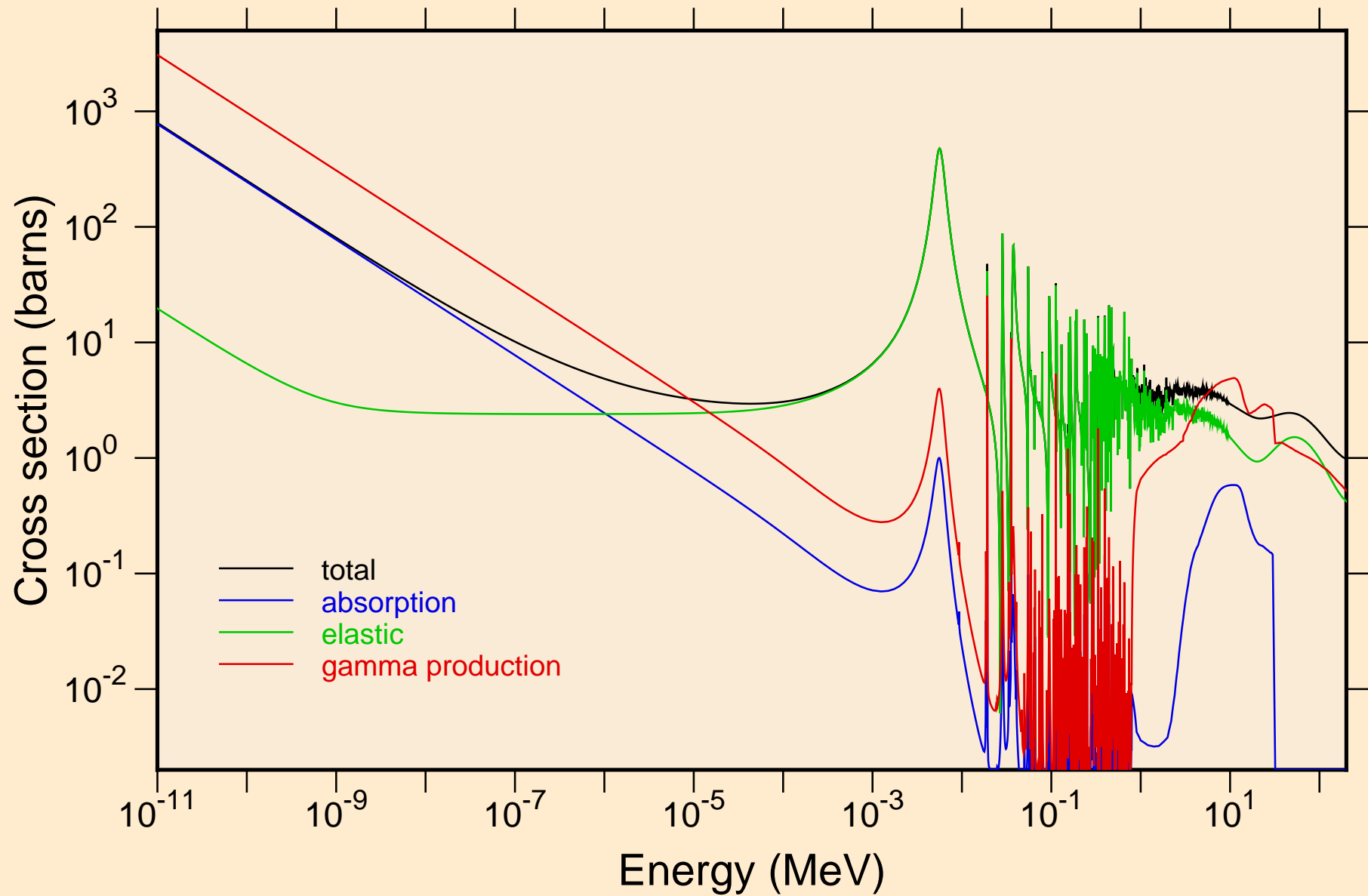
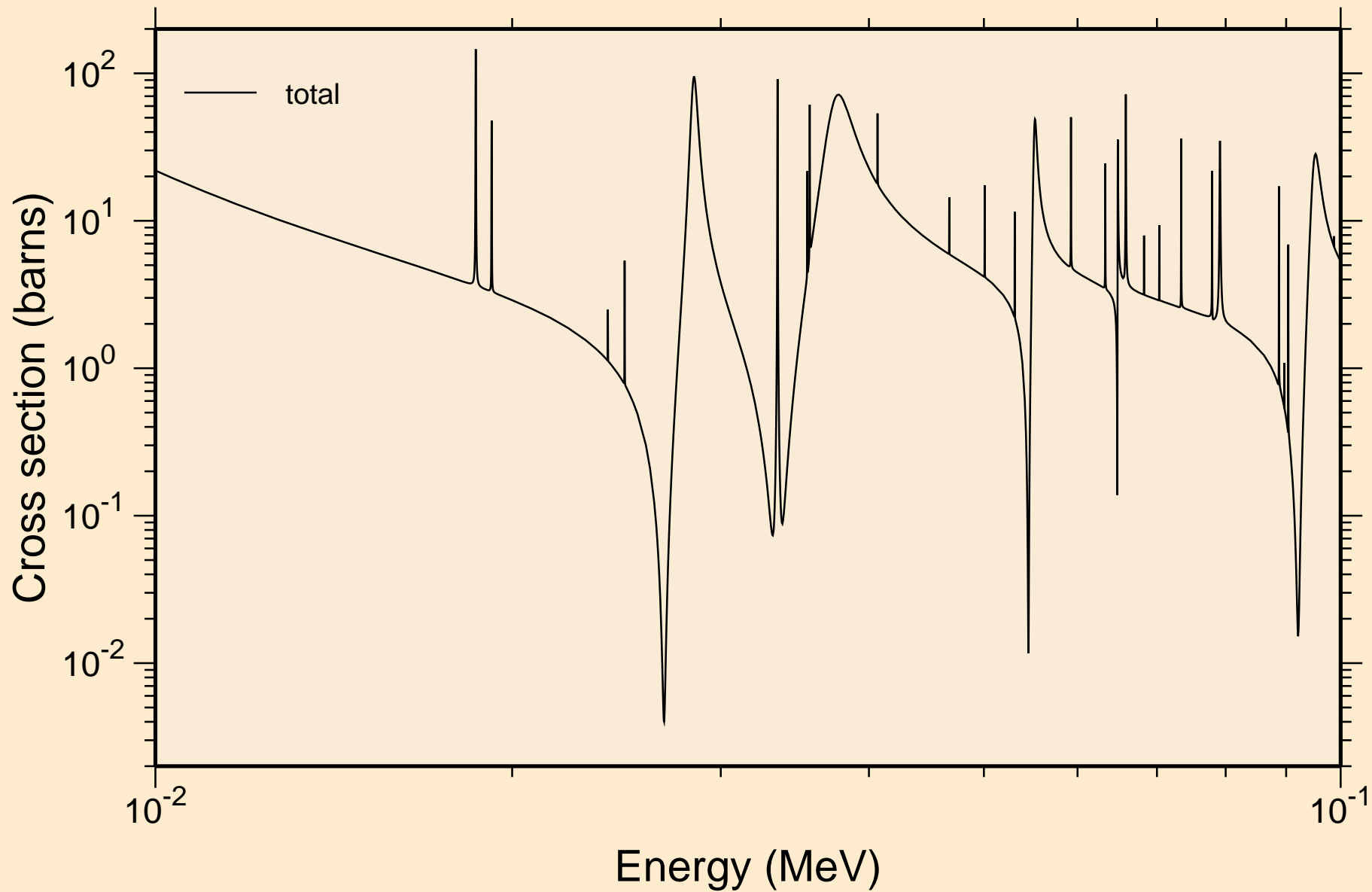


# CR050 NRG TENDL-2015, AKONING

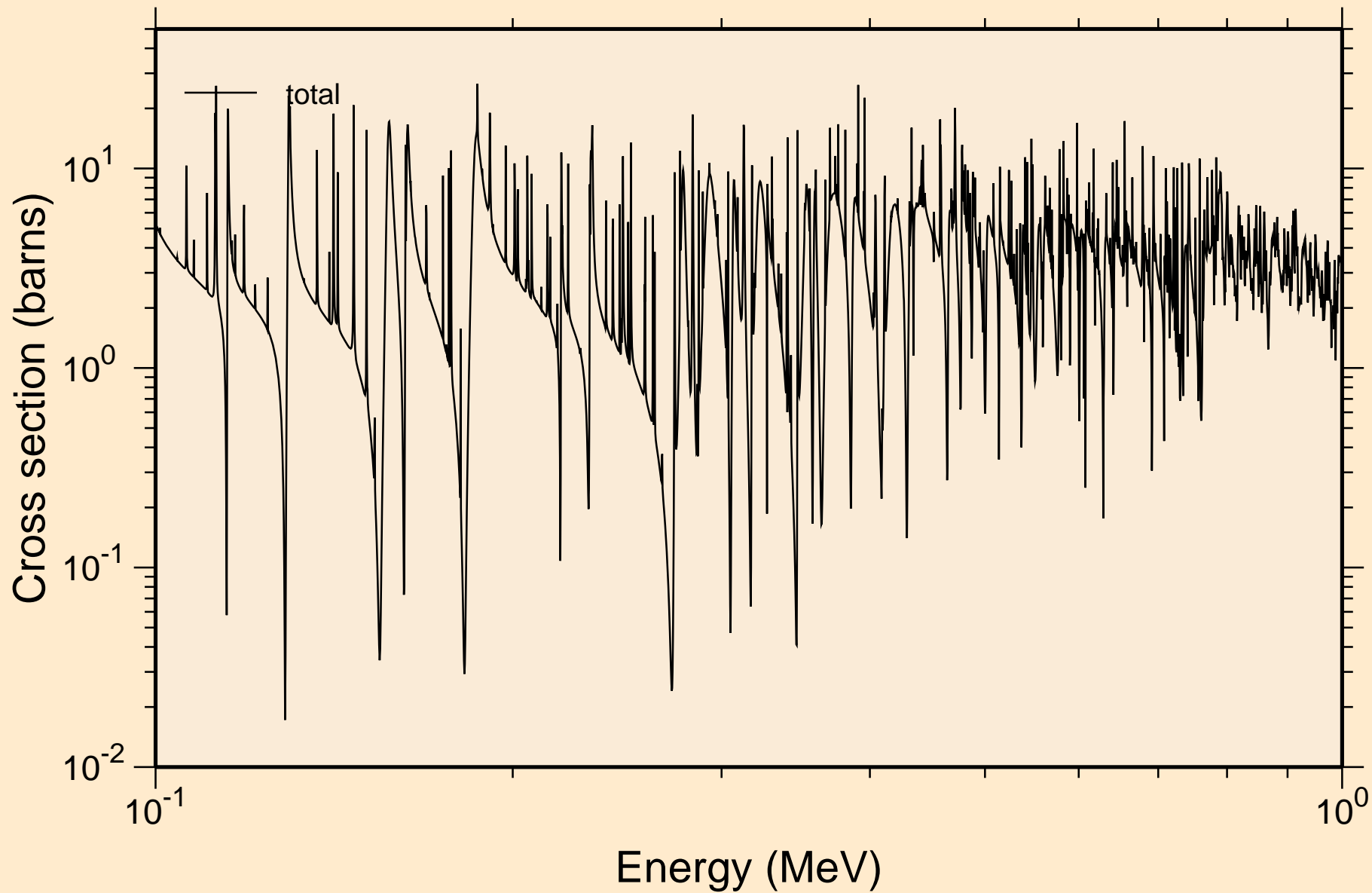
## Principal cross sections



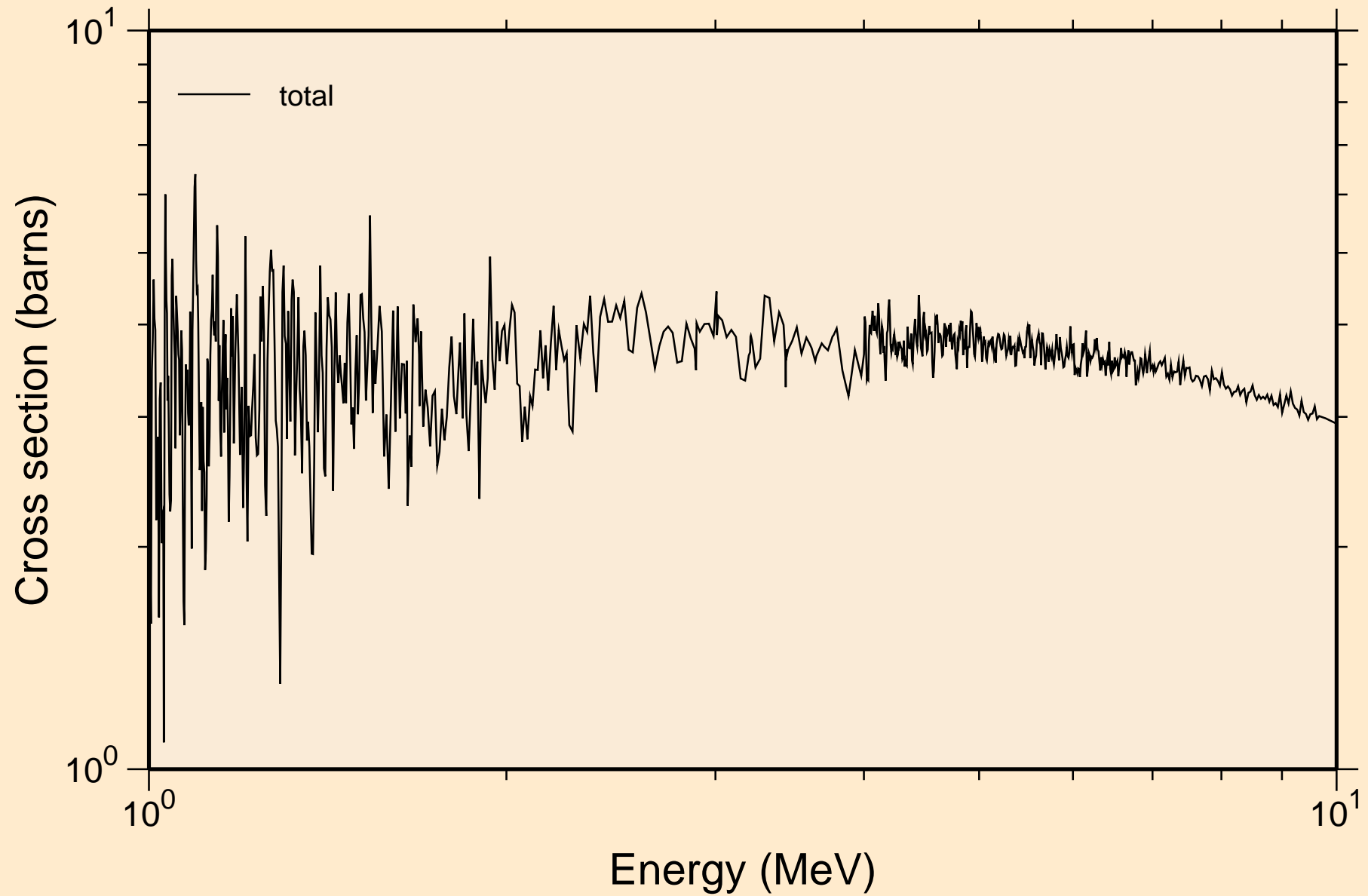
CR050 NRG TENDL-2015, AKONING  
resonance total cross section



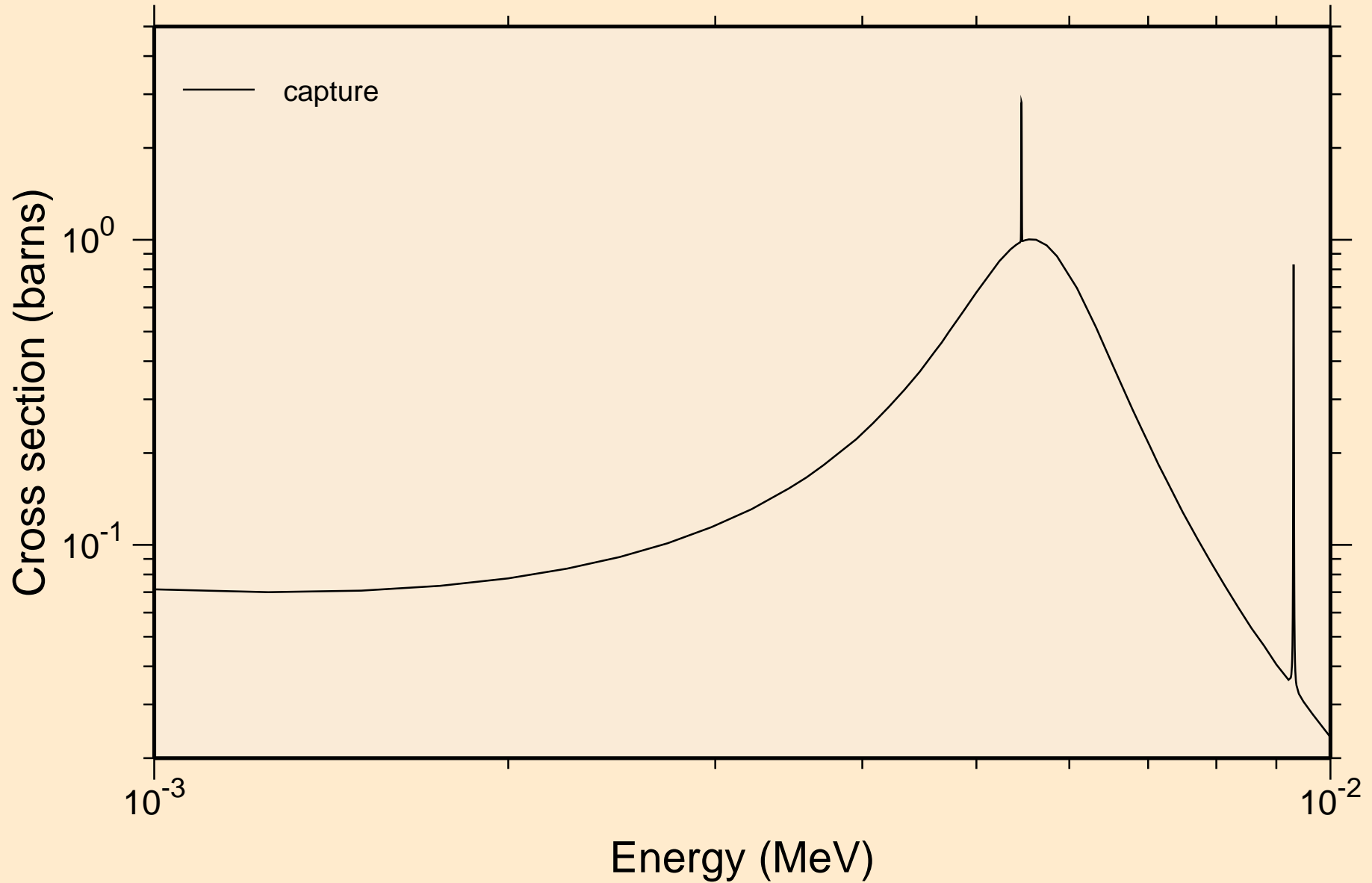
CR050 NRG TENDL-2015, AKONING  
resonance total cross section



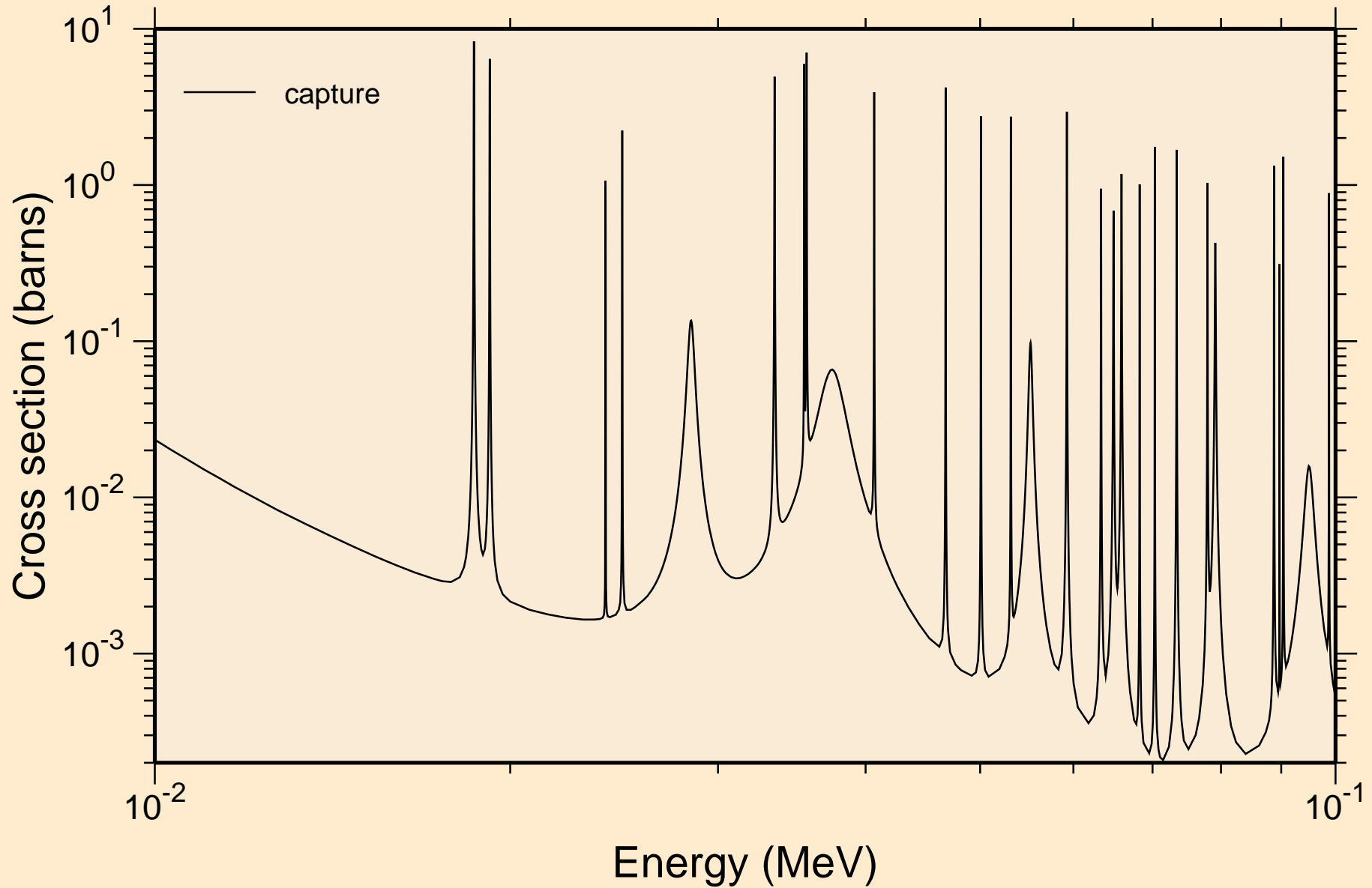
CR050 NRG TENDL-2015, AKONING  
resonance total cross section



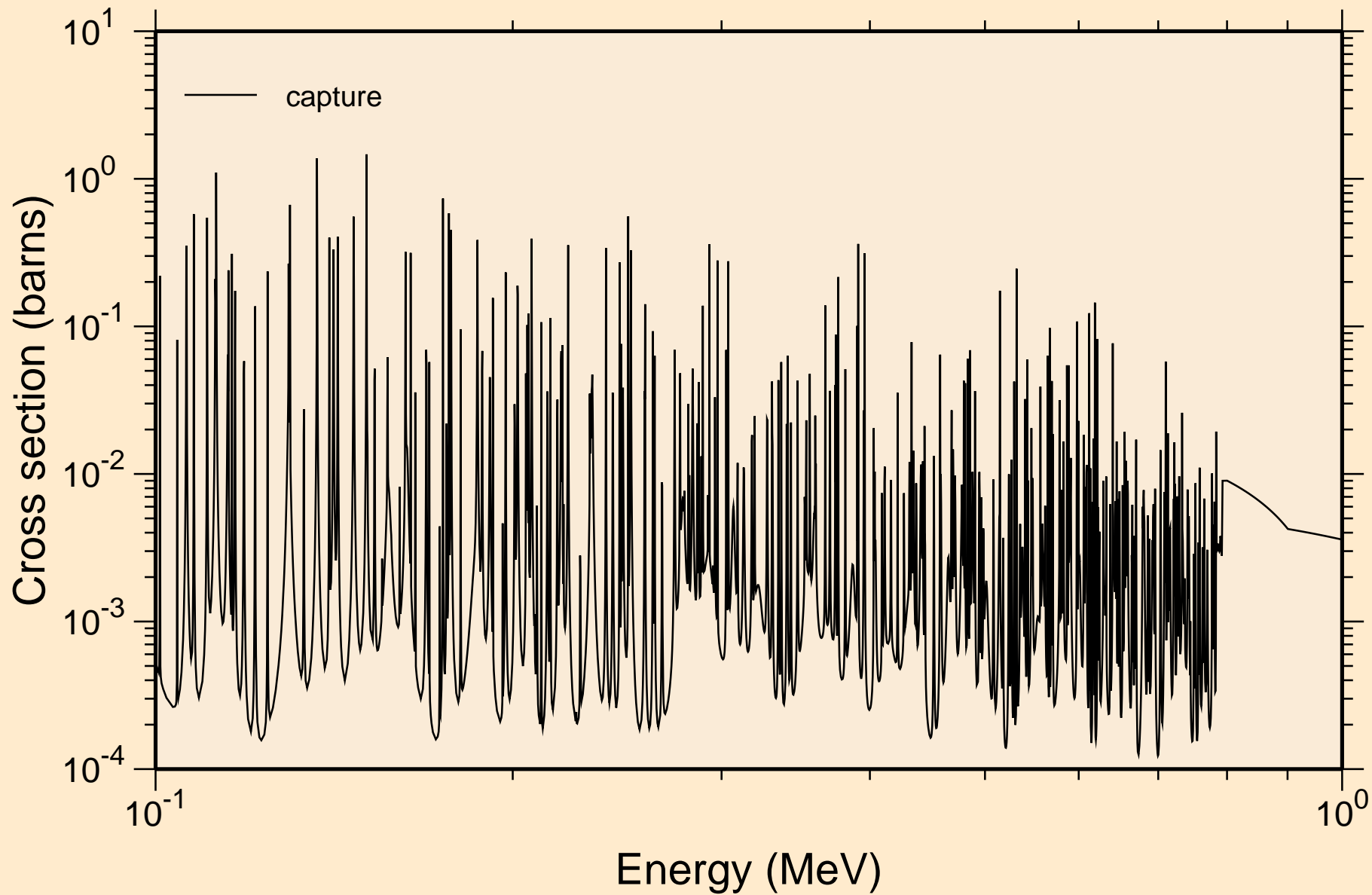
CR050 NRG TENDL-2015, AKONING  
resonance absorption cross sections



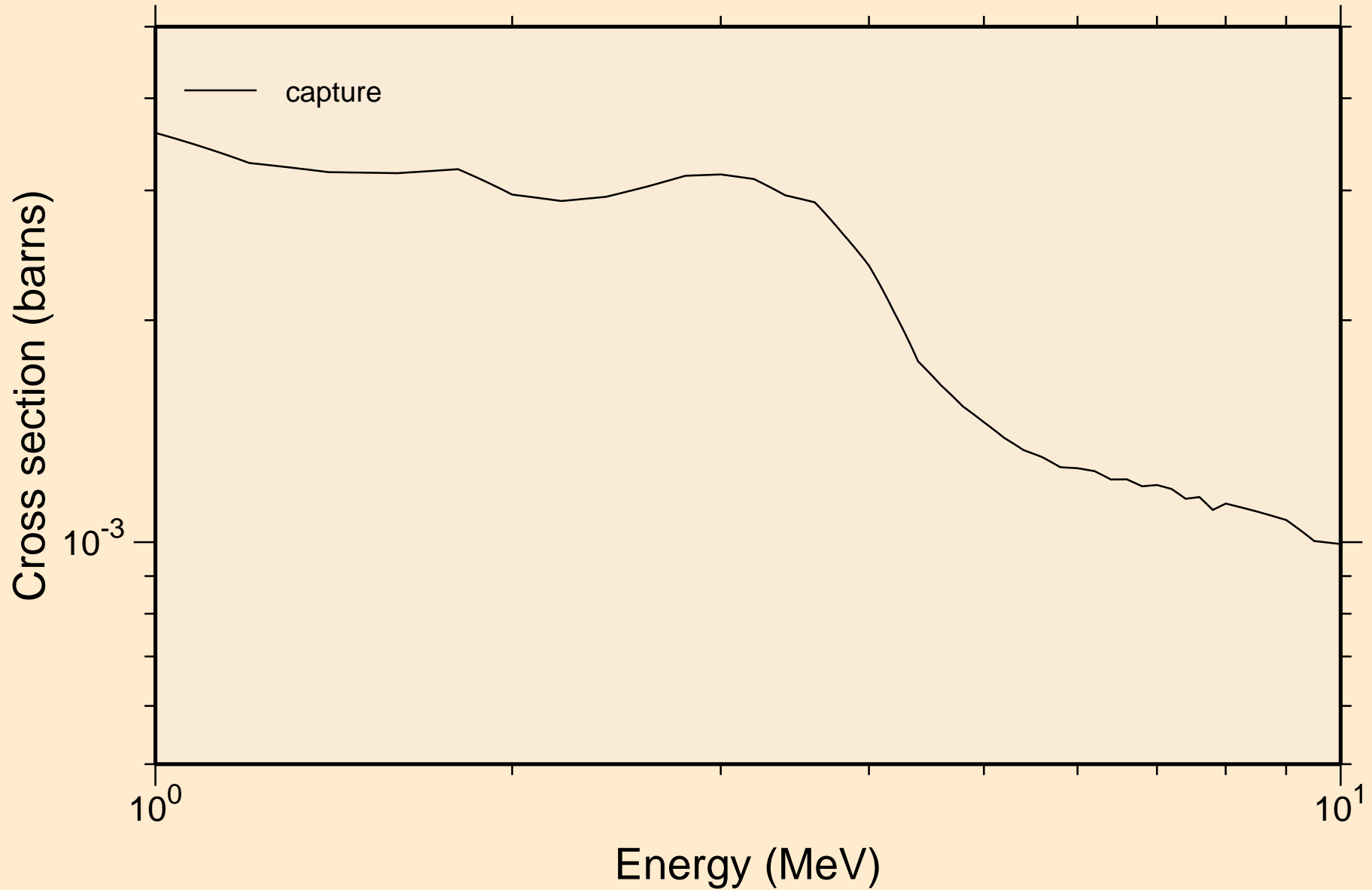
# CR050 NRG TENDL-2015, AKONING resonance absorption cross sections



# CR050 NRG TENDL-2015, AKONING resonance absorption cross sections



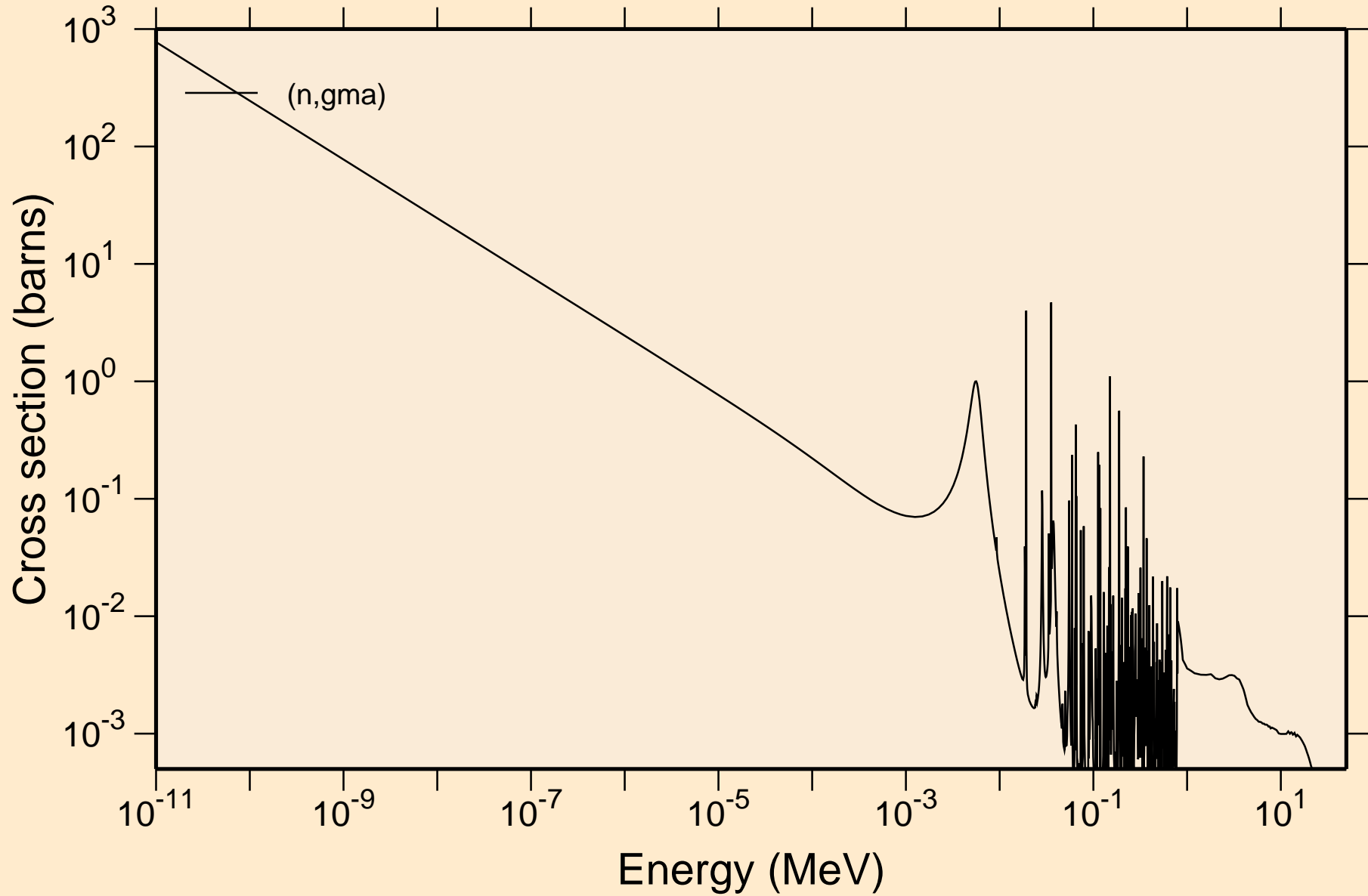
CR050 NRG TENDL-2015, AKONING  
resonance absorption cross sections





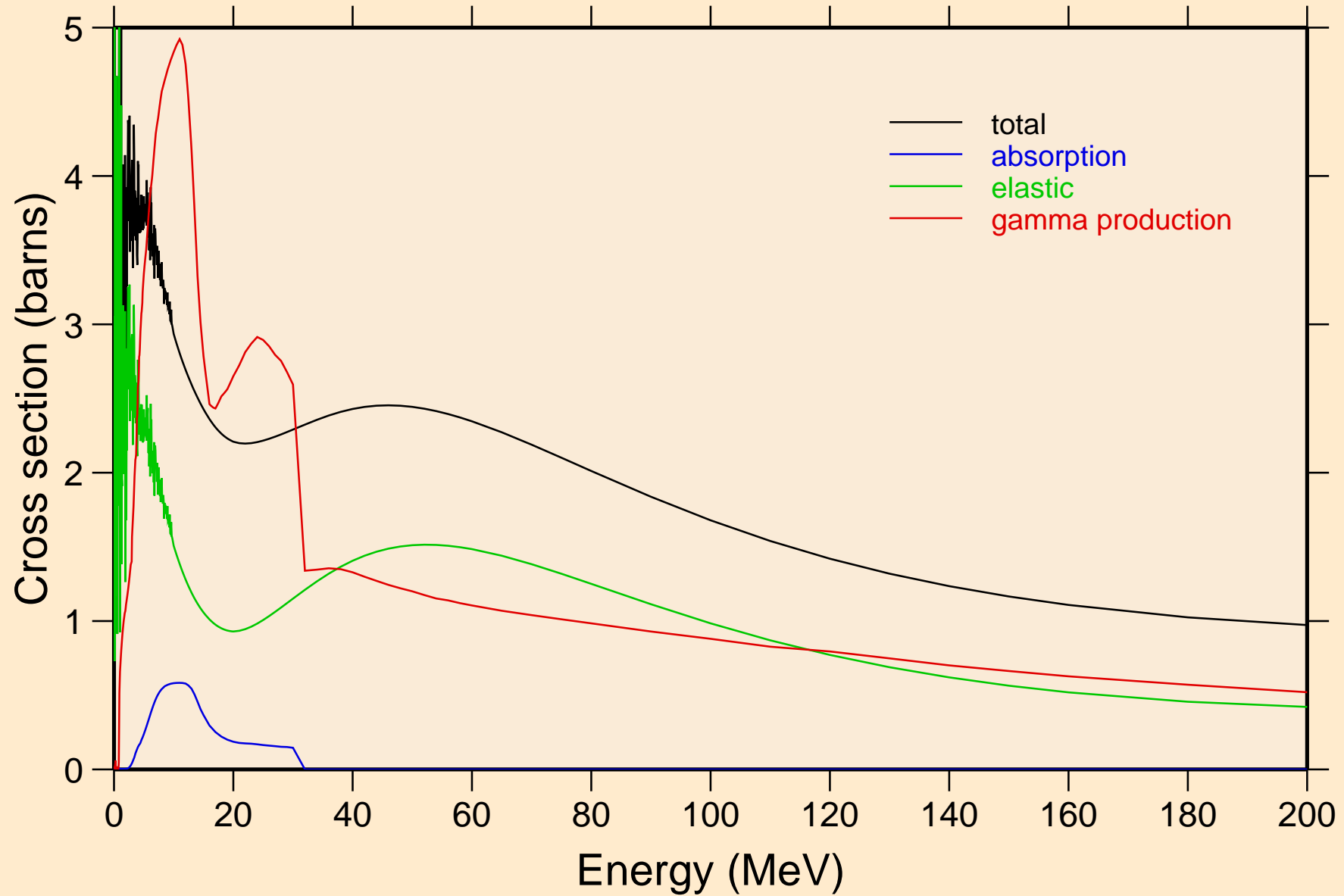
# CR050 NRG TENDL-2015, AKONING

## Non-threshold reactions

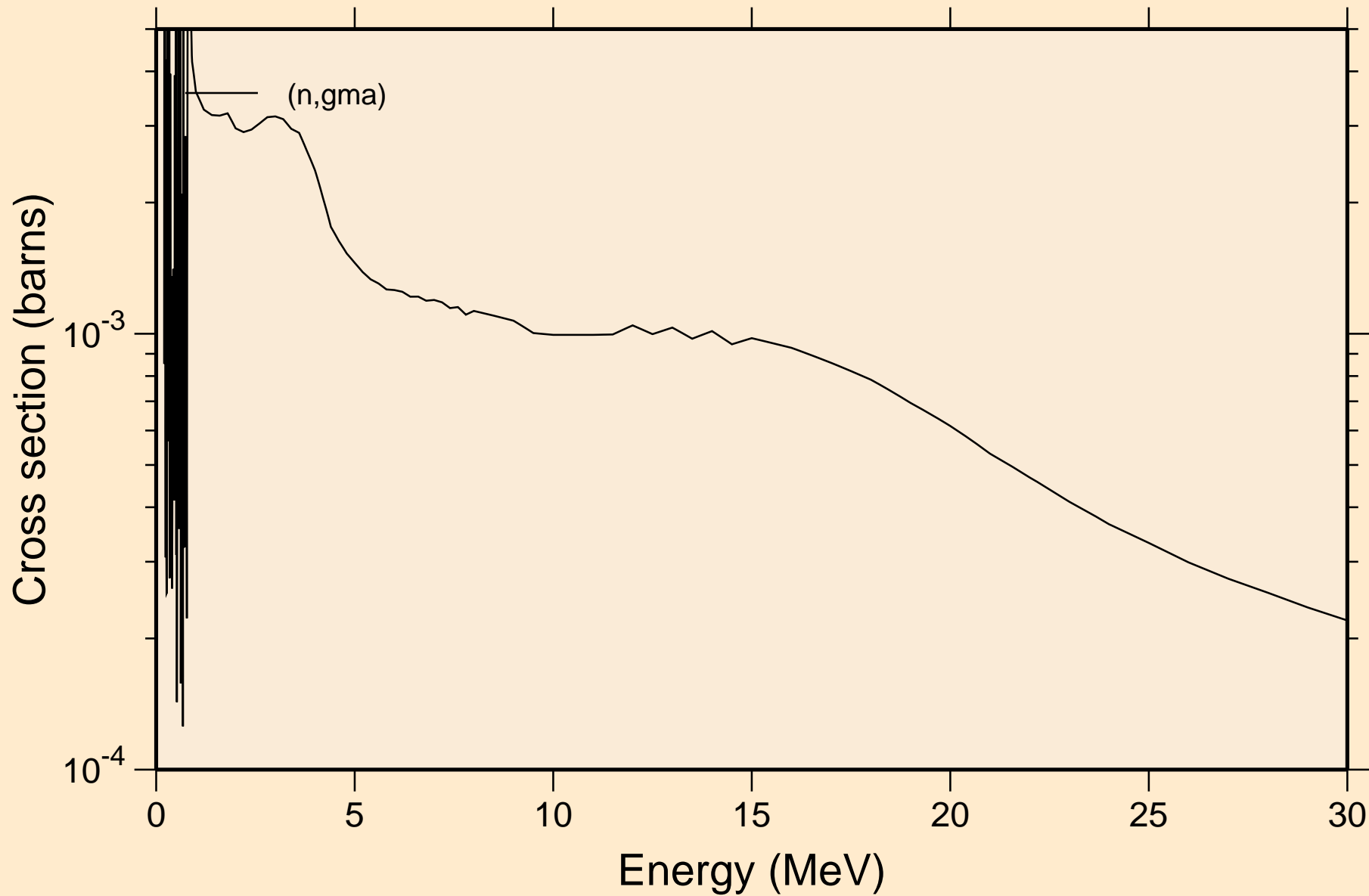


# CR050 NRG TENDL-2015, AKONING

## Principal cross sections

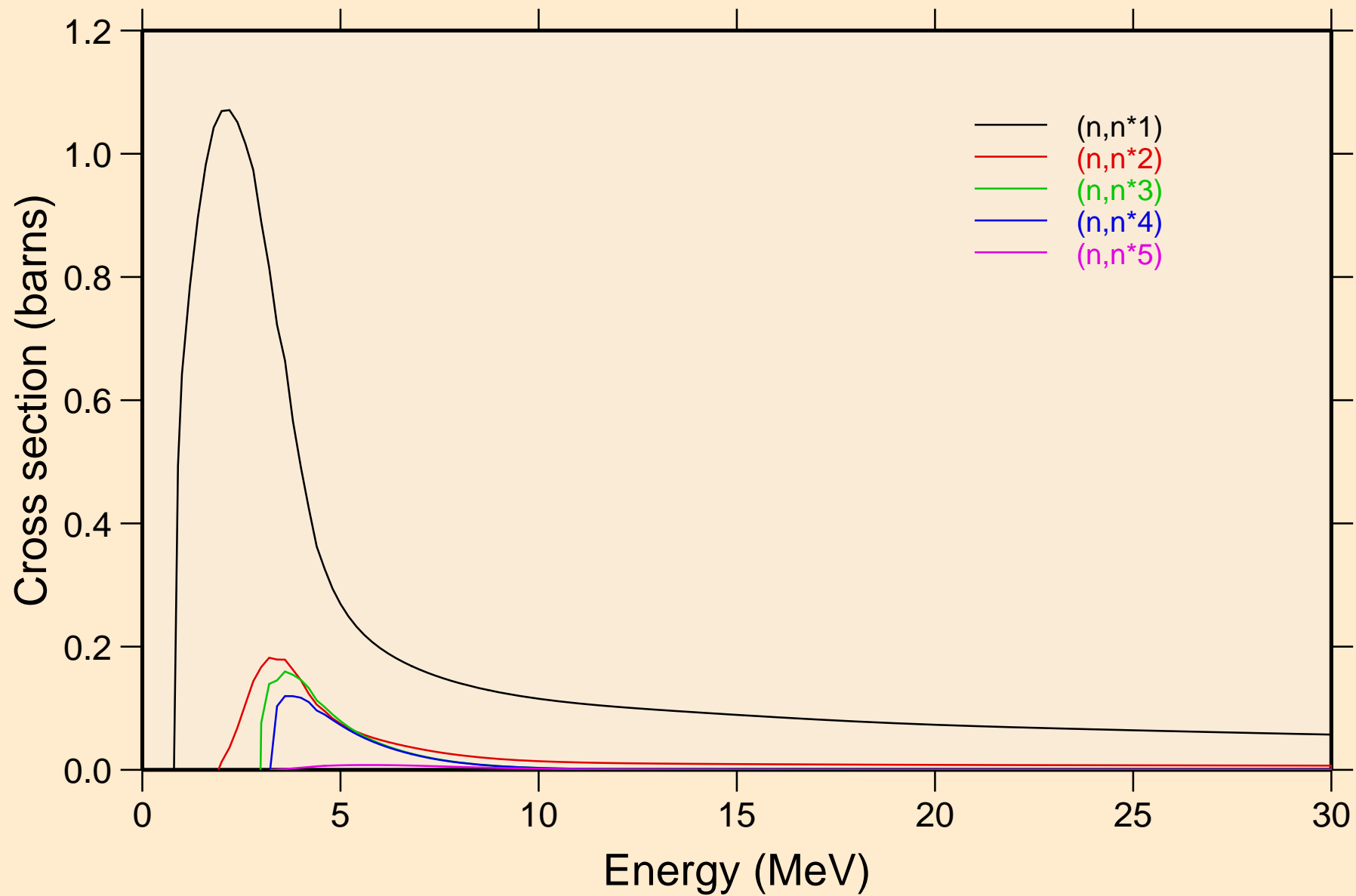


CR050 NRG TENDL-2015, AKONING  
Non-threshold reactions



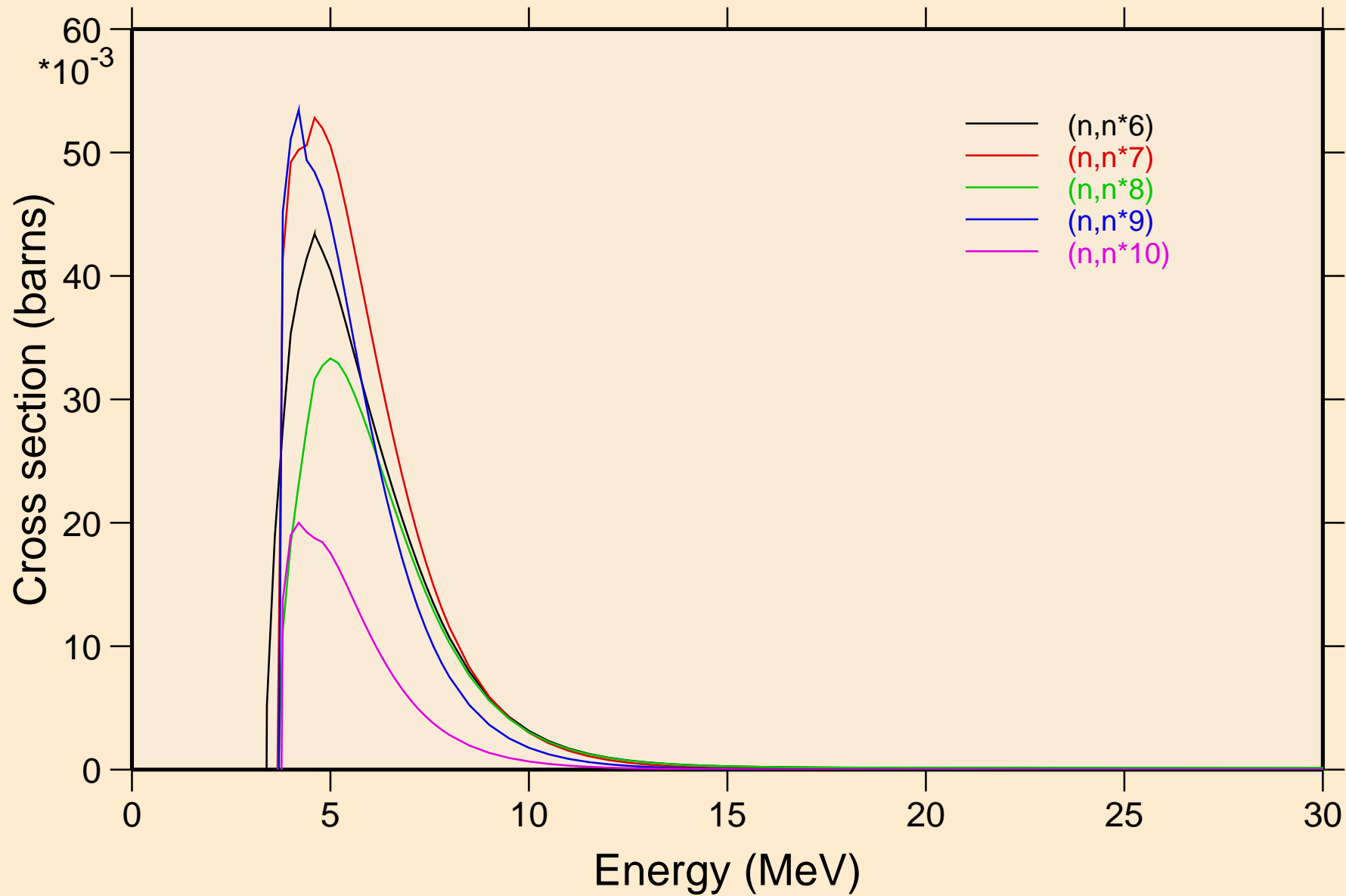
# CR050 NRG TENDL-2015, AKONING

## Inelastic levels



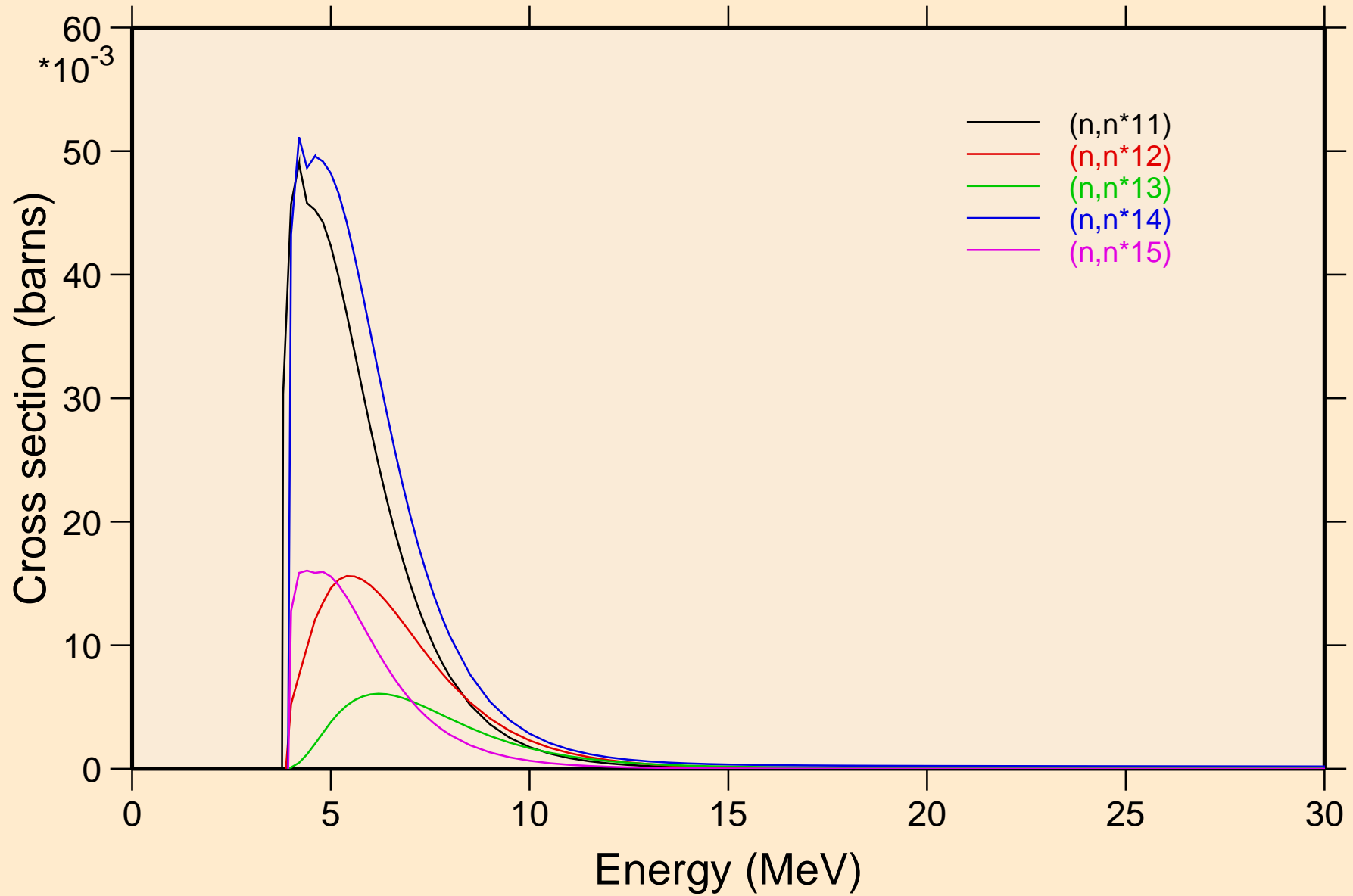
# CR050 NRG TENDL-2015, AKONING

## Inelastic levels



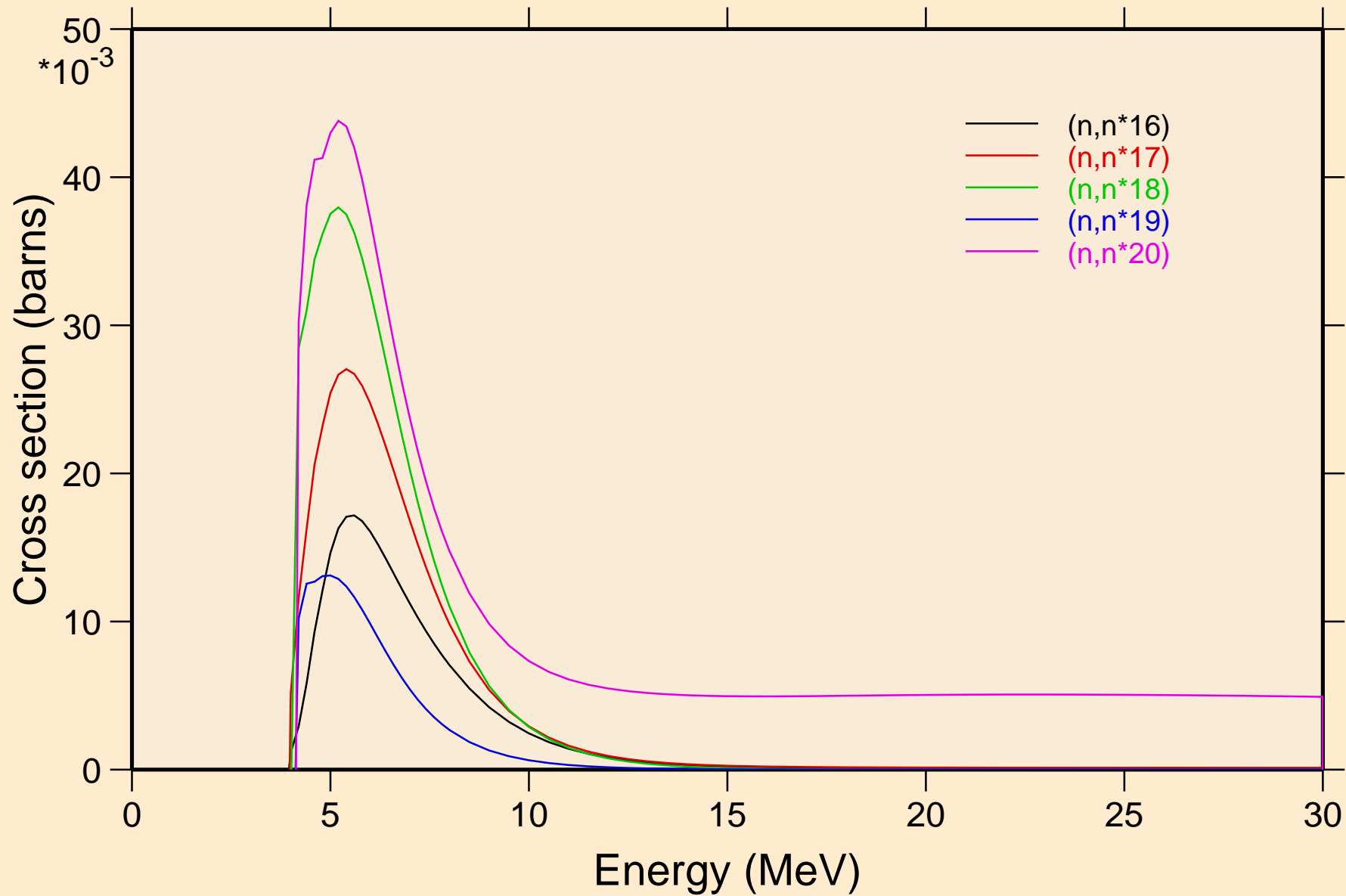
# CR050 NRG TENDL-2015, AKONING

## Inelastic levels



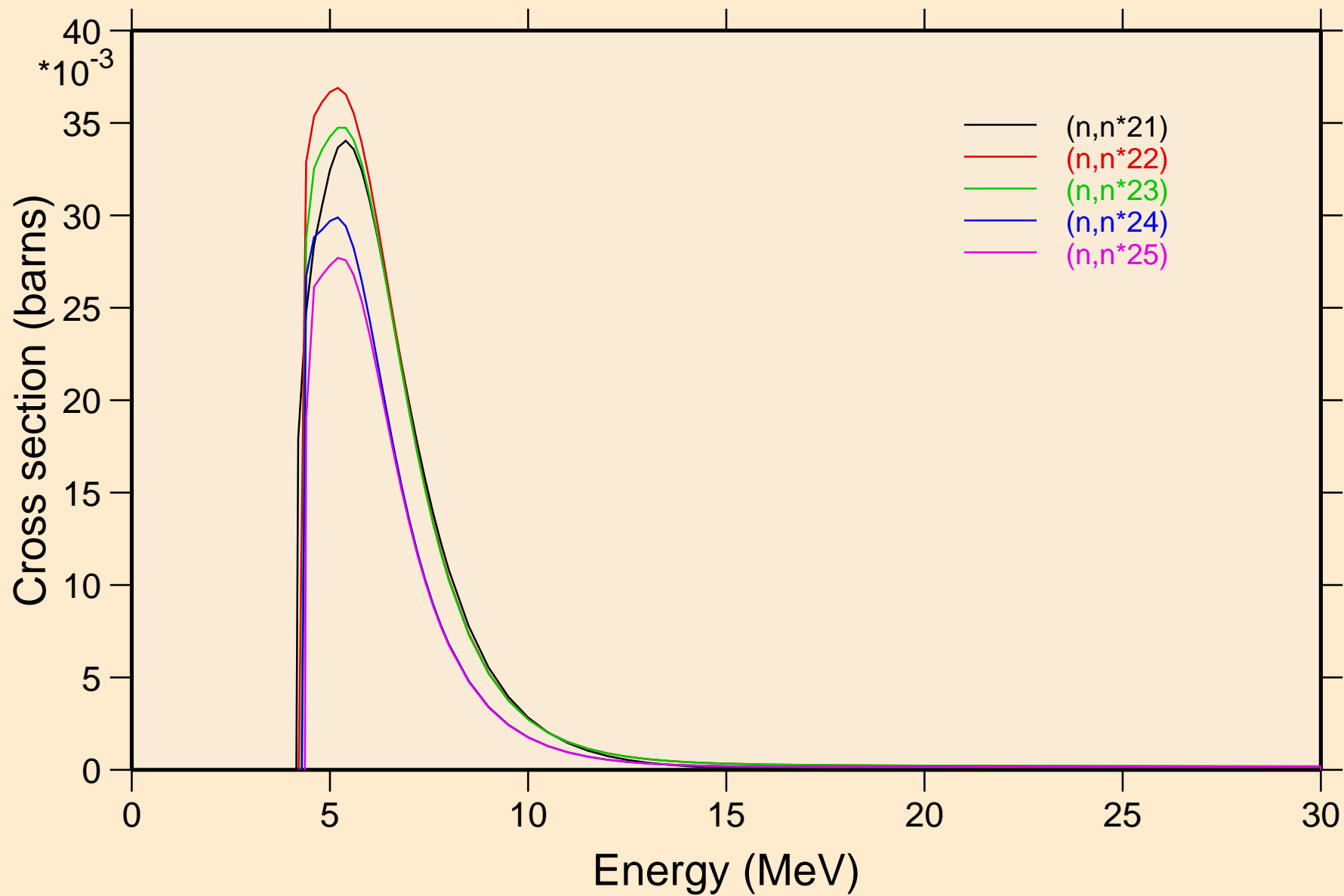
# CR050 NRG TENDL-2015, AKONING

## Inelastic levels



# CR050 NRG TENDL-2015, AKONING

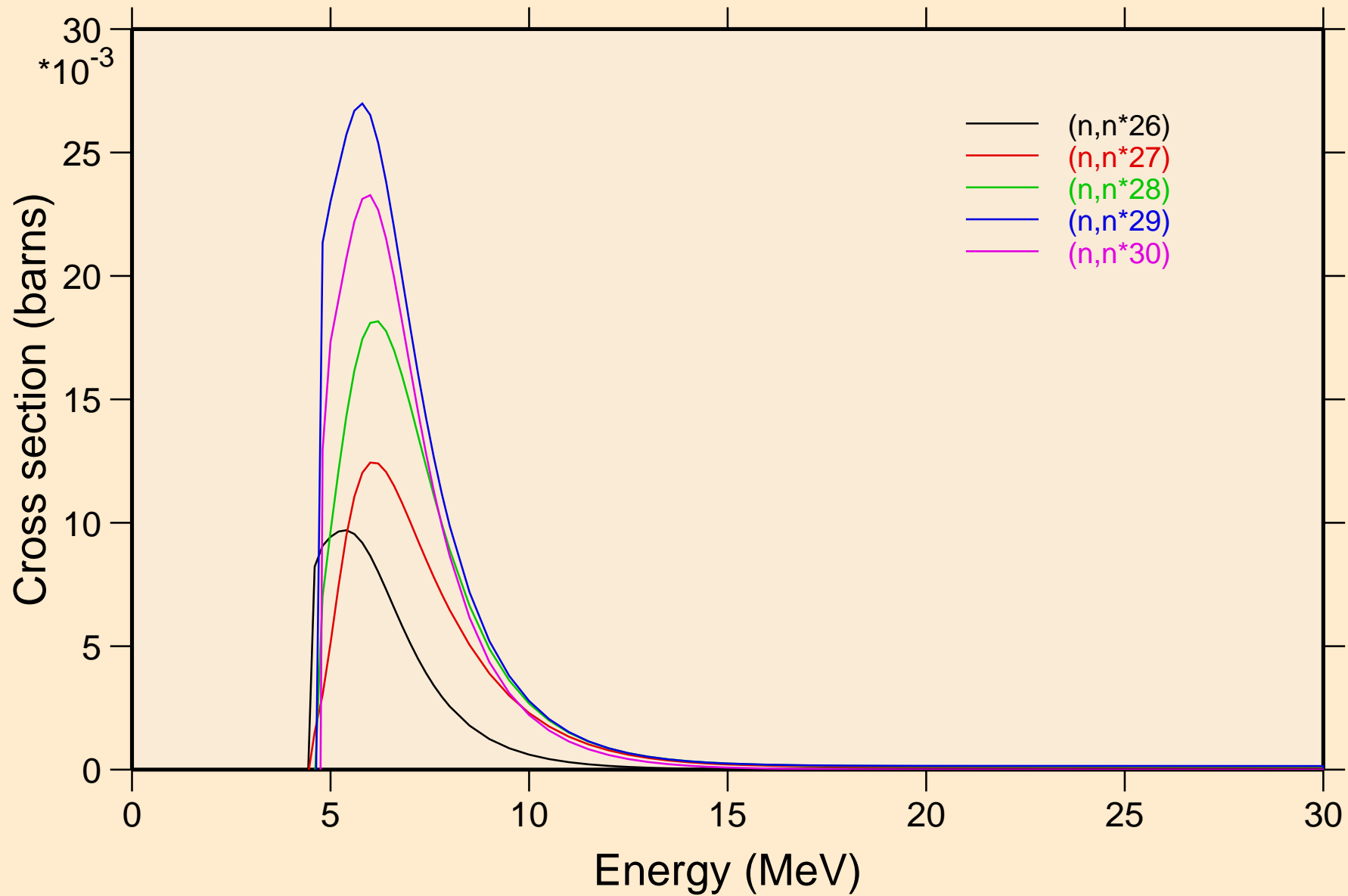
## Inelastic levels





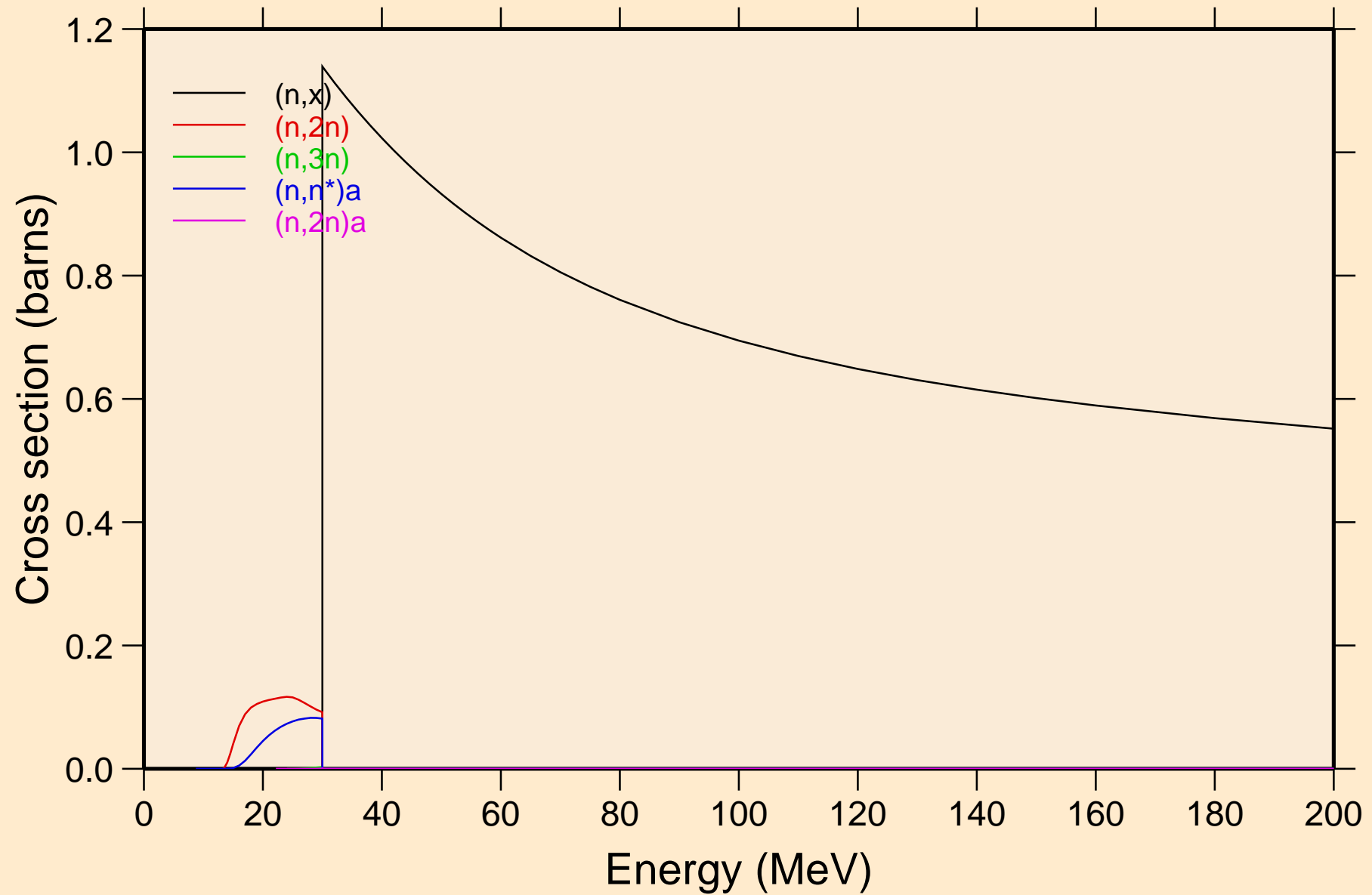
# CR050 NRG TENDL-2015, AKONING

## Inelastic levels



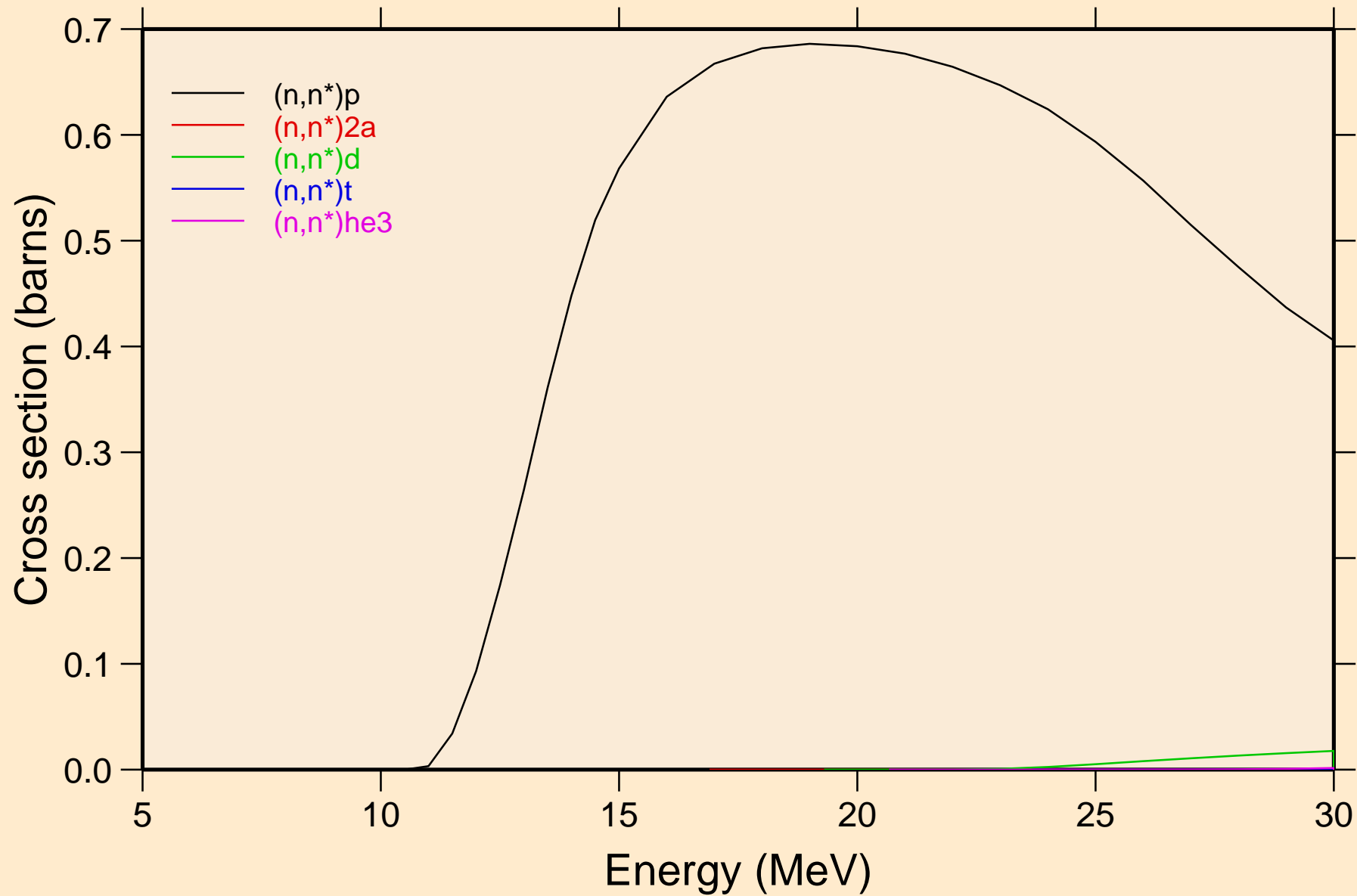
# CR050 NRG TENDL-2015, AKONING

## Threshold reactions



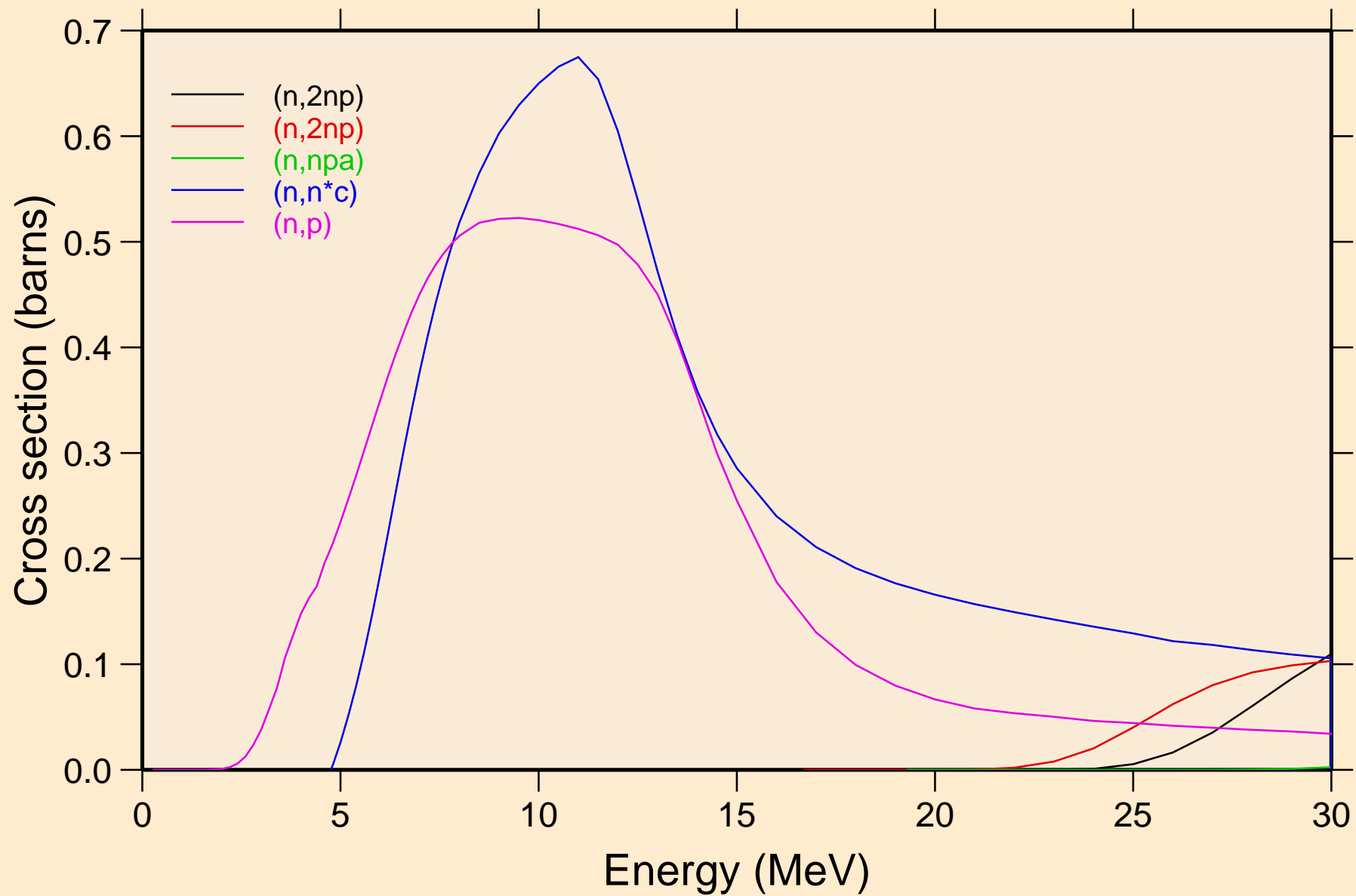
# CR050 NRG TENDL-2015, AKONING

## Threshold reactions



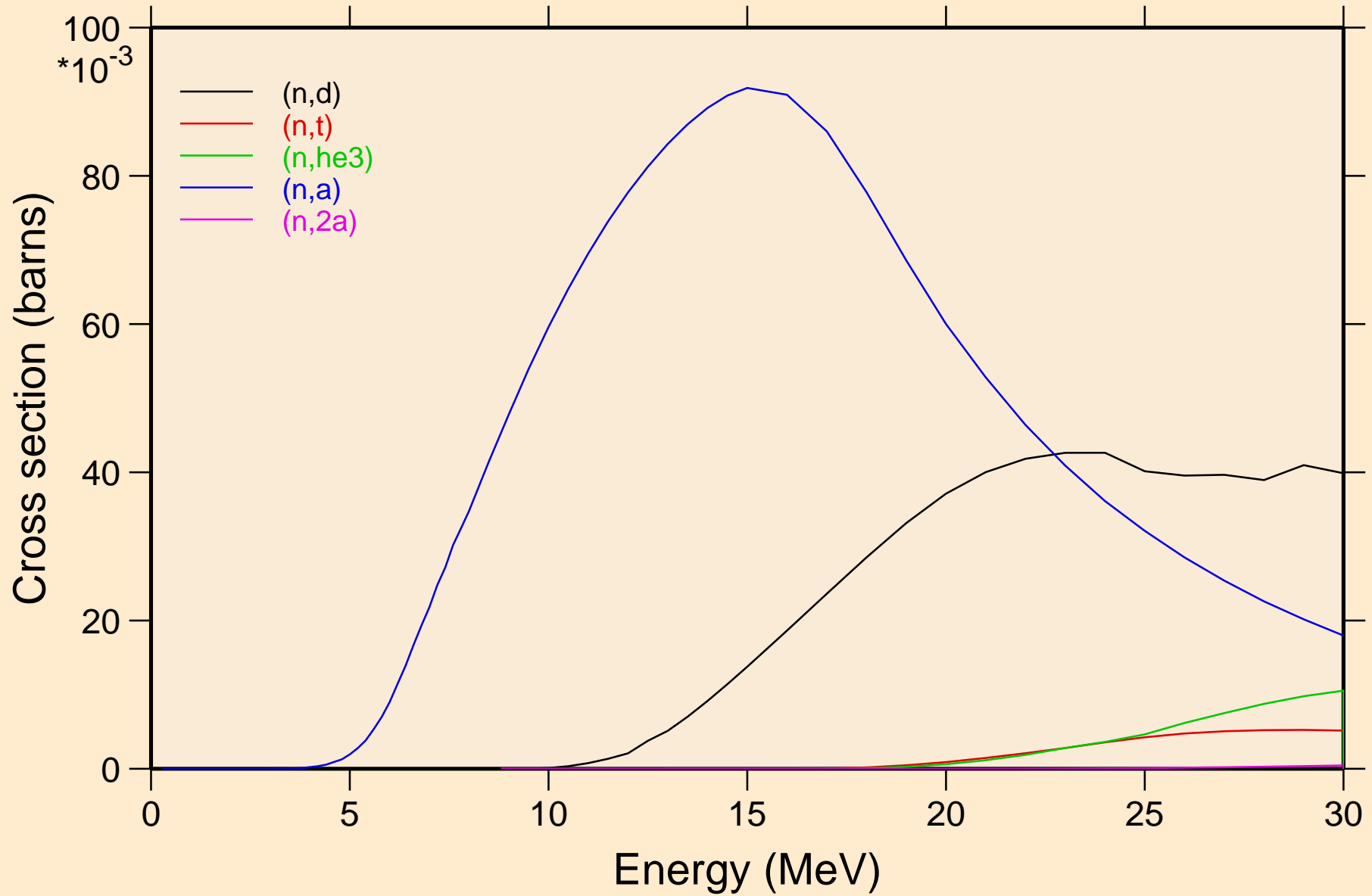
# CR050 NRG TENDL-2015, AKONING

## Threshold reactions



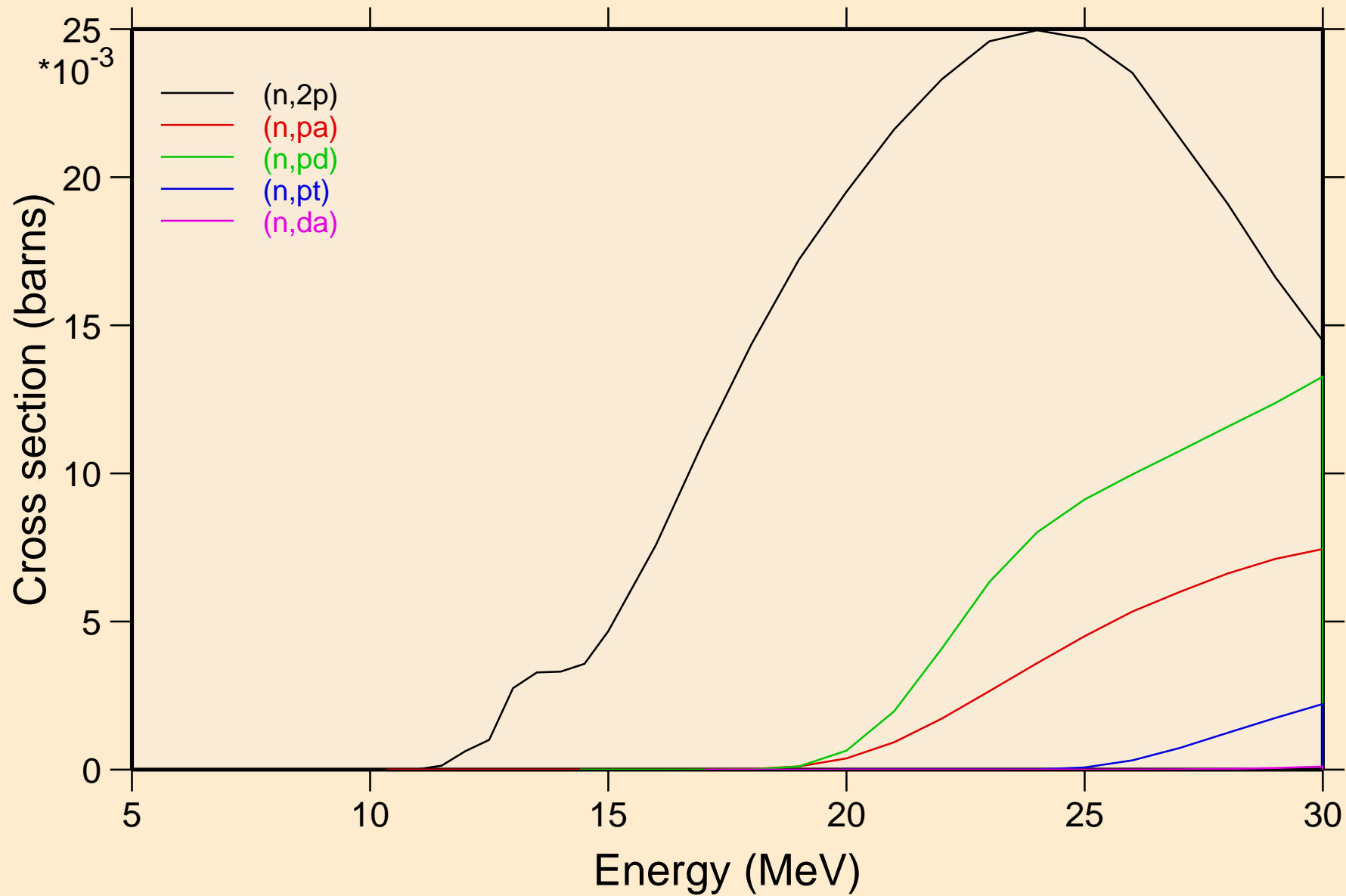
# CR050 NRG TENDL-2015, AKONING

## Threshold reactions

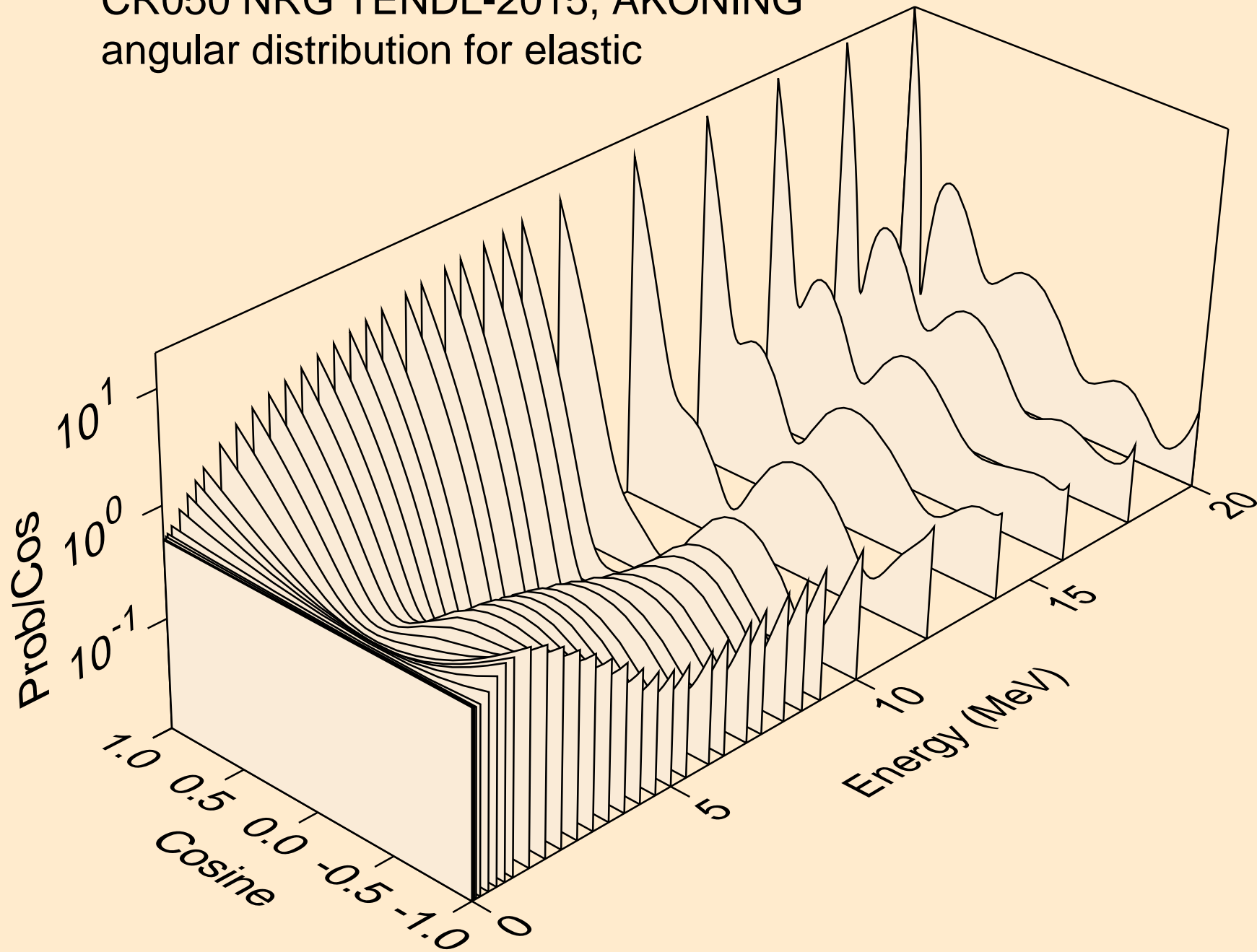


# CR050 NRG TENDL-2015, AKONING

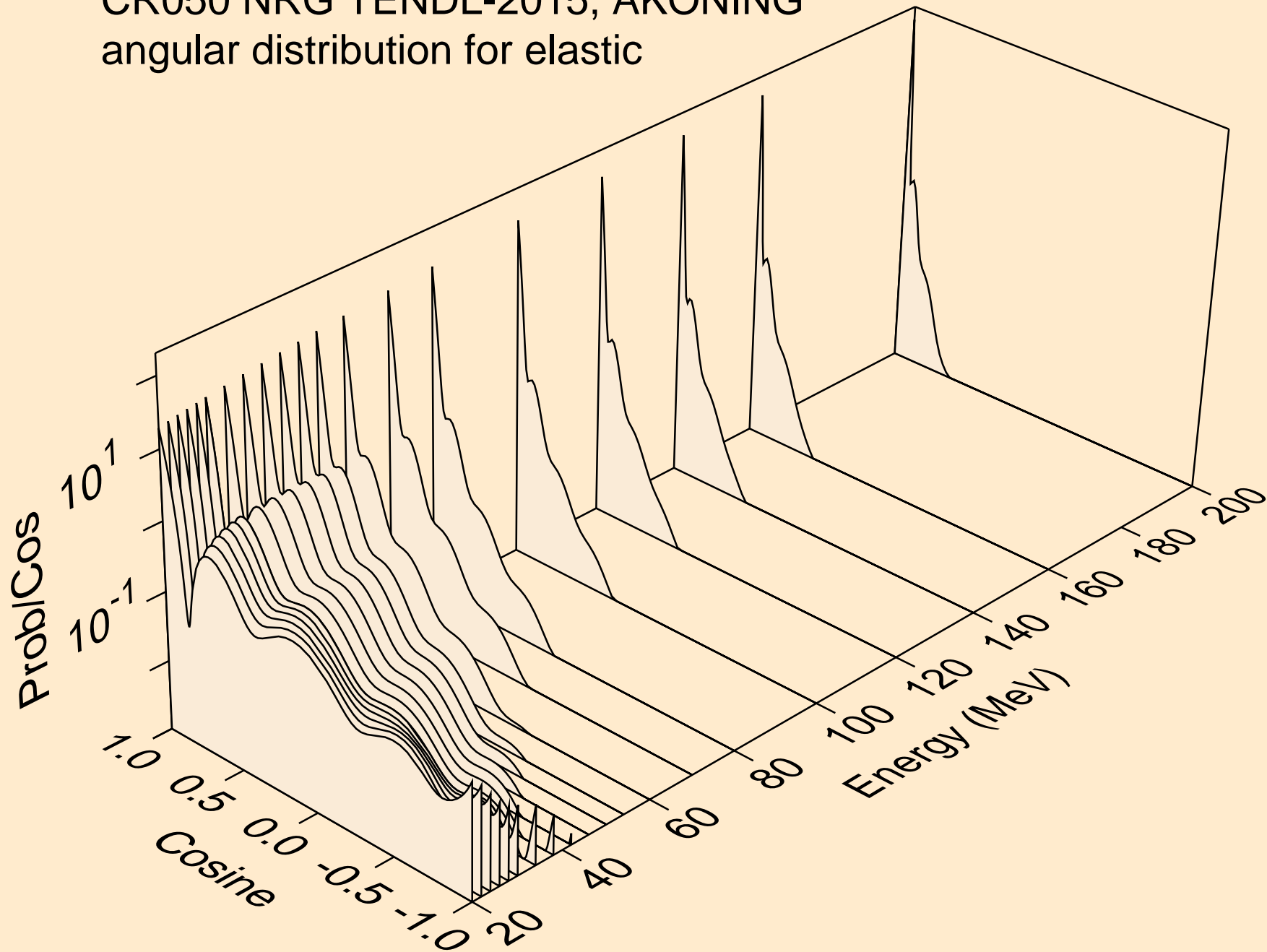
## Threshold reactions



CR050 NRG TENDL-2015, AKONING  
angular distribution for elastic

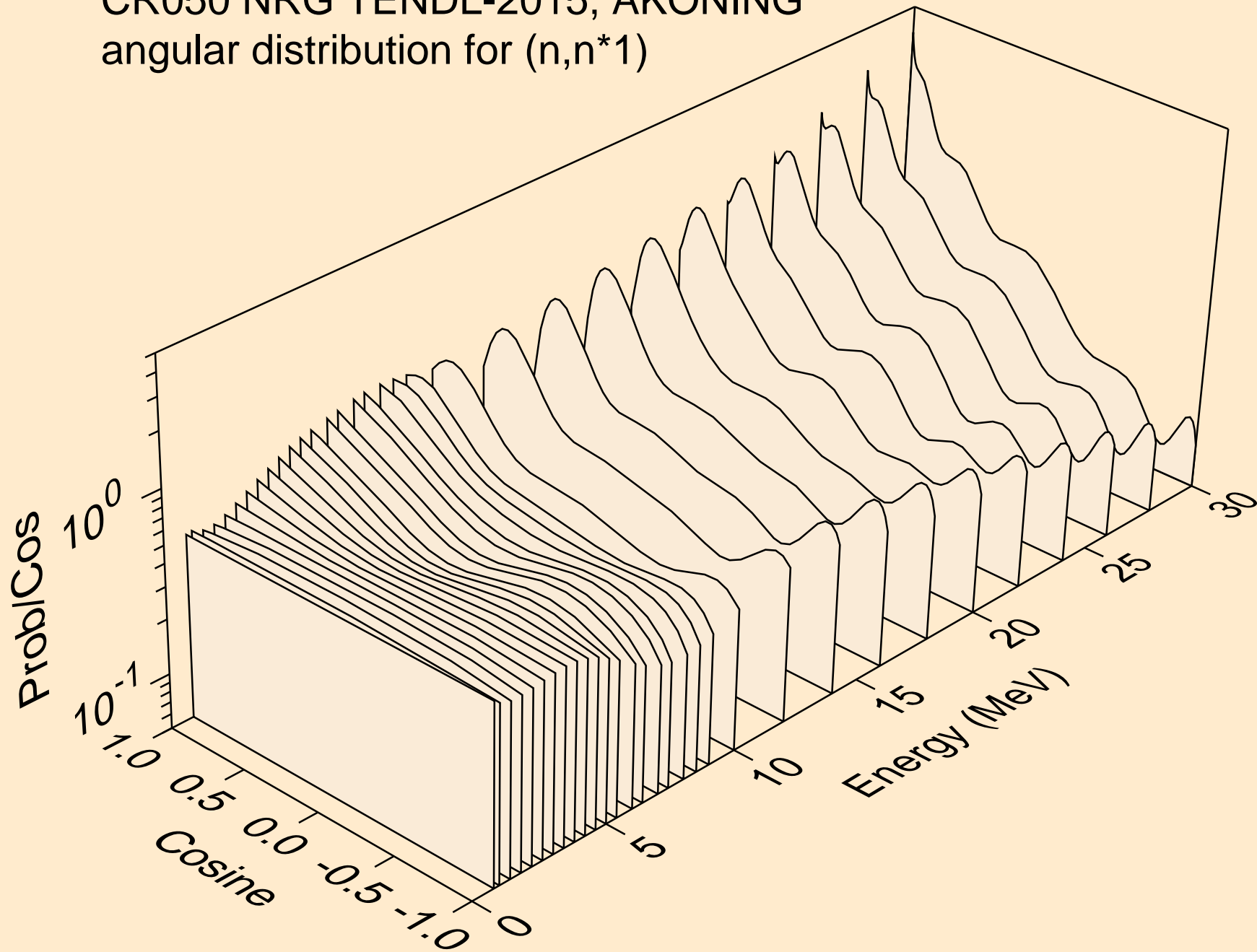


CR050 NRG TENDL-2015, AKONING  
angular distribution for elastic

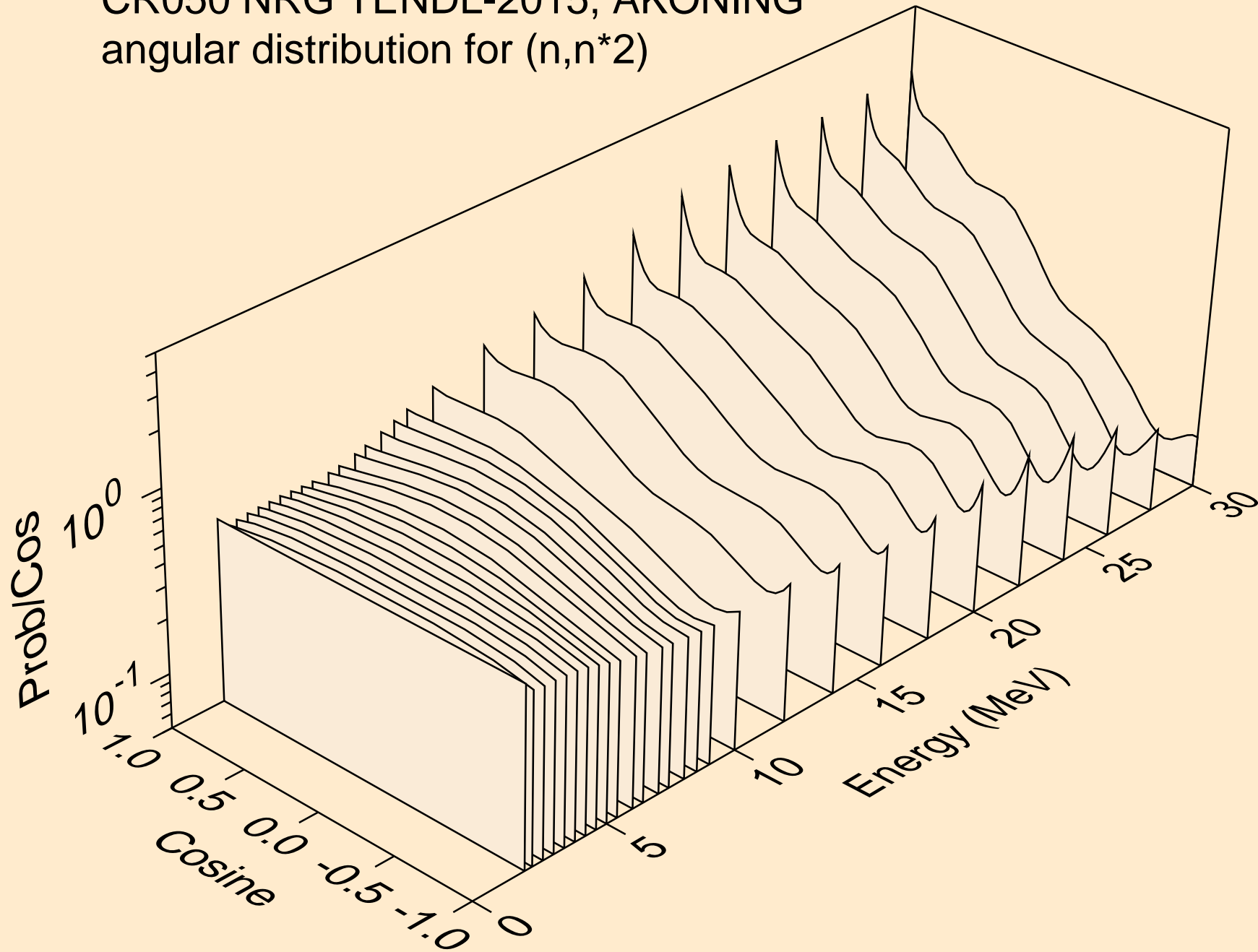




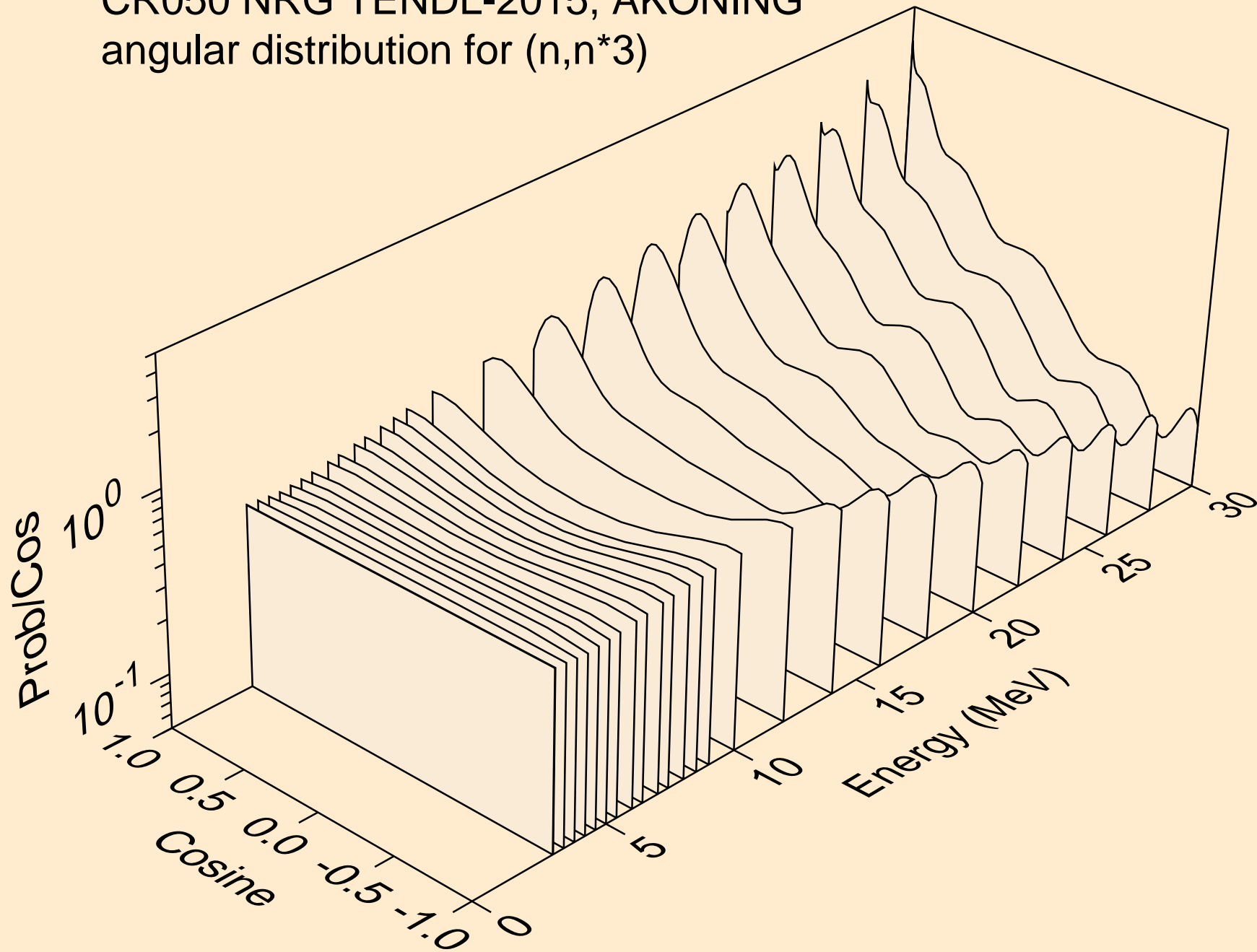
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



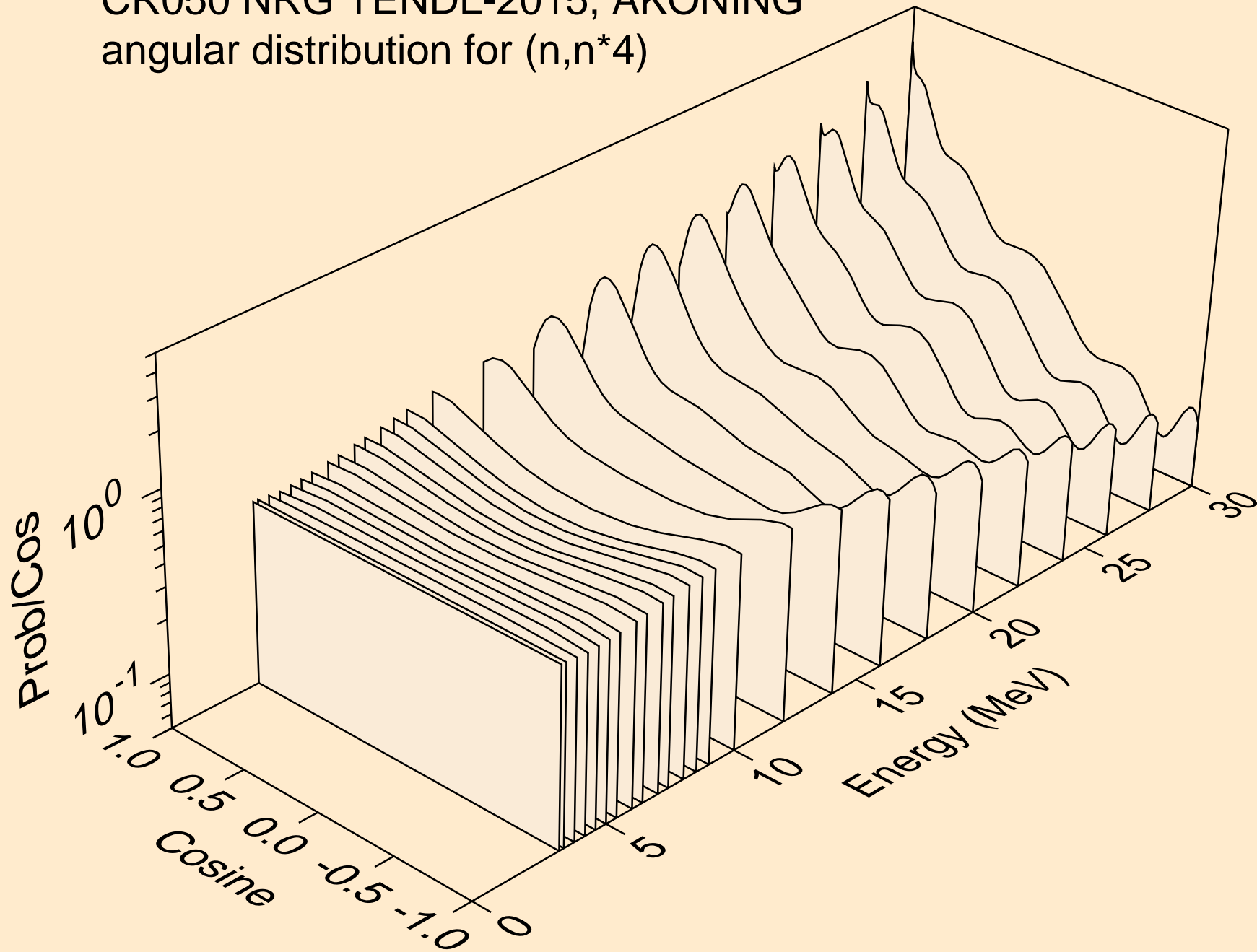
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



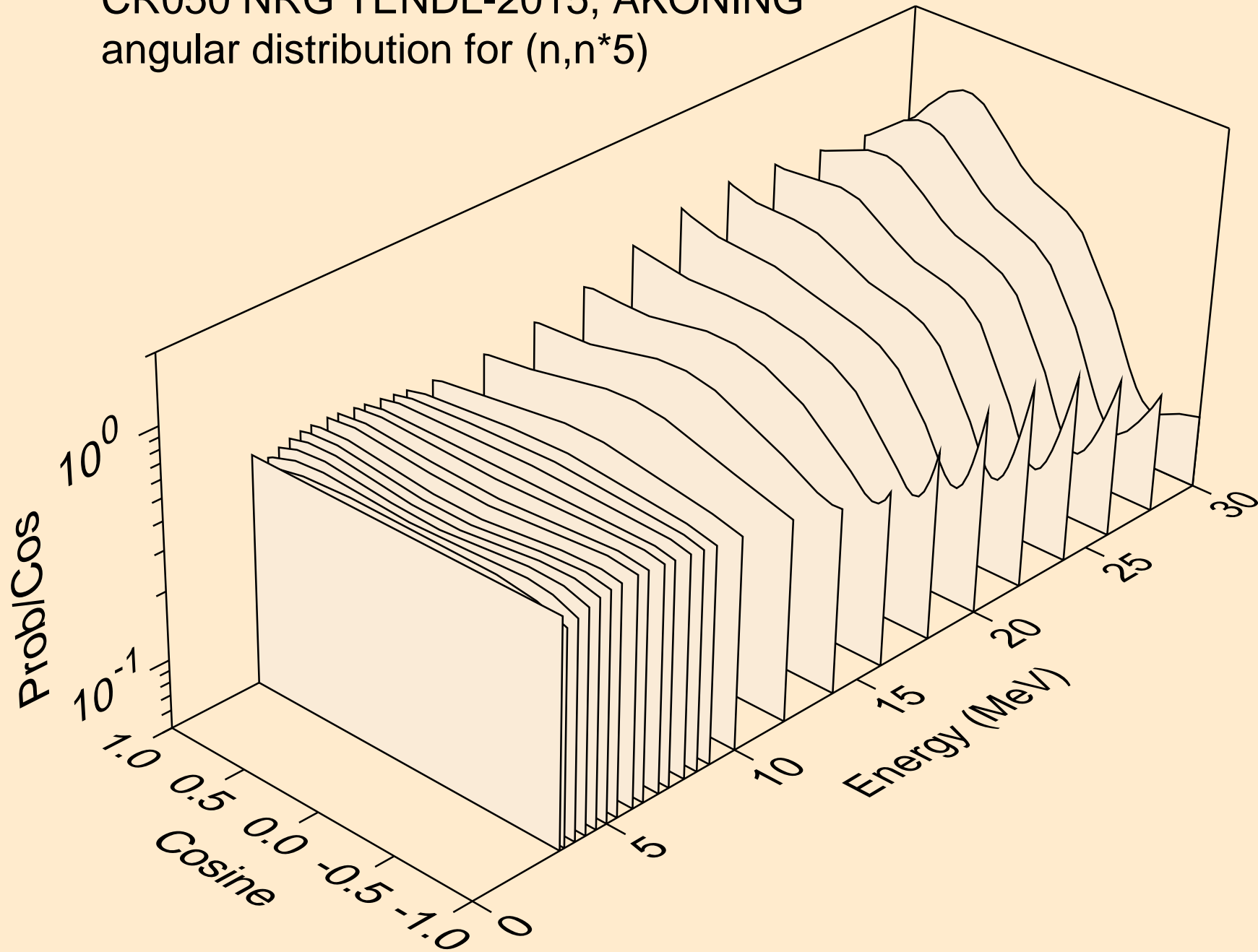
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



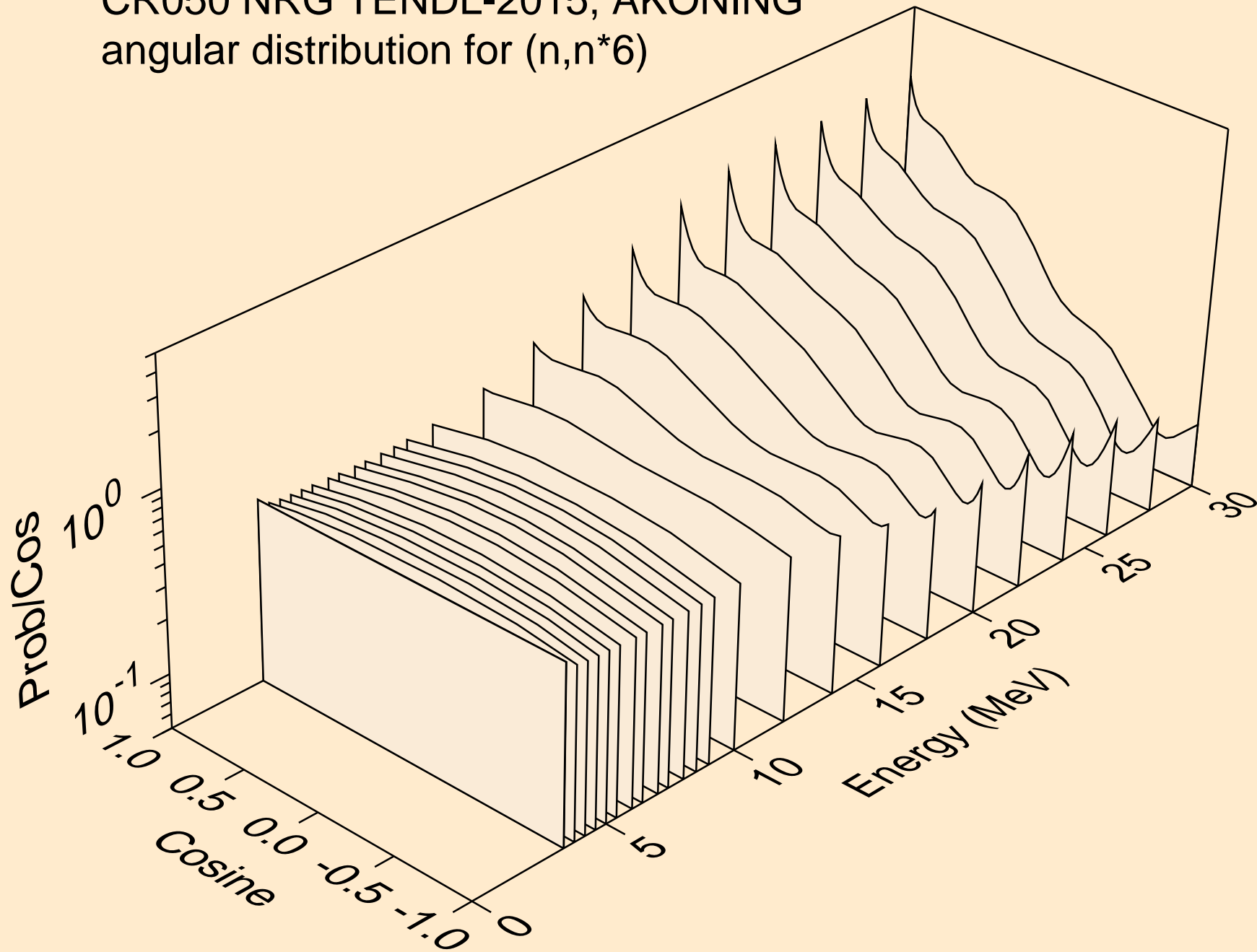
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



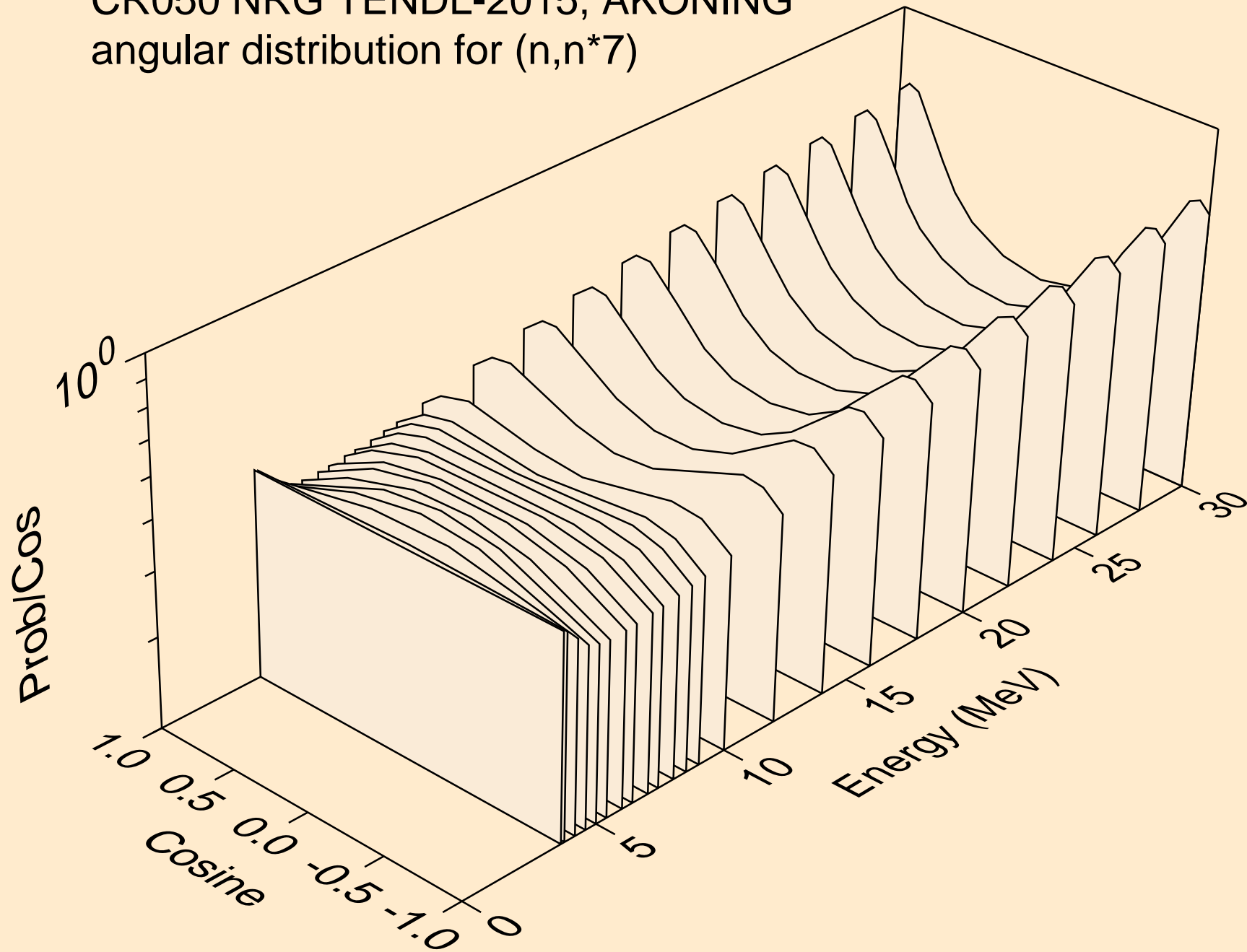
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



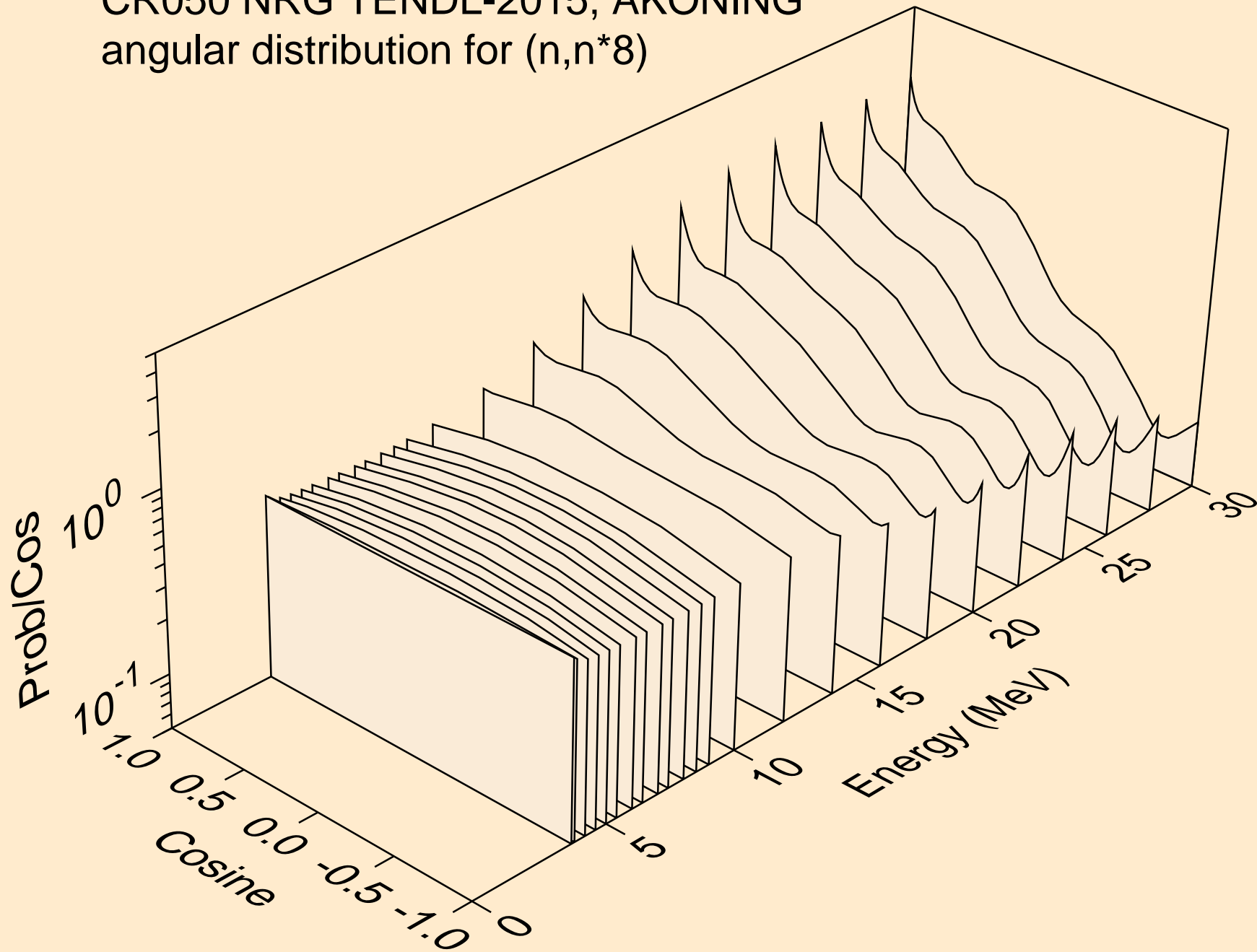
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

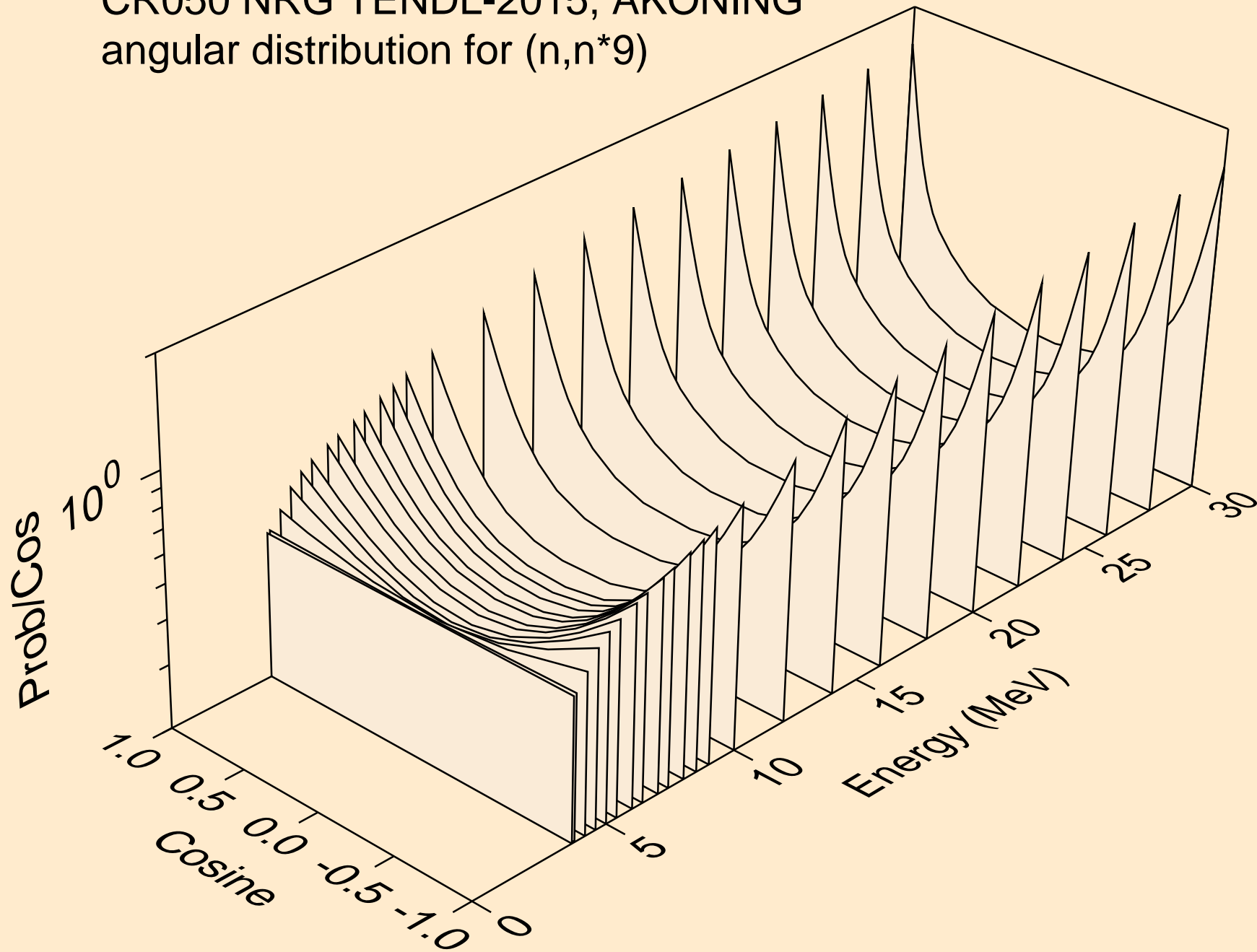


CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

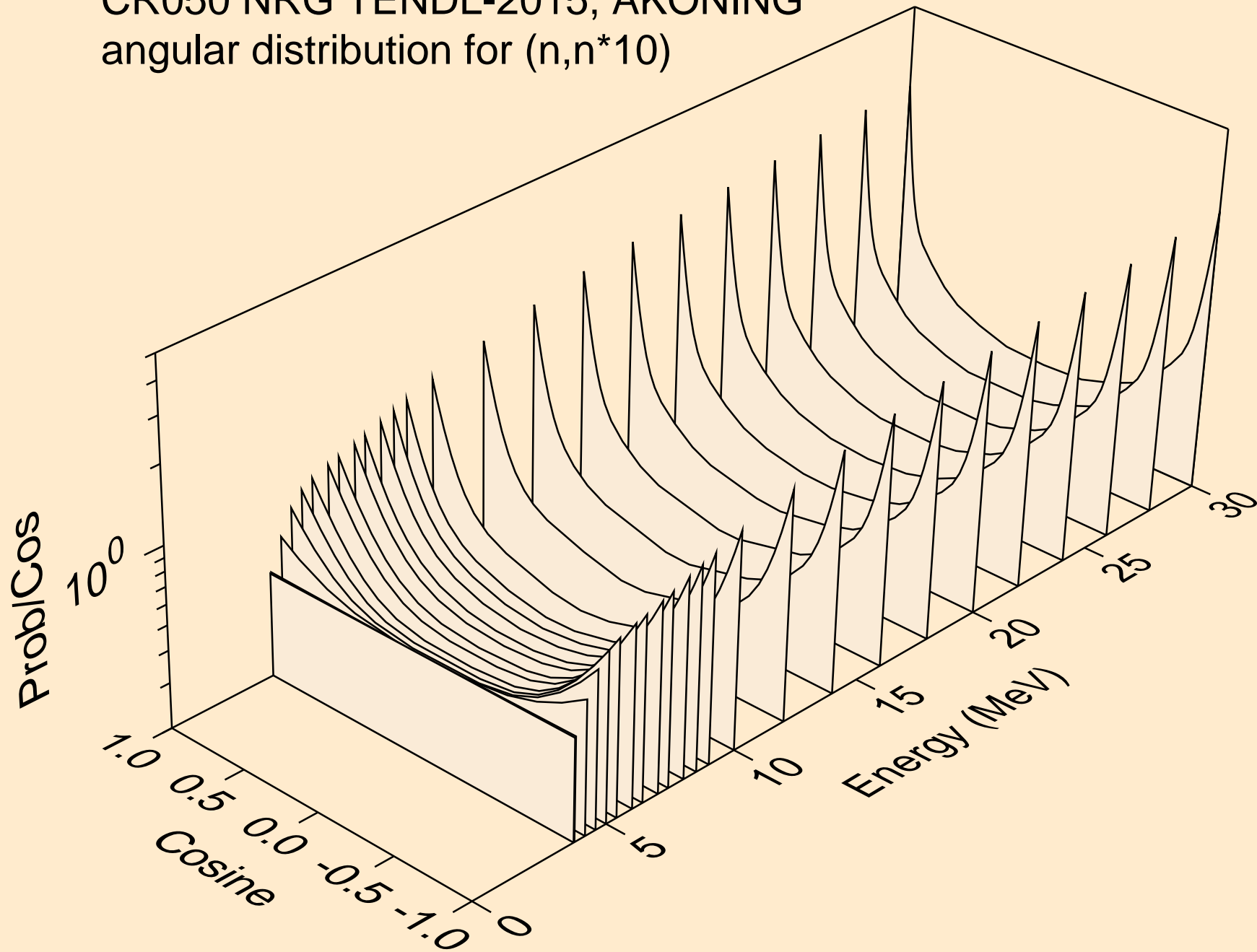




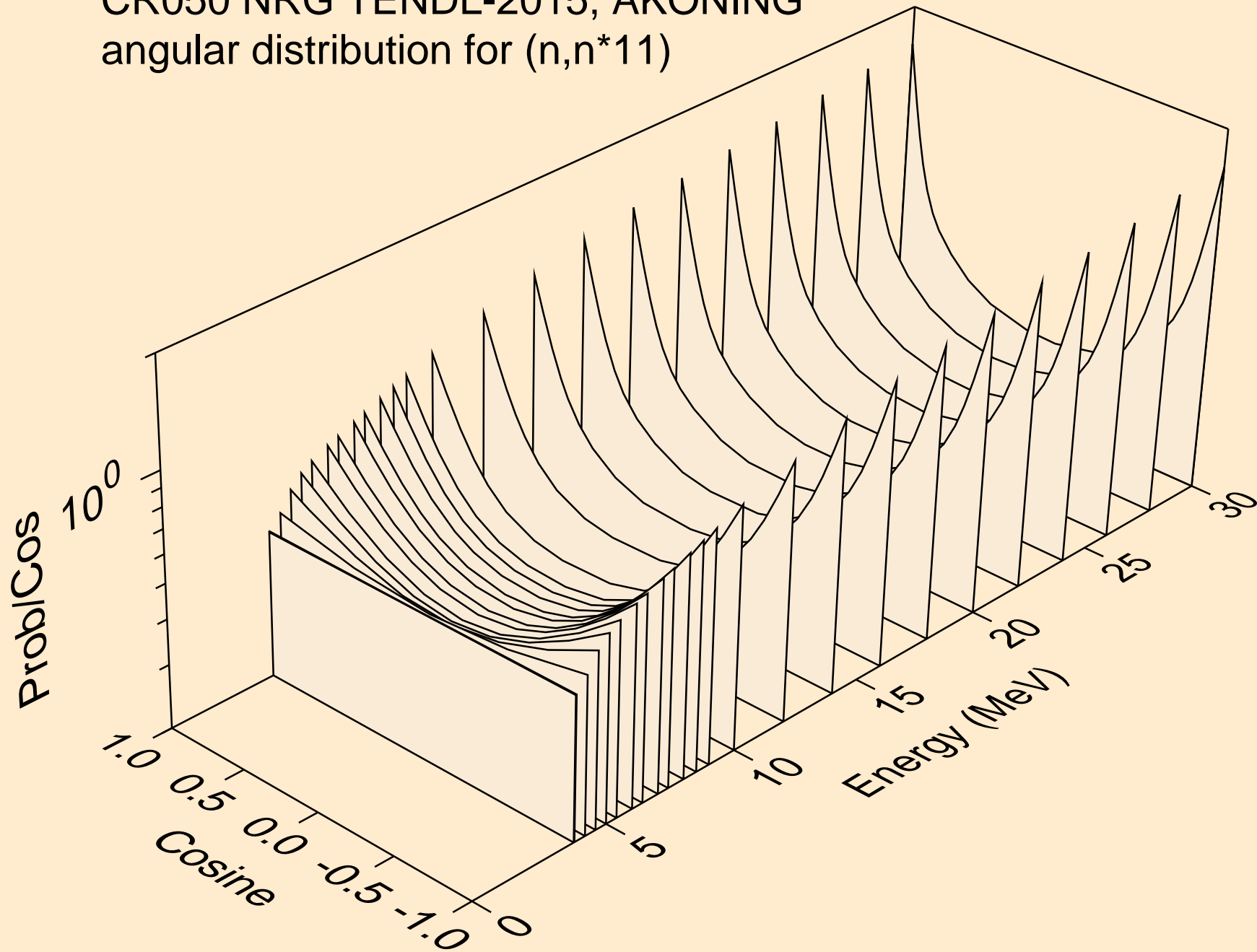
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angular distribution for (n,n\*9)



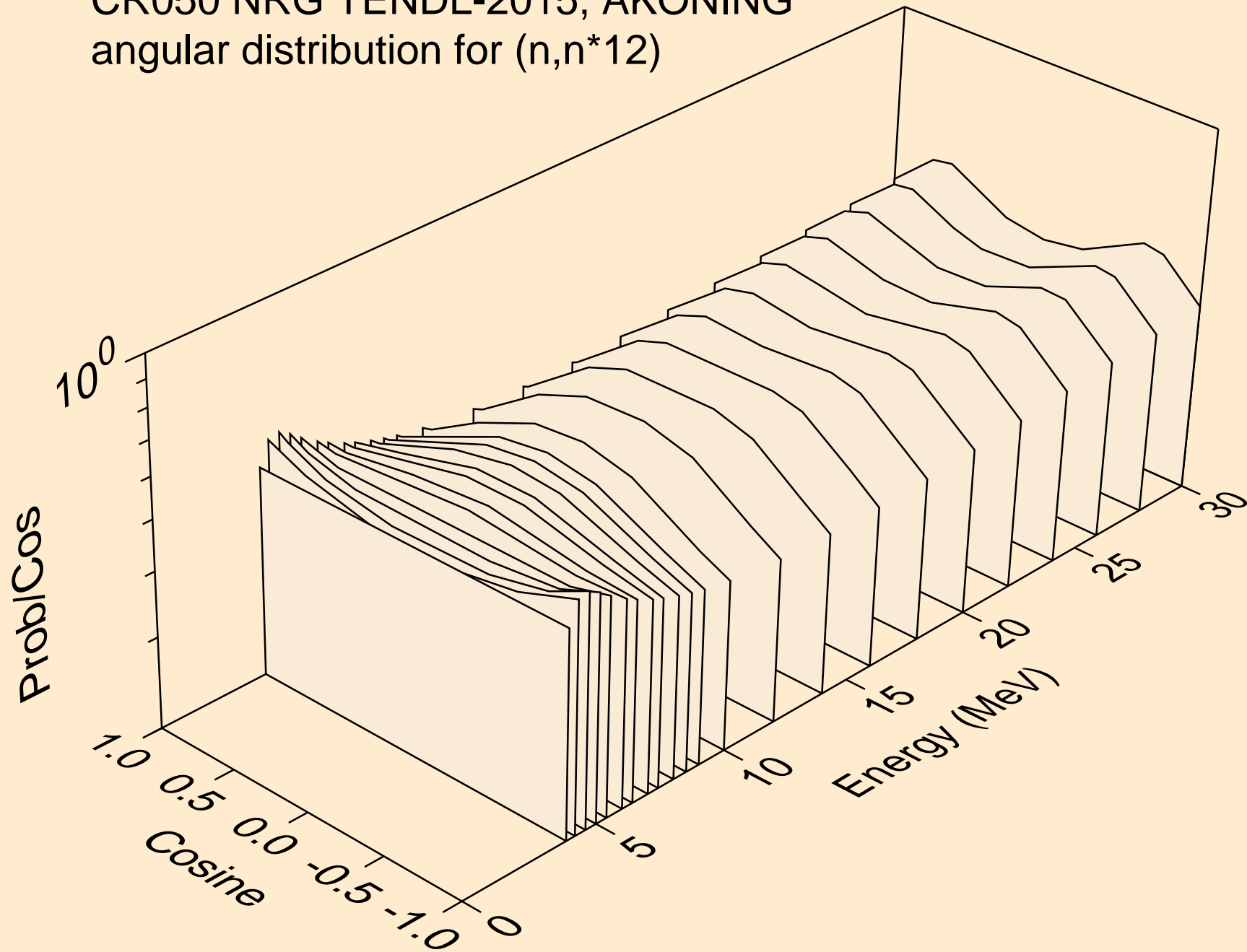
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angular distribution for (n,n\*10)



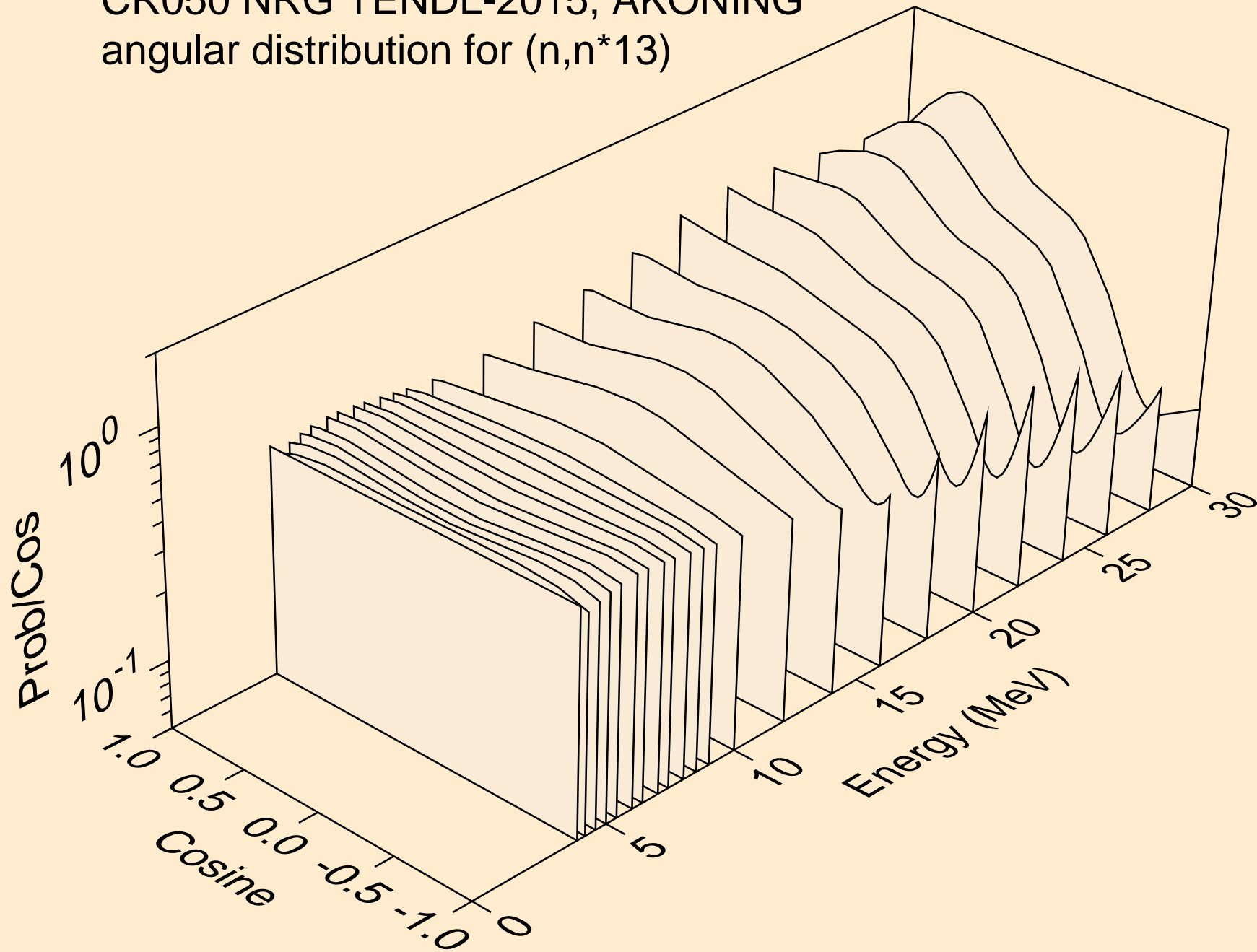
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



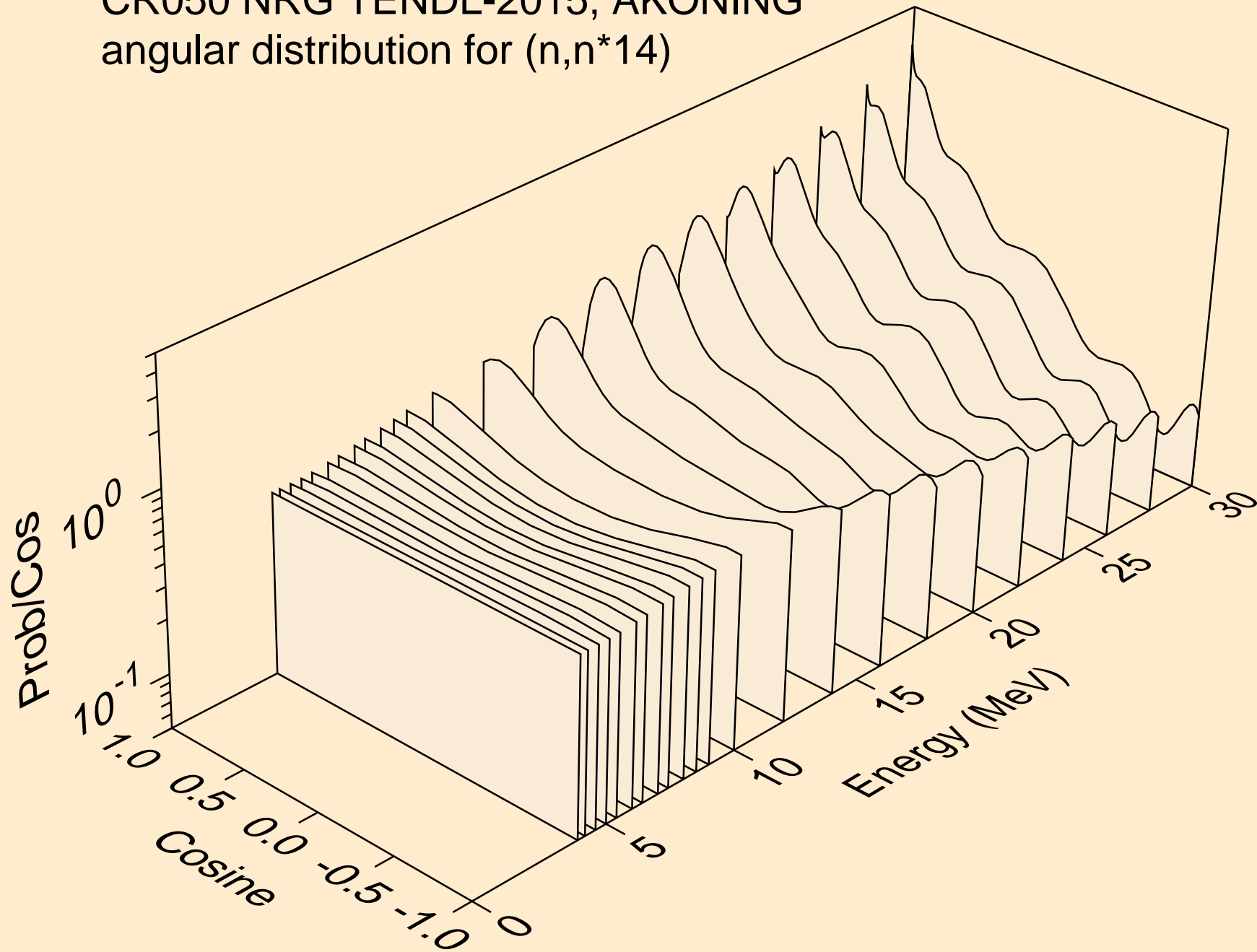
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angular distribution for (n,n\*12)



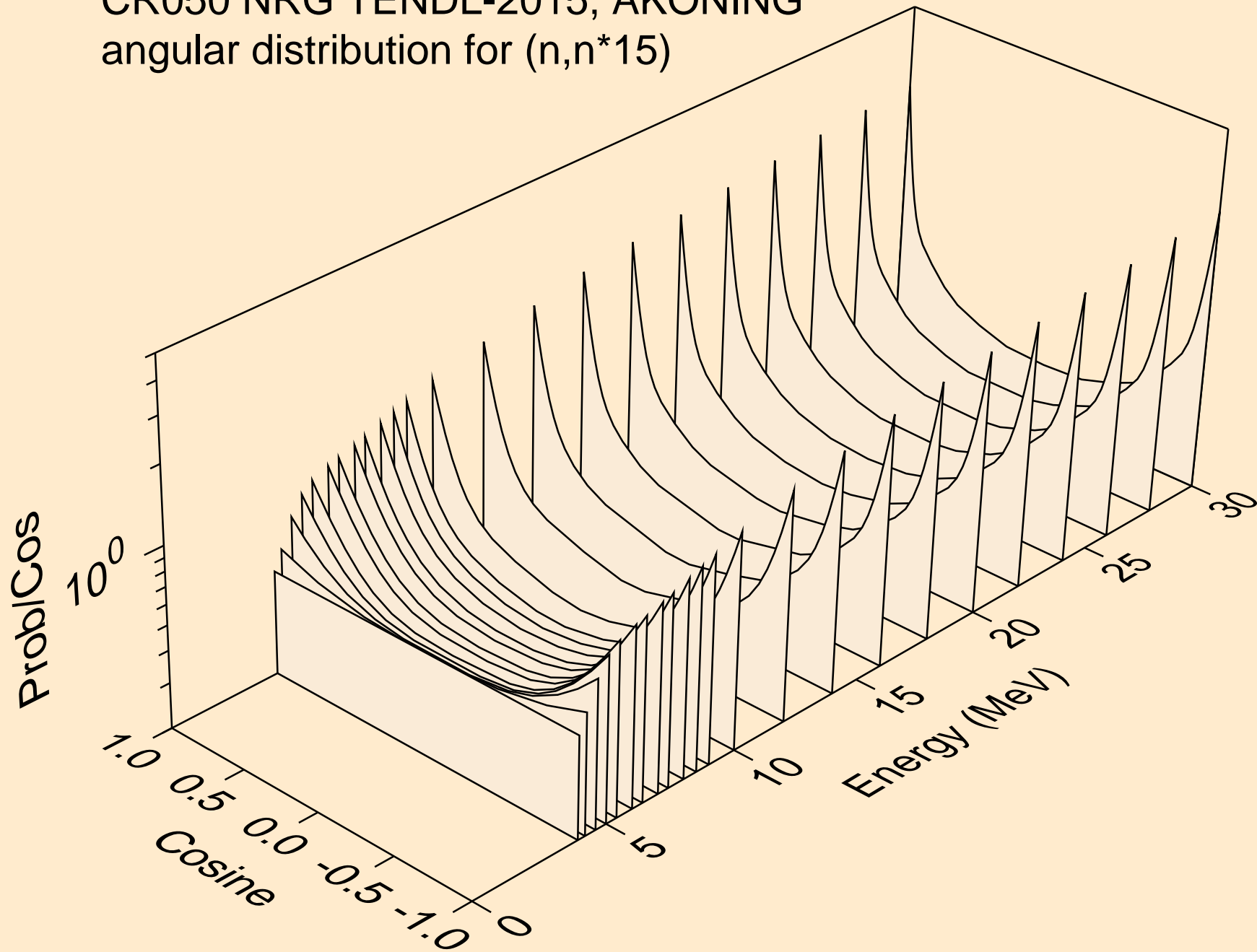
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



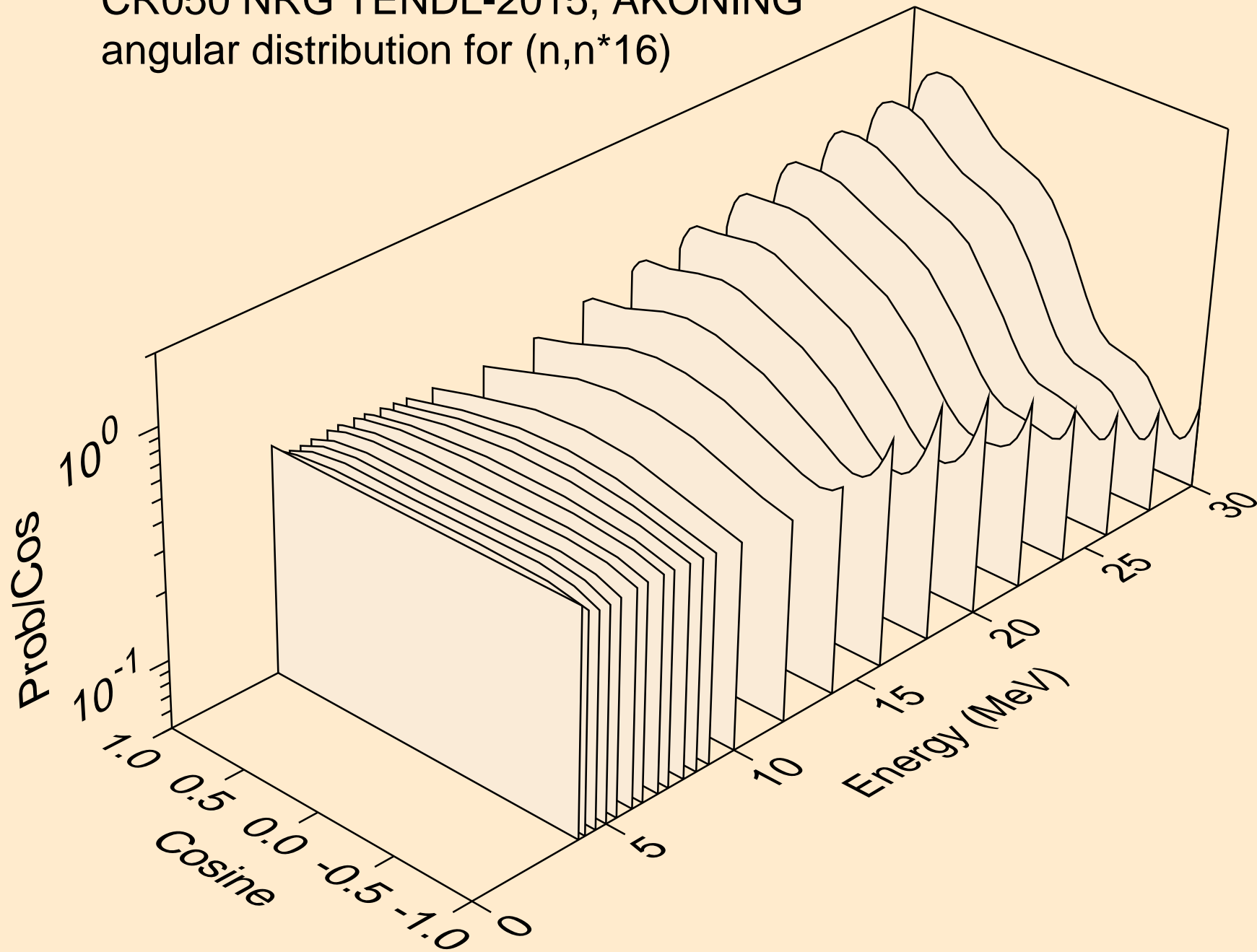
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

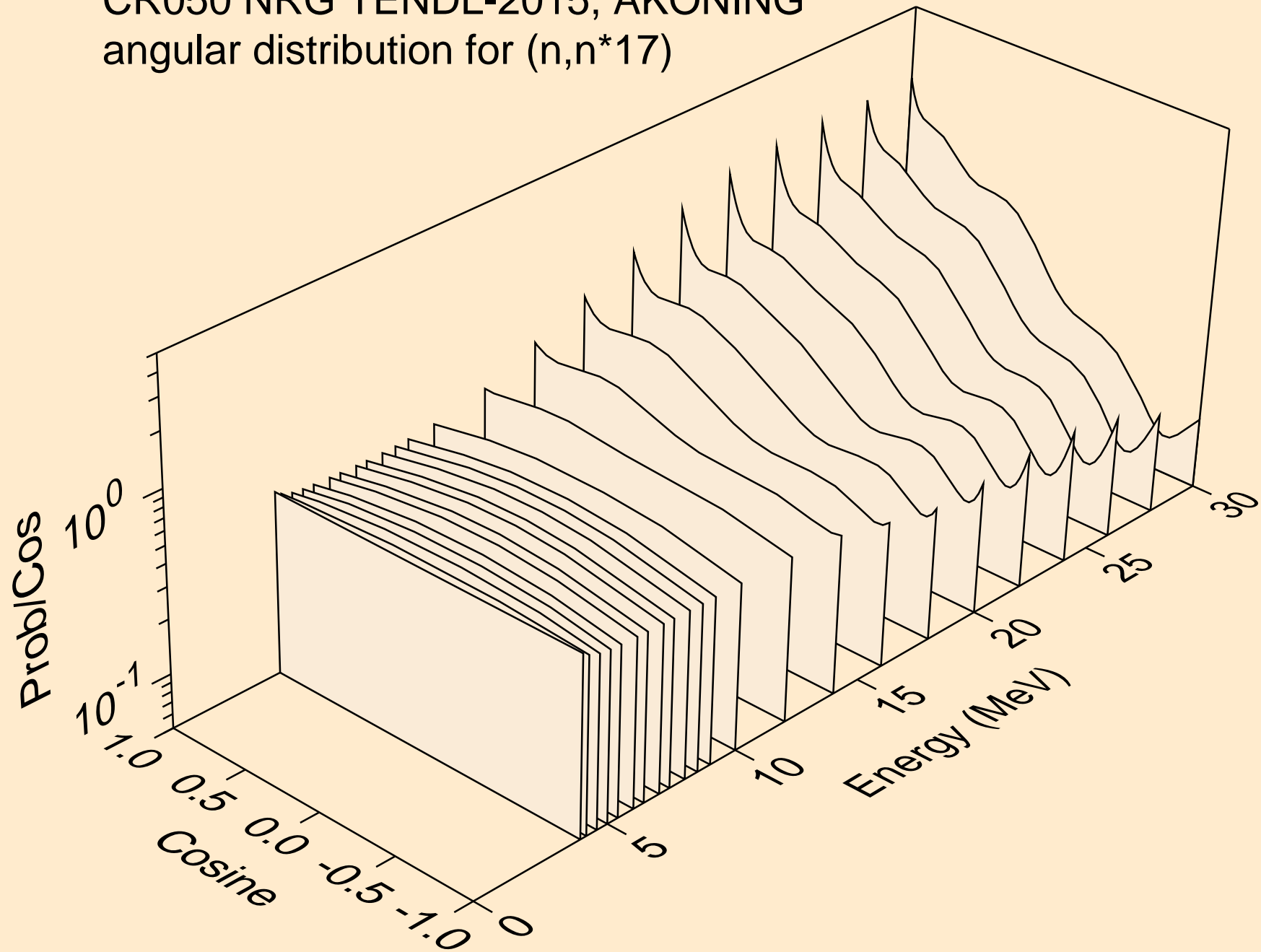


CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

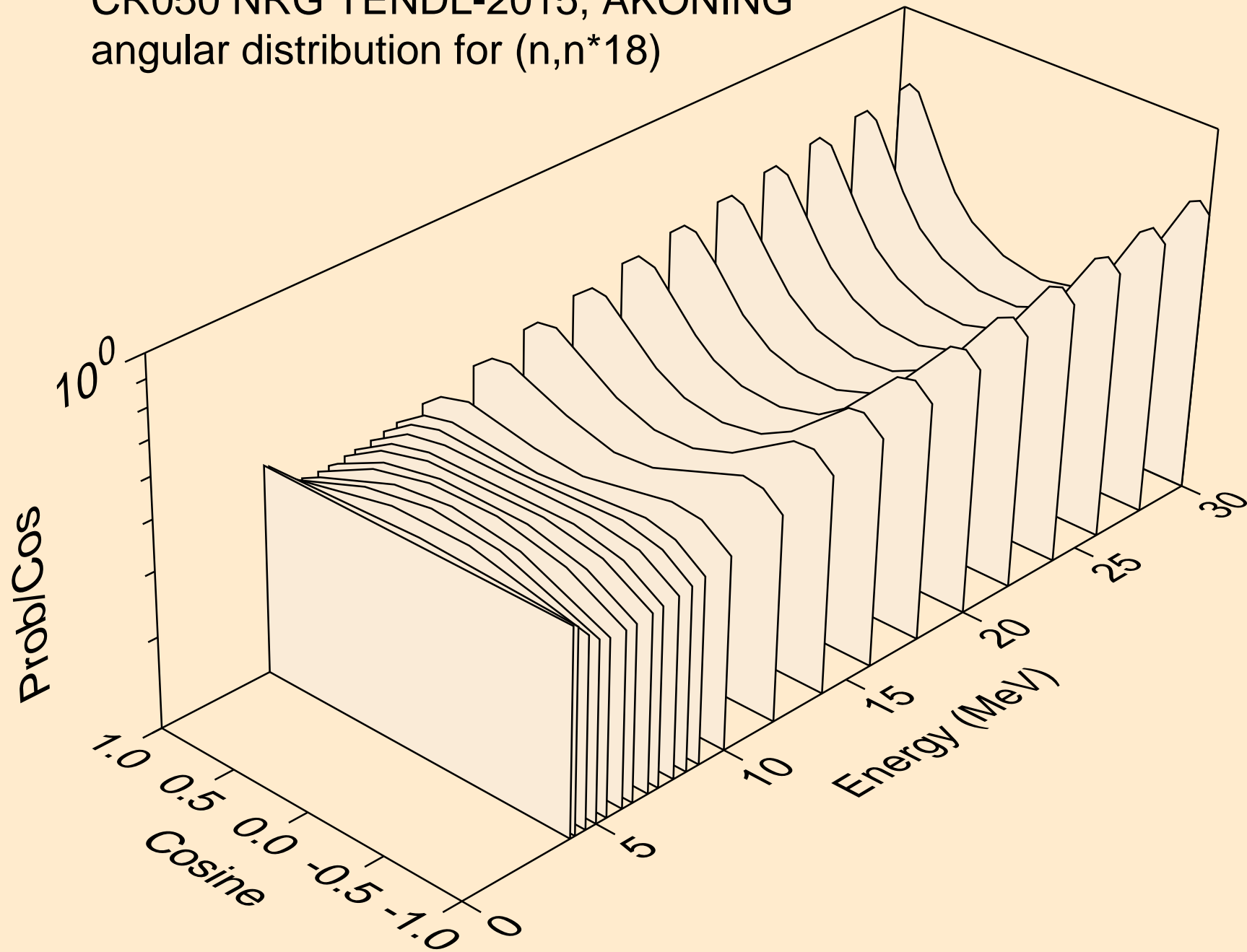




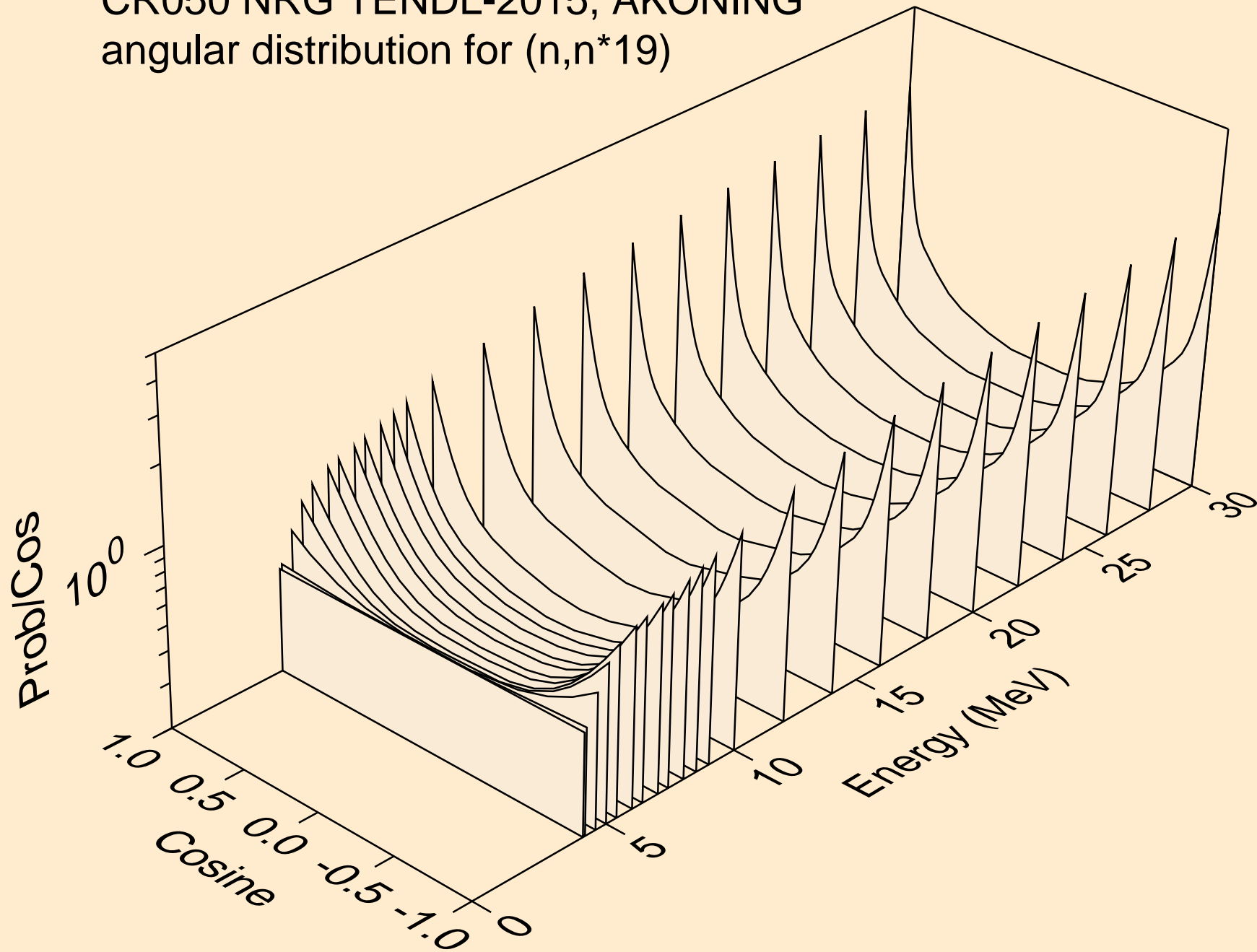
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angular distribution for (n,n\*17)



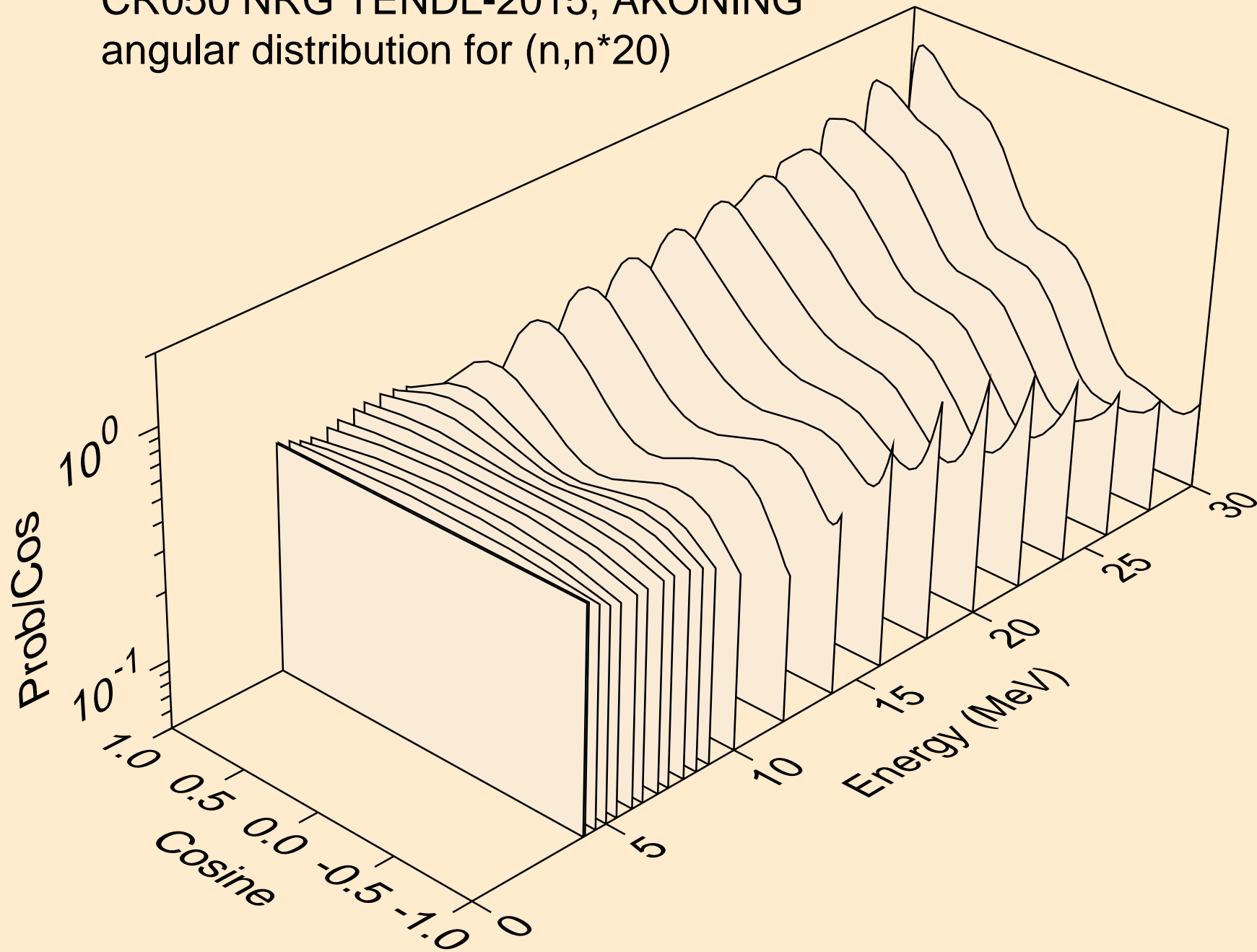
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angular distribution for (n,n\*18)



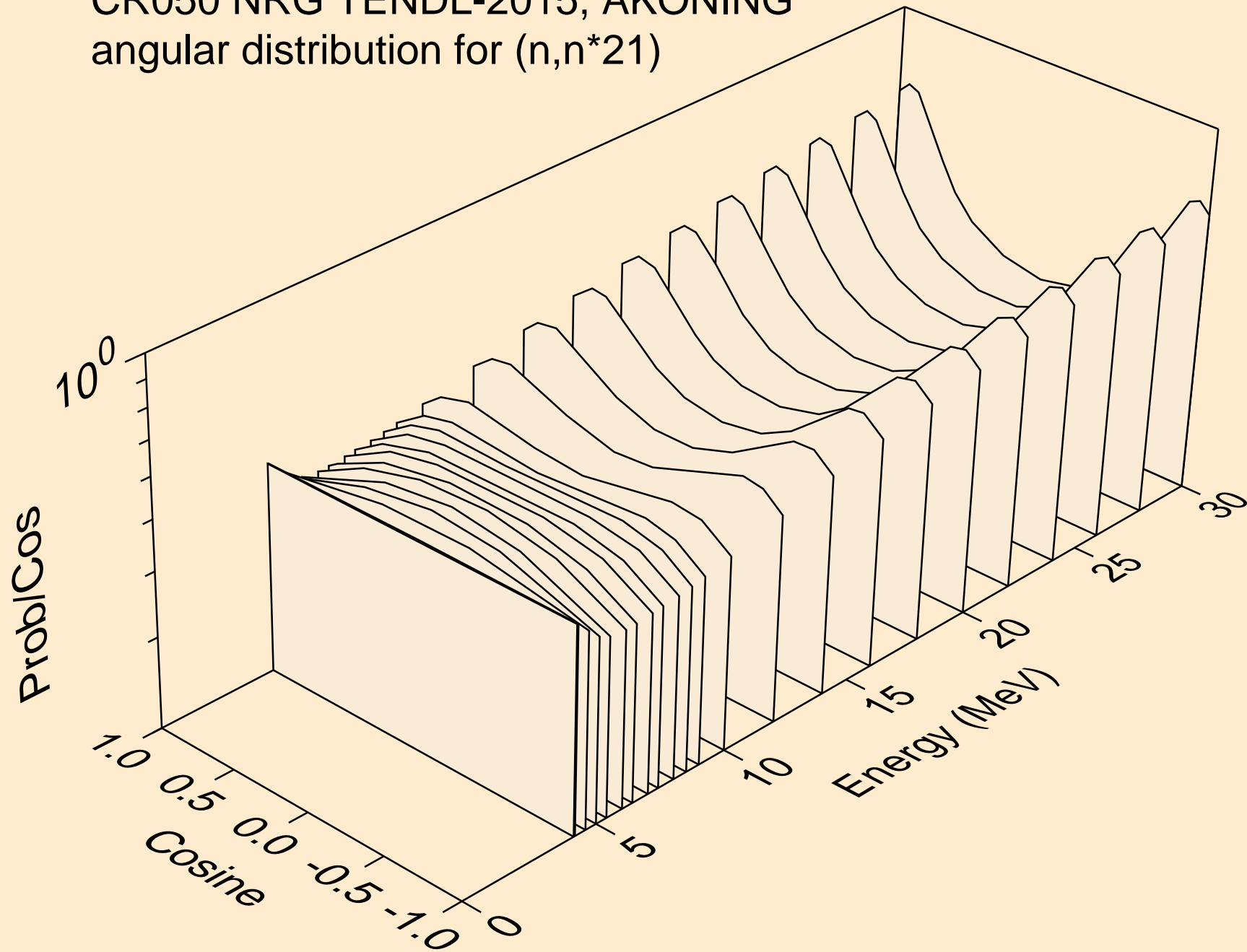
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



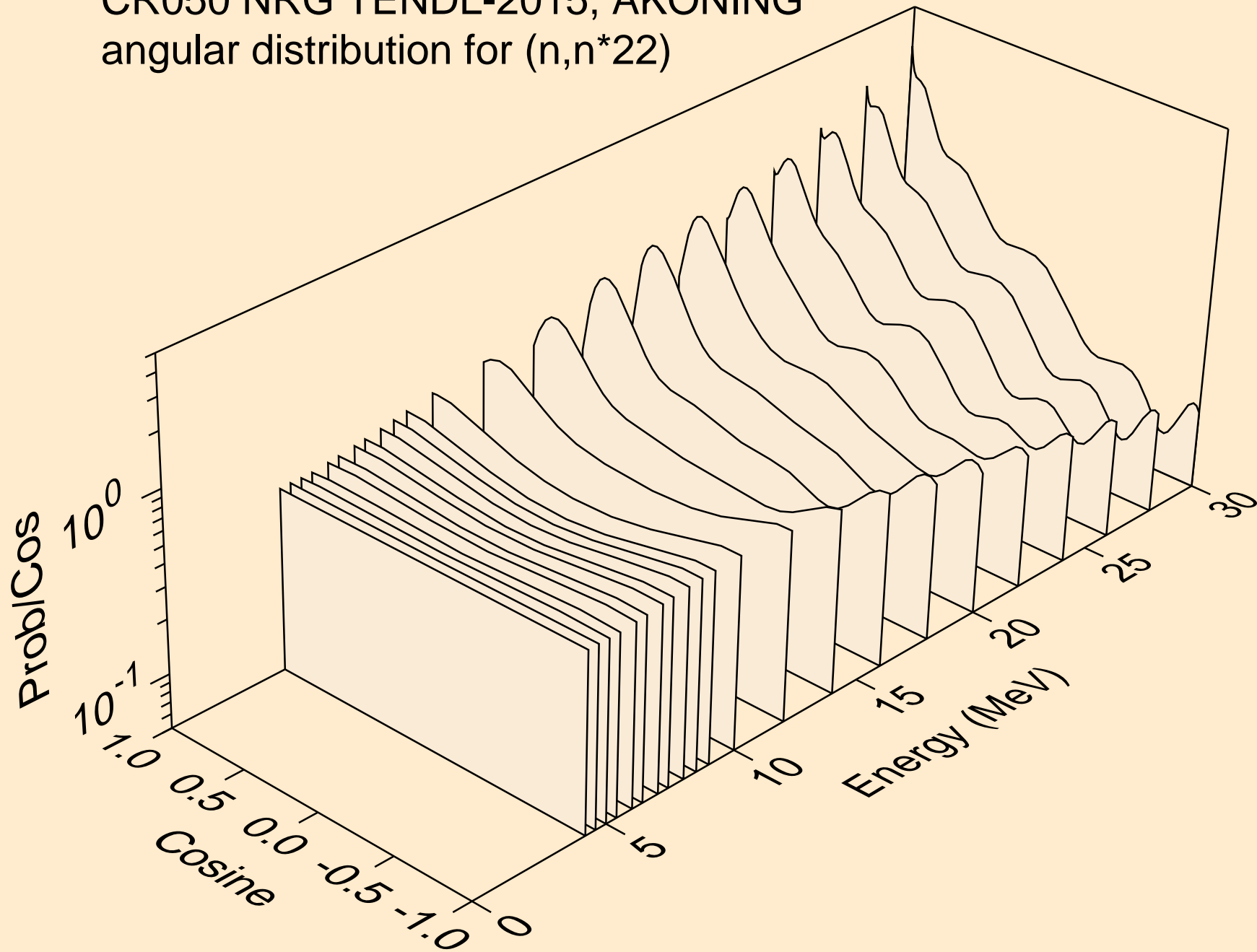
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



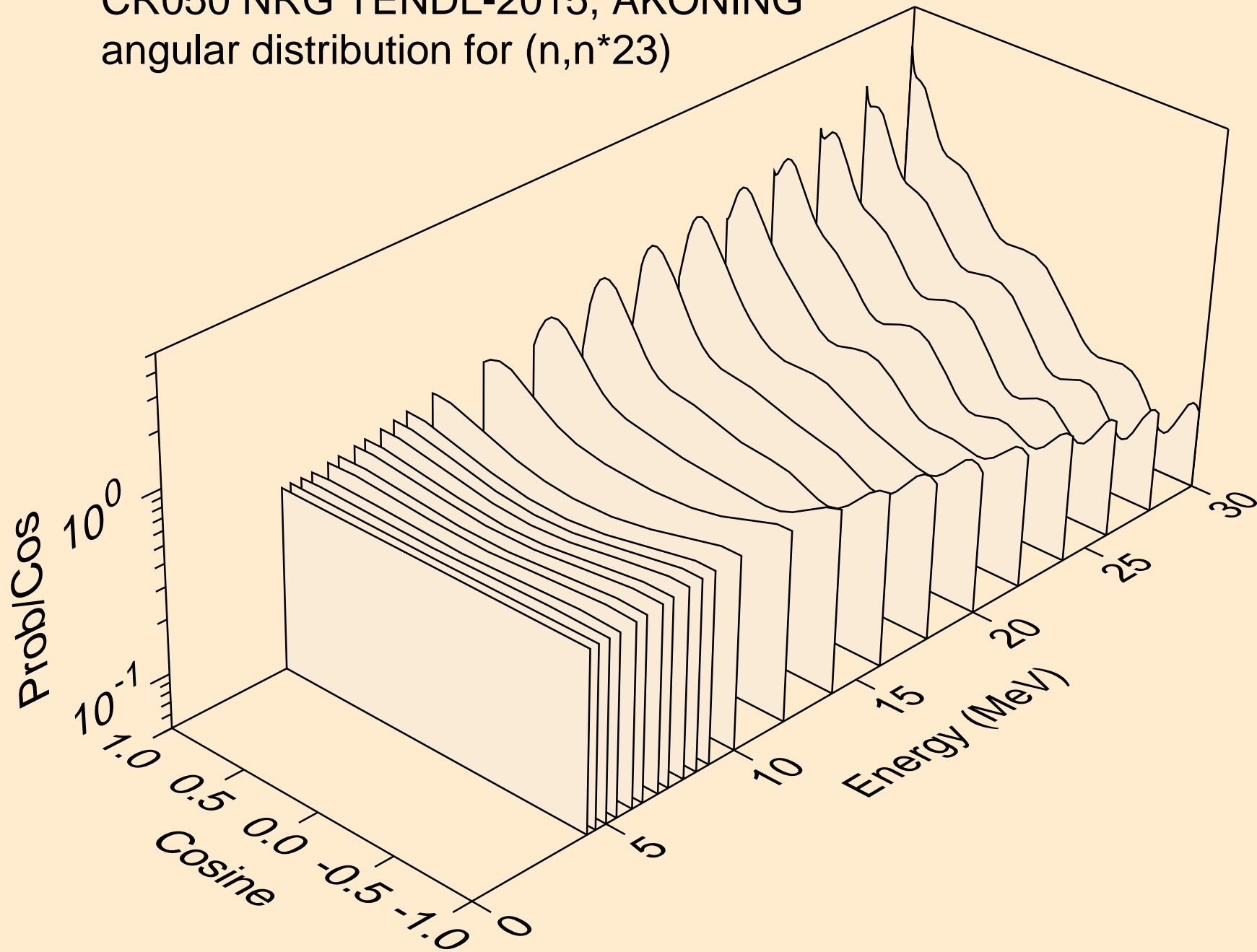
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angular distribution for (n,n\*21)



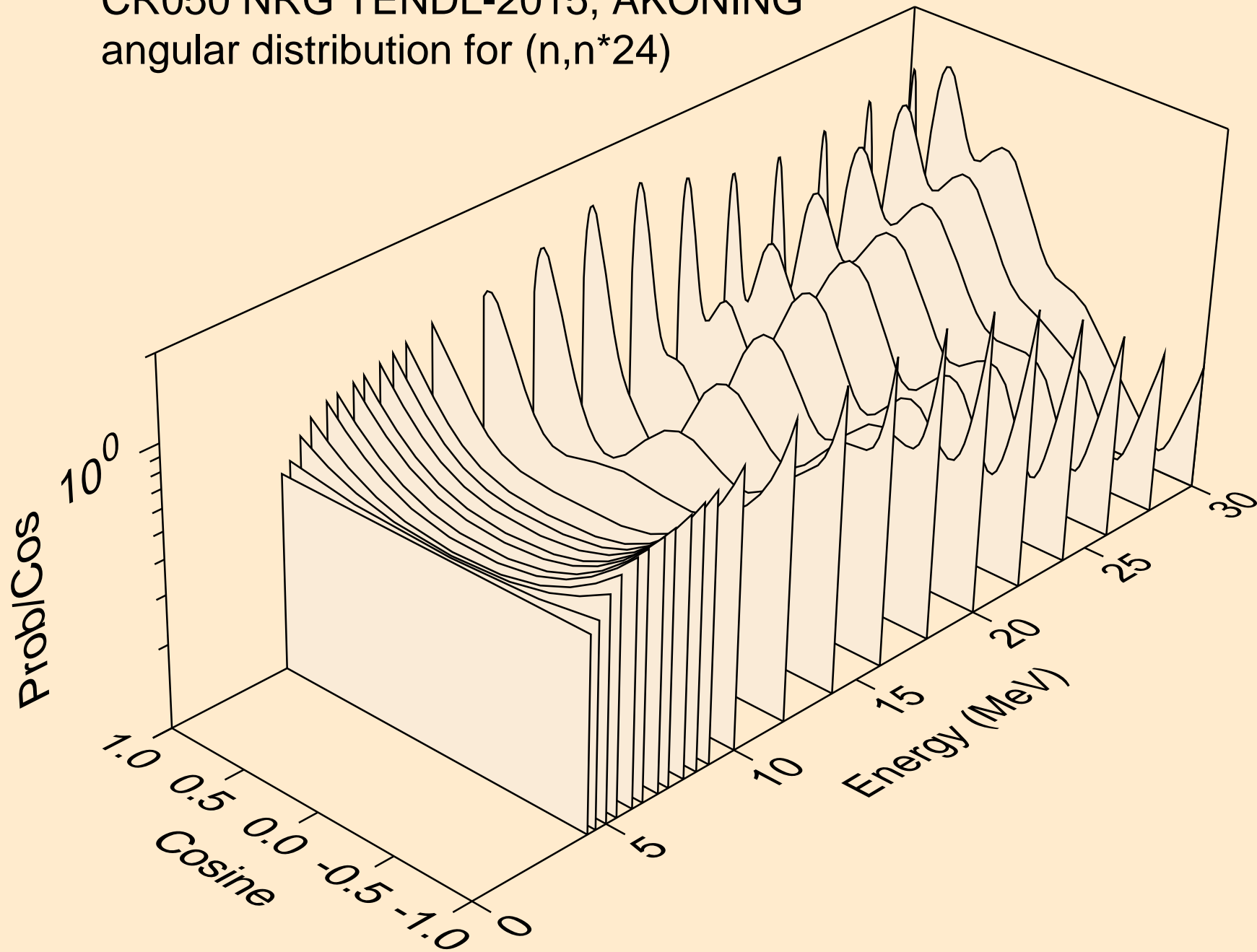
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

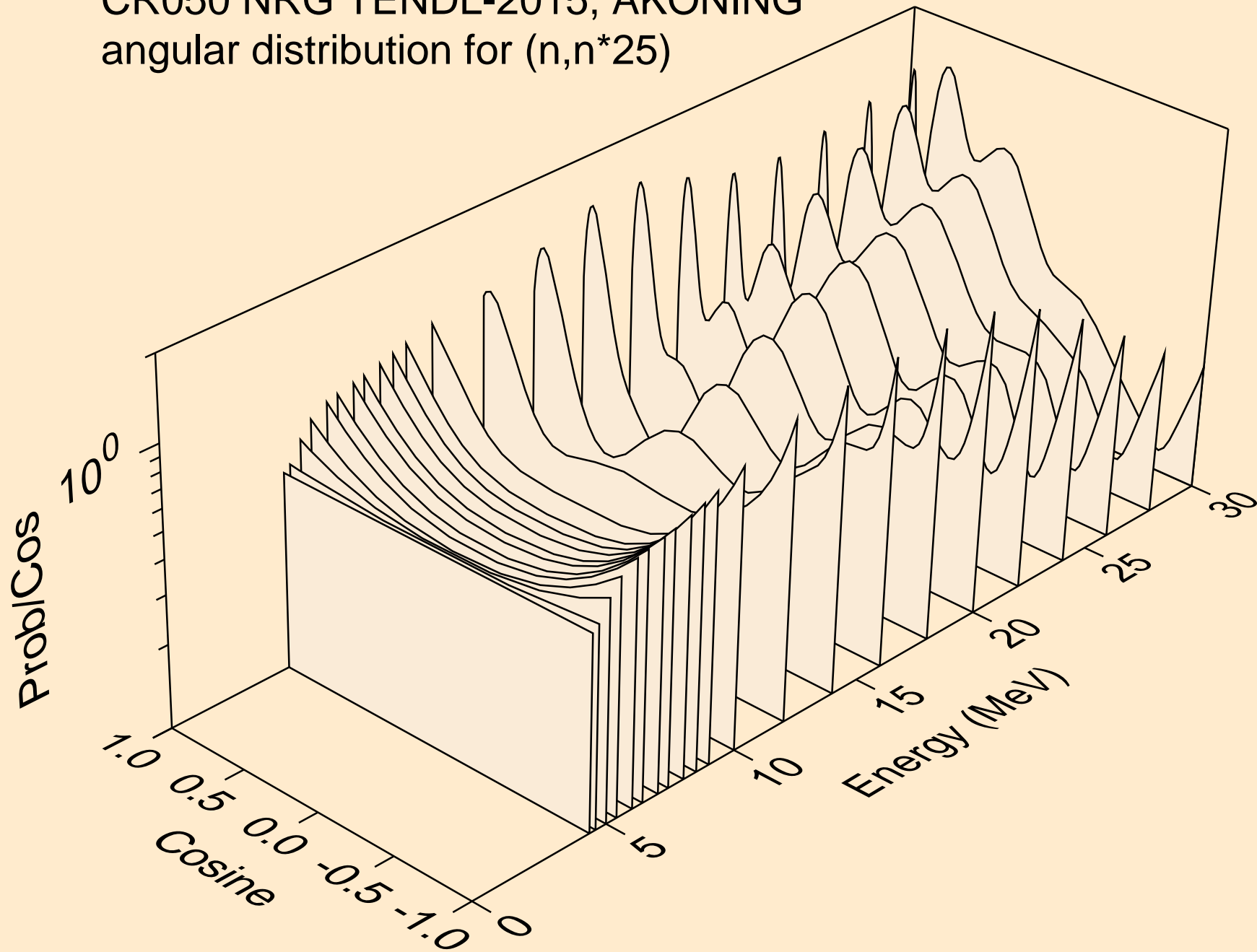


CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

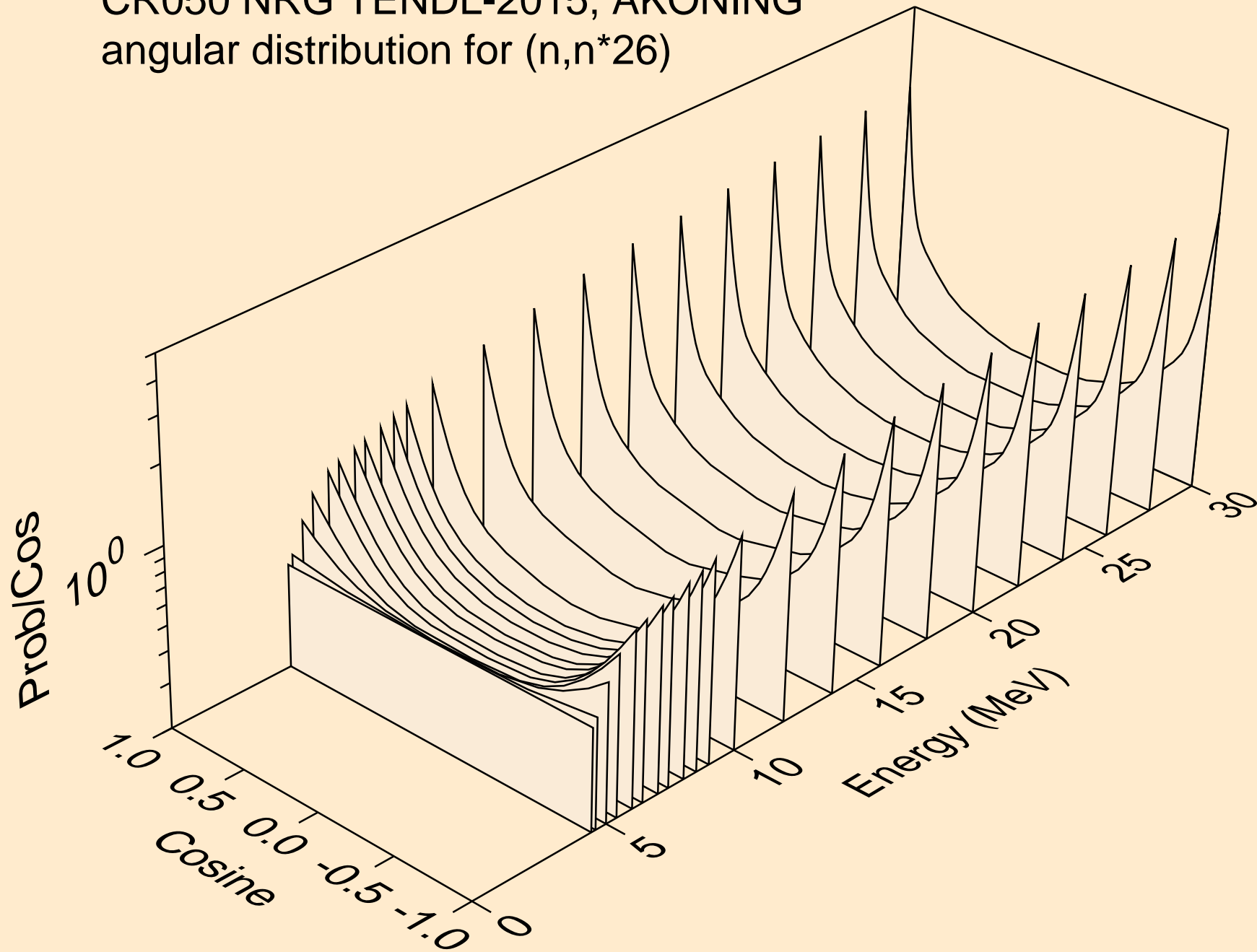




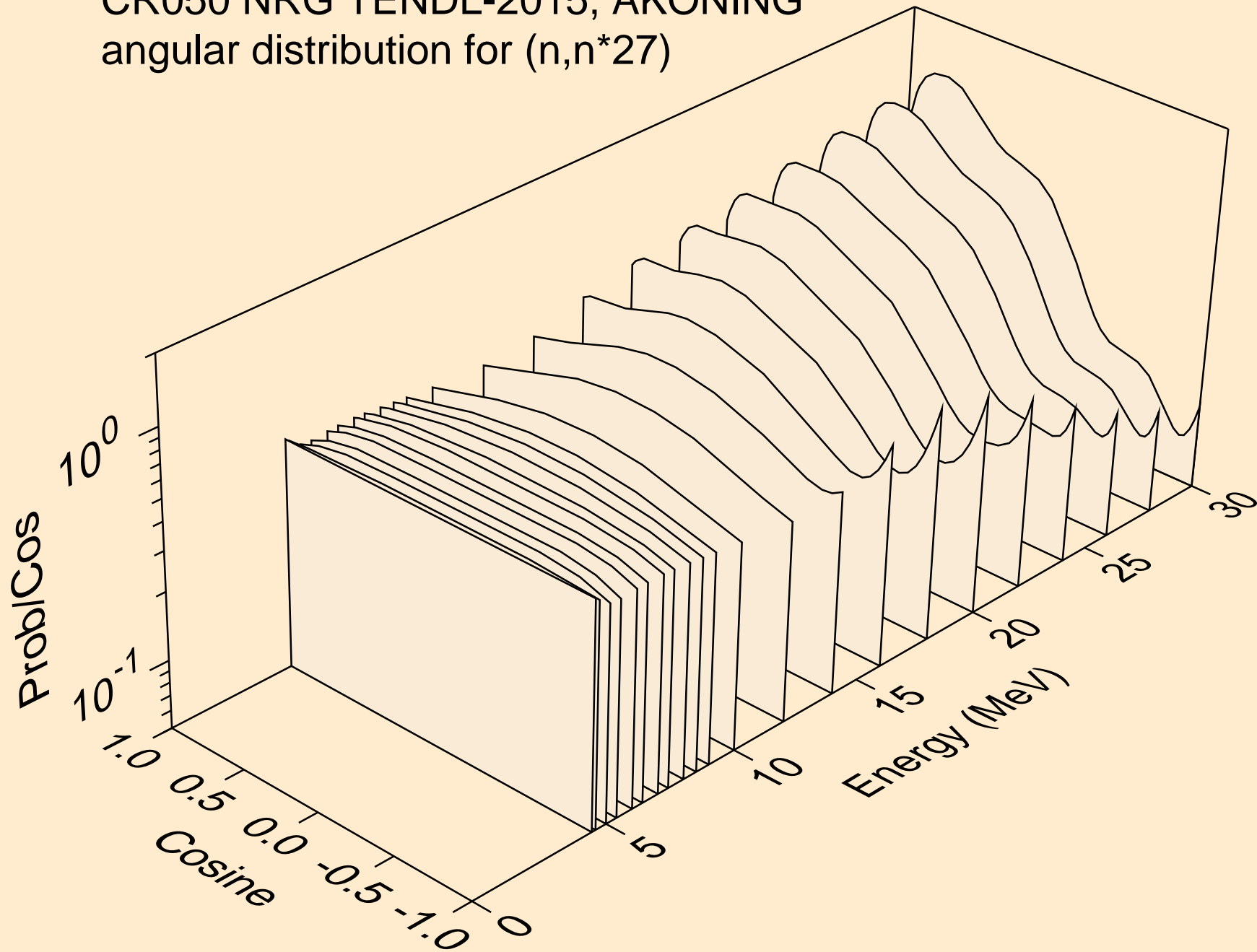
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angular distribution for (n,n\*25)



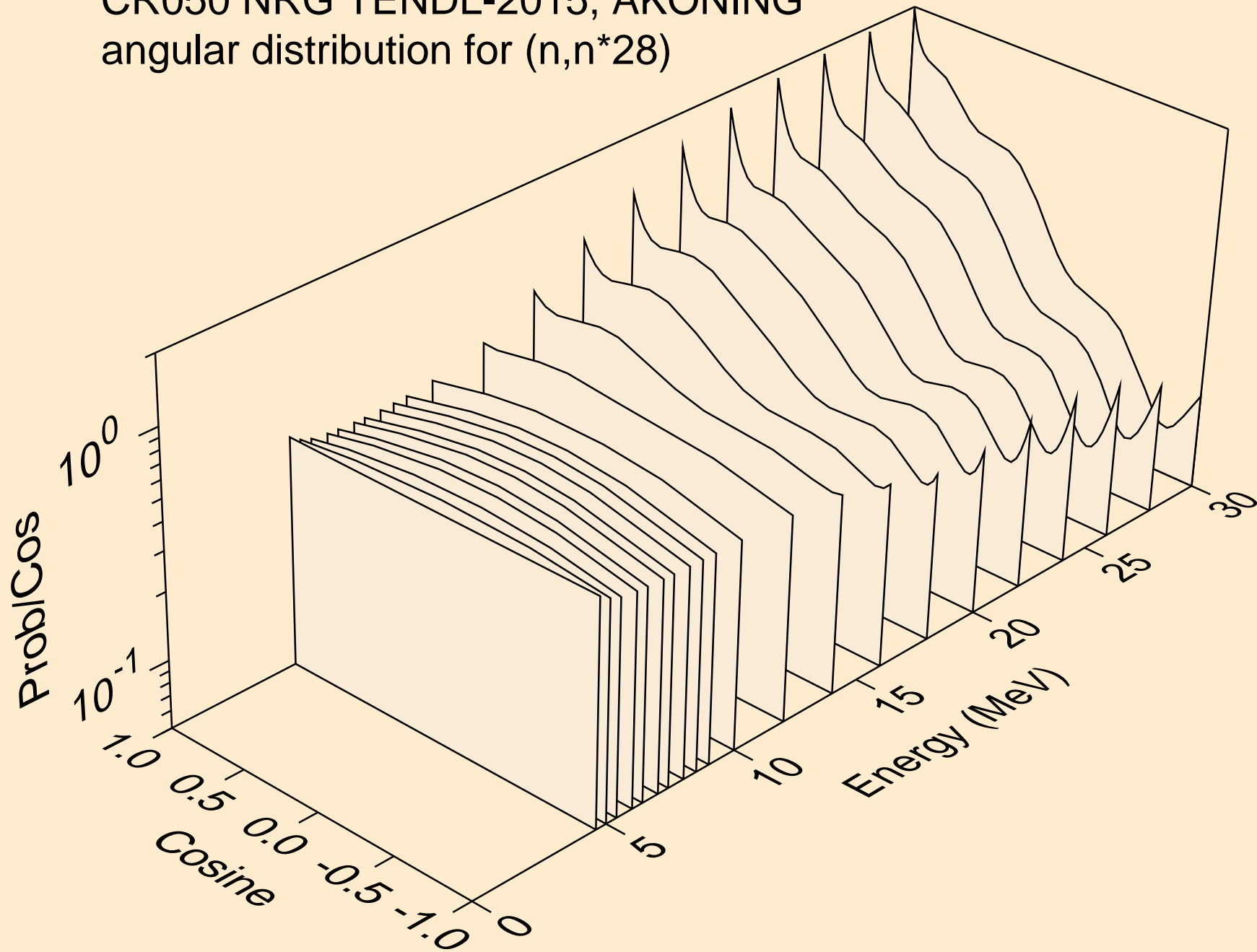
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angular distribution for (n,n\*26)



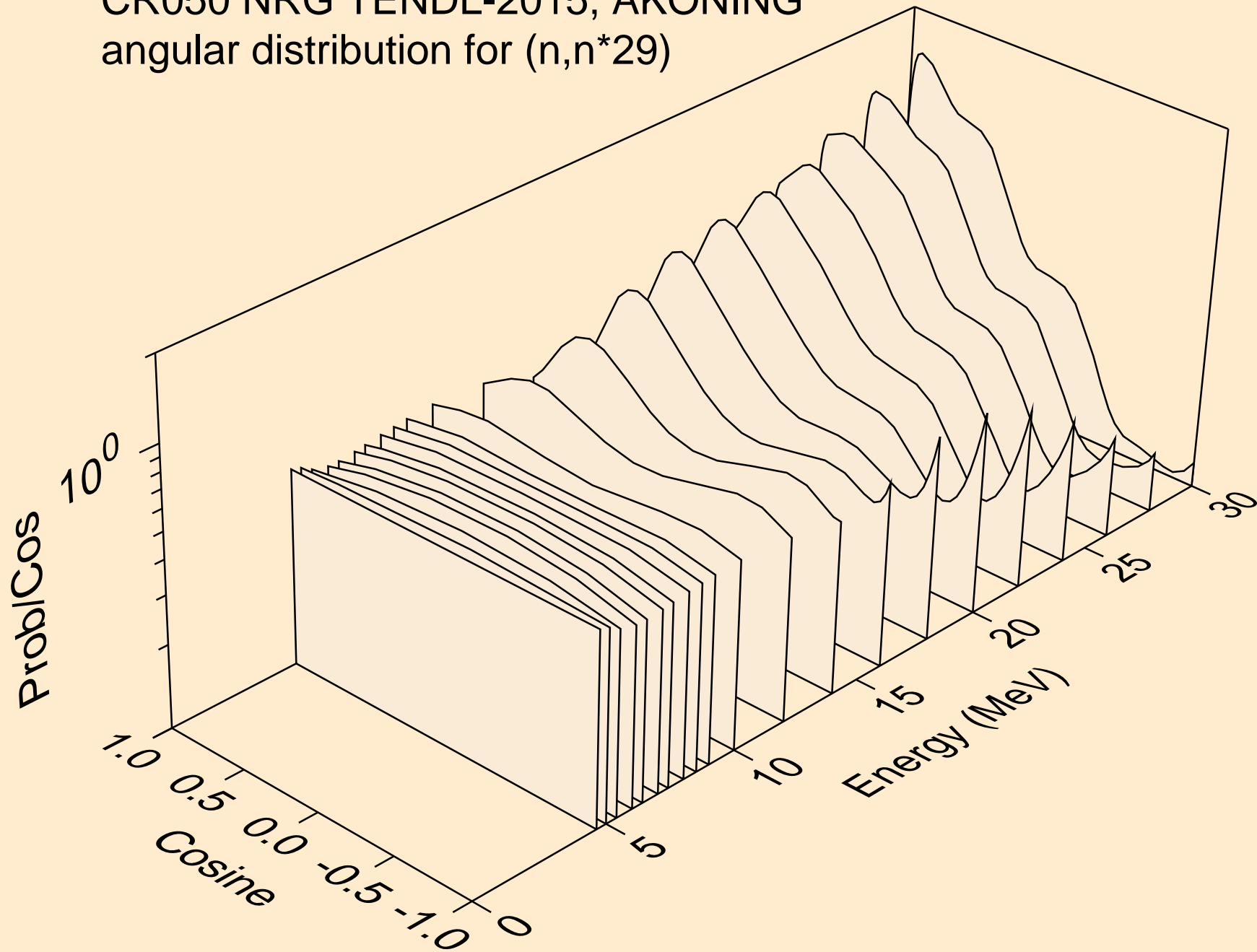
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



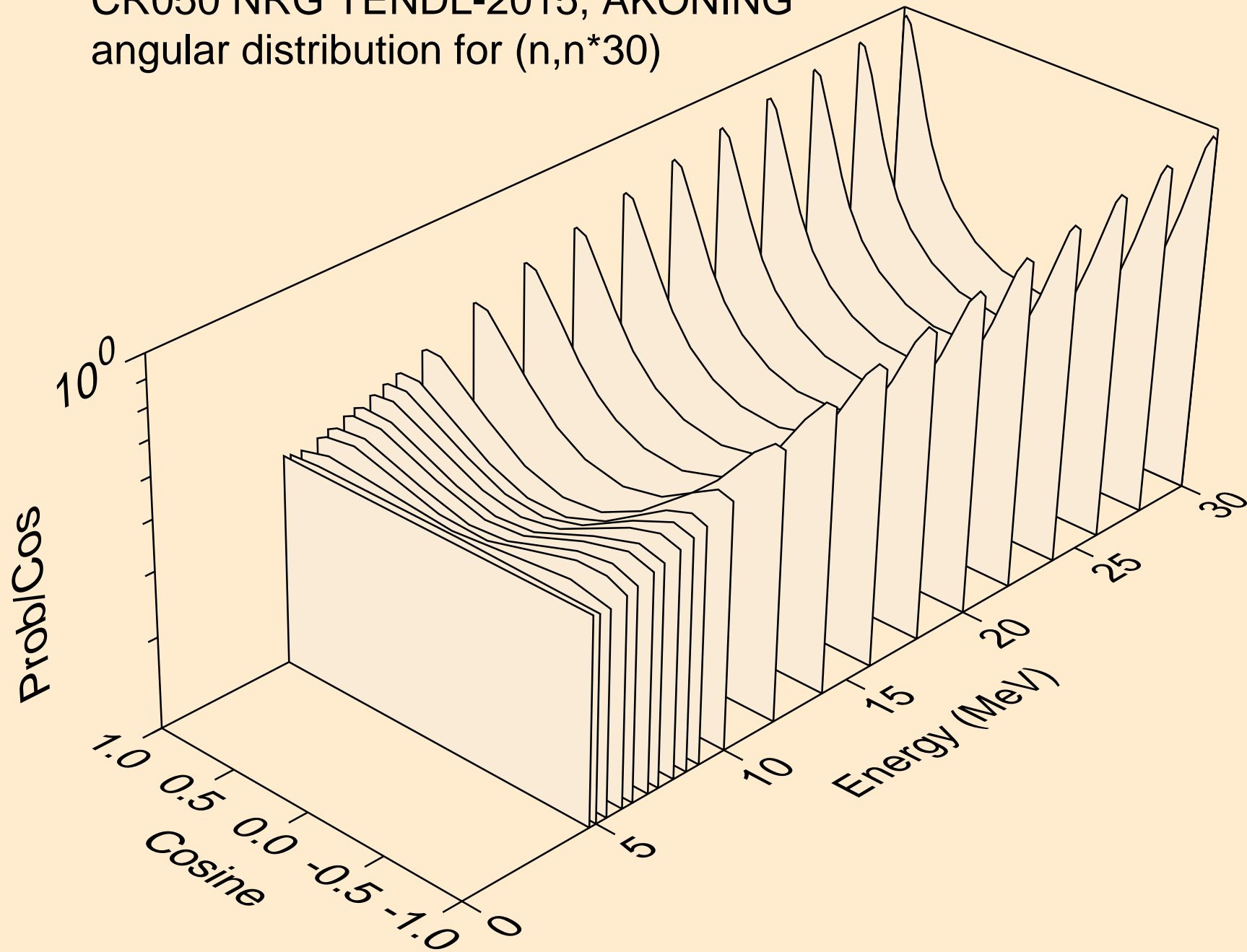
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angular distribution for (n,n\*28)



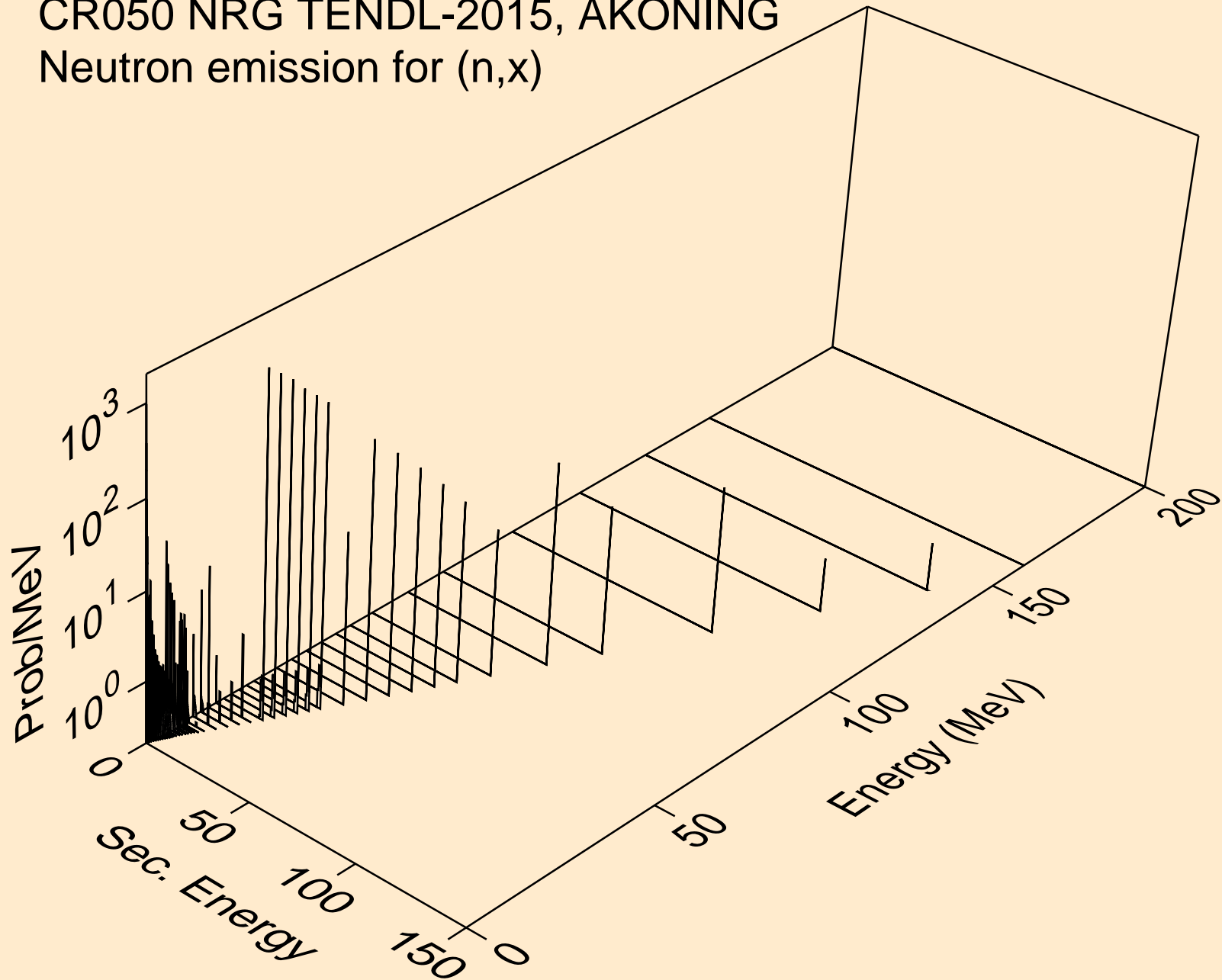
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angular distribution for (n,n\*29)



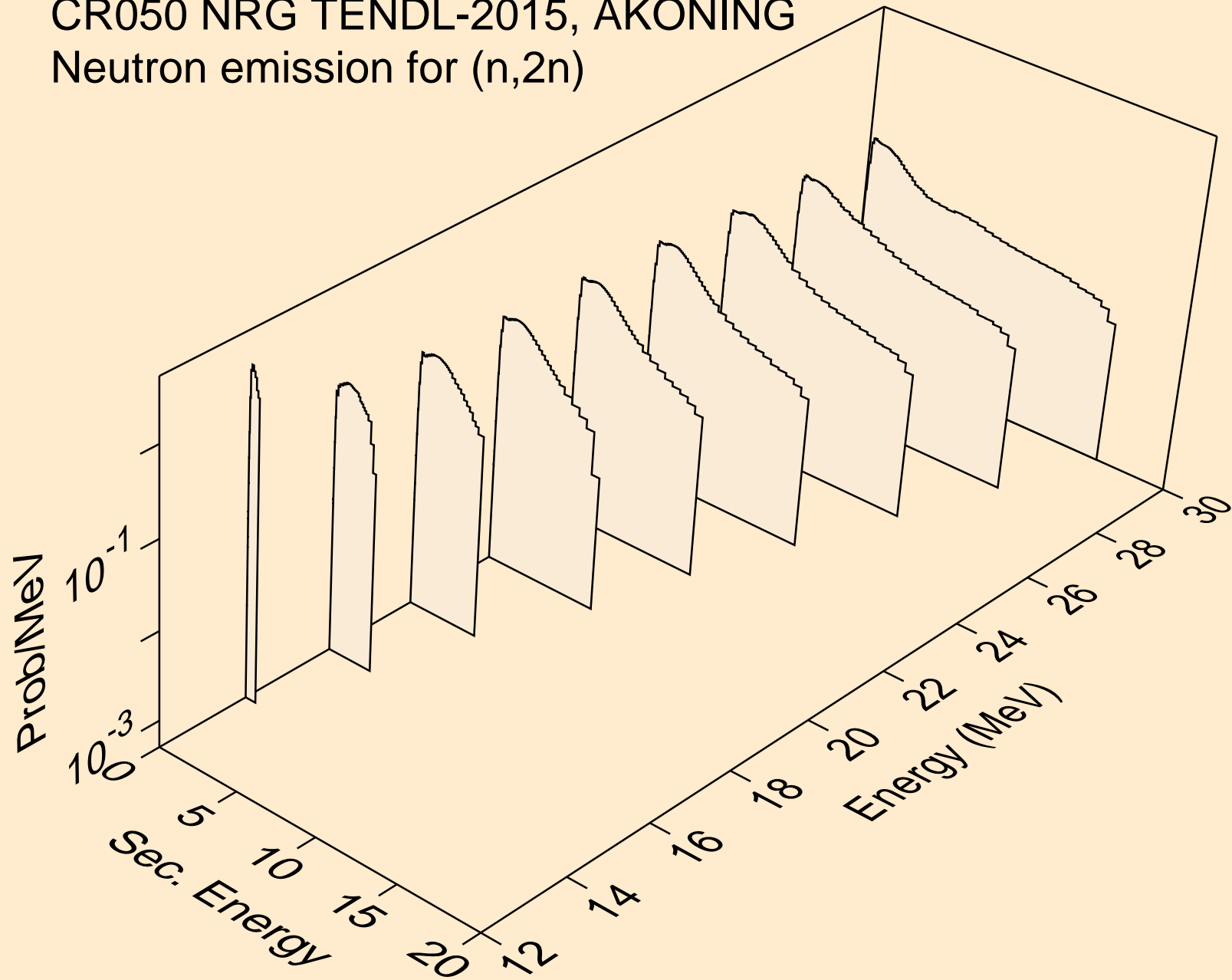
CR050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

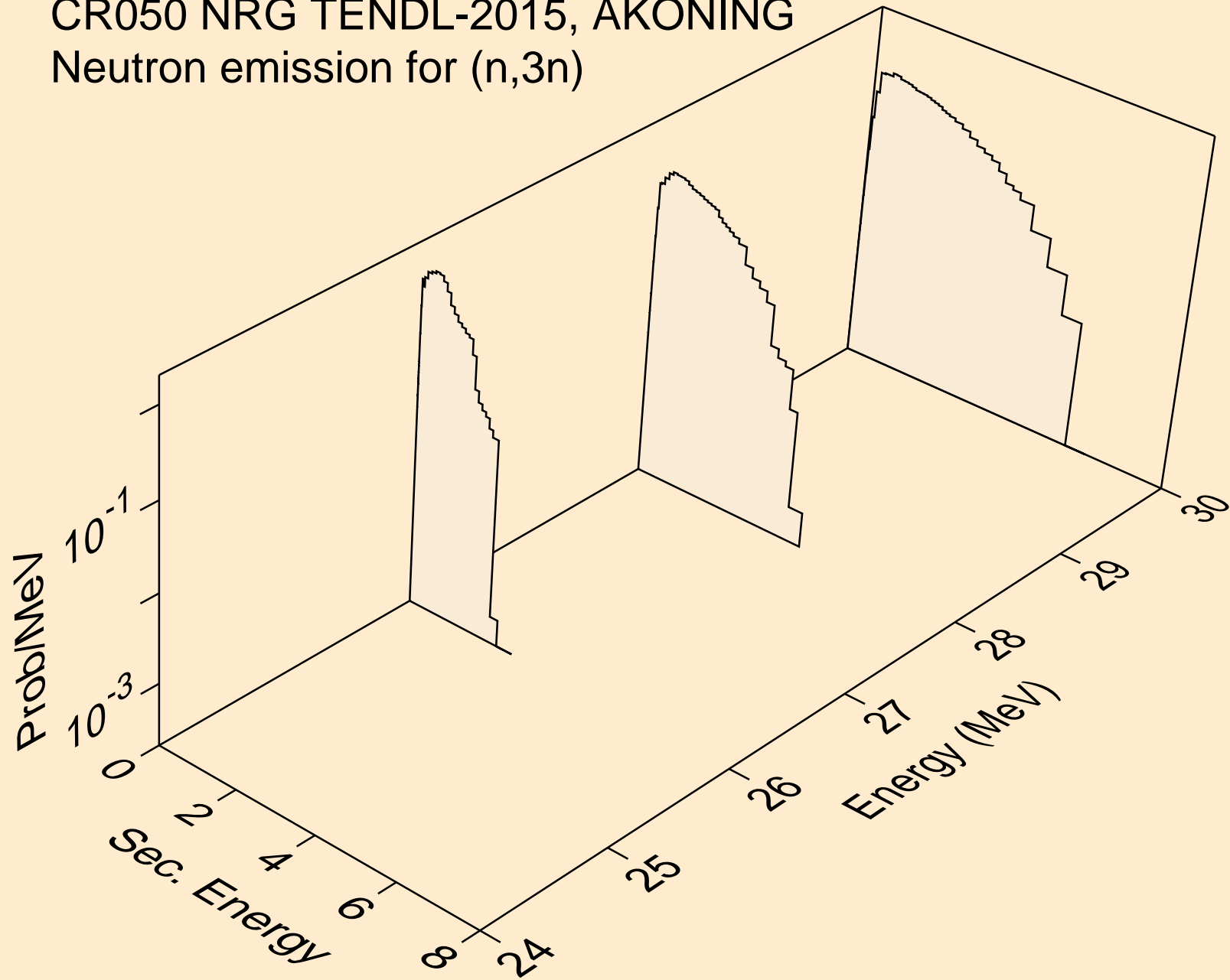


CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

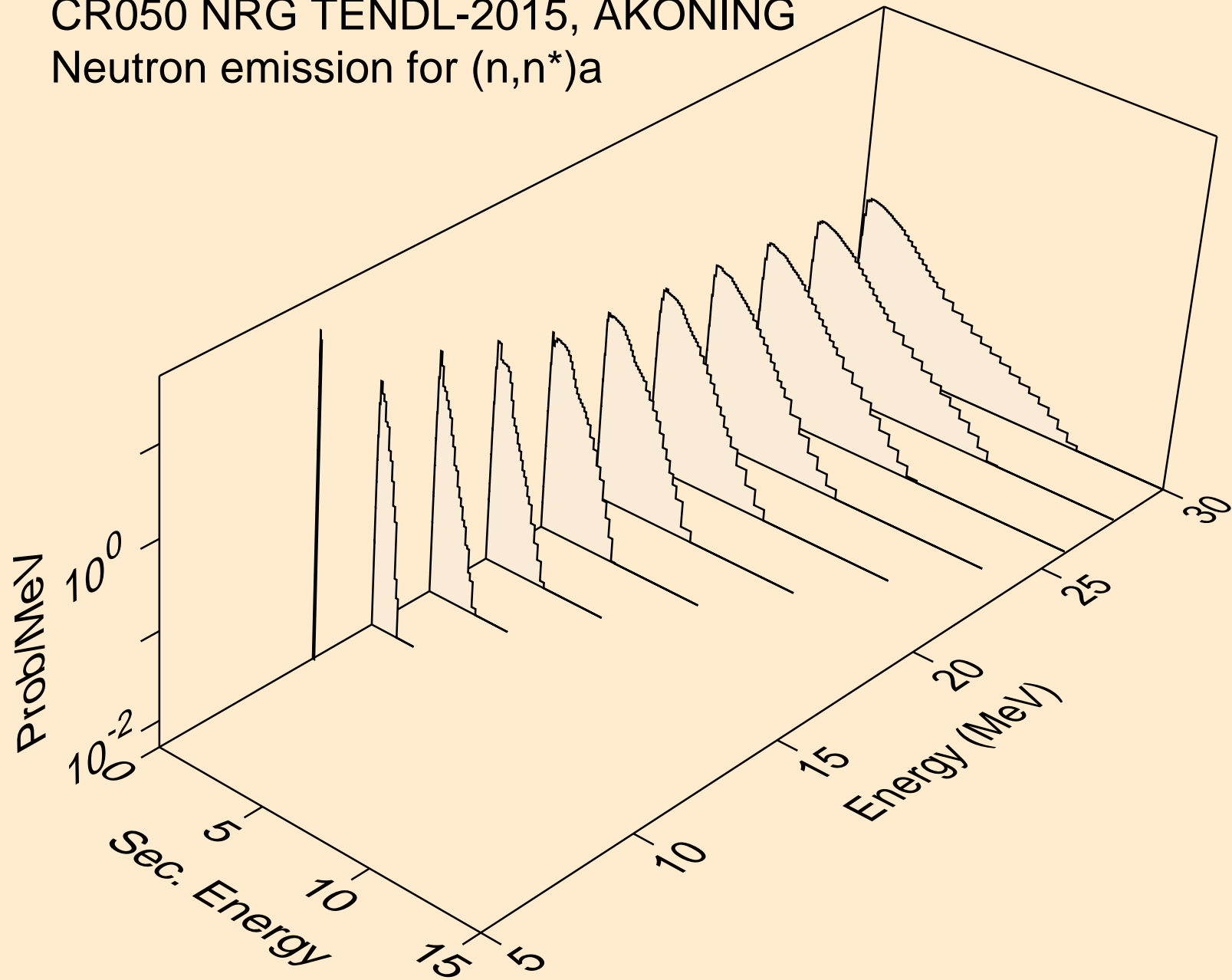




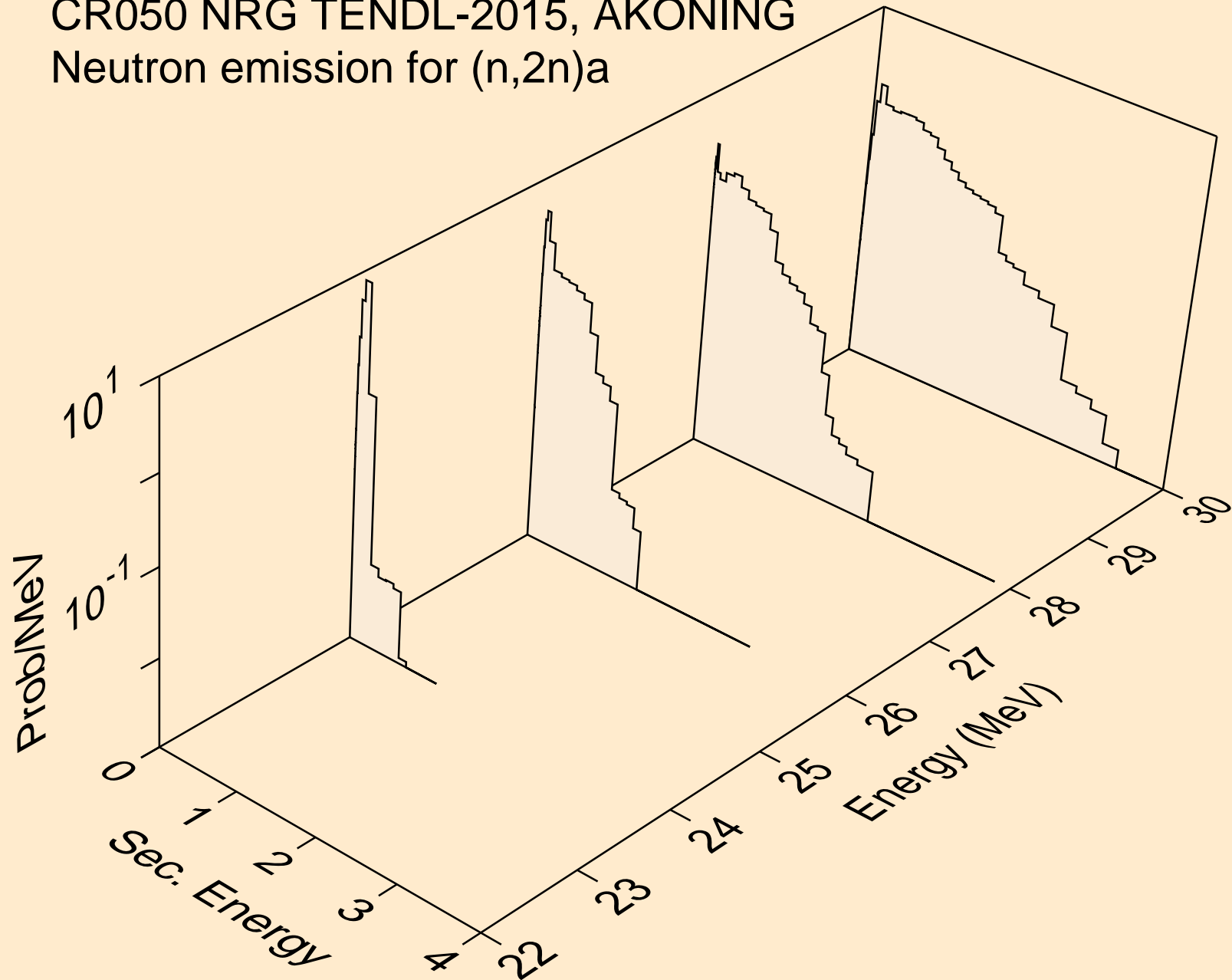
CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



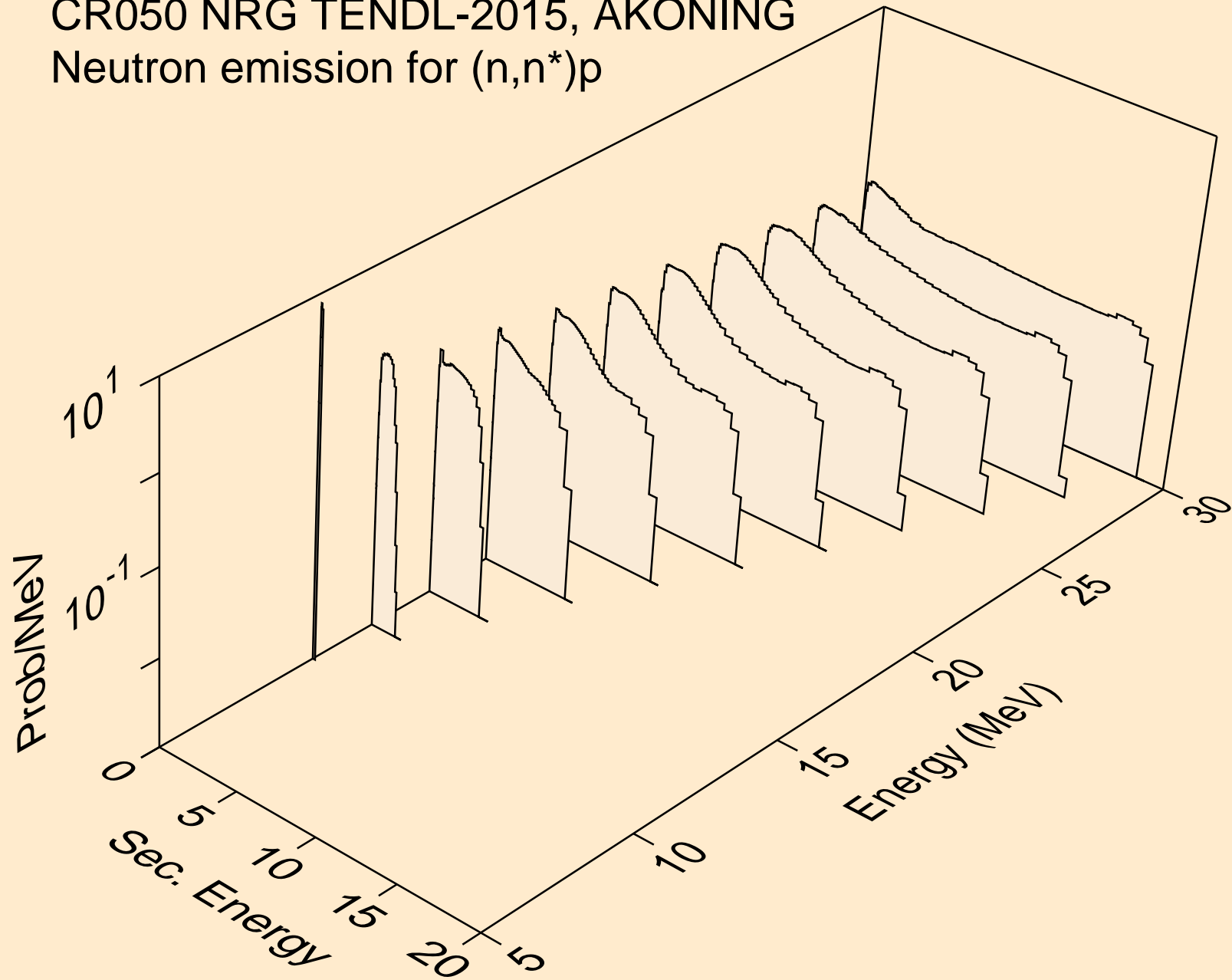
CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



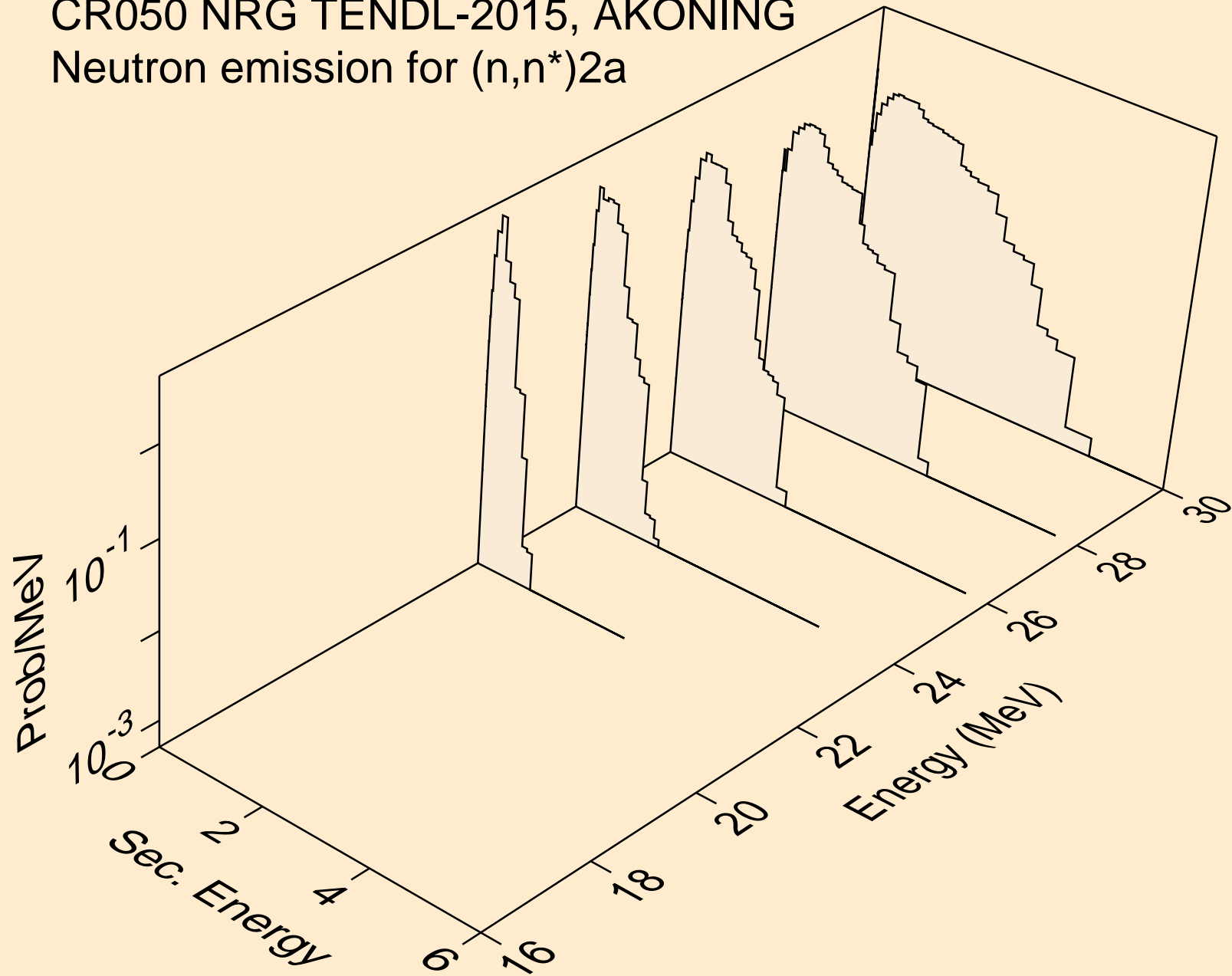
CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



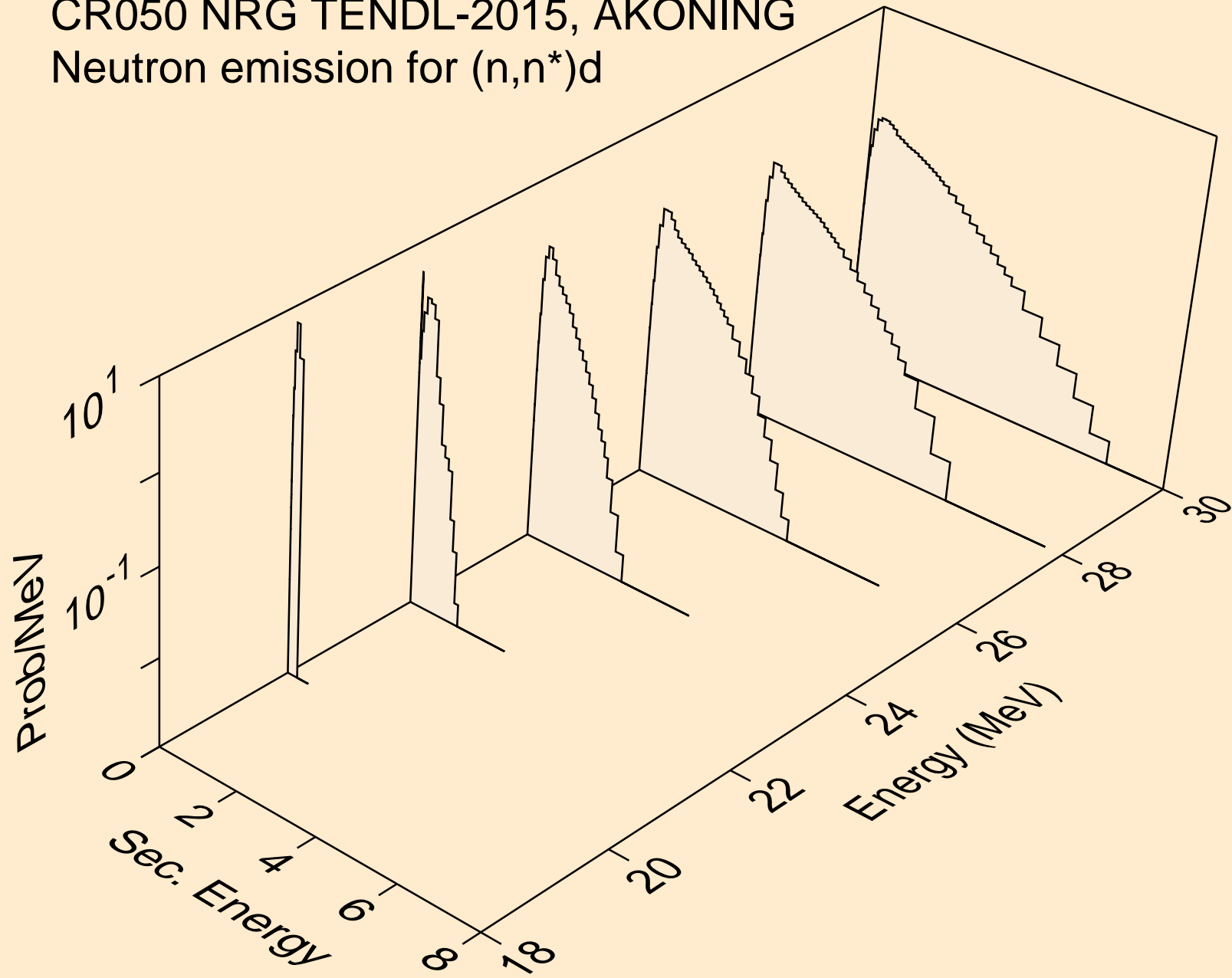
CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



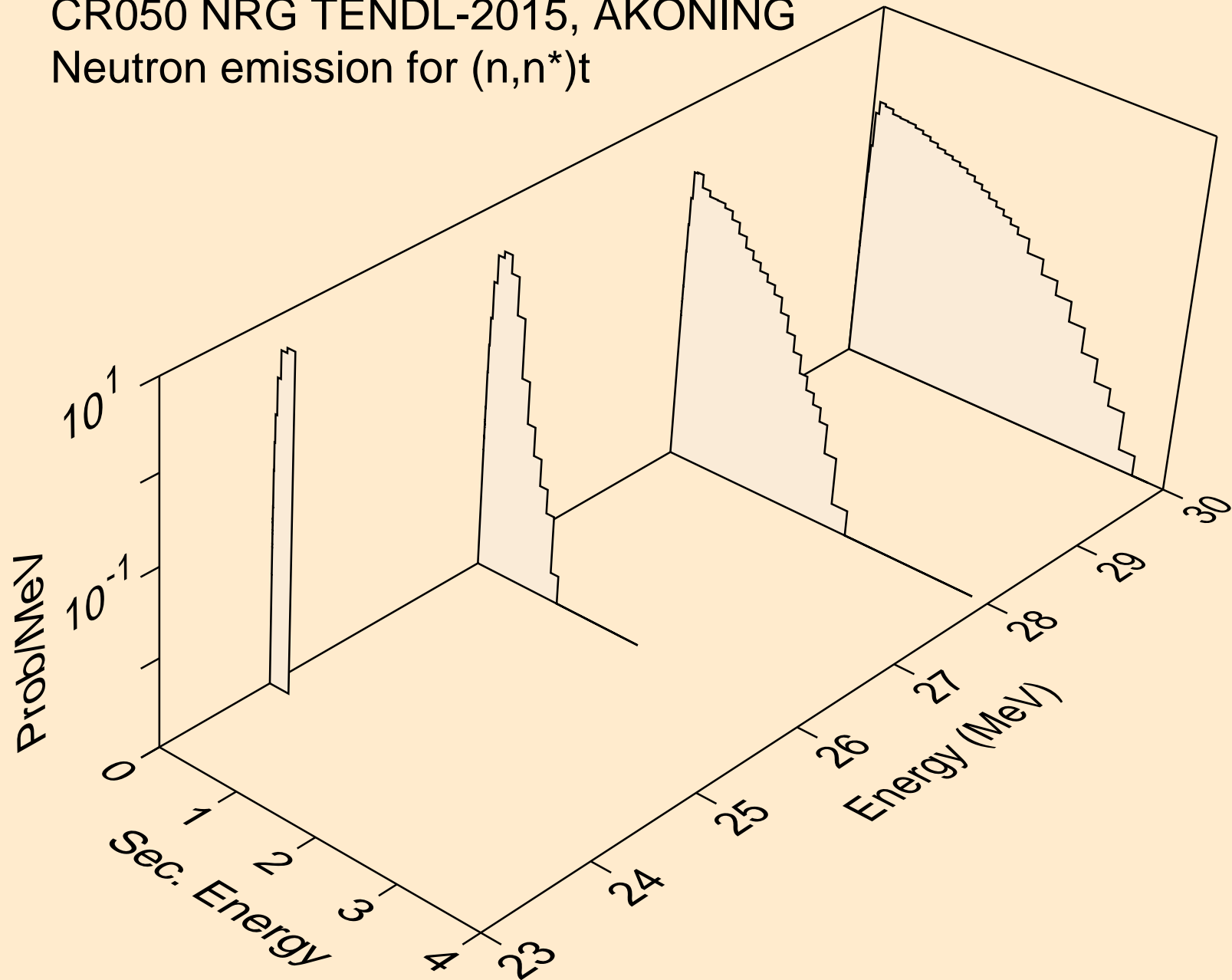
CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



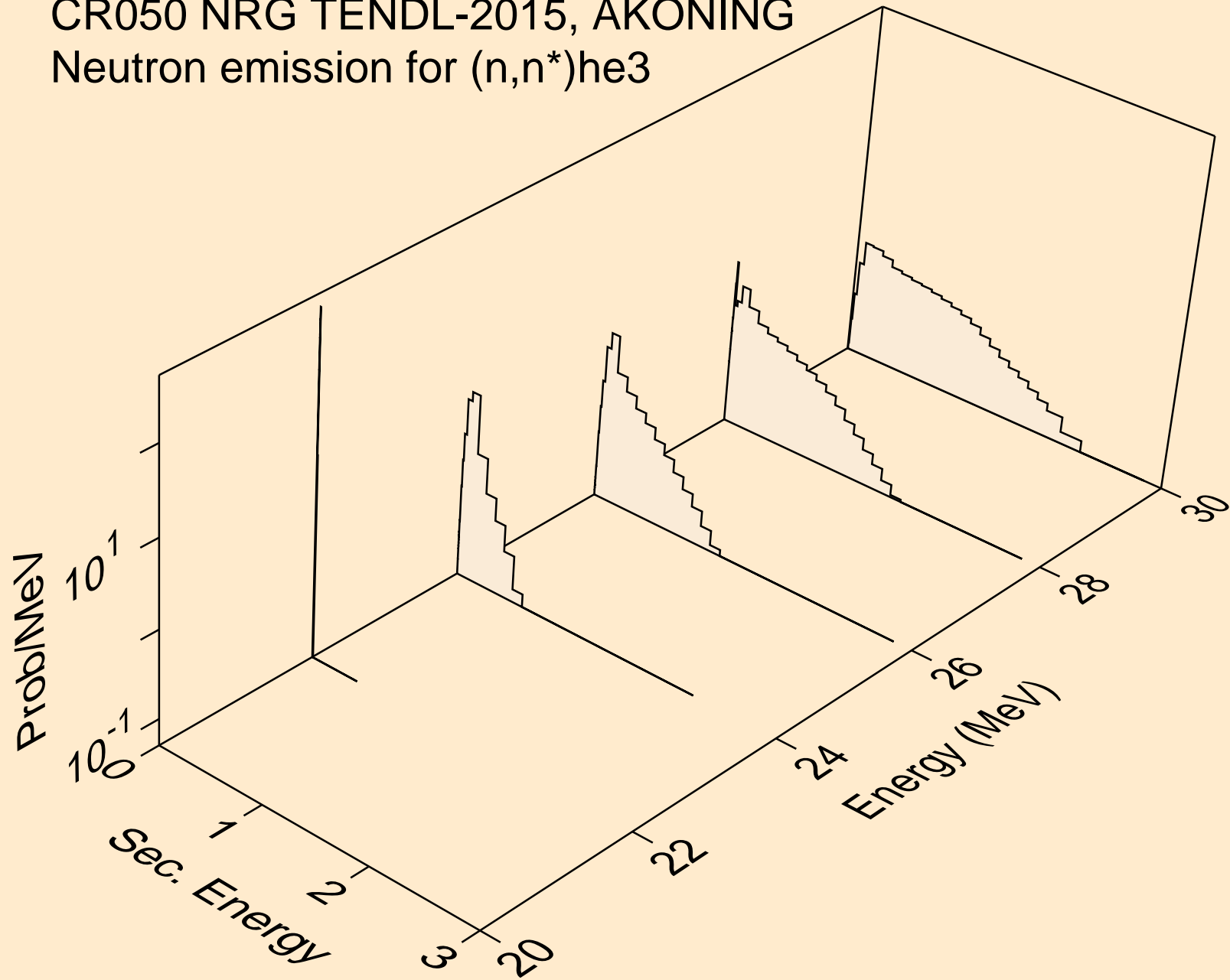
CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

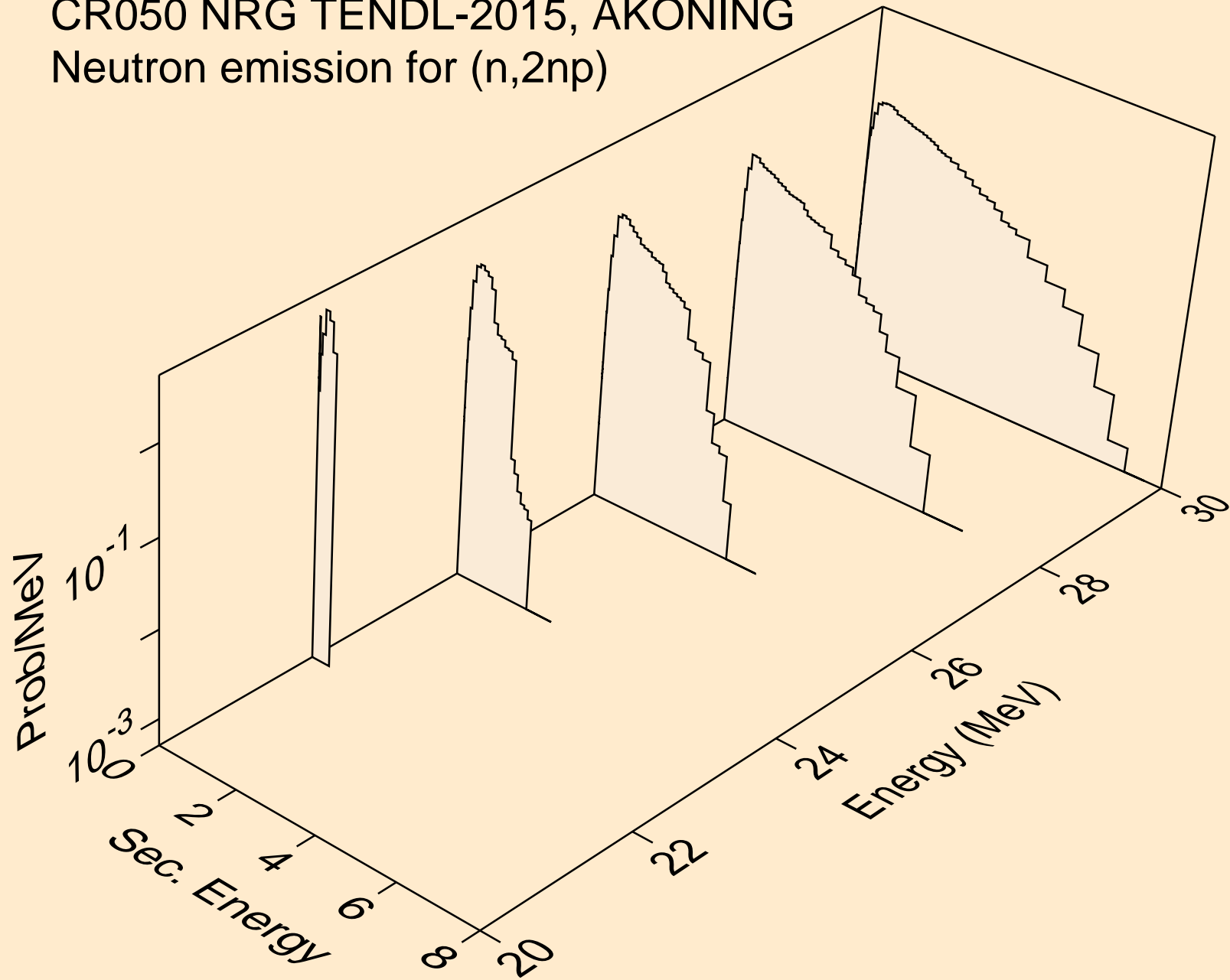


CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

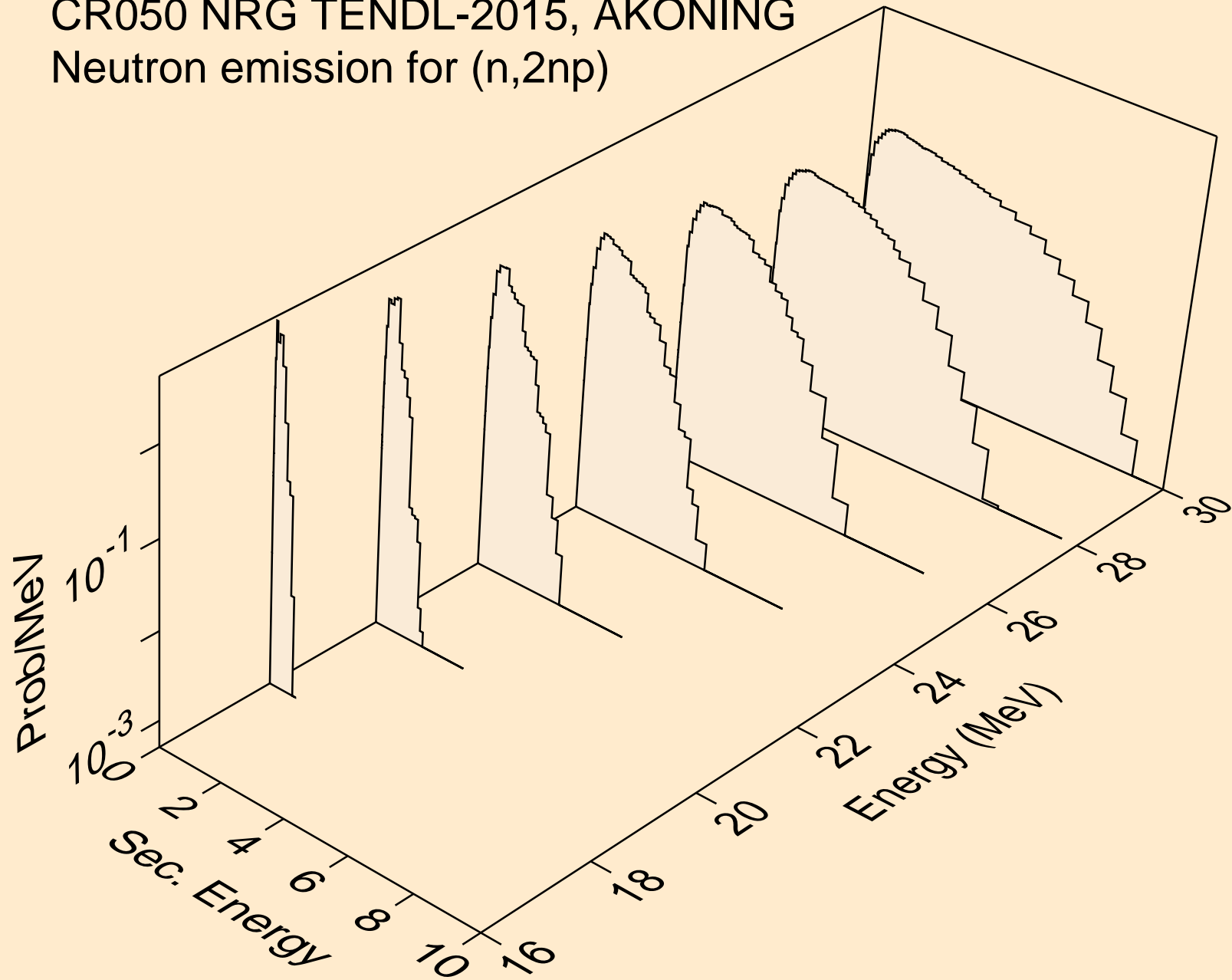




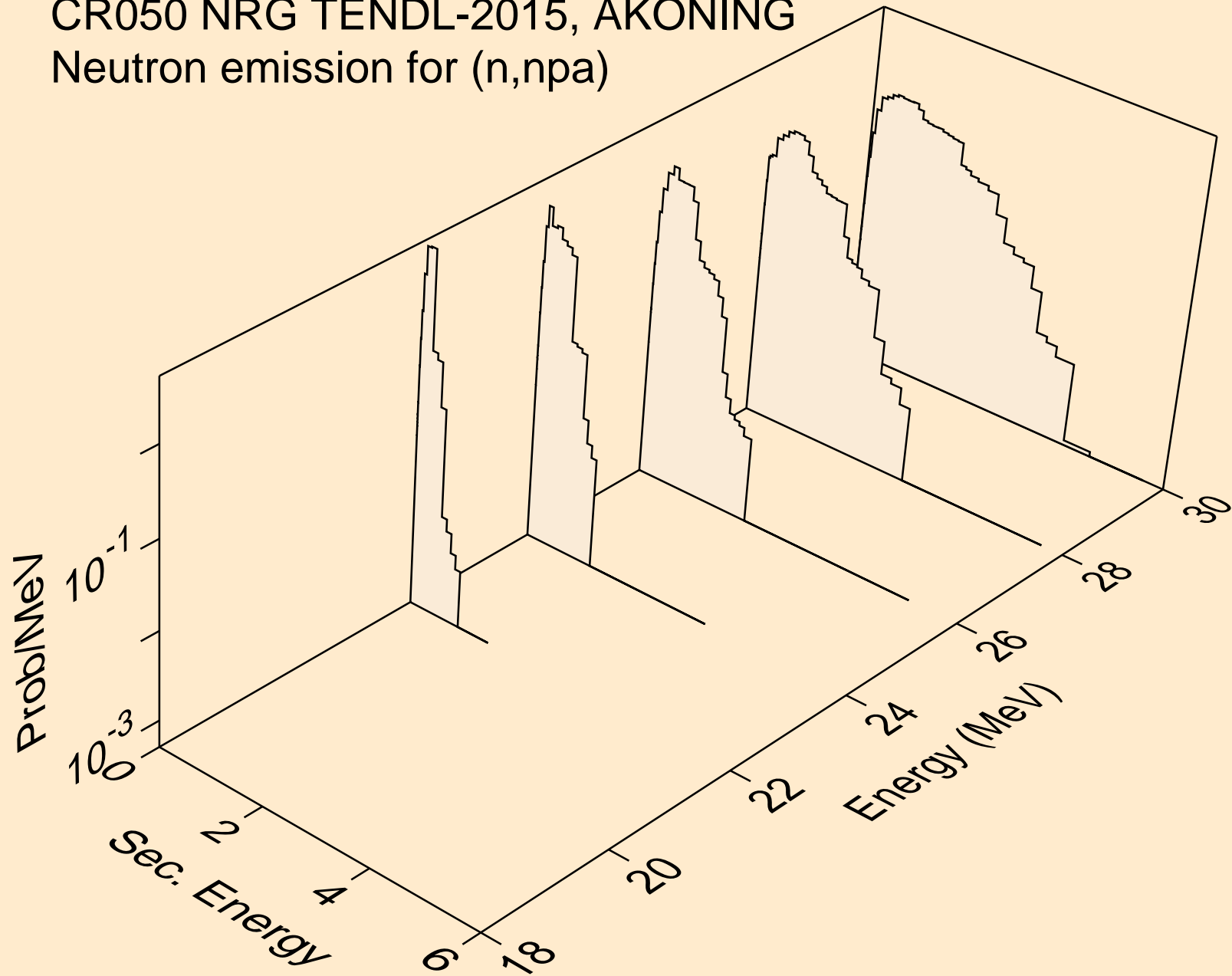
CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



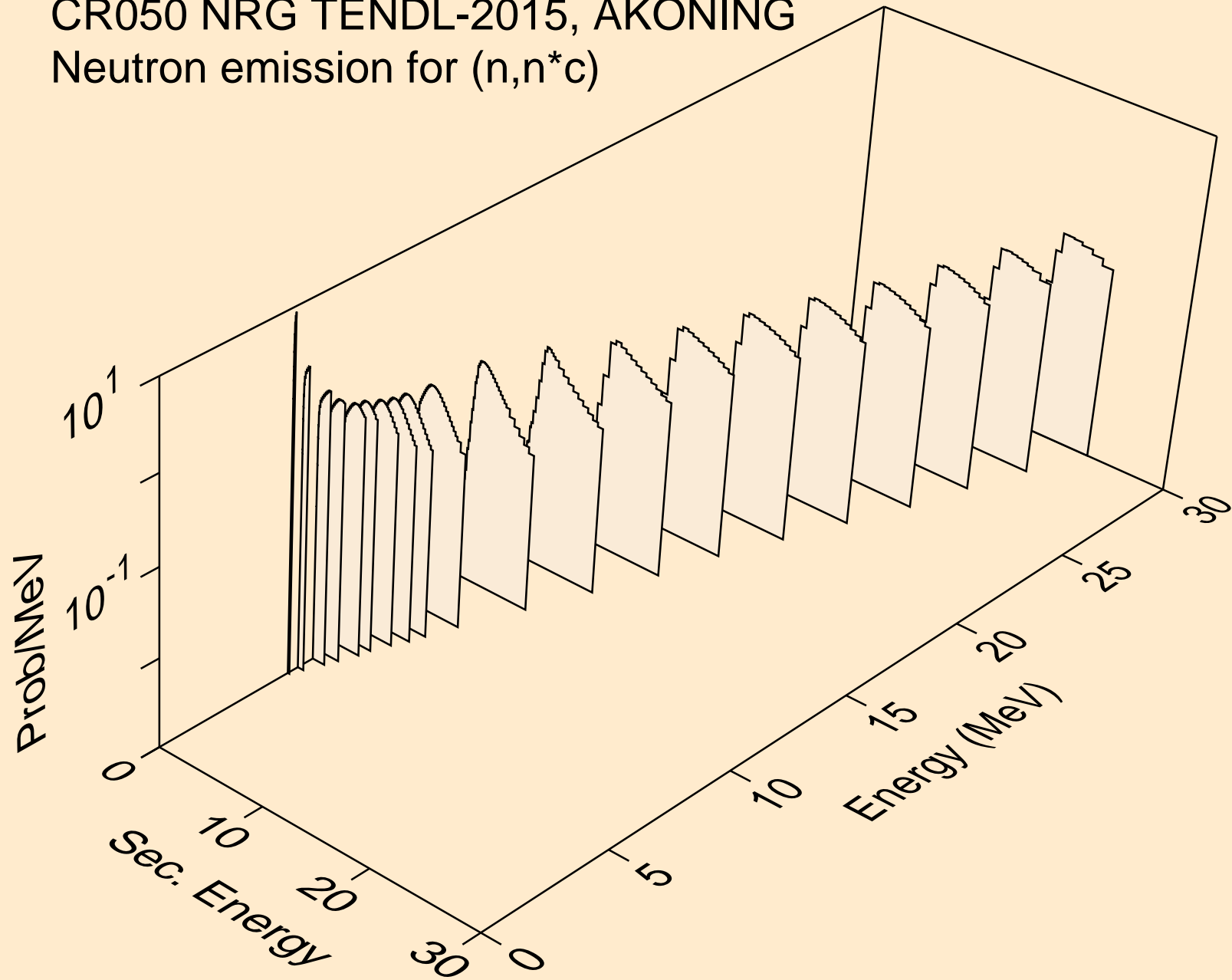
CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



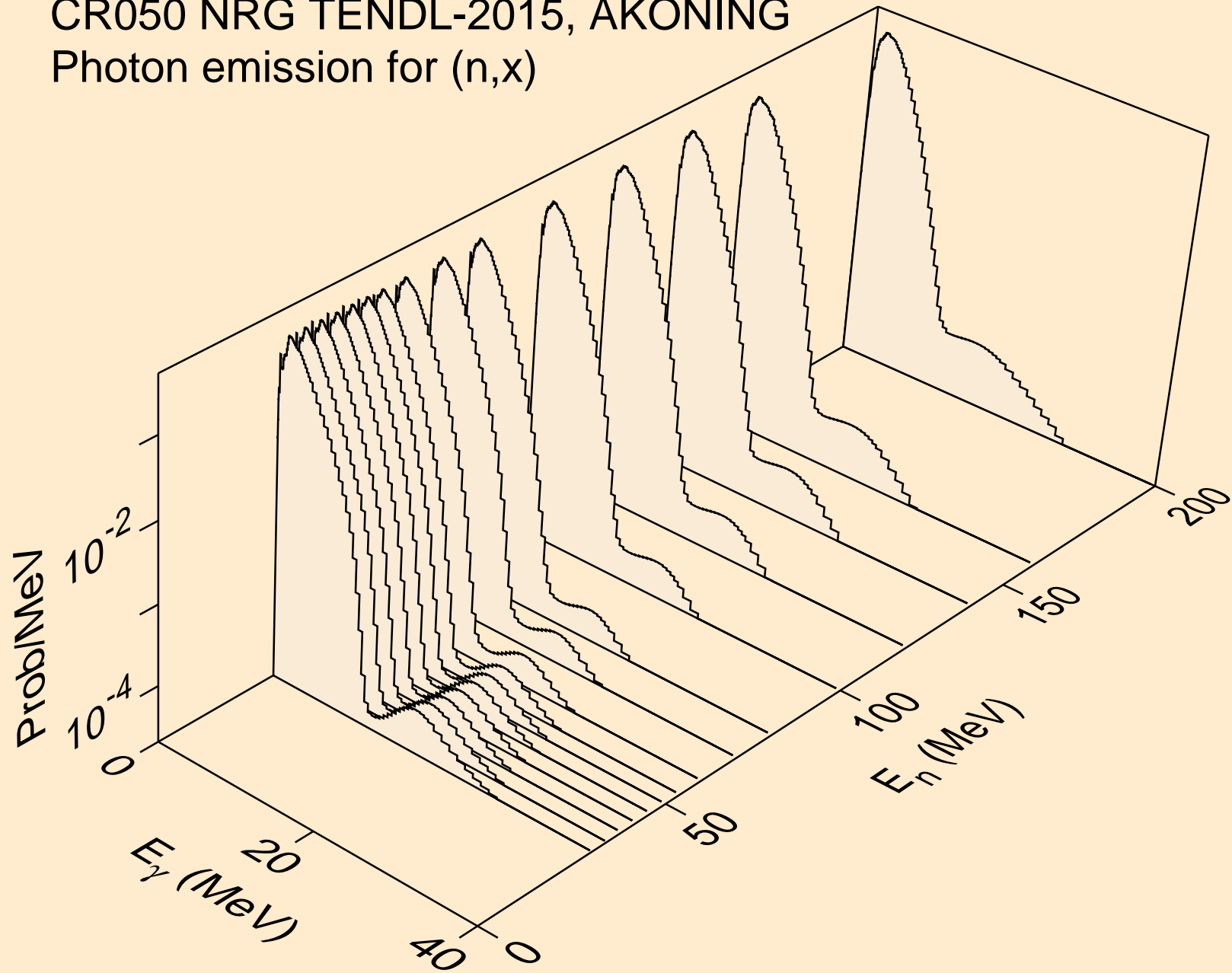
CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



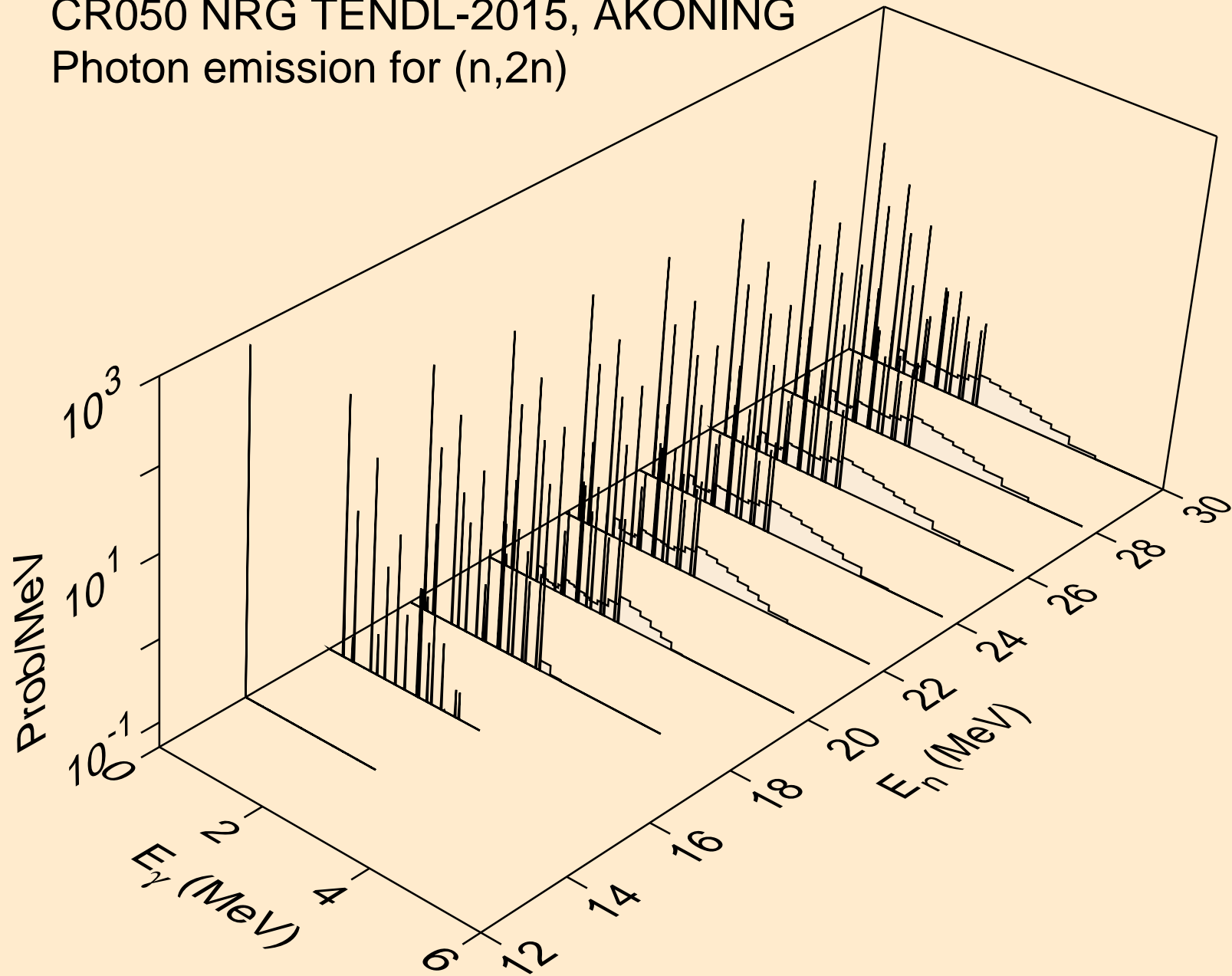
CR050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



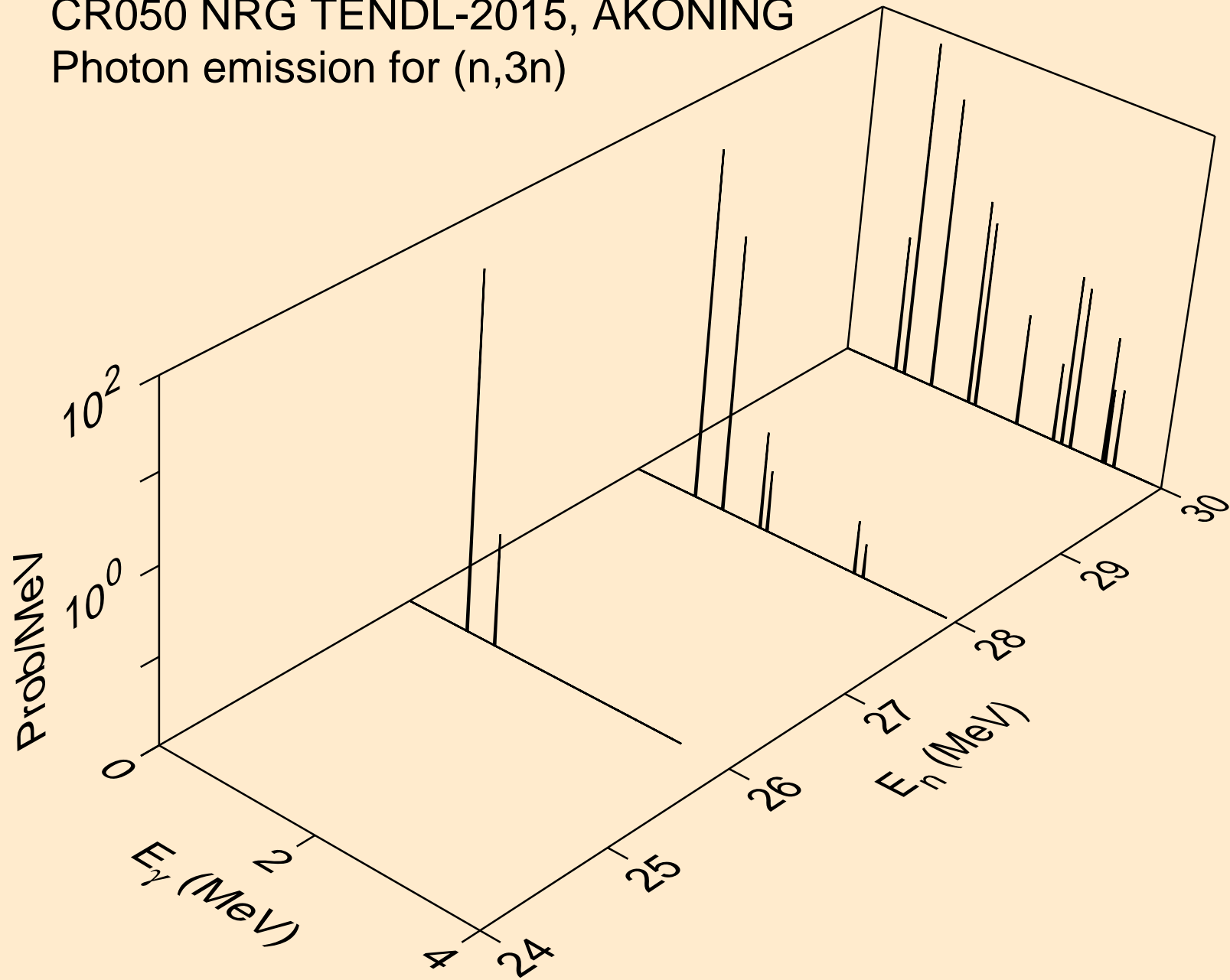
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



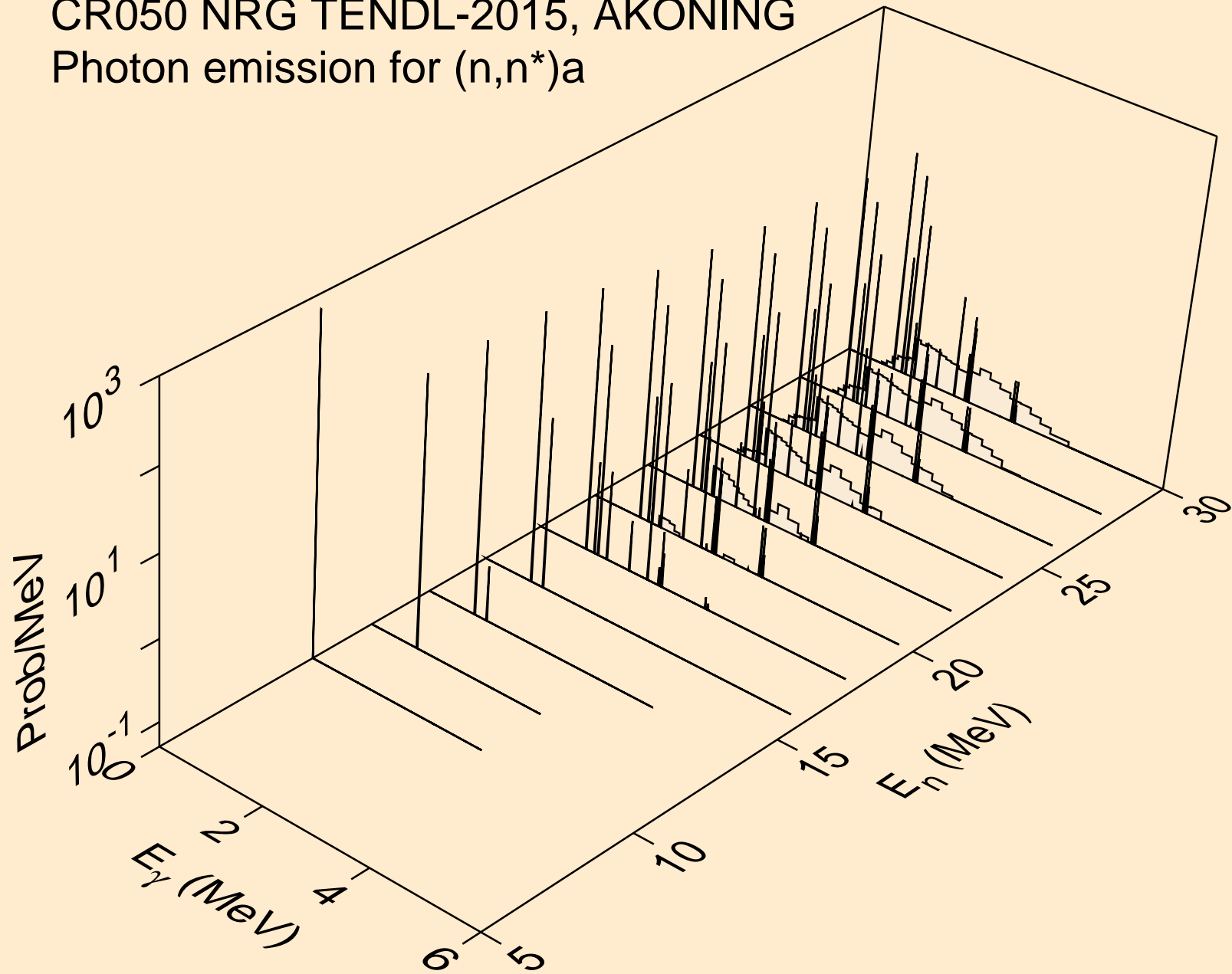
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

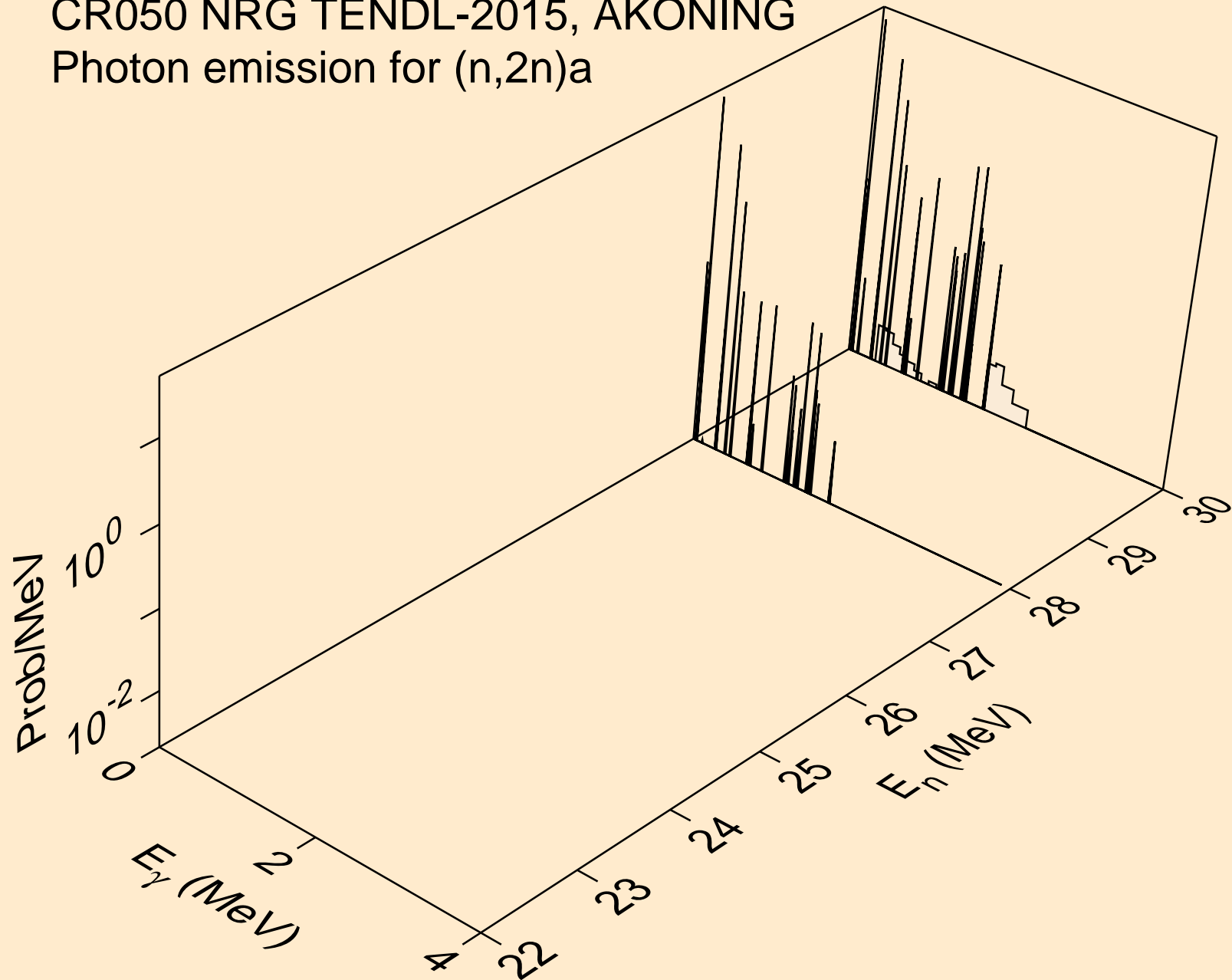


CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

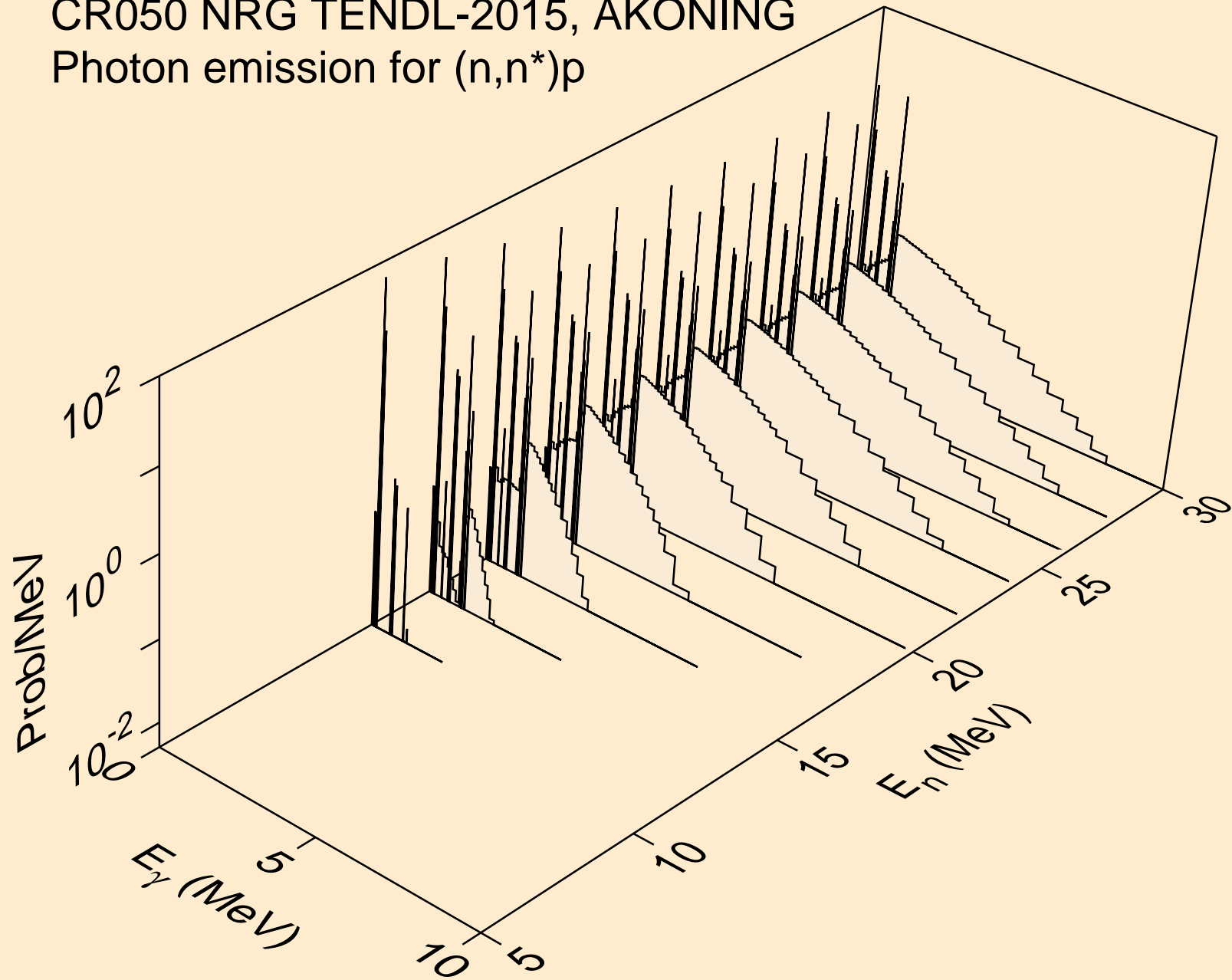




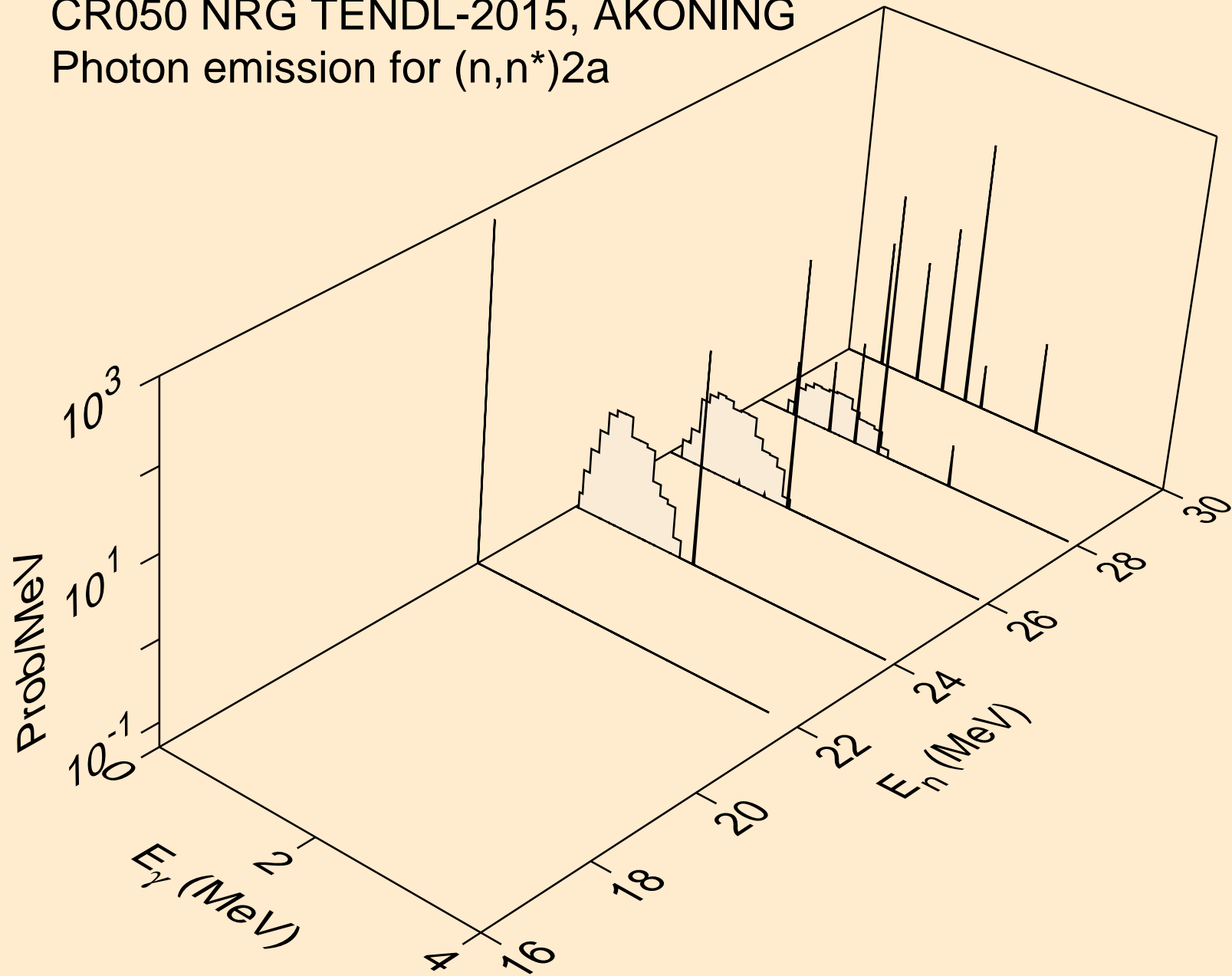
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



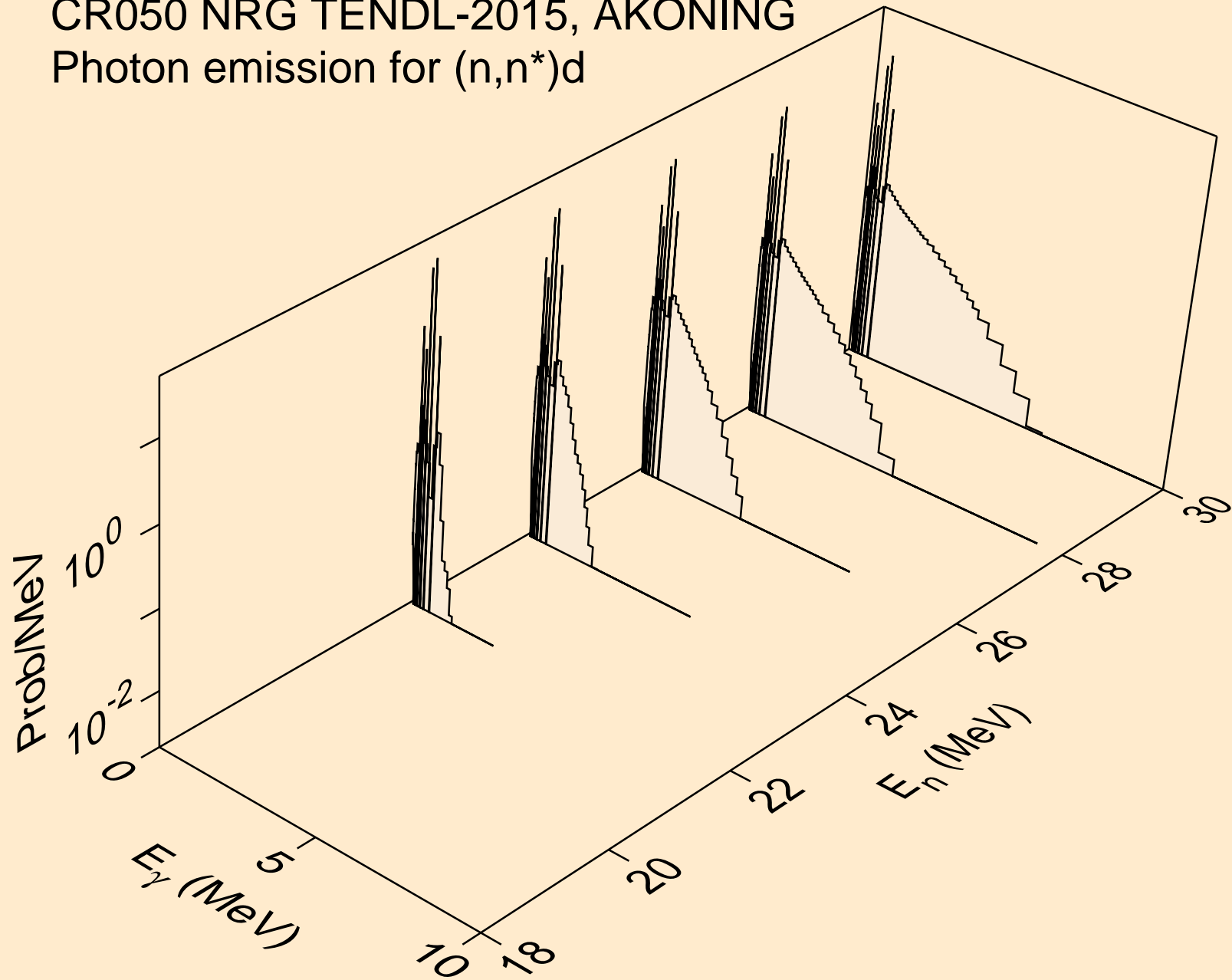
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



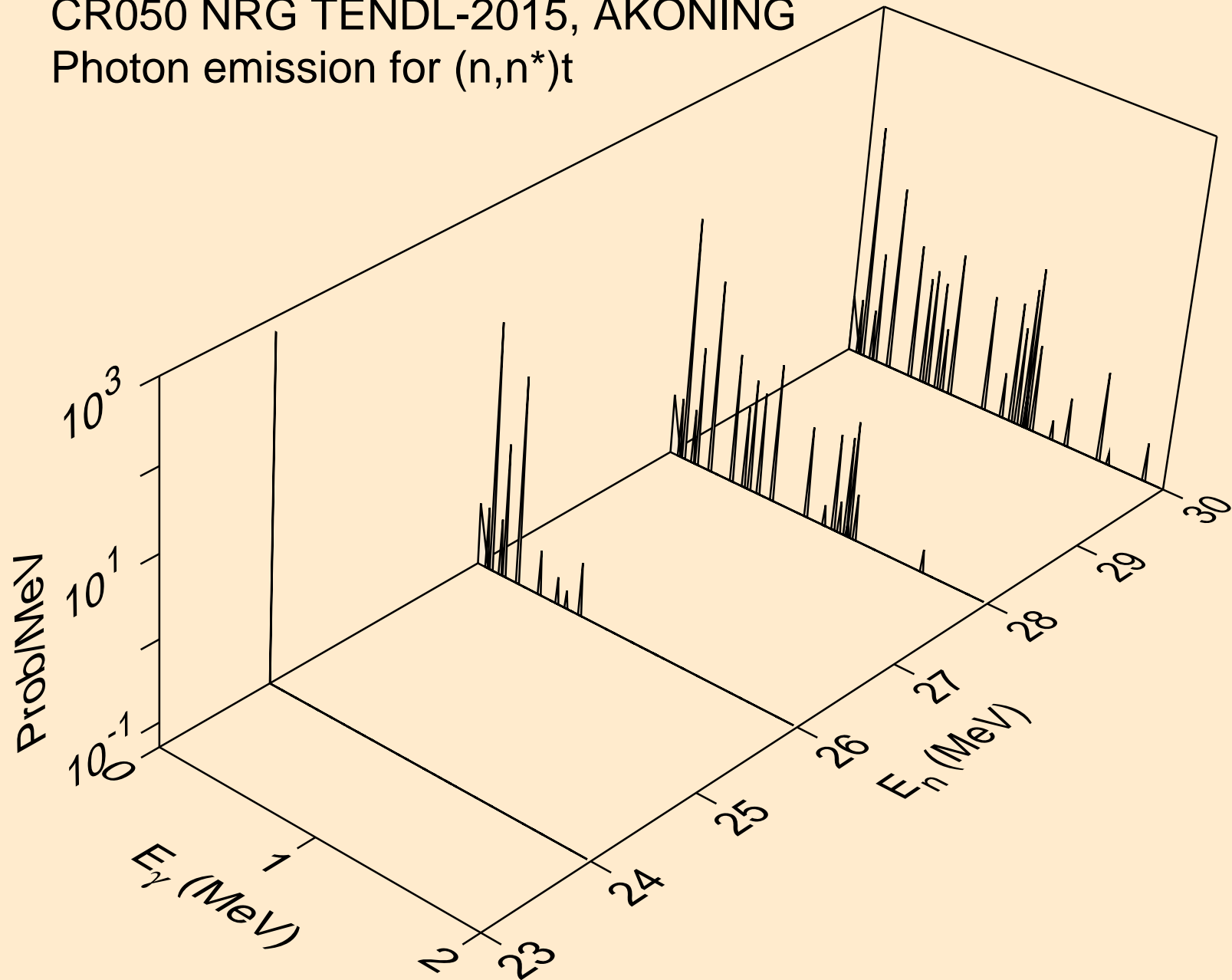
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



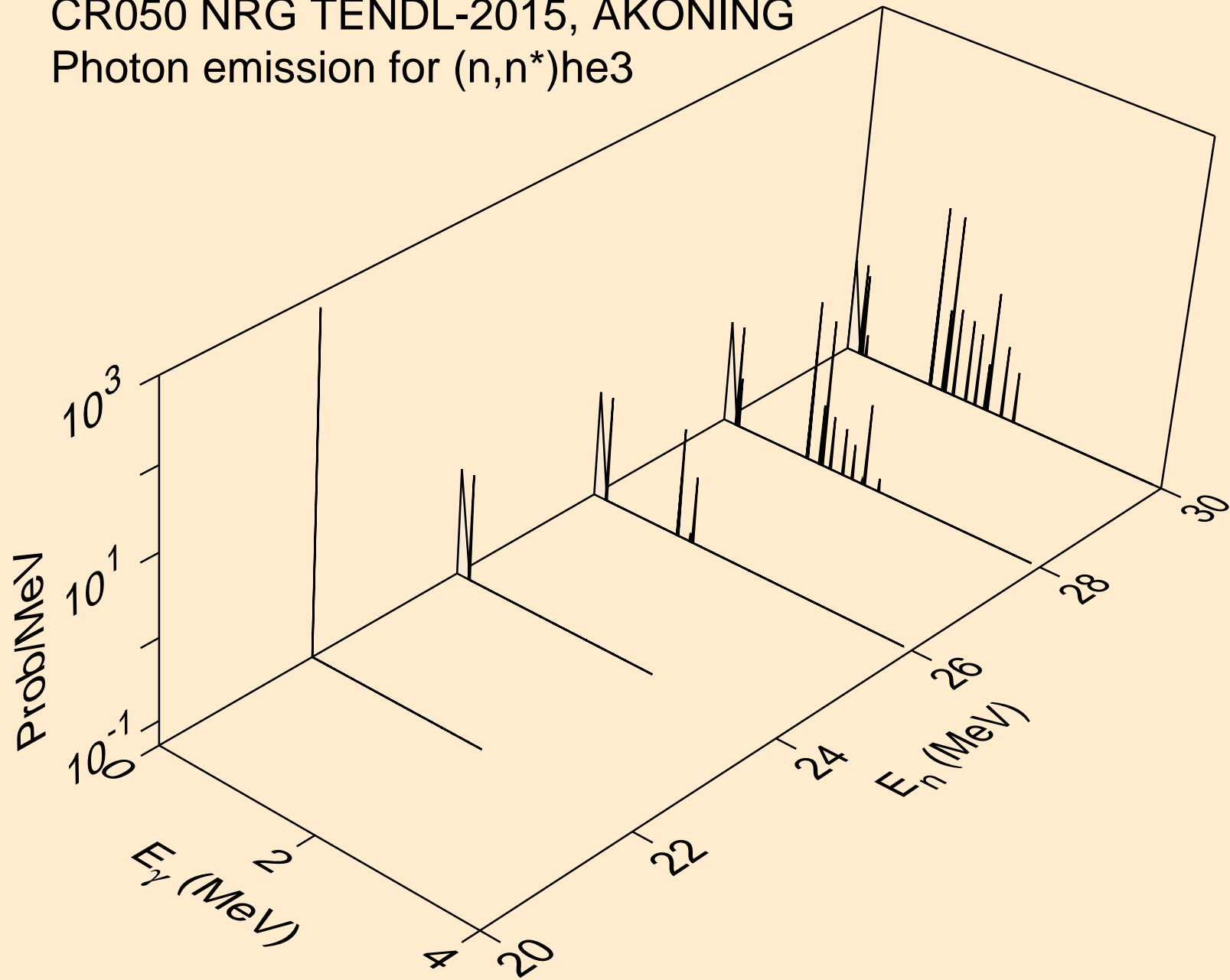
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



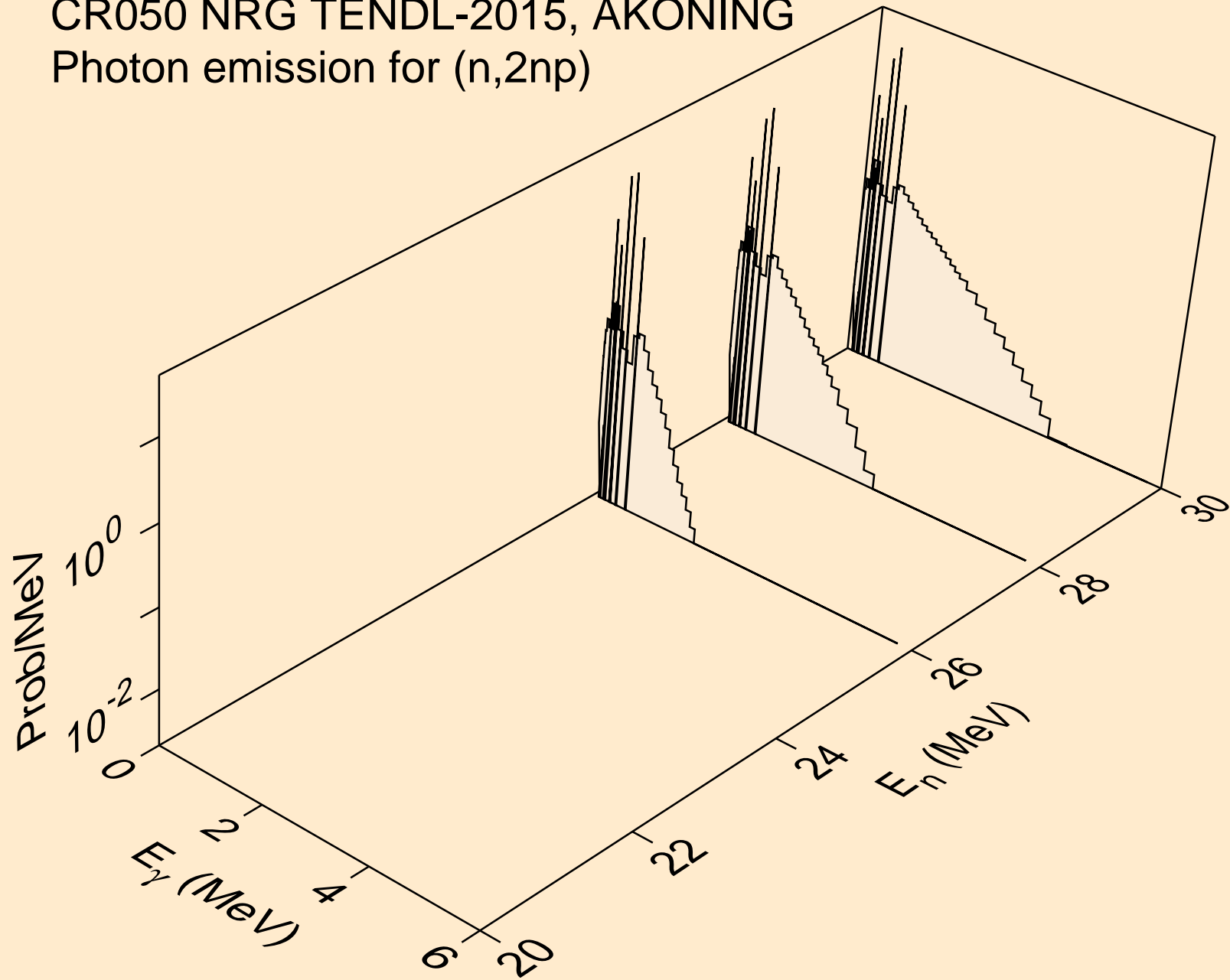
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



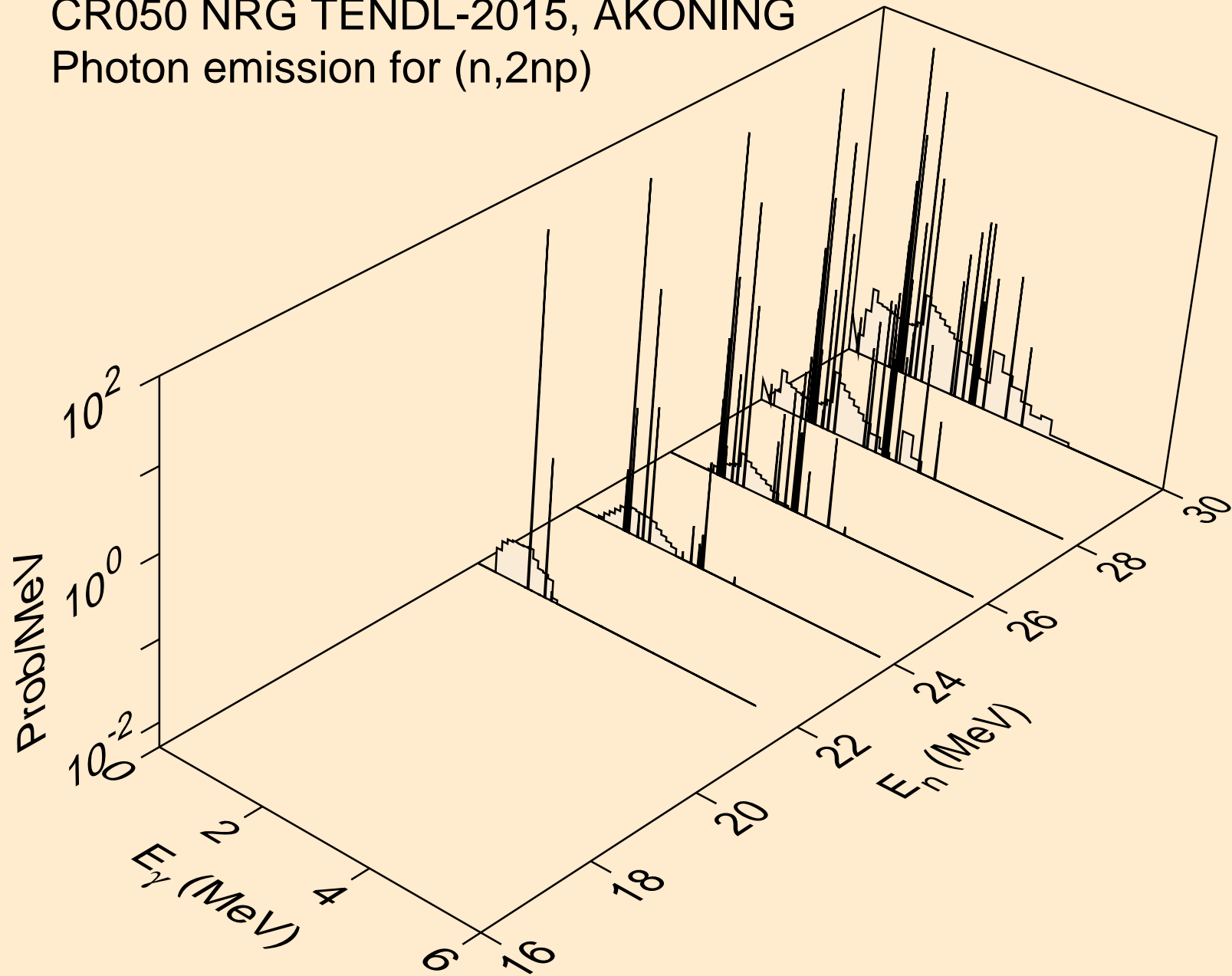
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

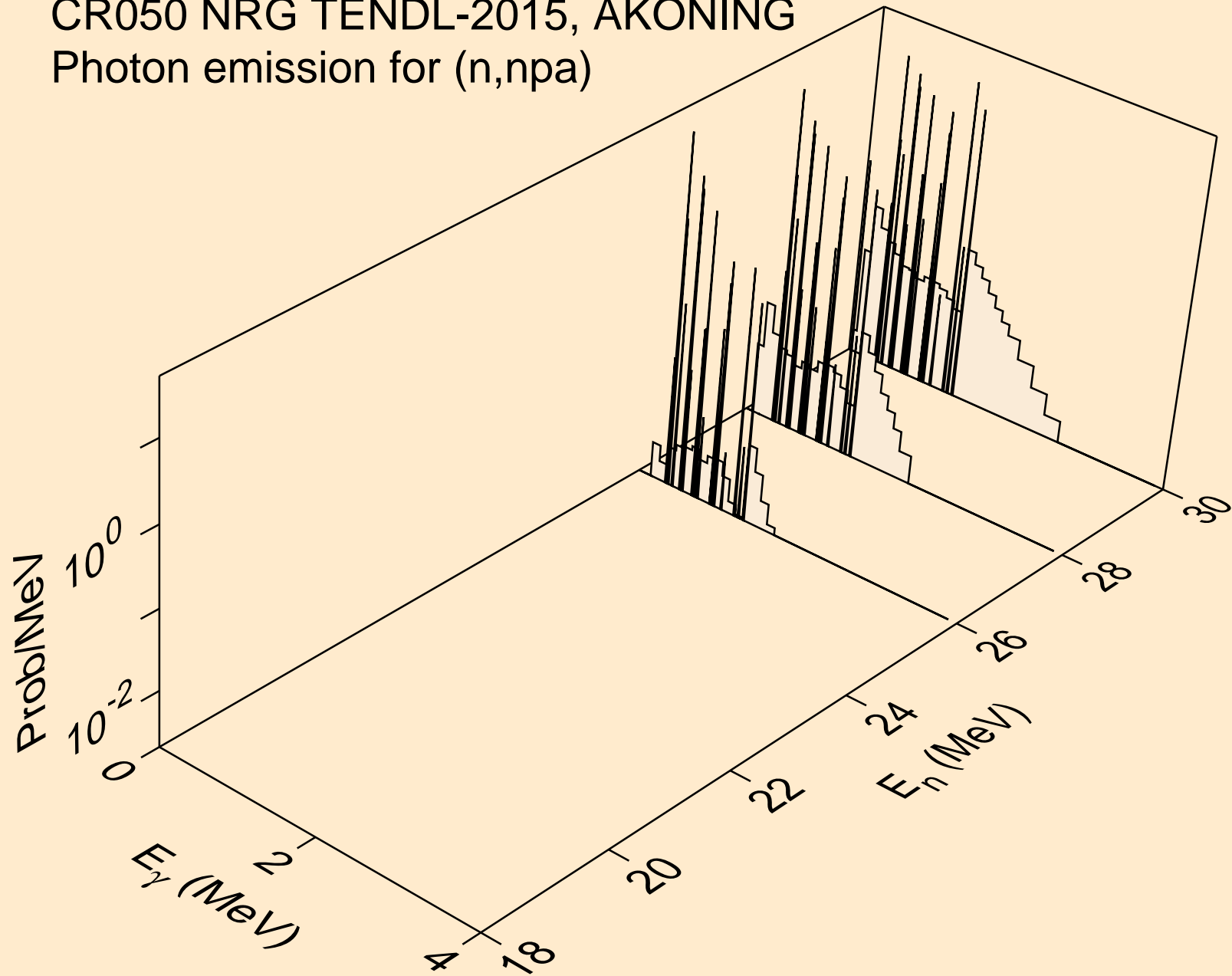


CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

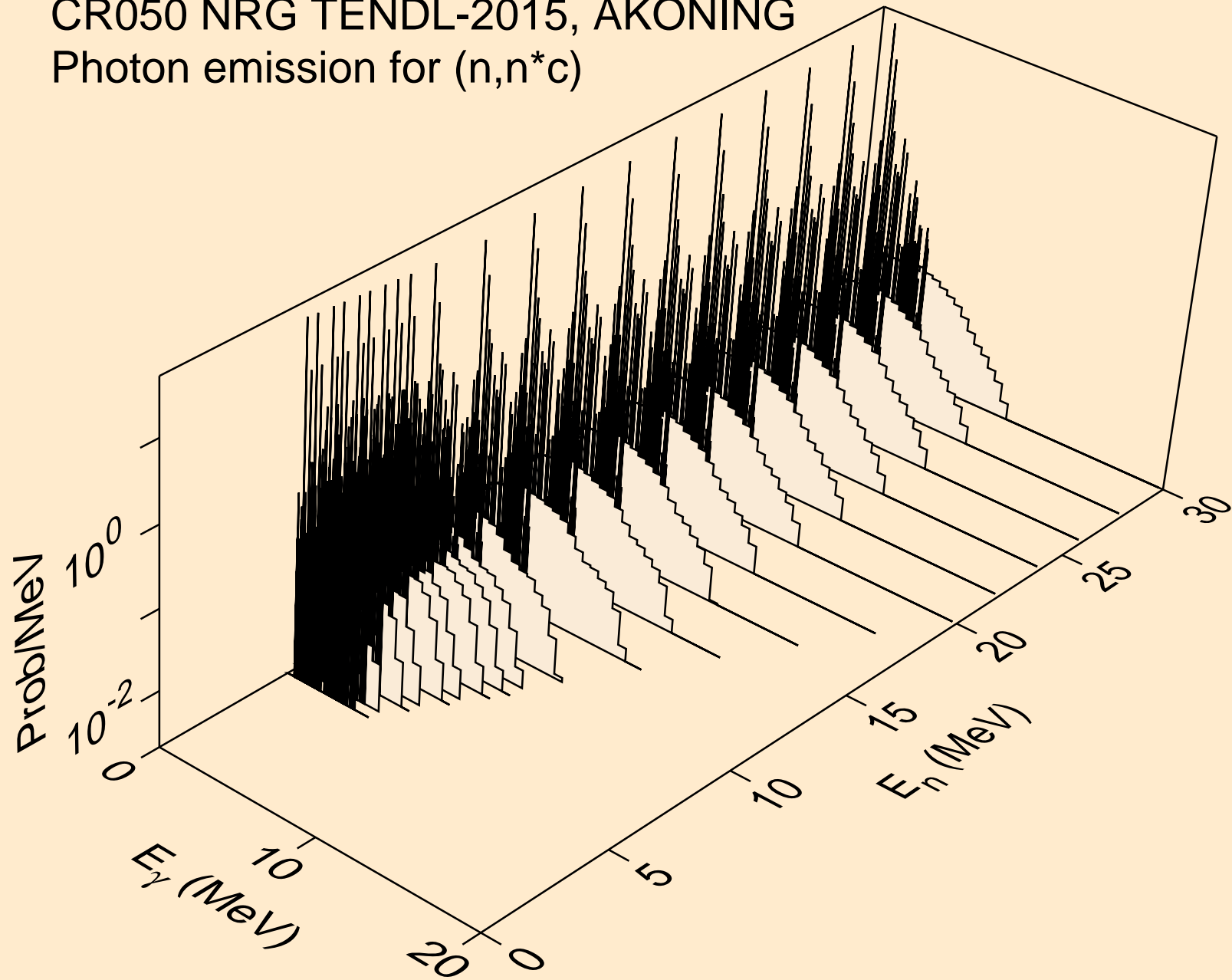




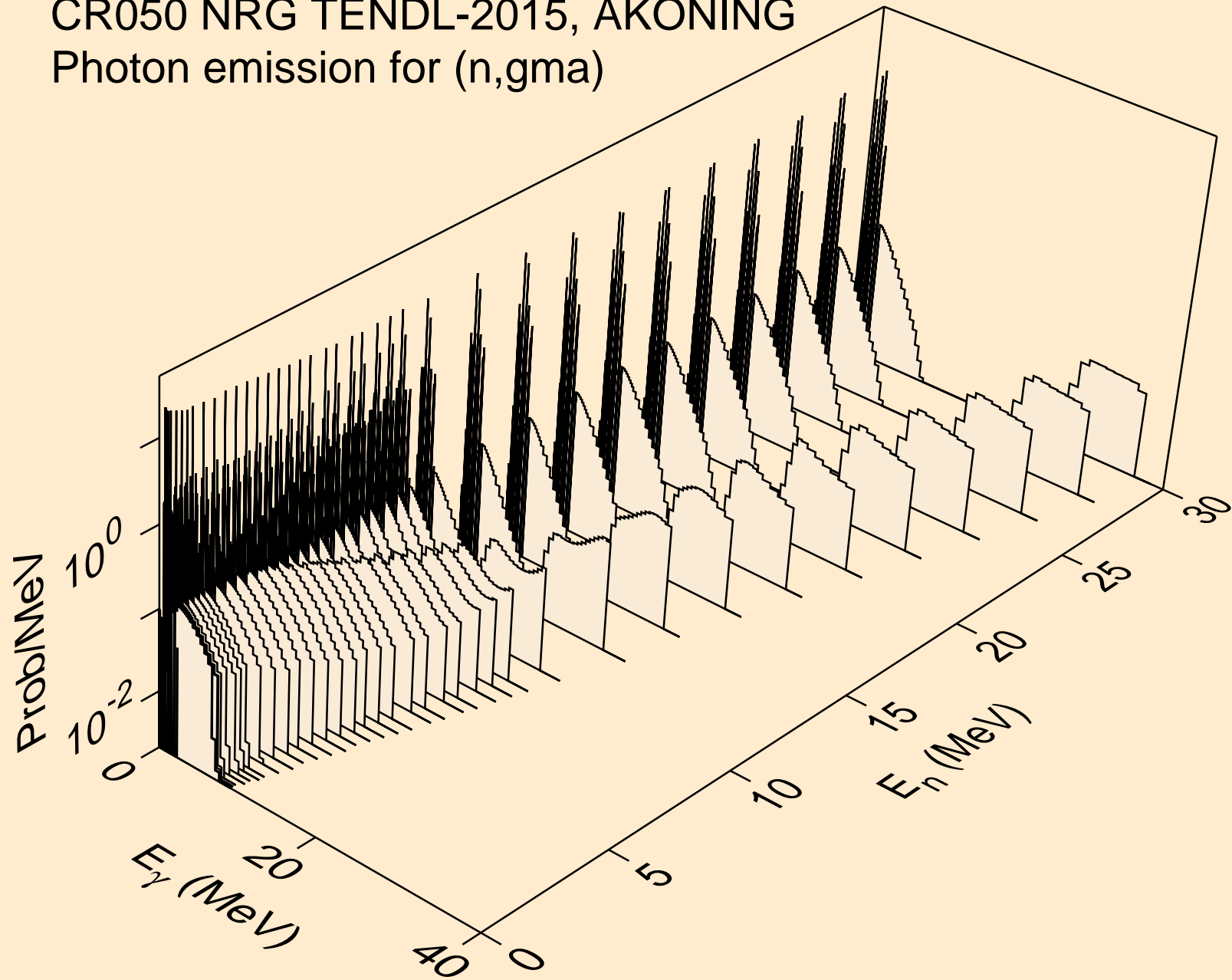
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



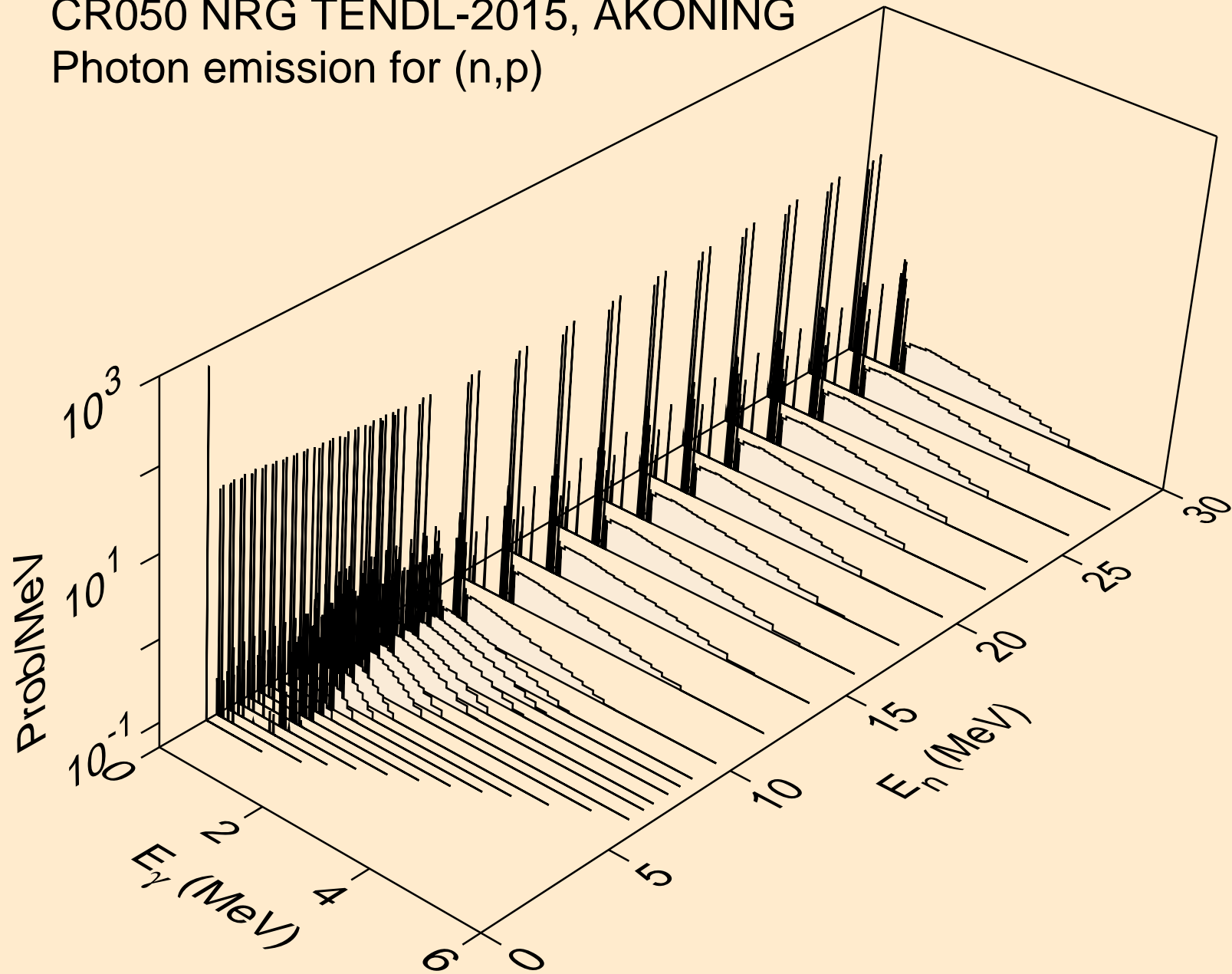
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Photon emission for (n,n\*c)



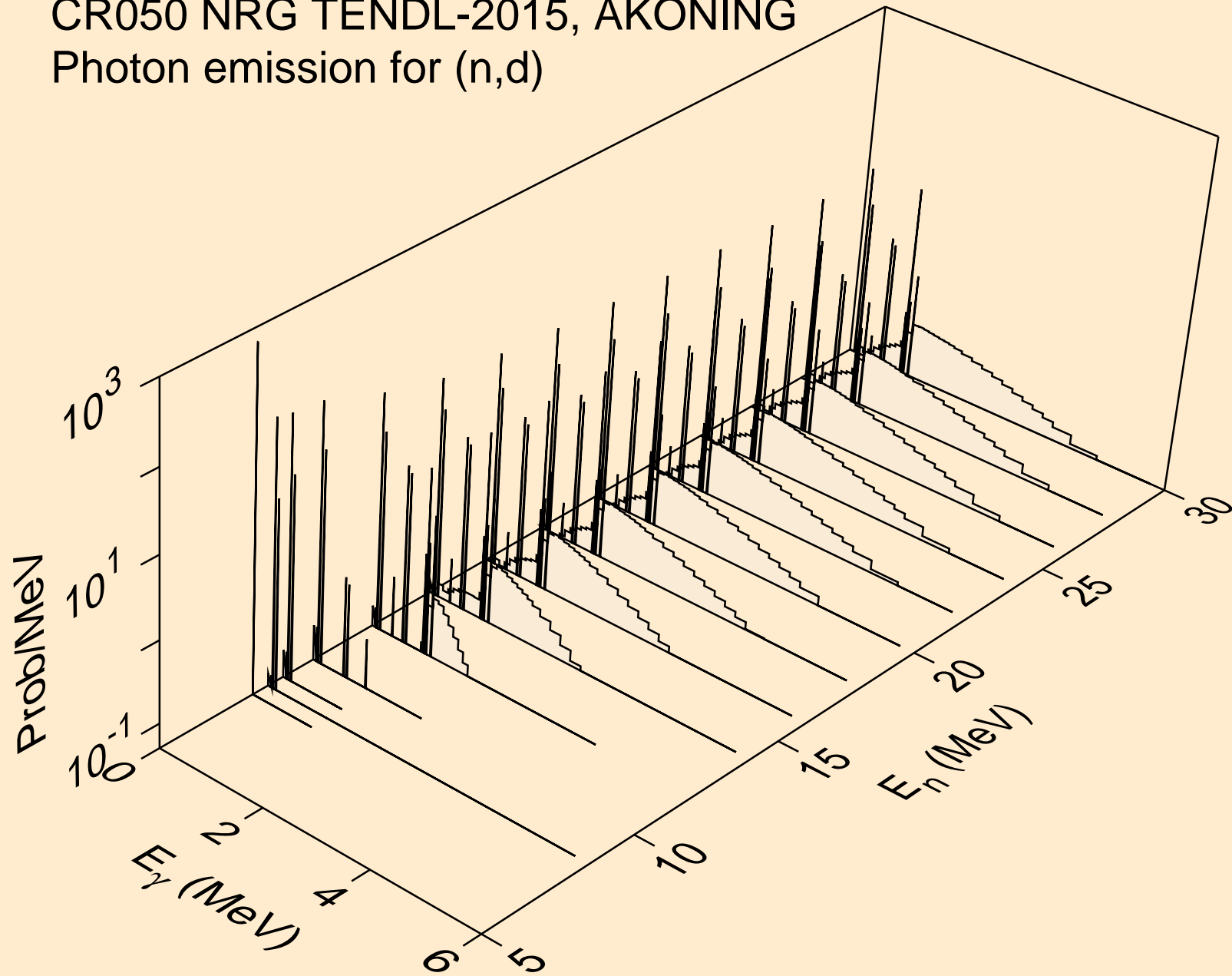
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



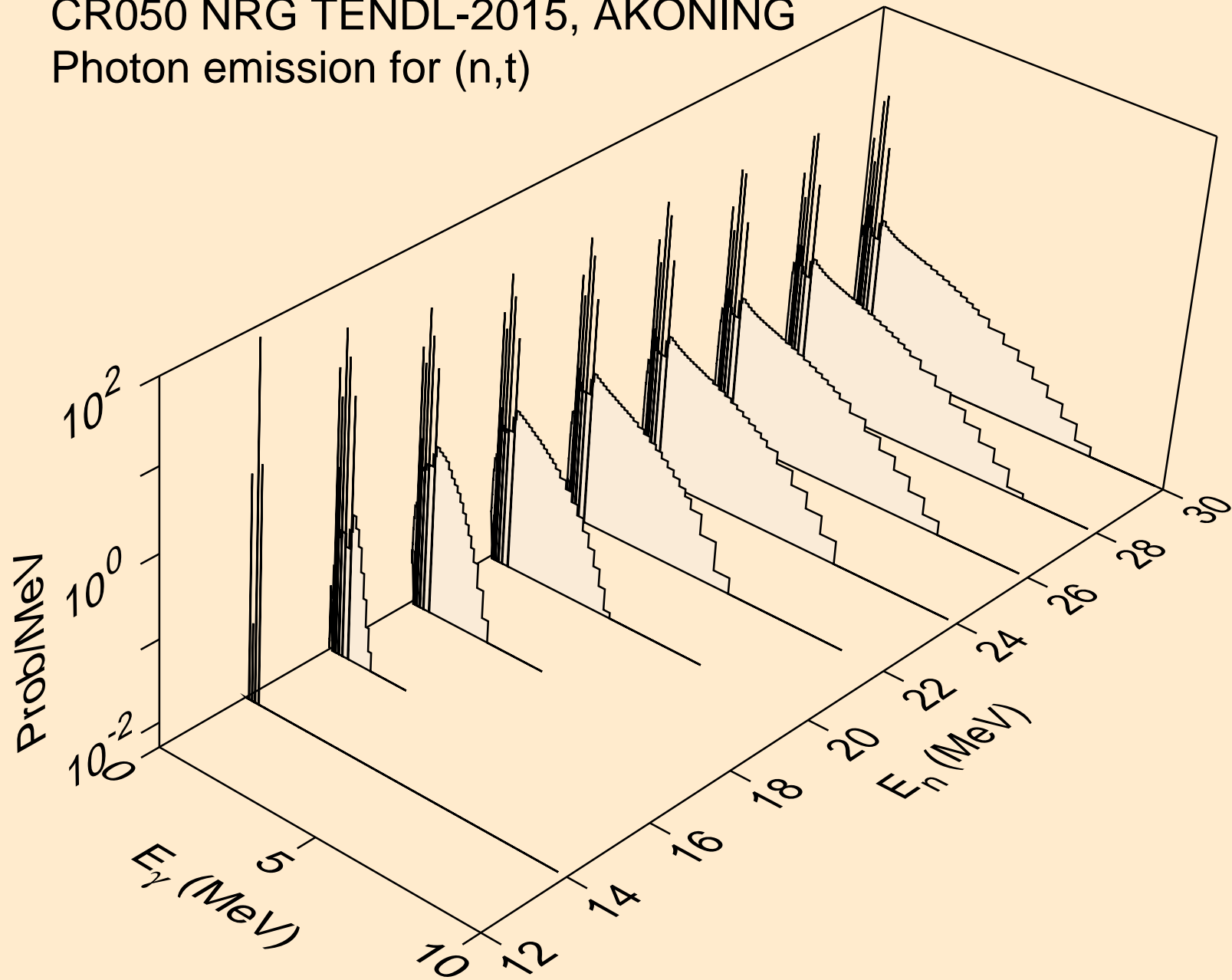
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



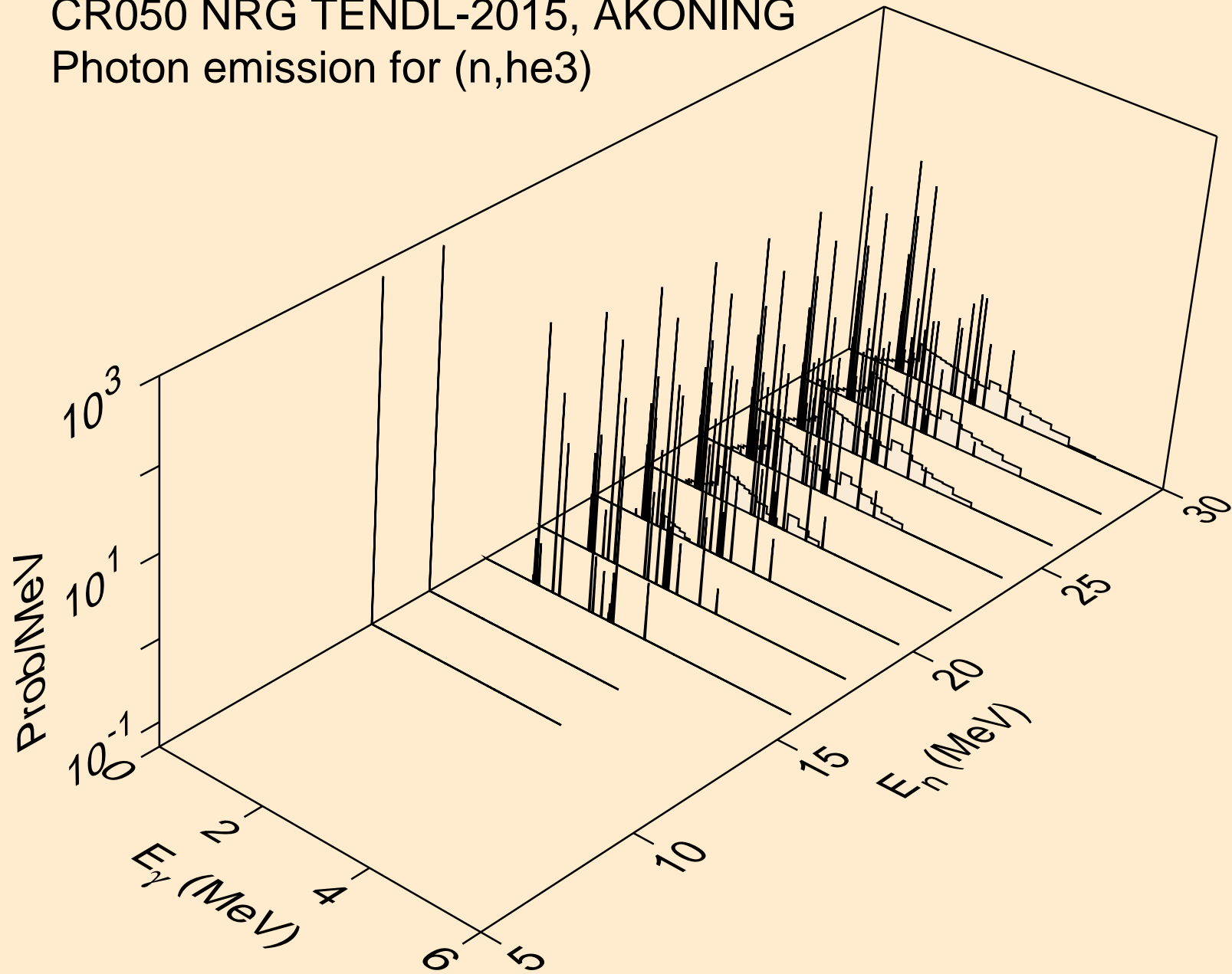
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



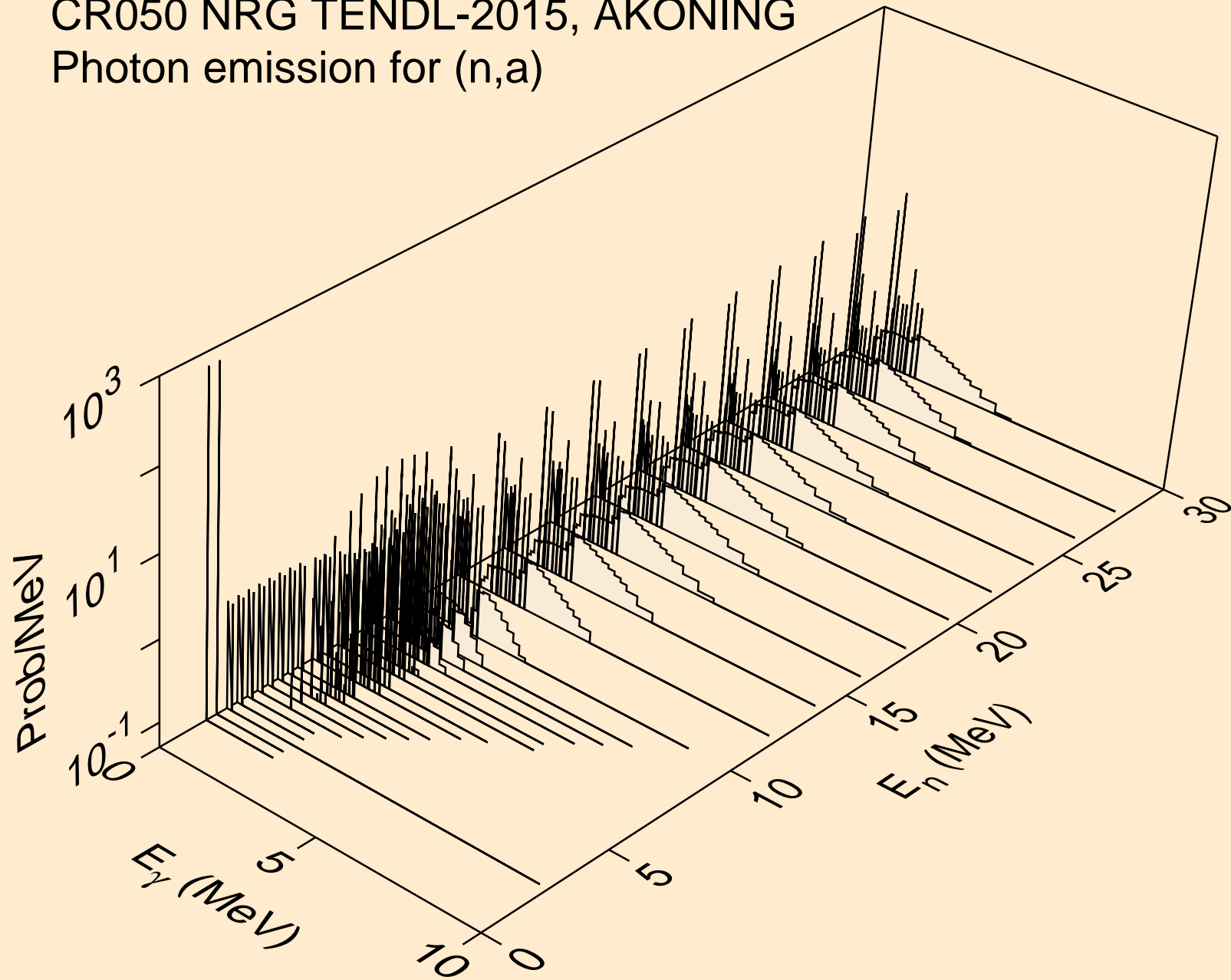
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

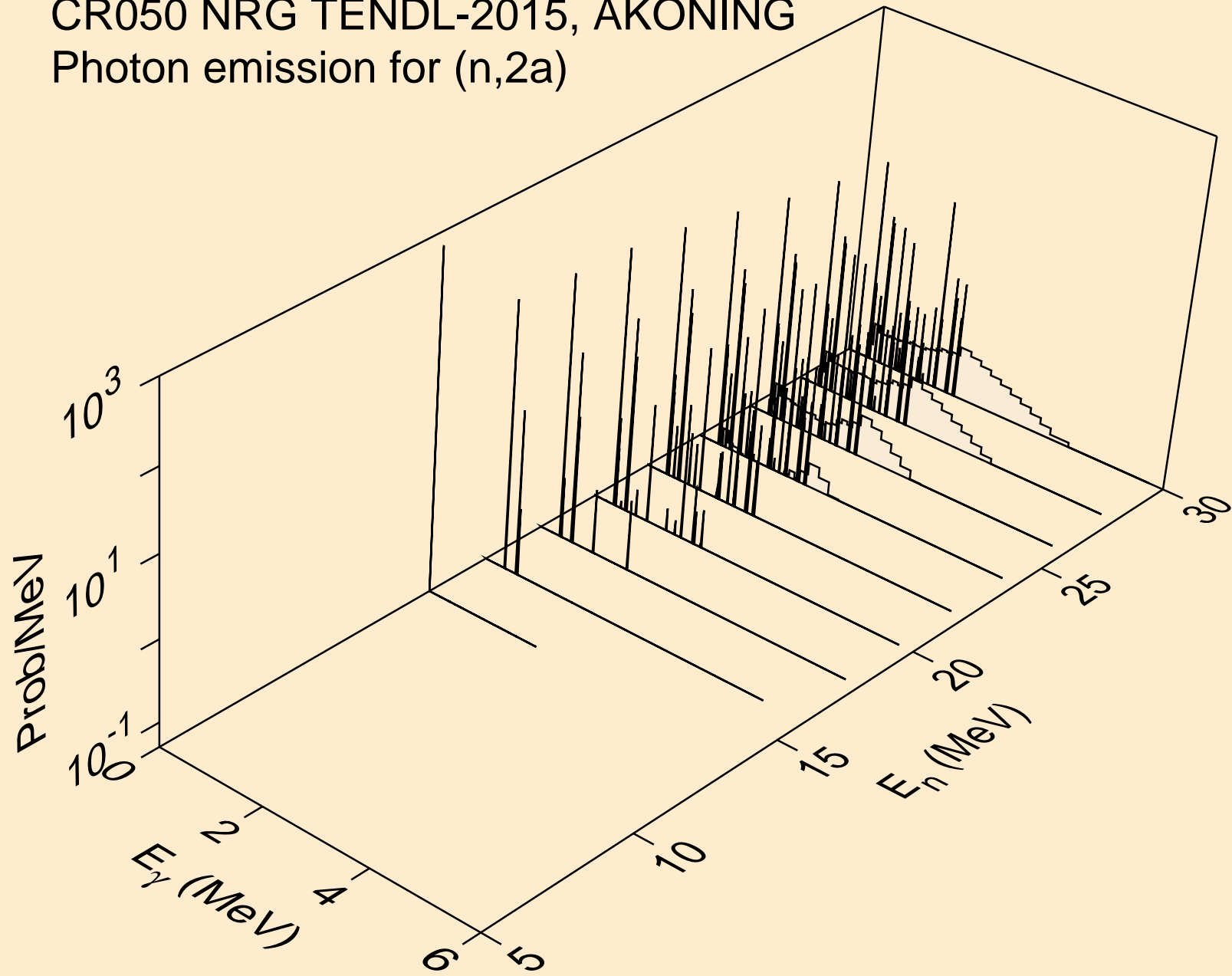


CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

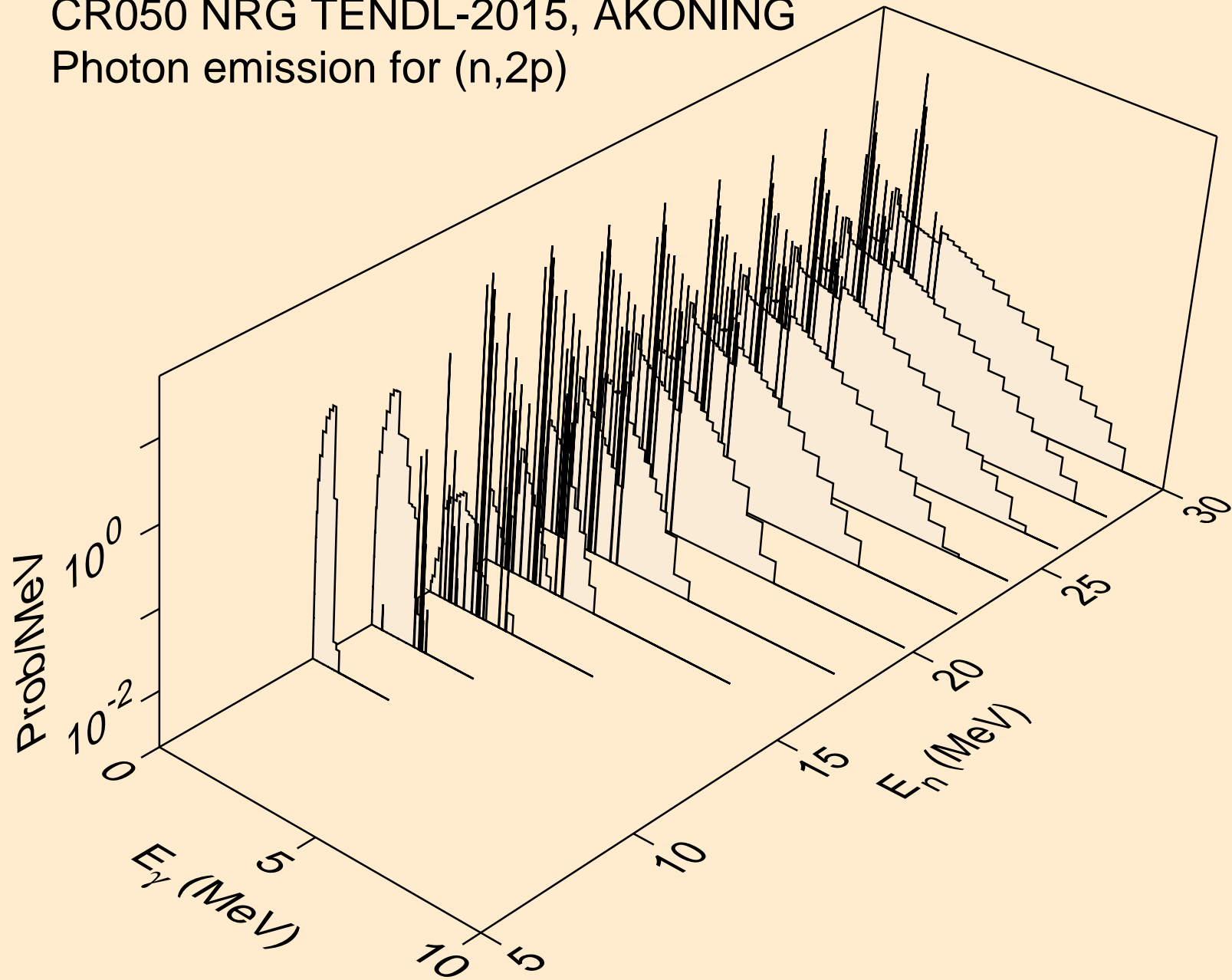




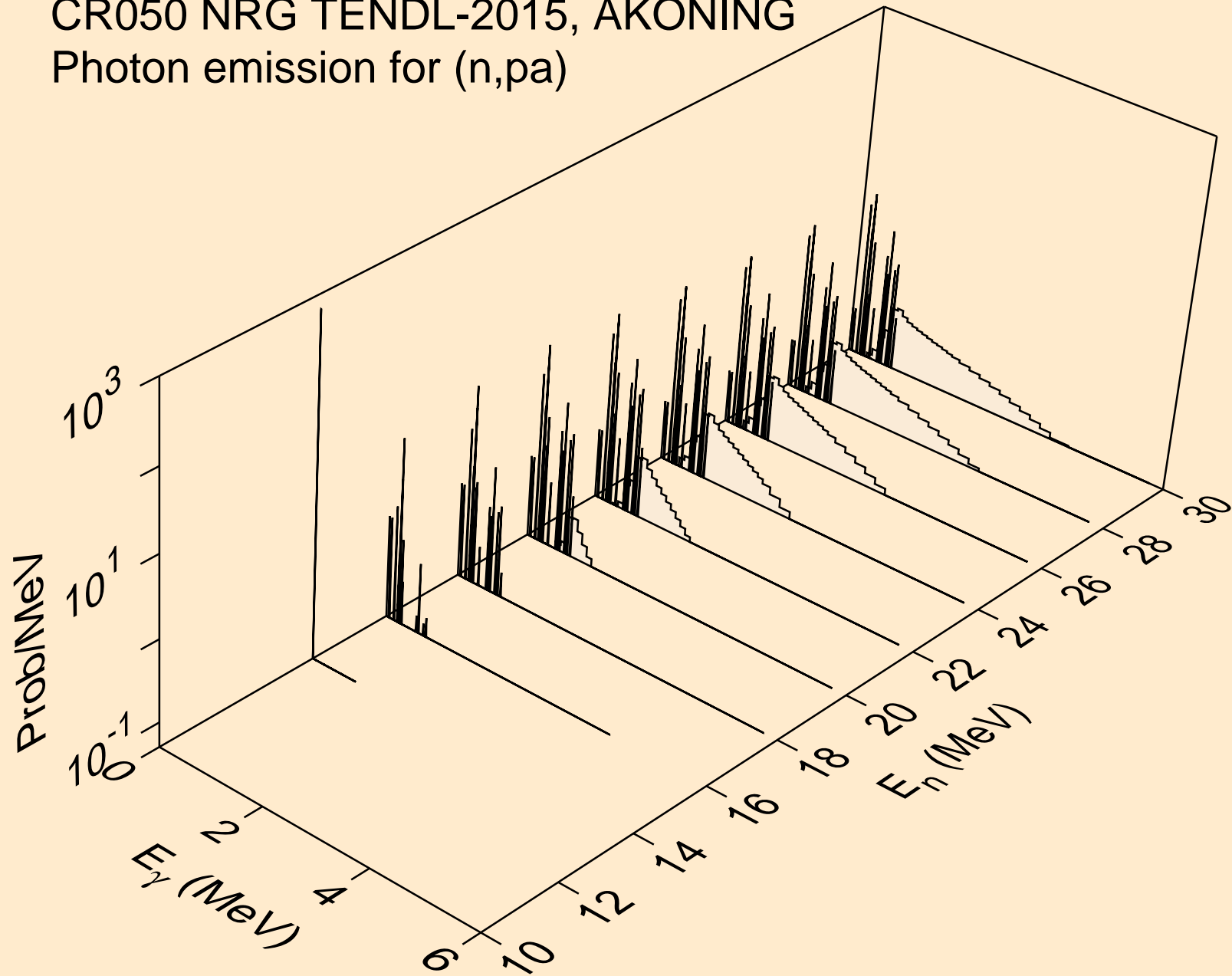
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Photon emission for (n,2a)



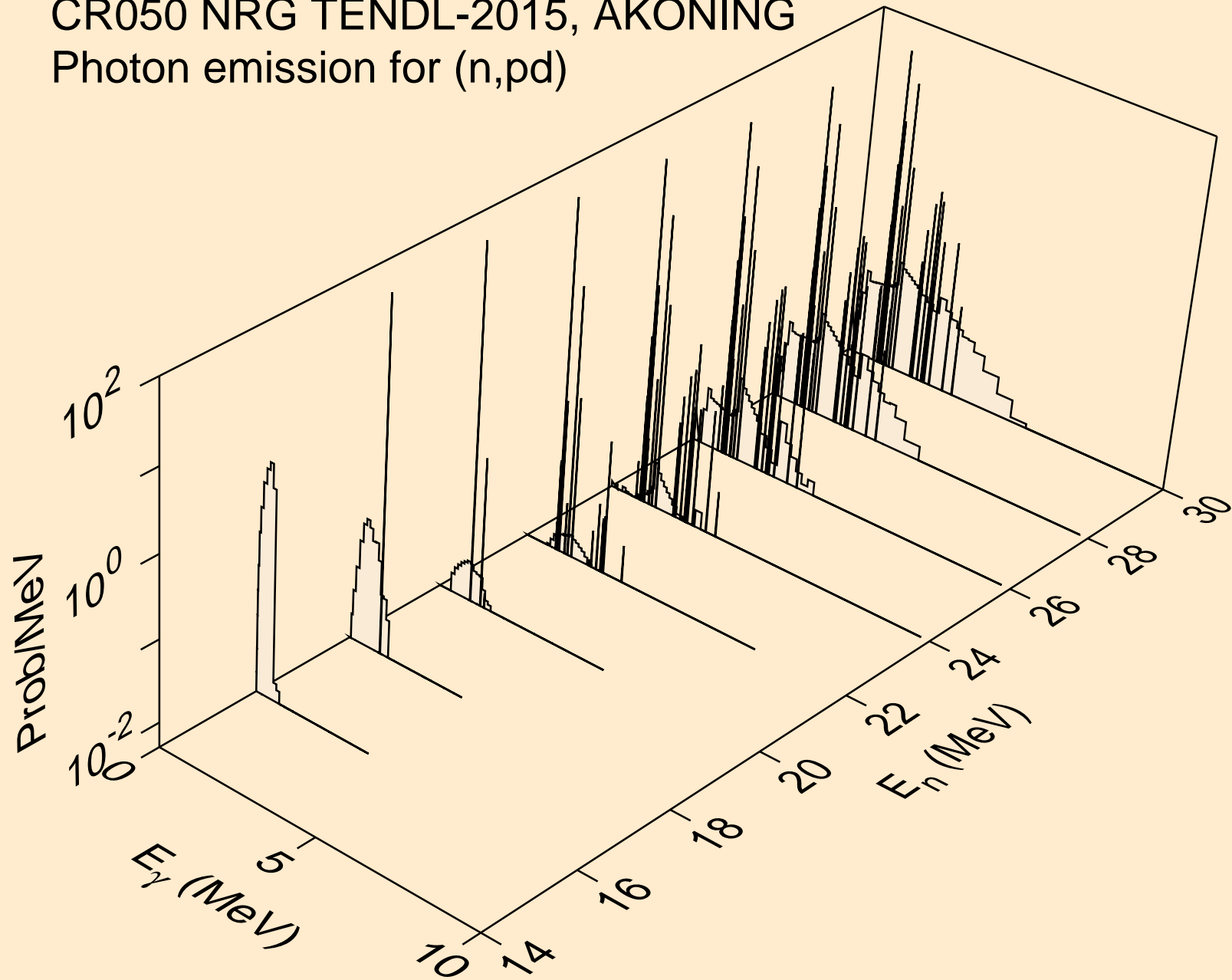
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



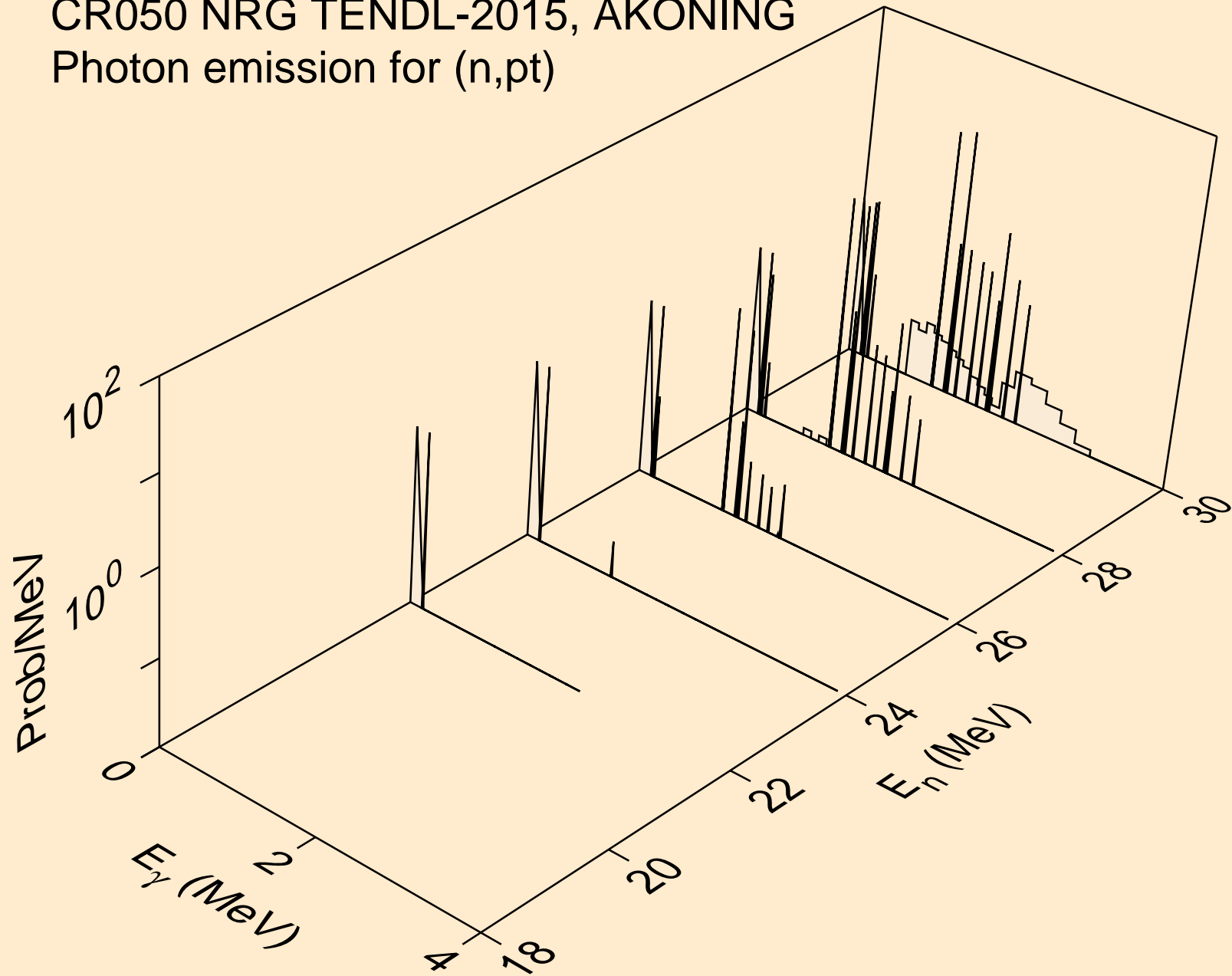
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



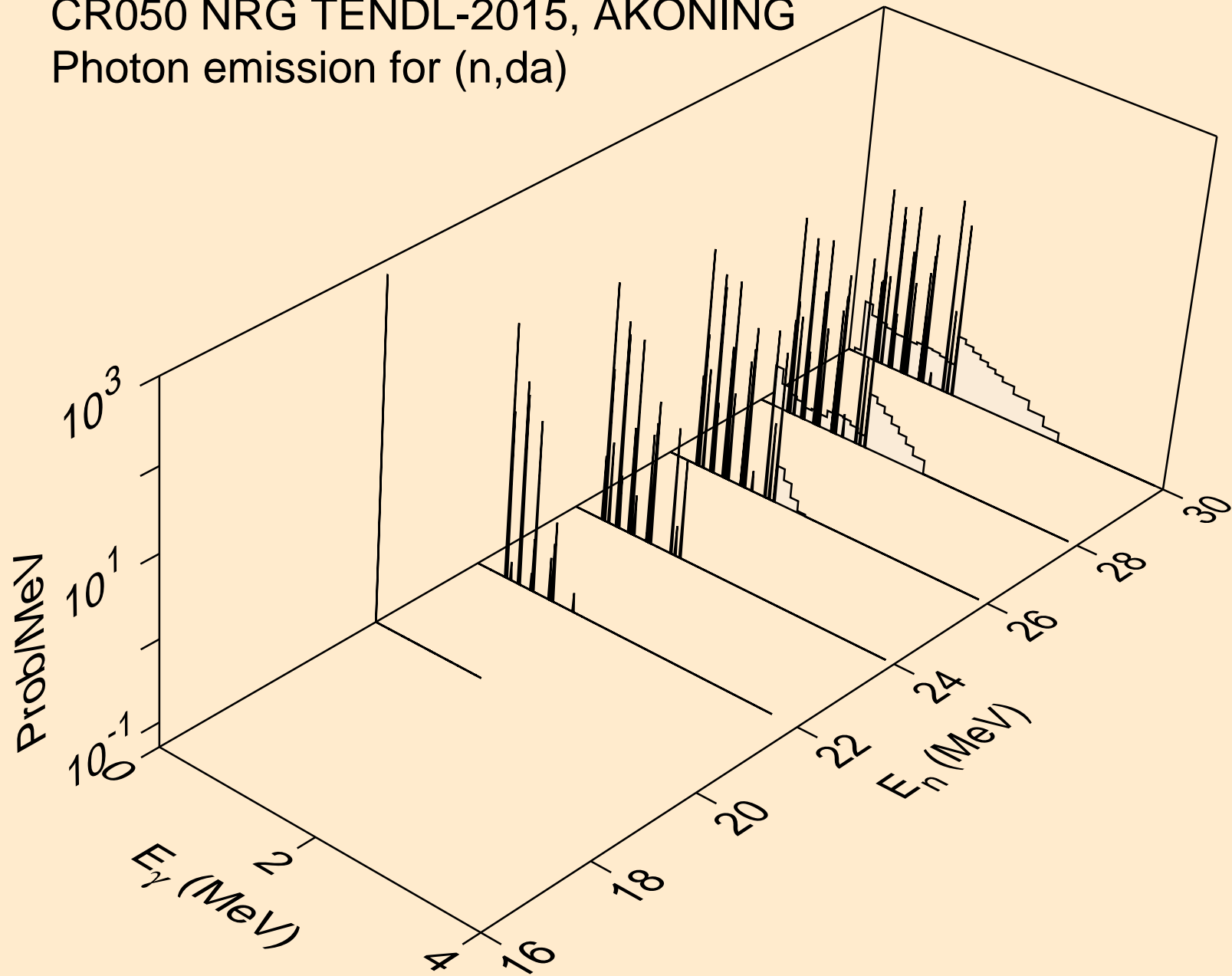
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



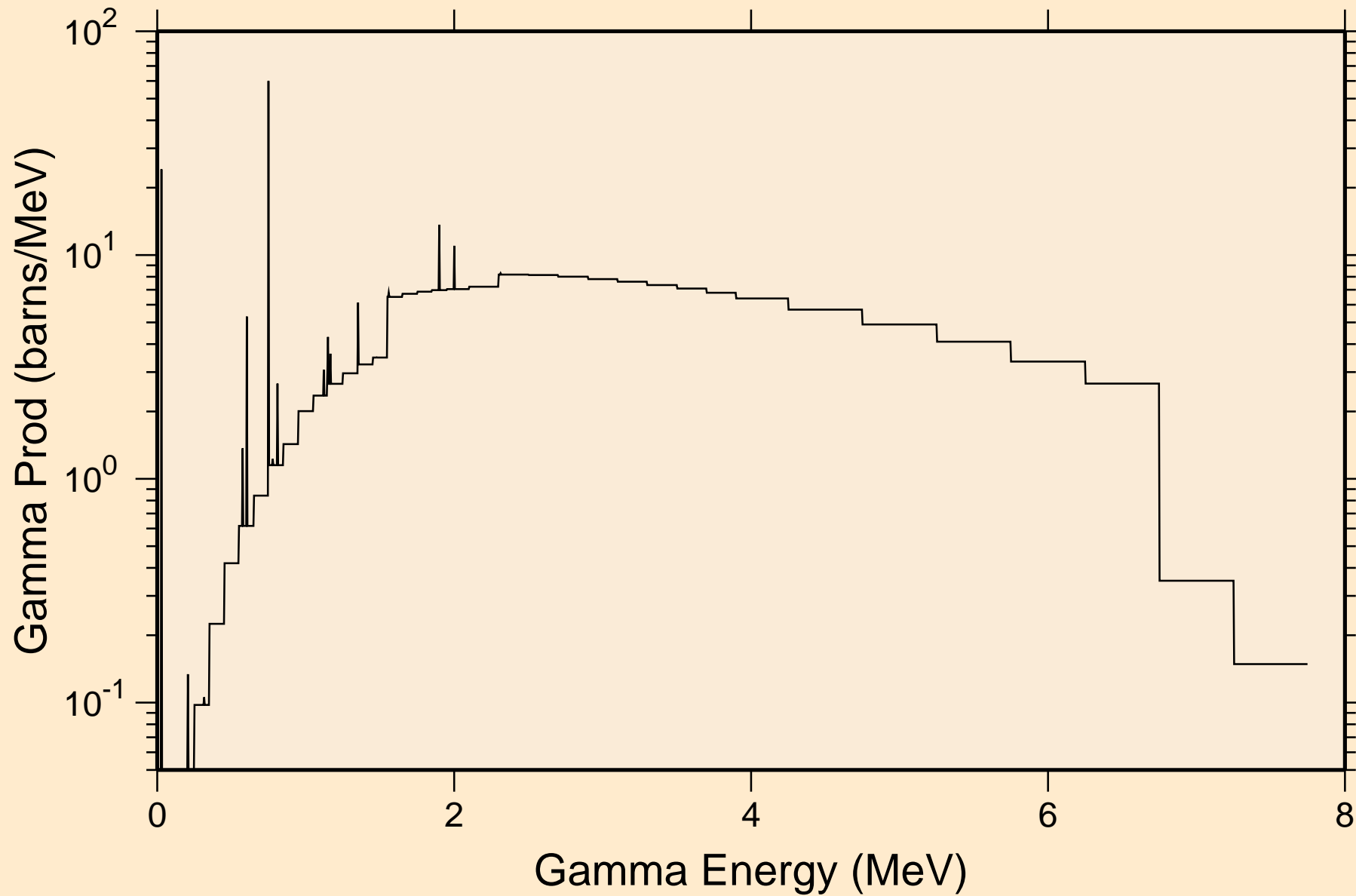
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



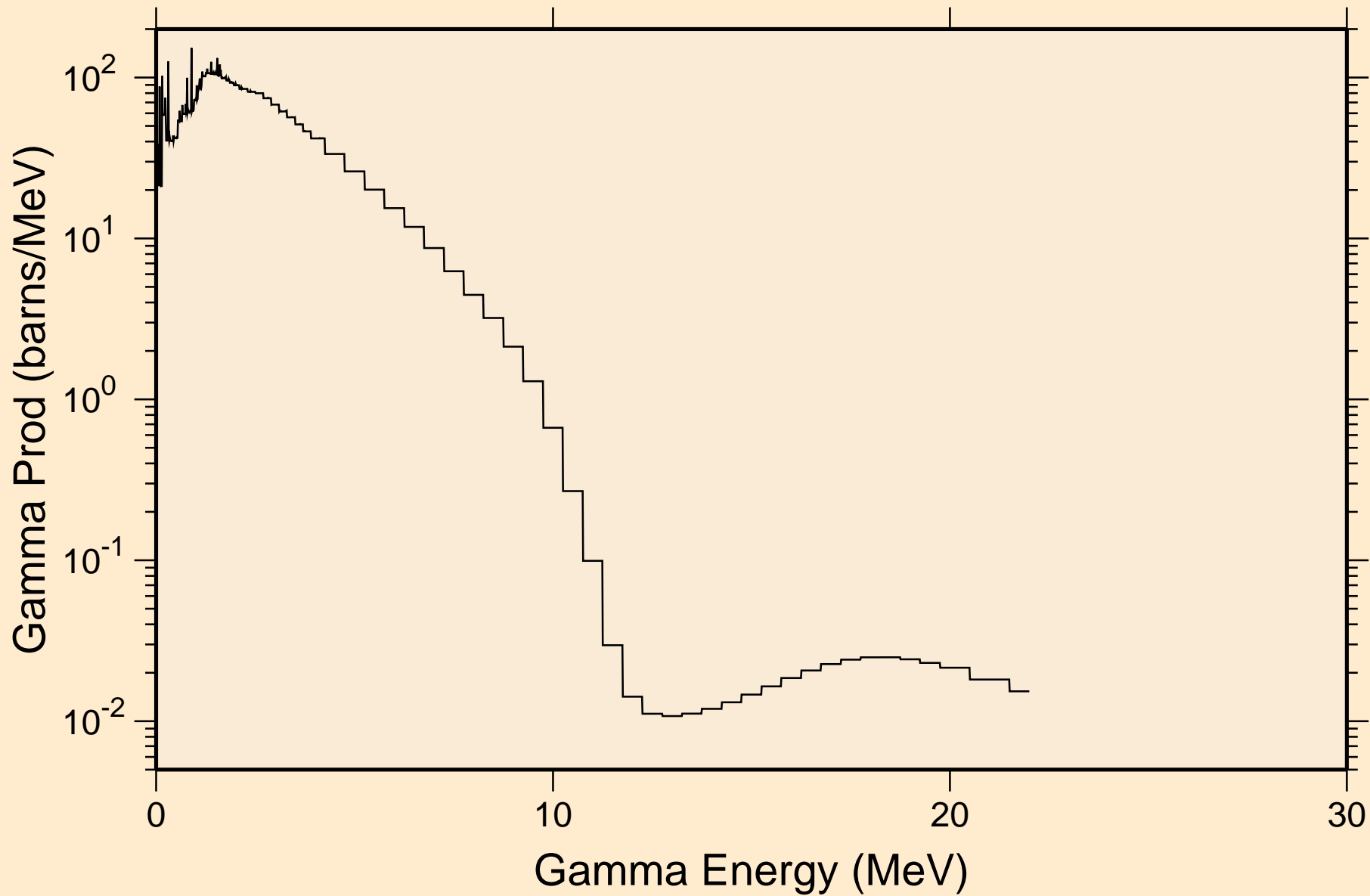
CR050 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CR050 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



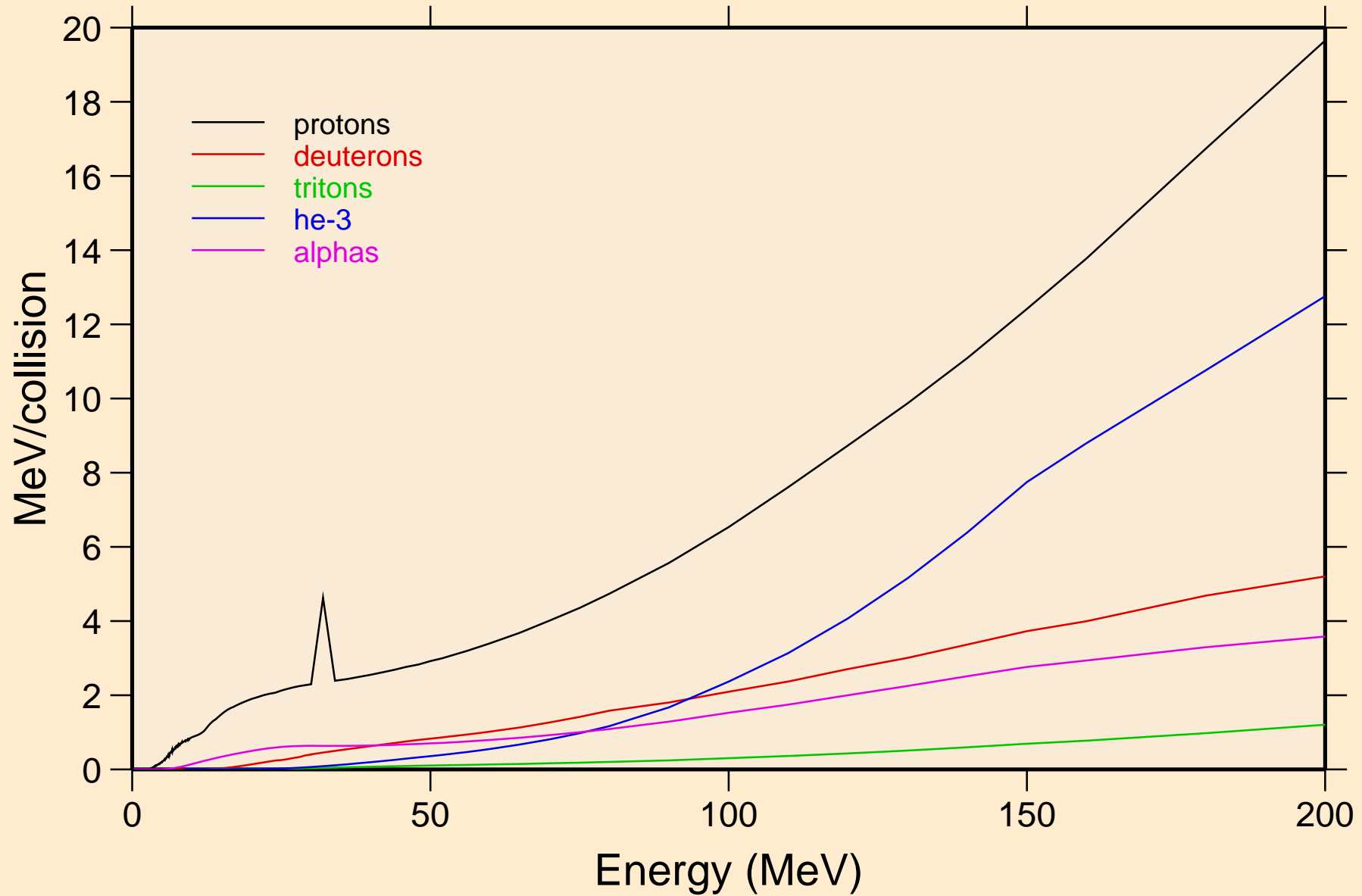
CR050 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





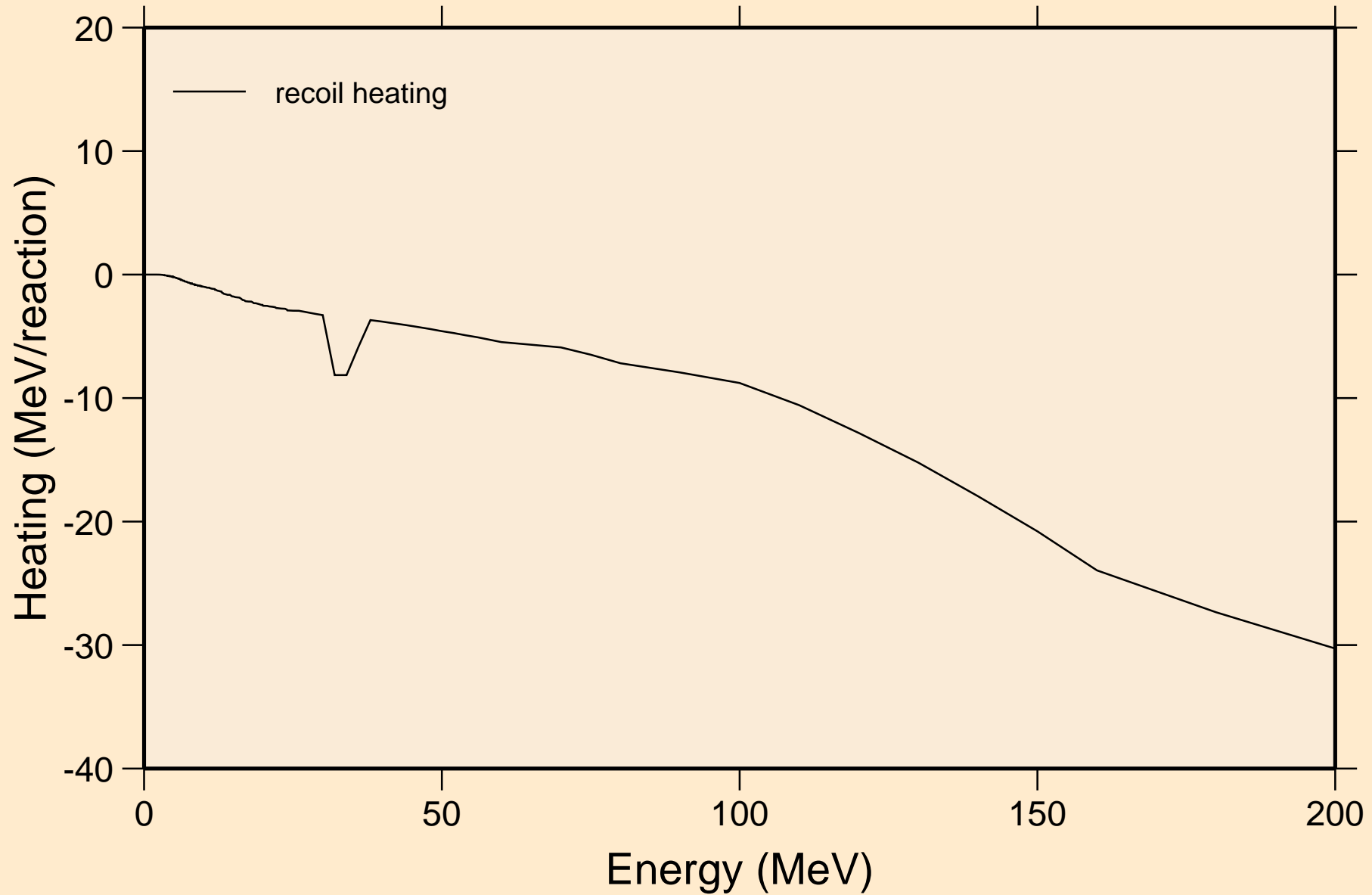
# CR050 NRG TENDL-2015, AKONING

## Particle heating contributions



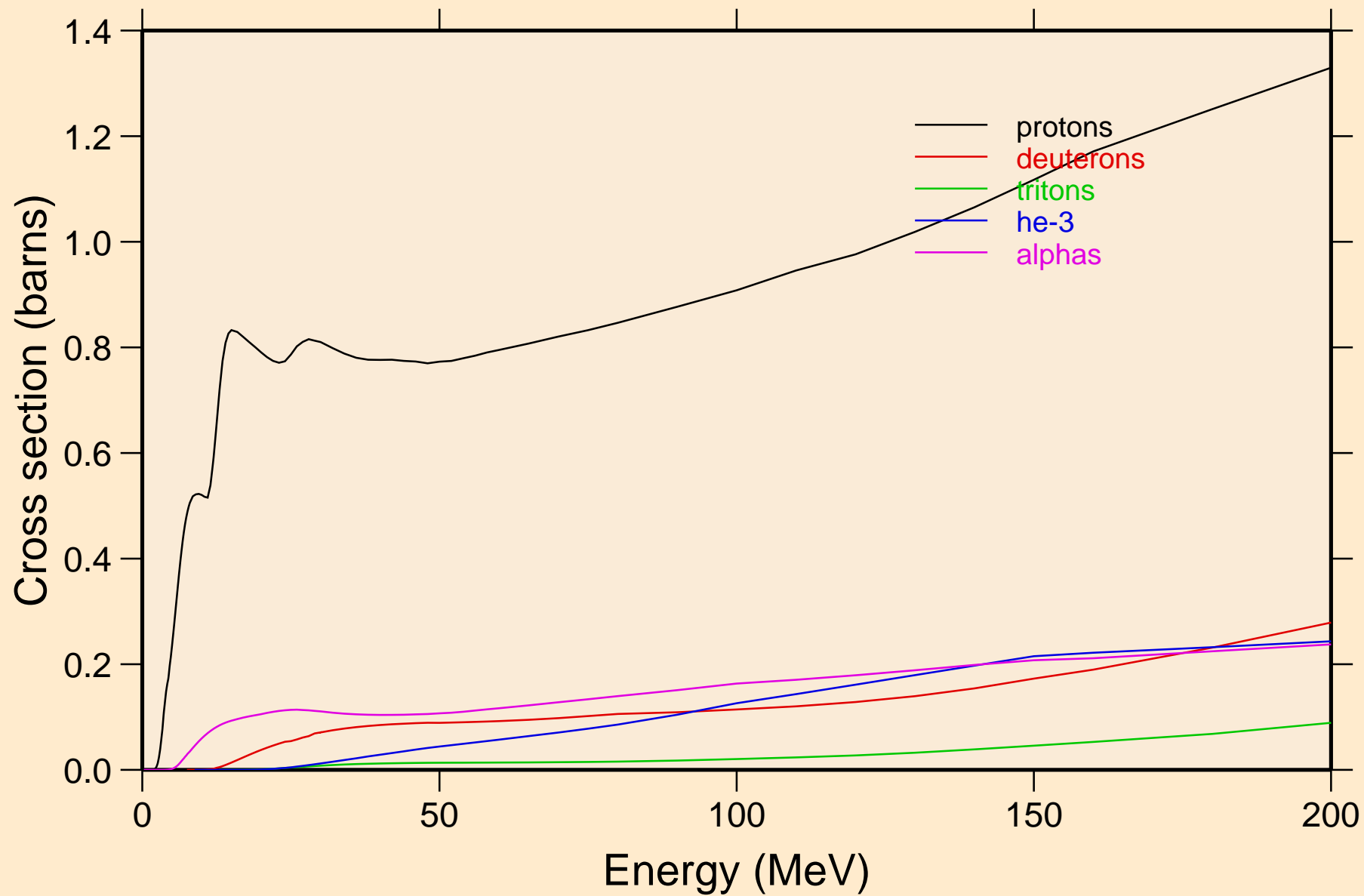
# CR050 NRG TENDL-2015, AKONING

## Recoil Heating

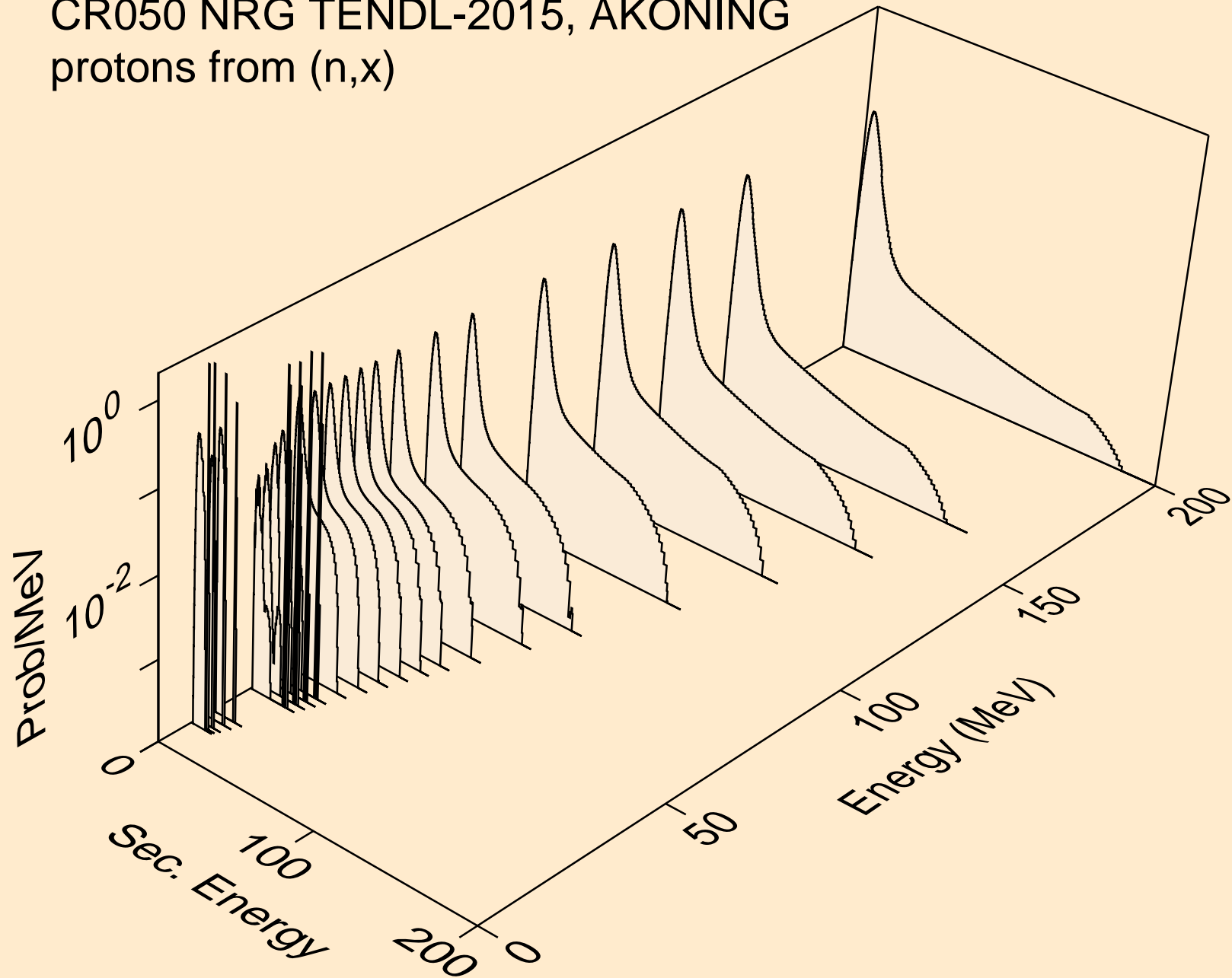


# CR050 NRG TENDL-2015, AKONING

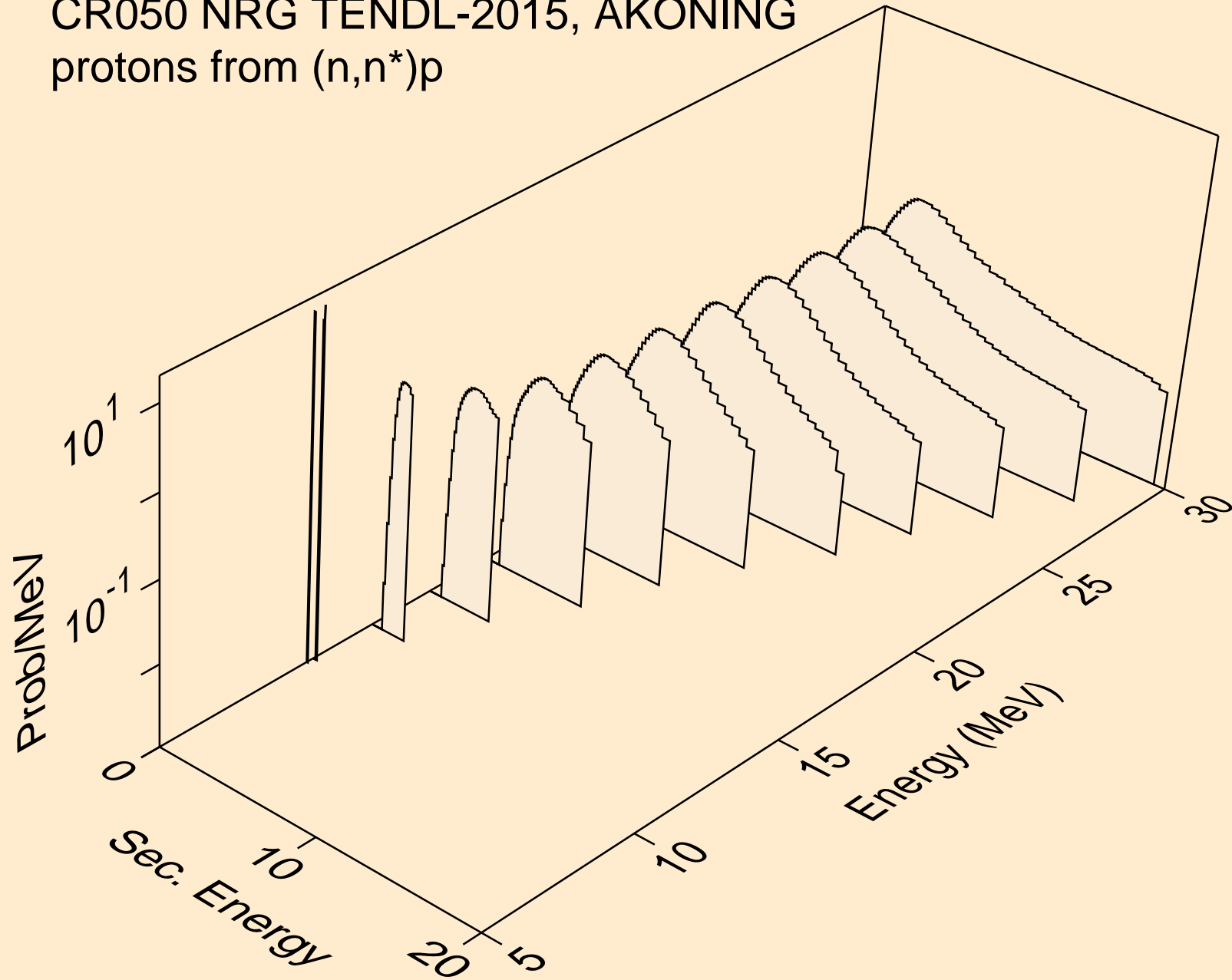
## Particle production cross sections



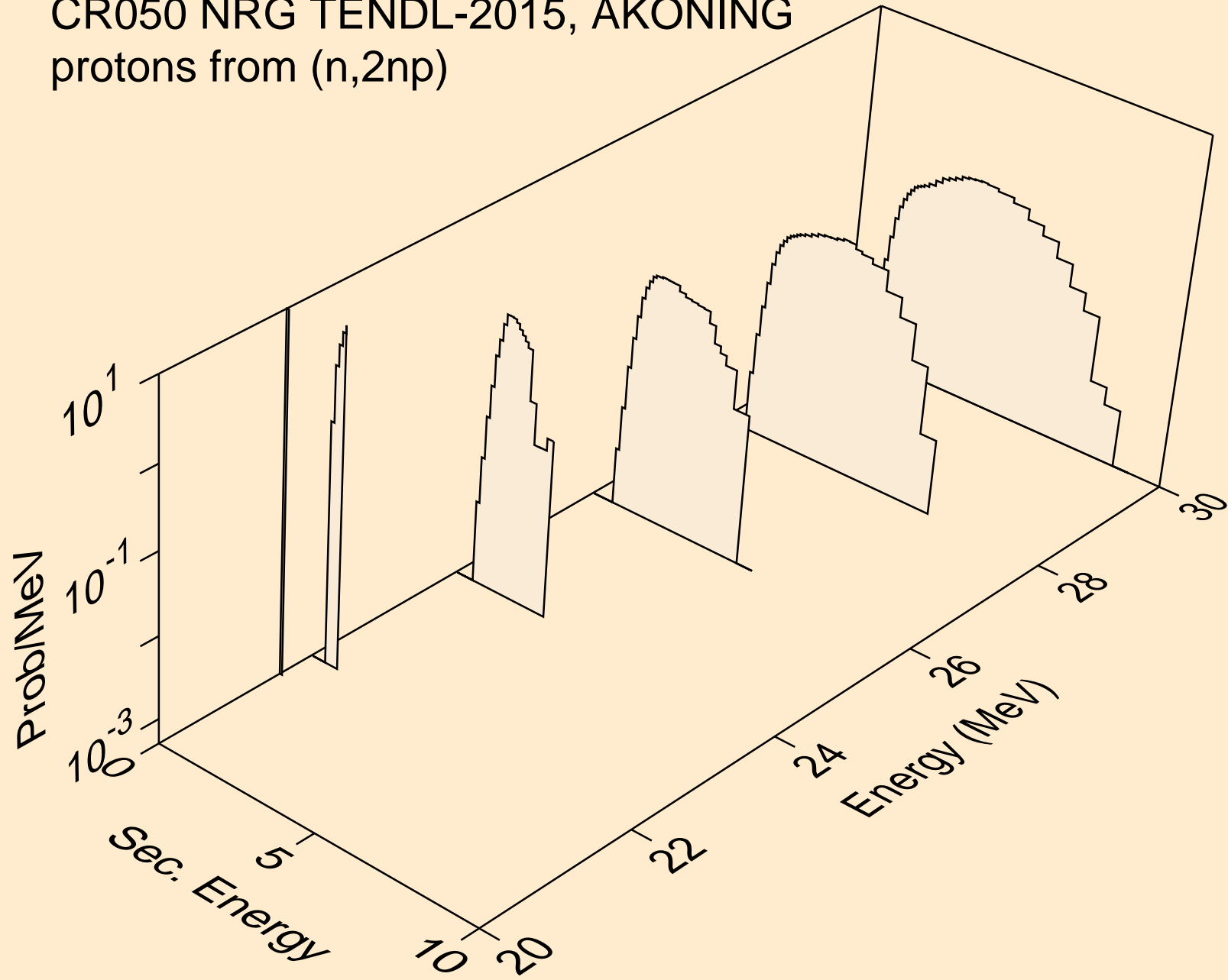
CR050 NRG TENDL-2015, AKONING  
protons from (n,x)



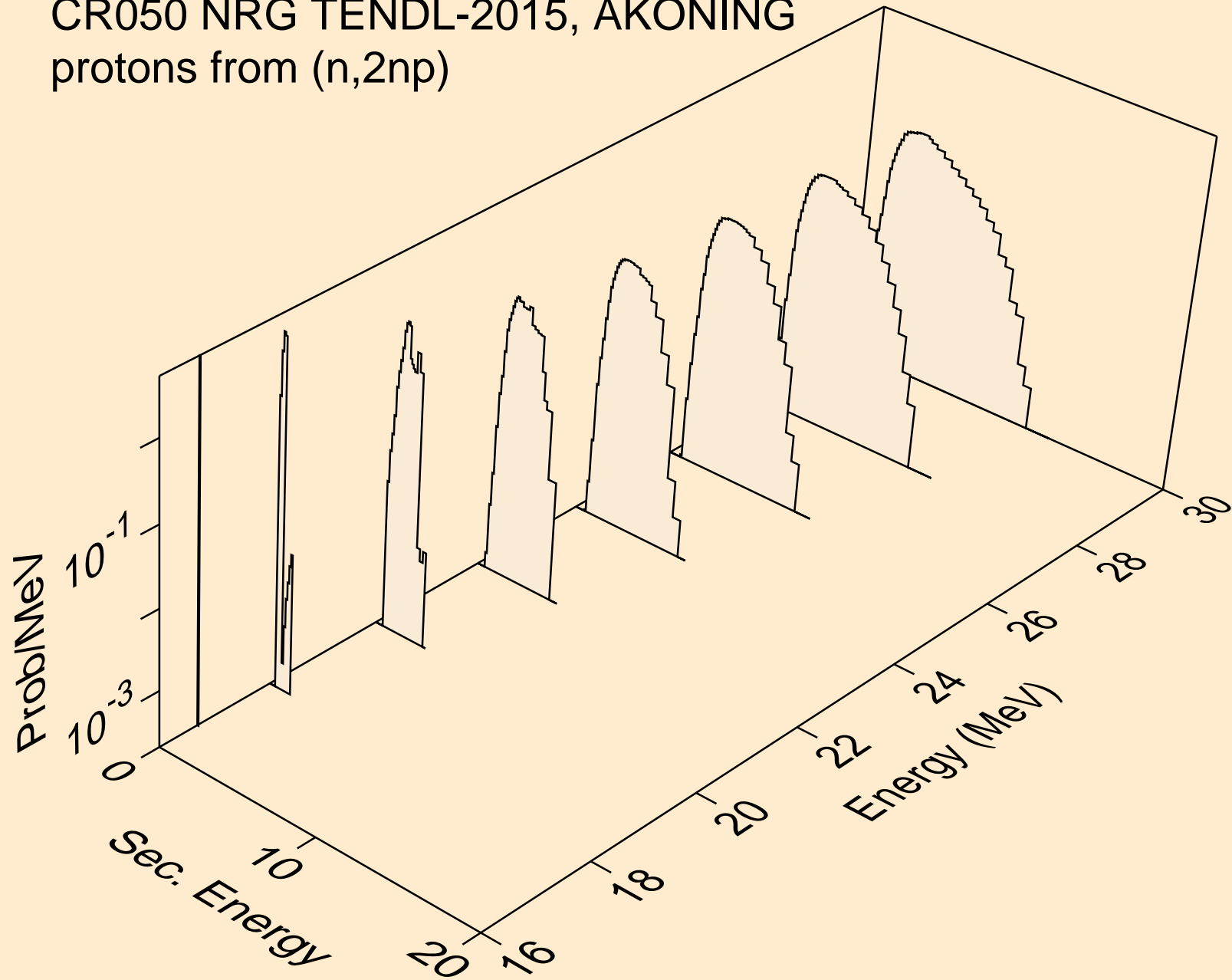
CR050 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



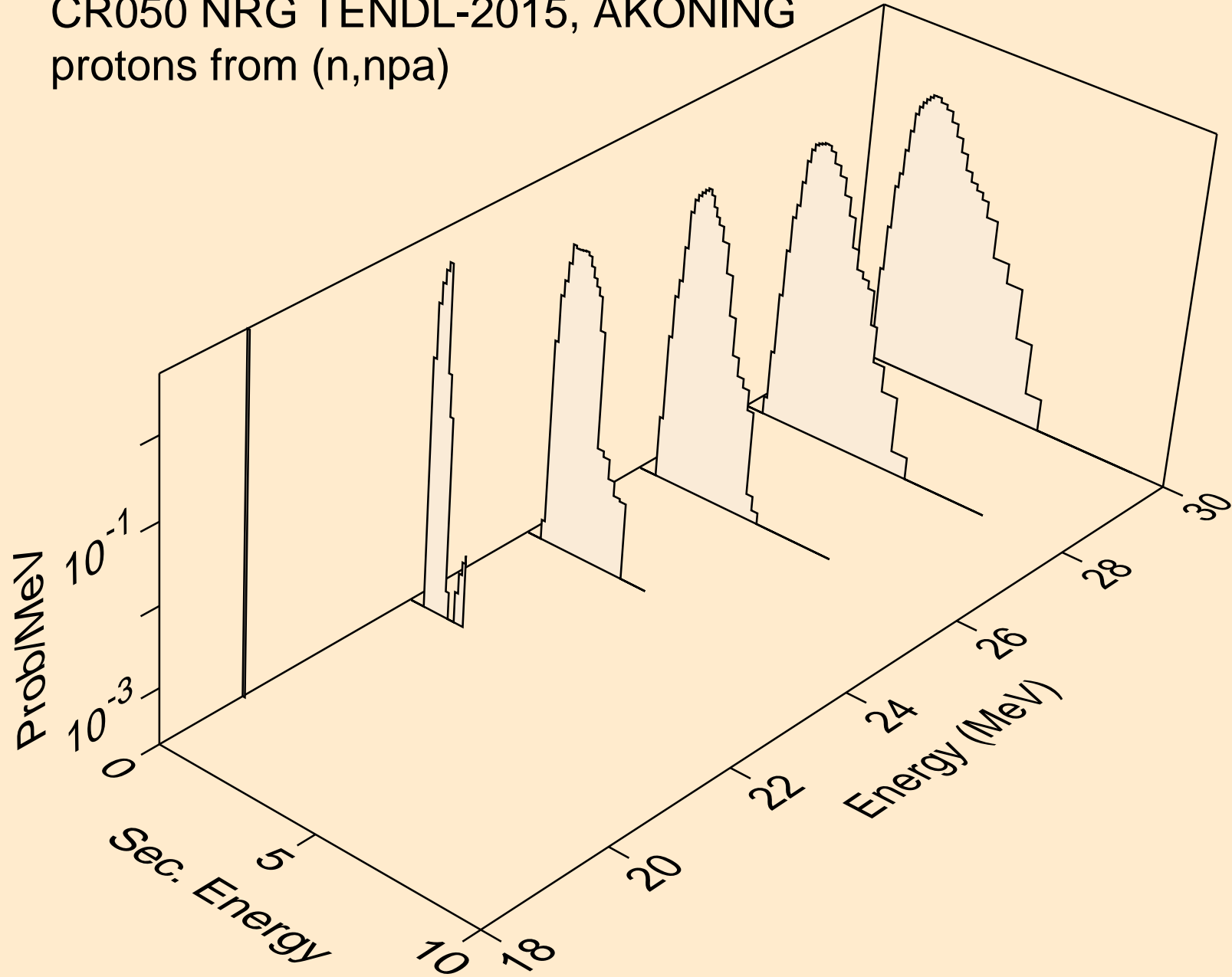
CR050 NRG TENDL-2015, AKONING  
protons from (n,2np)



CR050 NRG TENDL-2015, AKONING  
protons from (n,2np)

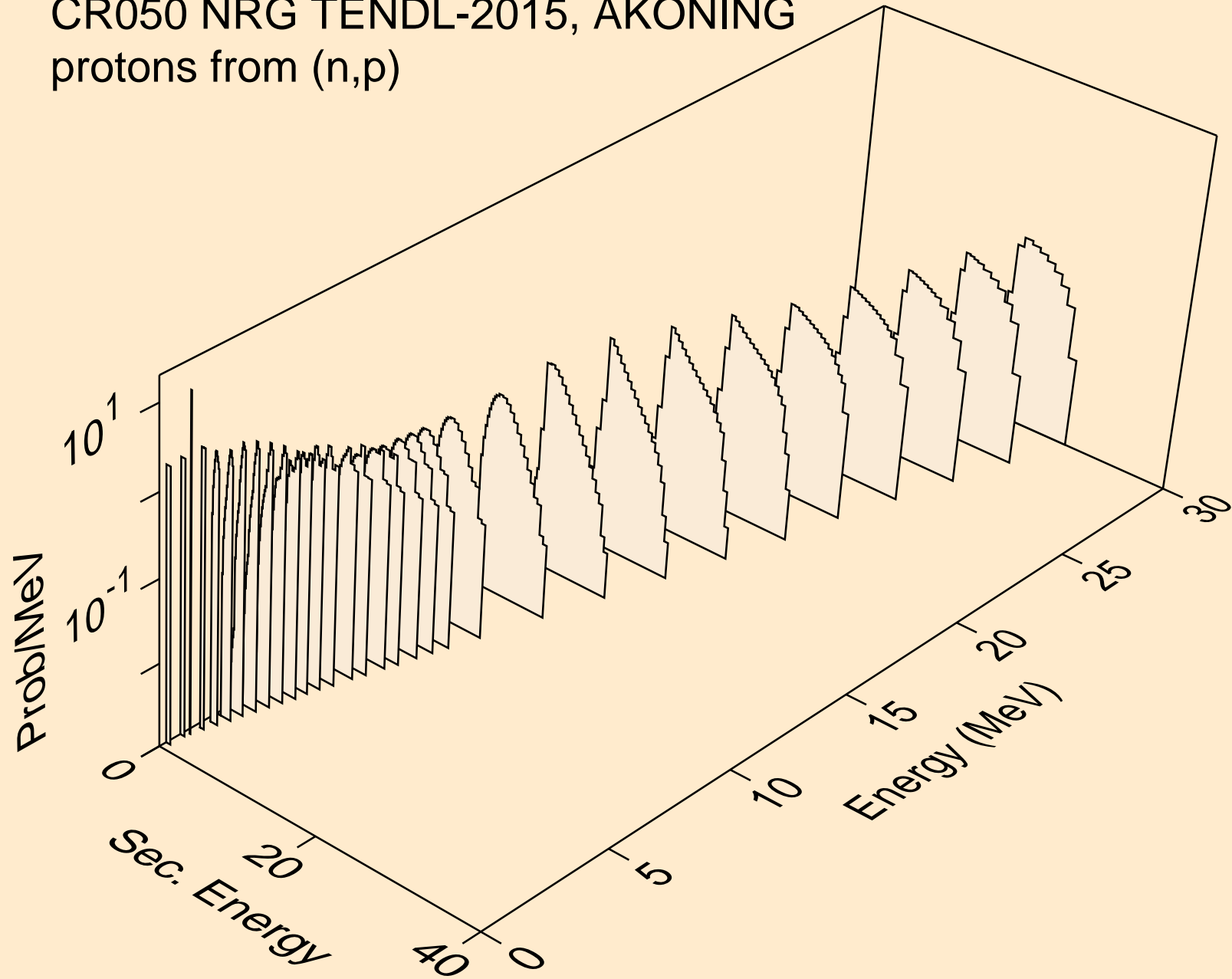


CR050 NRG TENDL-2015, AKONING  
protons from (n,npa)

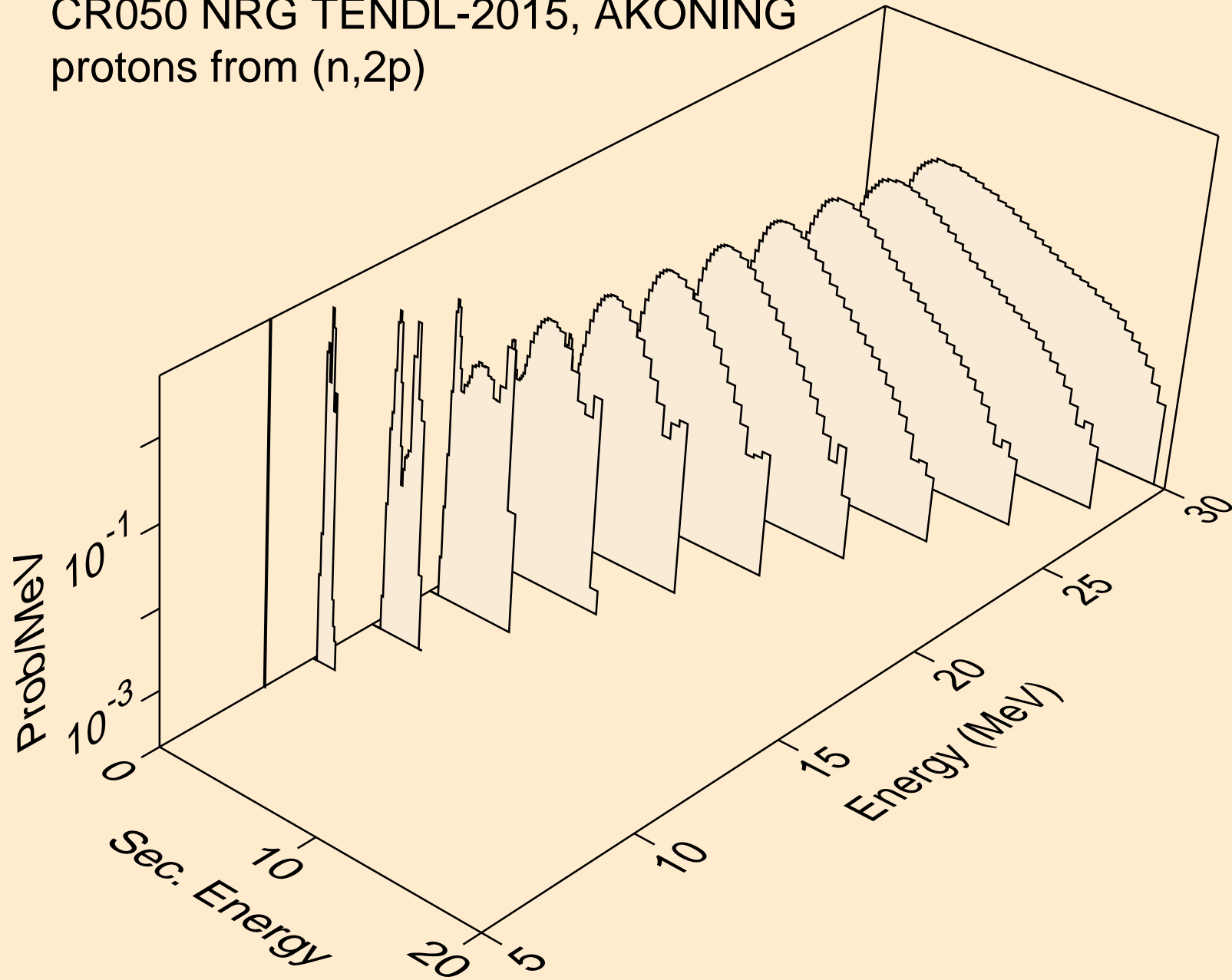




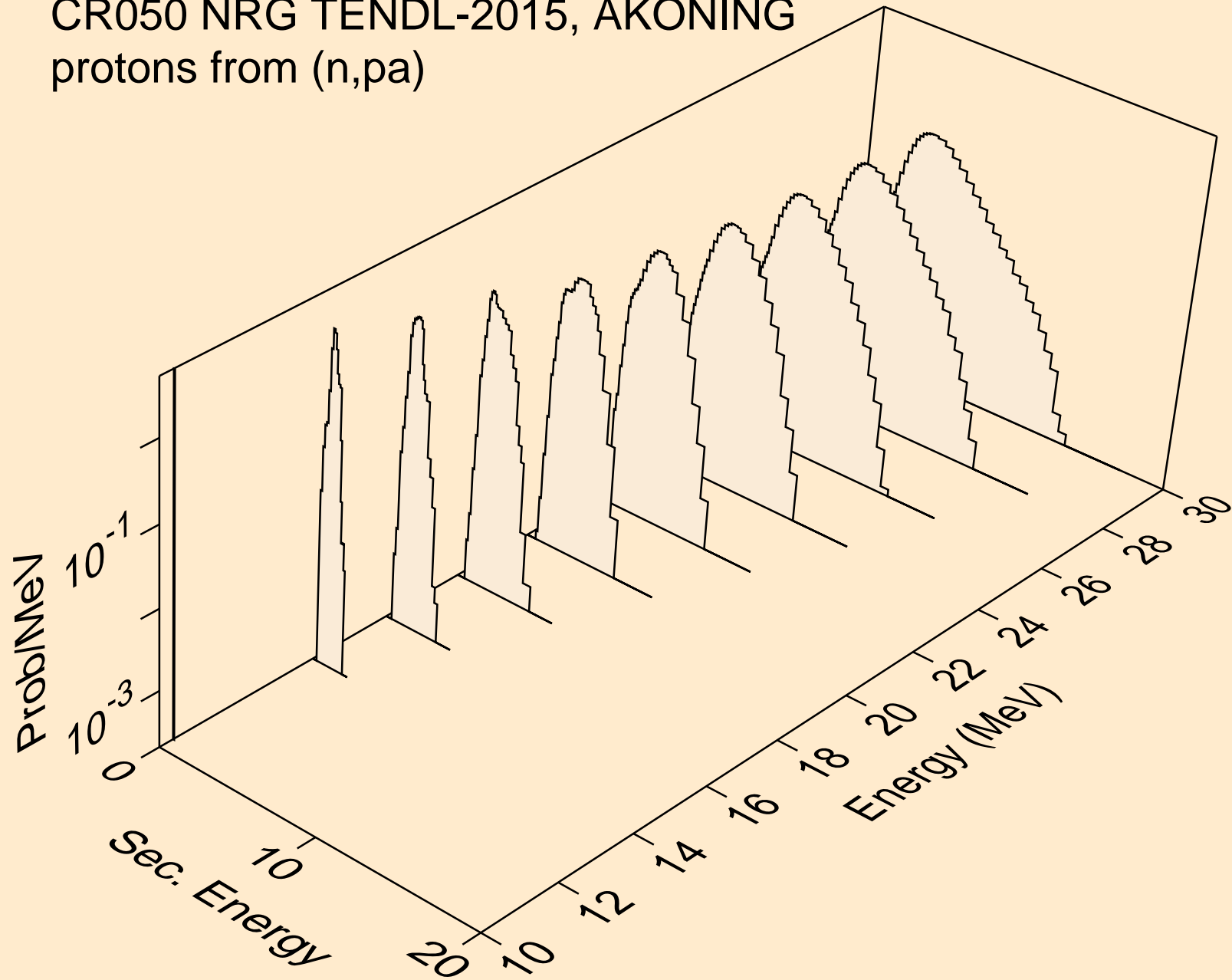
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protons from (n,p)



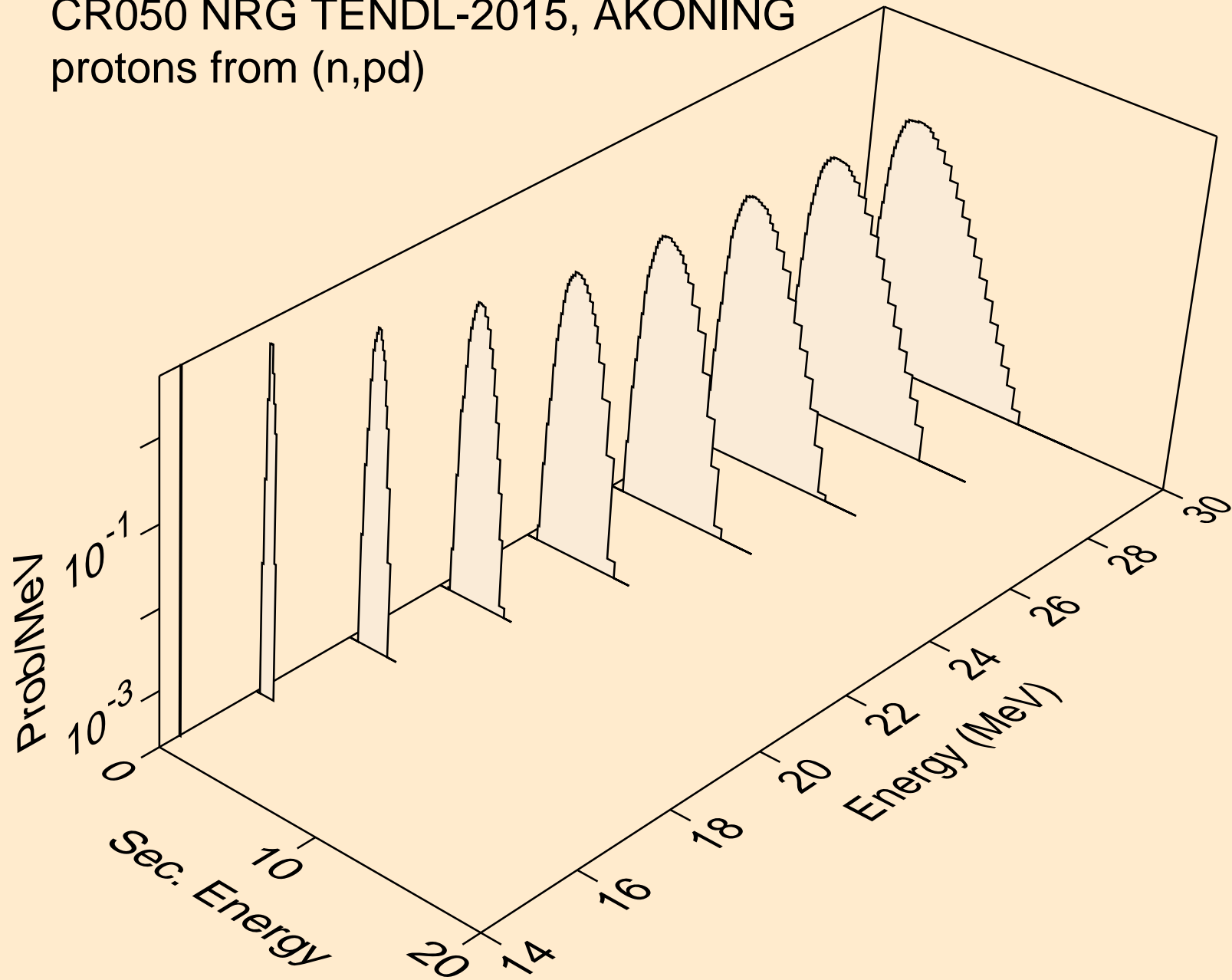
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protons from (n,2p)



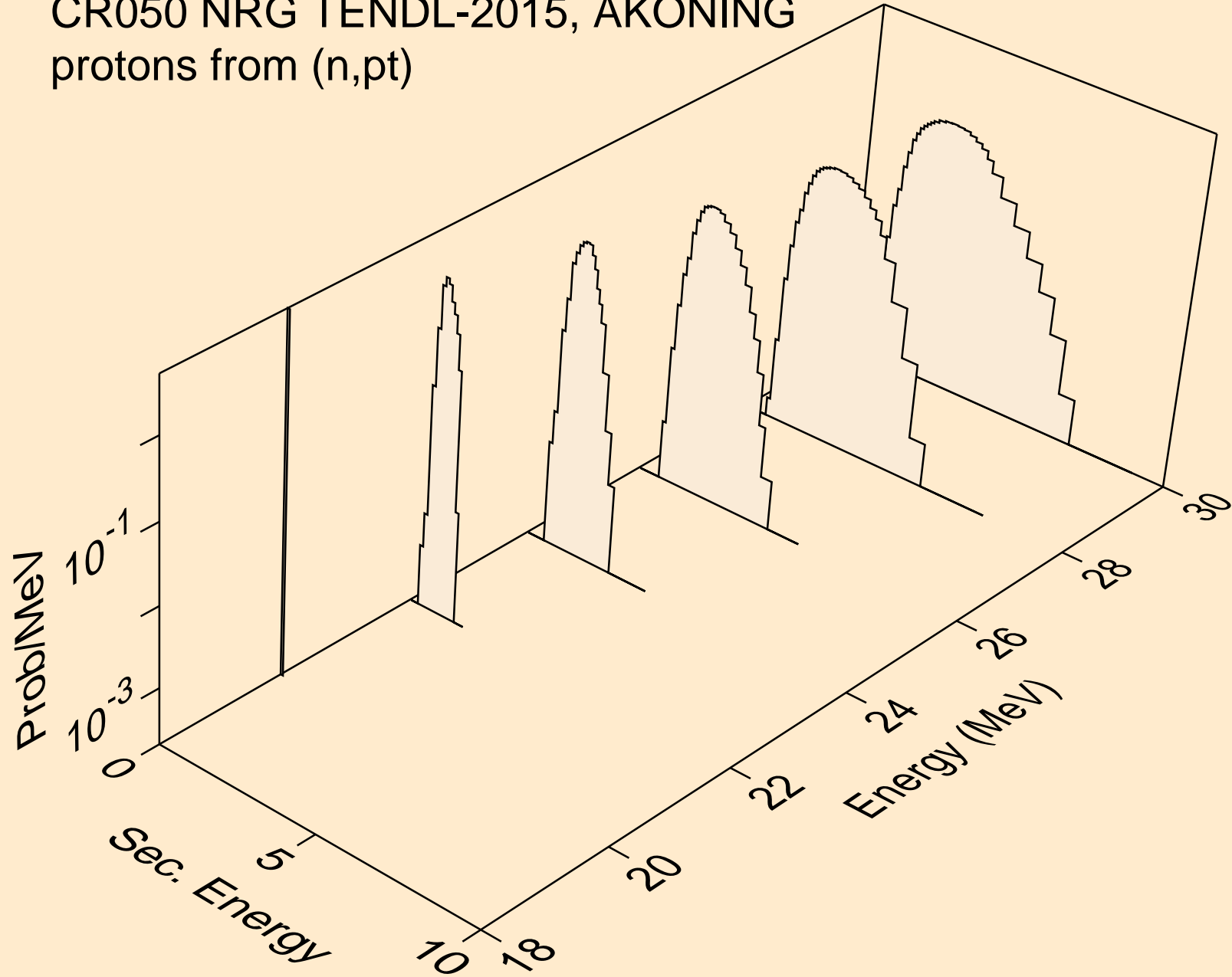
CR050 NRG TENDL-2015, AKONING  
protons from (n,pa)



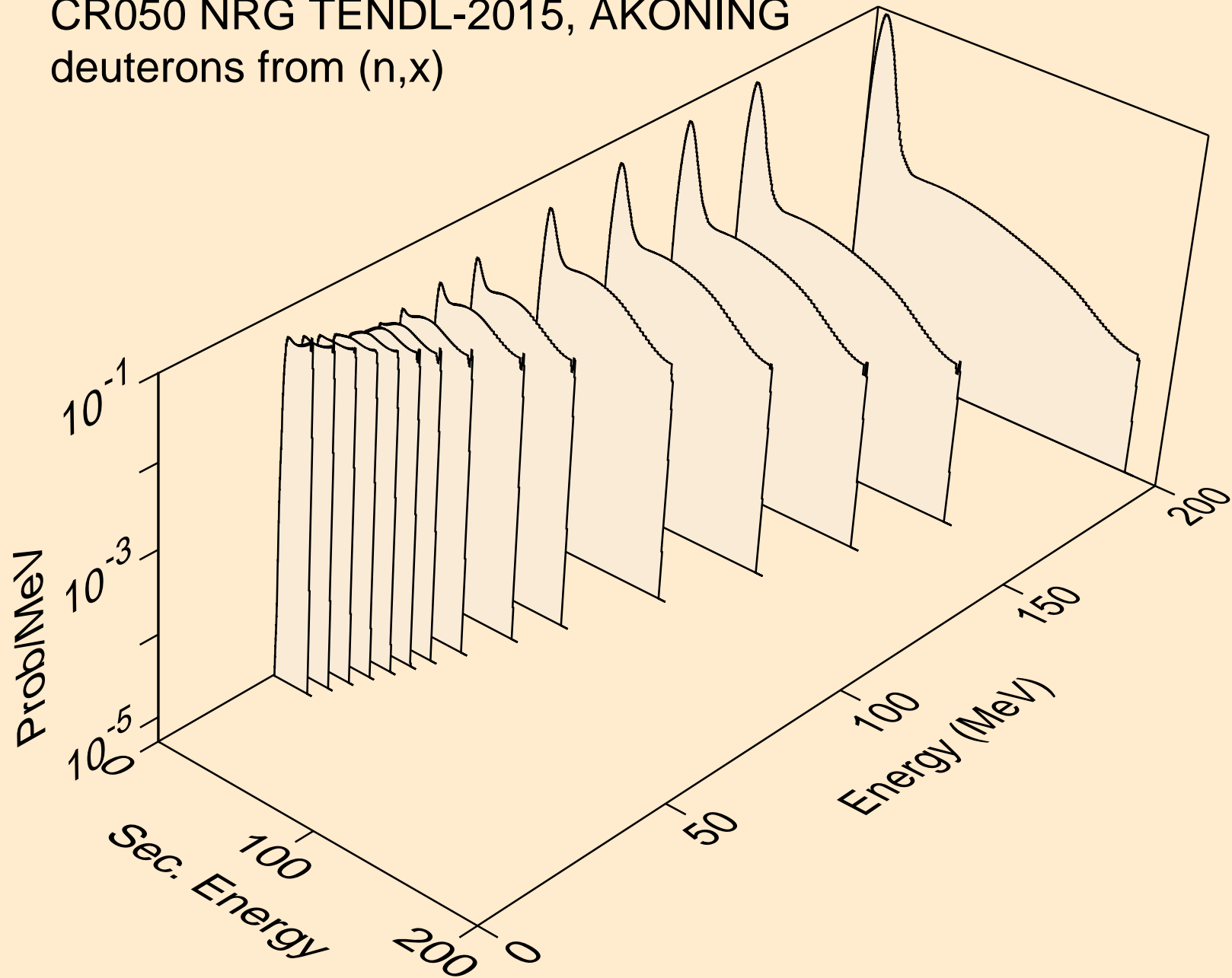
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protons from (n,pd)



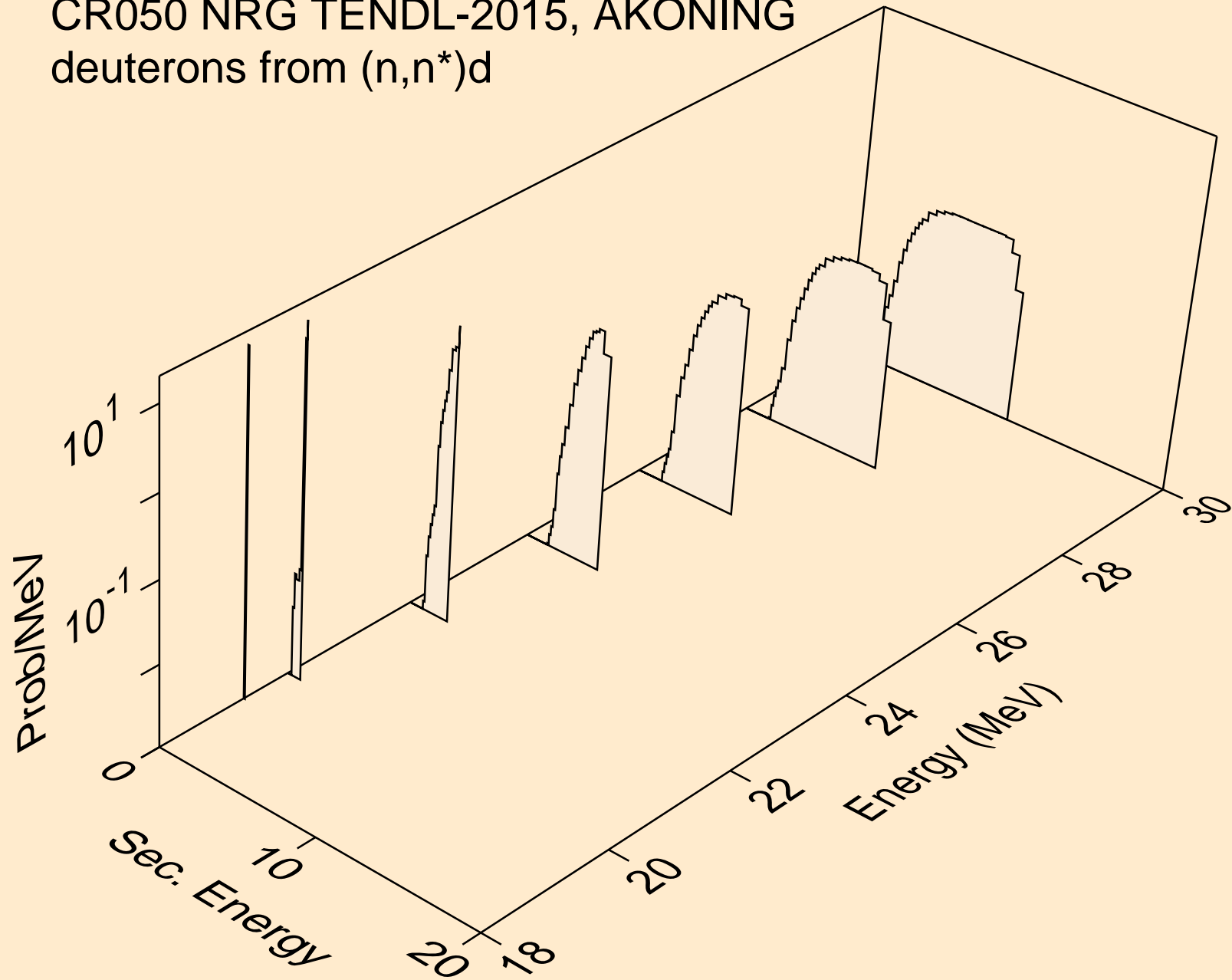
CR050 NRG TENDL-2015, AKONING  
protons from (n,pt)



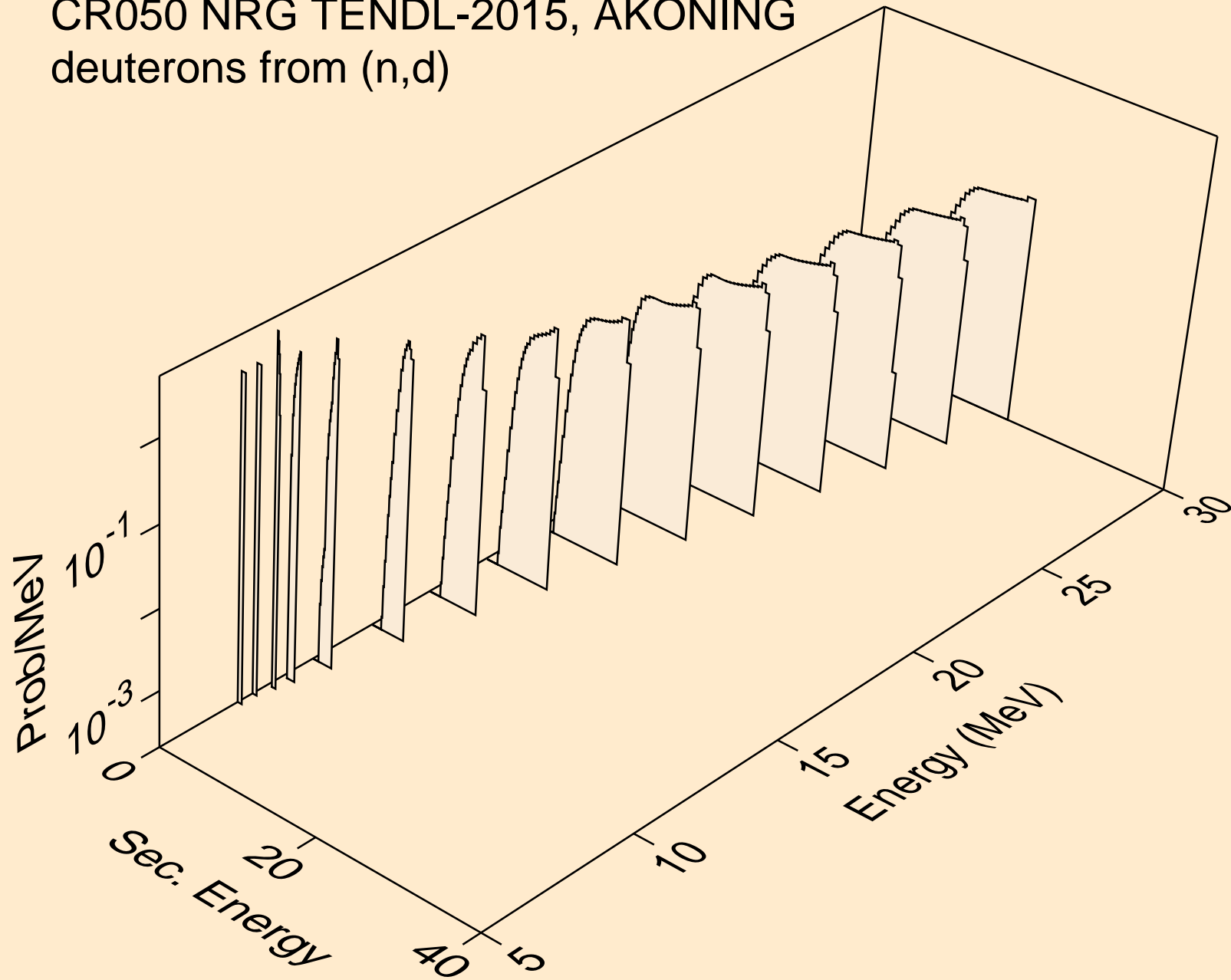
CR050 NRG TENDL-2015, AKONING  
deuterons from (n,x)



CR050 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

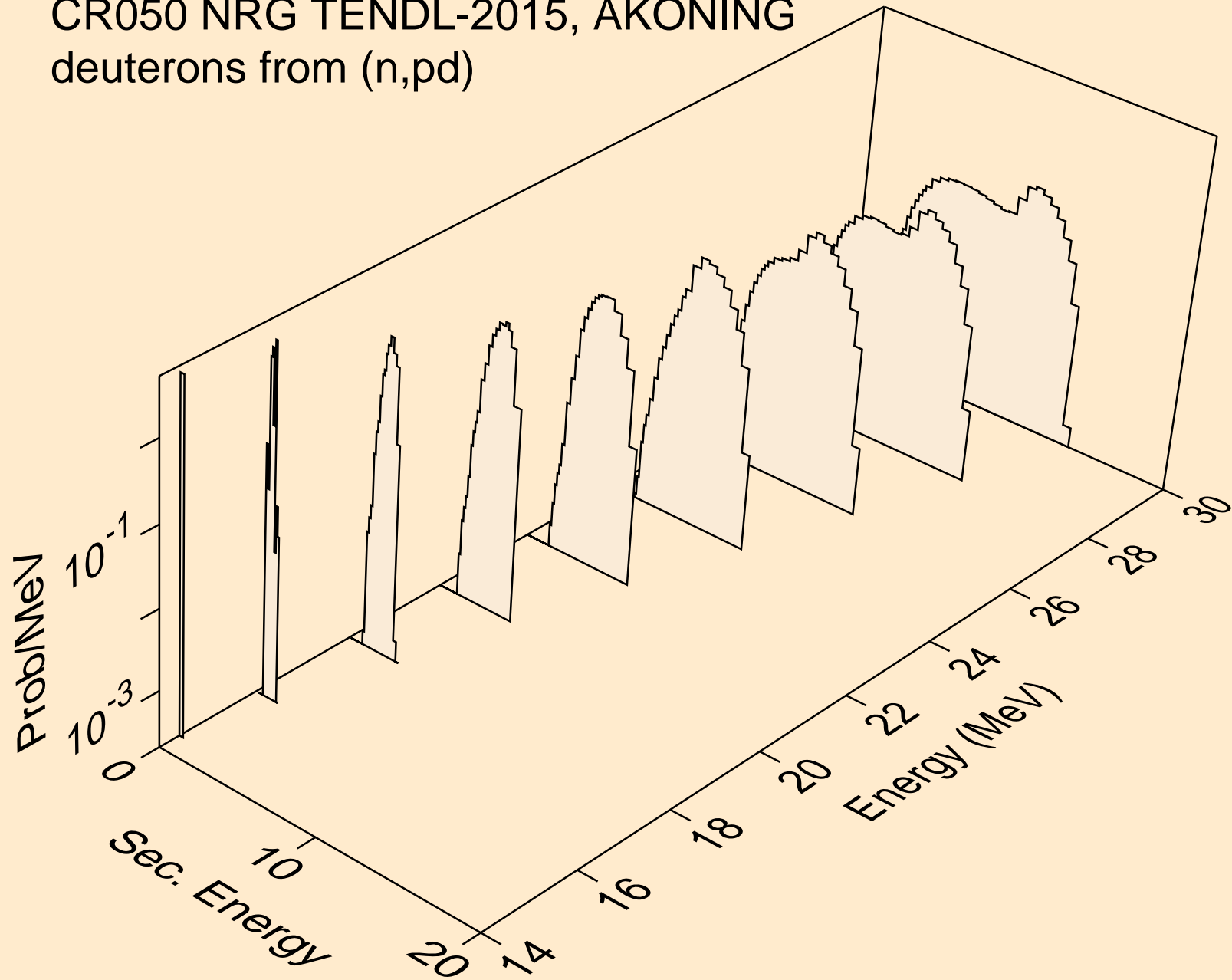


CR050 NRG TENDL-2015, AKONING  
deuterons from (n,d)

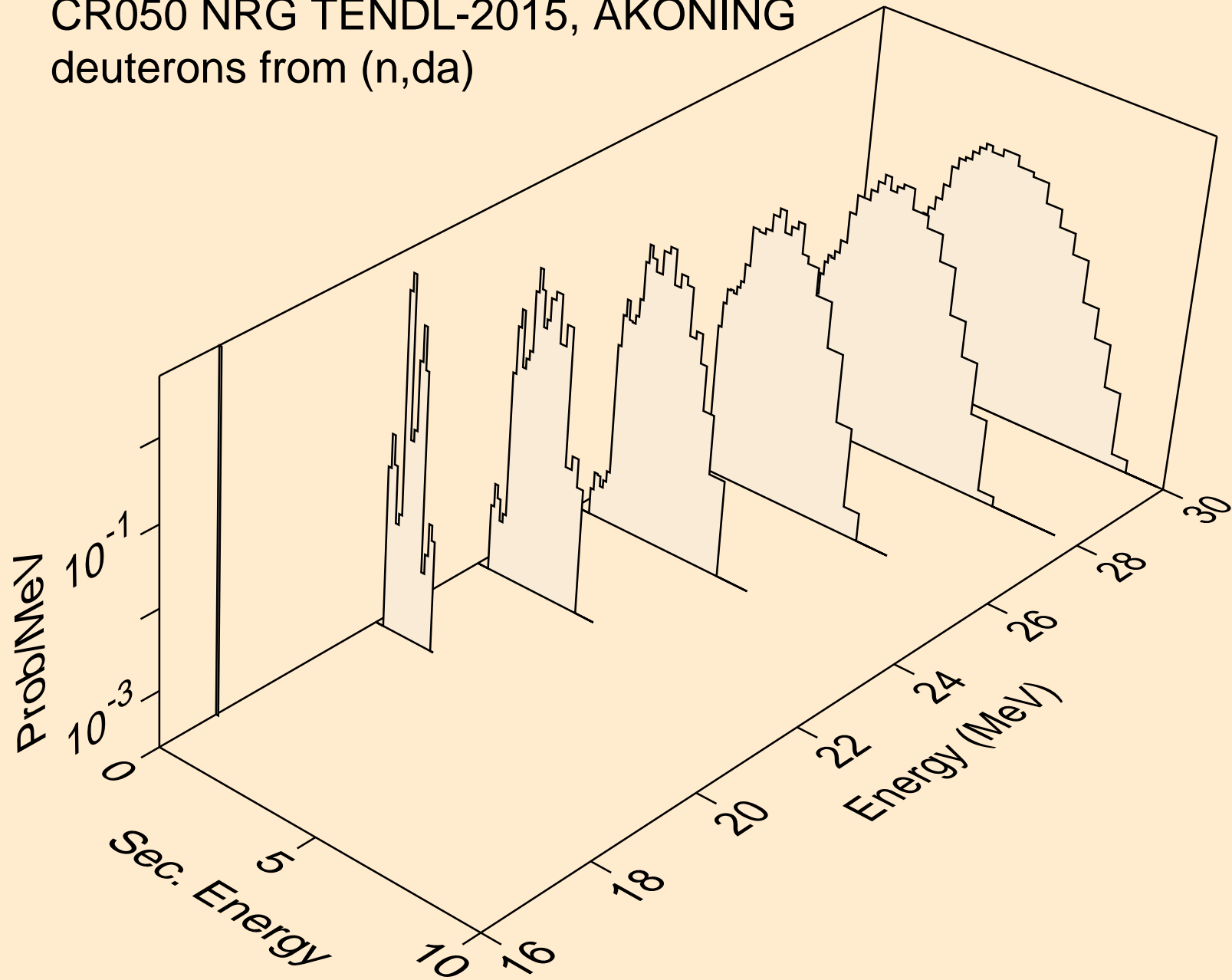




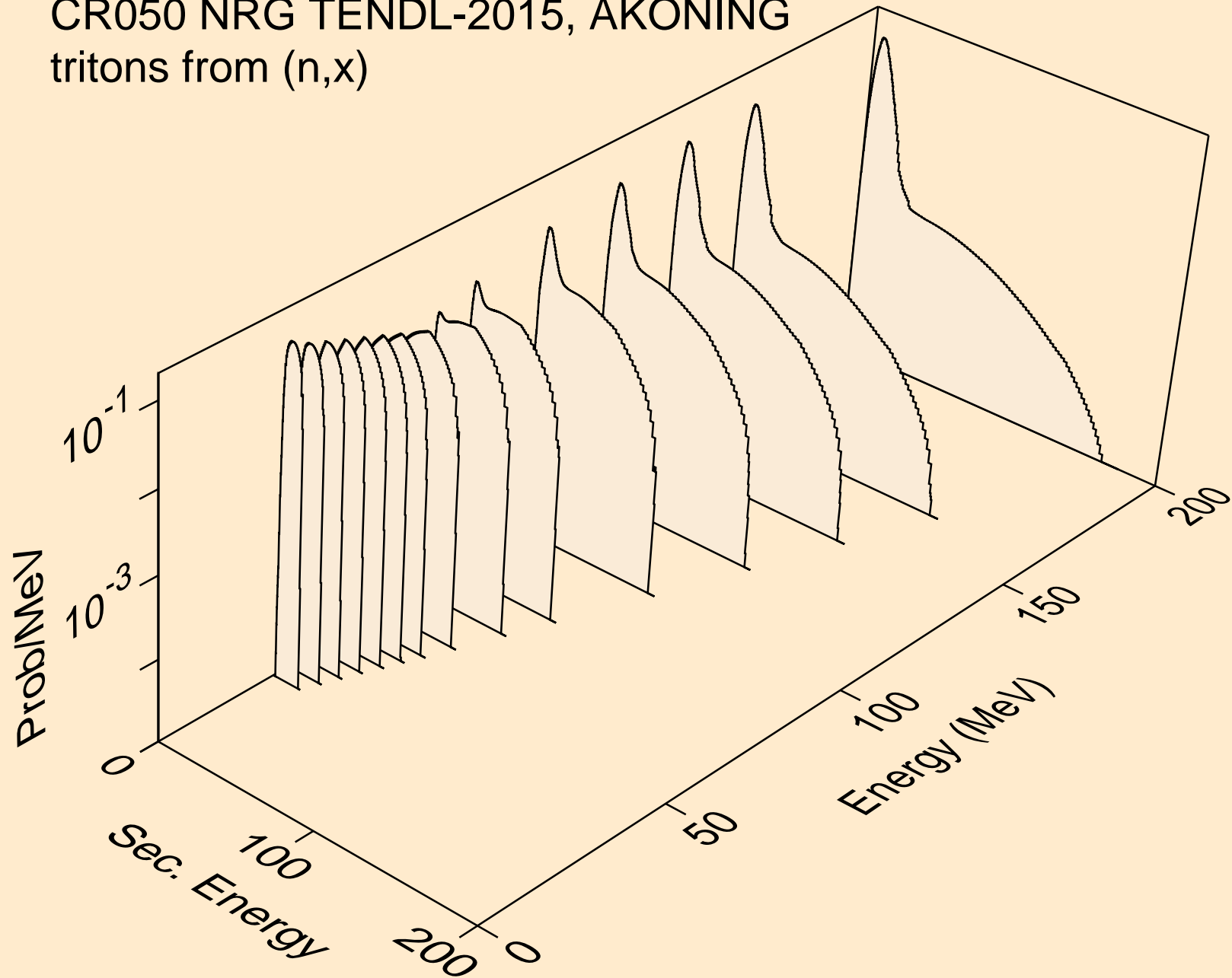
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deuterons from (n,pd)



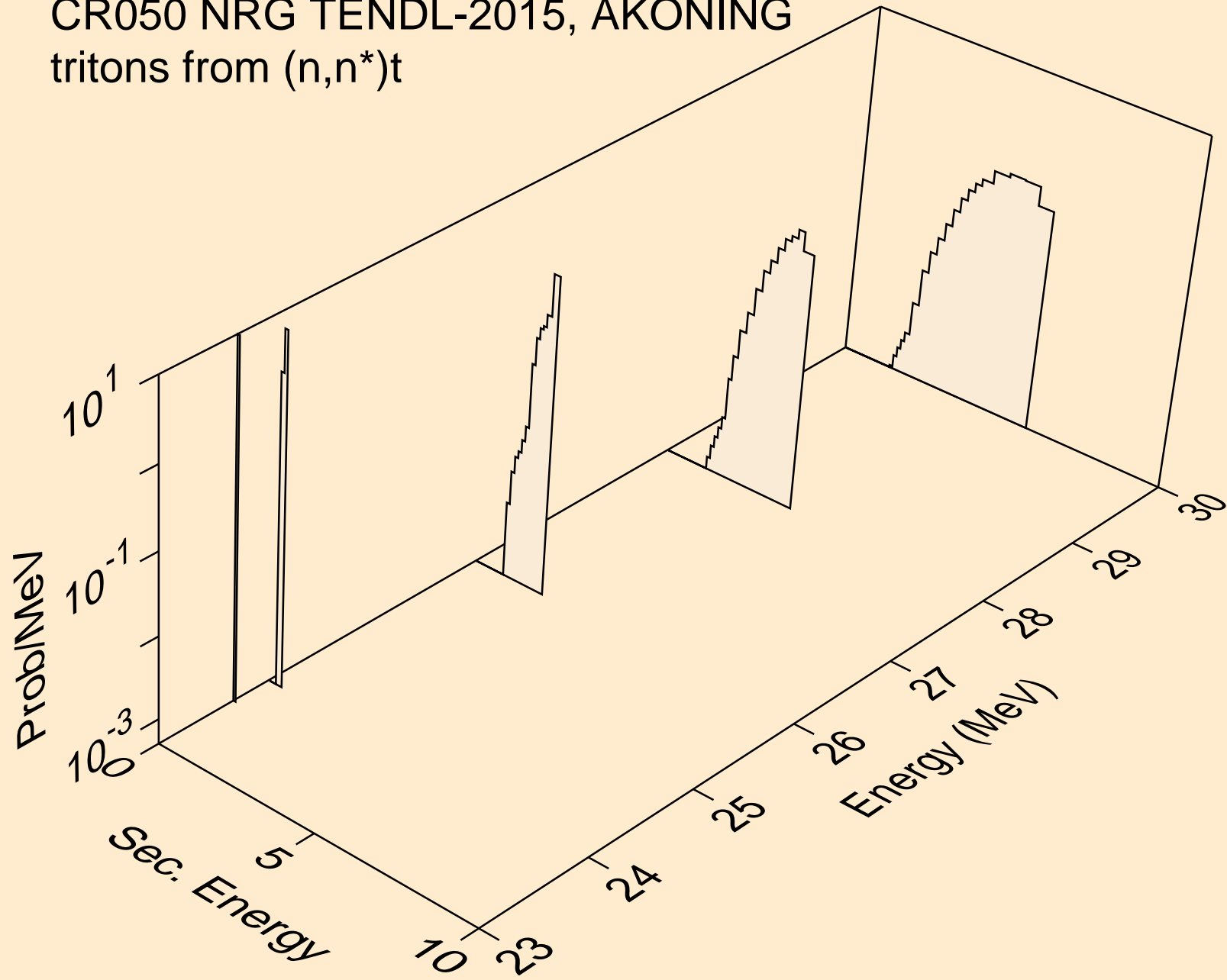
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deuterons from (n,da)



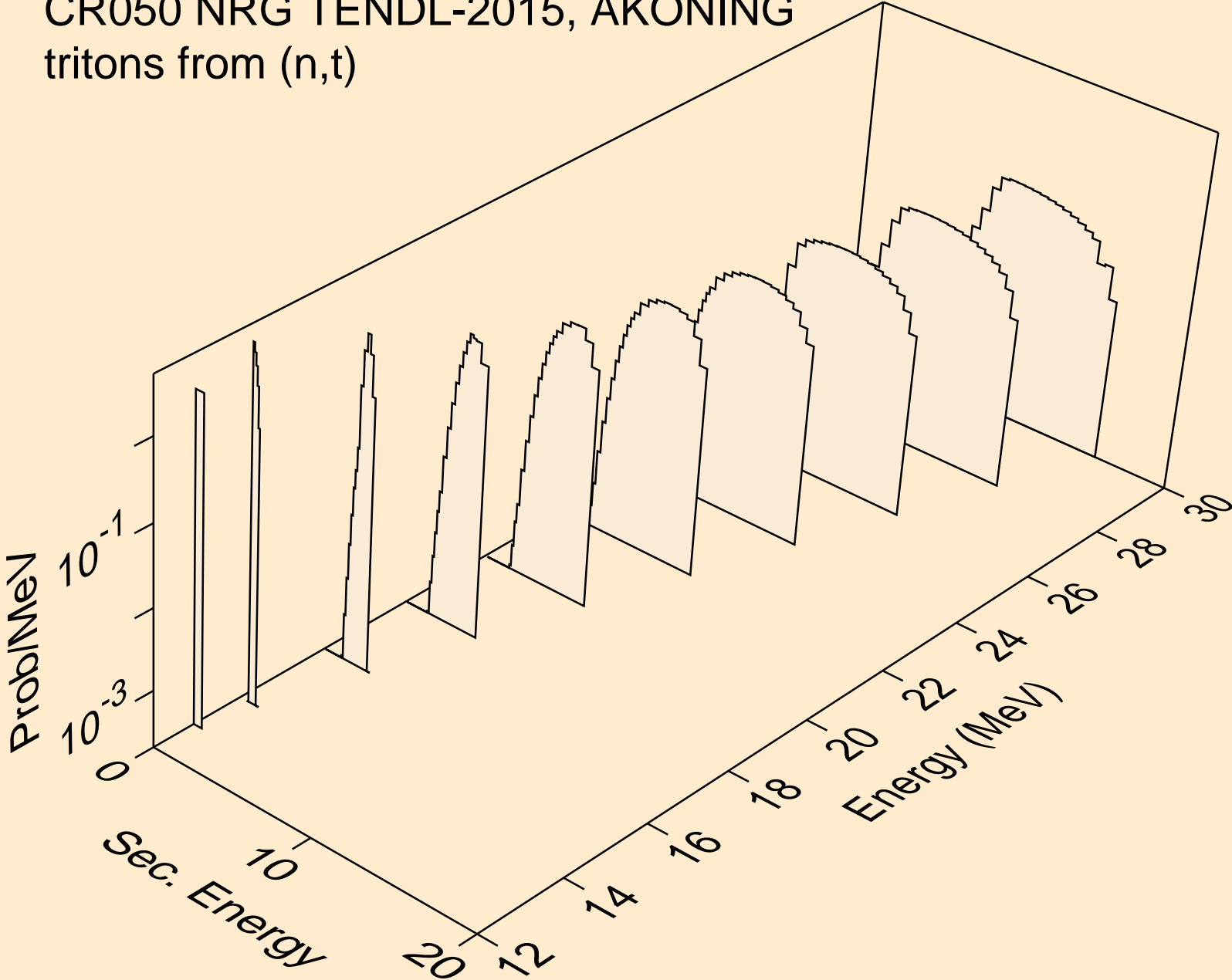
CR050 NRG TENDL-2015, AKONING  
tritons from (n,x)



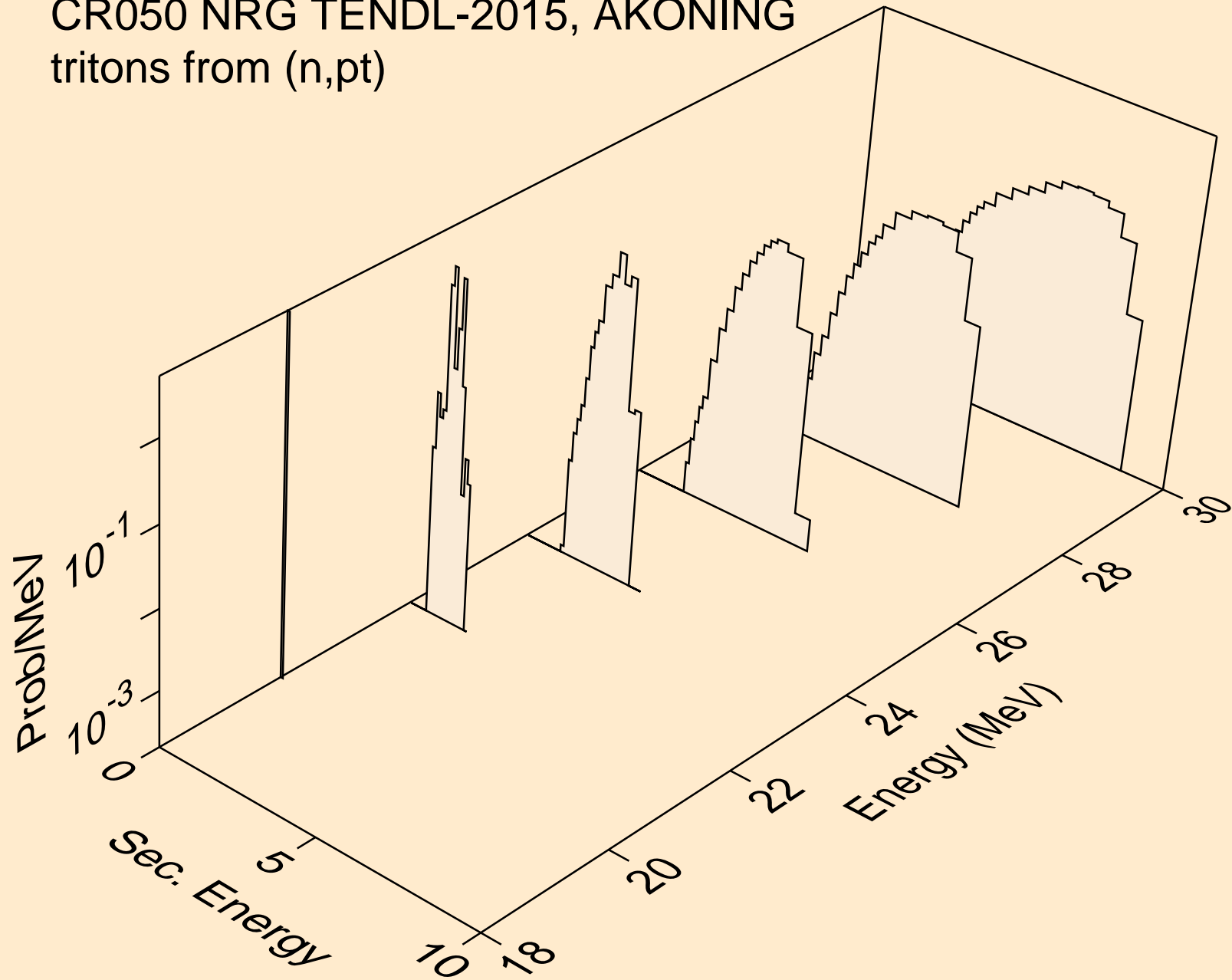
CR050 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



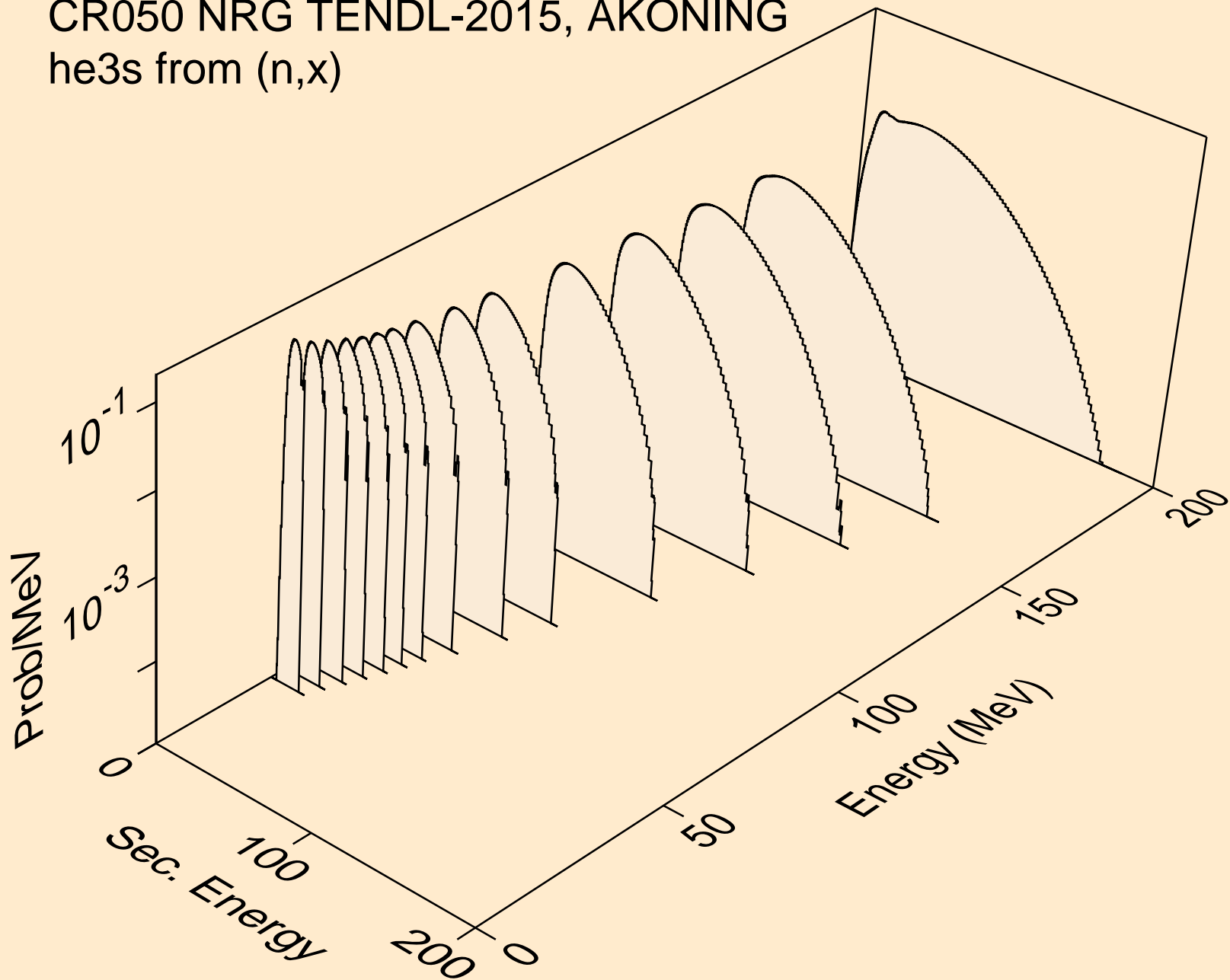
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tritons from (n,t)



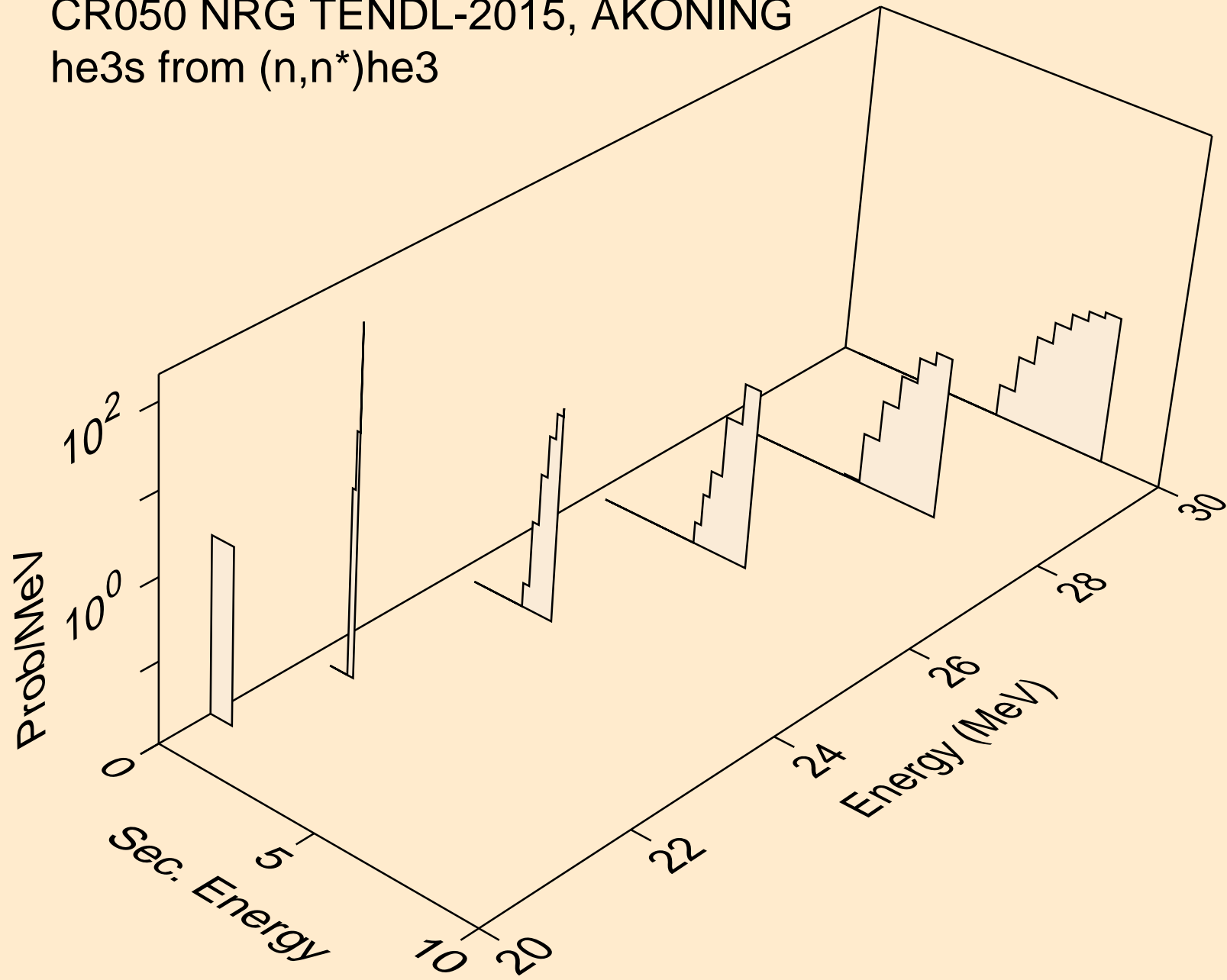
CR050 NRG TENDL-2015, AKONING  
tritons from (n,pt)



CR050 NRG TENDL-2015, AKONING  
he3s from (n,x)

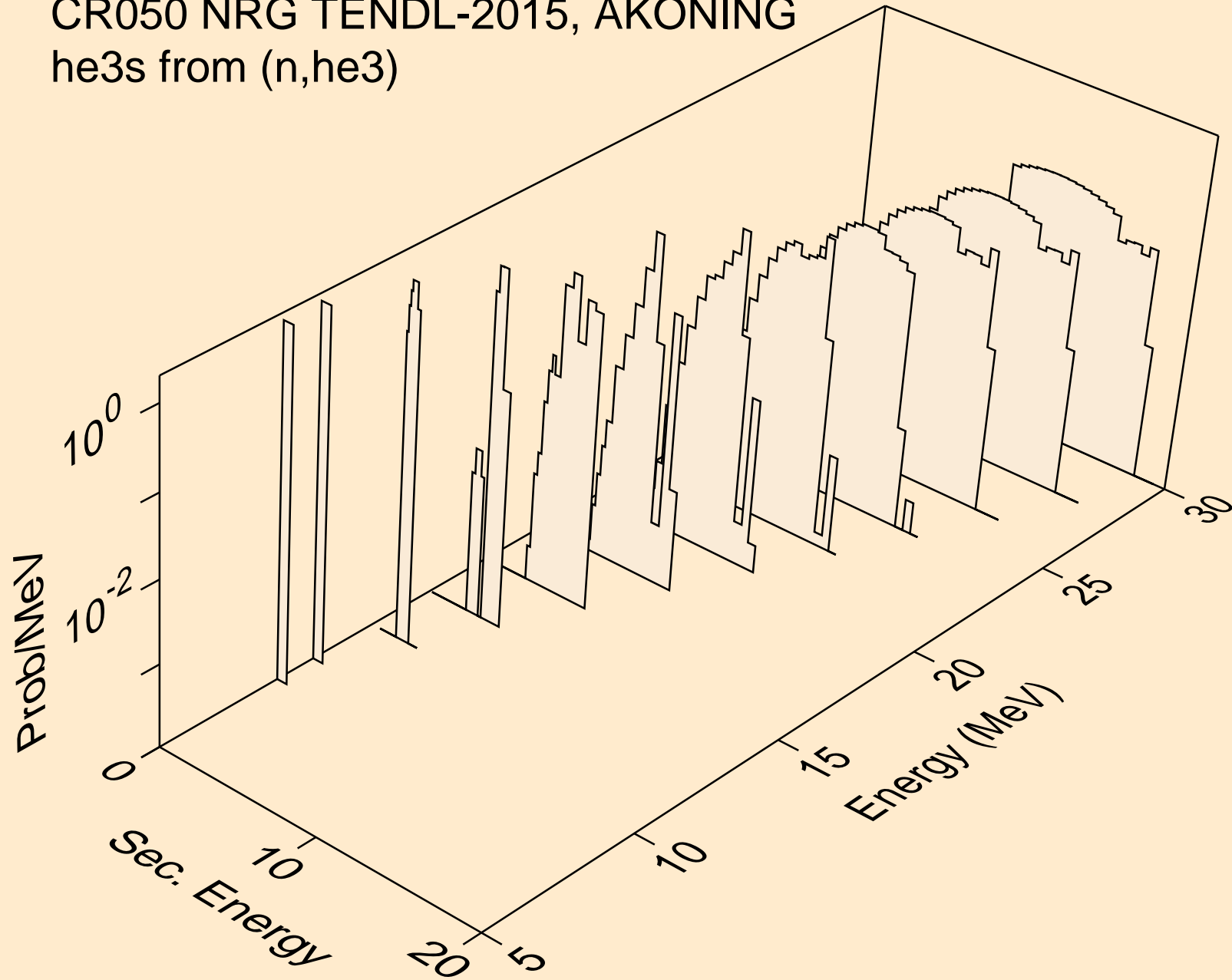


CR050 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

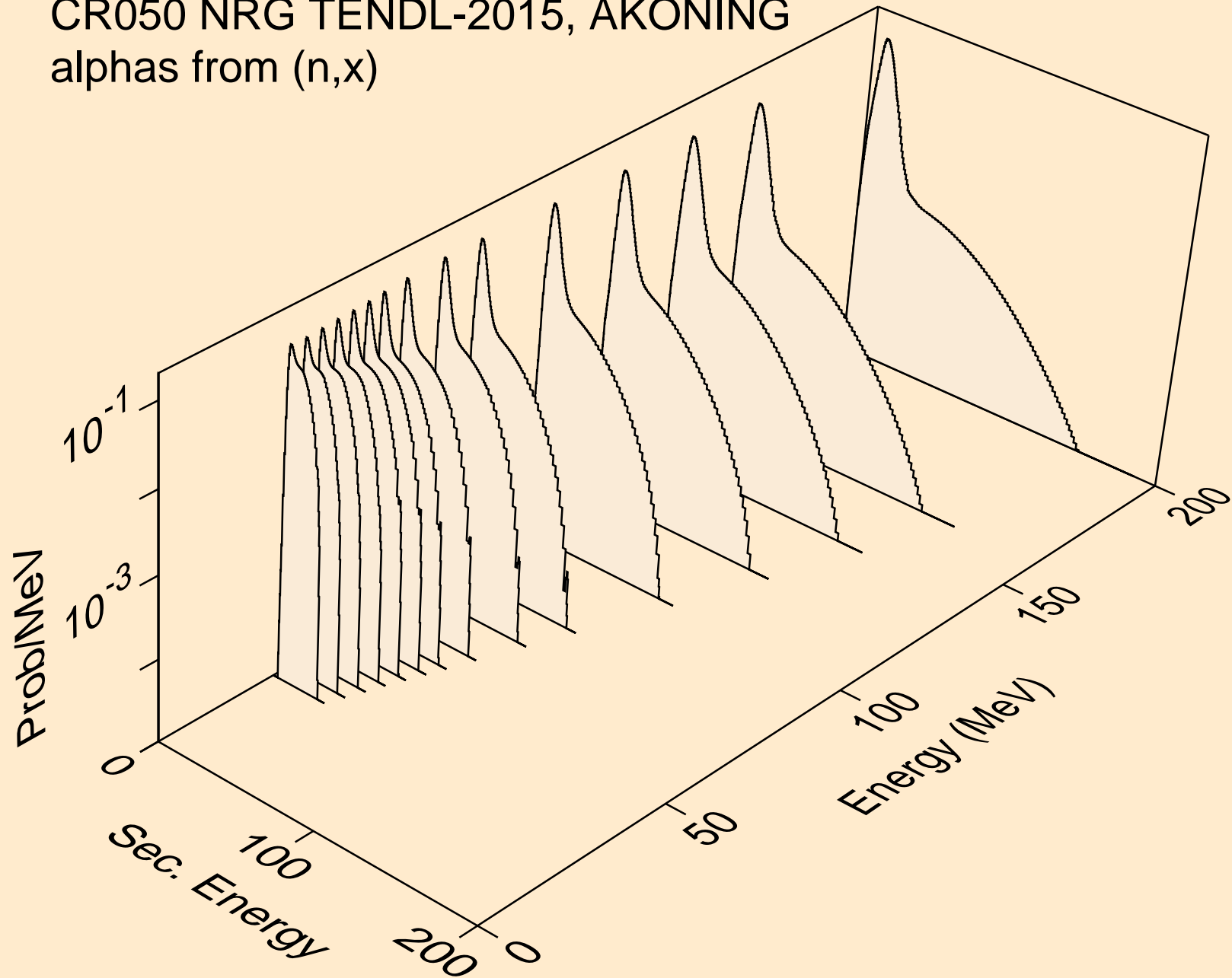




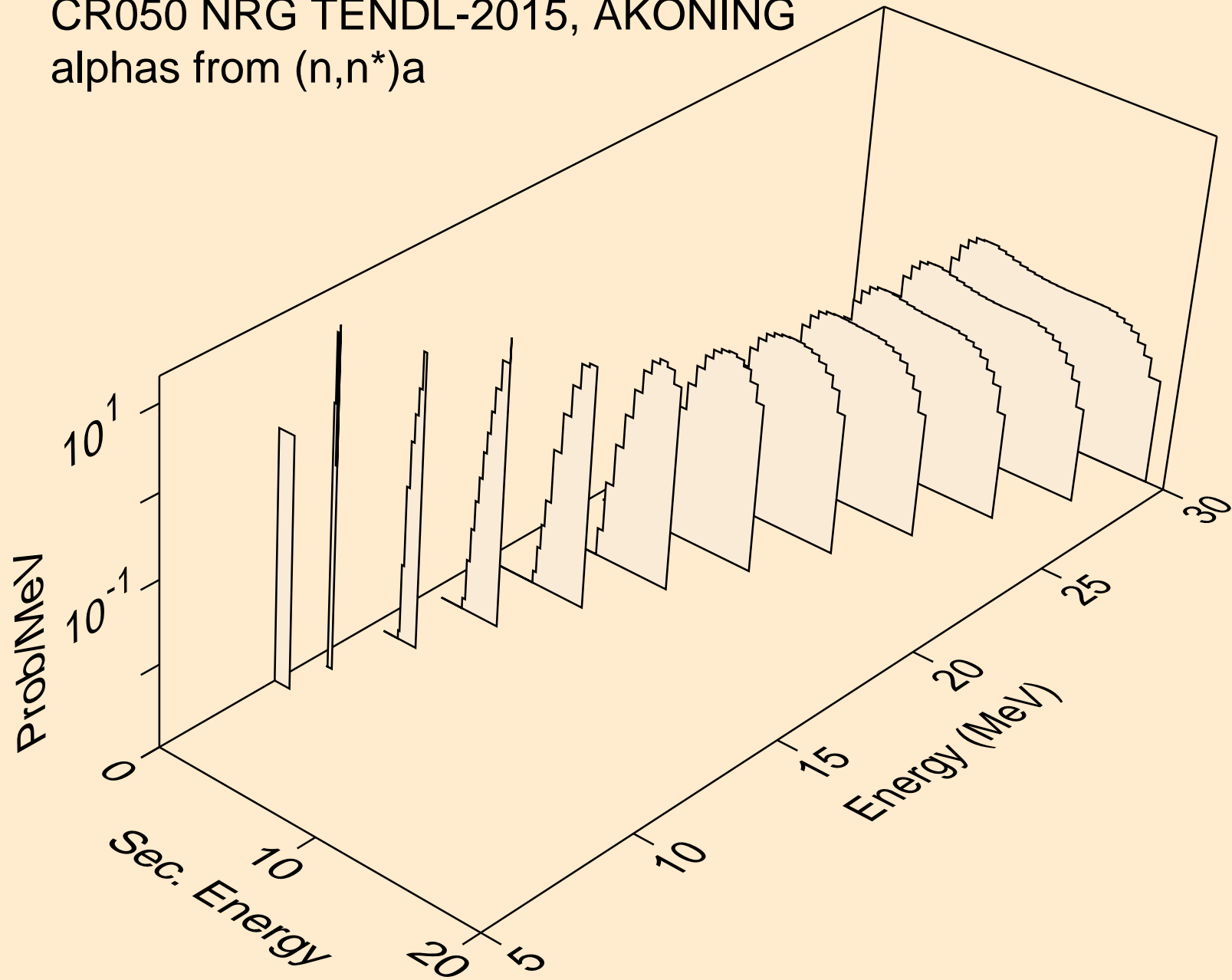
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he3s from (n,he3)



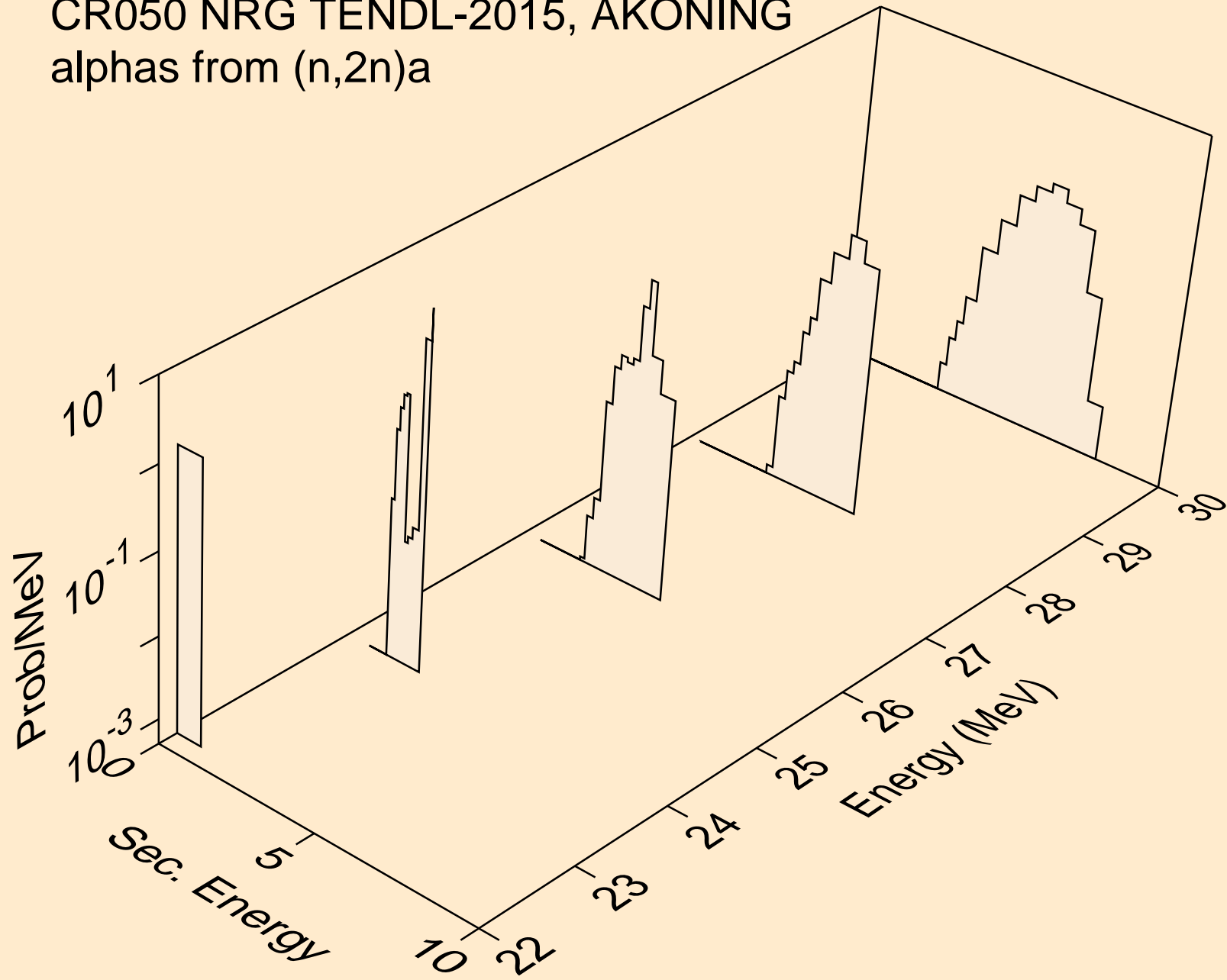
CR050 NRG TENDL-2015, AKONING  
alphas from (n,x)



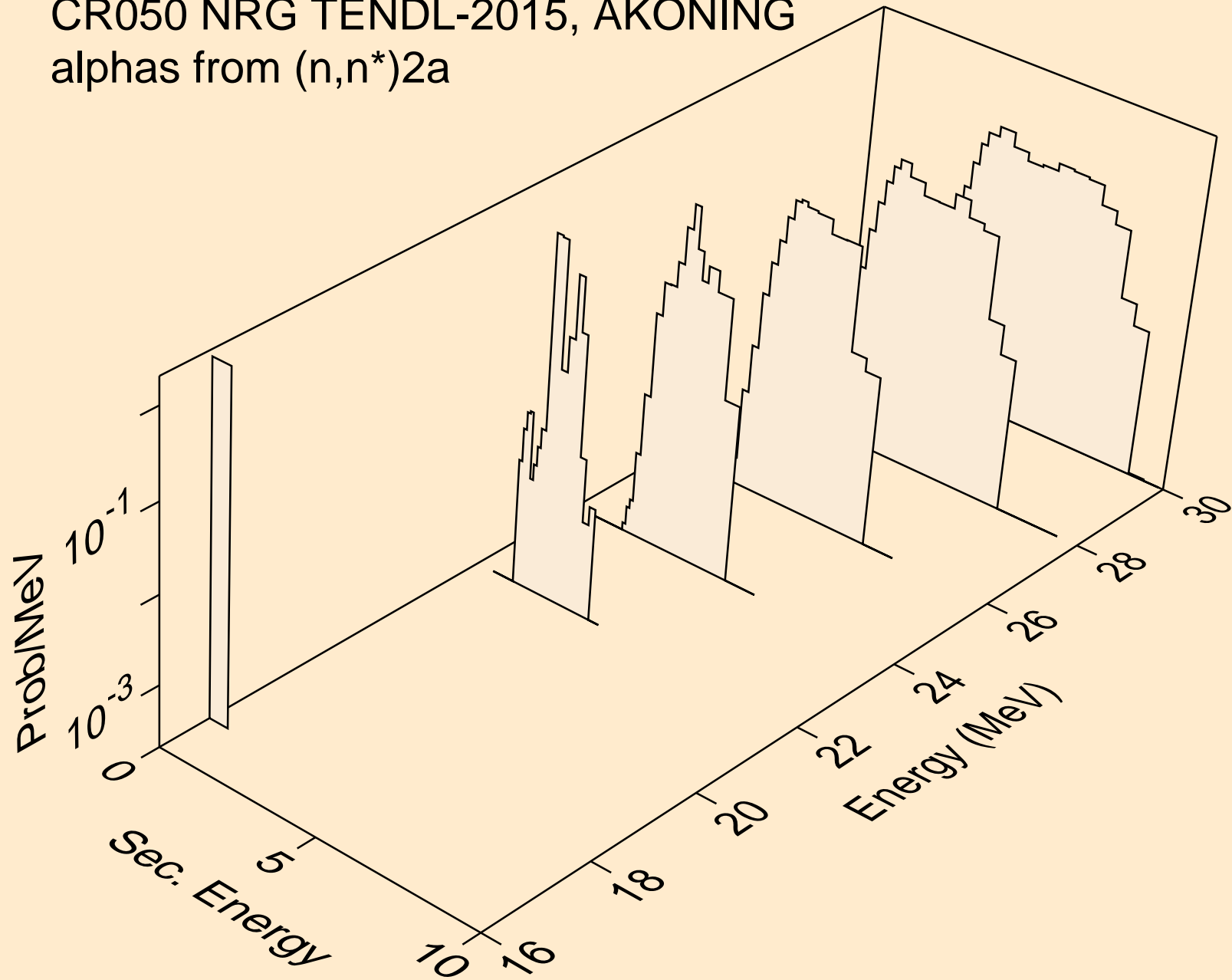
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alphas from (n,n\*)a



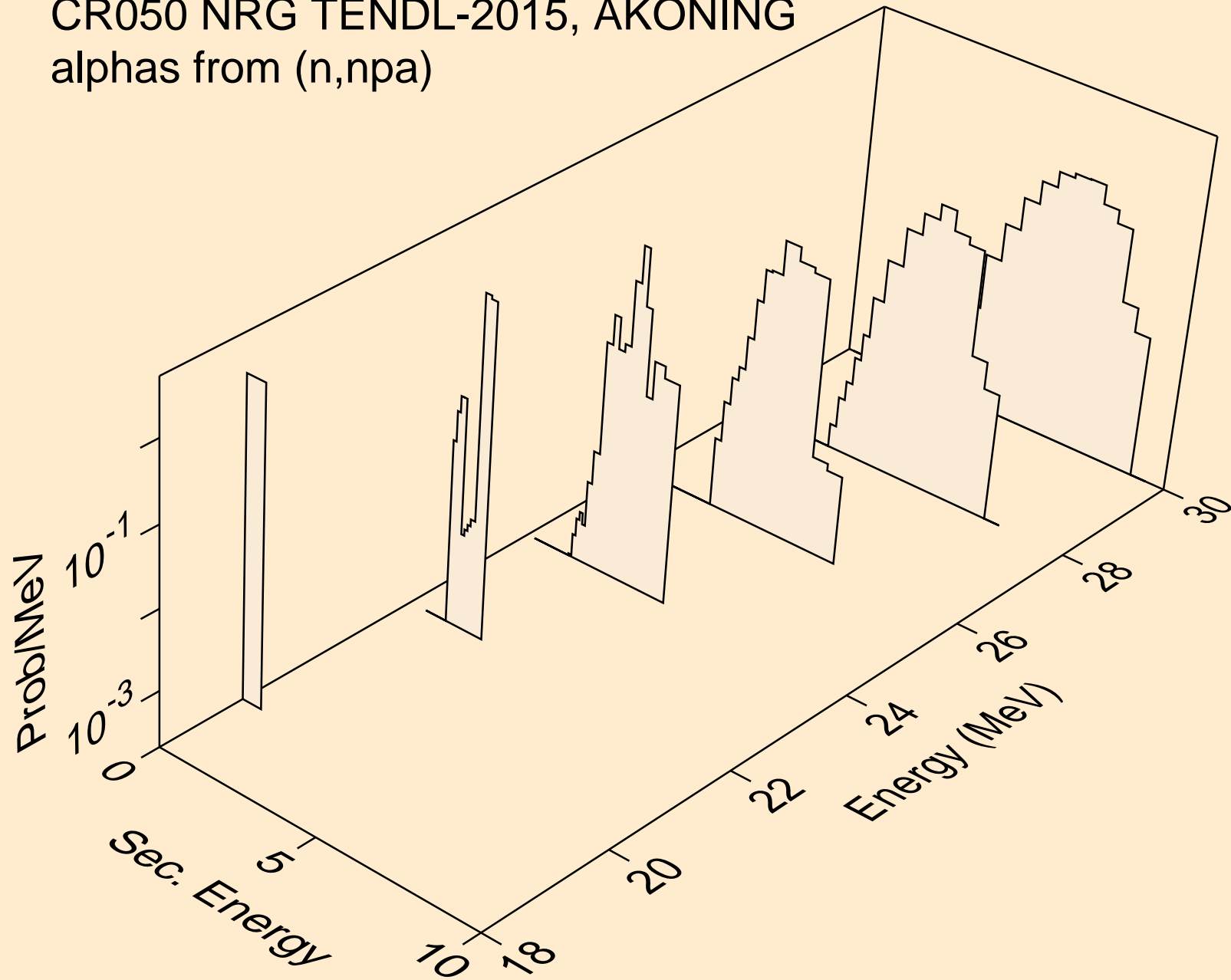
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alphas from (n,2n)a



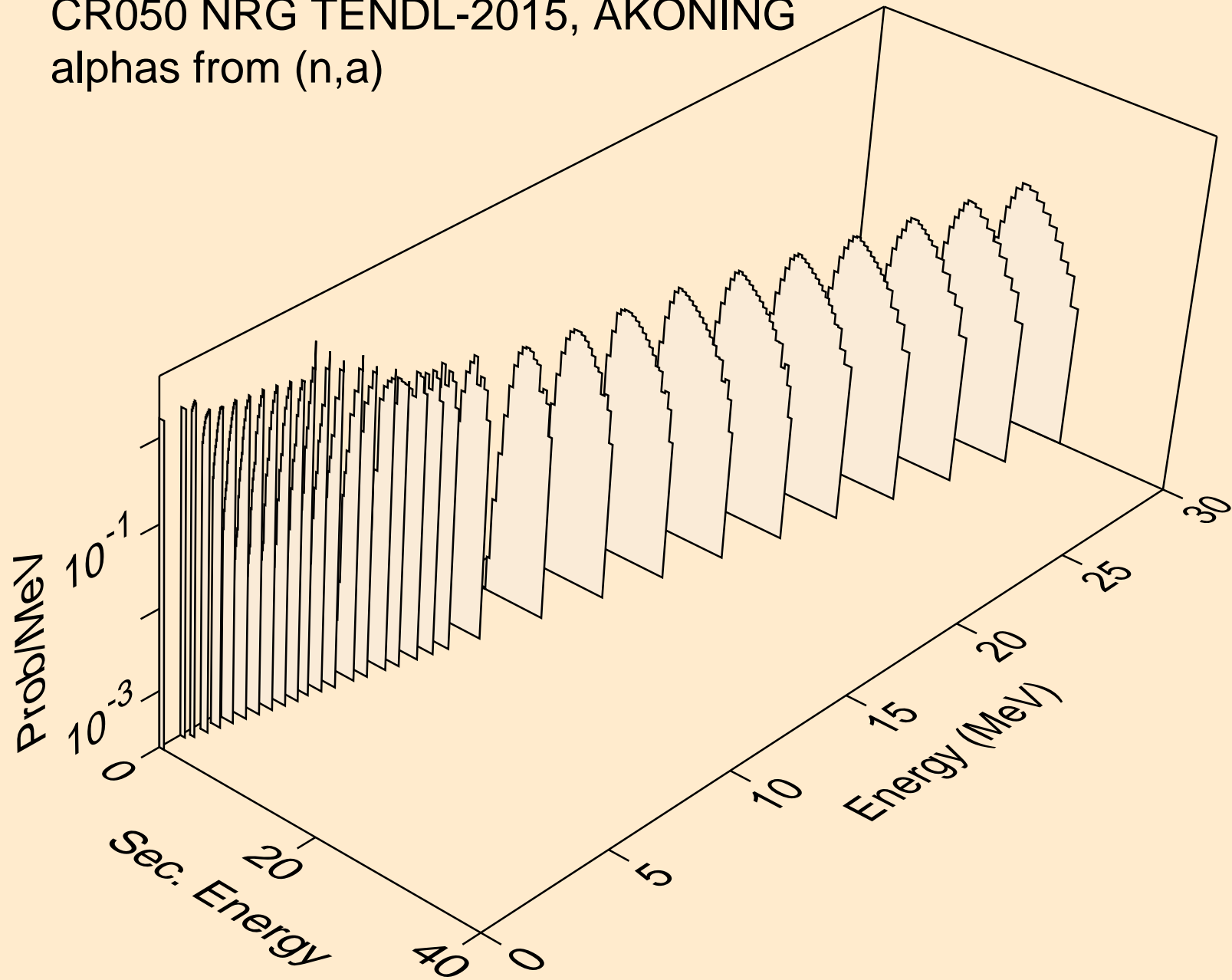
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alphas from (n,n\*)2a



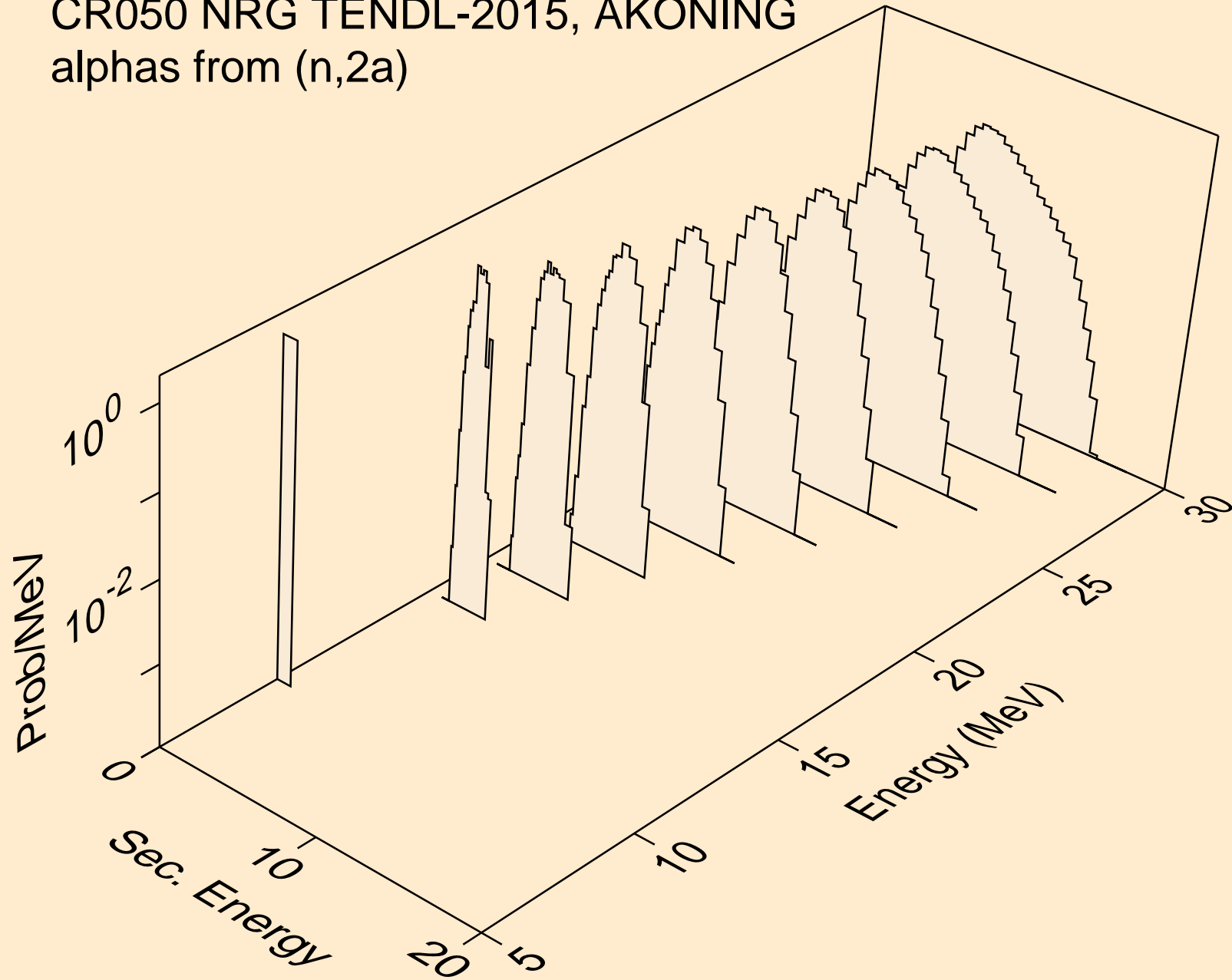
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alphas from (n,npa)



CR050 NRG TENDL-2015, AKONING  
alphas from (n,a)

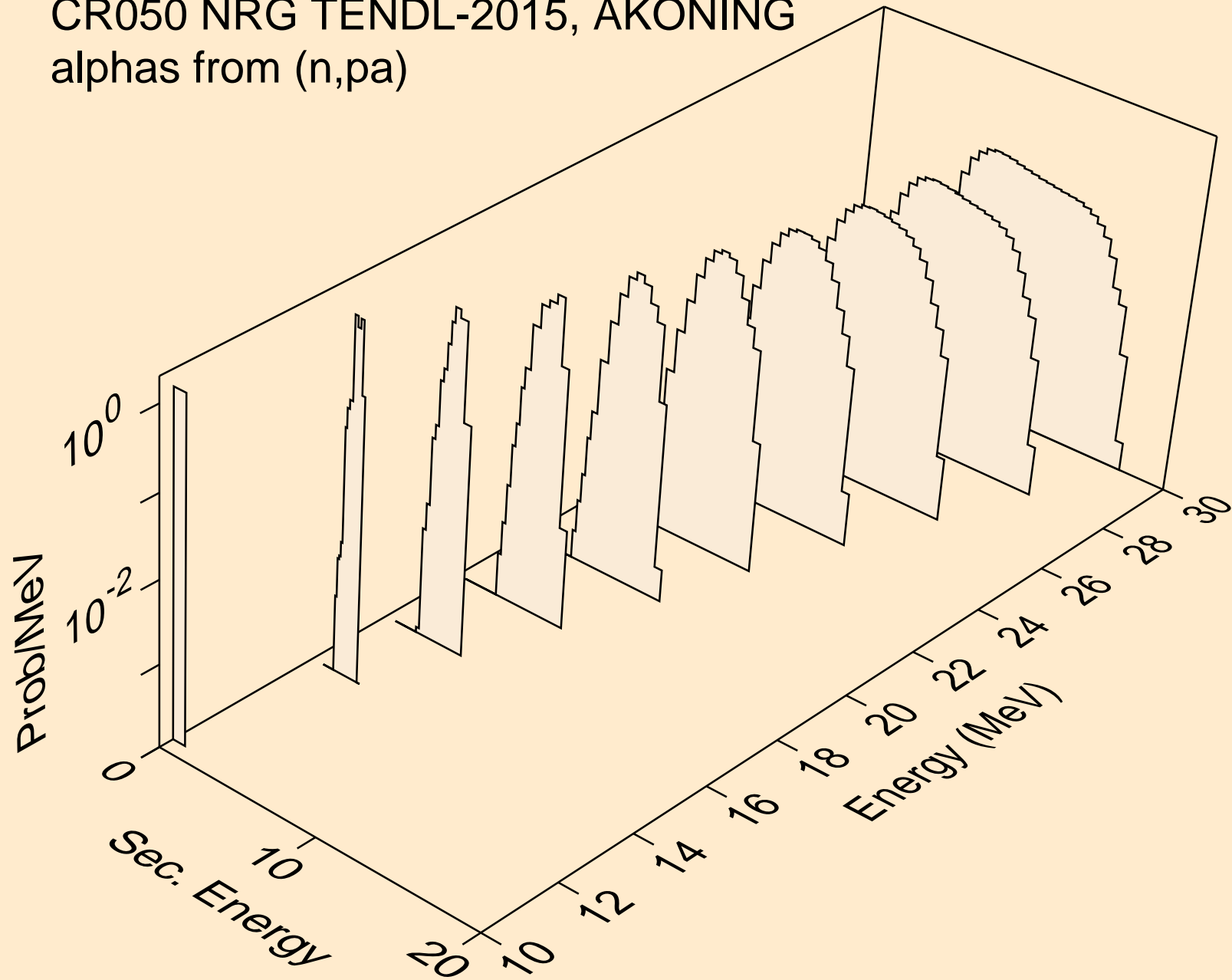


CR050 NRG TENDL-2015, AKONING  
alphas from (n,2a)





CR050 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CR050 NRG TENDL-2015, AKONING  
alphas from (n,da)

