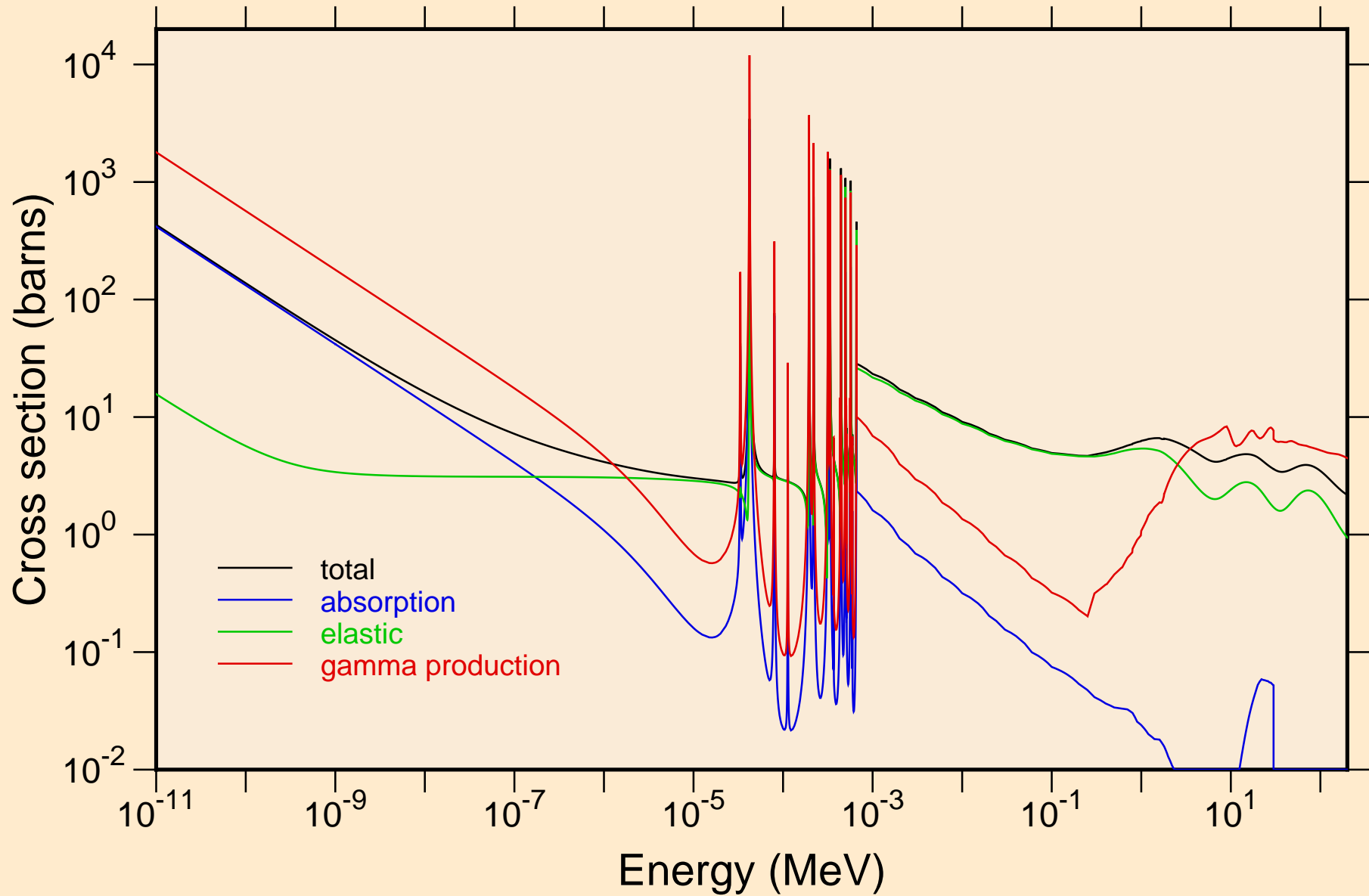
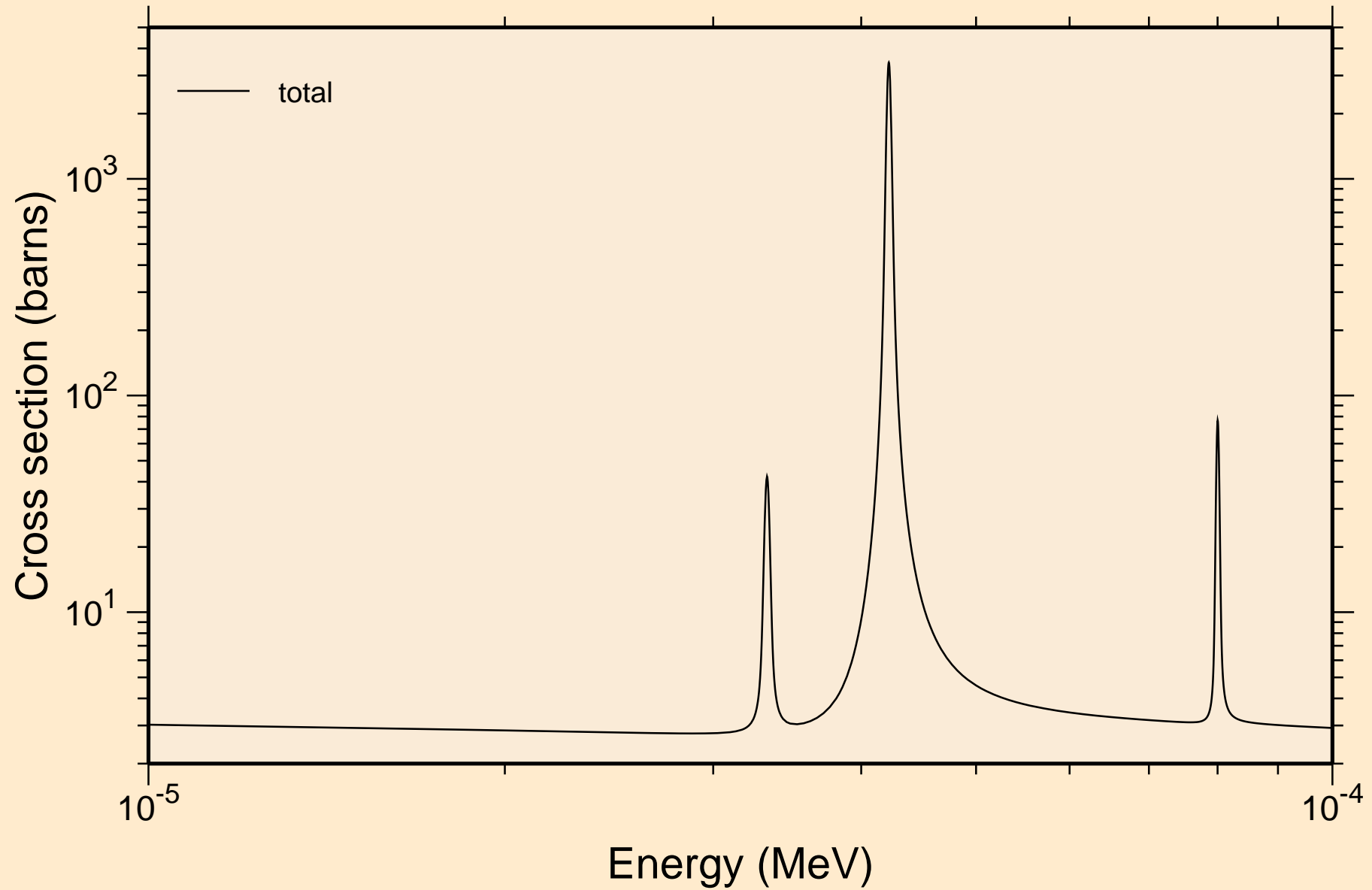


# CS135 NRG TENDL-2015, AKONING

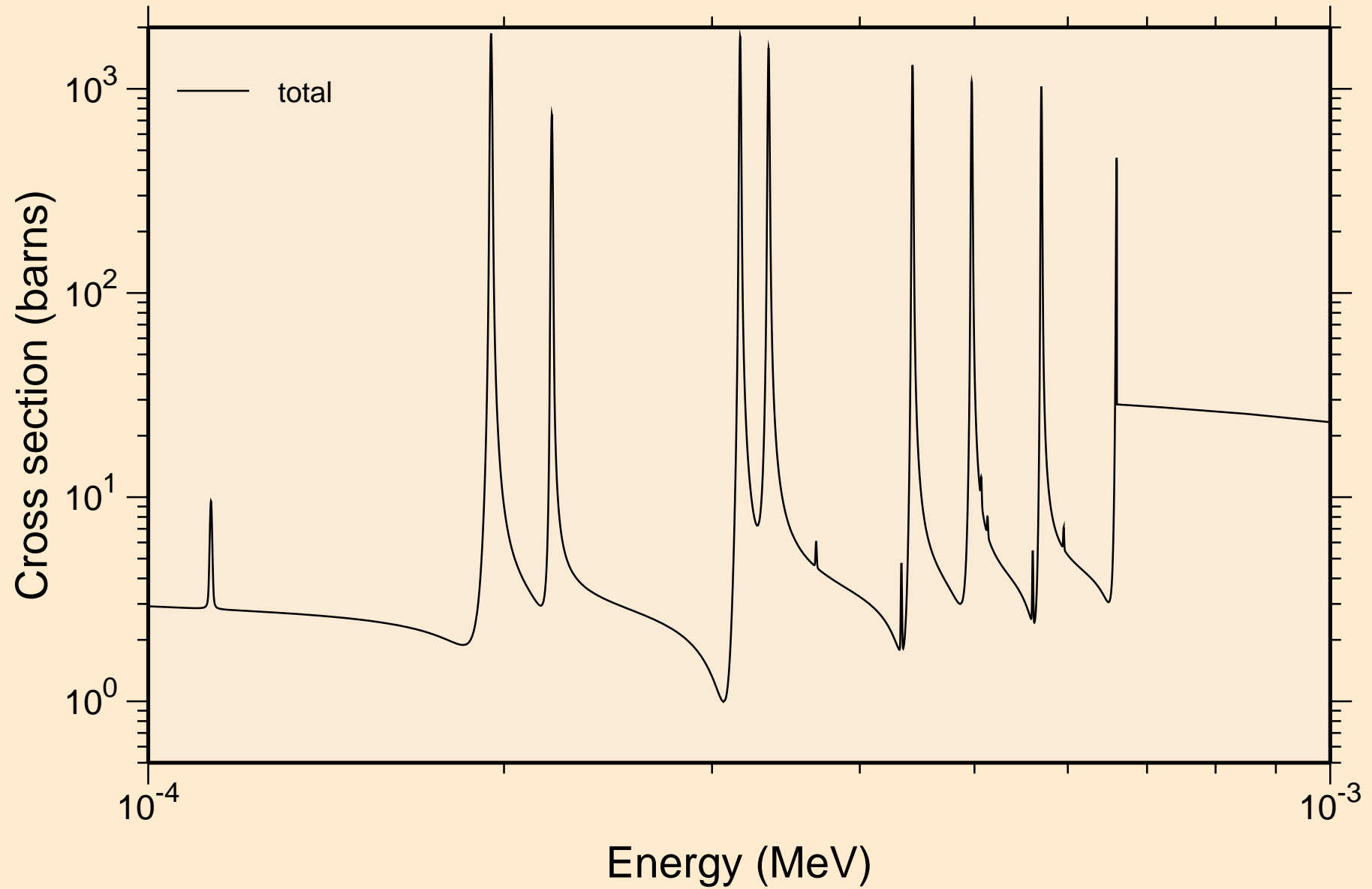
## Principal cross sections



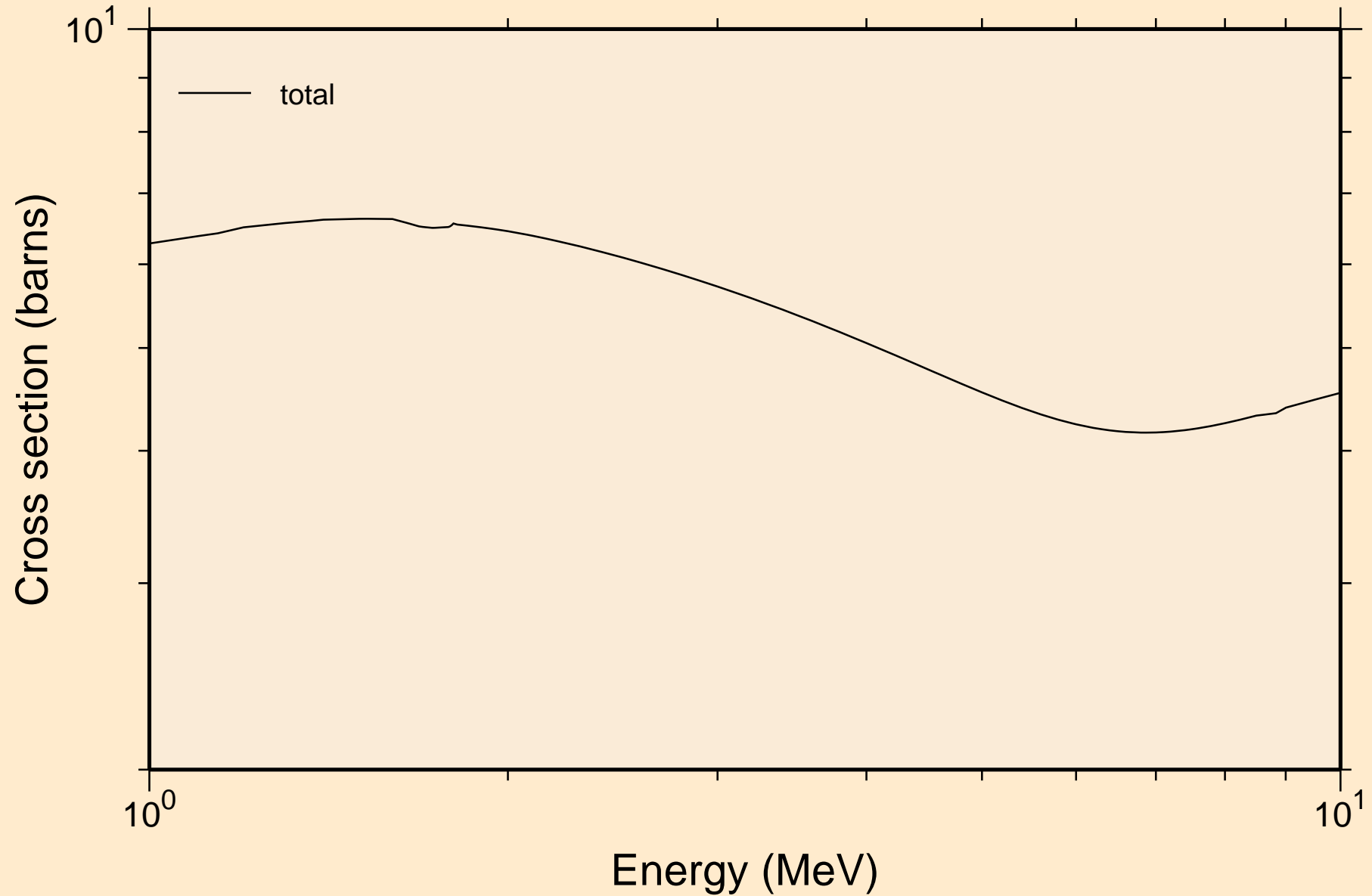
CS135 NRG TENDL-2015, AKONING  
resonance total cross section



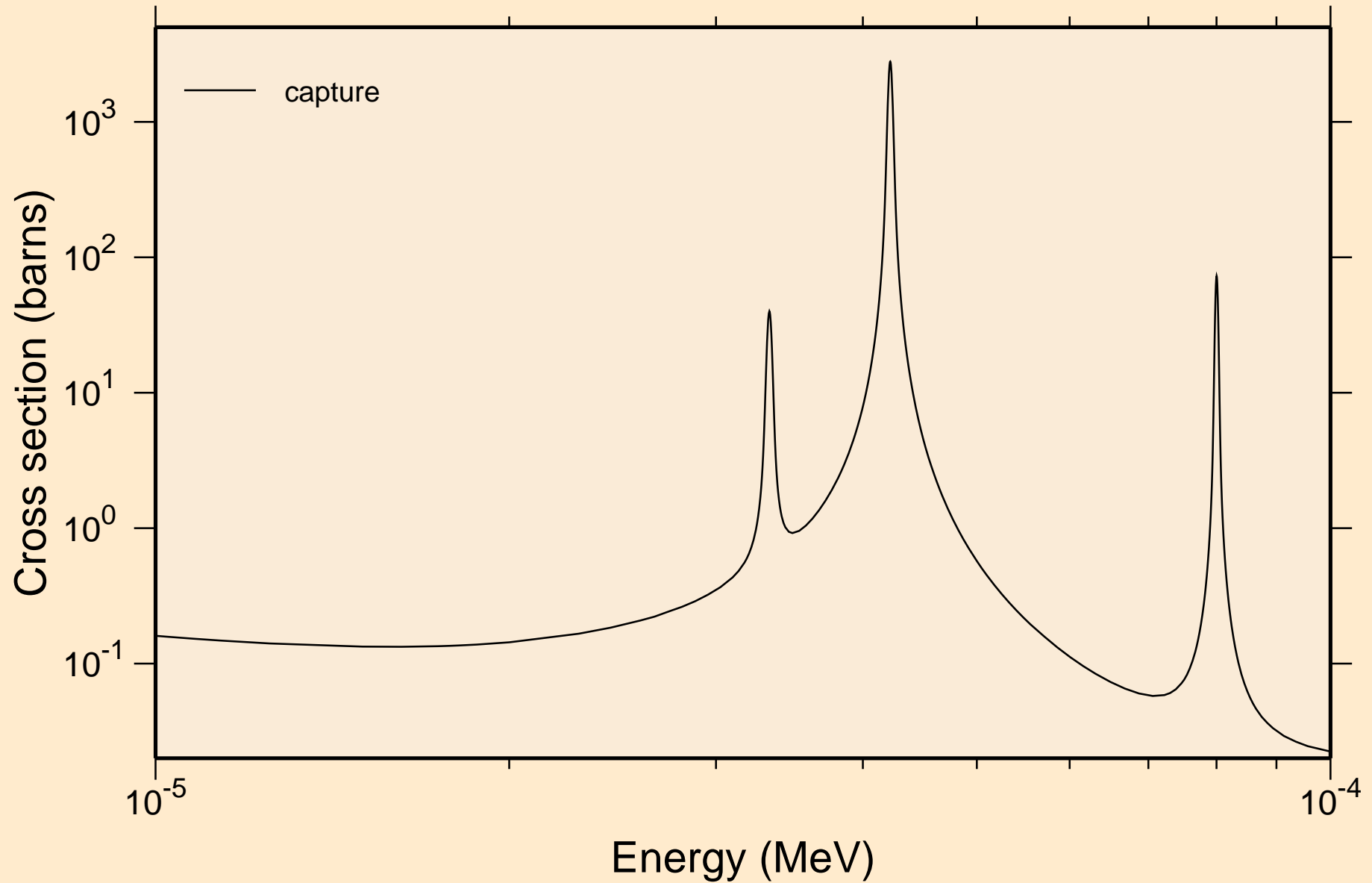
CS135 NRG TENDL-2015, AKONING  
resonance total cross section



CS135 NRG TENDL-2015, AKONING  
resonance total cross section

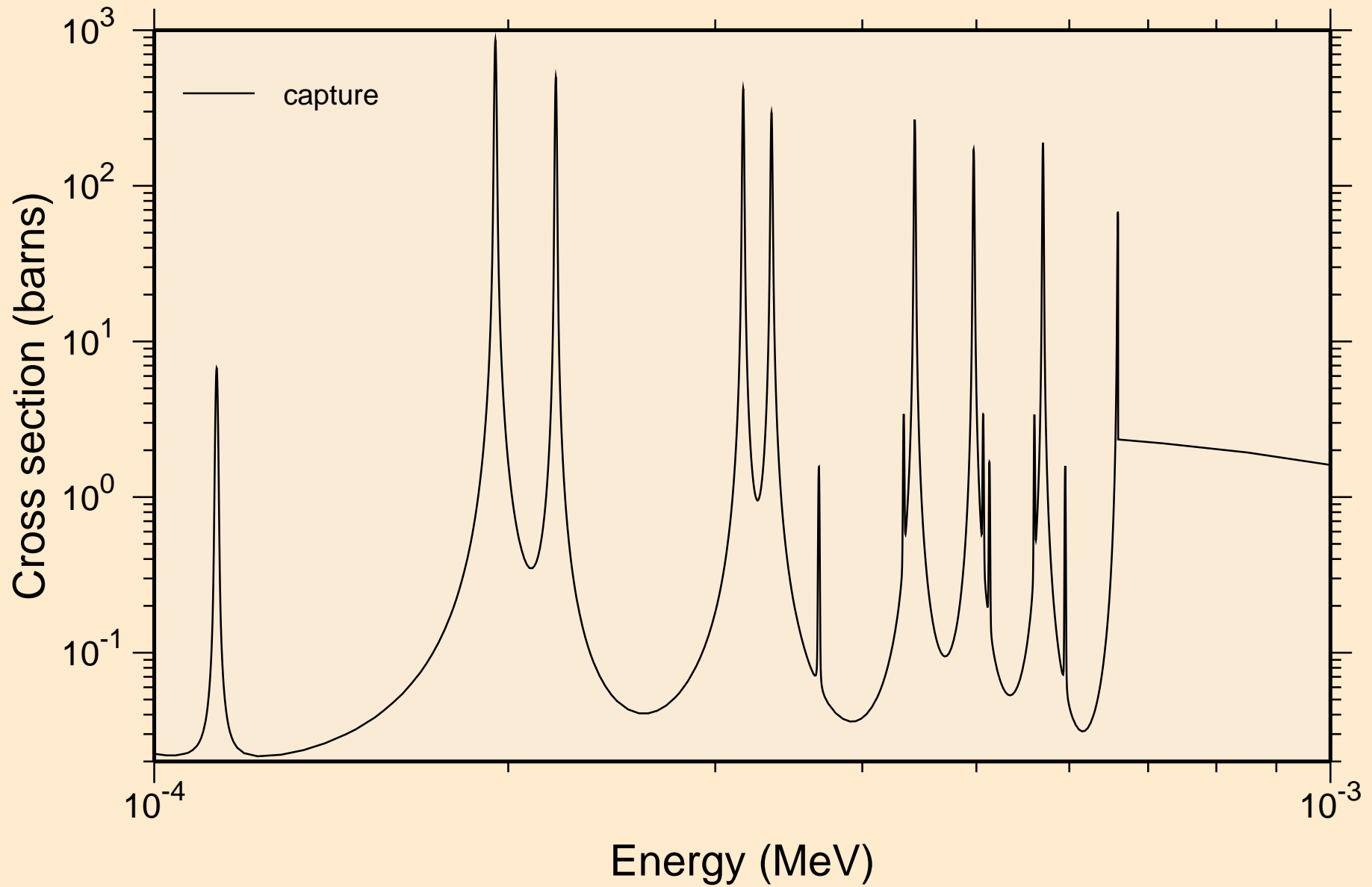


CS135 NRG TENDL-2015, AKONING  
resonance absorption cross sections

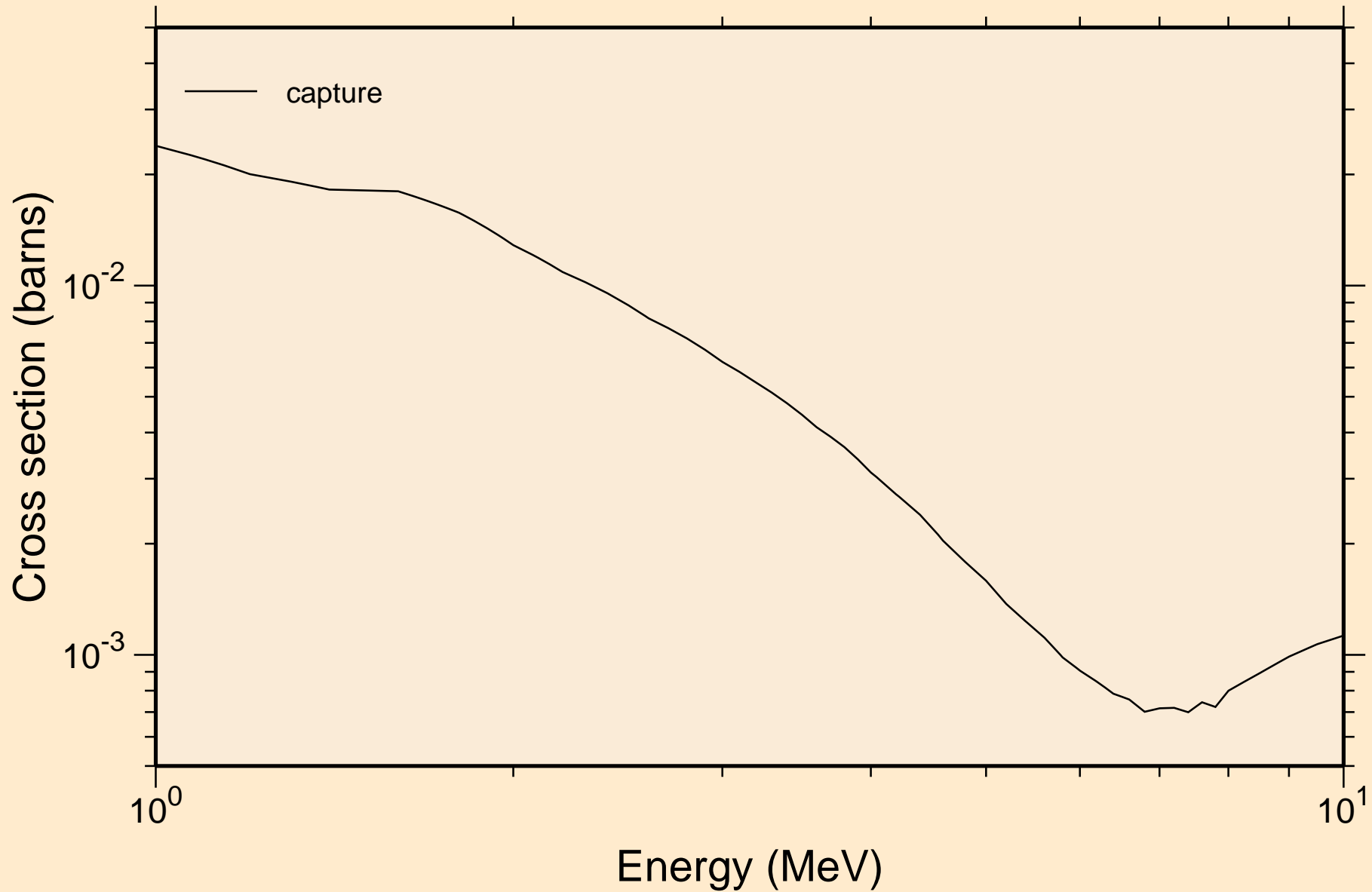


# CS135 NRG TENDL-2015, AKONING

## resonance absorption cross sections

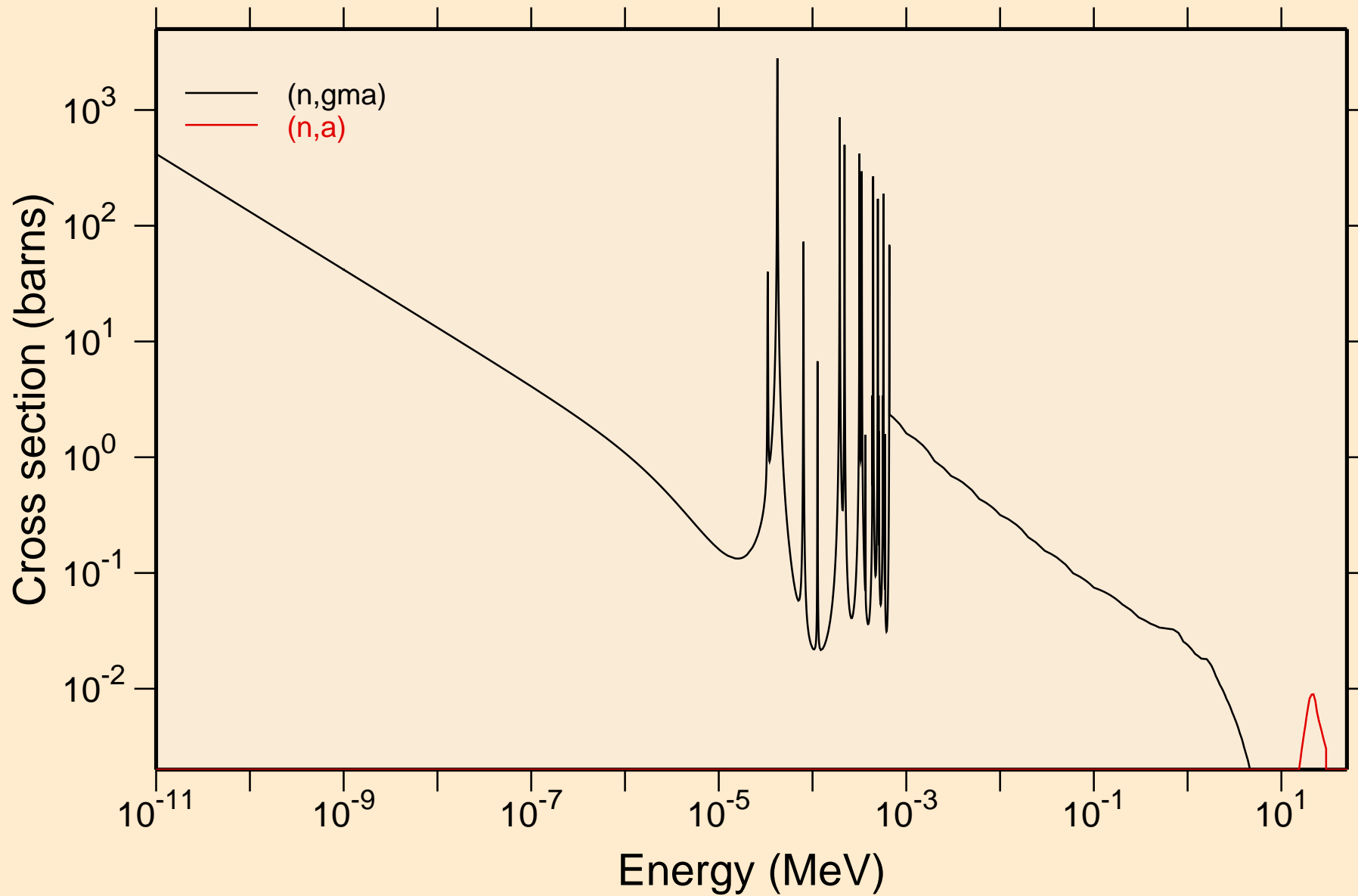


# CS135 NRG TENDL-2015, AKONING resonance absorption cross sections



# CS135 NRG TENDL-2015, AKONING

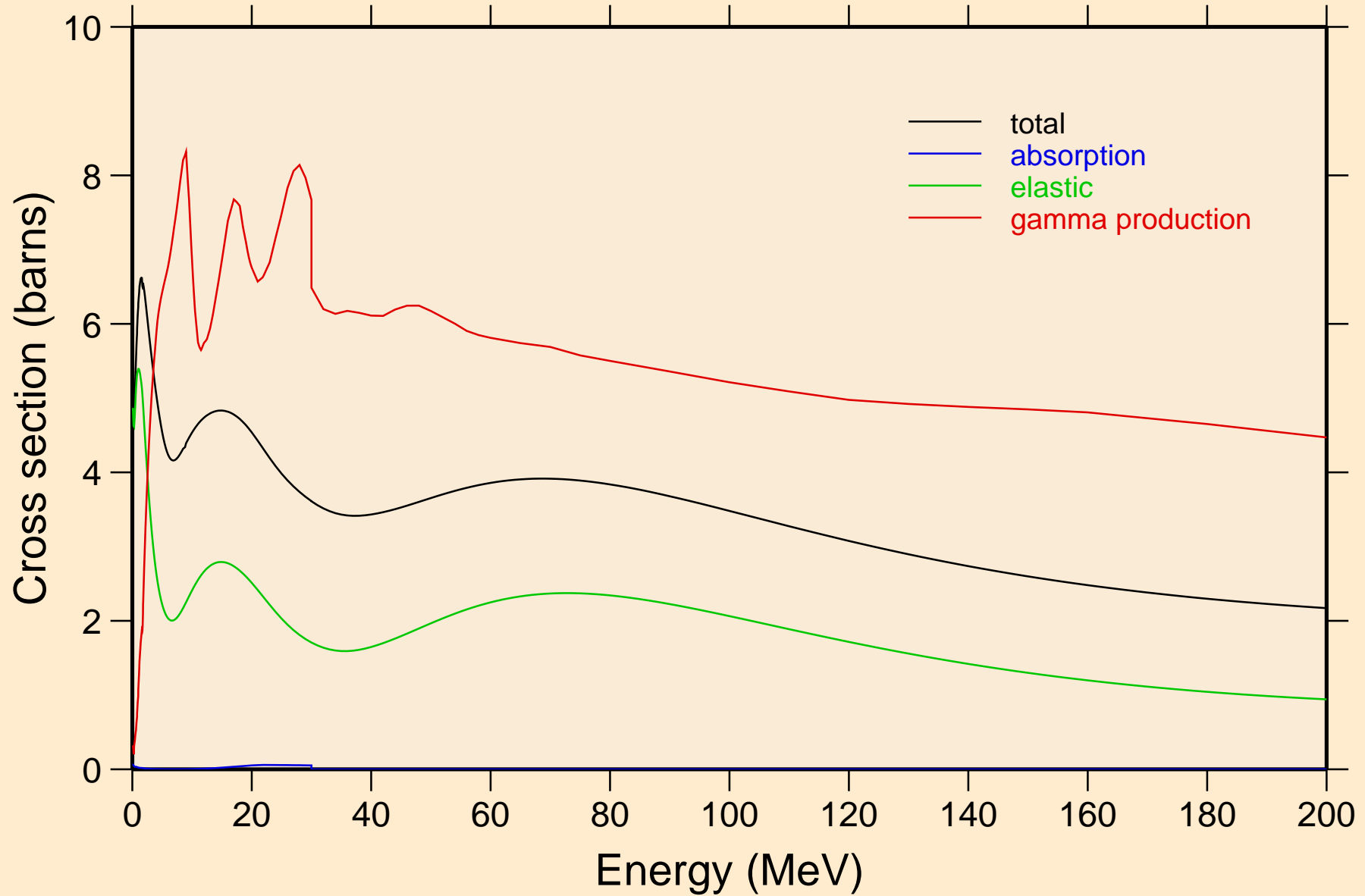
## Non-threshold reactions





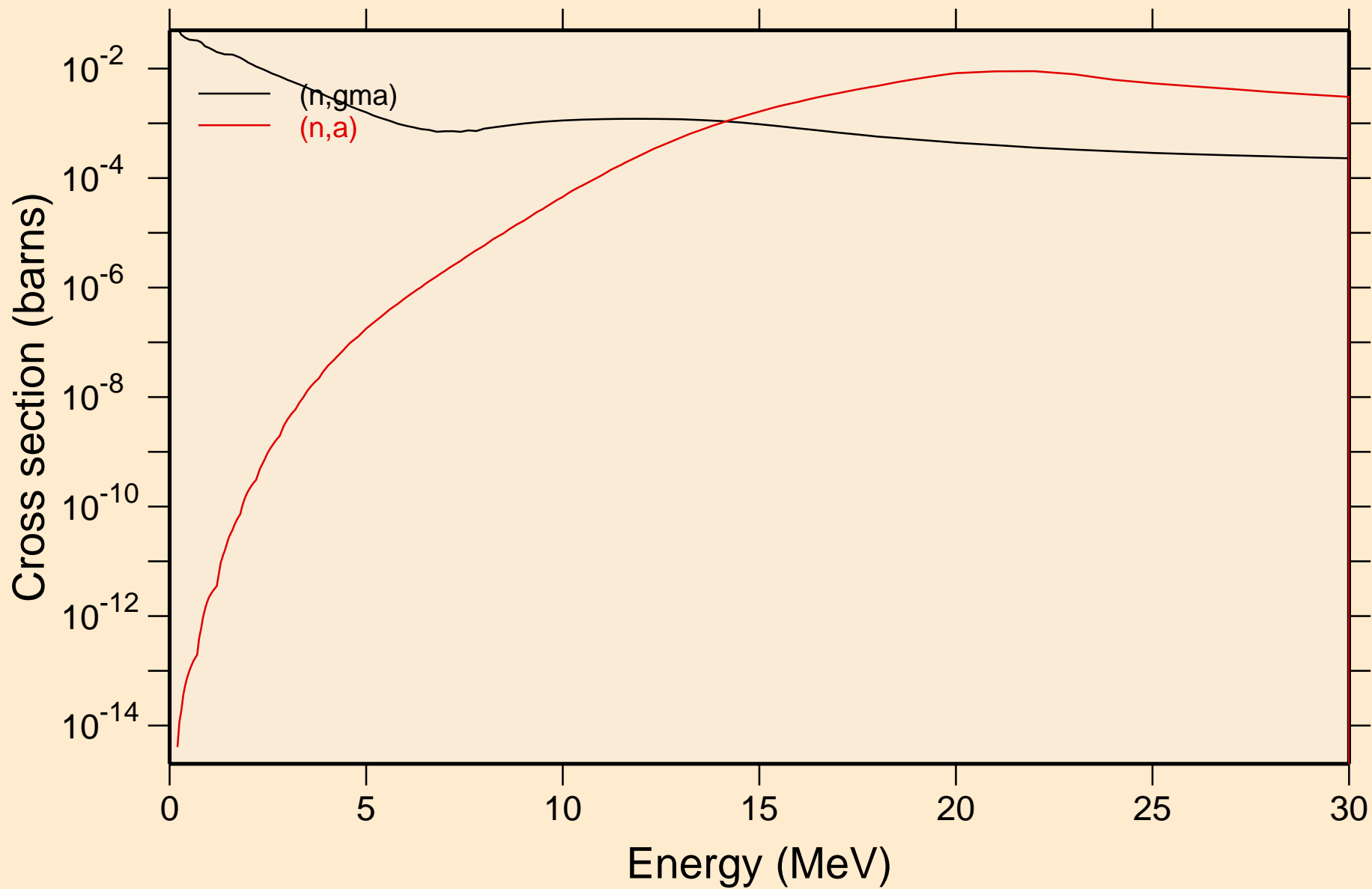
# CS135 NRG TENDL-2015, AKONING

## Principal cross sections



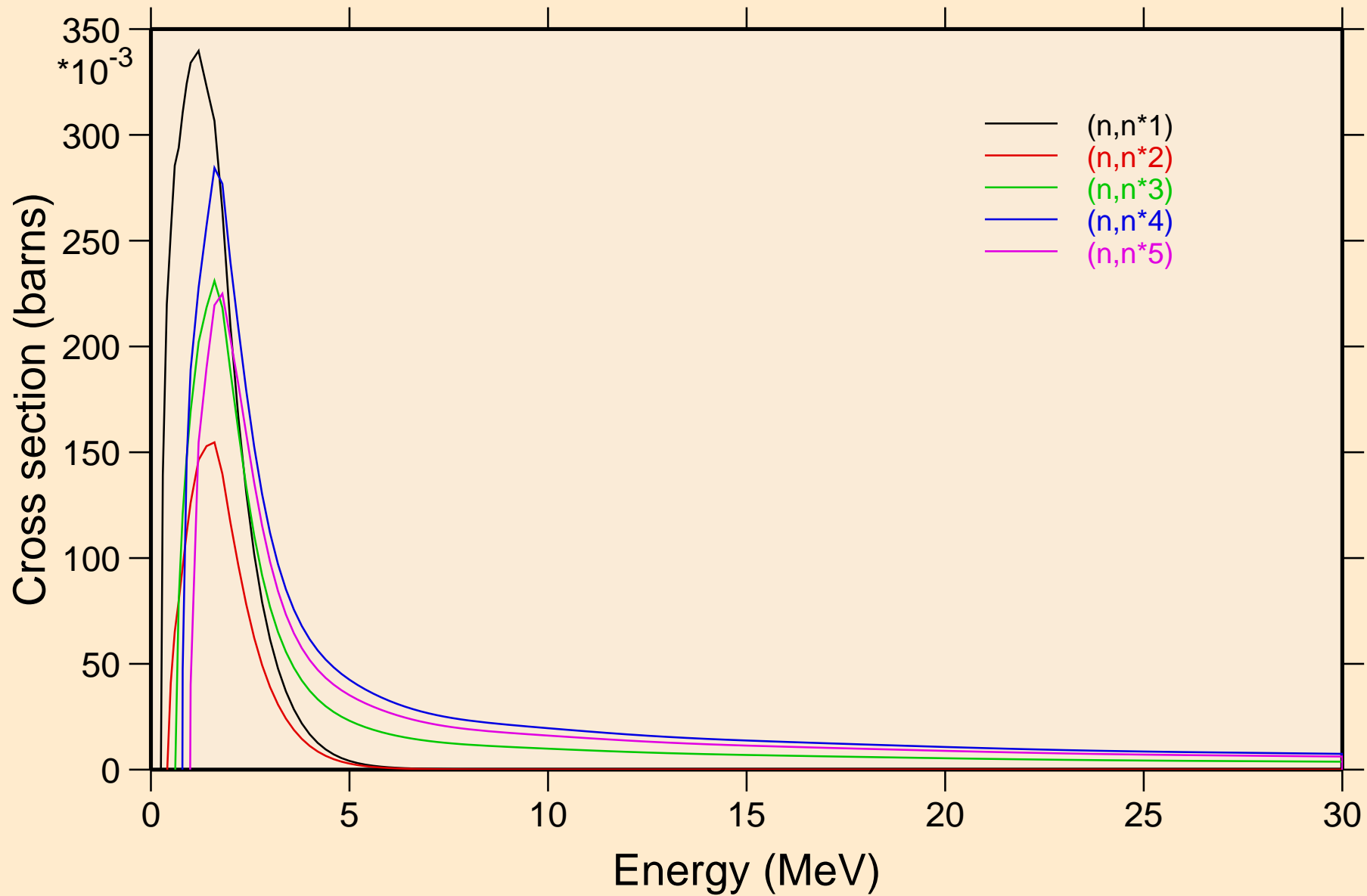
# CS135 NRG TENDL-2015, AKONING

## Non-threshold reactions



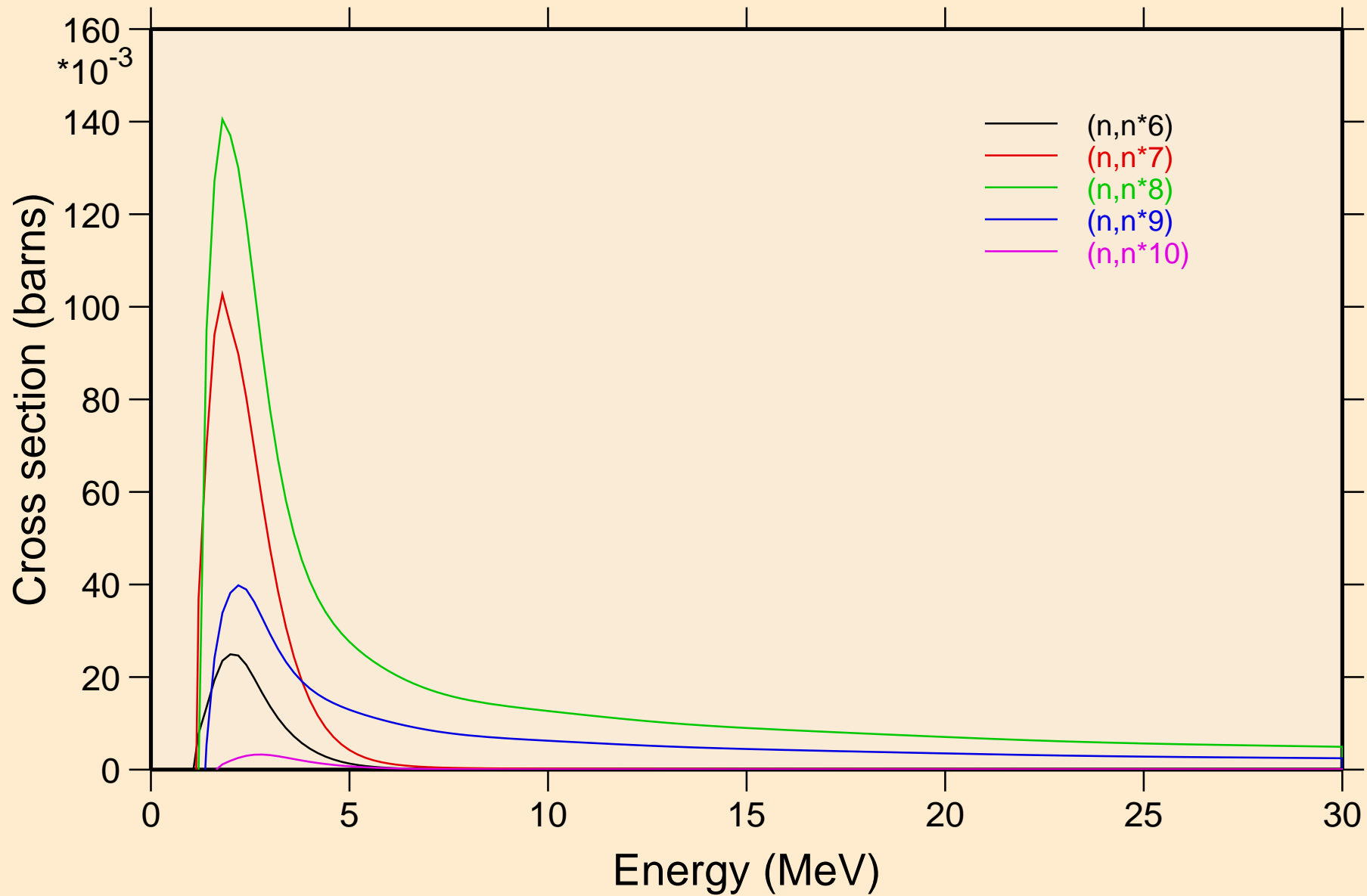
# CS135 NRG TENDL-2015, AKONING

## Inelastic levels



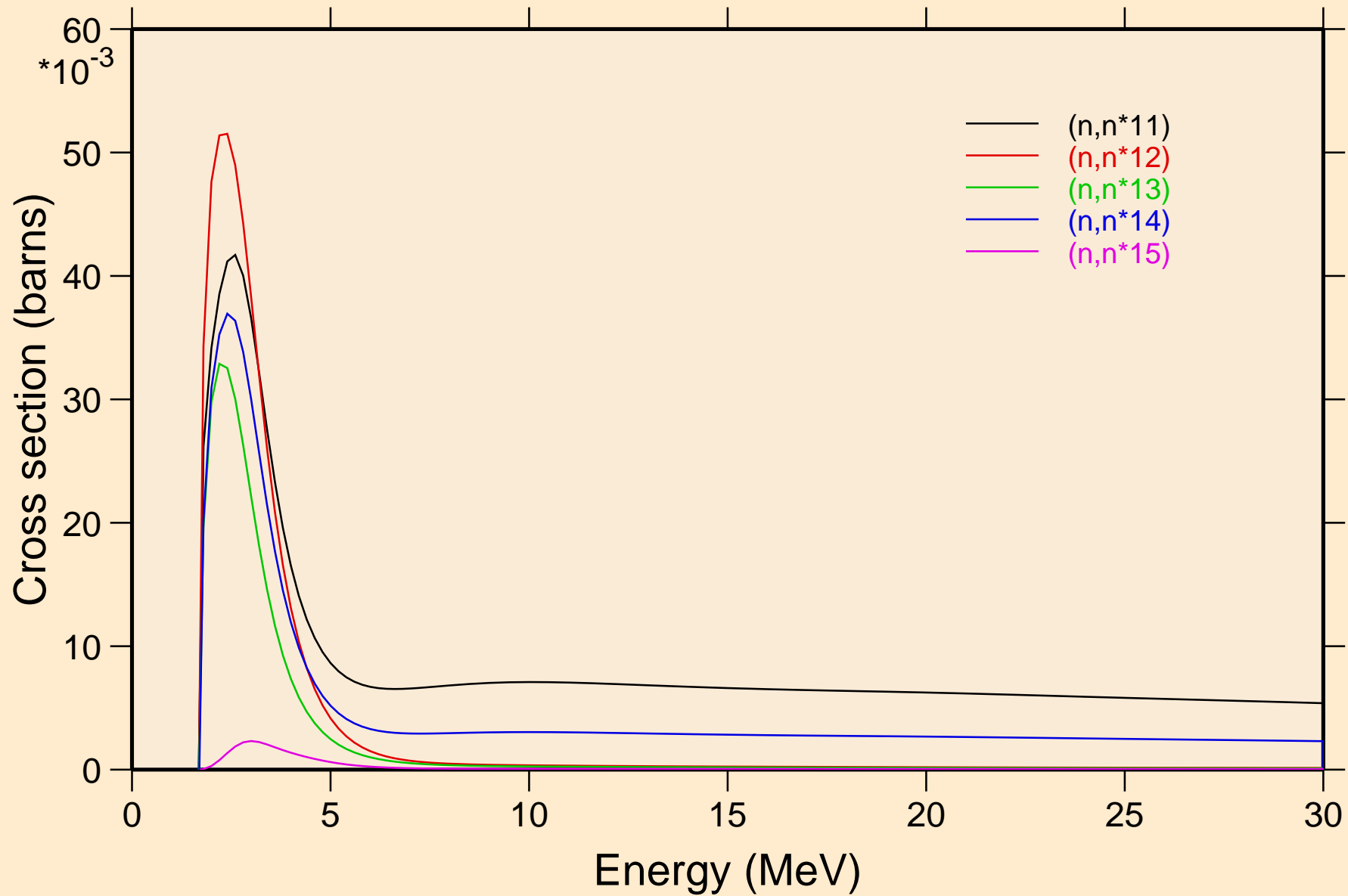
# CS135 NRG TENDL-2015, AKONING

## Inelastic levels



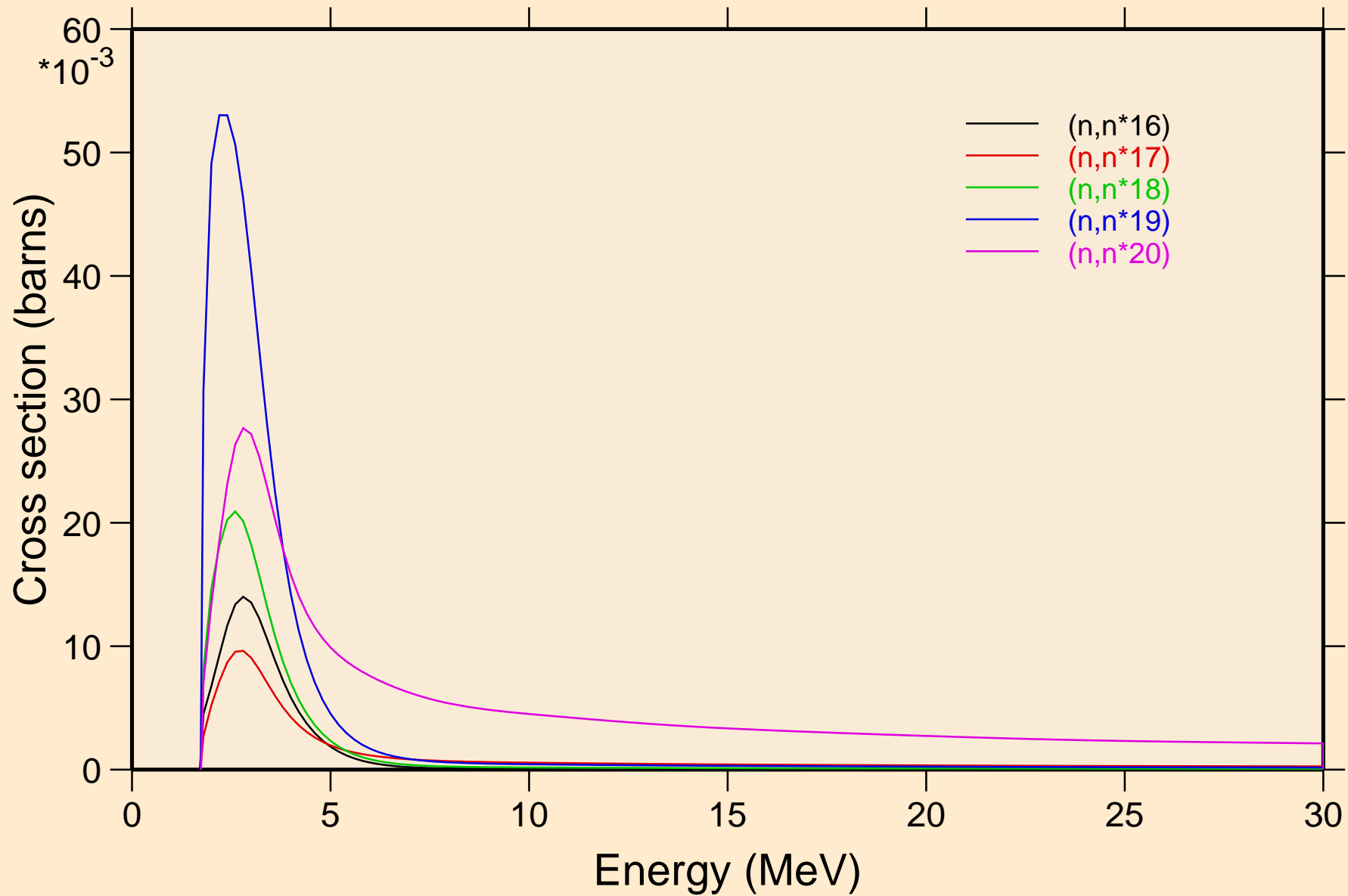
# CS135 NRG TENDL-2015, AKONING

## Inelastic levels



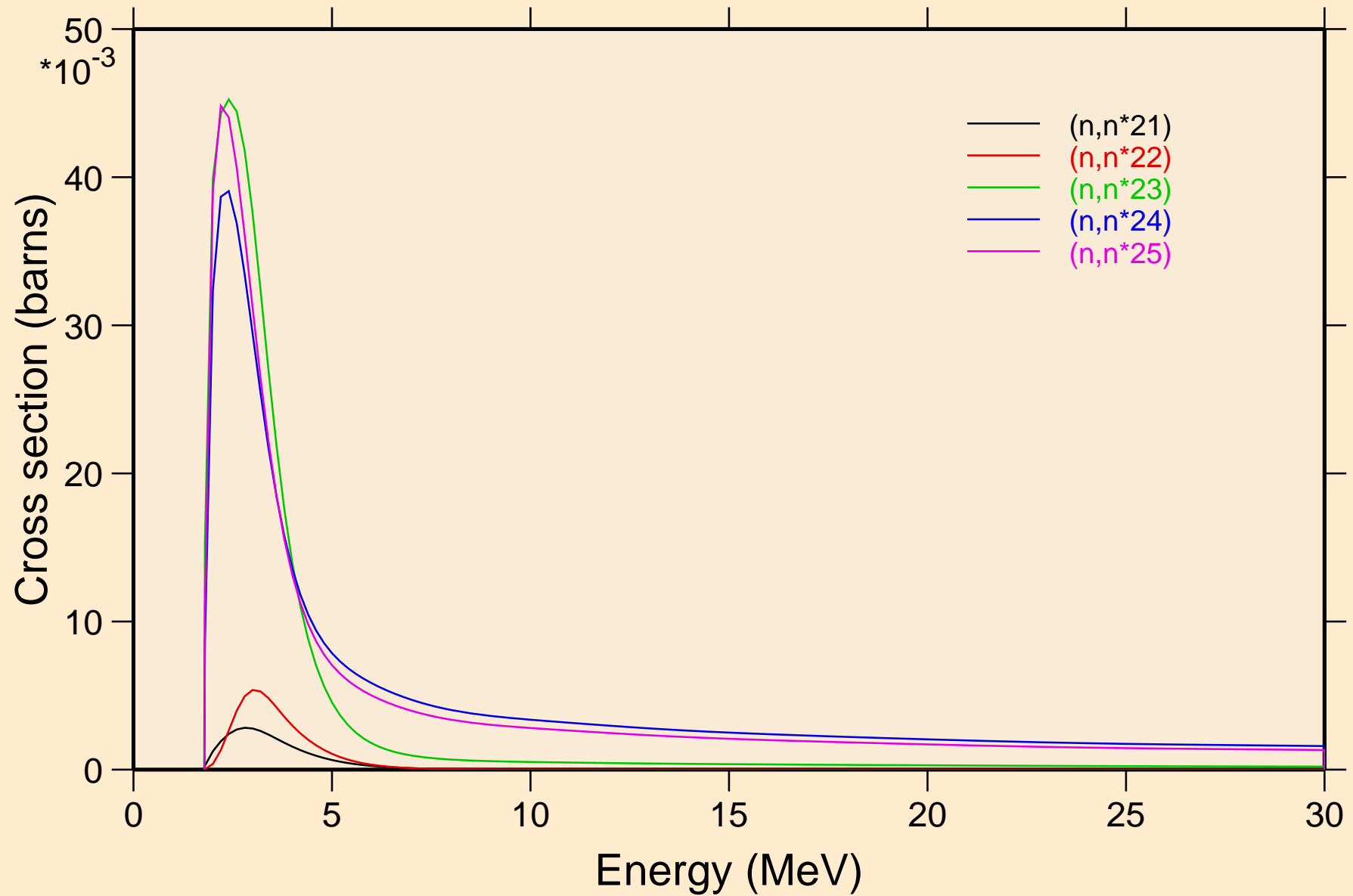
# CS135 NRG TENDL-2015, AKONING

## Inelastic levels



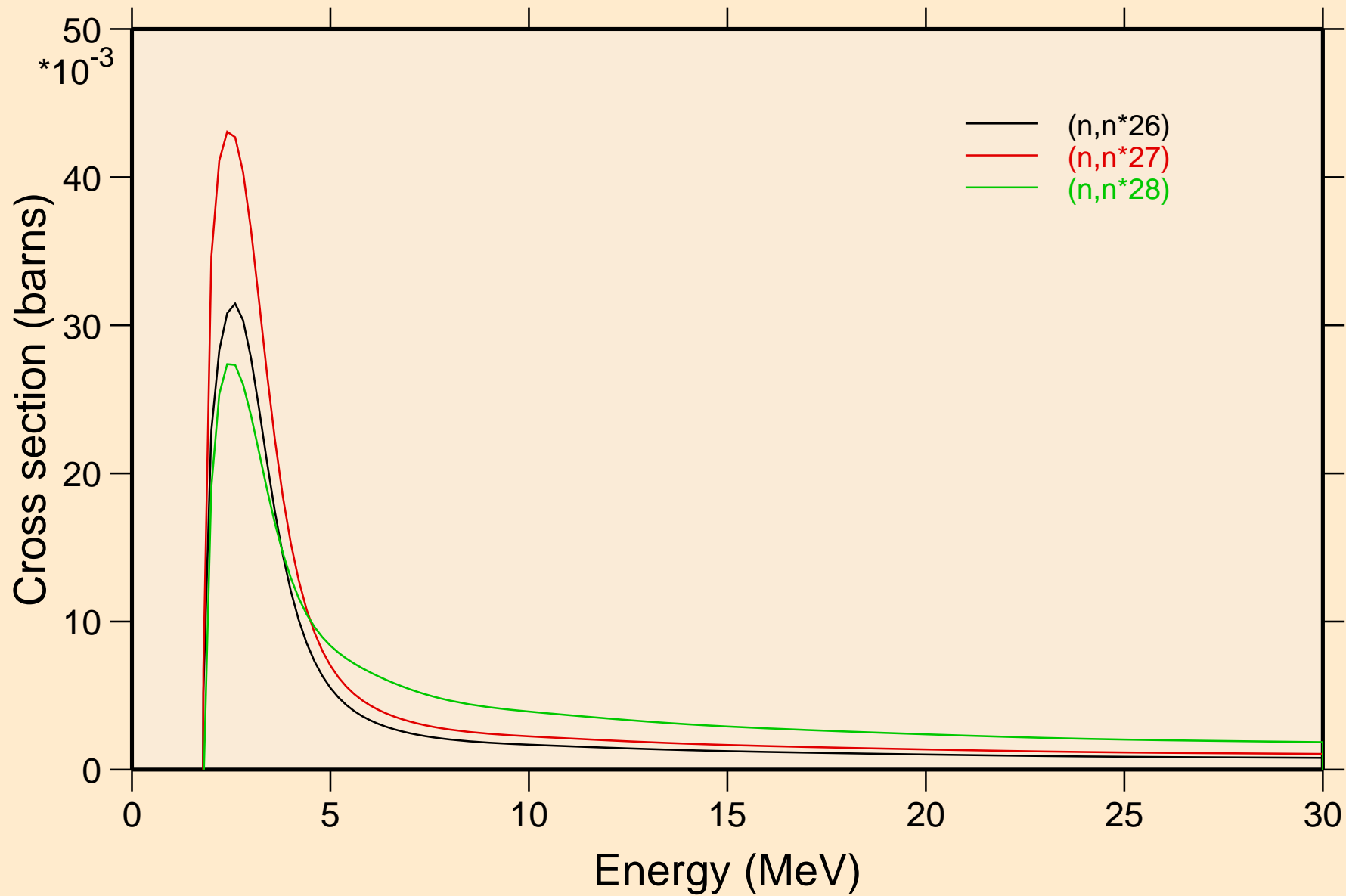
# CS135 NRG TENDL-2015, AKONING

## Inelastic levels



# CS135 NRG TENDL-2015, AKONING

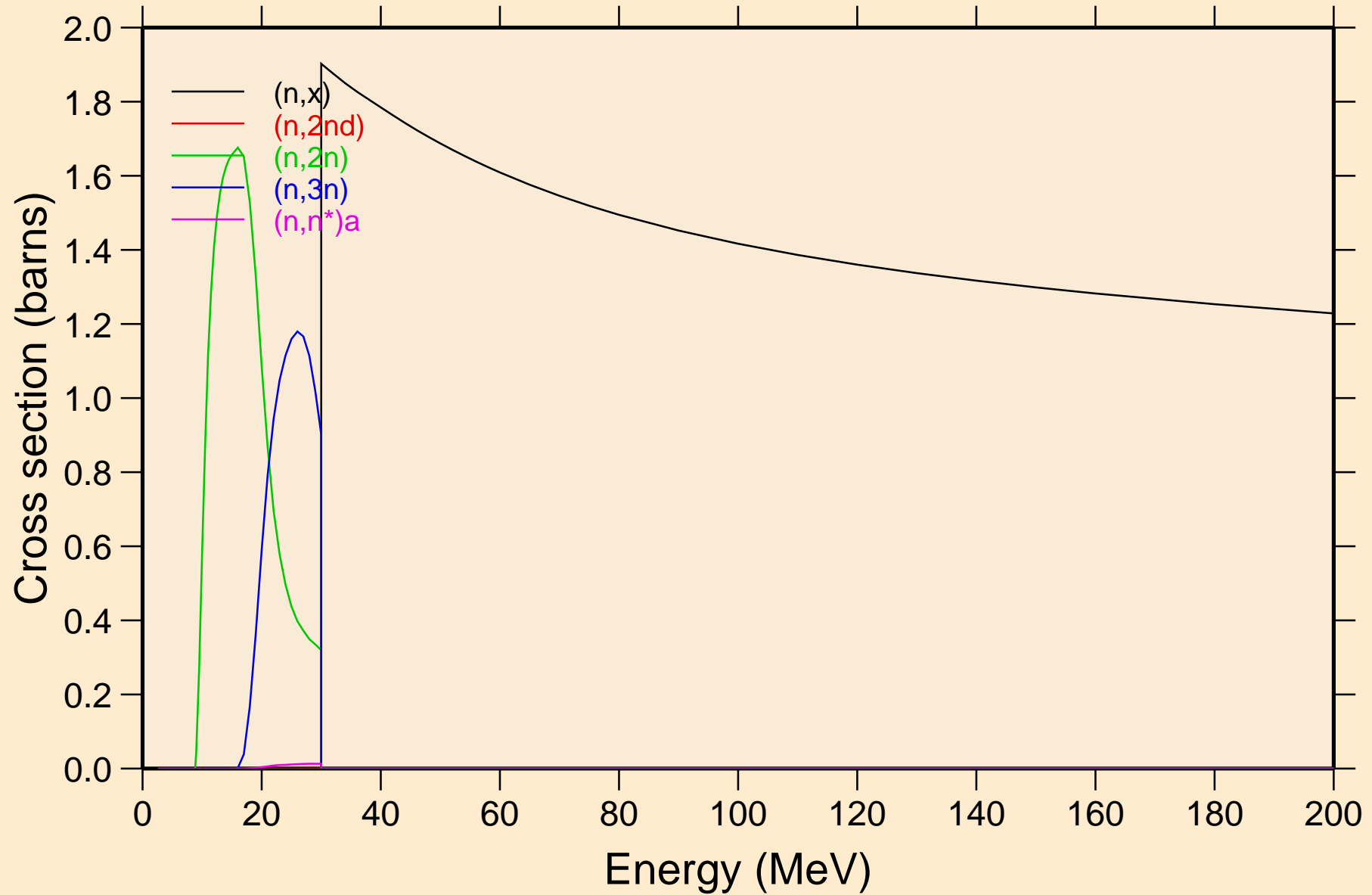
## Inelastic levels





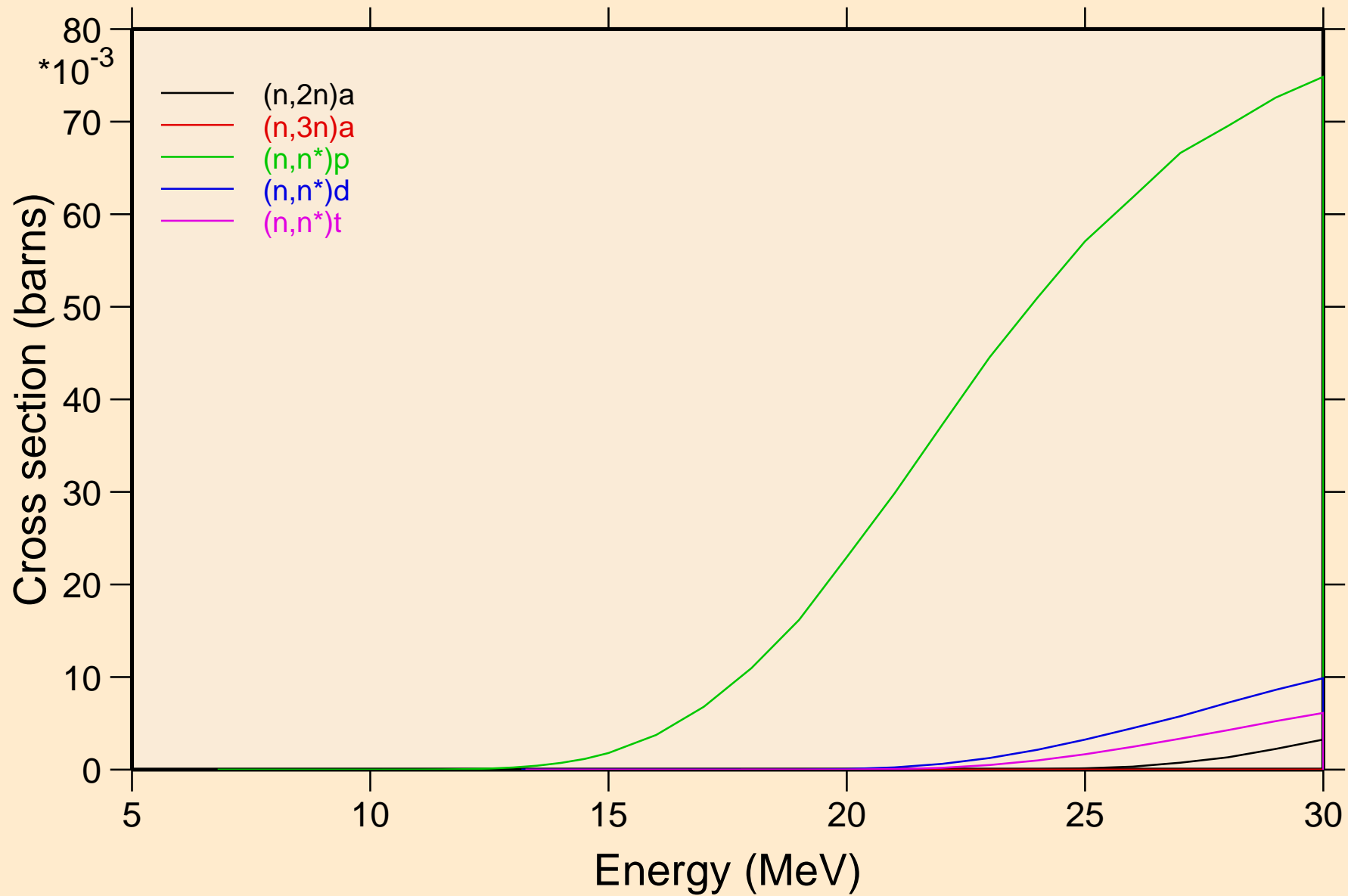
# CS135 NRG TENDL-2015, AKONING

## Threshold reactions



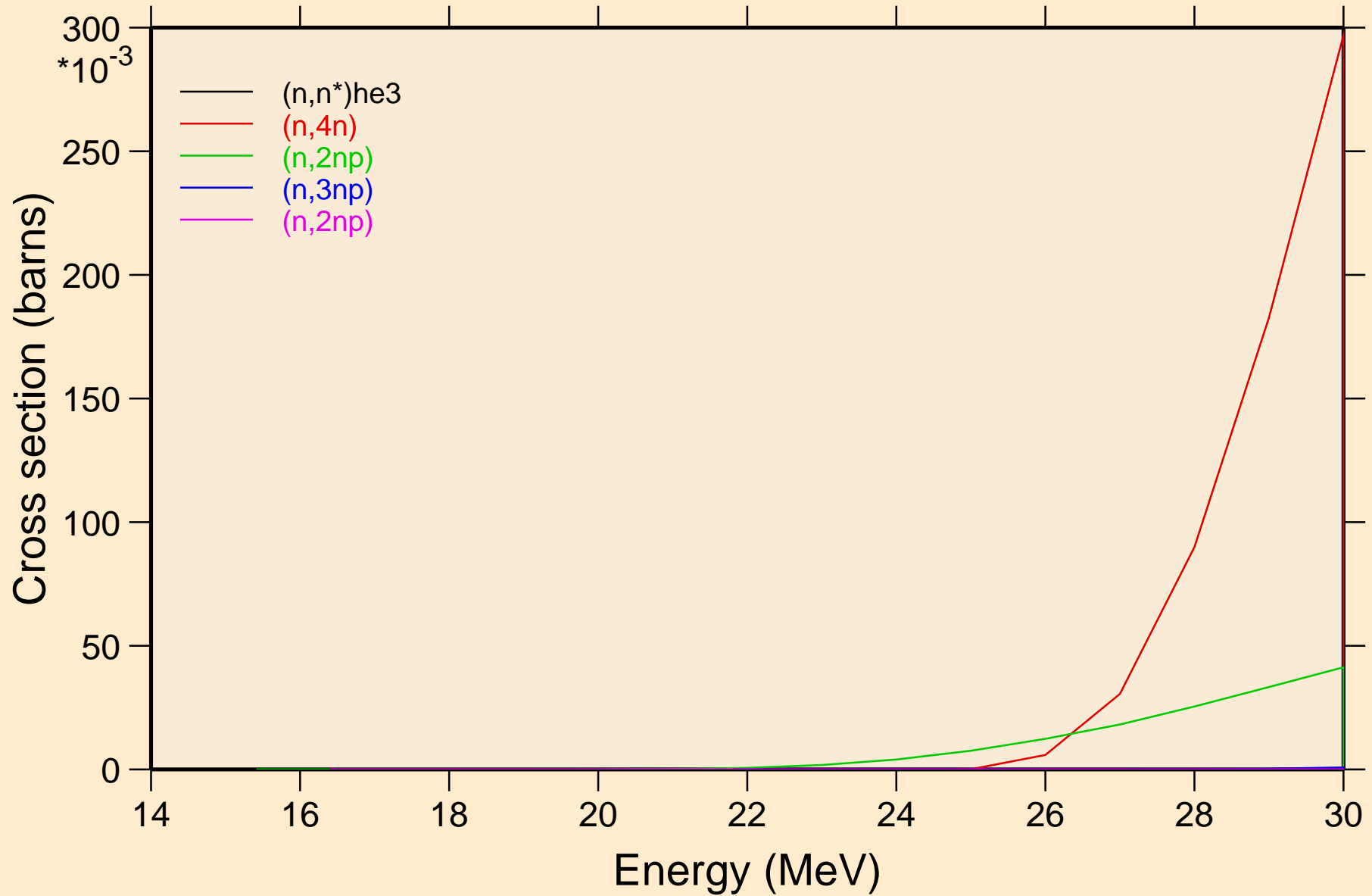
# CS135 NRG TENDL-2015, AKONING

## Threshold reactions



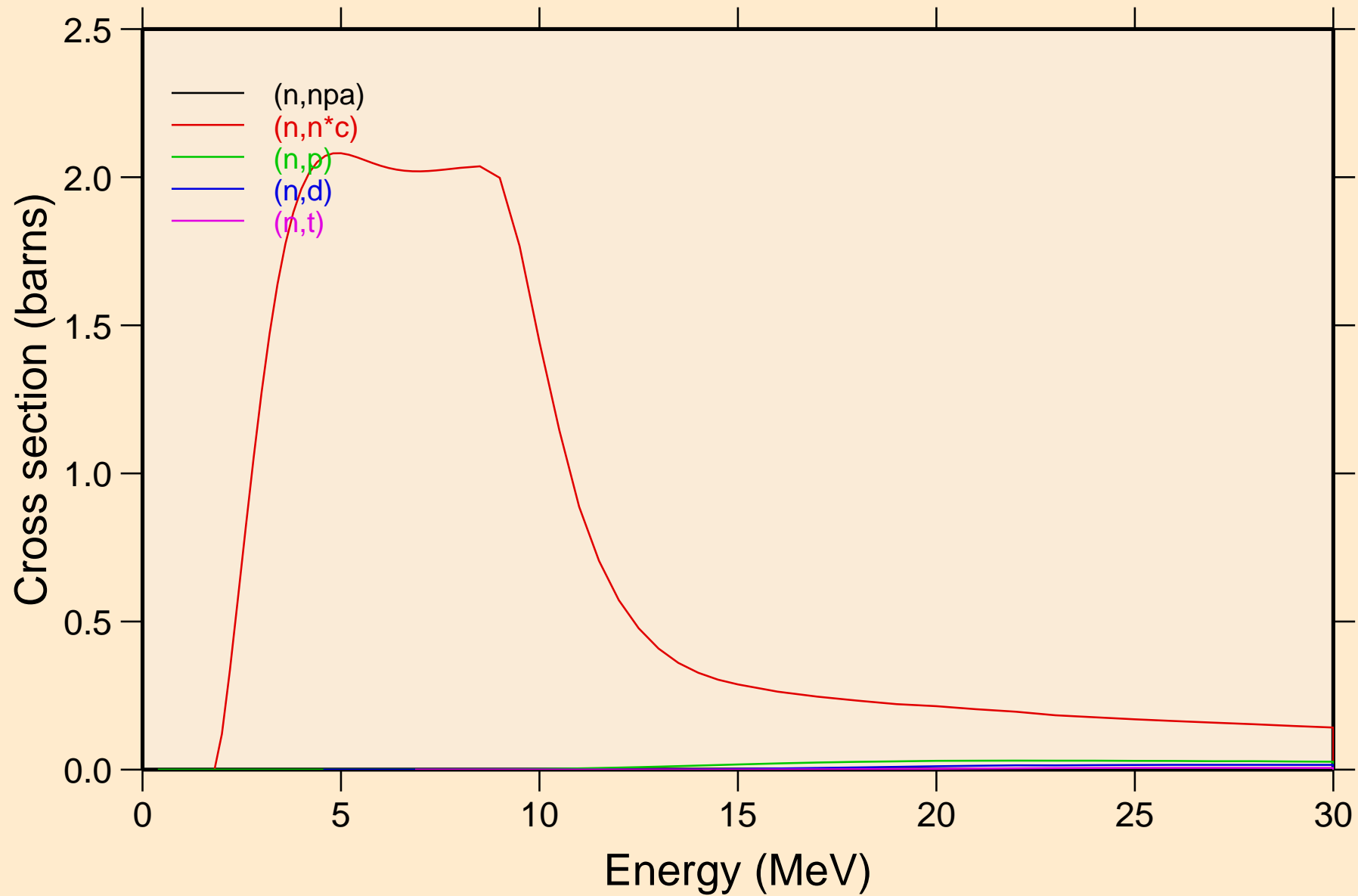
# CS135 NRG TENDL-2015, AKONING

## Threshold reactions



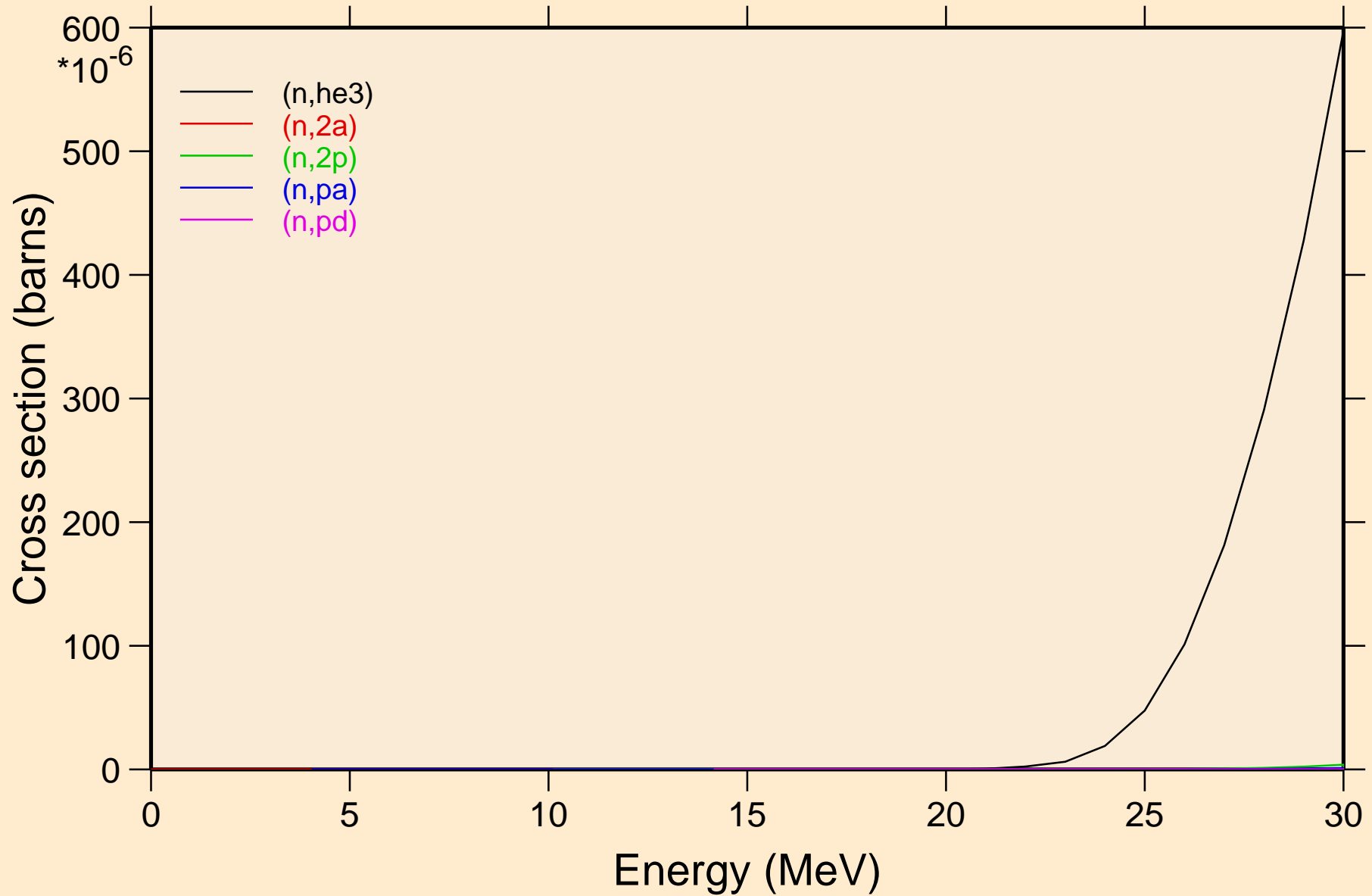
# CS135 NRG TENDL-2015, AKONING

## Threshold reactions



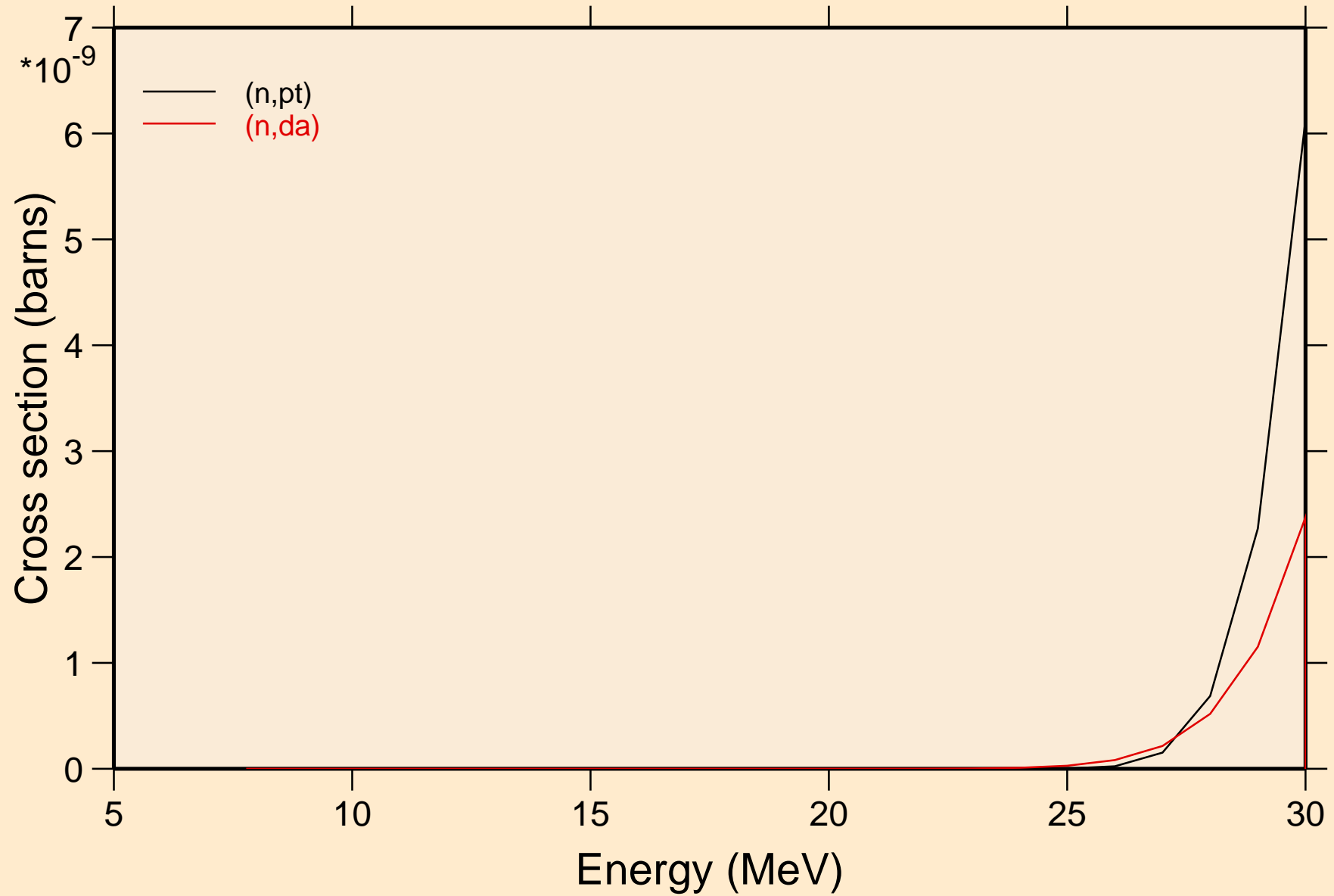
# CS135 NRG TENDL-2015, AKONING

## Threshold reactions

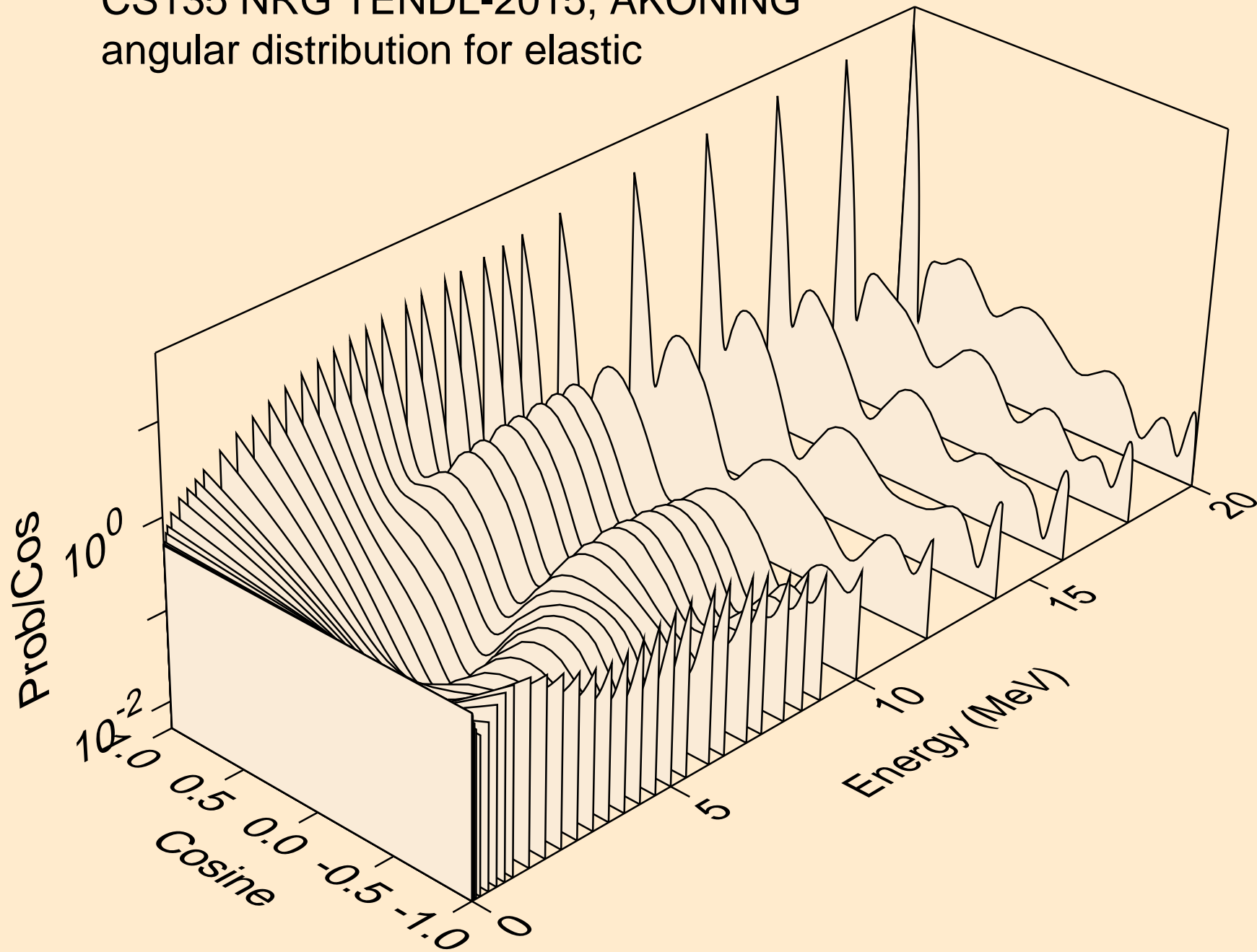


# CS135 NRG TENDL-2015, AKONING

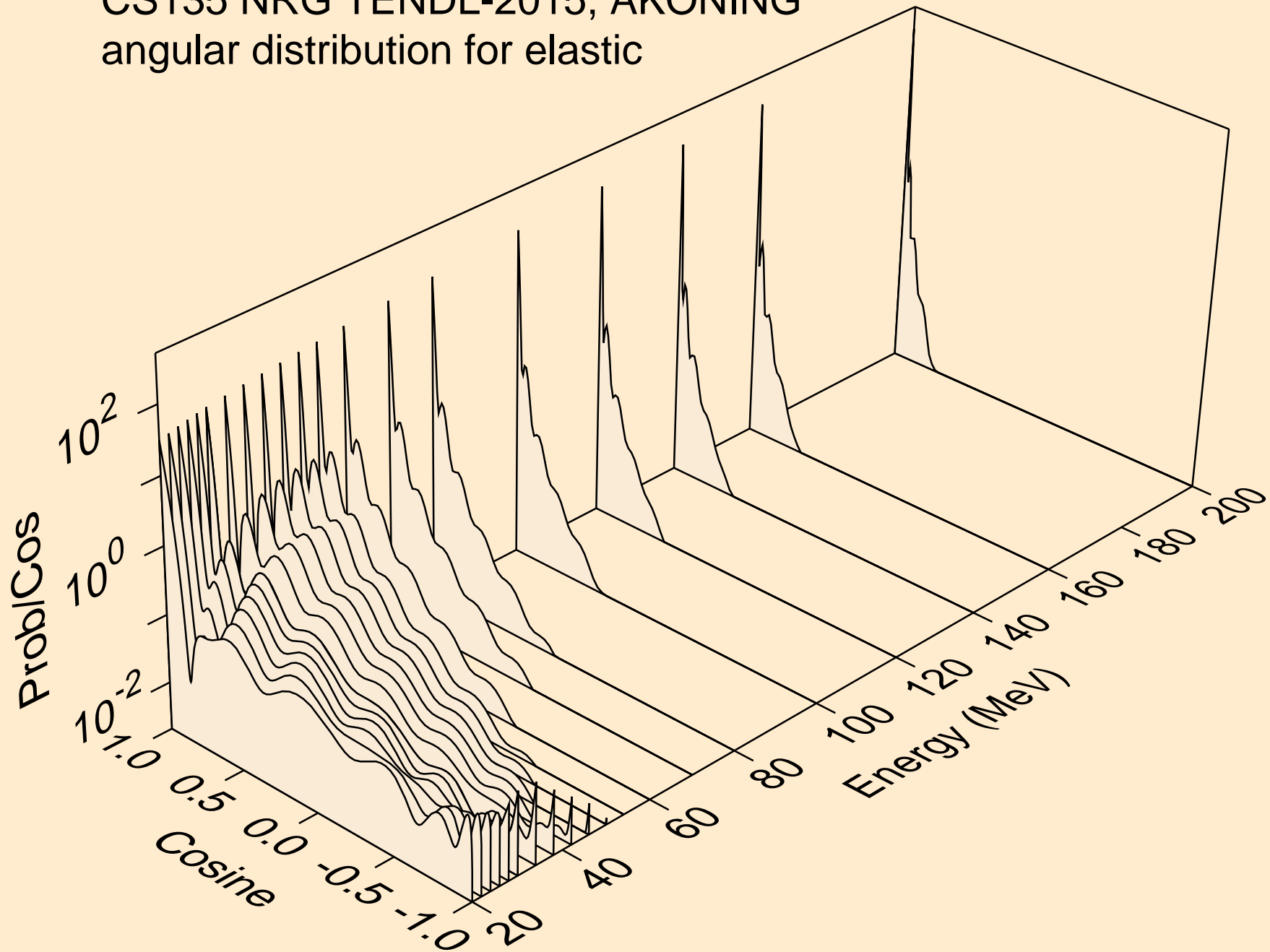
## Threshold reactions



CS135 NRG TENDL-2015, AKONING  
angular distribution for elastic

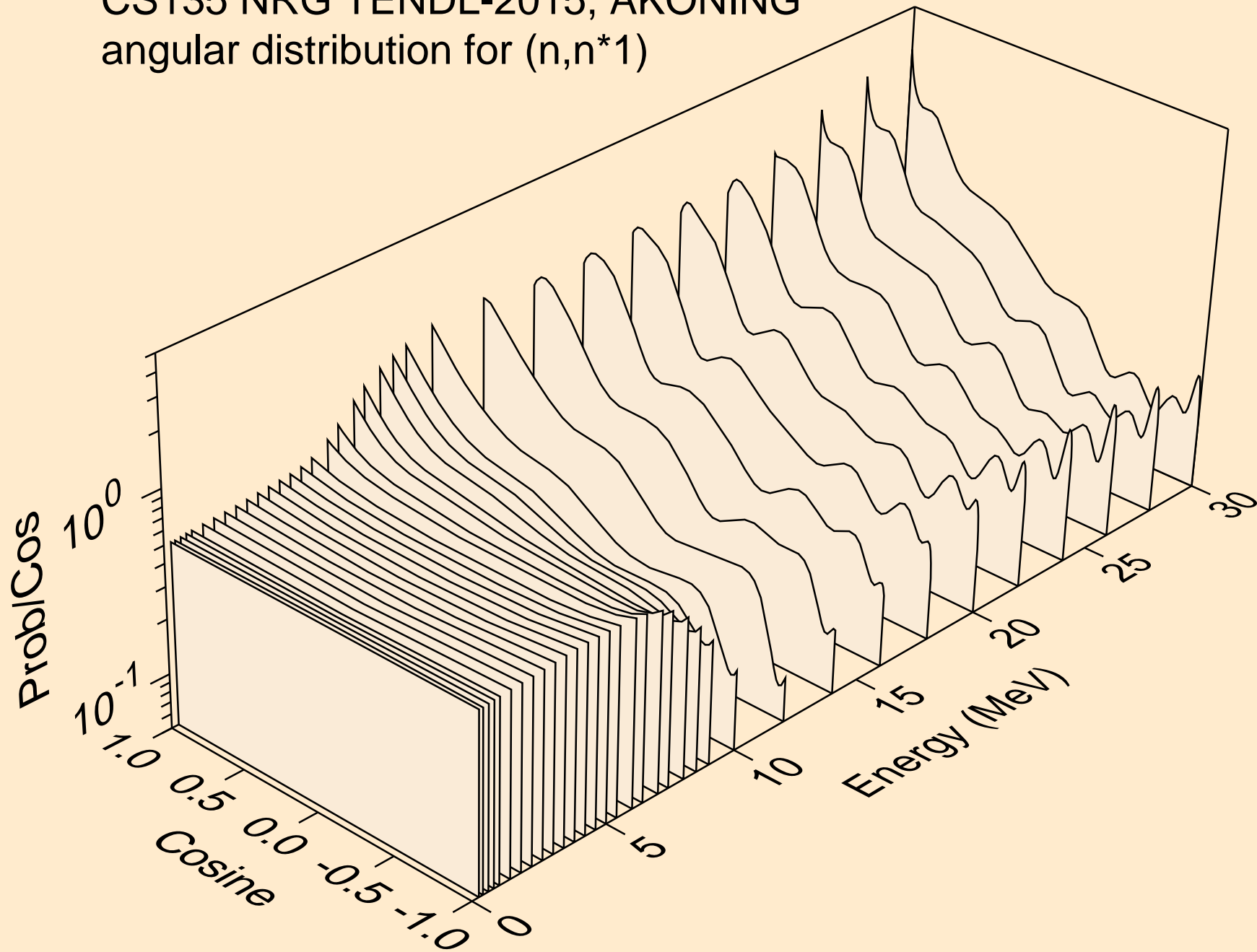


CS135 NRG TENDL-2015, AKONING  
angular distribution for elastic

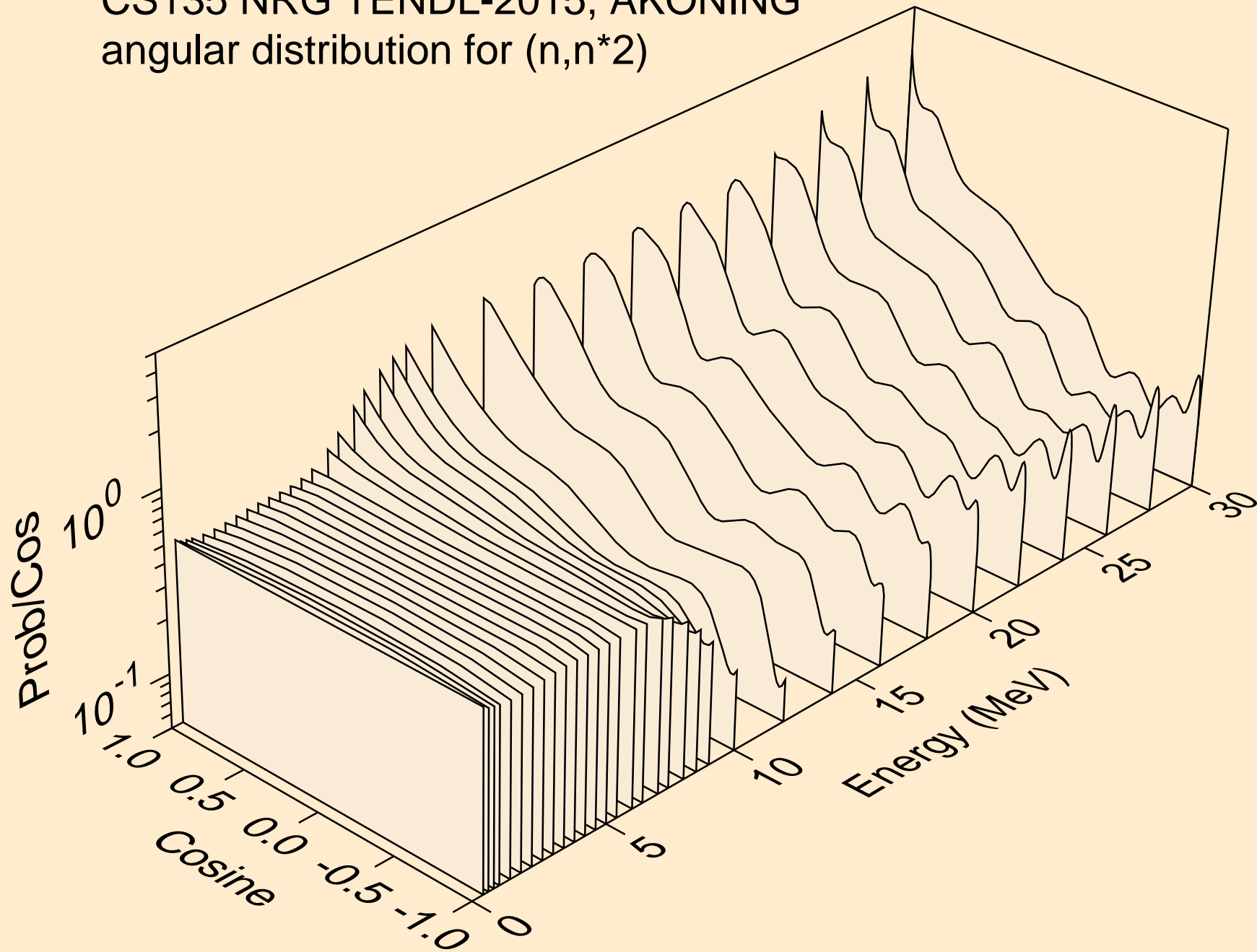




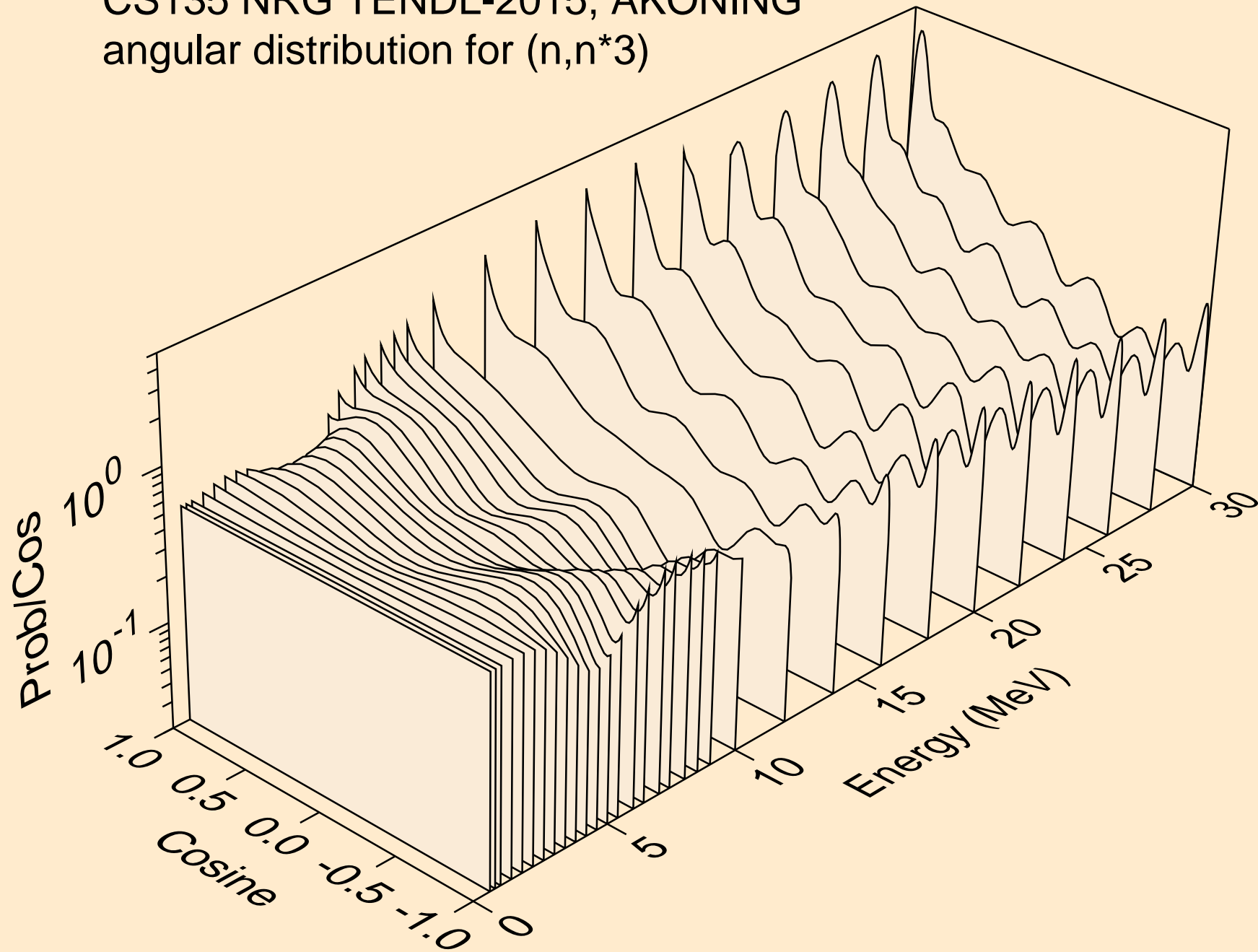
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



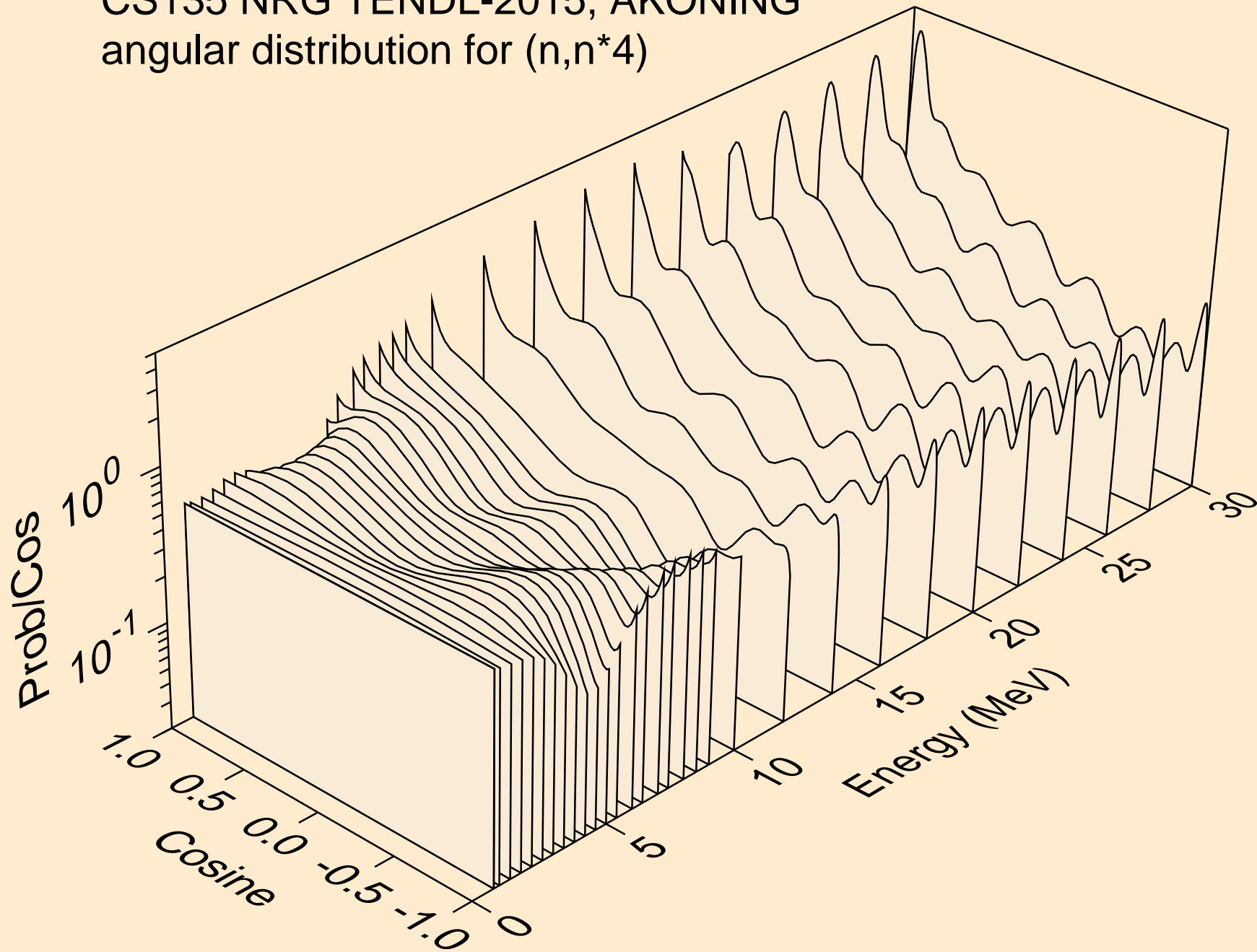
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



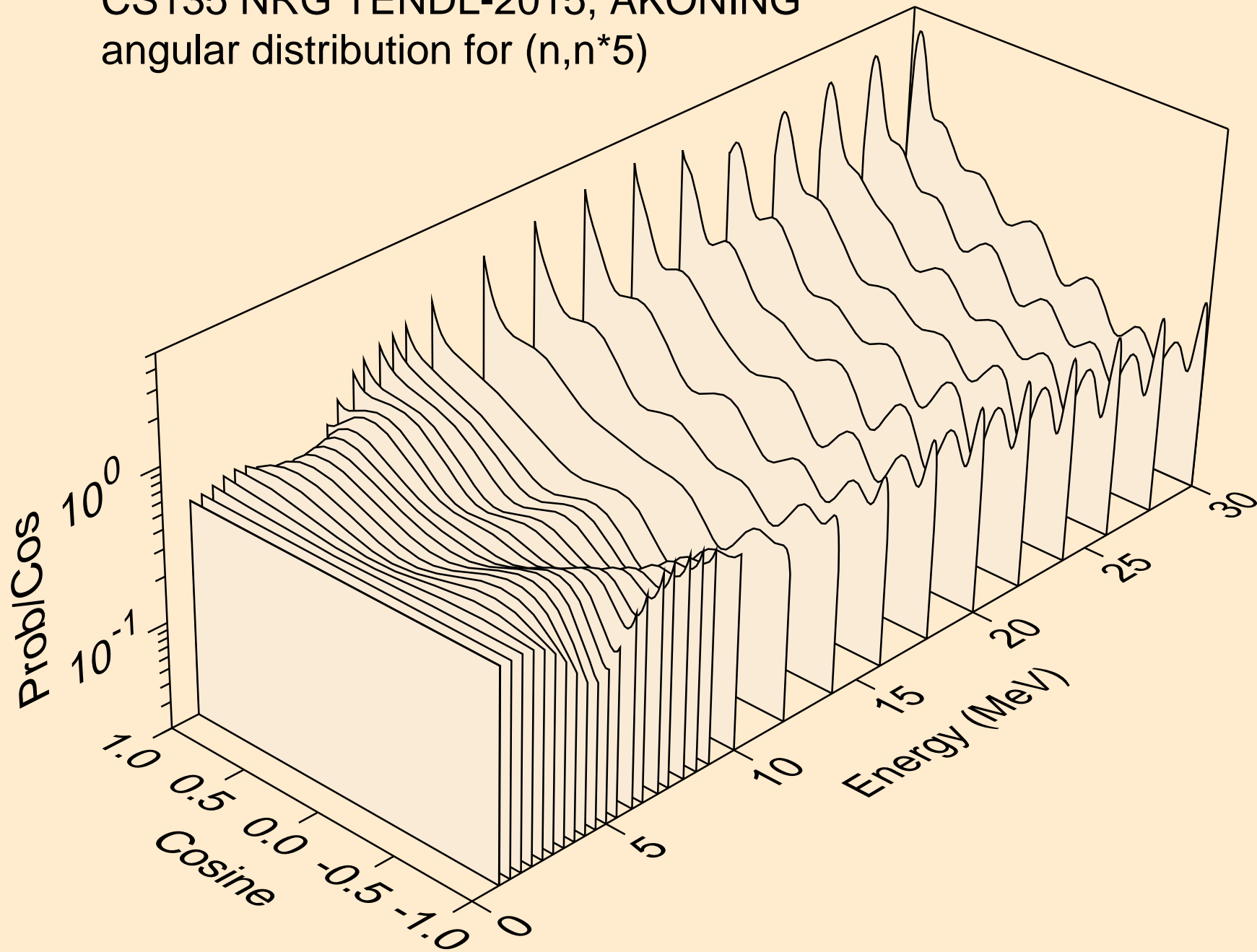
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



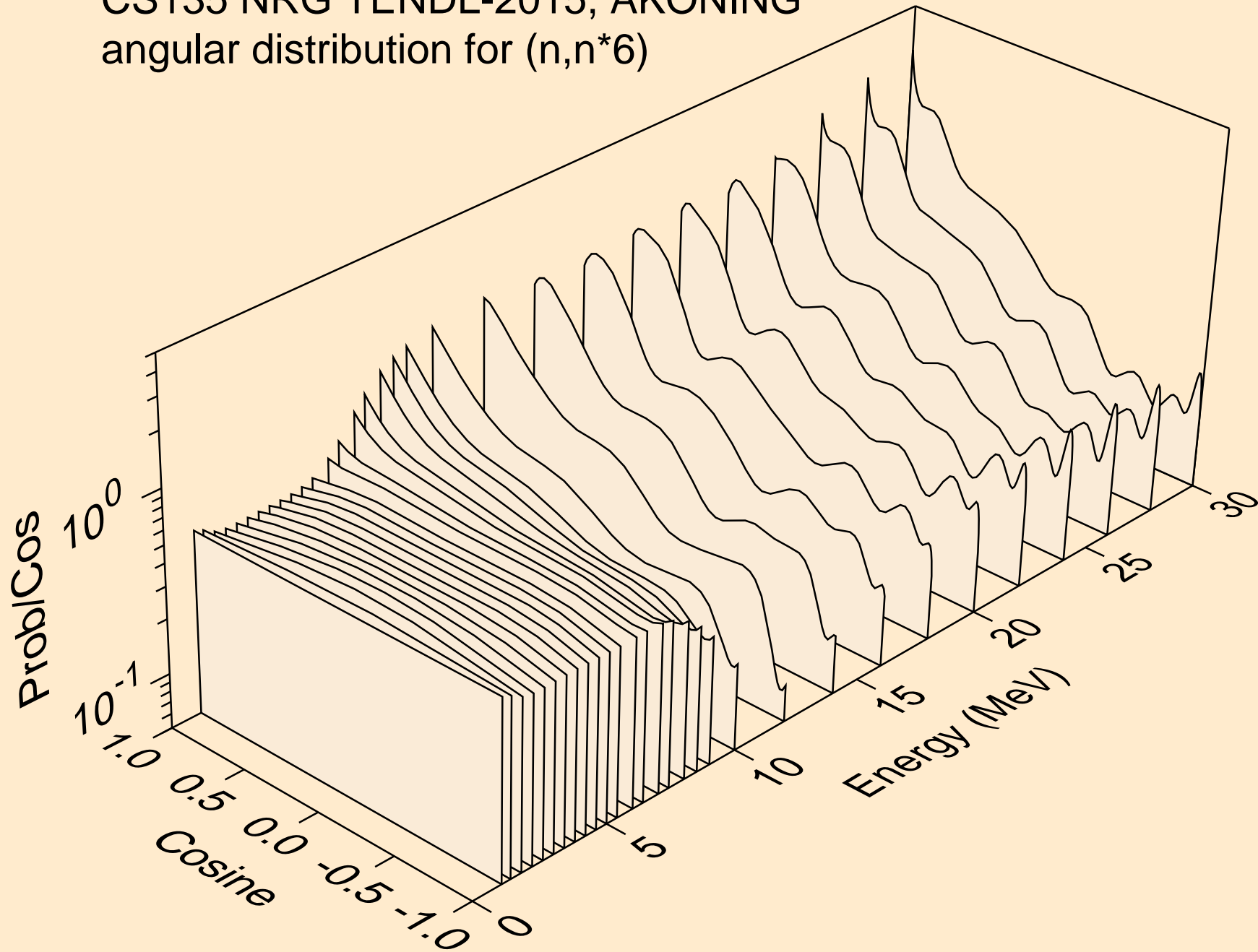
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



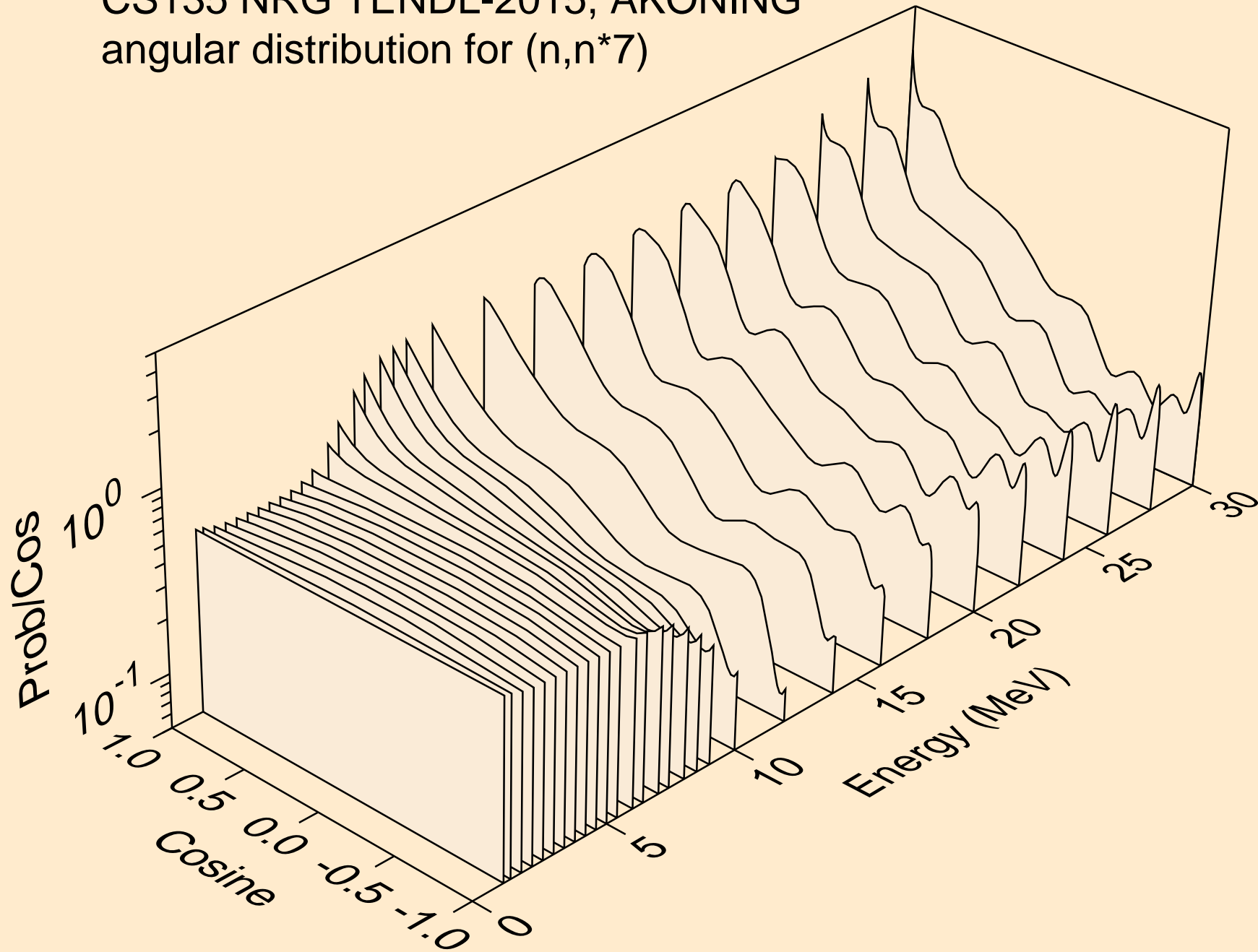
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



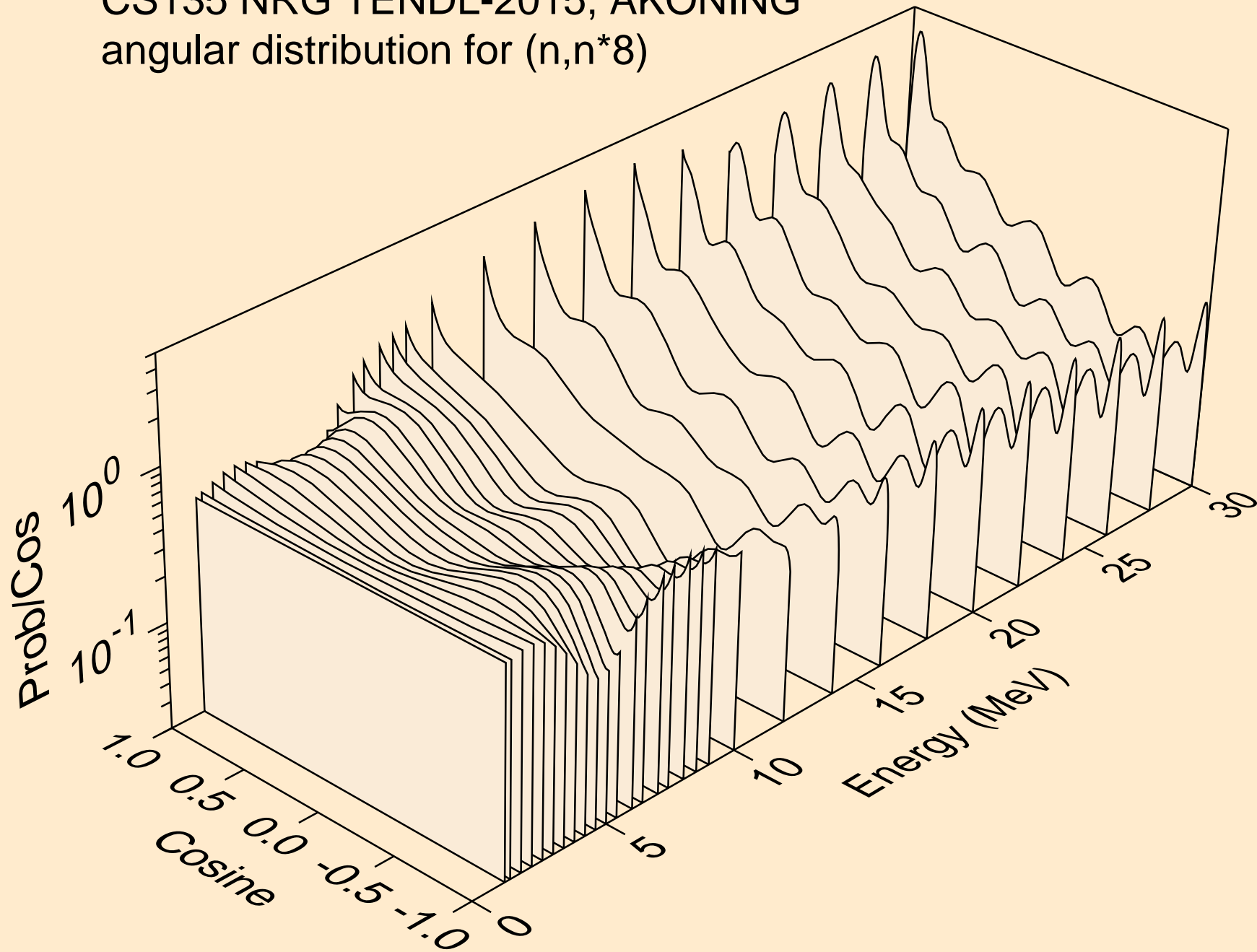
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

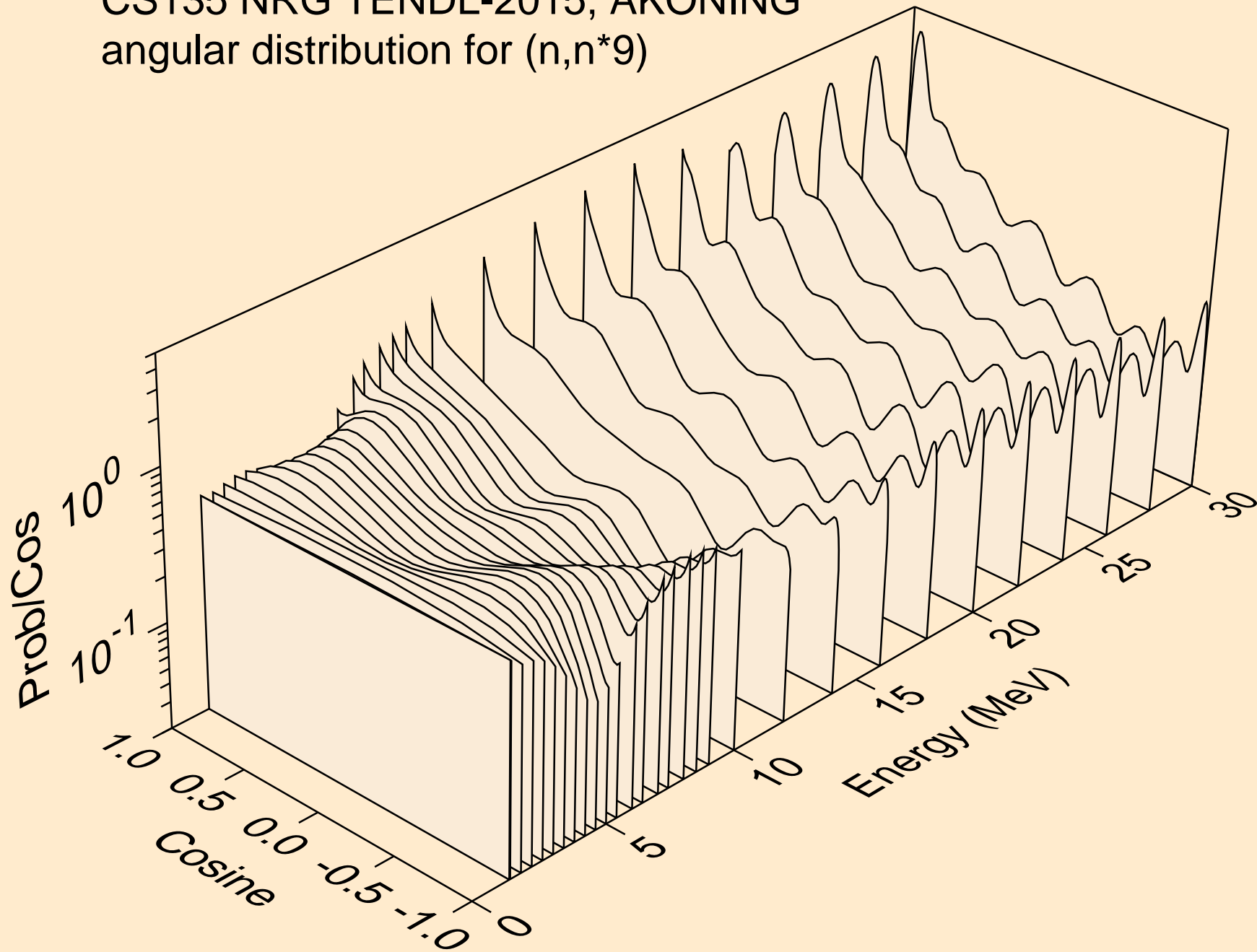


CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

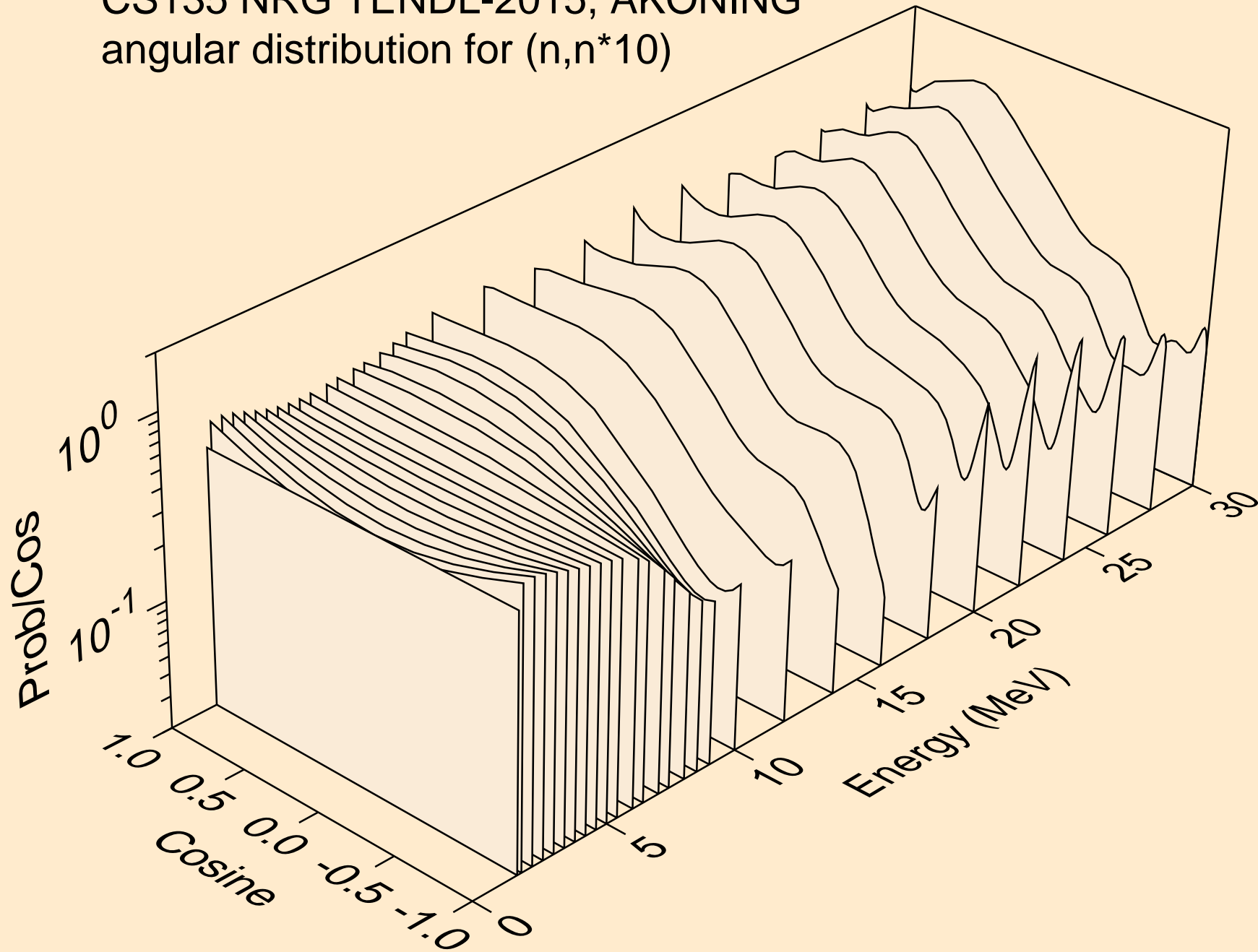




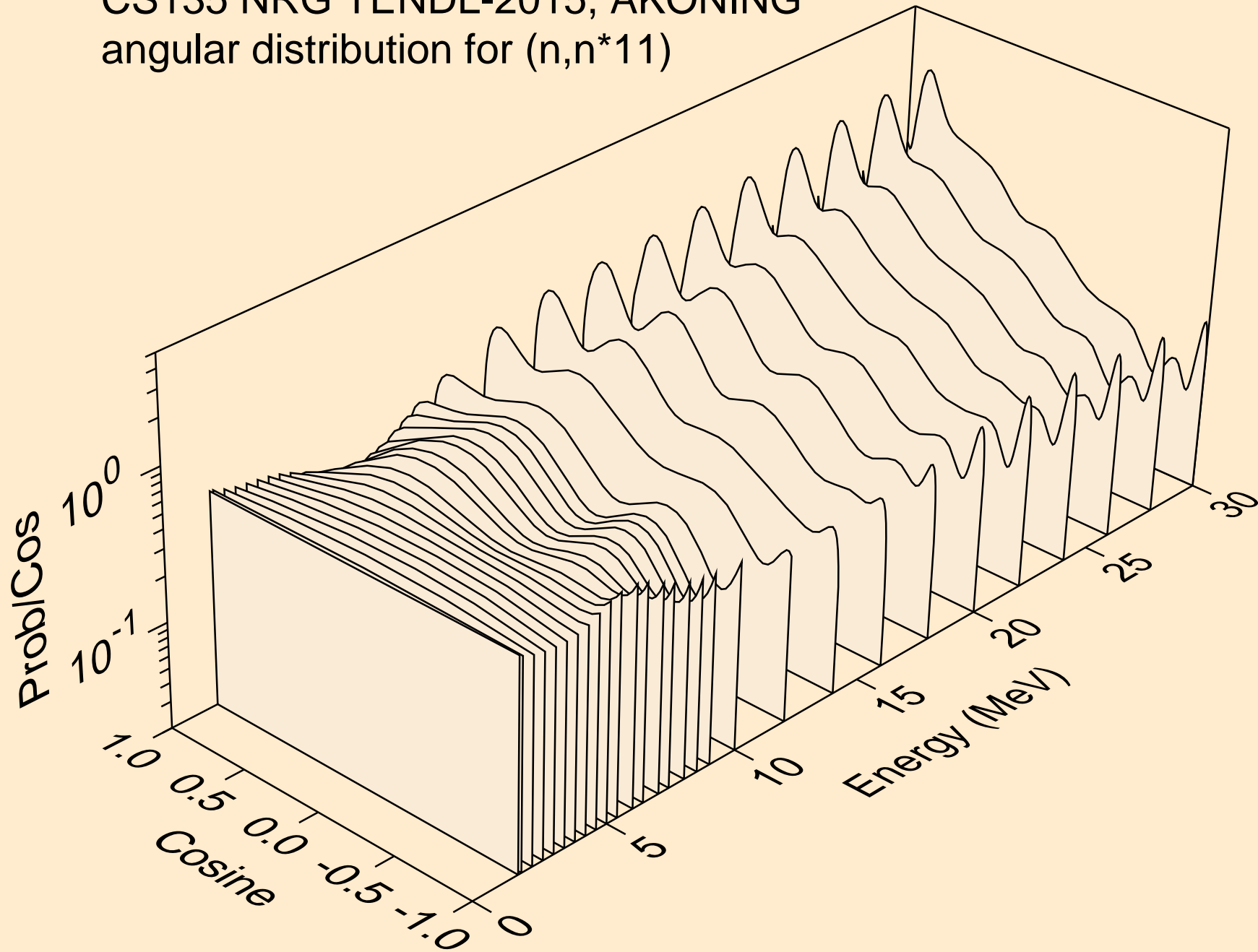
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



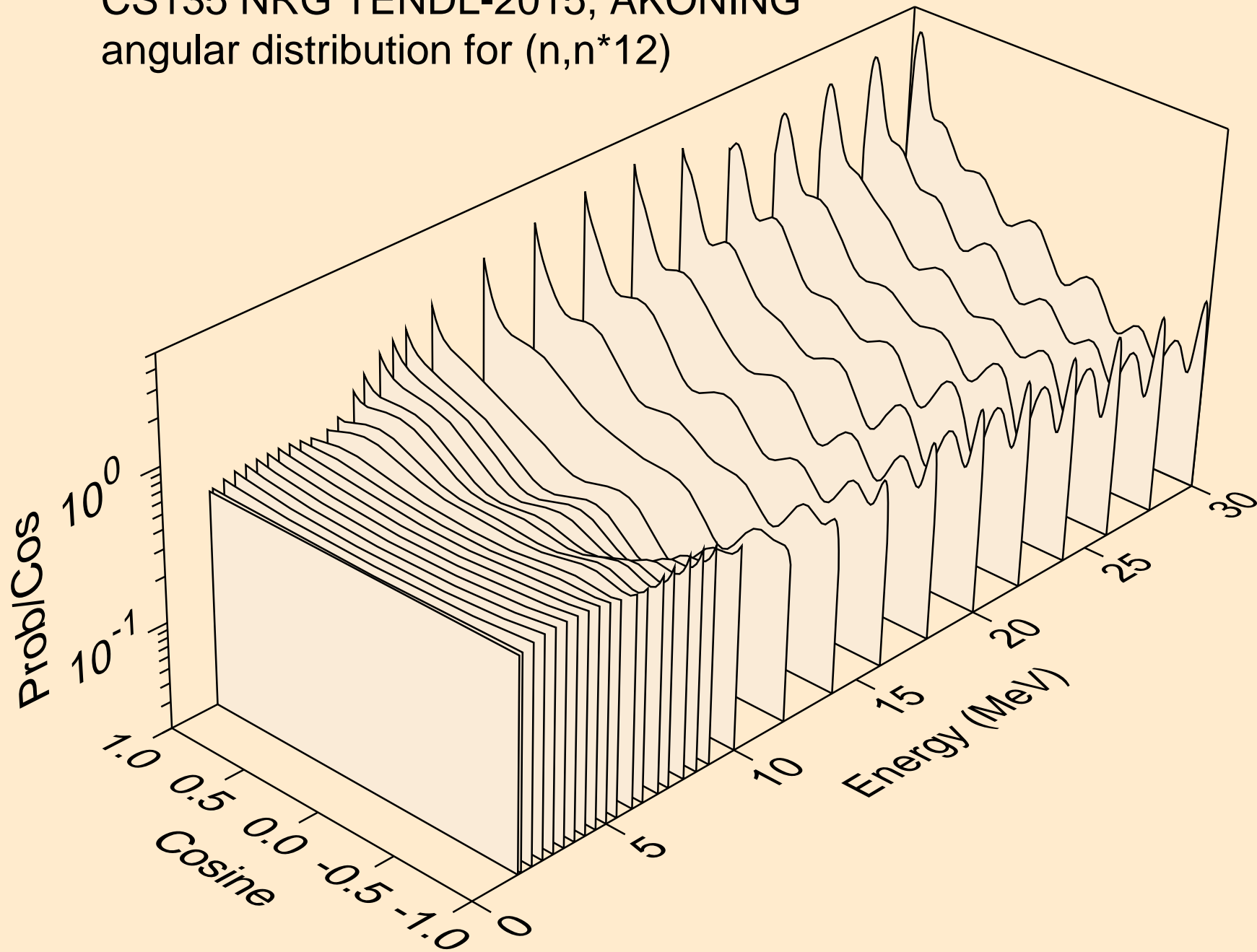
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



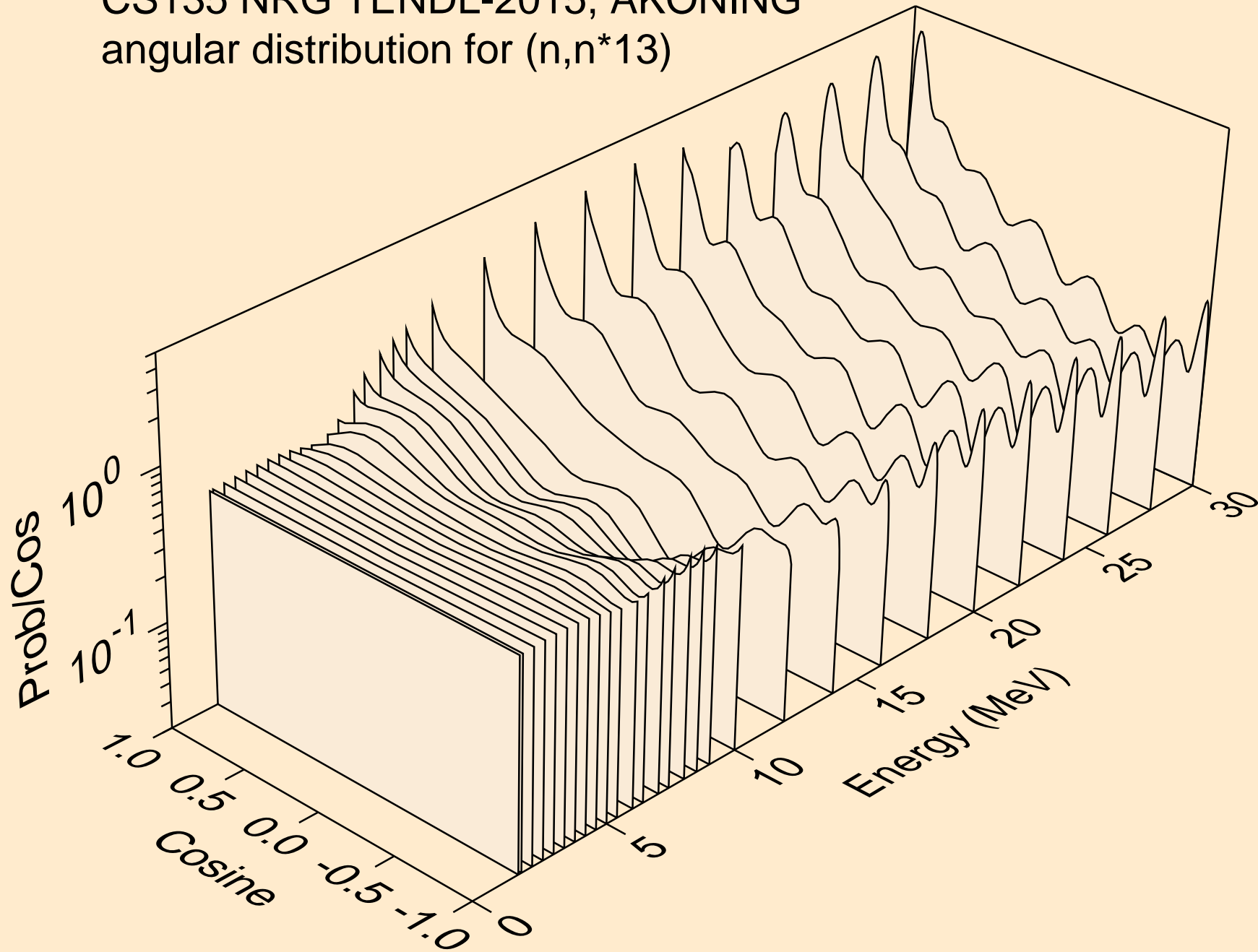
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



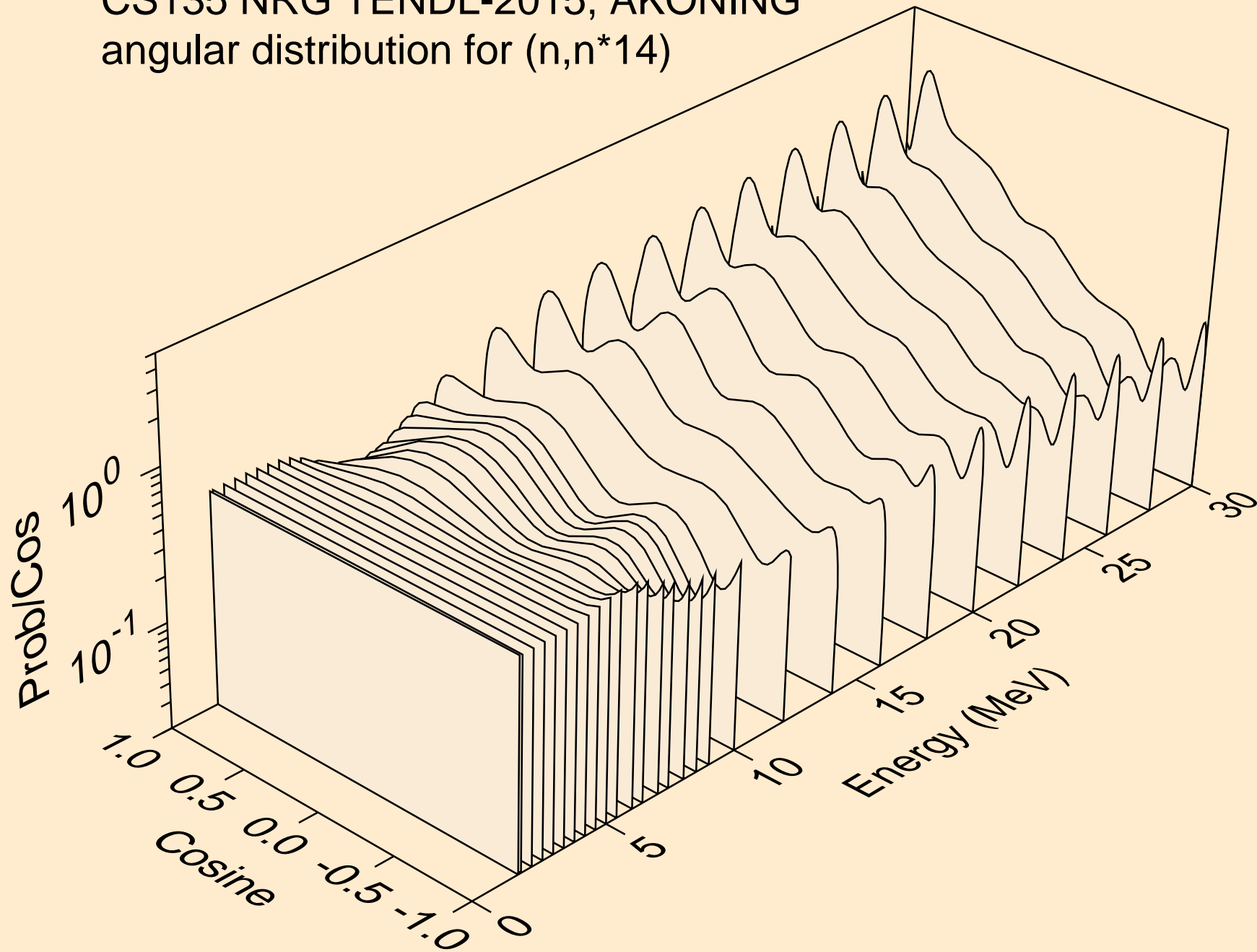
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



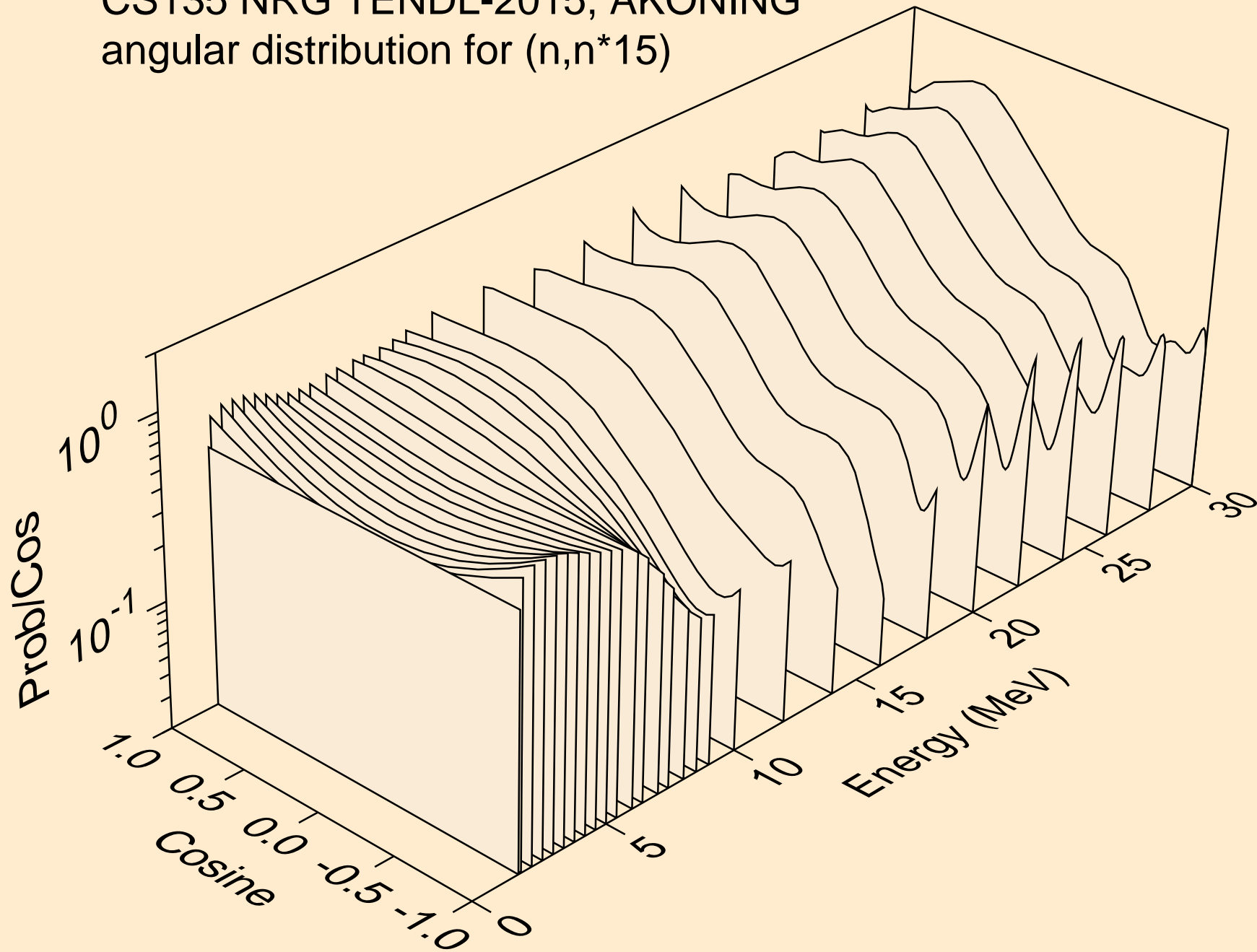
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



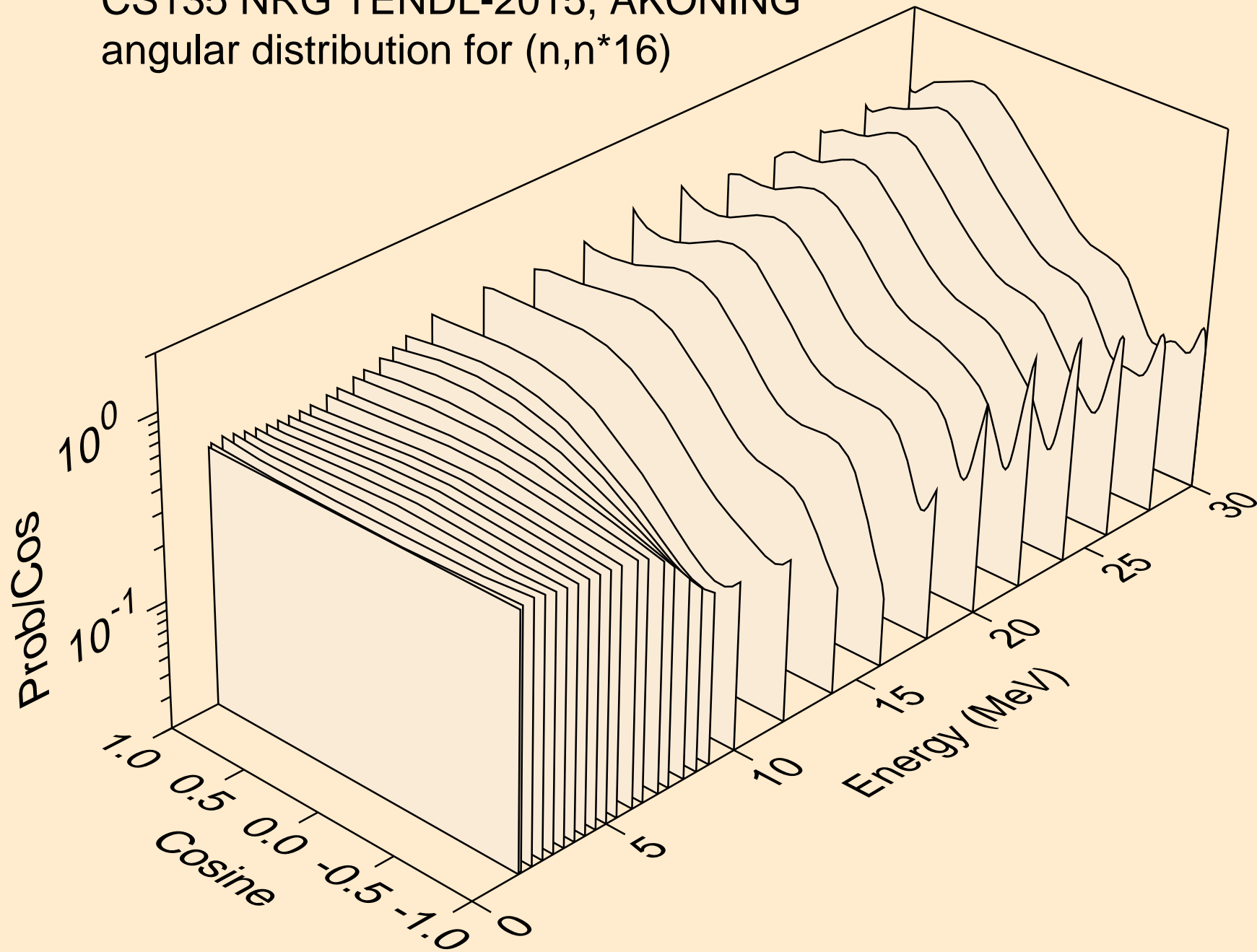
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

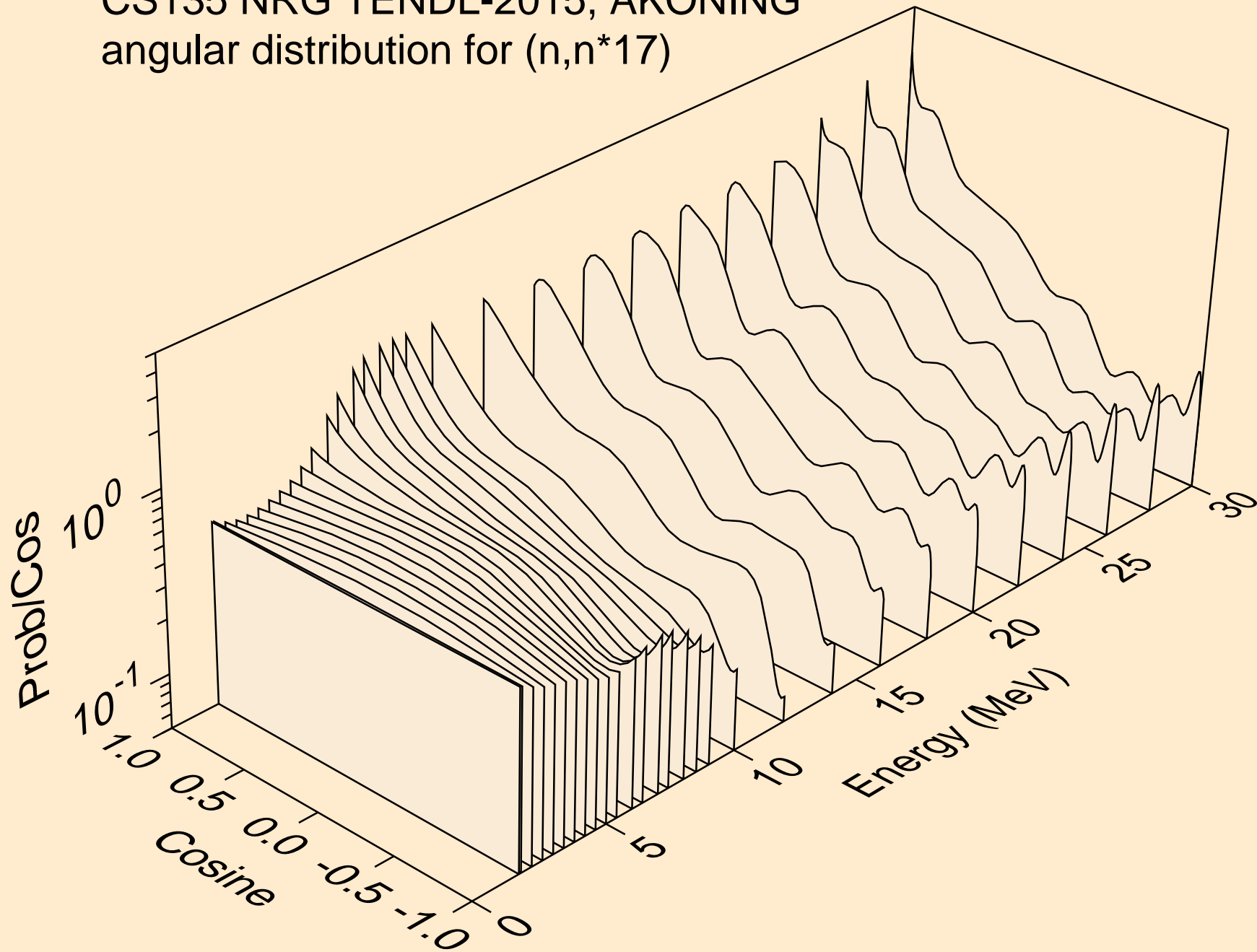


CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

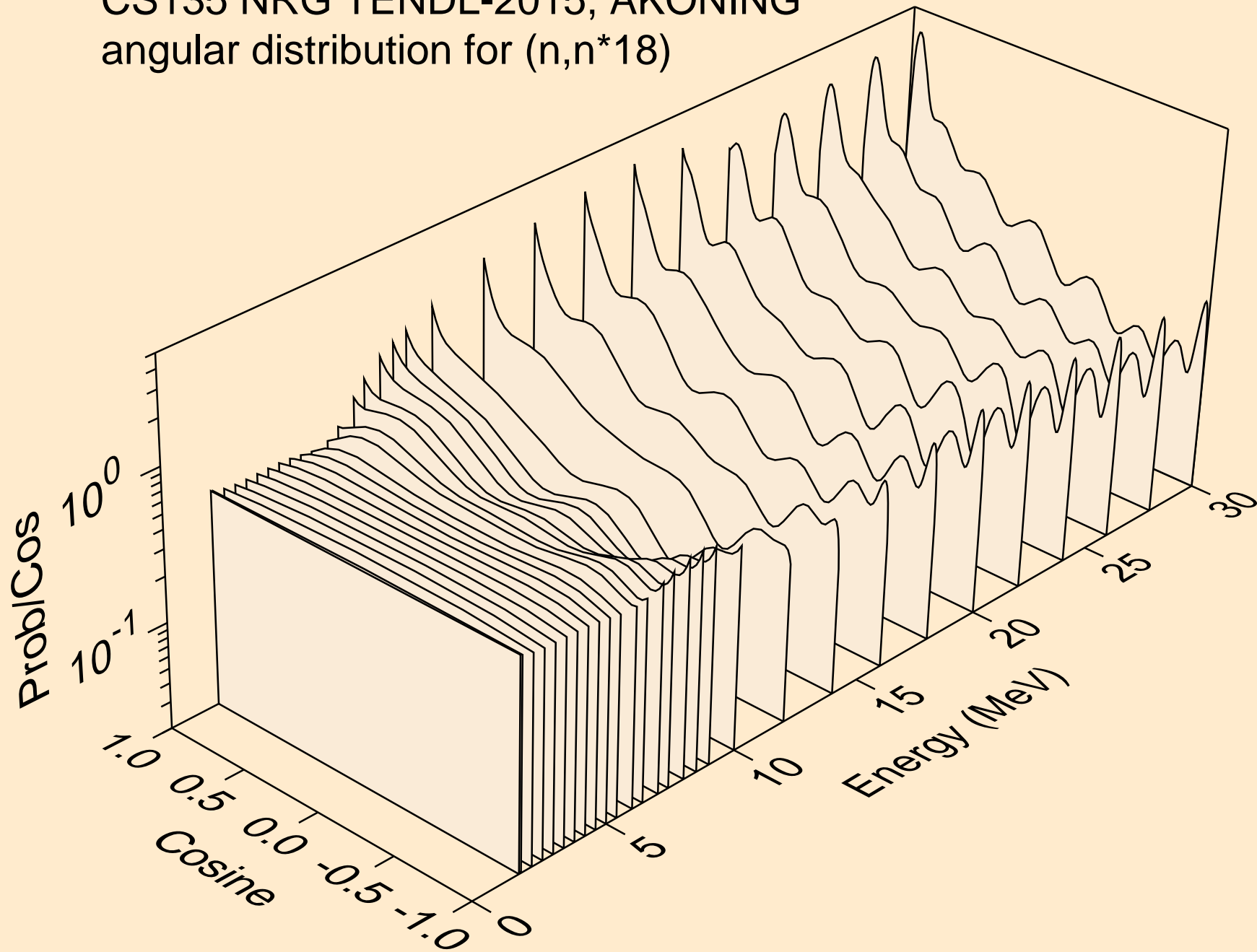




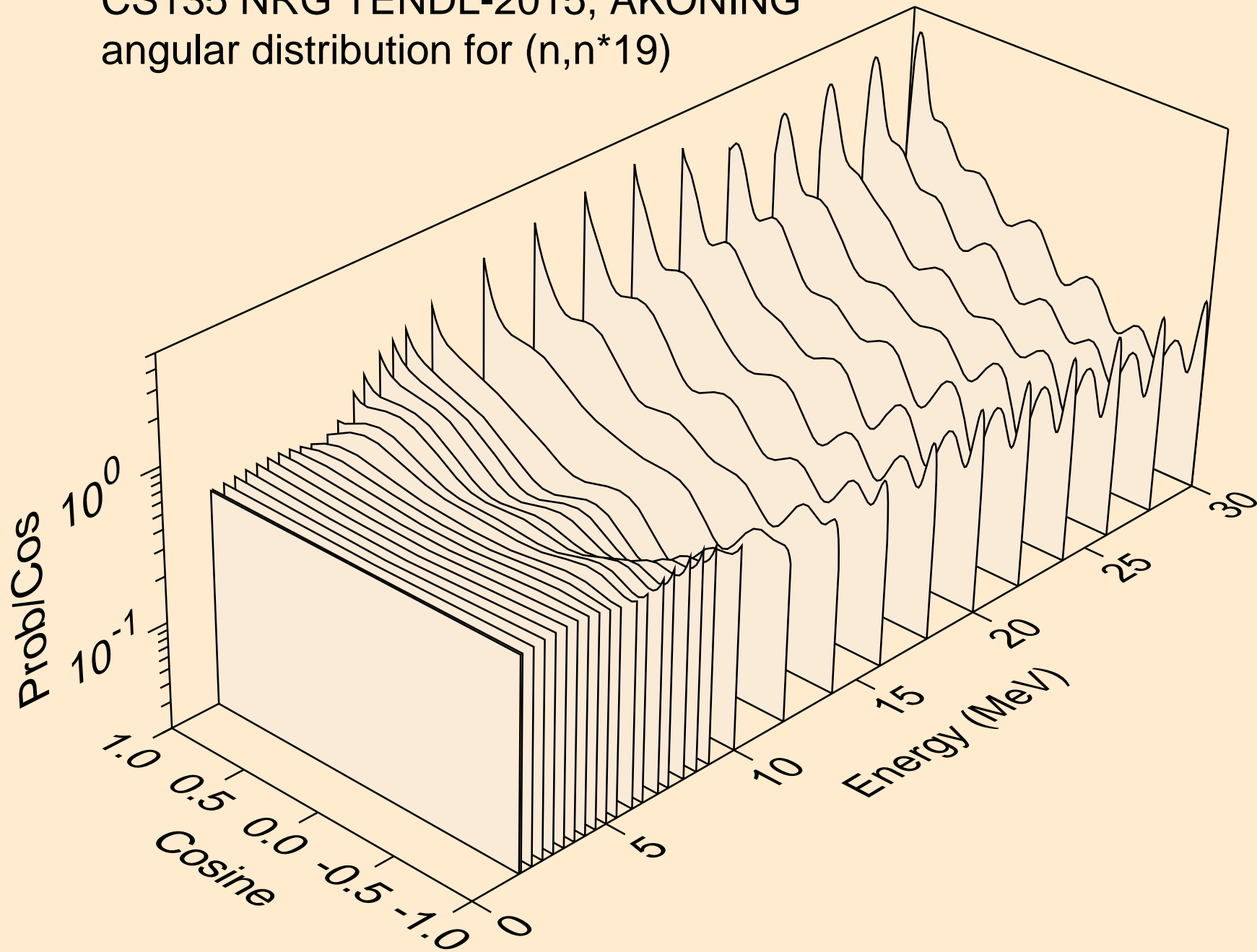
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



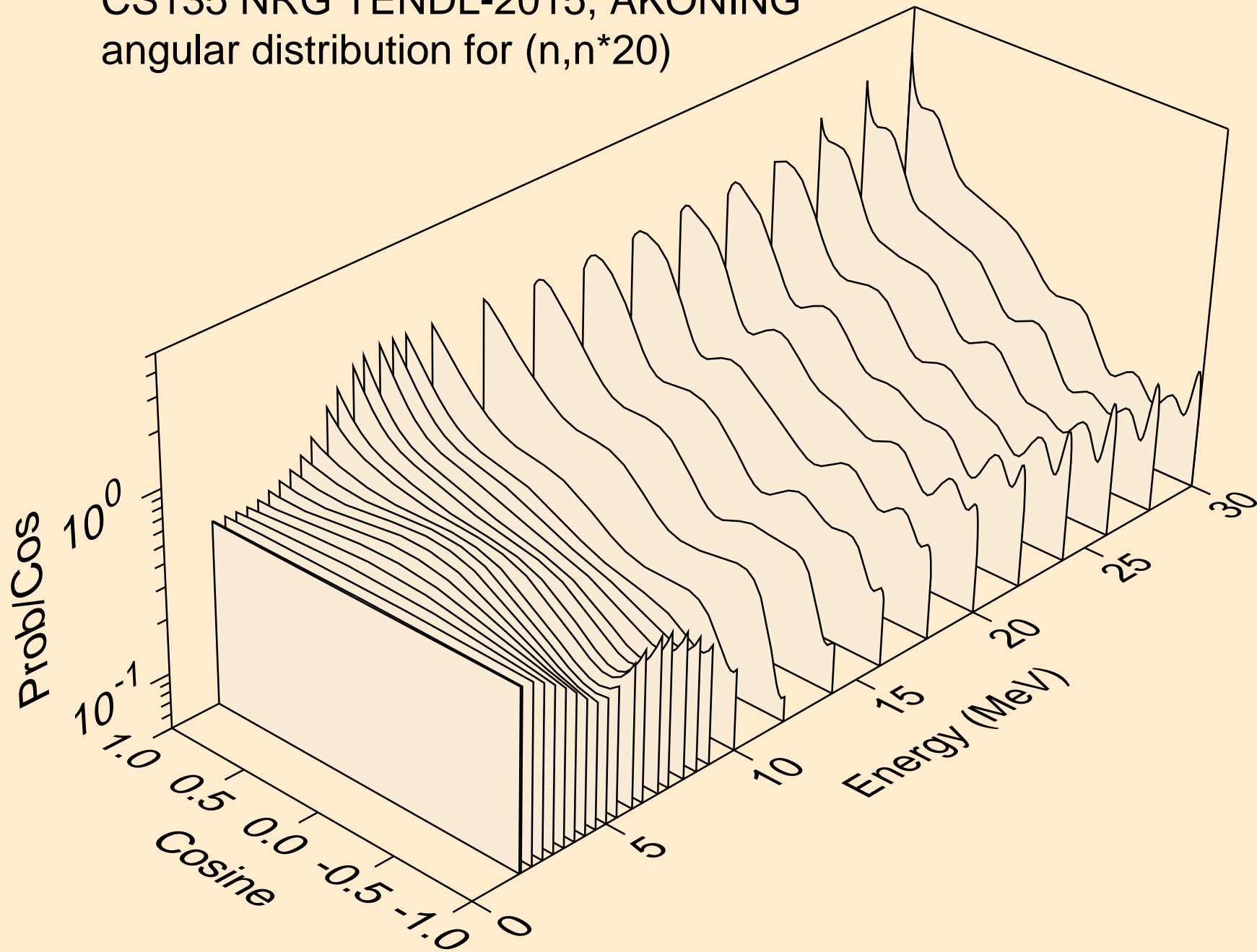
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



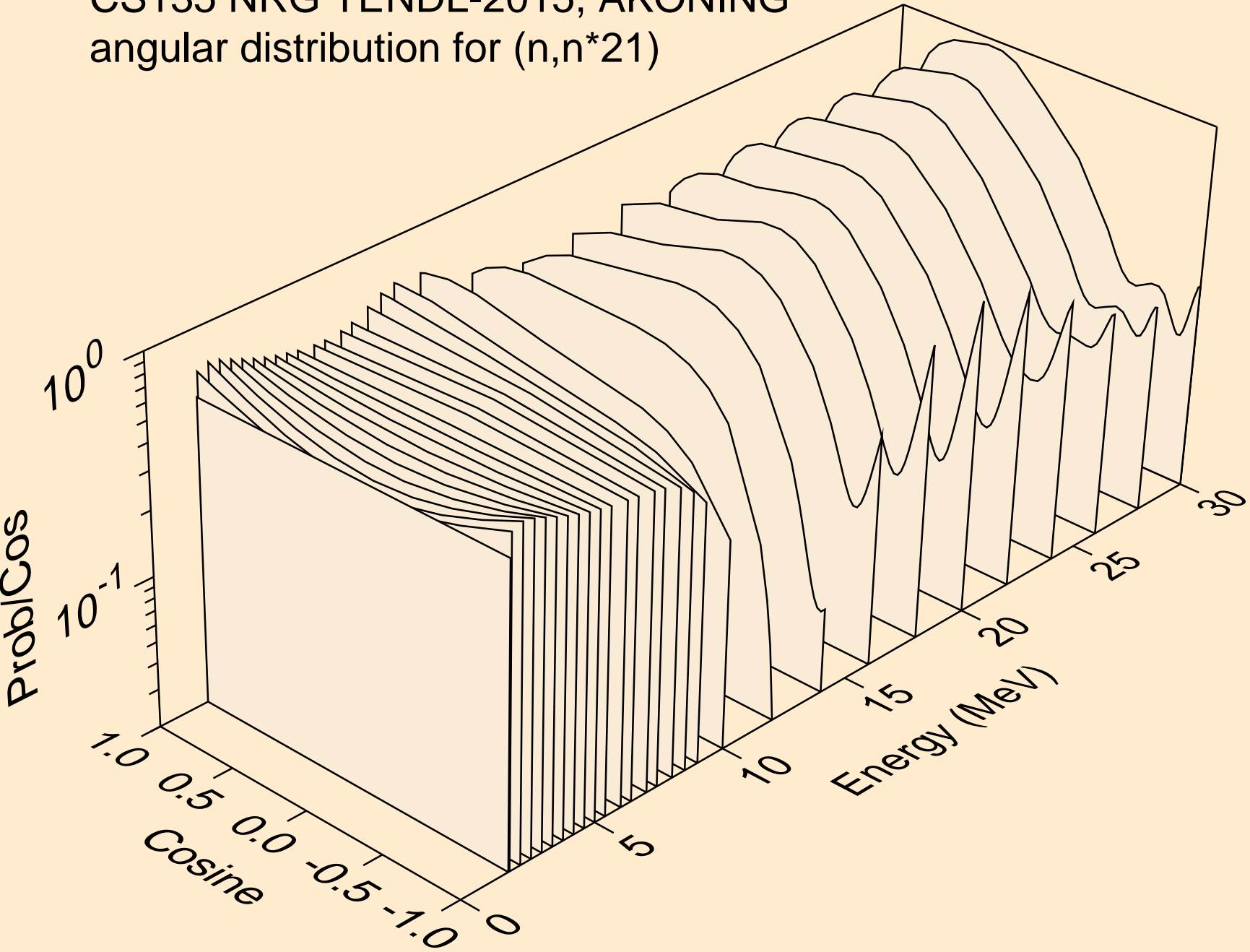
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



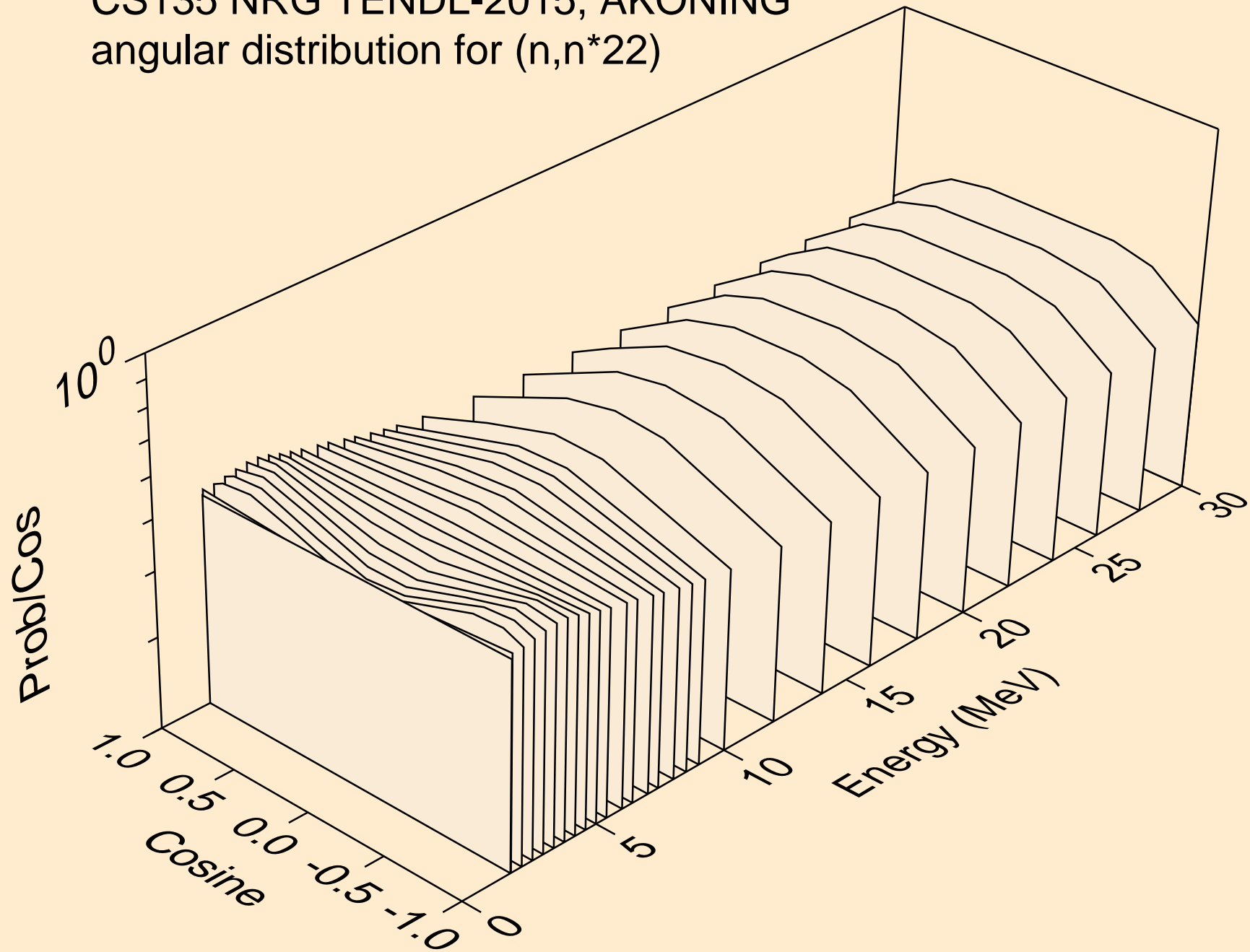
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



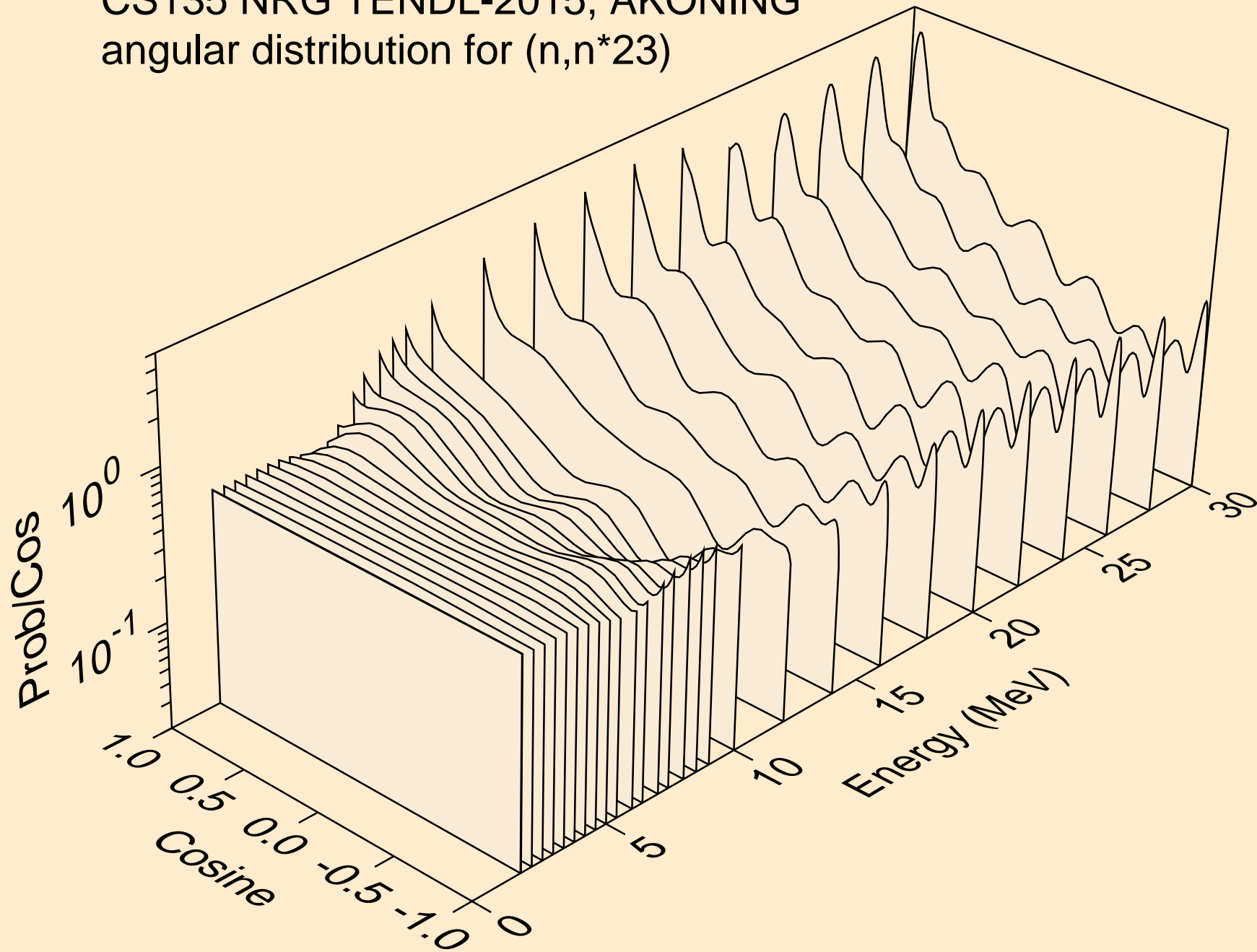
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



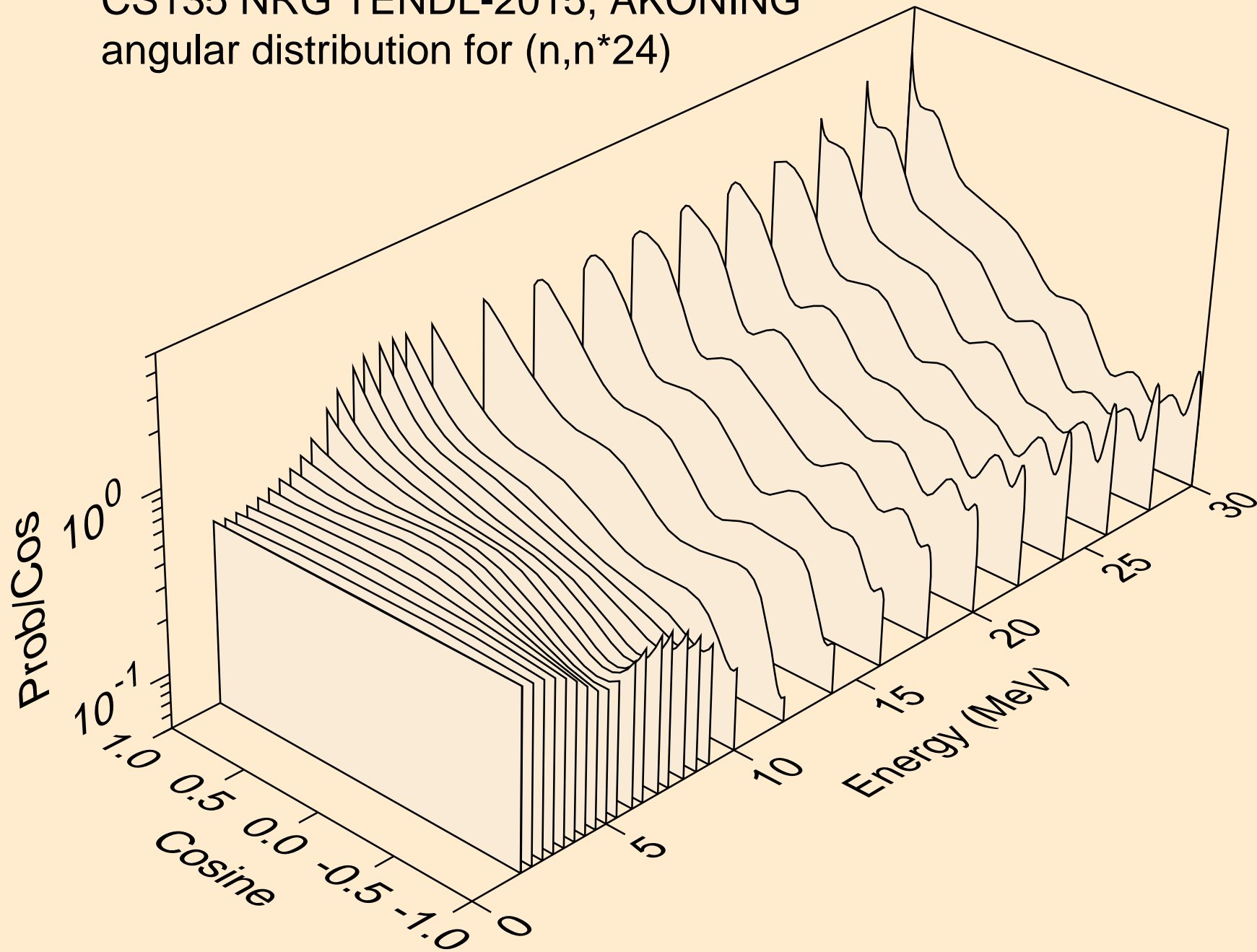
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

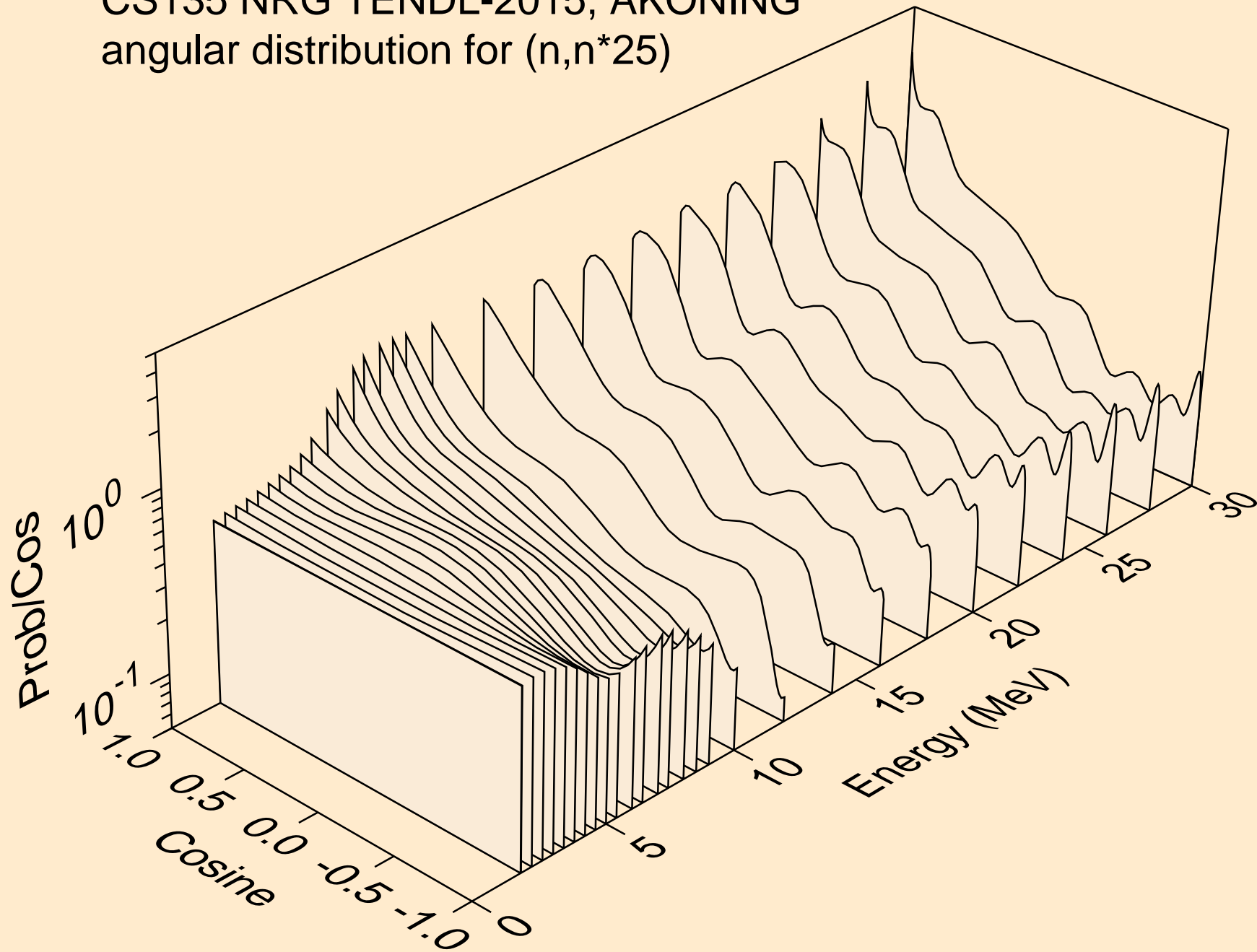


CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

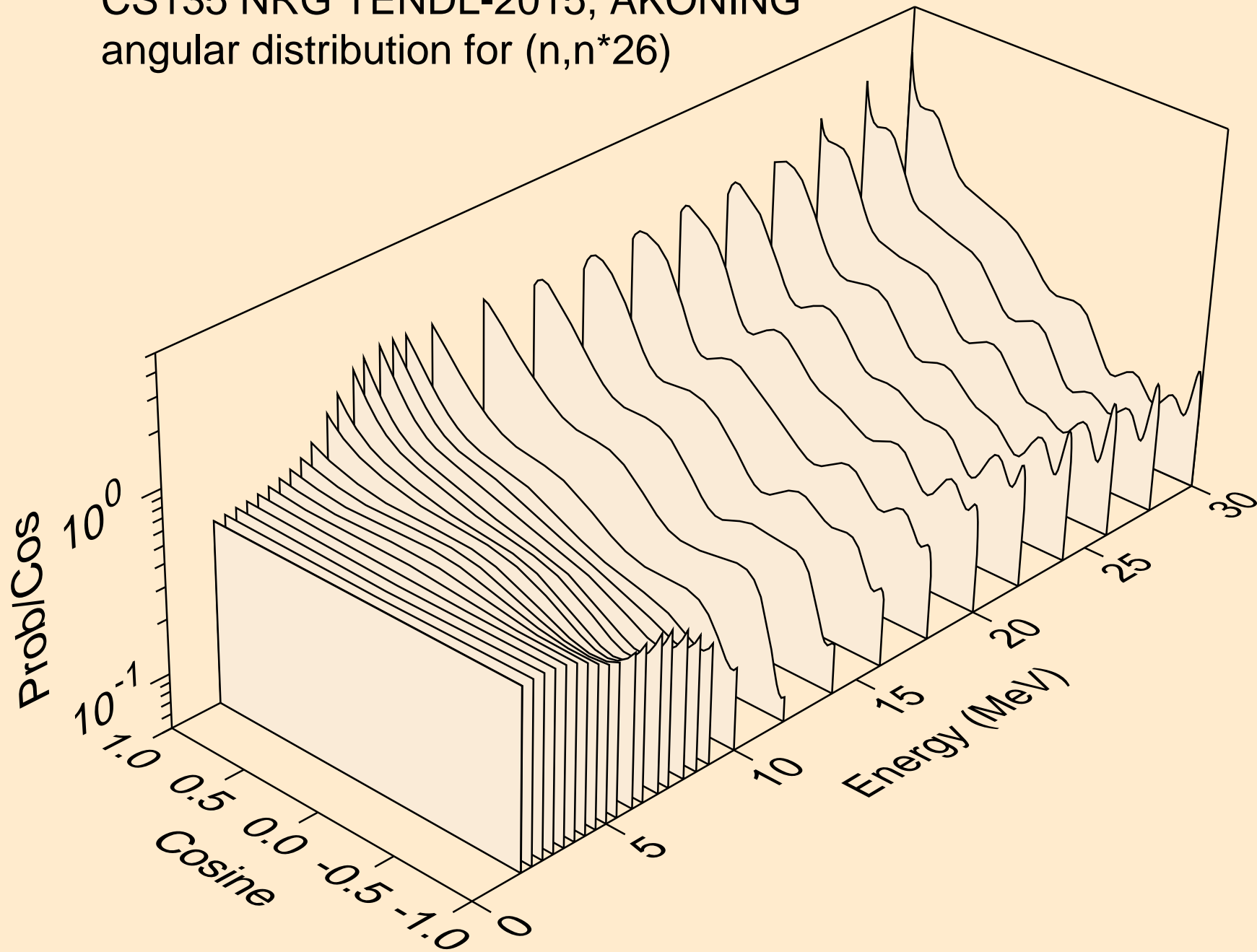




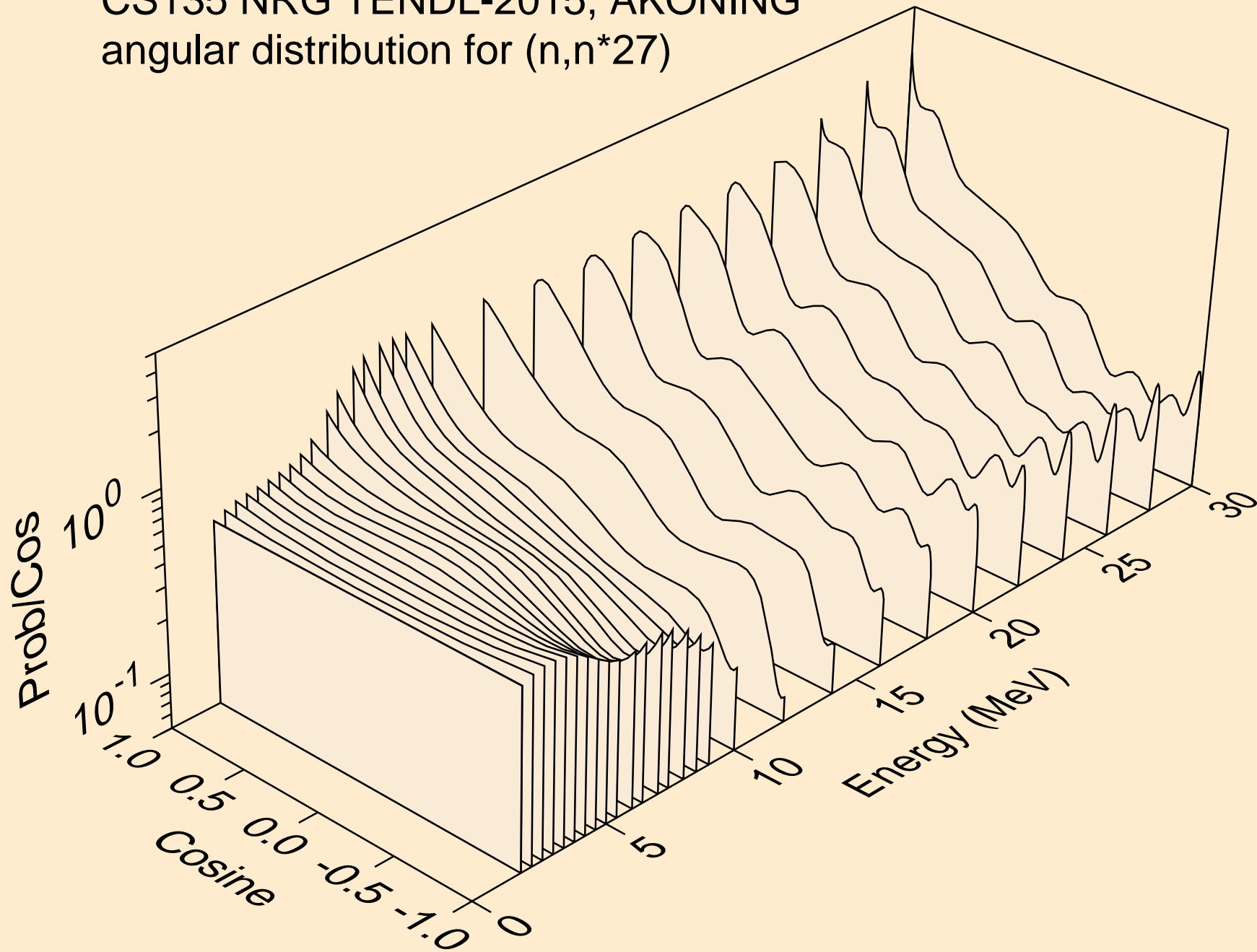
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



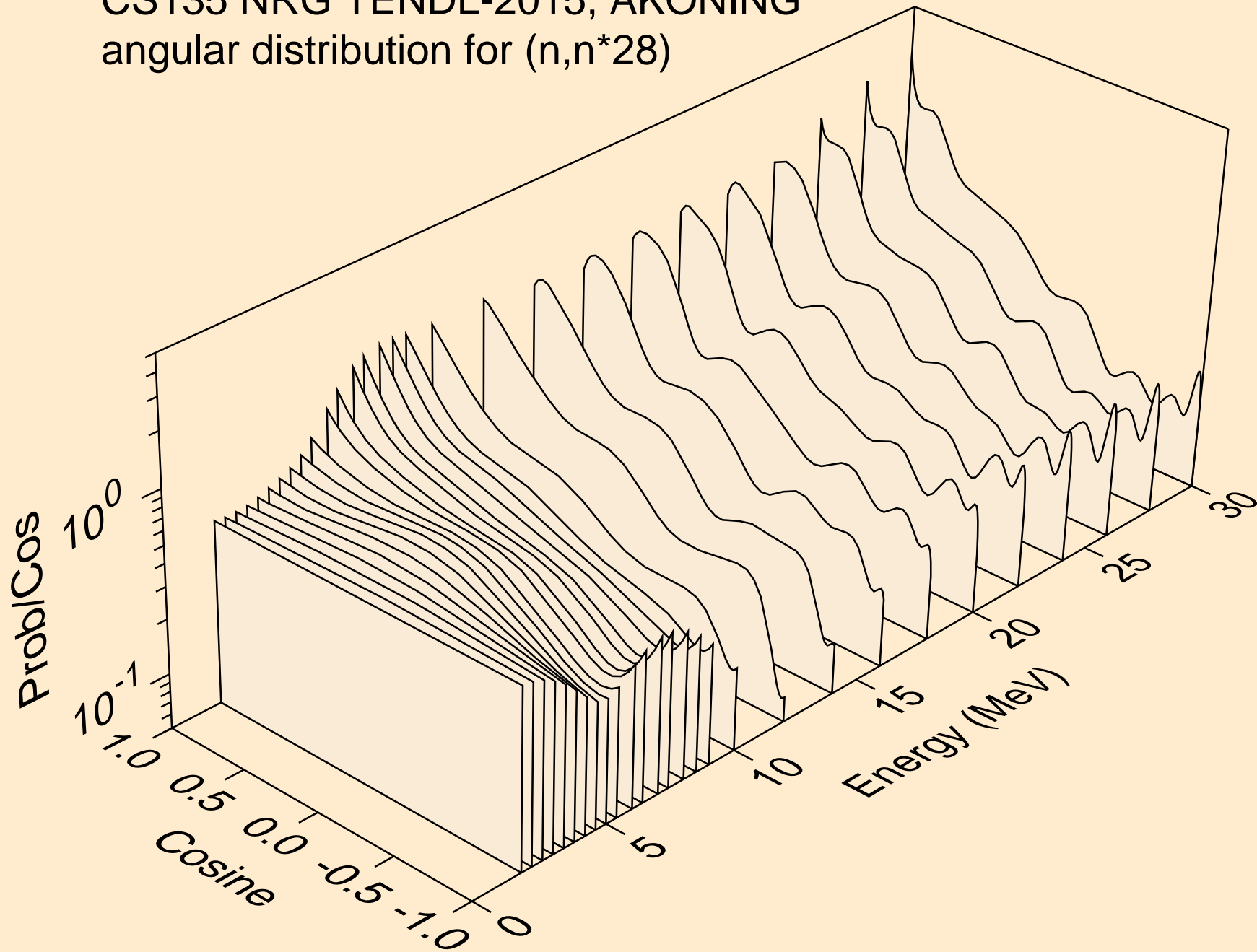
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



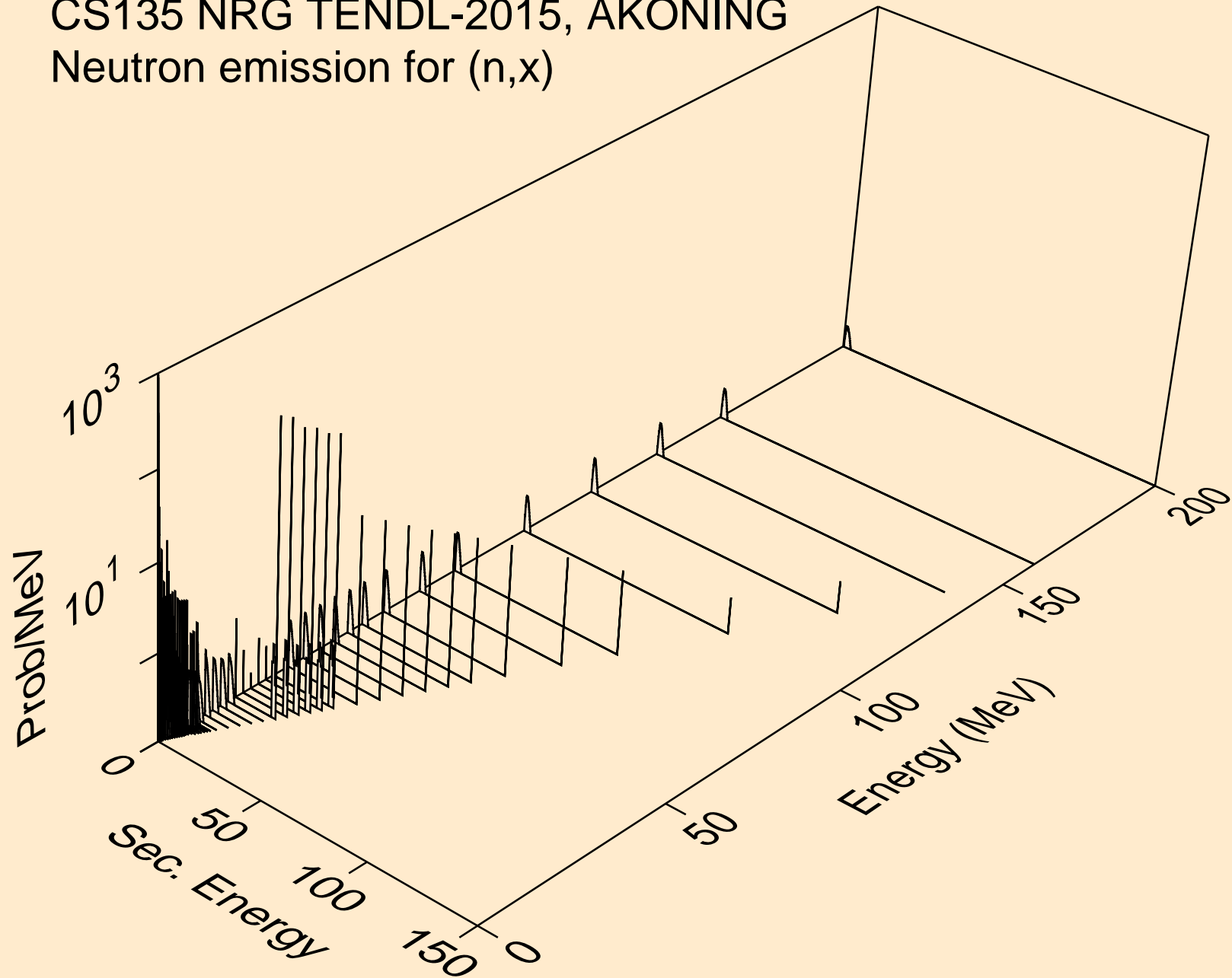
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



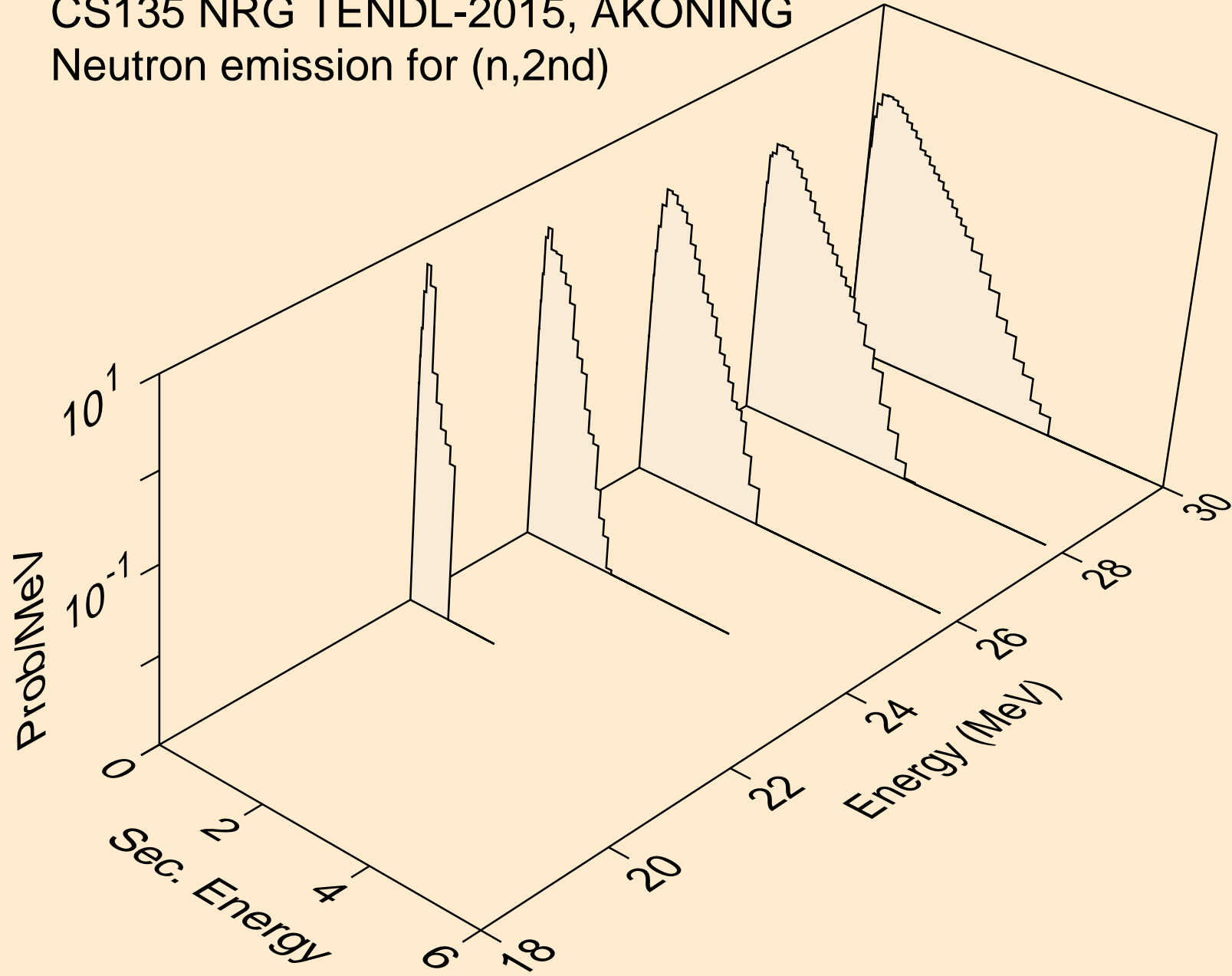
CS135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



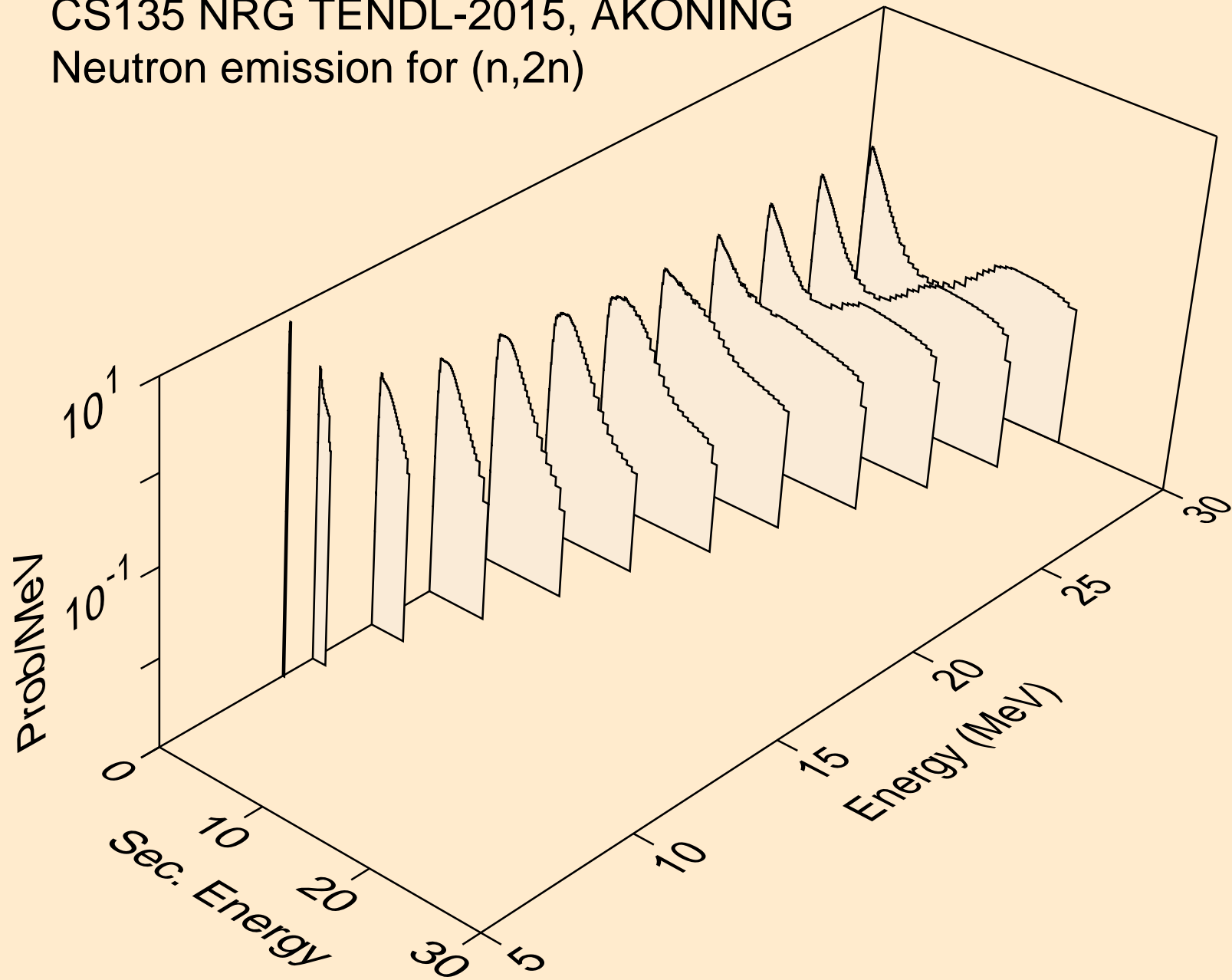
CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



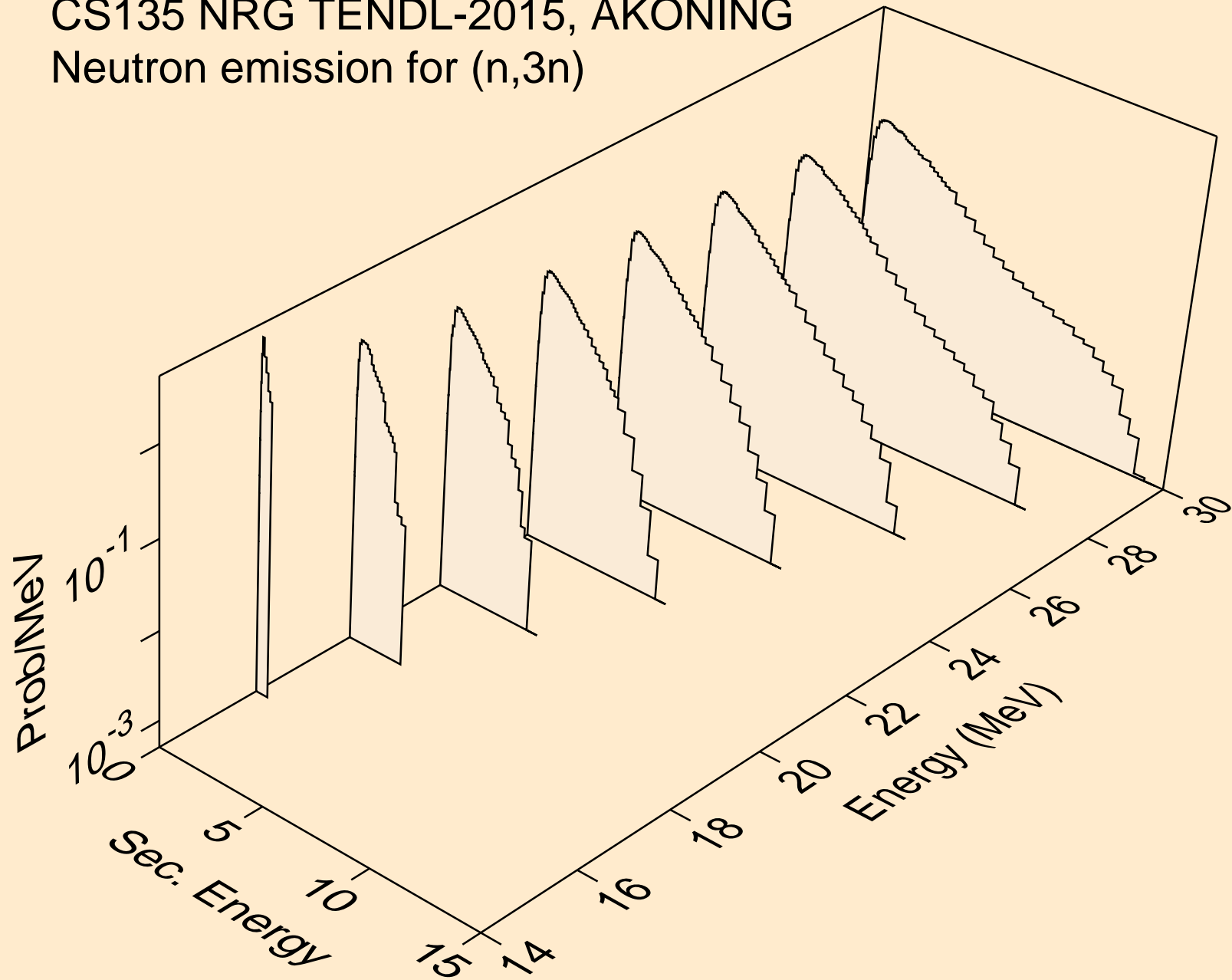
CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

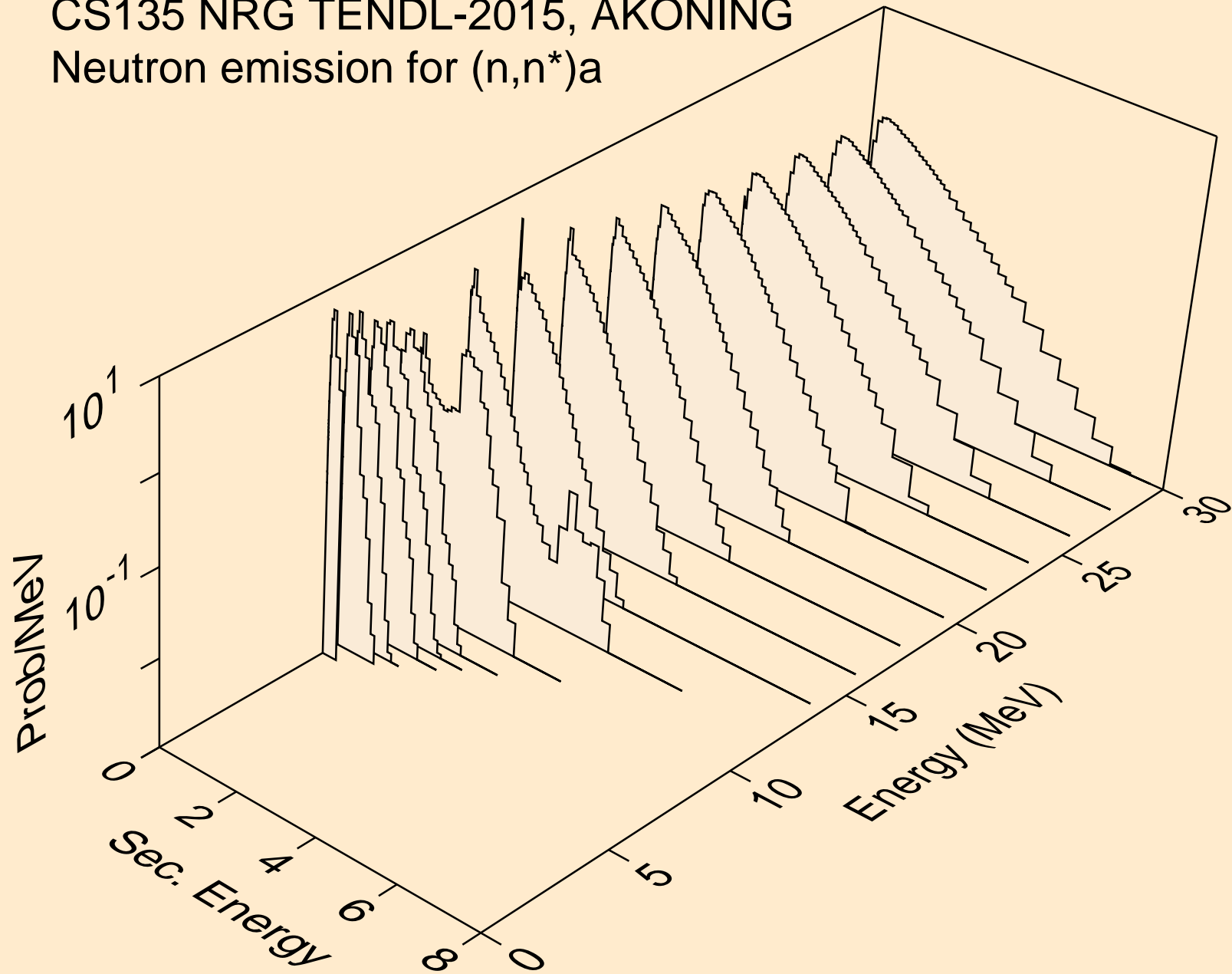


CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

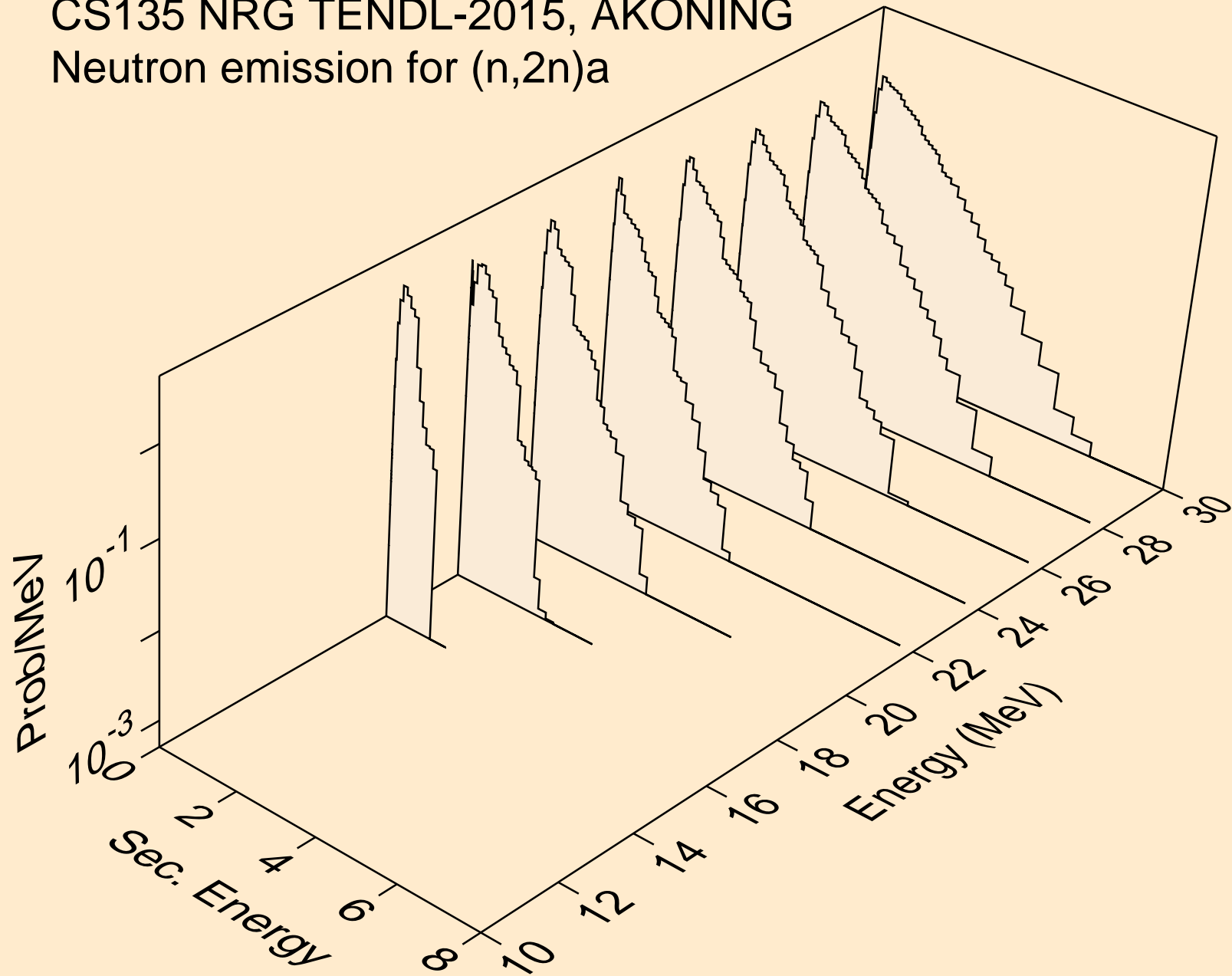




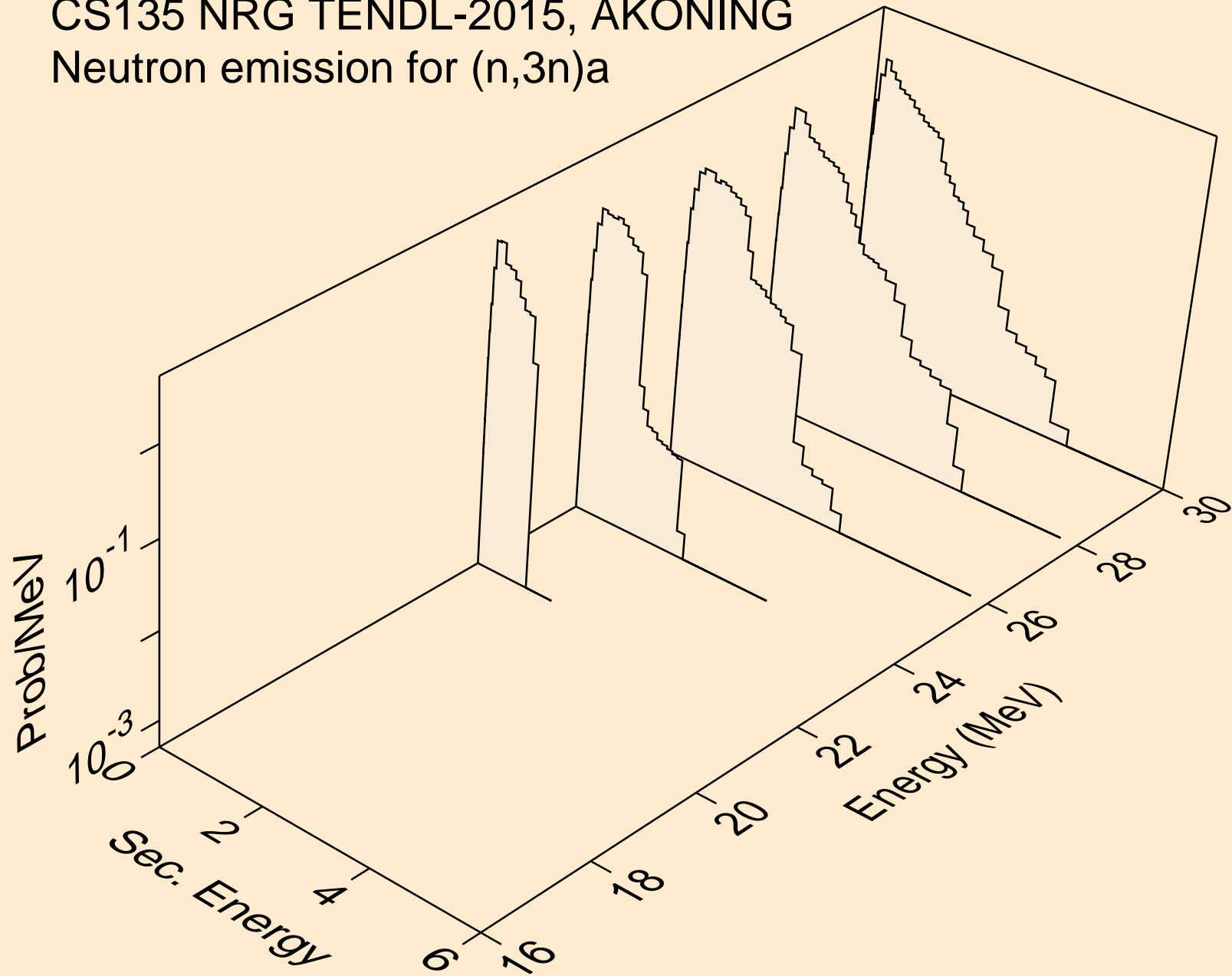
CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



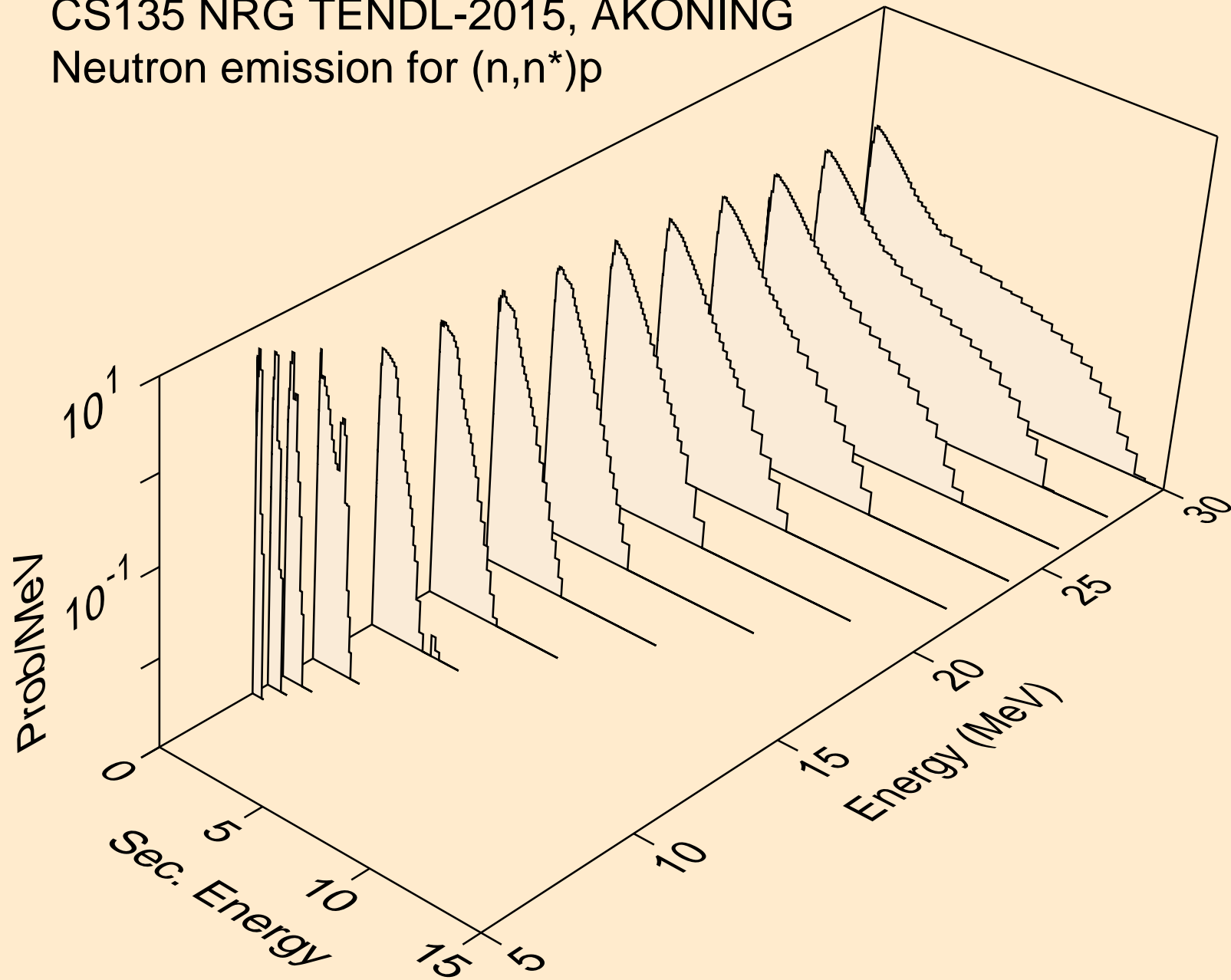
CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



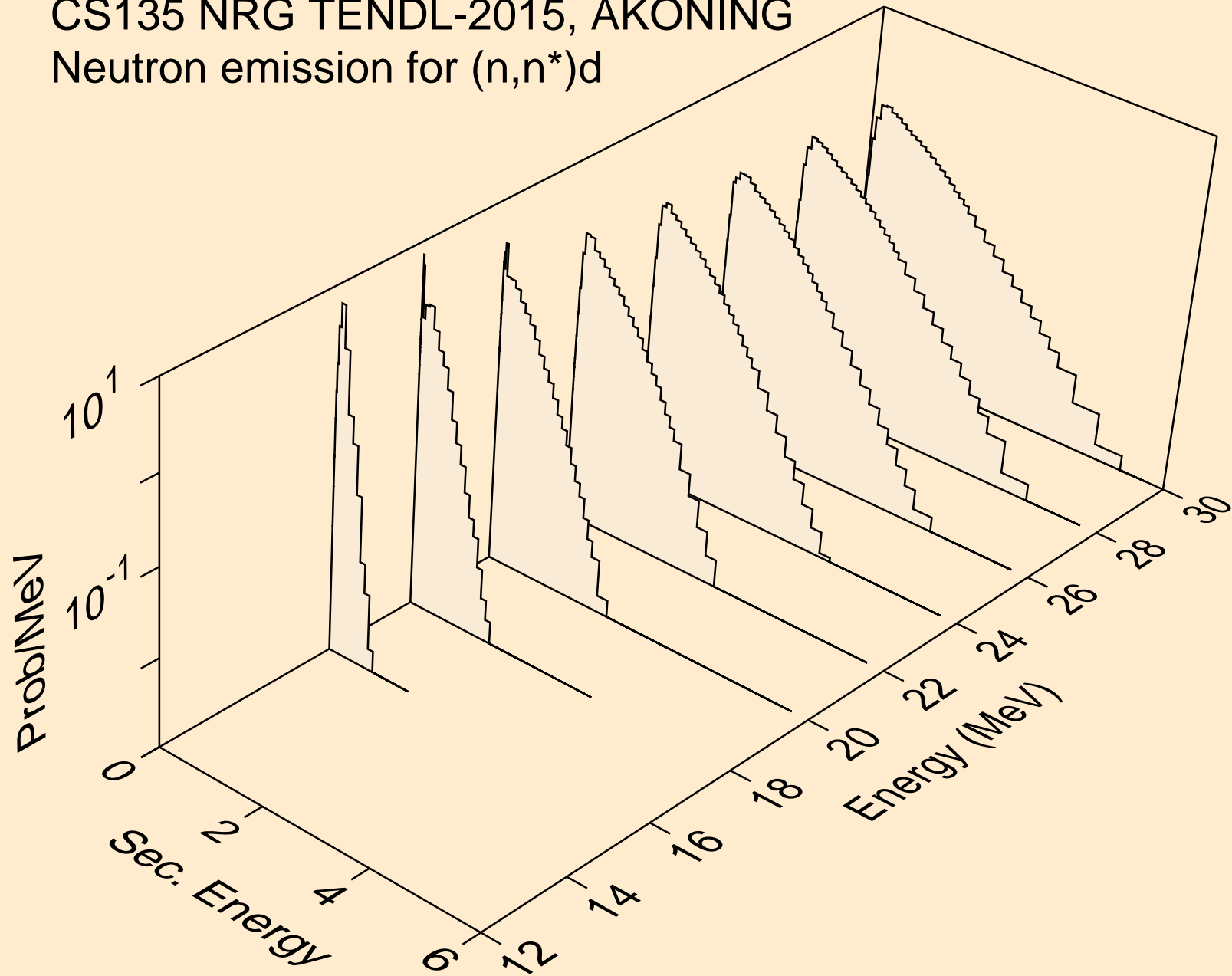
CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



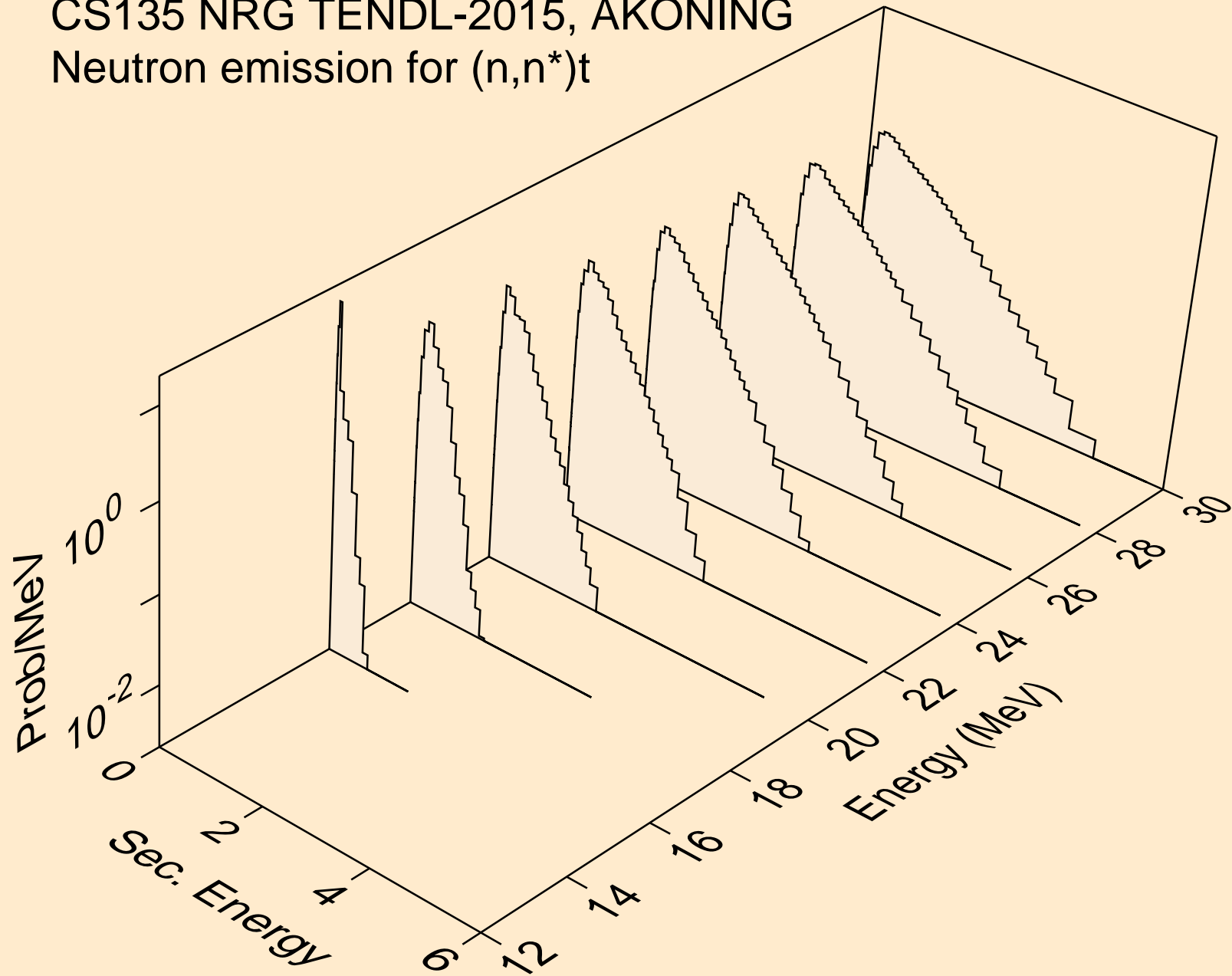
CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



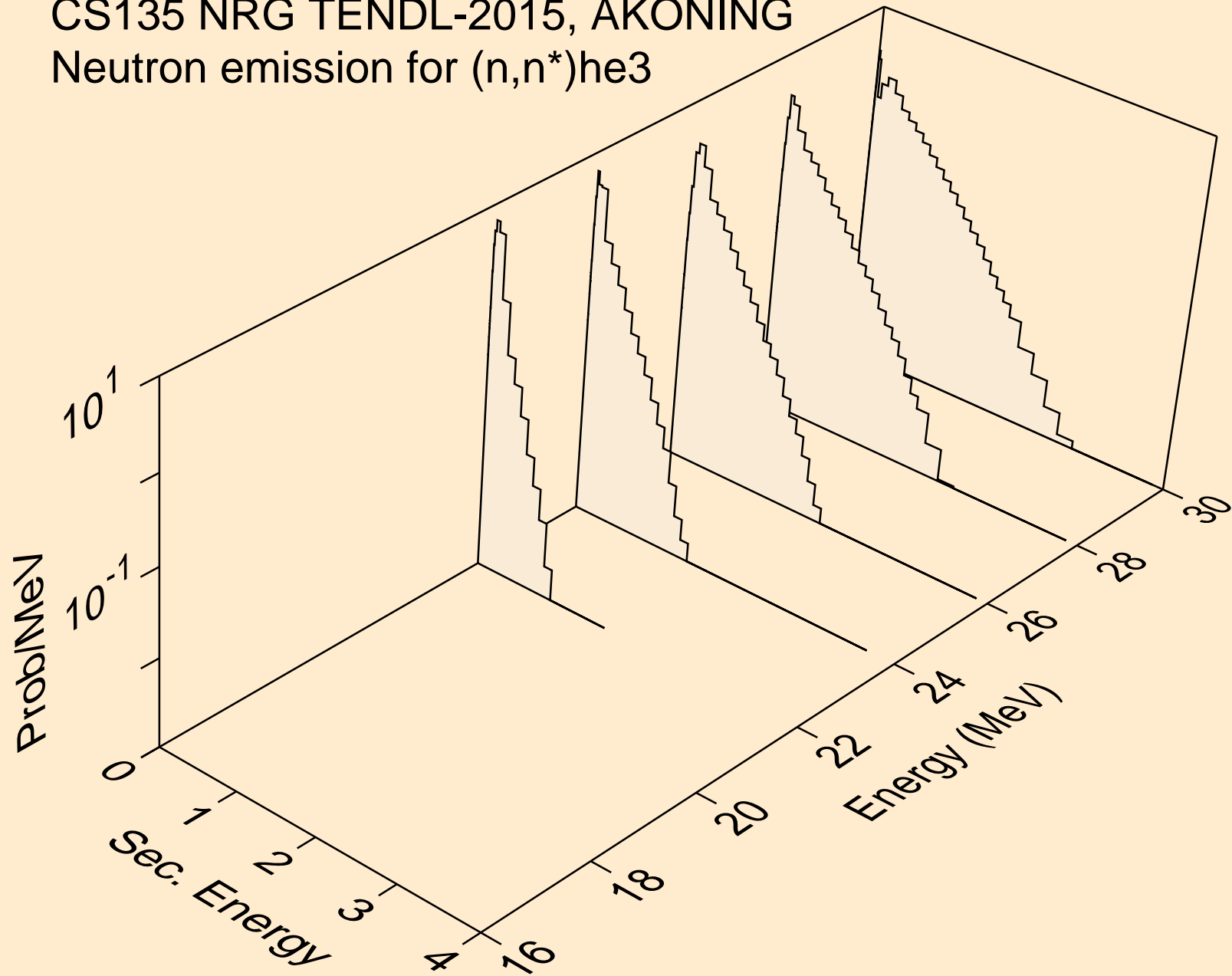
CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



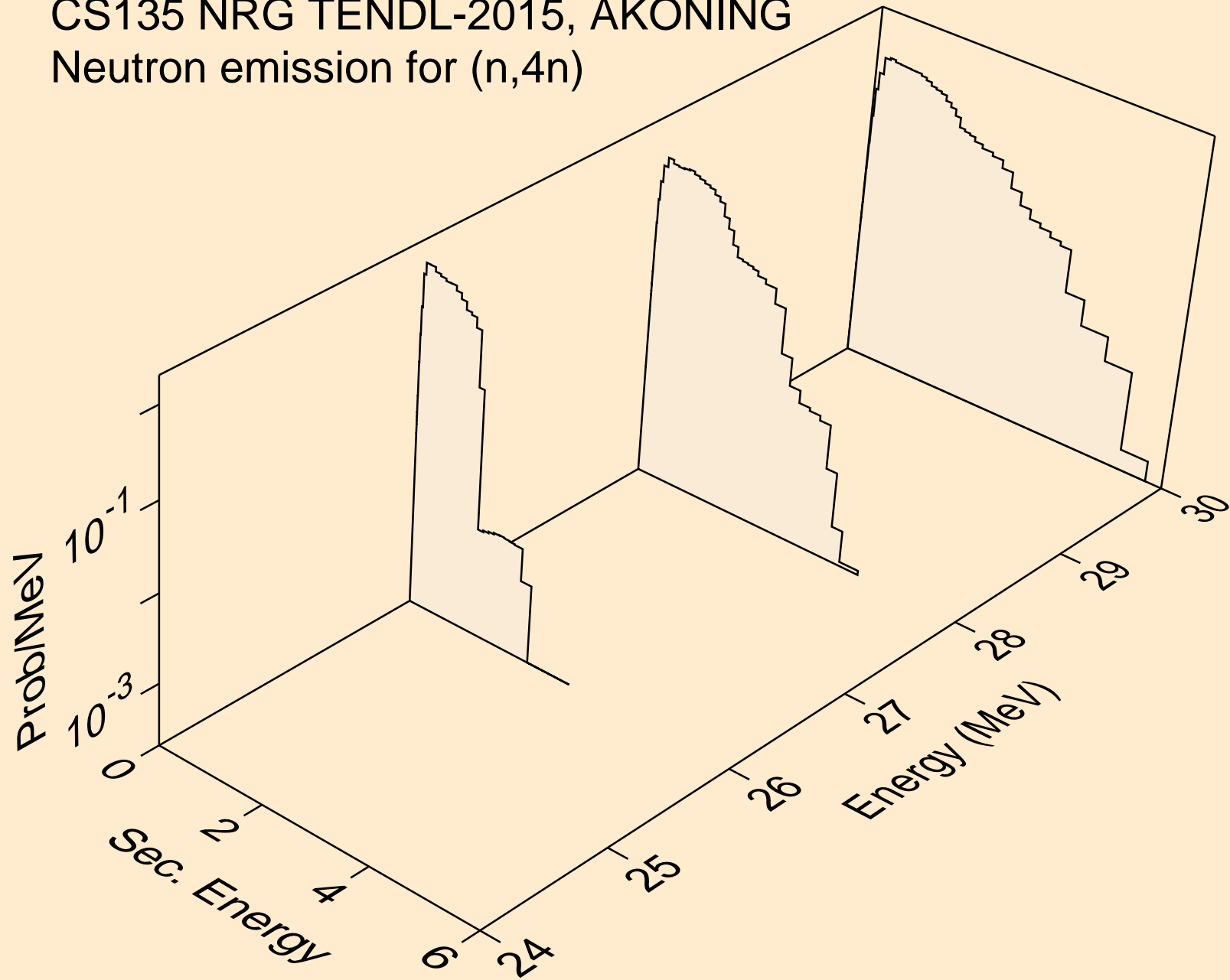
CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

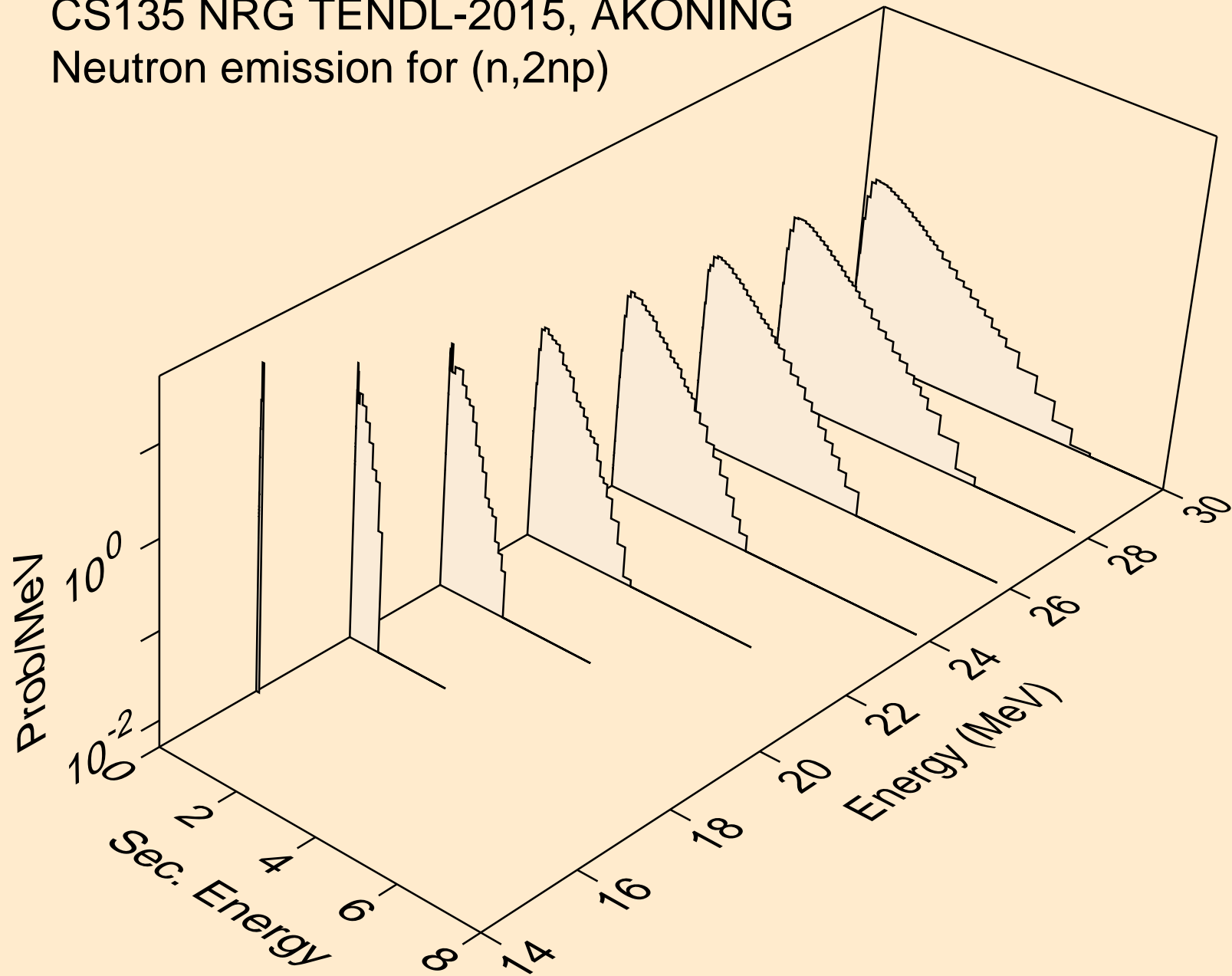


CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

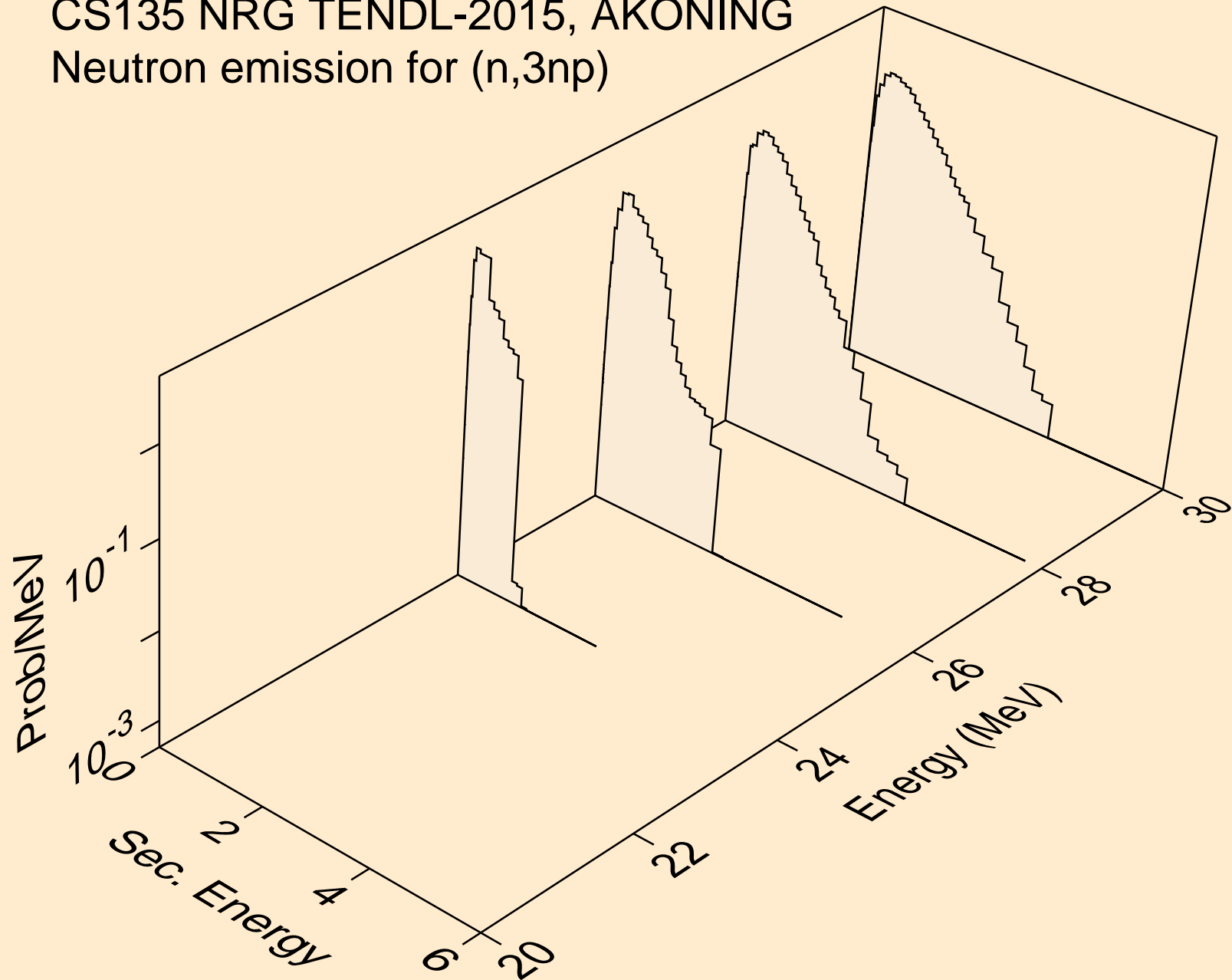




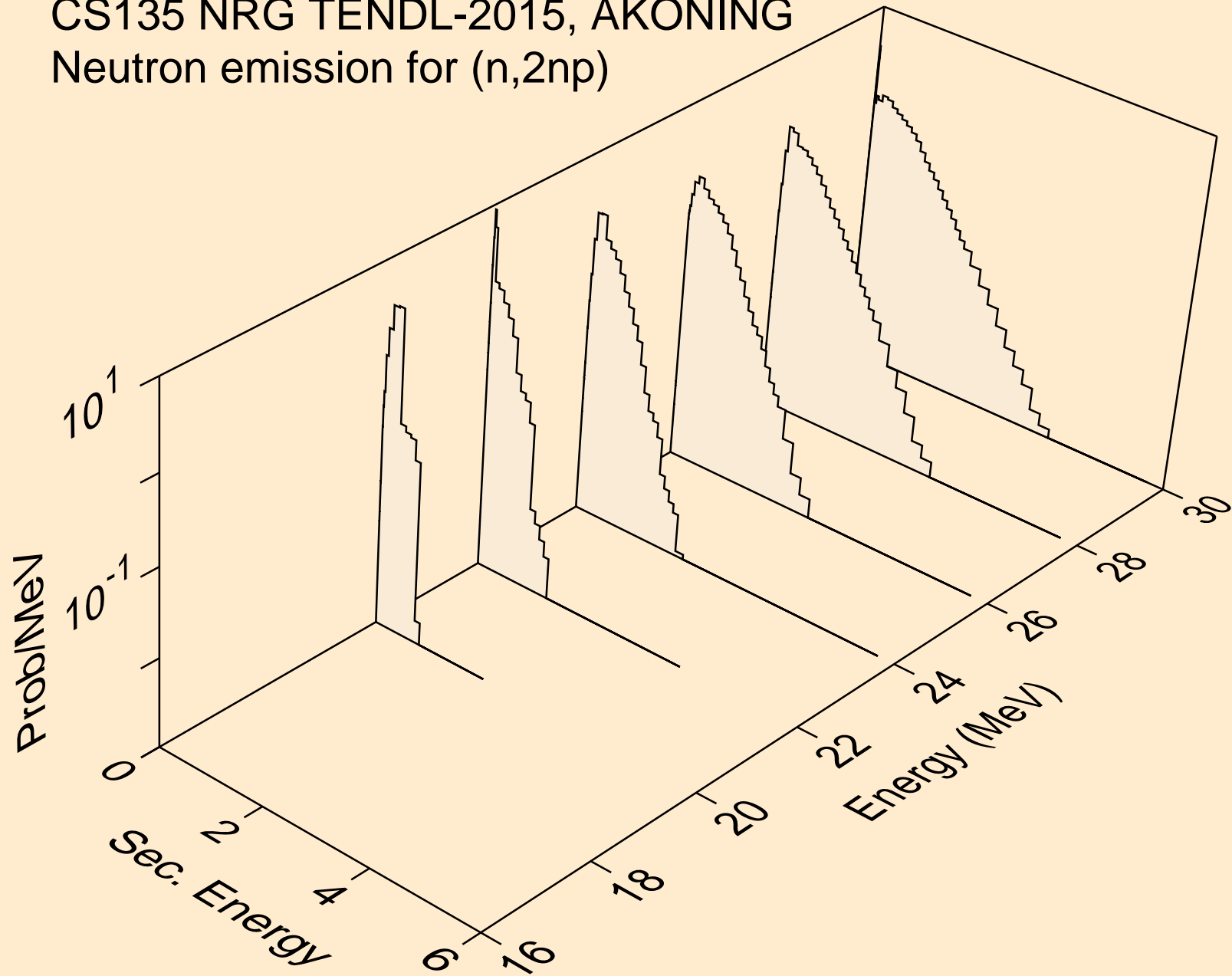
CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



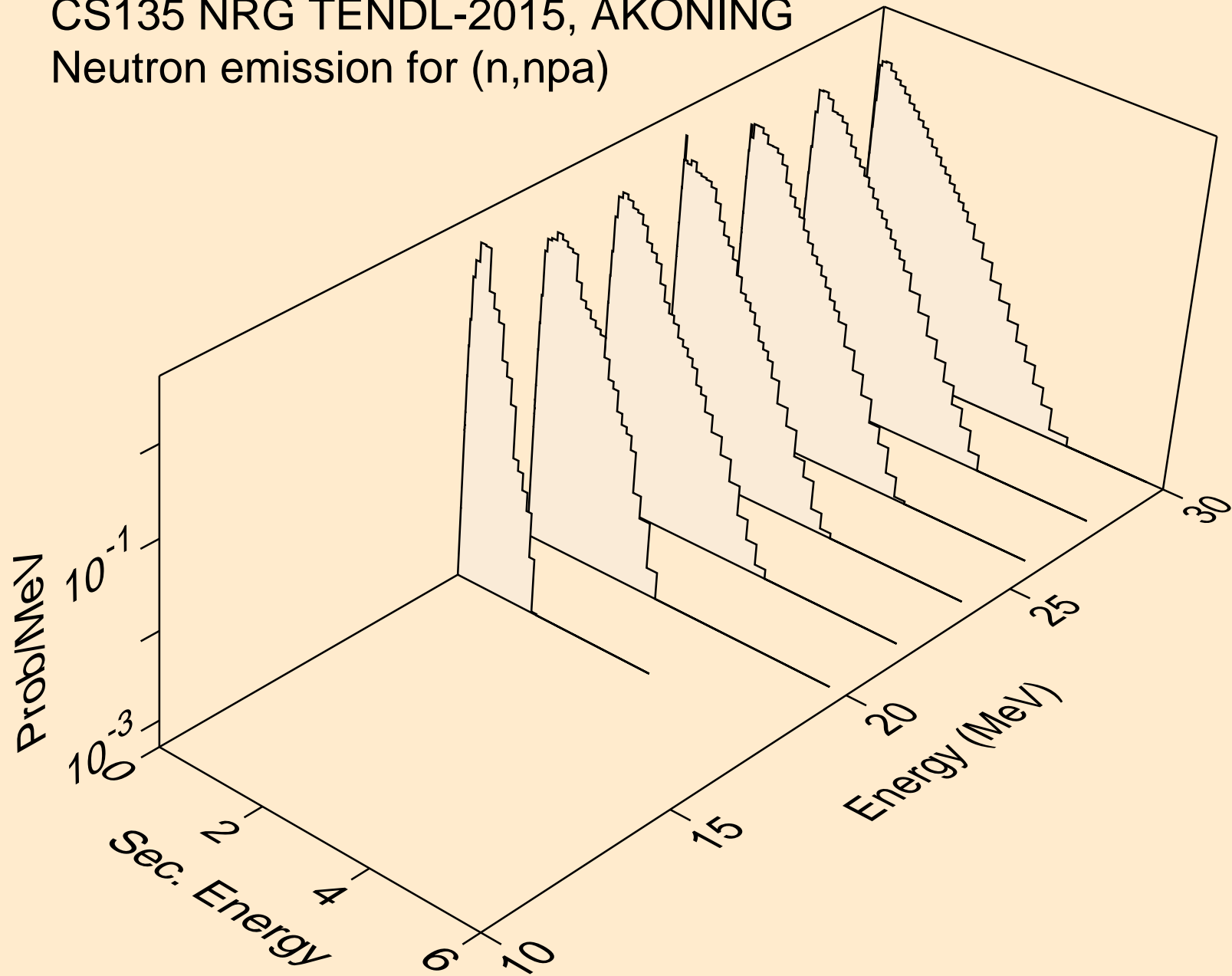
CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



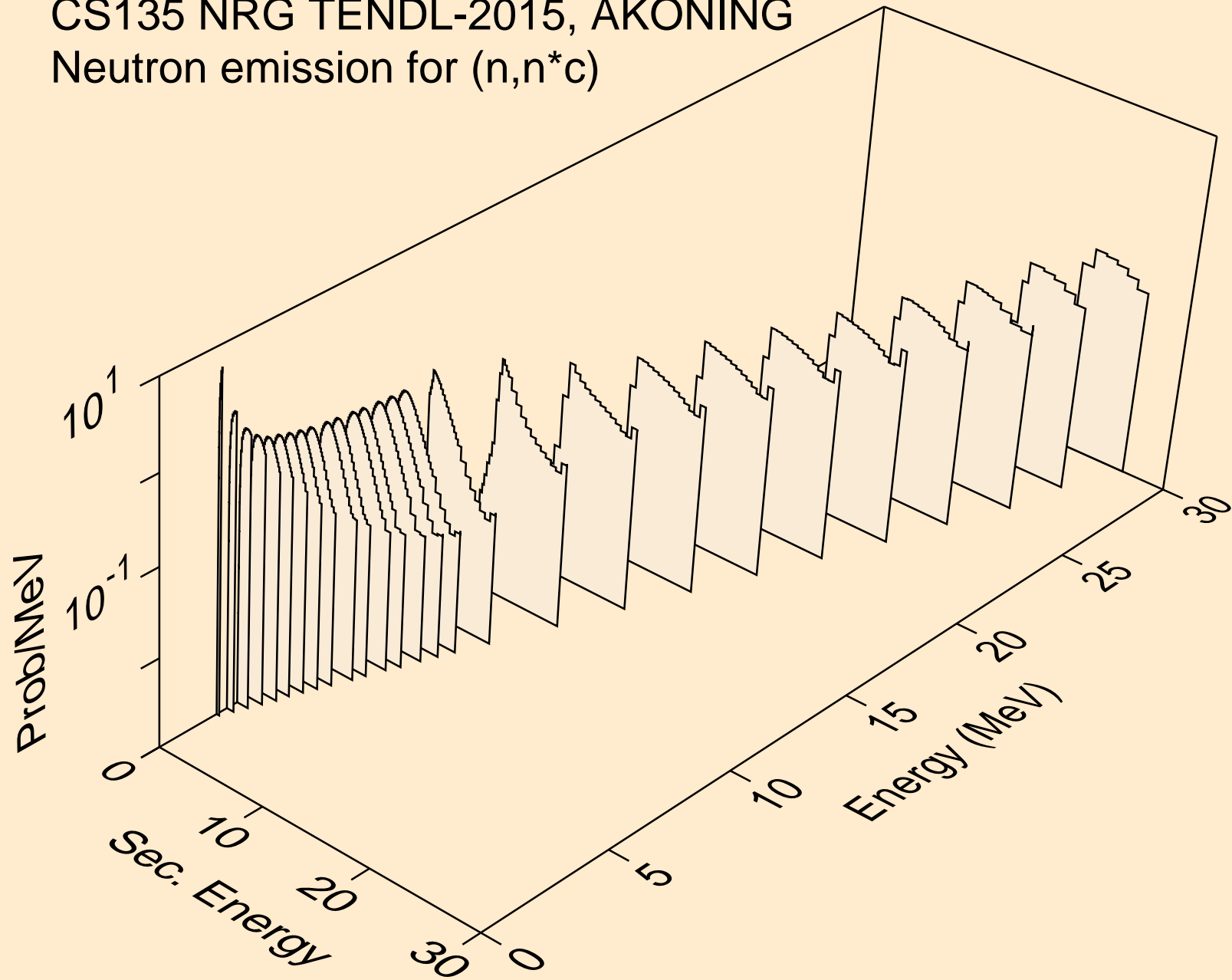
CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



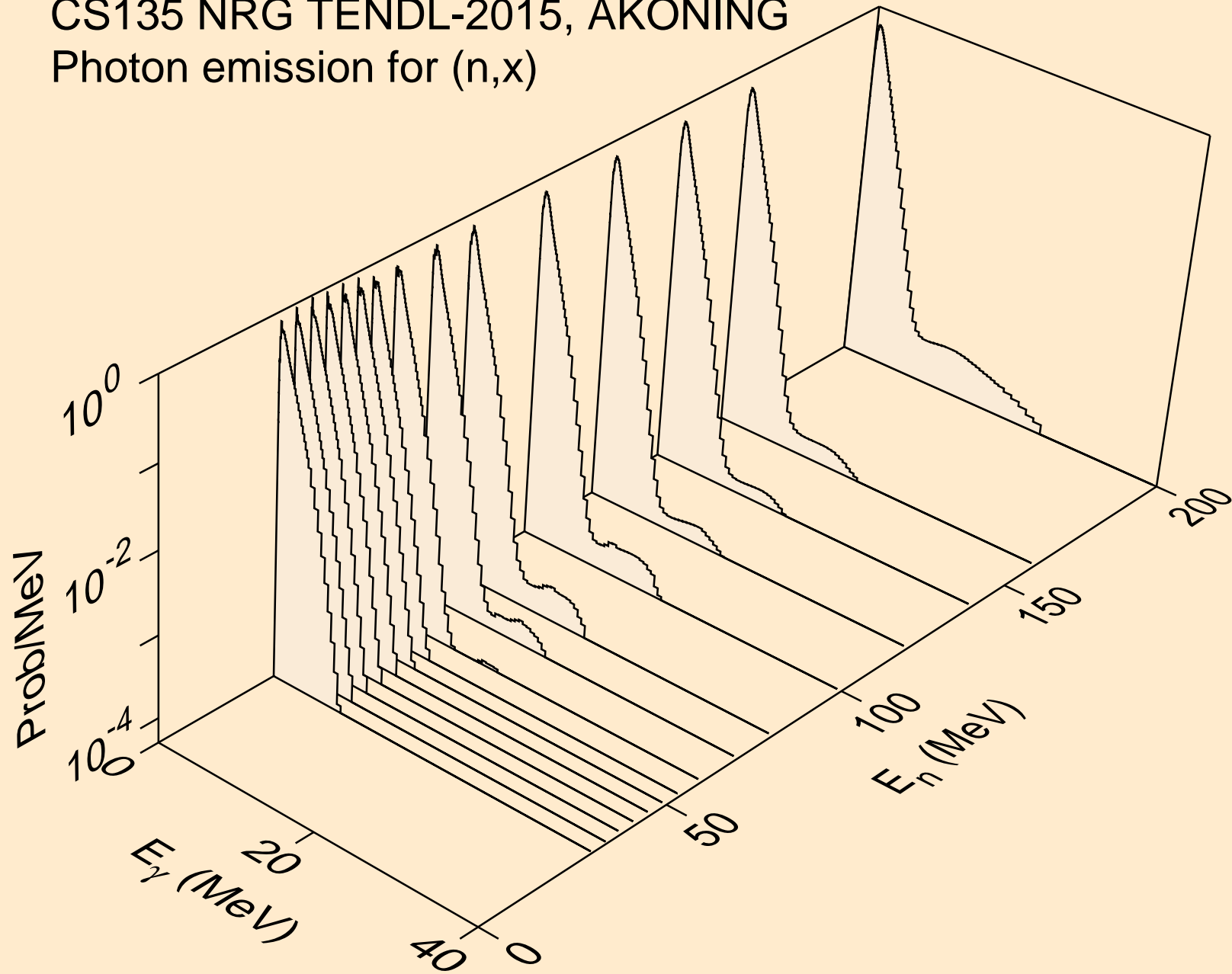
CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



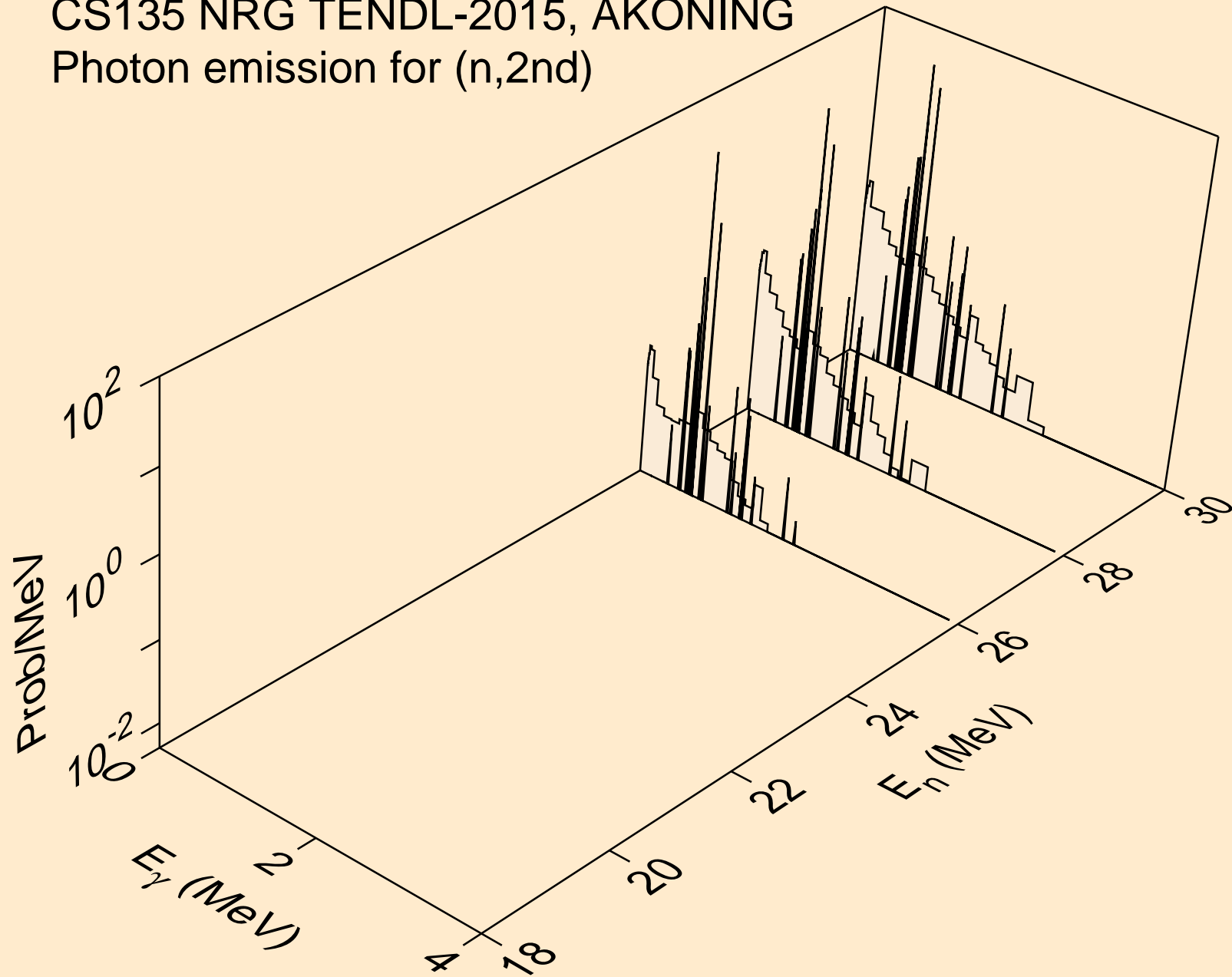
CS135 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



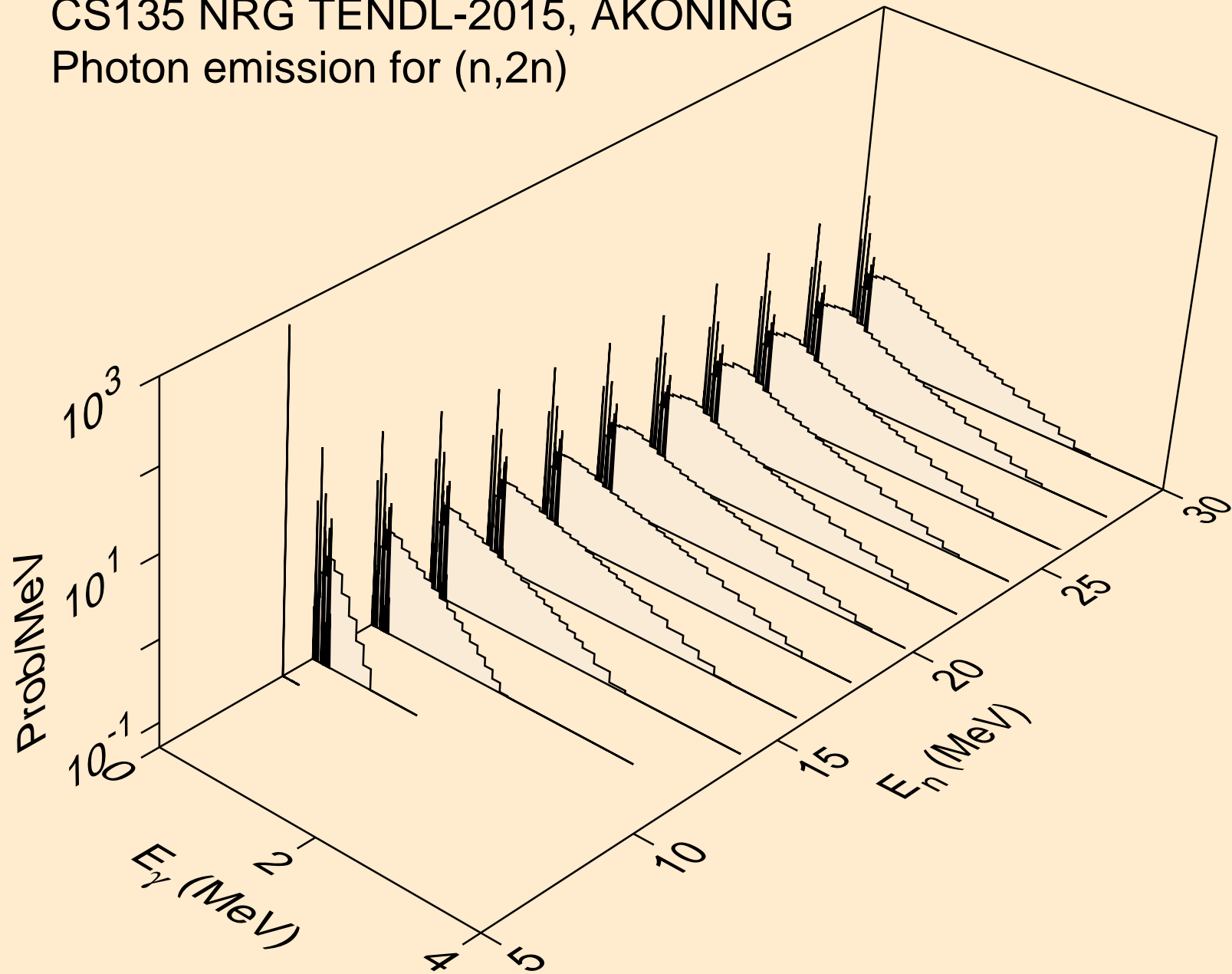
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

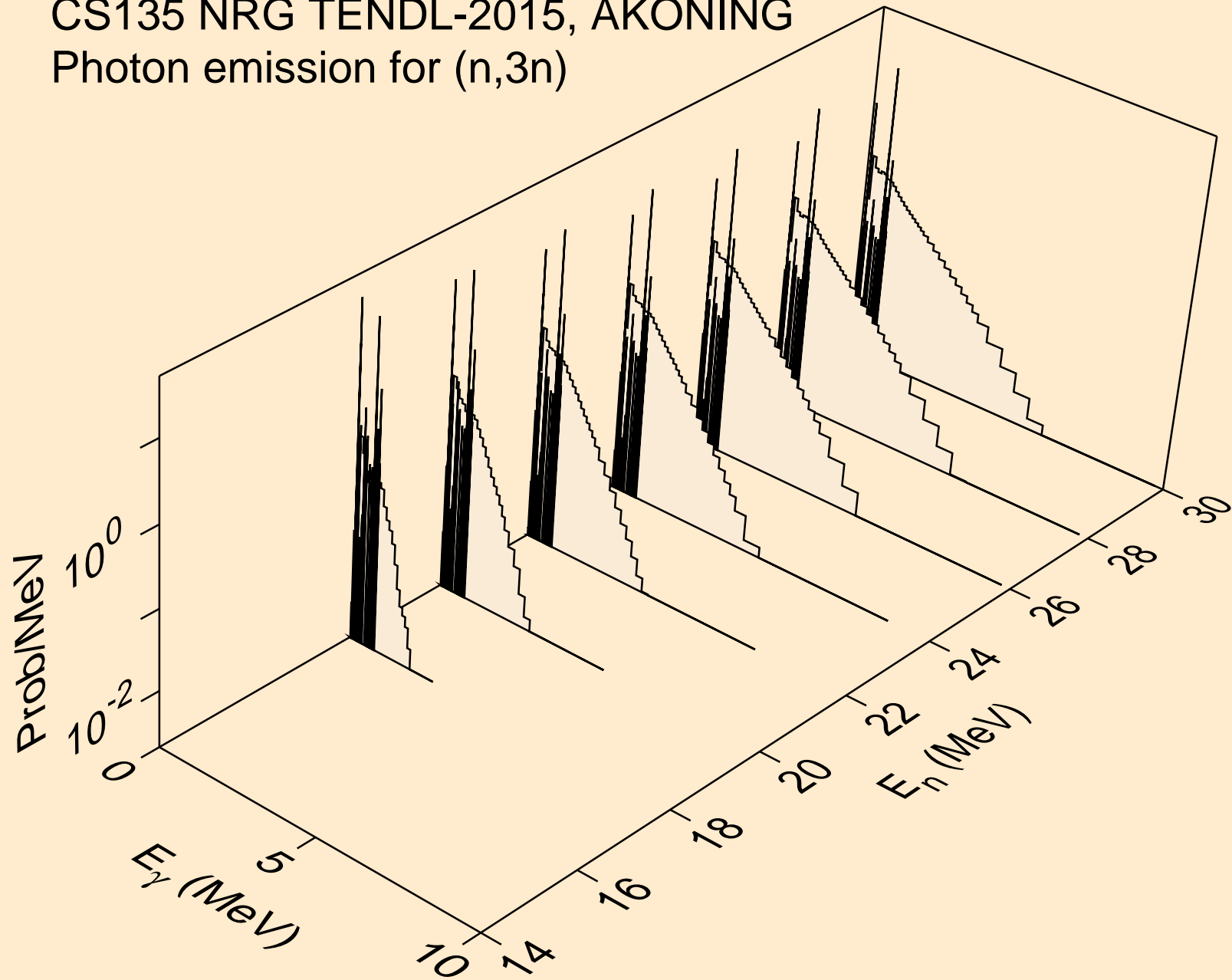


CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

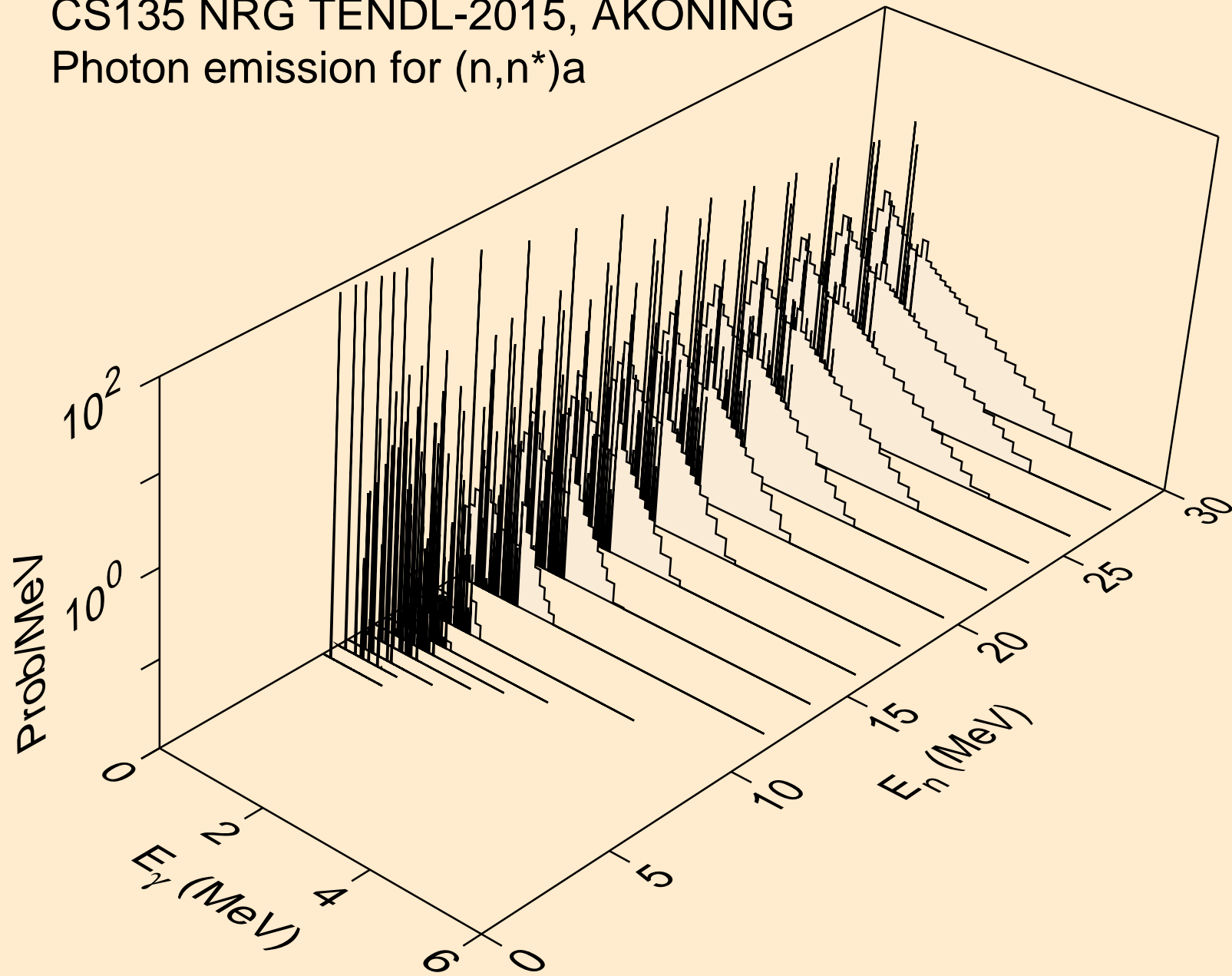




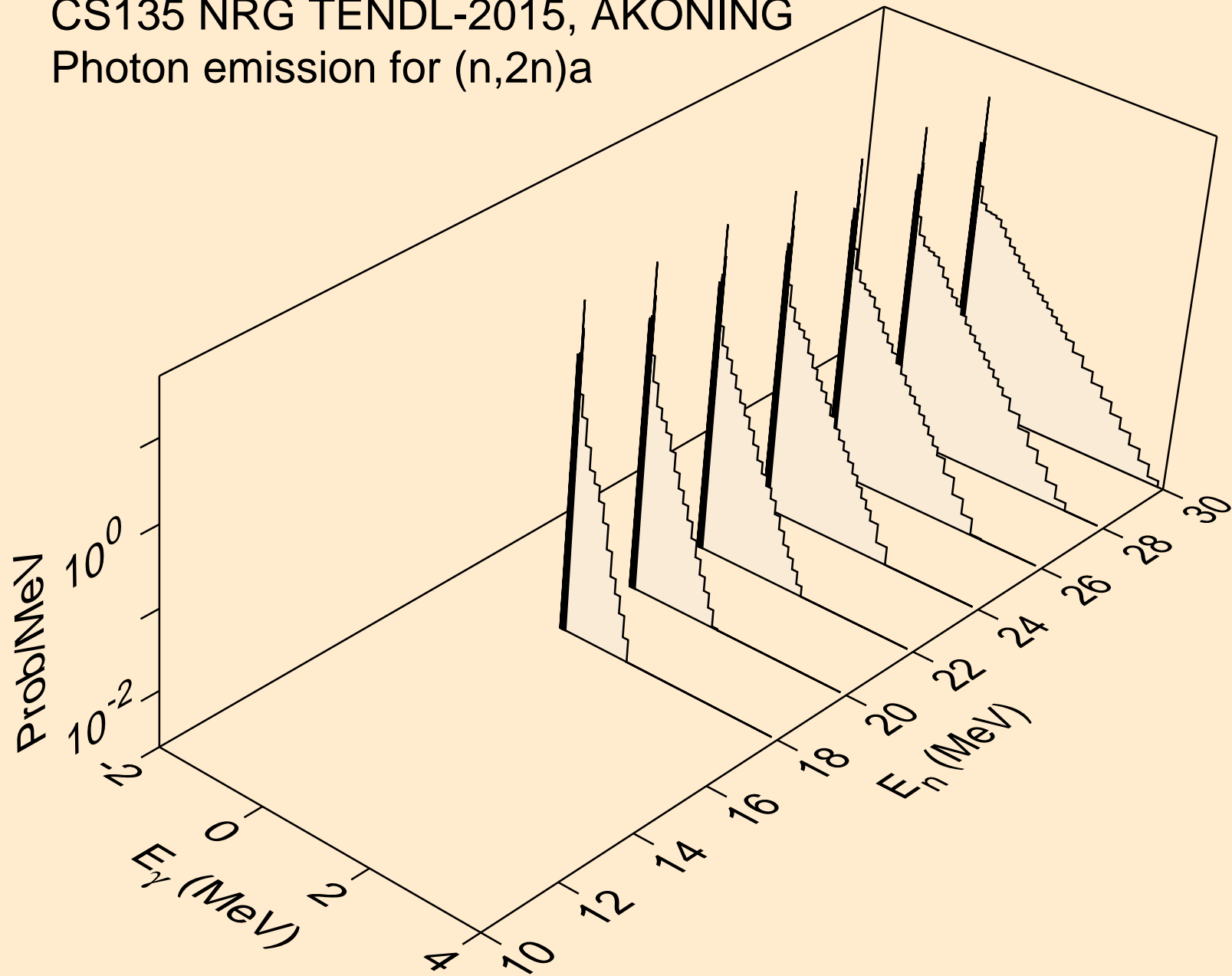
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



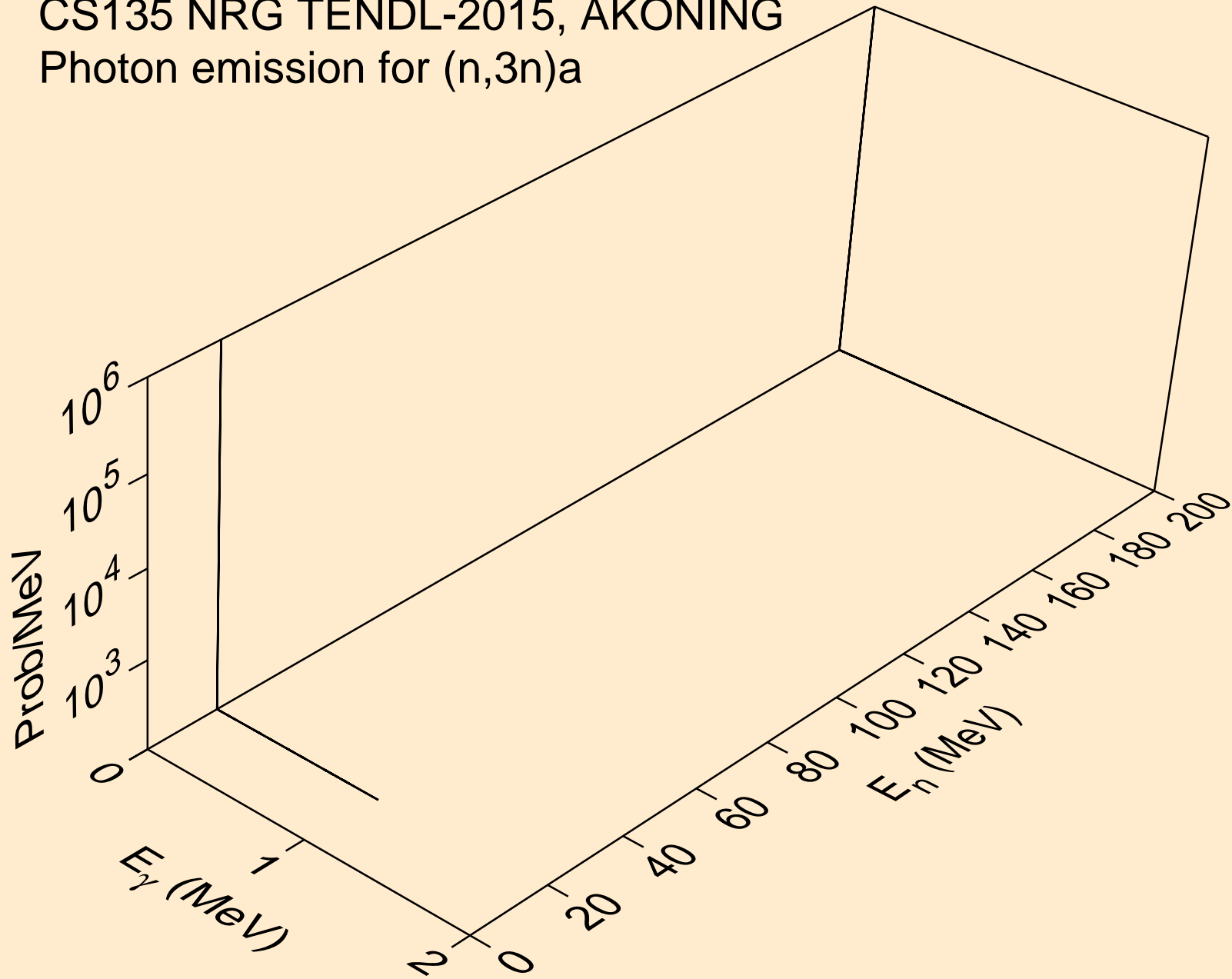
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)<sub>a</sub>

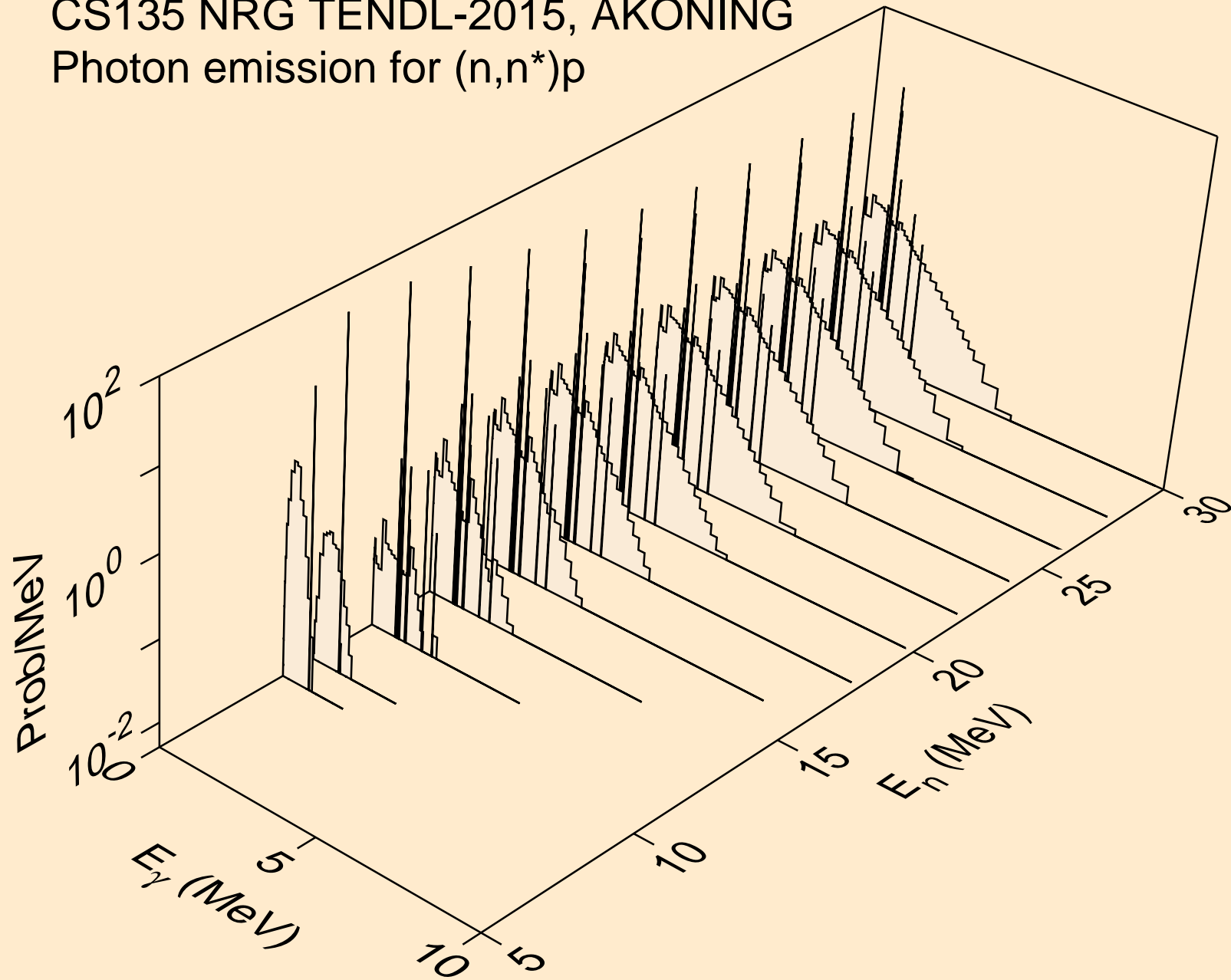


CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

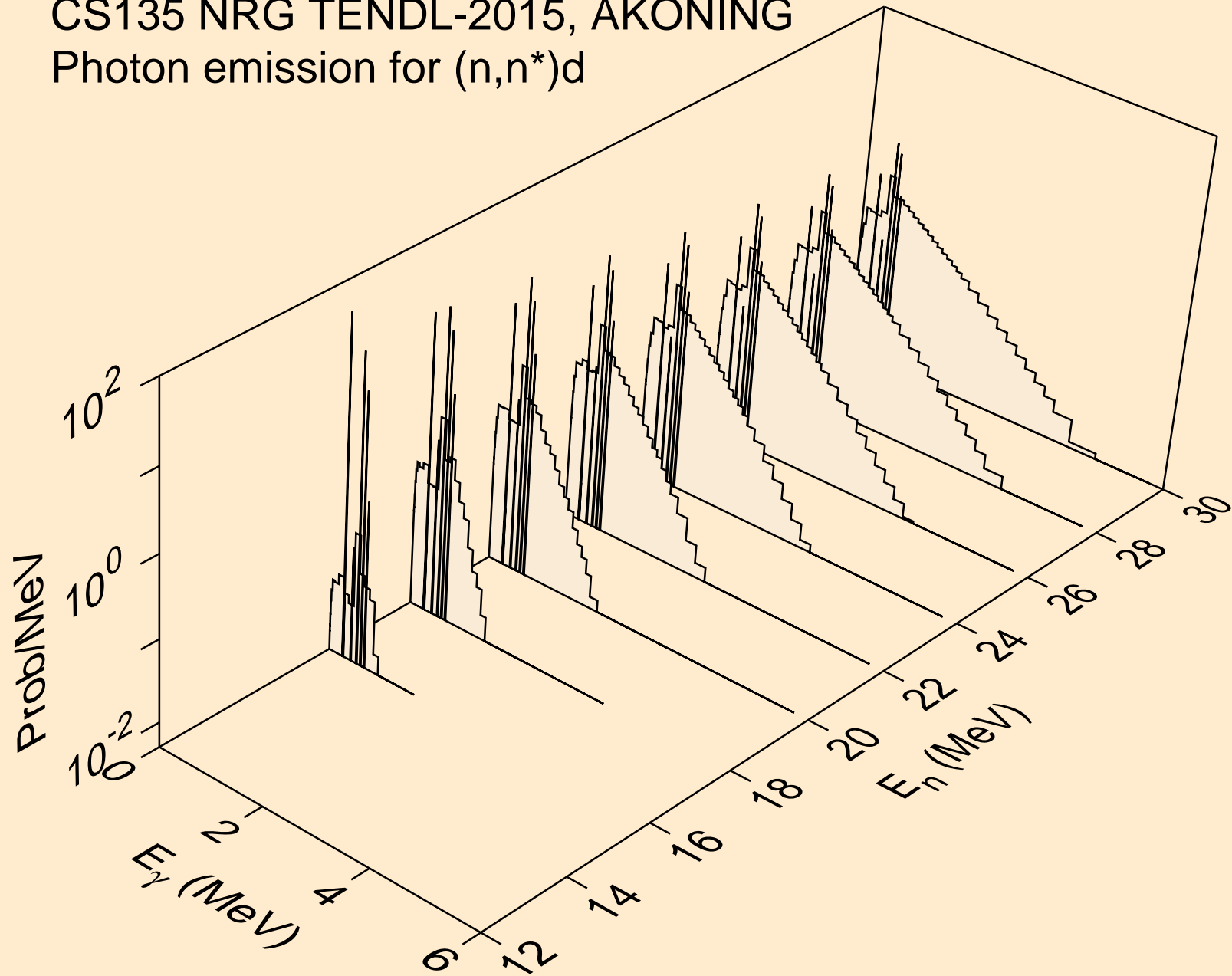


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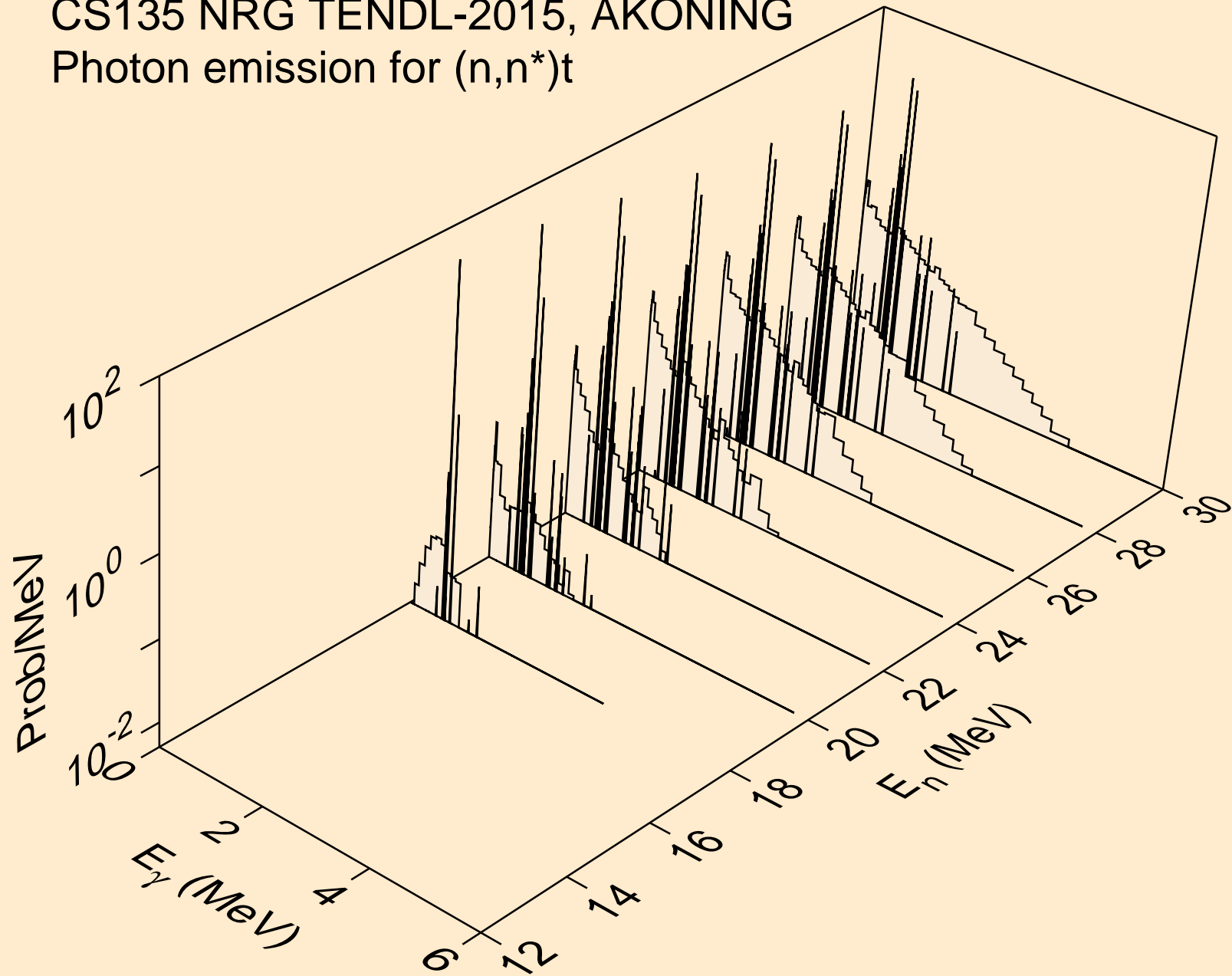
Photon emission for (n,n\*)p



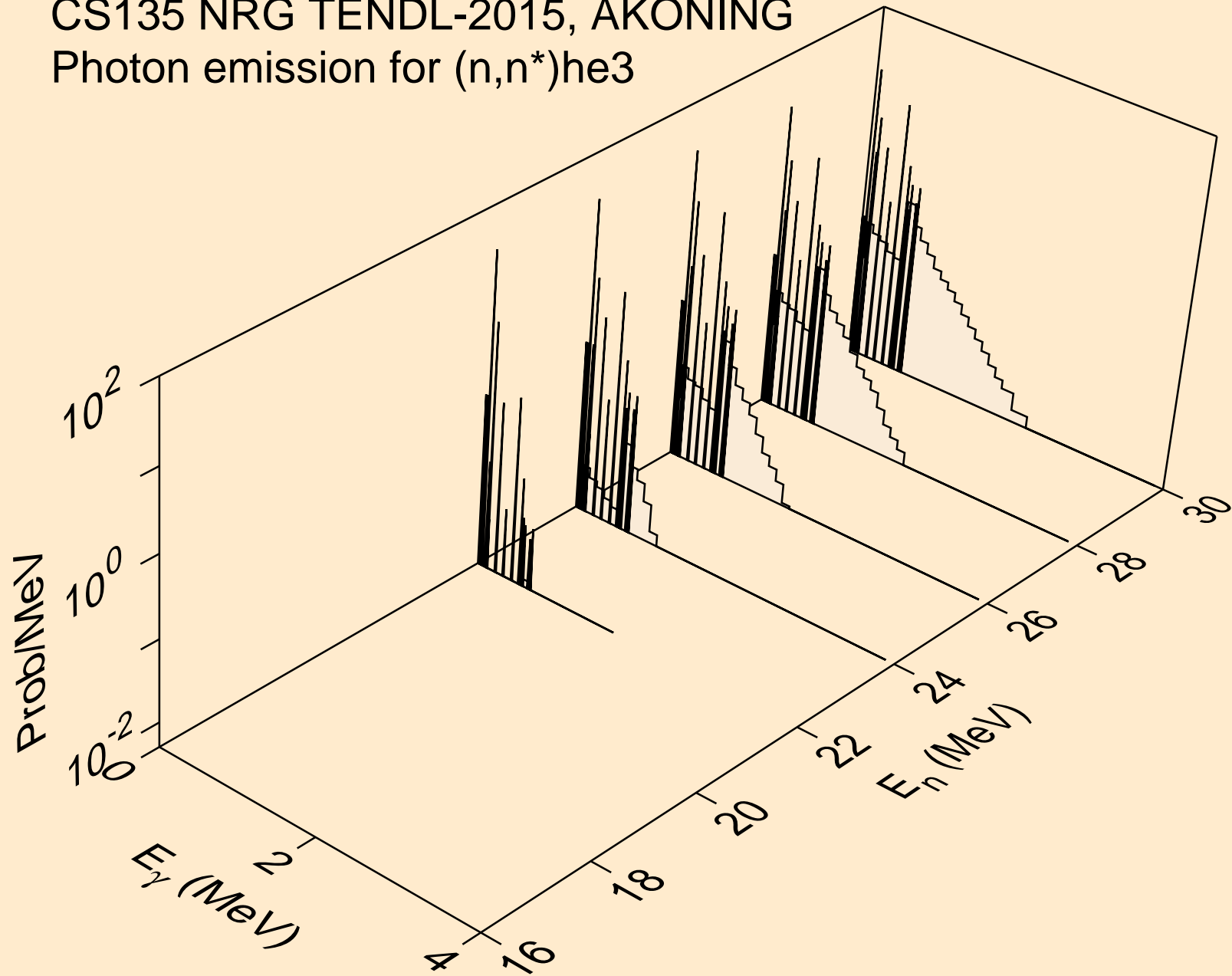
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

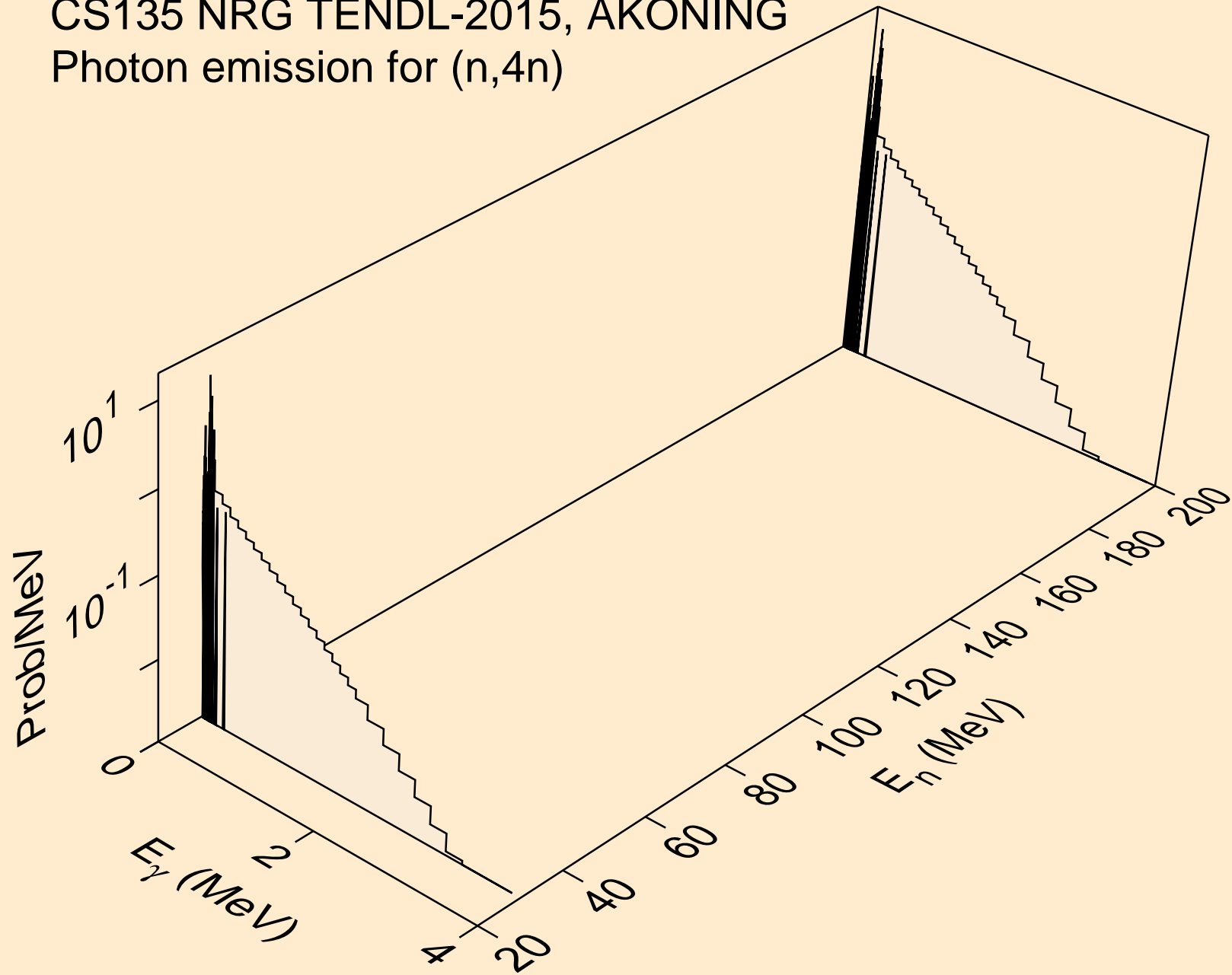


CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

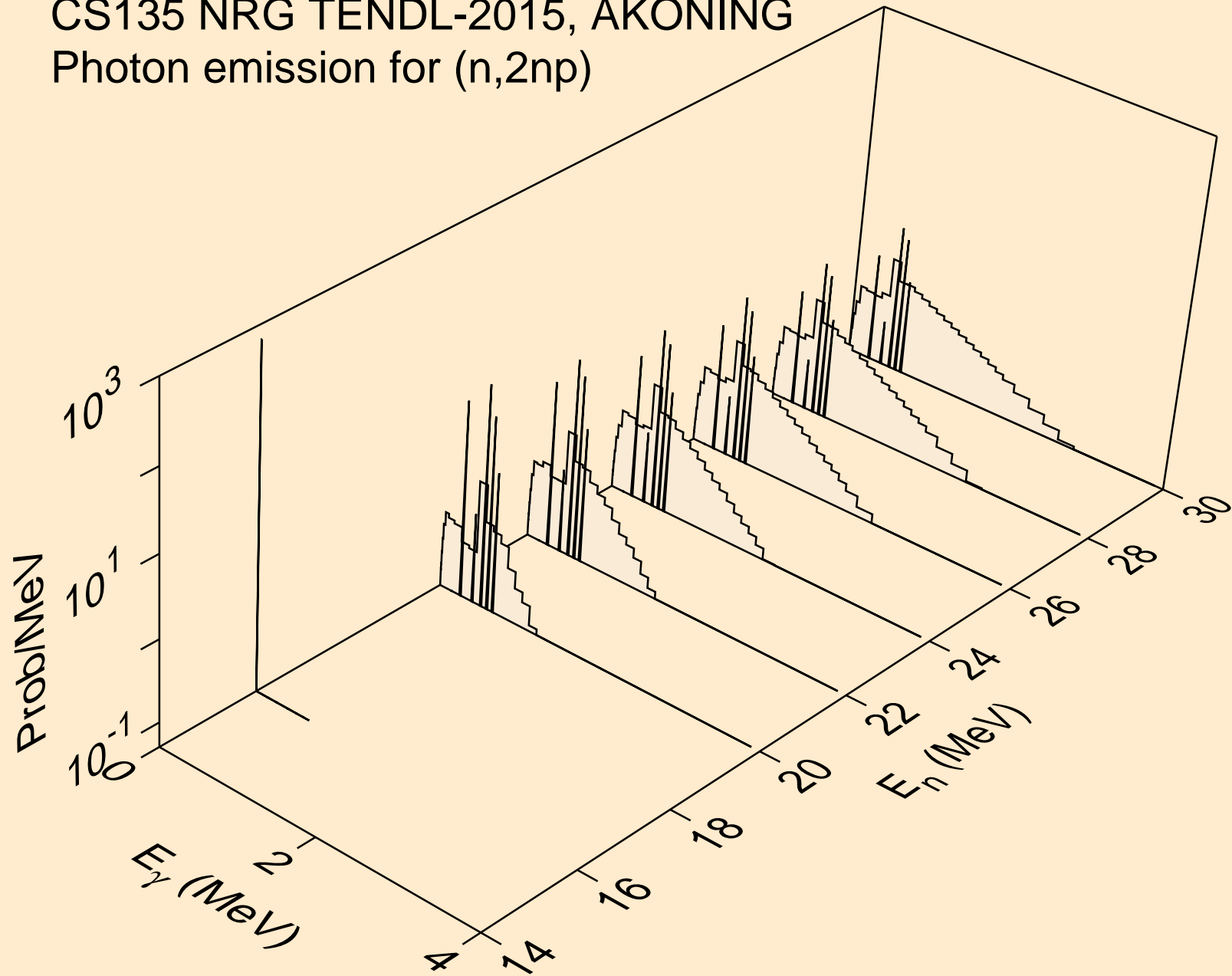




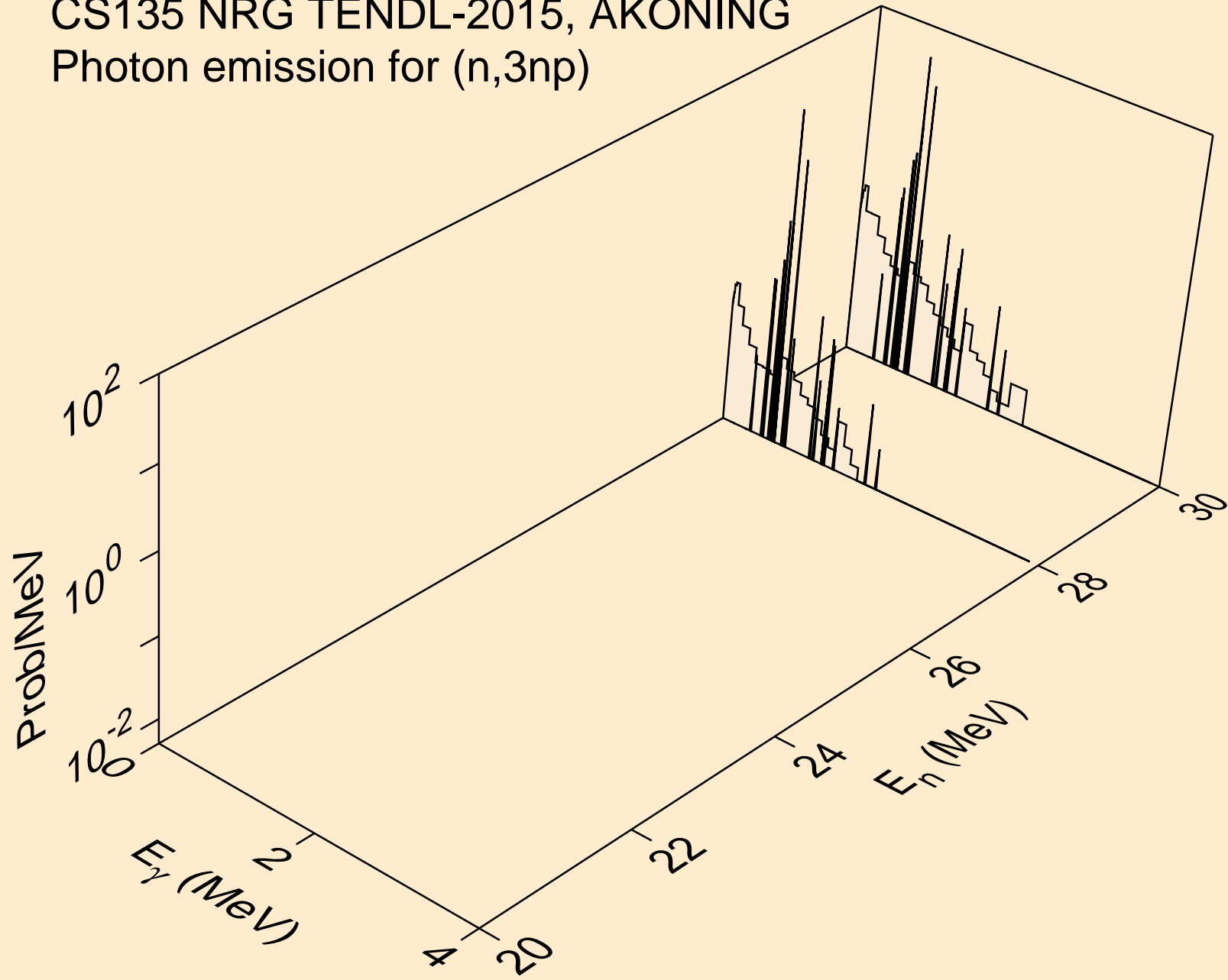
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



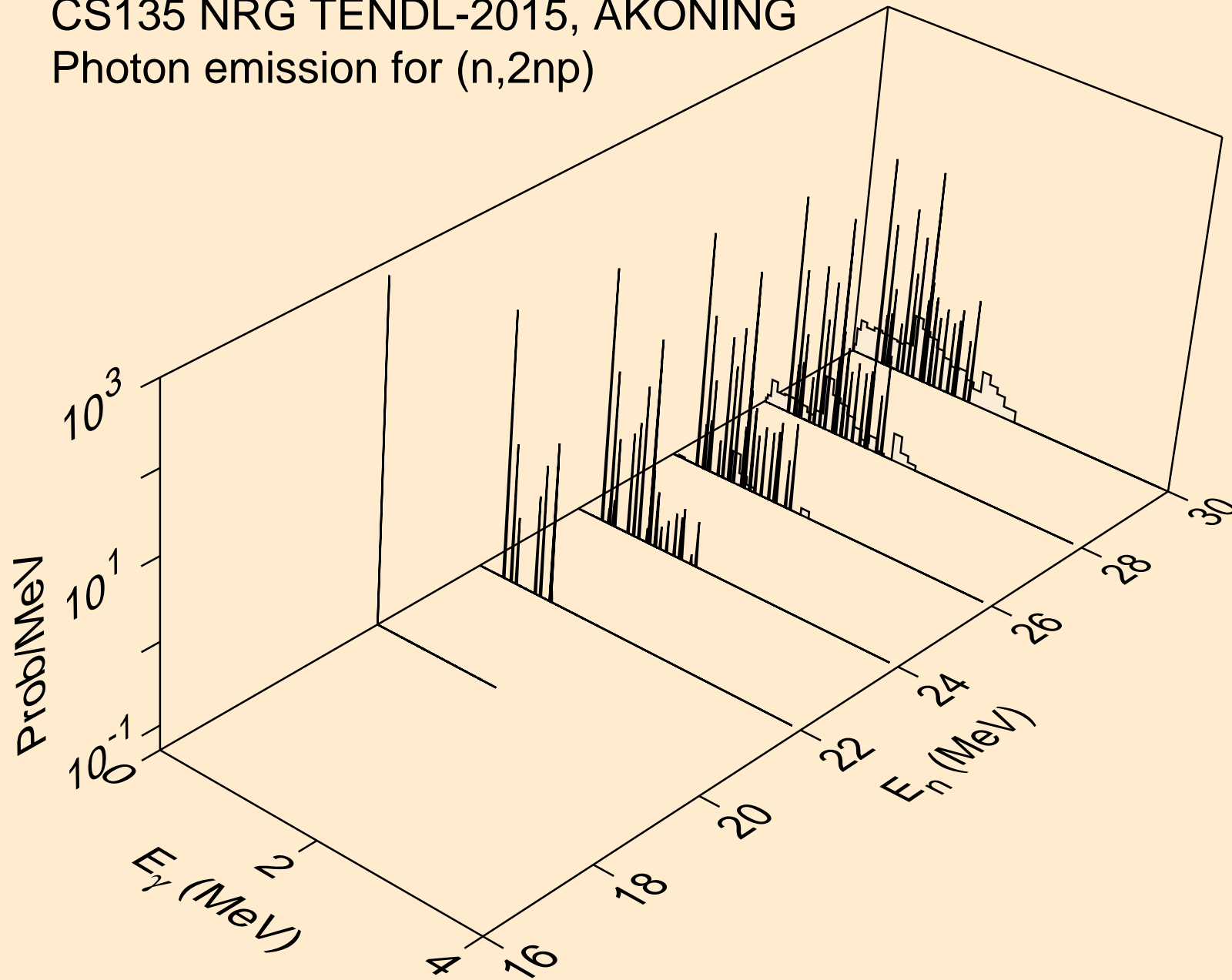
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



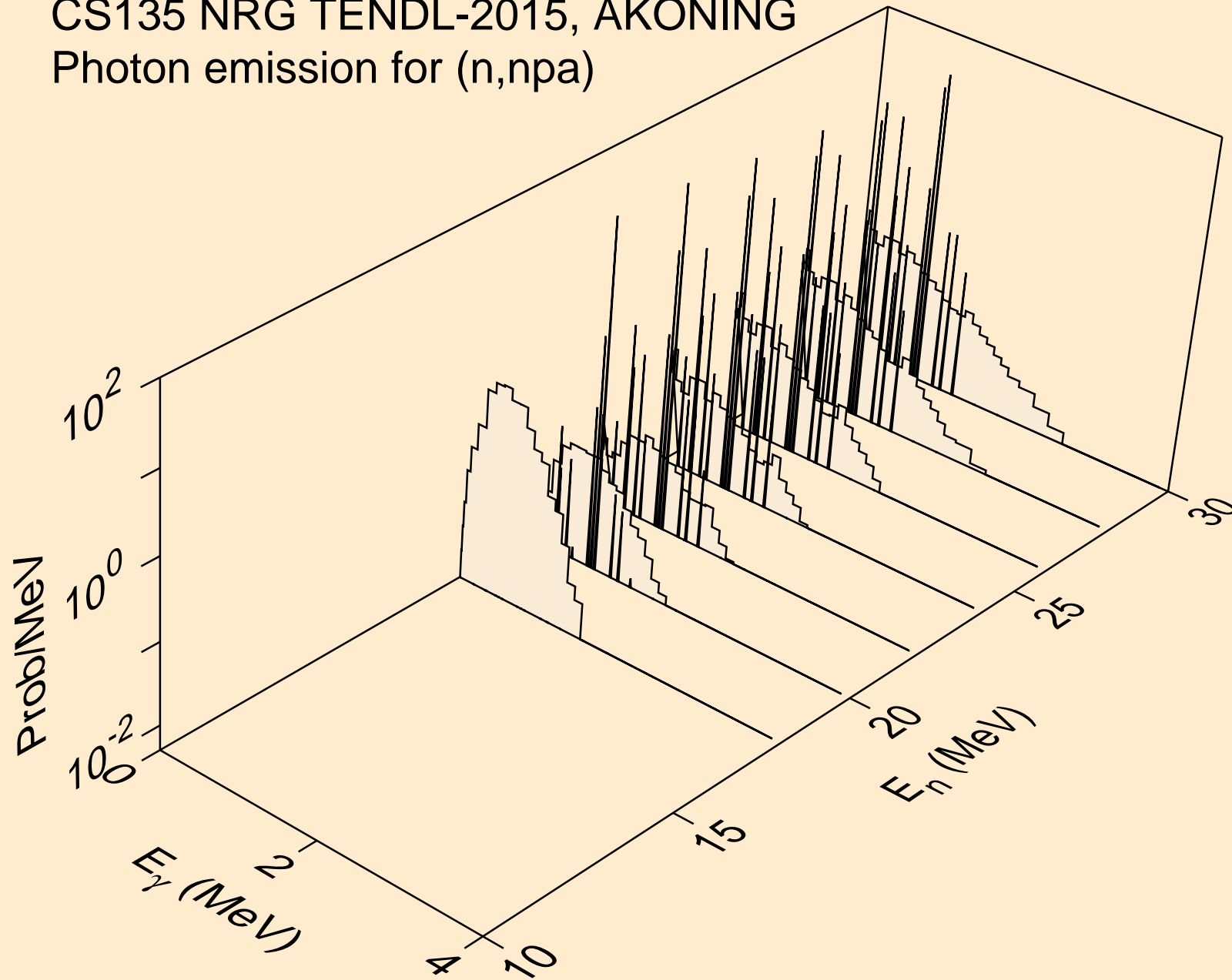
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



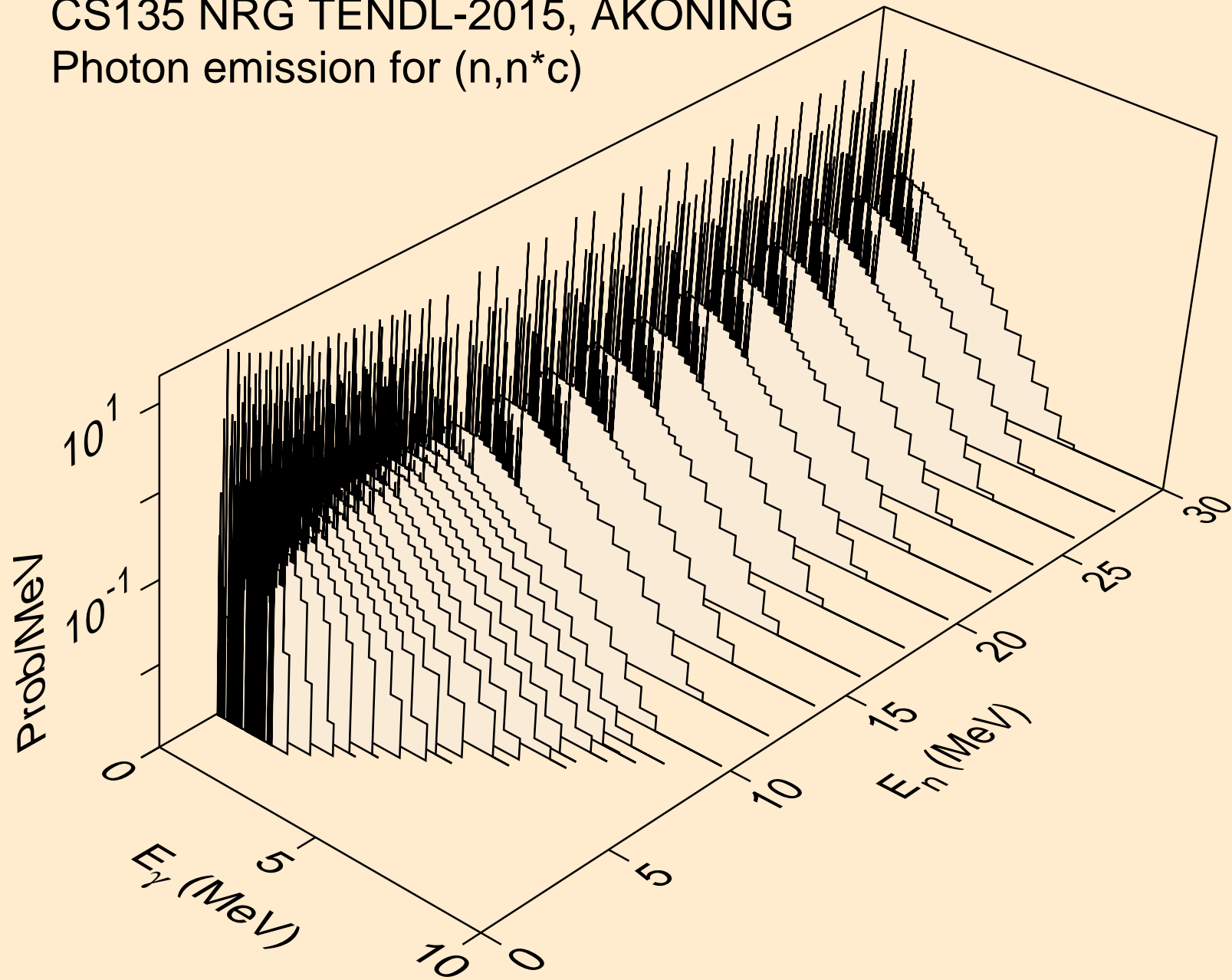
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



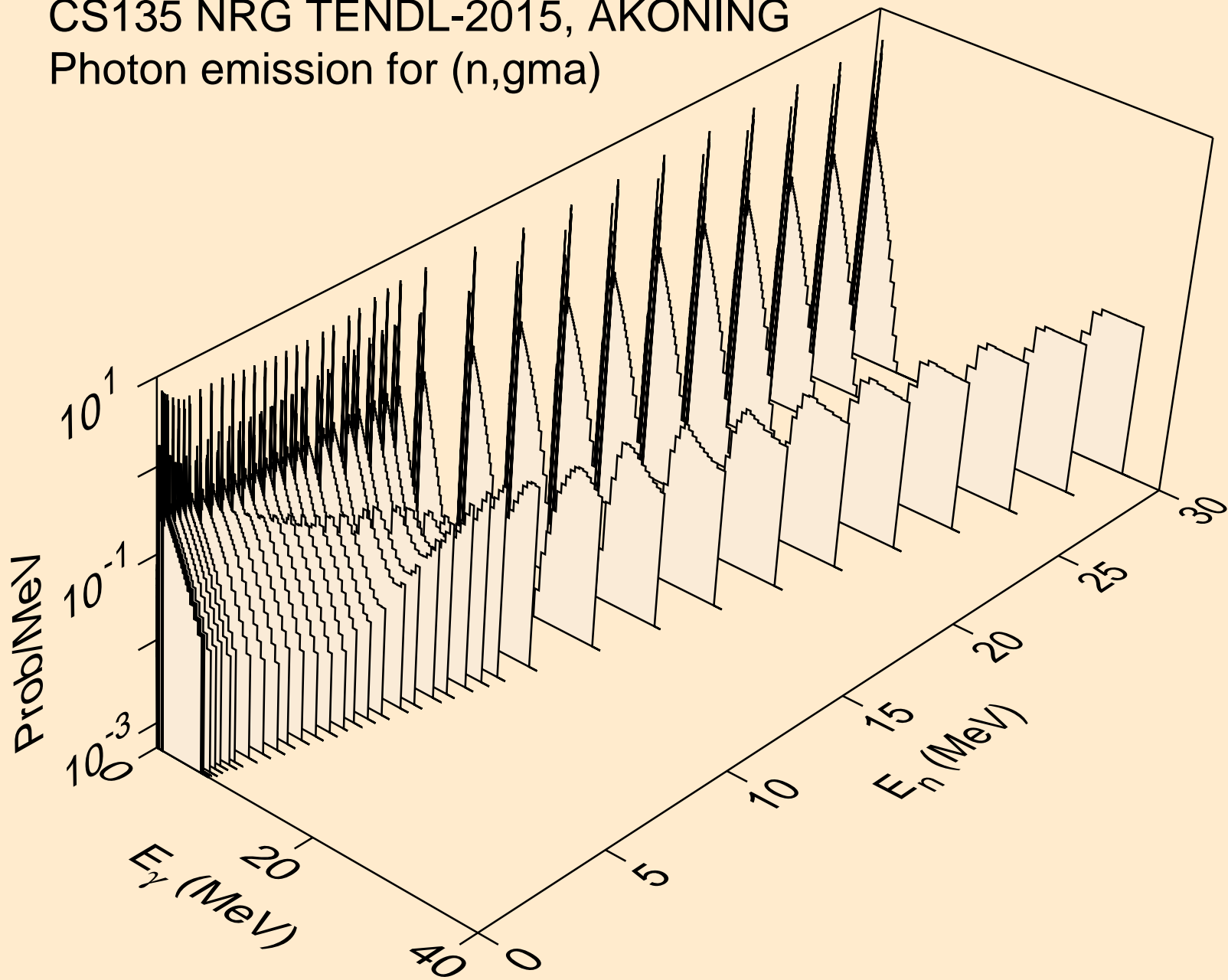
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



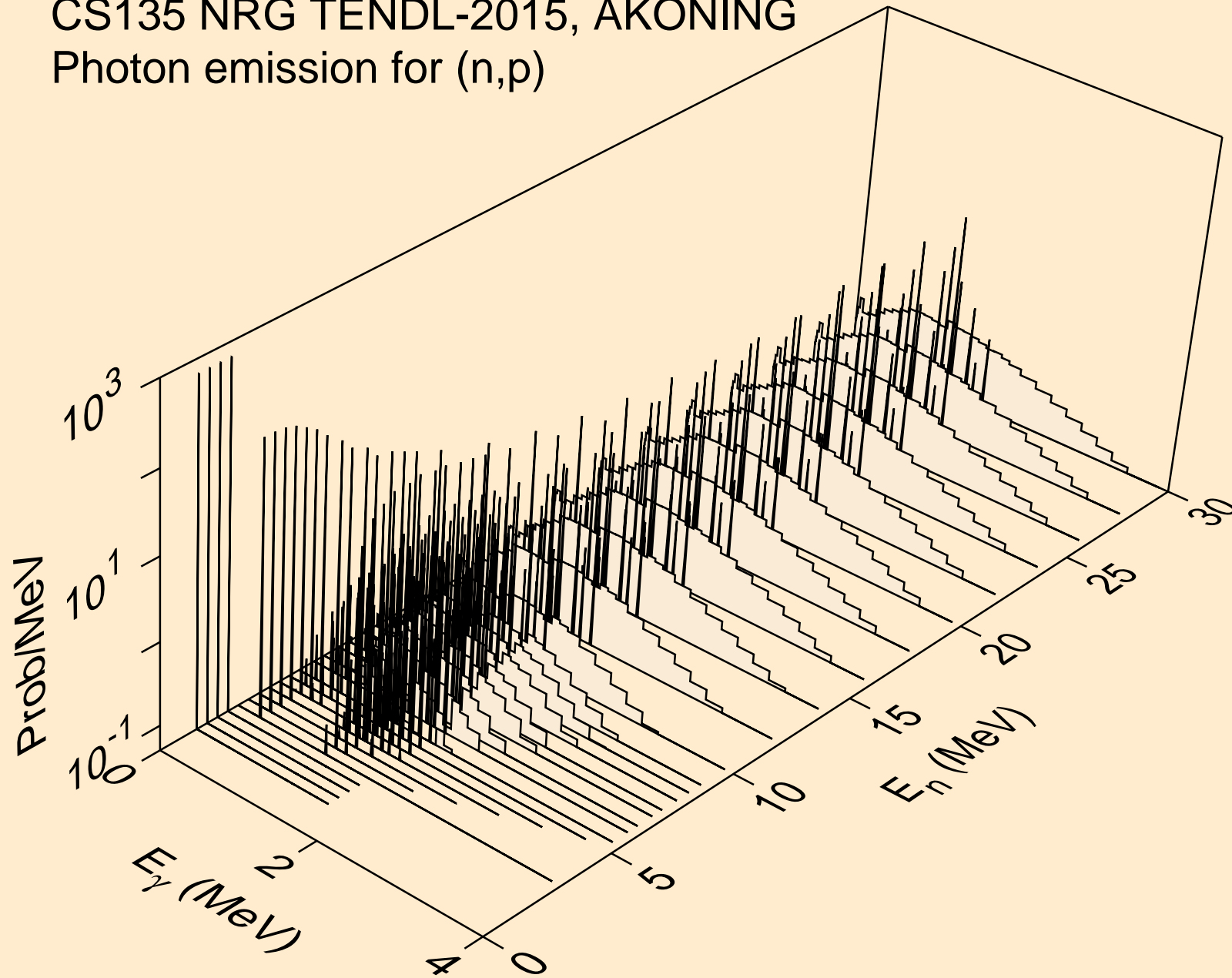
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

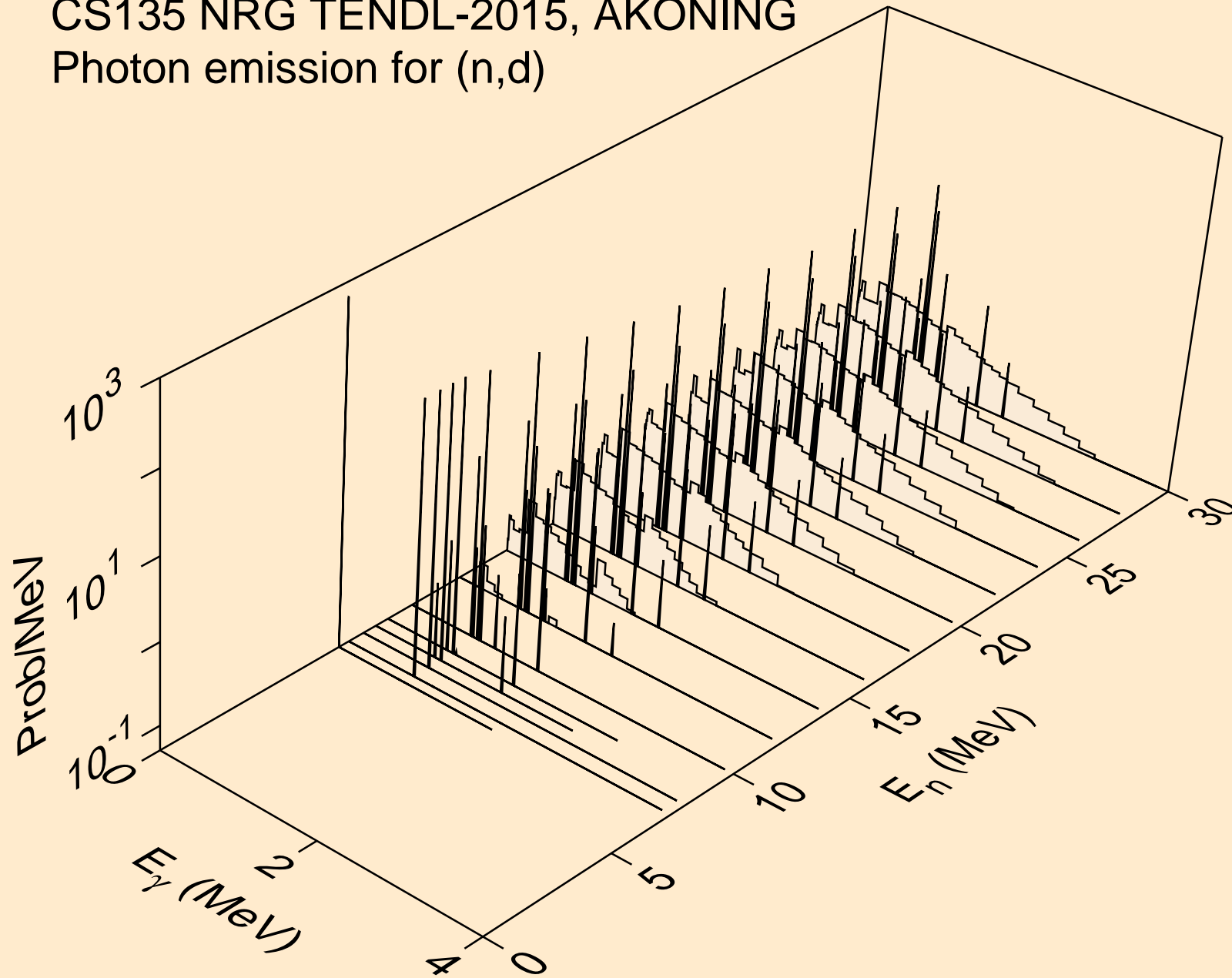


CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

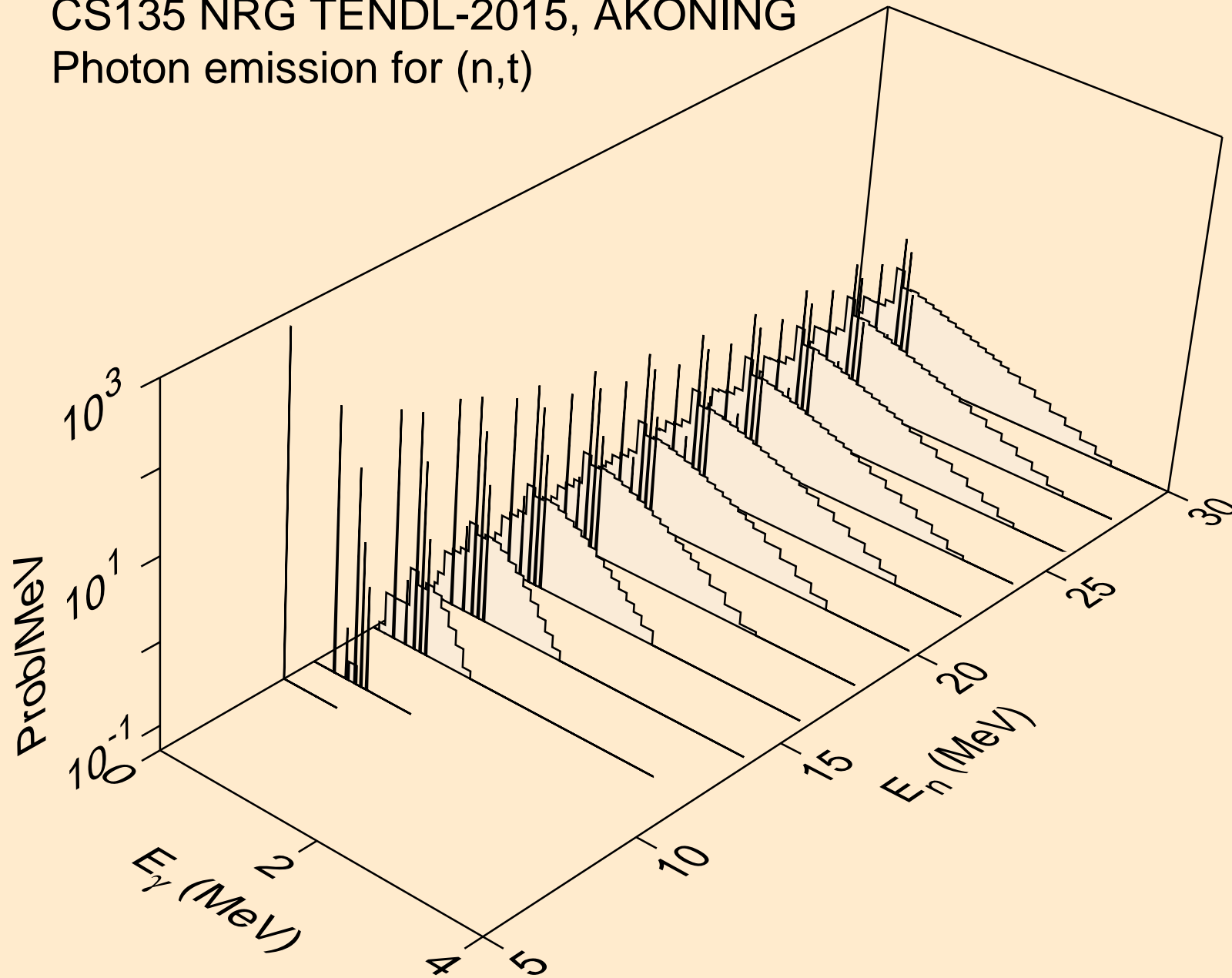




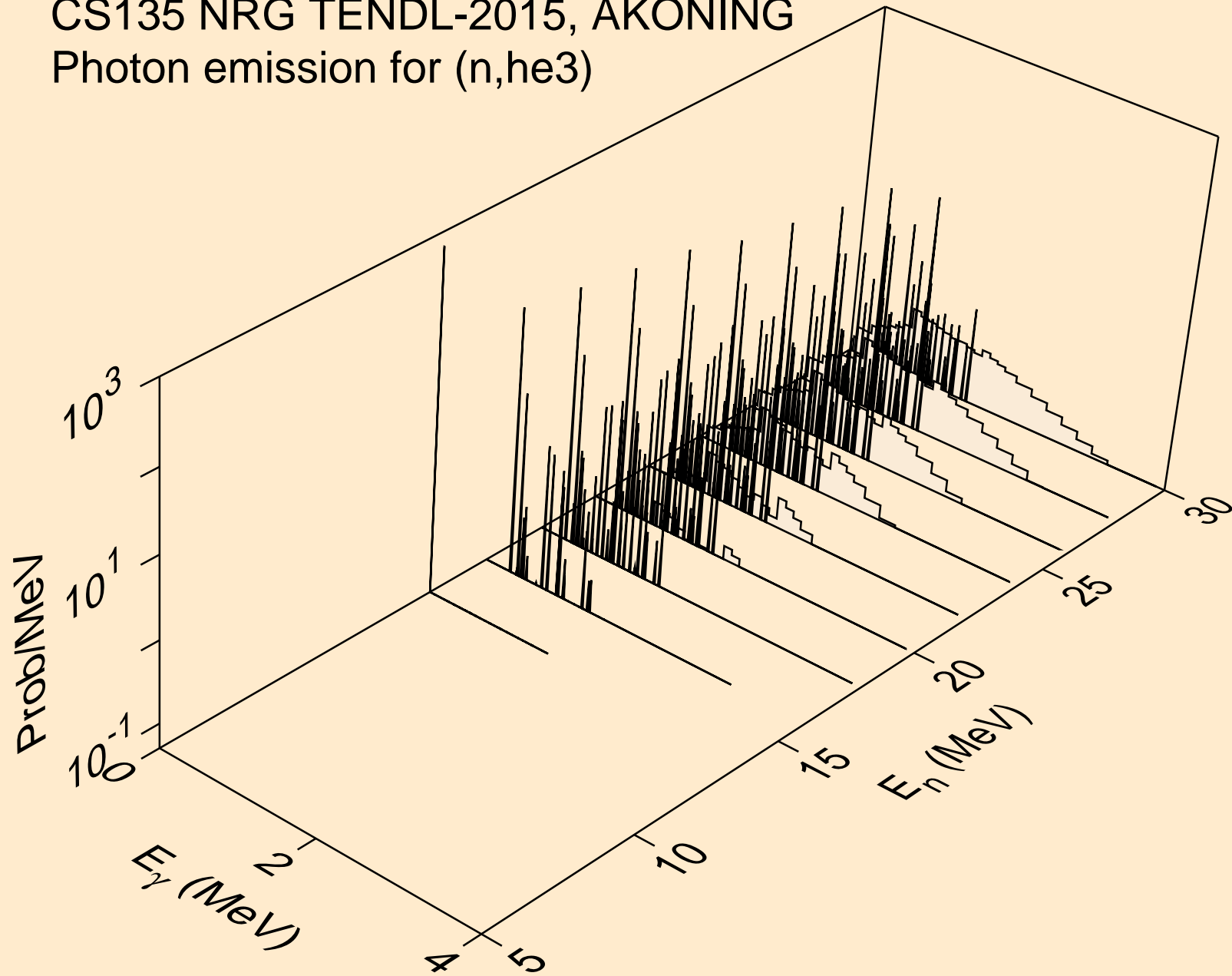
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



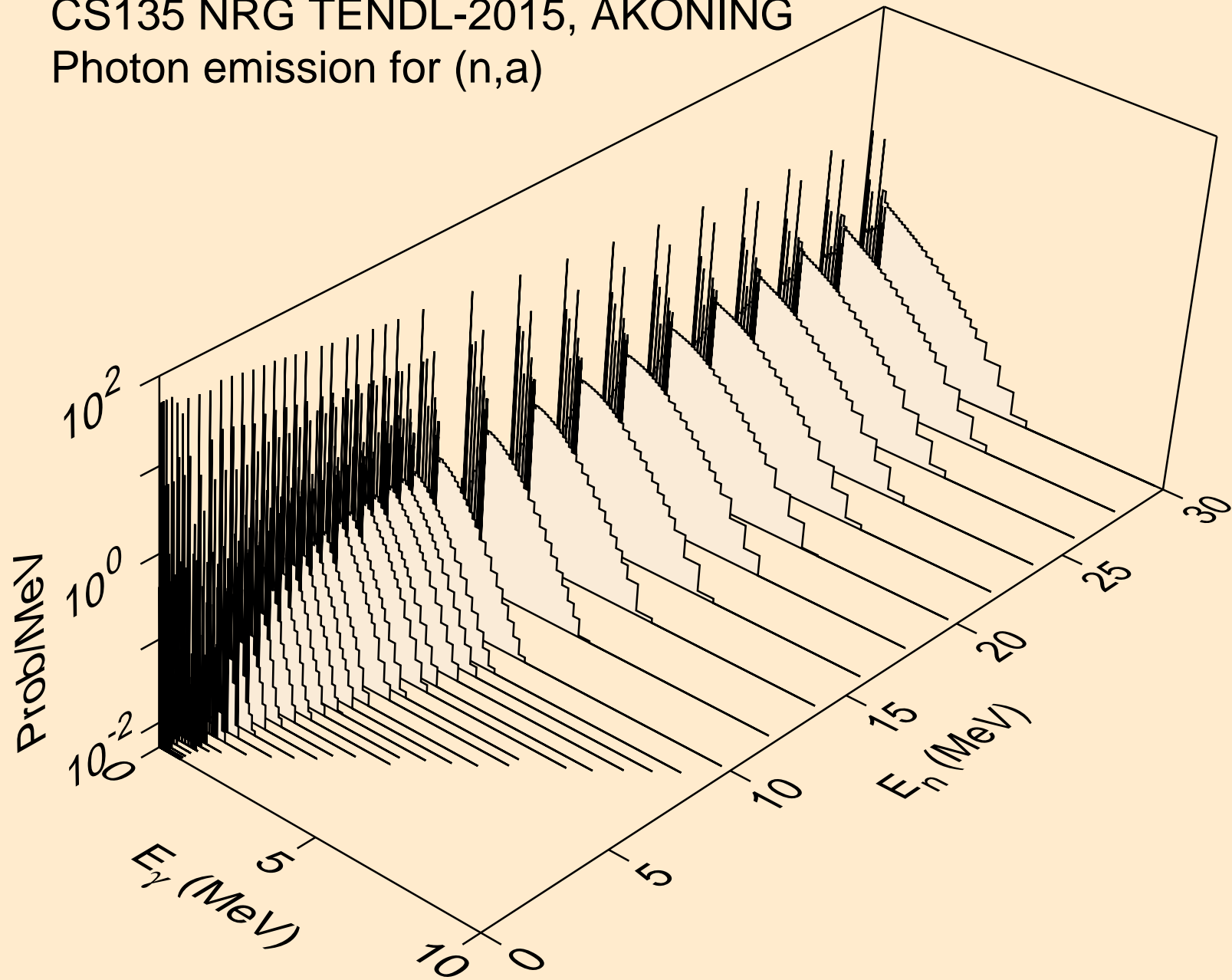
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



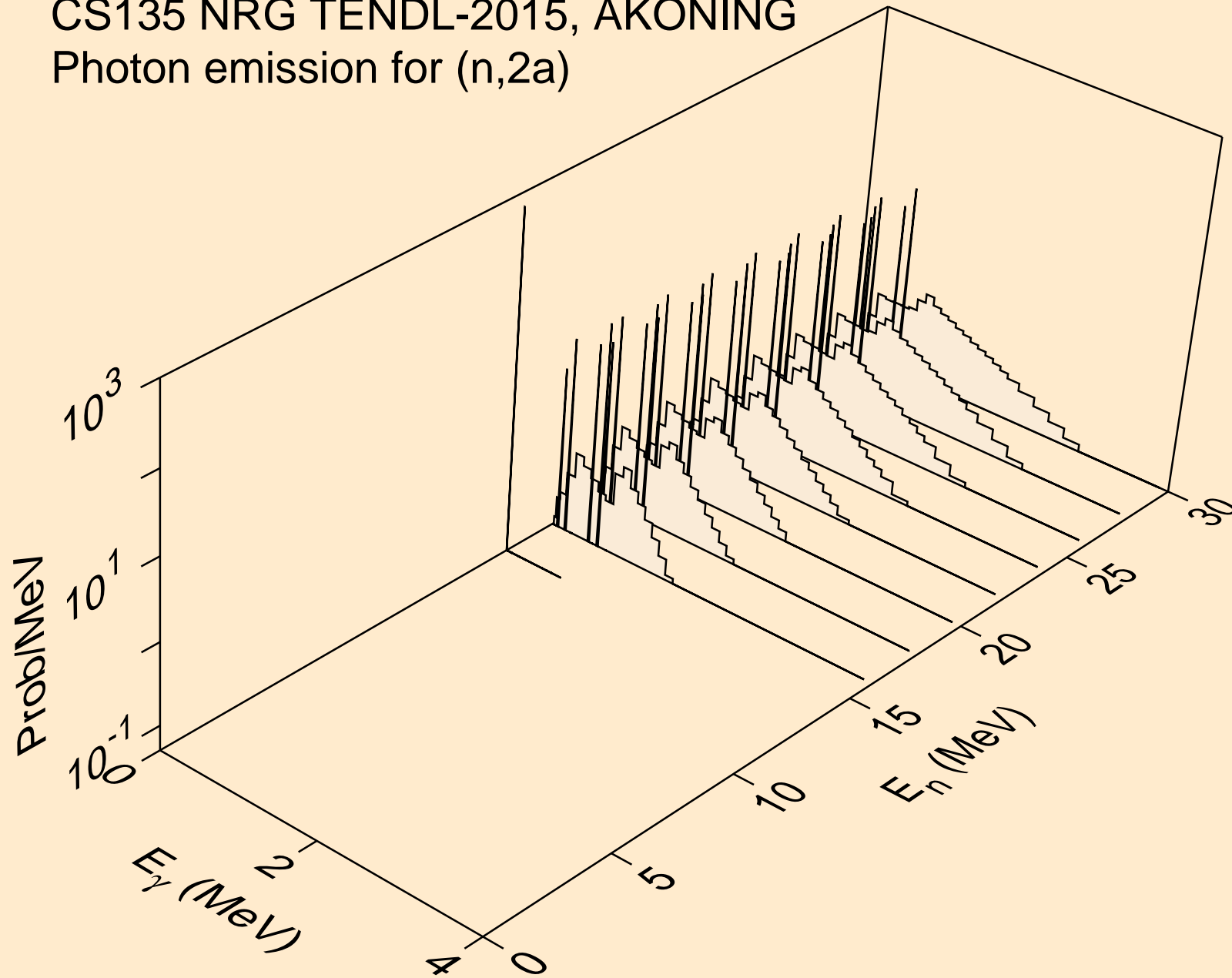
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



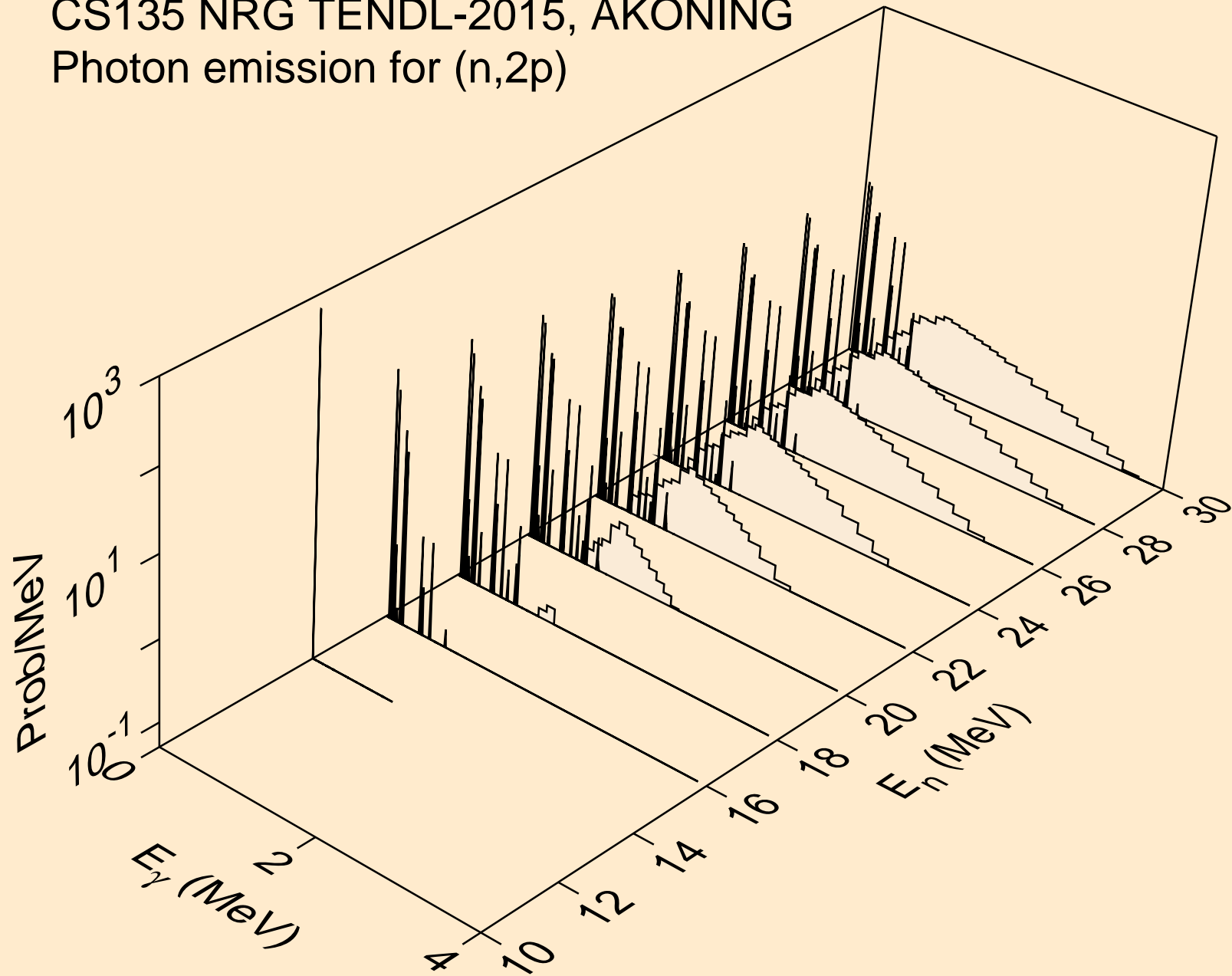
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



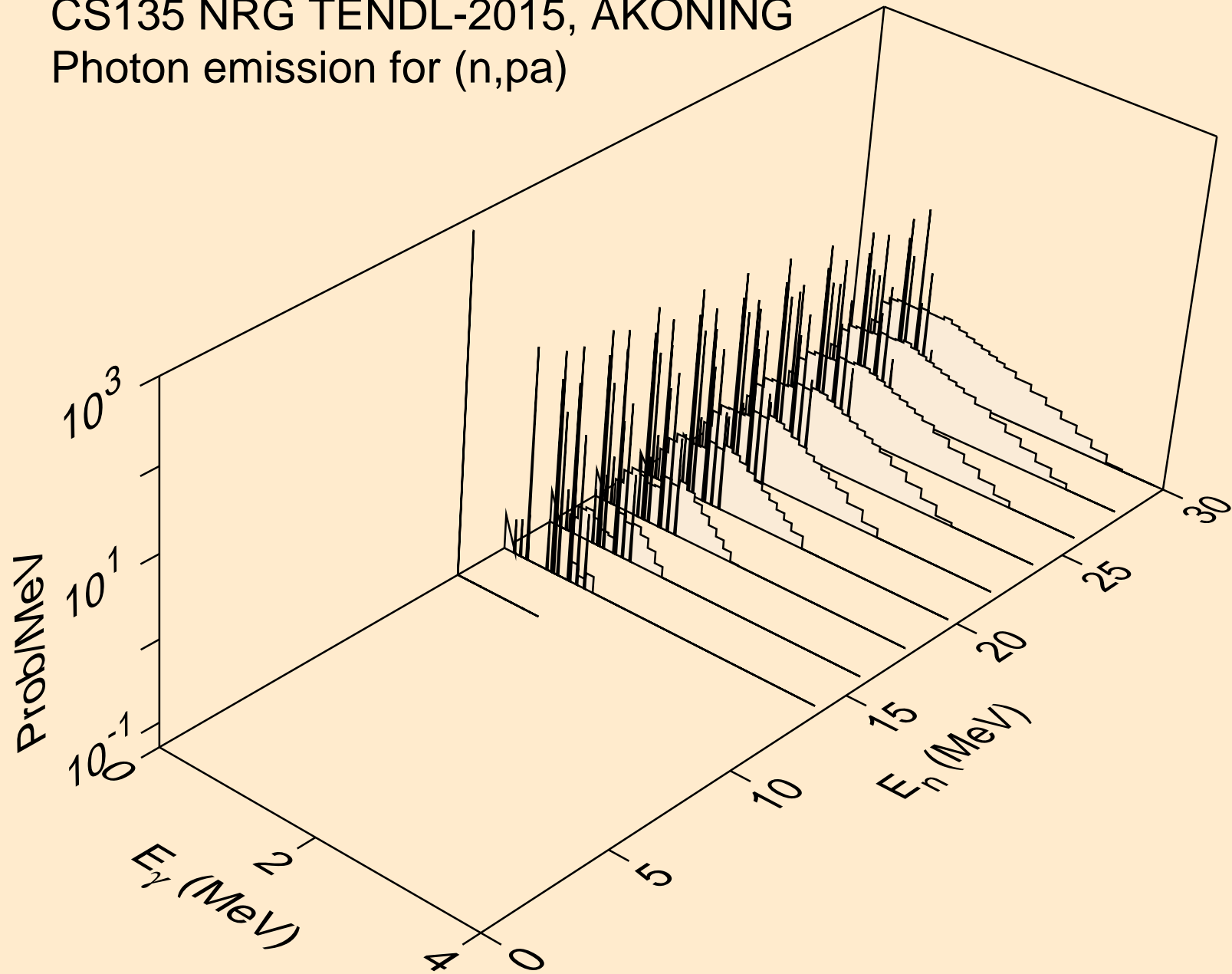
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



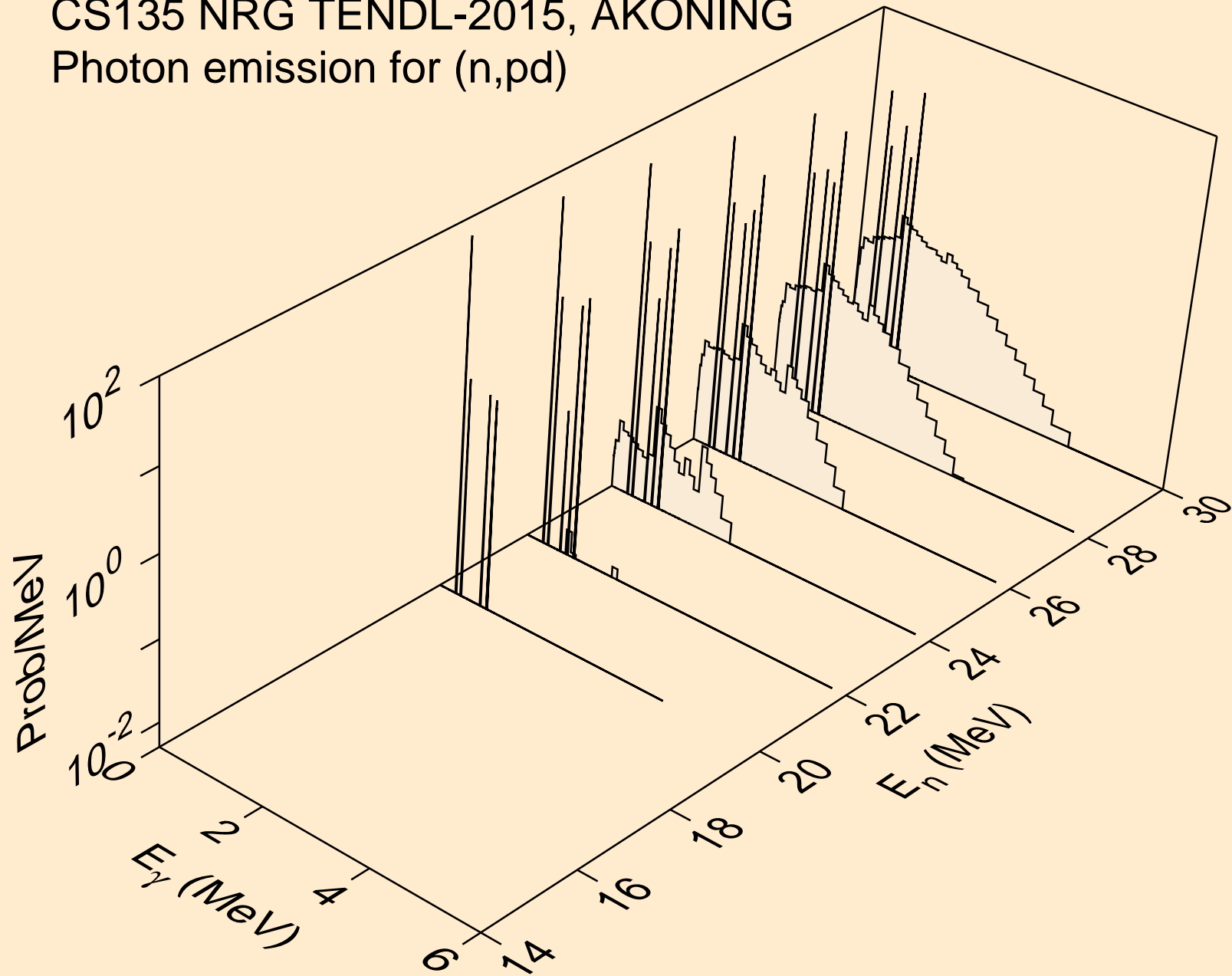
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

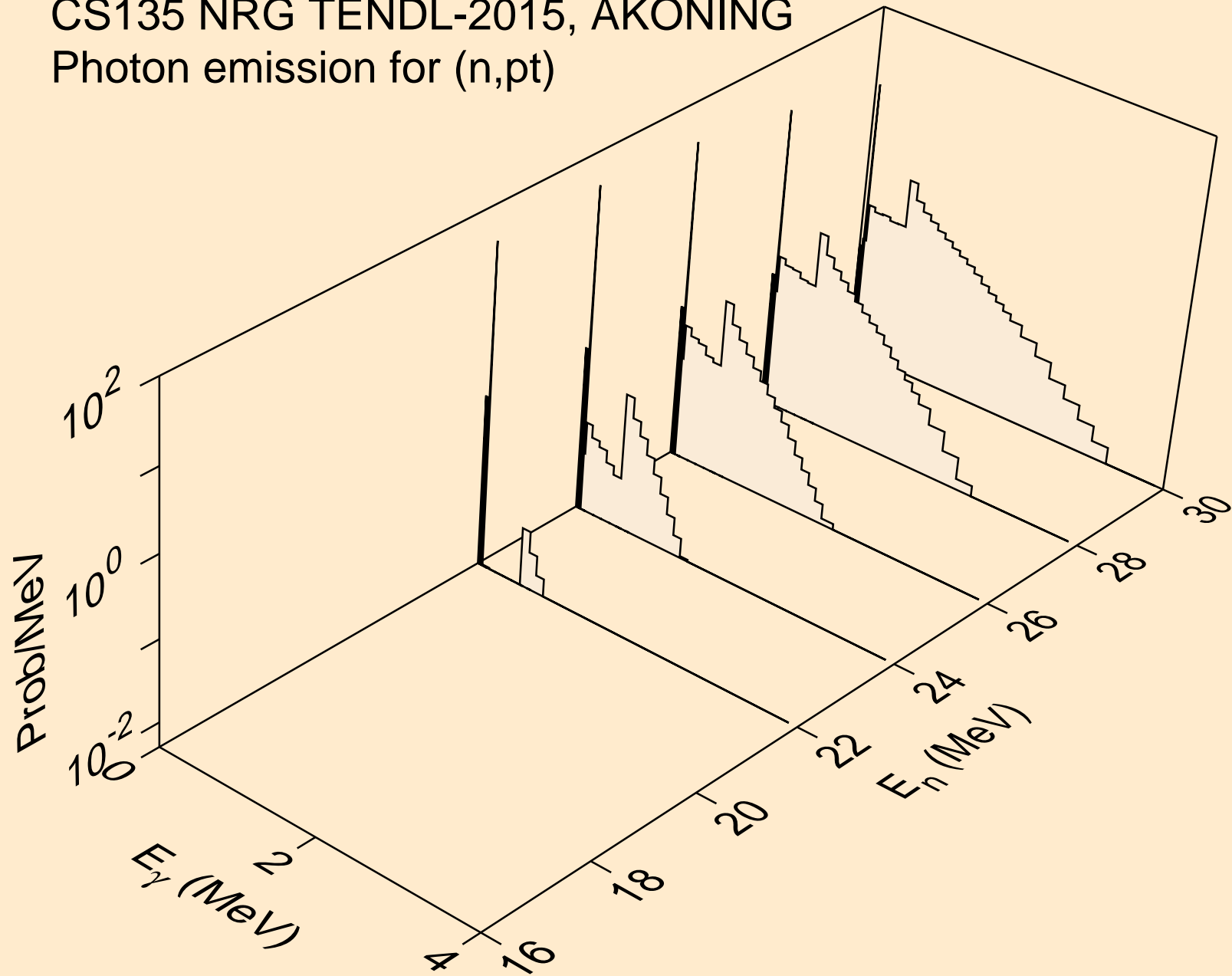


CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

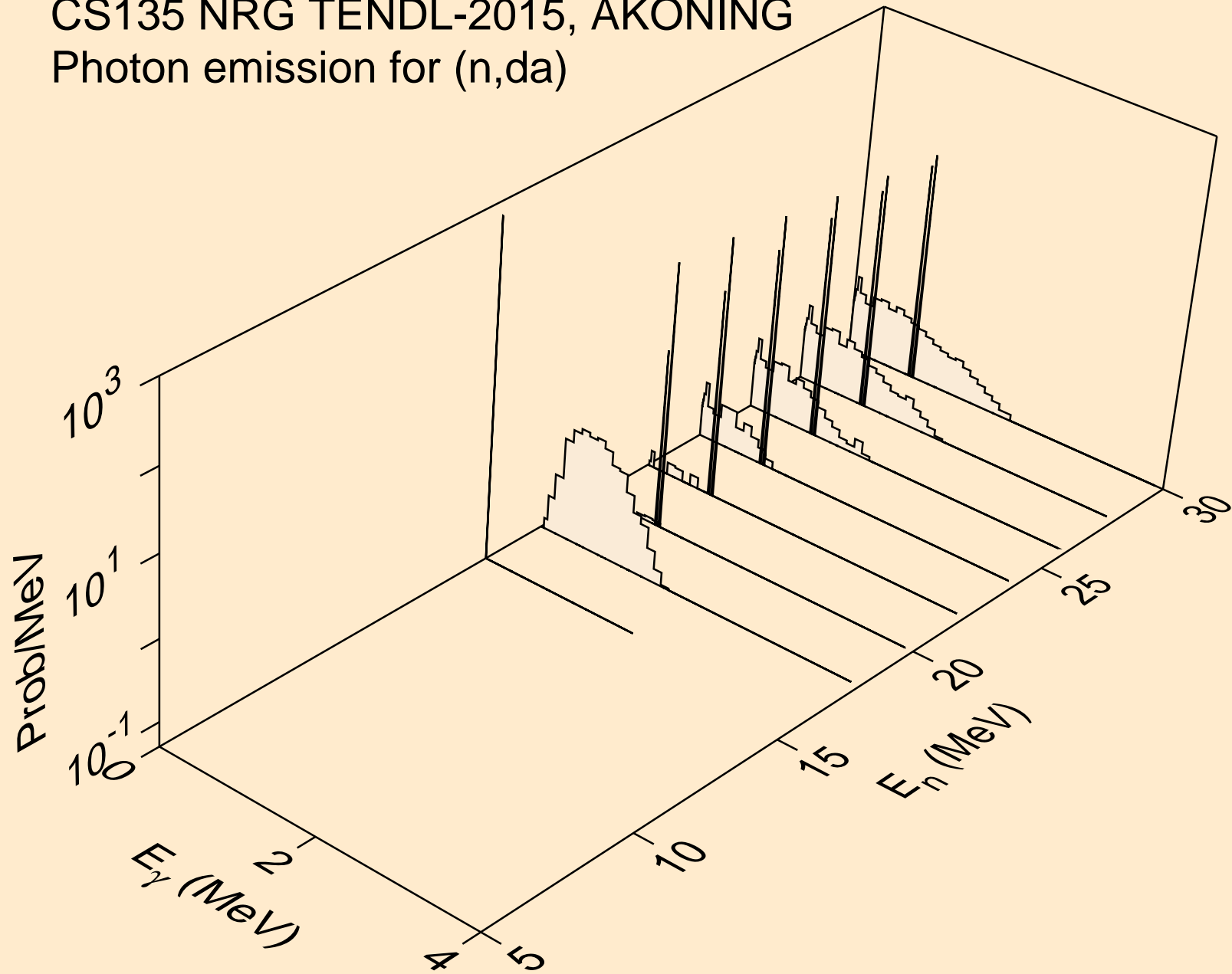




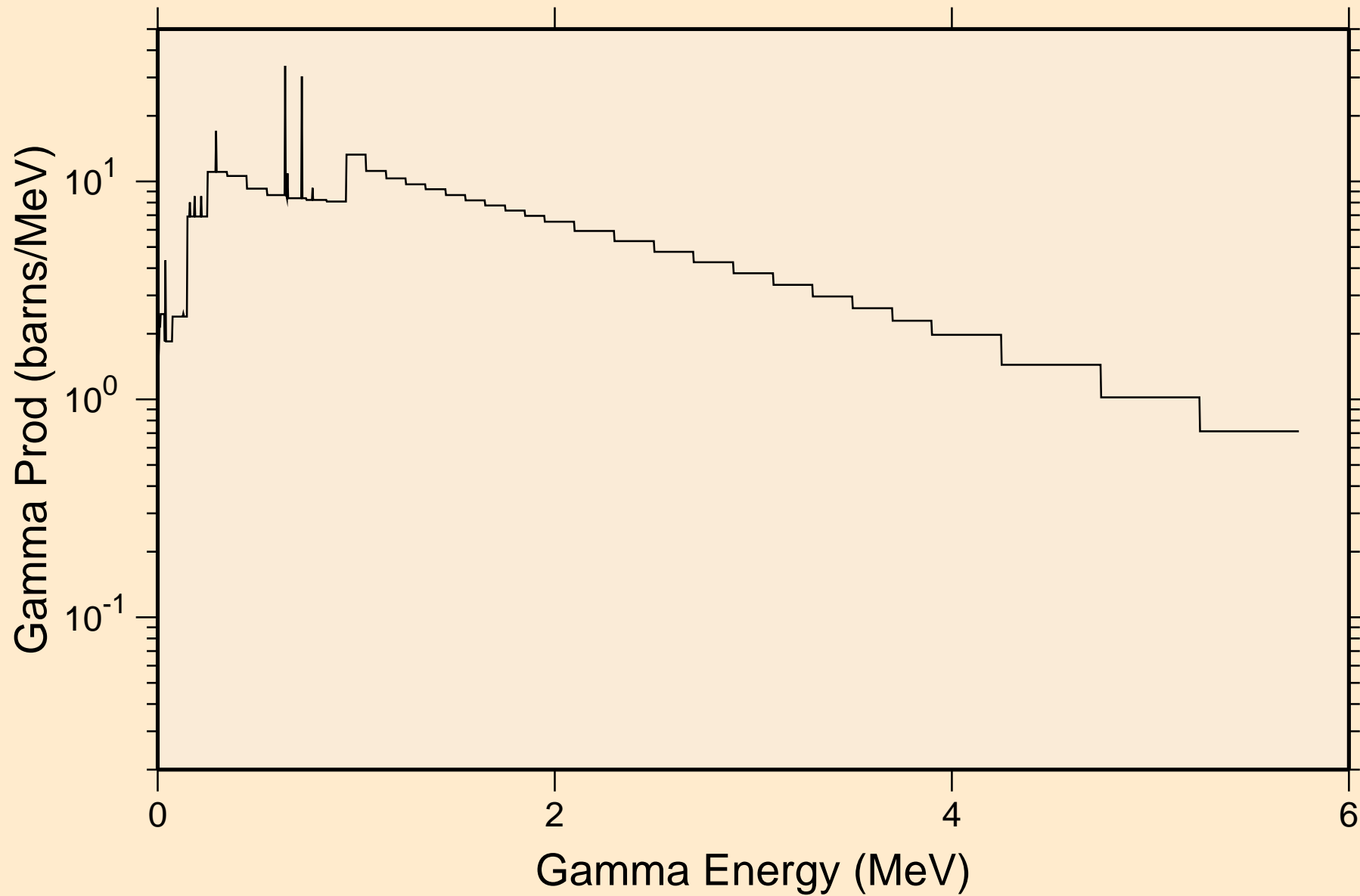
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



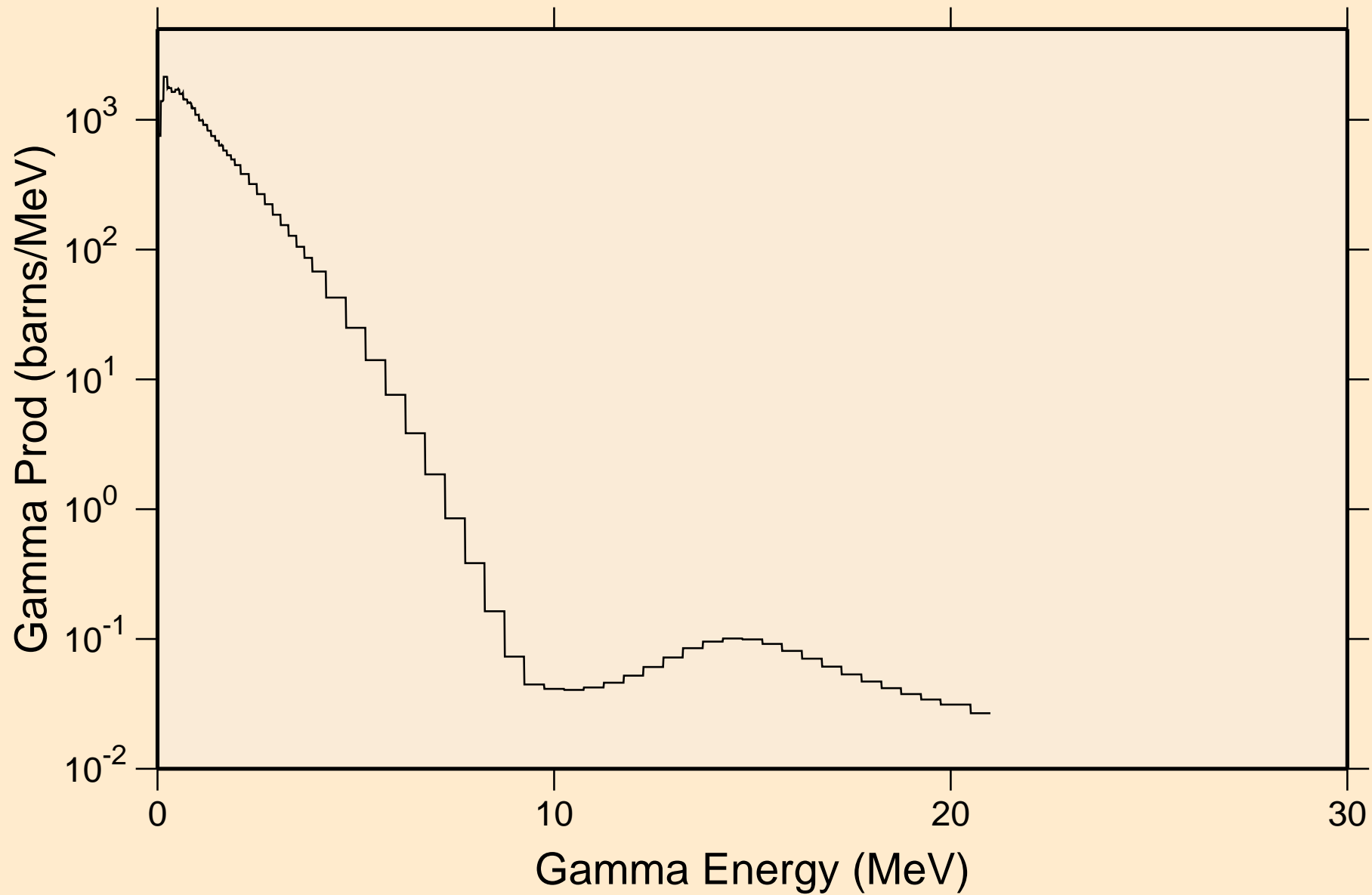
CS135 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CS135 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

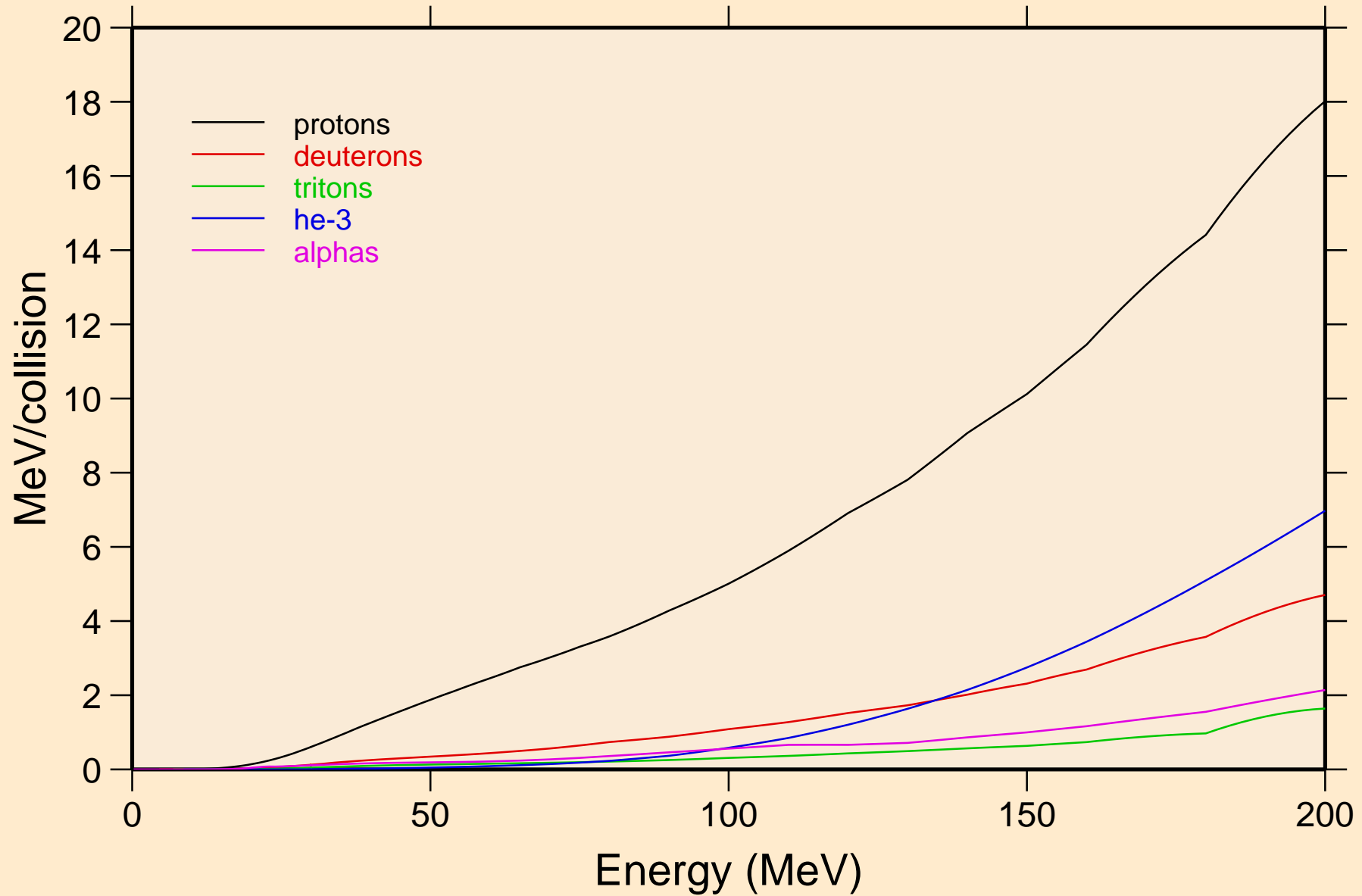


CS135 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



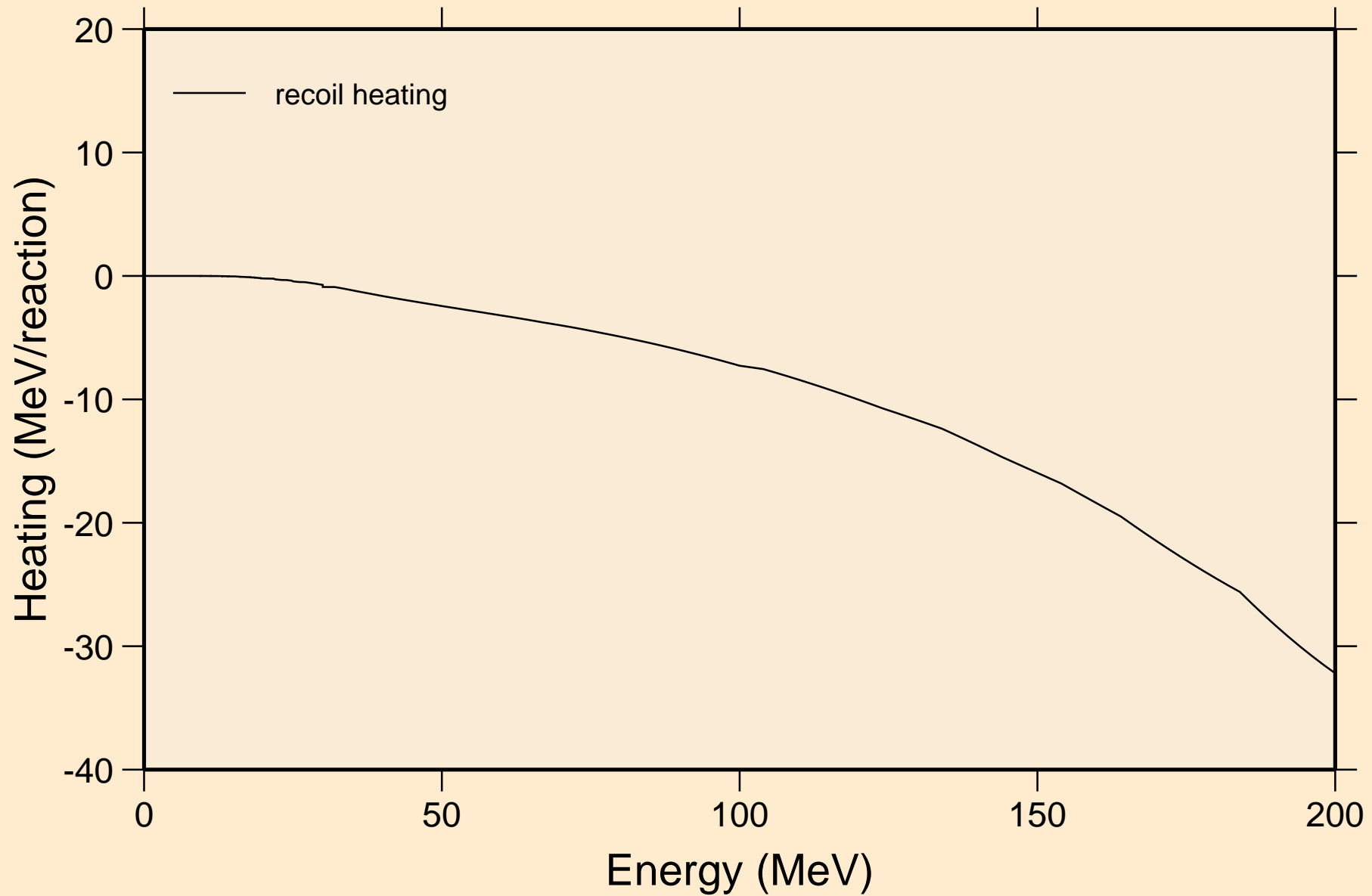
# CS135 NRG TENDL-2015, AKONING

## Particle heating contributions



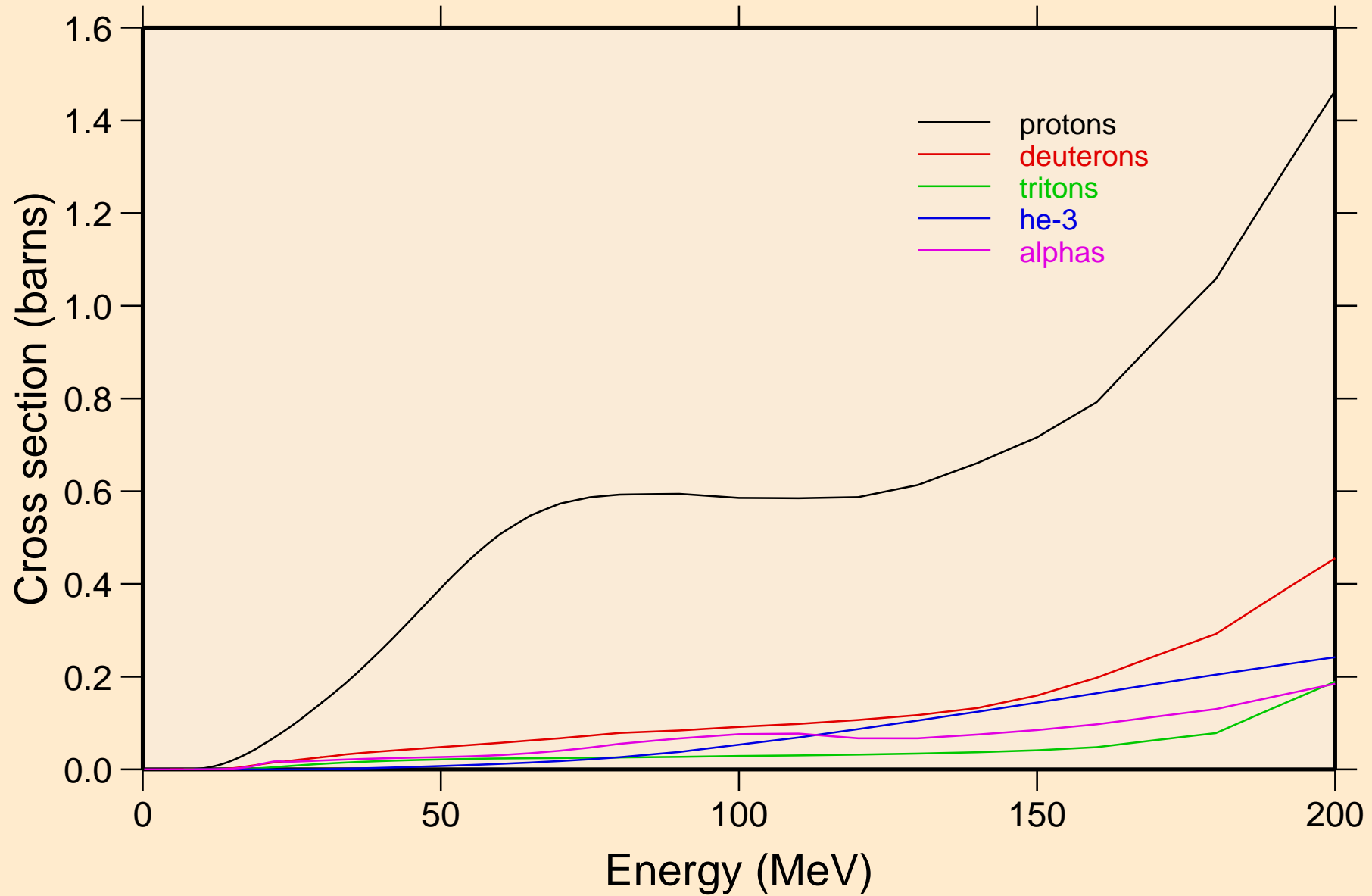
# CS135 NRG TENDL-2015, AKONING

## Recoil Heating

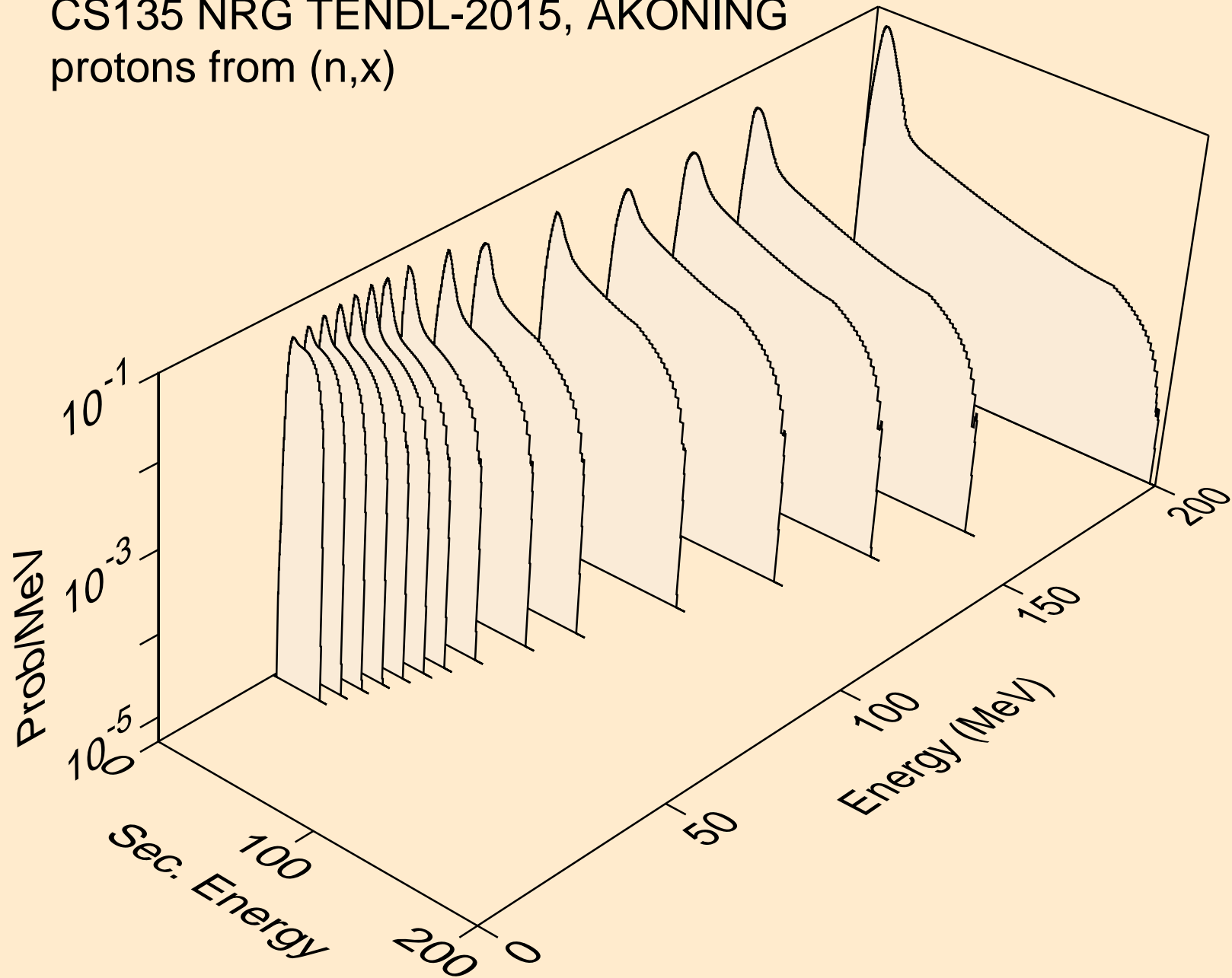


# CS135 NRG TENDL-2015, AKONING

## Particle production cross sections

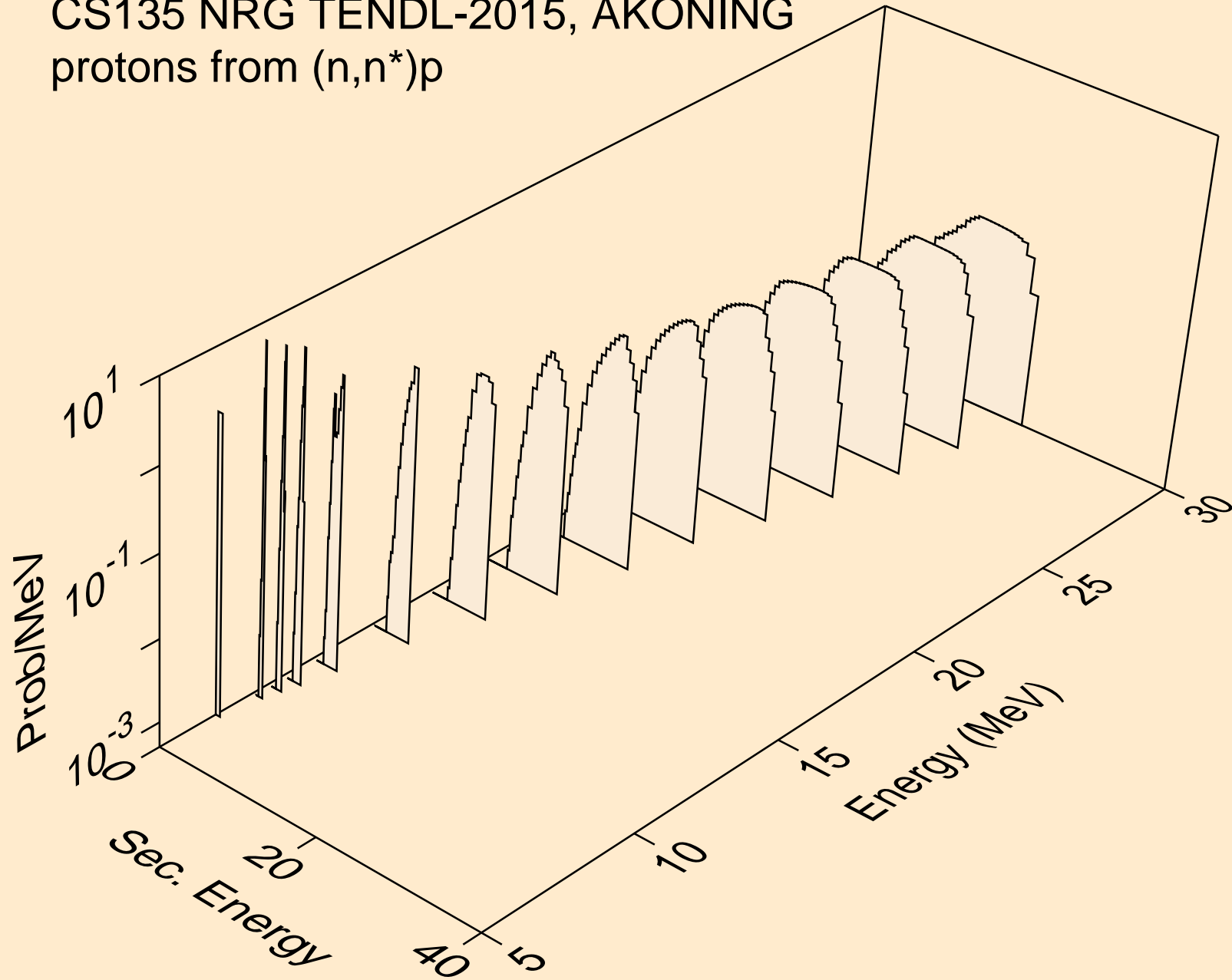


CS135 NRG TENDL-2015, AKONING  
protons from (n,x)

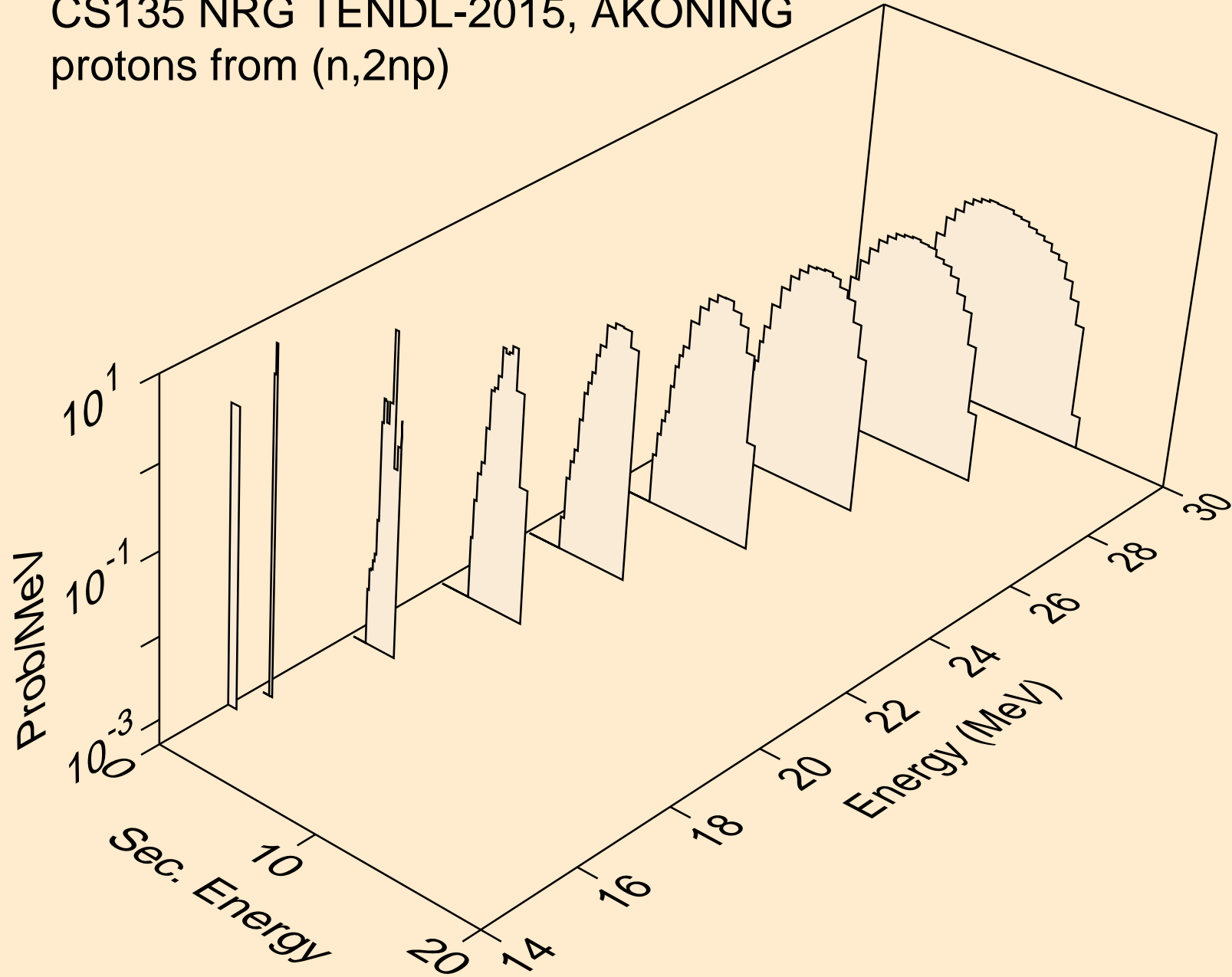




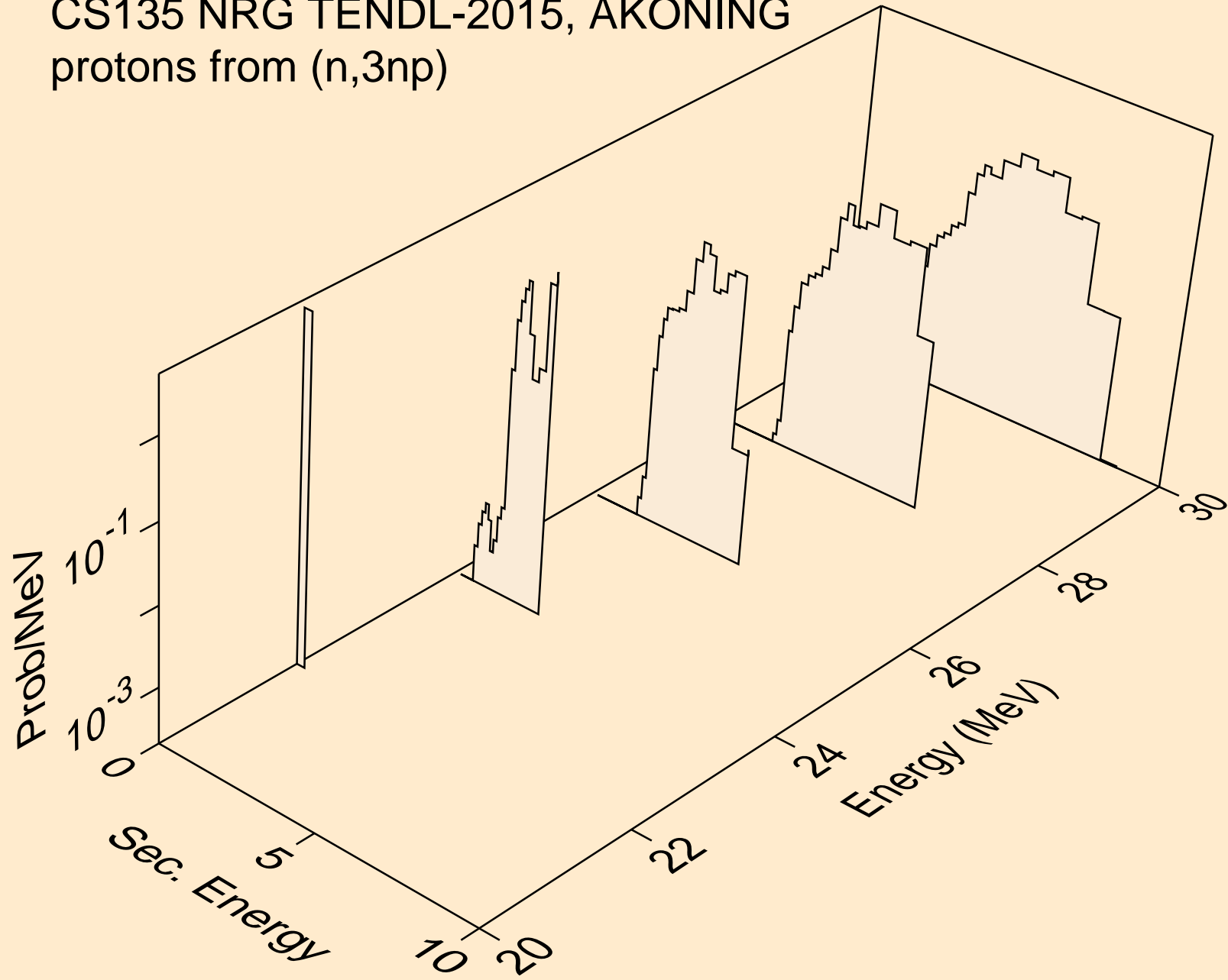
CS135 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



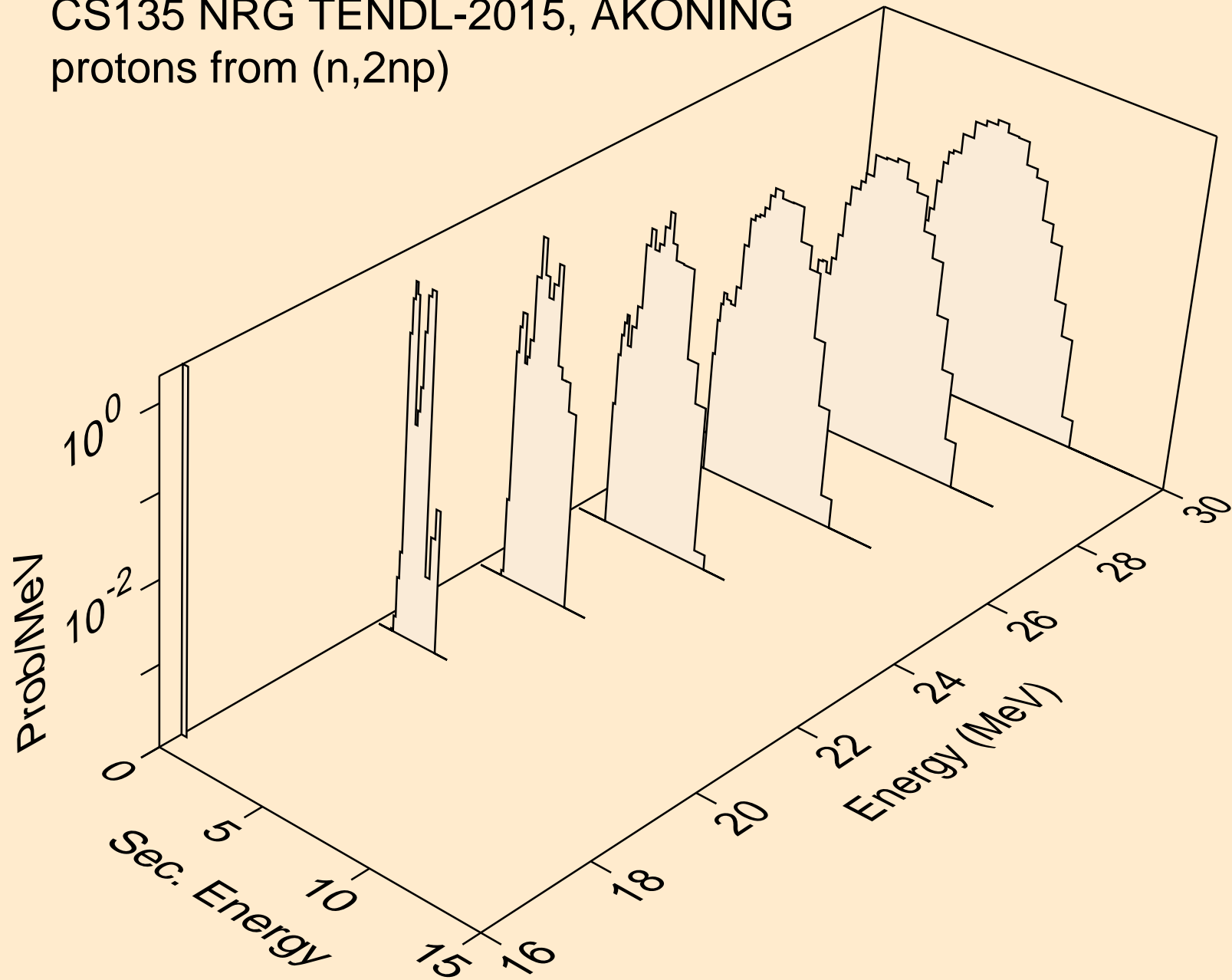
CS135 NRG TENDL-2015, AKONING  
protons from (n,2np)



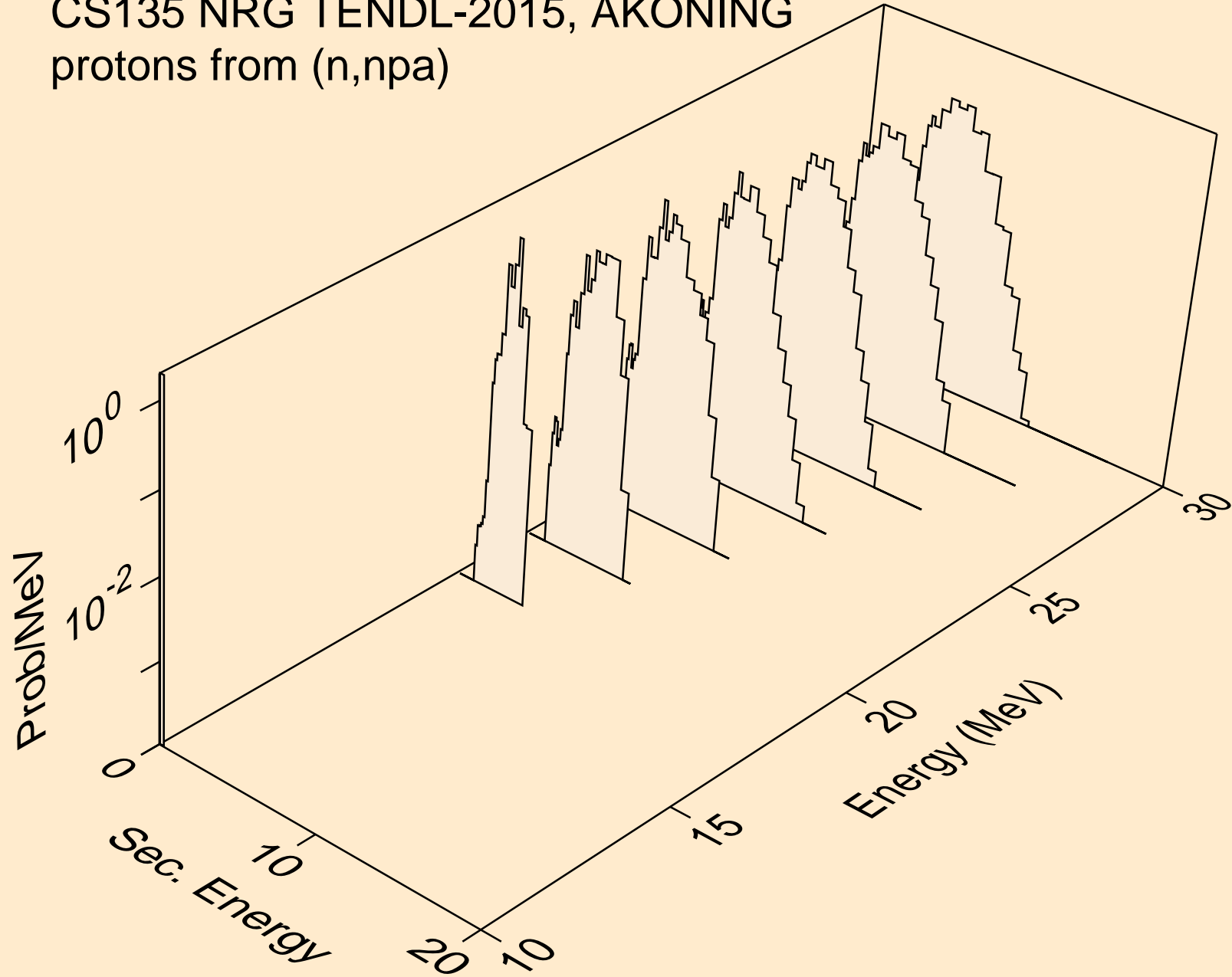
CS135 NRG TENDL-2015, AKONING  
protons from (n,3np)



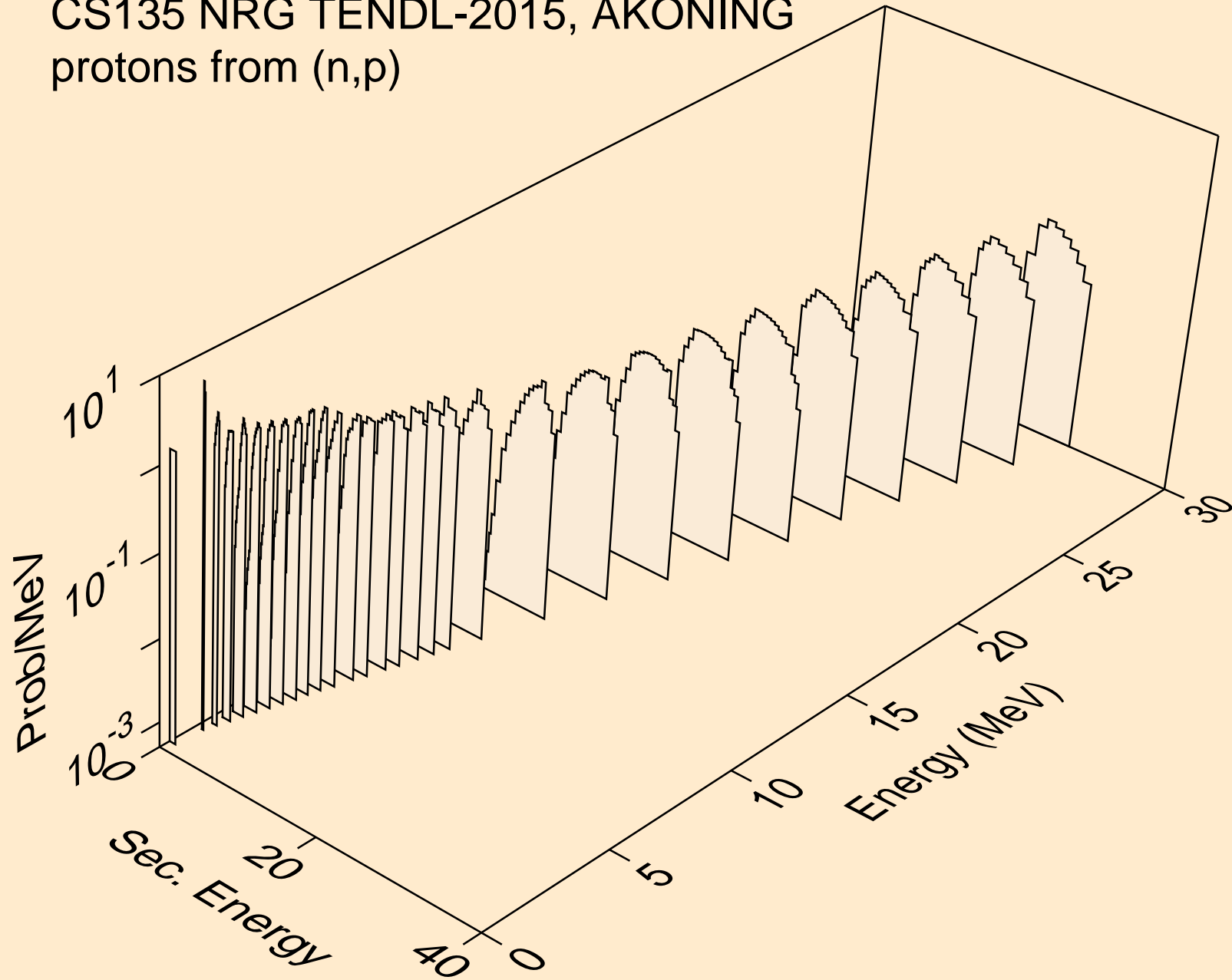
CS135 NRG TENDL-2015, AKONING  
protons from (n,2np)



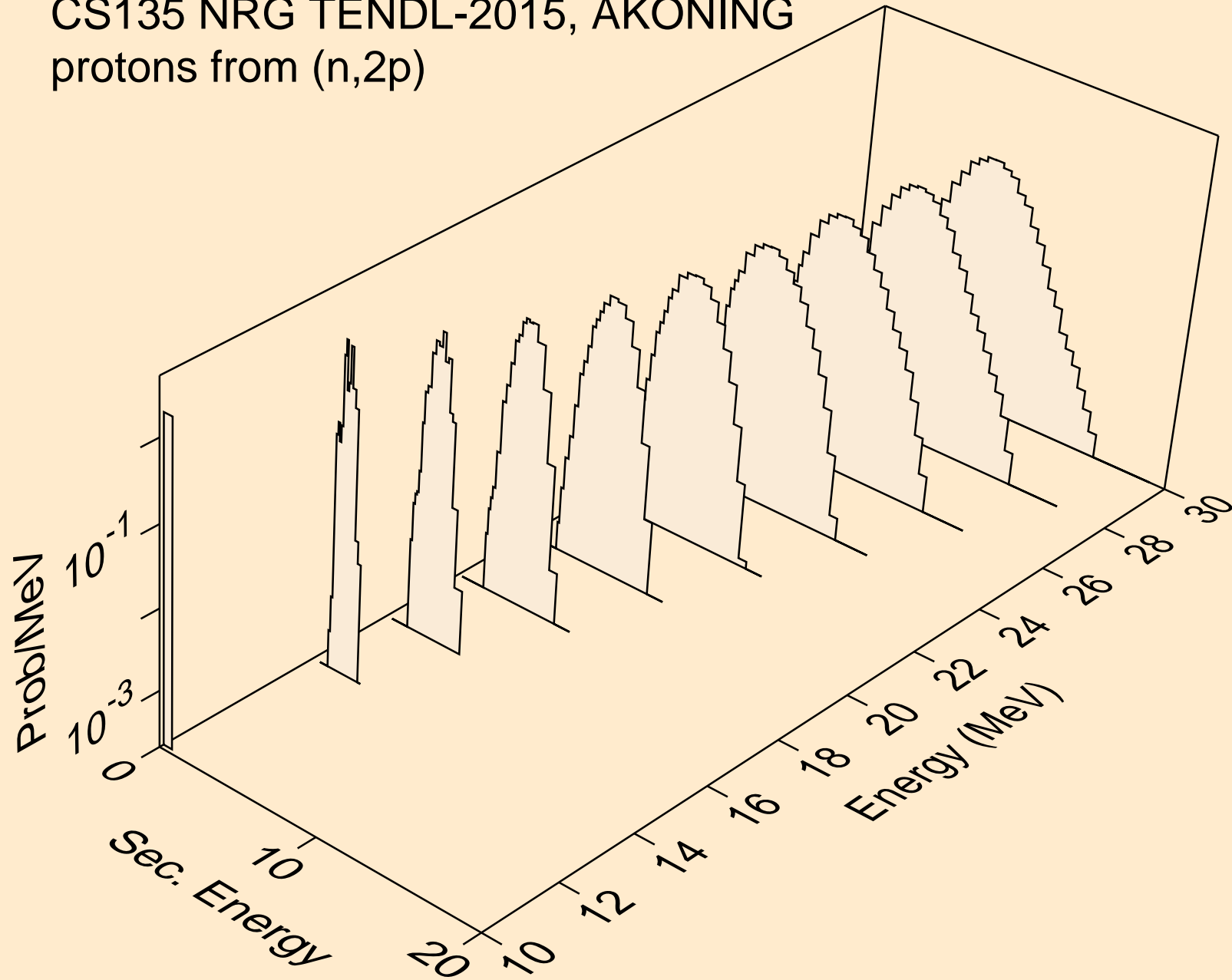
CS135 NRG TENDL-2015, AKONING  
protons from (n,npa)



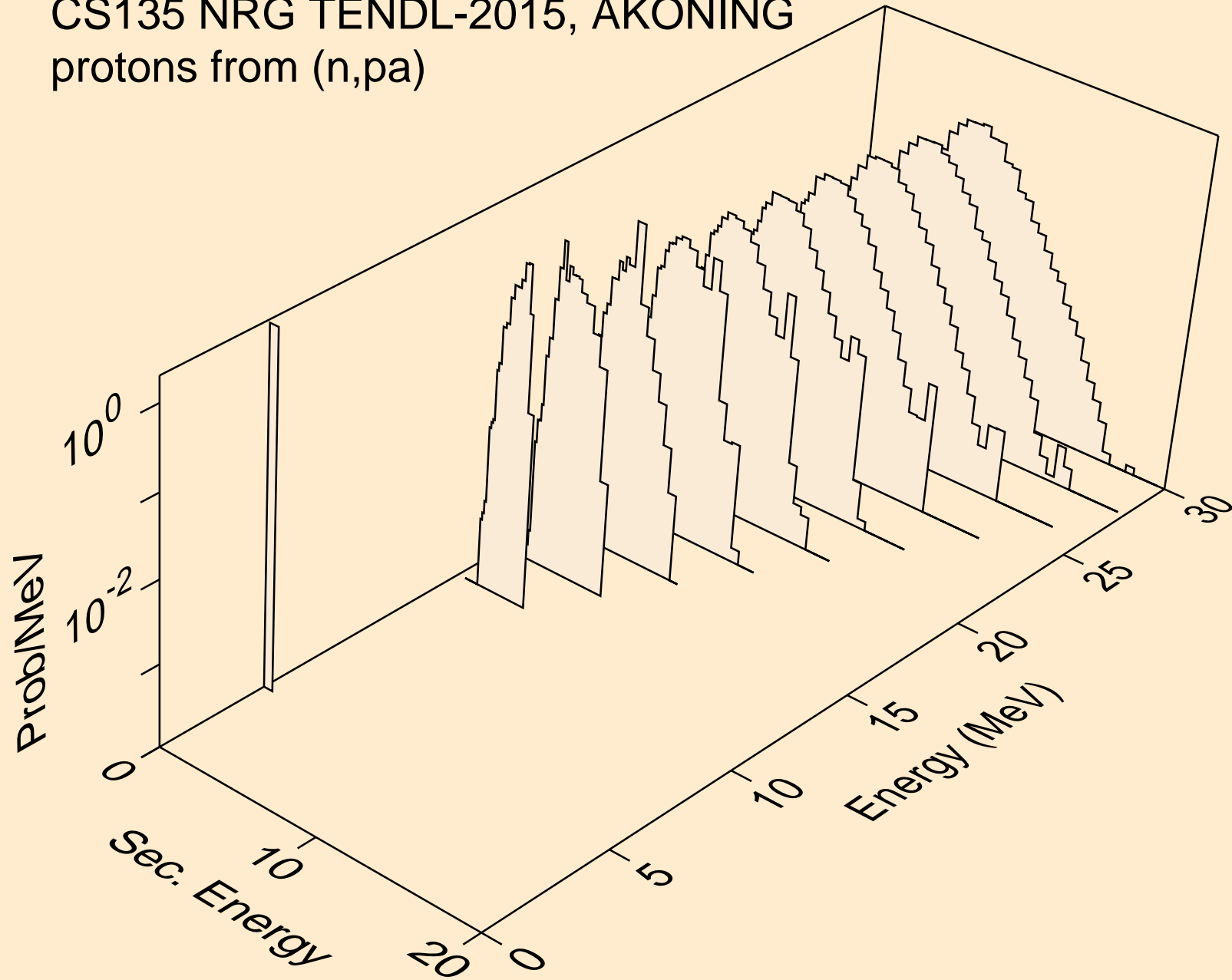
CS135 NRG TENDL-2015, AKONING  
protons from (n,p)



CS135 NRG TENDL-2015, AKONING  
protons from (n,2p)

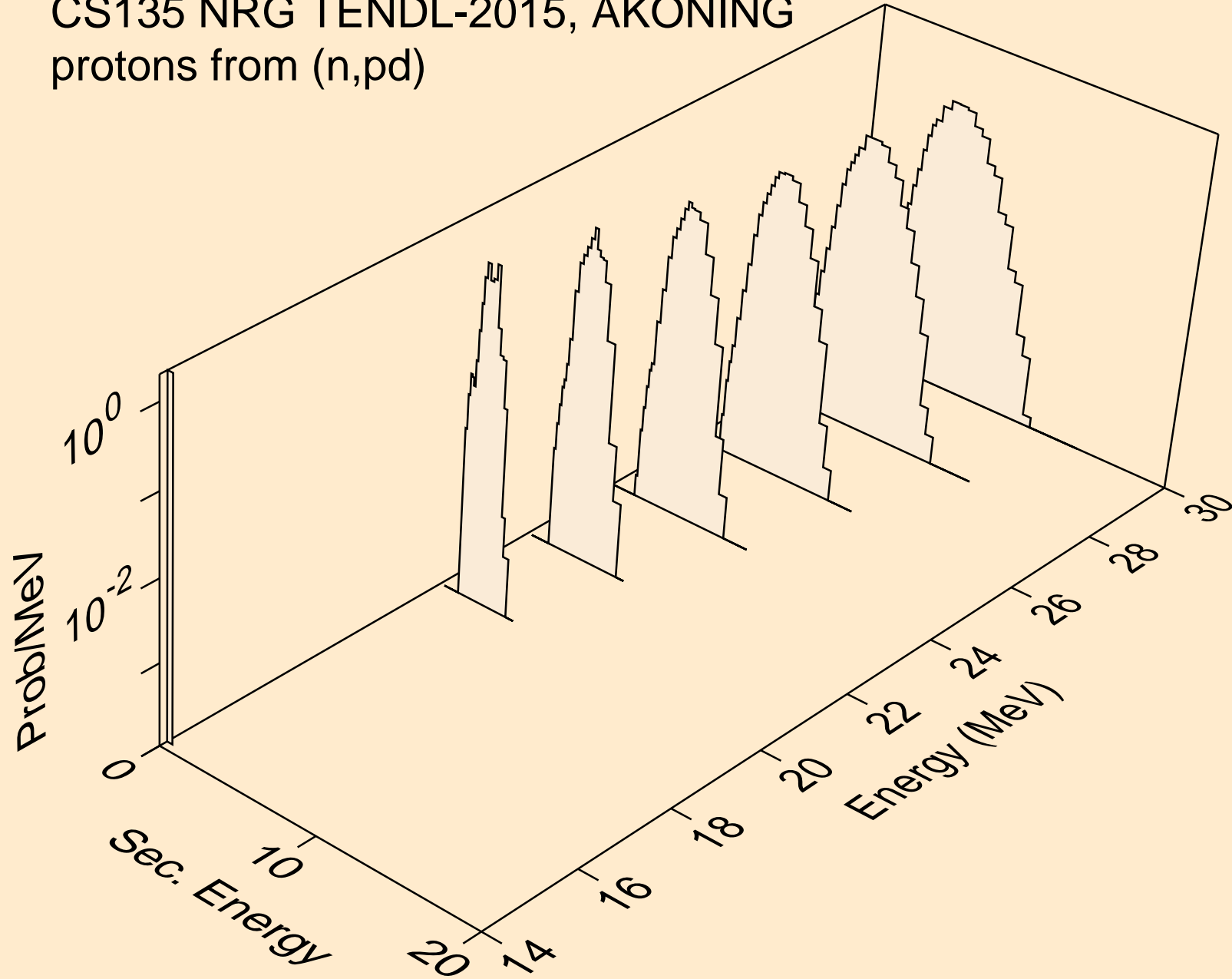


CS135 NRG TENDL-2015, AKONING  
protons from (n,pa)

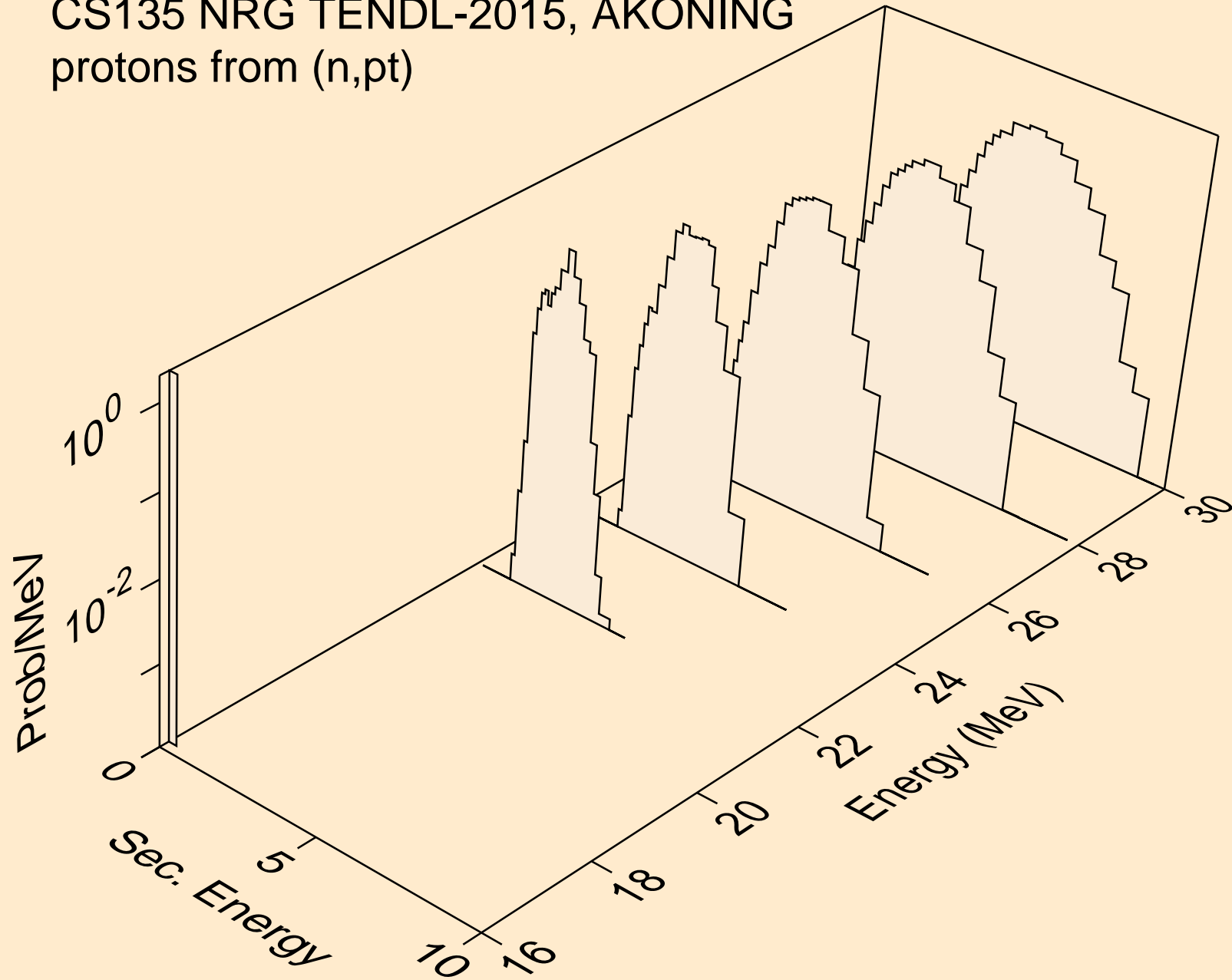




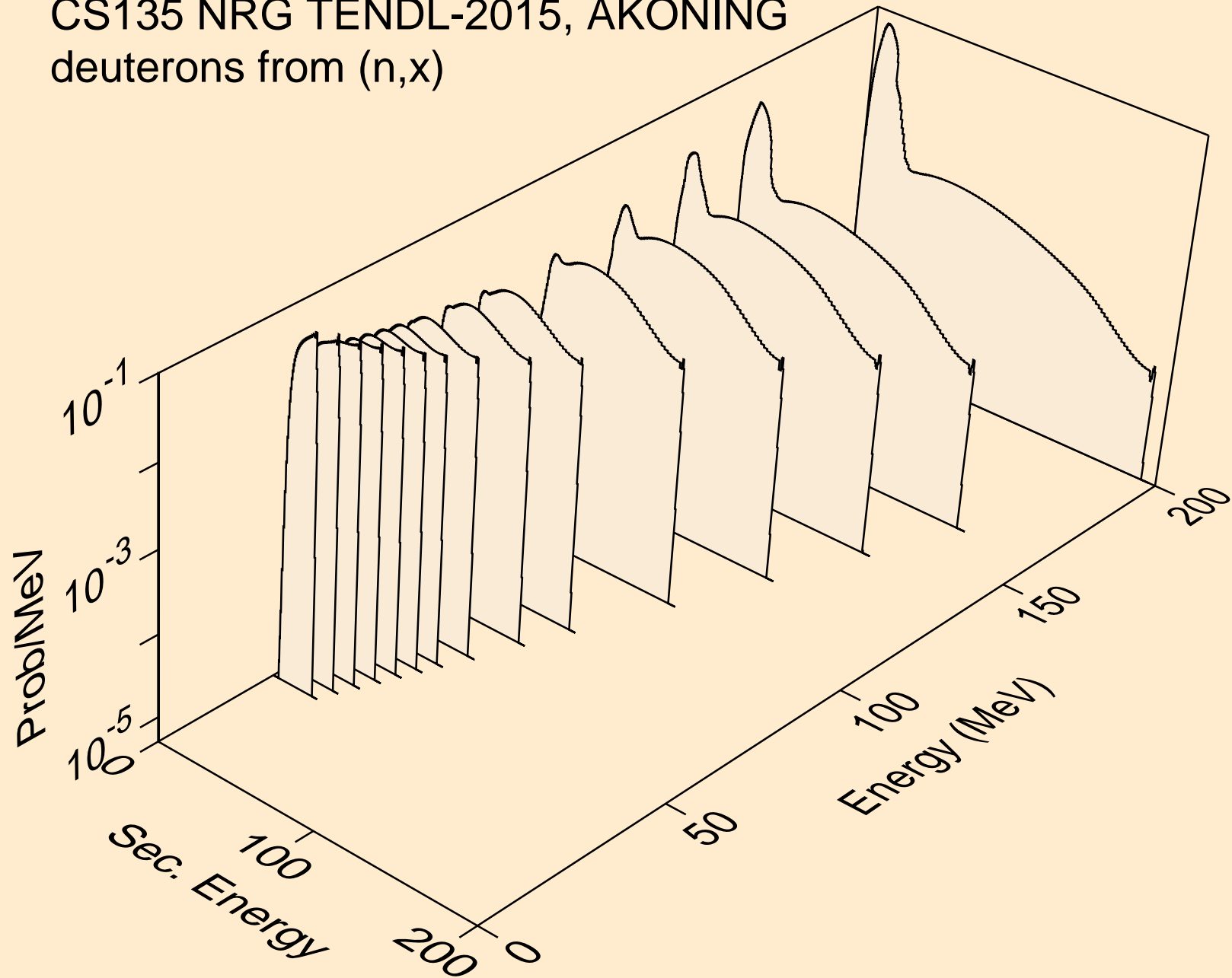
CS135 NRG TENDL-2015, AKONING  
protons from (n,pd)



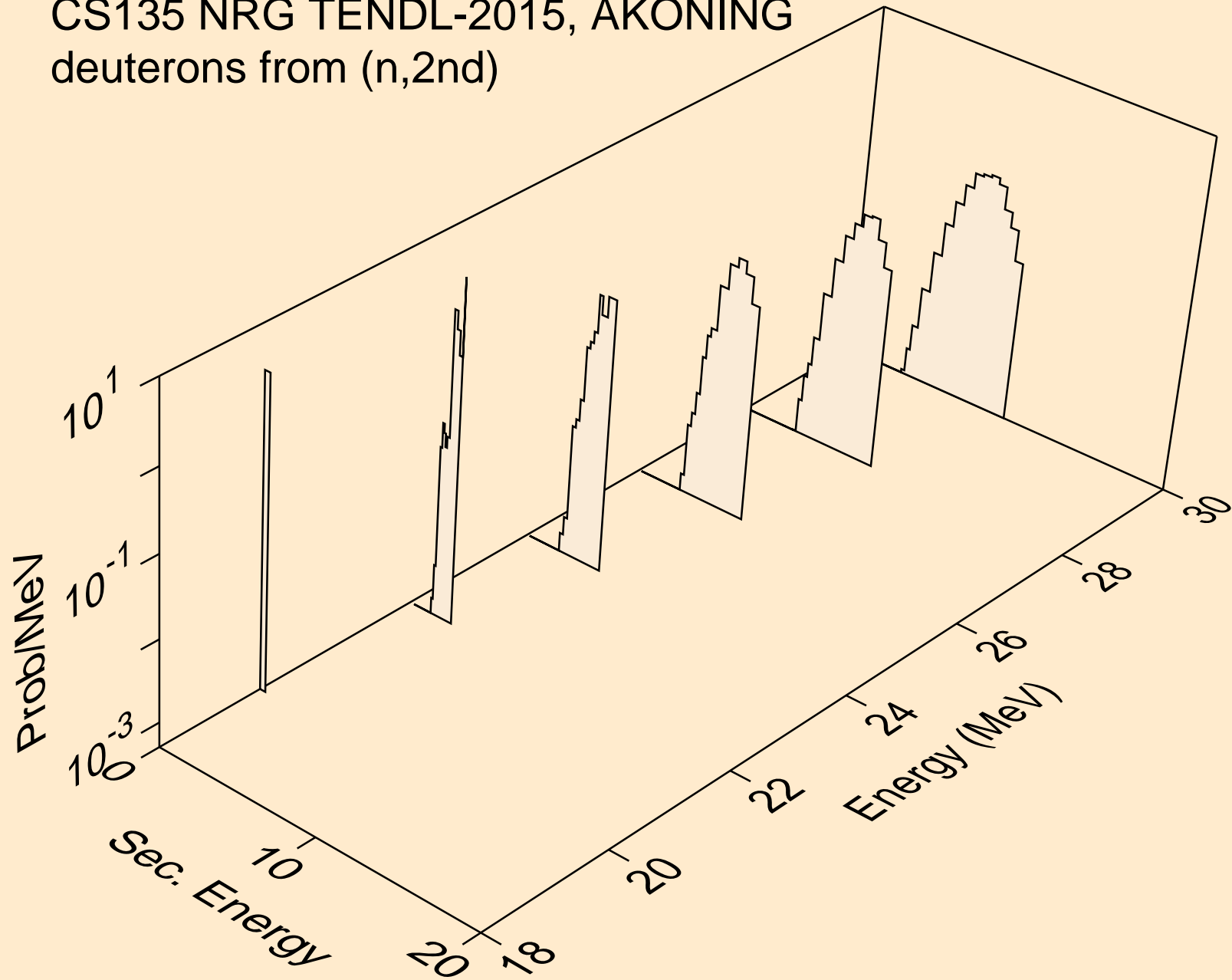
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protons from (n,pt)



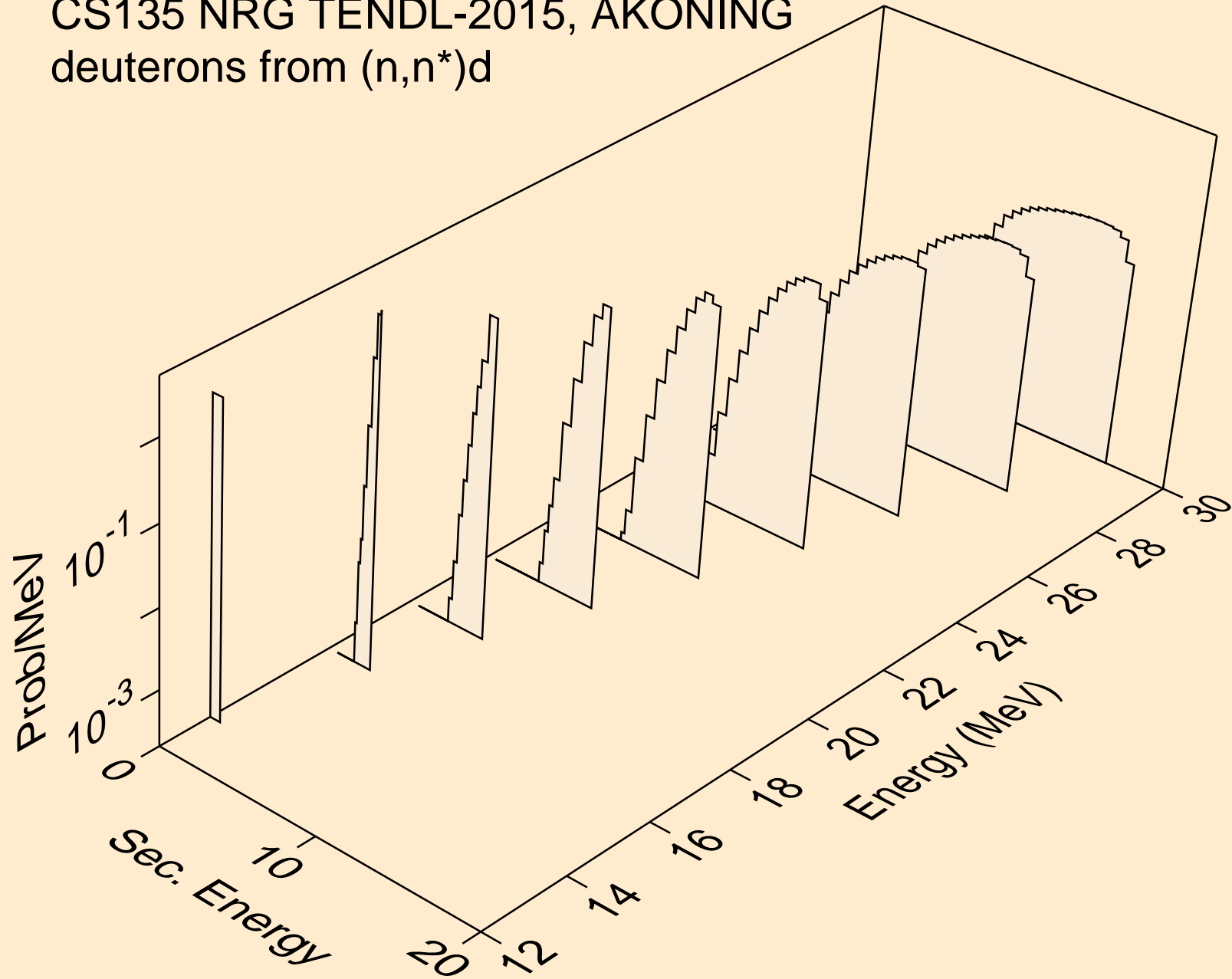
CS135 NRG TENDL-2015, AKONING  
deuterons from (n,x)



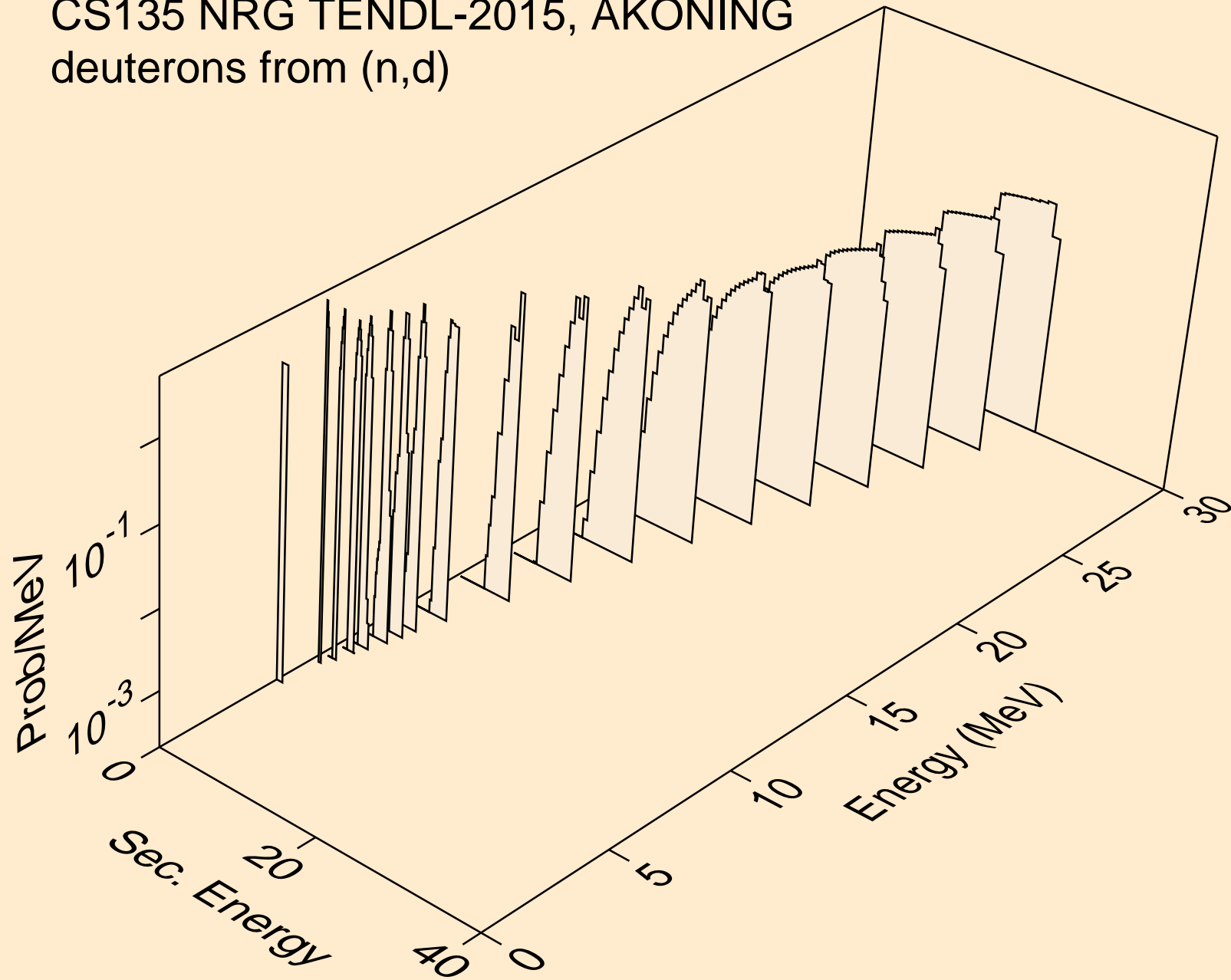
CS135 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



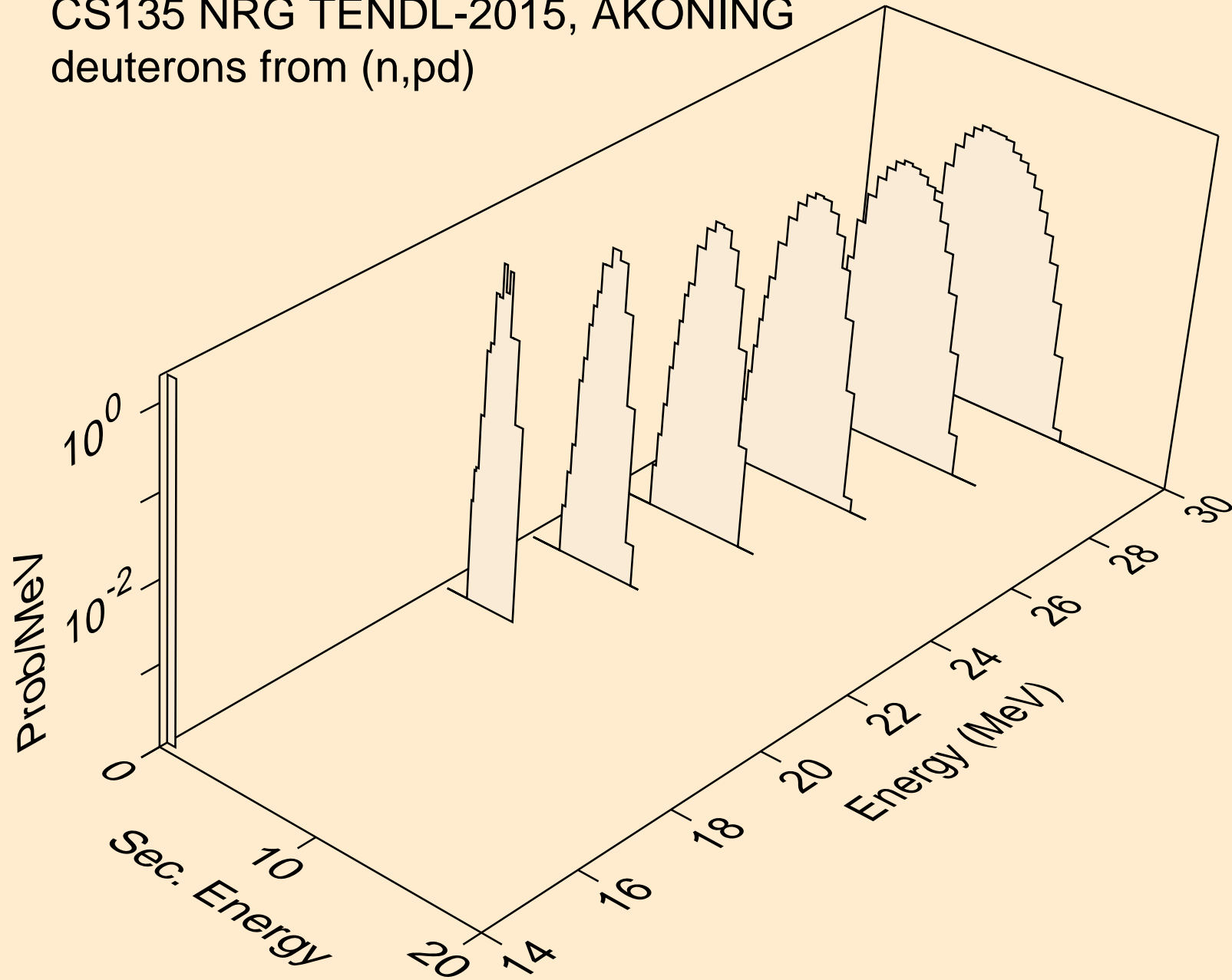
CS135 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



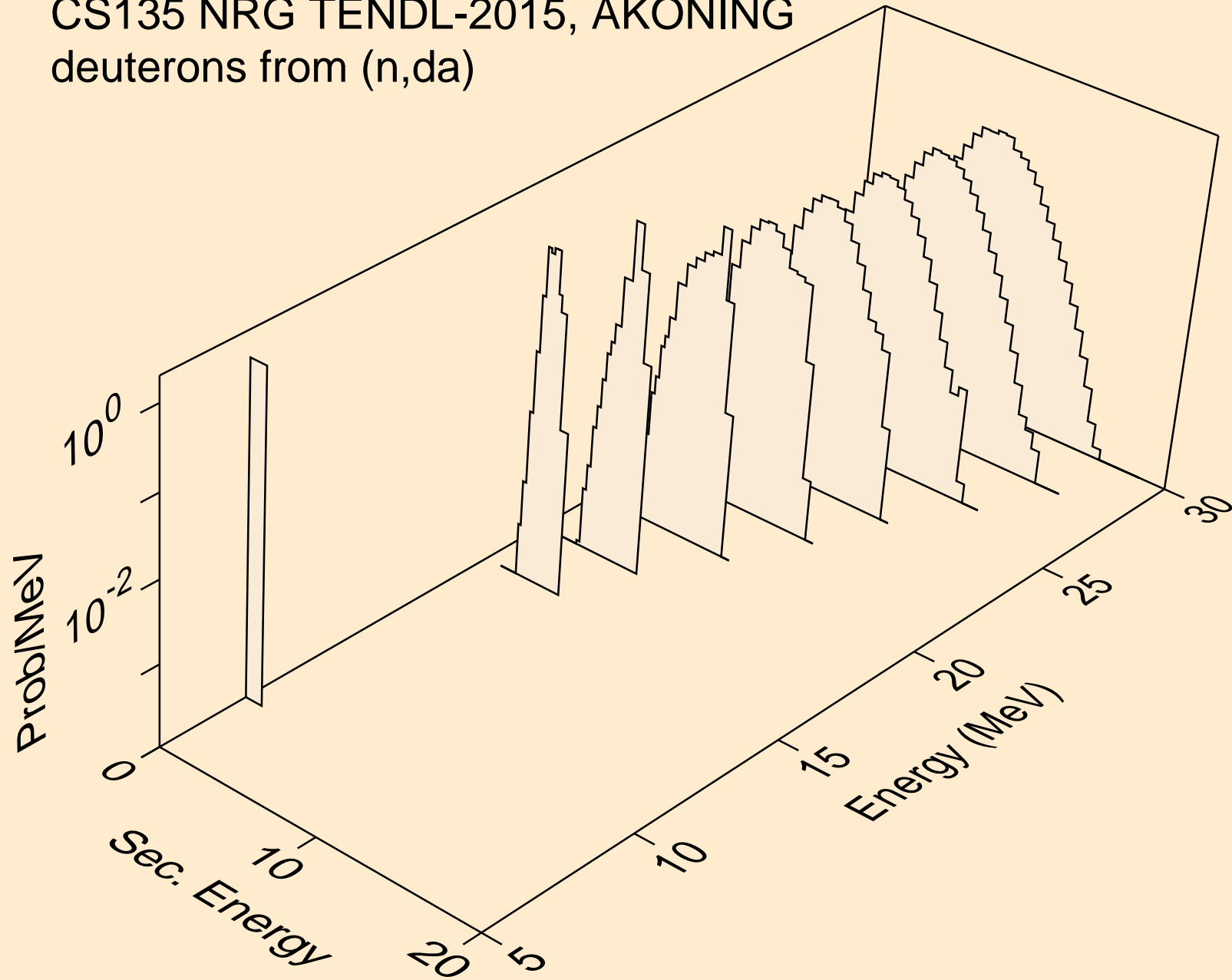
CS135 NRG TENDL-2015, AKONING  
deuterons from (n,d)



CS135 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

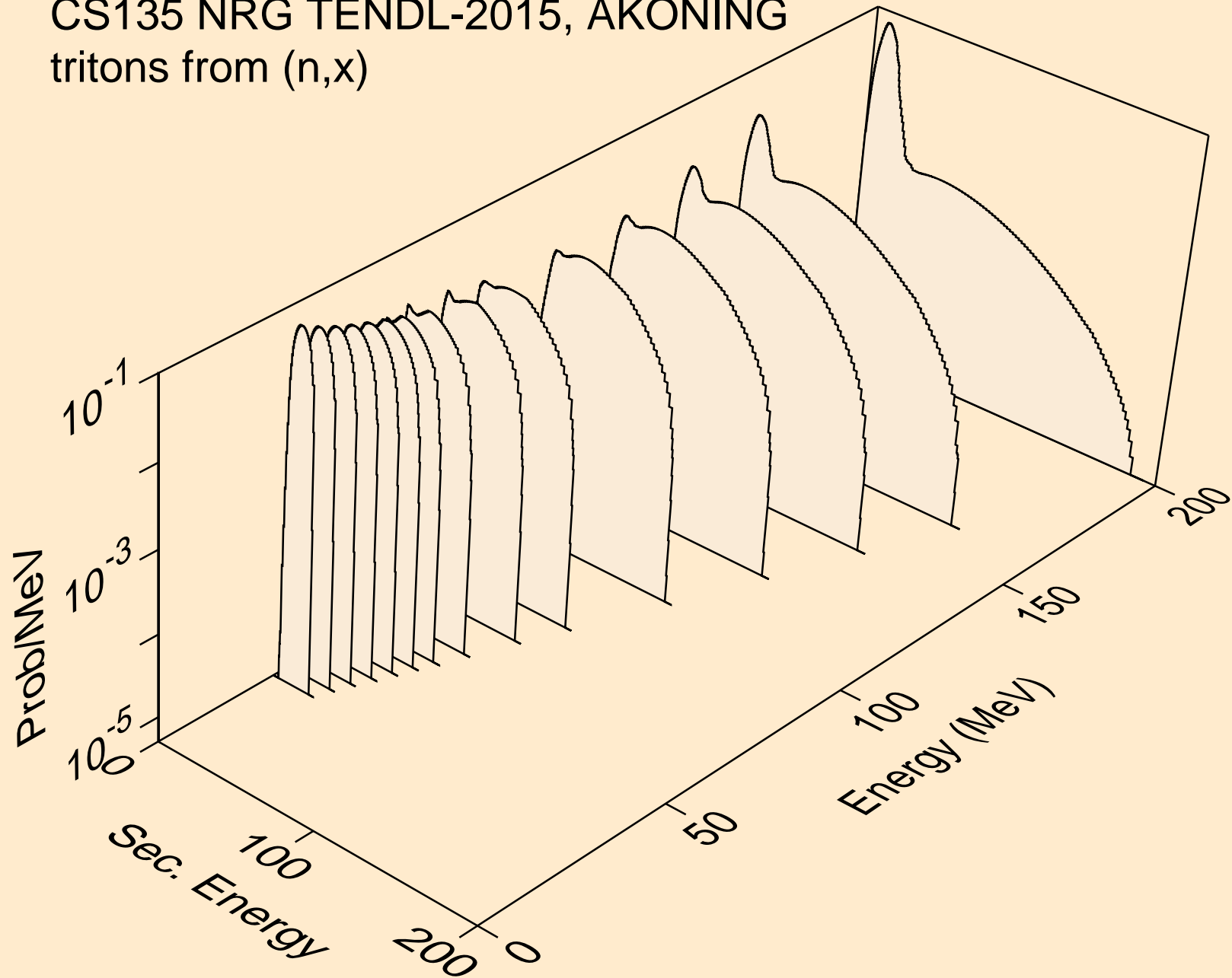


CS135 NRG TENDL-2015, AKONING  
deuterons from (n,da)

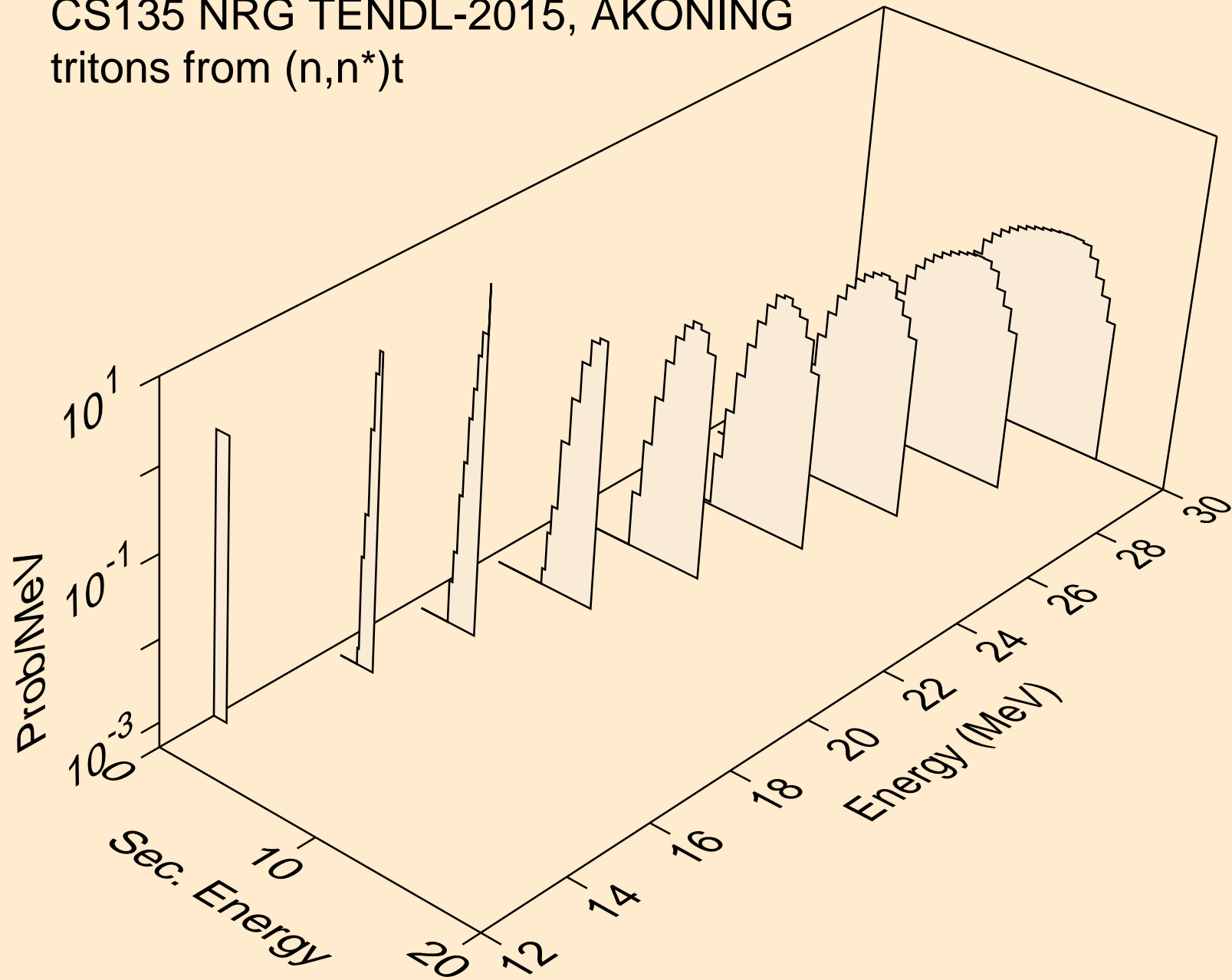




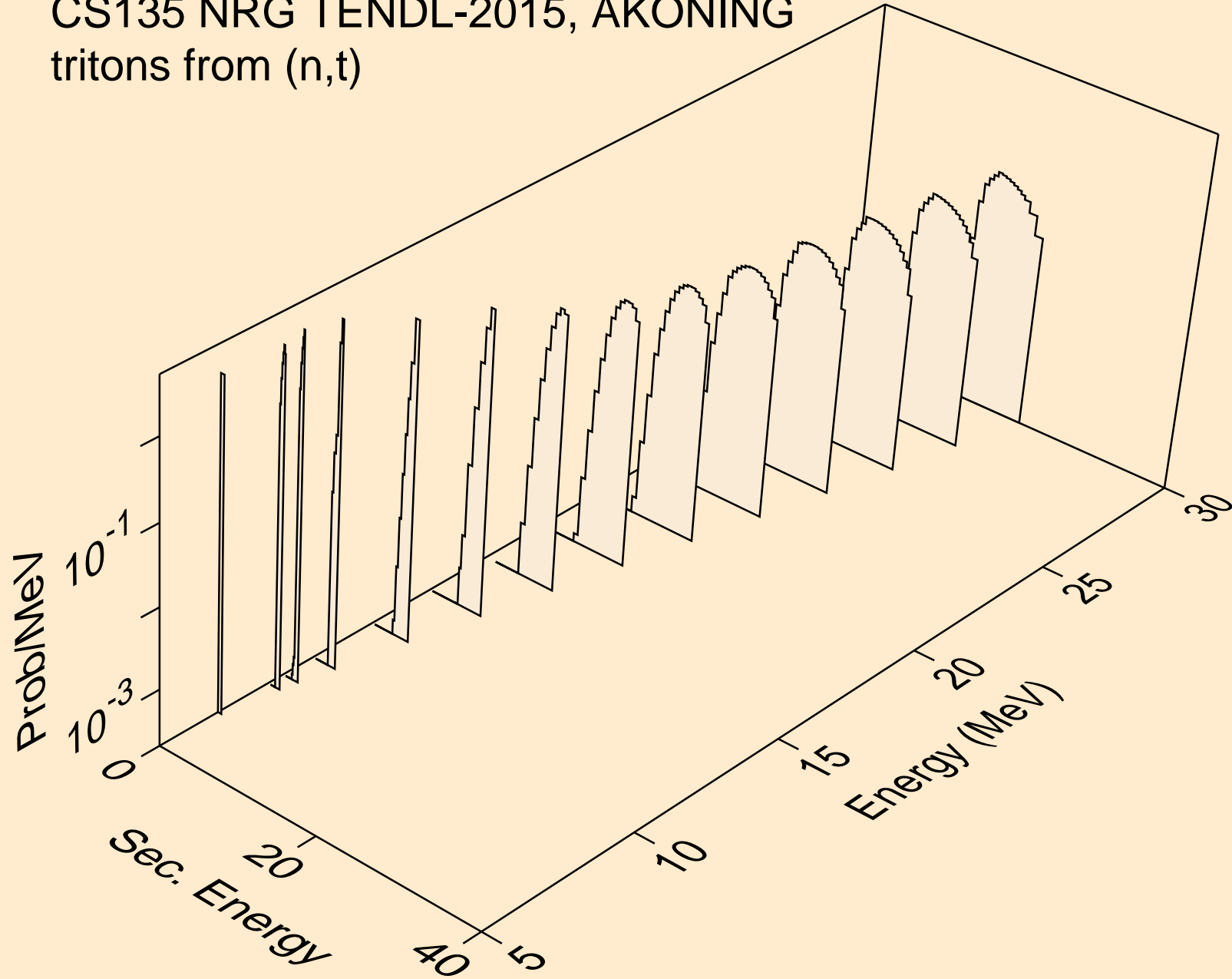
CS135 NRG TENDL-2015, AKONING  
tritons from (n,x)



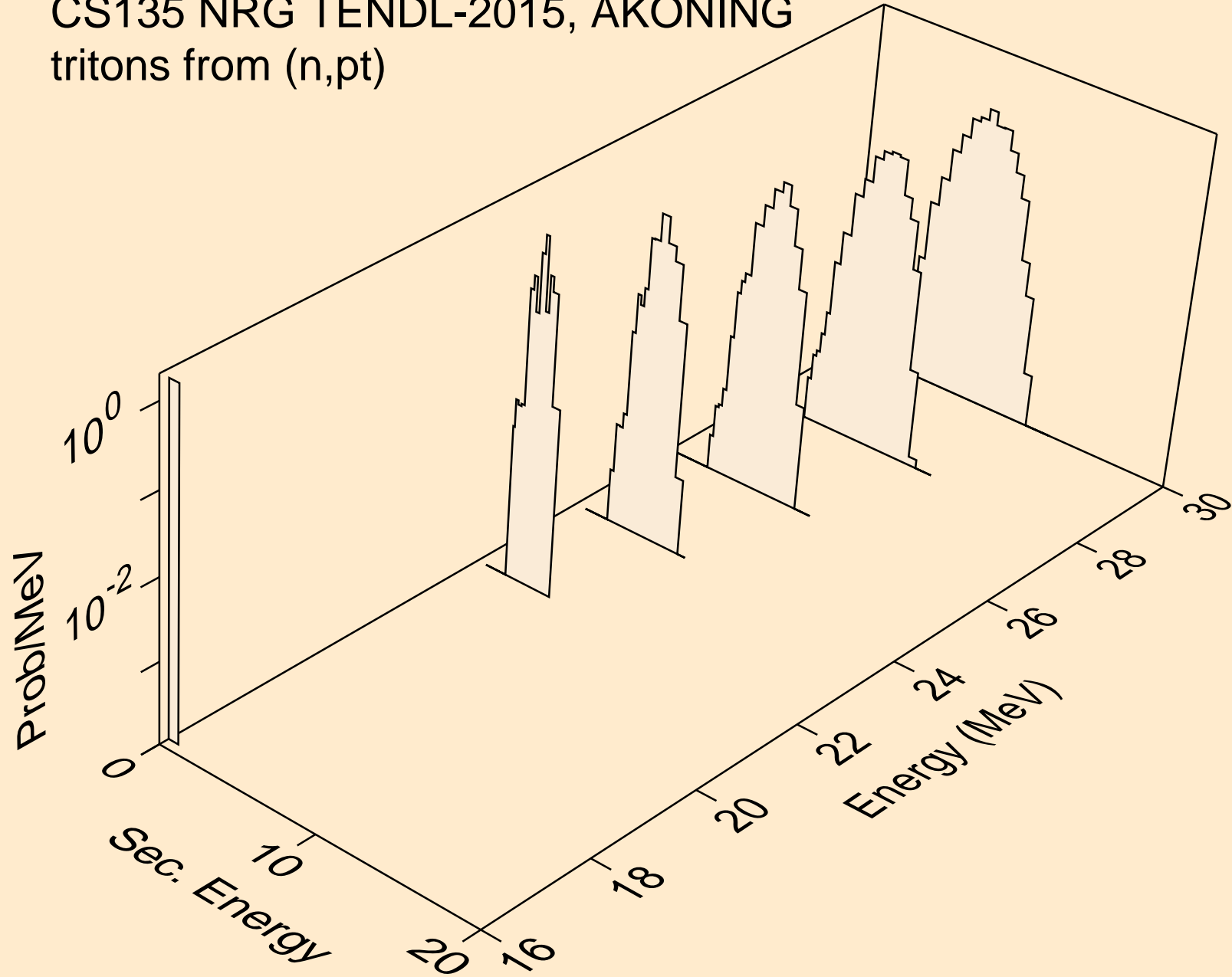
CS135 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



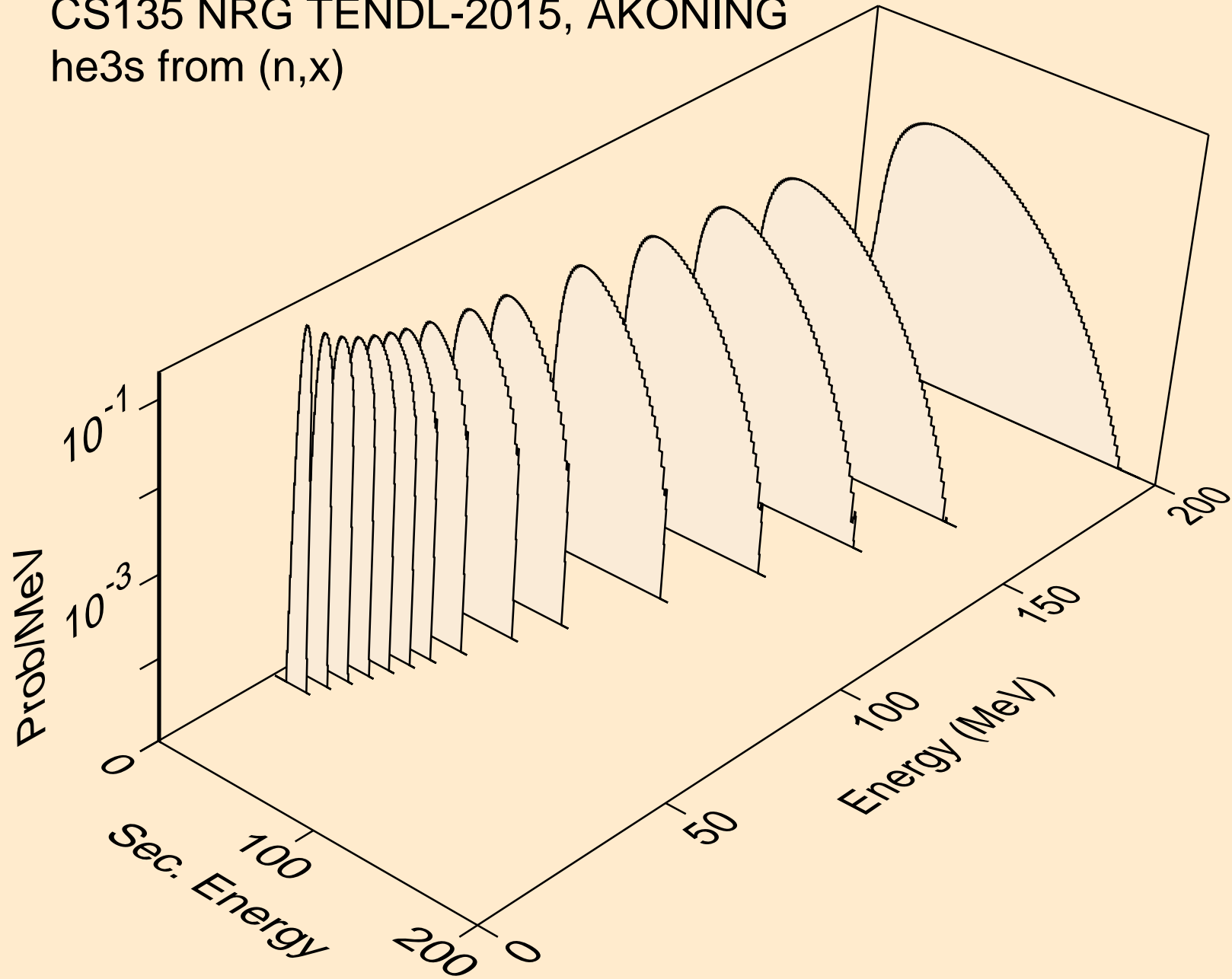
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tritons from (n,t)



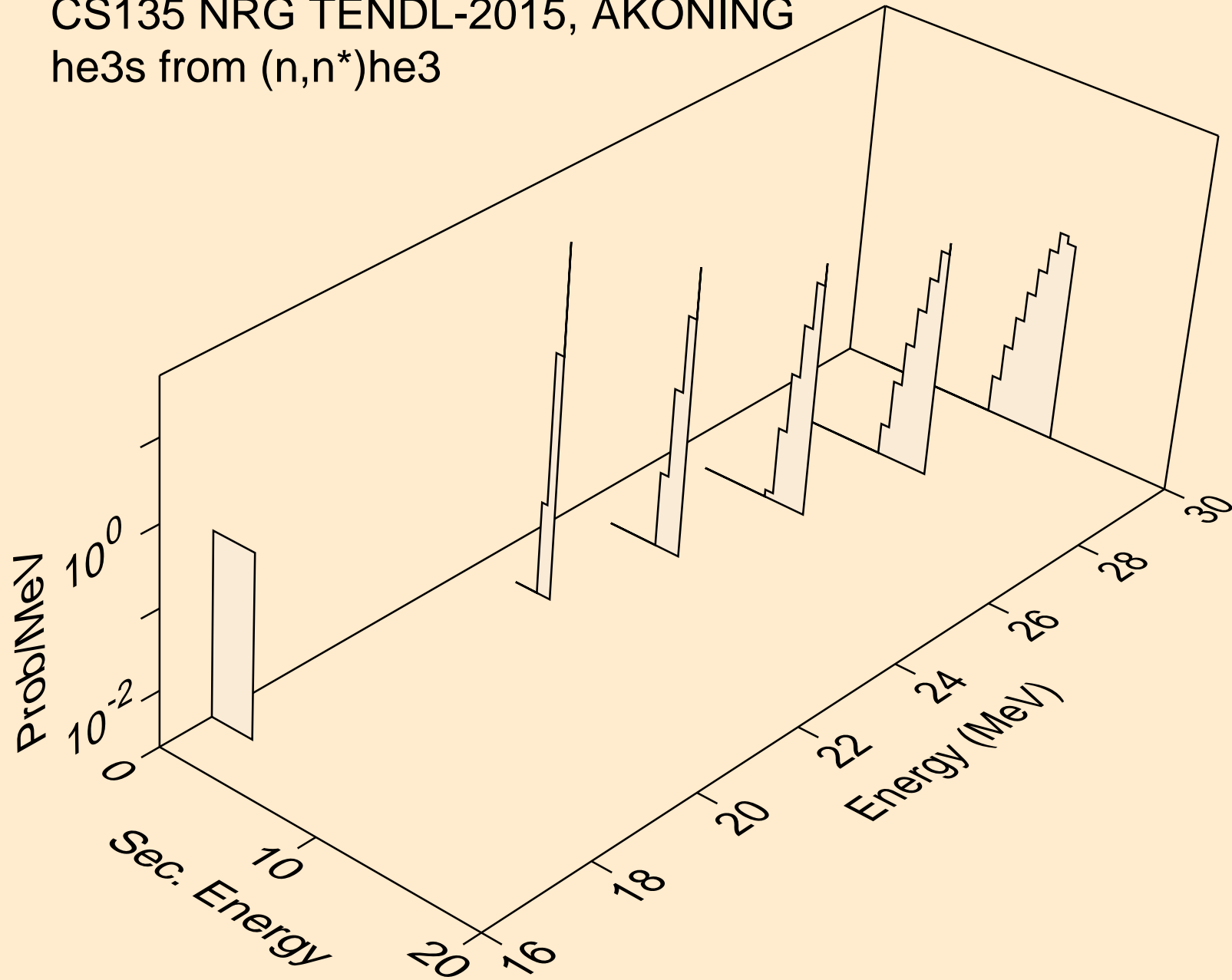
CS135 NRG TENDL-2015, AKONING  
tritons from (n,pt)



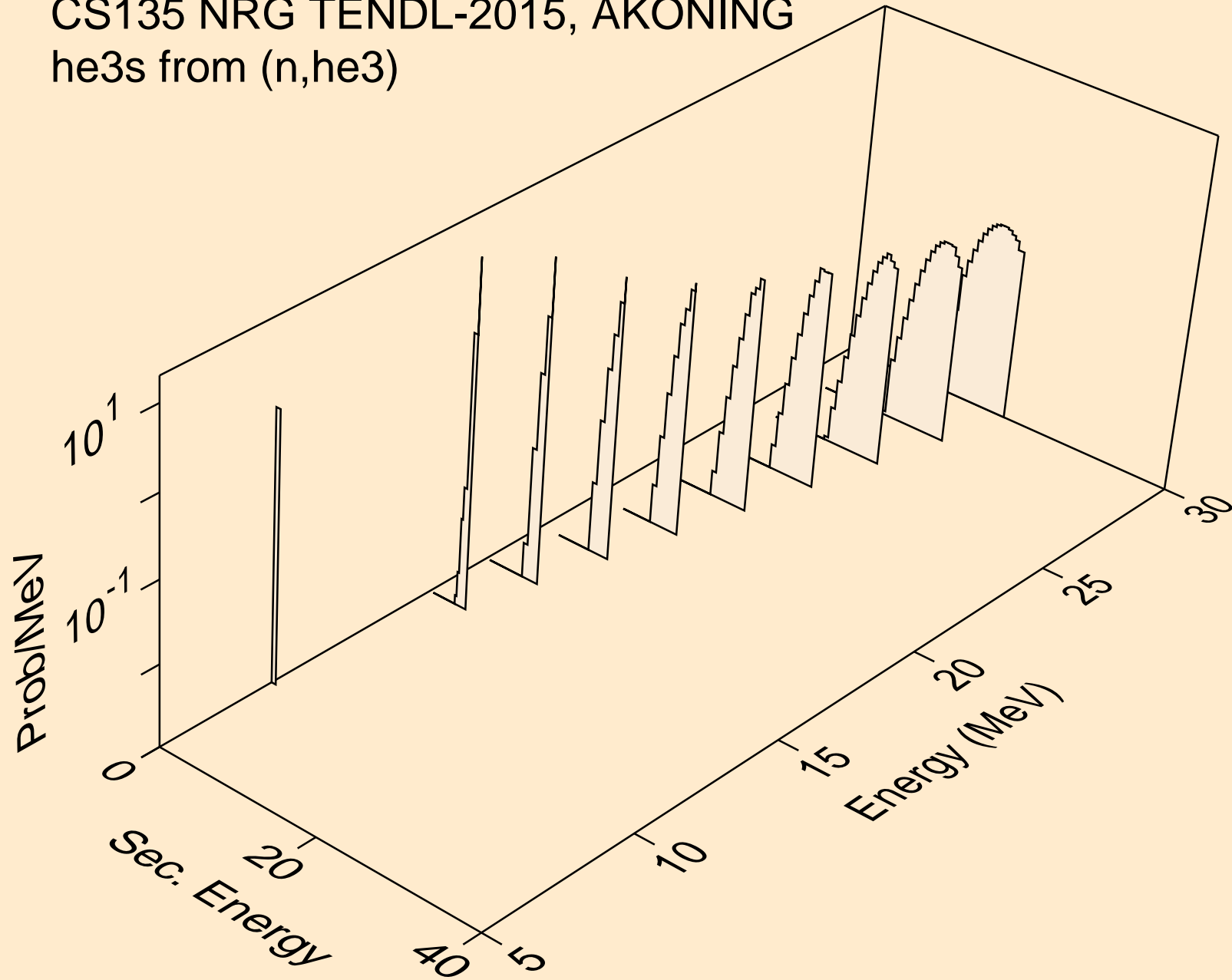
CS135 NRG TENDL-2015, AKONING  
he3s from (n,x)



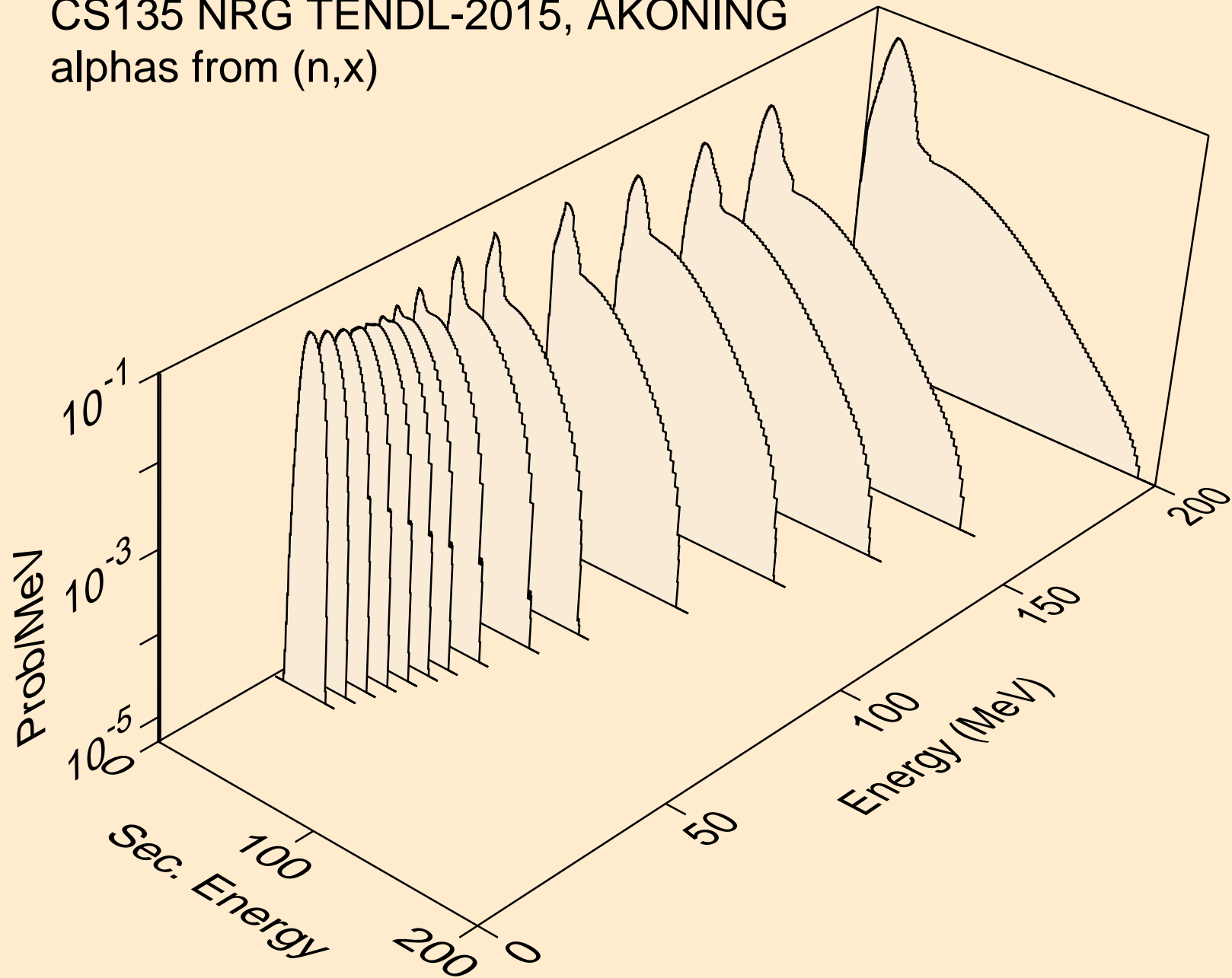
CS135 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



CS135 NRG TENDL-2015, AKONING  
he3s from (n,he3)

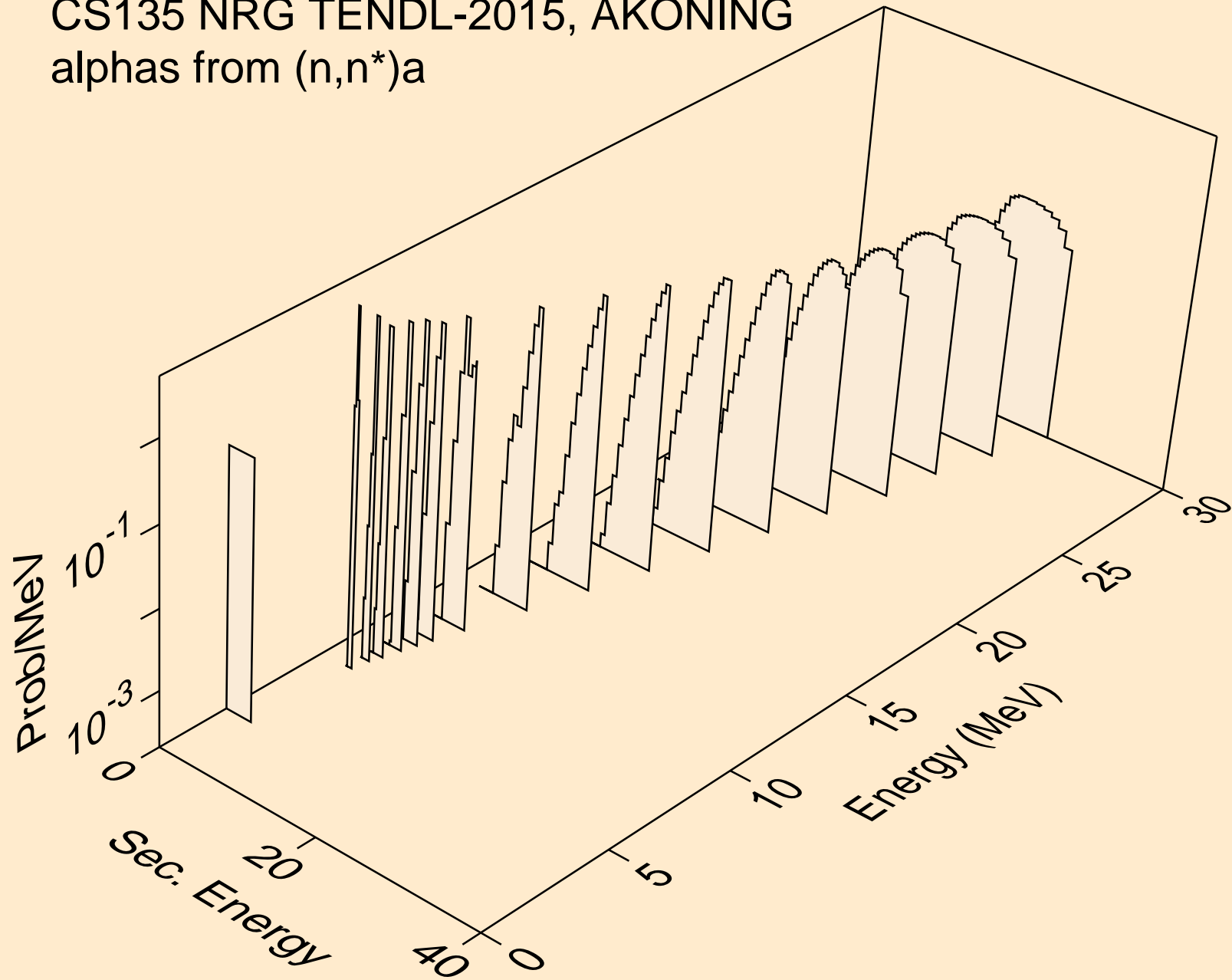


CS135 NRG TENDL-2015, AKONING  
alphas from (n,x)

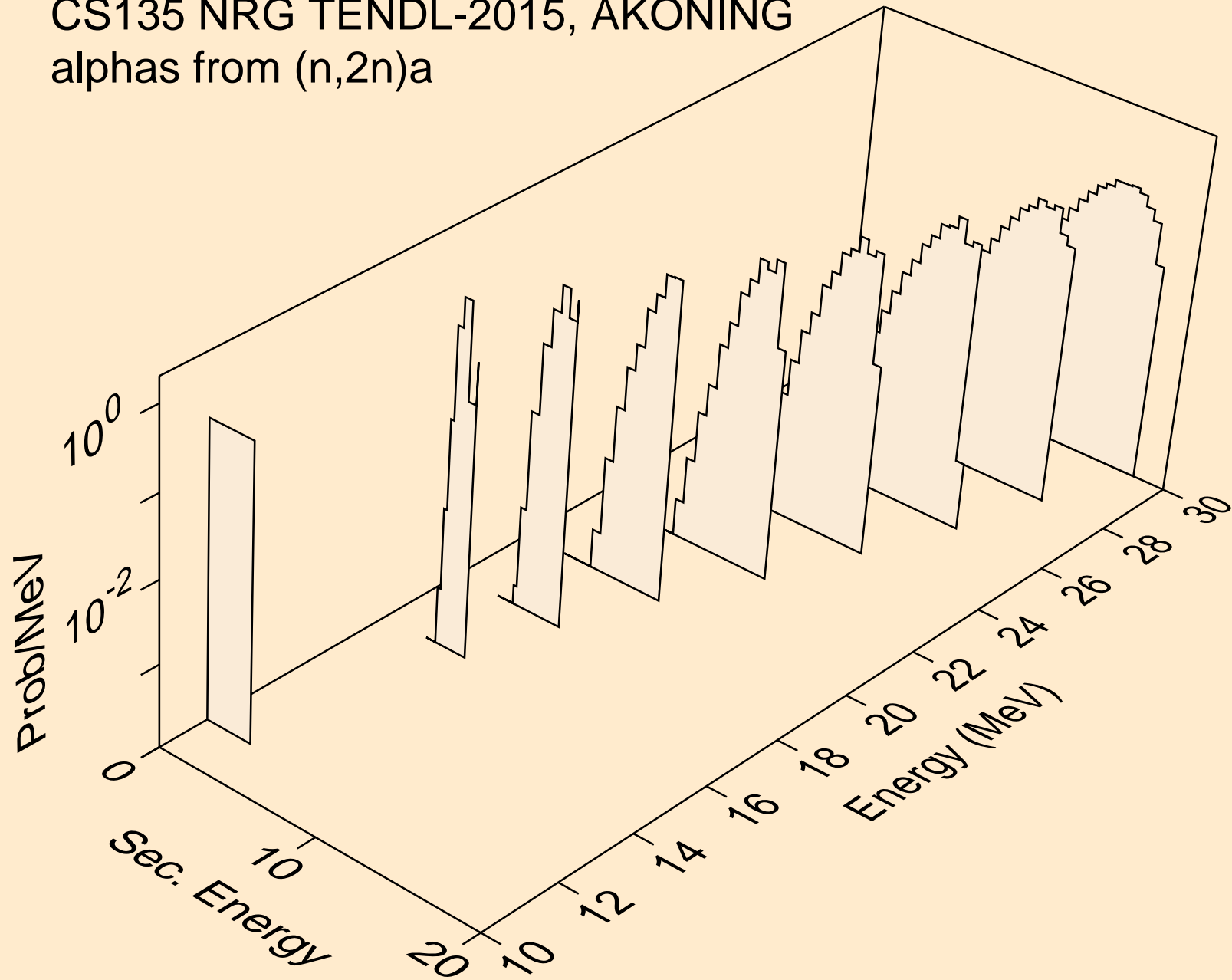




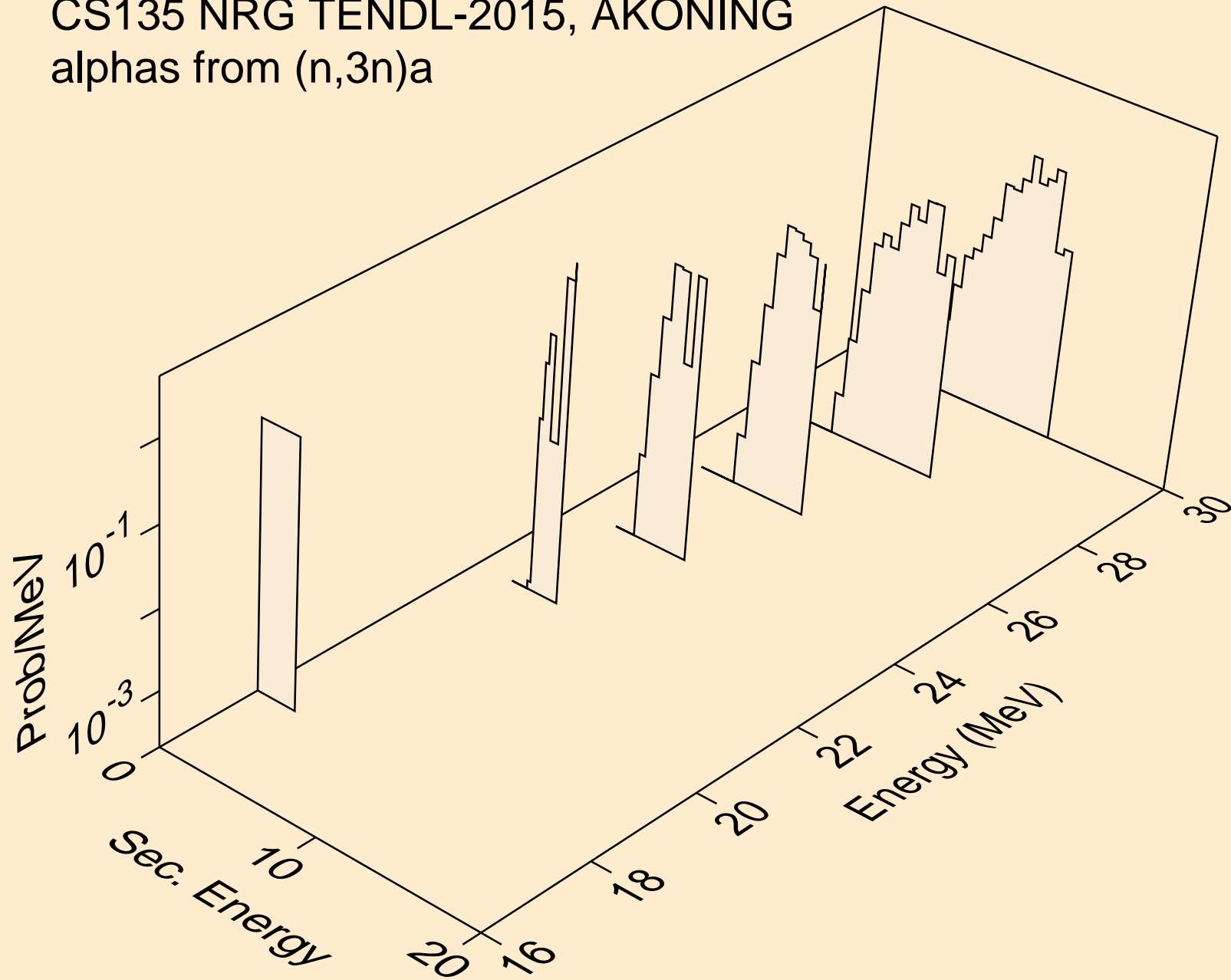
CS135 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



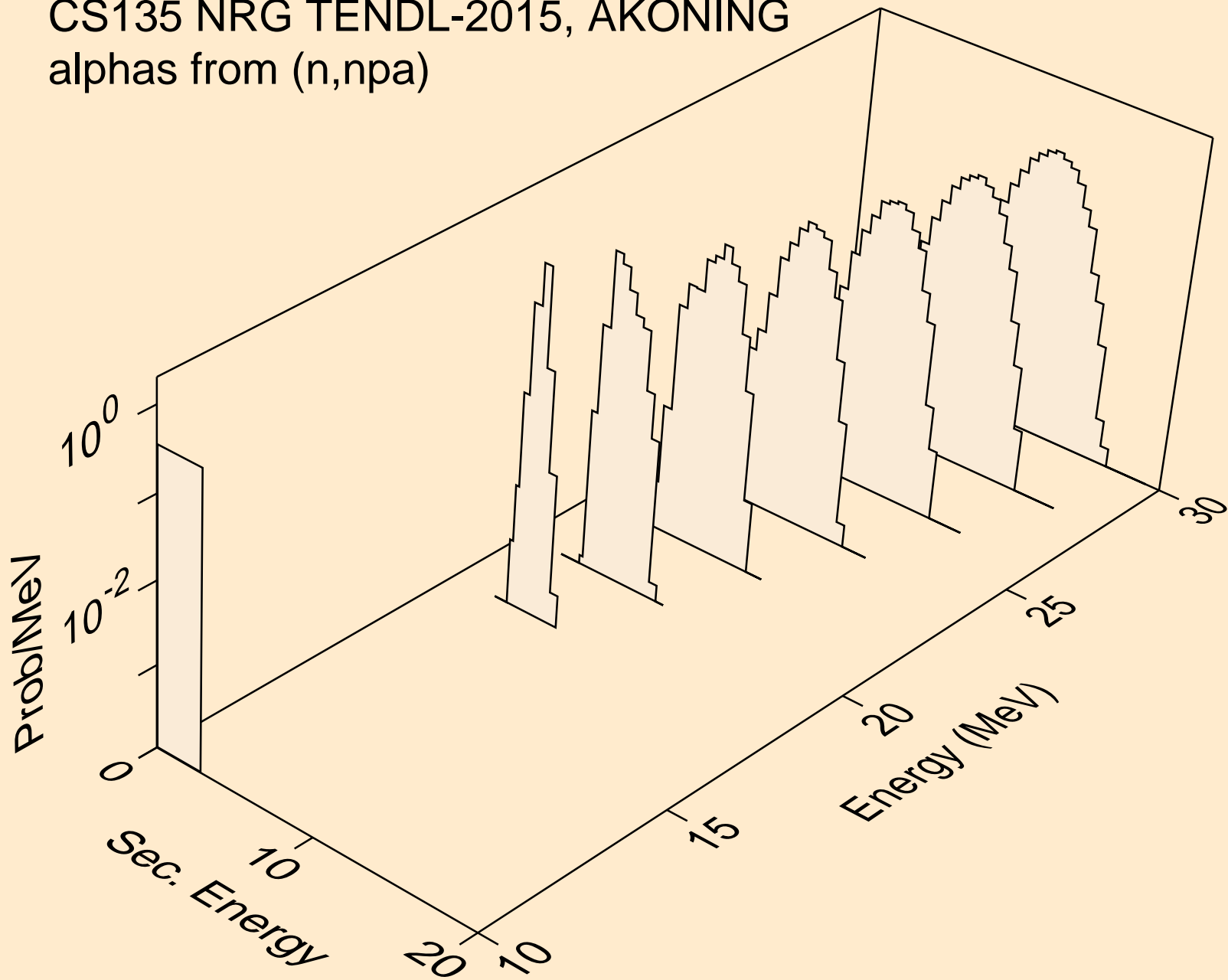
CS135 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



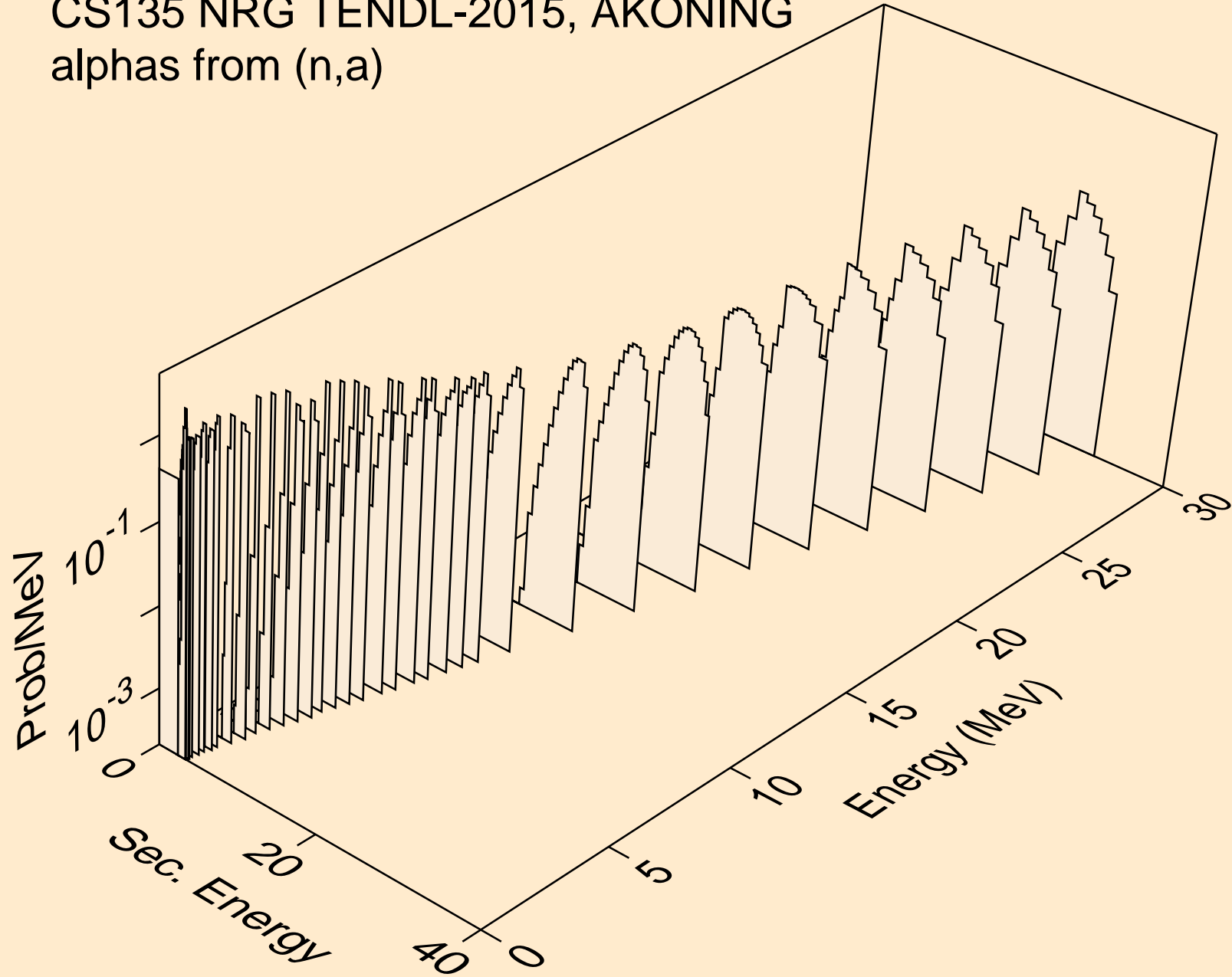
CS135 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



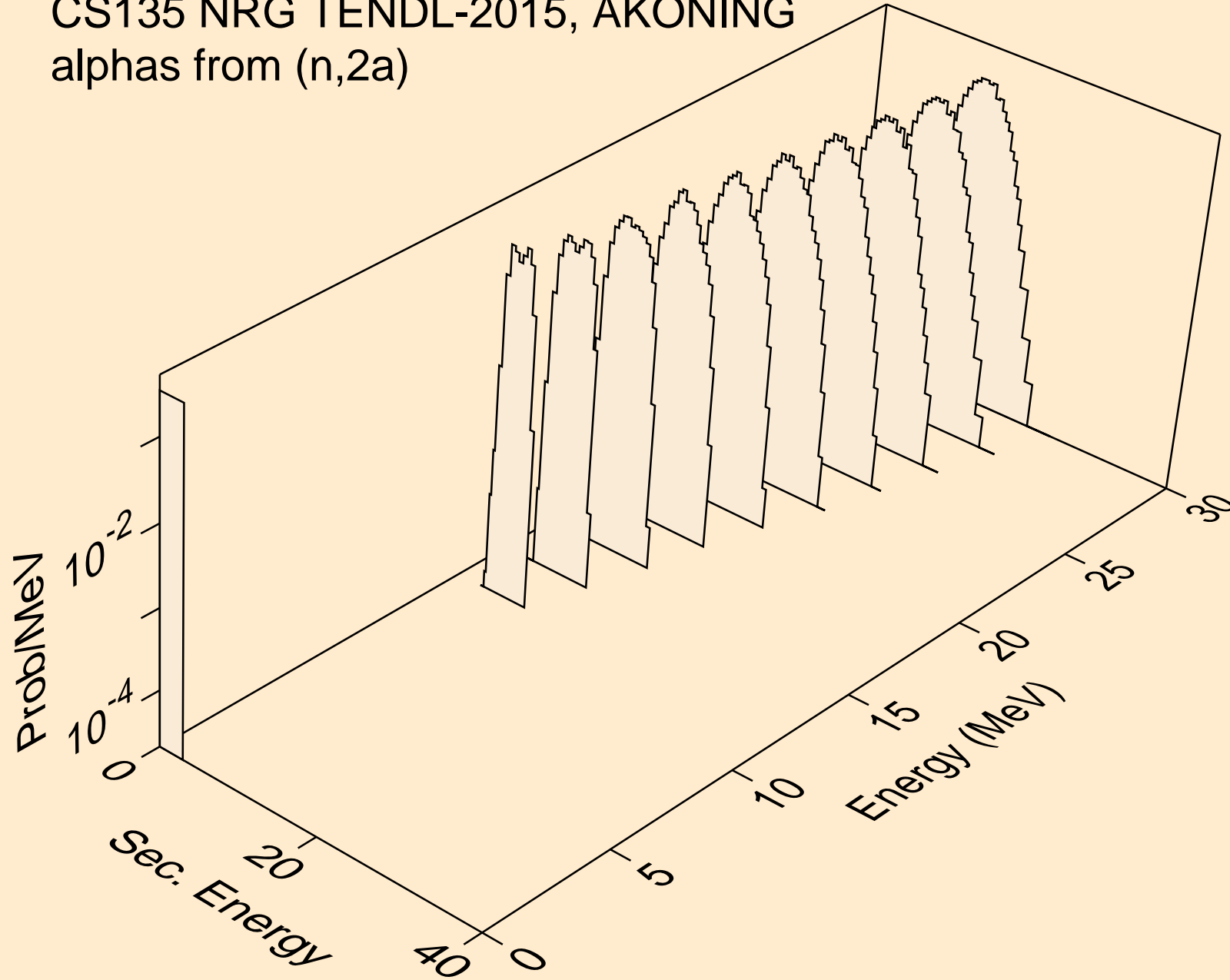
CS135 NRG TENDL-2015, AKONING  
alphas from (n,npa)



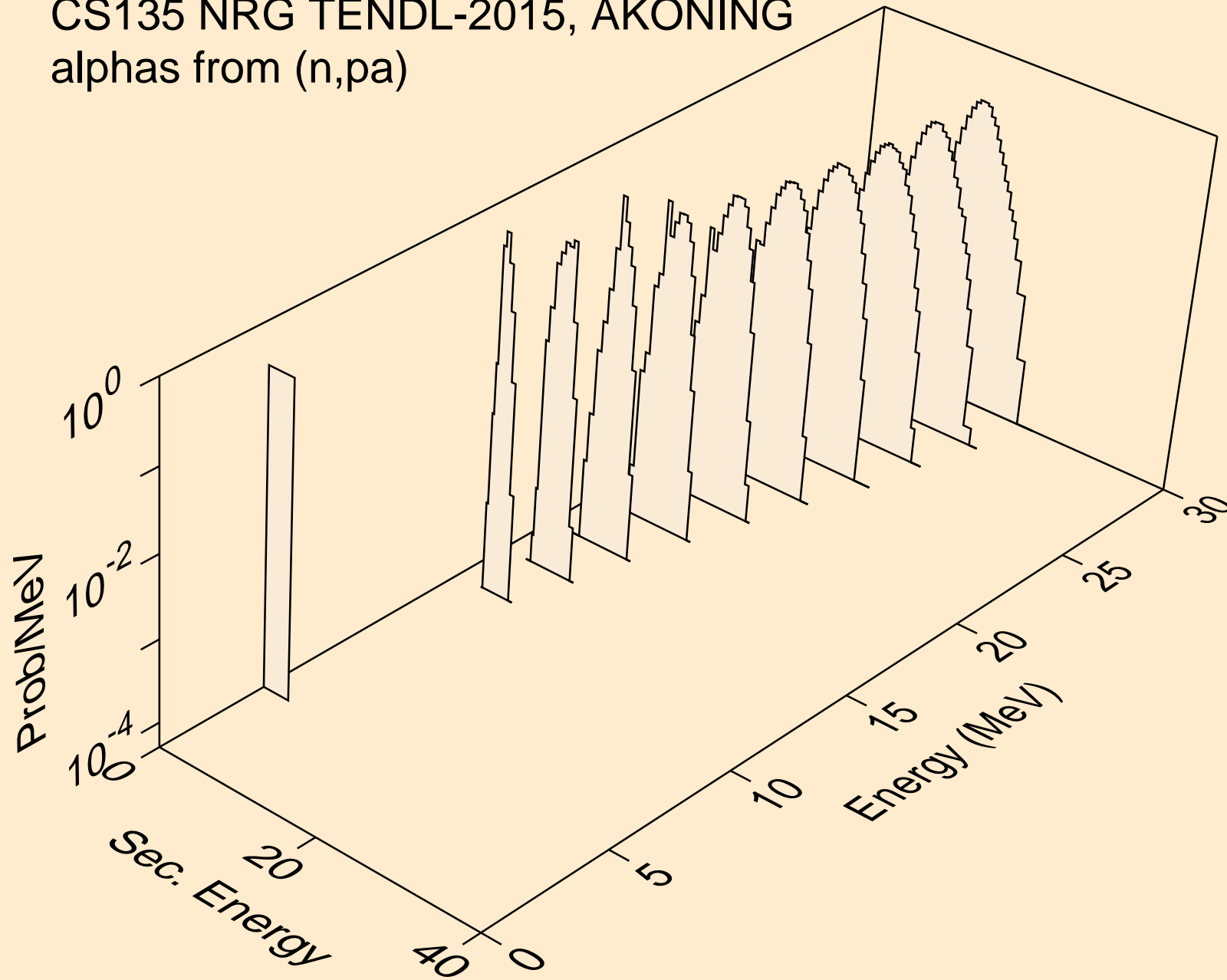
CS135 NRG TENDL-2015, AKONING  
alphas from (n,a)



CS135 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CS135 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CS135 NRG TENDL-2015, AKONING  
alphas from (n,da)

