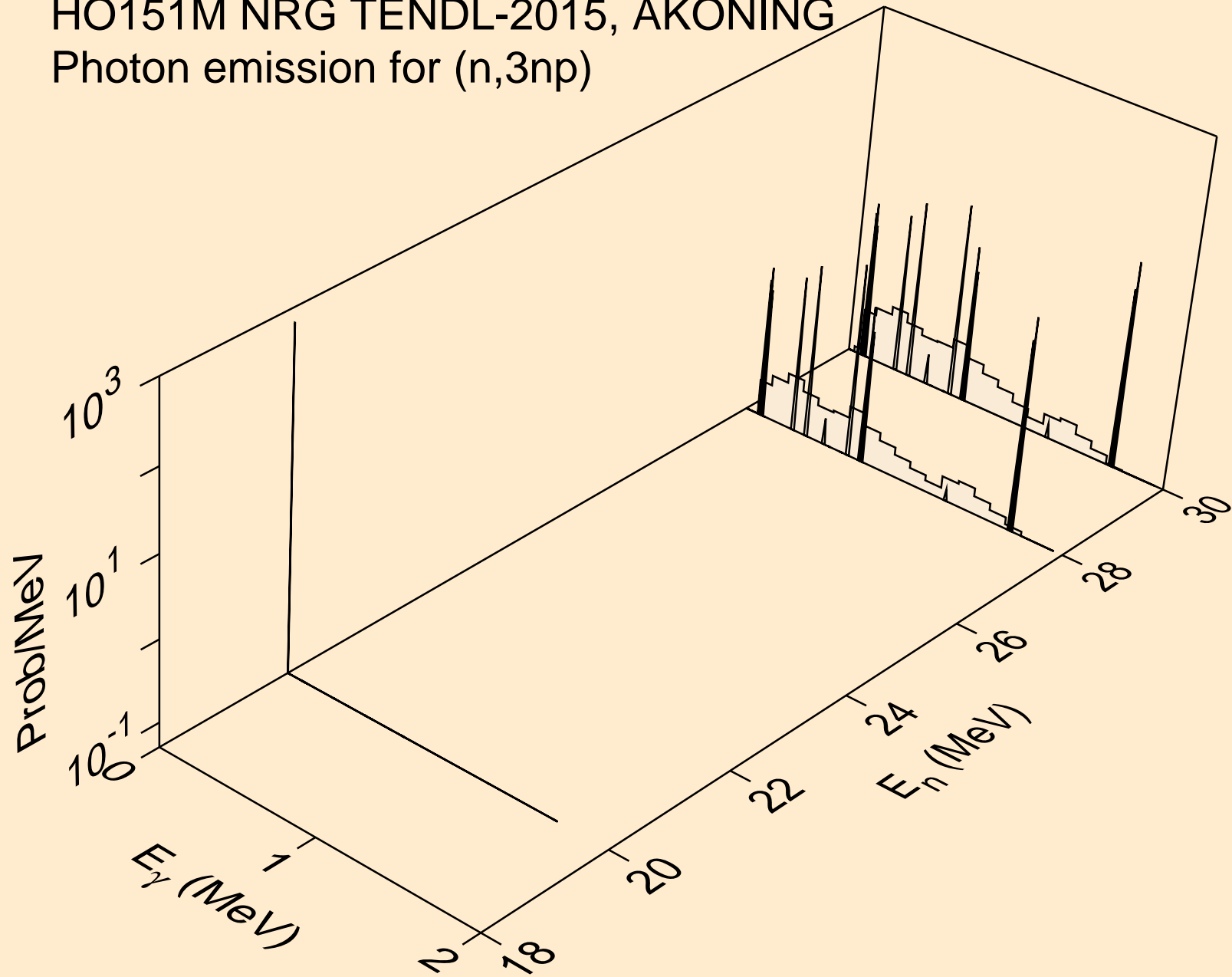
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Photon emission for (n,n\*)he3



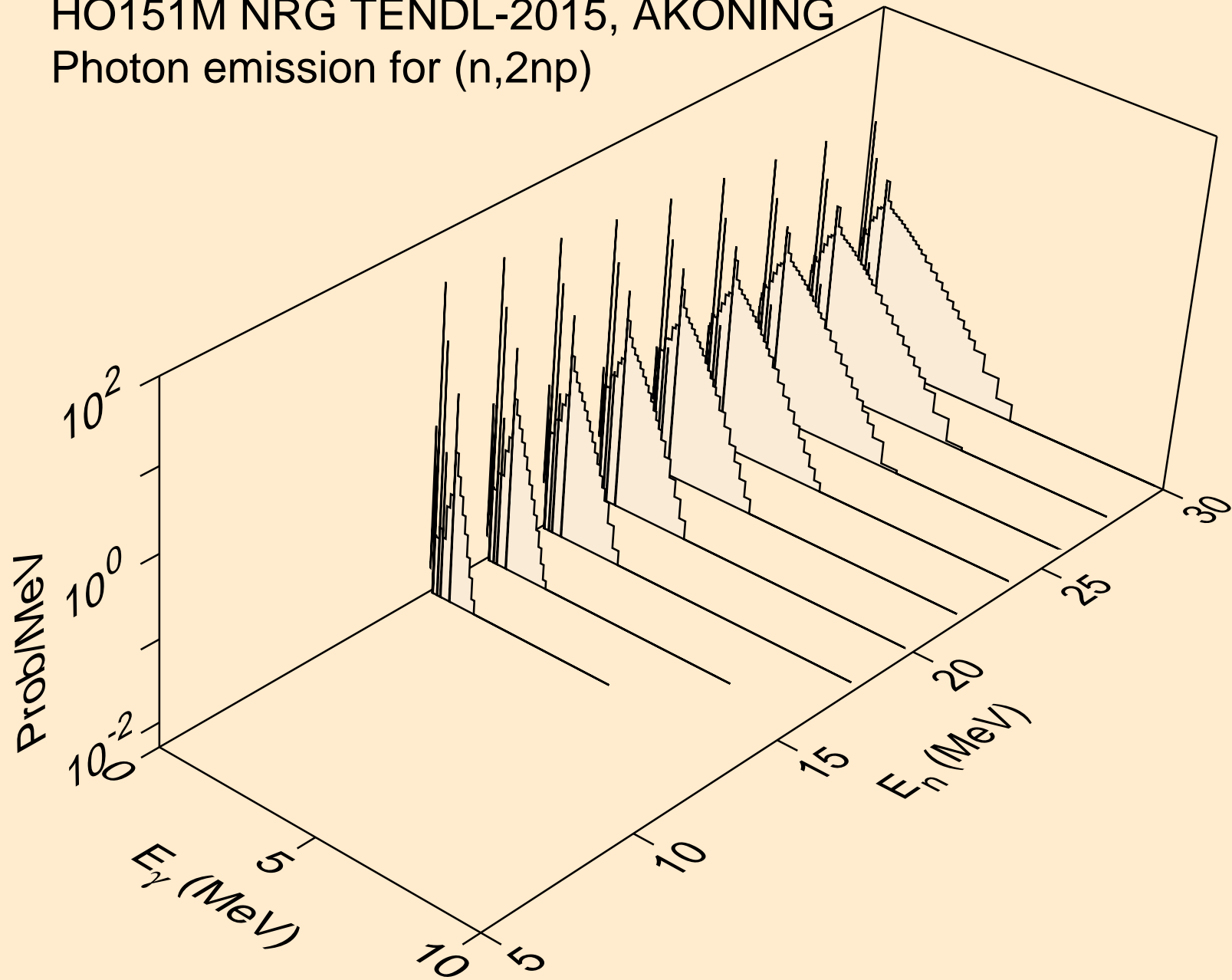
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Photon emission for (n,2np)



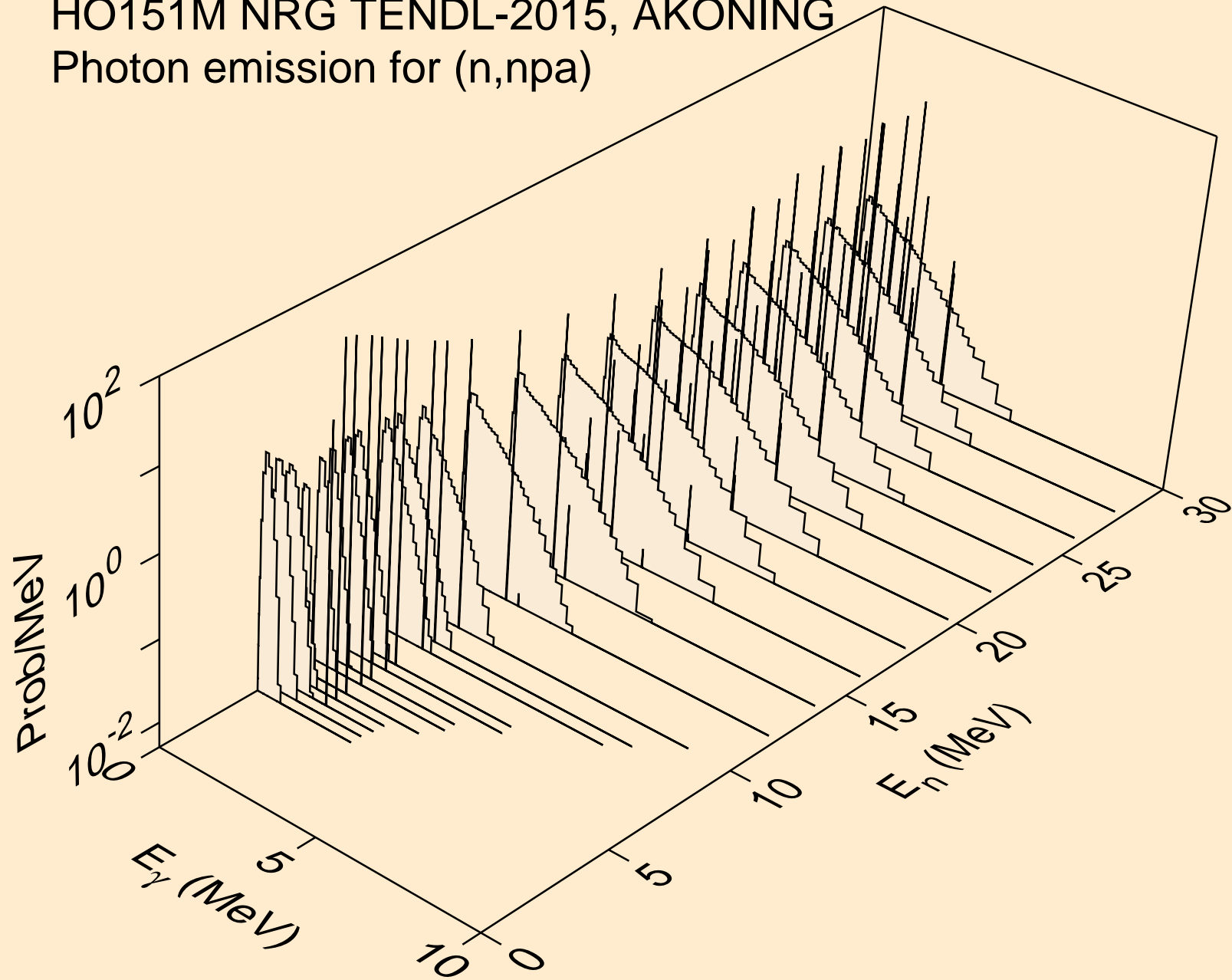
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Photon emission for (n,3np)



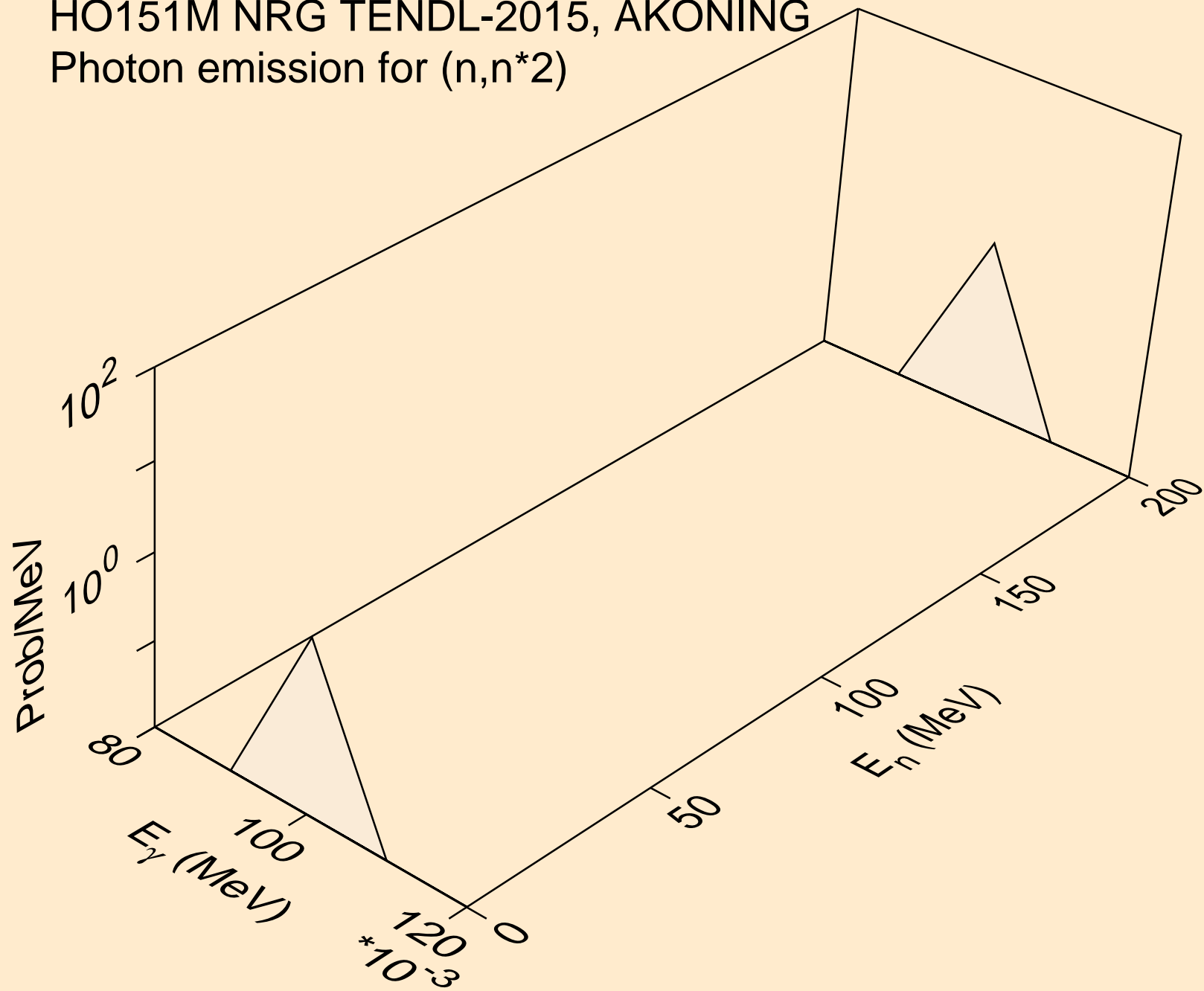
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Photon emission for (n,2np)



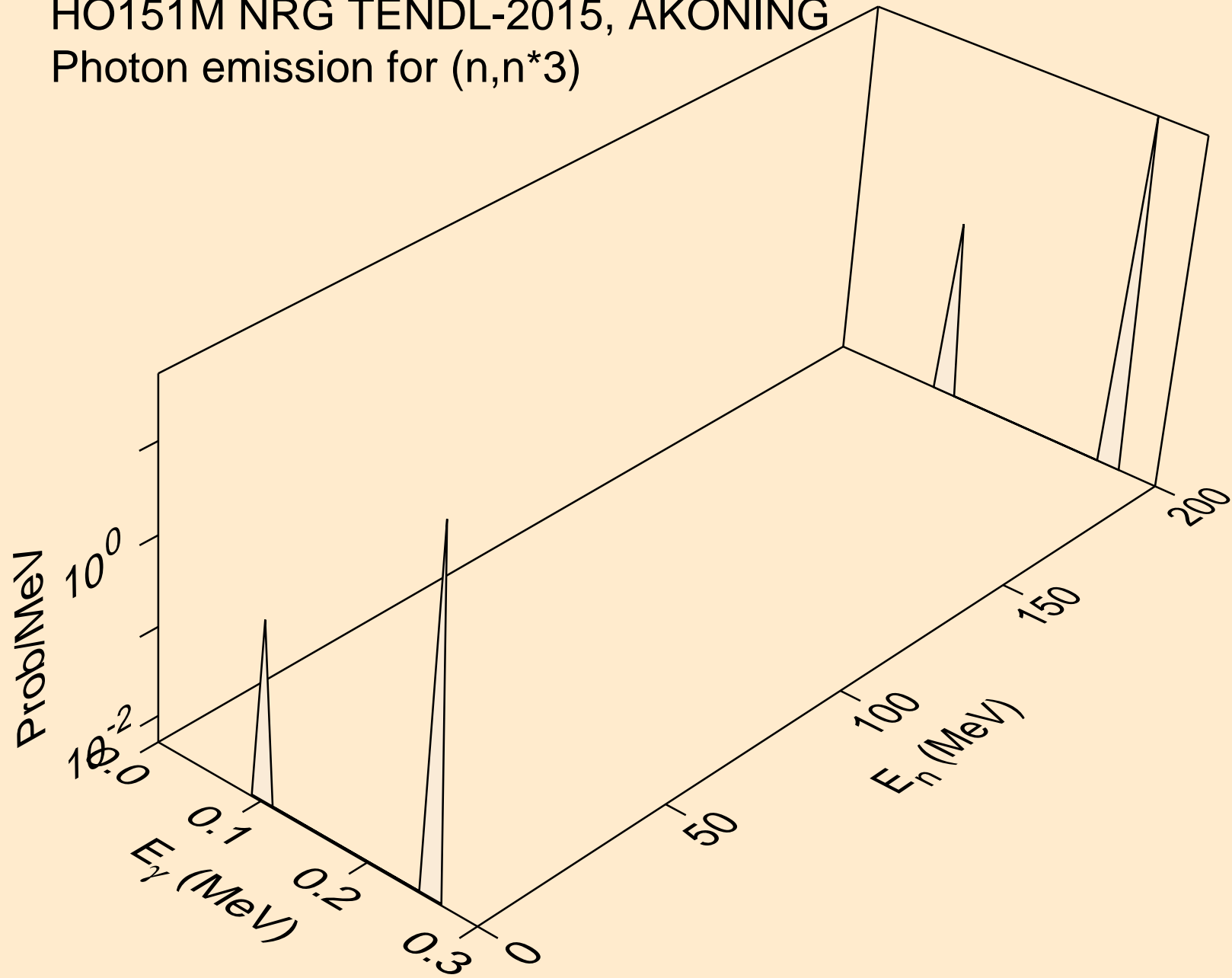
HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)

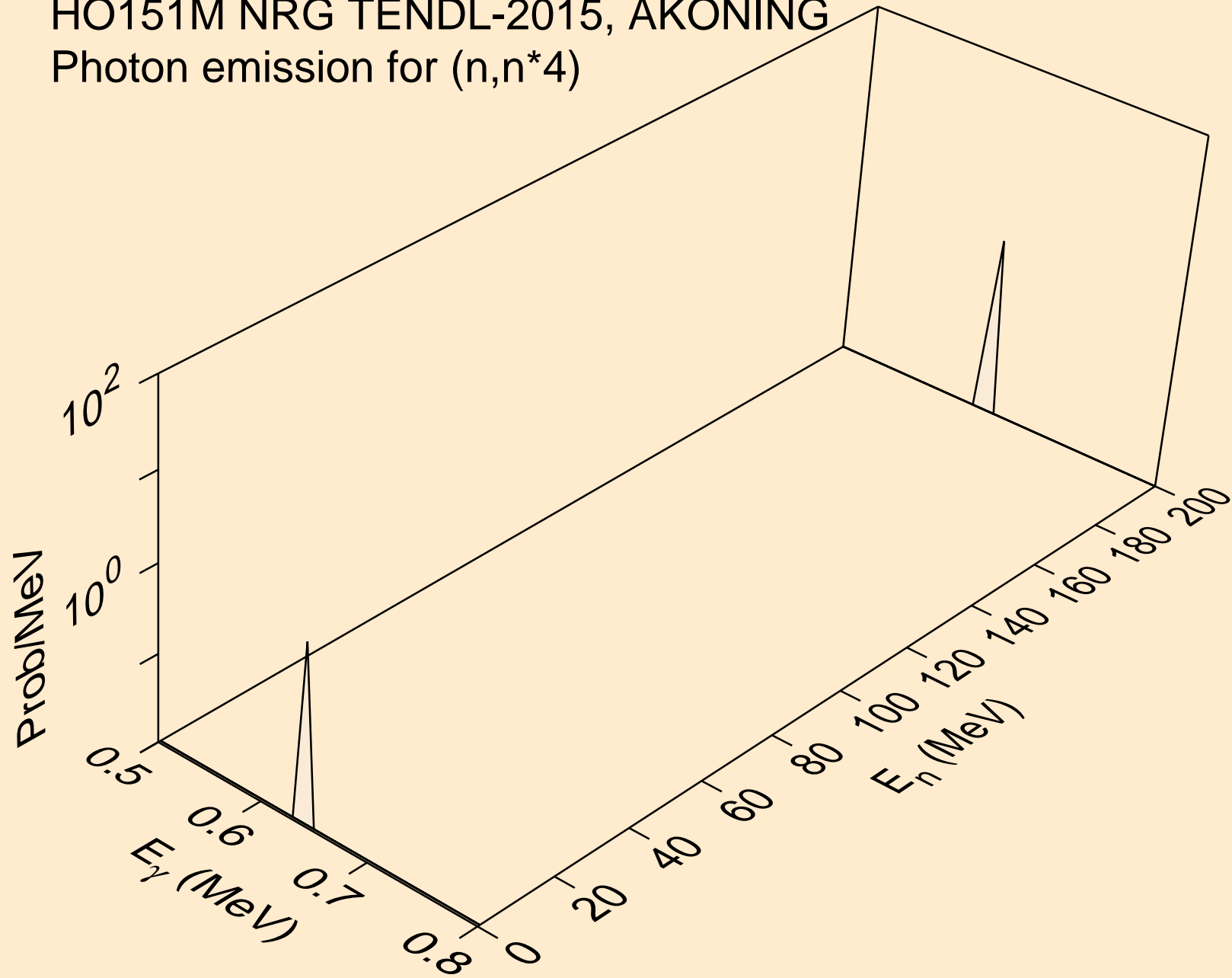


HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)

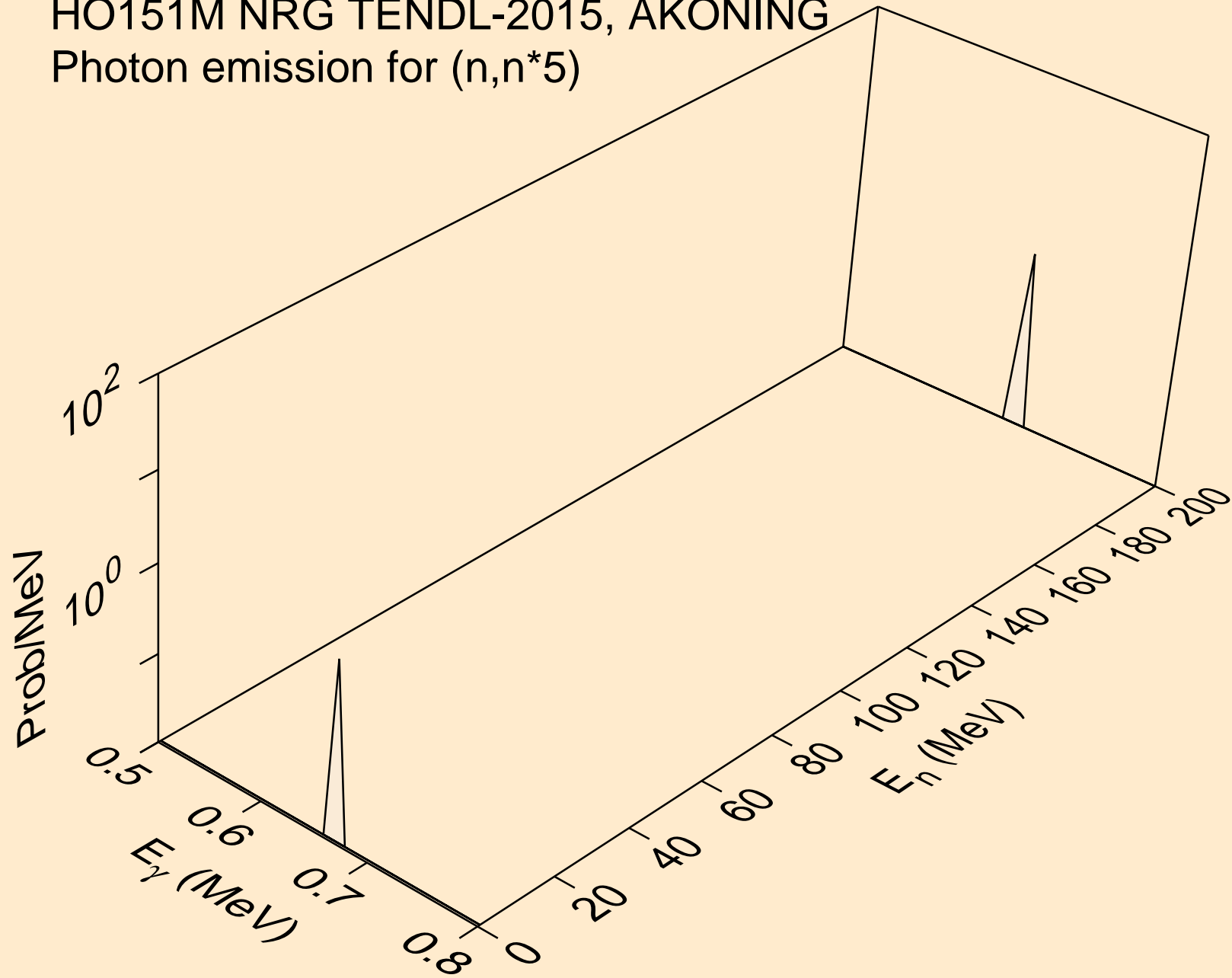




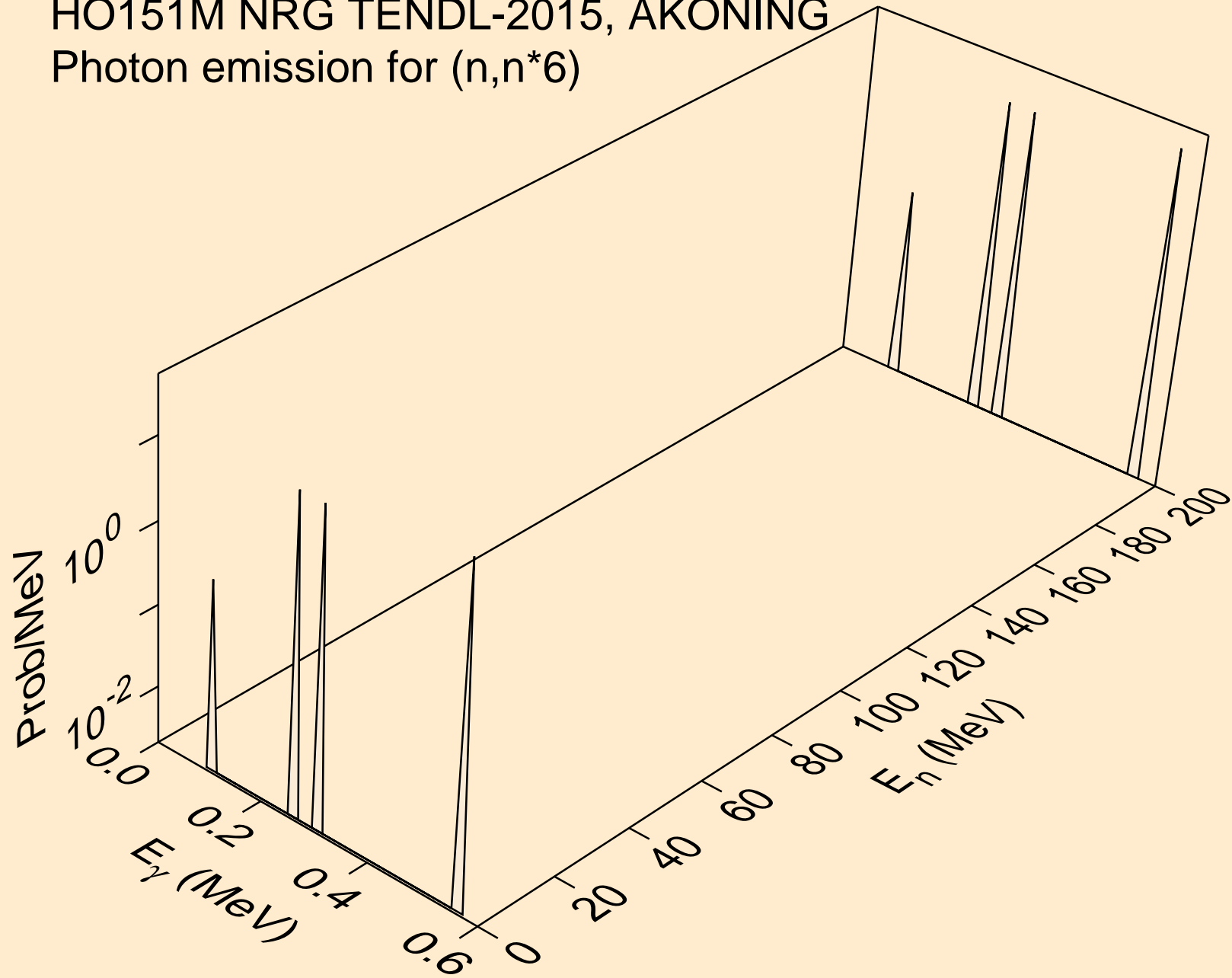
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Photon emission for (n,n\*4)



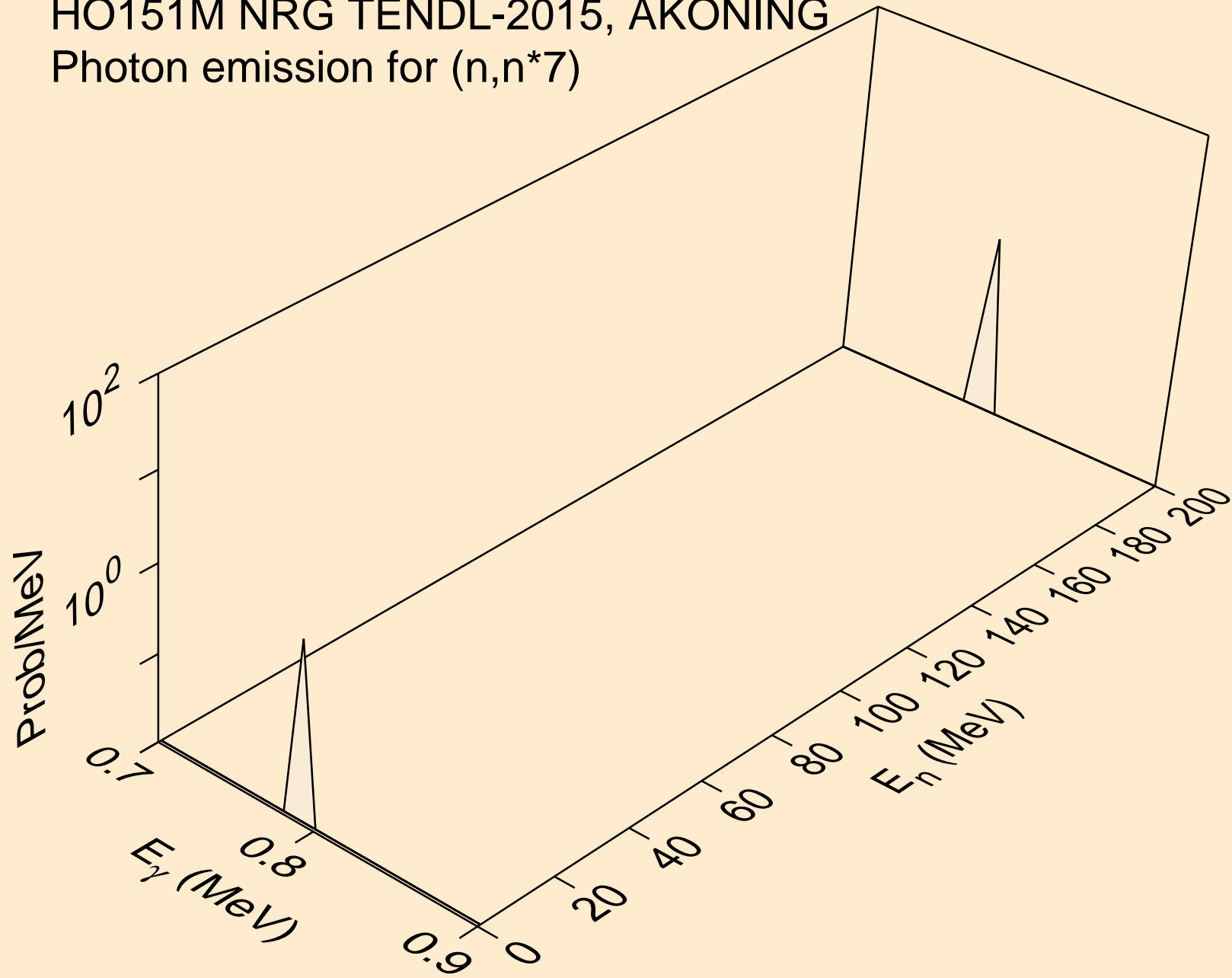
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Photon emission for (n,n\*5)



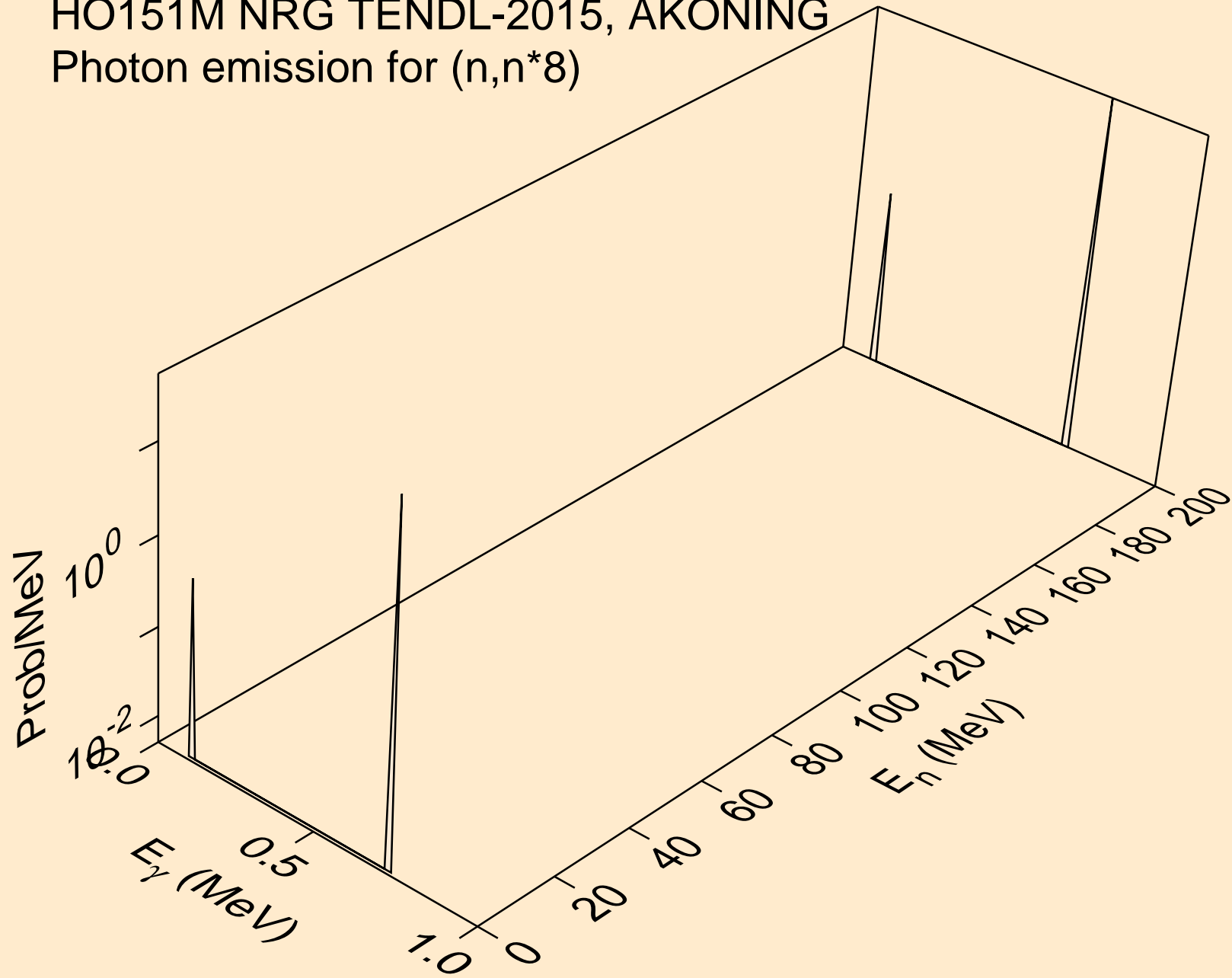
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Photon emission for (n,n\*6)



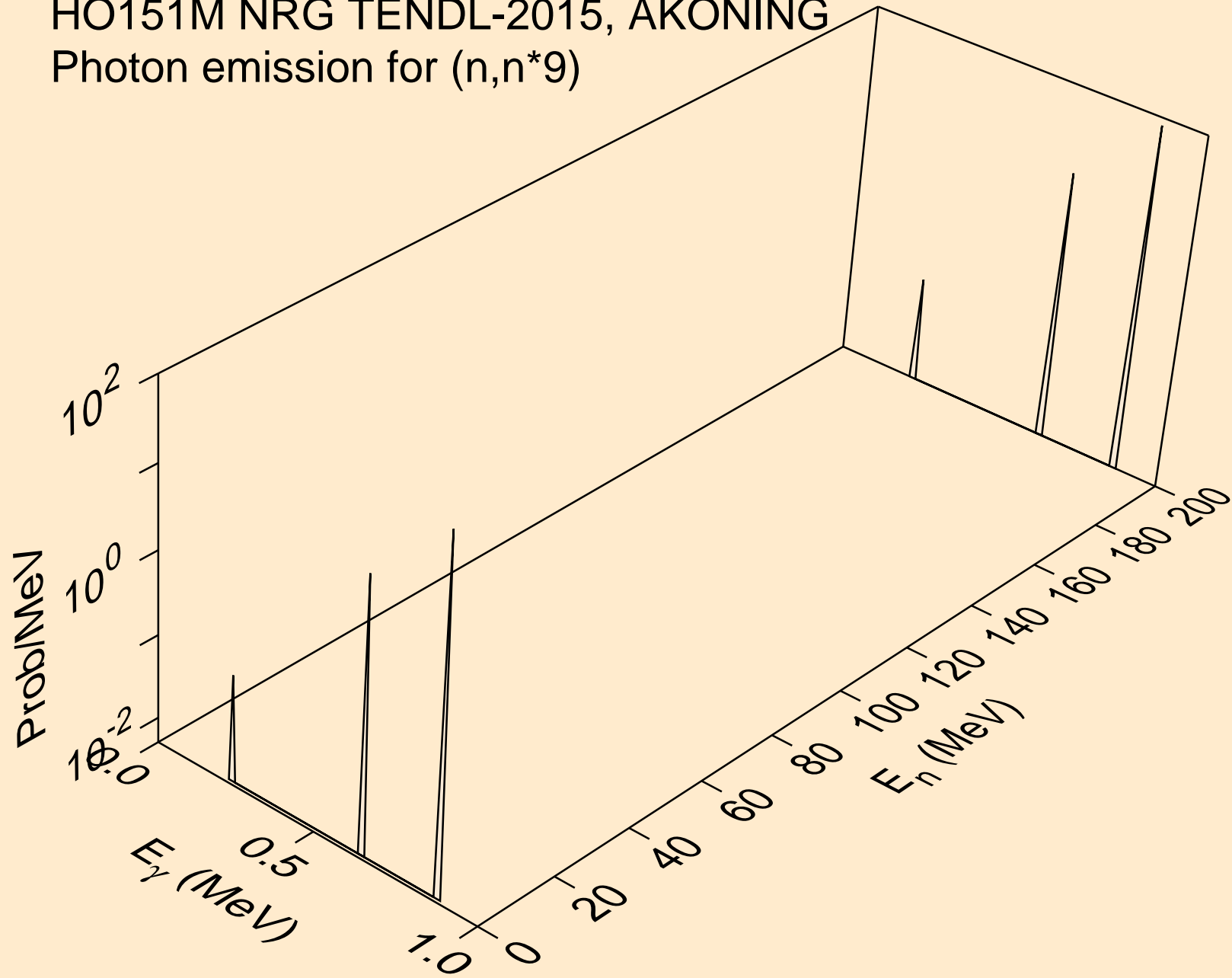
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Photon emission for (n,n\*7)



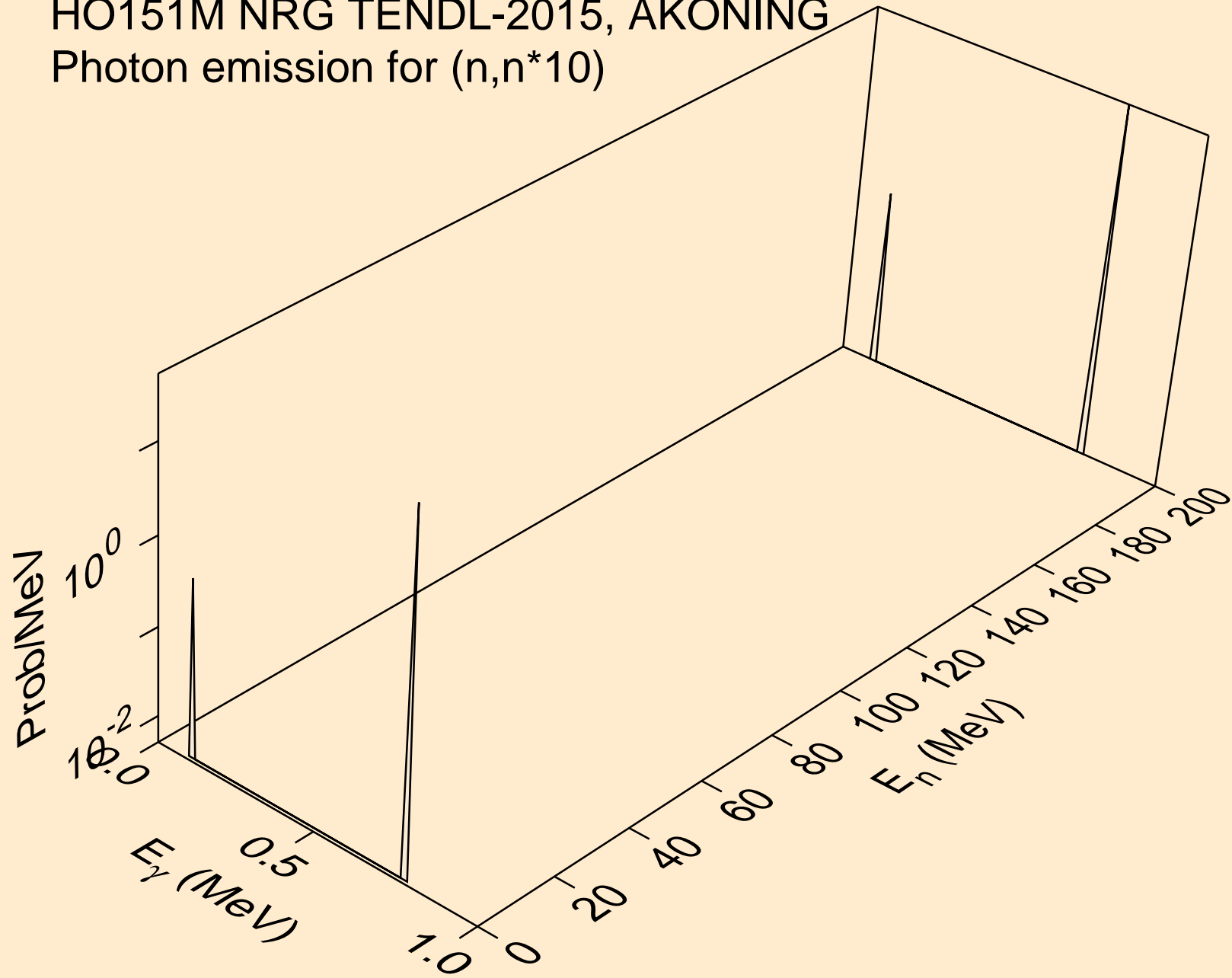
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Photon emission for (n,n\*8)



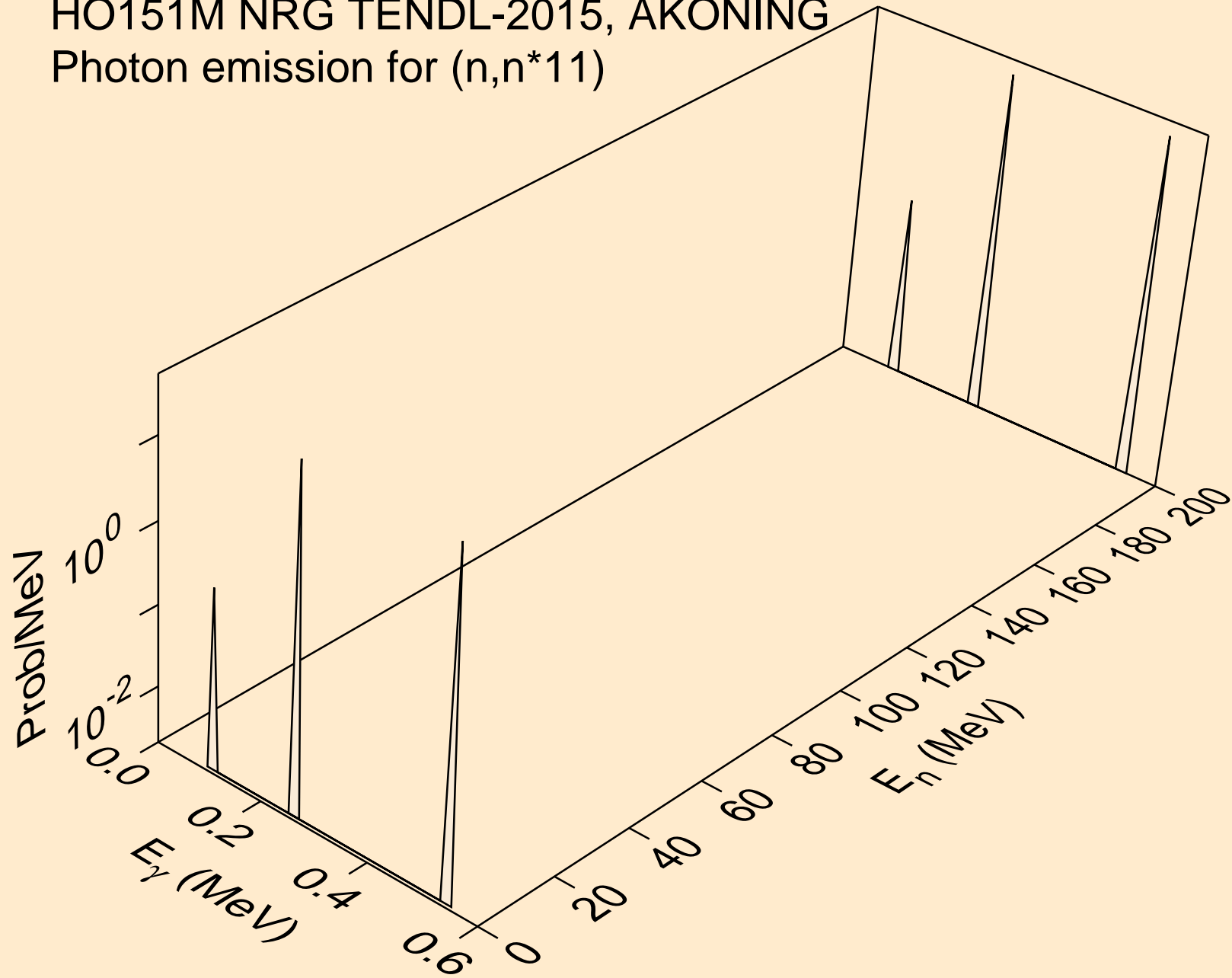
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Photon emission for (n,n\*9)



HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)

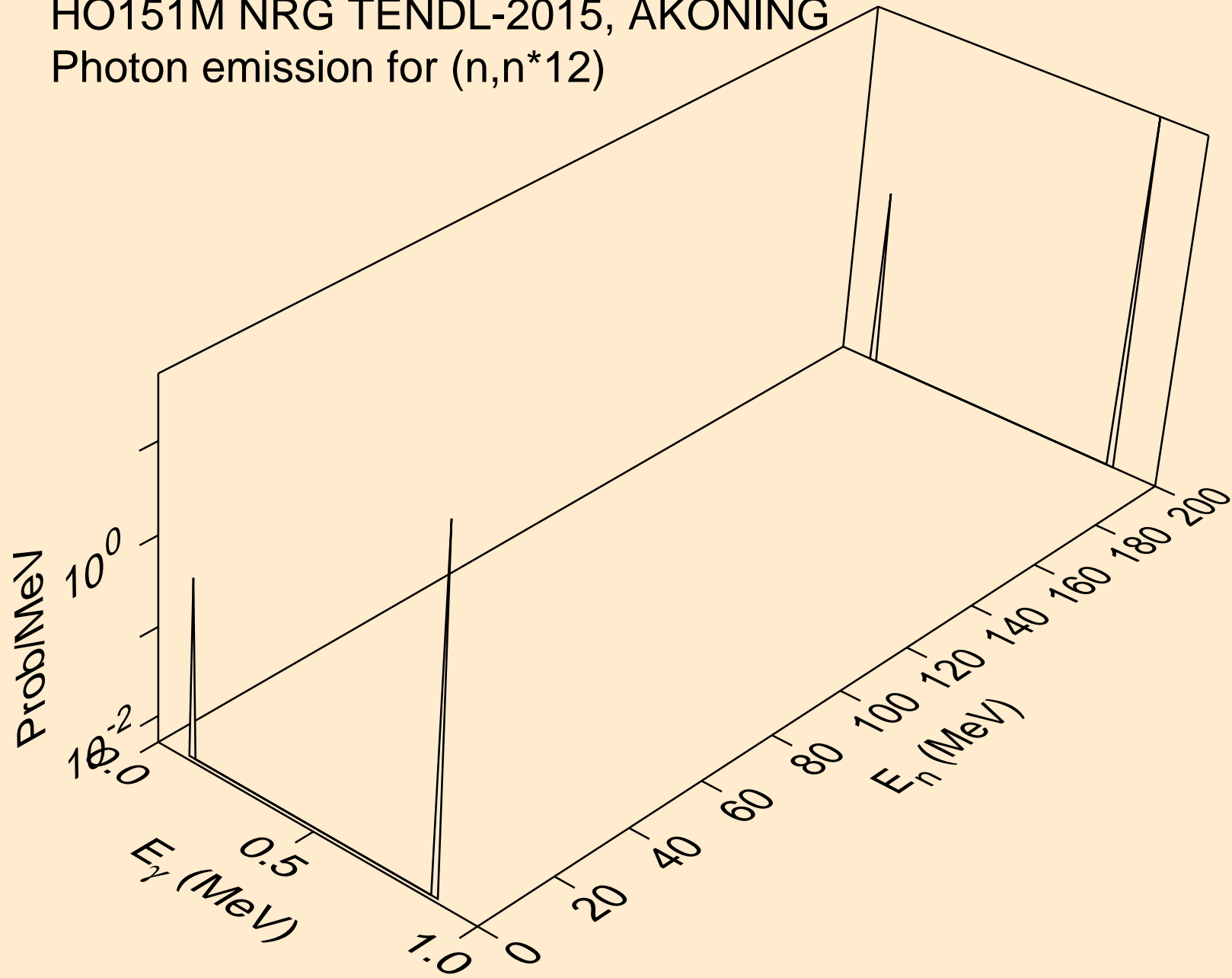


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Photon emission for (n,n\*11)

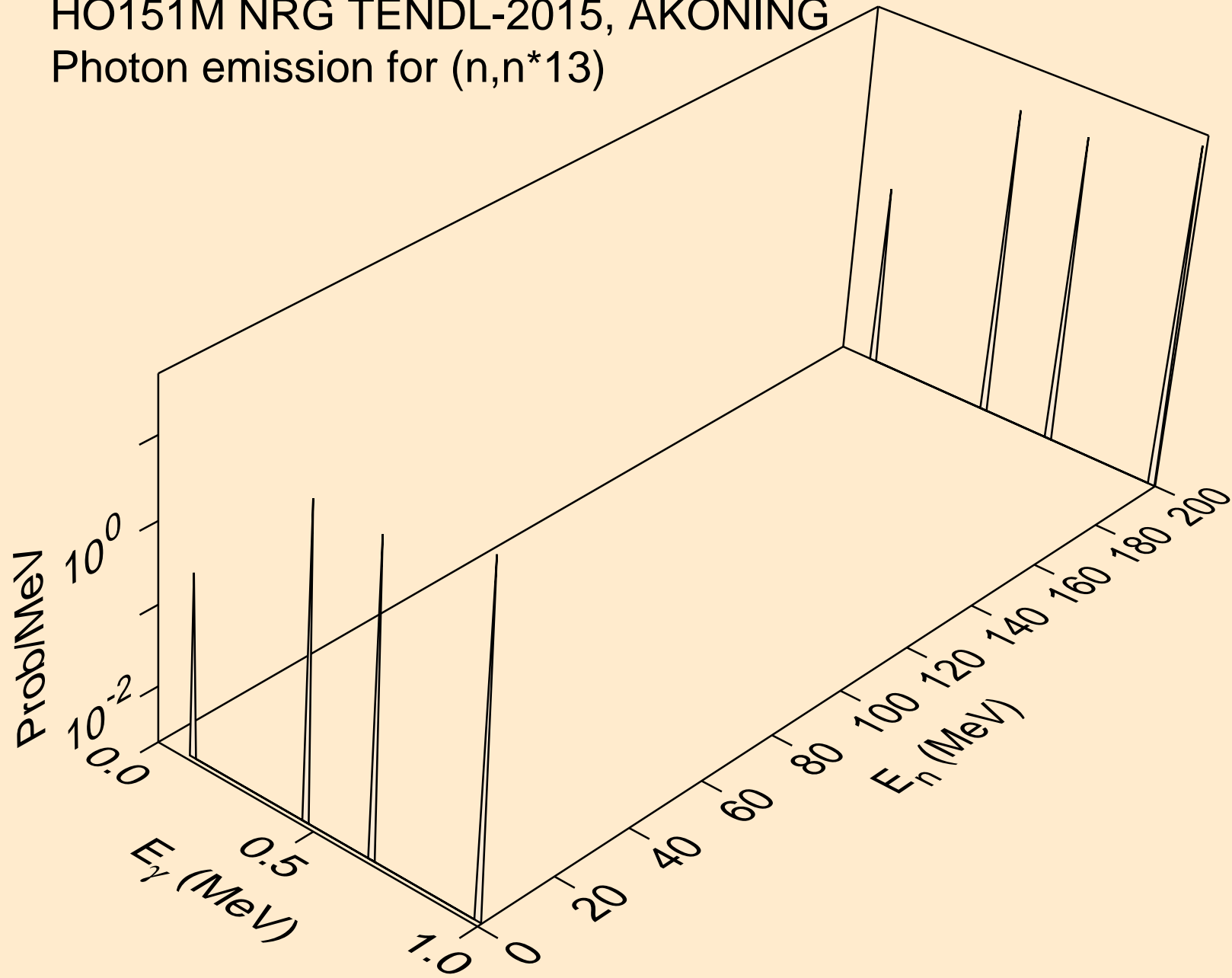




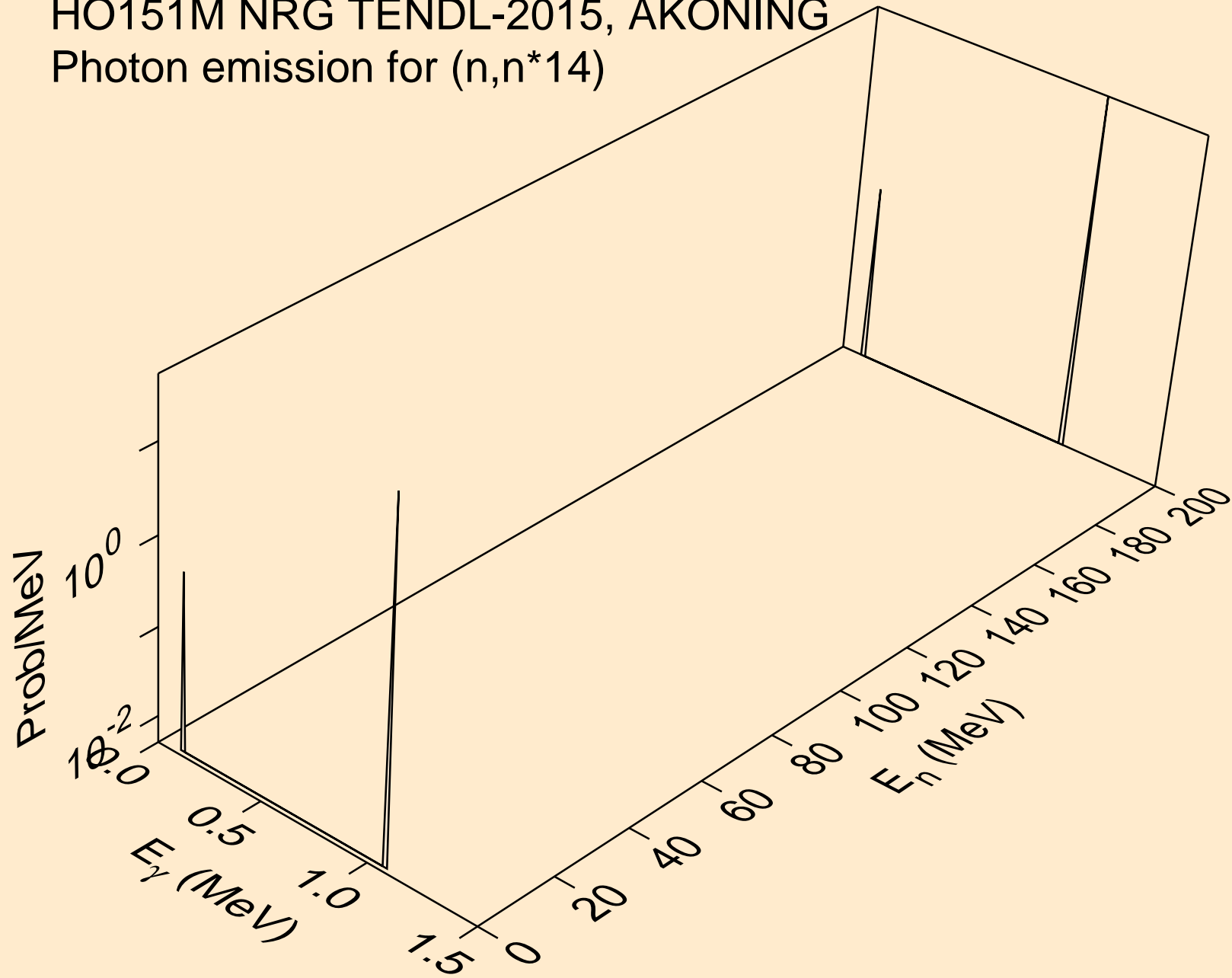
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Photon emission for (n,n\*12)



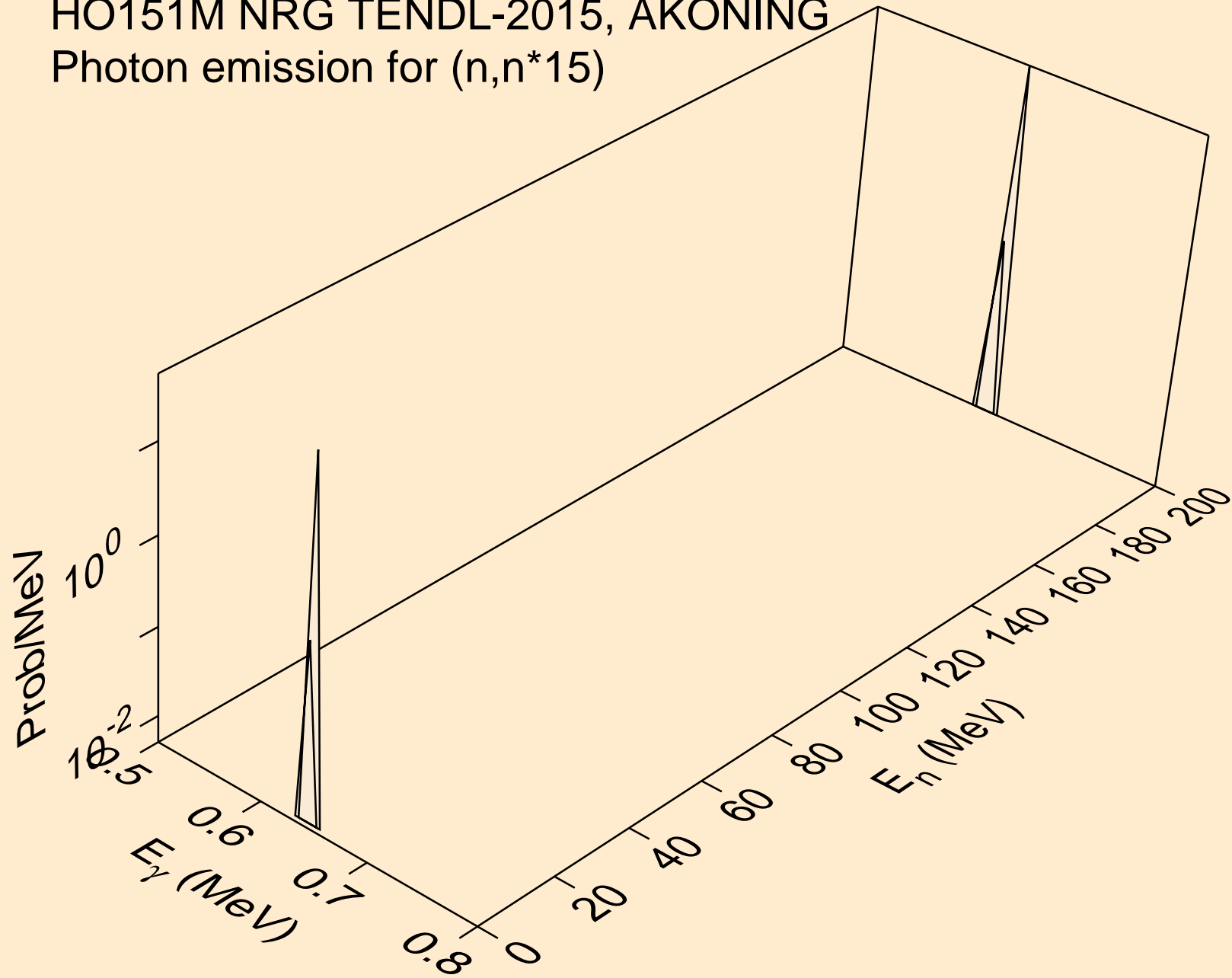
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Photon emission for (n,n\*13)



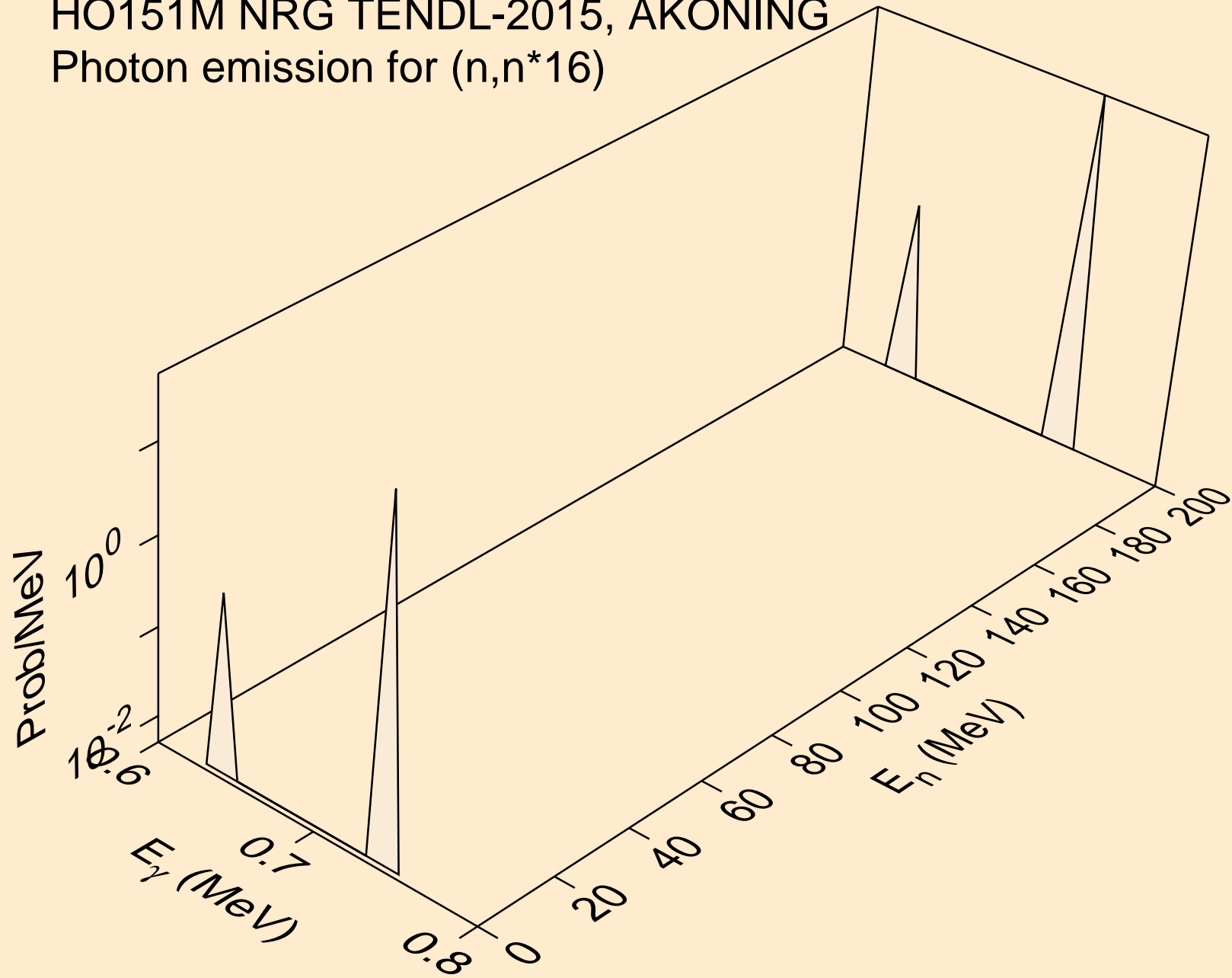
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Photon emission for (n,n\*14)



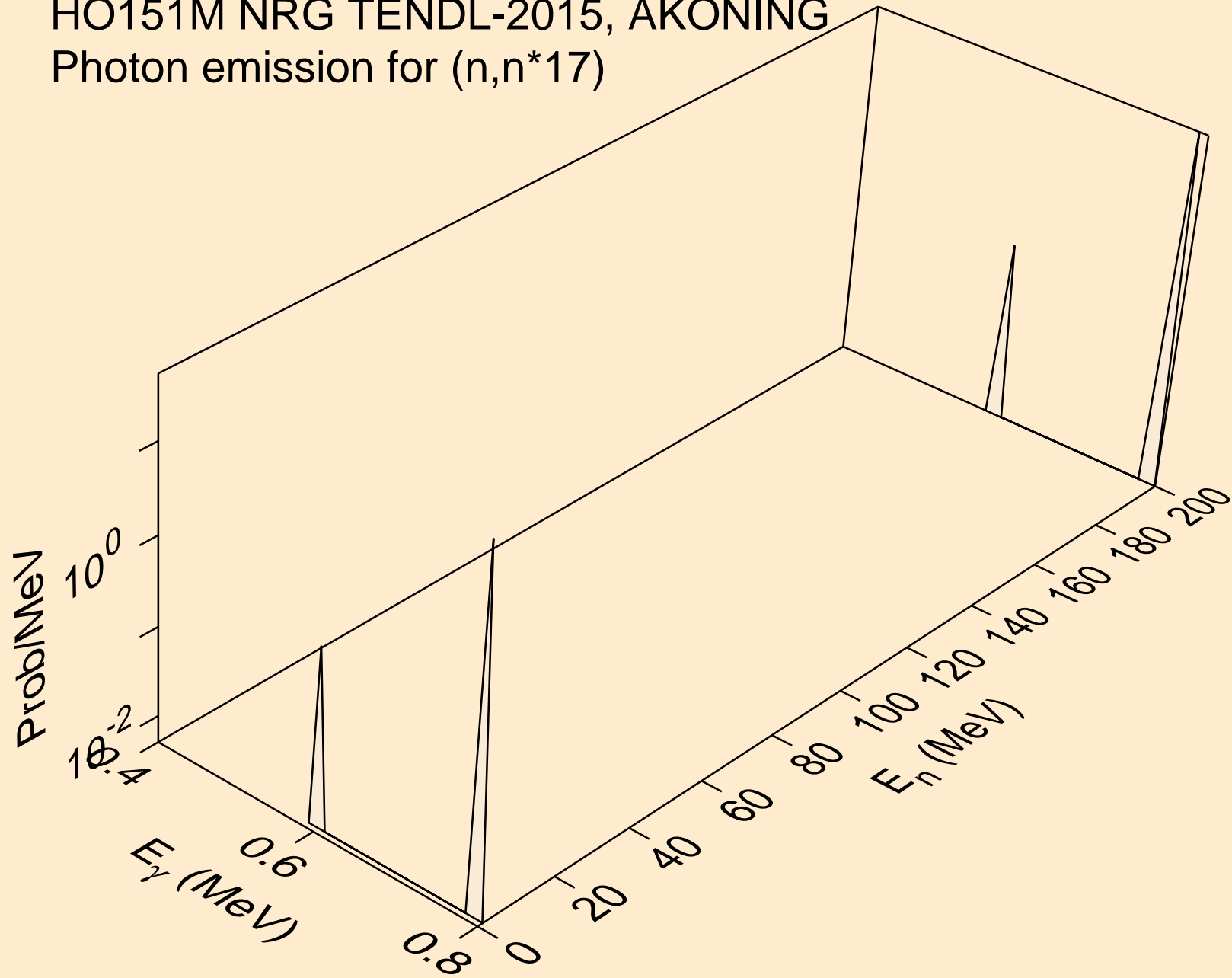
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Photon emission for (n,n\*15)



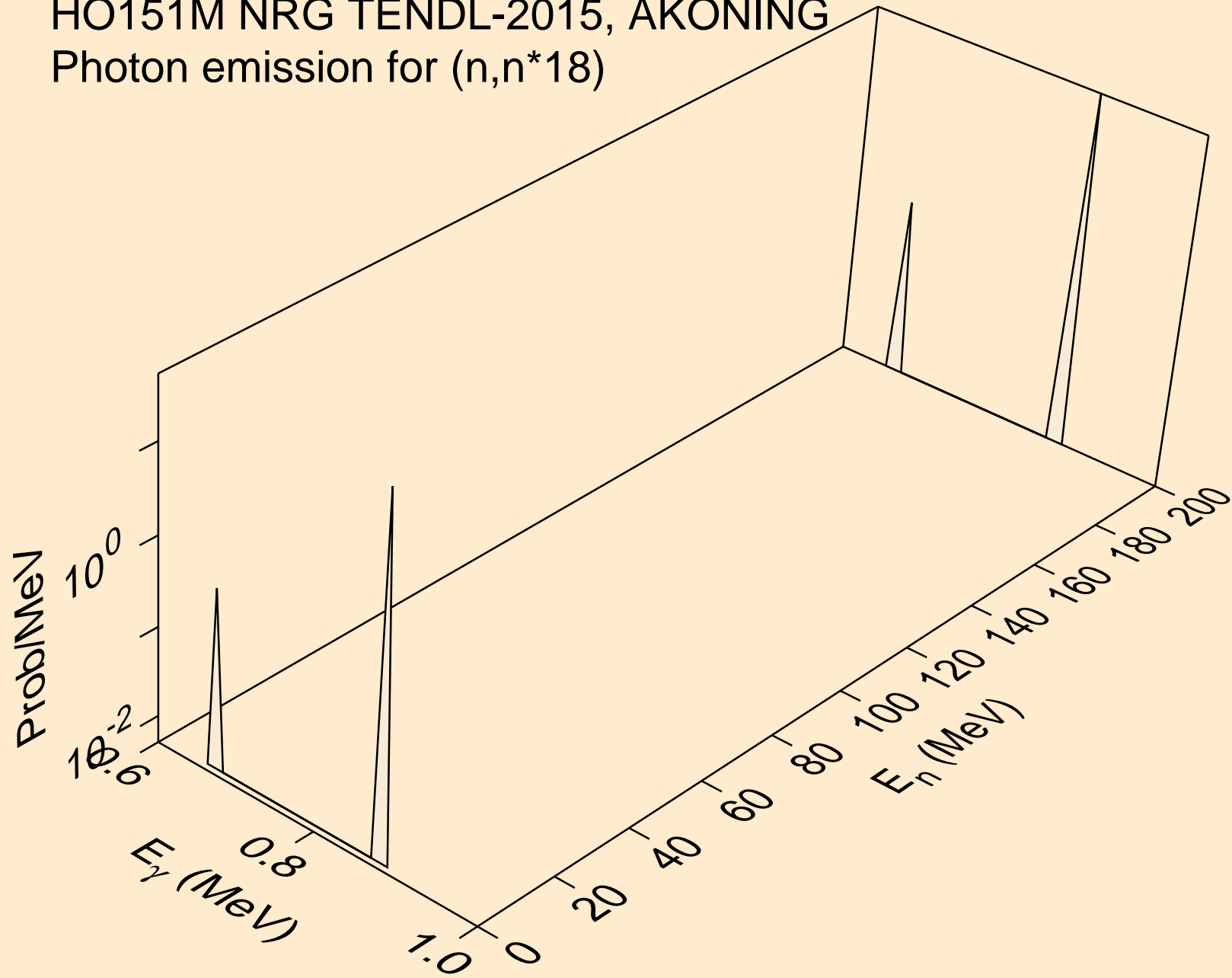
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Photon emission for (n,n\*16)



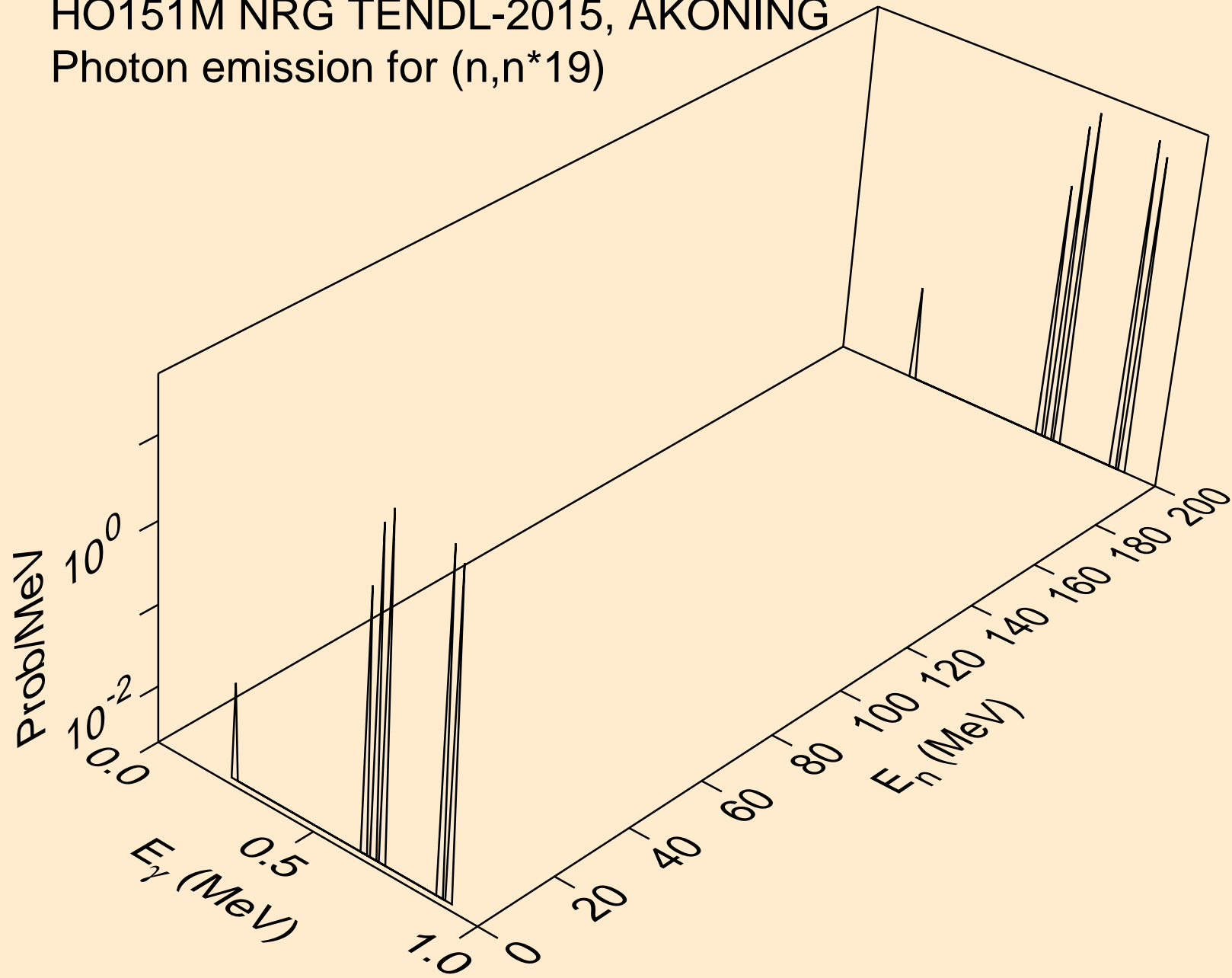
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Photon emission for (n,n\*17)



HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)

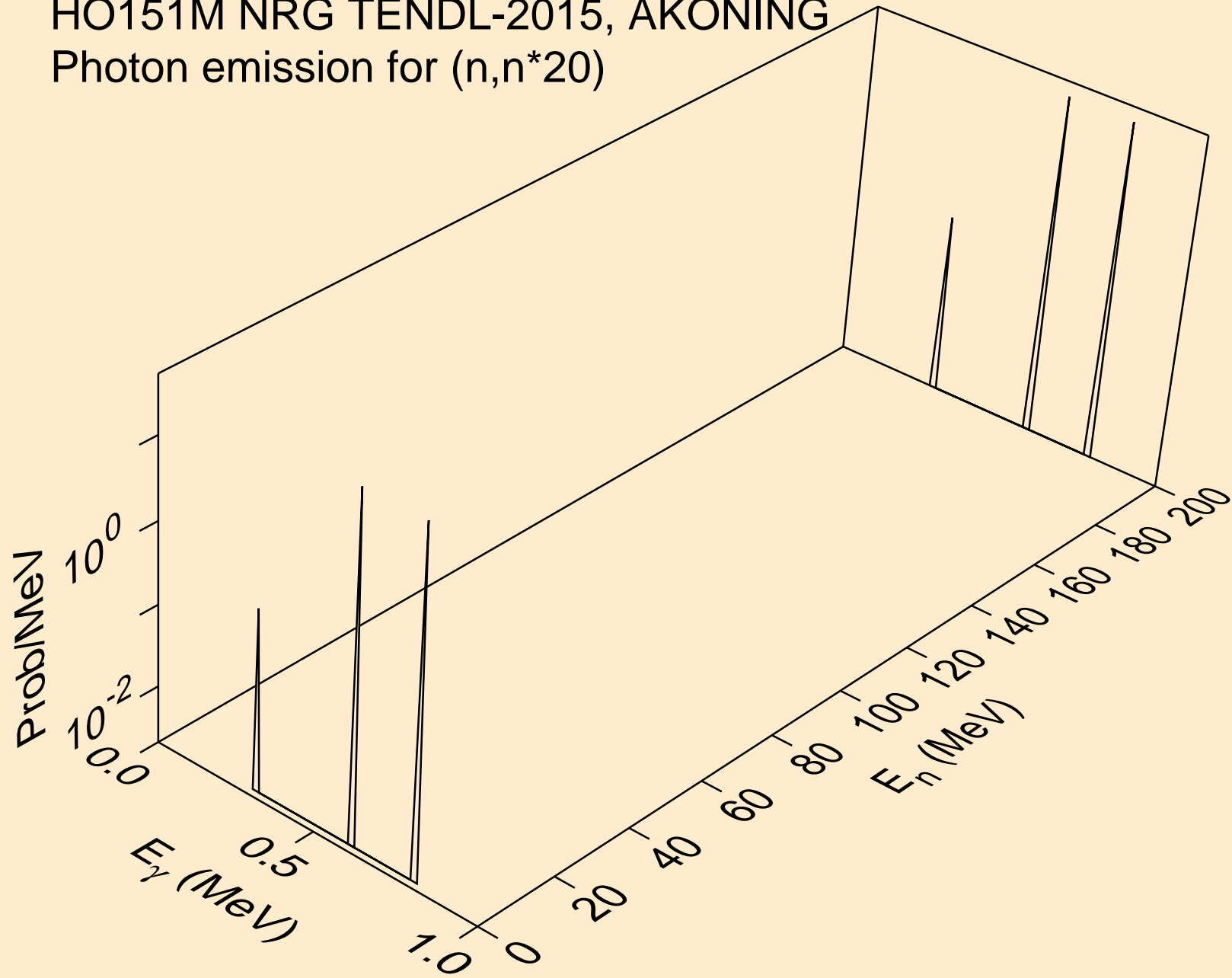


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Photon emission for (n,n\*19)

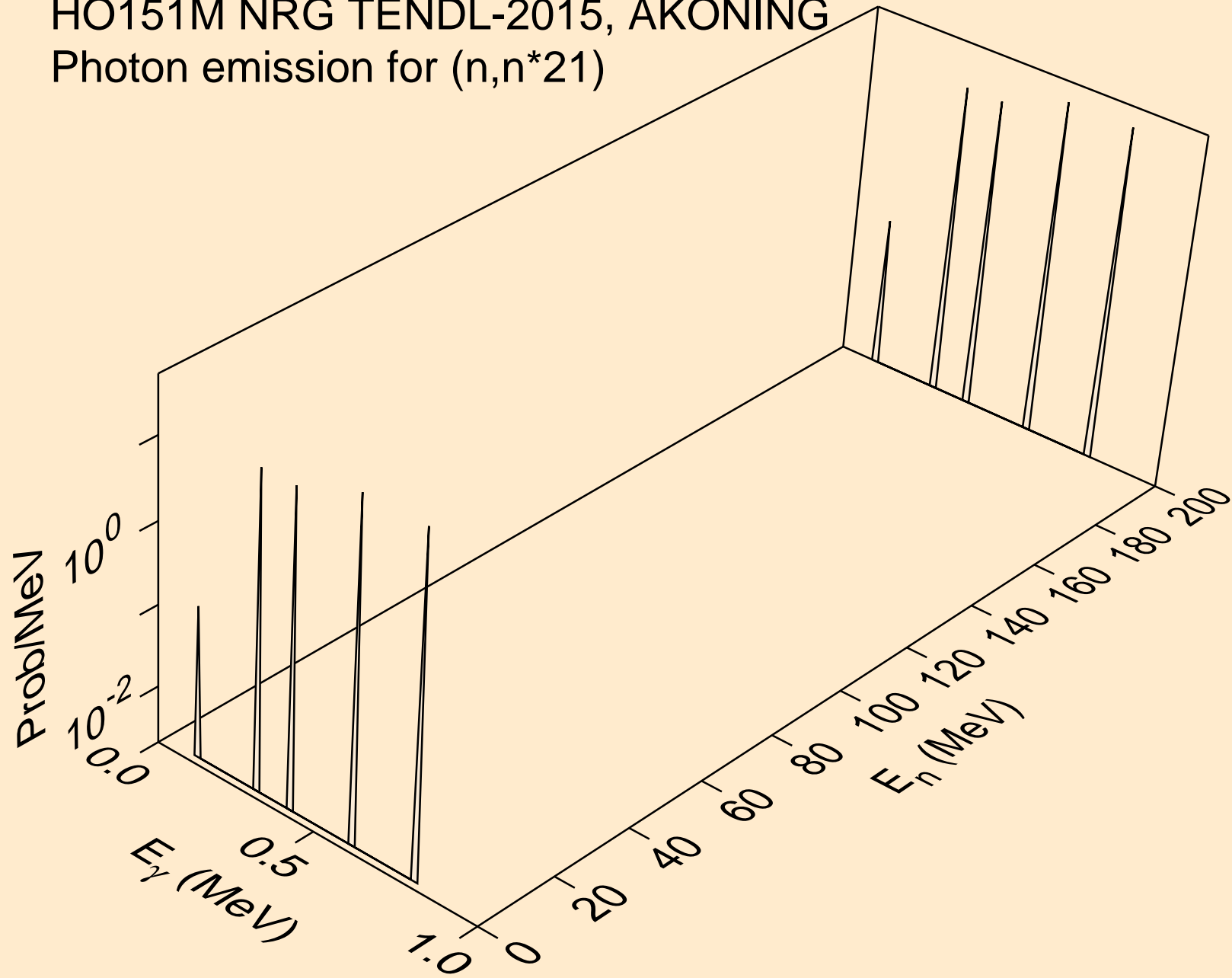




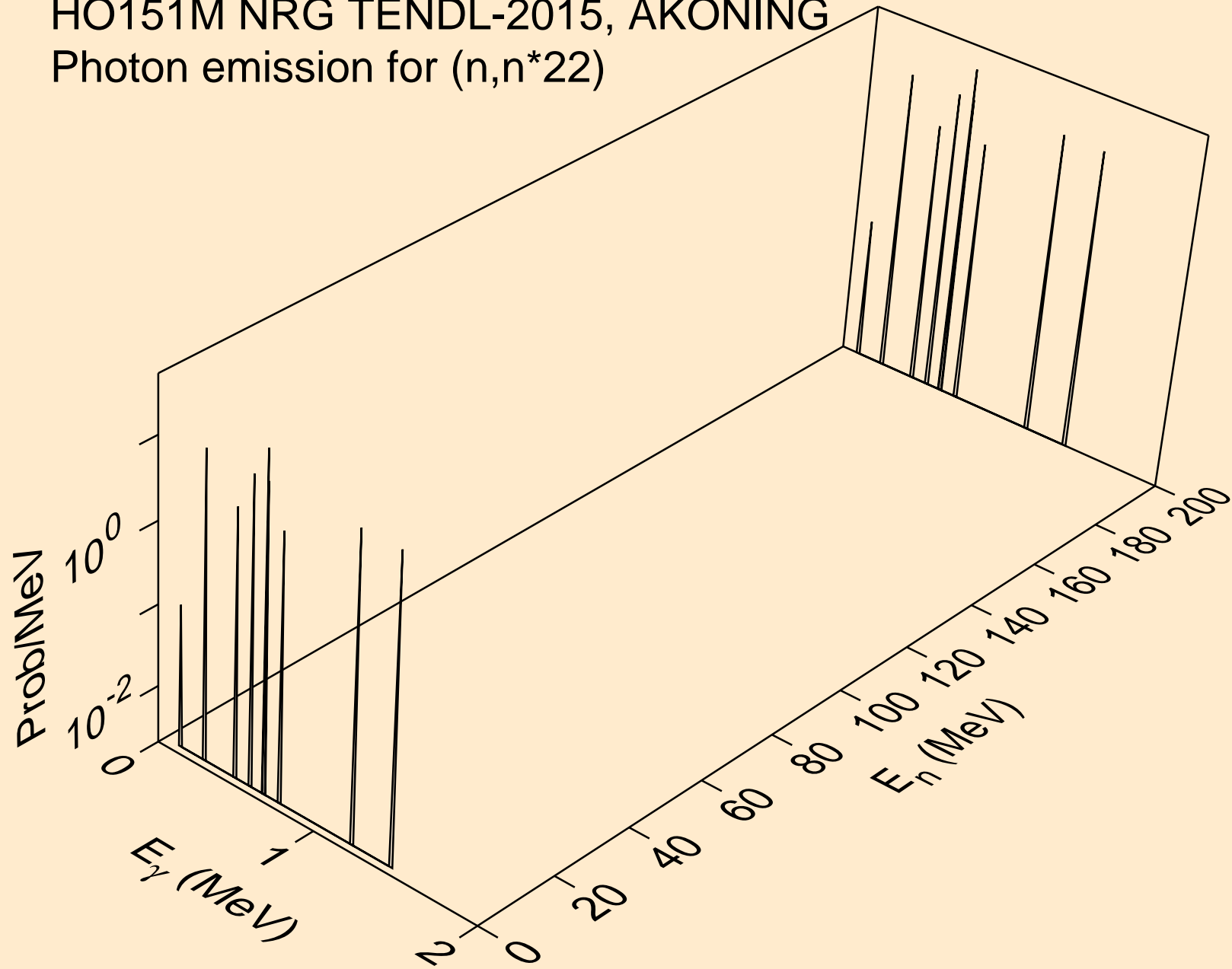
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Photon emission for (n,n\*20)



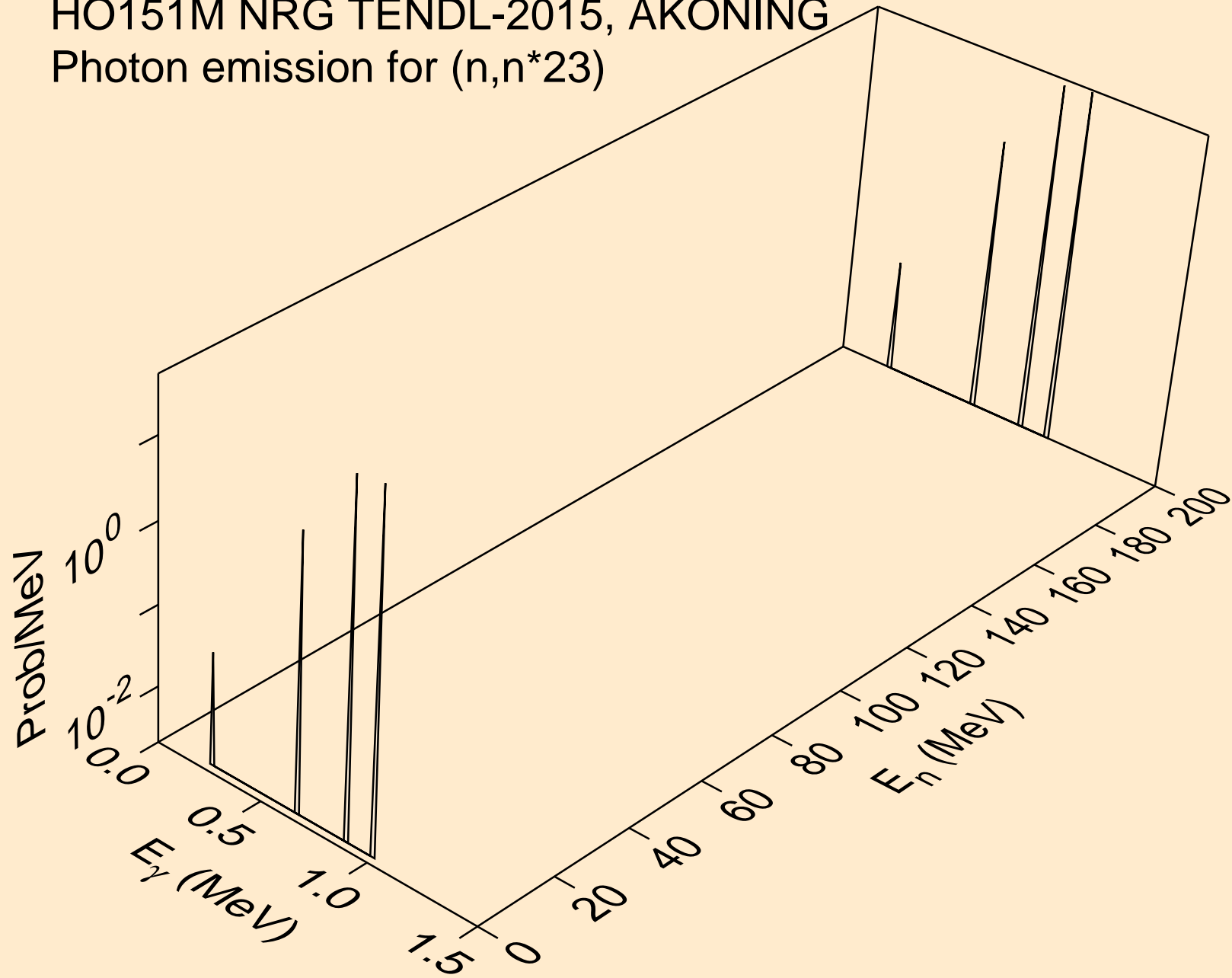
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Photon emission for (n,n\*21)



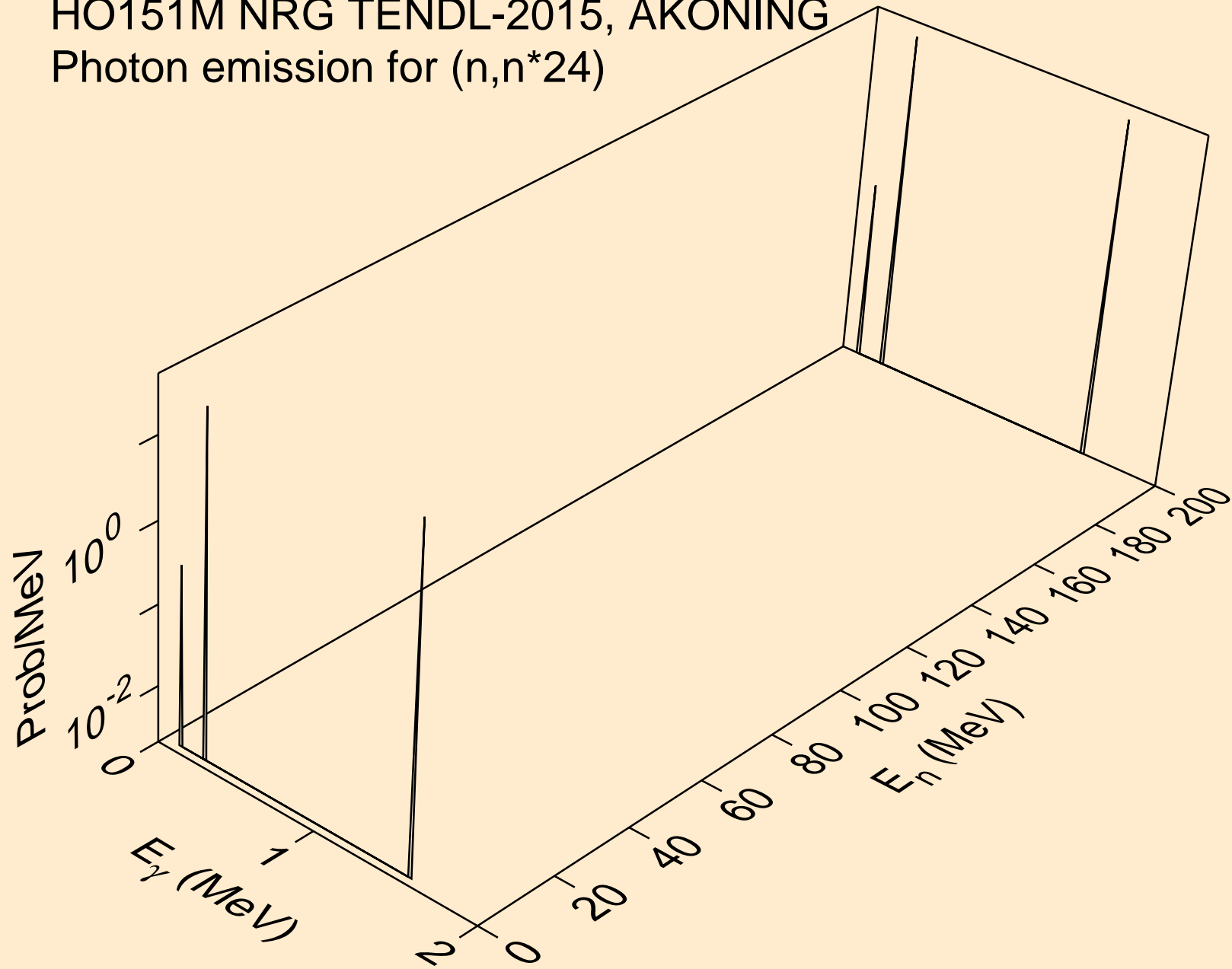
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Photon emission for (n,n\*22)



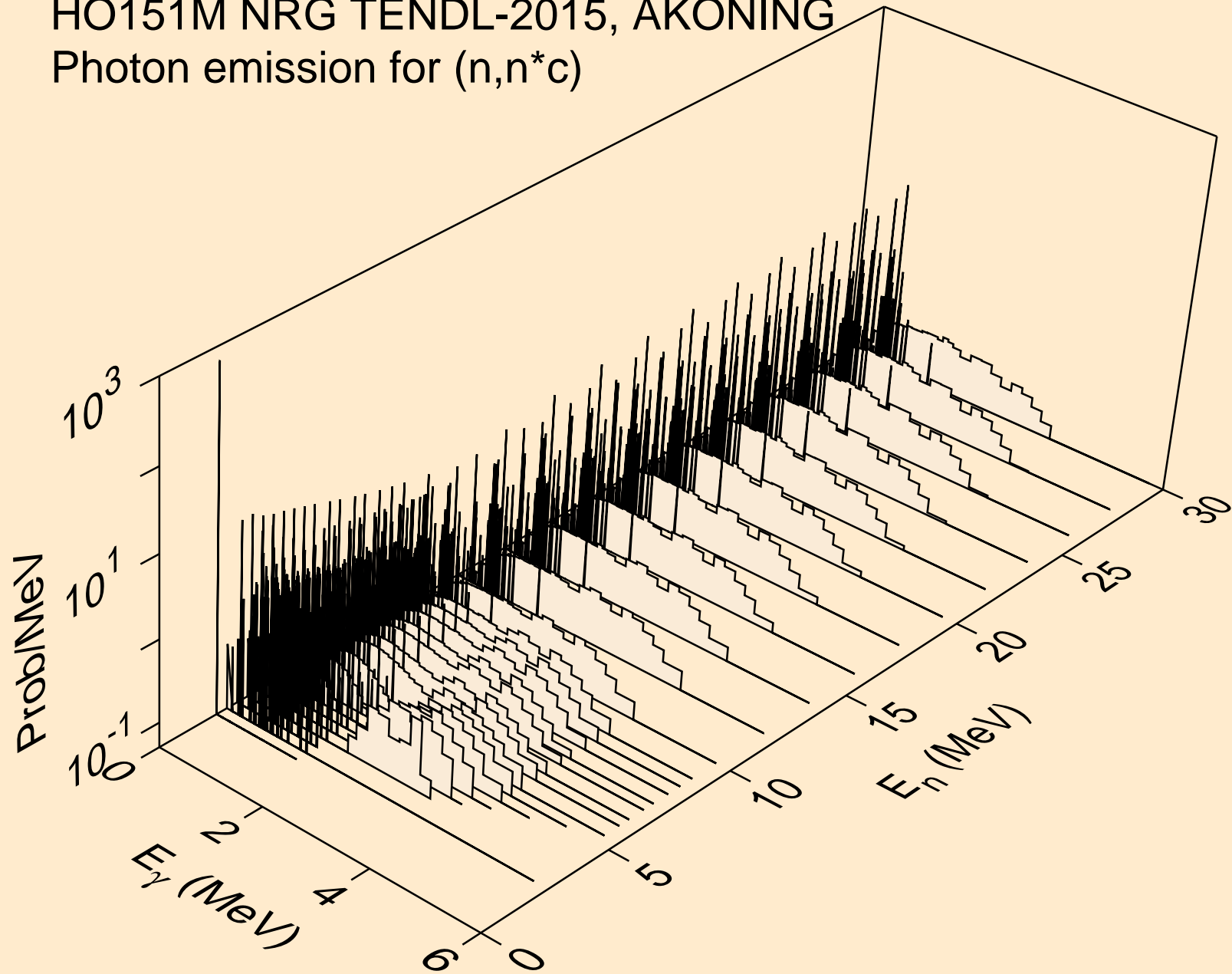
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Photon emission for (n,n\*23)



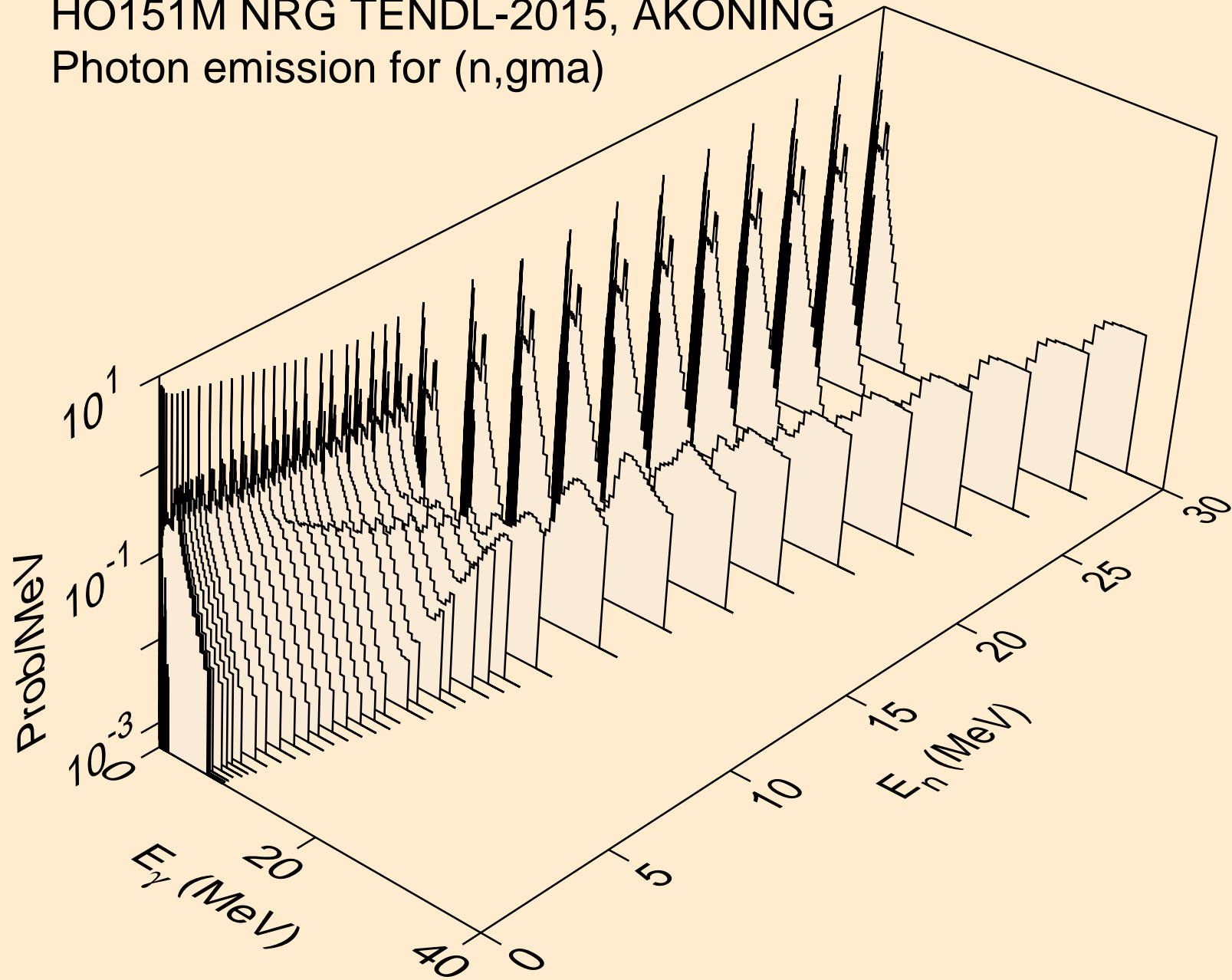
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Photon emission for (n,n\*24)



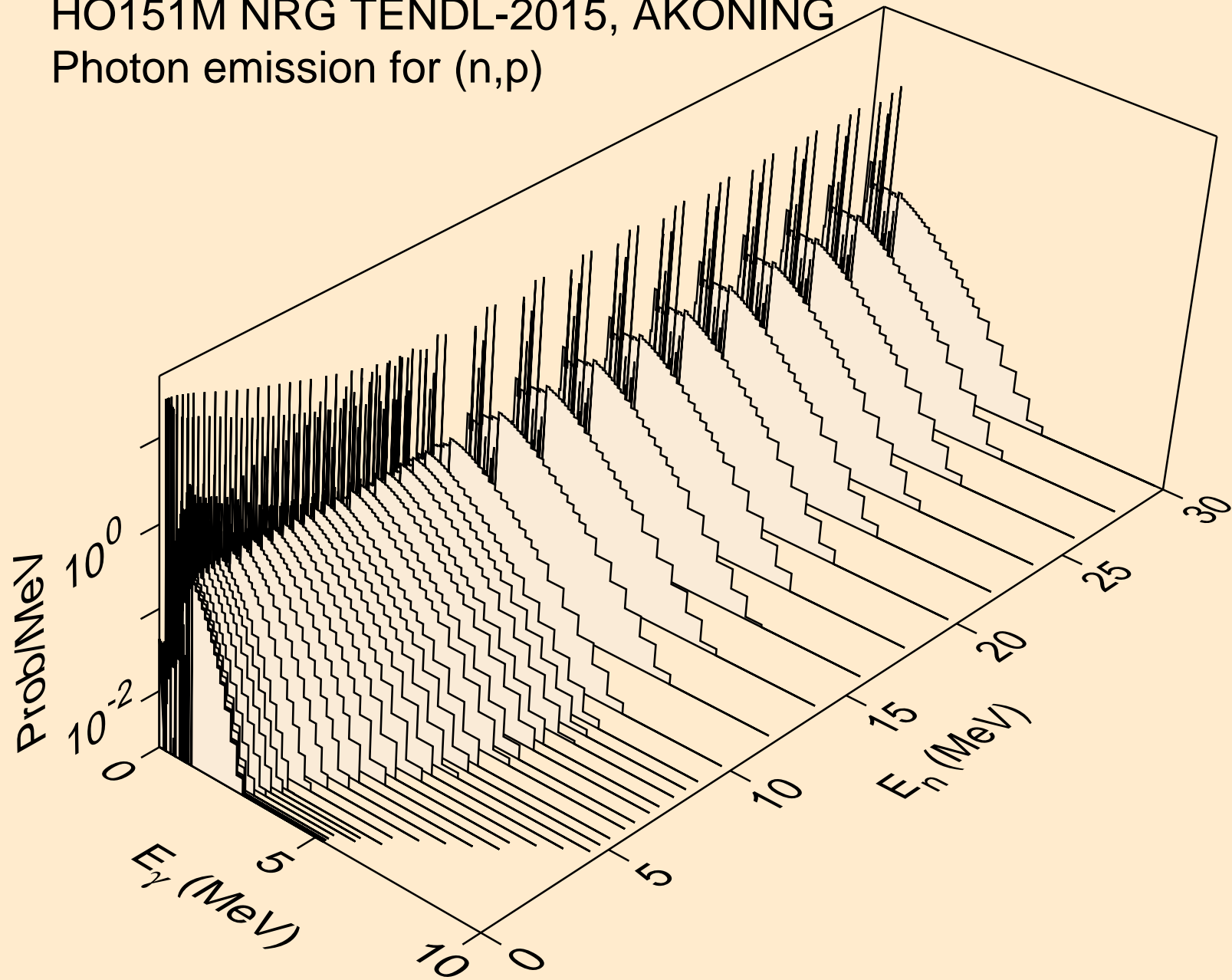
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Photon emission for (n,n\*c)



HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

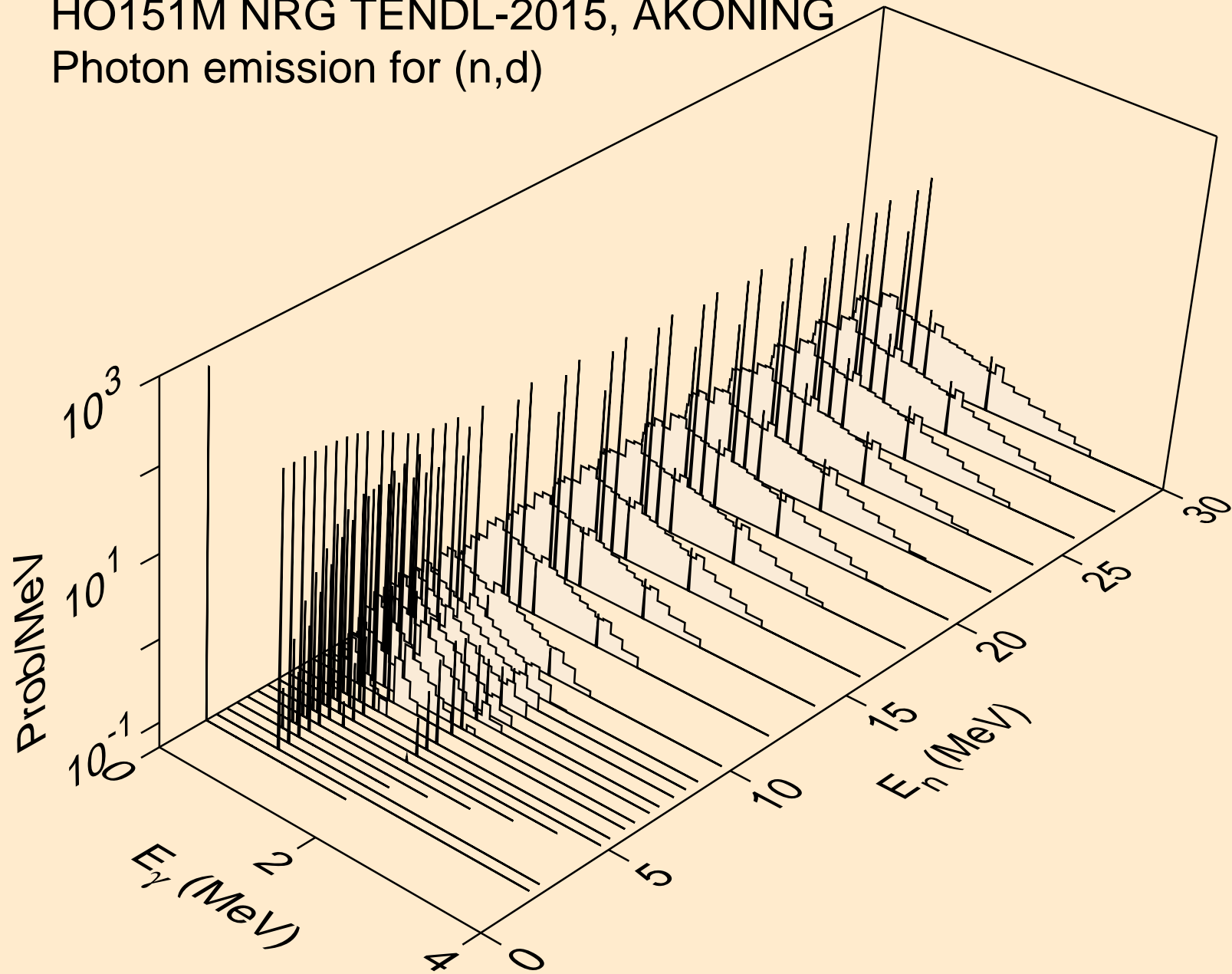


HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,p)

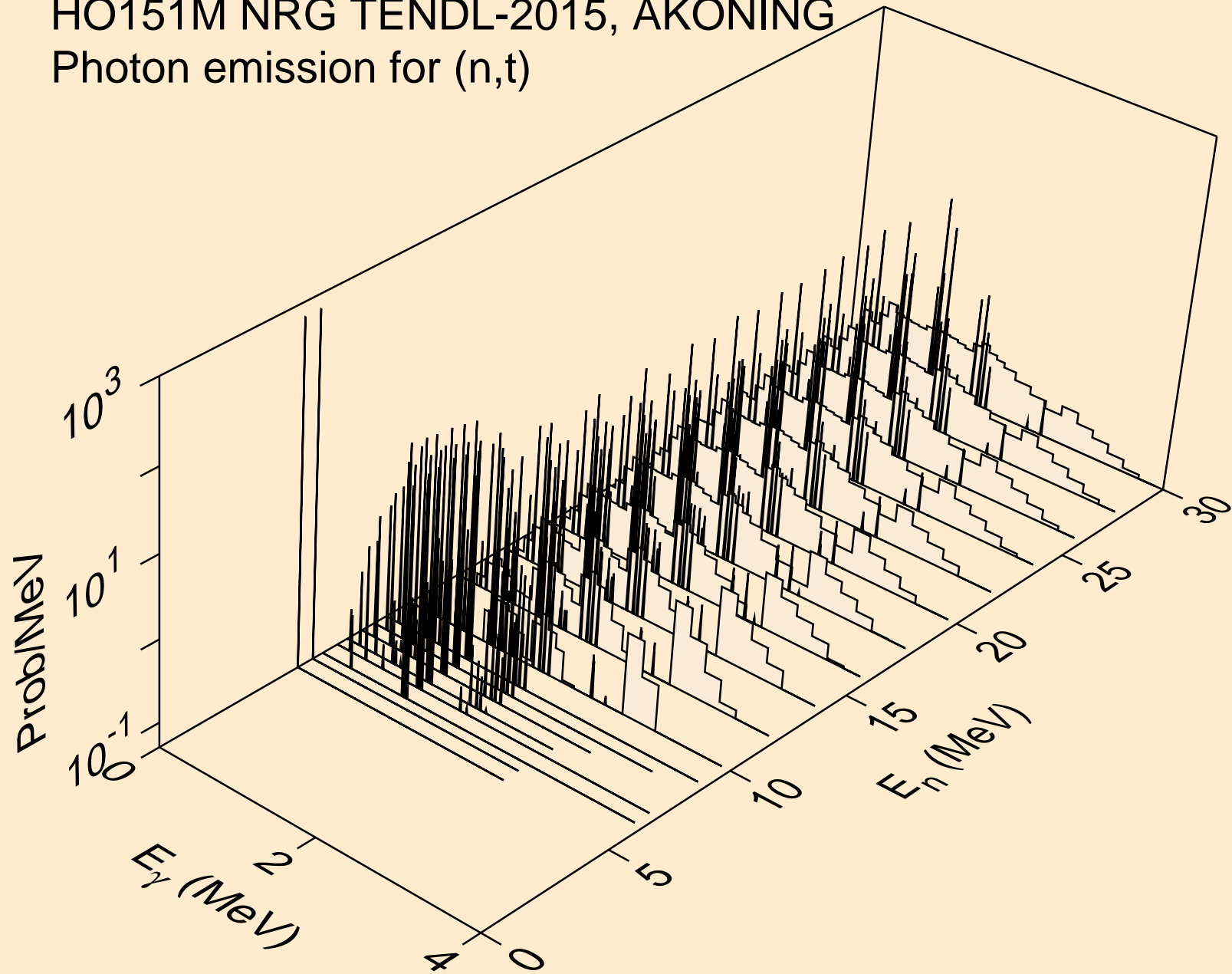




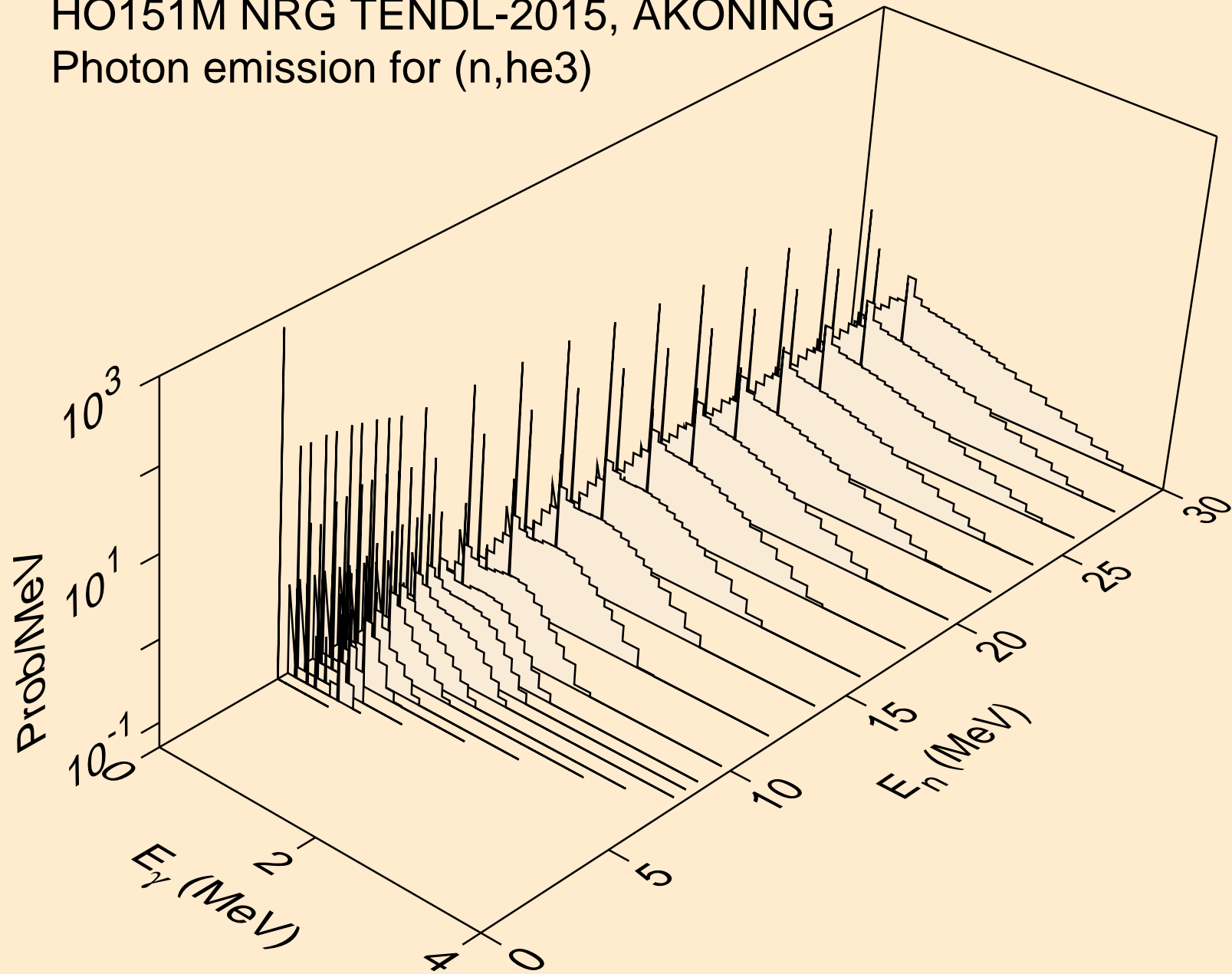
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Photon emission for (n,d)



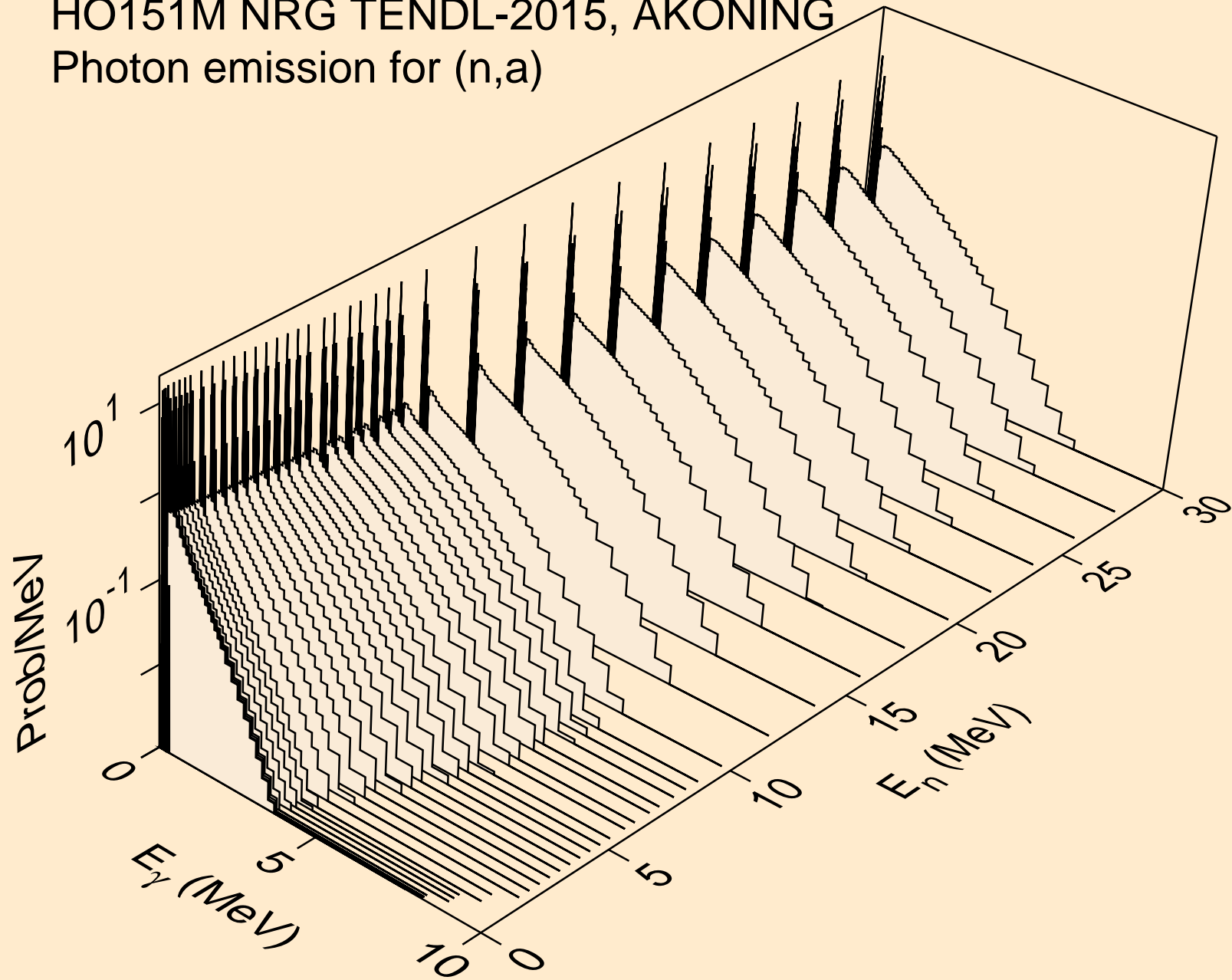
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Photon emission for (n,t)



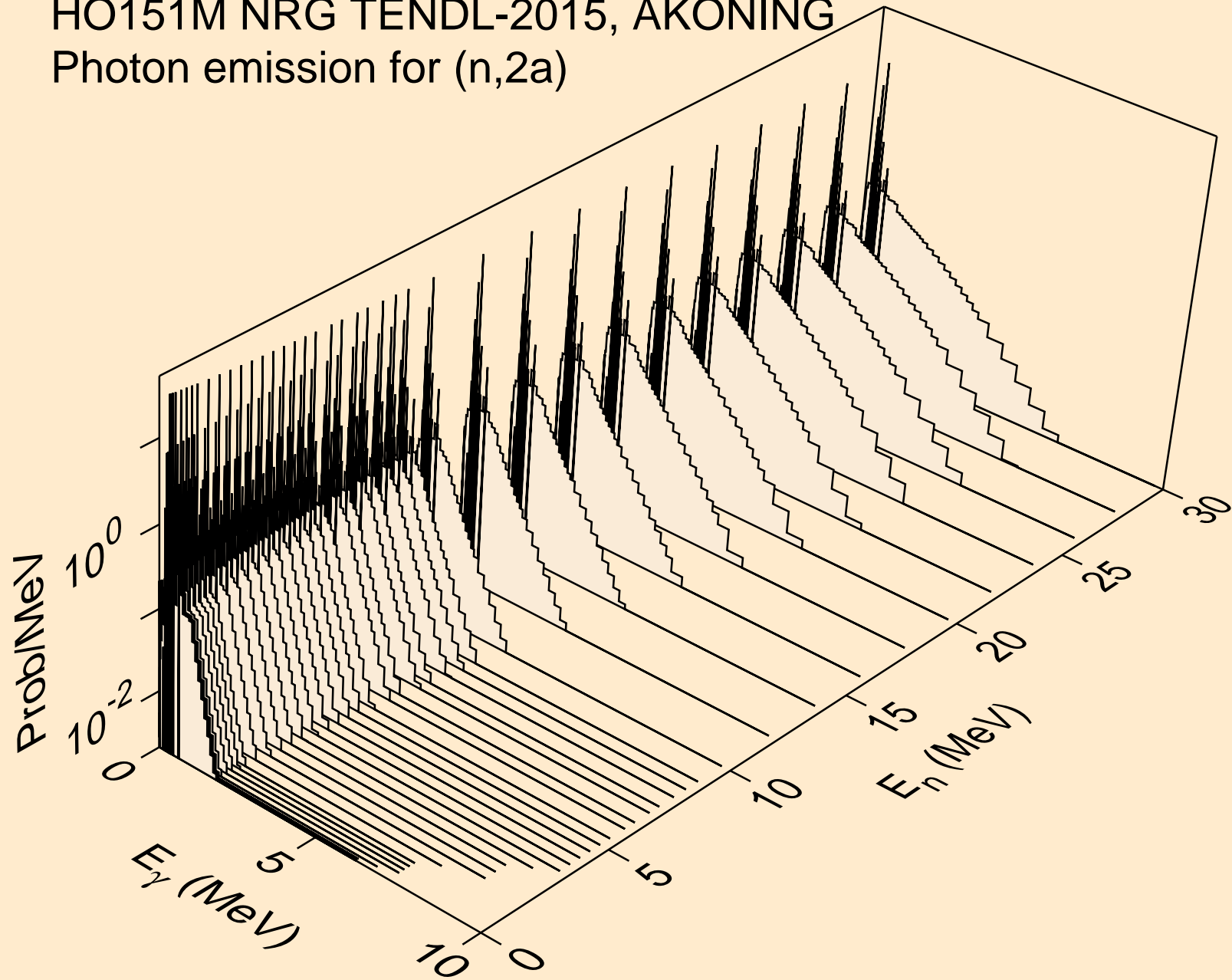
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Photon emission for (n,he3)



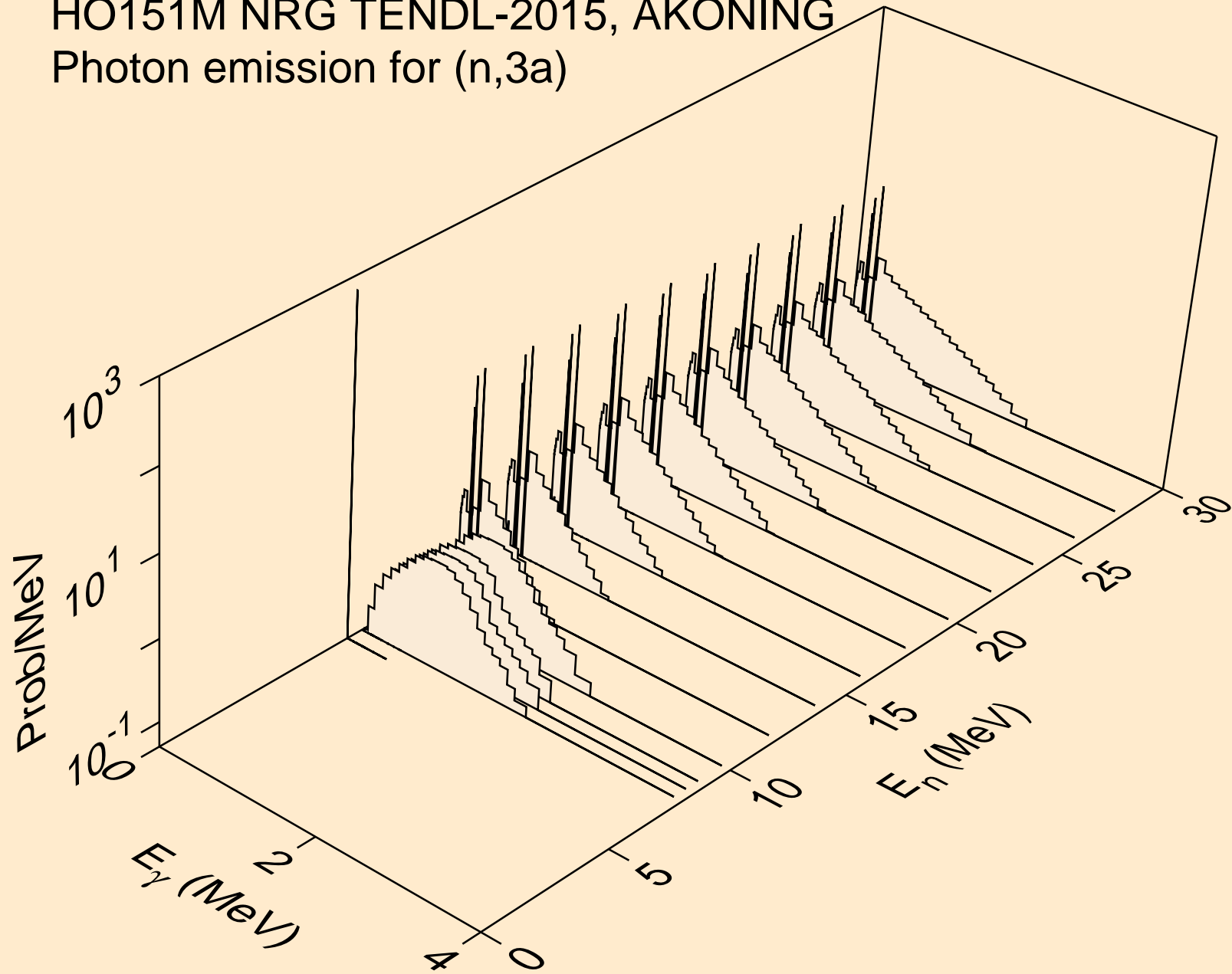
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Photon emission for (n,a)



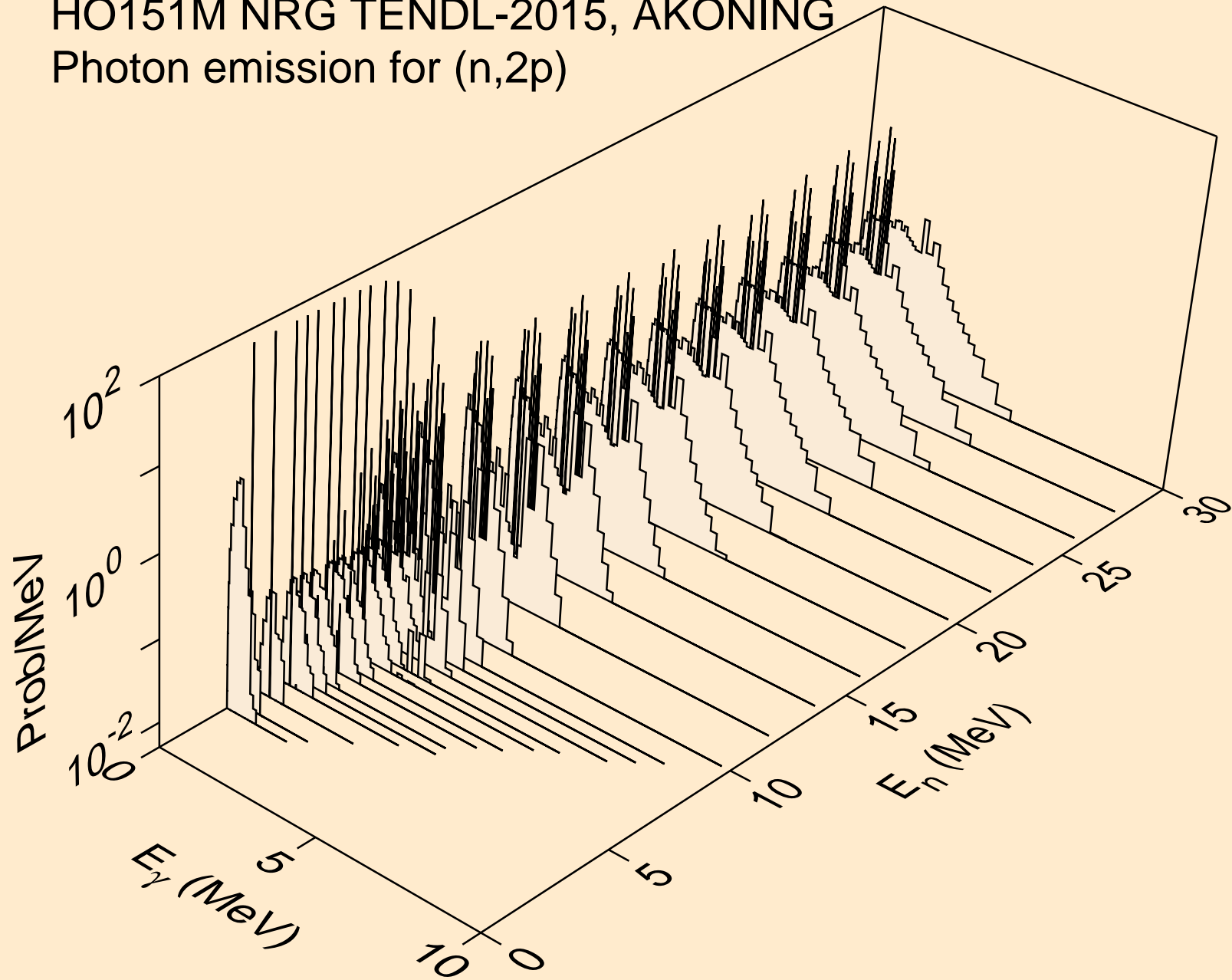
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Photon emission for (n,2a)



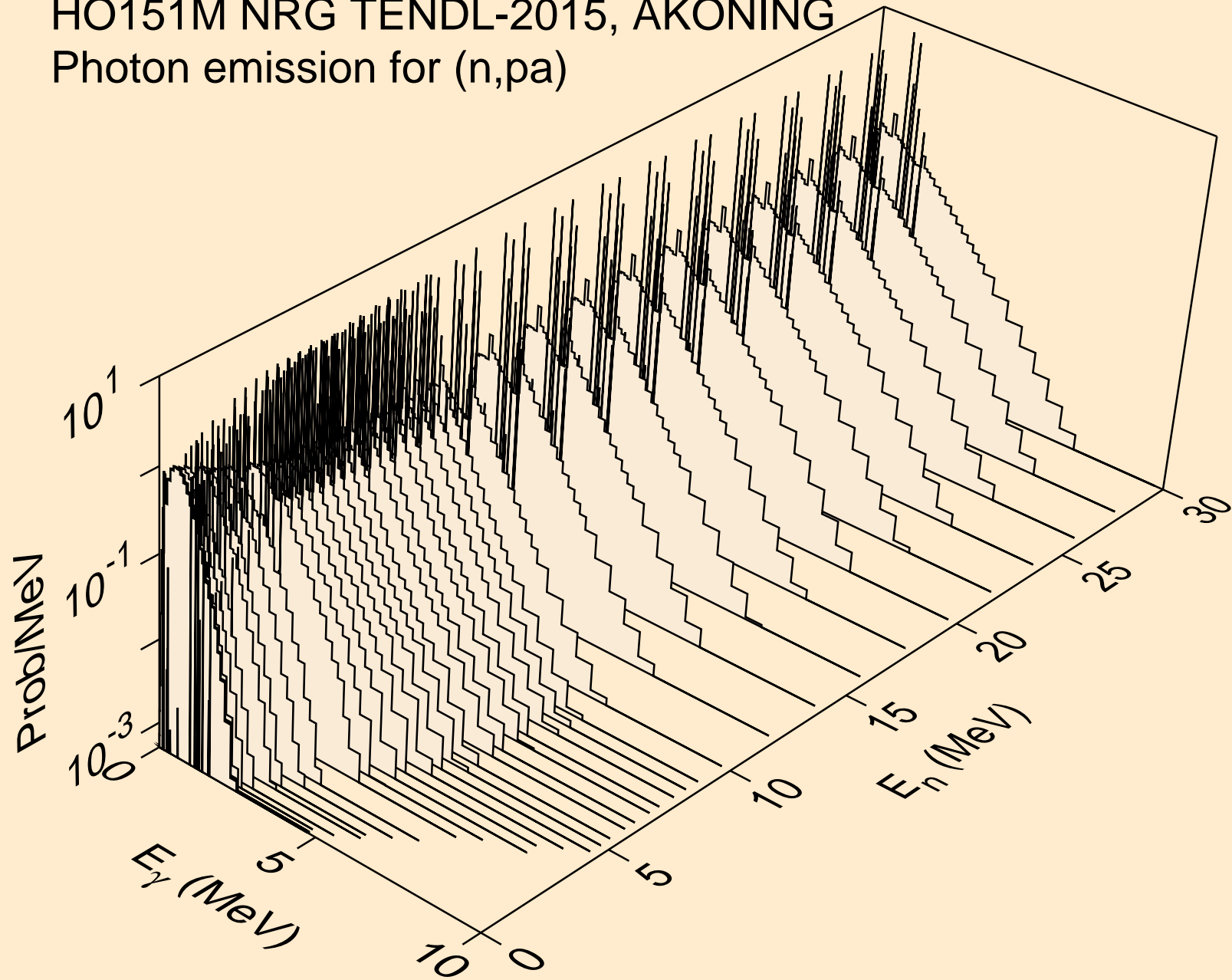
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Photon emission for (n,3a)



HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

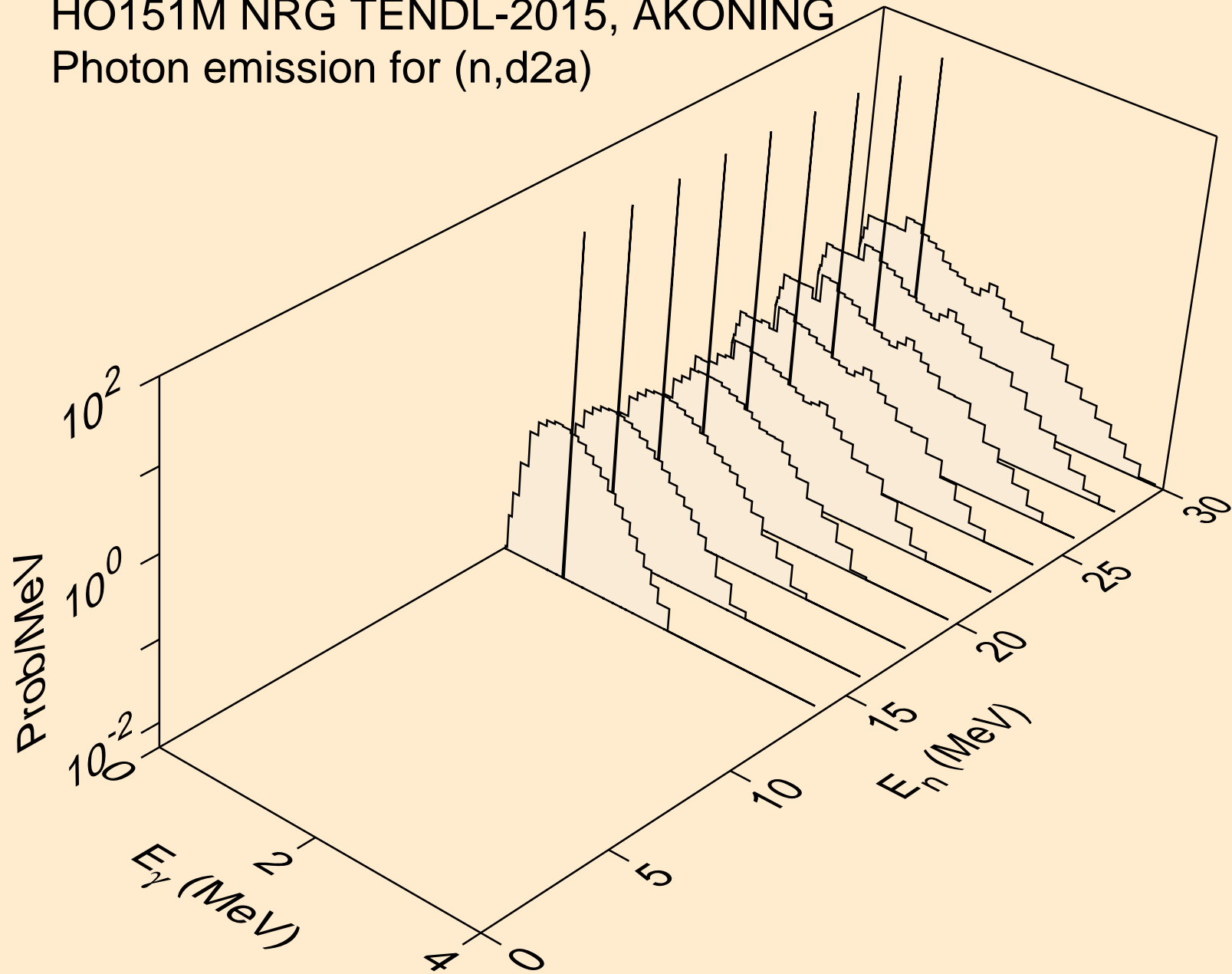


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Photon emission for (n,pa)

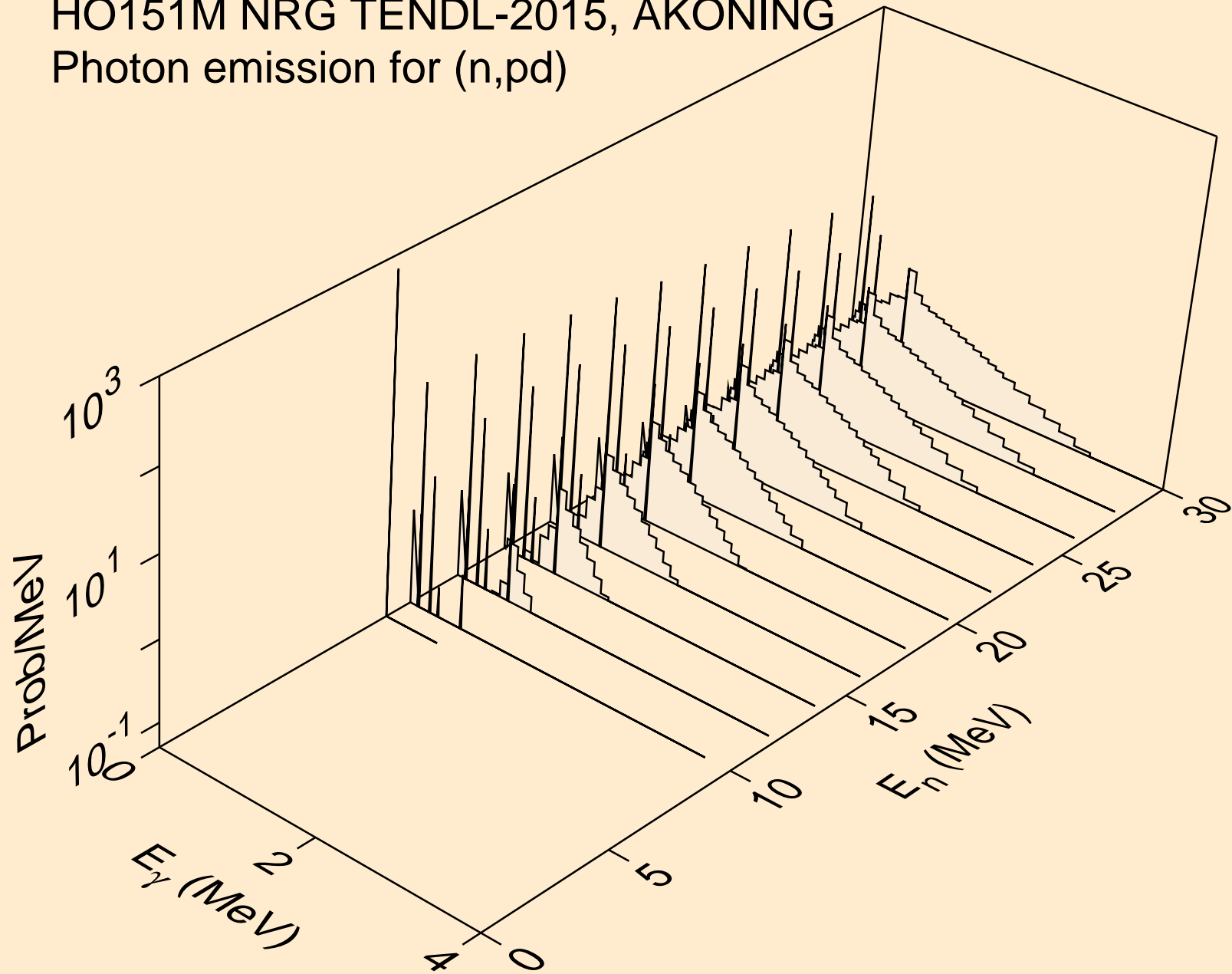




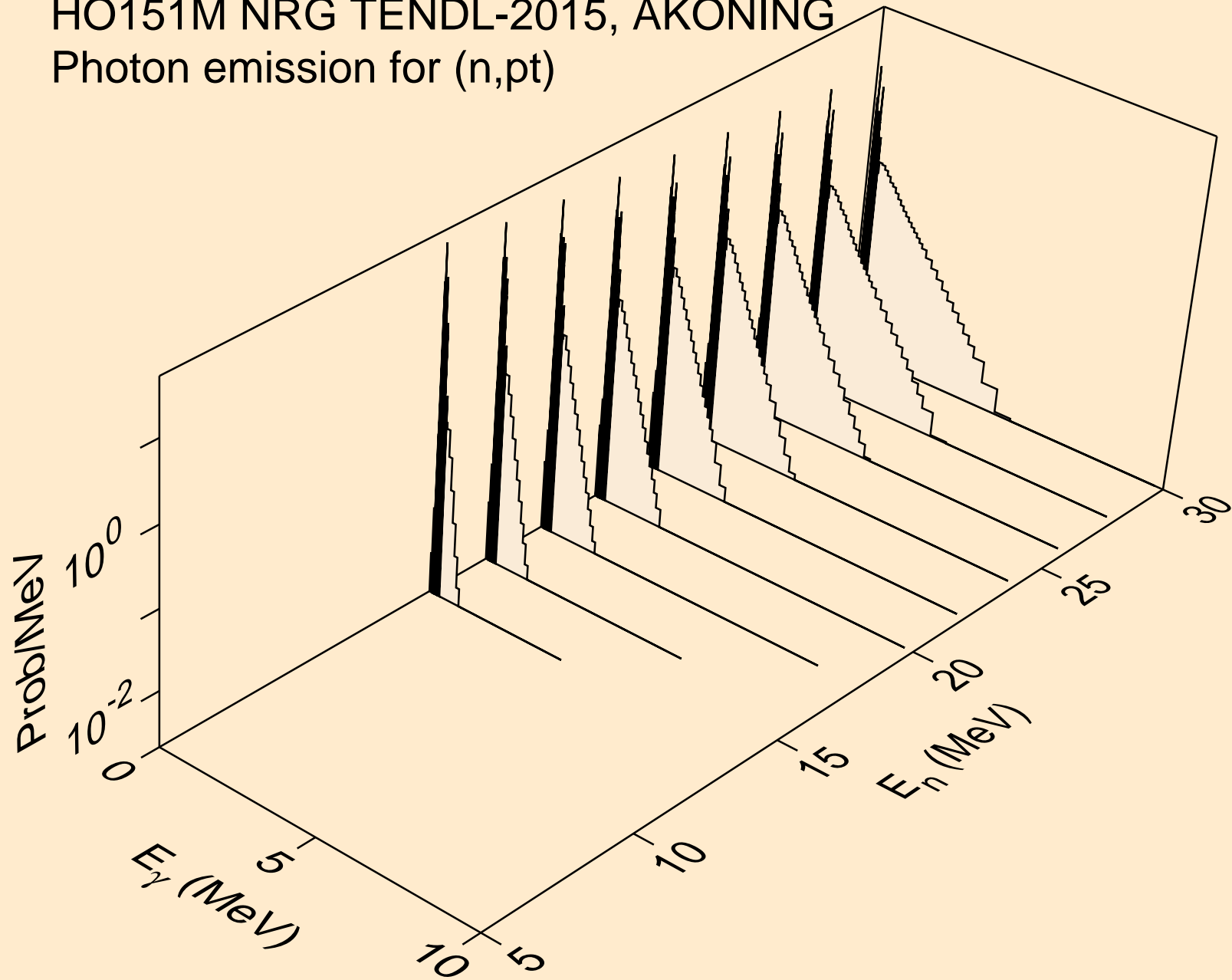
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Photon emission for (n,d2a)



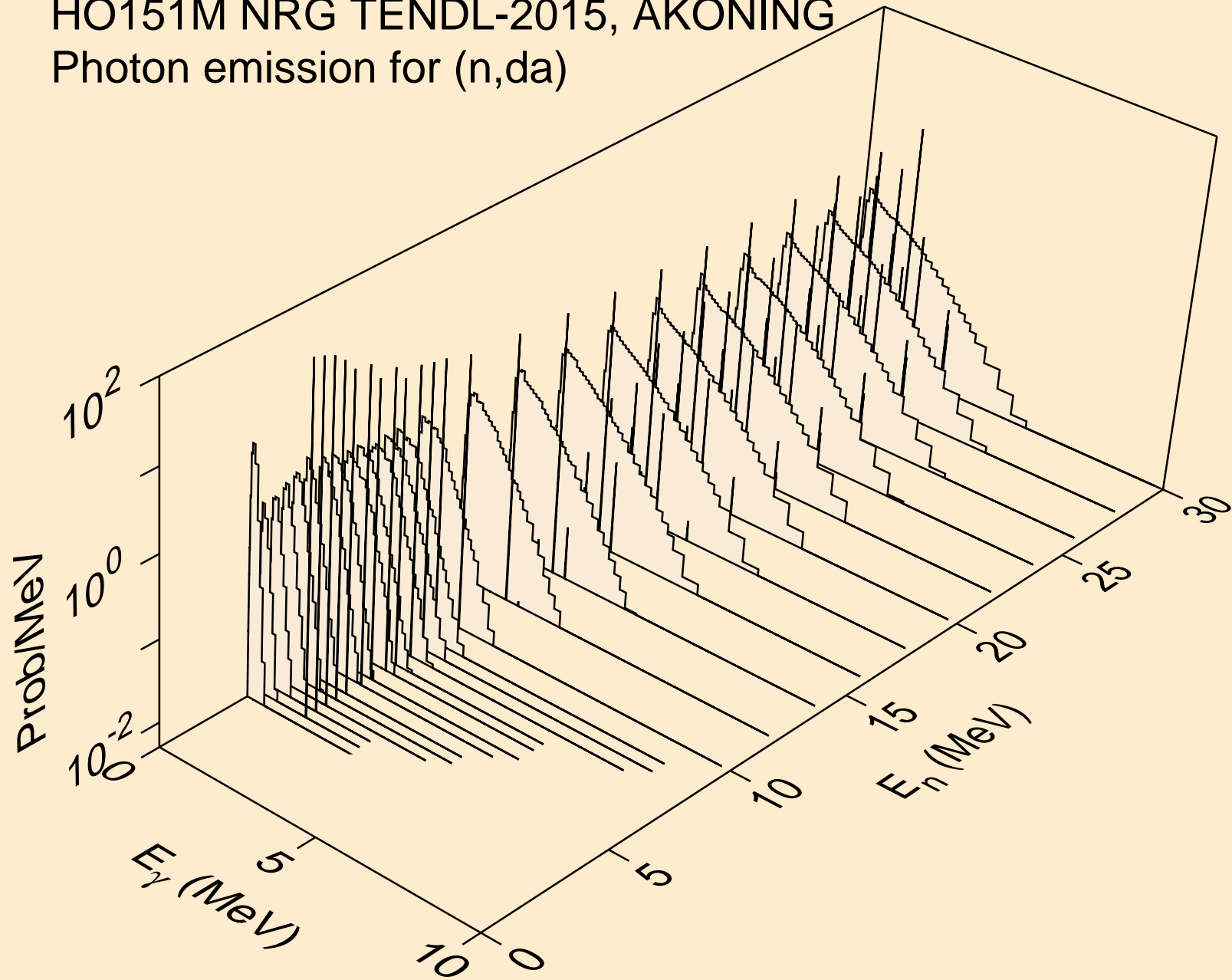
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Photon emission for (n,pd)



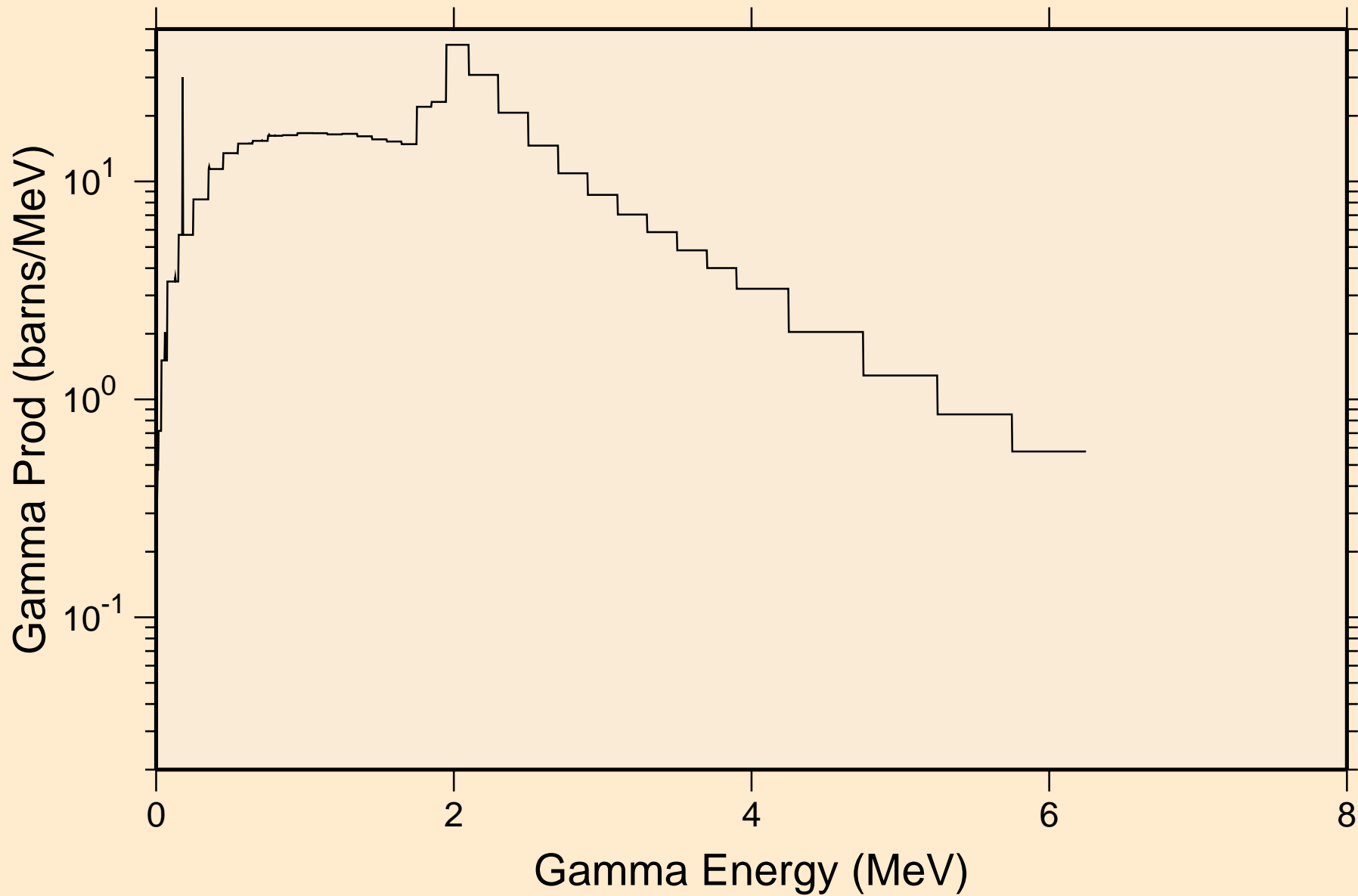
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Photon emission for (n,pt)



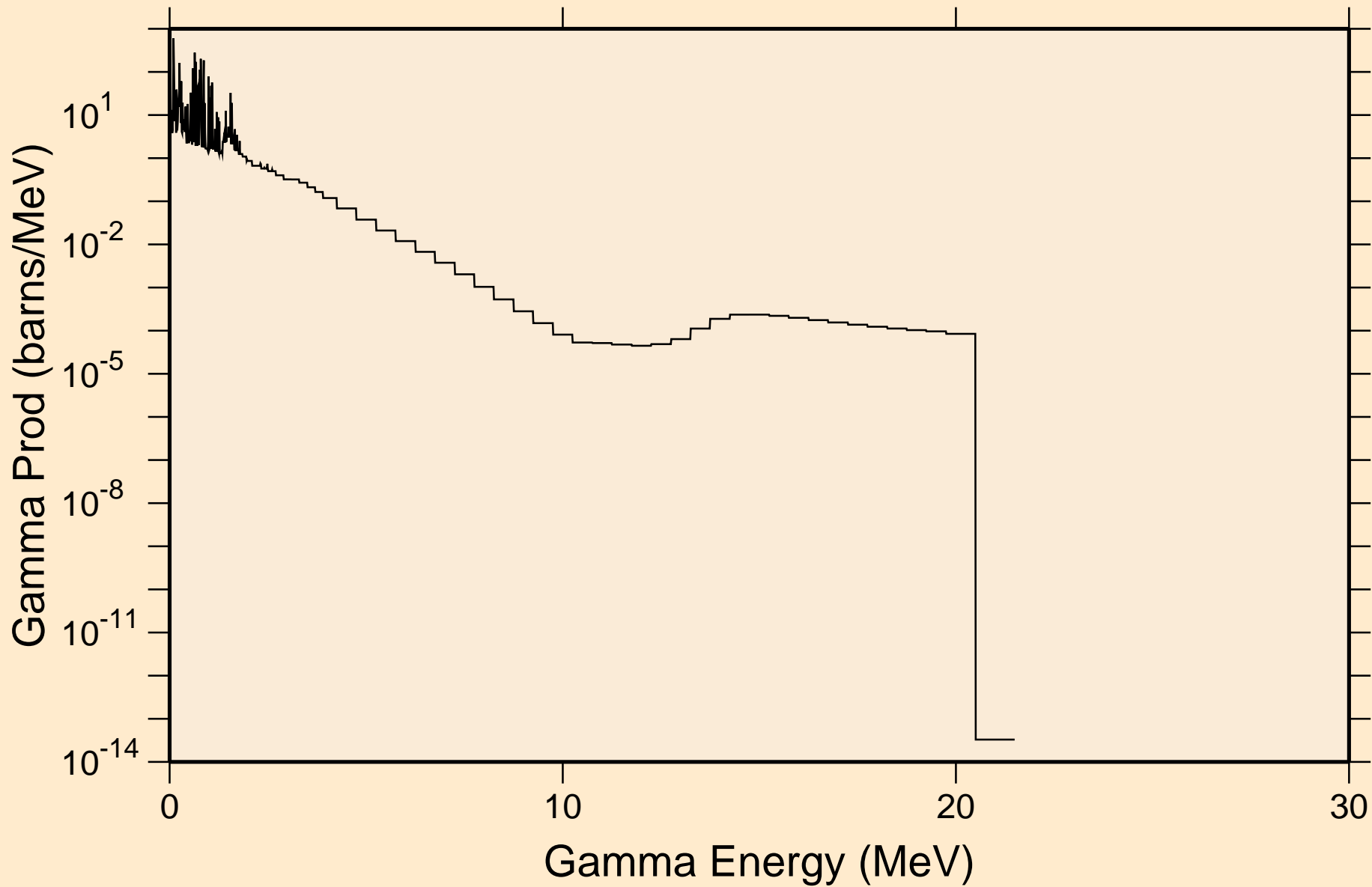
HO151M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



HO151M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

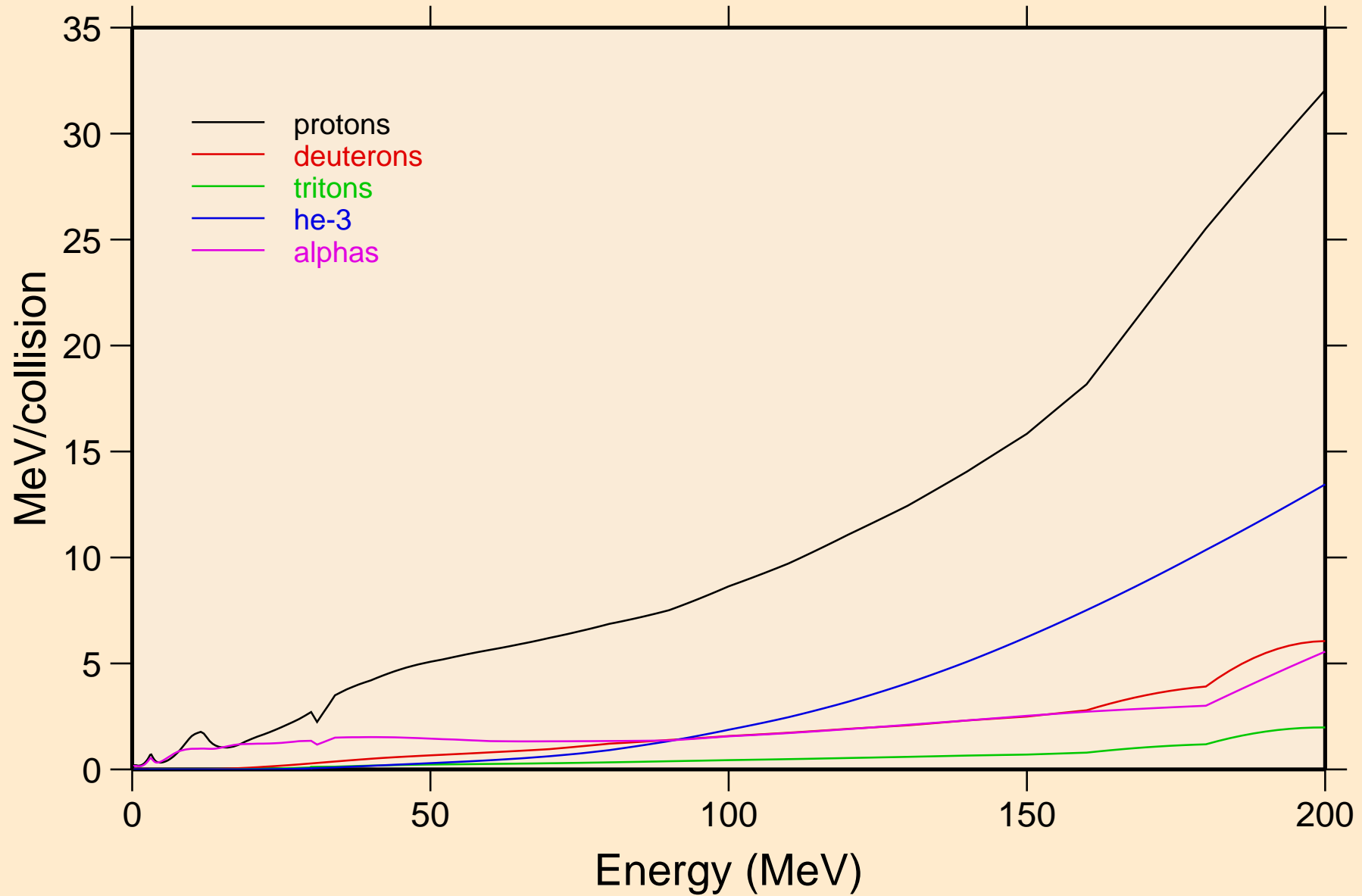


HO151M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



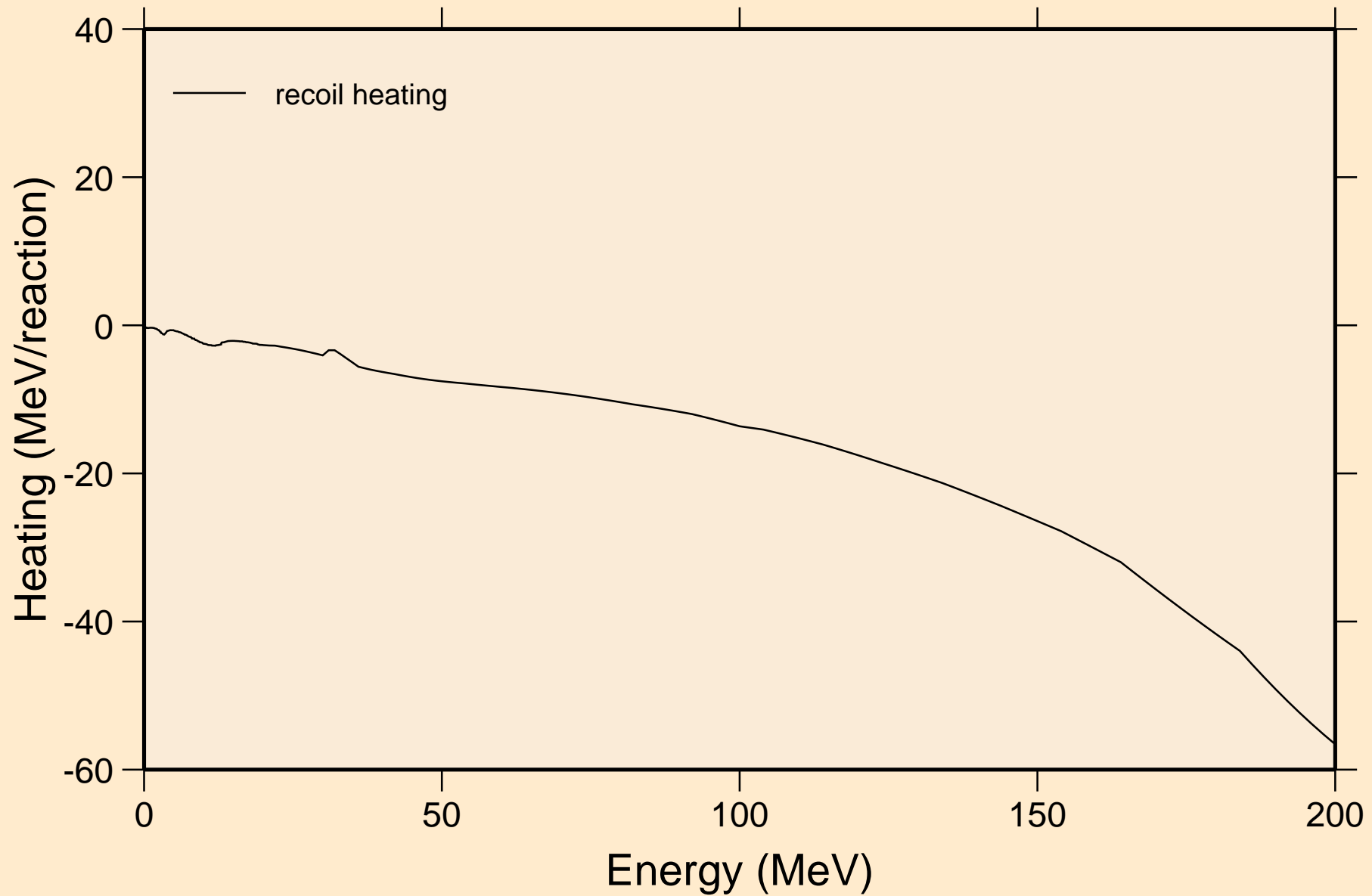
# HO151M NRG TENDL-2015, AKONING

## Particle heating contributions



# HO151M NRG TENDL-2015, AKONING

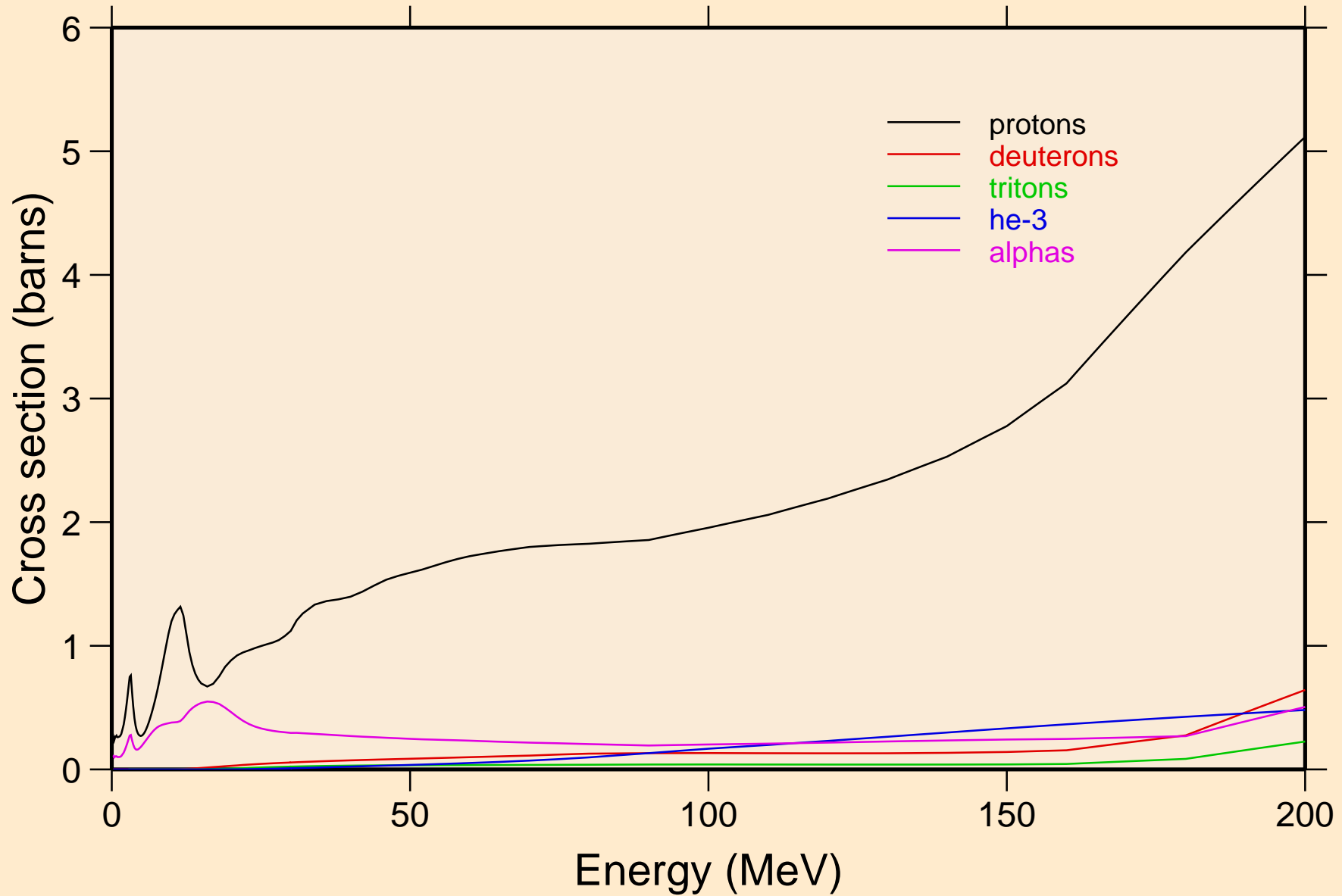
## Recoil Heating



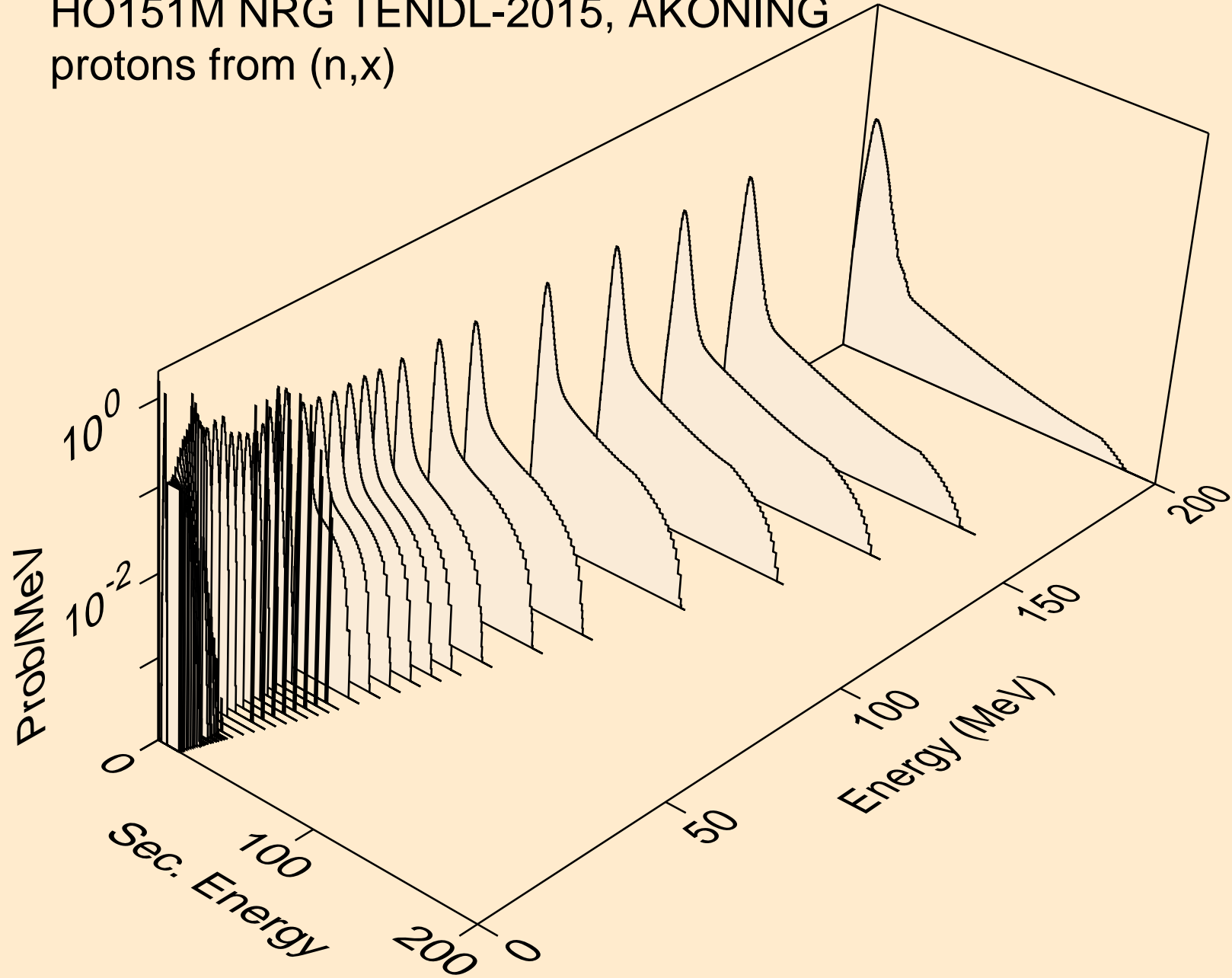


# HO151M NRG TENDL-2015, AKONING

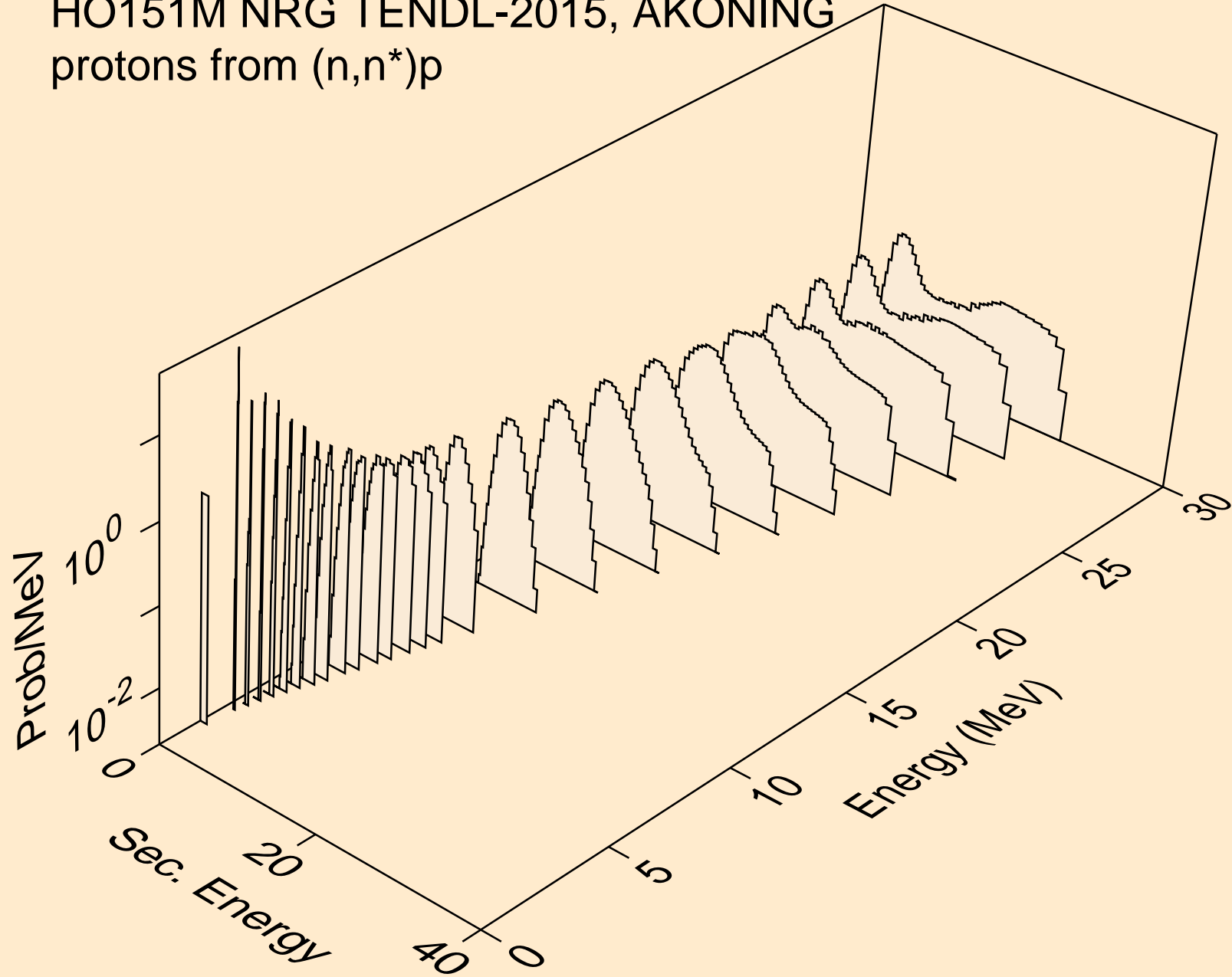
## Particle production cross sections



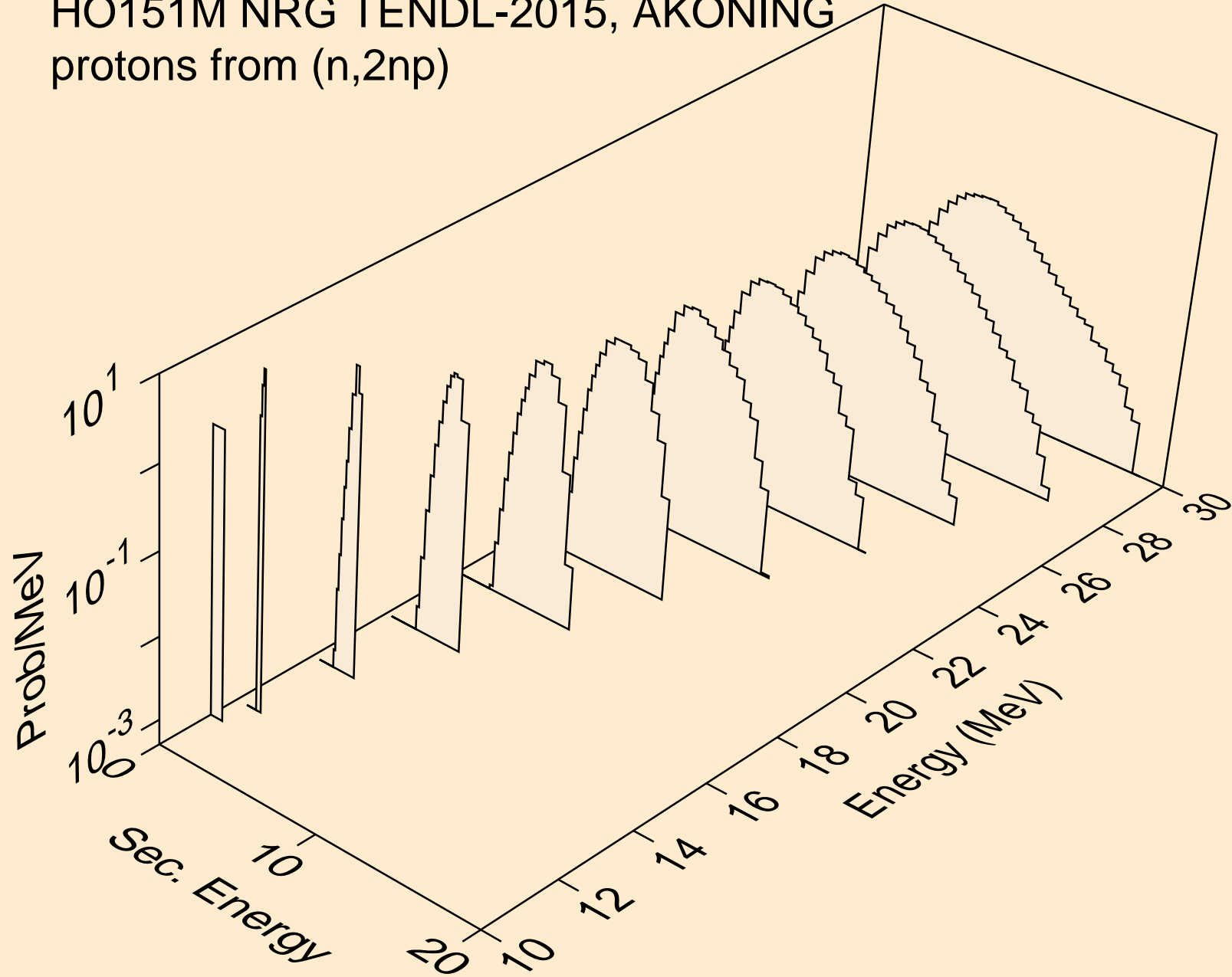
HO151M NRG TENDL-2015, AKONING  
protons from (n,x)



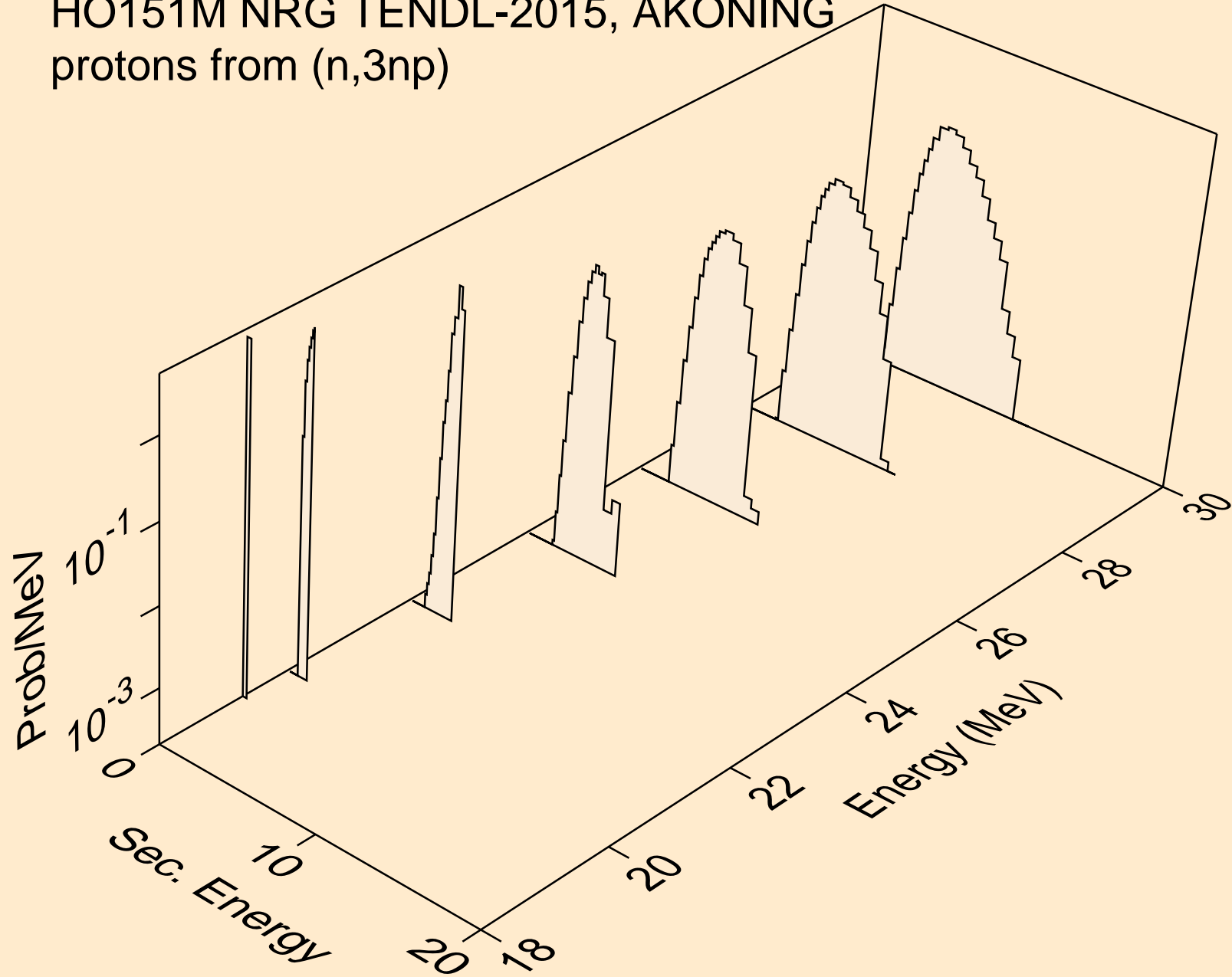
HO151M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



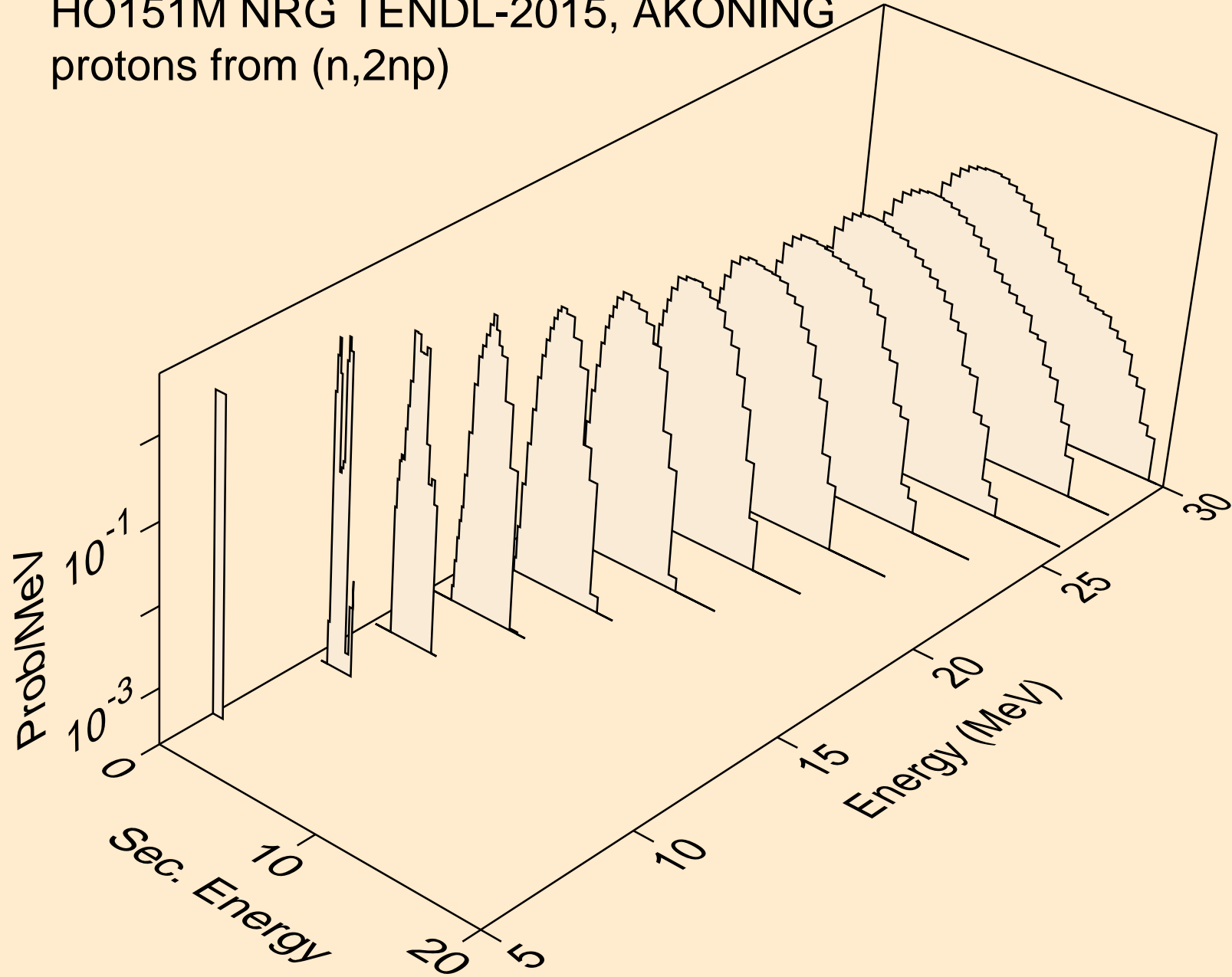
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protons from (n,2np)



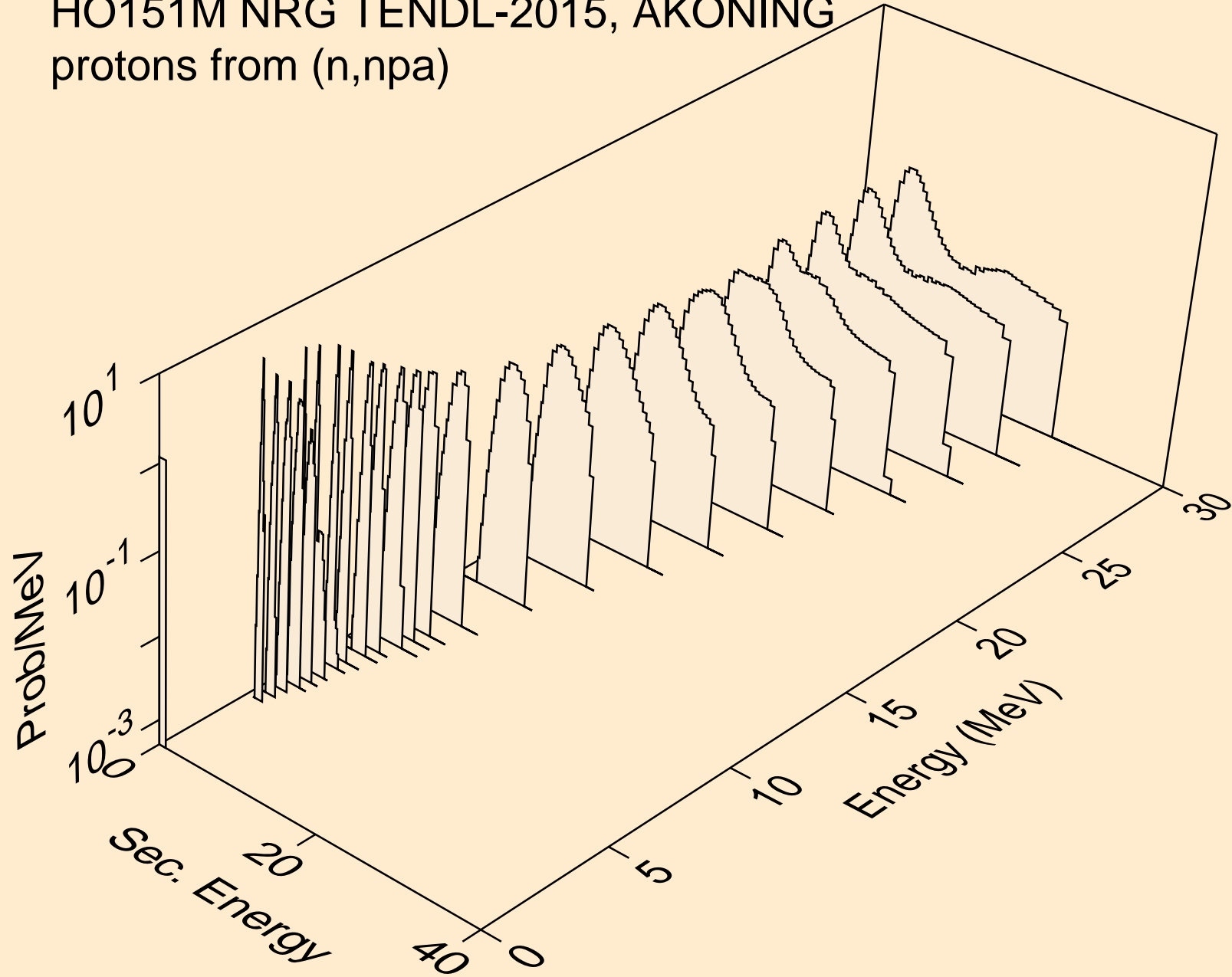
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protons from (n,3np)



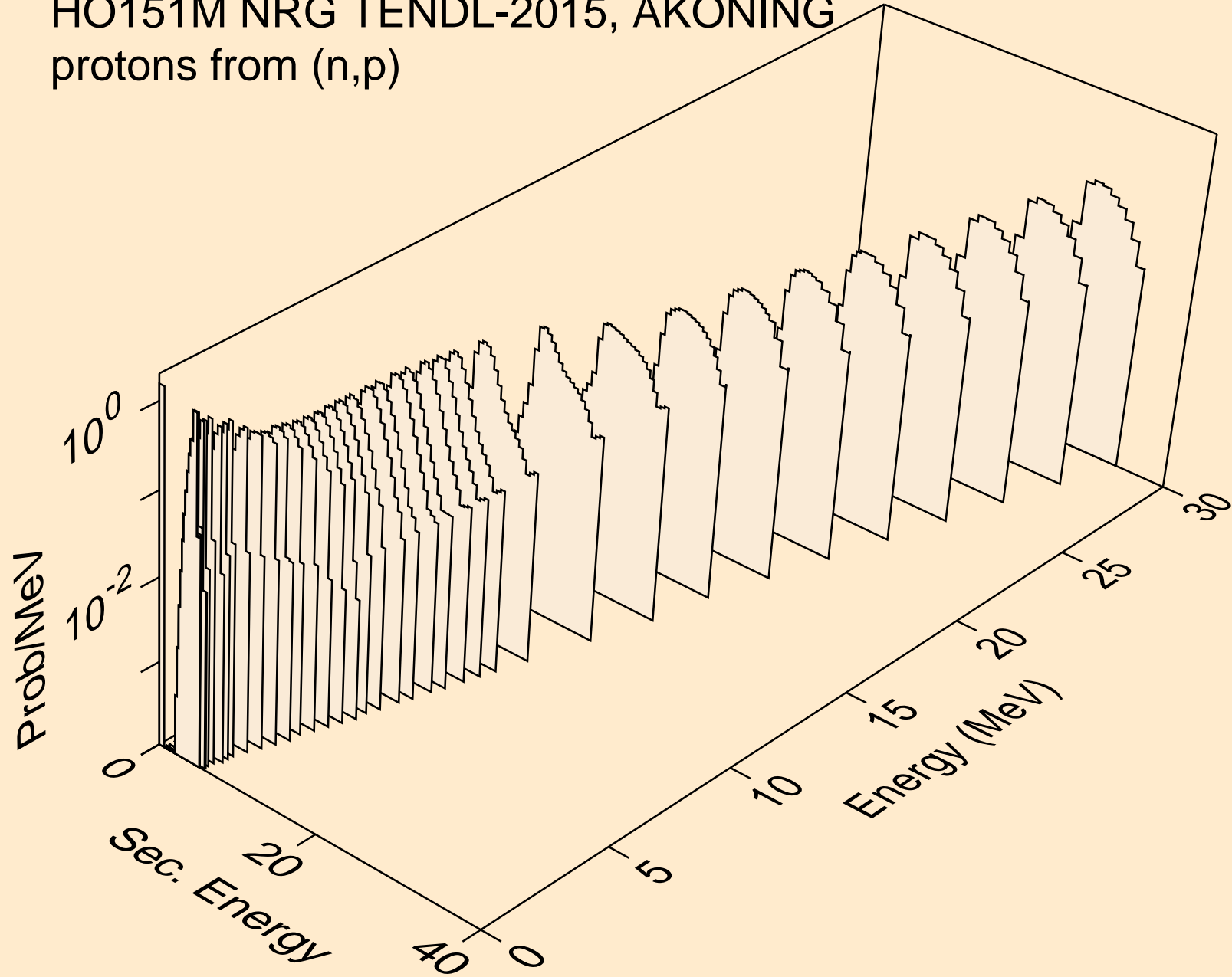
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protons from (n,2np)



HO151M NRG TENDL-2015, AKONING  
protons from (n,npa)

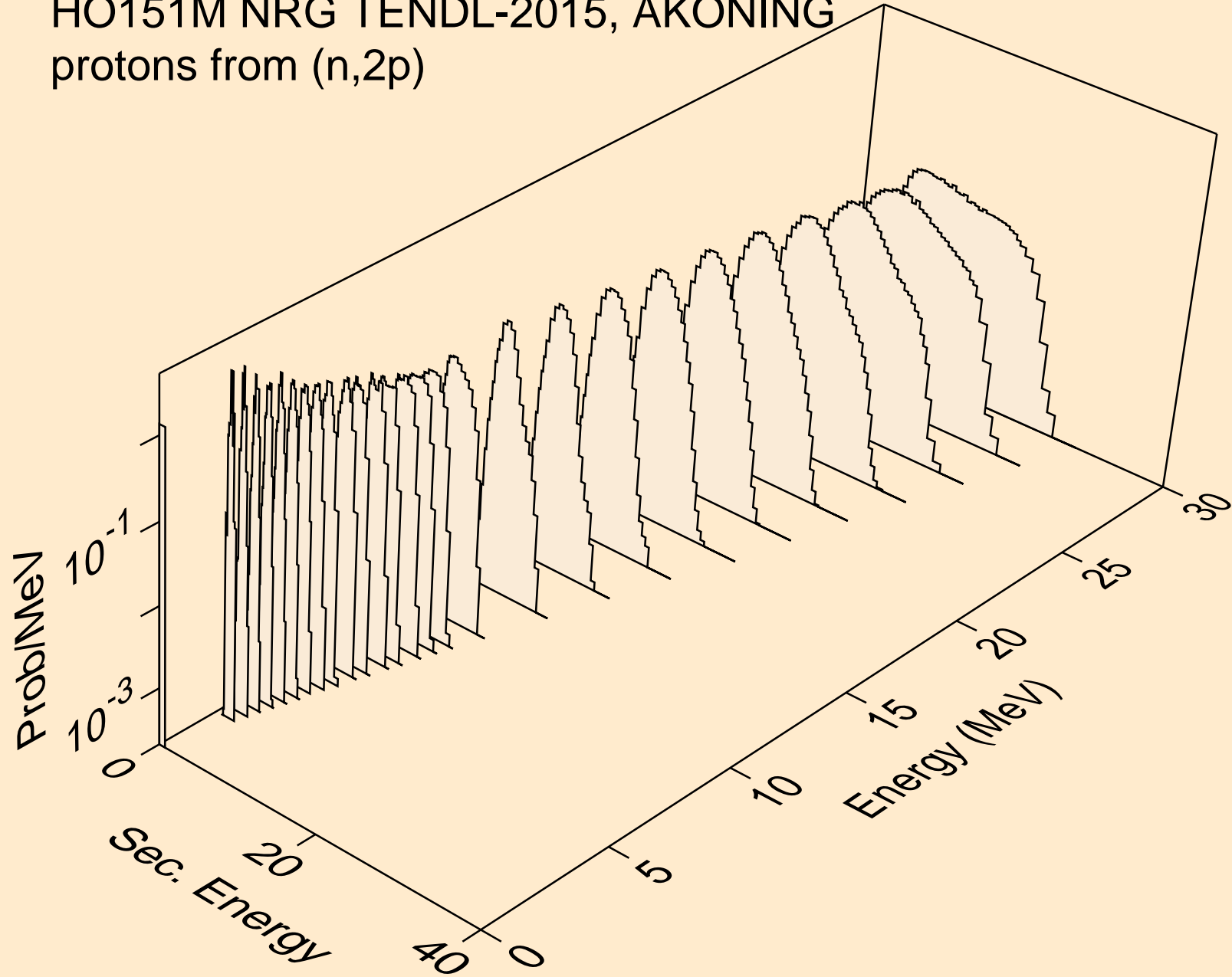


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protons from (n,p)

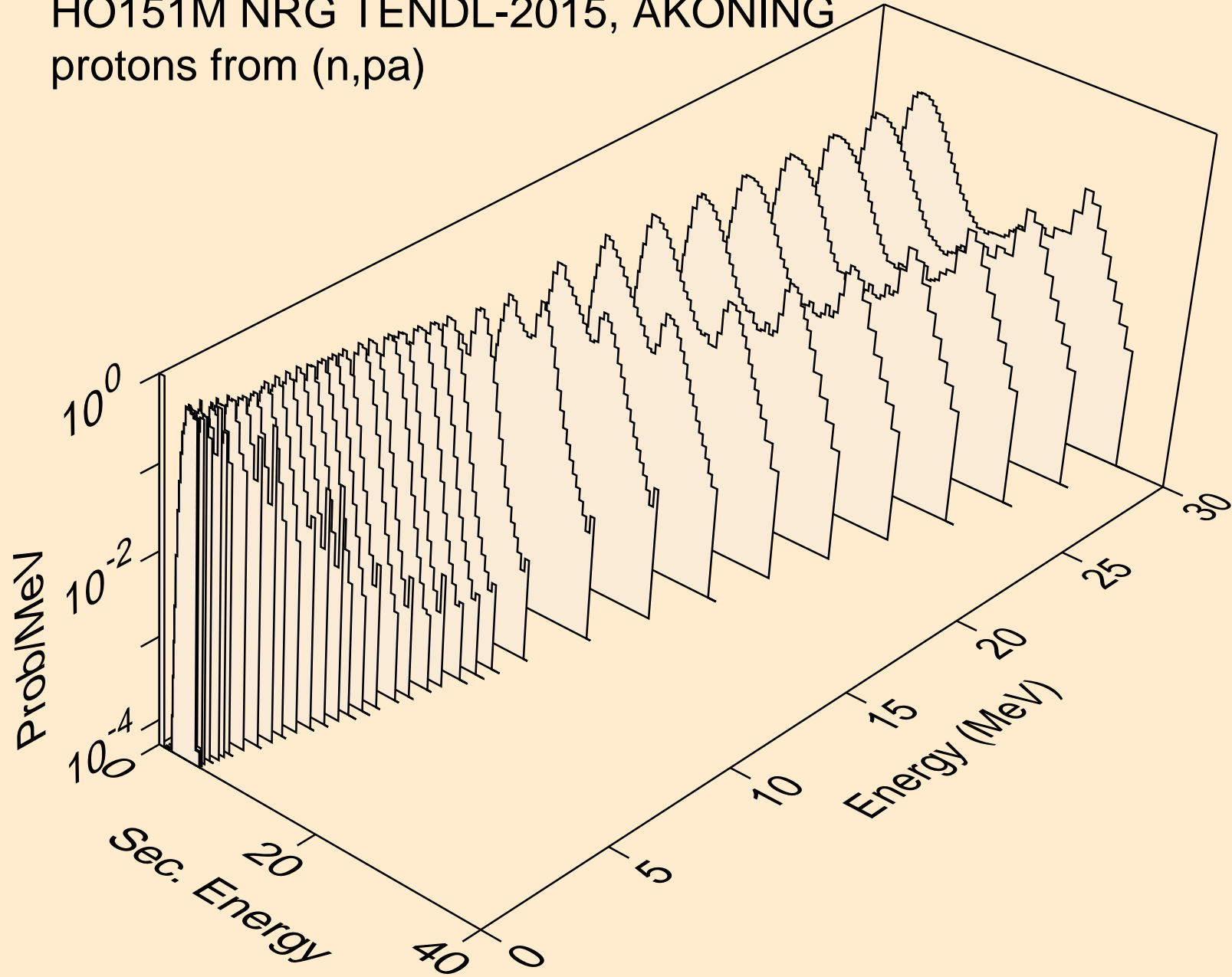




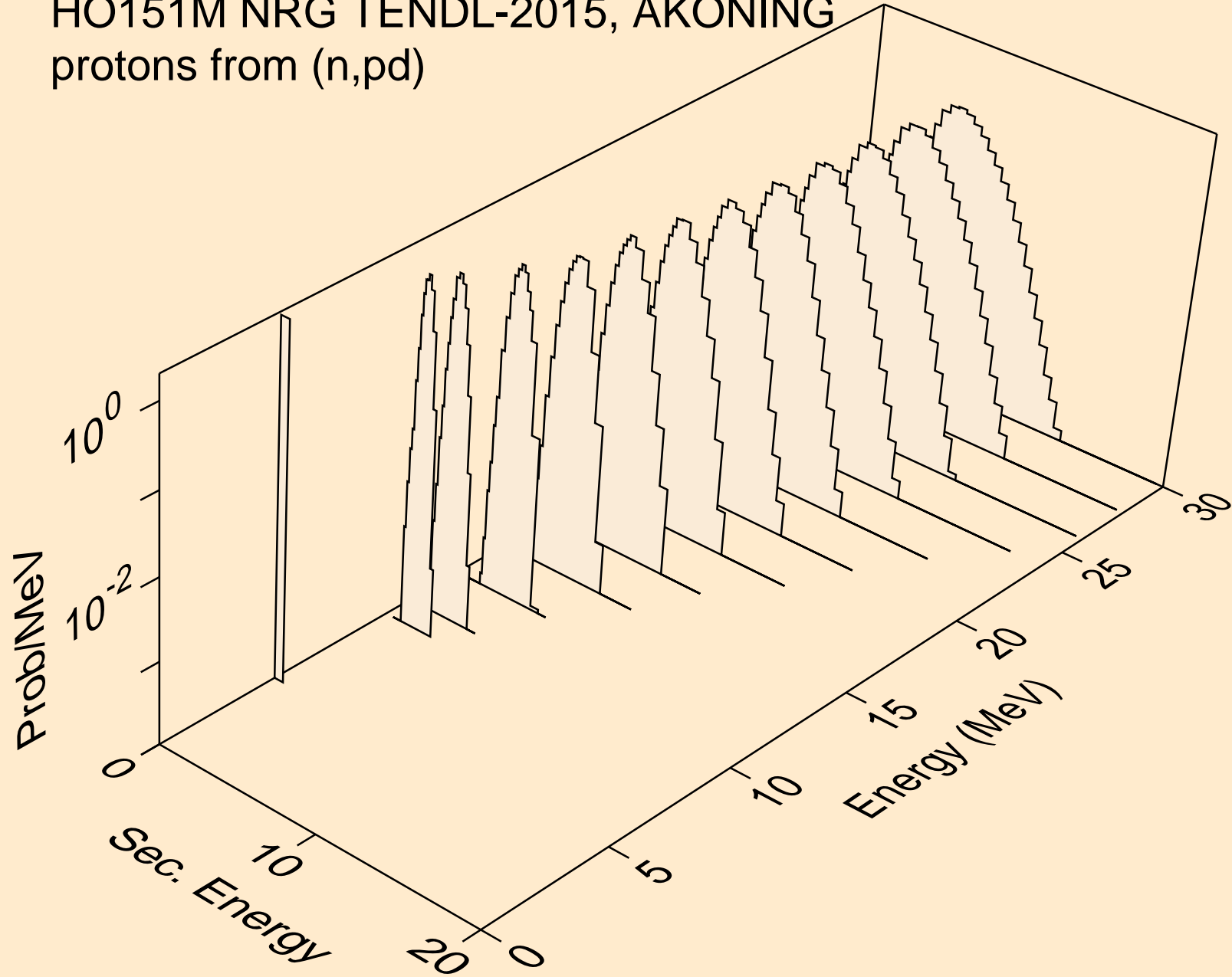
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protons from (n,2p)



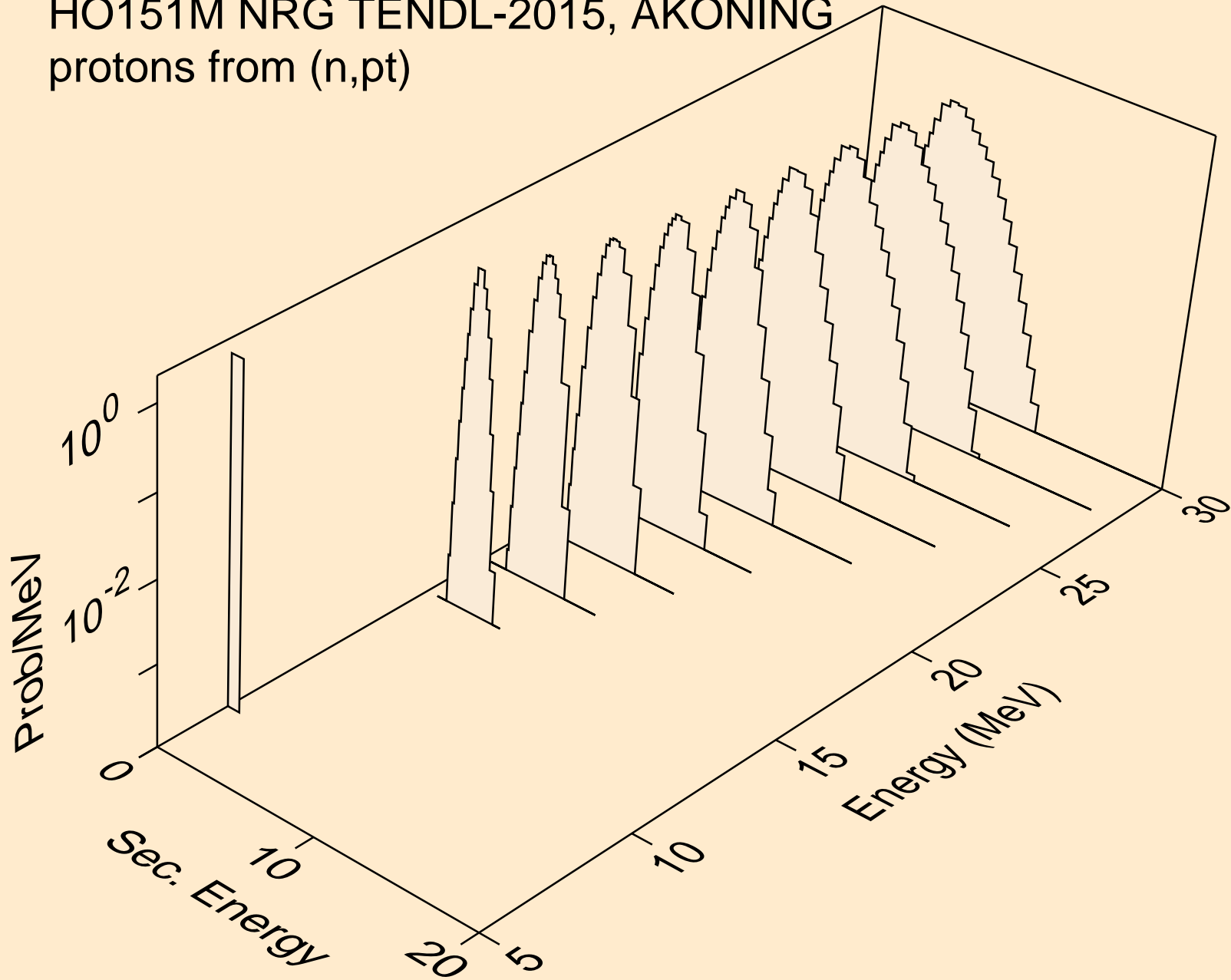
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protons from (n,pa)



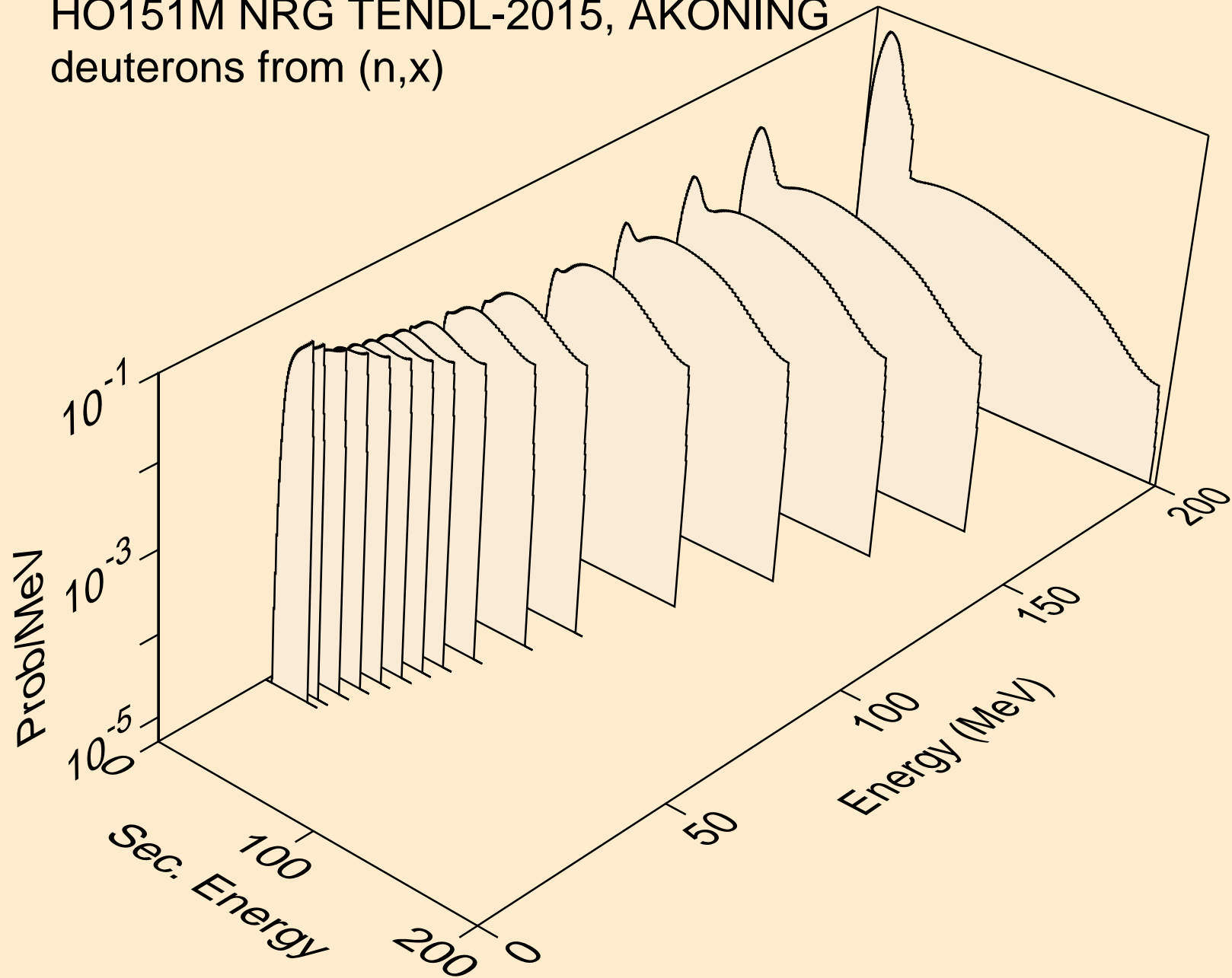
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protons from (n,pd)



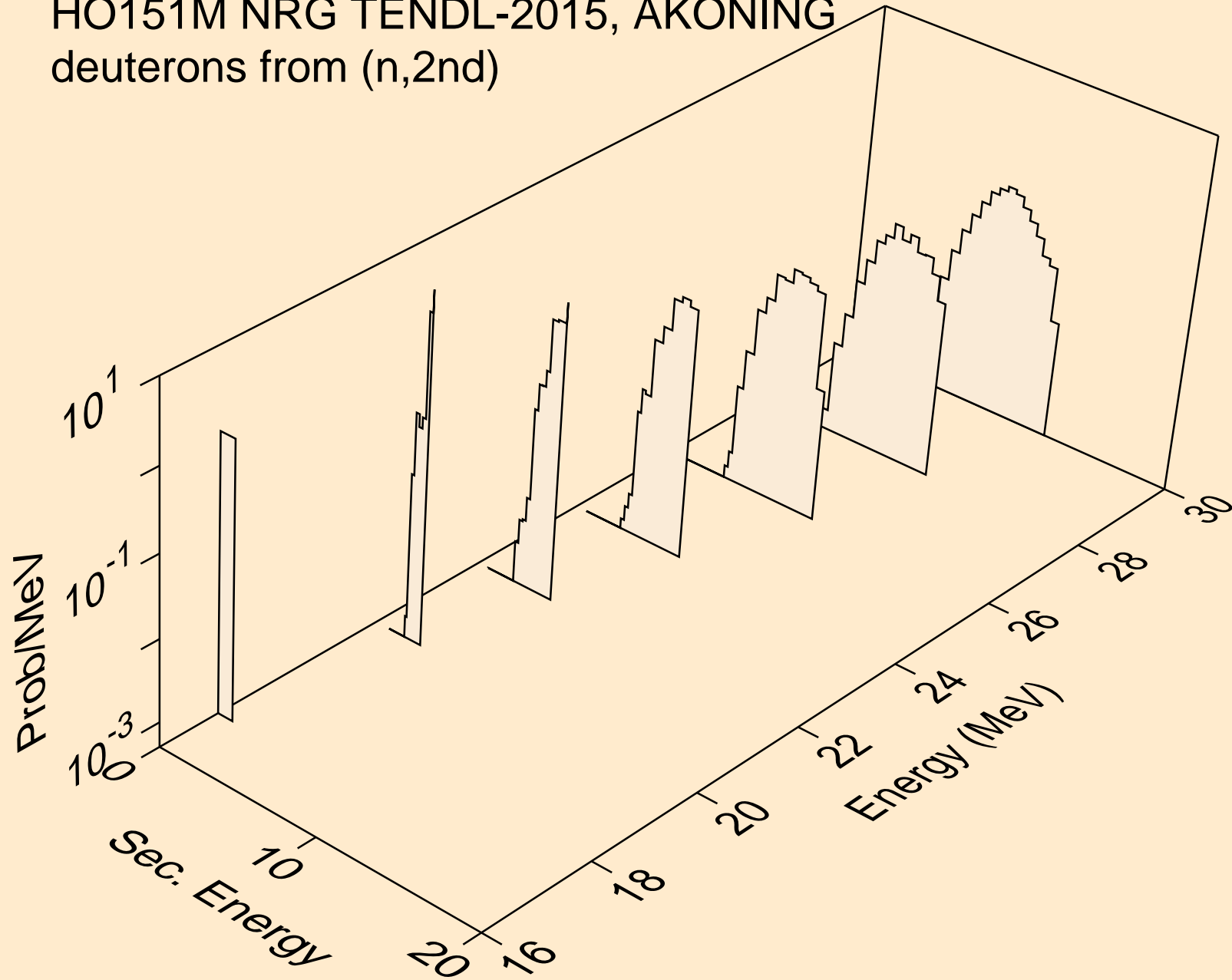
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protons from (n,pt)



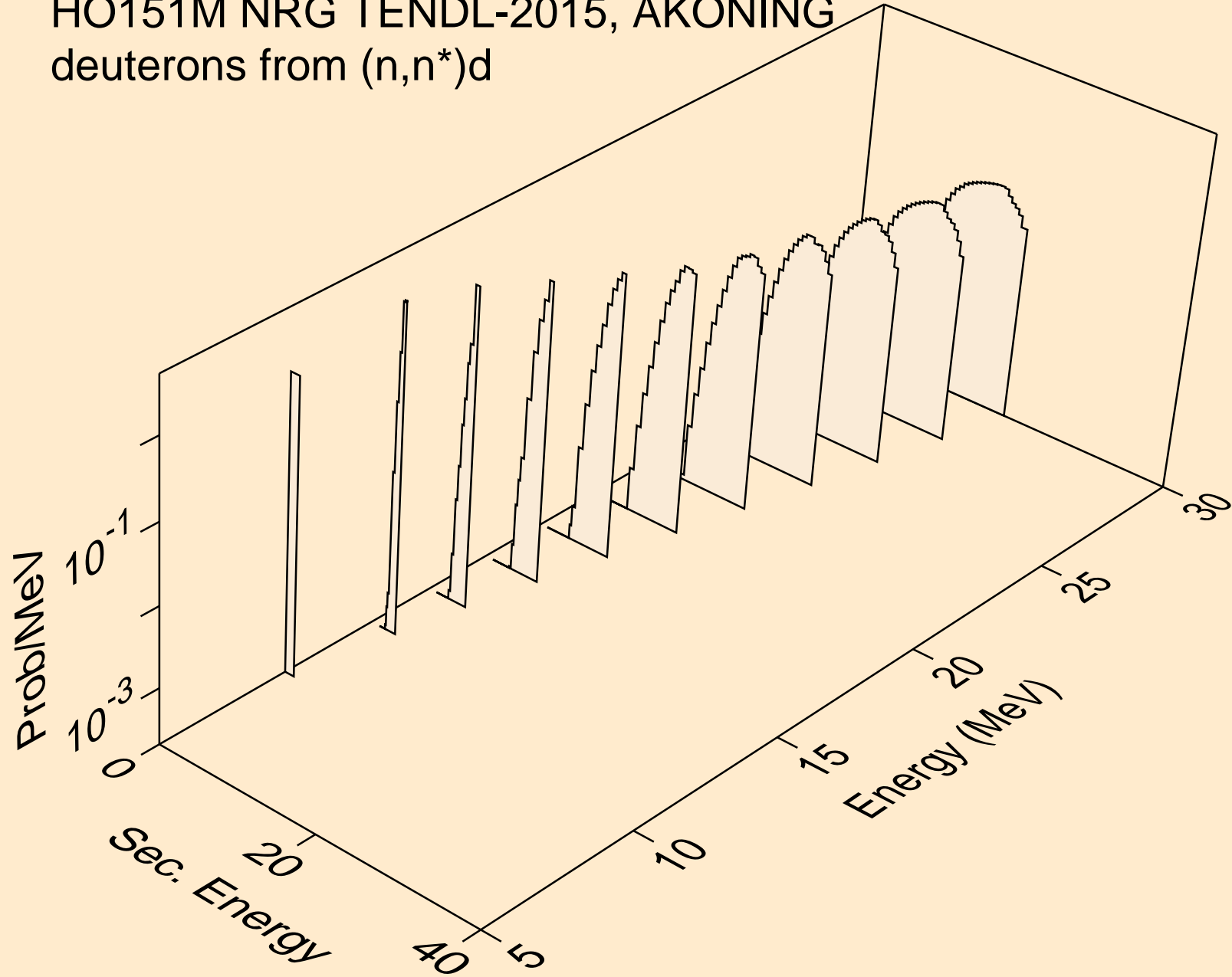
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deuterons from (n,x)



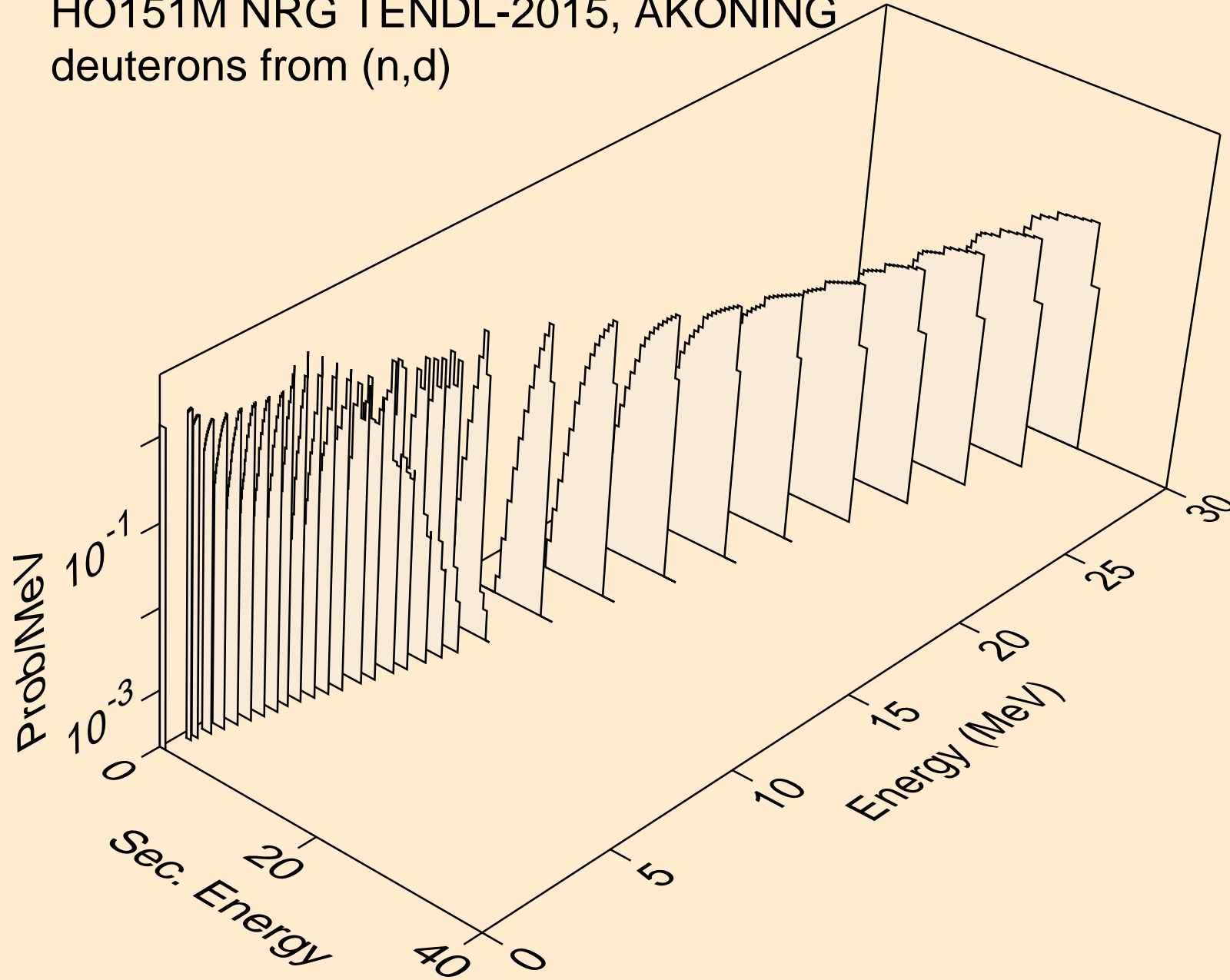
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deuterons from (n,2nd)



HO151M NRG TENDL-2015, AKONING  
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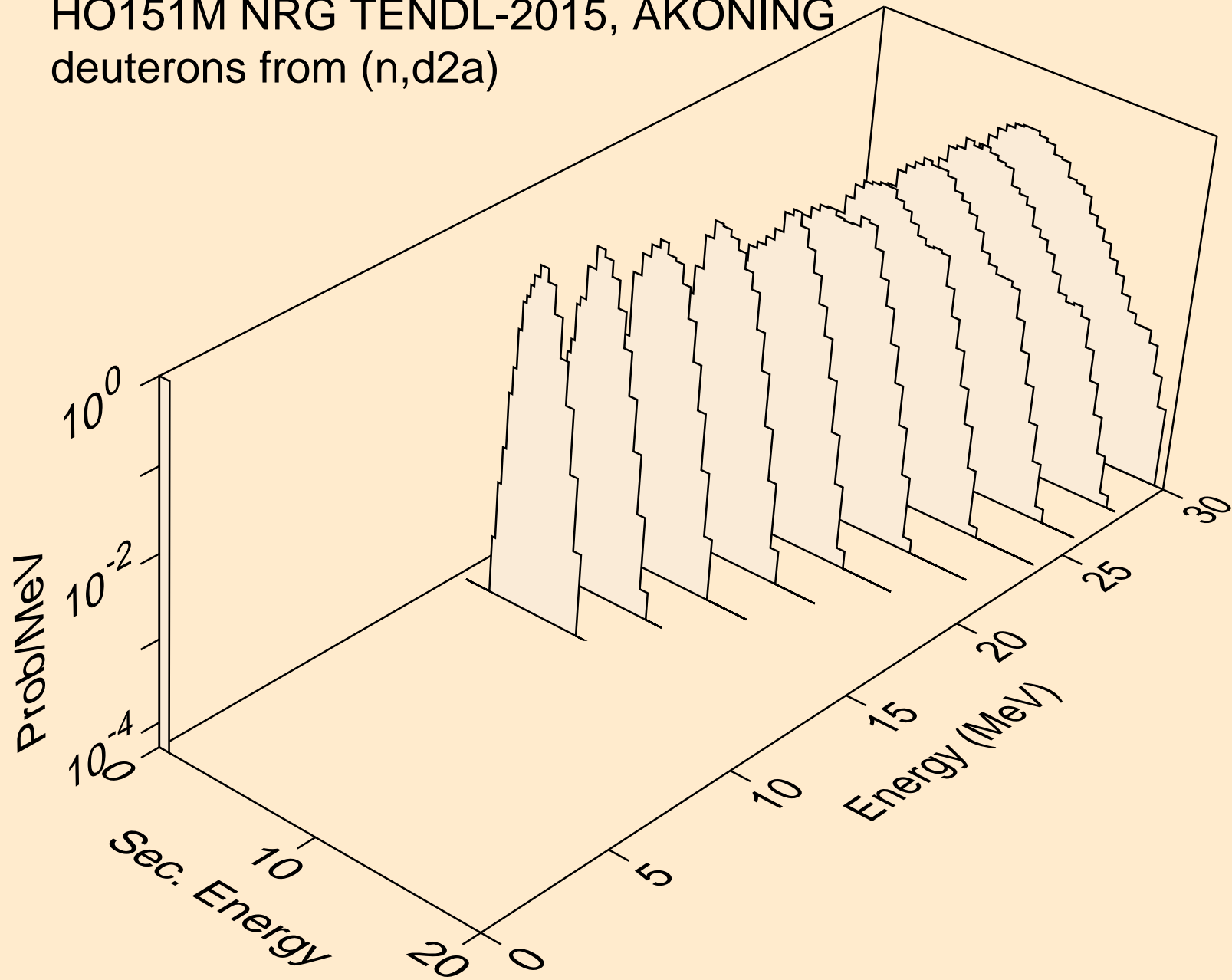


HO151M NRG TENDL-2015, AKONING  
deuterons from (n,d)

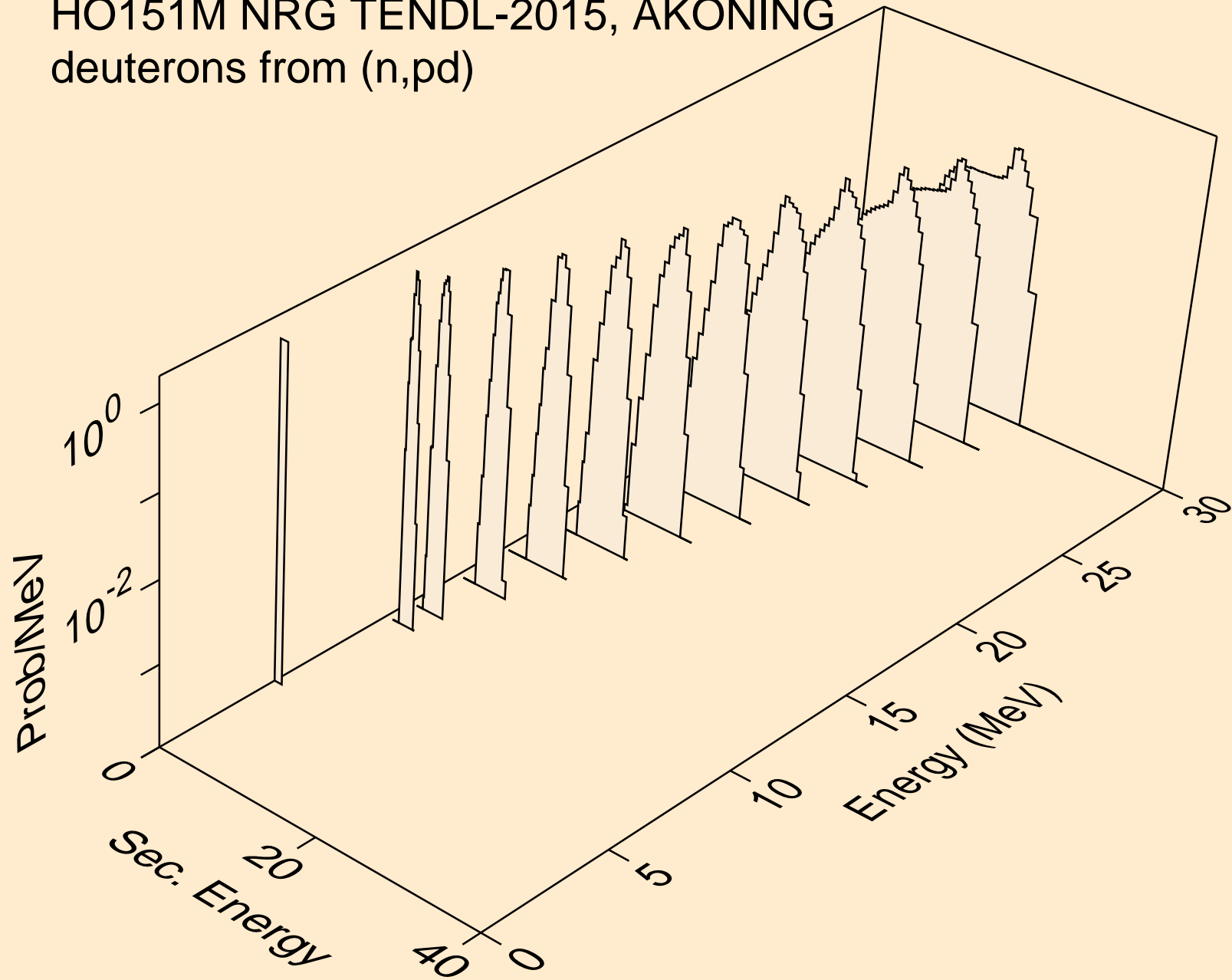




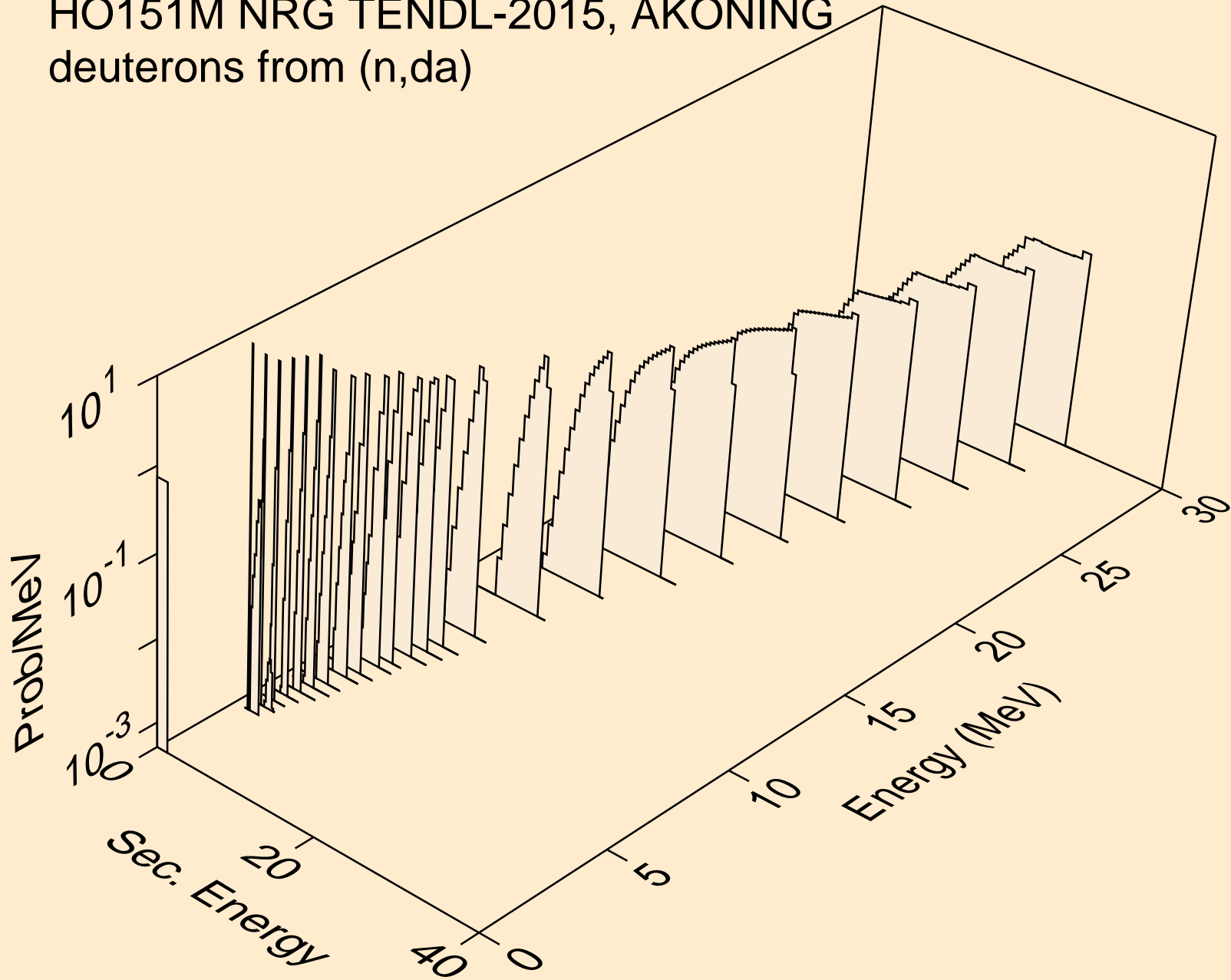
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deuterons from (n,d2a)



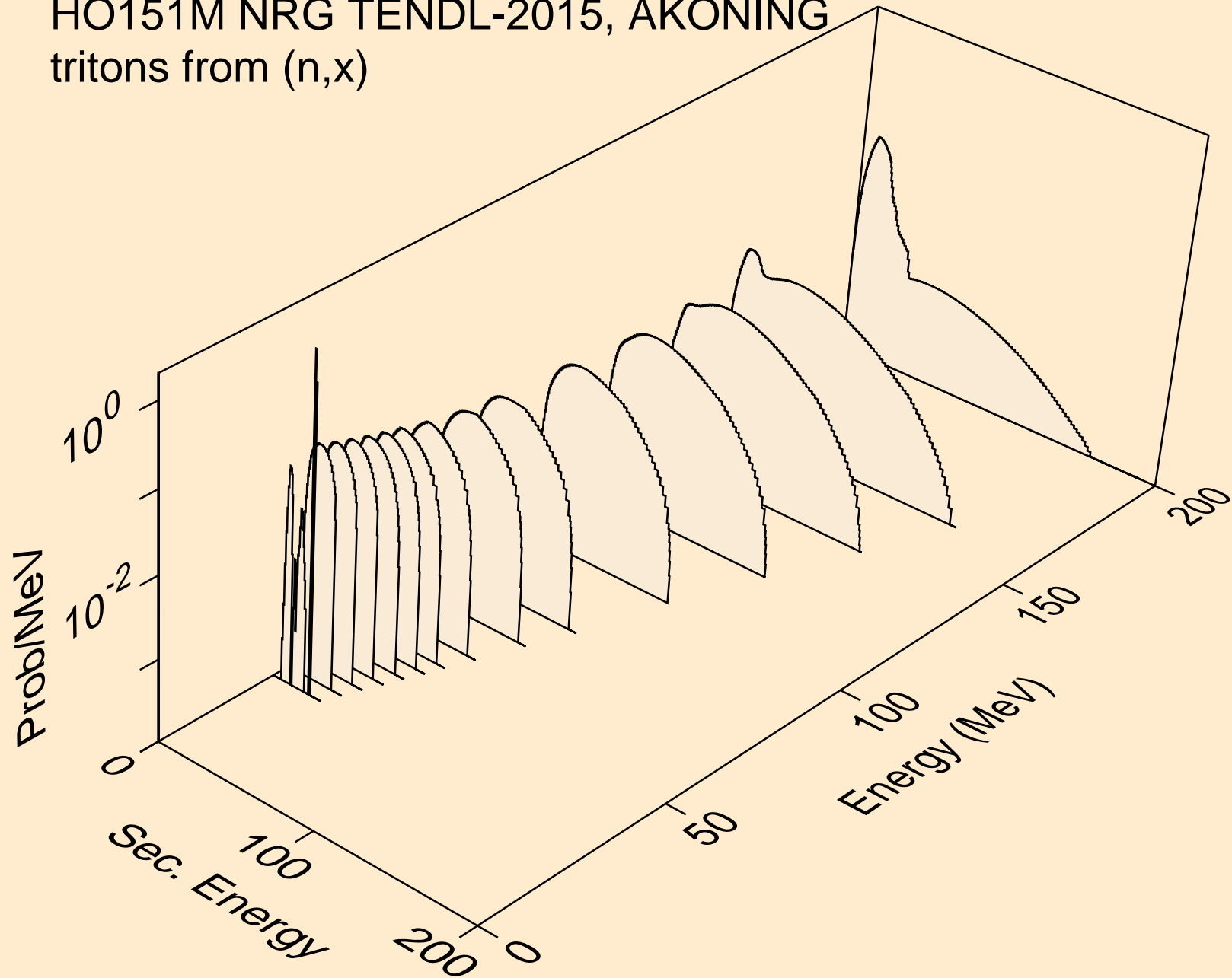
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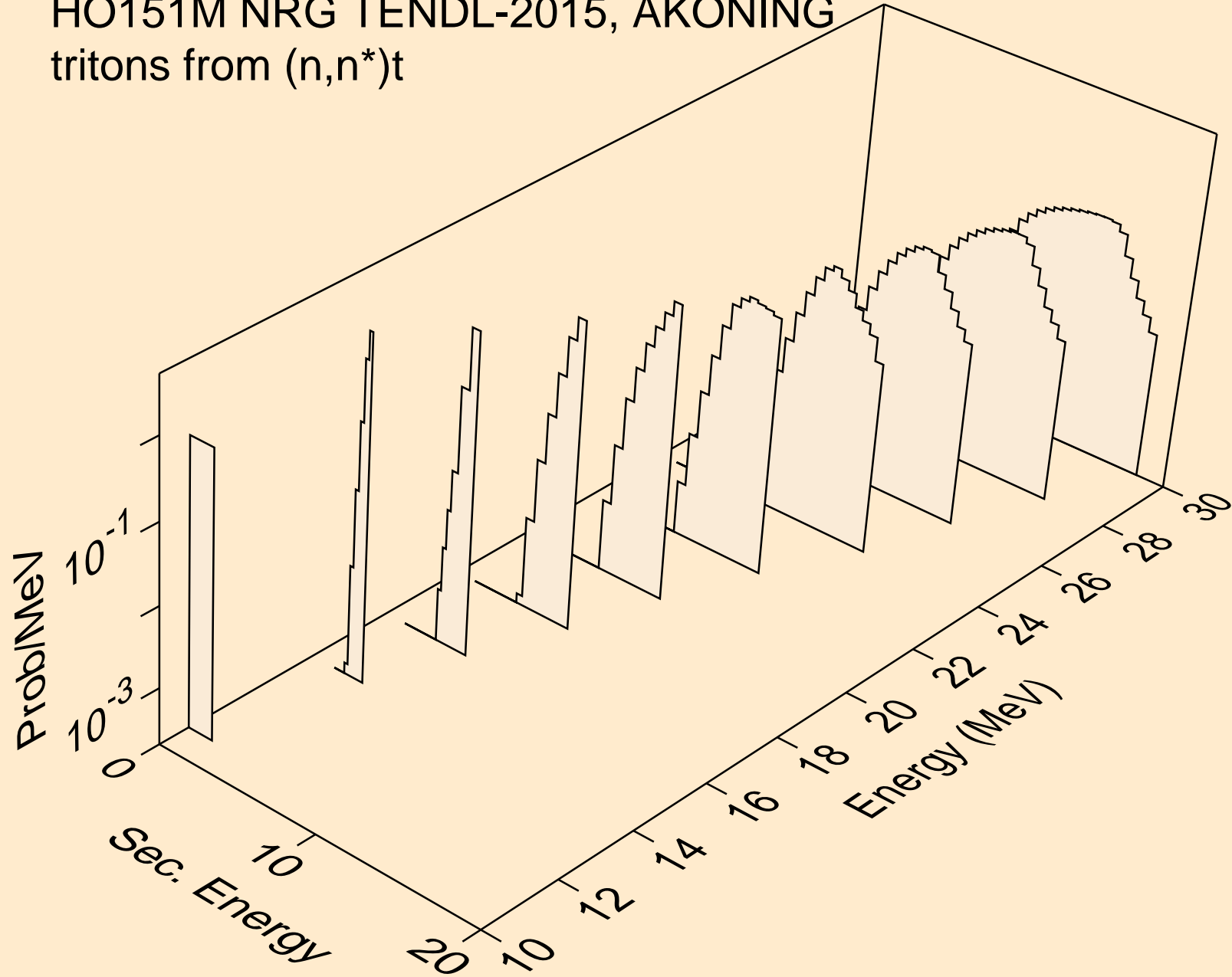
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deuterons from (n,da)



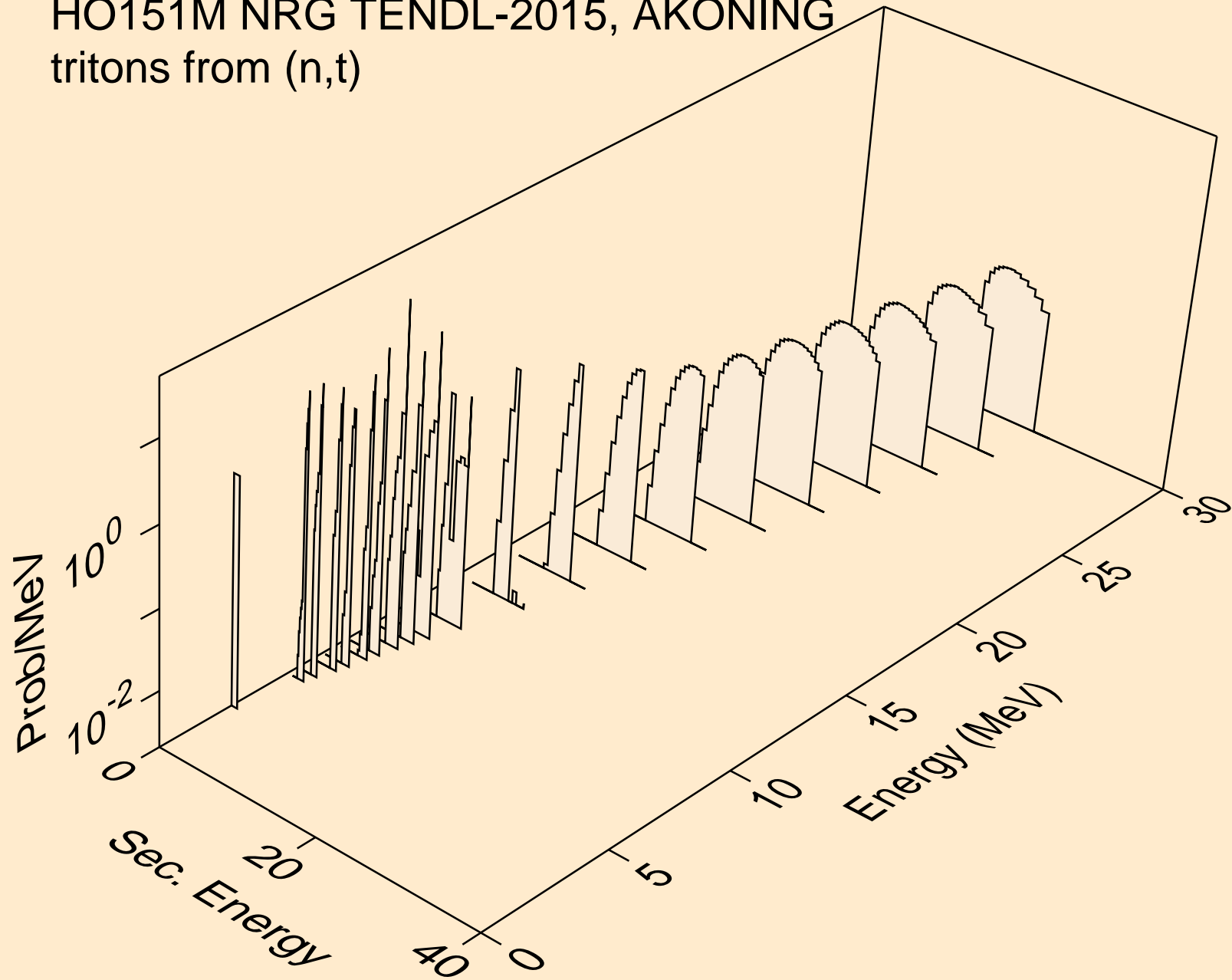
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tritons from (n,x)



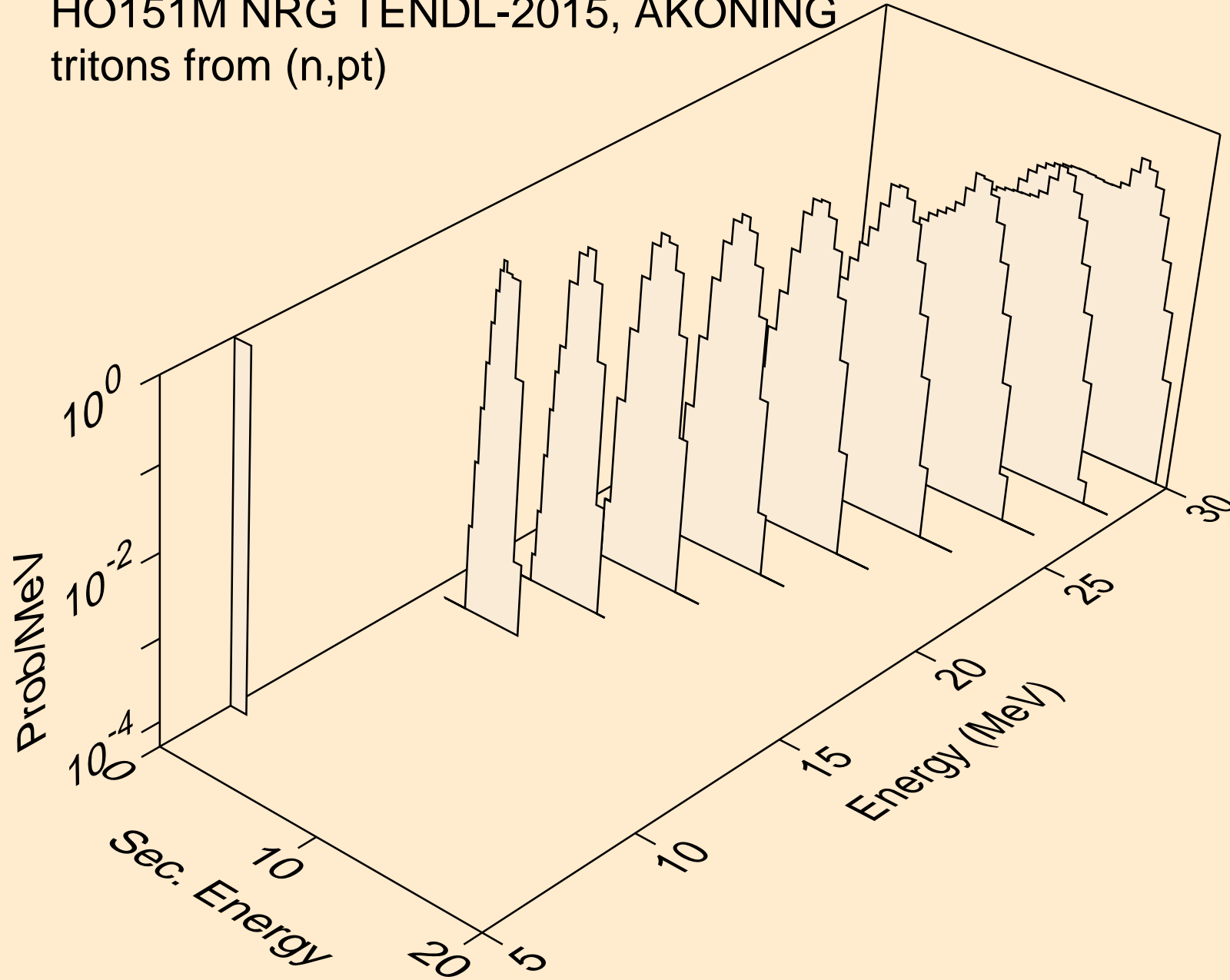
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tritons from (n,n\*)t



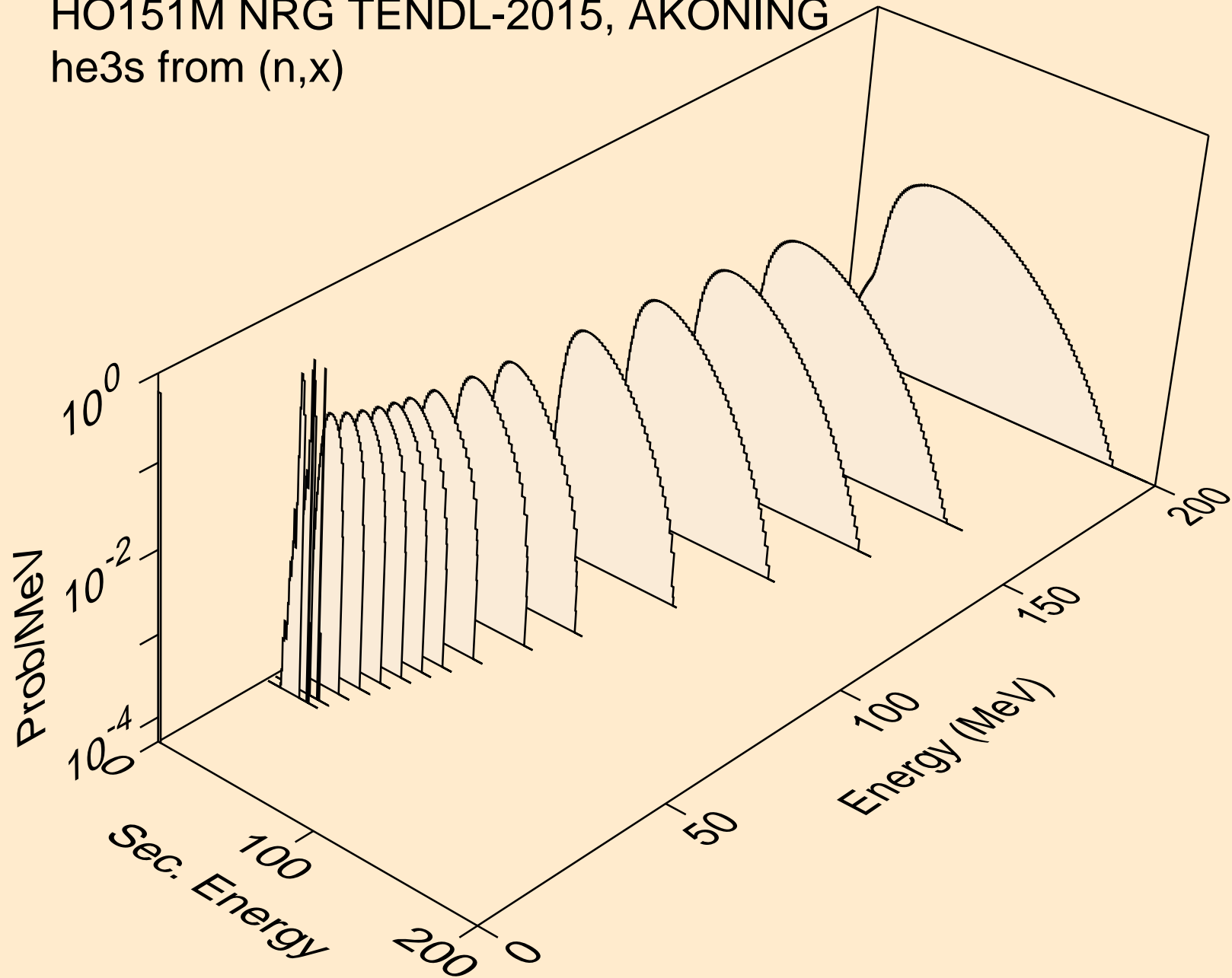
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tritons from (n,t)



HO151M NRG TENDL-2015, AKONING  
tritons from (n,pt)

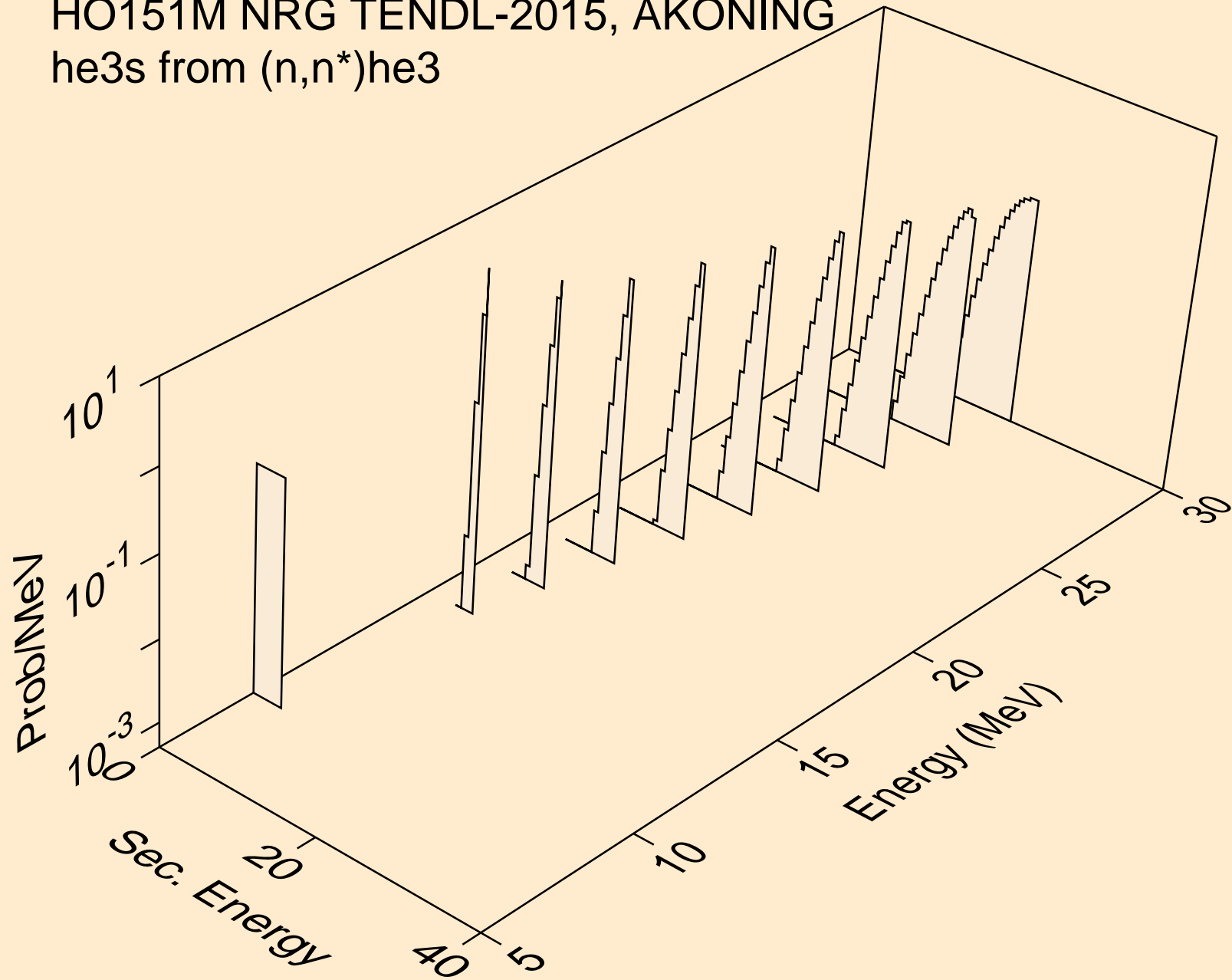


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he3s from (n,x)

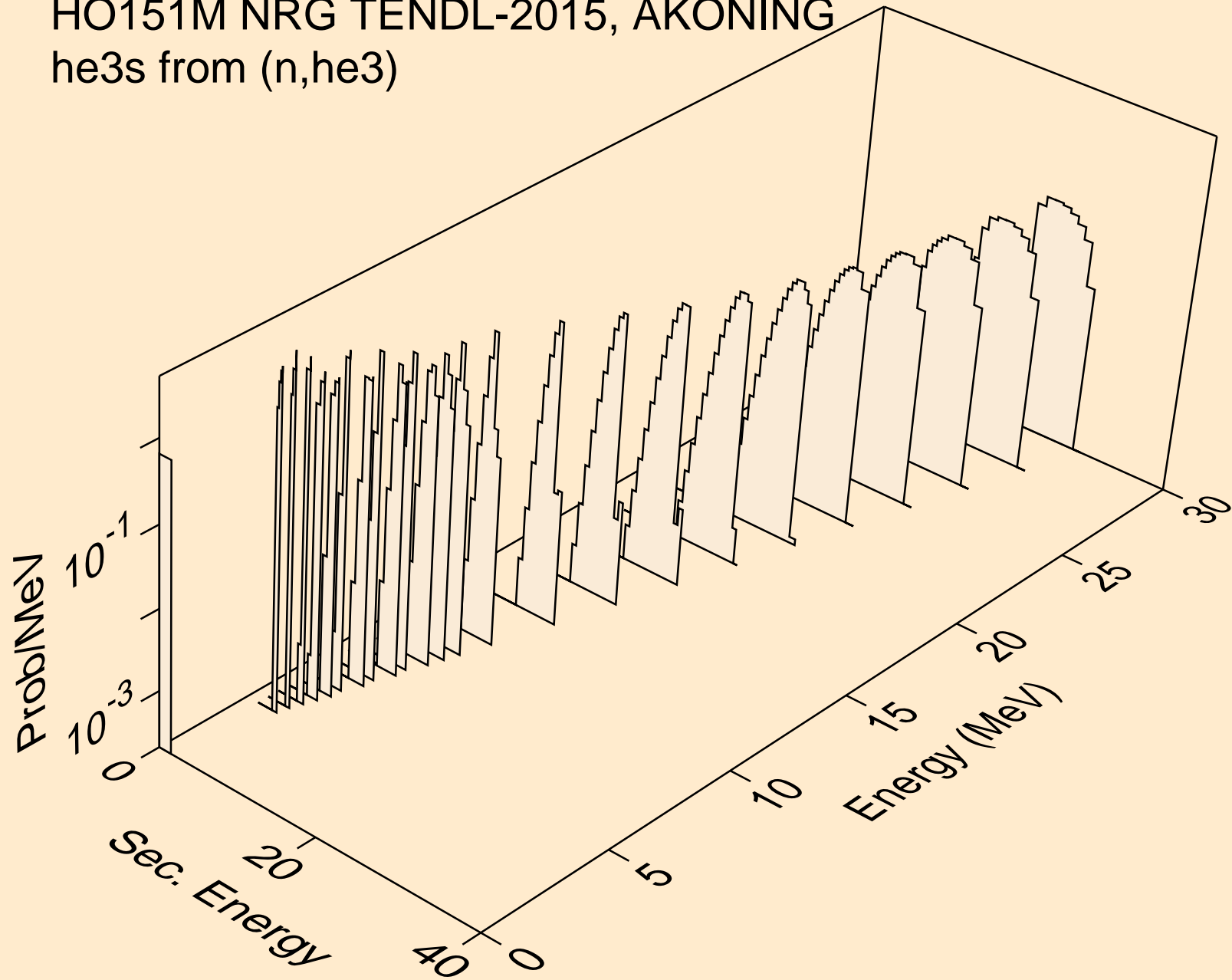




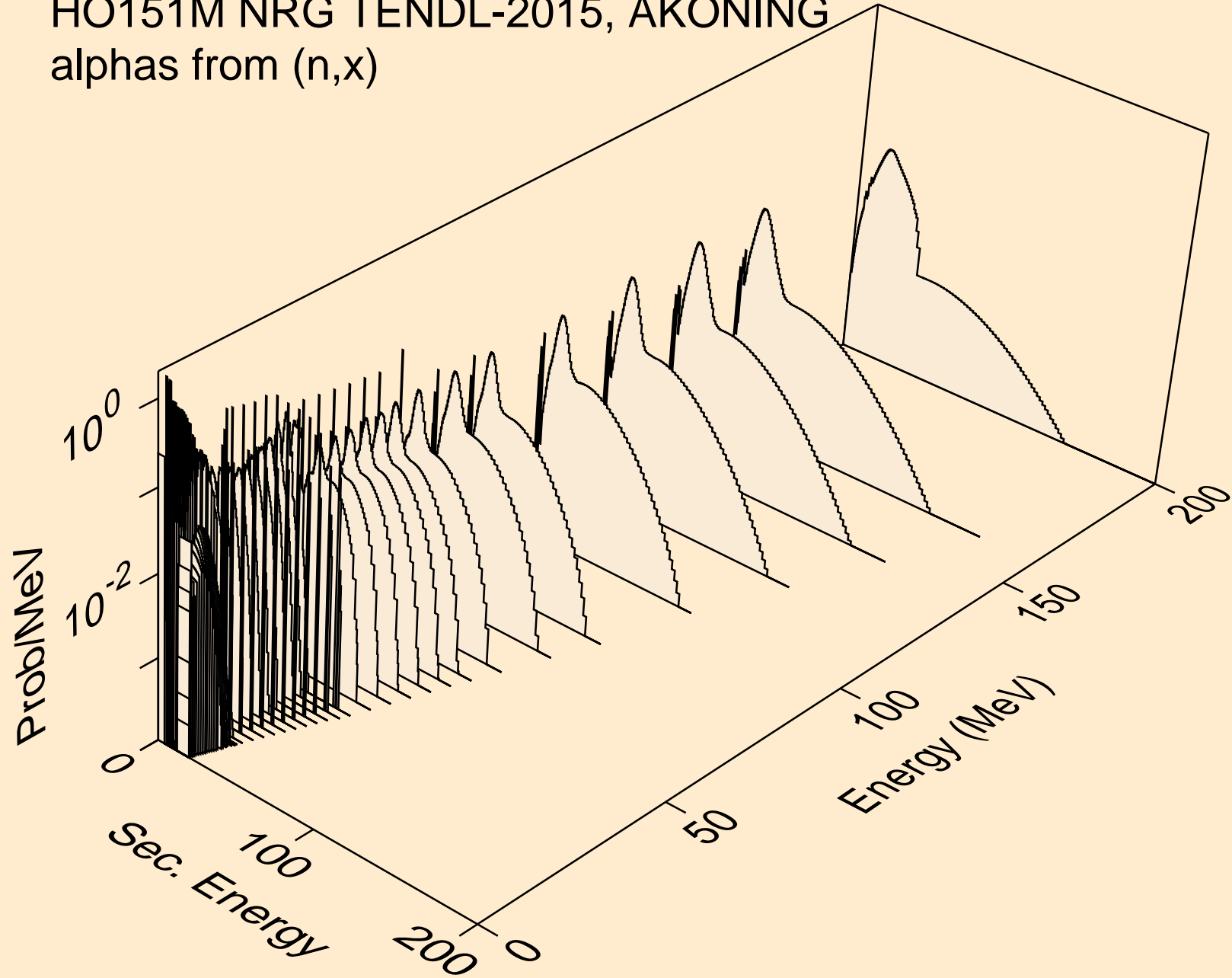
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he3s from (n,n\*)he3



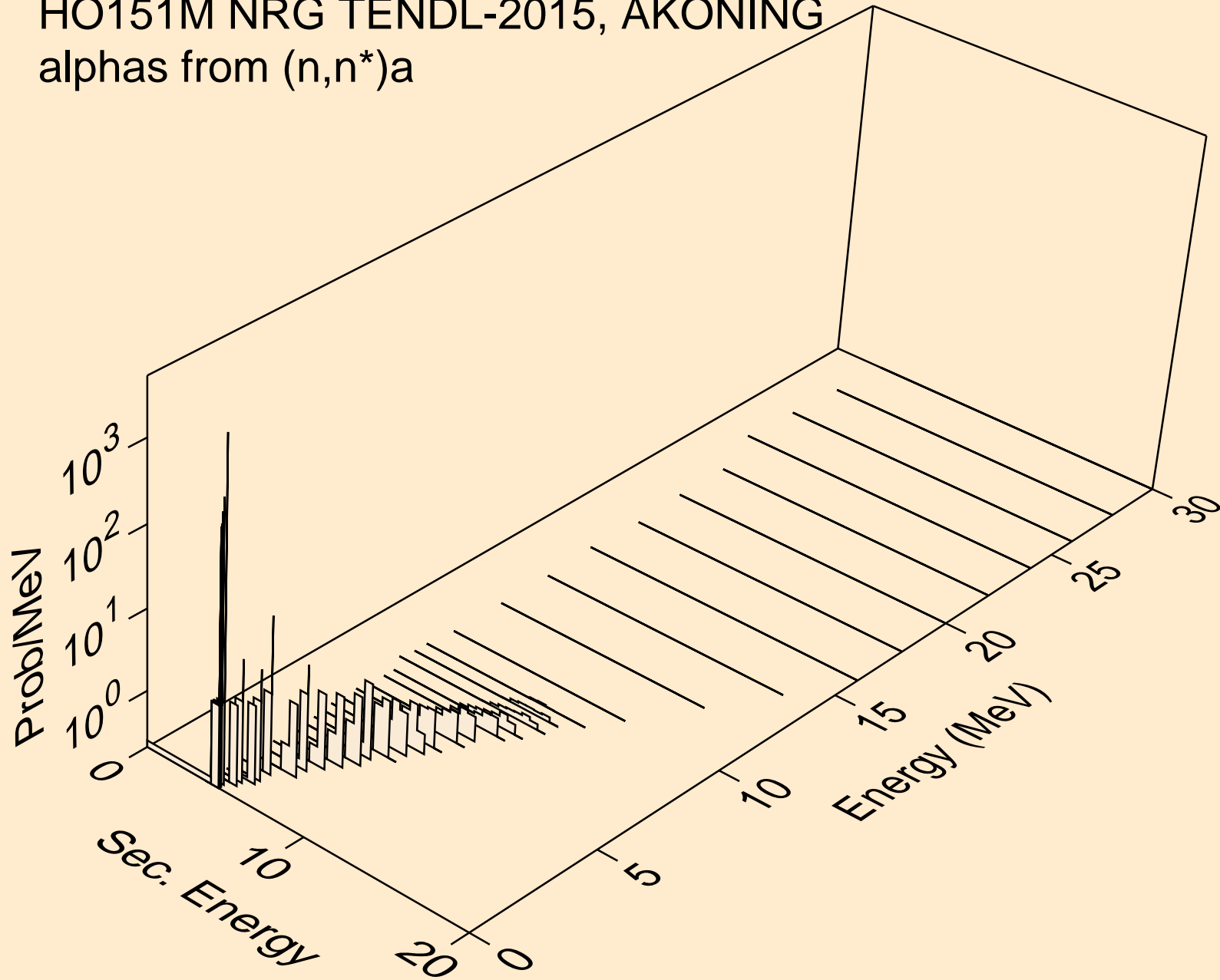
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he3s from (n,he3)



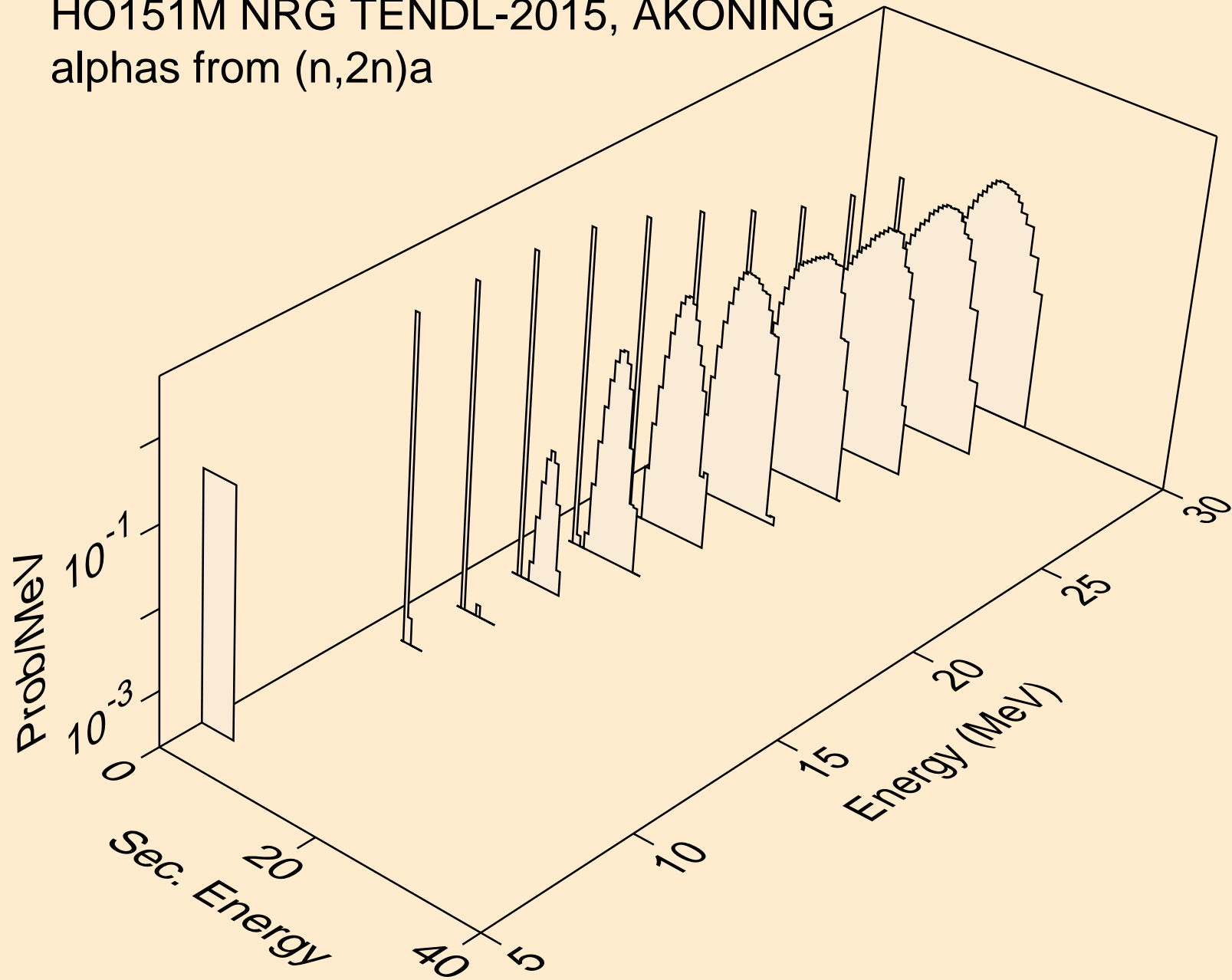
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alphas from (n,x)



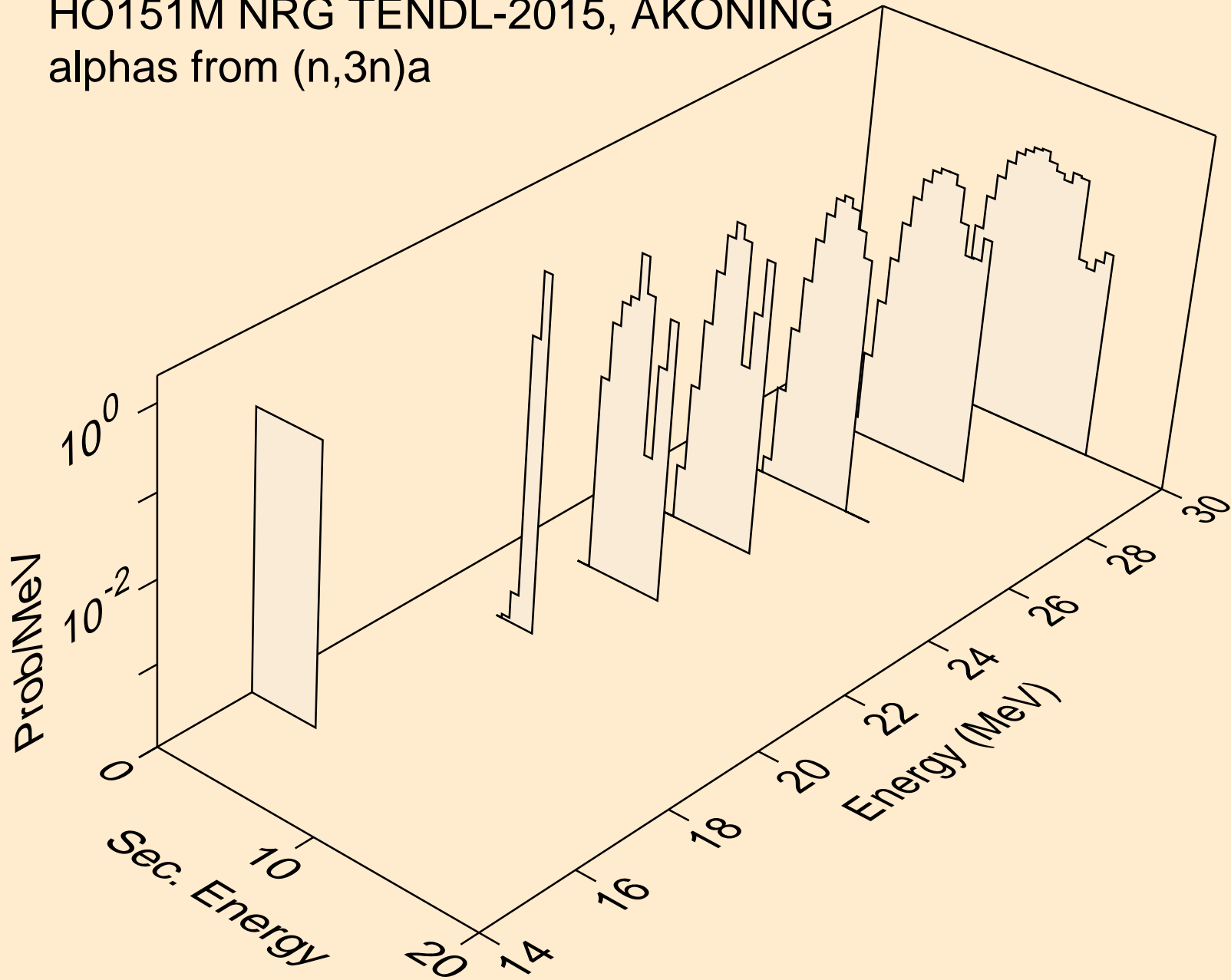
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alphas from (n,n\*)a



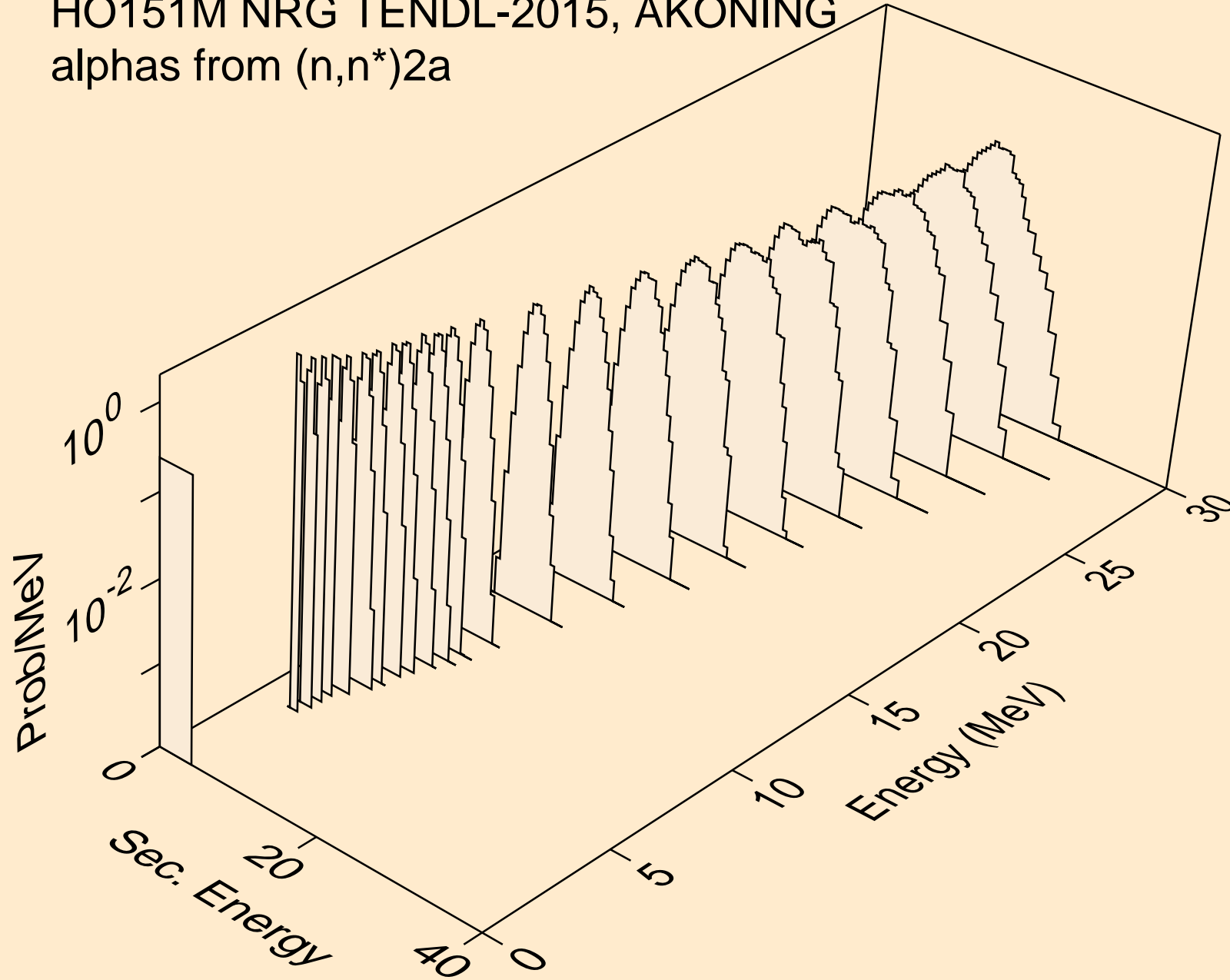
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alphas from (n,2n)a



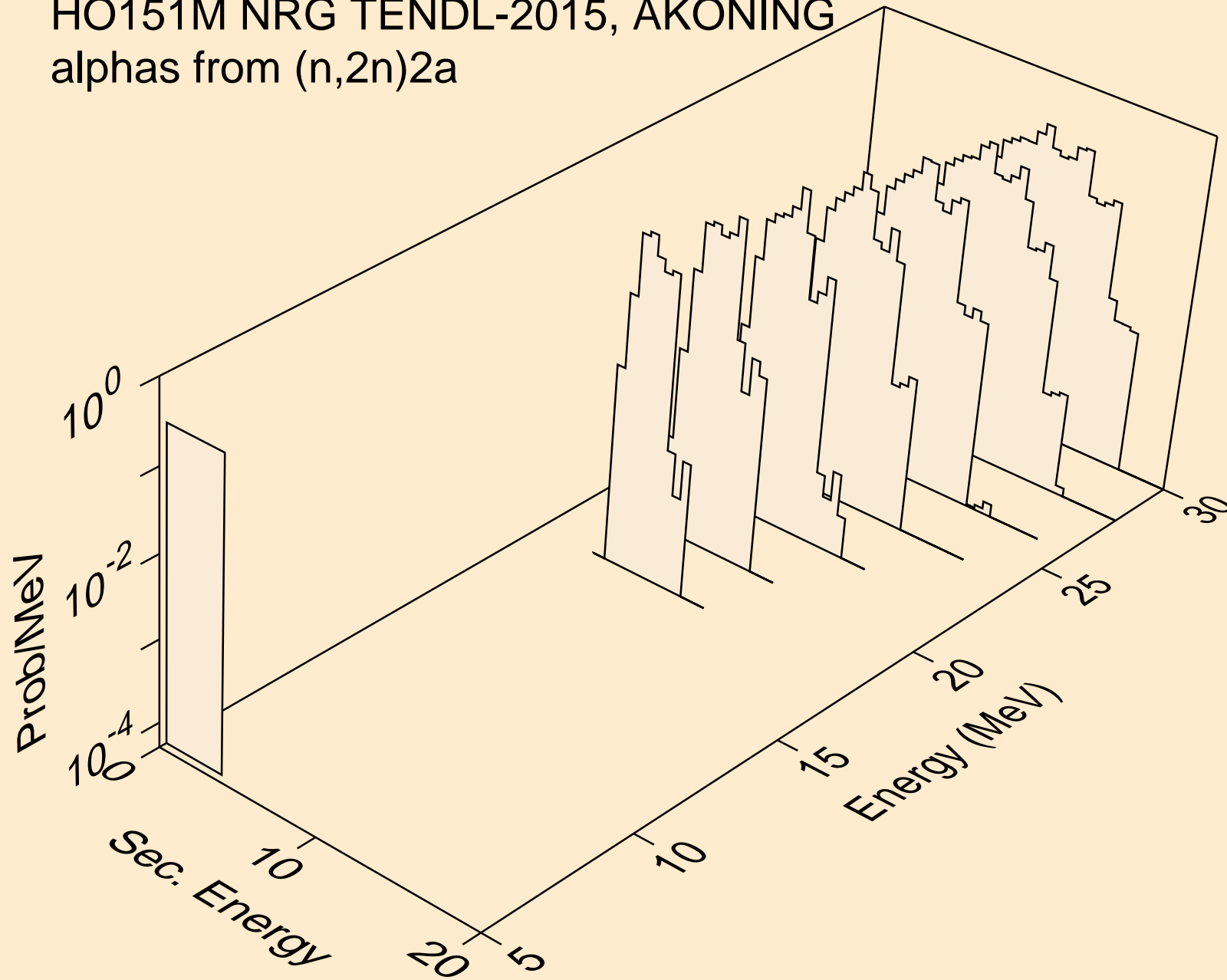
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alphas from (n,3n)a



HO151M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

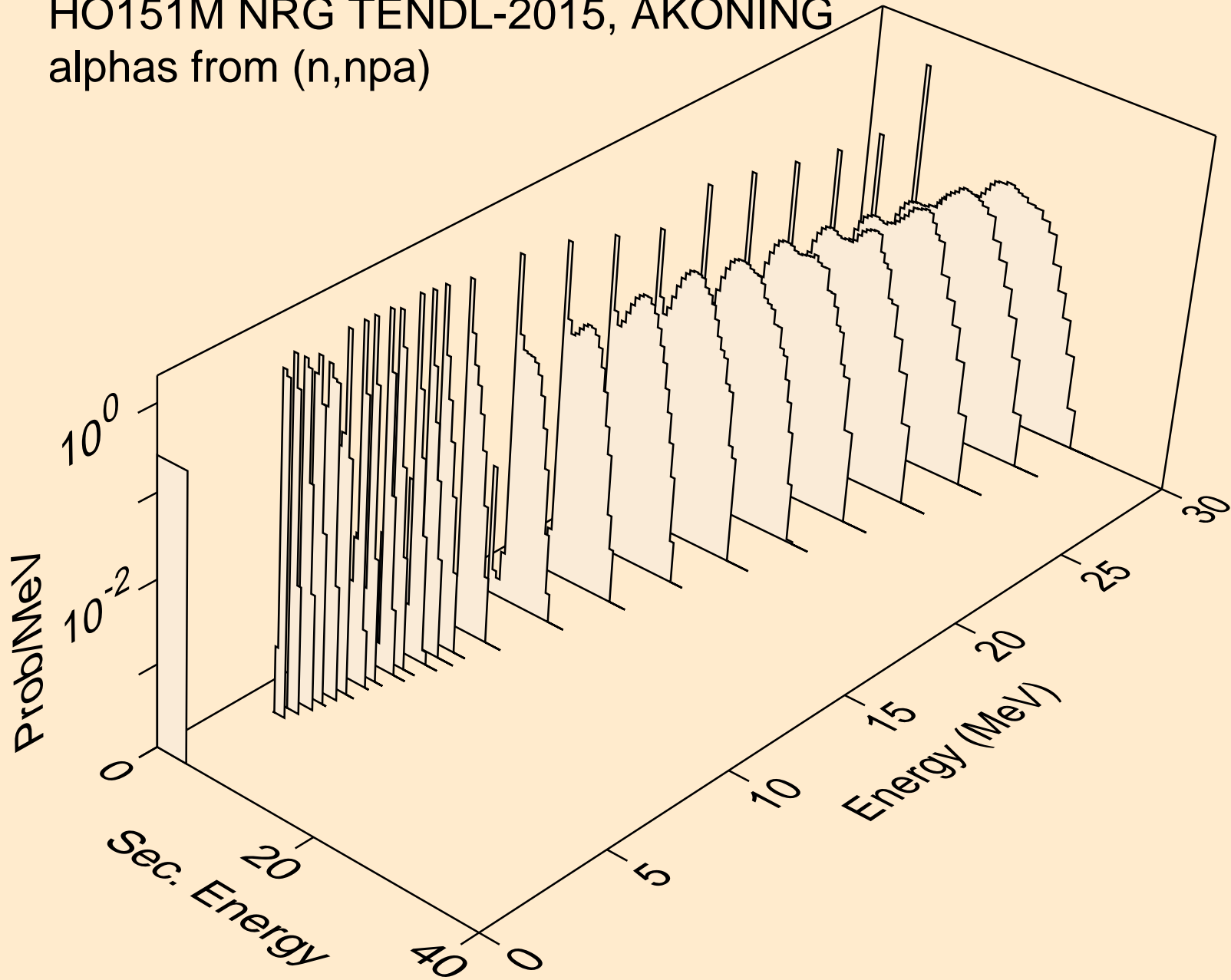


HO151M NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

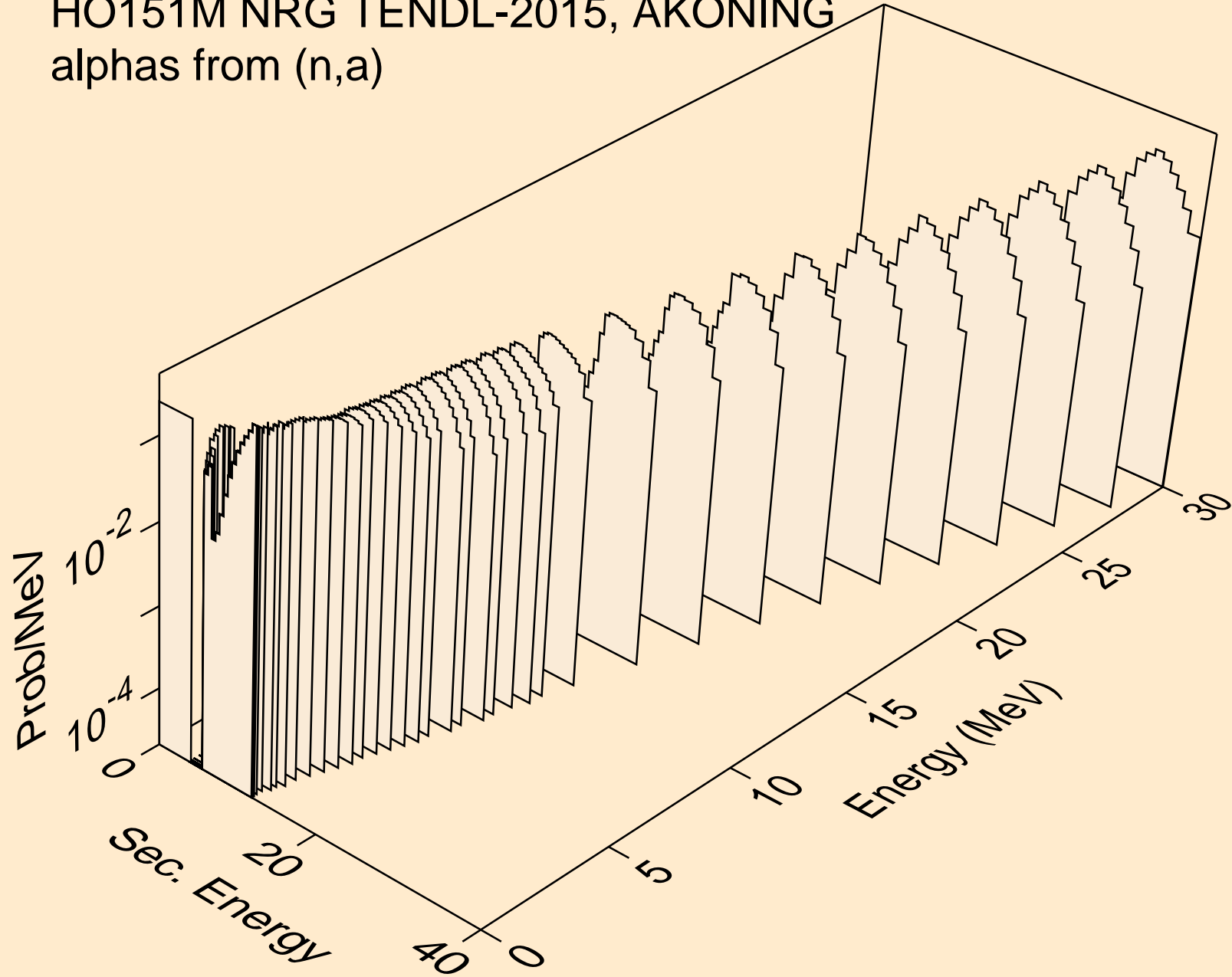




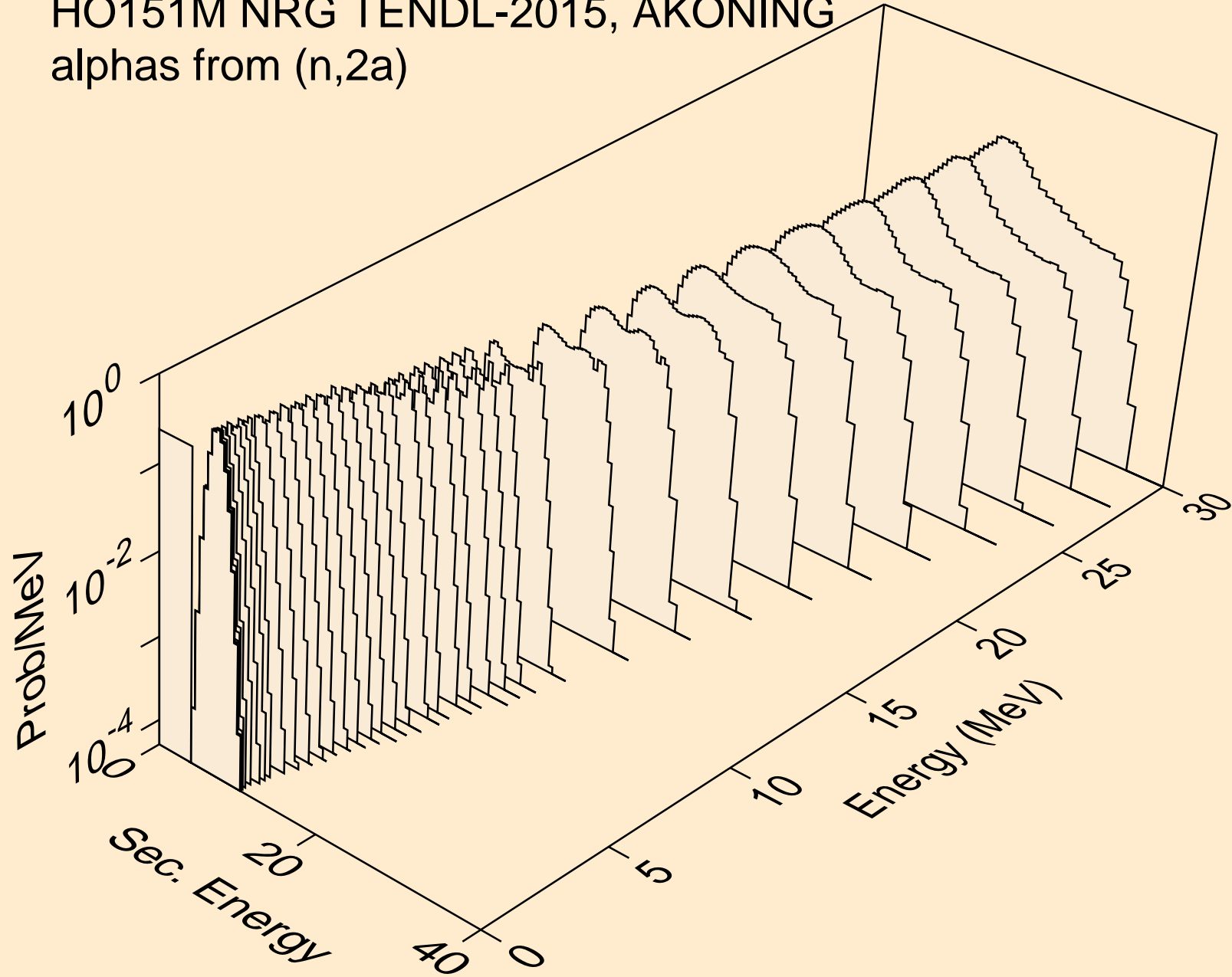
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alphas from (n,npa)



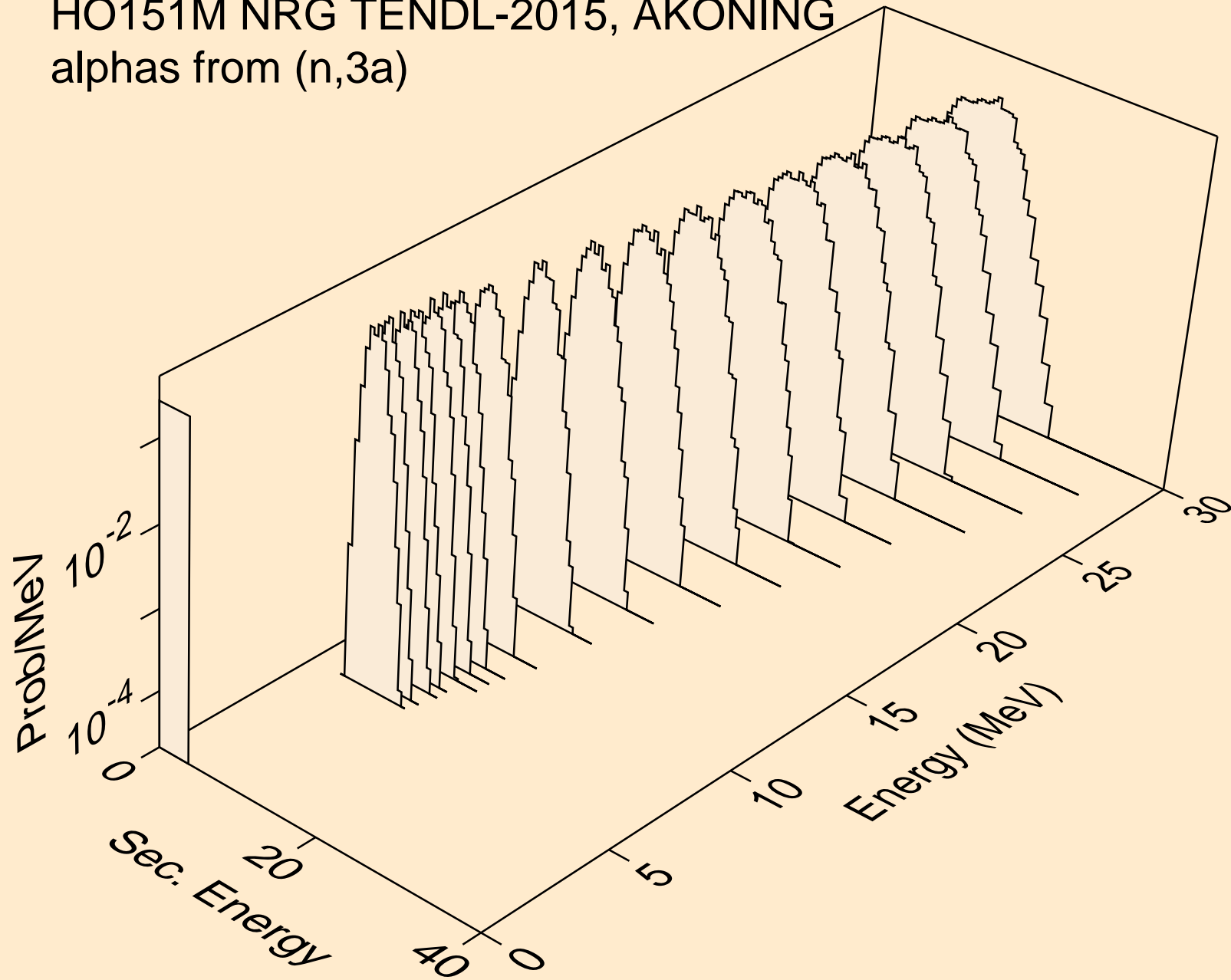
HO151M NRG TENDL-2015, AKONING  
alphas from (n,a)



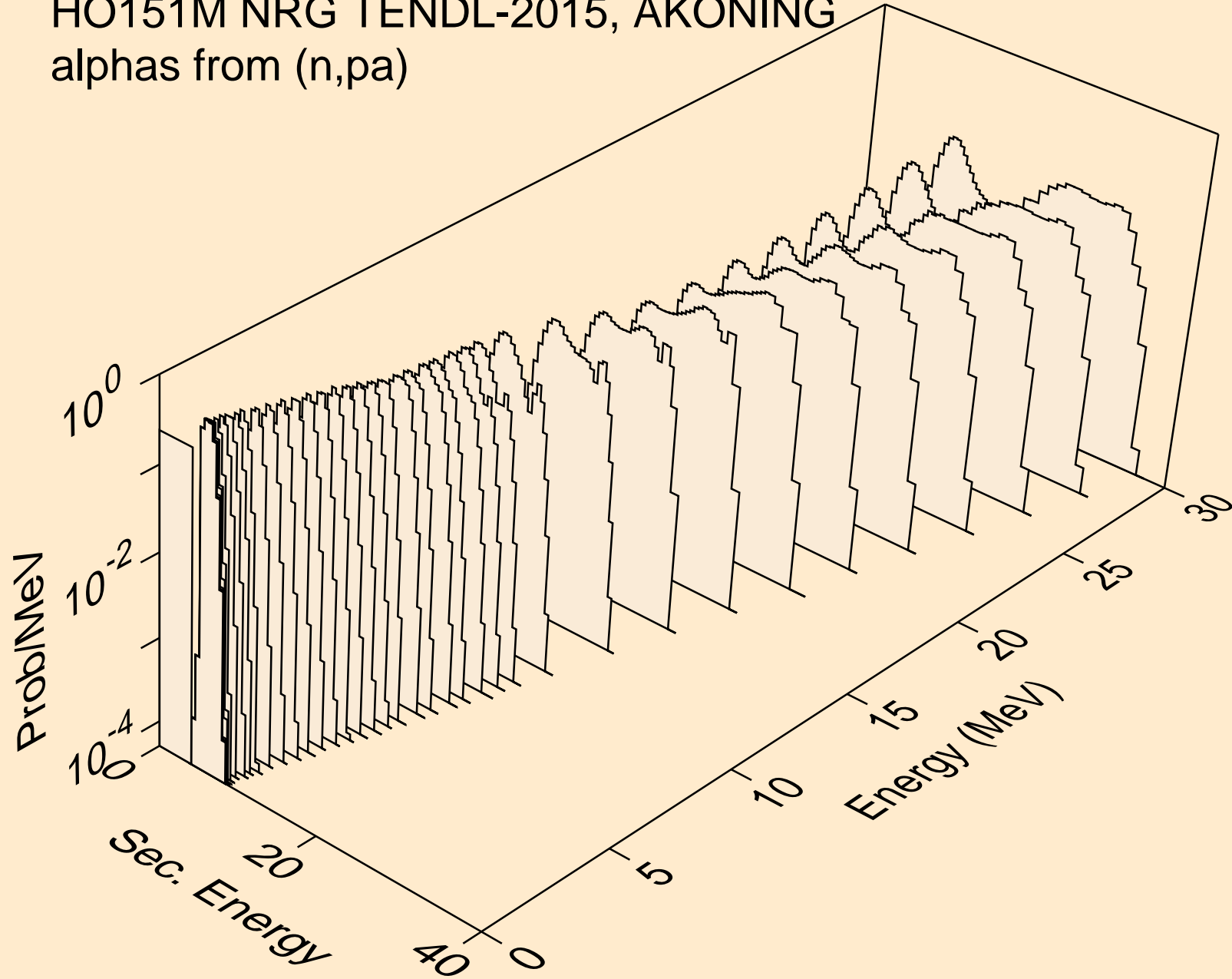
HO151M NRG TENDL-2015, AKONING  
alphas from (n,2a)



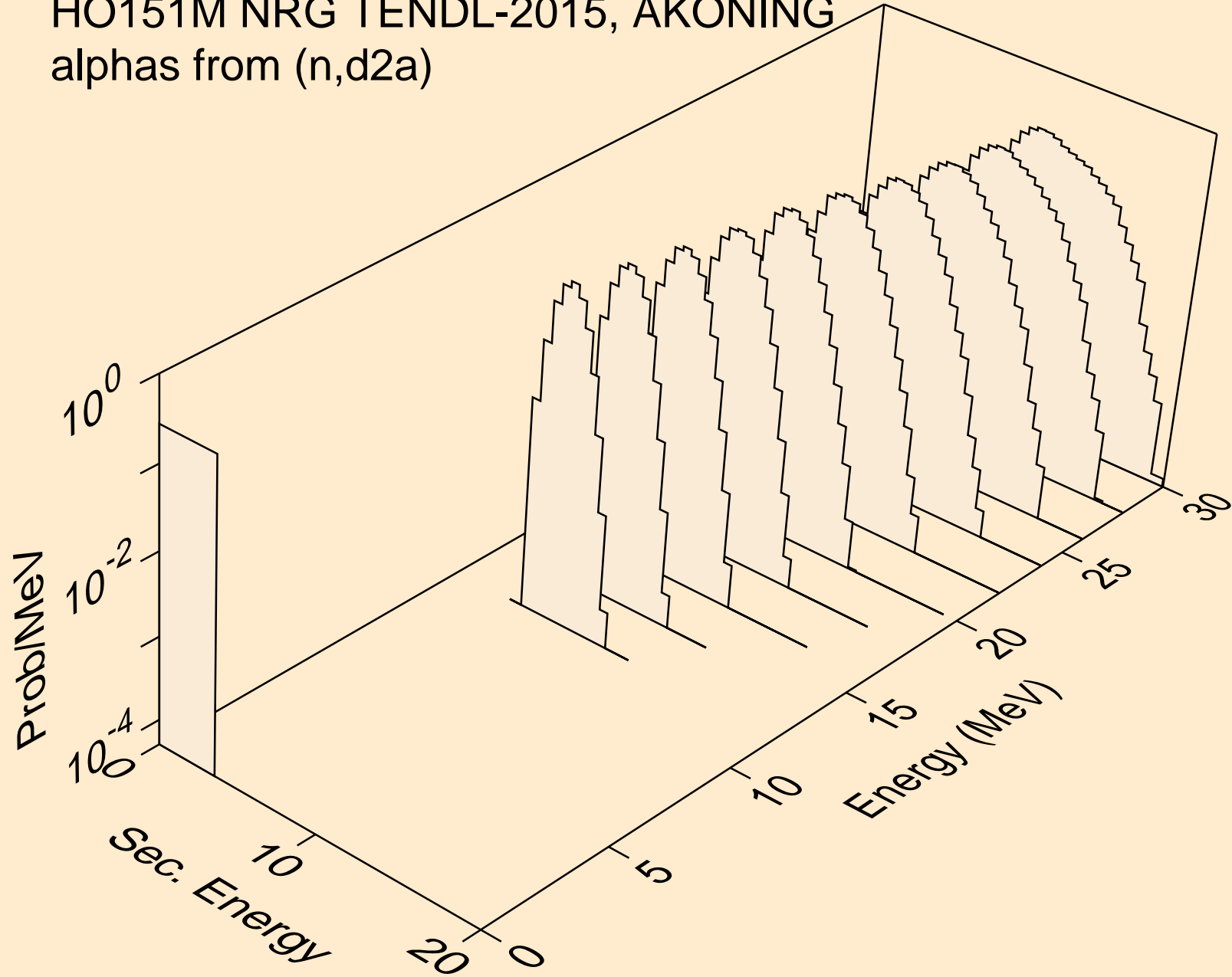
HO151M NRG TENDL-2015, AKONING  
alphas from (n,3a)



HO151M NRG TENDL-2015, AKONING  
alphas from (n,pa)



HO151M NRG TENDL-2015, AKONING  
alphas from (n,d2a)



HO151M NRG TENDL-2015, AKONING  
alphas from (n,da)

