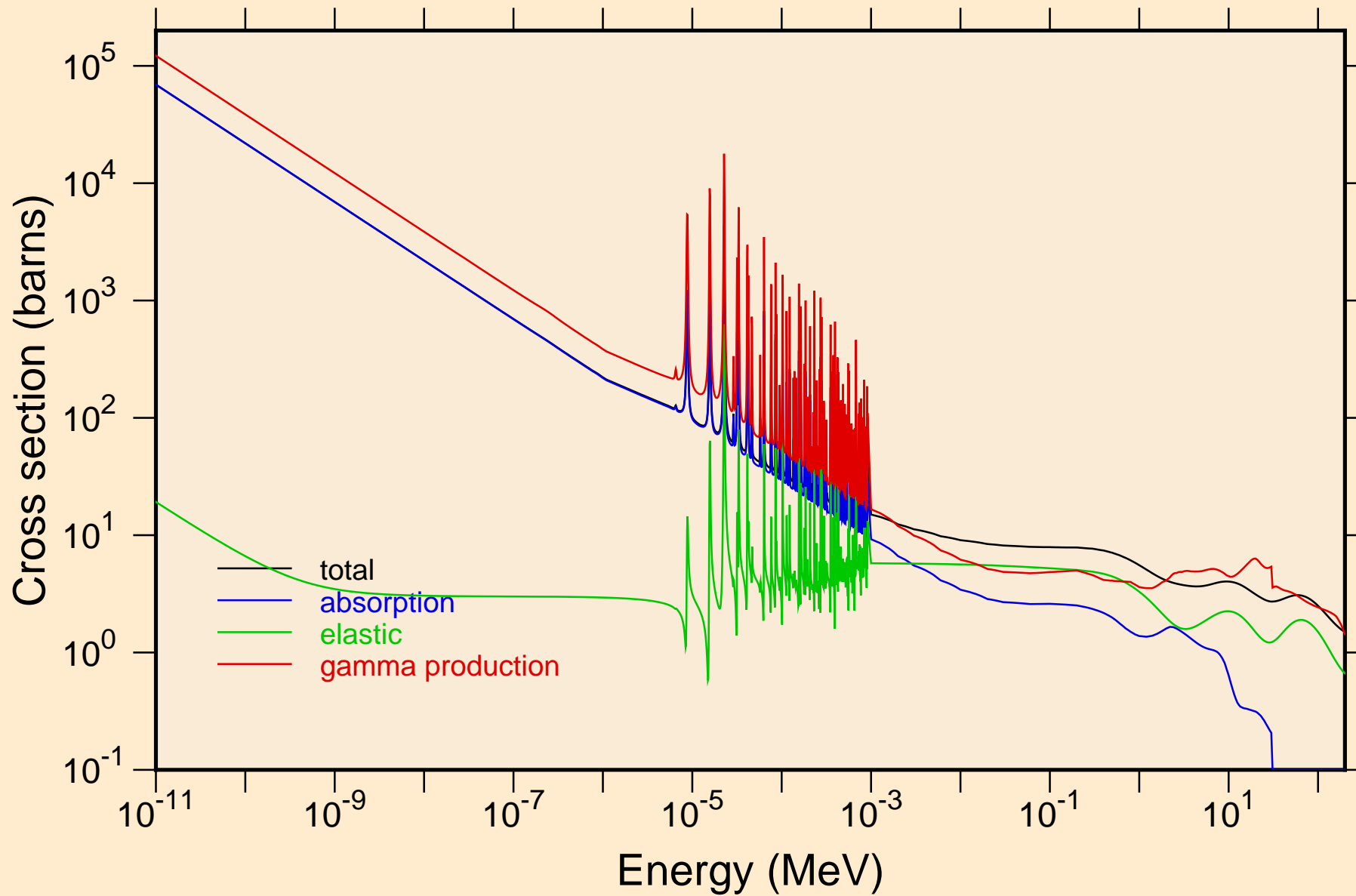
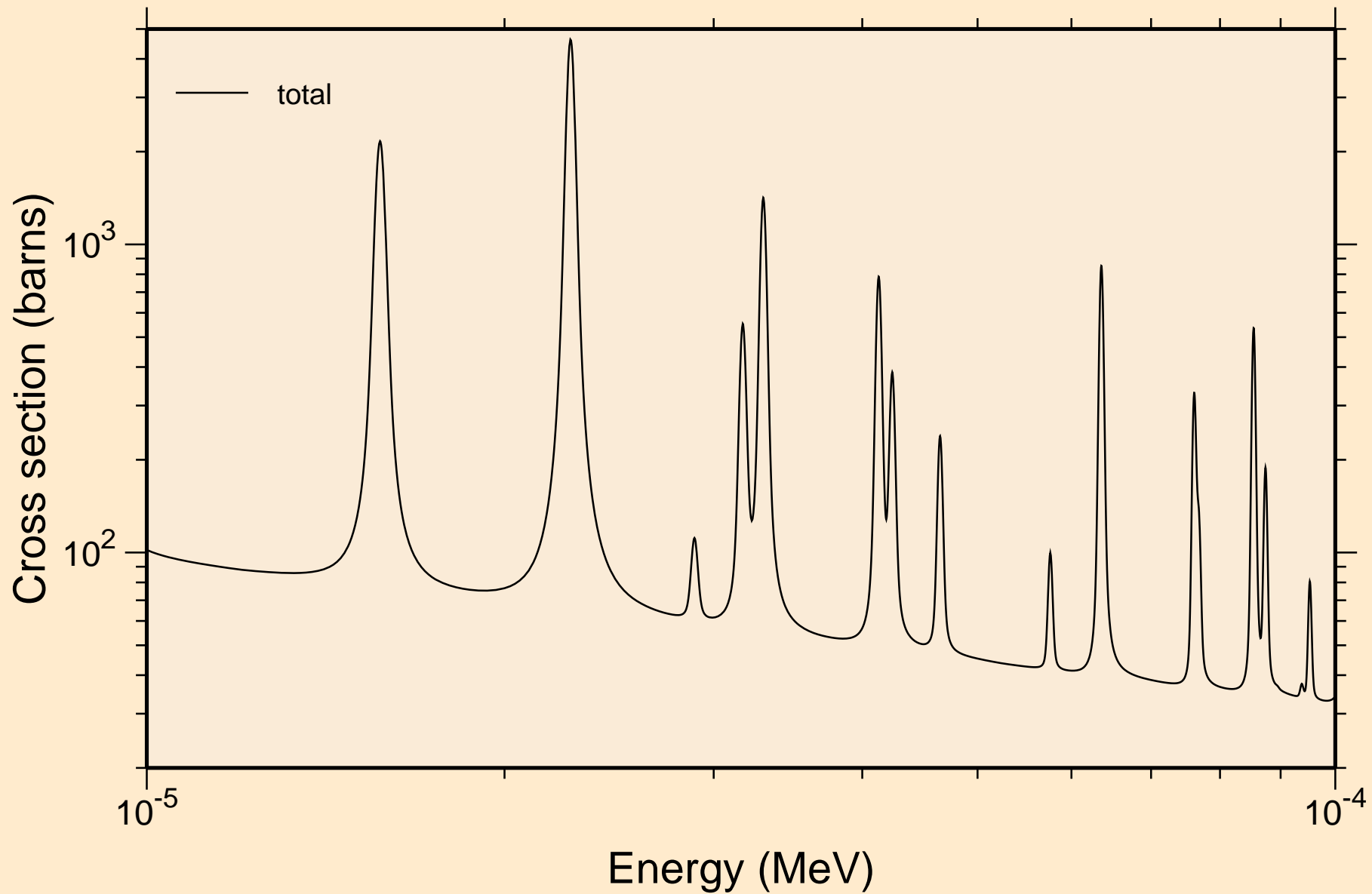


# Y083M NRG TENDL-2015, AKONING

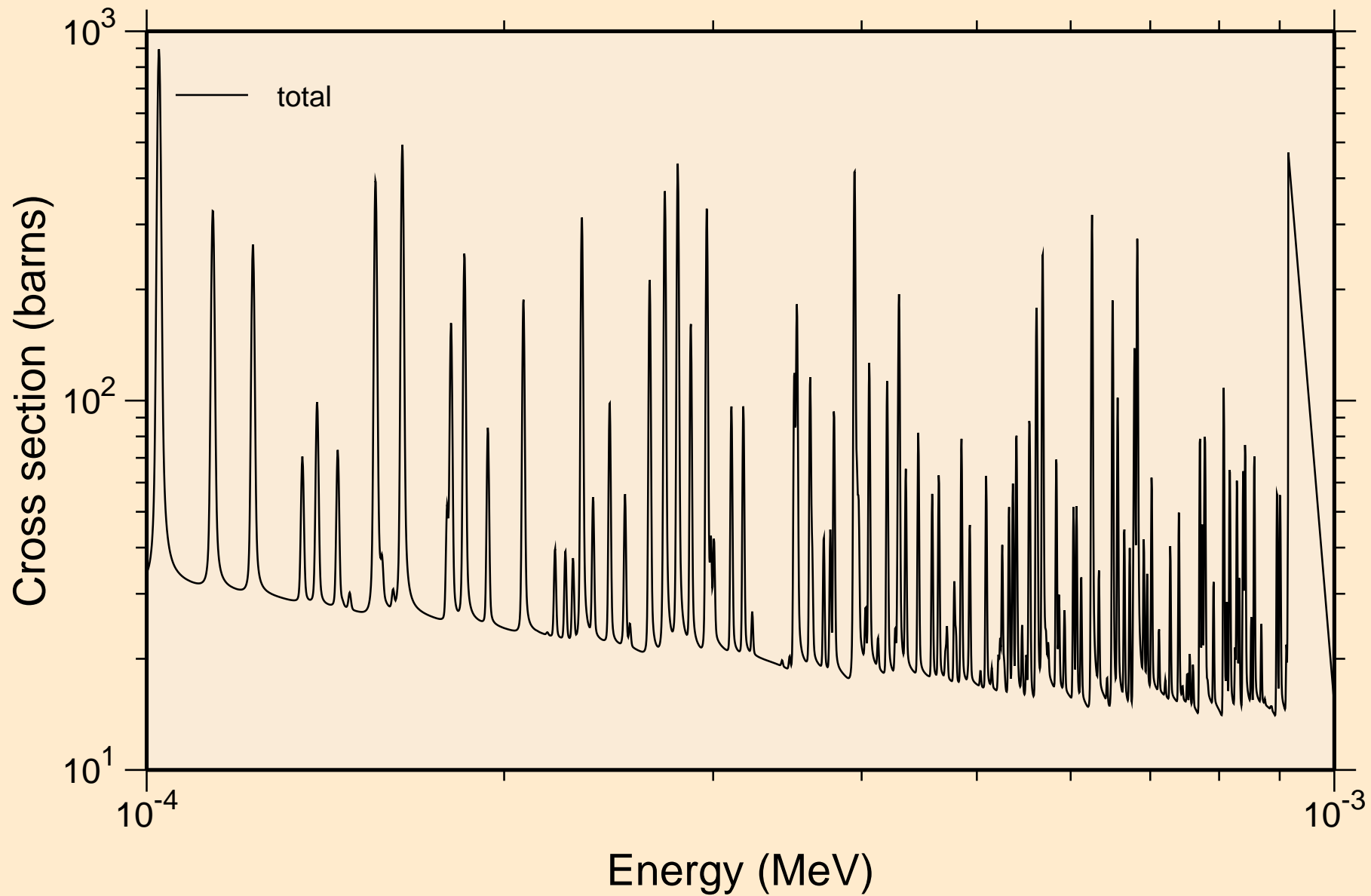
## Principal cross sections



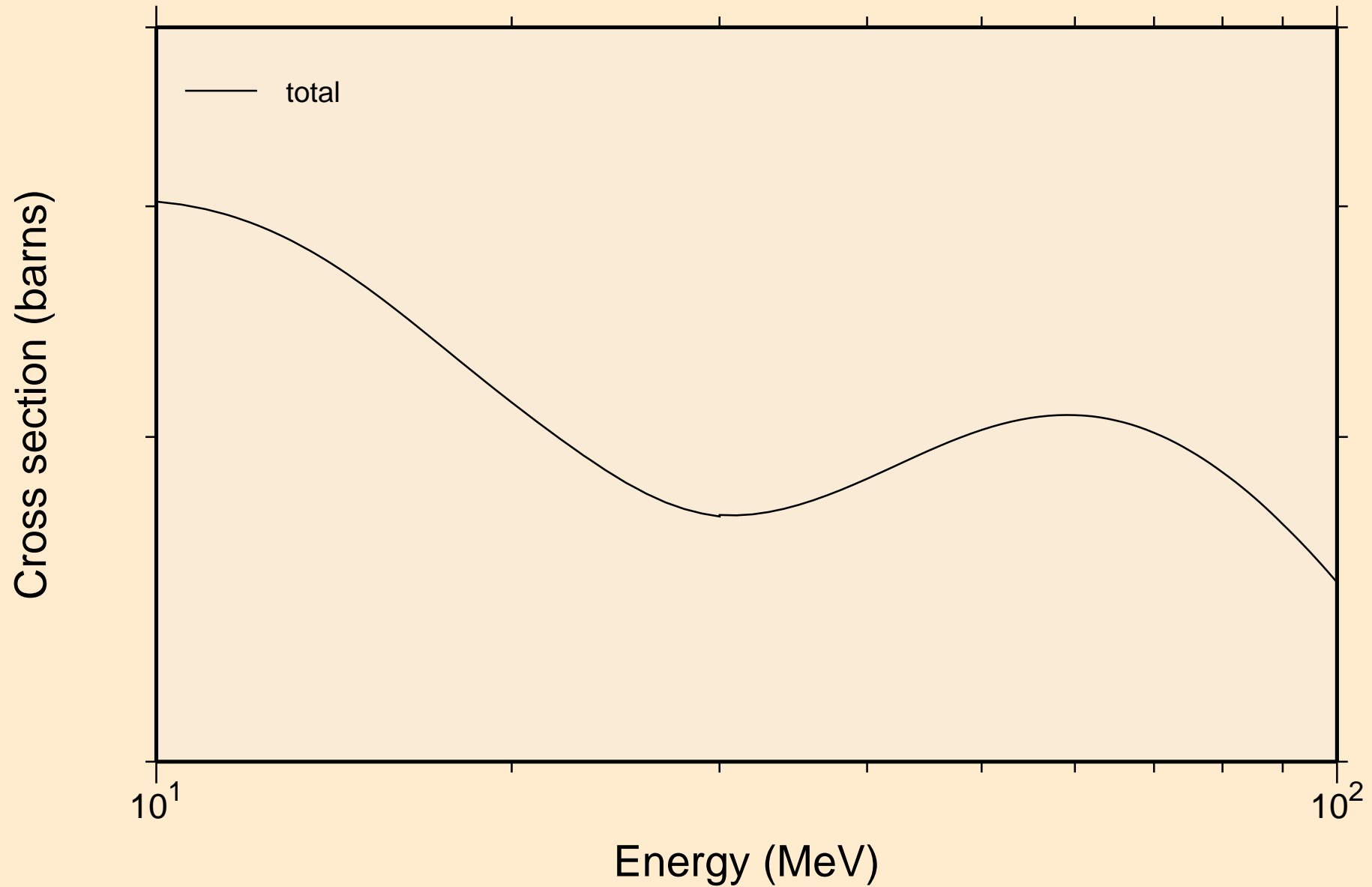
Y083M NRG TENDL-2015, AKONING  
resonance total cross section



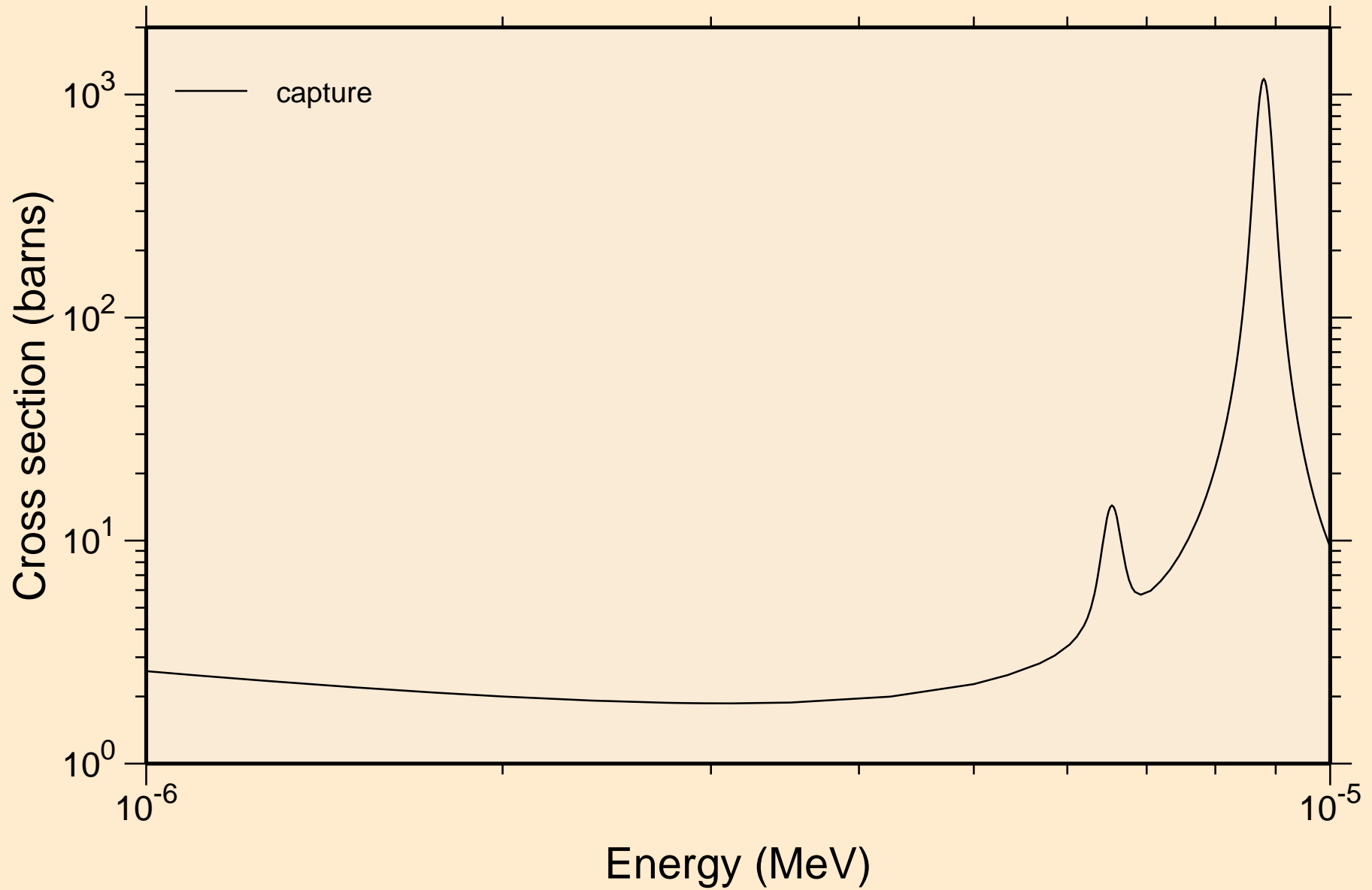
Y083M NRG TENDL-2015, AKONING  
resonance total cross section



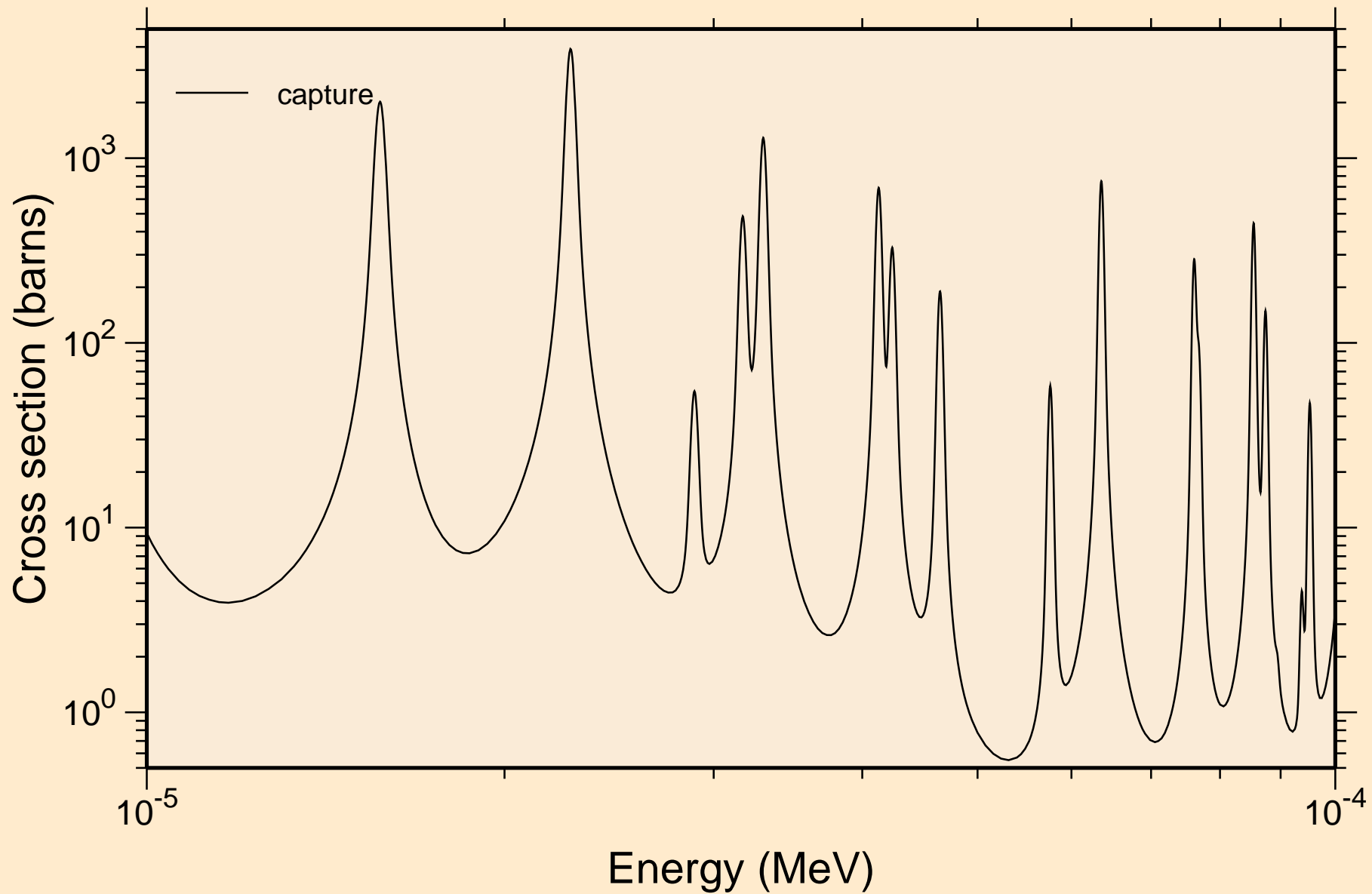
Y083M NRG TENDL-2015, AKONING  
resonance total cross section



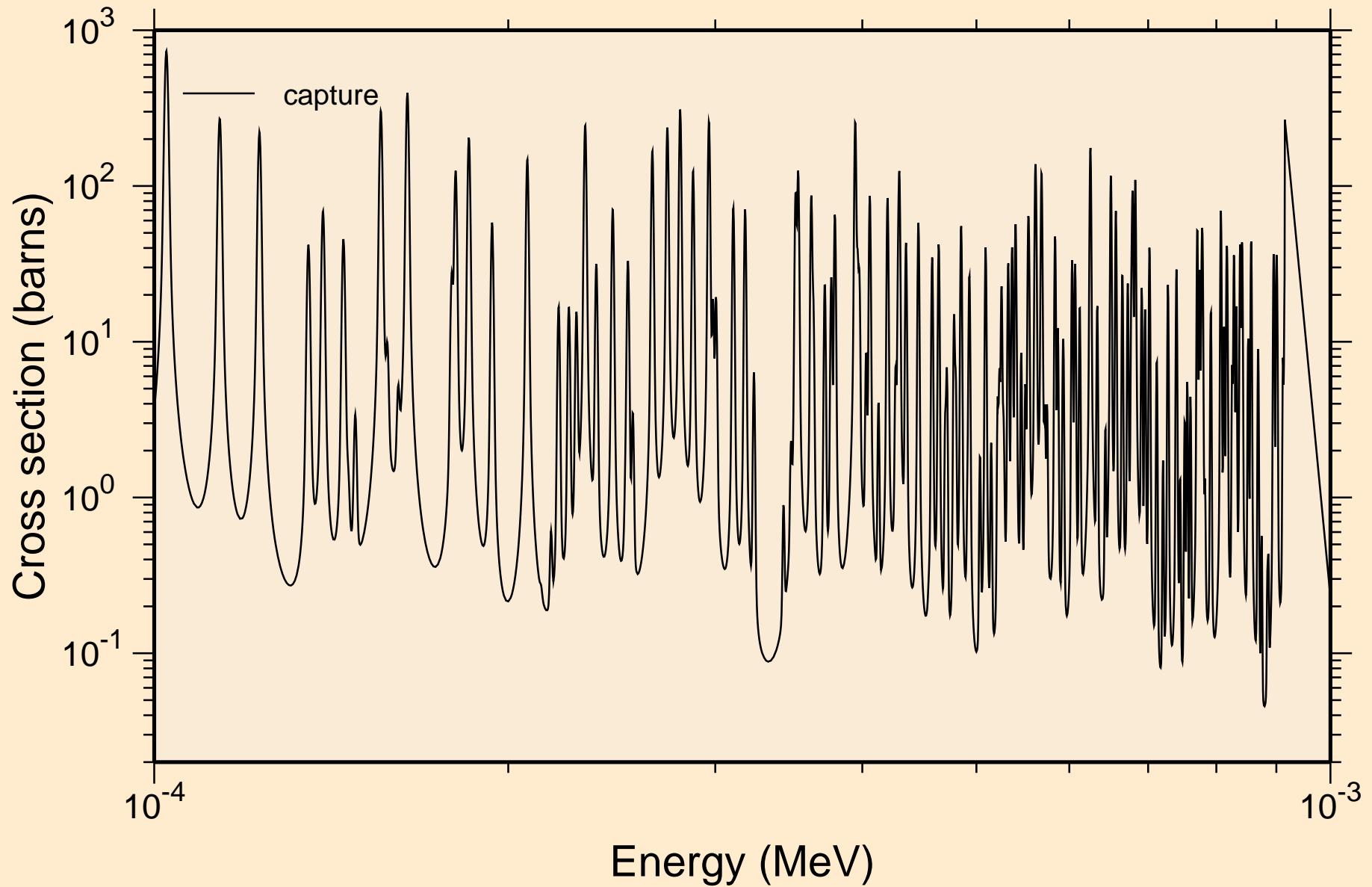
Y083M NRG TENDL-2015, AKONING  
resonance absorption cross sections



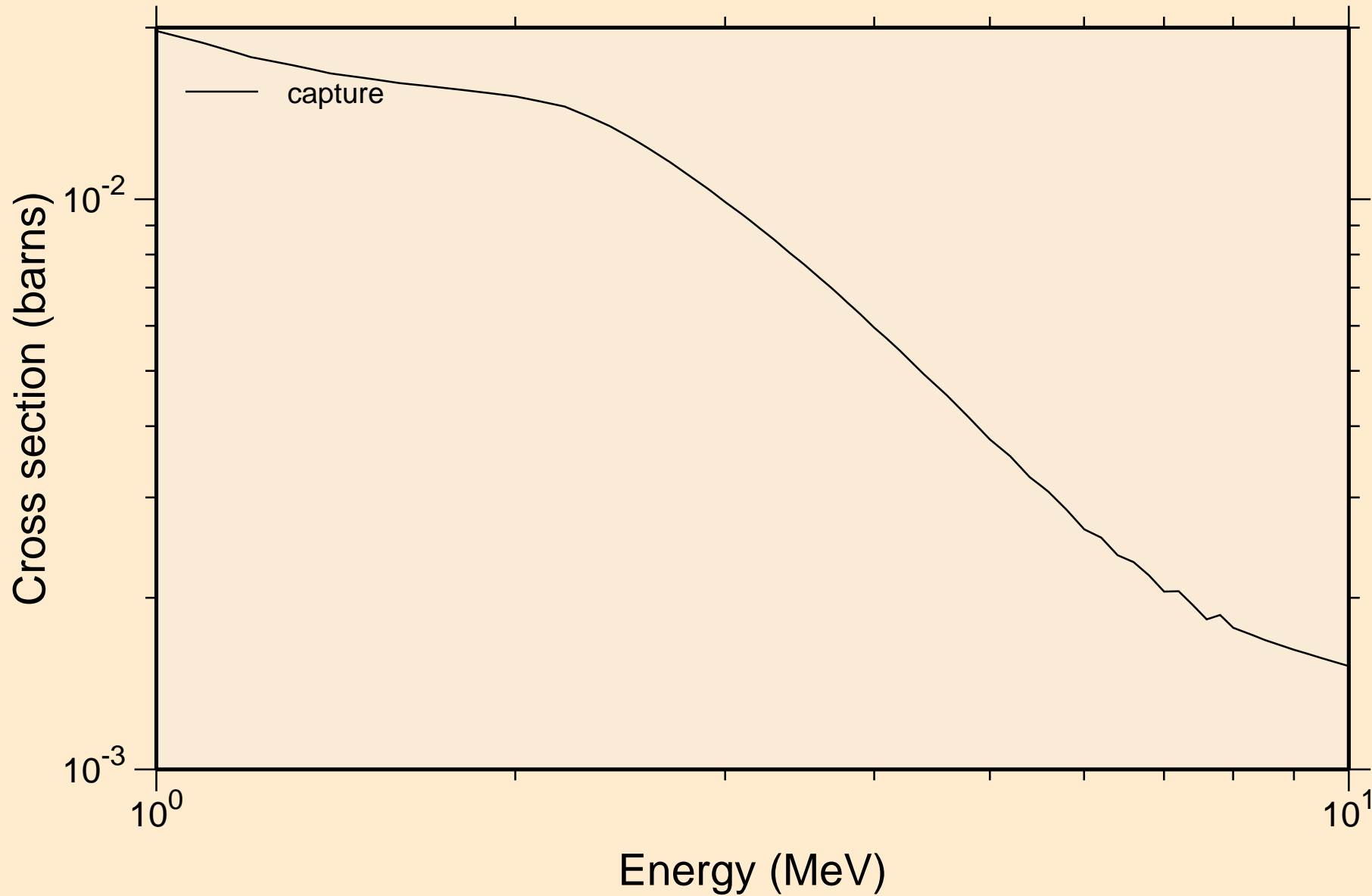
Y083M NRG TENDL-2015, AKONING  
resonance absorption cross sections



Y083M NRG TENDL-2015, AKONING  
resonance absorption cross sections



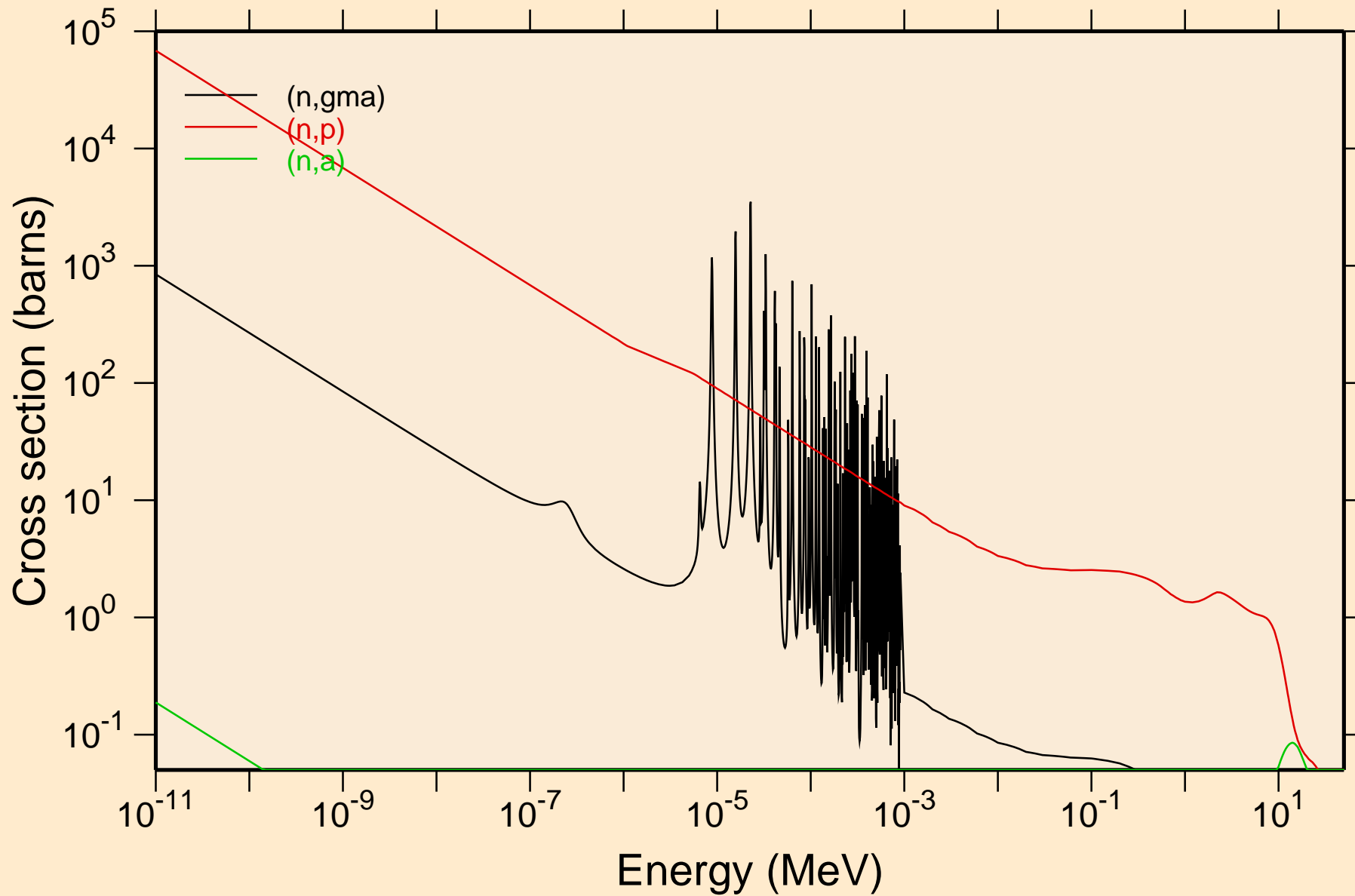
Y083M NRG TENDL-2015, AKONING  
resonance absorption cross sections





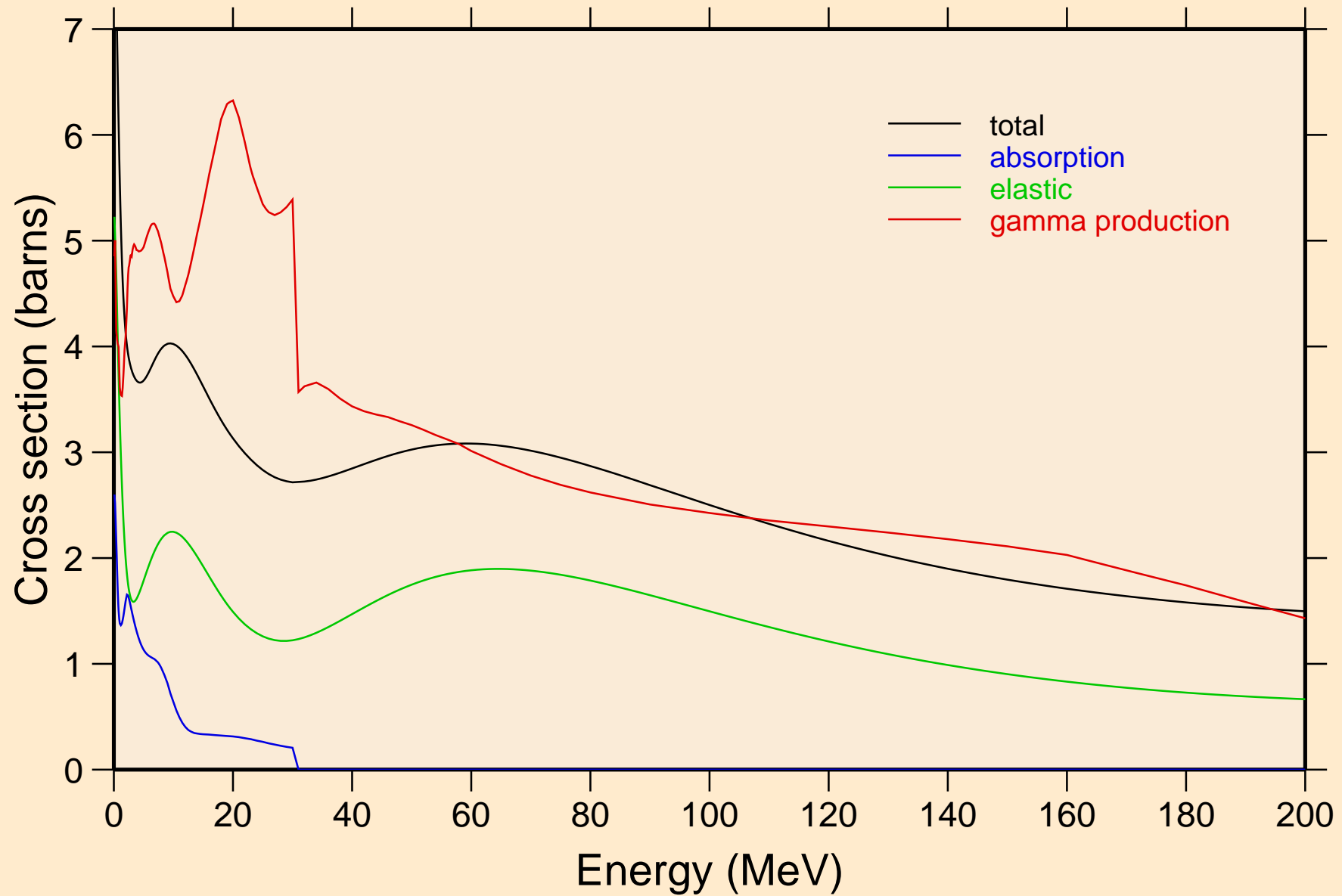
# Y083M NRG TENDL-2015, AKONING

## Non-threshold reactions



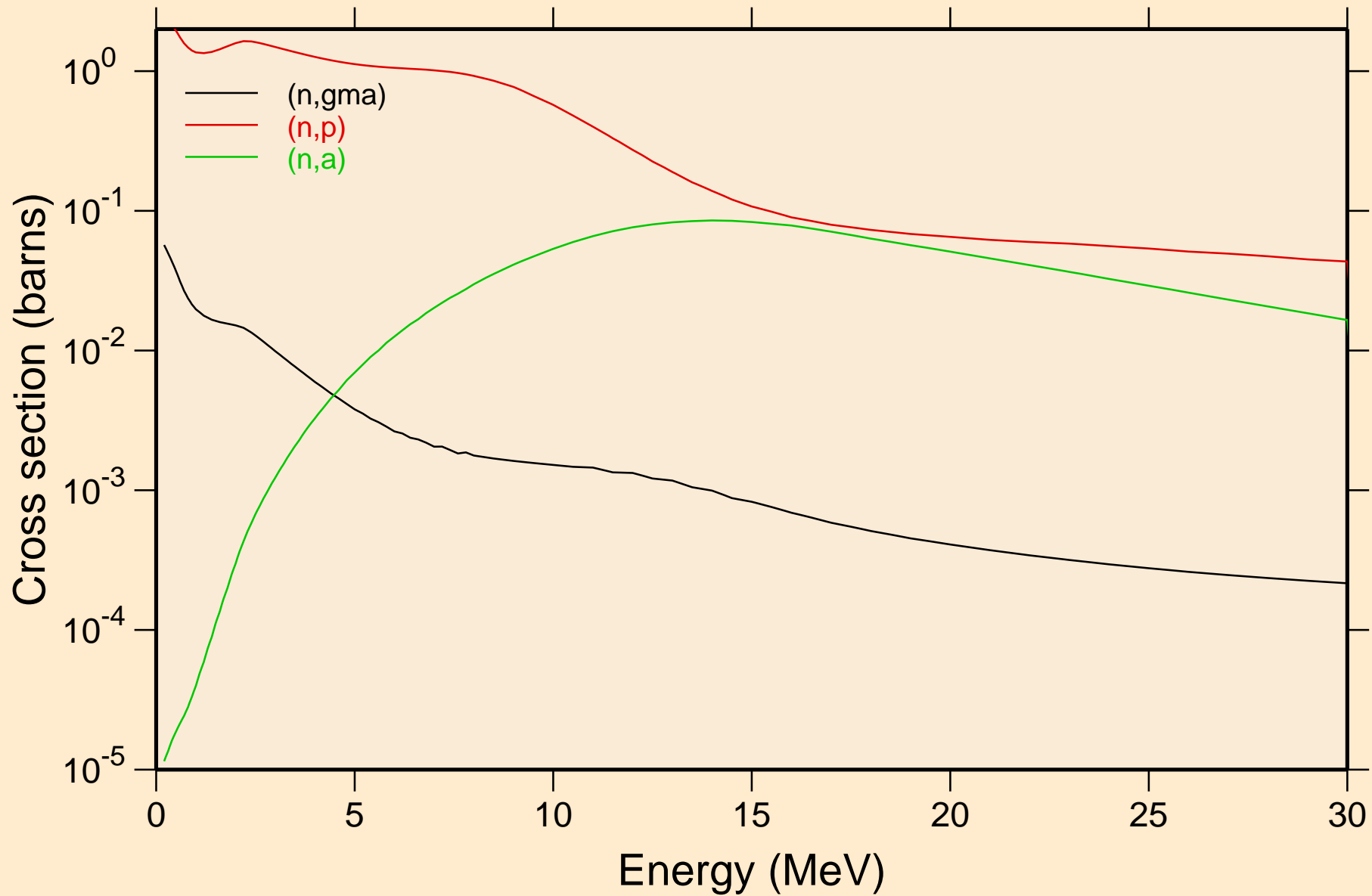
# Y083M NRG TENDL-2015, AKONING

## Principal cross sections



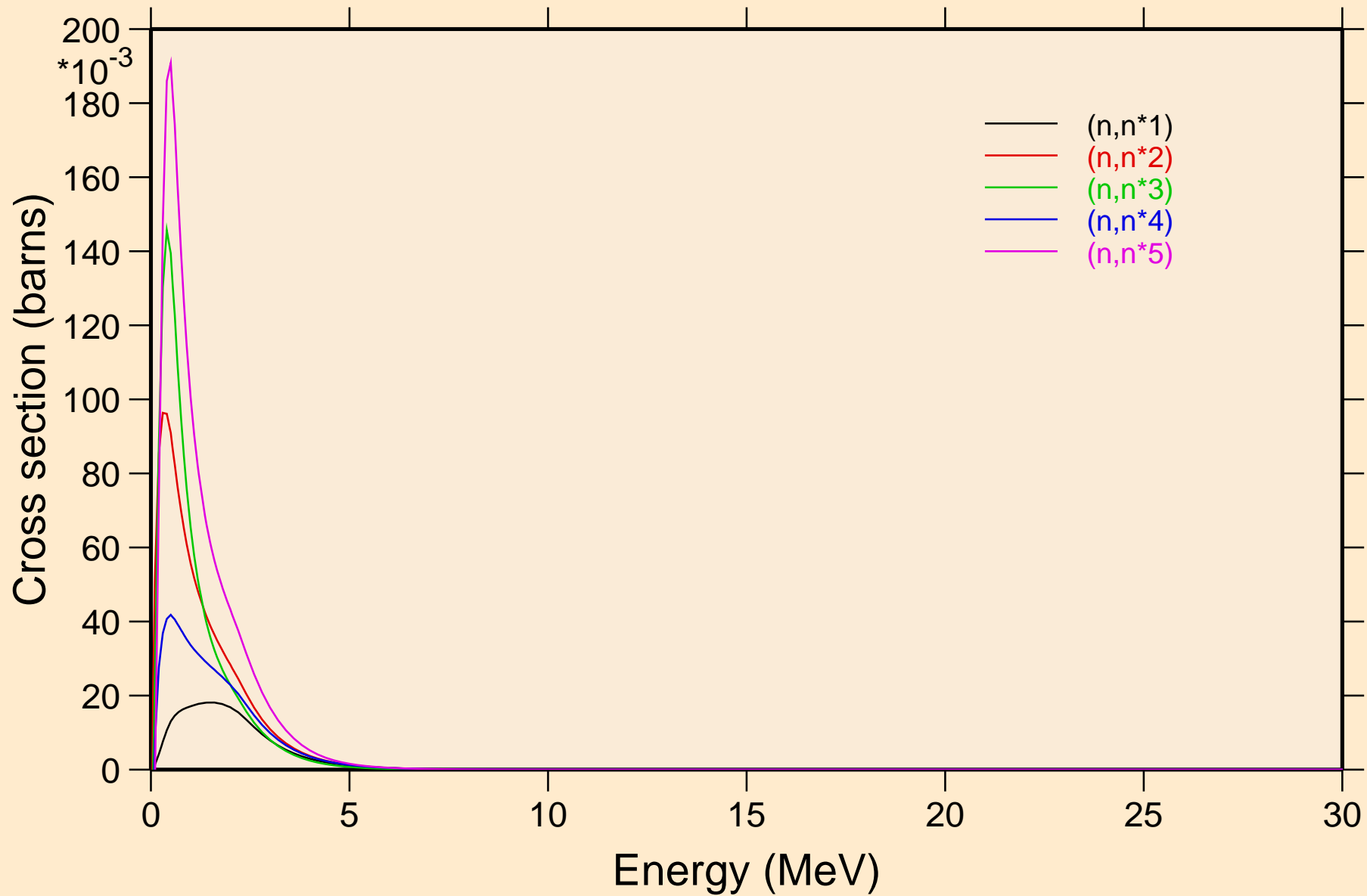
# Y083M NRG TENDL-2015, AKONING

## Non-threshold reactions



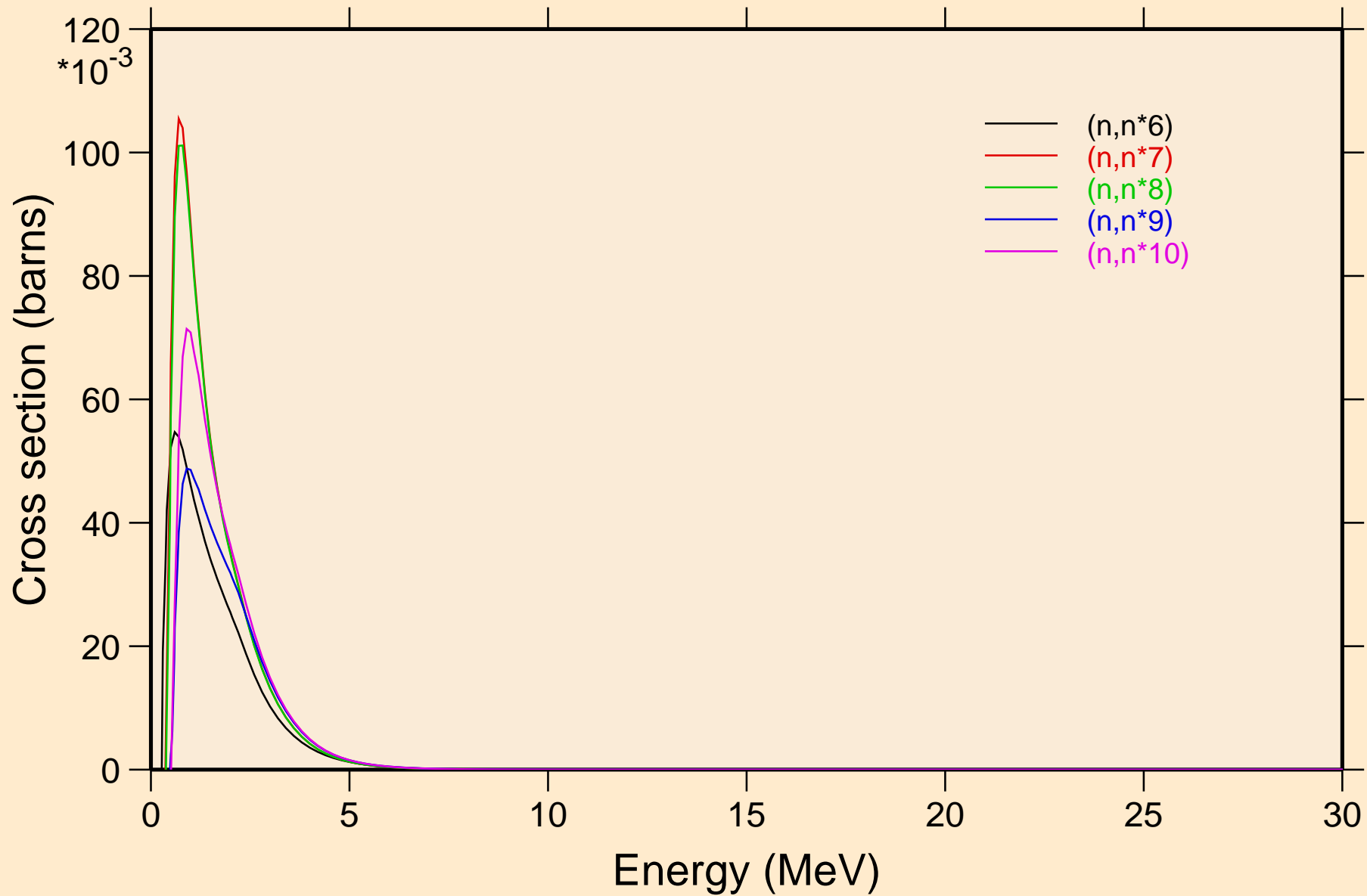
# Y083M NRG TENDL-2015, AKONING

## Inelastic levels



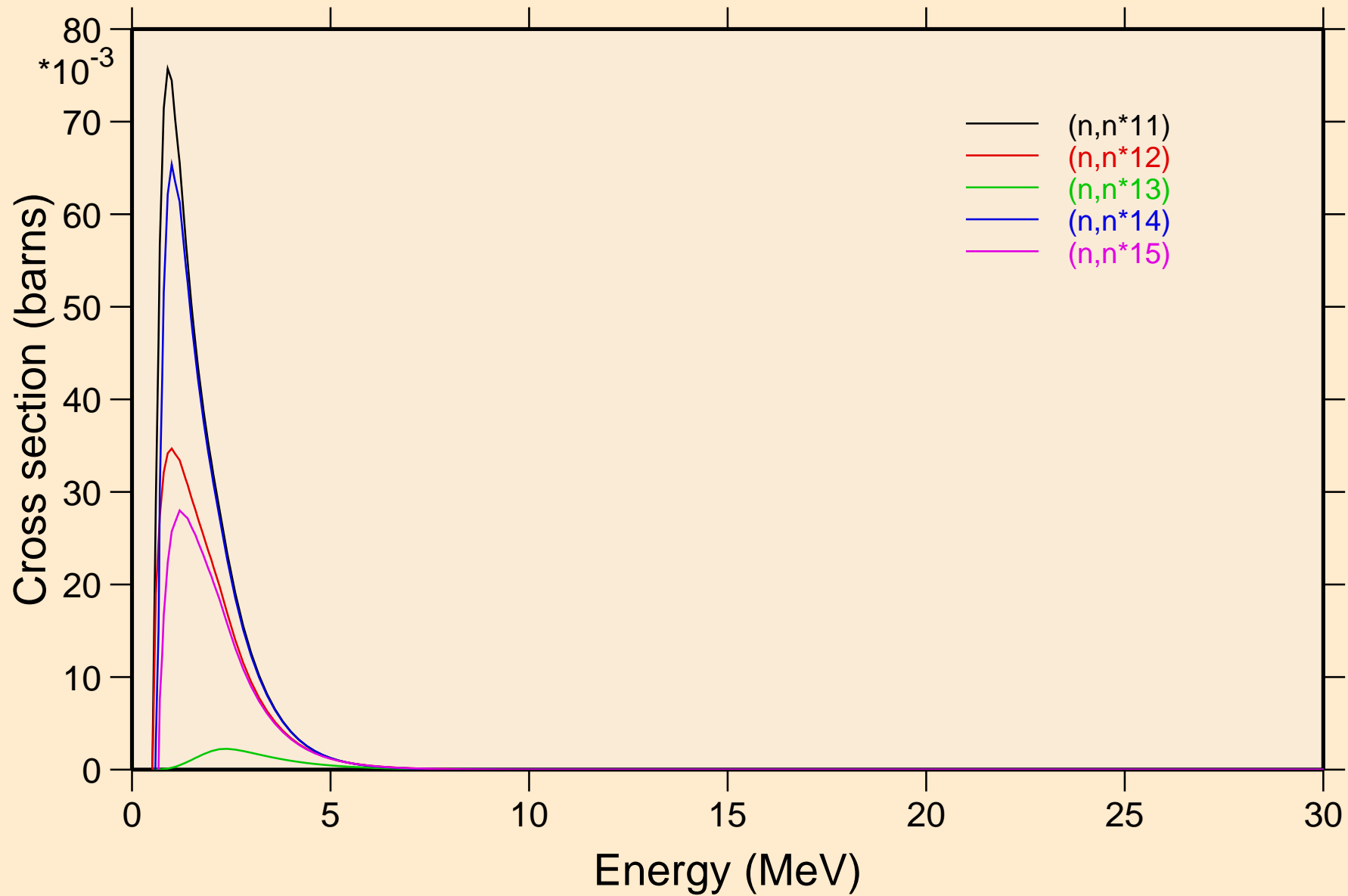
# Y083M NRG TENDL-2015, AKONING

## Inelastic levels



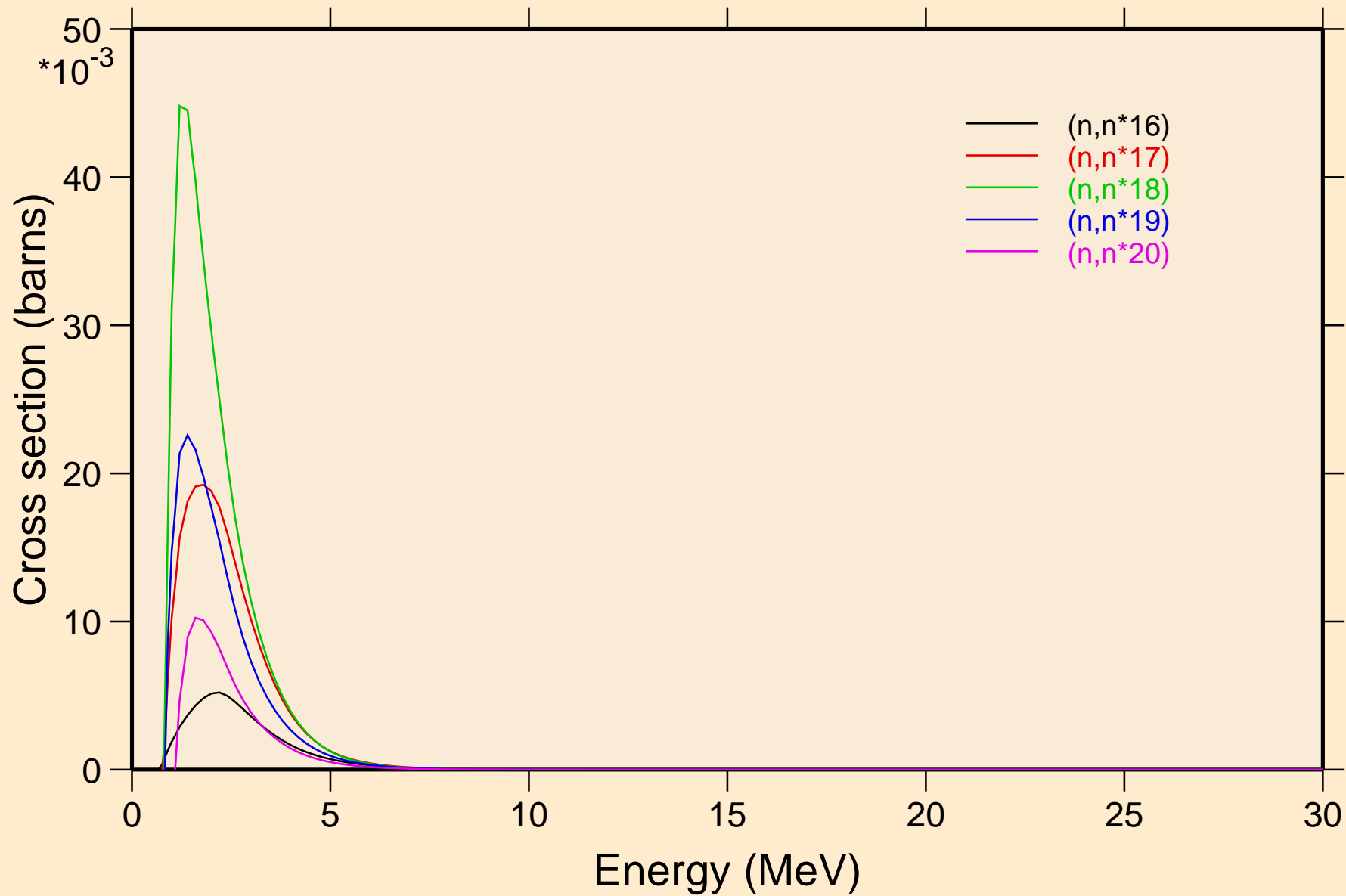
# Y083M NRG TENDL-2015, AKONING

## Inelastic levels

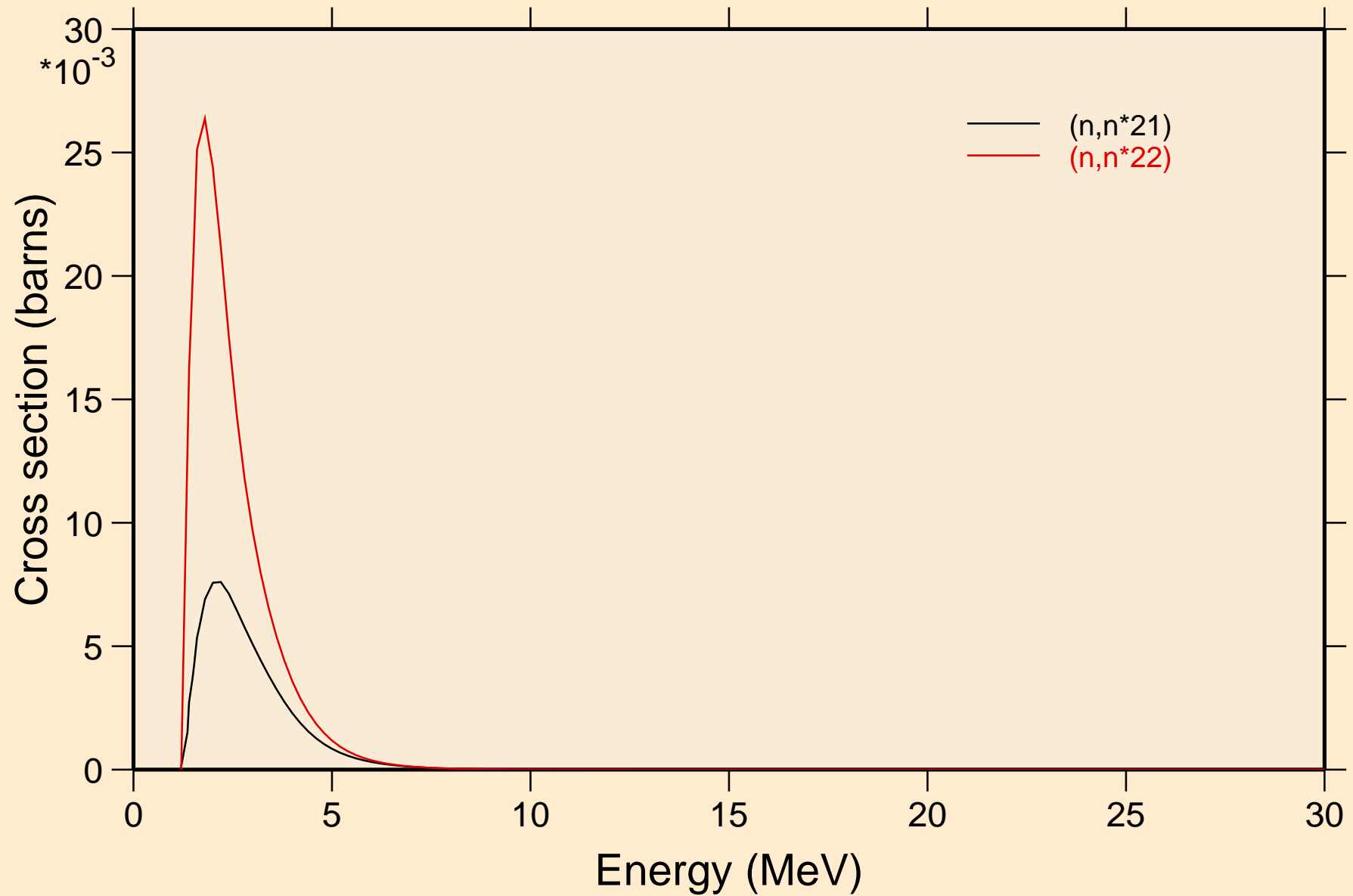


# Y083M NRG TENDL-2015, AKONING

## Inelastic levels



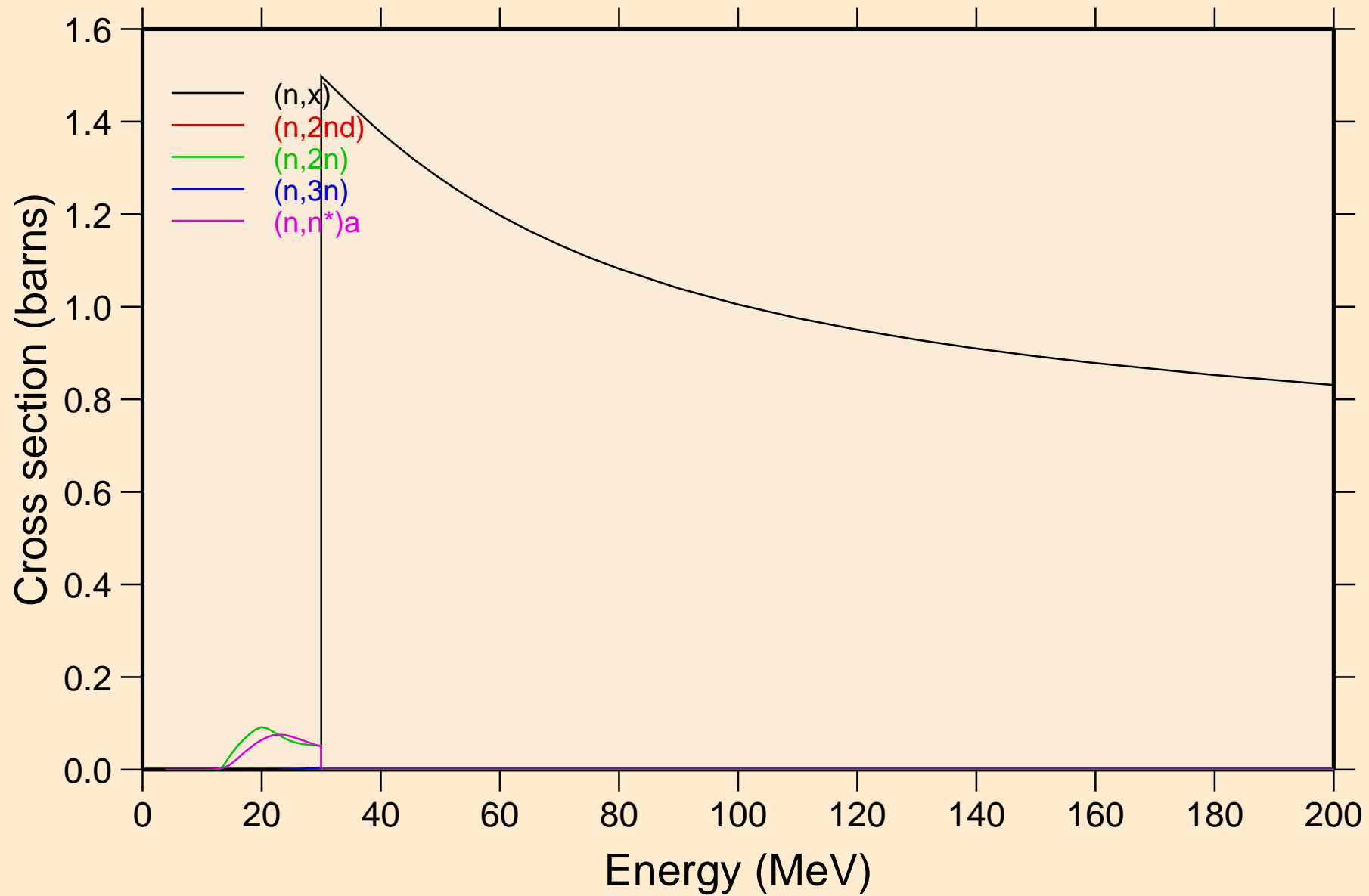
Y083M NRG TENDL-2015, AKONING  
Inelastic levels



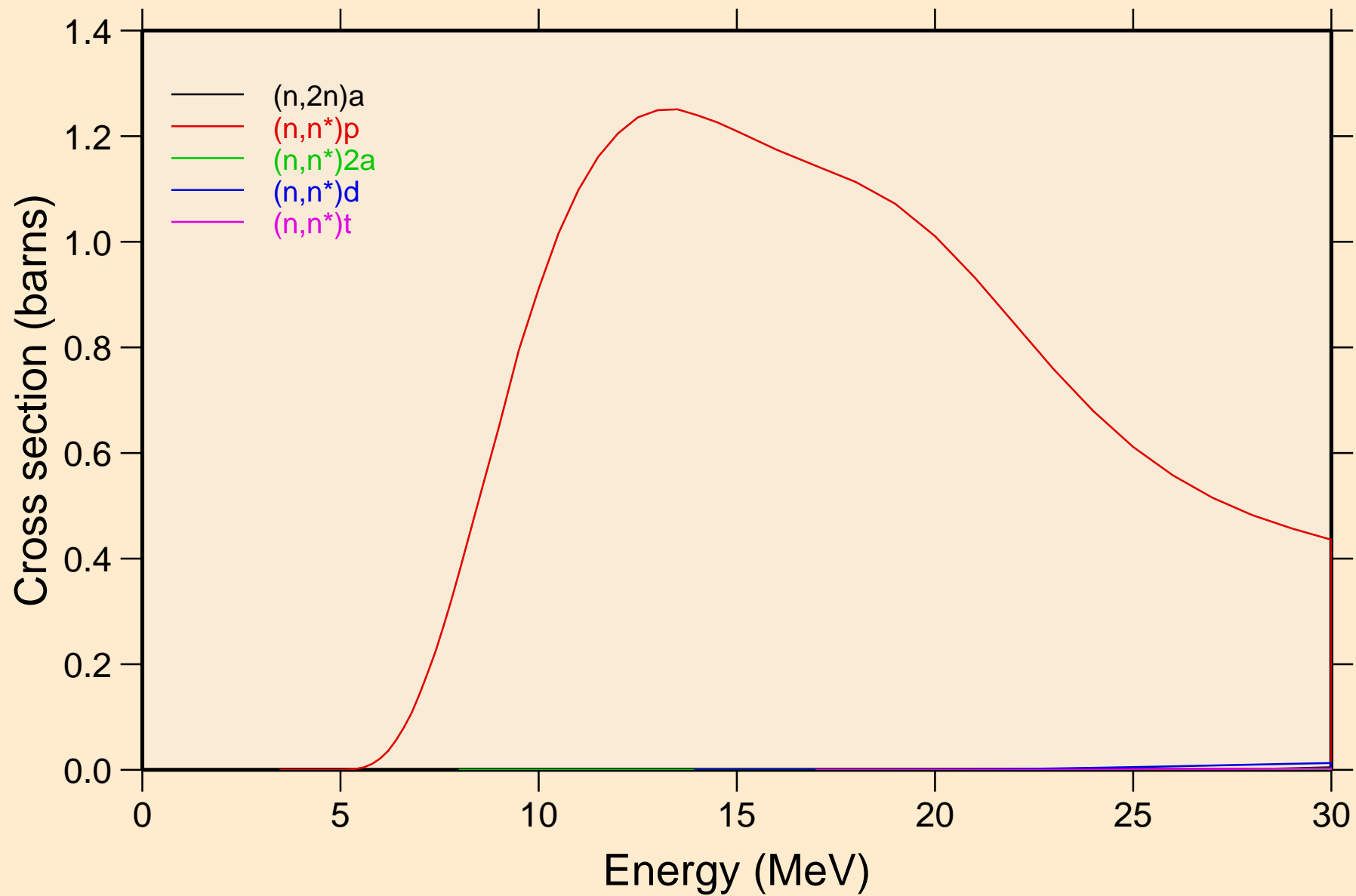


# Y083M NRG TENDL-2015, AKONING

## Threshold reactions

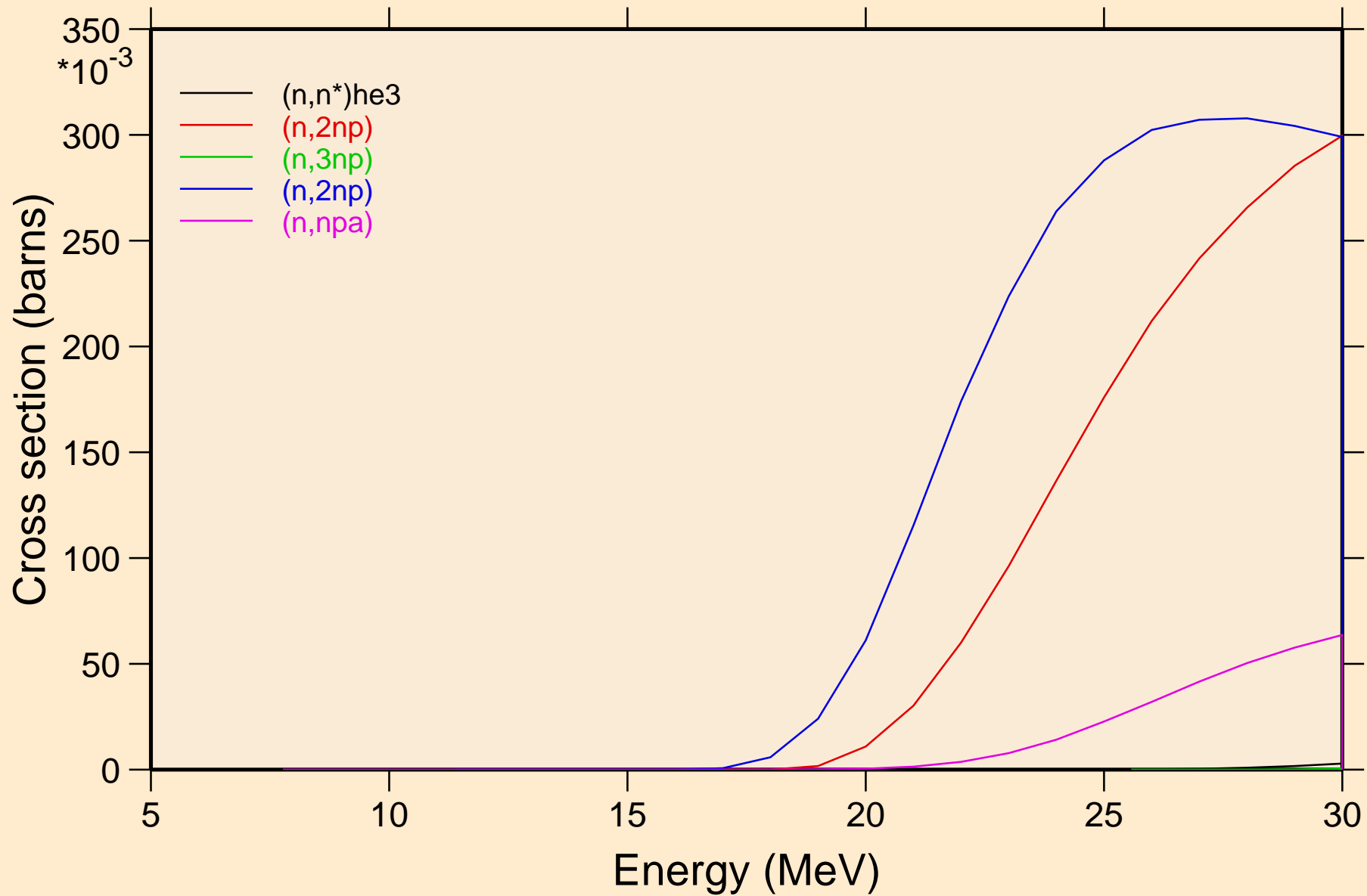


Y083M NRG TENDL-2015, AKONING  
Threshold reactions



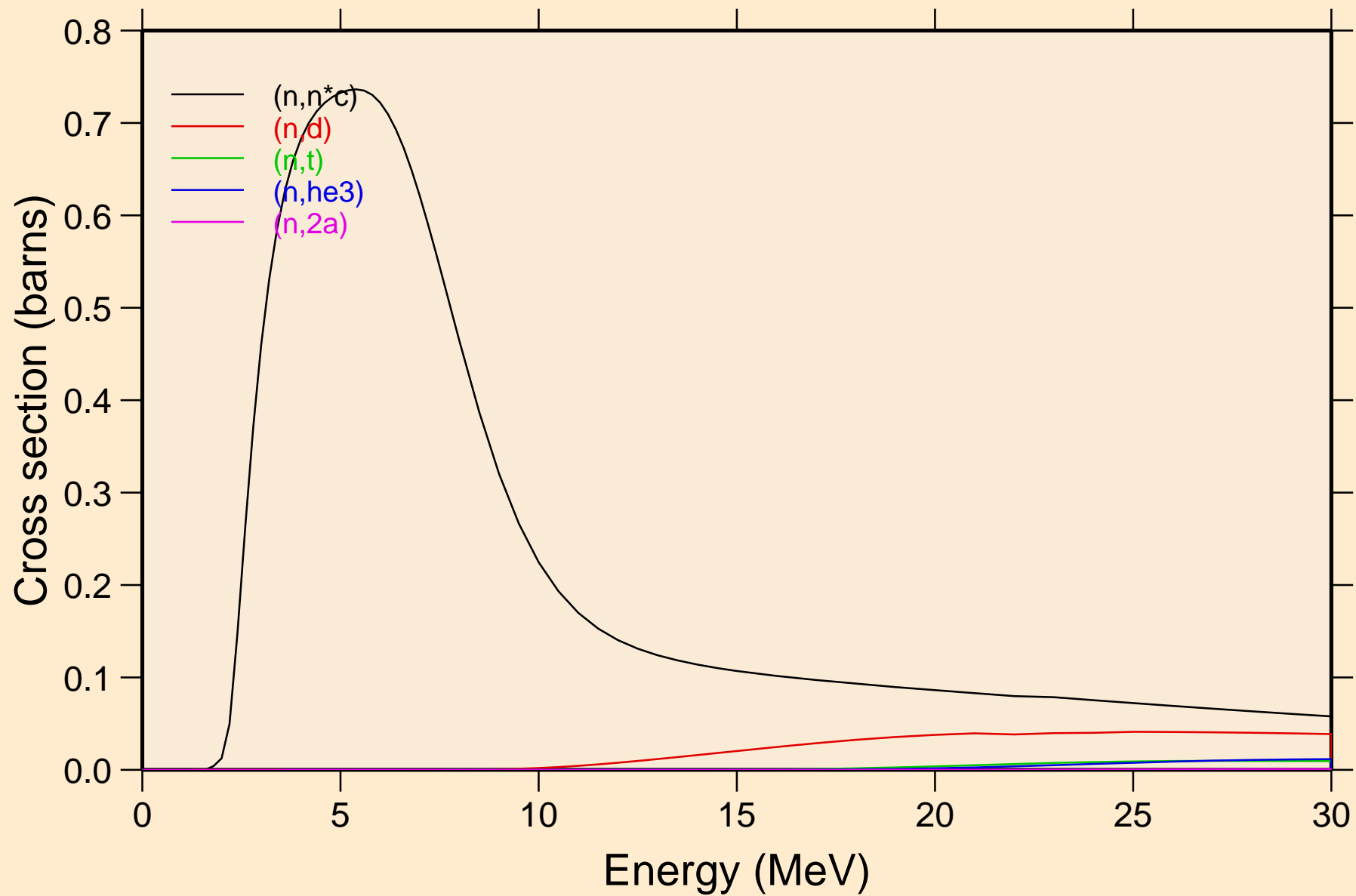
# Y083M NRG TENDL-2015, AKONING

## Threshold reactions



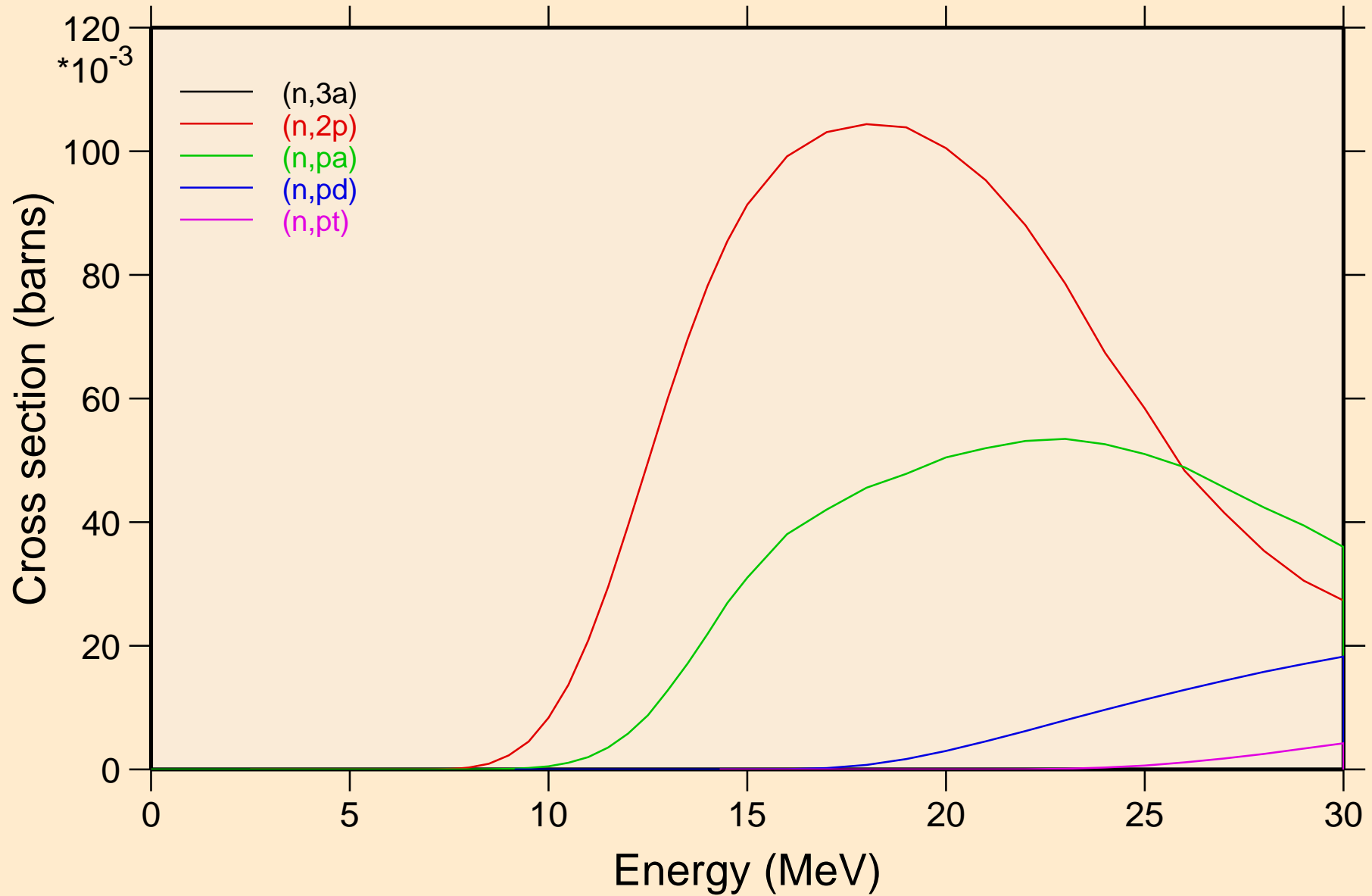
# Y083M NRG TENDL-2015, AKONING

## Threshold reactions

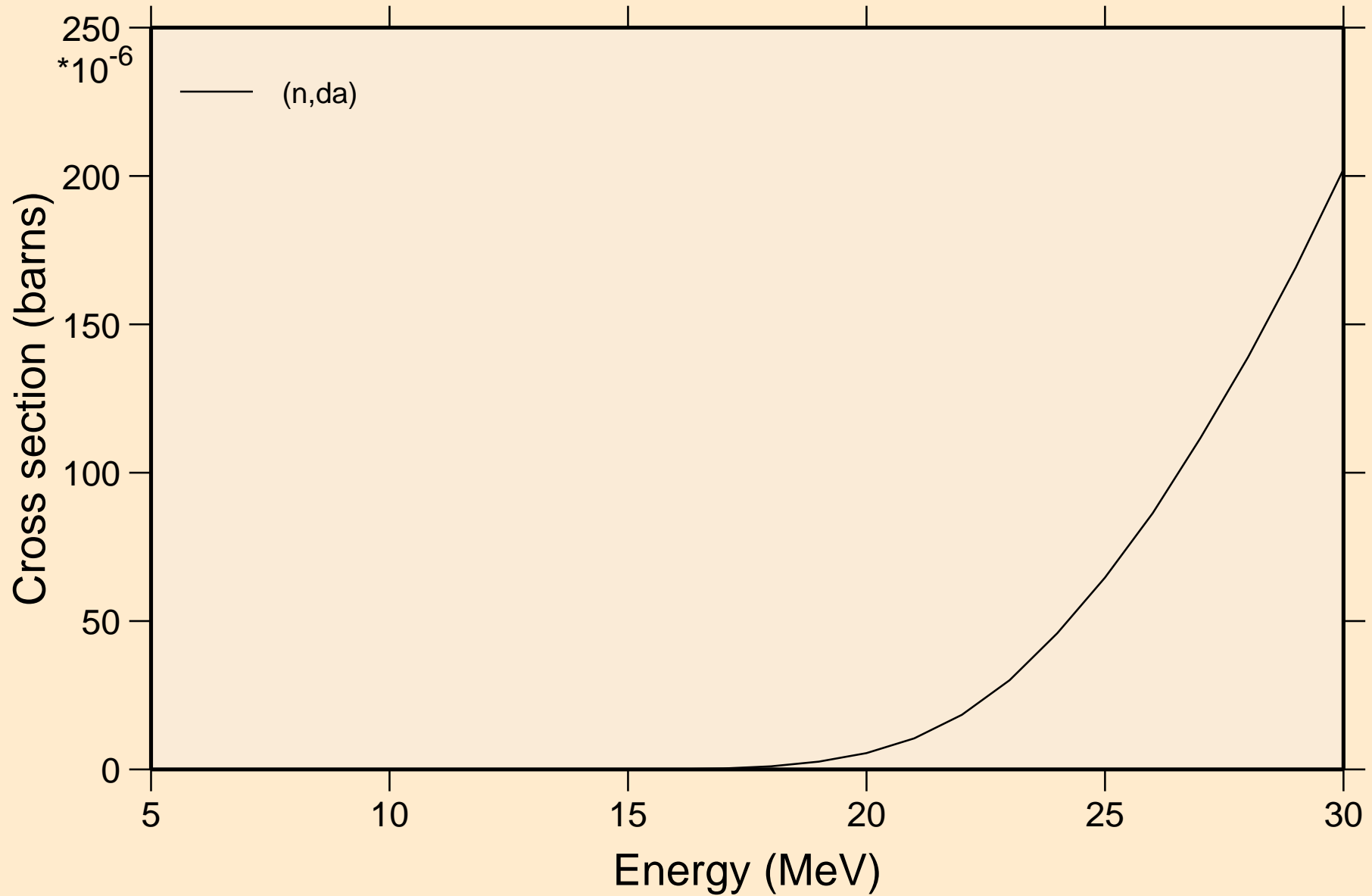


# Y083M NRG TENDL-2015, AKONING

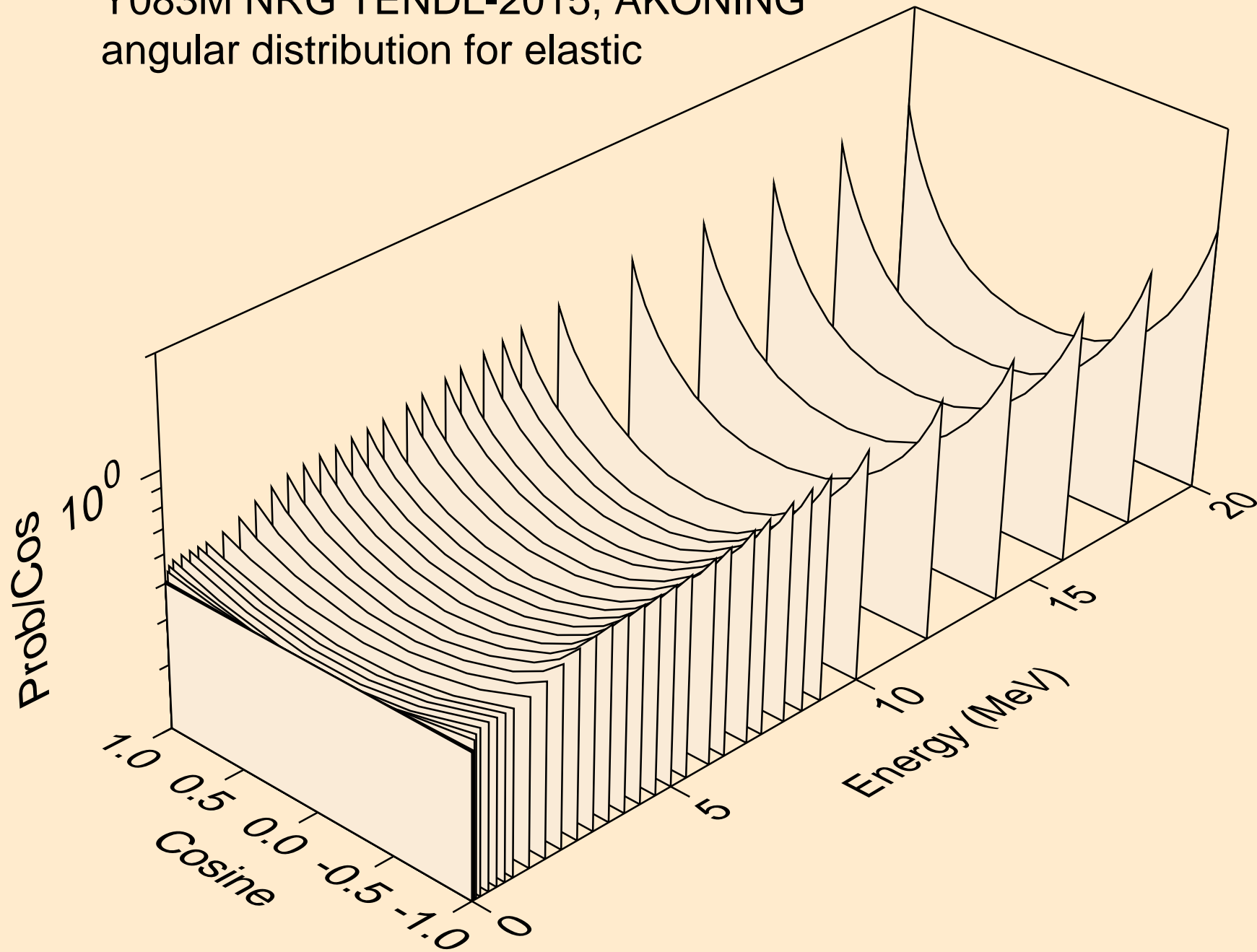
## Threshold reactions



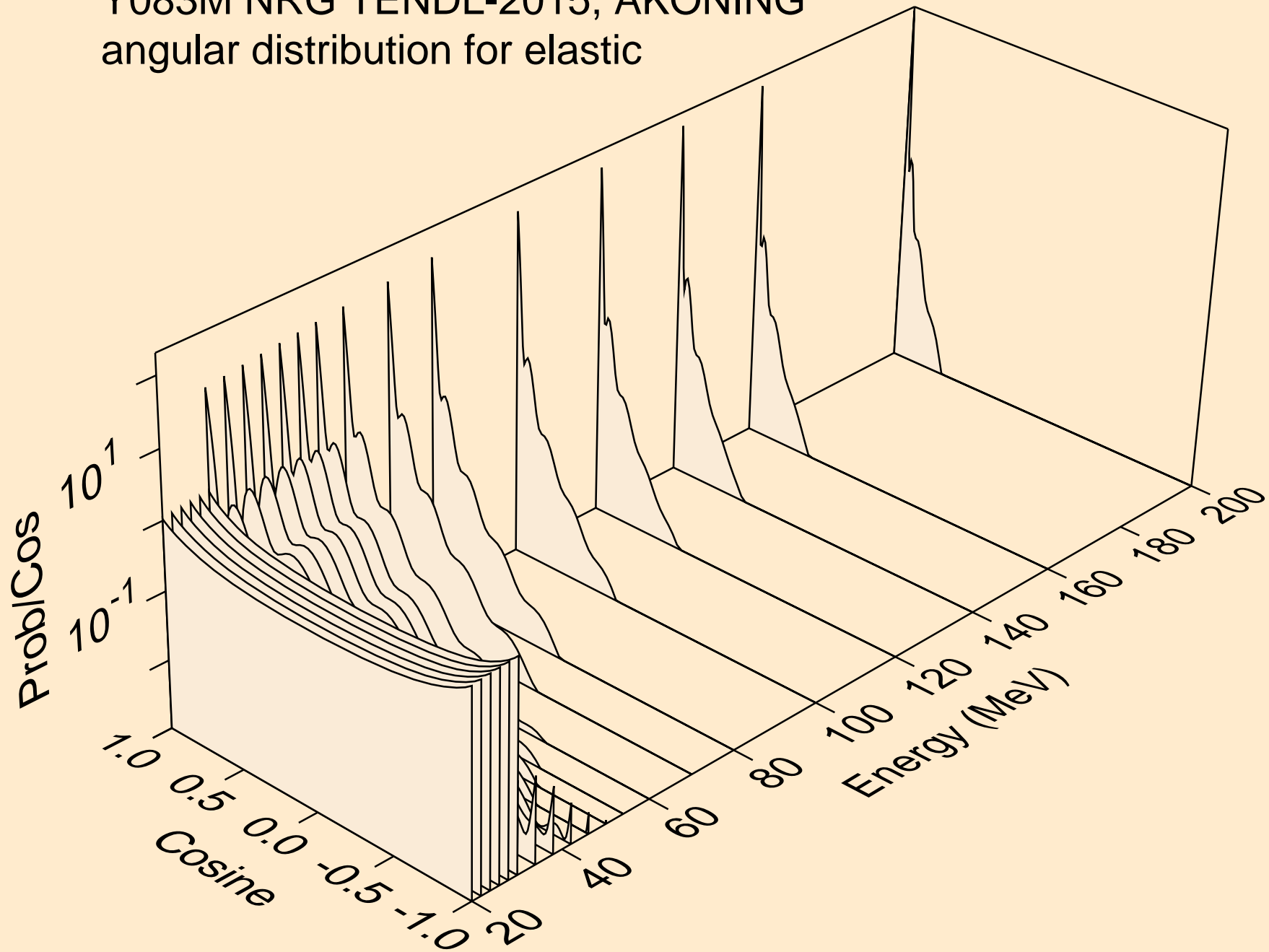
Y083M NRG TENDL-2015, AKONING  
Threshold reactions



Y083M NRG TENDL-2015, AKONING  
angular distribution for elastic

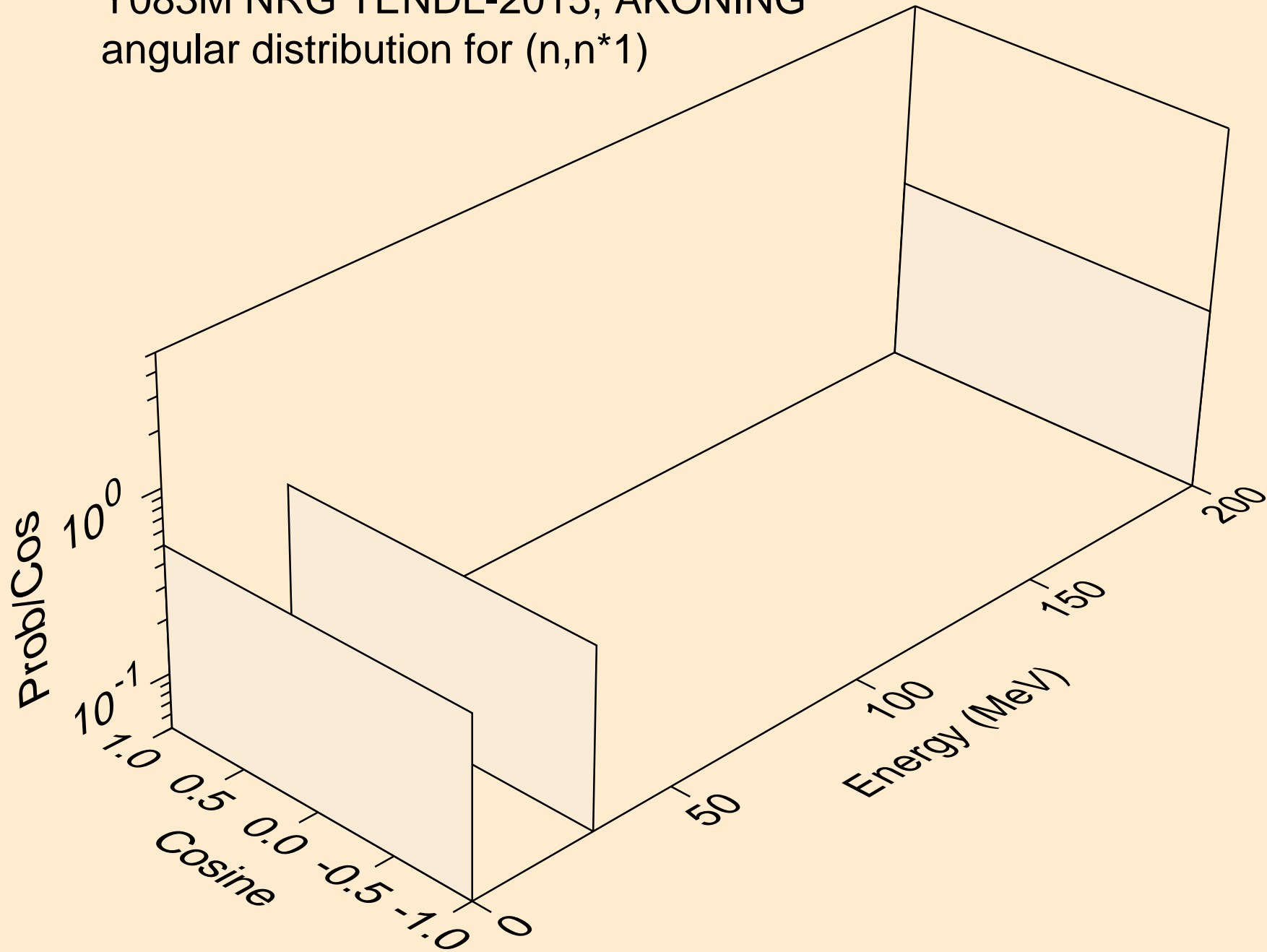


Y083M NRG TENDL-2015, AKONING  
angular distribution for elastic

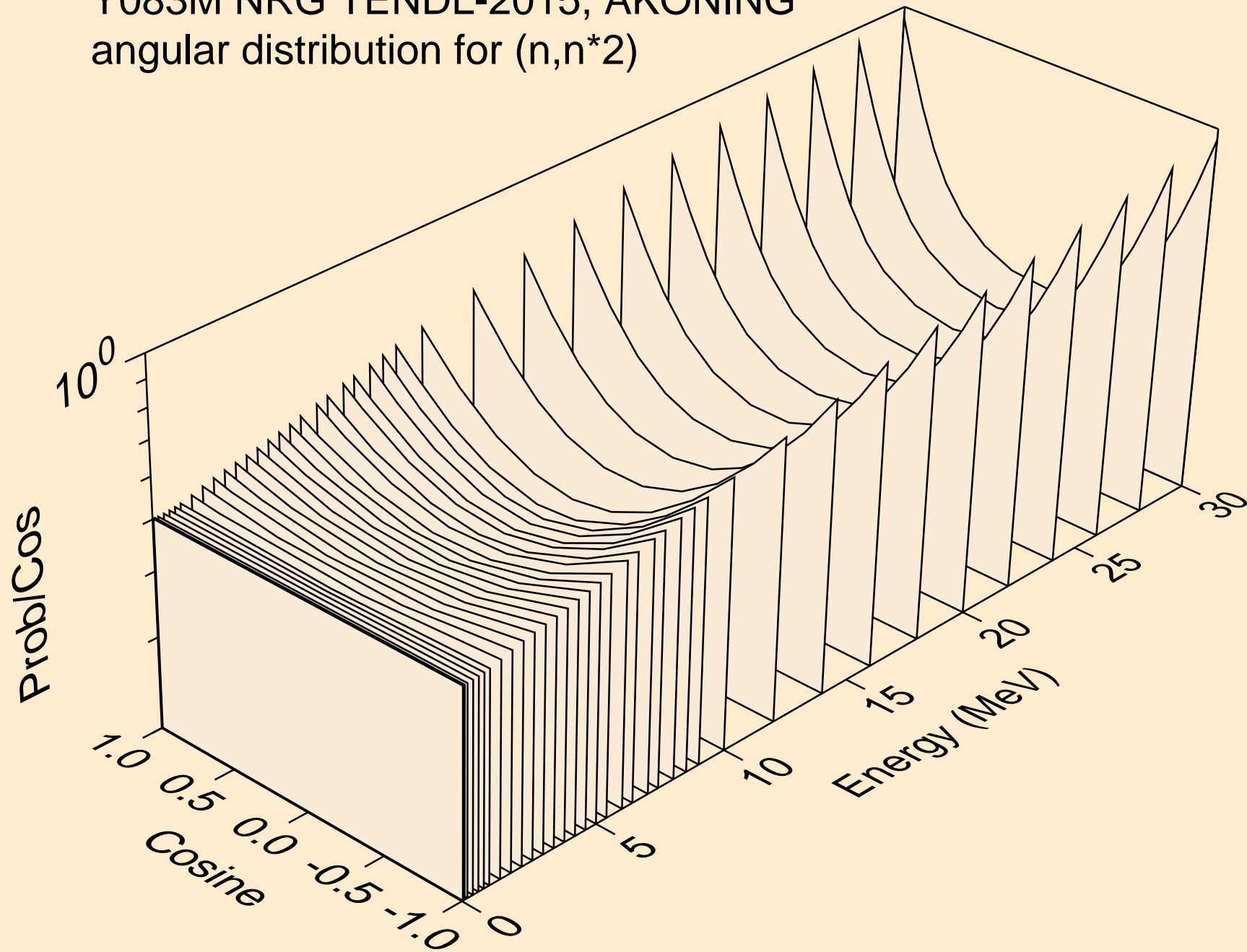




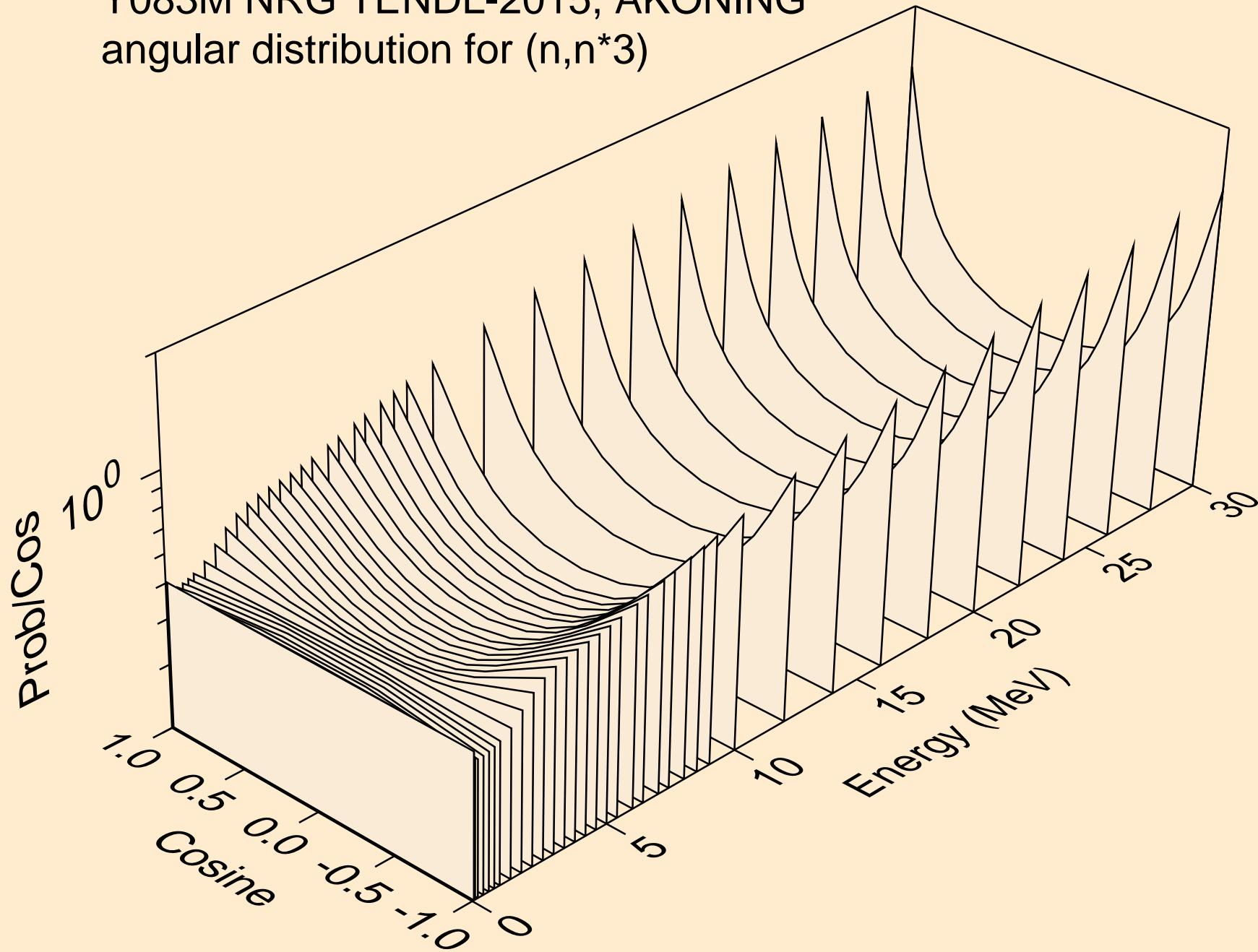
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angular distribution for (n,n\*1)



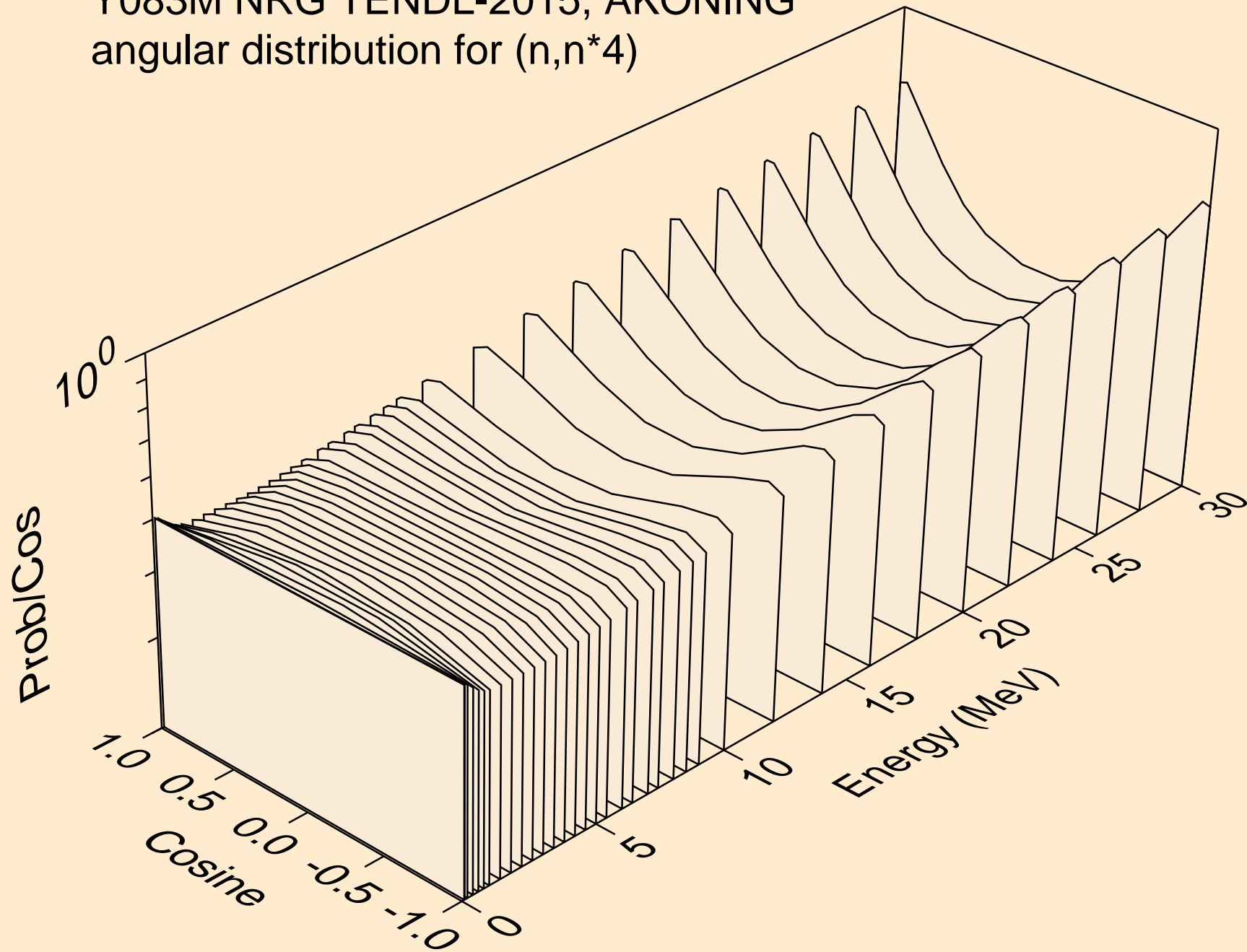
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angular distribution for (n,n\*2)



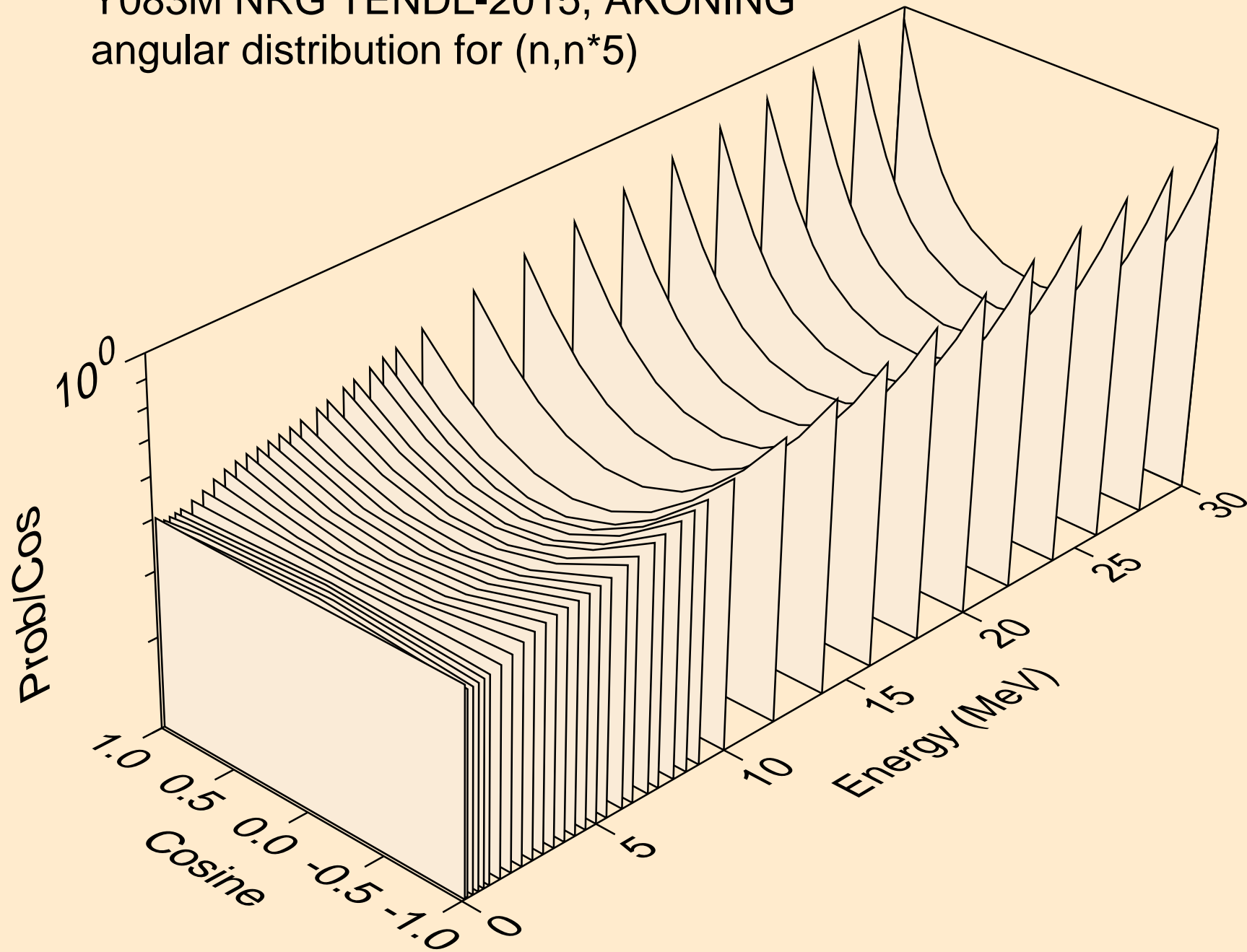
Y083M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



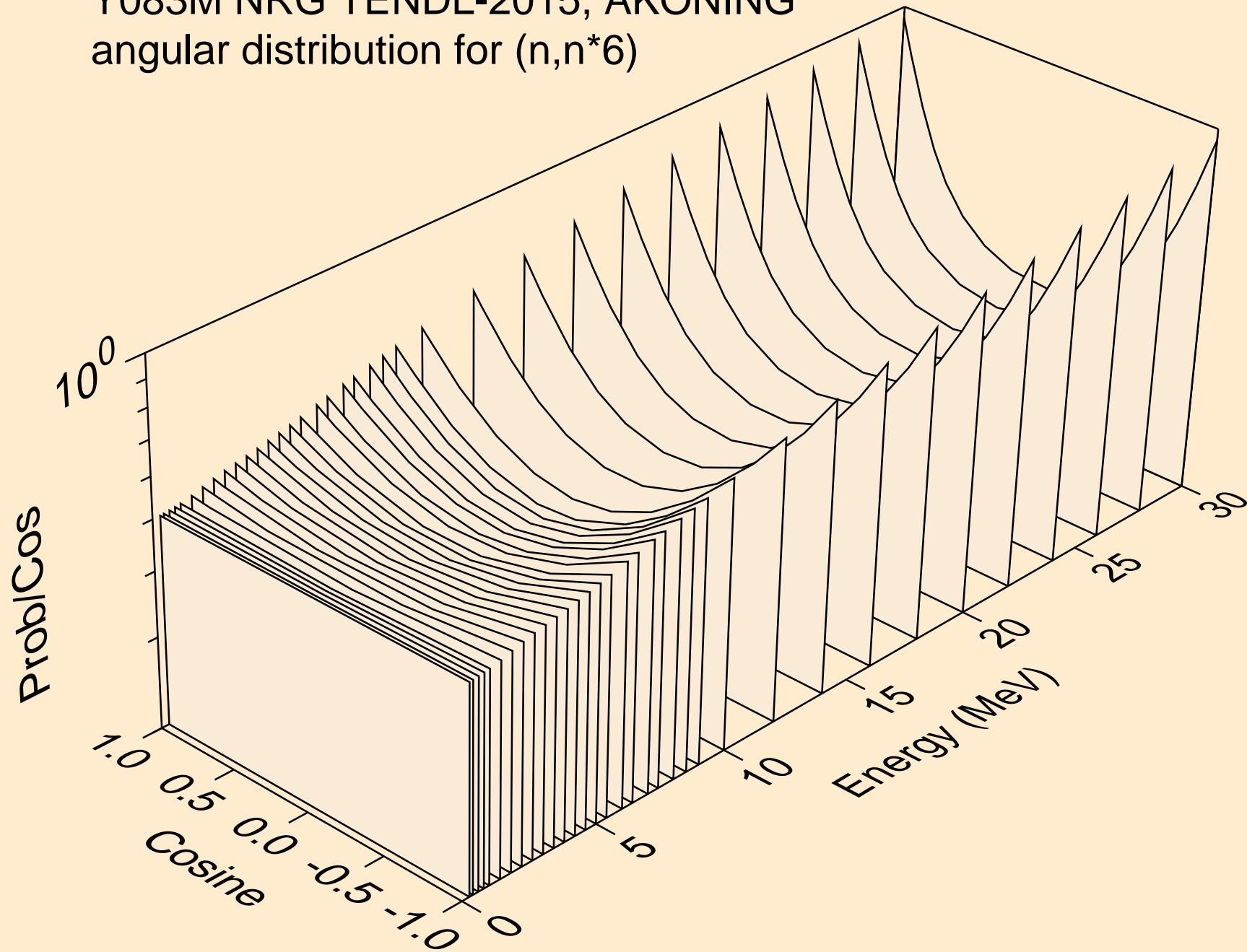
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angular distribution for (n,n\*4)



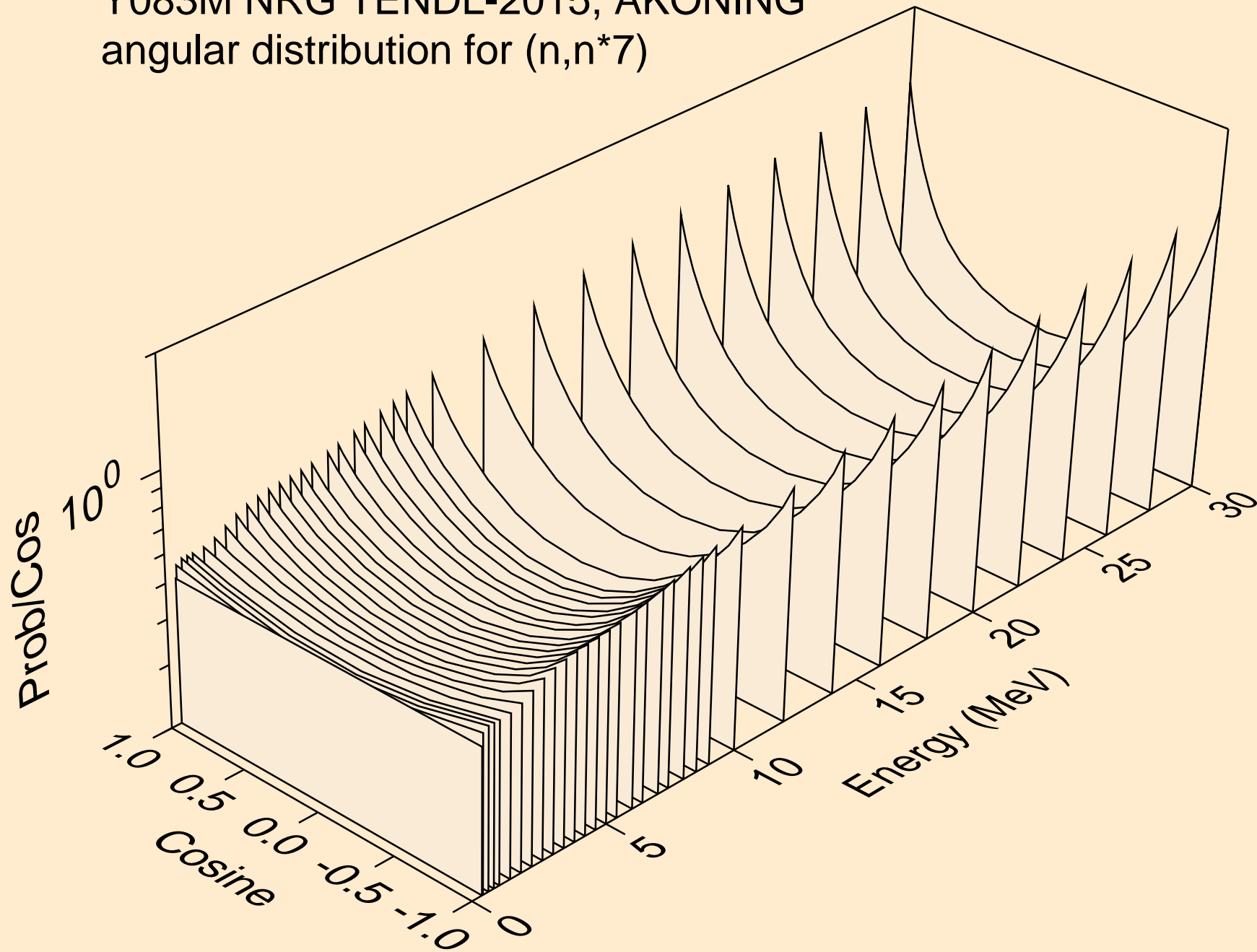
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angular distribution for (n,n\*5)



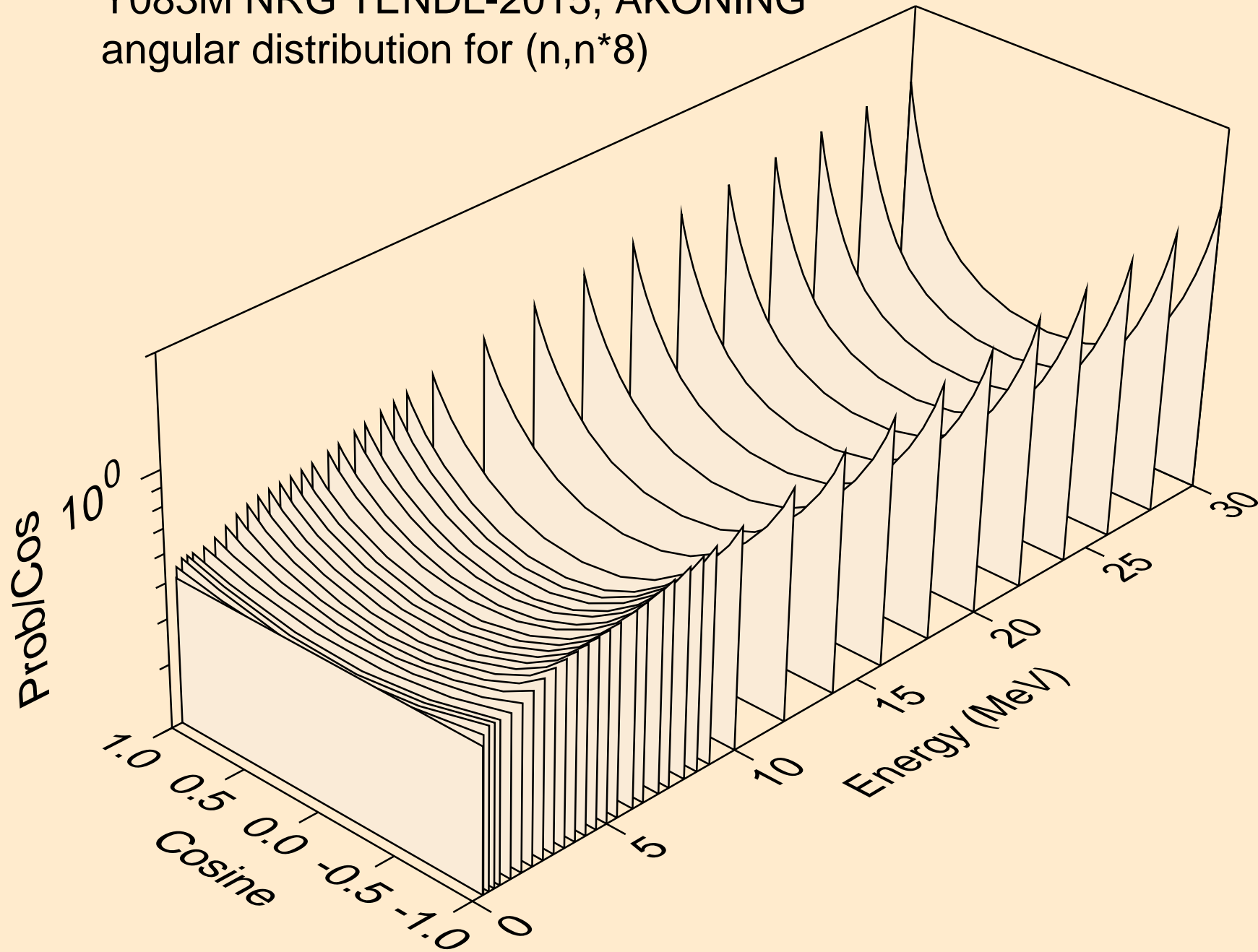
Y083M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



Y083M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

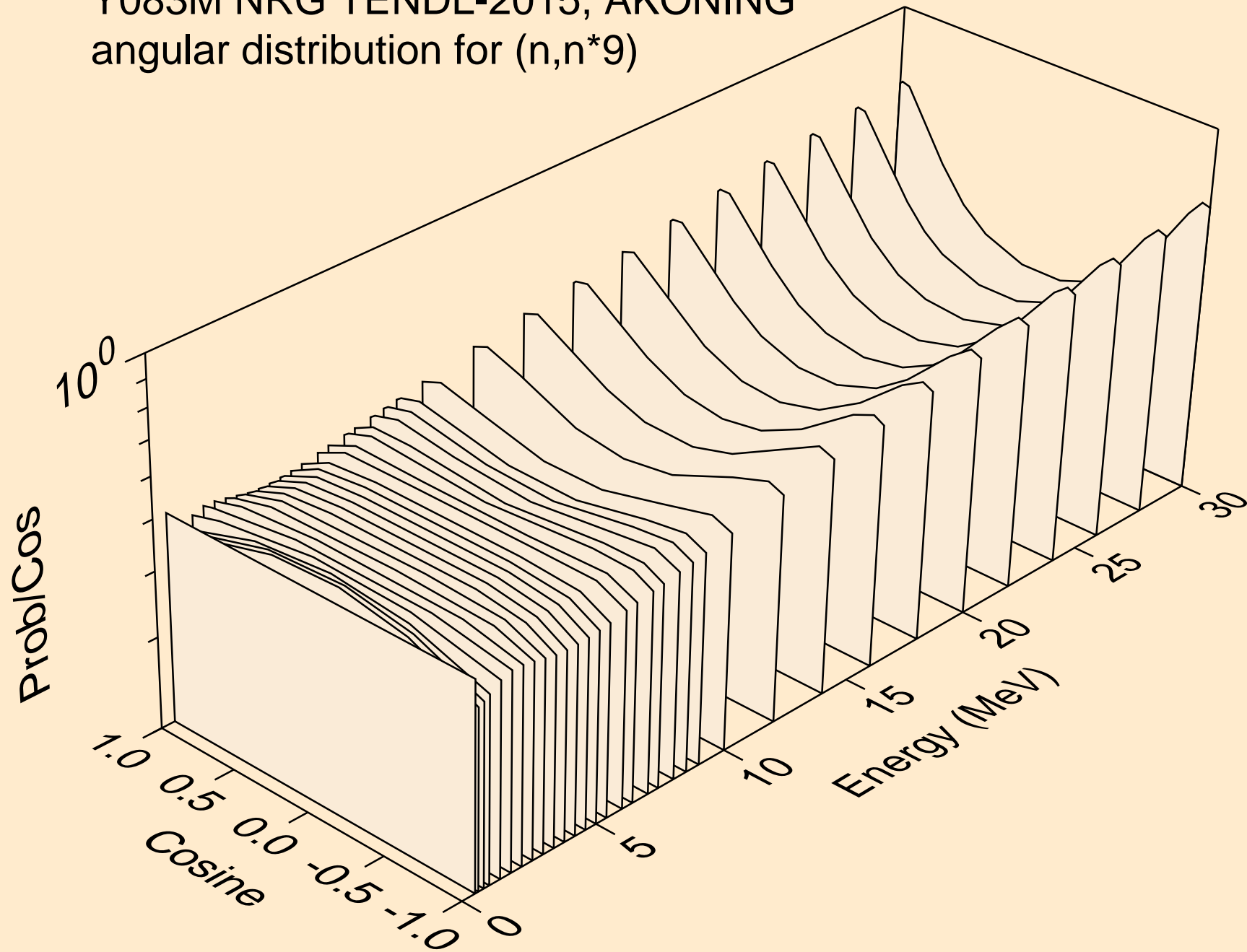


Y083M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

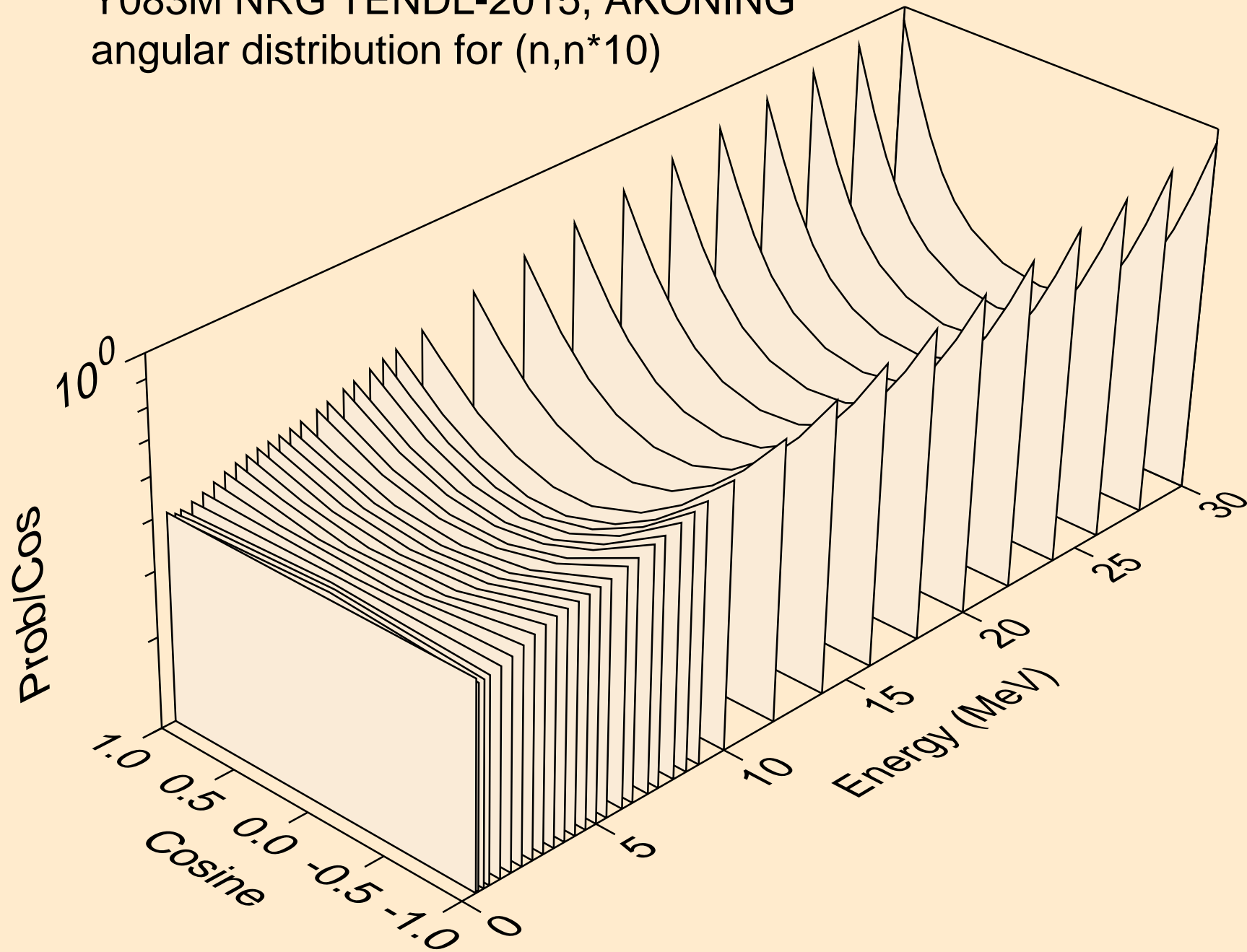




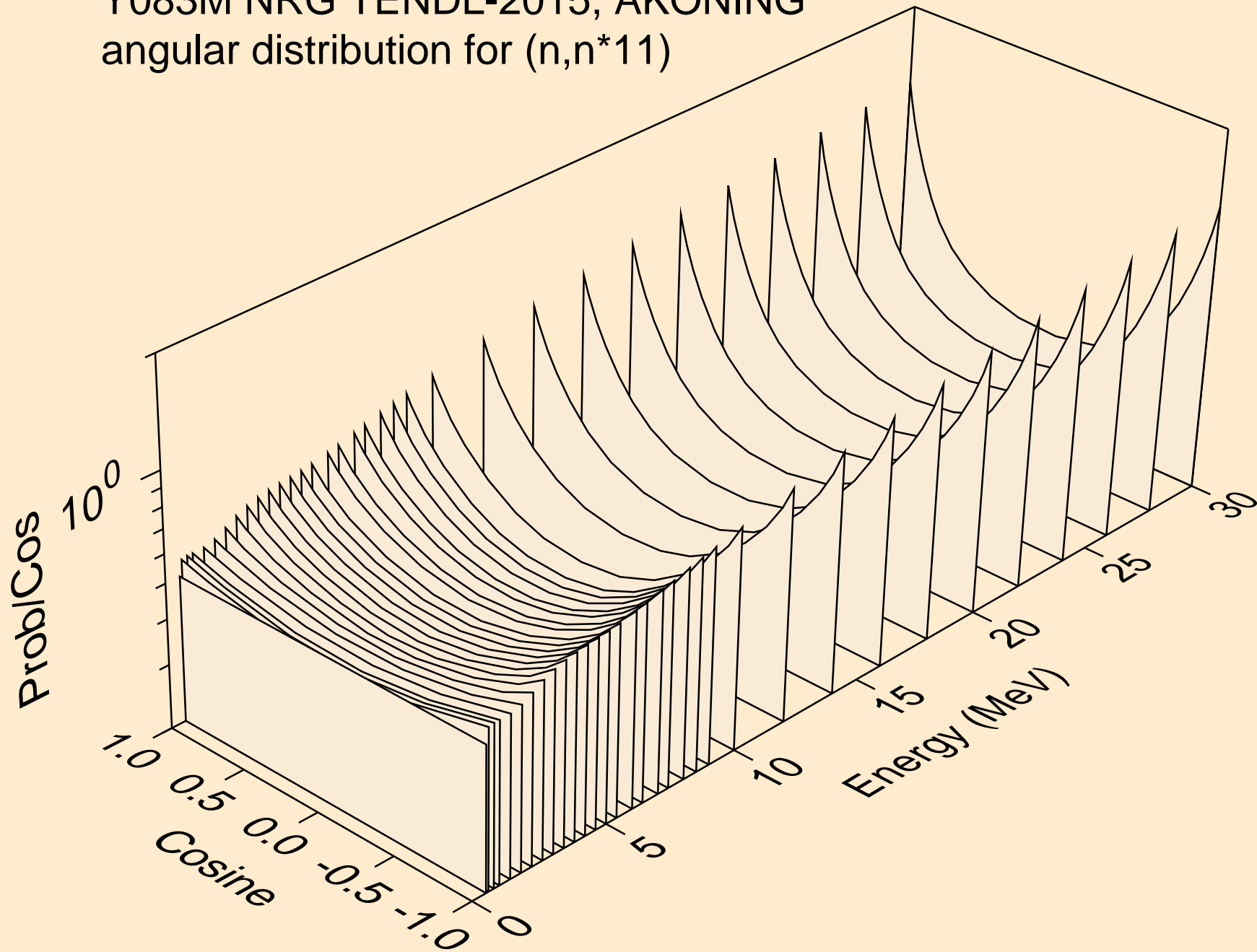
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angular distribution for (n,n\*9)



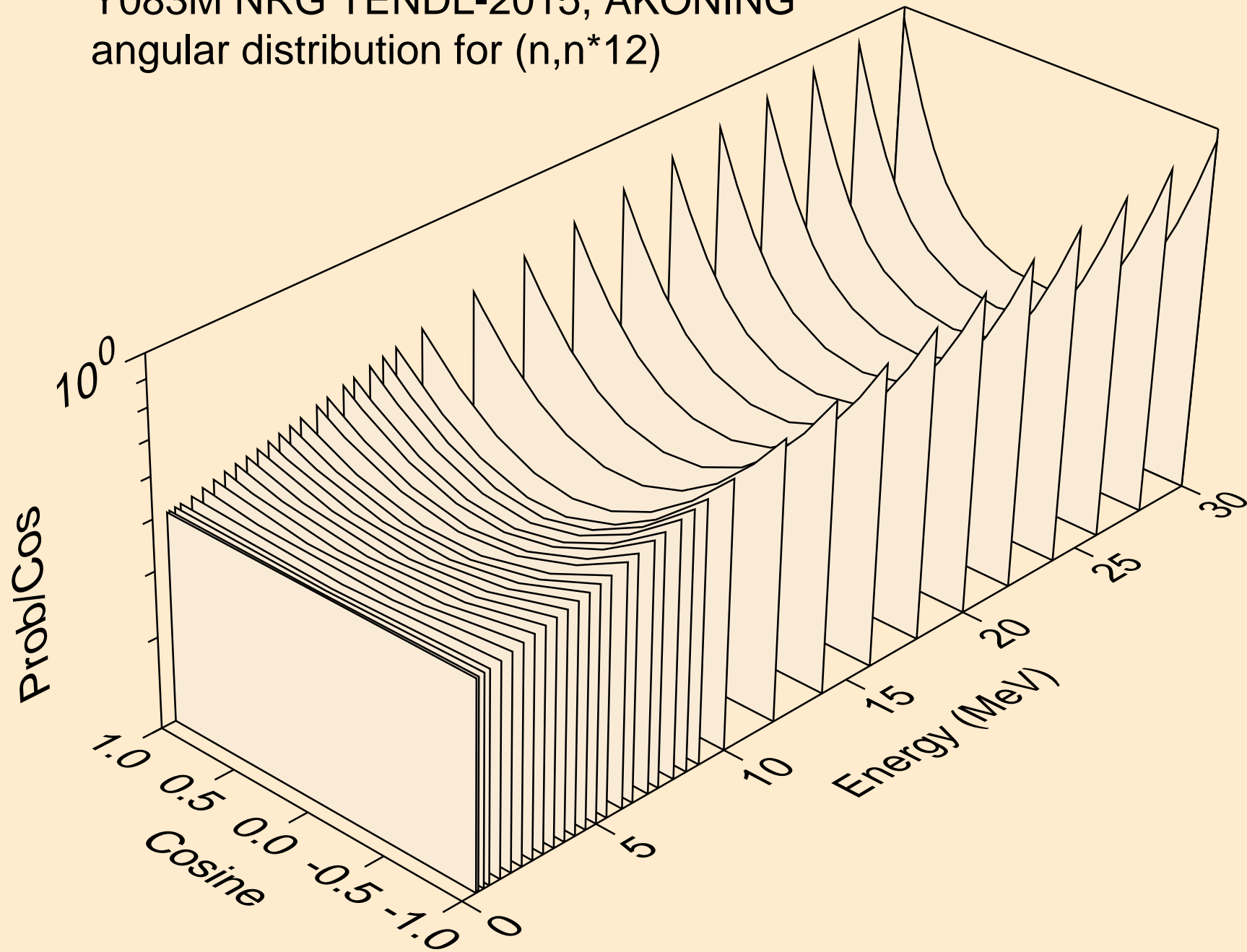
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angular distribution for (n,n\*10)



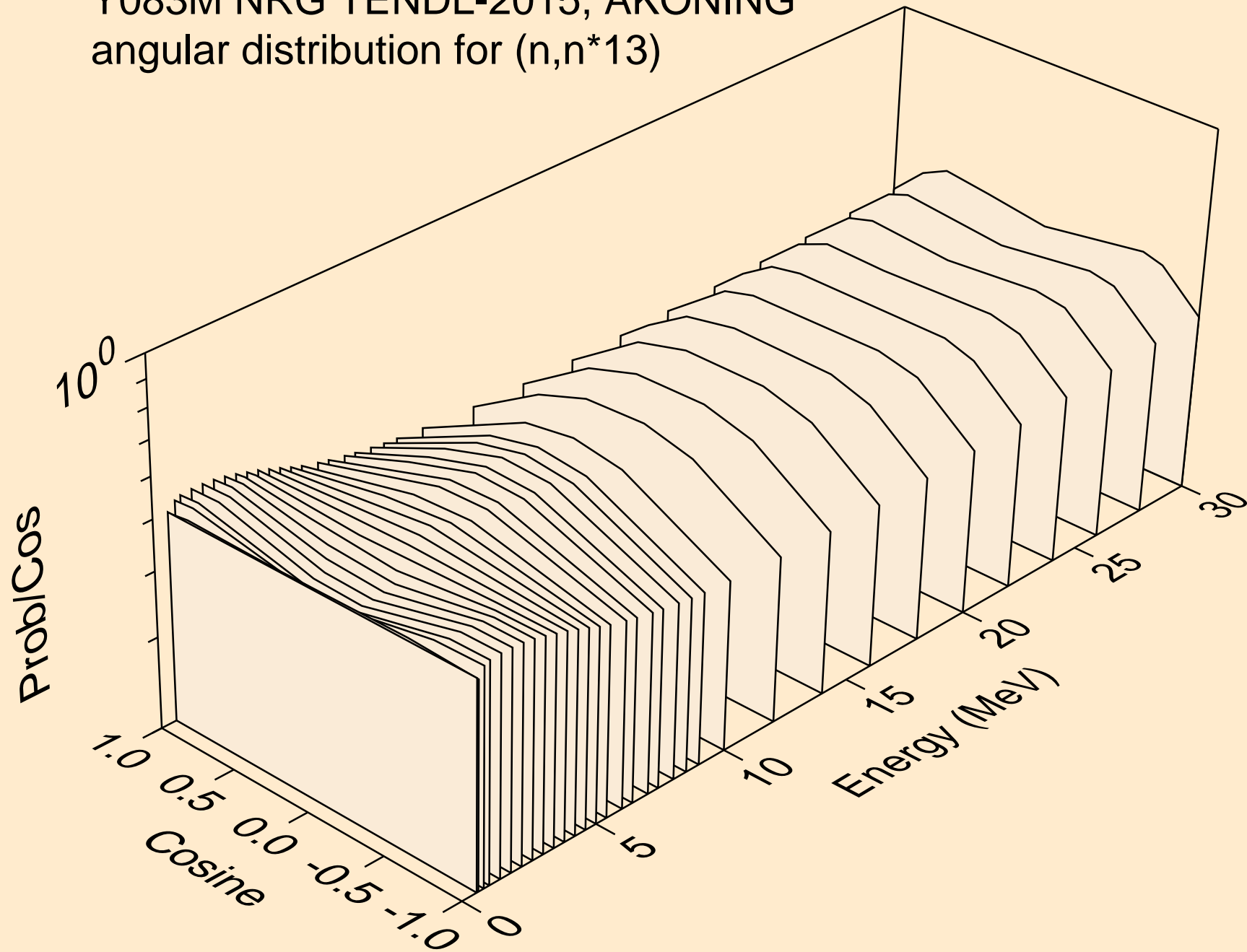
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angular distribution for (n,n\*11)



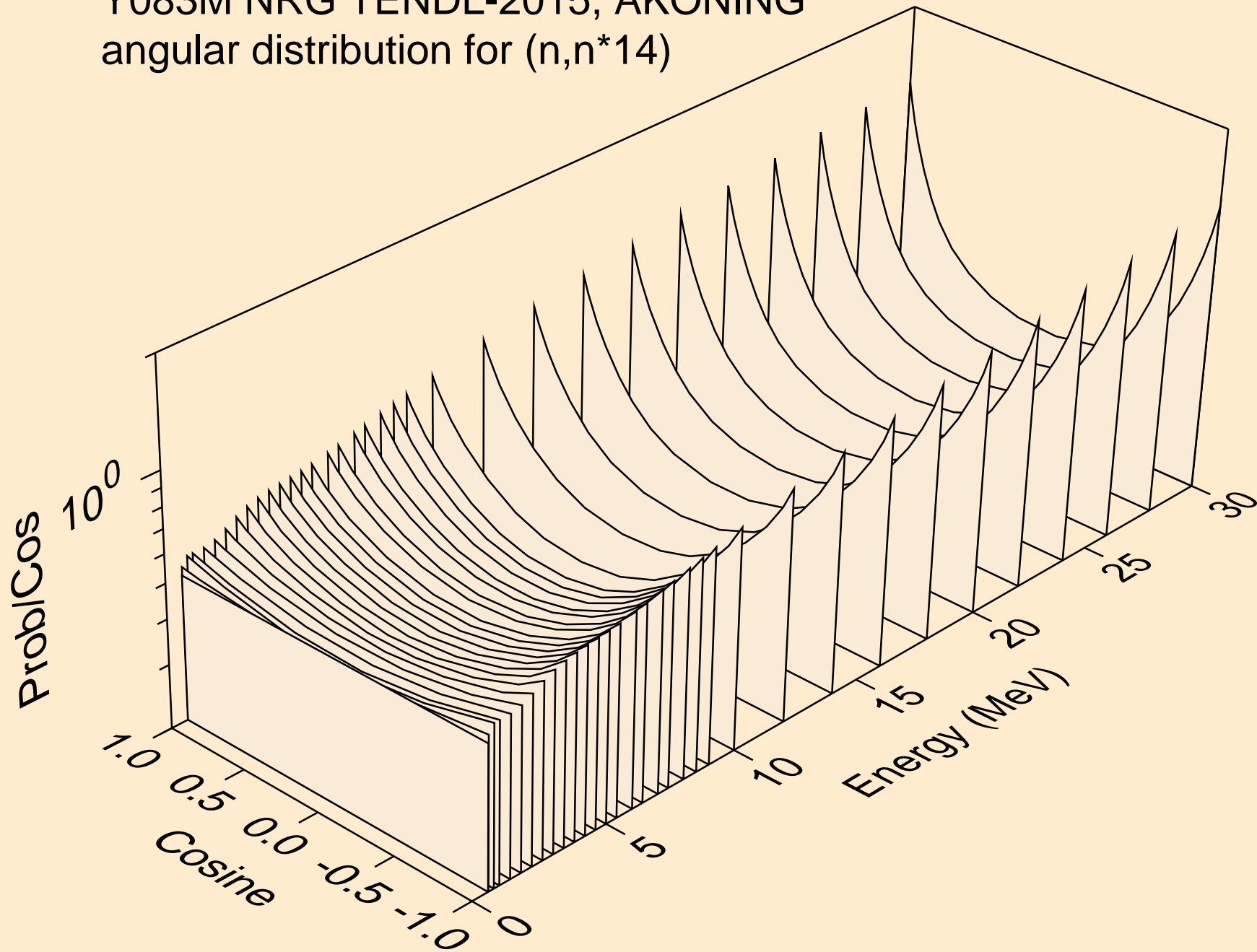
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angular distribution for (n,n\*12)



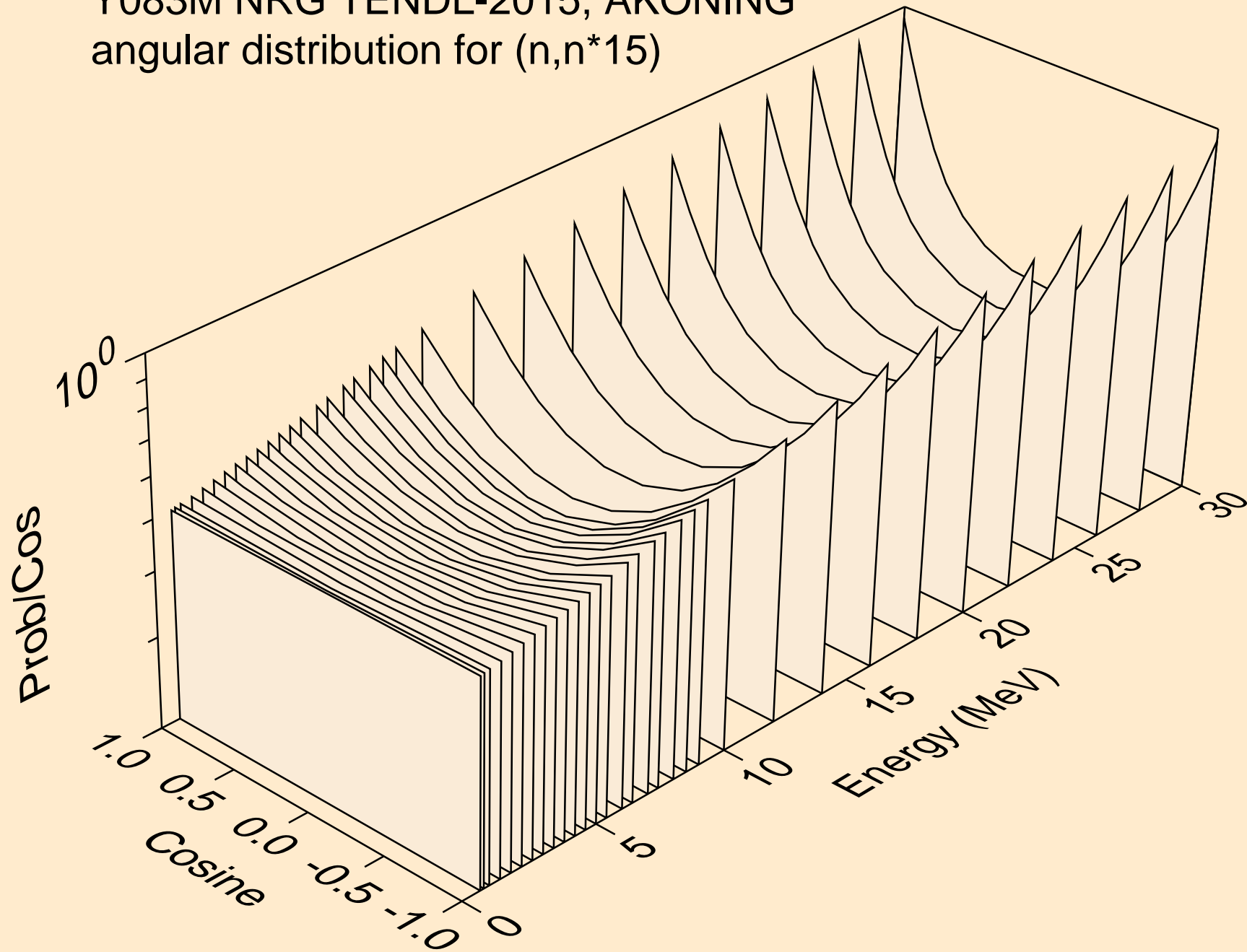
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angular distribution for (n,n\*13)



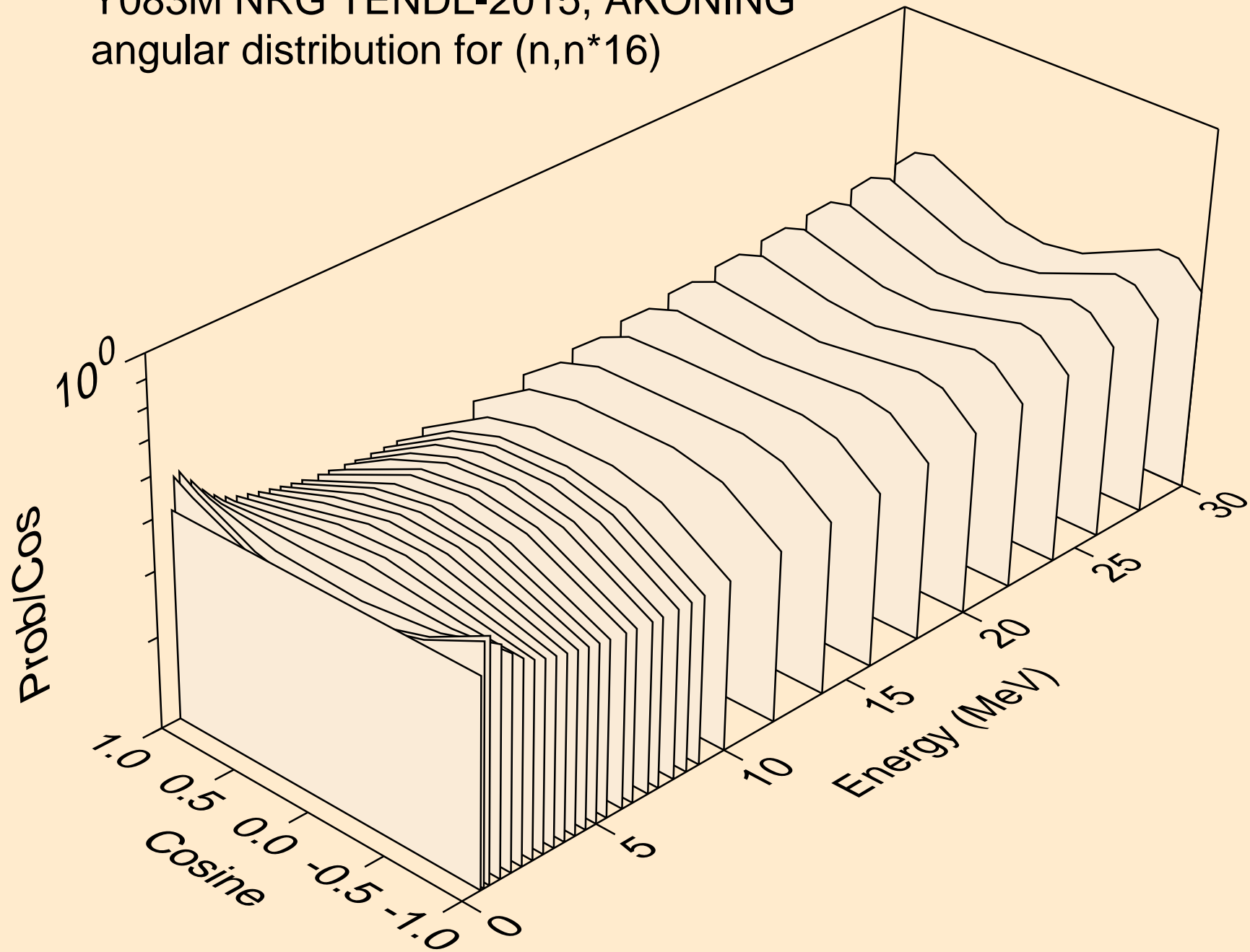
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angular distribution for (n,n\*14)



Y083M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

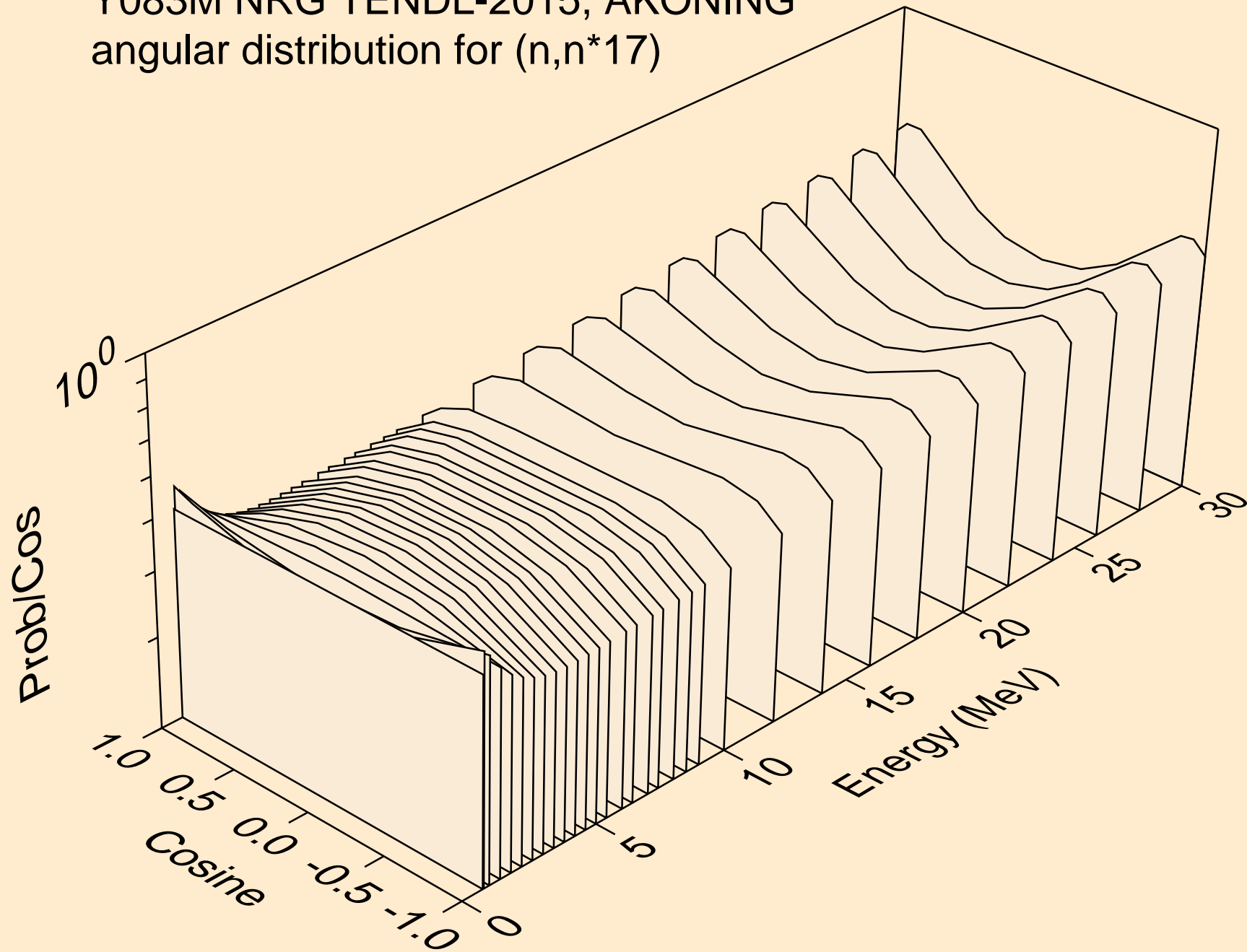


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angular distribution for (n,n\*16)

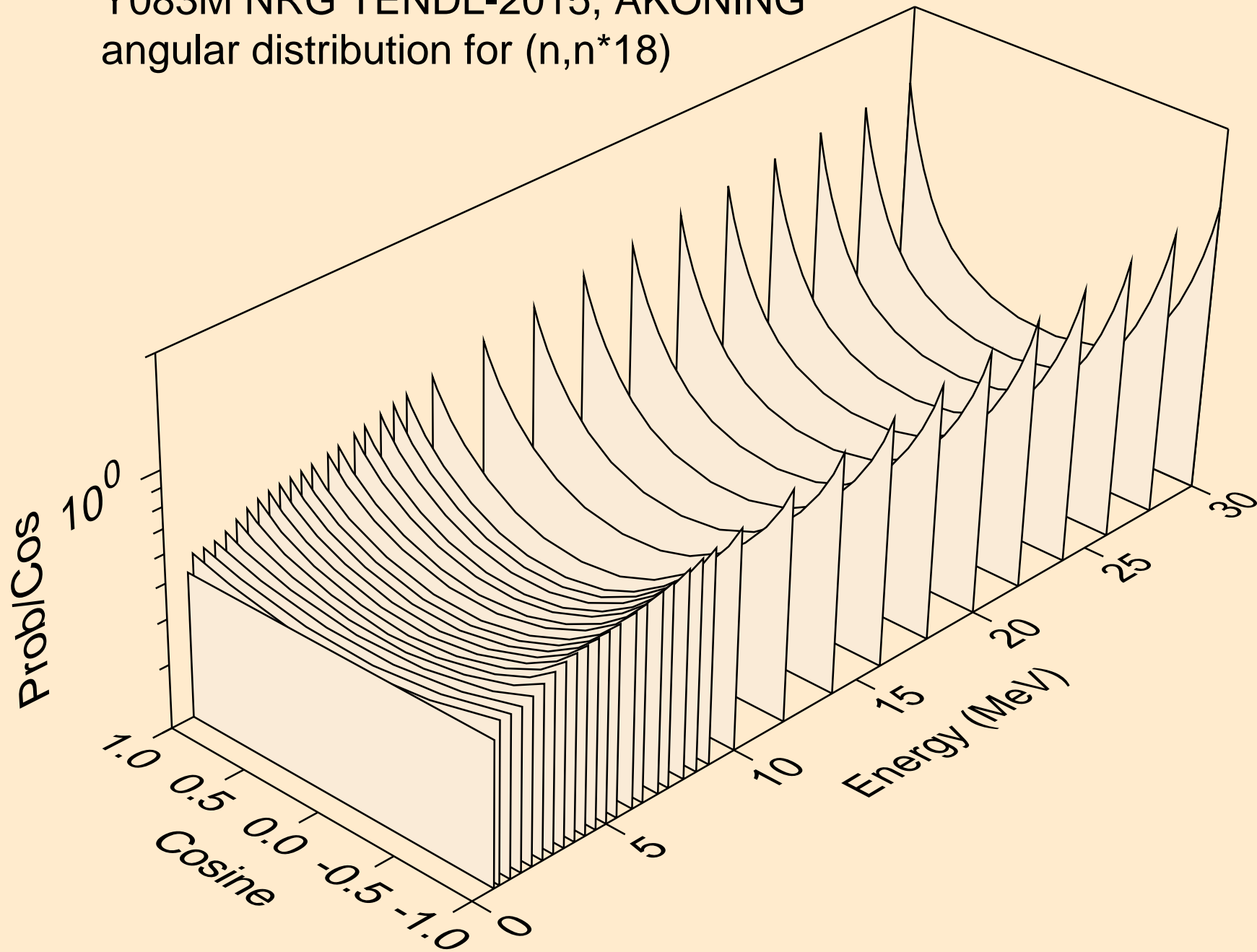




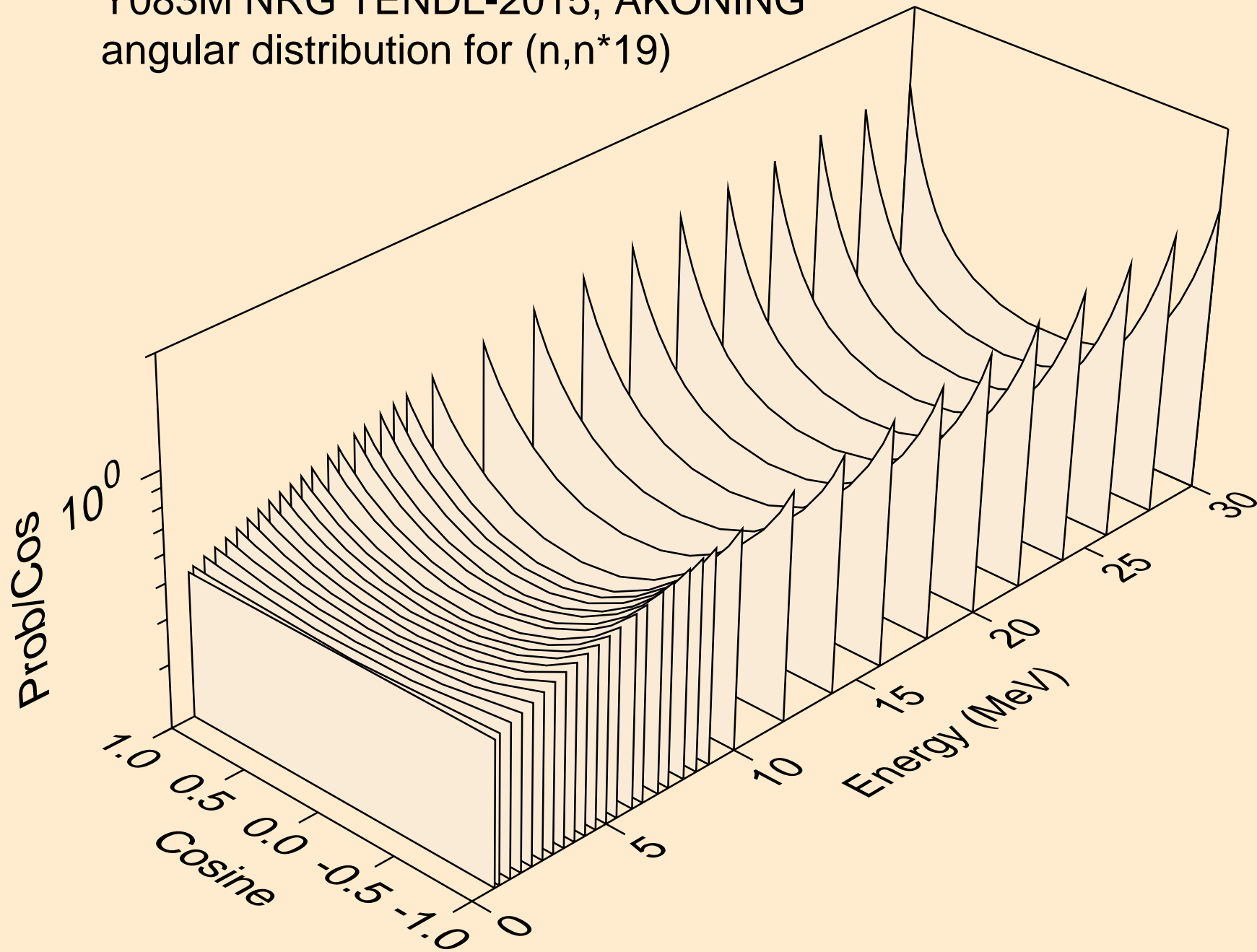
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angular distribution for (n,n\*17)



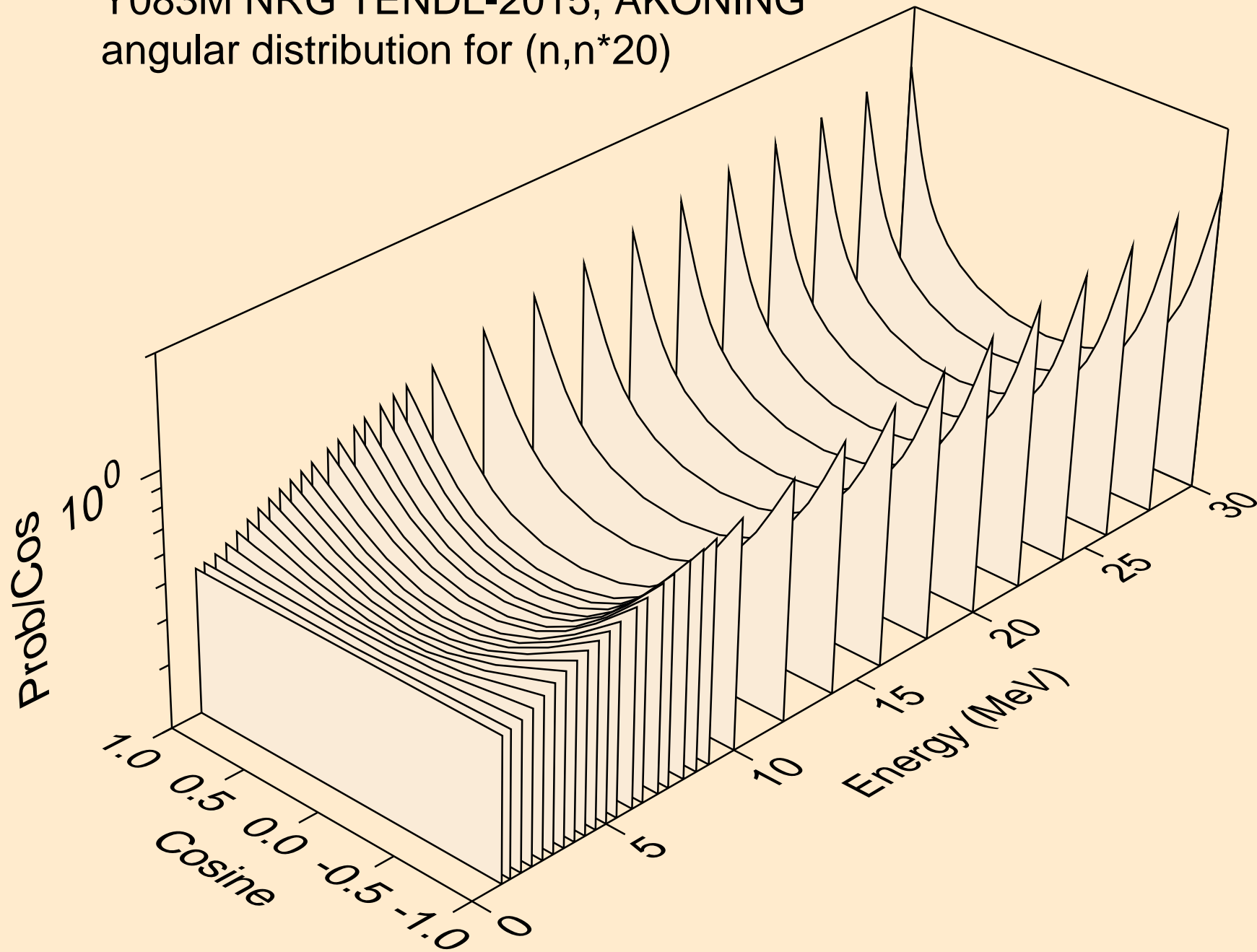
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angular distribution for (n,n\*18)



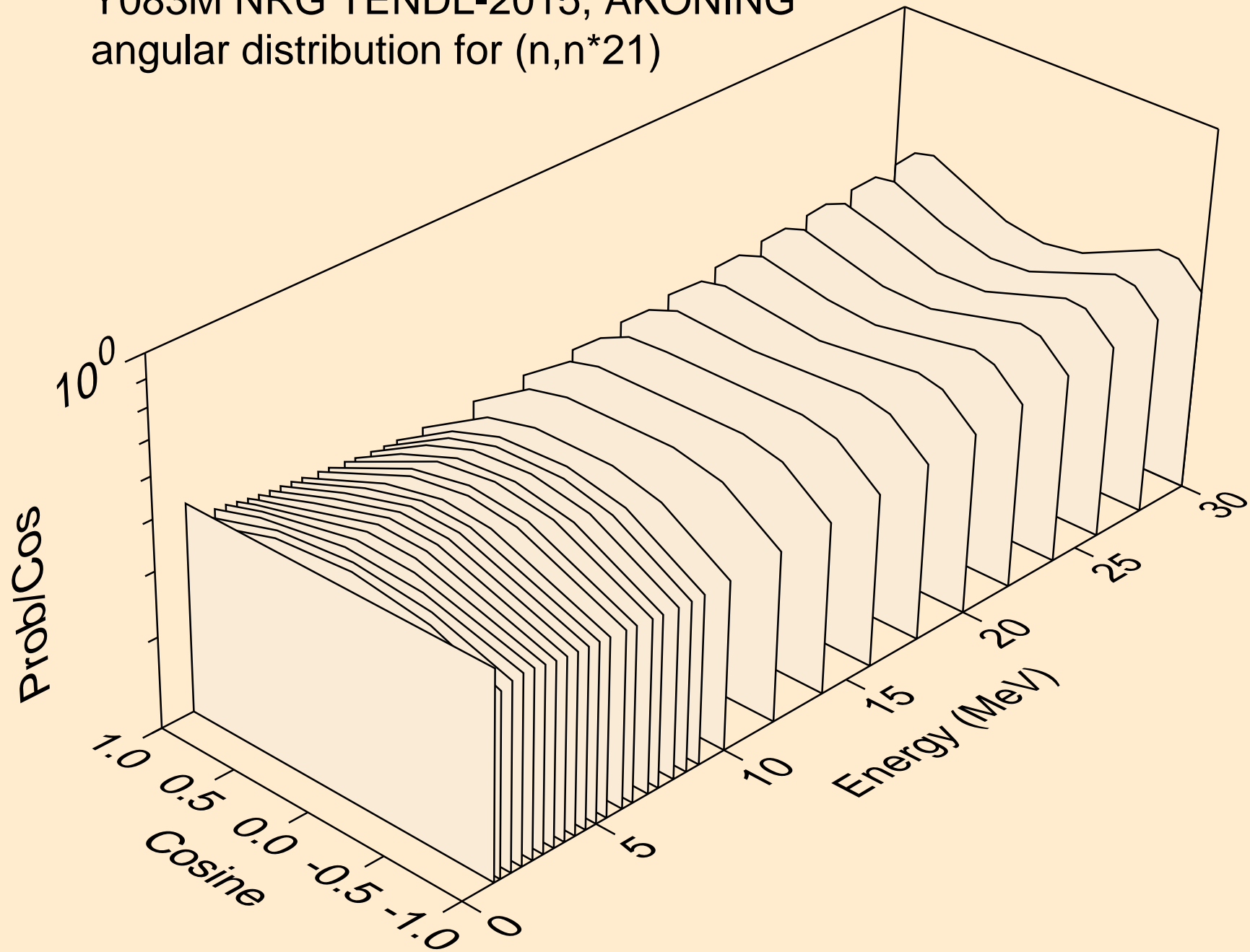
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angular distribution for (n,n\*19)



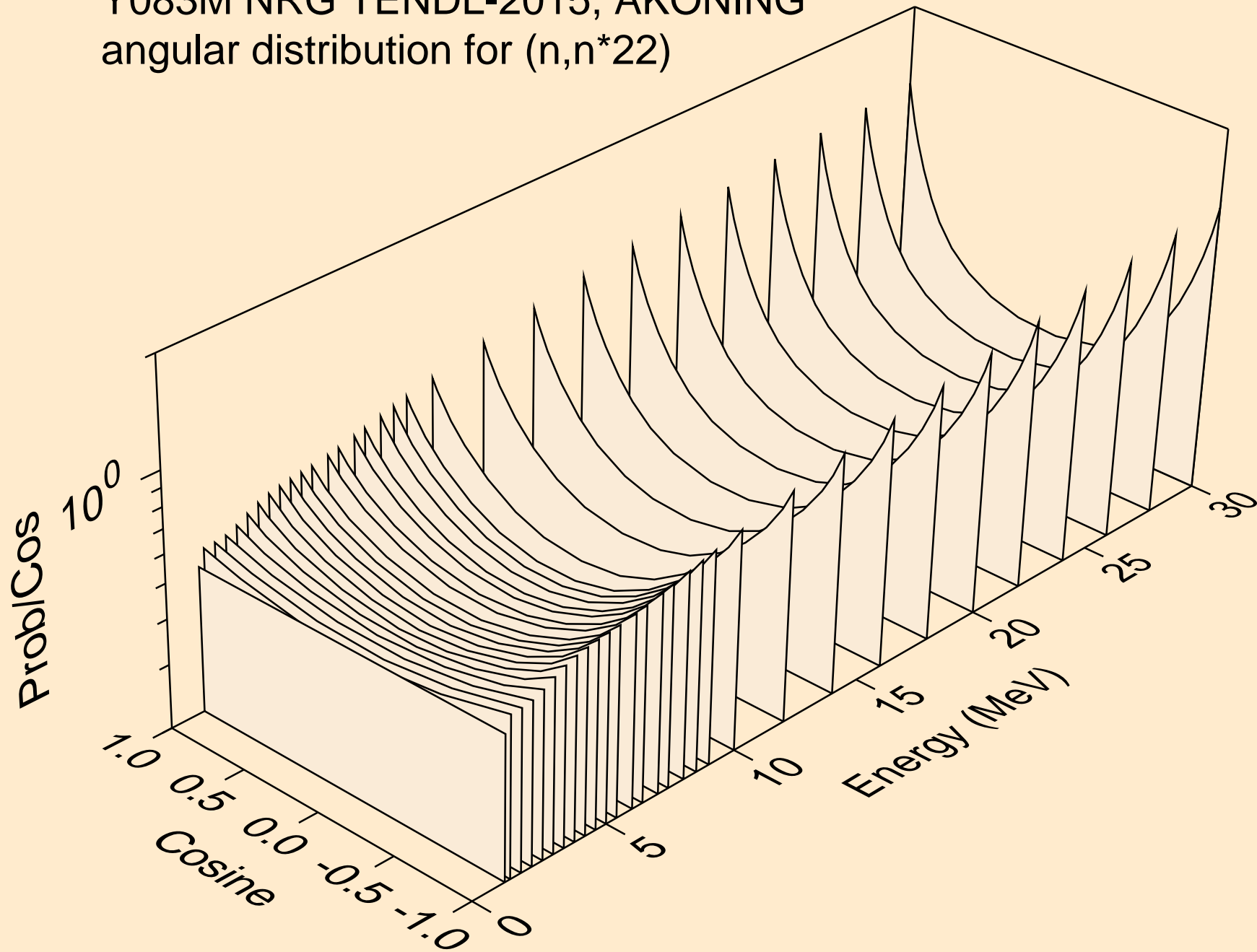
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angular distribution for (n,n\*20)



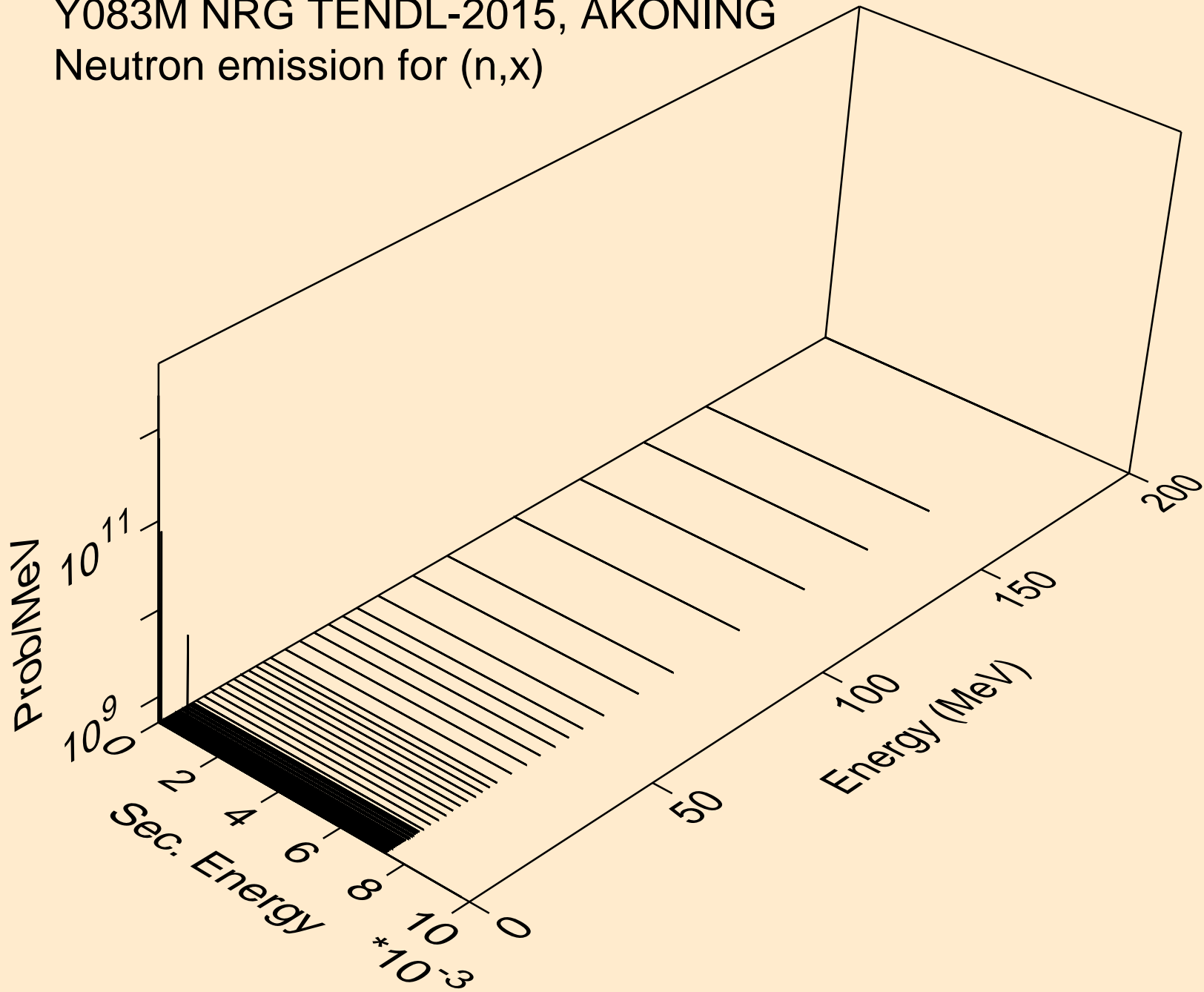
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angular distribution for (n,n\*21)



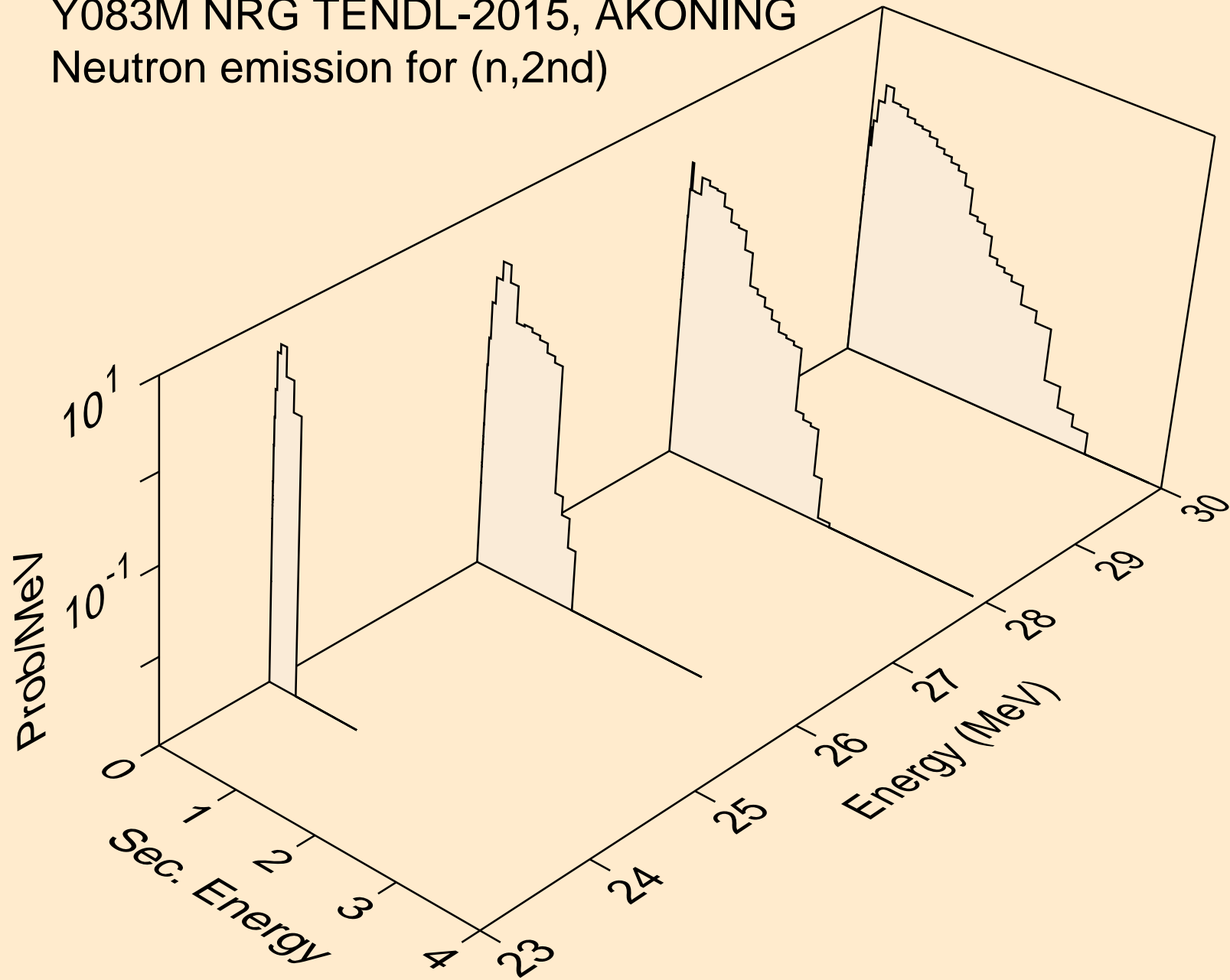
Y083M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



Y083M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

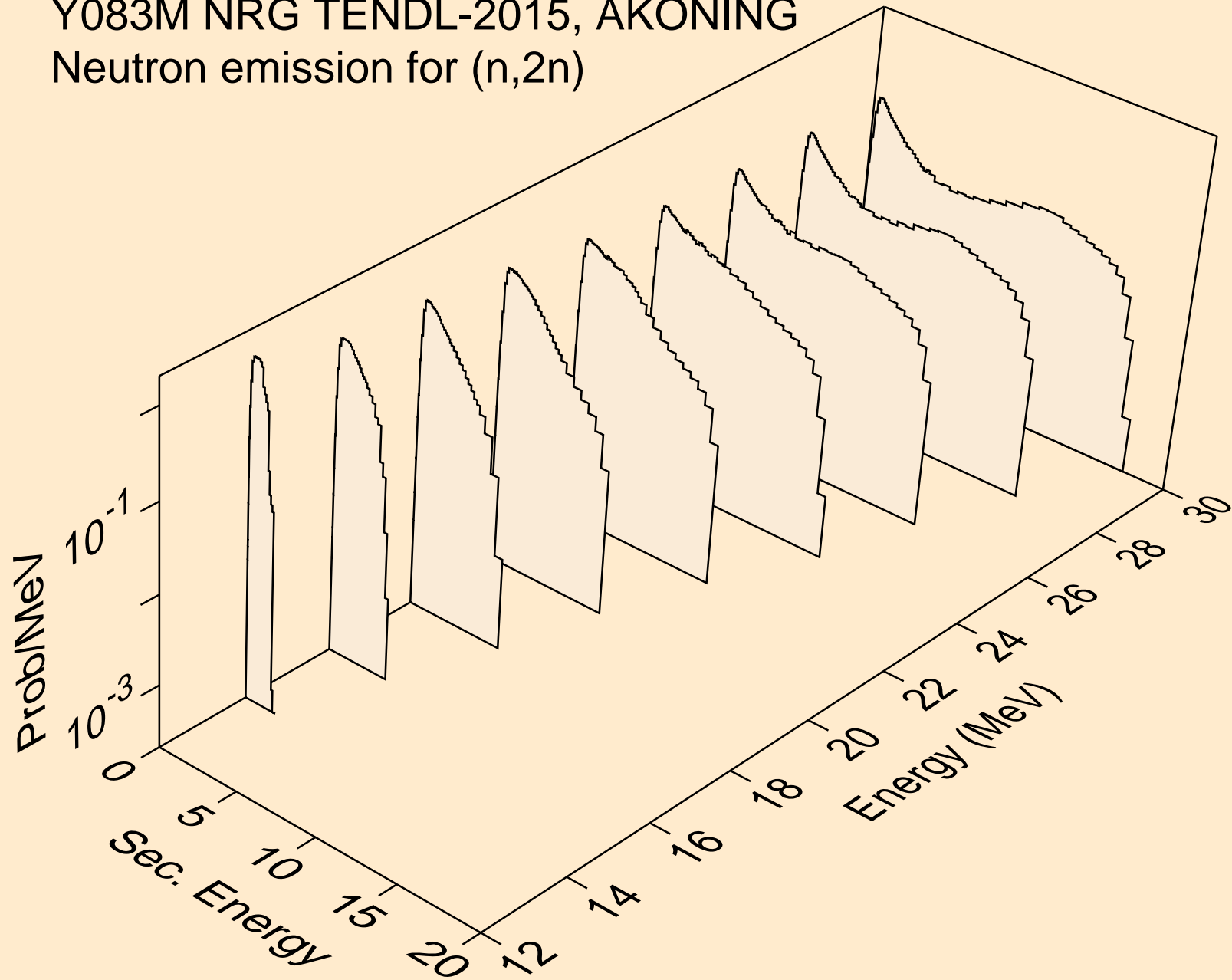


Y083M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

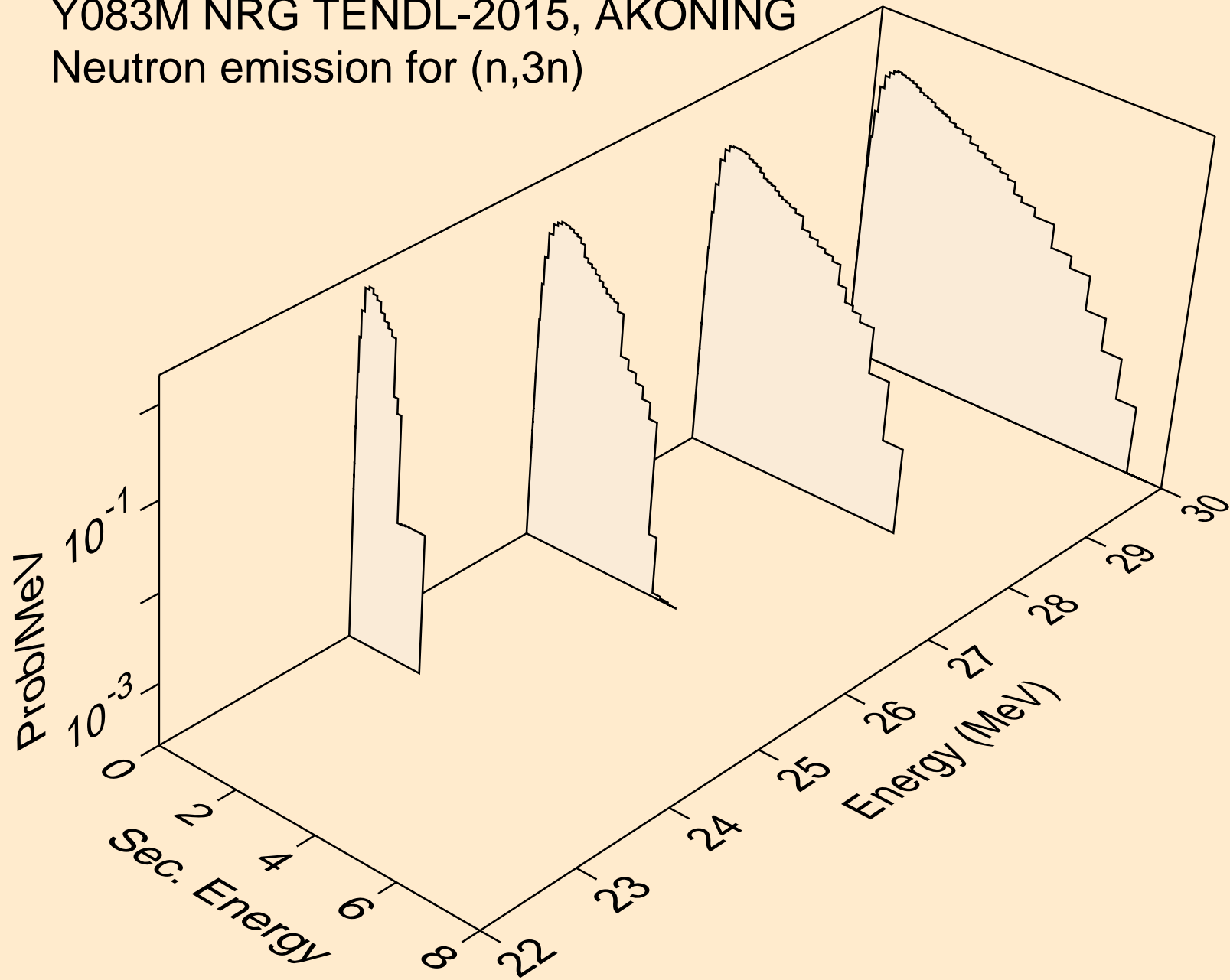




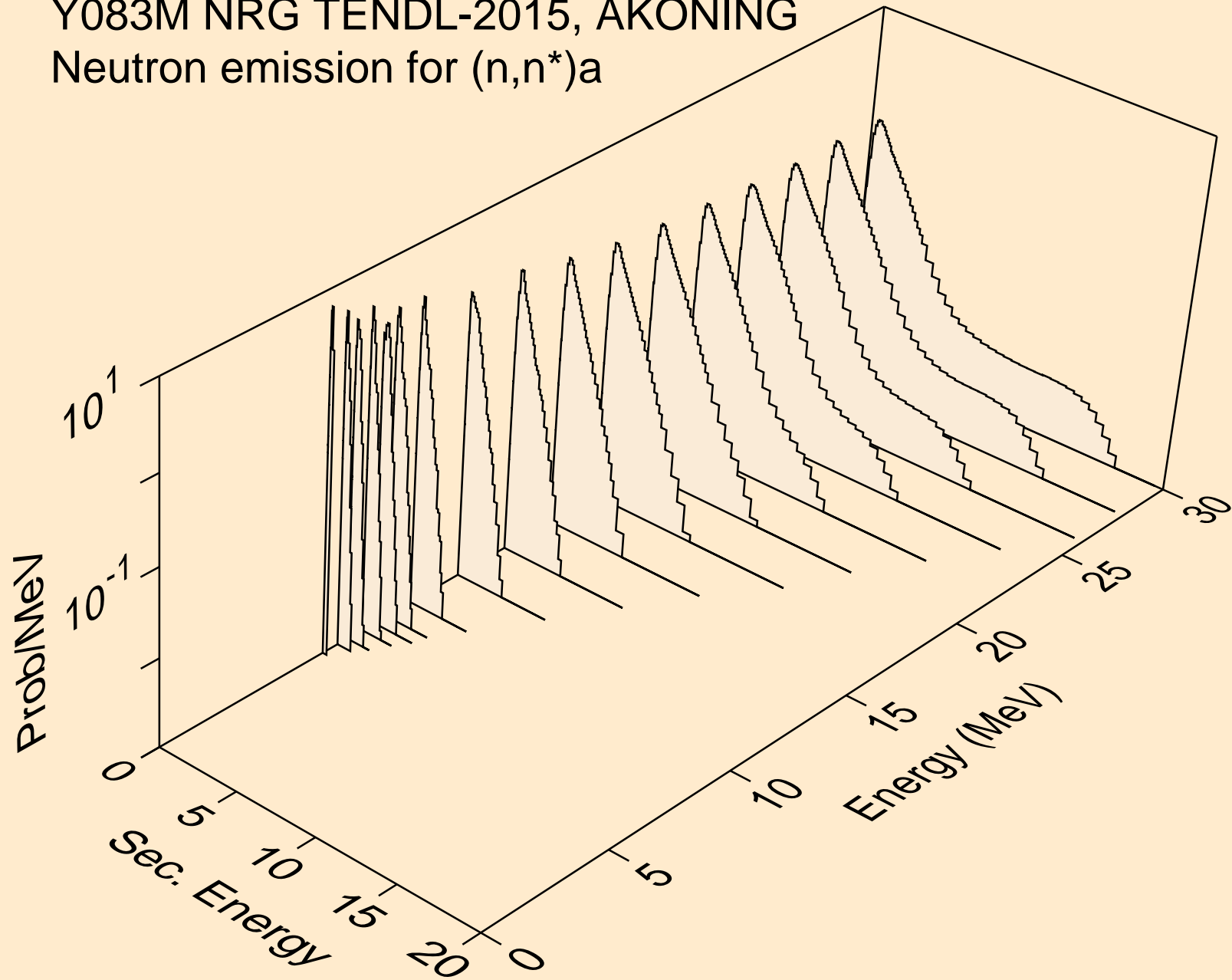
Y083M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



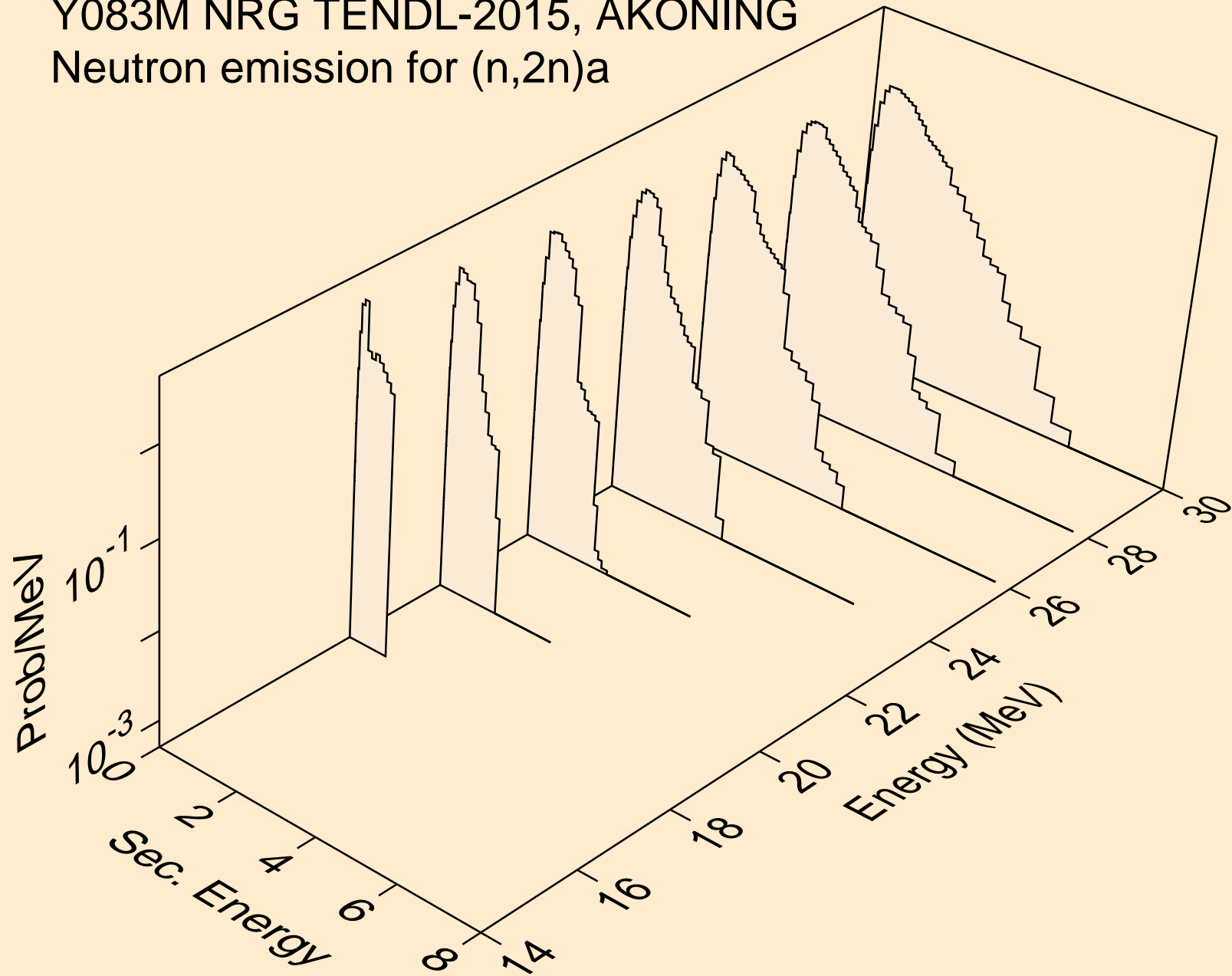
Y083M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



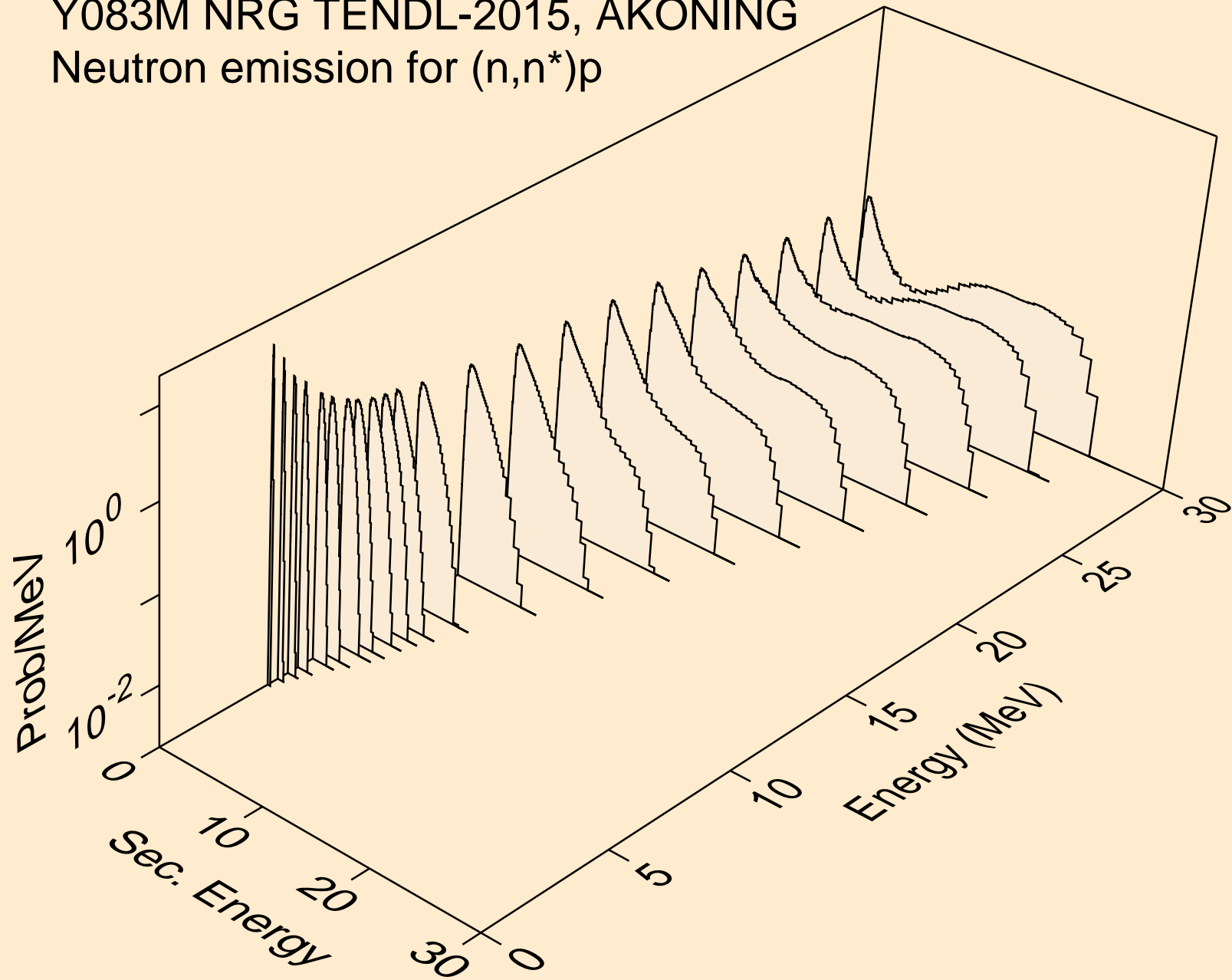
Y083M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



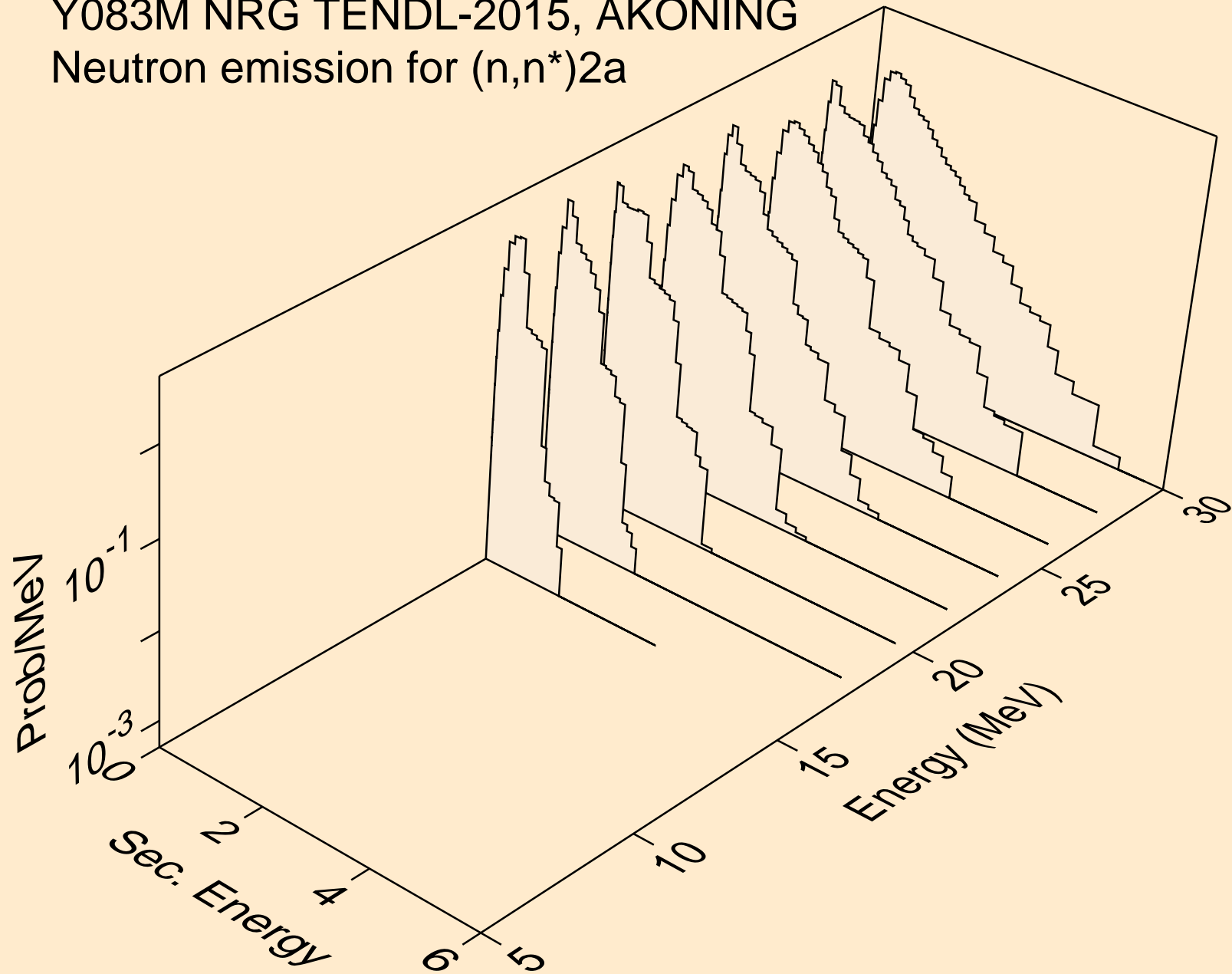
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Neutron emission for (n,2n)a



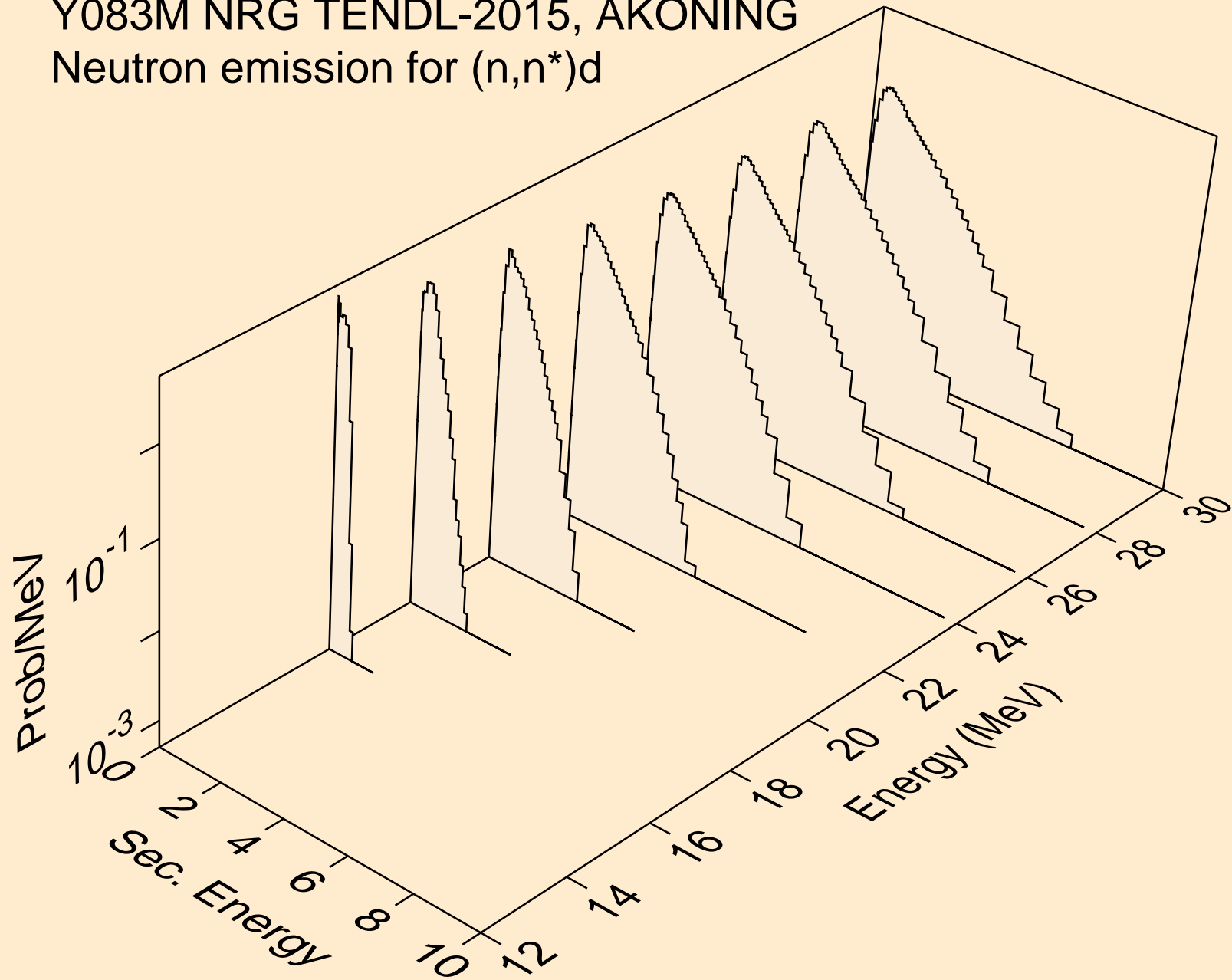
Y083M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



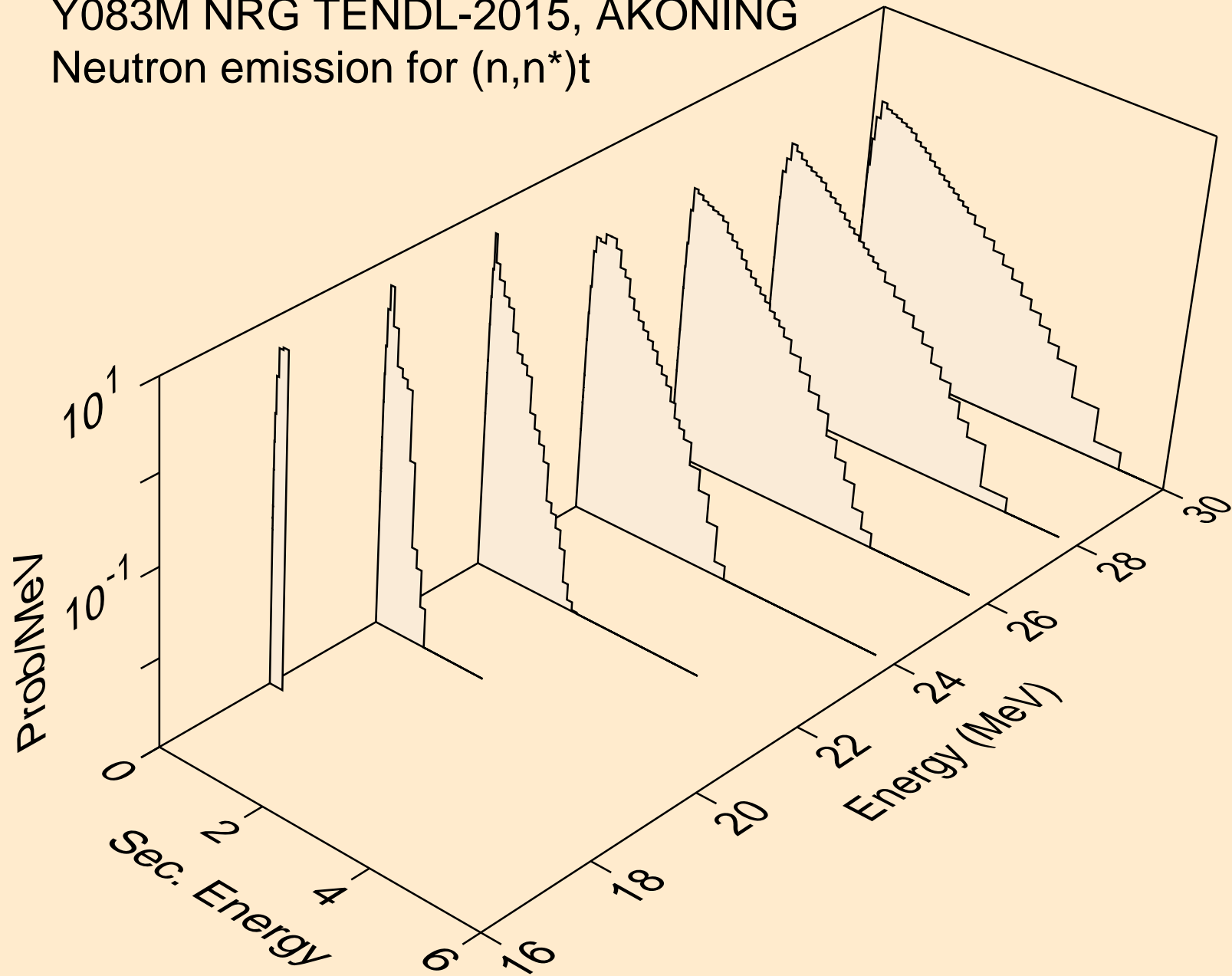
Y083M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



Y083M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

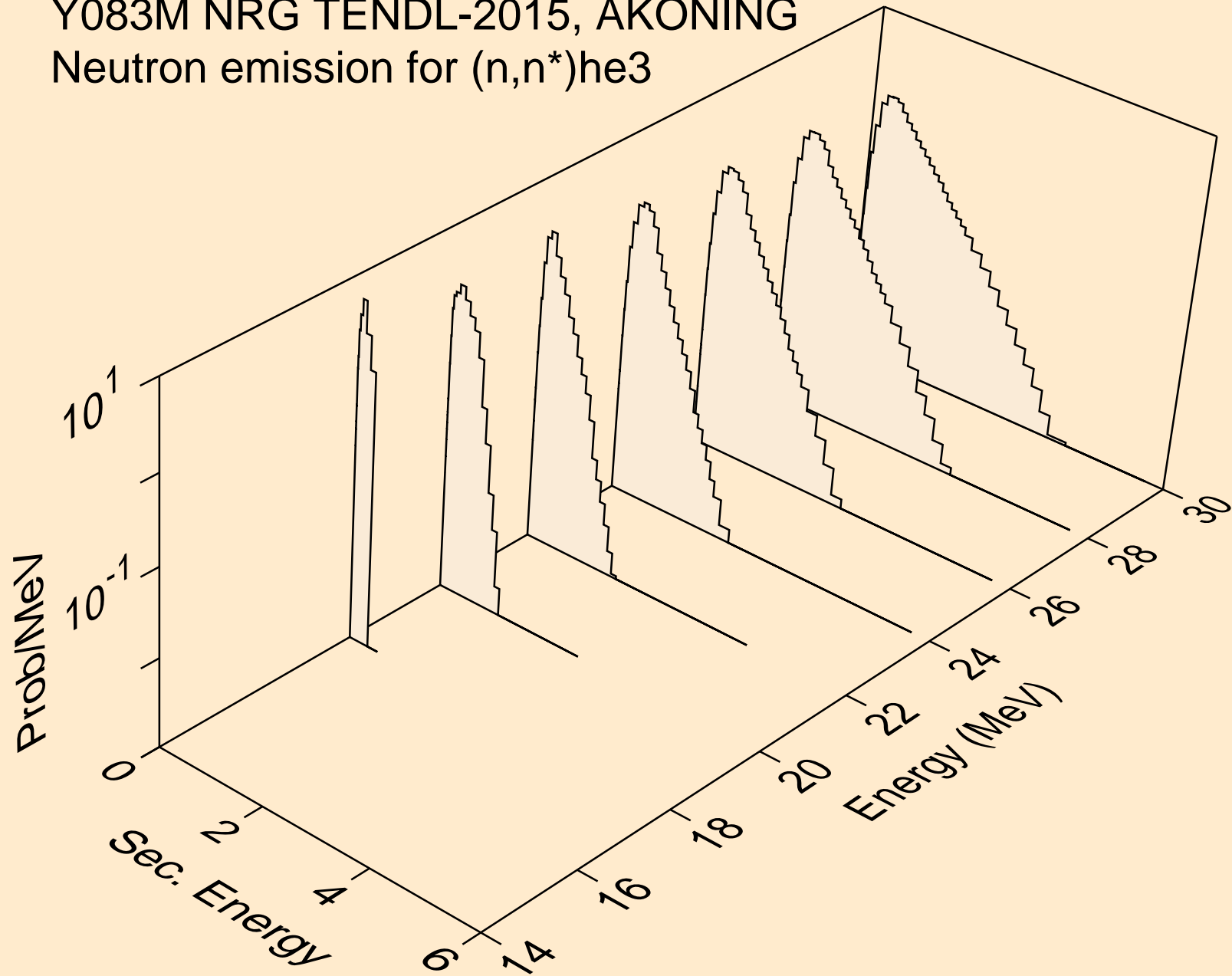


Y083M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

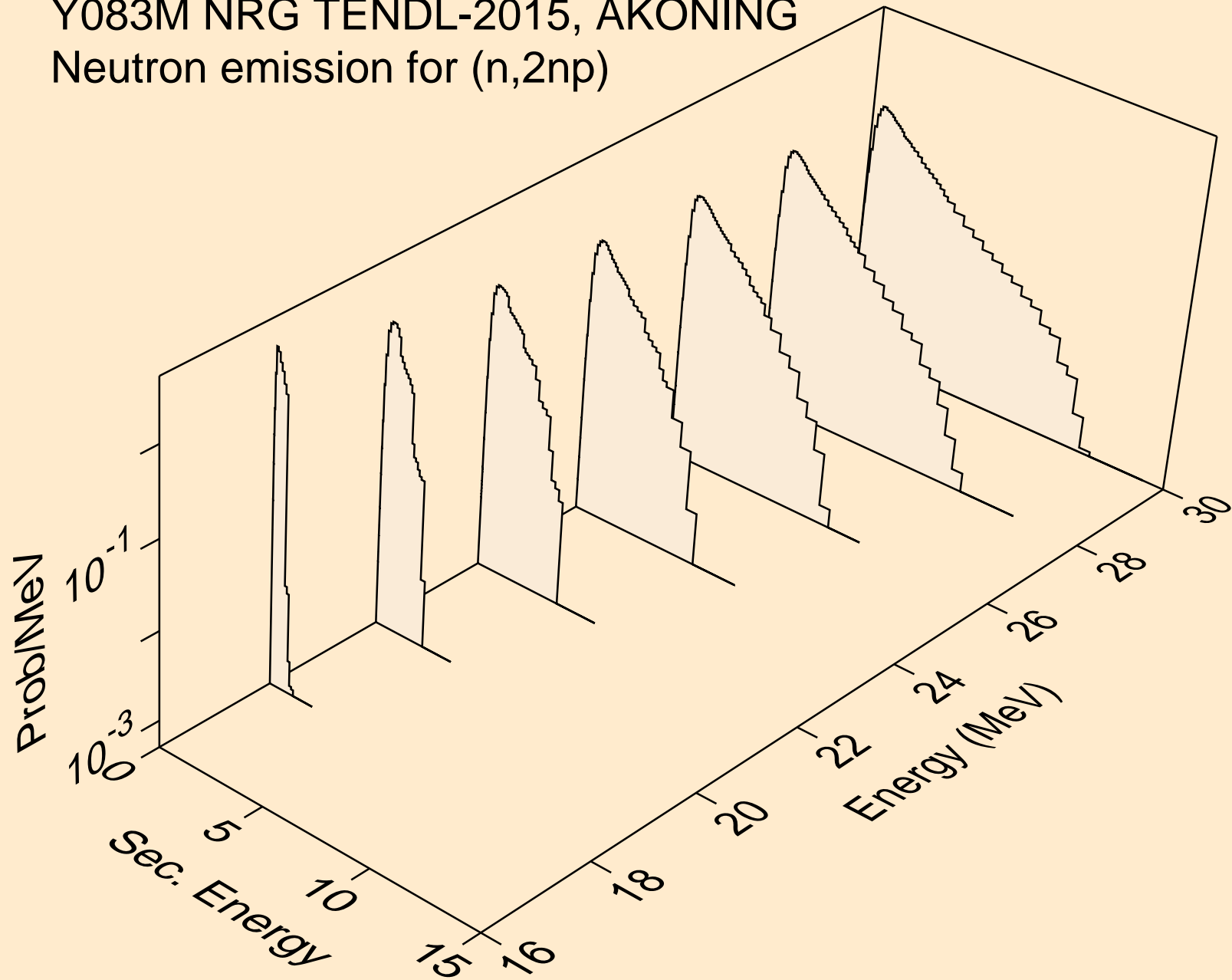




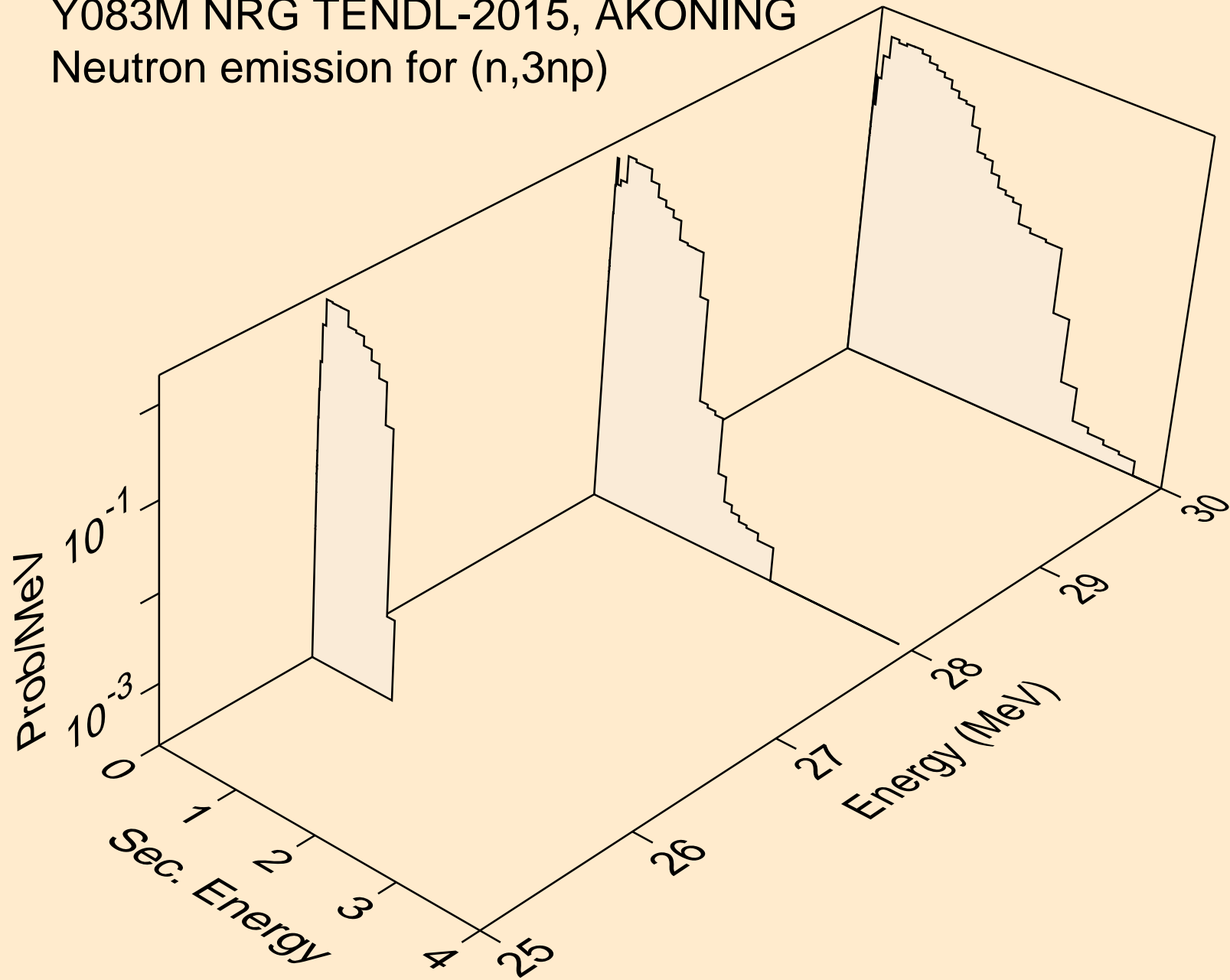
Y083M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



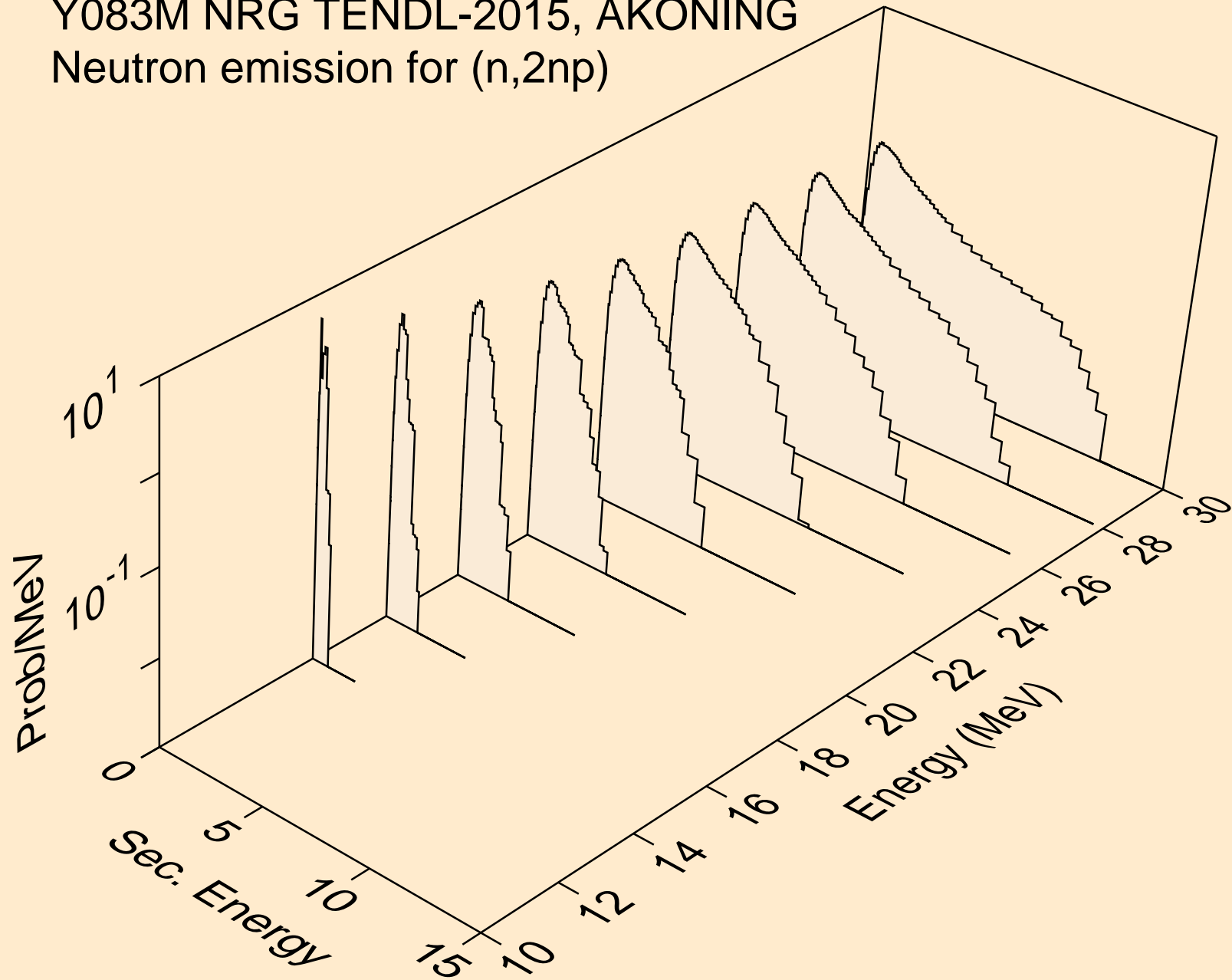
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Neutron emission for (n,2np)



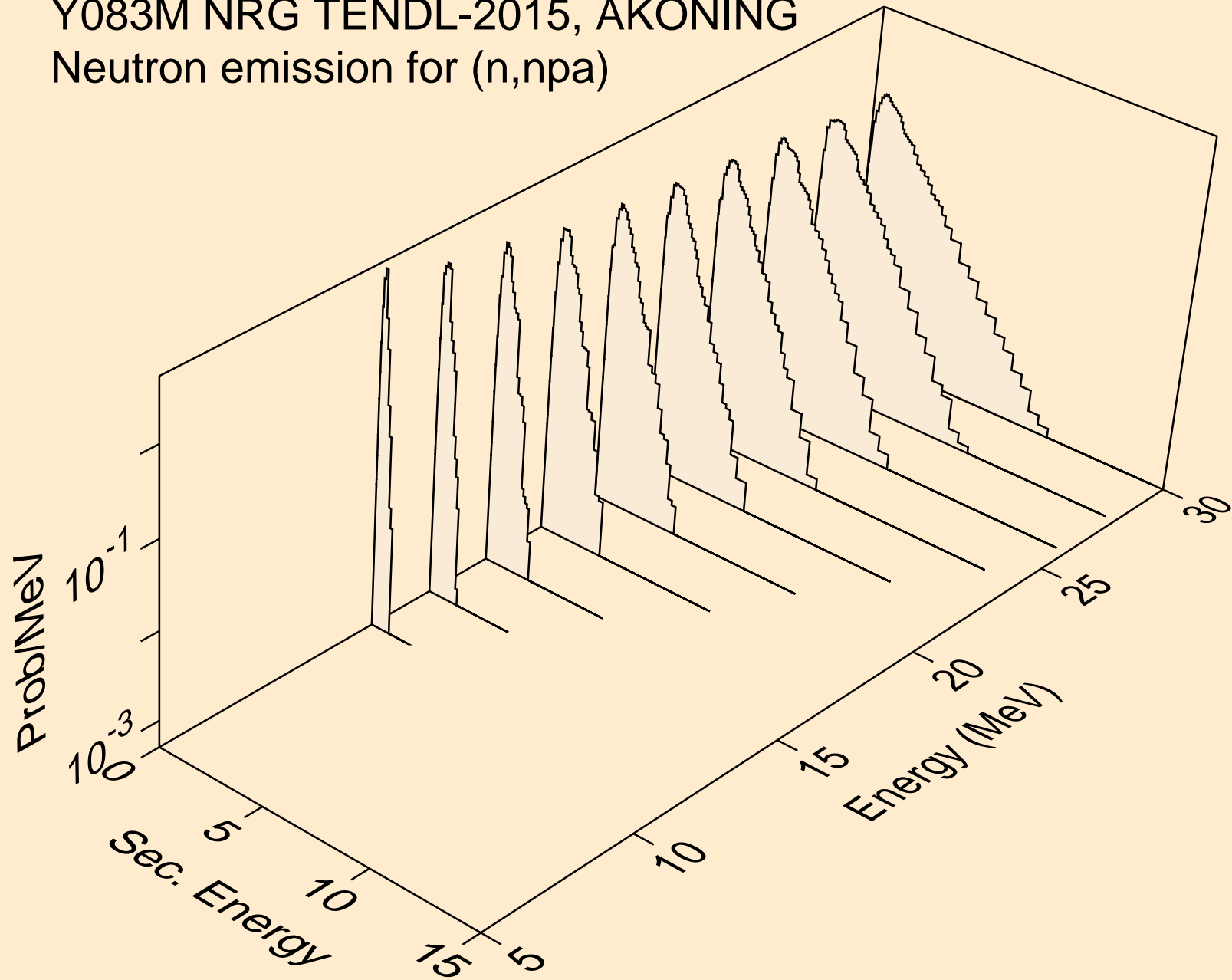
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Neutron emission for (n,3np)



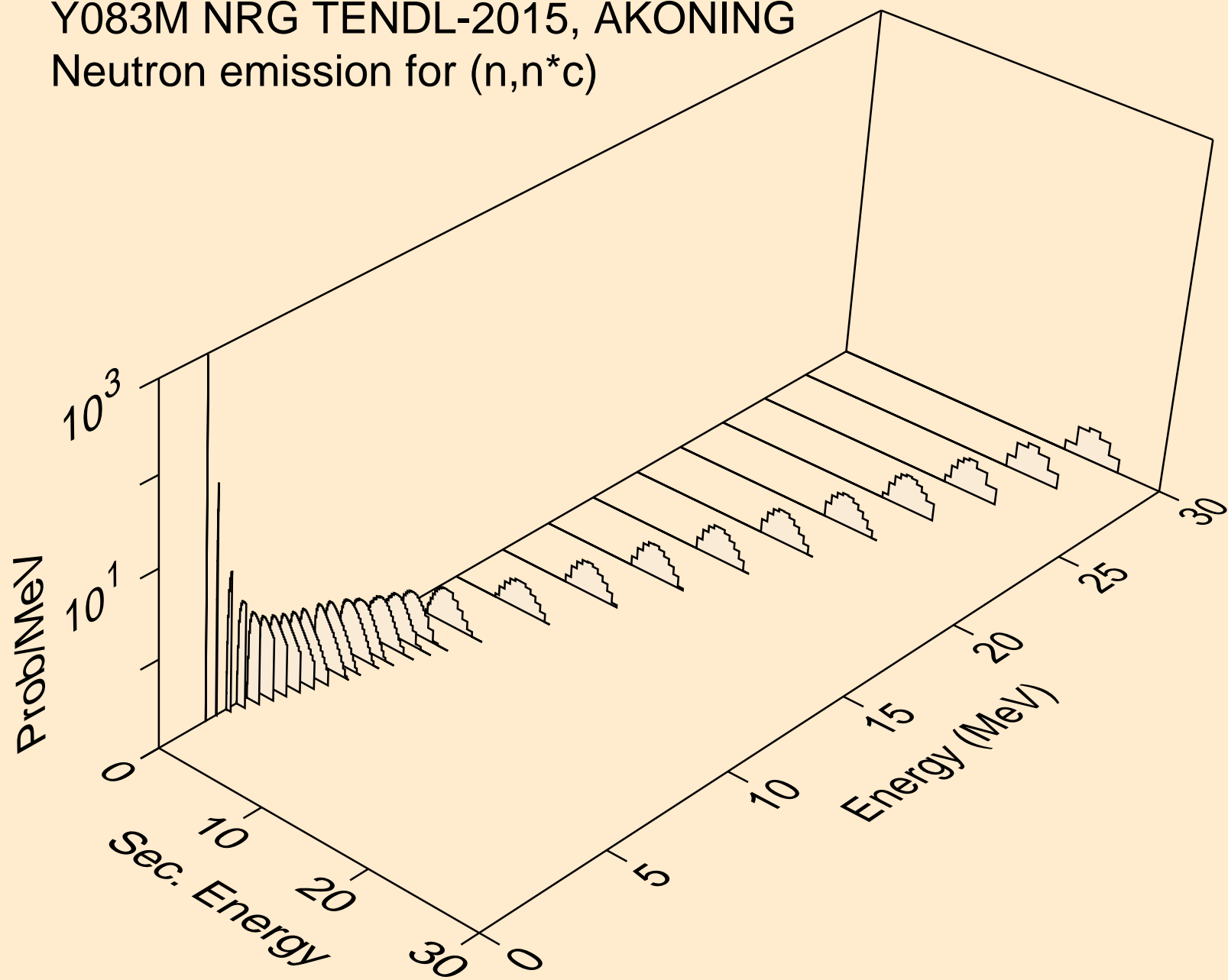
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Neutron emission for (n,2np)



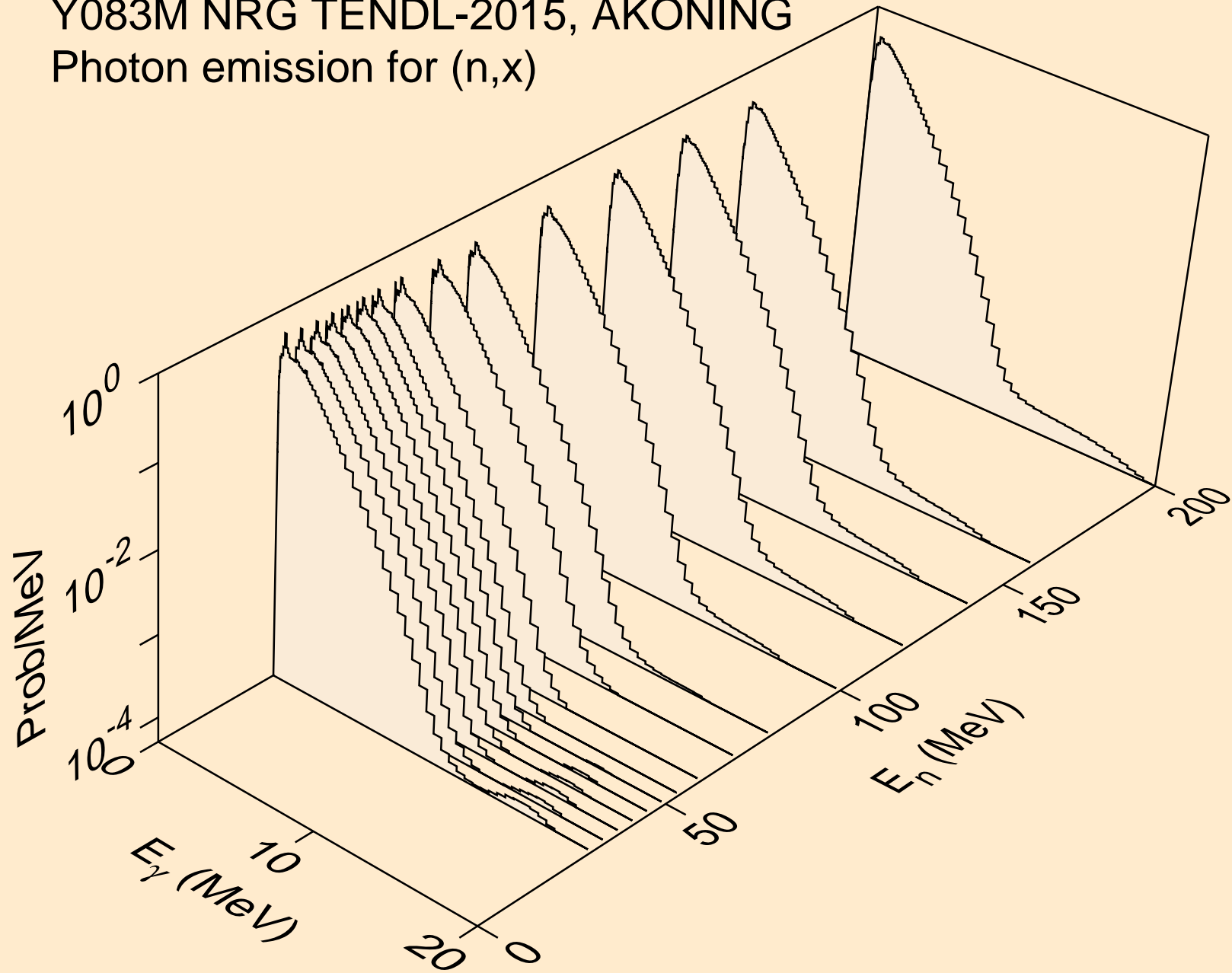
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Neutron emission for (n,npa)



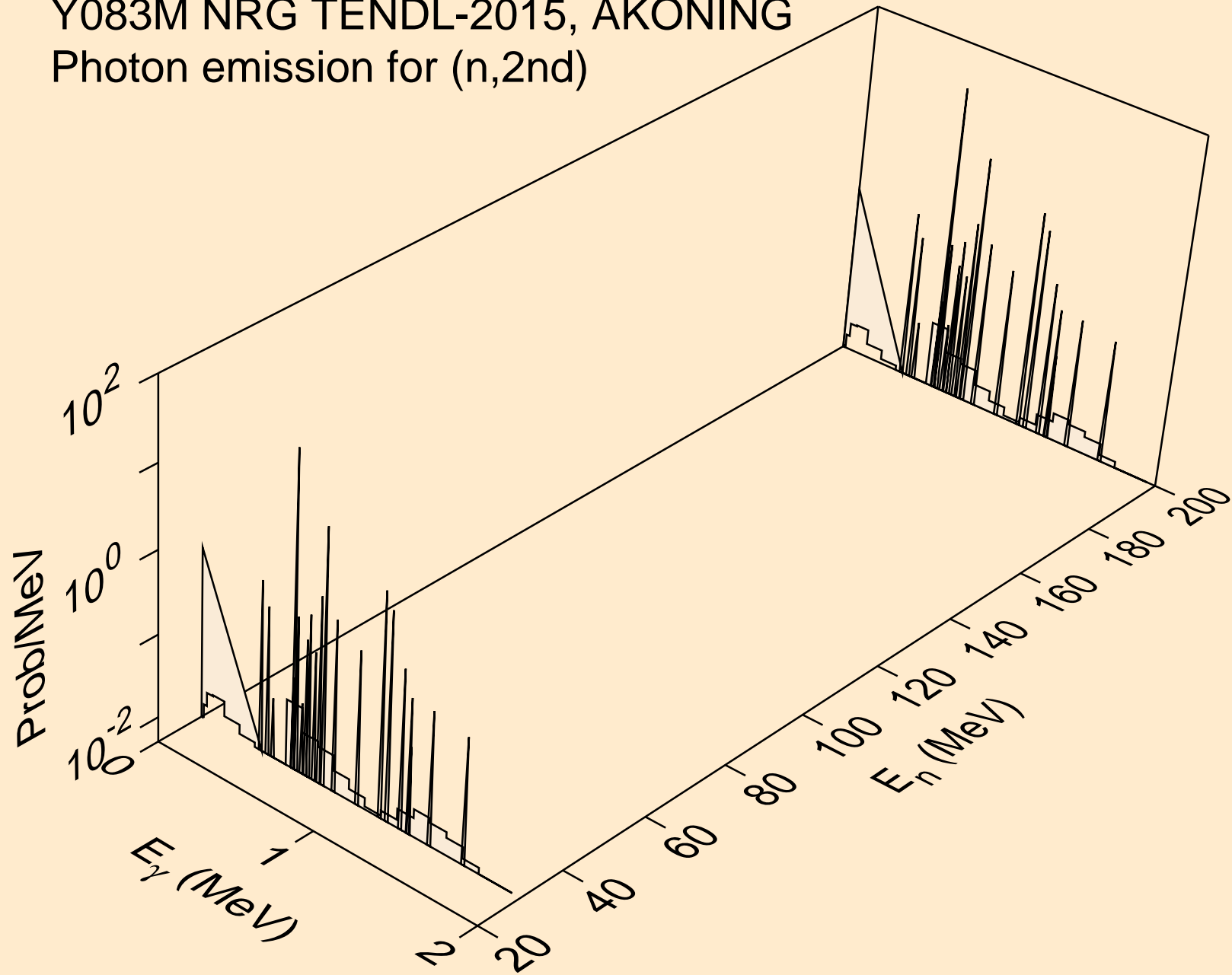
Y083M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,x)

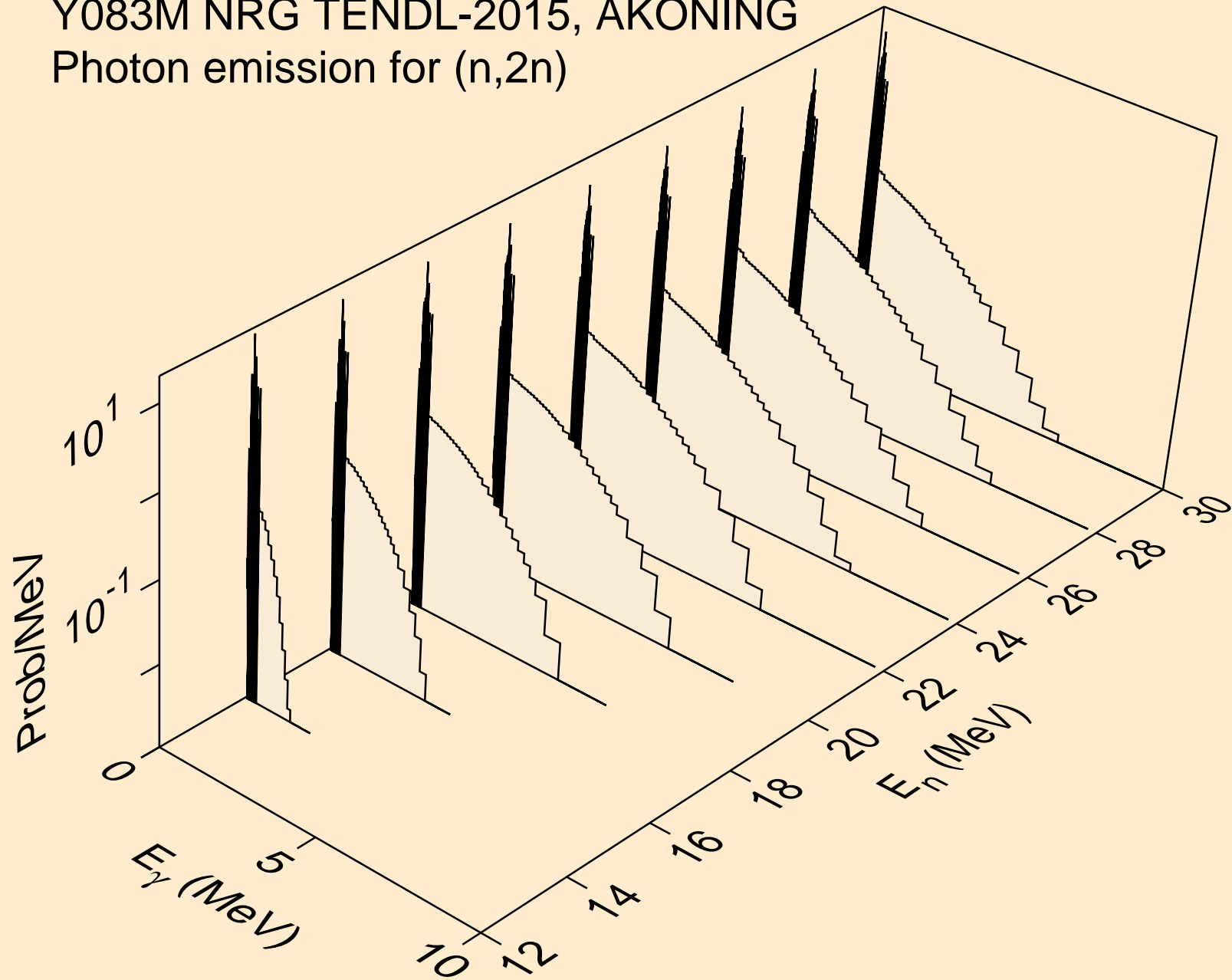


Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

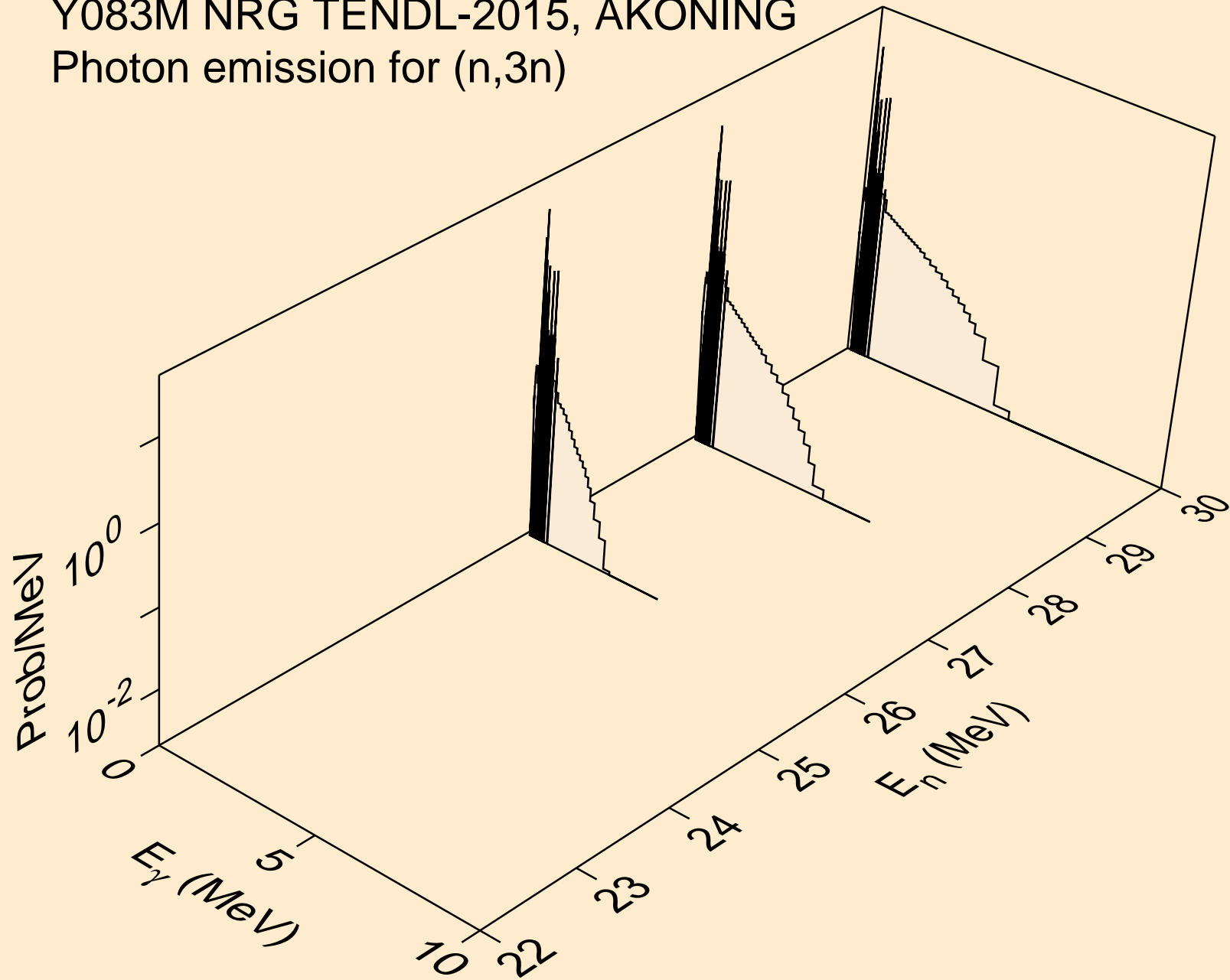




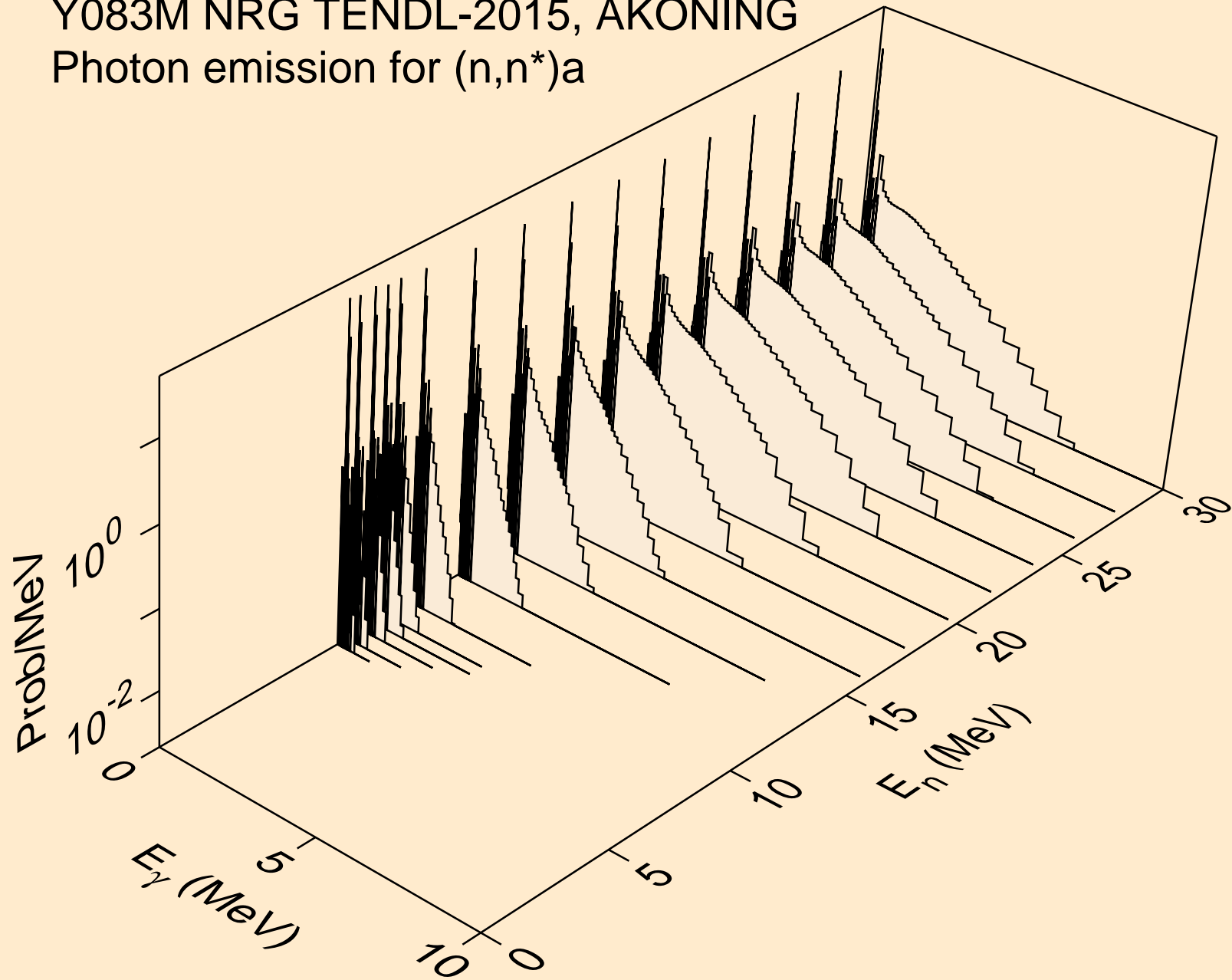
Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



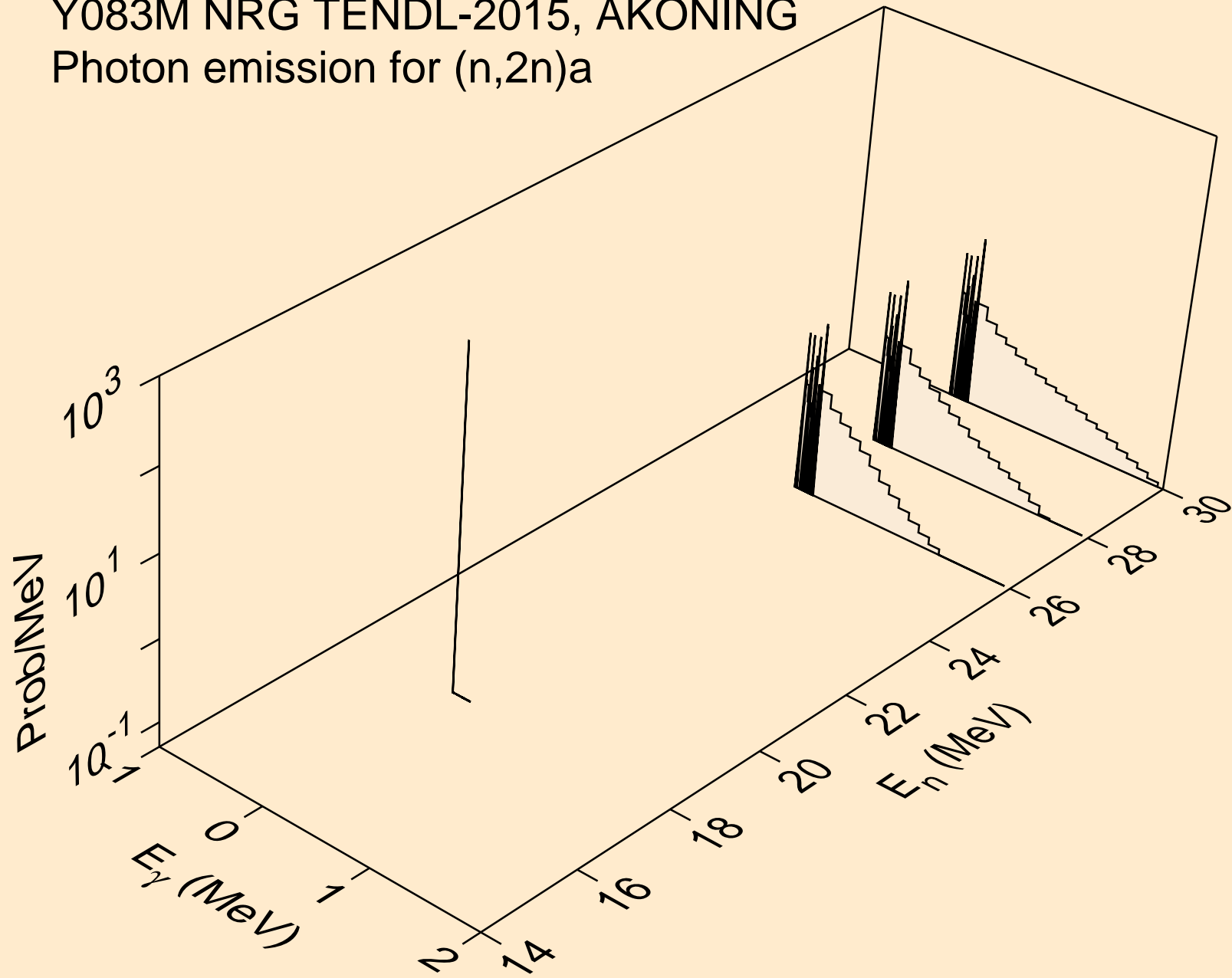
Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



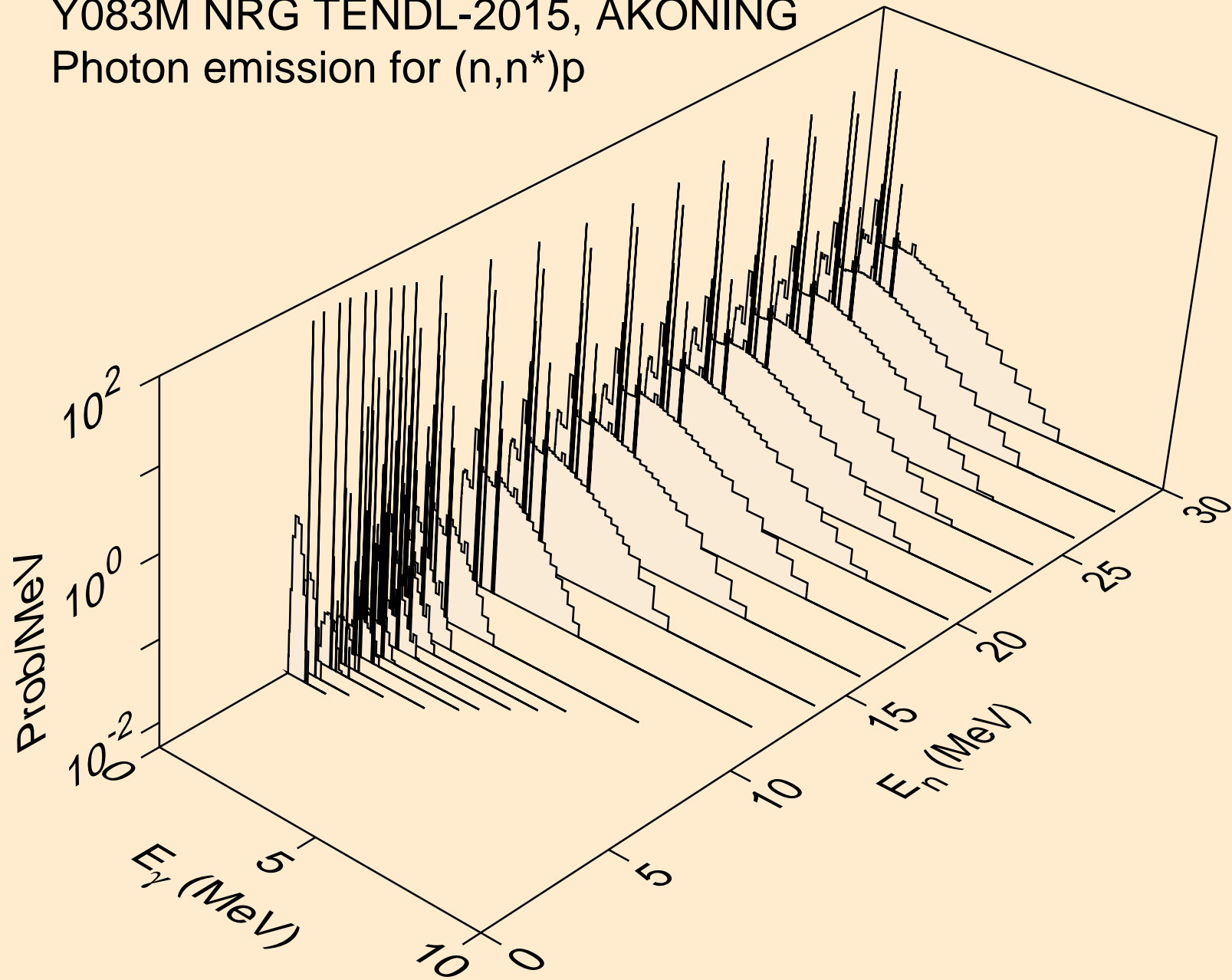
Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



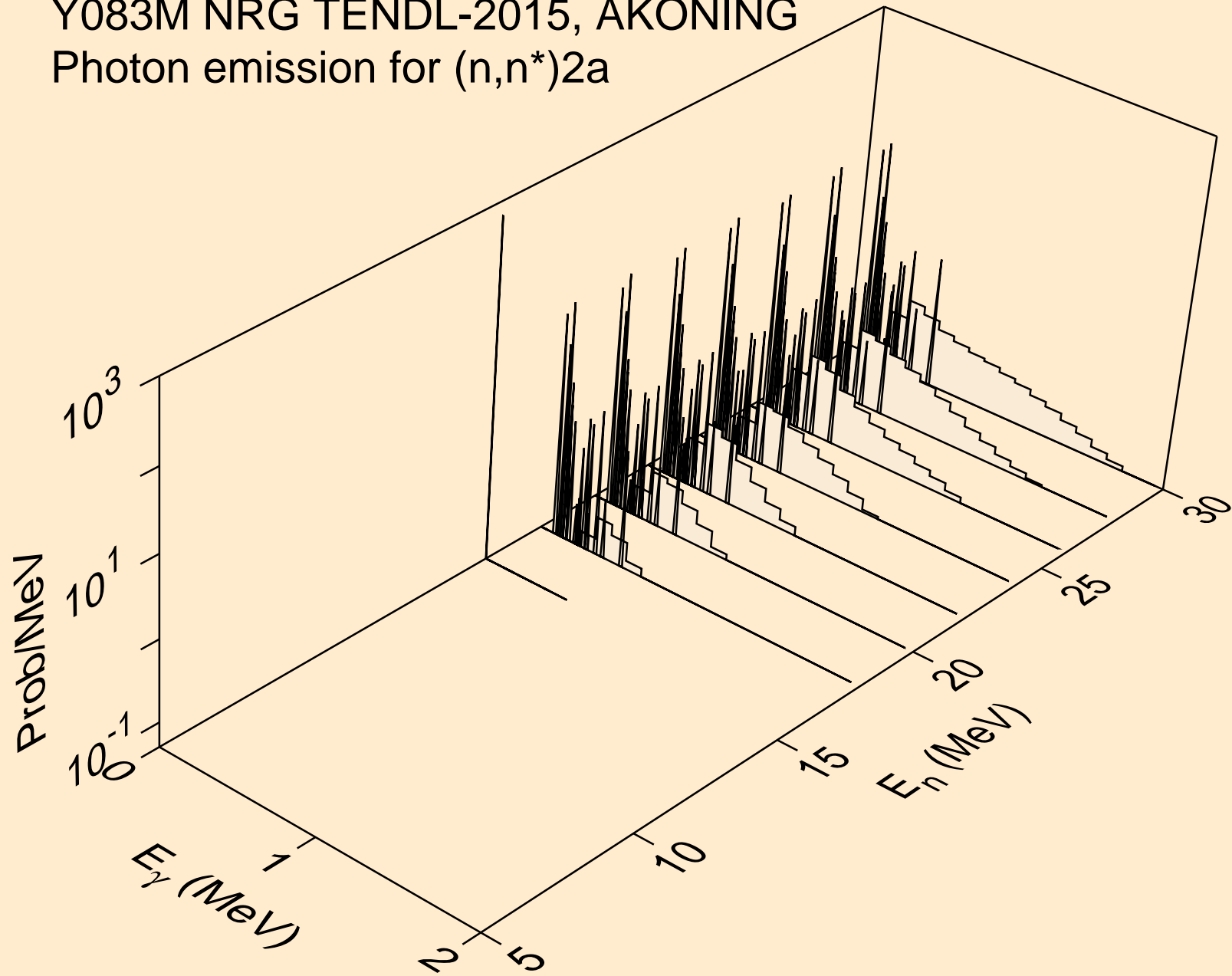
Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



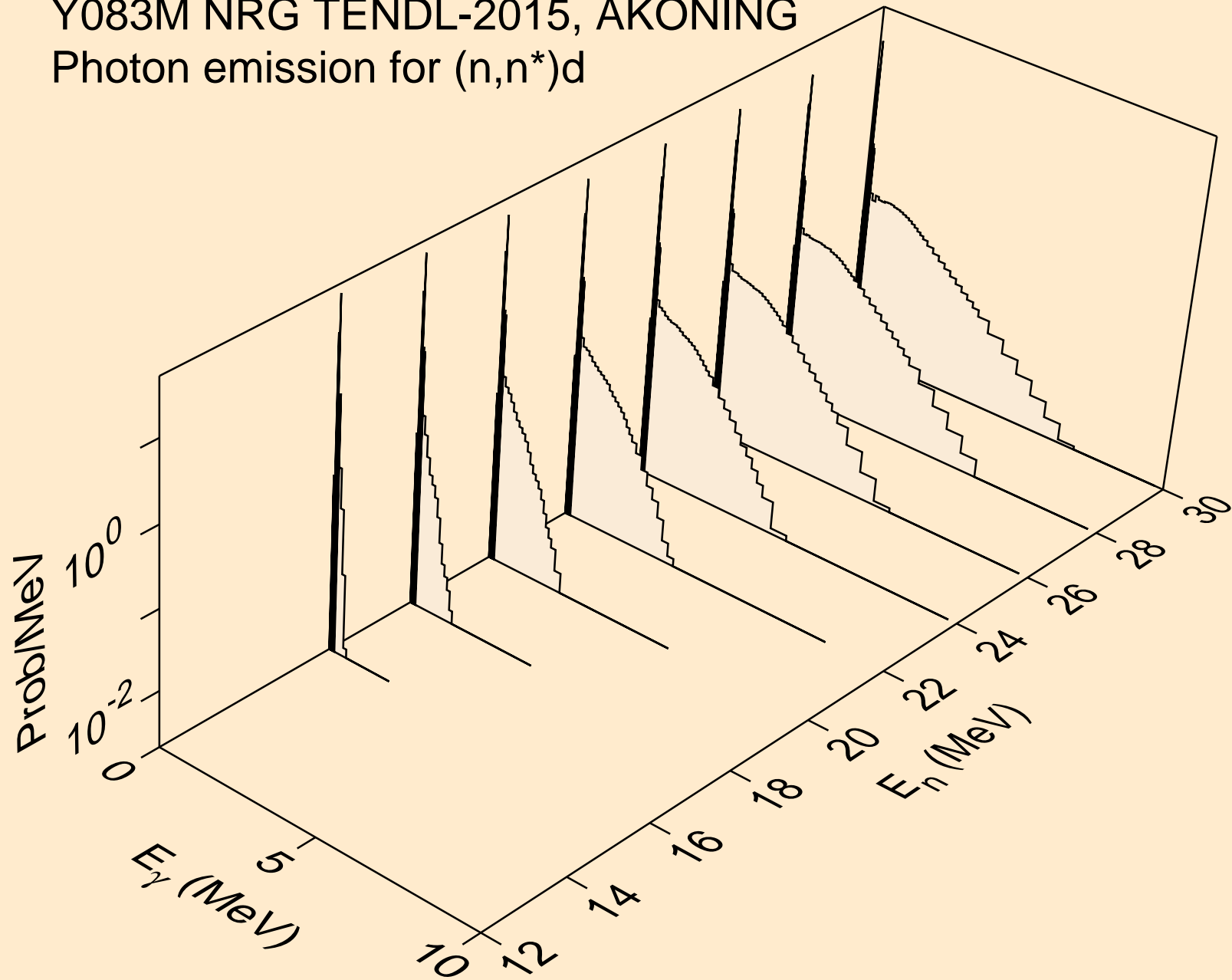
Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



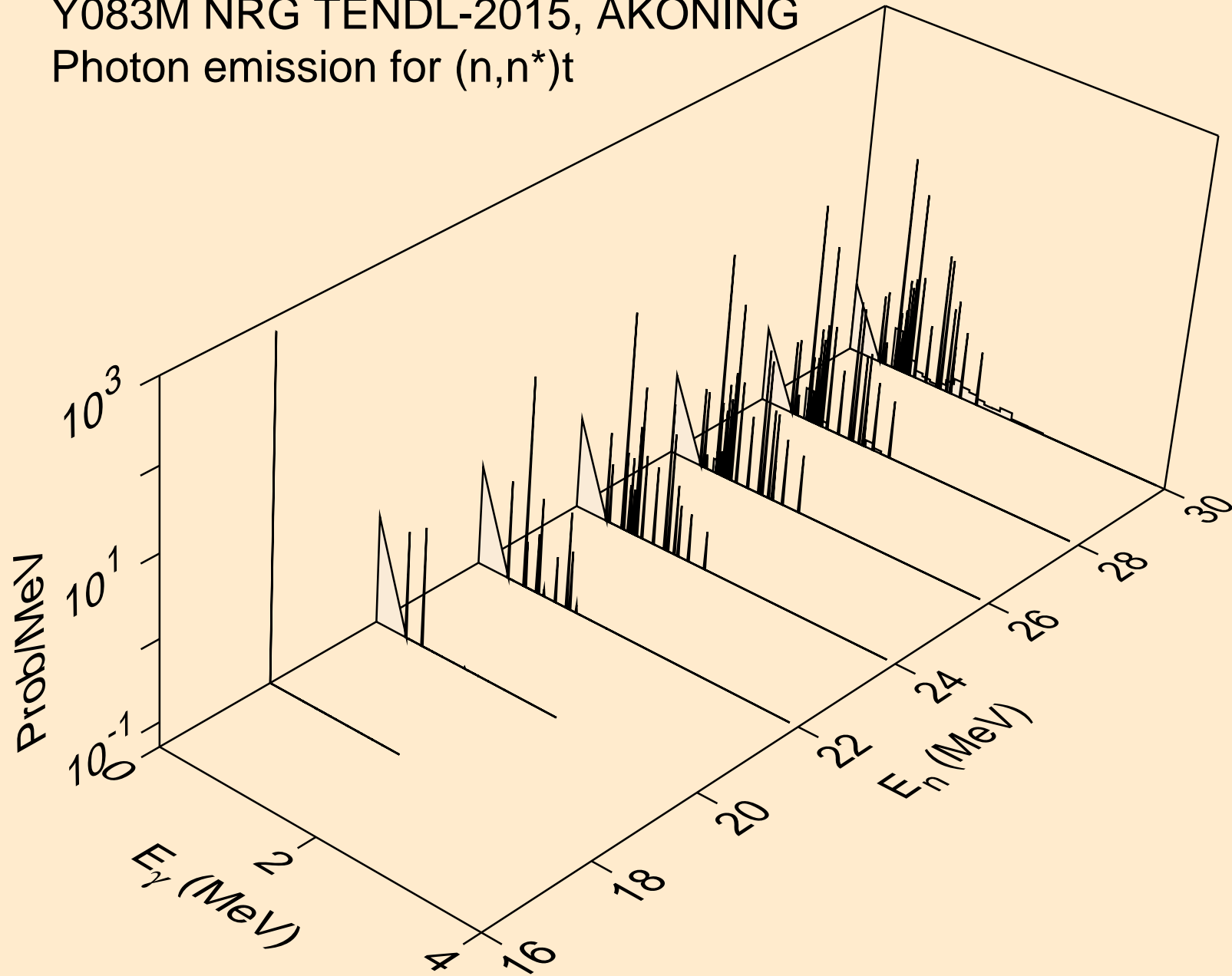
Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

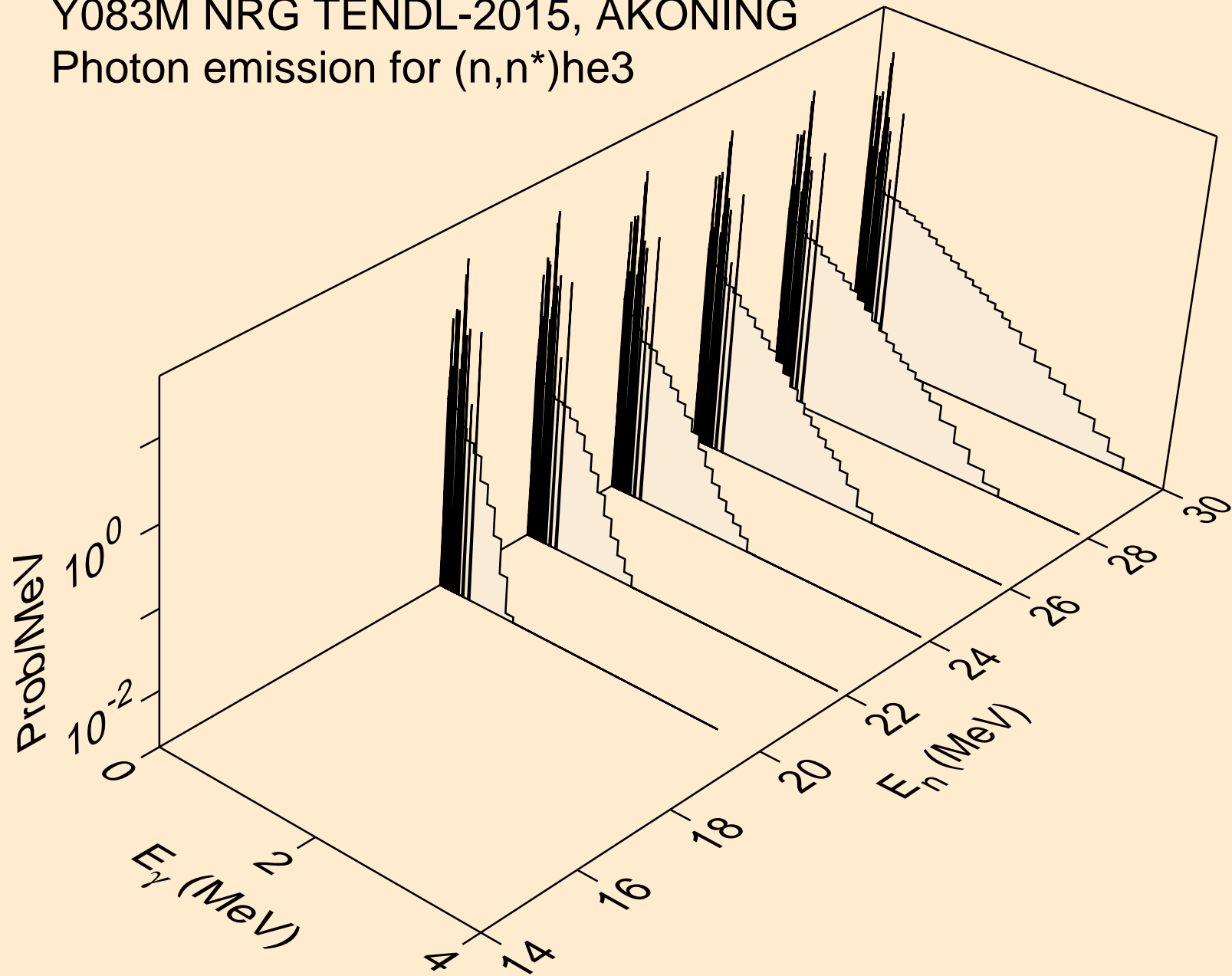


Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

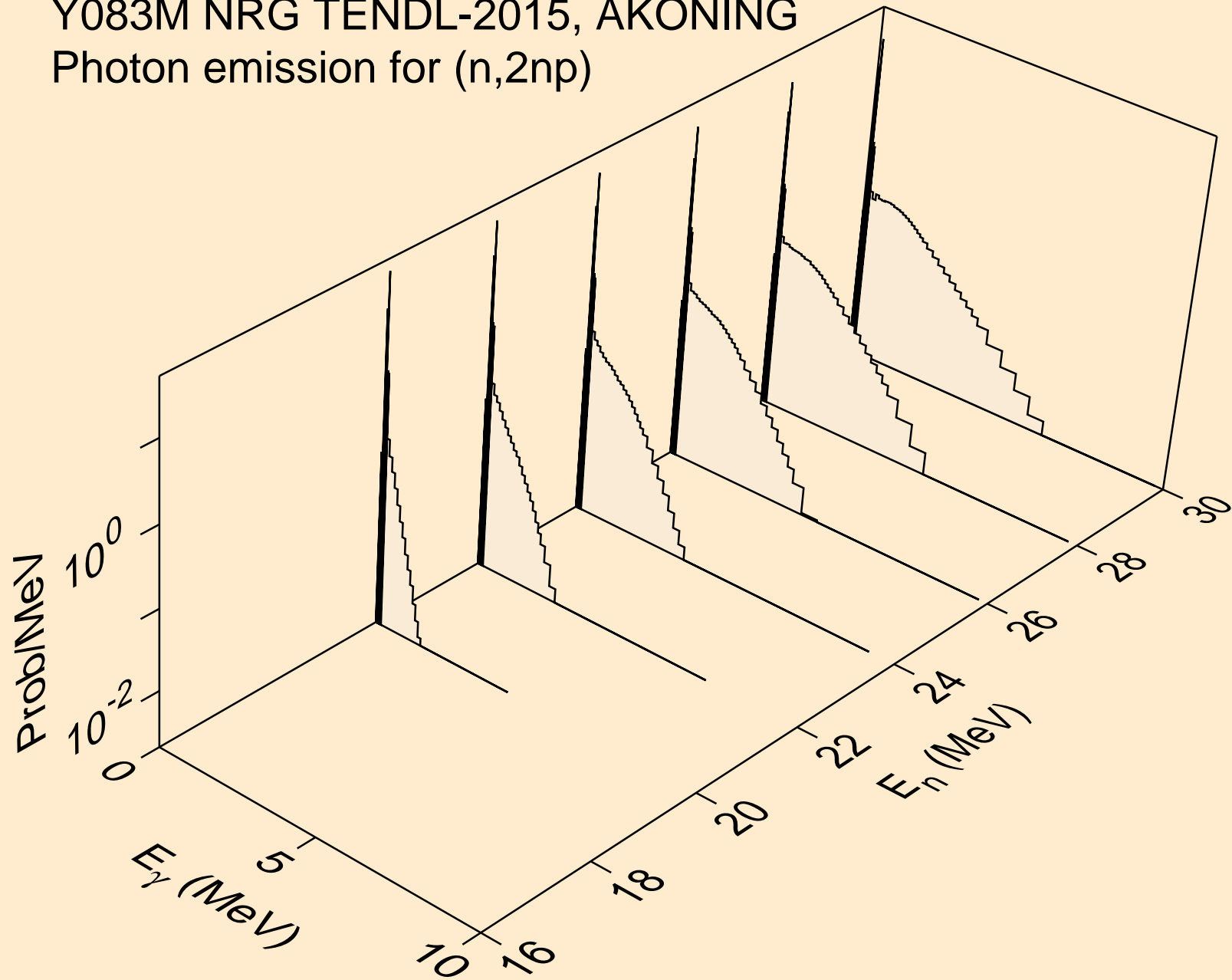




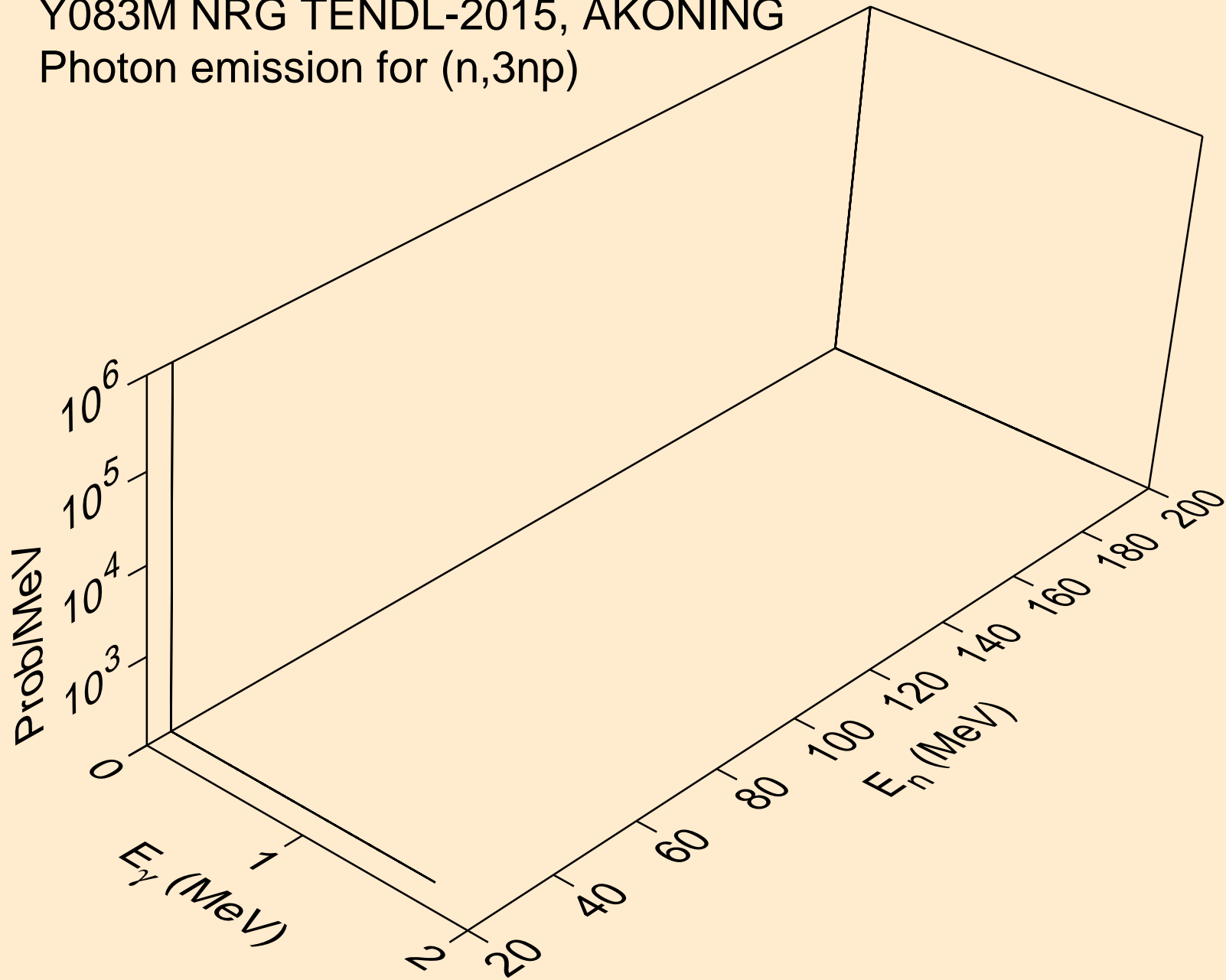
Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



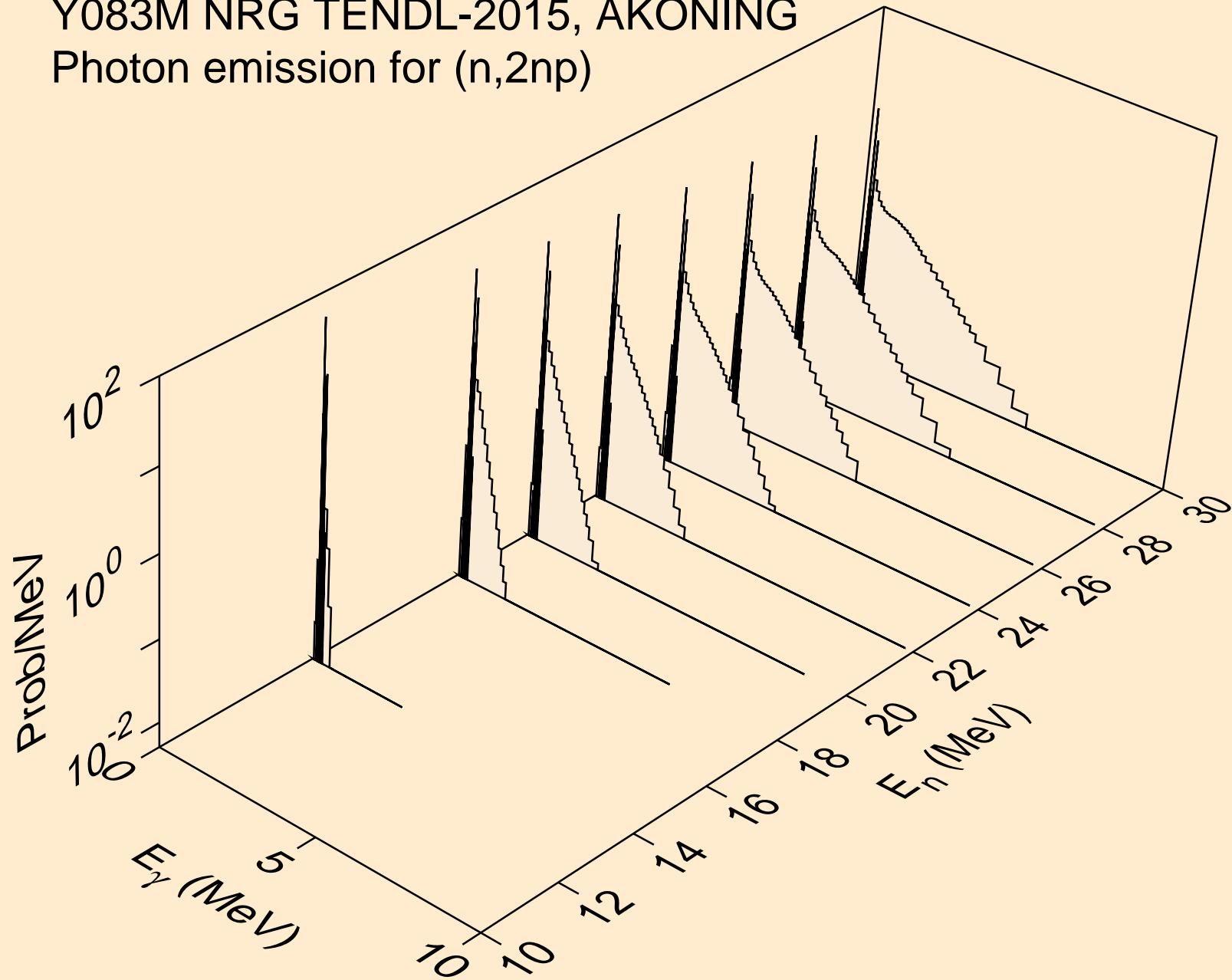
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Photon emission for (n,2np)



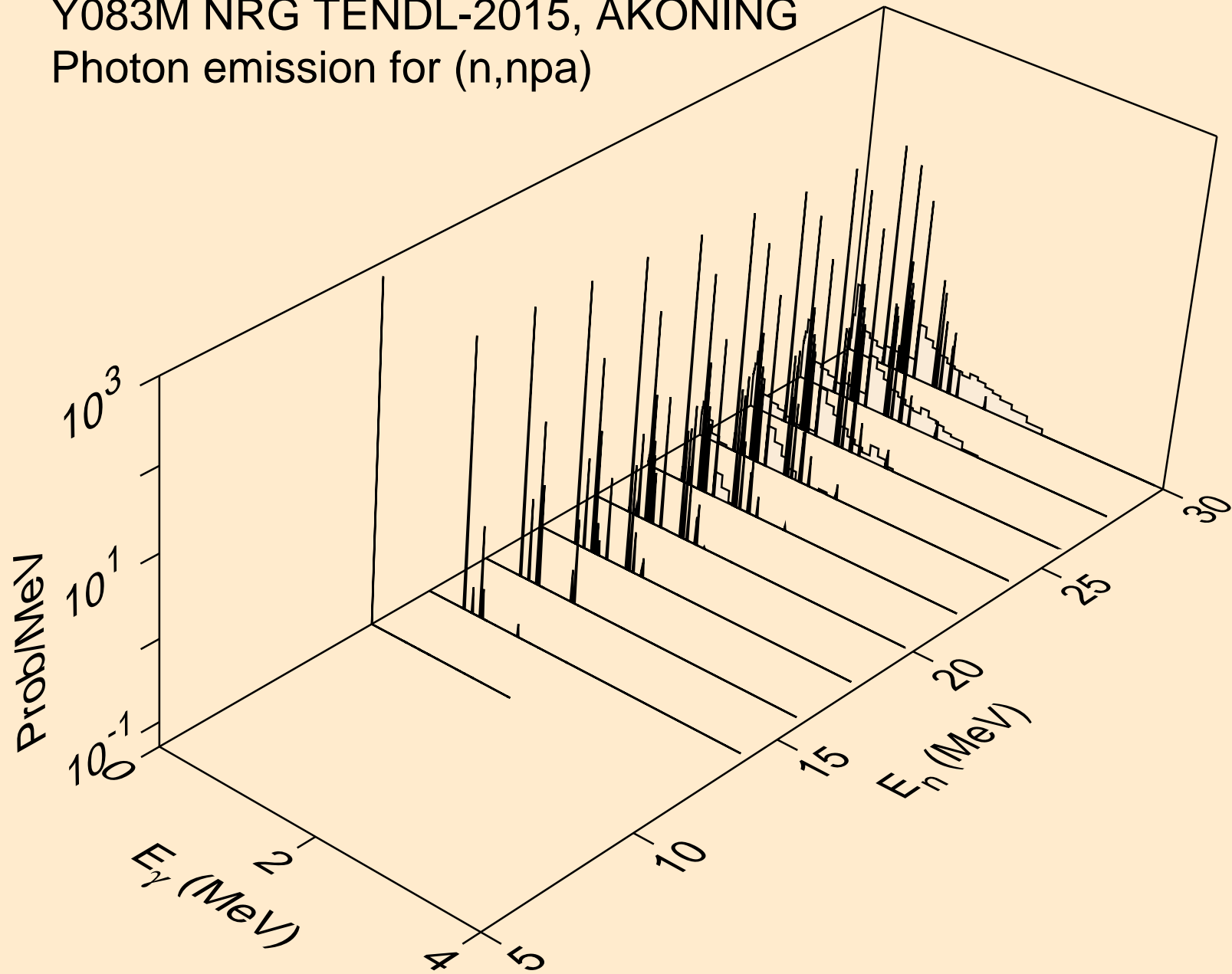
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Photon emission for (n,3np)



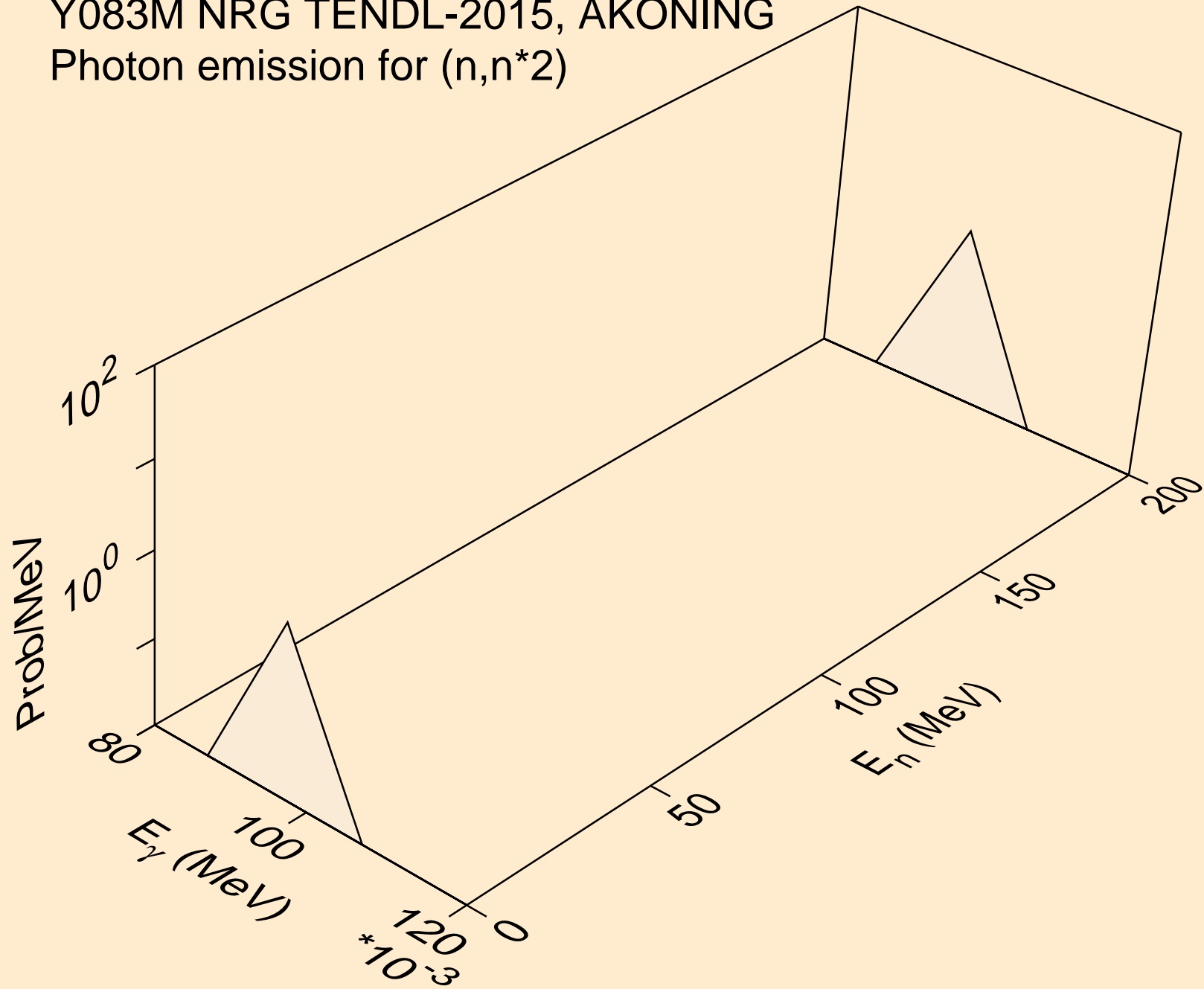
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Photon emission for (n,2np)



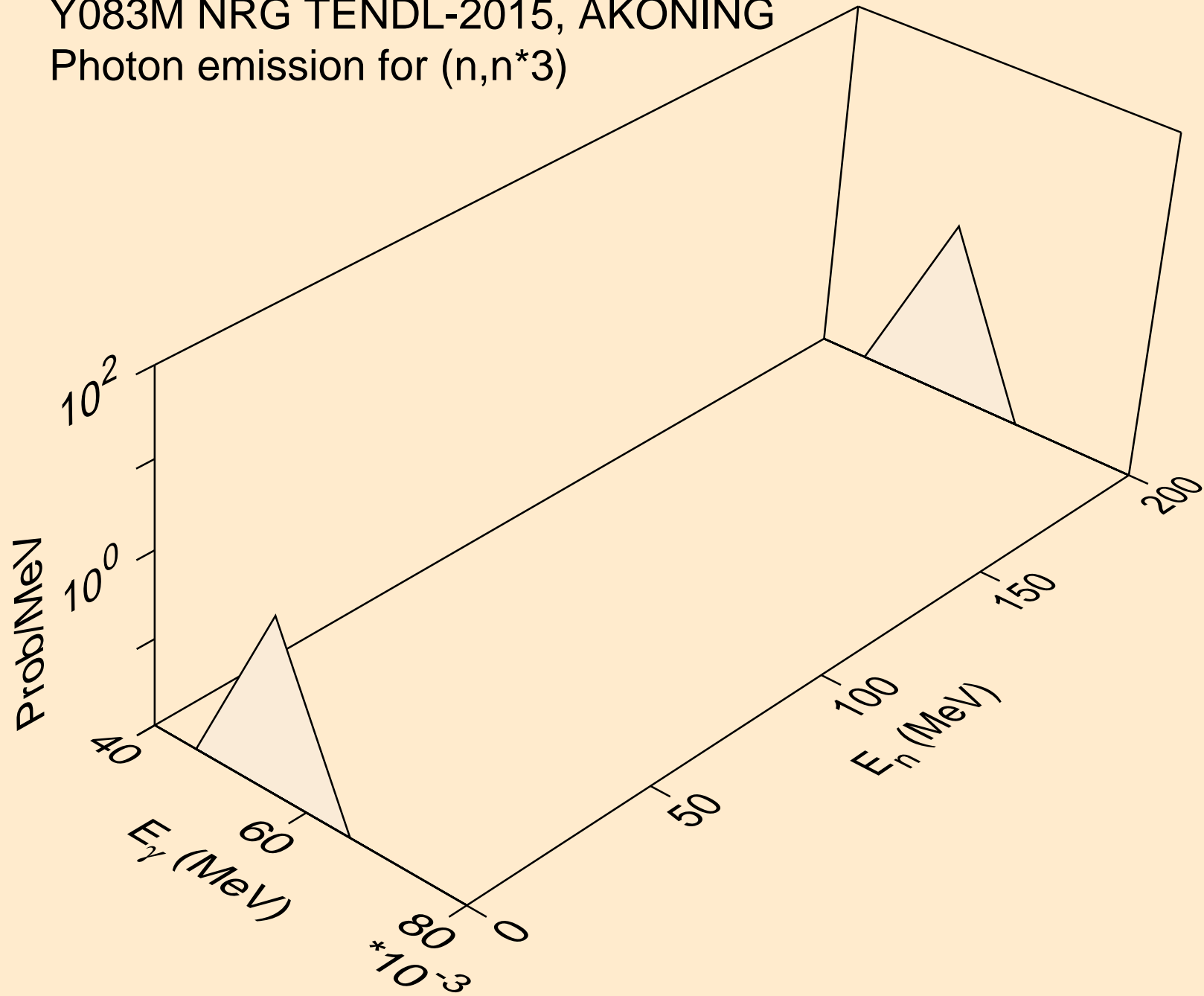
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Photon emission for (n,npa)



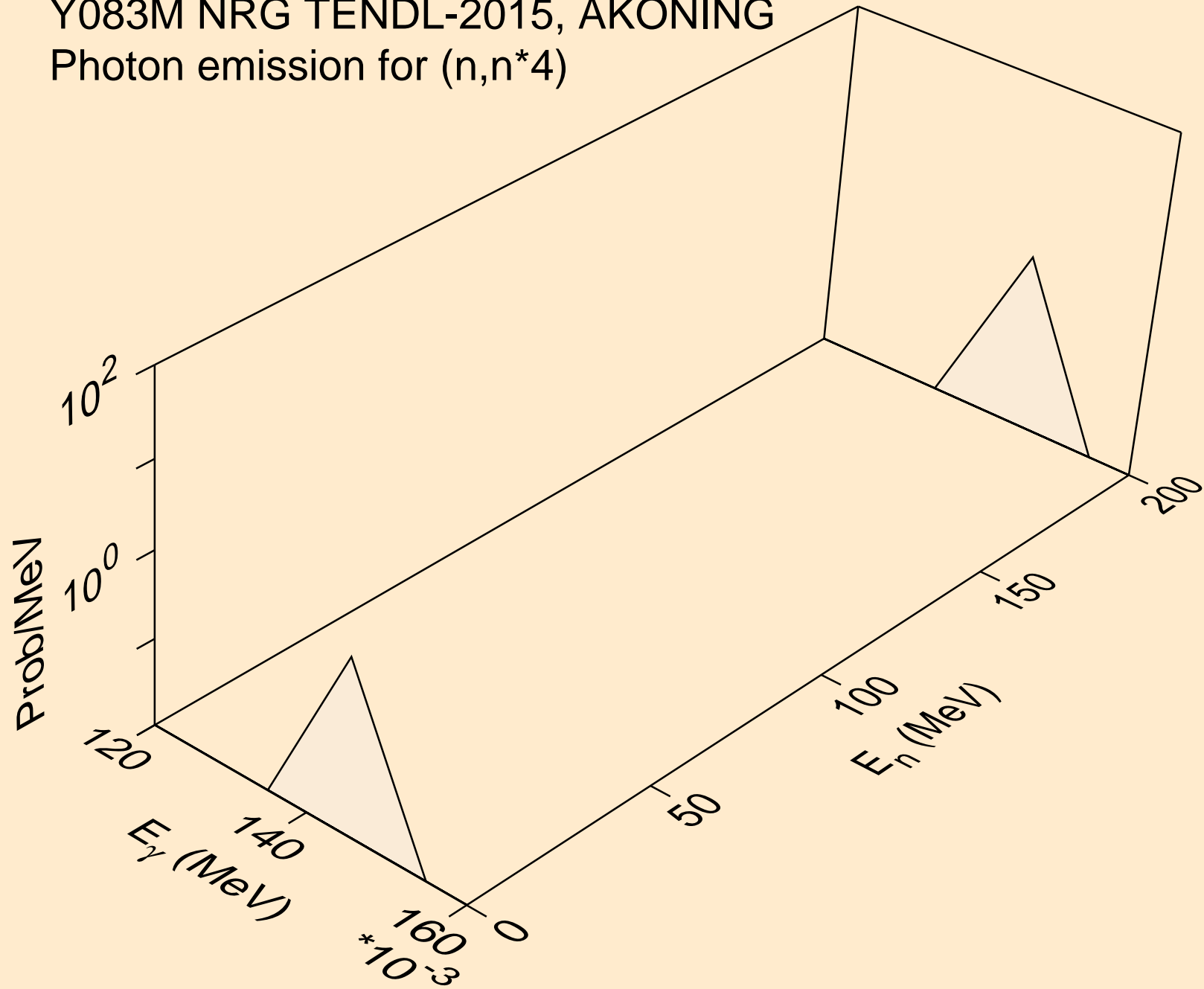
Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)

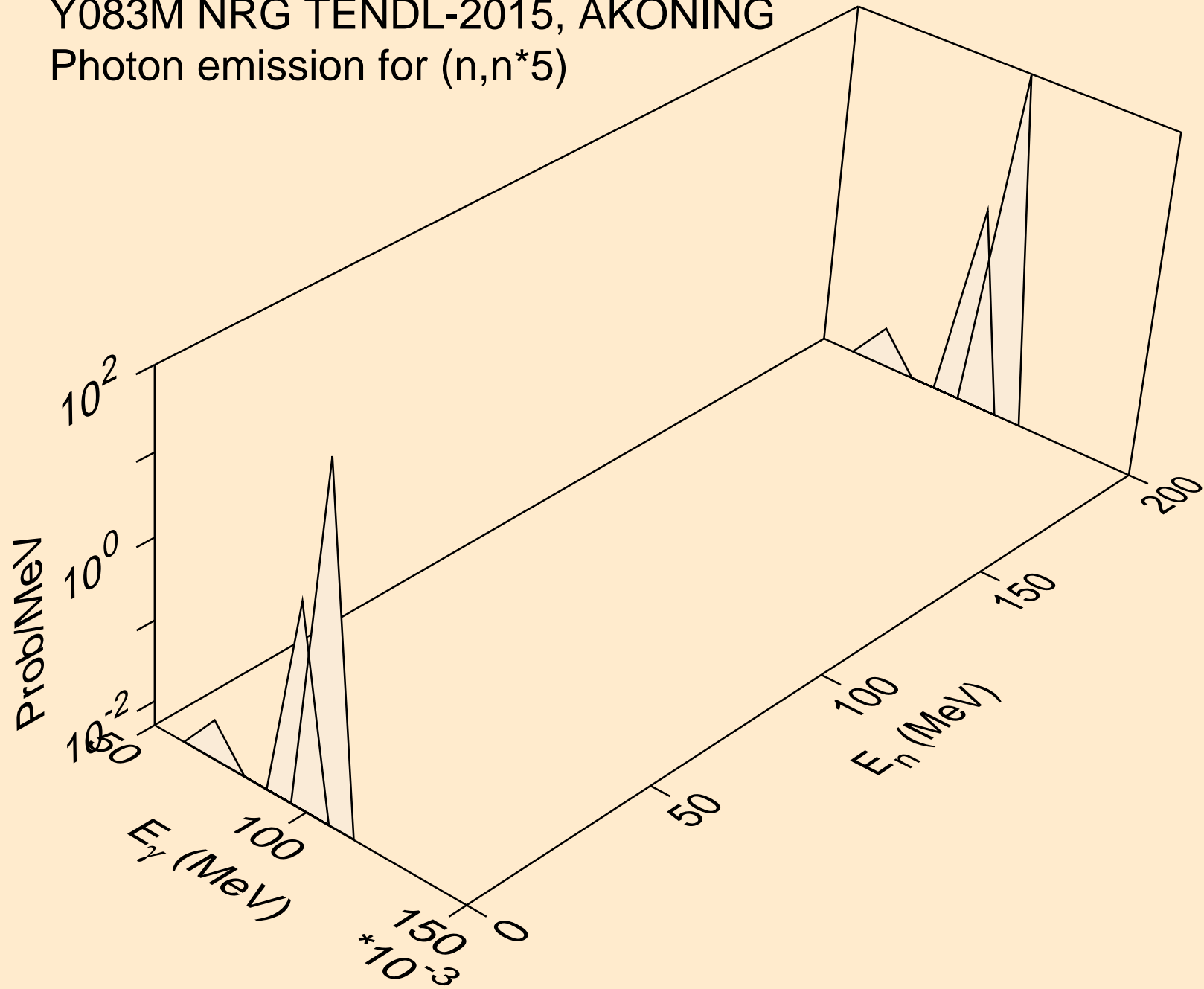


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Photon emission for (n,n\*4)

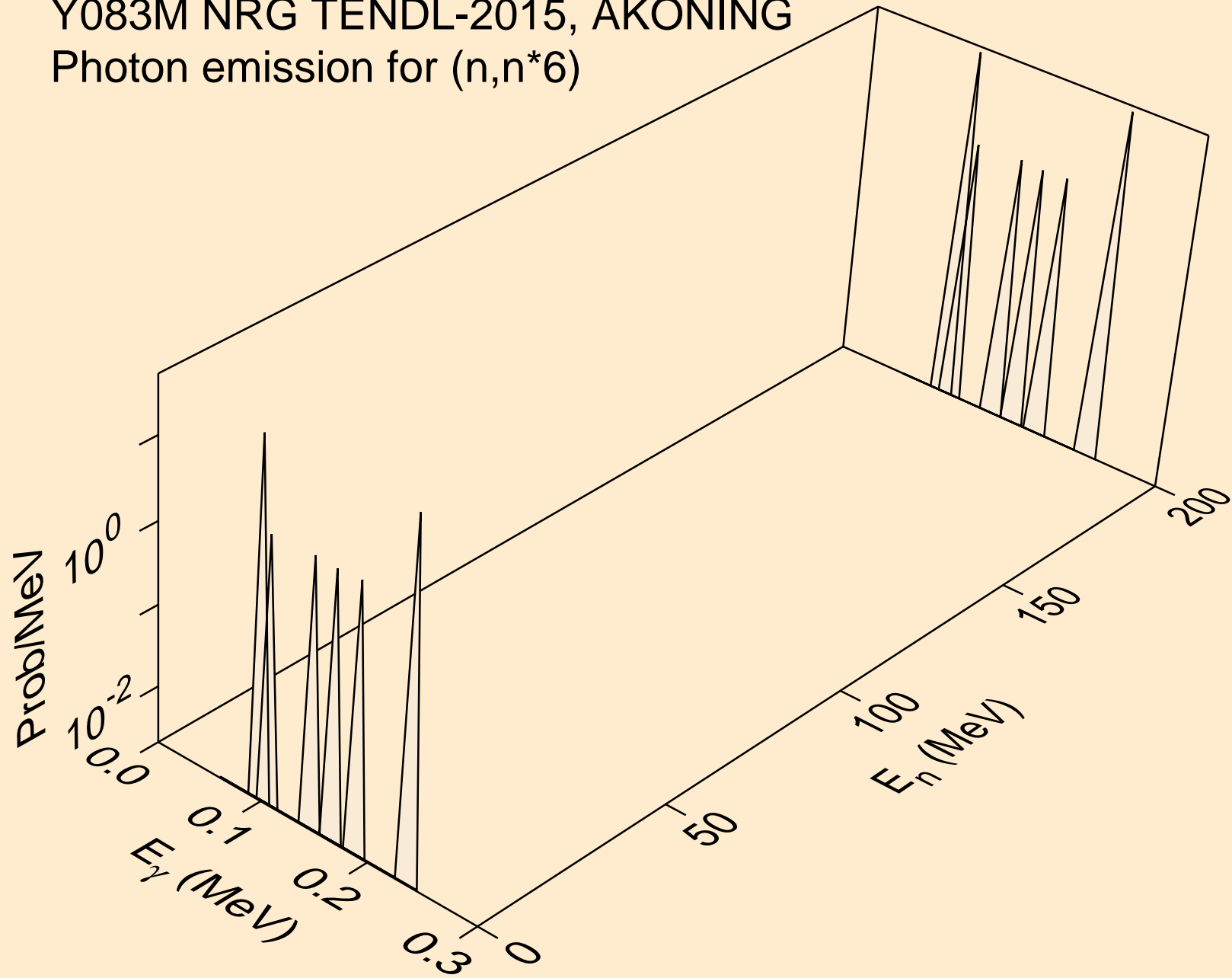




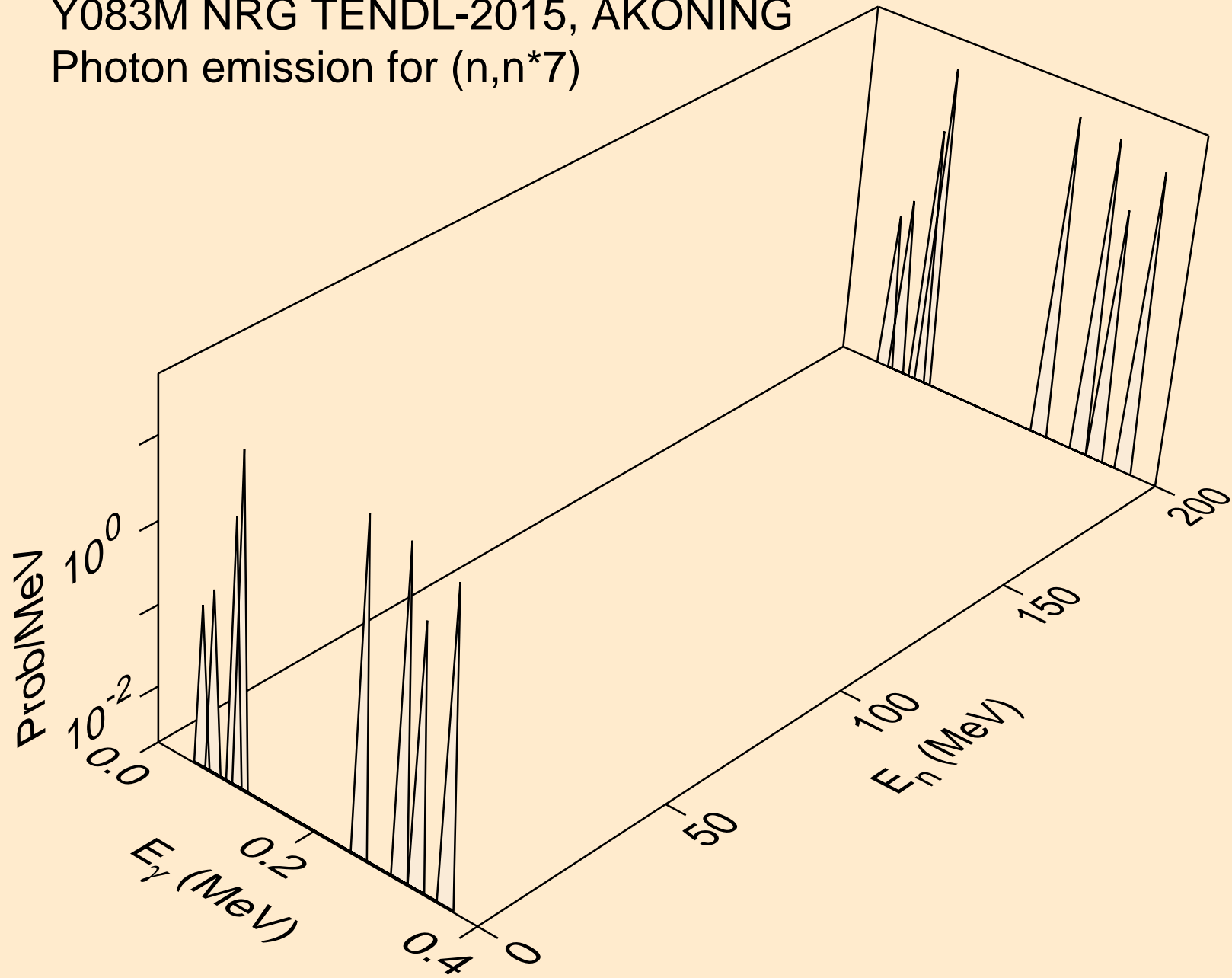
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Photon emission for (n,n\*5)



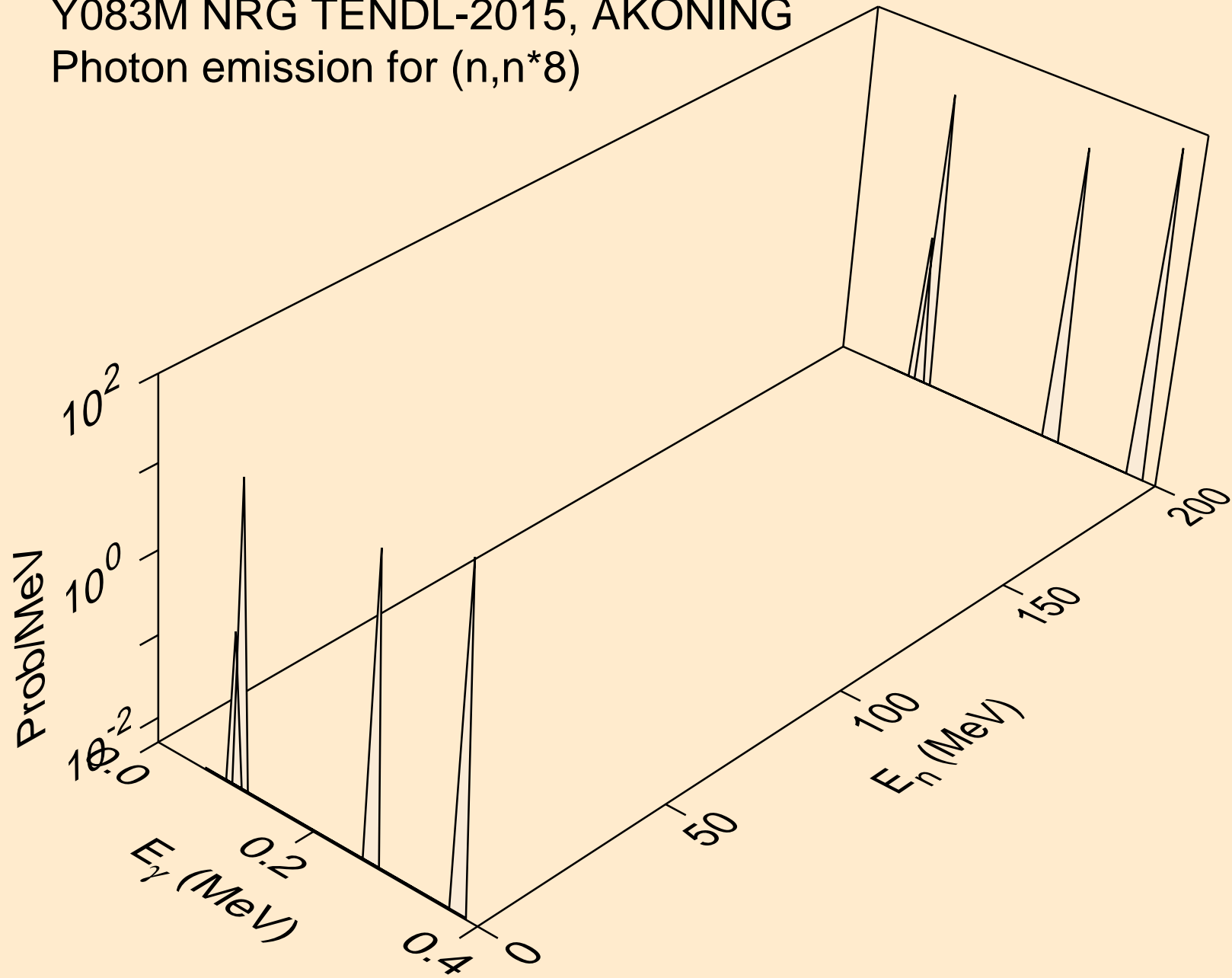
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Photon emission for (n,n\*6)



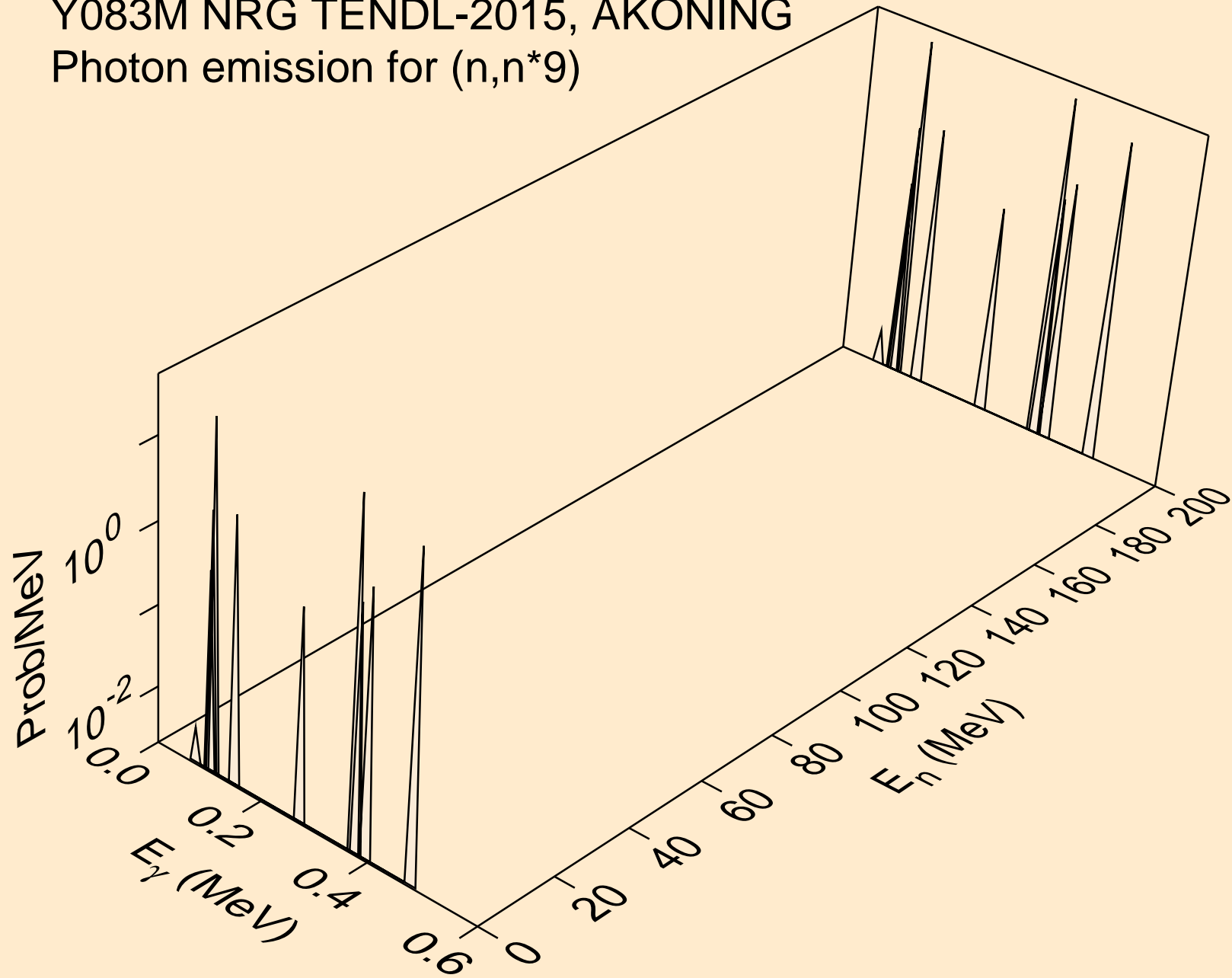
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Photon emission for (n,n\*7)



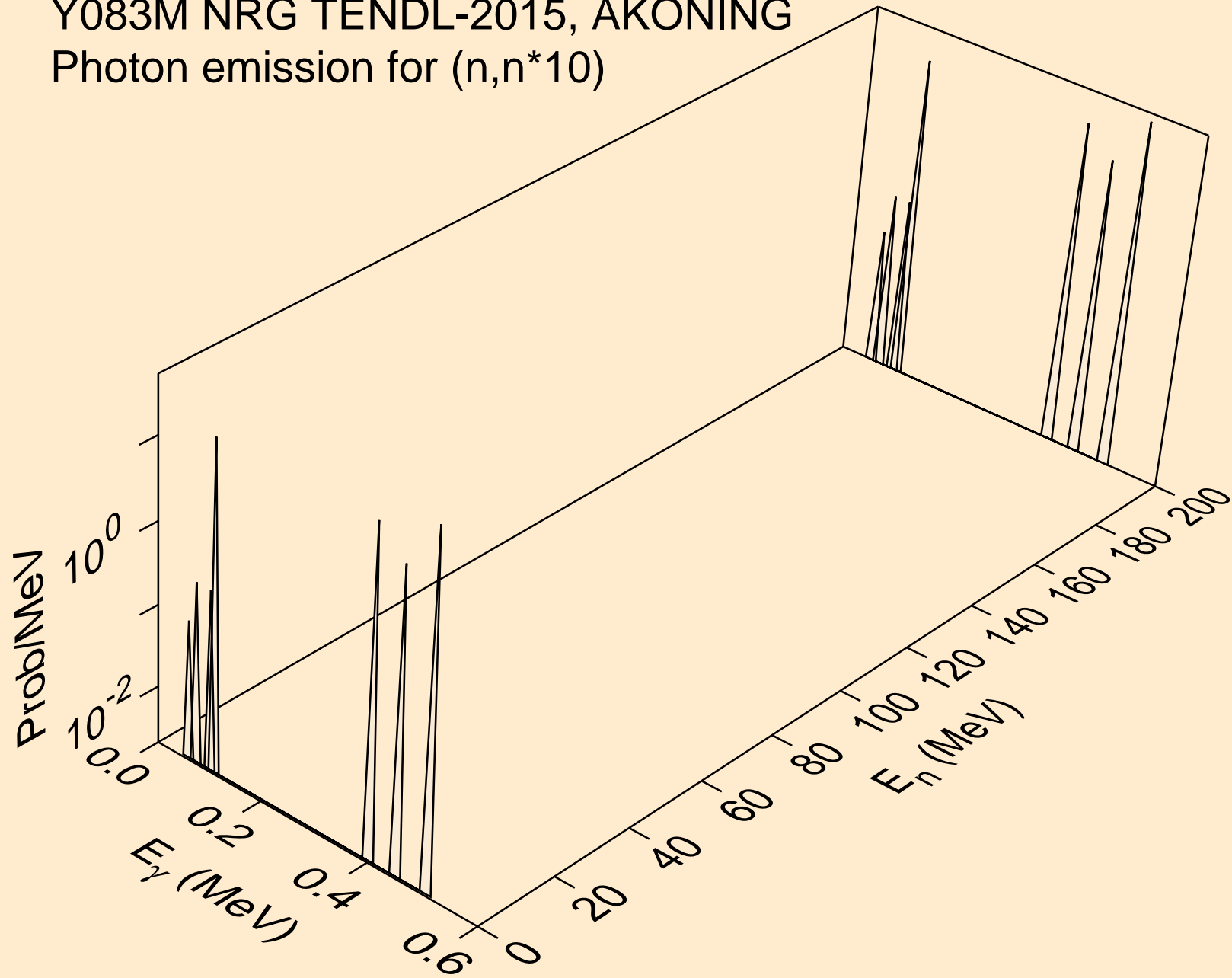
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Photon emission for (n,n\*8)



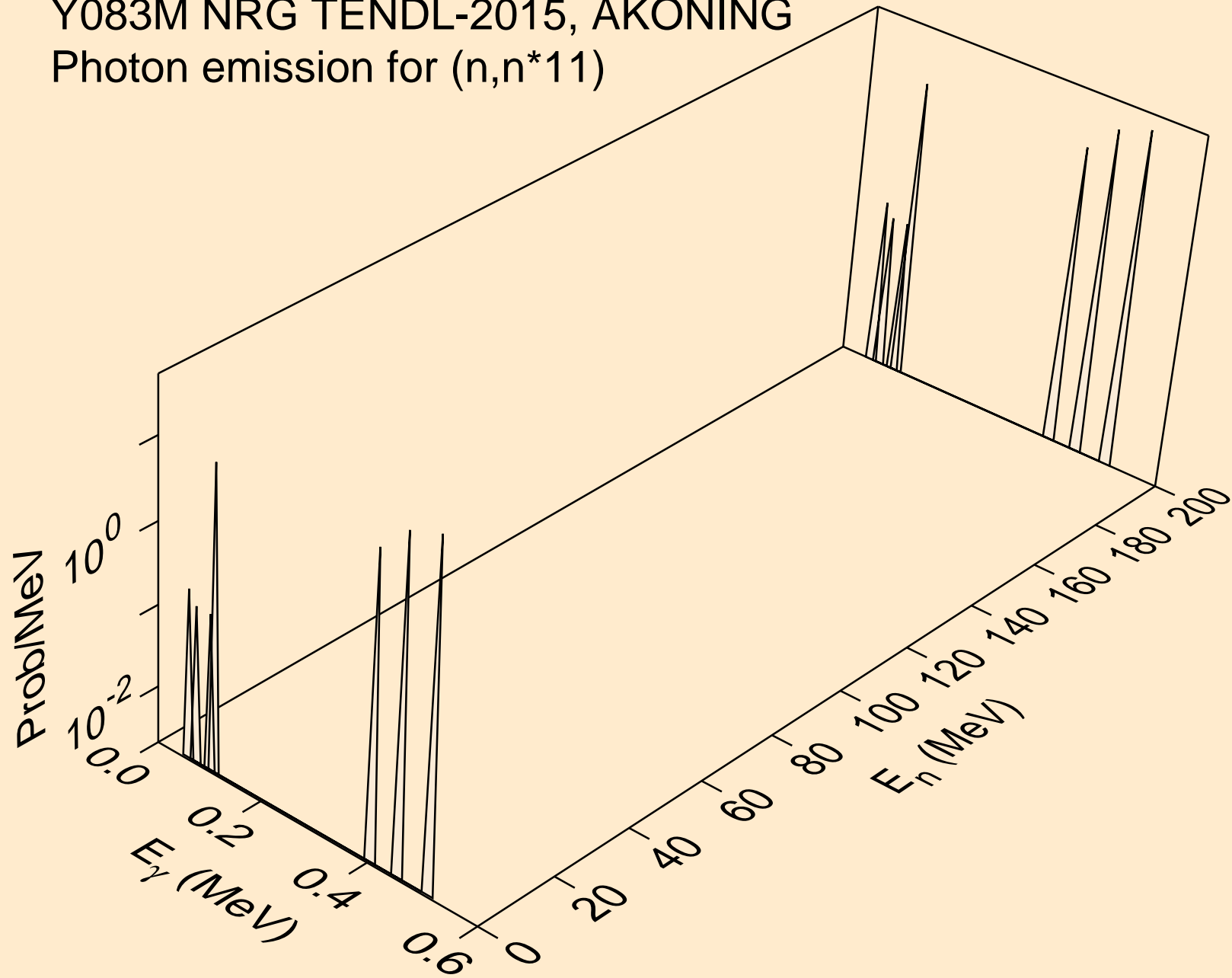
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Photon emission for (n,n\*9)



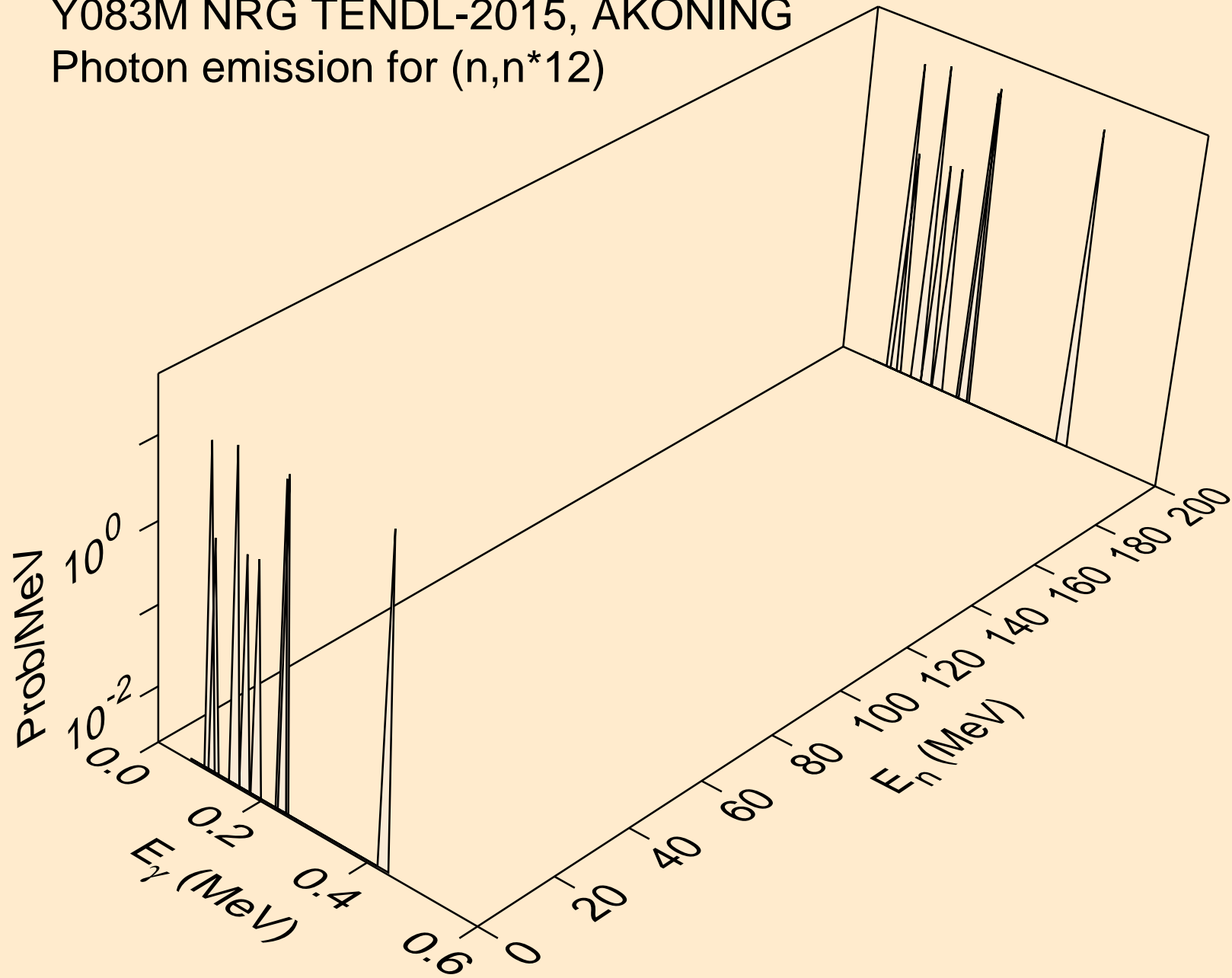
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Photon emission for (n,n\*10)



Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)

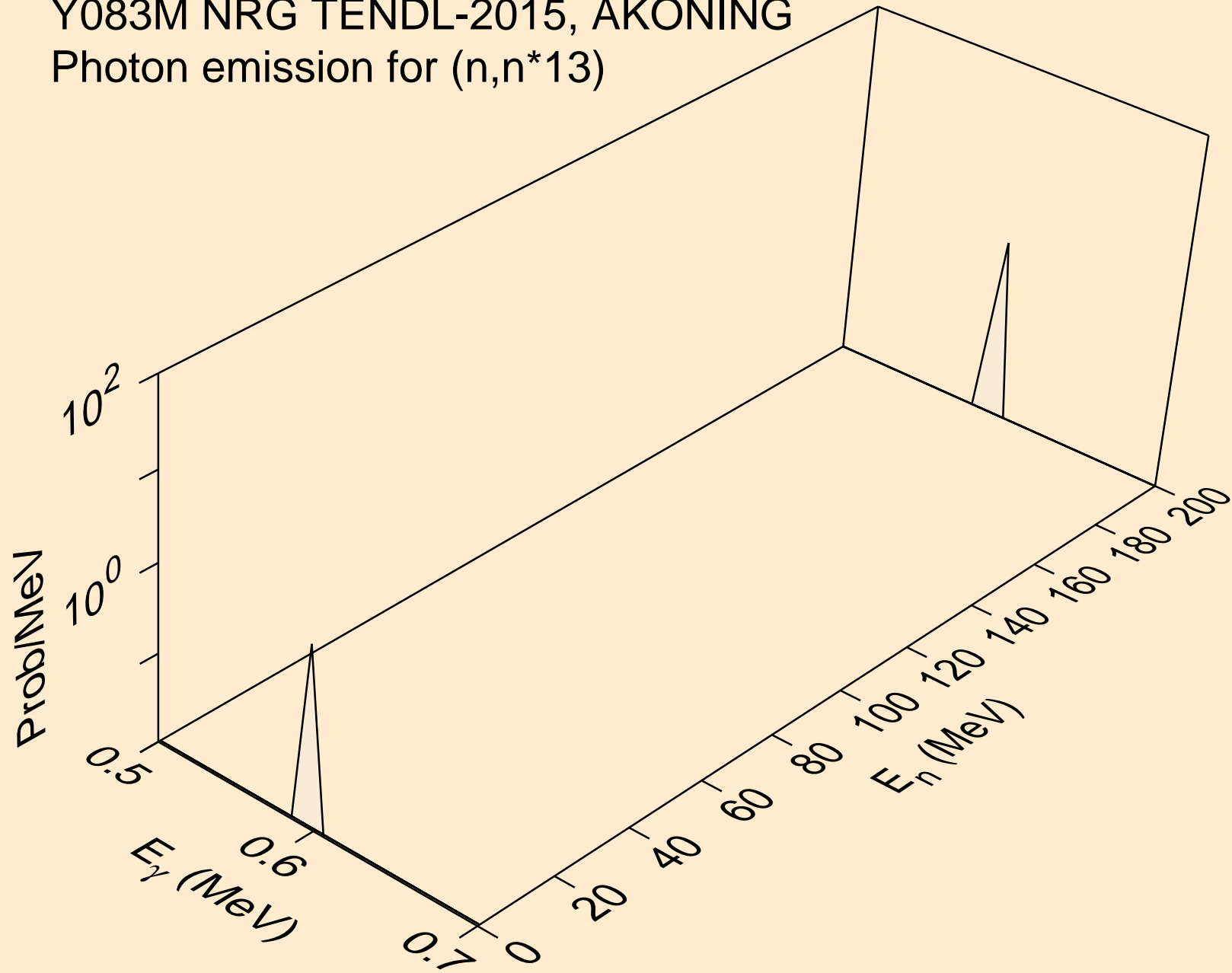


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Photon emission for (n,n\*12)

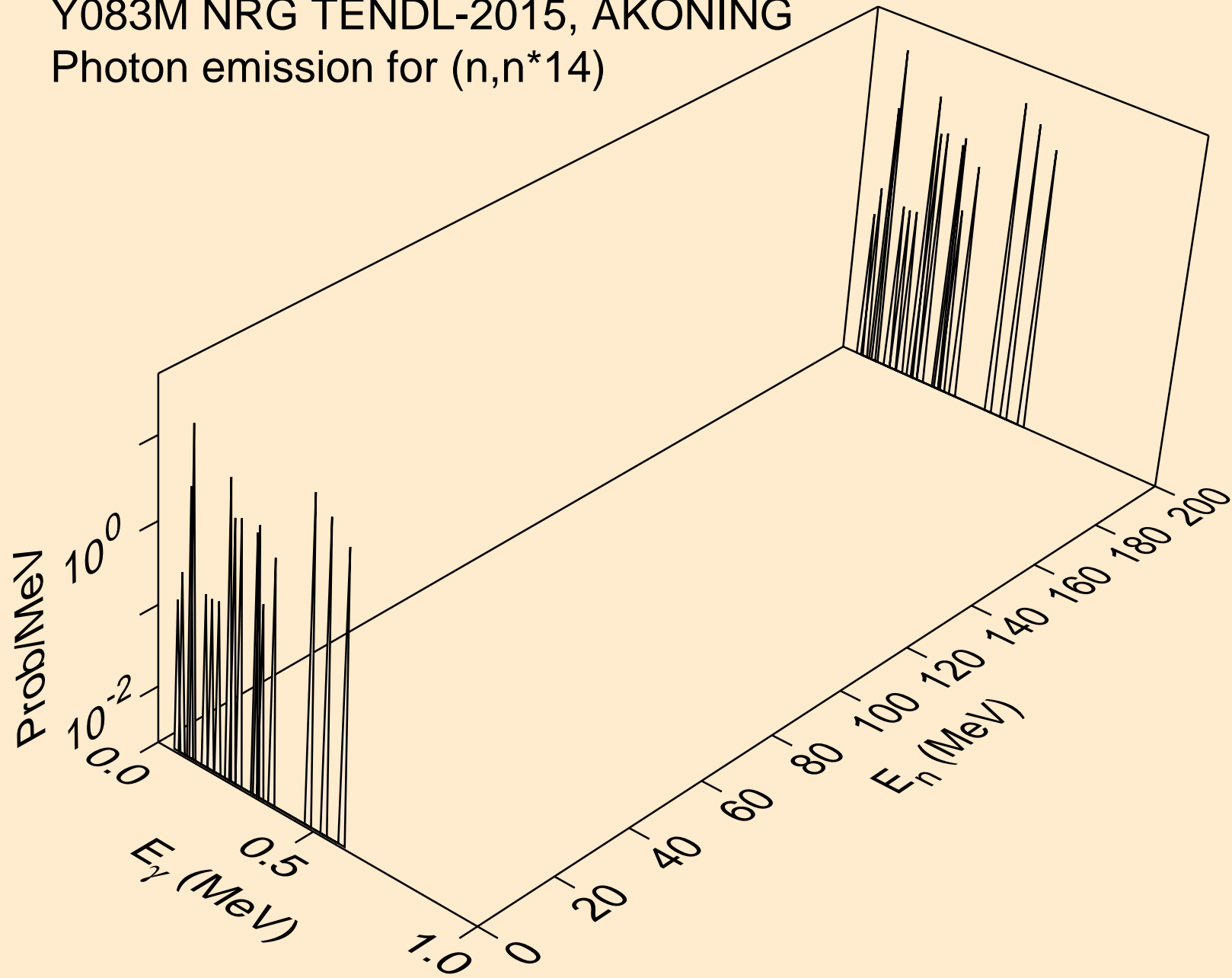




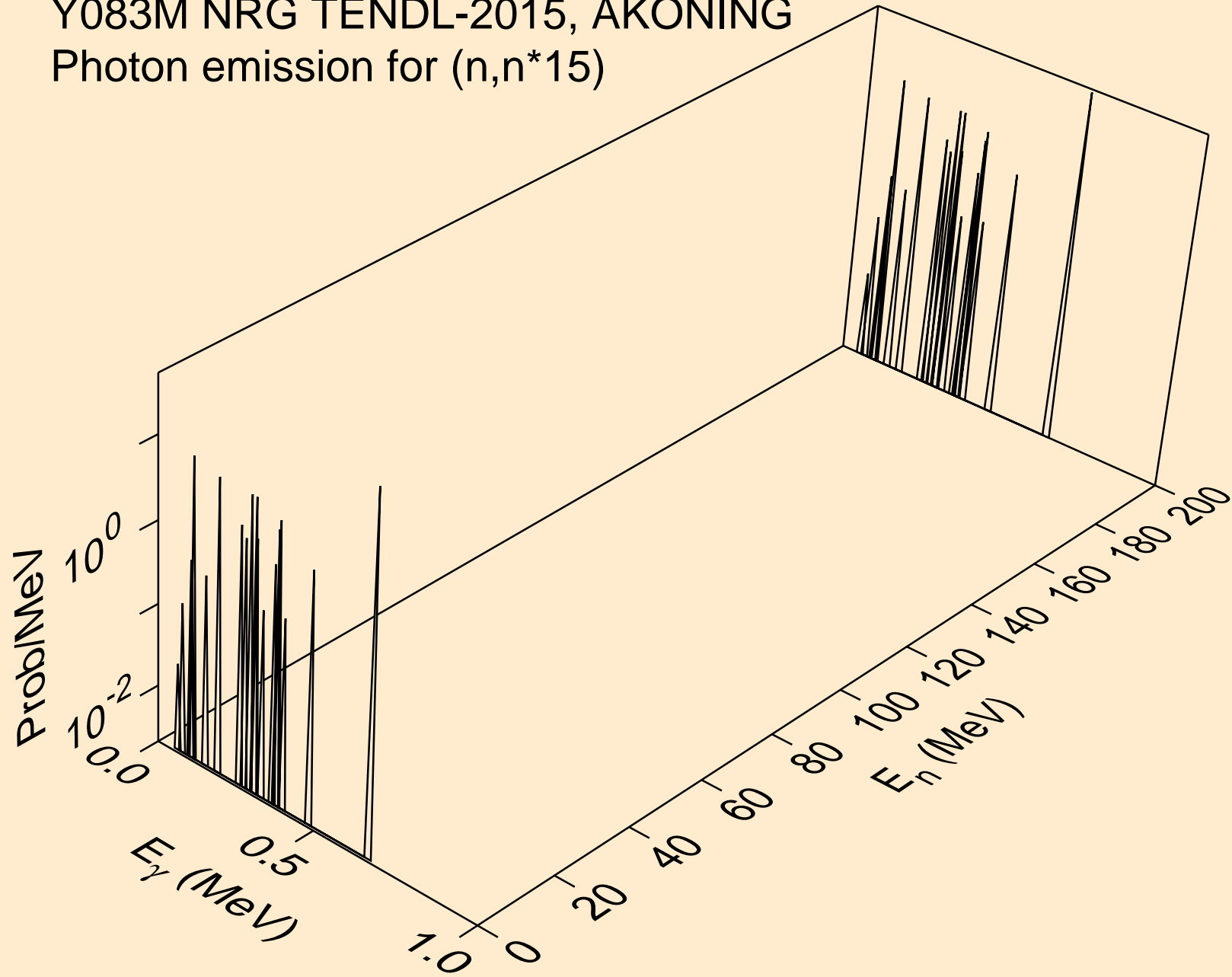
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Photon emission for (n,n\*13)



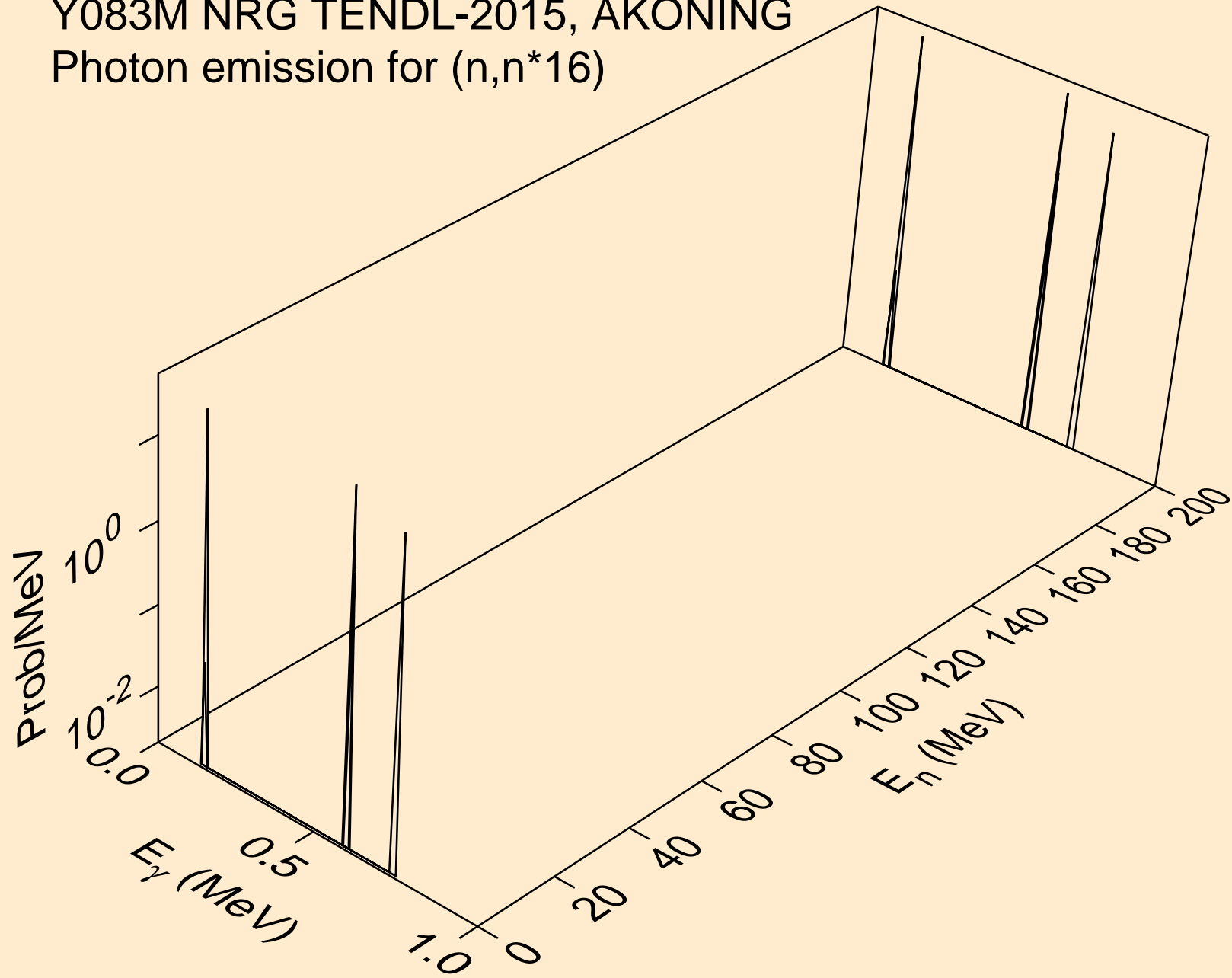
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Photon emission for (n,n\*14)



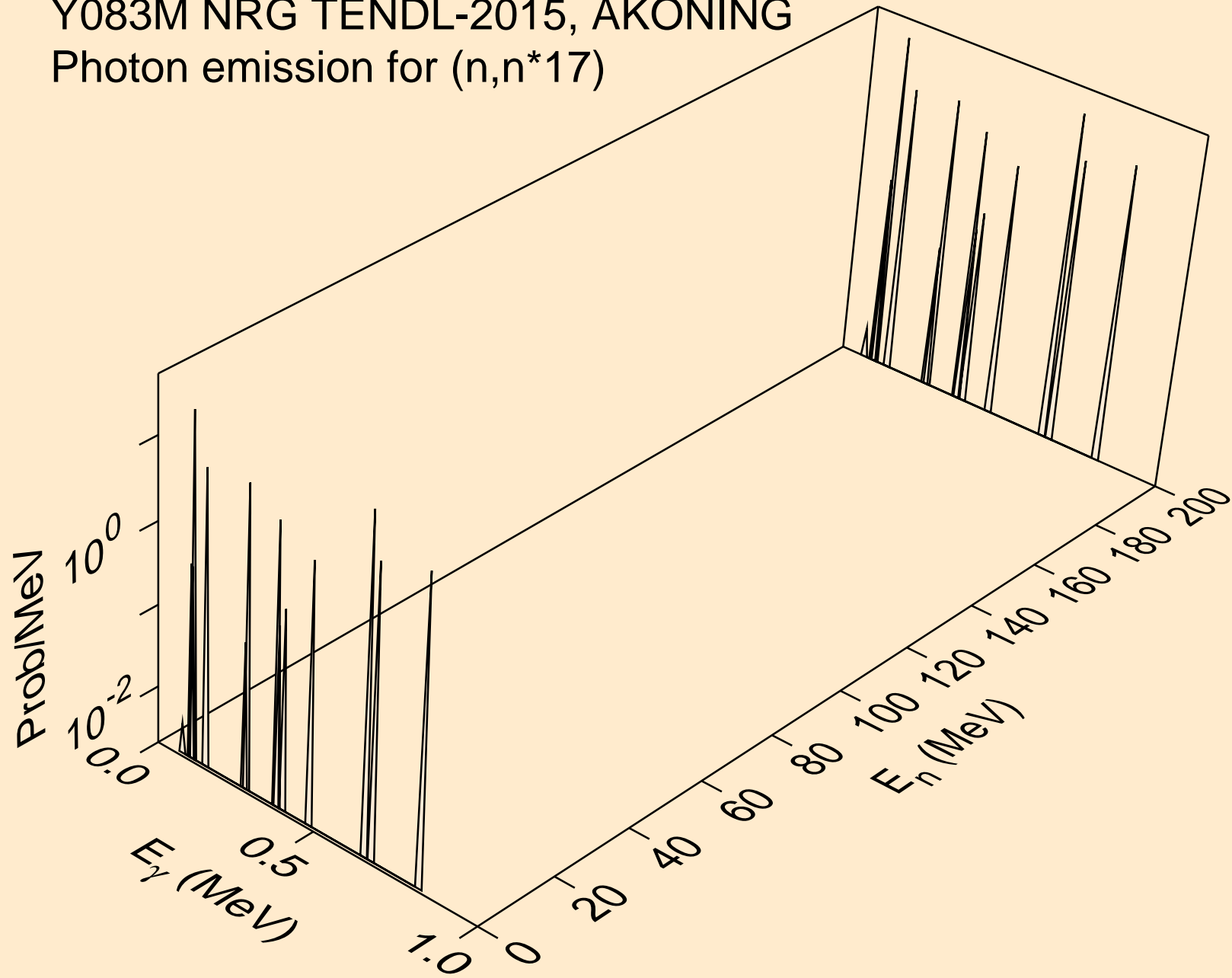
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Photon emission for (n,n\*15)



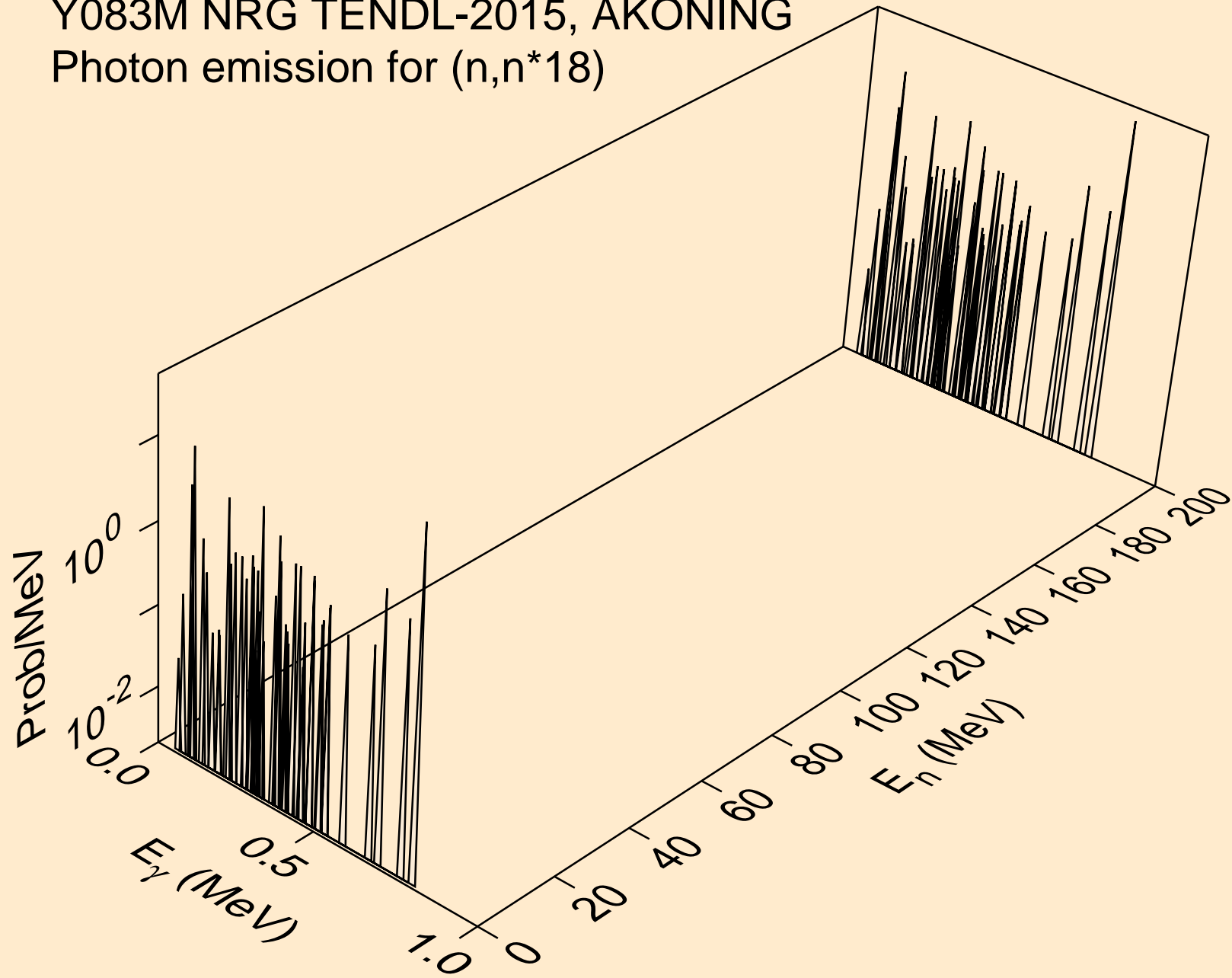
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Photon emission for (n,n\*16)



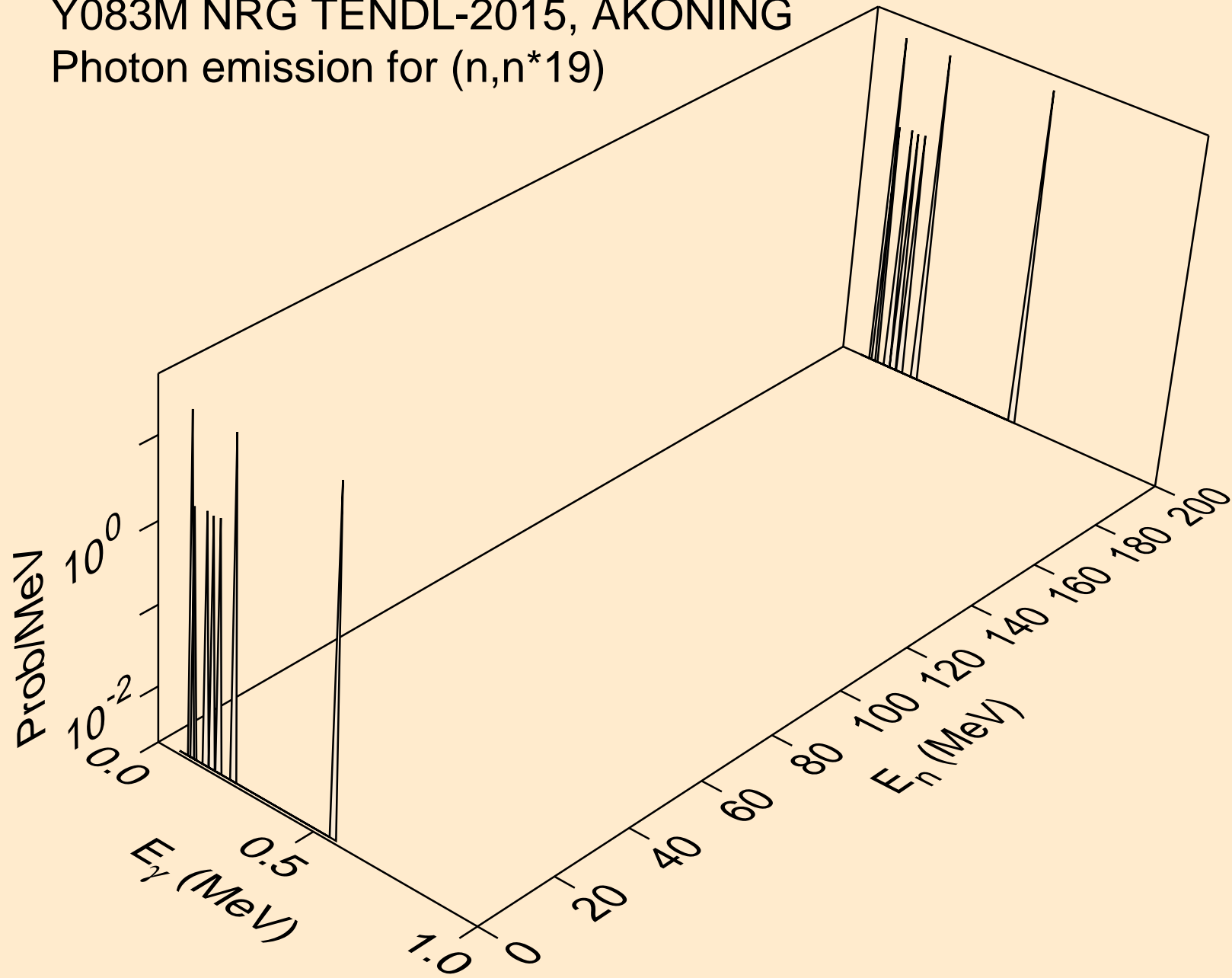
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Photon emission for (n,n\*17)



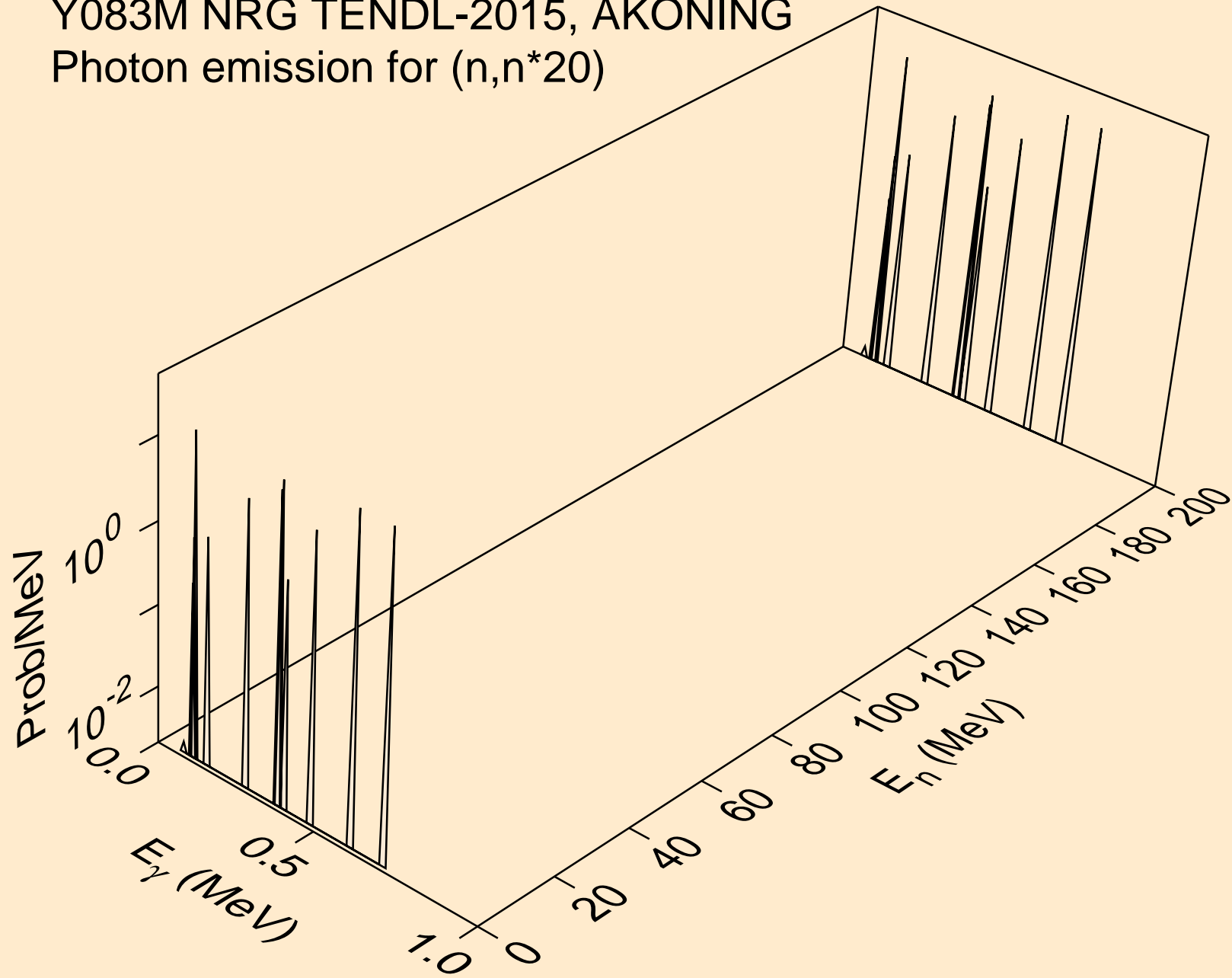
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Photon emission for (n,n\*18)



Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)

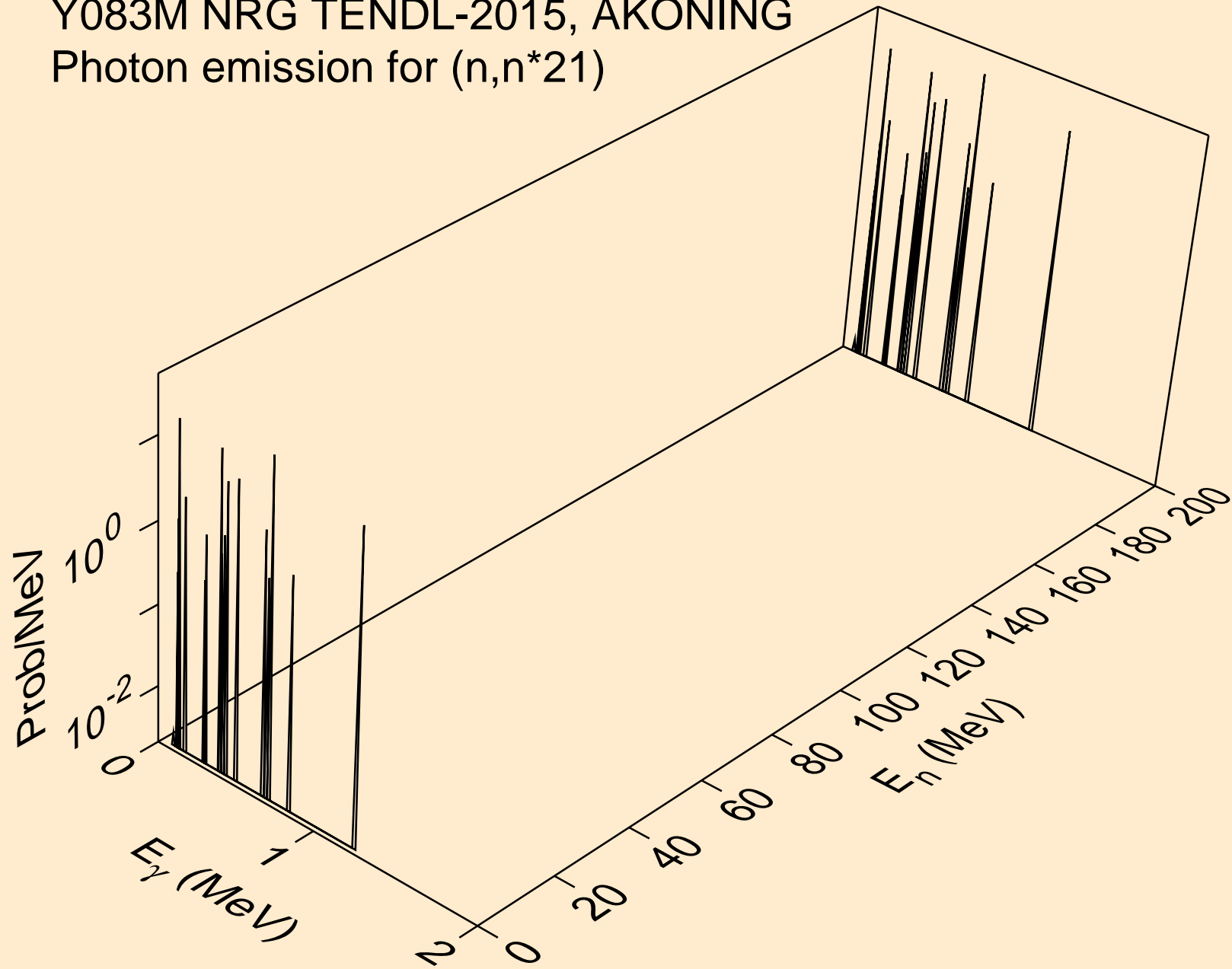


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Photon emission for (n,n\*20)

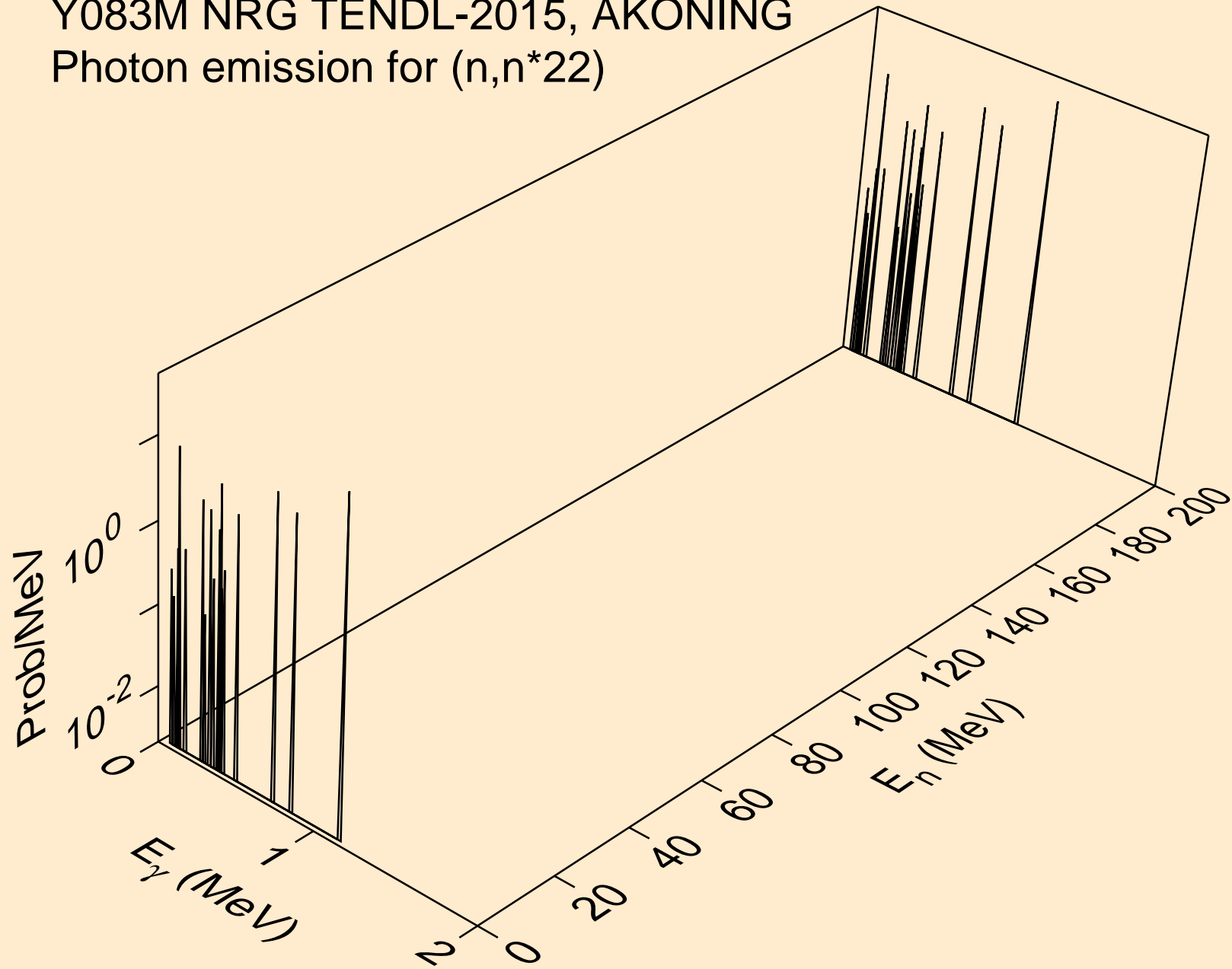




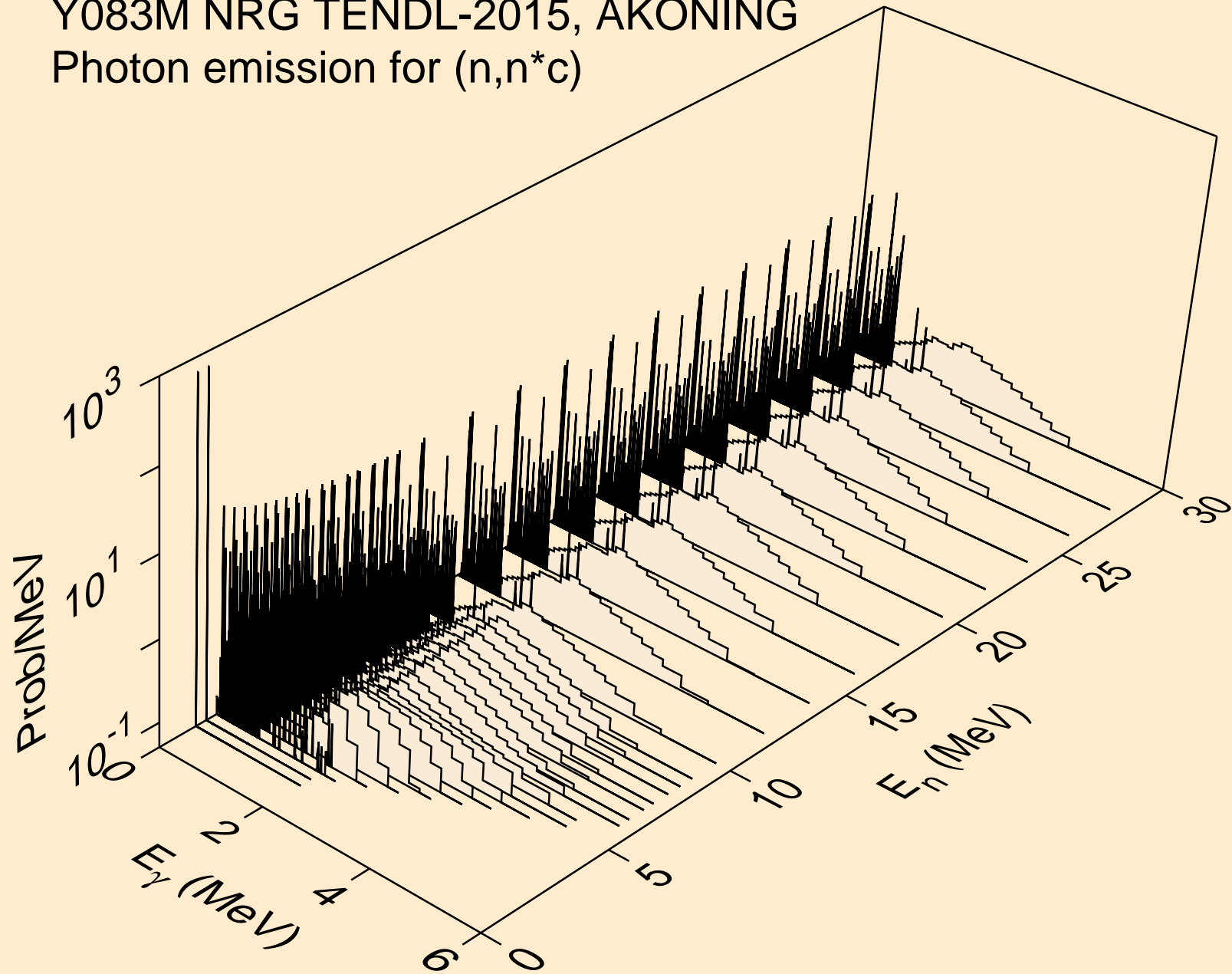
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Photon emission for (n,n\*21)



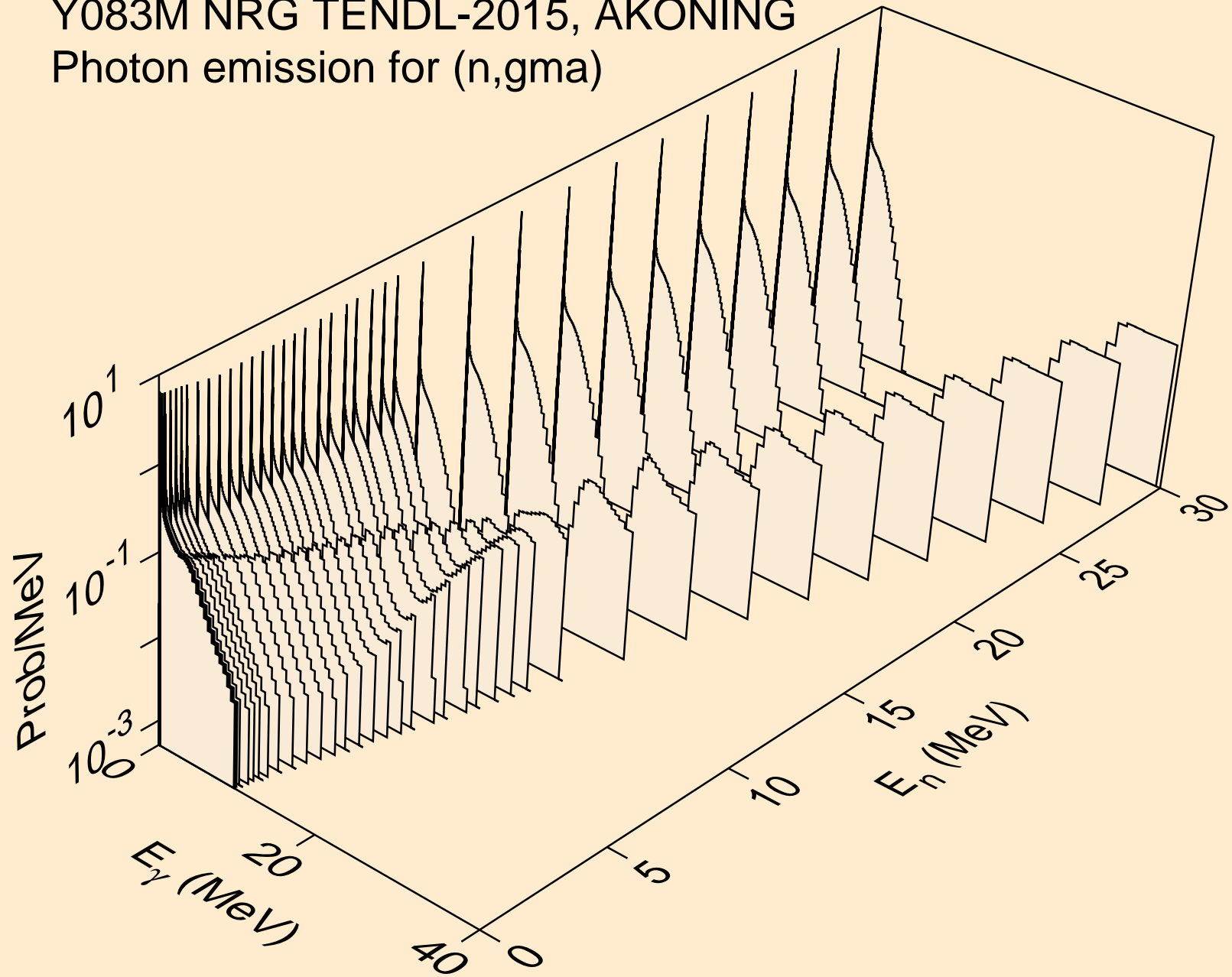
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Photon emission for (n,n\*22)



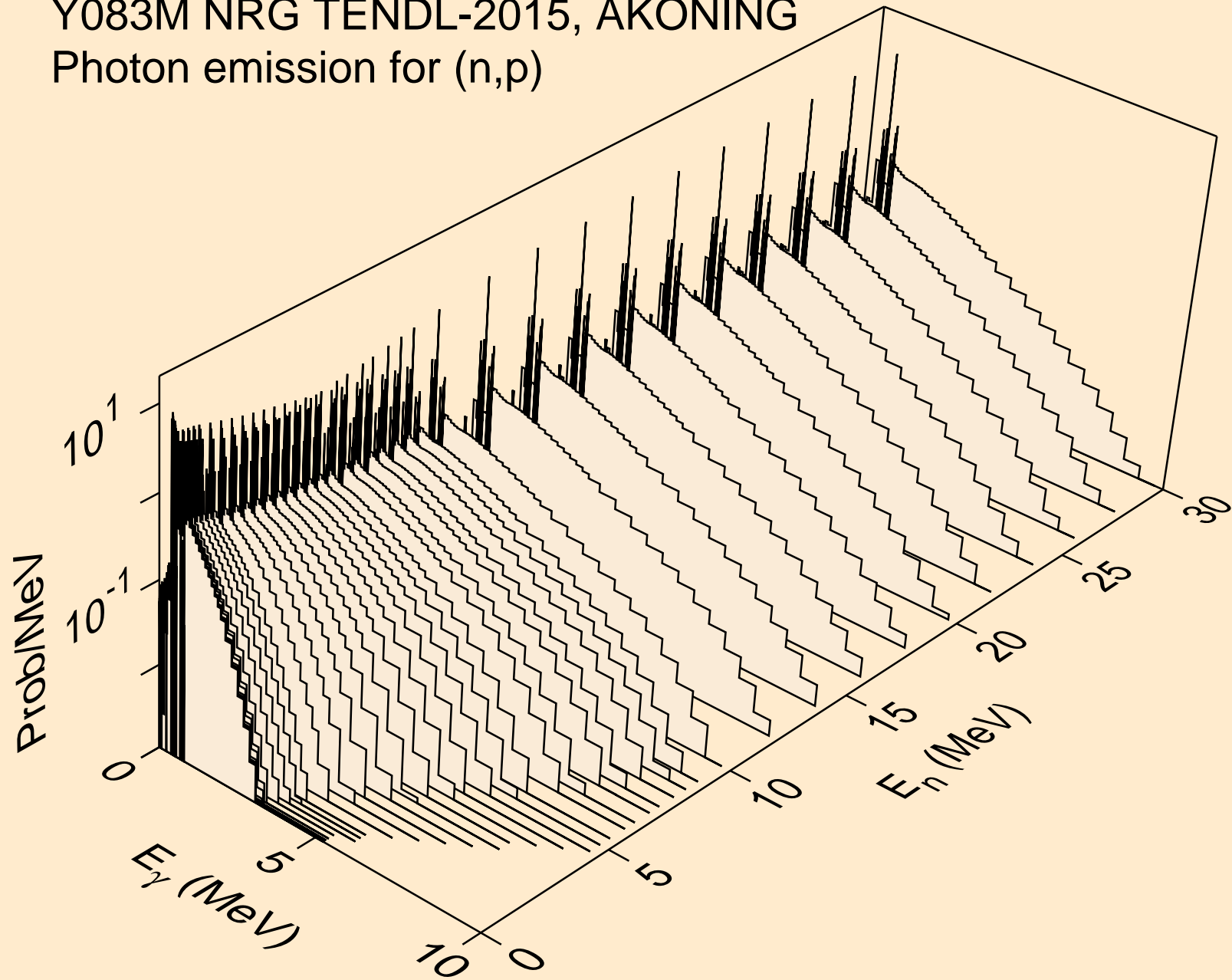
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Photon emission for (n,n\*c)



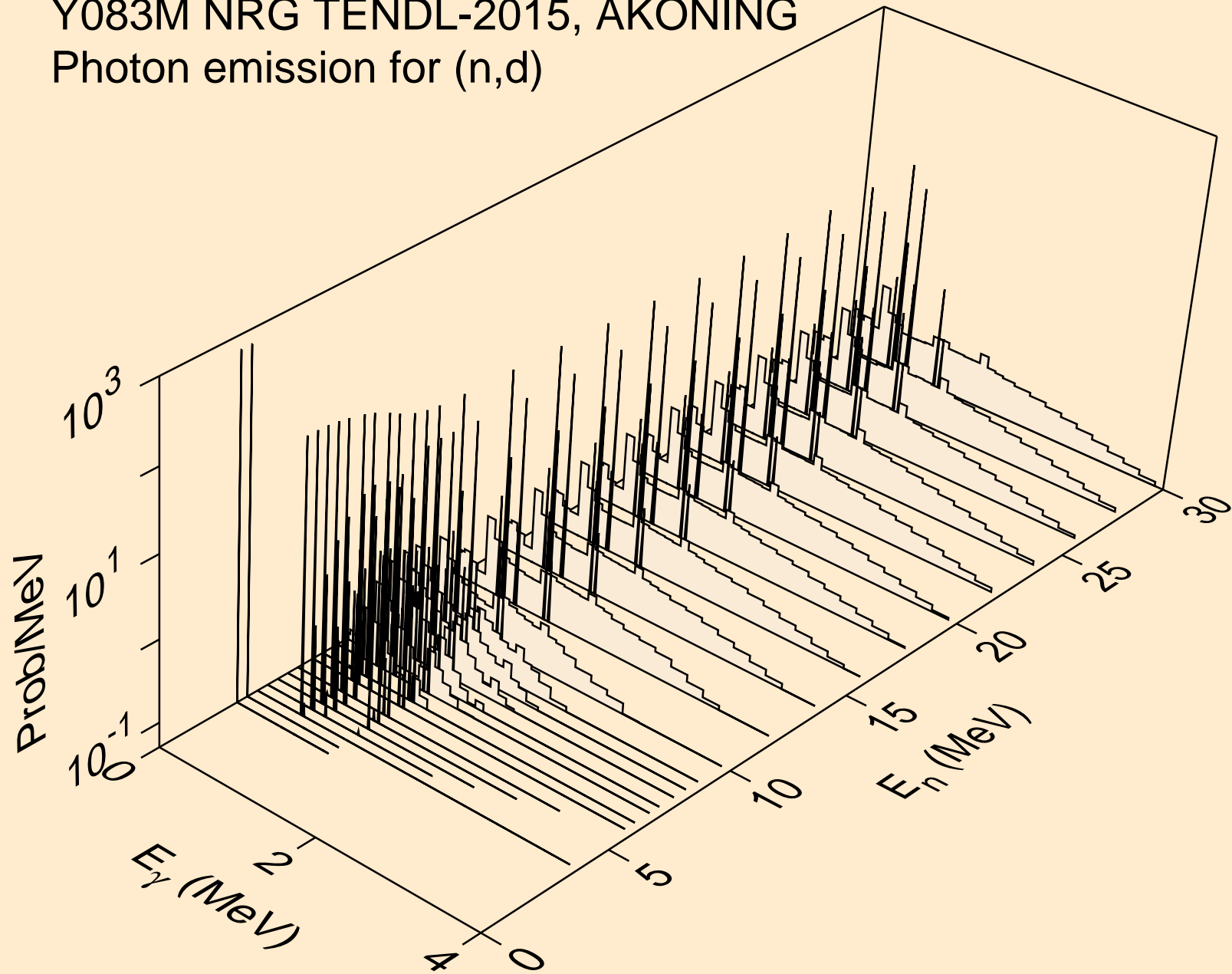
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Photon emission for (n,gma)



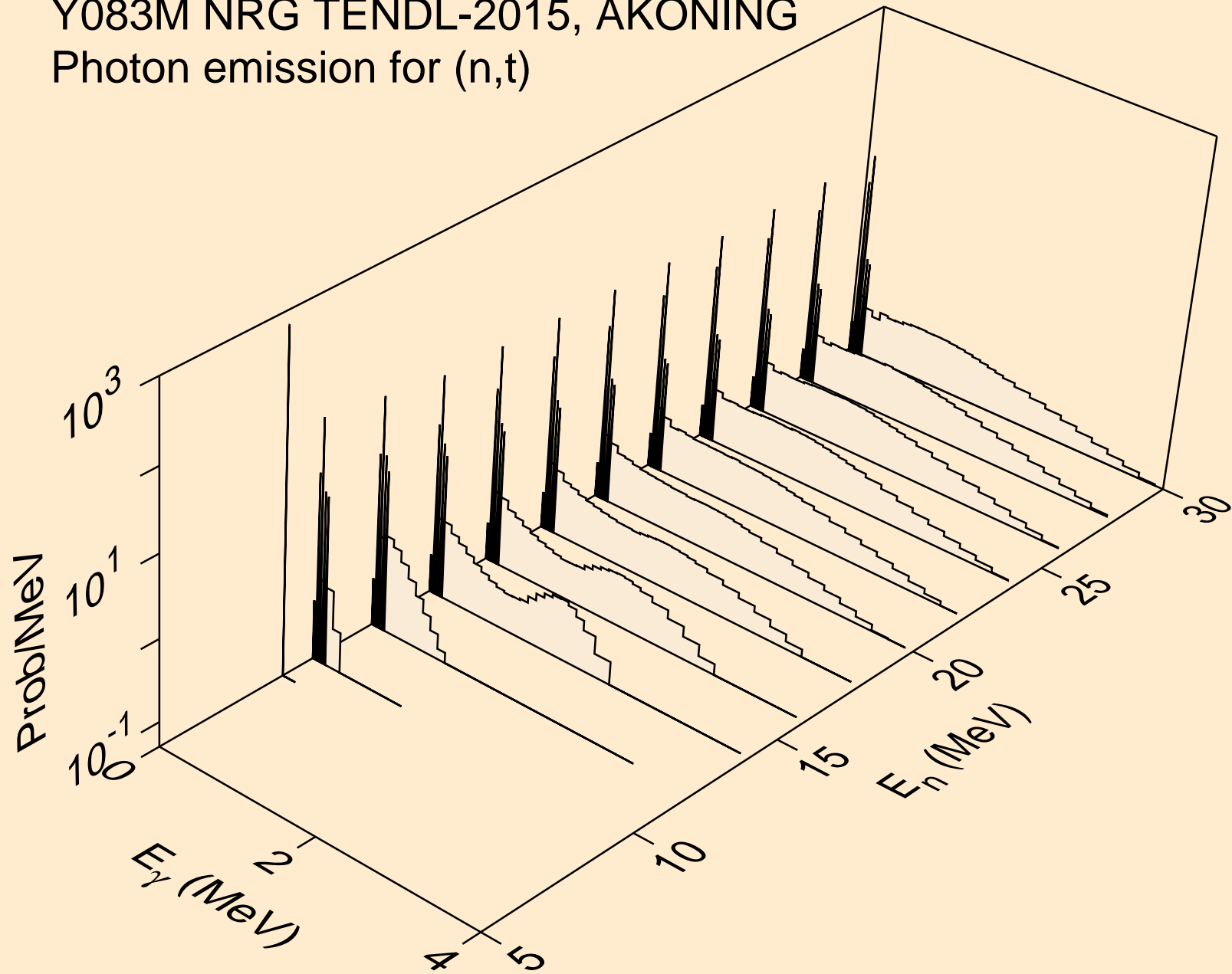
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Photon emission for (n,p)



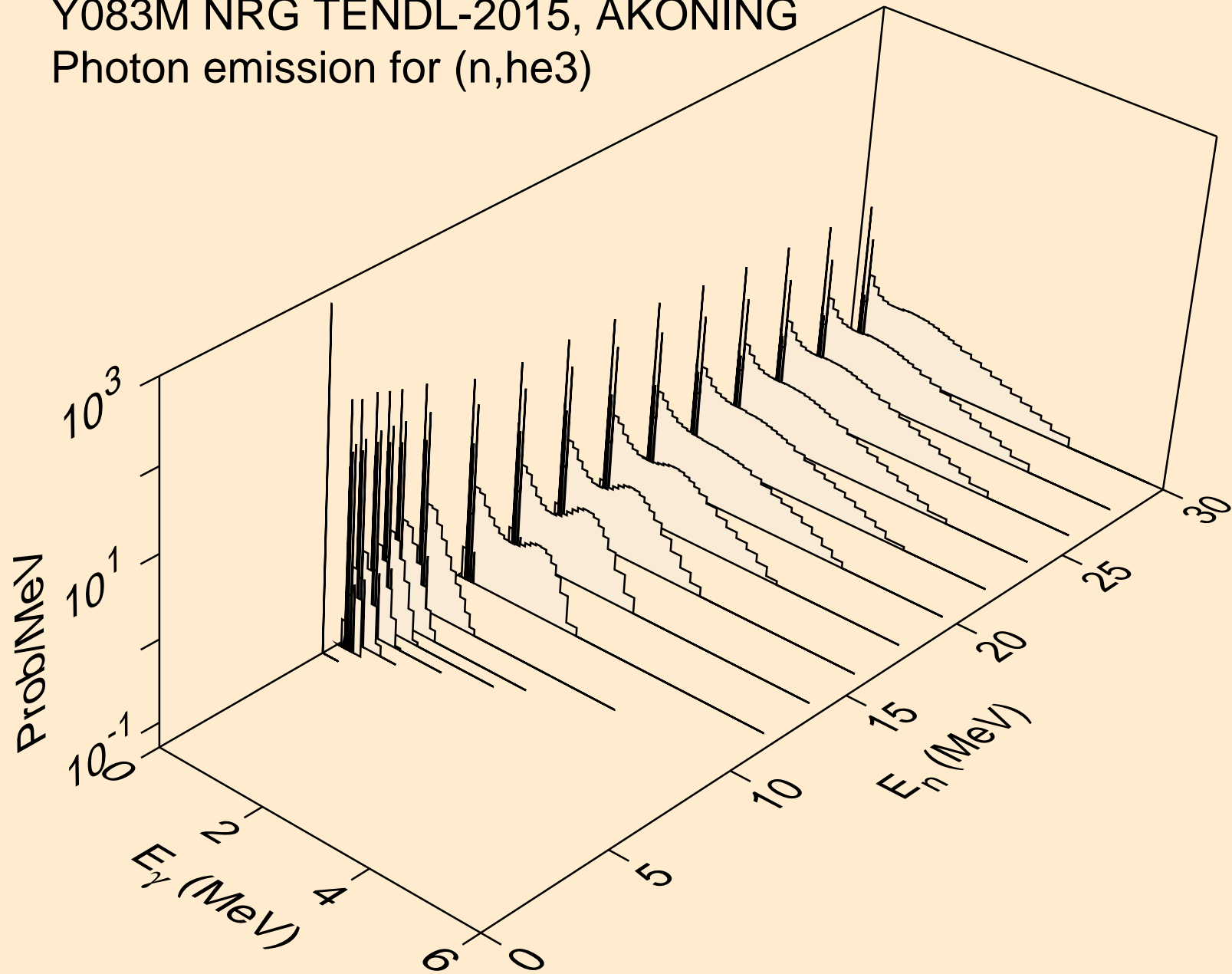
Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,t)

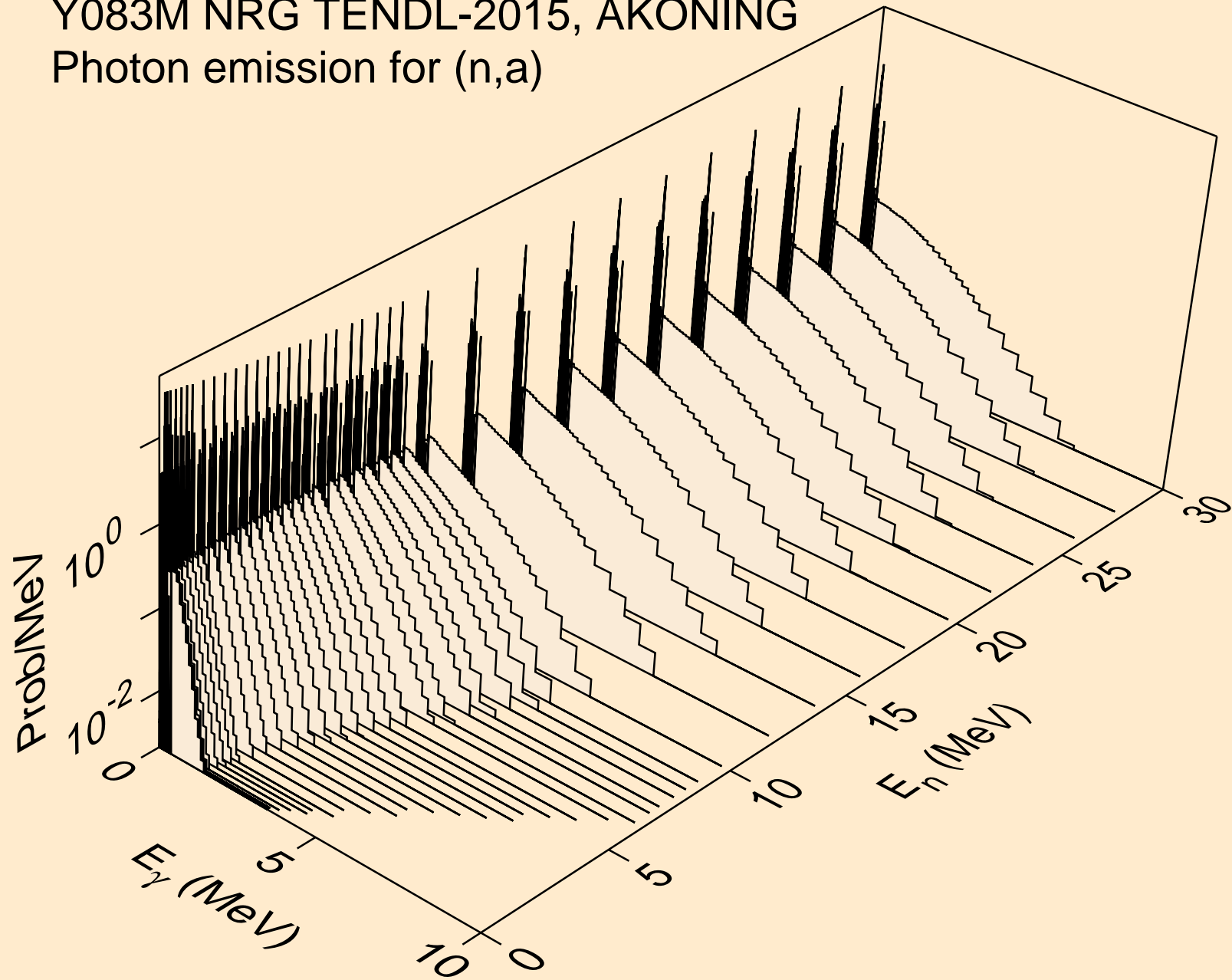


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Photon emission for (n,he3)

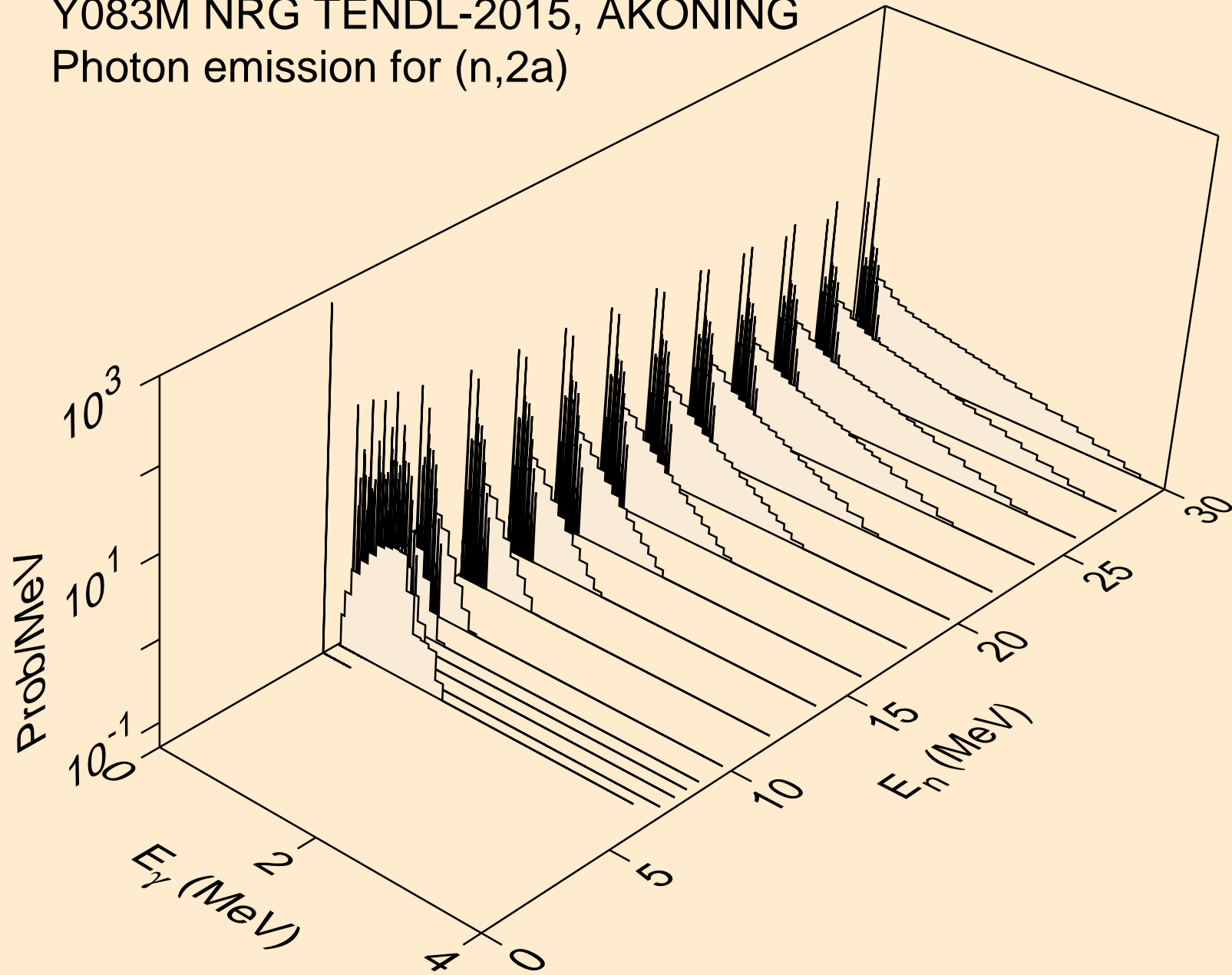




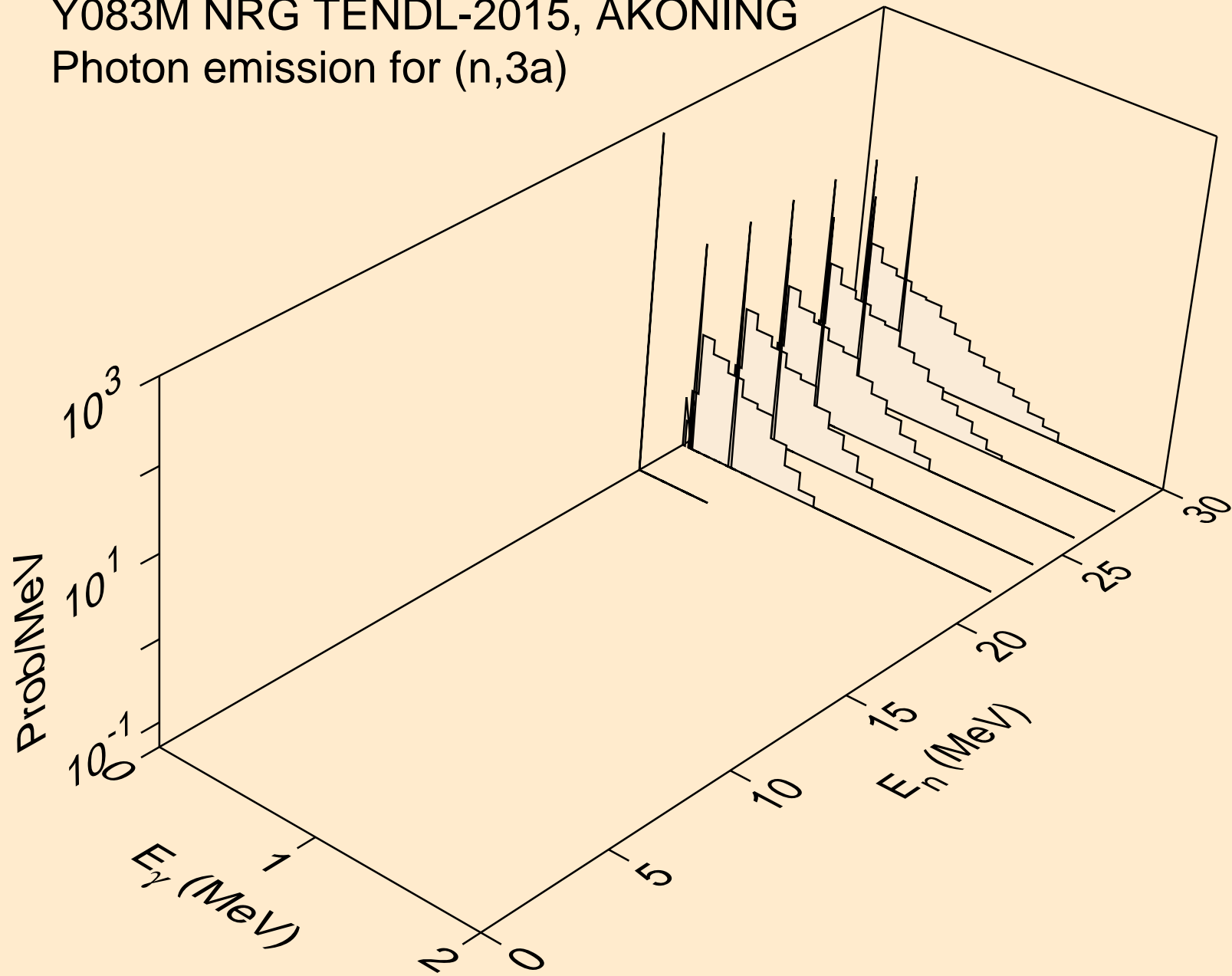
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Photon emission for (n,a)



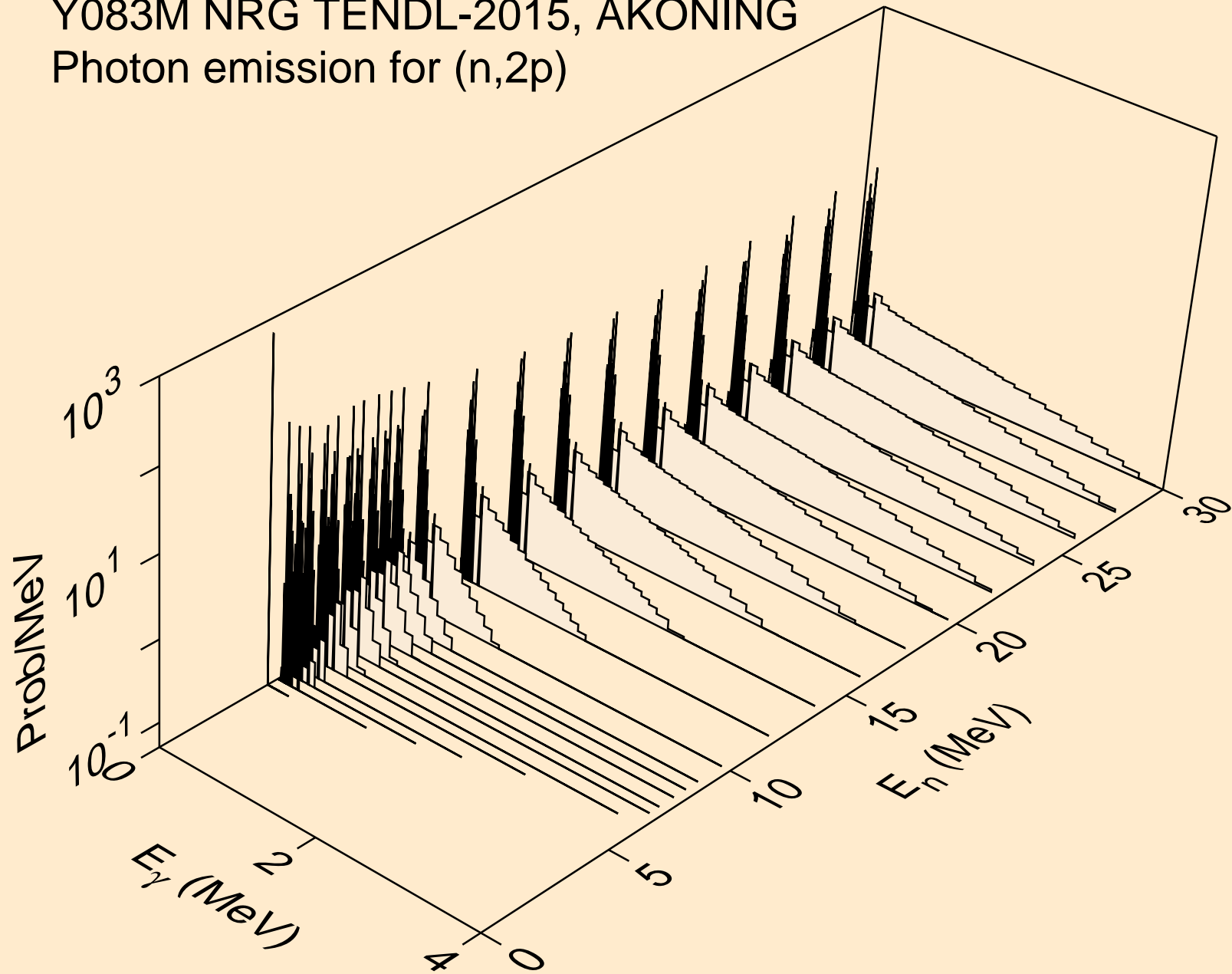
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Photon emission for (n,2a)



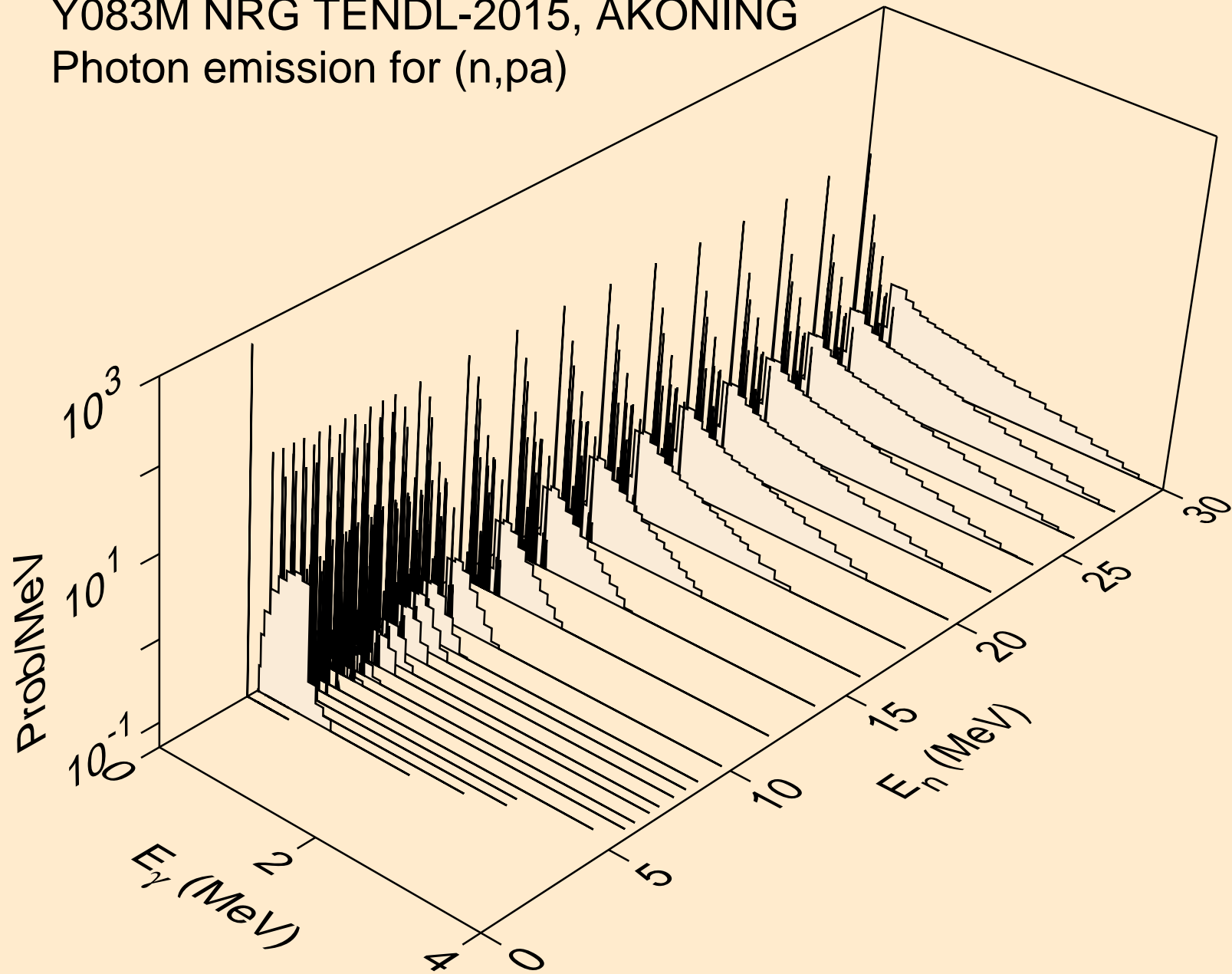
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Photon emission for (n,3a)



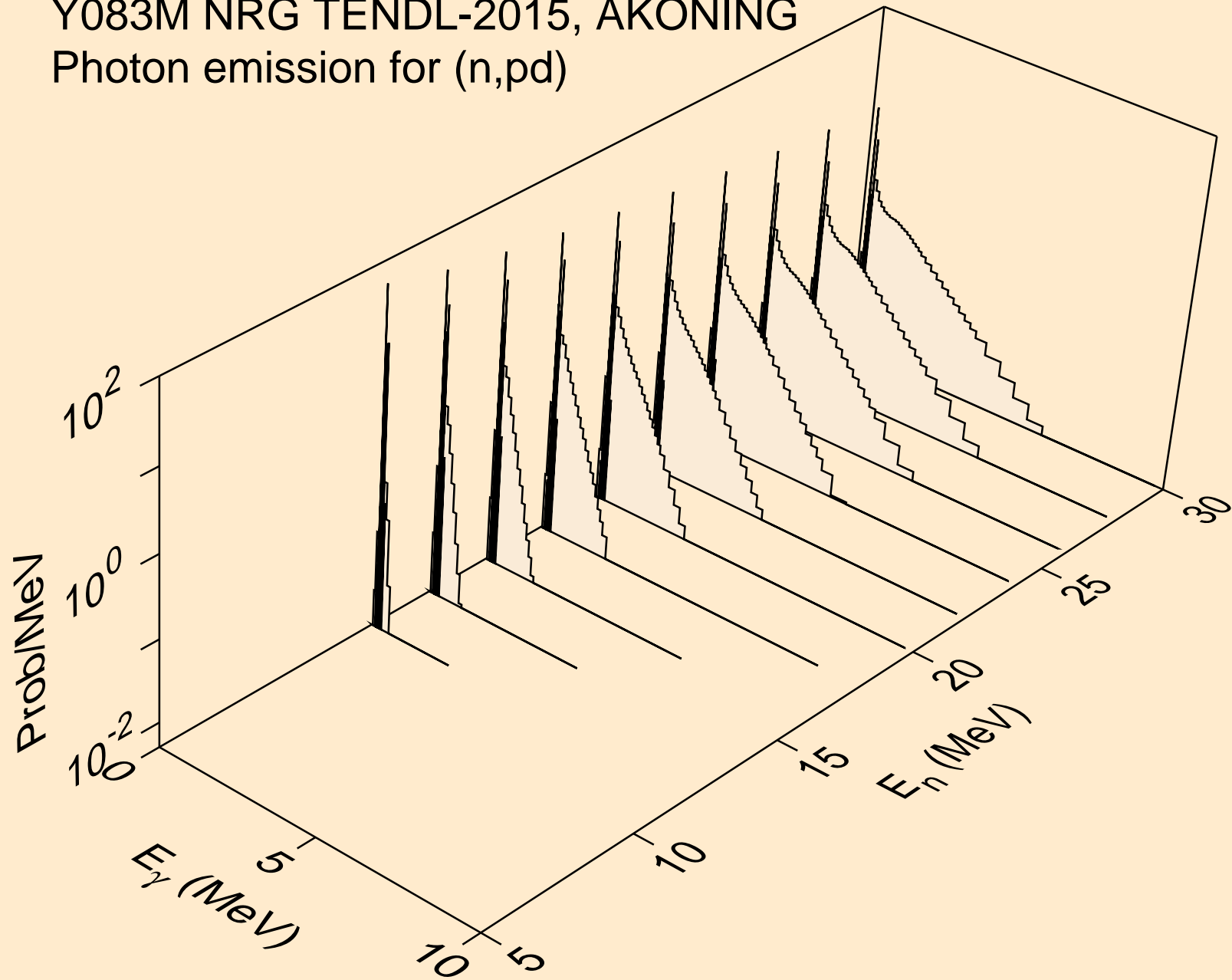
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Photon emission for (n,2p)



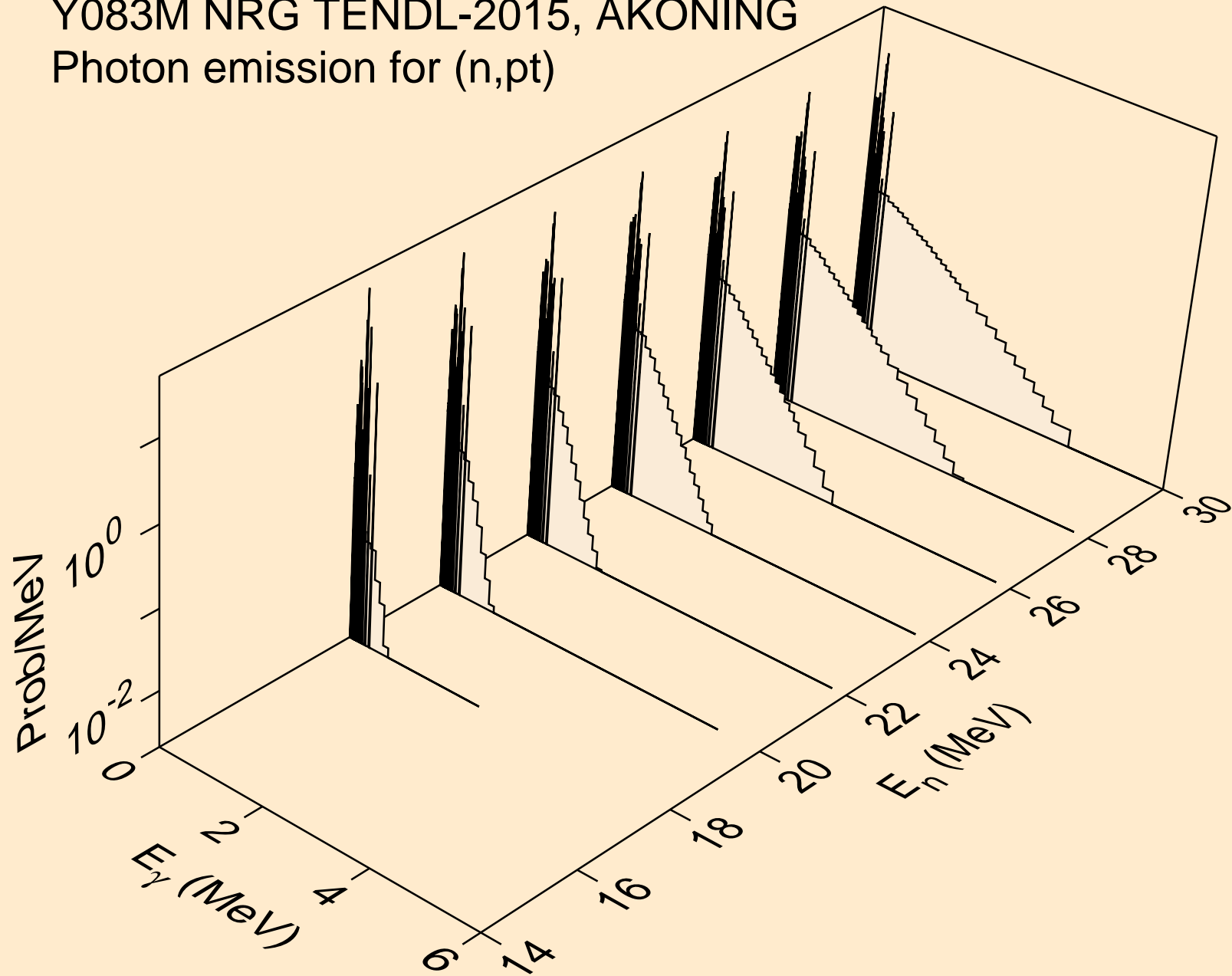
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Photon emission for (n,pa)



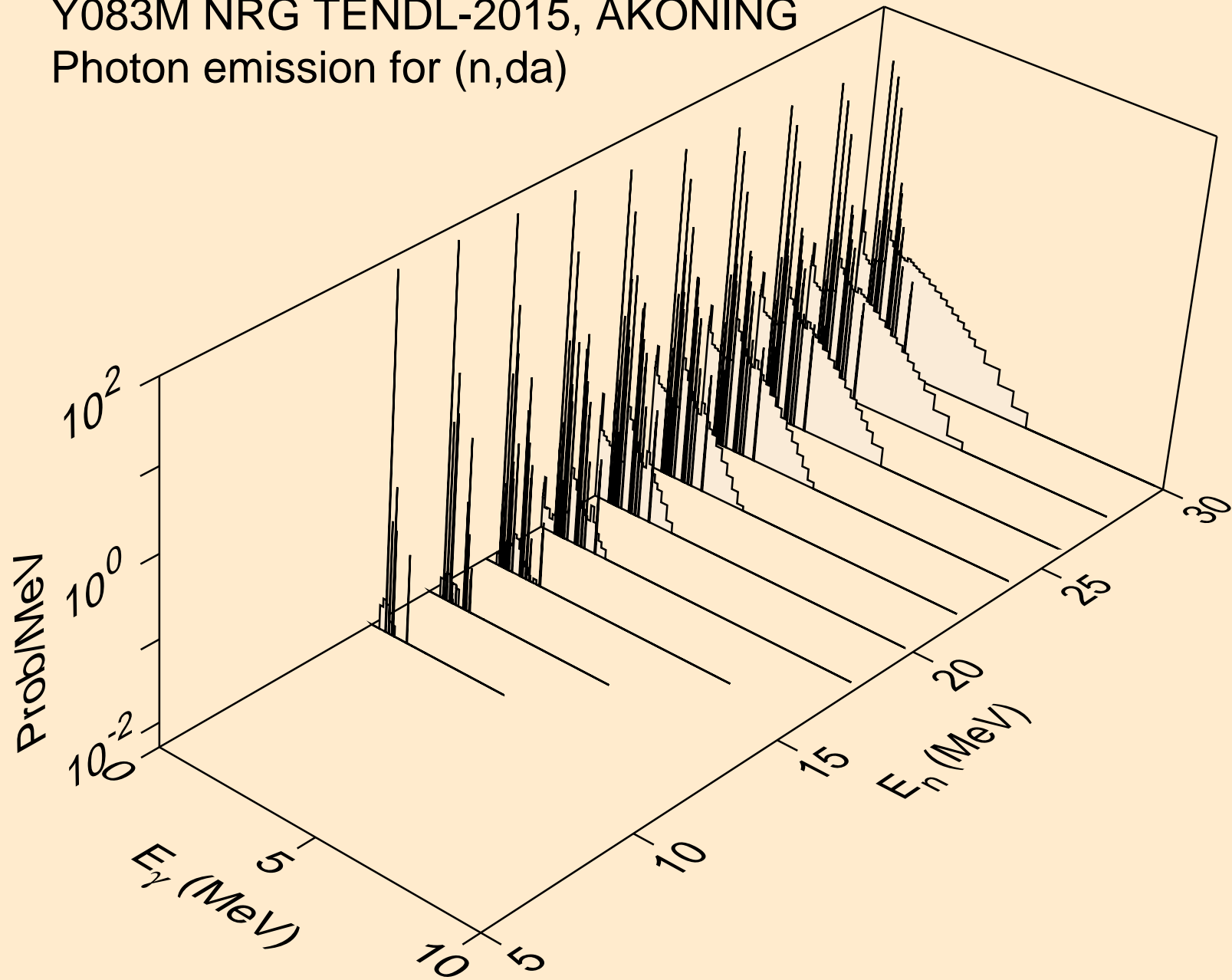
Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

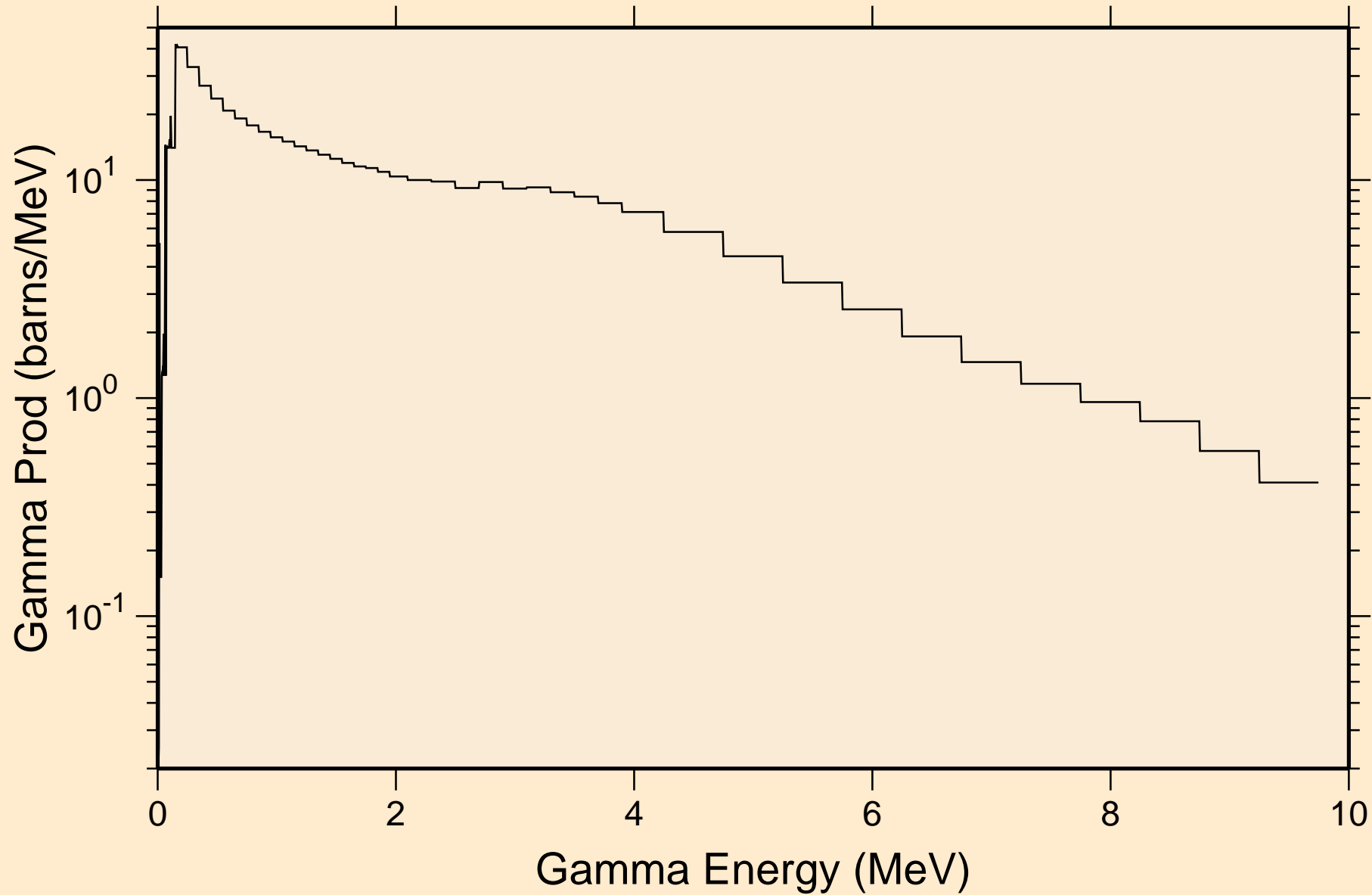


Y083M NRG TENDL-2015, AKONING  
Photon emission for (n,da)

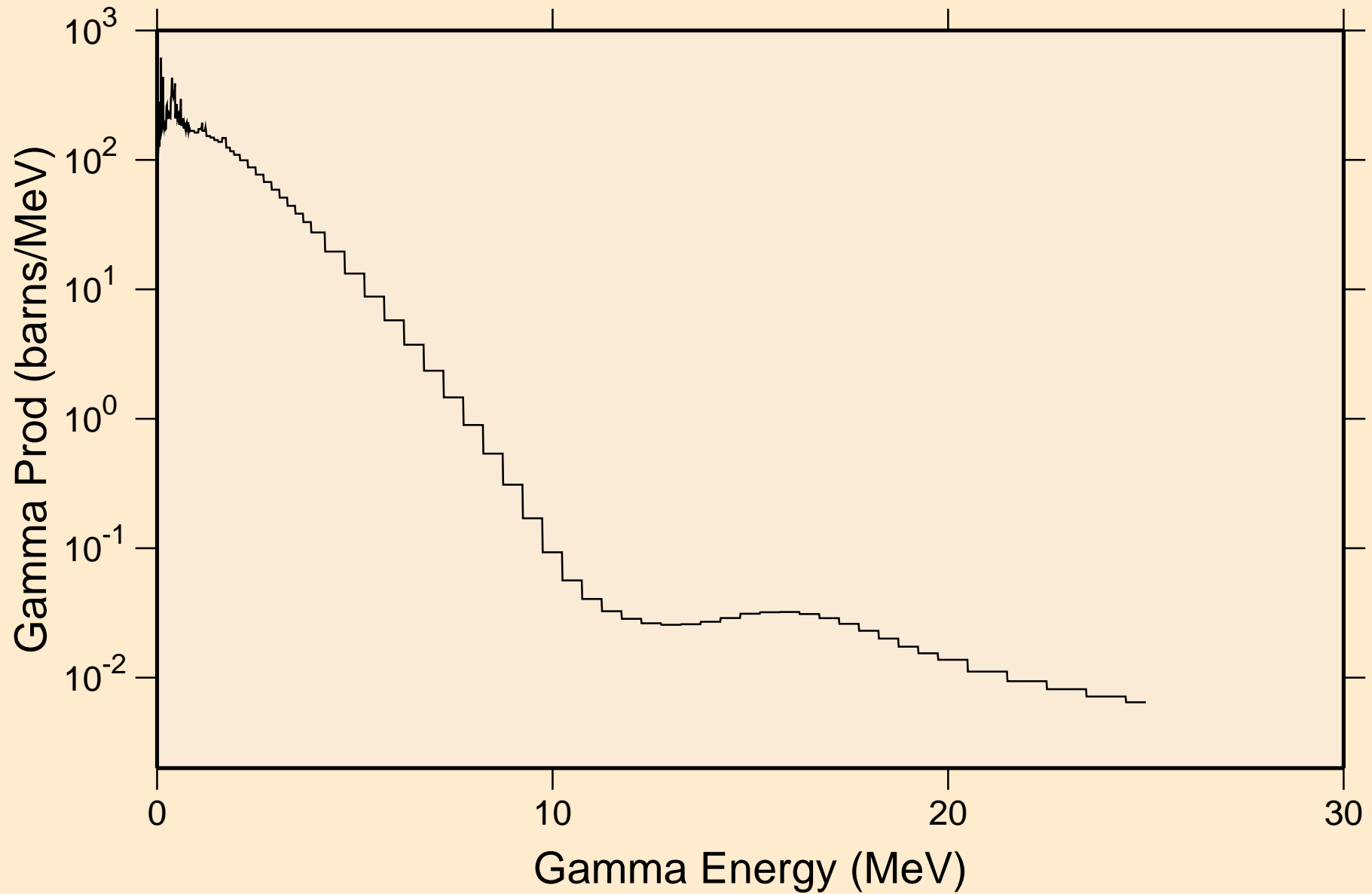




Y083M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

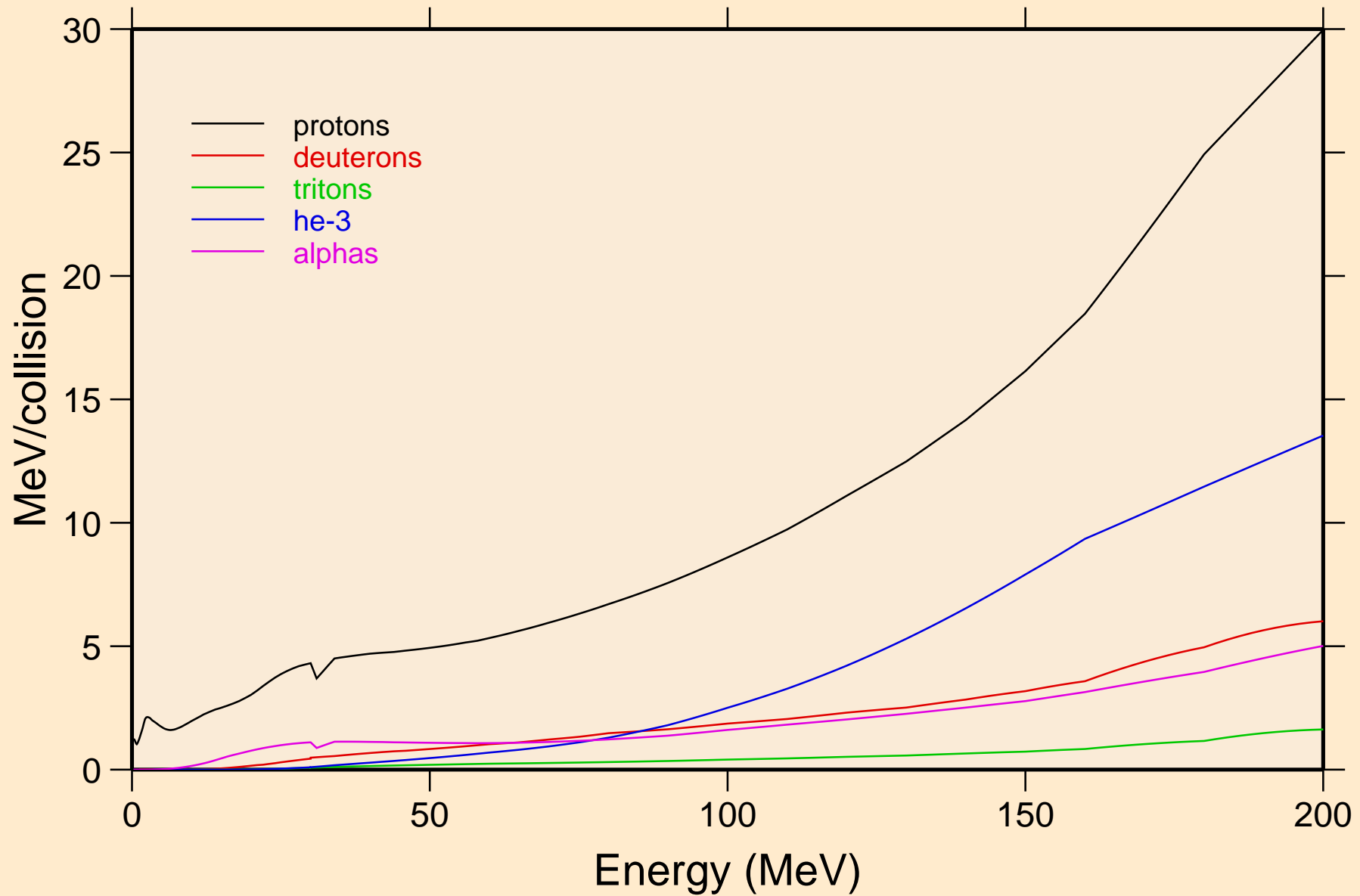


Y083M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



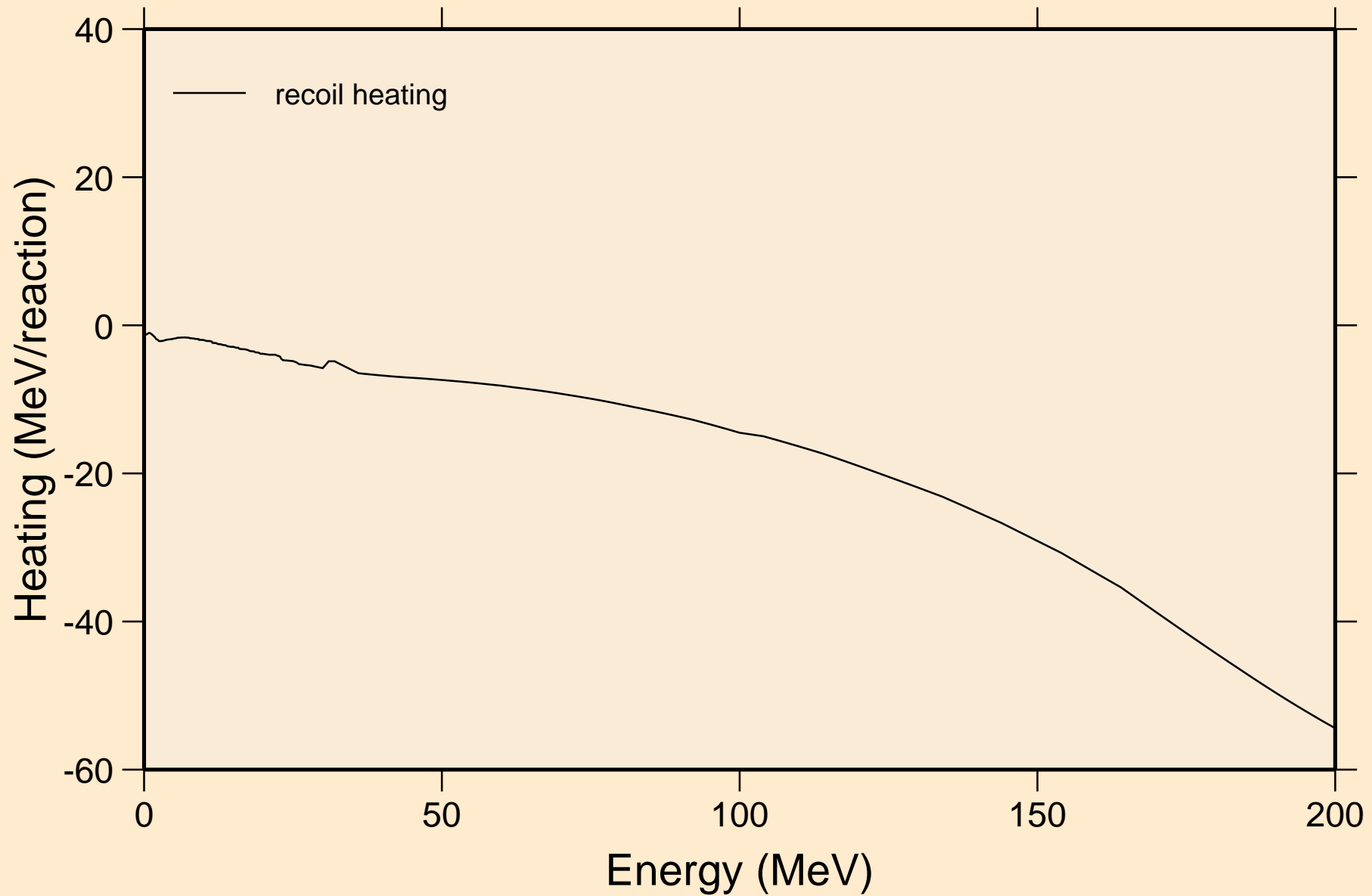
# Y083M NRG TENDL-2015, AKONING

## Particle heating contributions



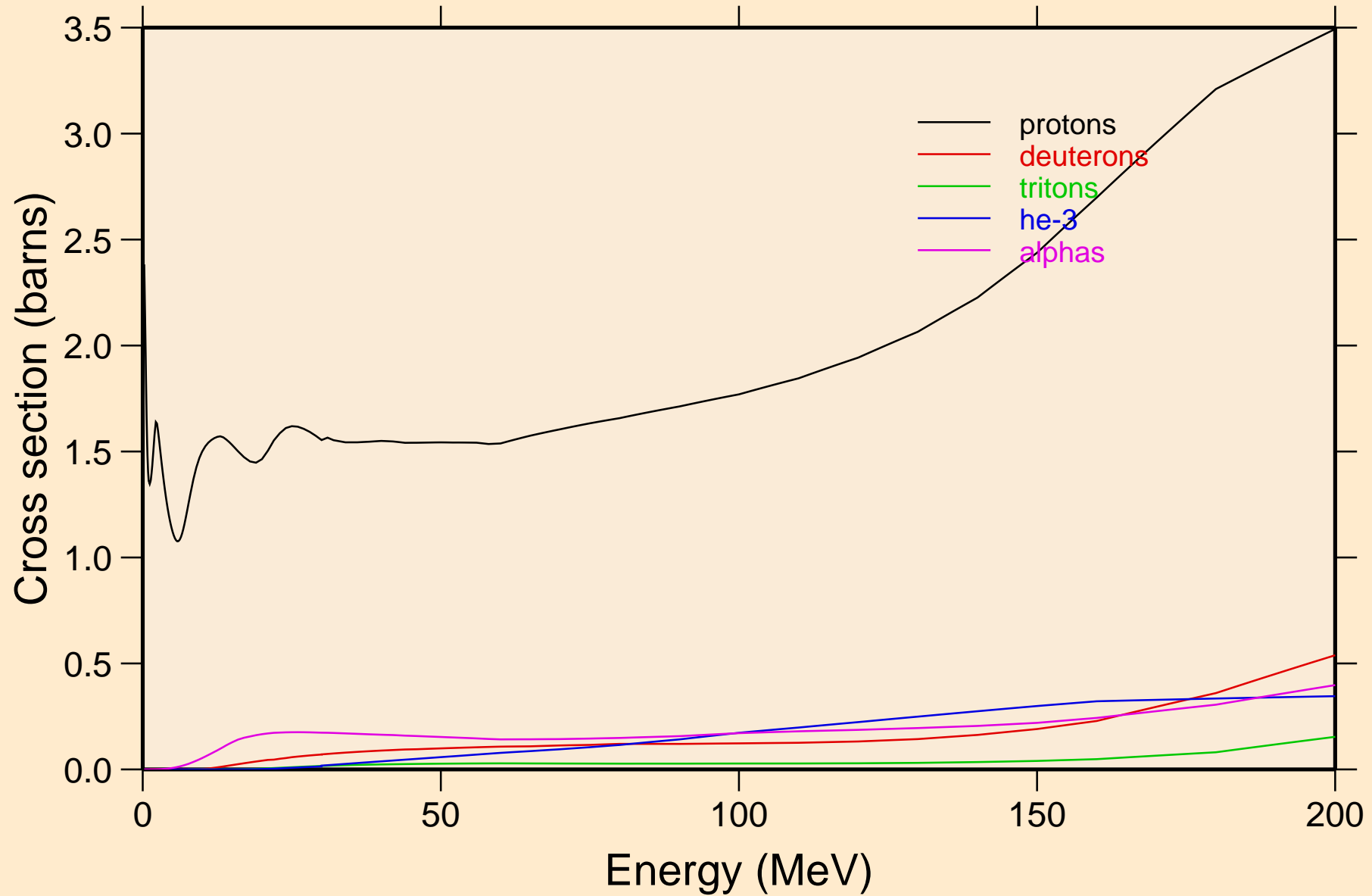
# Y083M NRG TENDL-2015, AKONING

## Recoil Heating

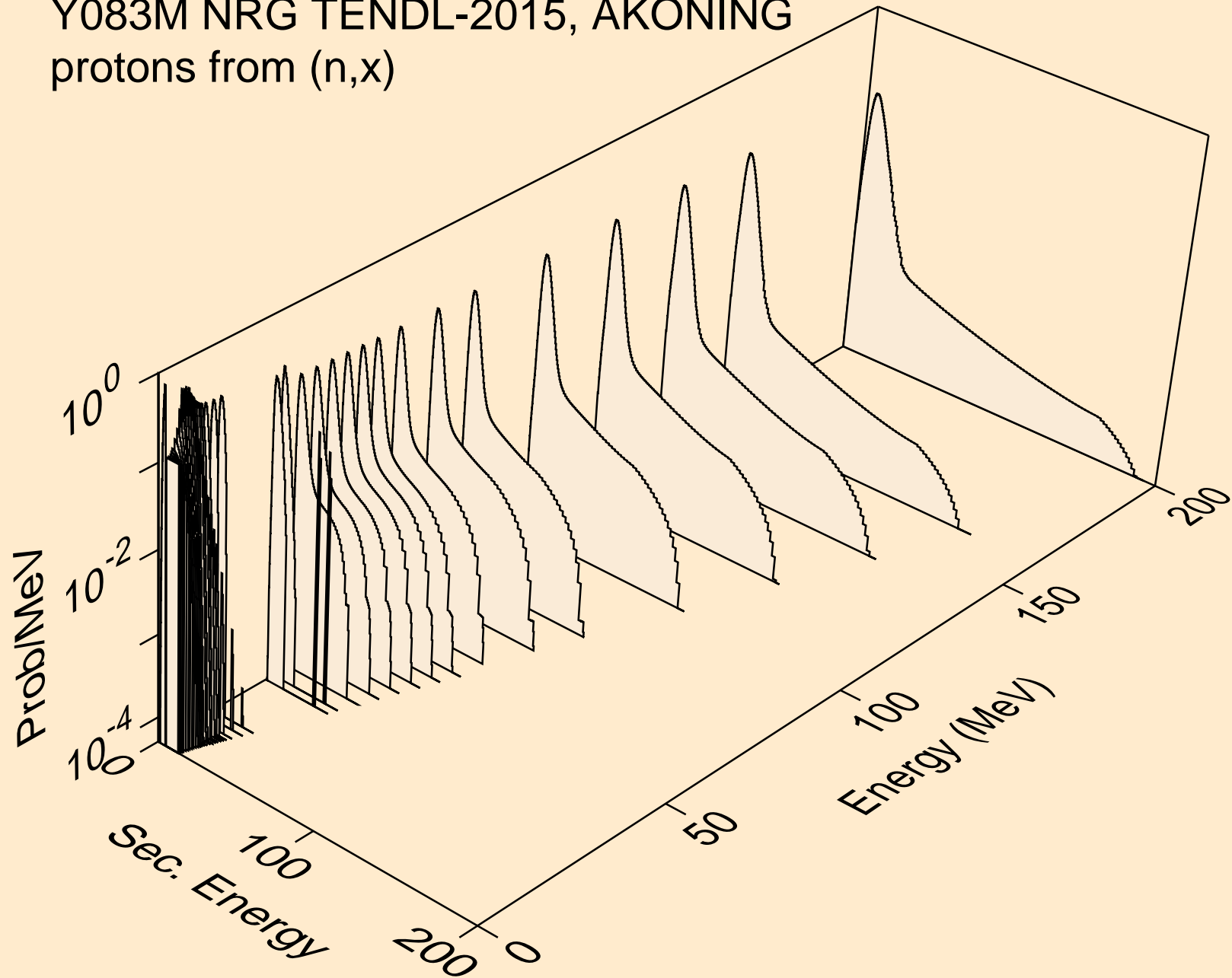


# Y083M NRG TENDL-2015, AKONING

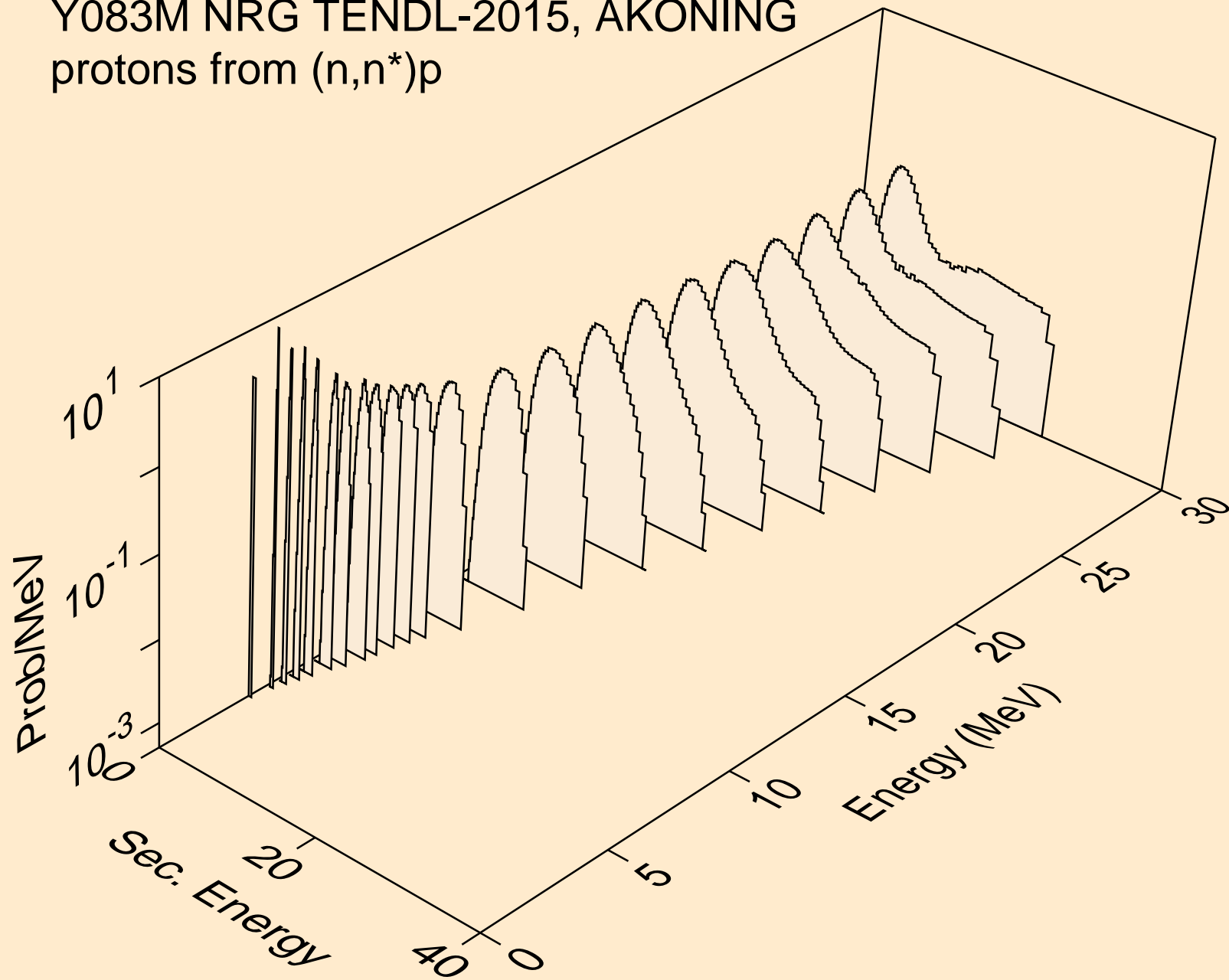
## Particle production cross sections



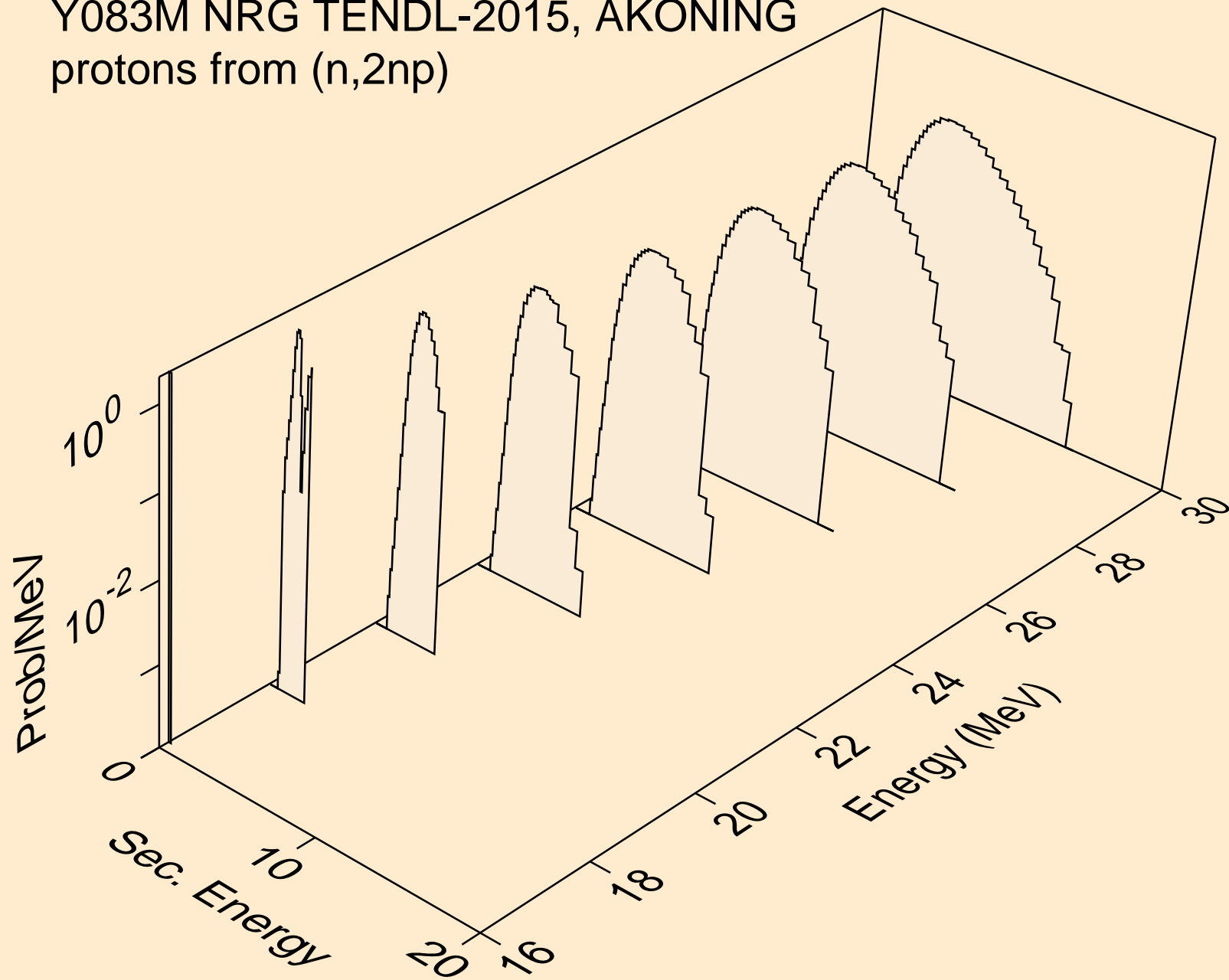
Y083M NRG TENDL-2015, AKONING  
protons from (n,x)



Y083M NRG TENDL-2015, AKONING  
protons from (n,n\*)p

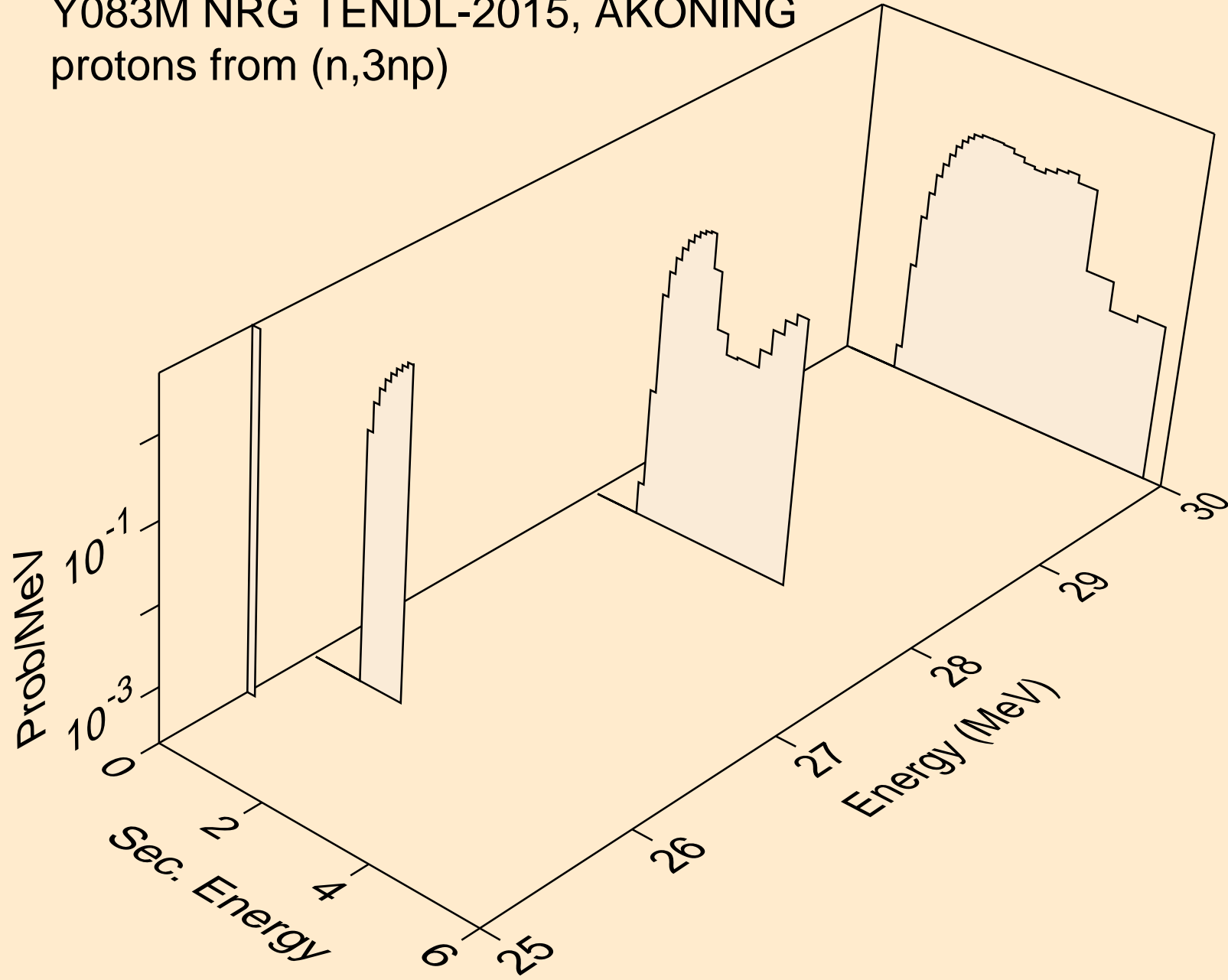


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protons from (n,2np)

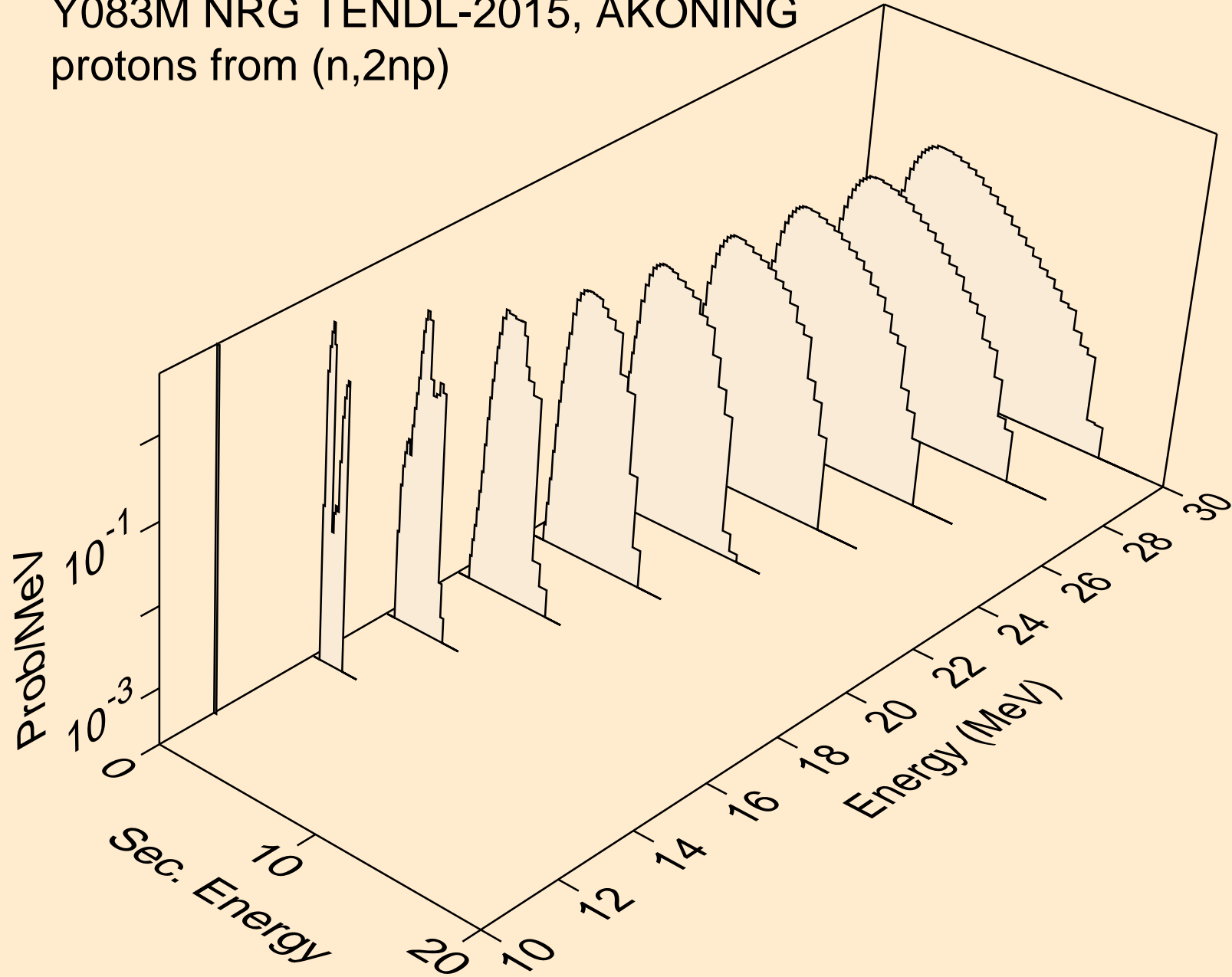




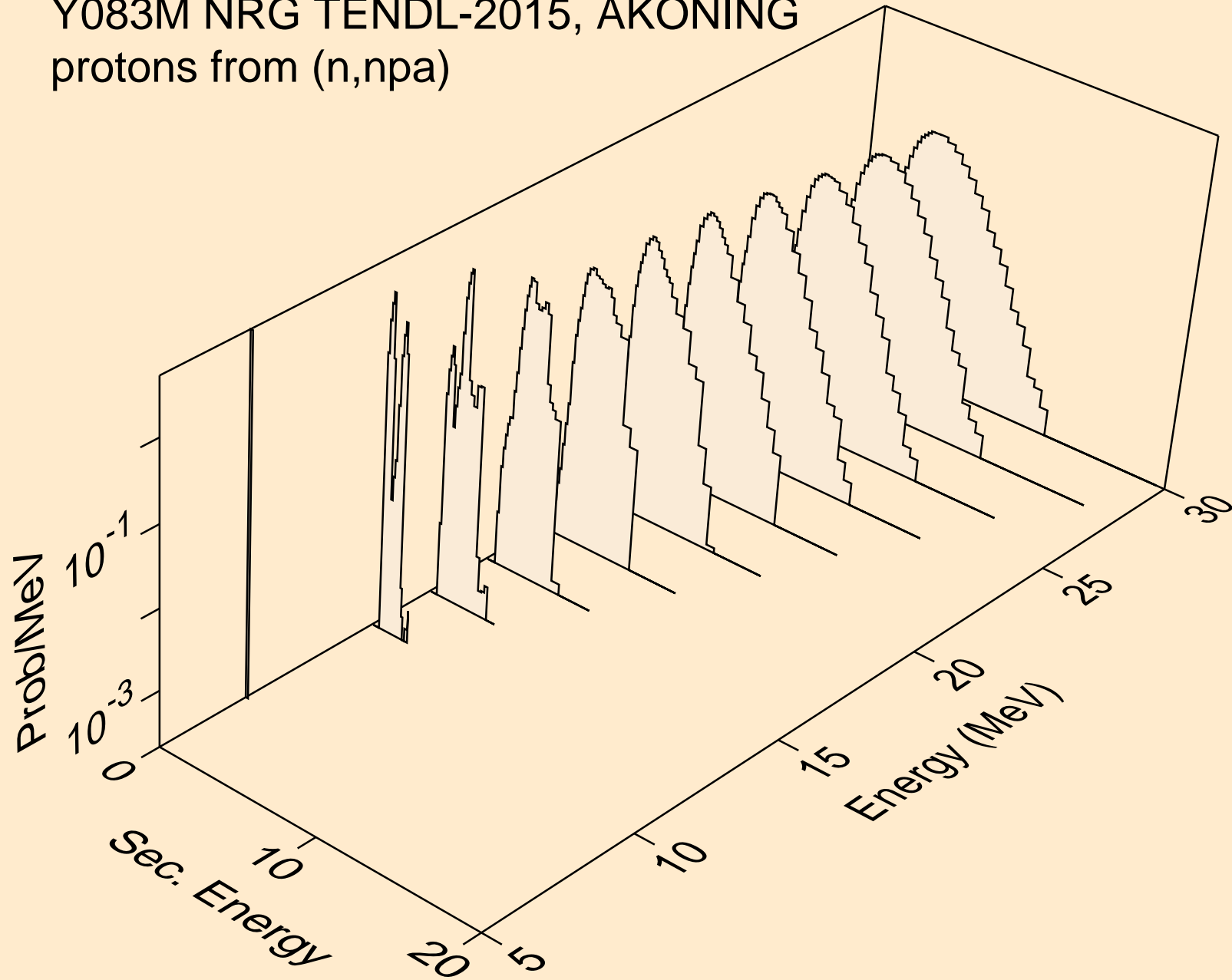
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protons from (n,3np)



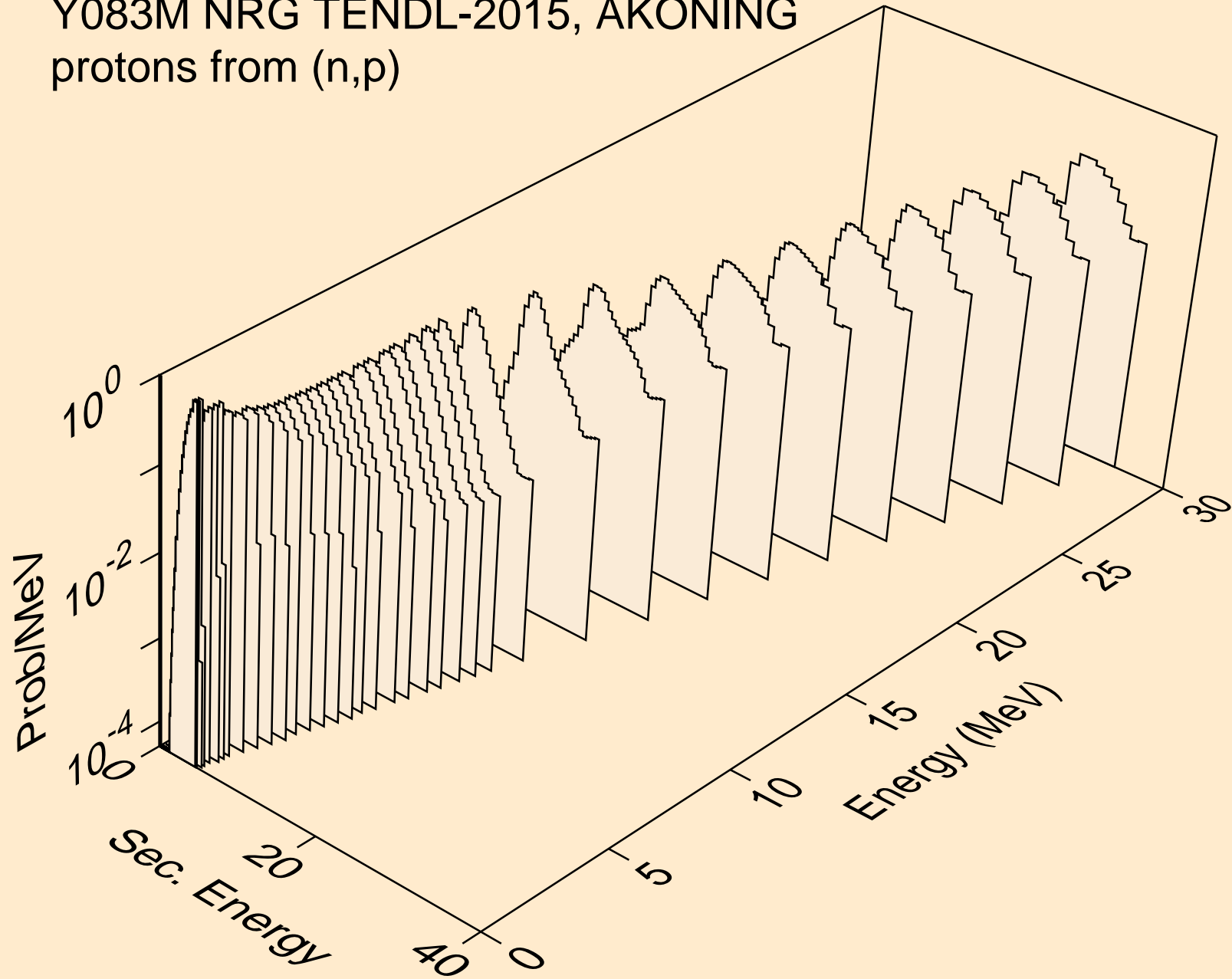
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protons from (n,2np)



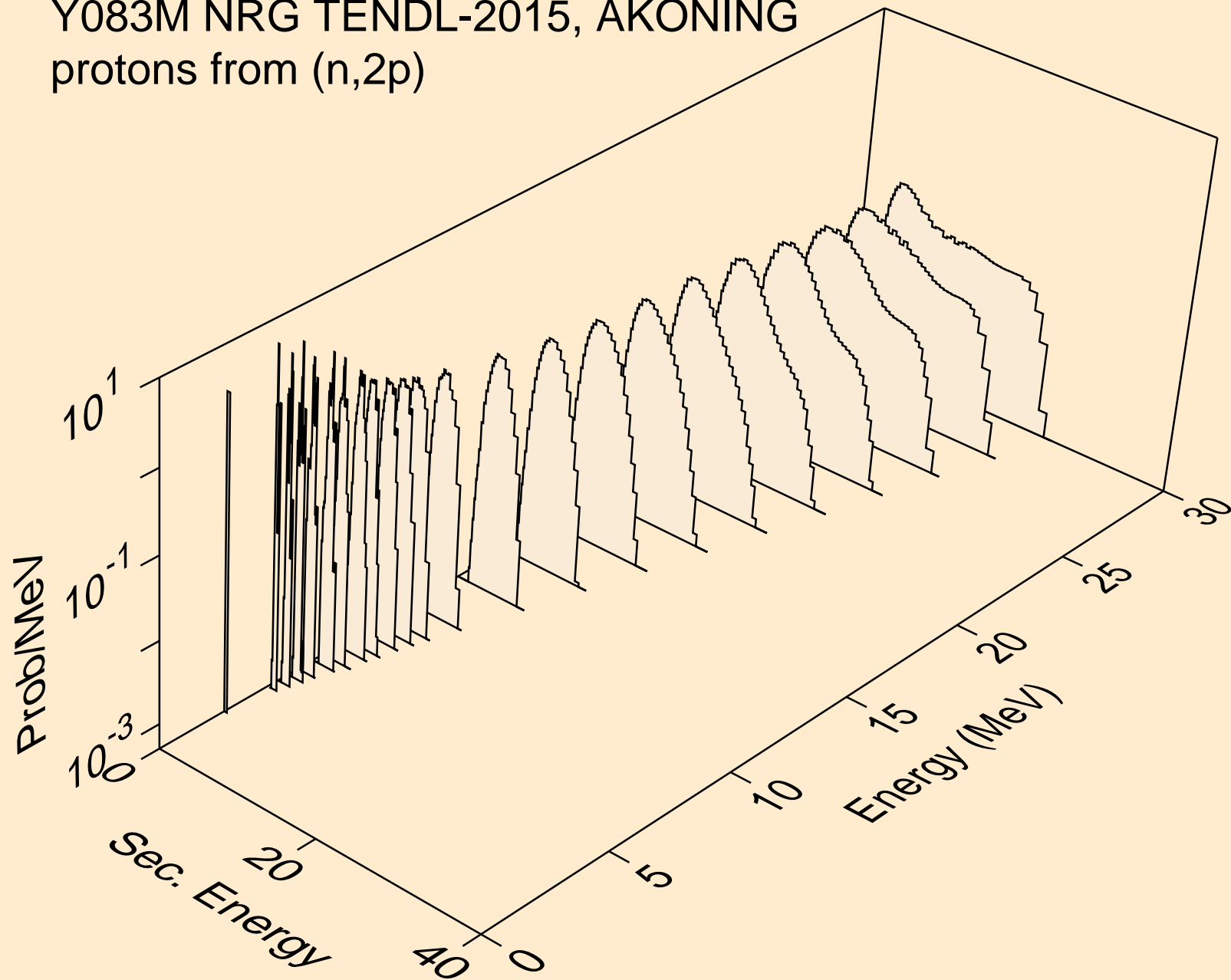
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protons from (n,npa)



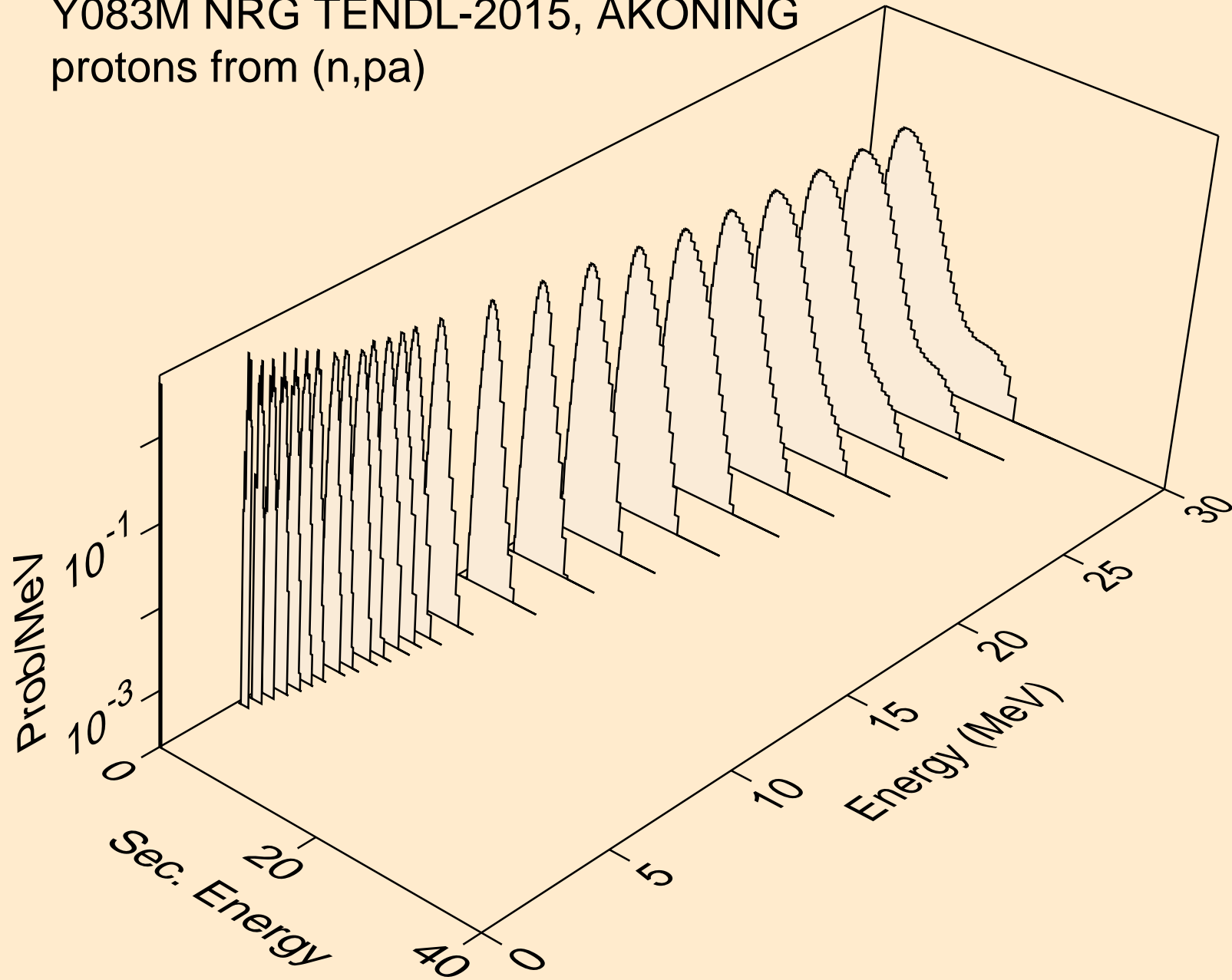
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protons from (n,p)



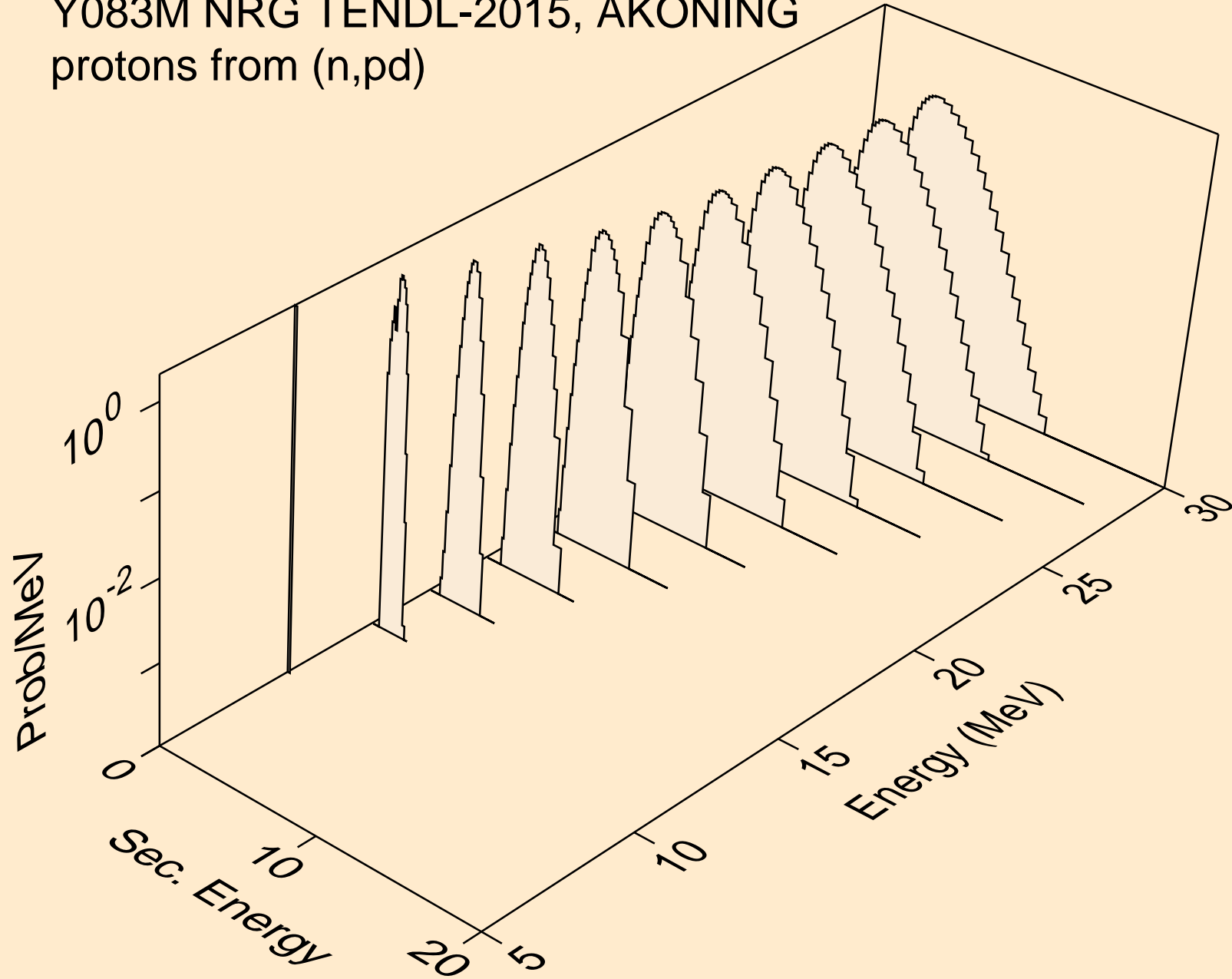
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protons from (n,2p)



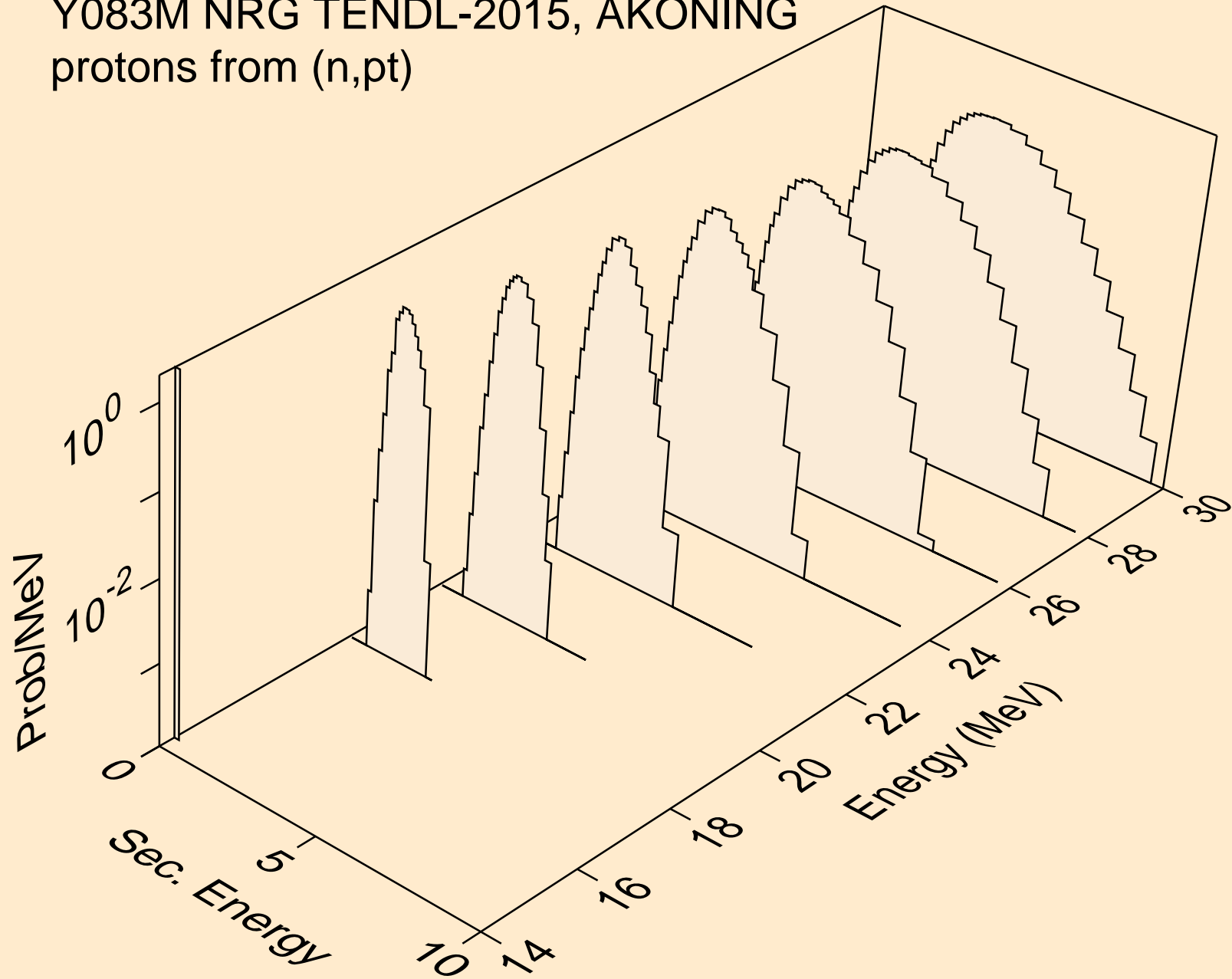
Y083M NRG TENDL-2015, AKONING  
protons from (n,pa)



Y083M NRG TENDL-2015, AKONING  
protons from (n,pd)

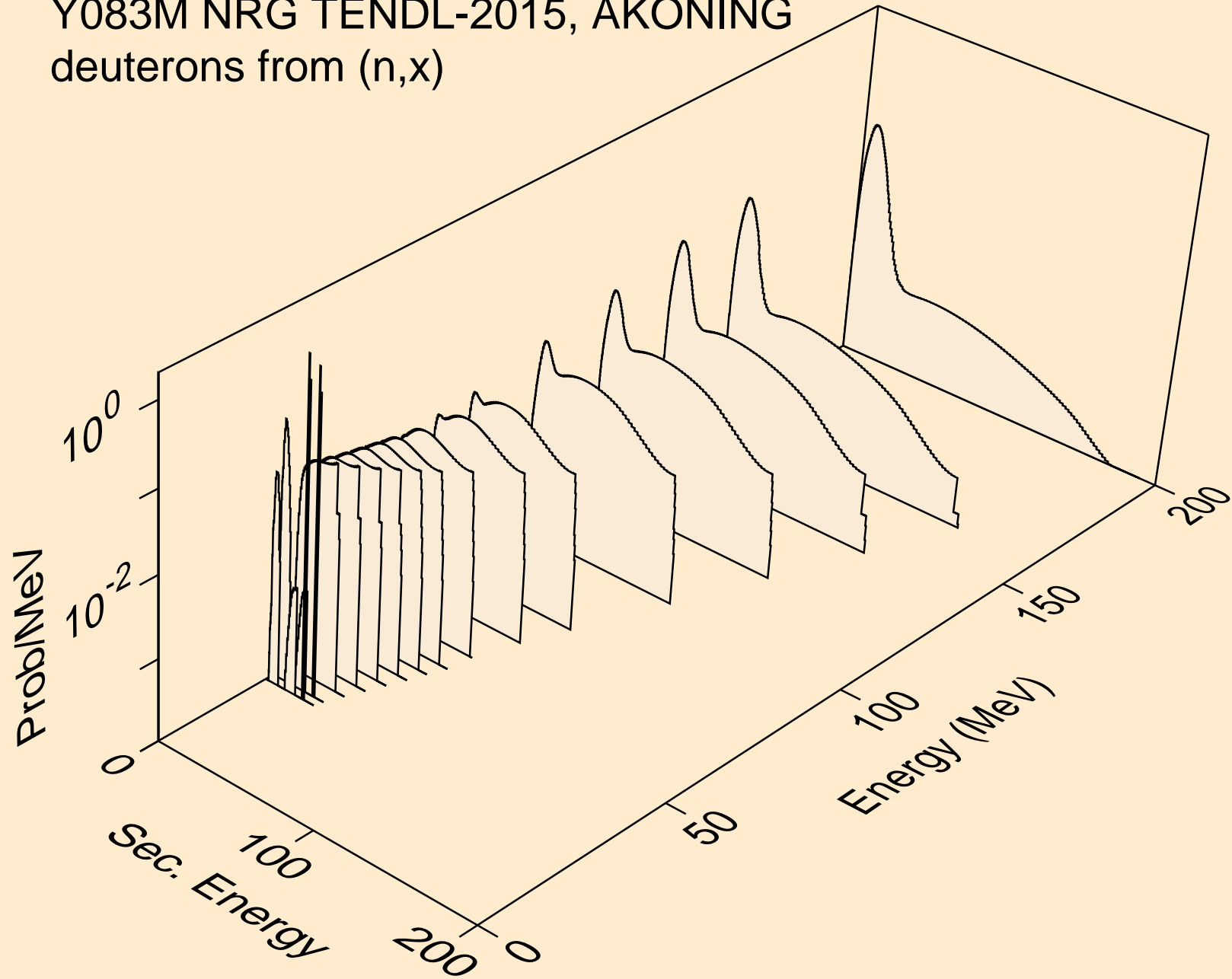


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protons from (n,pt)

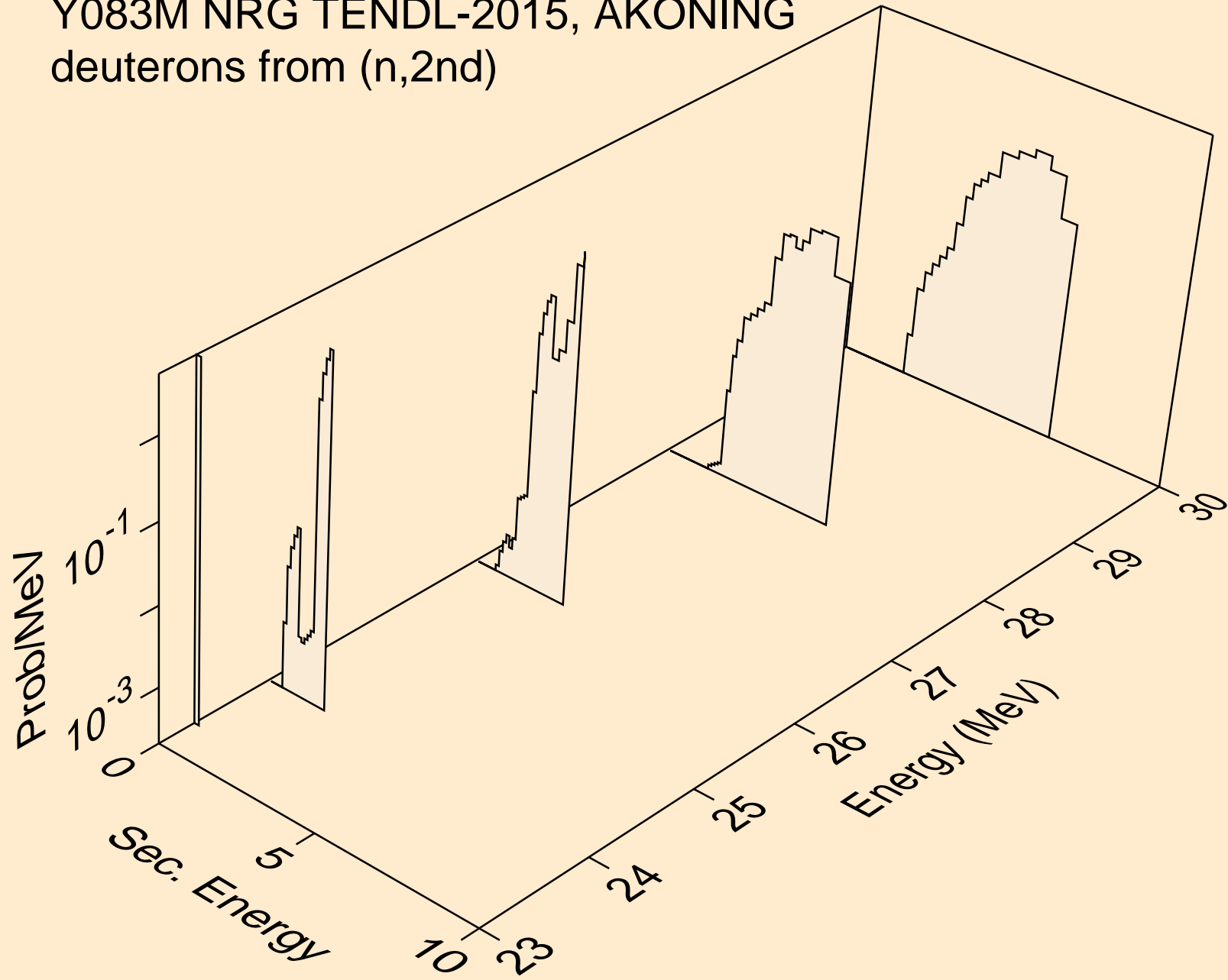




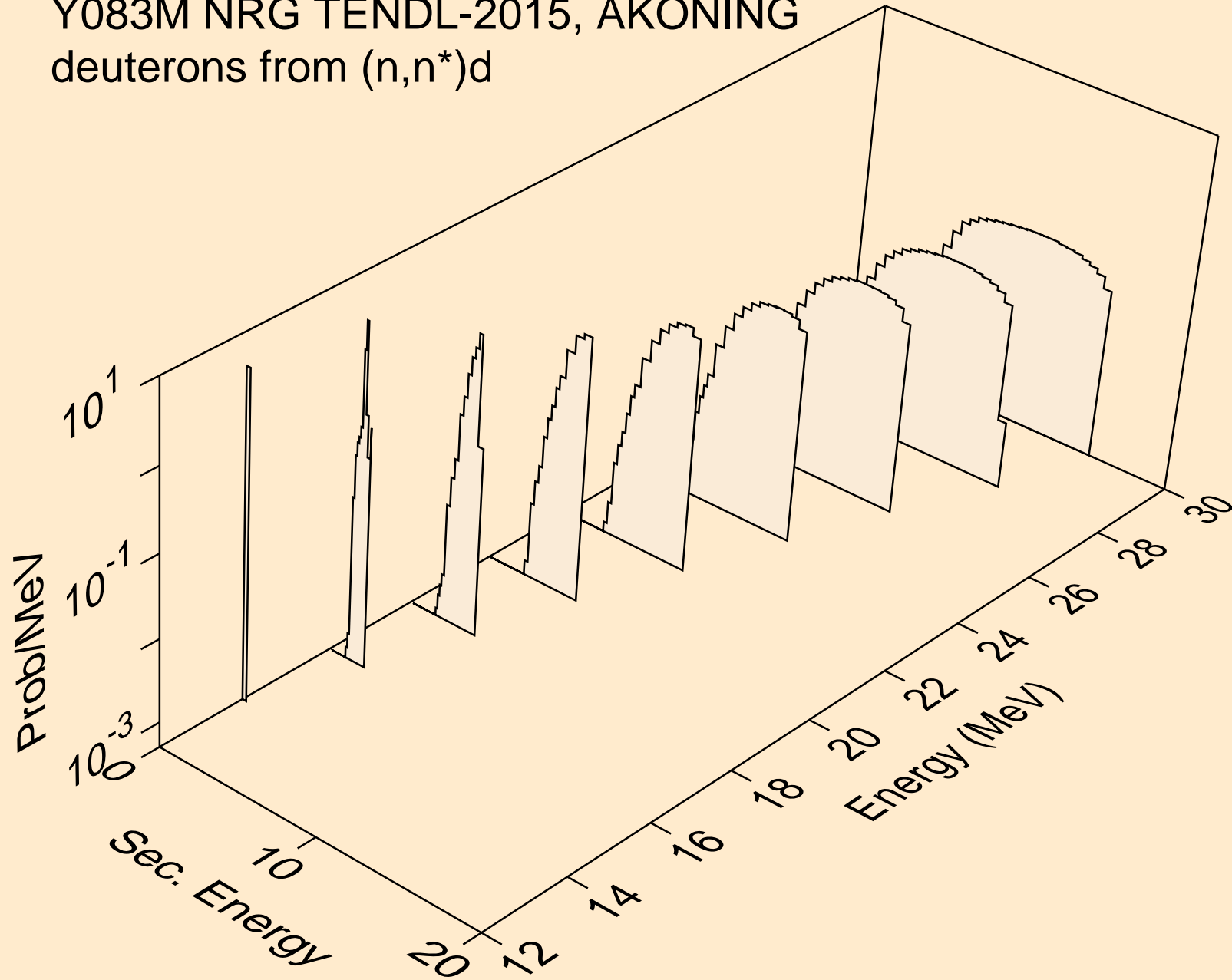
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deuterons from (n,x)



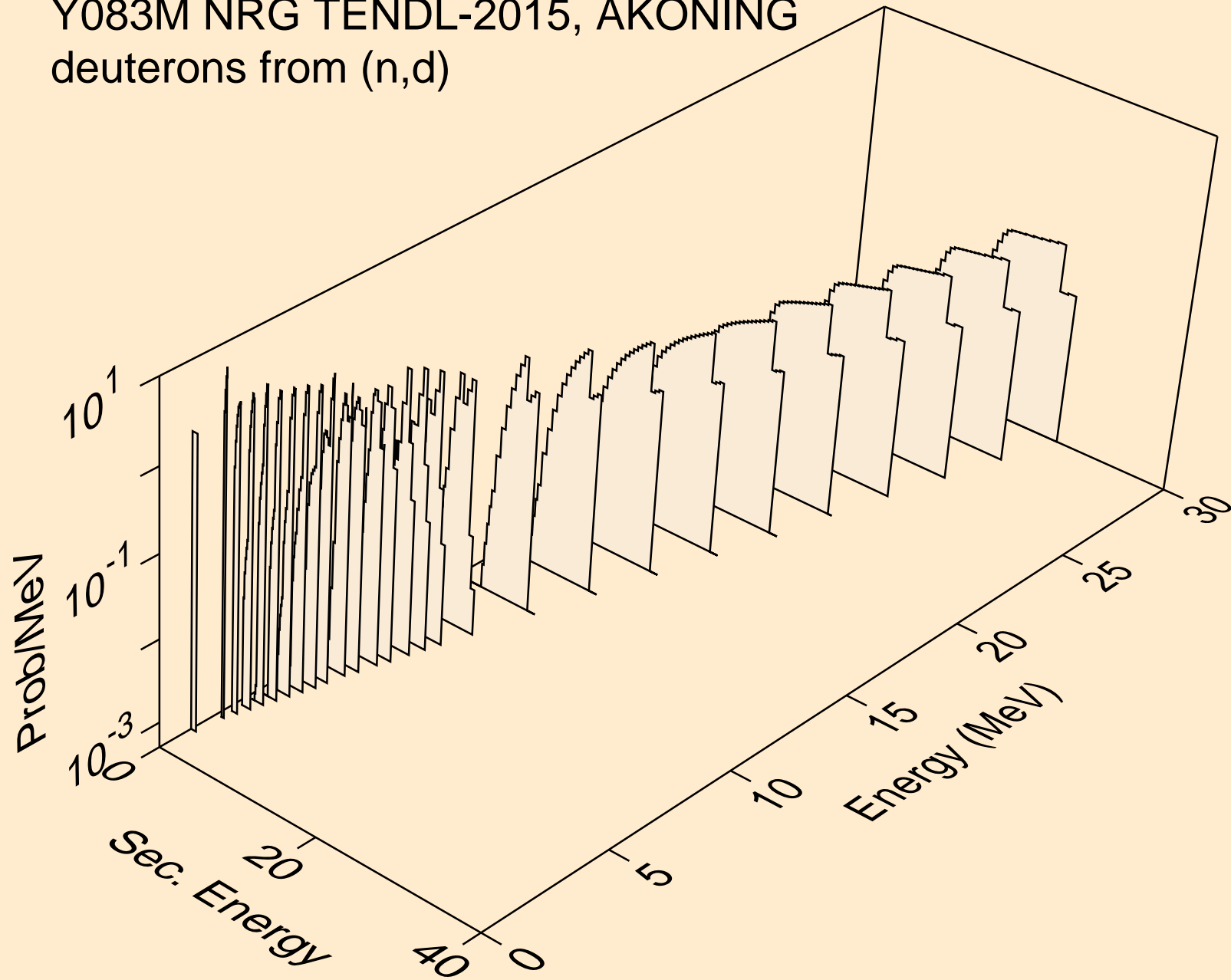
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deuterons from (n,2nd)



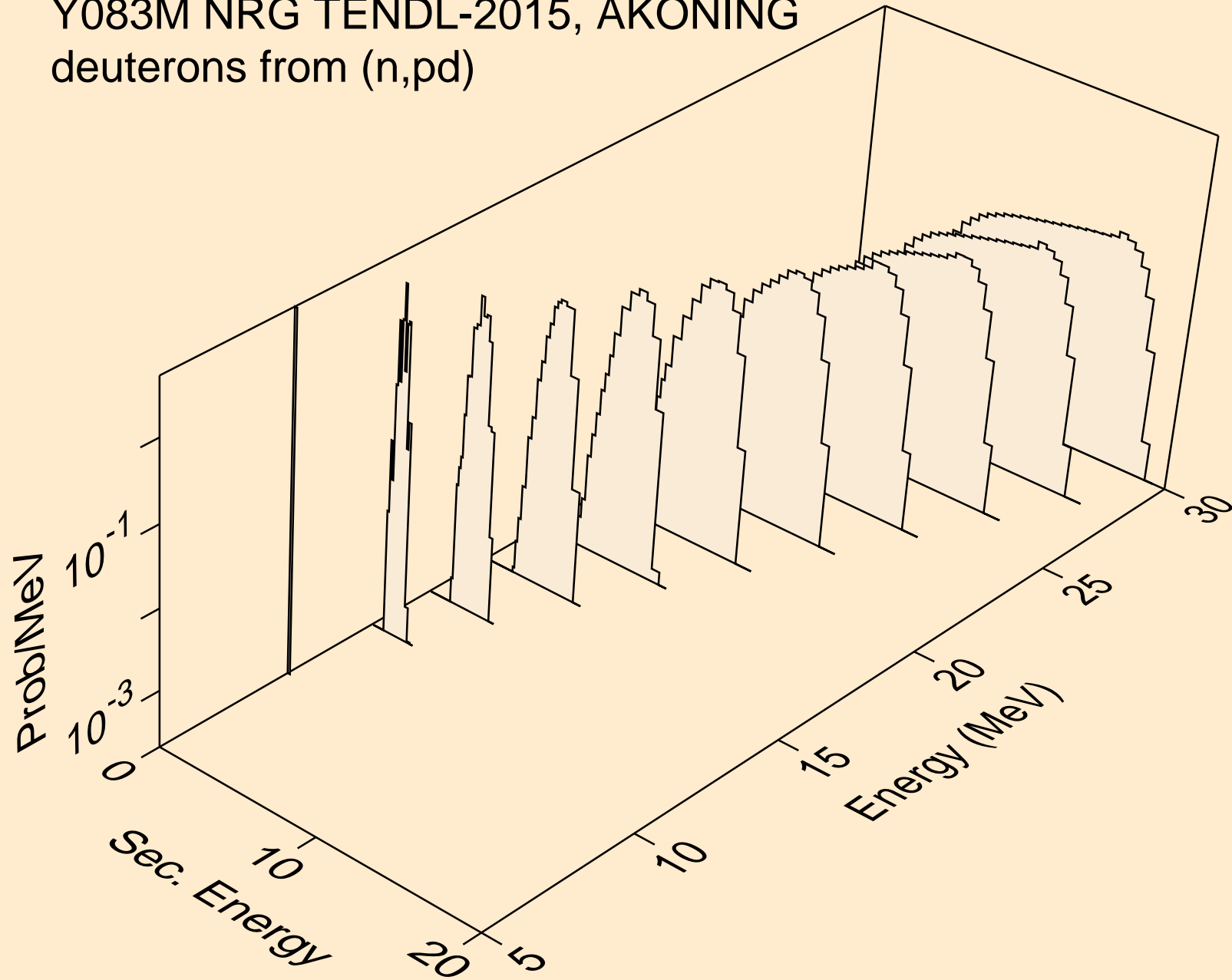
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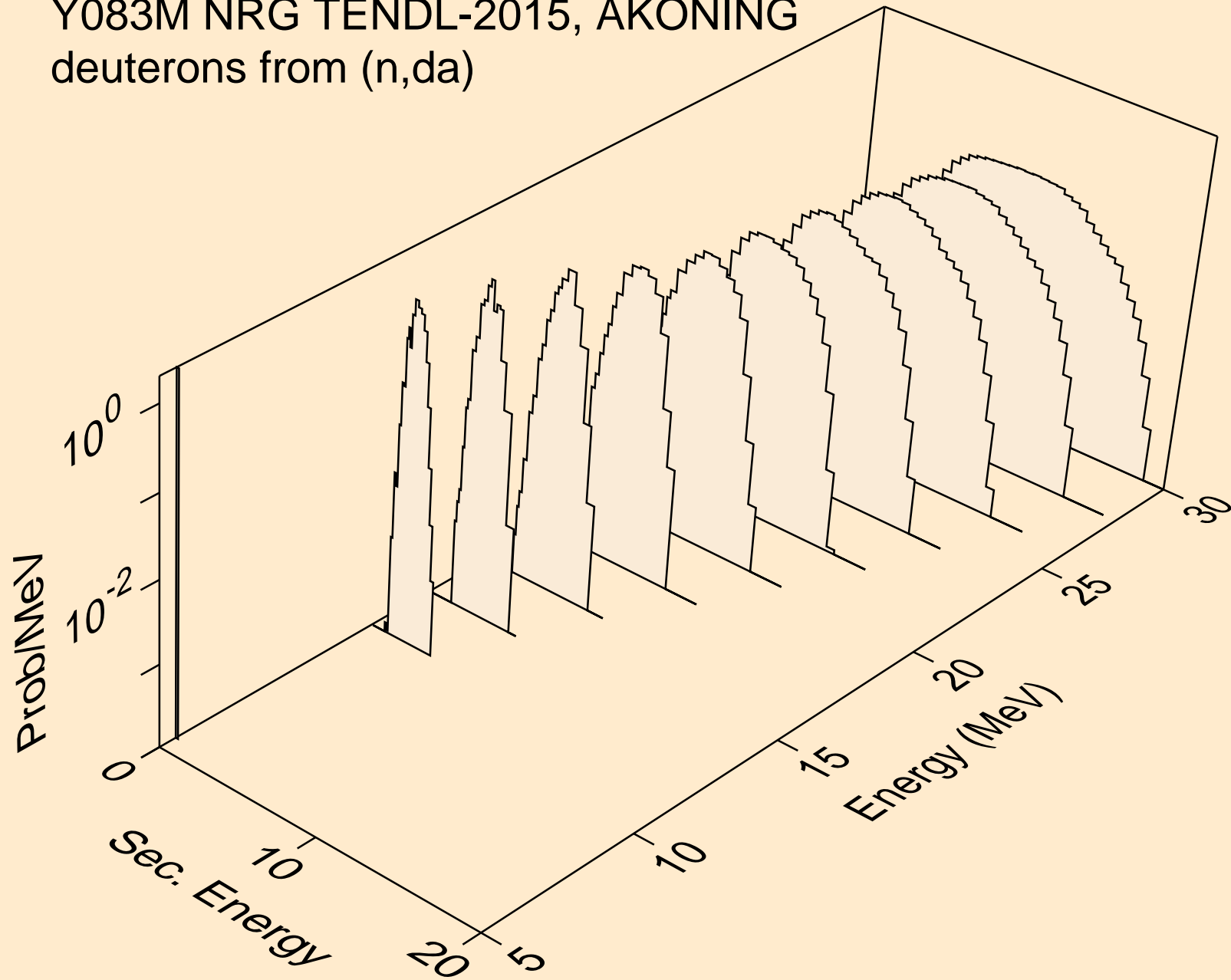
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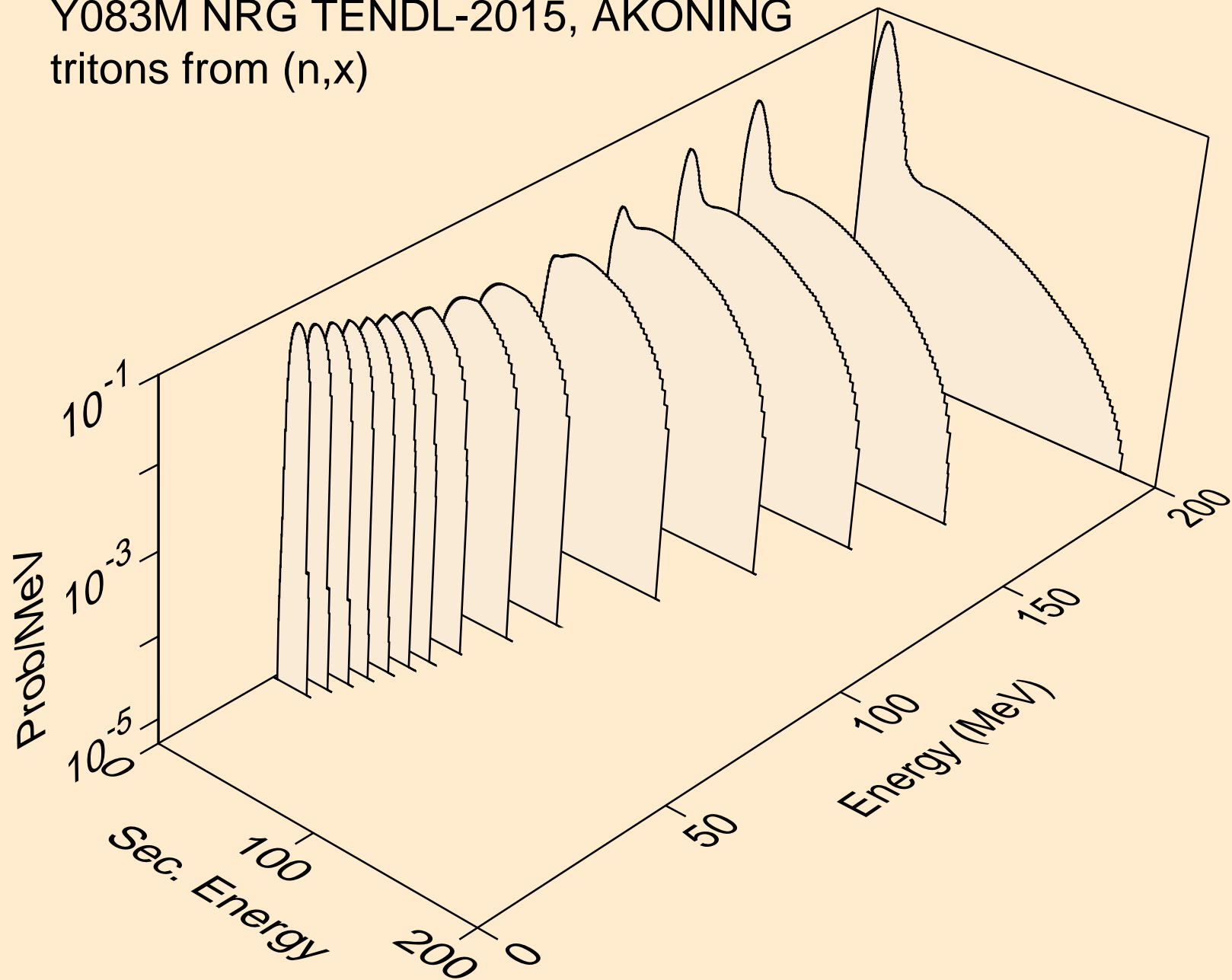
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deuterons from (n,pd)



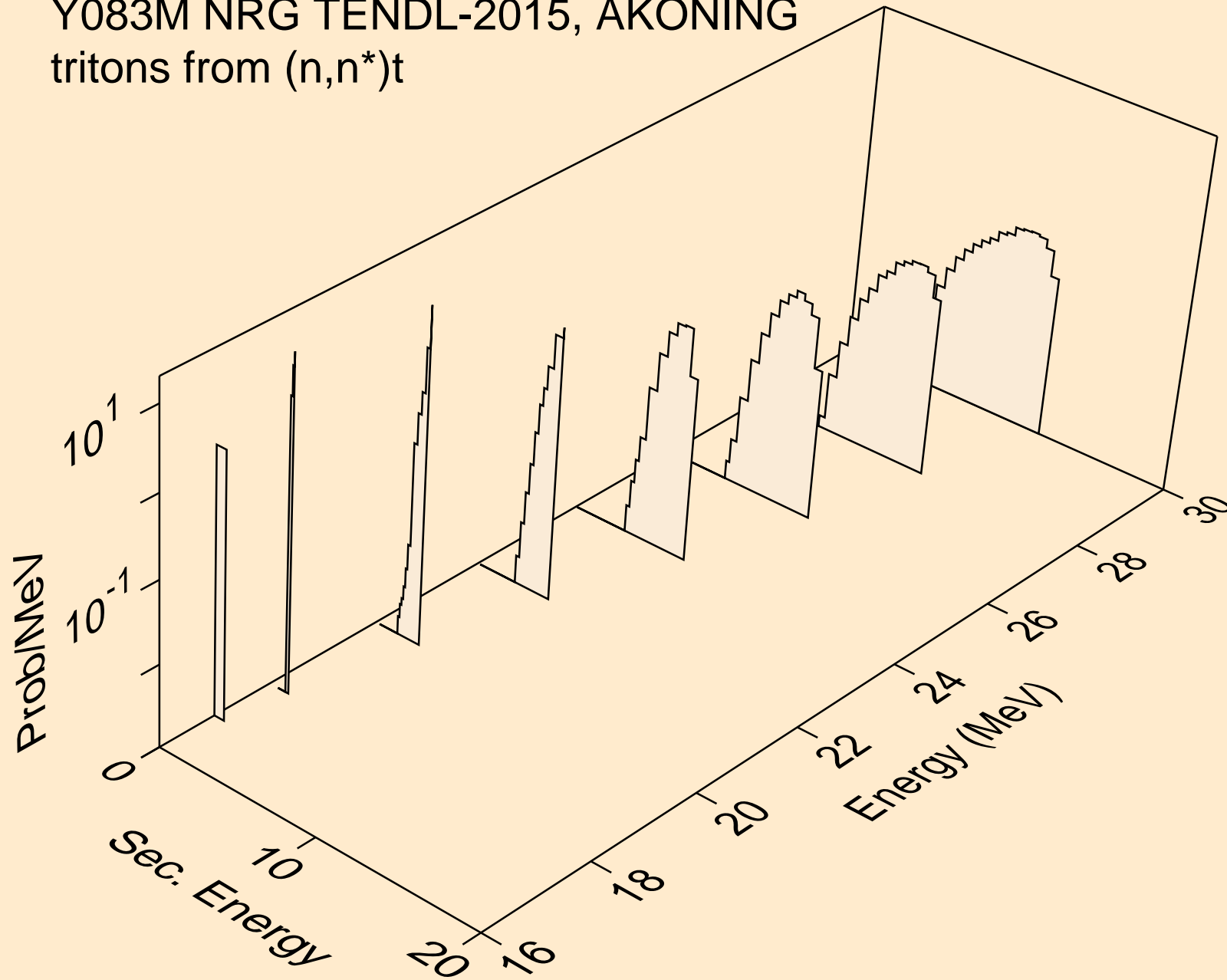
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deuterons from (n,da)



Y083M NRG TENDL-2015, AKONING  
tritons from (n,x)

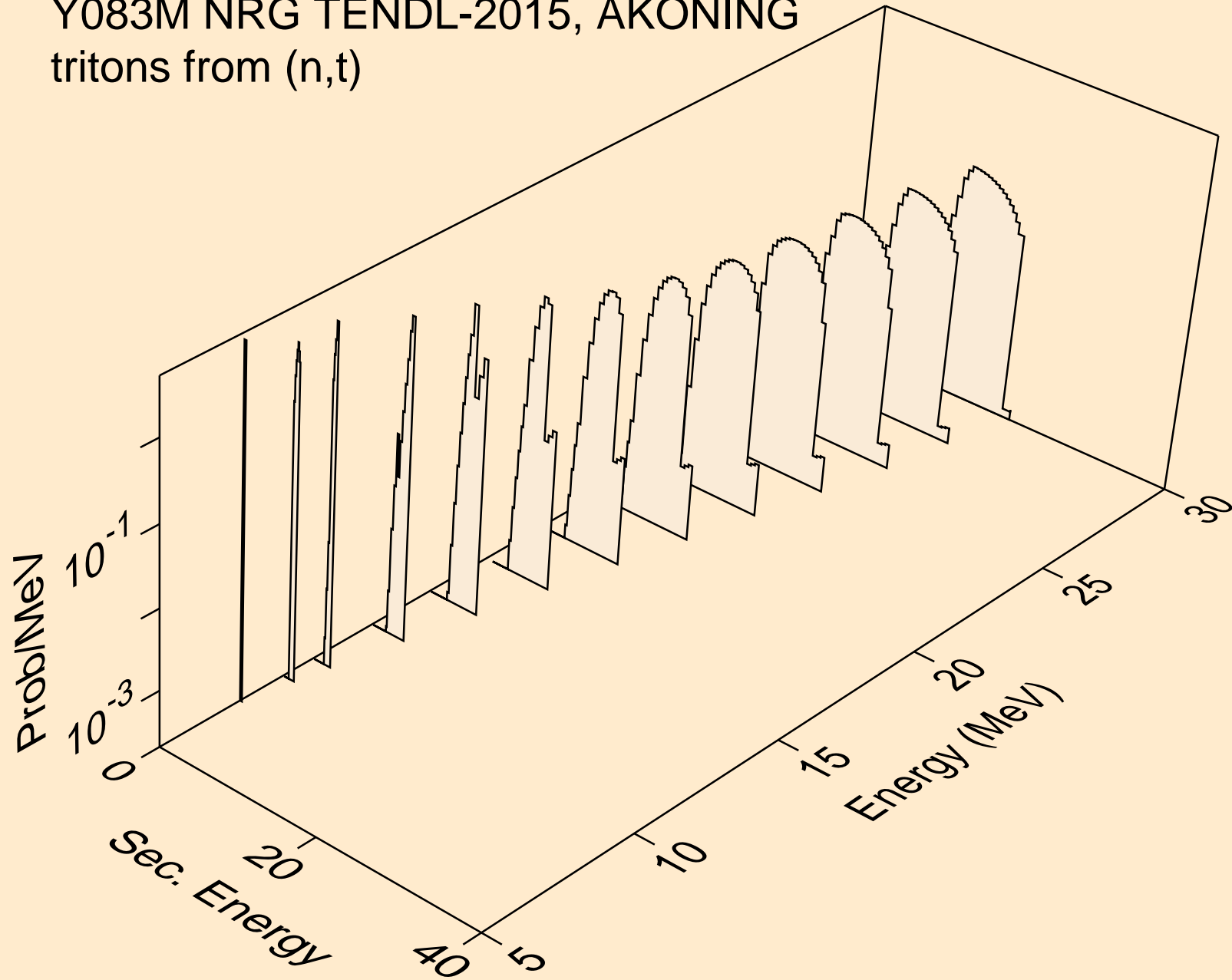


Y083M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

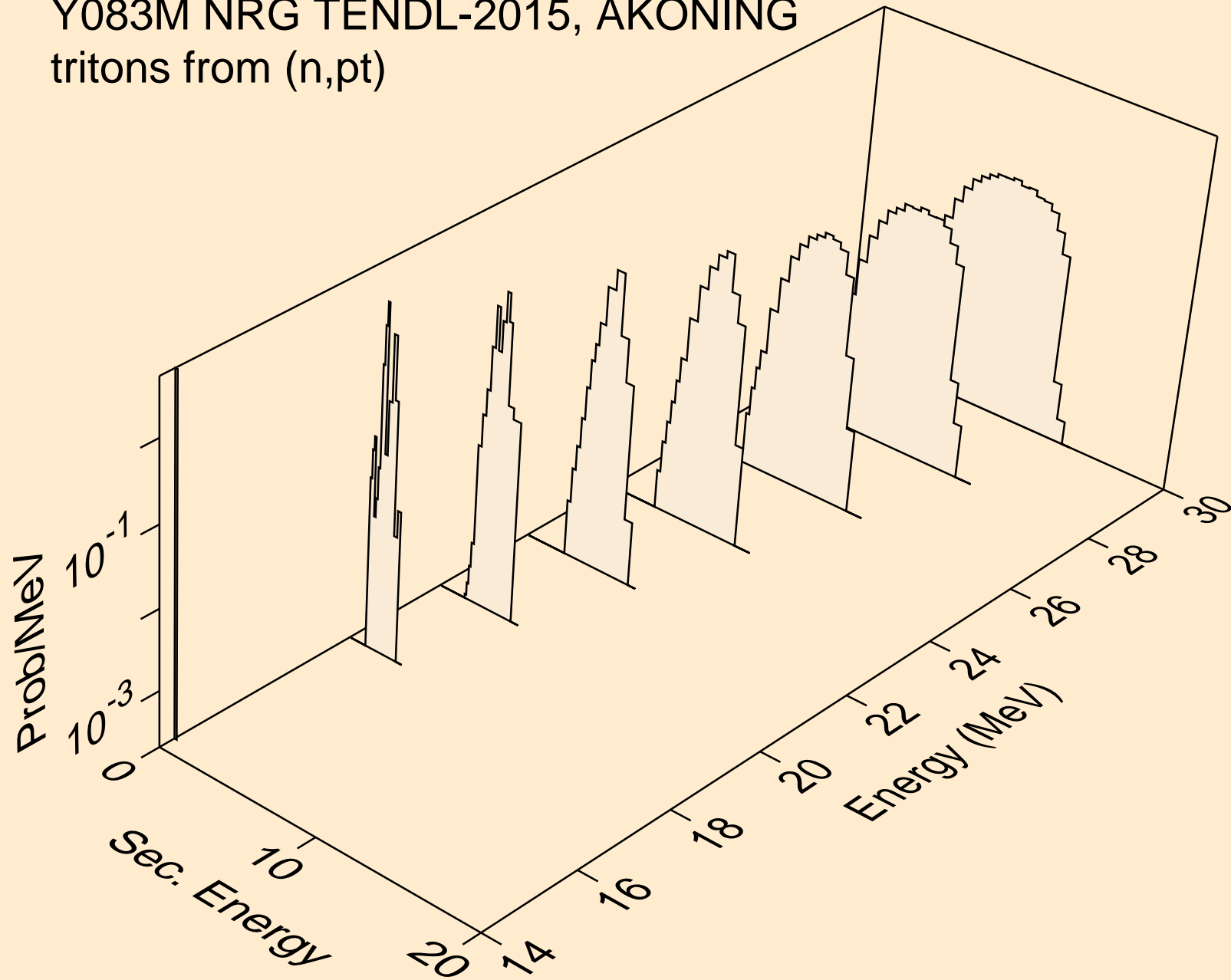




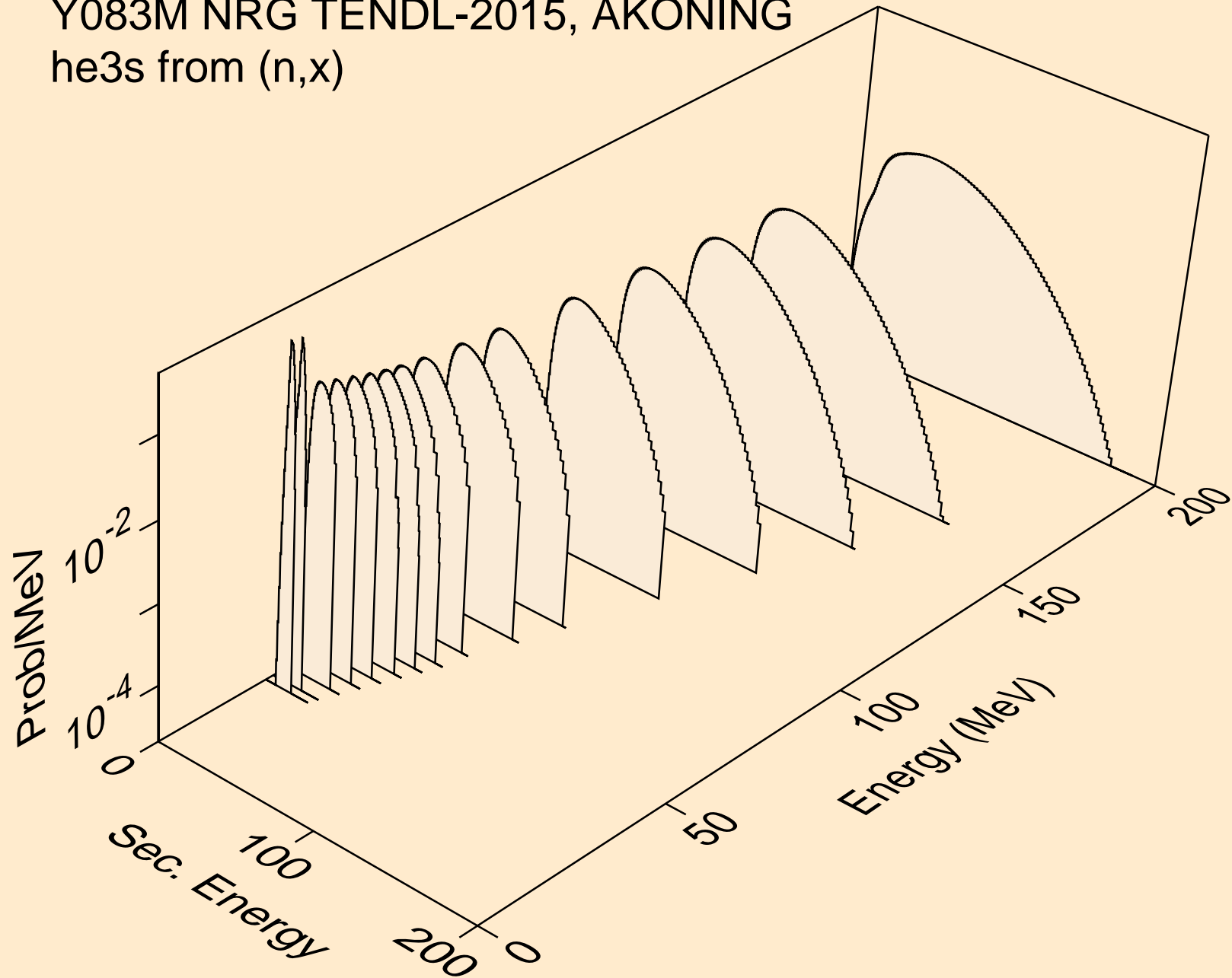
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tritons from (n,t)



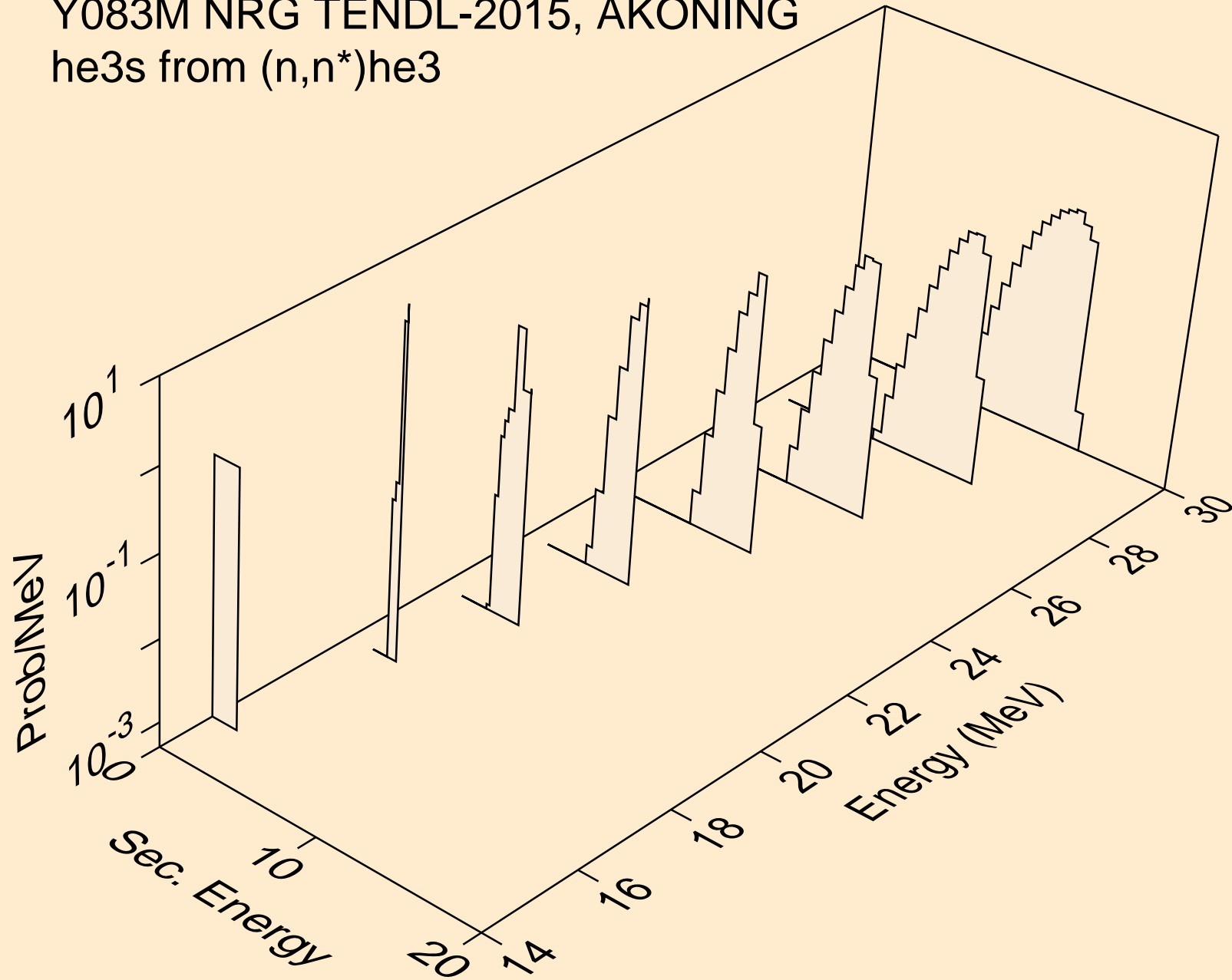
Y083M NRG TENDL-2015, AKONING  
tritons from (n,pt)



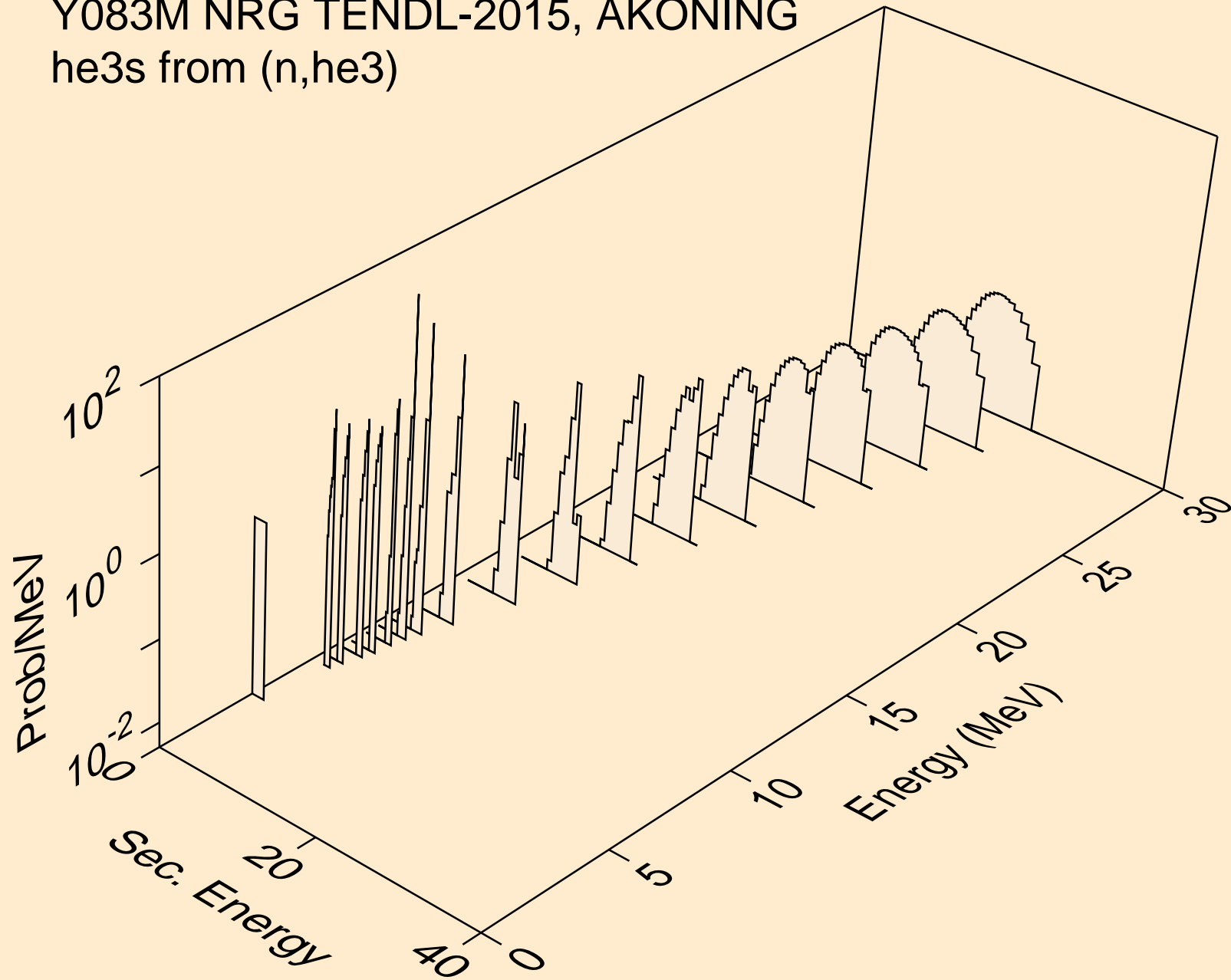
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he3s from (n,x)



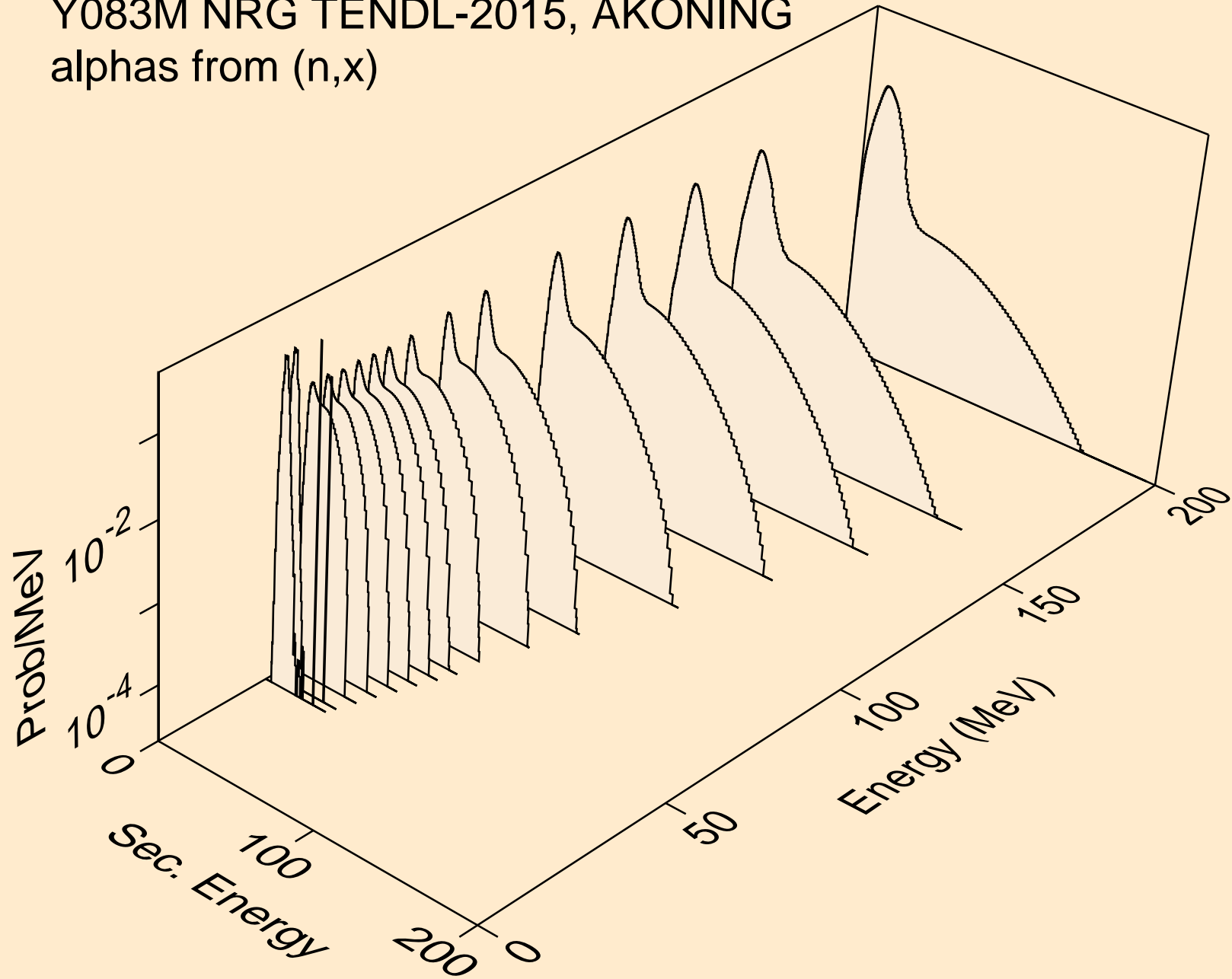
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he3s from (n,n\*)he3



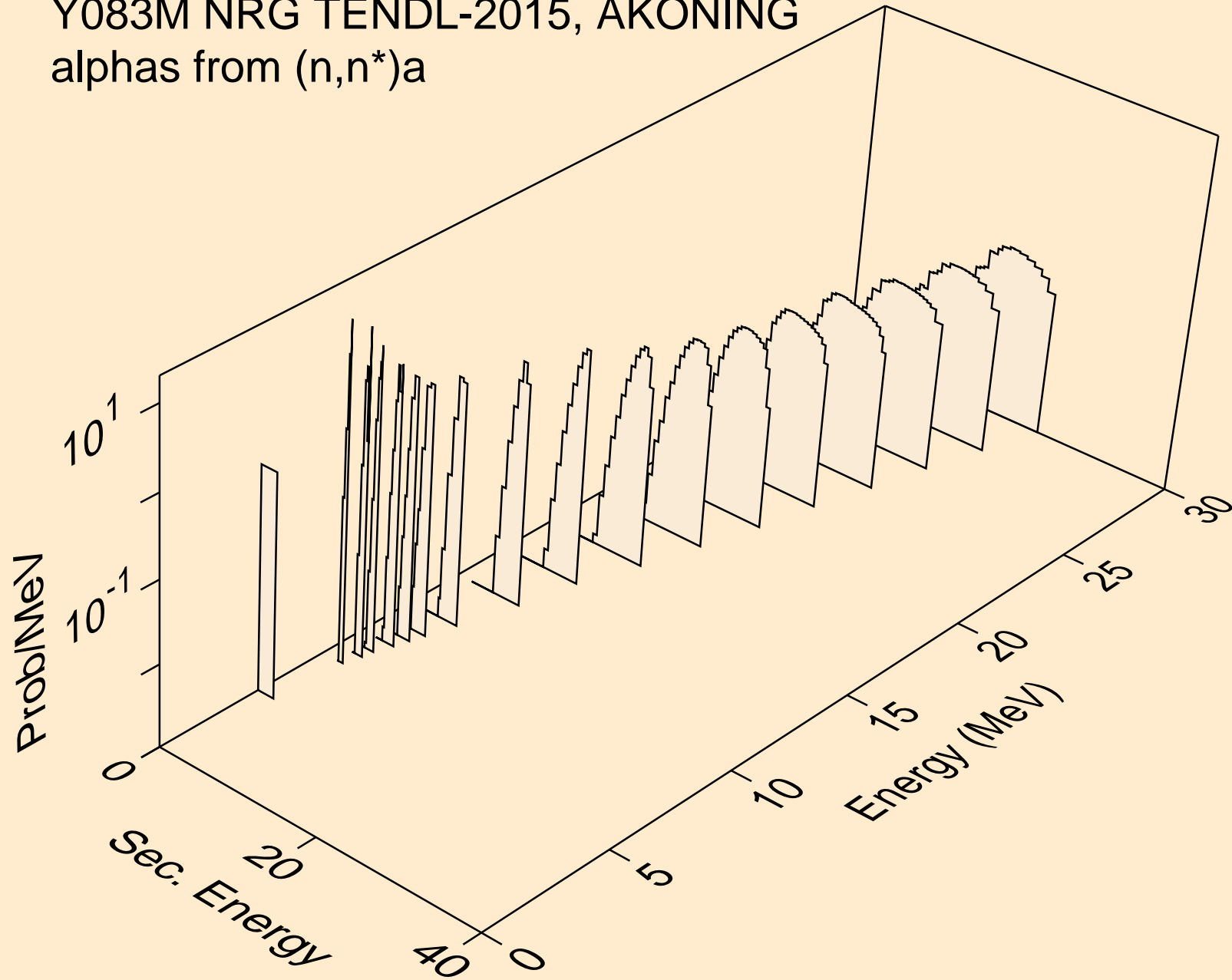
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he3s from (n,he3)



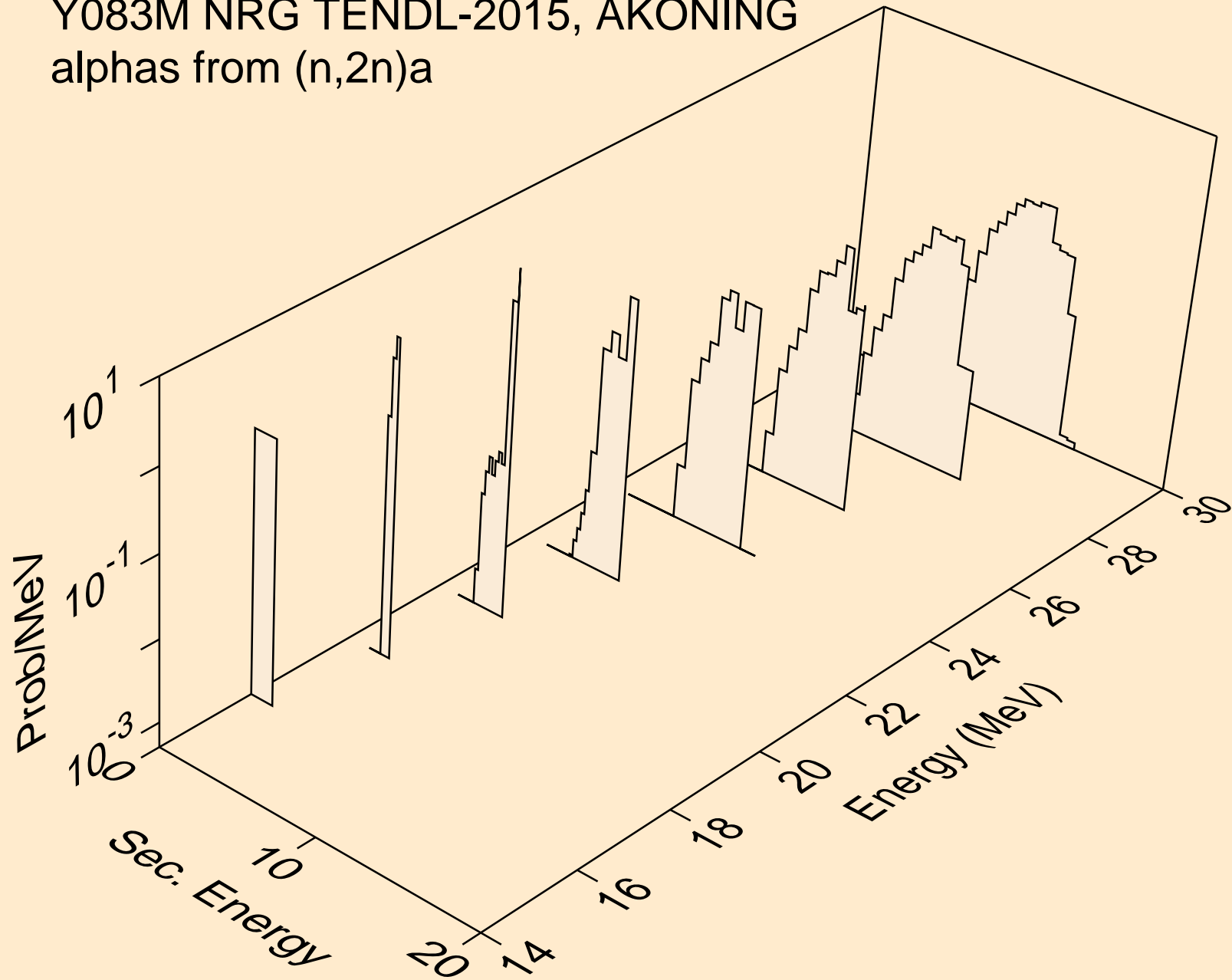
Y083M NRG TENDL-2015, AKONING  
alphas from (n,x)



Y083M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

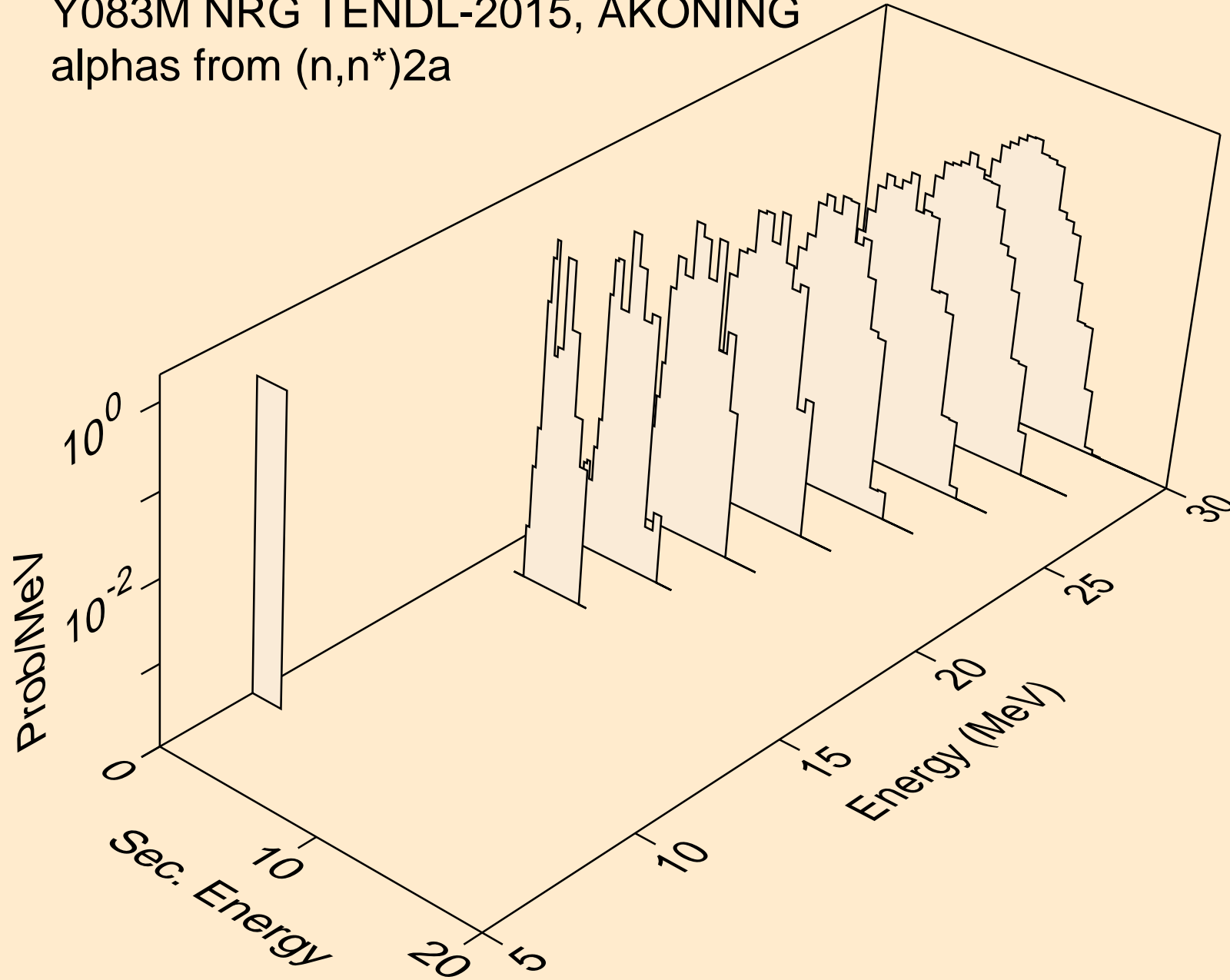


Y083M NRG TENDL-2015, AKONING  
alphas from (n,2n)a

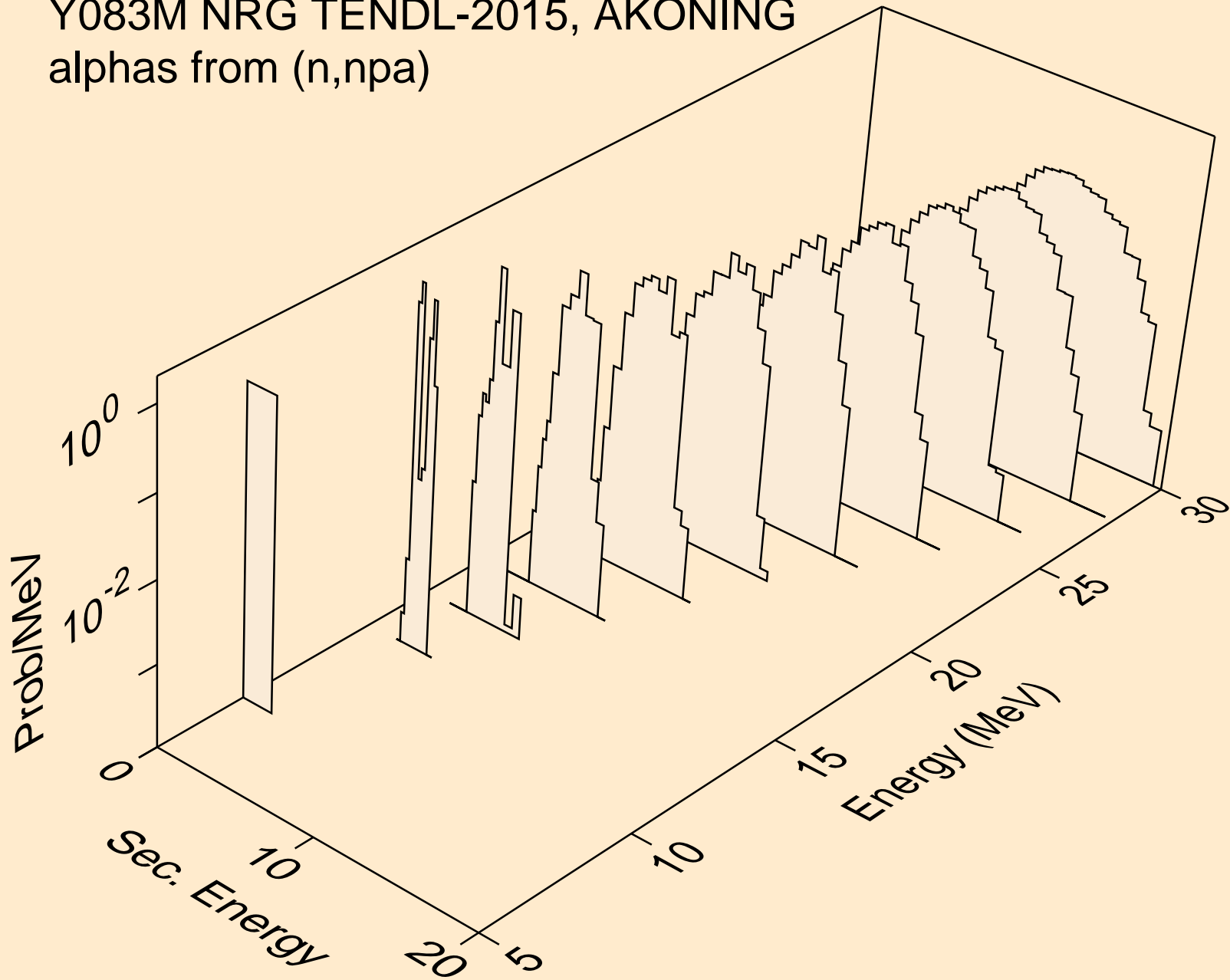




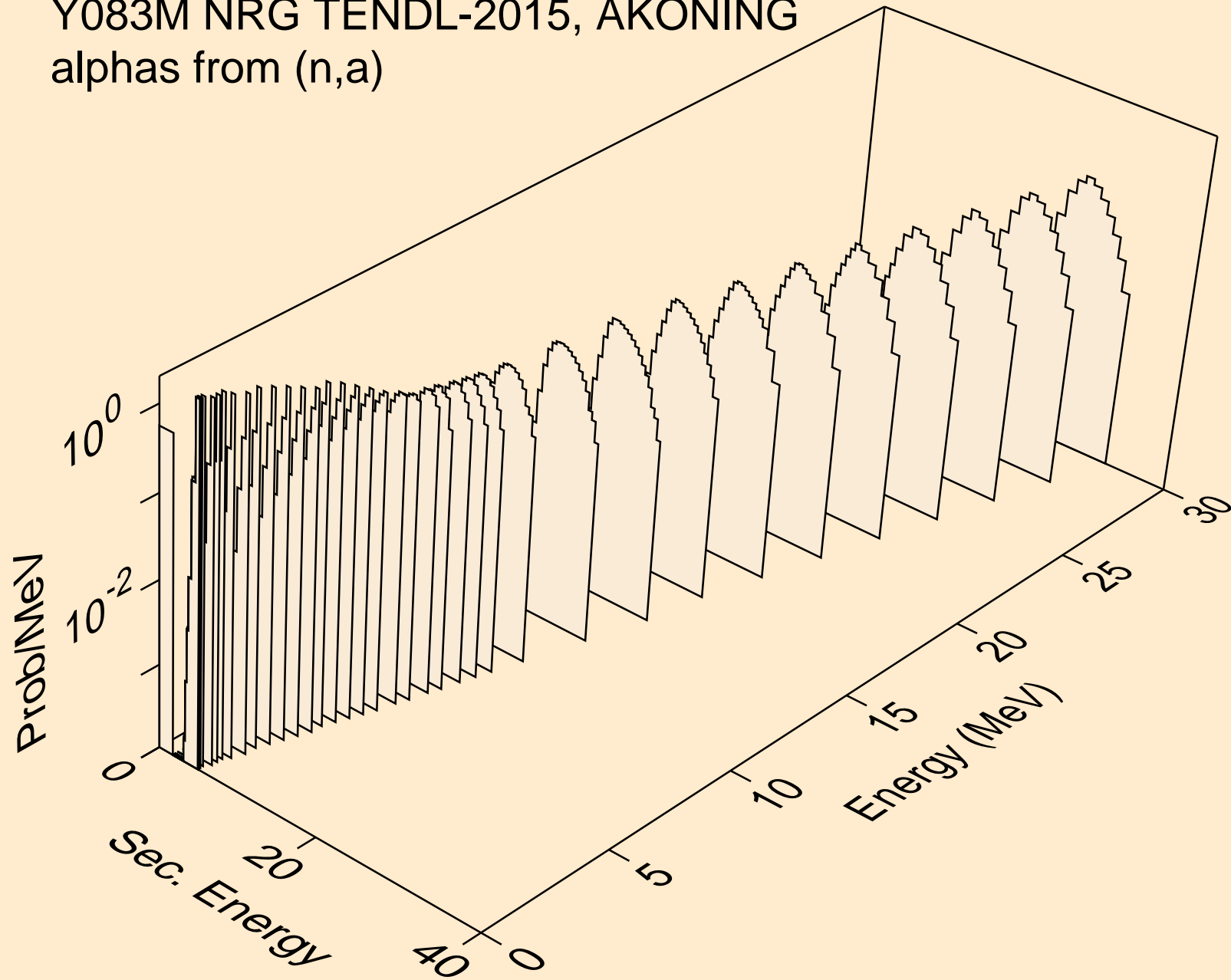
Y083M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



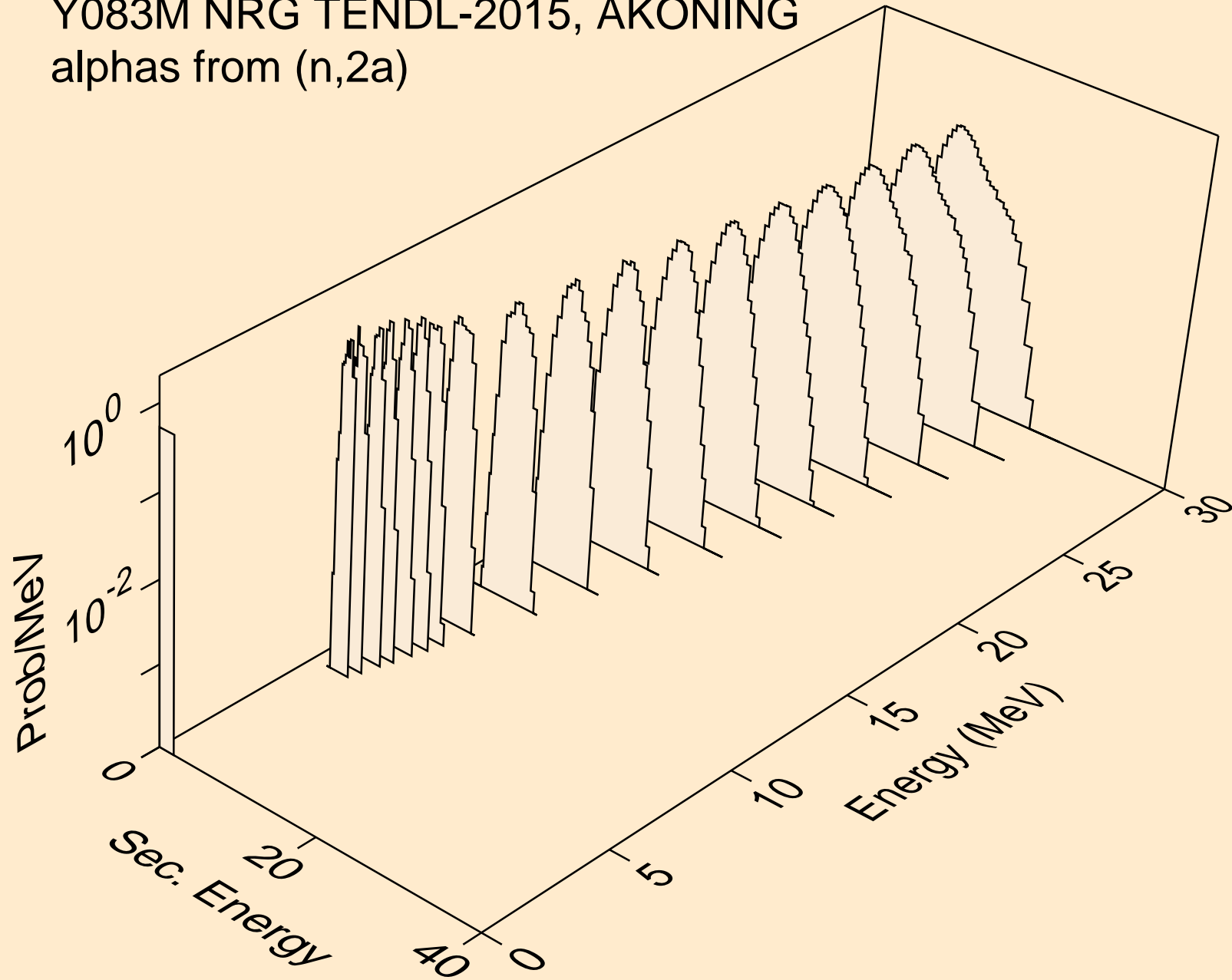
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alphas from (n,npa)



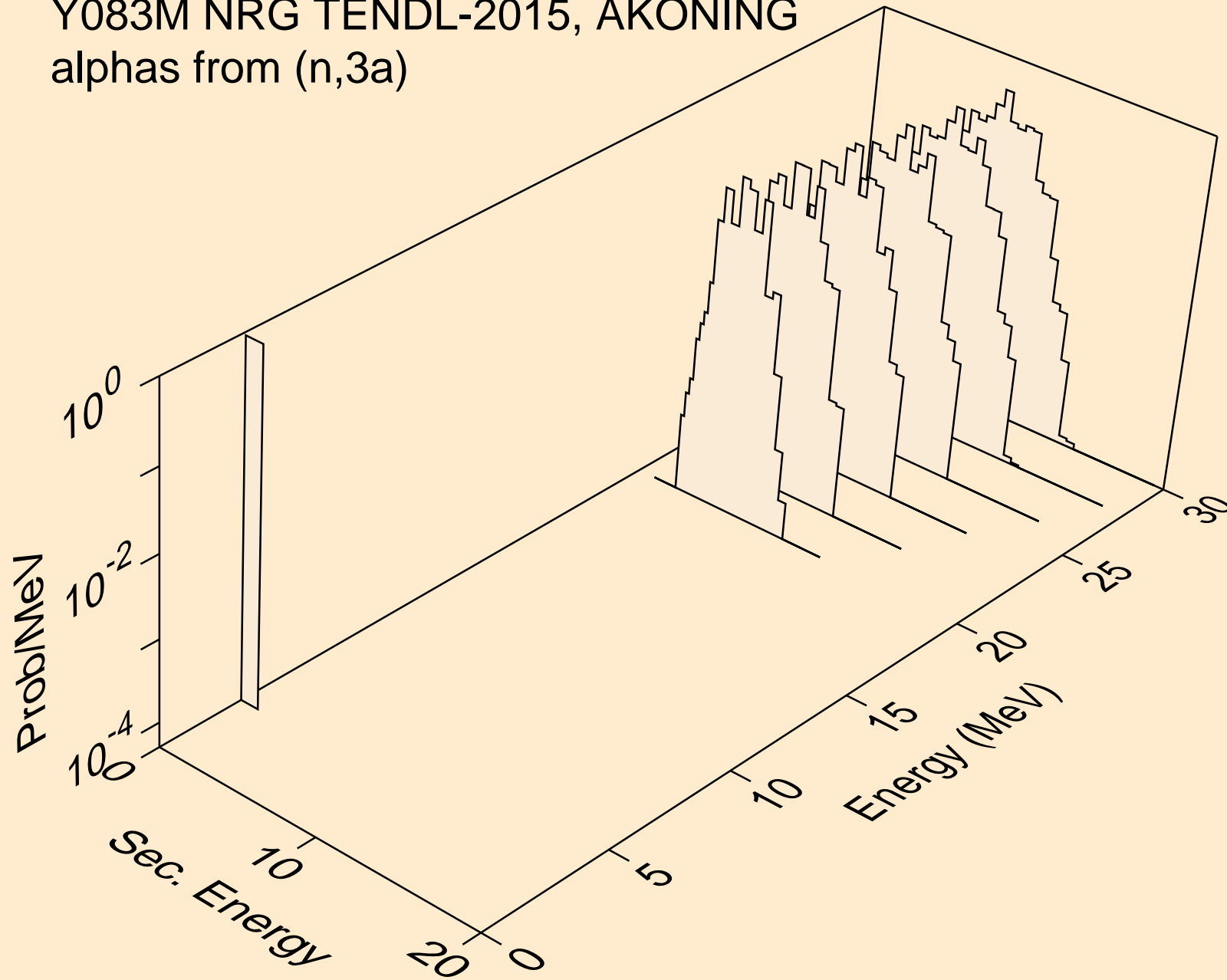
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alphas from (n,a)



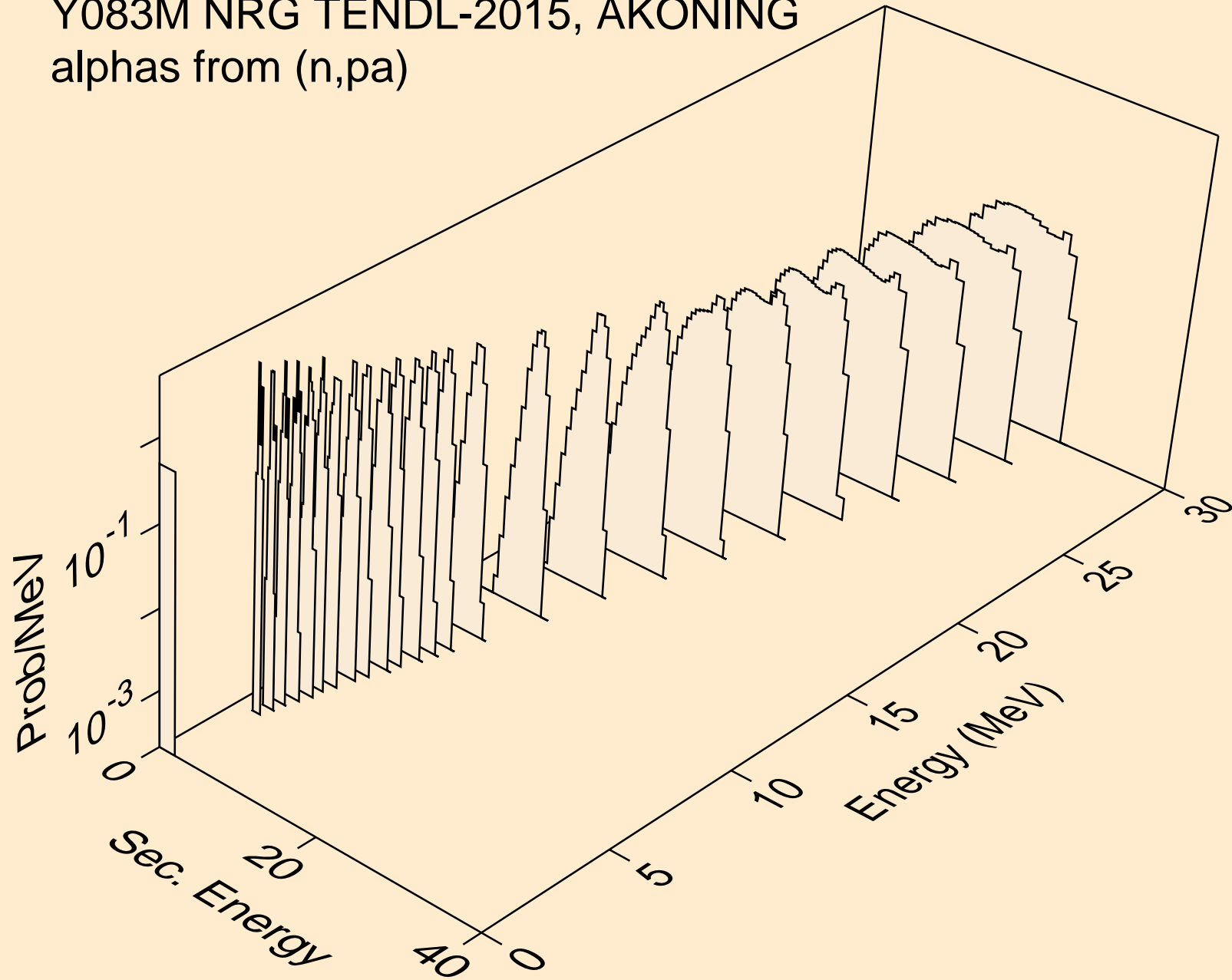
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alphas from (n,2a)



Y083M NRG TENDL-2015, AKONING  
alphas from (n,3a)



Y083M NRG TENDL-2015, AKONING  
alphas from (n,pa)



Y083M NRG TENDL-2015, AKONING  
alphas from (n,da)

