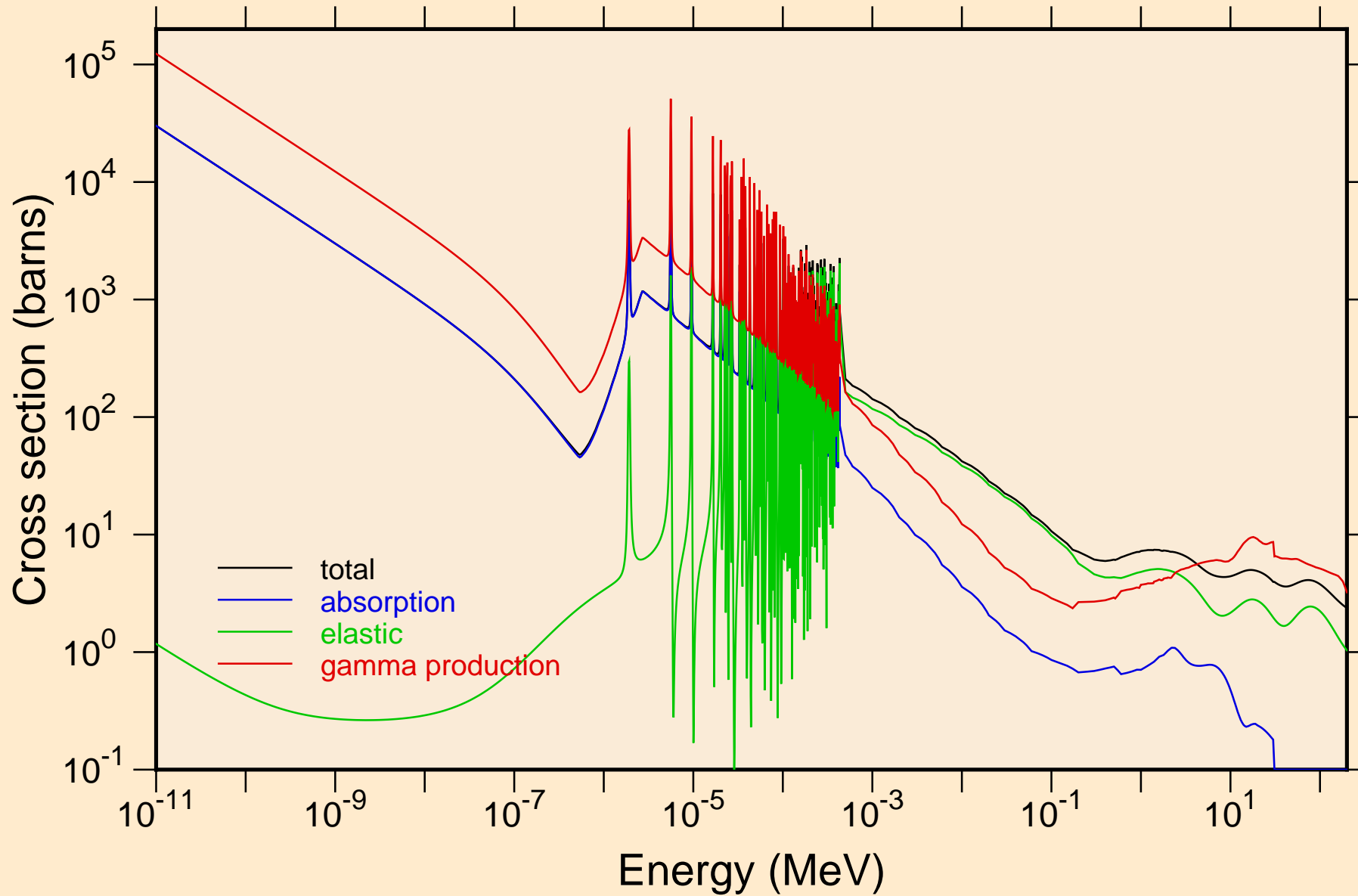
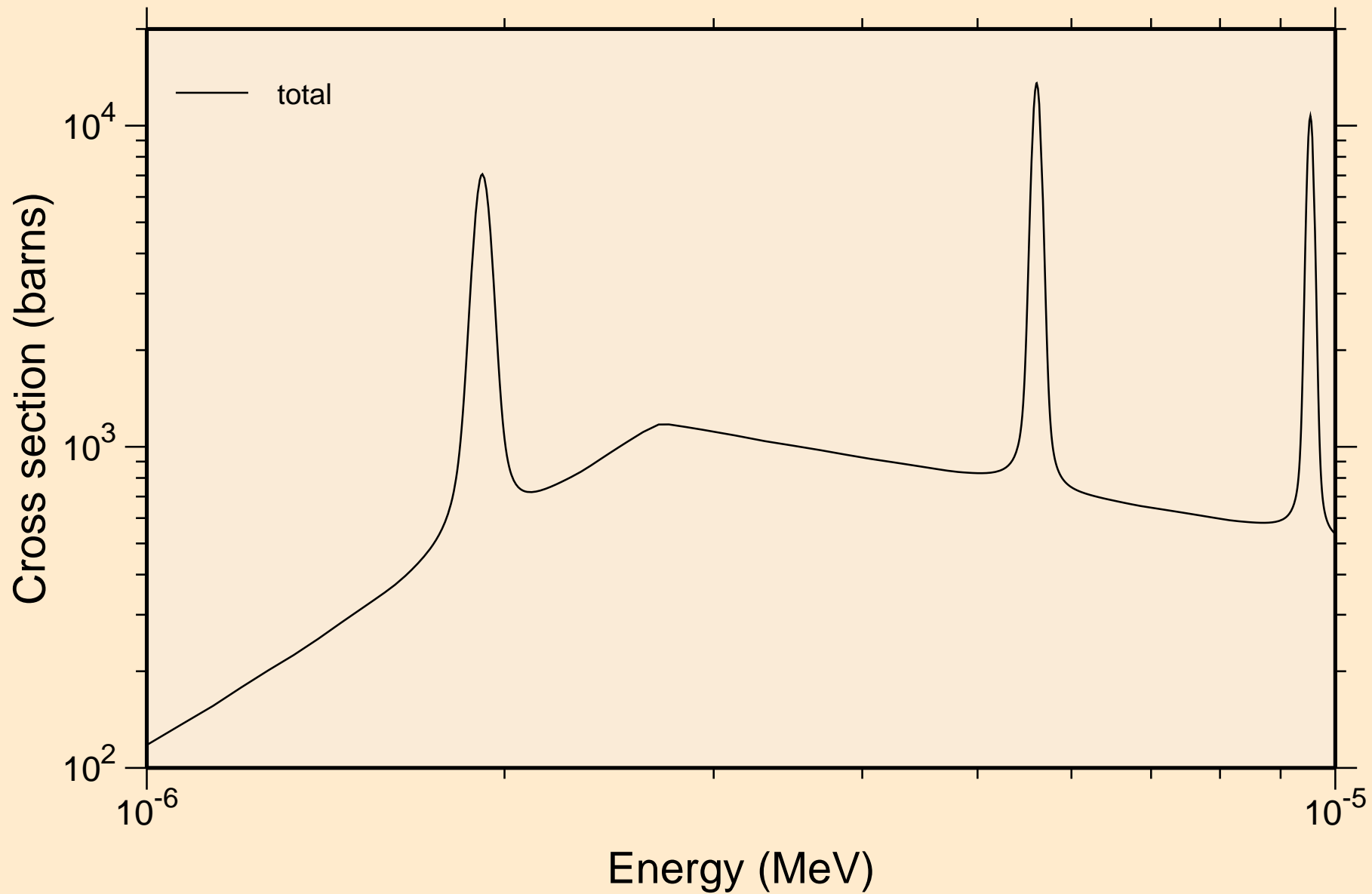


# HO149M NRG TENDL-2015, AKONING

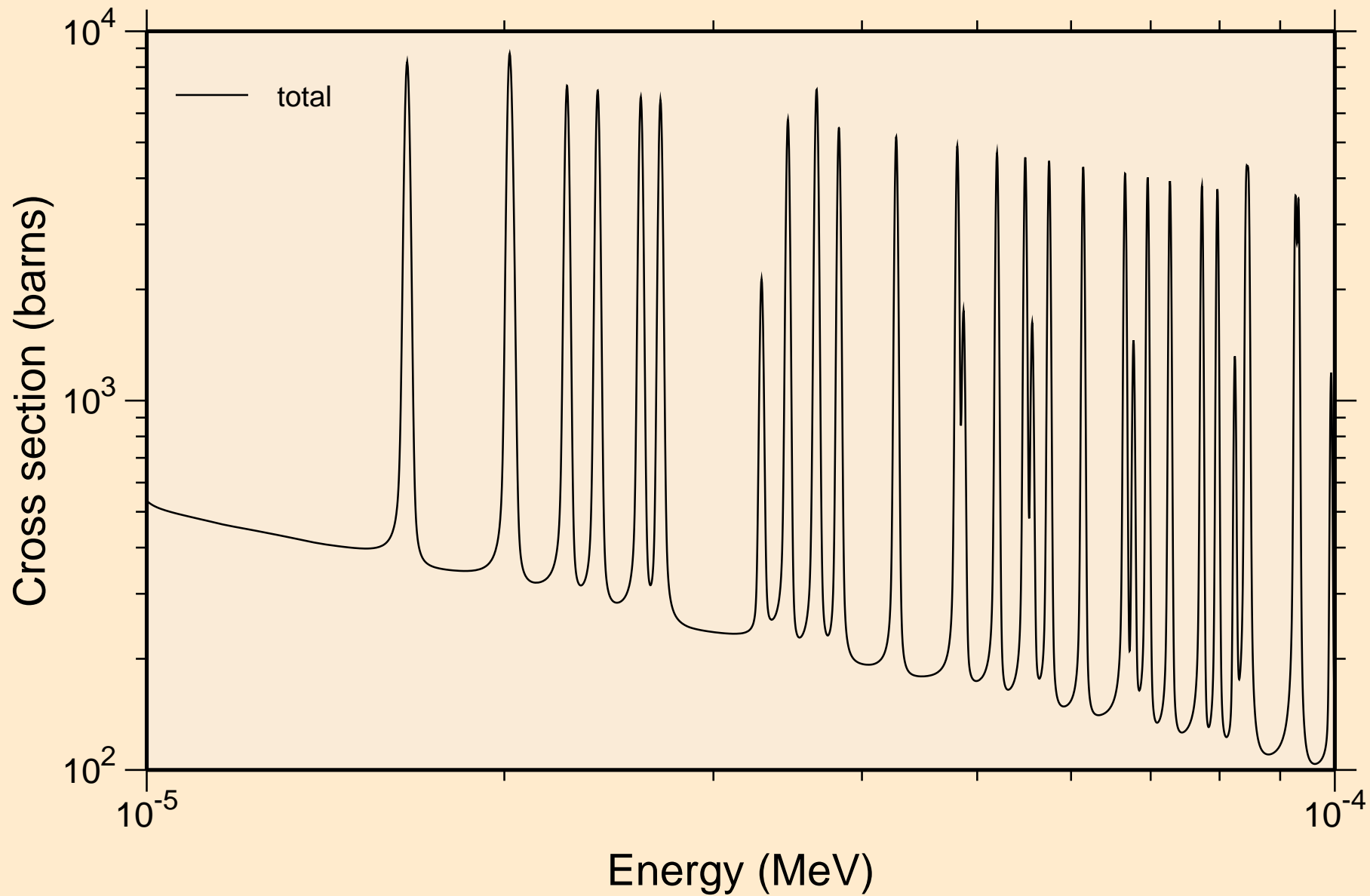
## Principal cross sections



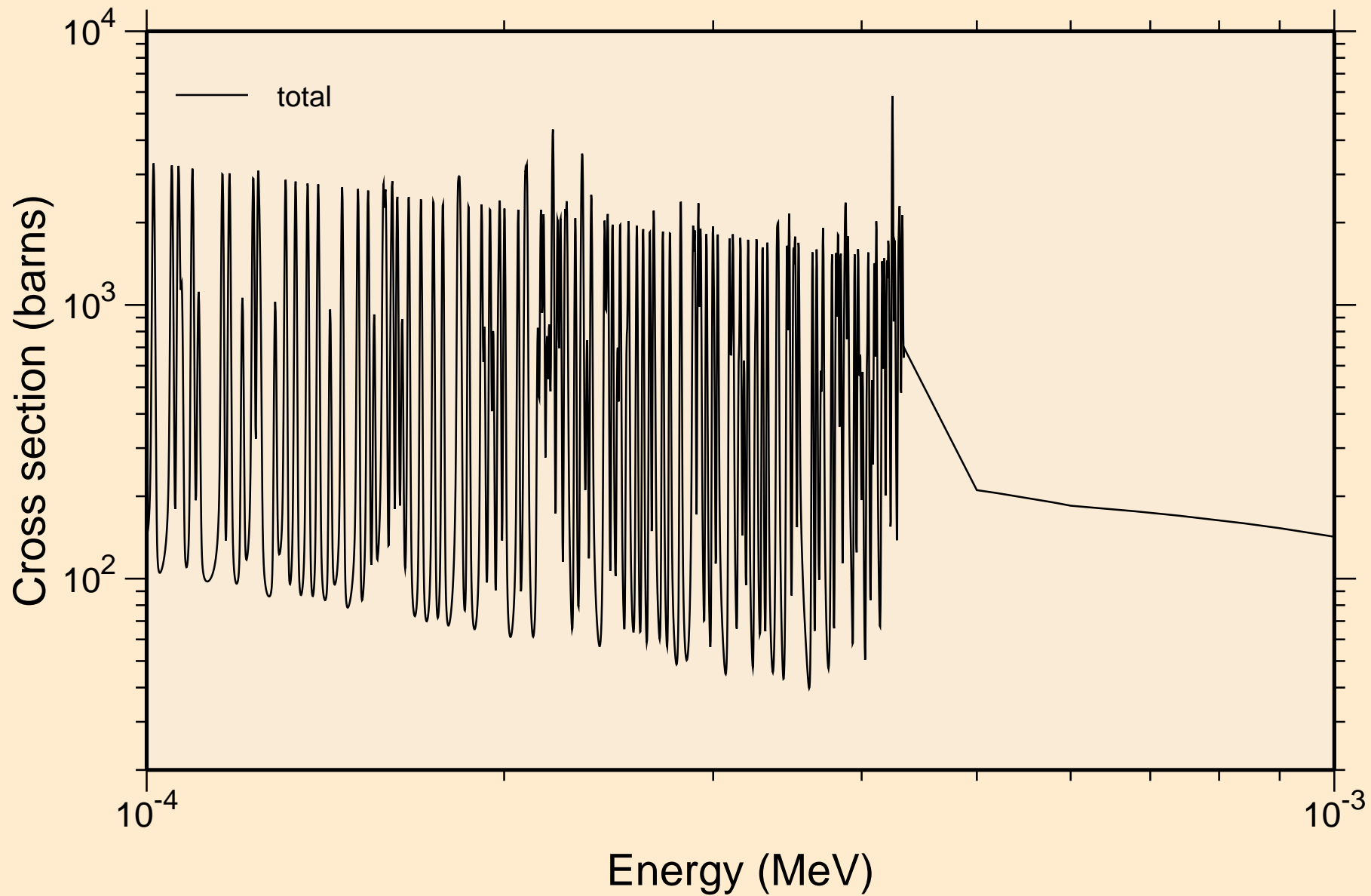
HO149M NRG TENDL-2015, AKONING  
resonance total cross section



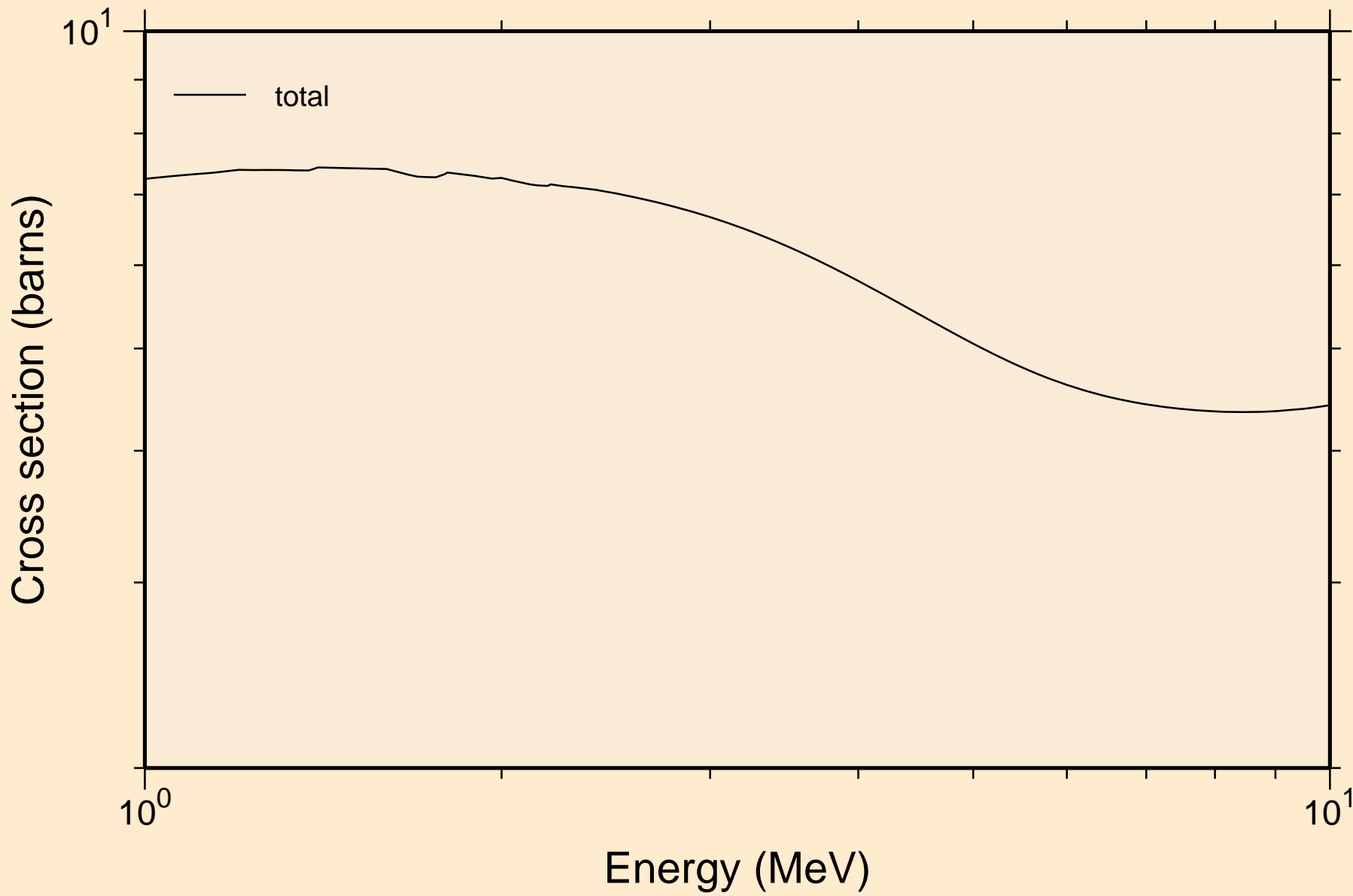
HO149M NRG TENDL-2015, AKONING  
resonance total cross section



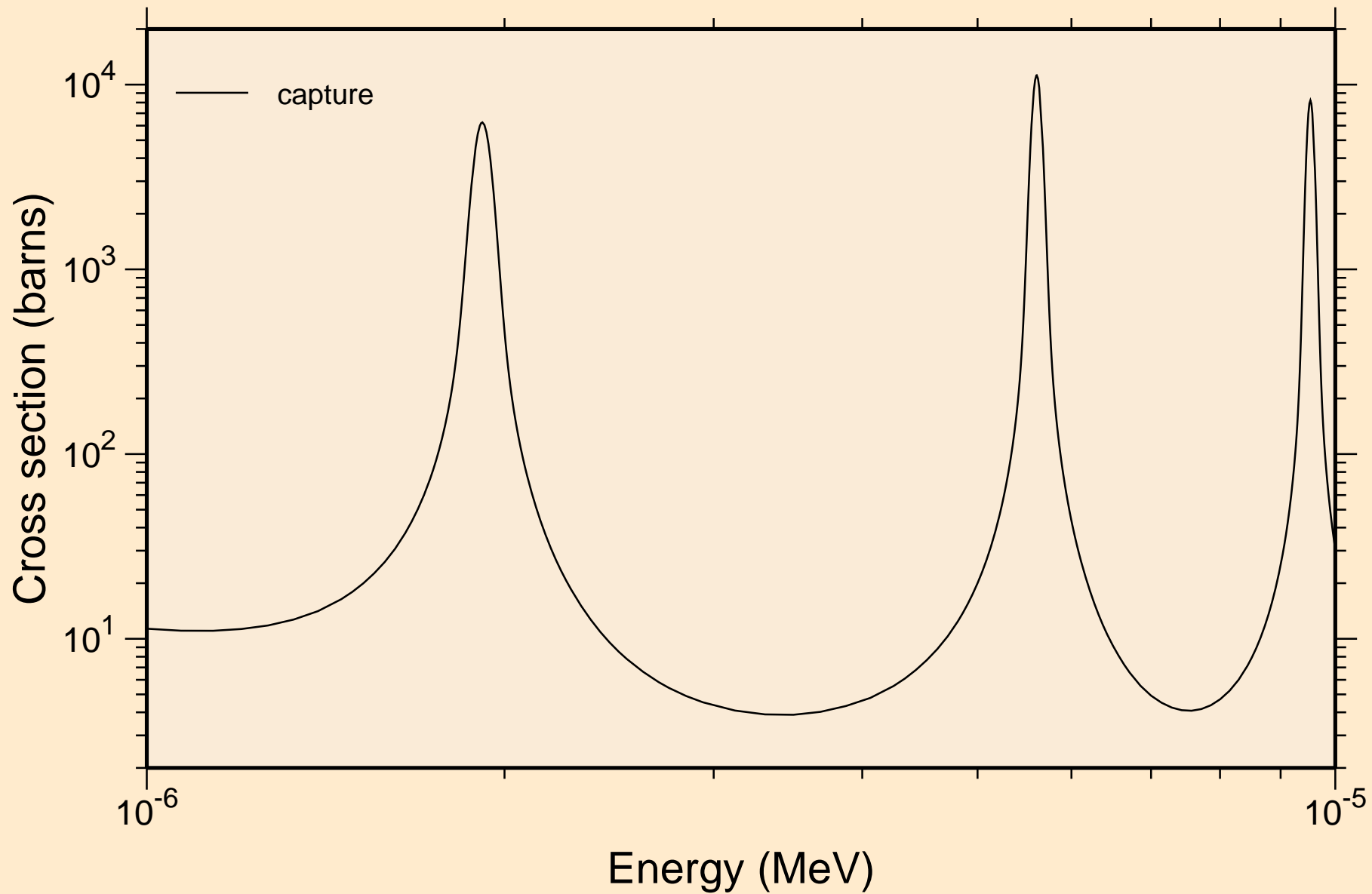
HO149M NRG TENDL-2015, AKONING  
resonance total cross section



HO149M NRG TENDL-2015, AKONING  
resonance total cross section

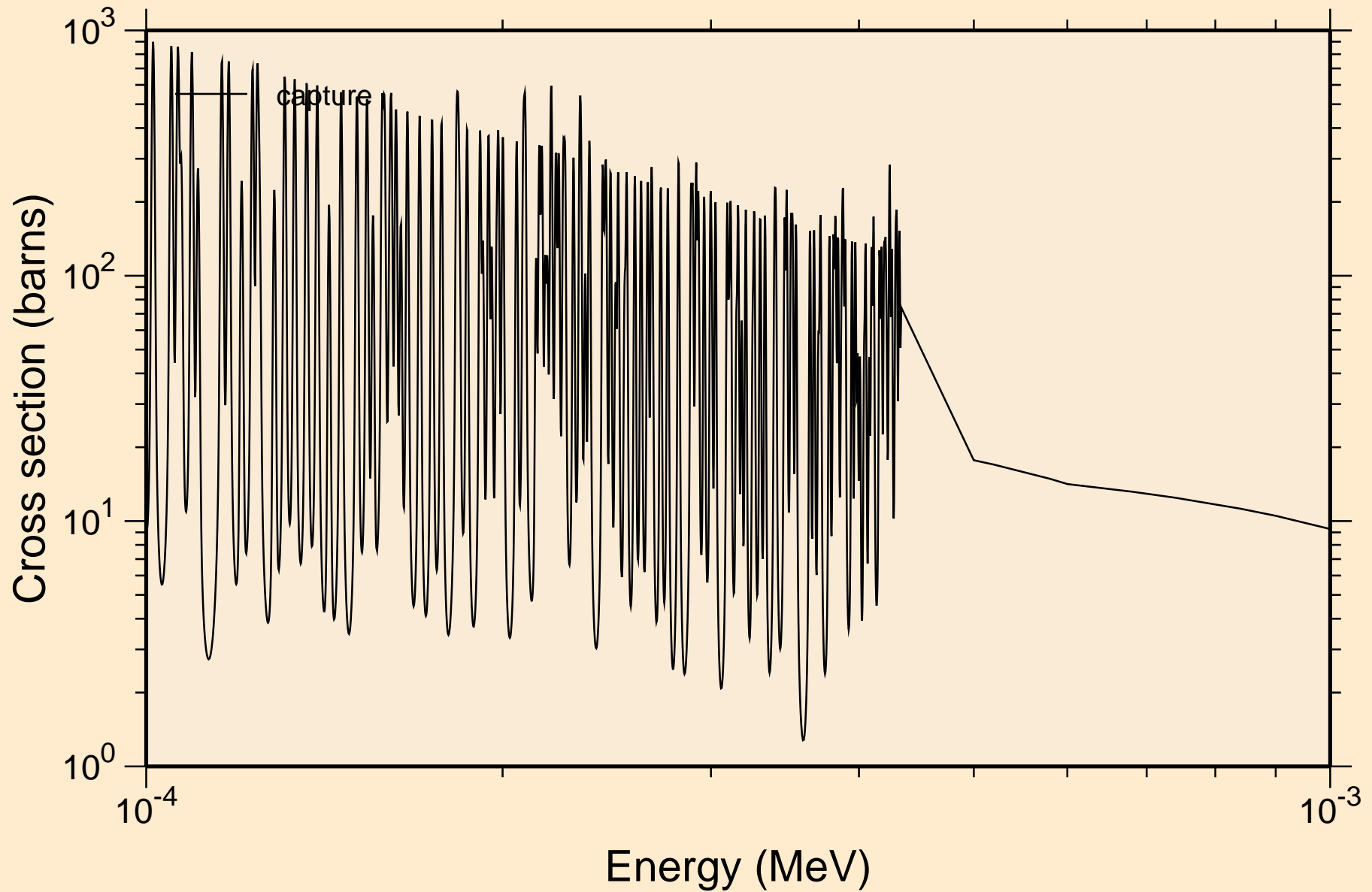


HO149M NRG TENDL-2015, AKONING  
resonance absorption cross sections



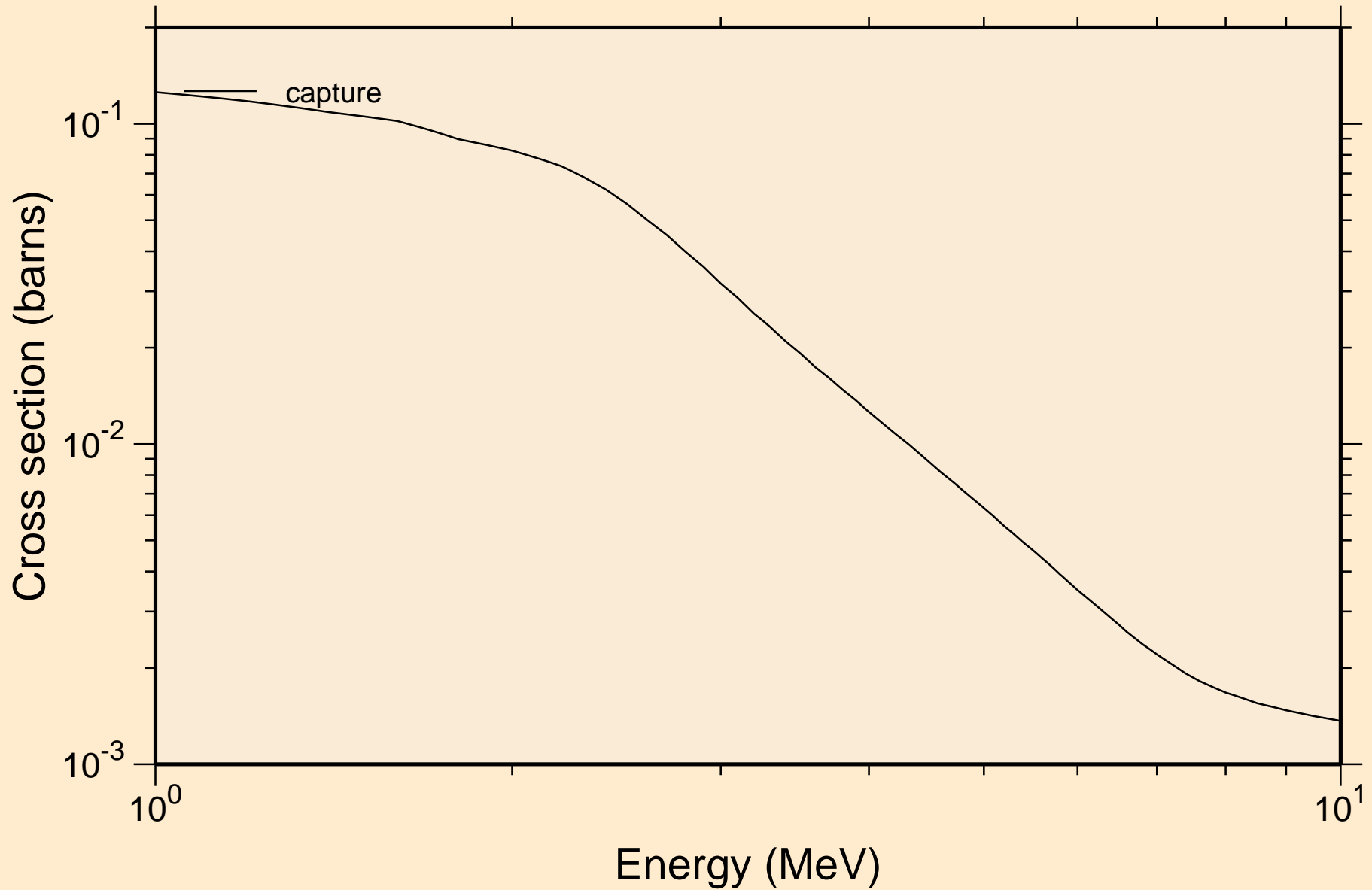


HO149M NRG TENDL-2015, AKONING  
resonance absorption cross sections



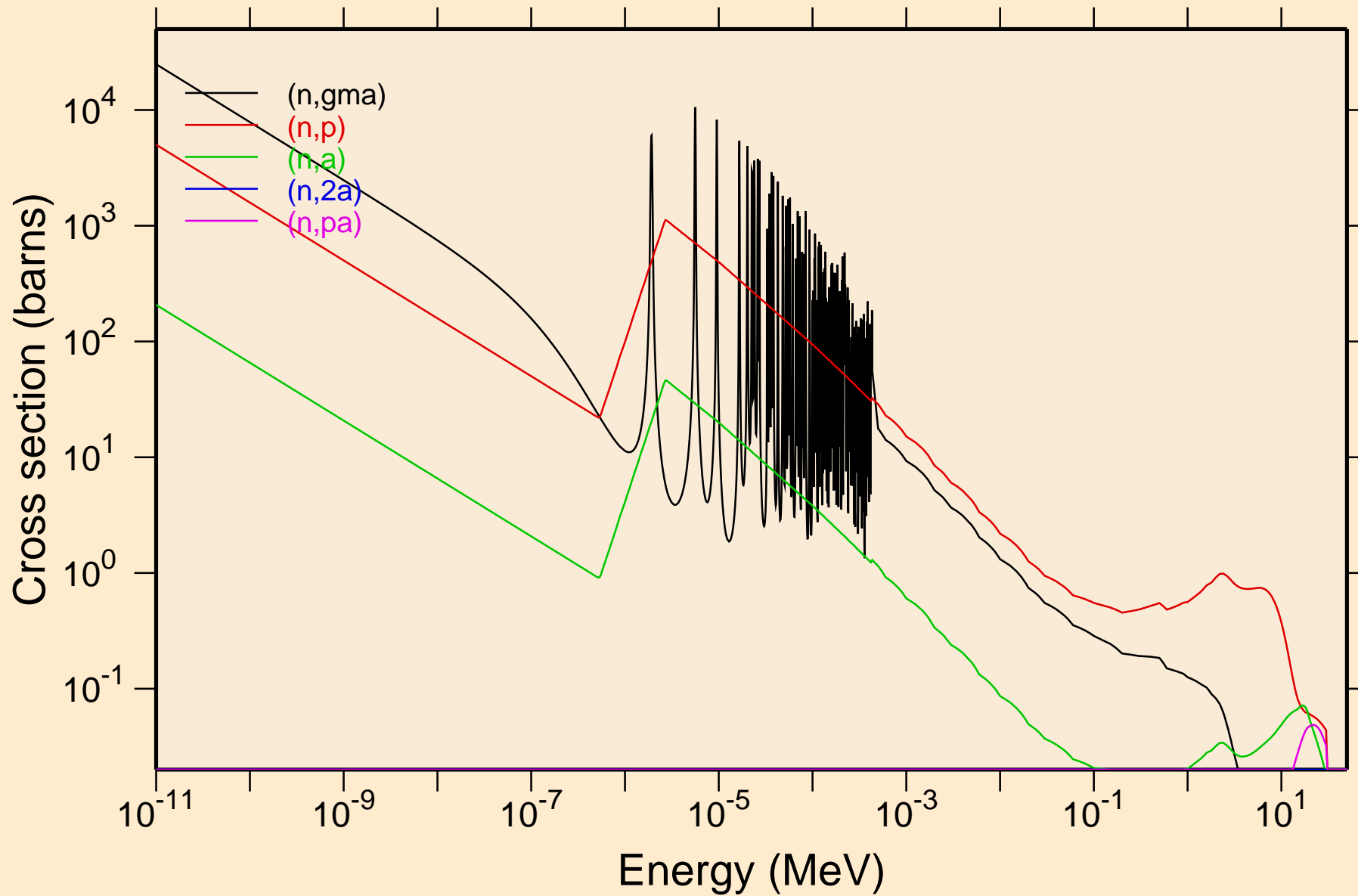


HO149M NRG TENDL-2015, AKONING  
resonance absorption cross sections



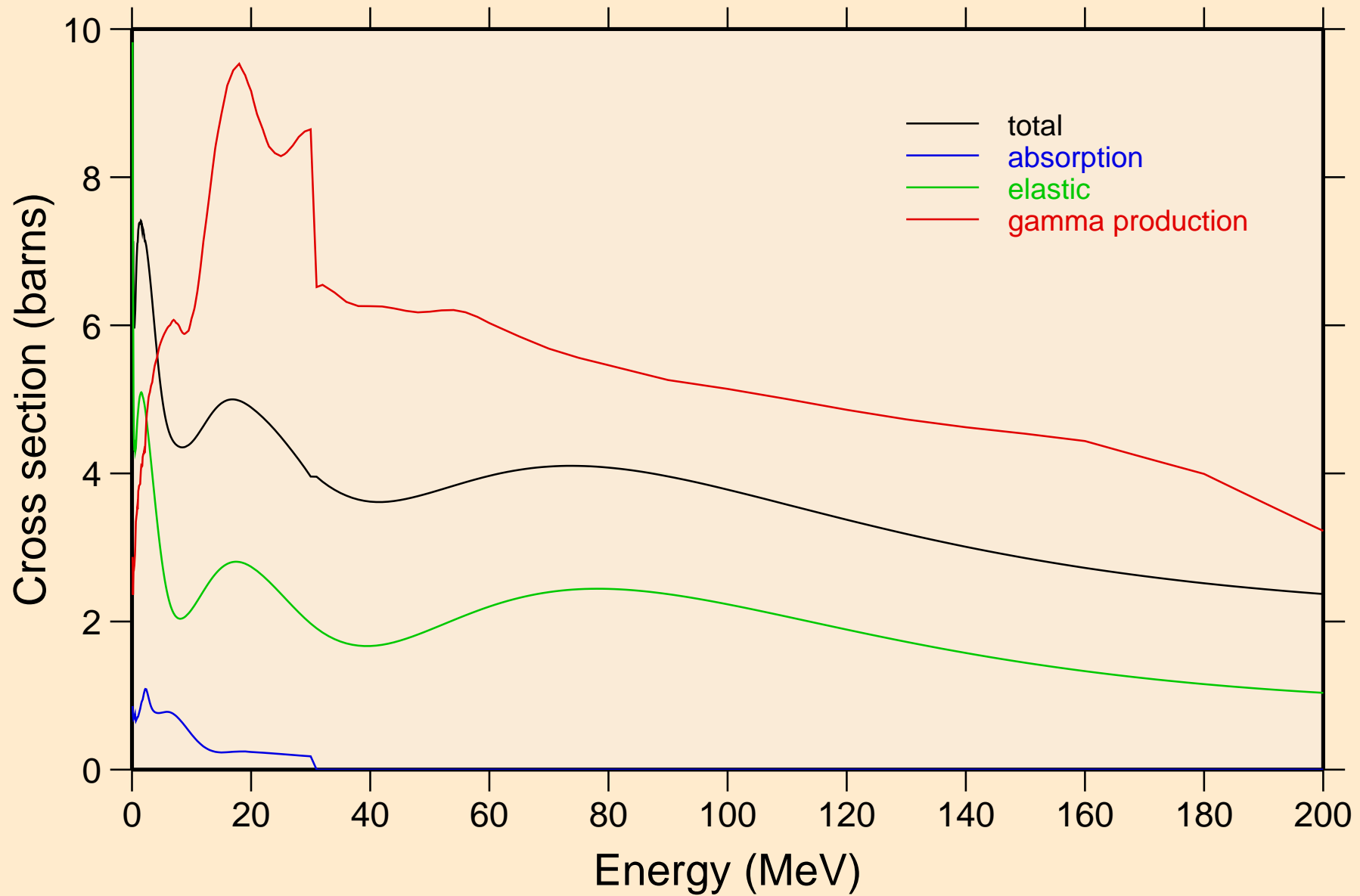
# HO149M NRG TENDL-2015, AKONING

## Non-threshold reactions



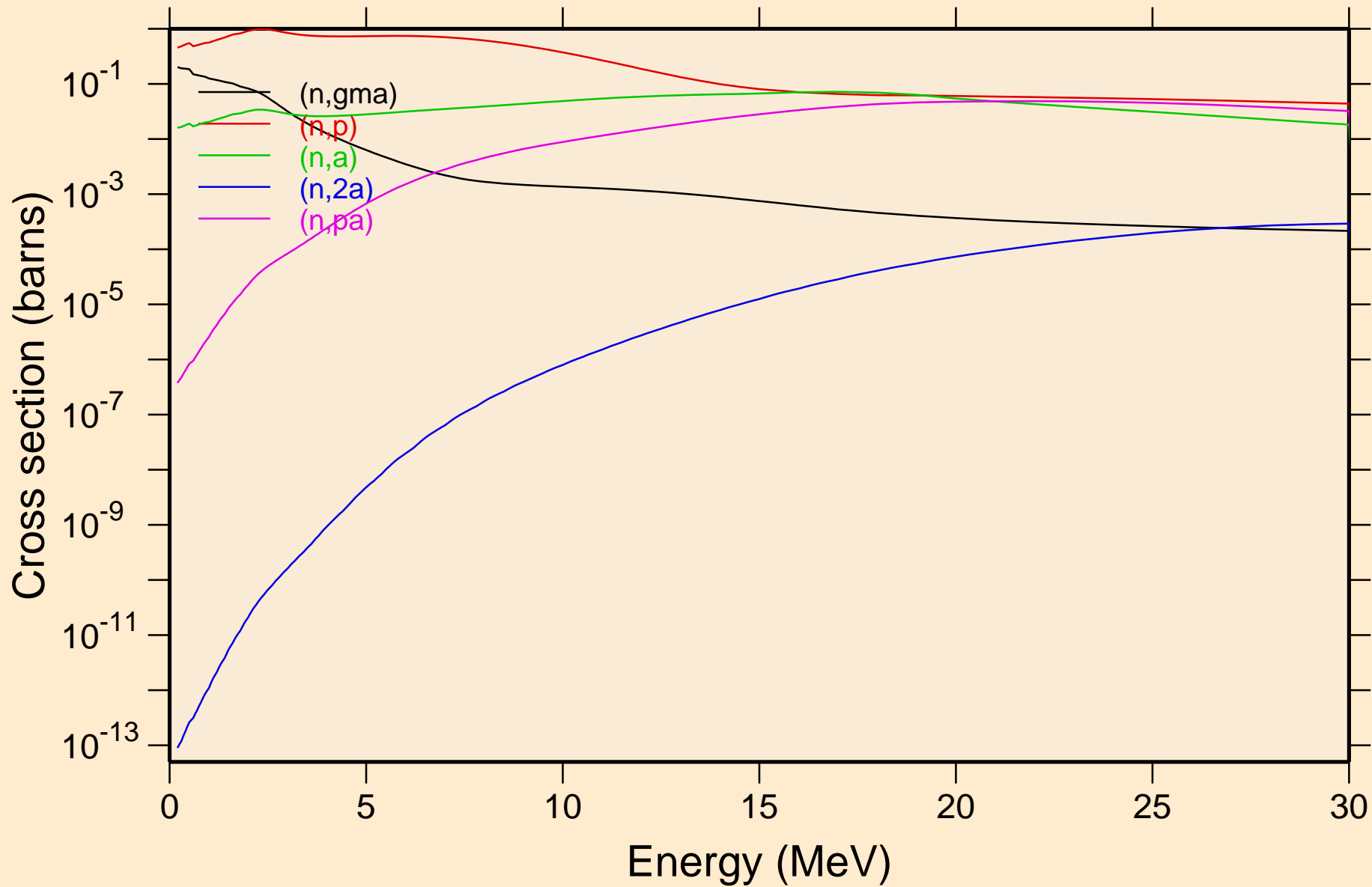
# HO149M NRG TENDL-2015, AKONING

## Principal cross sections



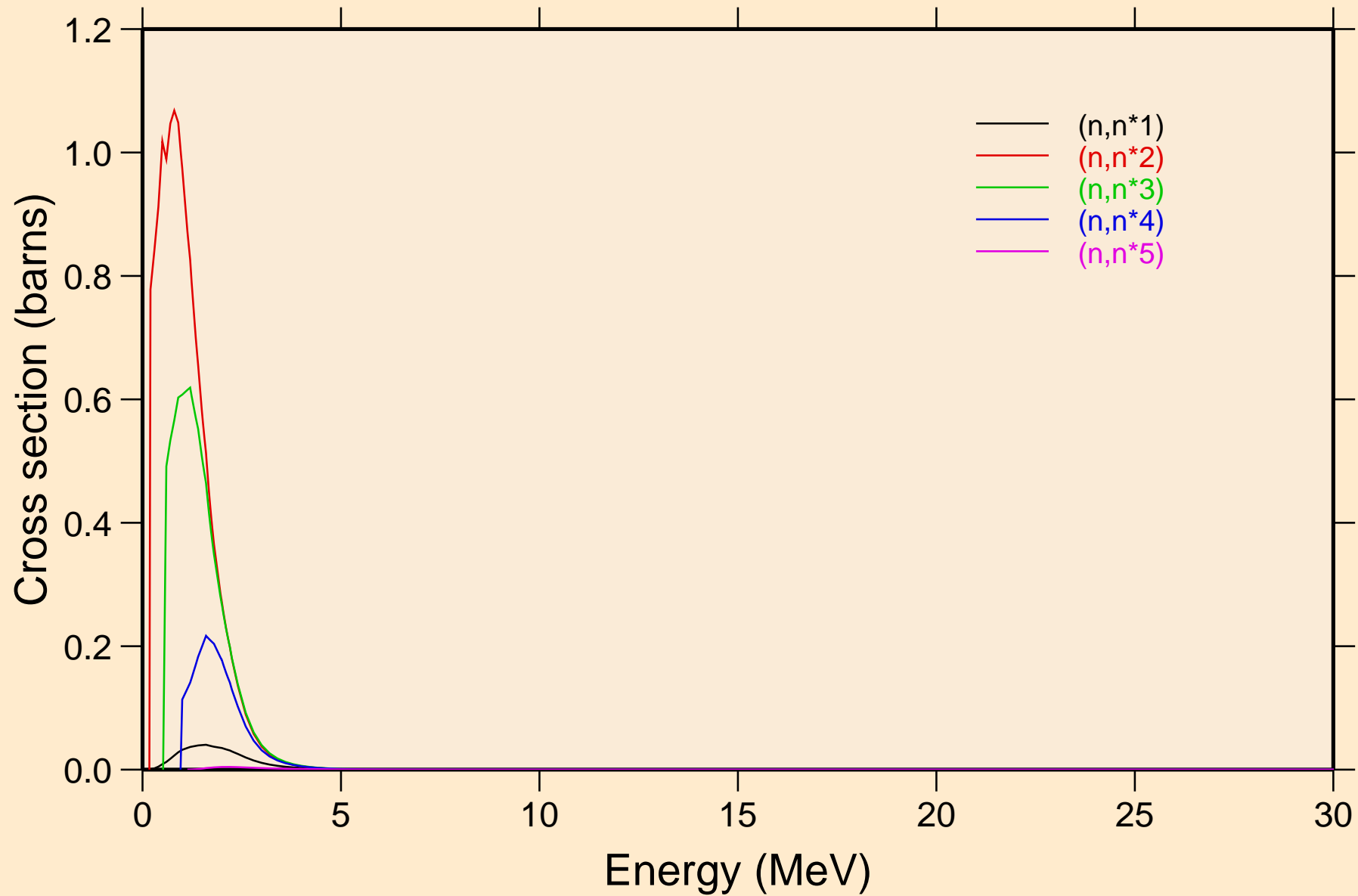
# HO149M NRG TENDL-2015, AKONING

## Non-threshold reactions



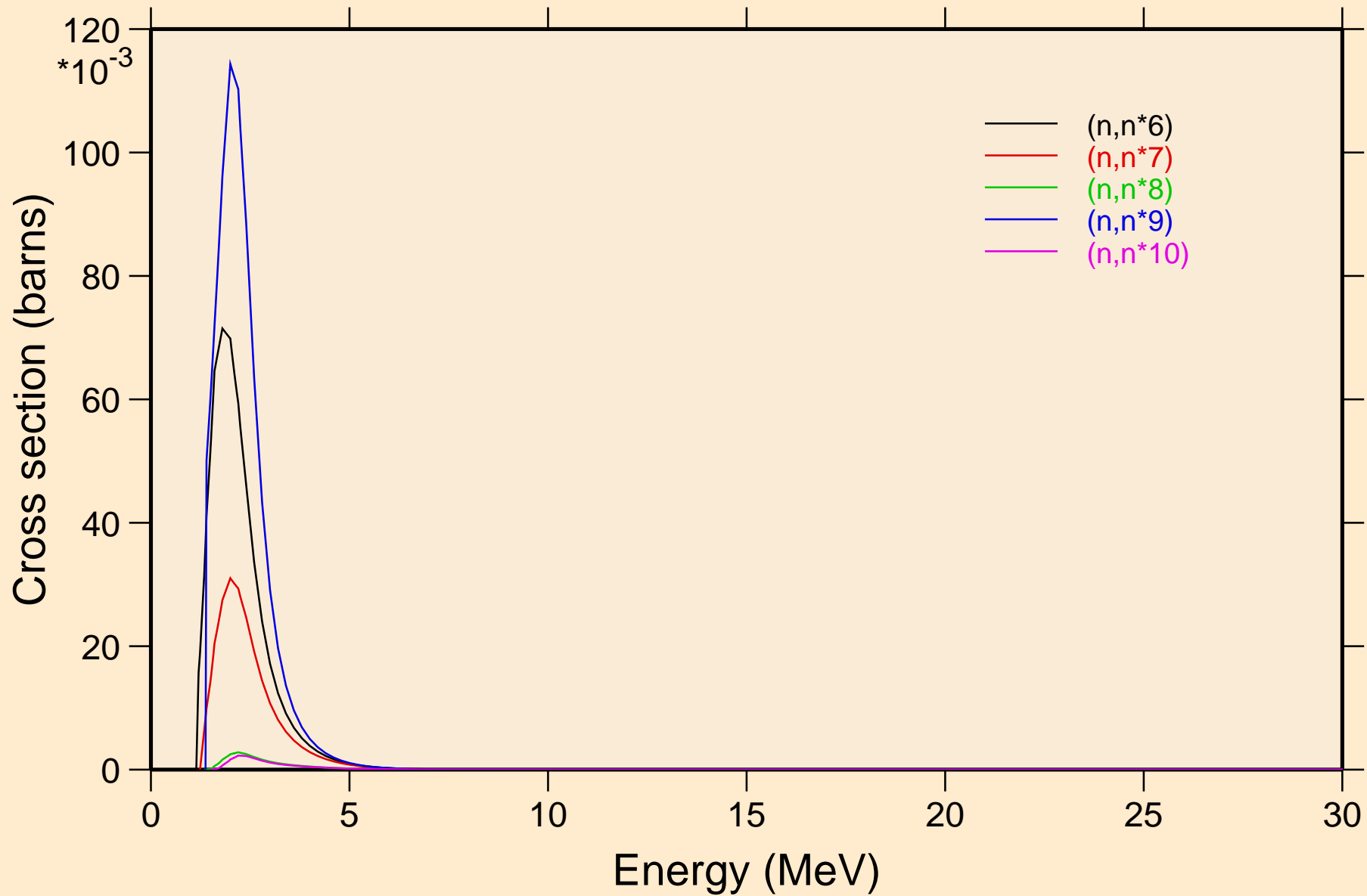
# HO149M NRG TENDL-2015, AKONING

## Inelastic levels



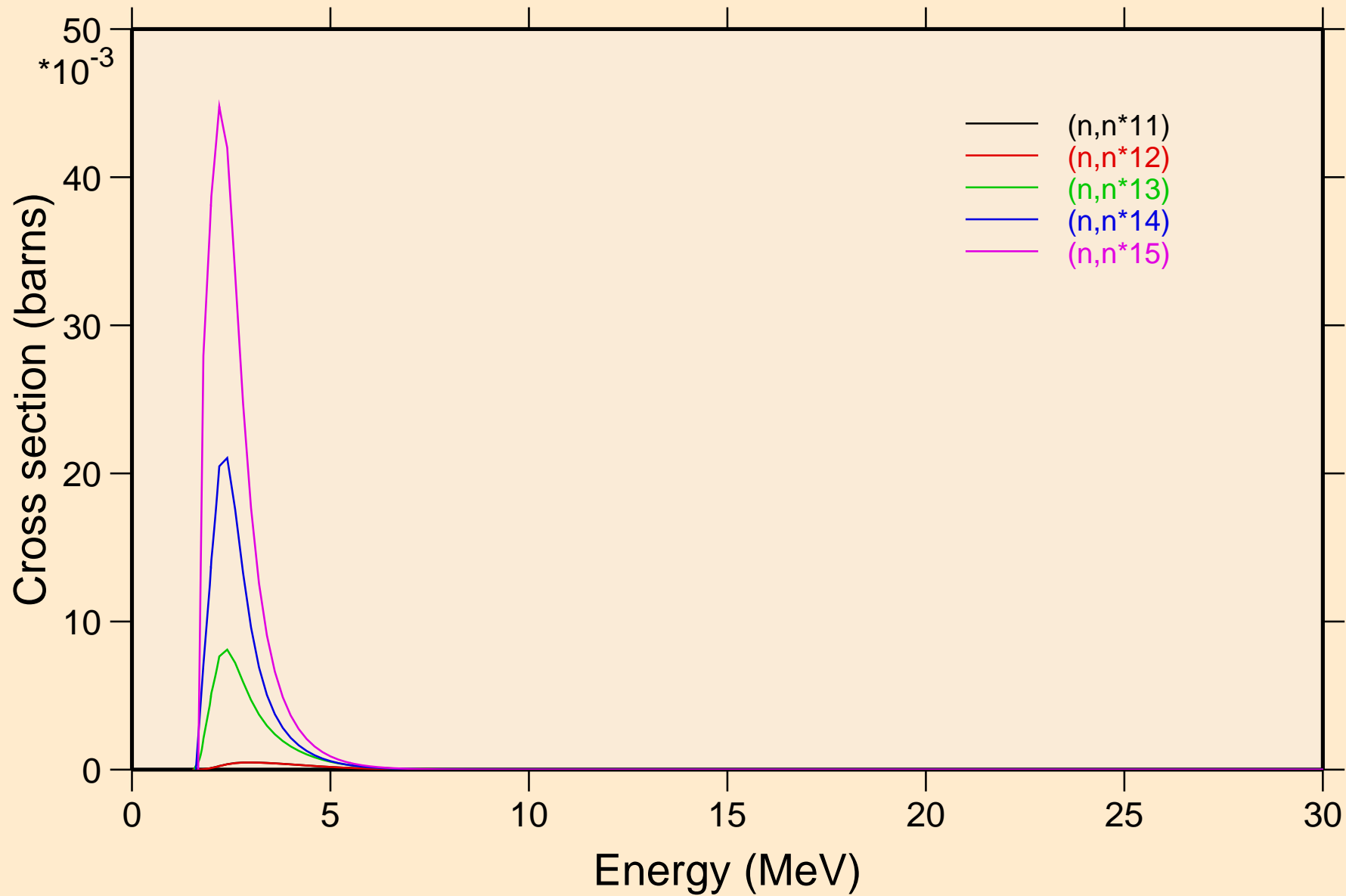
# HO149M NRG TENDL-2015, AKONING

## Inelastic levels



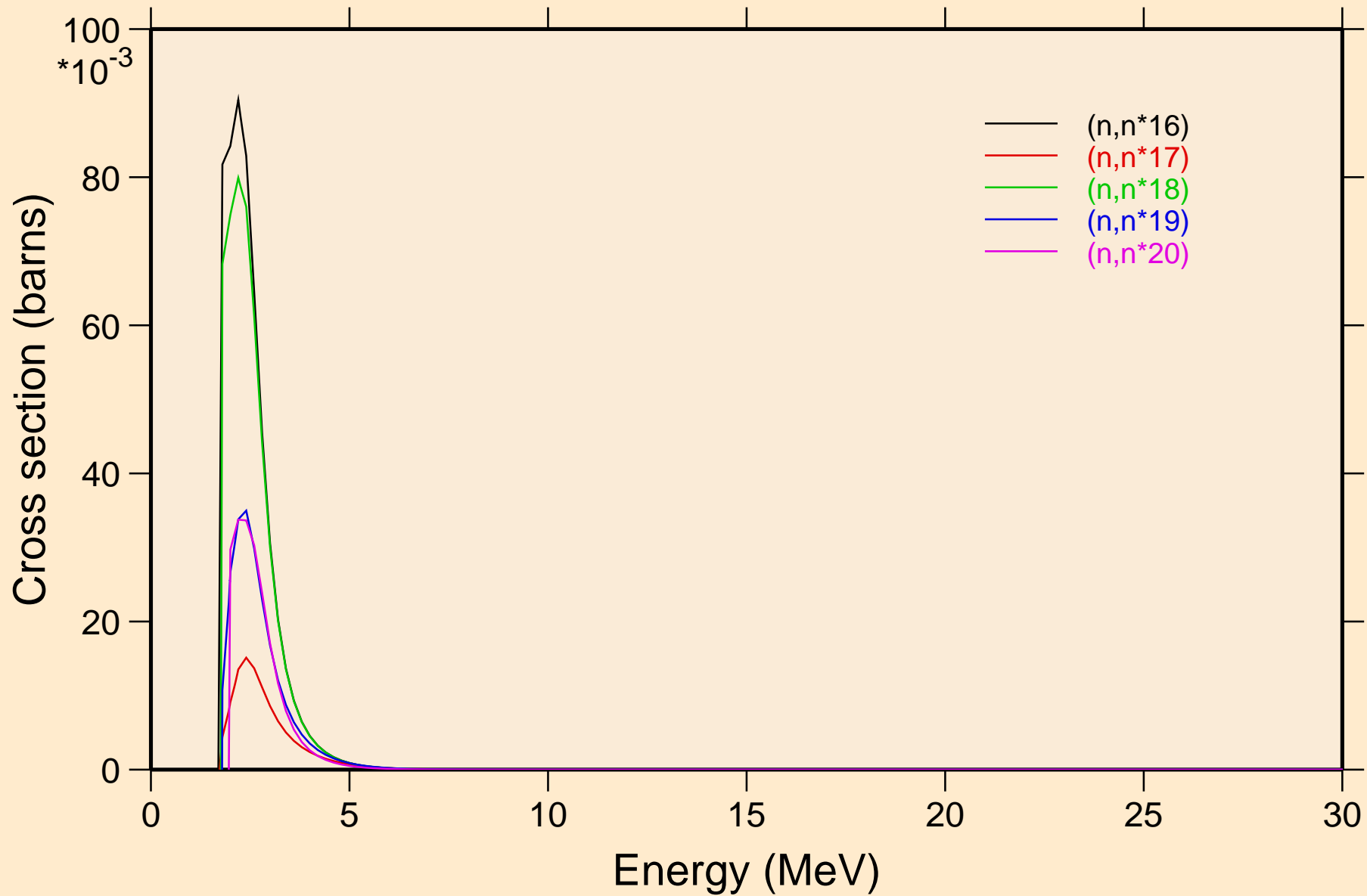
# HO149M NRG TENDL-2015, AKONING

## Inelastic levels



# HO149M NRG TENDL-2015, AKONING

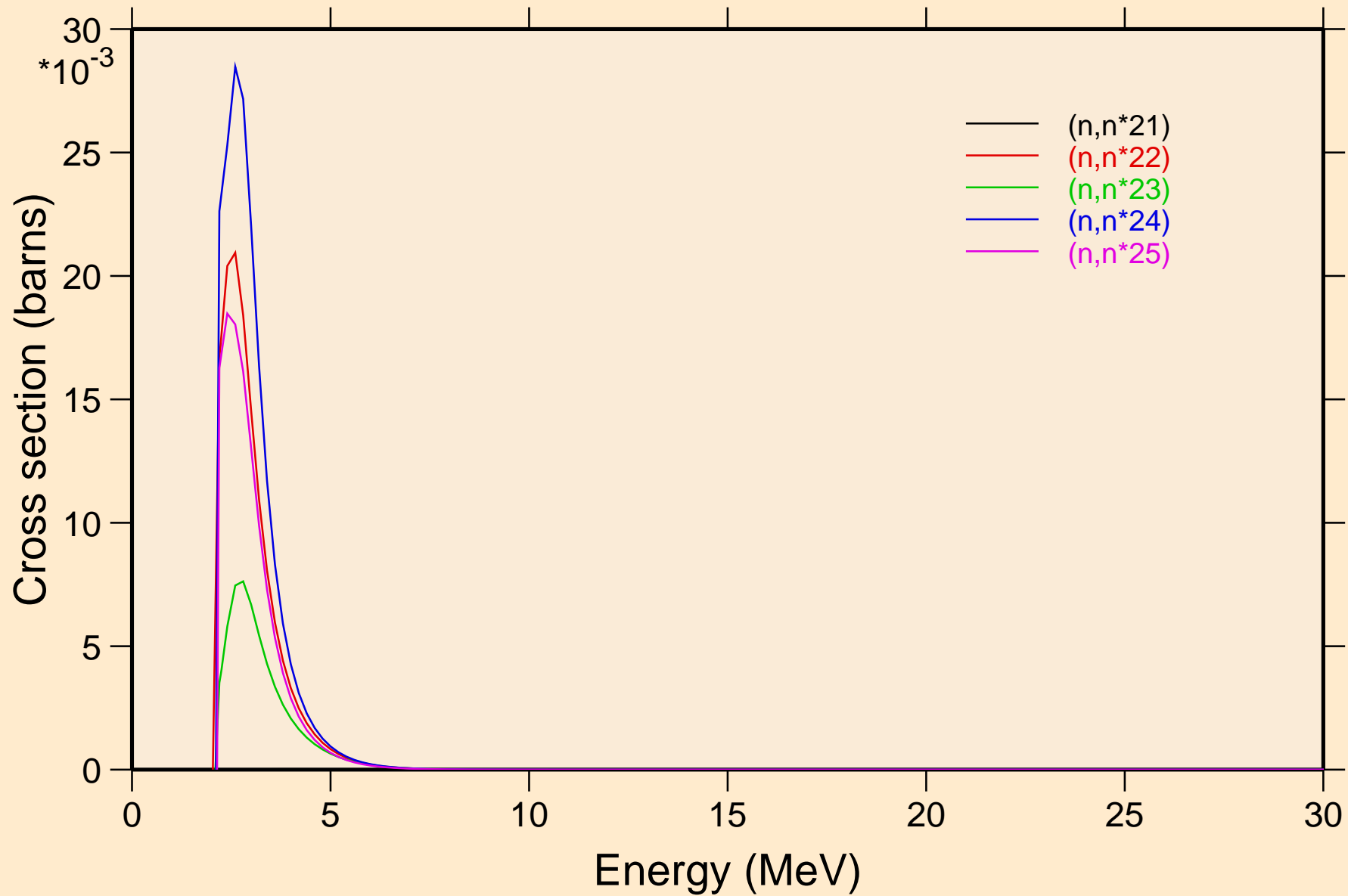
## Inelastic levels





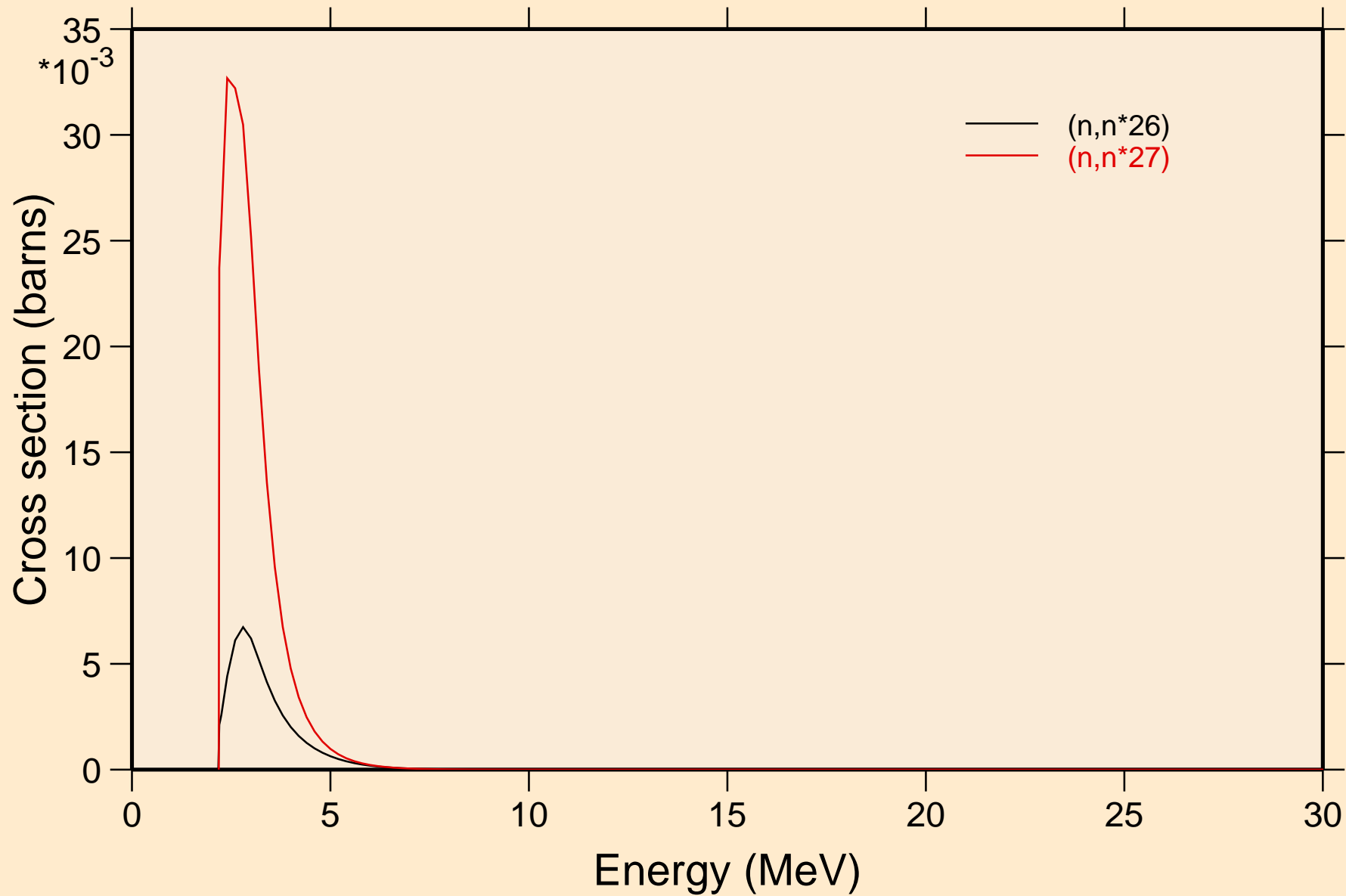
# HO149M NRG TENDL-2015, AKONING

## Inelastic levels



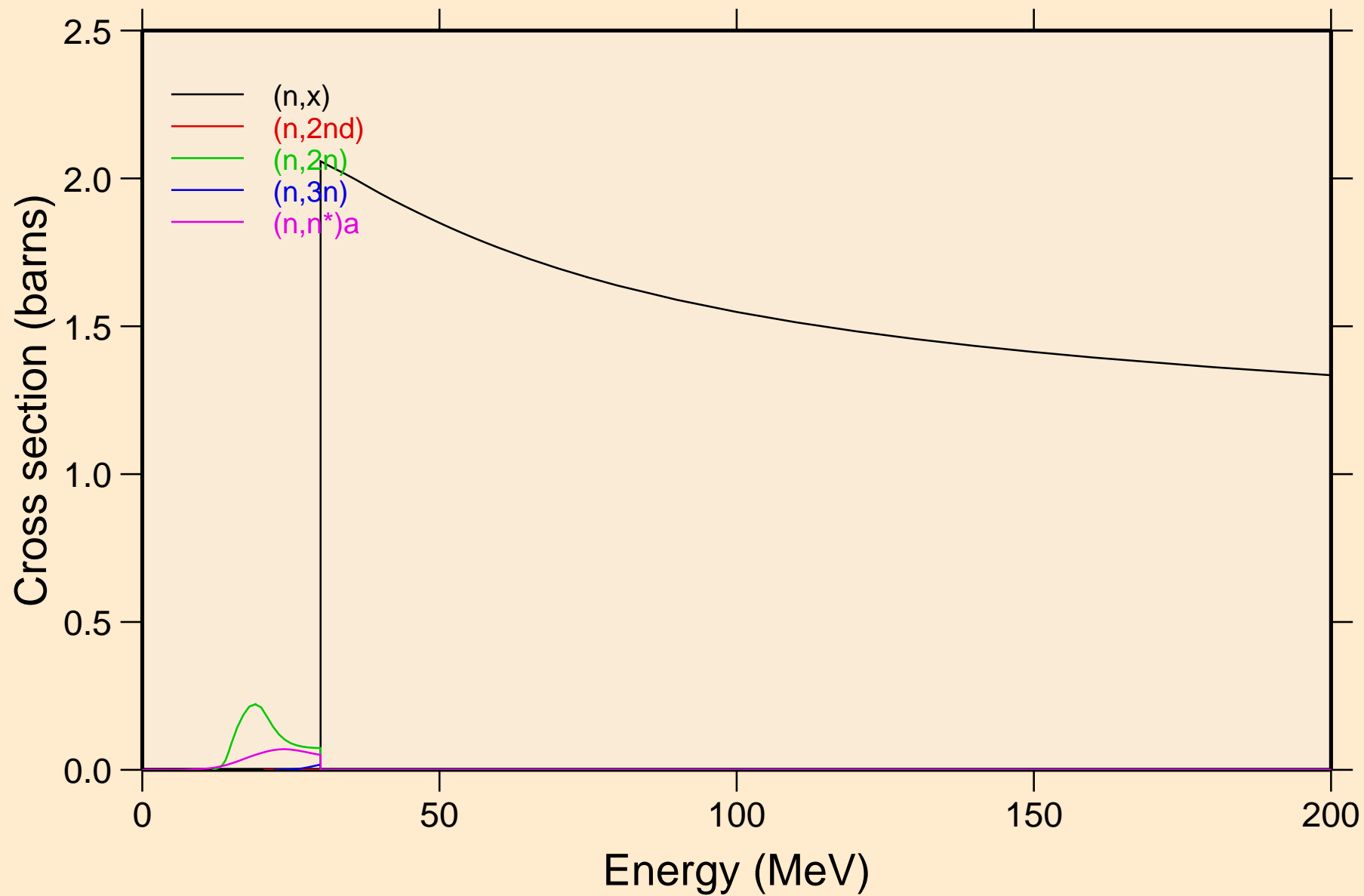
# HO149M NRG TENDL-2015, AKONING

## Inelastic levels



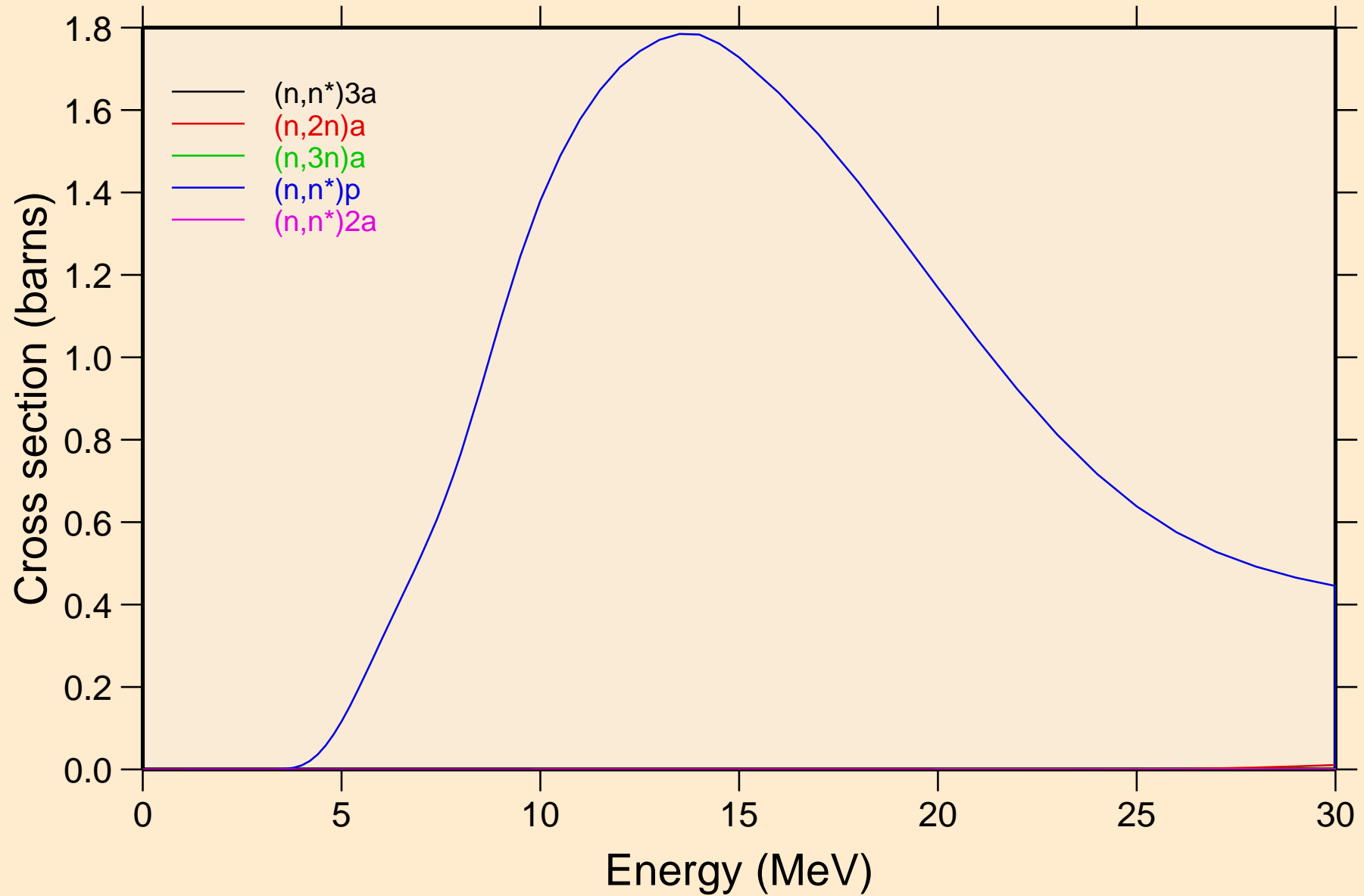
# HO149M NRG TENDL-2015, AKONING

## Threshold reactions



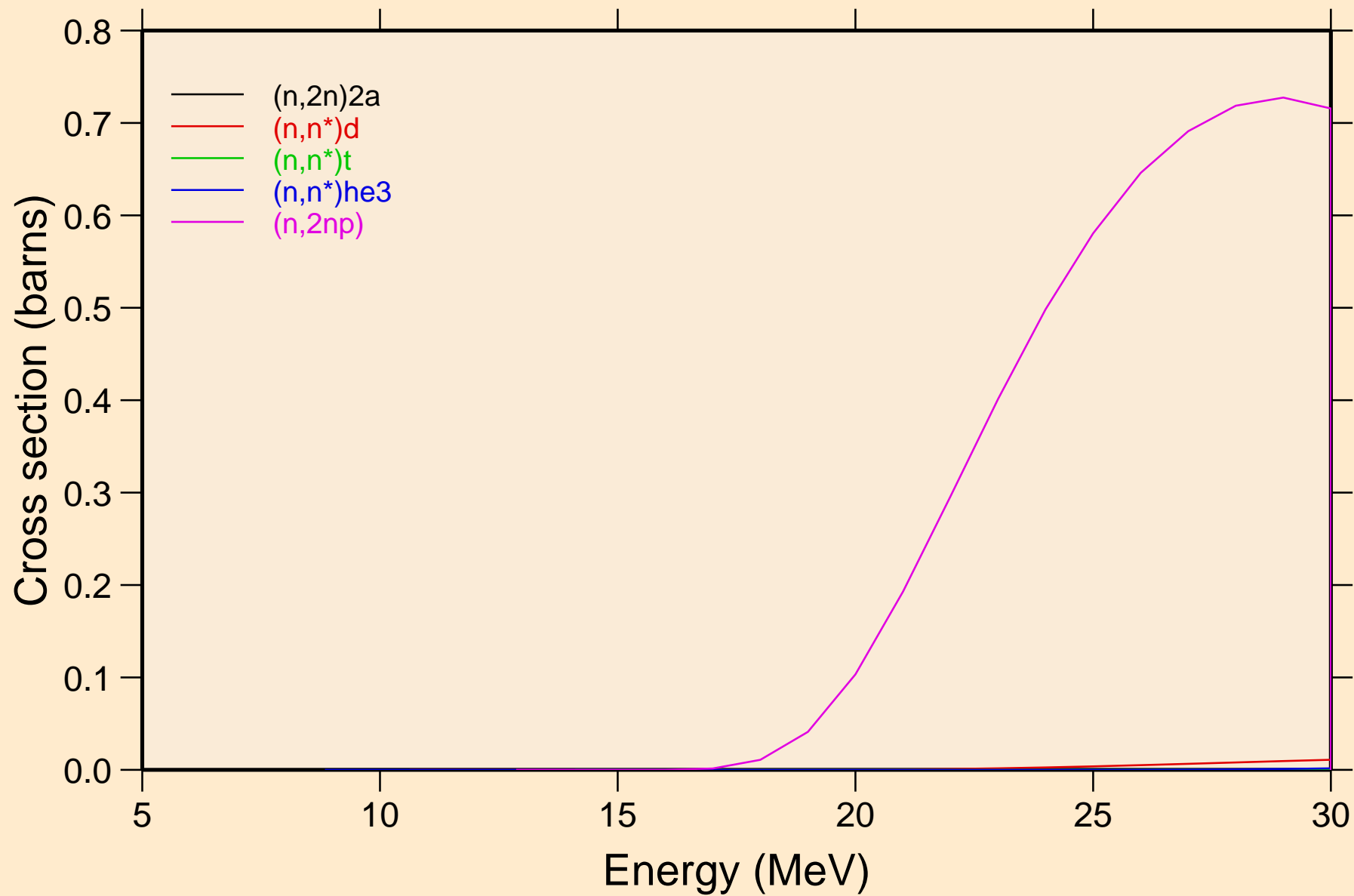
# HO149M NRG TENDL-2015, AKONING

## Threshold reactions



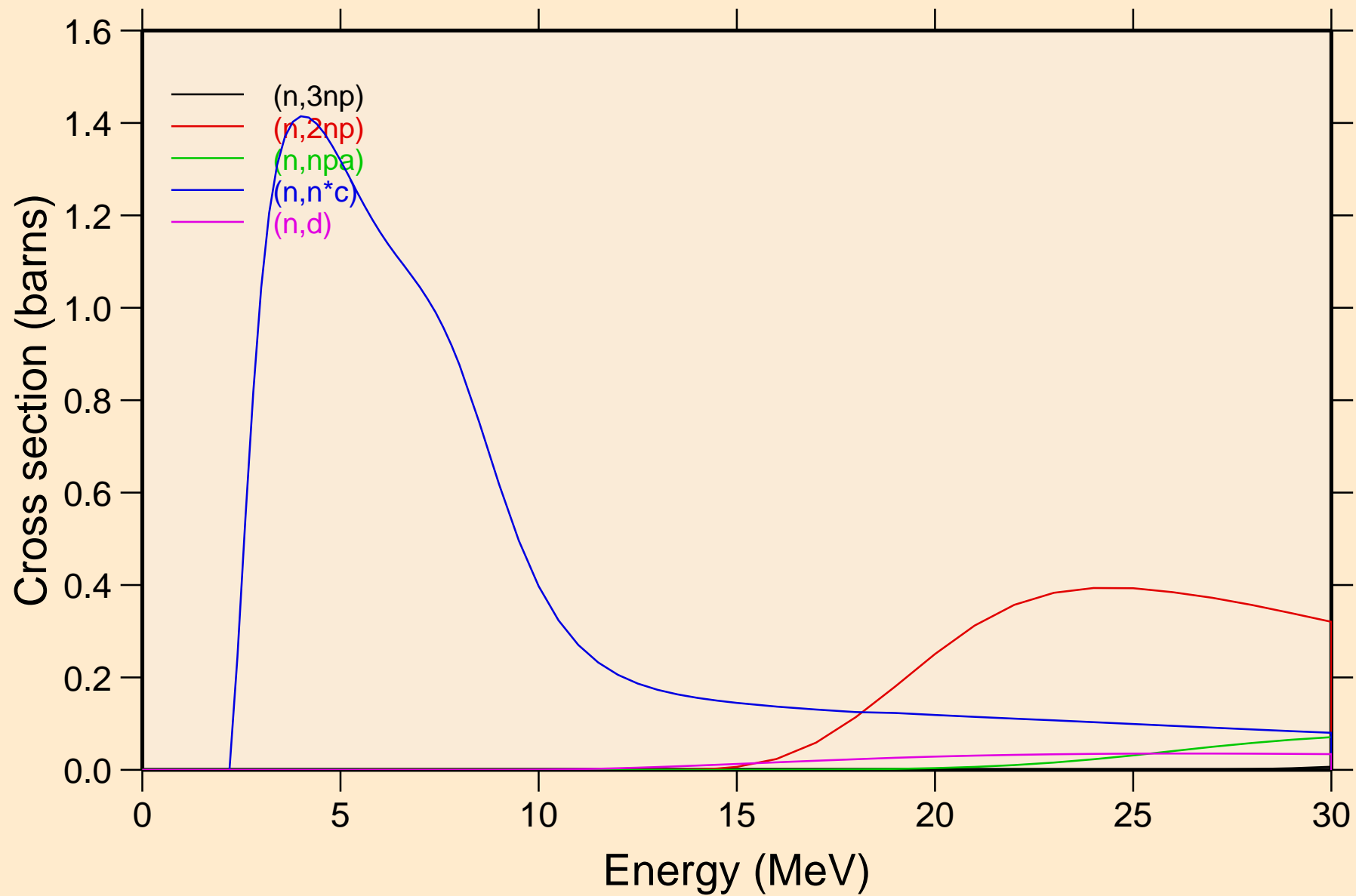
# HO149M NRG TENDL-2015, AKONING

## Threshold reactions



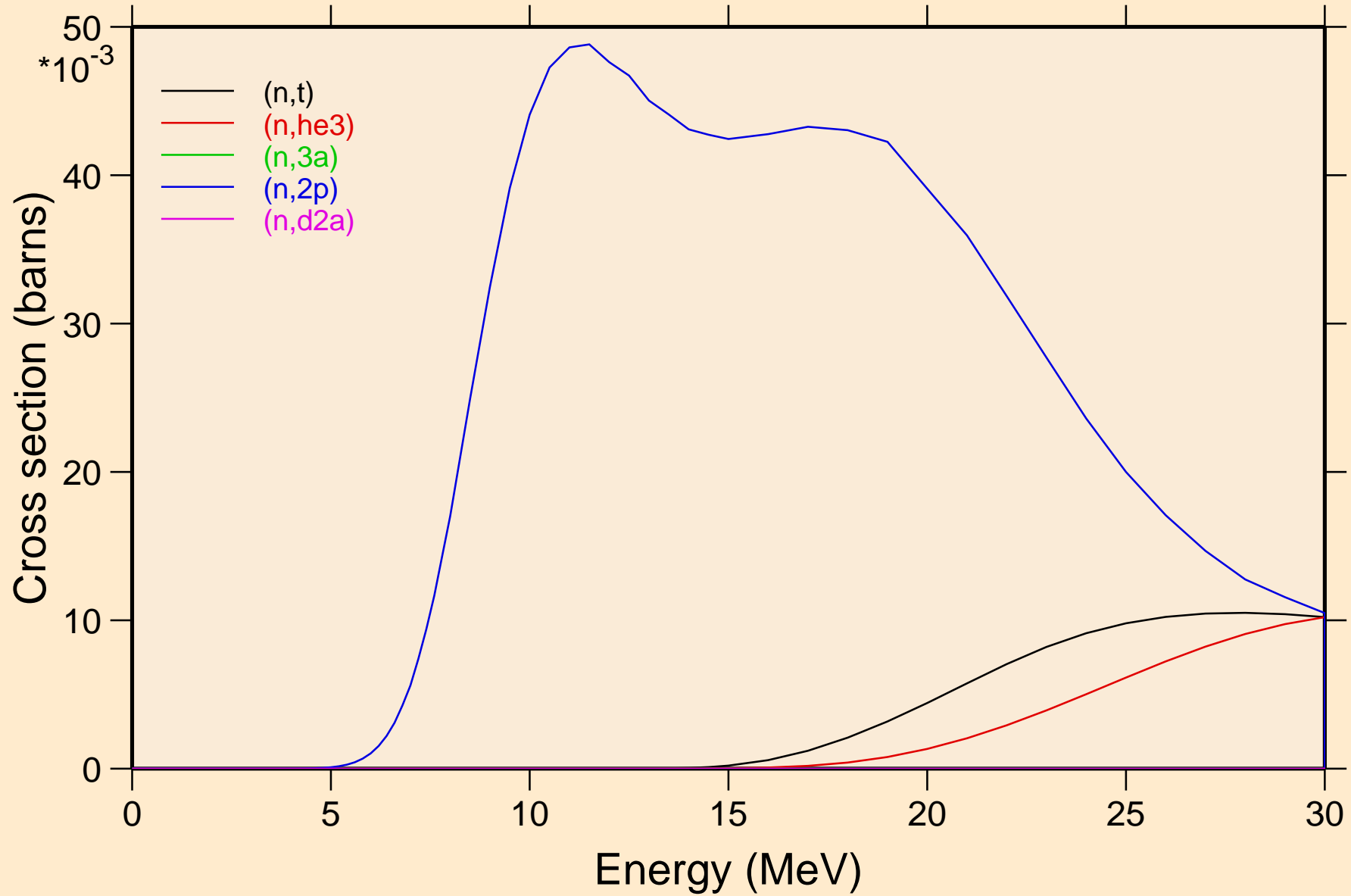
# HO149M NRG TENDL-2015, AKONING

## Threshold reactions



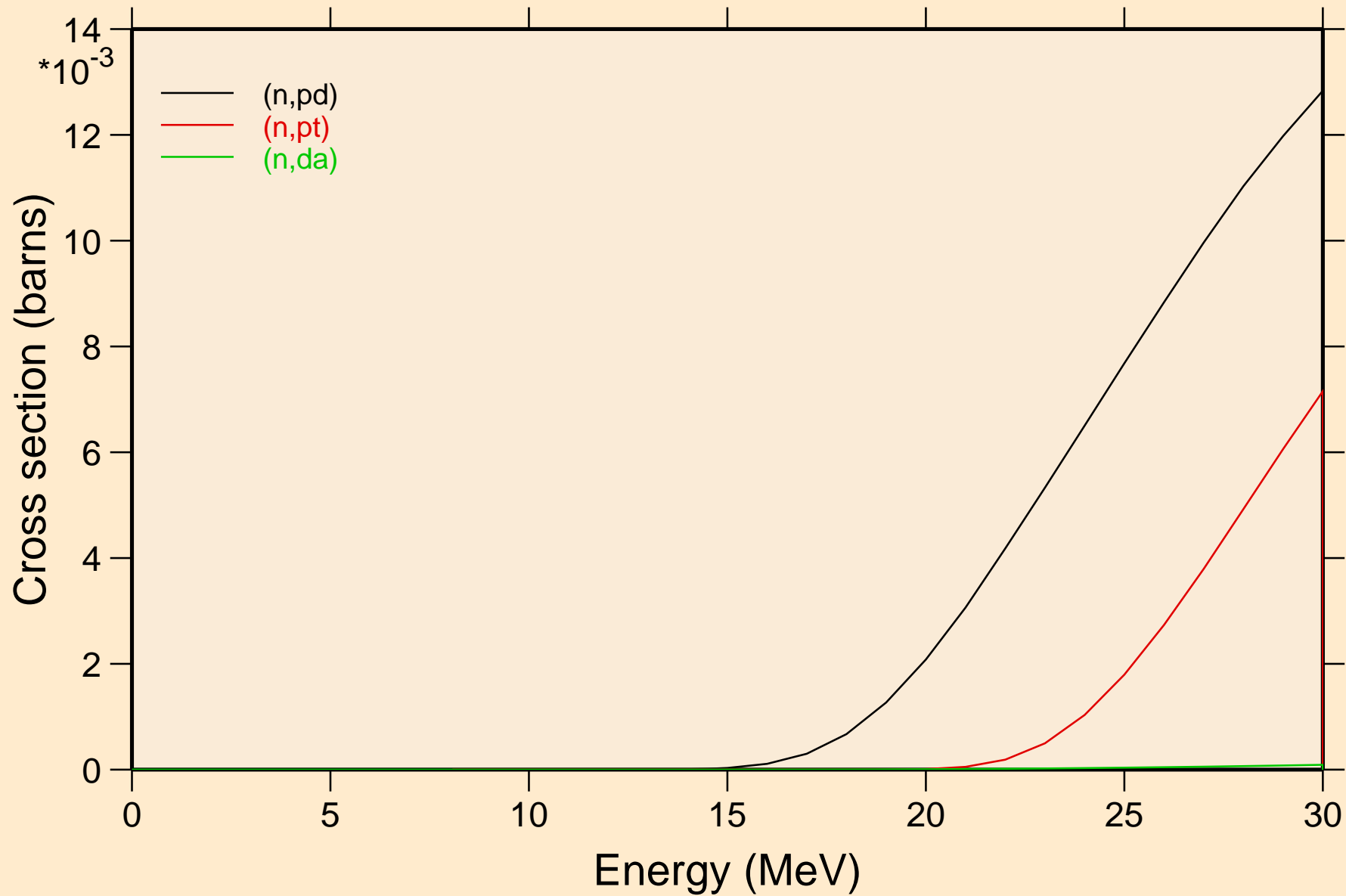
# HO149M NRG TENDL-2015, AKONING

## Threshold reactions



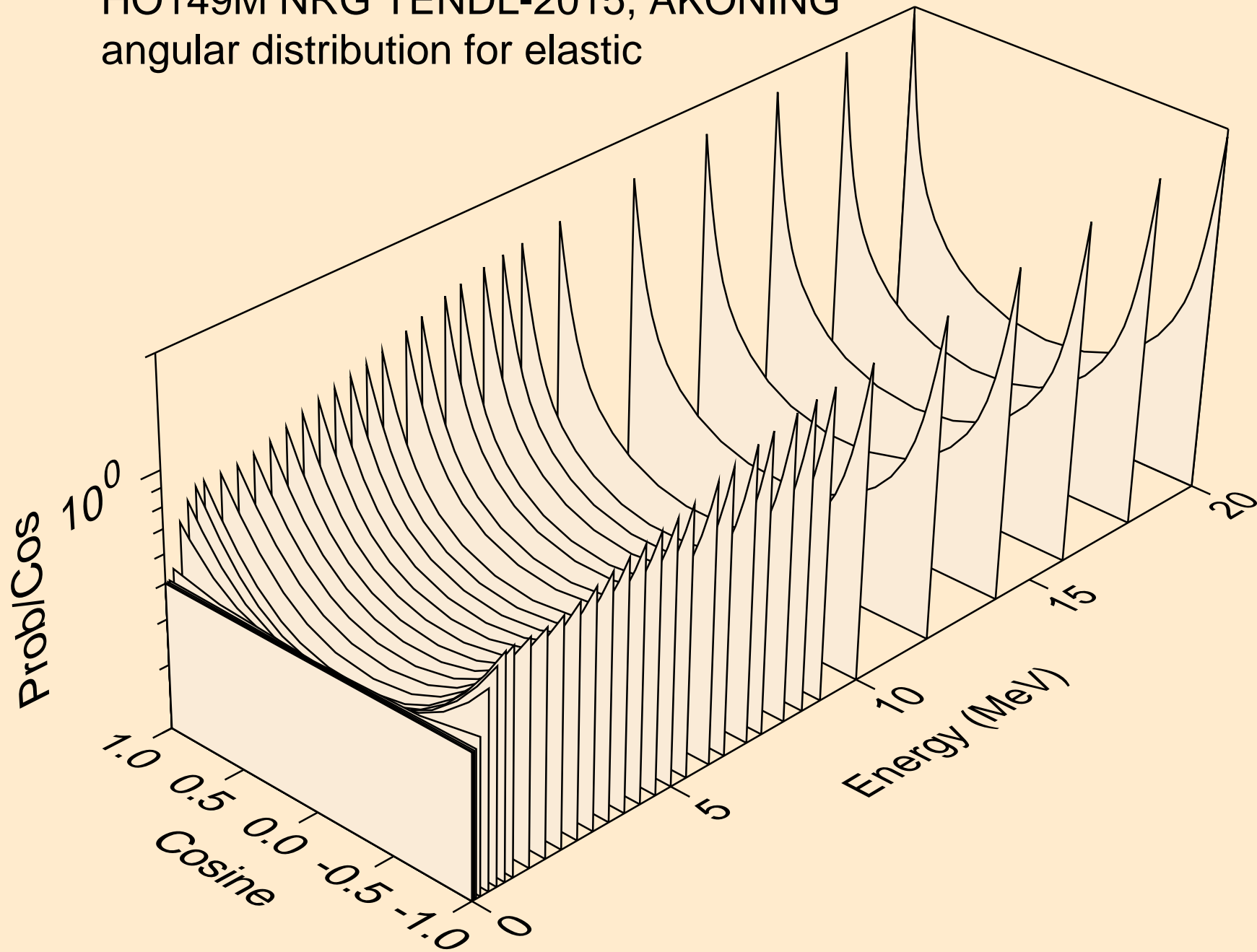
# HO149M NRG TENDL-2015, AKONING

## Threshold reactions

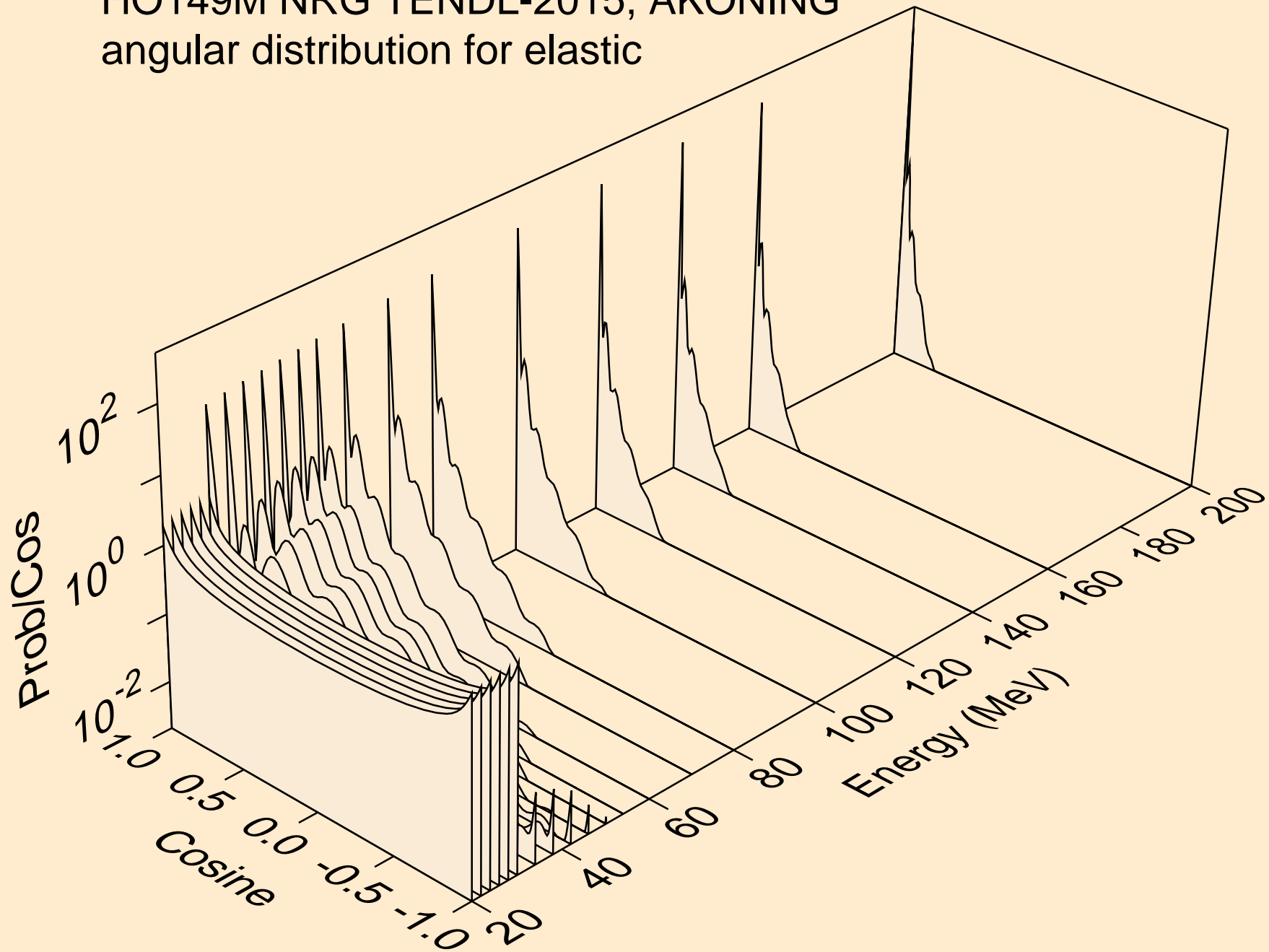




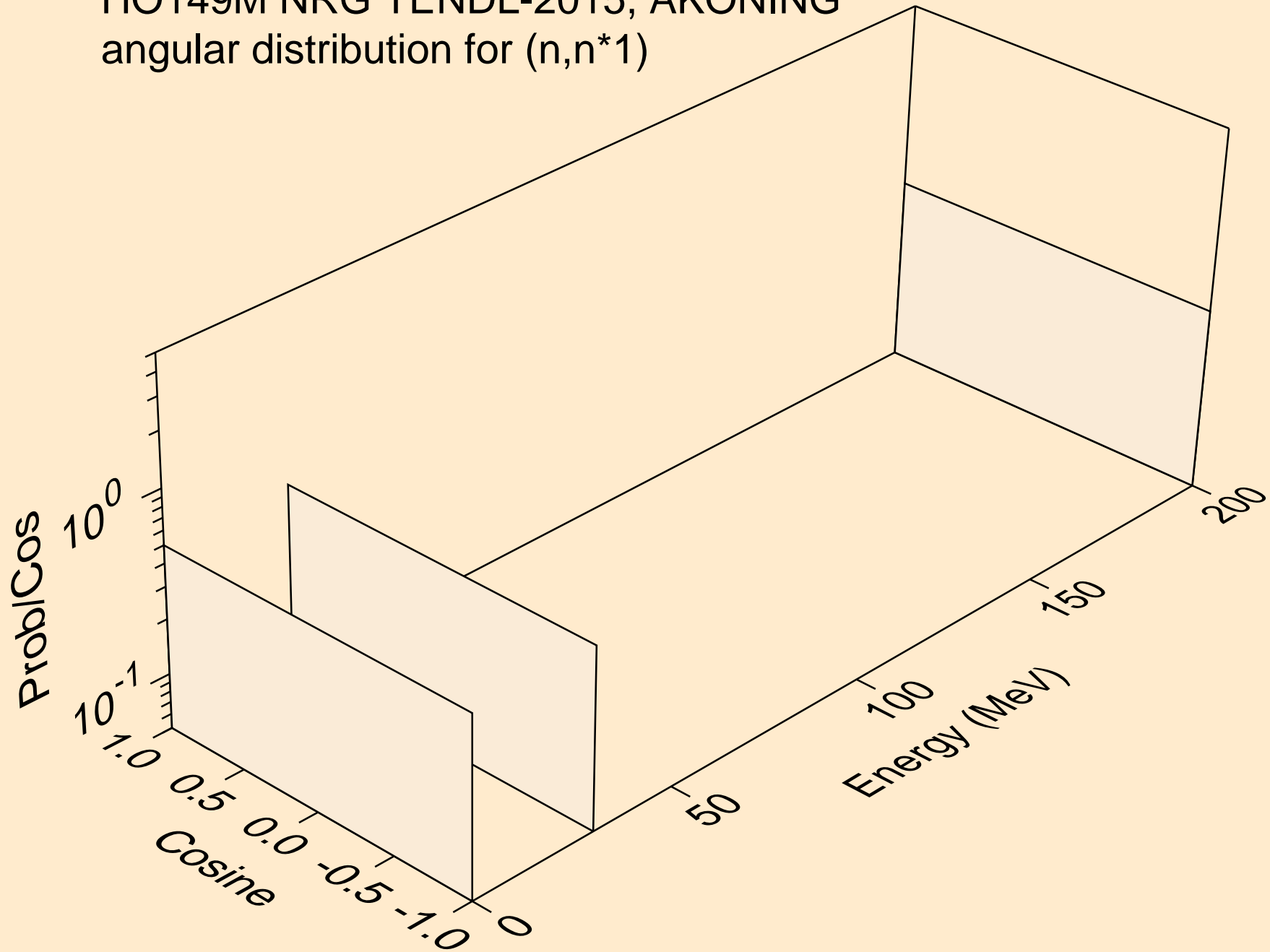
HO149M NRG TENDL-2015, AKONING  
angular distribution for elastic



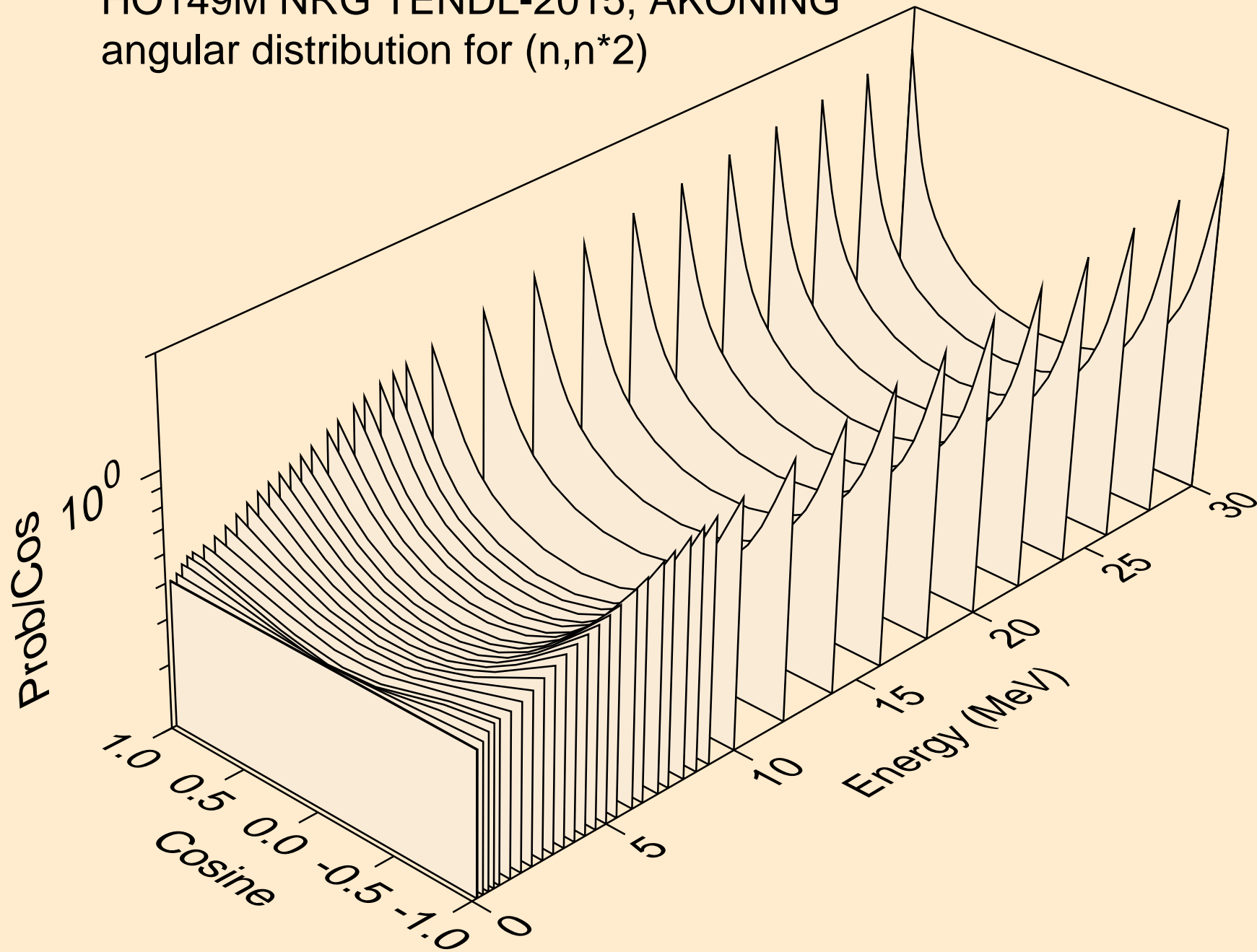
HO149M NRG TENDL-2015, AKONING  
angular distribution for elastic



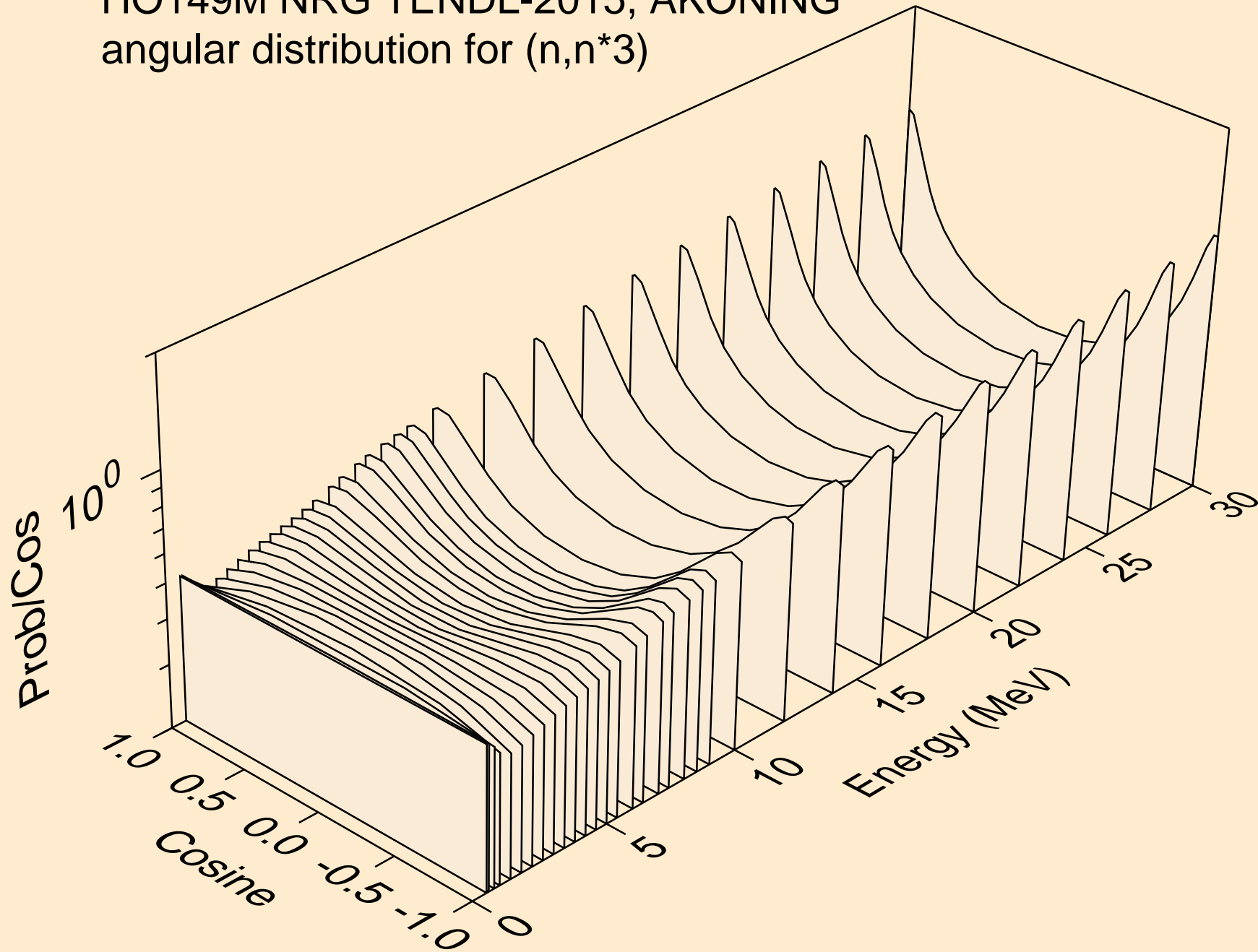
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



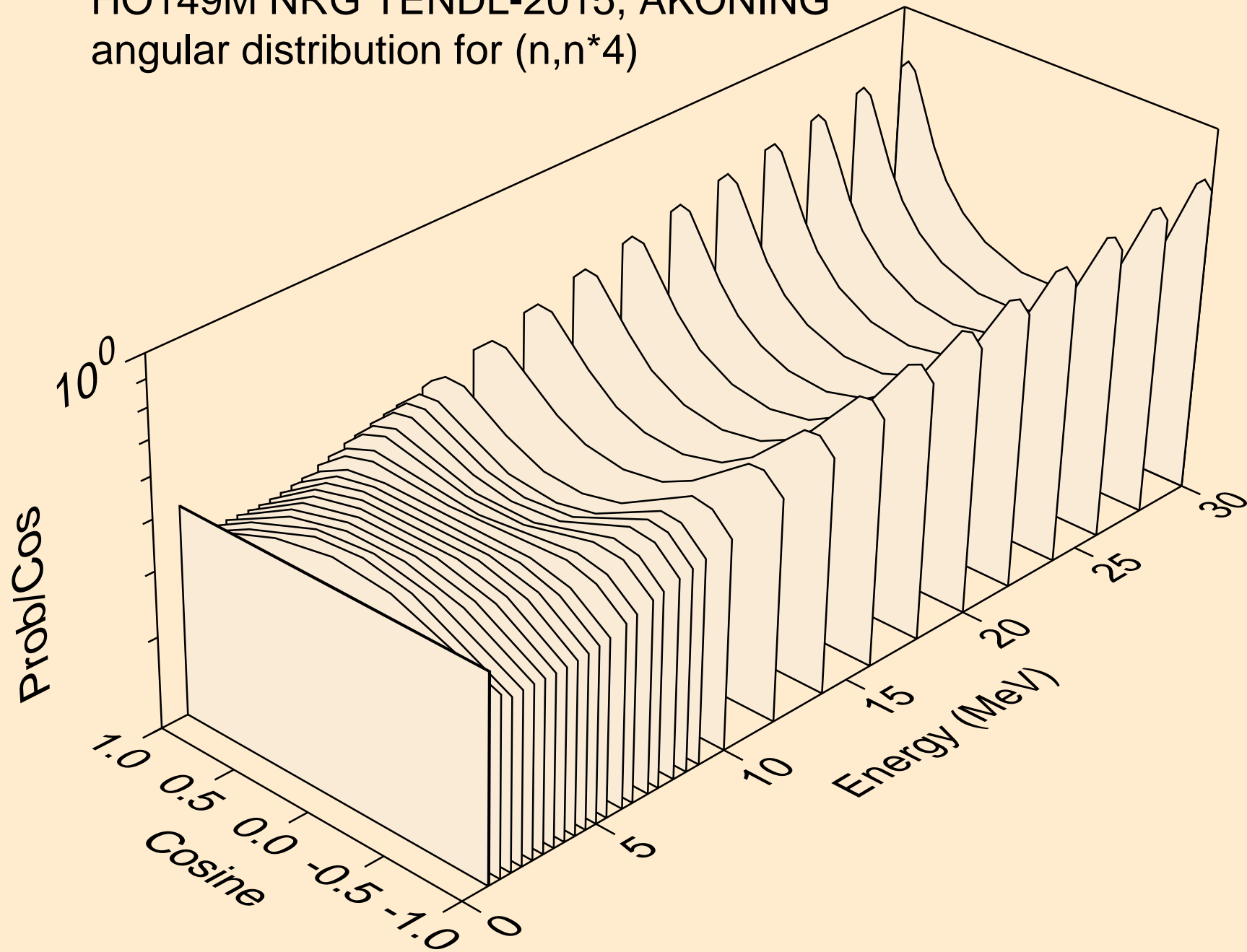
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



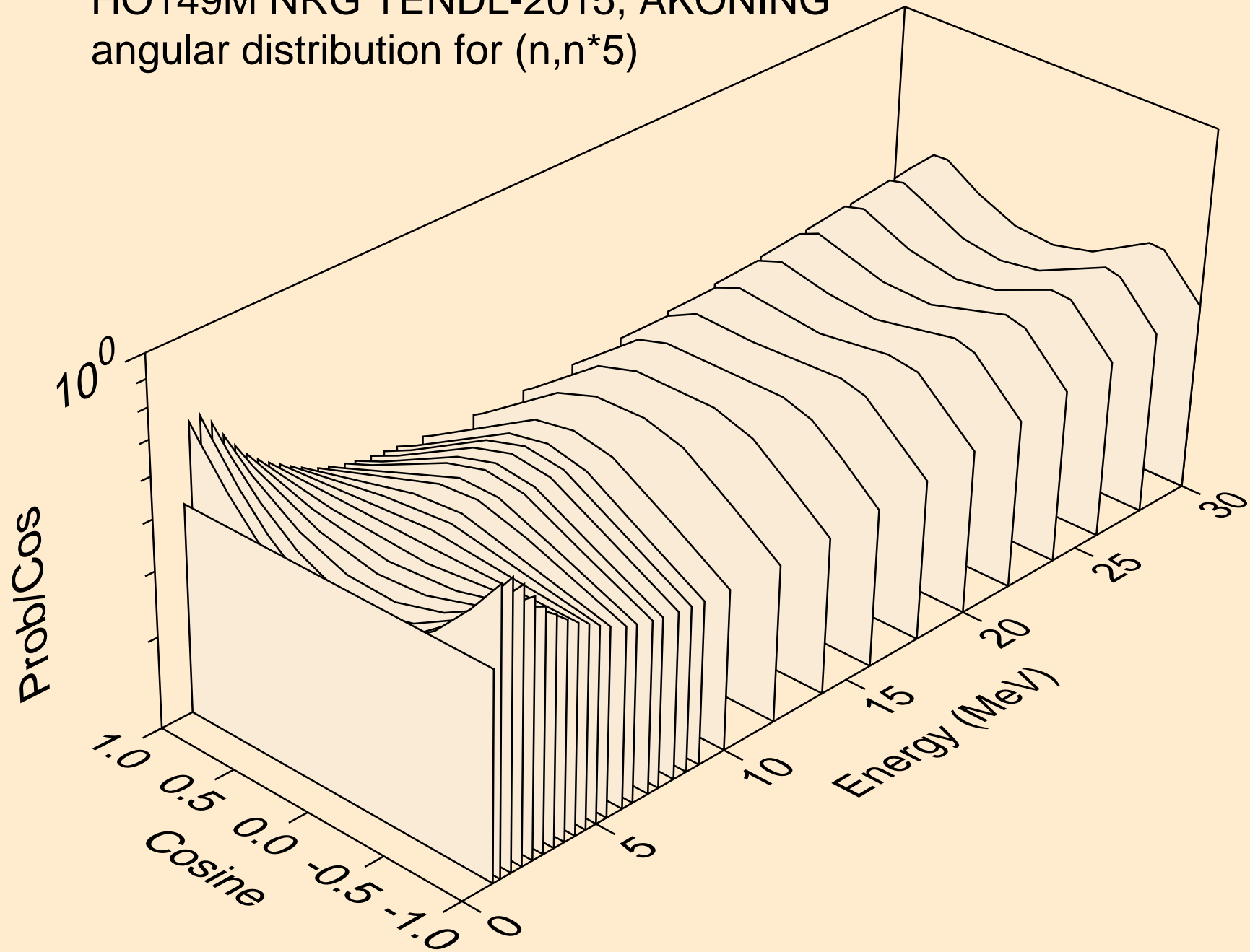
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



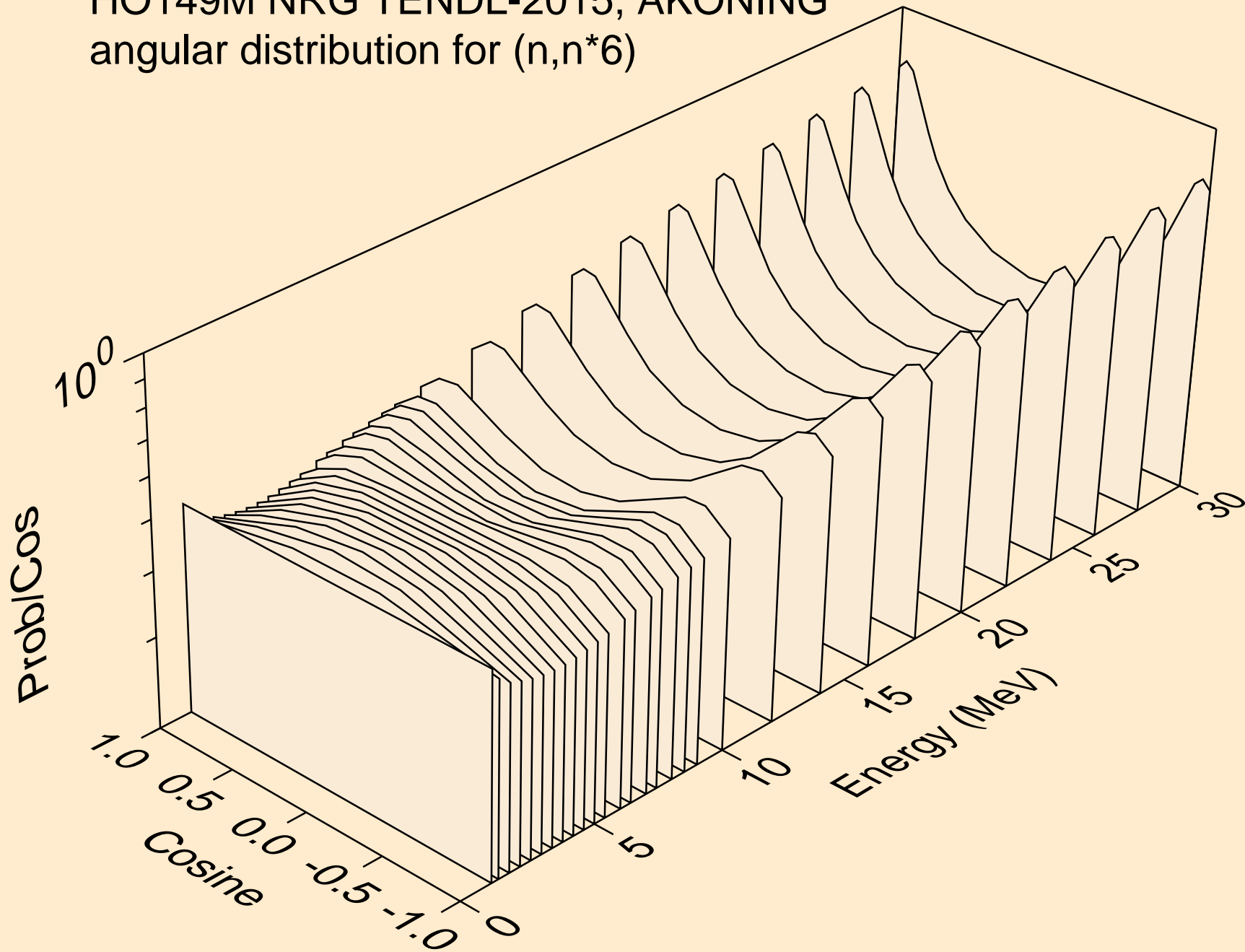
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

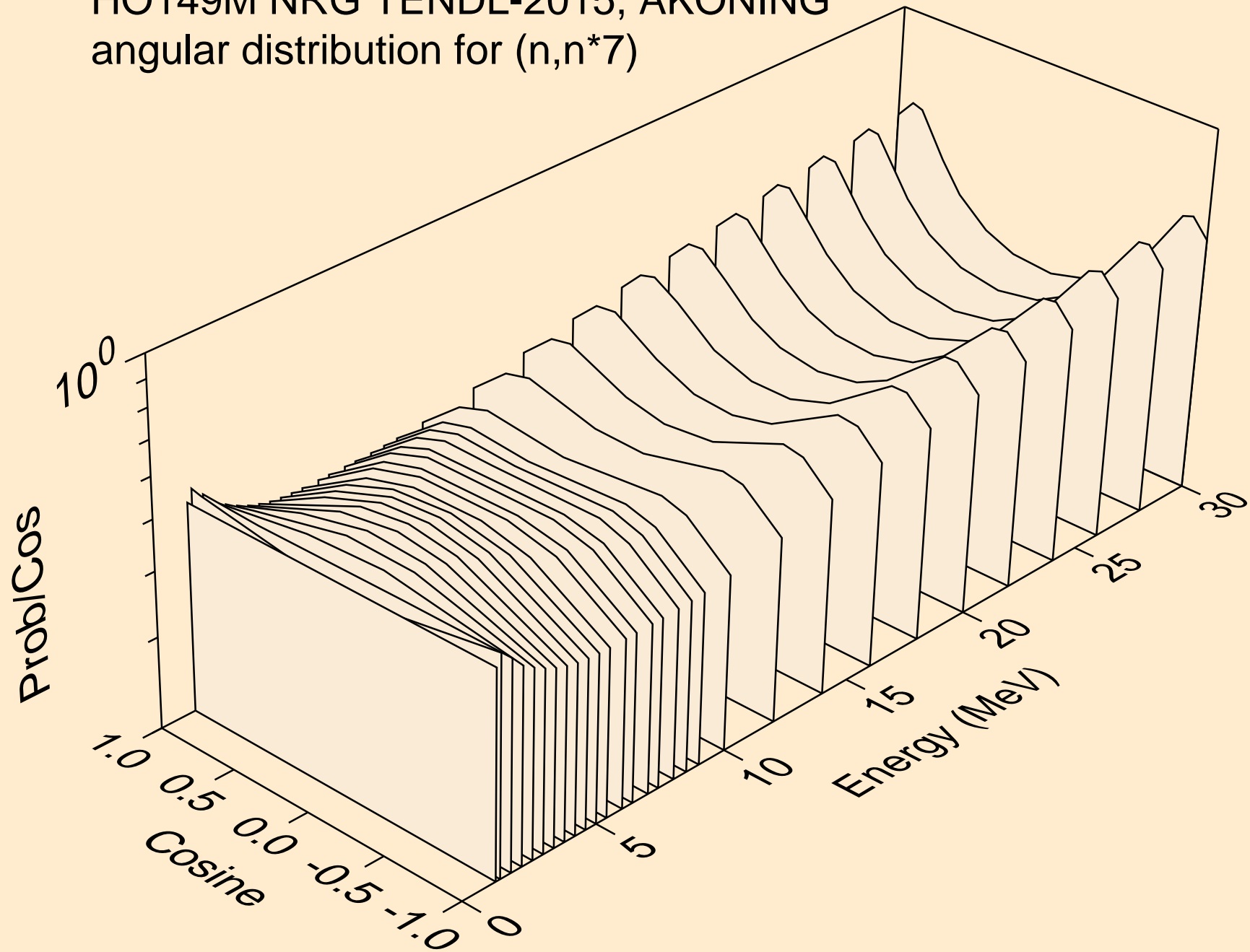


HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

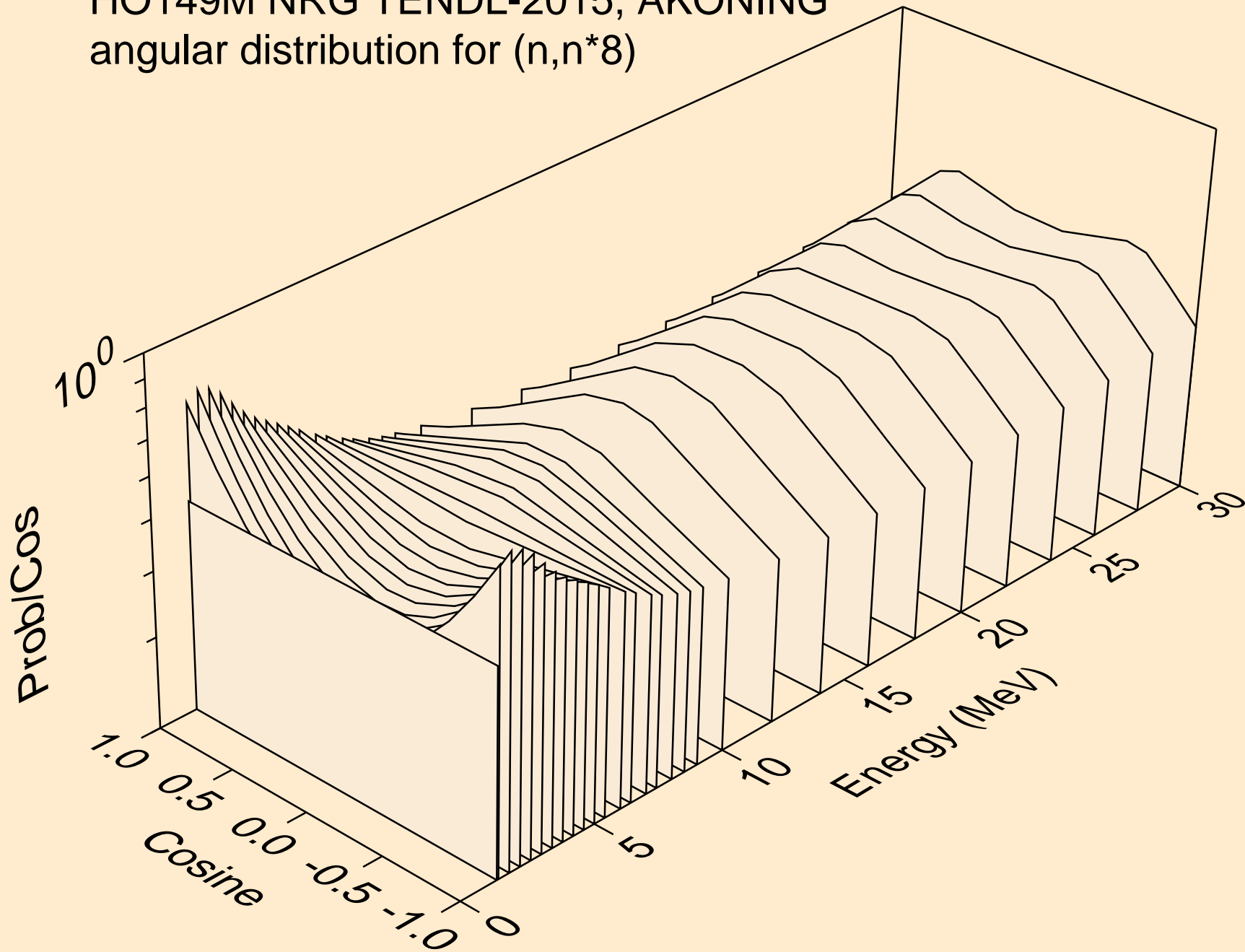




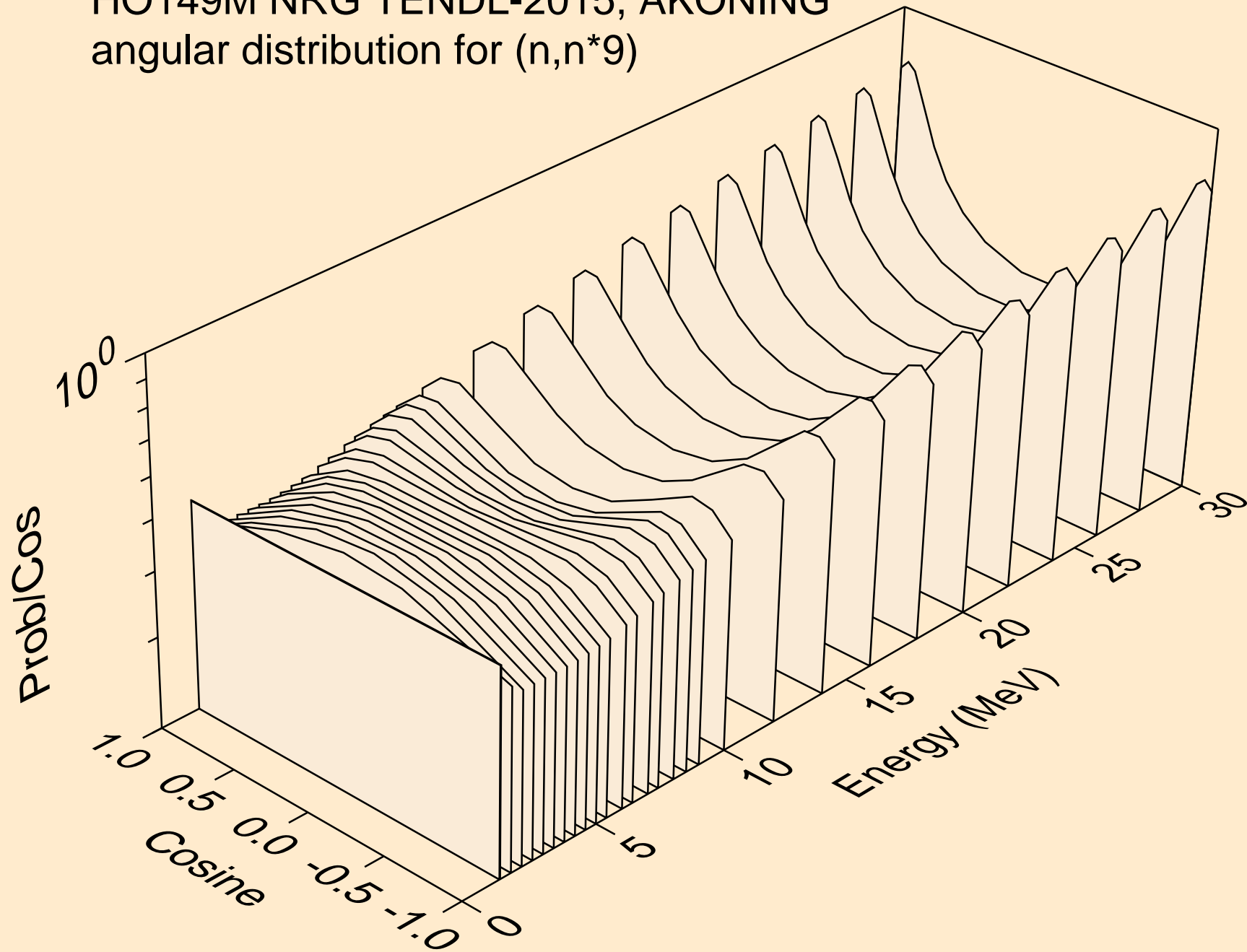
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



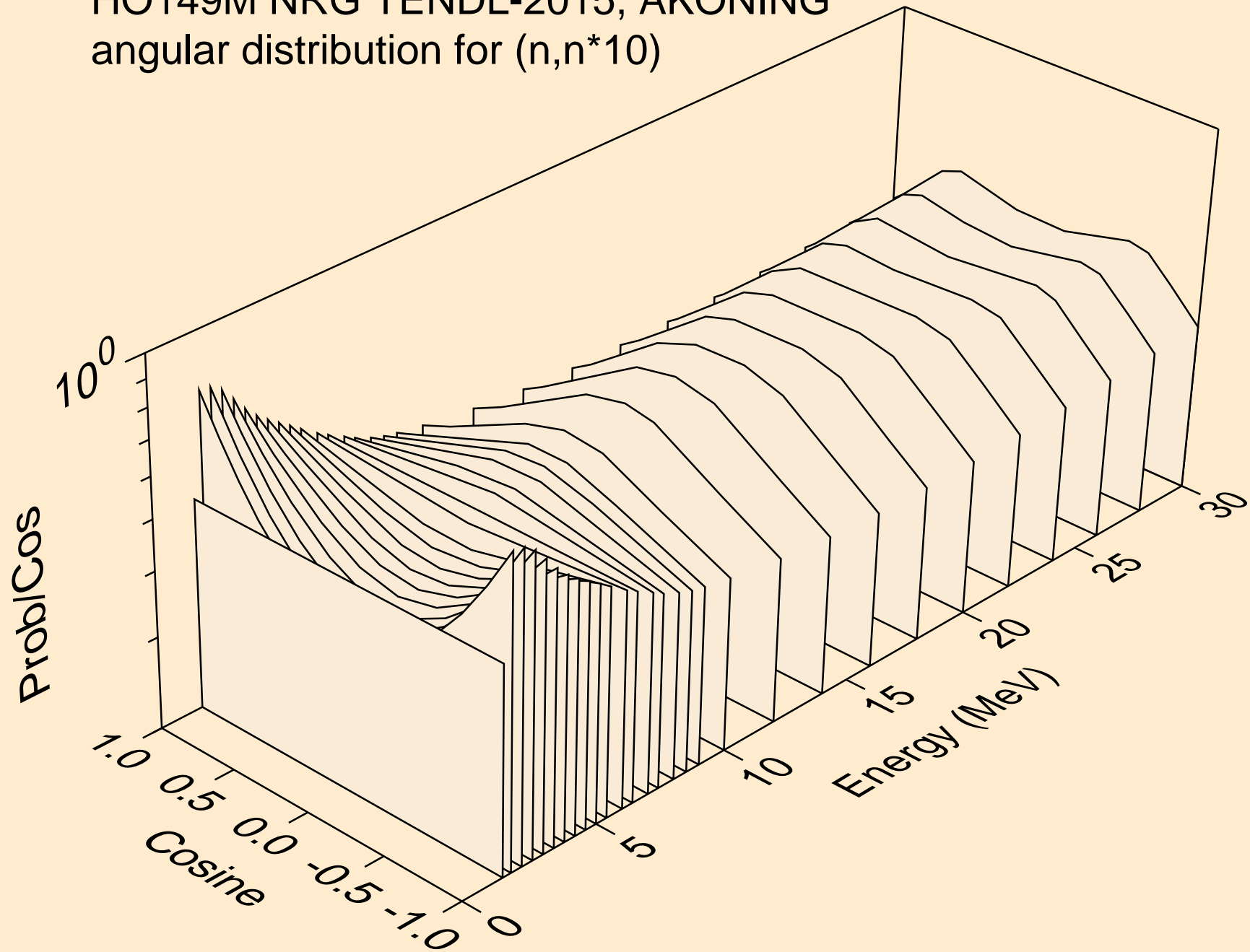
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



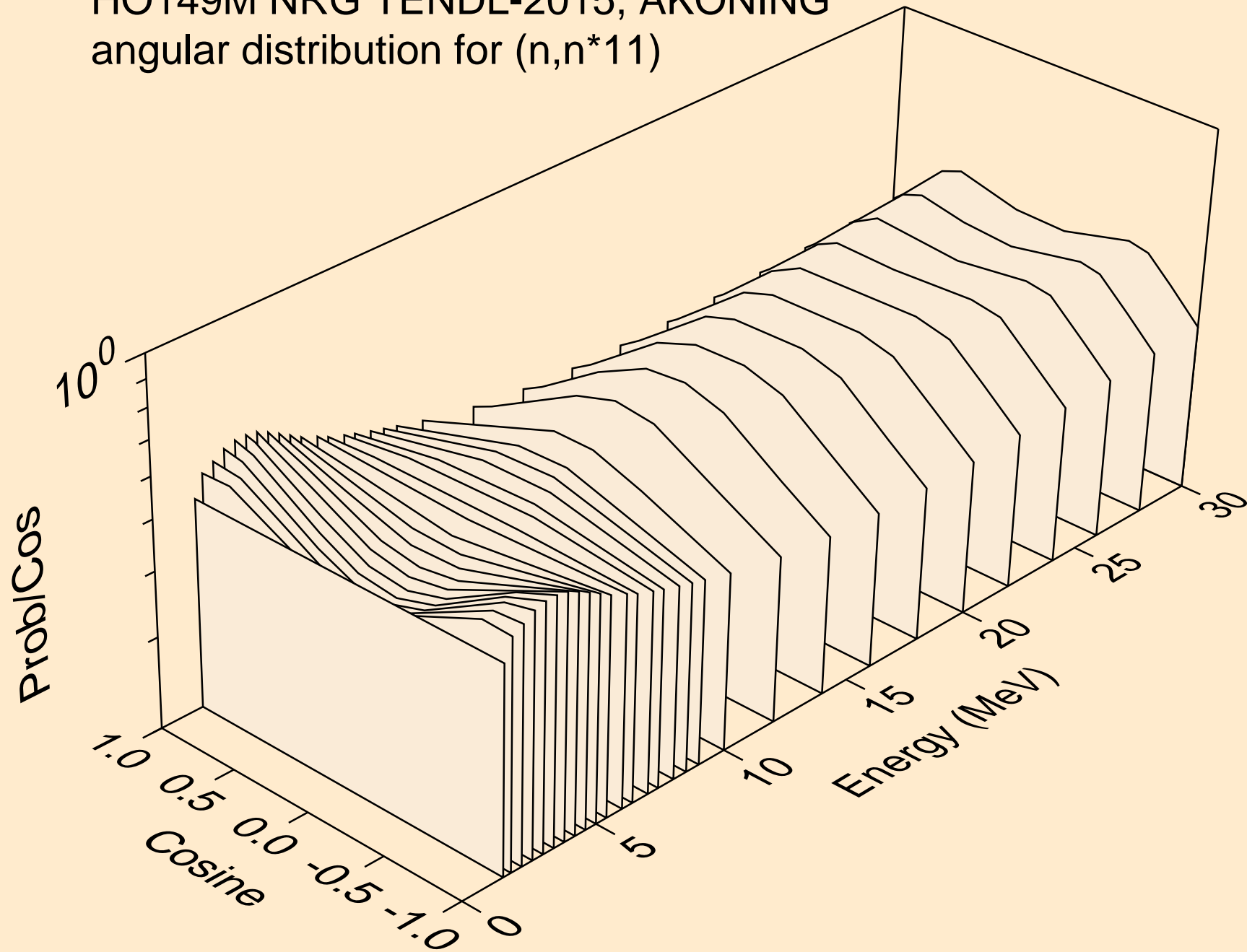
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



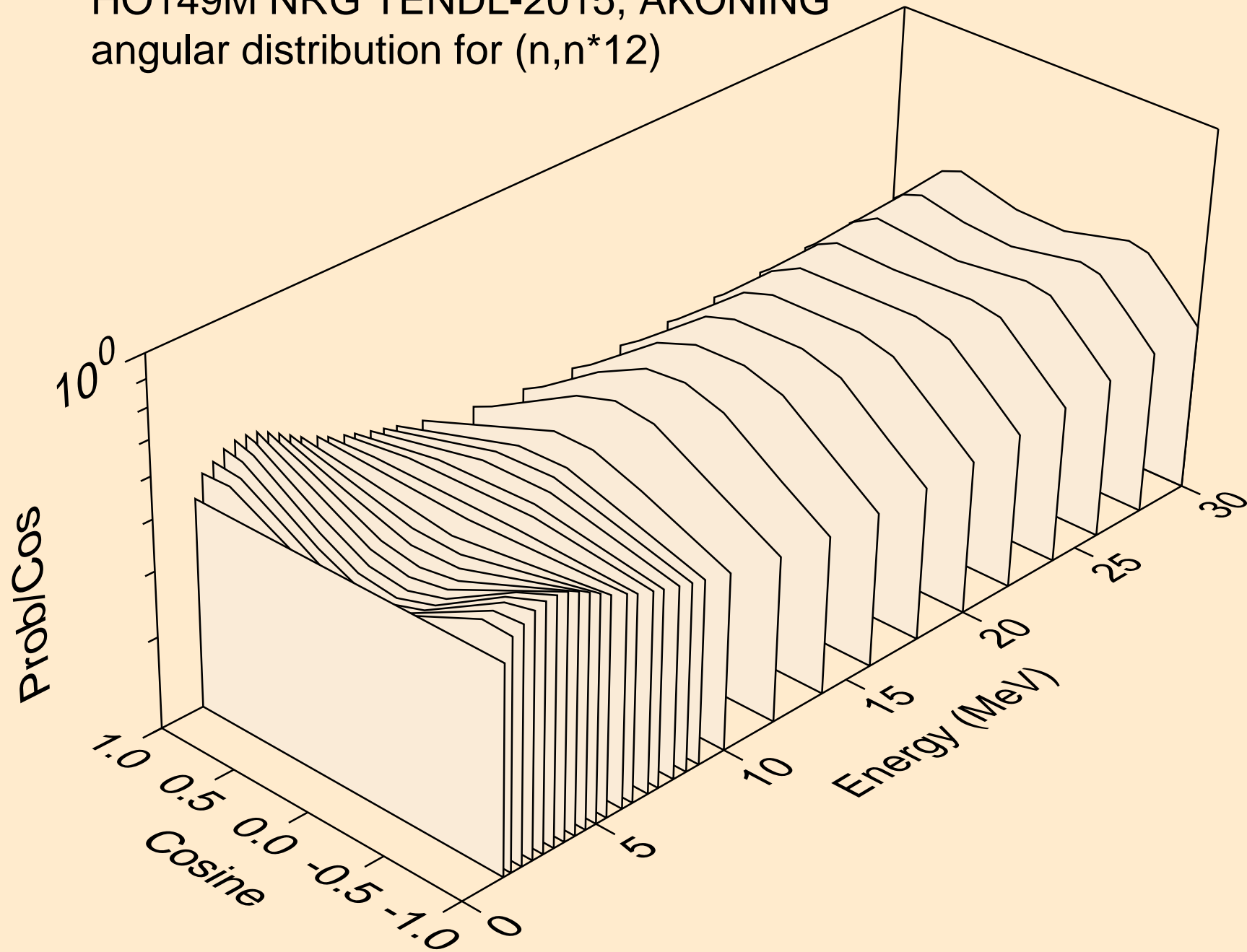
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



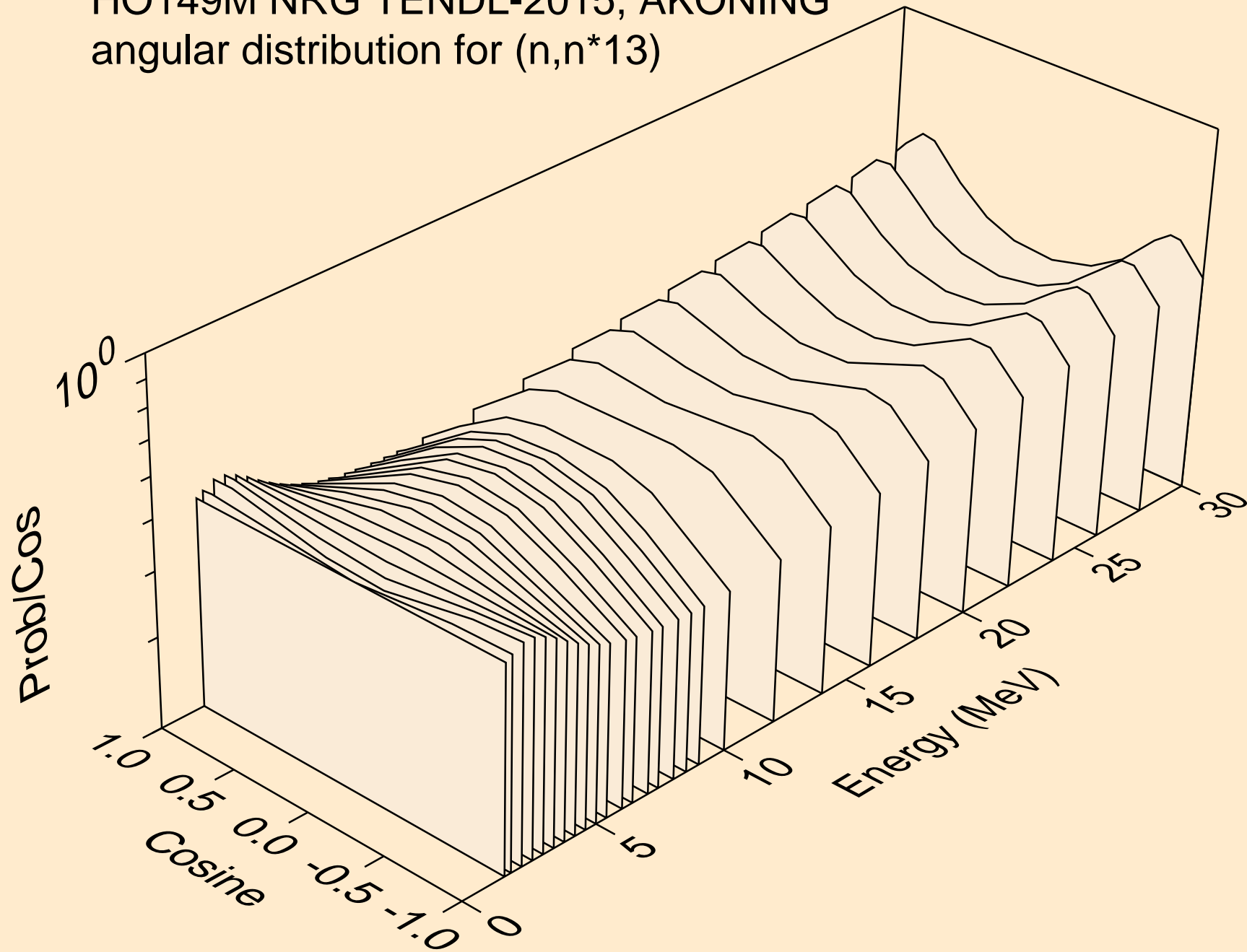
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



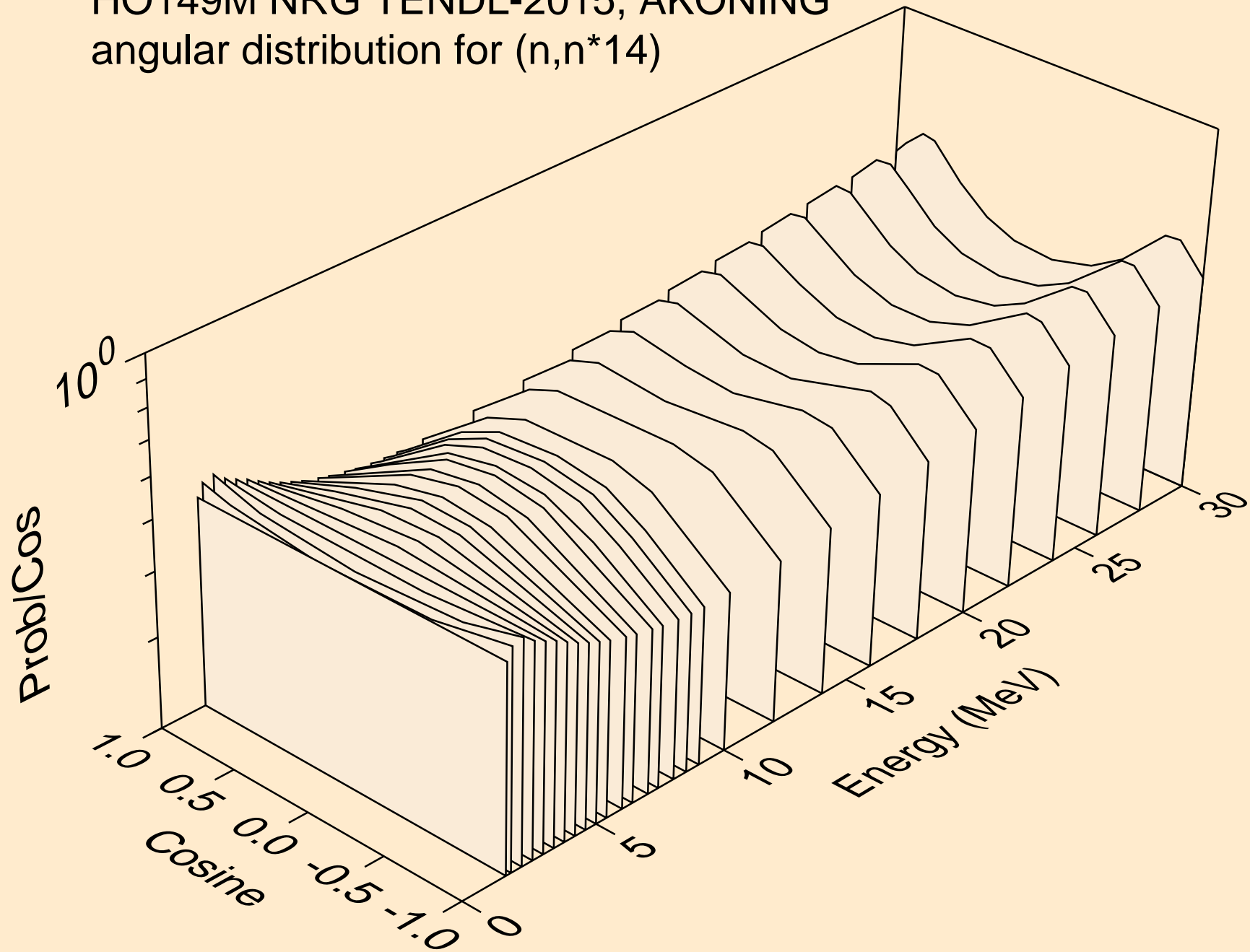
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

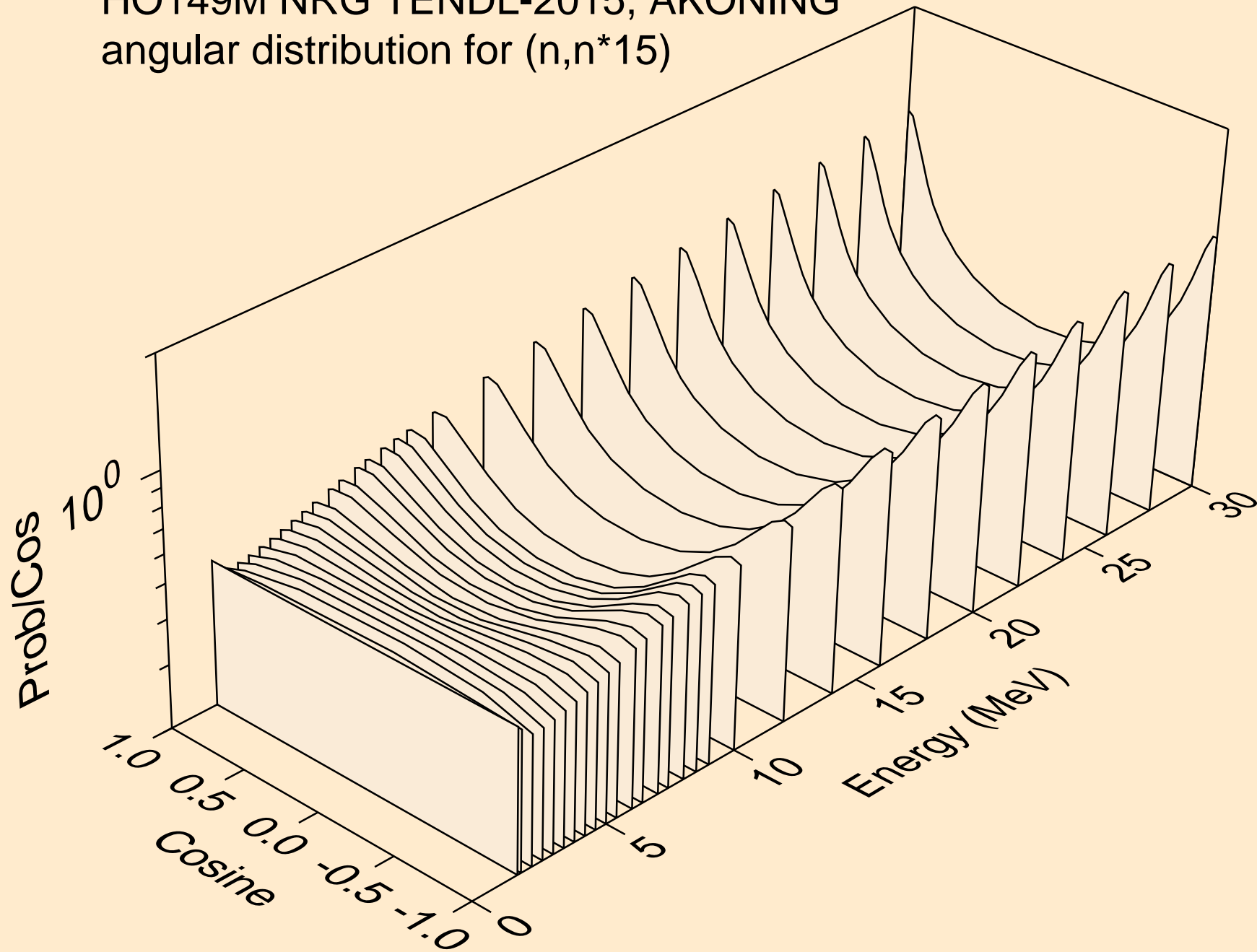


HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

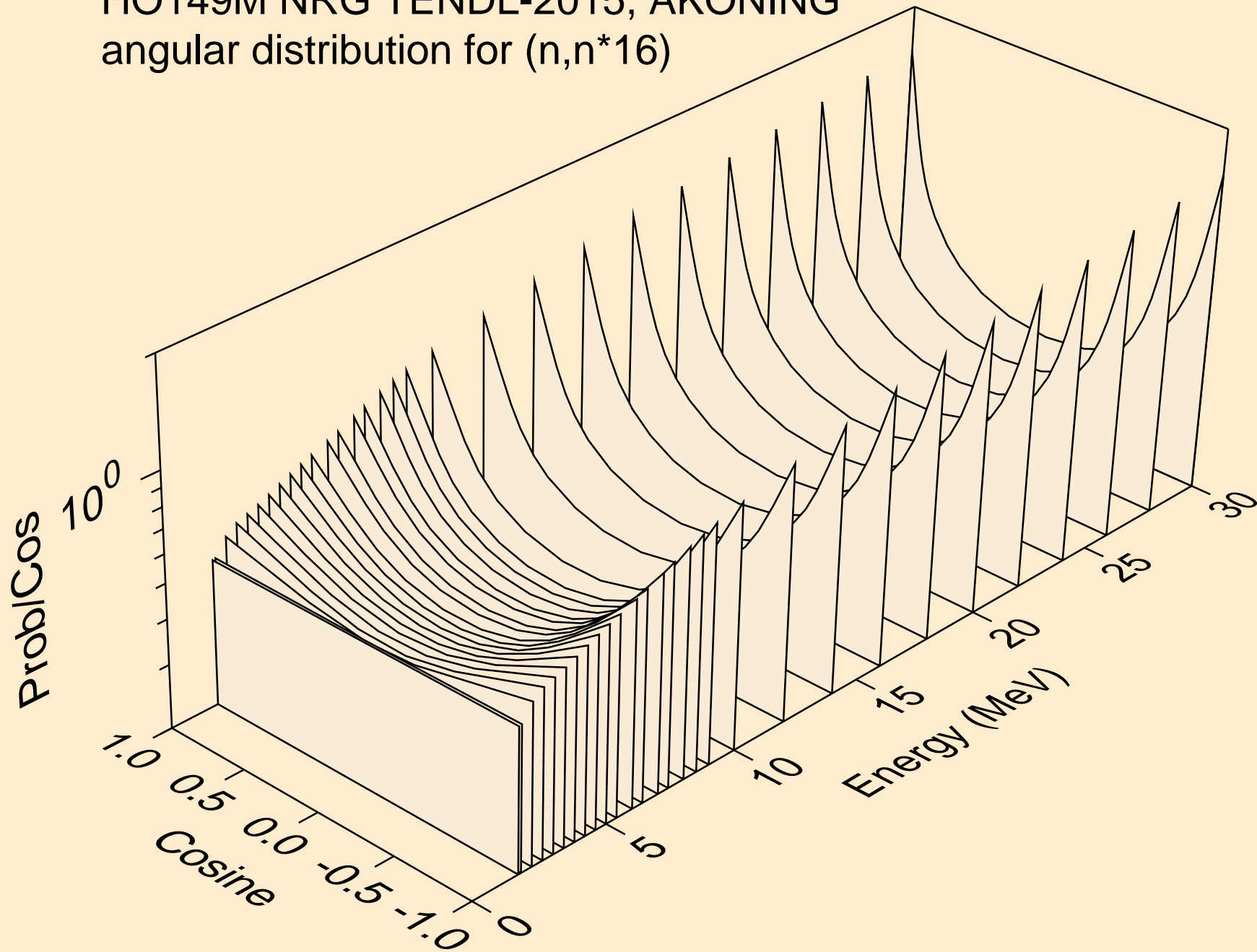




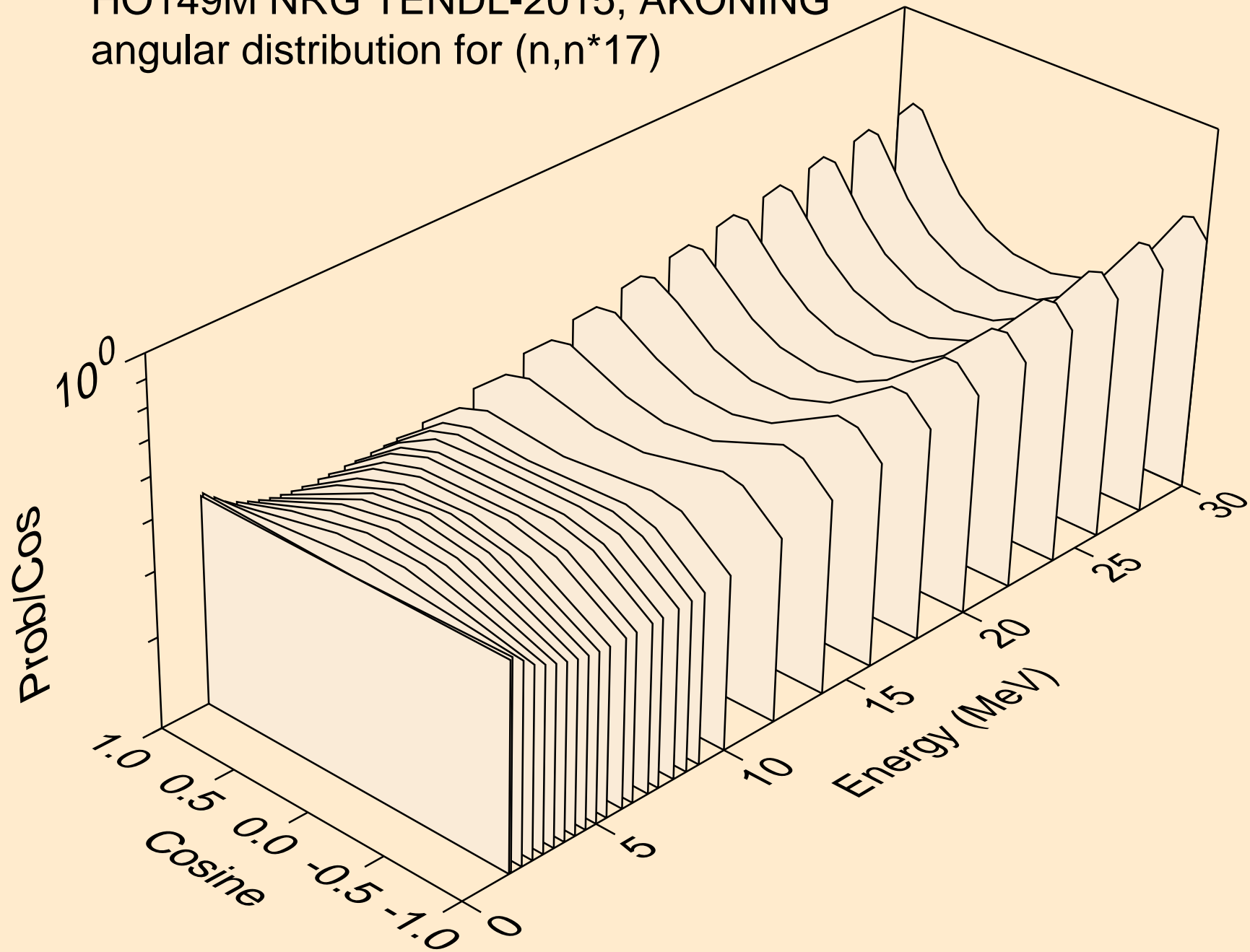
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



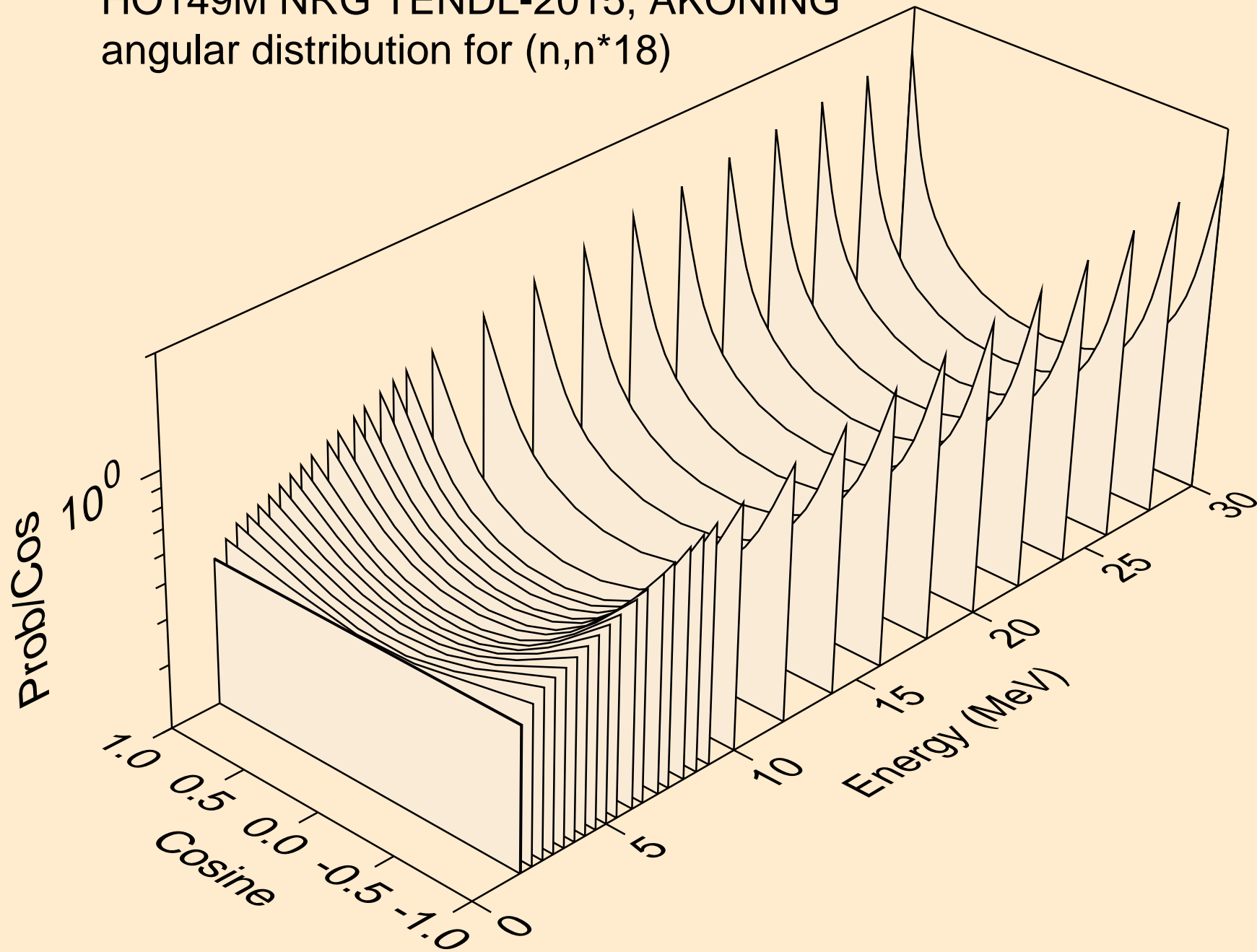
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



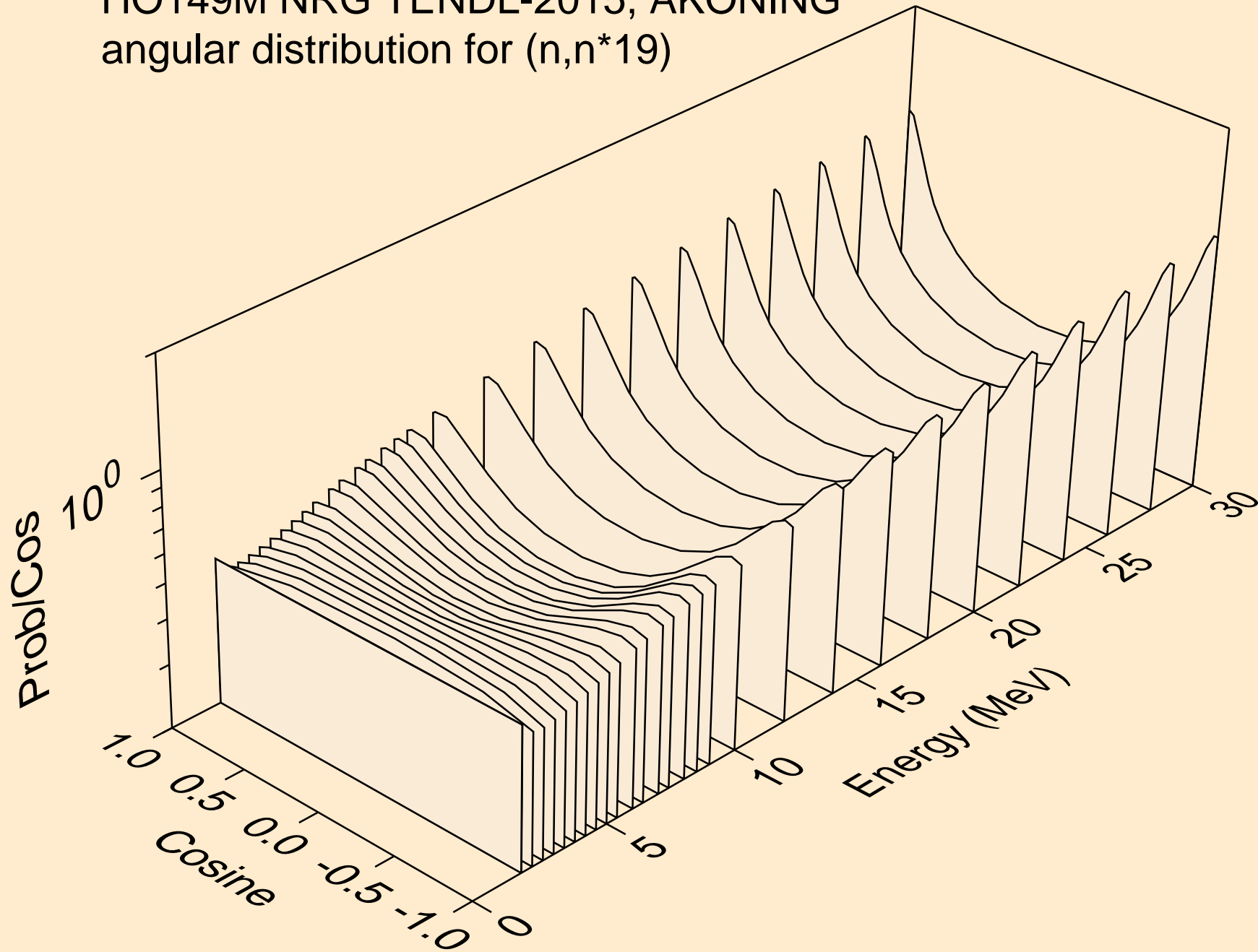
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



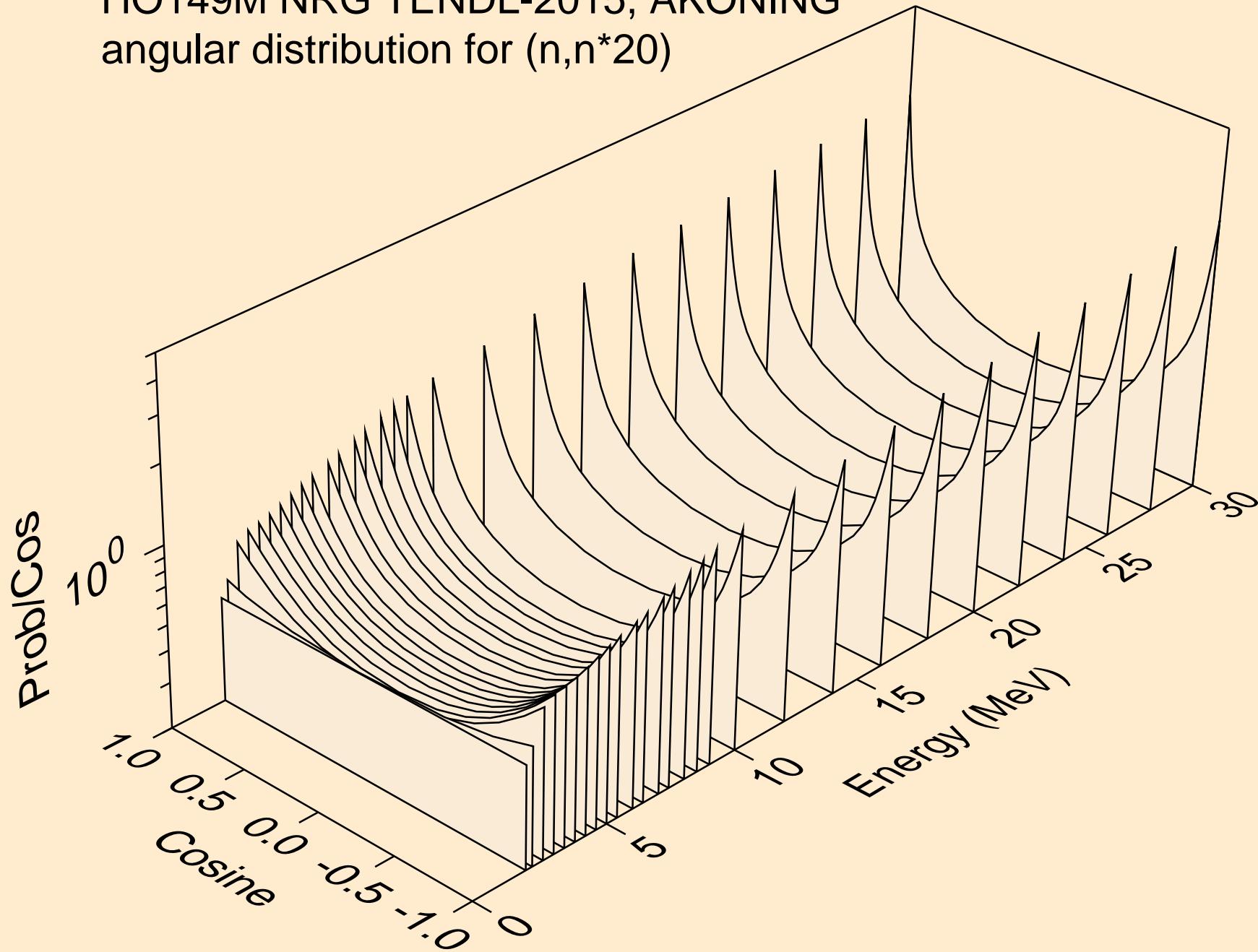
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



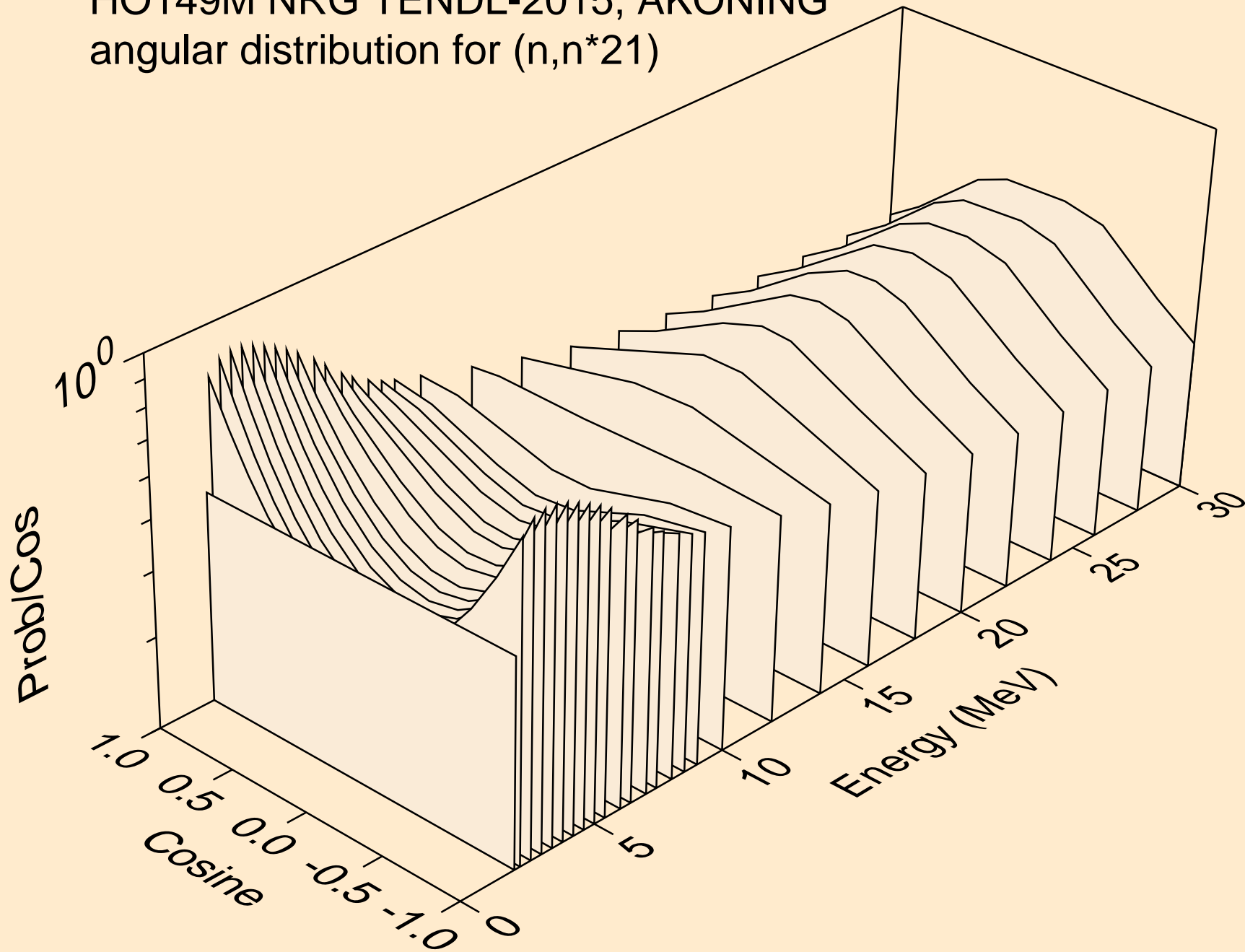
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



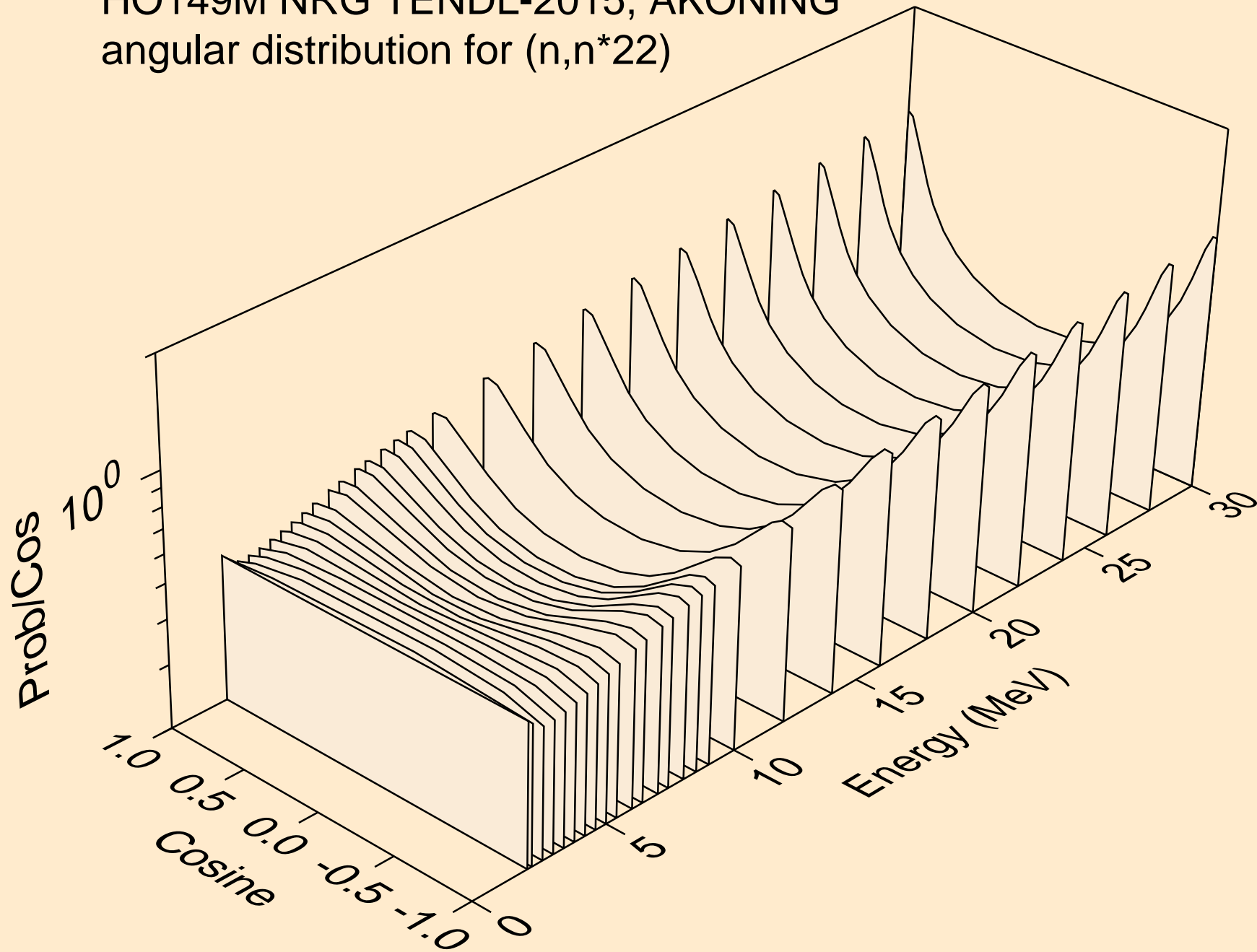
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

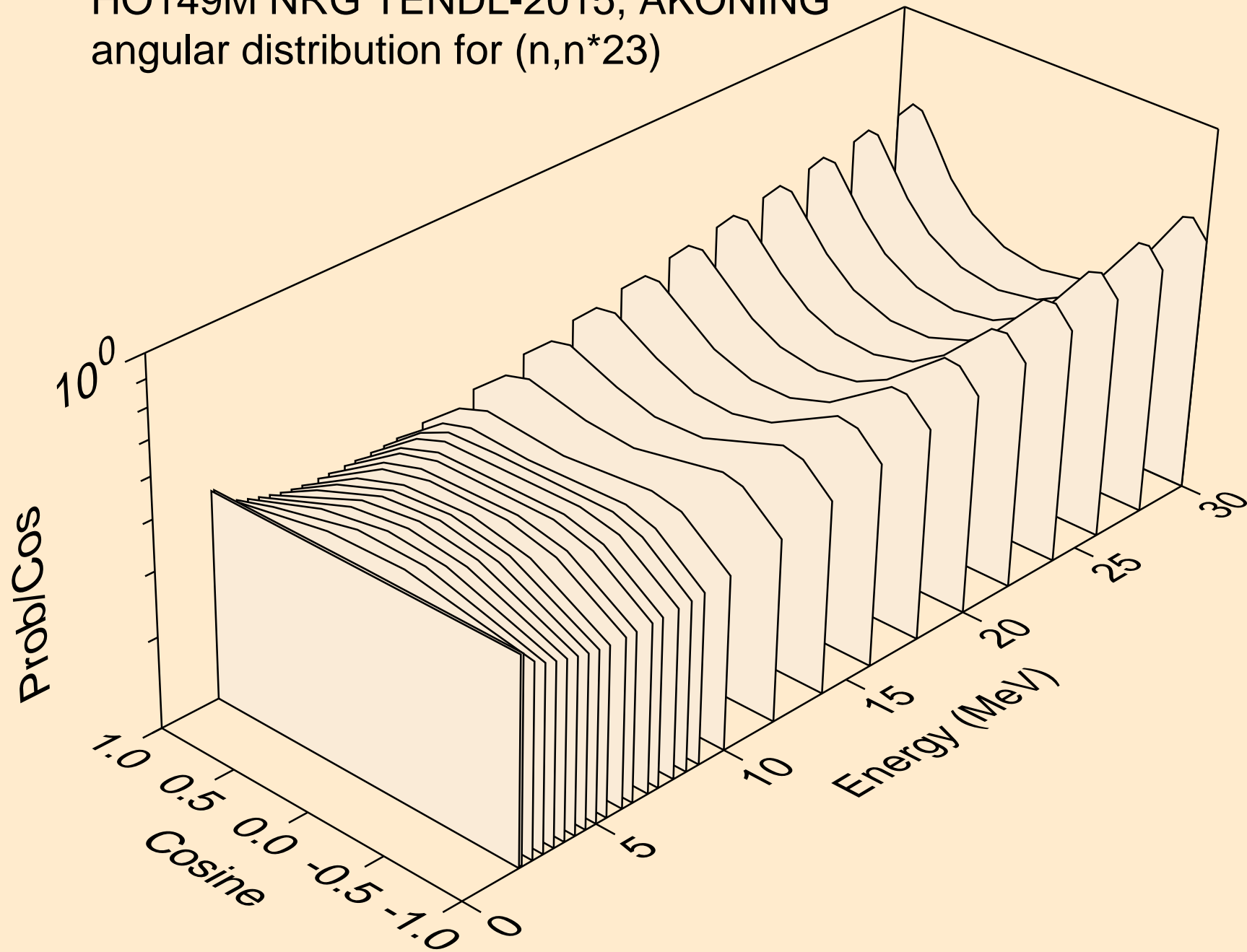


HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

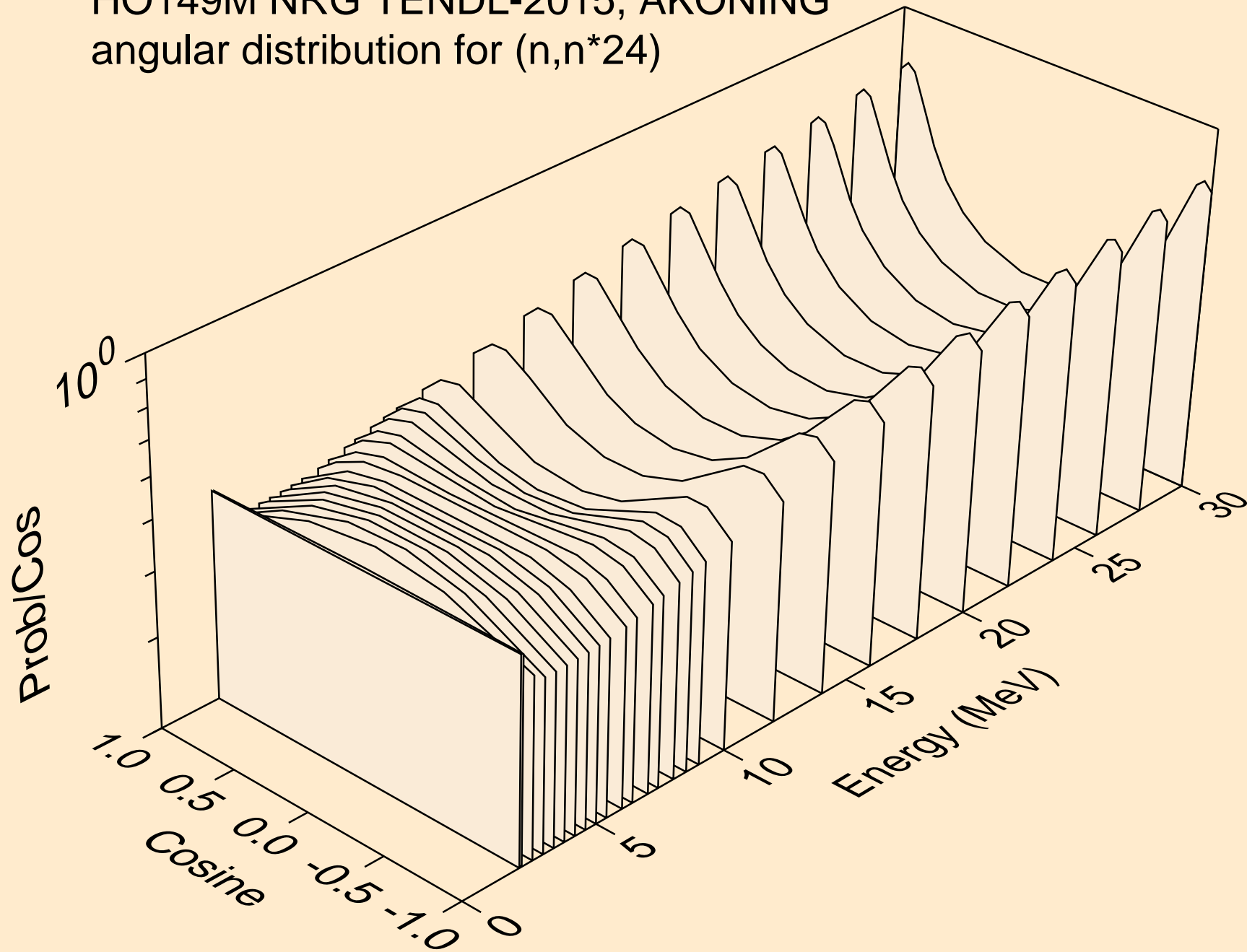




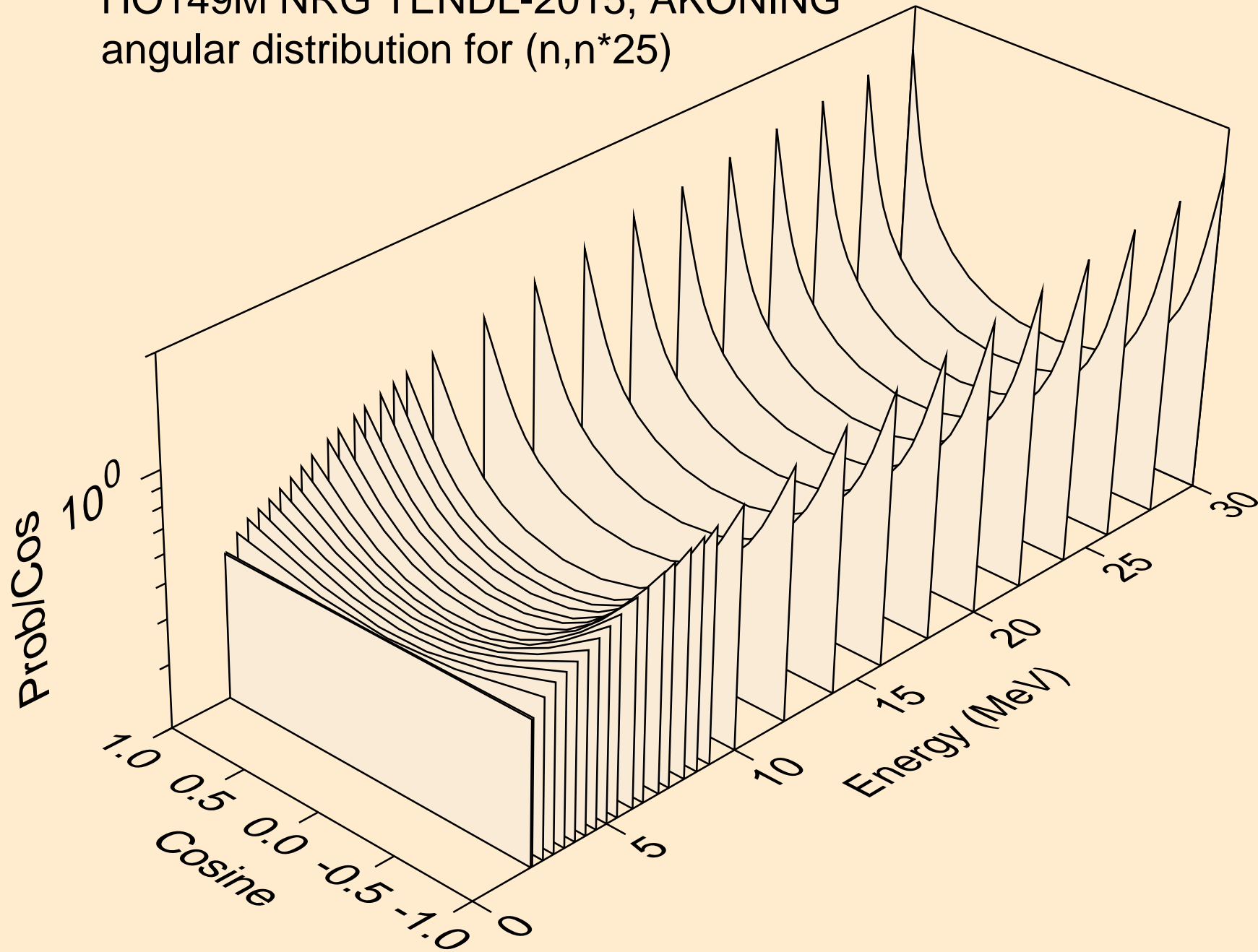
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angular distribution for (n,n\*23)



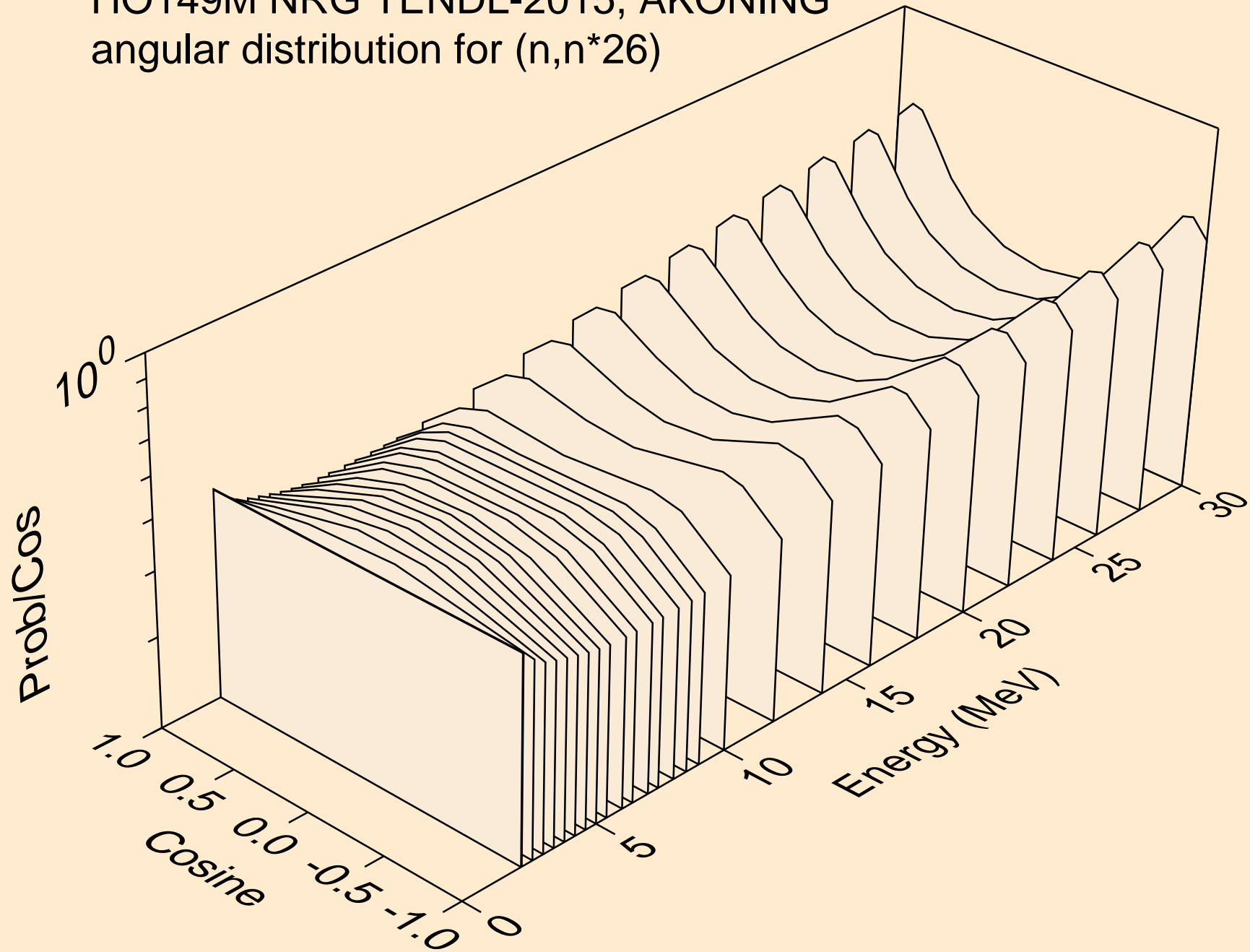
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



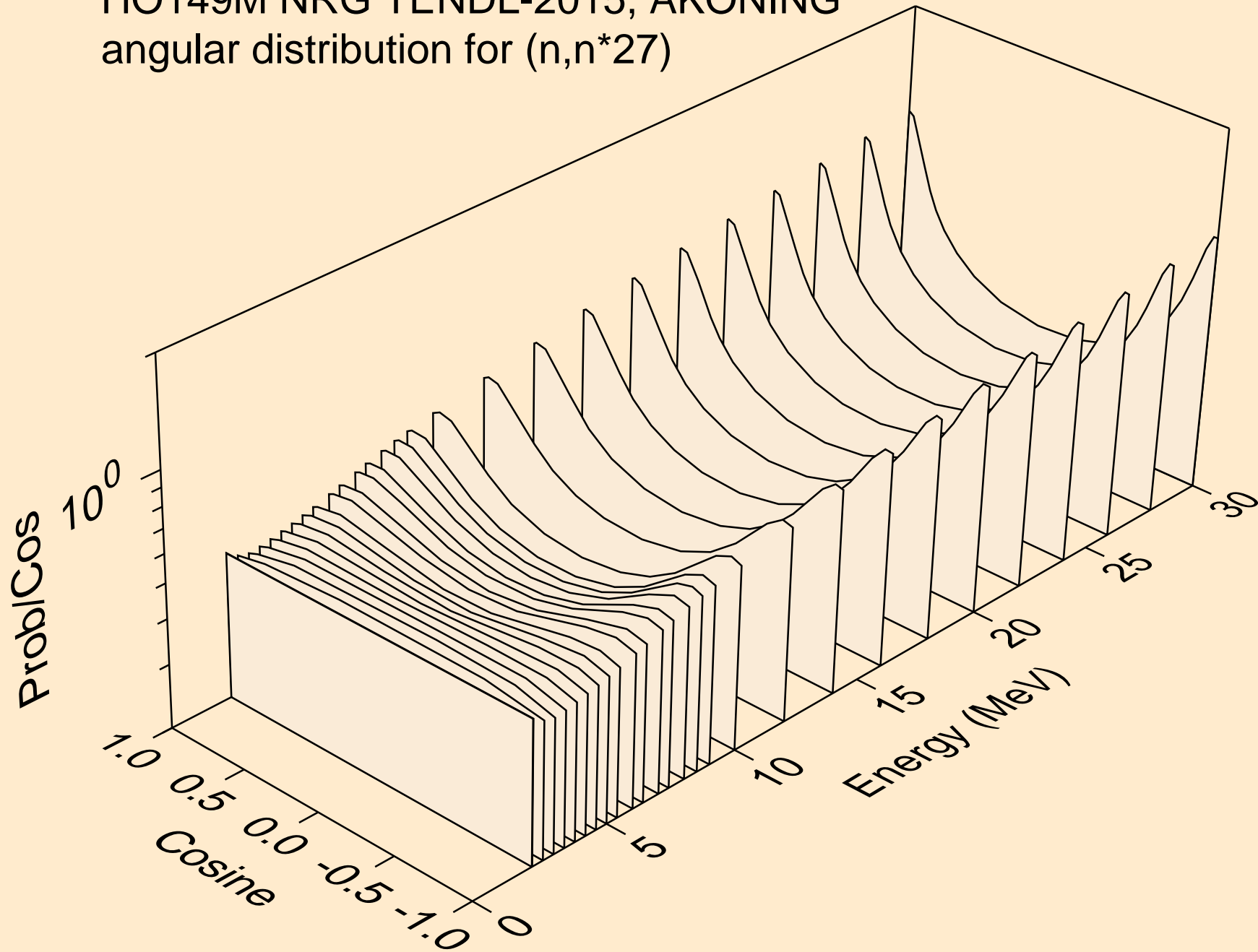
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



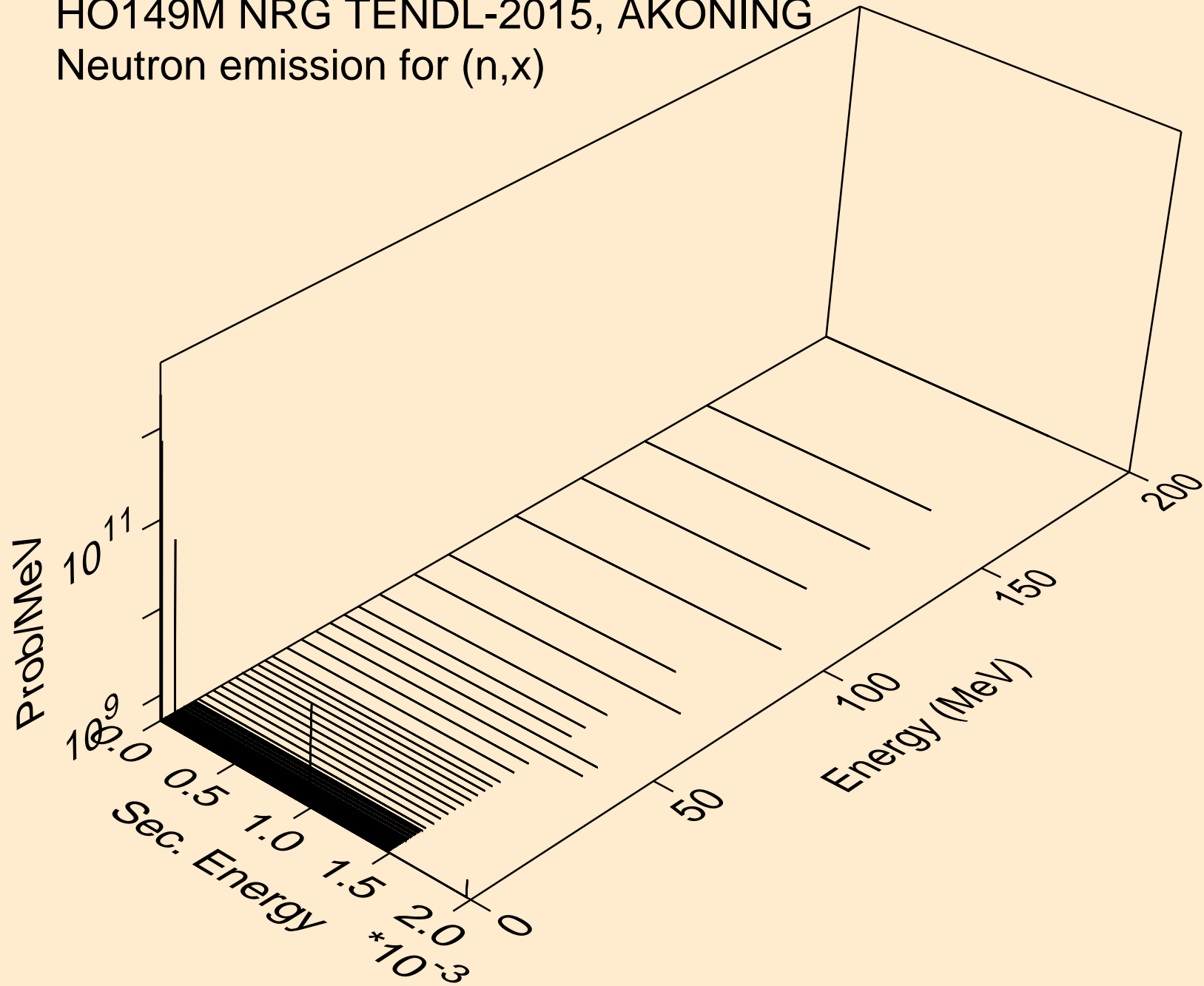
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



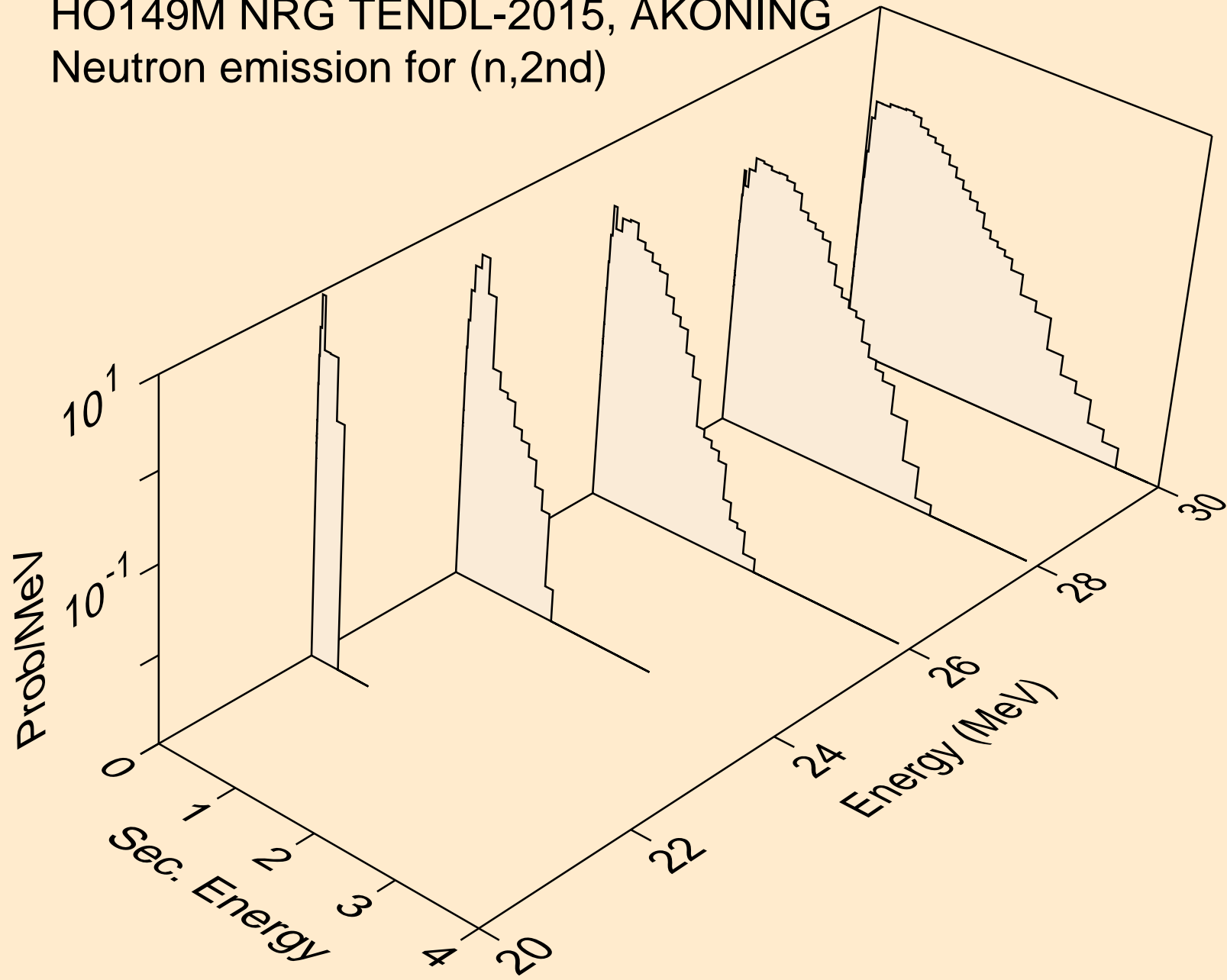
HO149M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



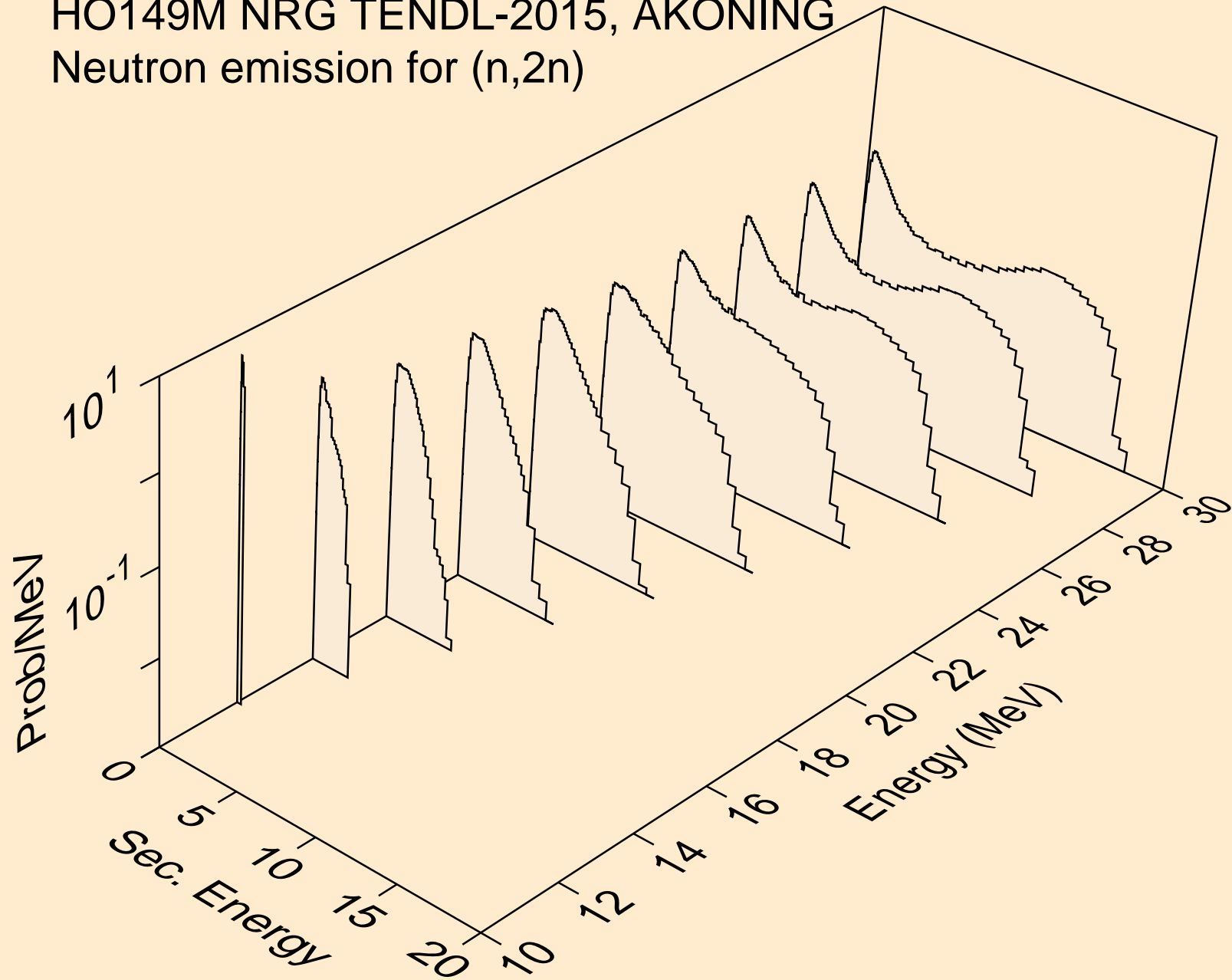
HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

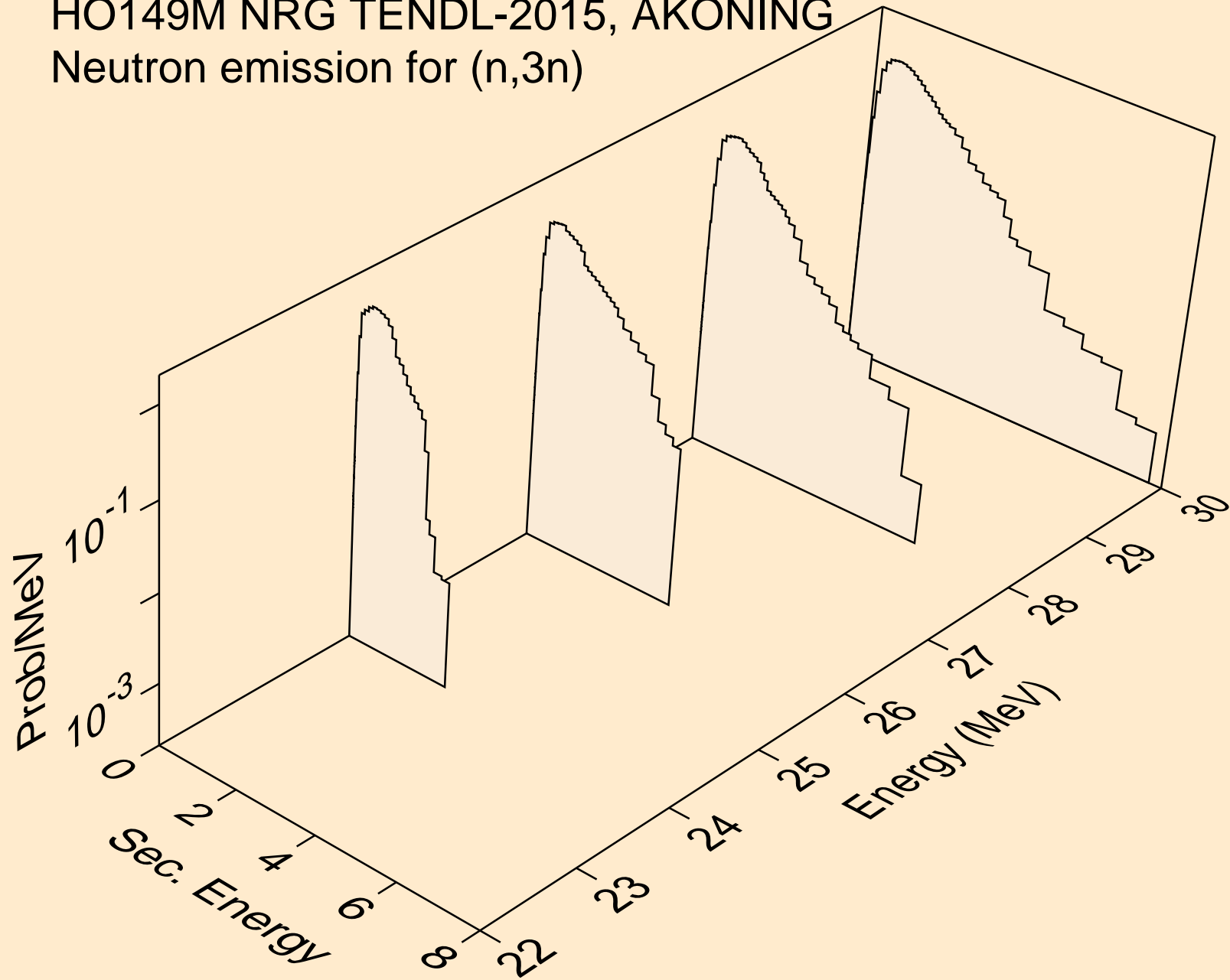


HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

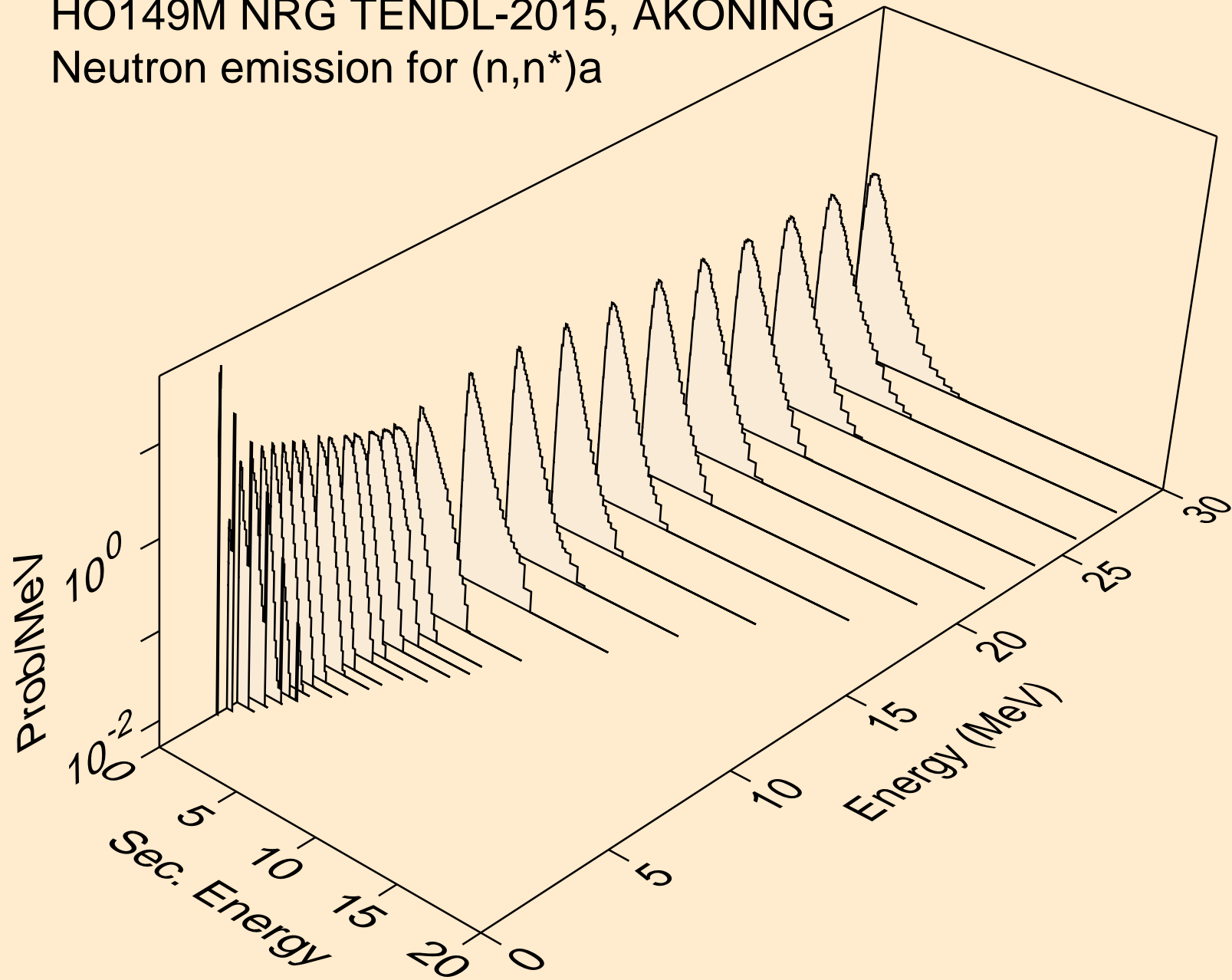




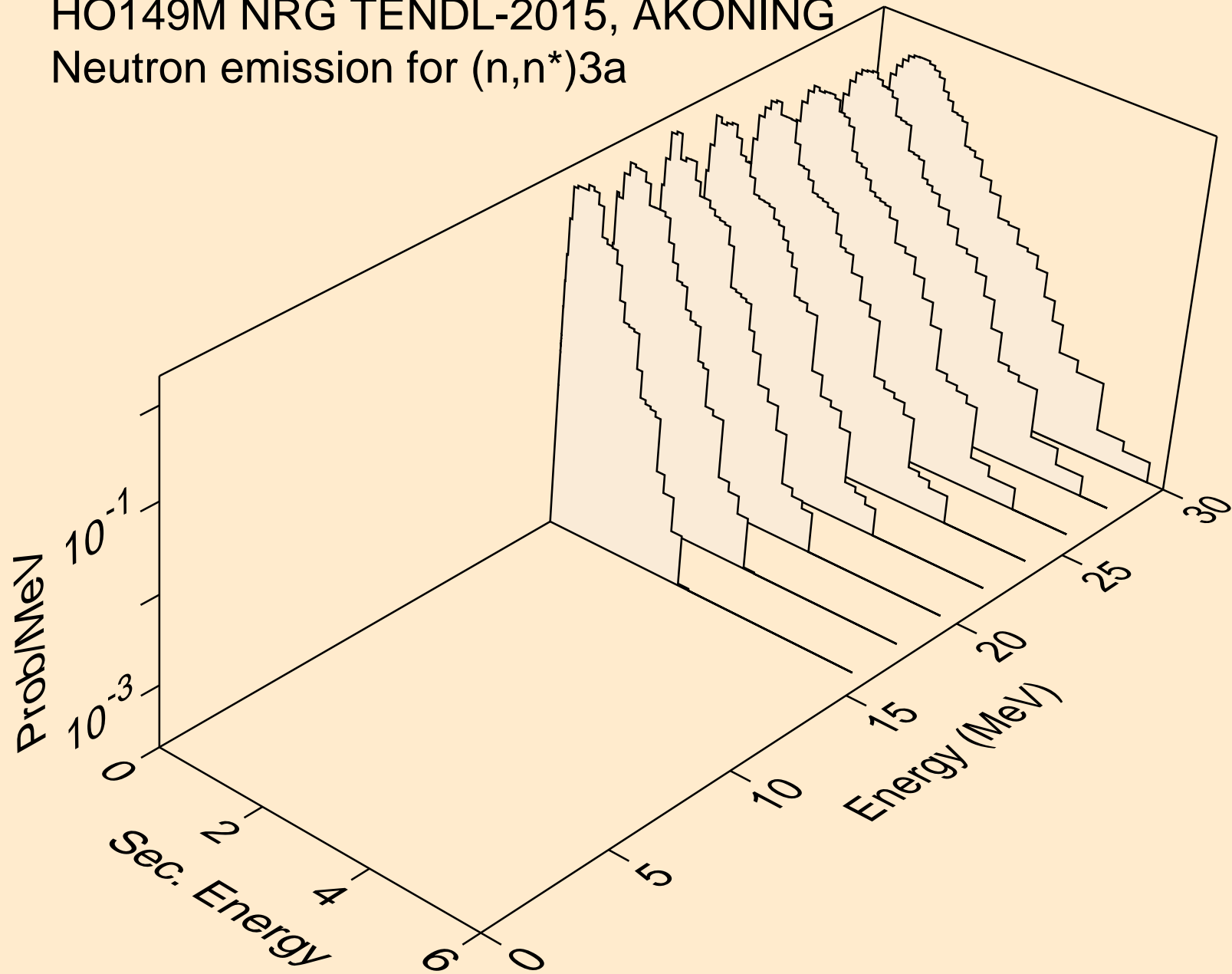
HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



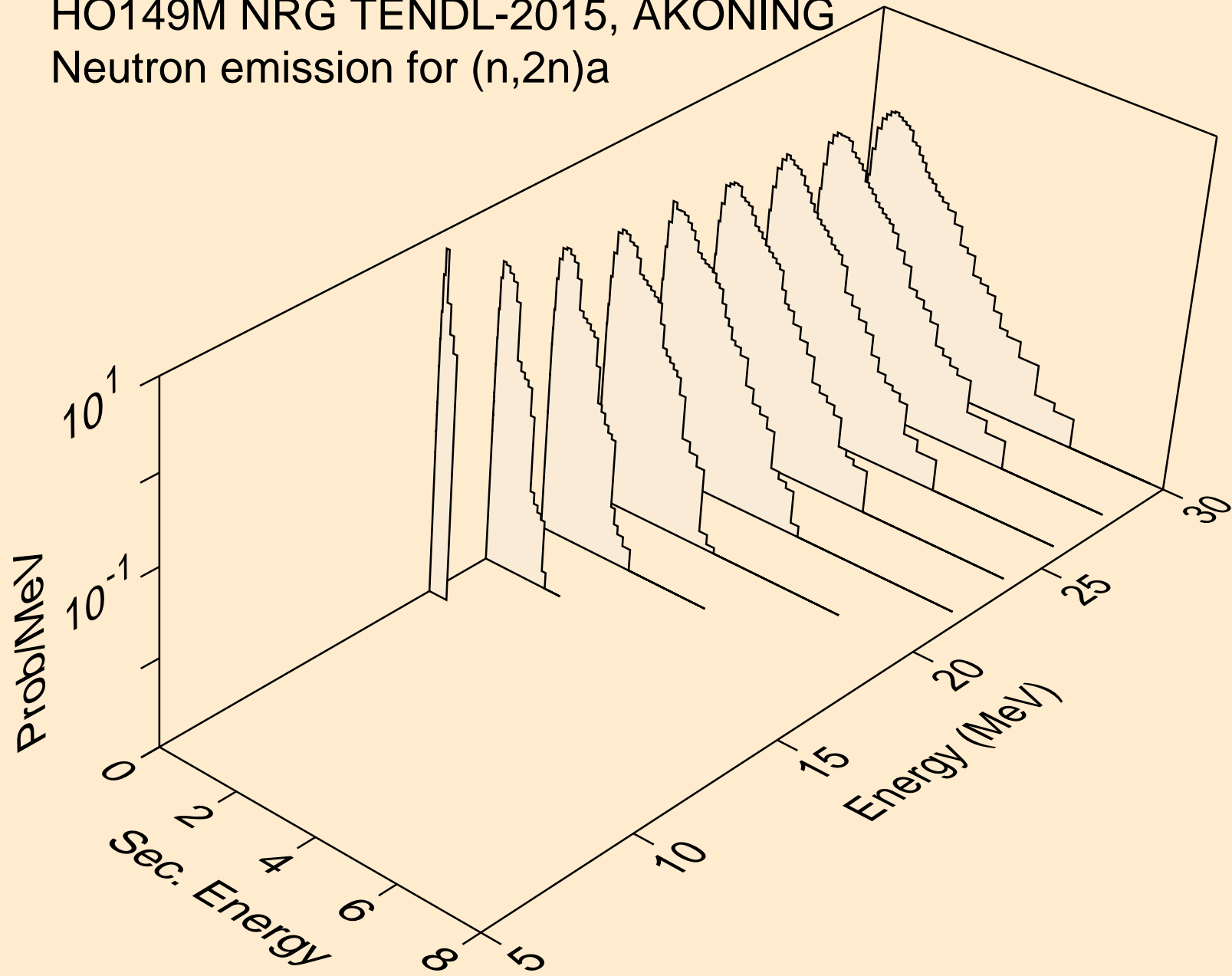
HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



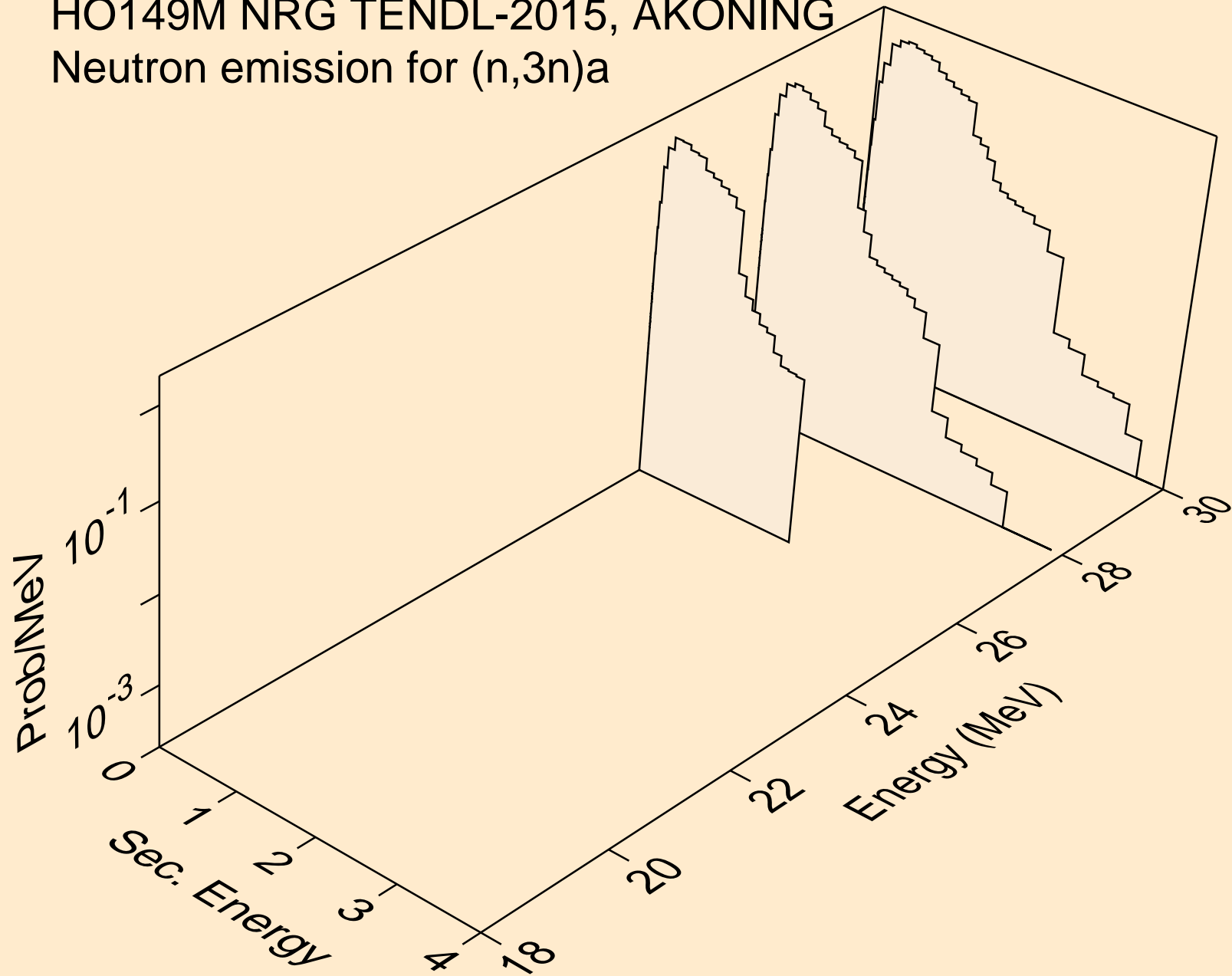
HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



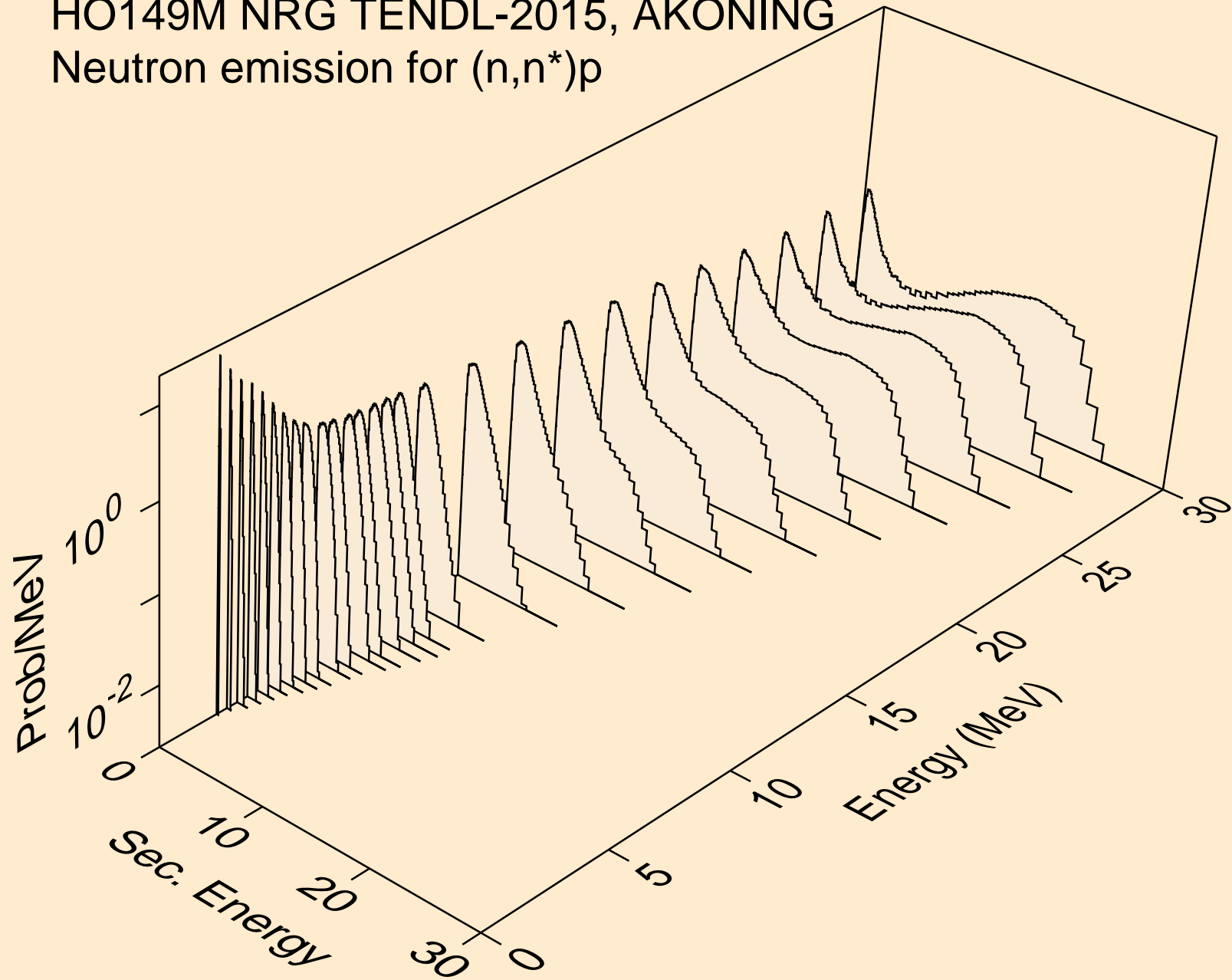
HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



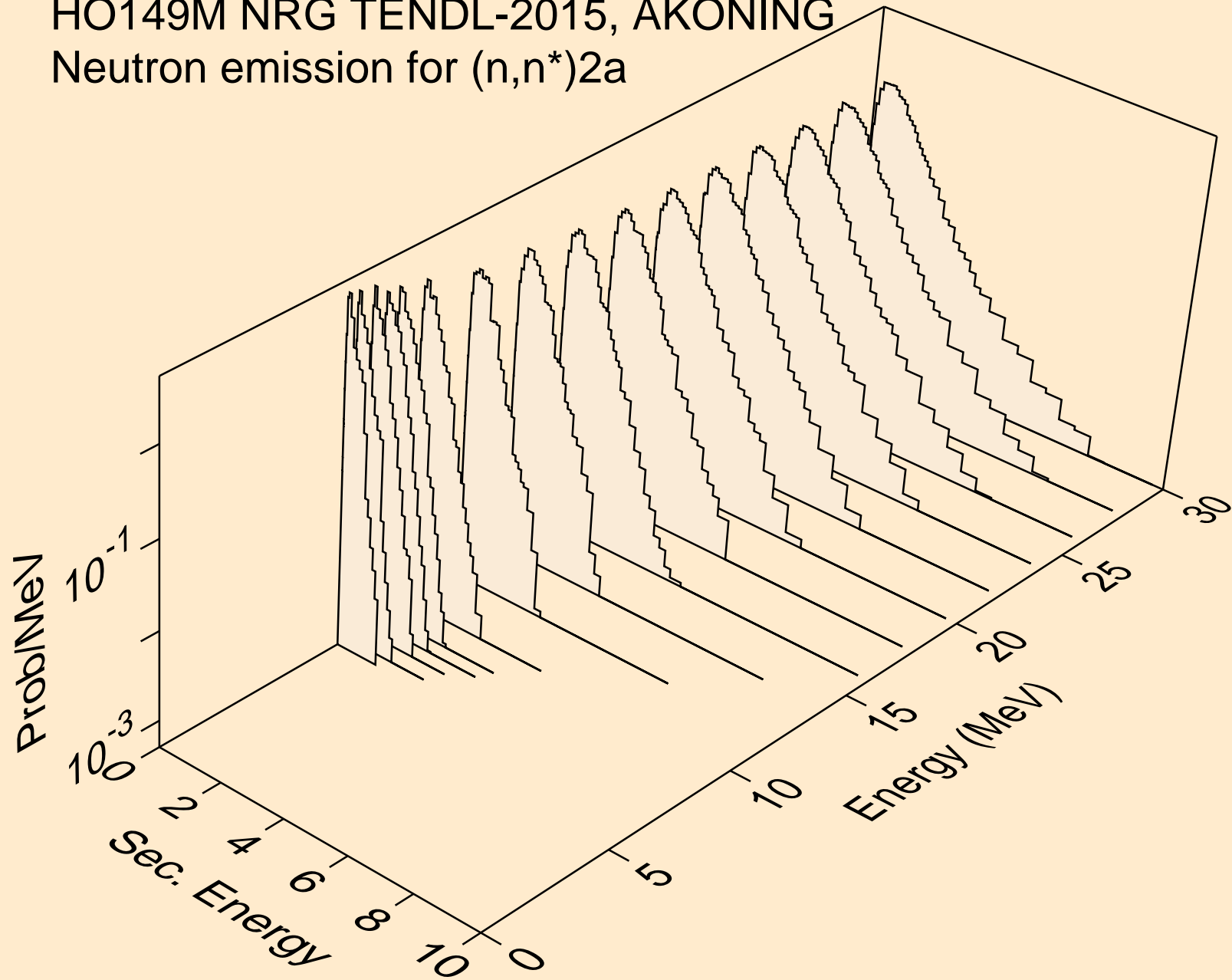
HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



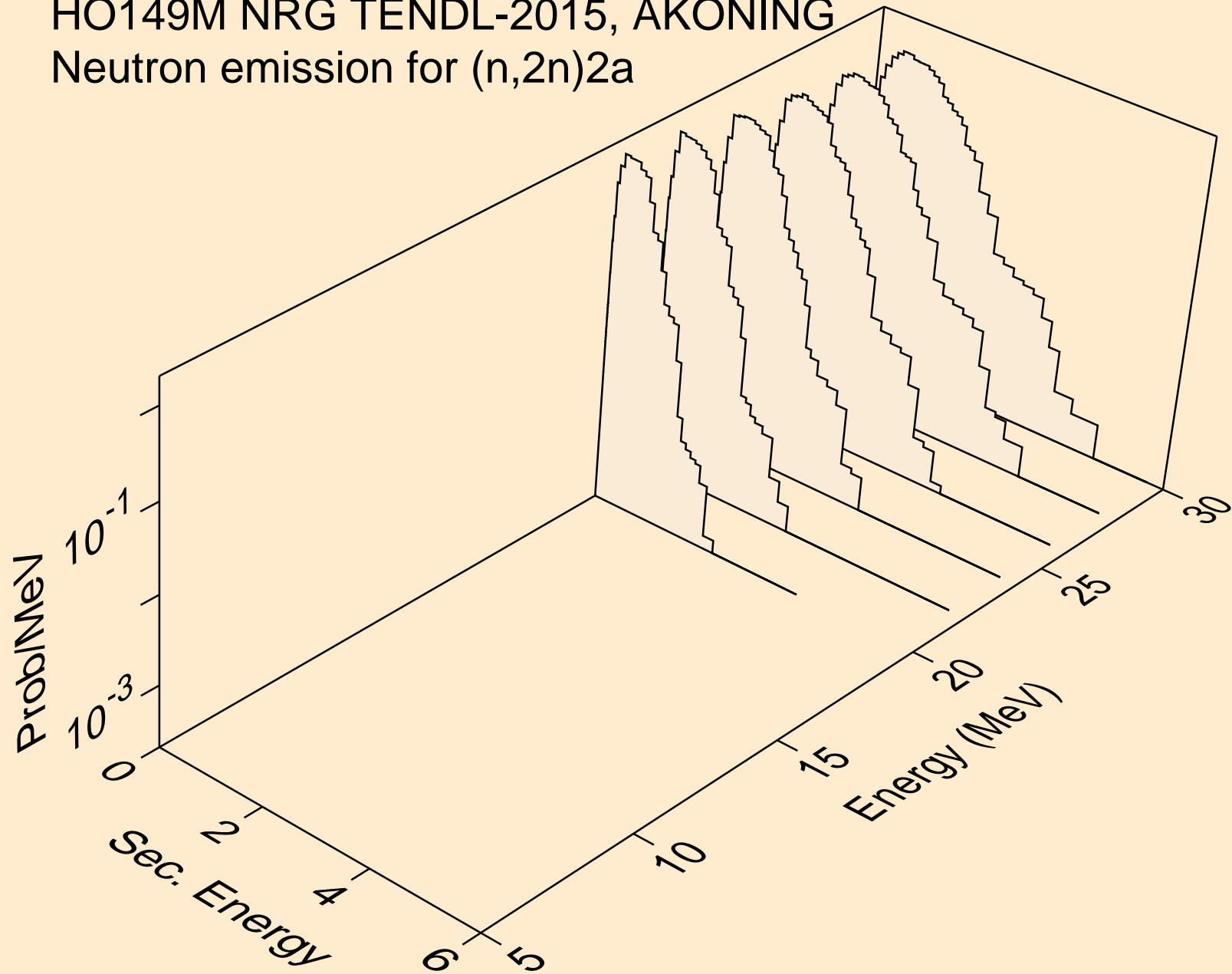
HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

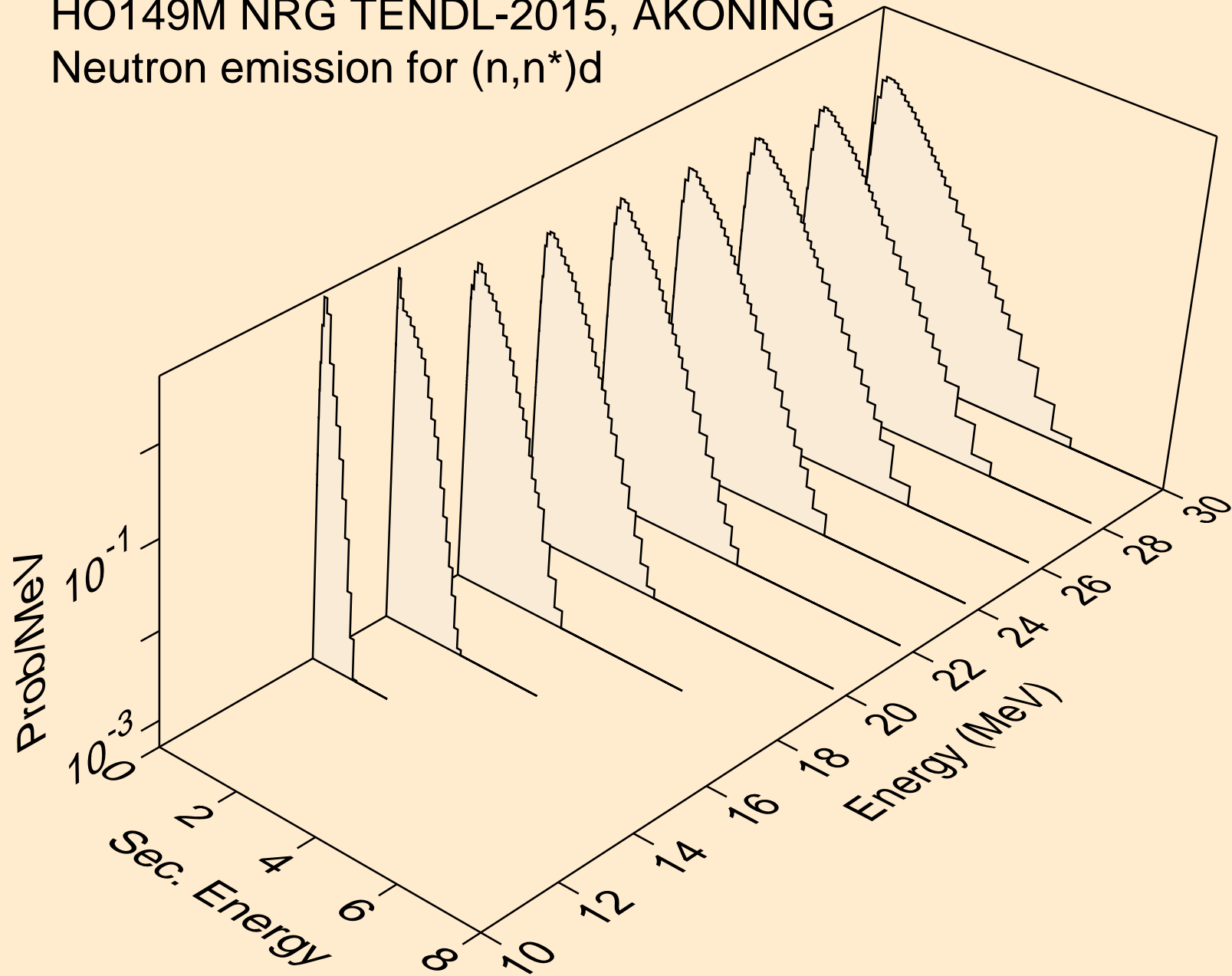


HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

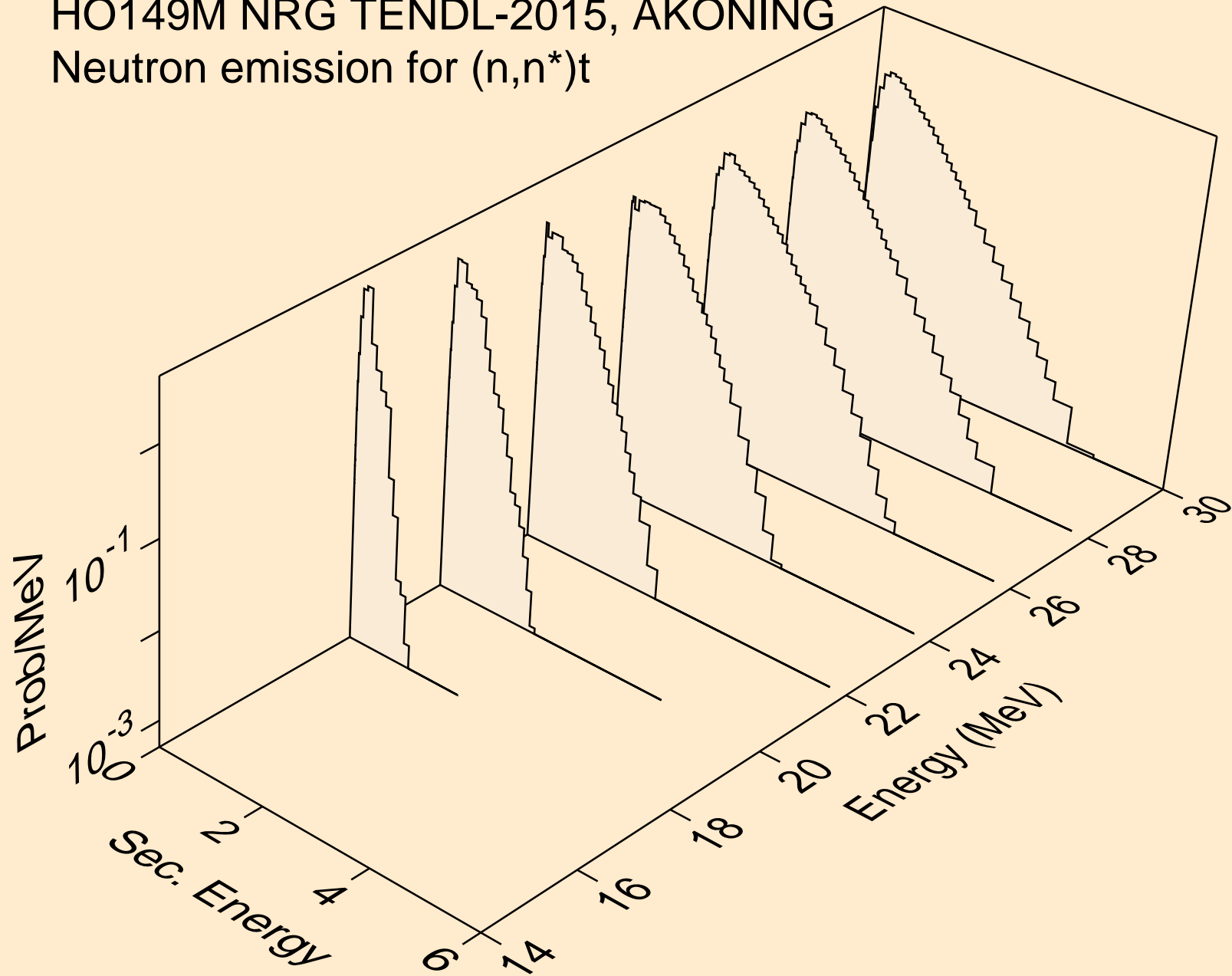




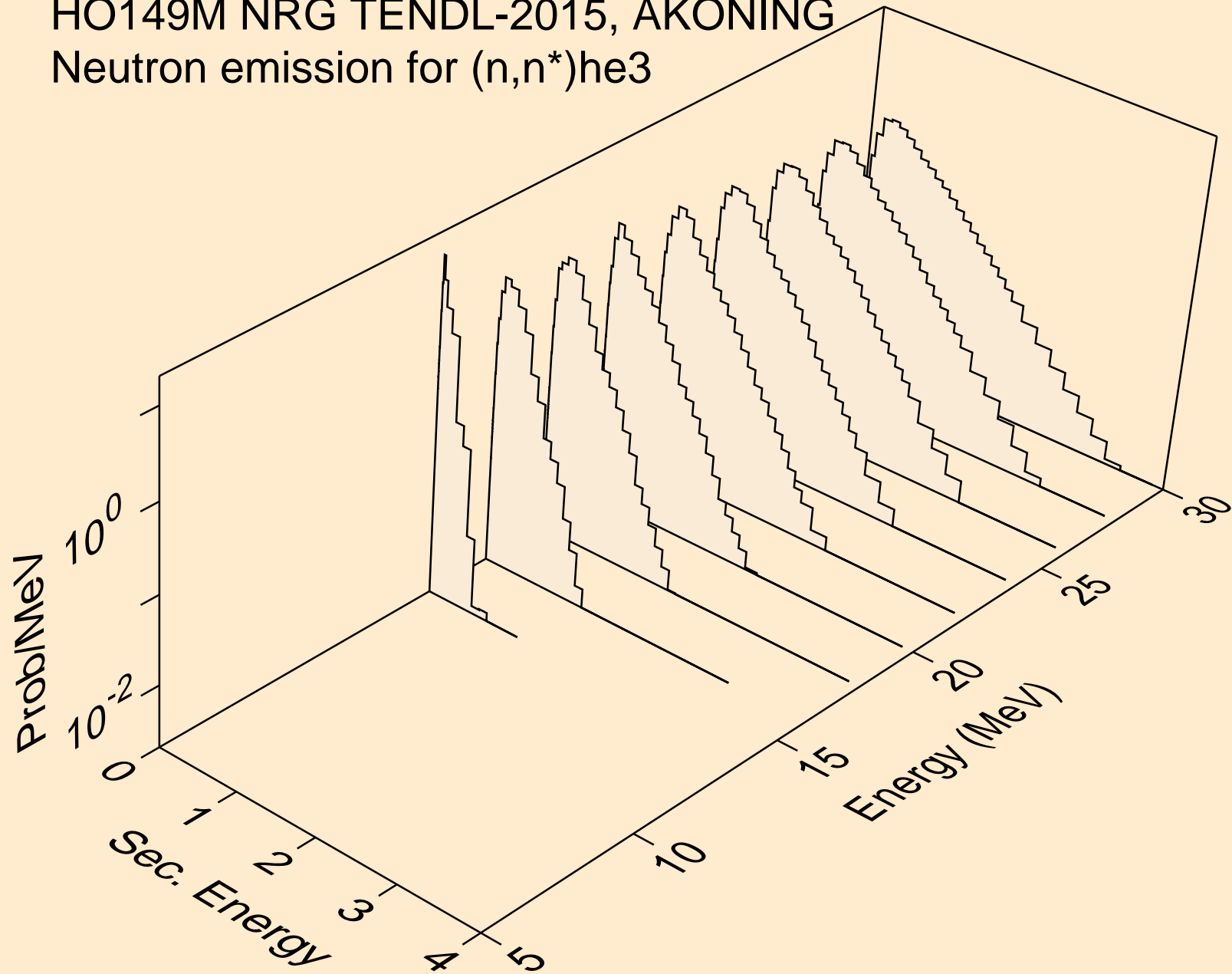
HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



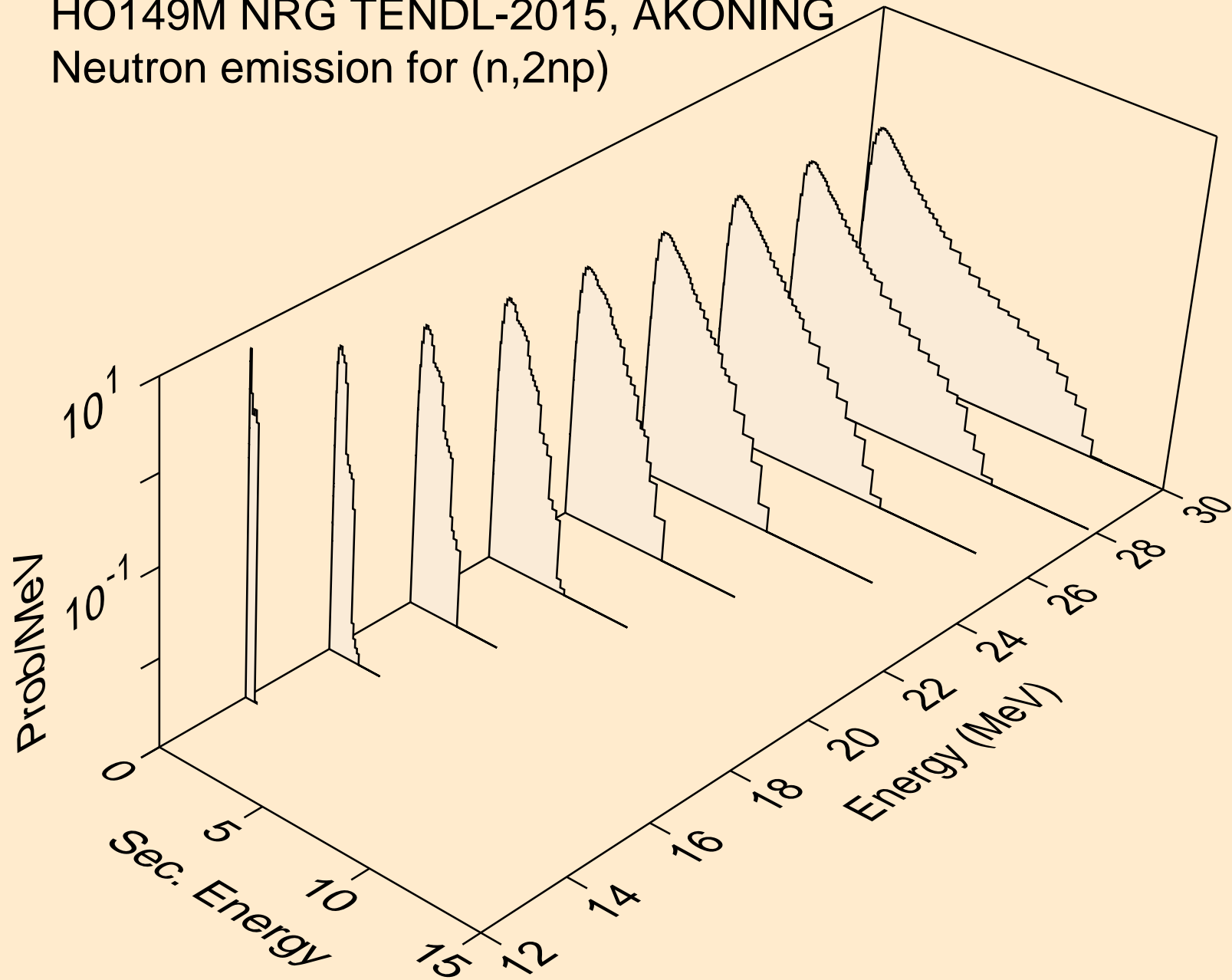
HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



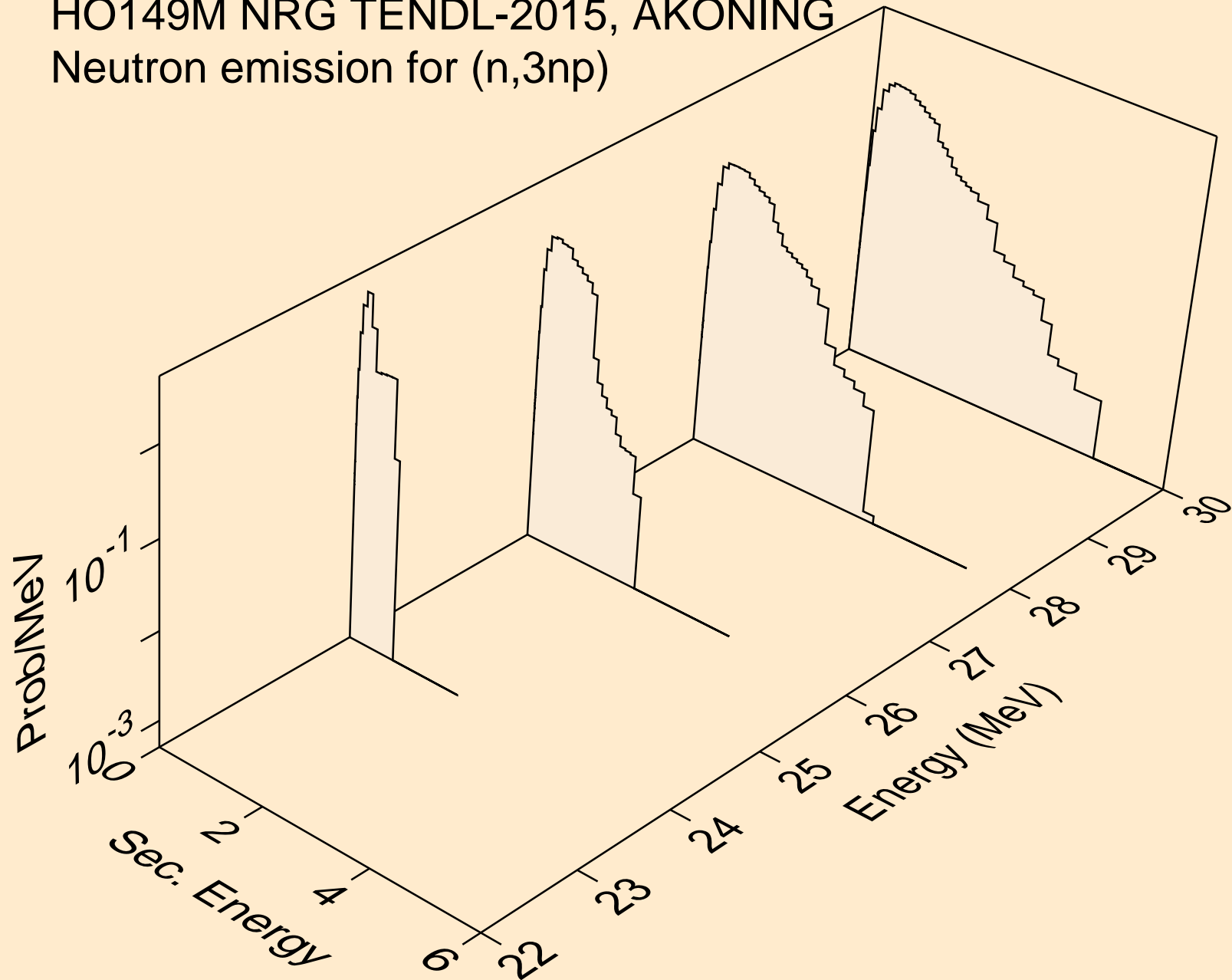
HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



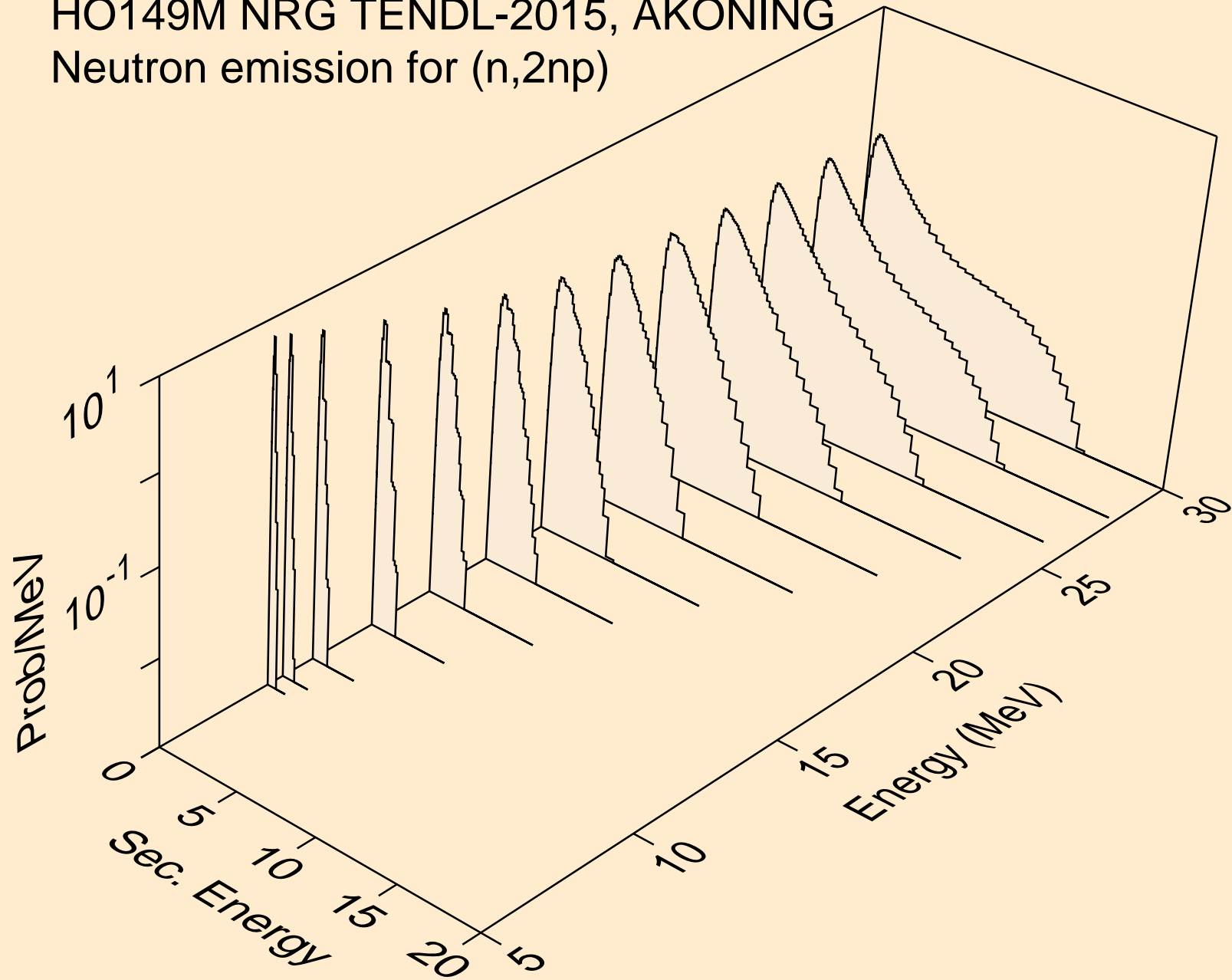
HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



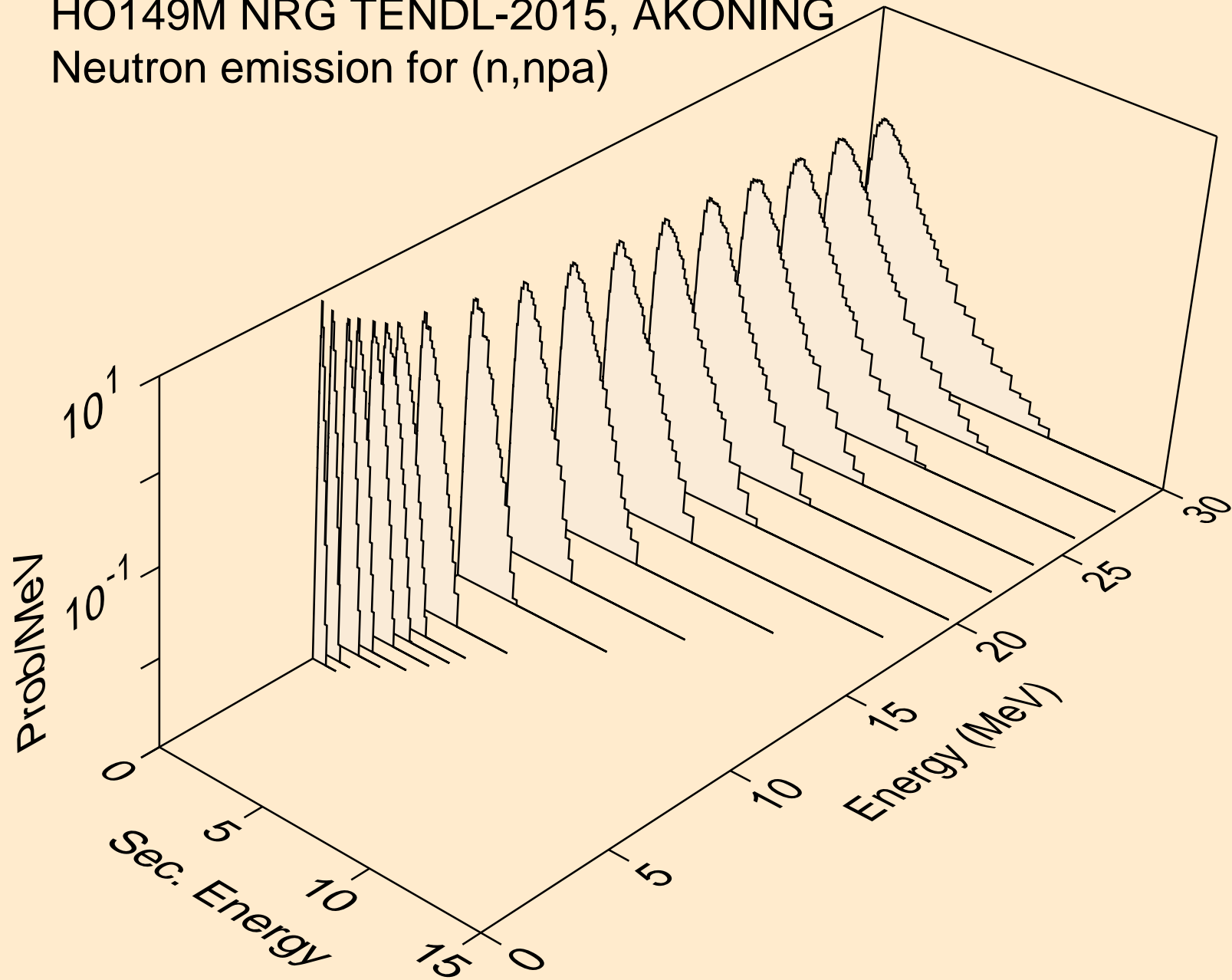
HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



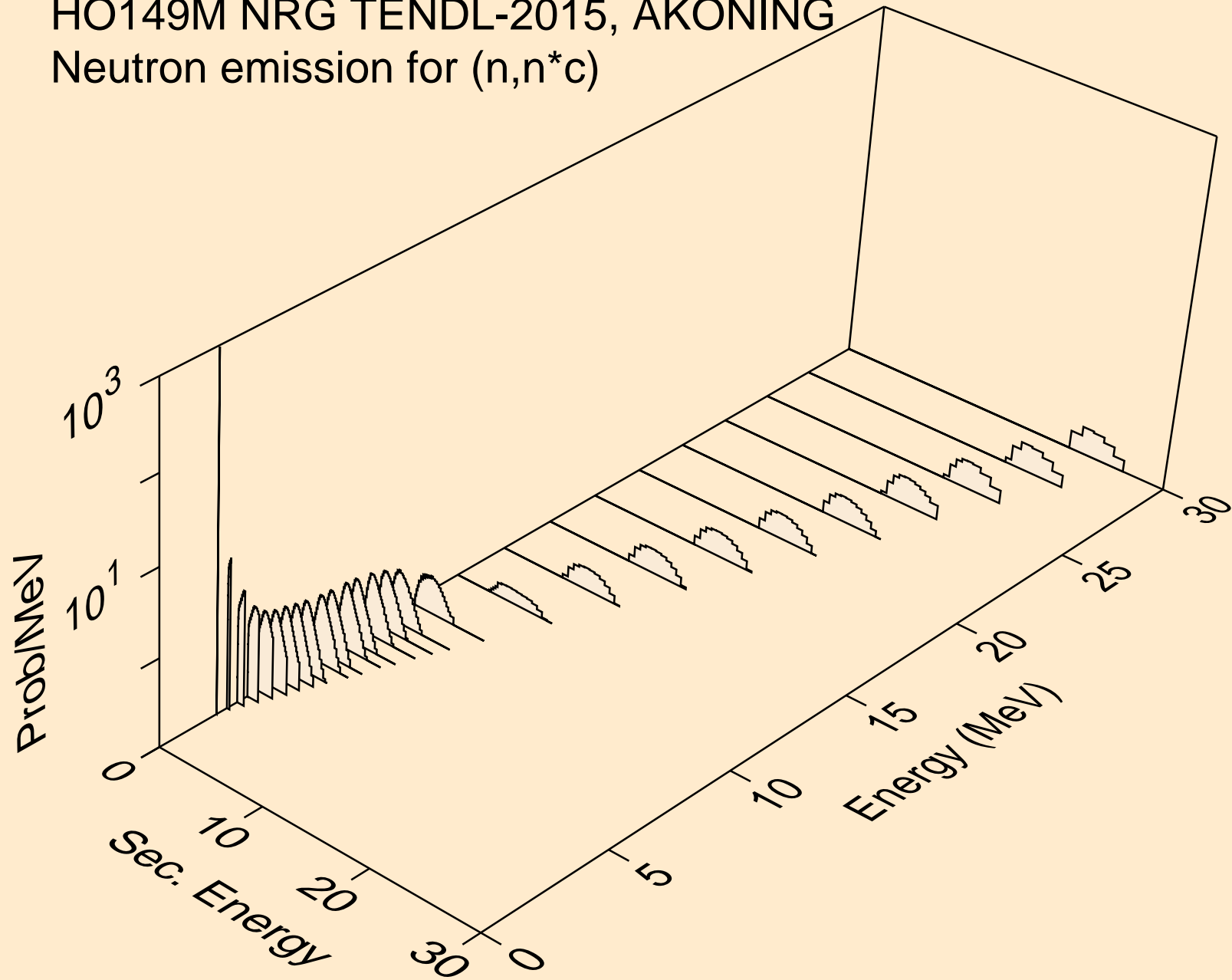
HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

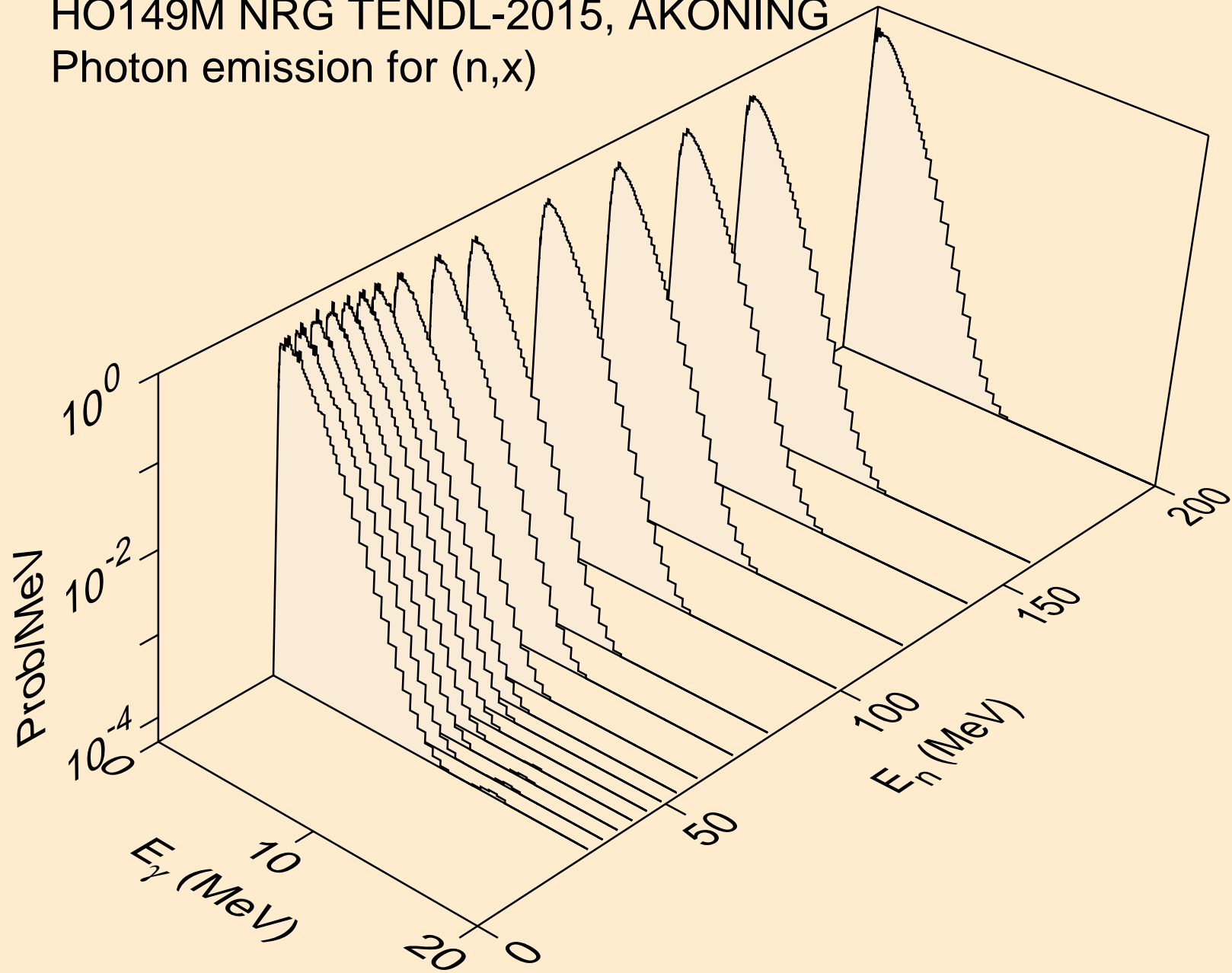


HO149M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

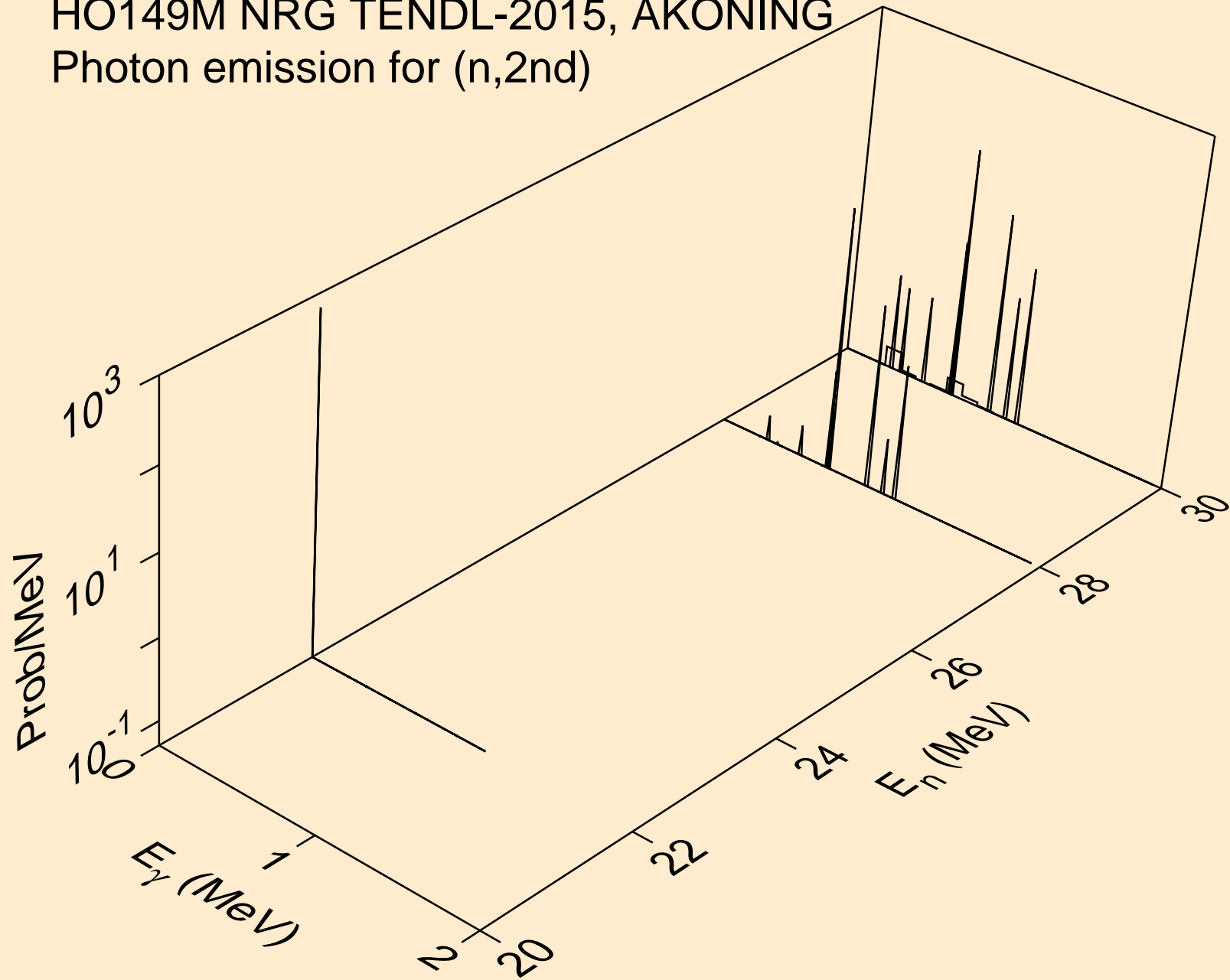




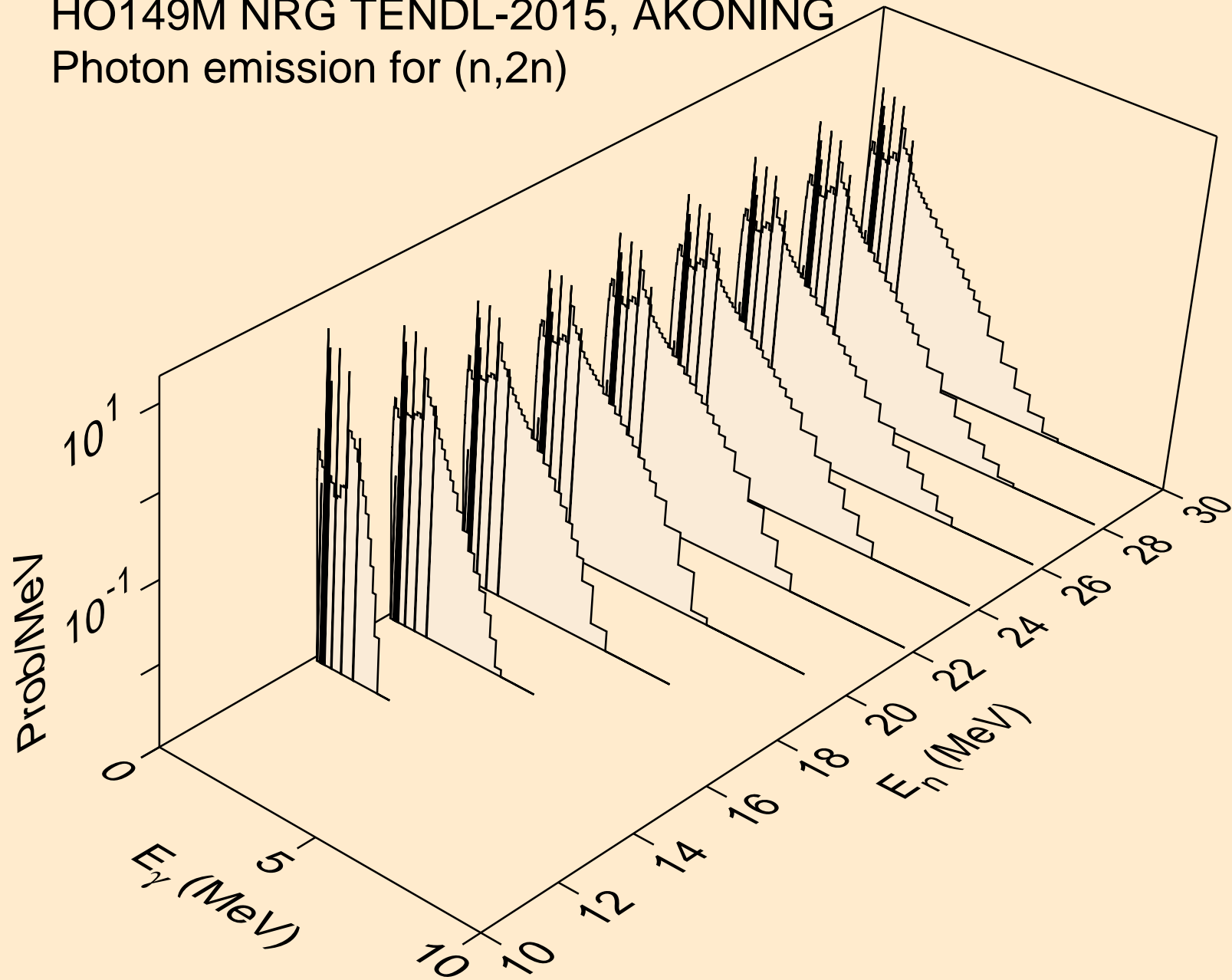
HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



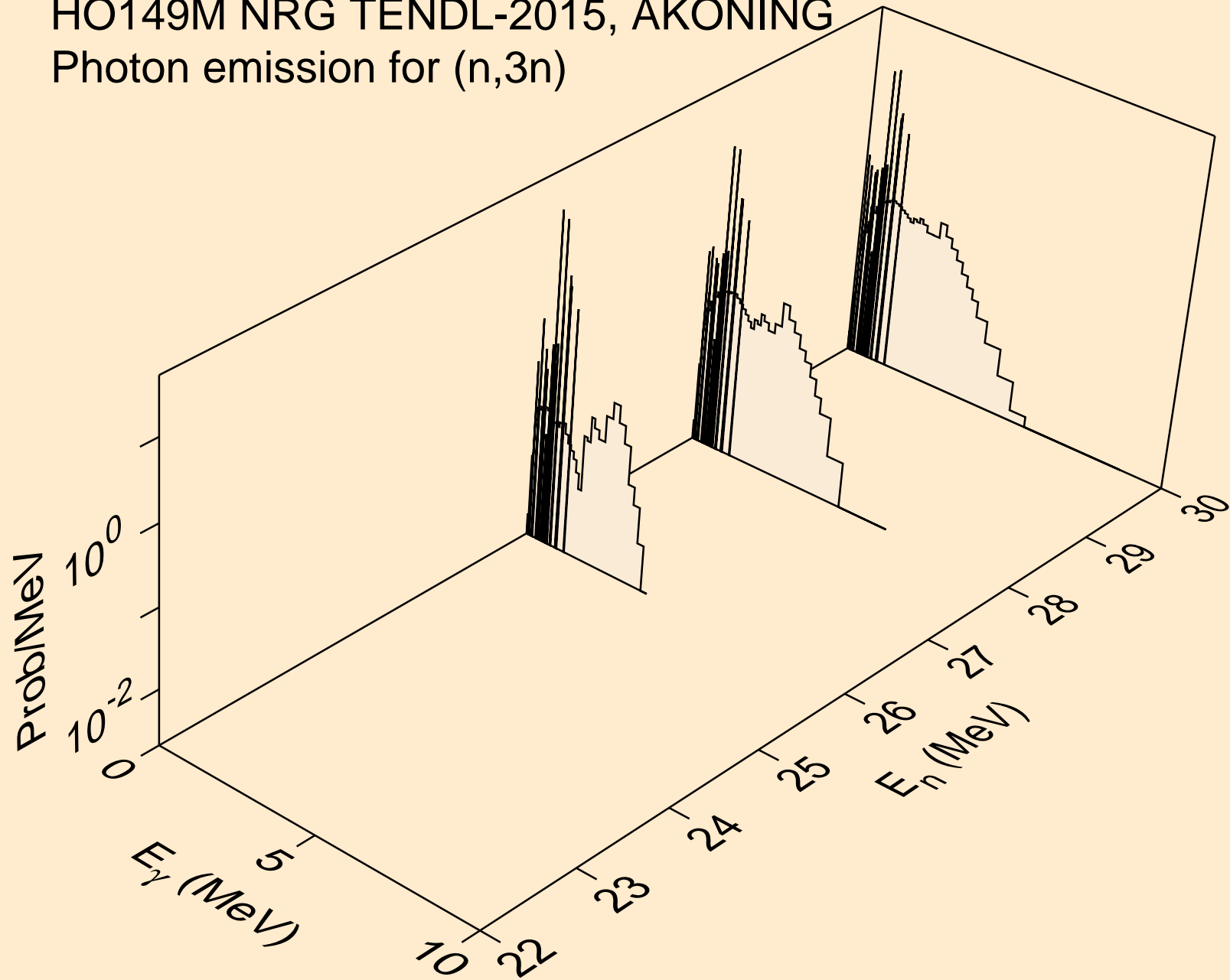
HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



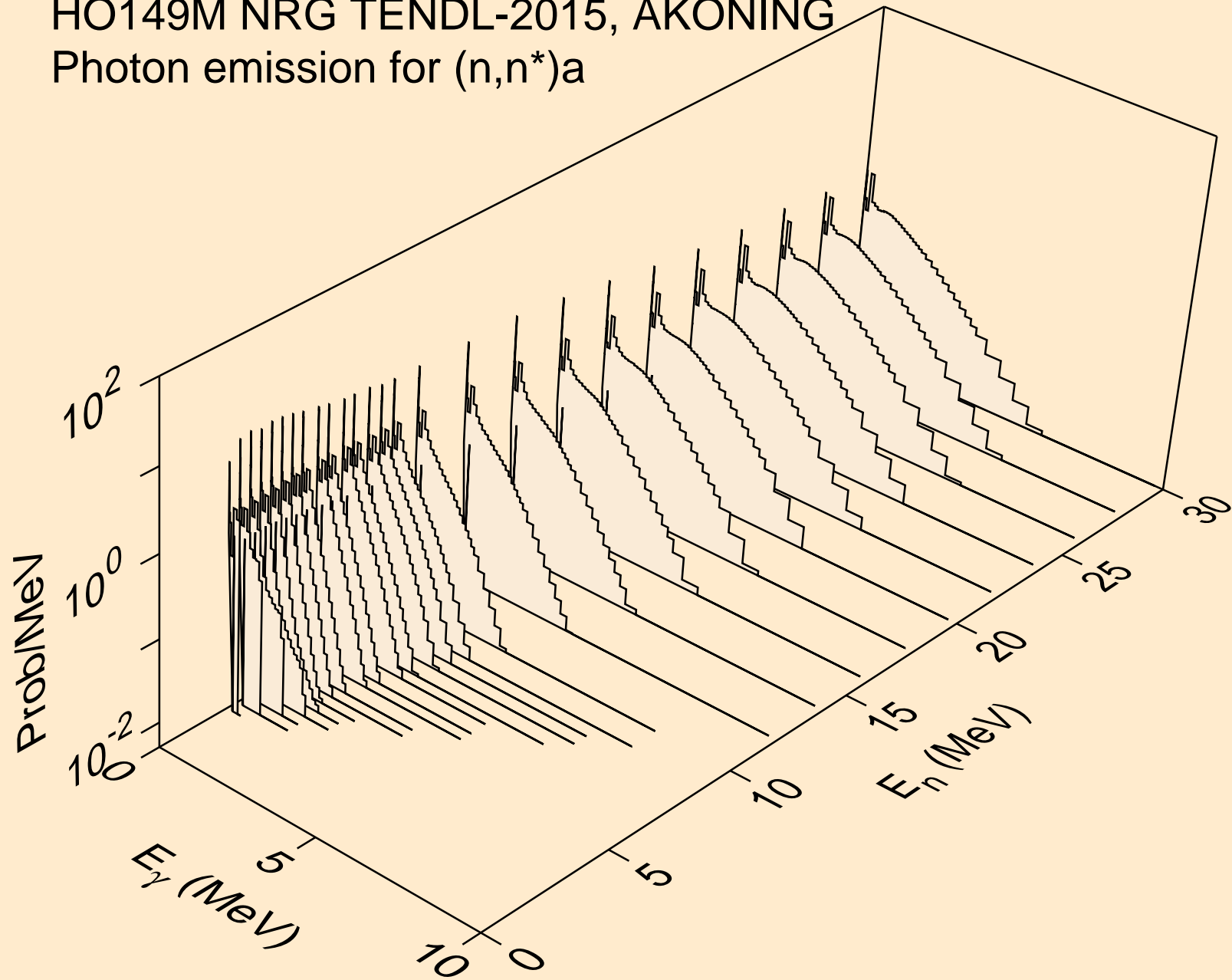
HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



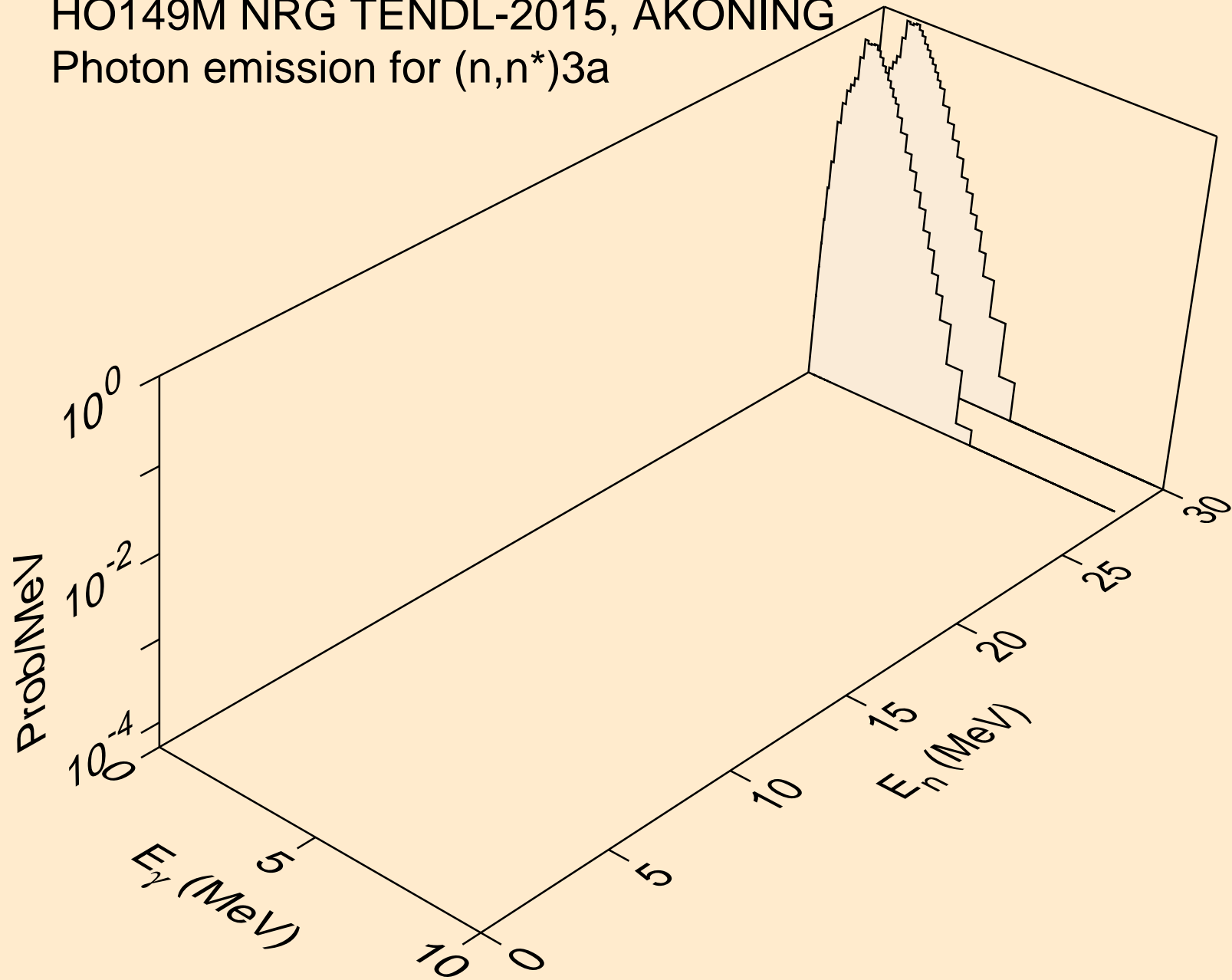
HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



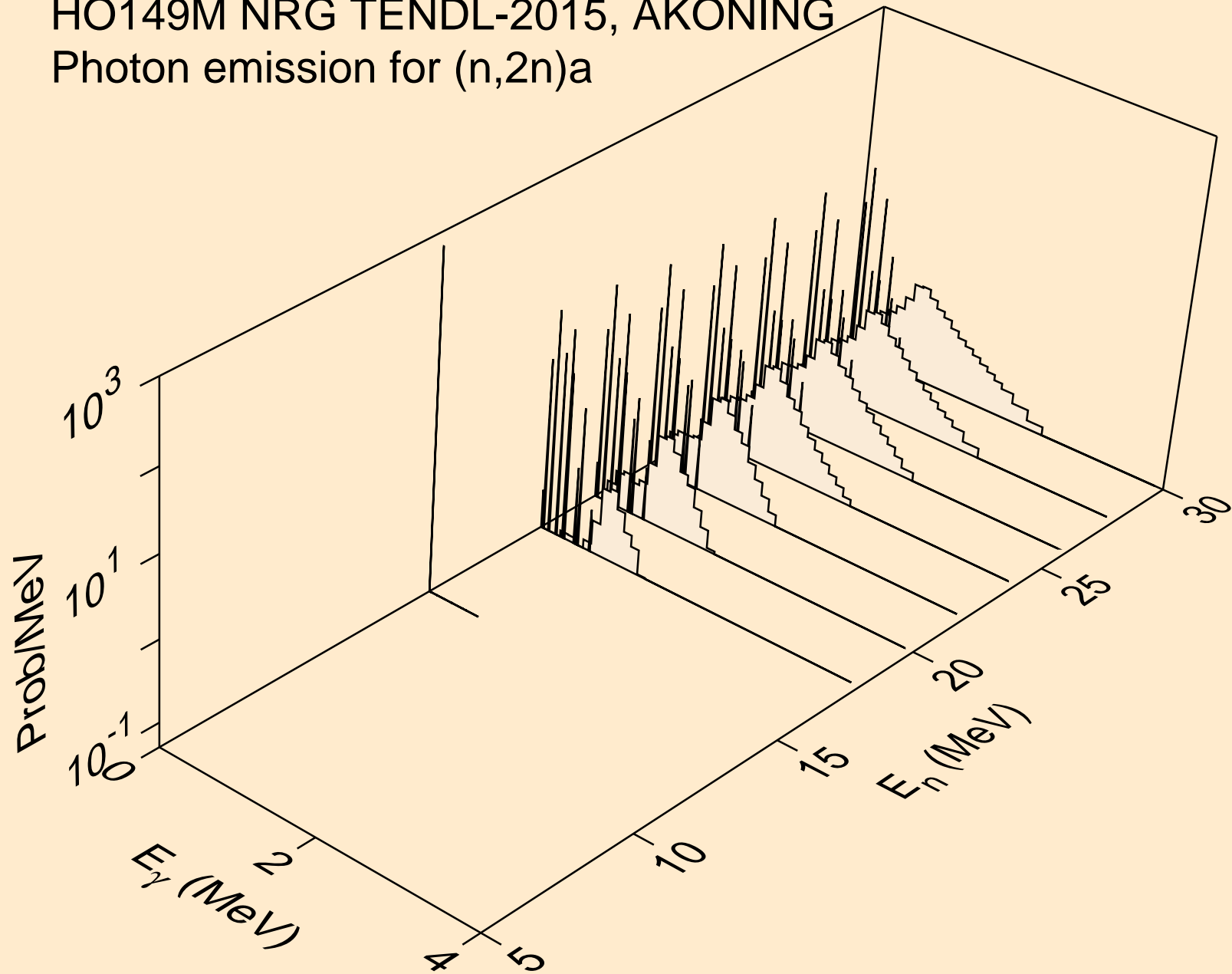
HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



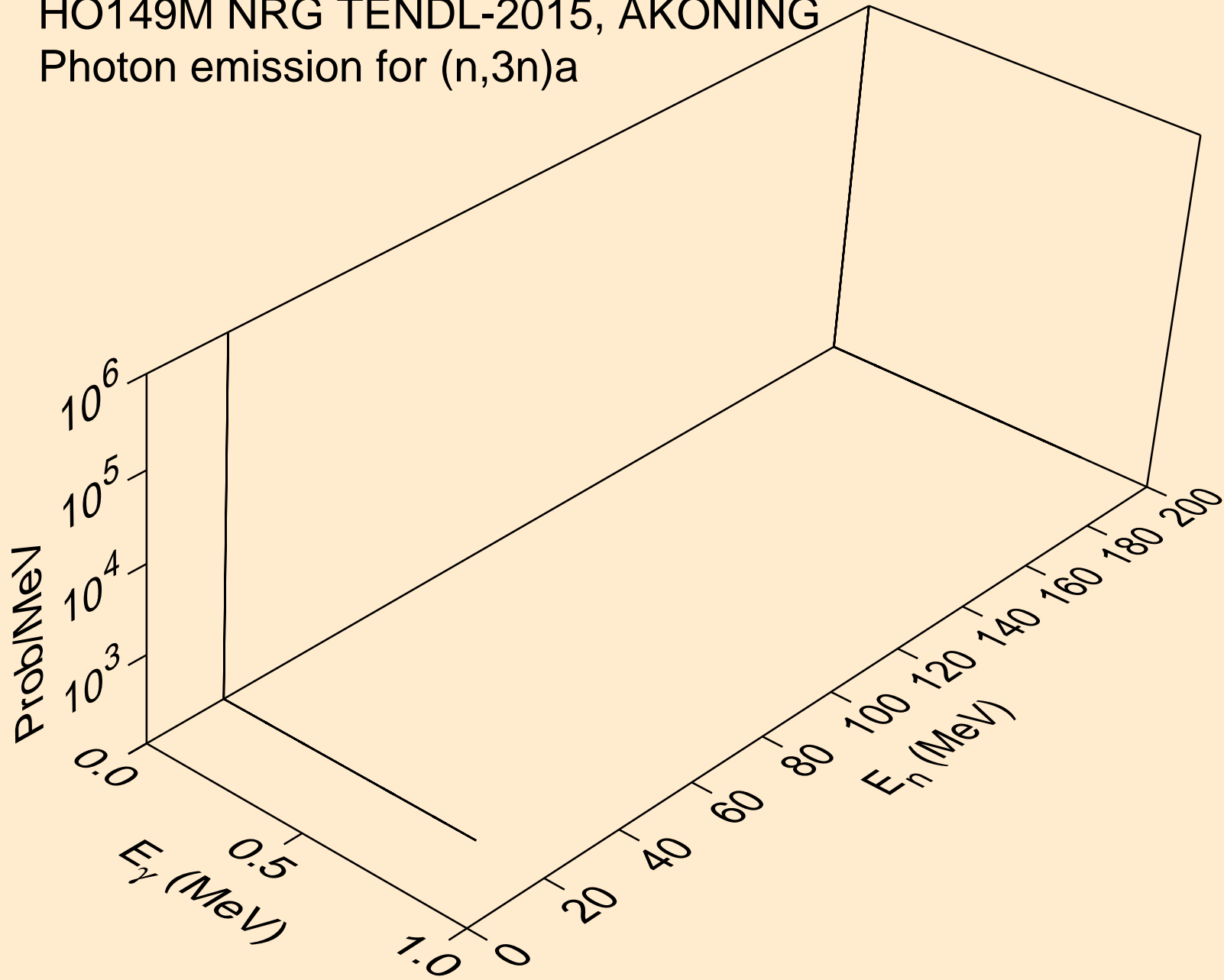
HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

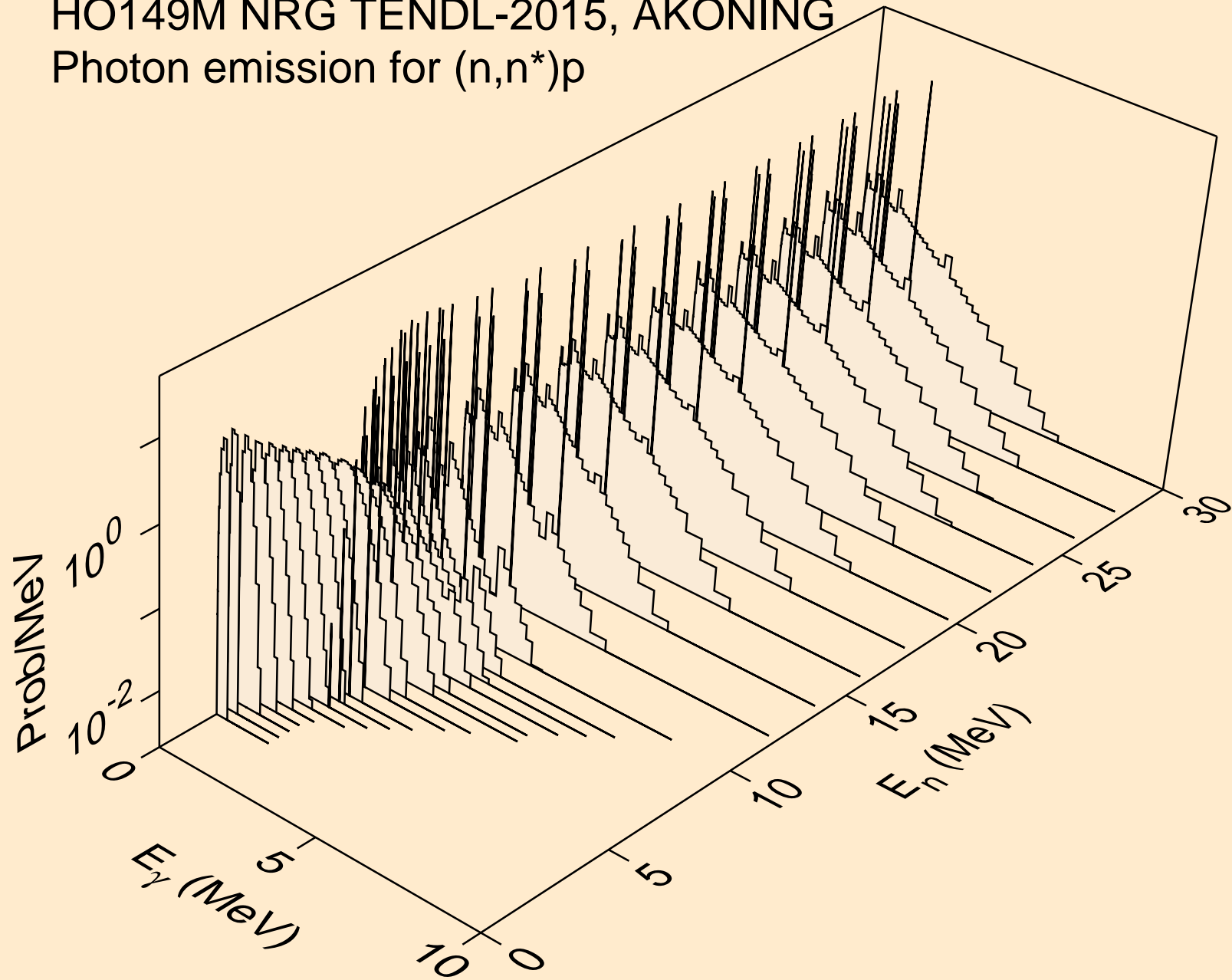


HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

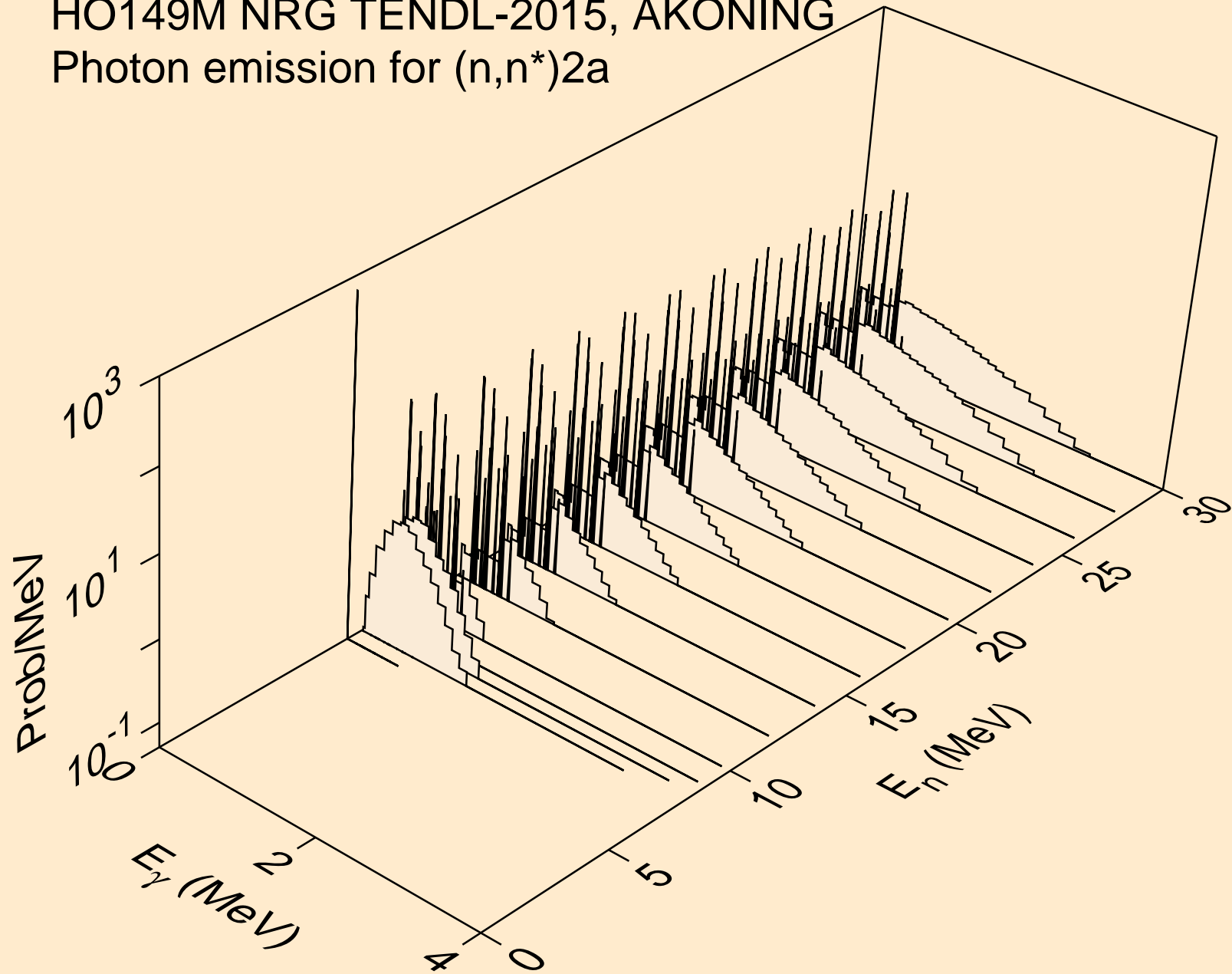




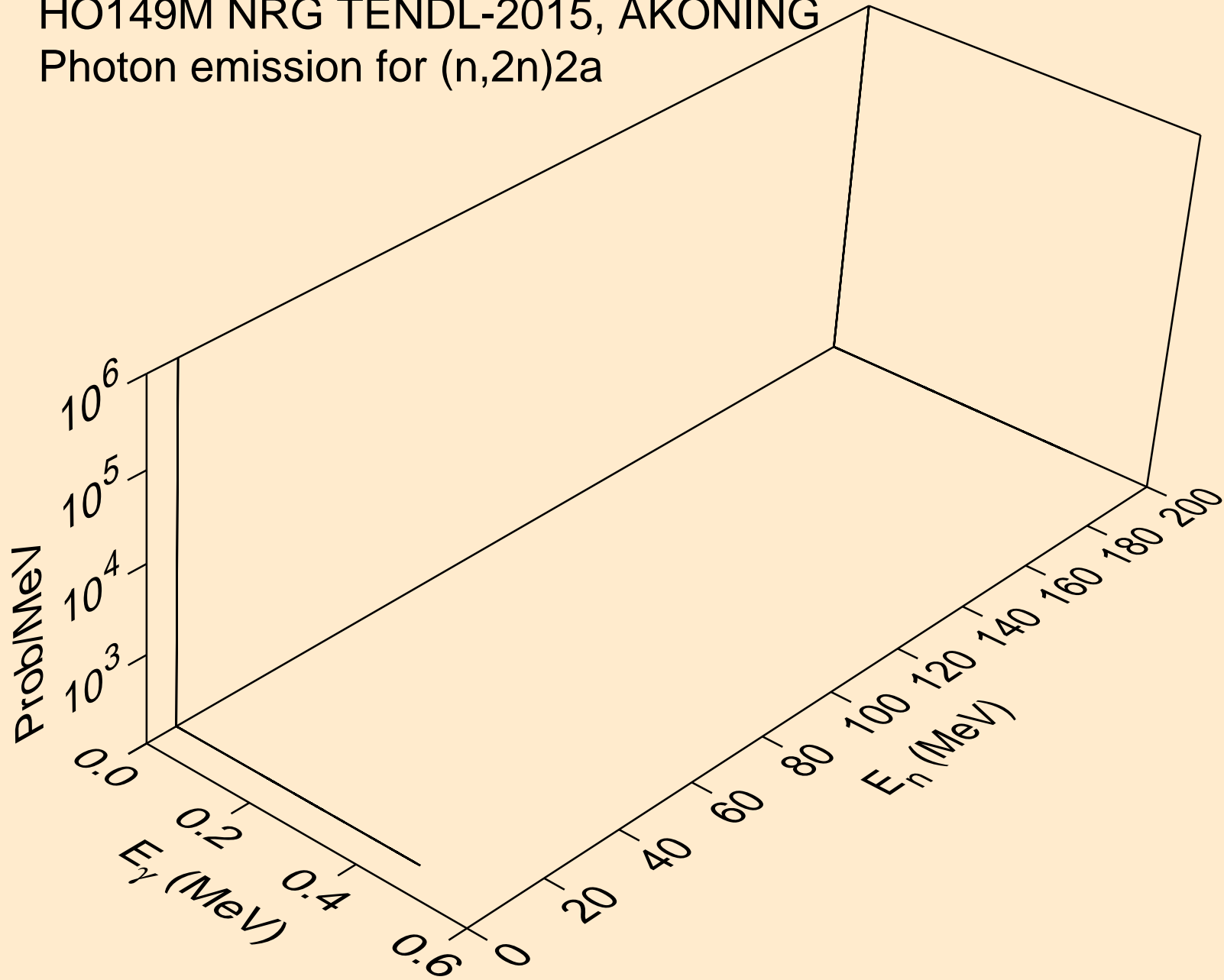
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Photon emission for (n,n\*)p



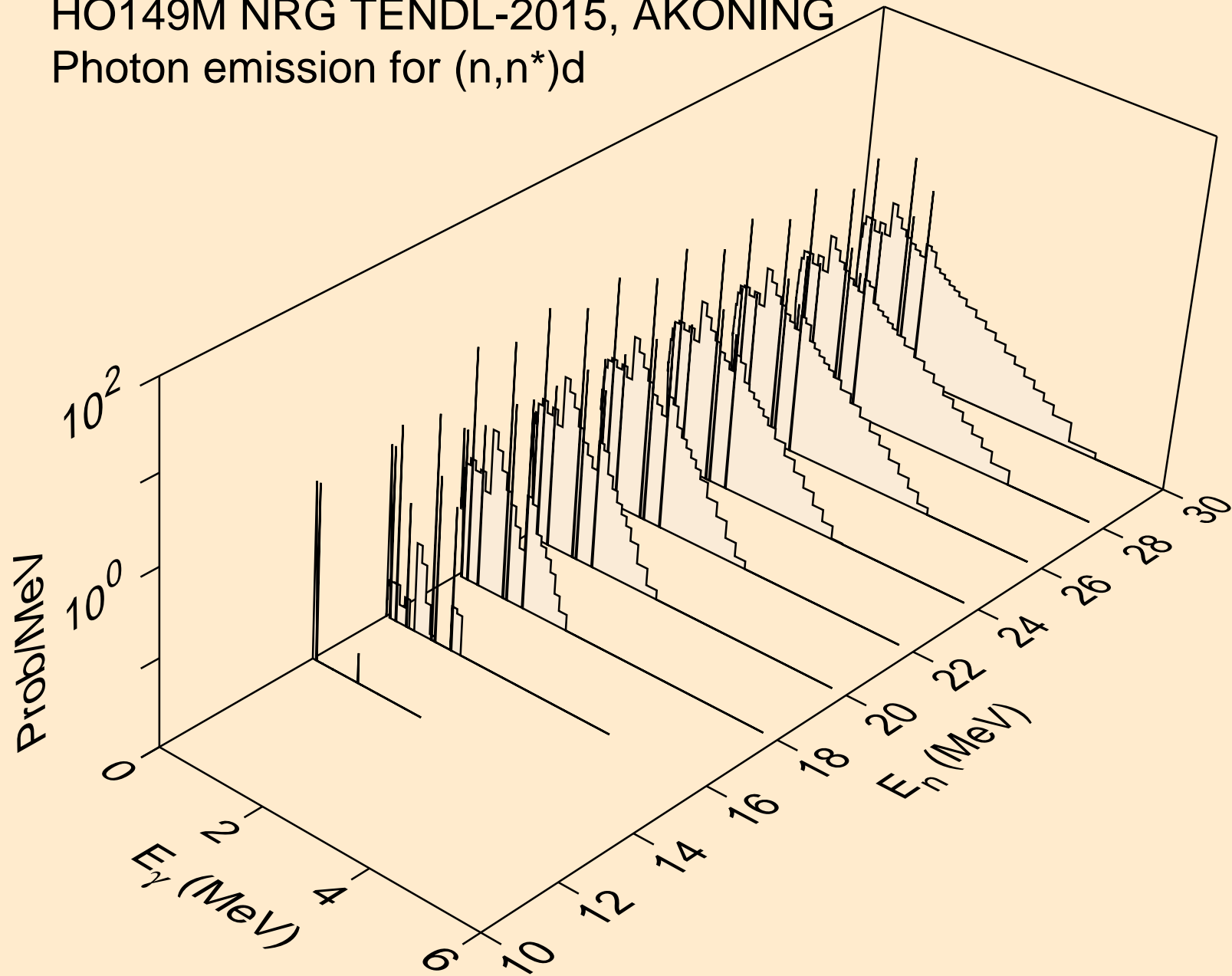
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Photon emission for (n,n\*)2a



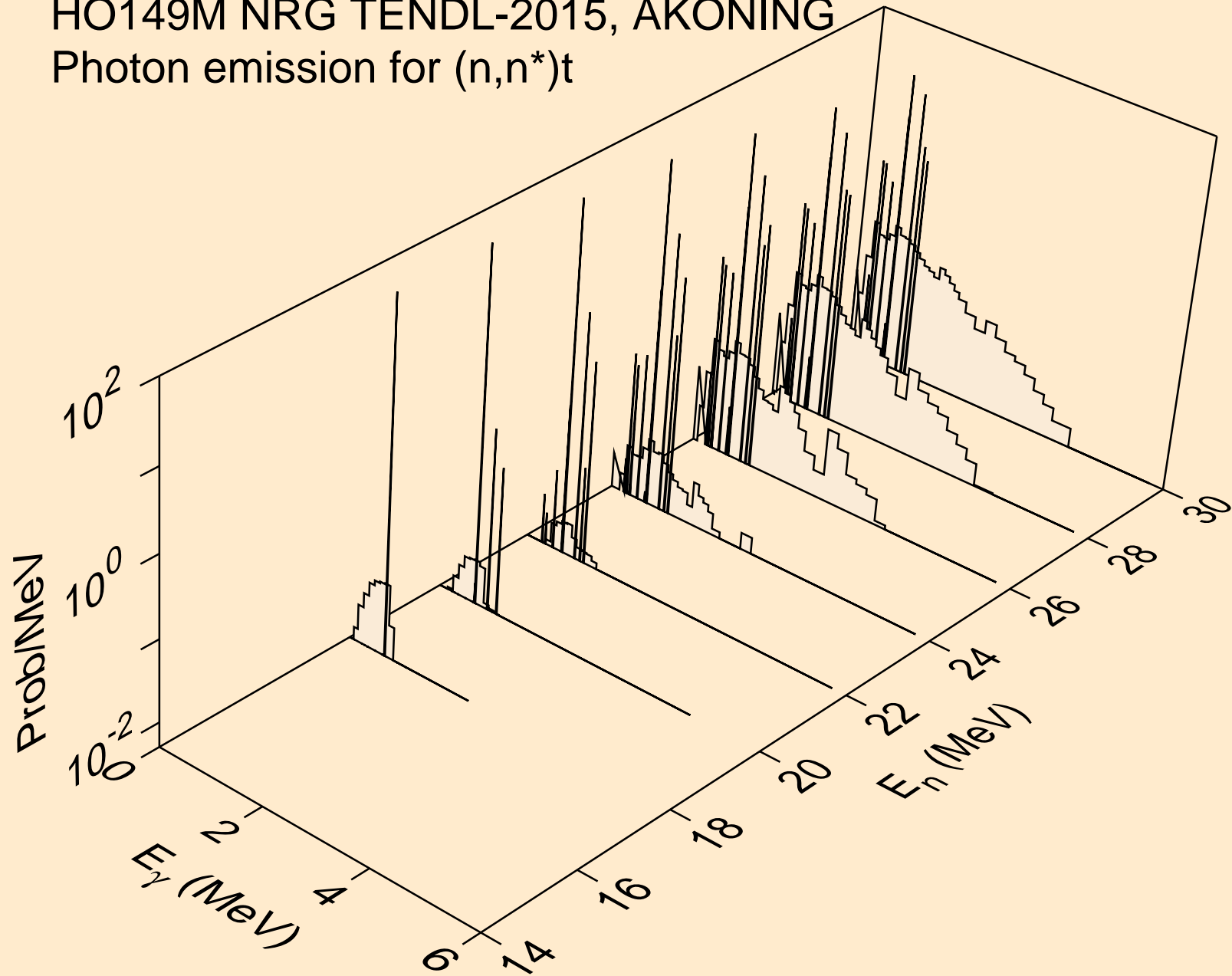
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Photon emission for (n,2n)2a



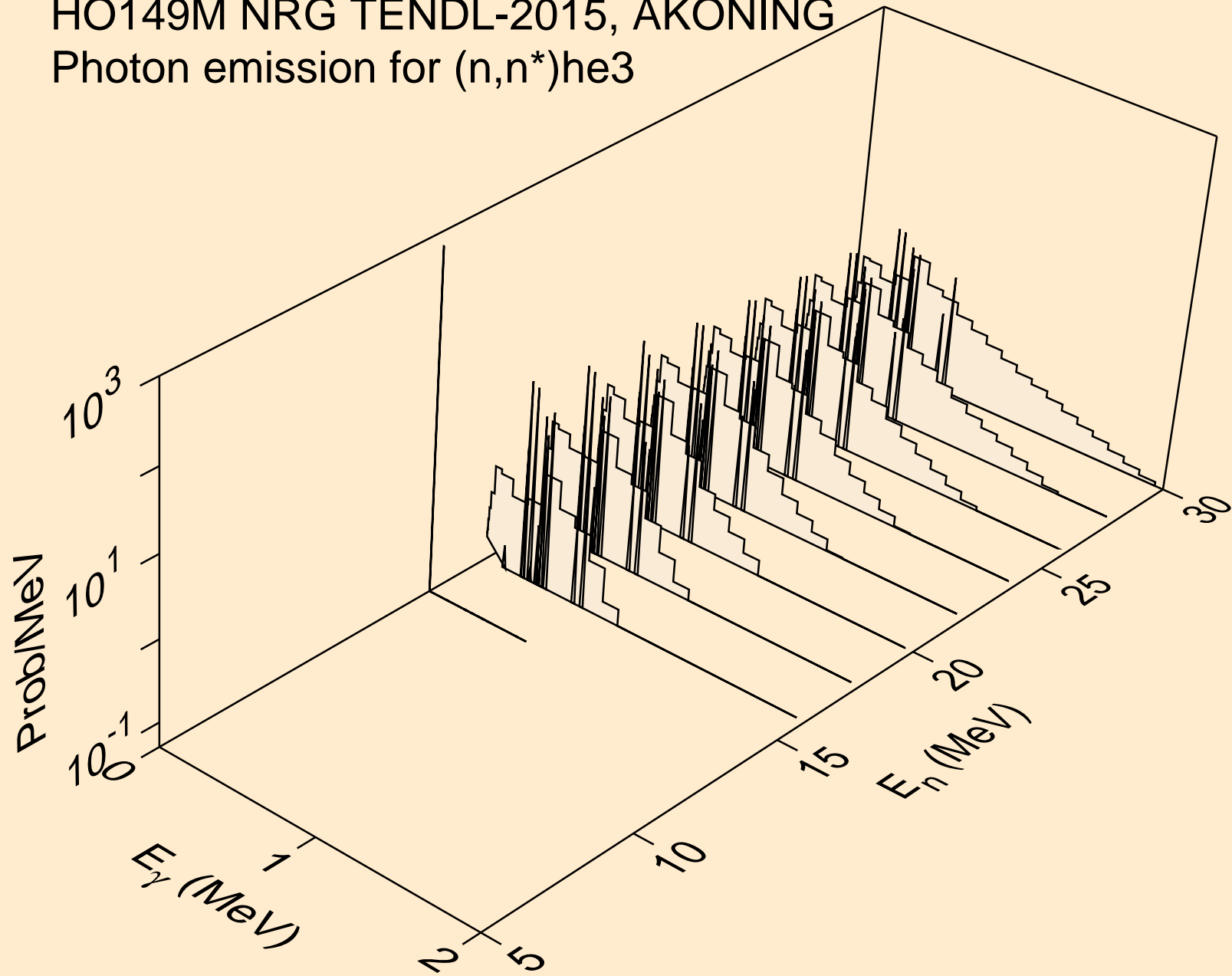
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Photon emission for (n,n\*)d



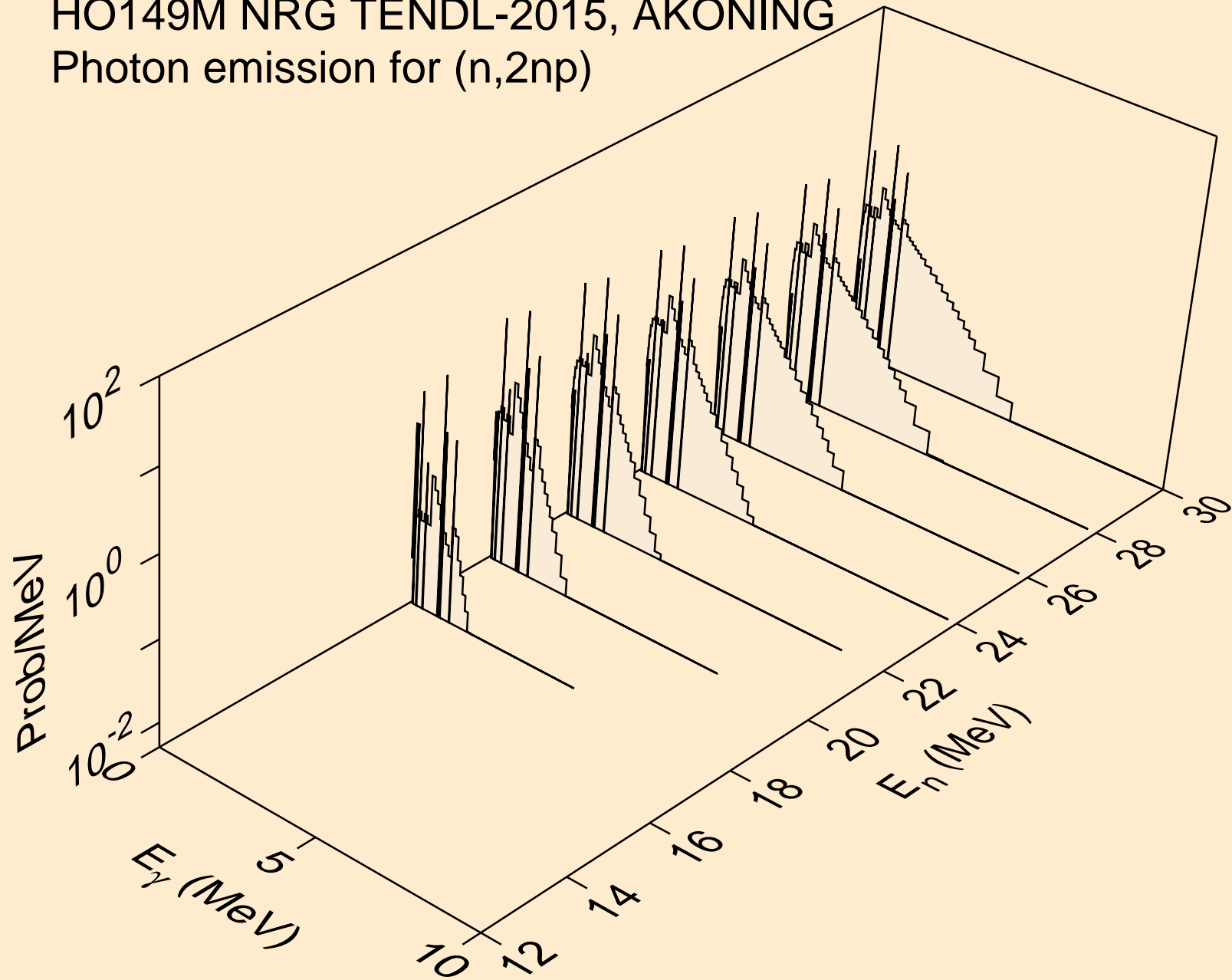
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Photon emission for (n,n\*)t



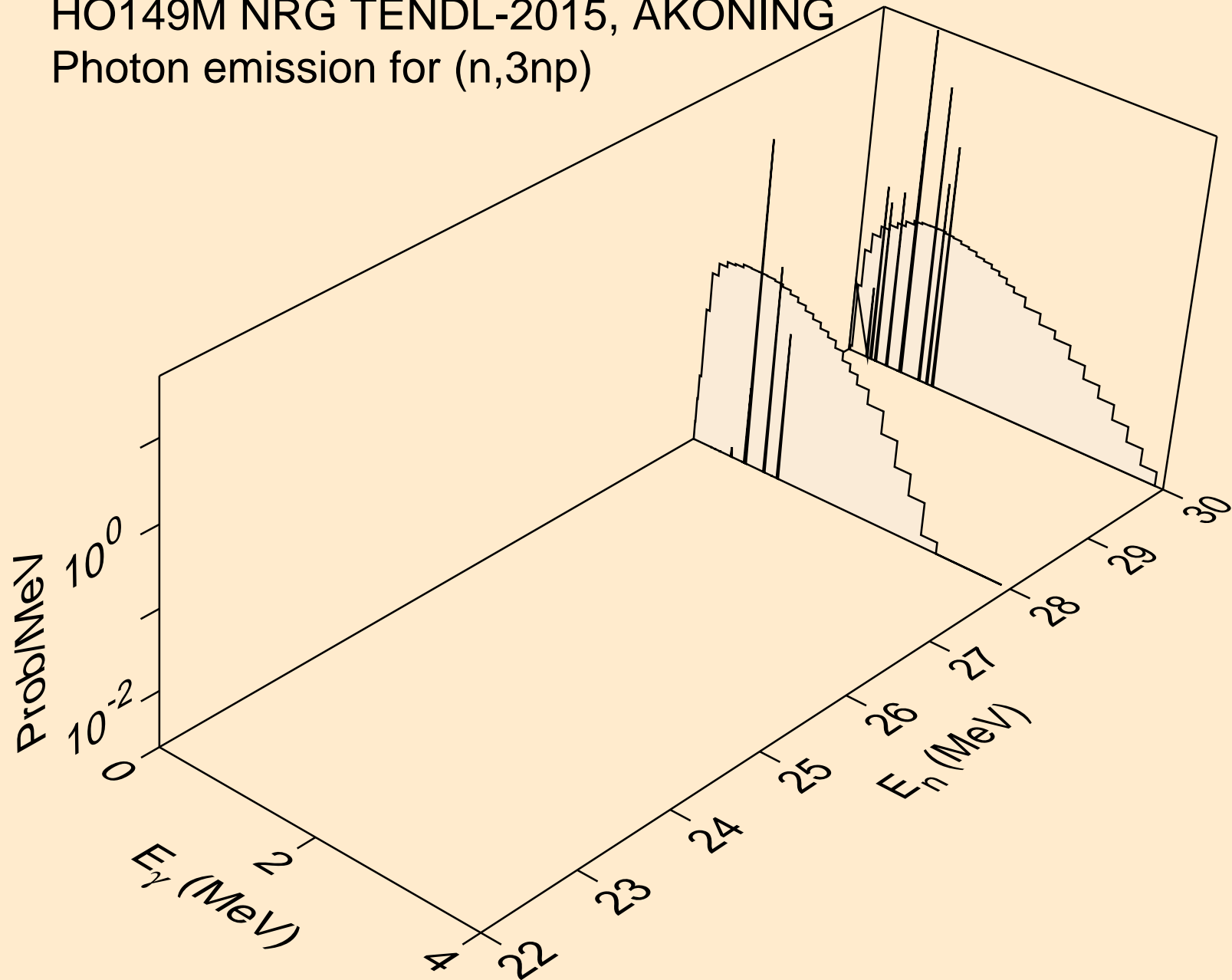
HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

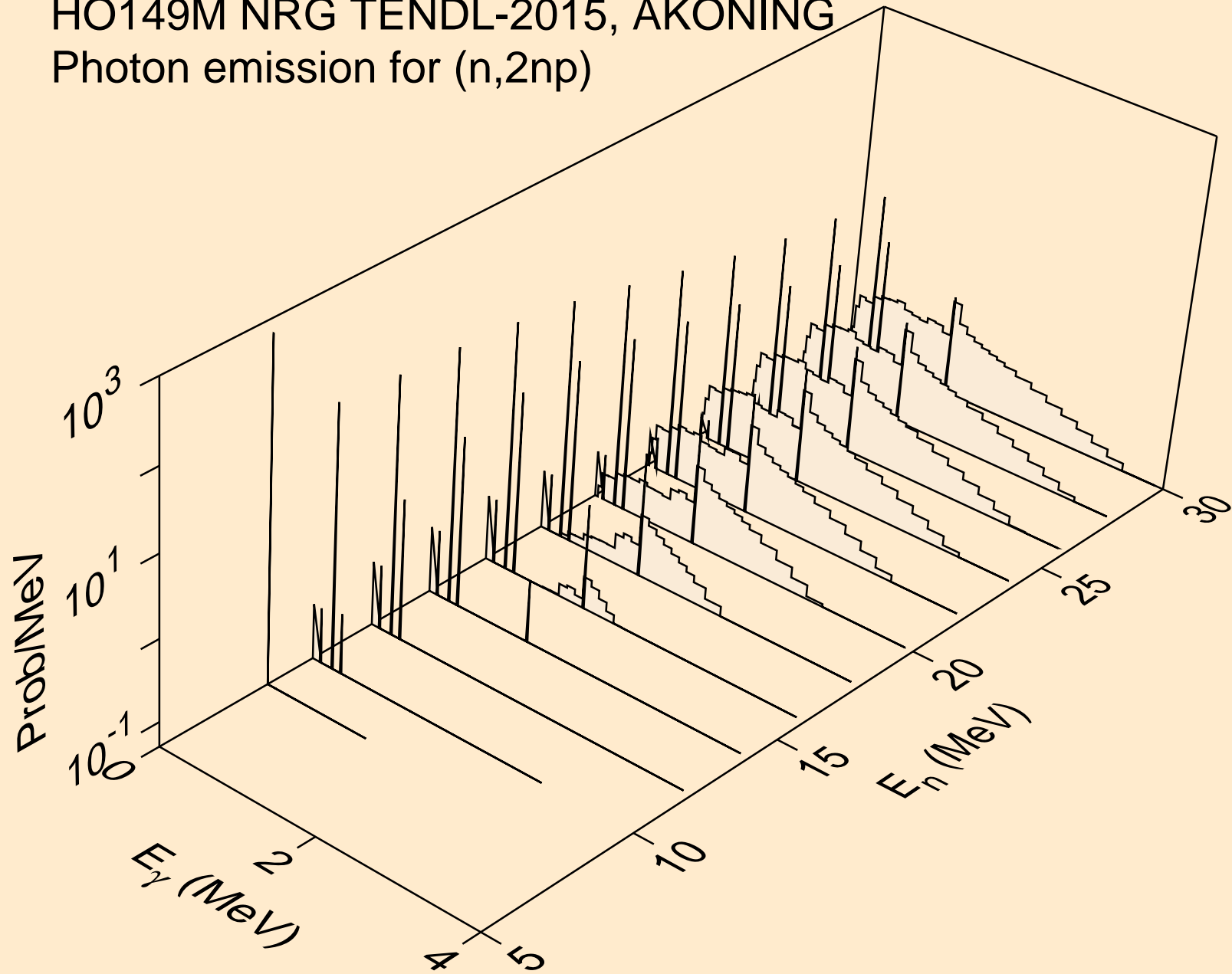


HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

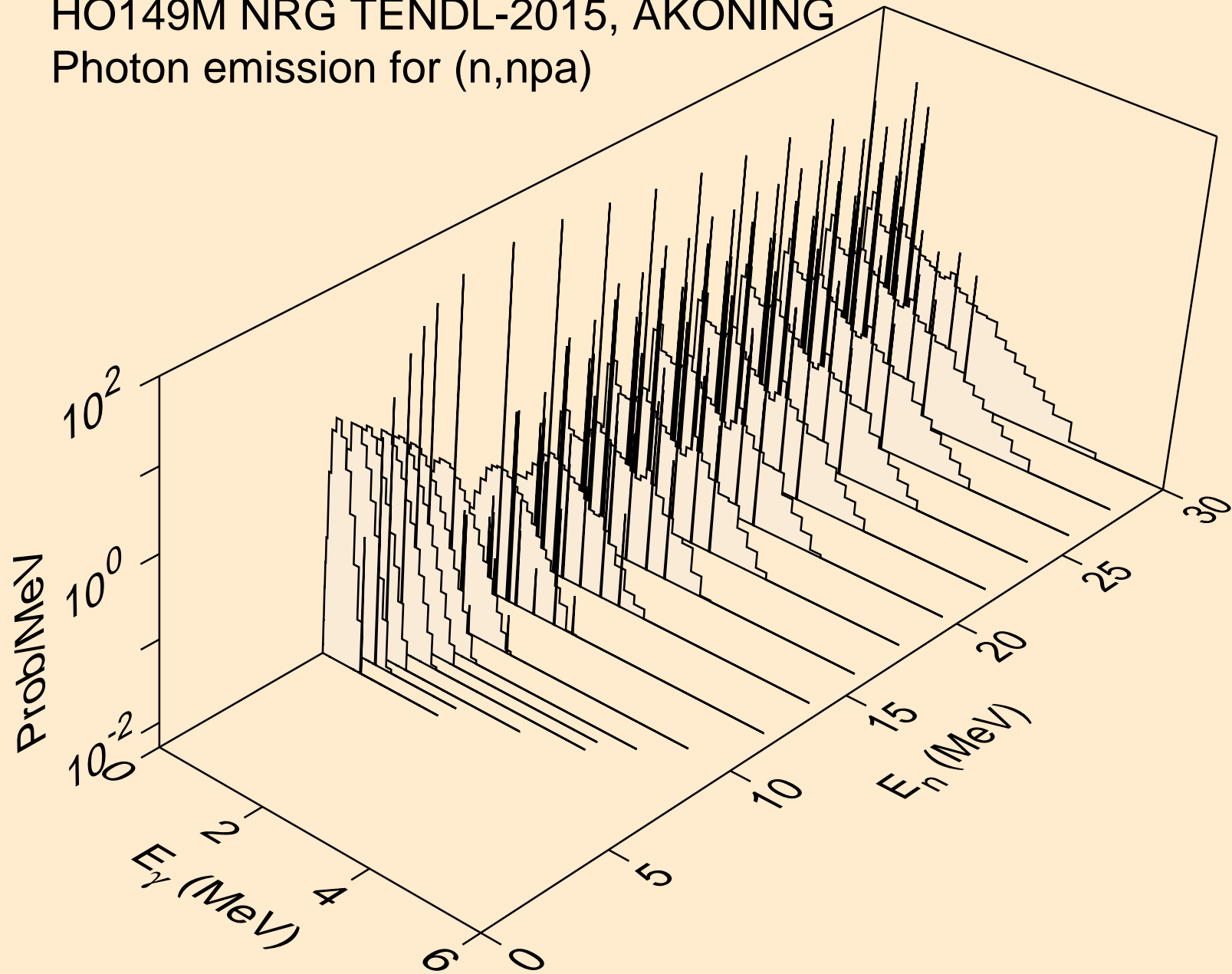




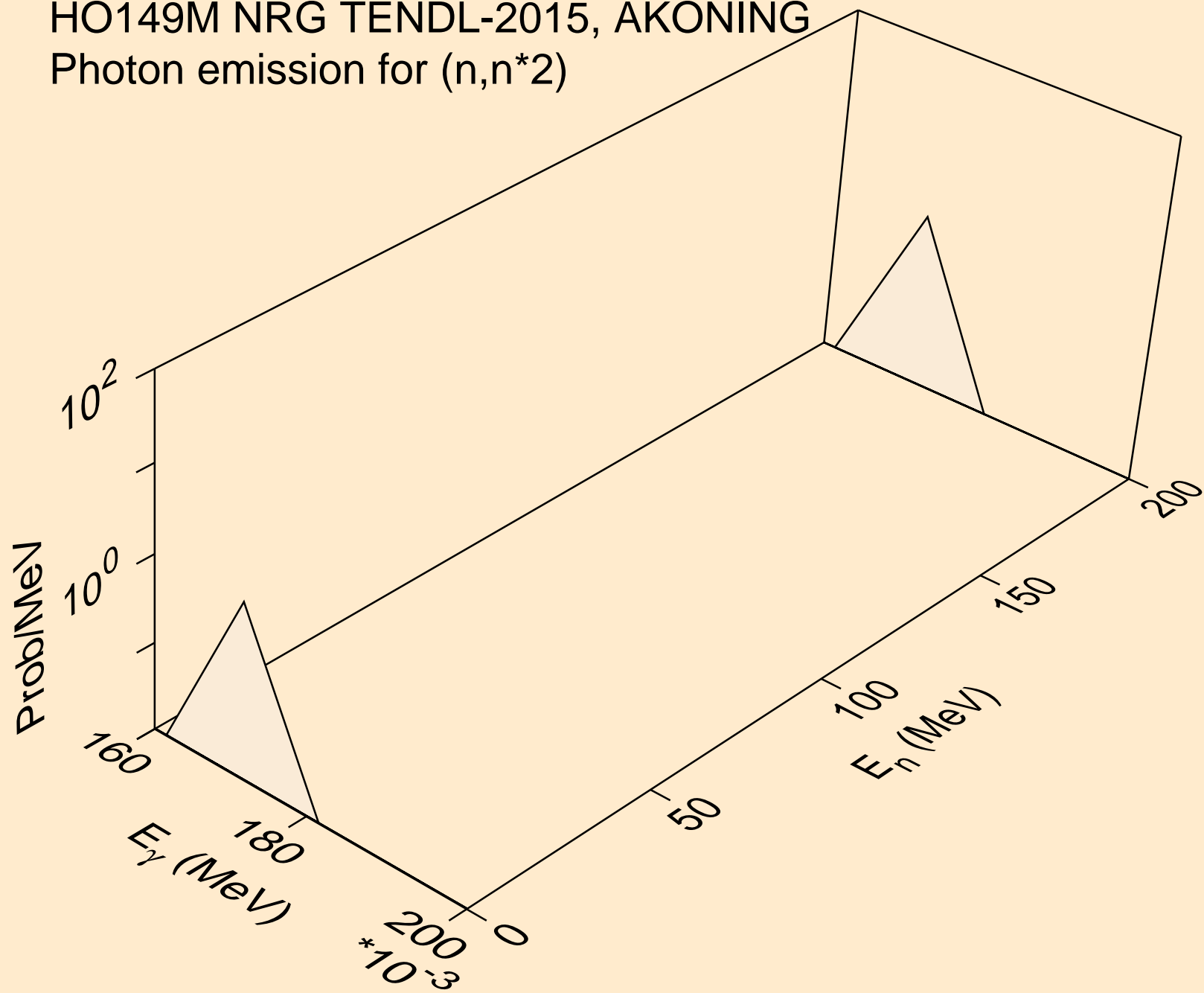
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Photon emission for (n,2np)



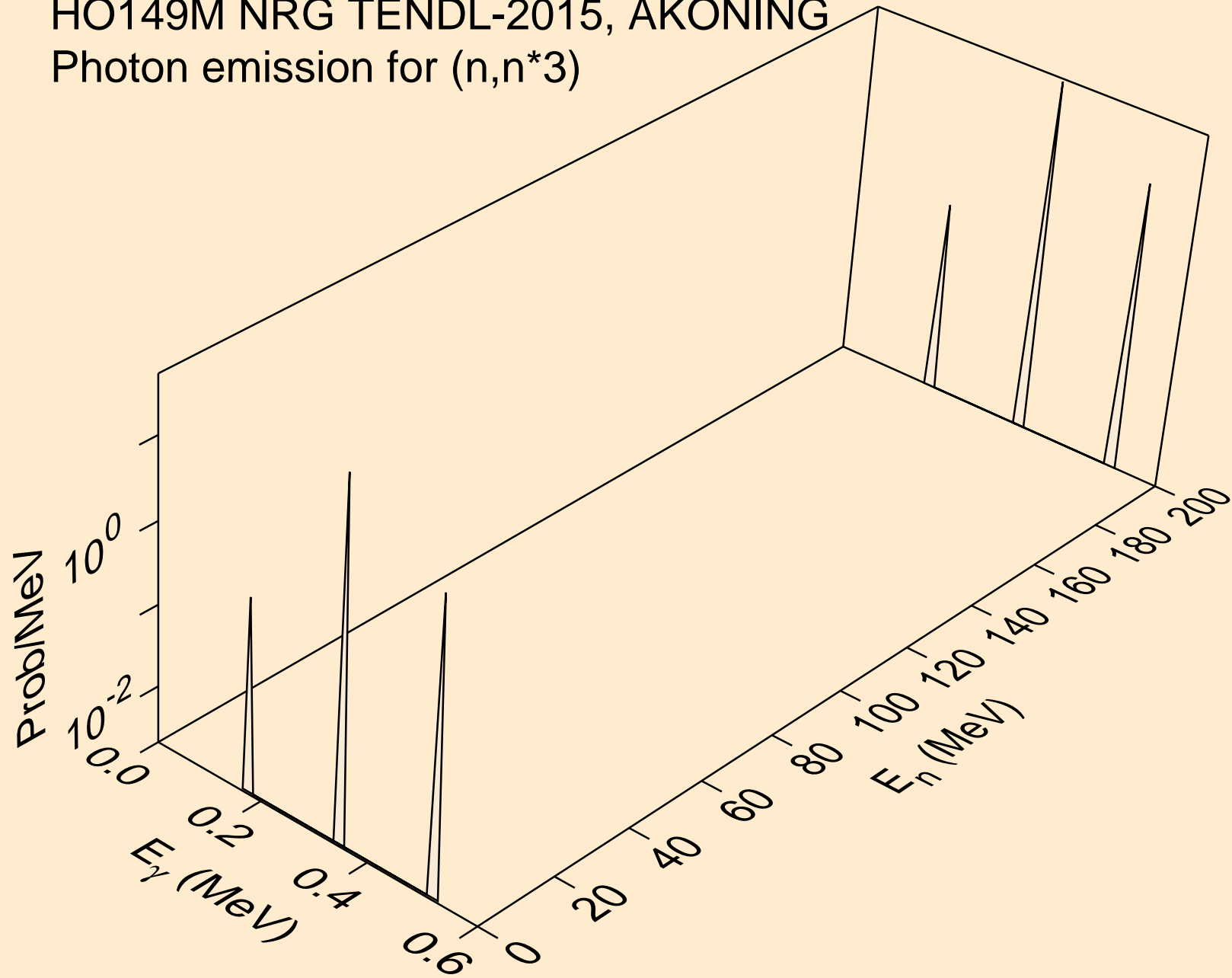
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Photon emission for (n,npa)



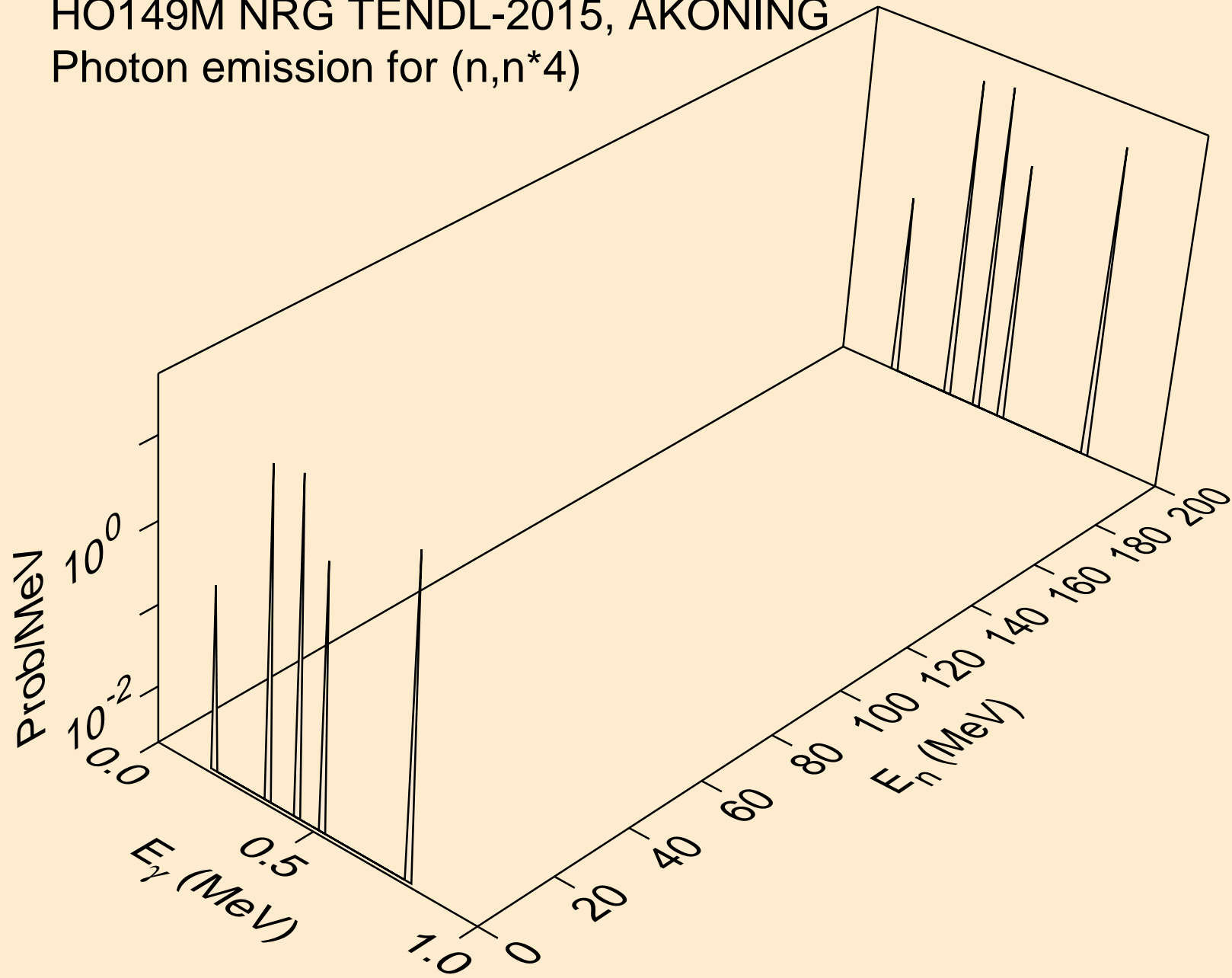
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Photon emission for (n,n\*2)



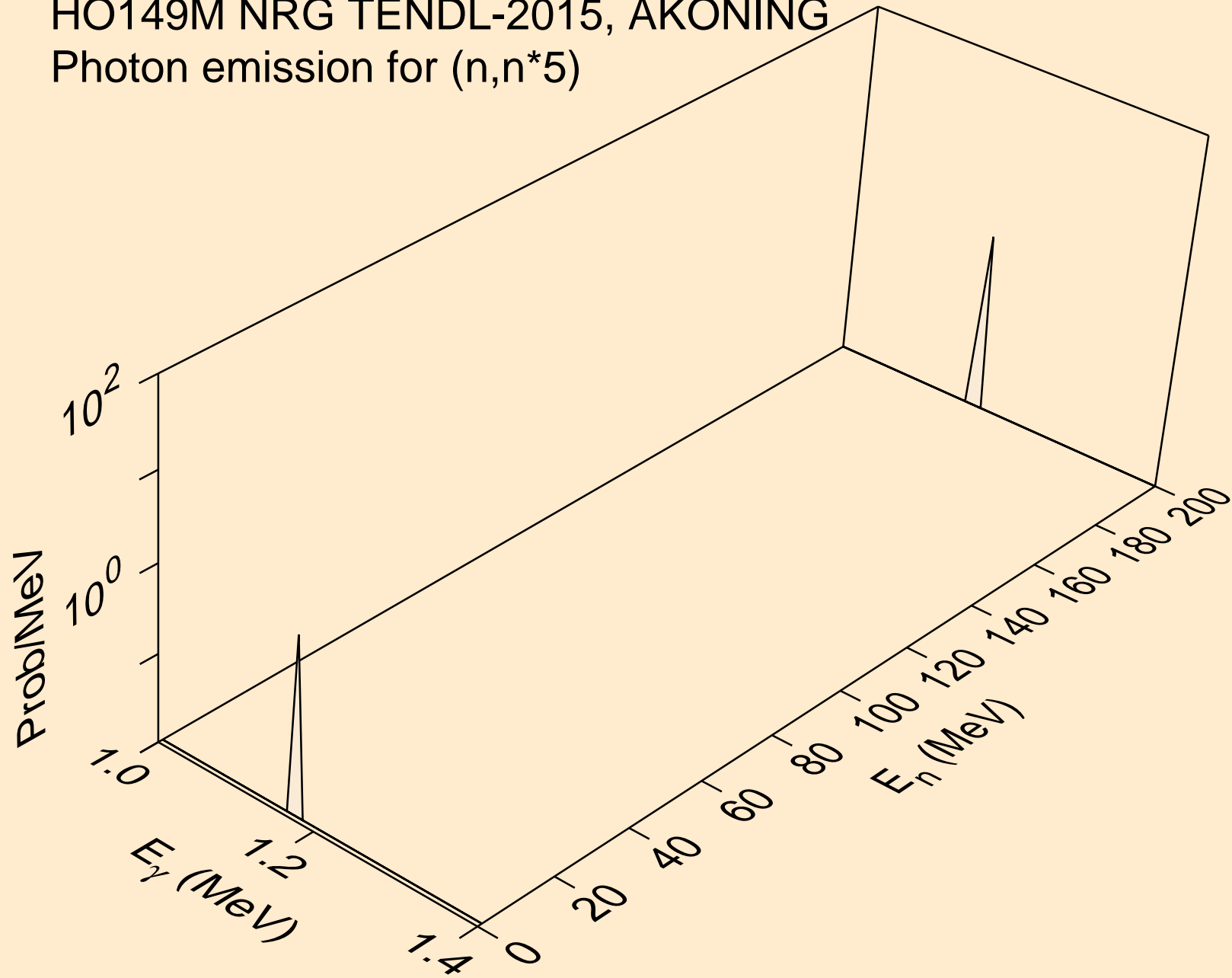
HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)



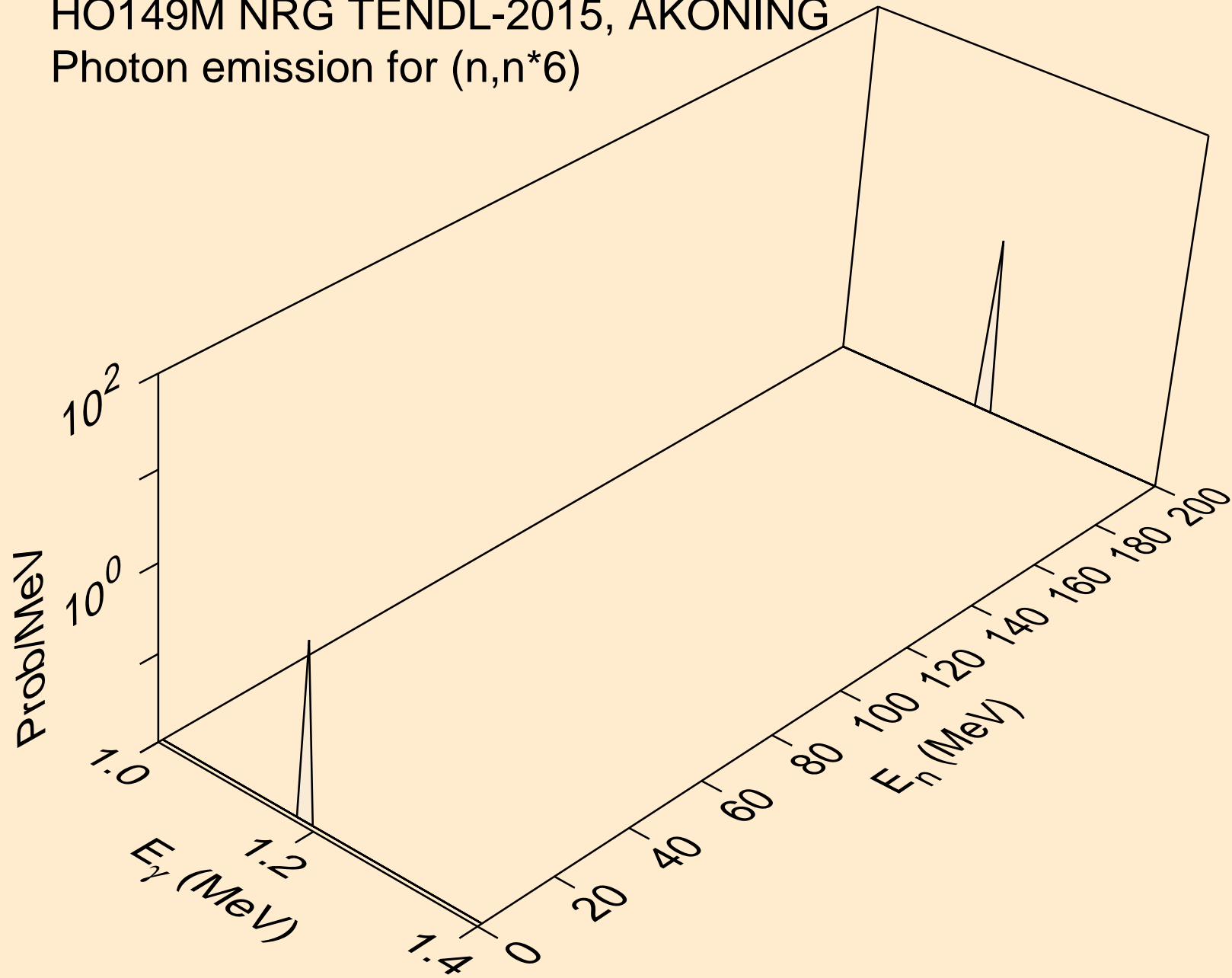
HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)



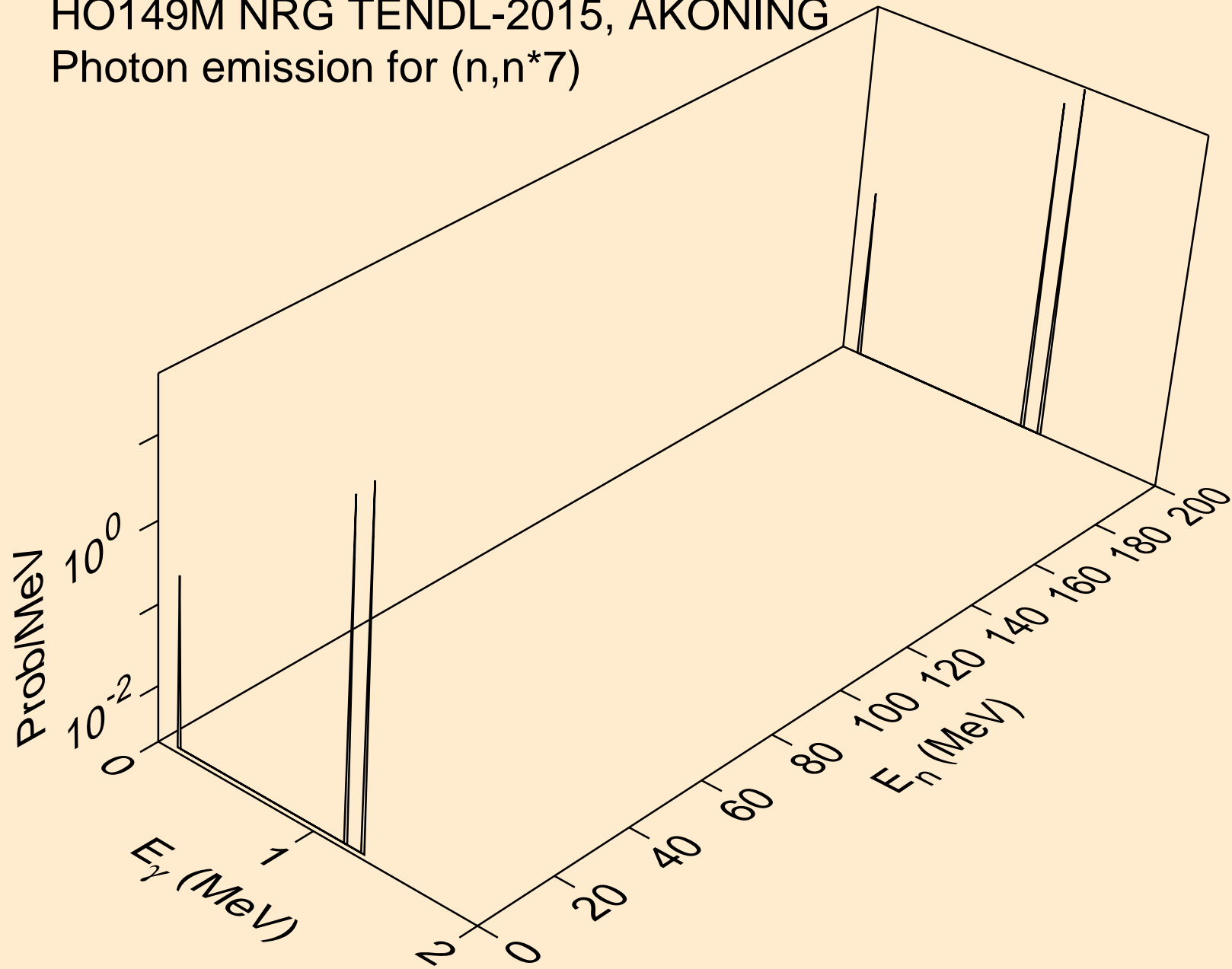
HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)

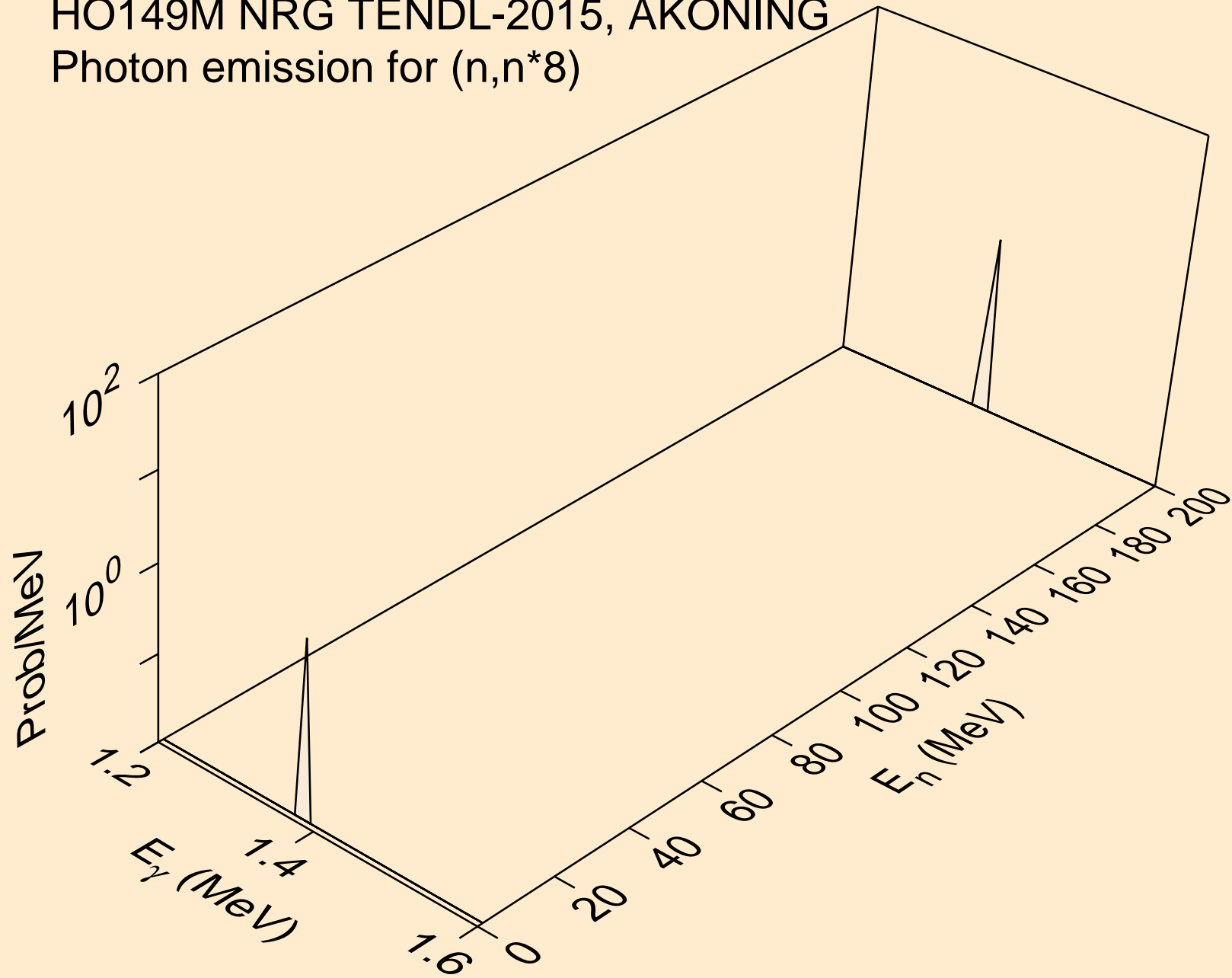


HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)

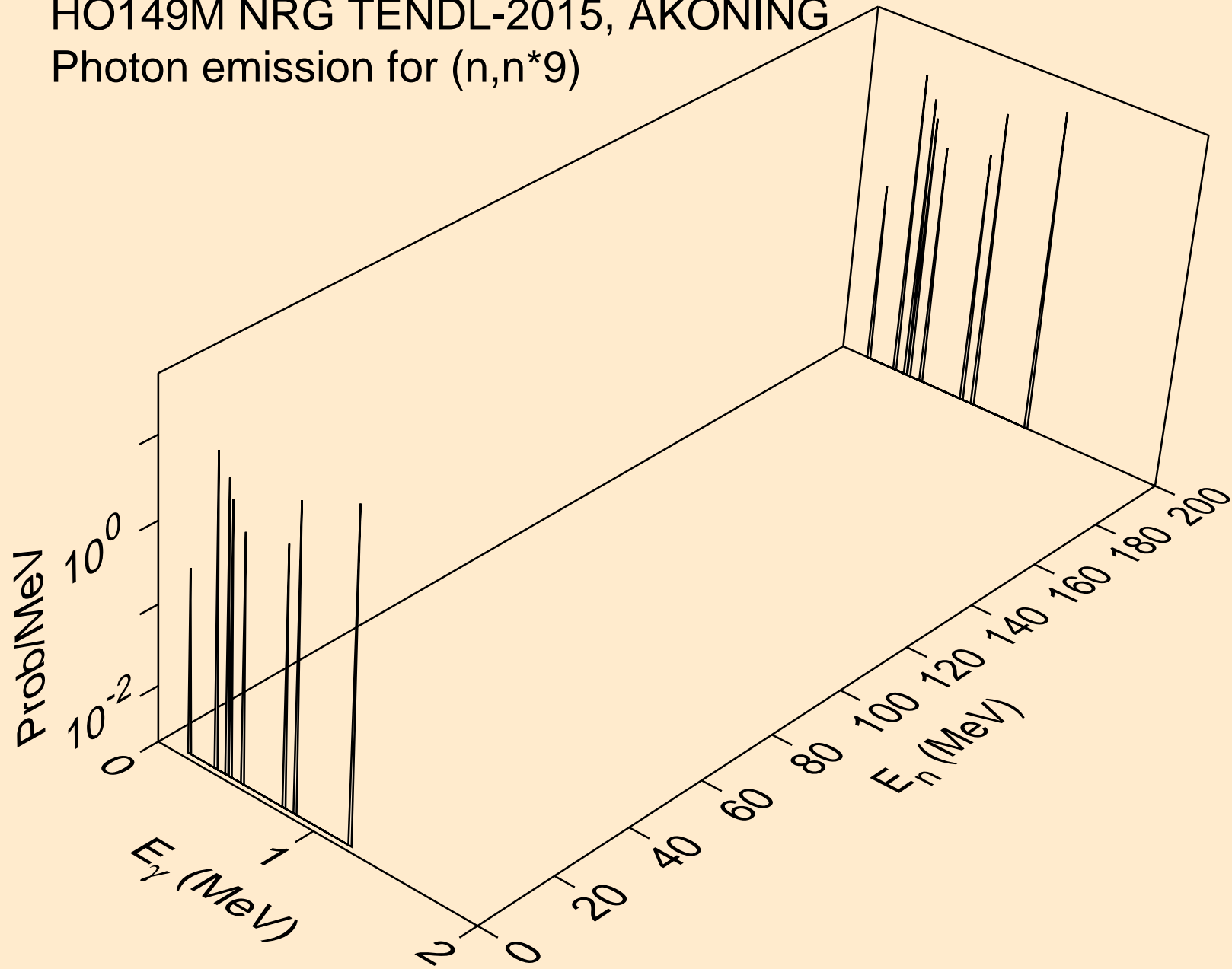




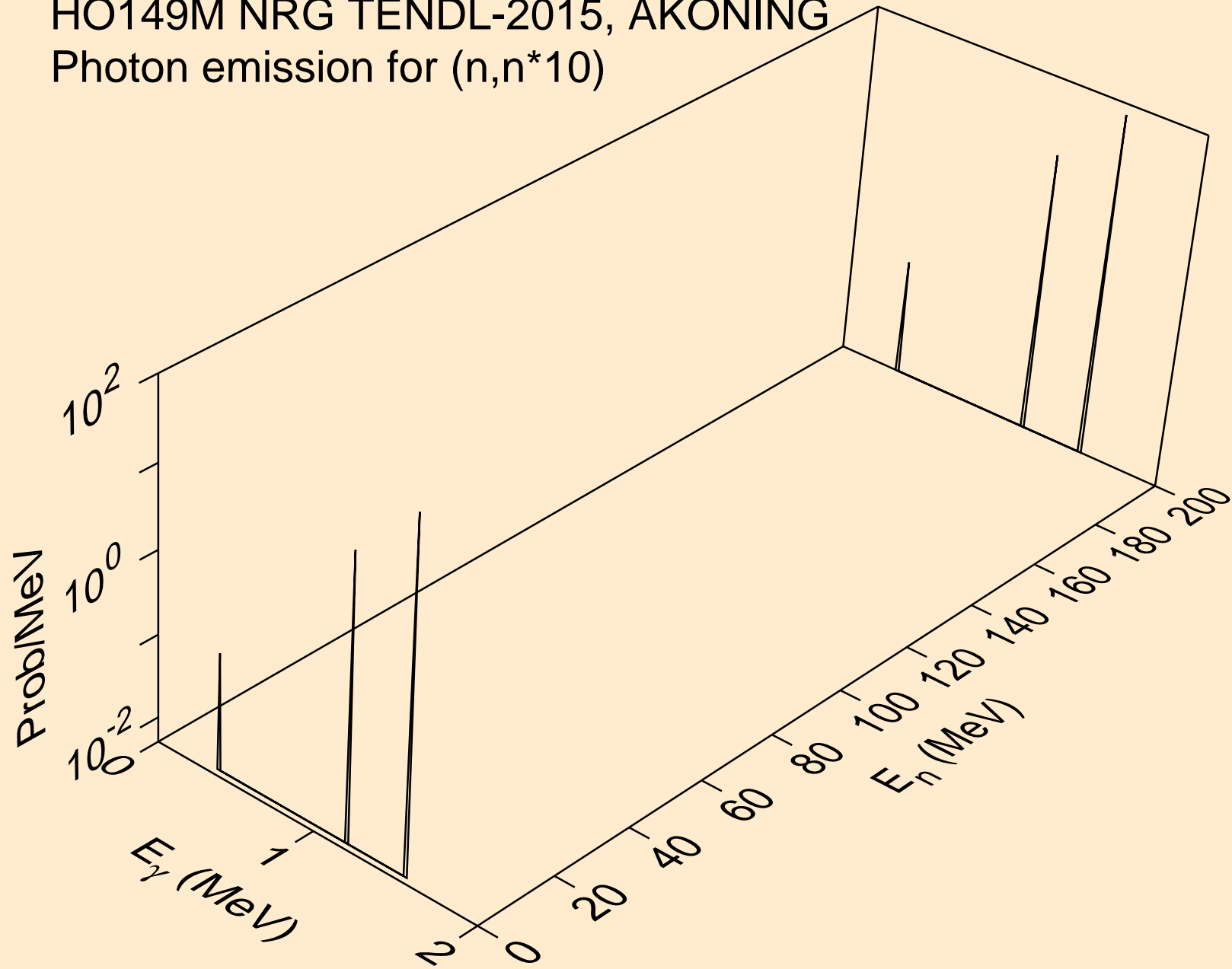
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Photon emission for (n,n\*8)



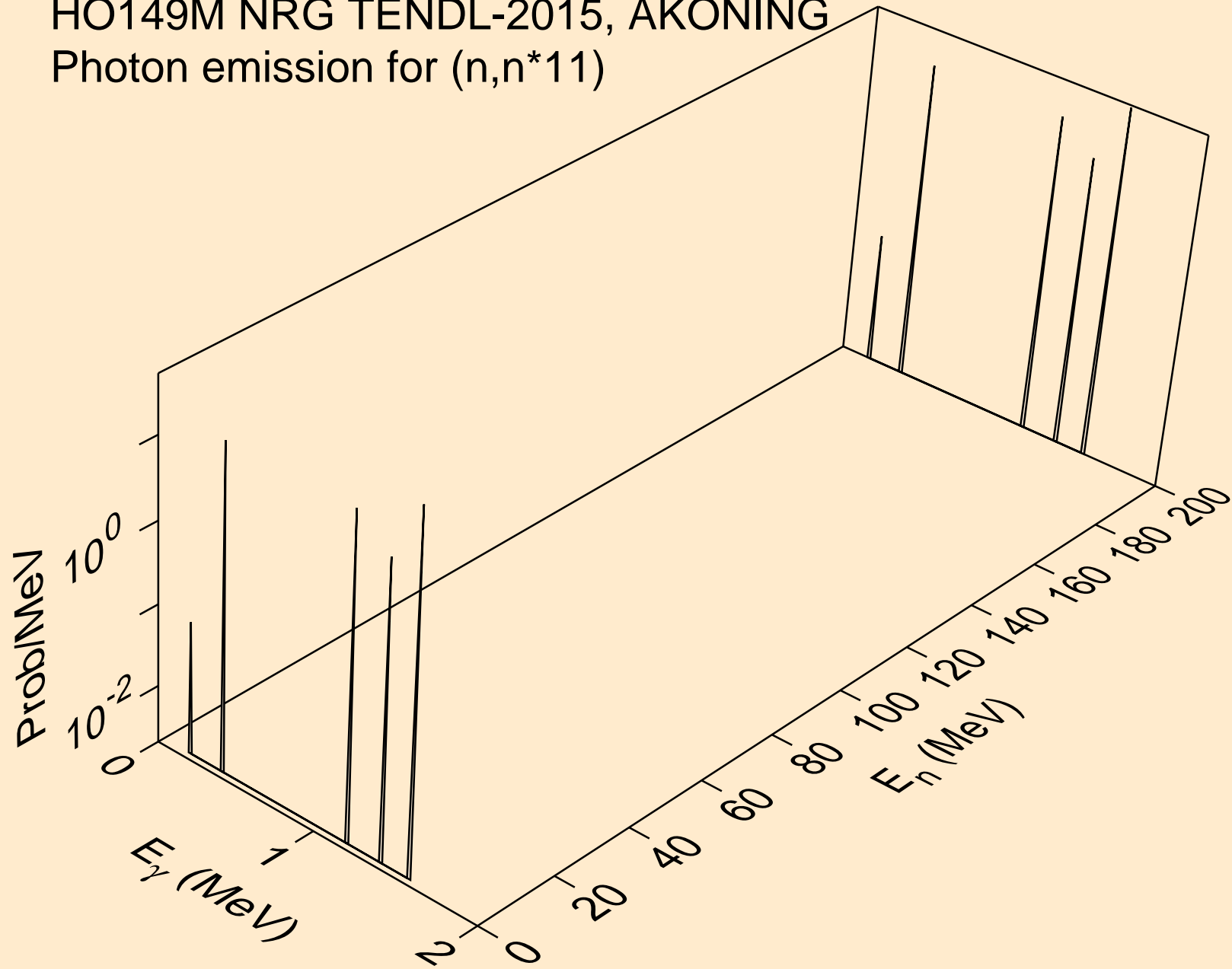
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Photon emission for (n,n\*9)



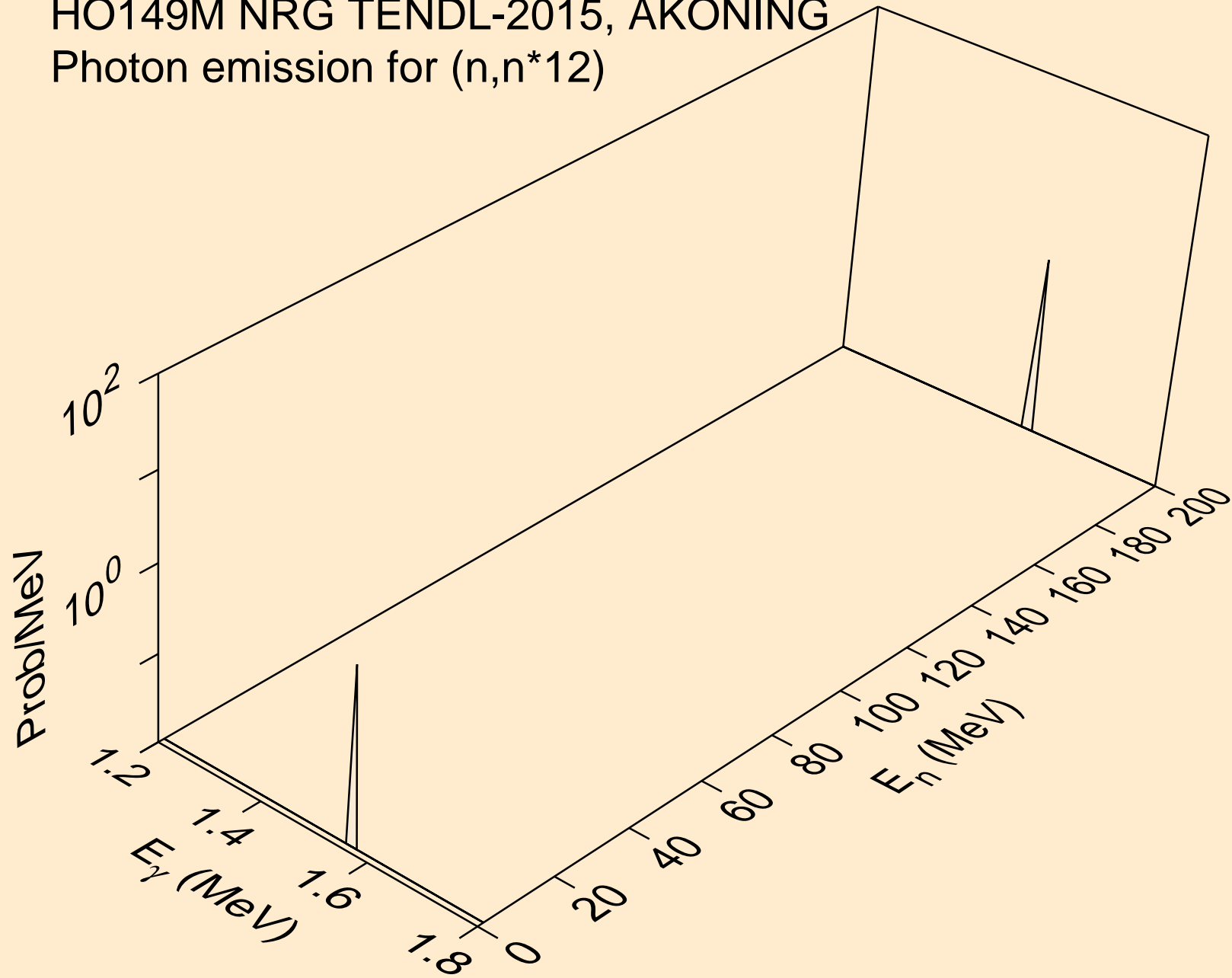
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Photon emission for (n,n\*10)



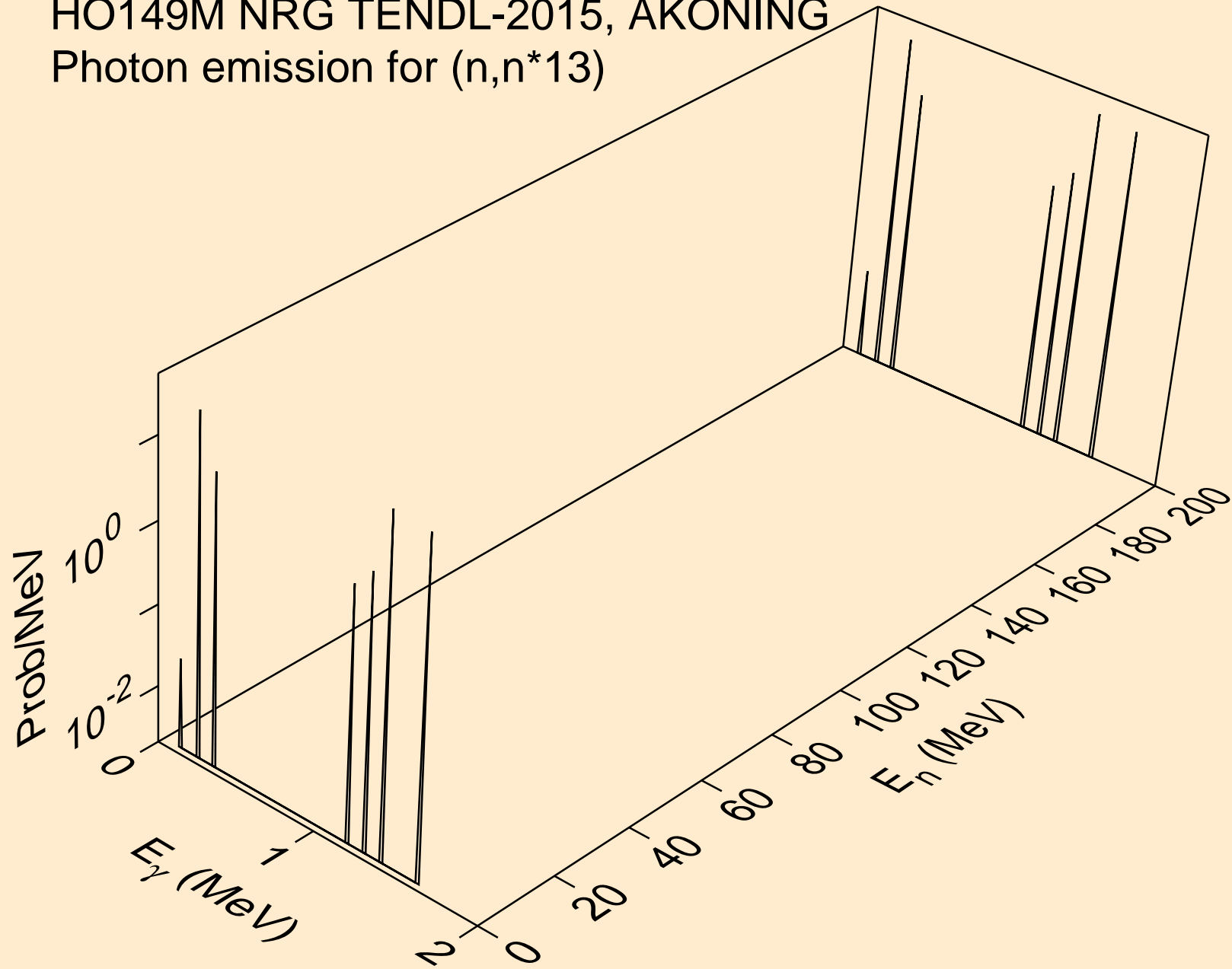
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Photon emission for (n,n\*11)



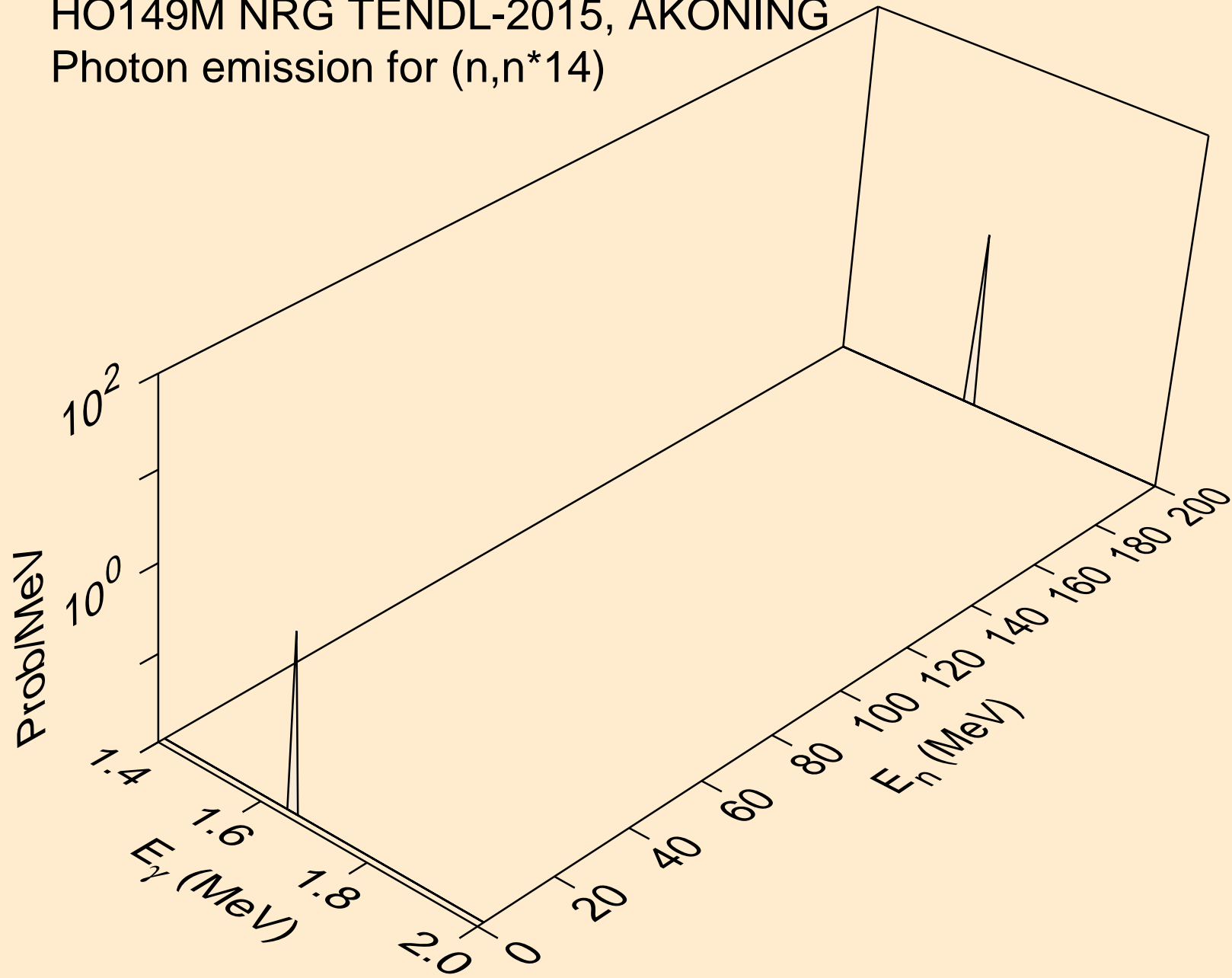
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Photon emission for (n,n\*12)



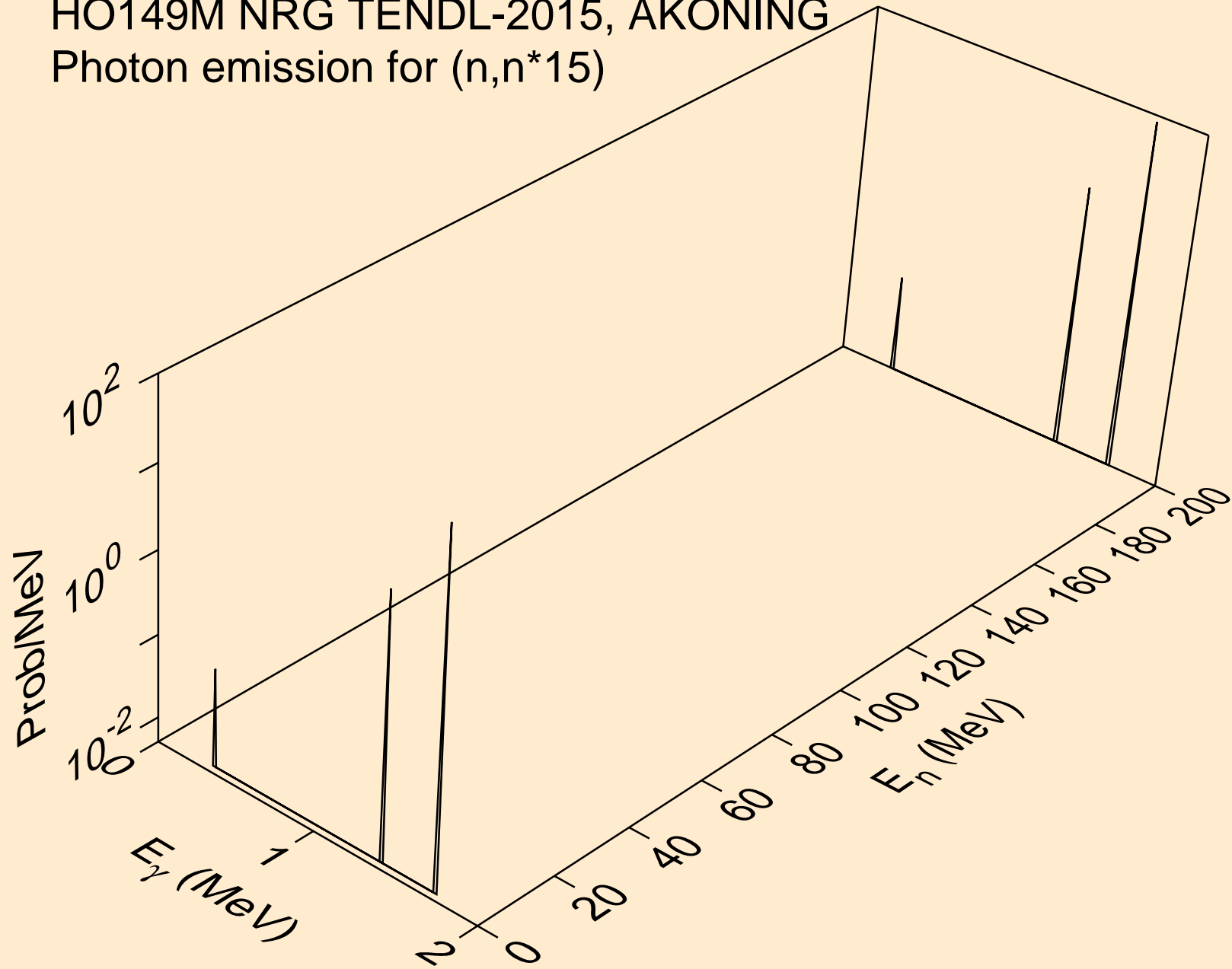
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Photon emission for (n,n\*13)



HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*14)

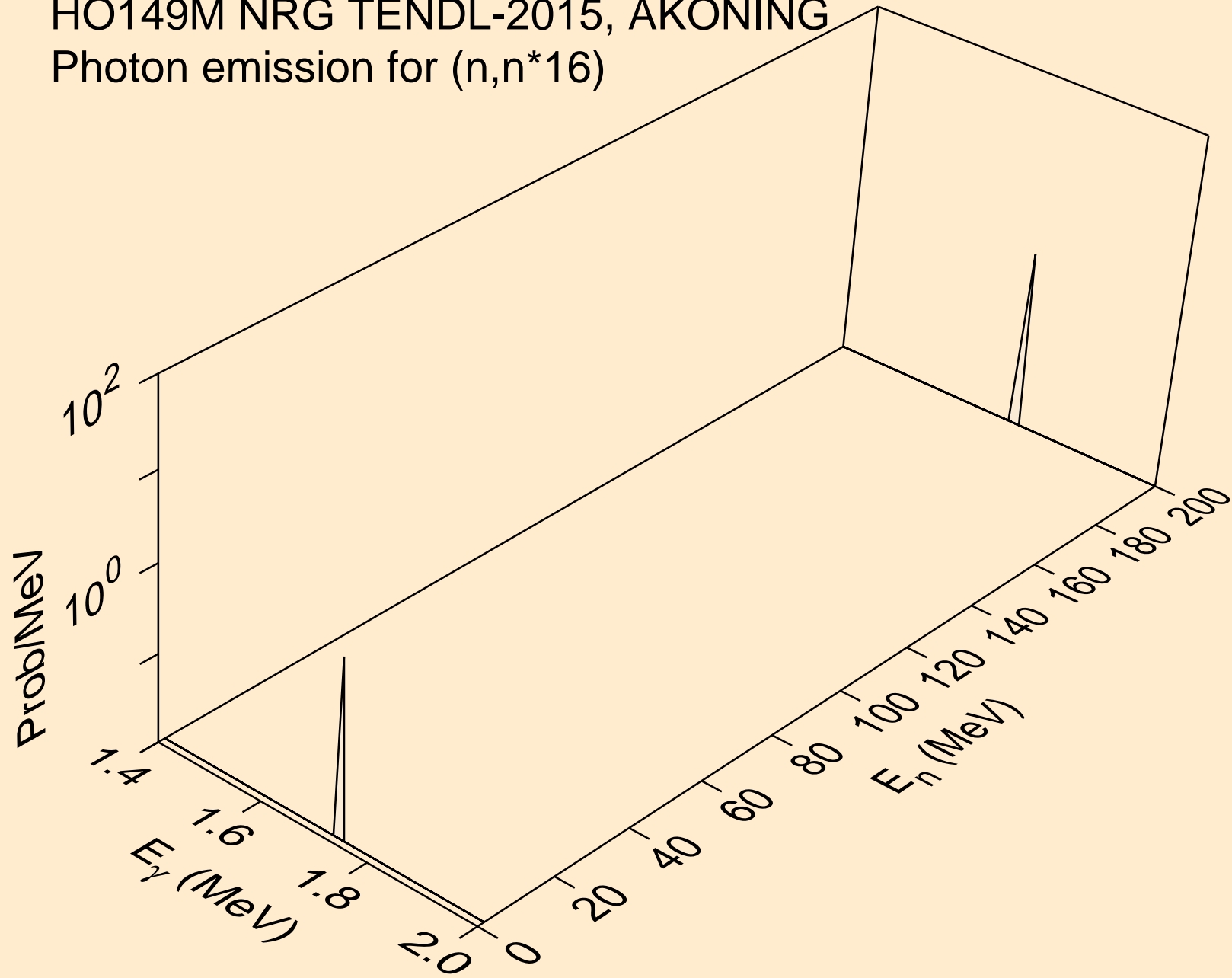


HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)

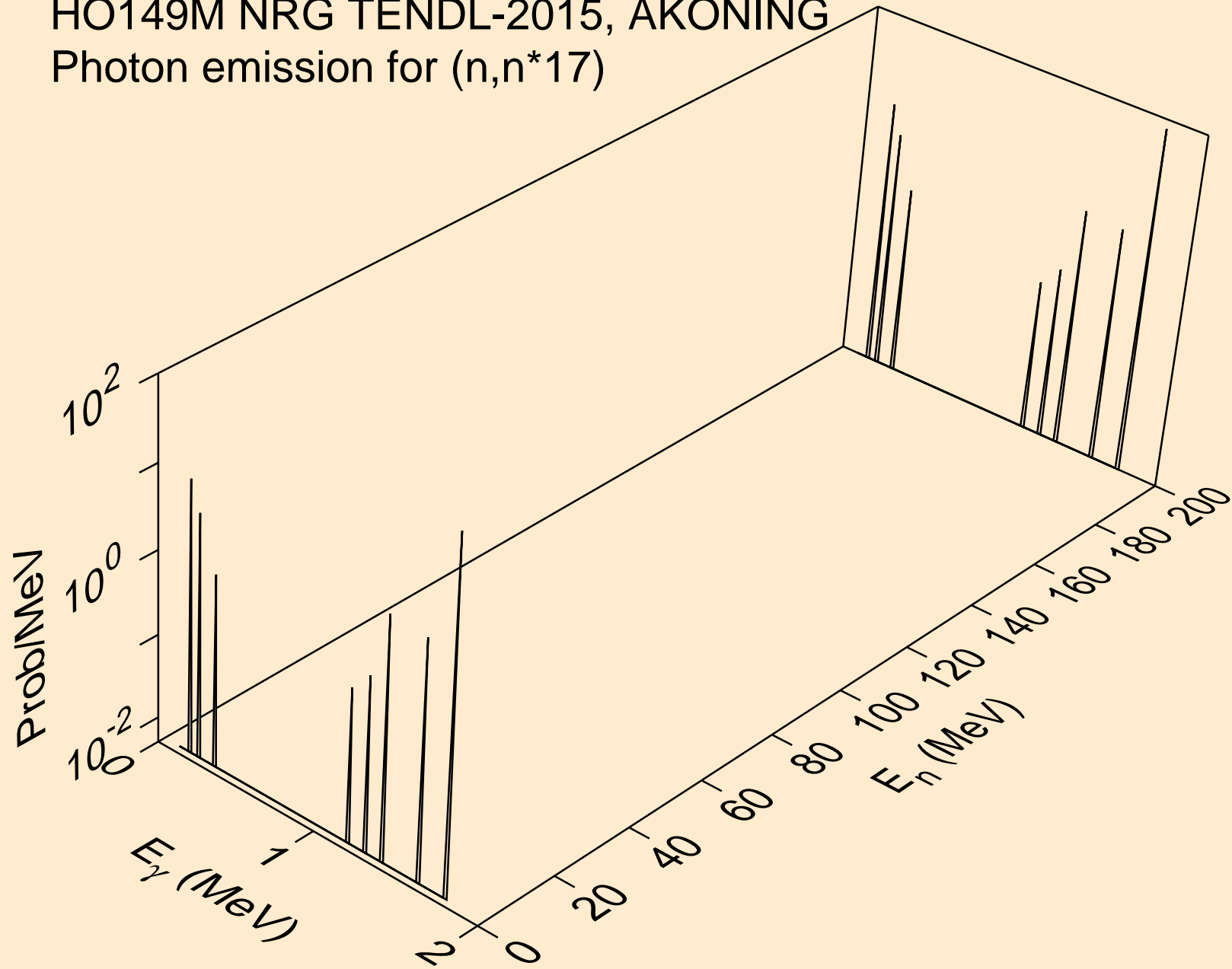




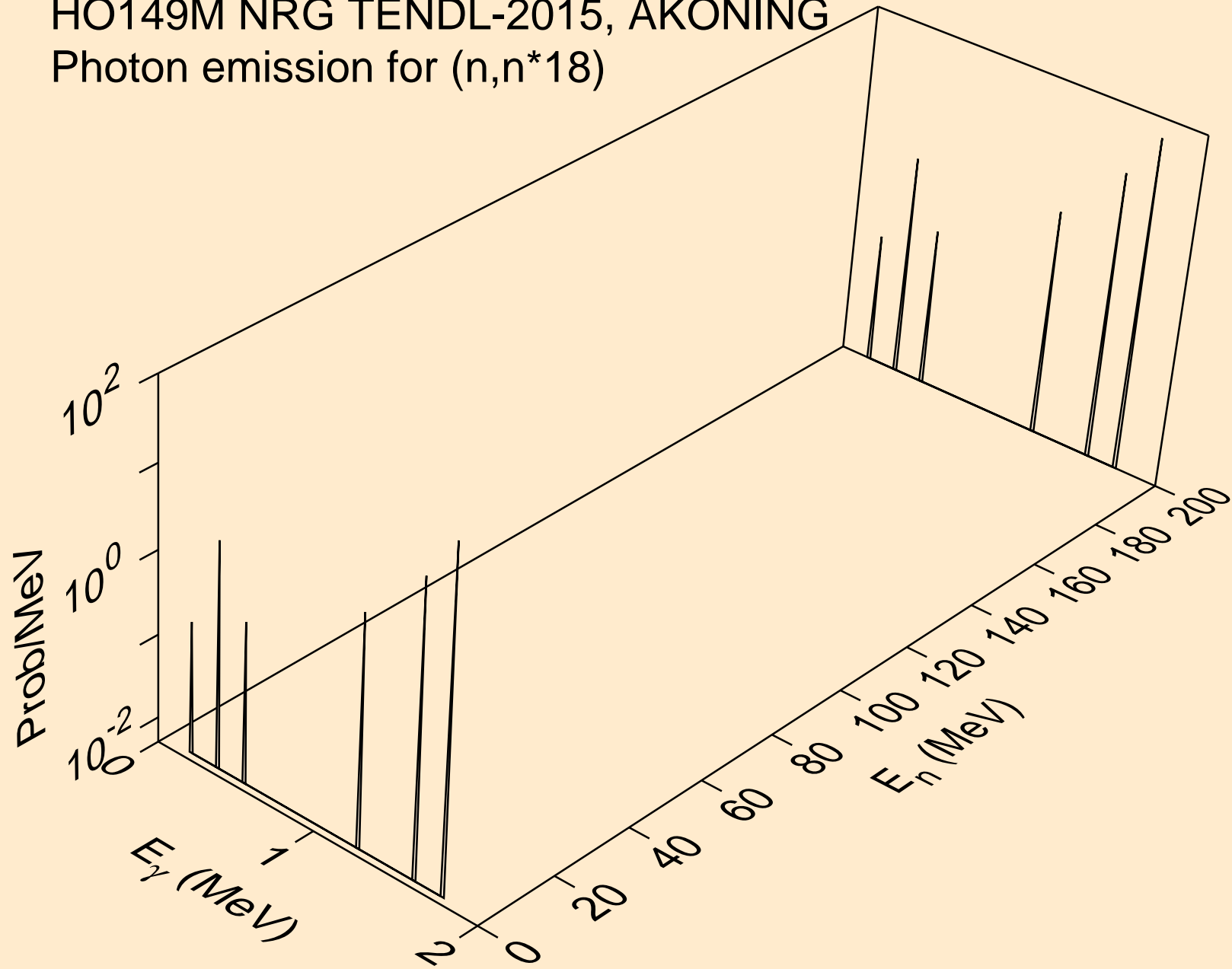
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Photon emission for (n,n\*16)



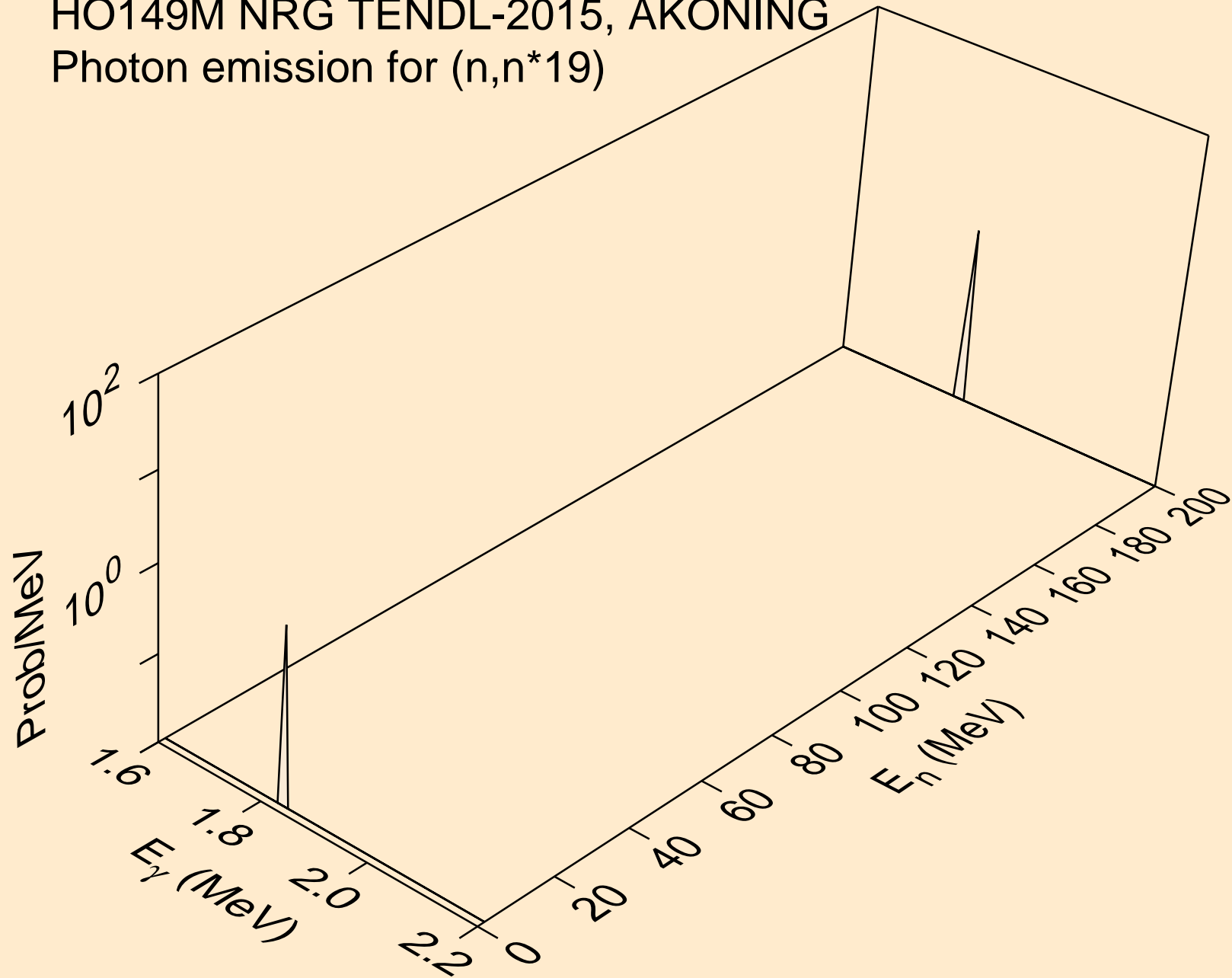
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Photon emission for (n,n\*17)



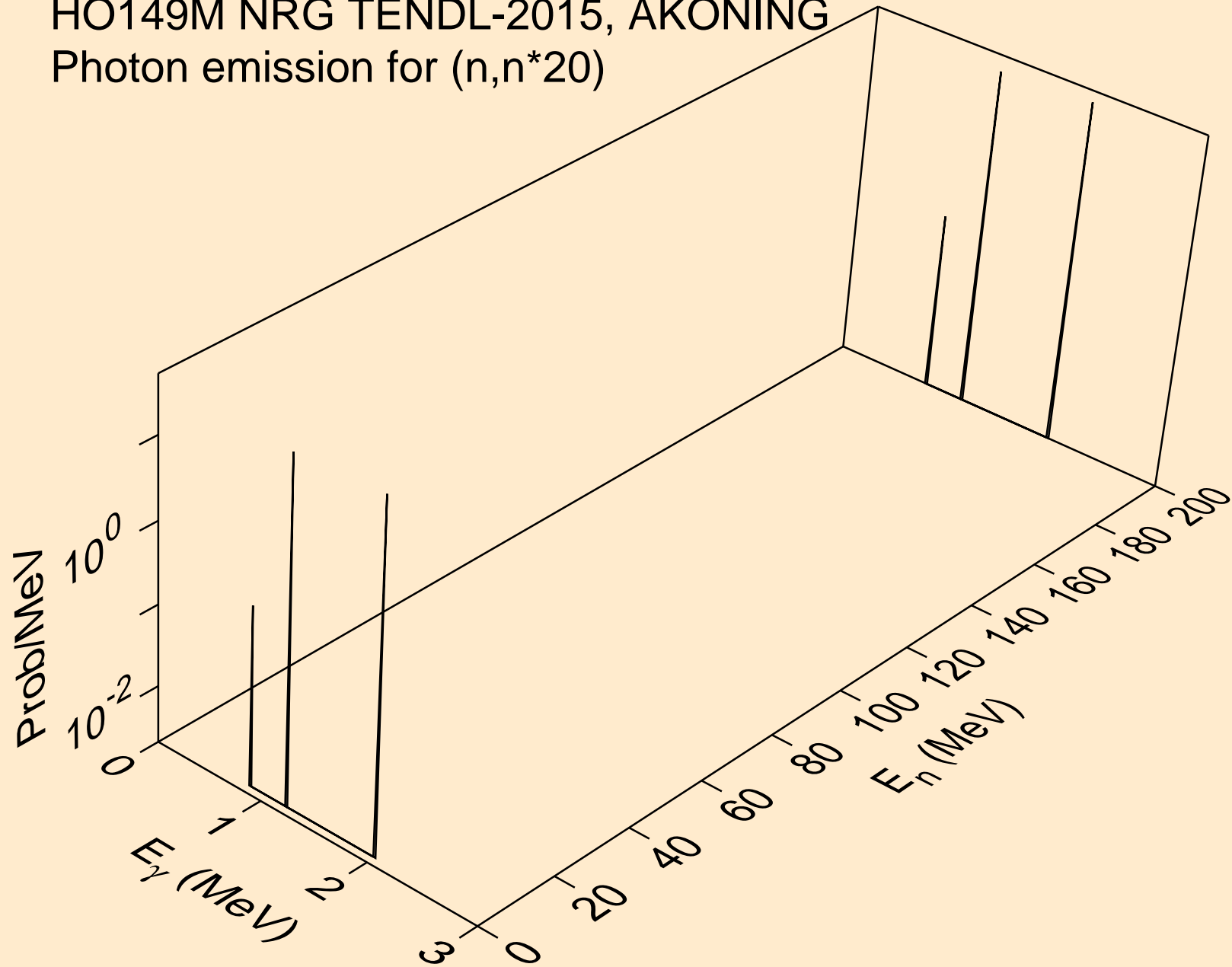
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Photon emission for (n,n\*18)



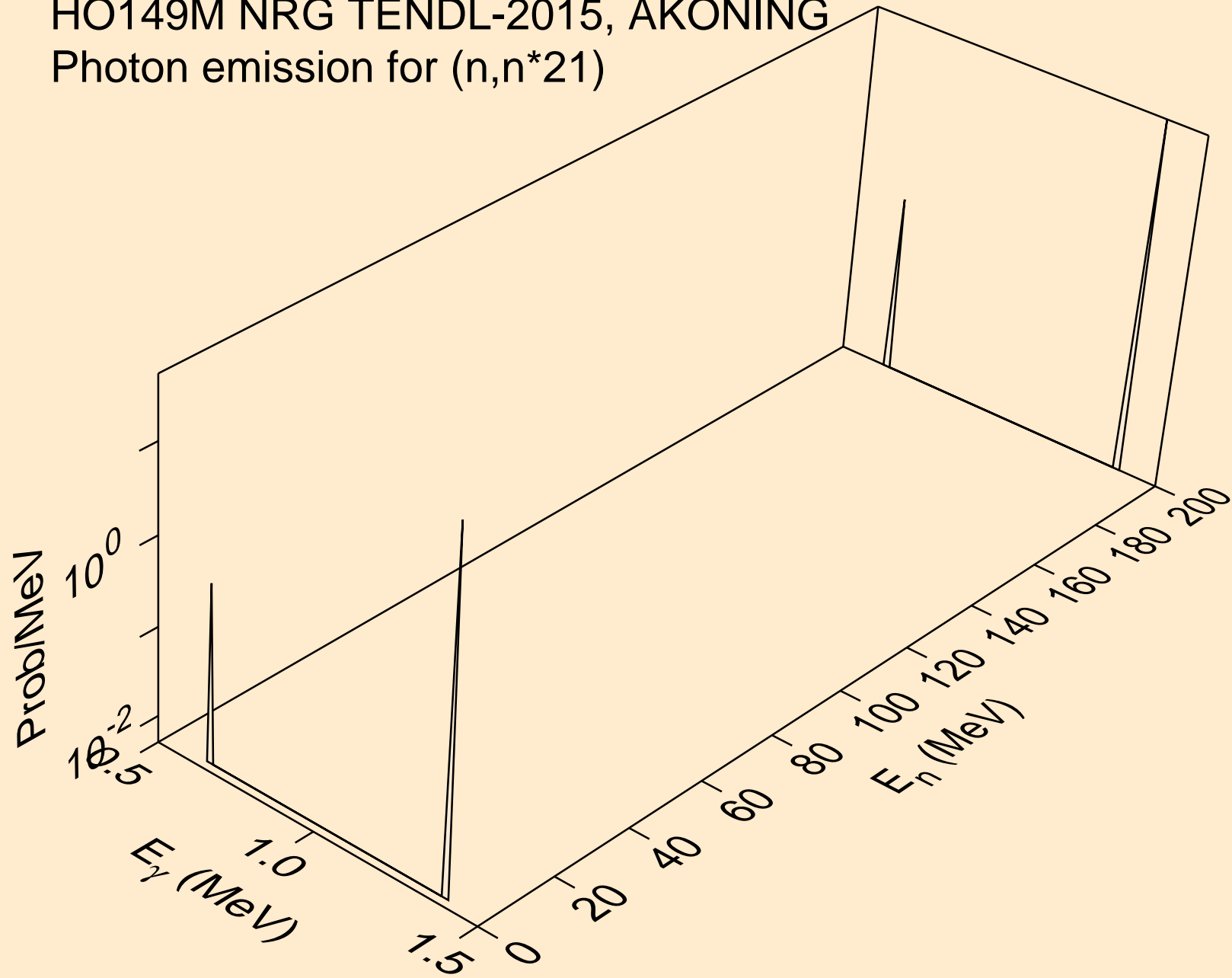
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Photon emission for (n,n\*19)



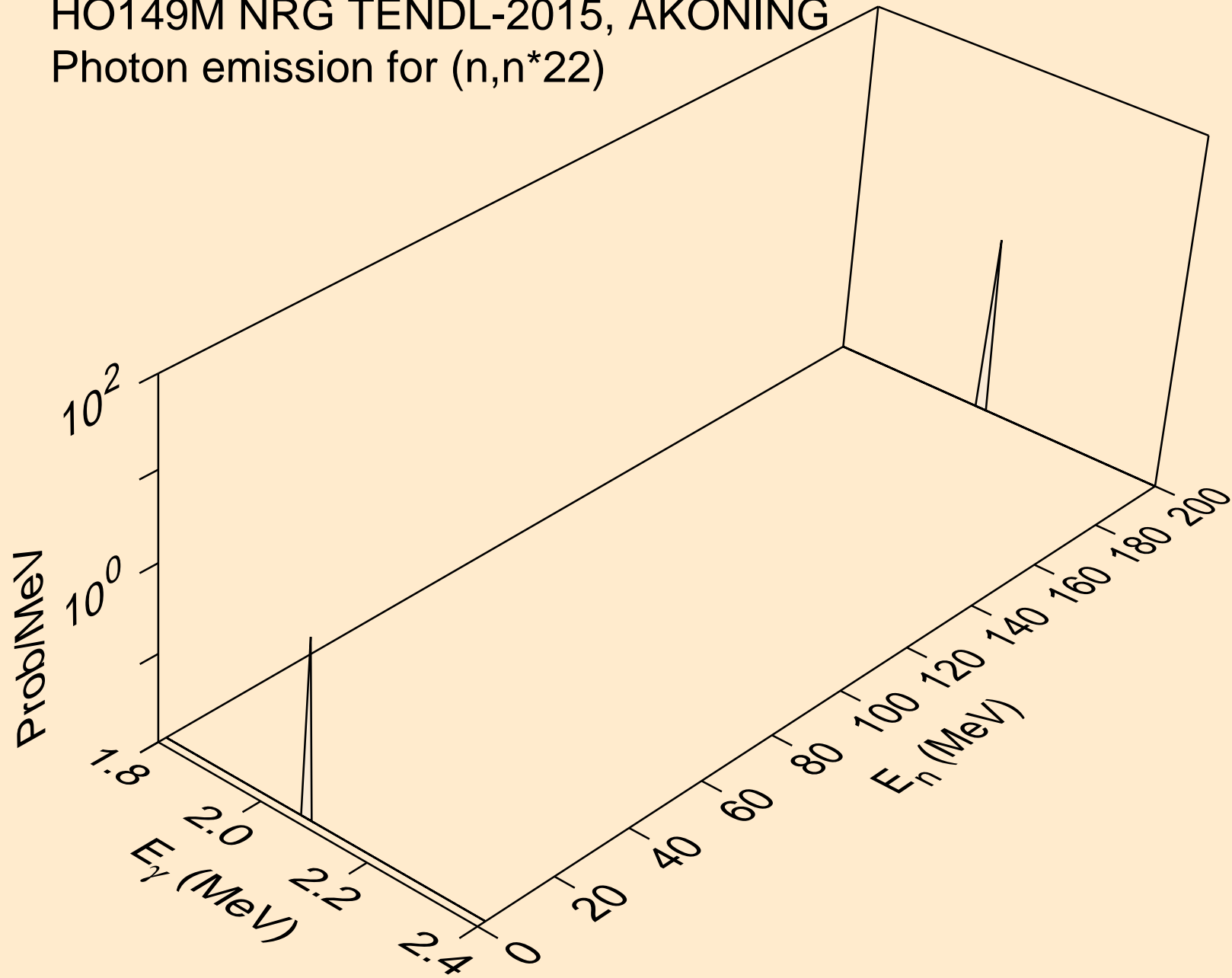
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Photon emission for (n,n\*20)



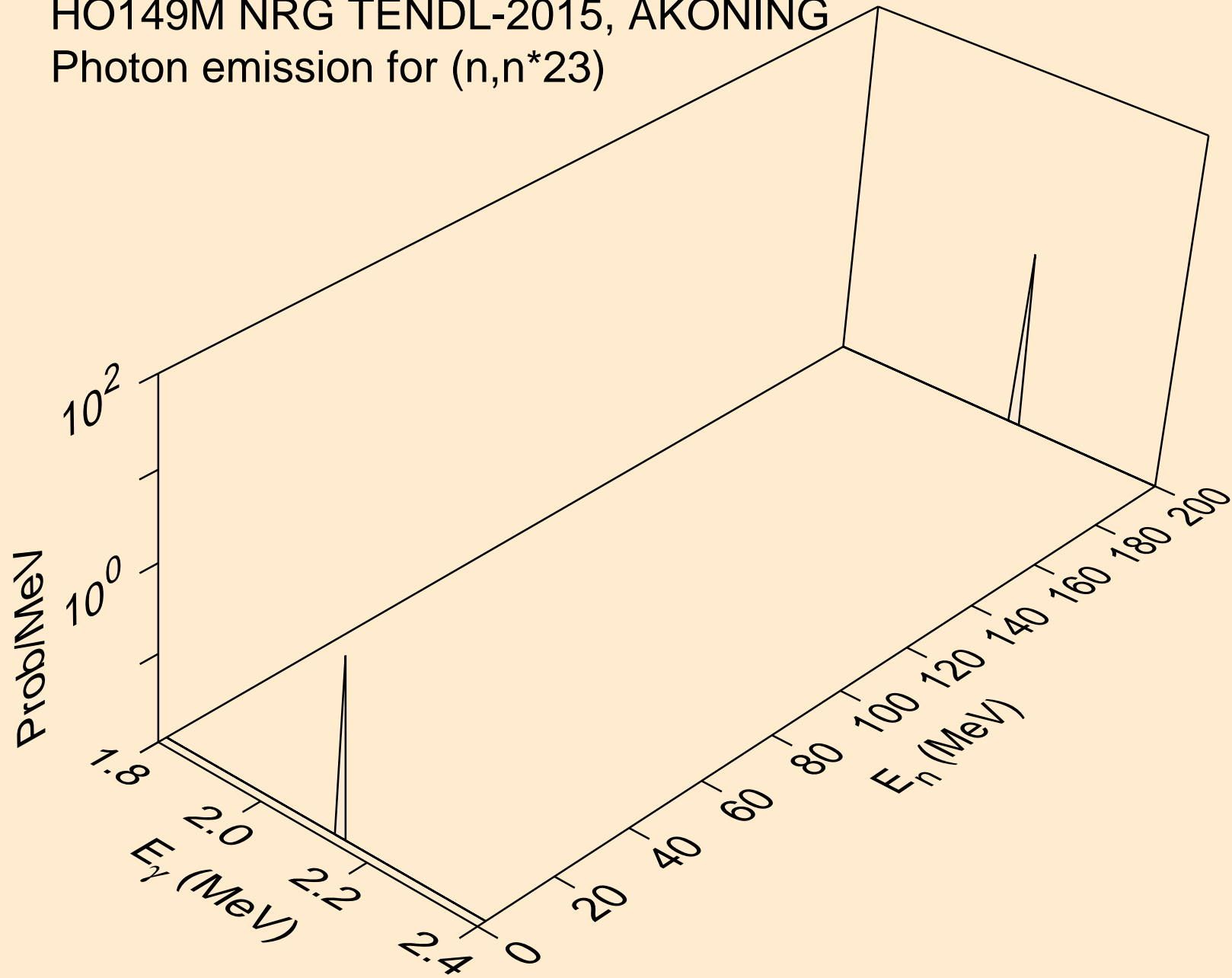
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Photon emission for (n,n\*21)



HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*22)

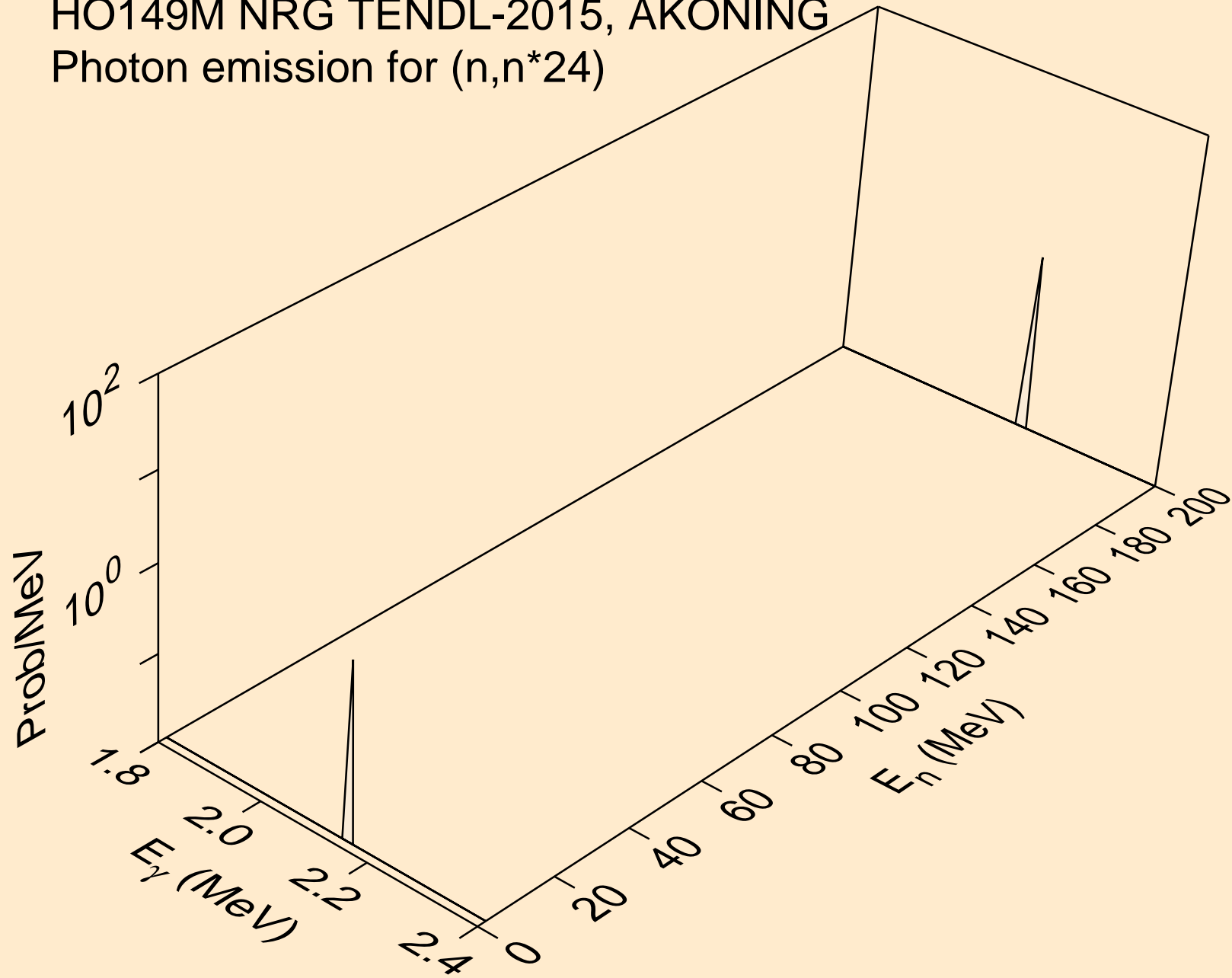


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Photon emission for (n,n\*23)

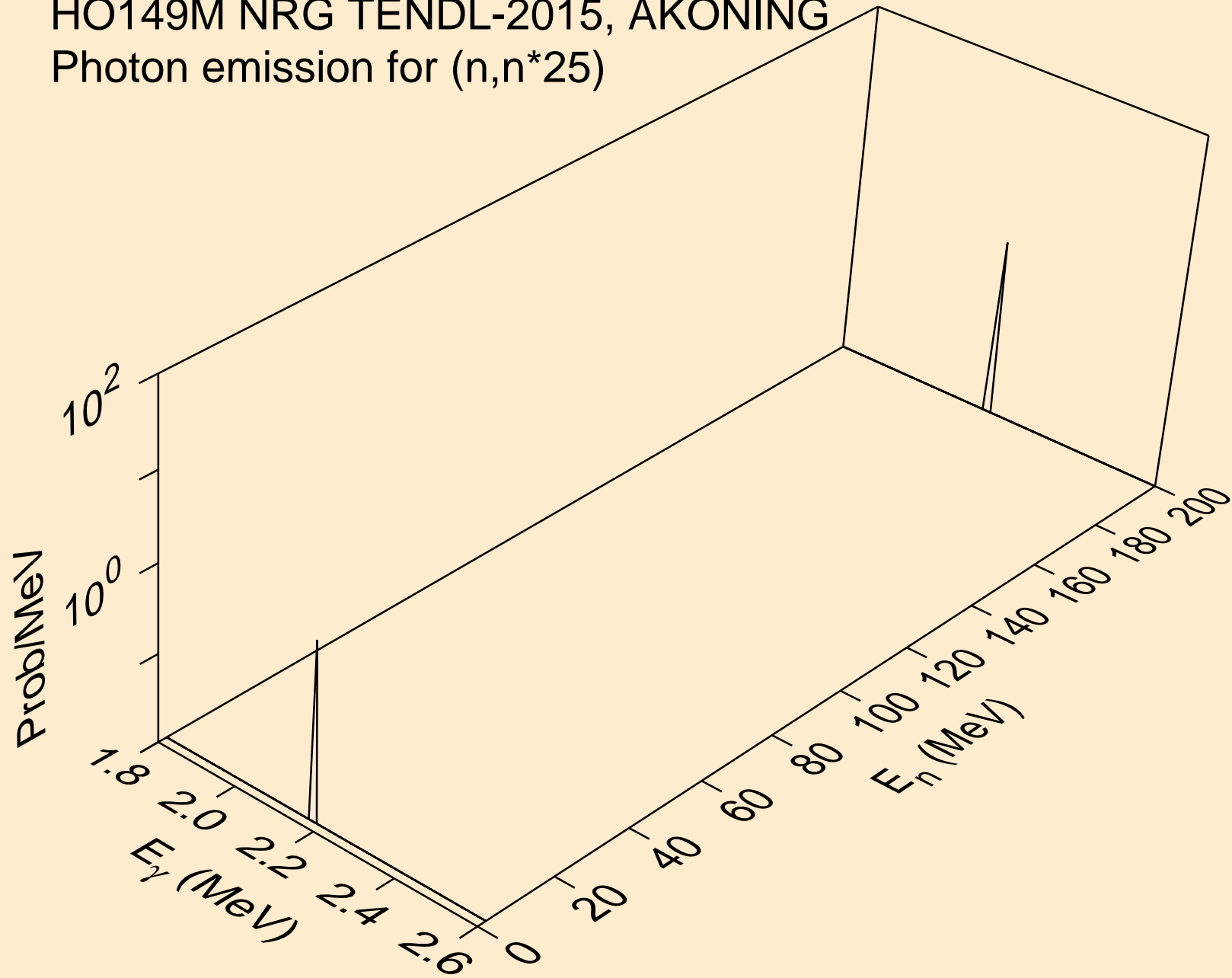




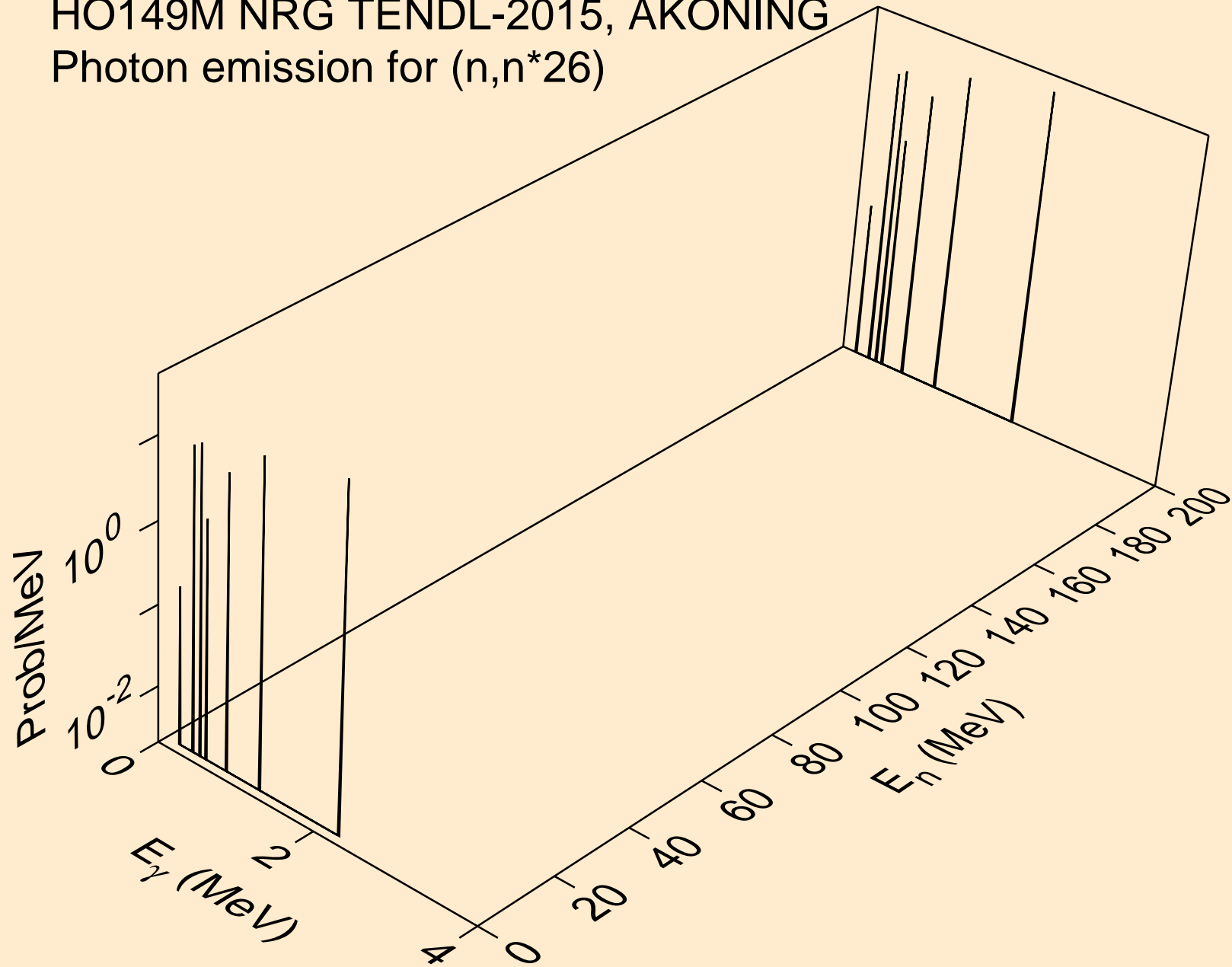
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Photon emission for (n,n\*24)



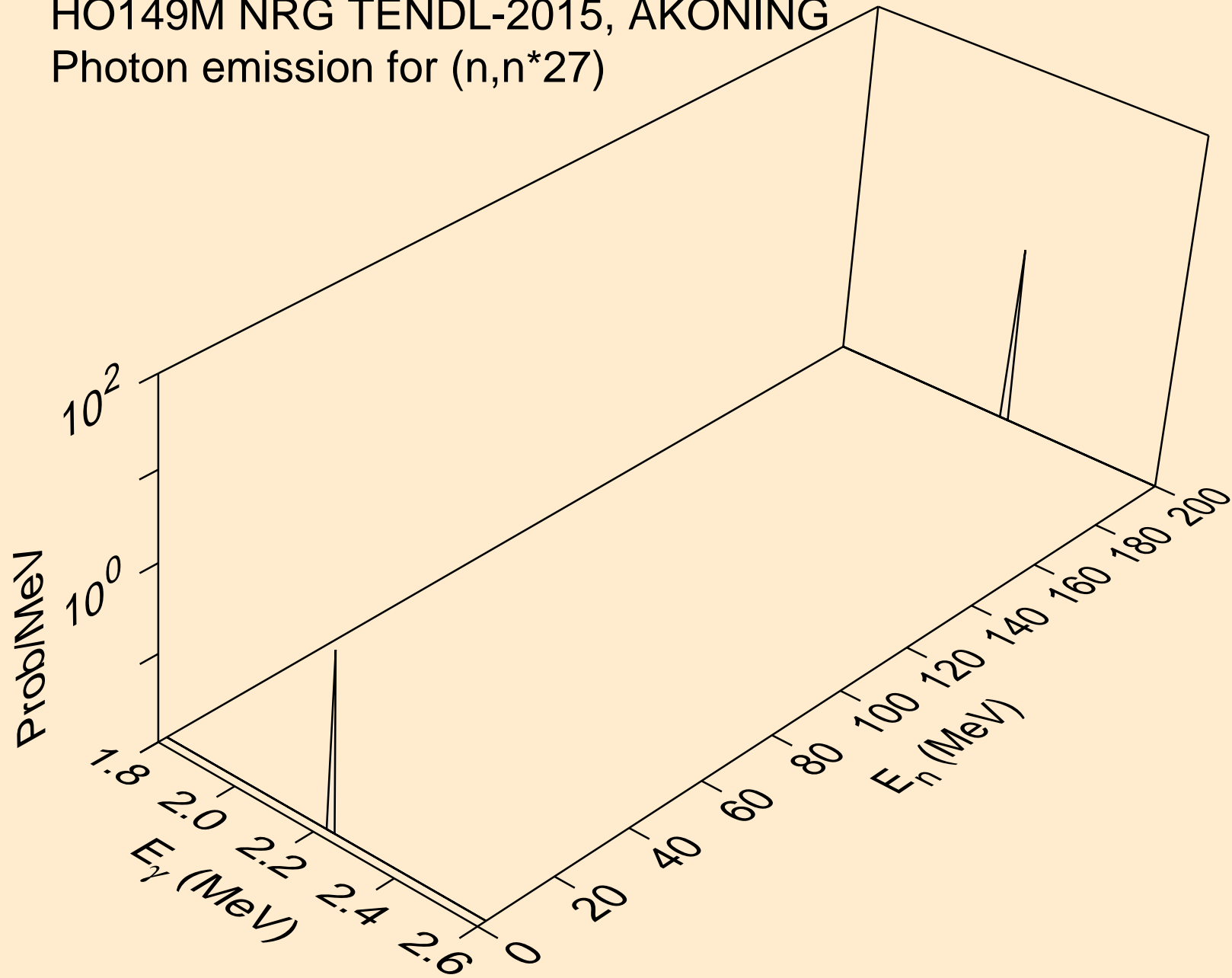
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Photon emission for (n,n\*25)



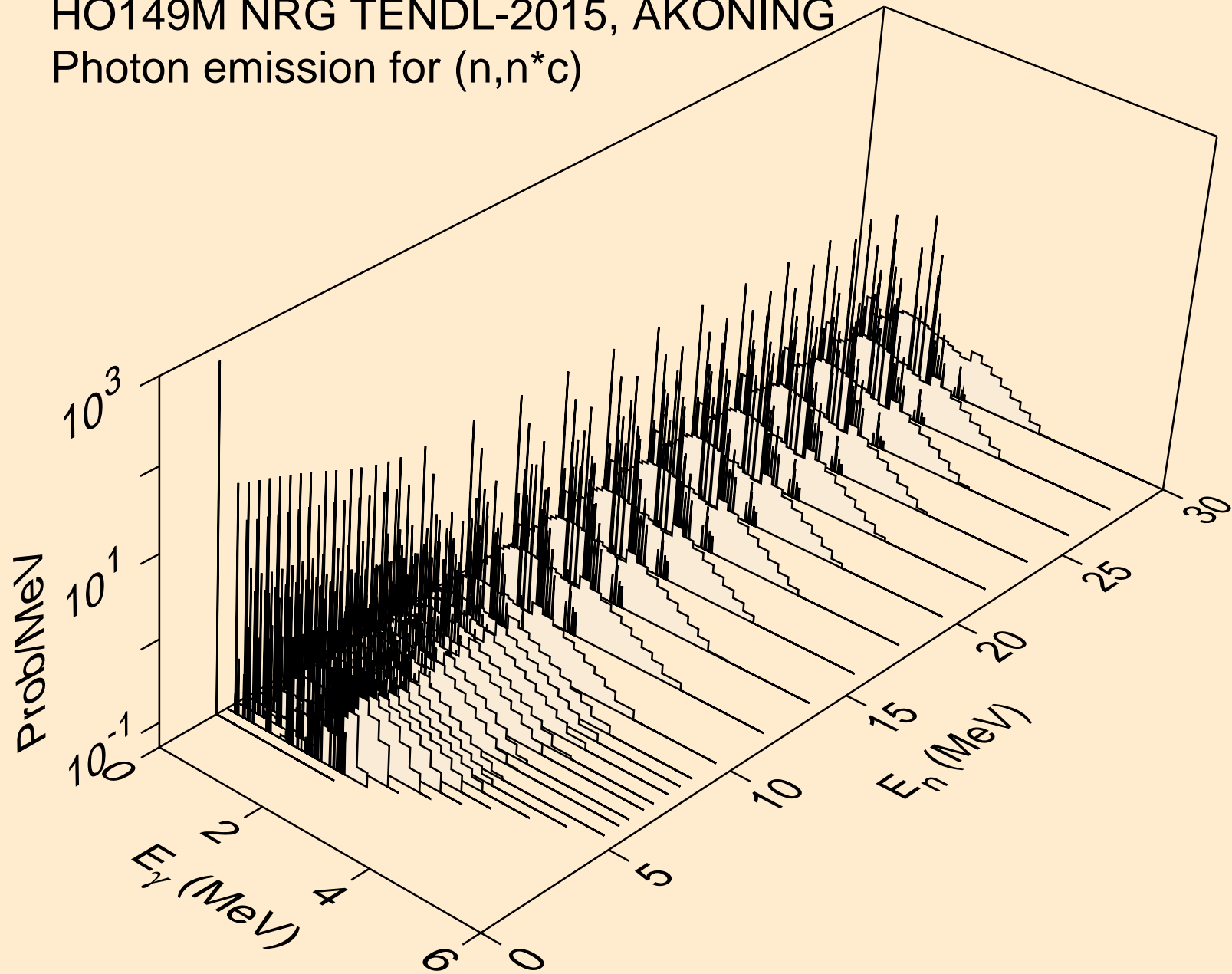
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Photon emission for (n,n\*26)



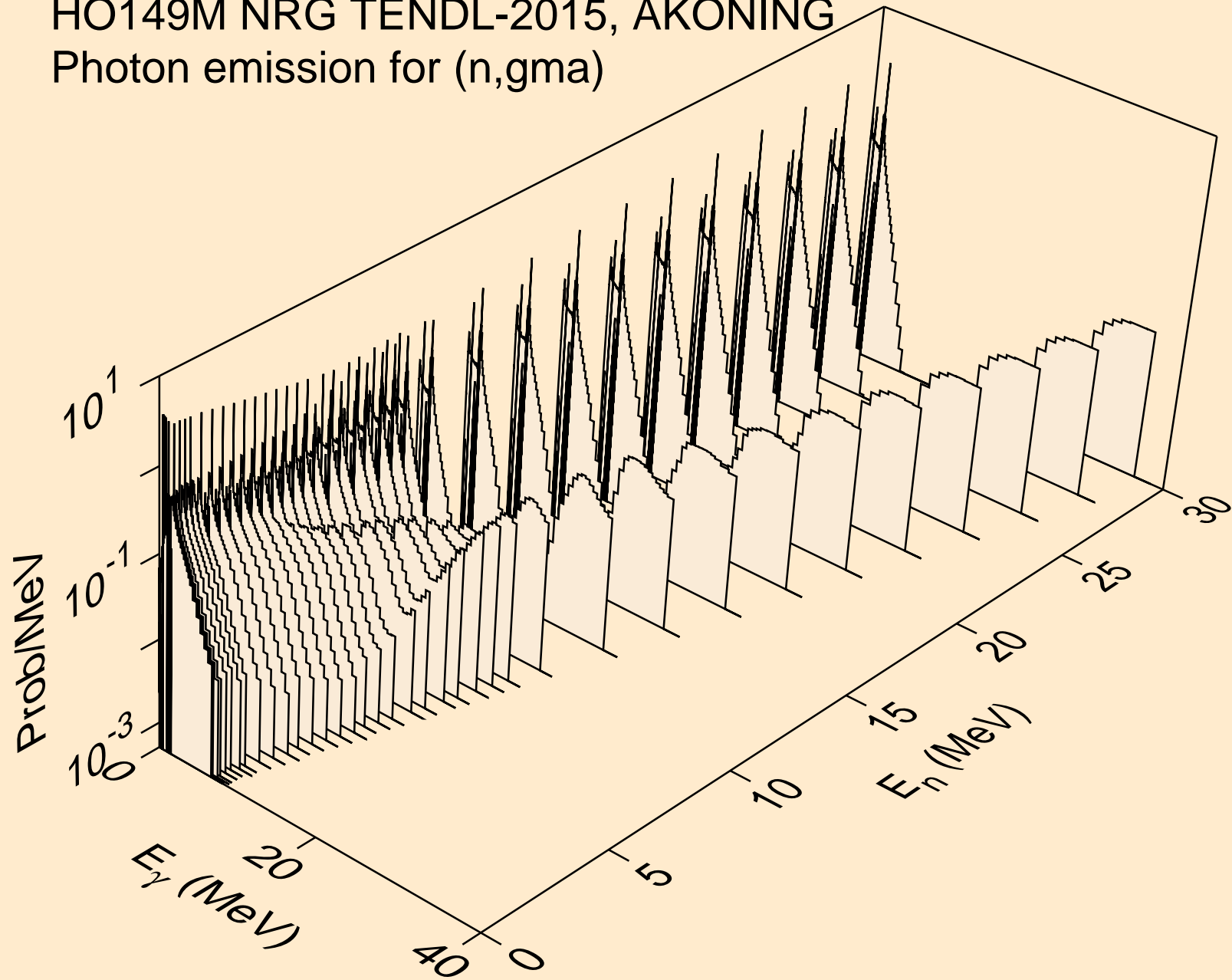
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Photon emission for (n,n\*27)



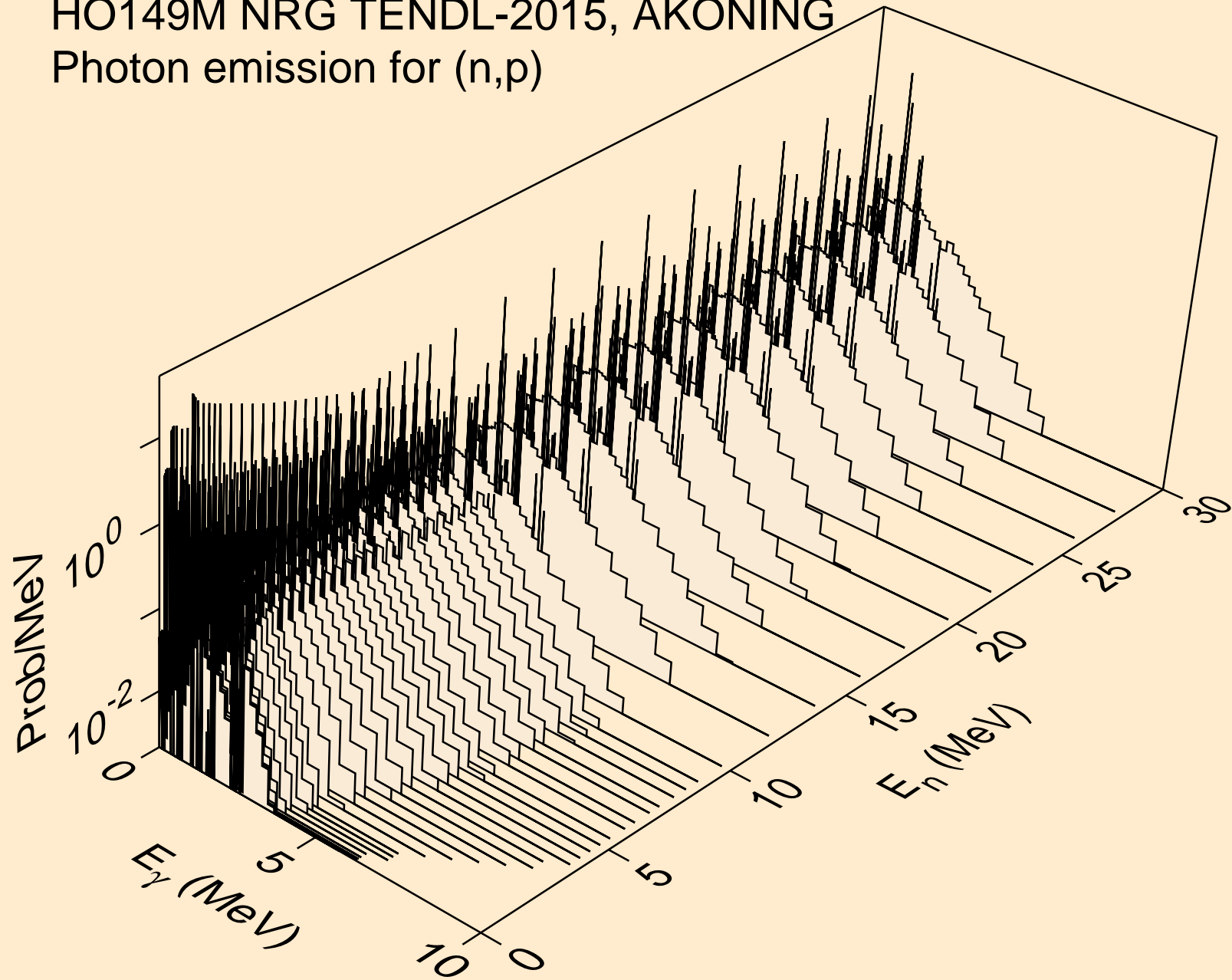
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Photon emission for (n,n\*c)



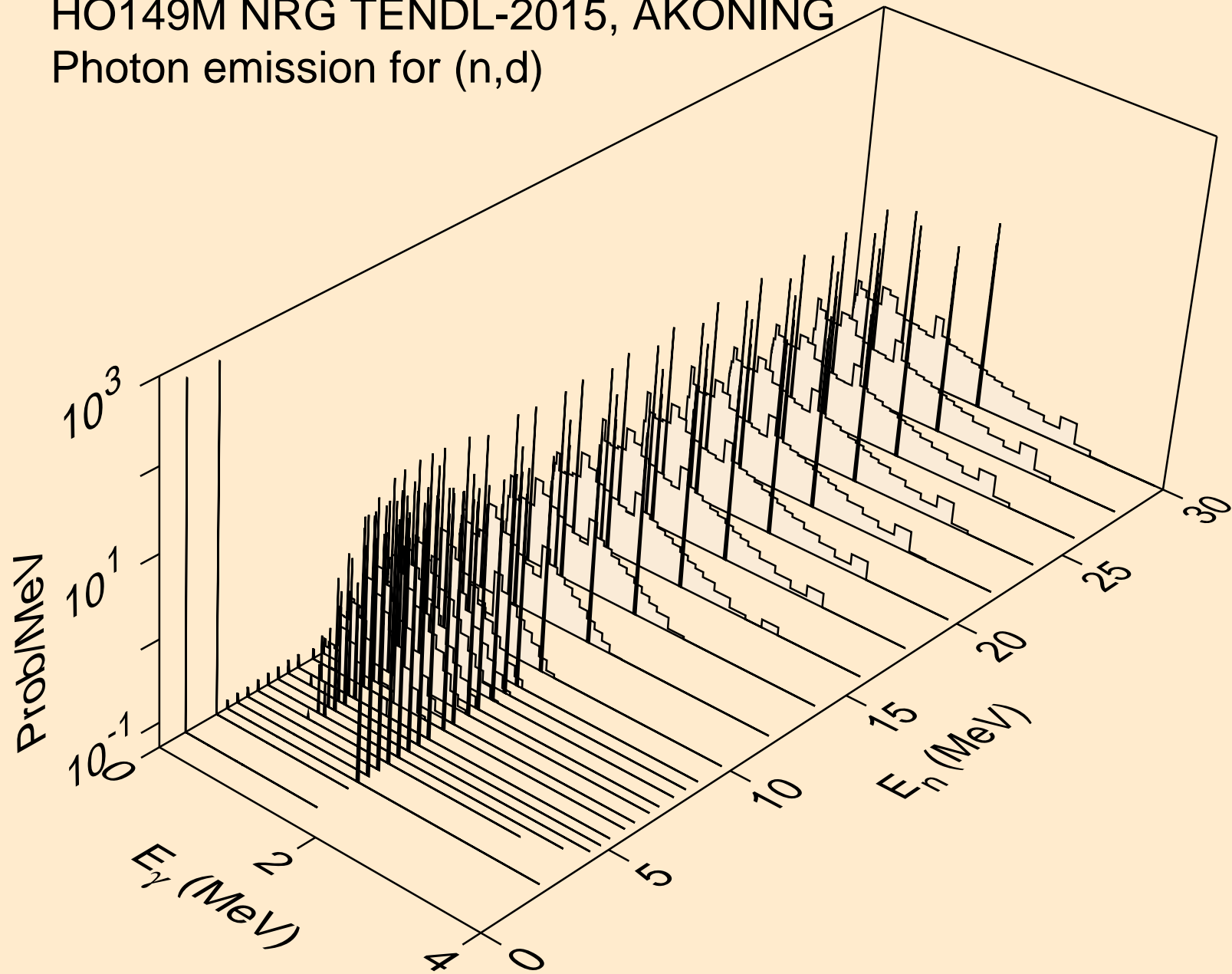
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Photon emission for (n,gma)



HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,p)

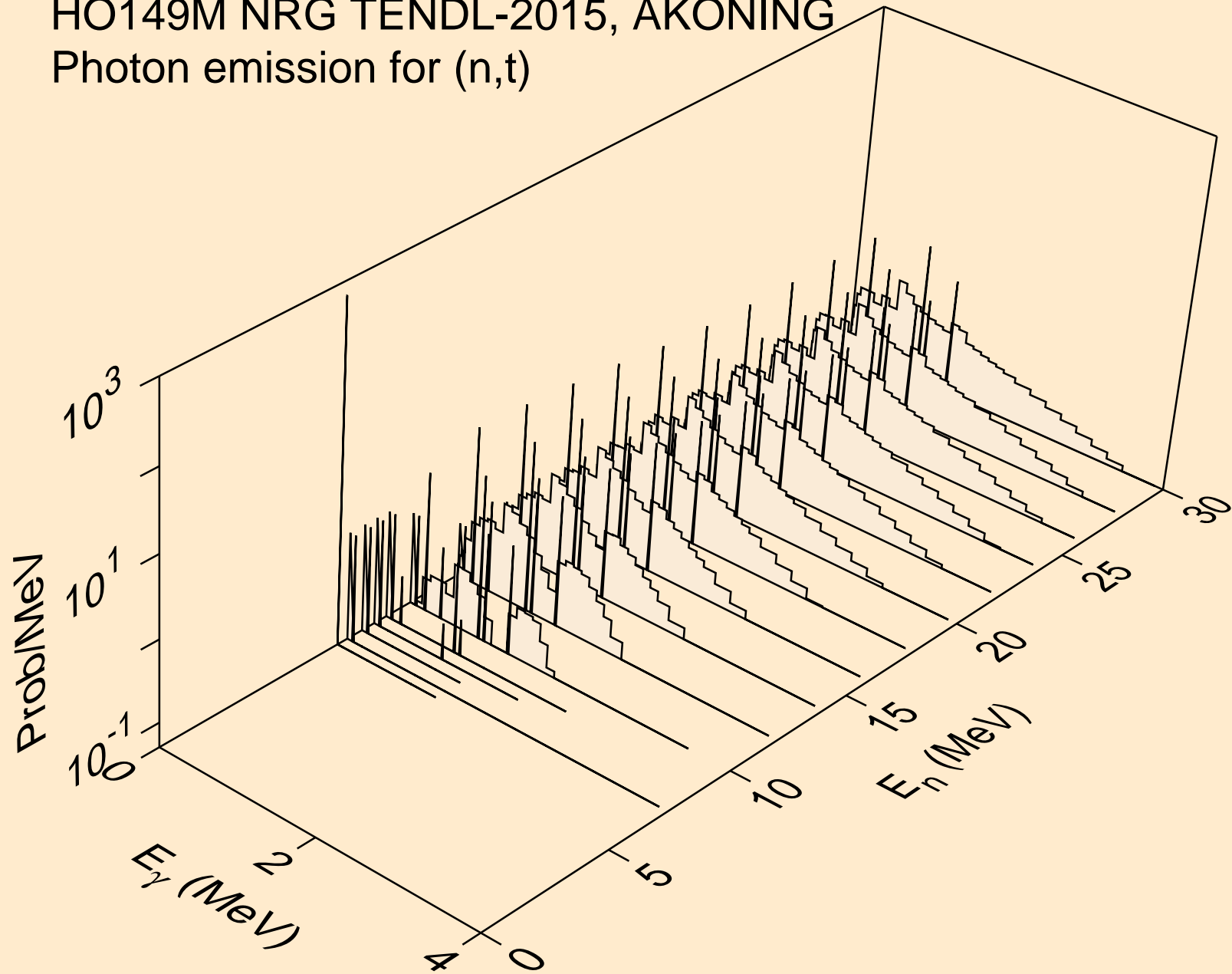


HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,d)

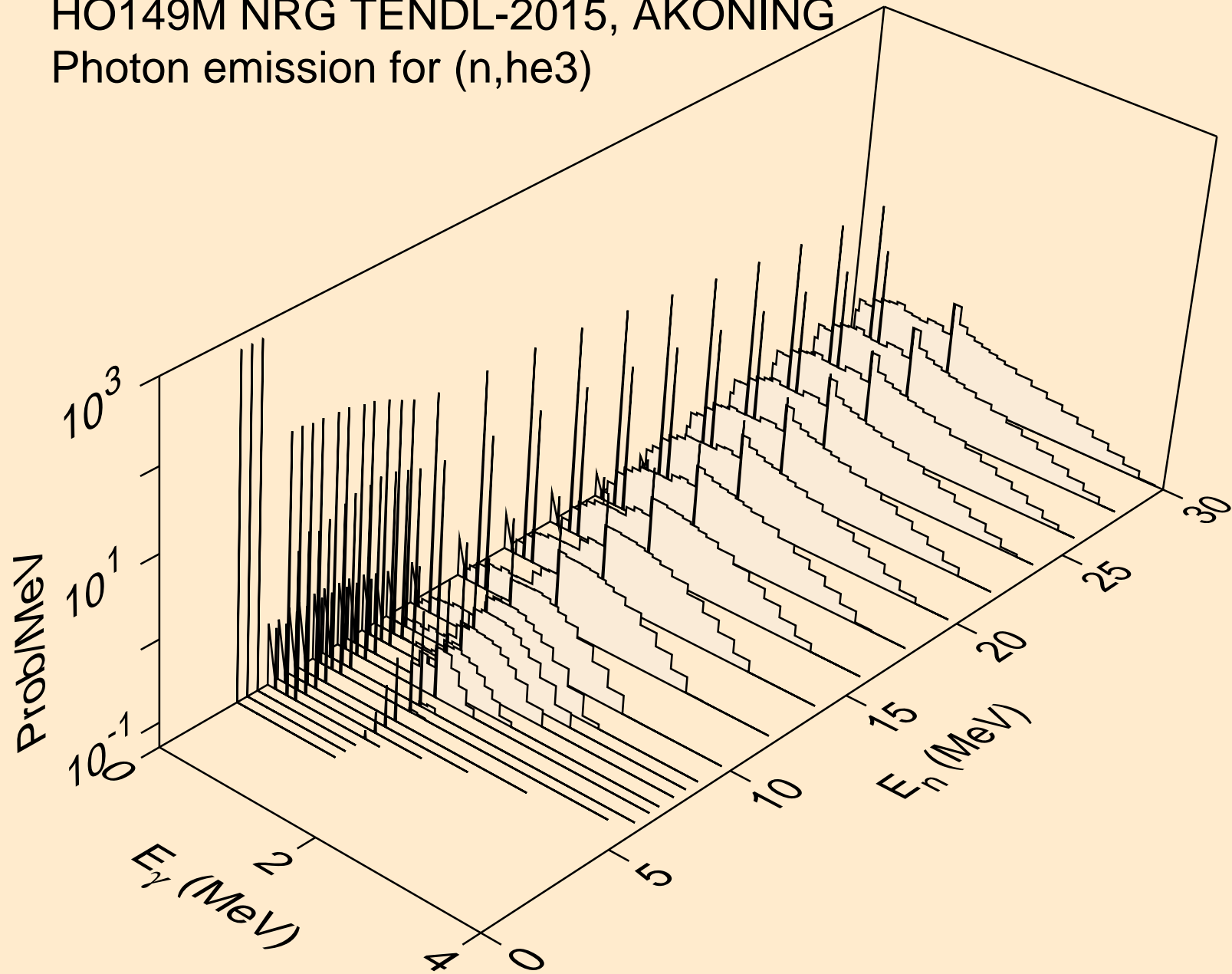




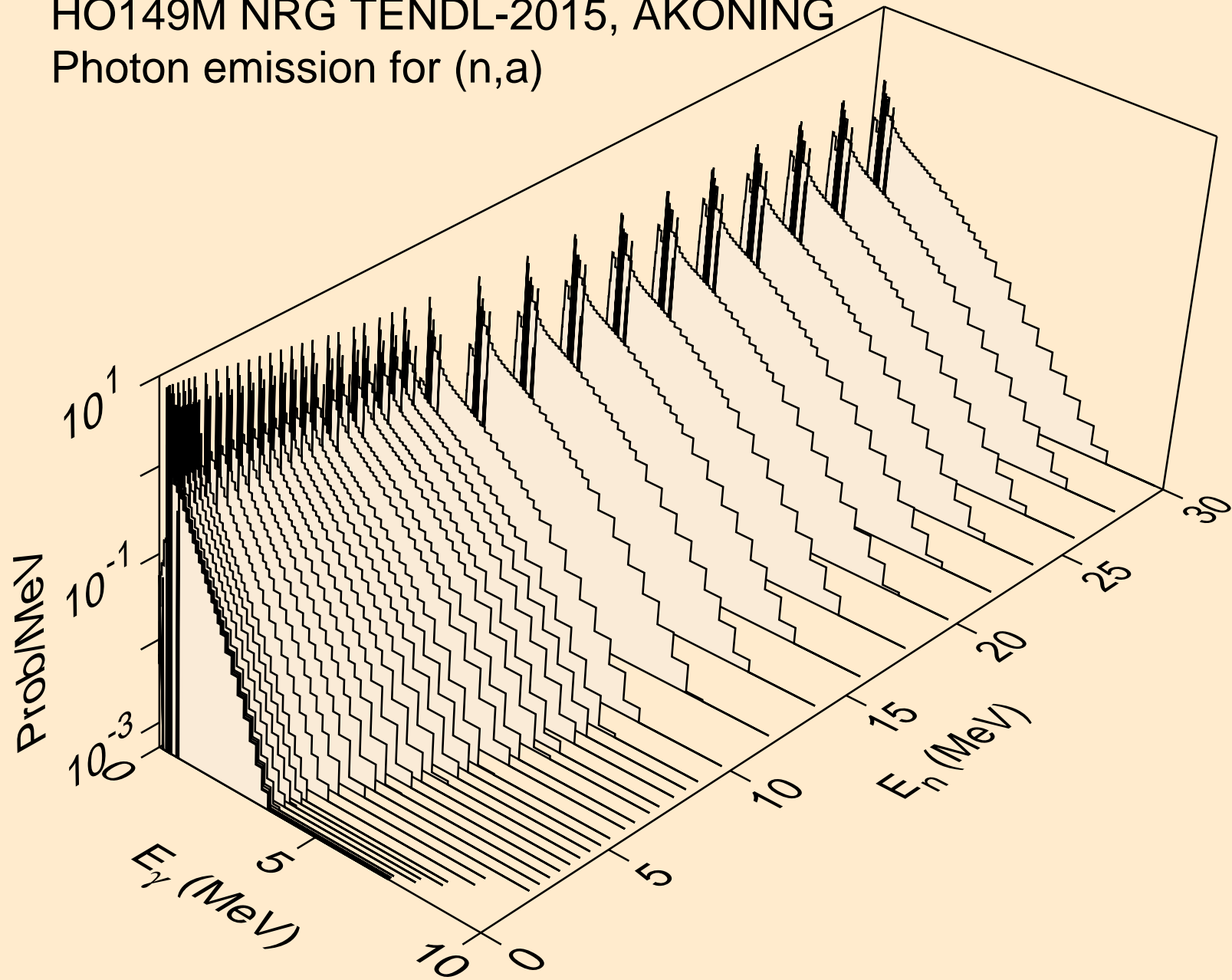
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Photon emission for (n,t)



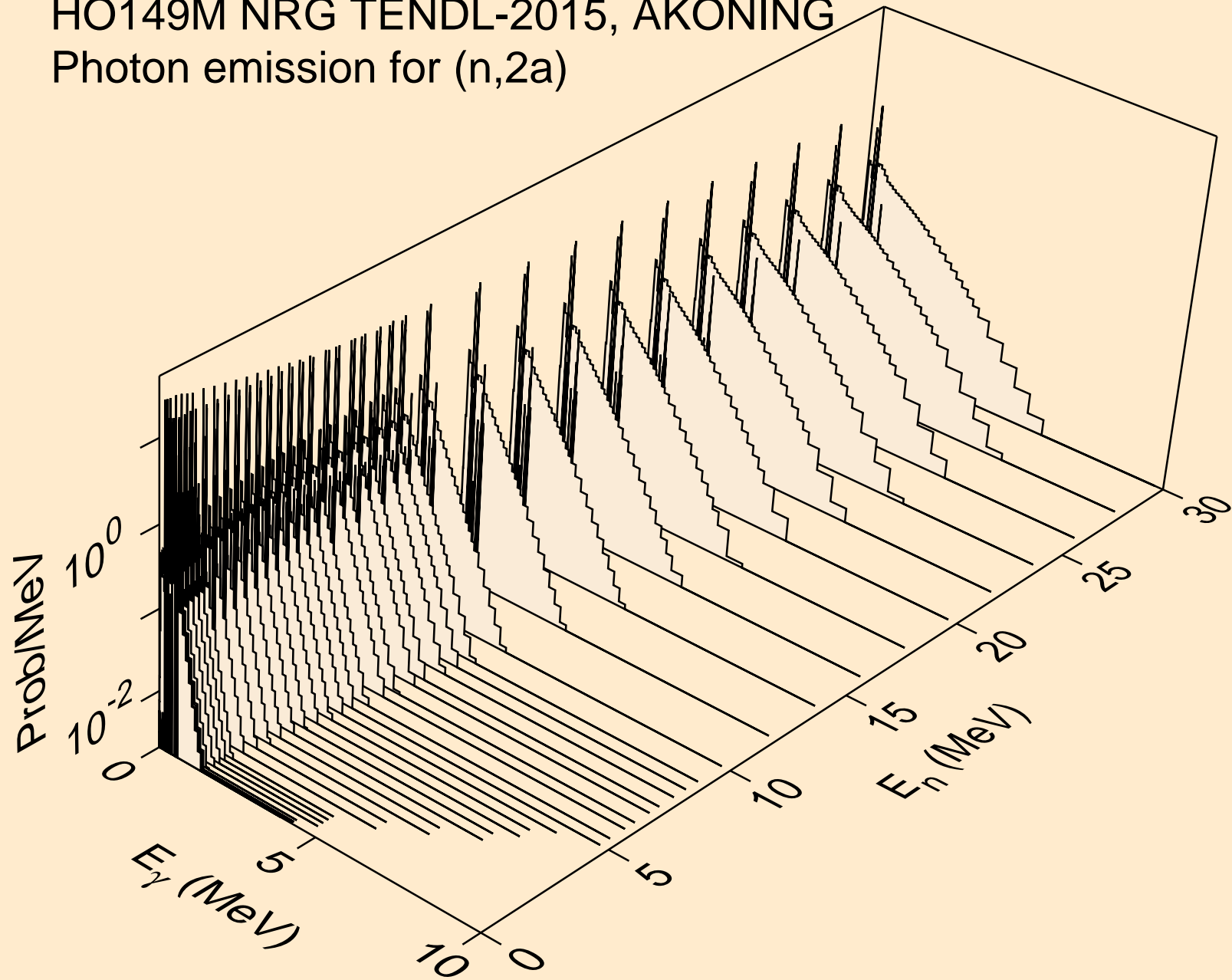
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Photon emission for (n,he3)



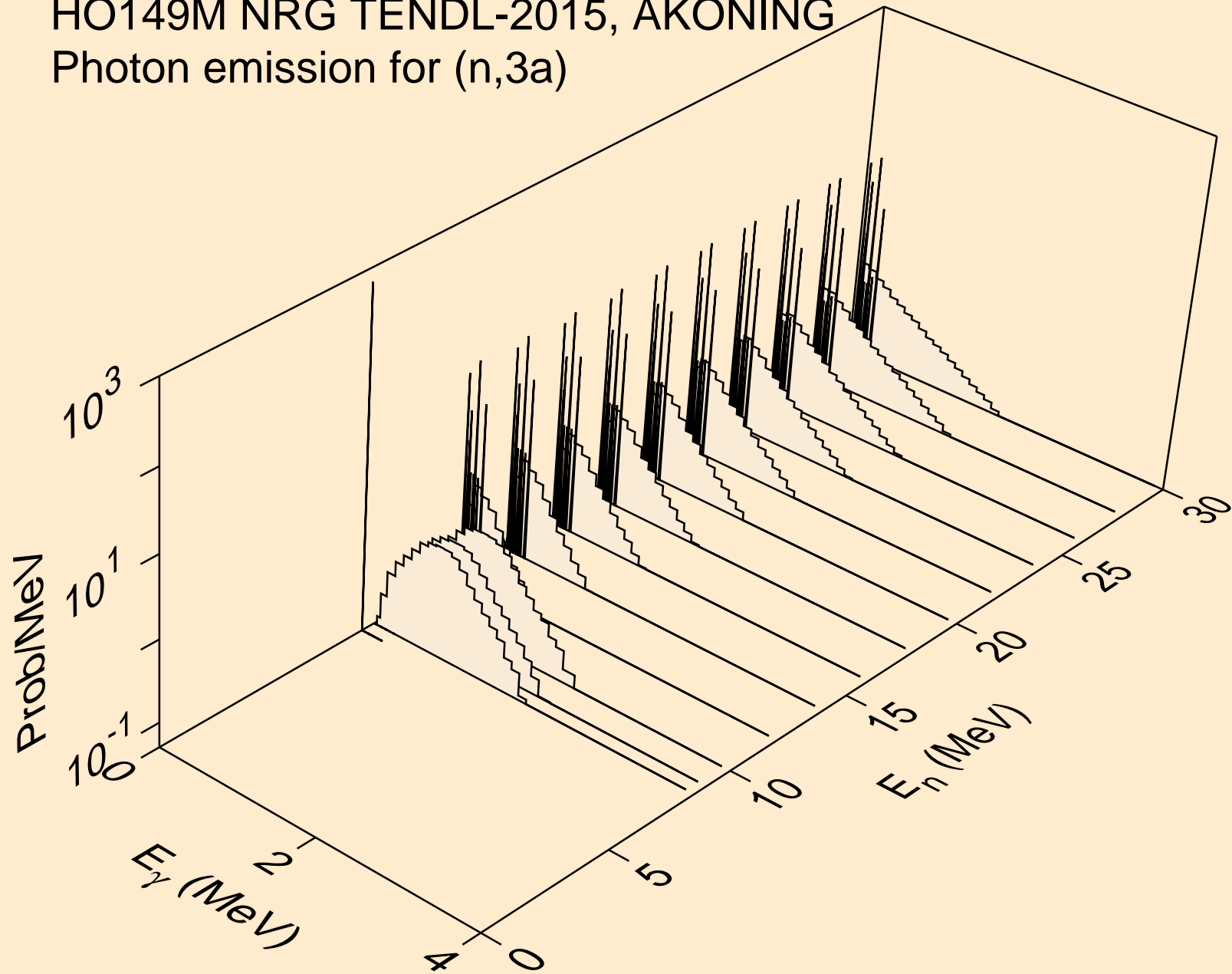
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Photon emission for (n,a)



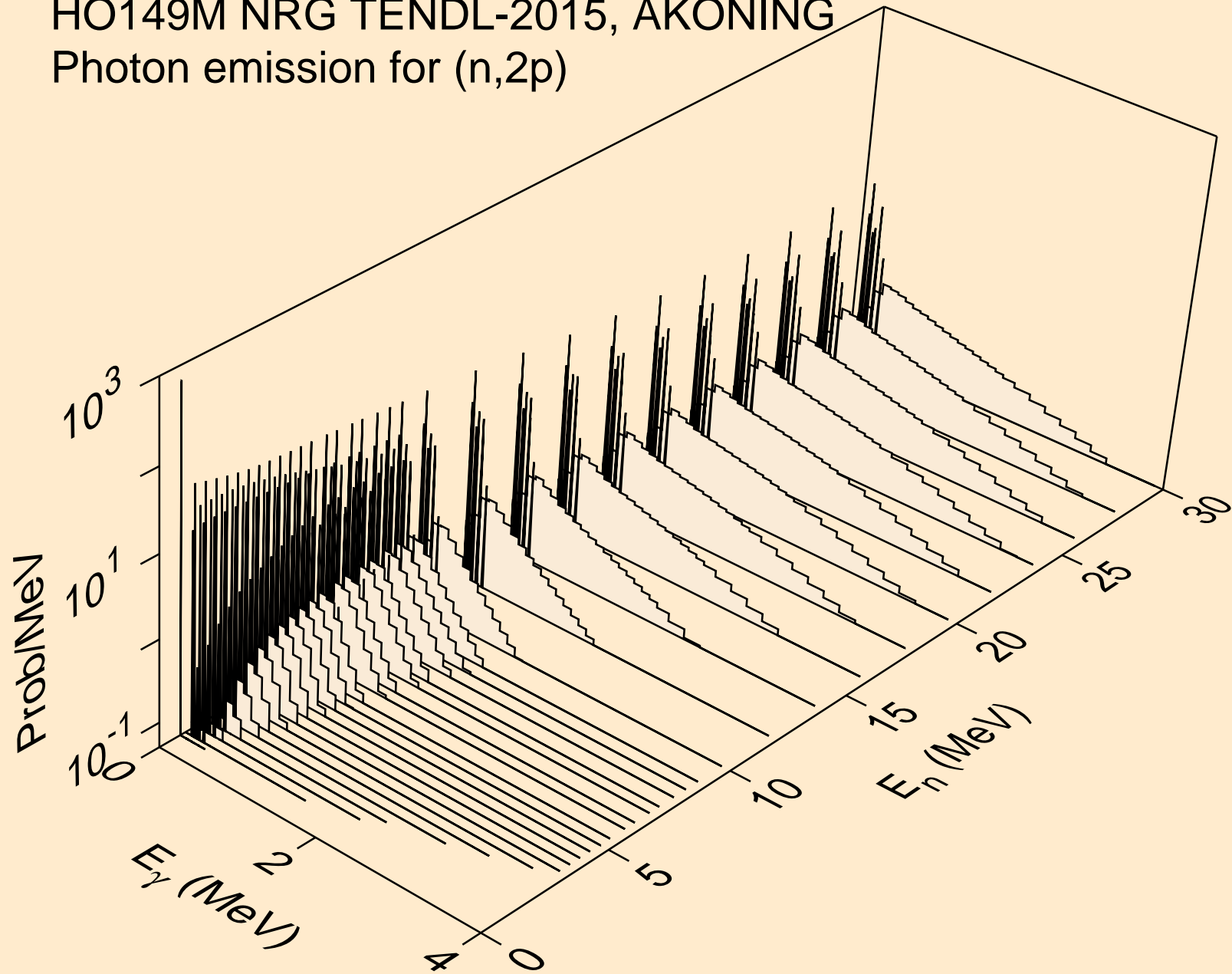
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Photon emission for (n,2a)



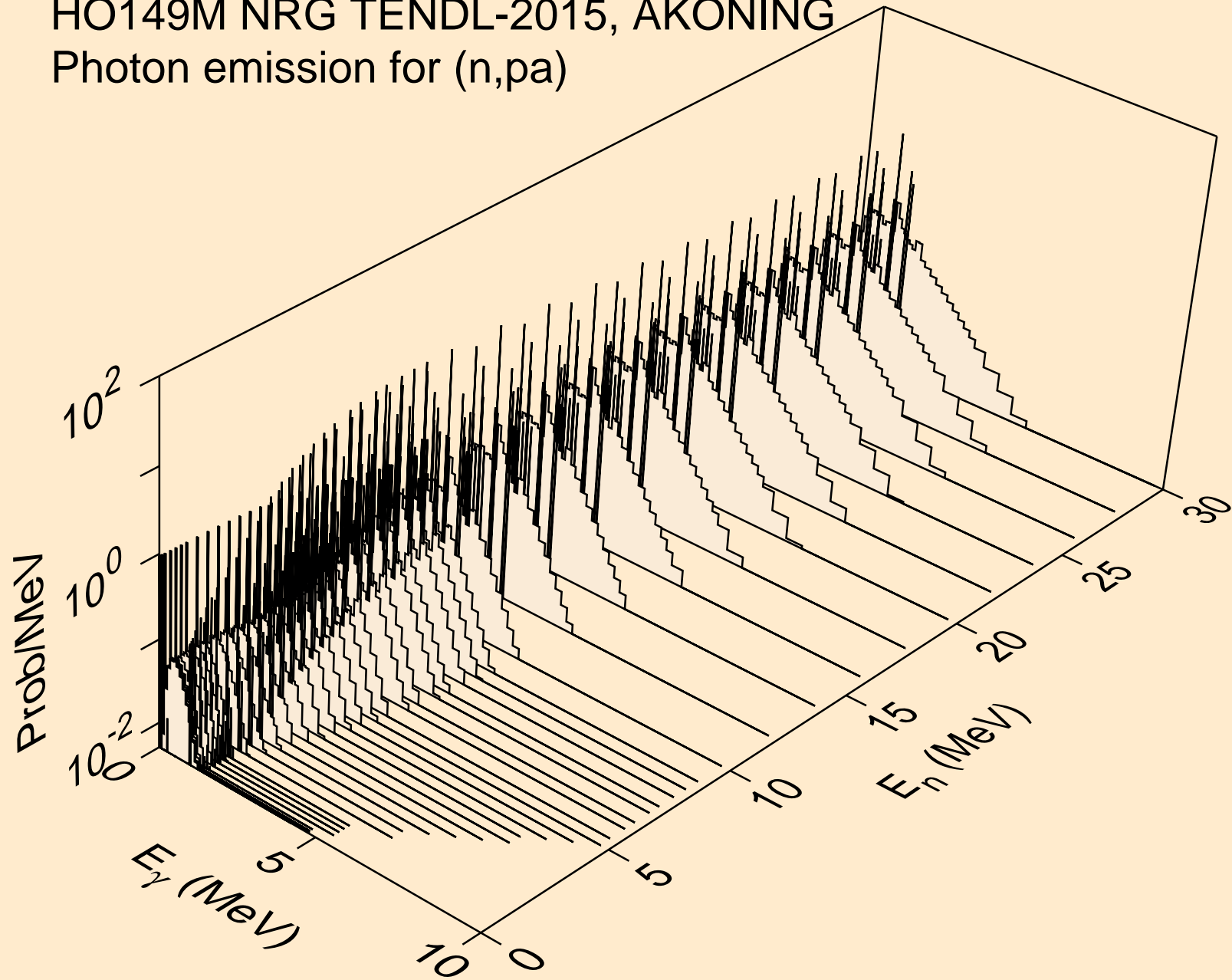
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Photon emission for (n,3a)



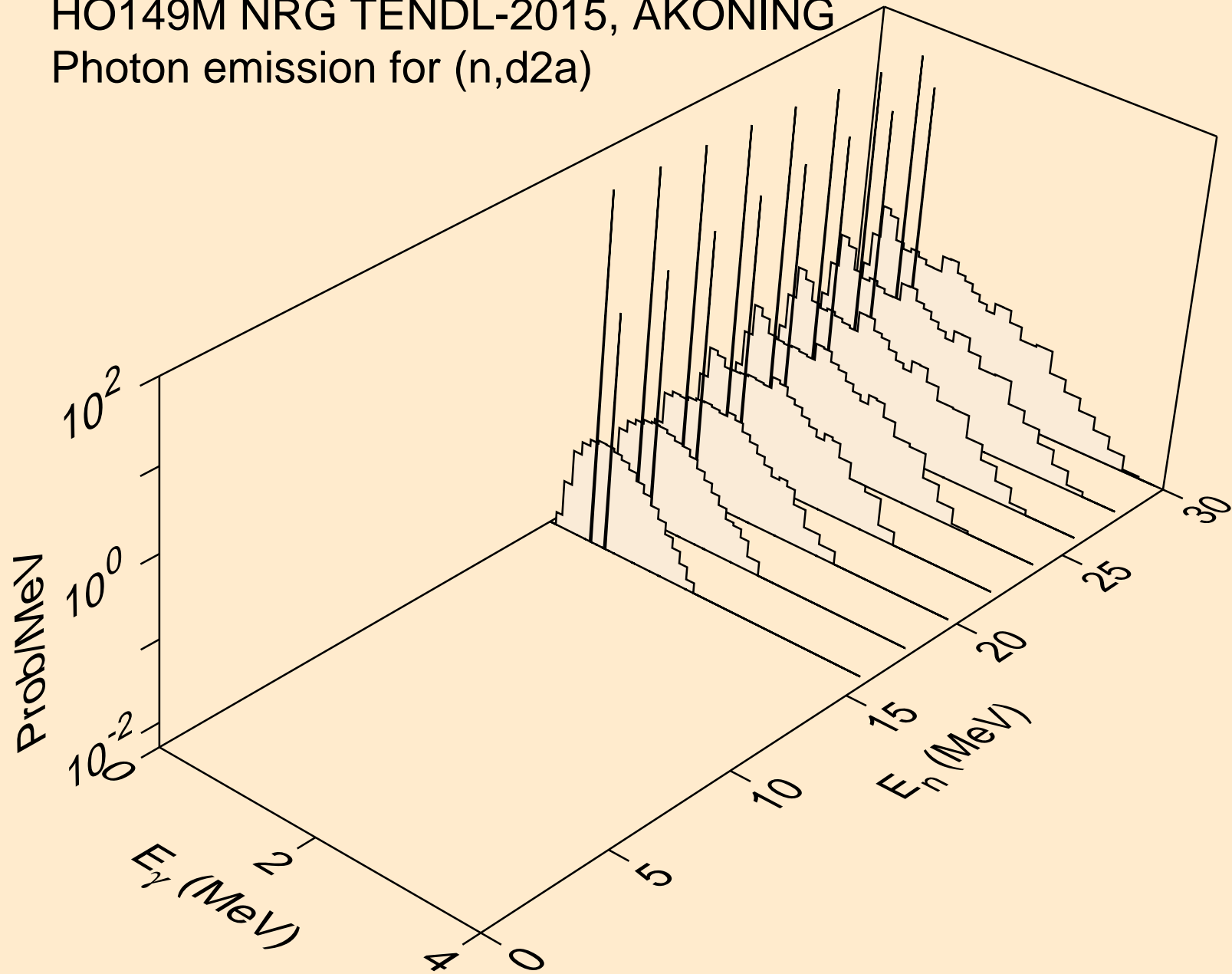
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Photon emission for (n,2p)



HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,p)

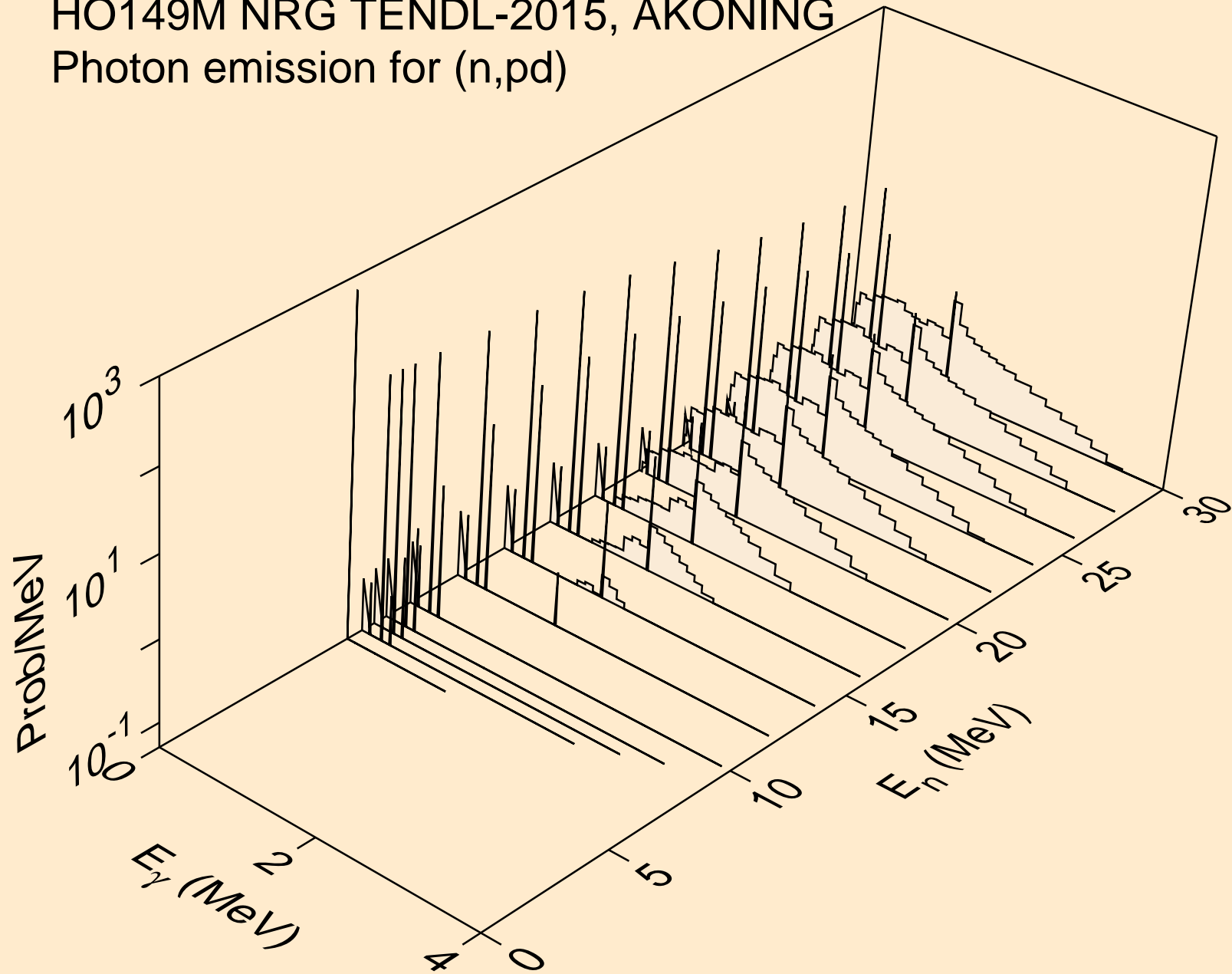


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Photon emission for (n,d2a)

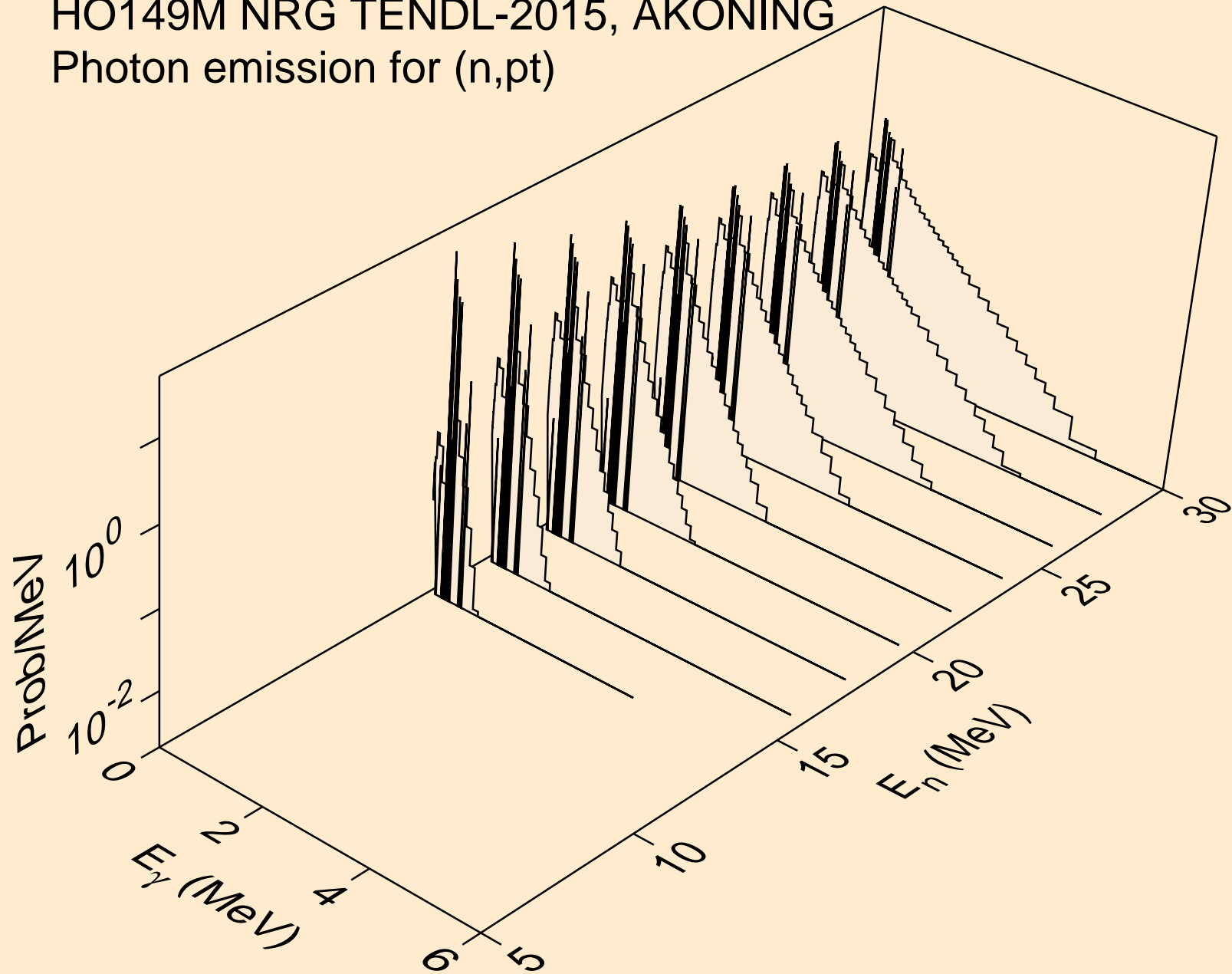




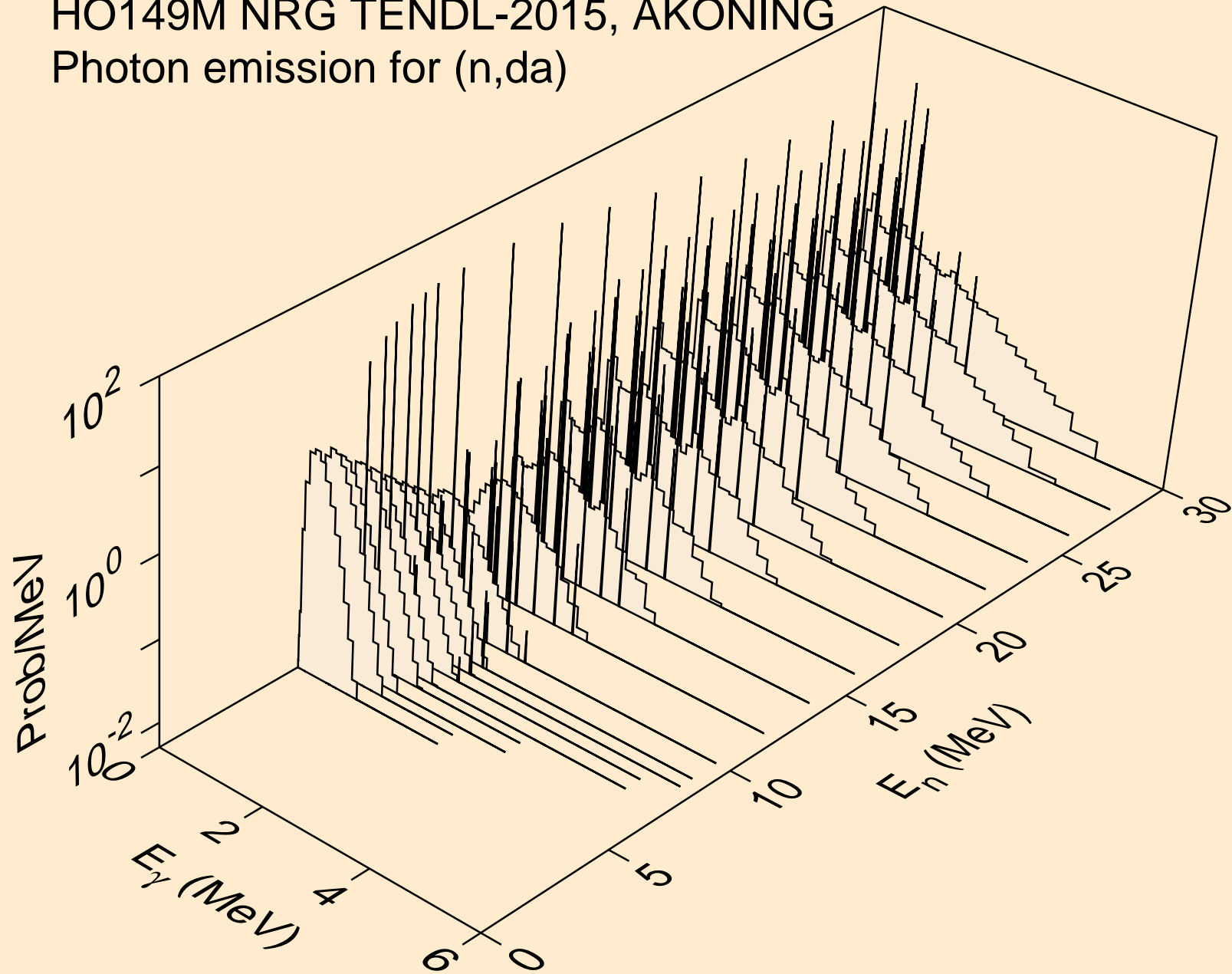
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Photon emission for (n,pd)



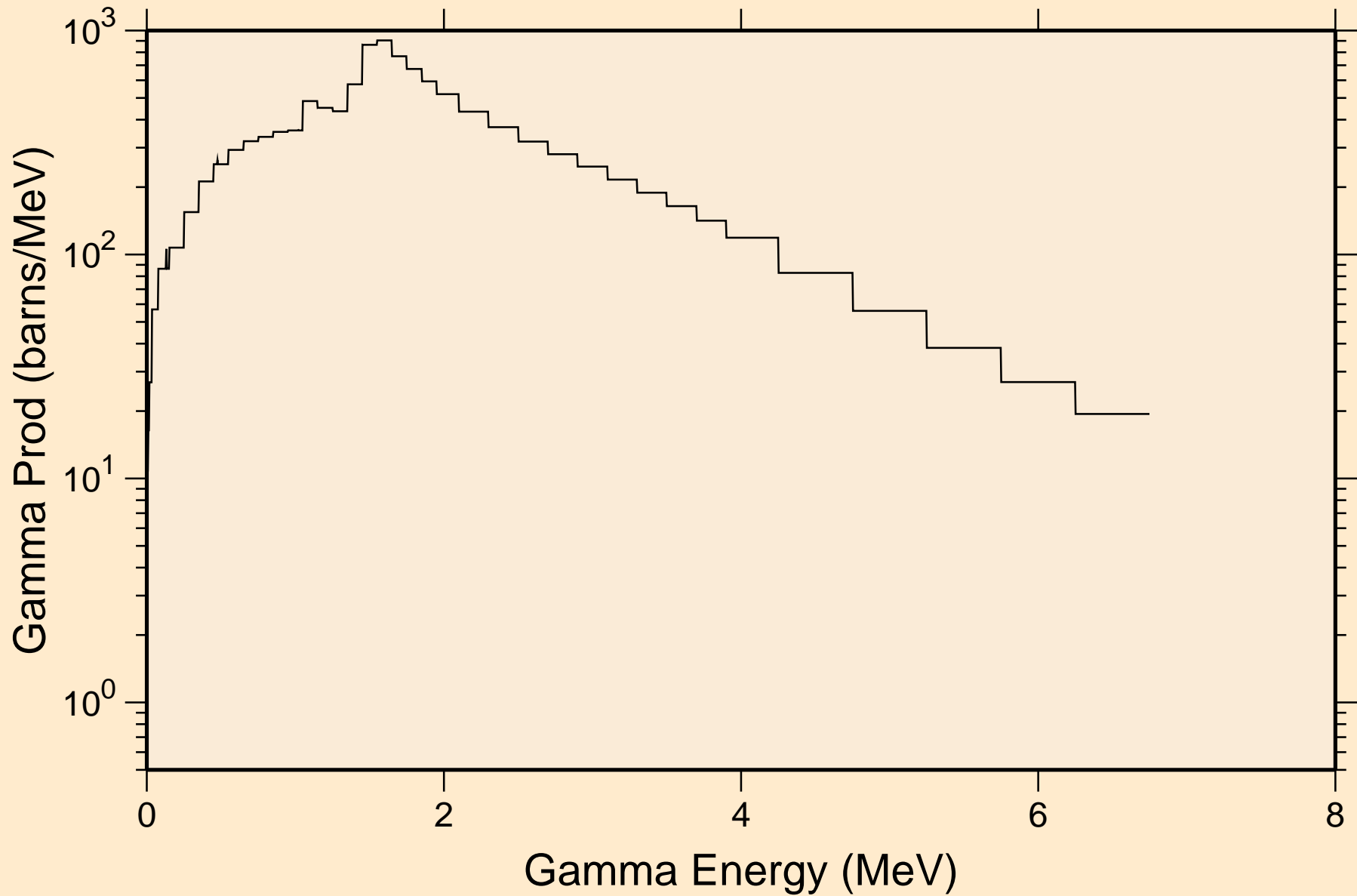
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Photon emission for (n,pt)



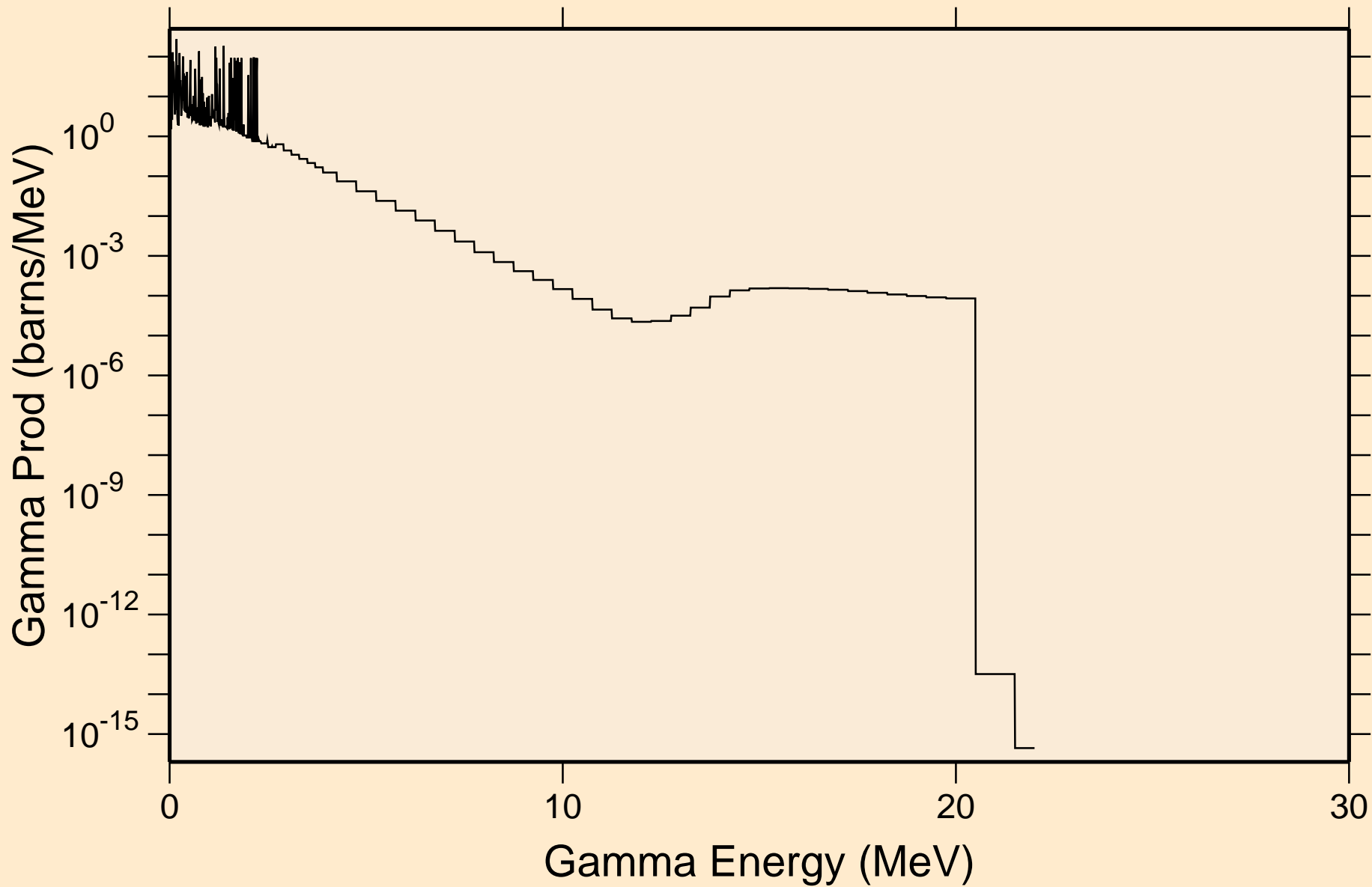
HO149M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



HO149M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

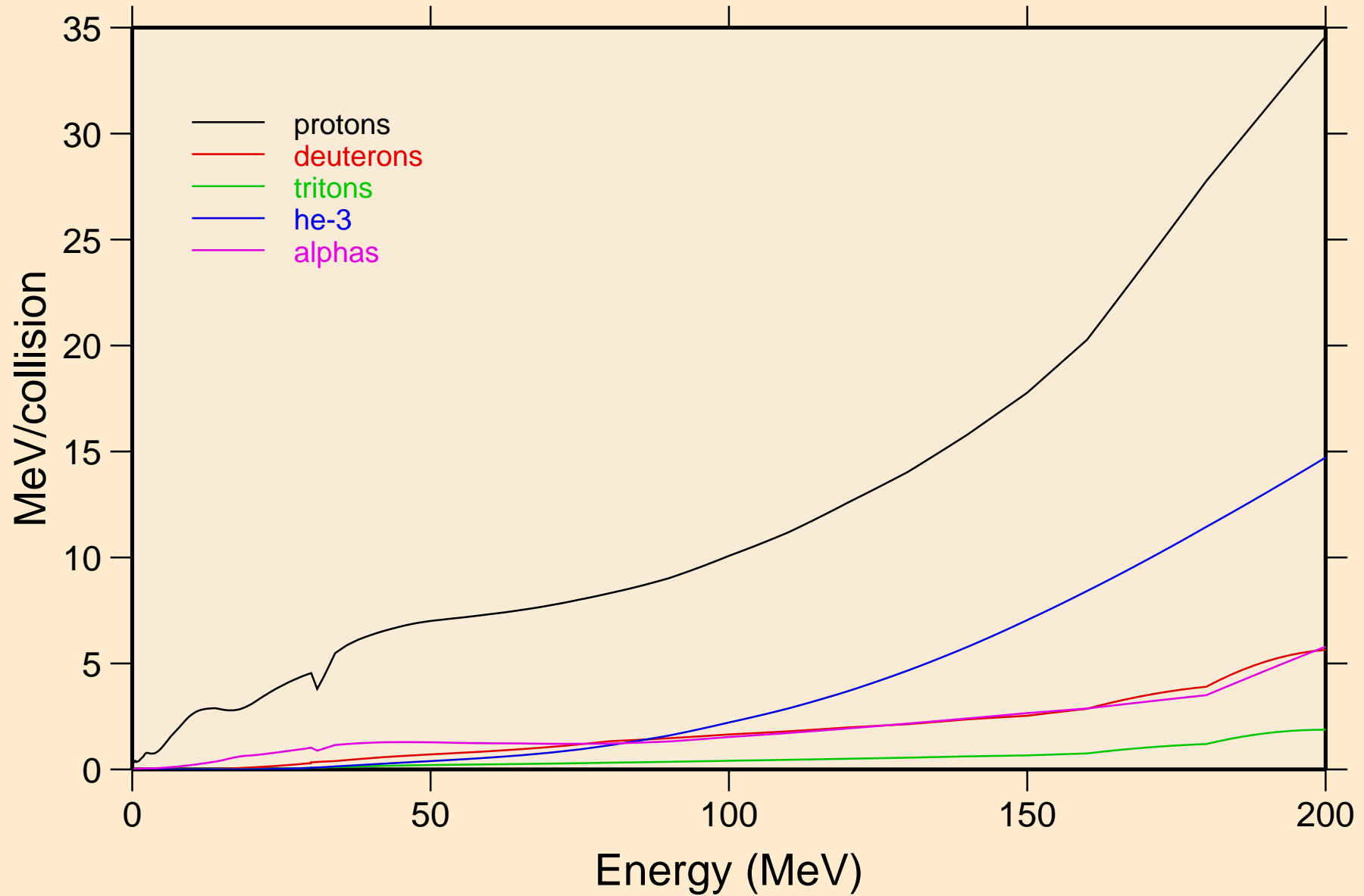


HO149M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



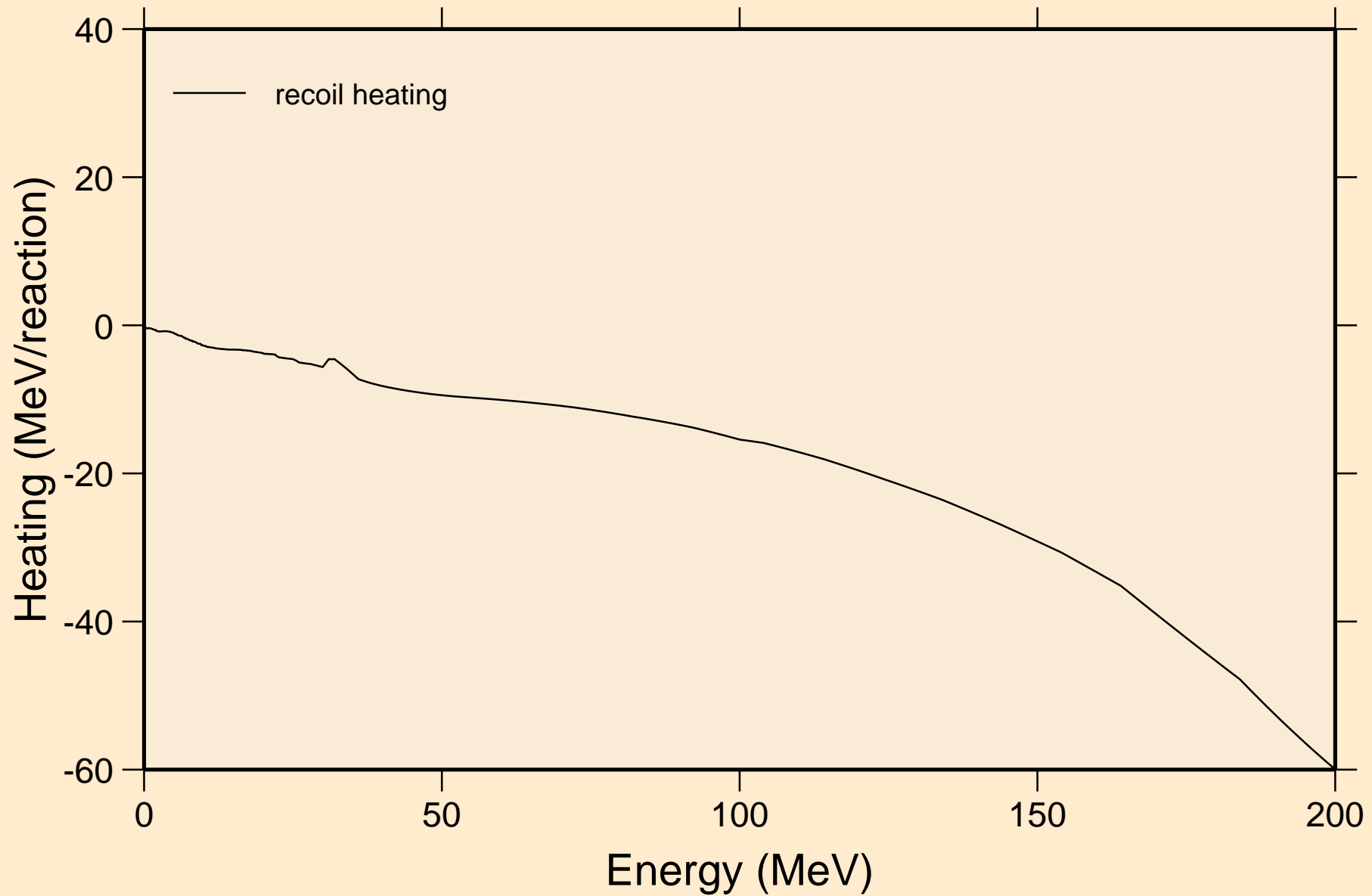
# HO149M NRG TENDL-2015, AKONING

## Particle heating contributions



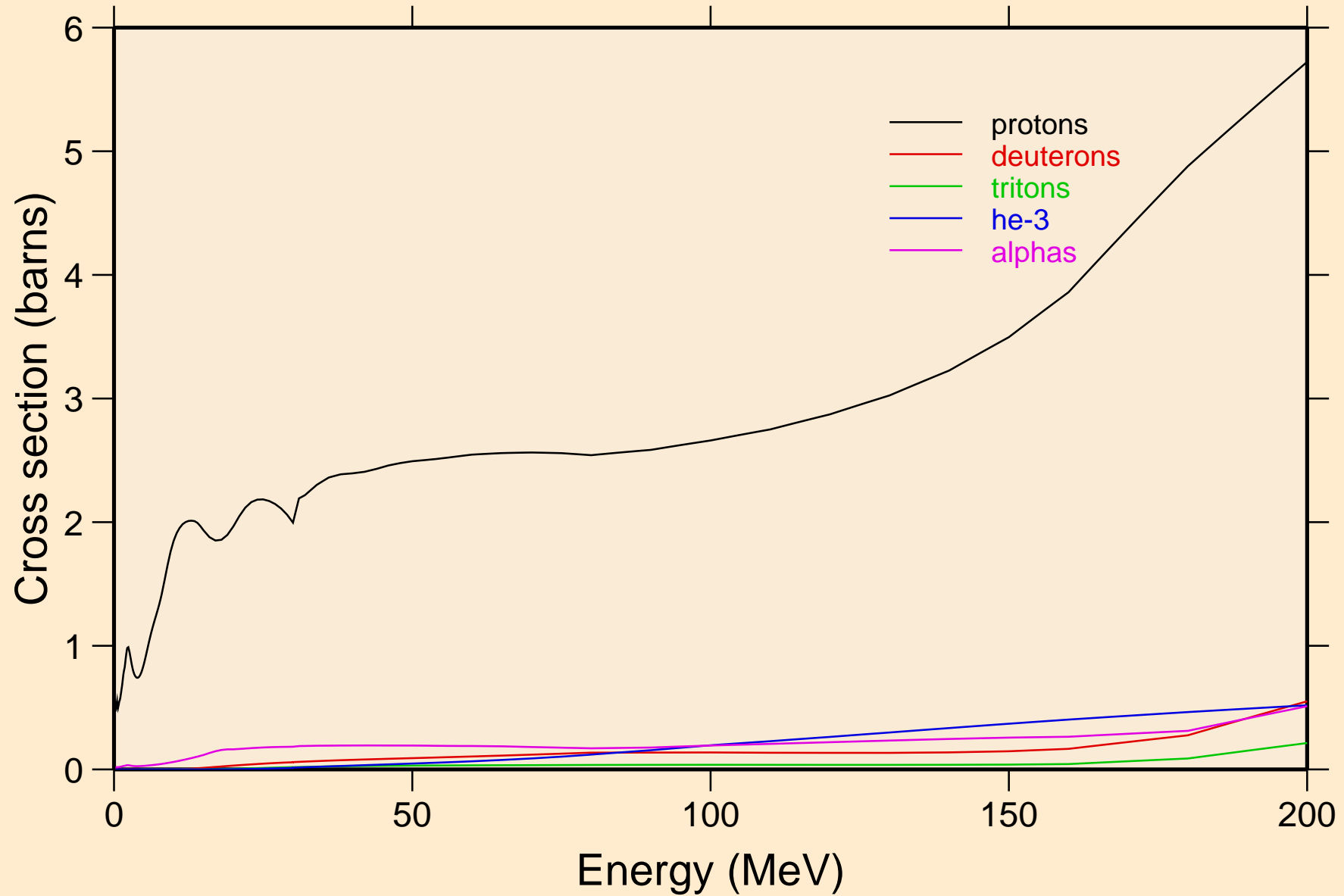
# HO149M NRG TENDL-2015, AKONING

## Recoil Heating



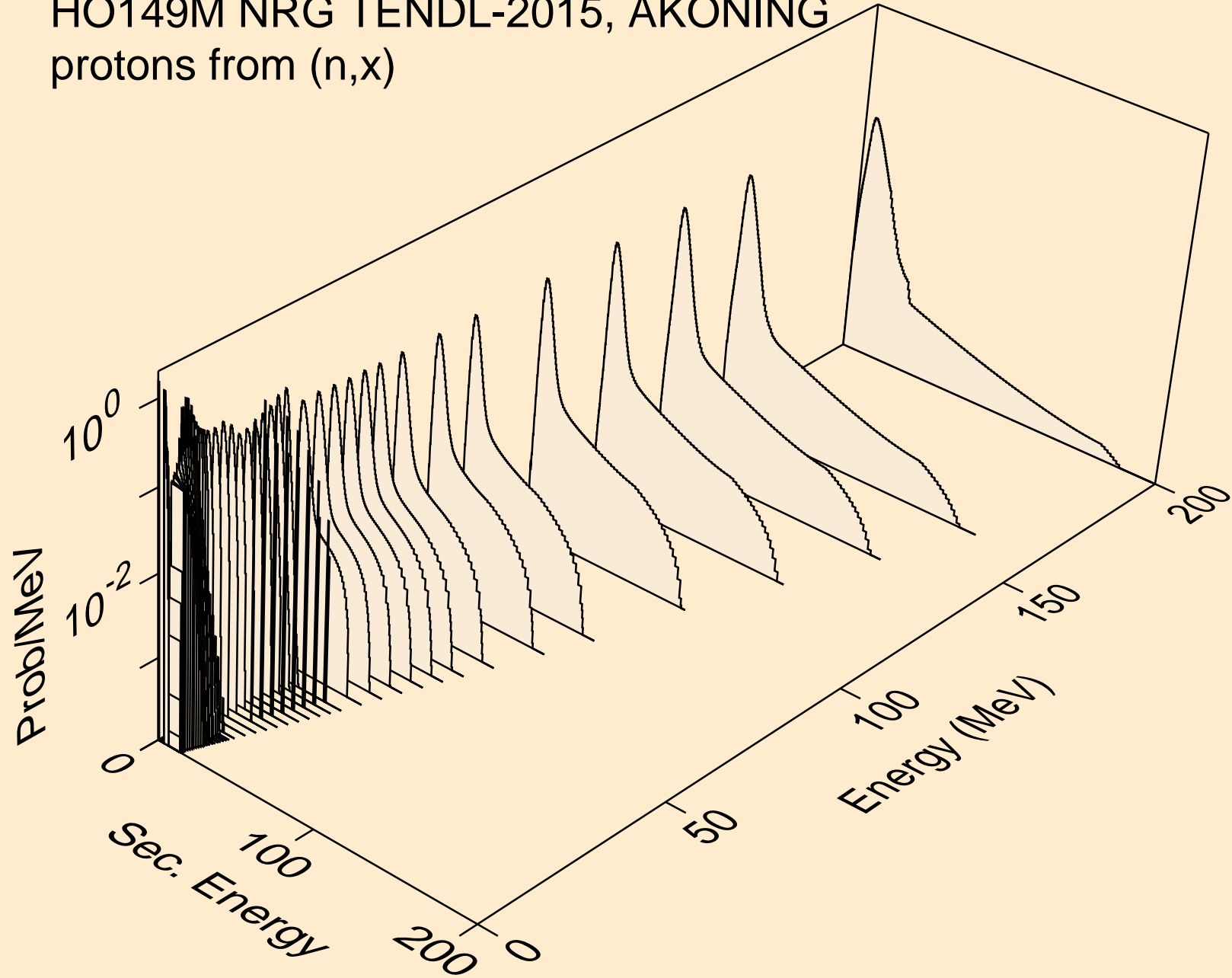
# HO149M NRG TENDL-2015, AKONING

## Particle production cross sections

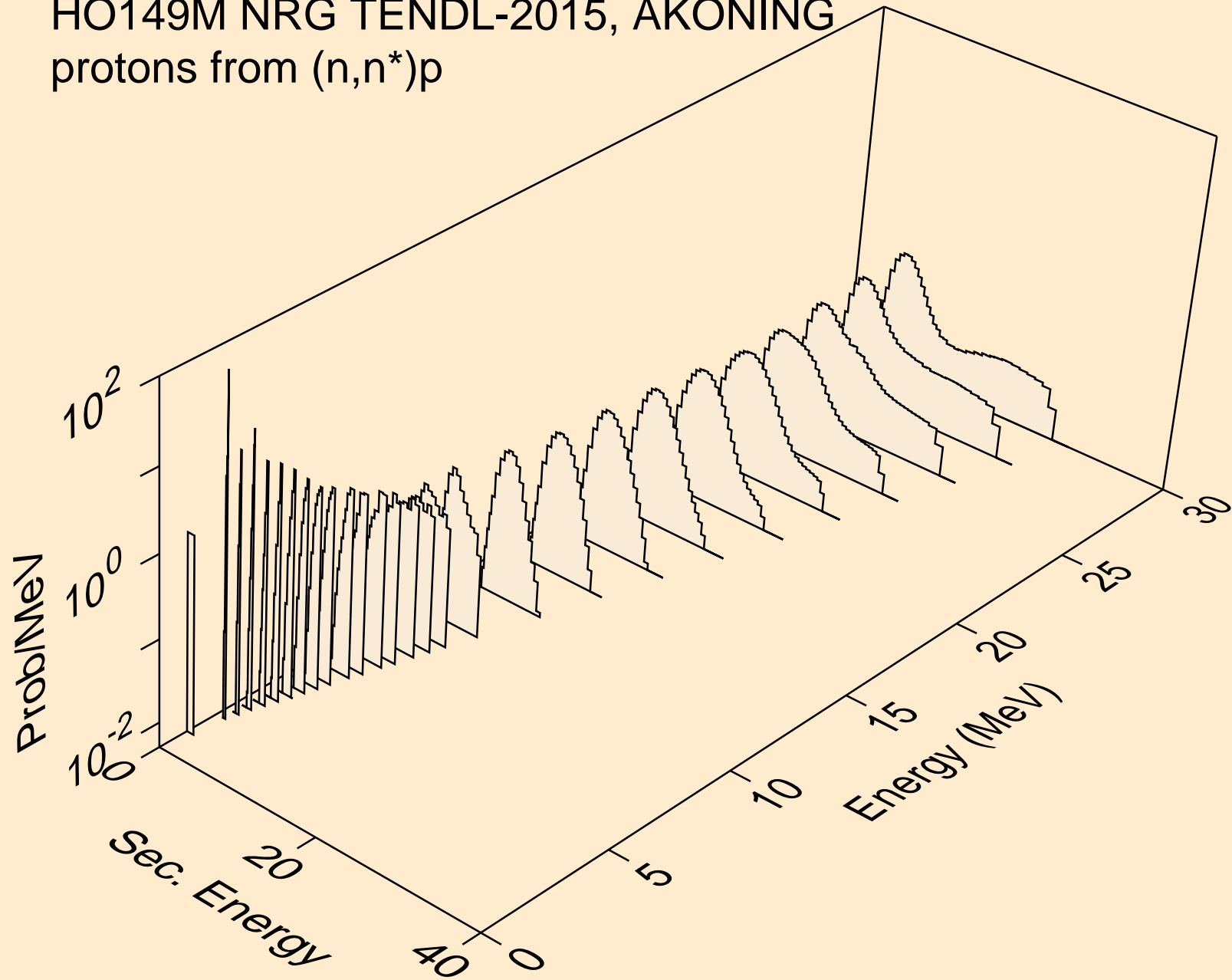




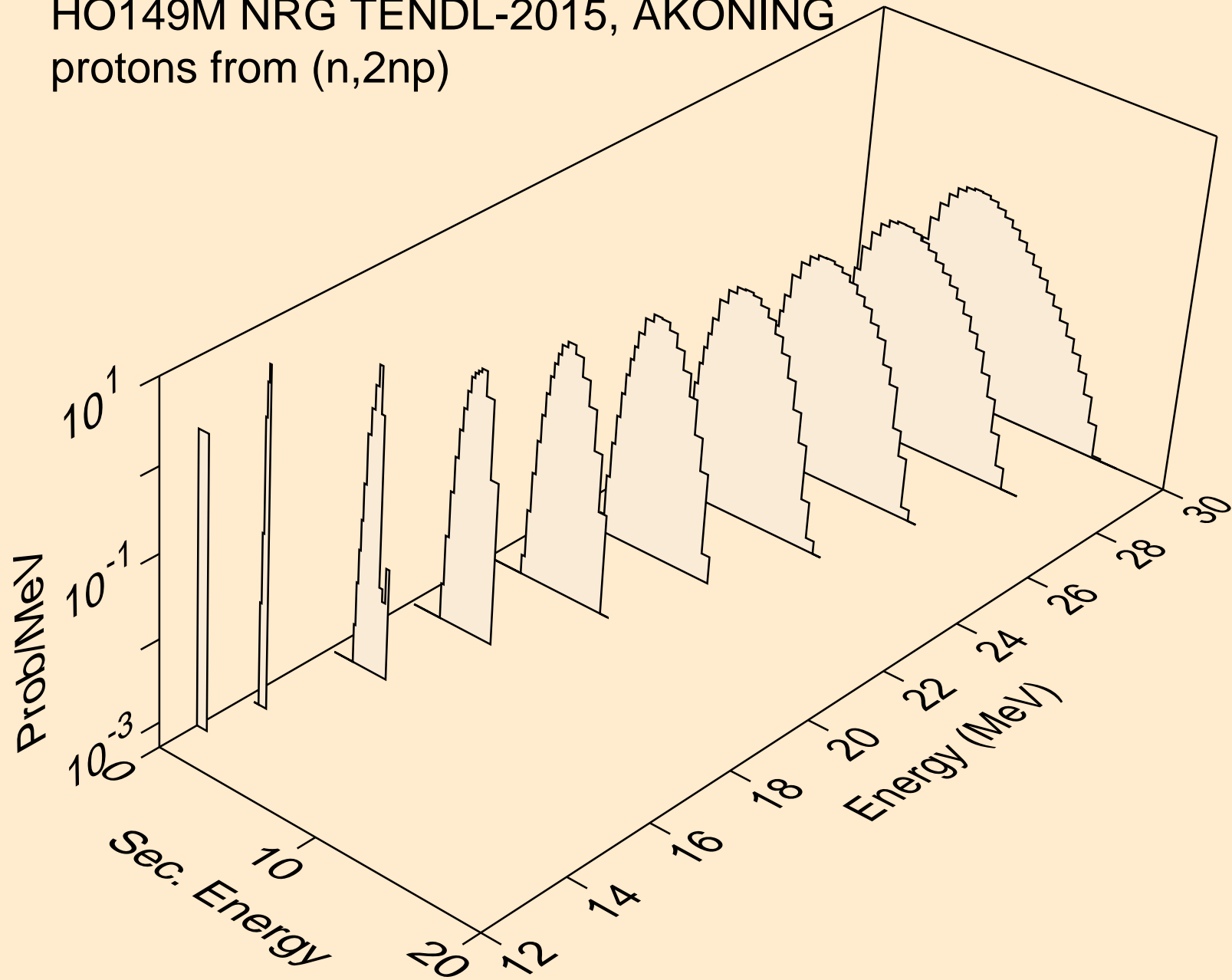
HO149M NRG TENDL-2015, AKONING  
protons from (n,x)



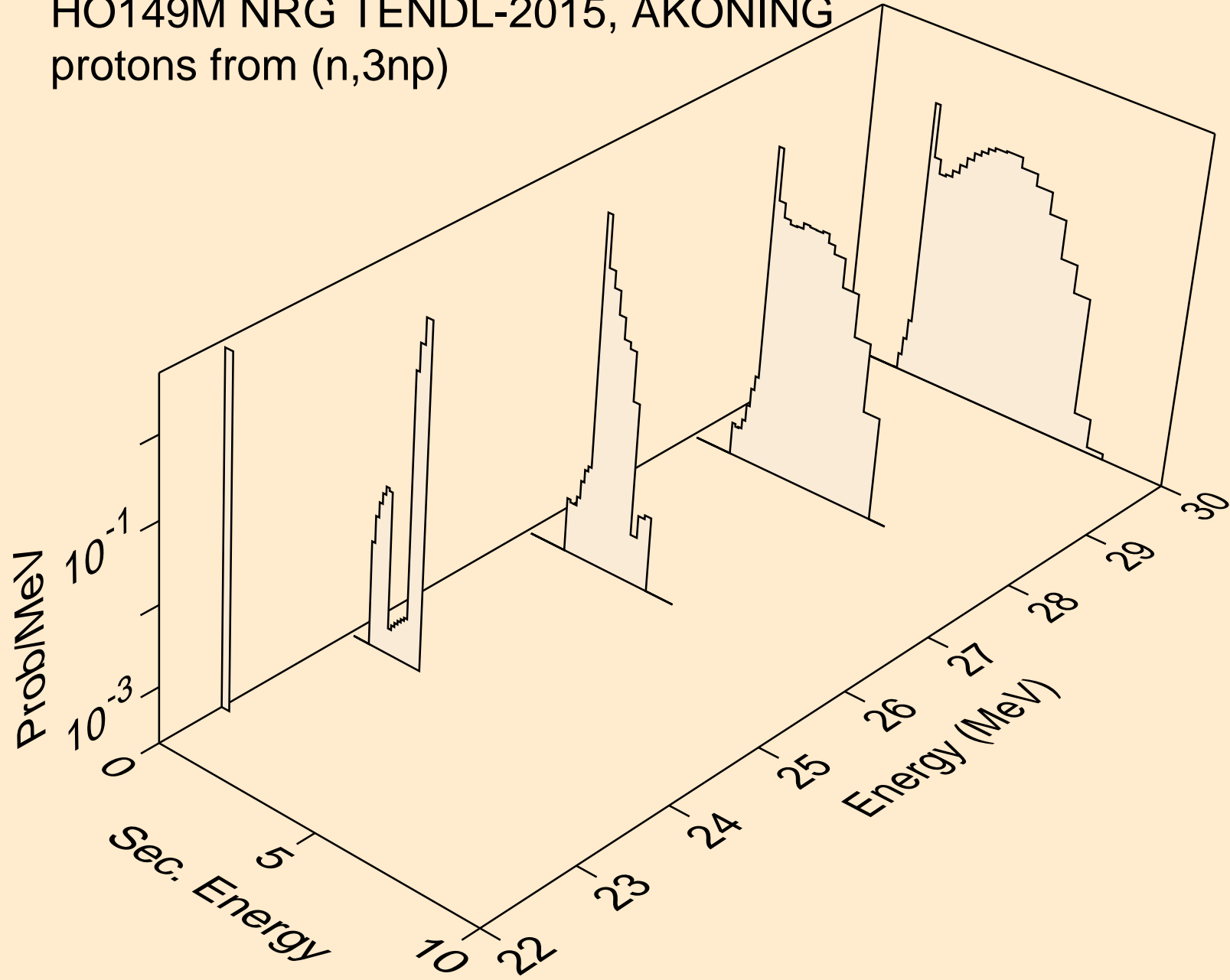
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protons from (n,n\*)p



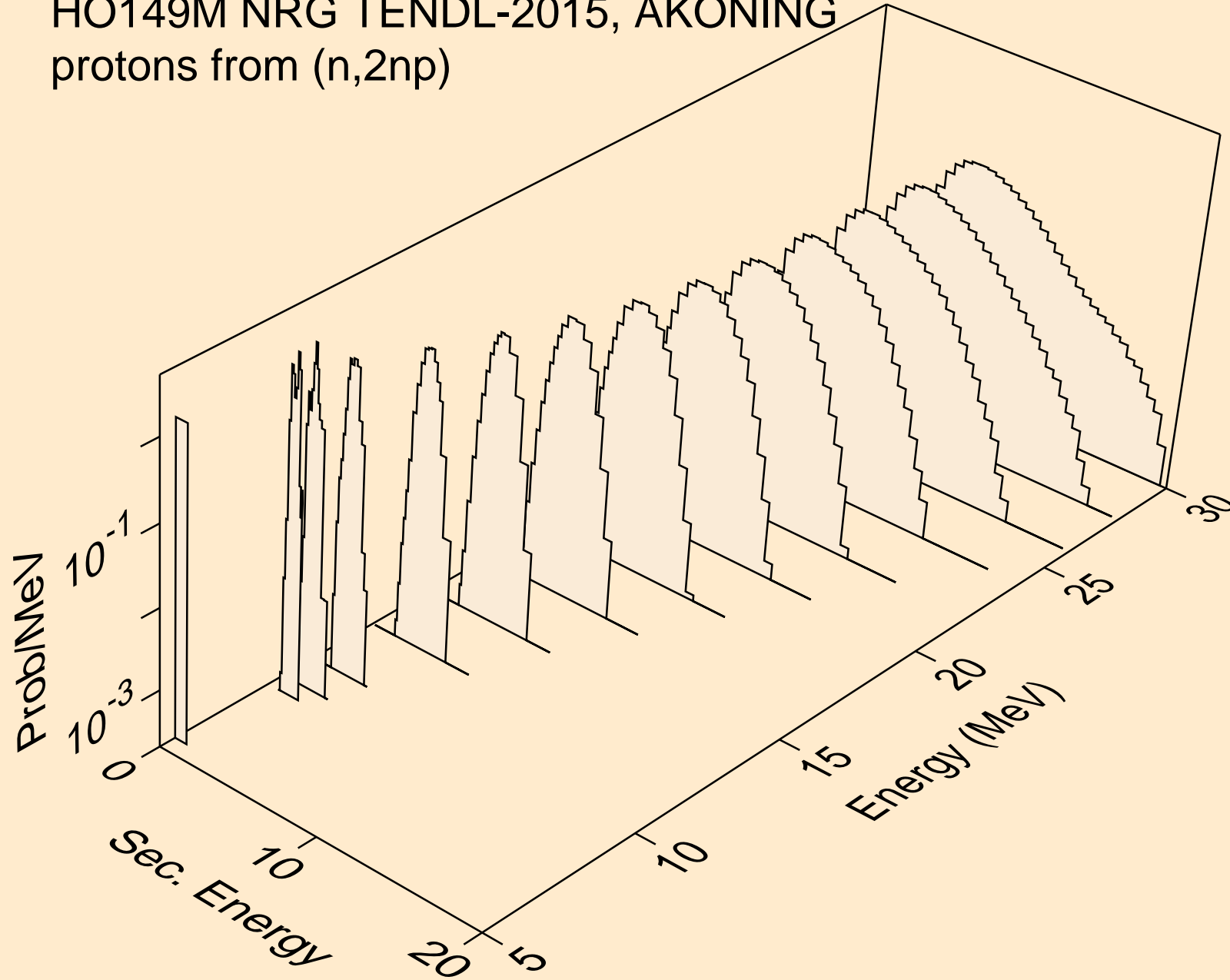
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protons from (n,2np)



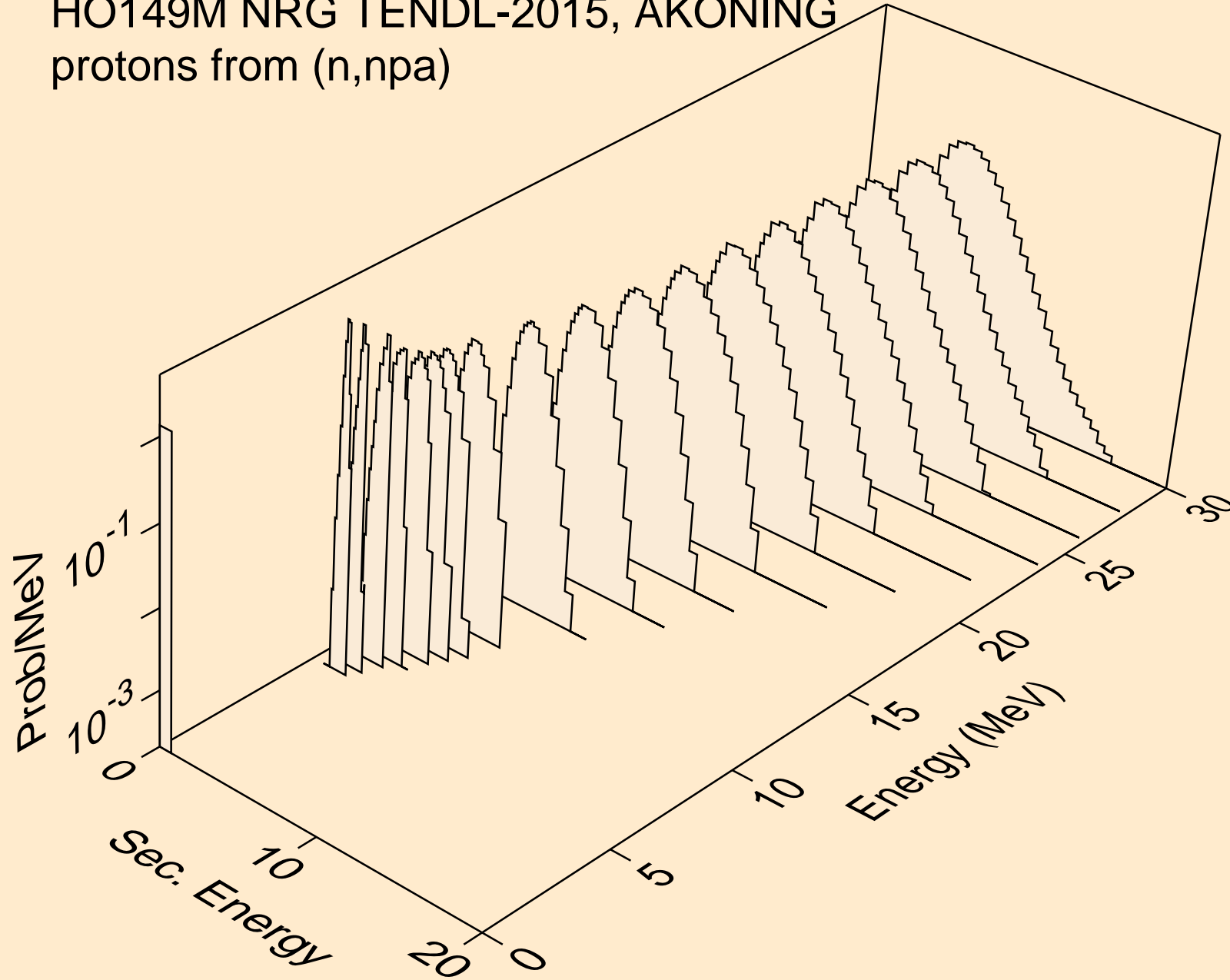
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protons from (n,3np)



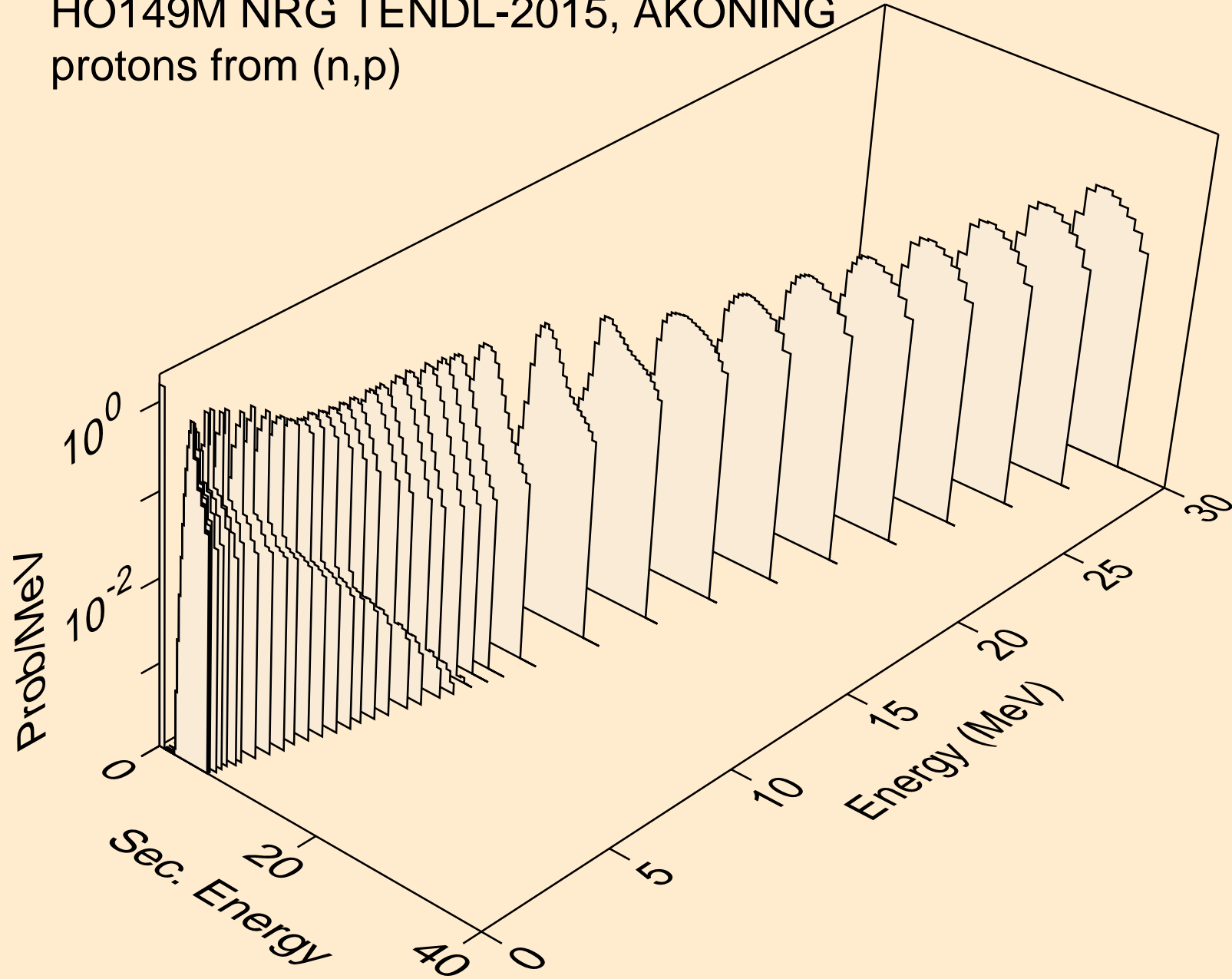
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protons from (n,2np)



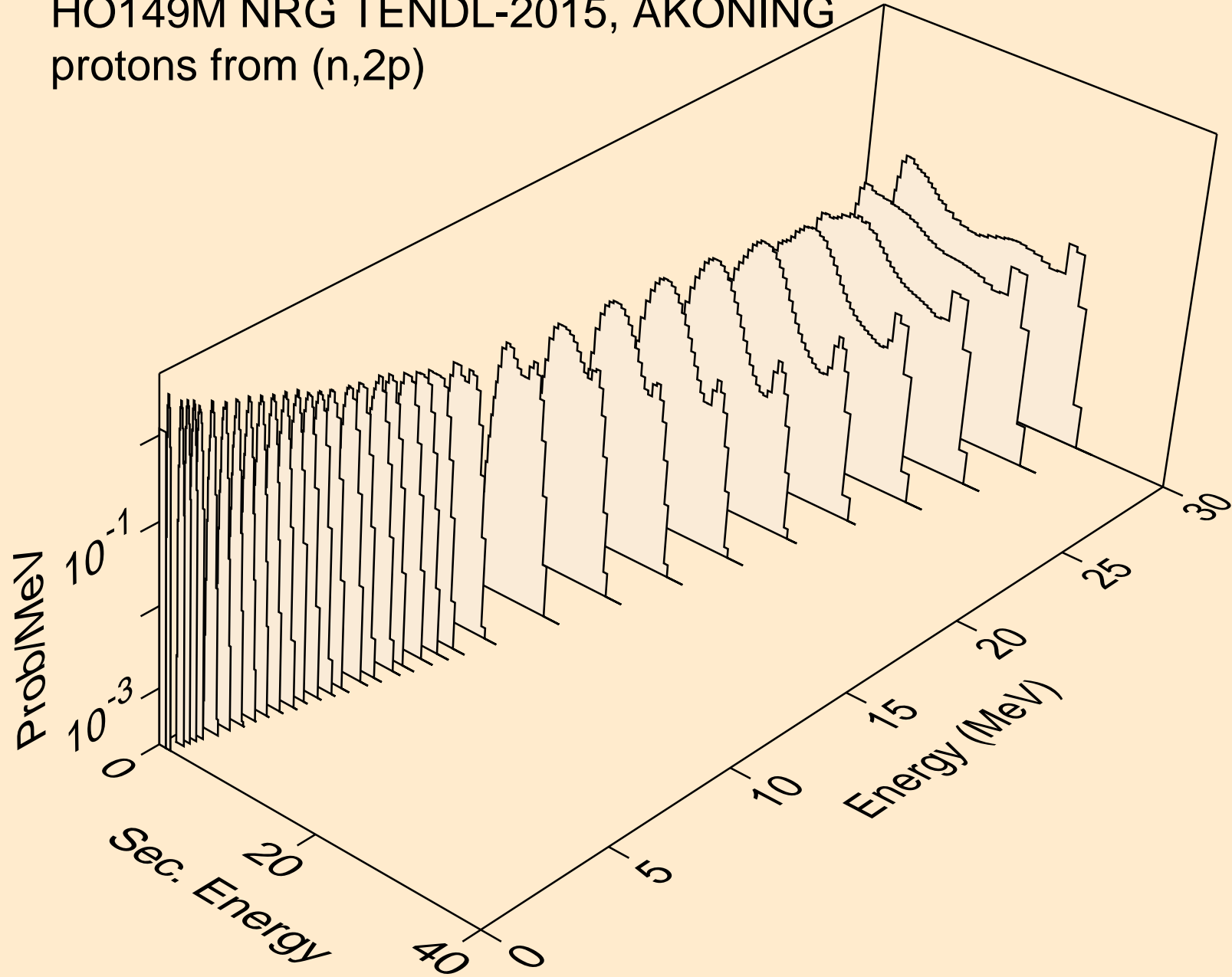
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protons from (n,npa)



HO149M NRG TENDL-2015, AKONING  
protons from (n,p)

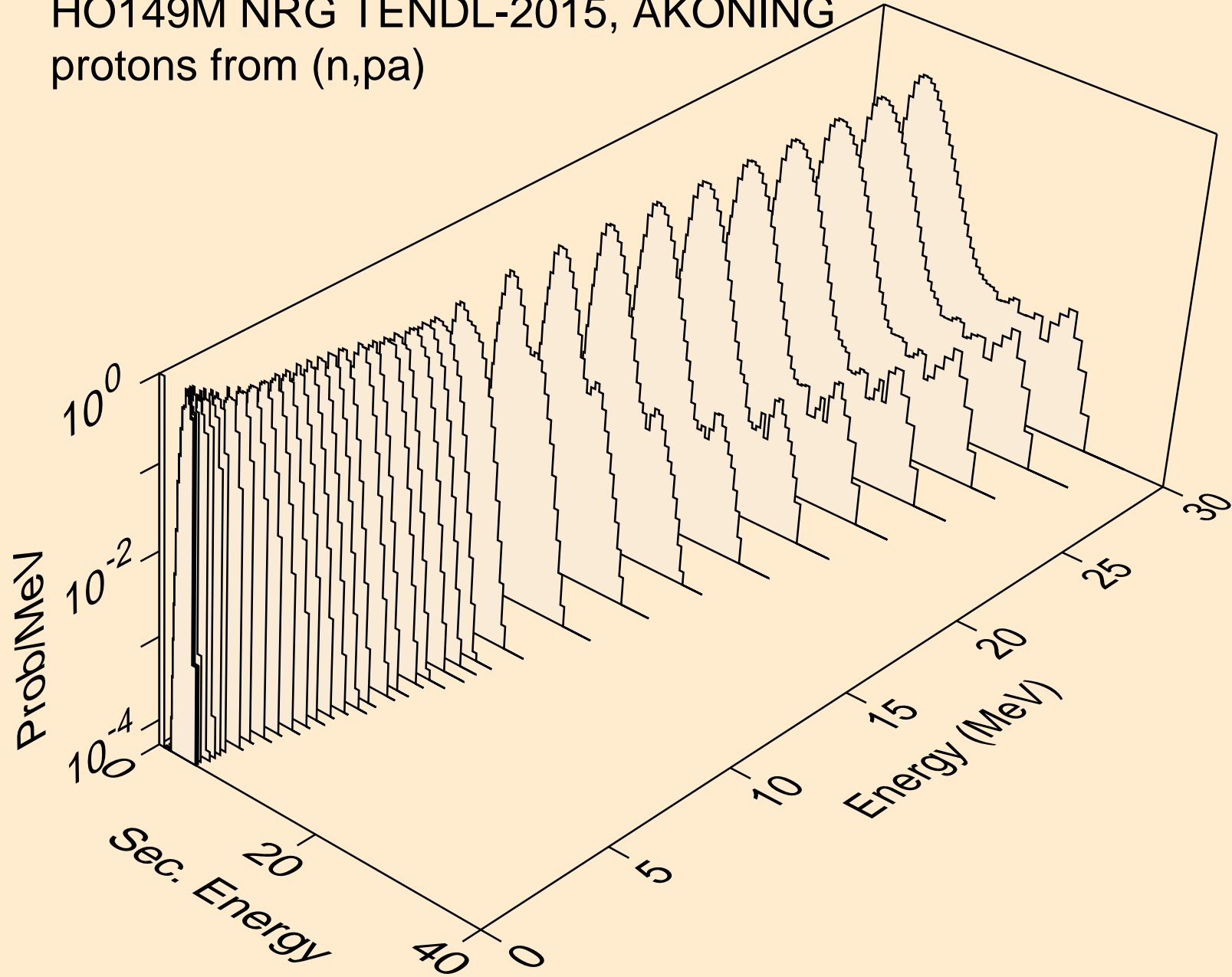


HO149M NRG TENDL-2015, AKONING  
protons from (n,2p)

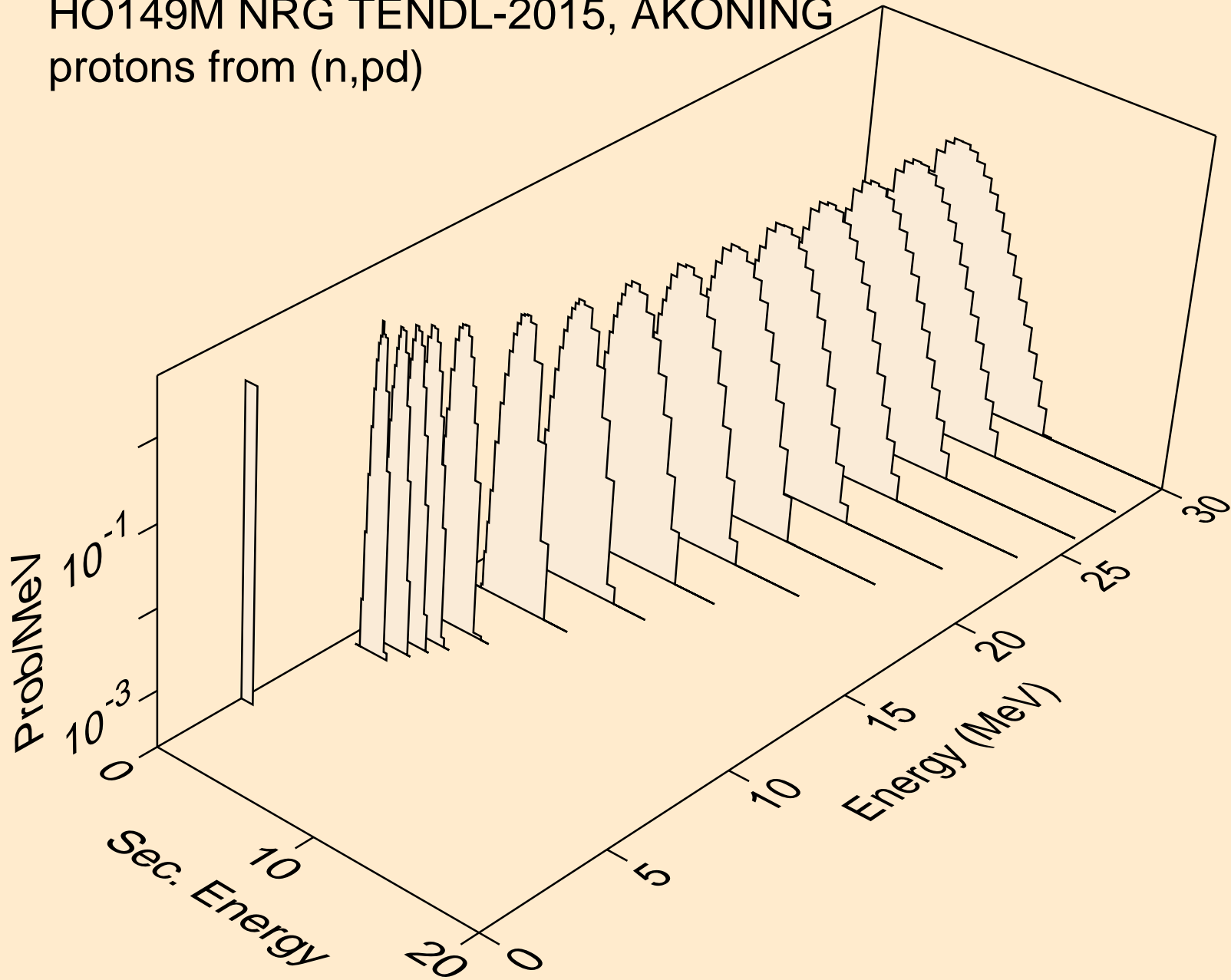




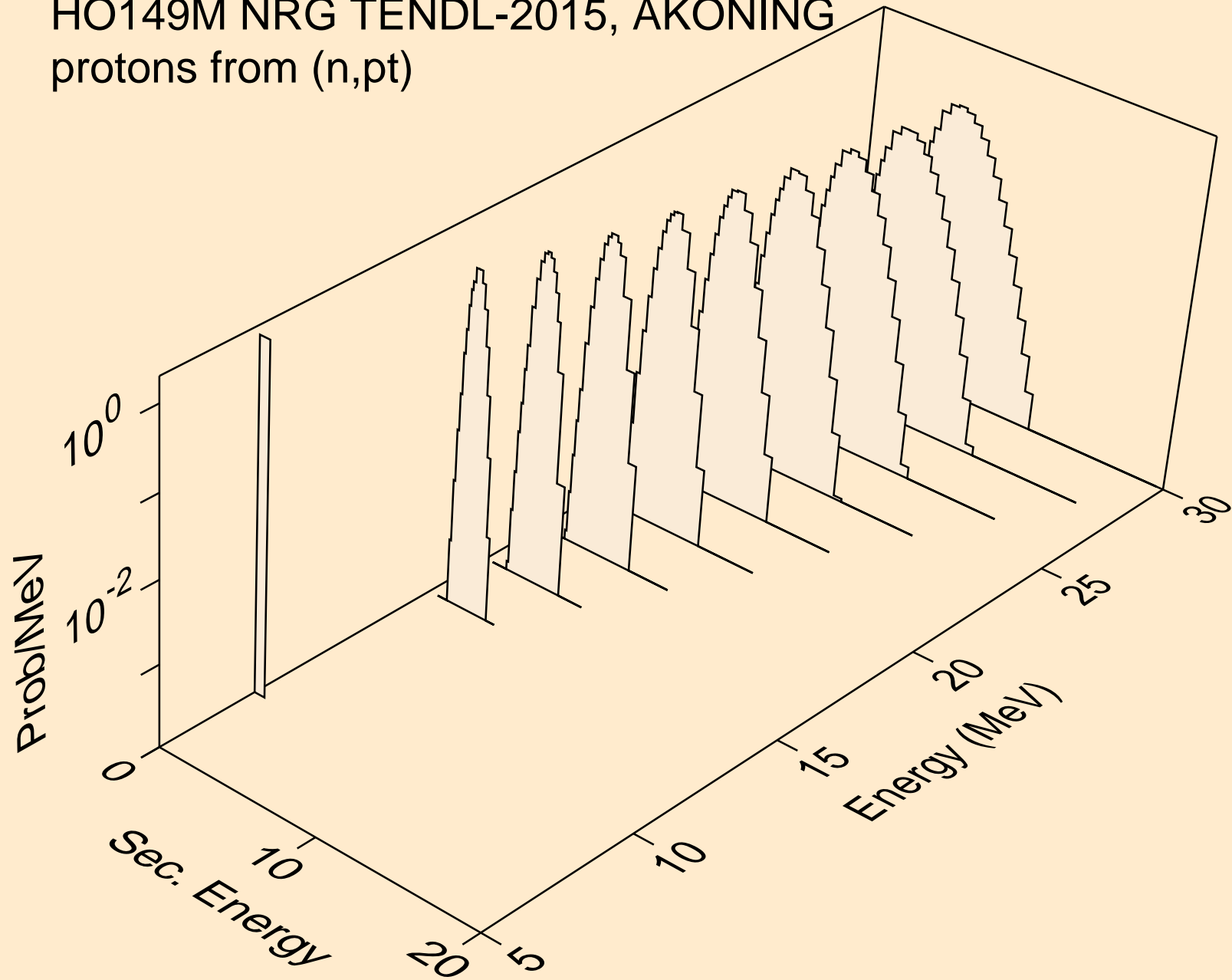
HO149M NRG TENDL-2015, AKONING  
protons from (n,pa)



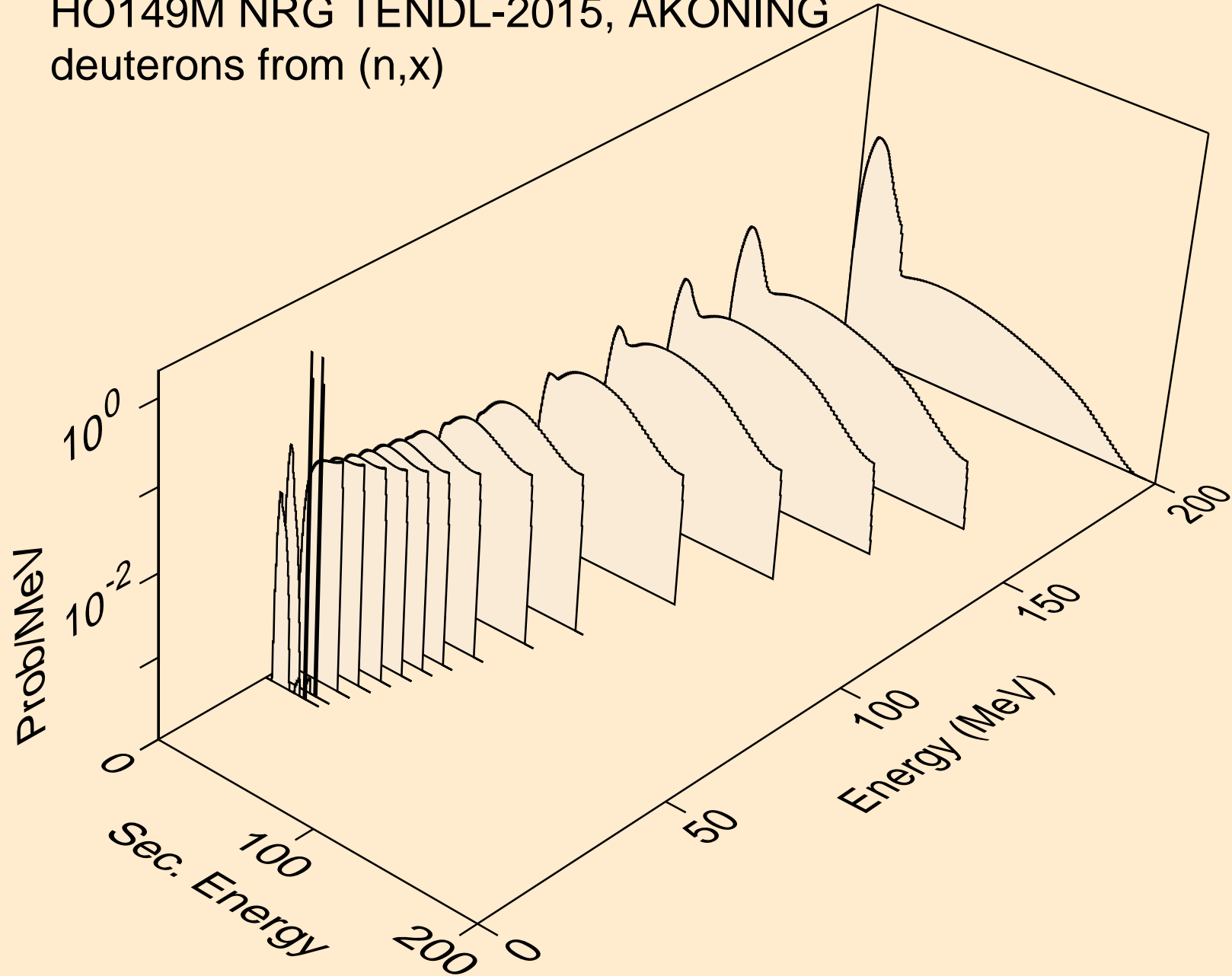
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protons from (n,pd)



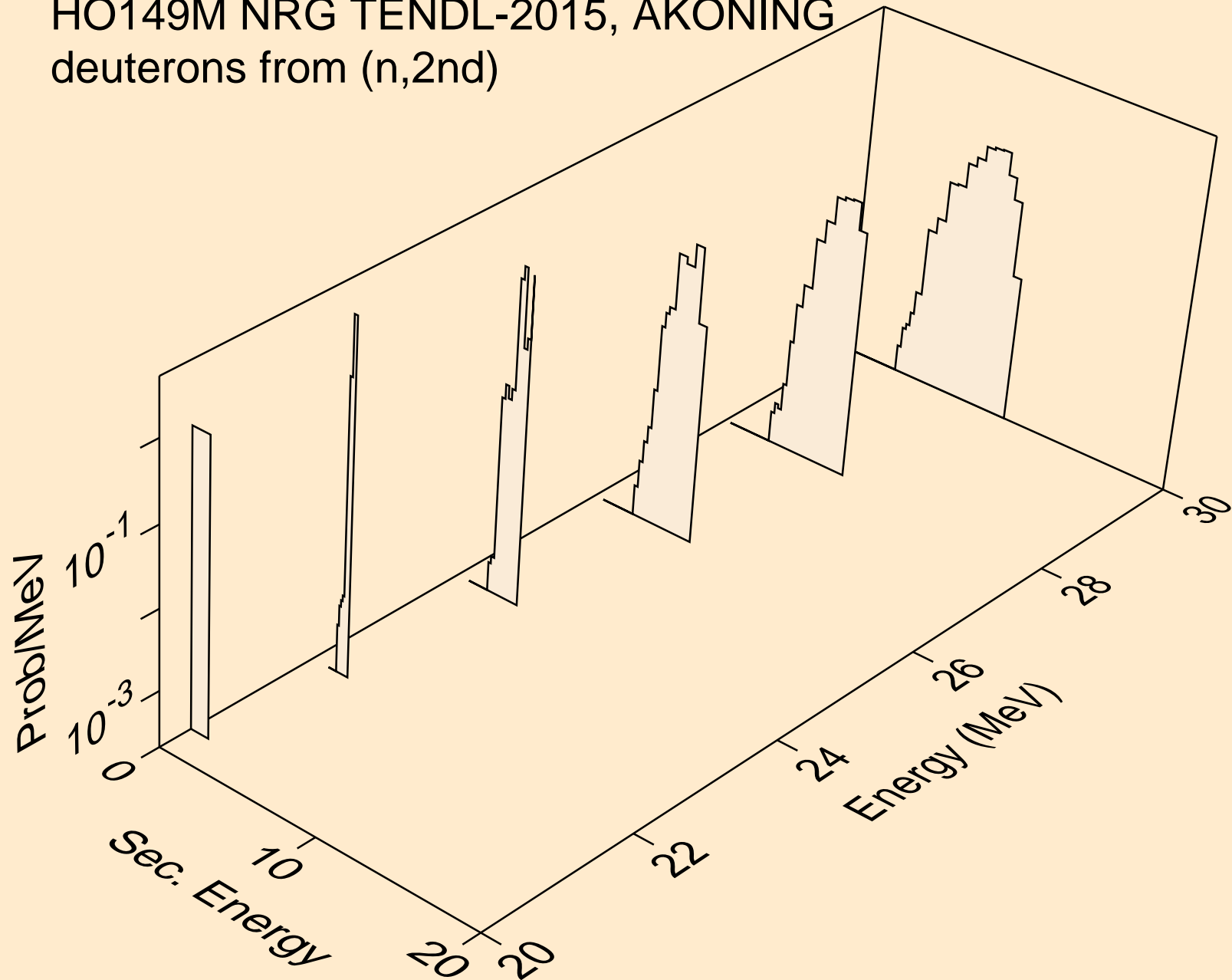
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protons from (n,pt)



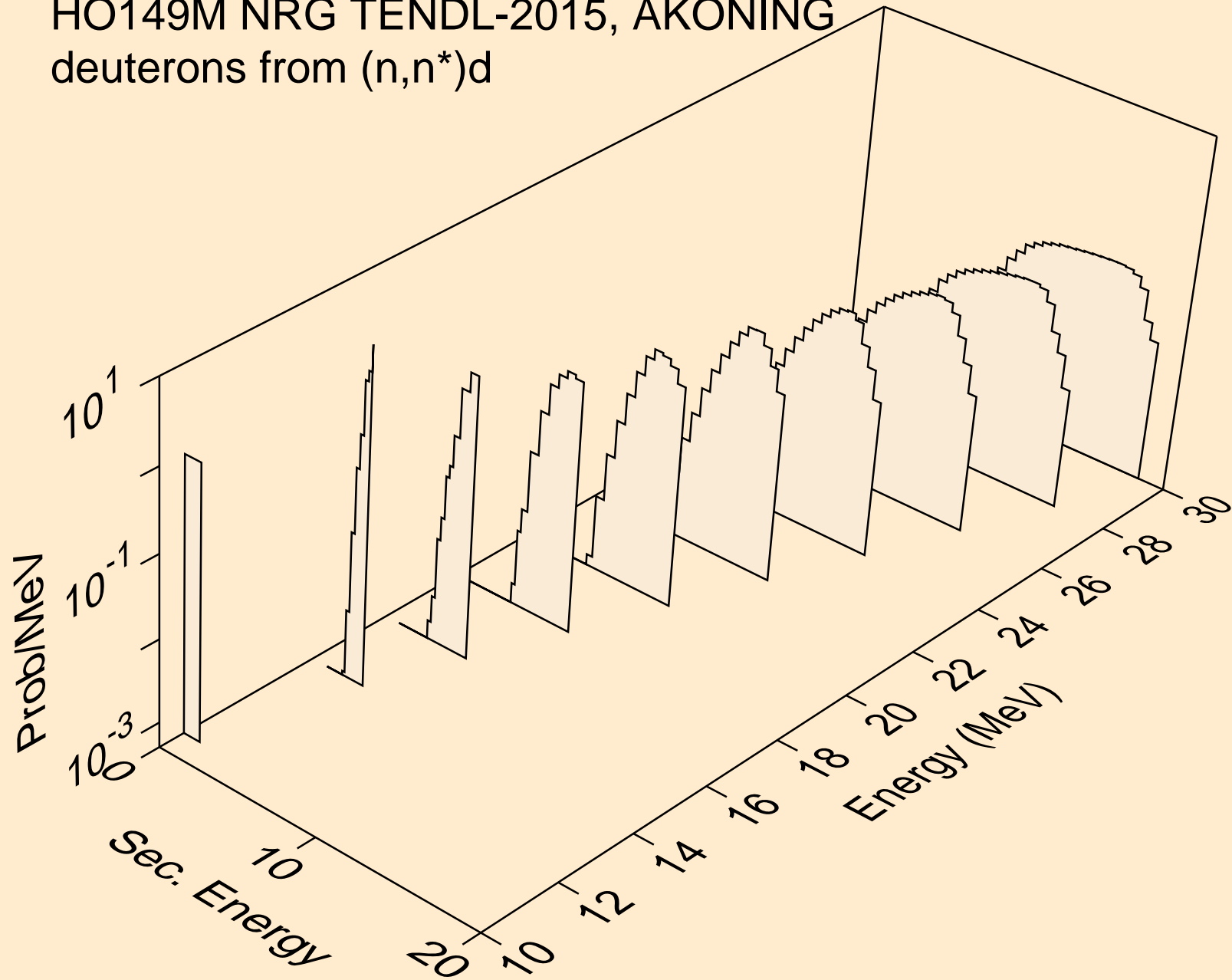
HO149M NRG TENDL-2015, AKONING  
deuterons from (n,x)



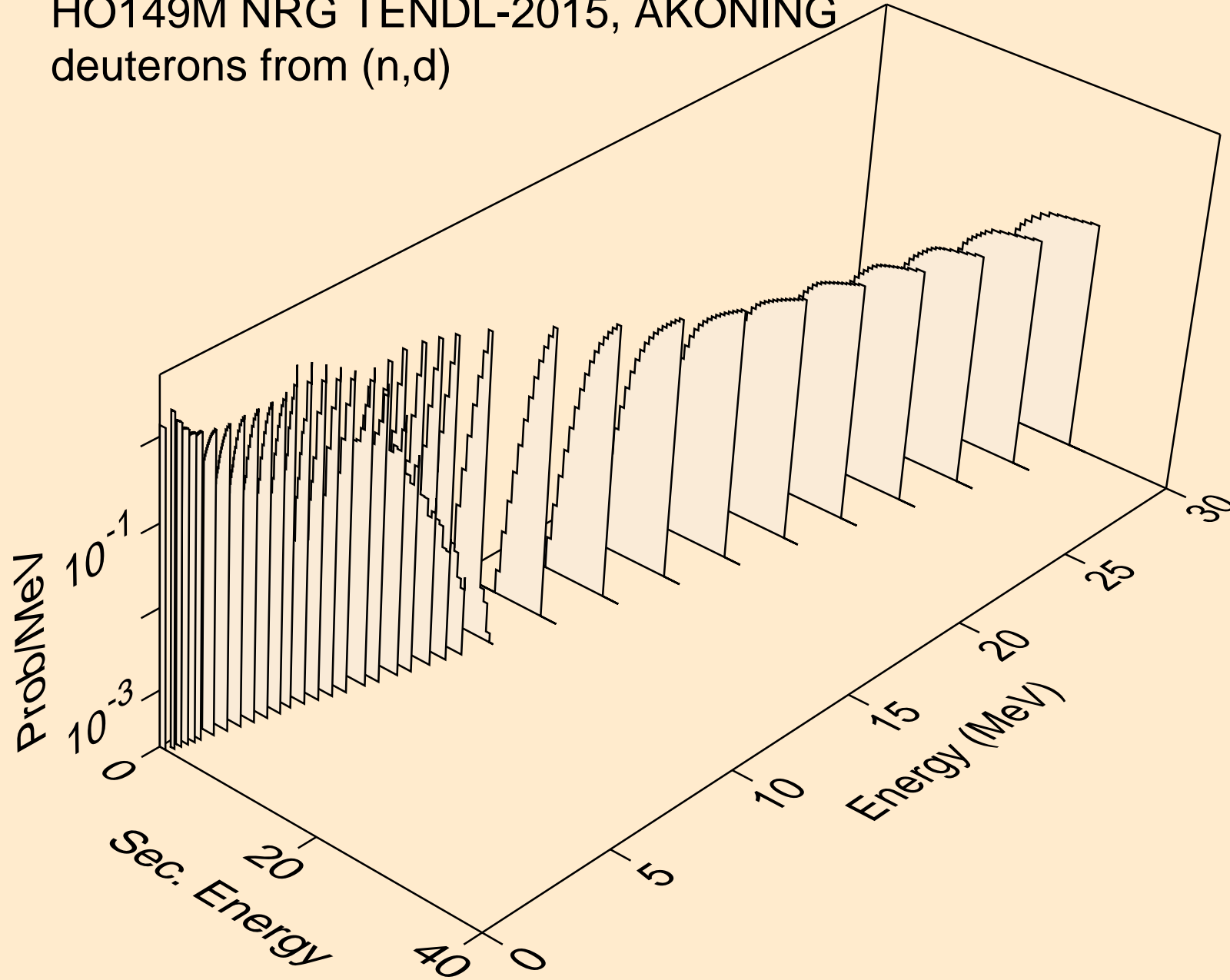
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deuterons from (n,2nd)



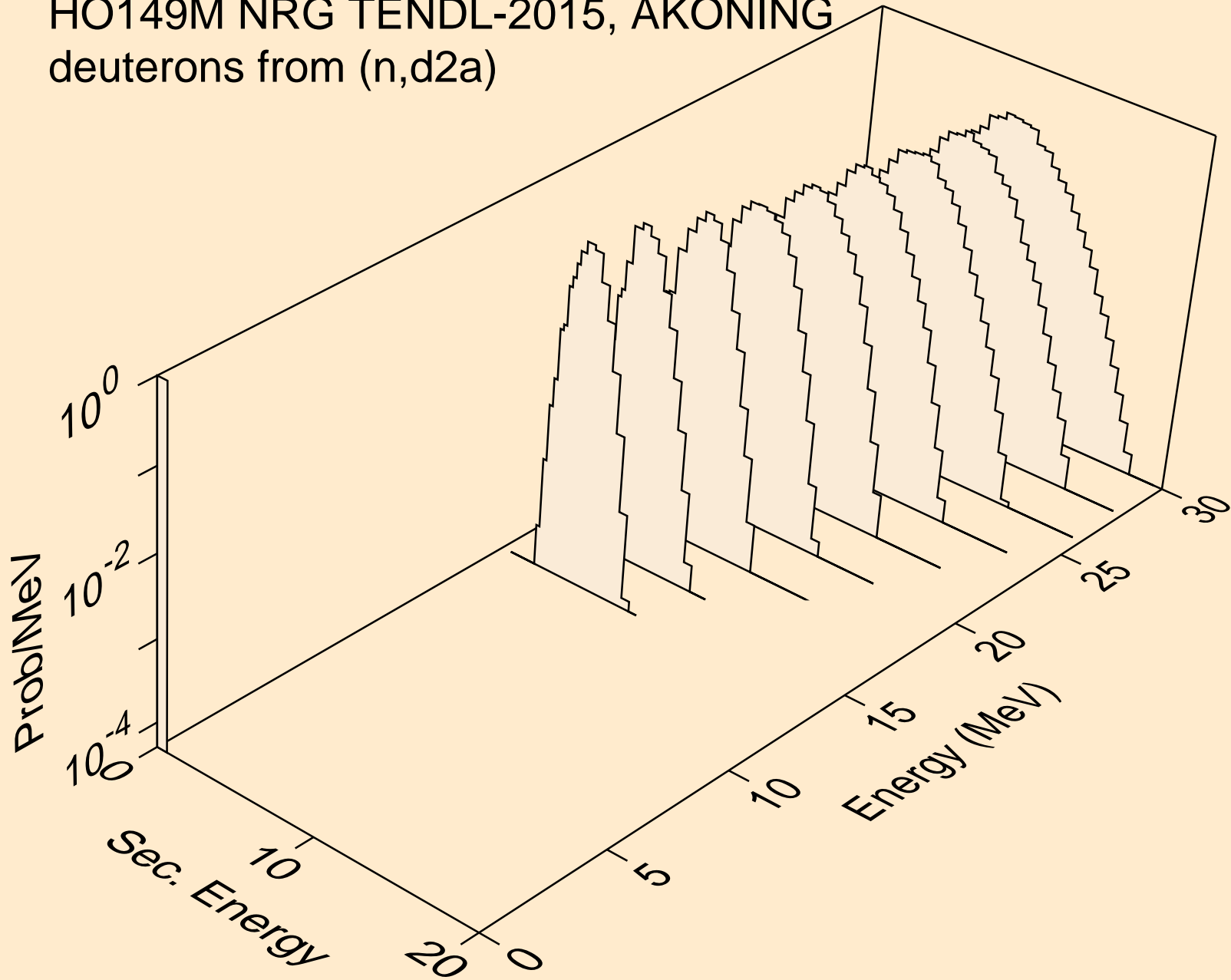
HO149M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



HO149M NRG TENDL-2015, AKONING  
deuterons from (n,d)

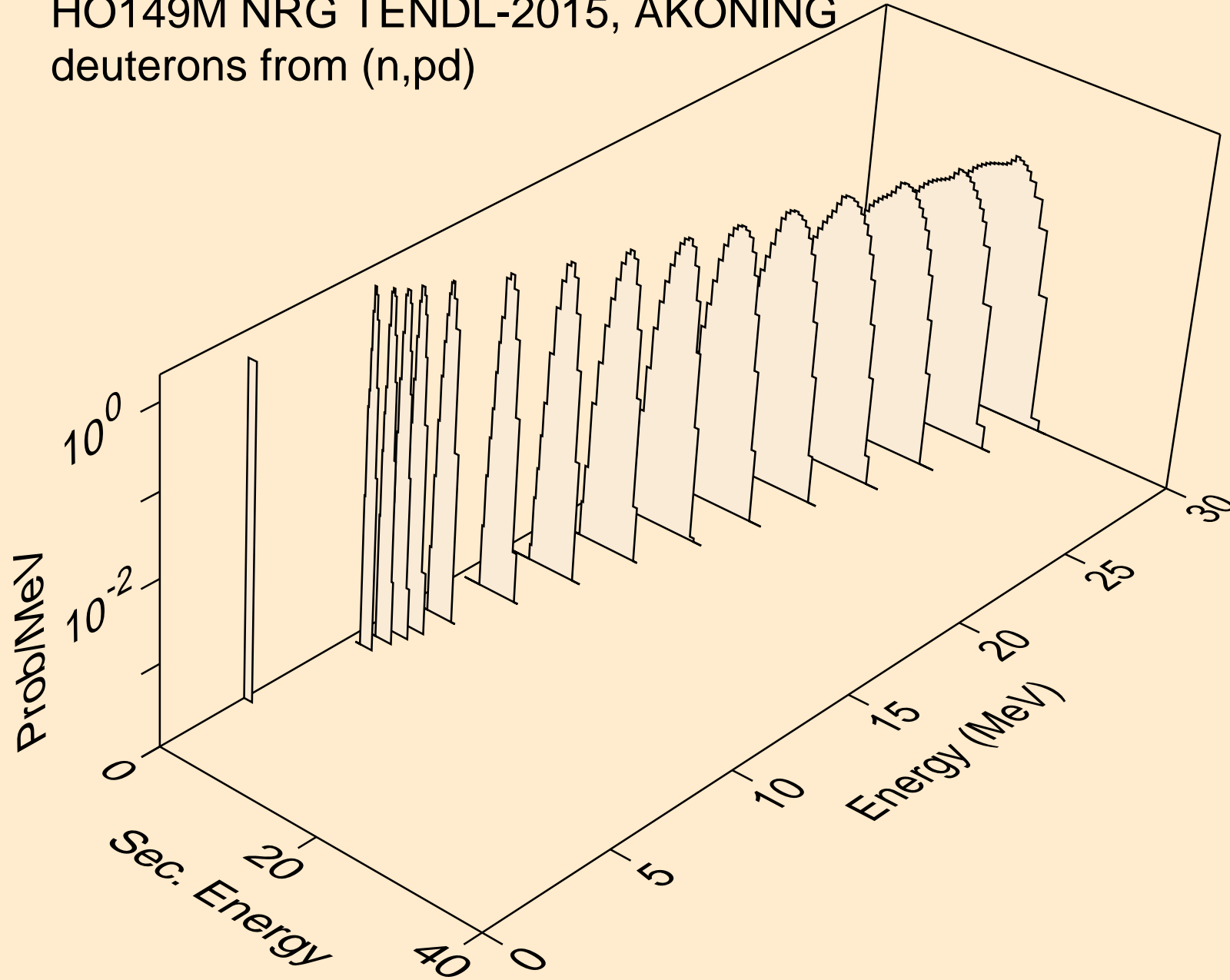


HO149M NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

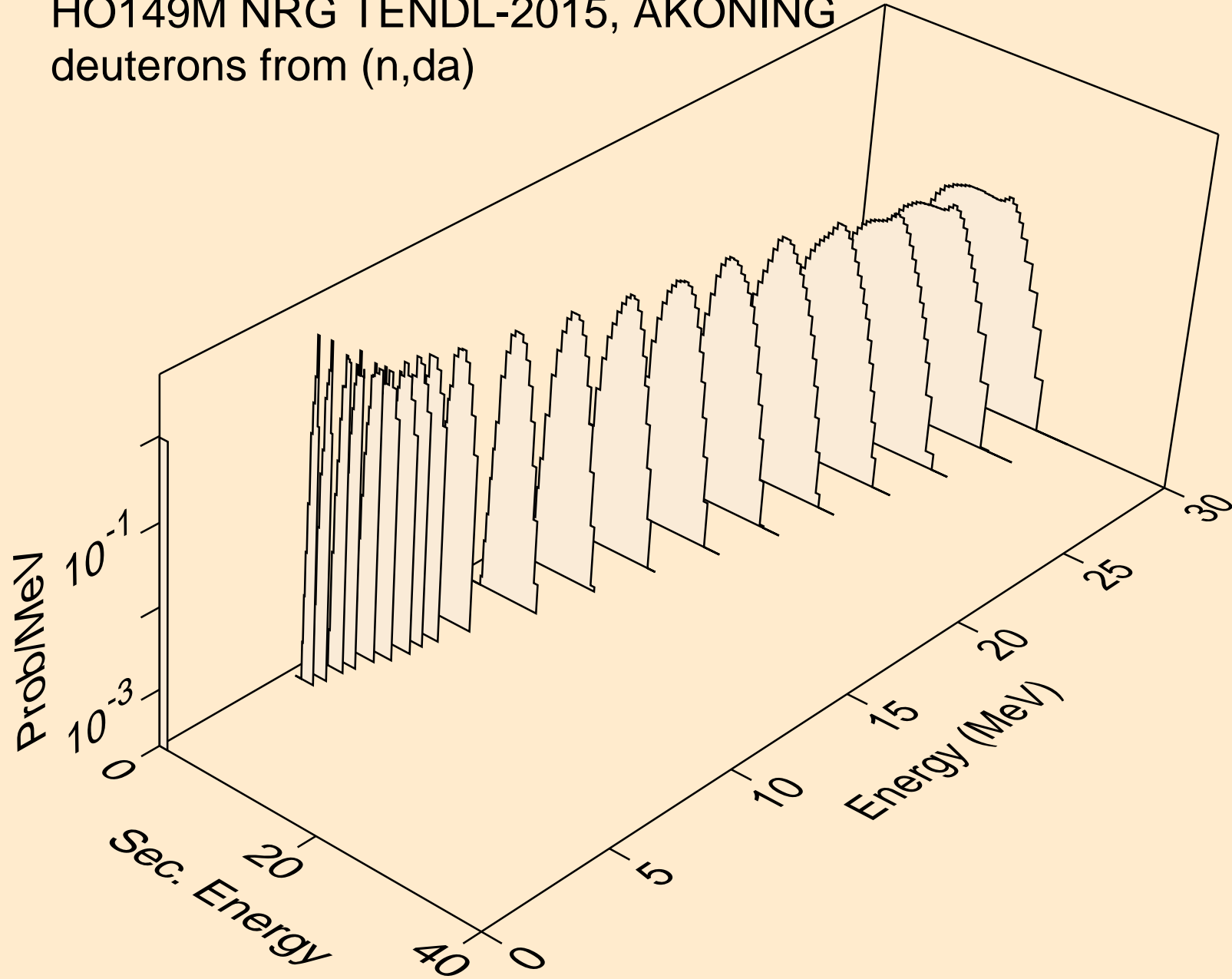




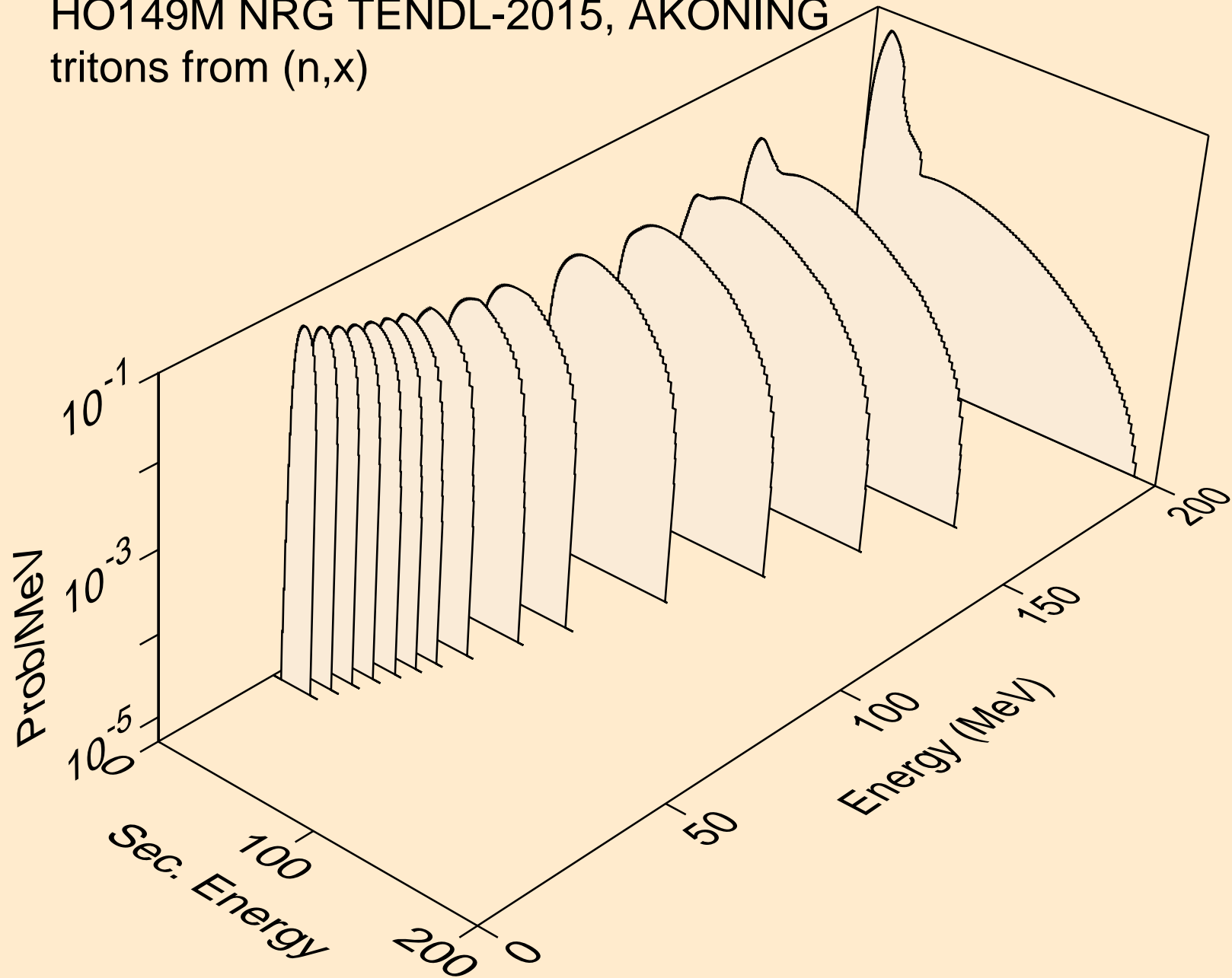
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deuterons from (n,pd)



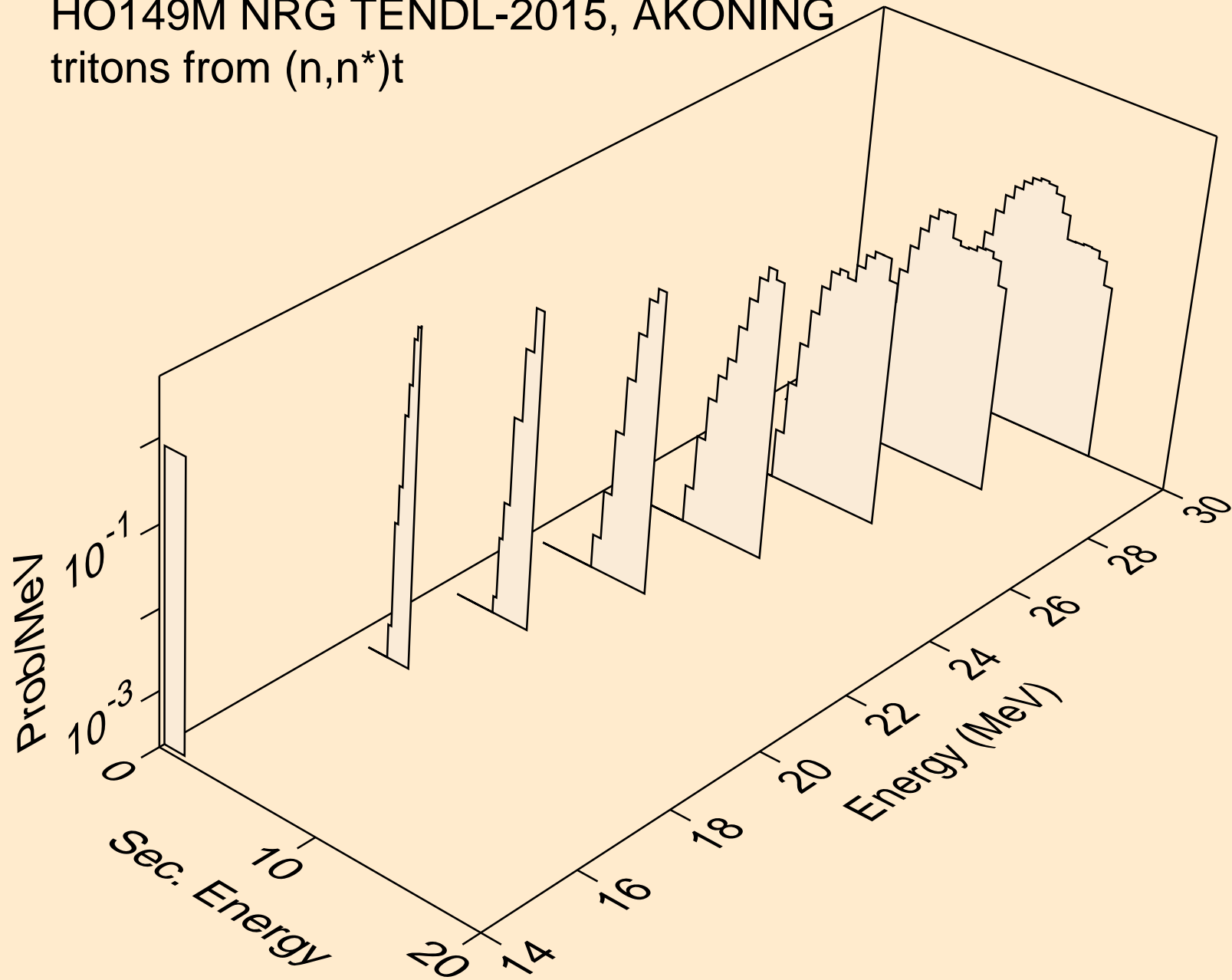
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deuterons from (n,da)



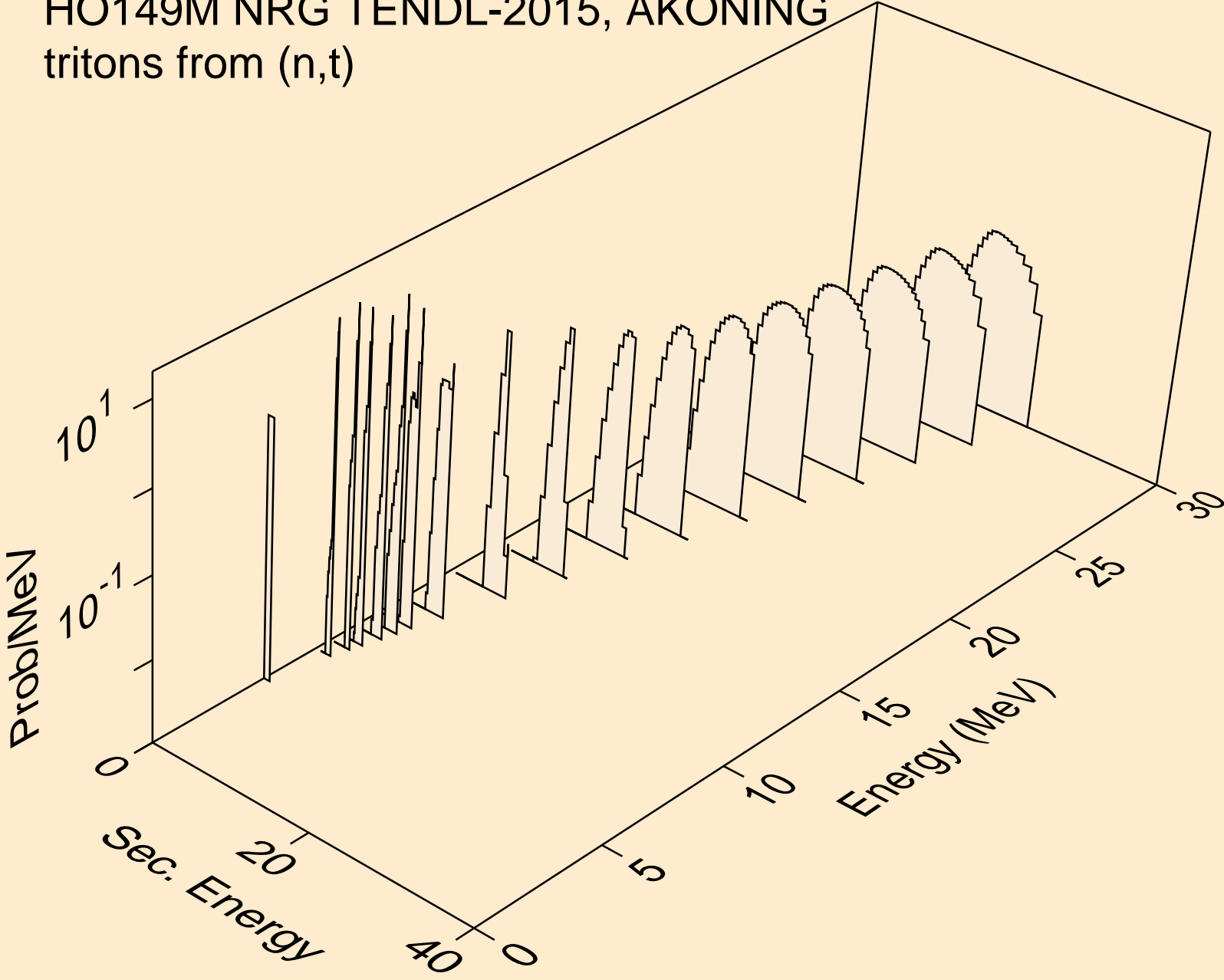
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tritons from (n,x)



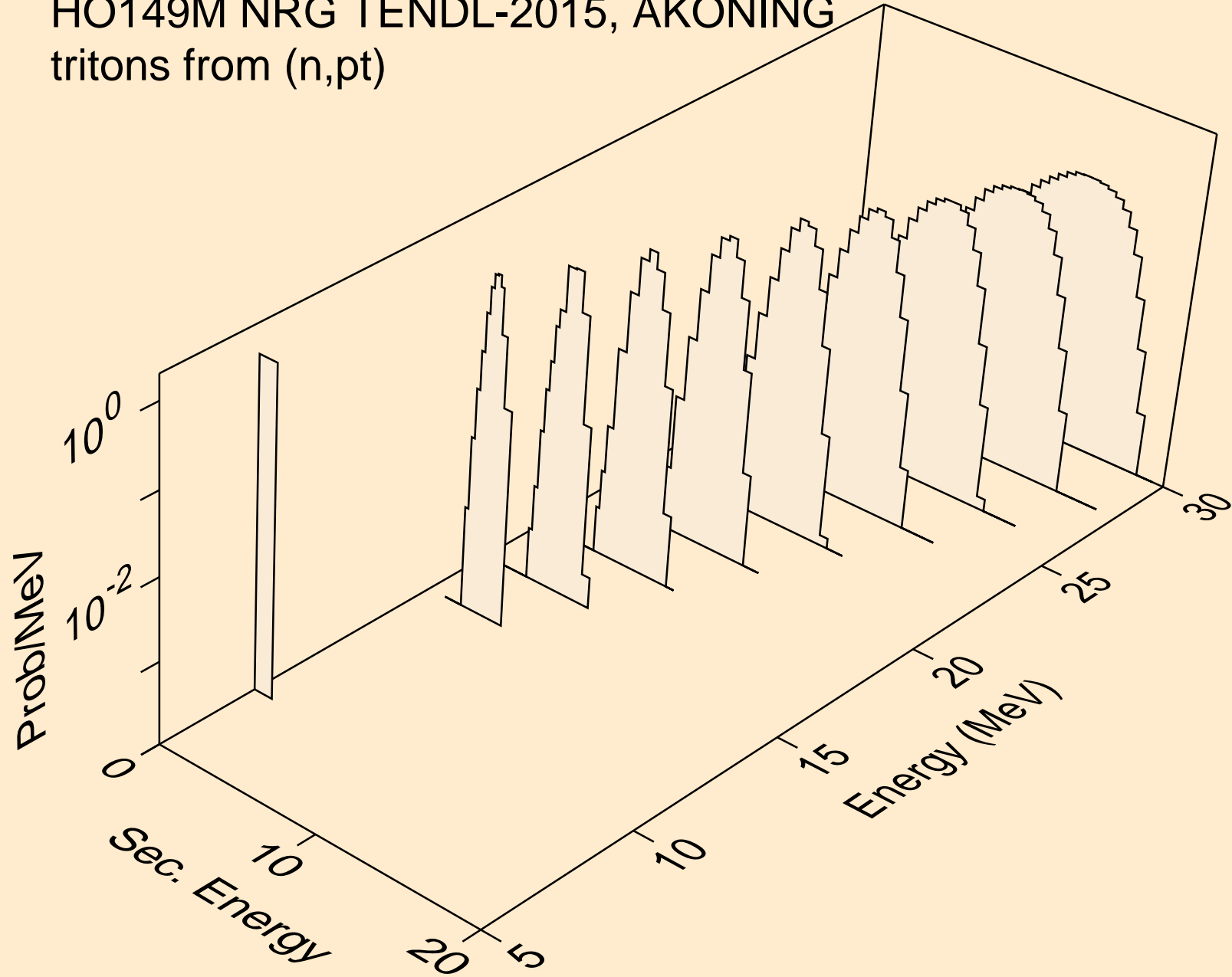
HO149M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



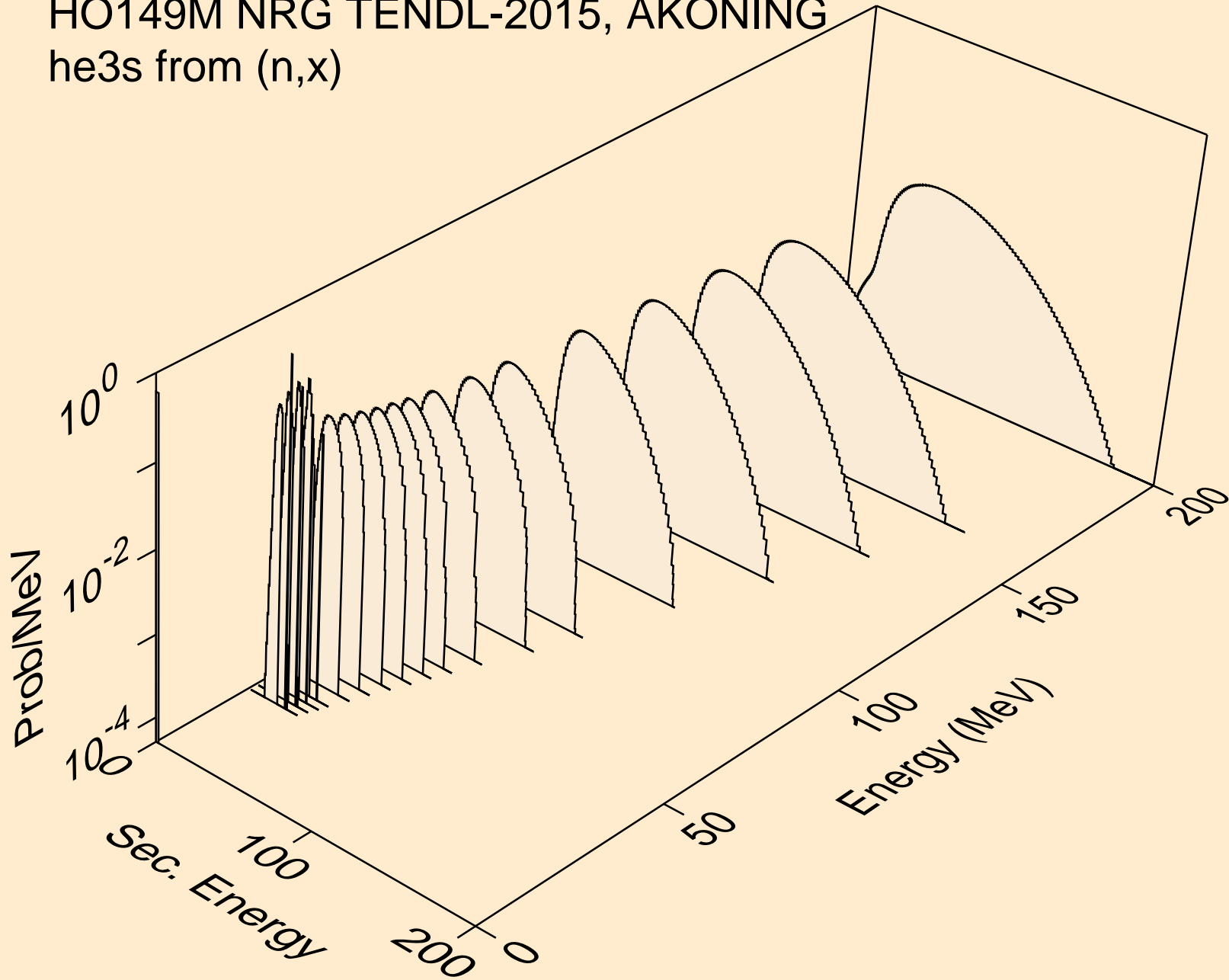
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tritons from (n,t)



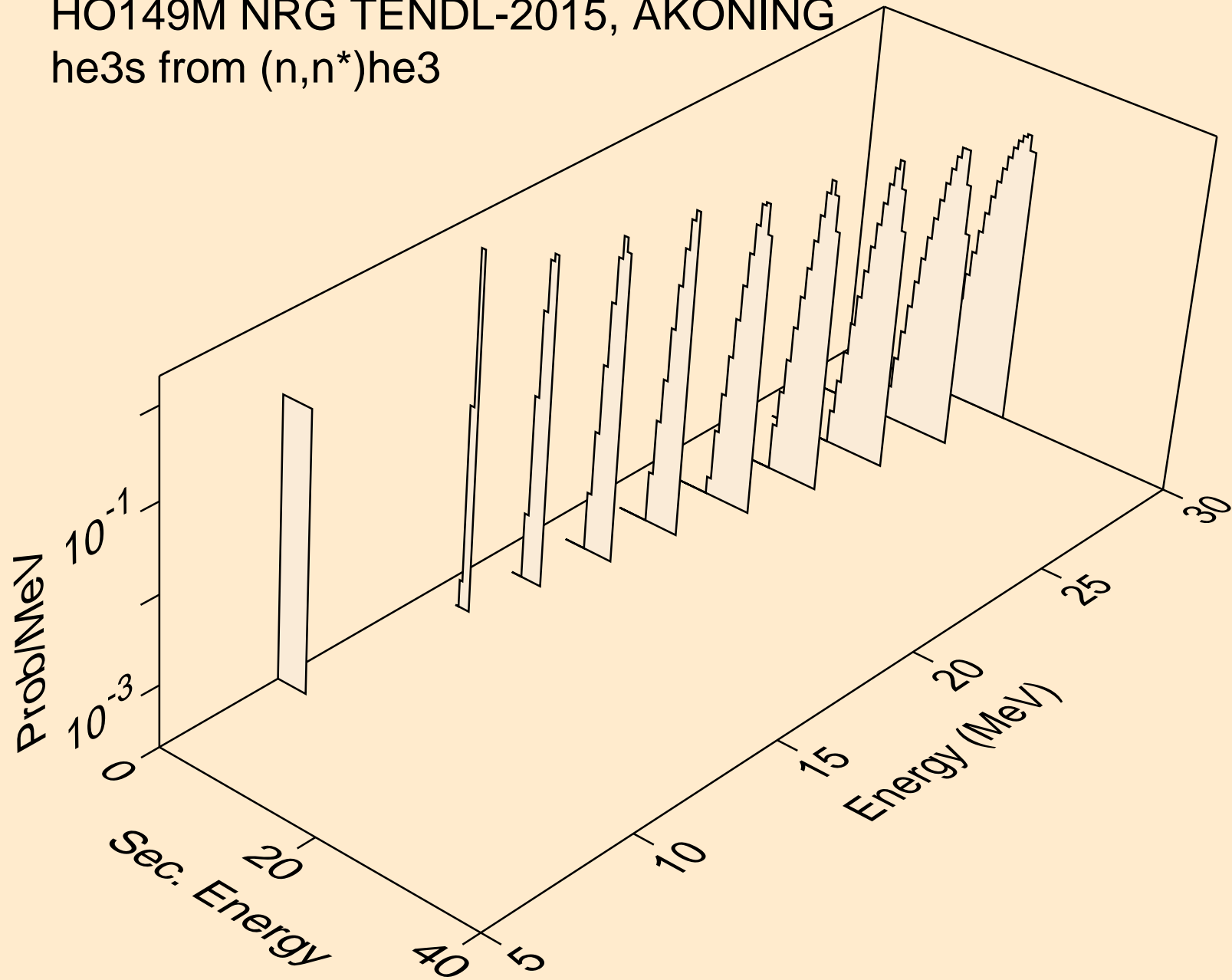
HO149M NRG TENDL-2015, AKONING  
tritons from (n,pt)



HO149M NRG TENDL-2015, AKONING  
he3s from (n,x)

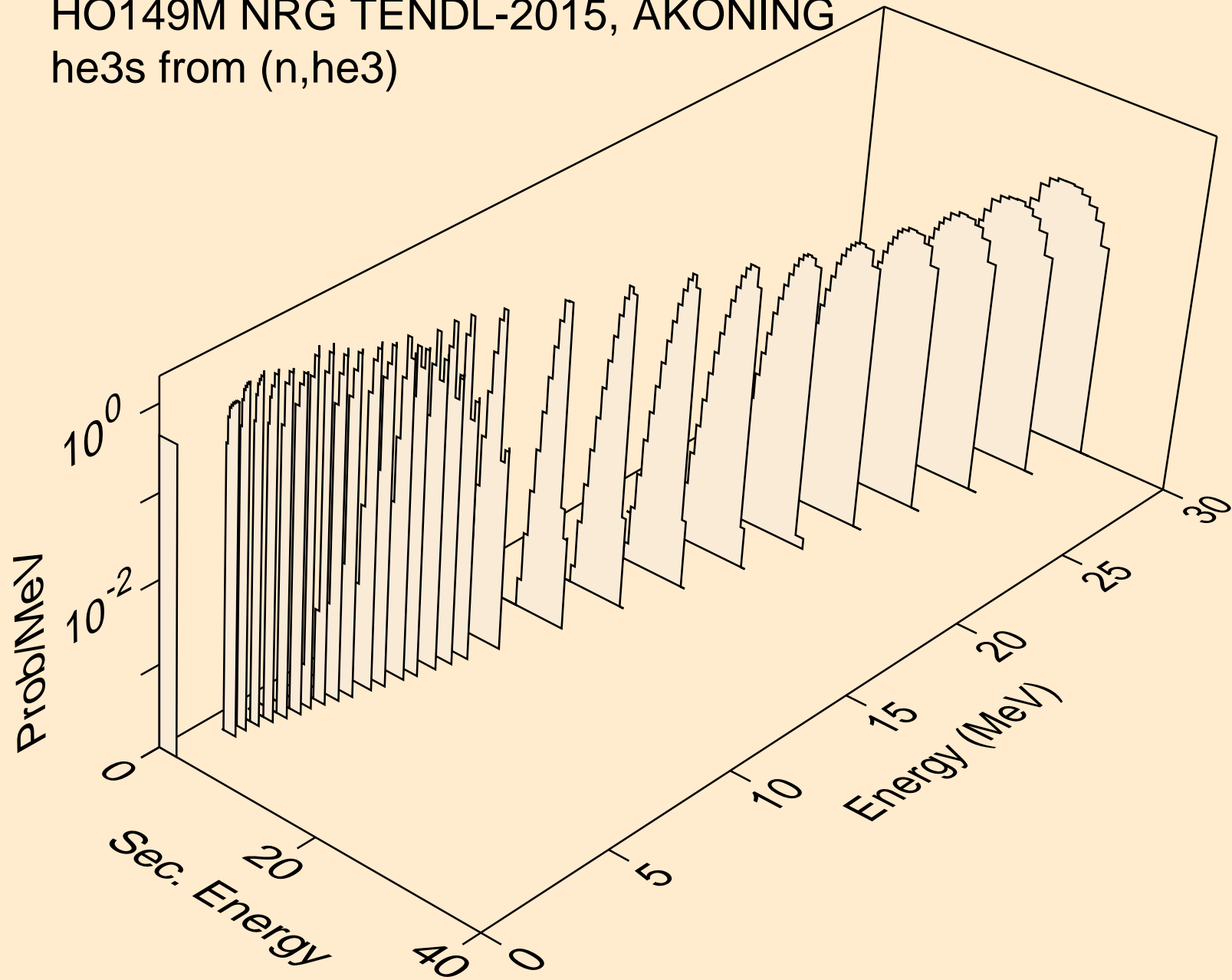


HO149M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

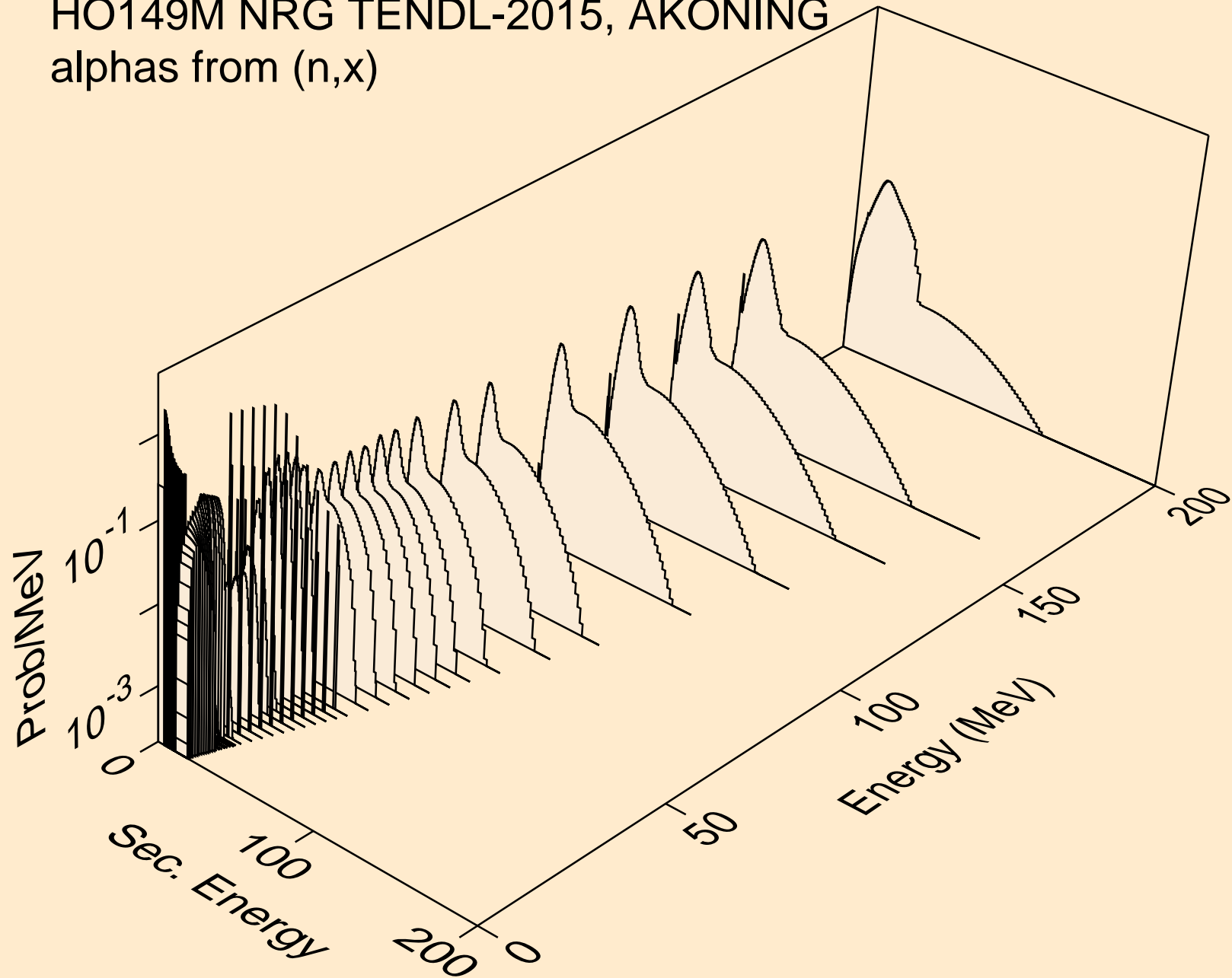




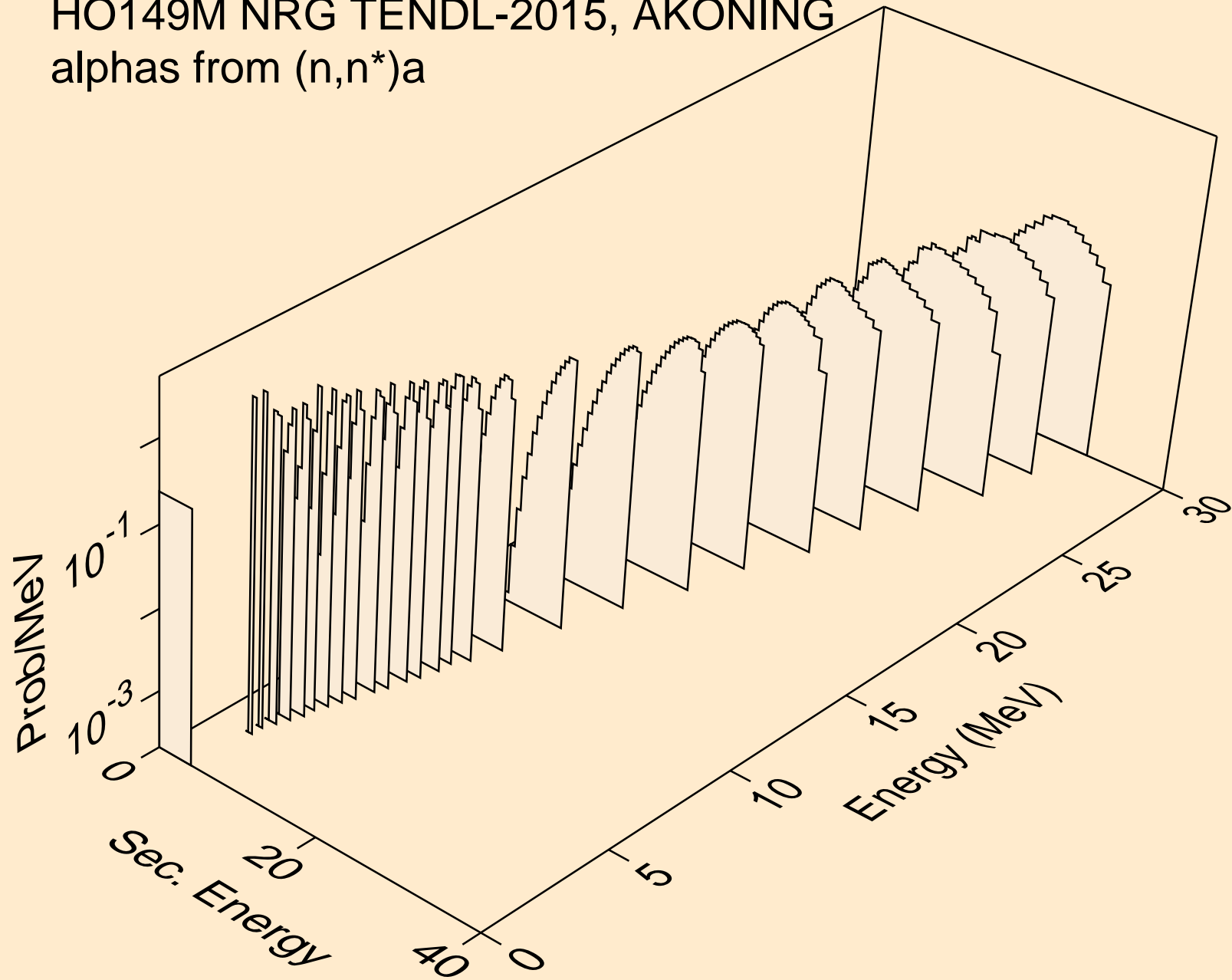
HO149M NRG TENDL-2015, AKONING  
he3s from (n,he3)



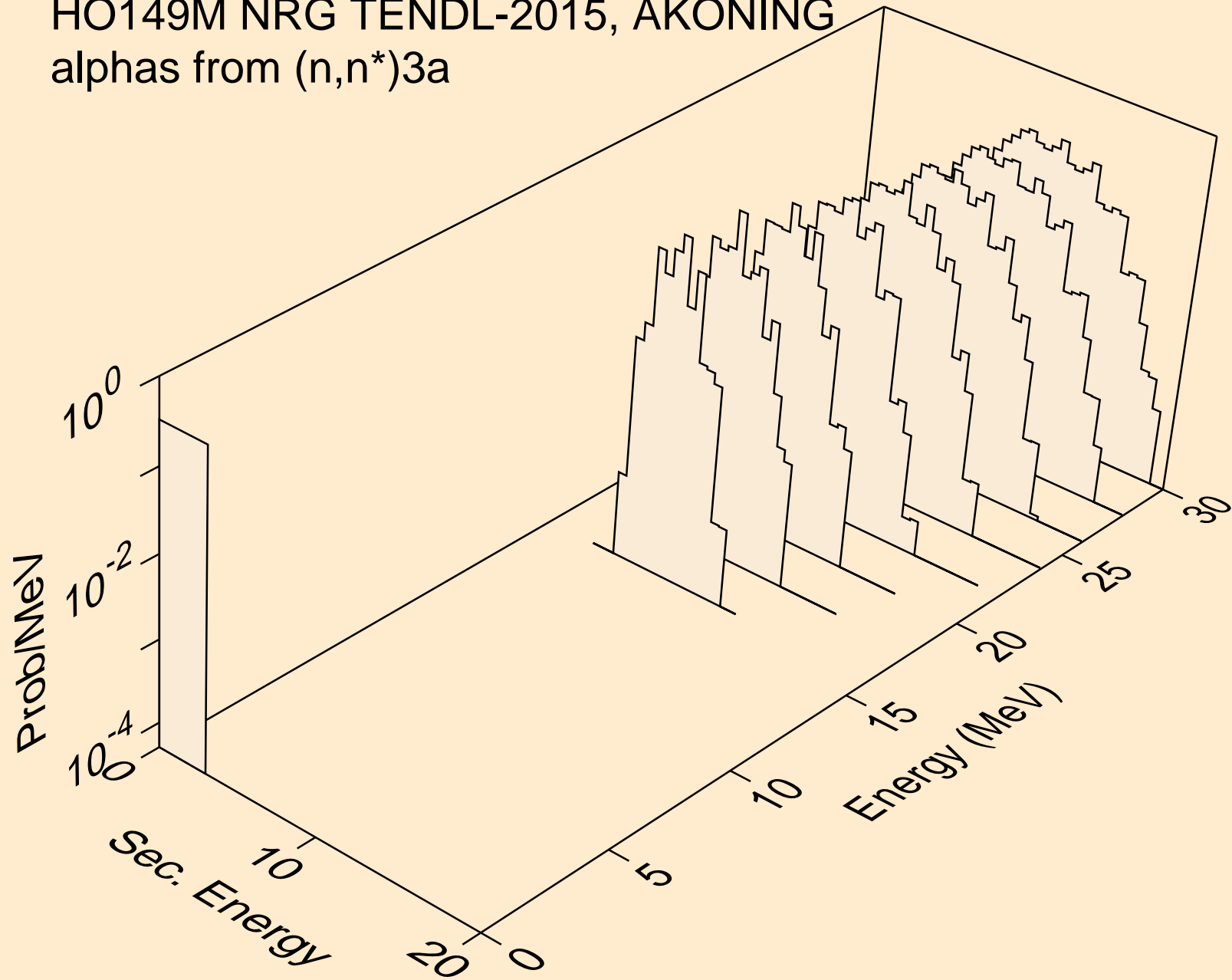
HO149M NRG TENDL-2015, AKONING  
alphas from (n,x)



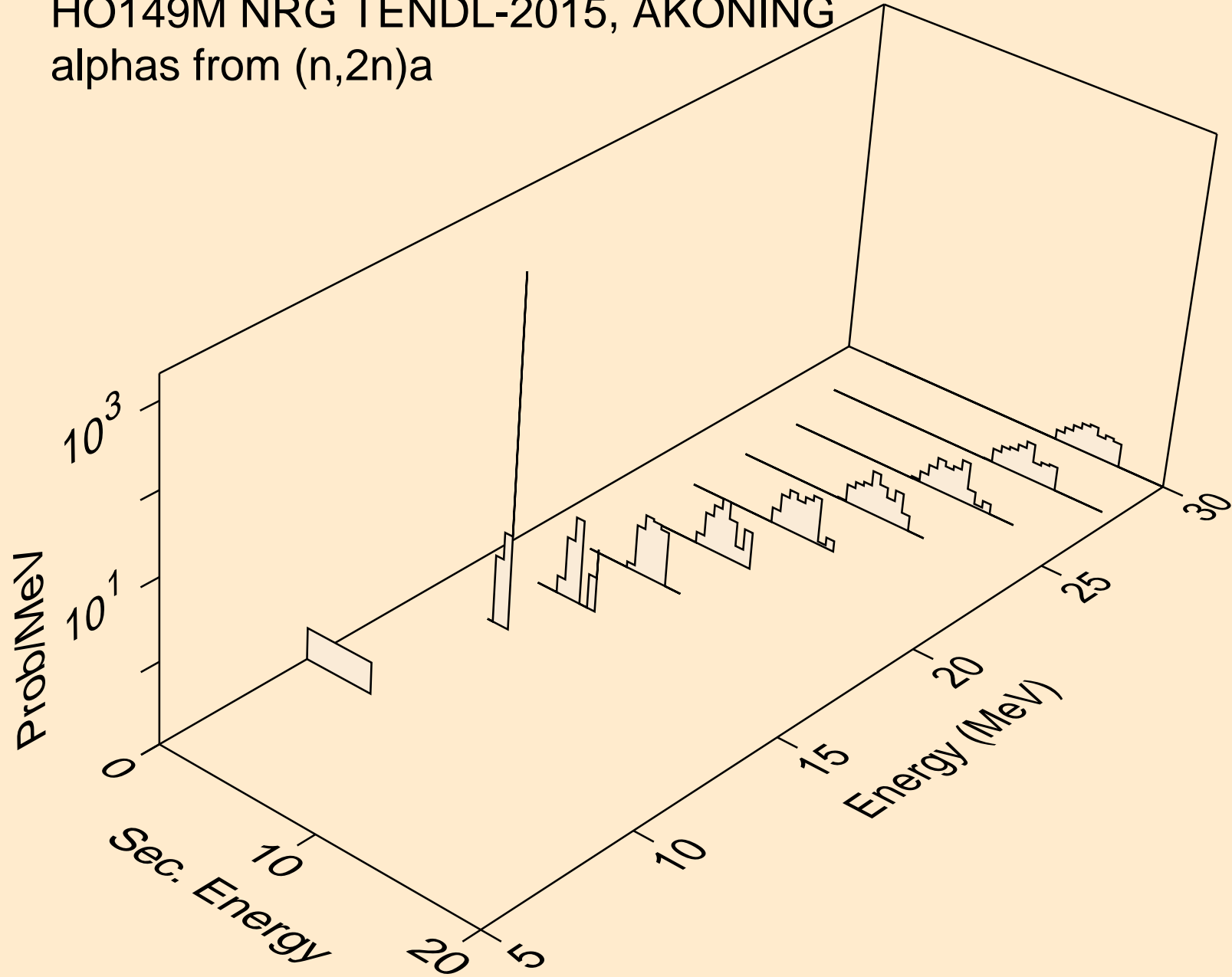
HO149M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



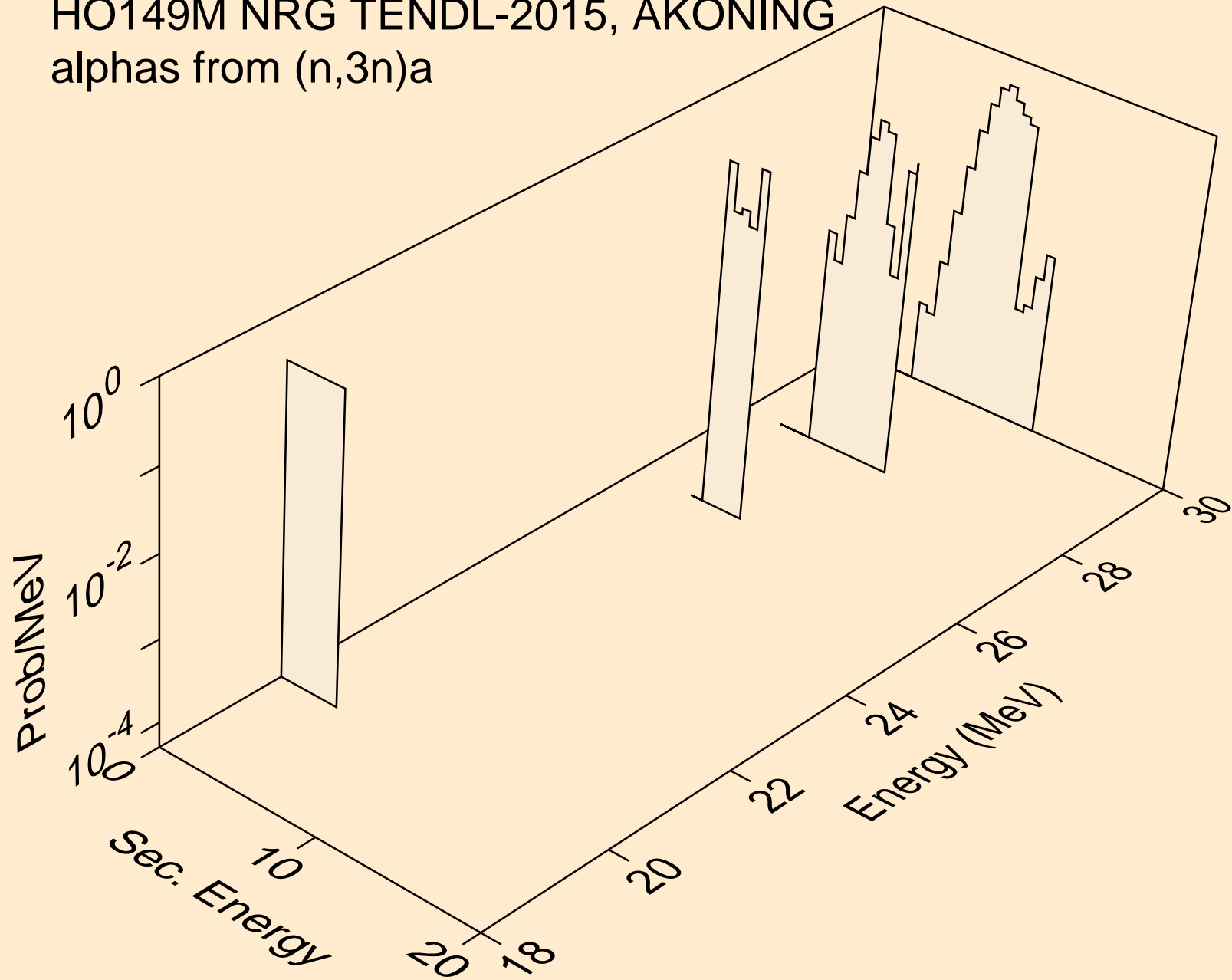
HO149M NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



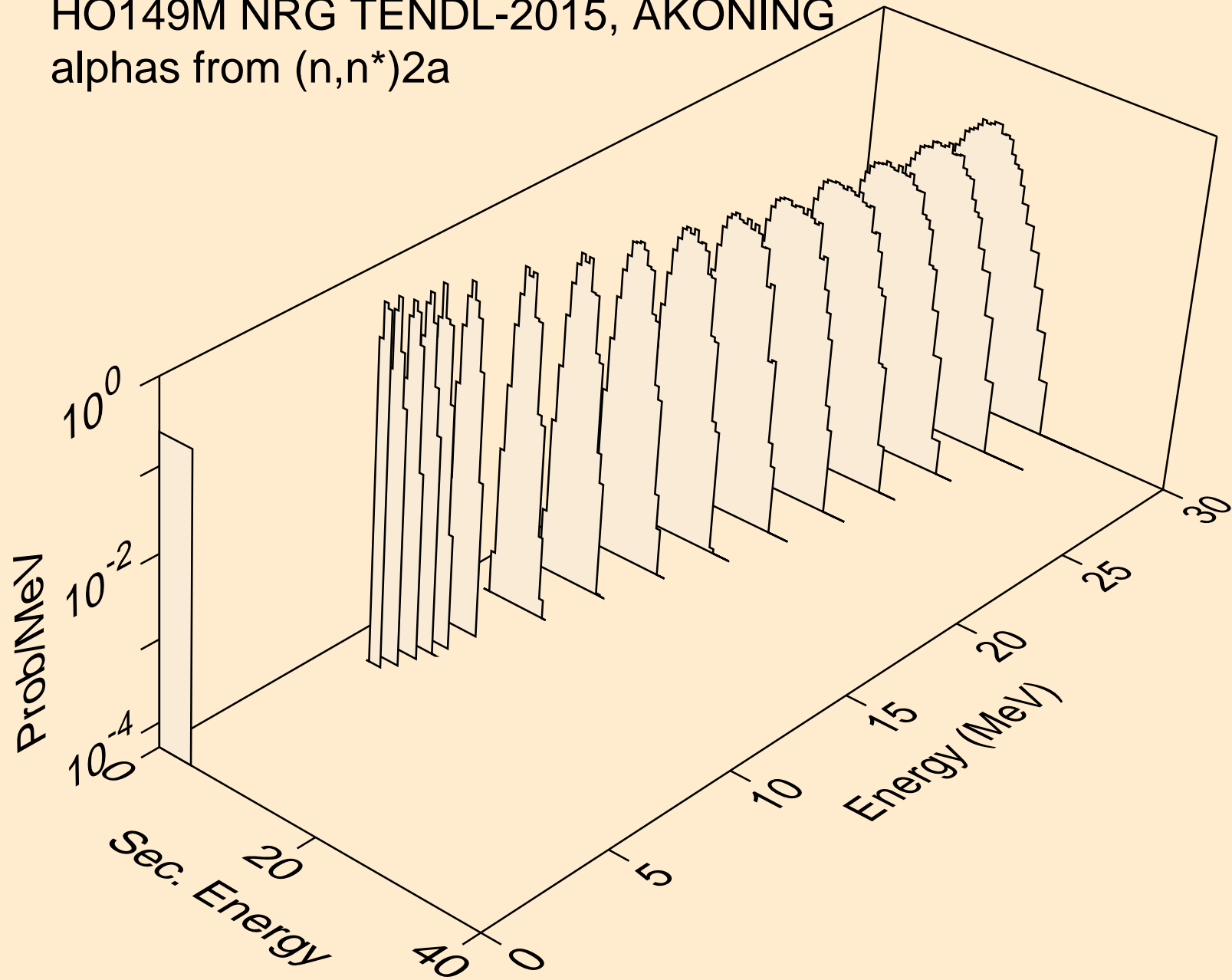
HO149M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



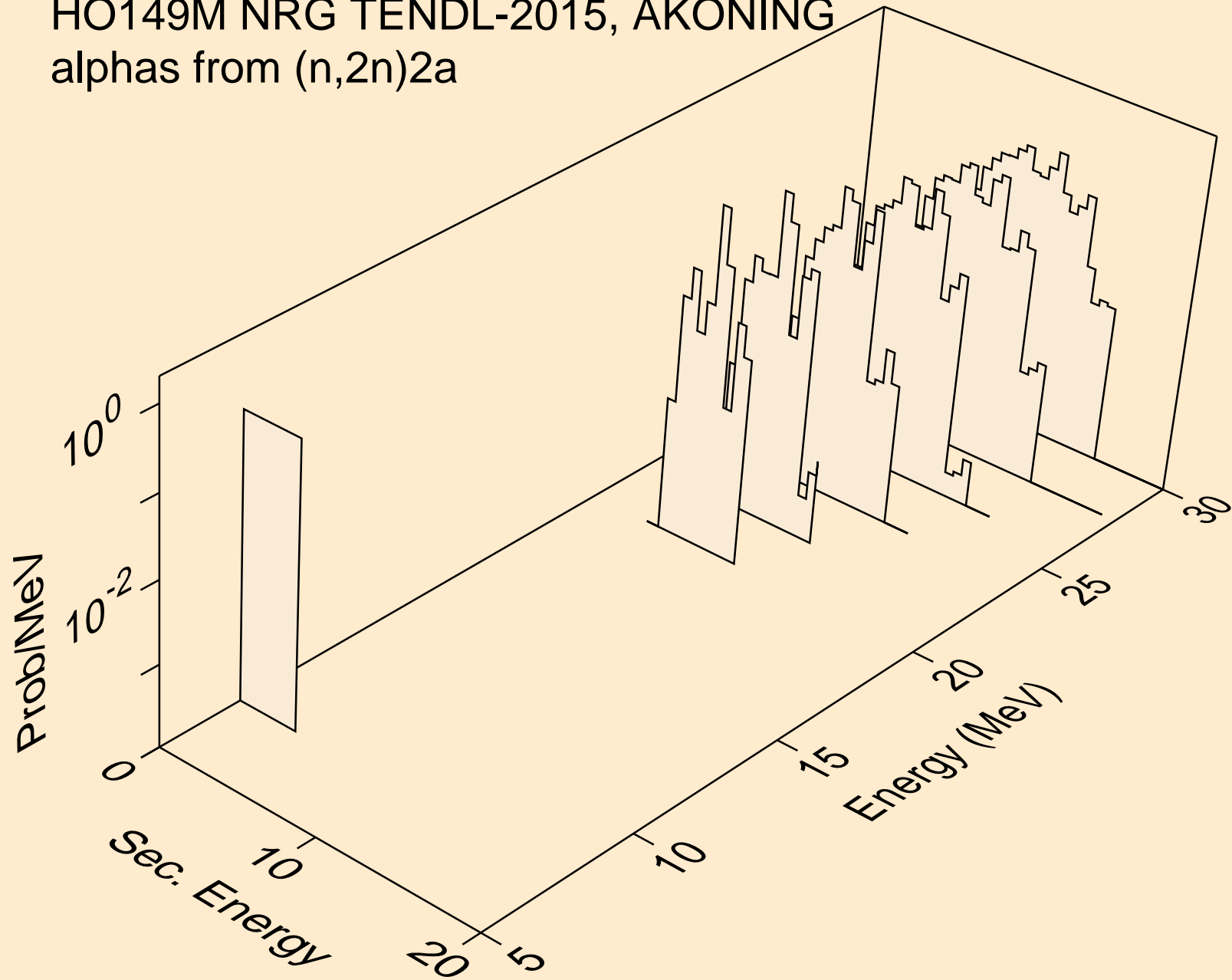
HO149M NRG TENDL-2015, AKONING  
alphas from (n,3n)a



HO149M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

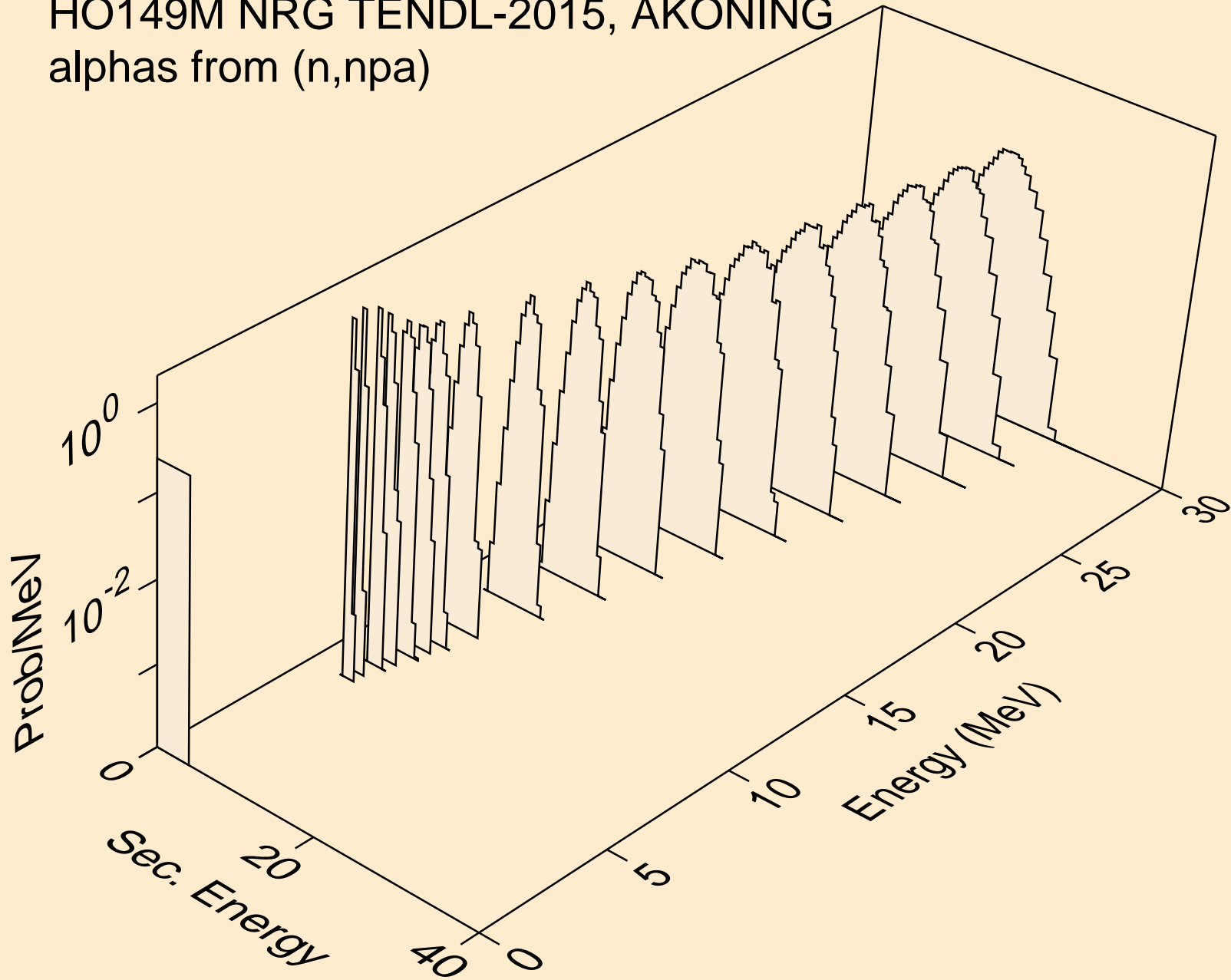


HO149M NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

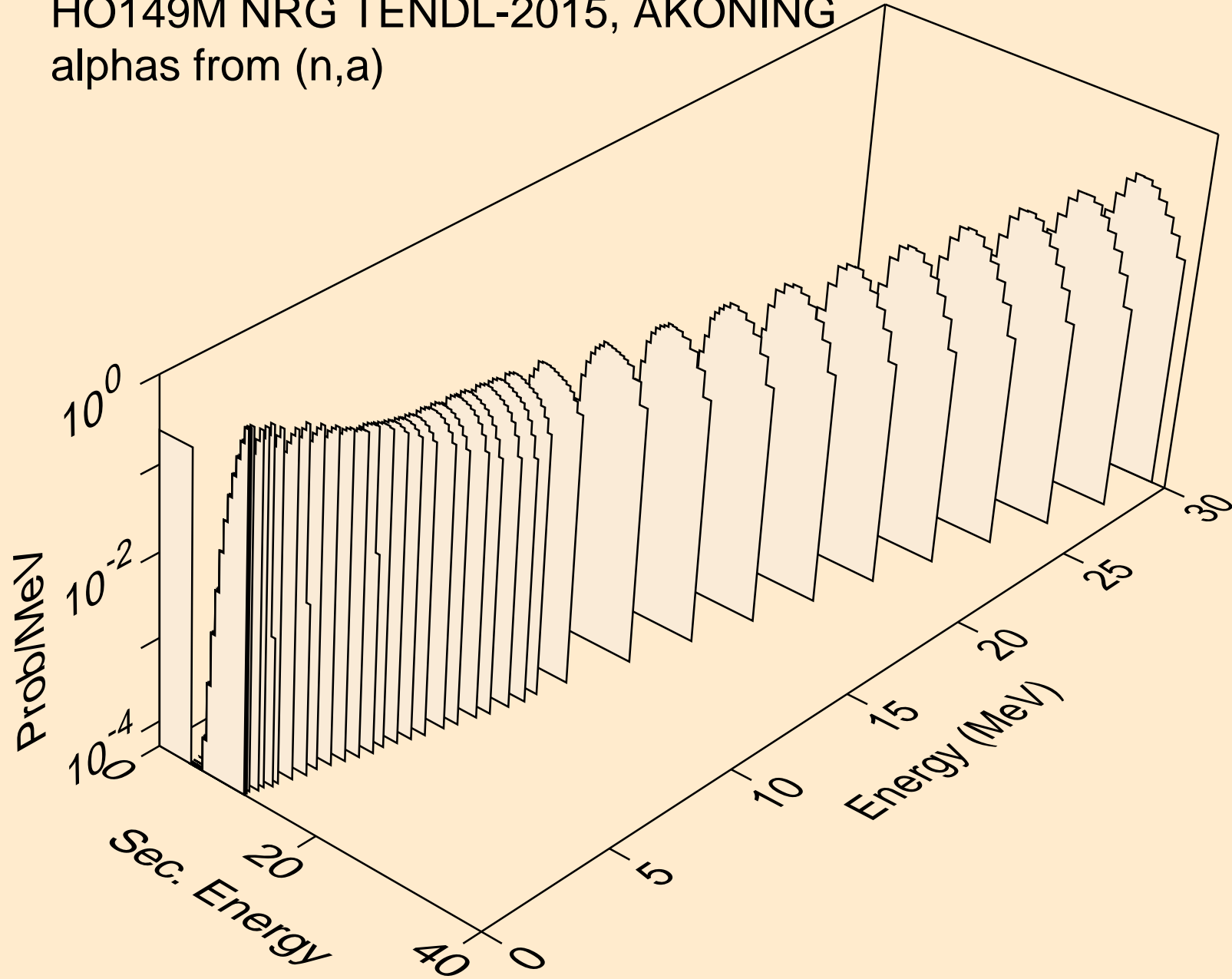




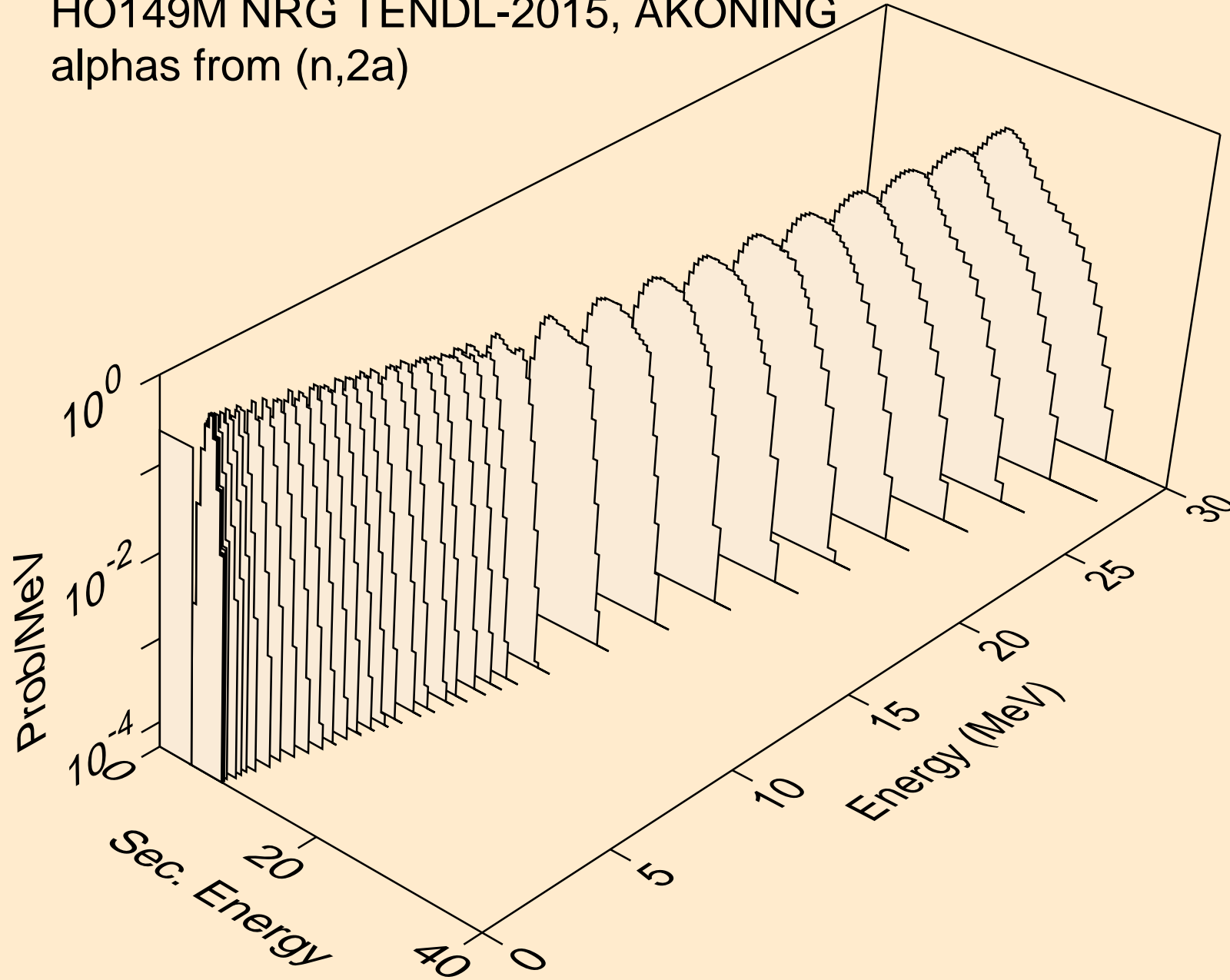
HO149M NRG TENDL-2015, AKONING  
alphas from (n,npa)



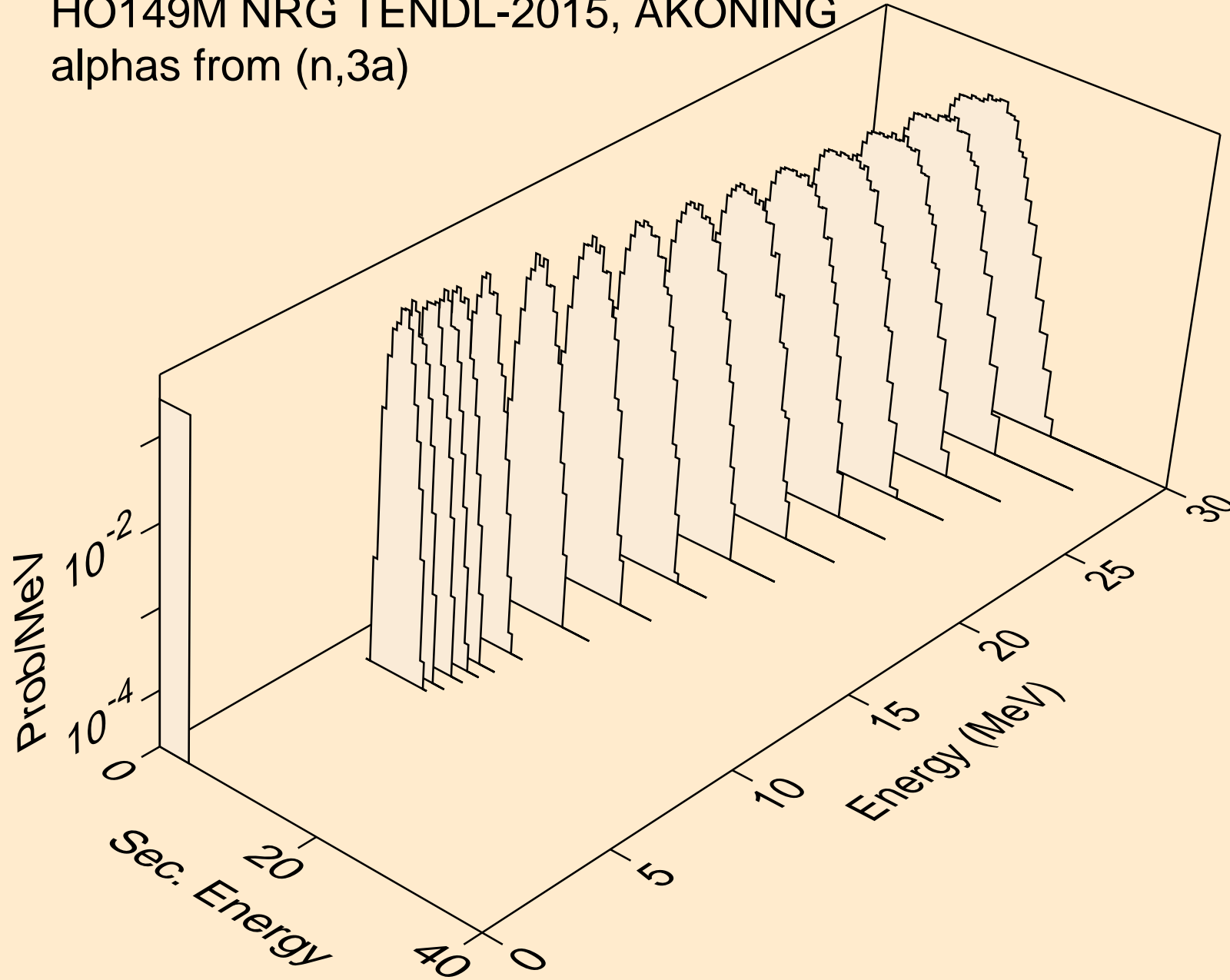
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alphas from (n,a)



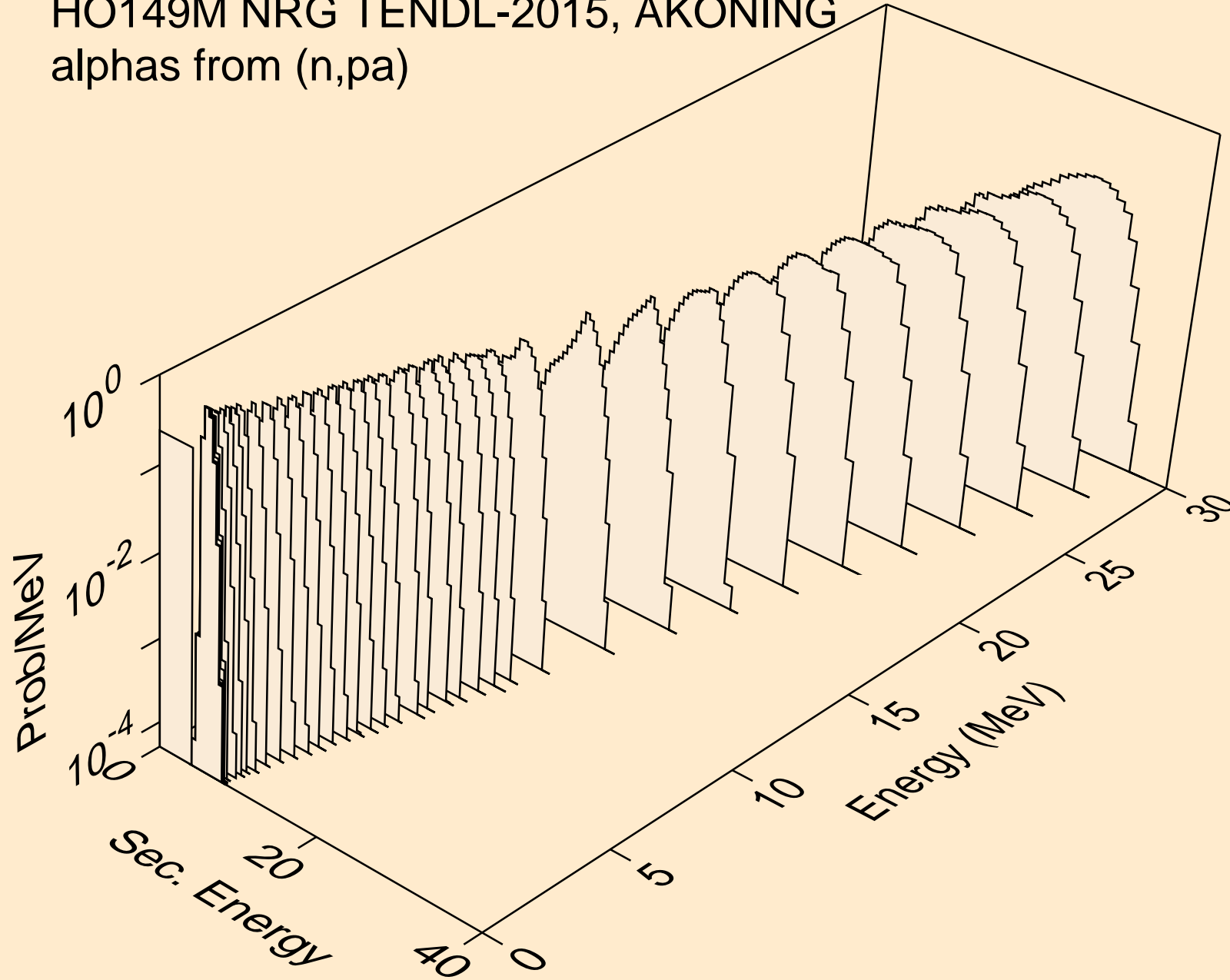
HO149M NRG TENDL-2015, AKONING  
alphas from (n,2a)



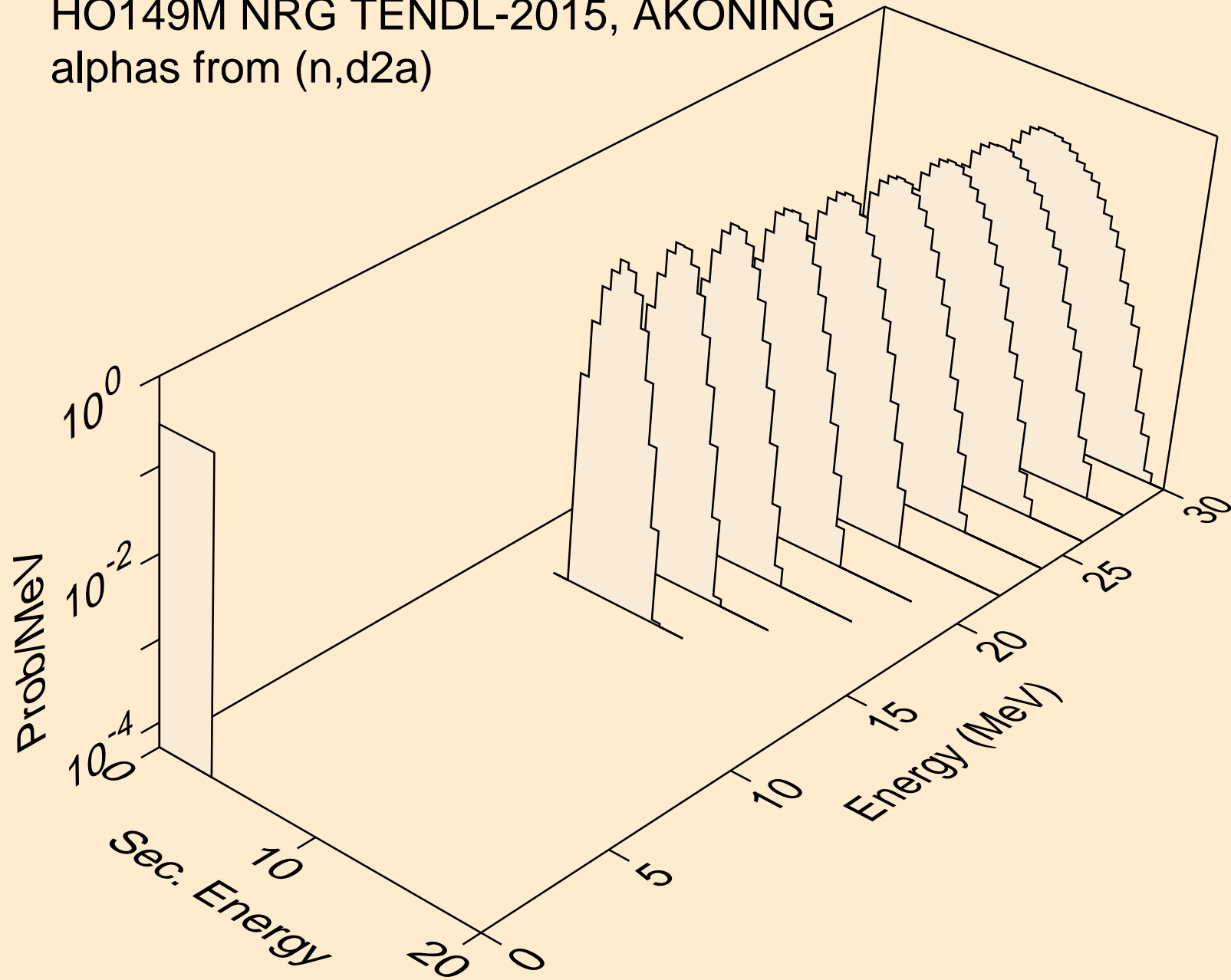
HO149M NRG TENDL-2015, AKONING  
alphas from (n,3a)



HO149M NRG TENDL-2015, AKONING  
alphas from (n,pa)



HO149M NRG TENDL-2015, AKONING  
alphas from (n,d2a)



HO149M NRG TENDL-2015, AKONING  
alphas from (n,da)

