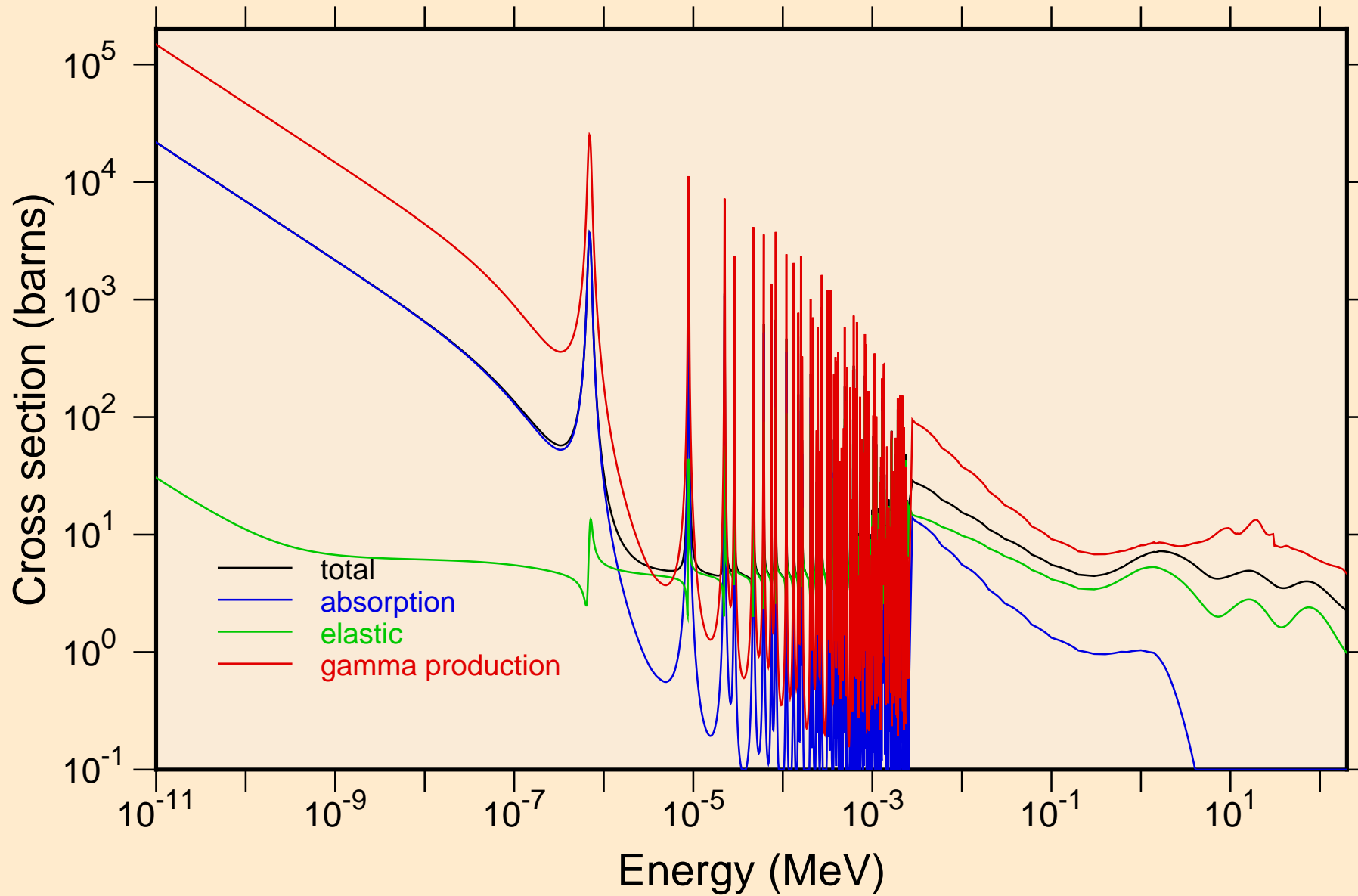
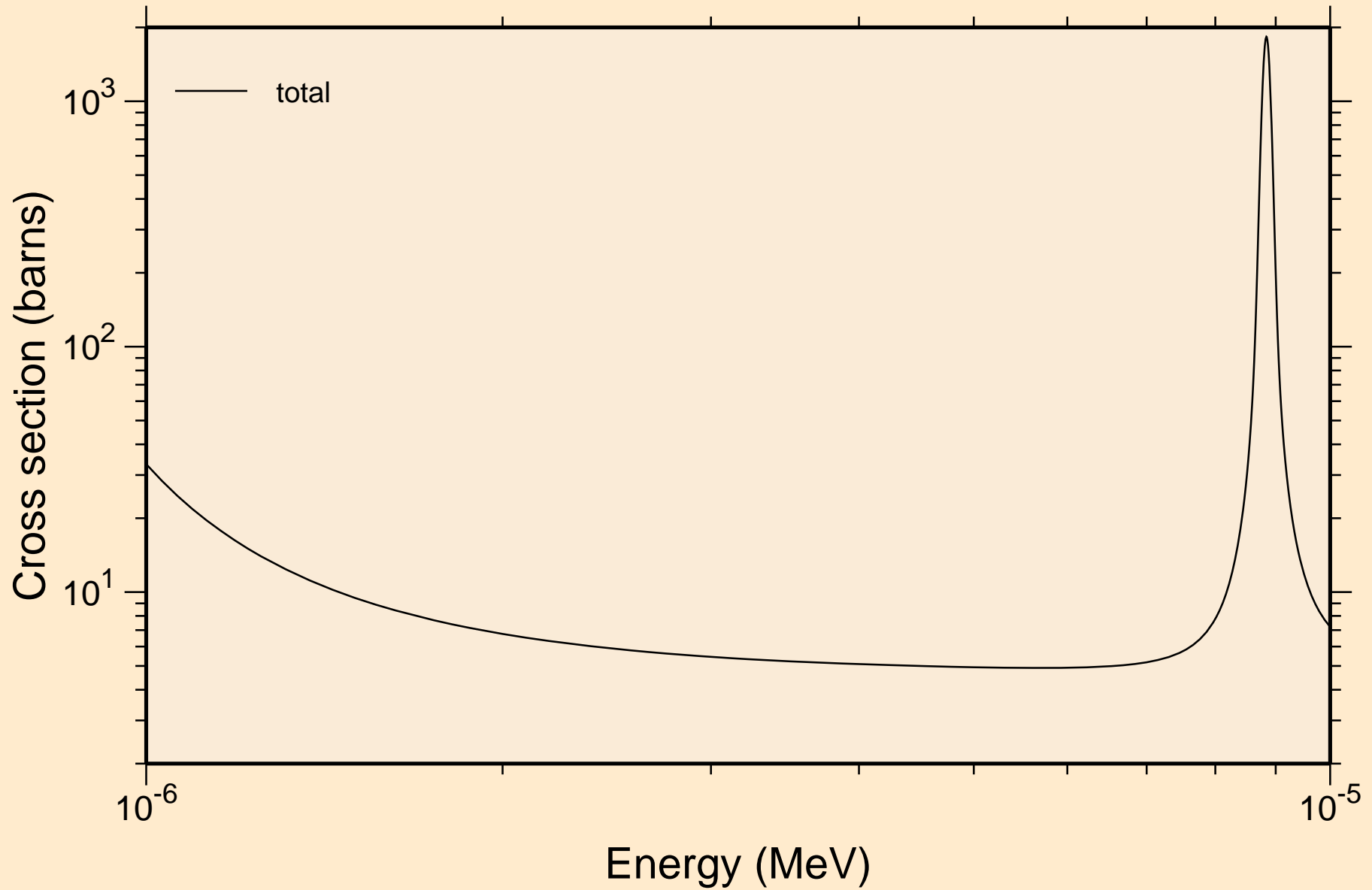


# ND141M NRG TENDL-2015, AKONING

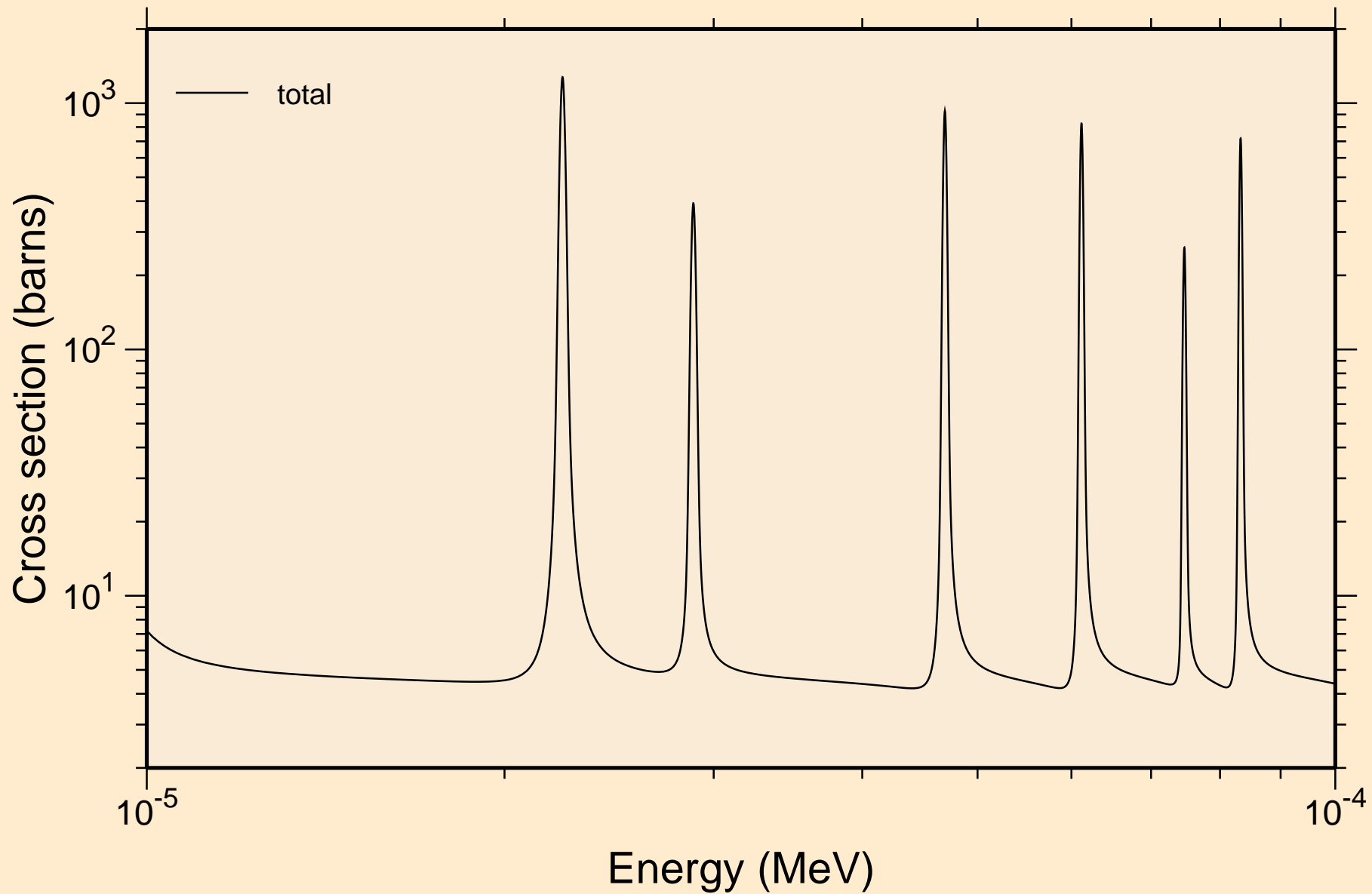
## Principal cross sections



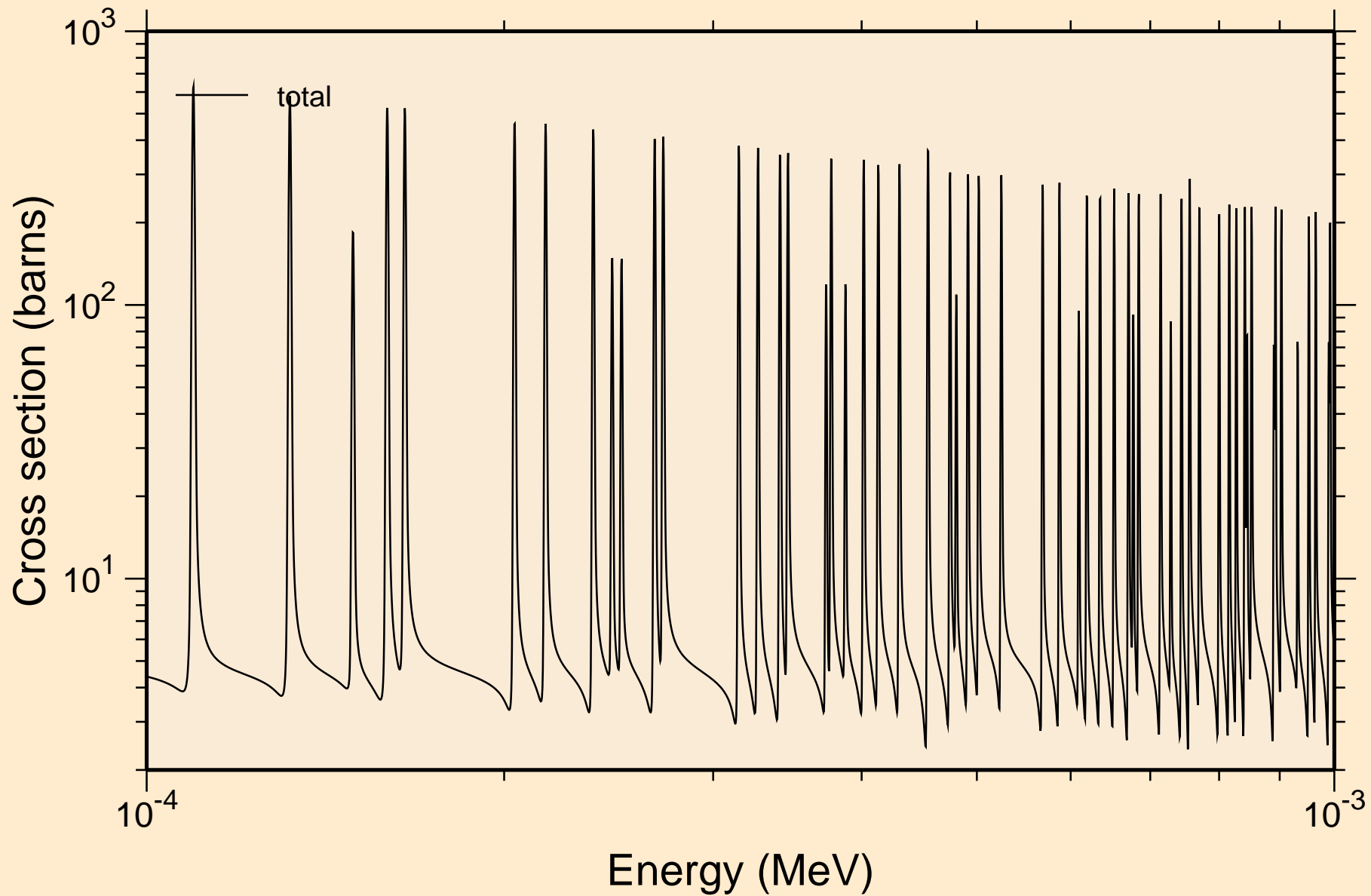
ND141M NRG TENDL-2015, AKONING  
resonance total cross section



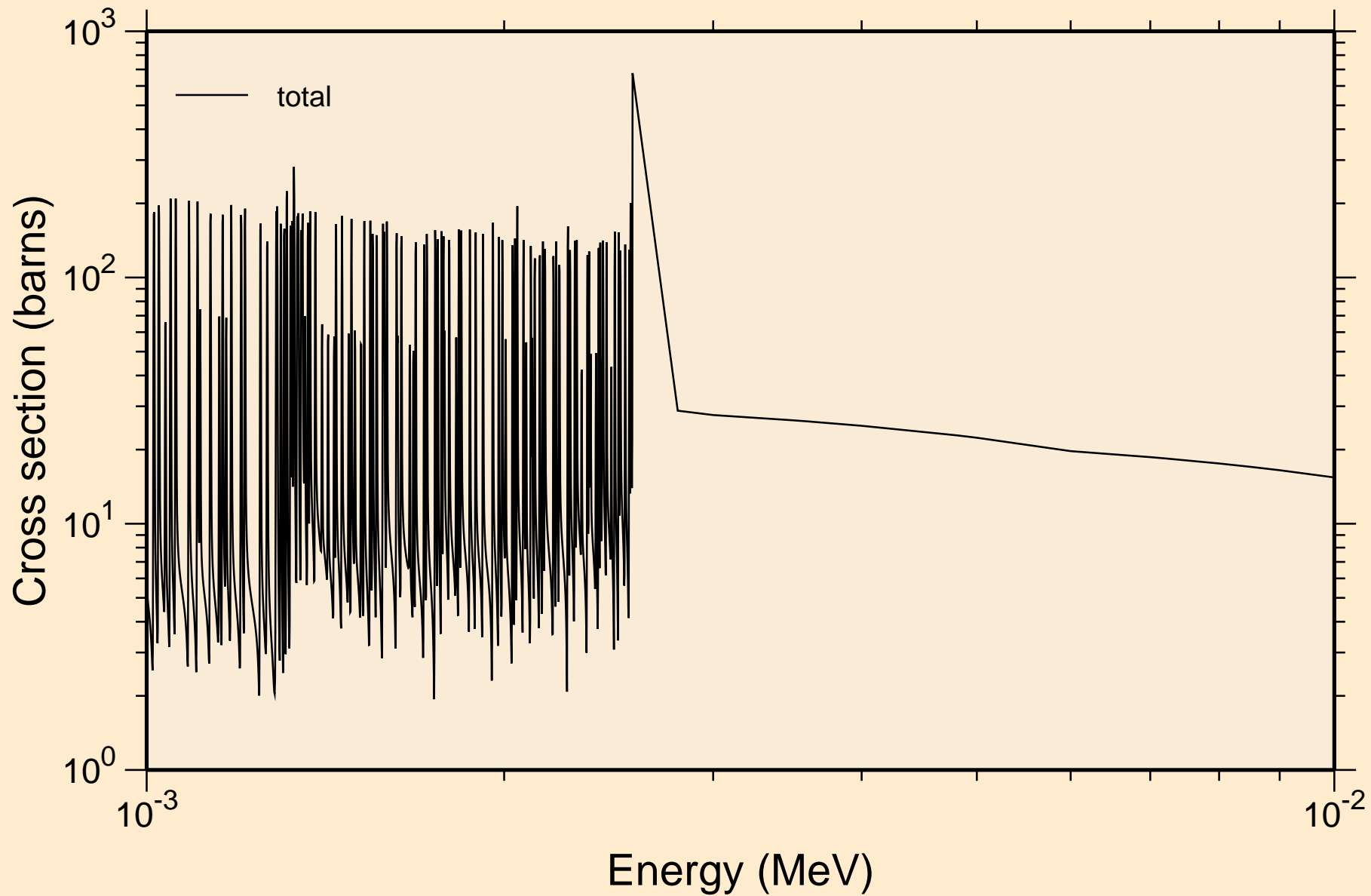
ND141M NRG TENDL-2015, AKONING  
resonance total cross section



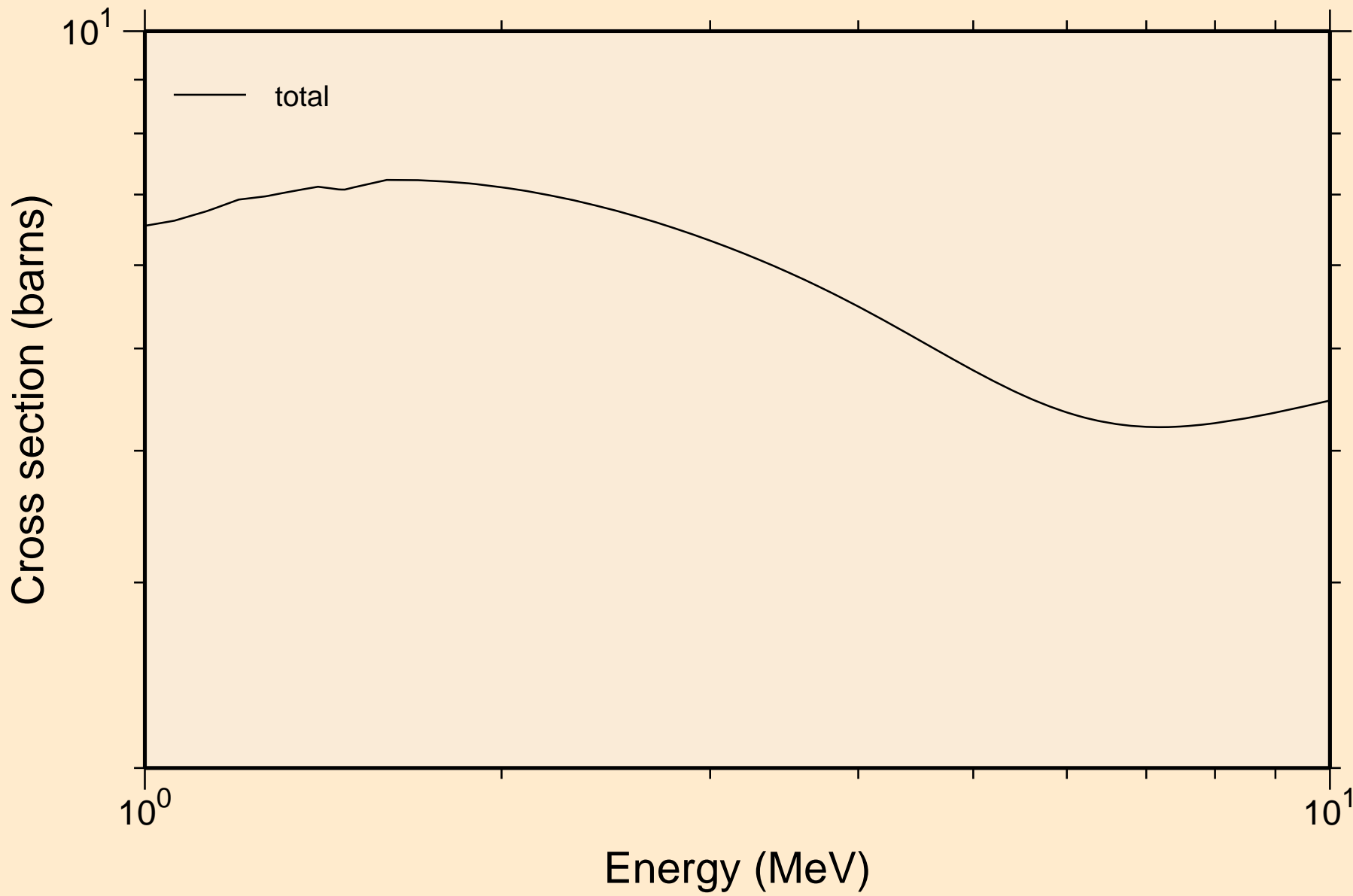
ND141M NRG TENDL-2015, AKONING  
resonance total cross section



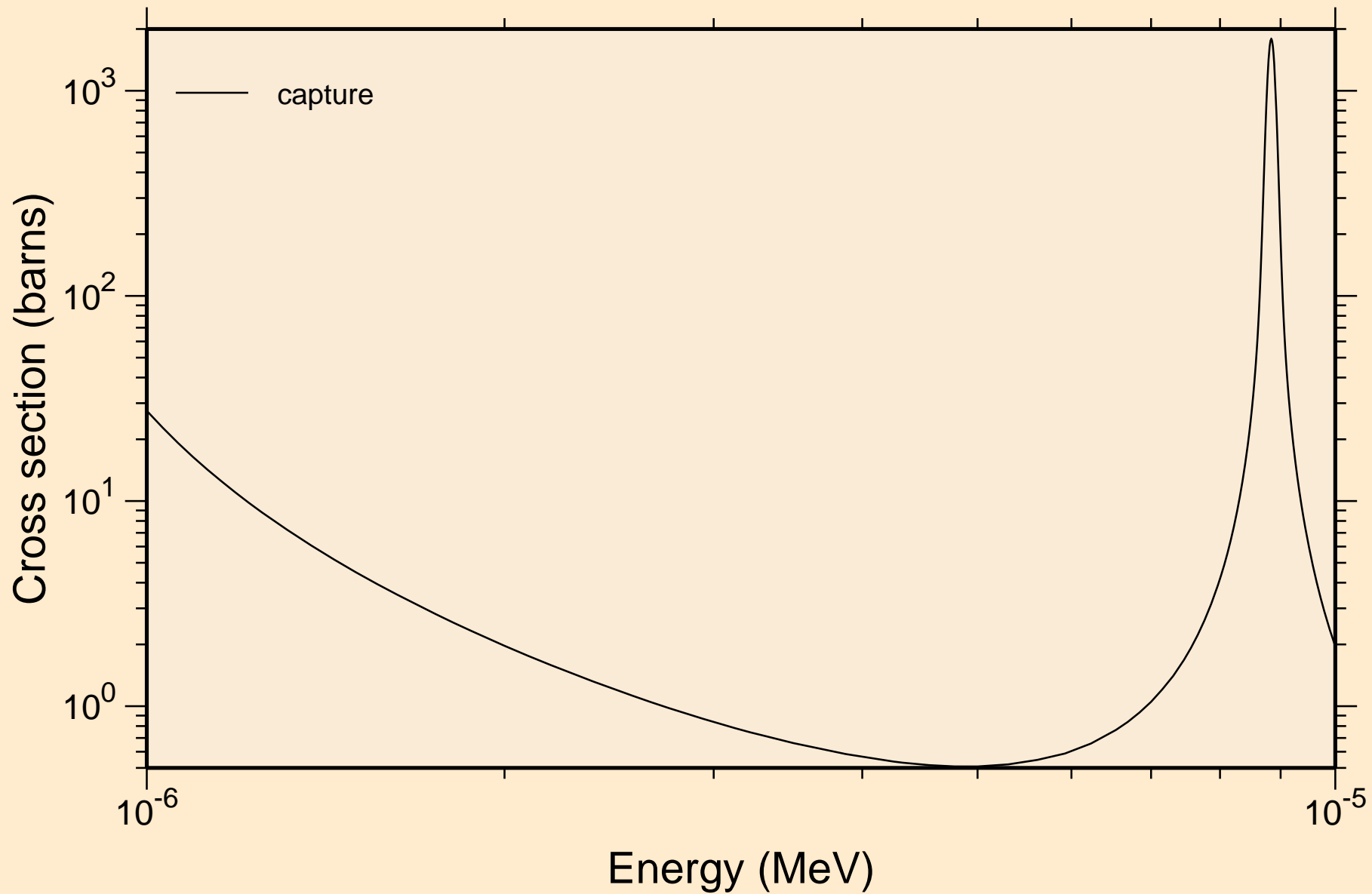
ND141M NRG TENDL-2015, AKONING  
resonance total cross section



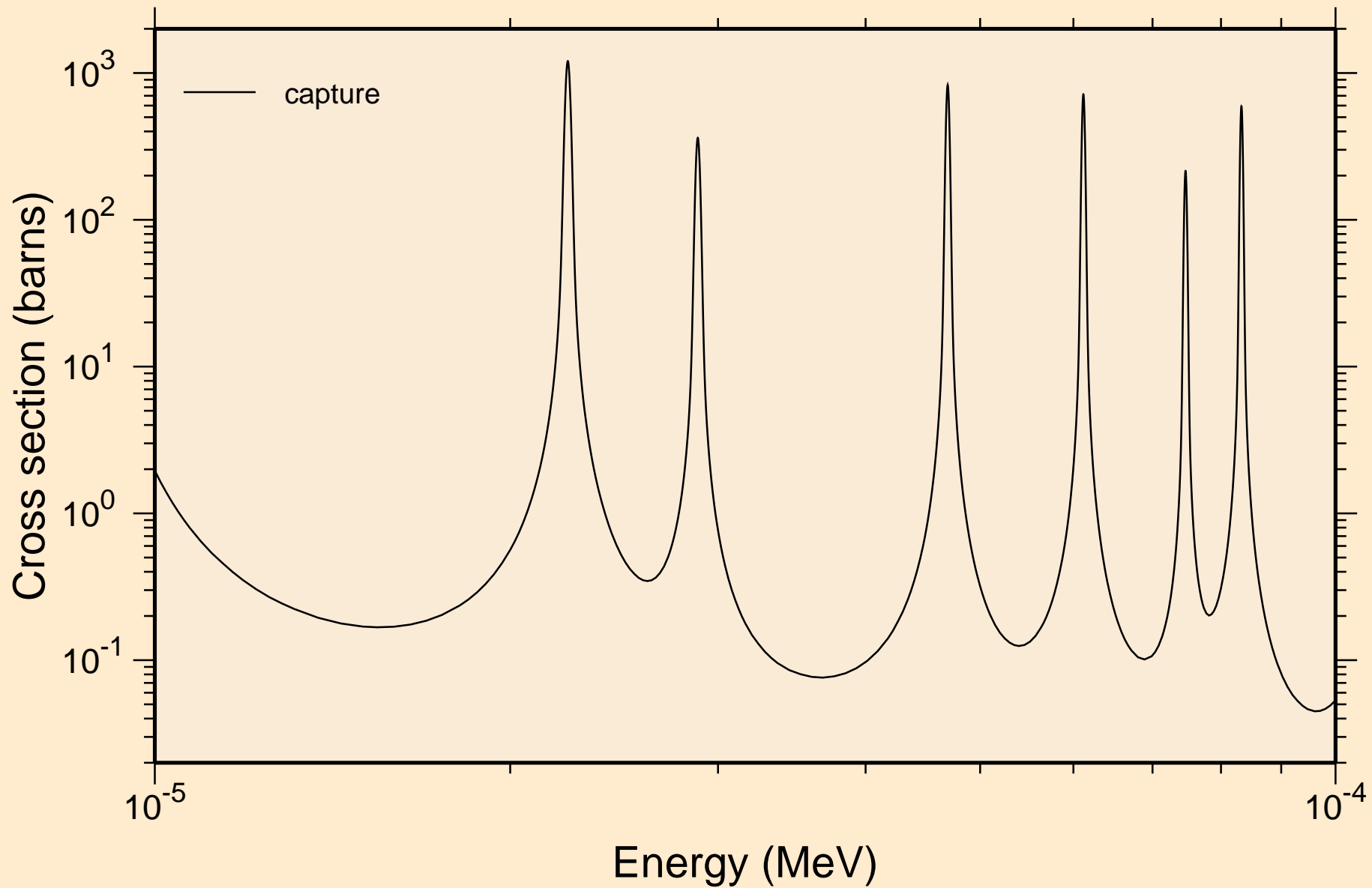
ND141M NRG TENDL-2015, AKONING  
resonance total cross section



ND141M NRG TENDL-2015, AKONING  
resonance absorption cross sections

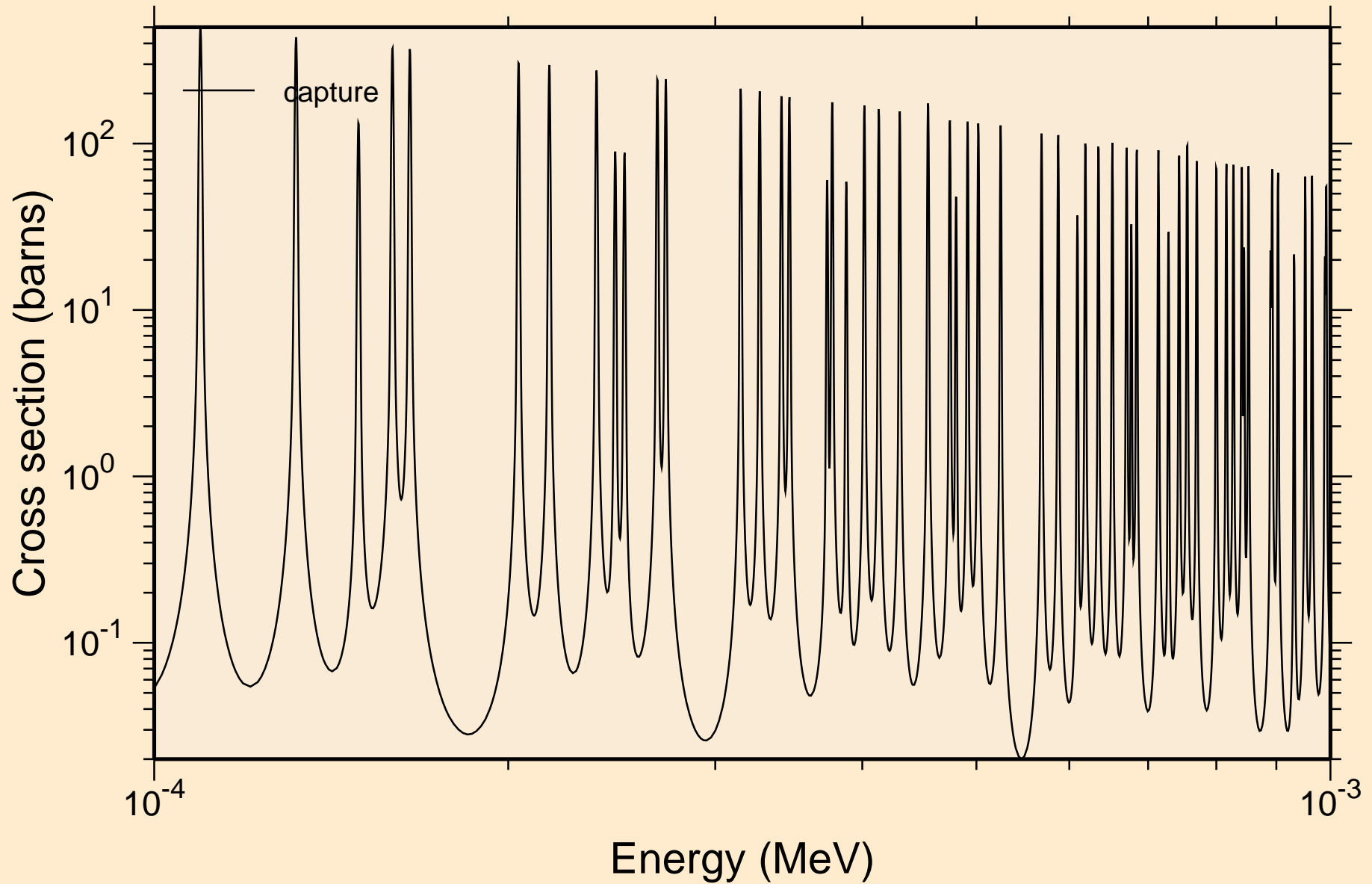


ND141M NRG TENDL-2015, AKONING  
resonance absorption cross sections

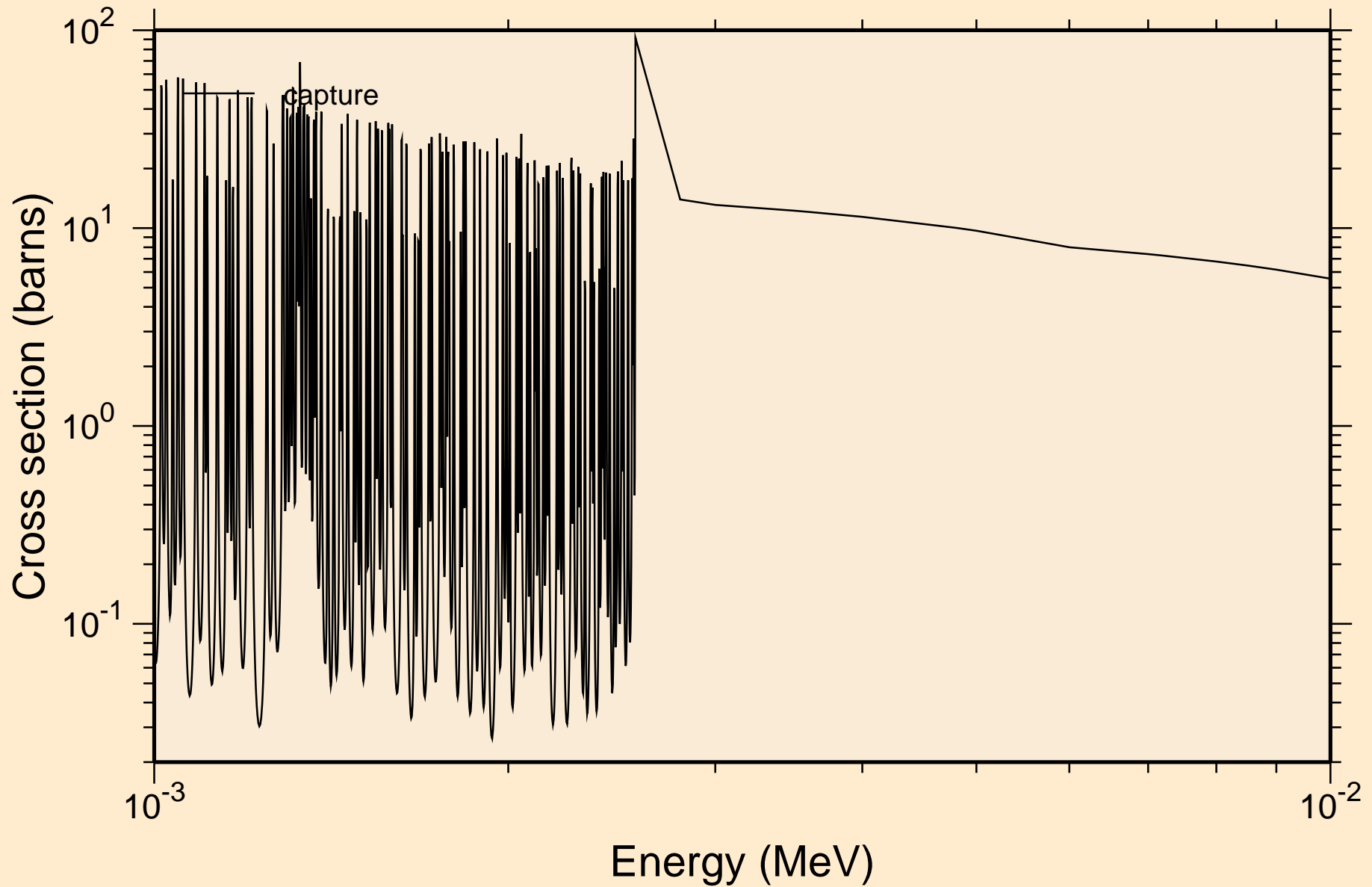




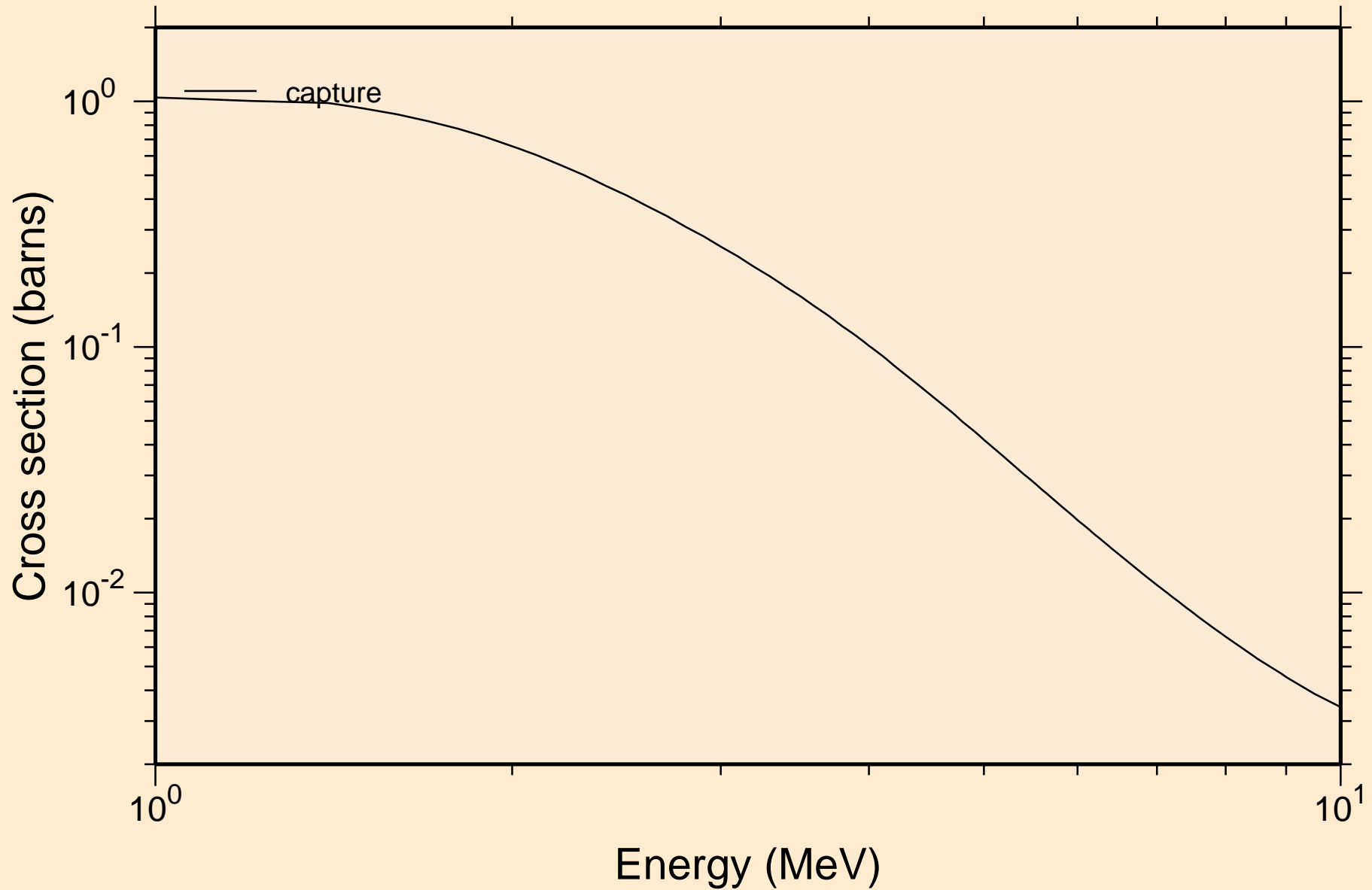
# ND141M NRG TENDL-2015, AKONING resonance absorption cross sections



ND141M NRG TENDL-2015, AKONING  
resonance absorption cross sections

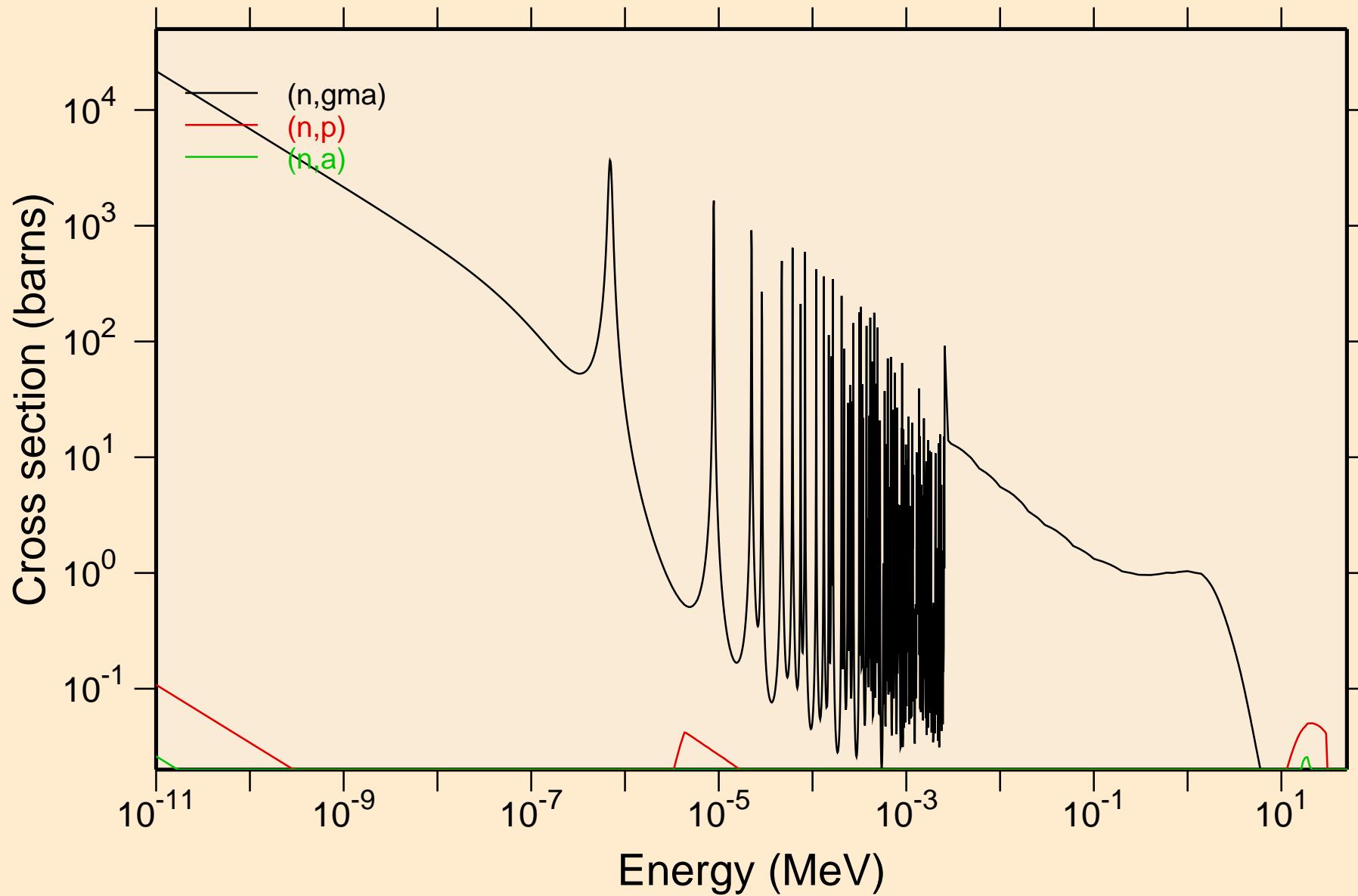


ND141M NRG TENDL-2015, AKONING  
resonance absorption cross sections



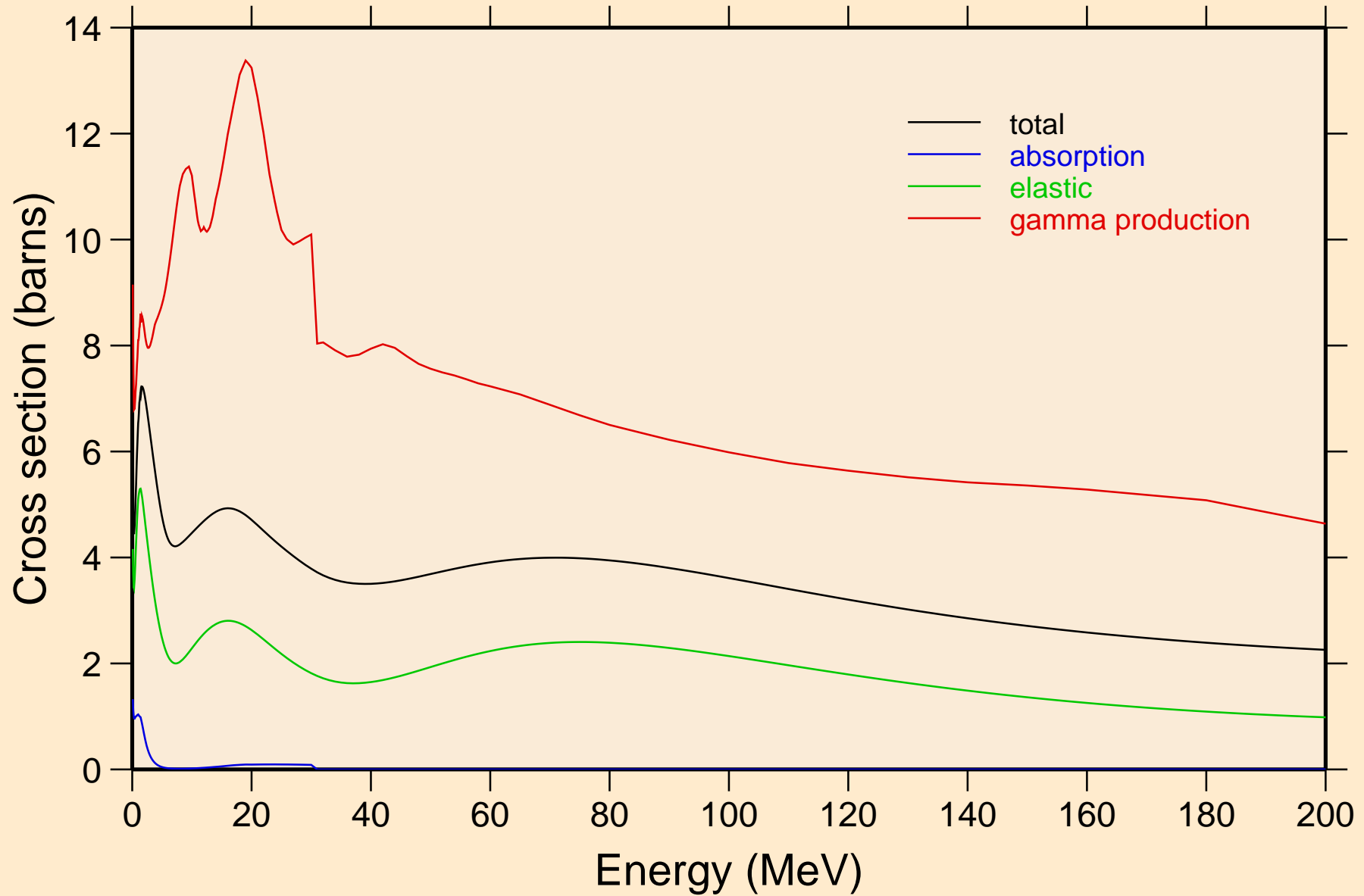
# ND141M NRG TENDL-2015, AKONING

## Non-threshold reactions



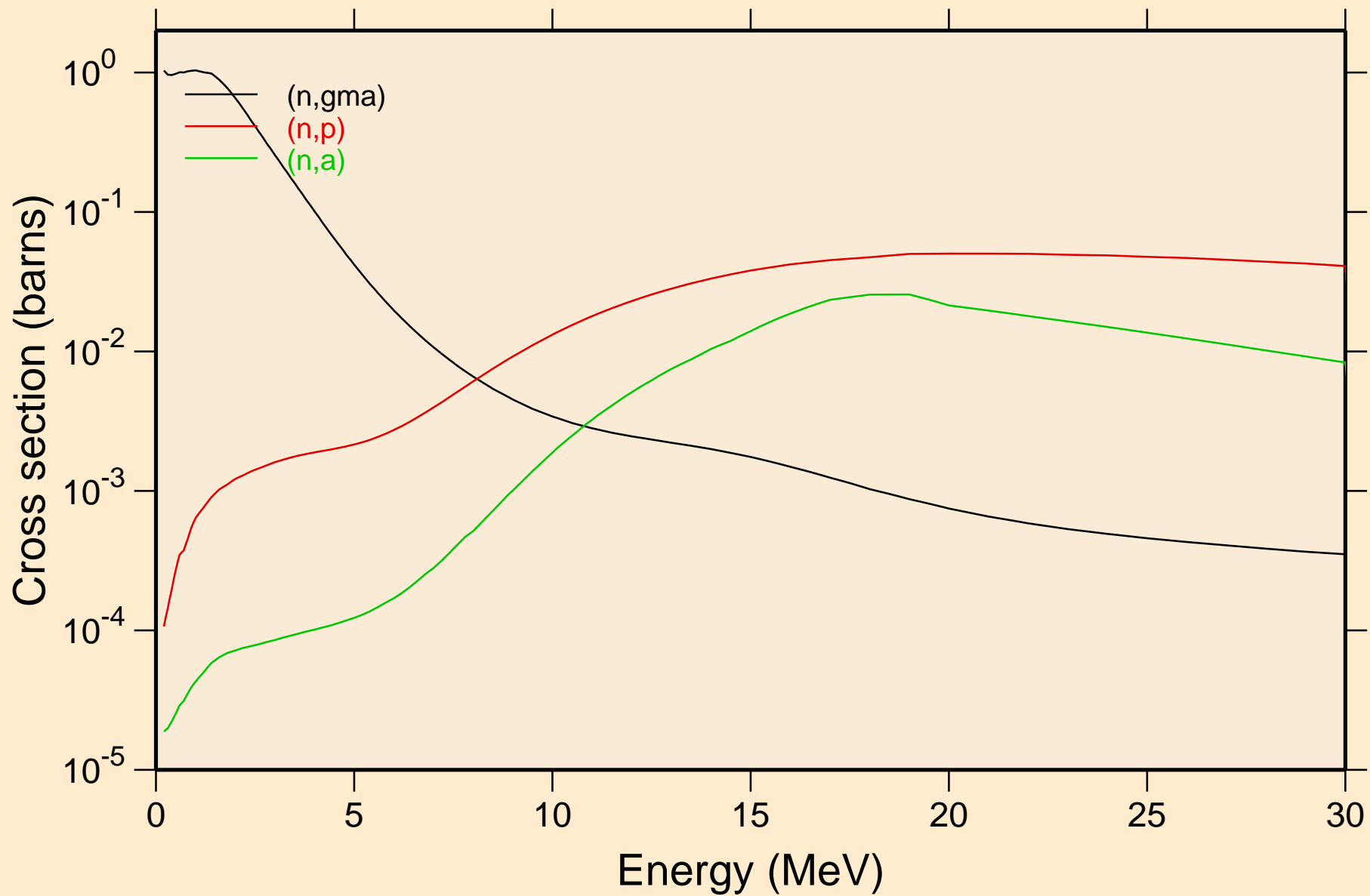
# ND141M NRG TENDL-2015, AKONING

## Principal cross sections



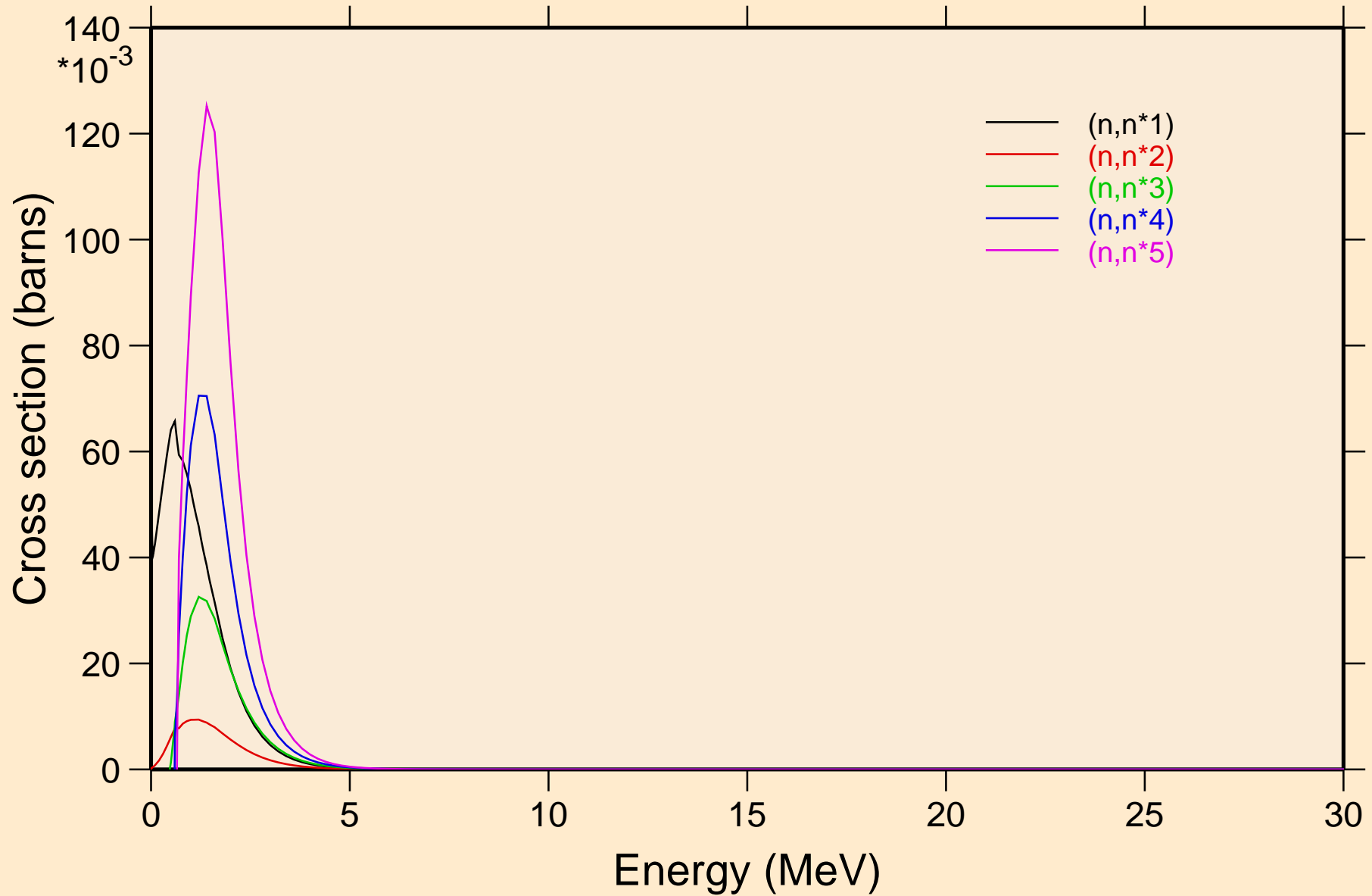
# ND141M NRG TENDL-2015, AKONING

## Non-threshold reactions



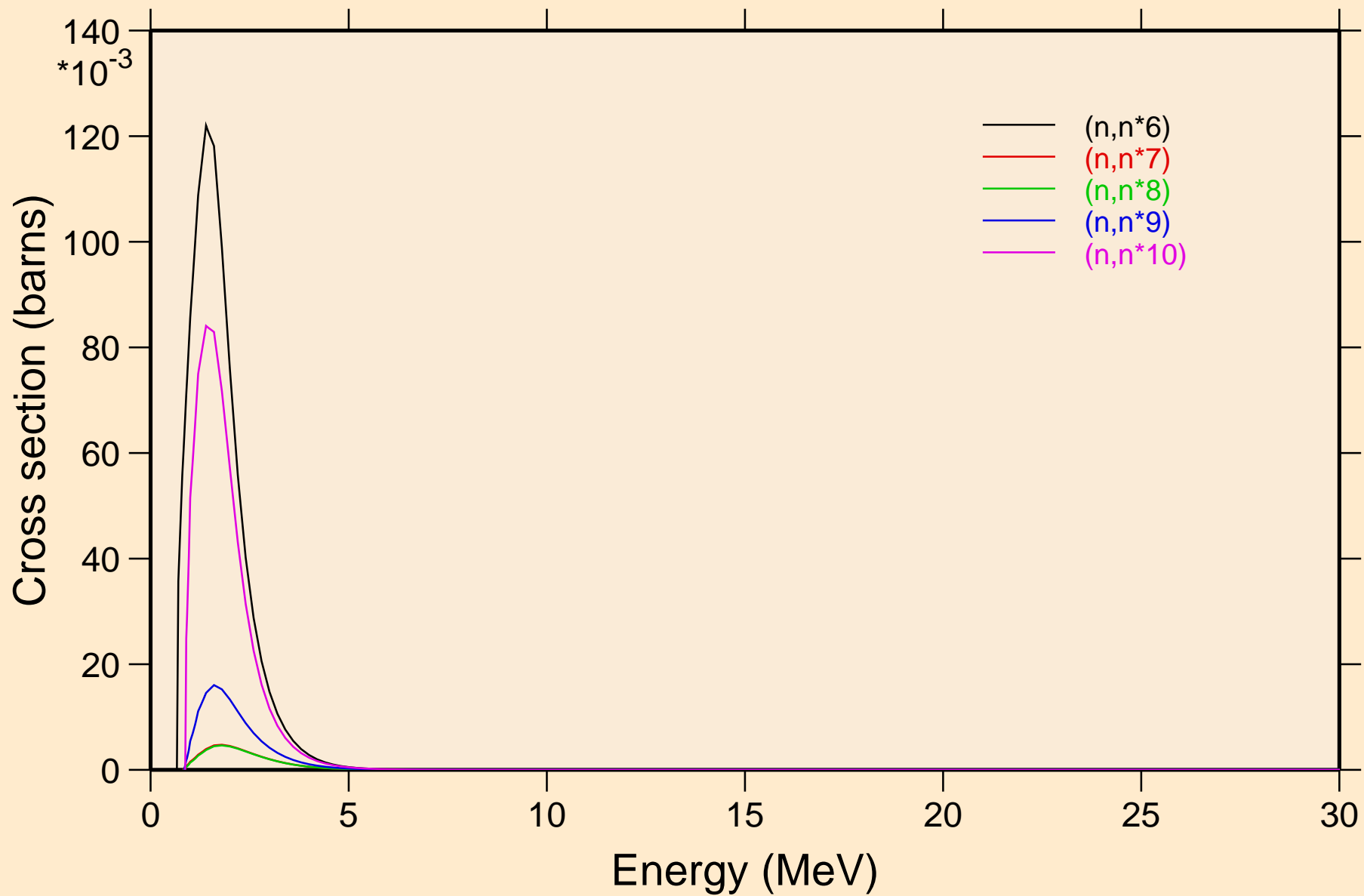
# ND141M NRG TENDL-2015, AKONING

## Inelastic levels



# ND141M NRG TENDL-2015, AKONING

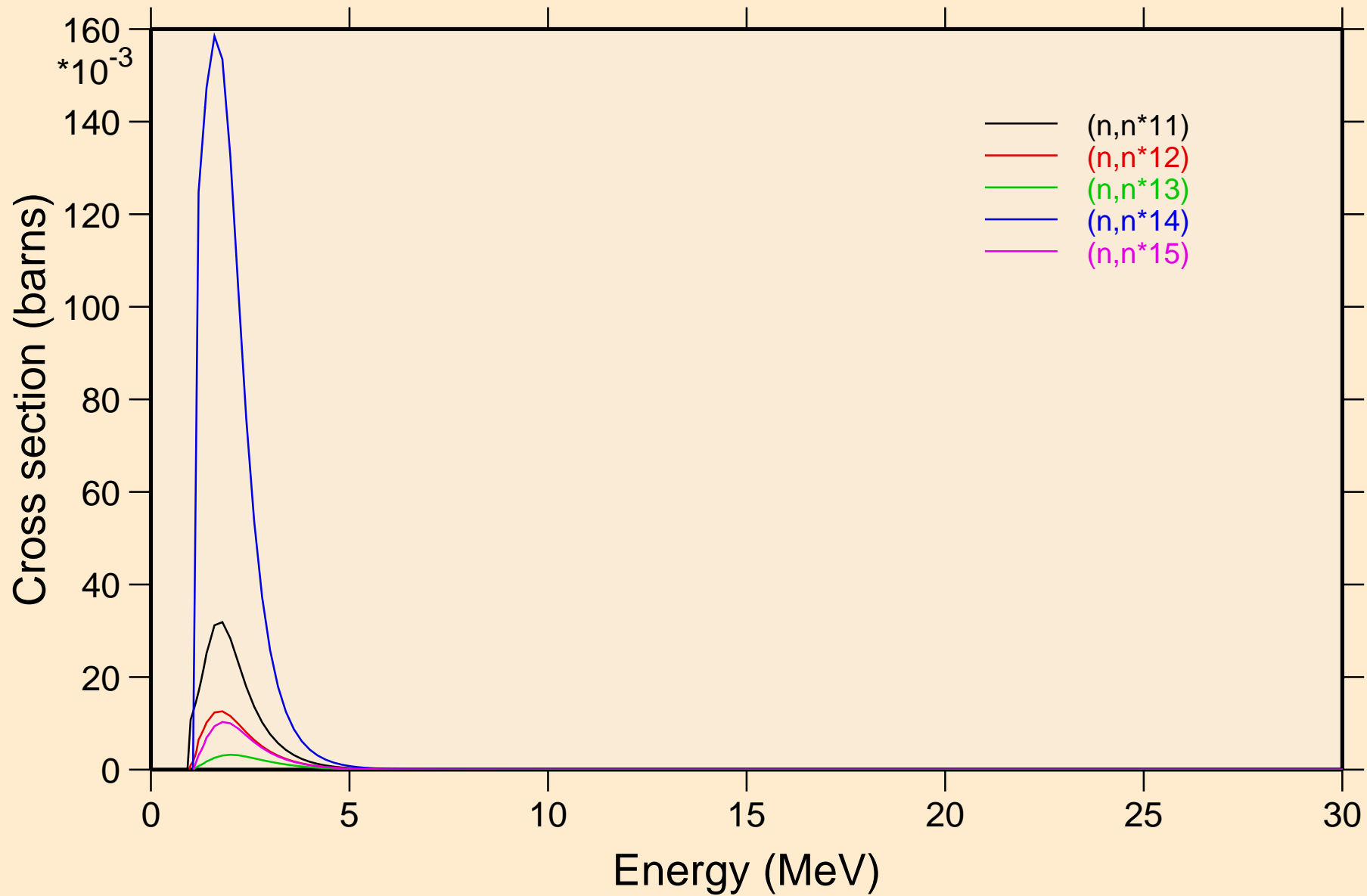
## Inelastic levels





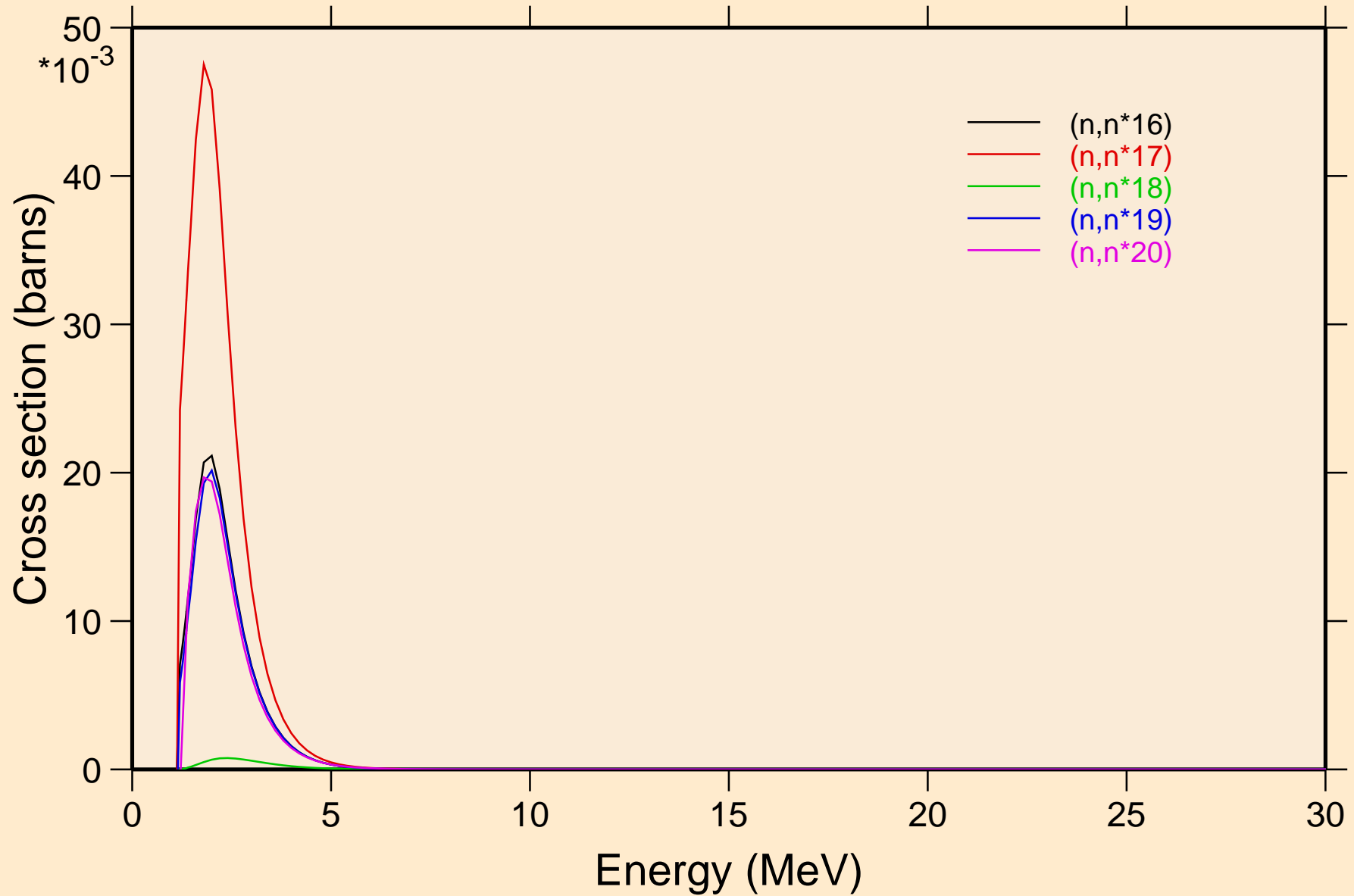
# ND141M NRG TENDL-2015, AKONING

## Inelastic levels



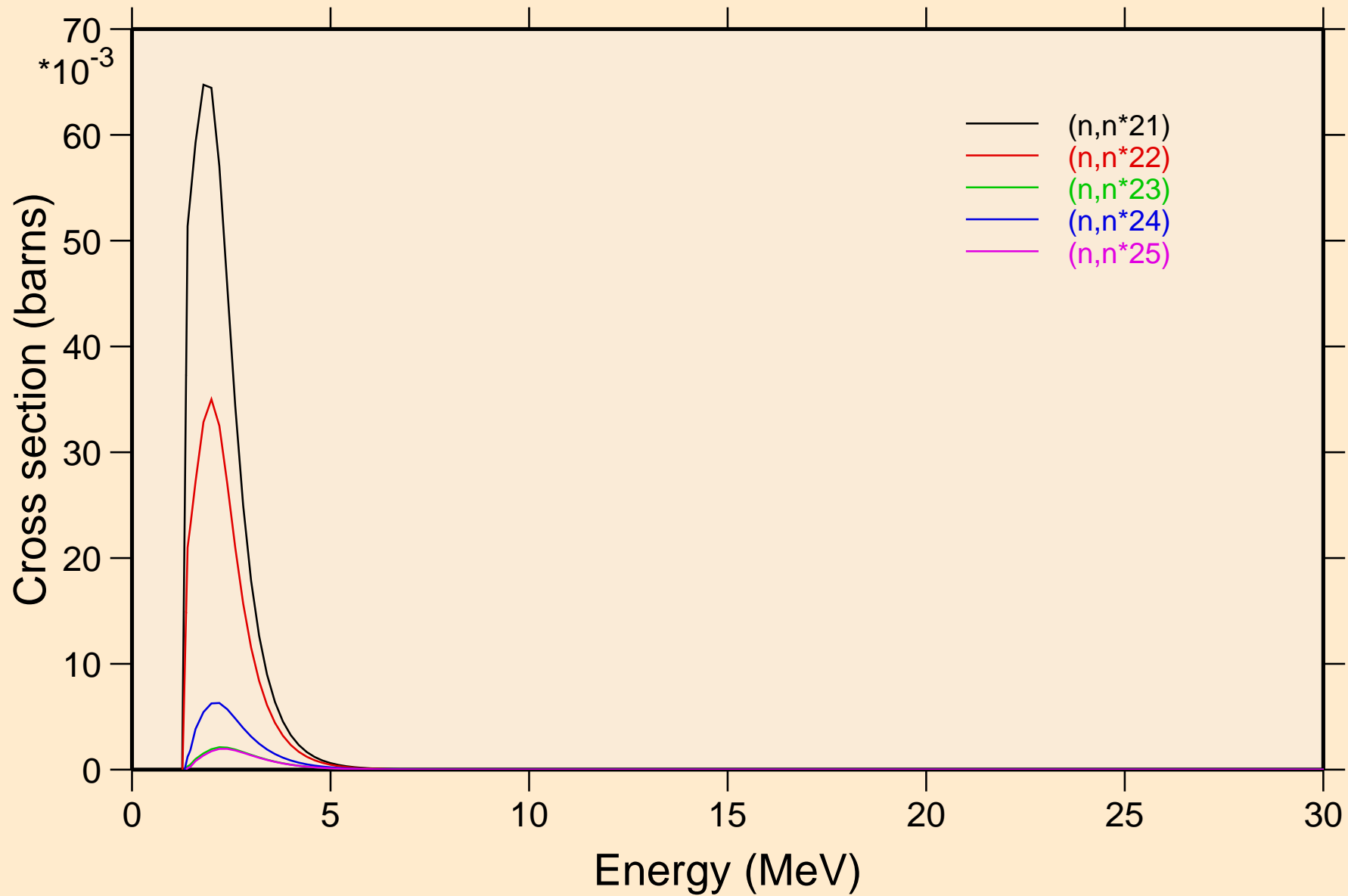
# ND141M NRG TENDL-2015, AKONING

## Inelastic levels



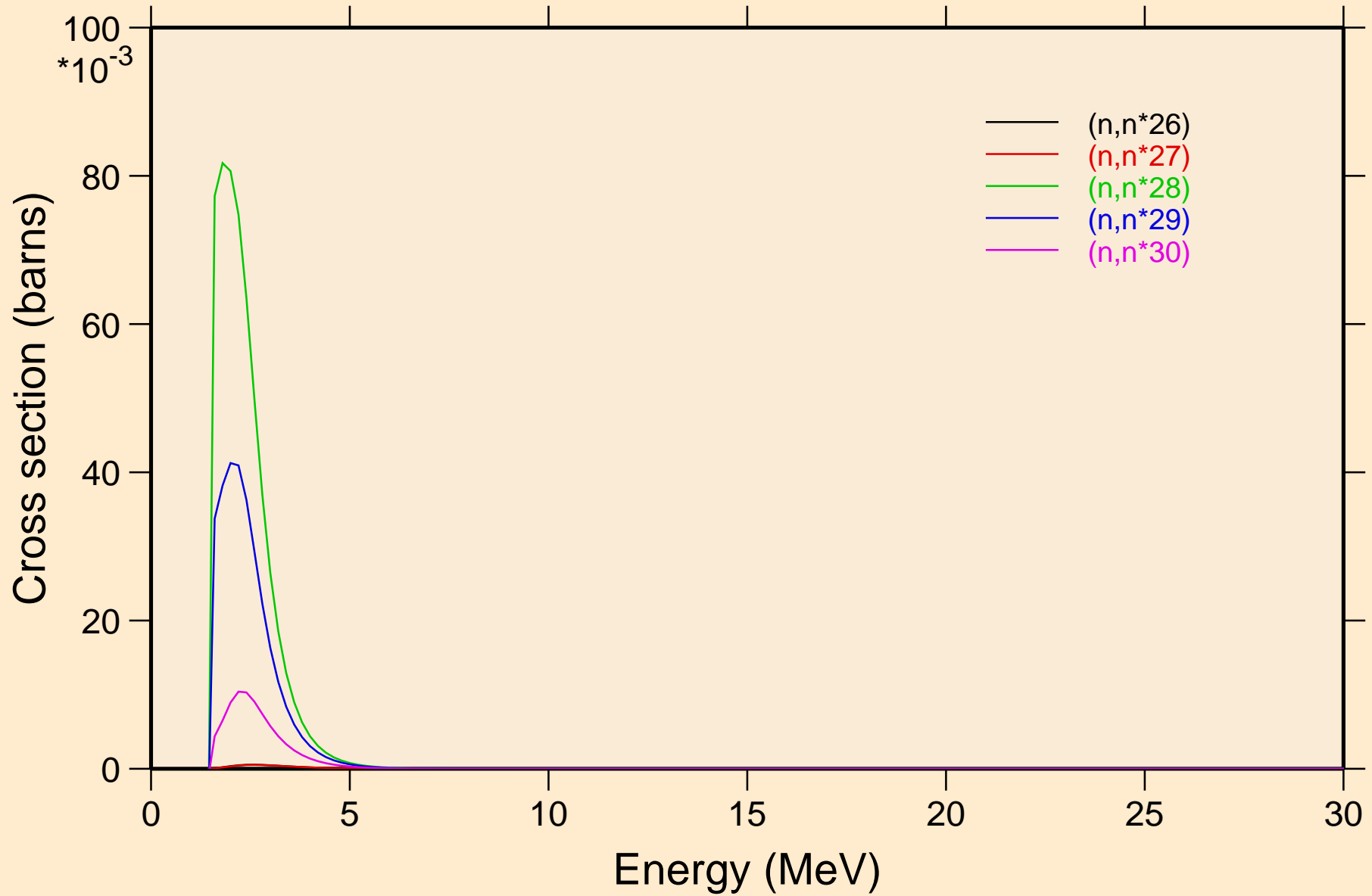
# ND141M NRG TENDL-2015, AKONING

## Inelastic levels



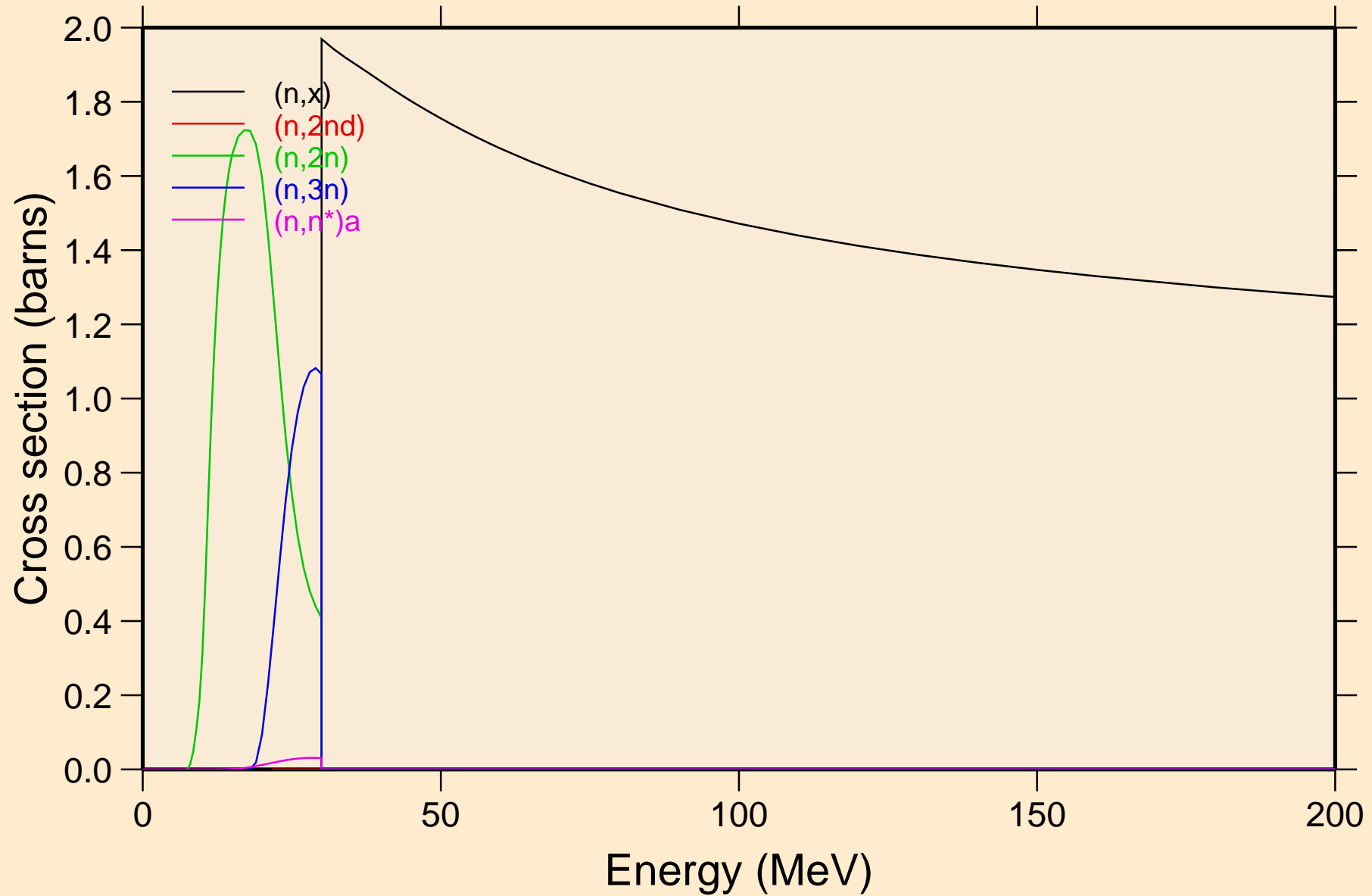
# ND141M NRG TENDL-2015, AKONING

## Inelastic levels



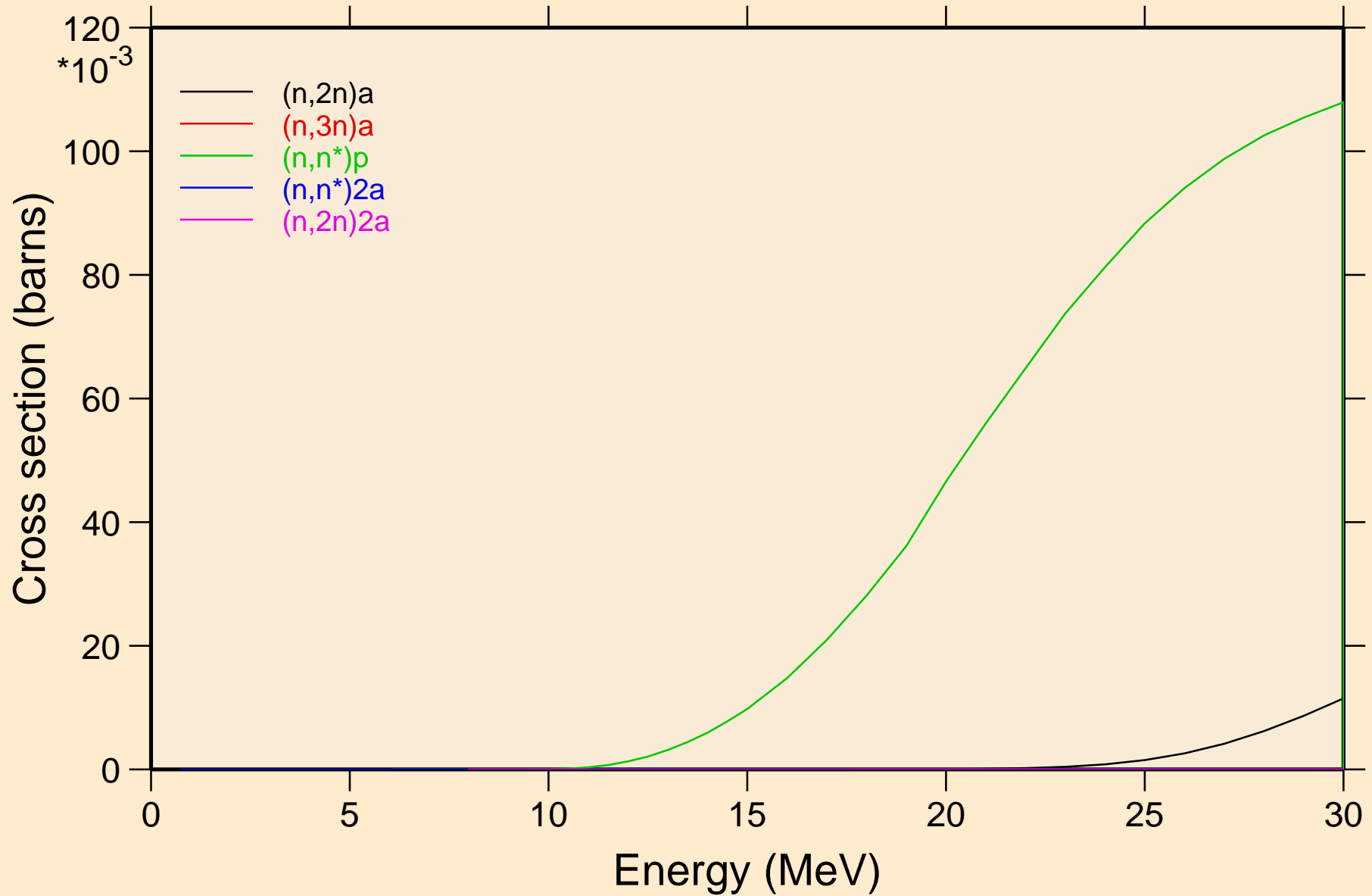
# ND141M NRG TENDL-2015, AKONING

## Threshold reactions



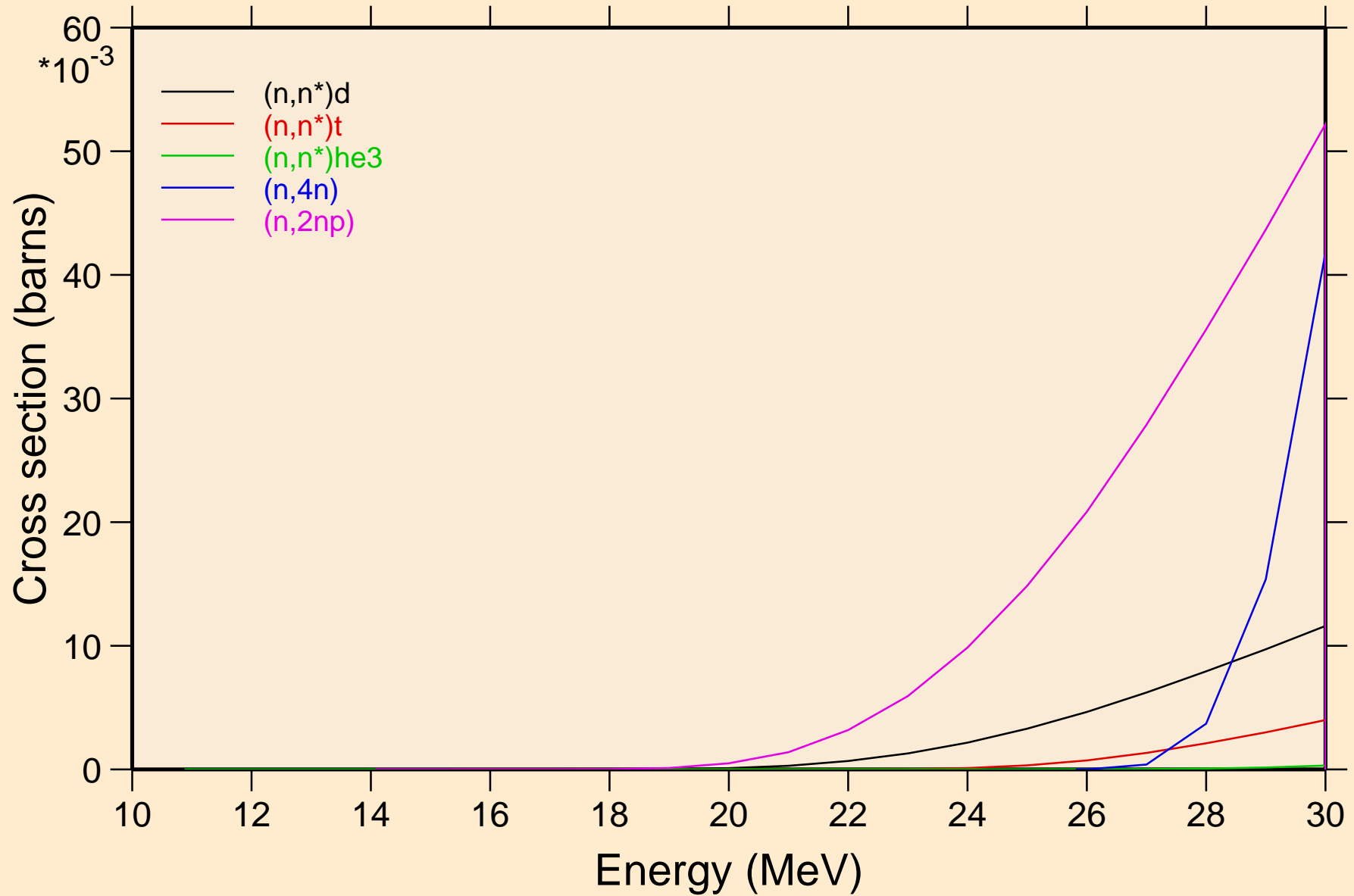
# ND141M NRG TENDL-2015, AKONING

## Threshold reactions



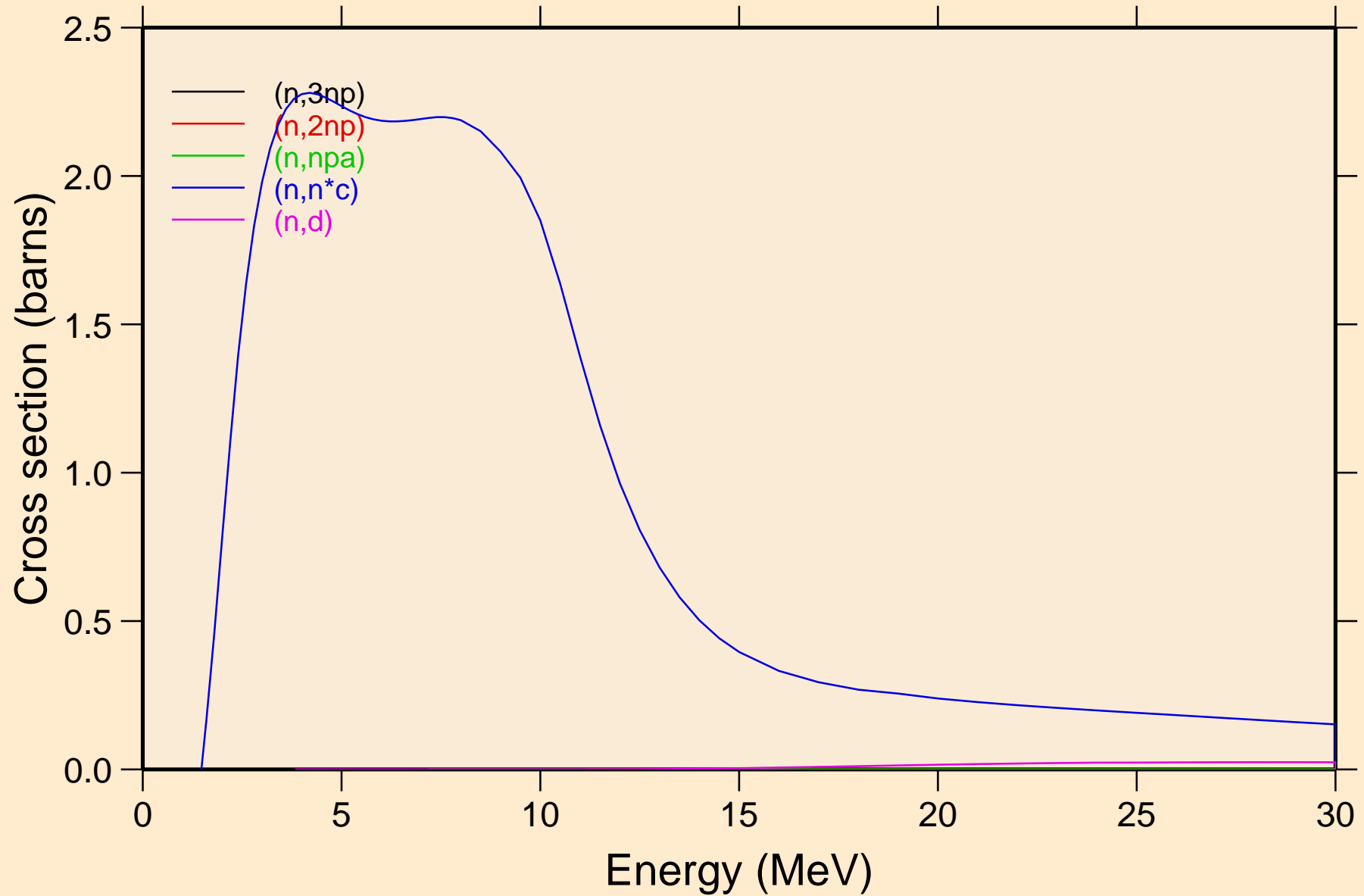
# ND141M NRG TENDL-2015, AKONING

## Threshold reactions



# ND141M NRG TENDL-2015, AKONING

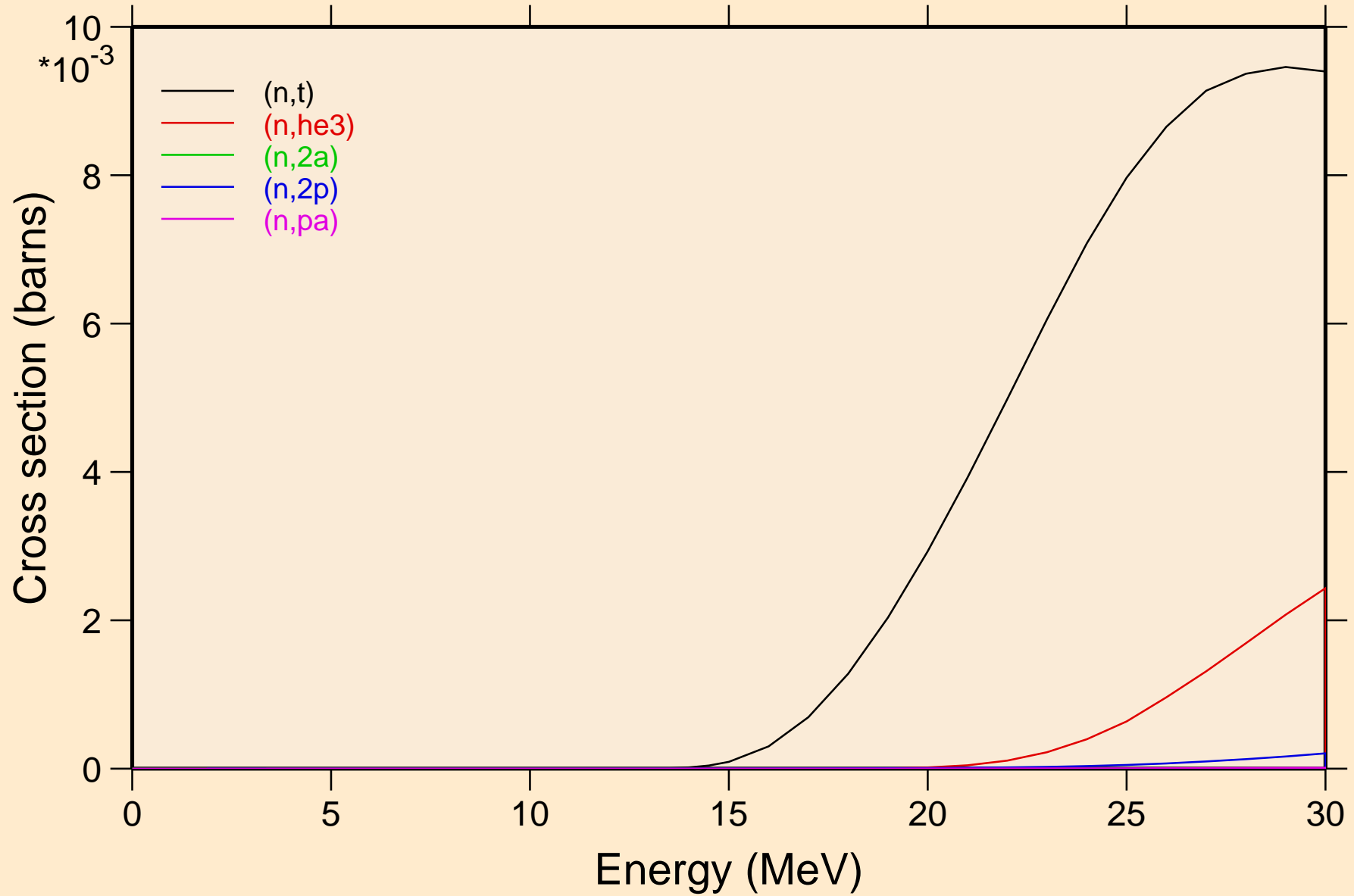
## Threshold reactions





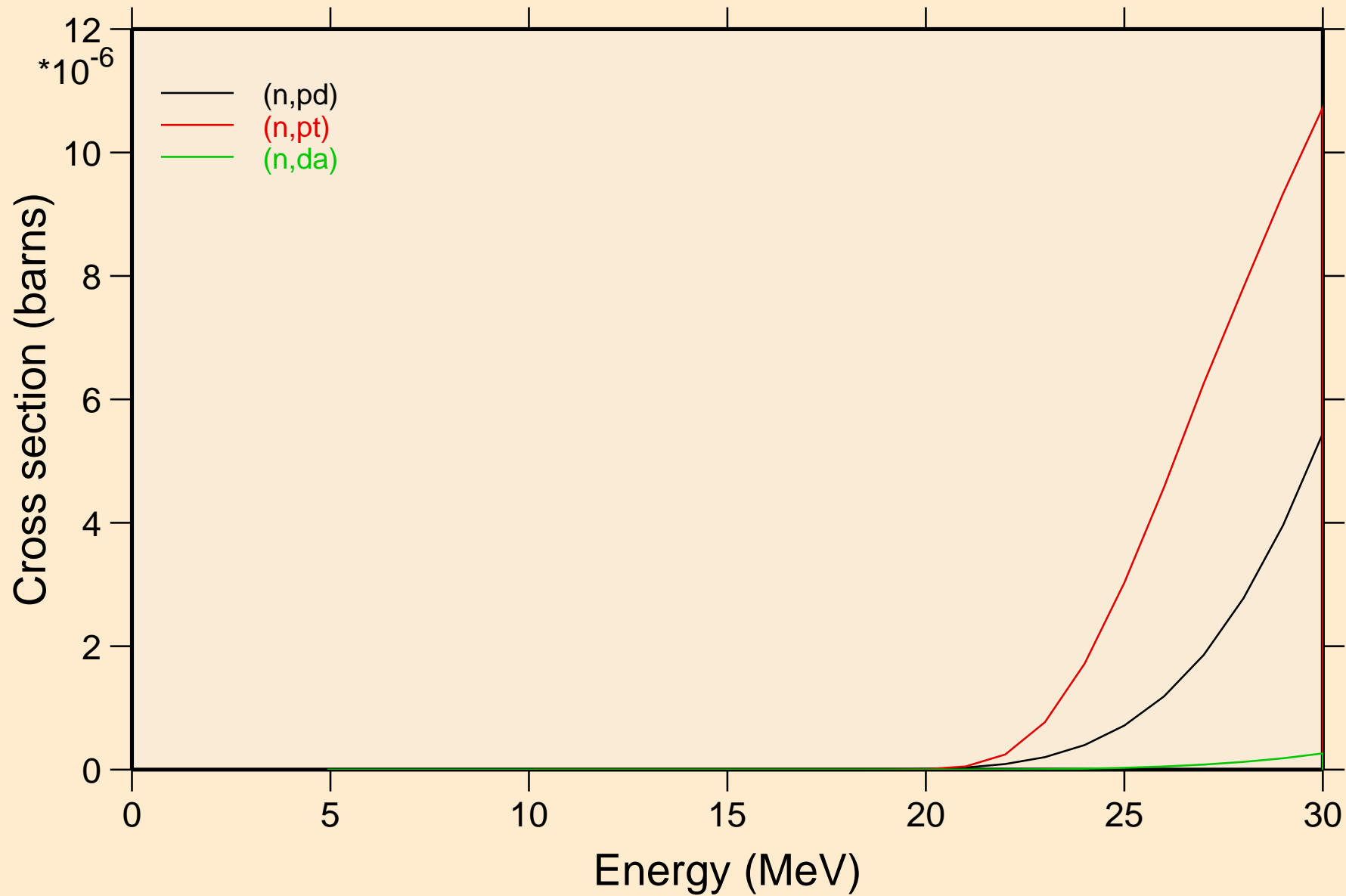
# ND141M NRG TENDL-2015, AKONING

## Threshold reactions

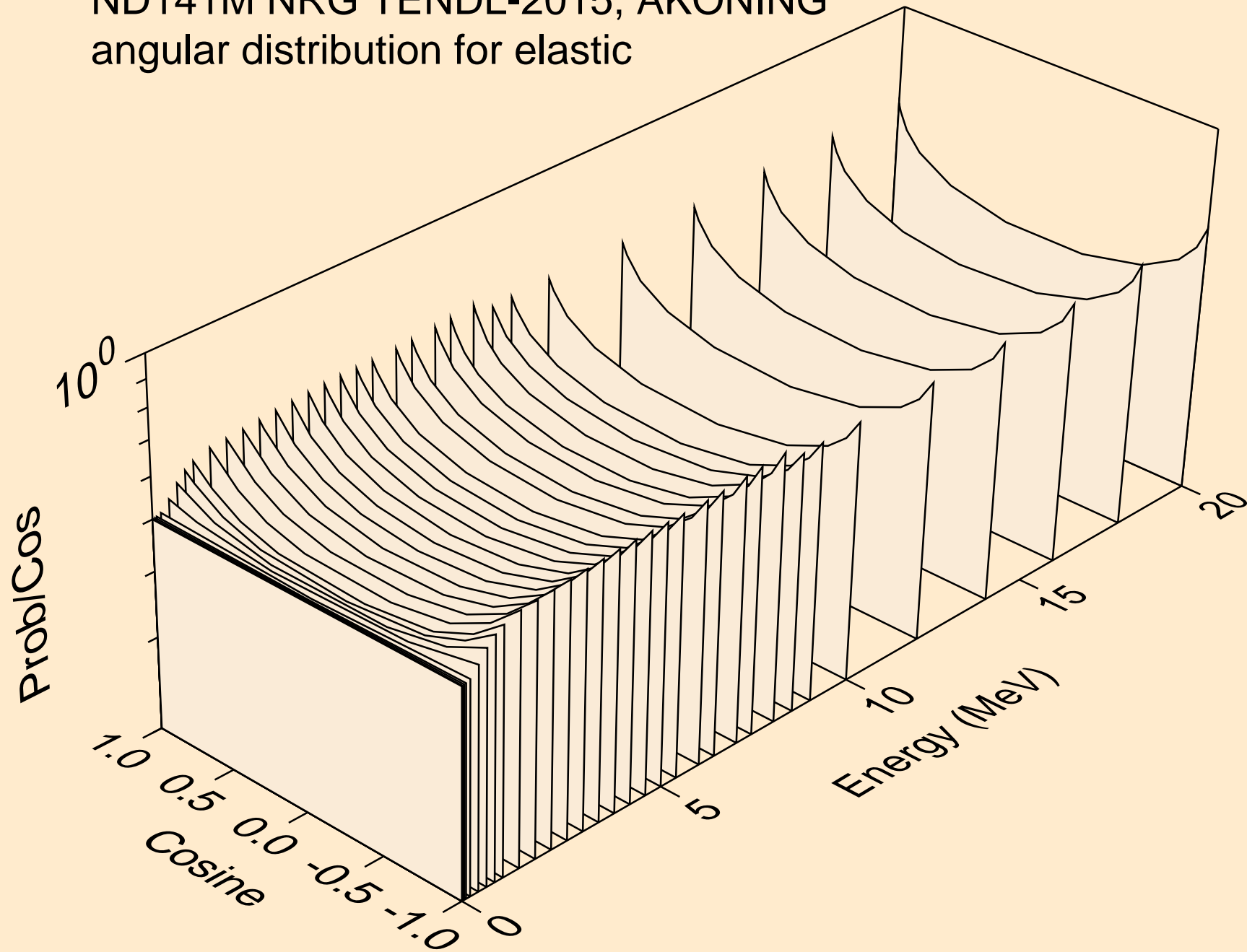


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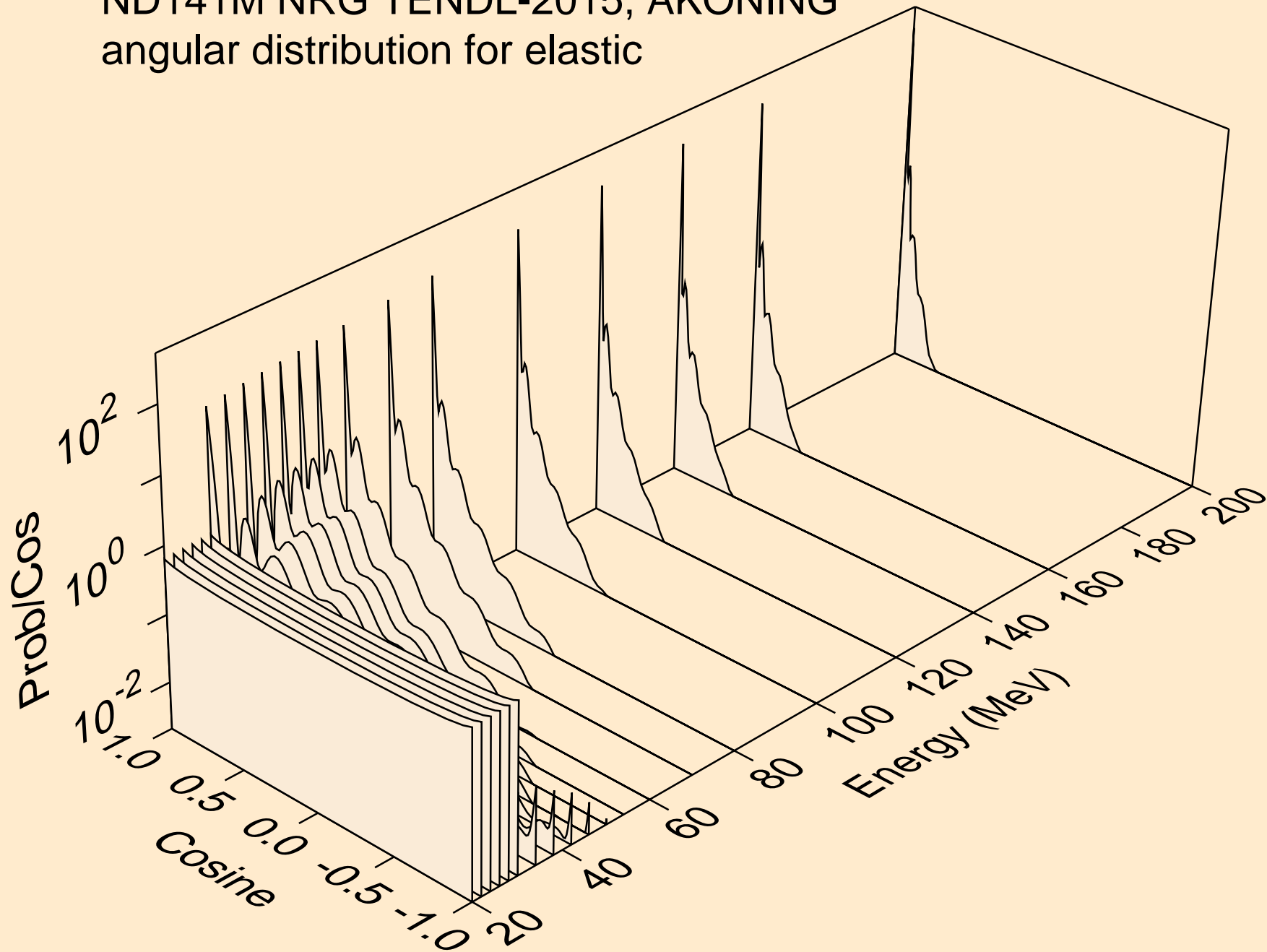
## Threshold reactions



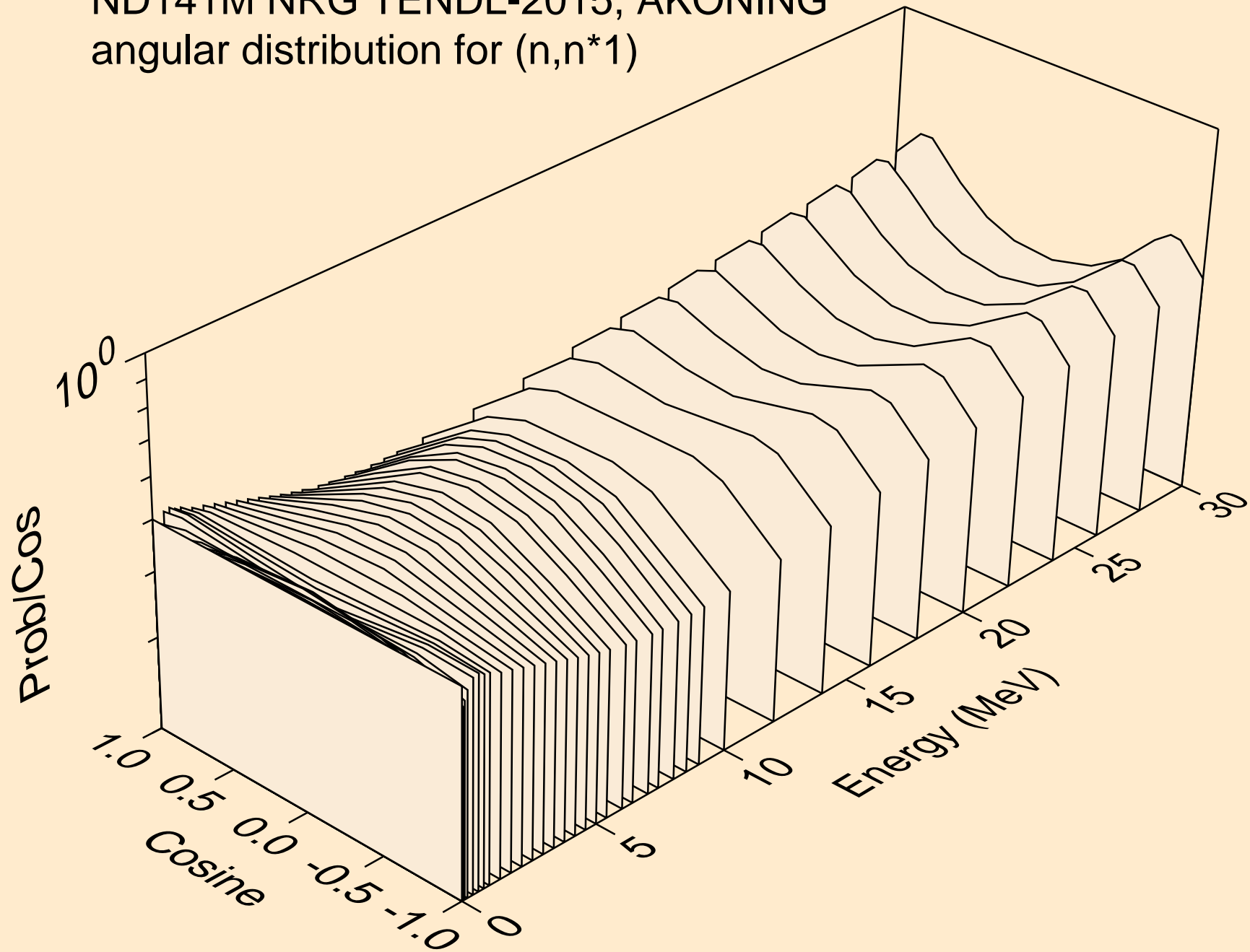
ND141M NRG TENDL-2015, AKONING  
angular distribution for elastic



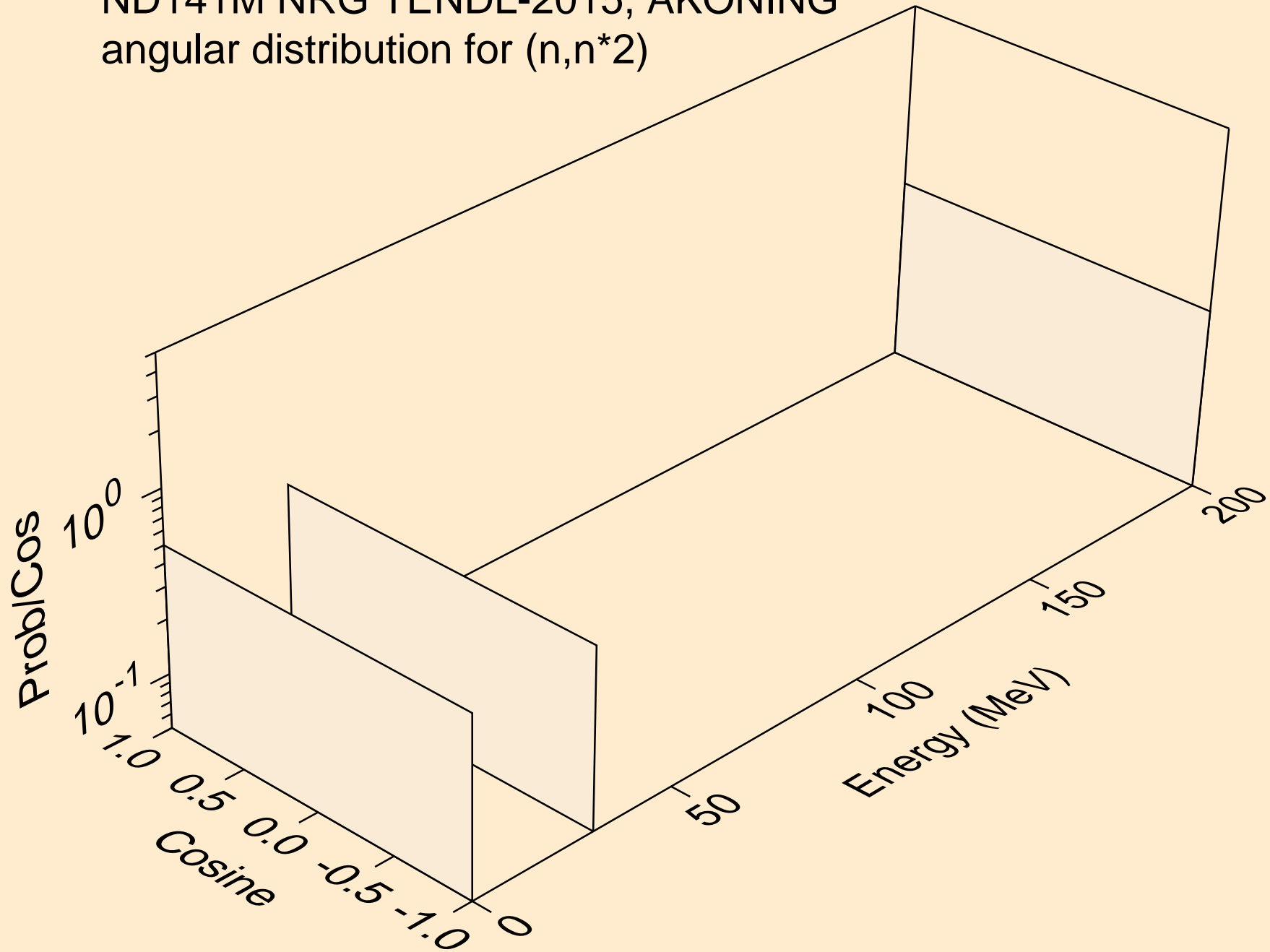
ND141M NRG TENDL-2015, AKONING  
angular distribution for elastic



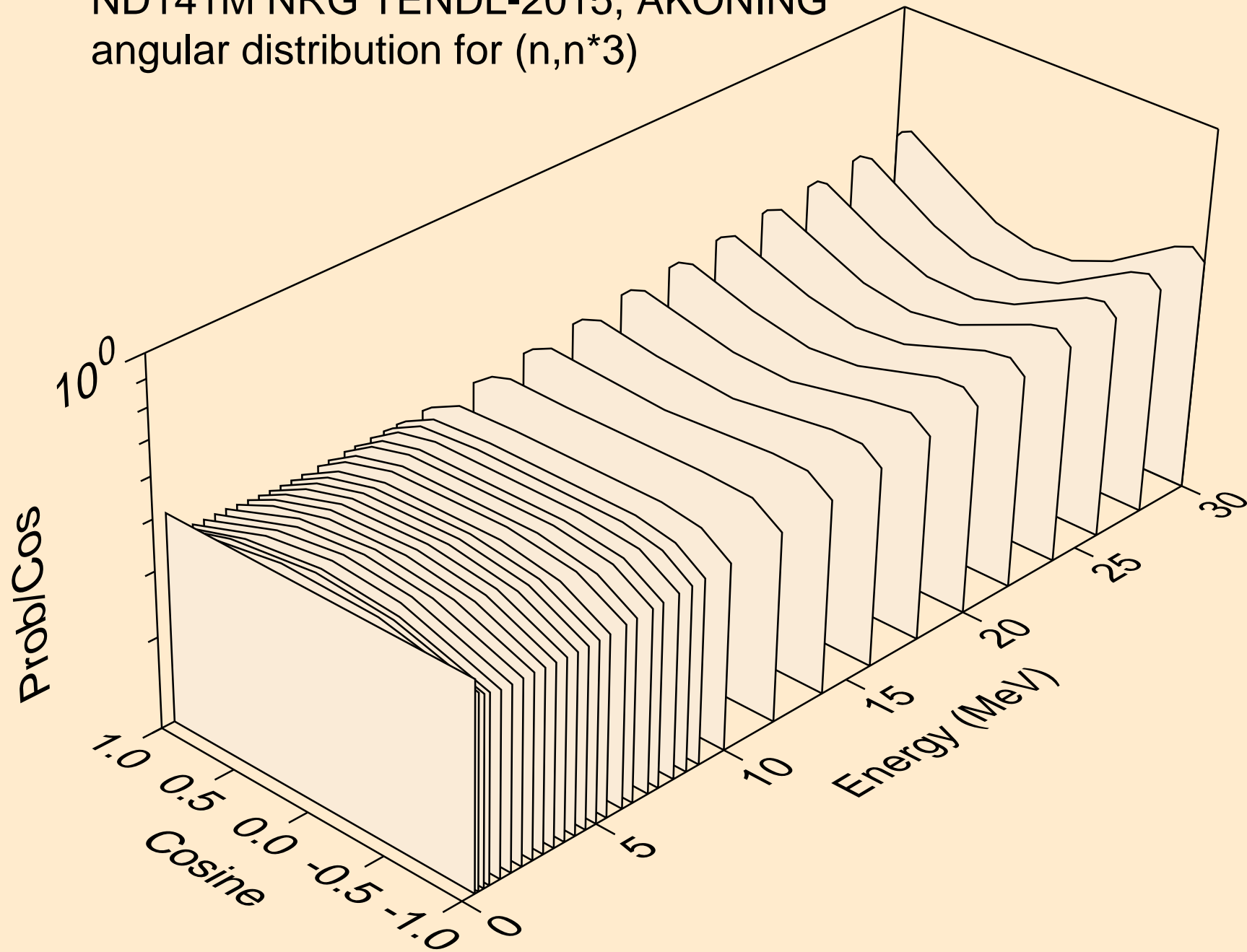
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



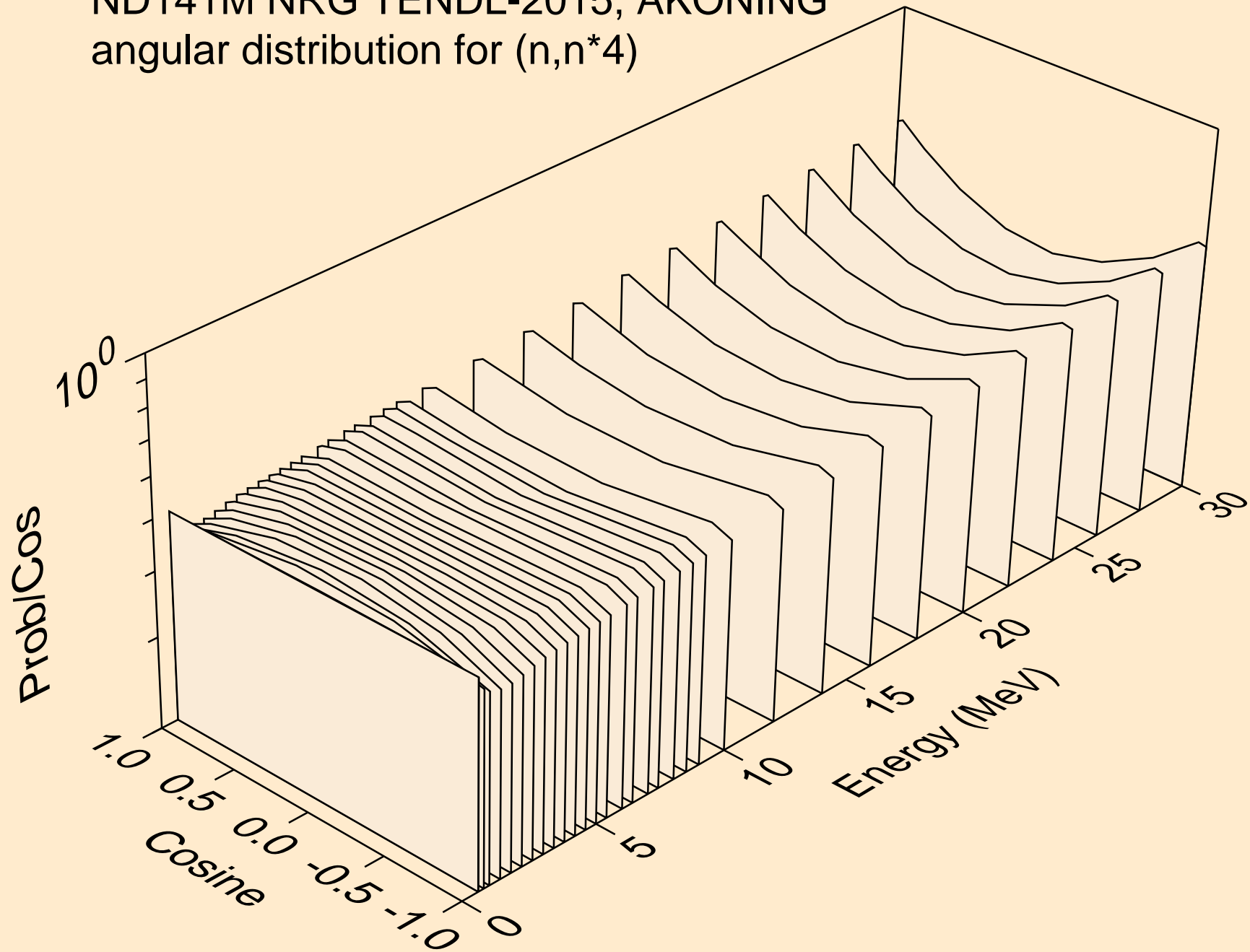
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

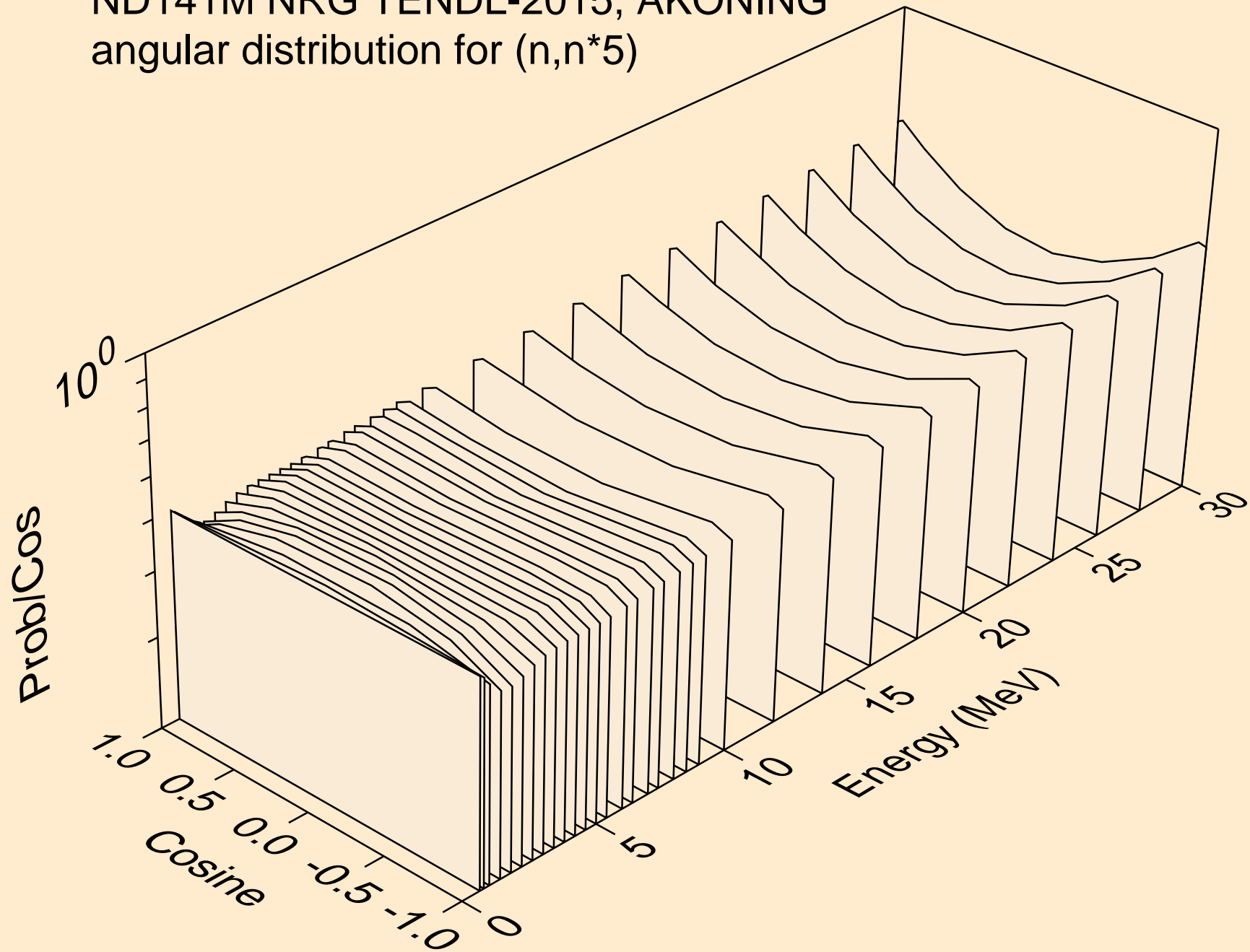


ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

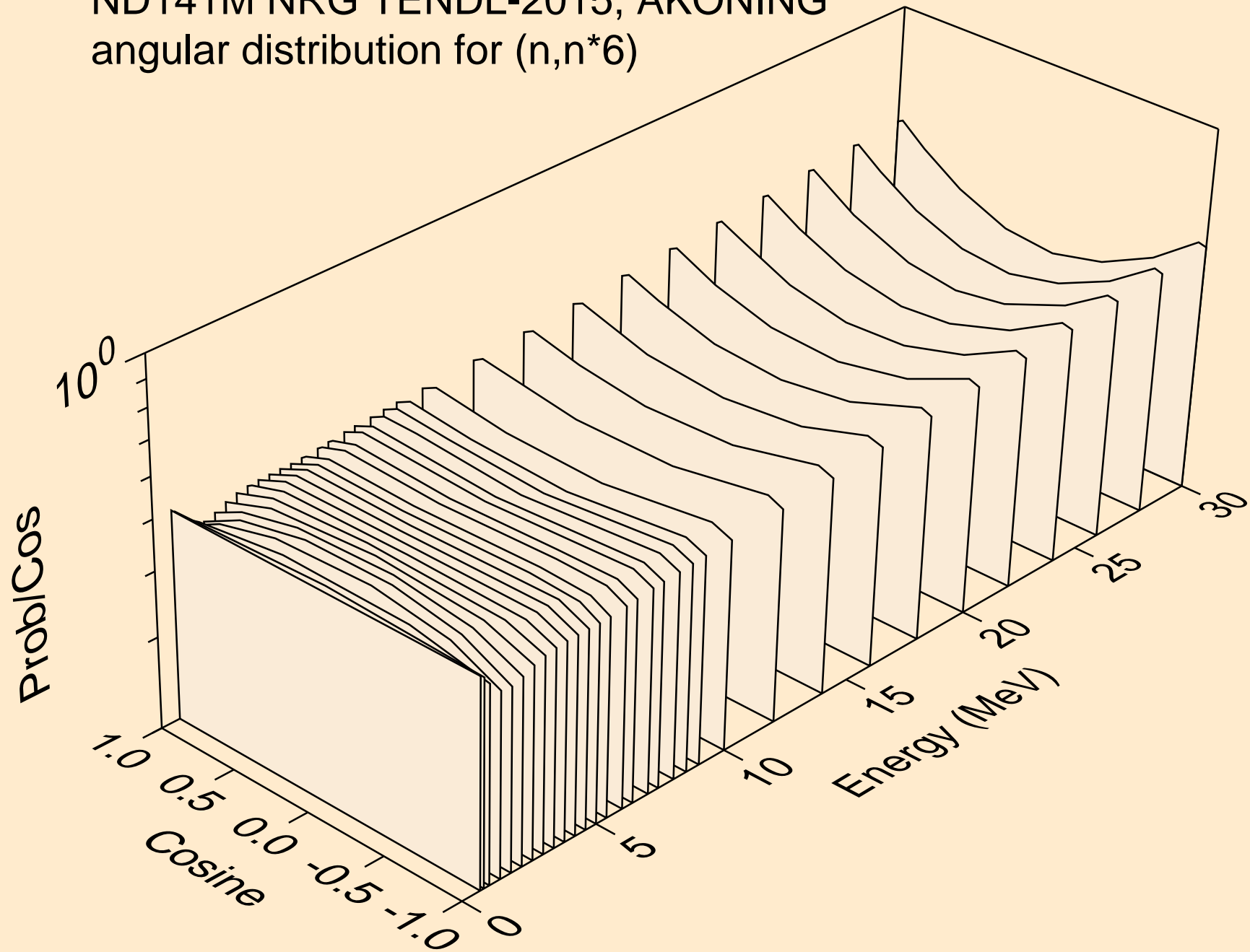




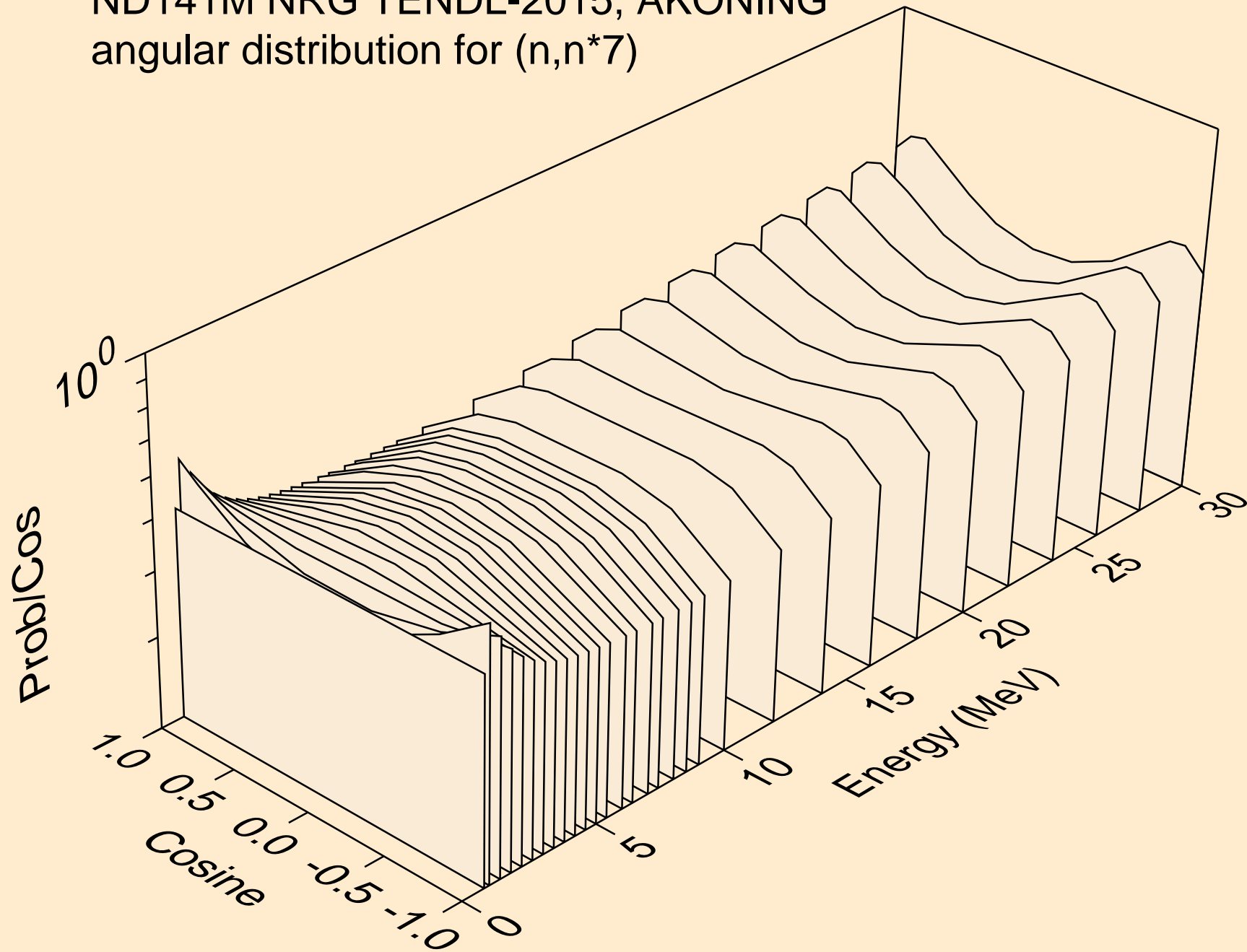
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



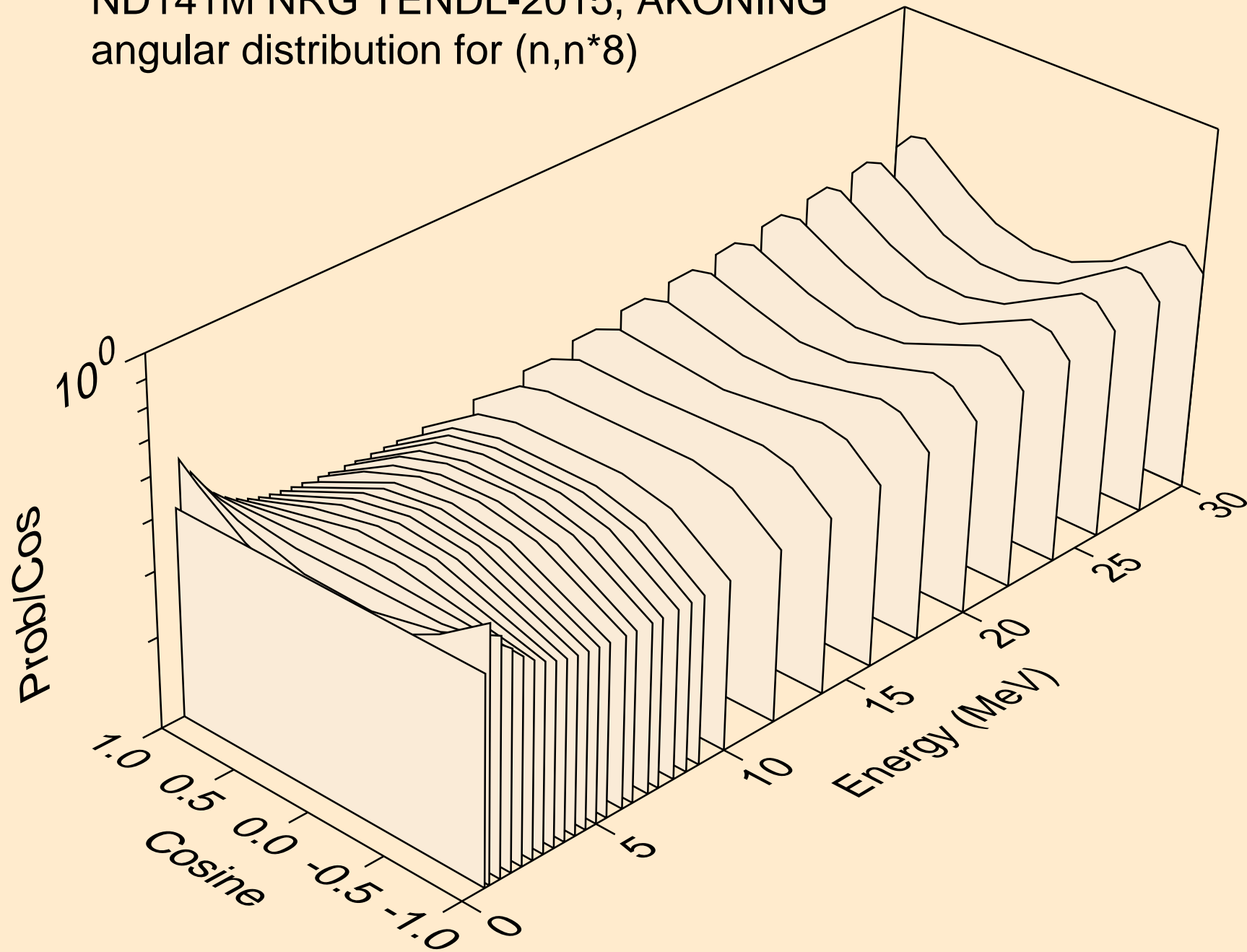
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angular distribution for (n,n\*6)



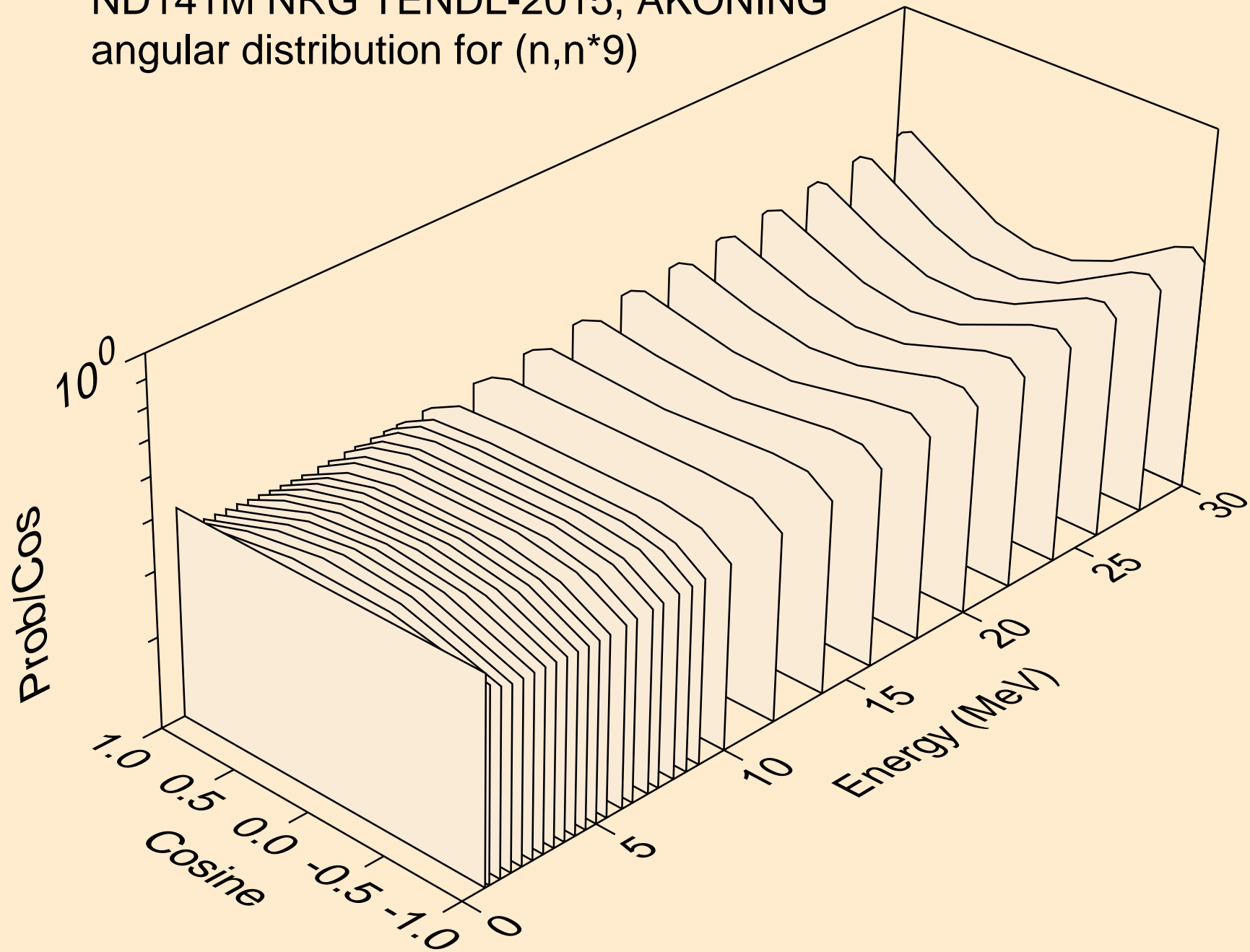
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



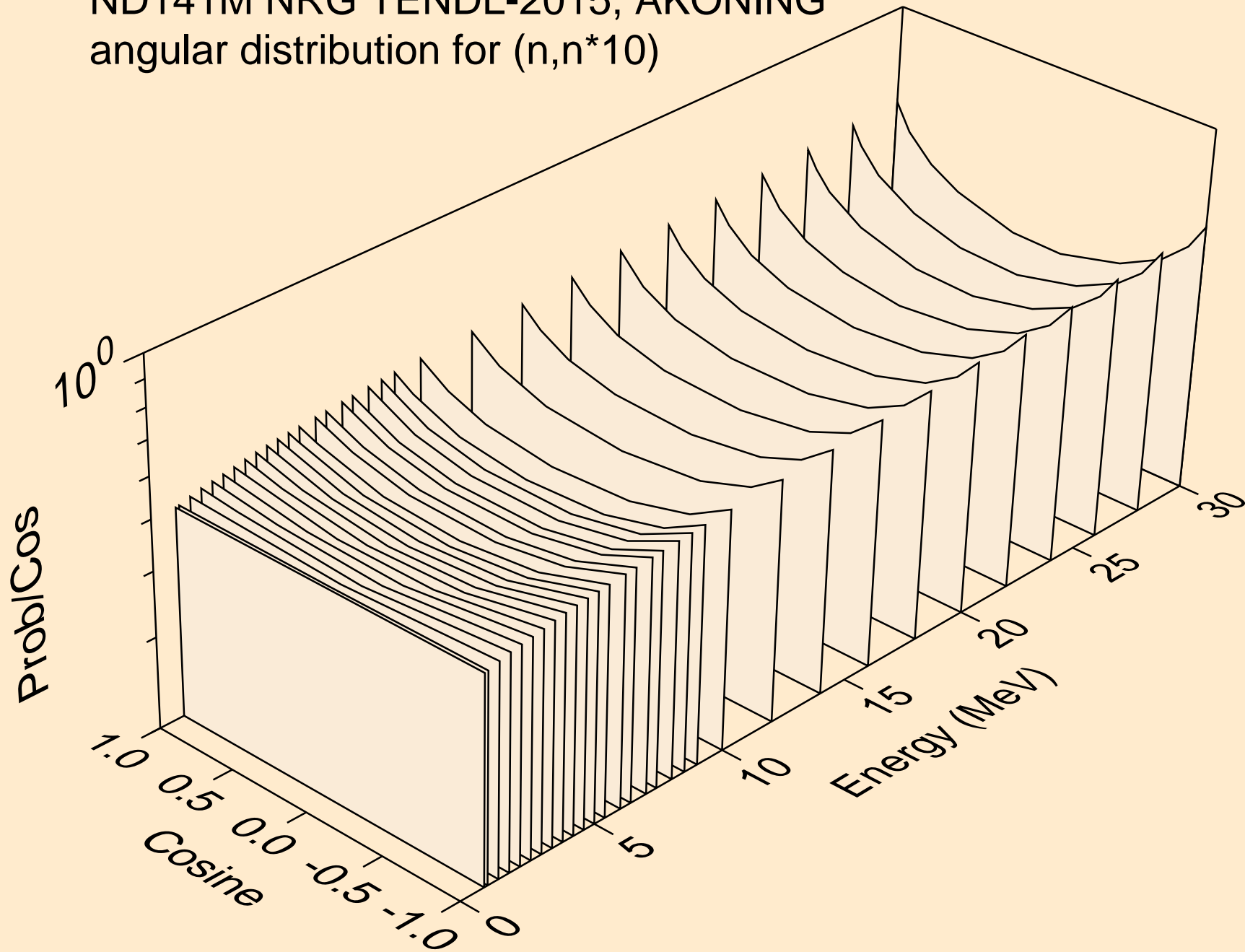
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angular distribution for (n,n\*8)



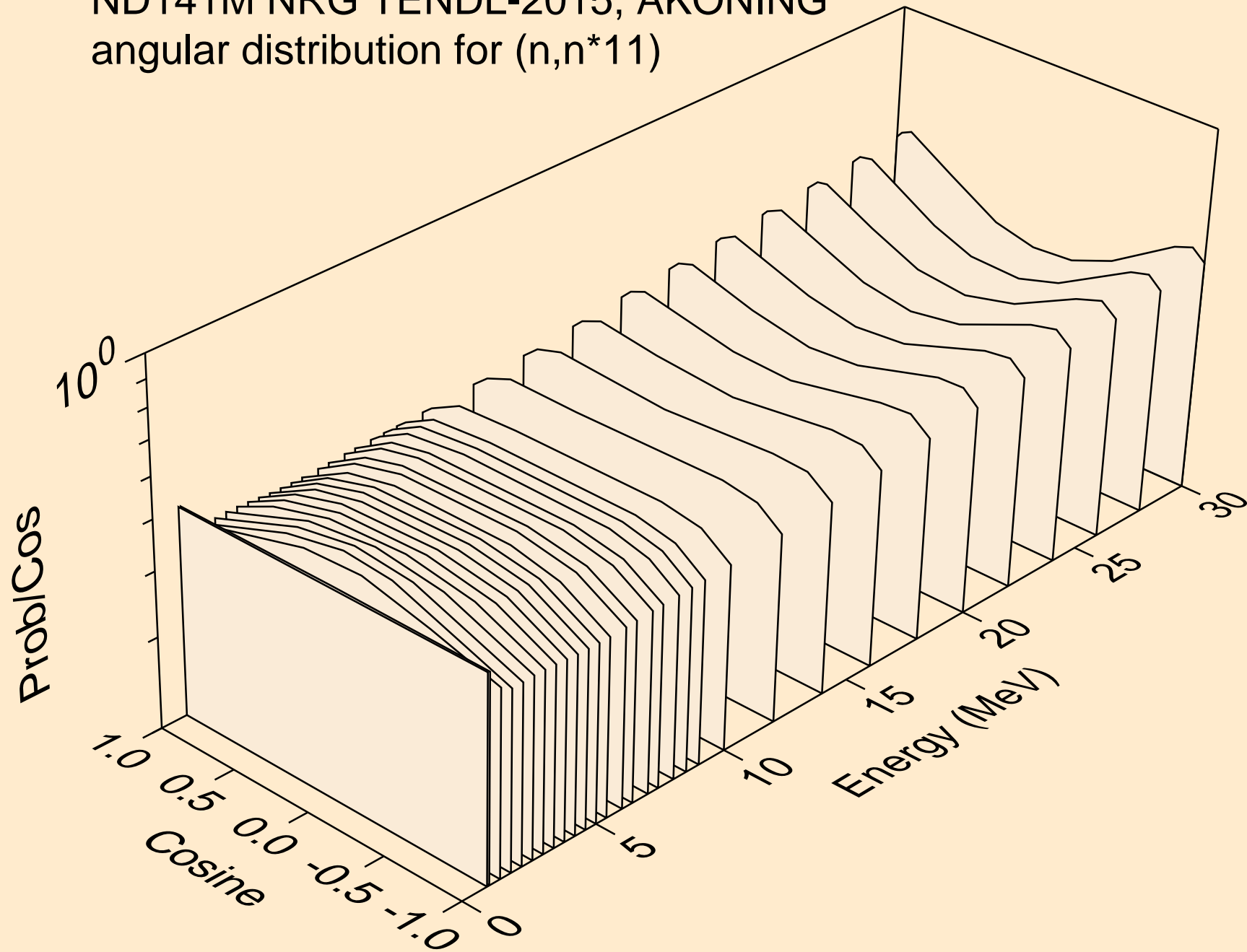
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angular distribution for (n,n\*9)



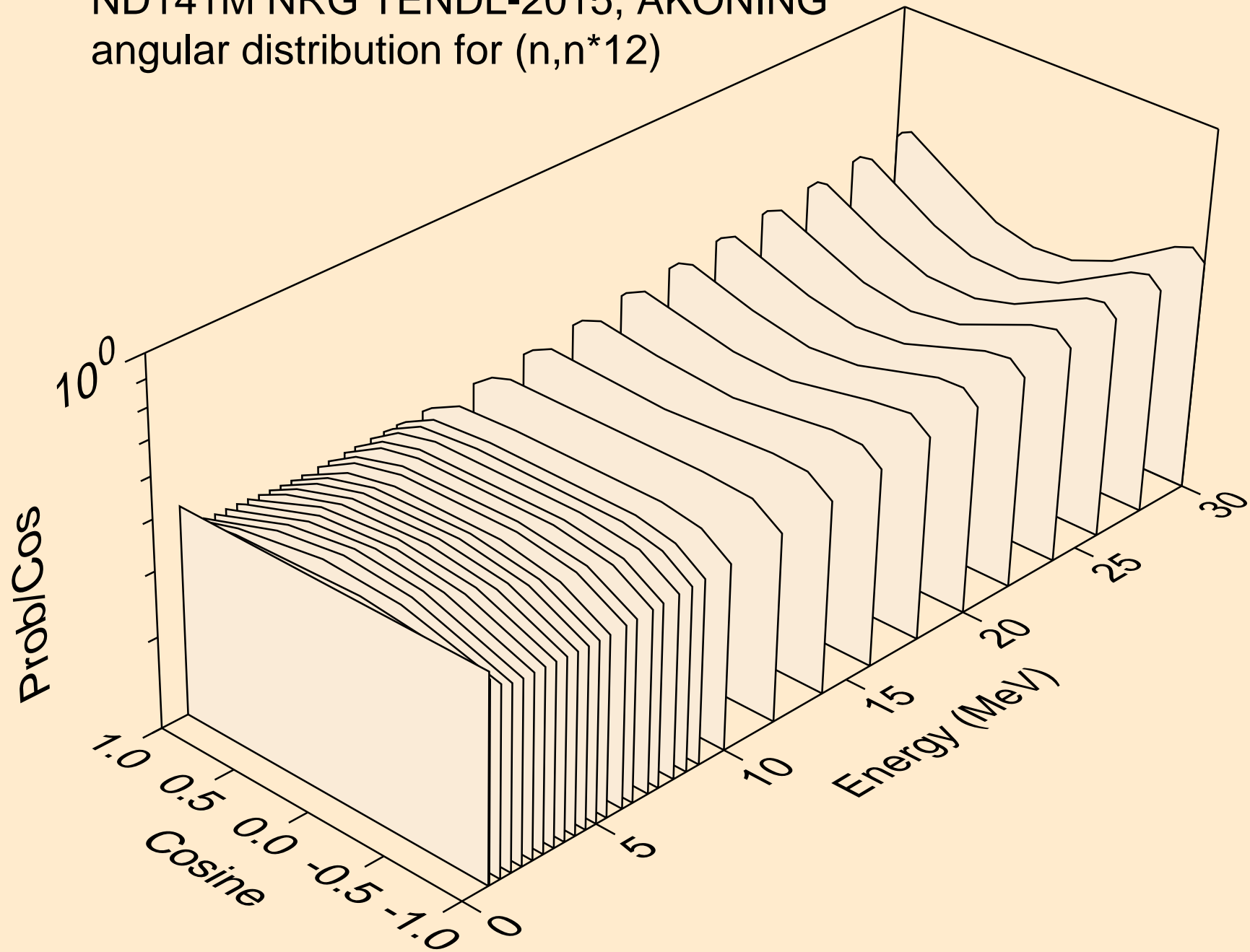
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

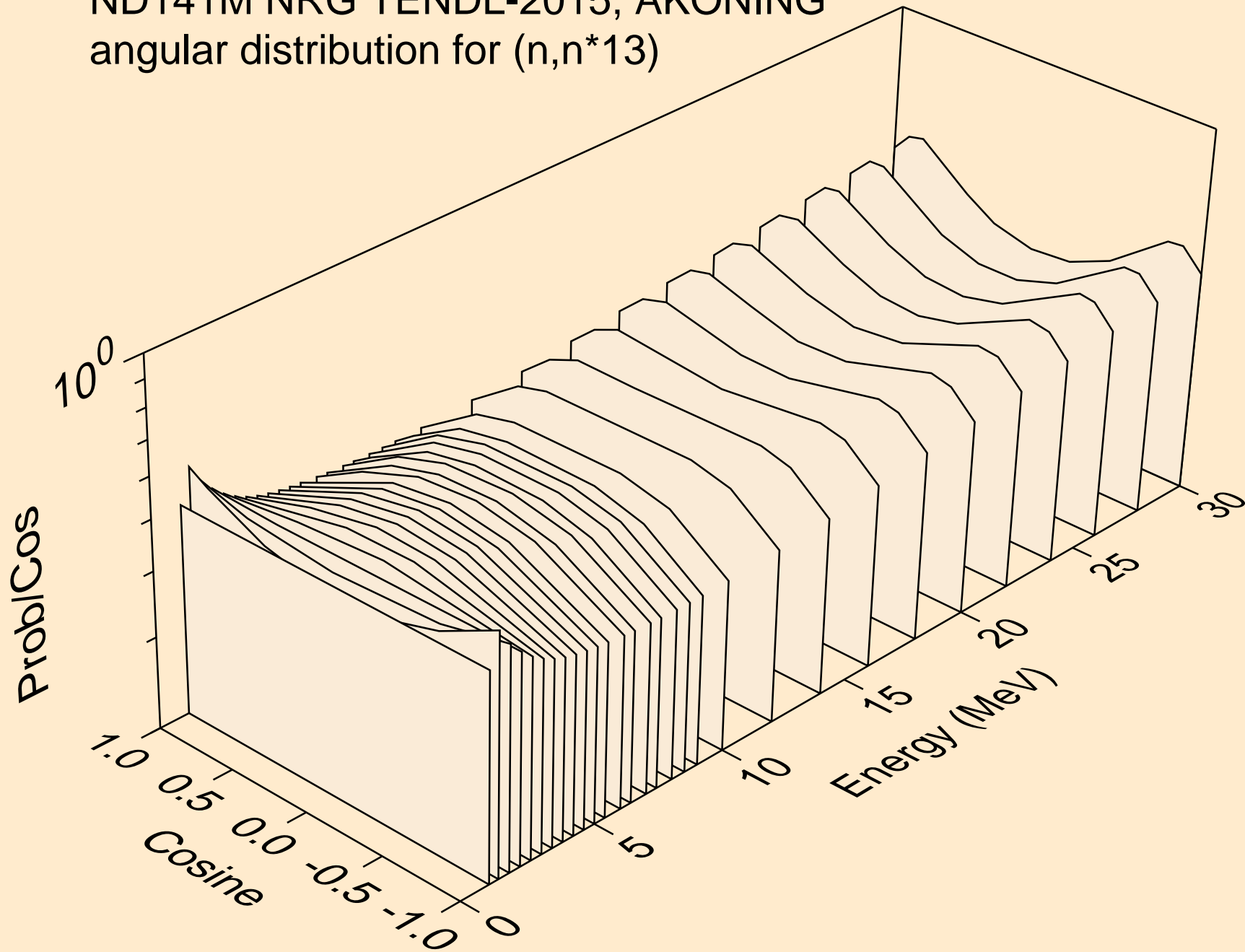


ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

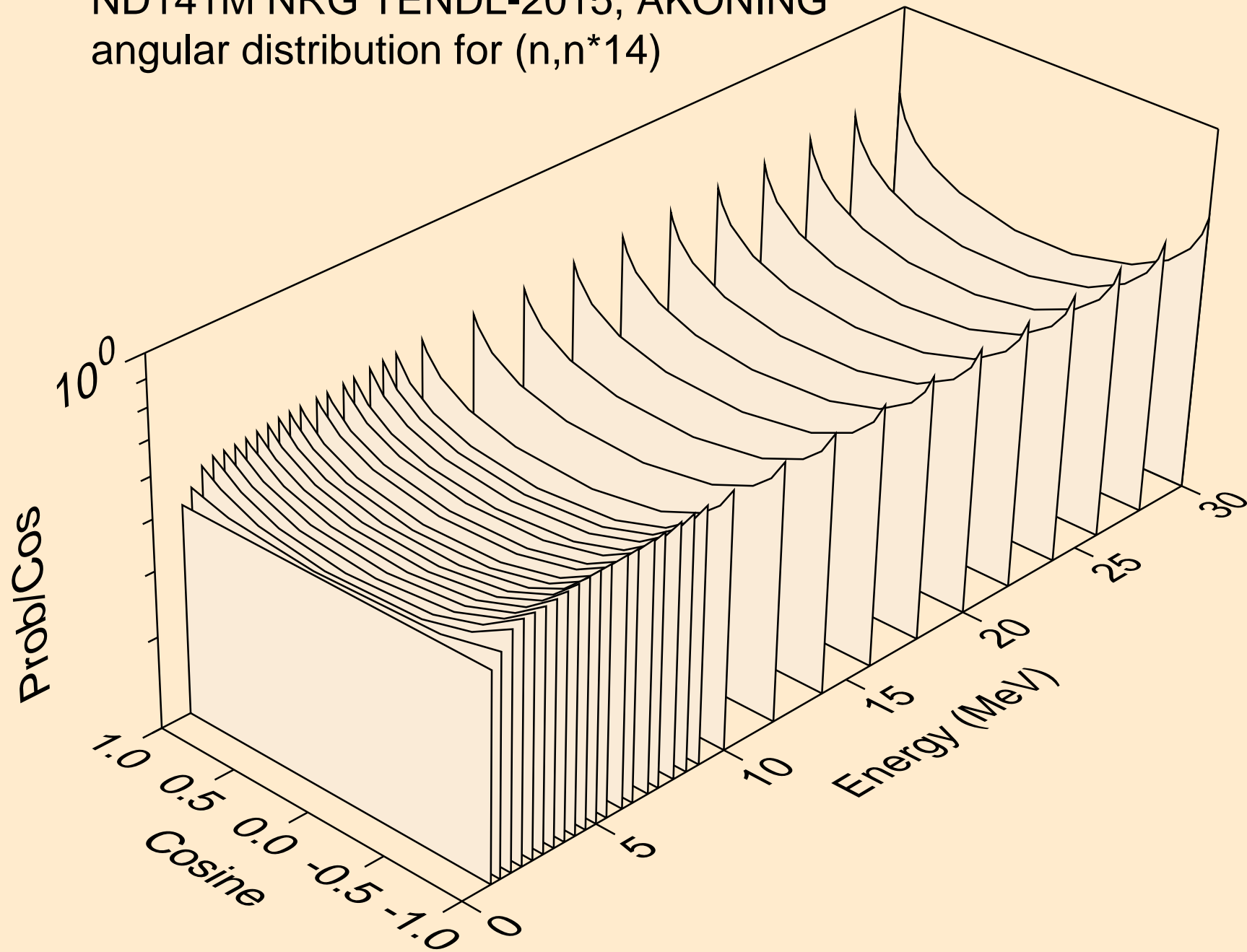




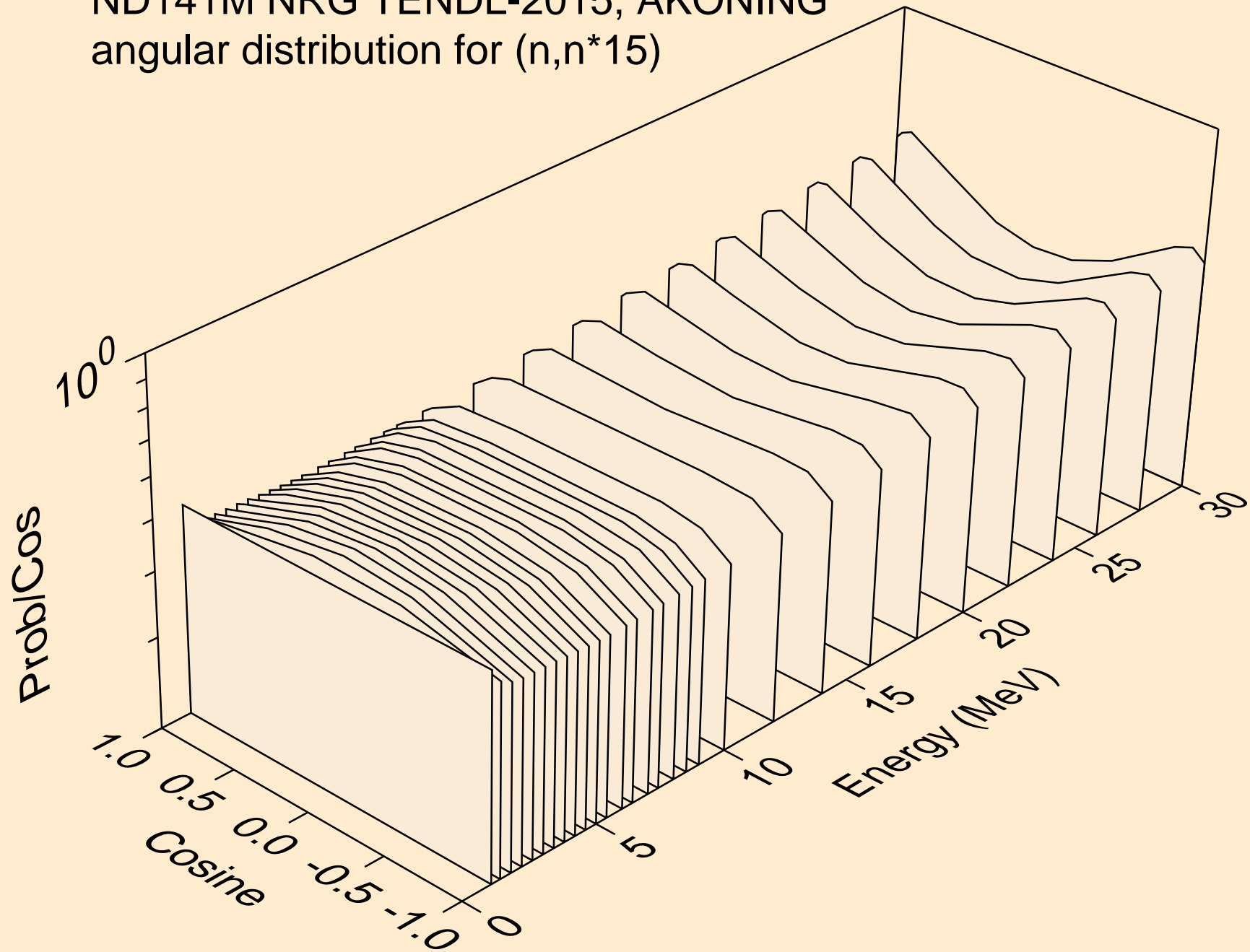
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angular distribution for (n,n\*13)



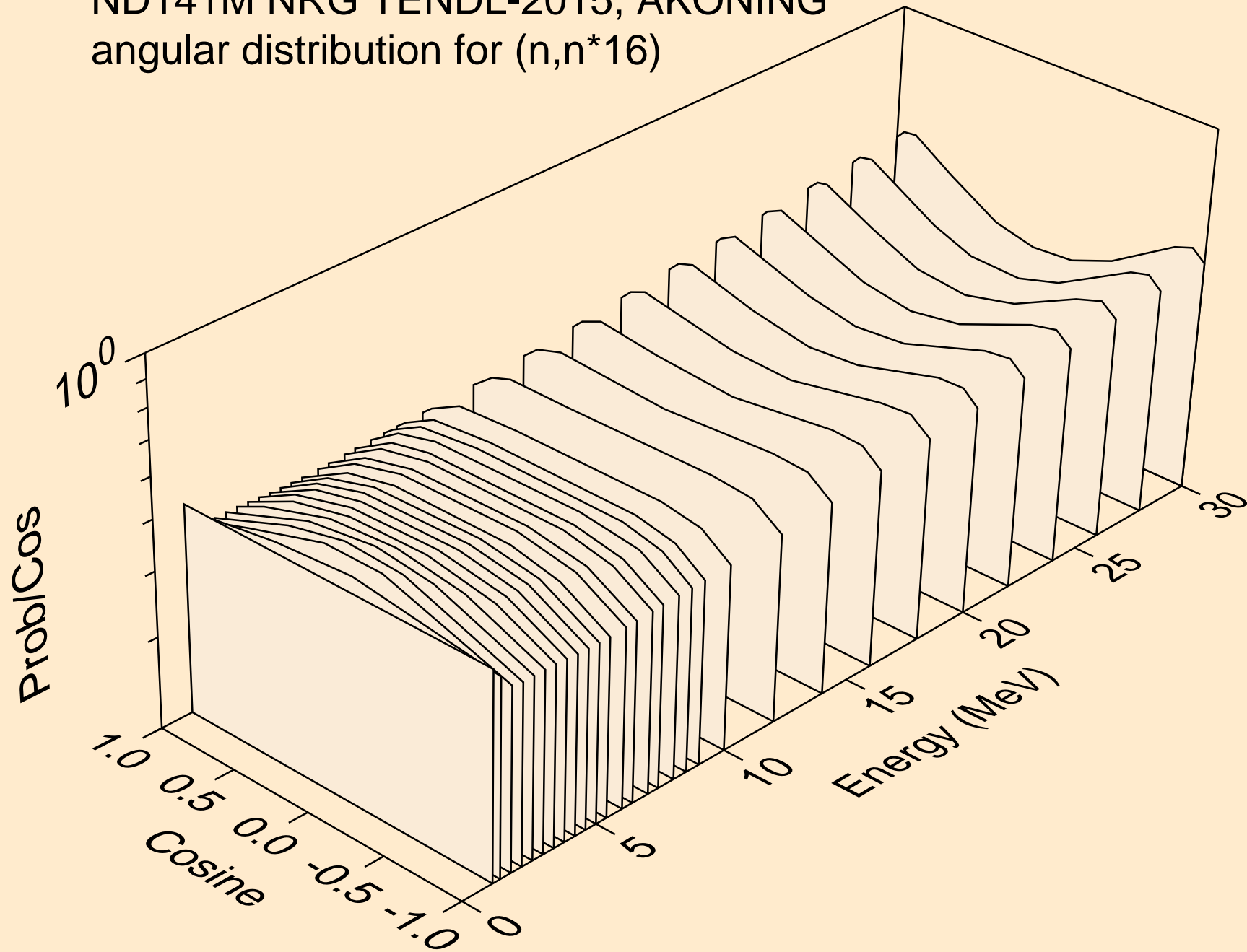
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



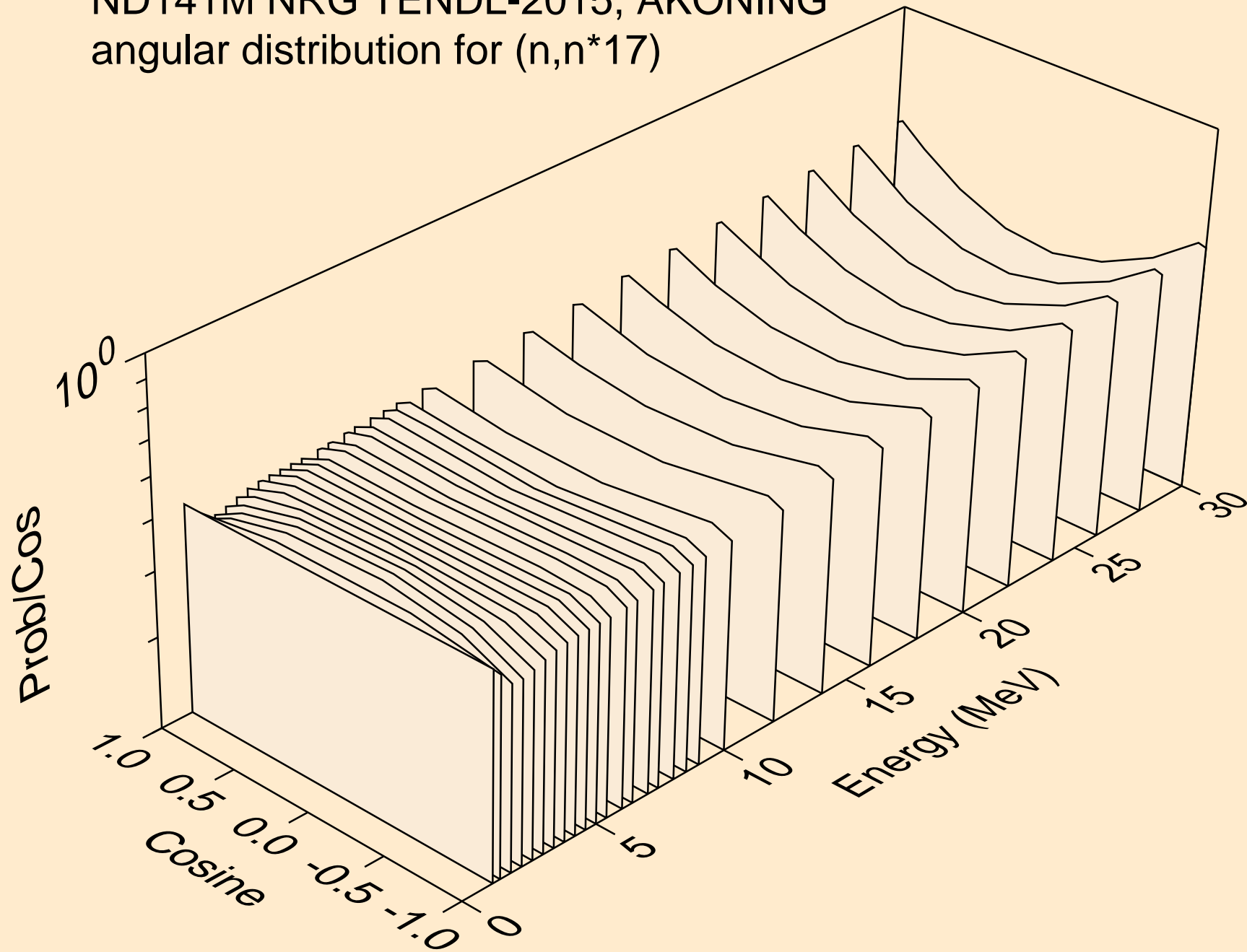
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



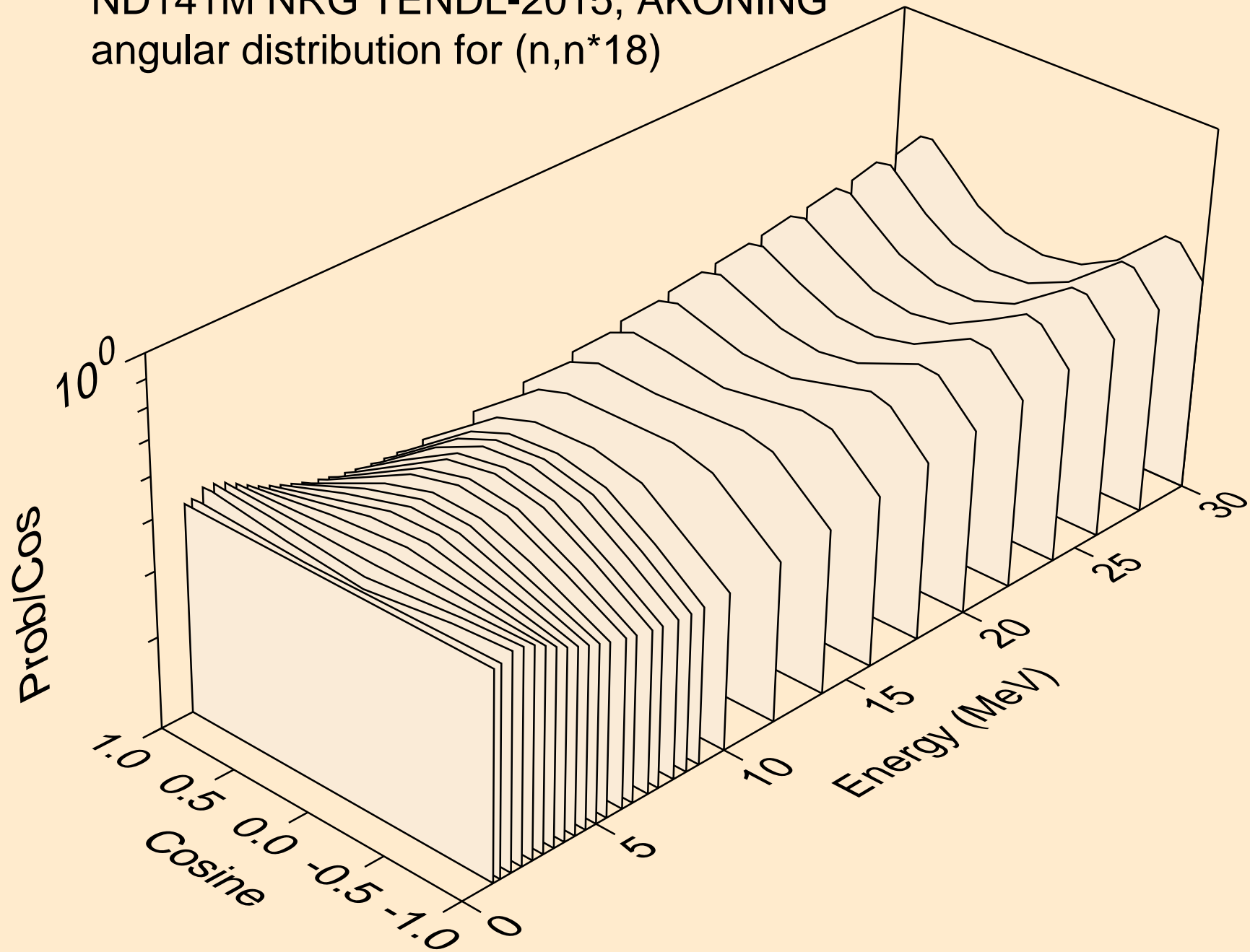
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



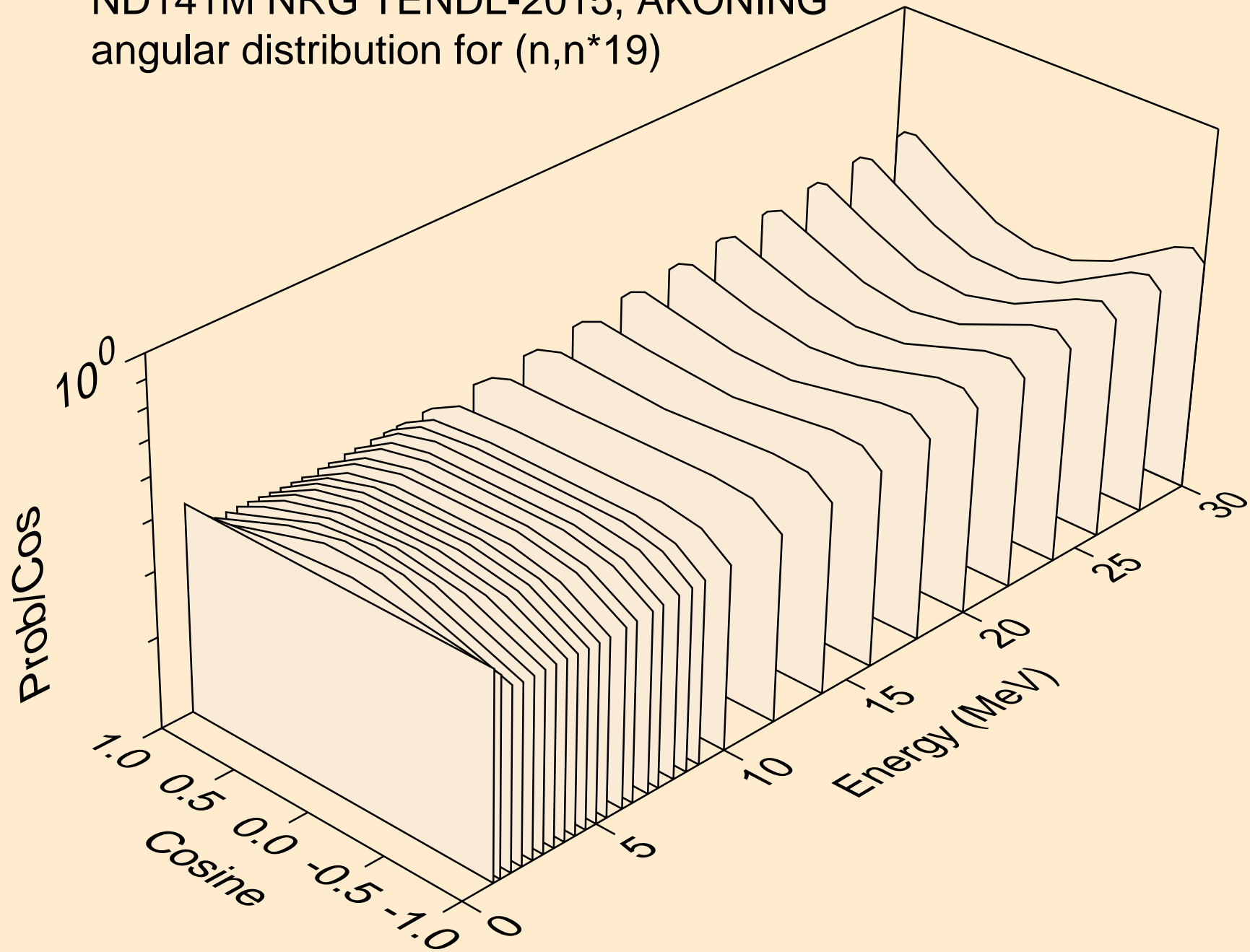
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



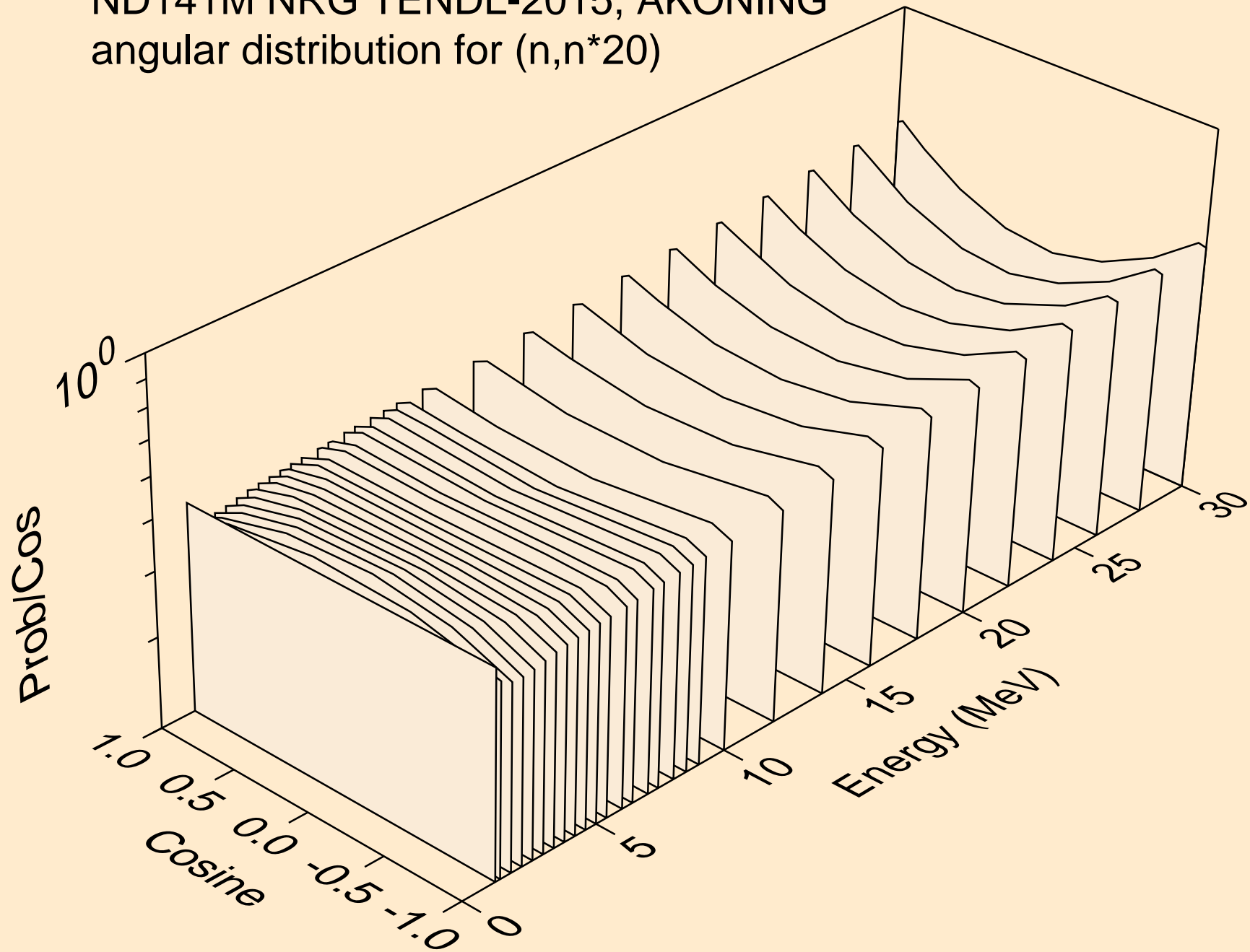
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

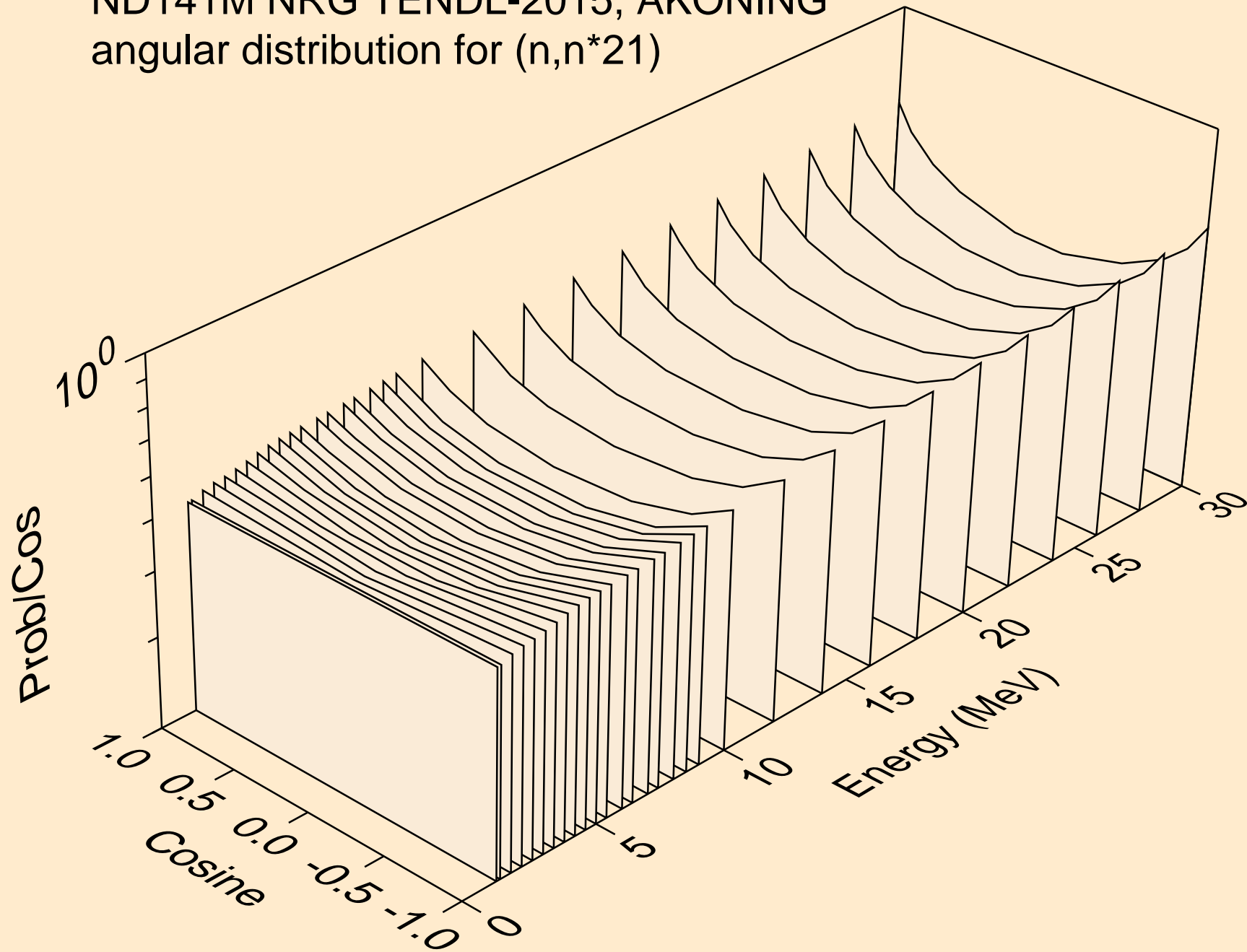


ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

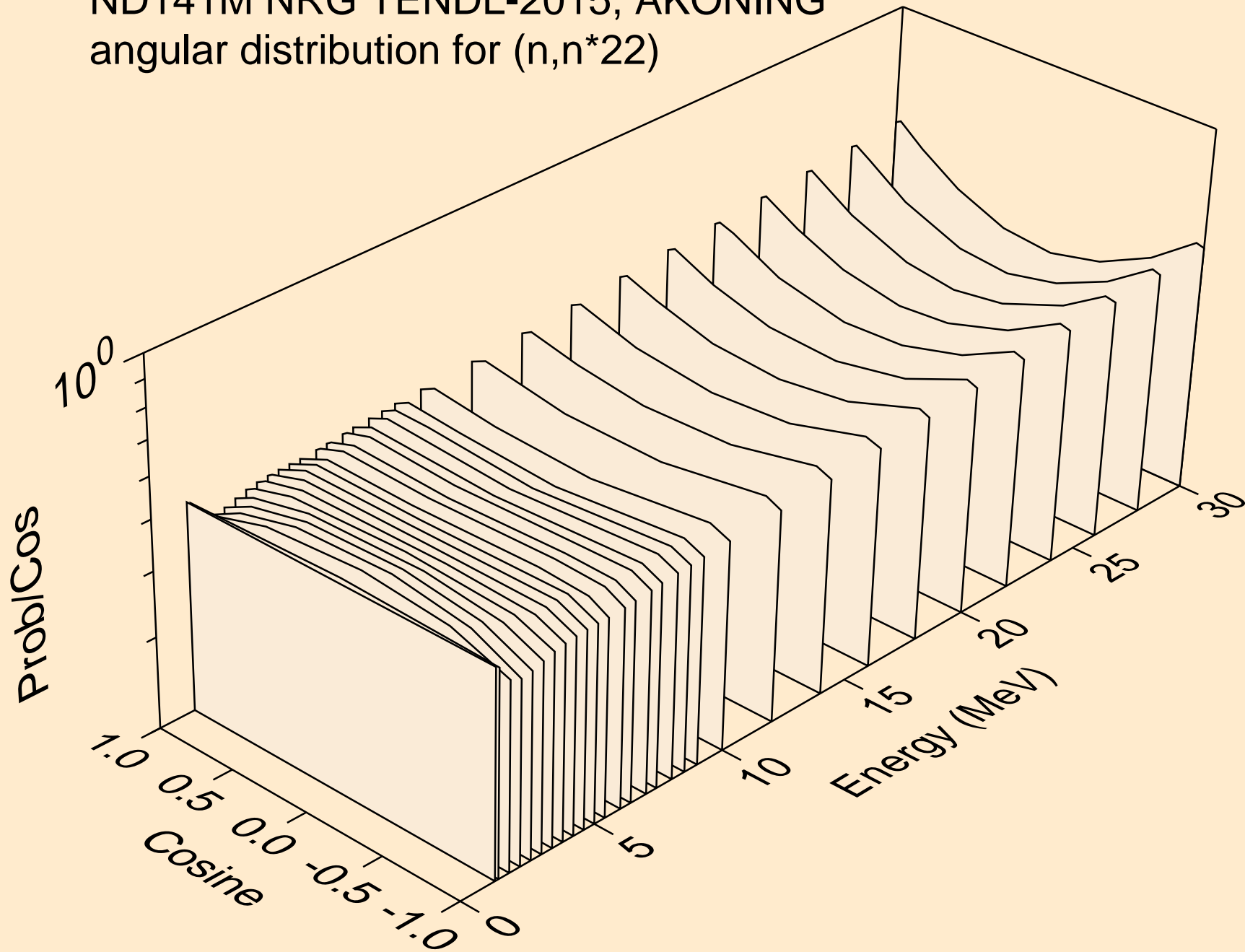




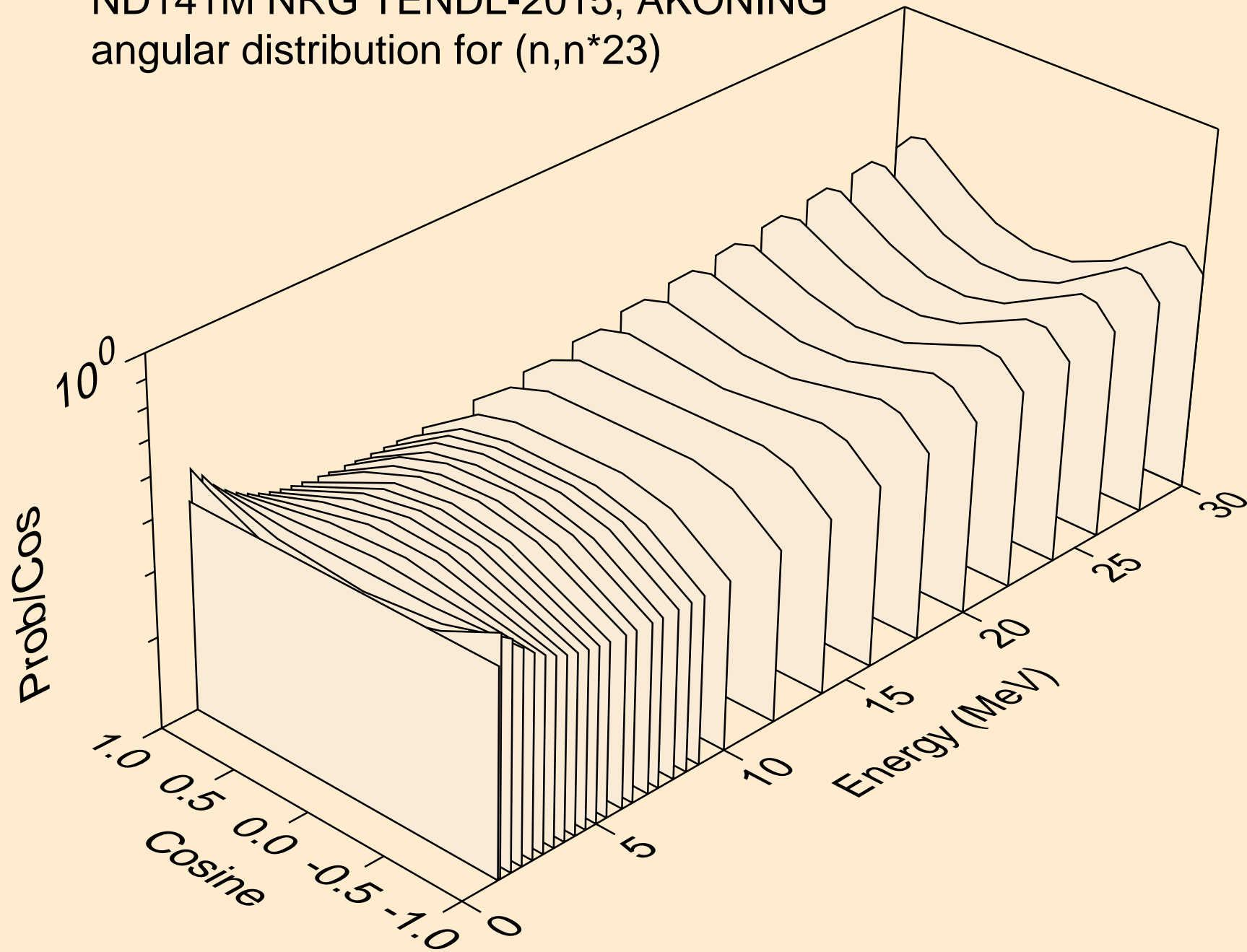
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



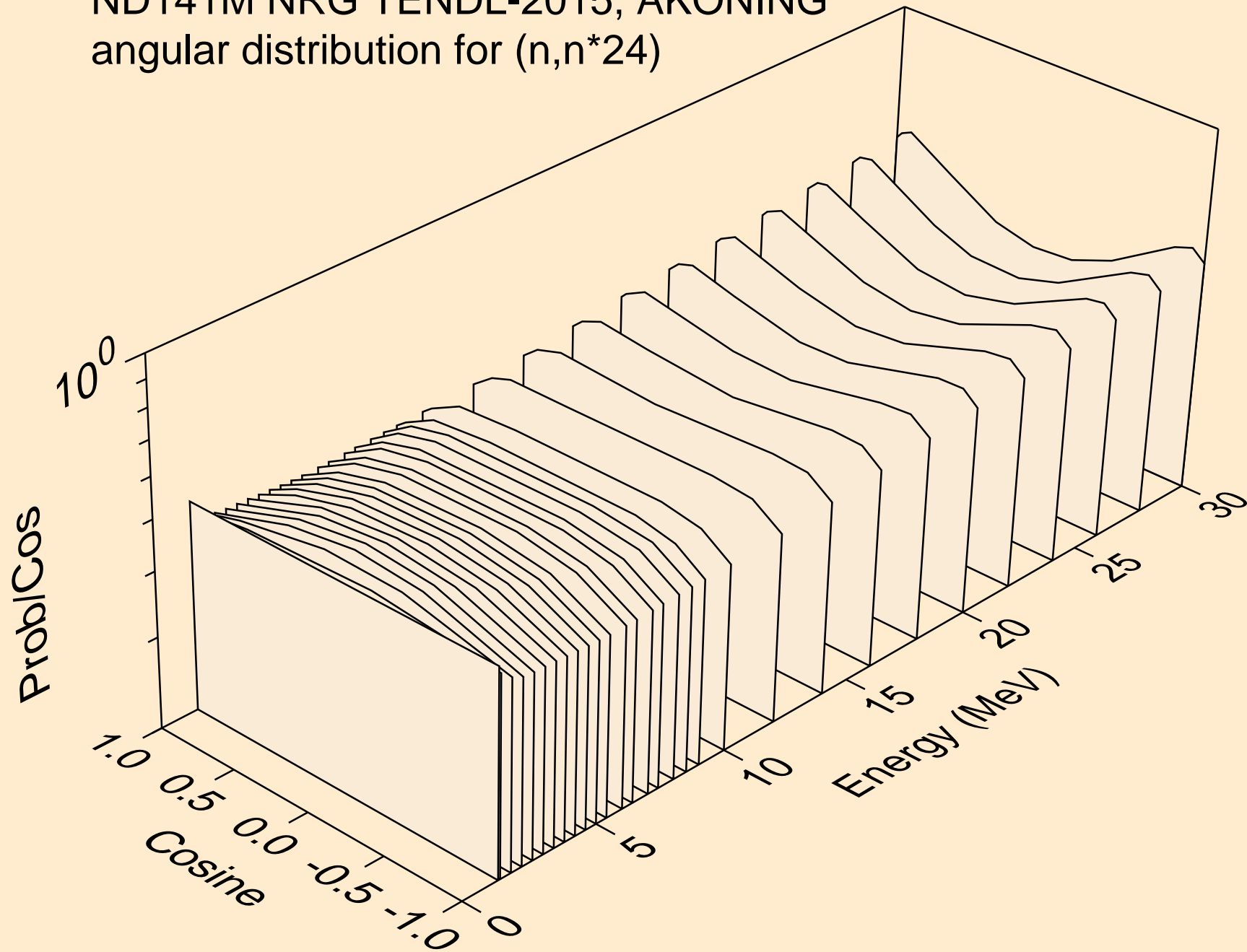
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



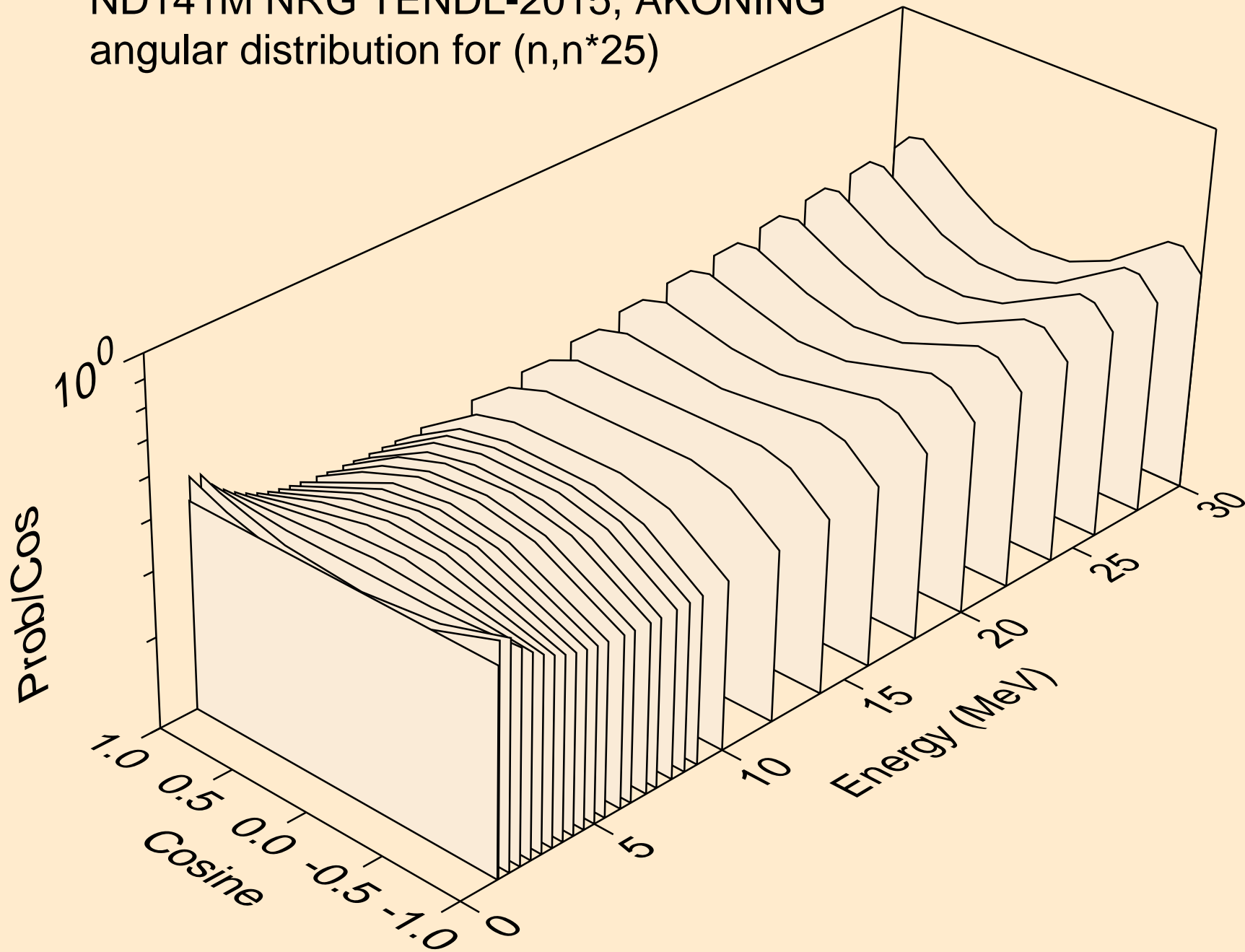
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angular distribution for (n,n\*23)



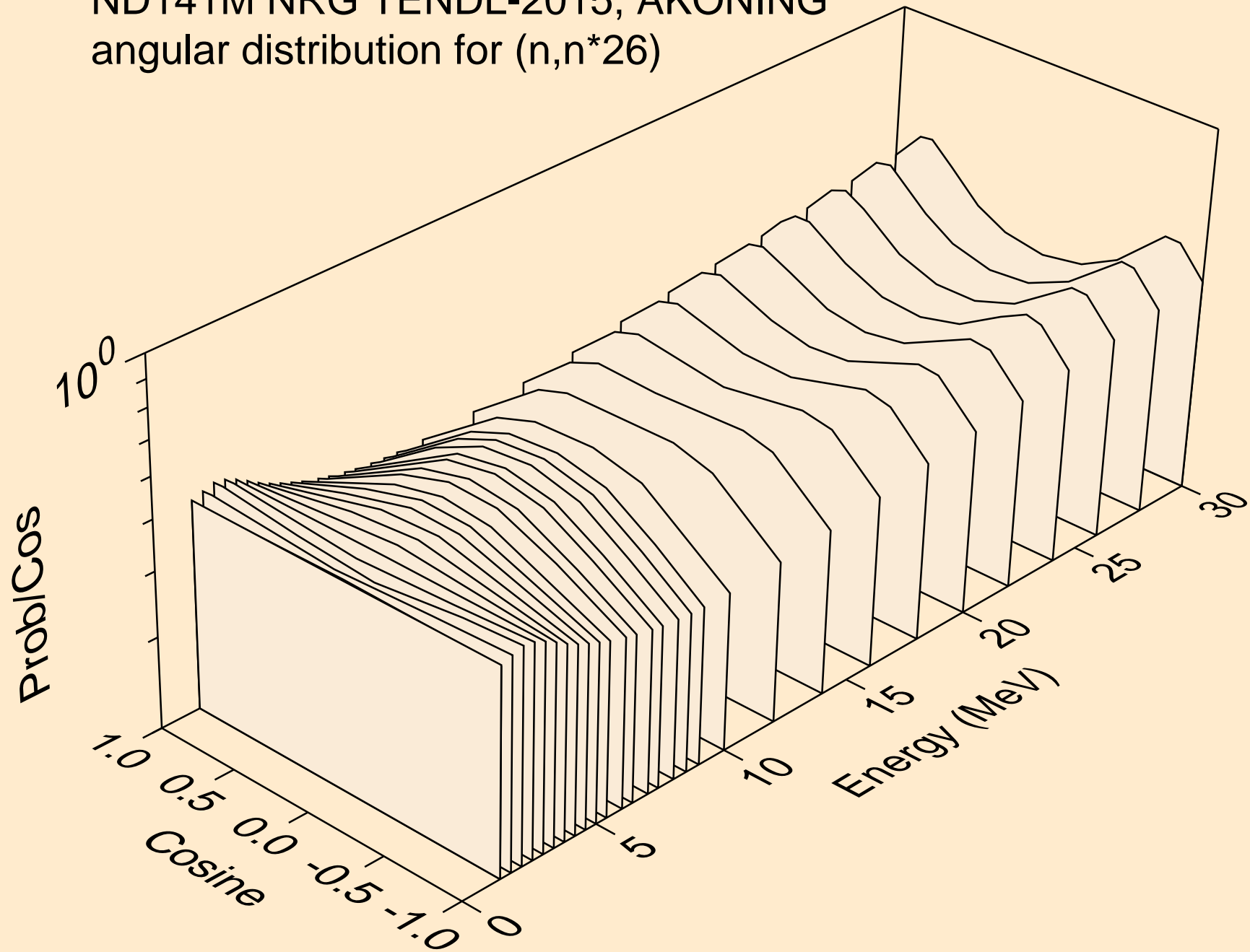
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



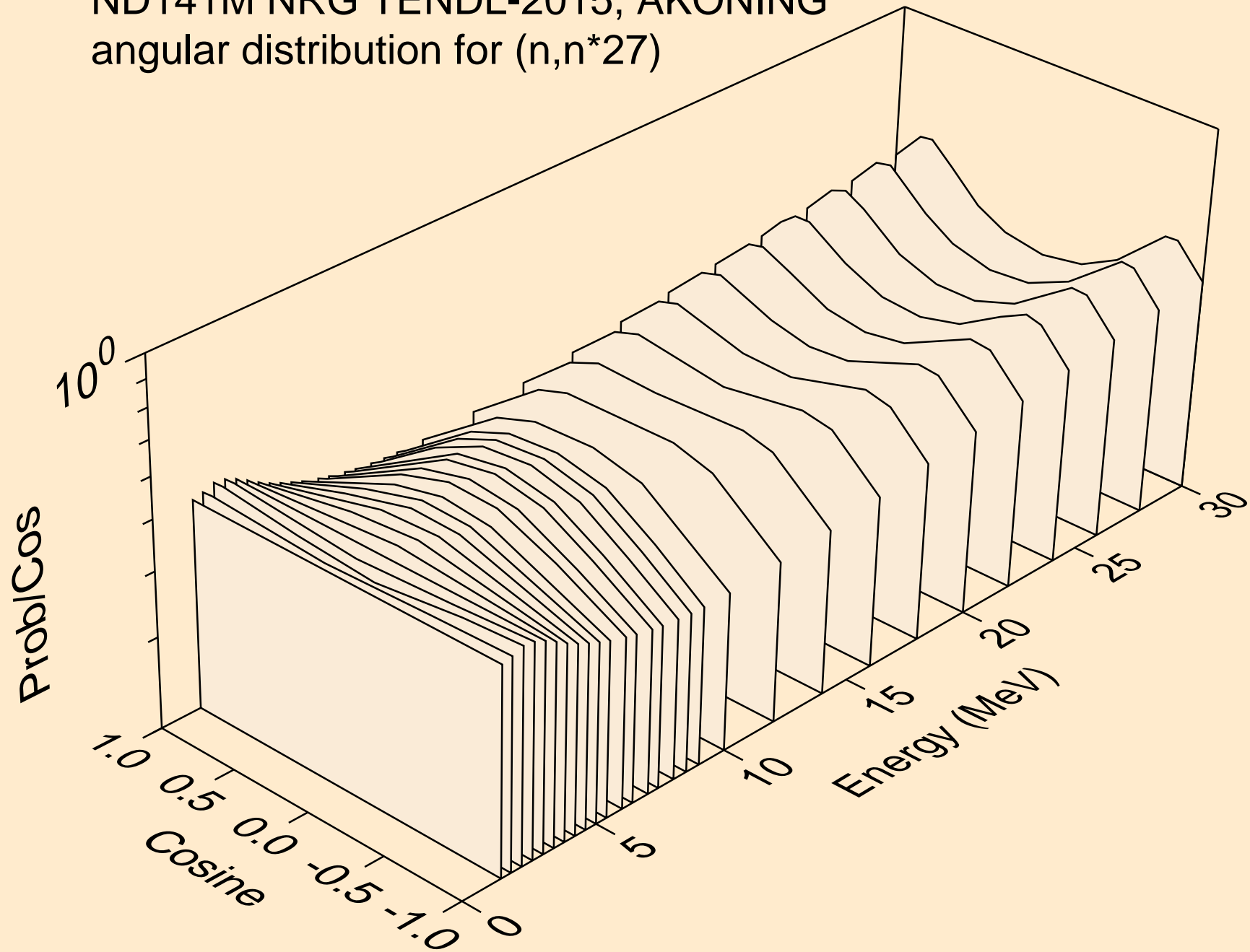
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



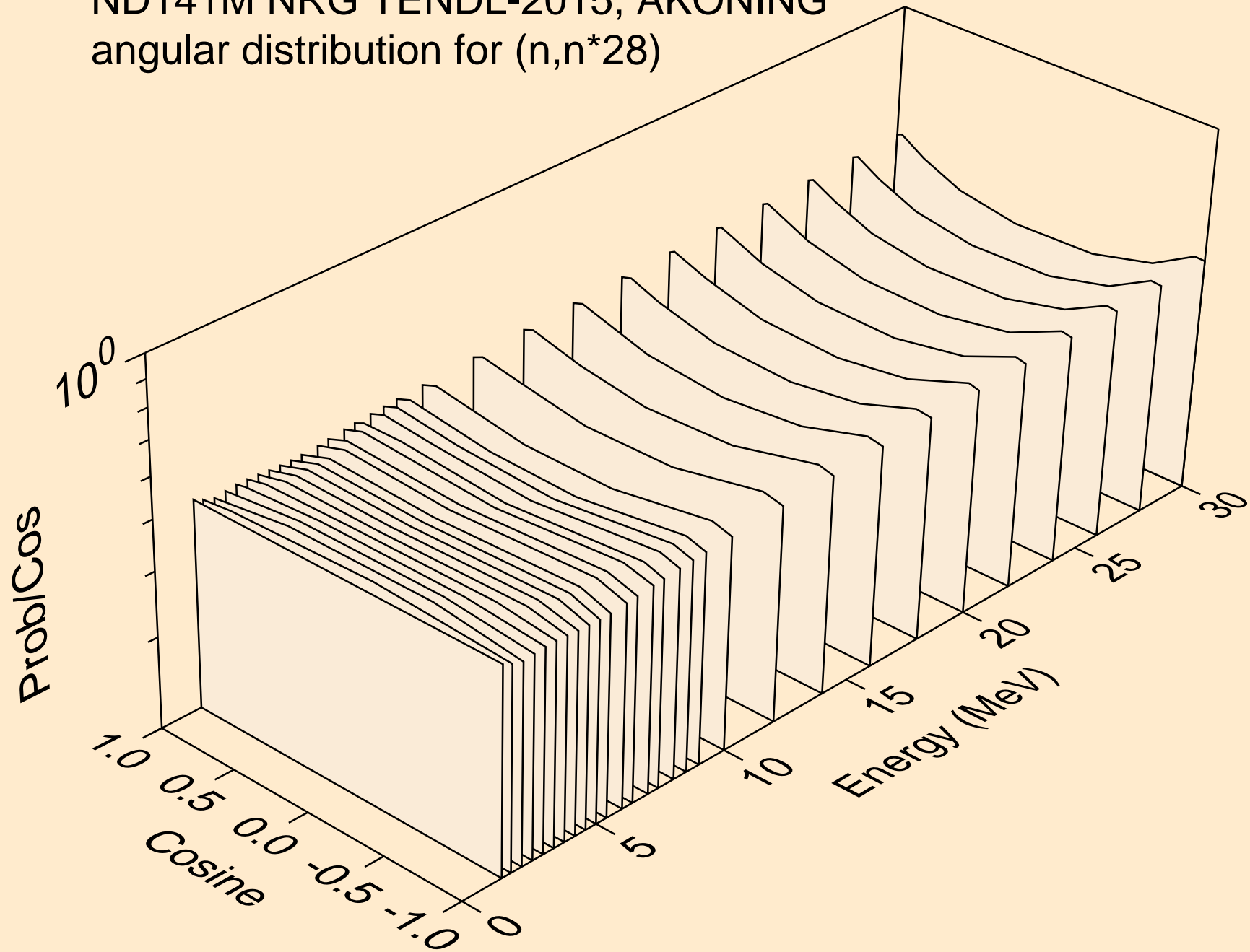
ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

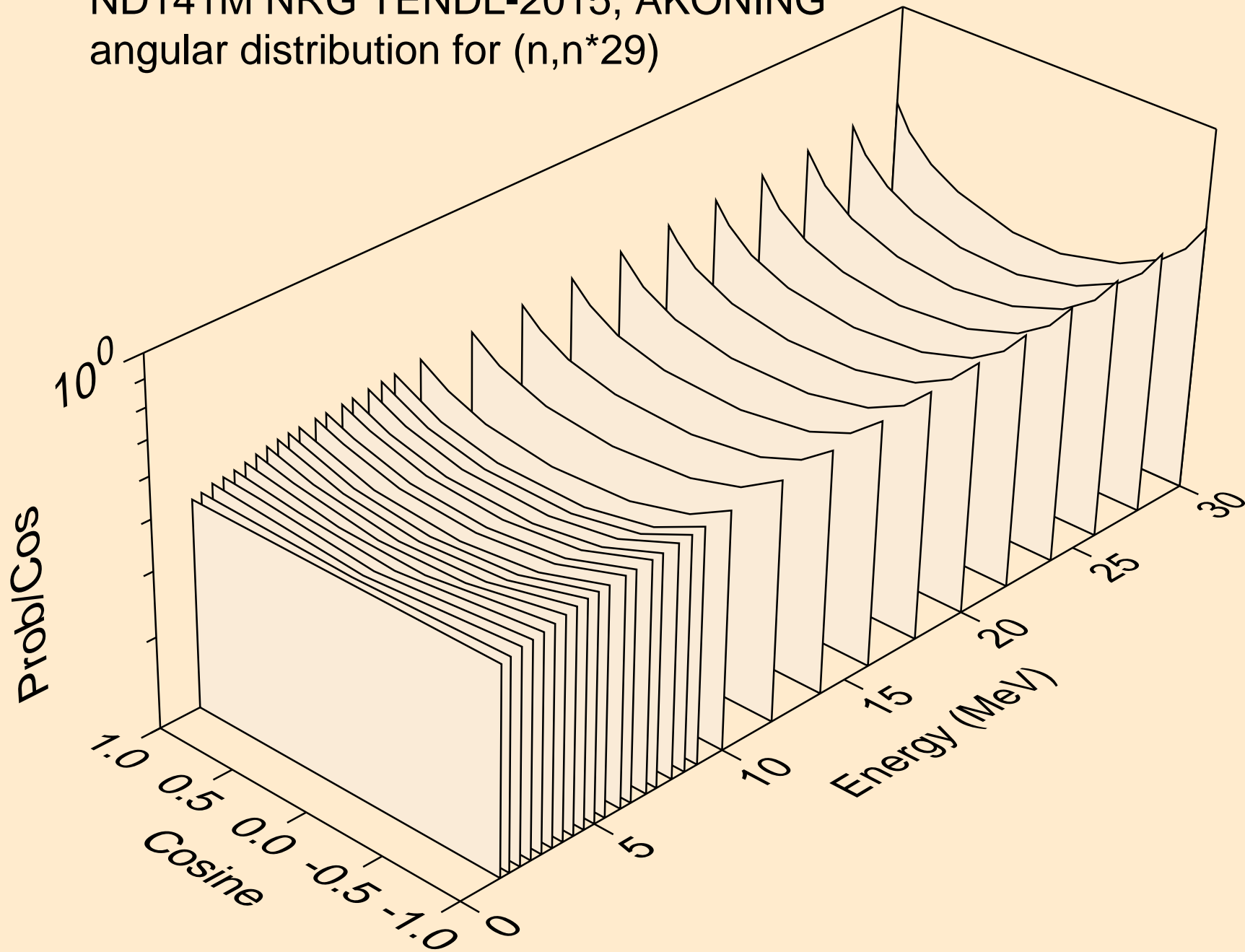


ND141M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

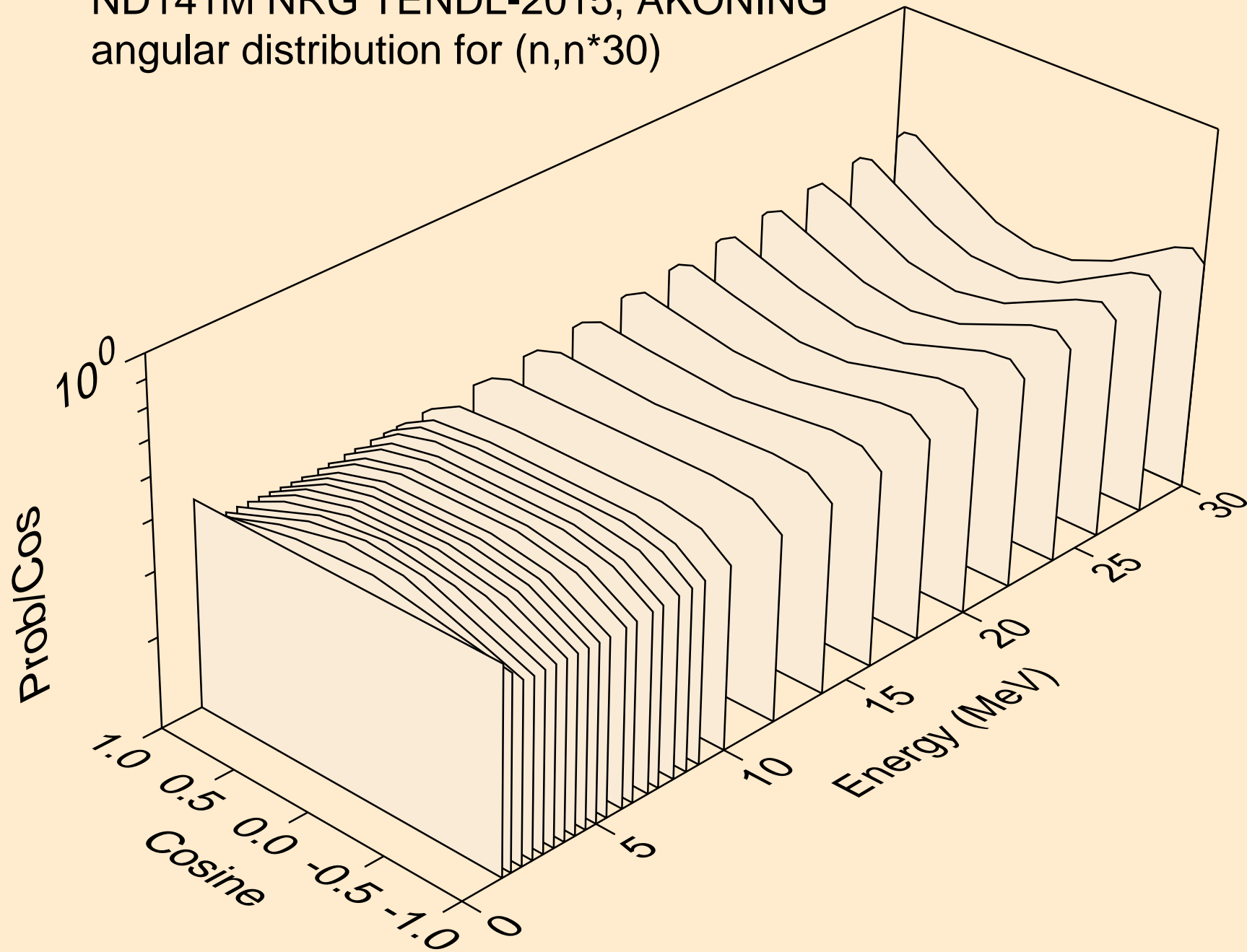




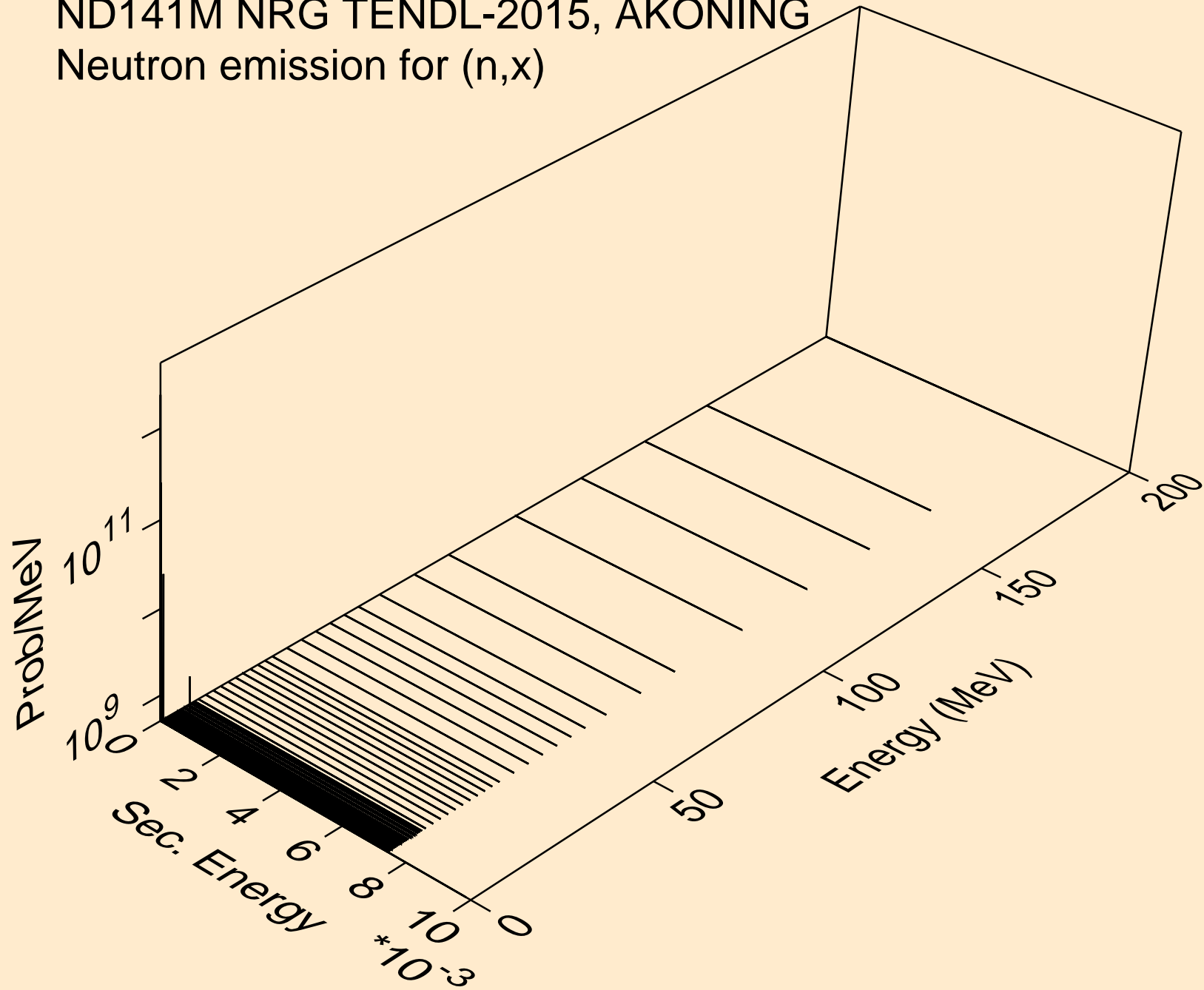
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angular distribution for (n,n\*29)



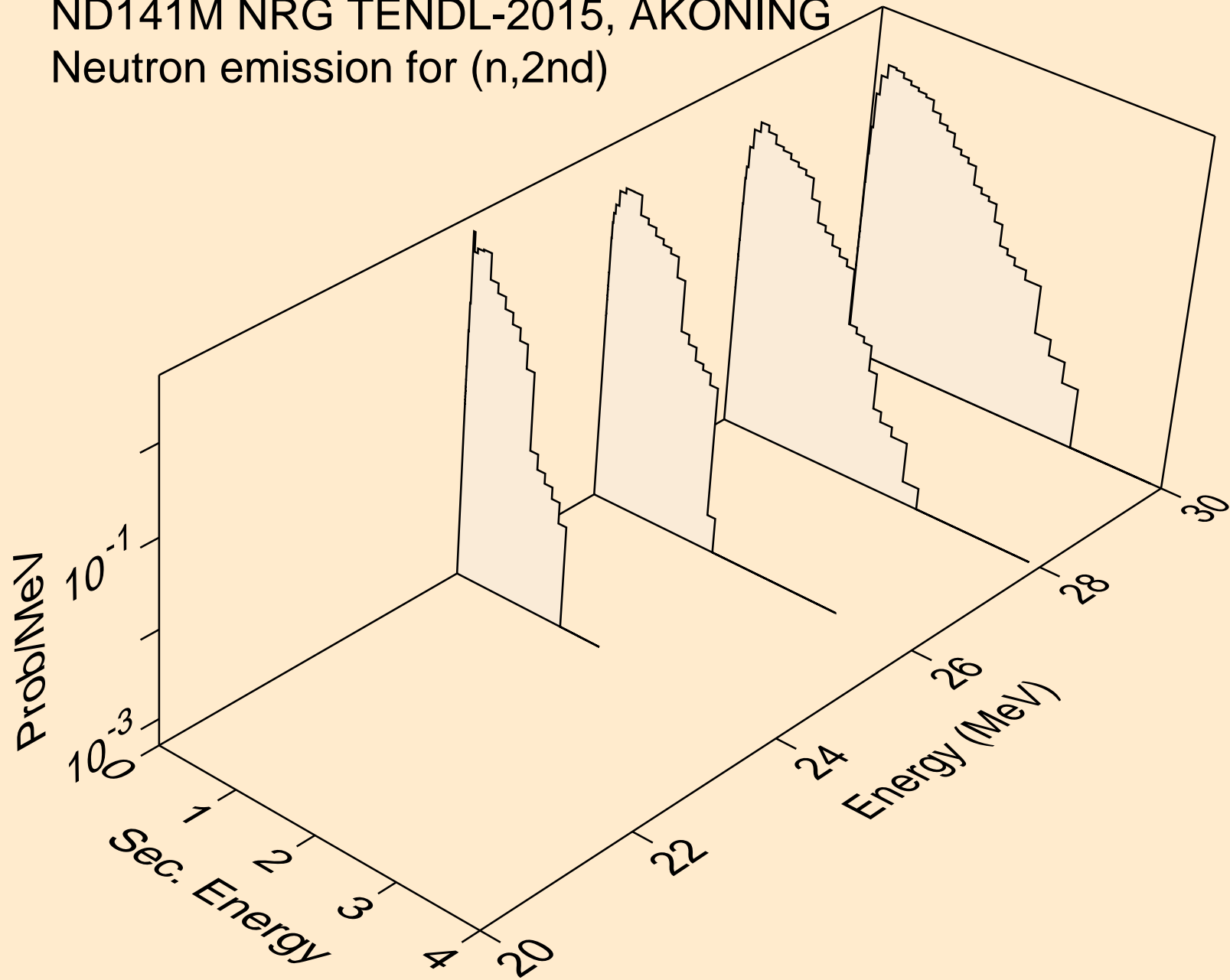
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angular distribution for (n,n\*30)



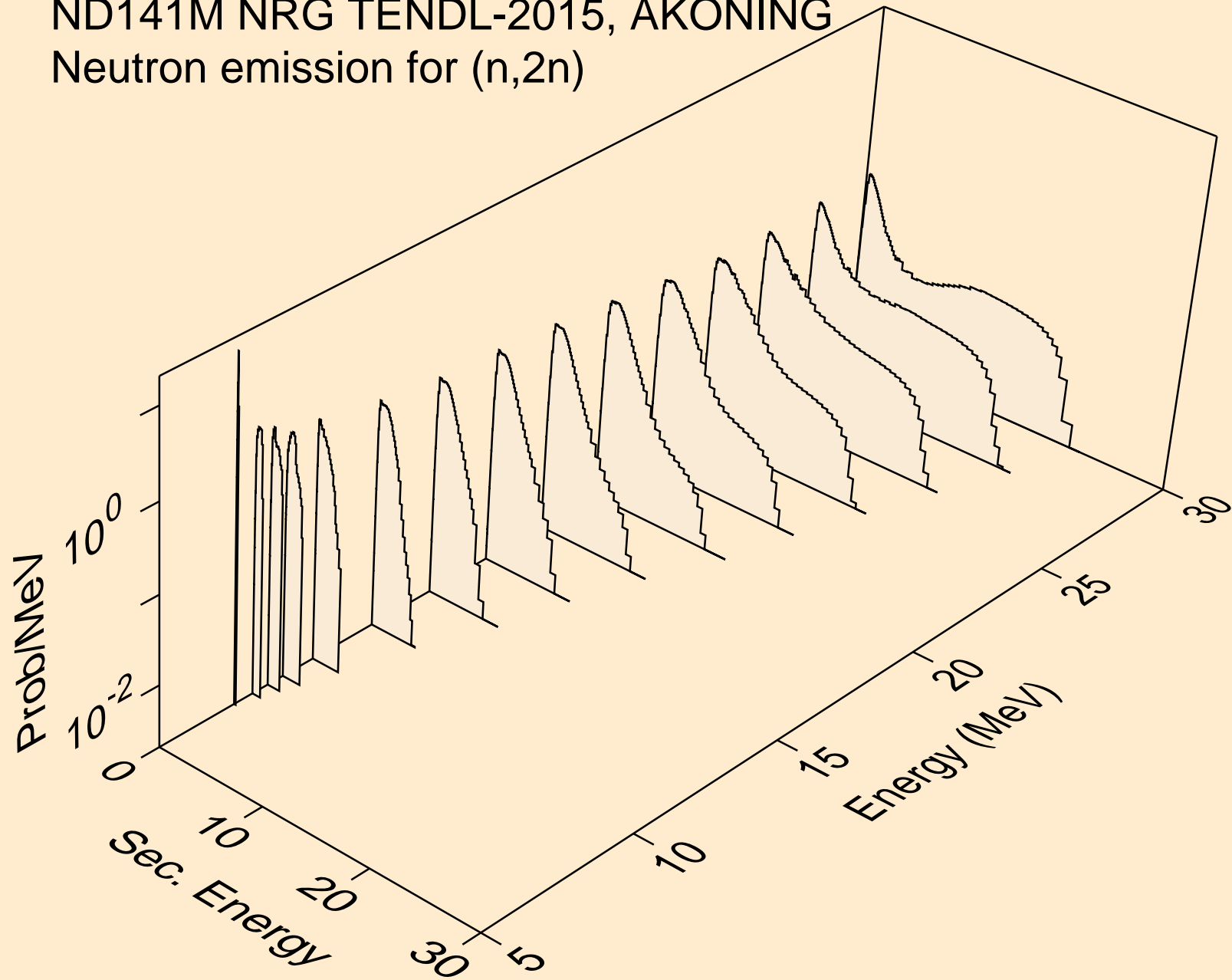
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



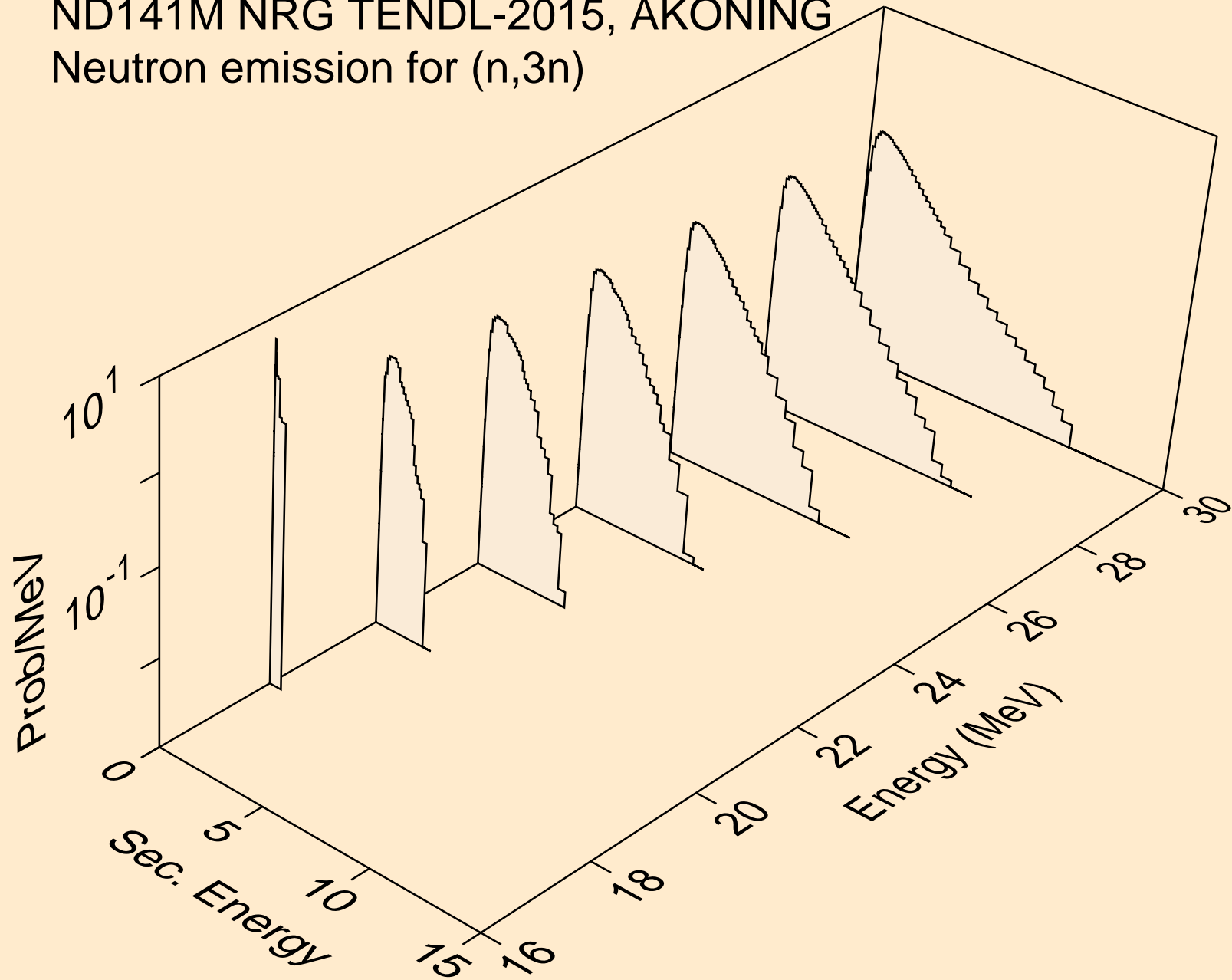
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



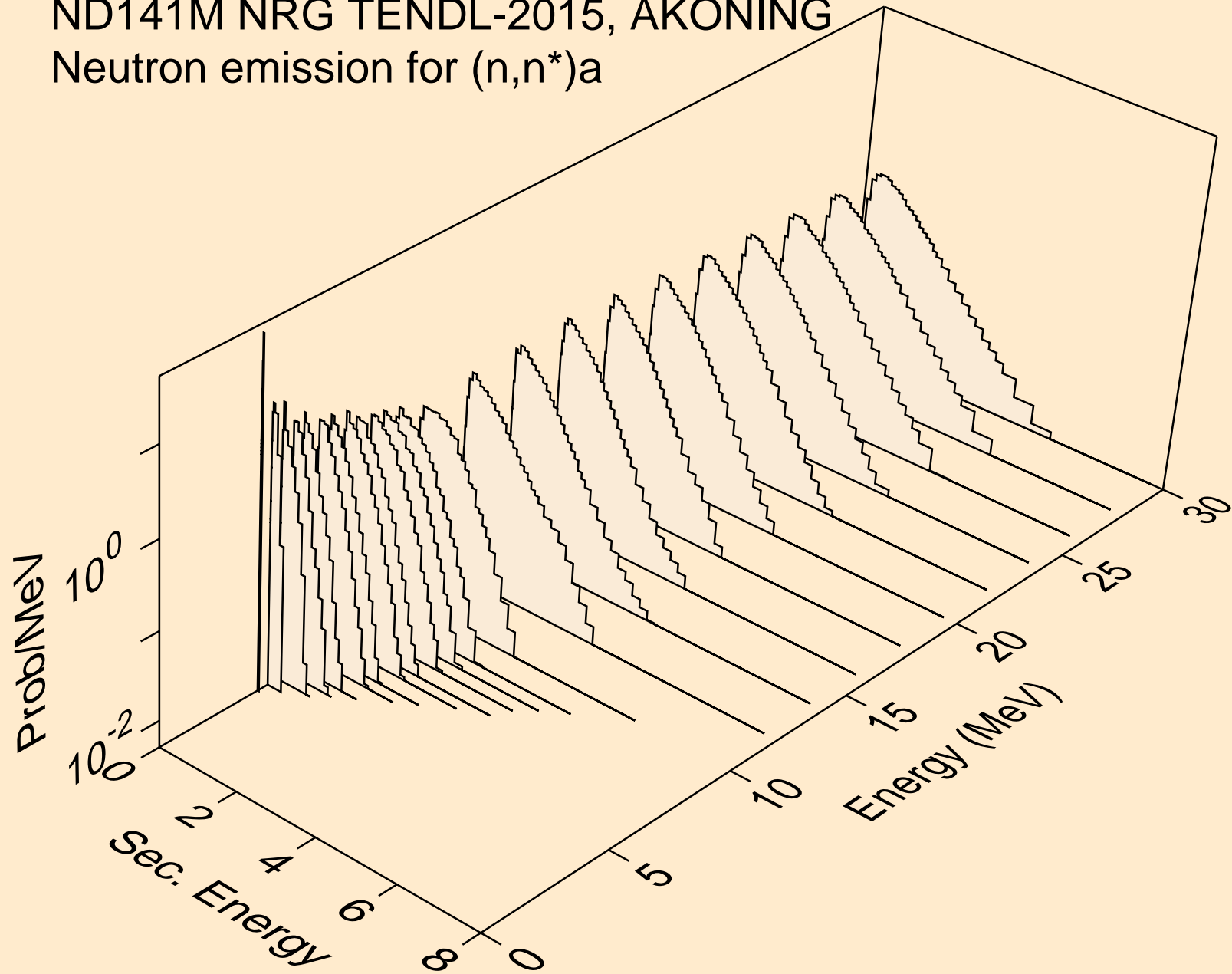
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



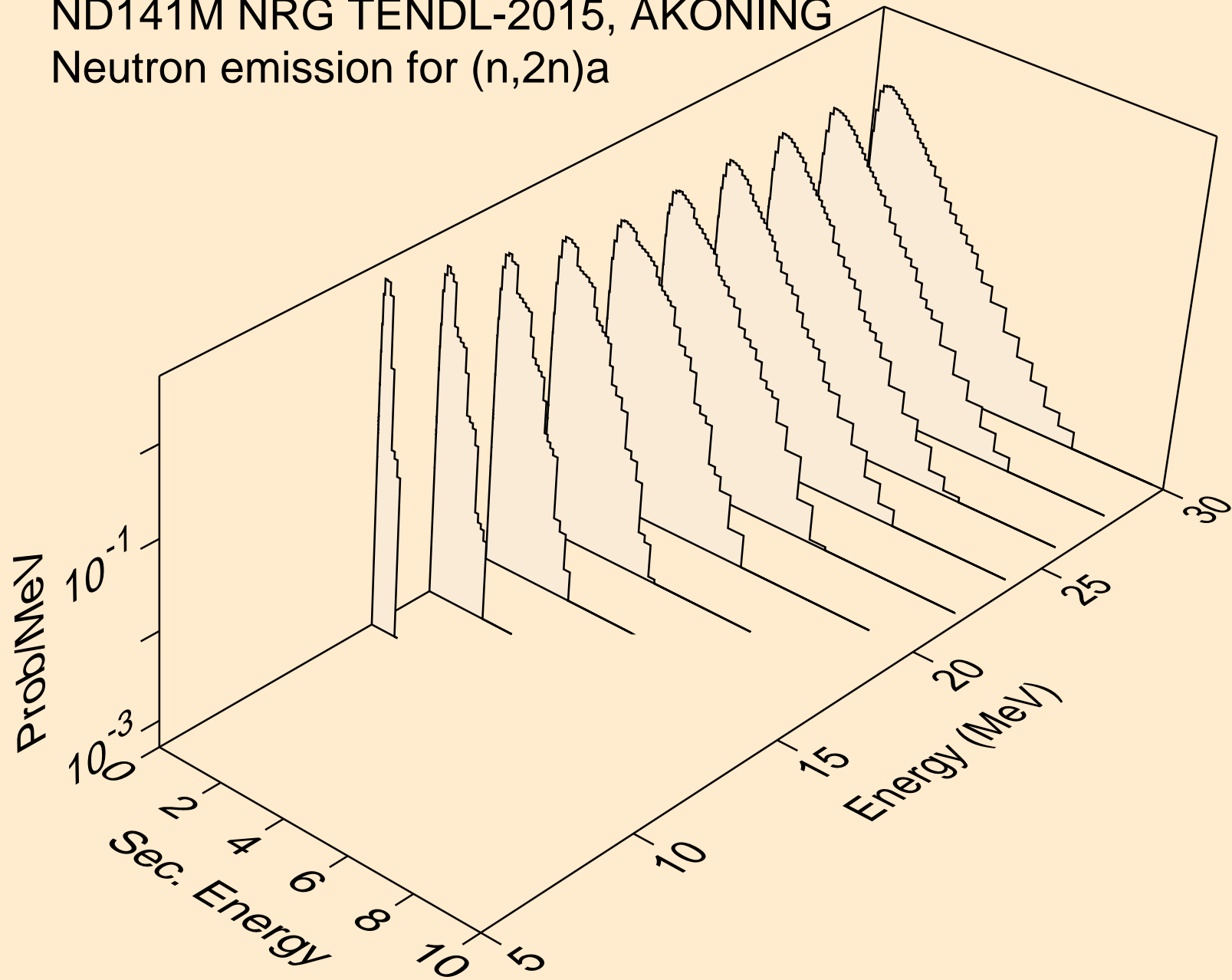
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

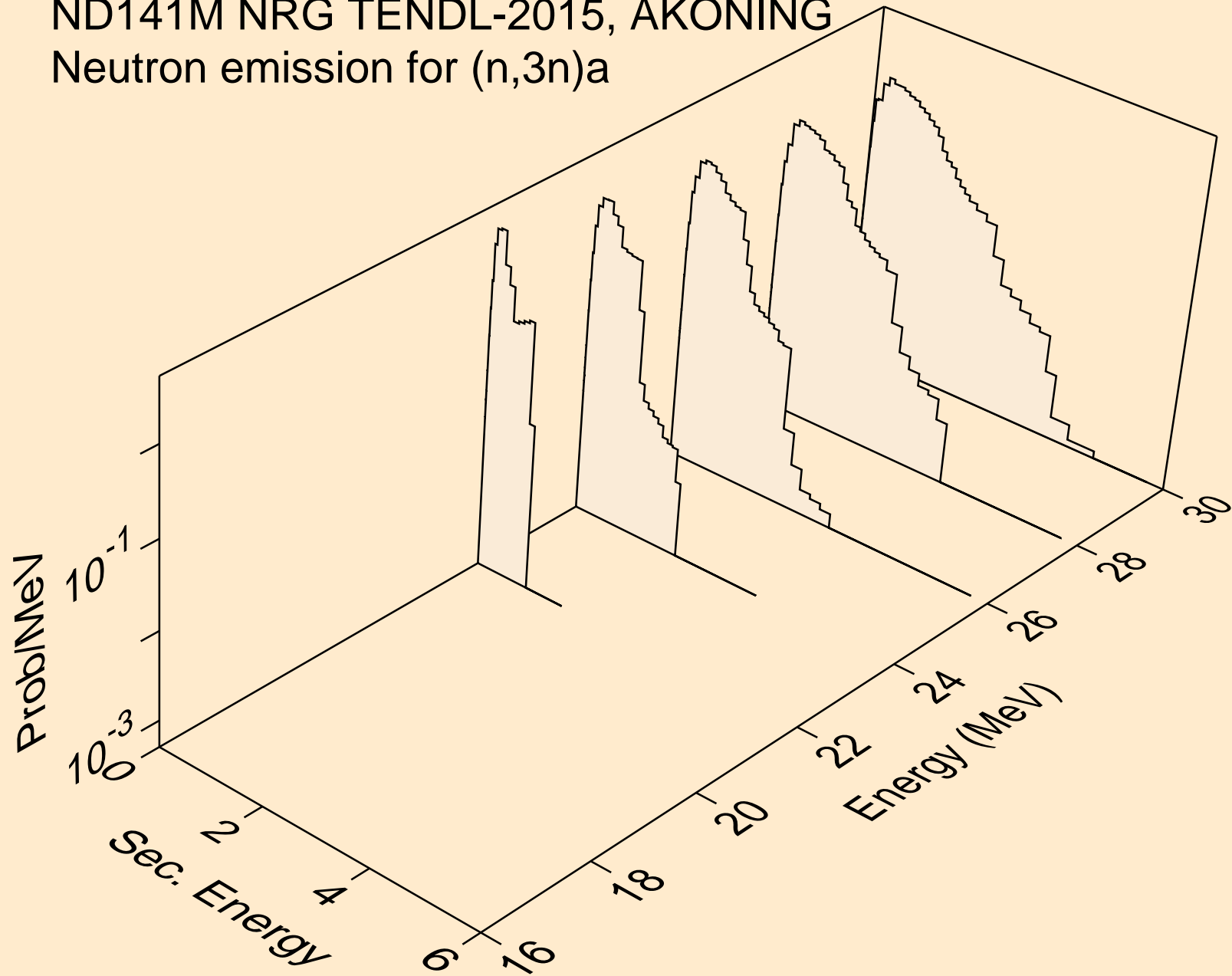


ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

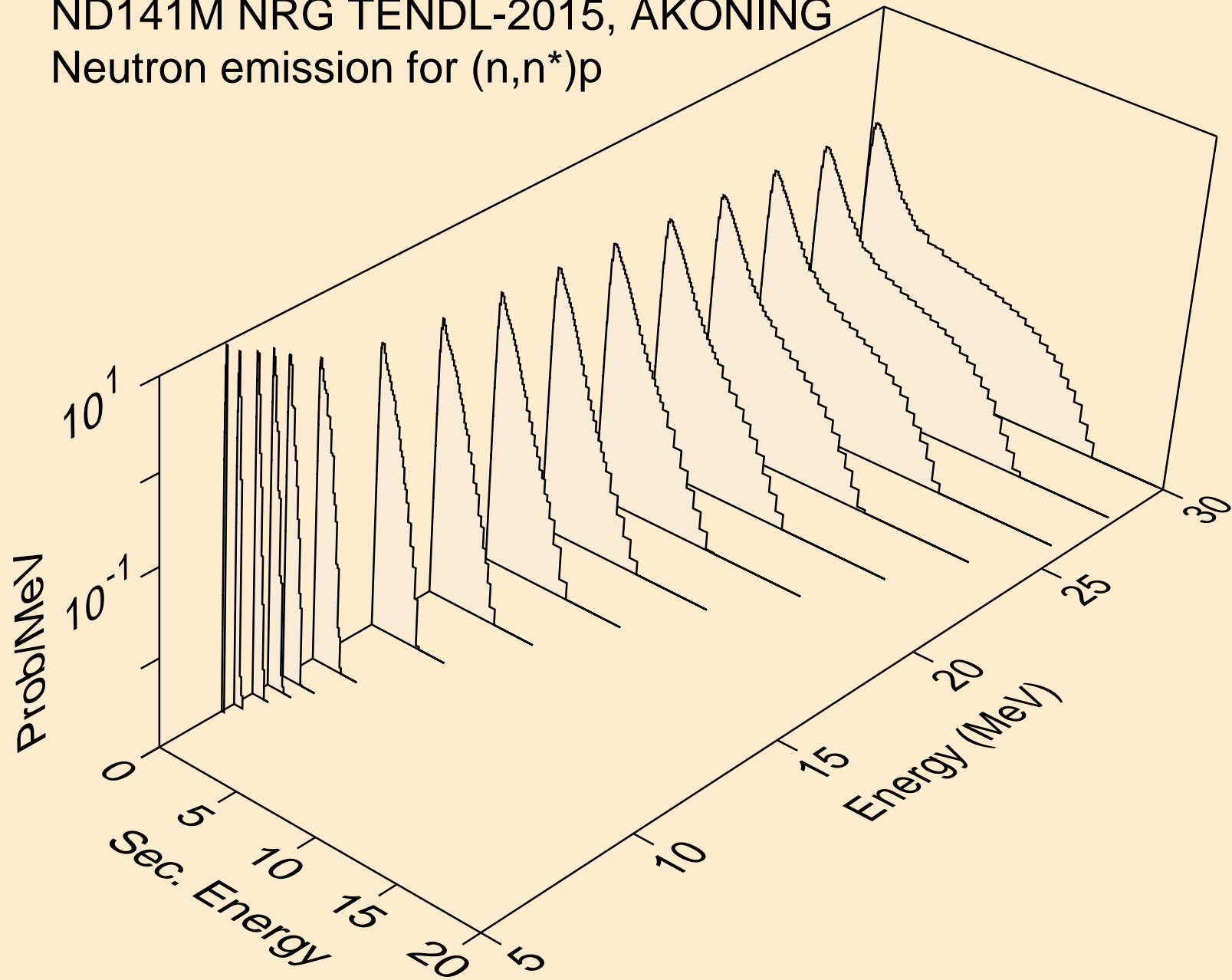




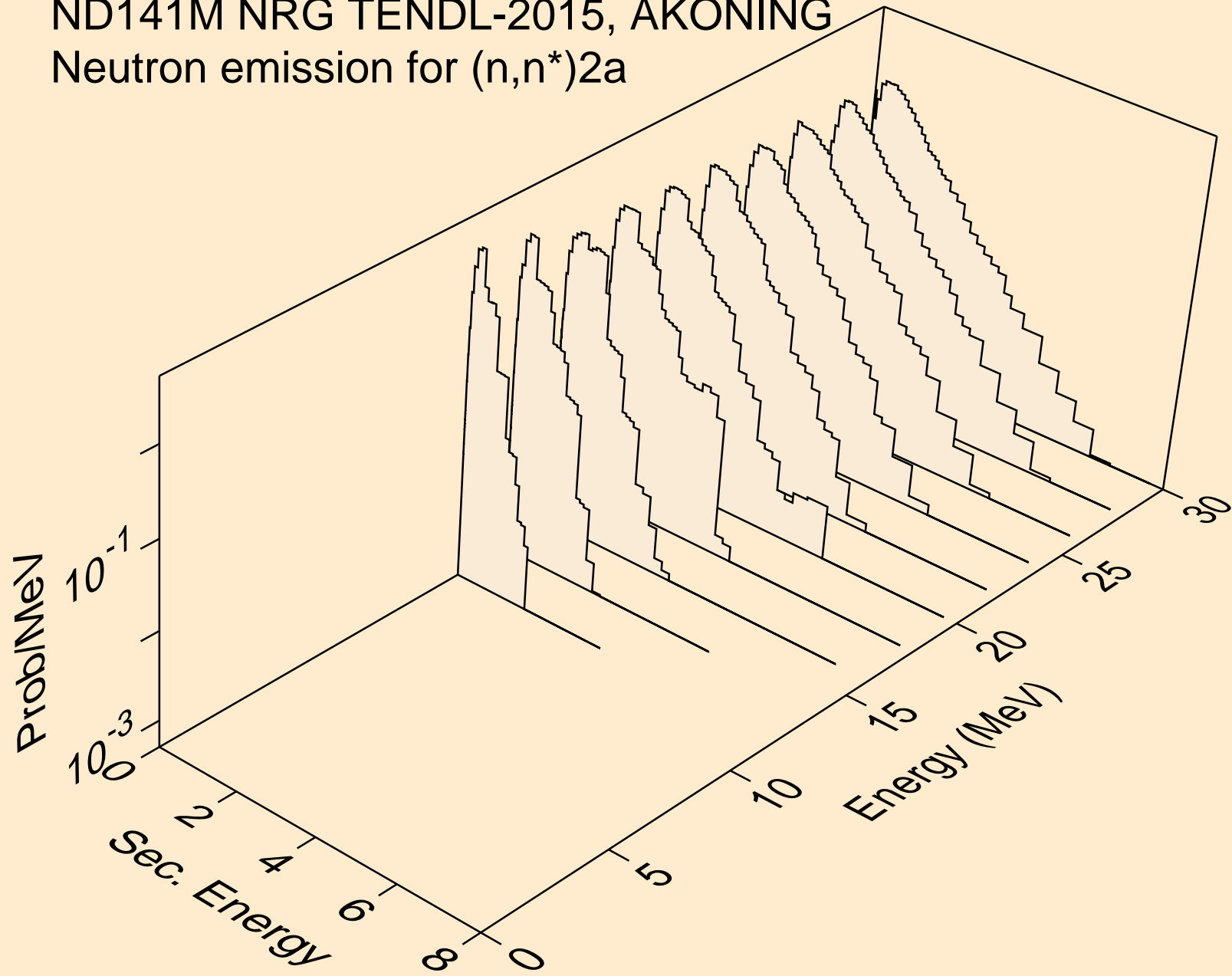
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



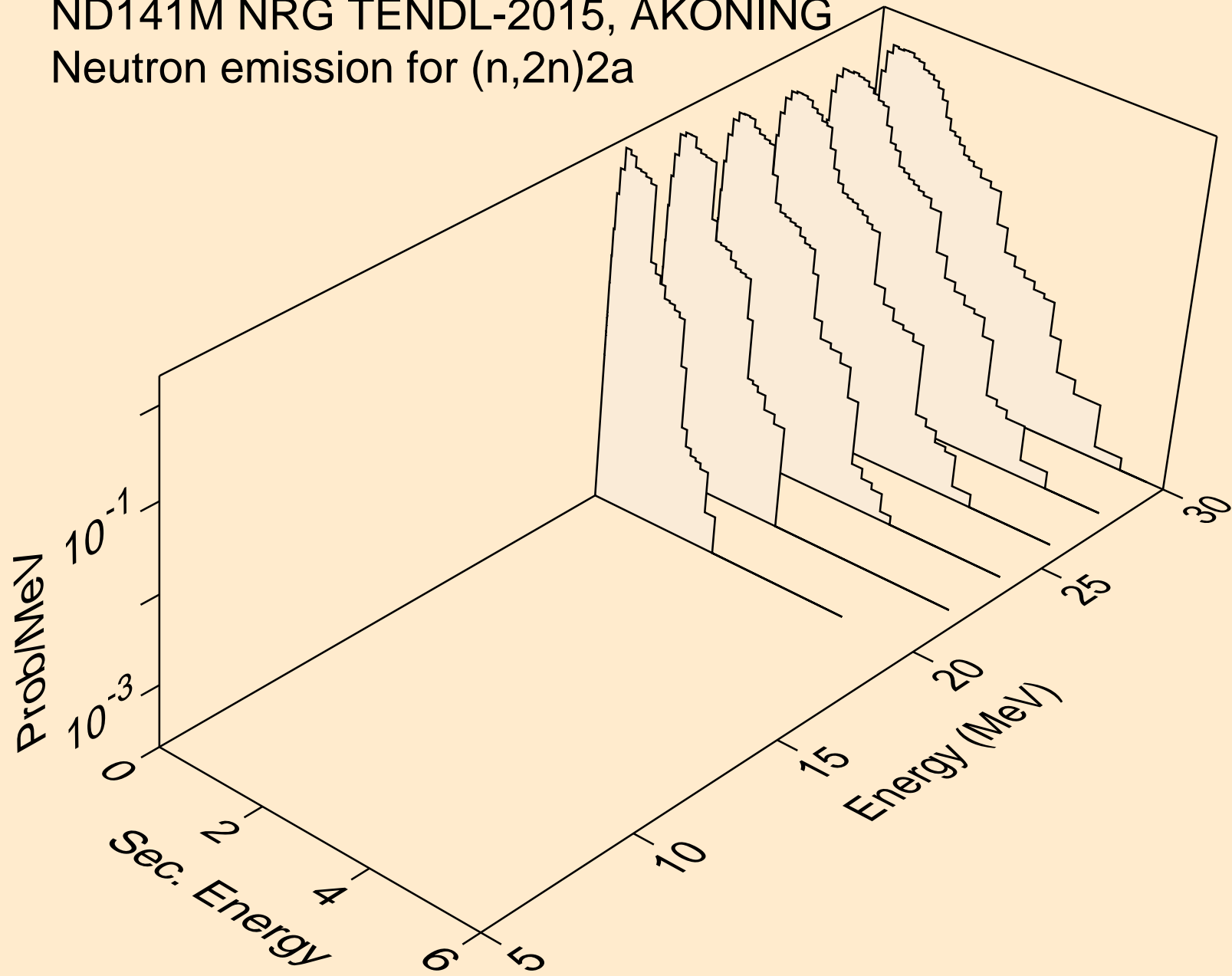
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



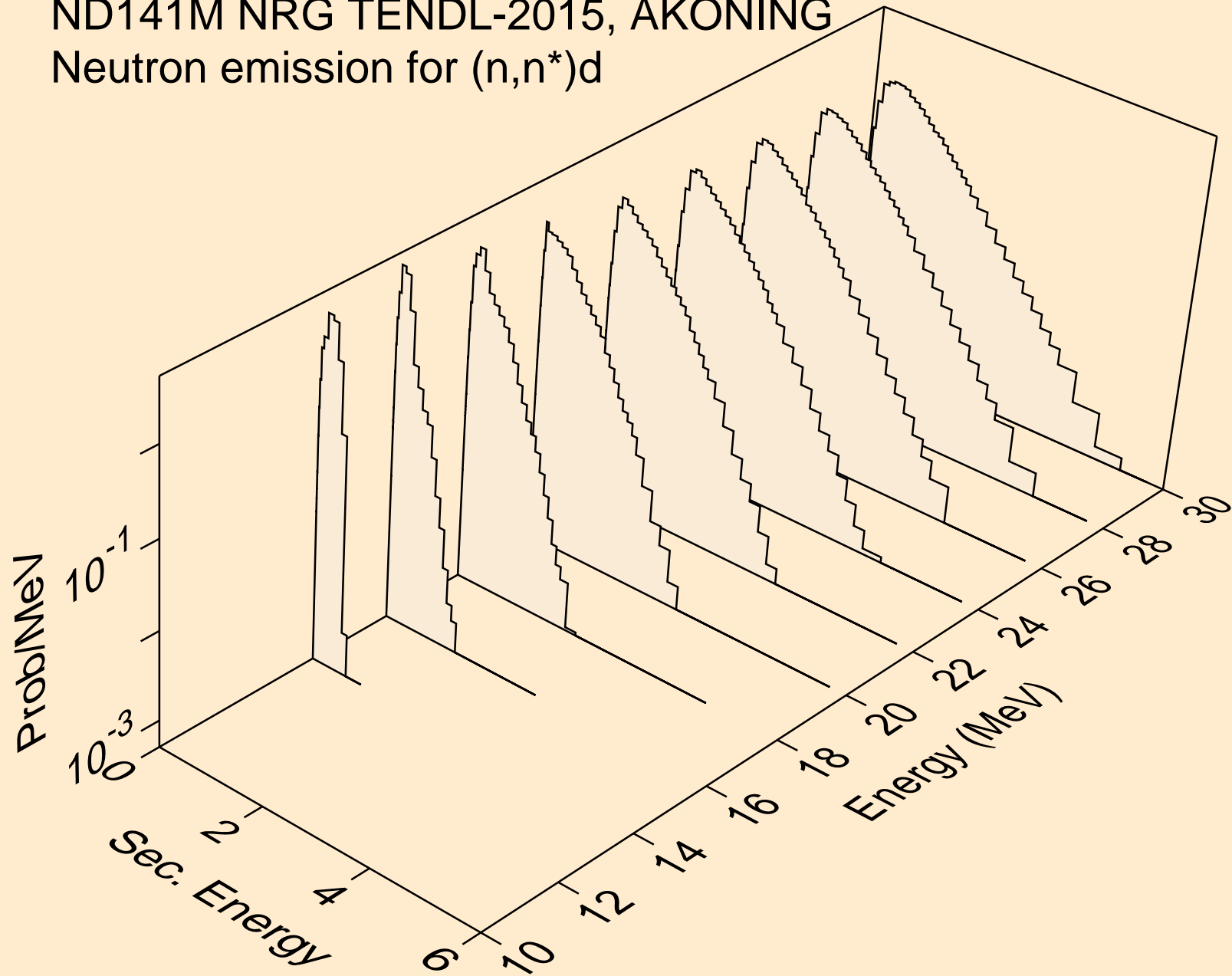
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



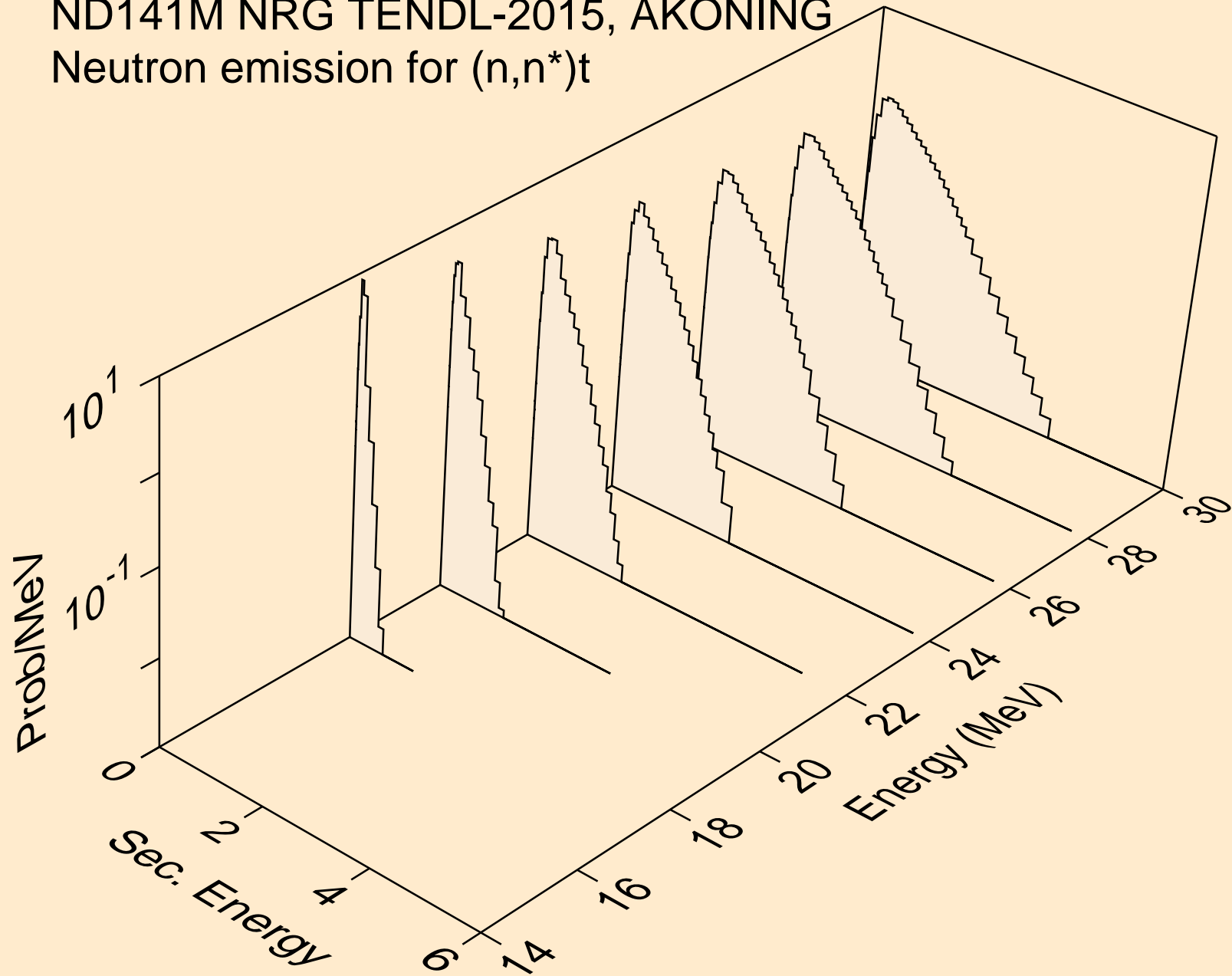
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



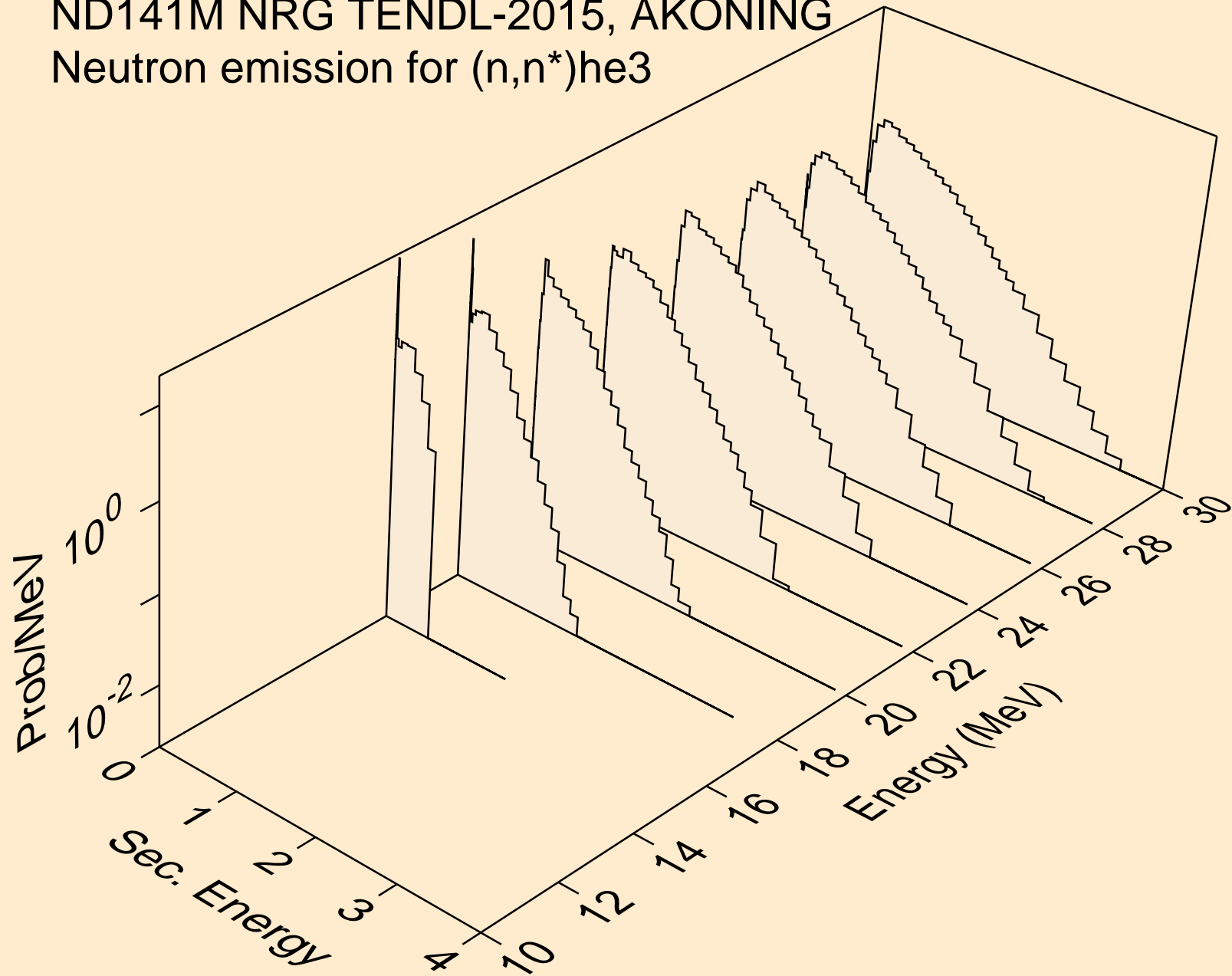
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



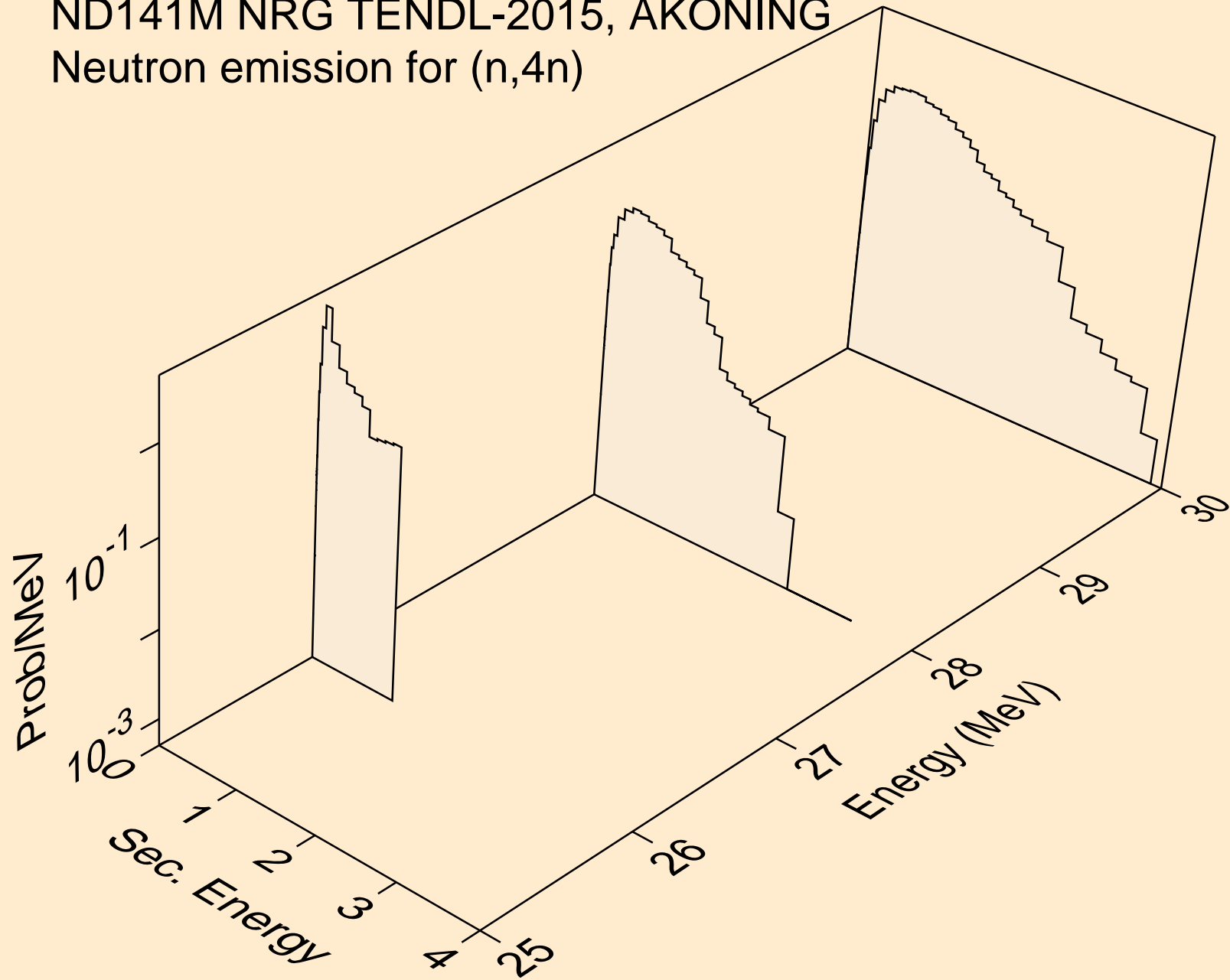
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

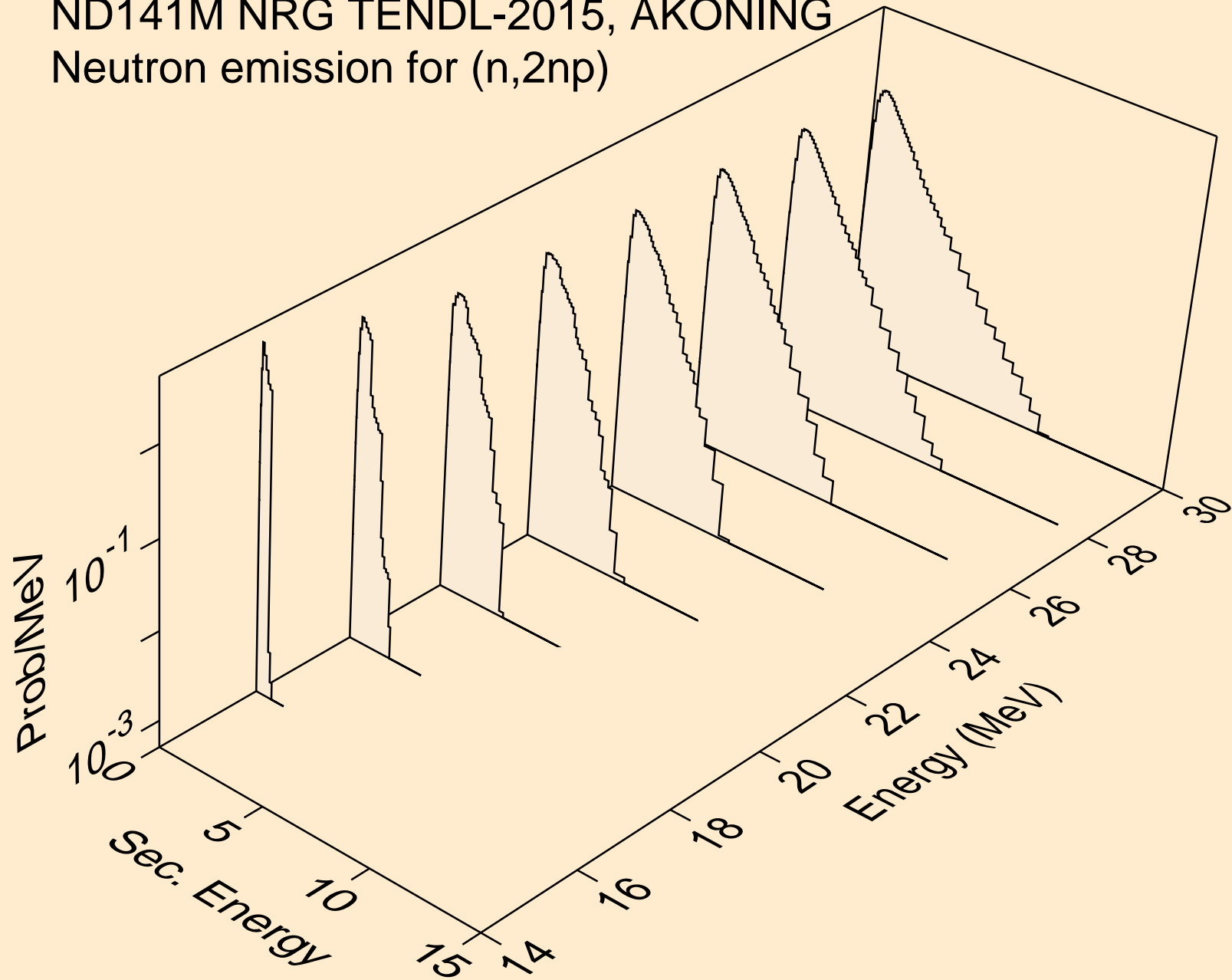


ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

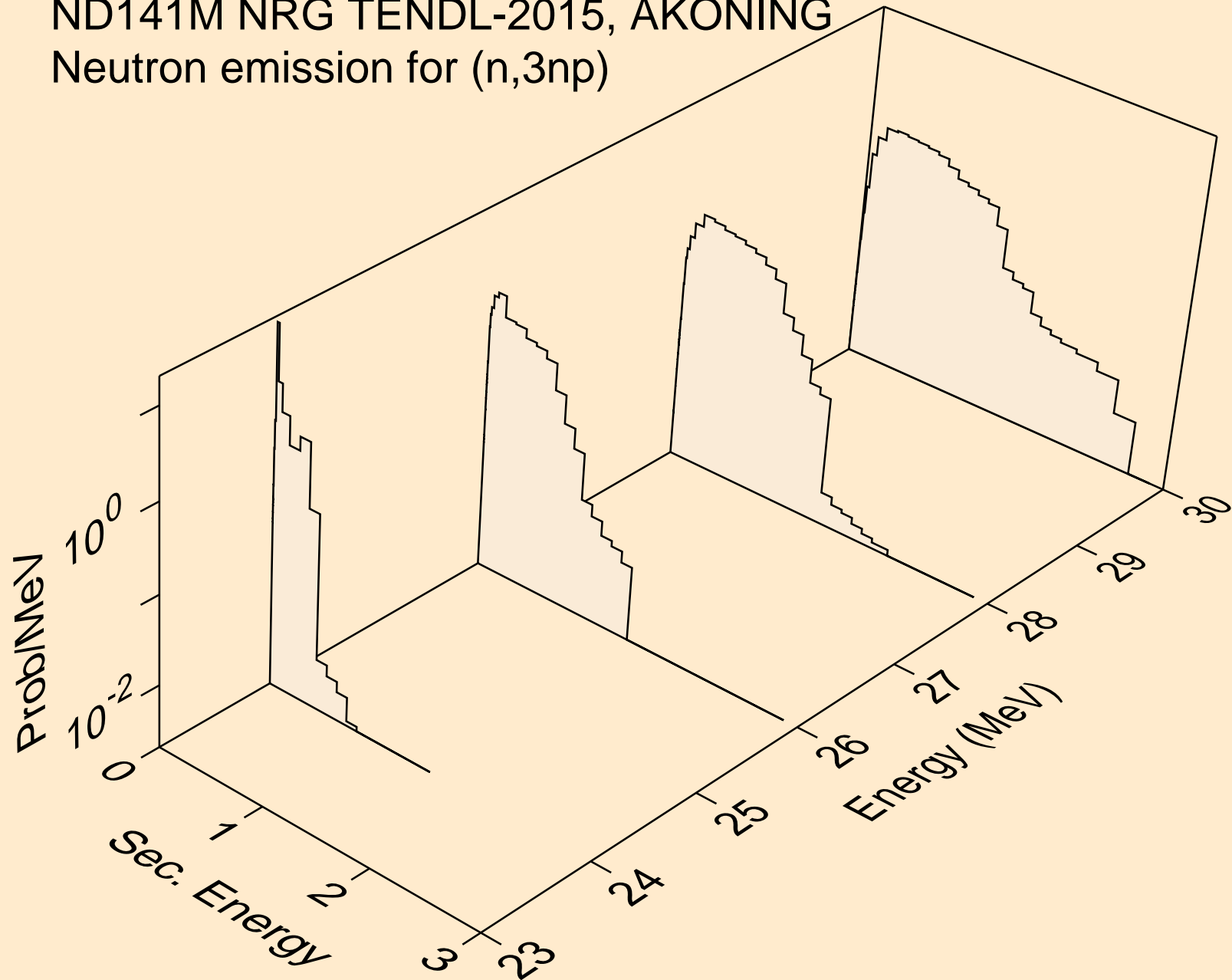




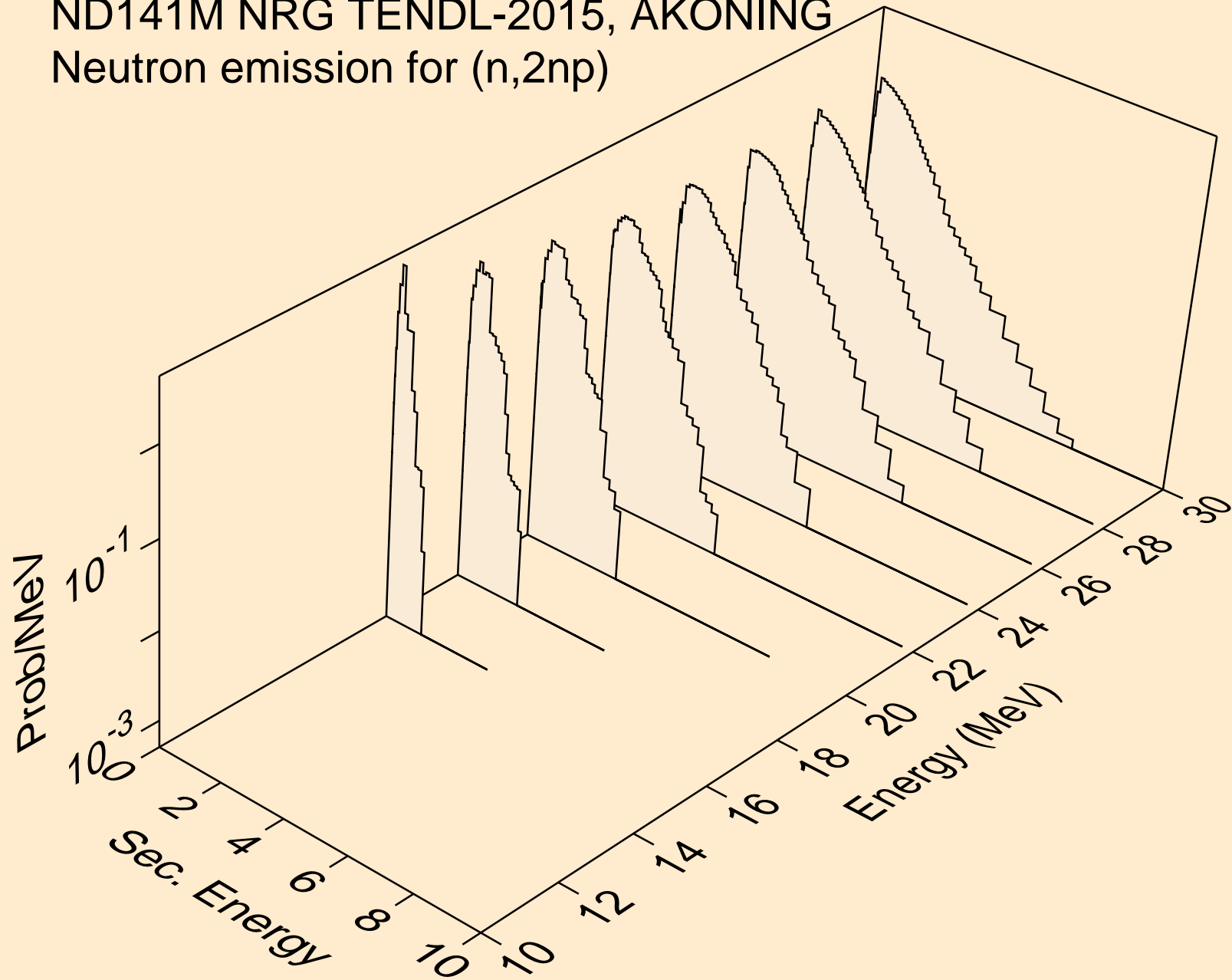
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



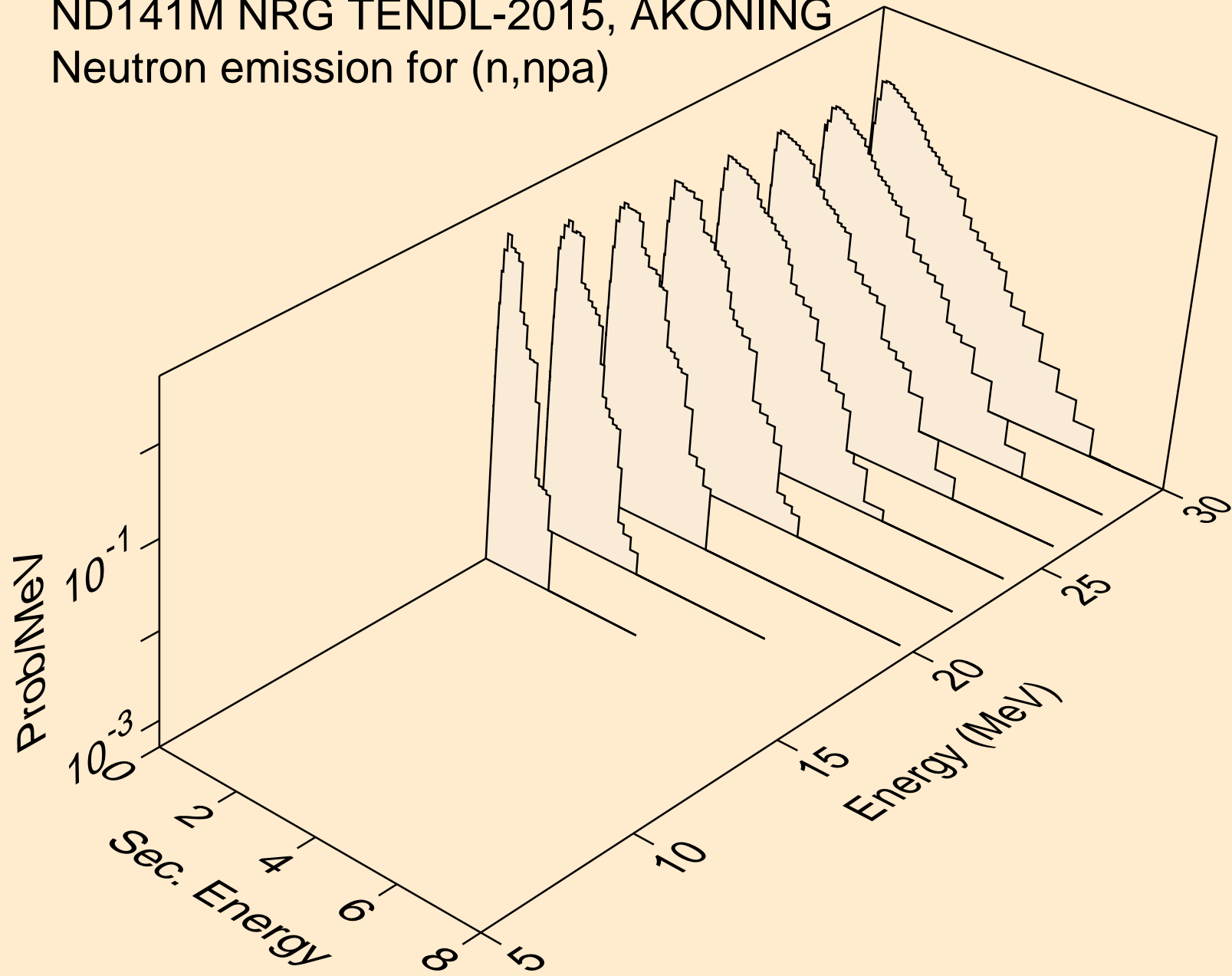
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



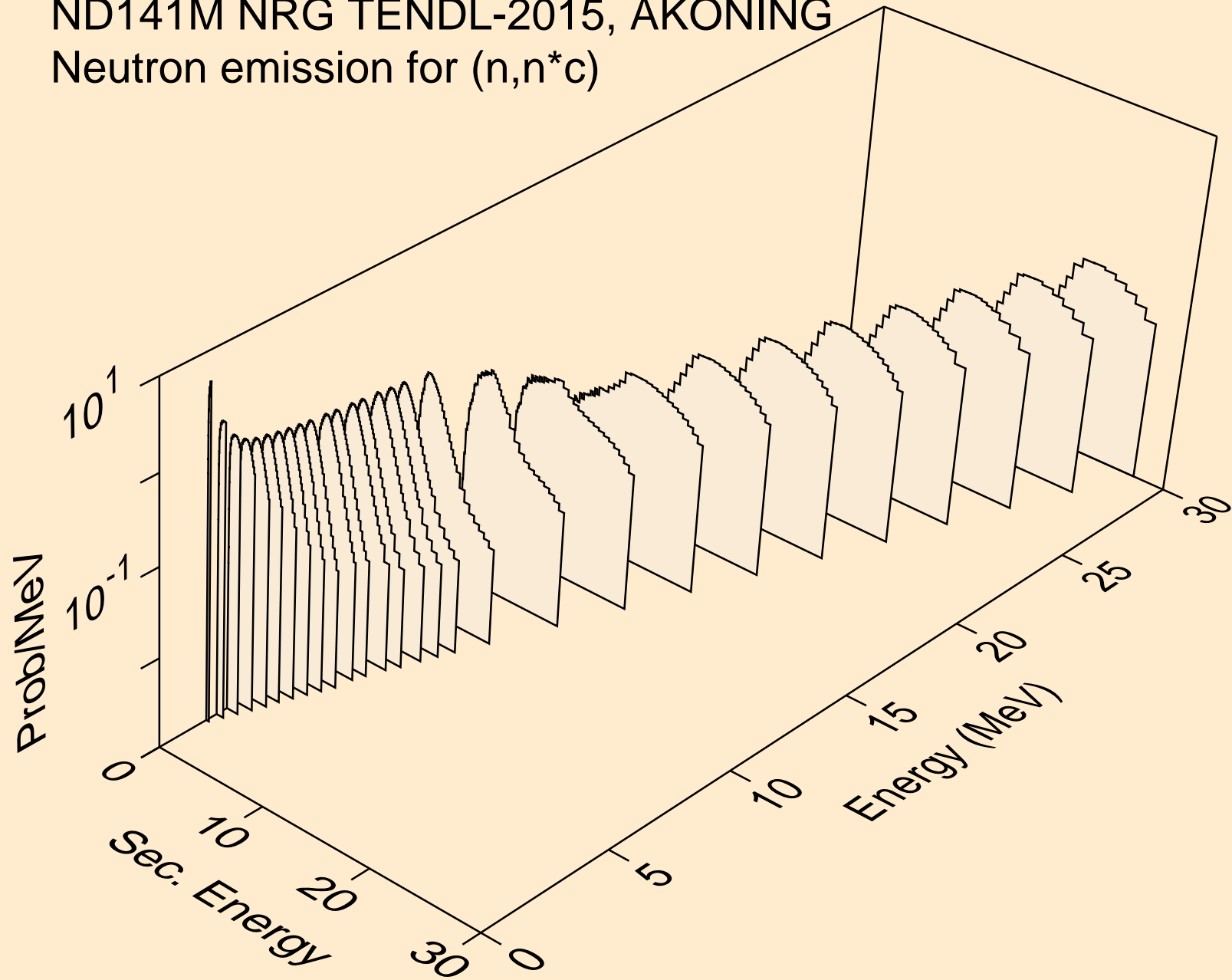
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



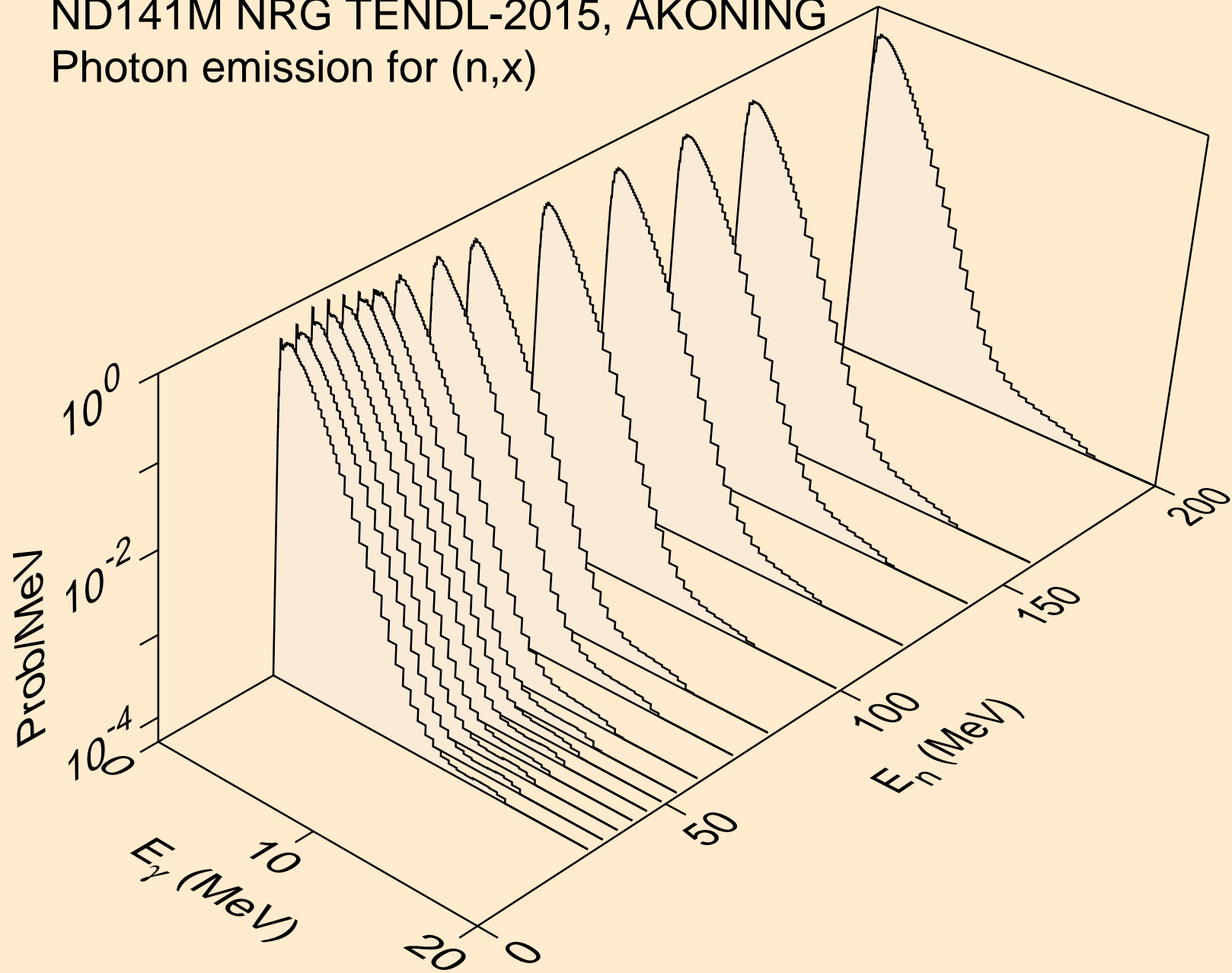
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



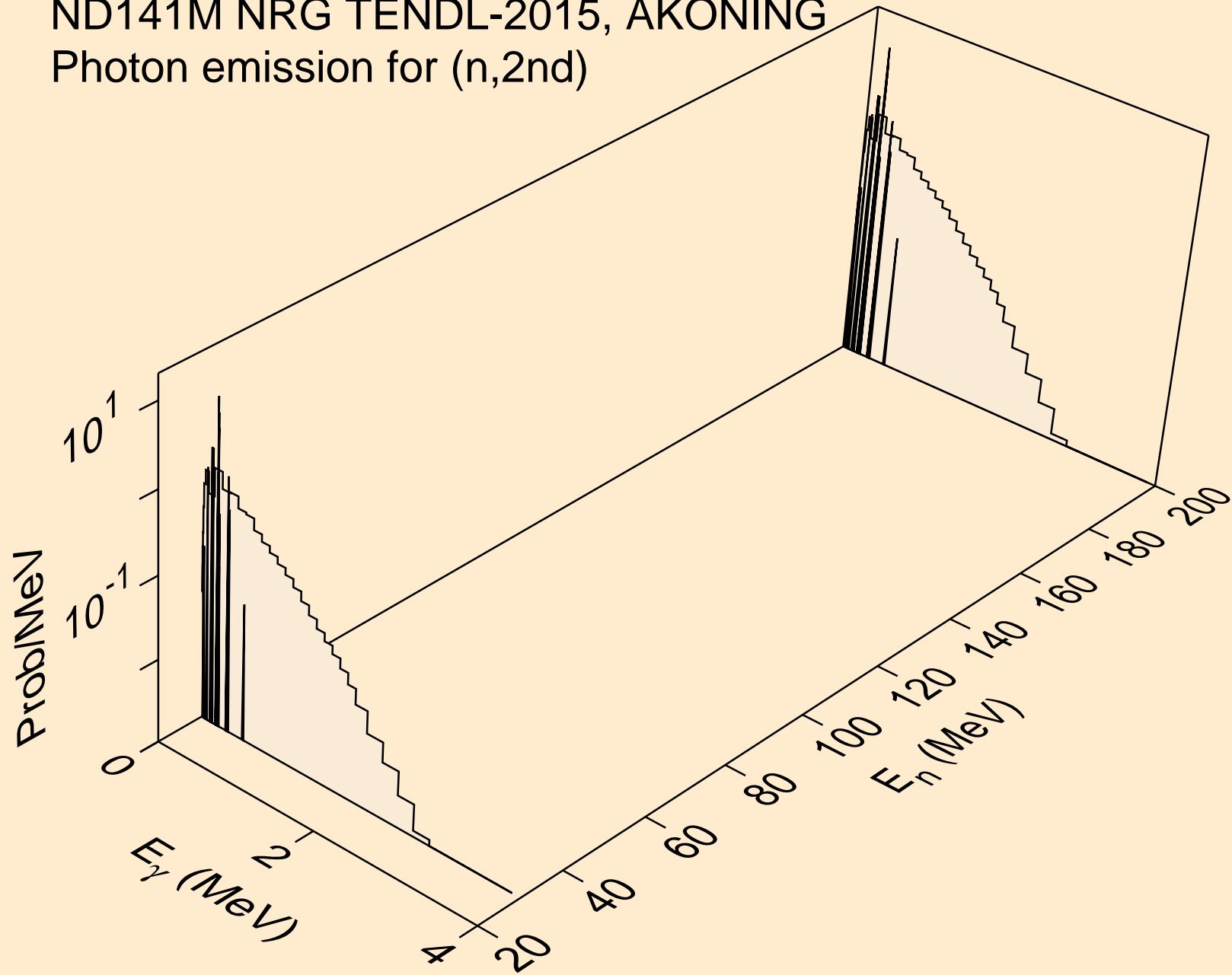
ND141M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



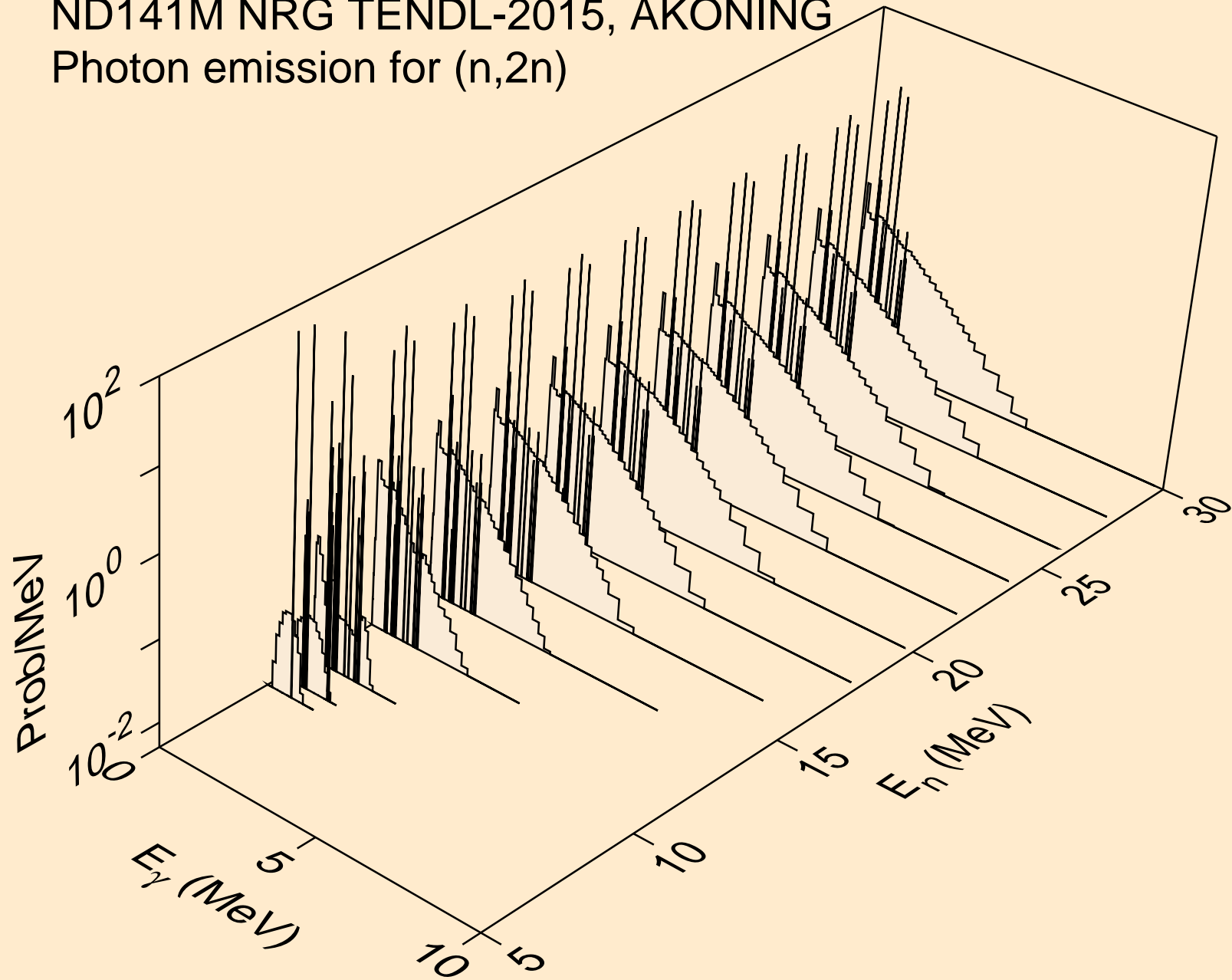
ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

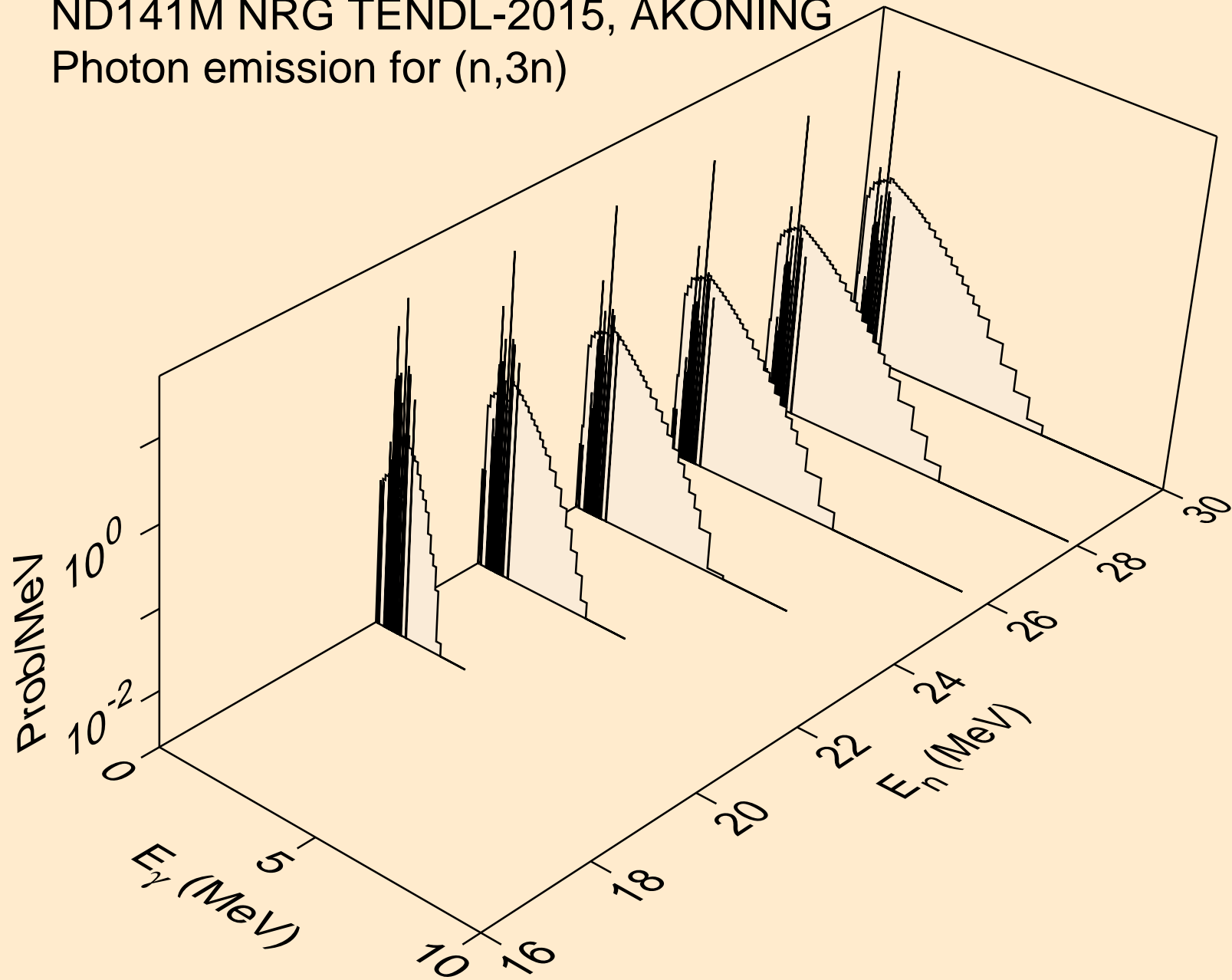


ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

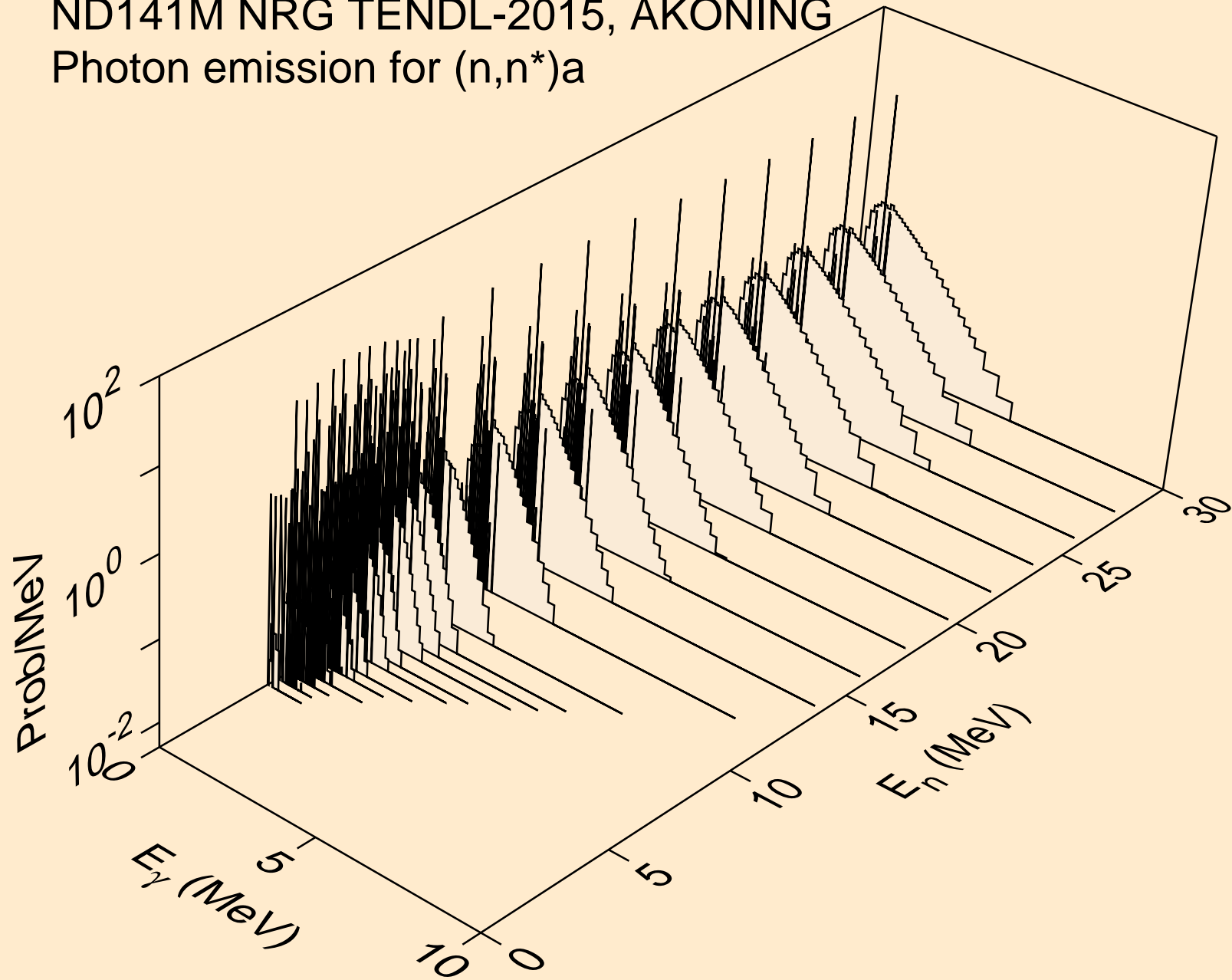




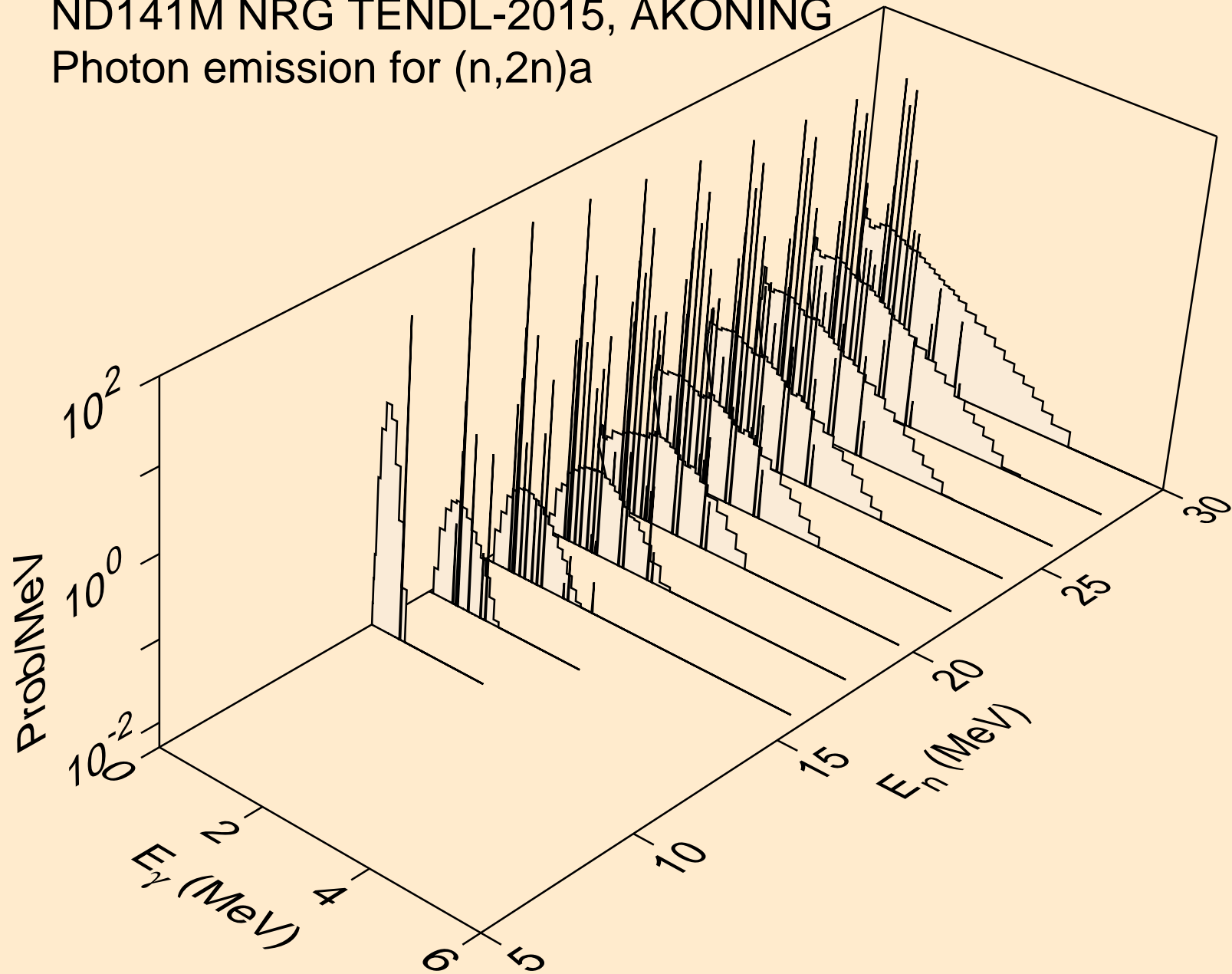
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Photon emission for (n,3n)



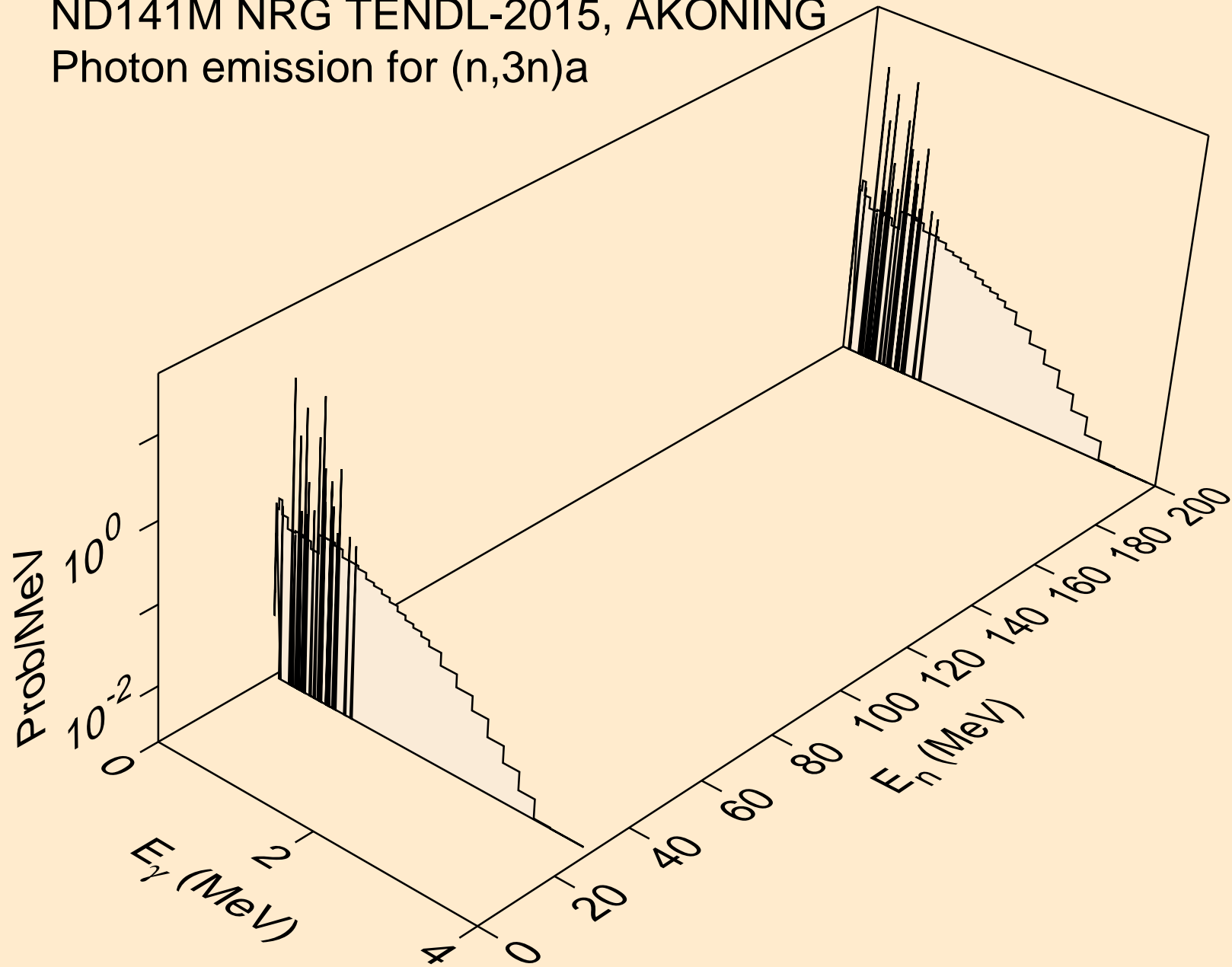
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Photon emission for (n,n\*)a



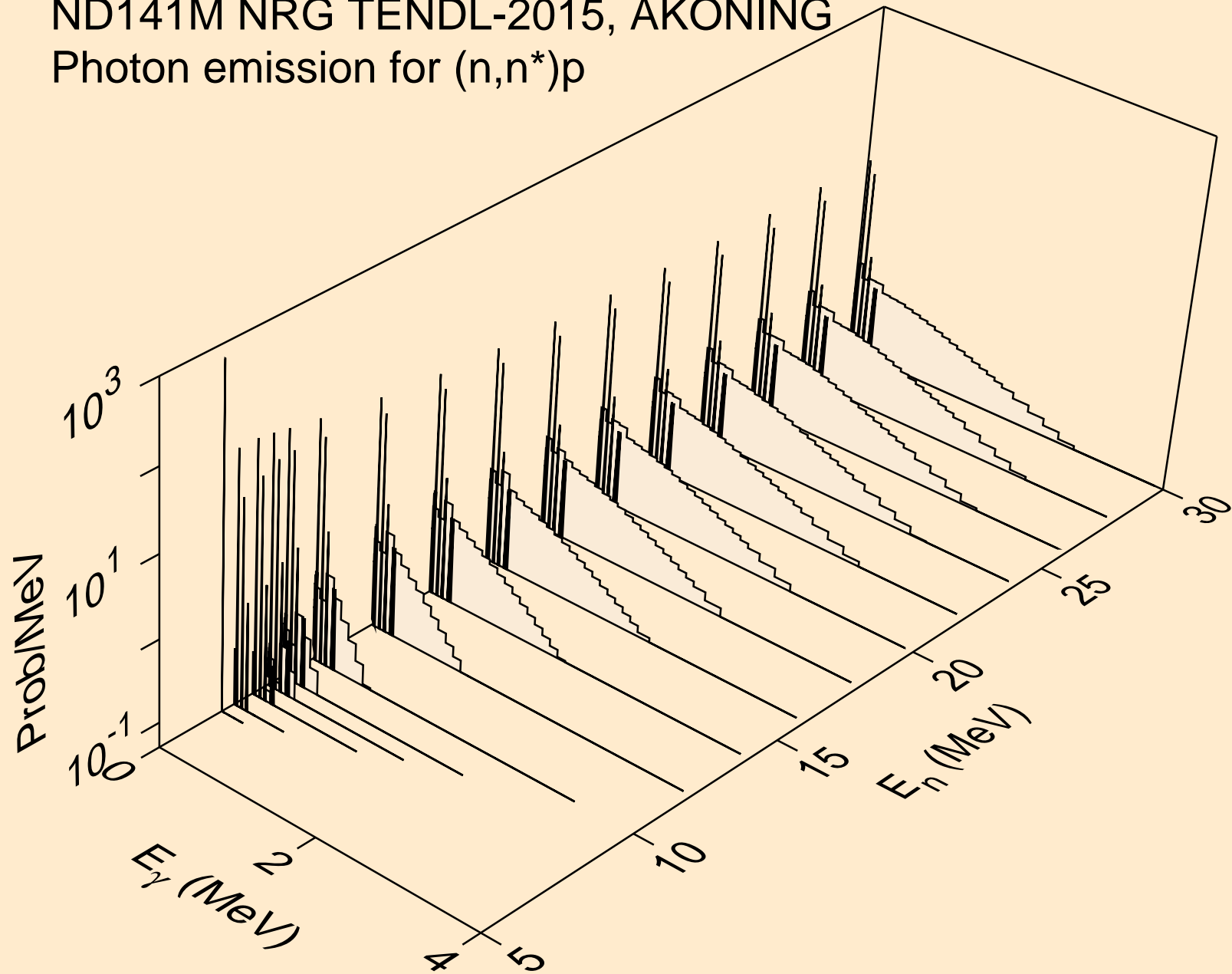
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Photon emission for (n,2n)a



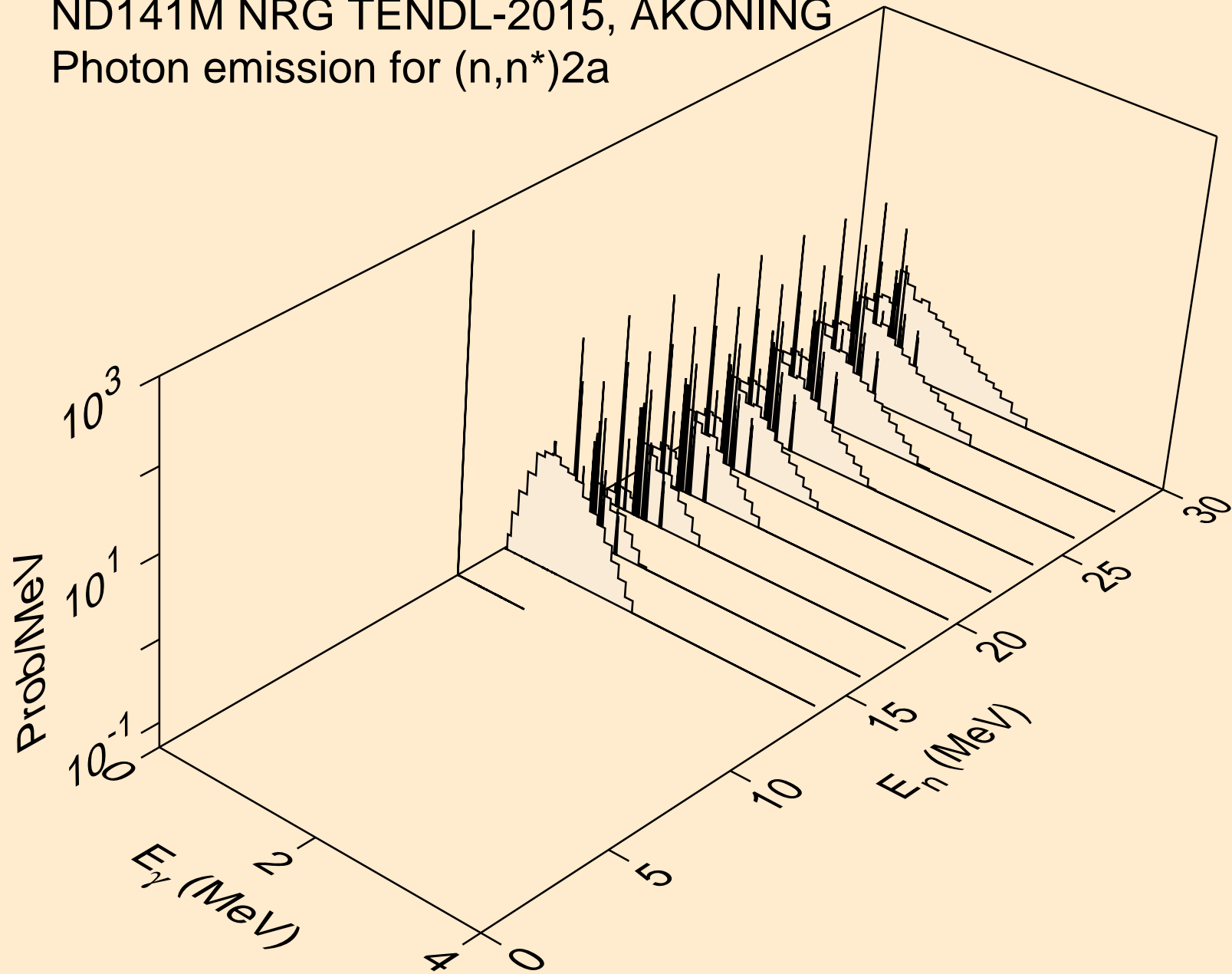
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Photon emission for (n,3n)a



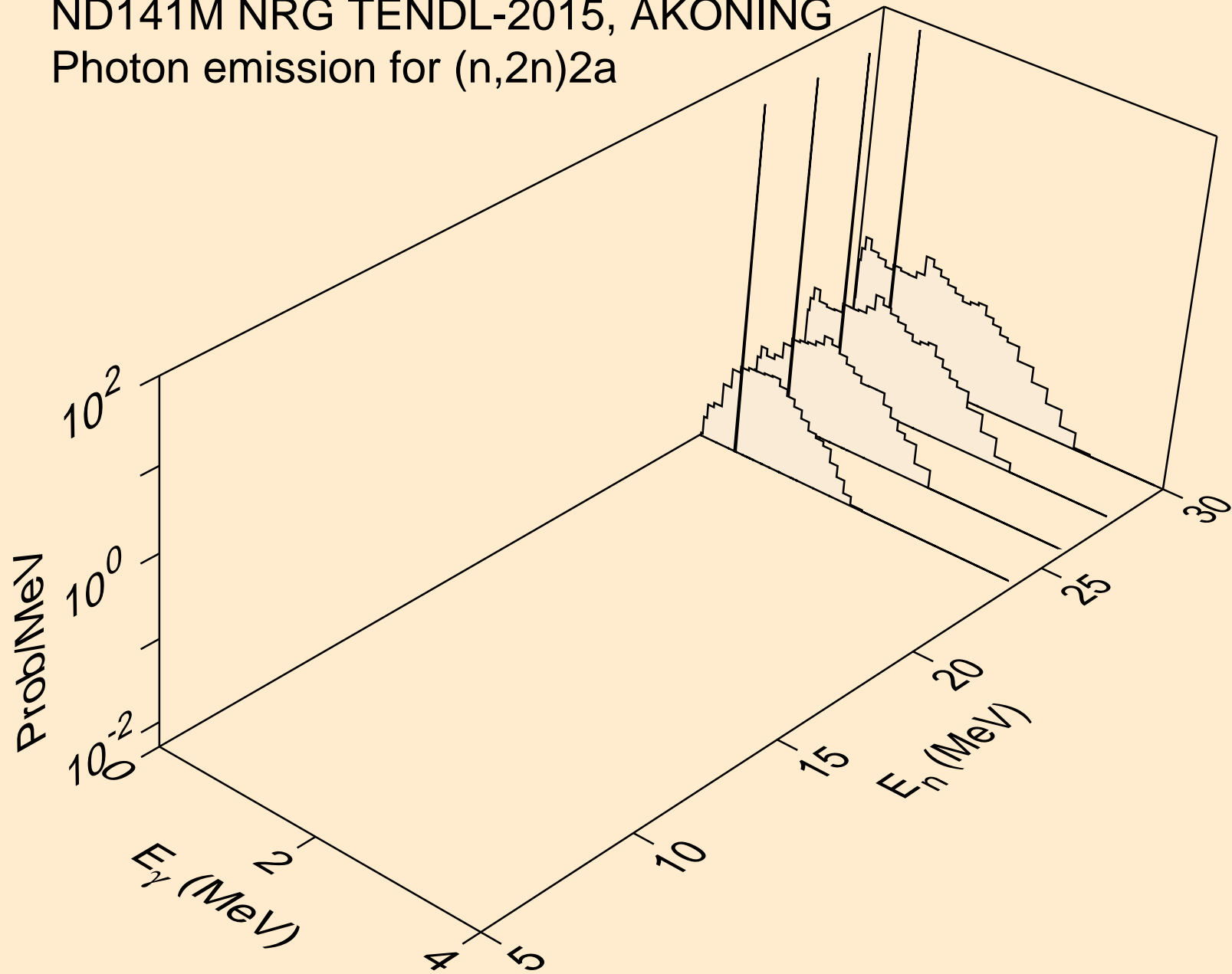
ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



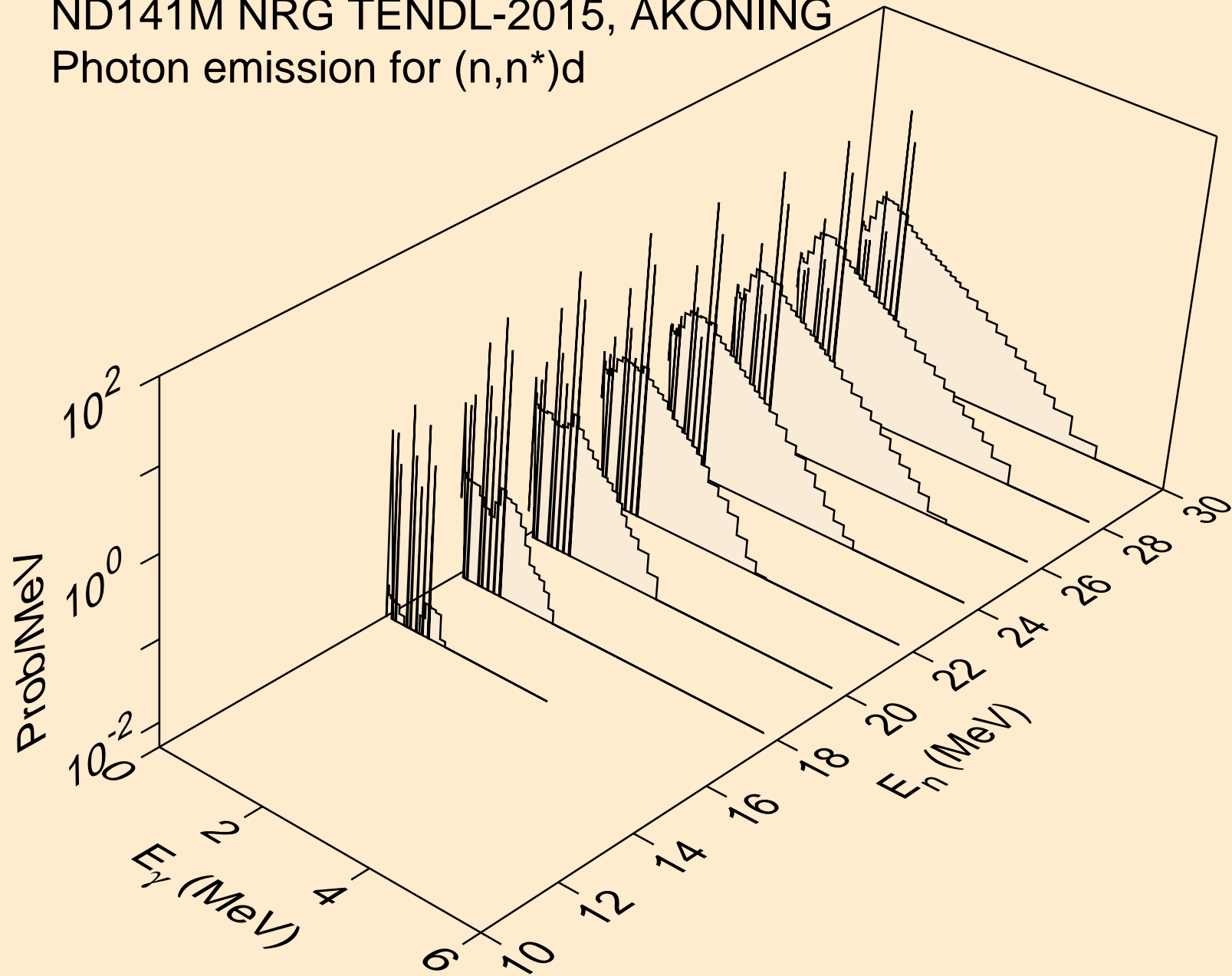
ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

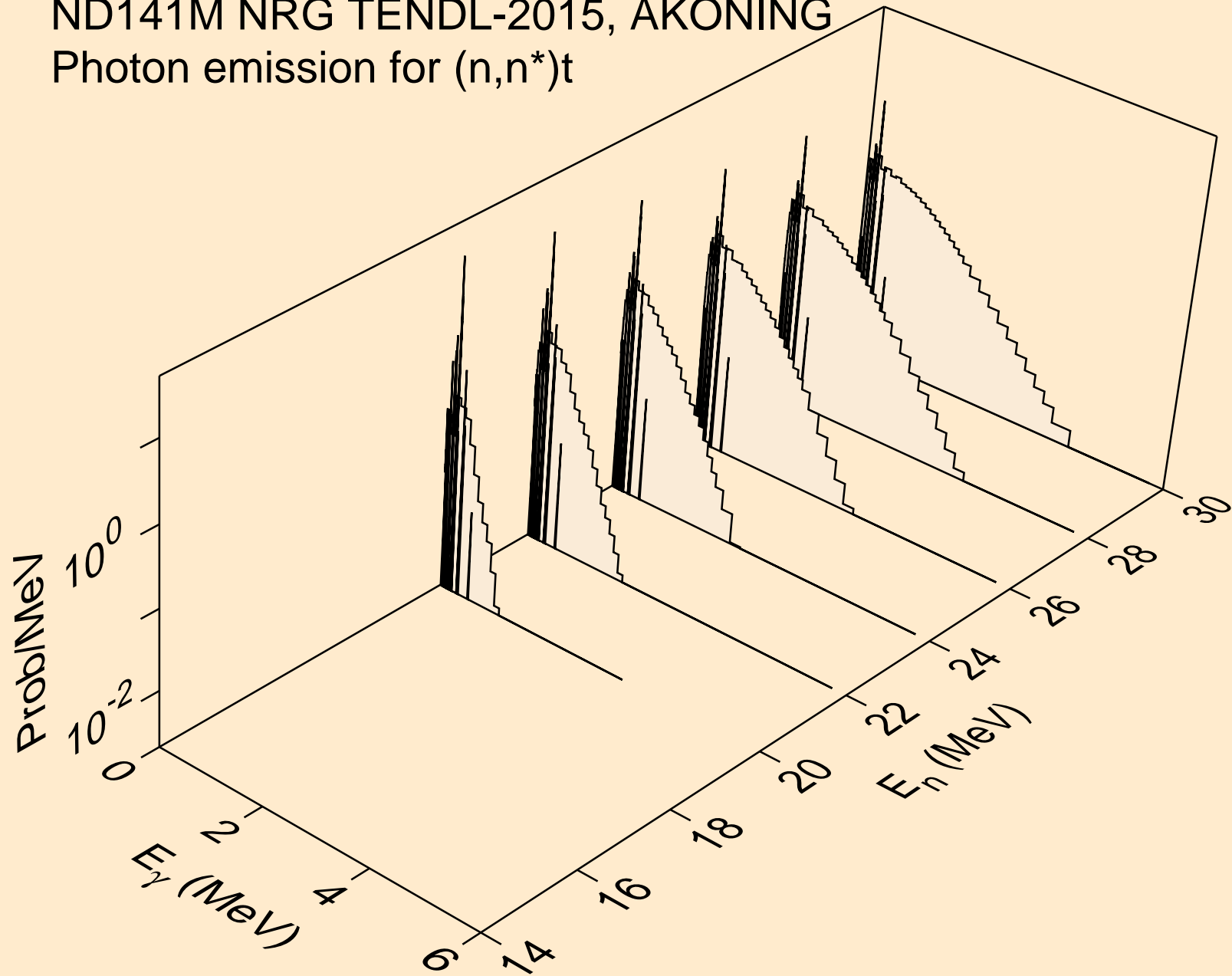


ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

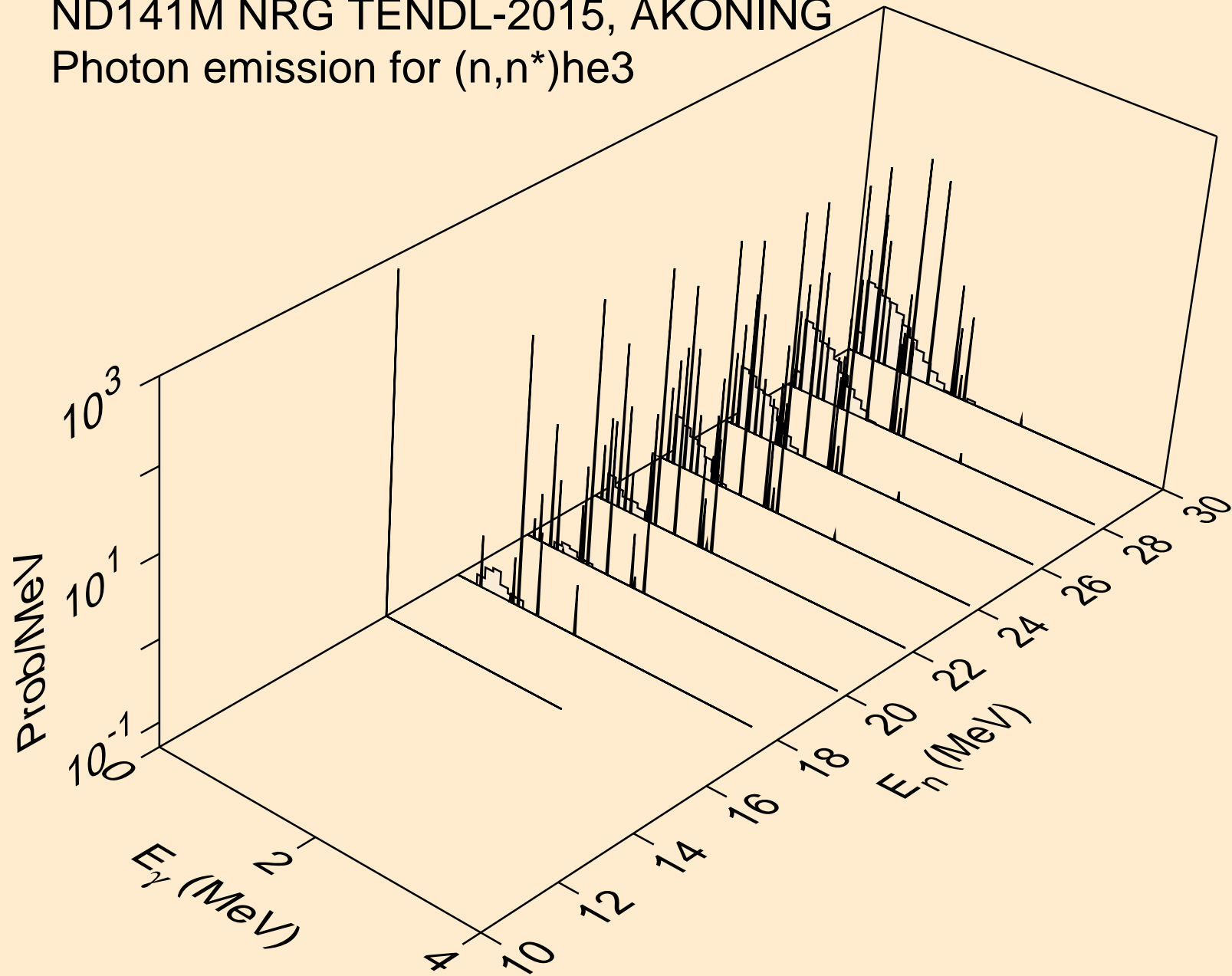




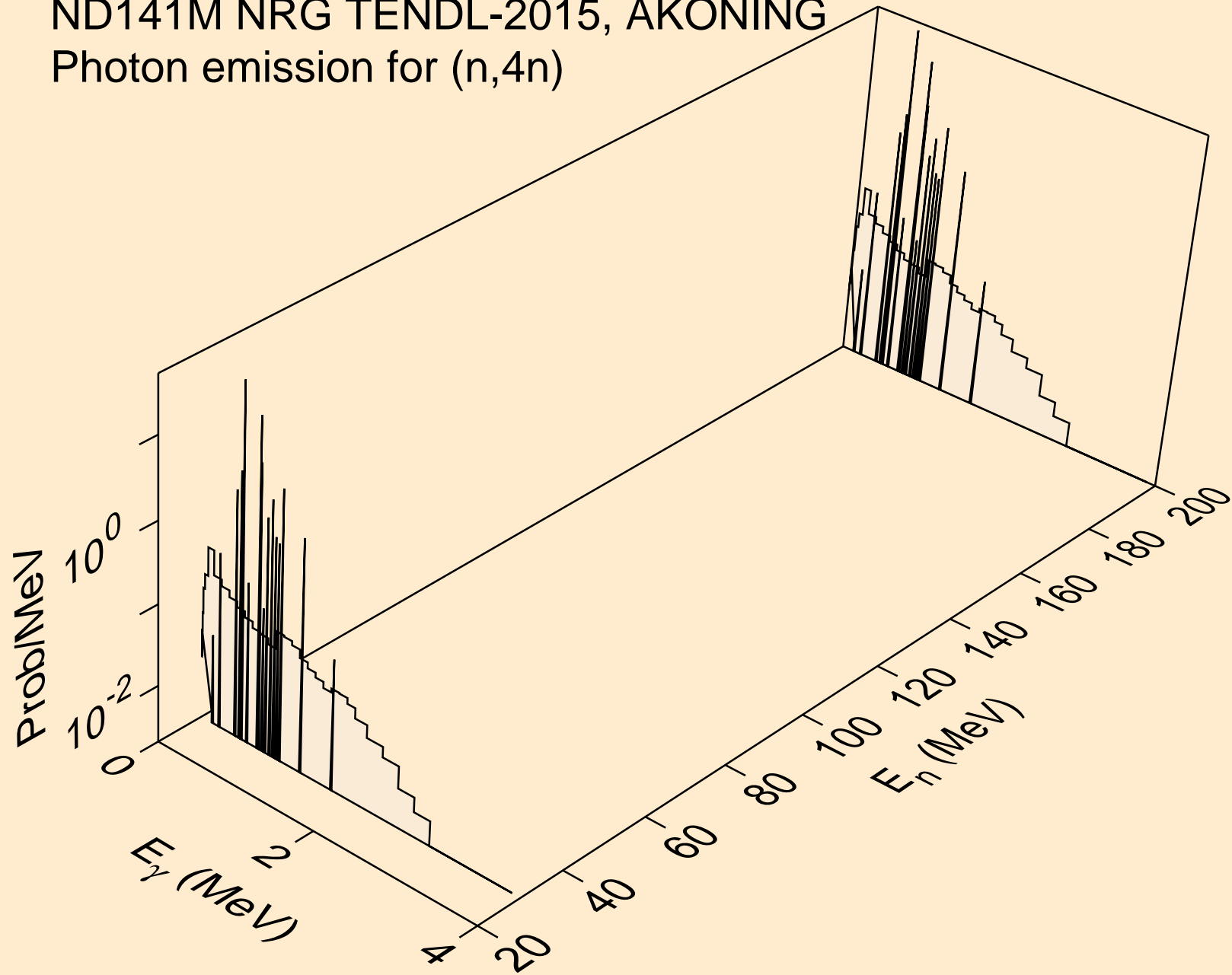
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Photon emission for (n,n\*)t



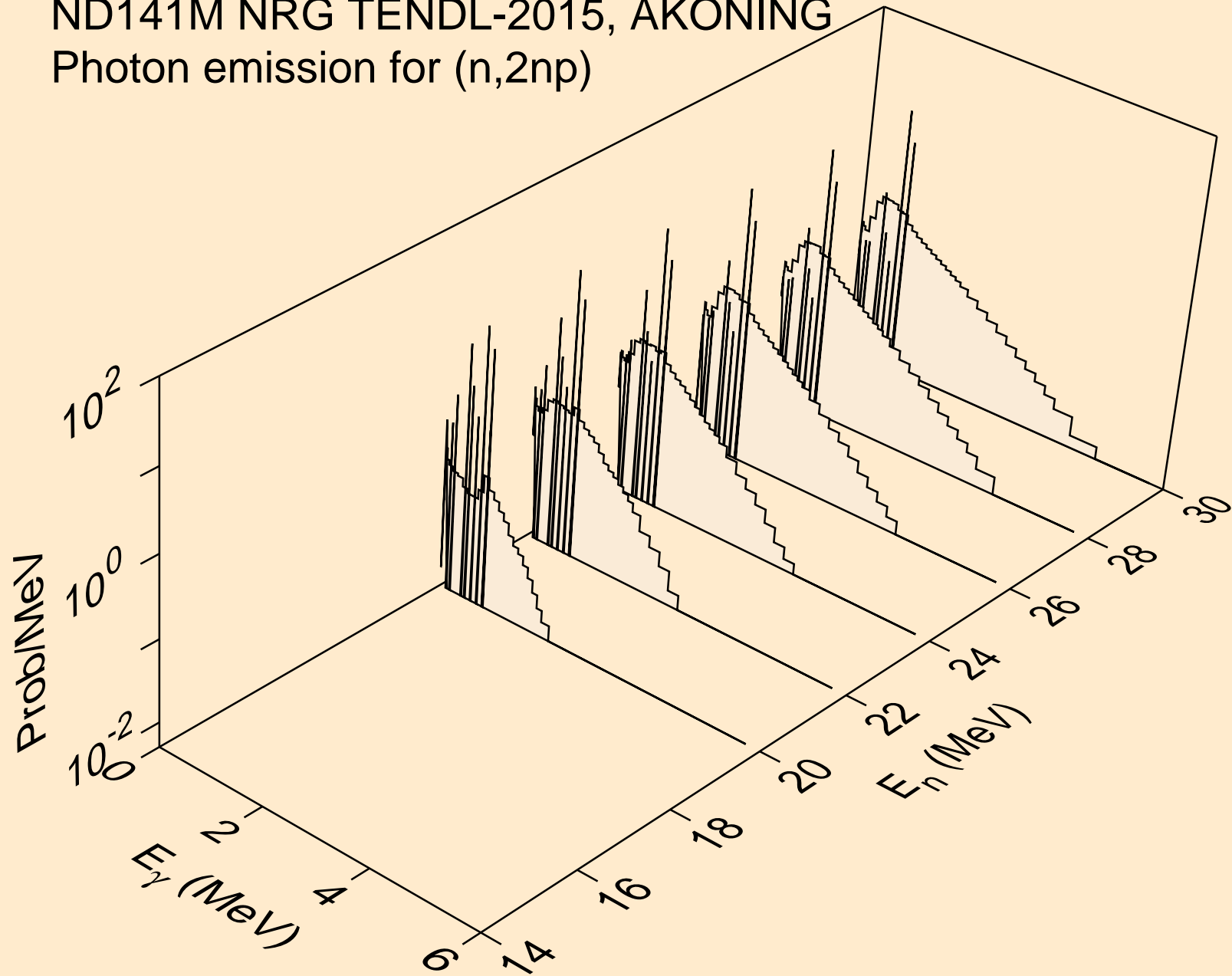
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Photon emission for (n,n\*)he3



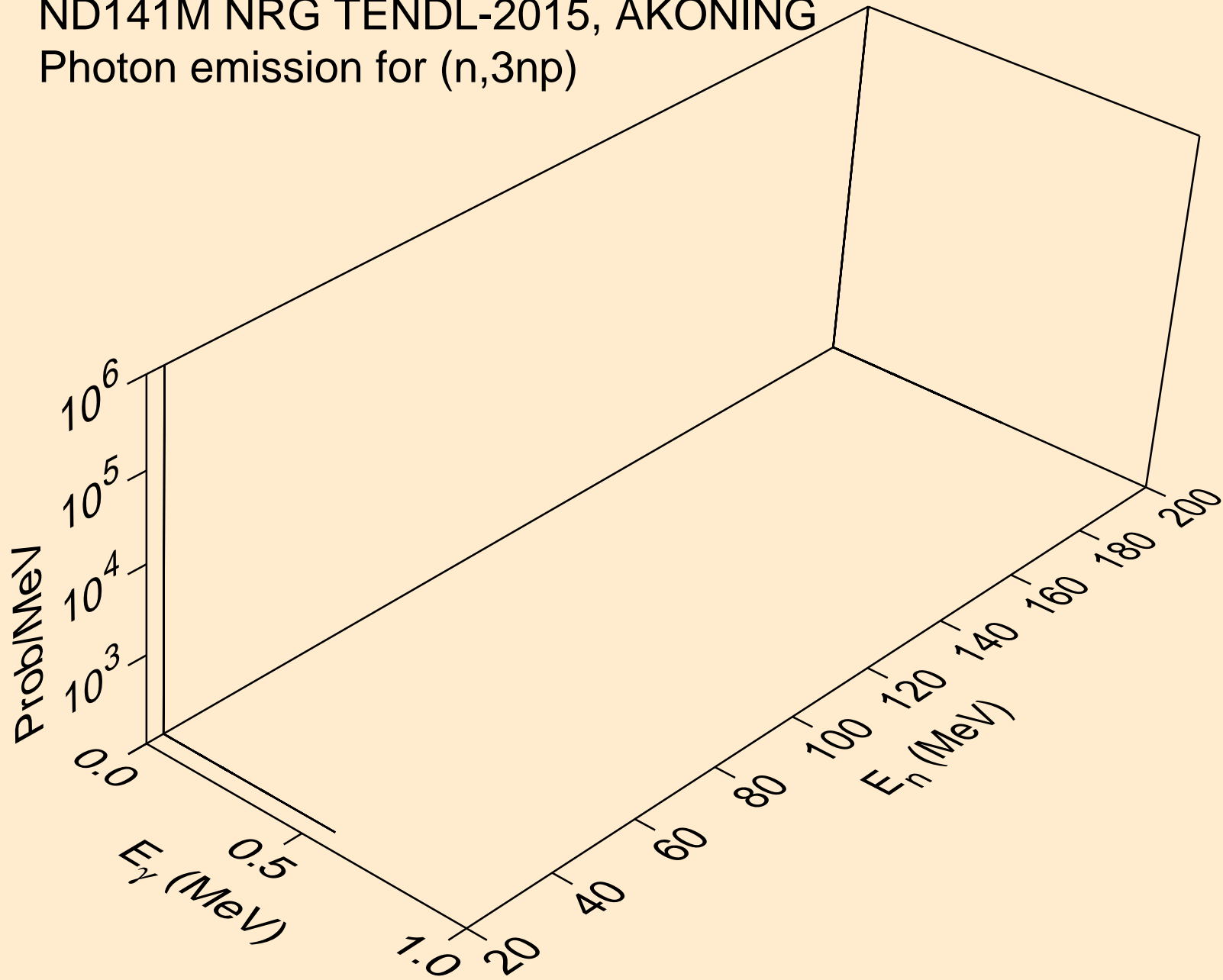
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Photon emission for (n,4n)



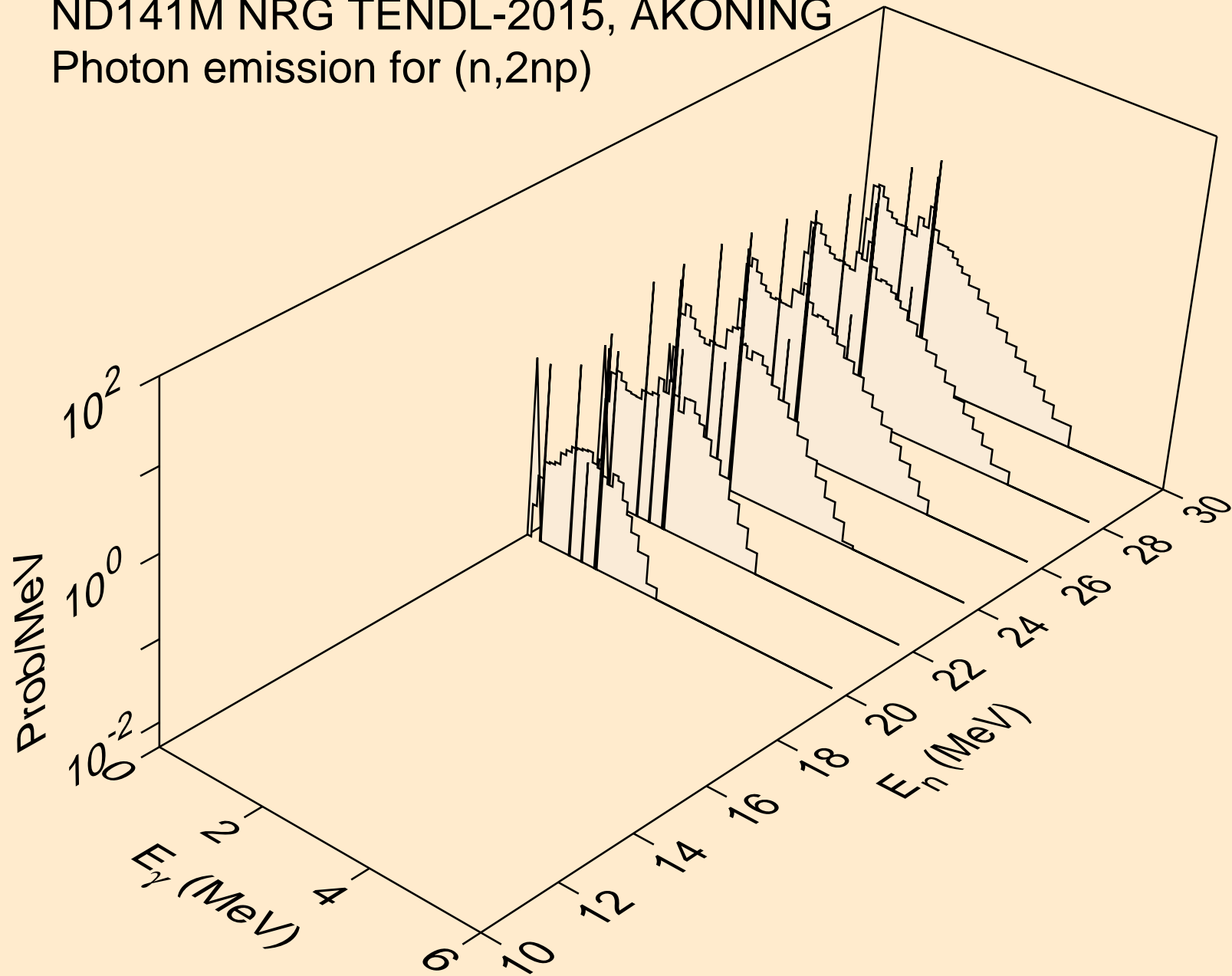
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Photon emission for (n,2np)



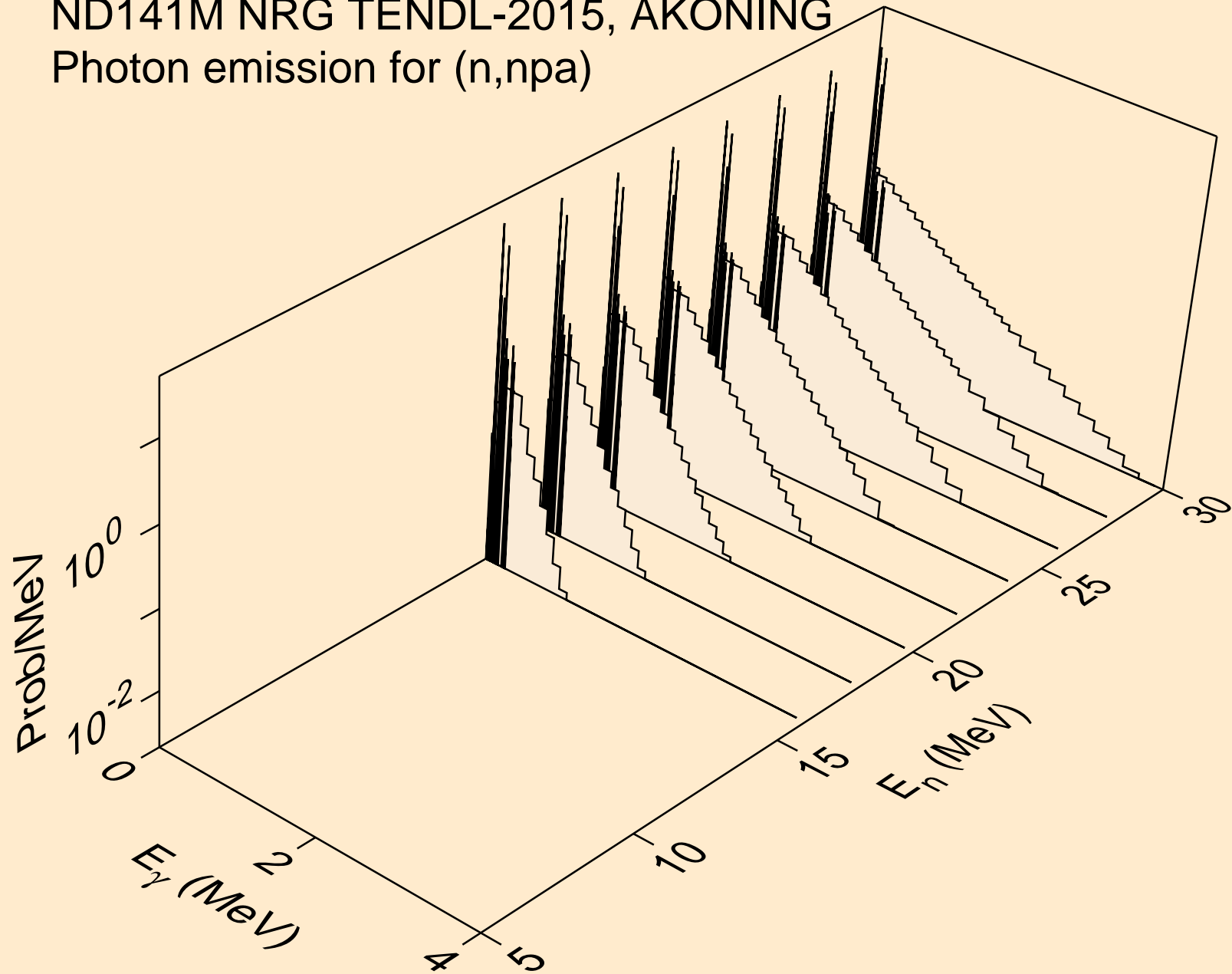
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Photon emission for (n,3np)



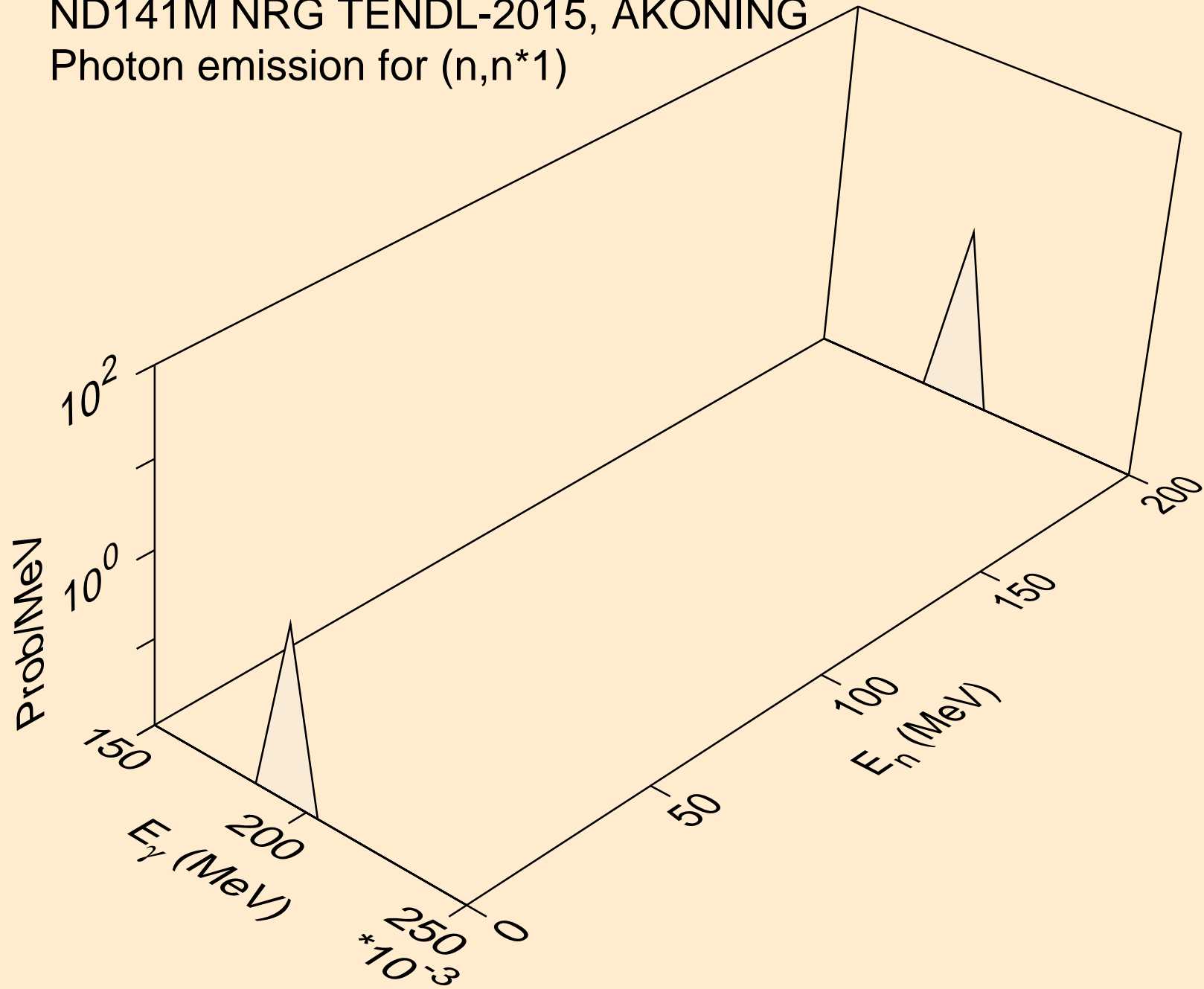
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Photon emission for (n,2np)



ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

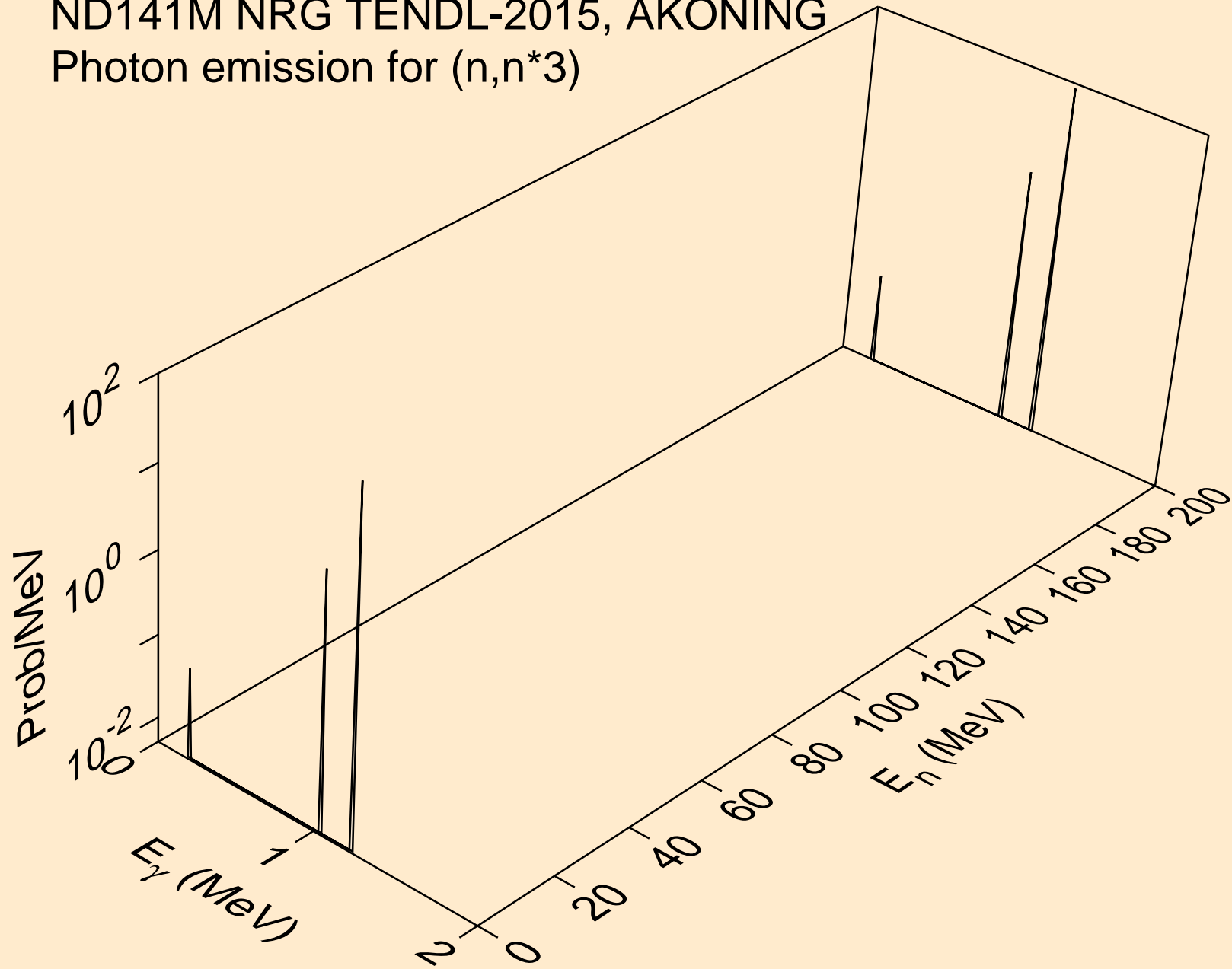


ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)

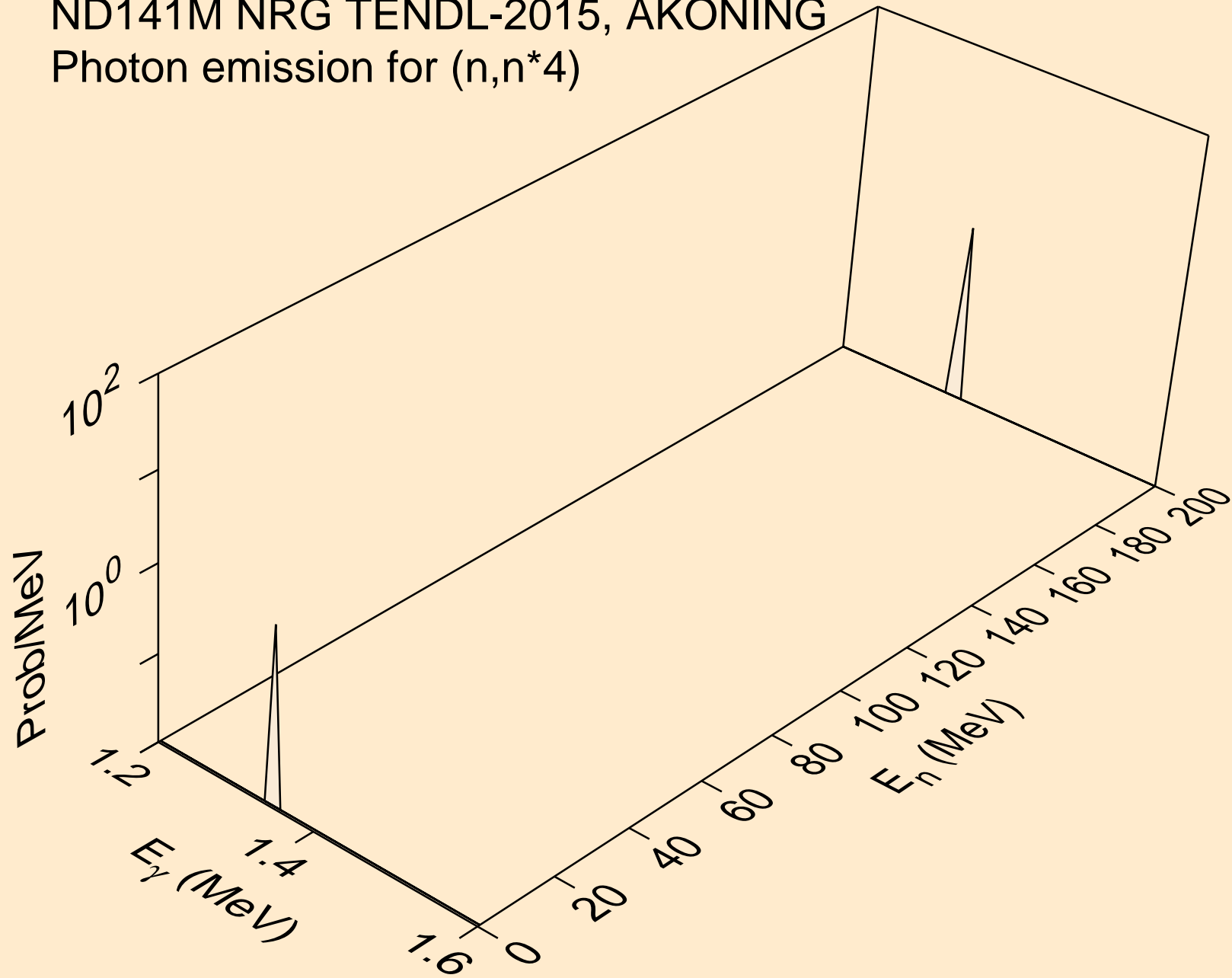




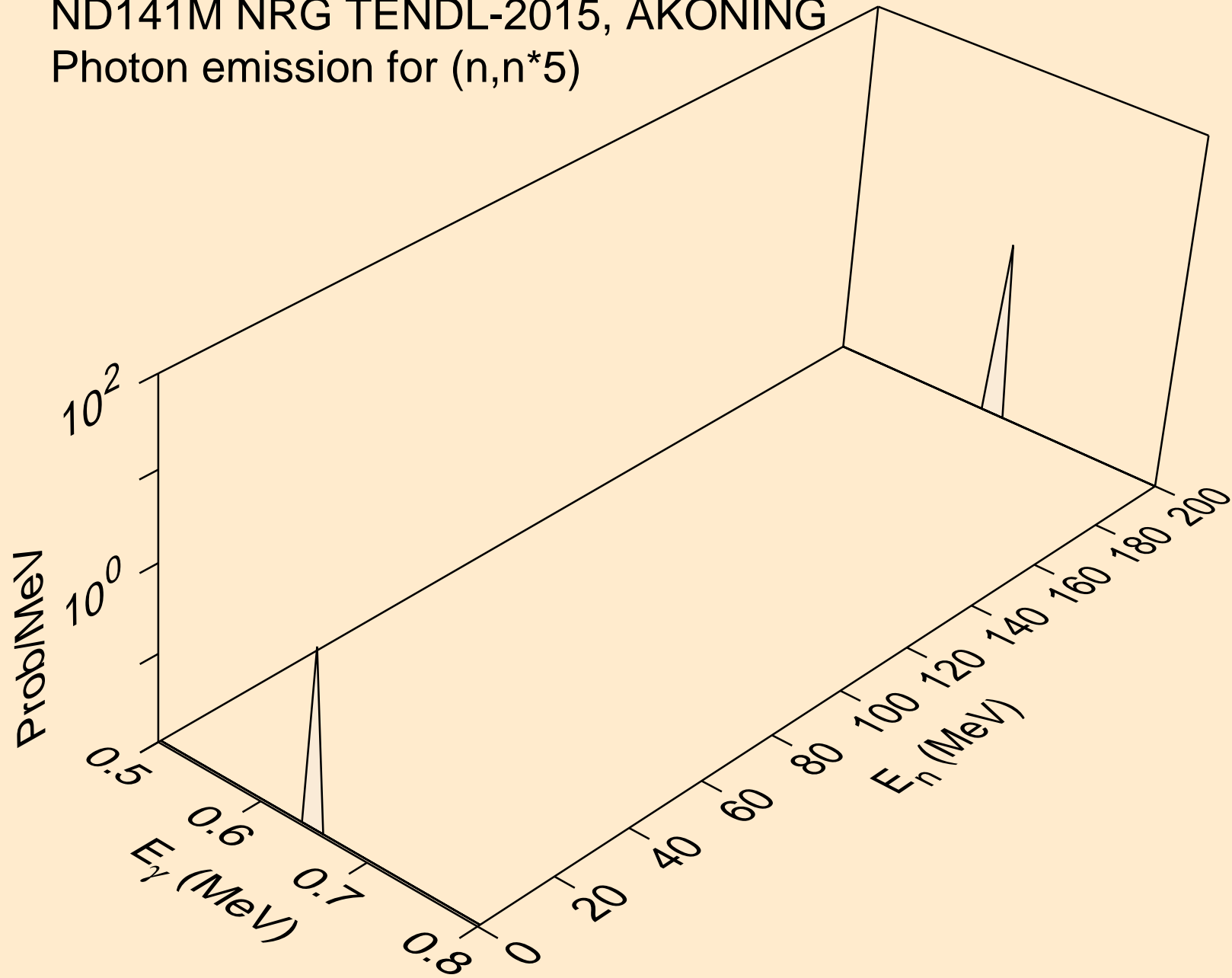
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Photon emission for (n,n\*3)



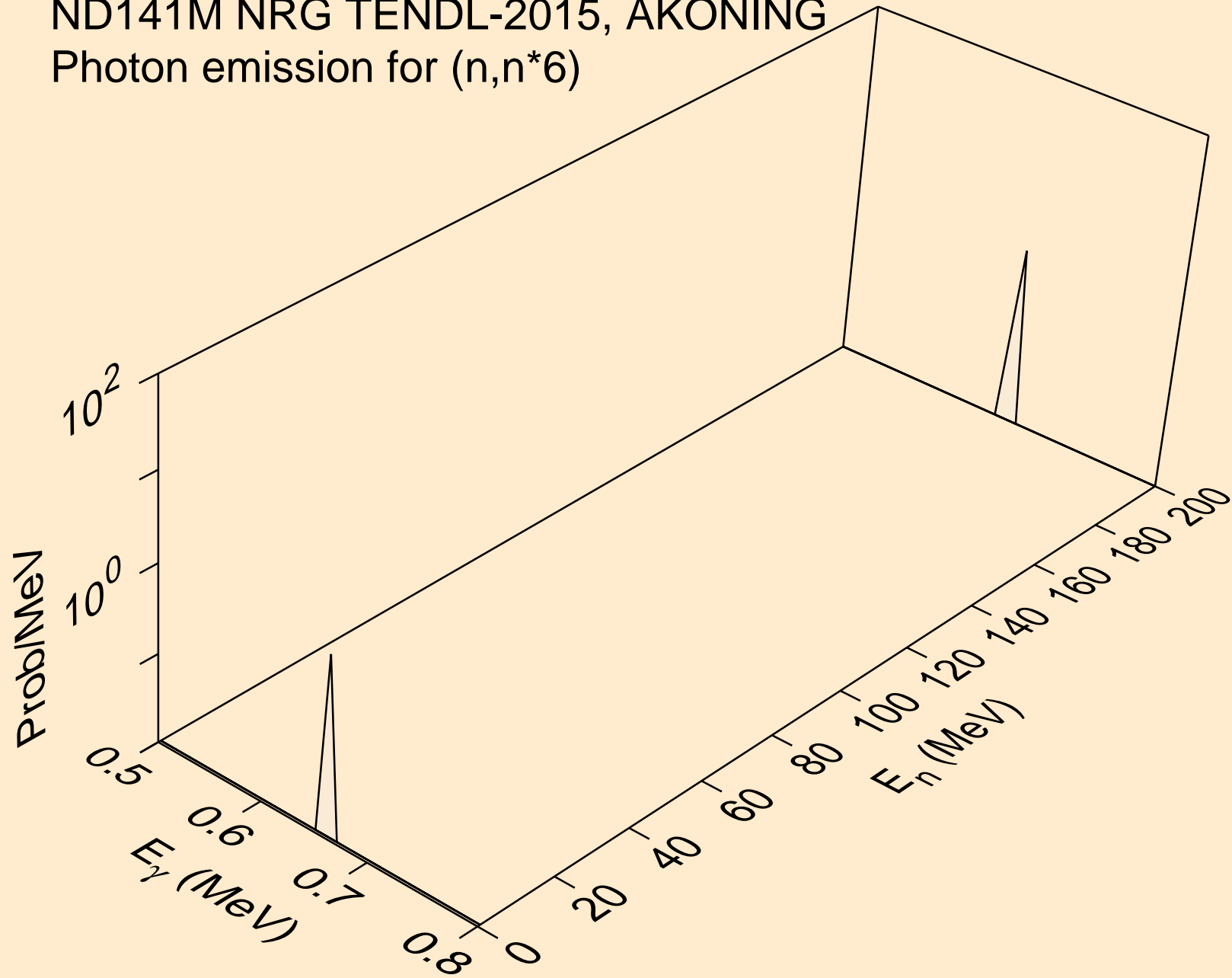
ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)



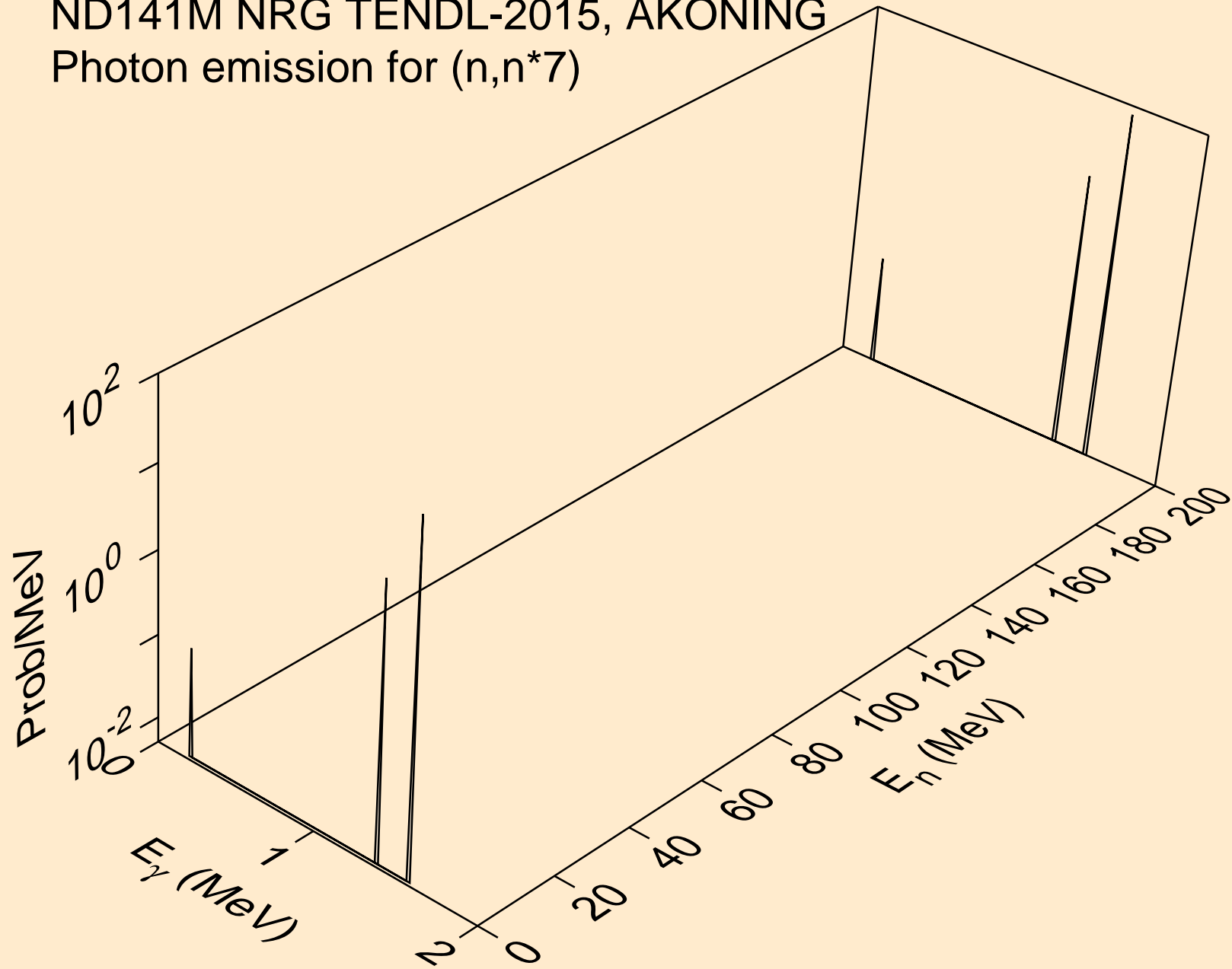
ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



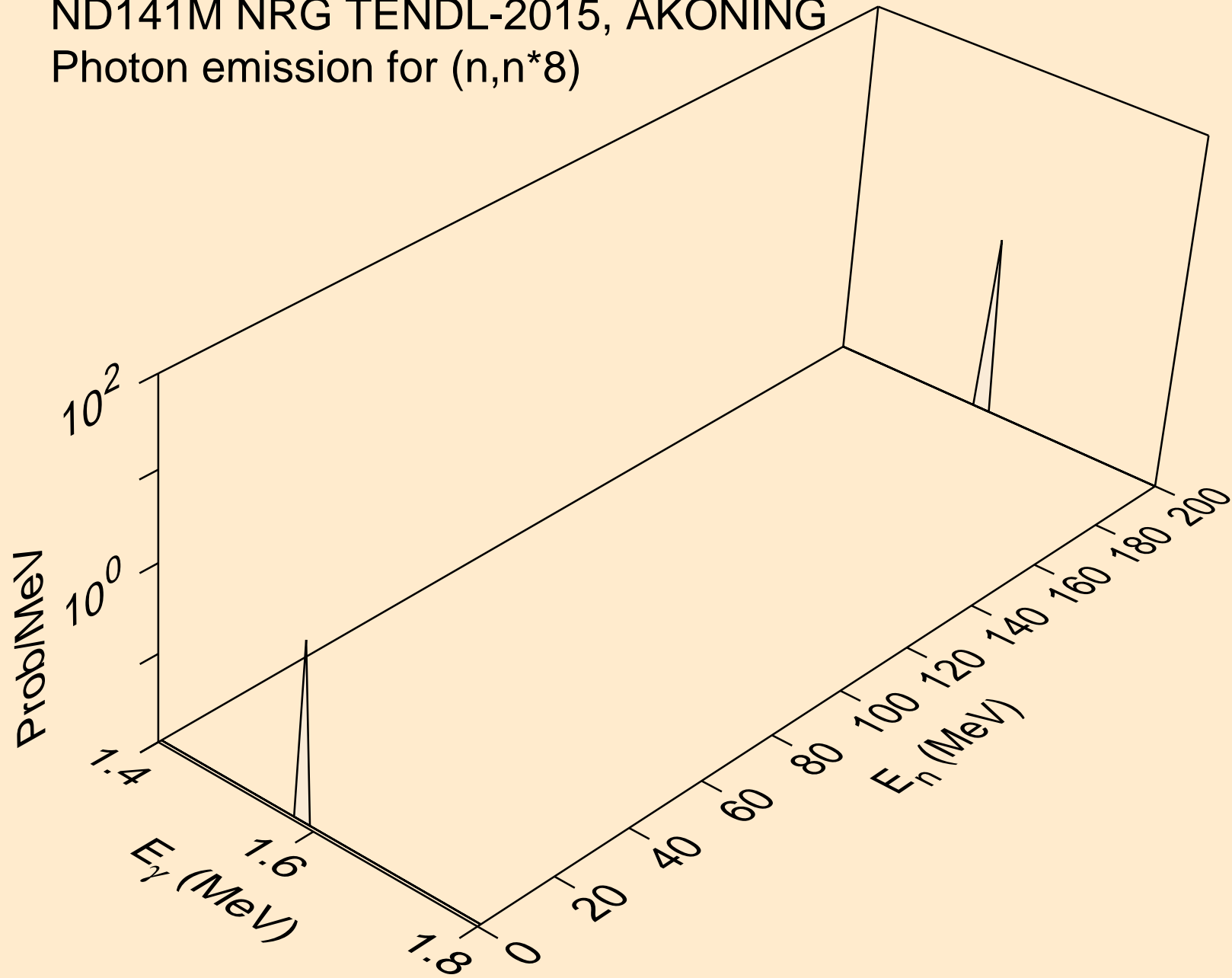
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Photon emission for (n,n\*6)



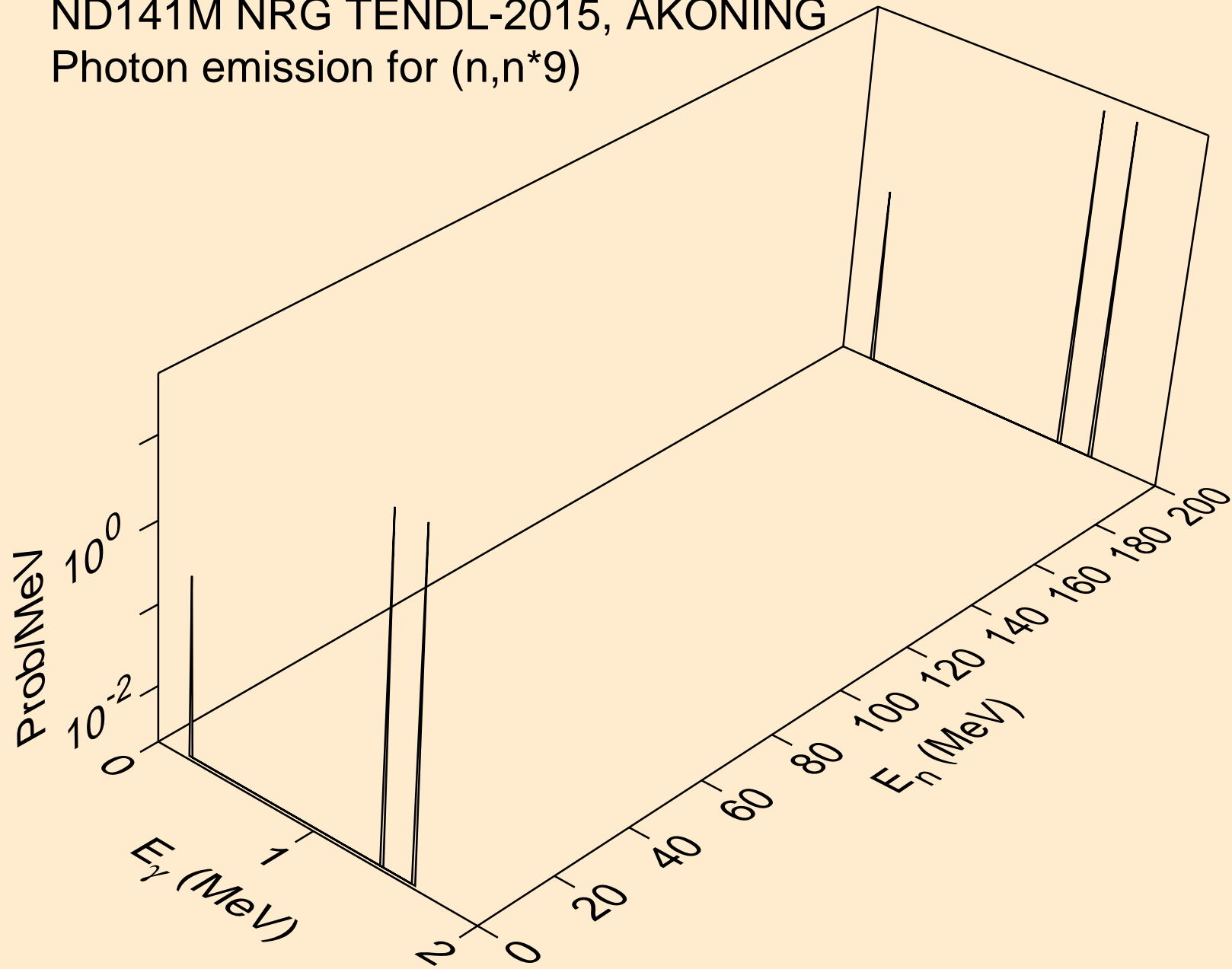
ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



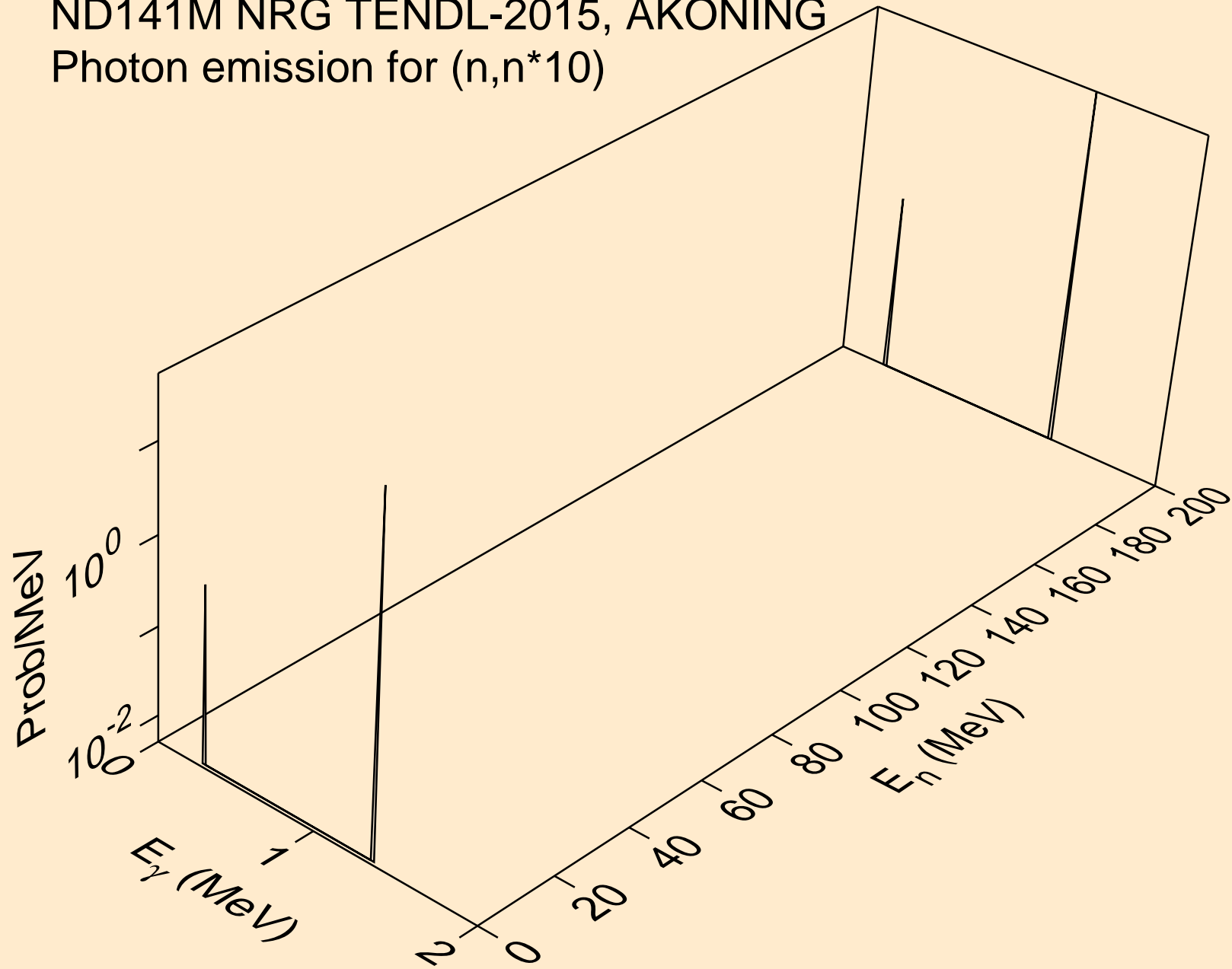
ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)



ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)

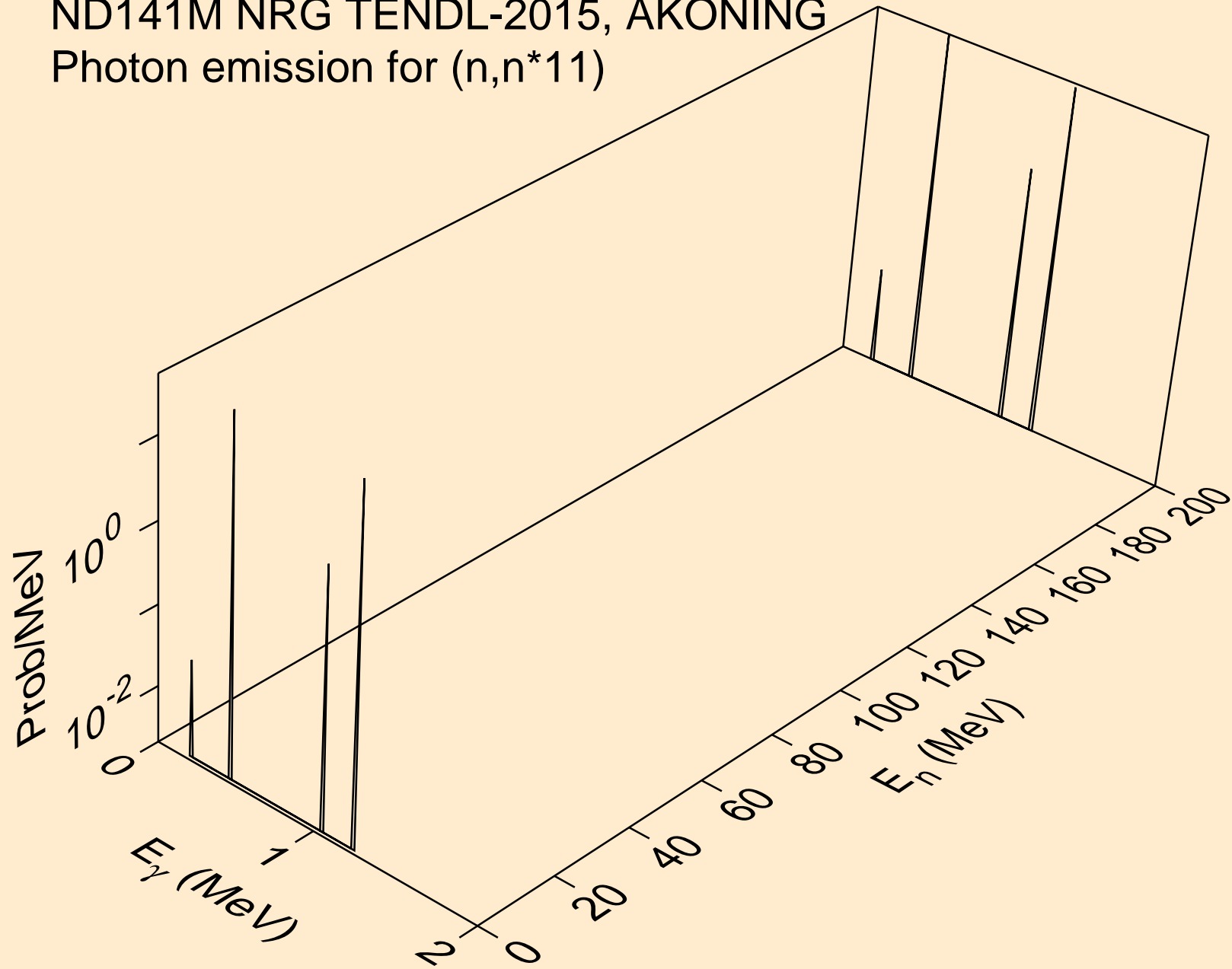


ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)

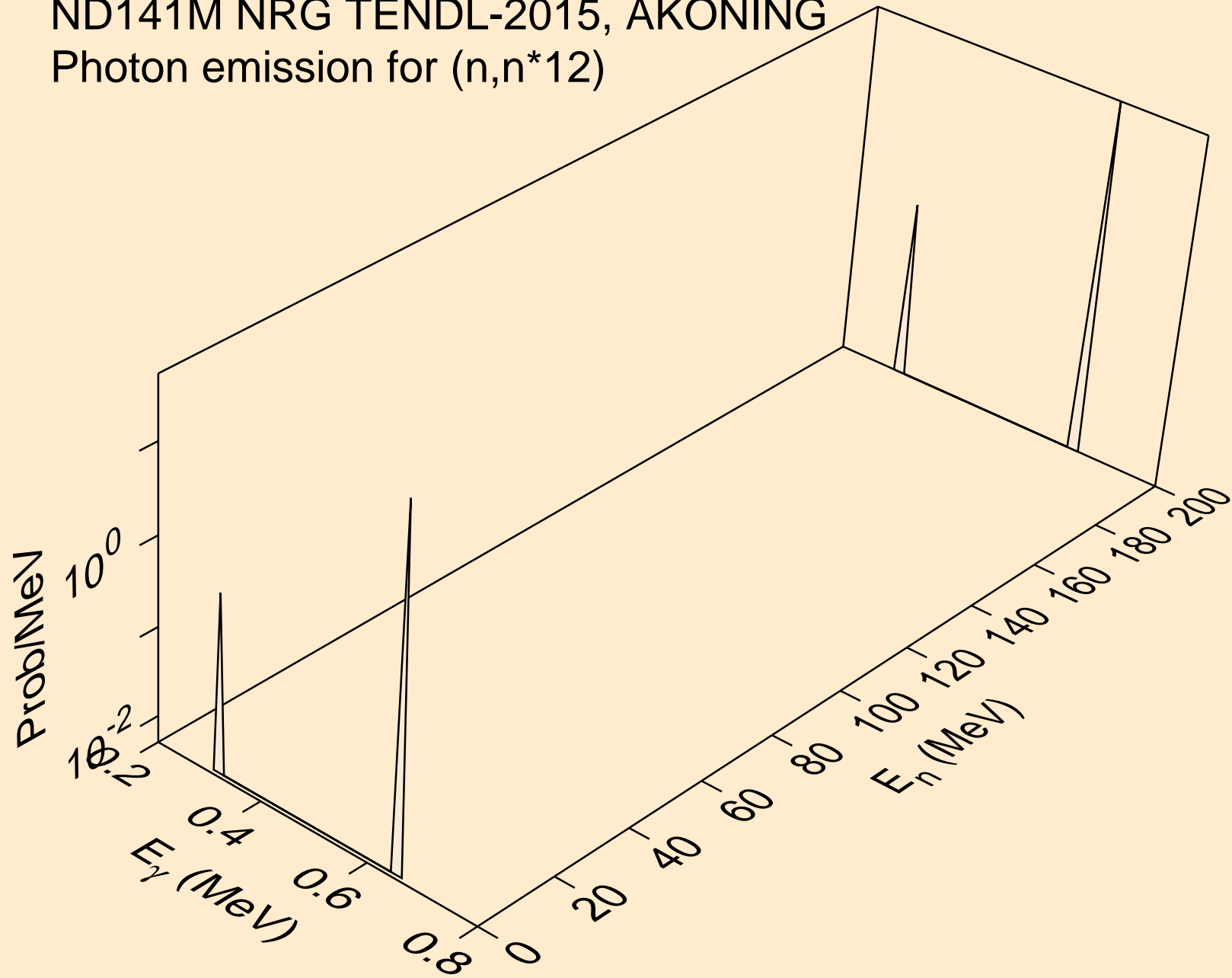




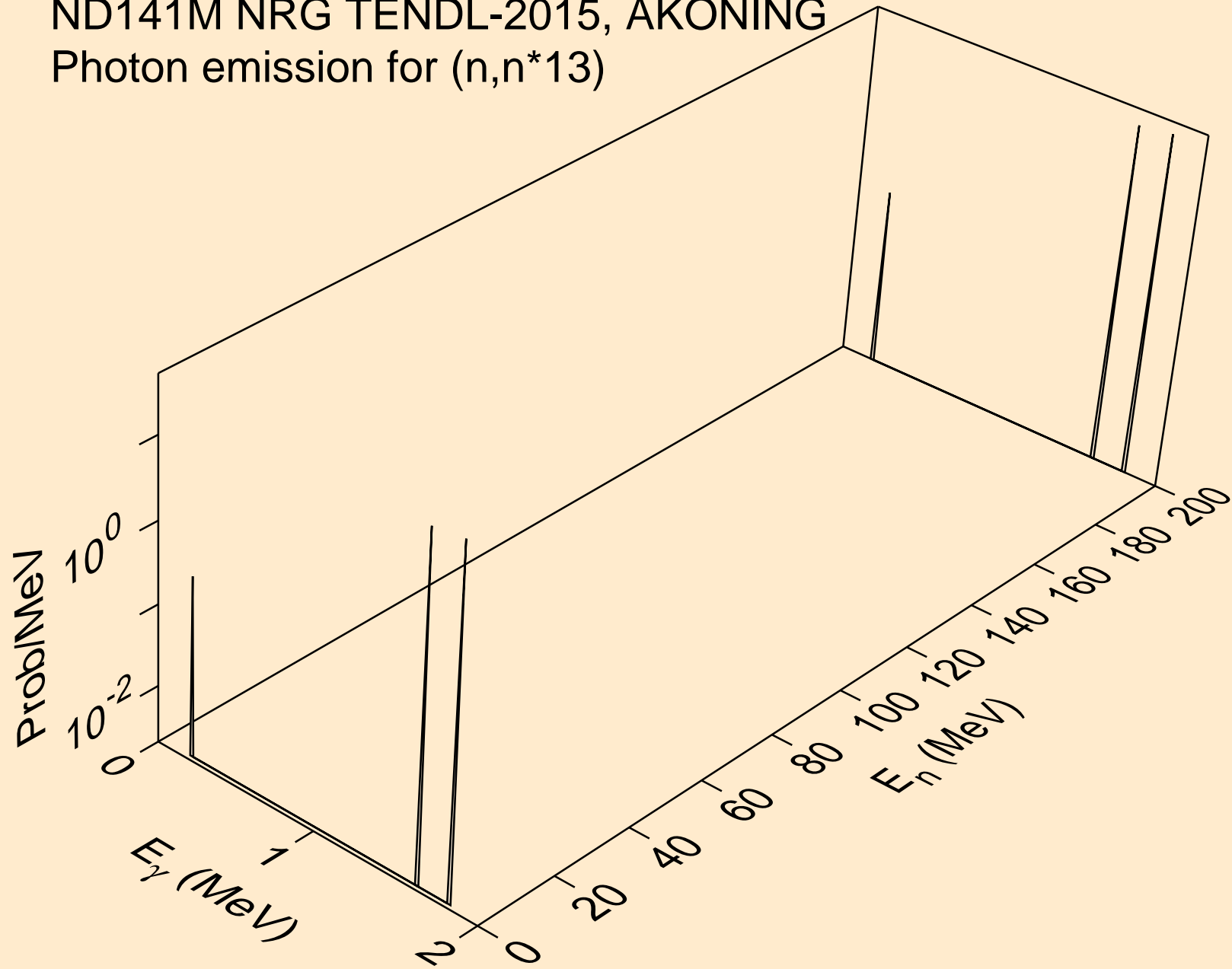
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Photon emission for (n,n\*11)



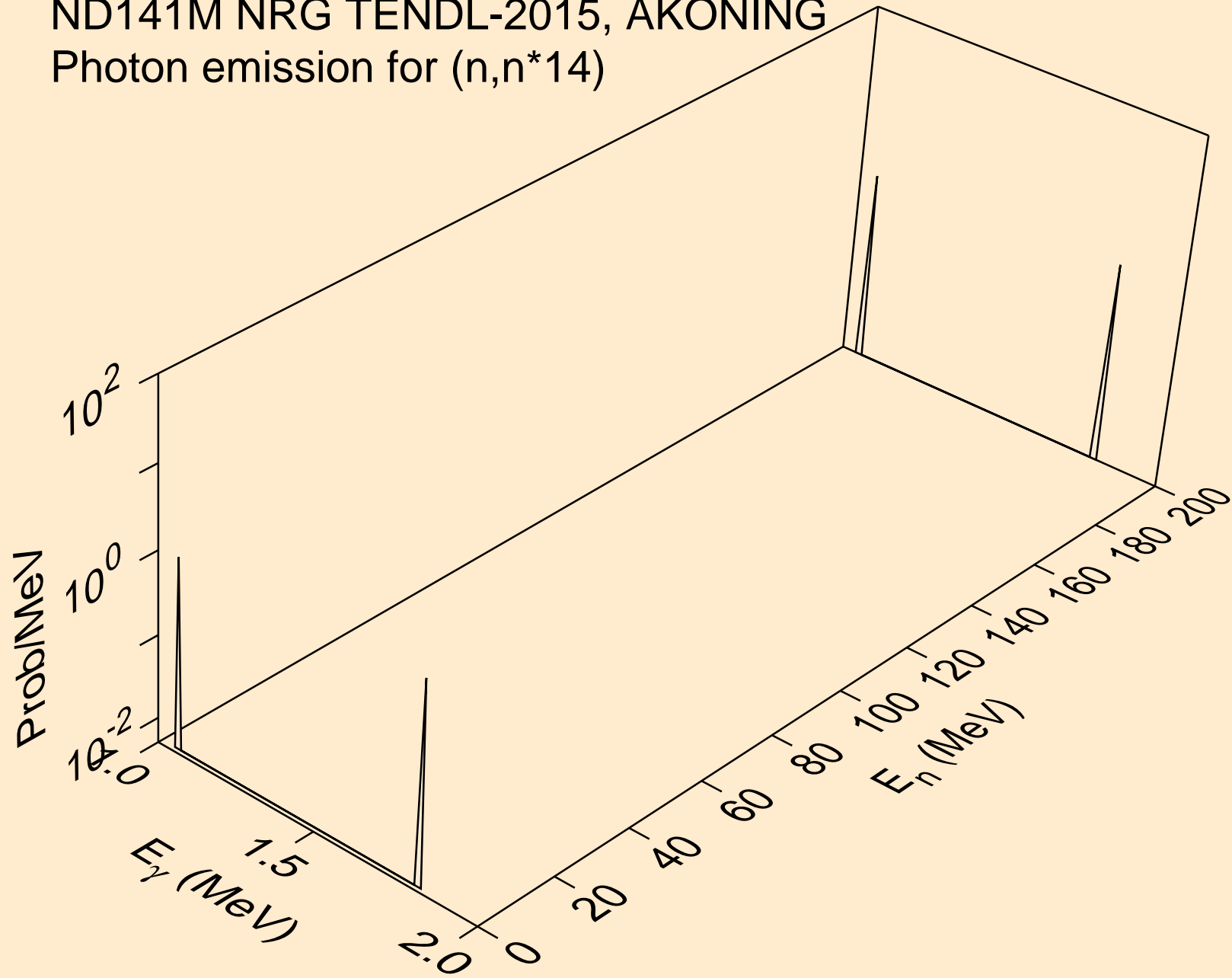
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Photon emission for (n,n\*12)



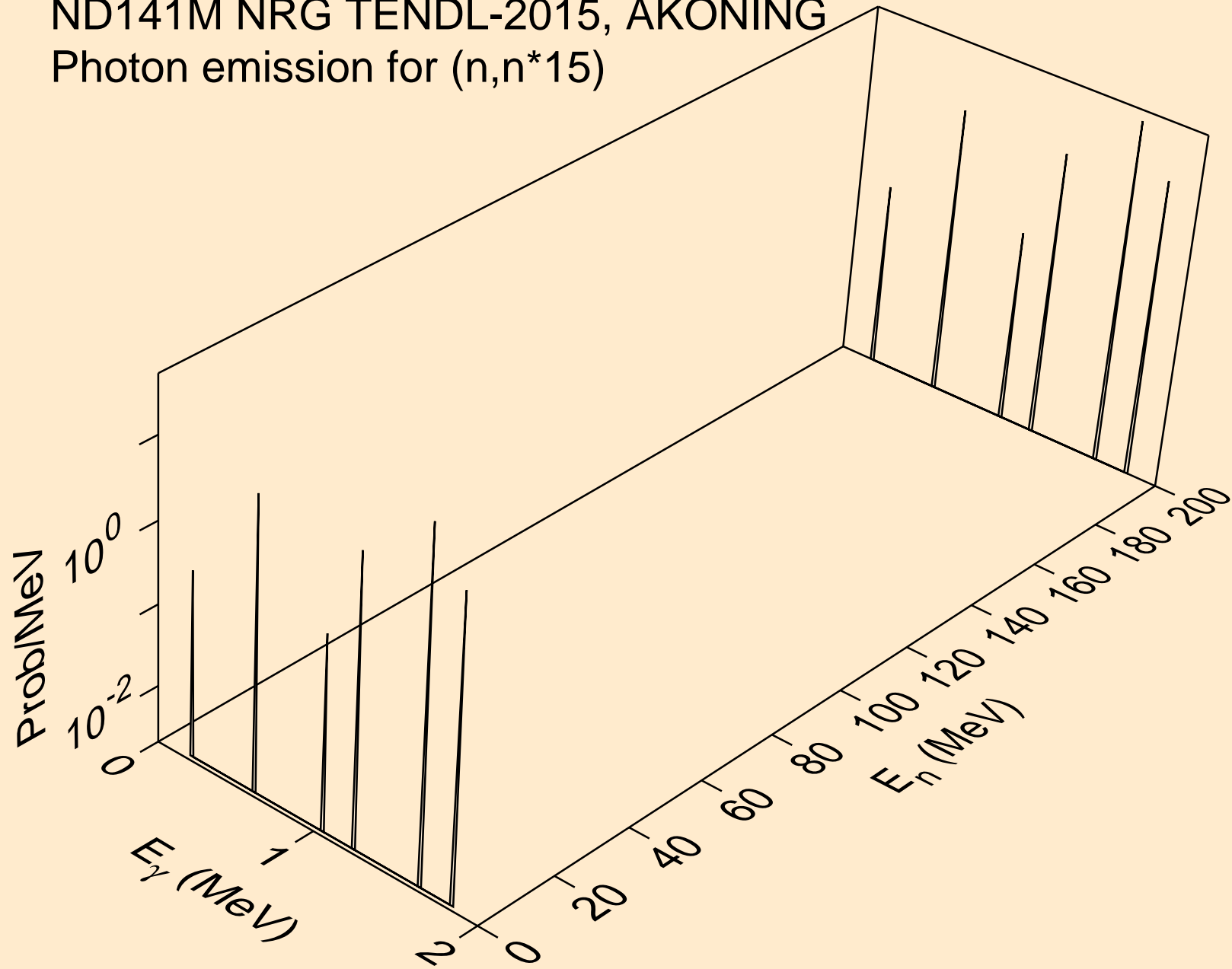
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Photon emission for (n,n\*13)



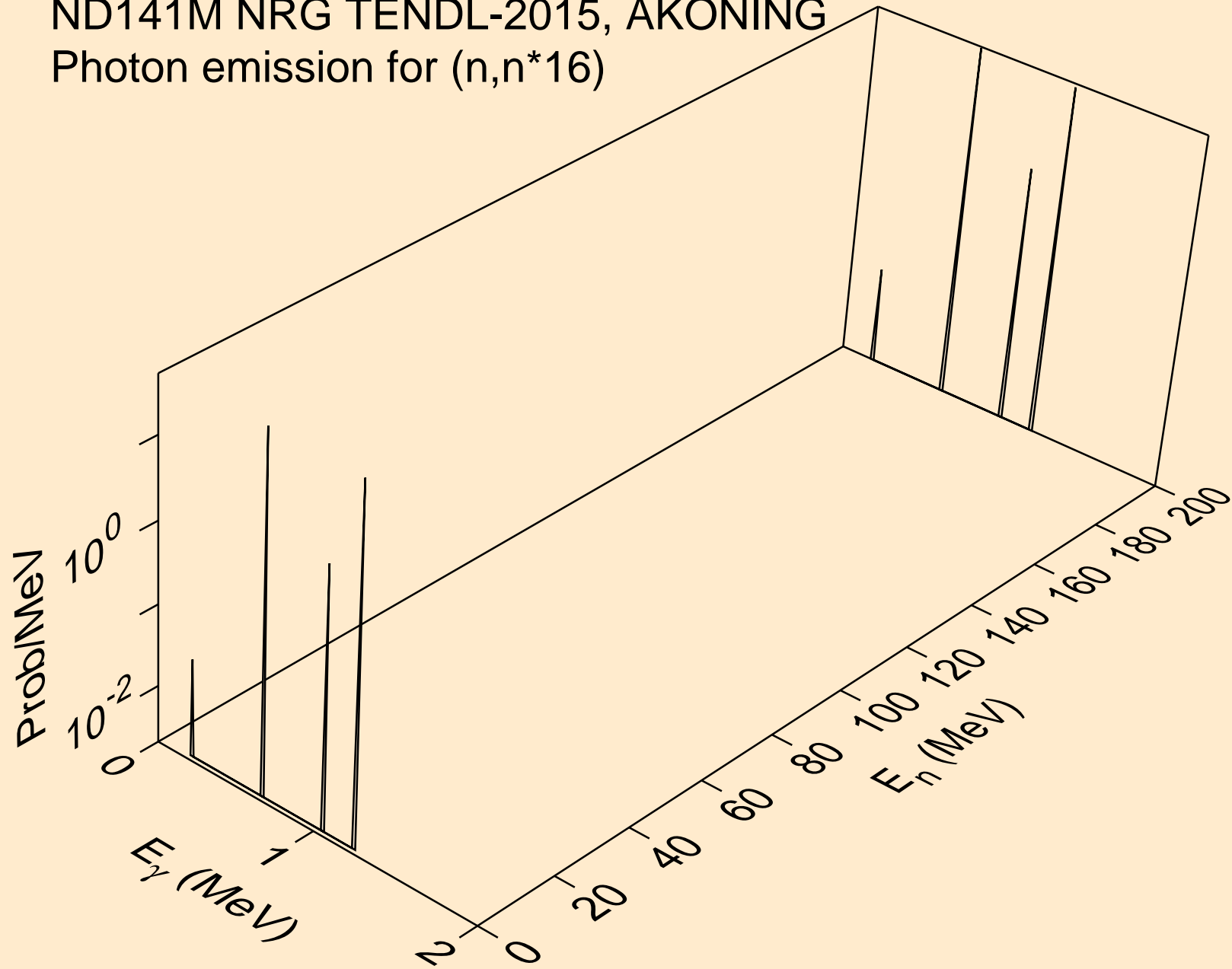
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Photon emission for (n,n\*14)



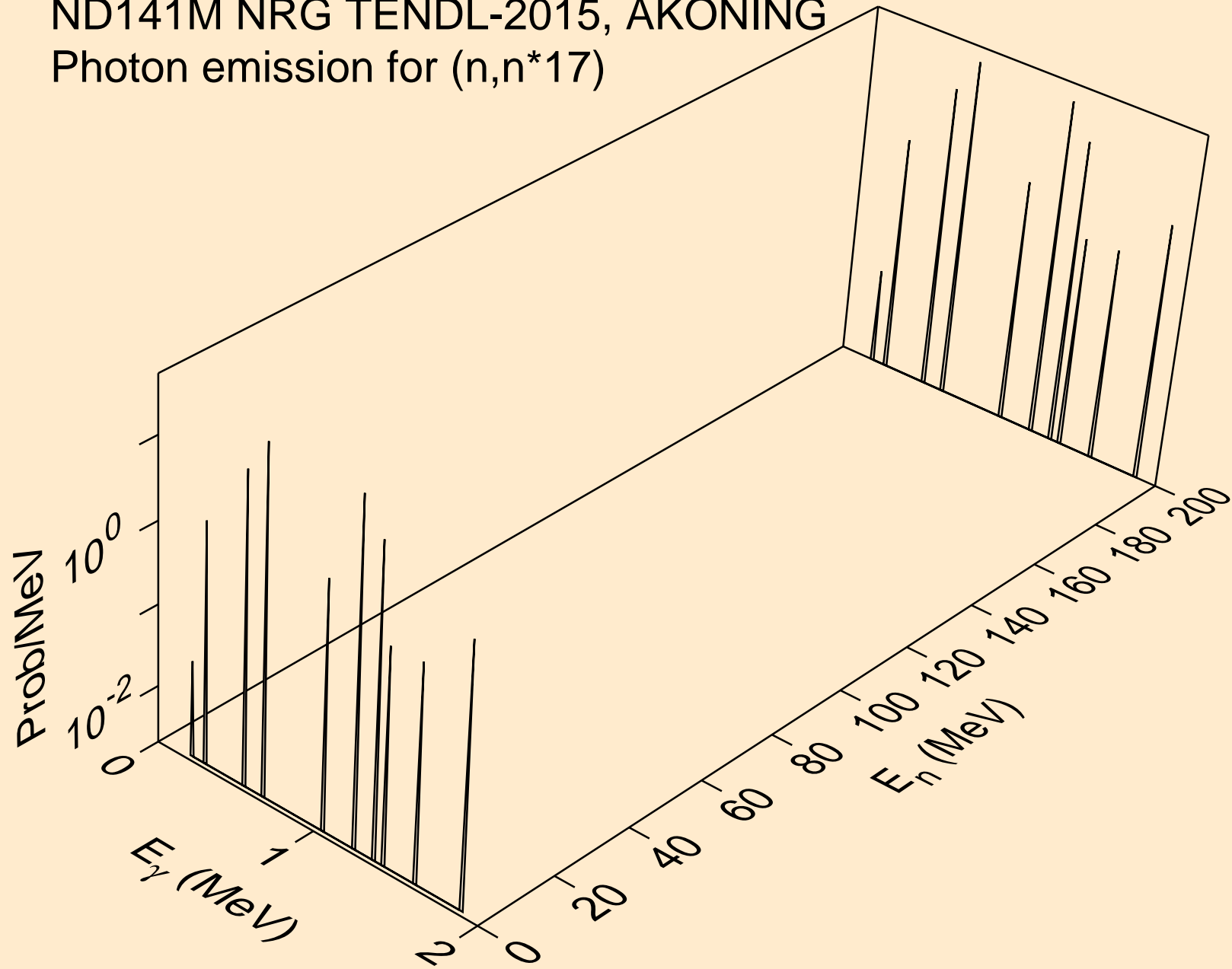
ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)



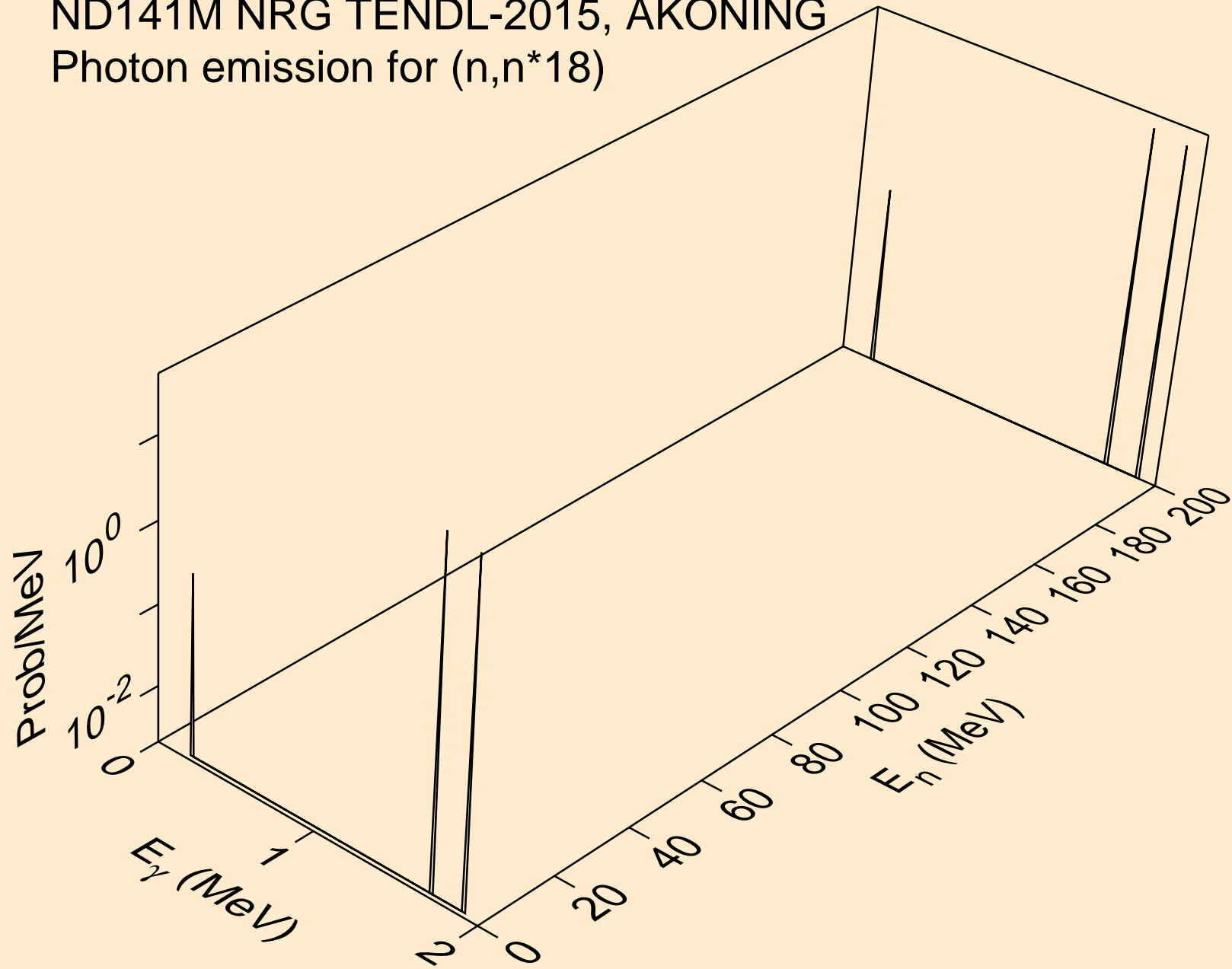
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Photon emission for (n,n\*16)



ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*17)

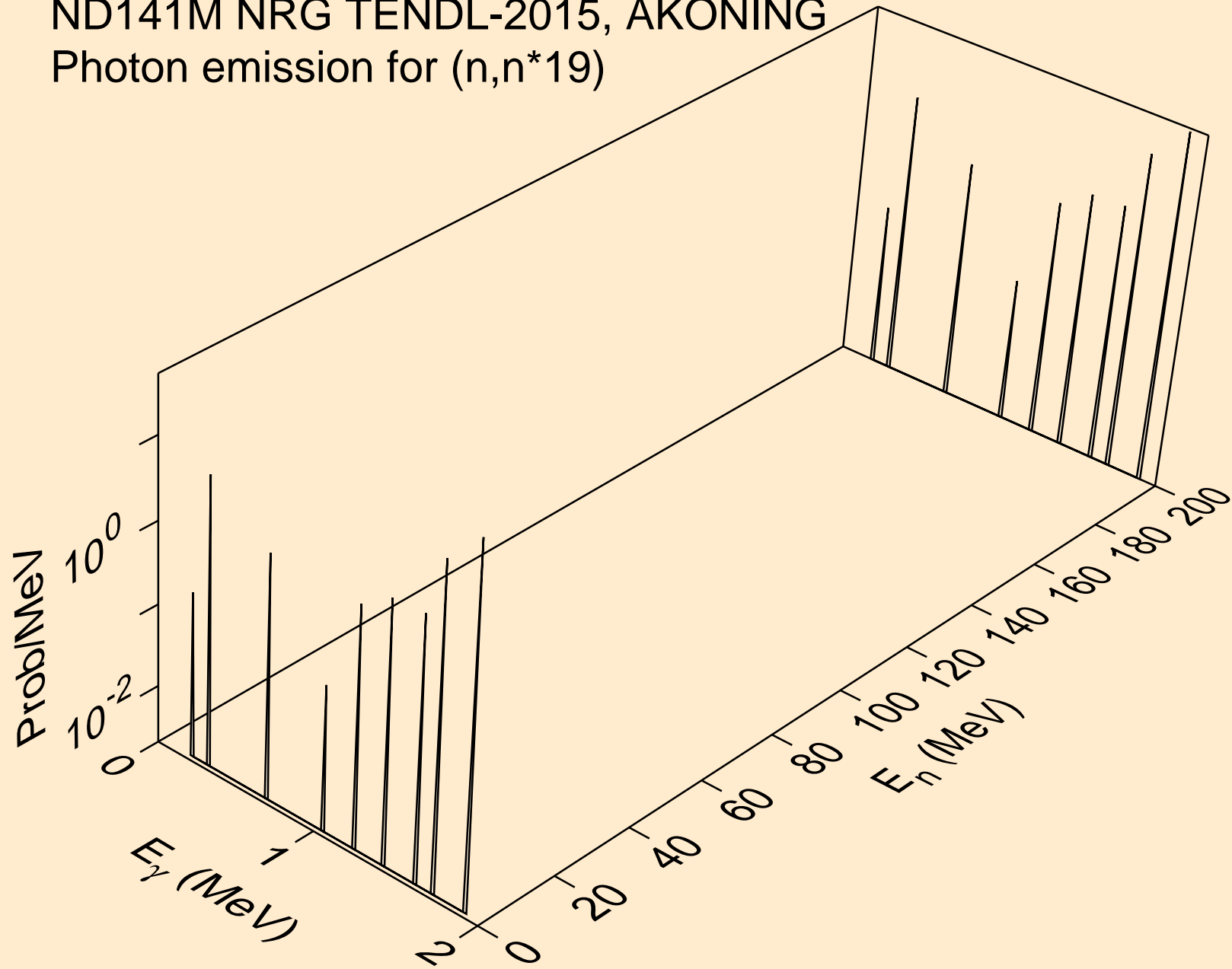


ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)

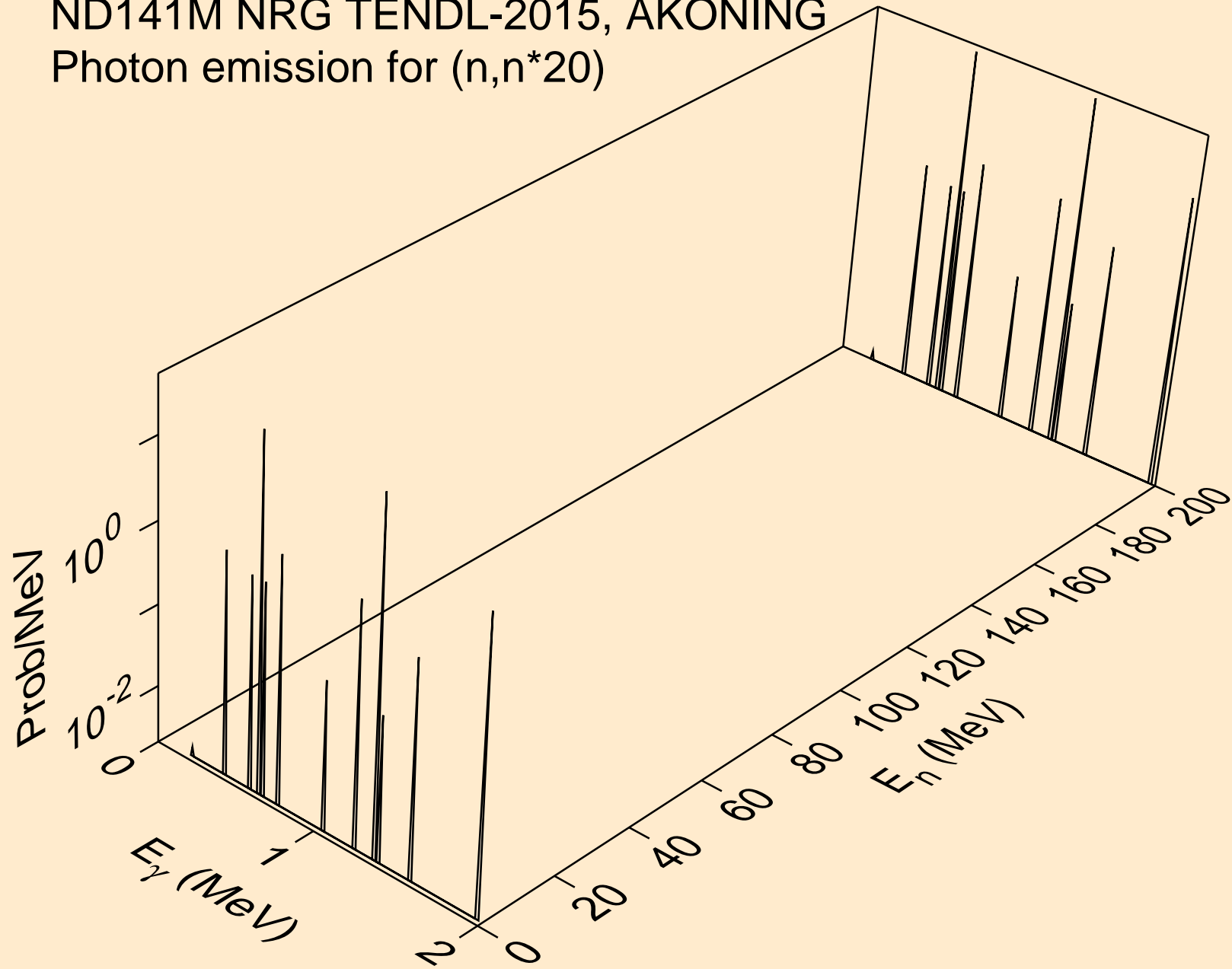




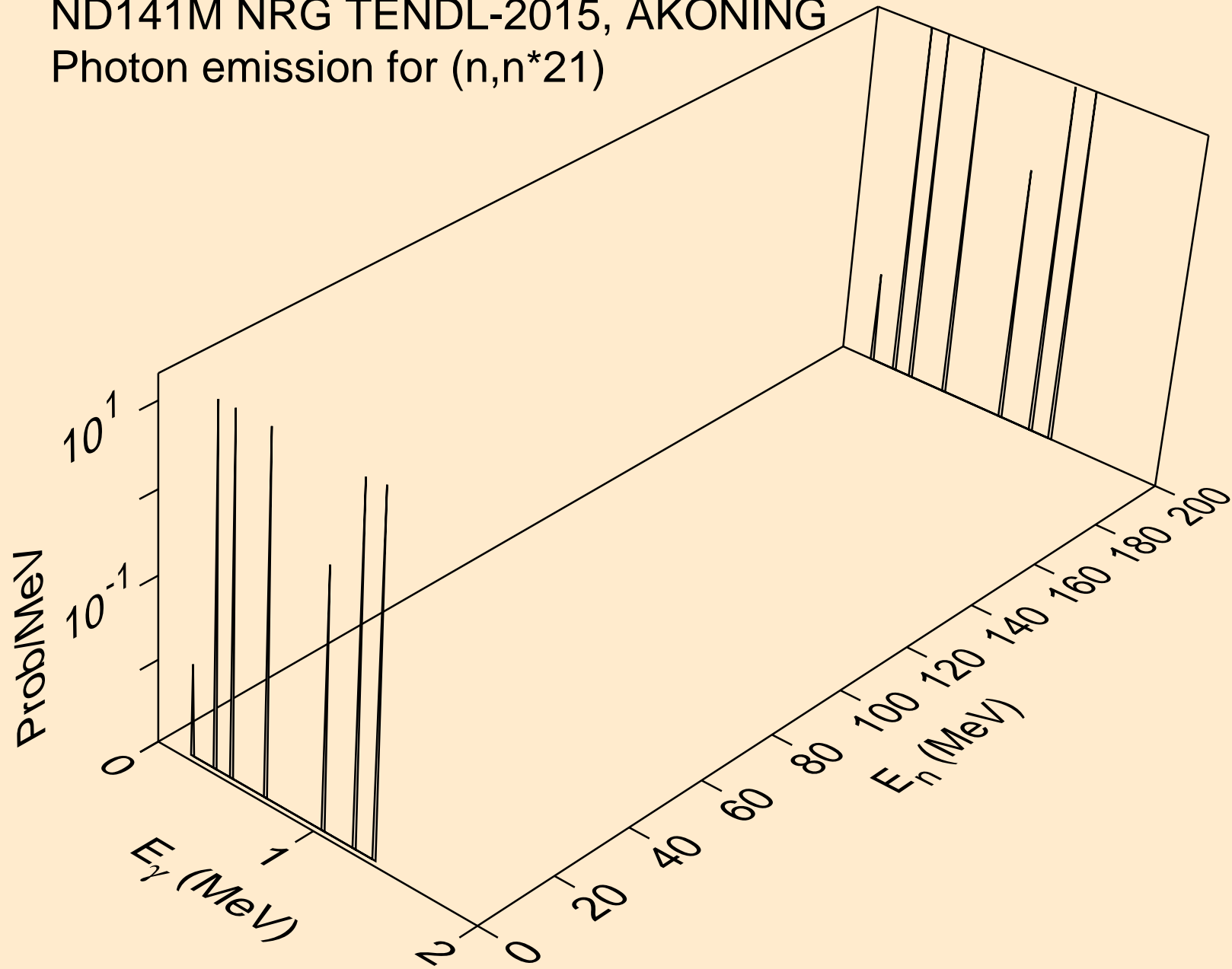
ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)



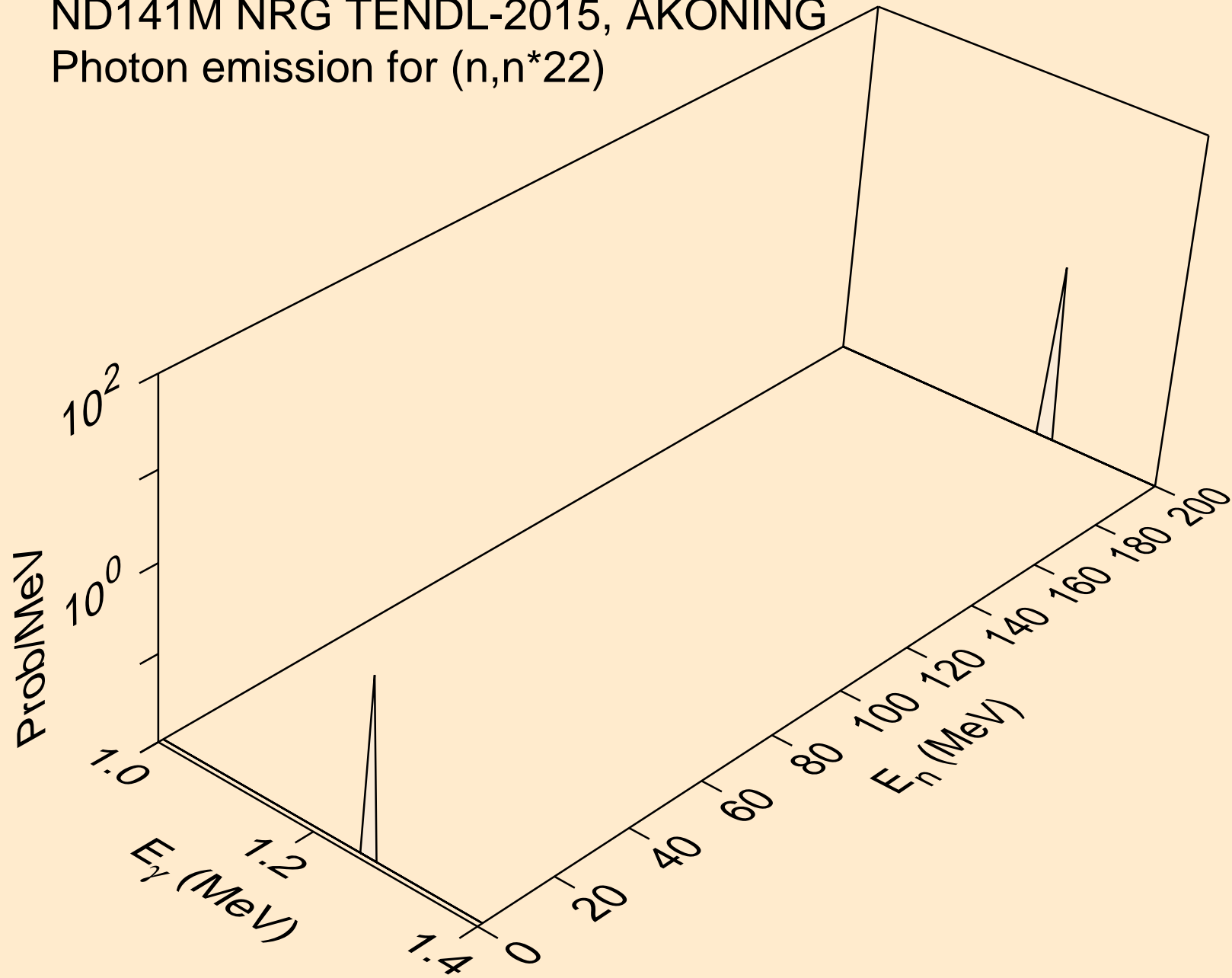
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Photon emission for (n,n\*20)



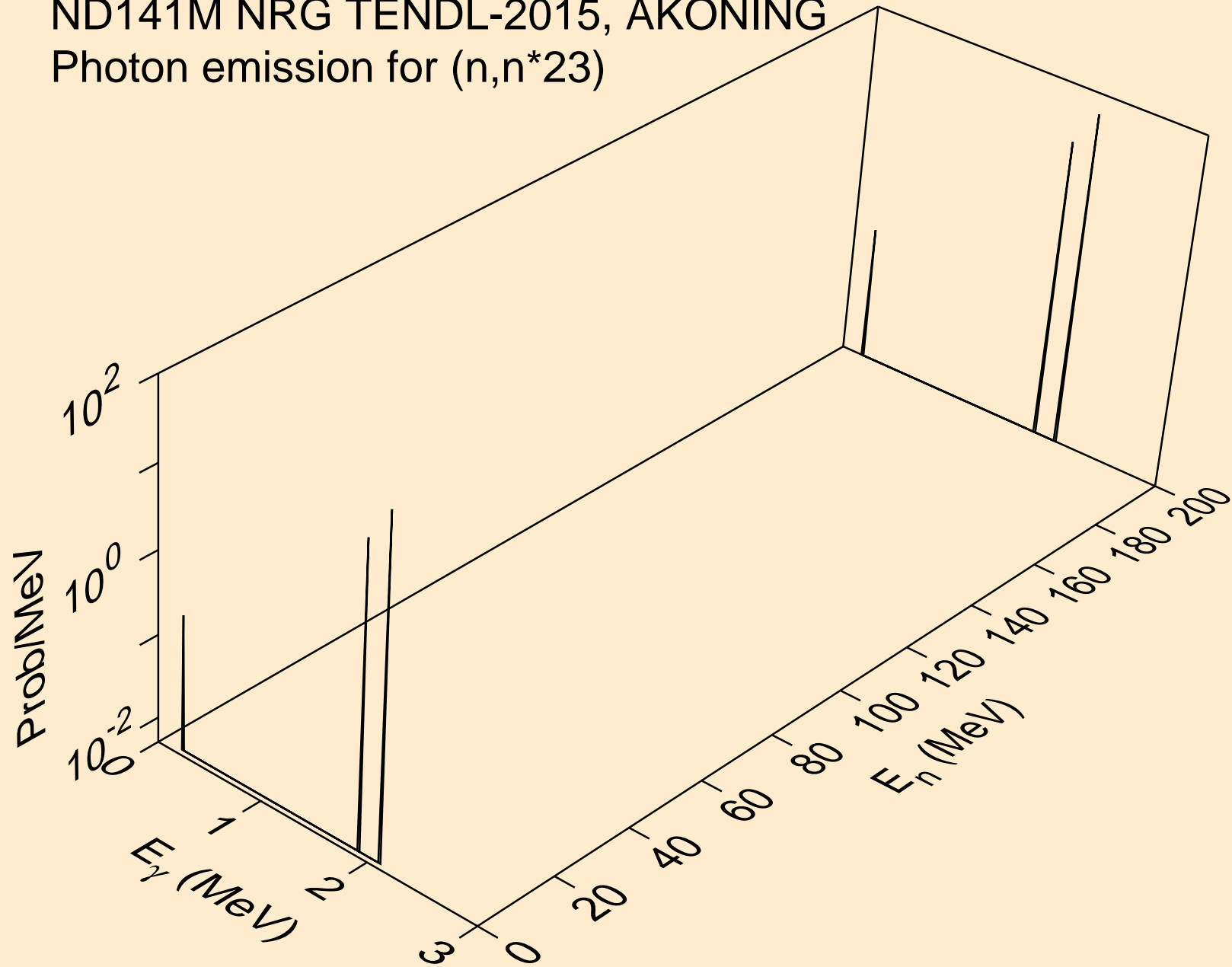
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Photon emission for (n,n\*21)



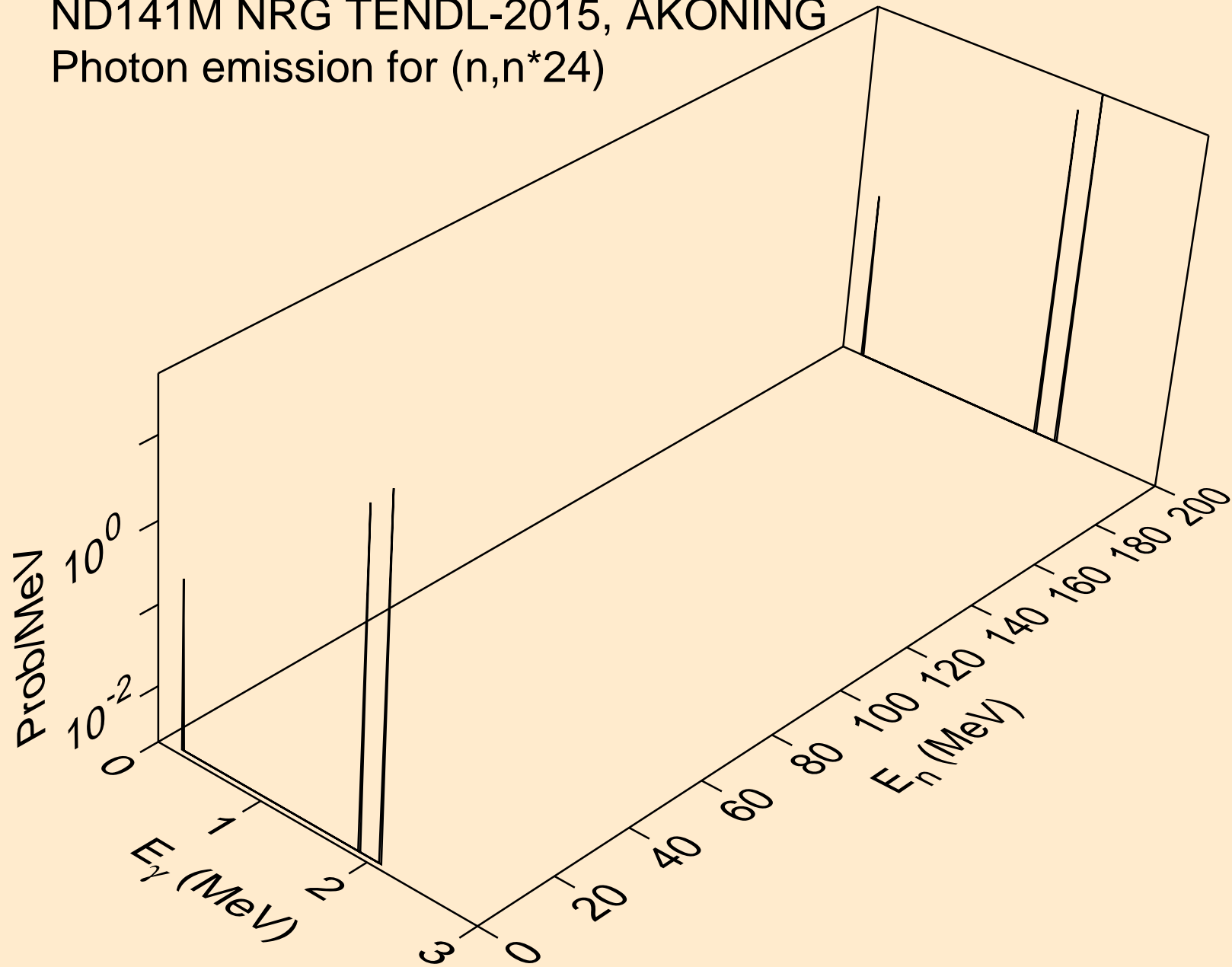
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Photon emission for (n,n\*22)



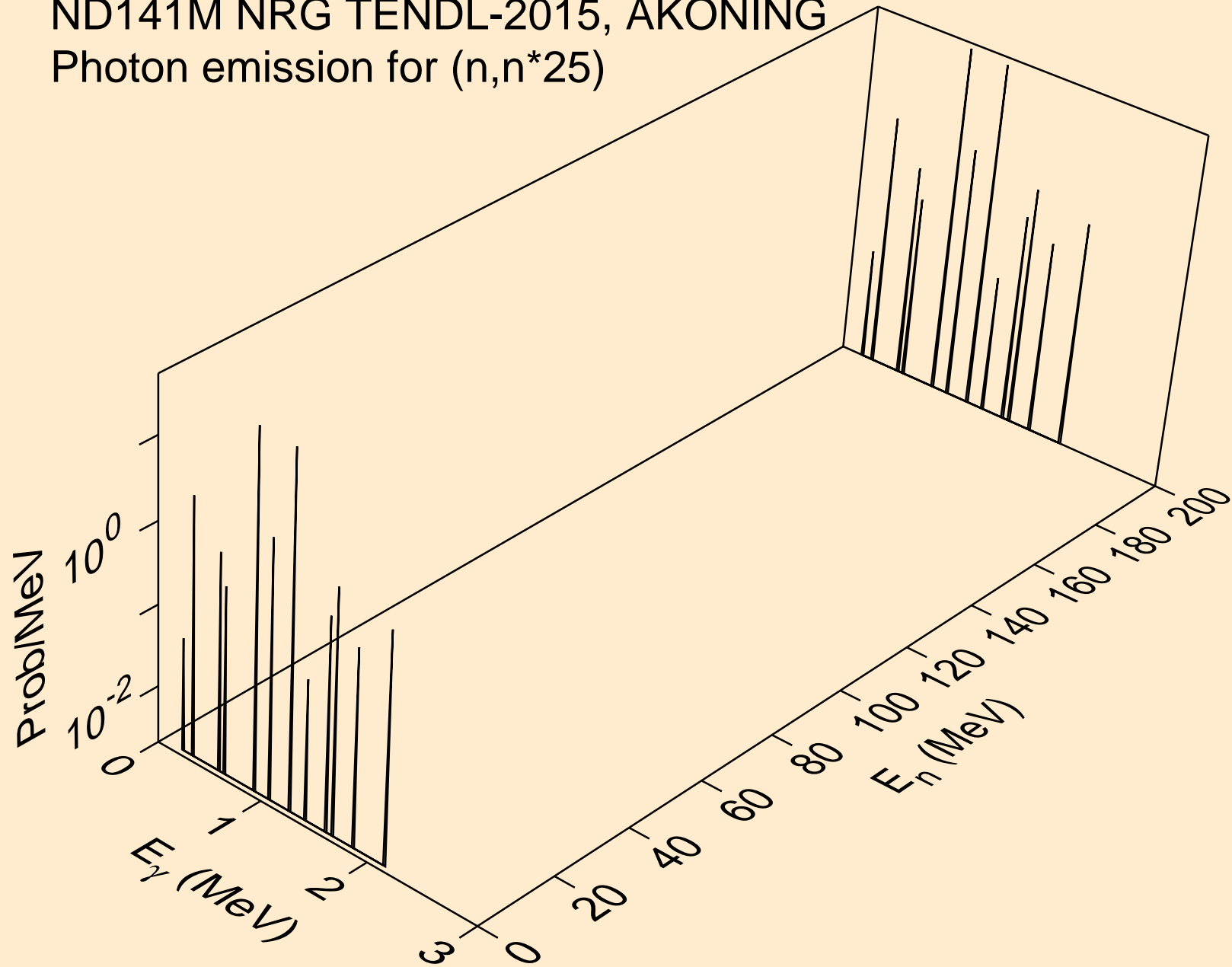
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Photon emission for (n,n\*23)



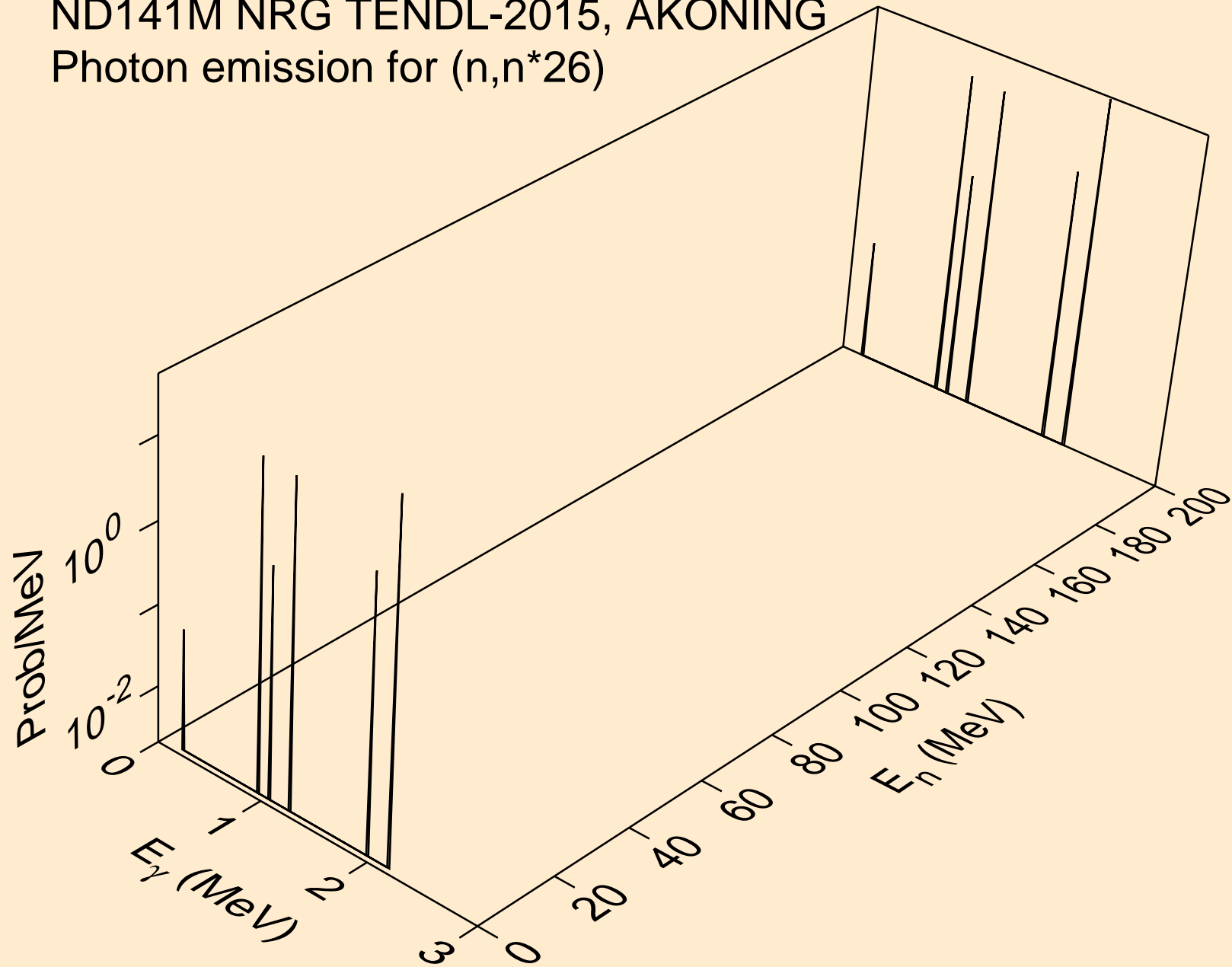
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Photon emission for (n,n\*24)



ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)

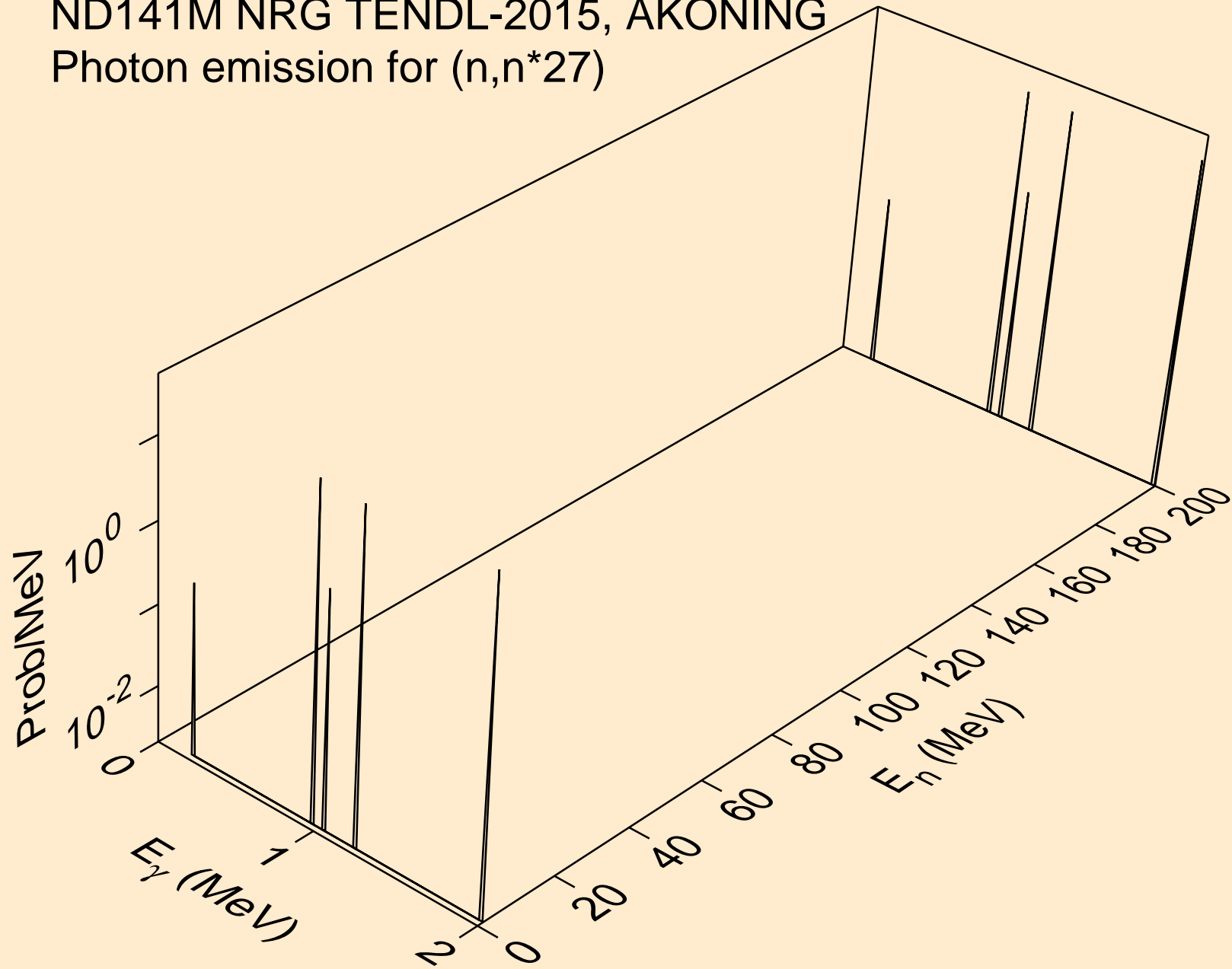


ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)

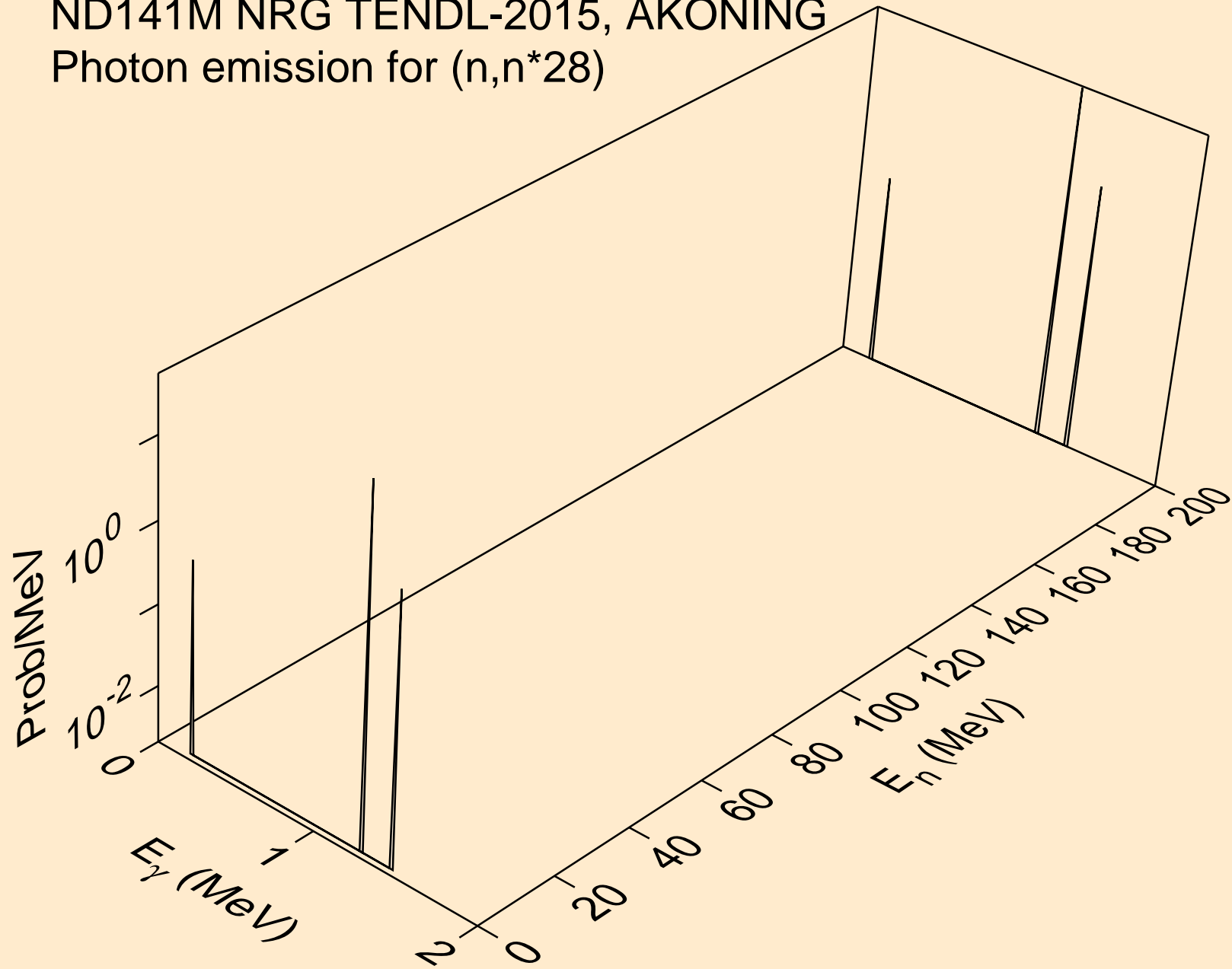




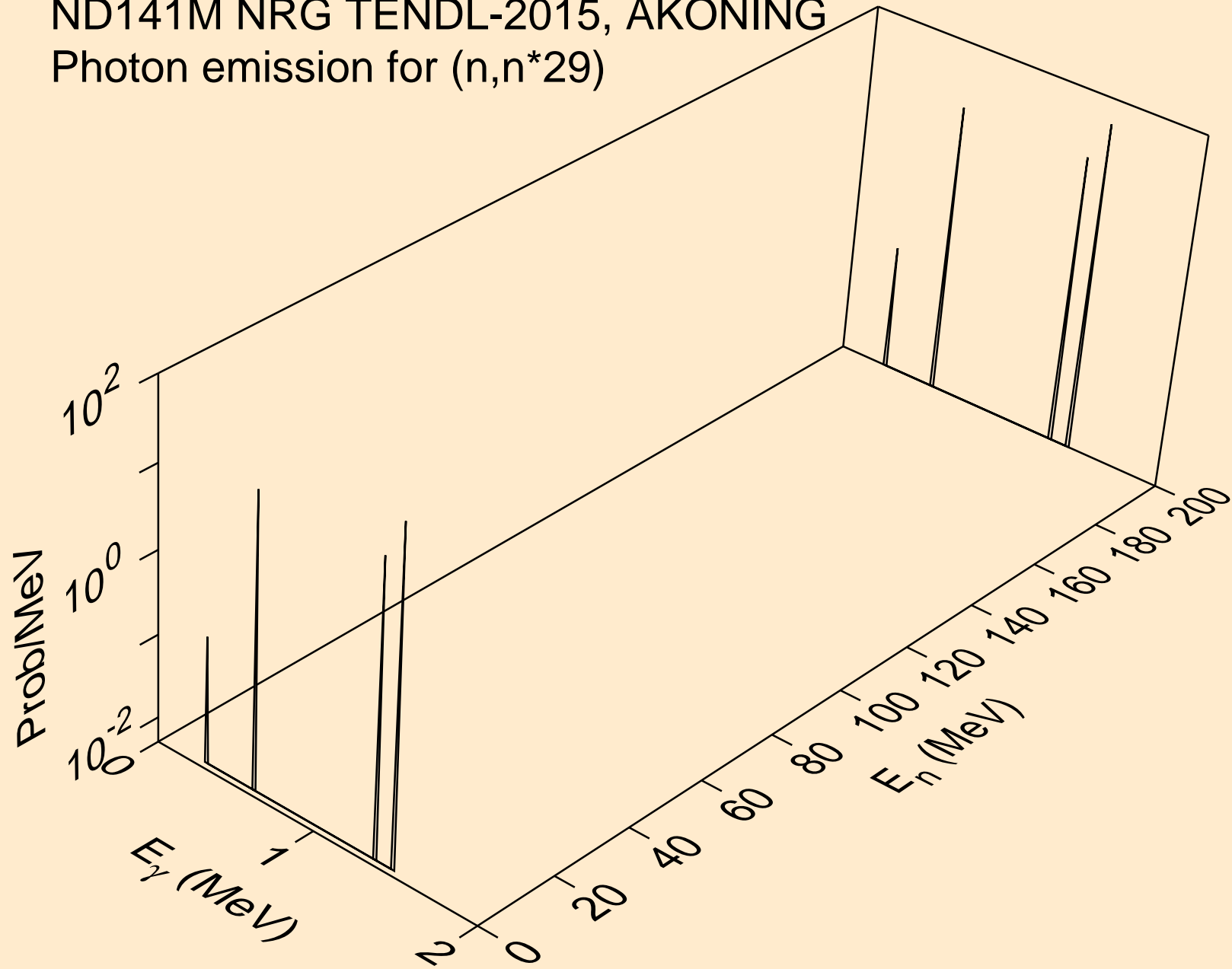
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Photon emission for (n,n\*27)



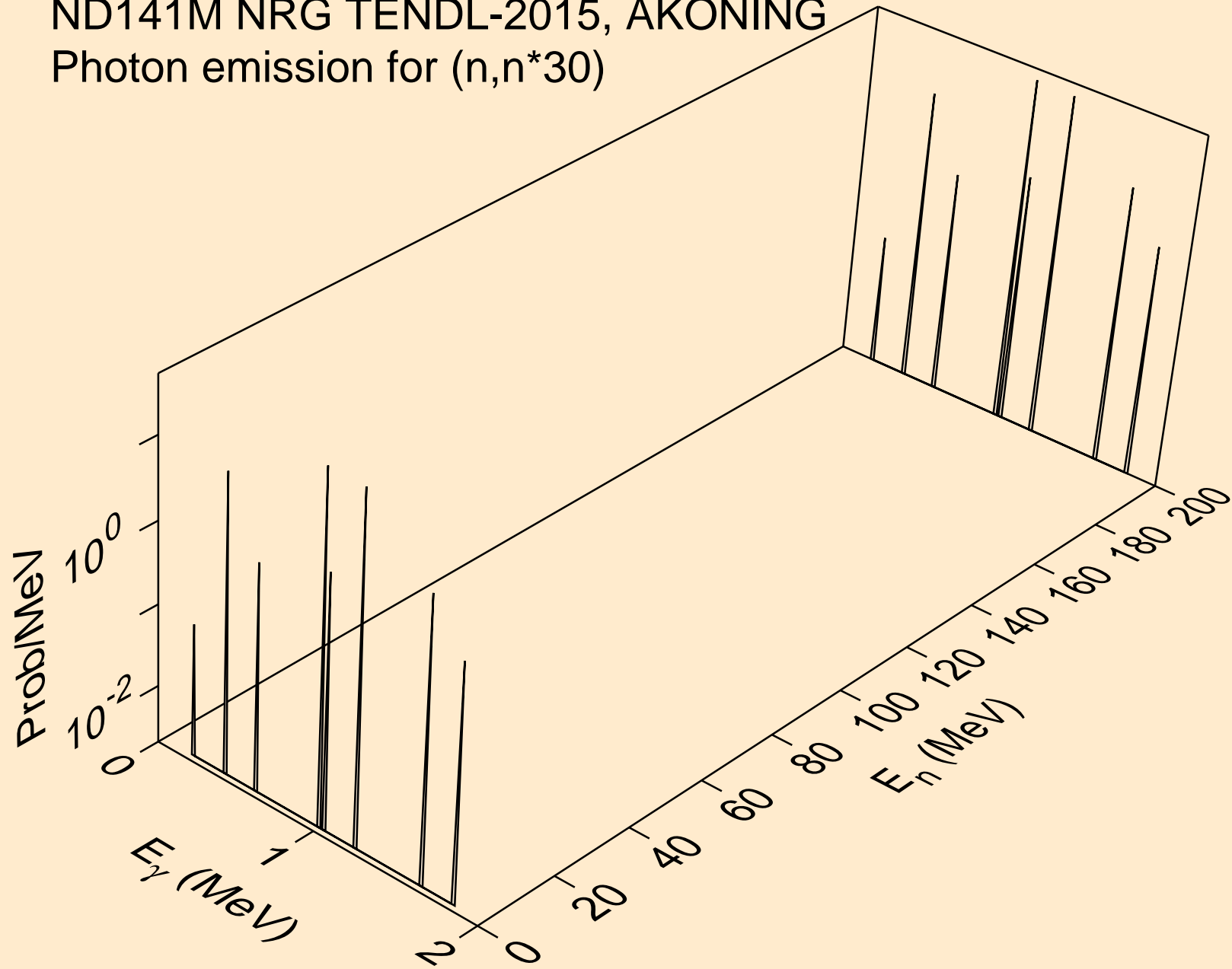
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Photon emission for (n,n\*28)



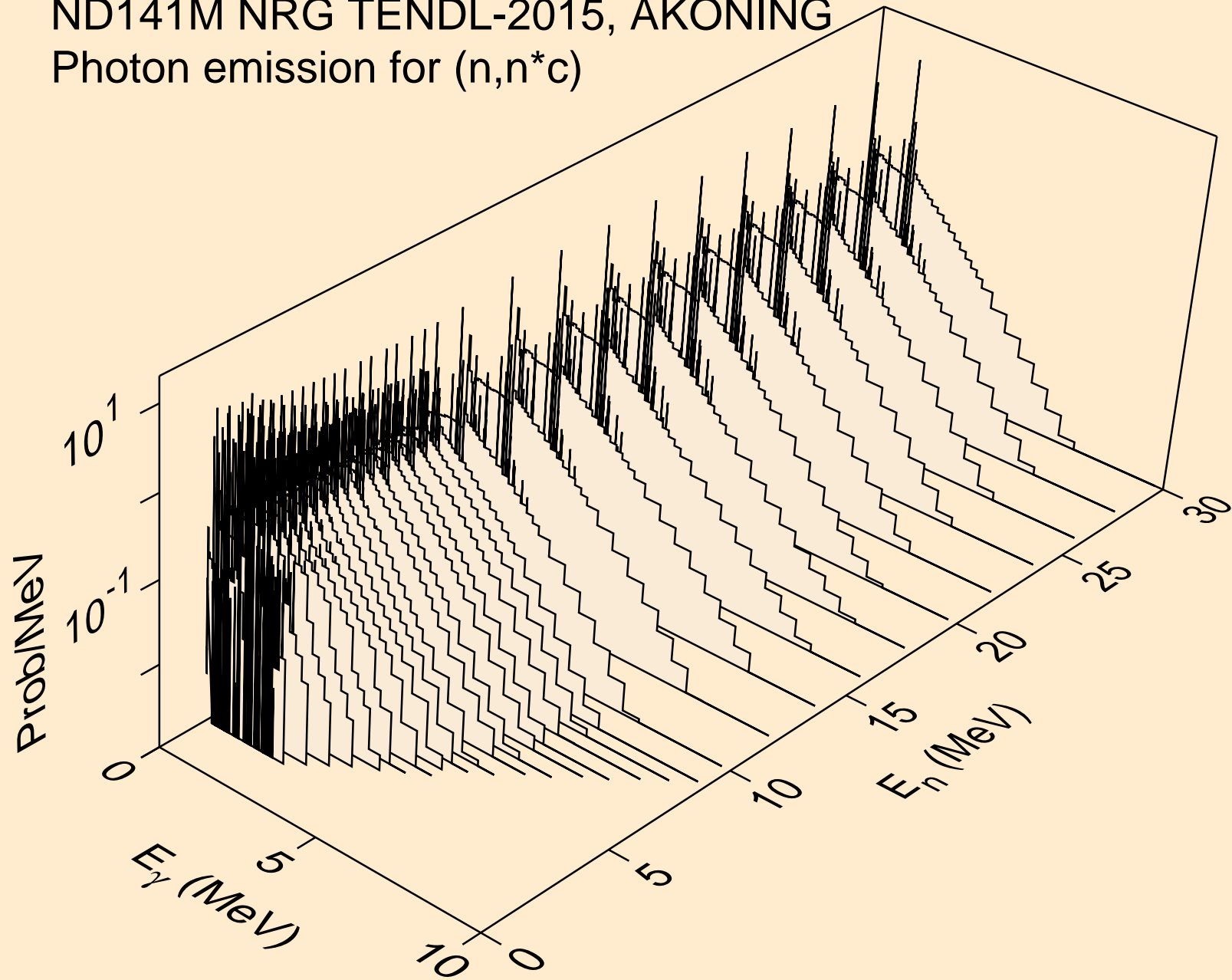
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Photon emission for (n,n\*29)



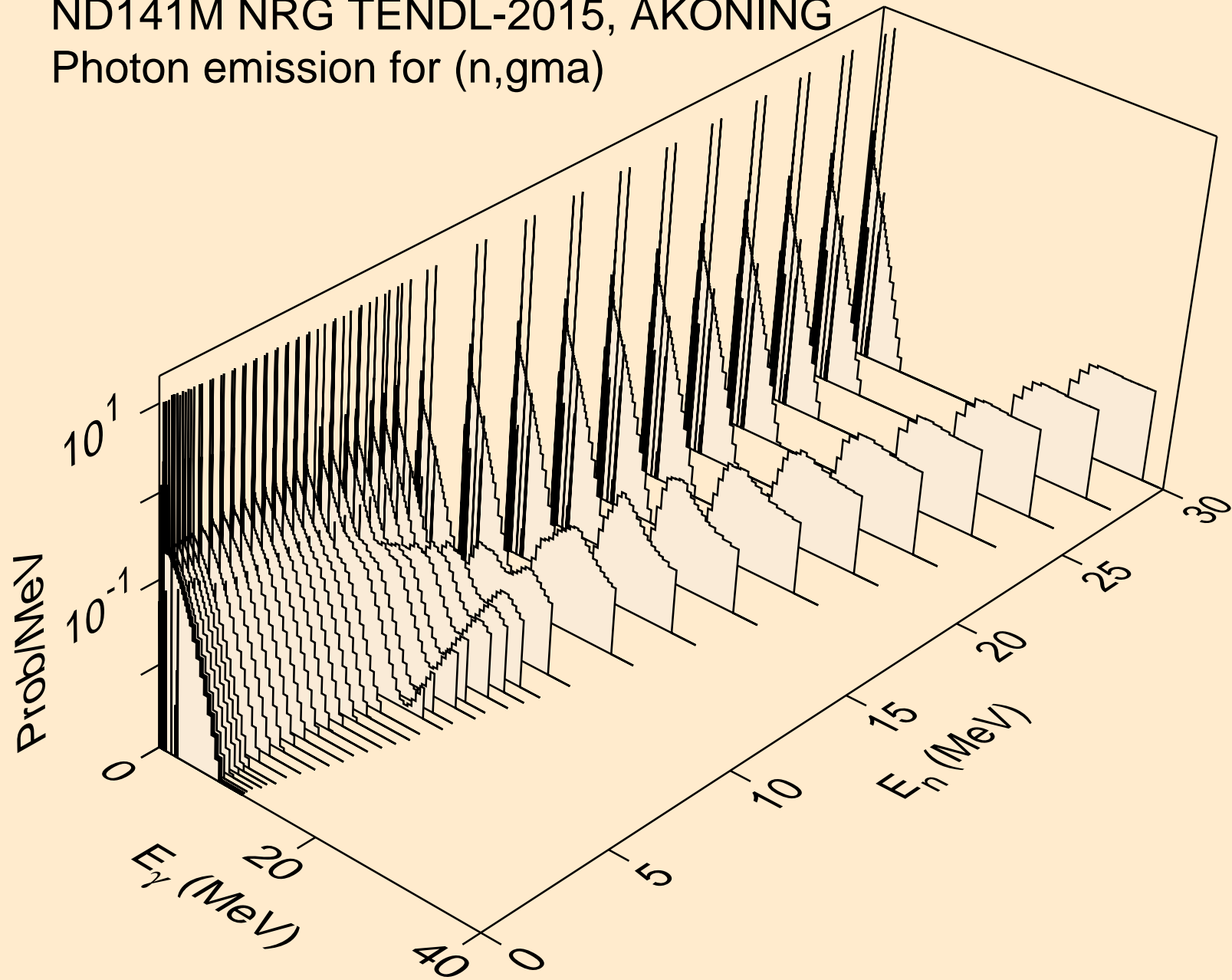
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Photon emission for (n,n\*30)



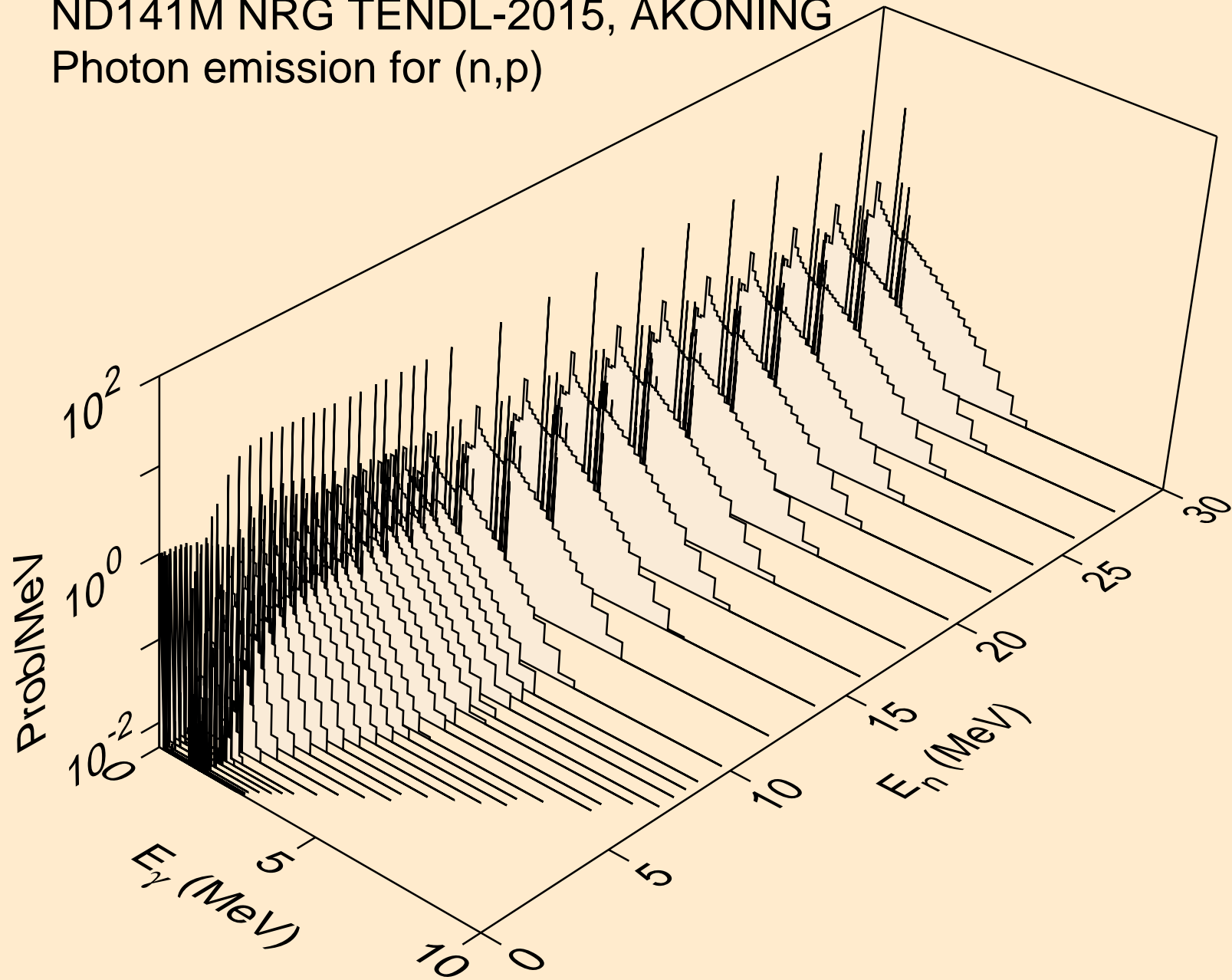
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Photon emission for (n,n\*c)



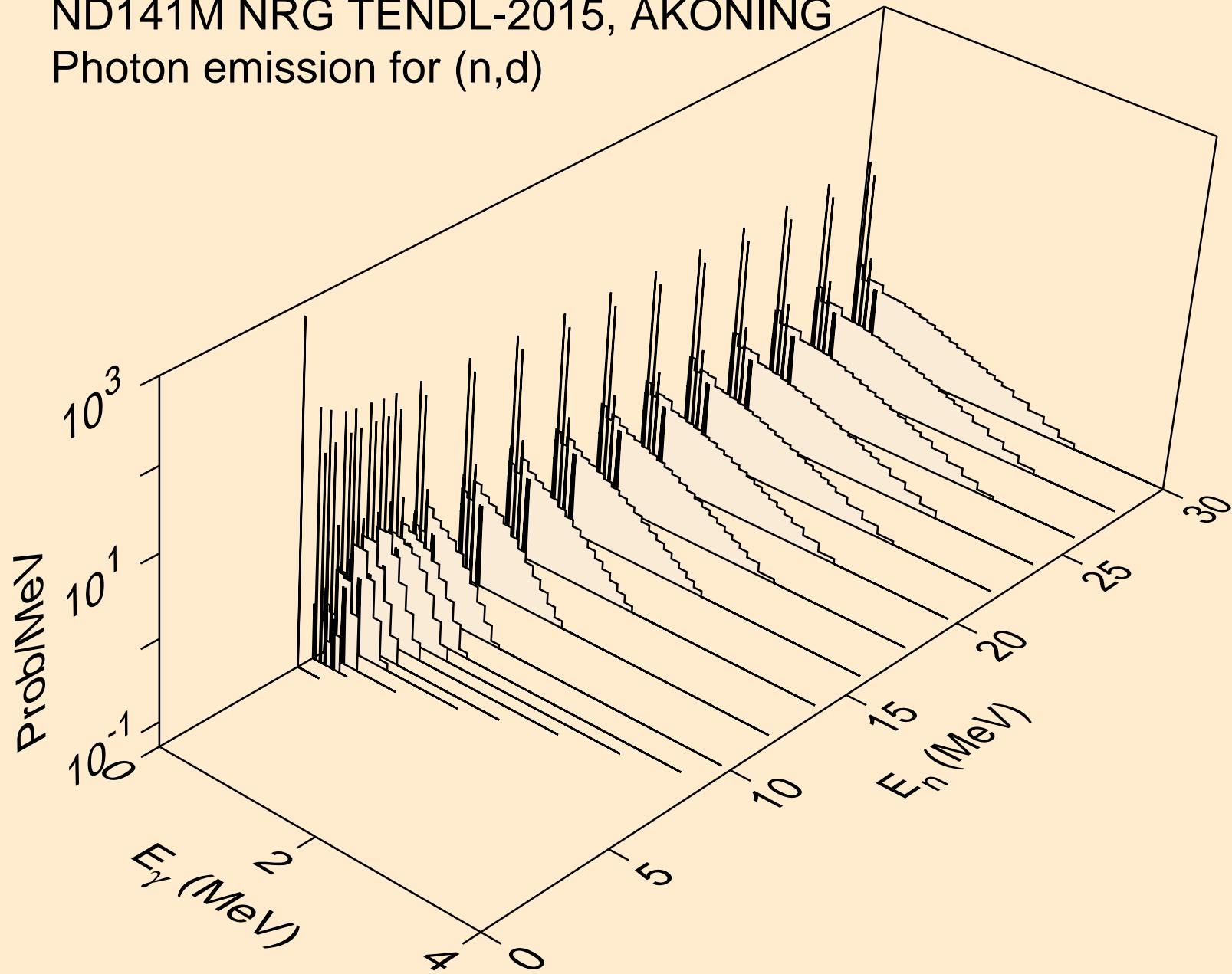
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Photon emission for (n,gma)



ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,p)

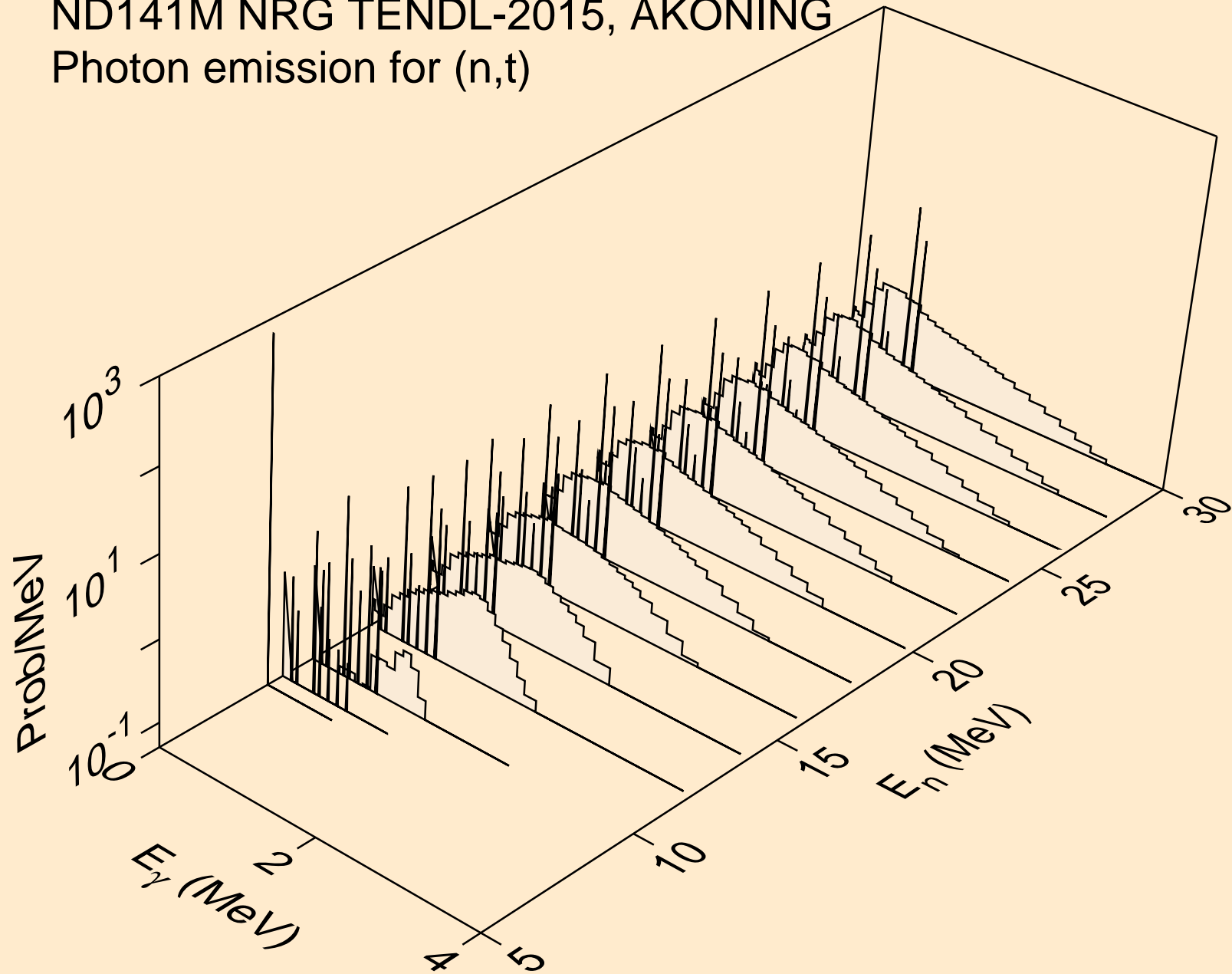


ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,d)

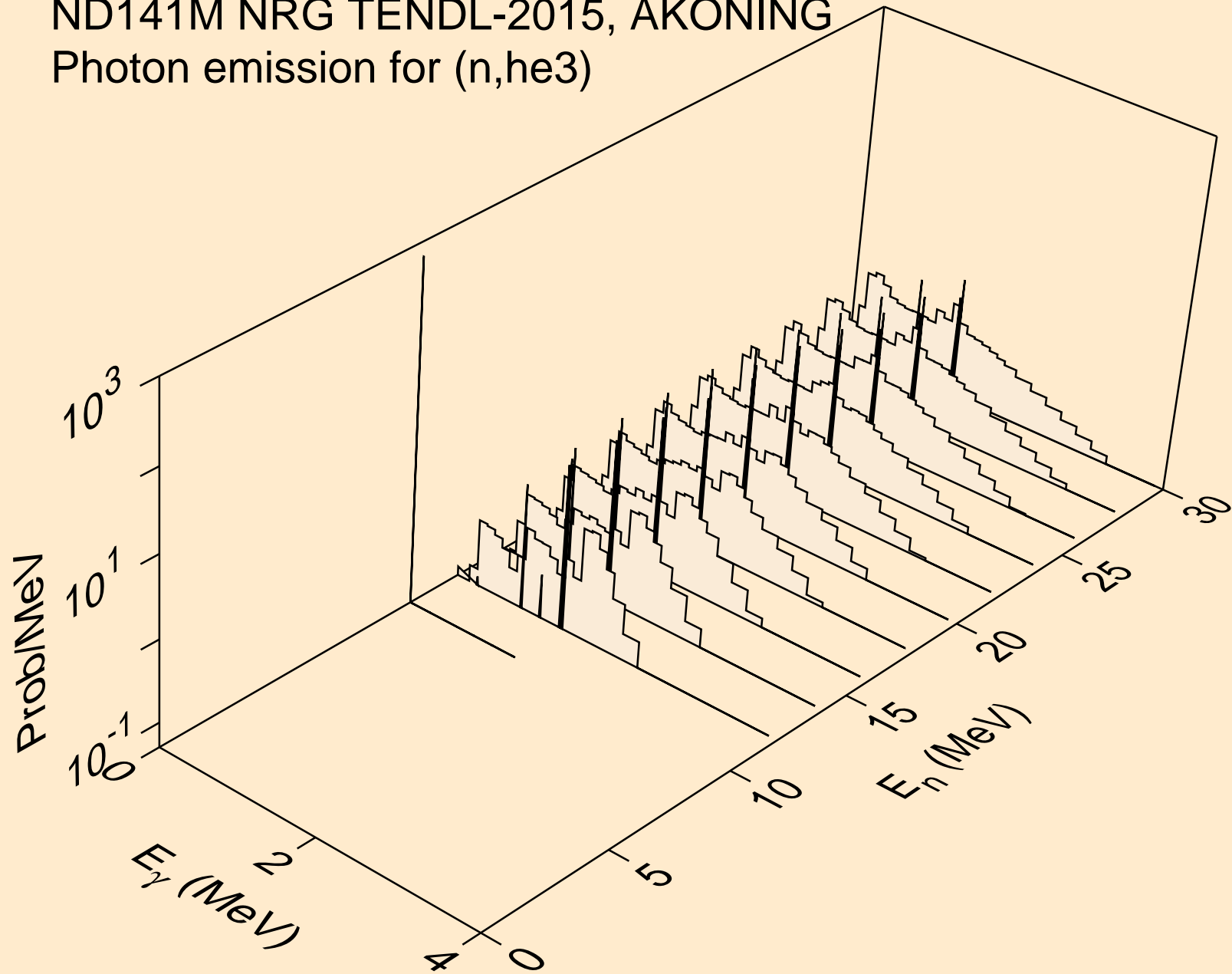




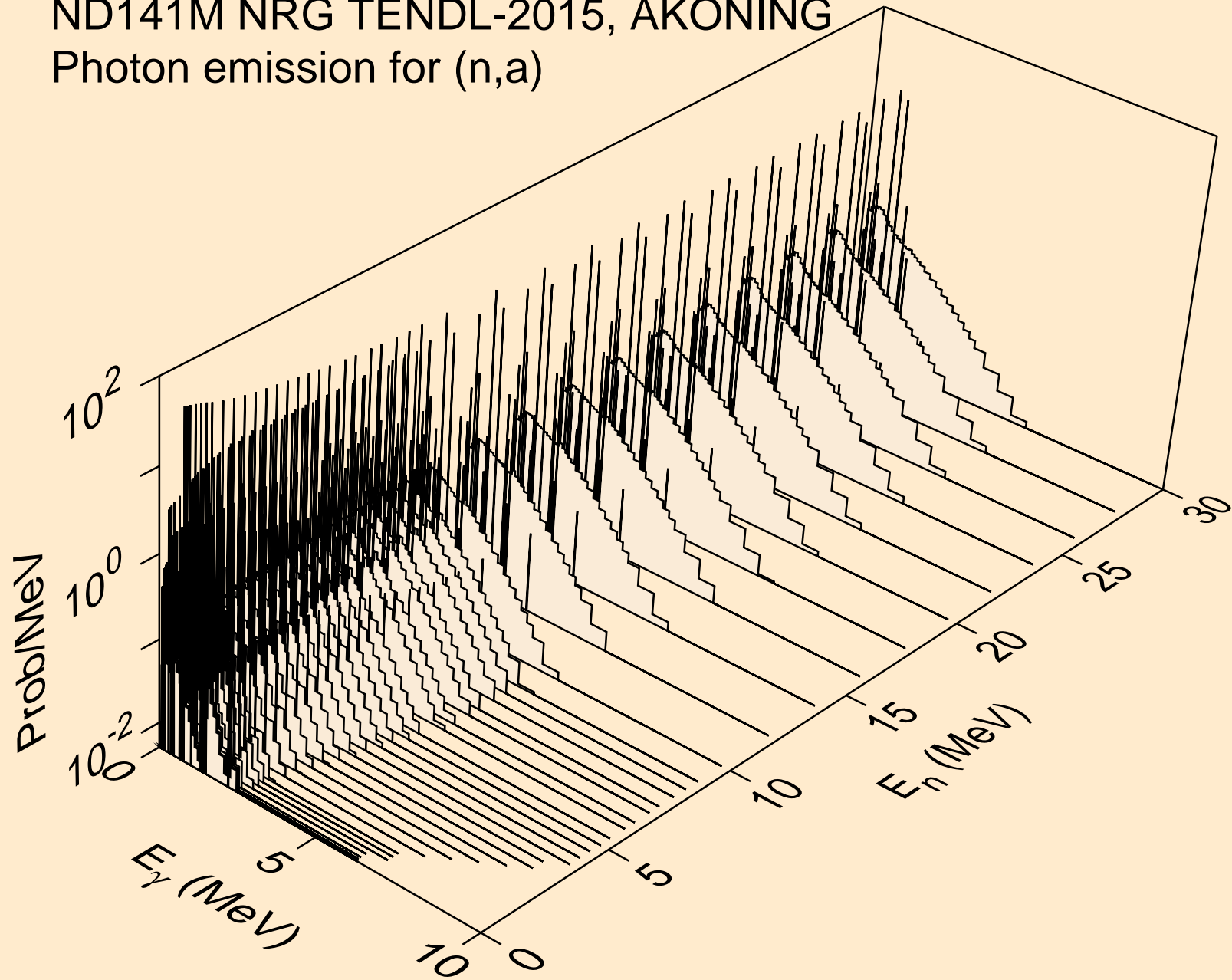
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Photon emission for (n,t)



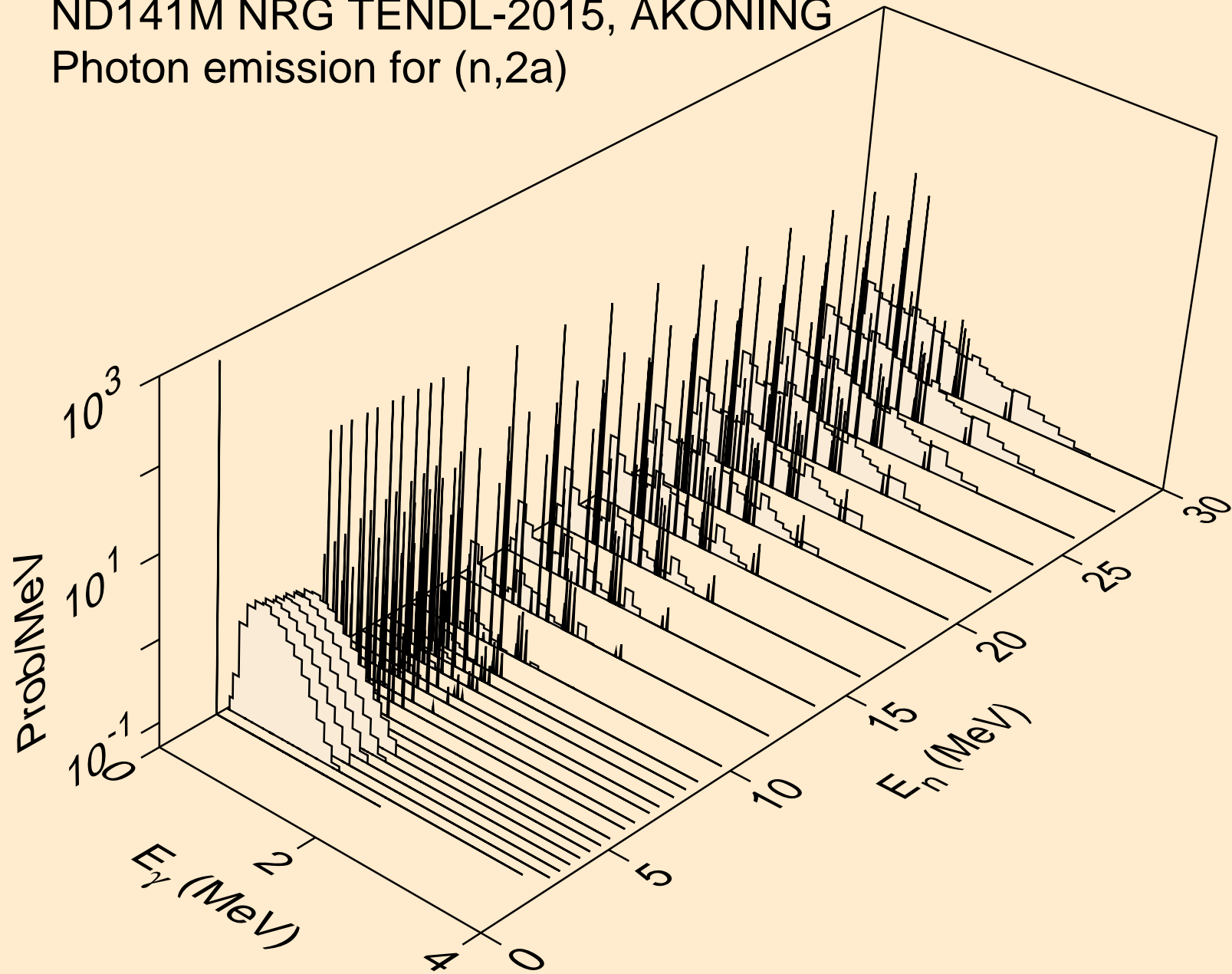
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Photon emission for (n,he3)



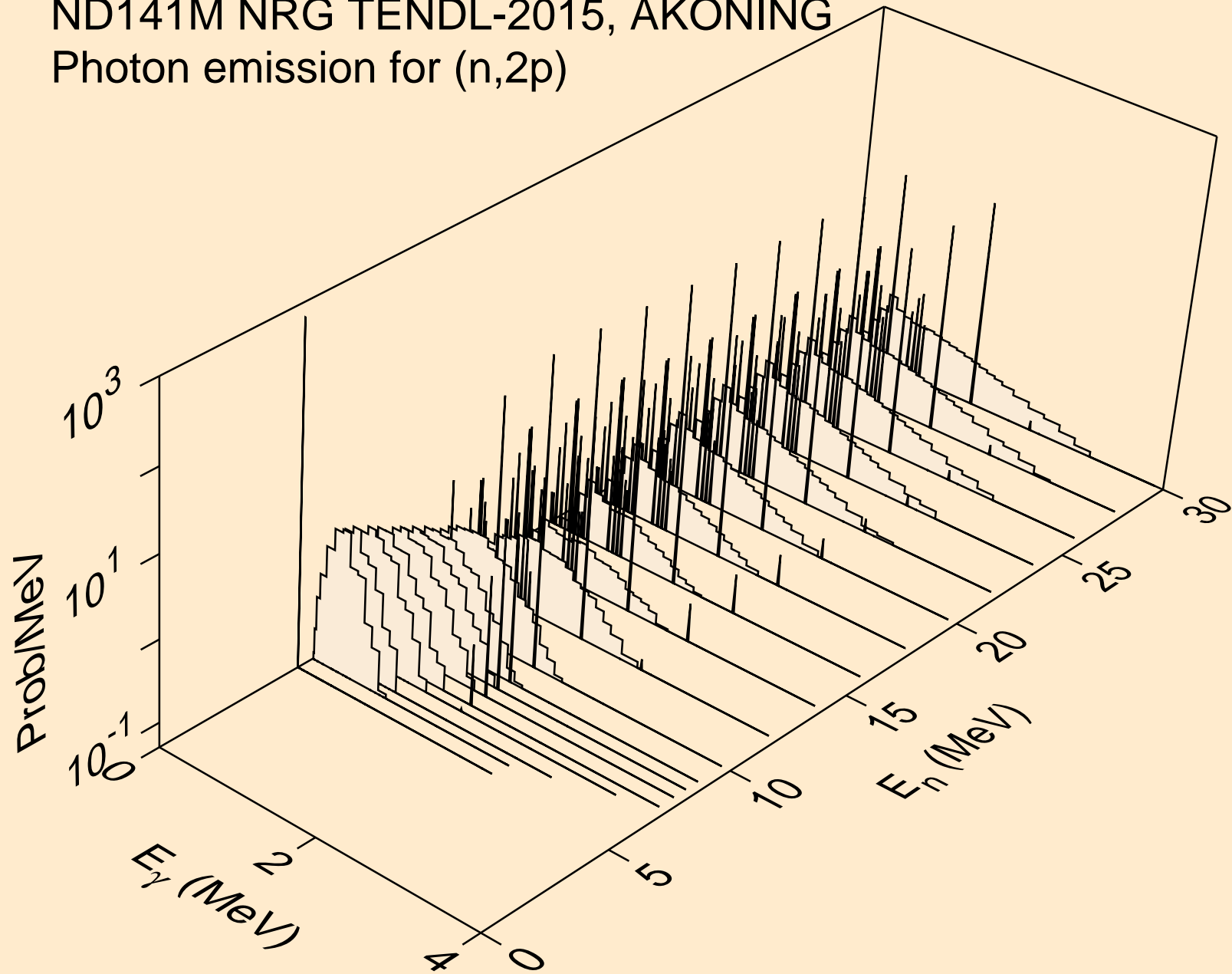
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Photon emission for (n,a)



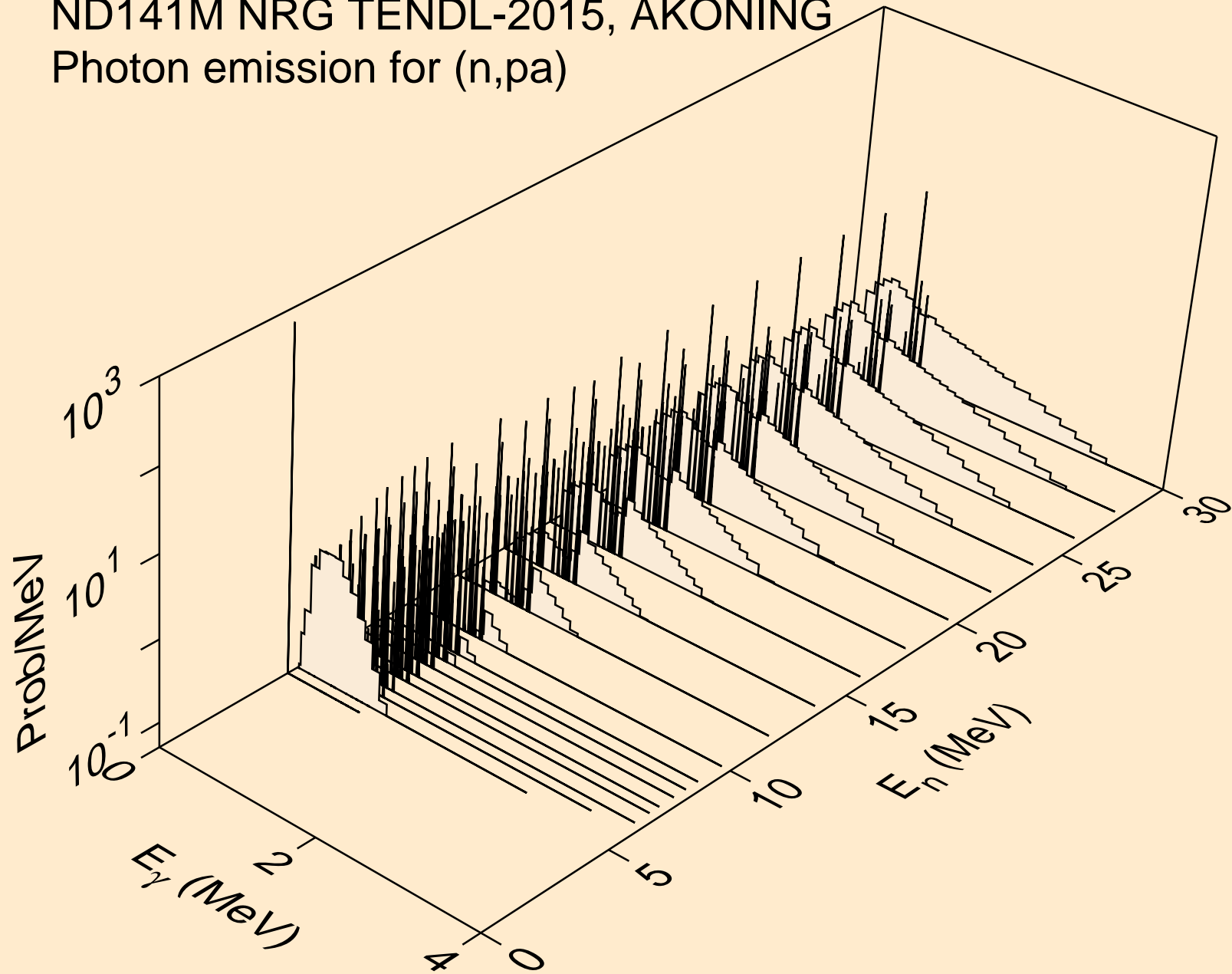
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Photon emission for (n,2a)



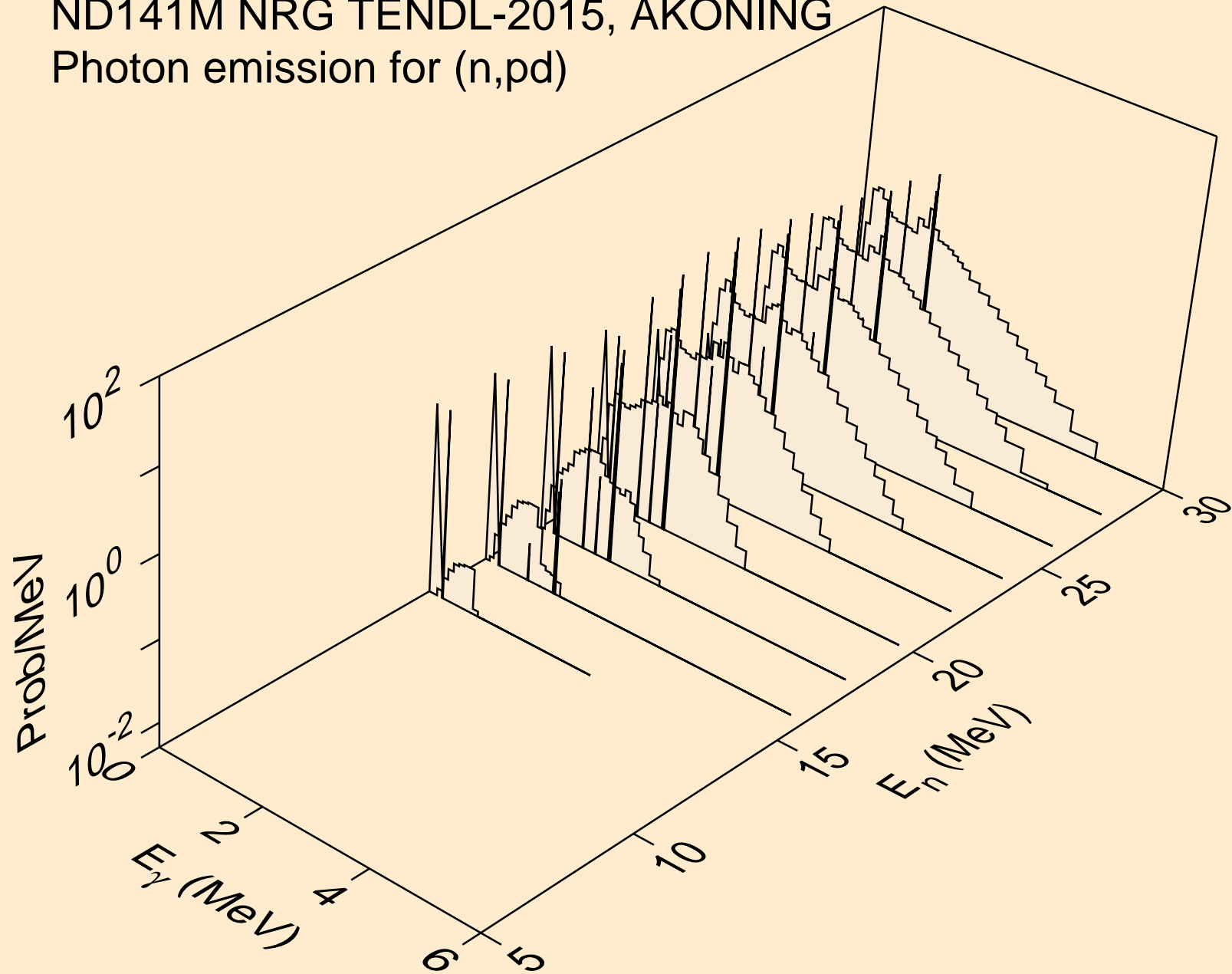
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Photon emission for (n,2p)



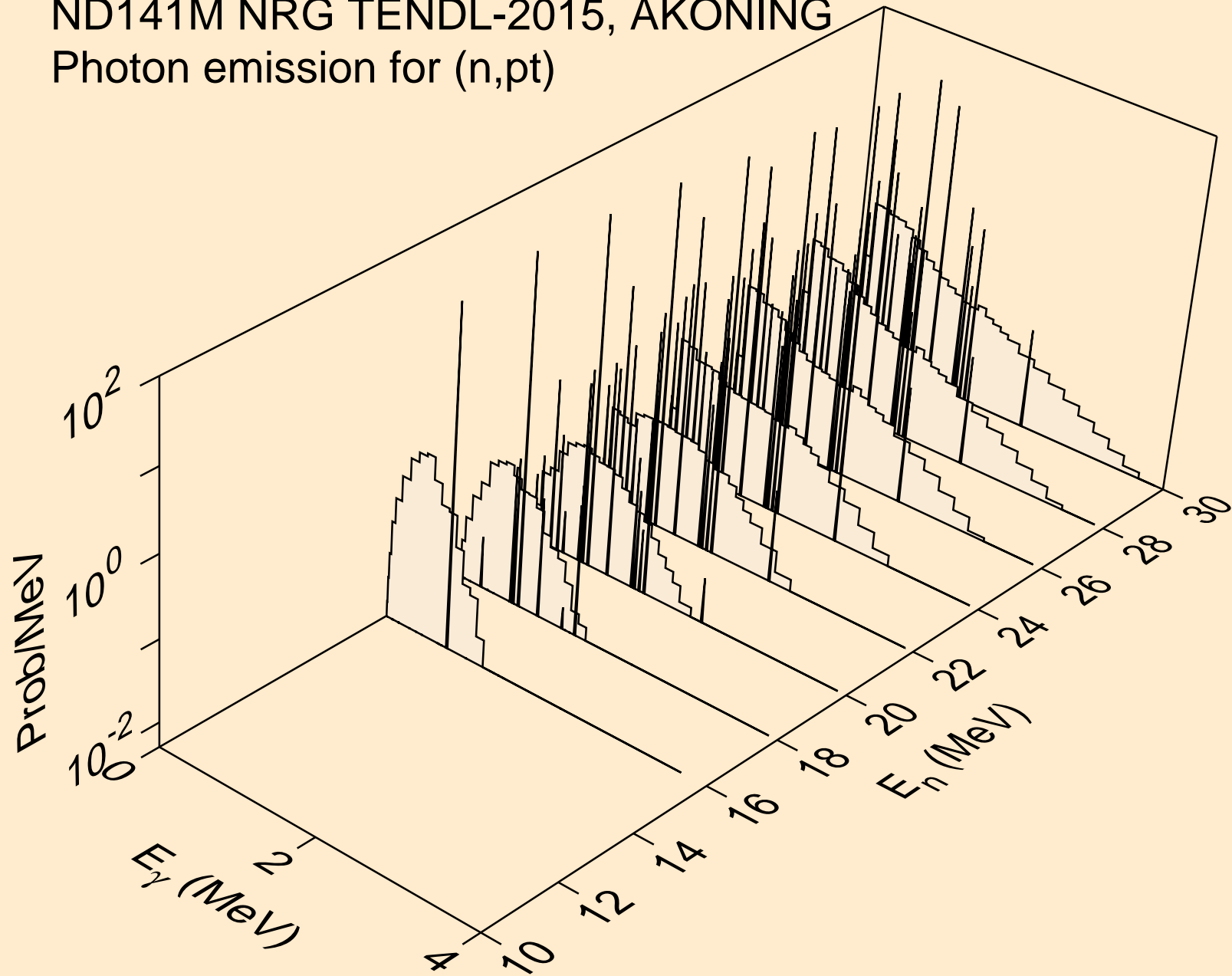
ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

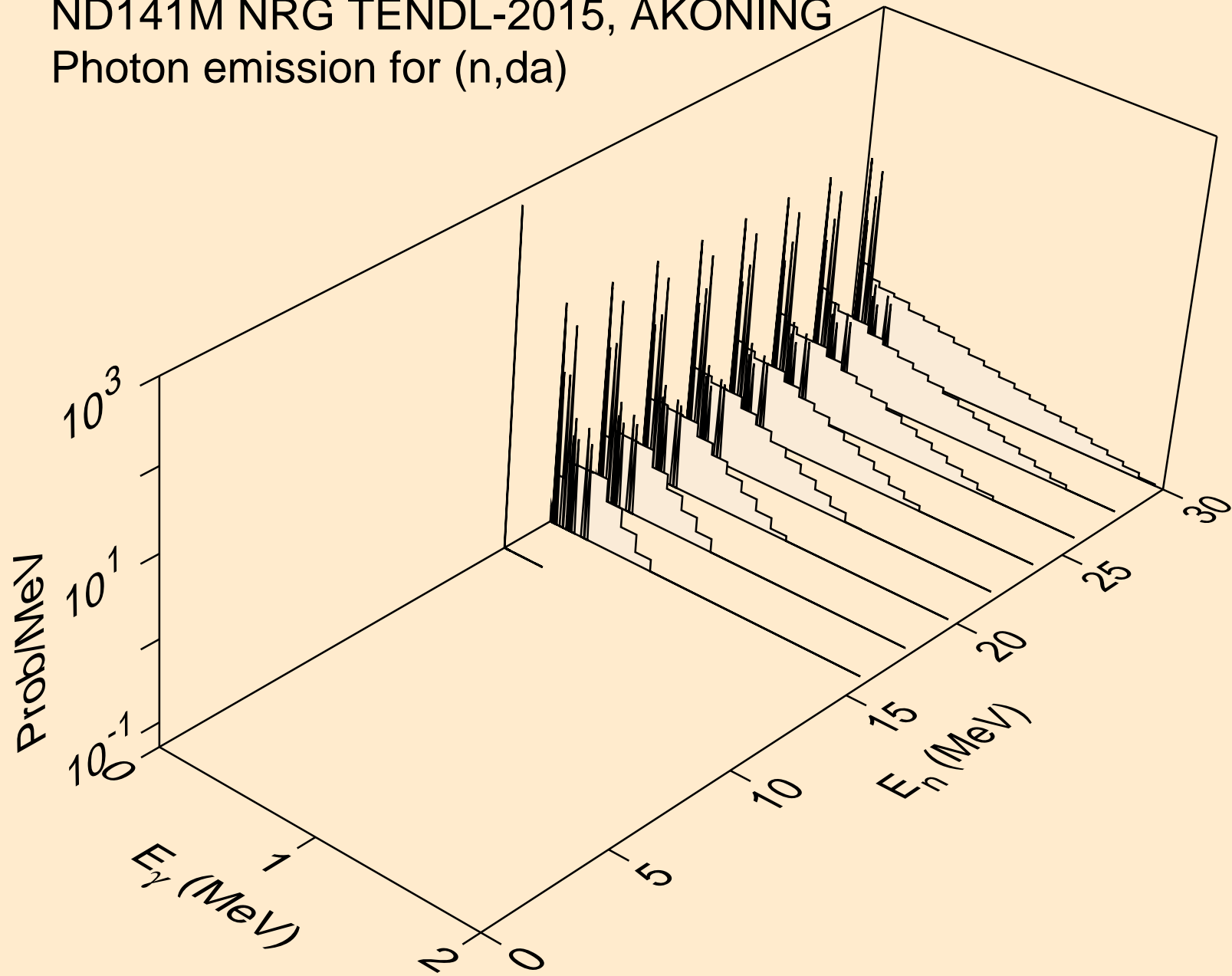


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Photon emission for (n,pt)

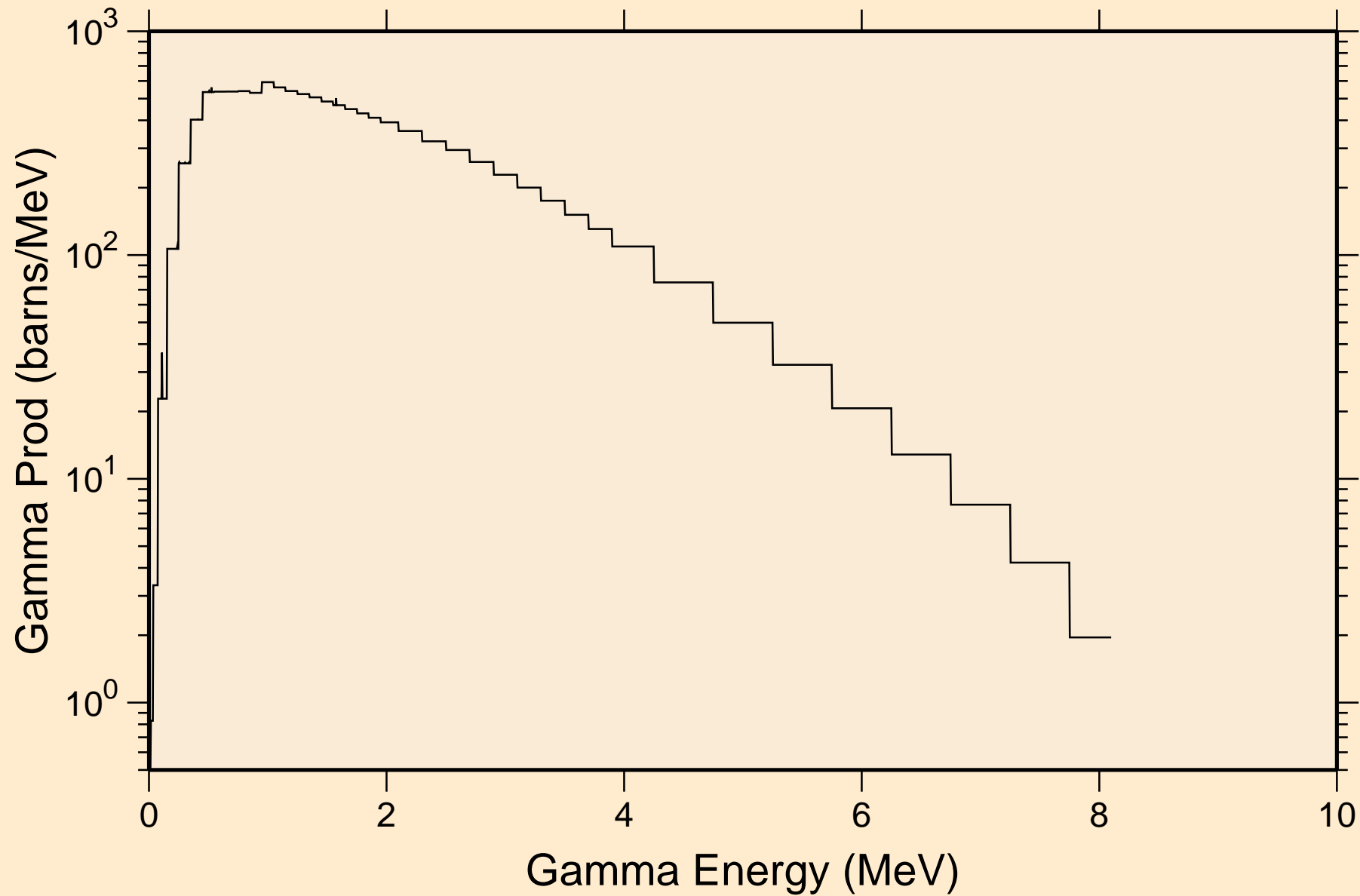




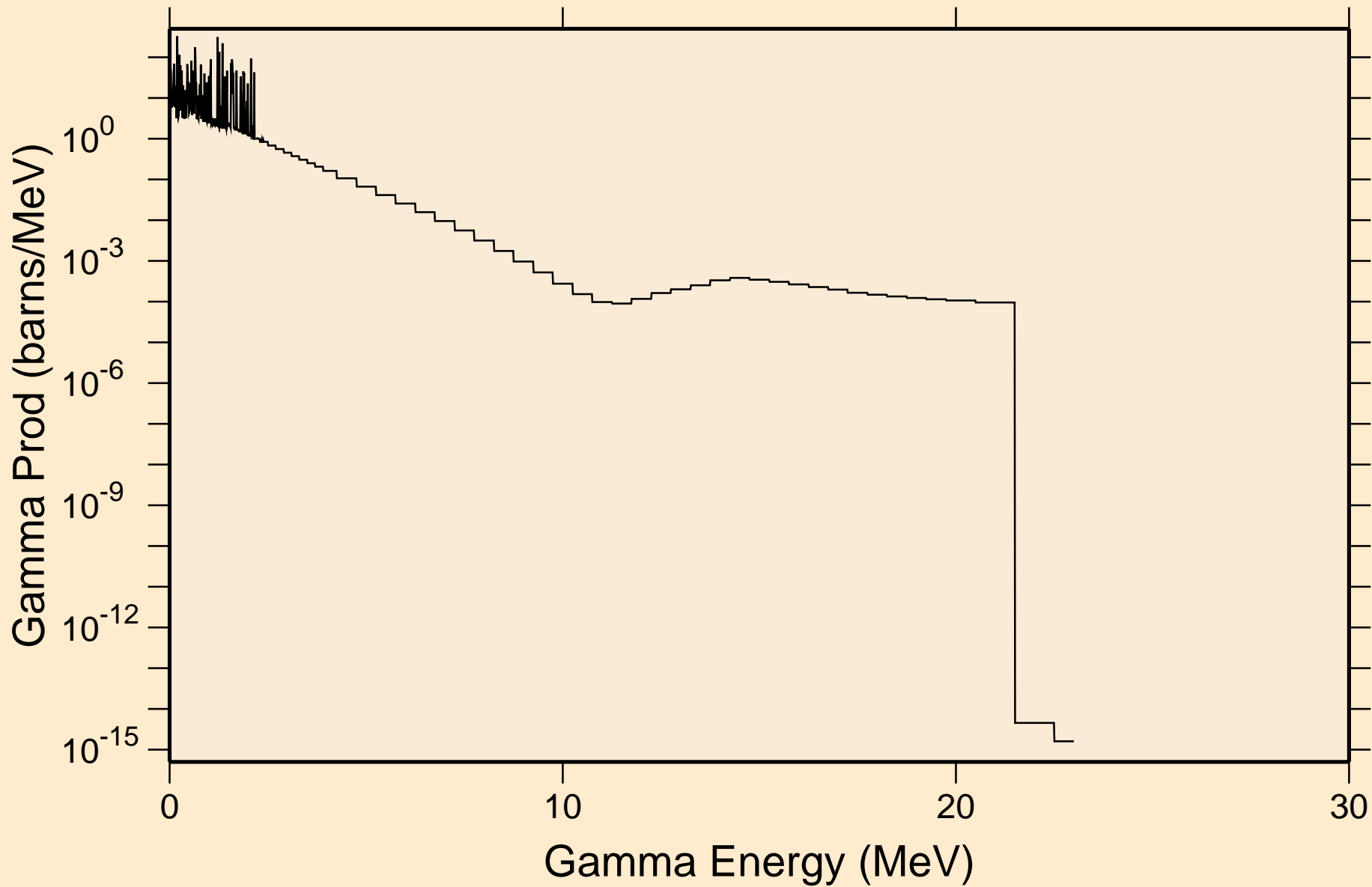
ND141M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



ND141M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

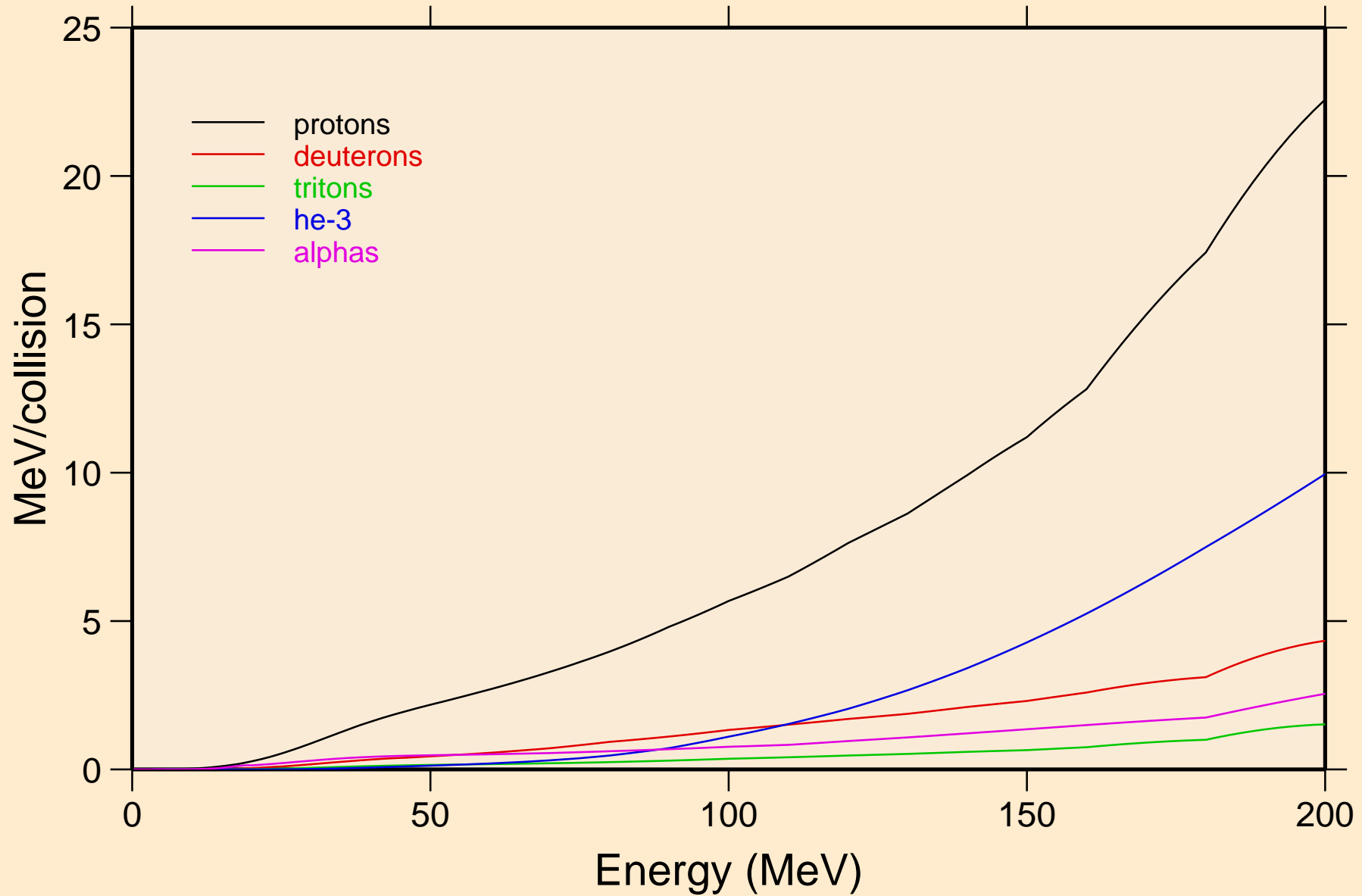


ND141M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



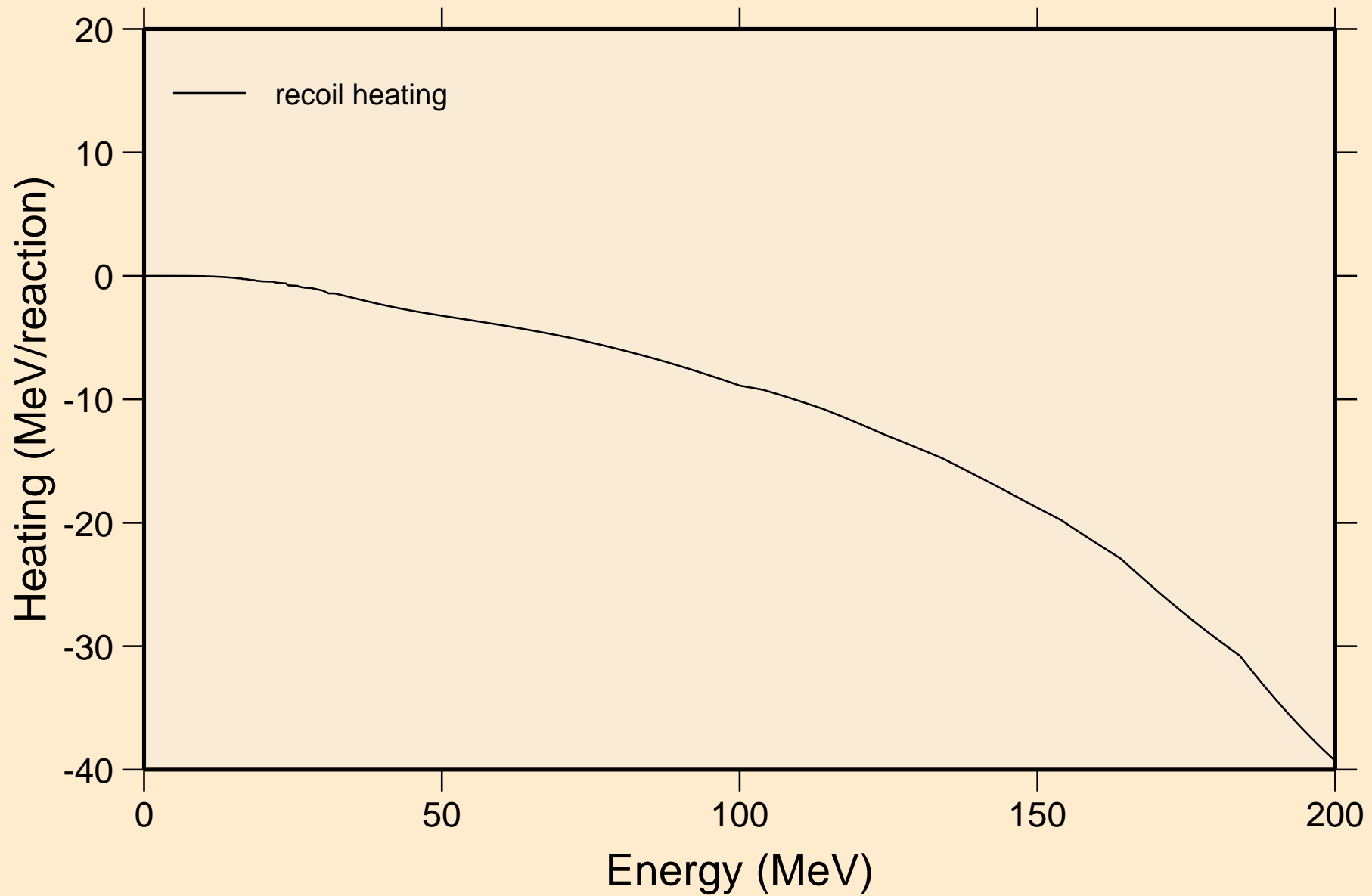
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## Particle heating contributions



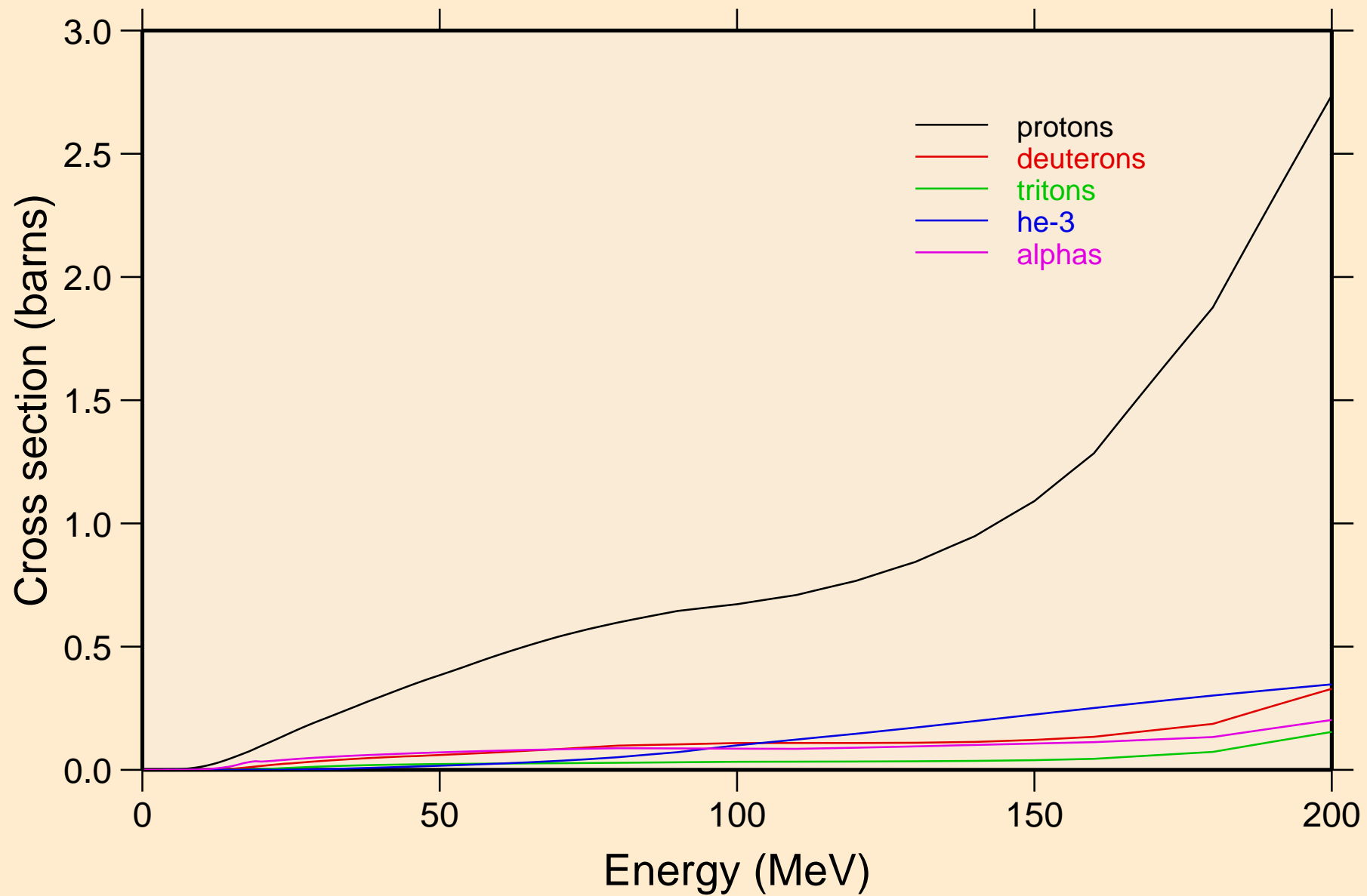
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## Recoil Heating

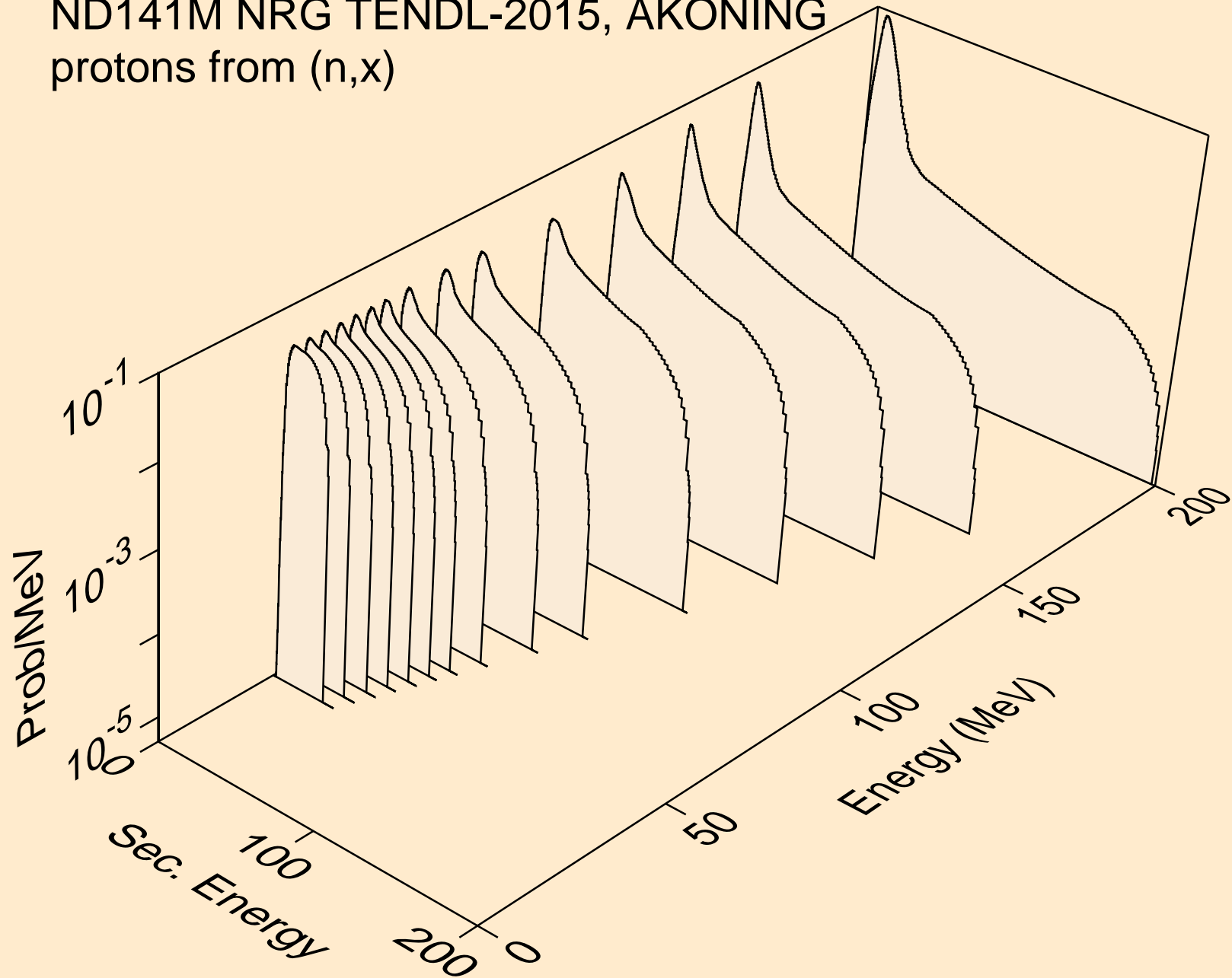


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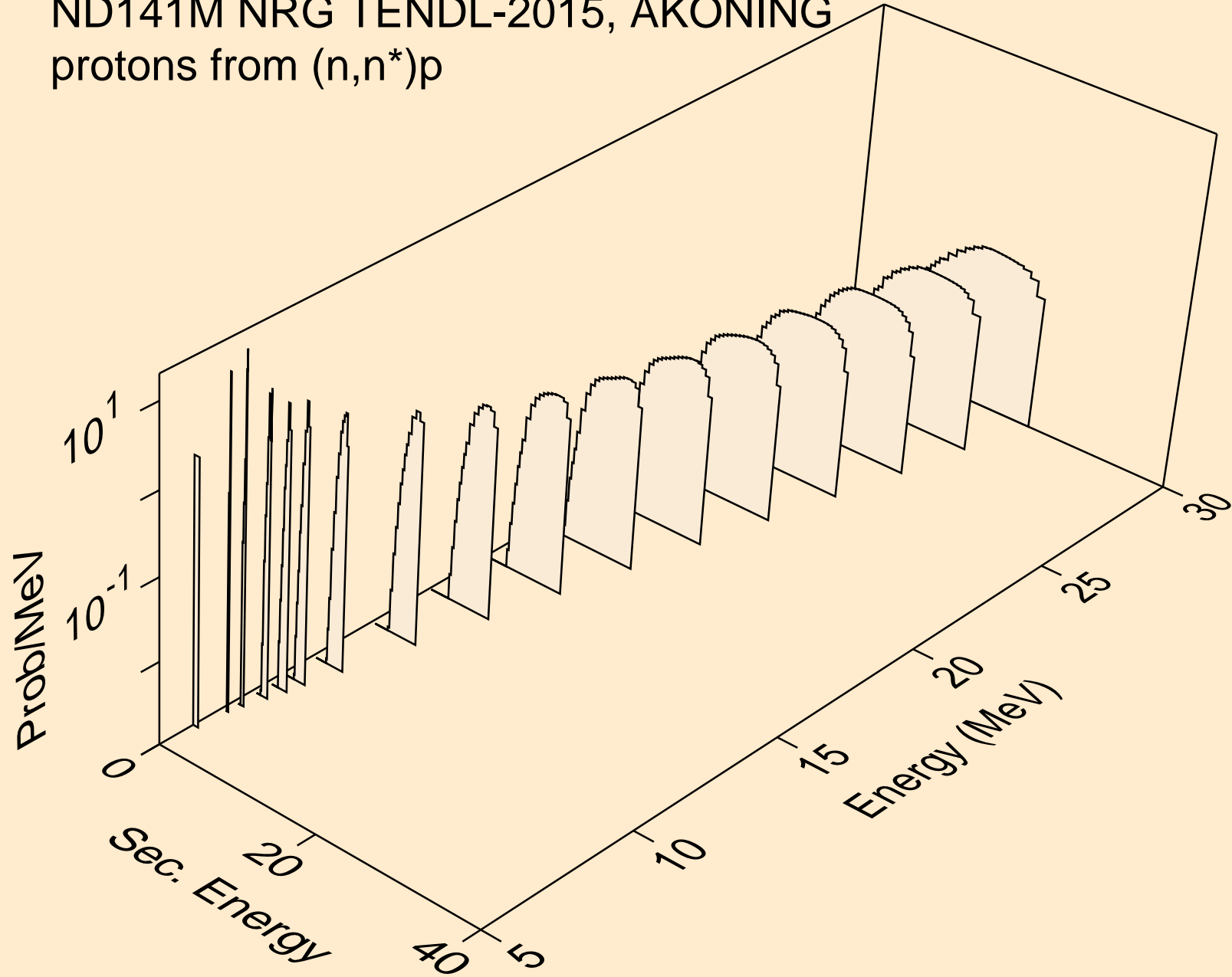
## Particle production cross sections



ND141M NRG TENDL-2015, AKONING  
protons from (n,x)

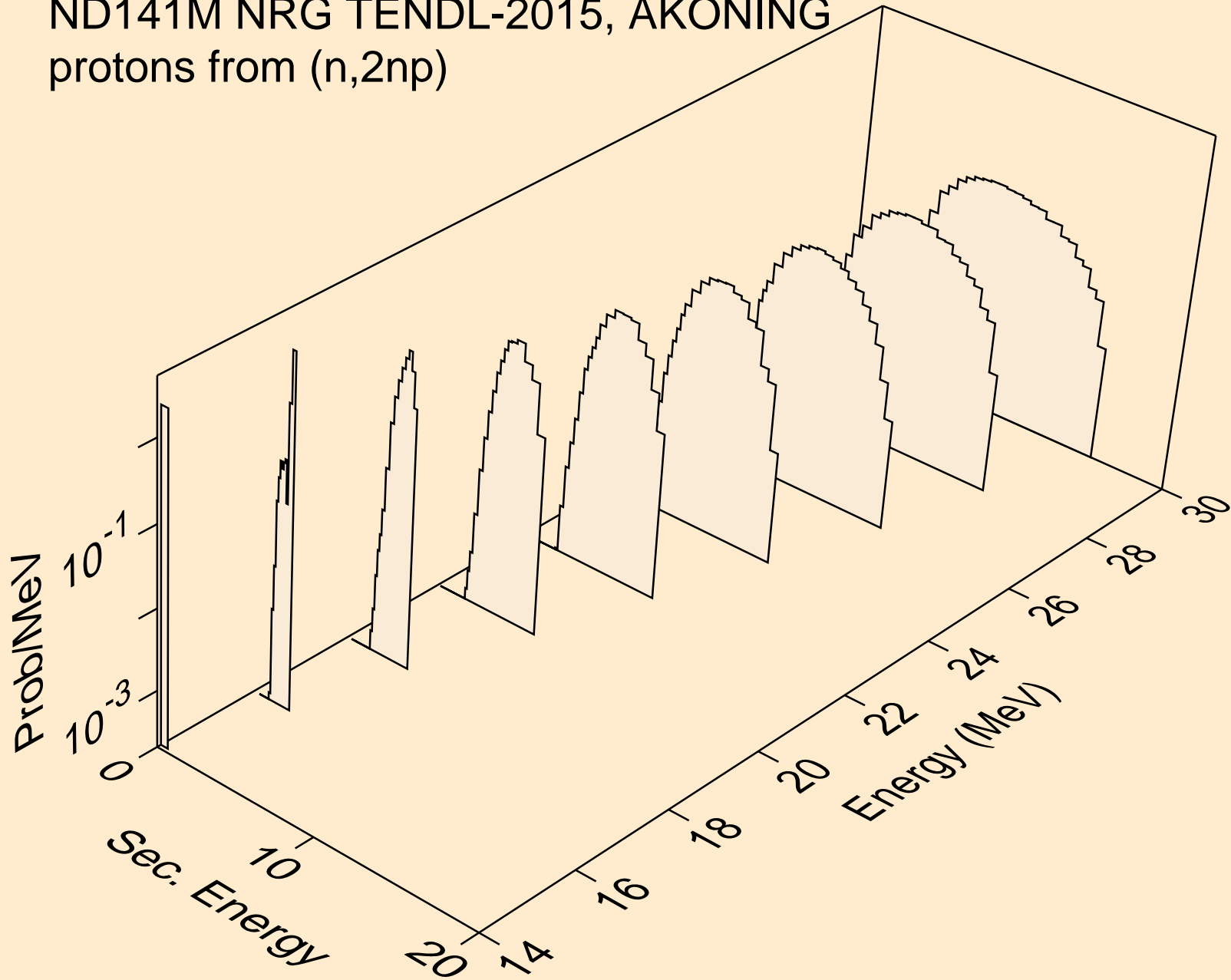


ND141M NRG TENDL-2015, AKONING  
protons from (n,n\*)p

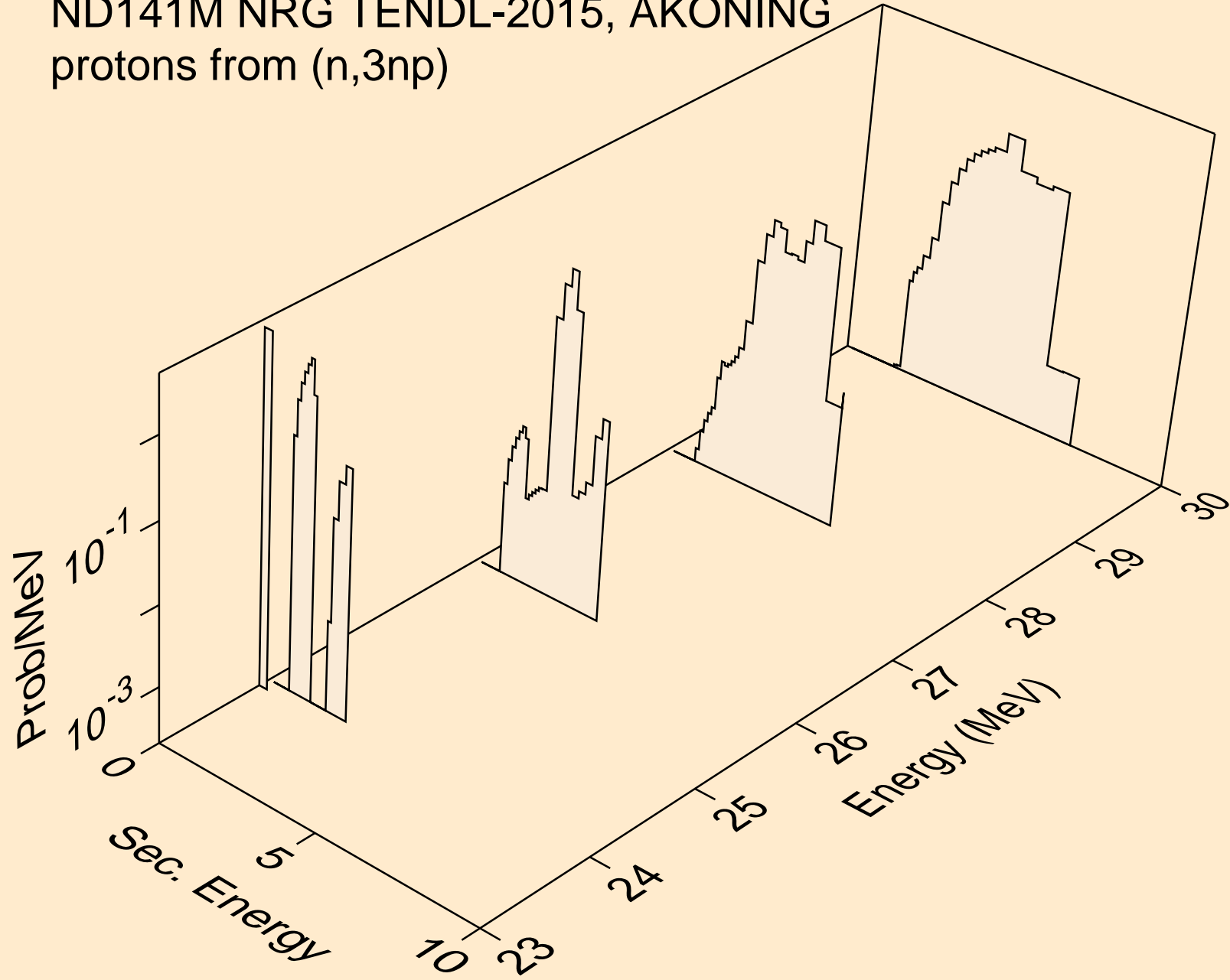




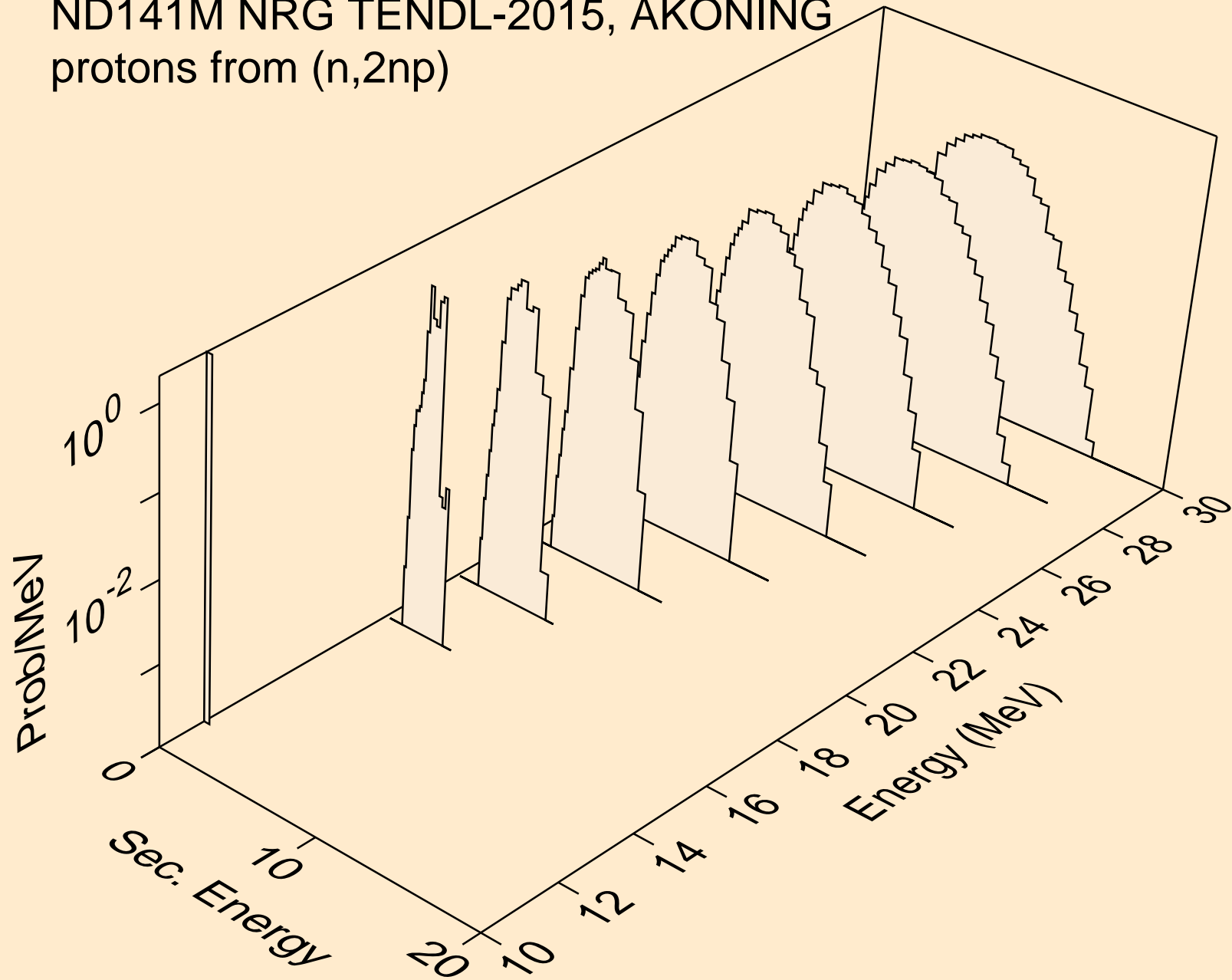
ND141M NRG TENDL-2015, AKONING  
protons from (n,2np)



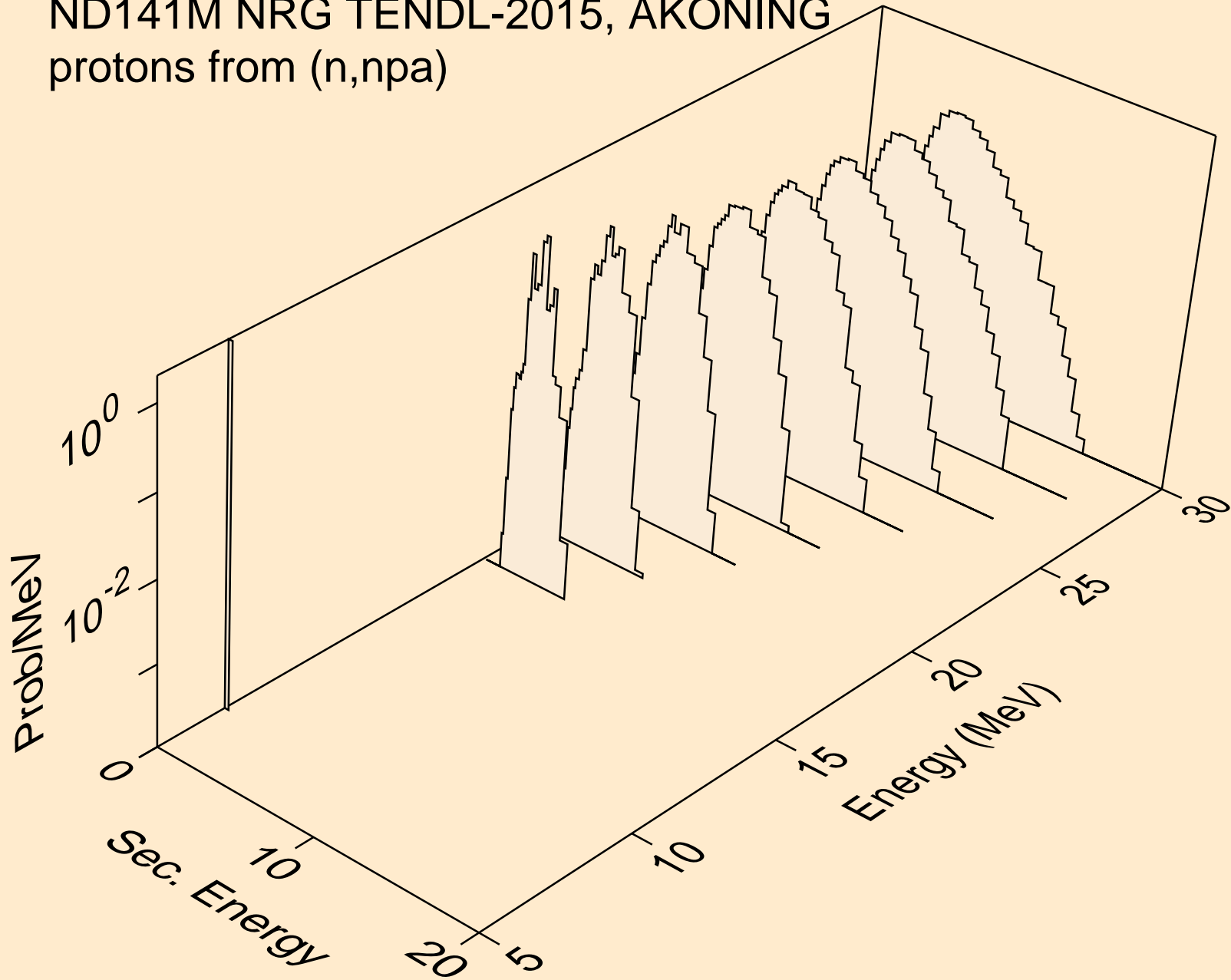
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protons from (n,3np)



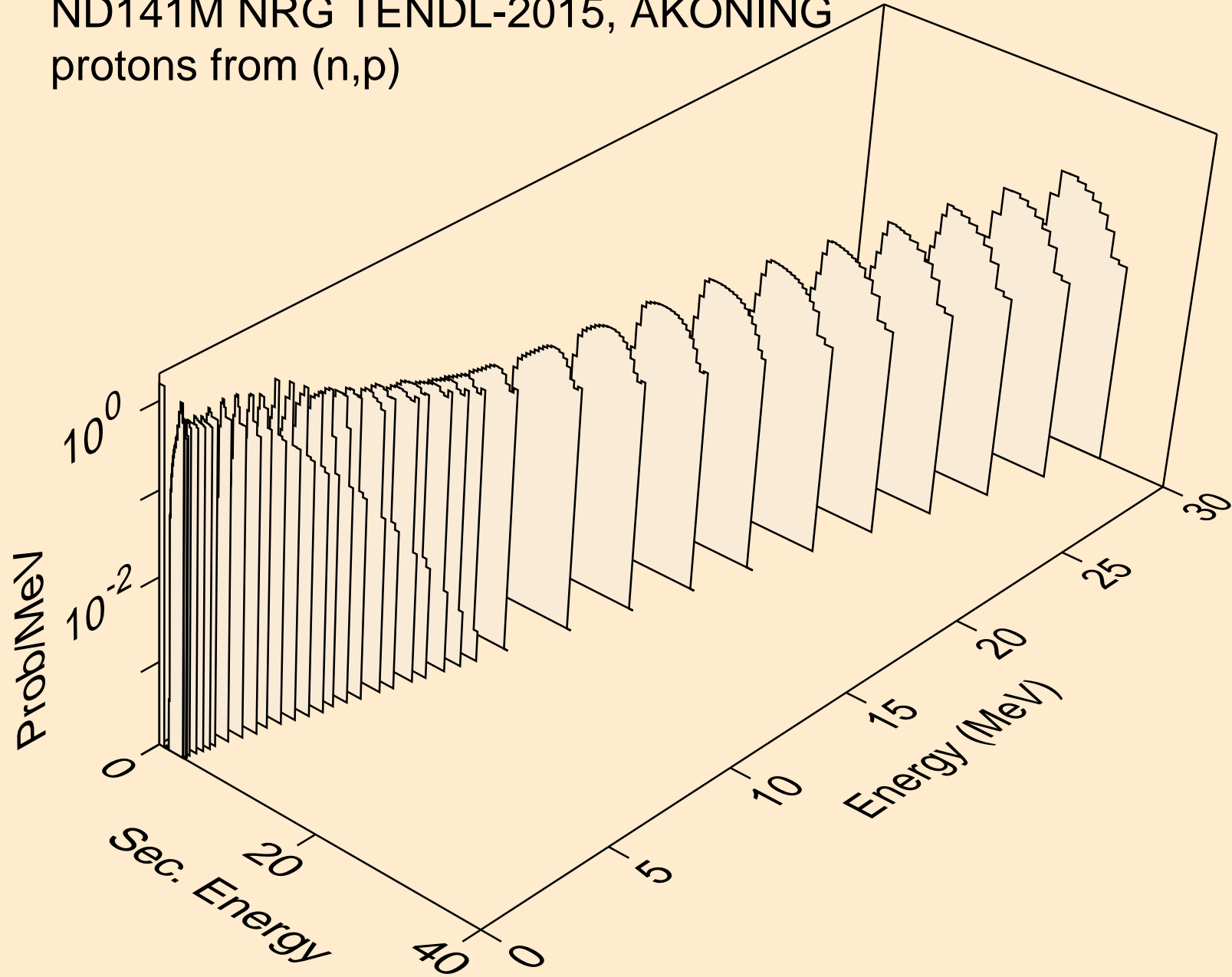
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protons from (n,2np)



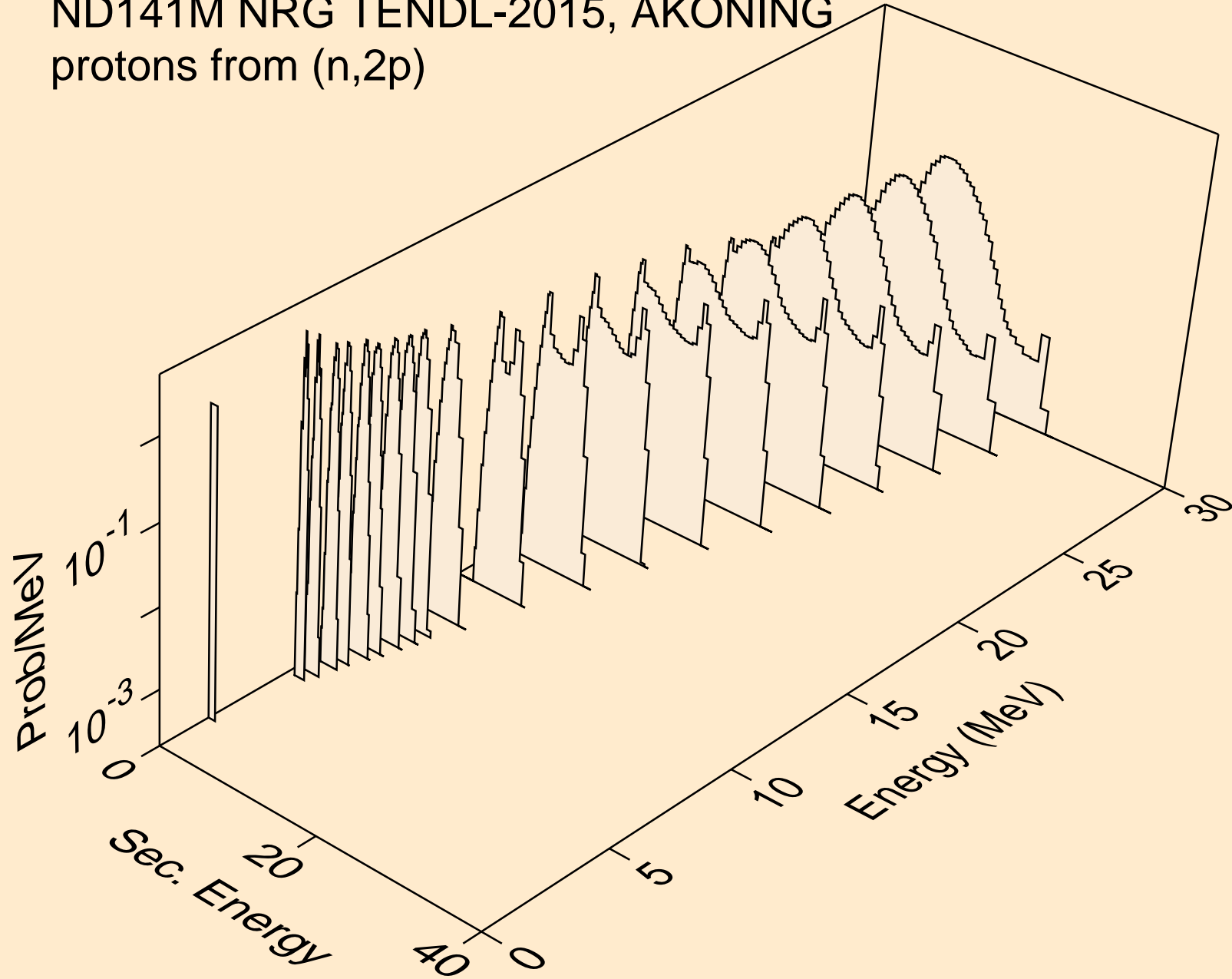
ND141M NRG TENDL-2015, AKONING  
protons from (n,npa)



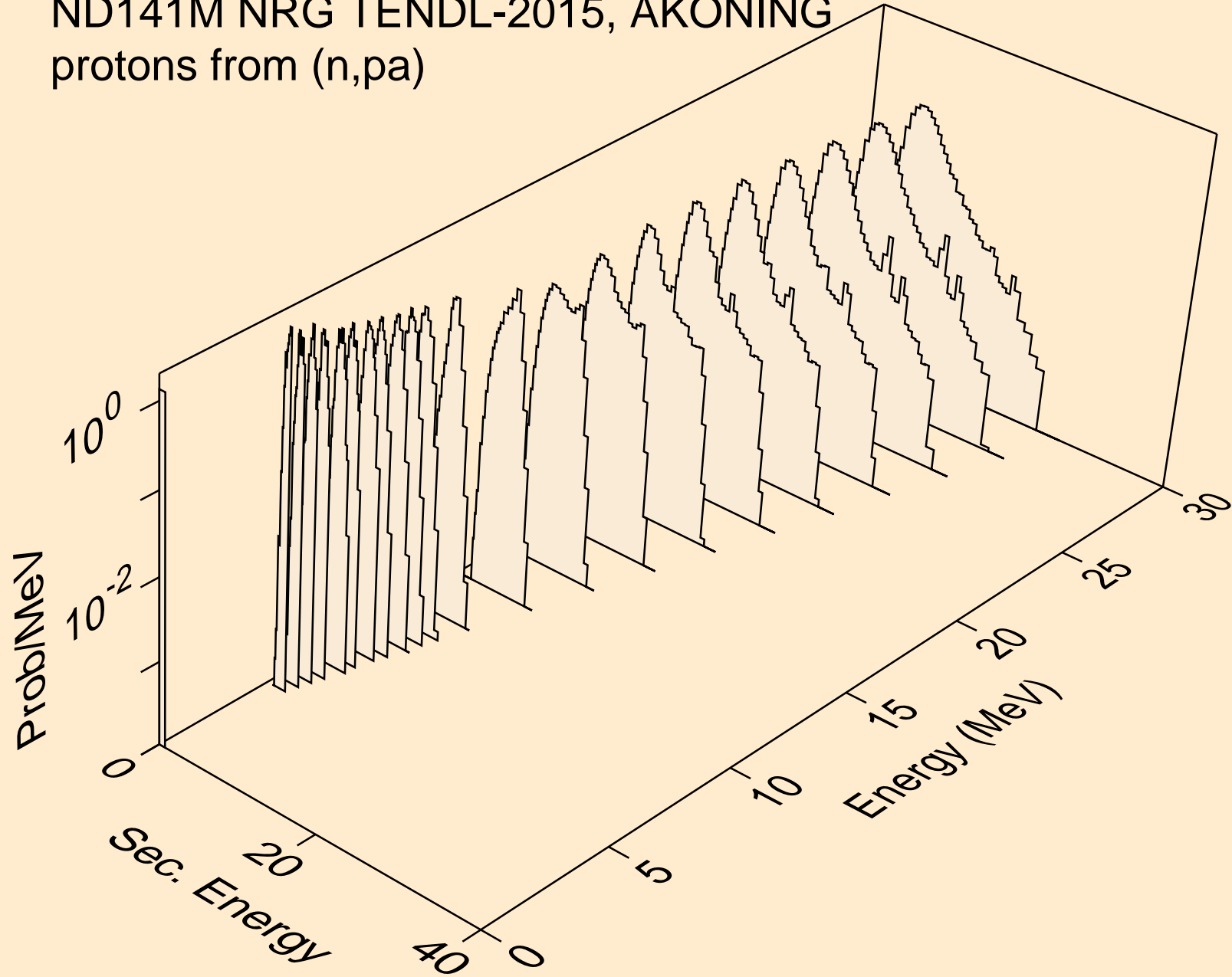
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protons from (n,p)



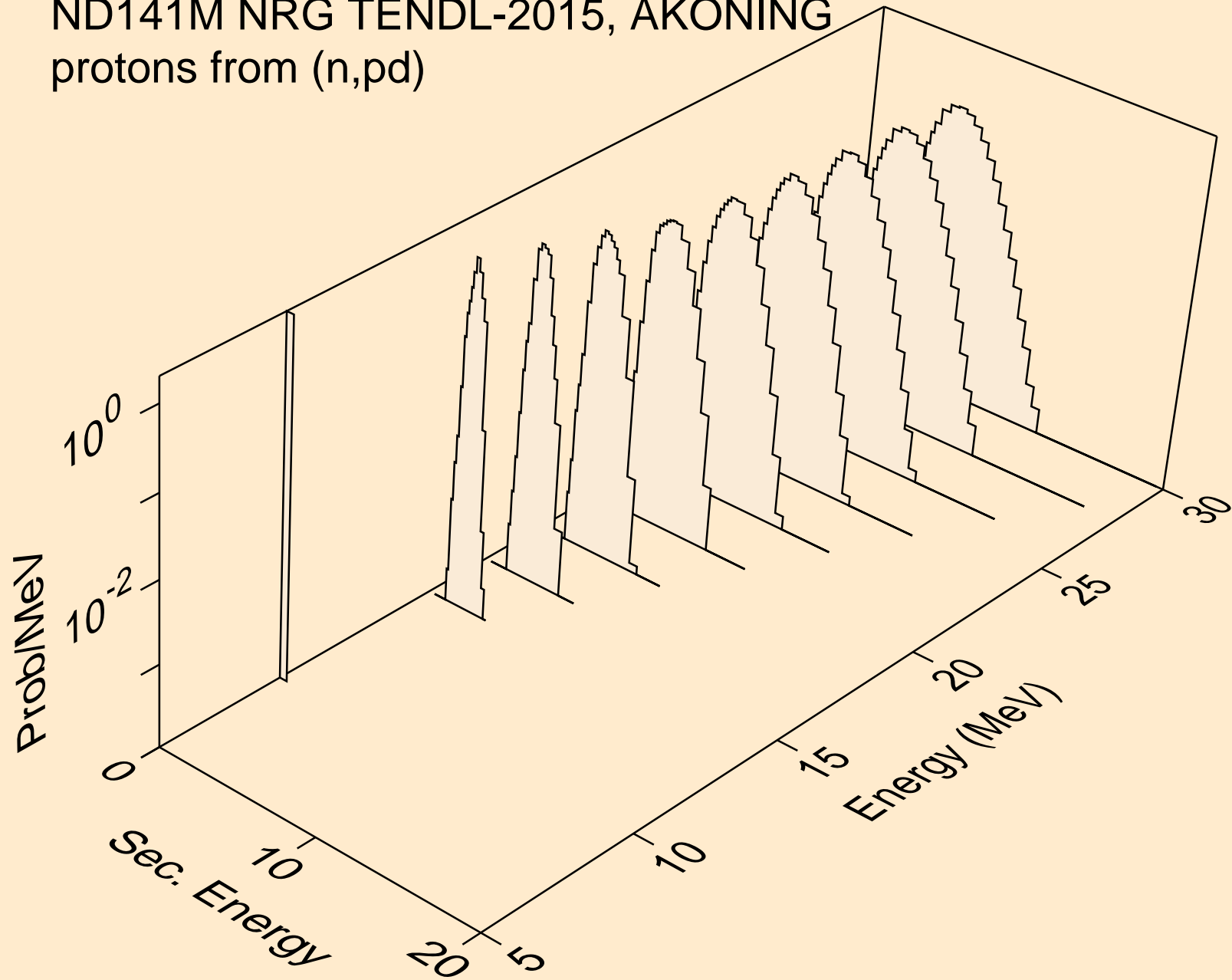
ND141M NRG TENDL-2015, AKONING  
protons from (n,2p)



ND141M NRG TENDL-2015, AKONING  
protons from (n,pa)

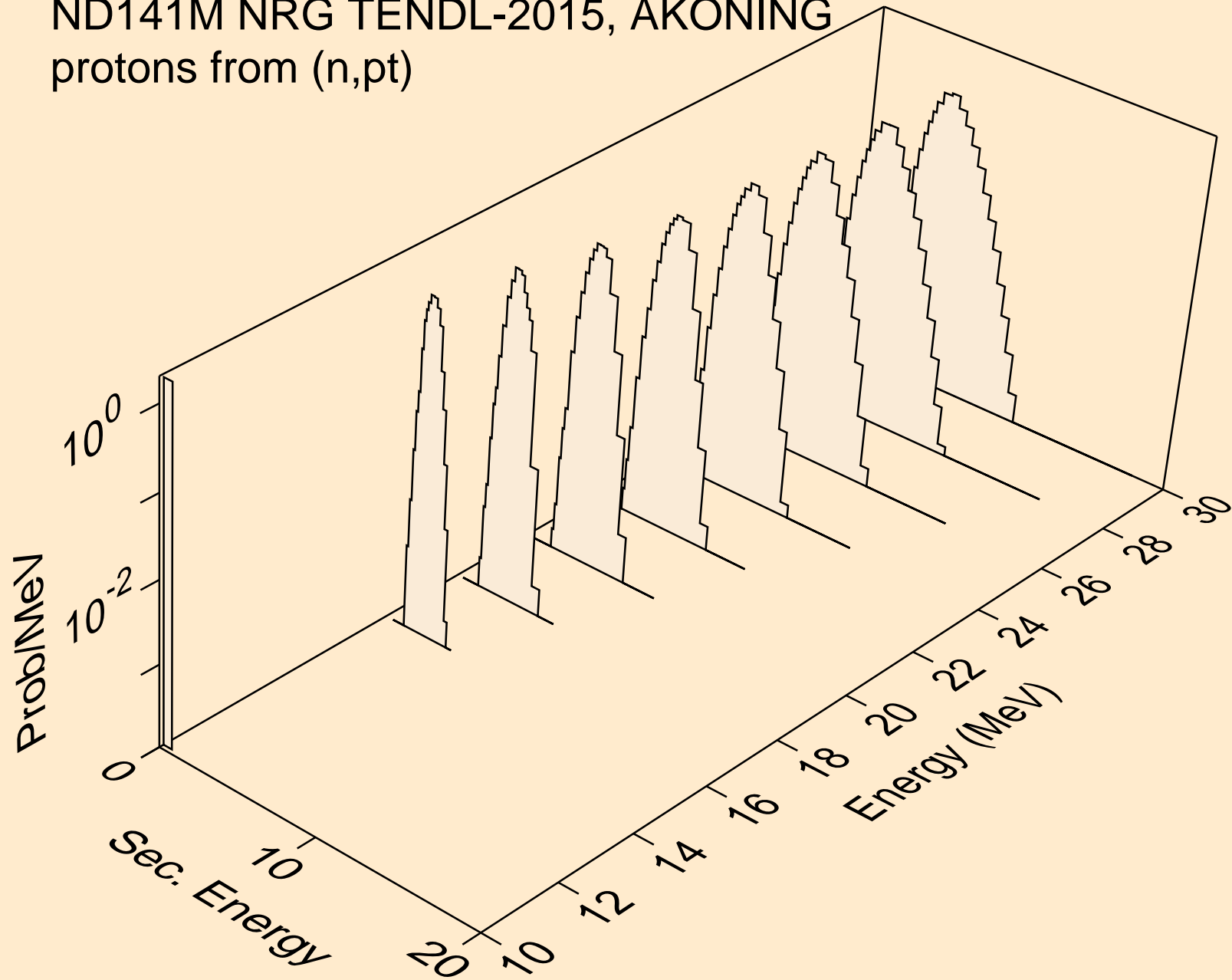


ND141M NRG TENDL-2015, AKONING  
protons from (n,pd)

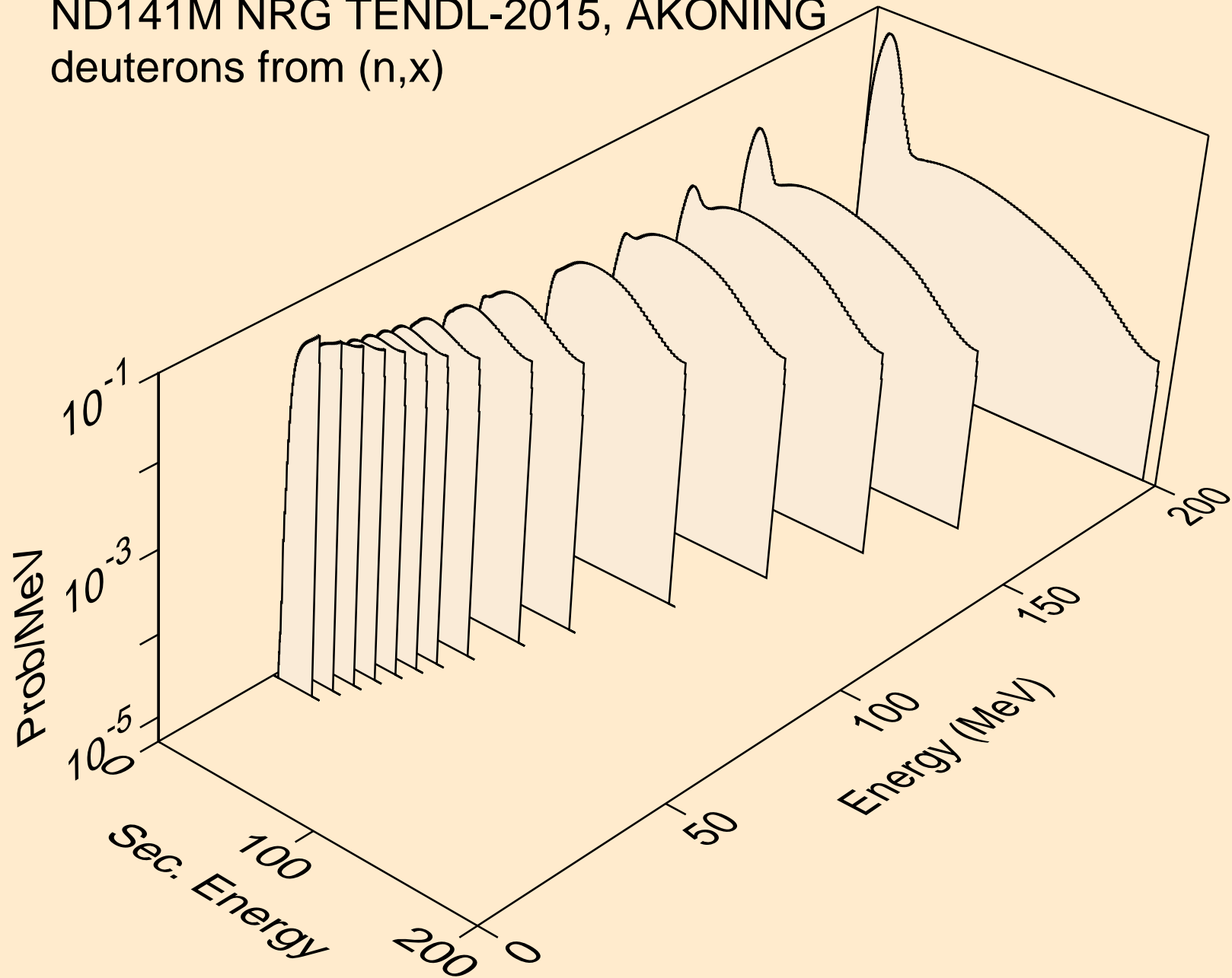




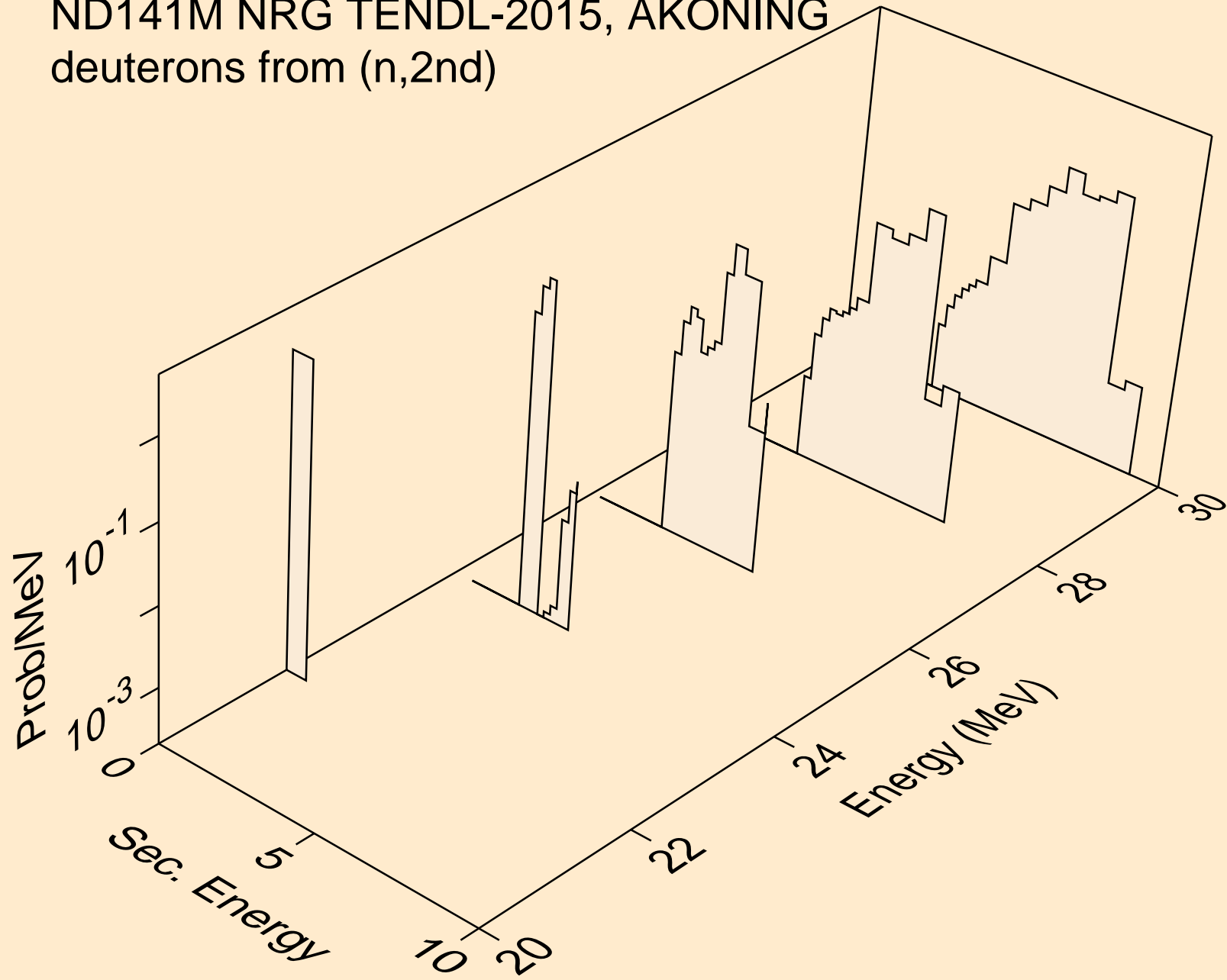
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protons from (n,pt)



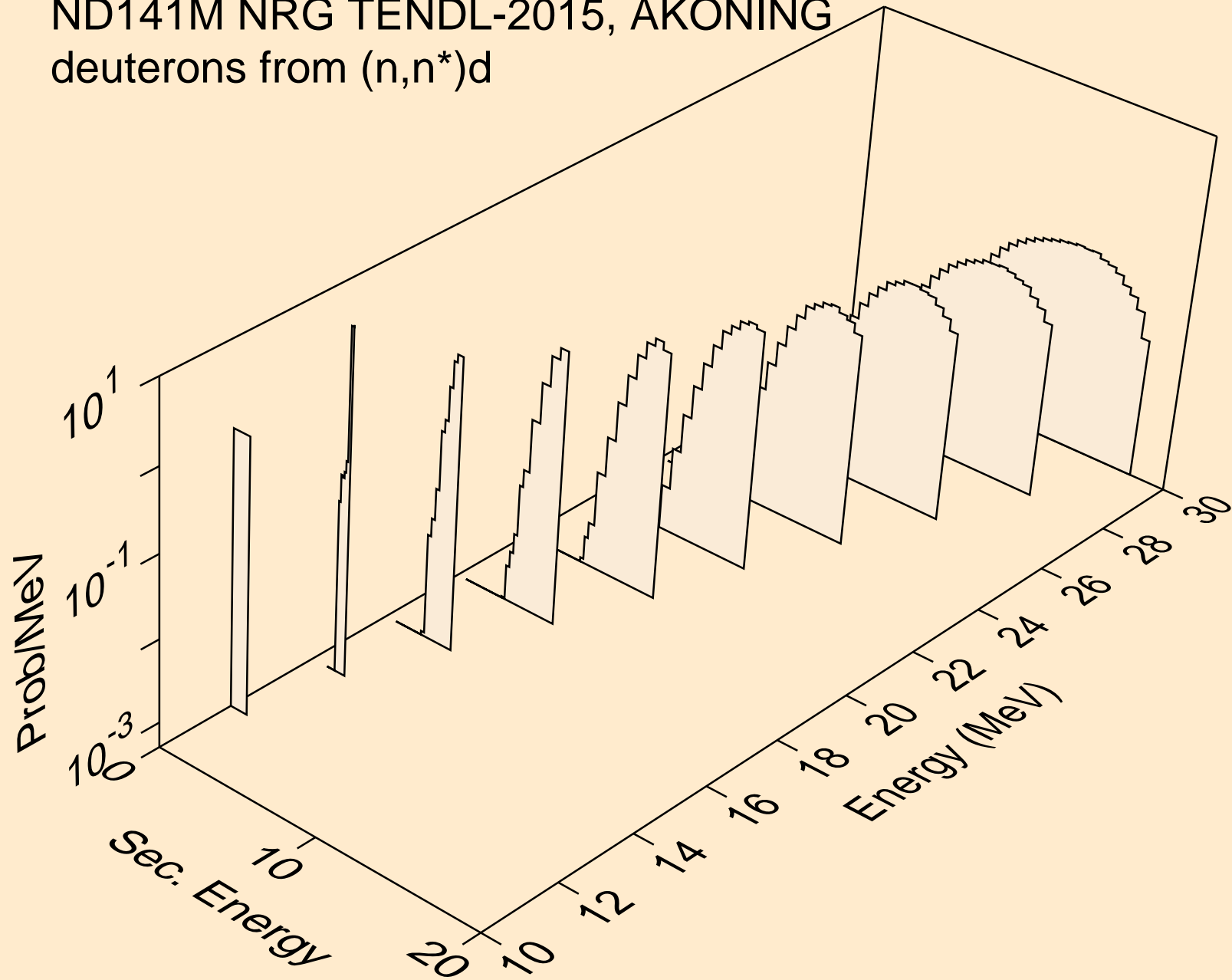
ND141M NRG TENDL-2015, AKONING  
deuterons from (n,x)



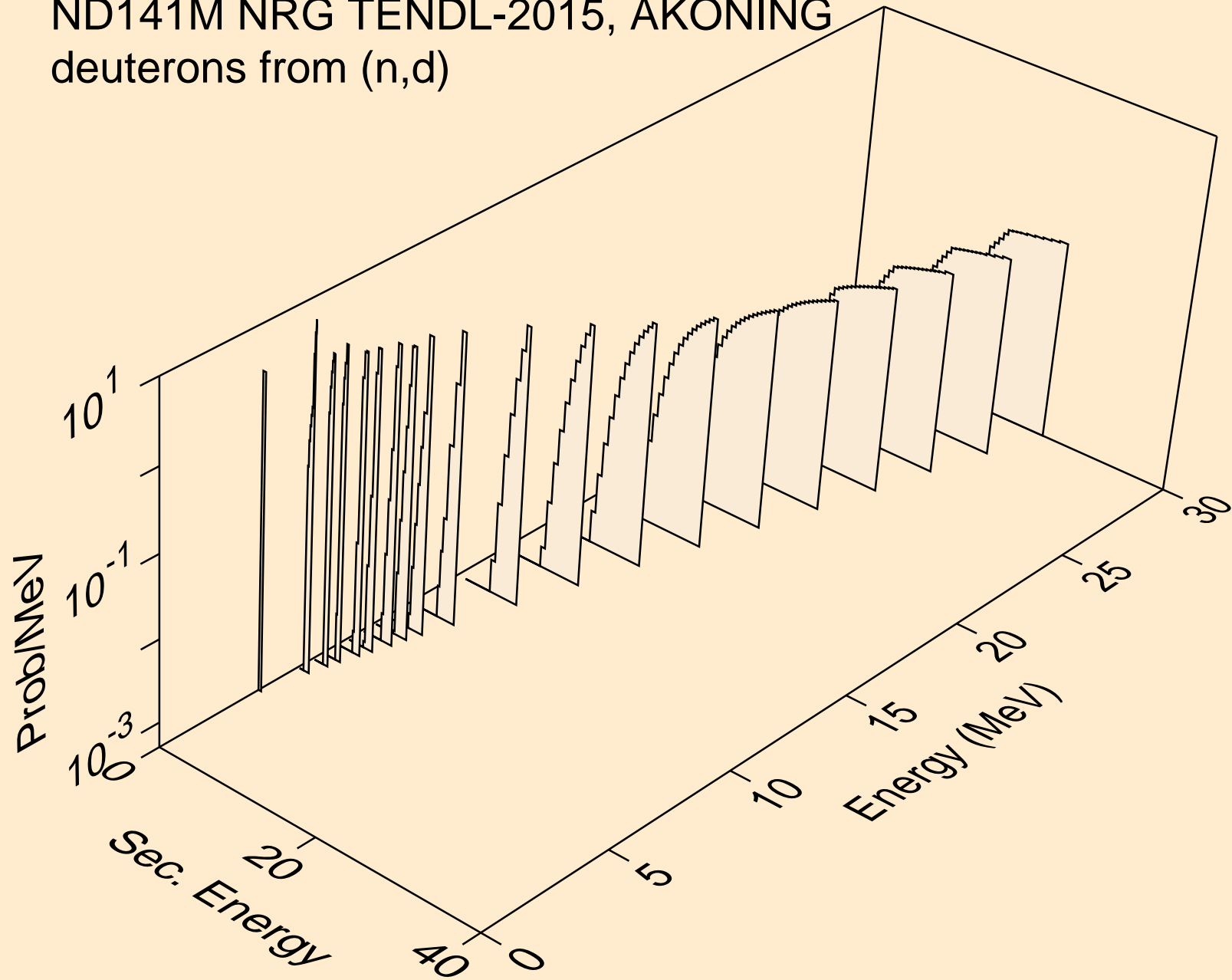
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deuterons from (n,2nd)



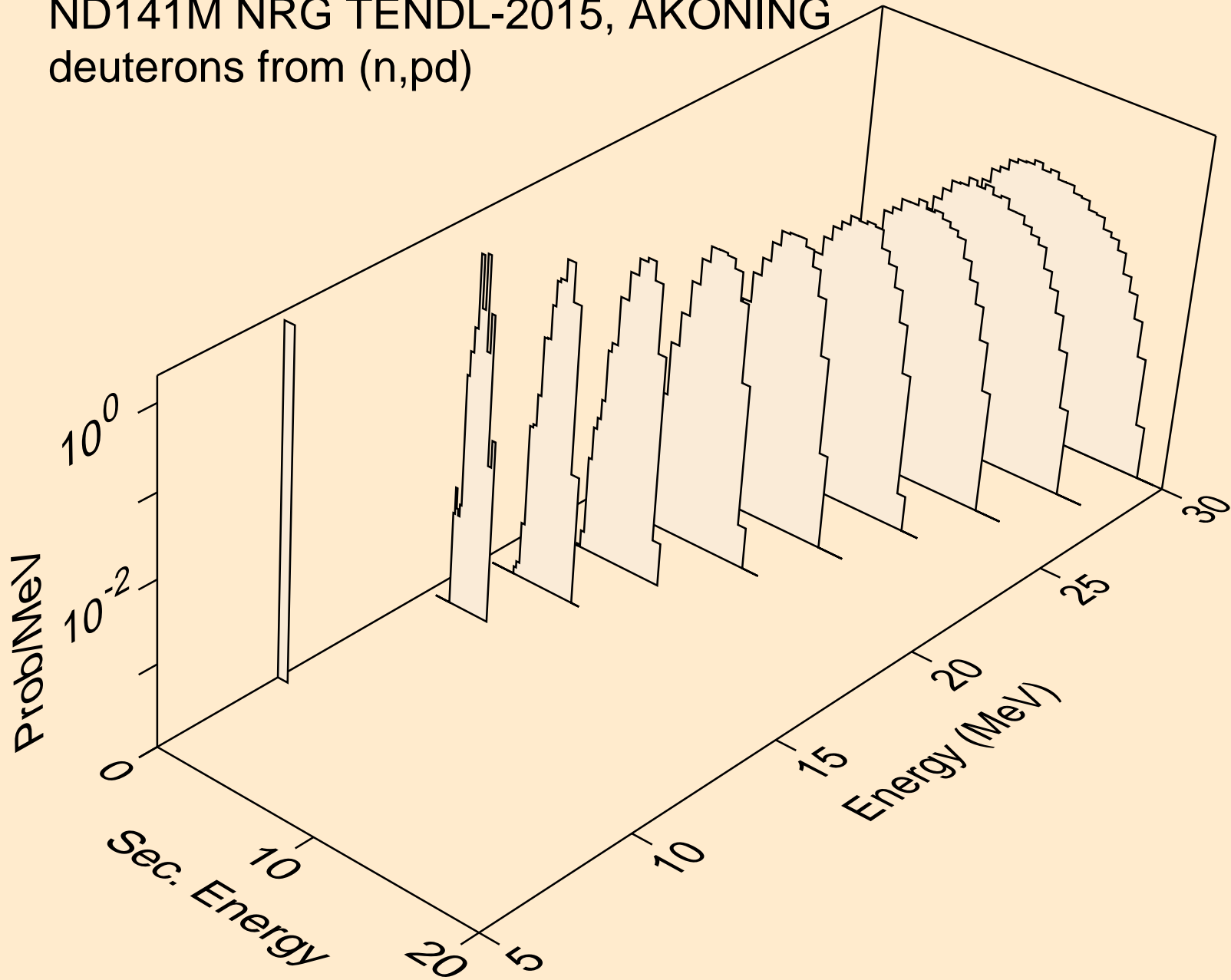
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deuterons from (n,n\*)d



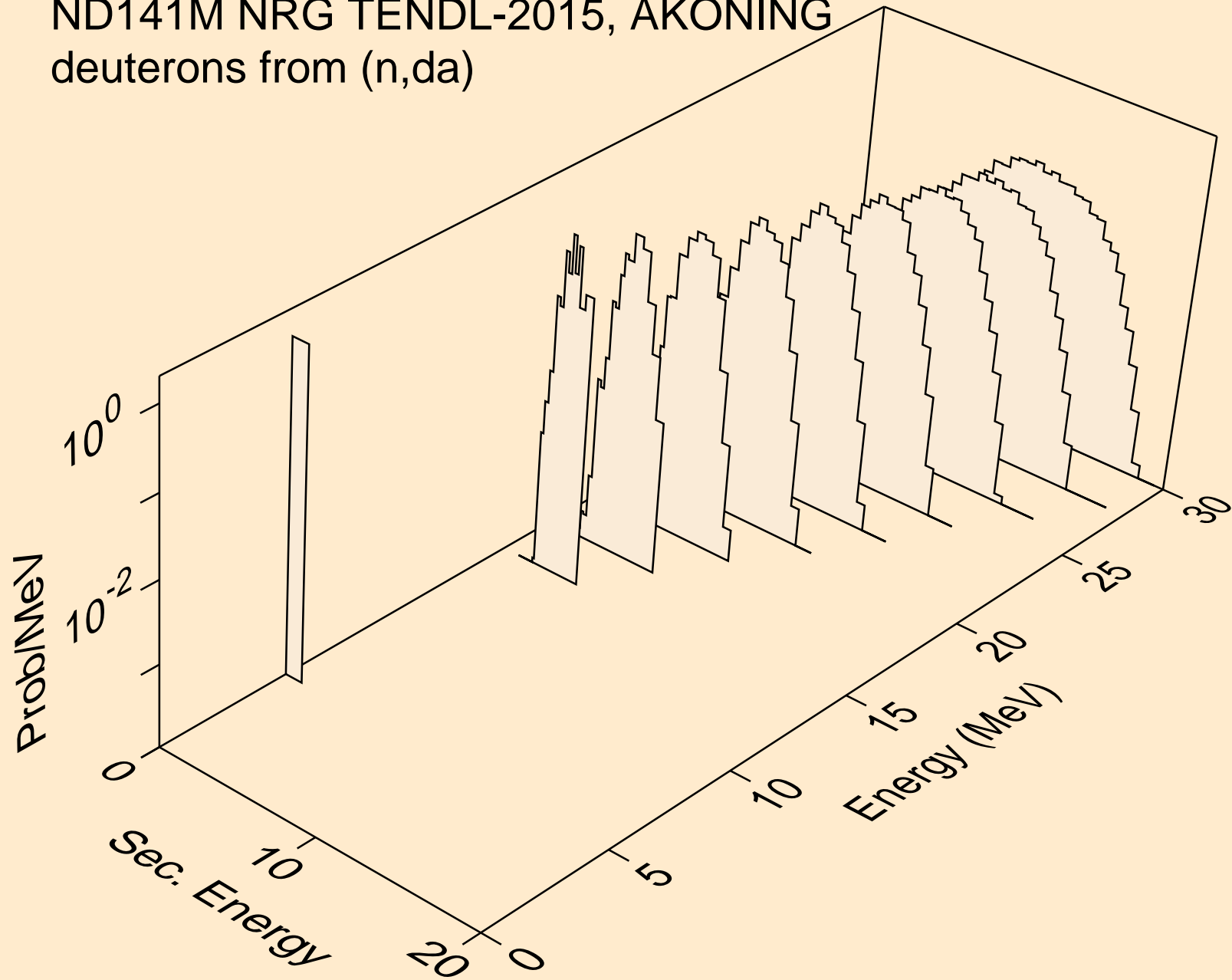
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deuterons from (n,d)



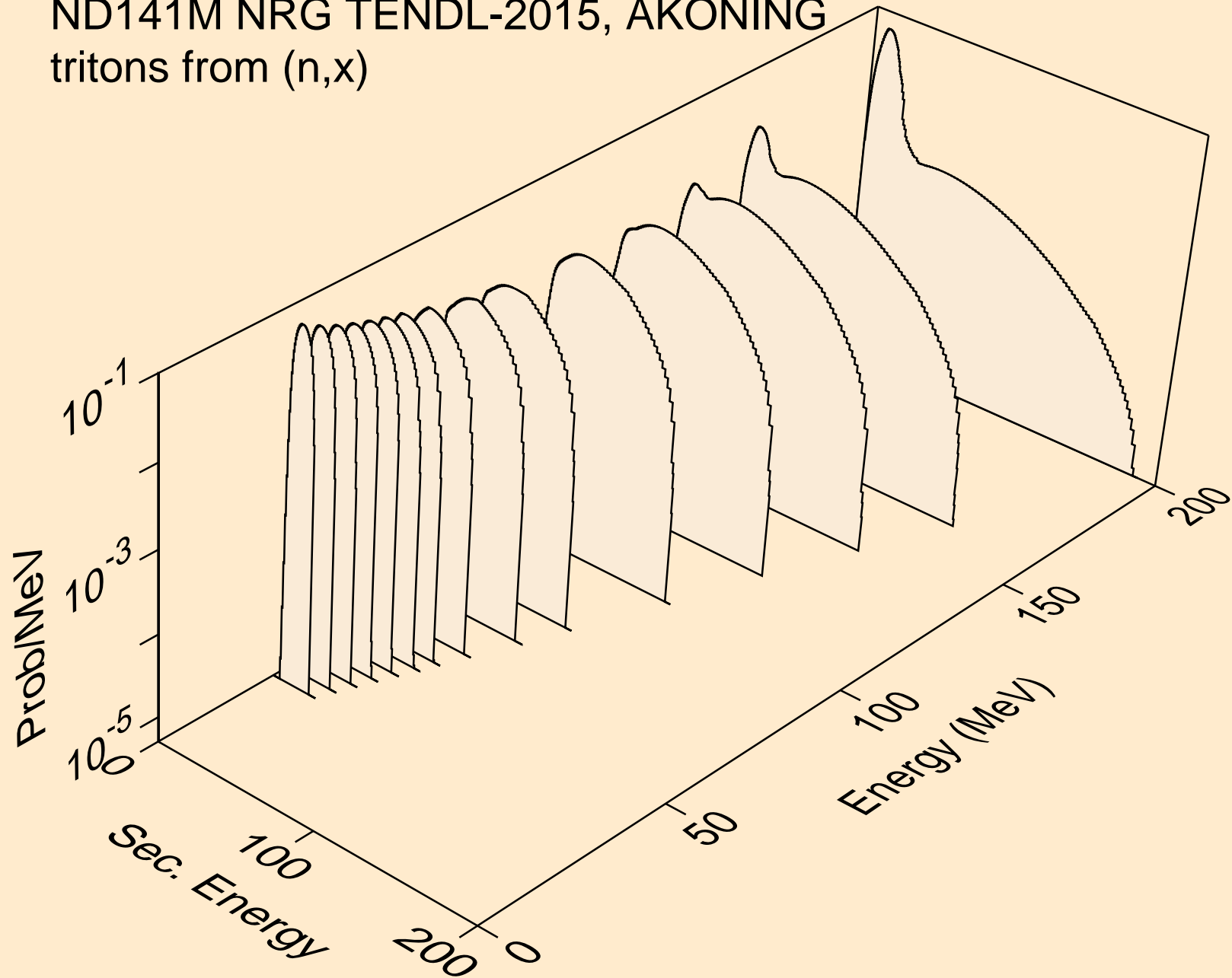
ND141M NRG TENDL-2015, AKONING  
deuterons from (n,pd)



ND141M NRG TENDL-2015, AKONING  
deuterons from (n,da)

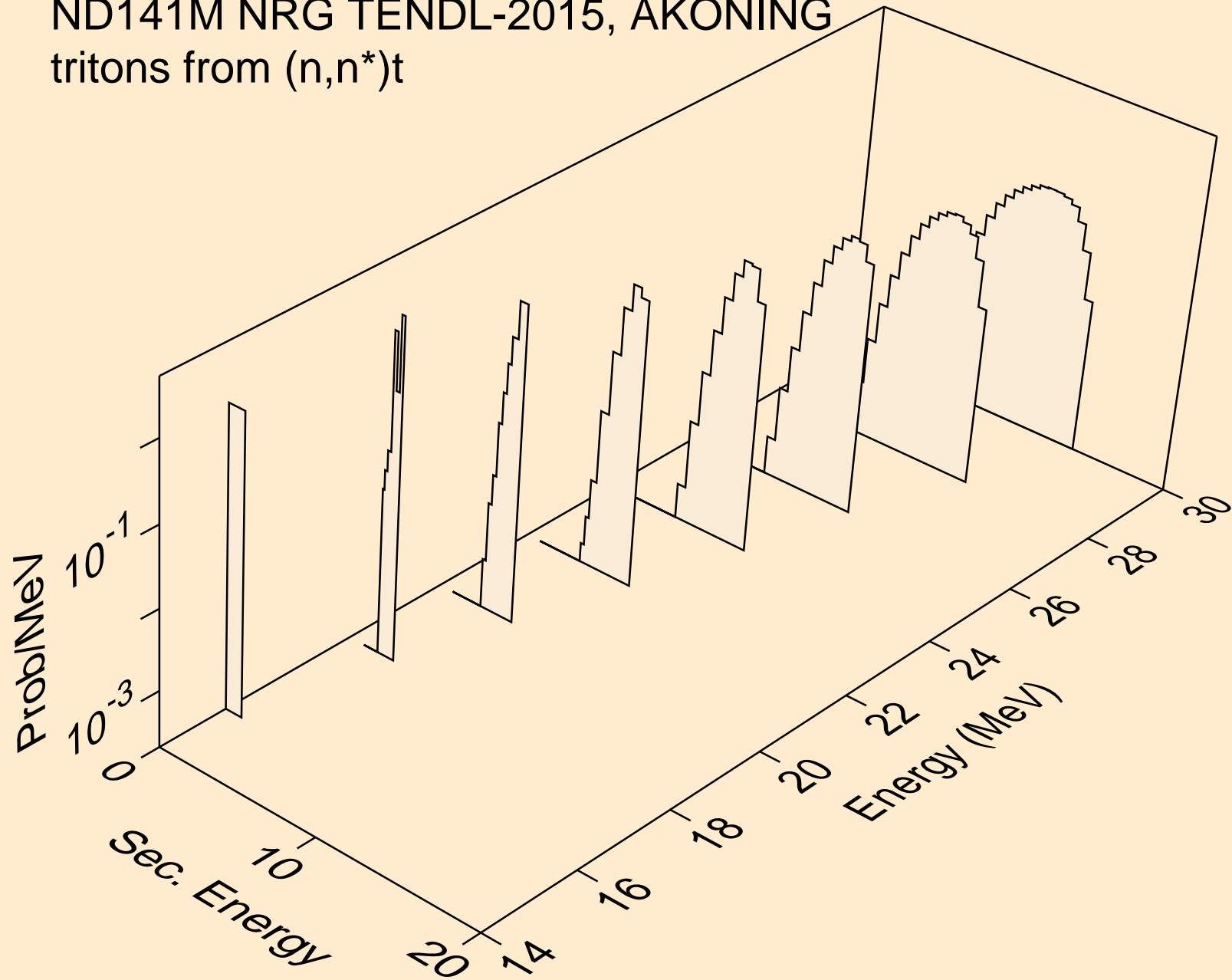


ND141M NRG TENDL-2015, AKONING  
tritons from (n,x)

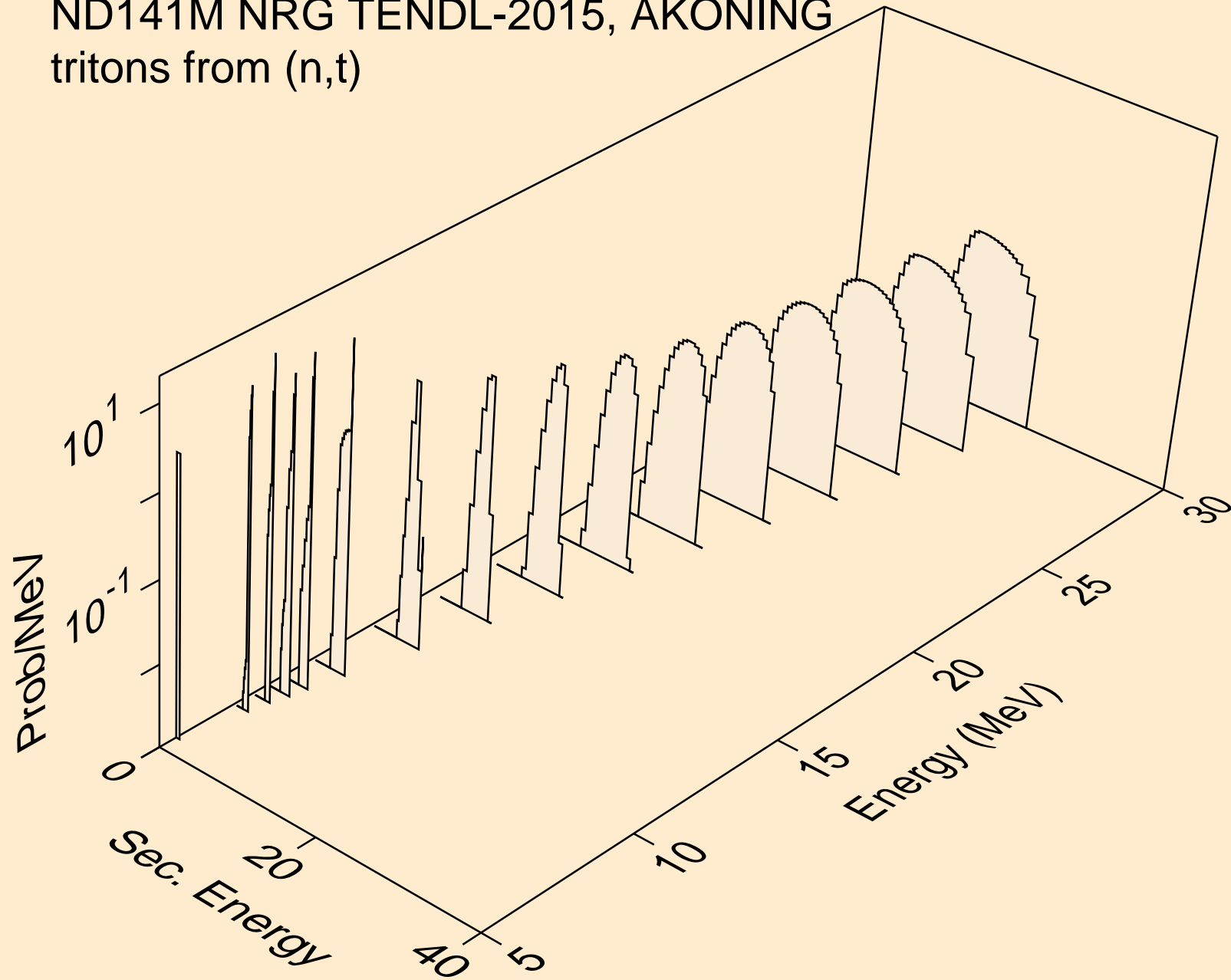




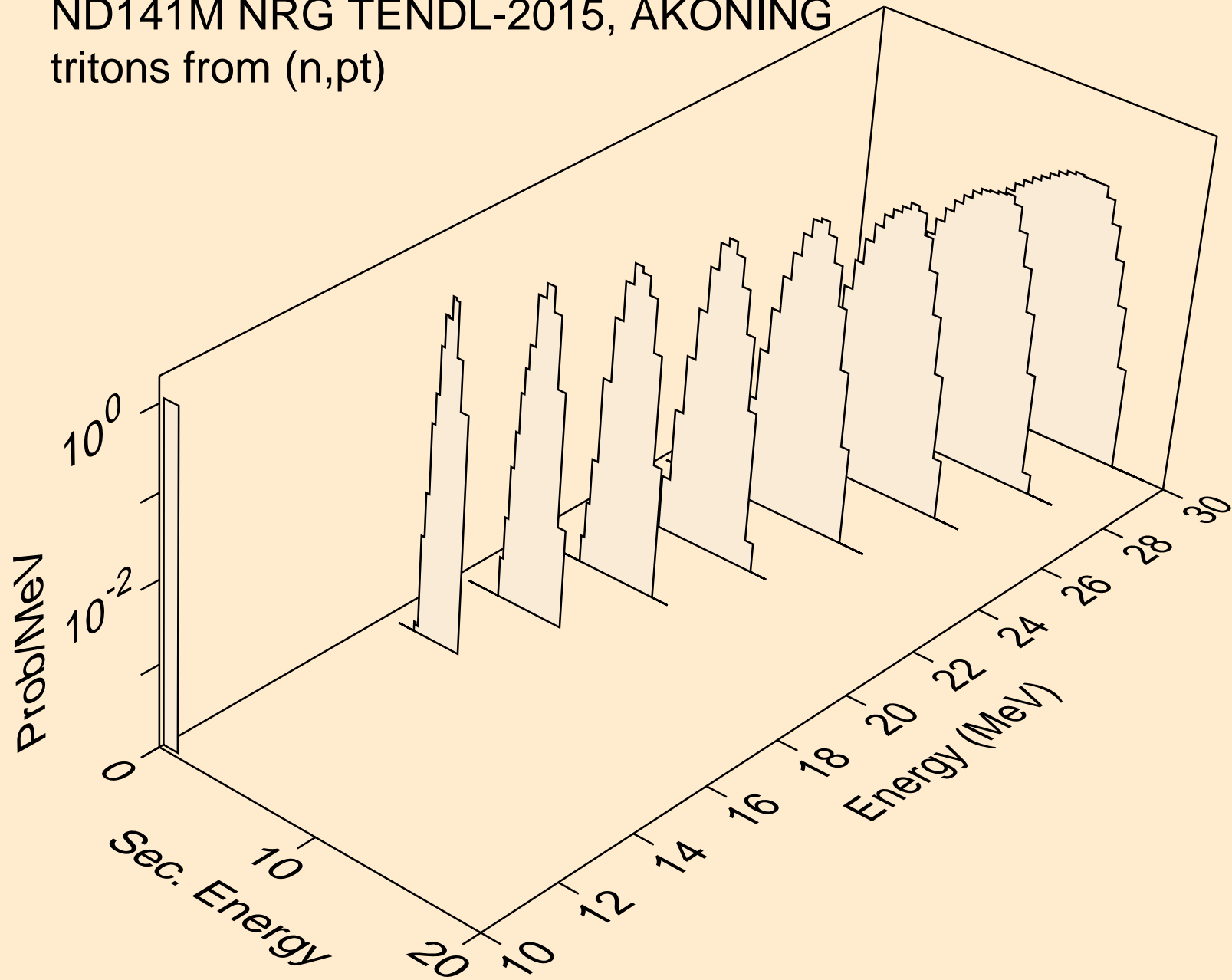
ND141M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



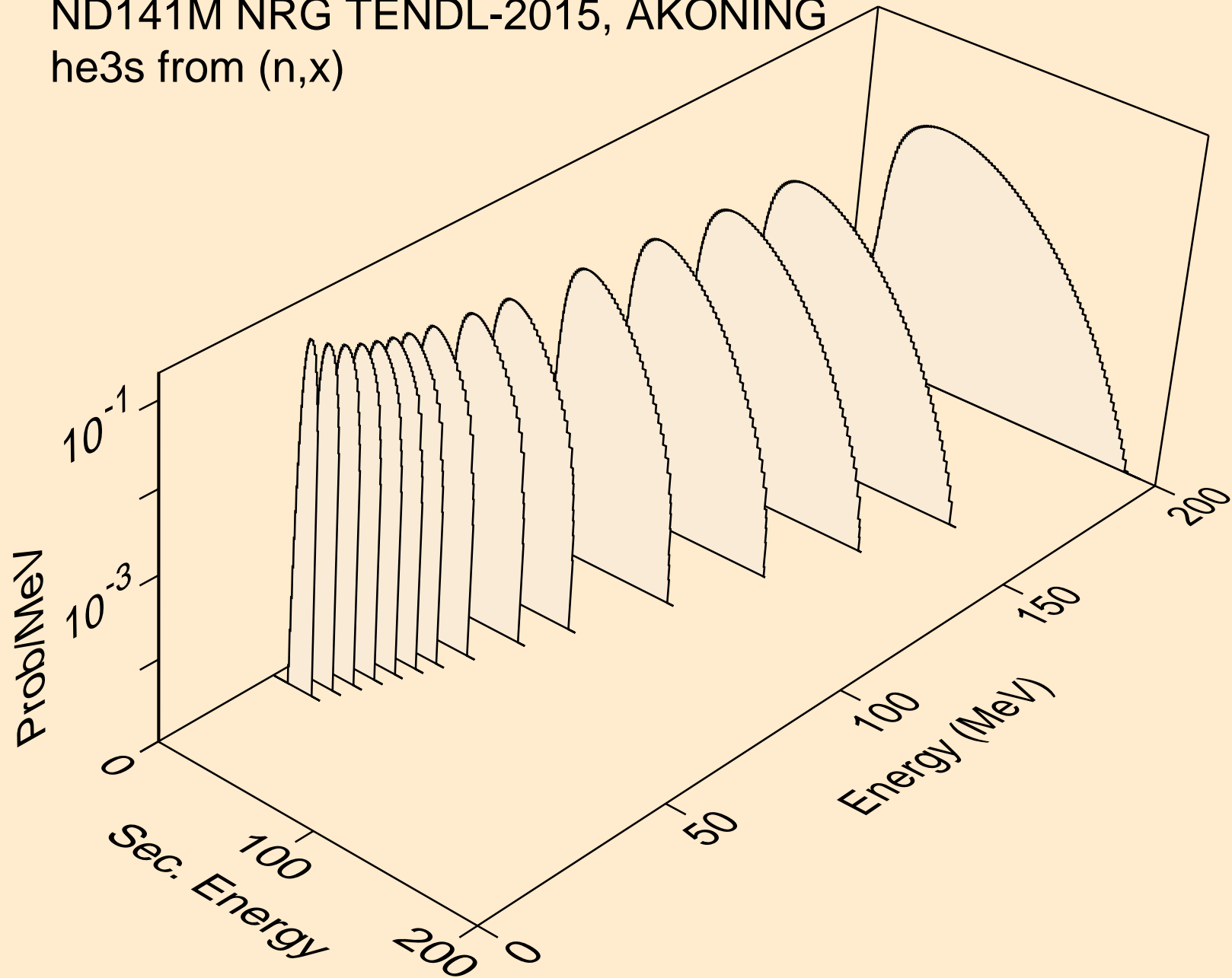
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tritons from (n,t)



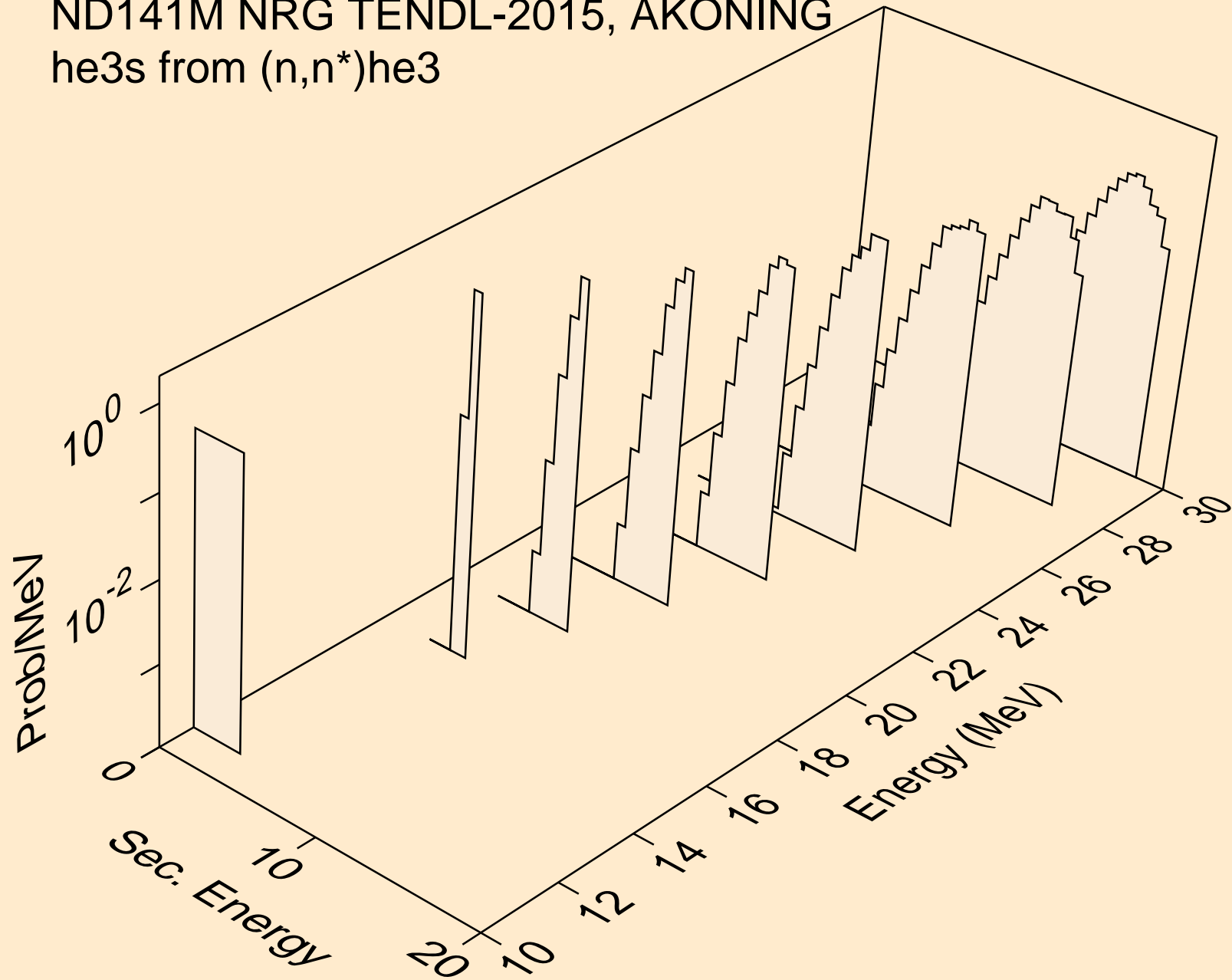
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tritons from (n,pt)



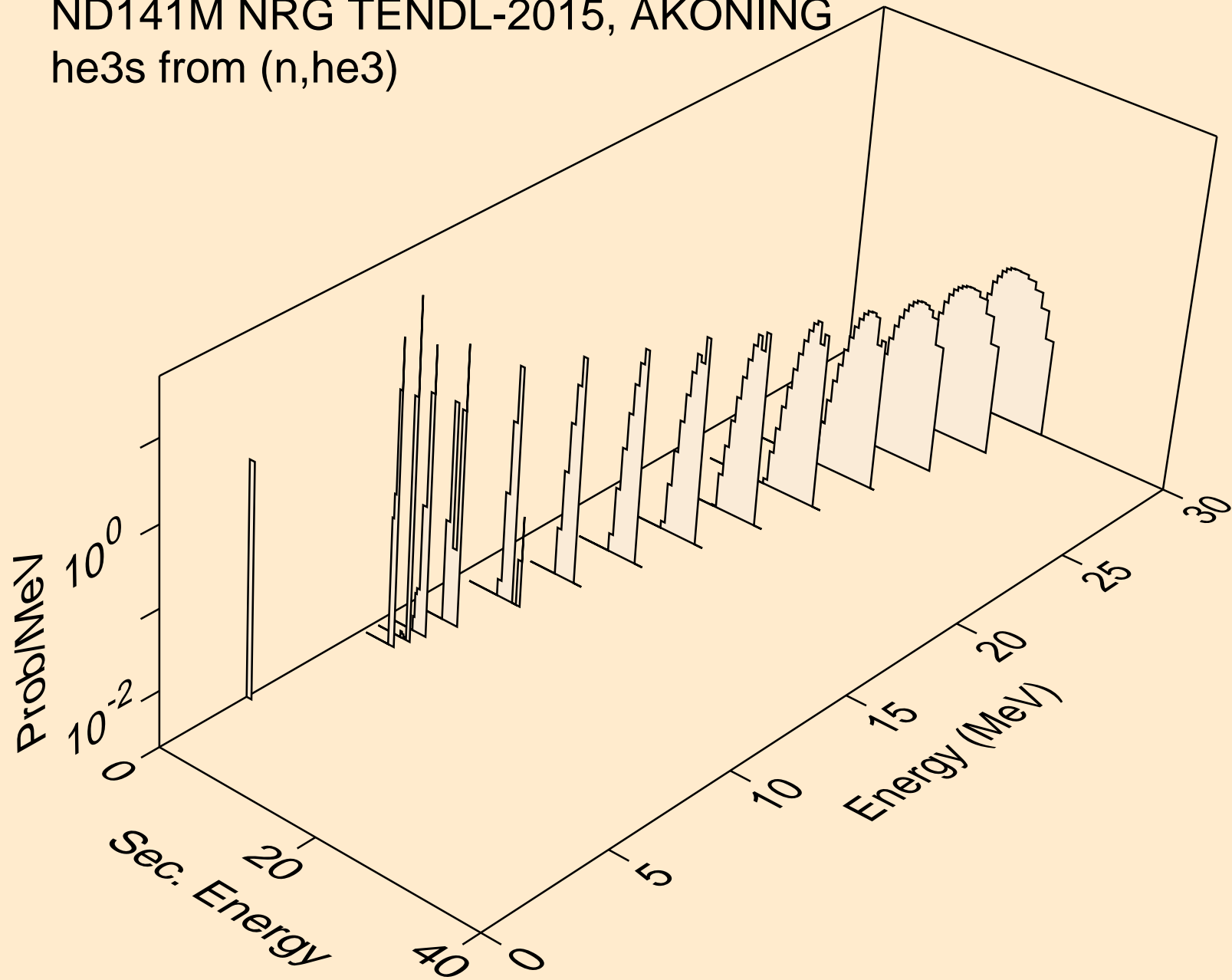
ND141M NRG TENDL-2015, AKONING  
he3s from (n,x)



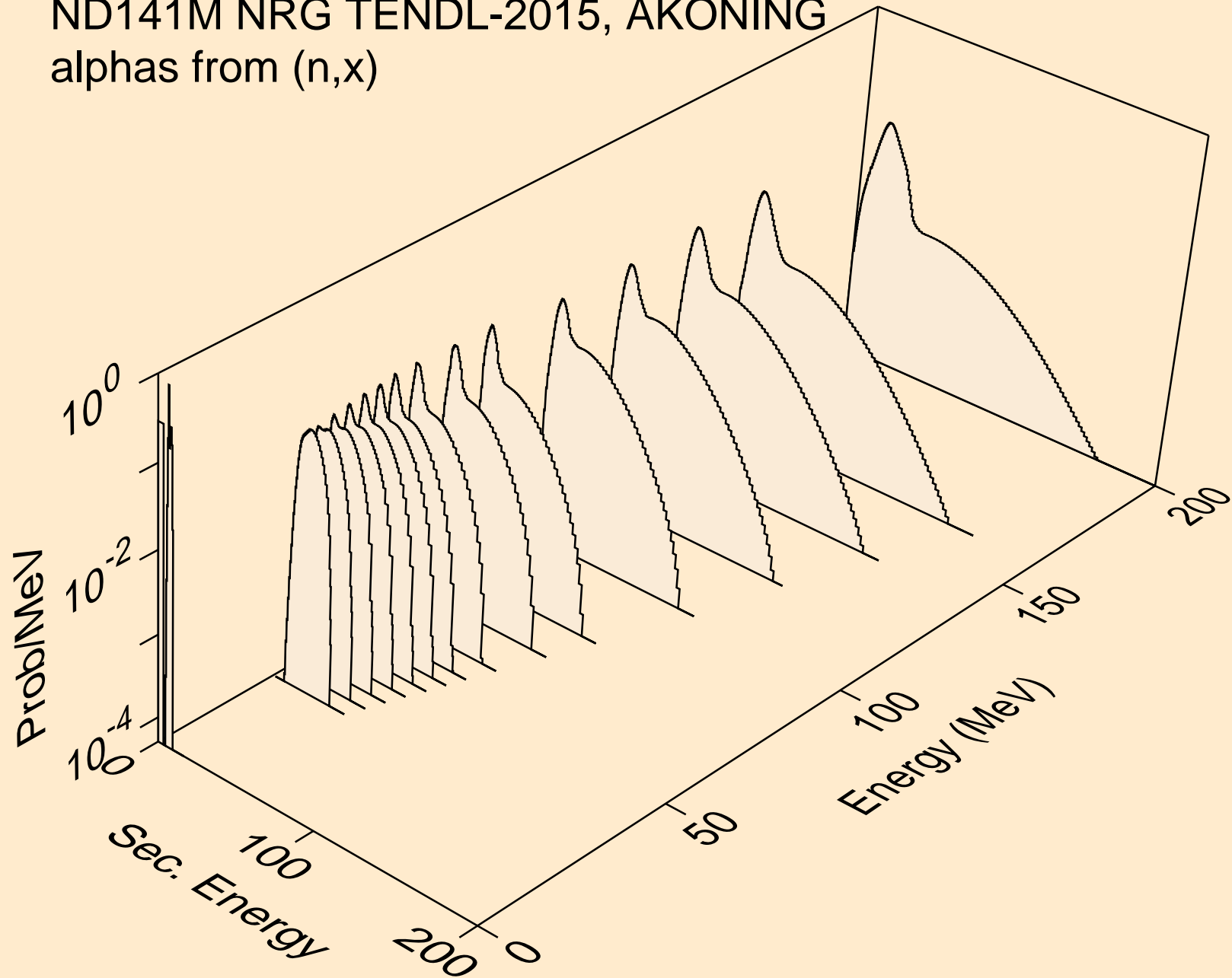
ND141M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



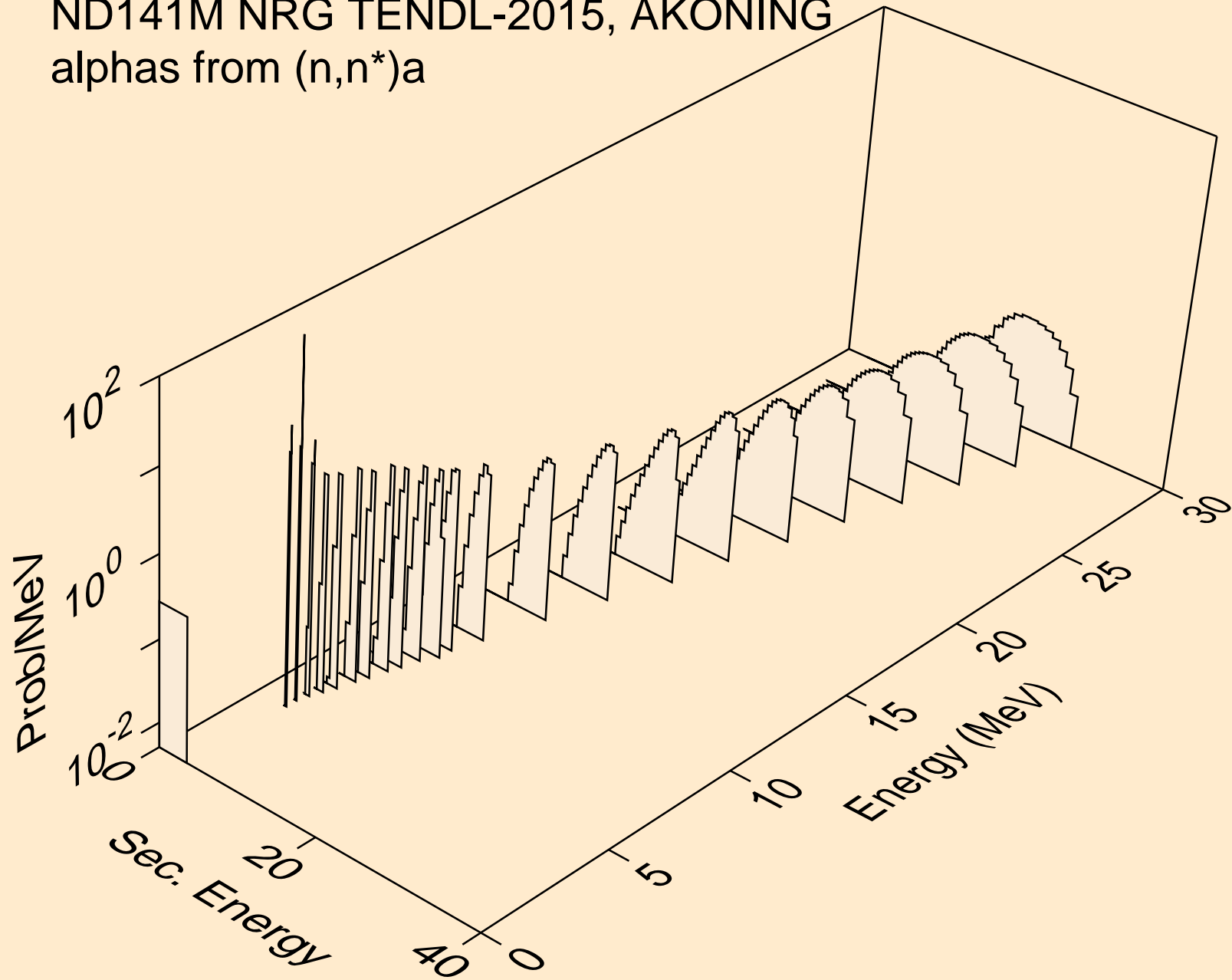
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he3s from (n,he3)



ND141M NRG TENDL-2015, AKONING  
alphas from (n,x)

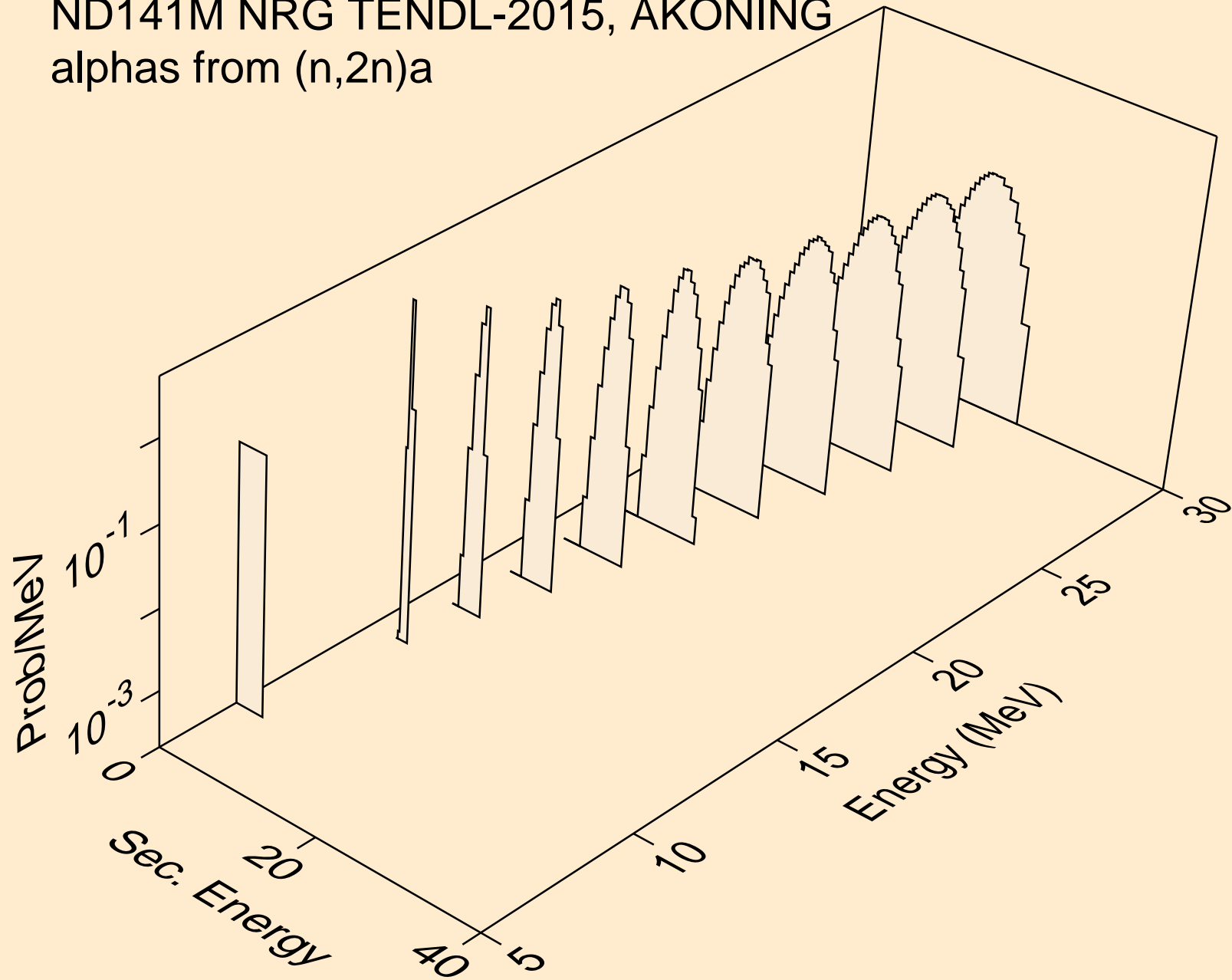


ND141M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

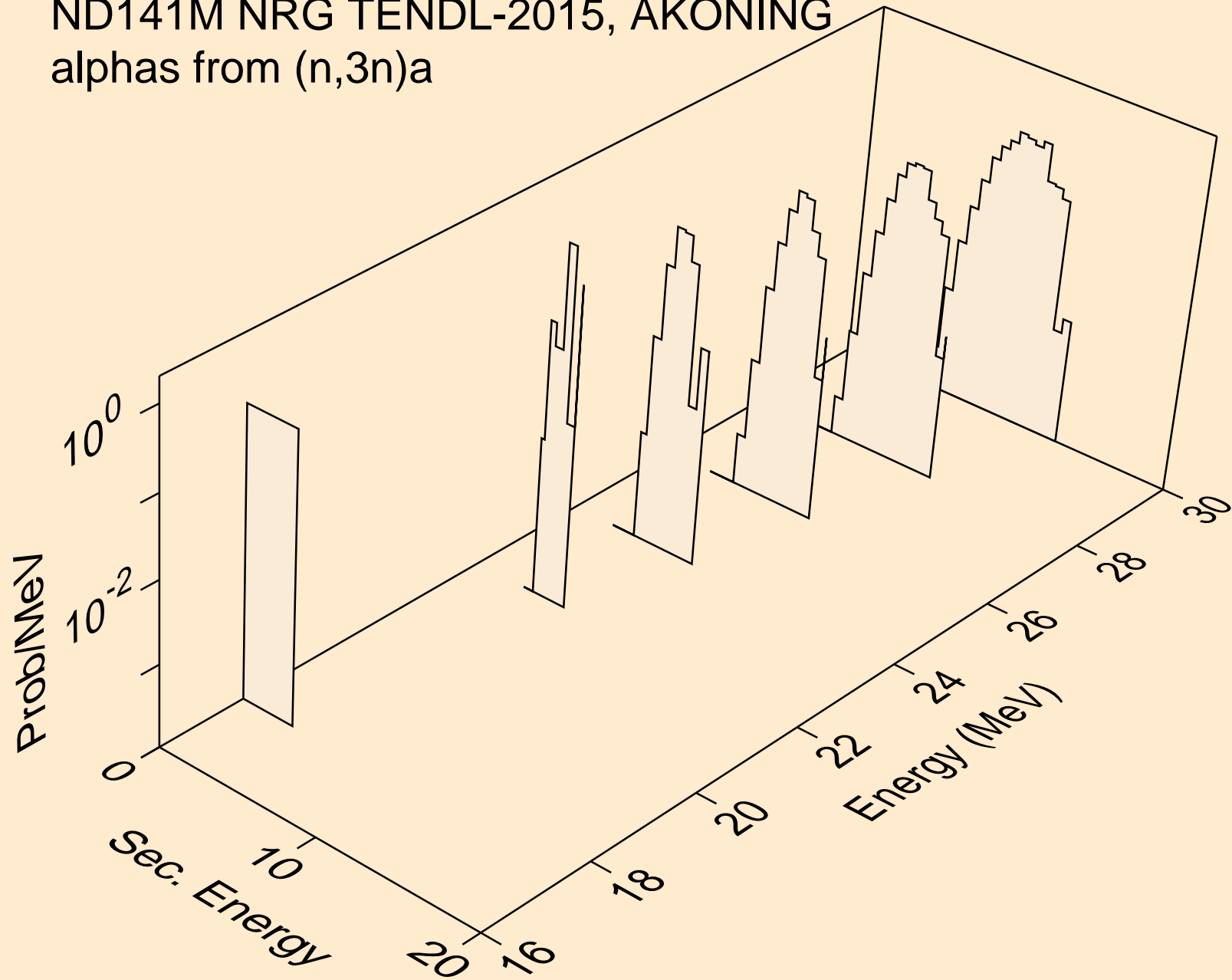




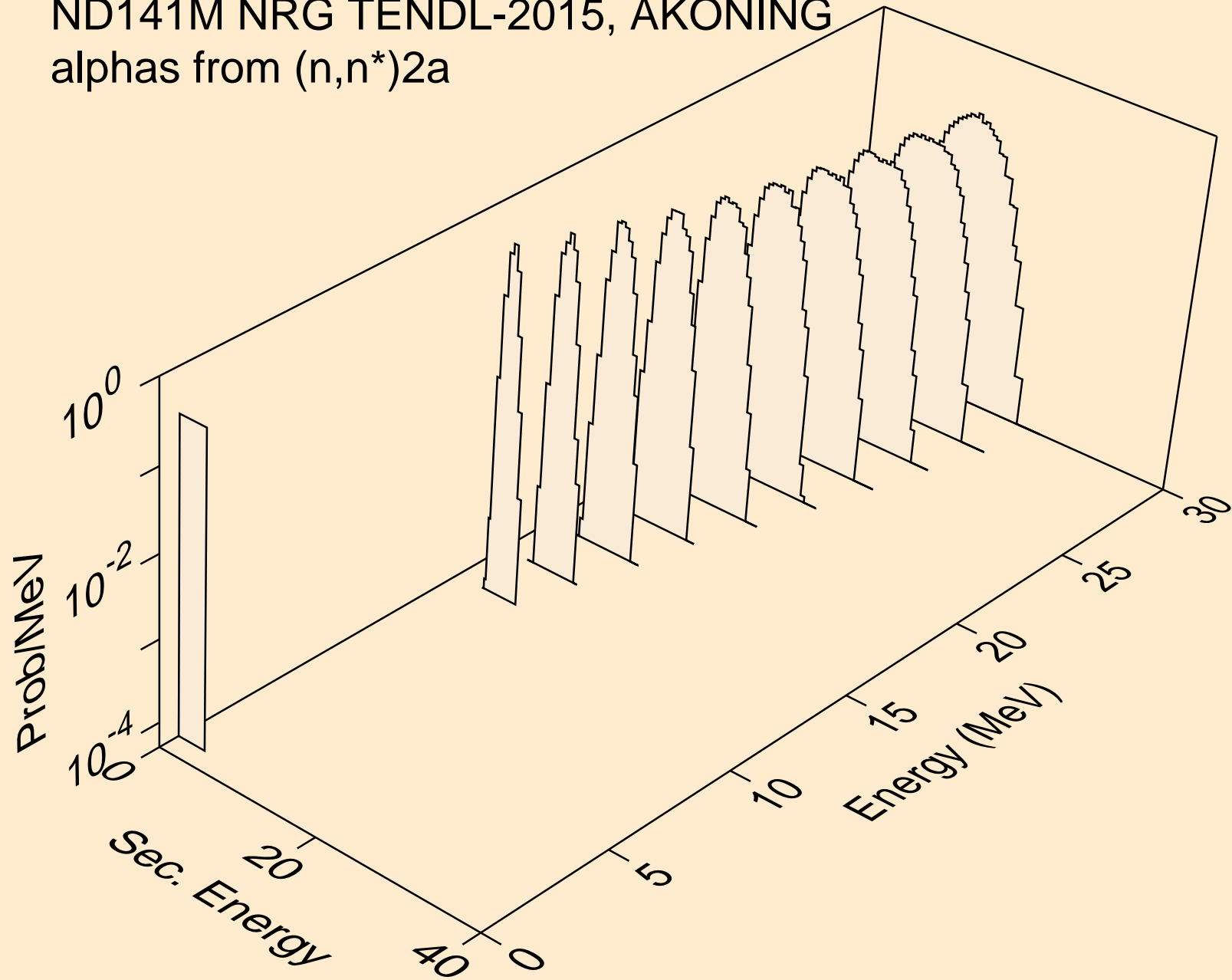
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alphas from (n,2n)a



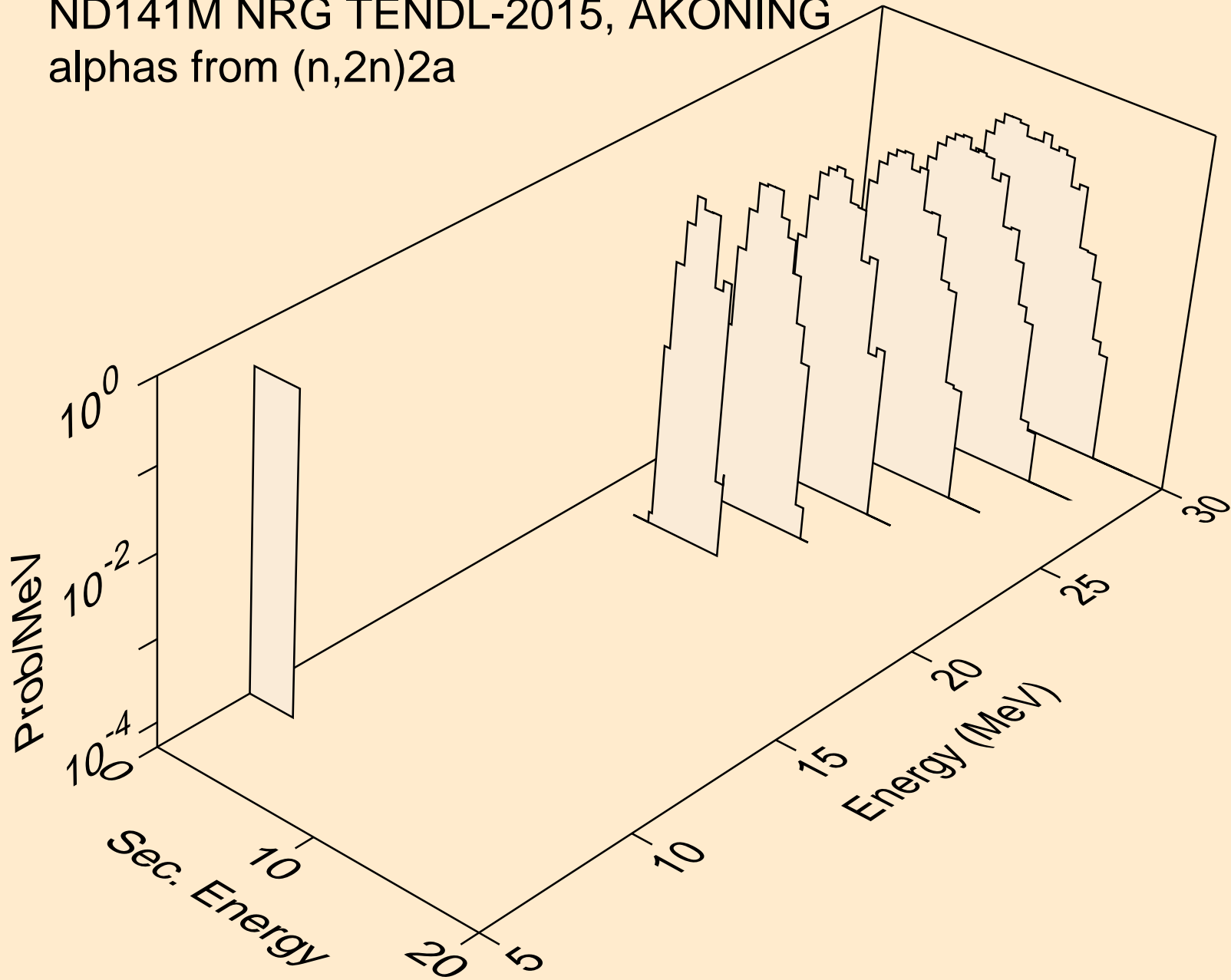
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alphas from (n,3n)a



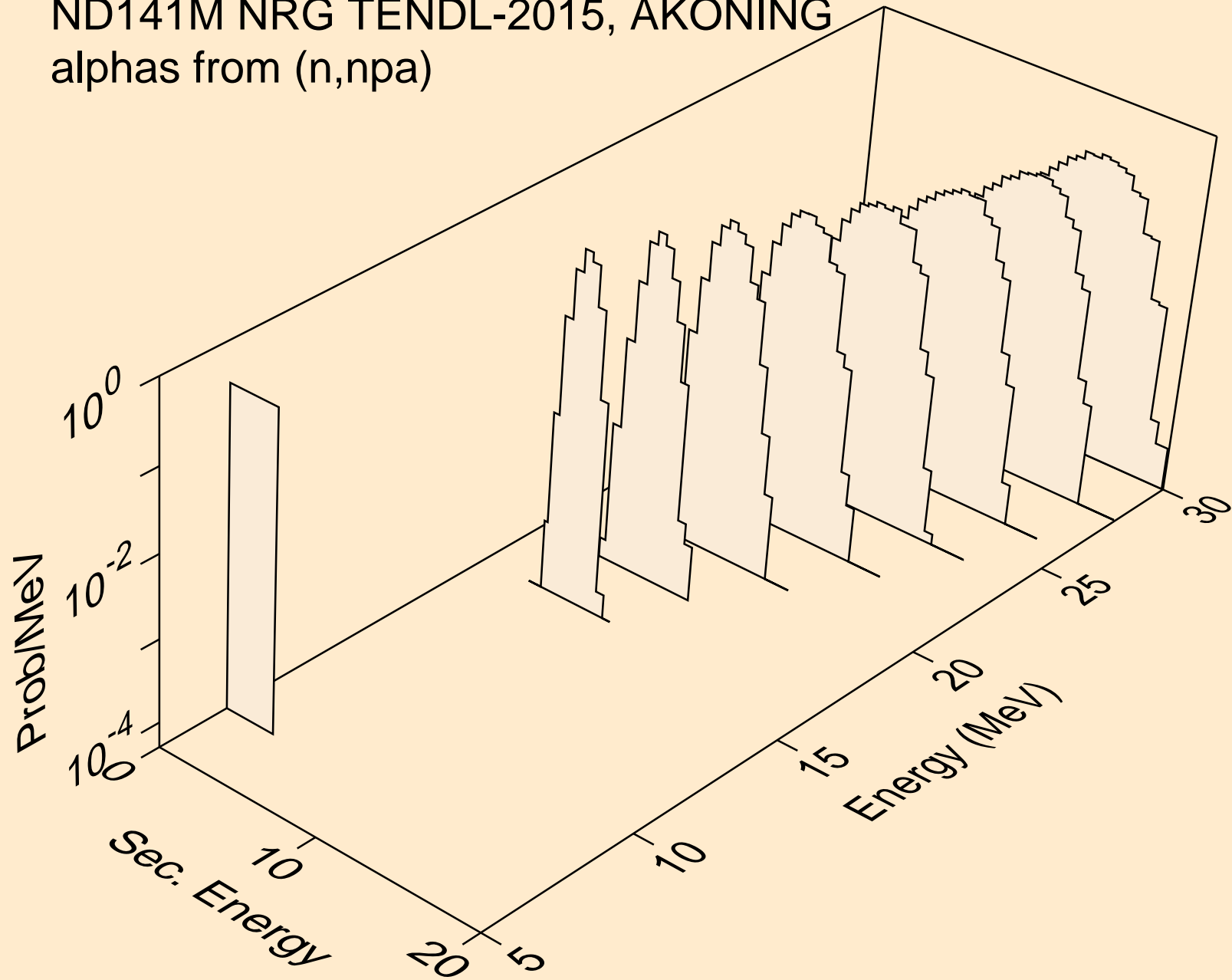
ND141M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



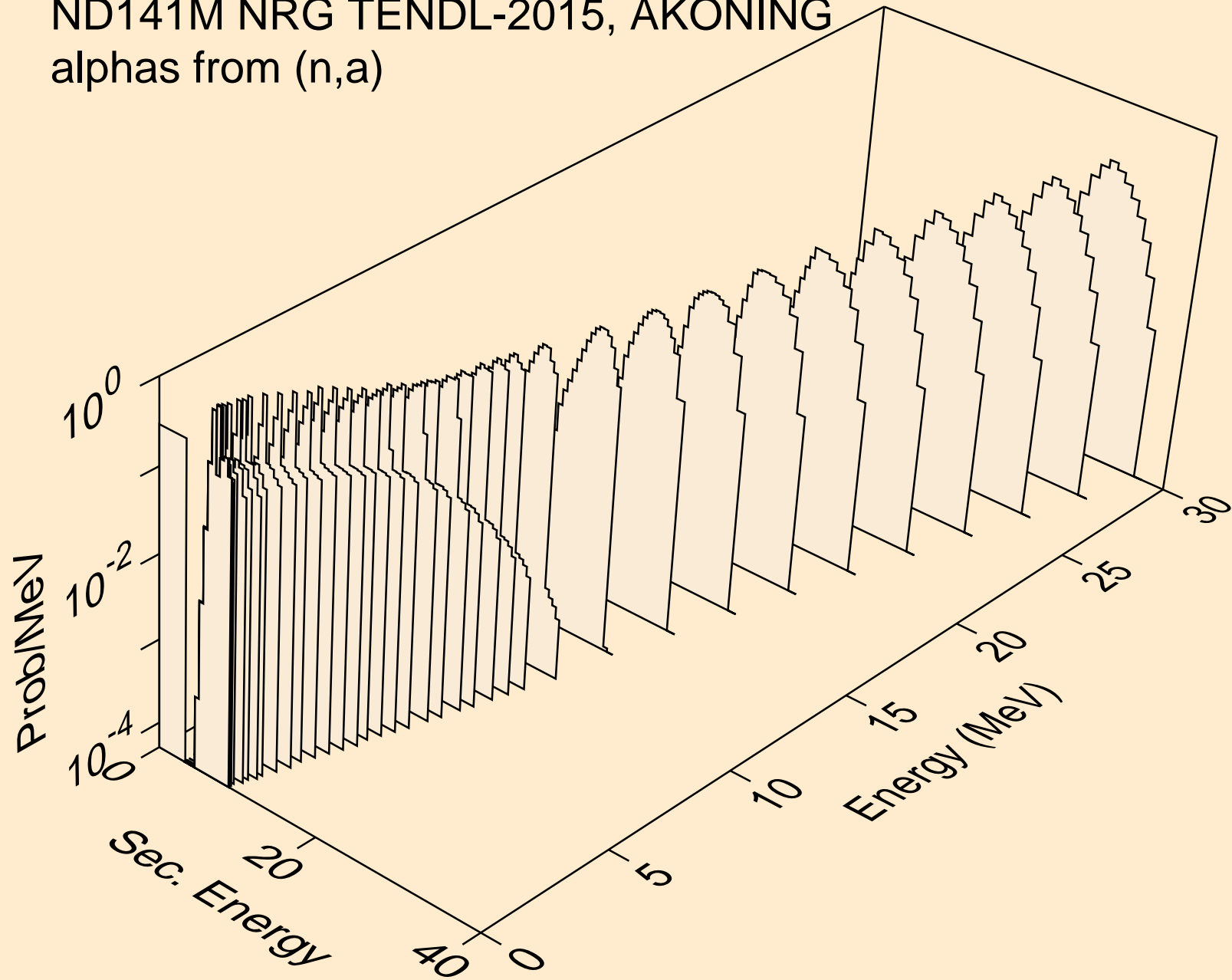
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alphas from (n,2n)2a



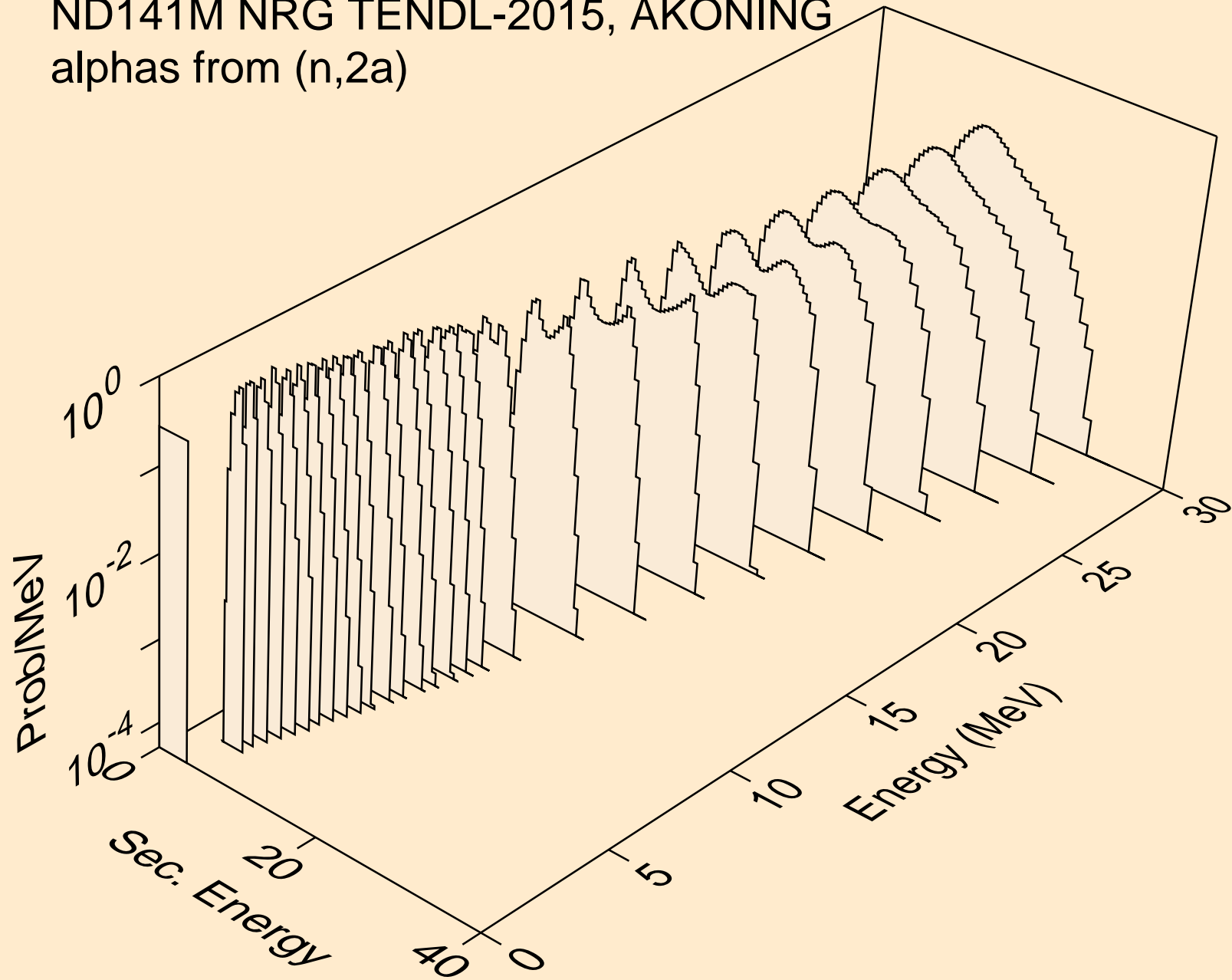
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alphas from (n,npa)



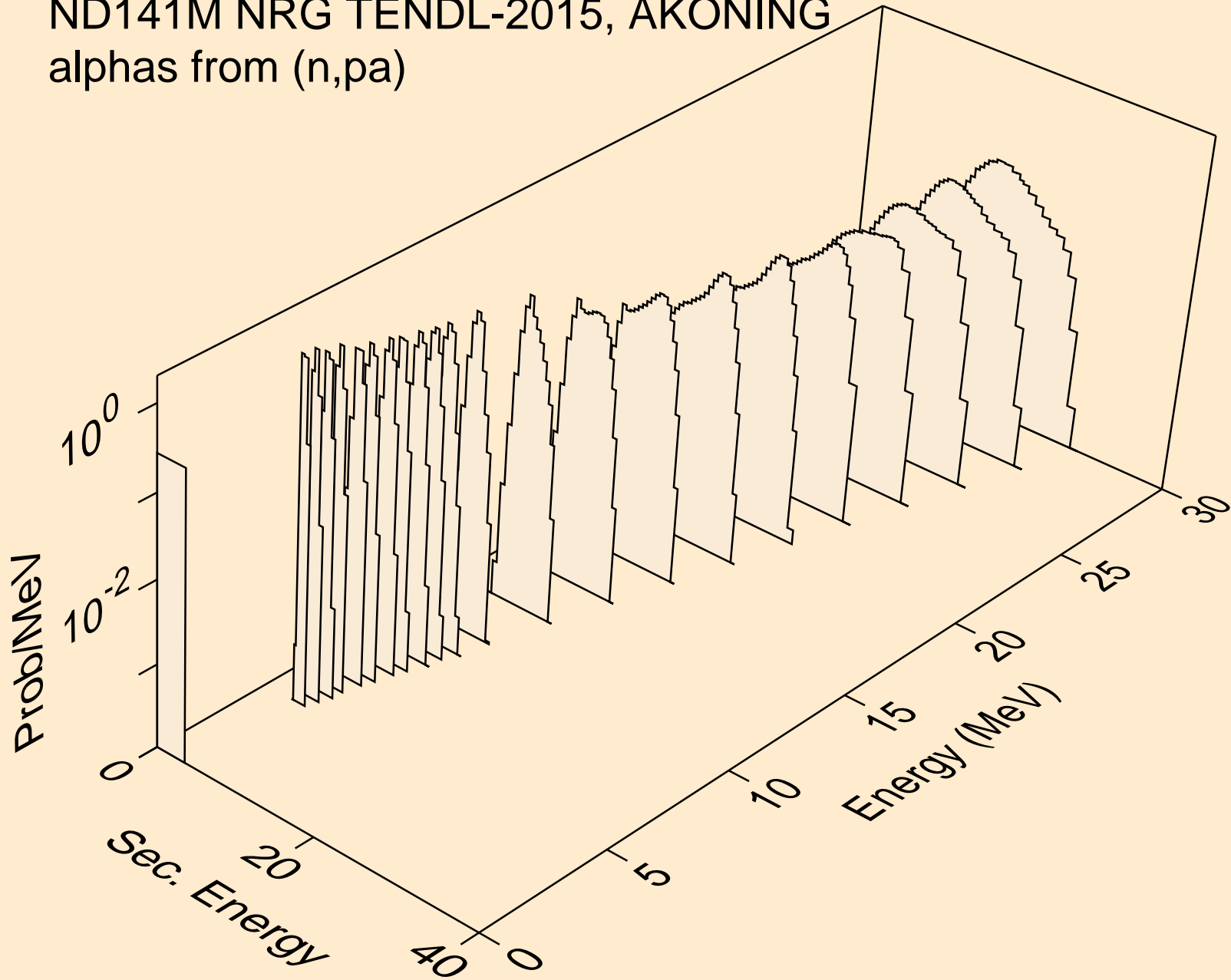
ND141M NRG TENDL-2015, AKONING  
alphas from (n,a)



ND141M NRG TENDL-2015, AKONING  
alphas from (n,2a)



ND141M NRG TENDL-2015, AKONING  
alphas from (n,pa)





ND141M NRG TENDL-2015, AKONING  
alphas from (n,da)

