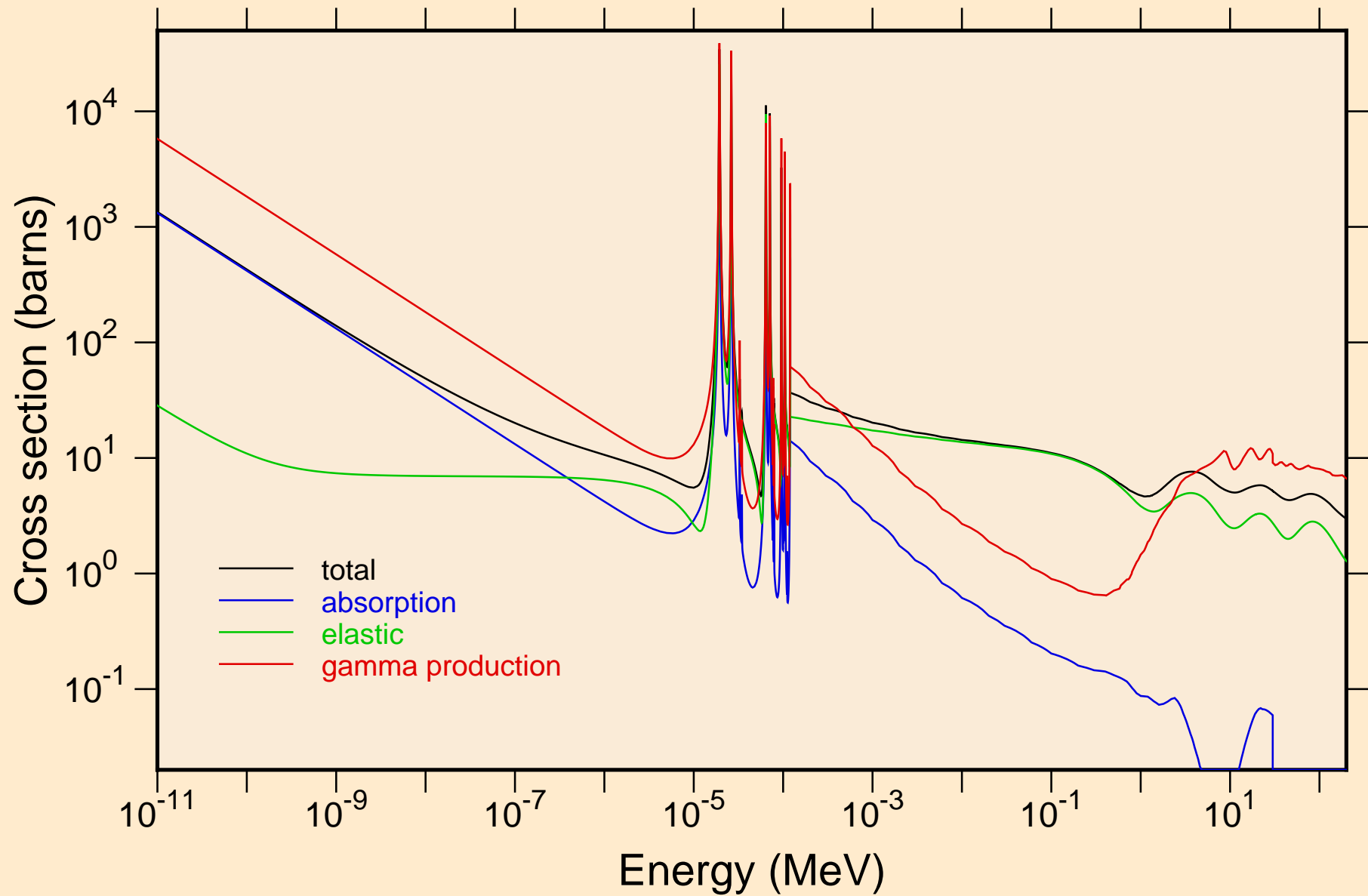


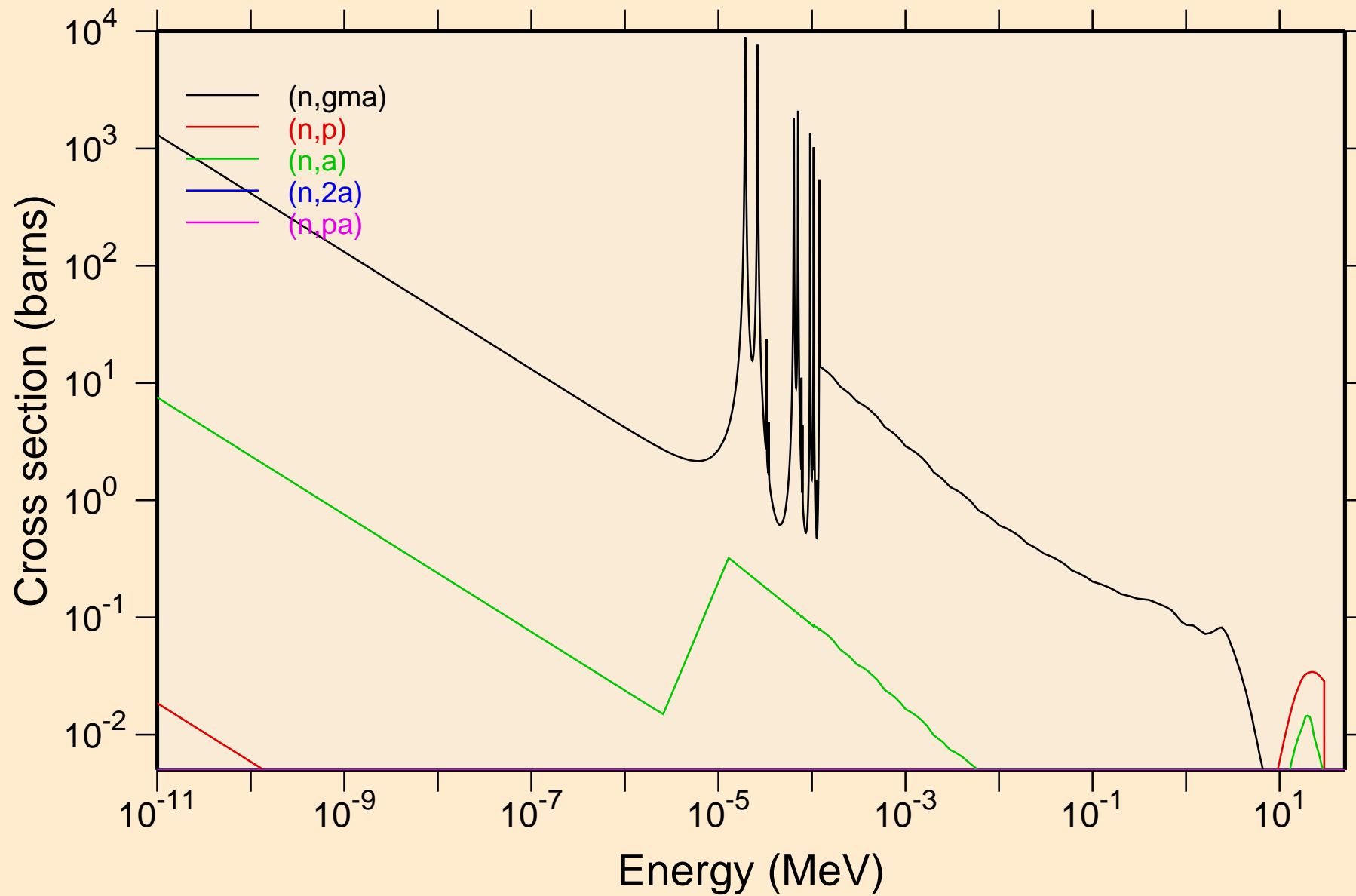
# AT209 NRG TENDL-2015, AKONING

## Principal cross sections



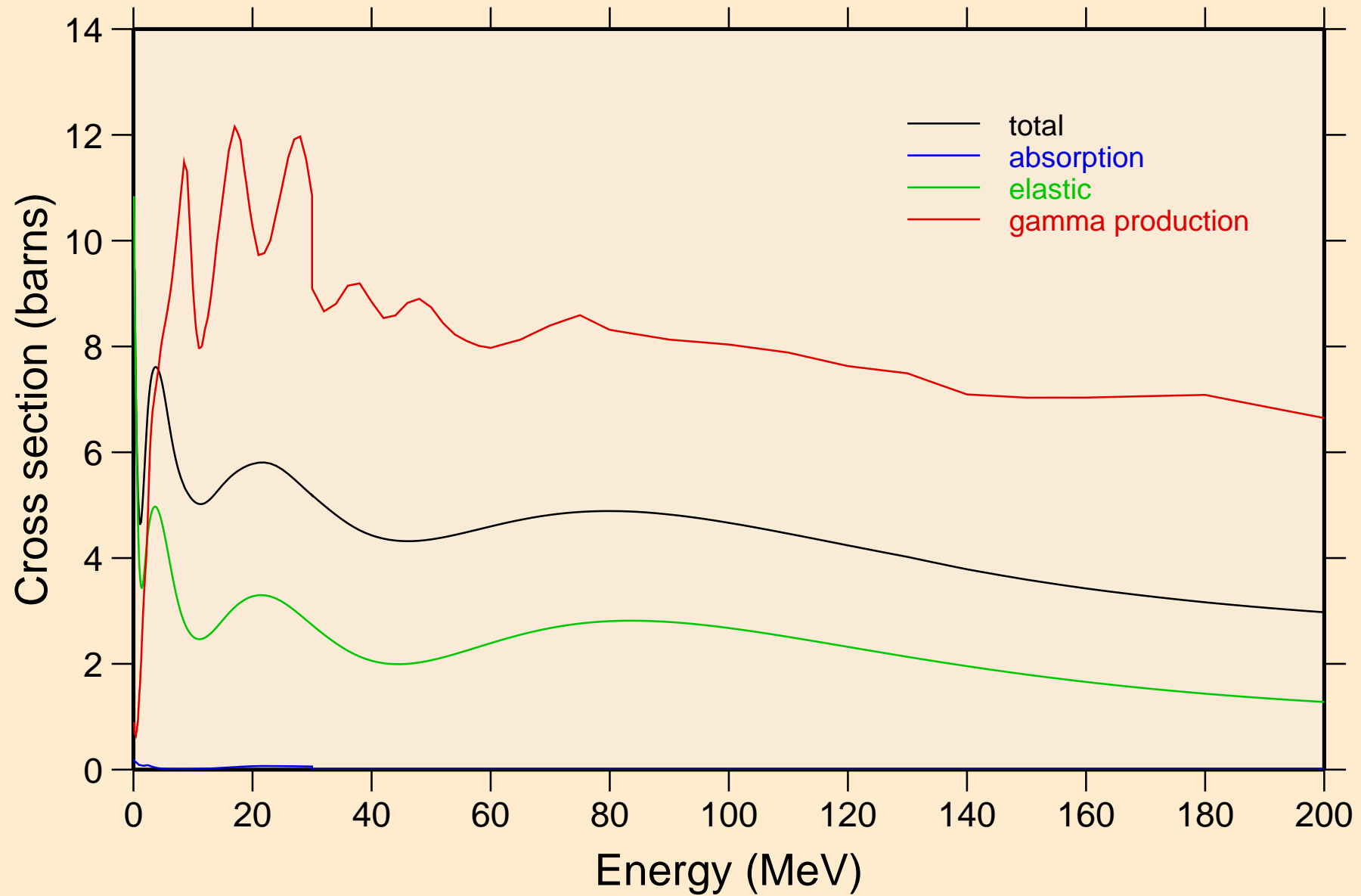
# AT209 NRG TENDL-2015, AKONING

## Non-threshold reactions



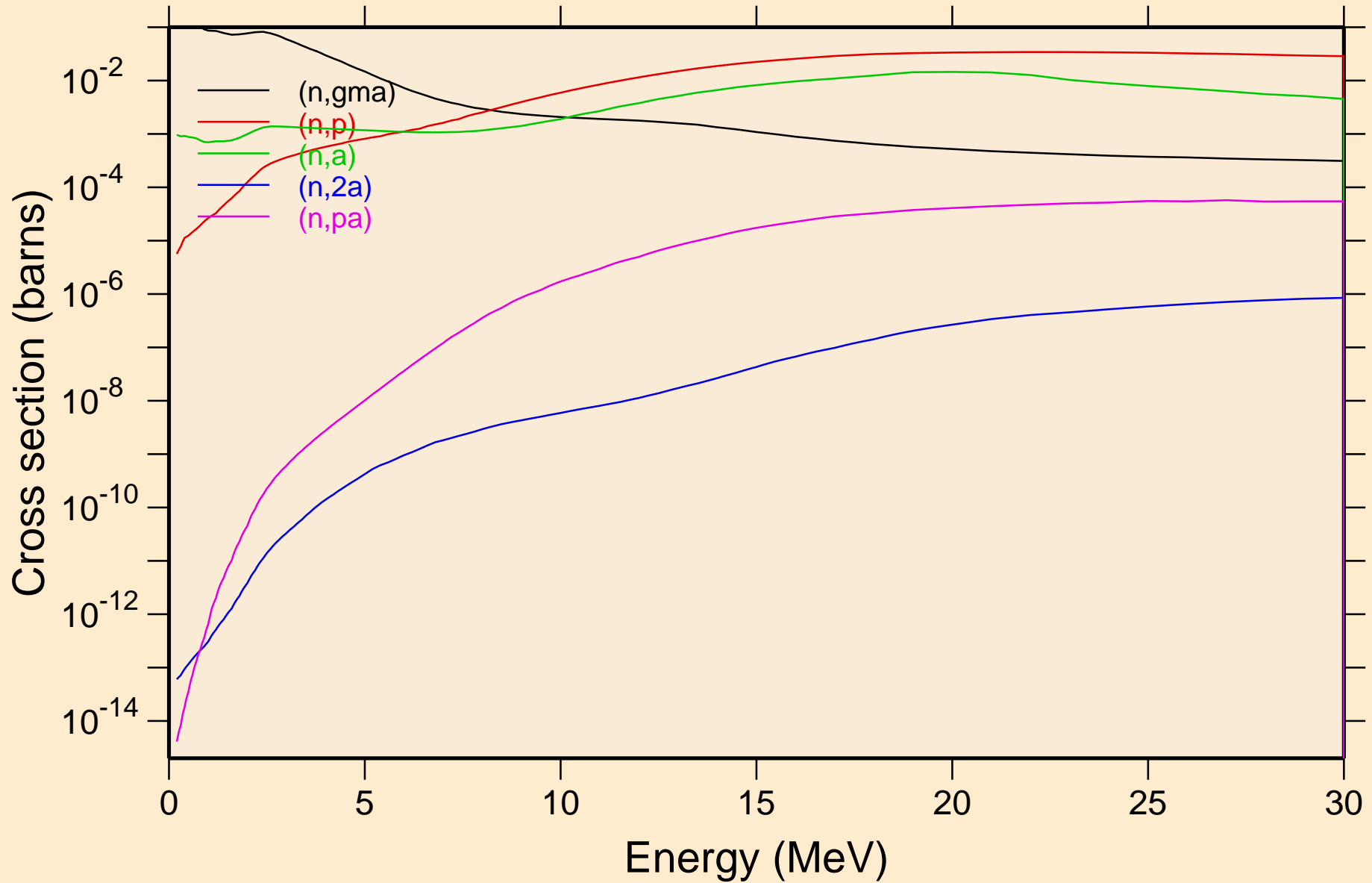
# AT209 NRG TENDL-2015, AKONING

## Principal cross sections



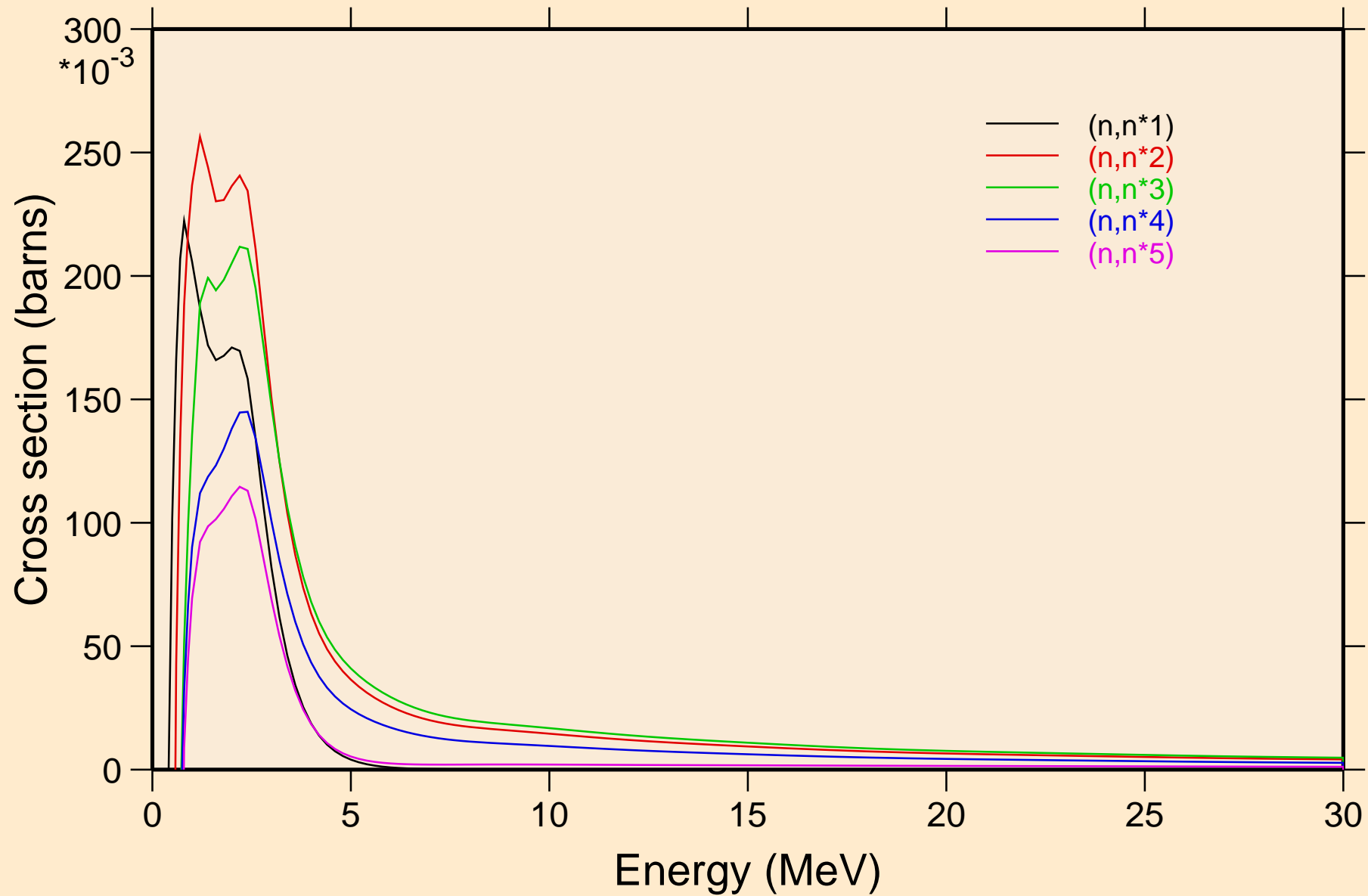
# AT209 NRG TENDL-2015, AKONING

## Non-threshold reactions



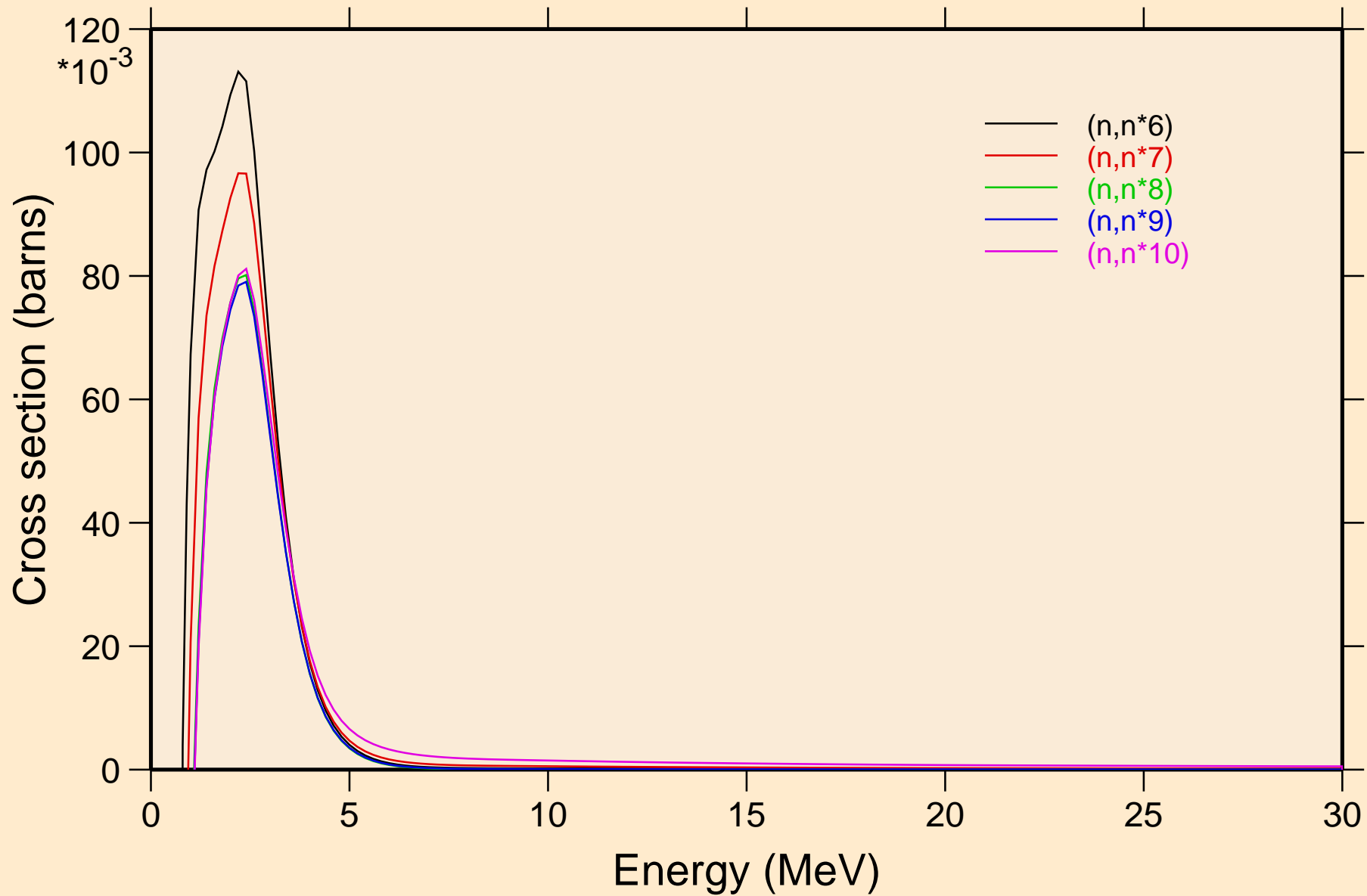
# AT209 NRG TENDL-2015, AKONING

## Inelastic levels



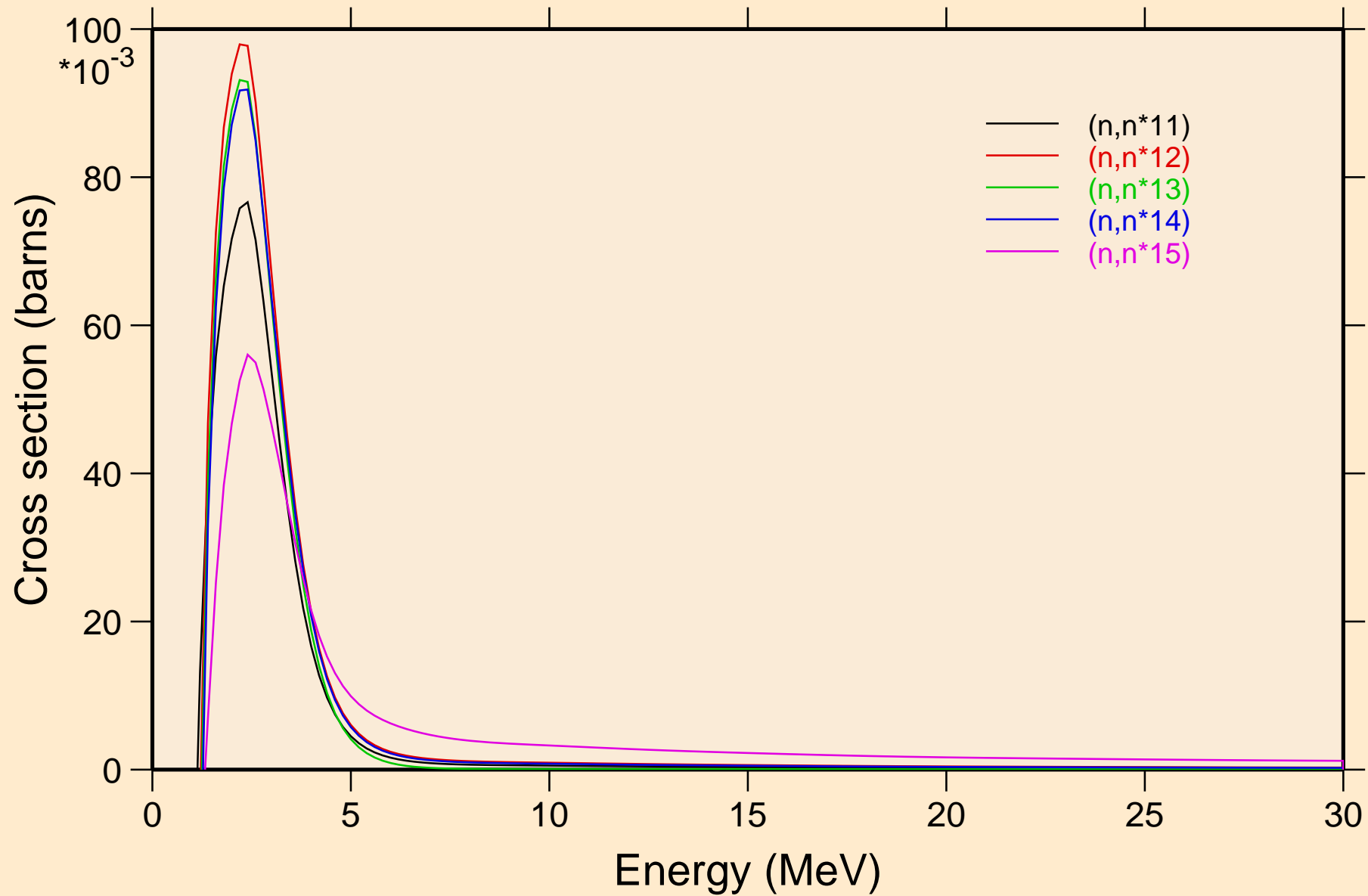
# AT209 NRG TENDL-2015, AKONING

## Inelastic levels



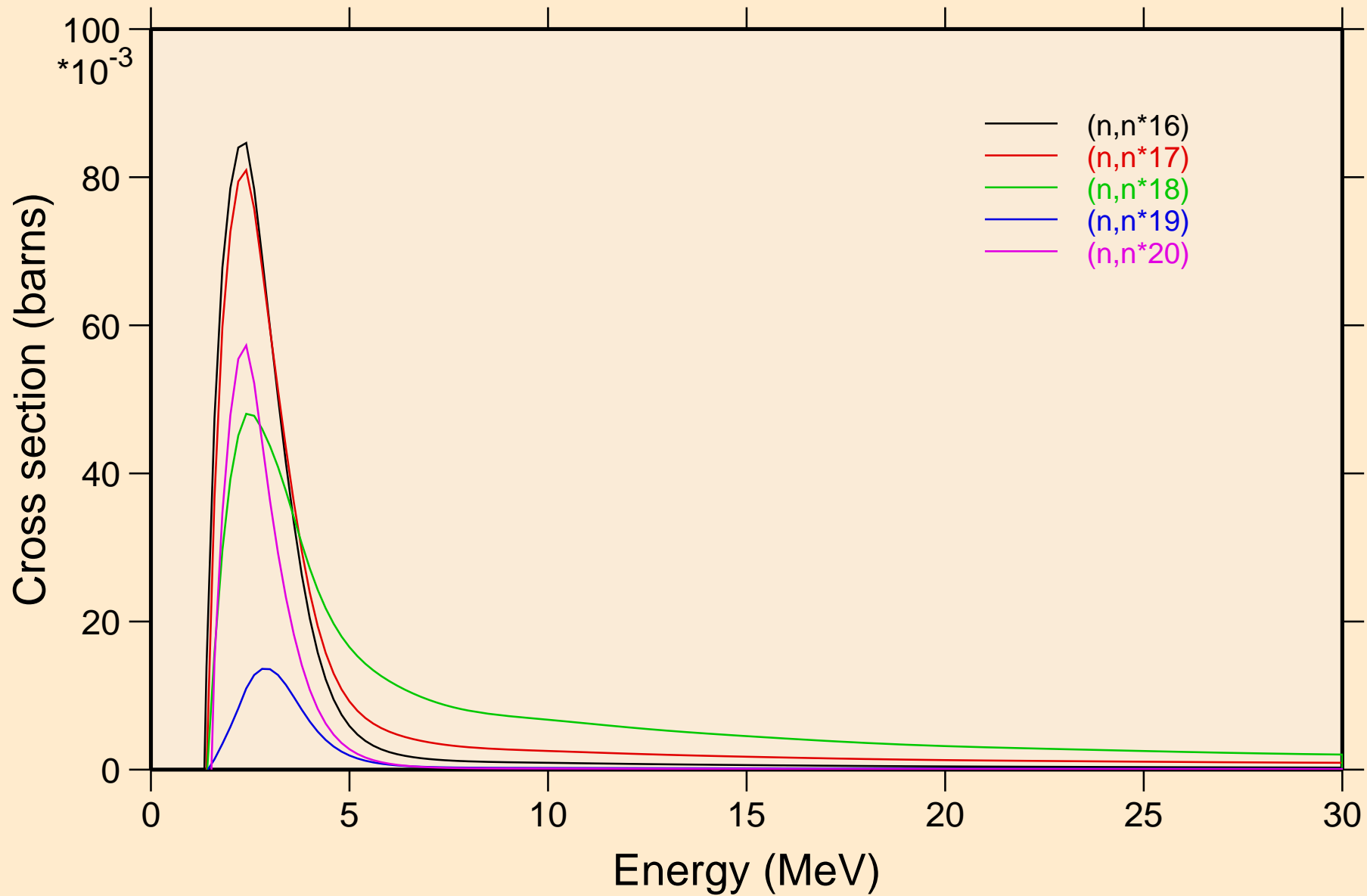
# AT209 NRG TENDL-2015, AKONING

## Inelastic levels



# AT209 NRG TENDL-2015, AKONING

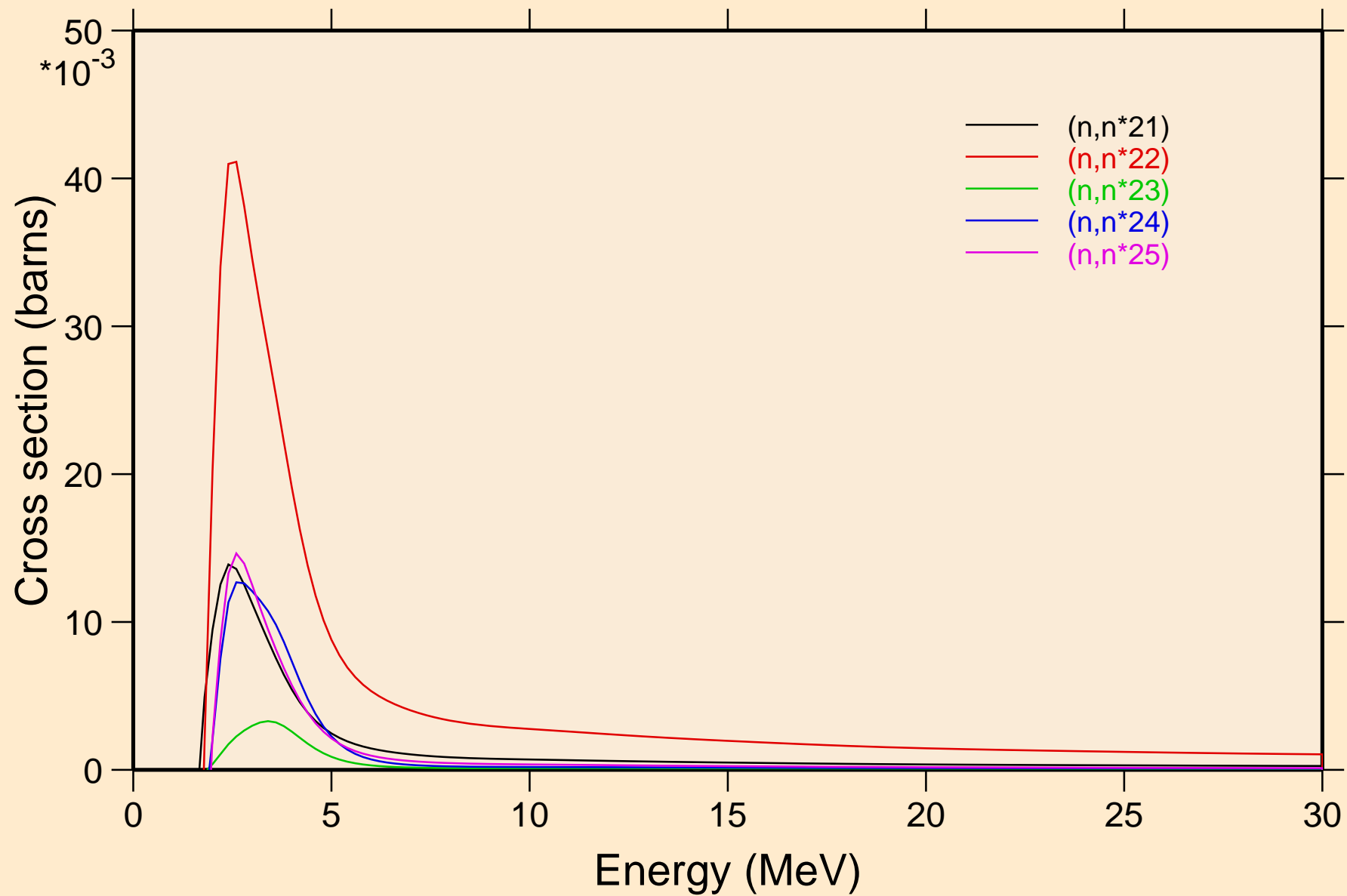
## Inelastic levels





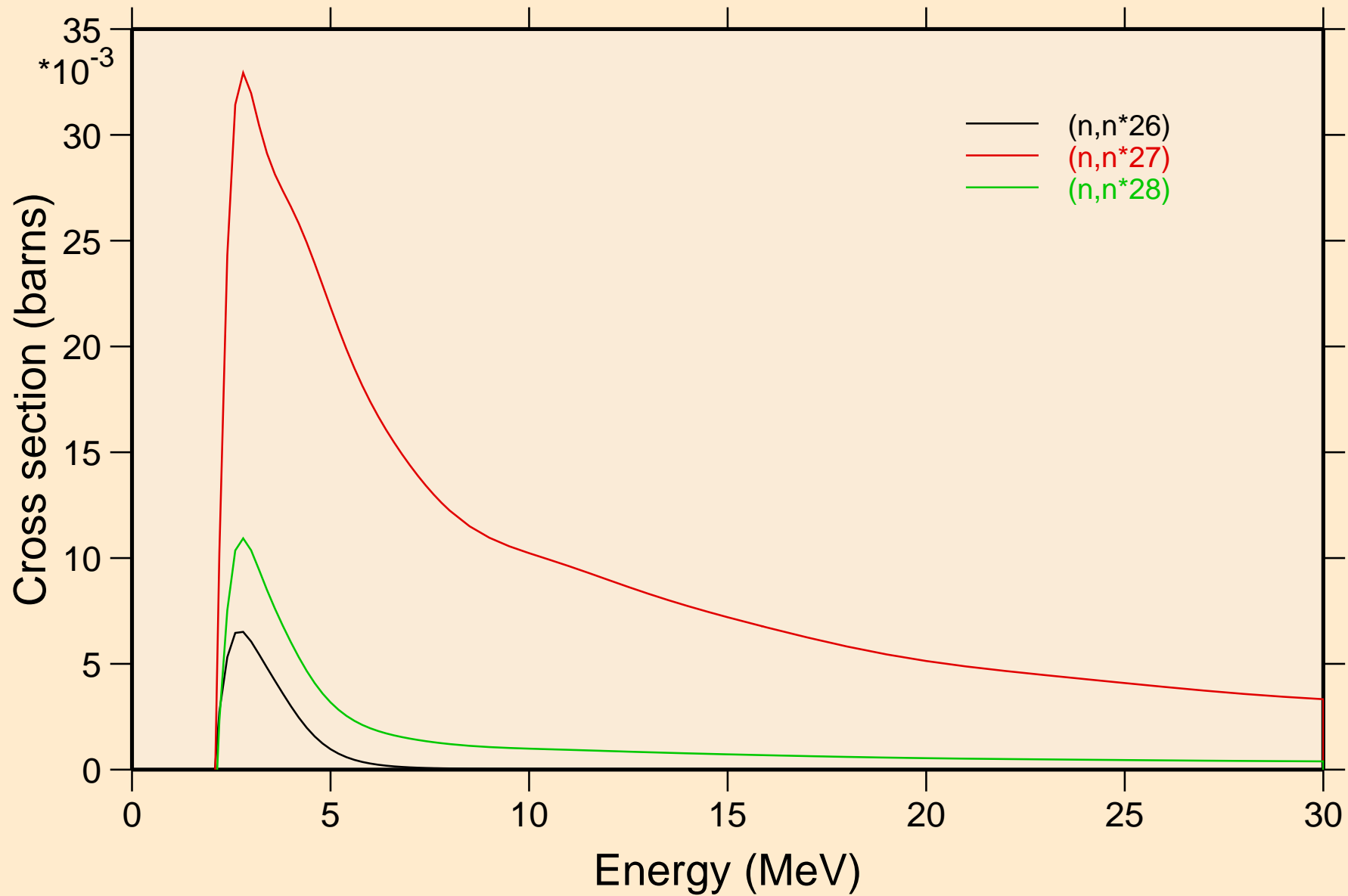
# AT209 NRG TENDL-2015, AKONING

## Inelastic levels



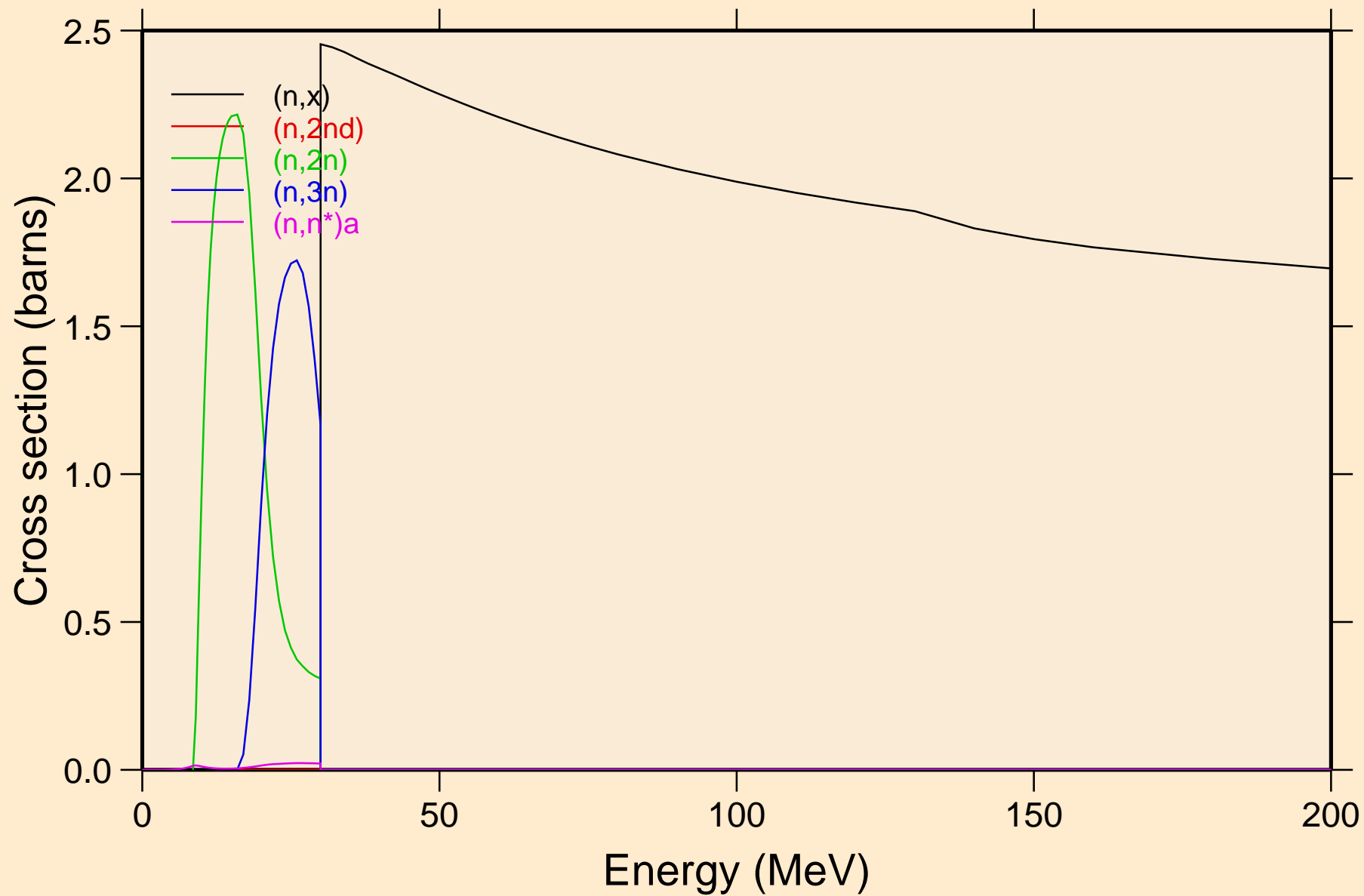
# AT209 NRG TENDL-2015, AKONING

## Inelastic levels



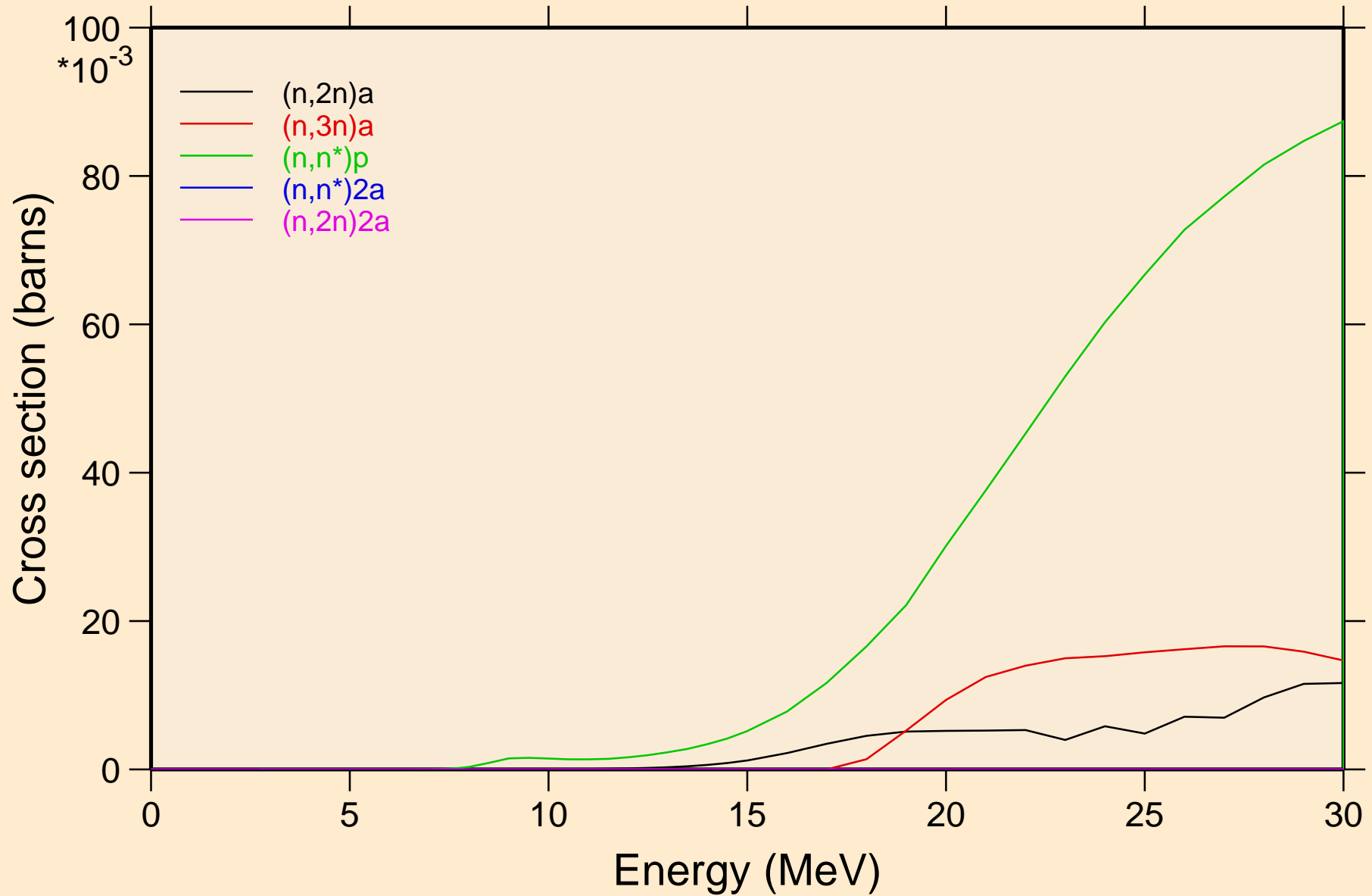
# AT209 NRG TENDL-2015, AKONING

## Threshold reactions



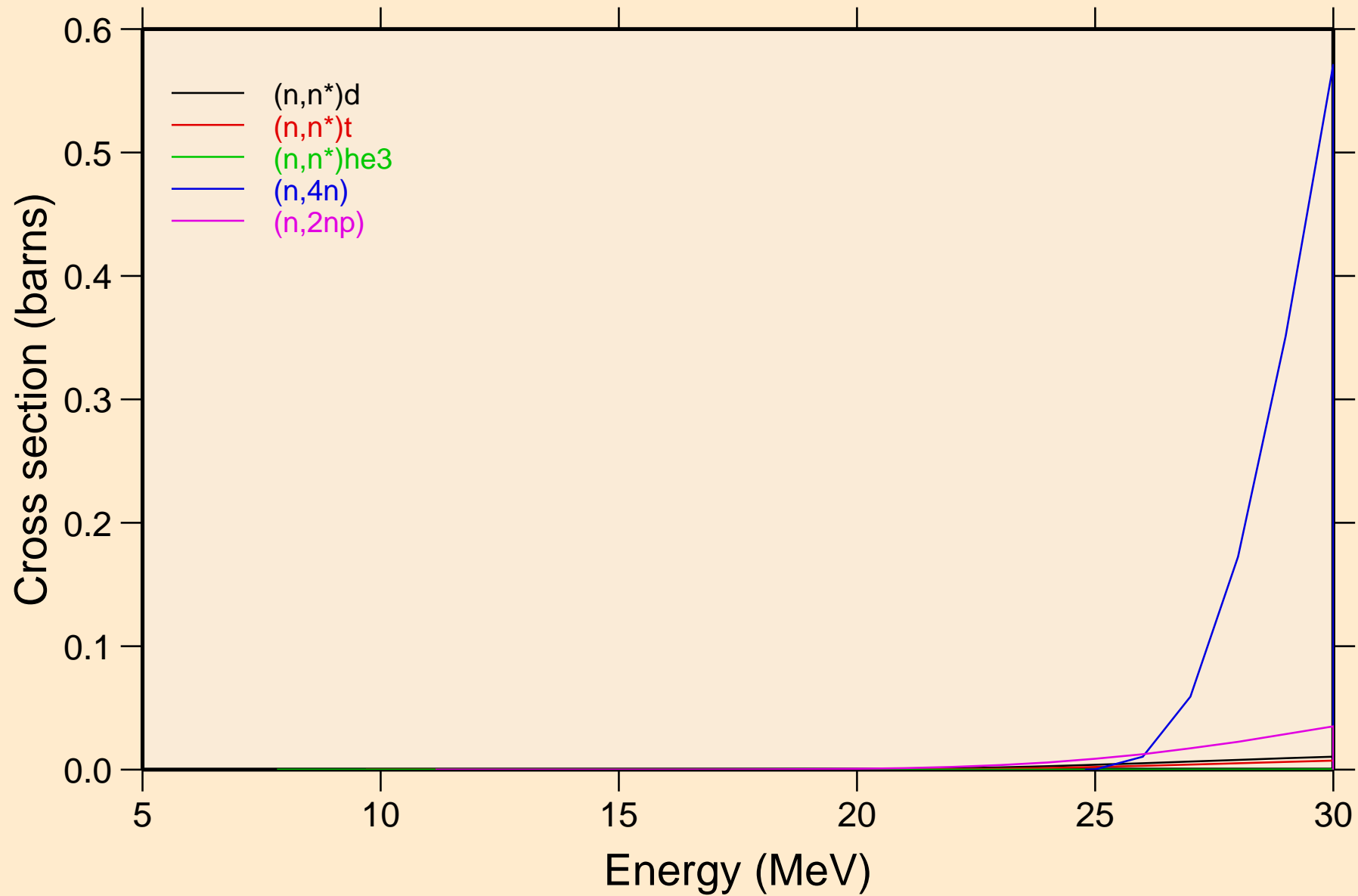
# AT209 NRG TENDL-2015, AKONING

## Threshold reactions



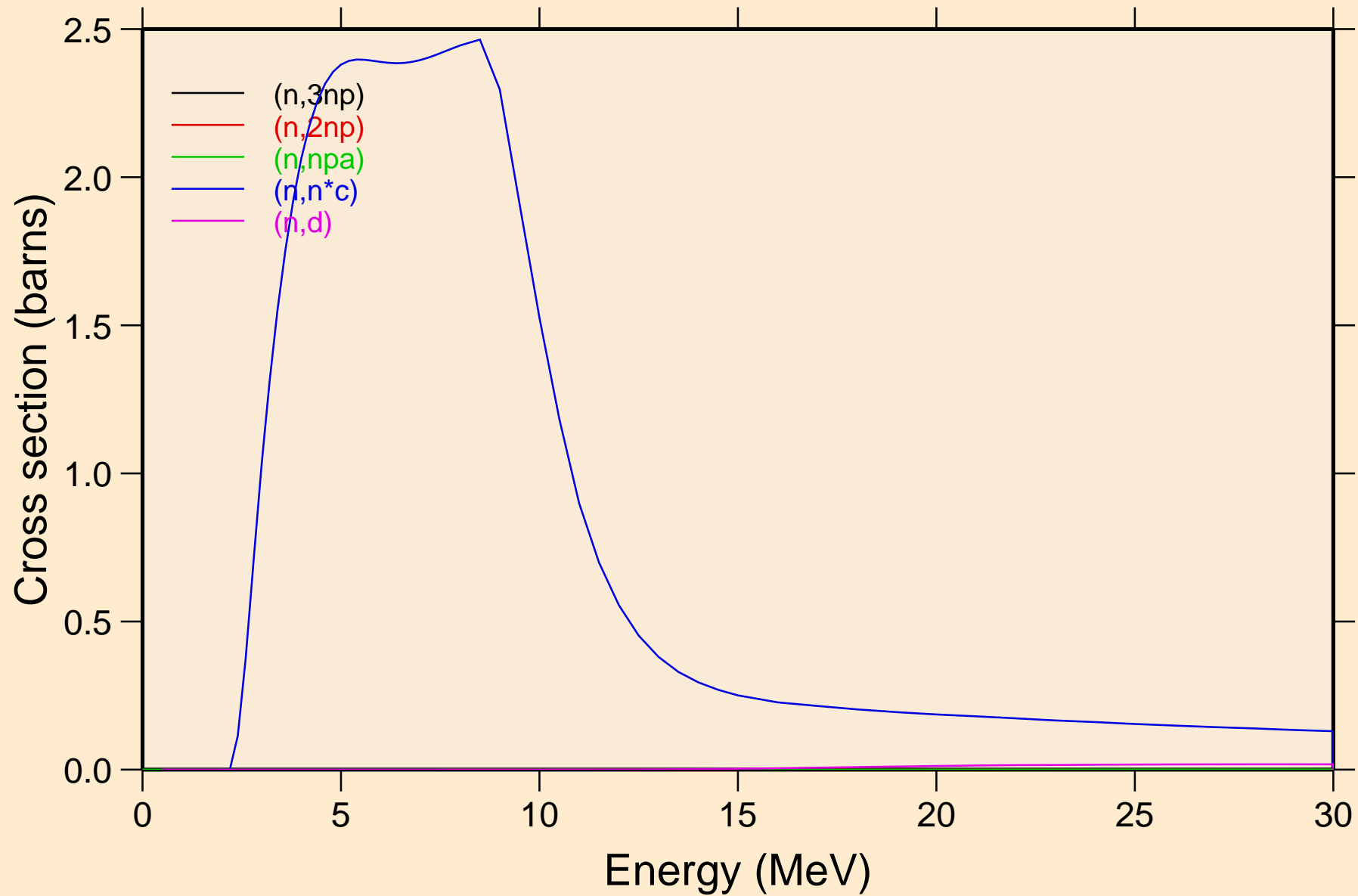
# AT209 NRG TENDL-2015, AKONING

## Threshold reactions



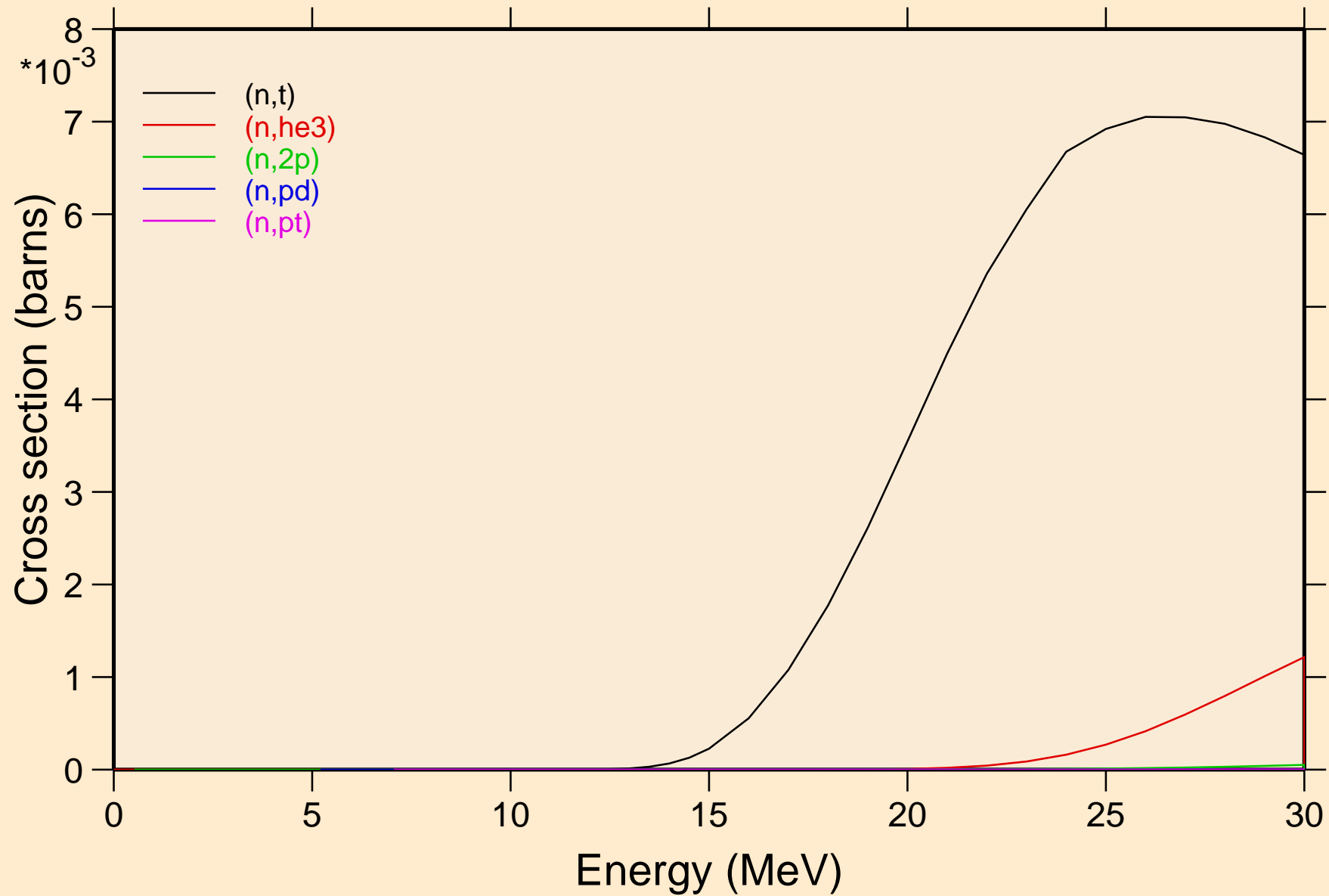
# AT209 NRG TENDL-2015, AKONING

## Threshold reactions

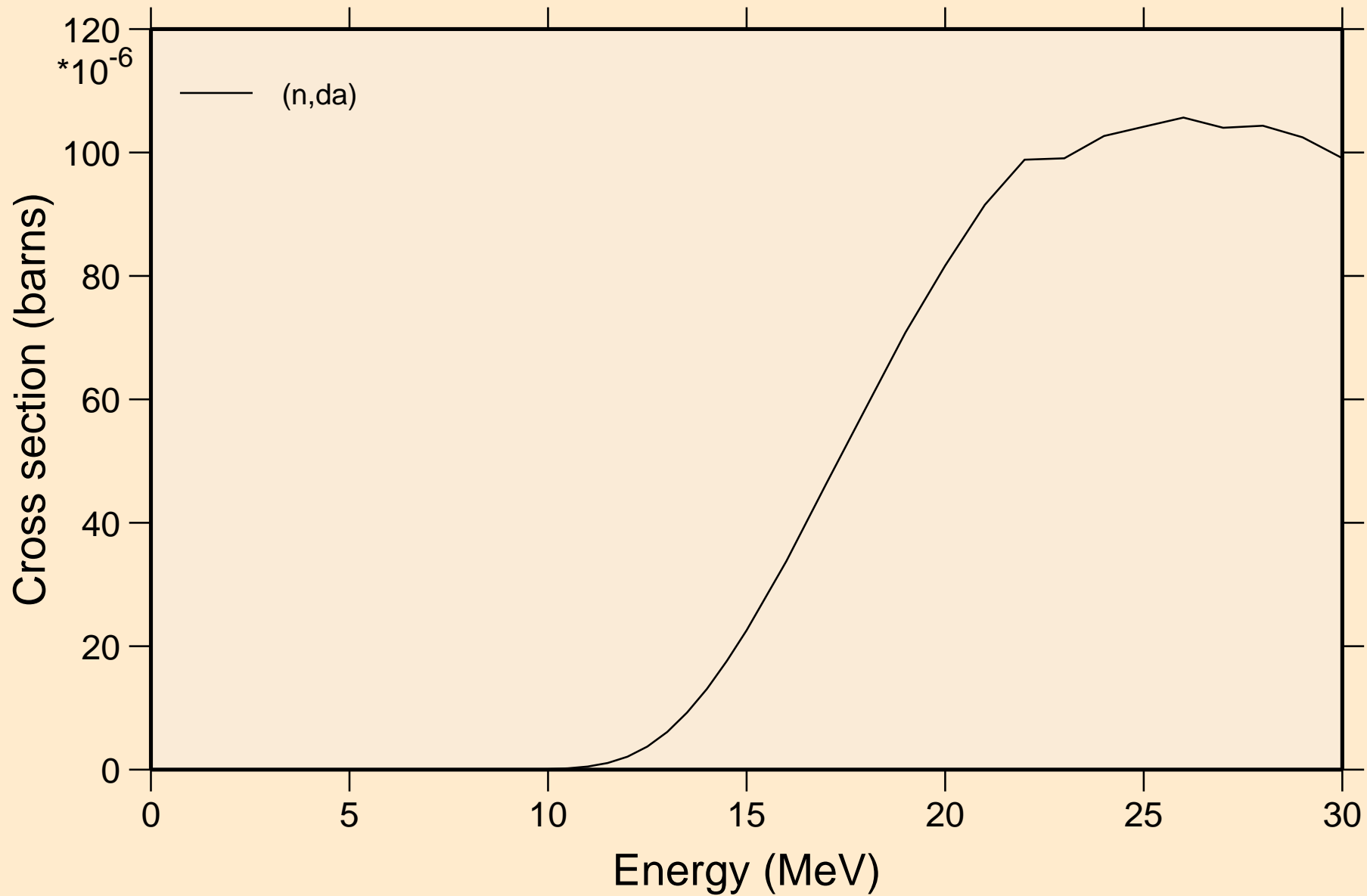


# AT209 NRG TENDL-2015, AKONING

## Threshold reactions

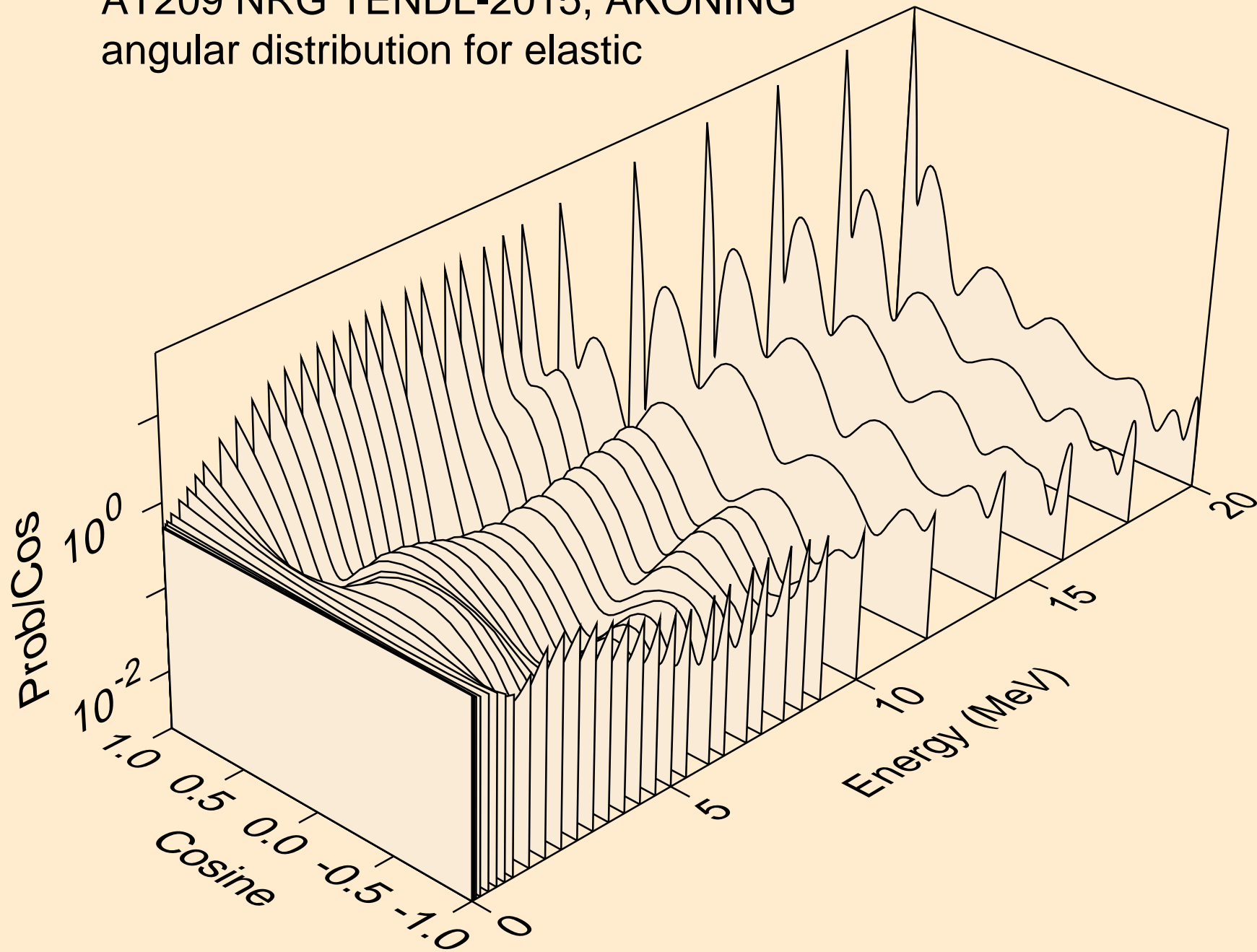


AT209 NRG TENDL-2015, AKONING  
Threshold reactions

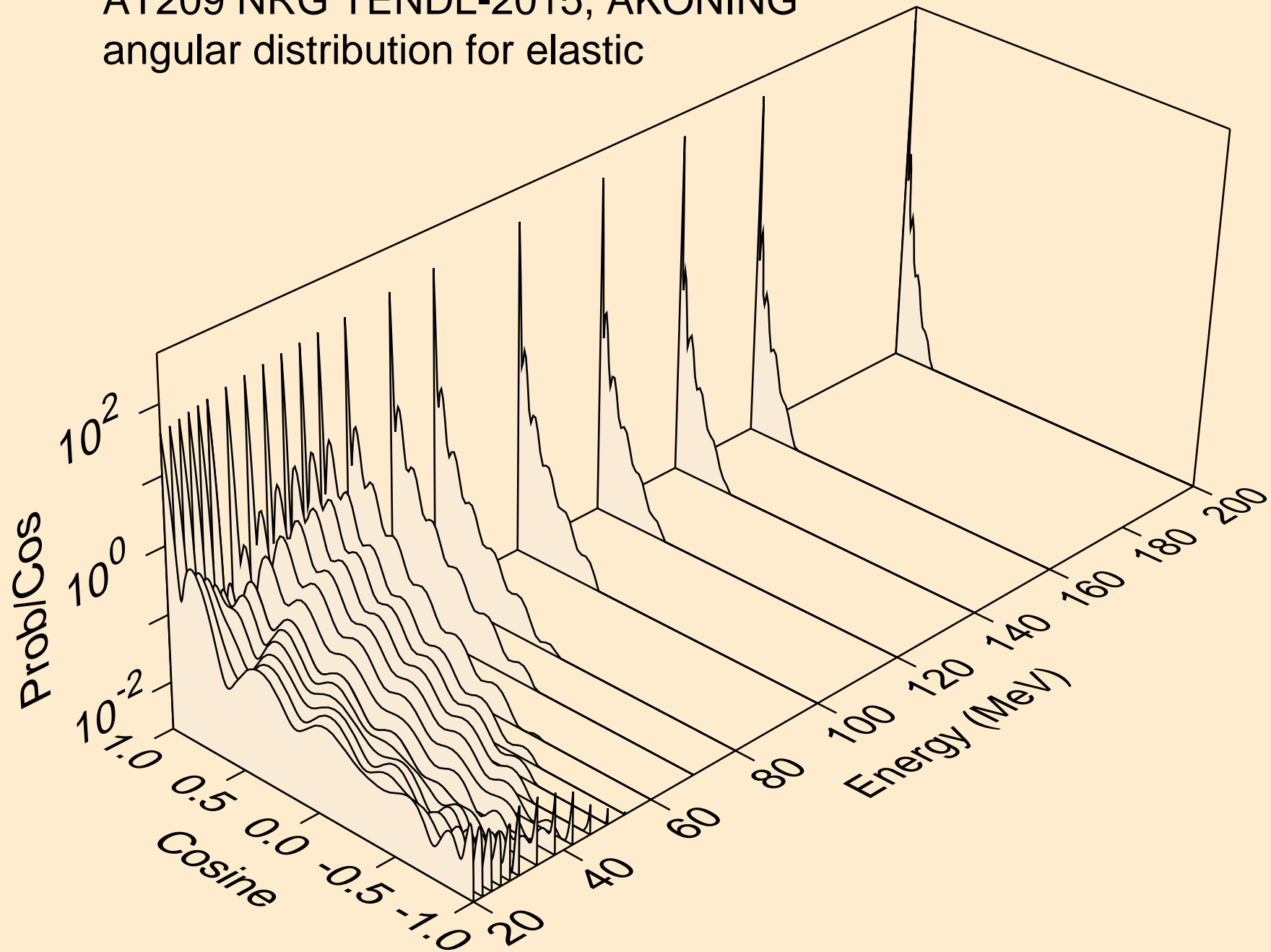




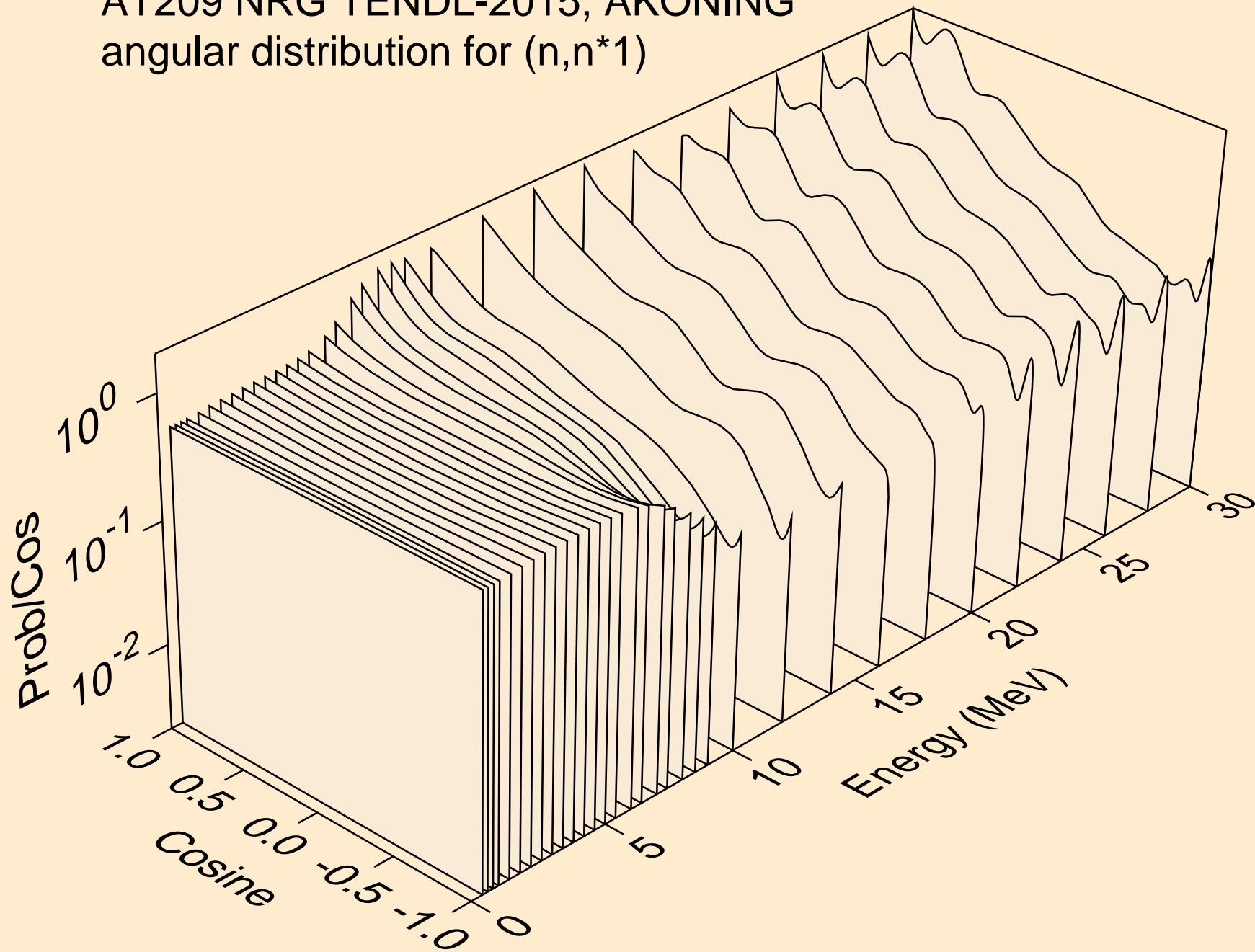
AT209 NRG TENDL-2015, AKONING  
angular distribution for elastic



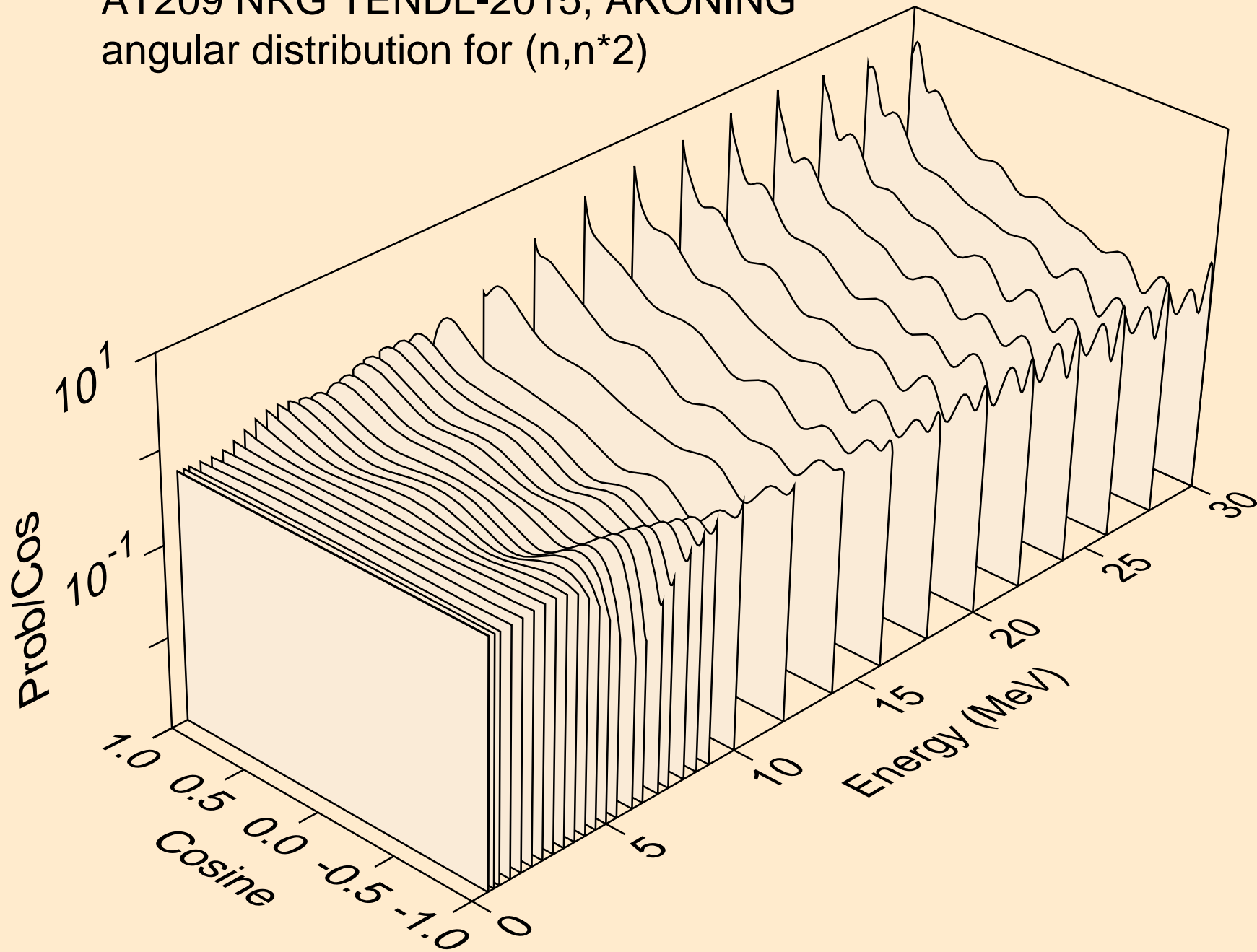
AT209 NRG TENDL-2015, AKONING  
angular distribution for elastic



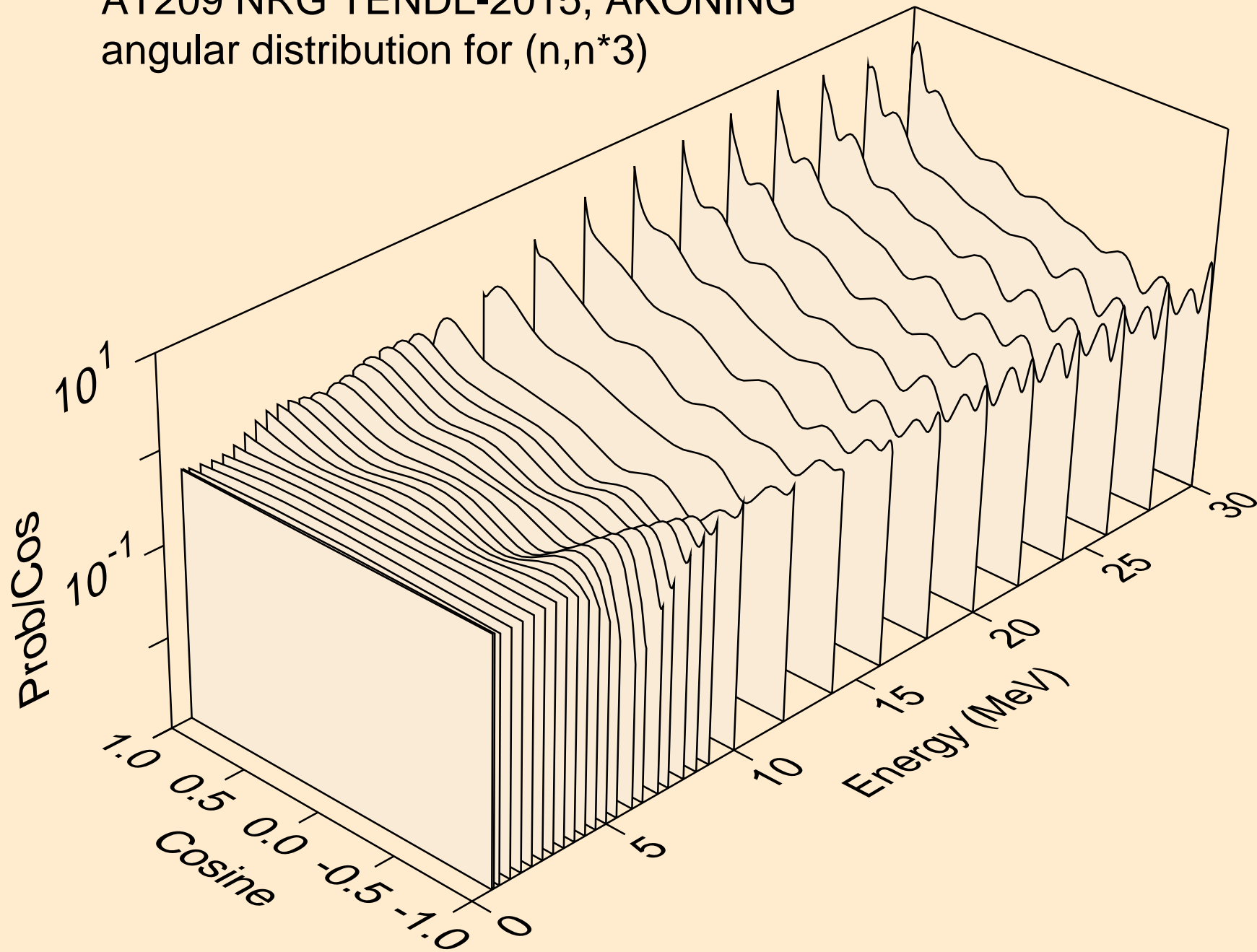
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



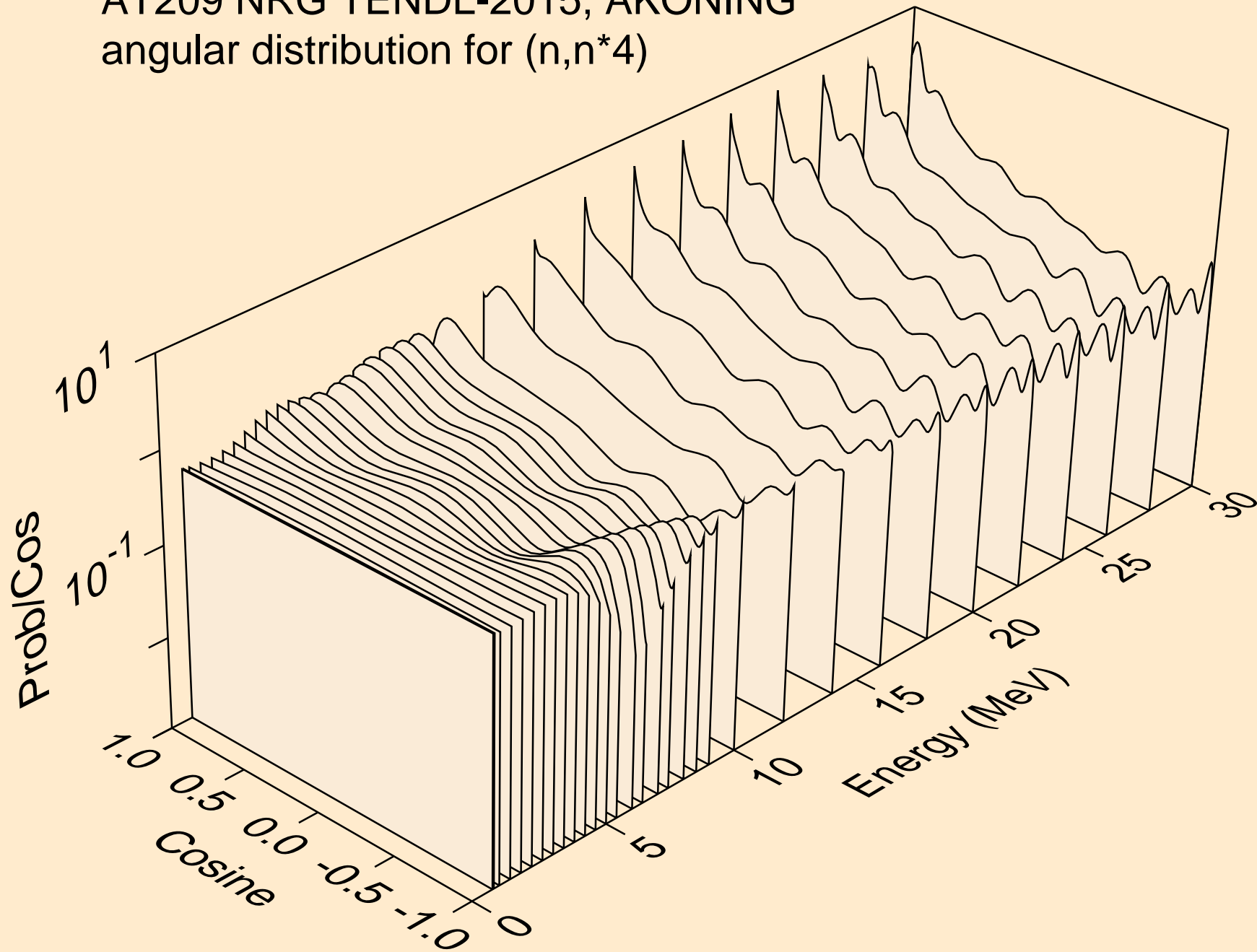
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



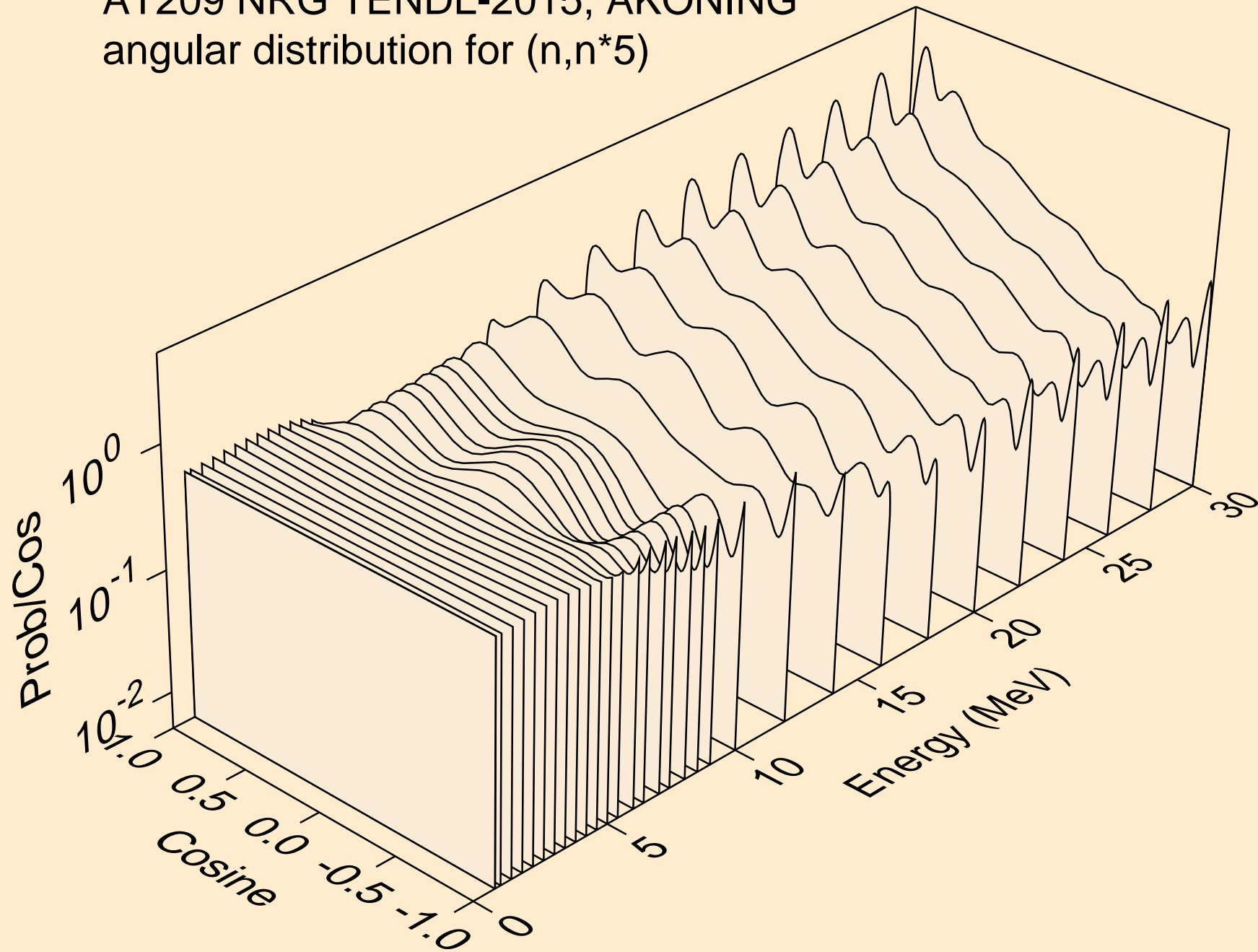
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



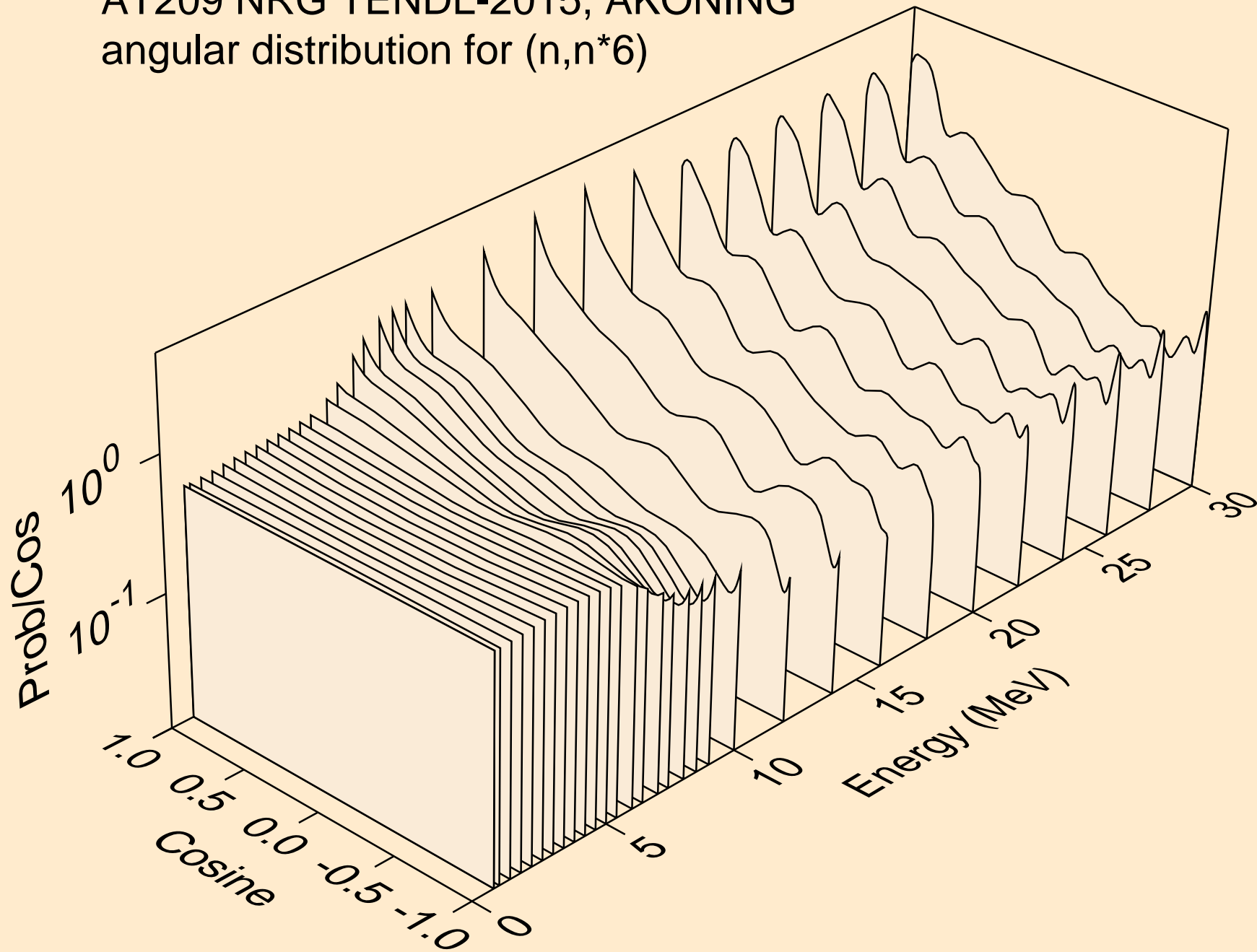
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

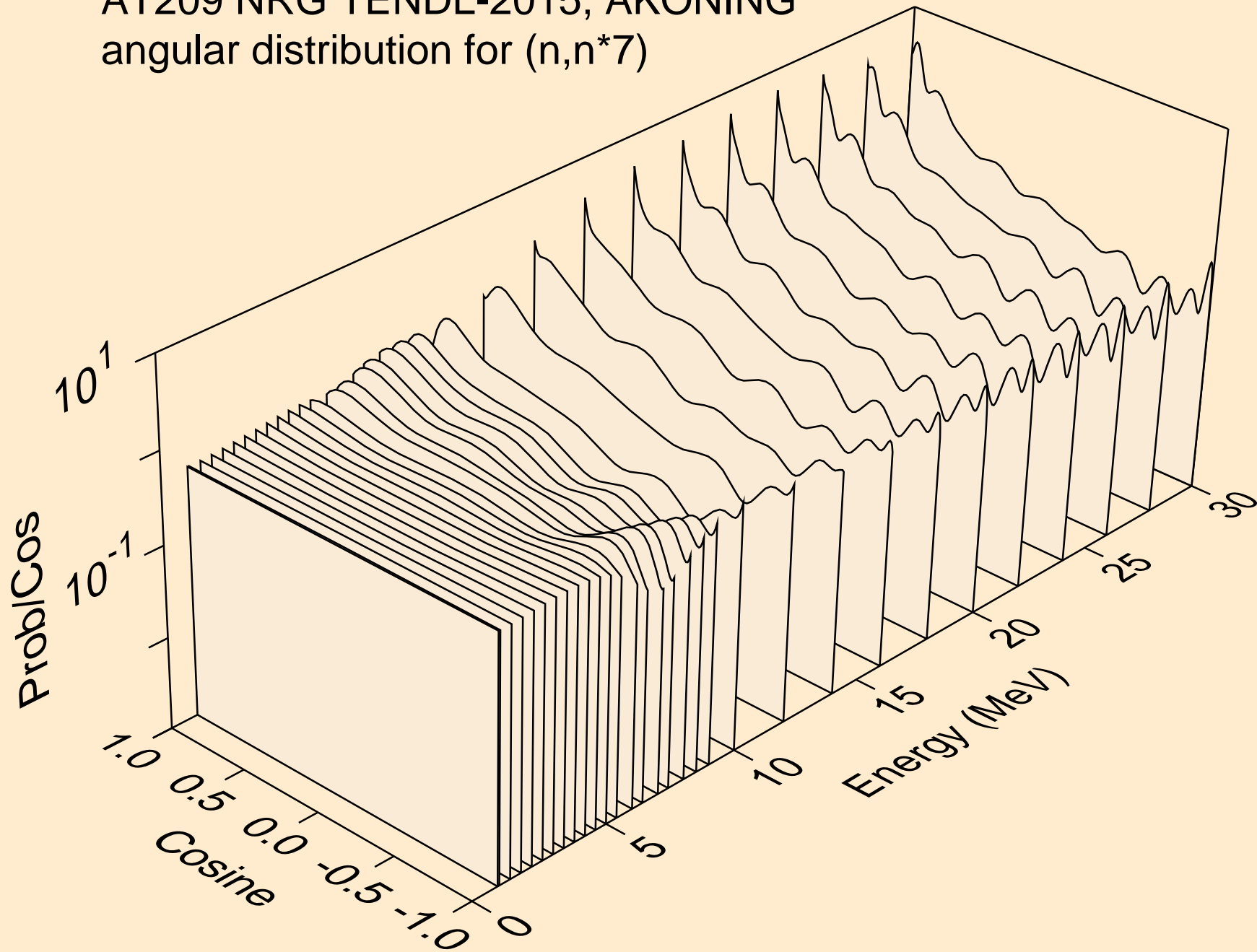


AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

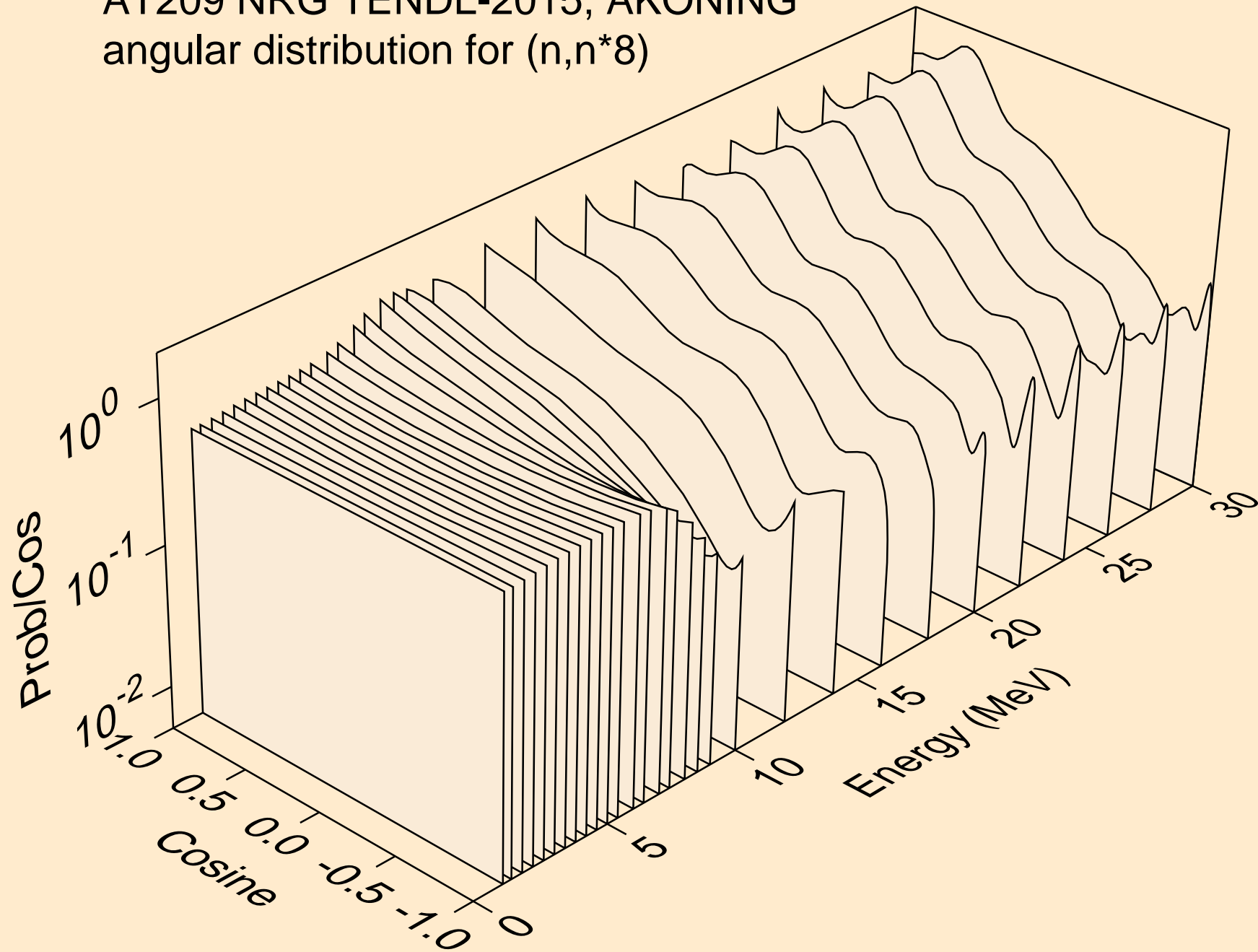




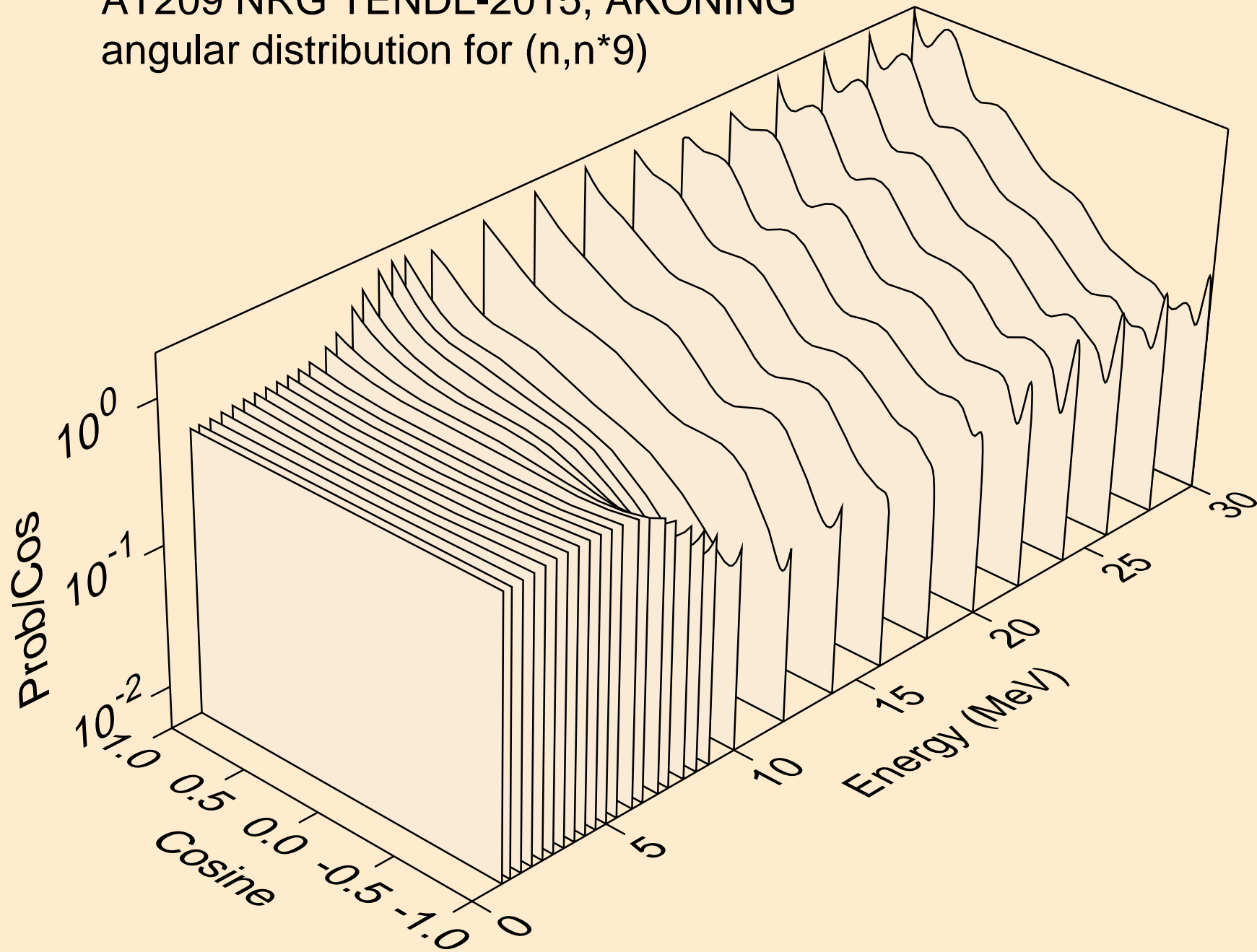
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



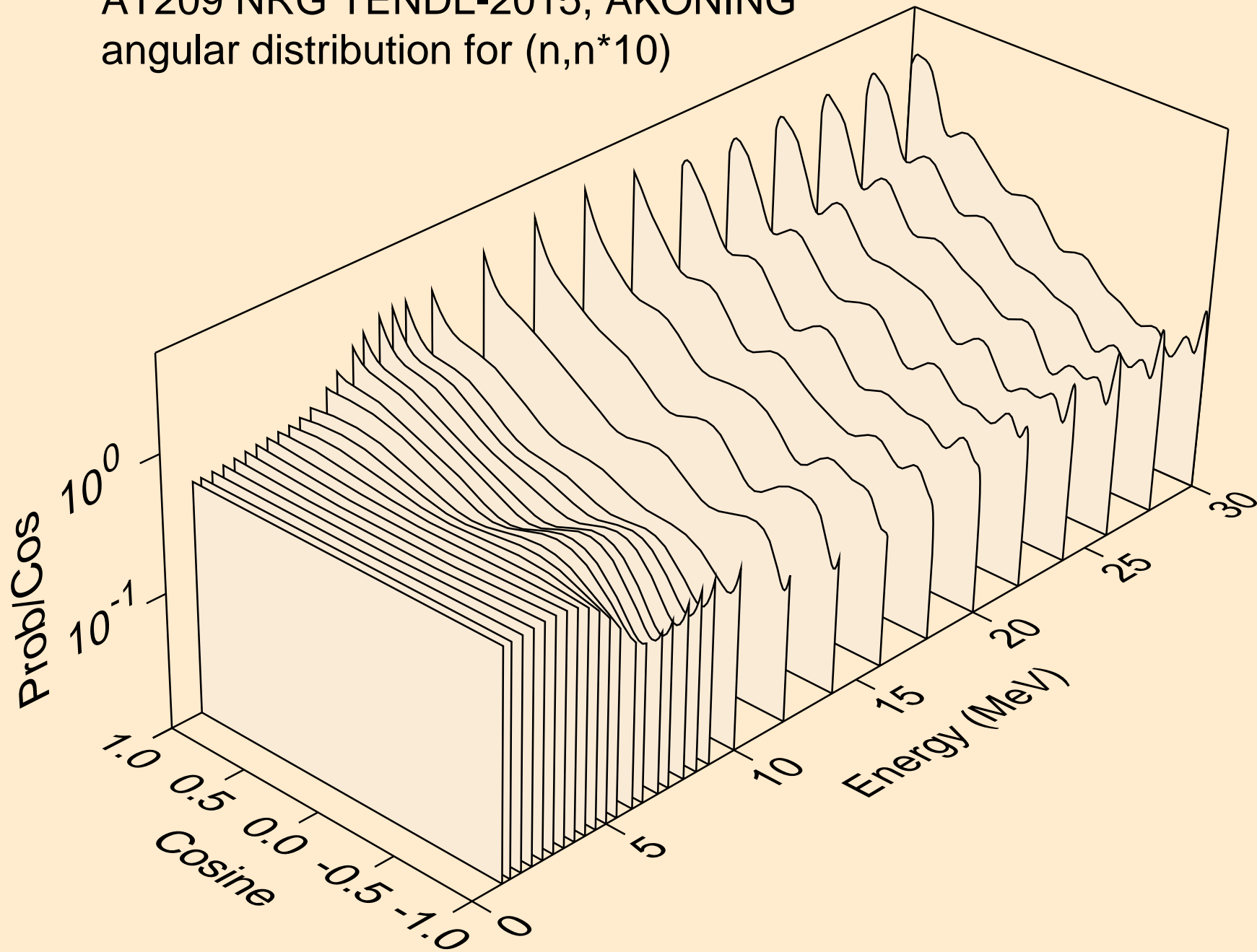
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



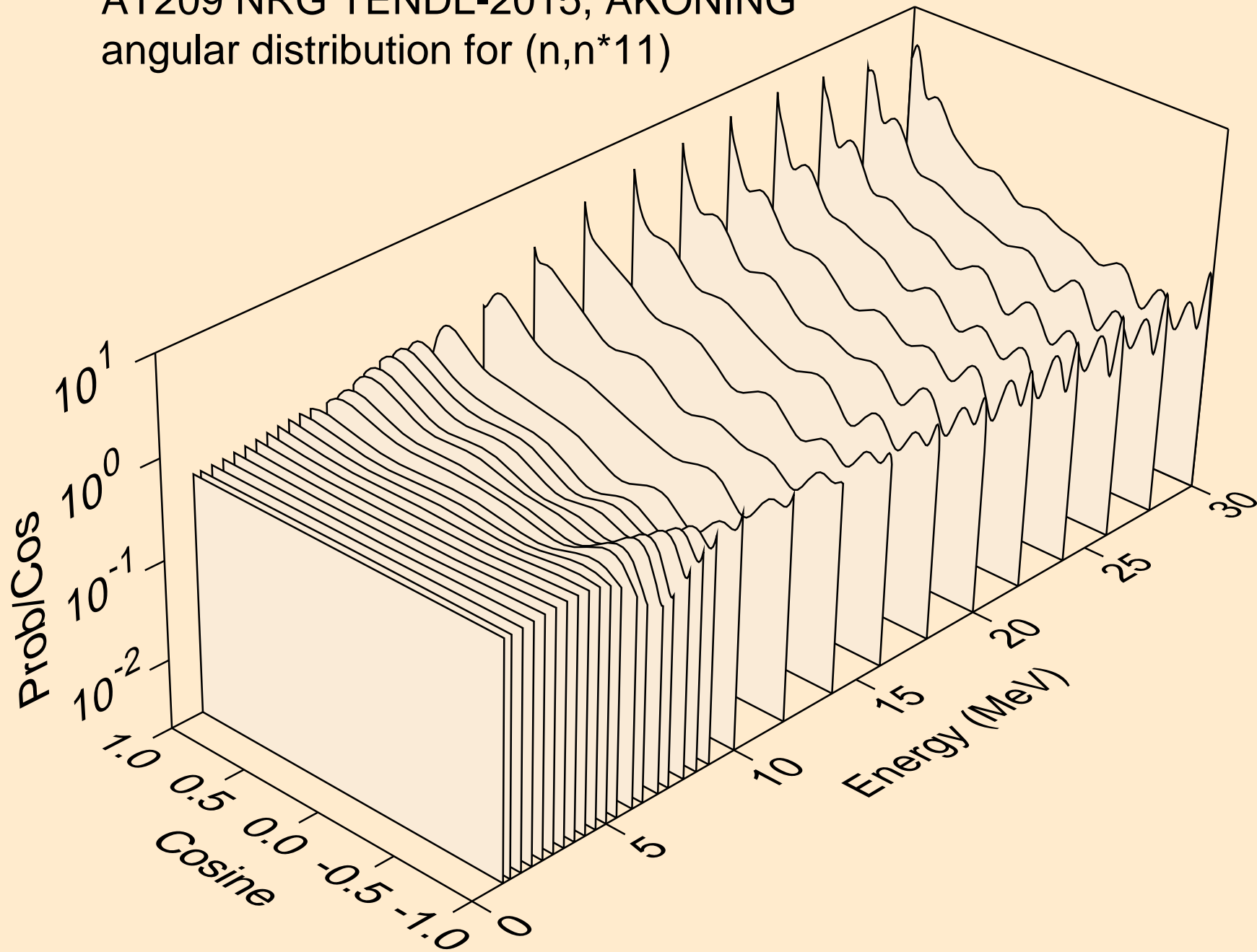
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



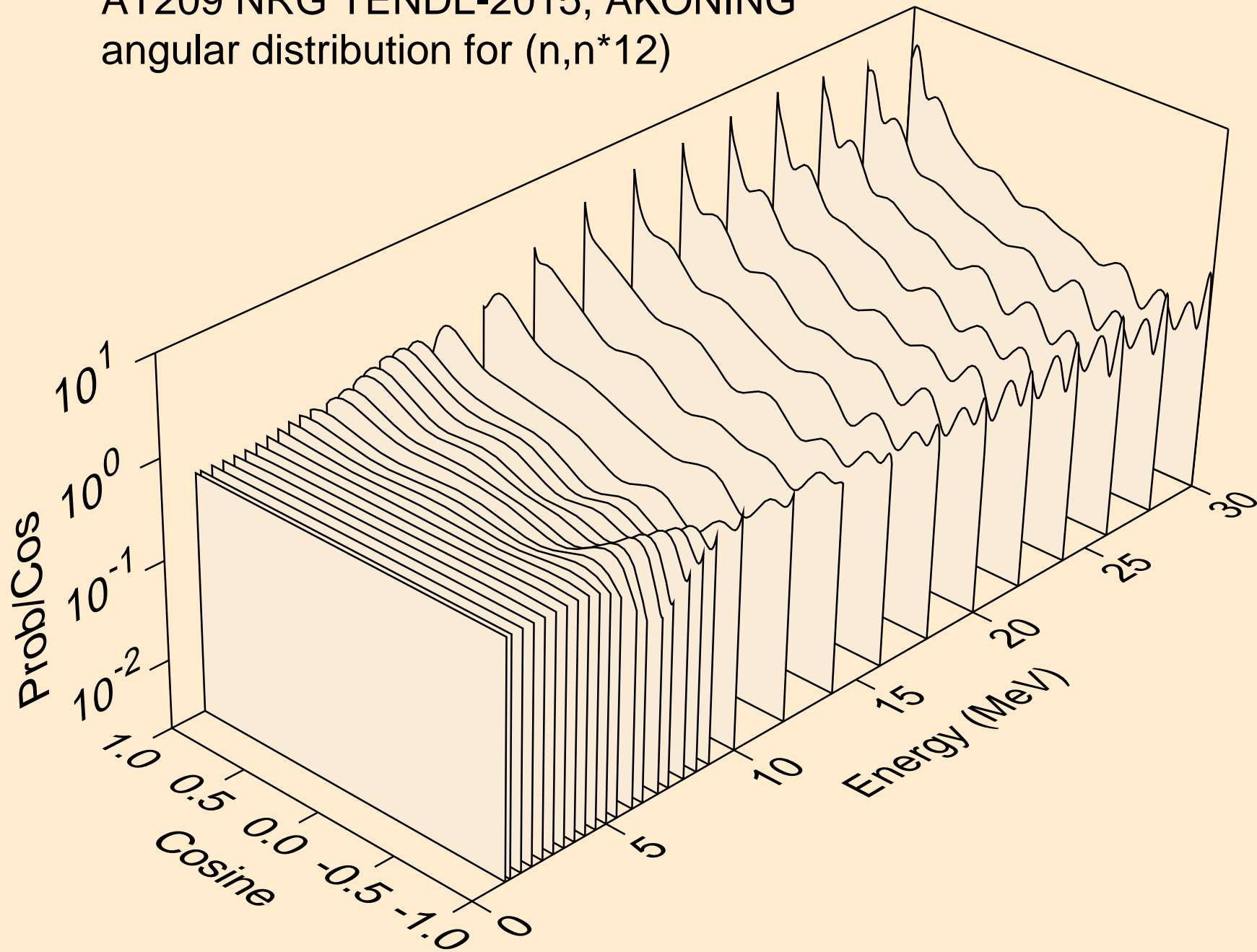
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



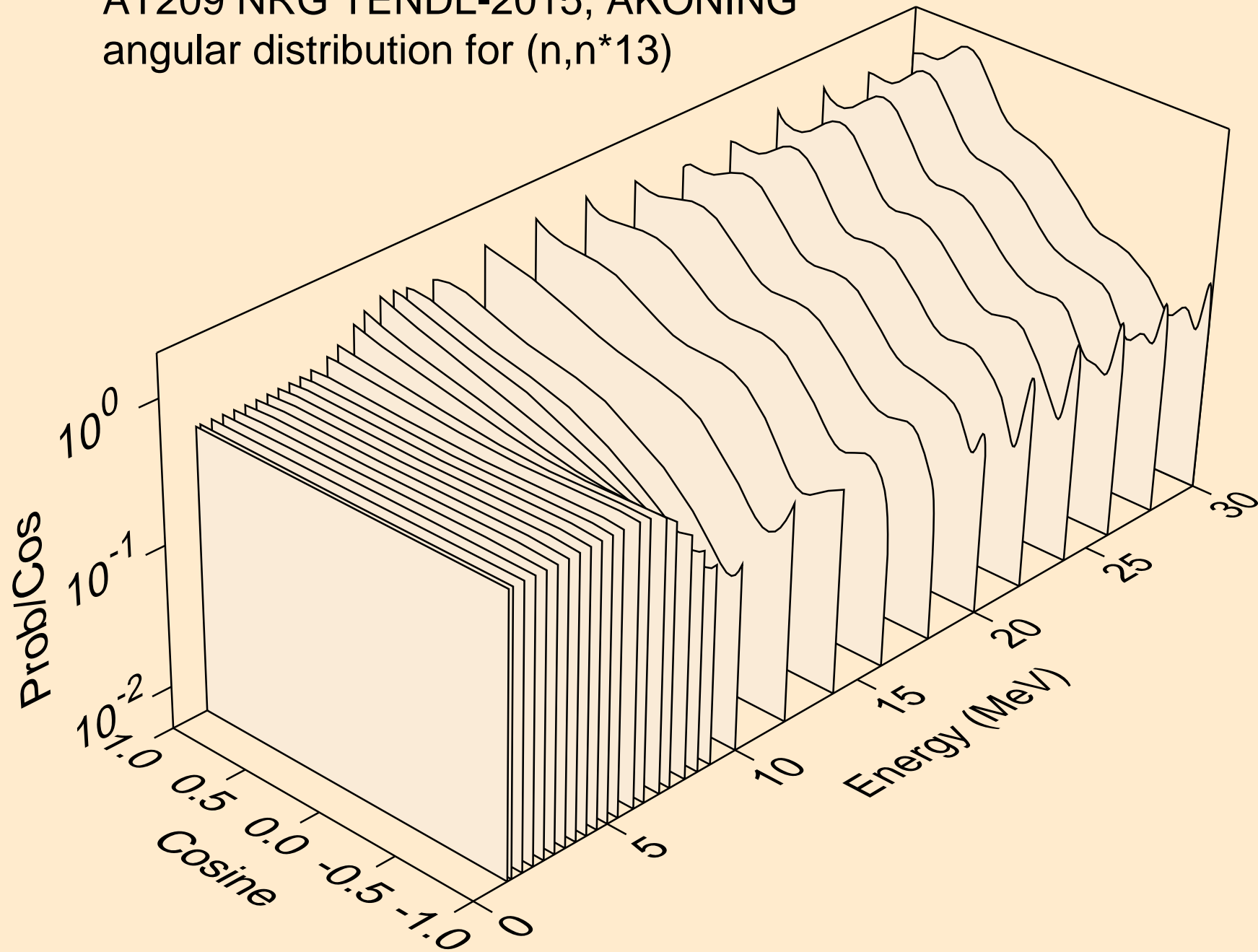
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



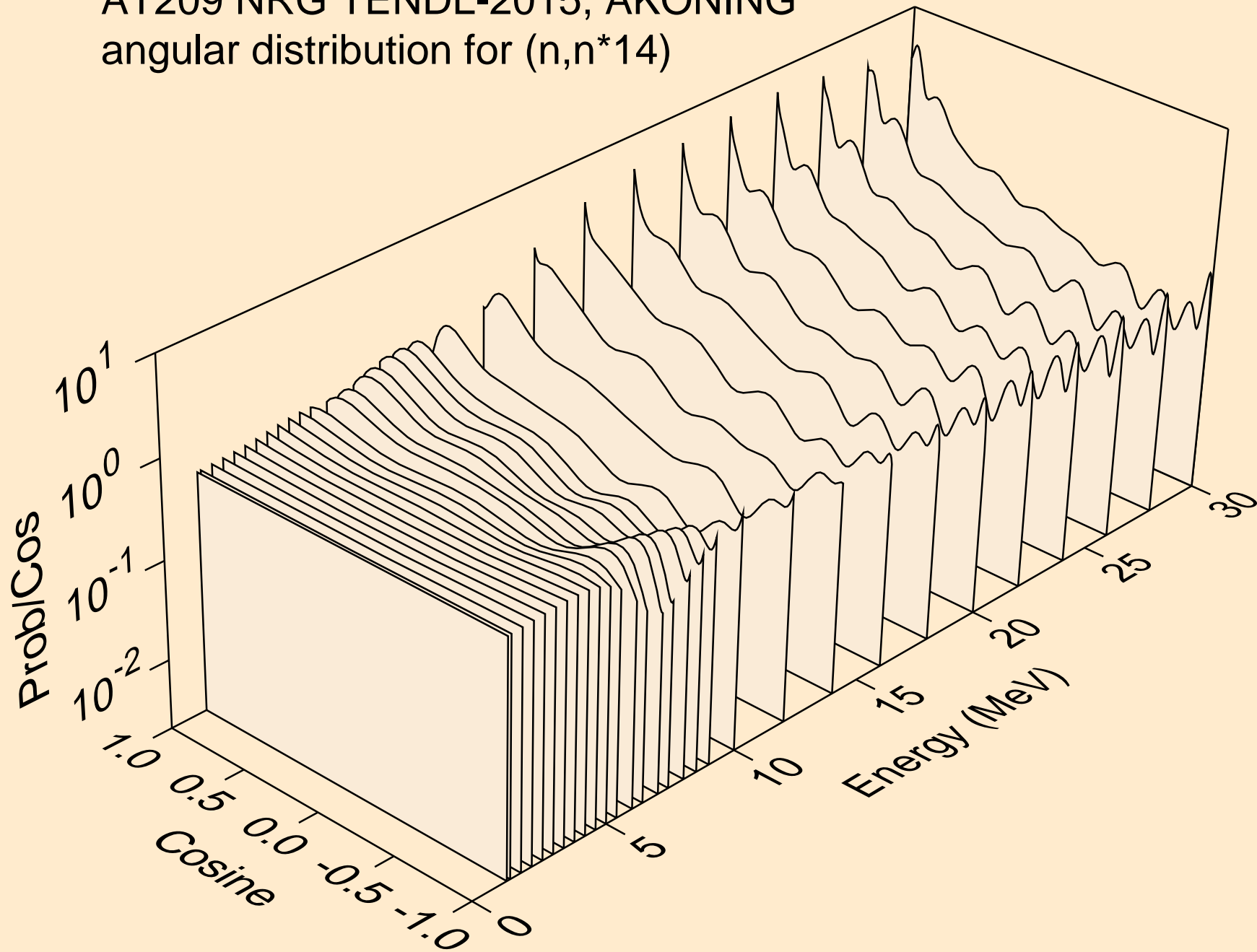
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

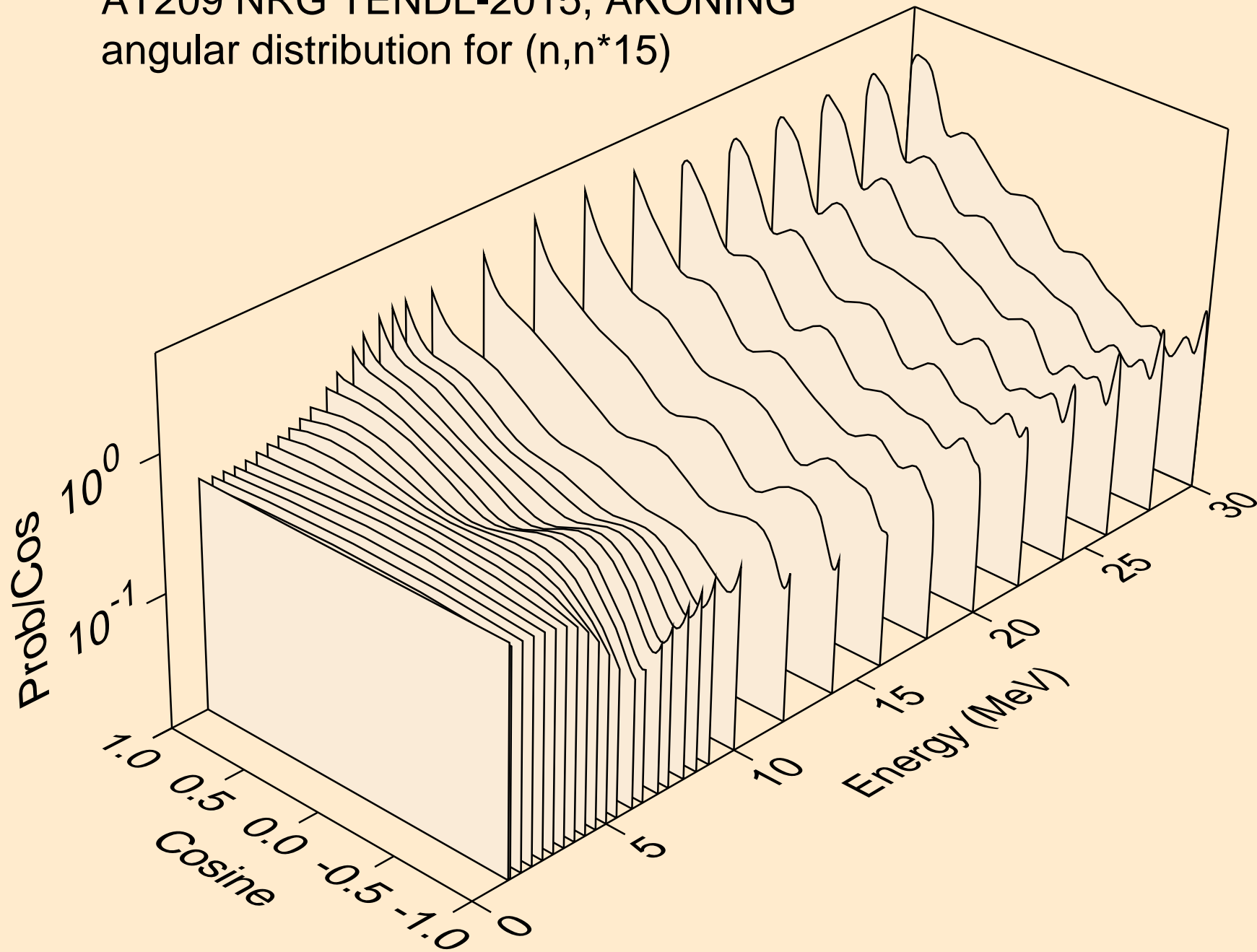


AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

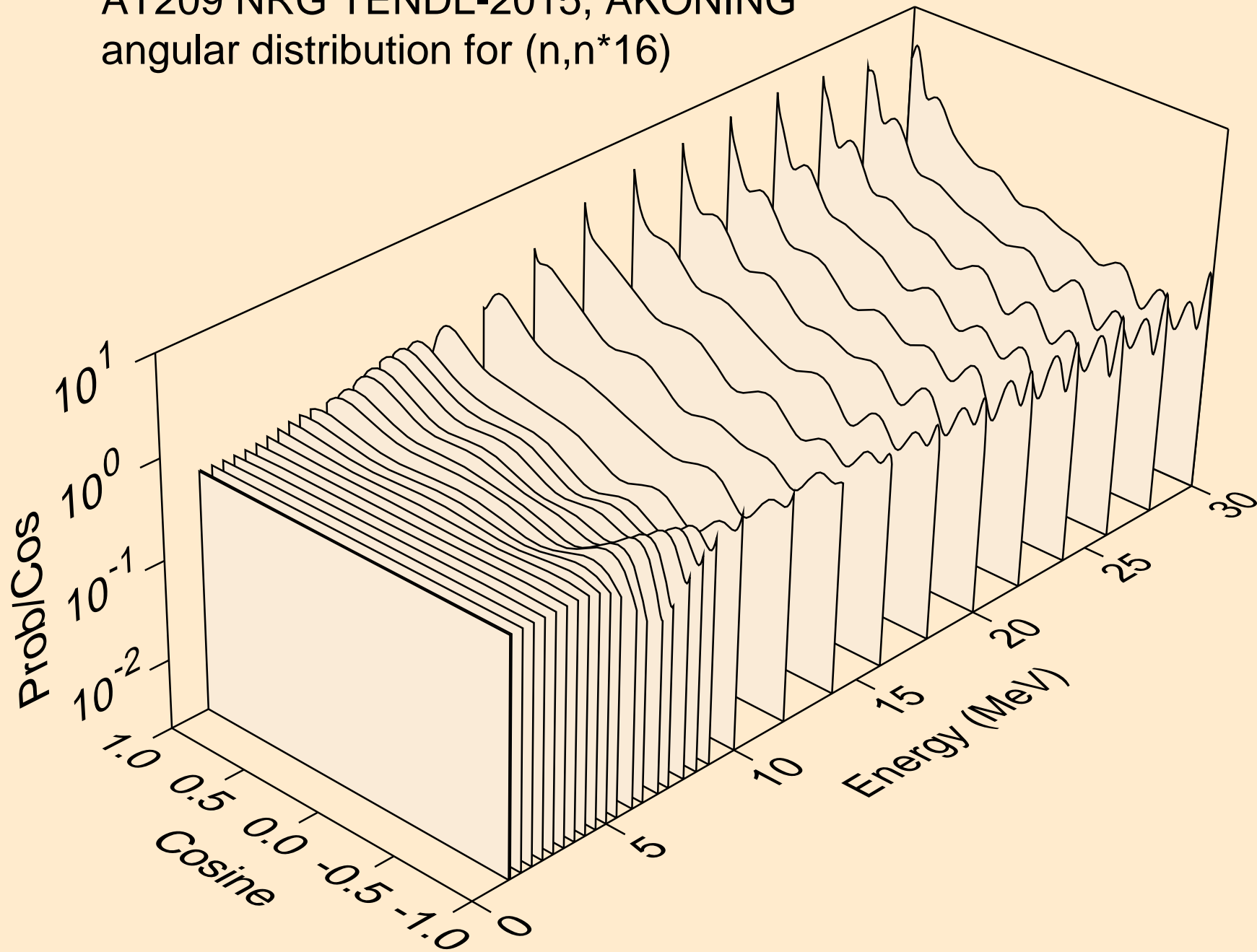




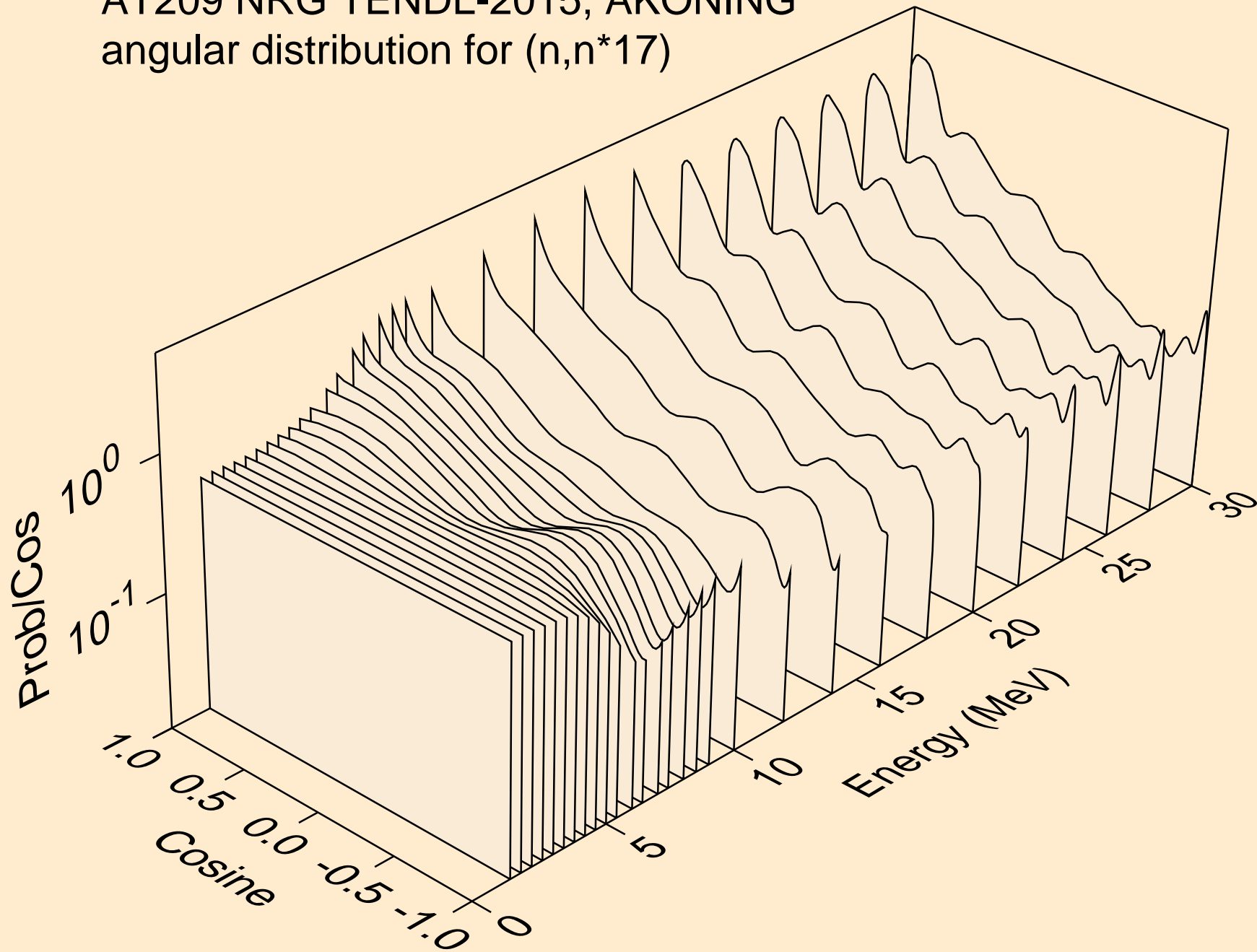
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



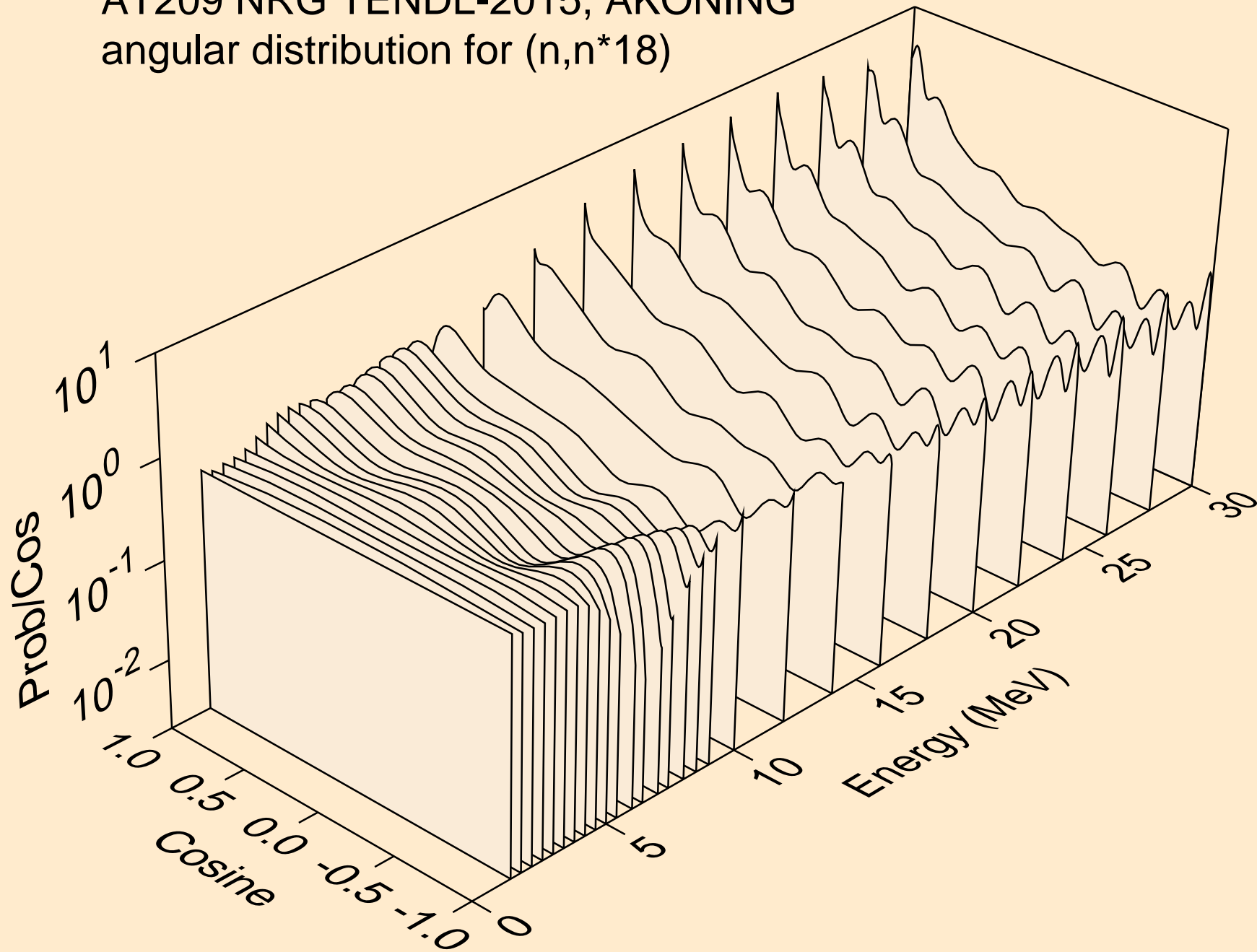
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



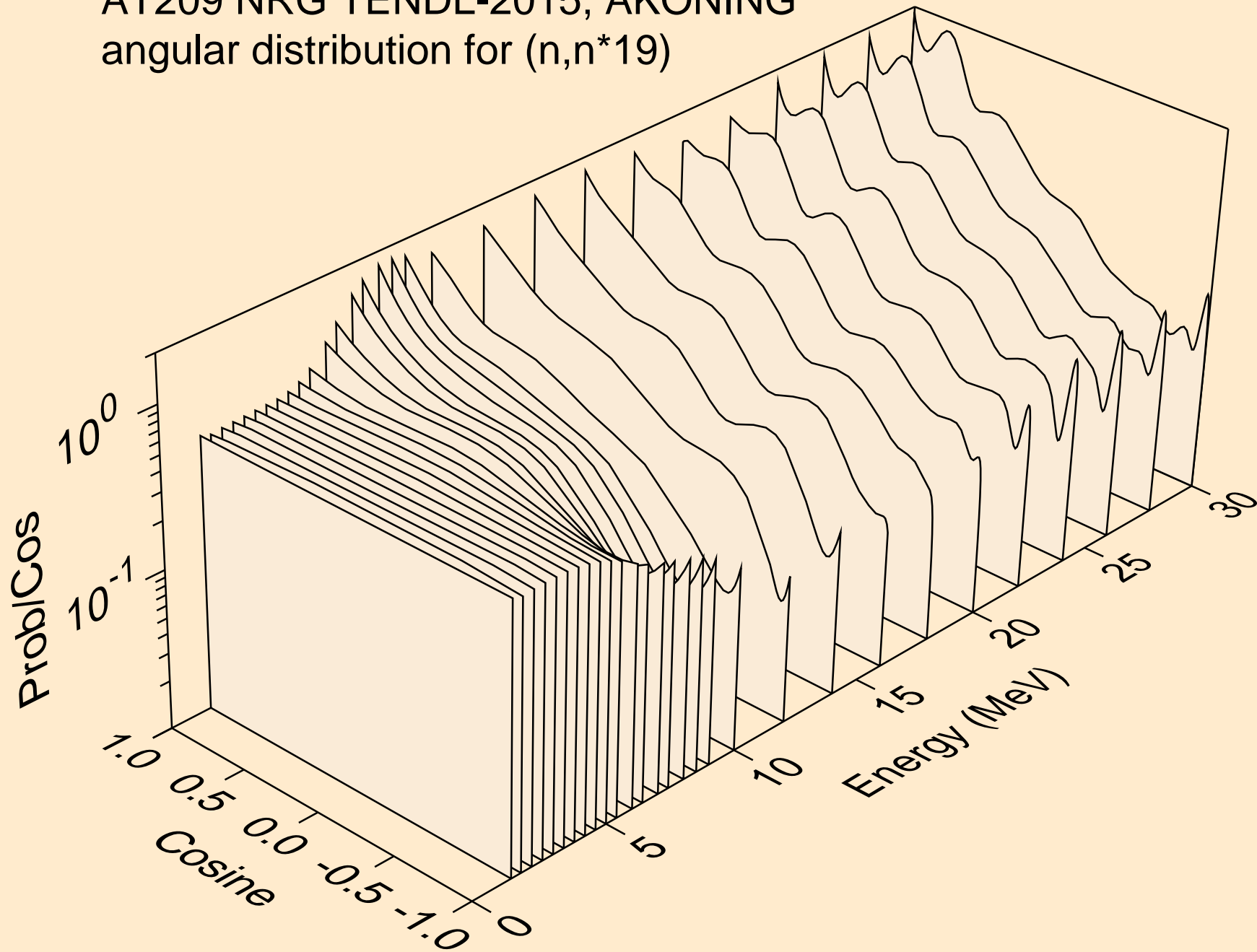
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



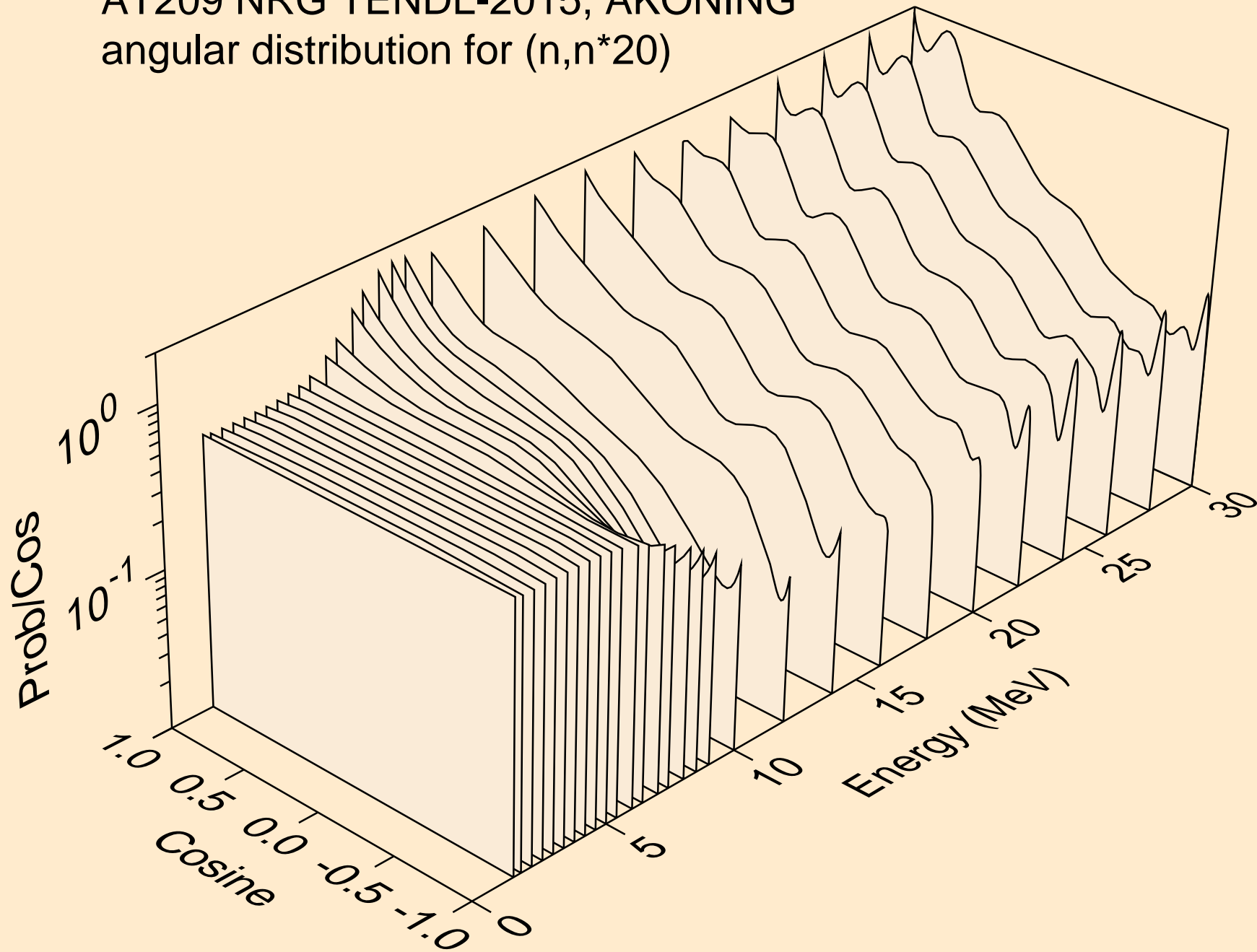
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



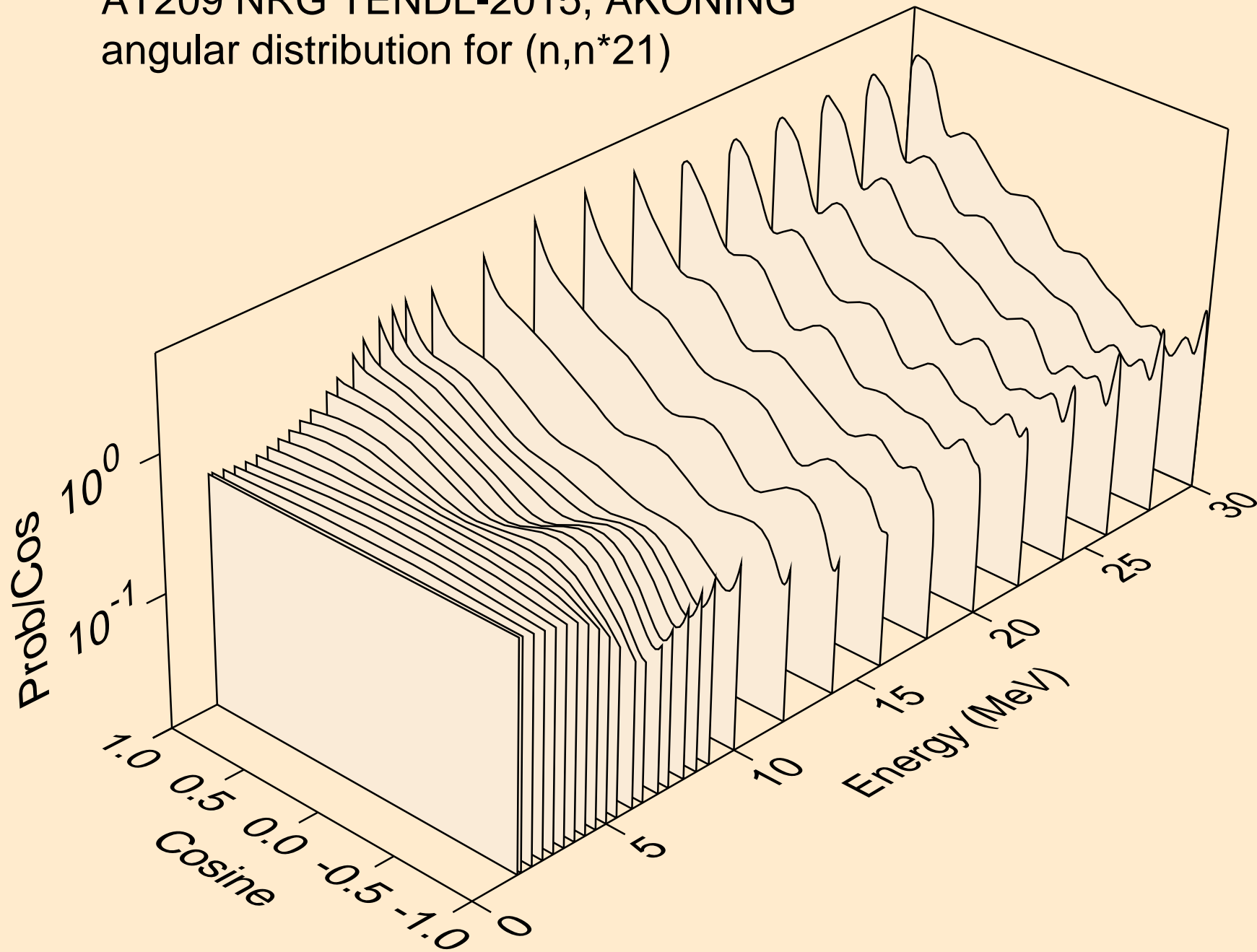
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



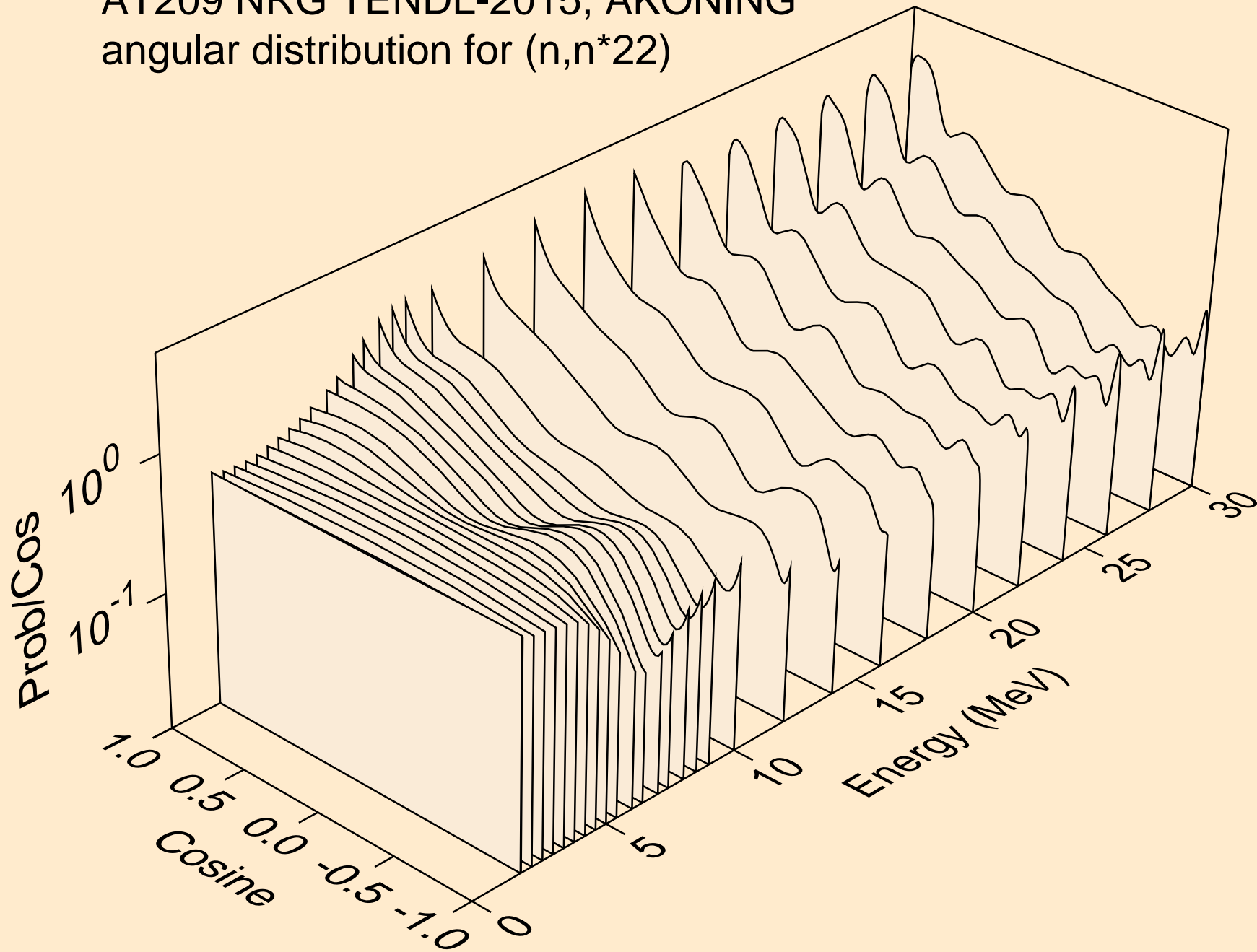
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

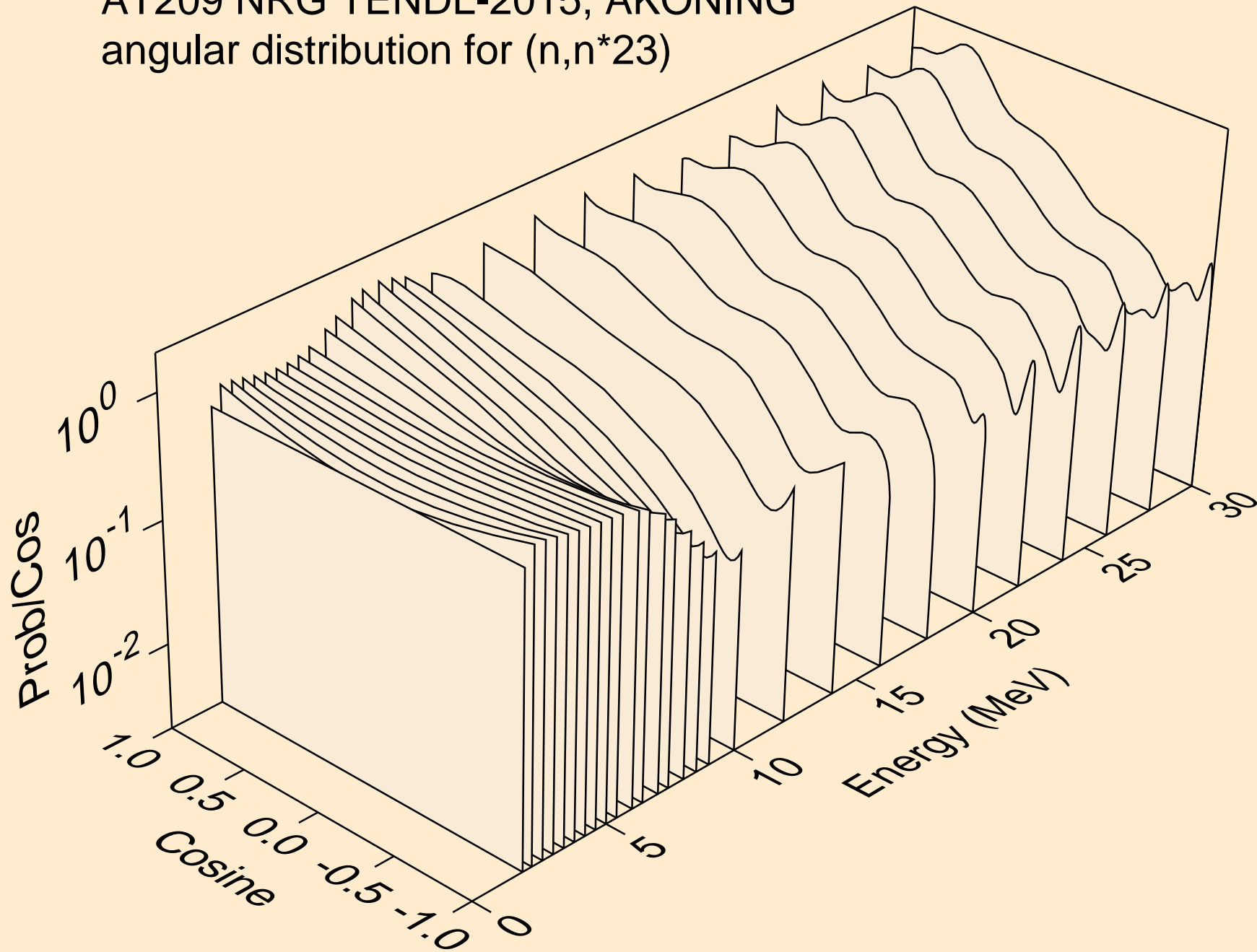


AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

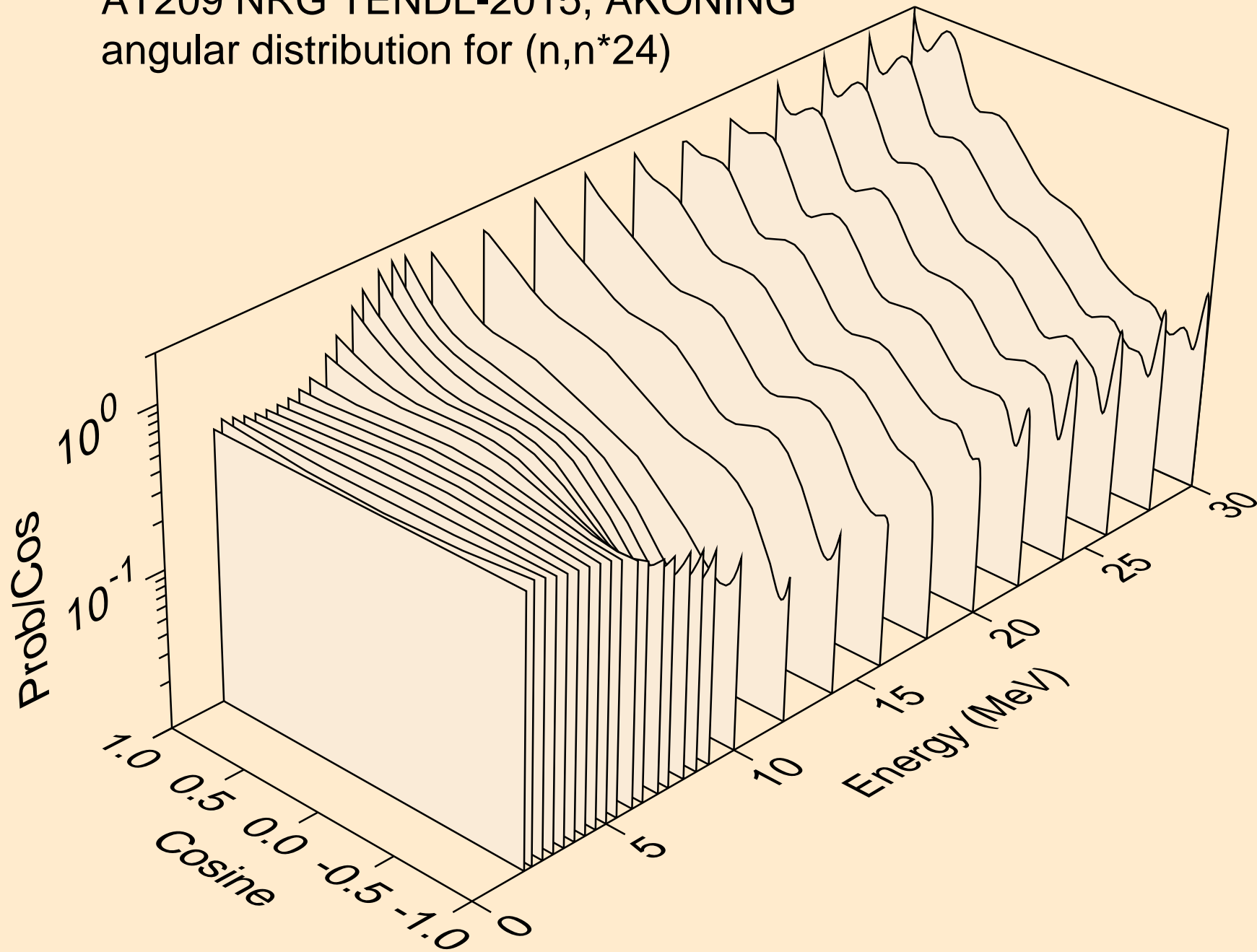




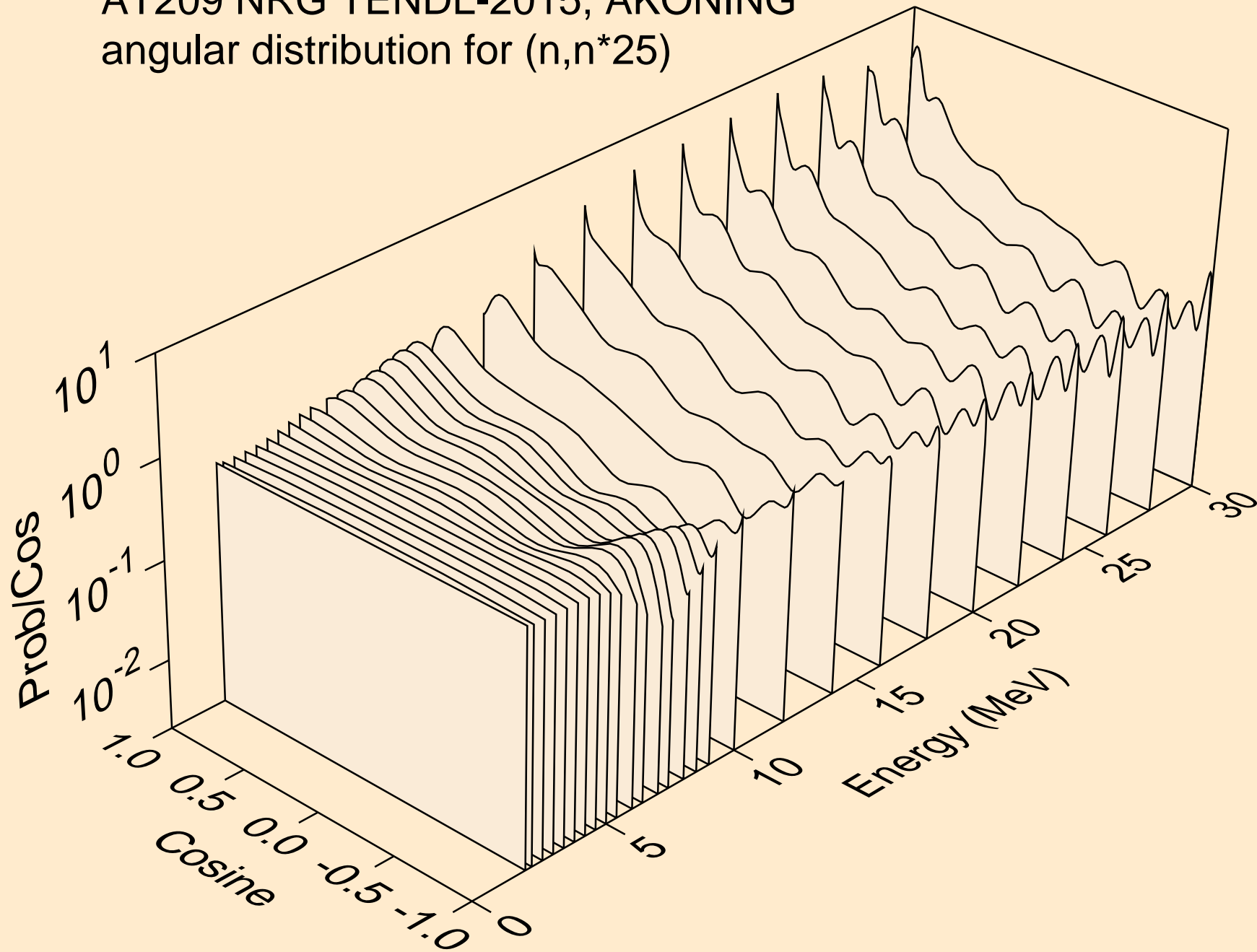
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angular distribution for (n,n\*23)



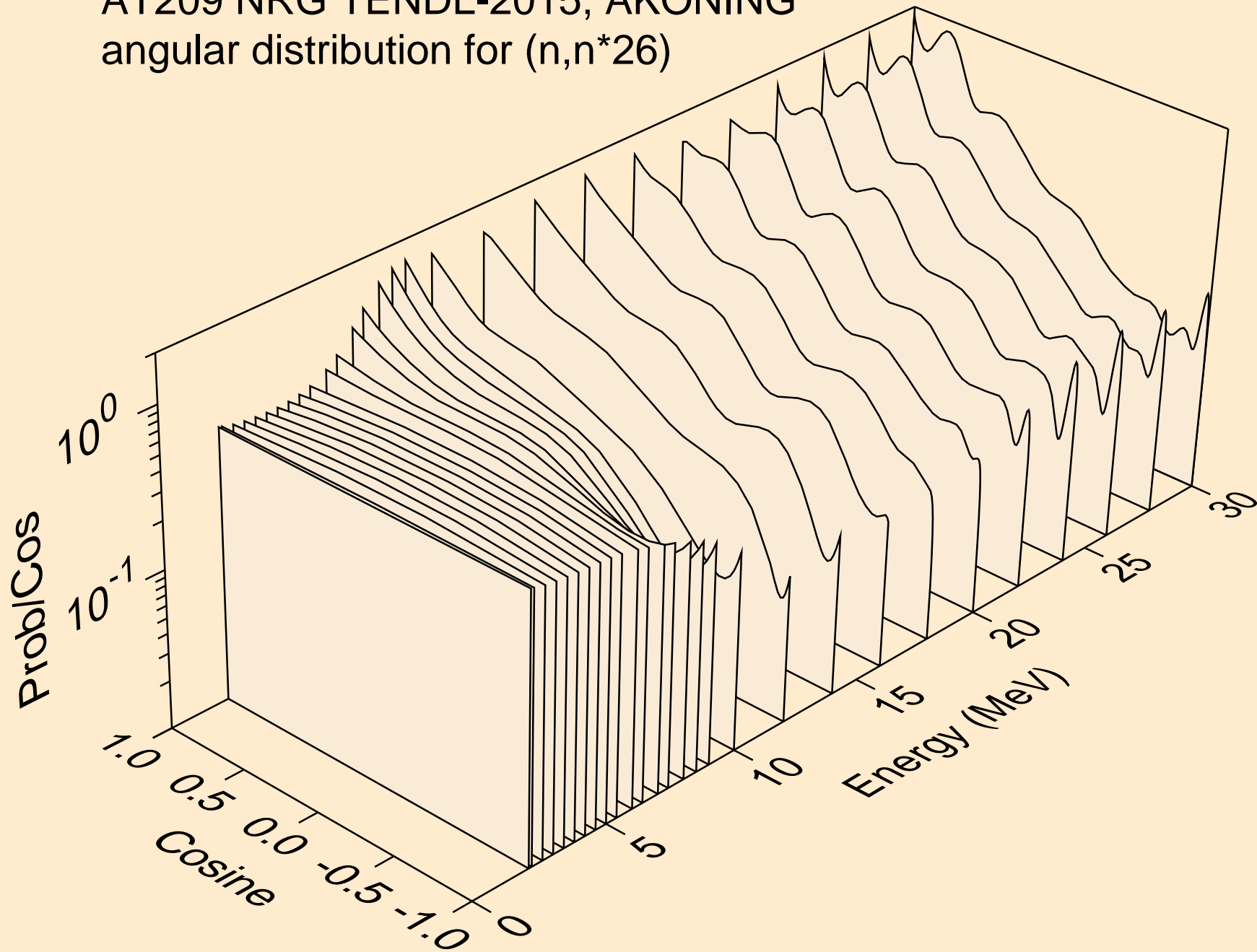
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angular distribution for (n,n\*24)



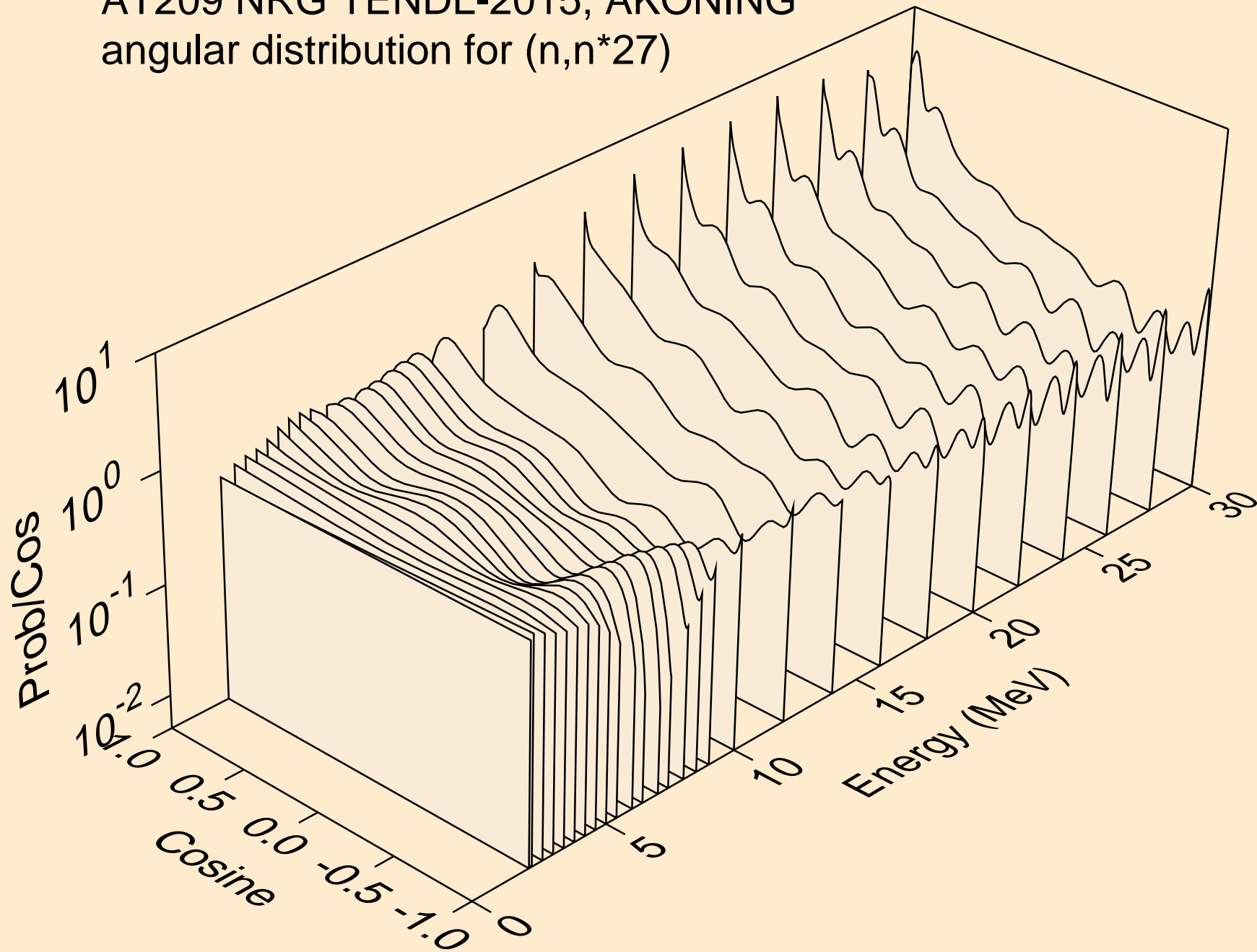
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angular distribution for (n,n\*25)



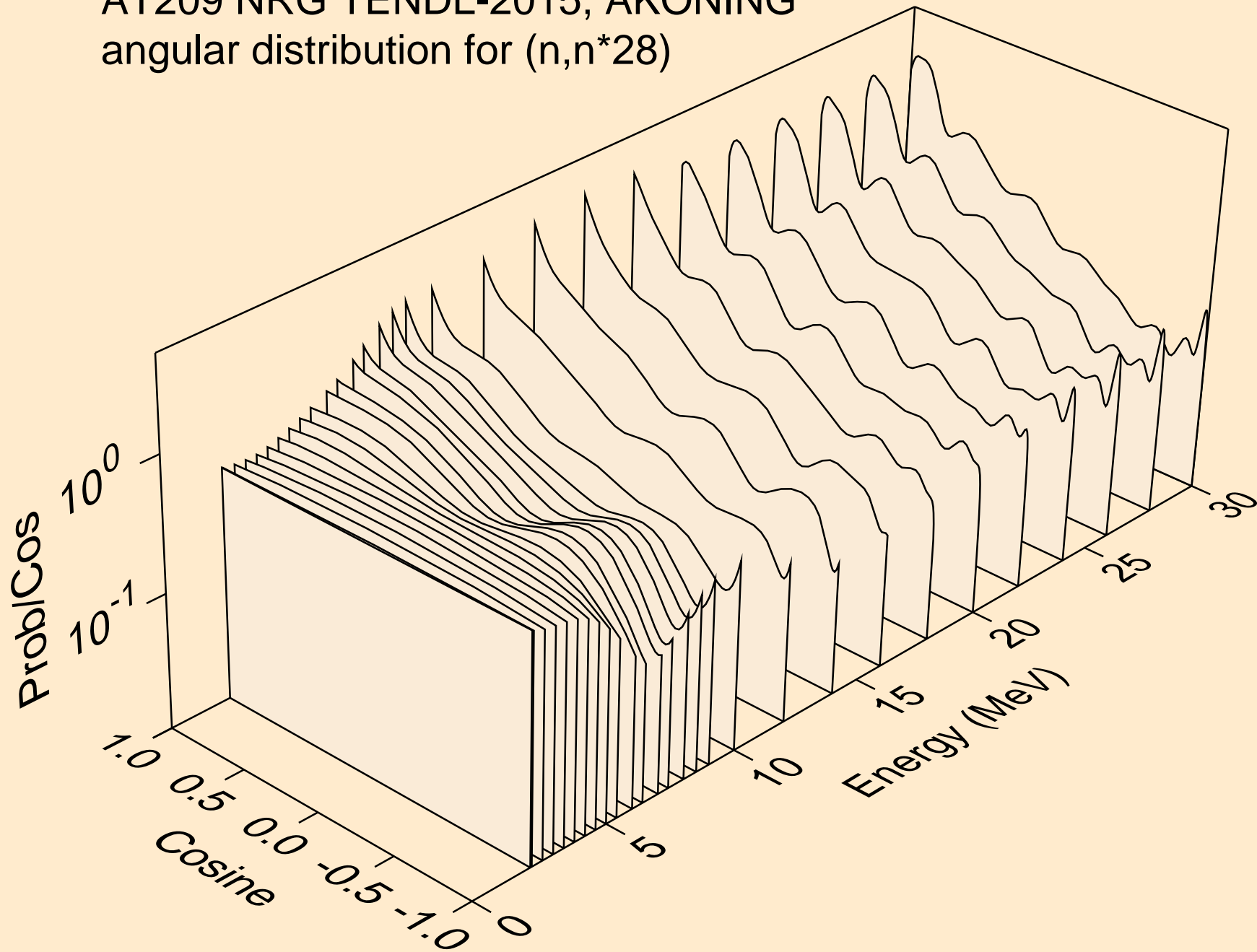
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angular distribution for (n,n\*26)



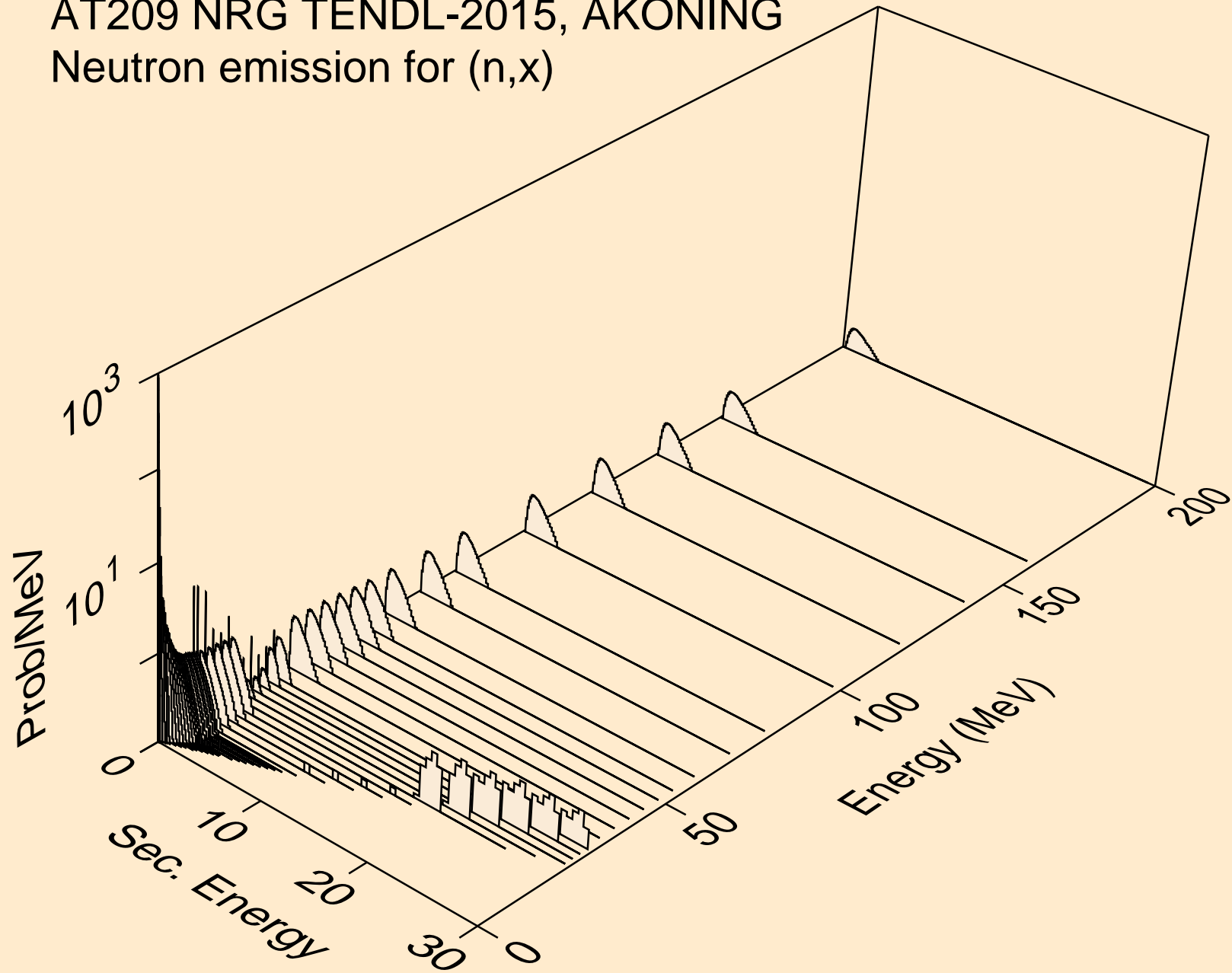
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



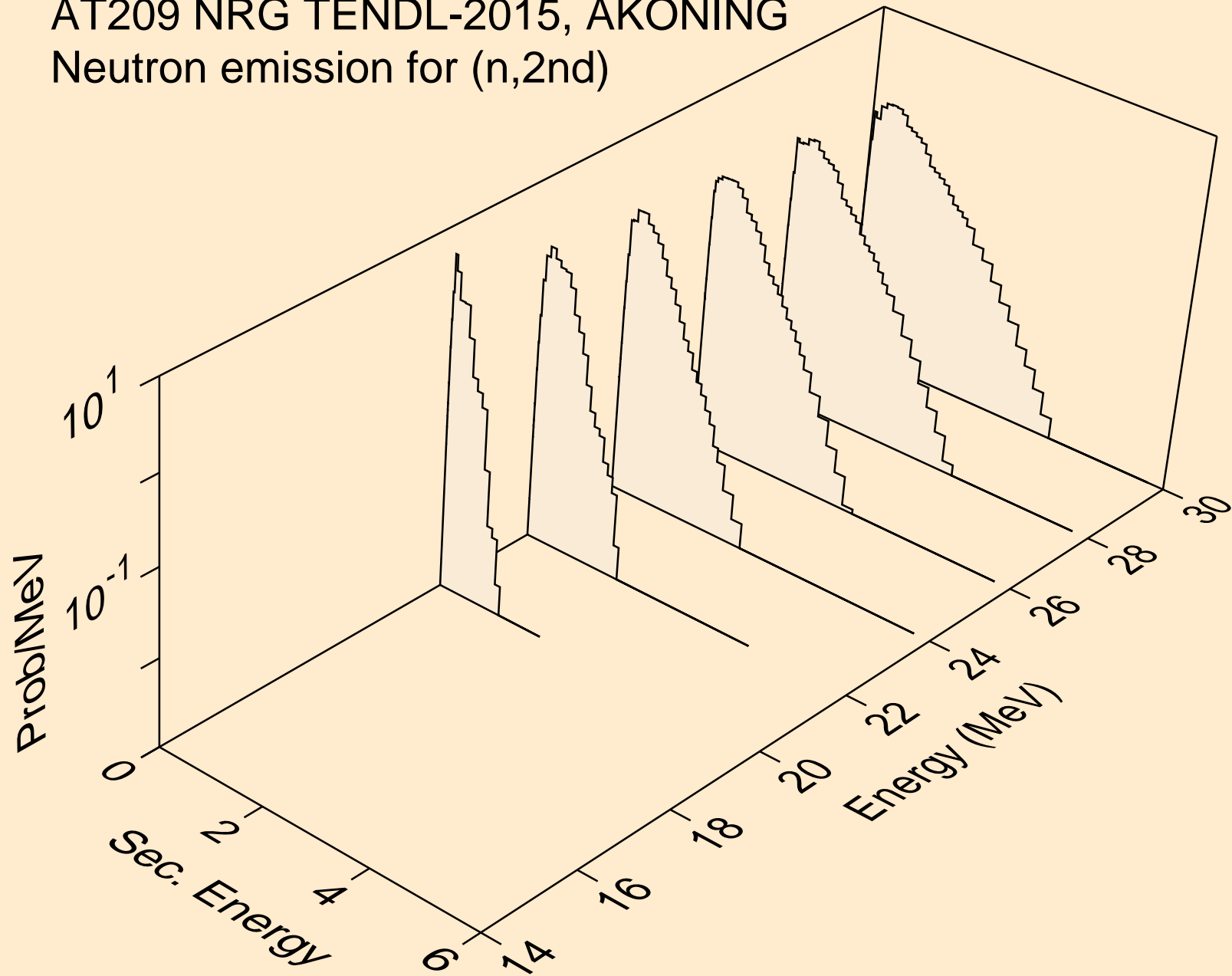
AT209 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

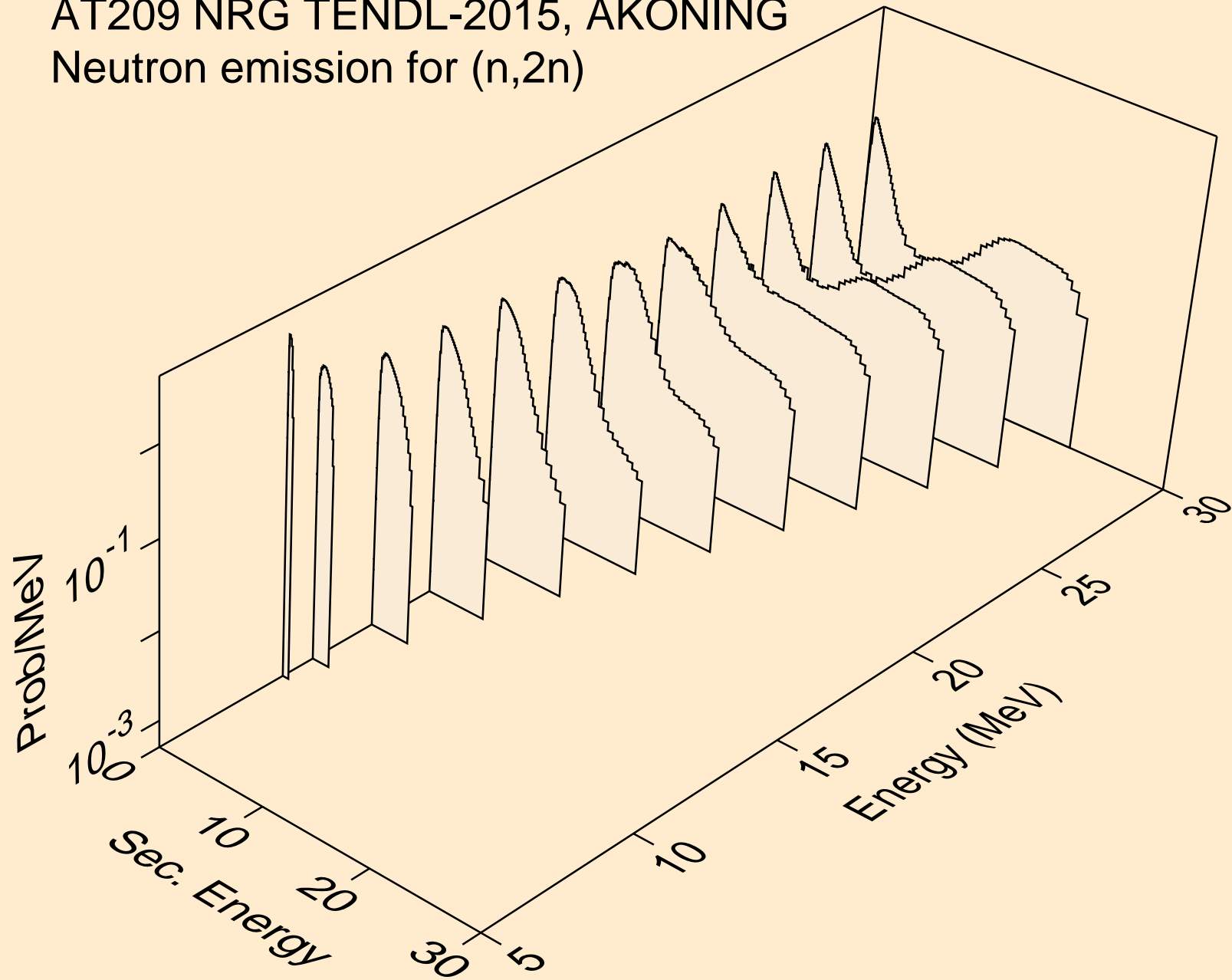


AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

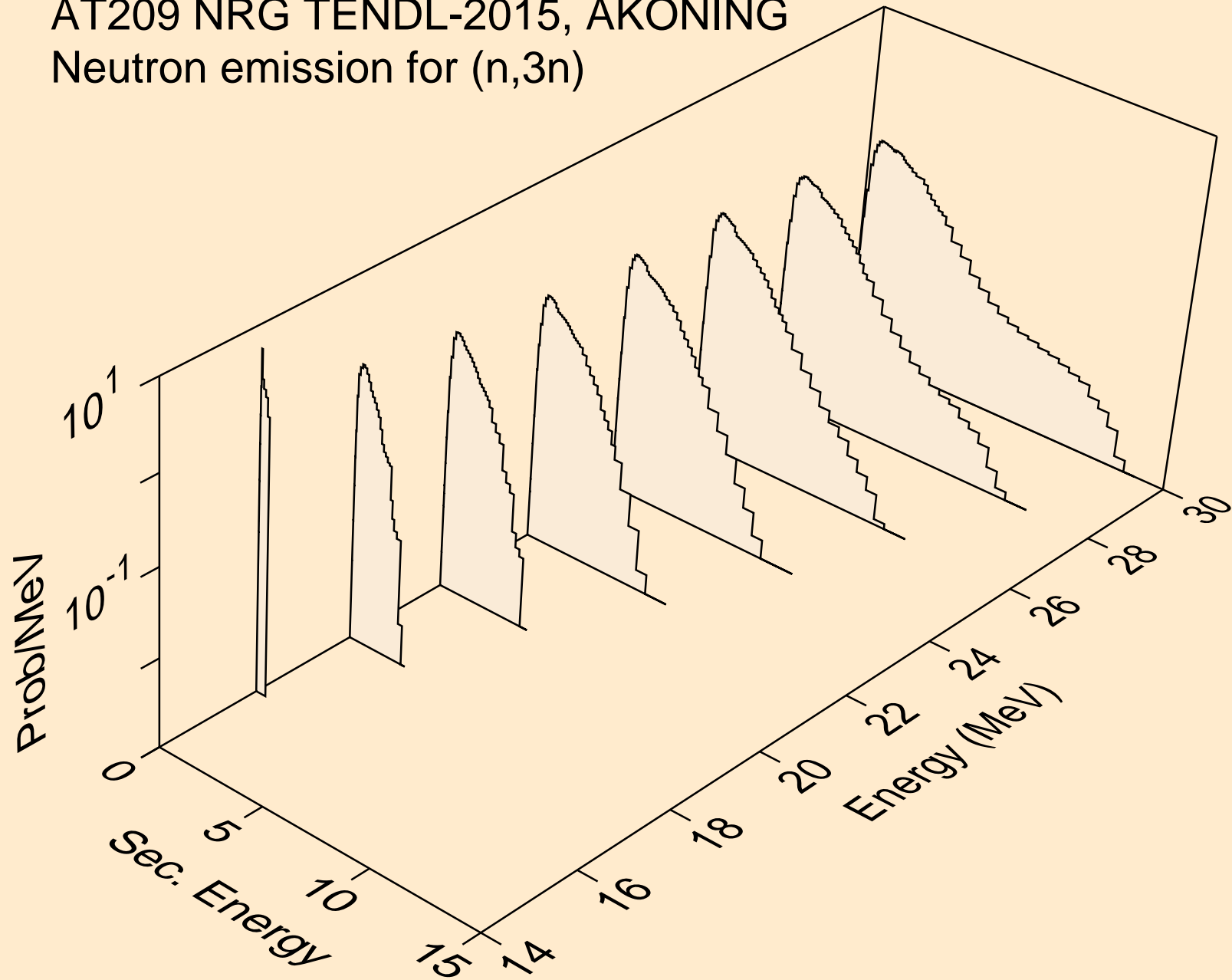




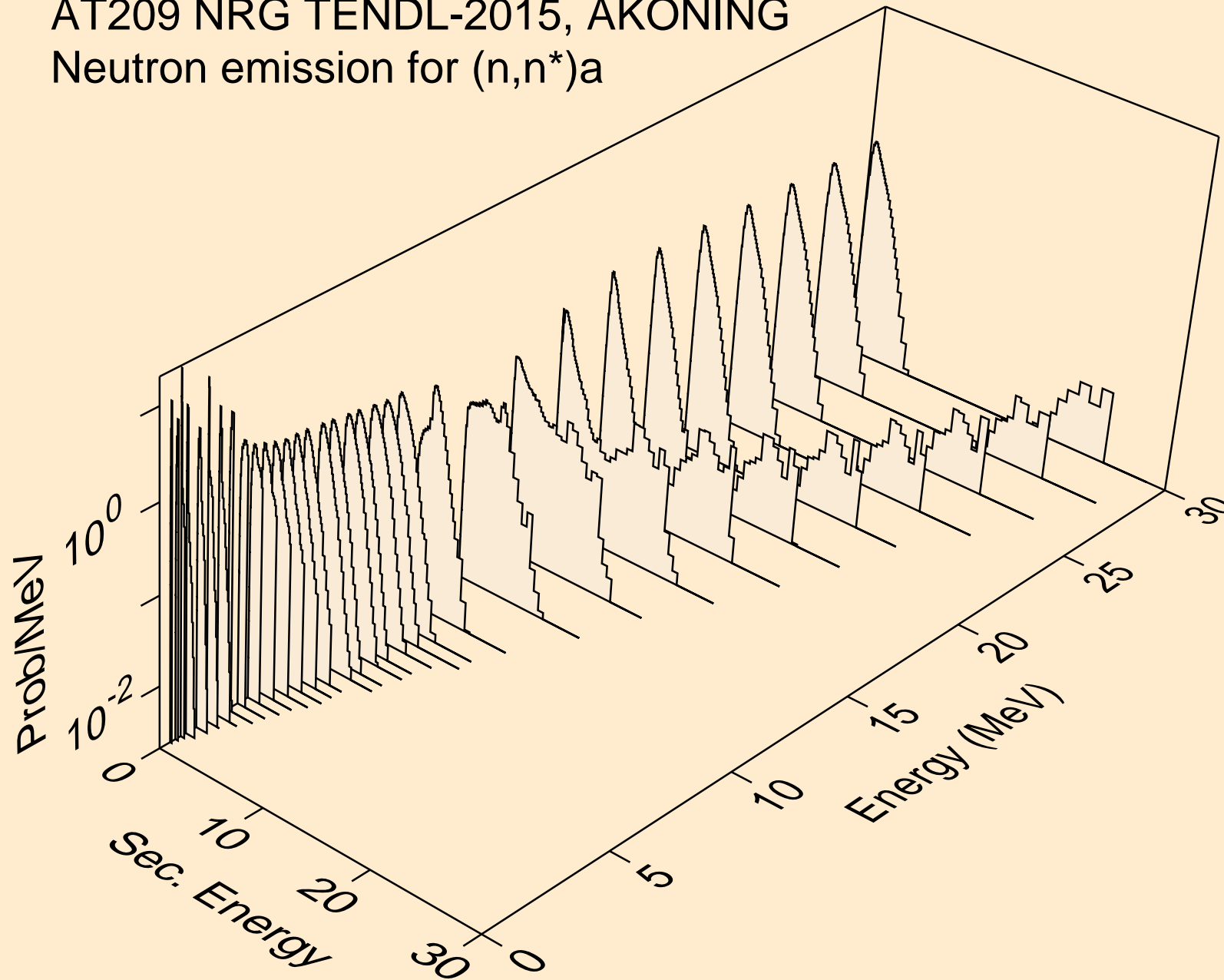
AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



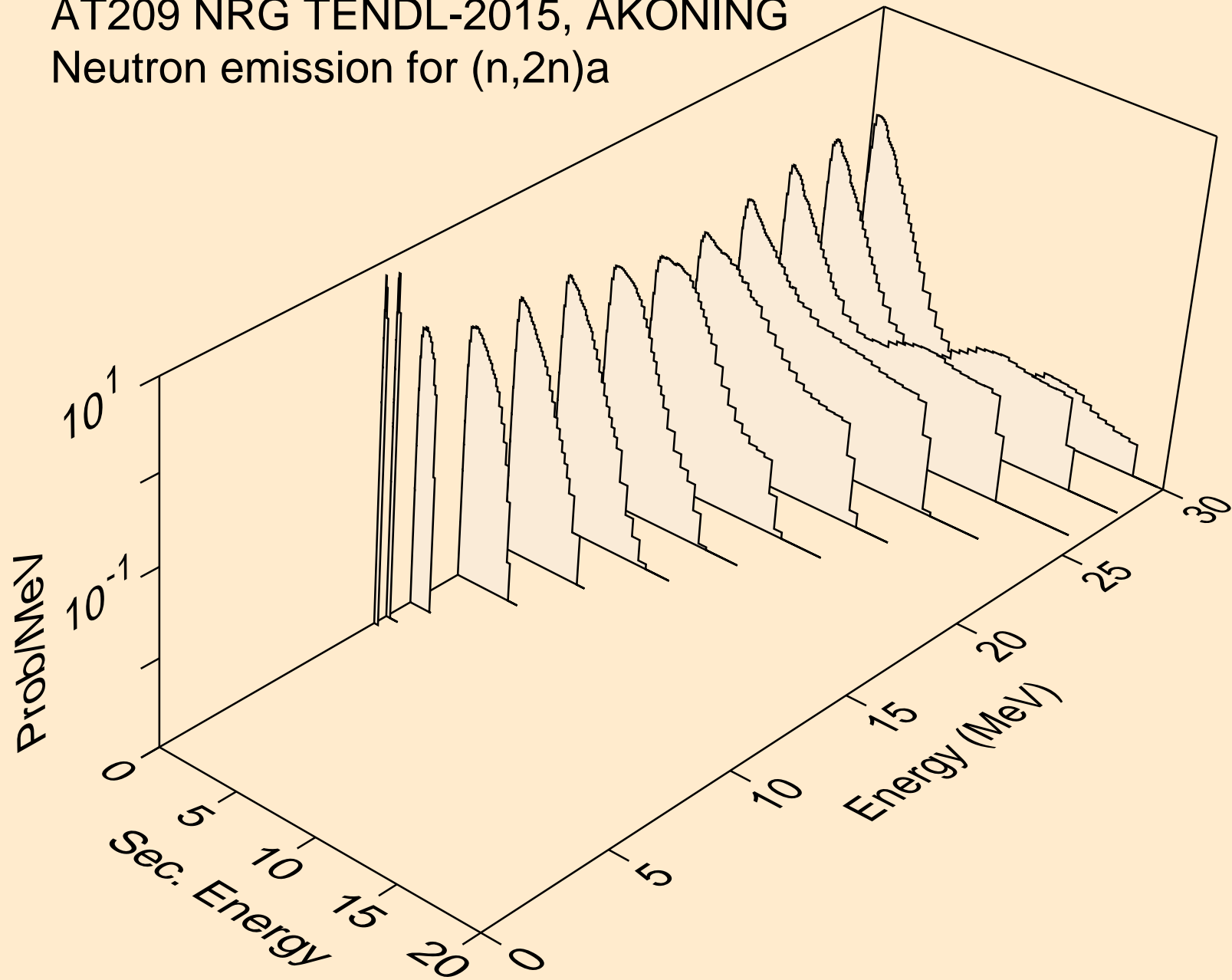
AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



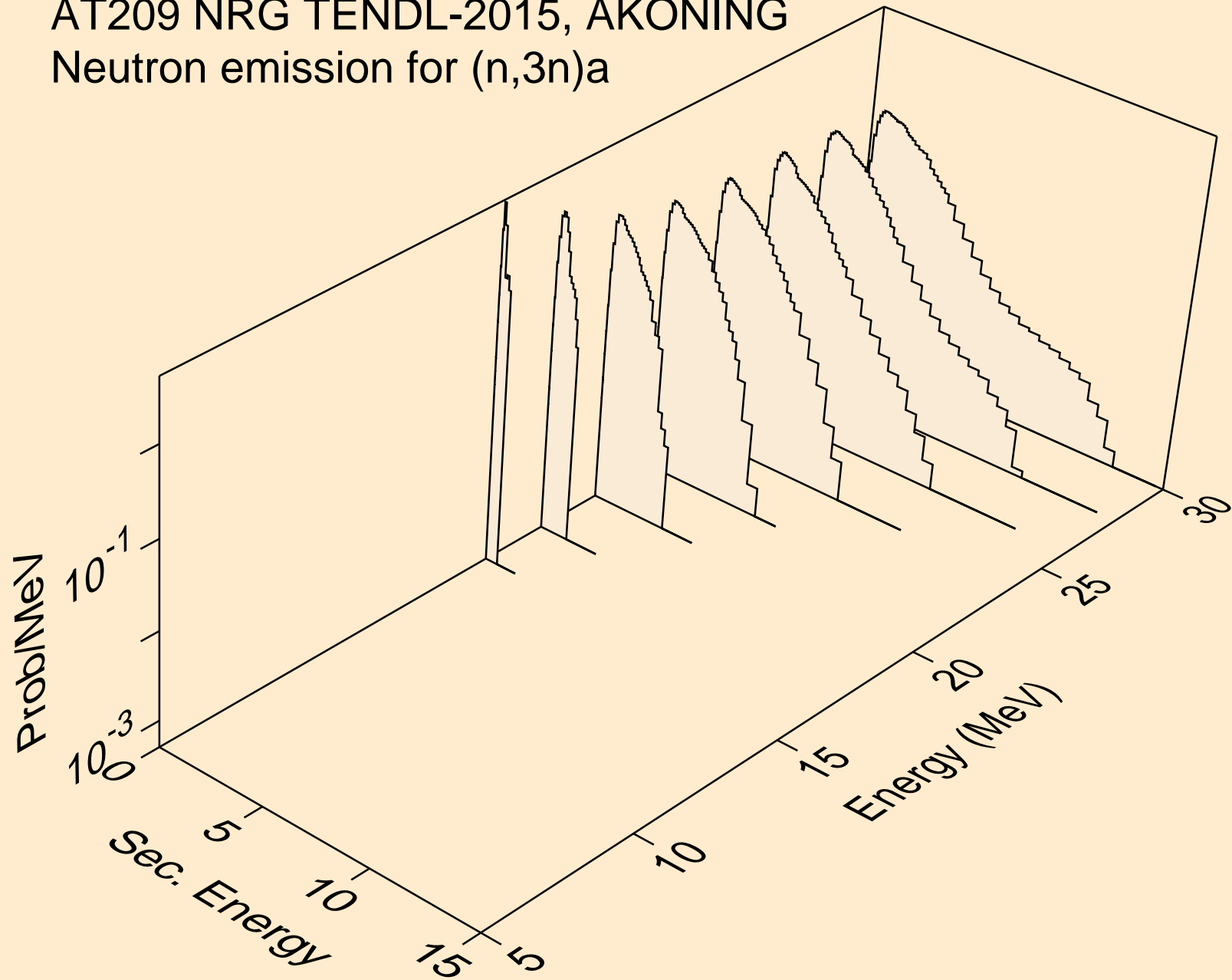
AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



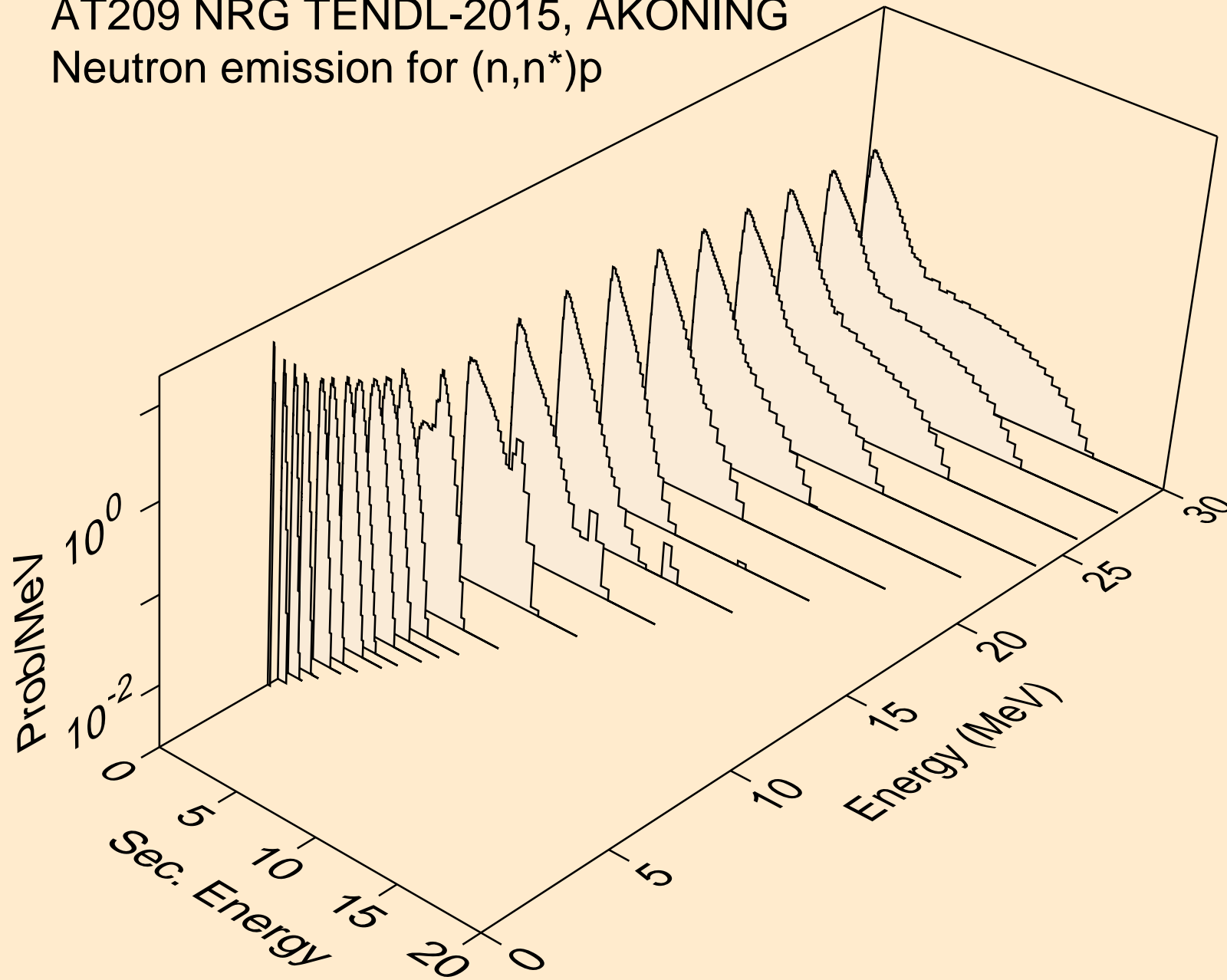
AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



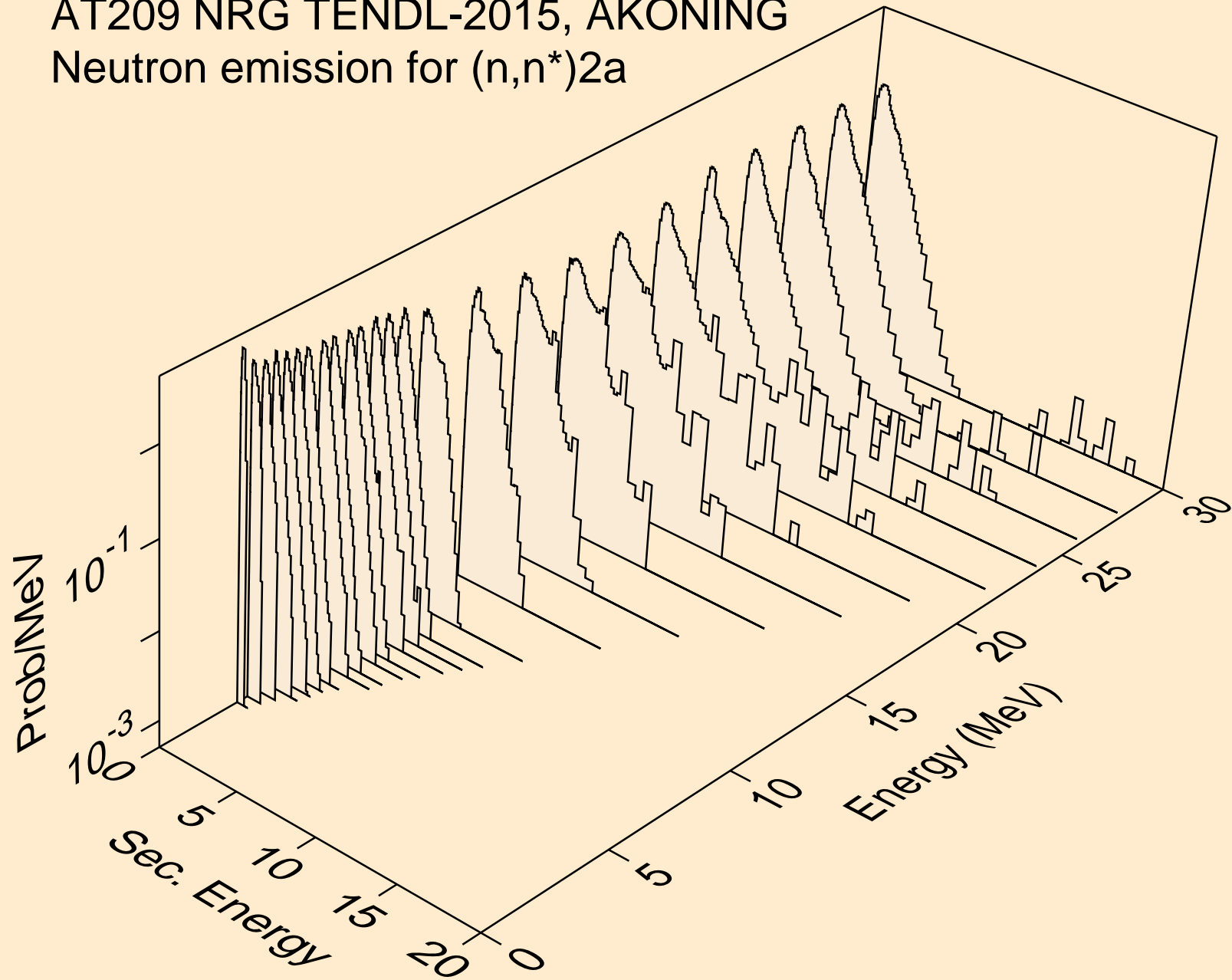
AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



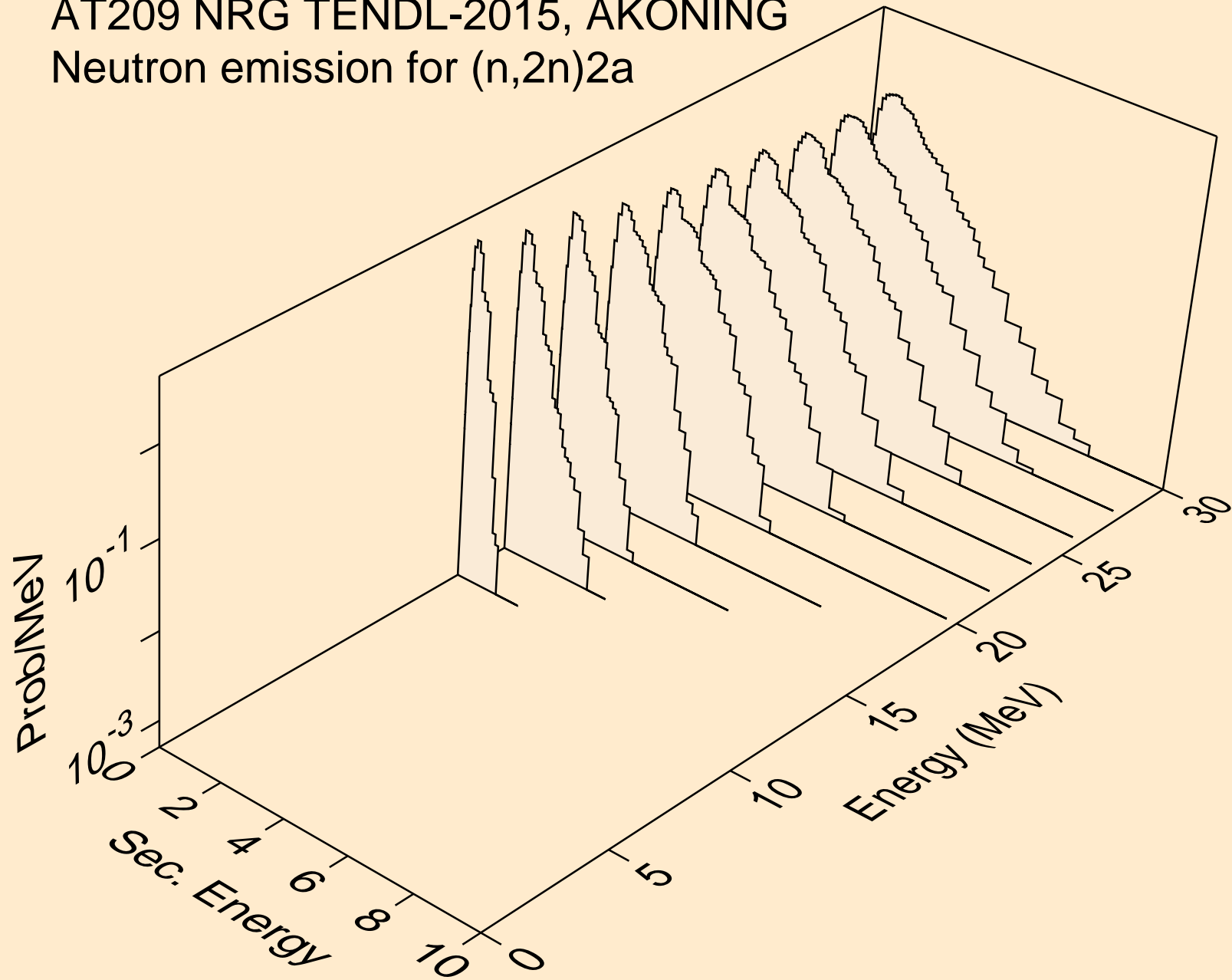
AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

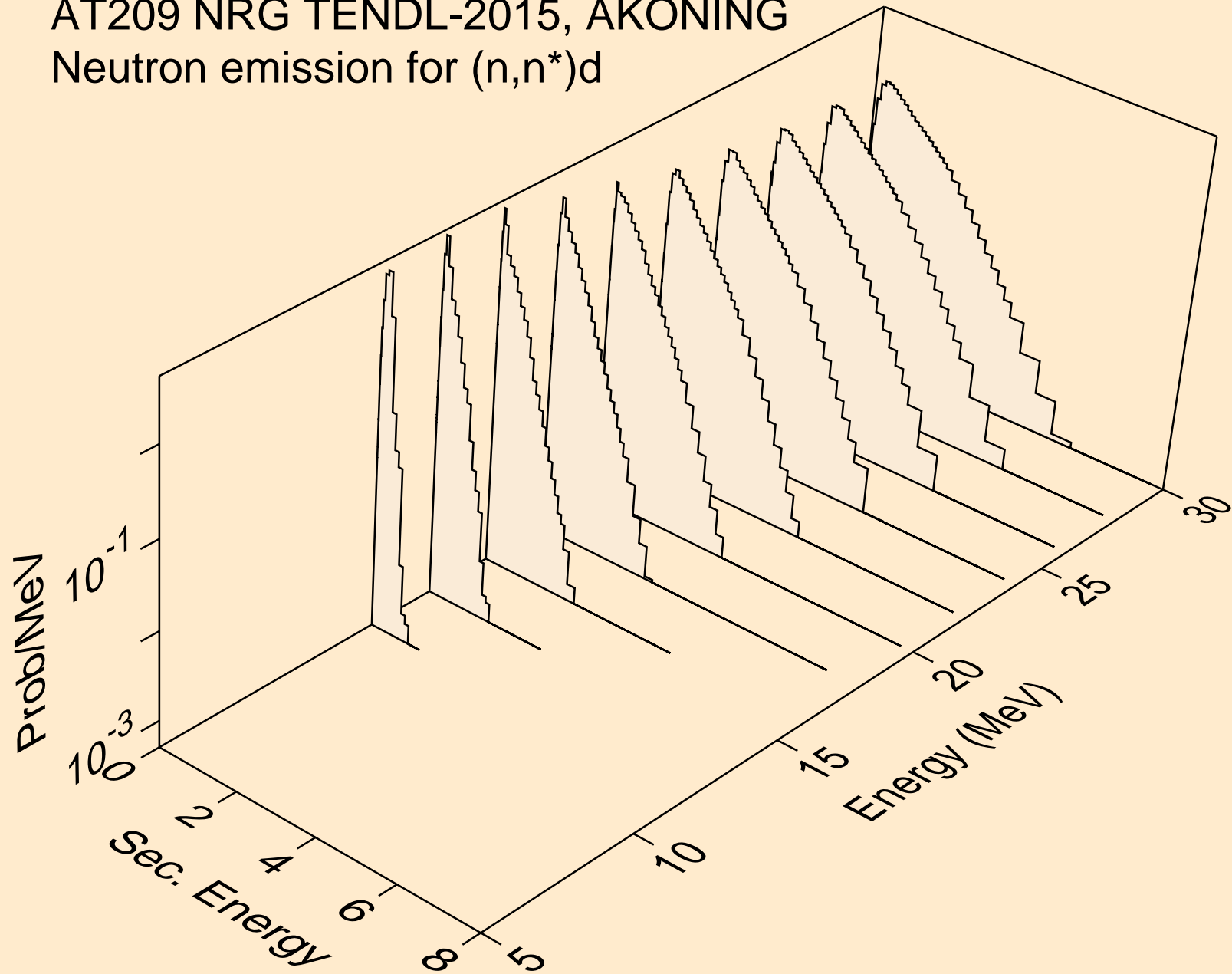


AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

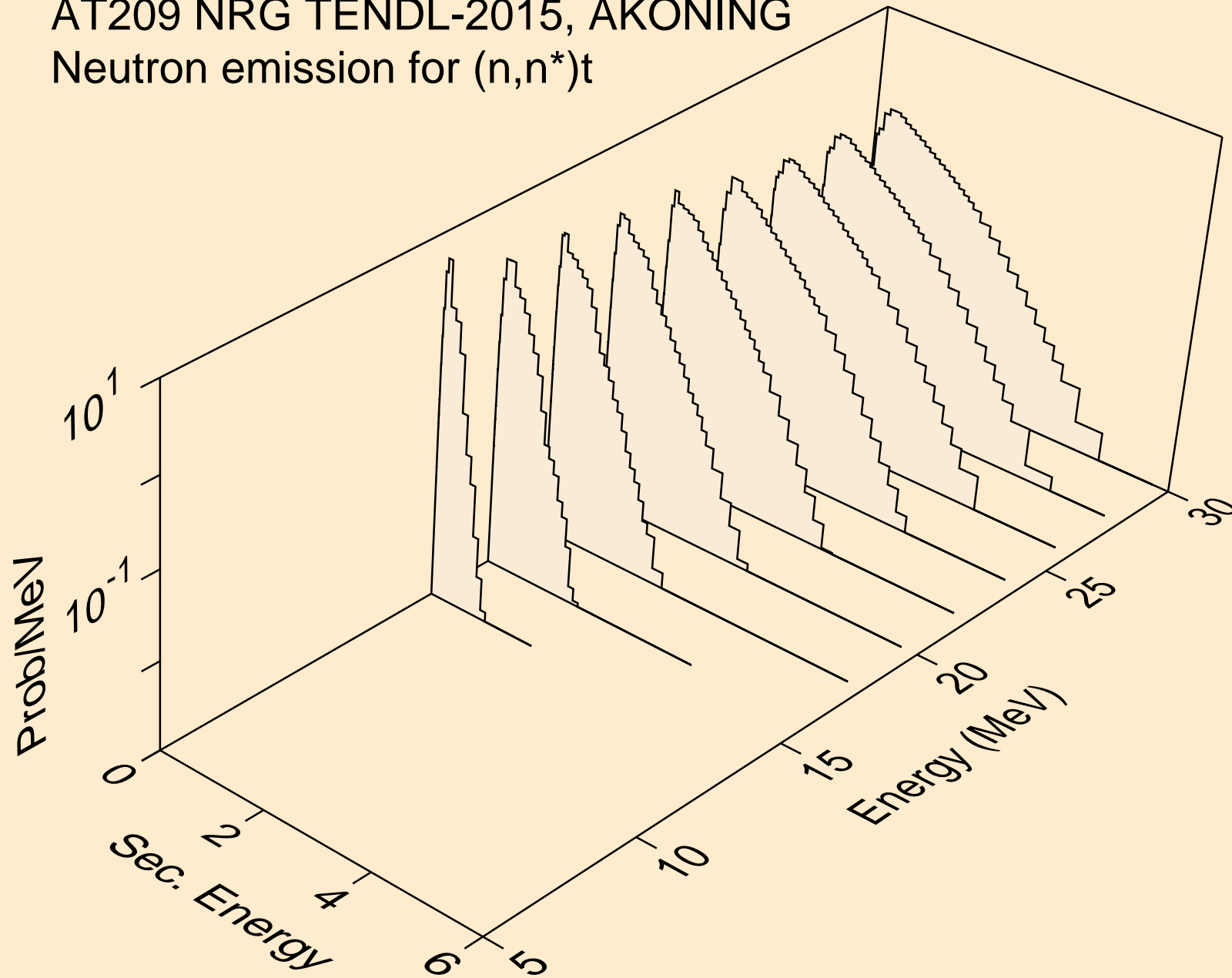




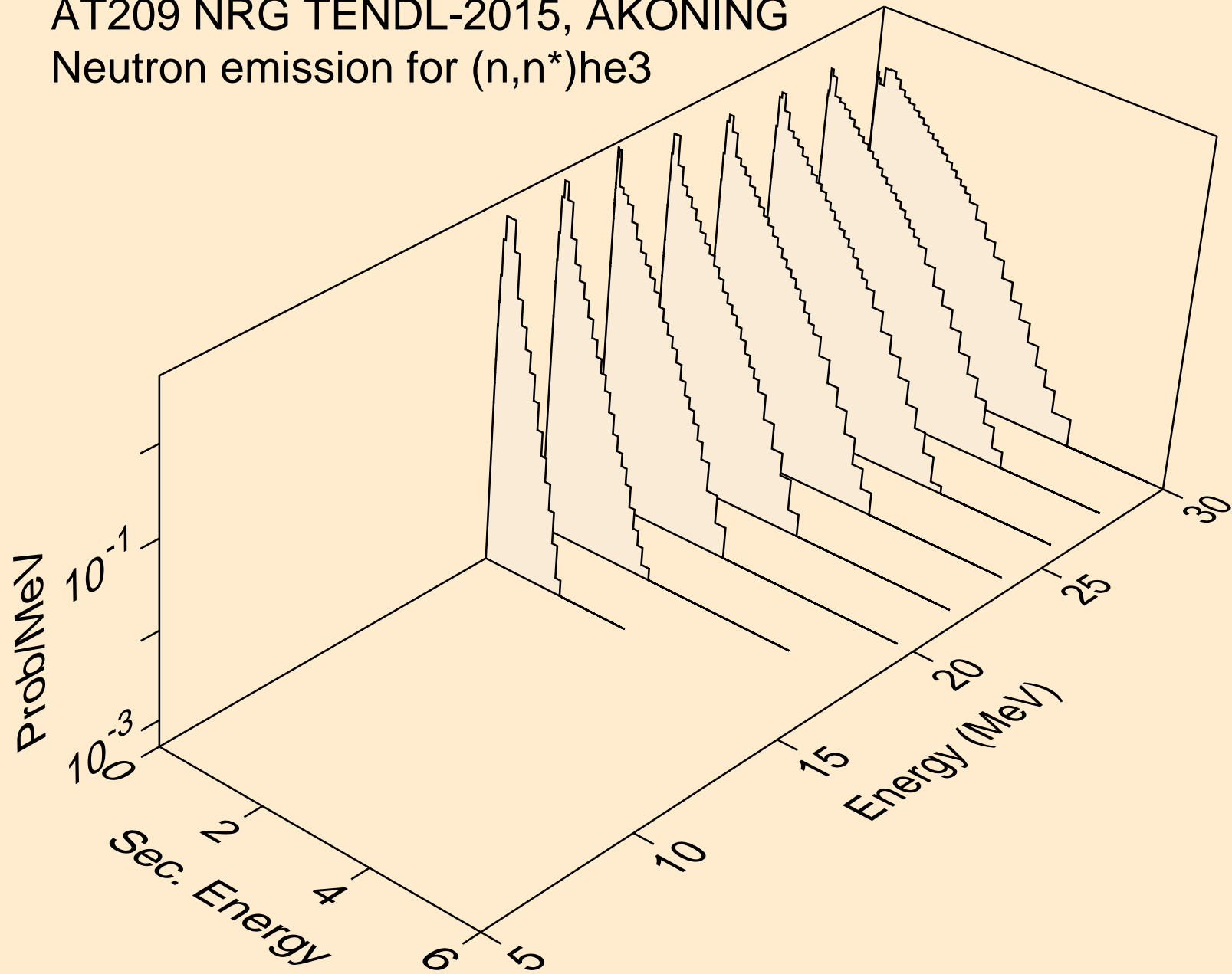
AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



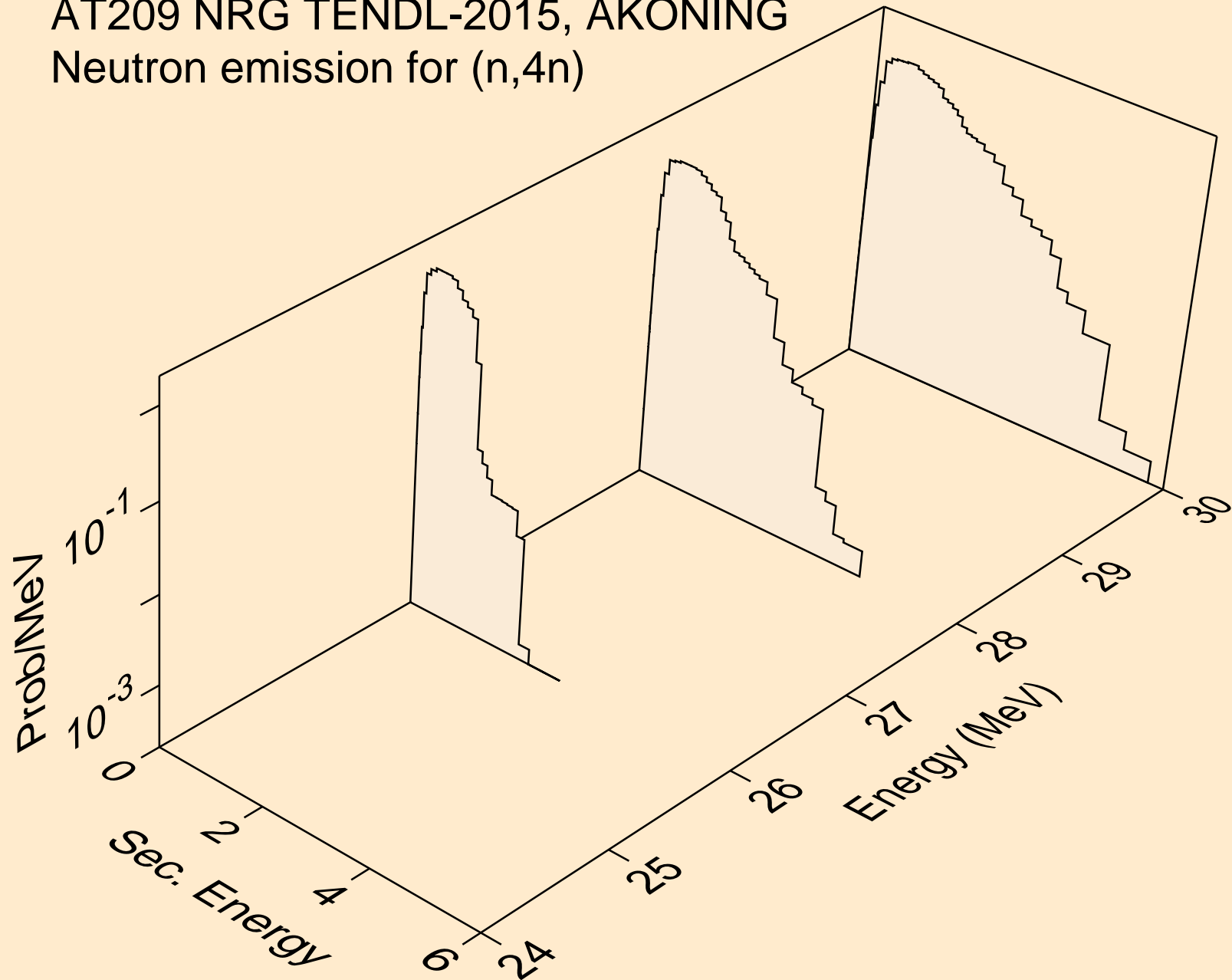
AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



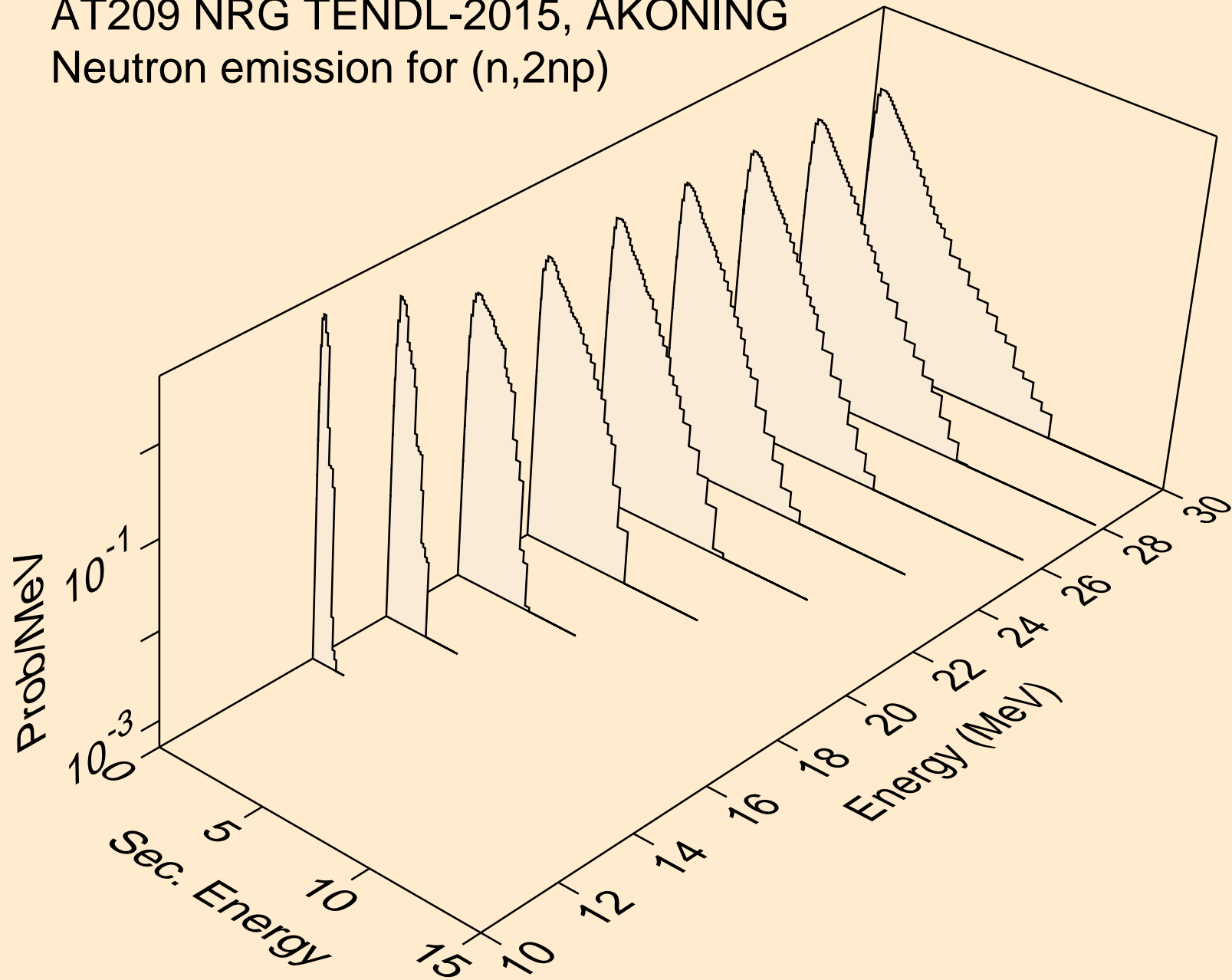
AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



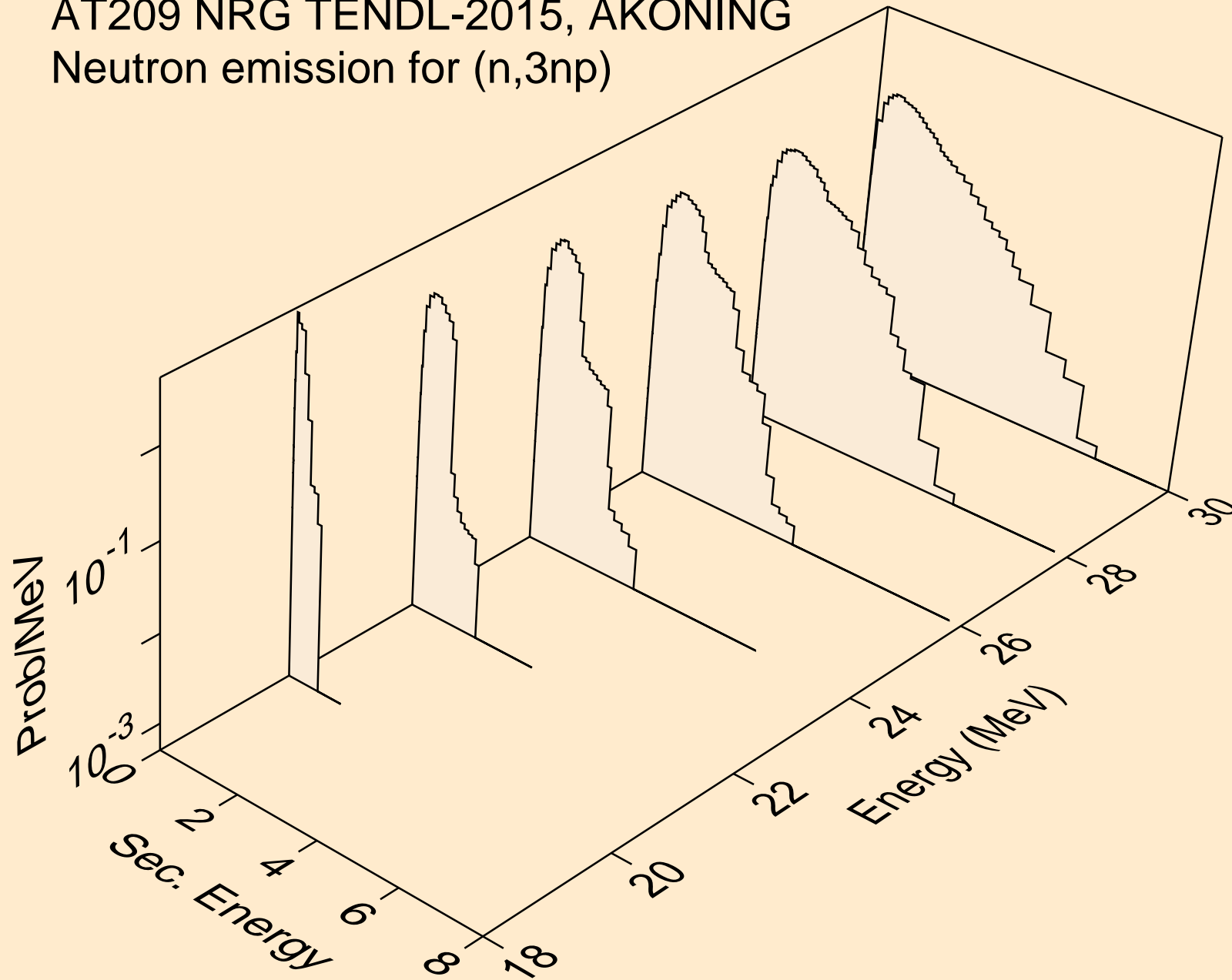
AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



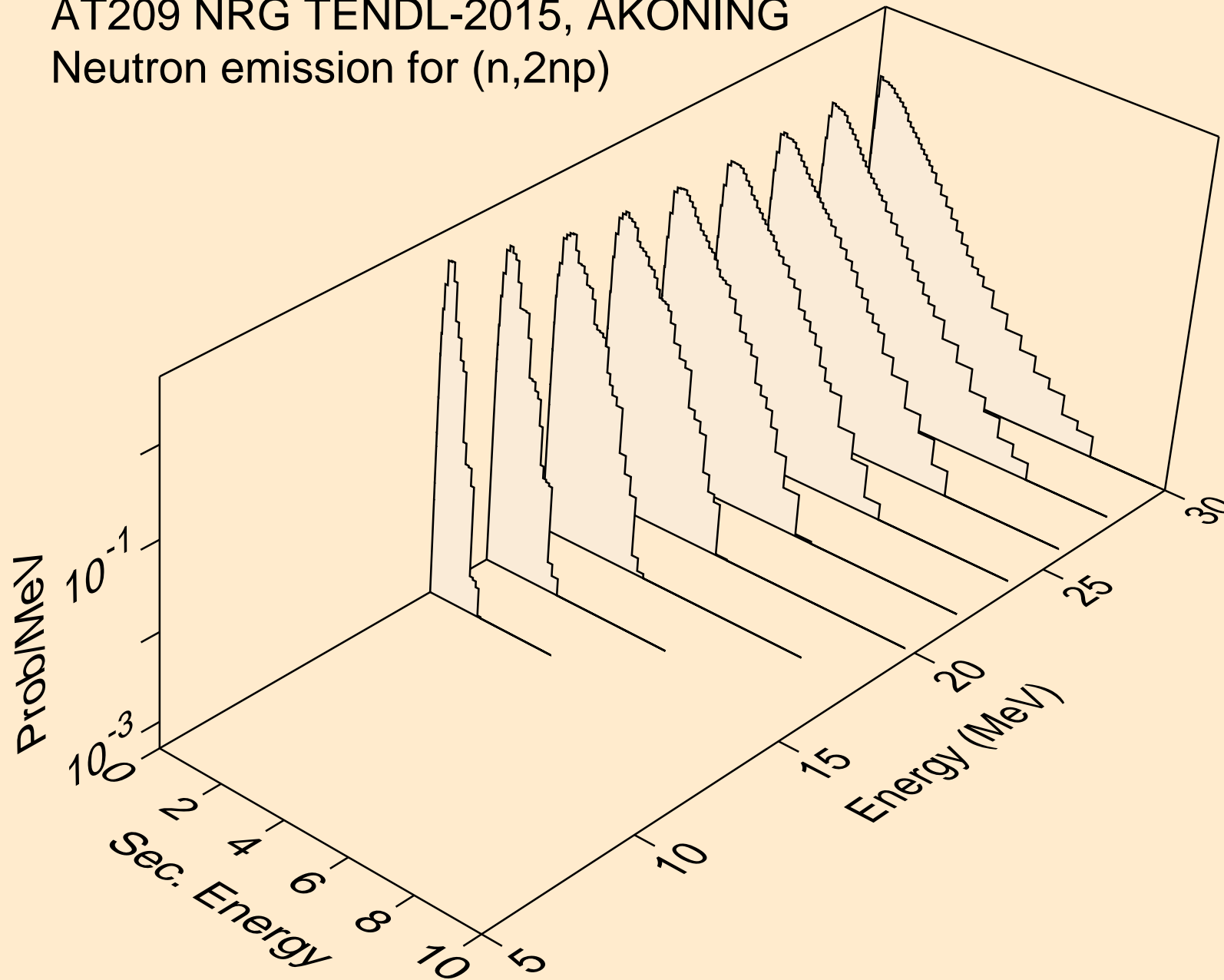
AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



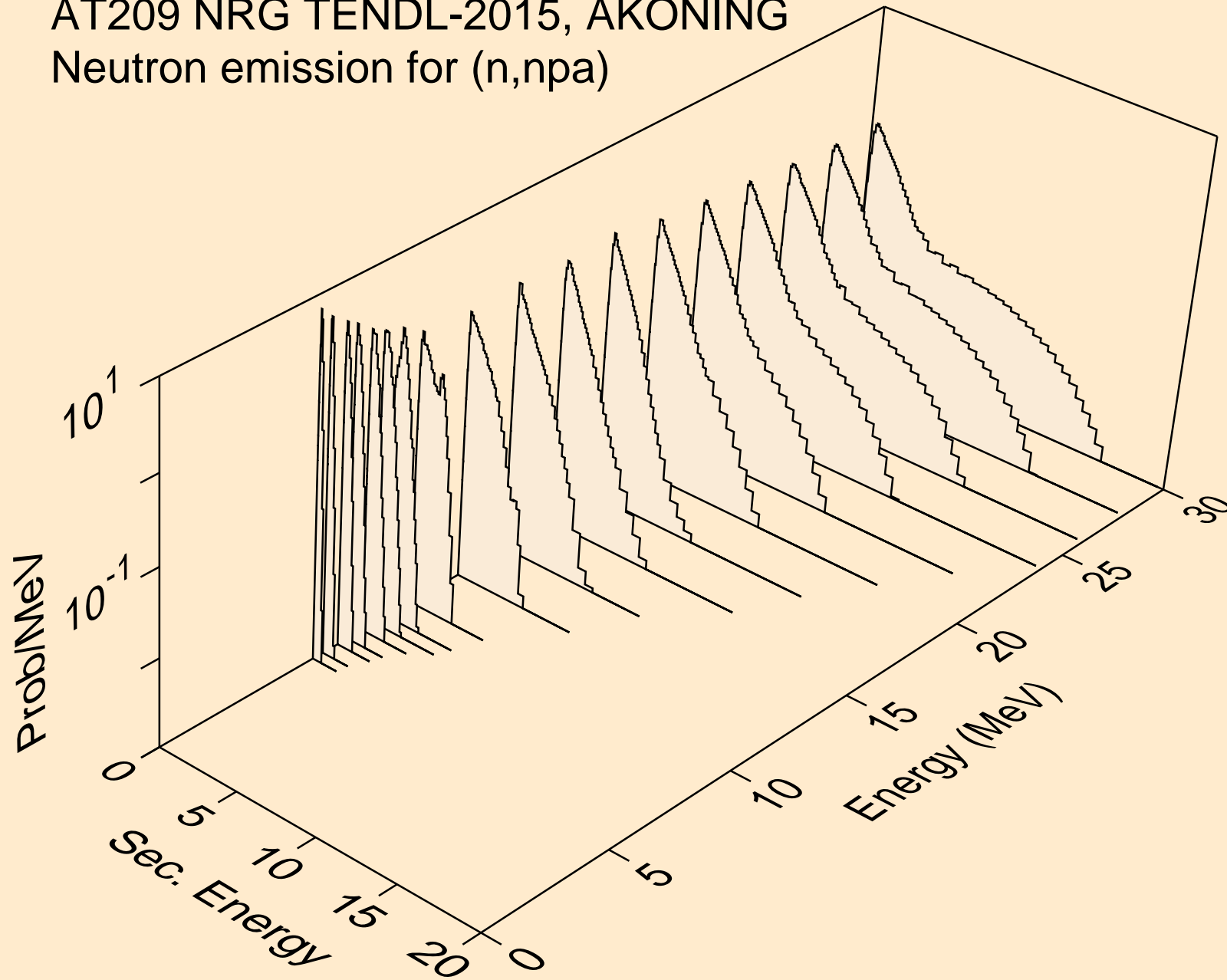
AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

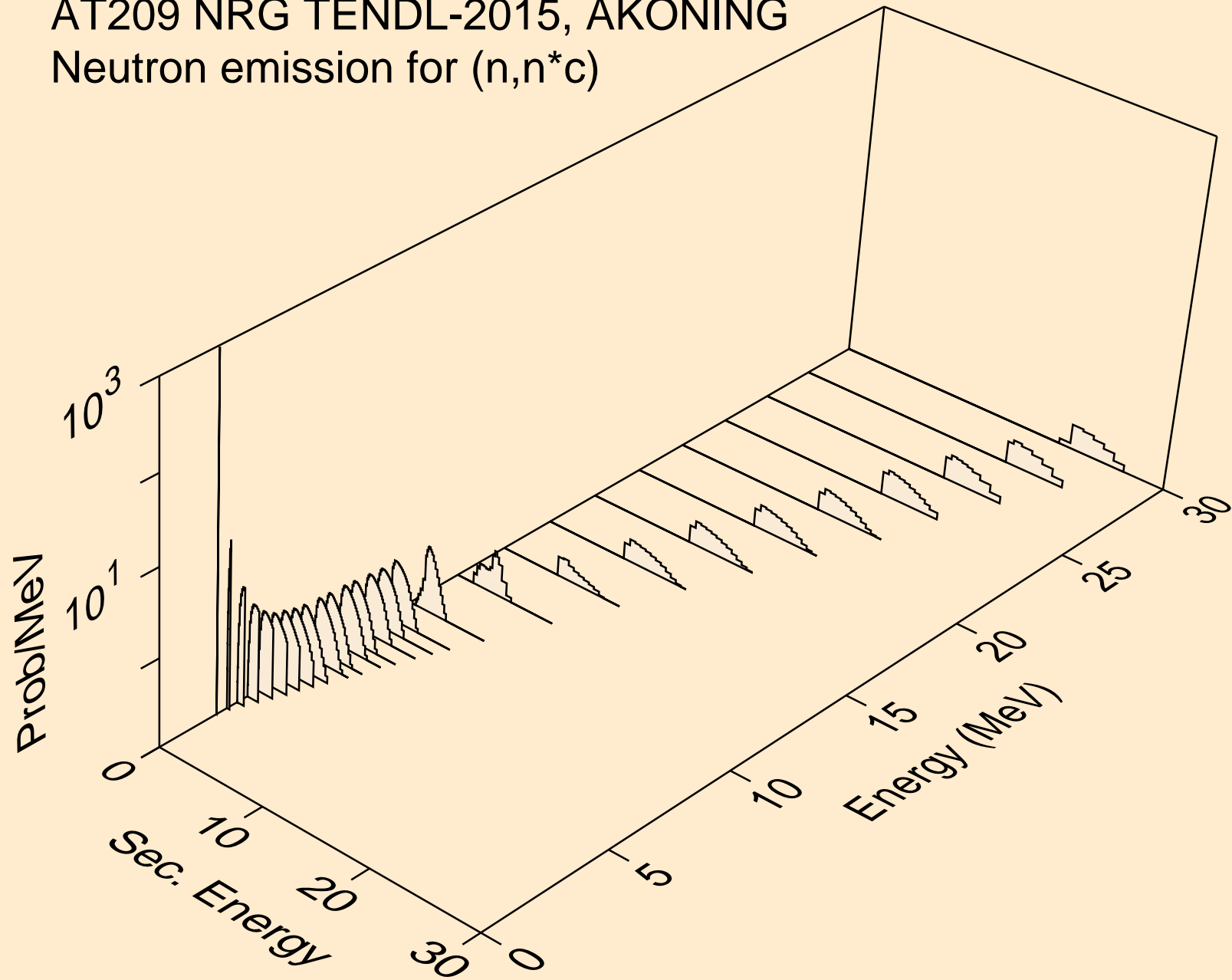


AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

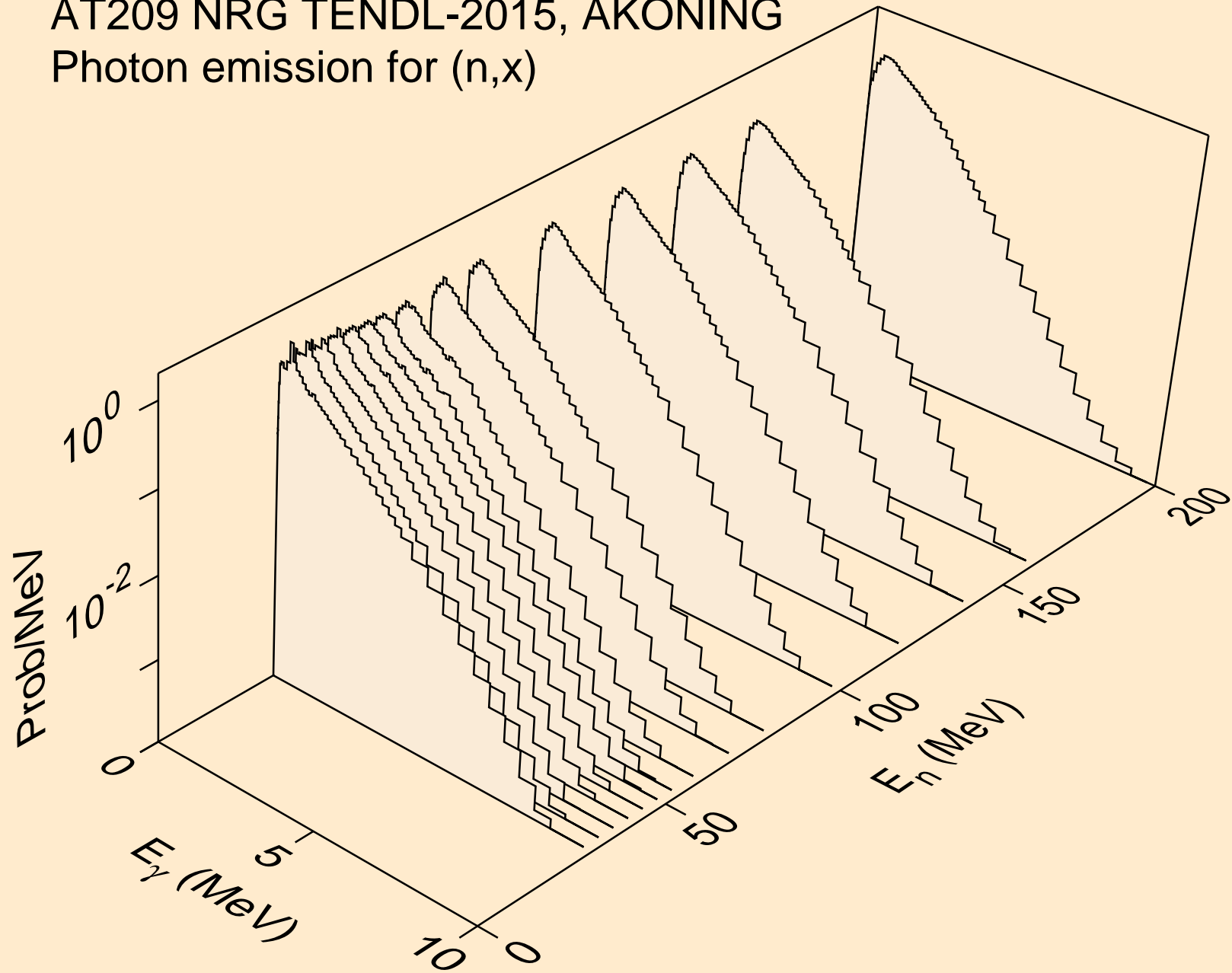




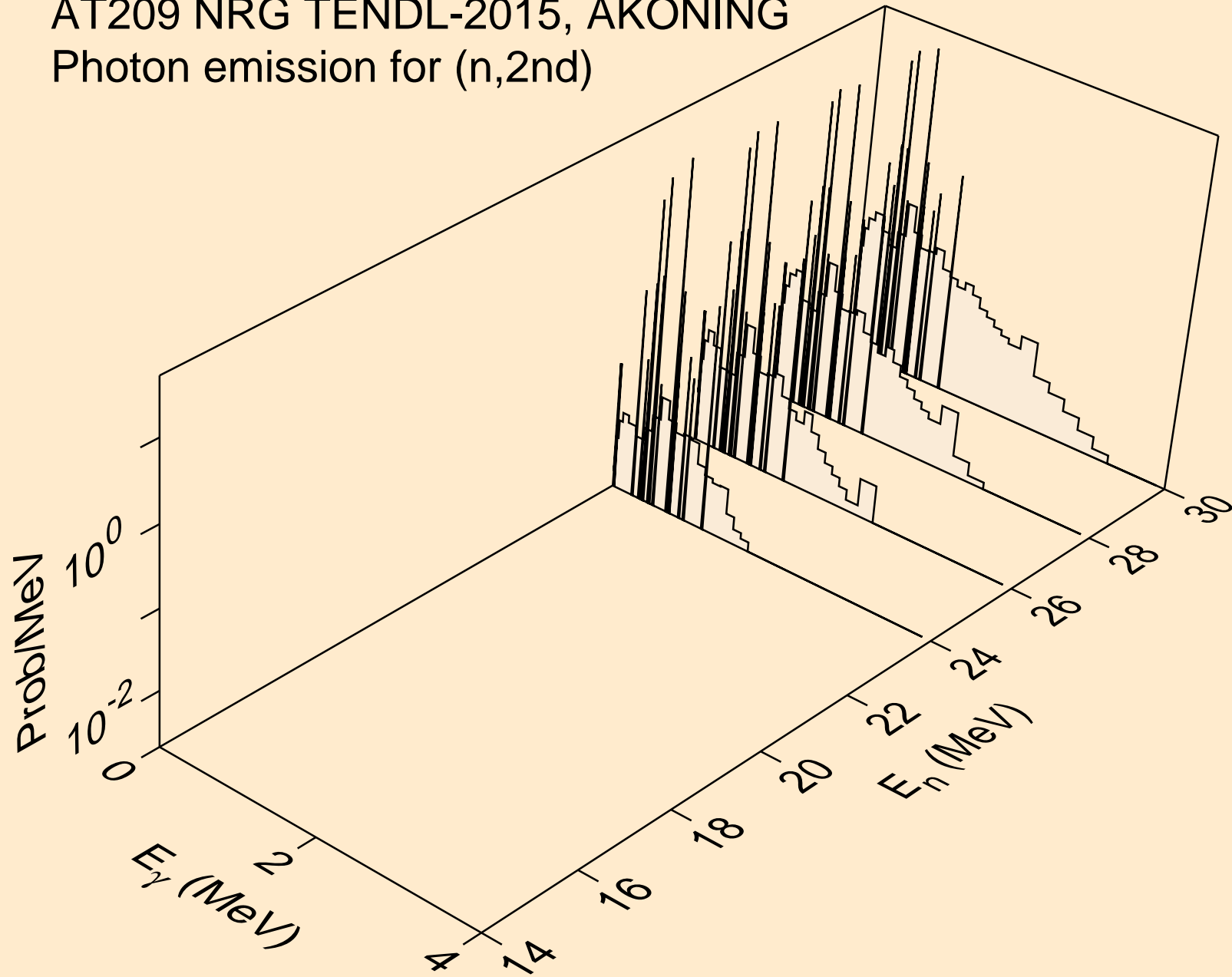
AT209 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



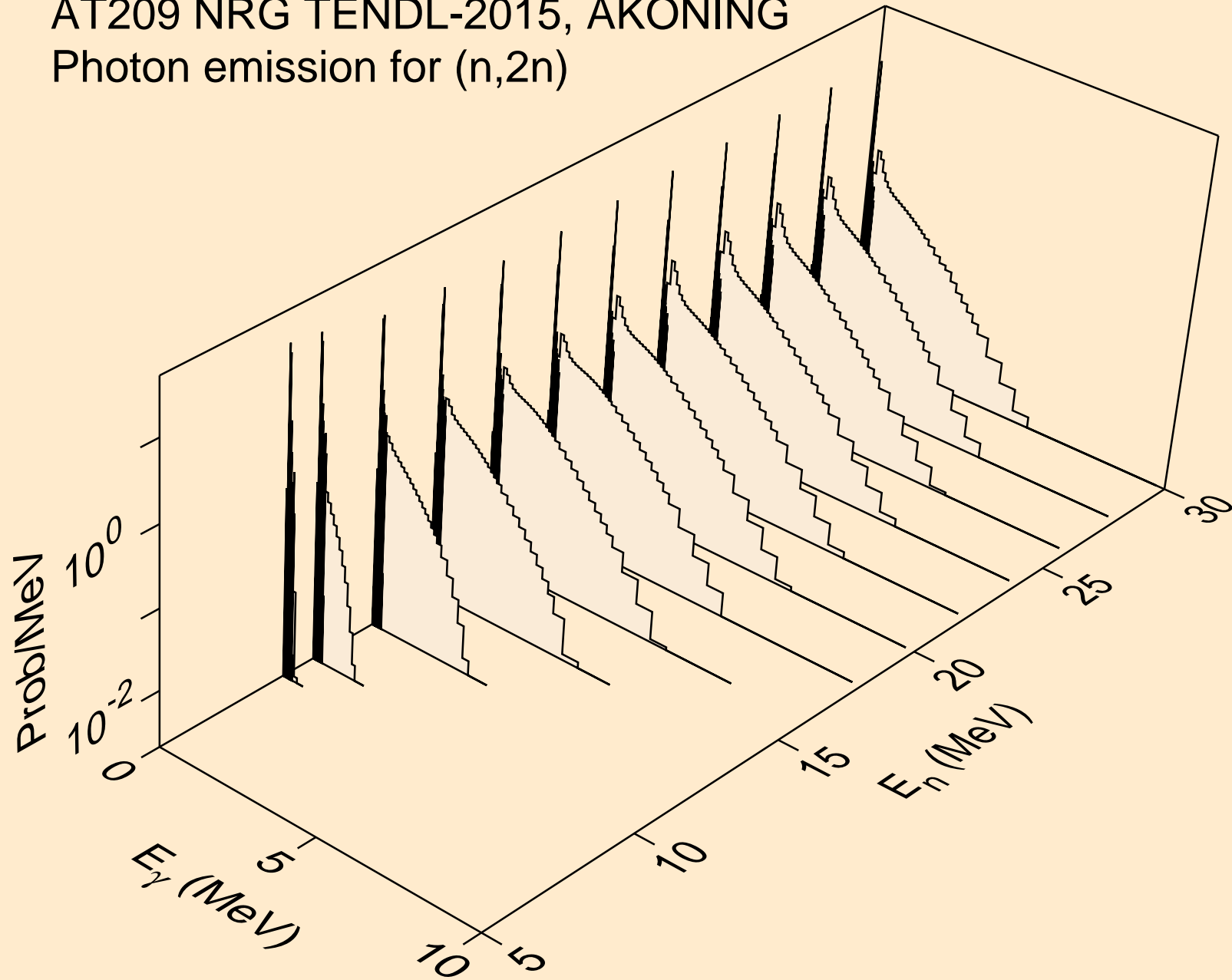
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



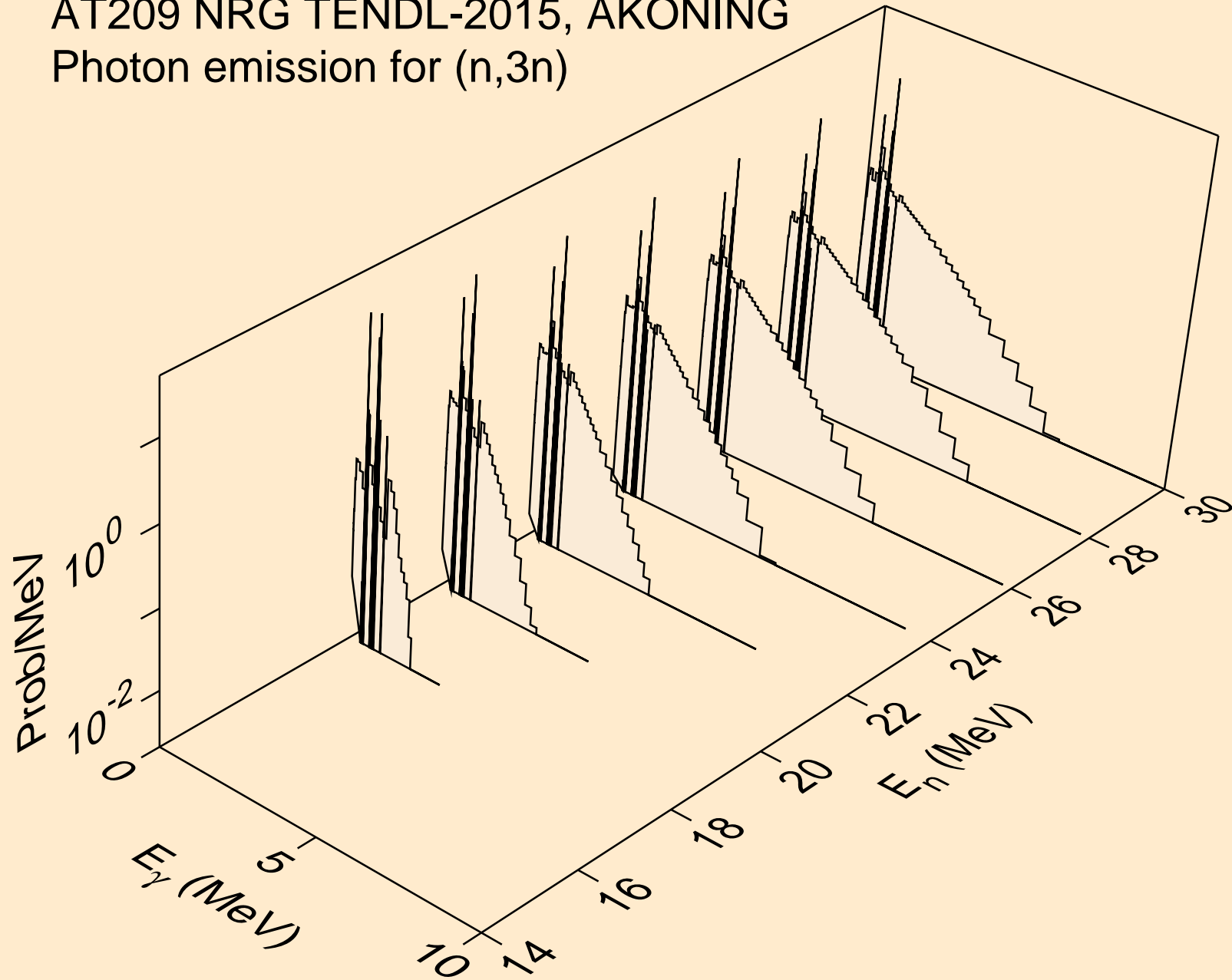
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



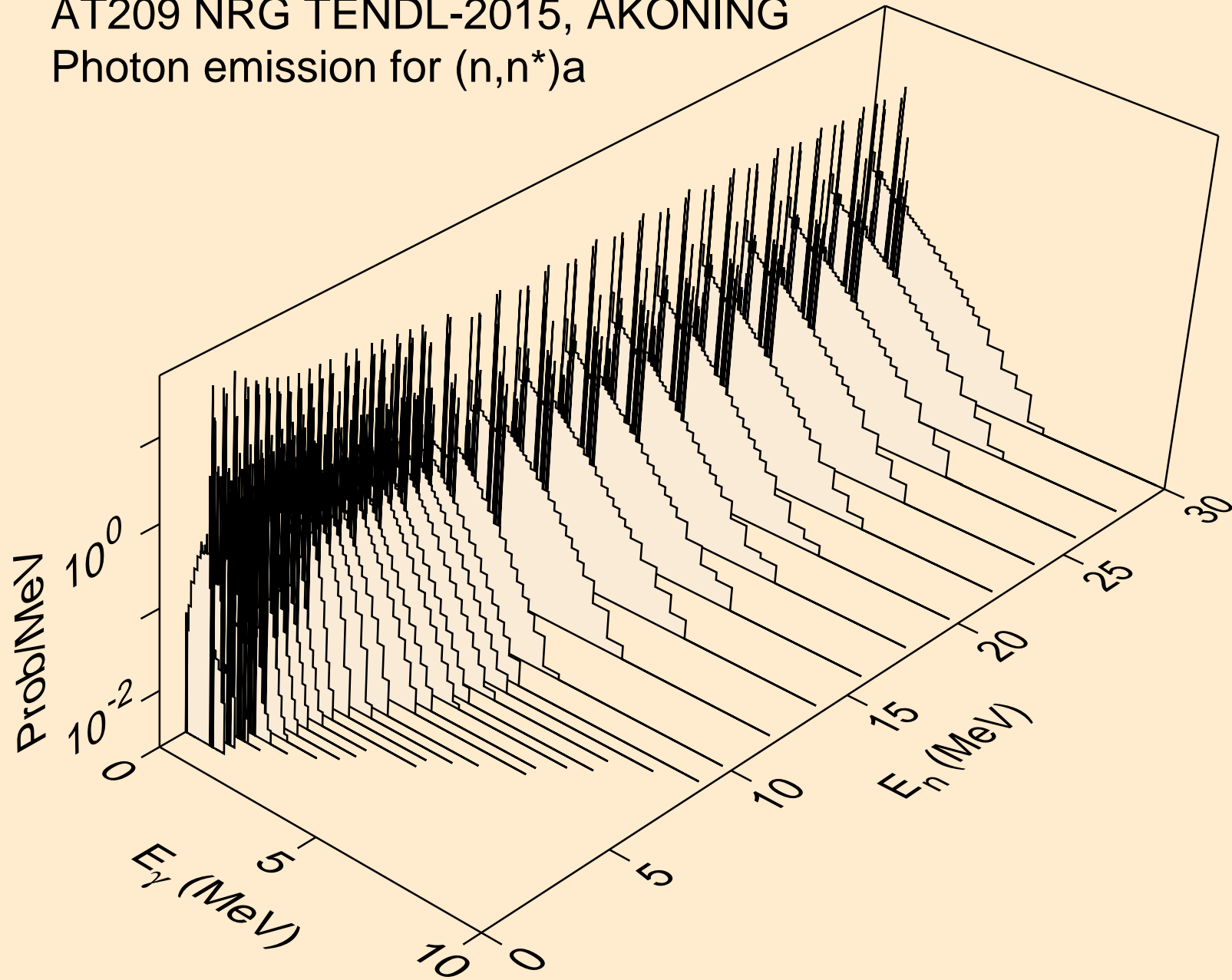
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



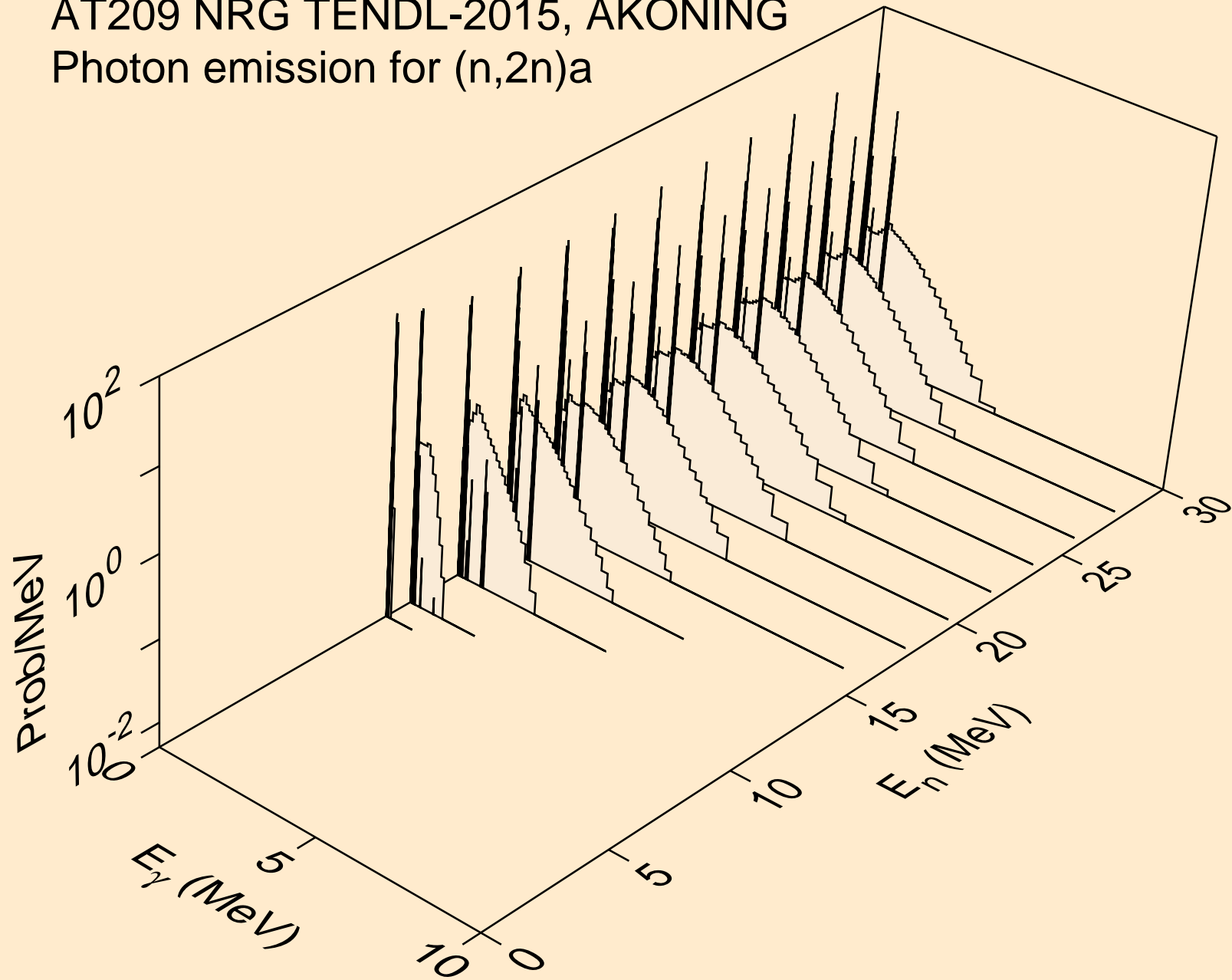
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



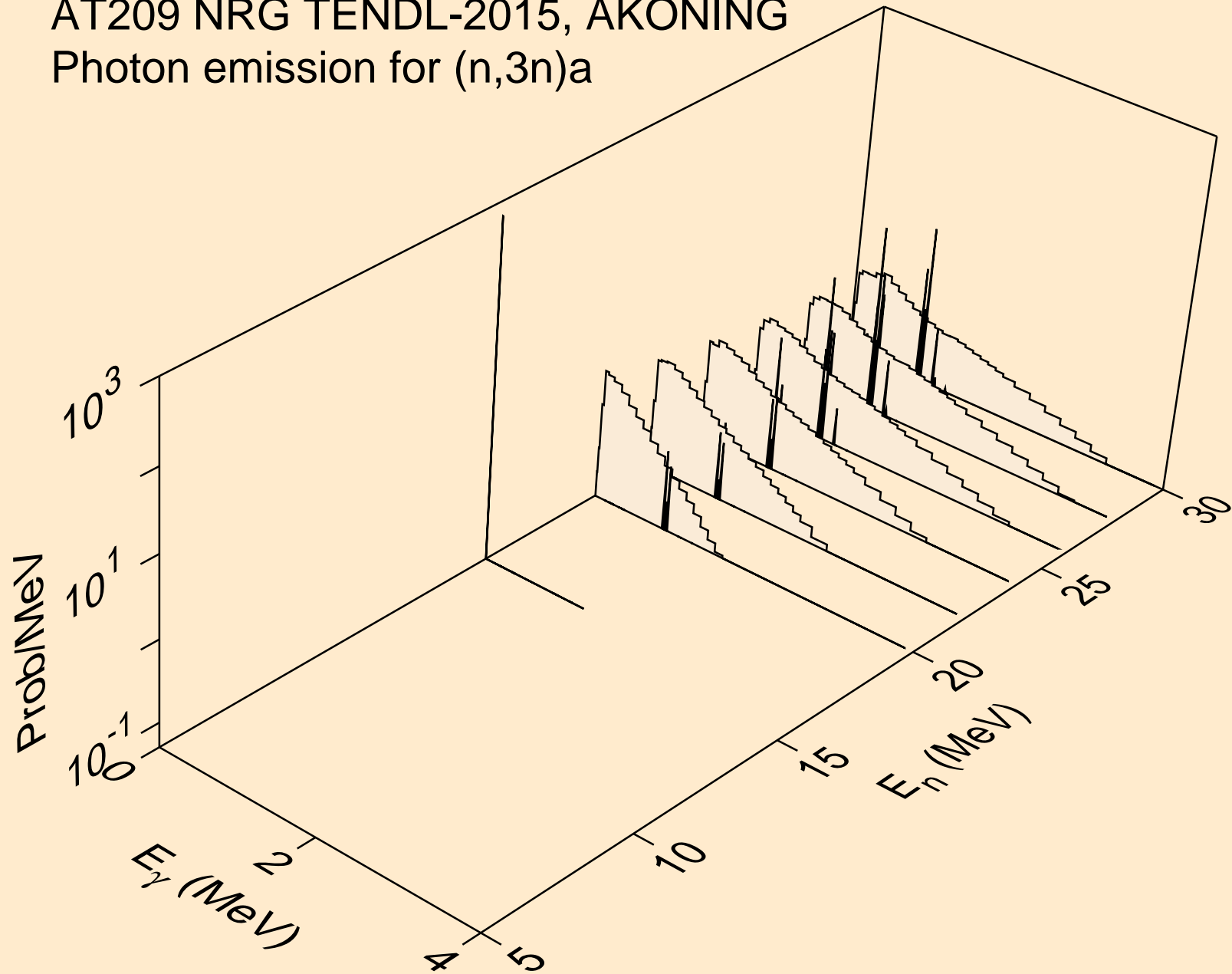
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

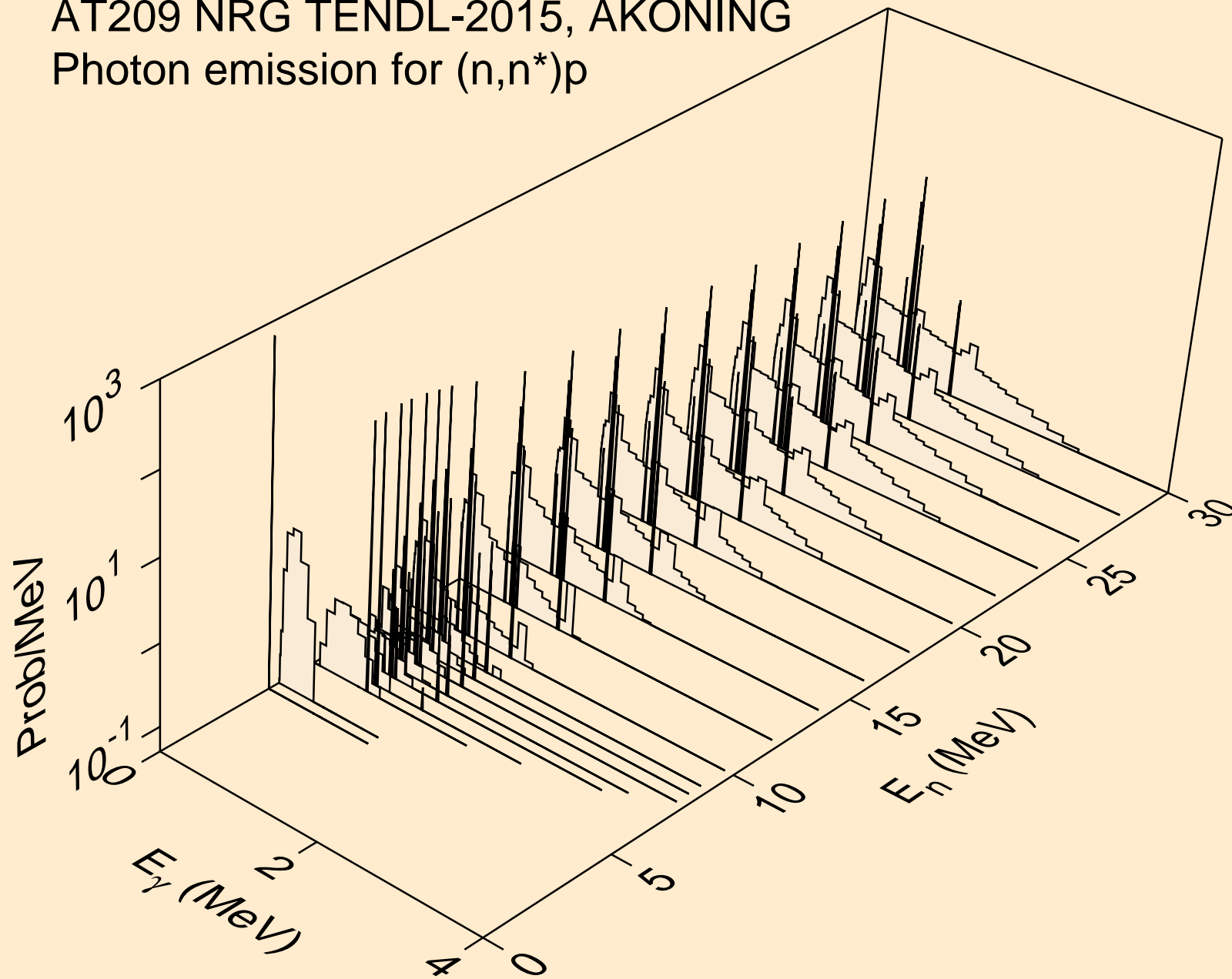


AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

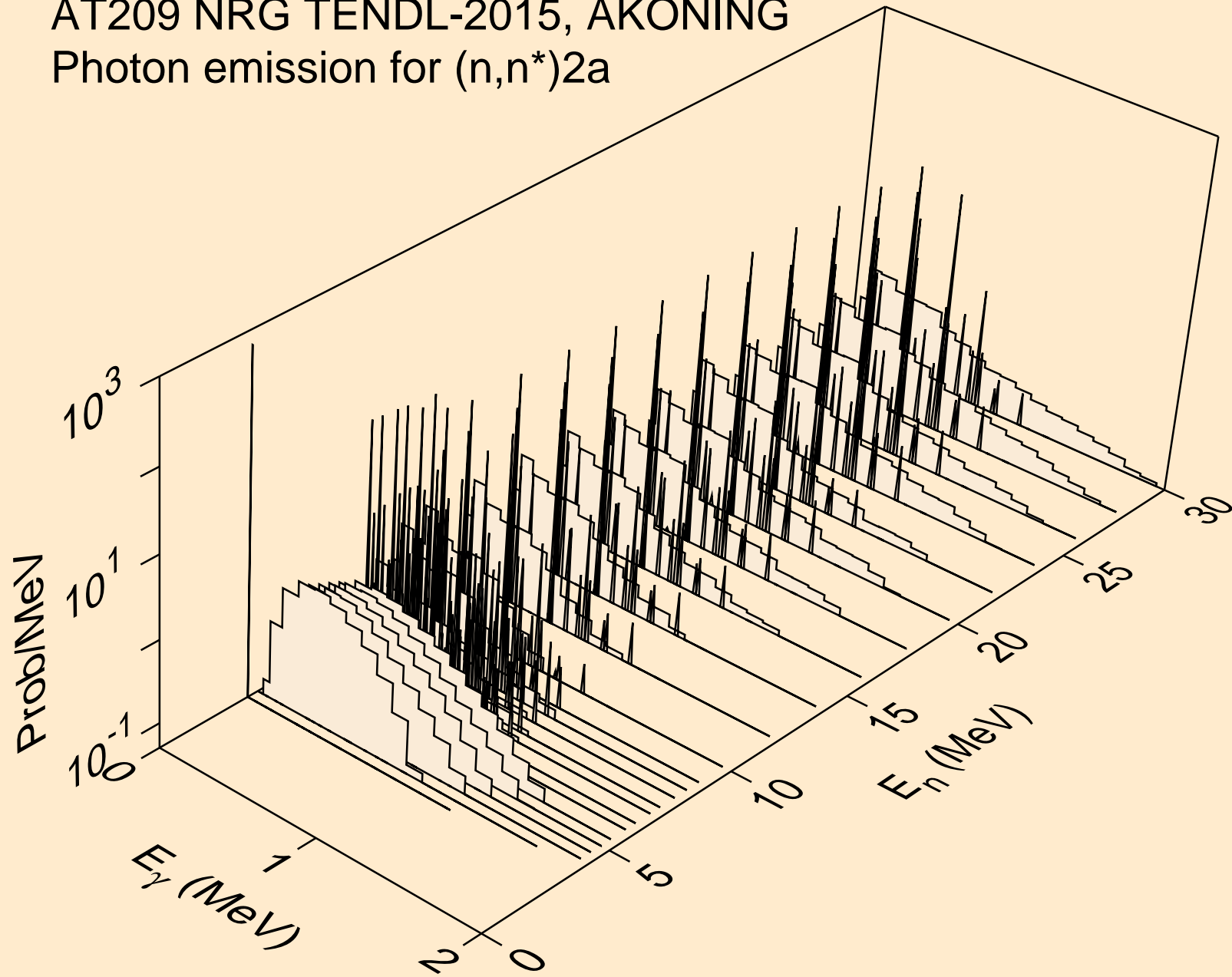




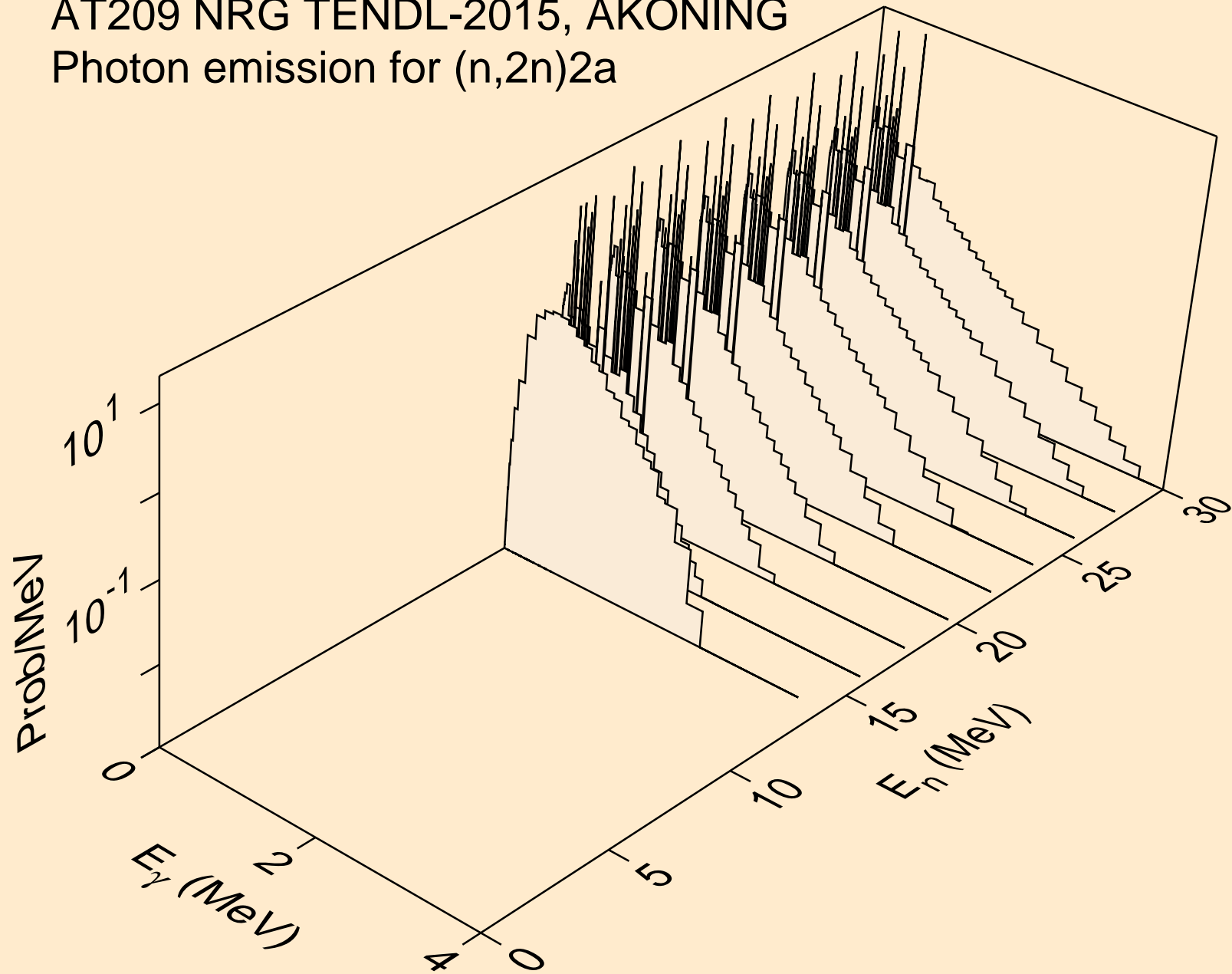
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



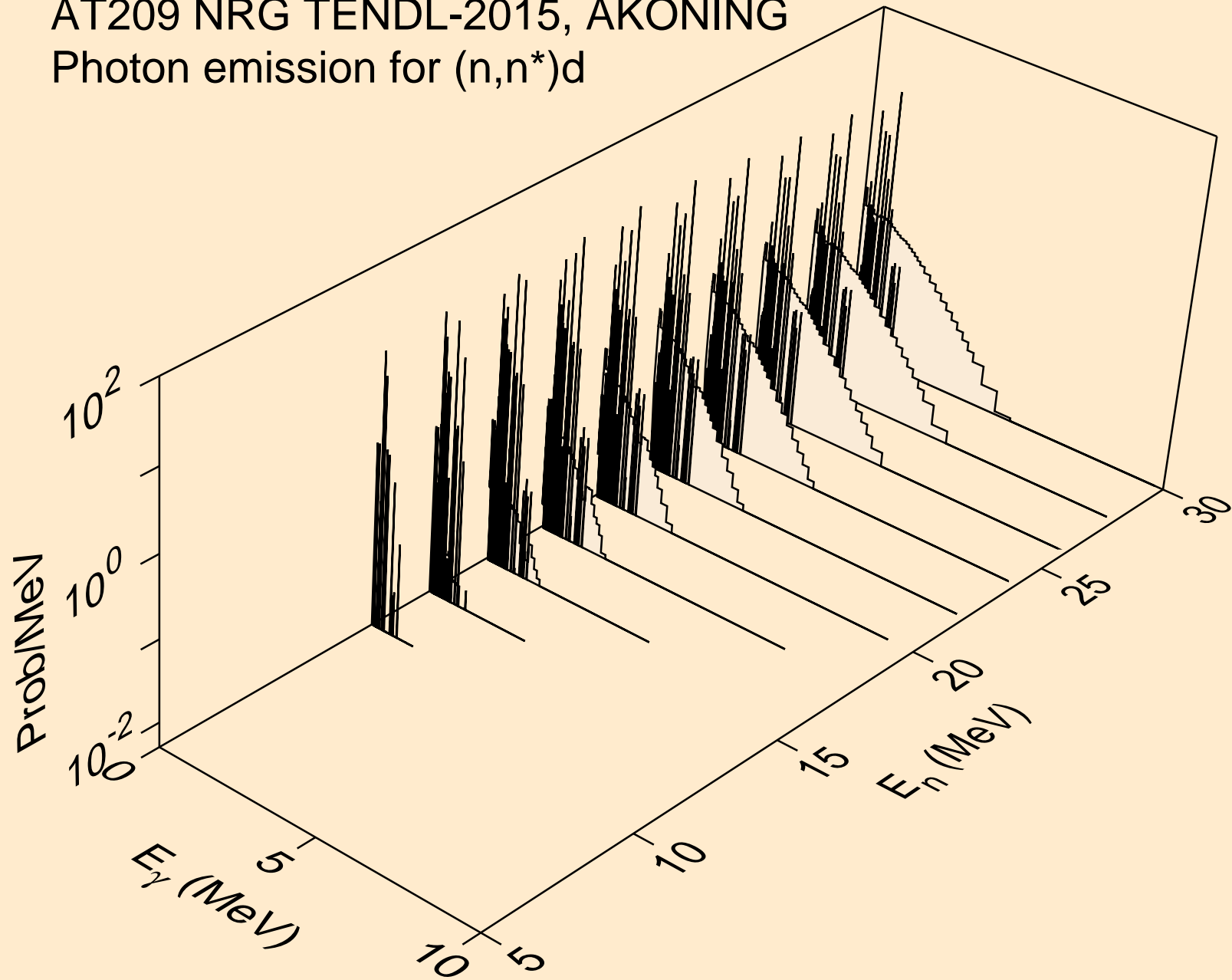
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



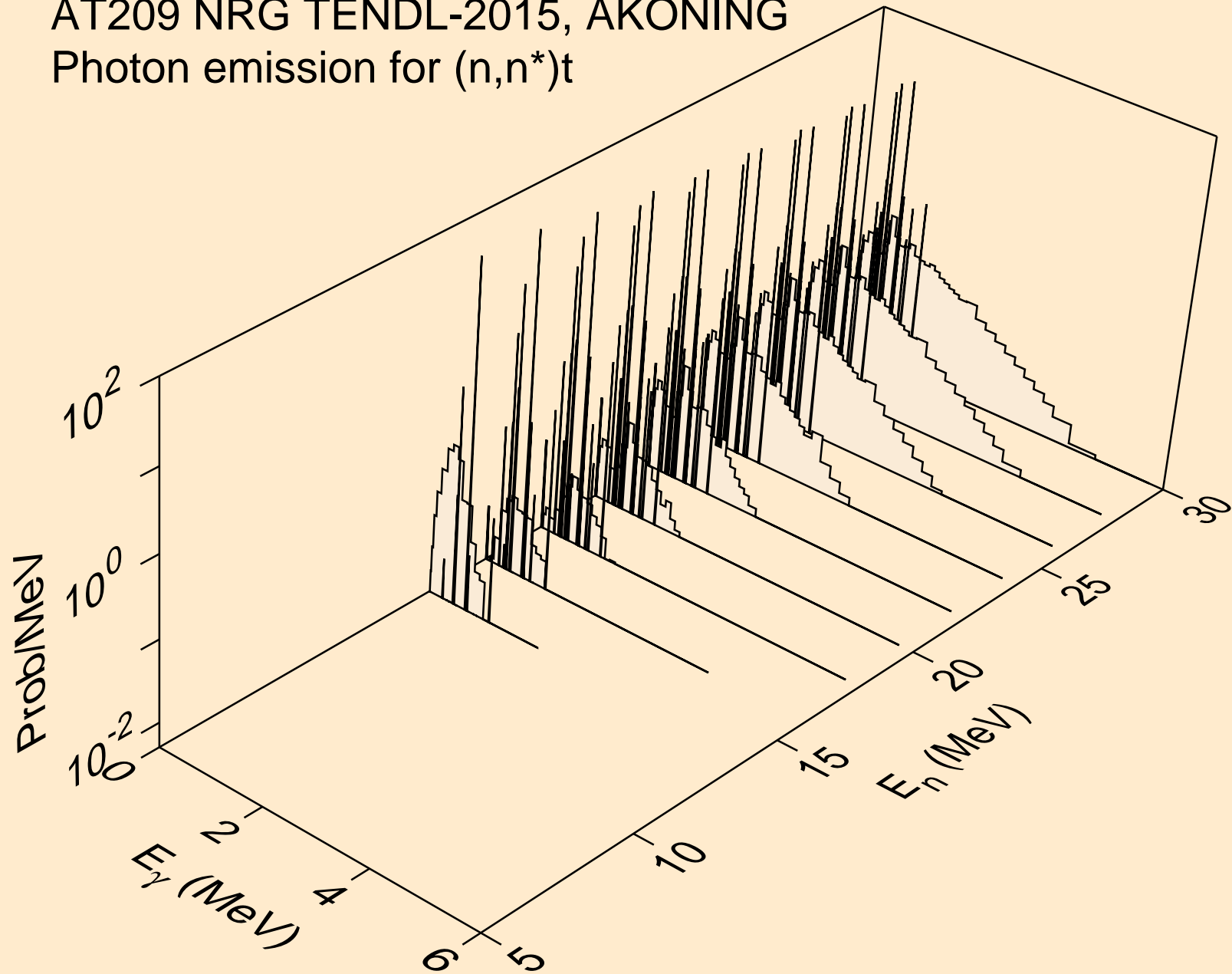
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



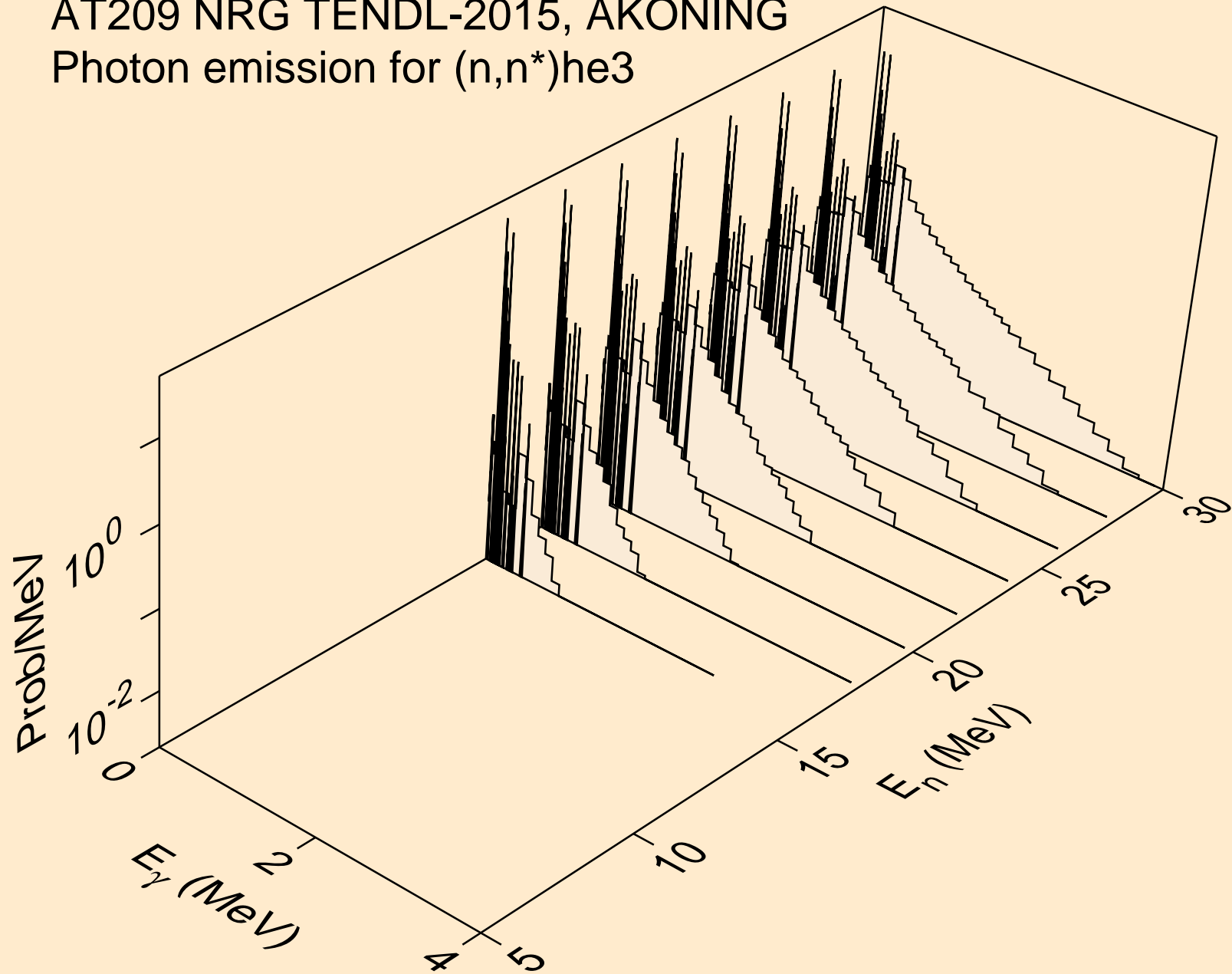
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



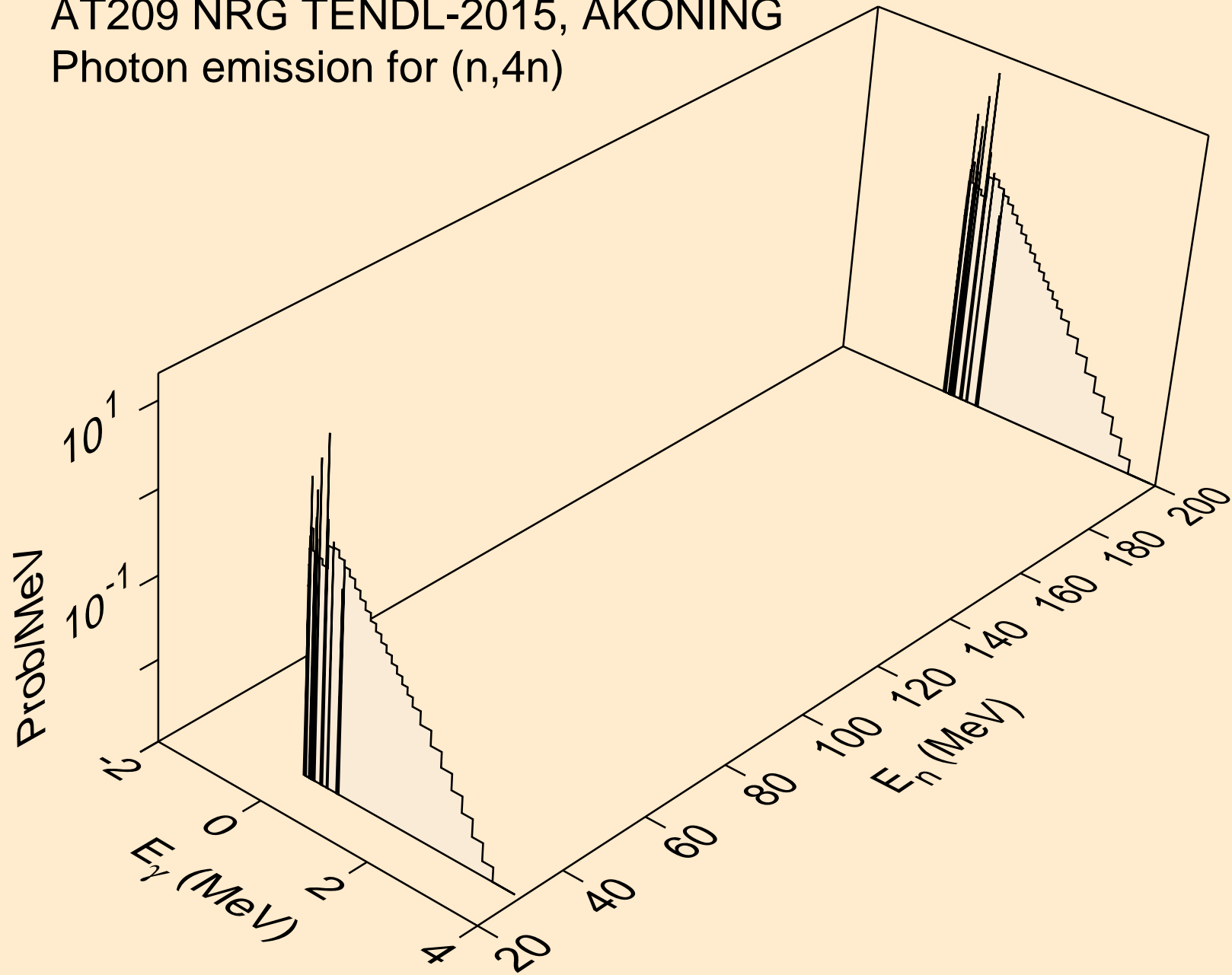
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



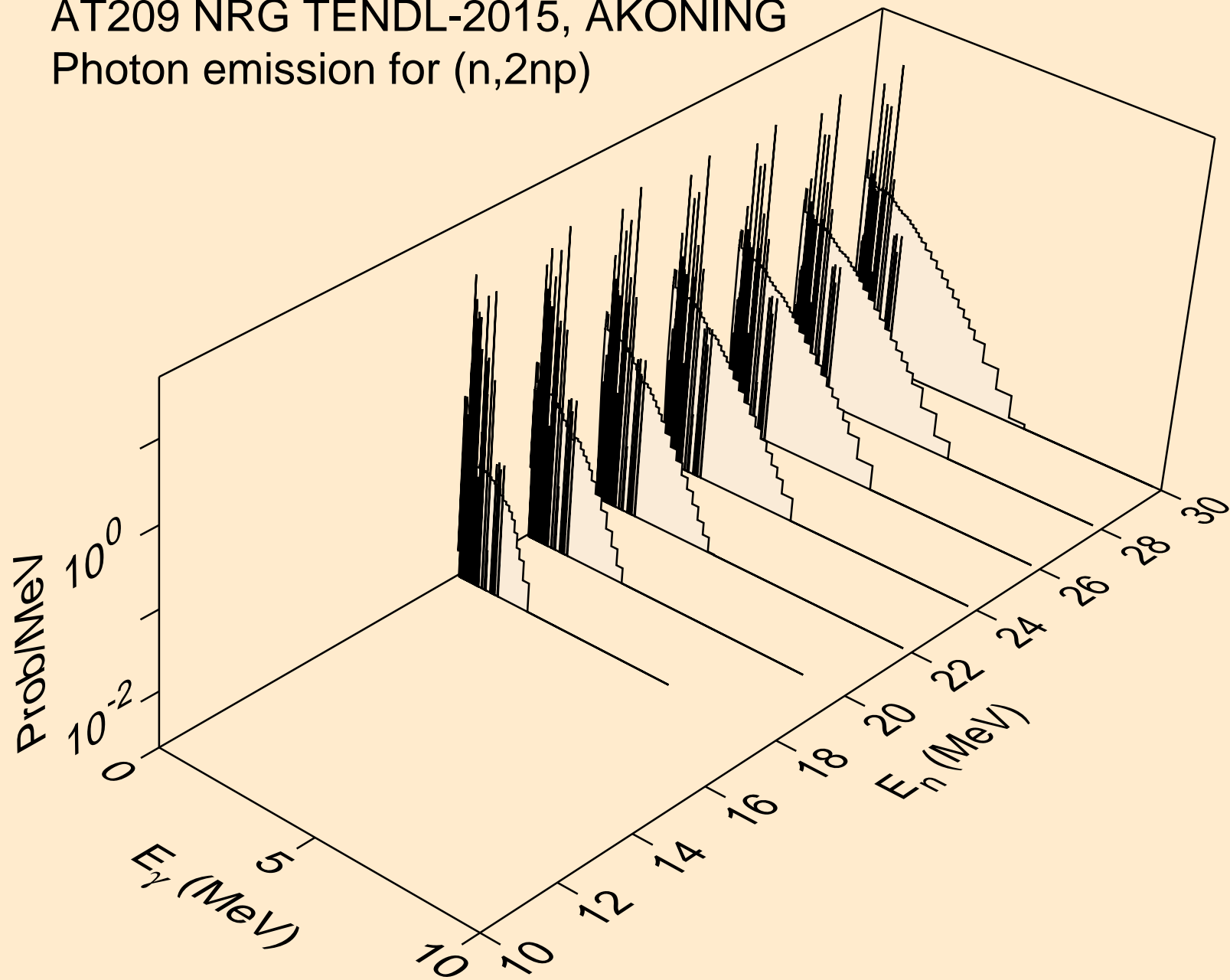
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

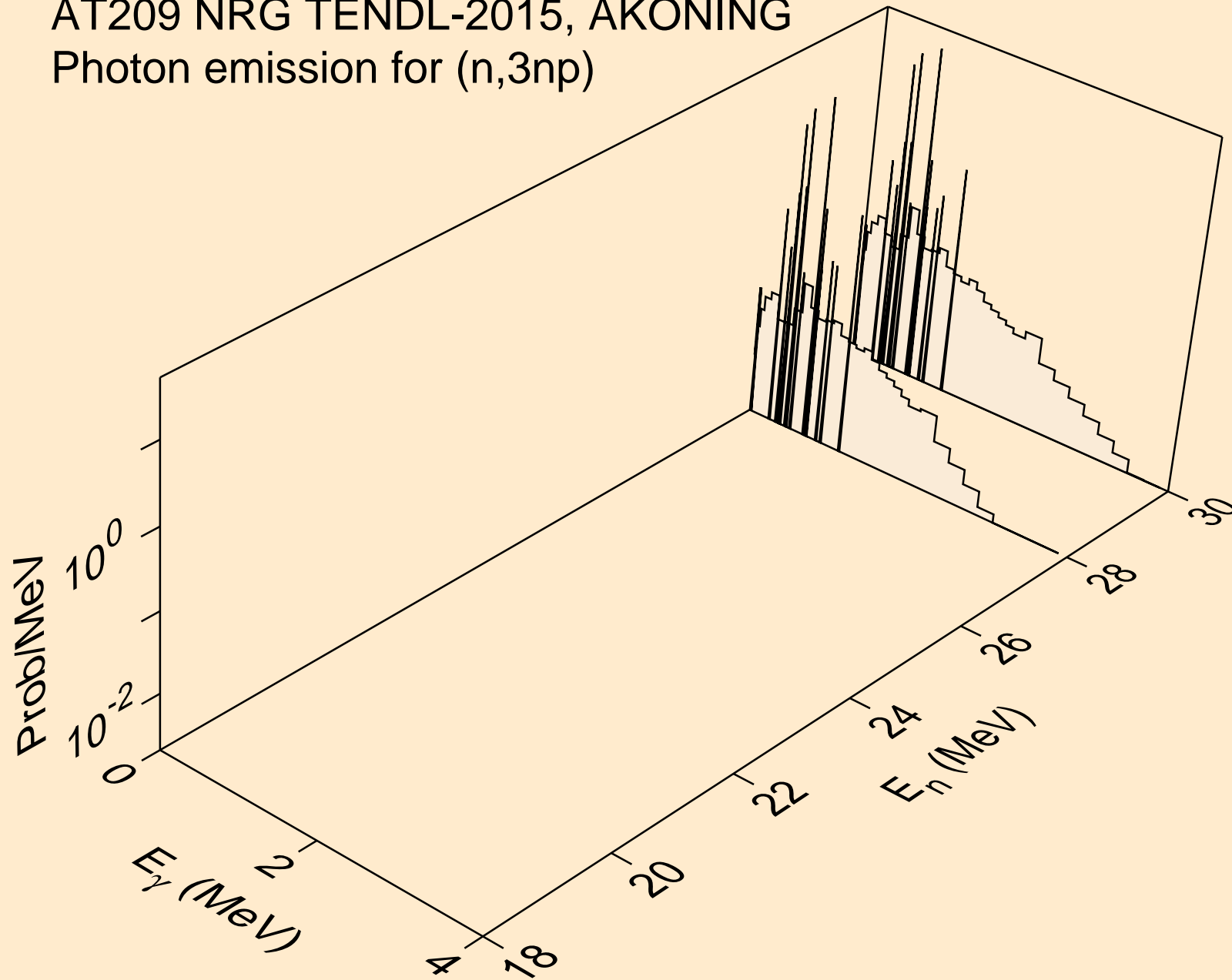


AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

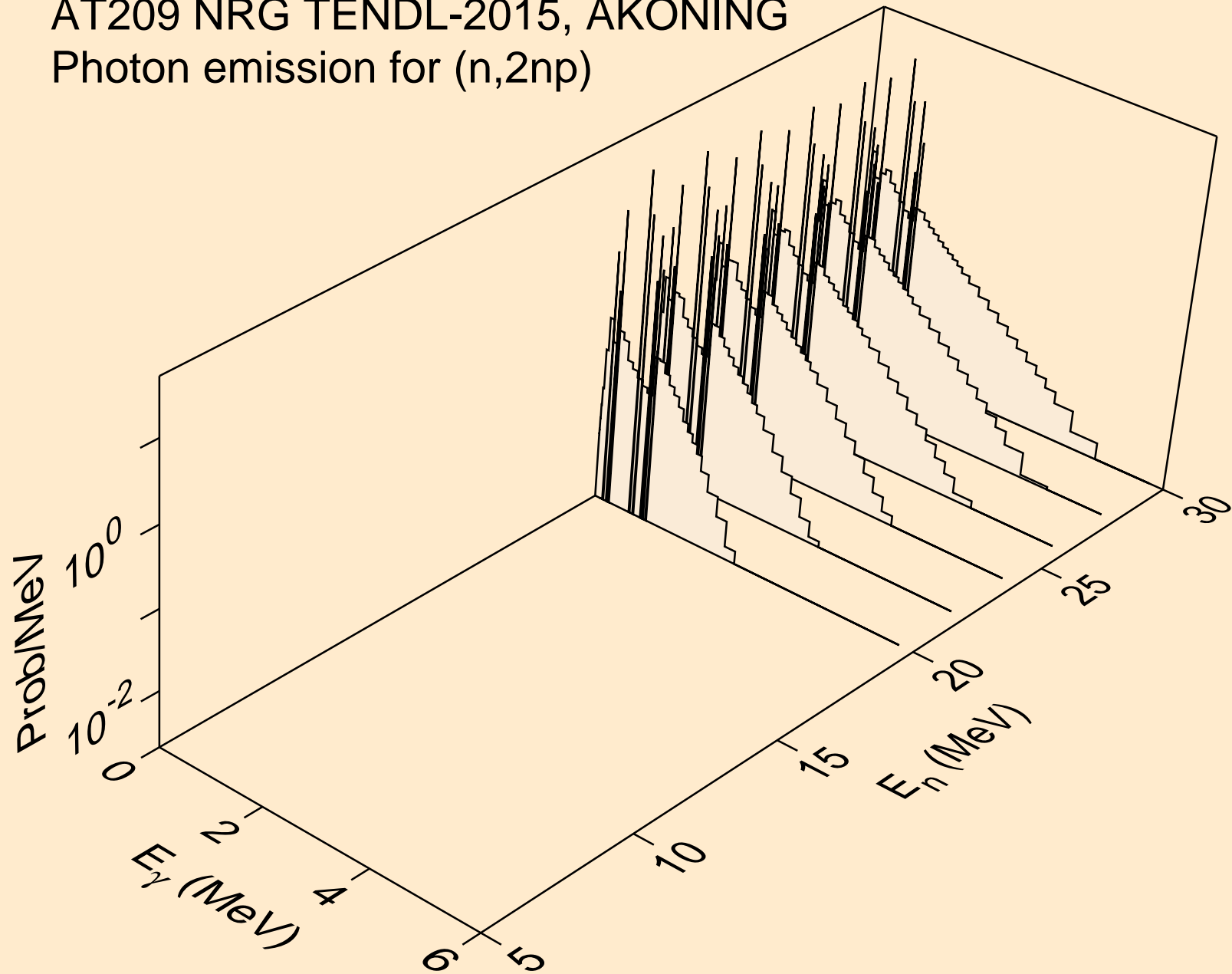




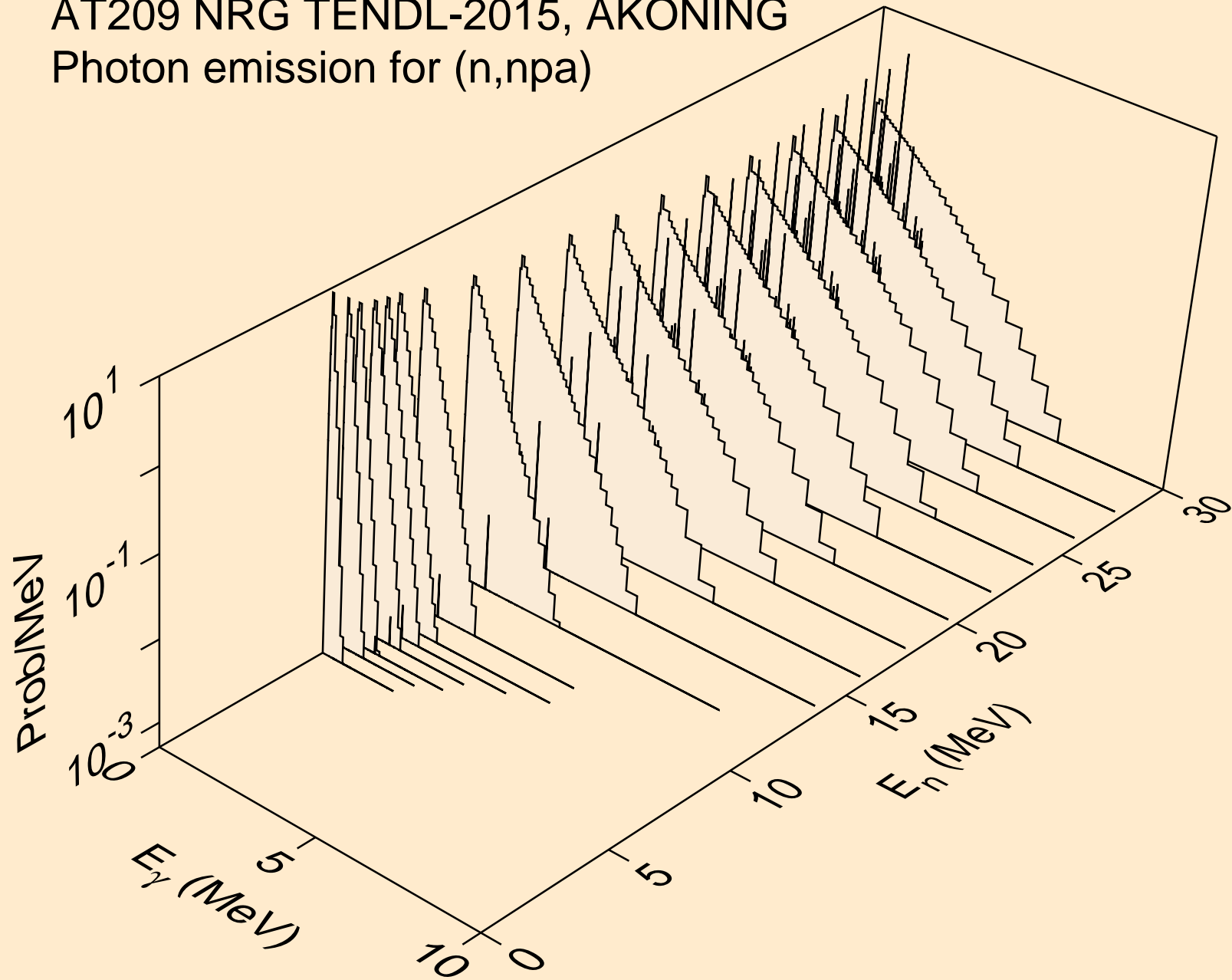
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



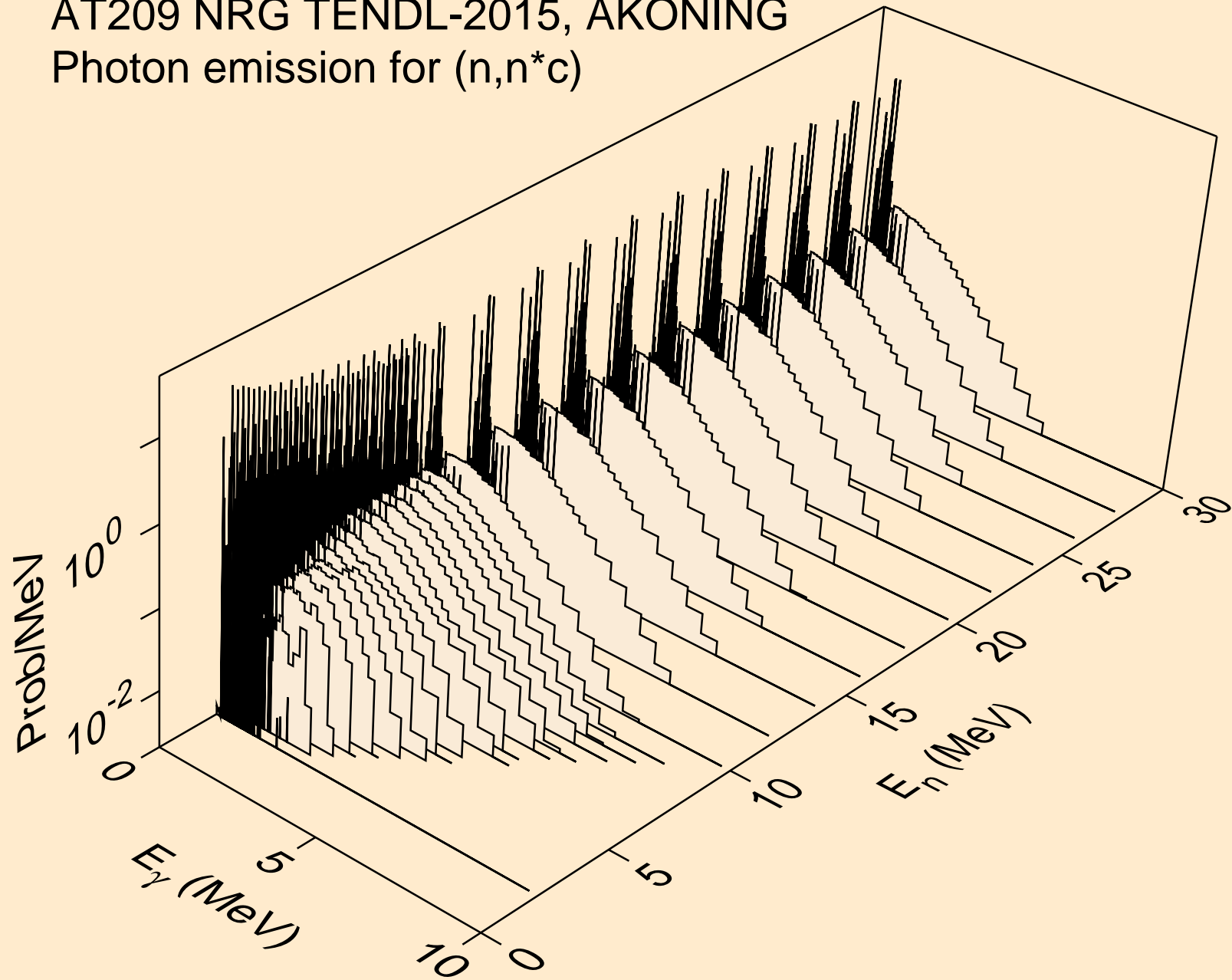
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



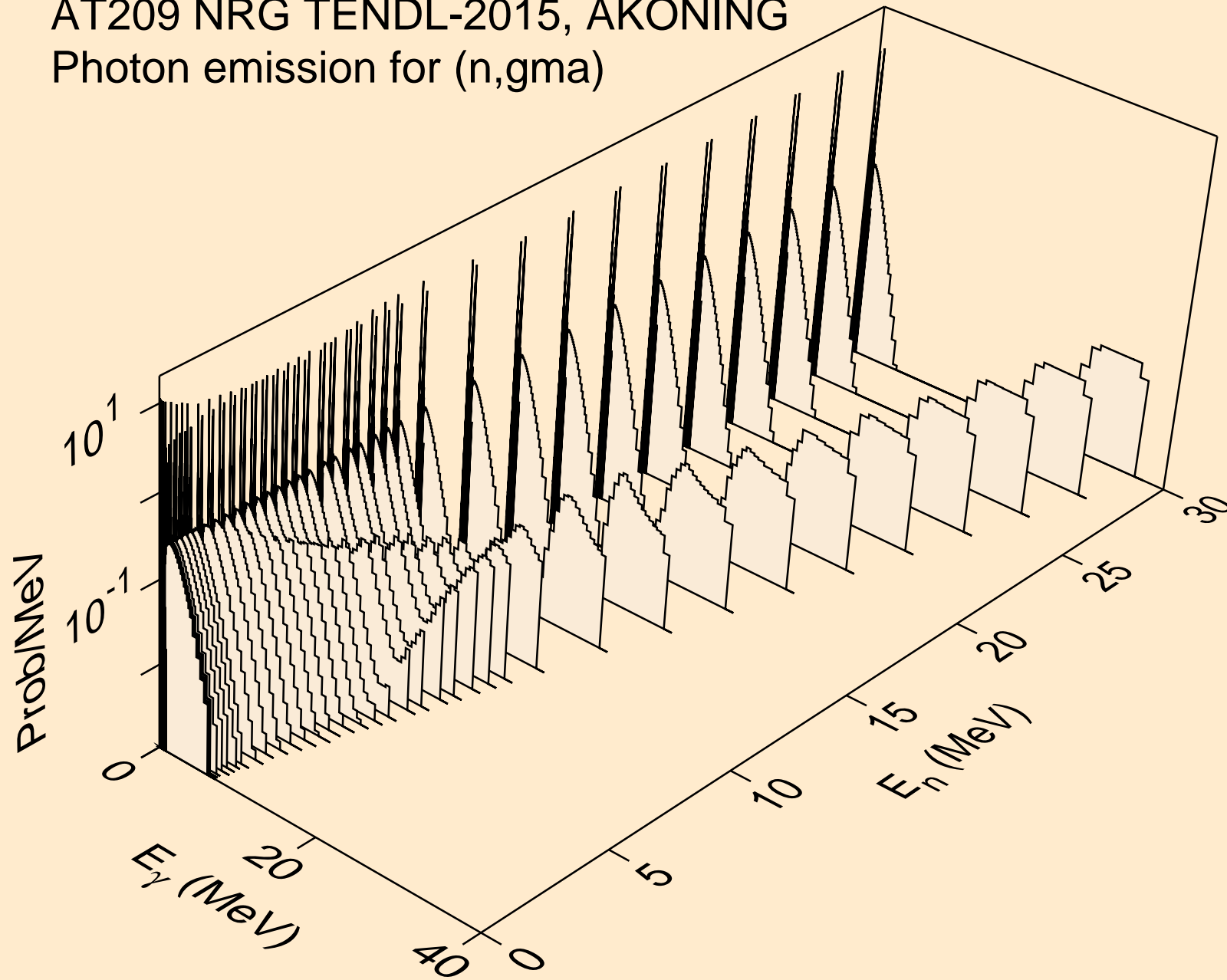
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



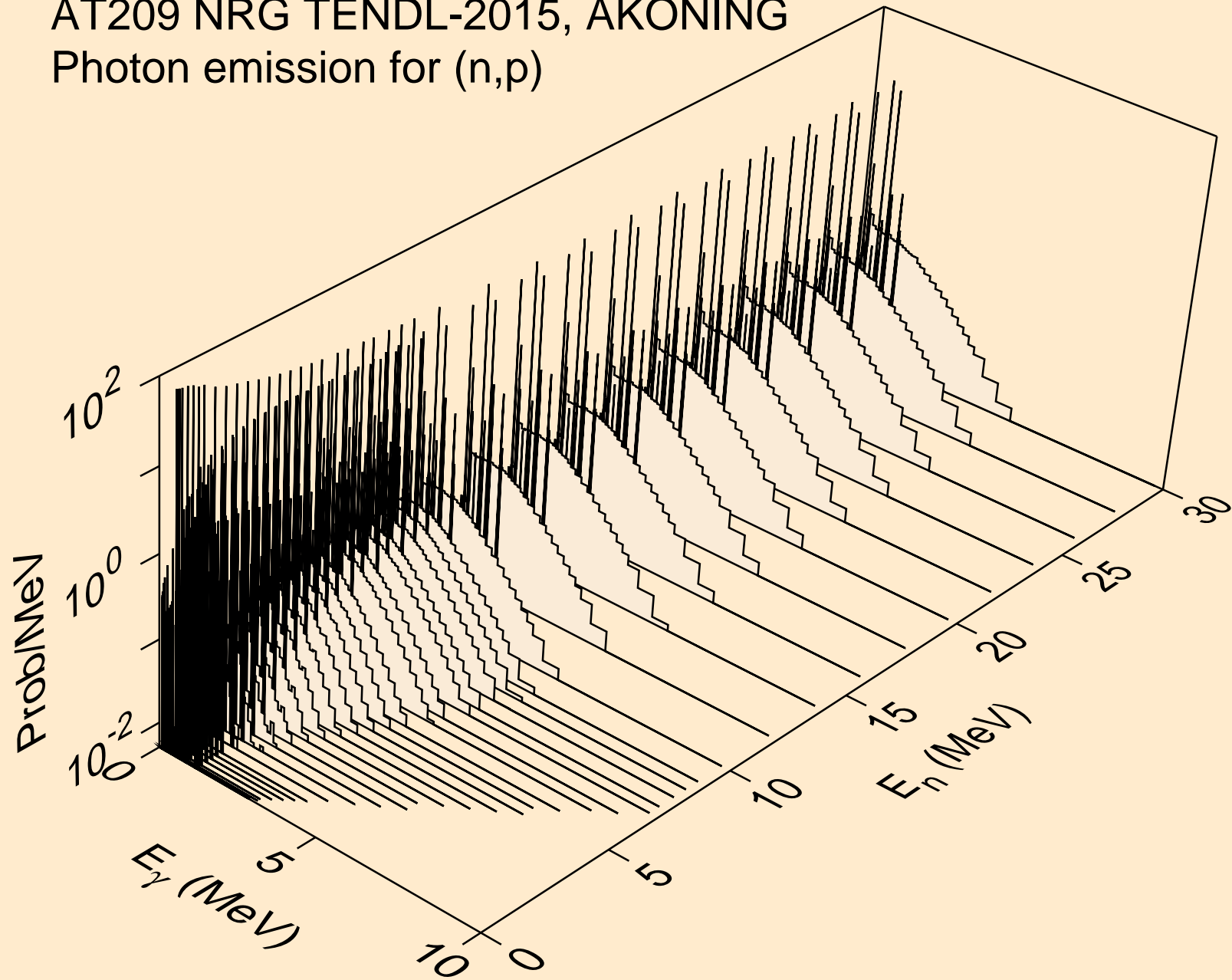
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



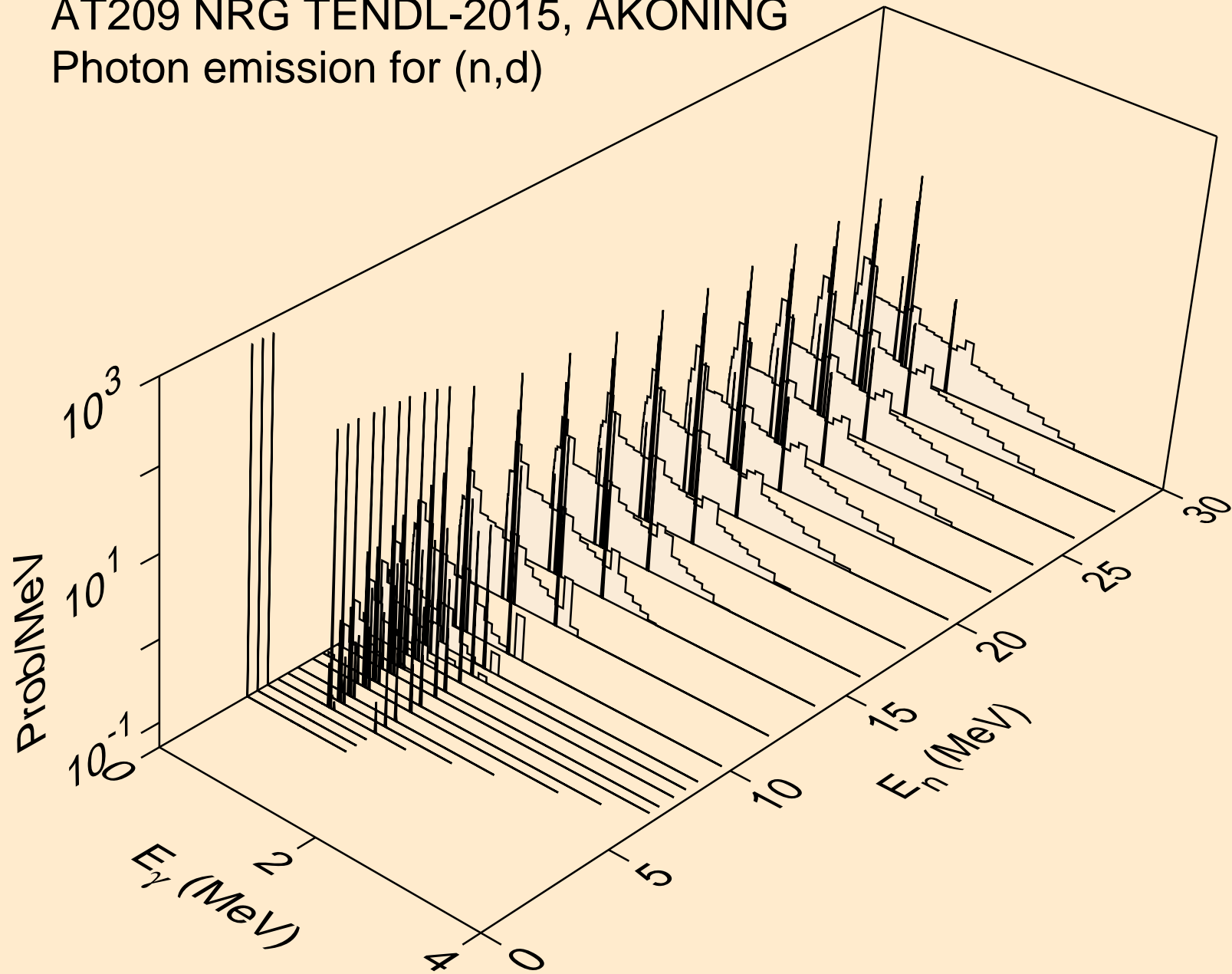
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



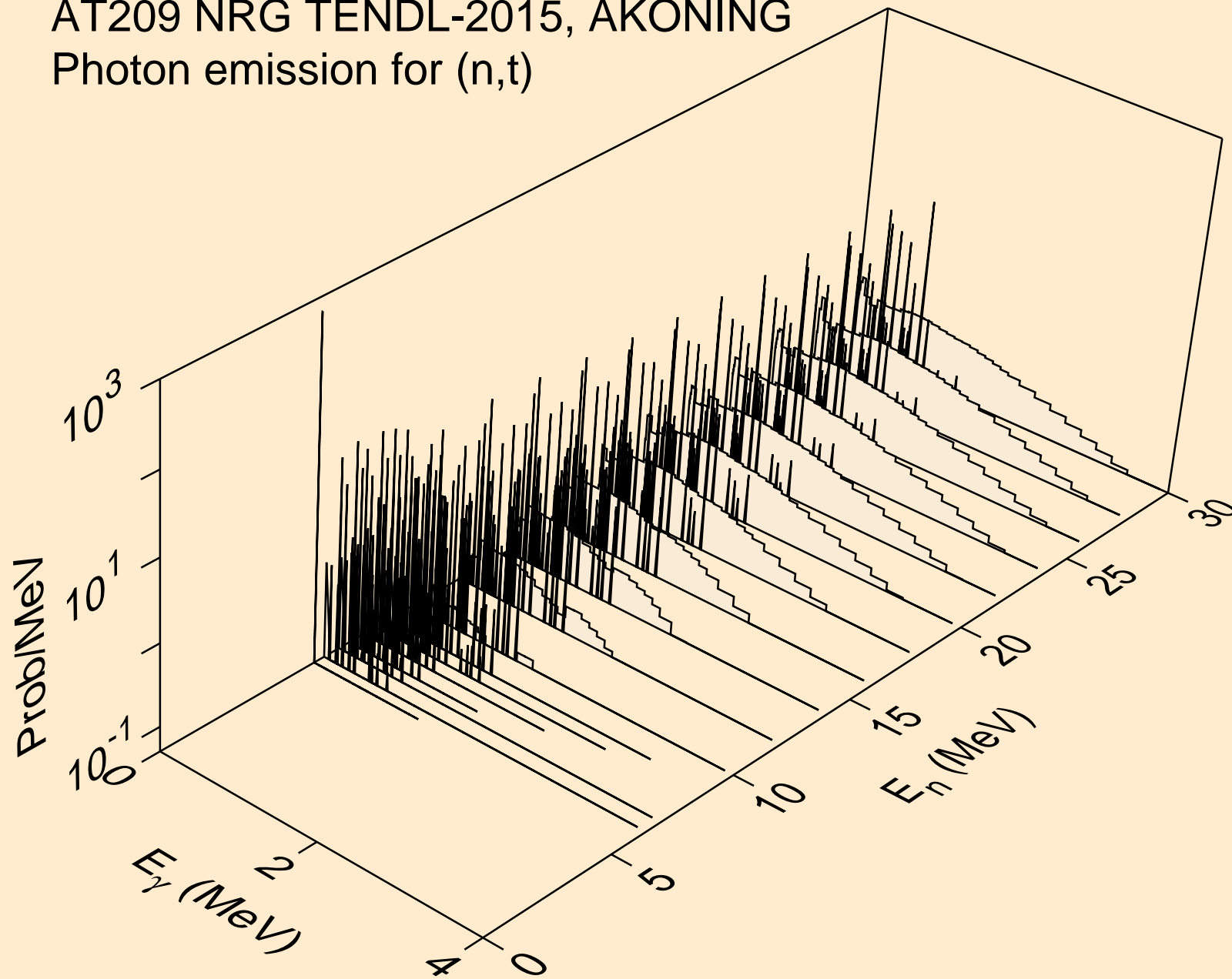
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

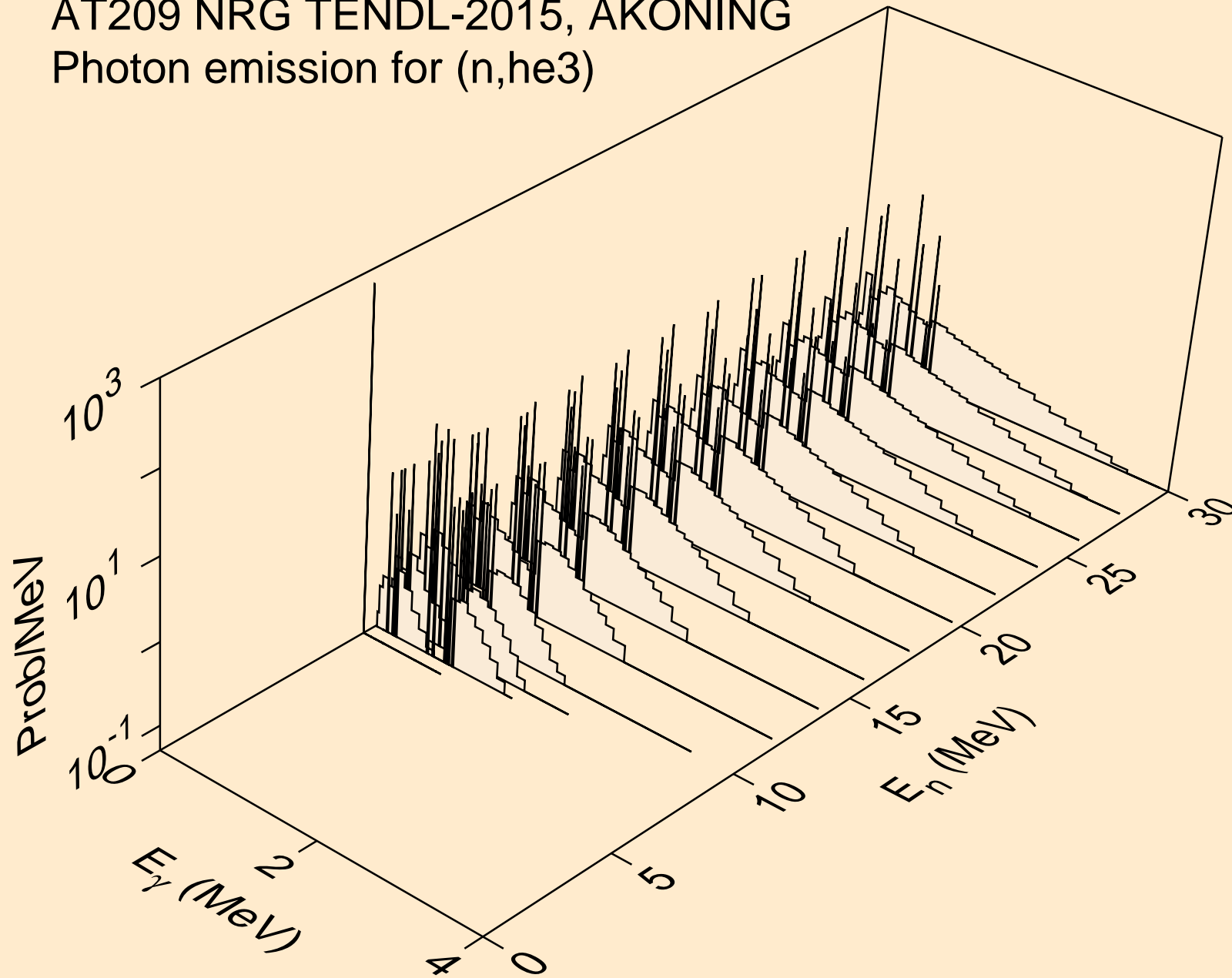


AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

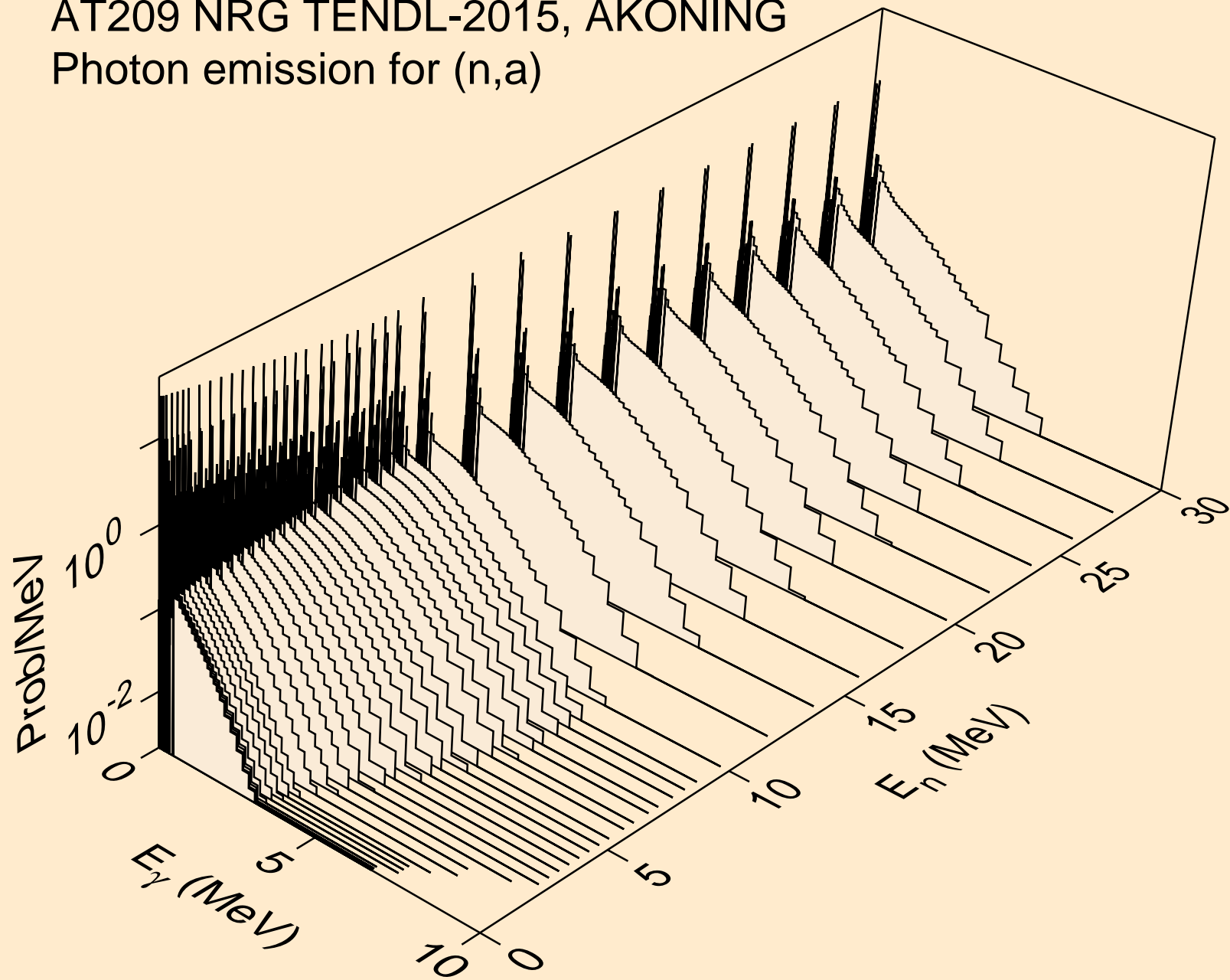




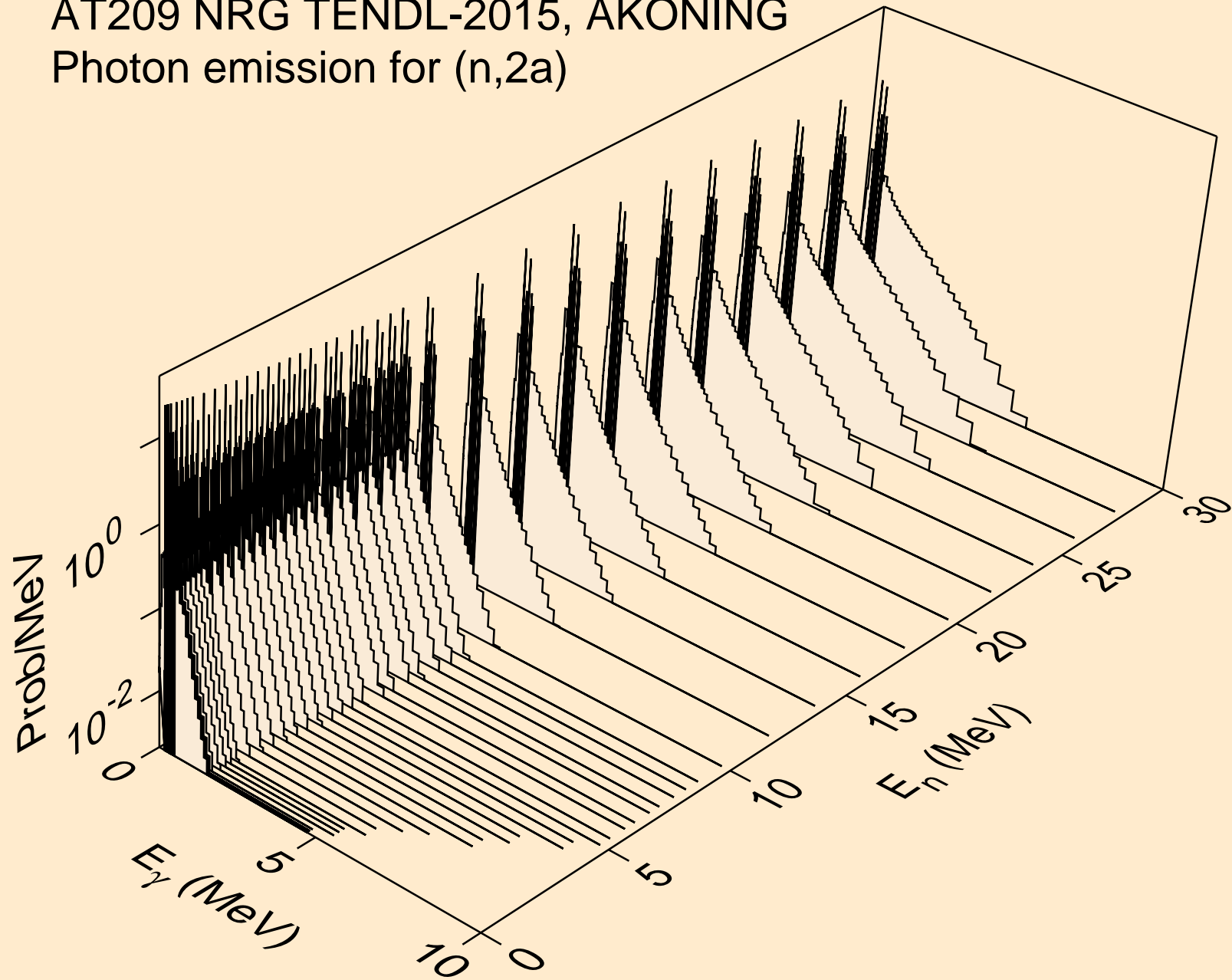
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



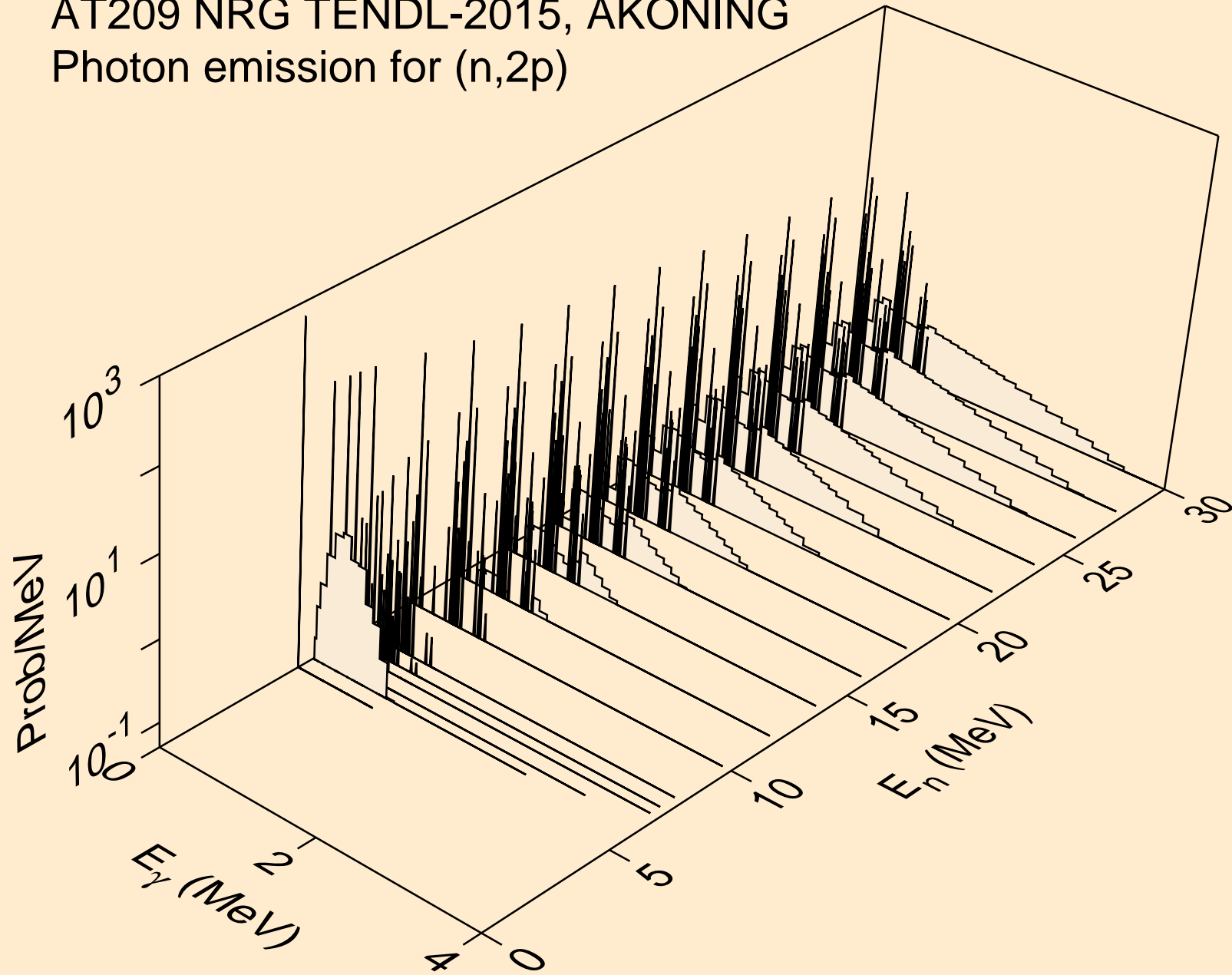
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



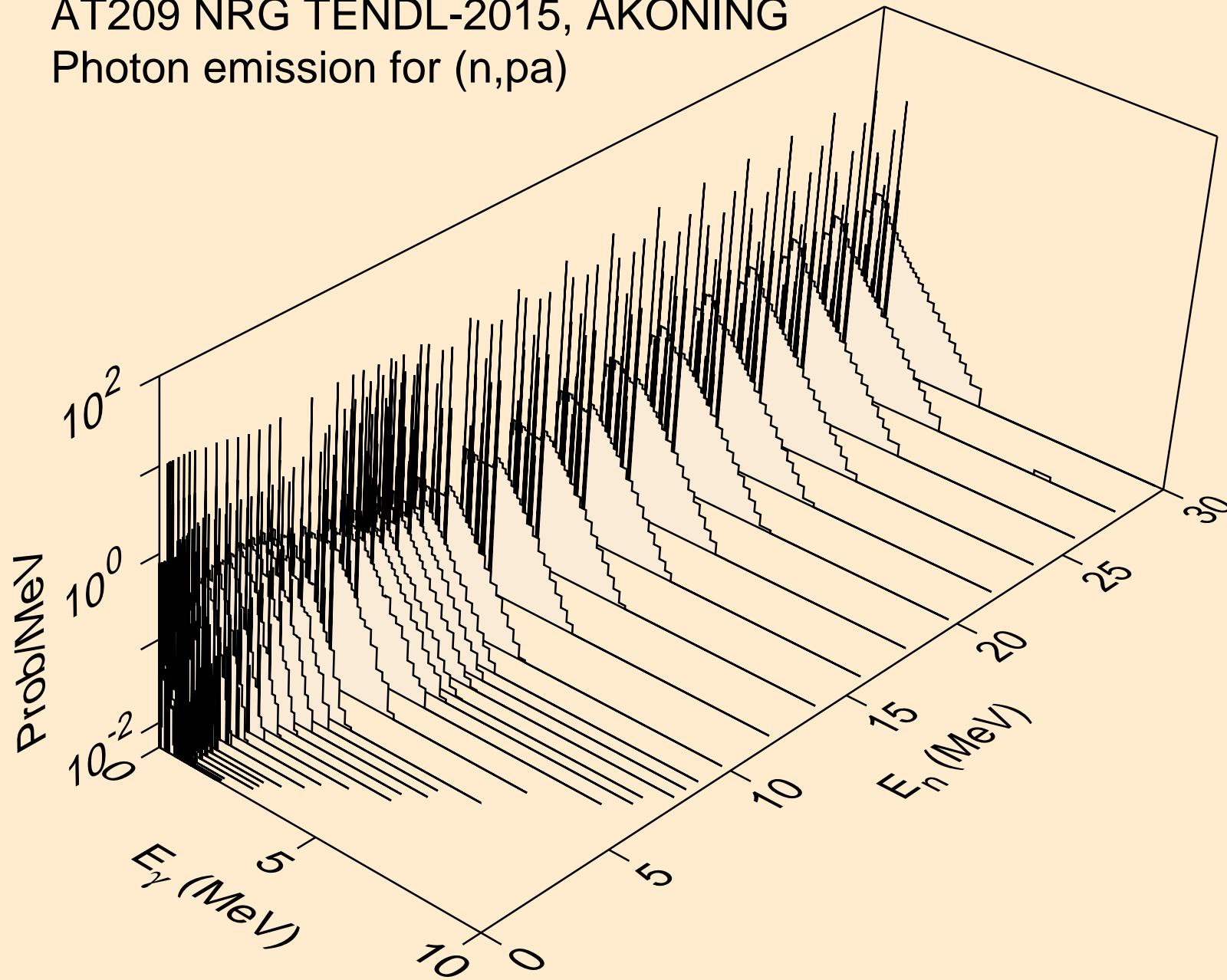
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



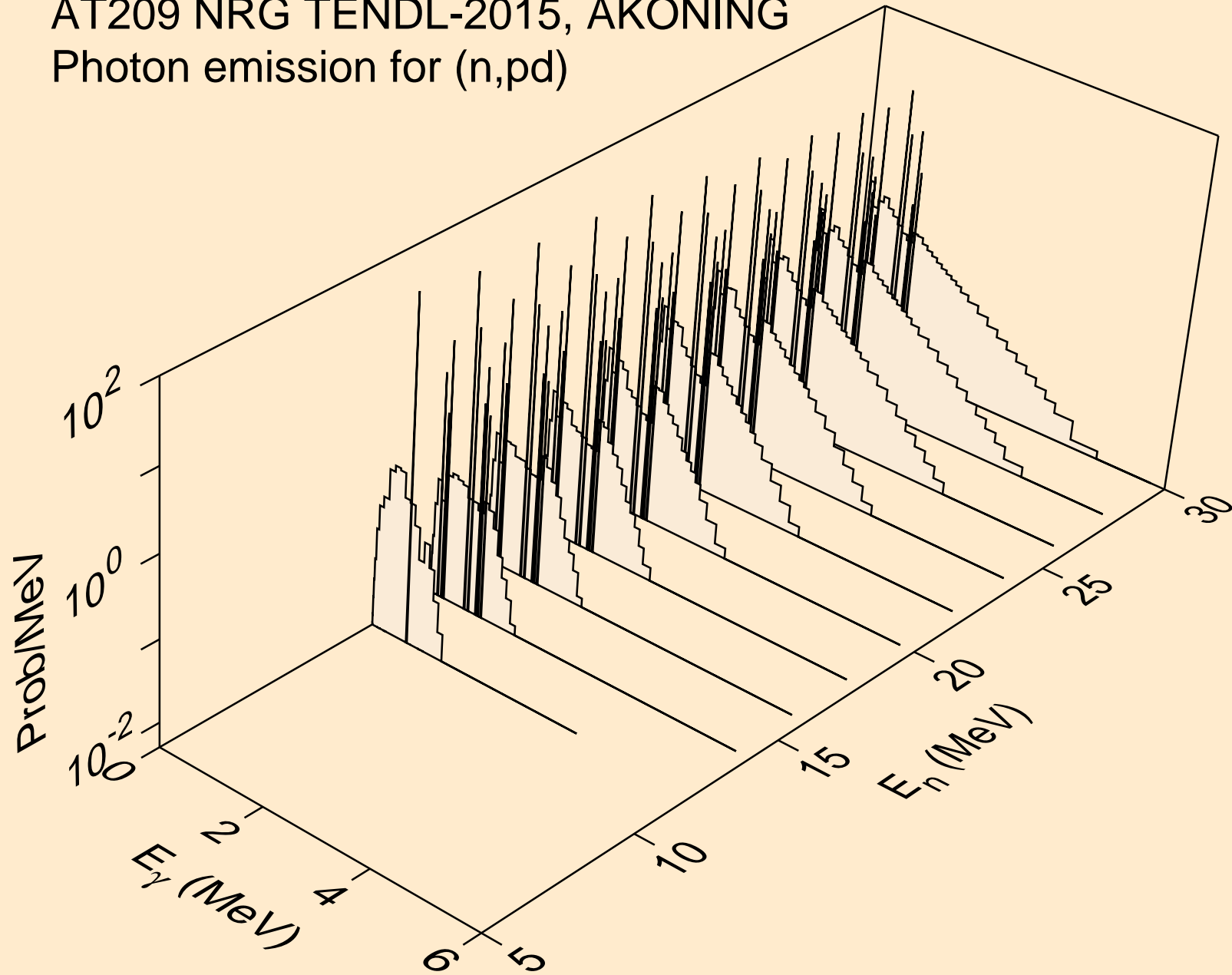
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



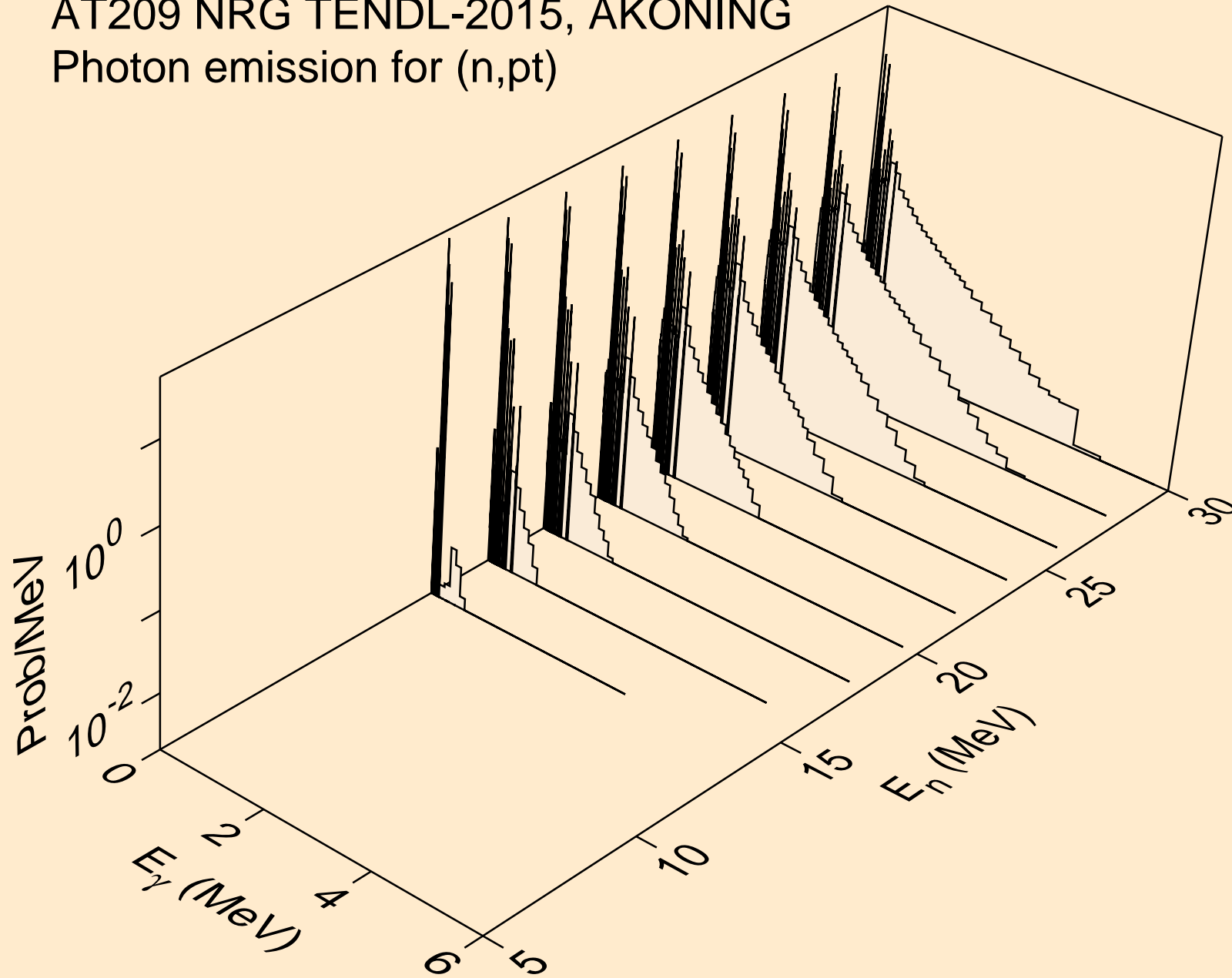
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



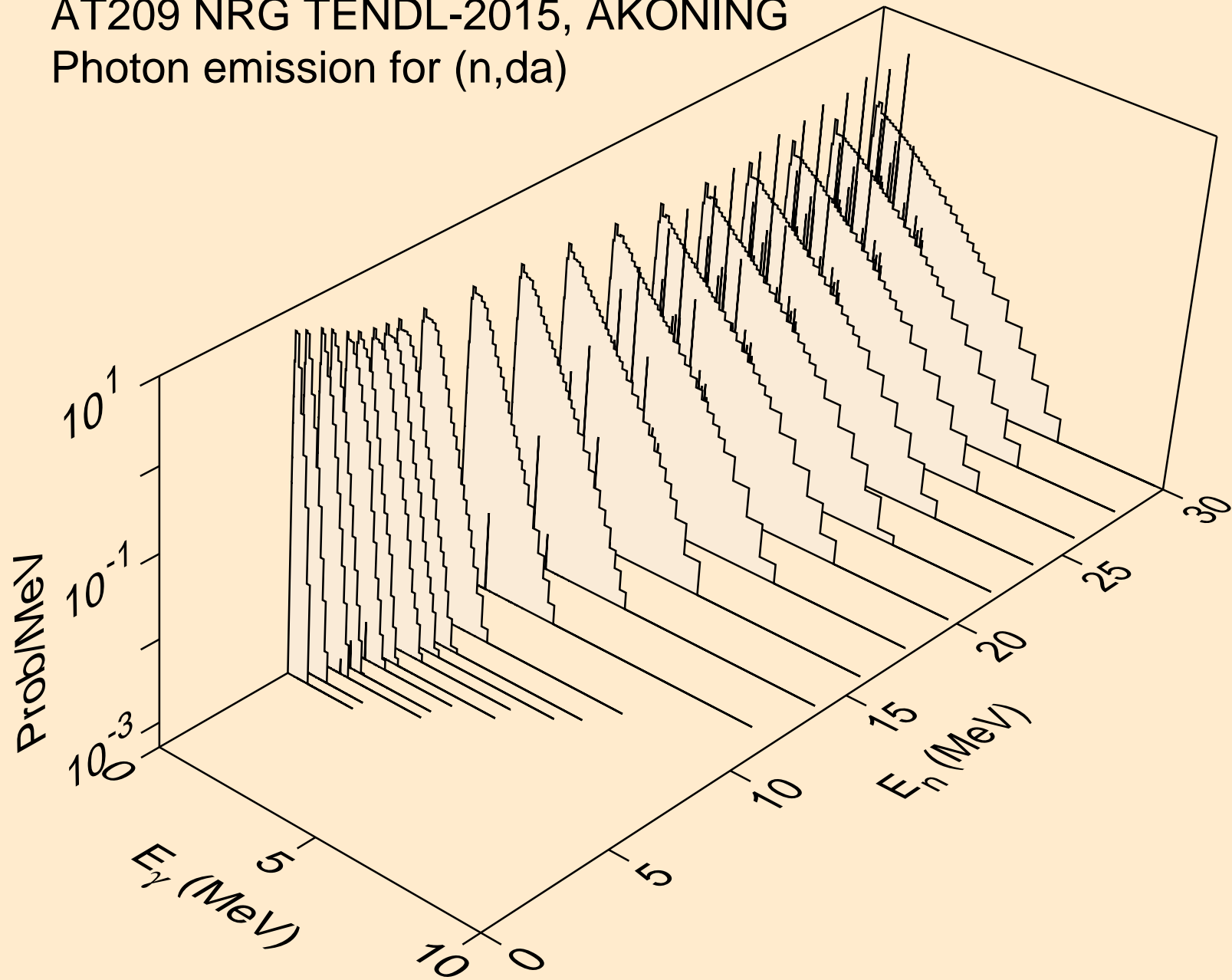
AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

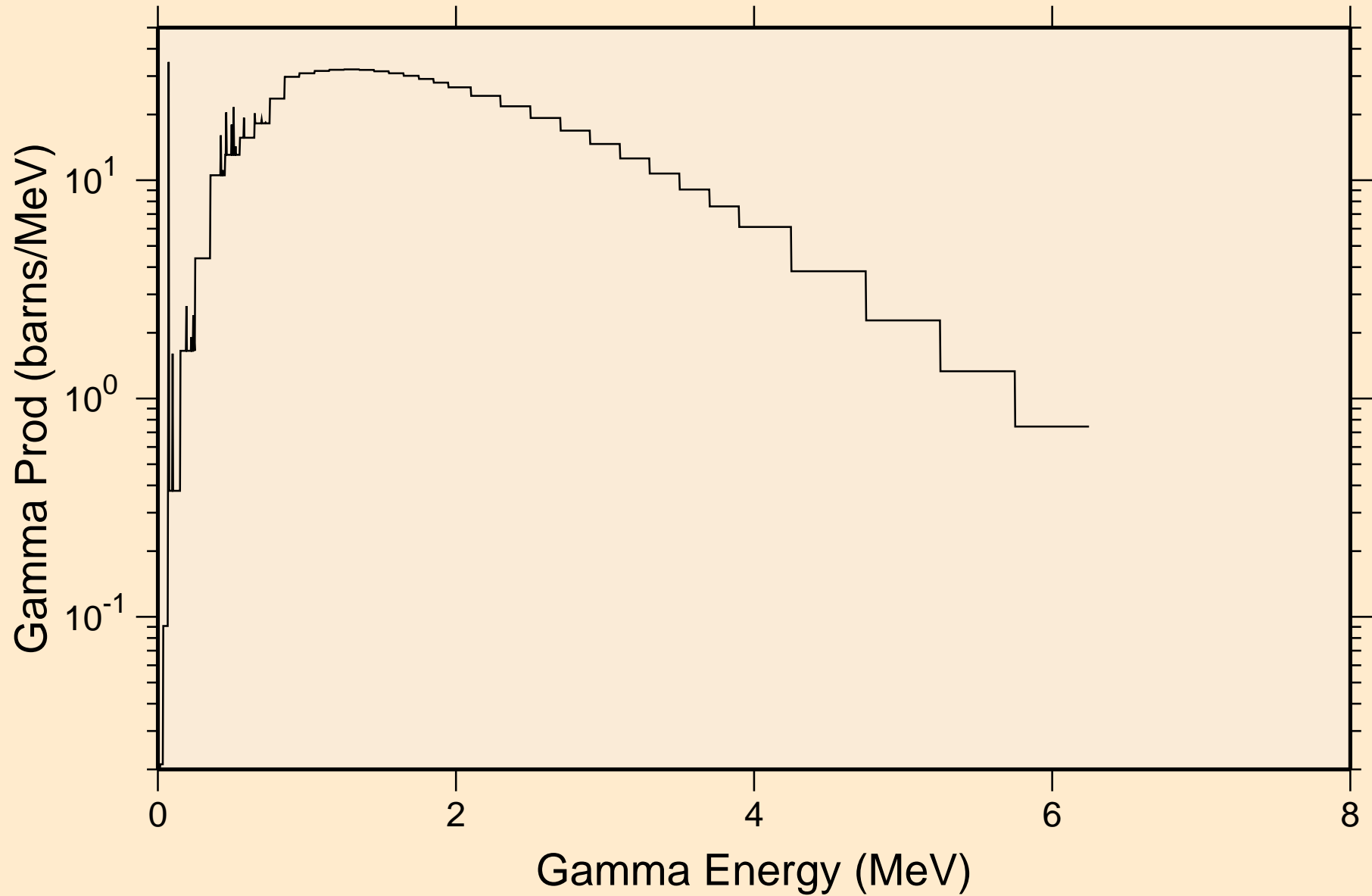


AT209 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

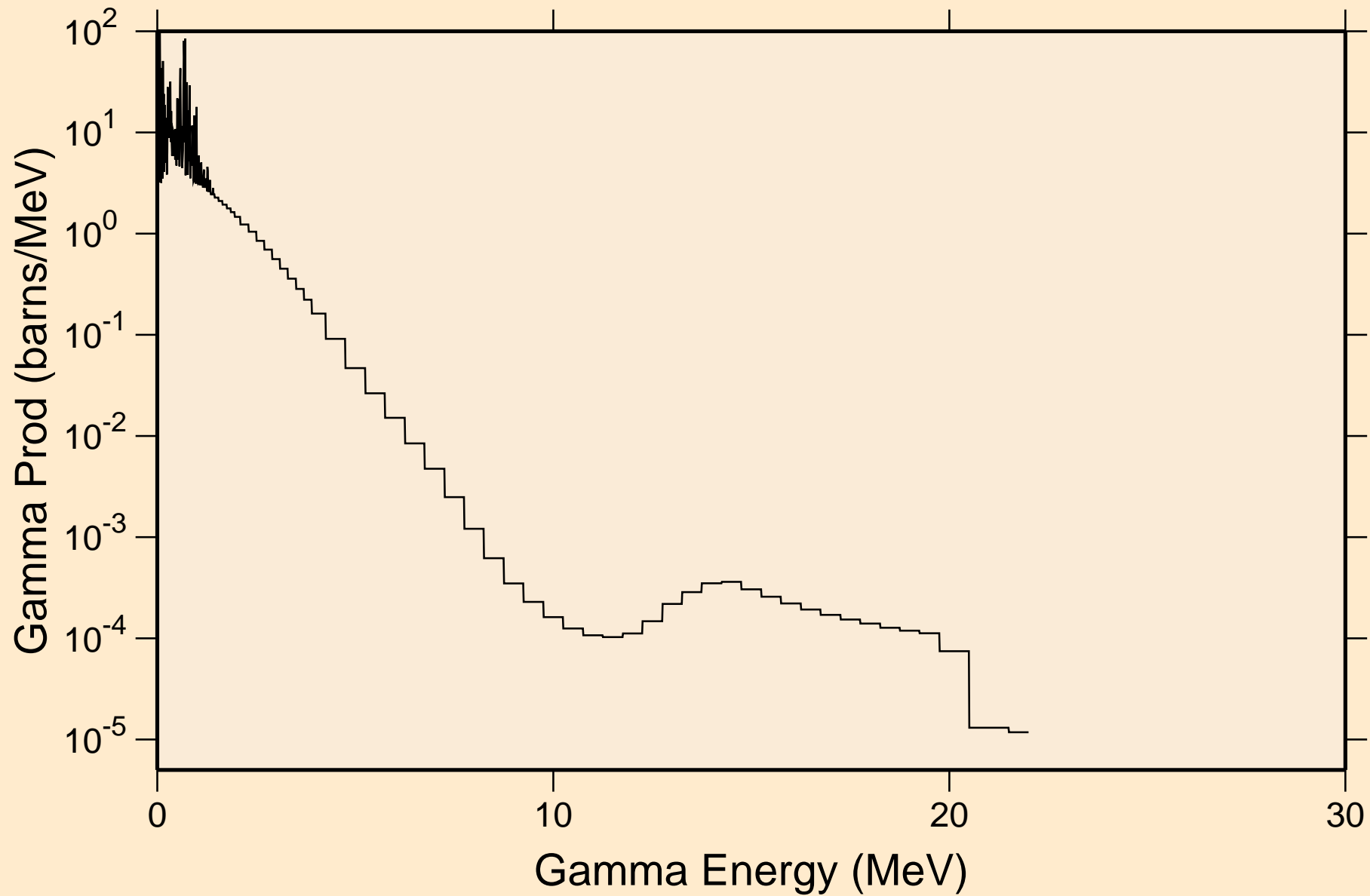




AT209 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

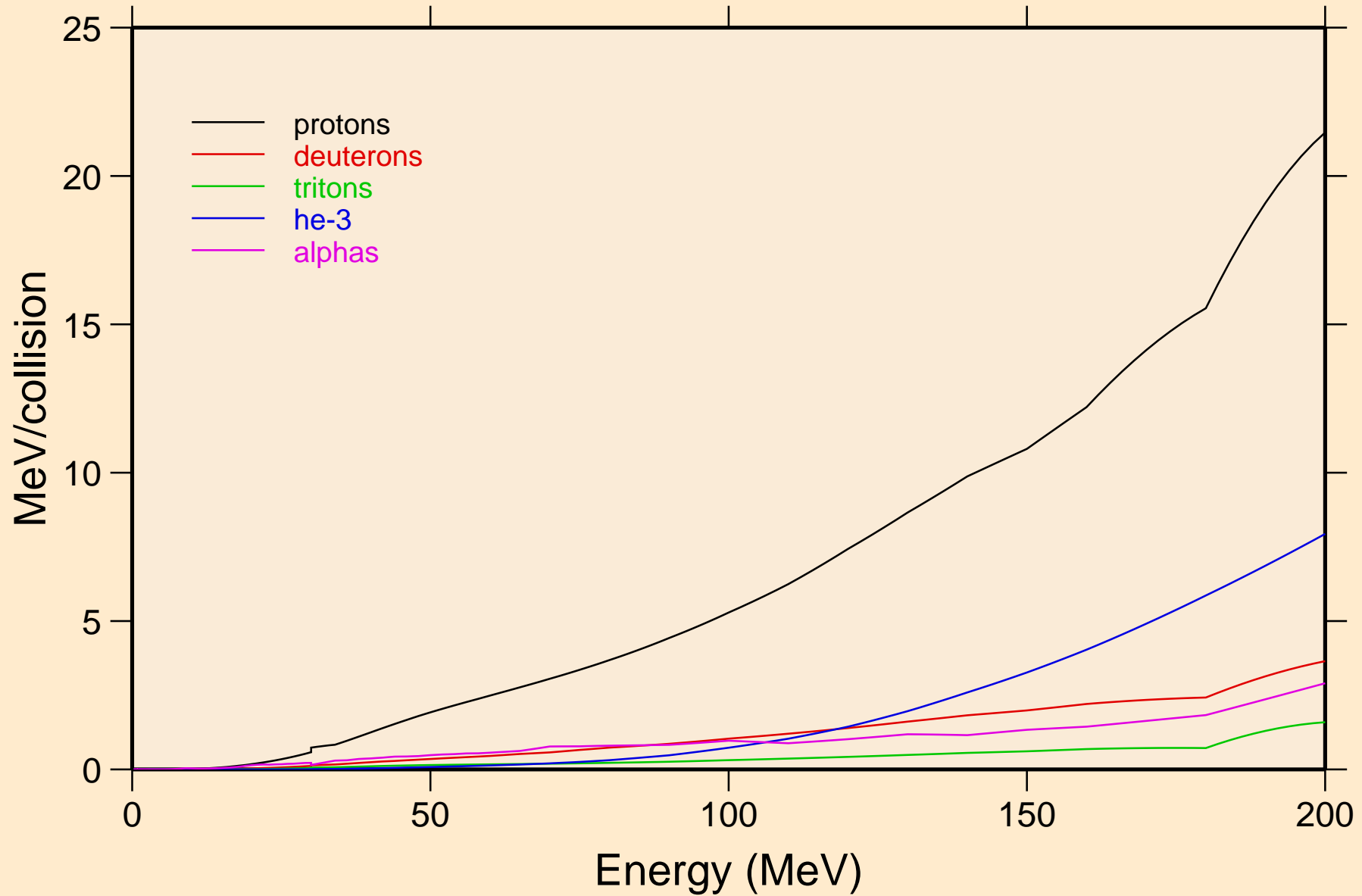


AT209 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



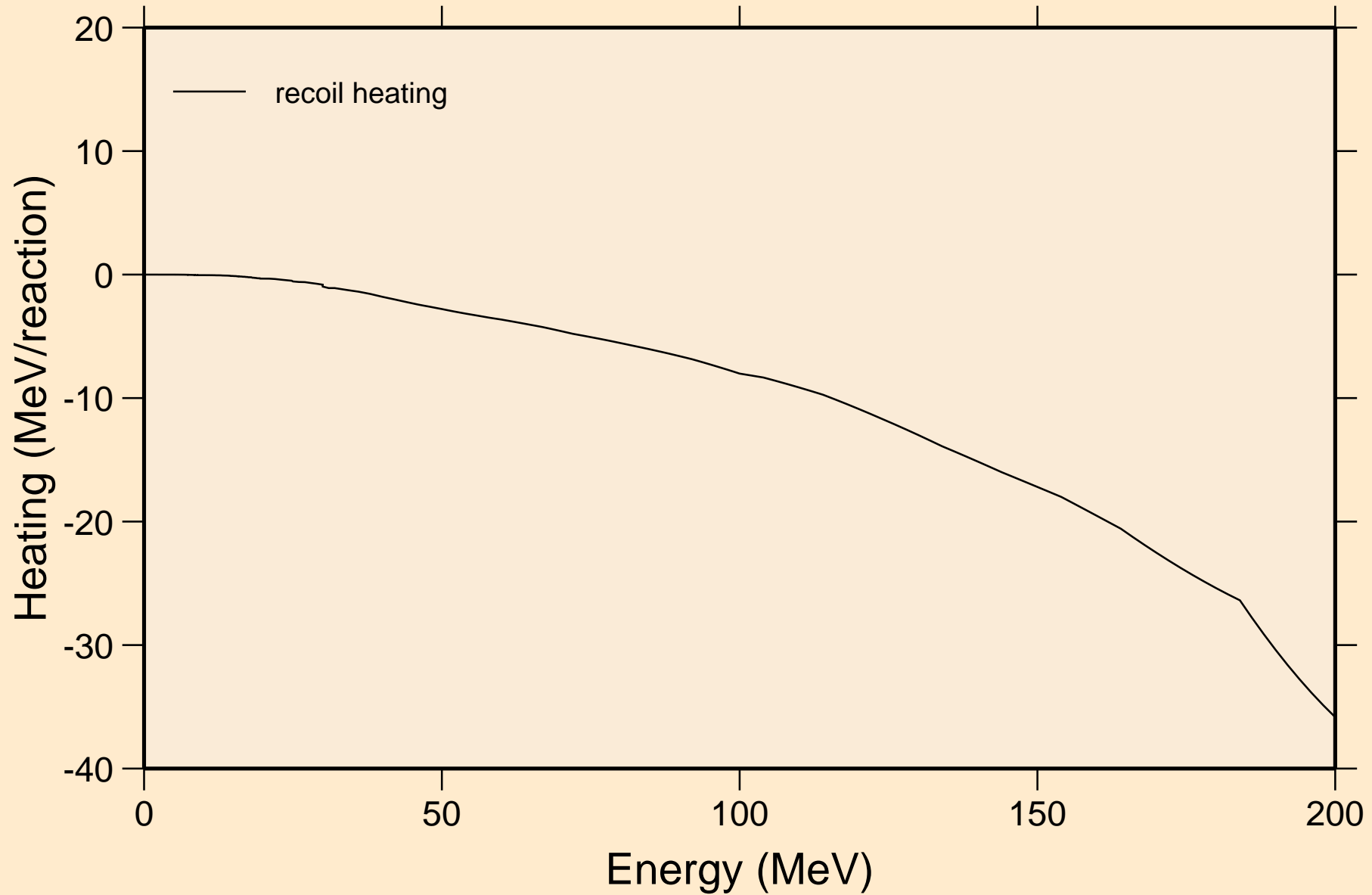
# AT209 NRG TENDL-2015, AKONING

## Particle heating contributions



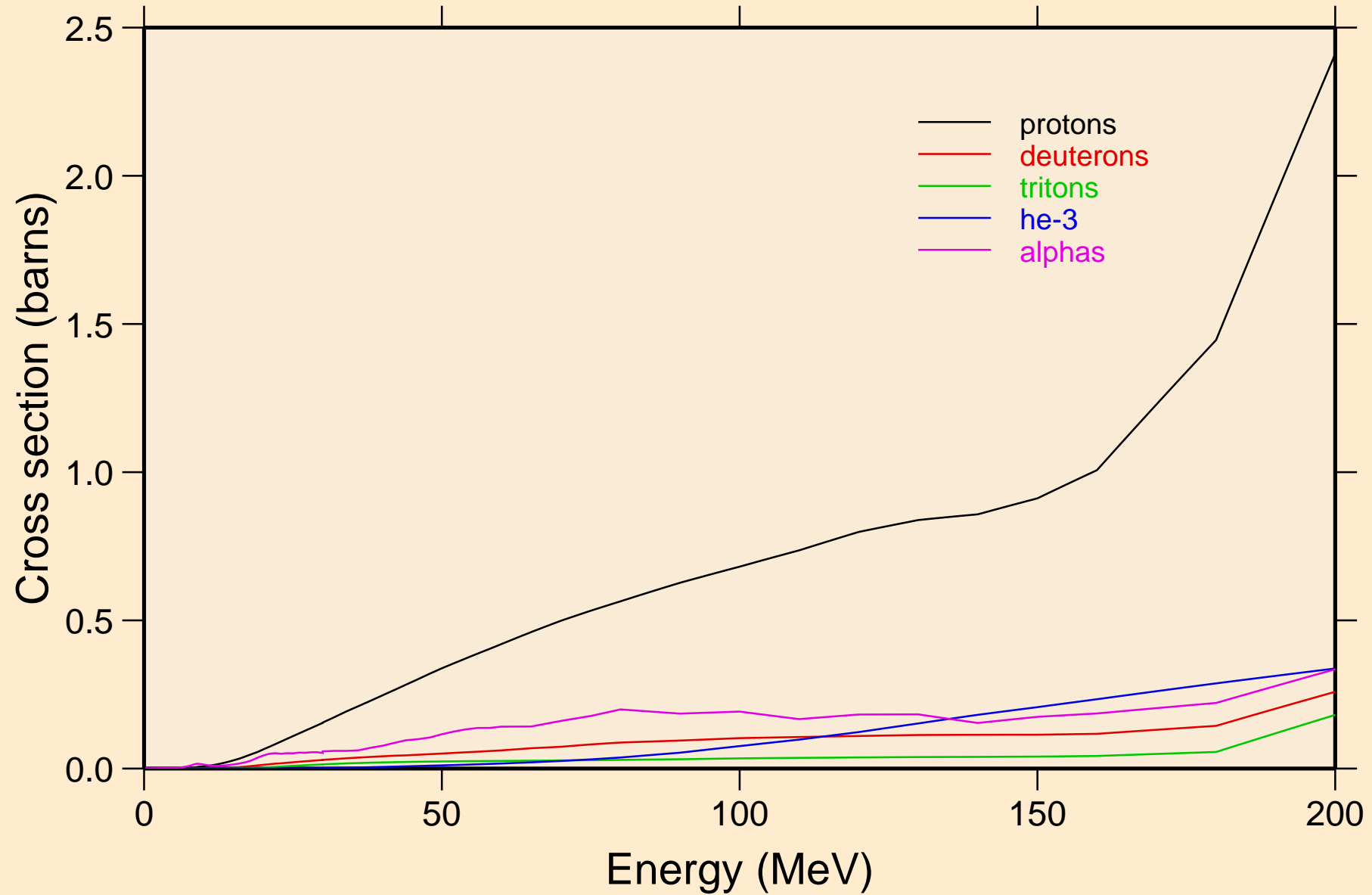
# AT209 NRG TENDL-2015, AKONING

## Recoil Heating

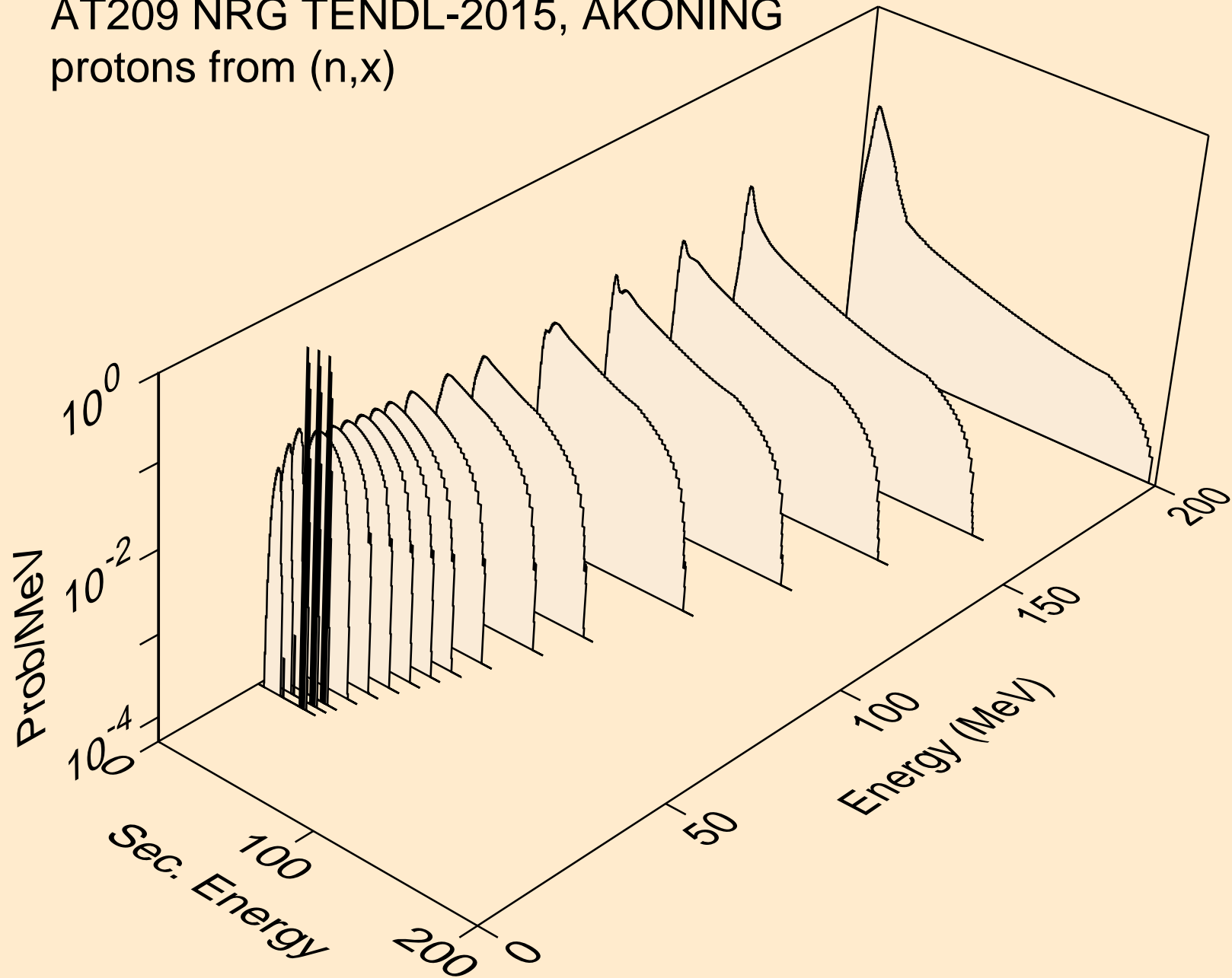


# AT209 NRG TENDL-2015, AKONING

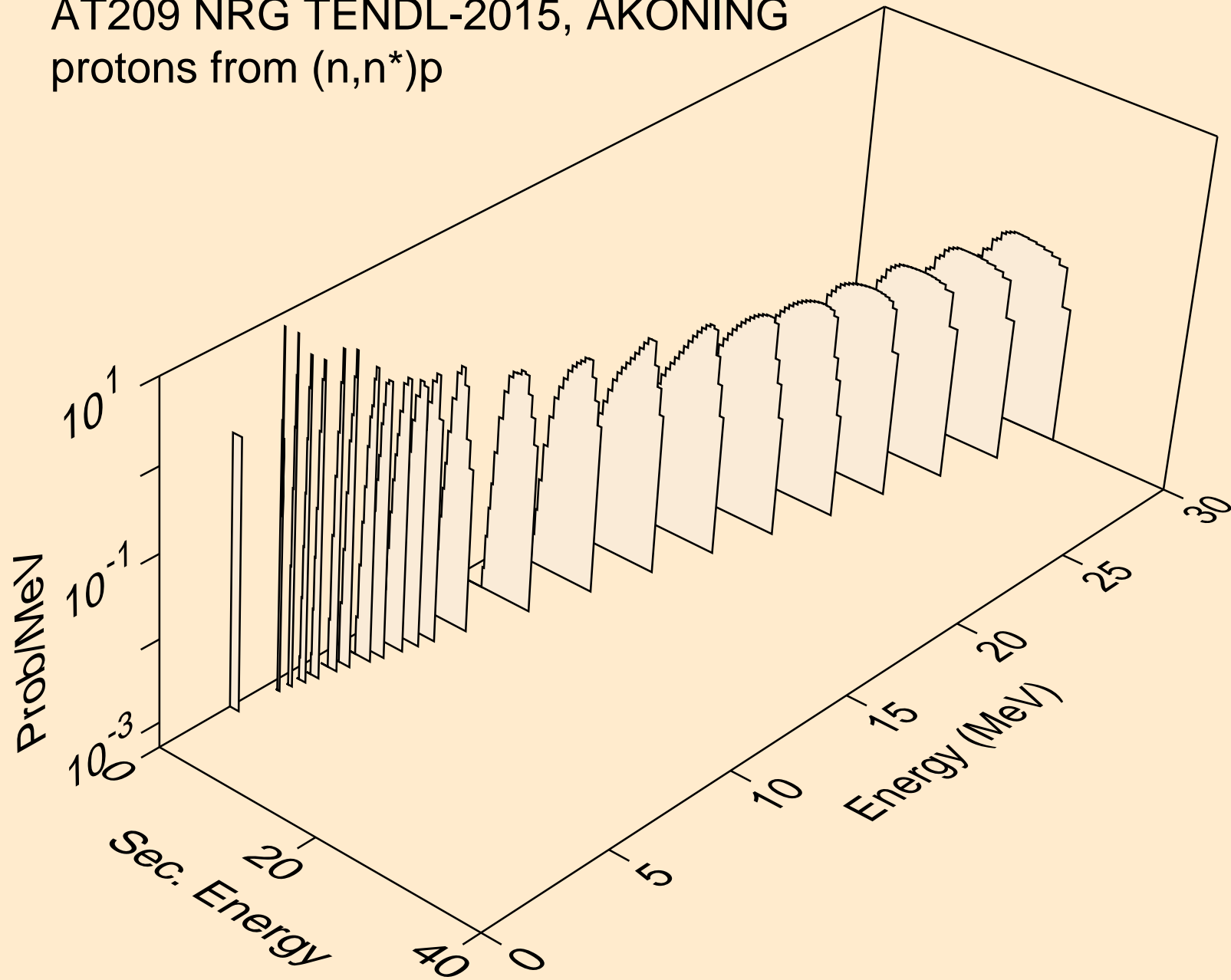
## Particle production cross sections



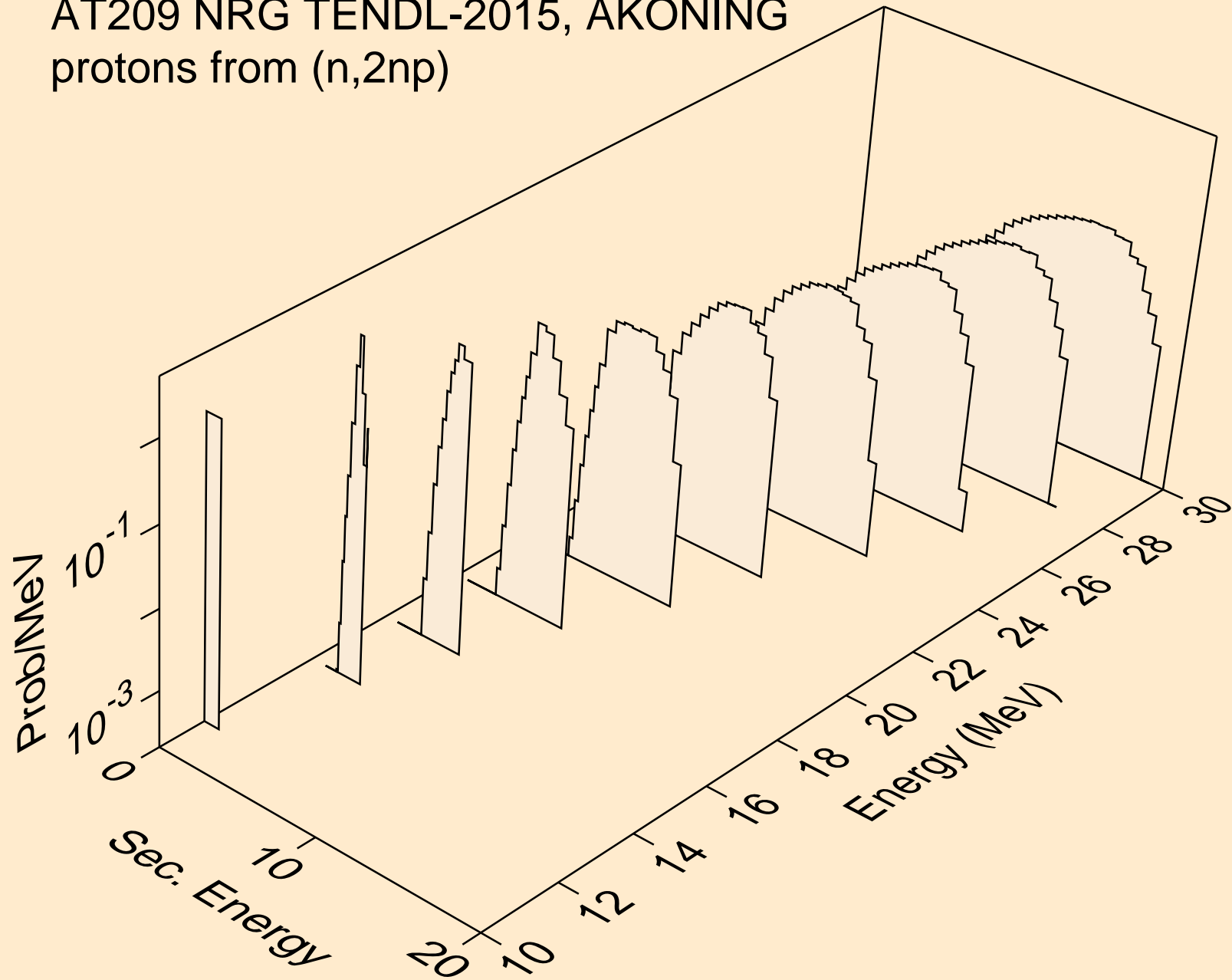
AT209 NRG TENDL-2015, AKONING  
protons from (n,x)



AT209 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

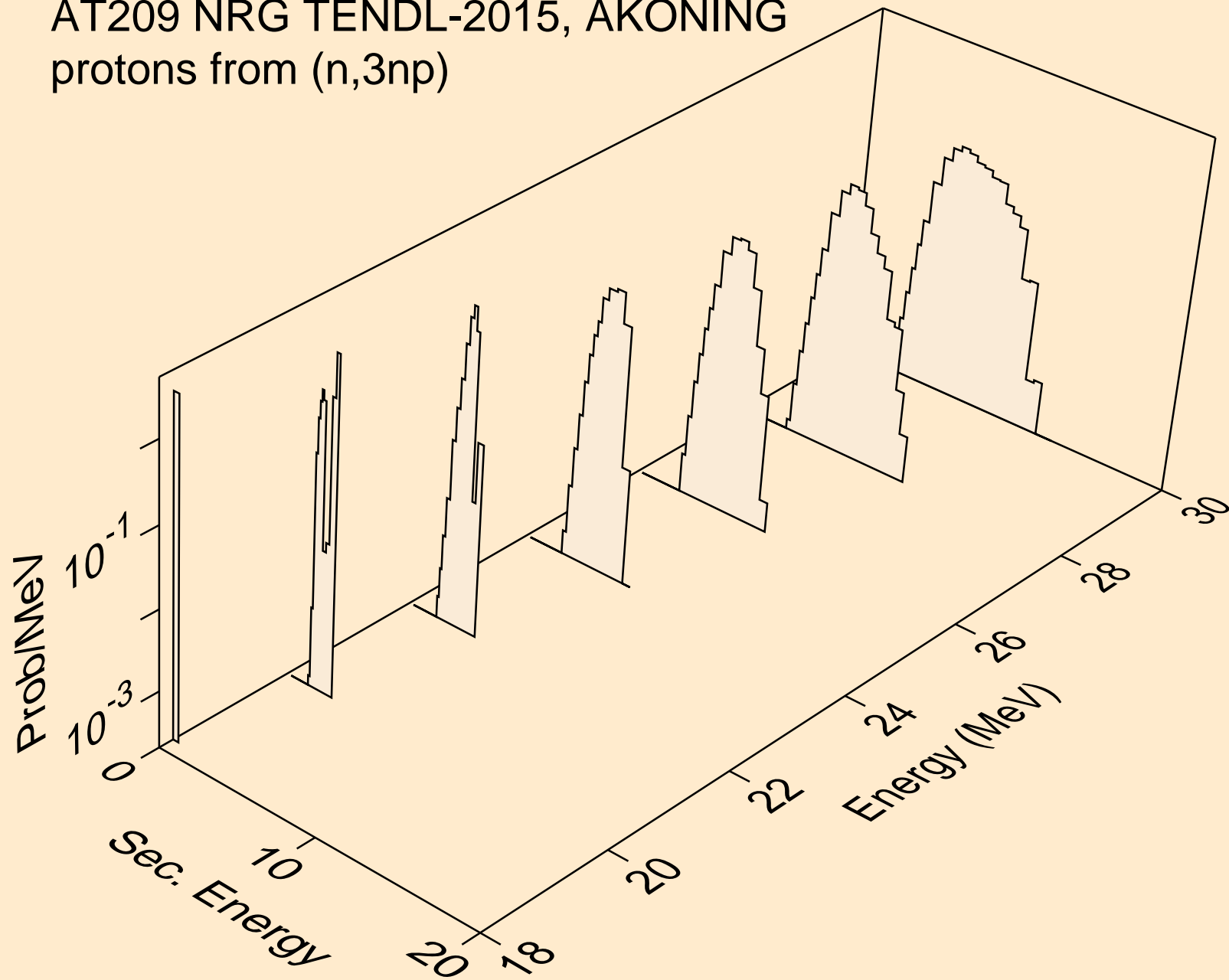


AT209 NRG TENDL-2015, AKONING  
protons from (n,2np)

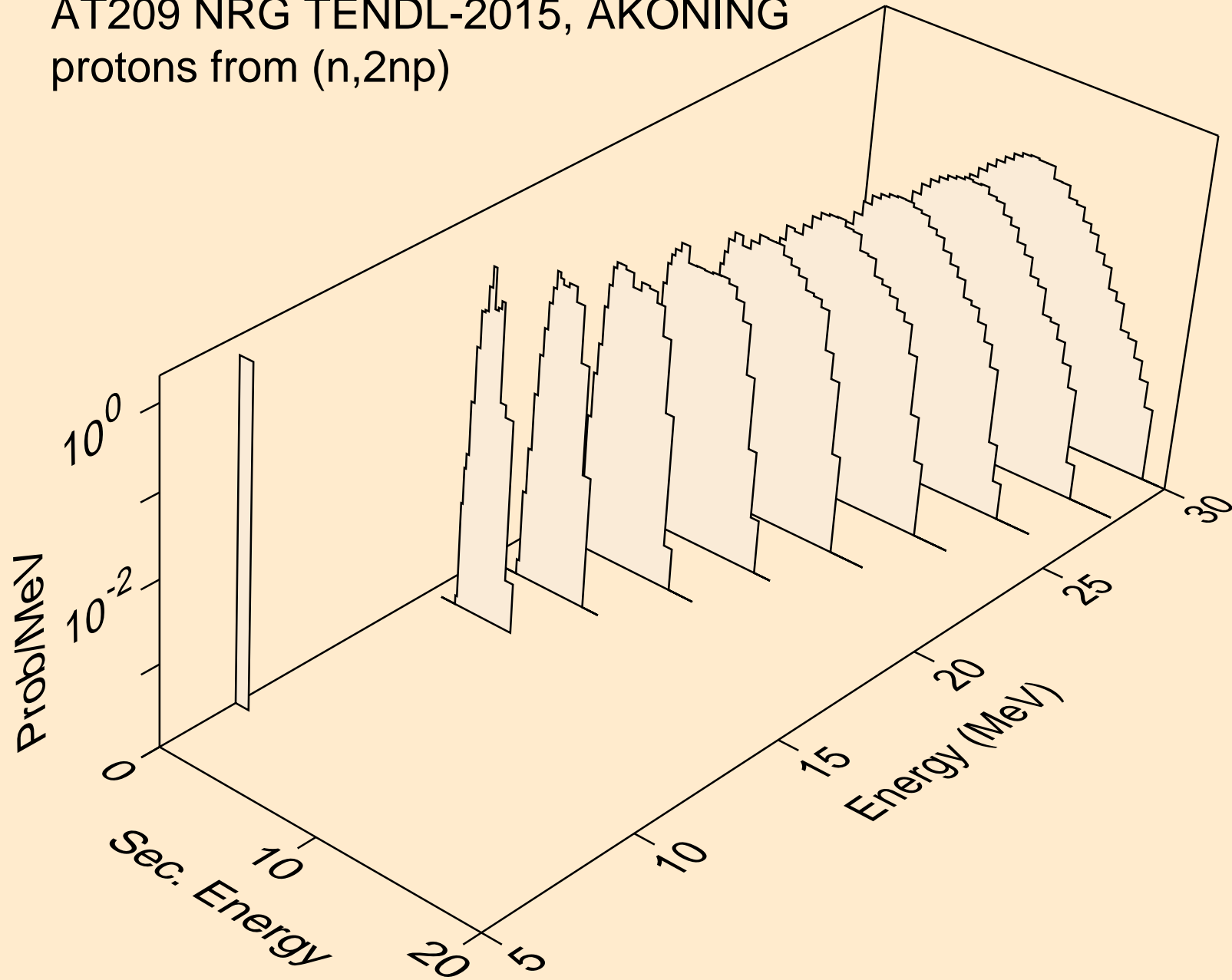




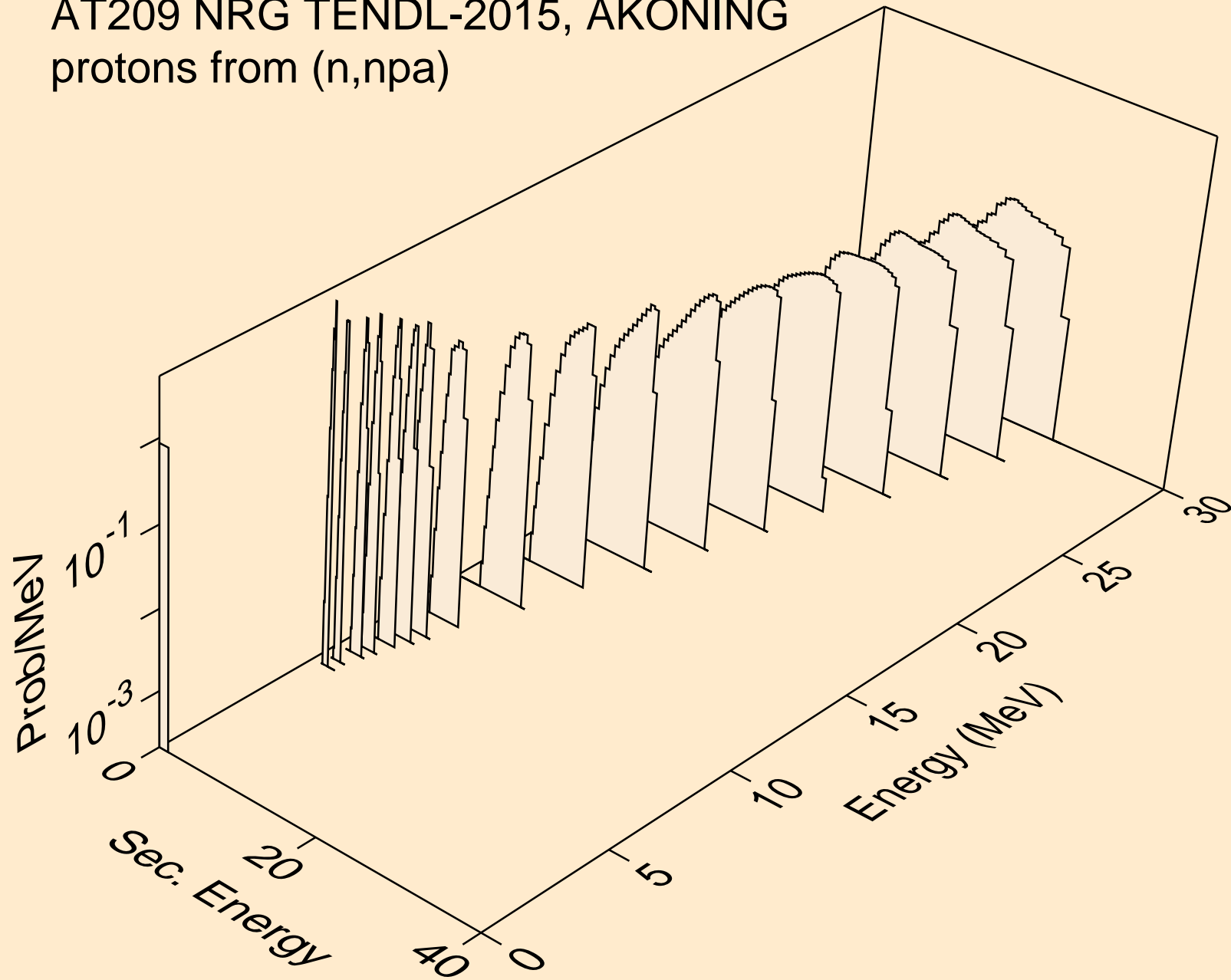
AT209 NRG TENDL-2015, AKONING  
protons from (n,3np)



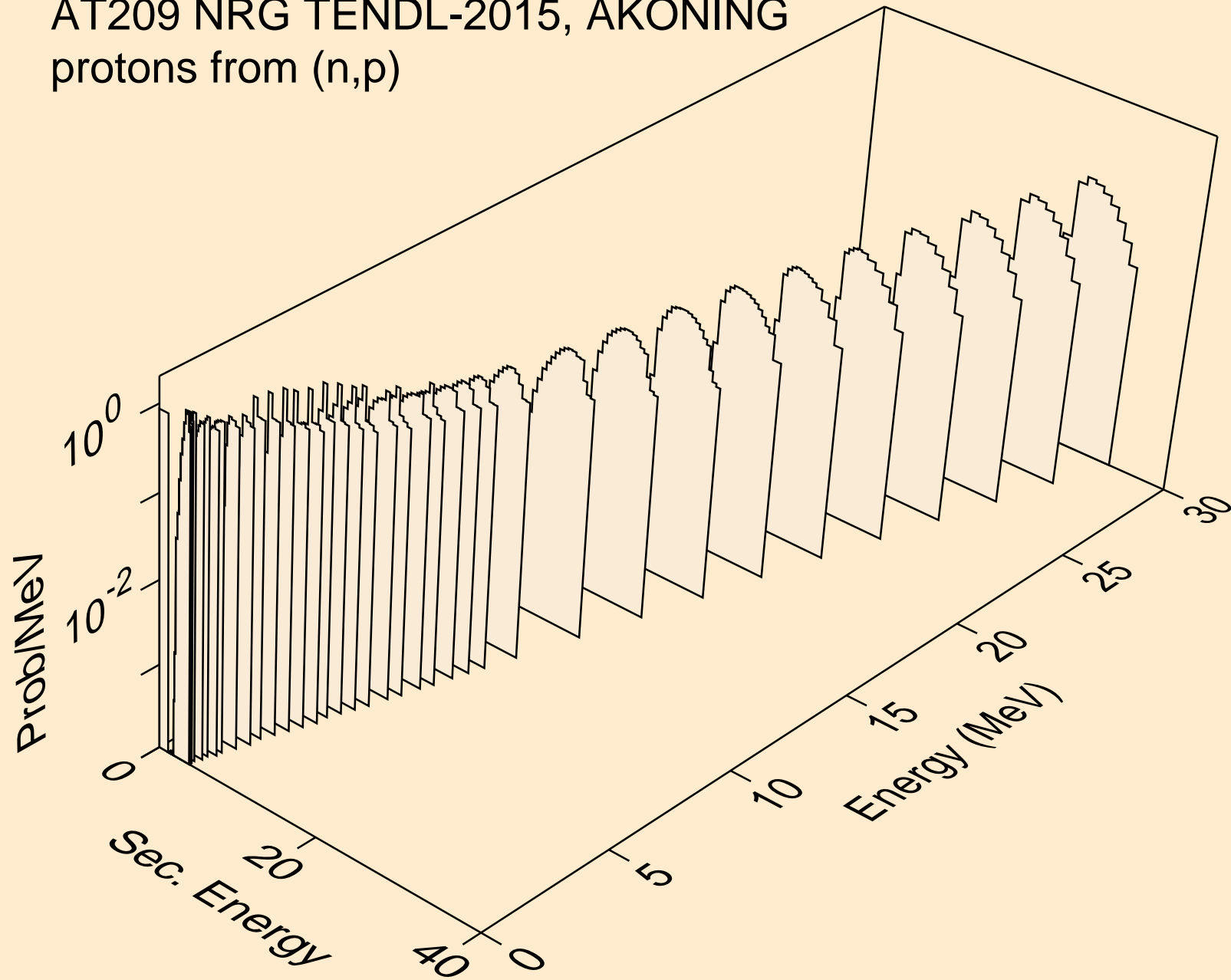
AT209 NRG TENDL-2015, AKONING  
protons from (n,2np)



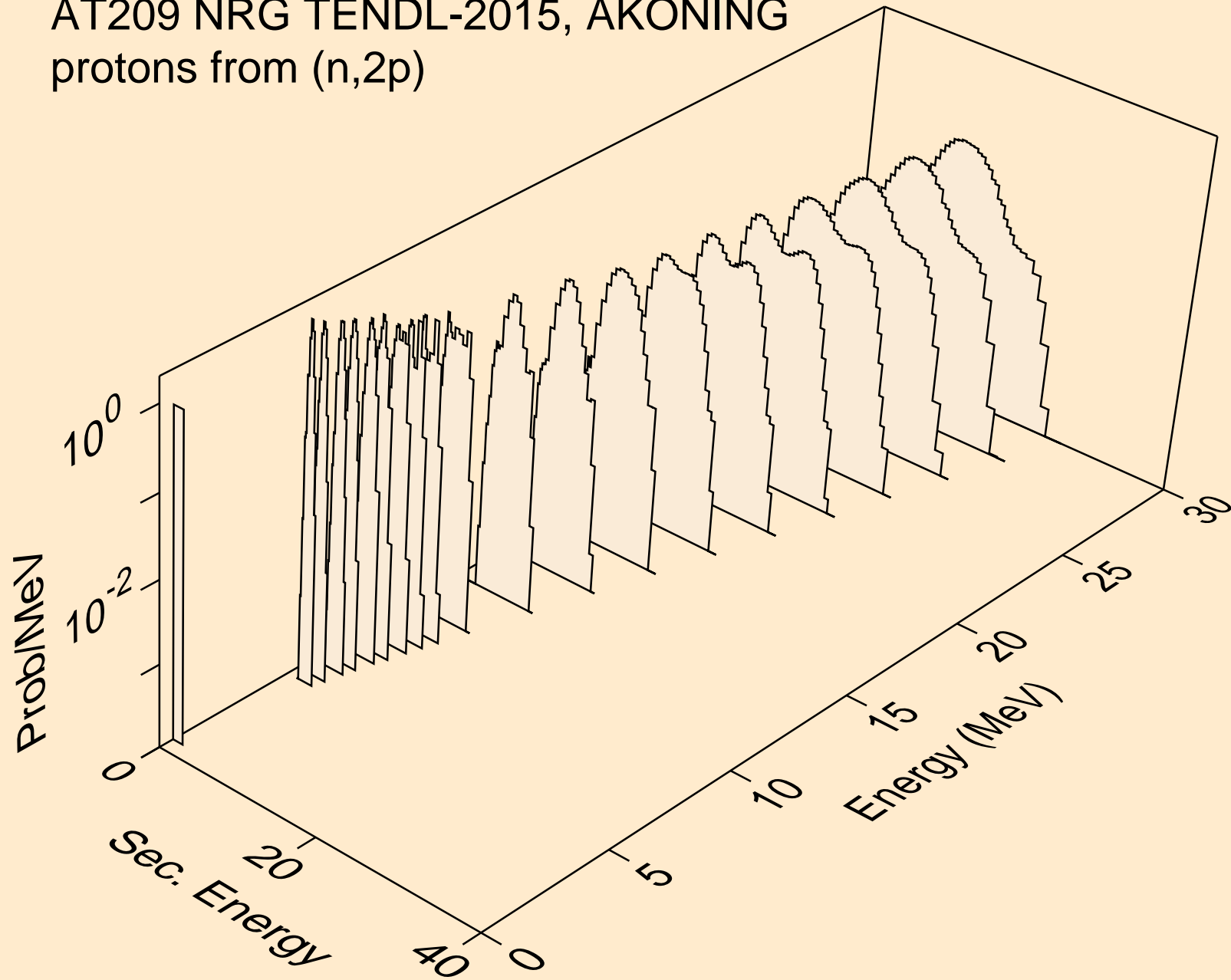
AT209 NRG TENDL-2015, AKONING  
protons from (n,npa)



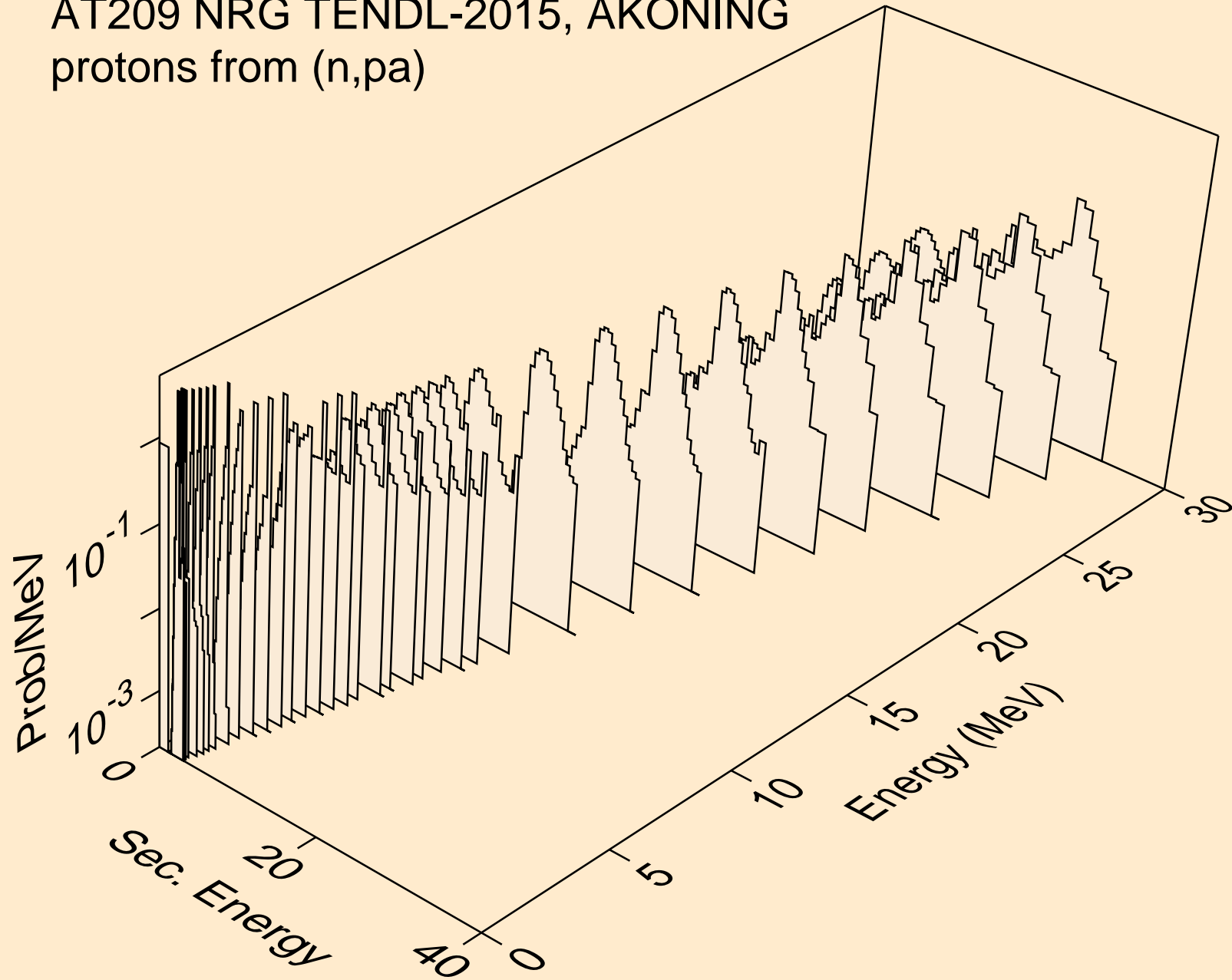
AT209 NRG TENDL-2015, AKONING  
protons from (n,p)



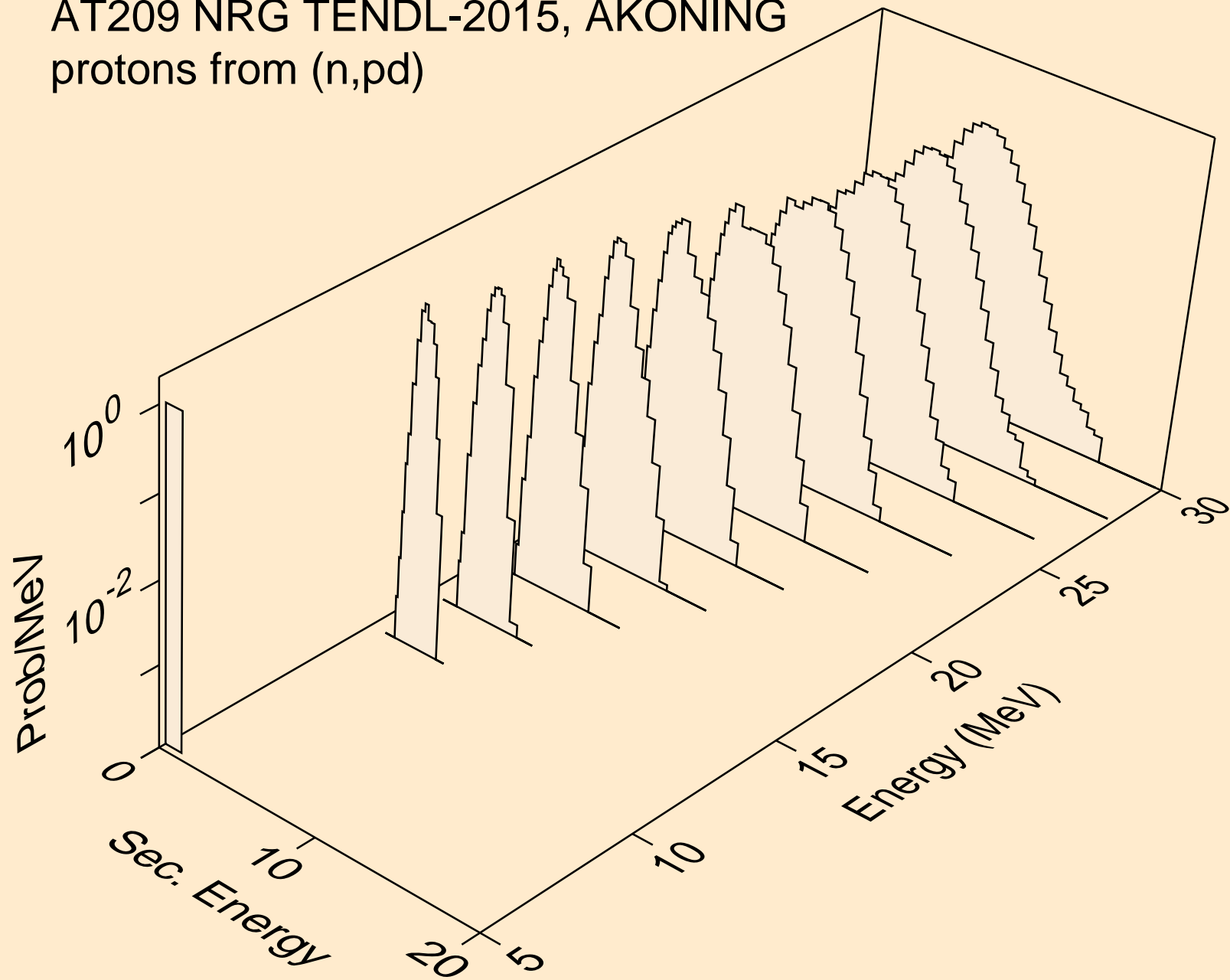
AT209 NRG TENDL-2015, AKONING  
protons from (n,2p)



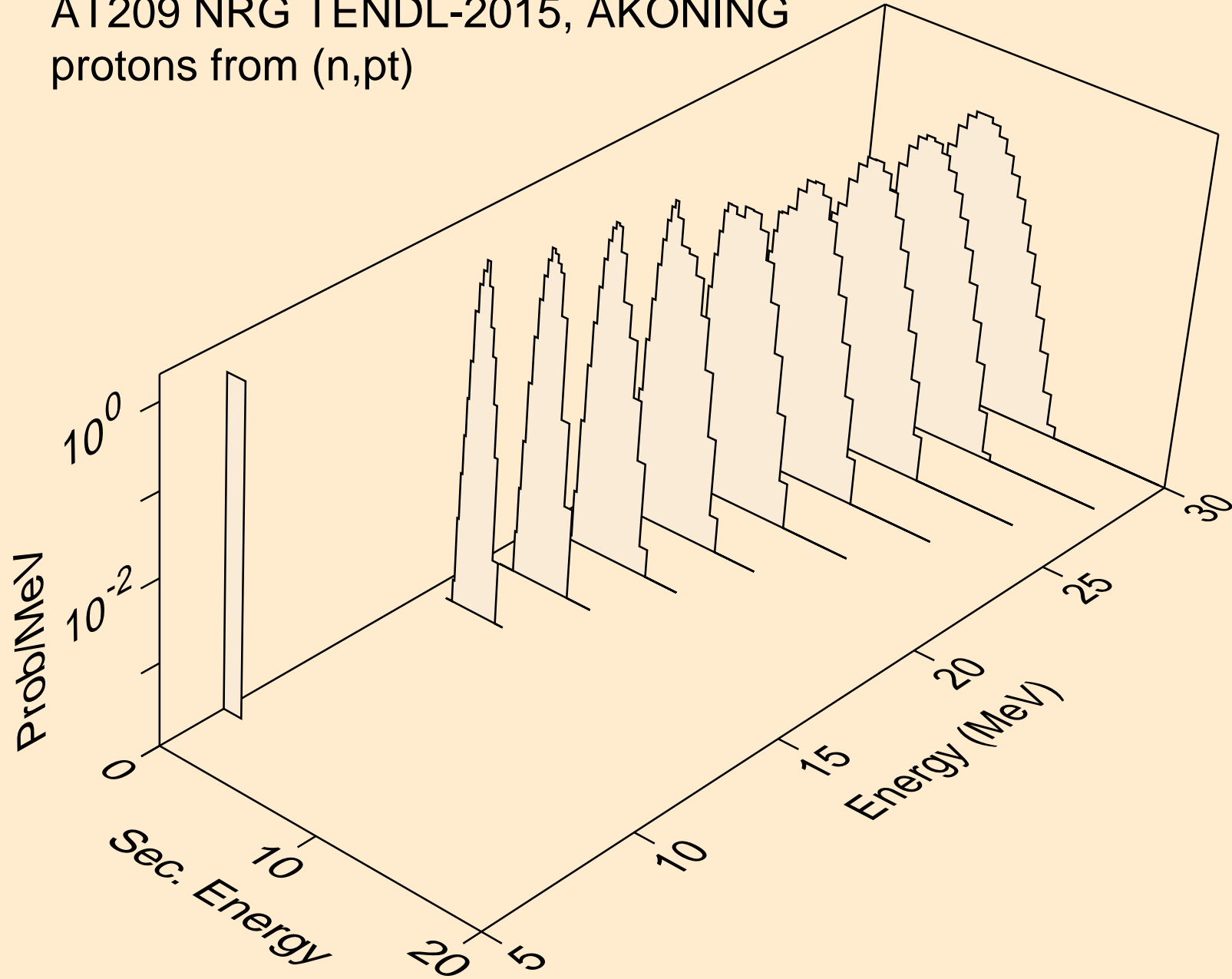
AT209 NRG TENDL-2015, AKONING  
protons from (n,pa)



AT209 NRG TENDL-2015, AKONING  
protons from (n,pd)

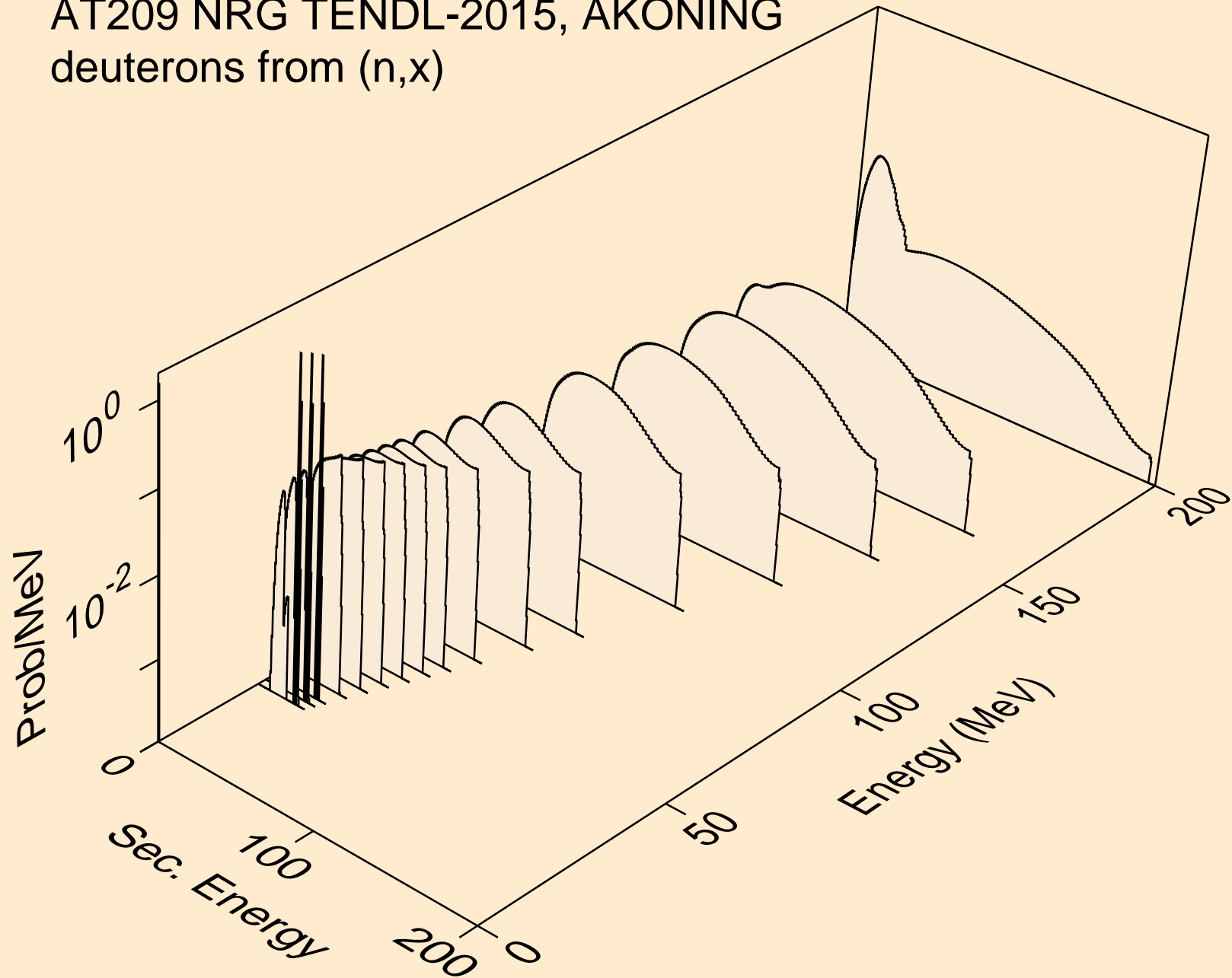


AT209 NRG TENDL-2015, AKONING  
protons from (n,pt)

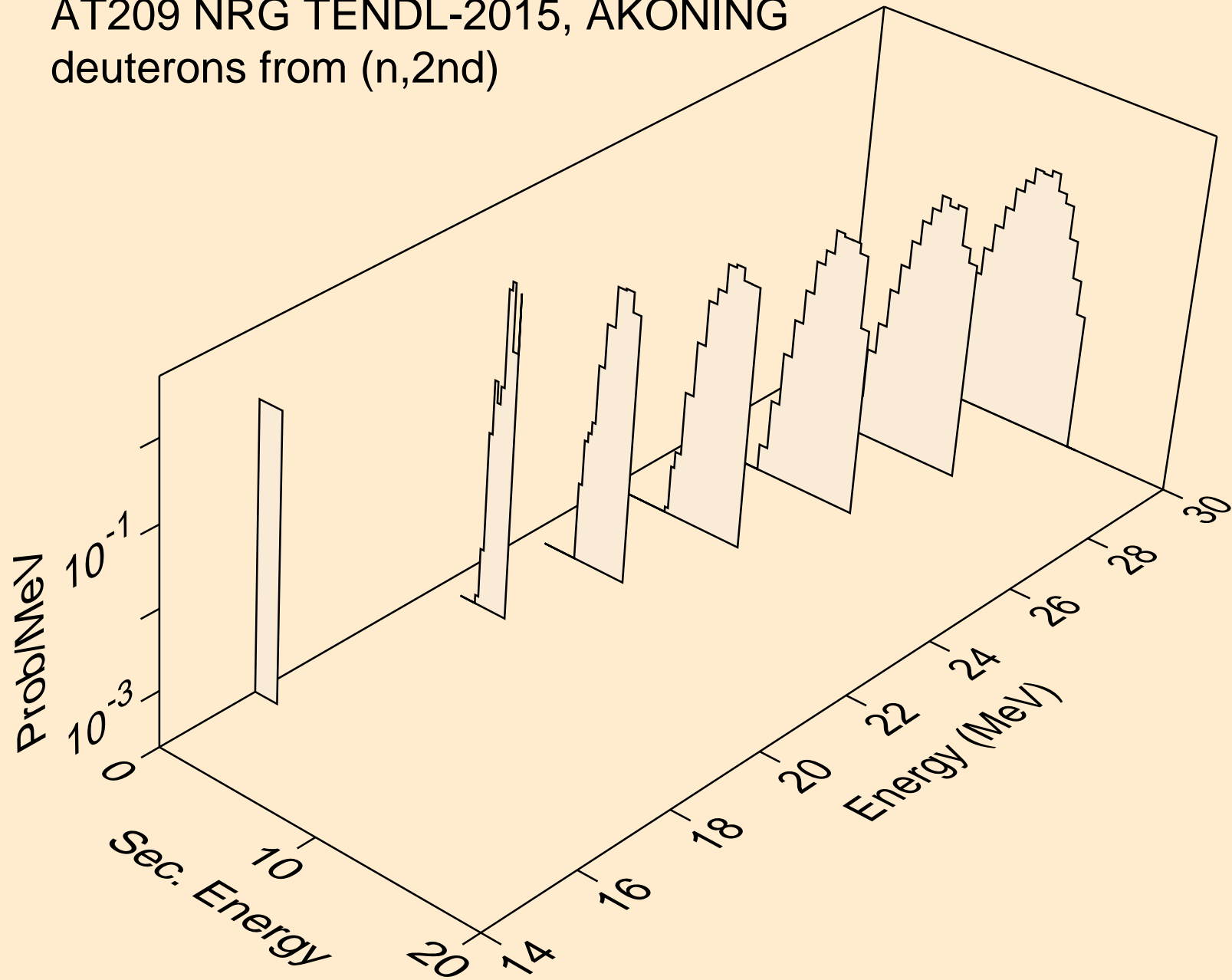




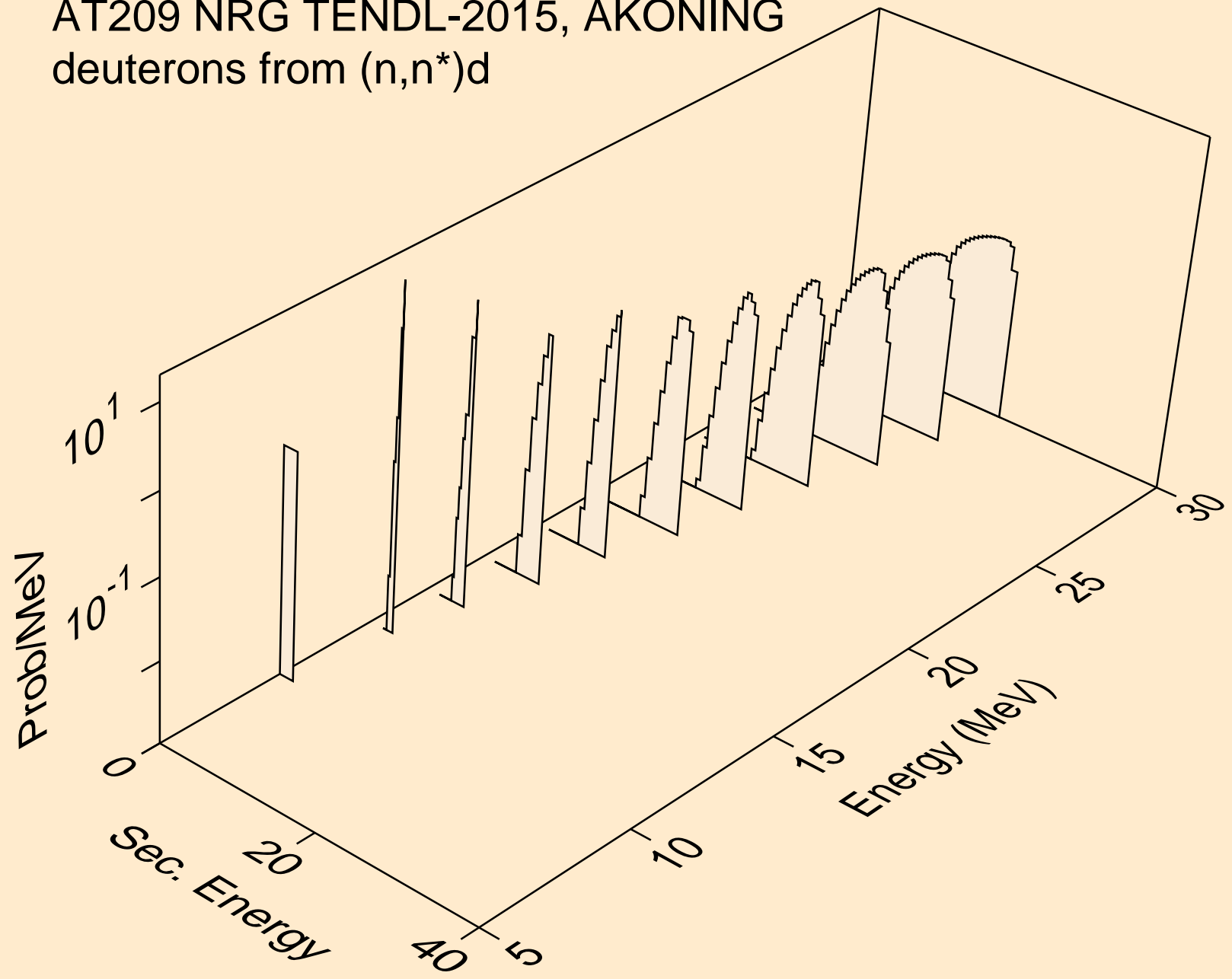
AT209 NRG TENDL-2015, AKONING  
deuterons from (n,x)



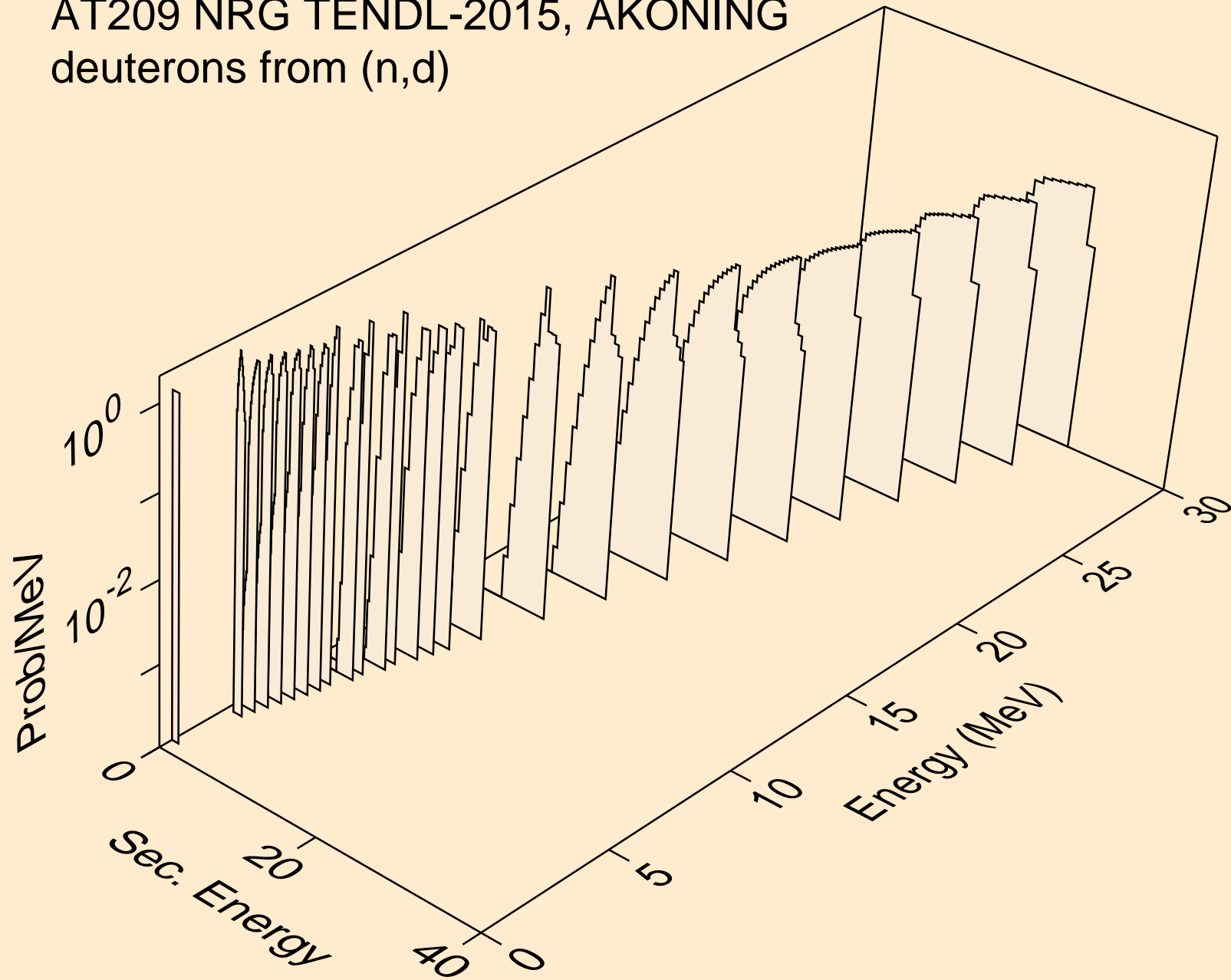
AT209 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



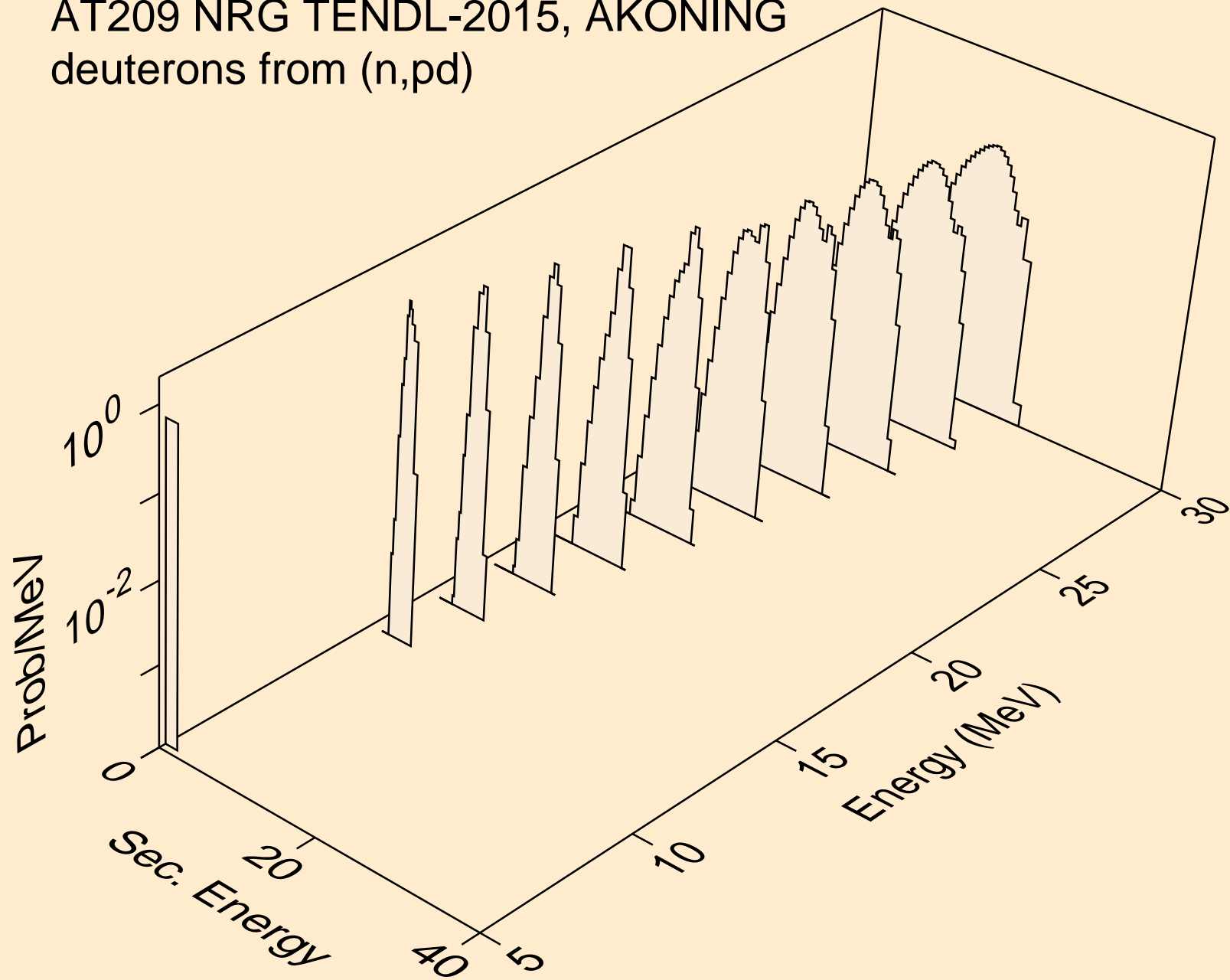
AT209 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



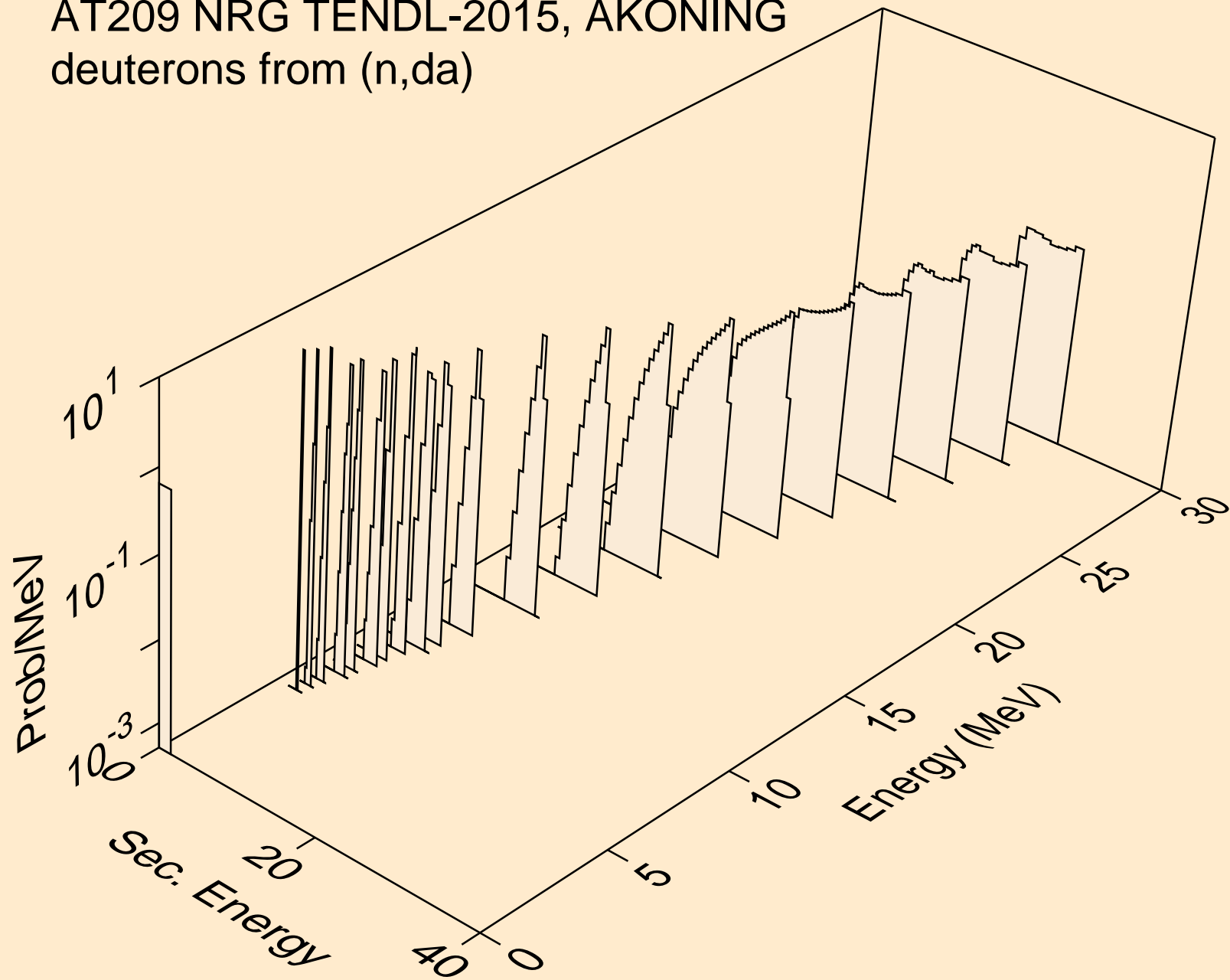
AT209 NRG TENDL-2015, AKONING  
deuterons from (n,d)



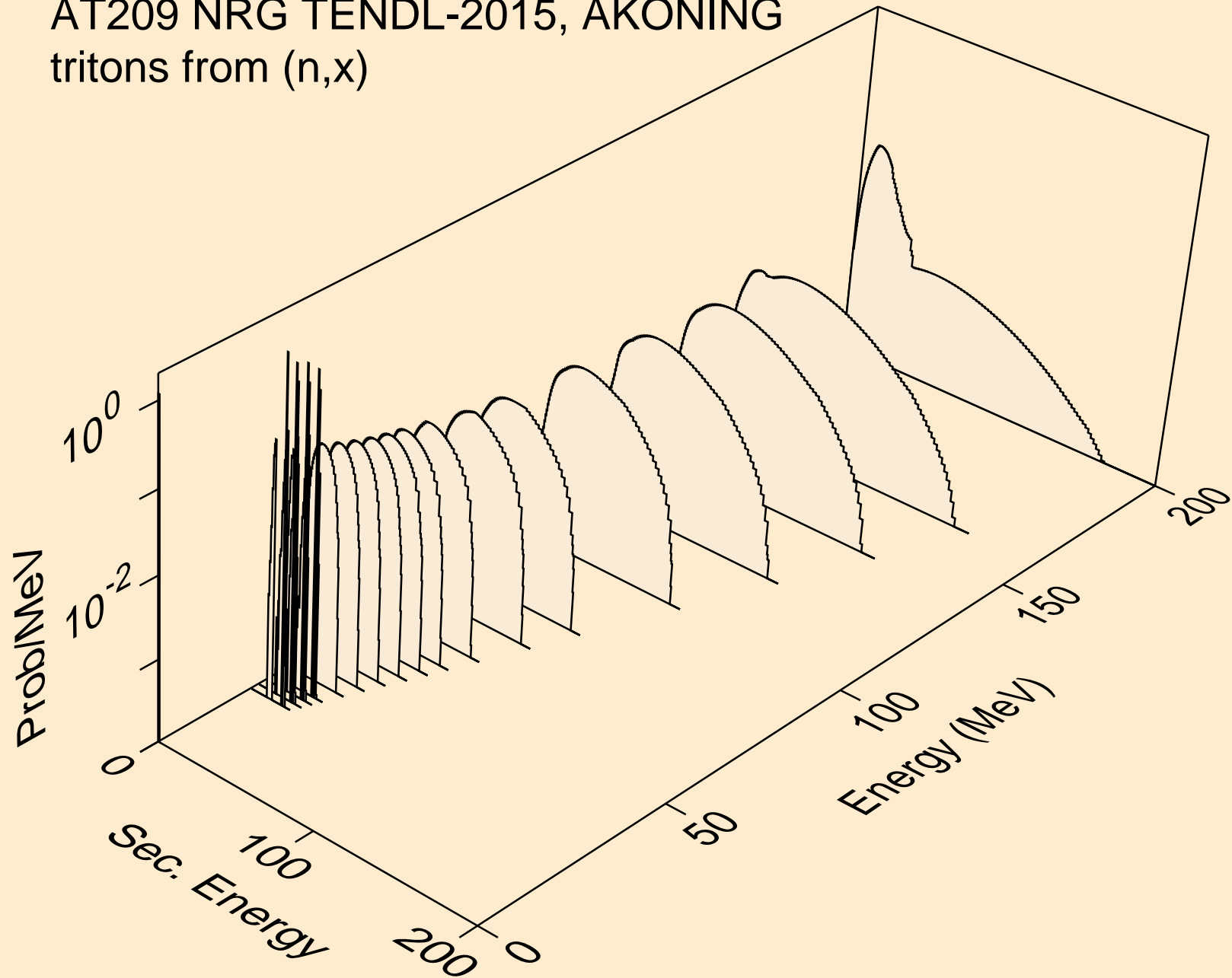
AT209 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



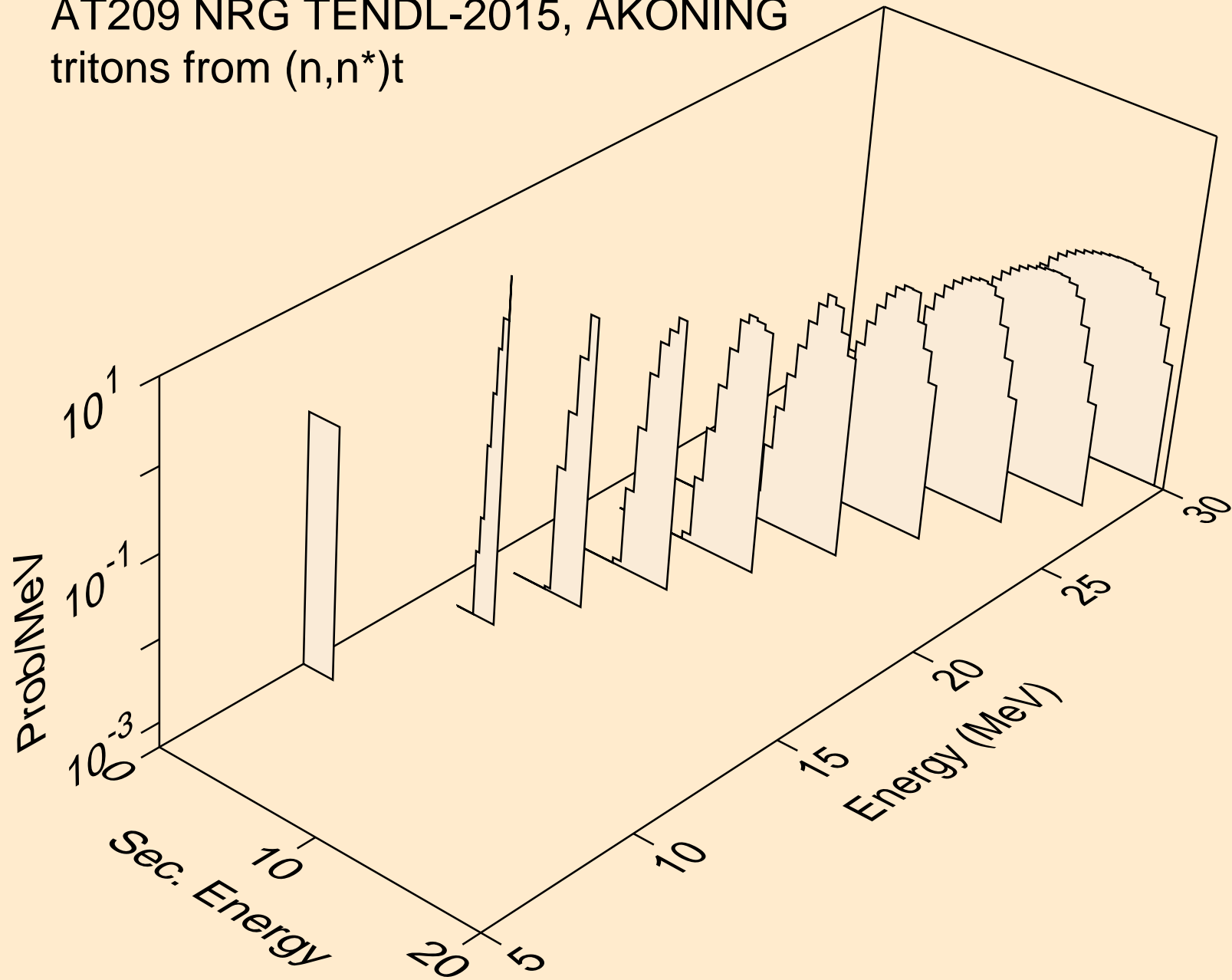
AT209 NRG TENDL-2015, AKONING  
deuterons from (n,da)



AT209 NRG TENDL-2015, AKONING  
tritons from (n,x)

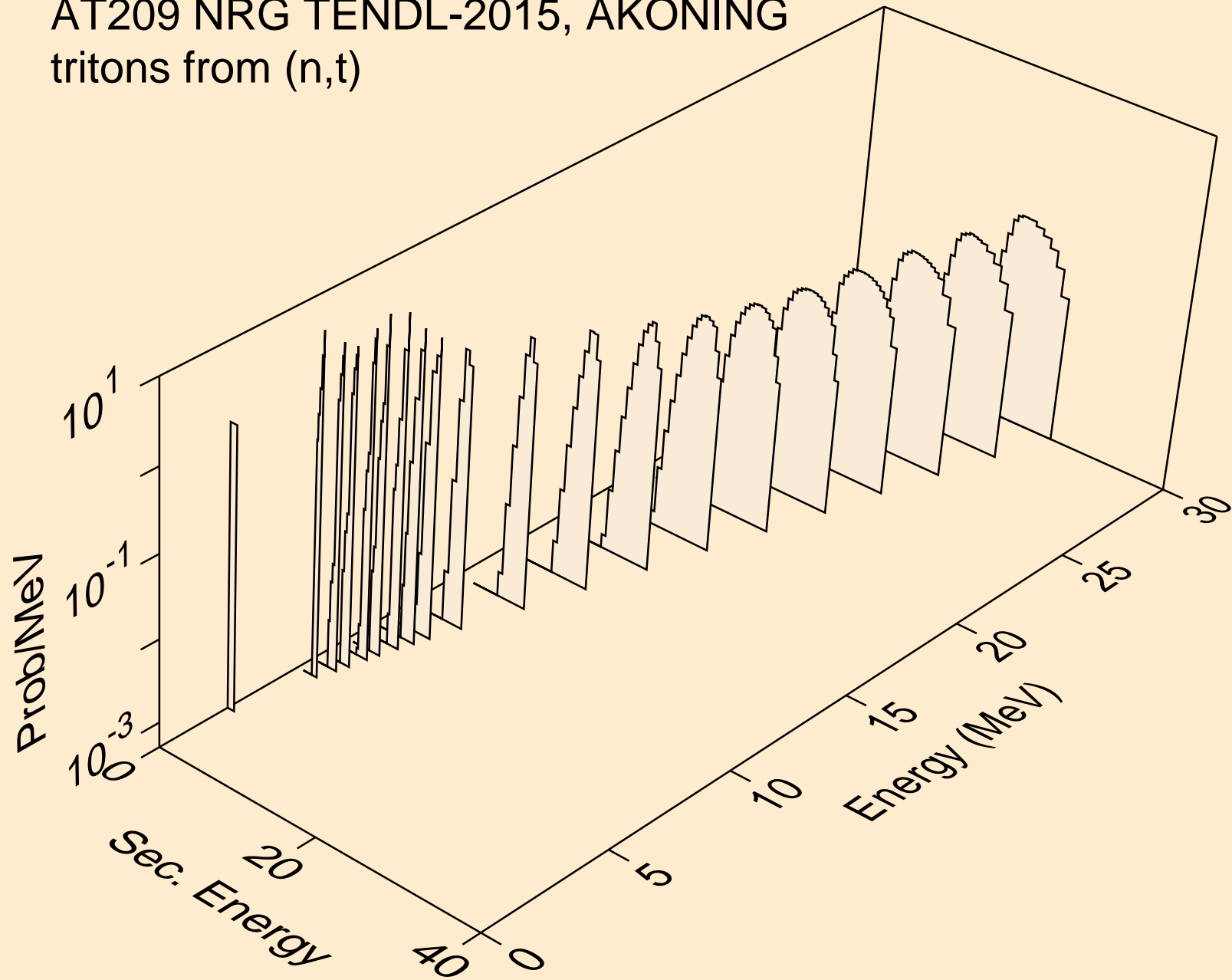


AT209 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

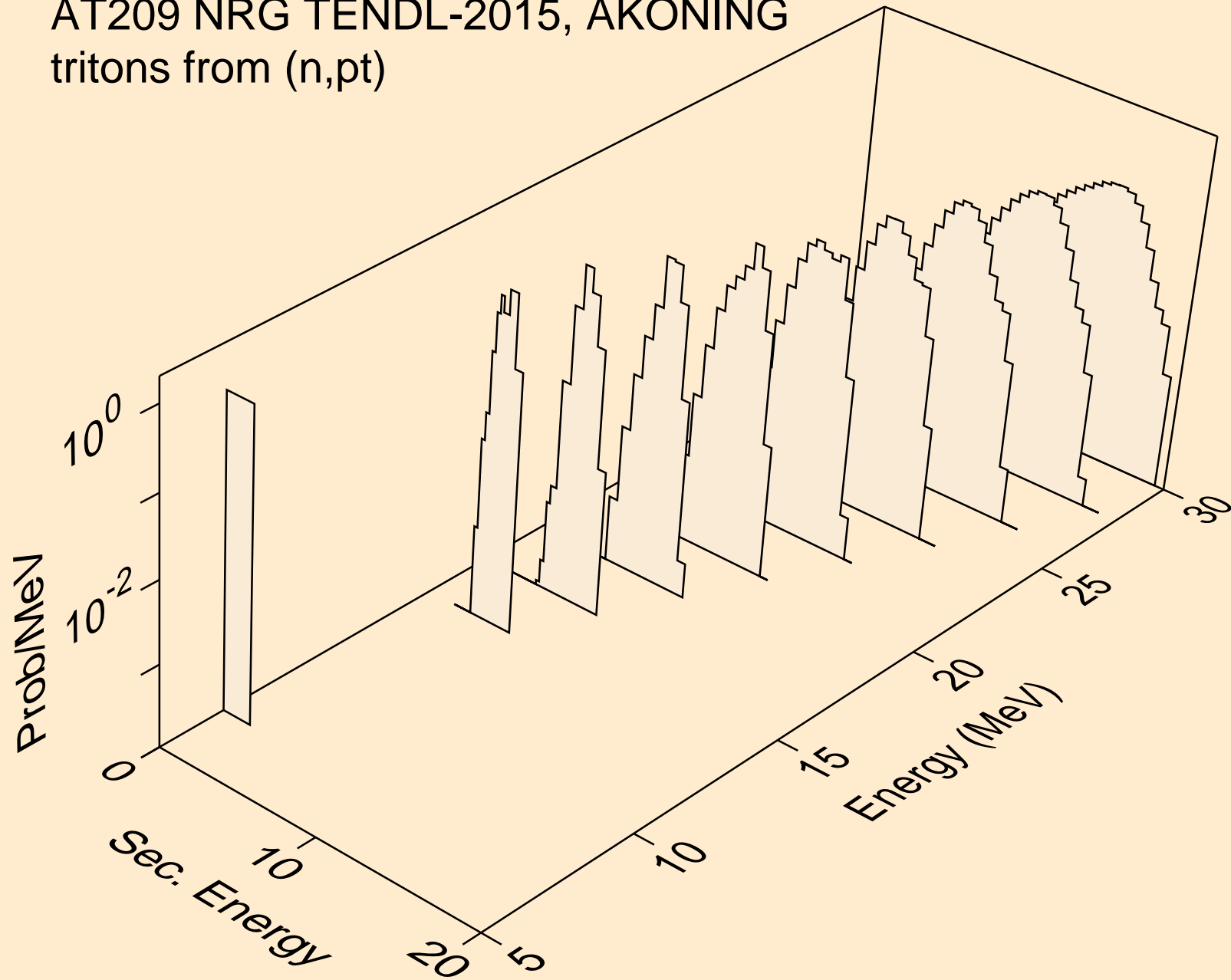




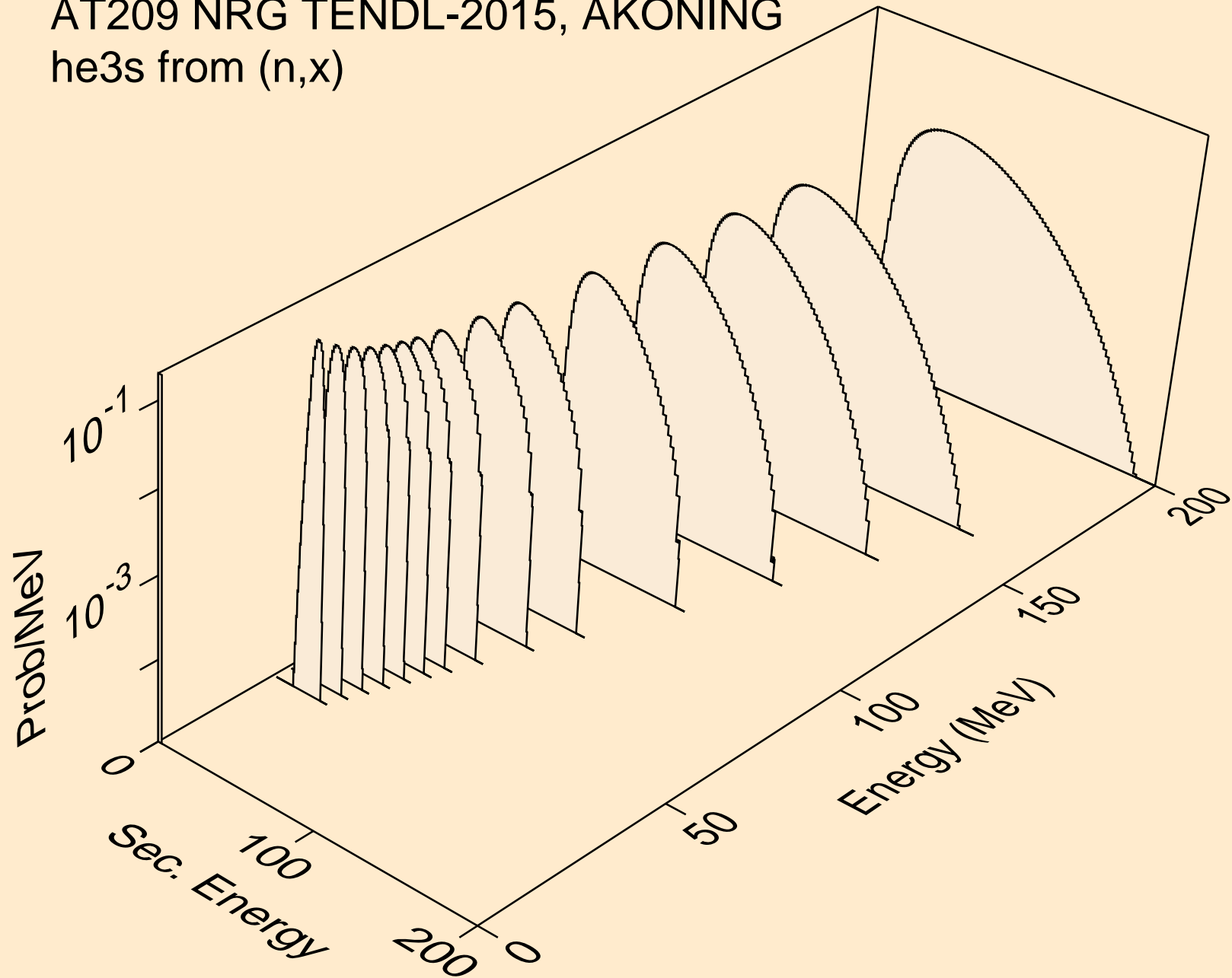
AT209 NRG TENDL-2015, AKONING  
tritons from (n,t)



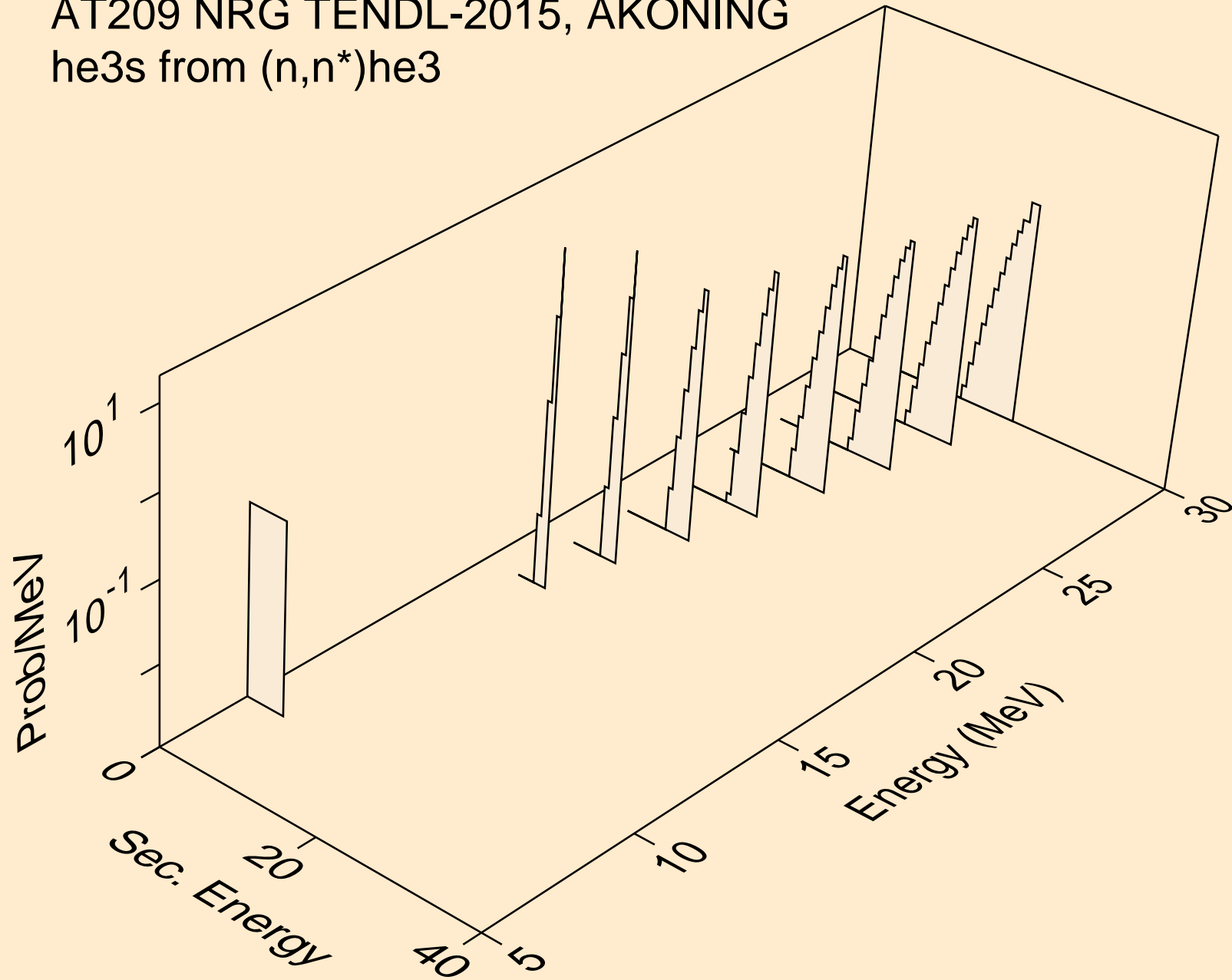
AT209 NRG TENDL-2015, AKONING  
tritons from (n,pt)



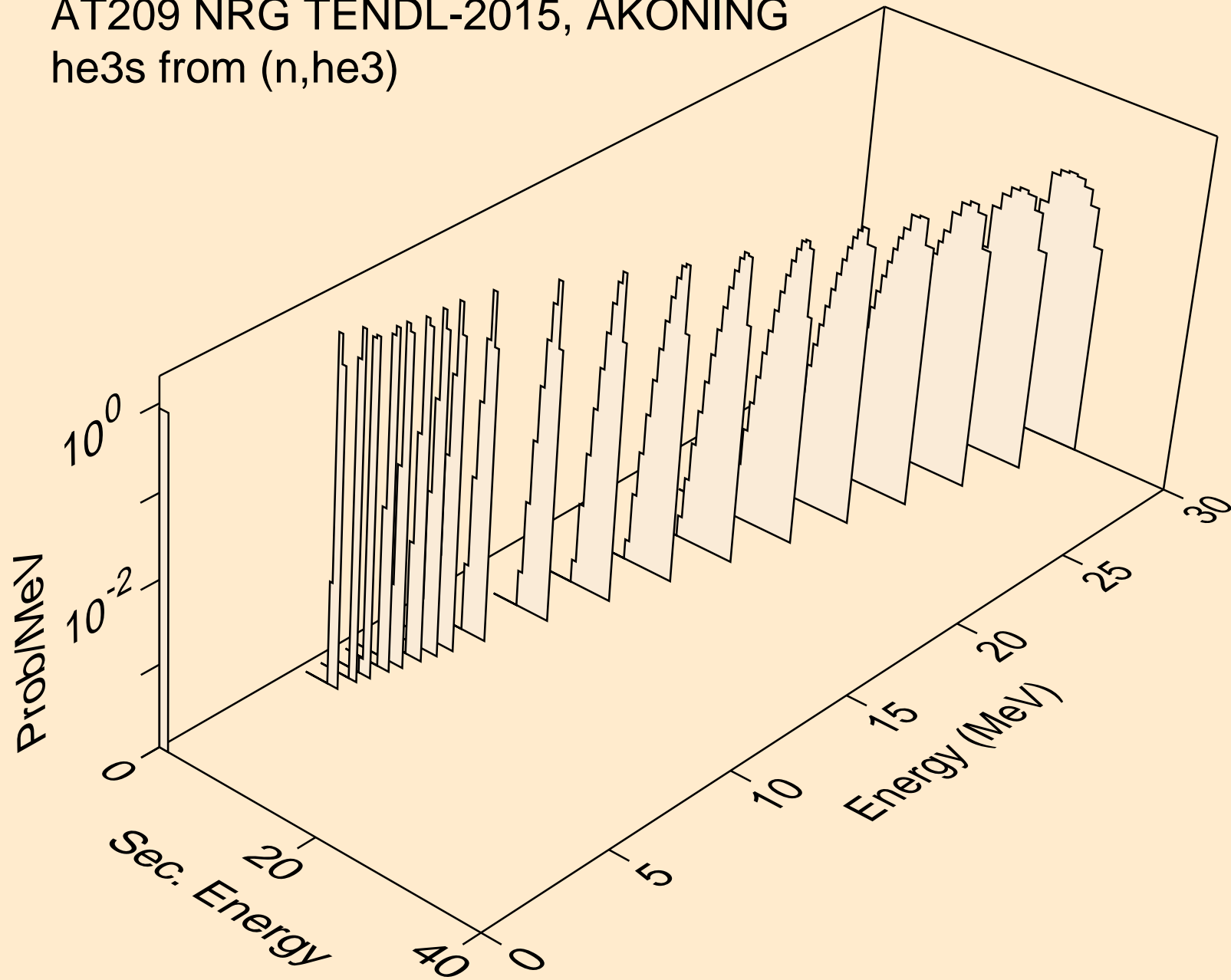
AT209 NRG TENDL-2015, AKONING  
he3s from (n,x)



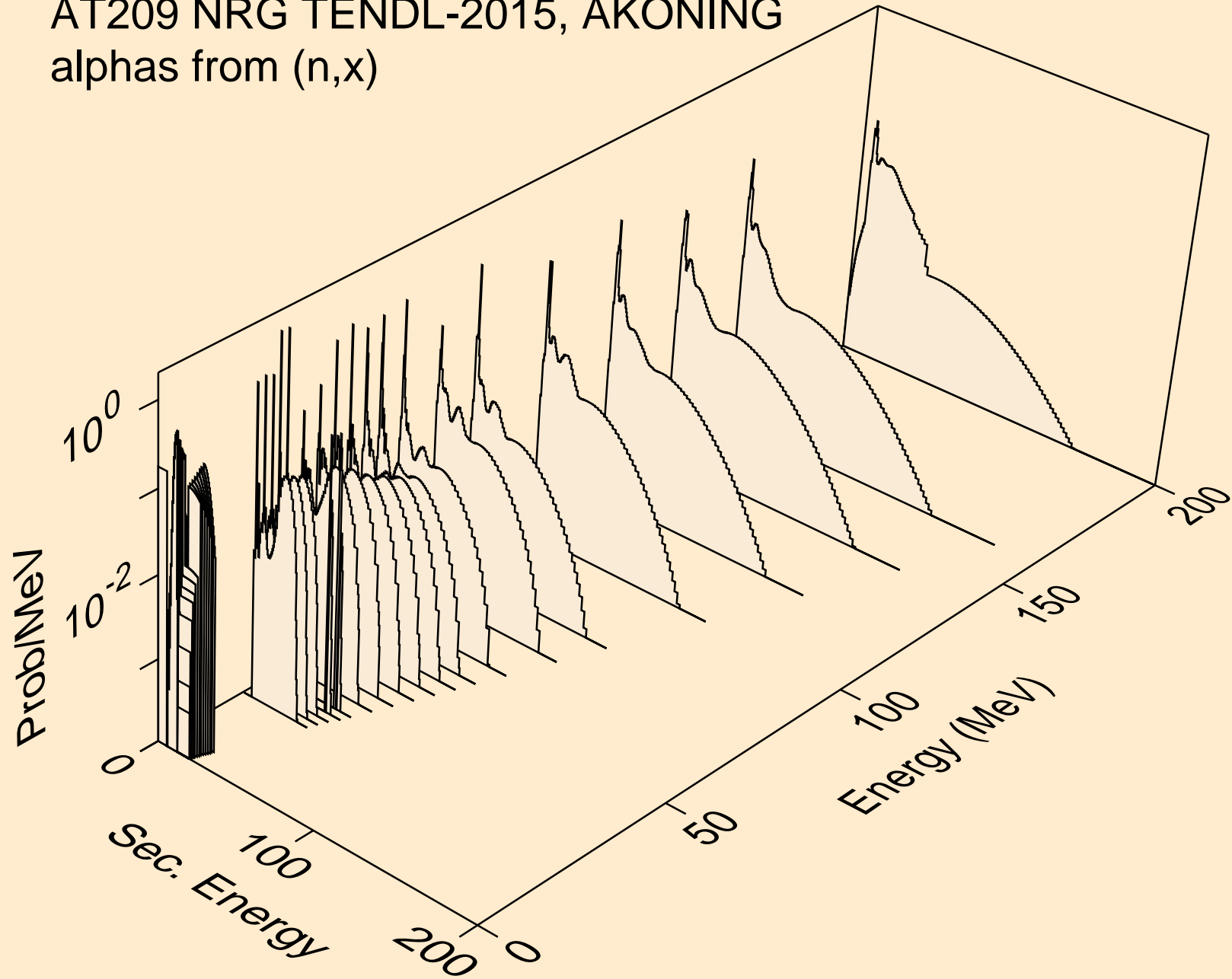
AT209 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



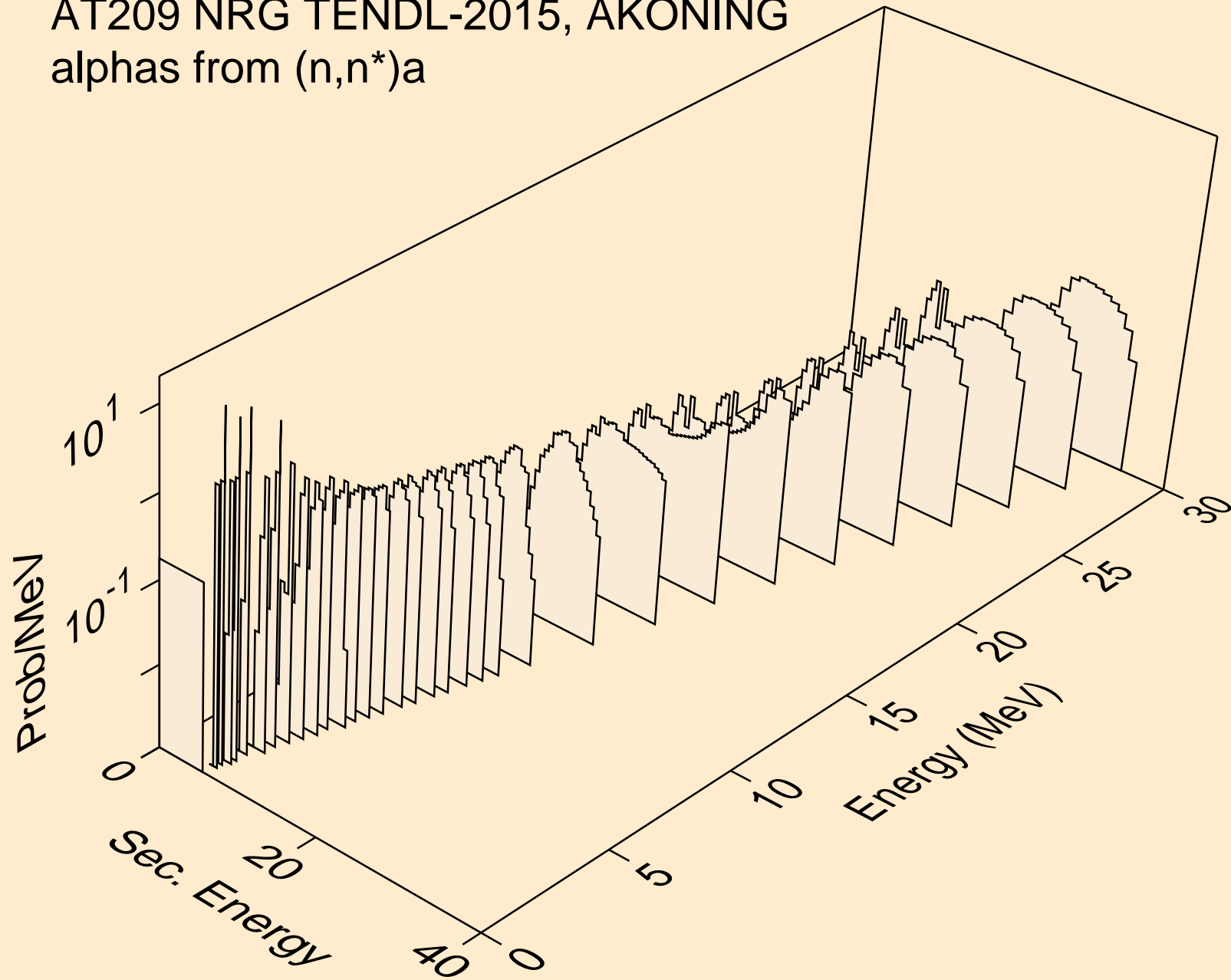
AT209 NRG TENDL-2015, AKONING  
he3s from (n,he3)



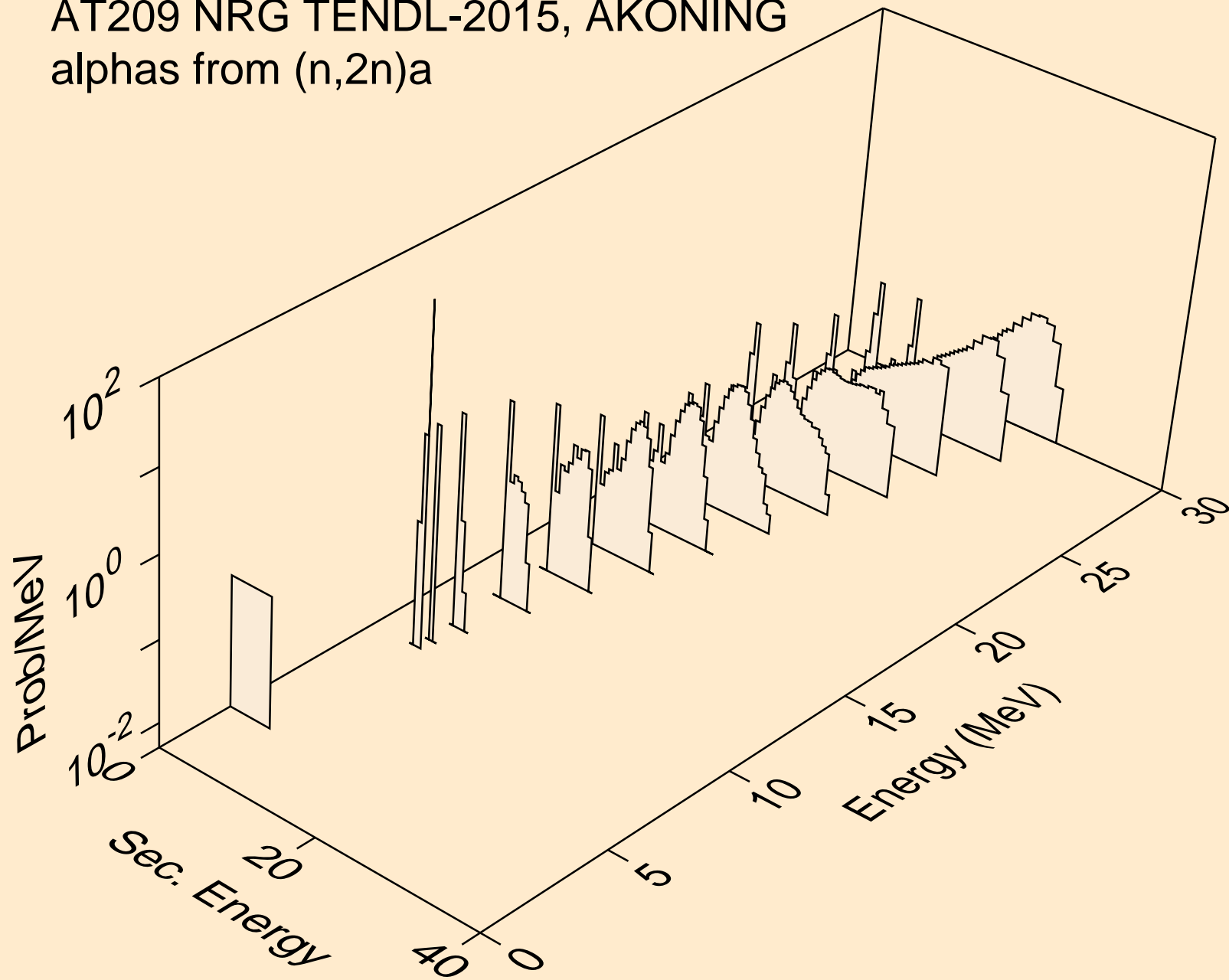
AT209 NRG TENDL-2015, AKONING  
alphas from (n,x)



AT209 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

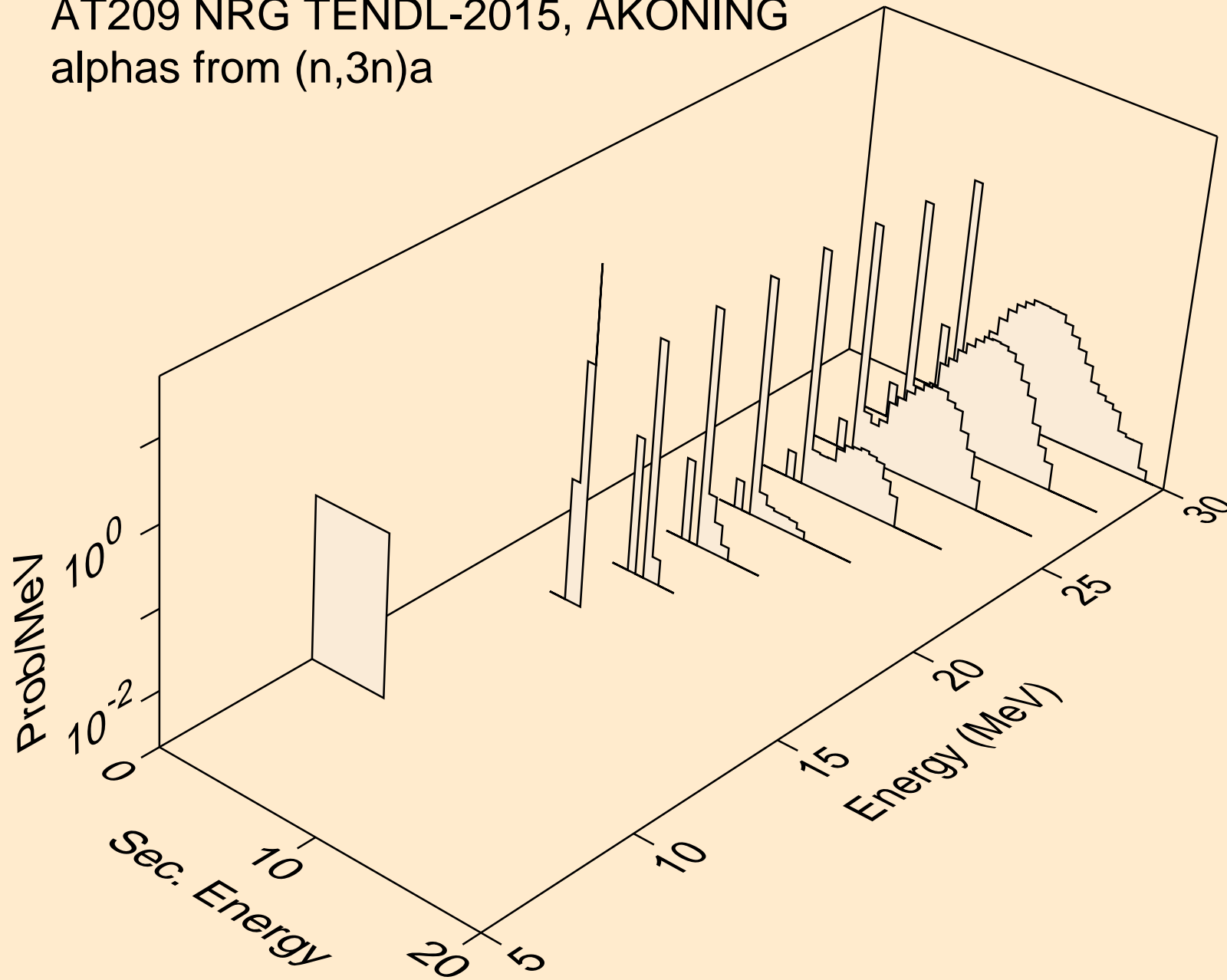


AT209 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

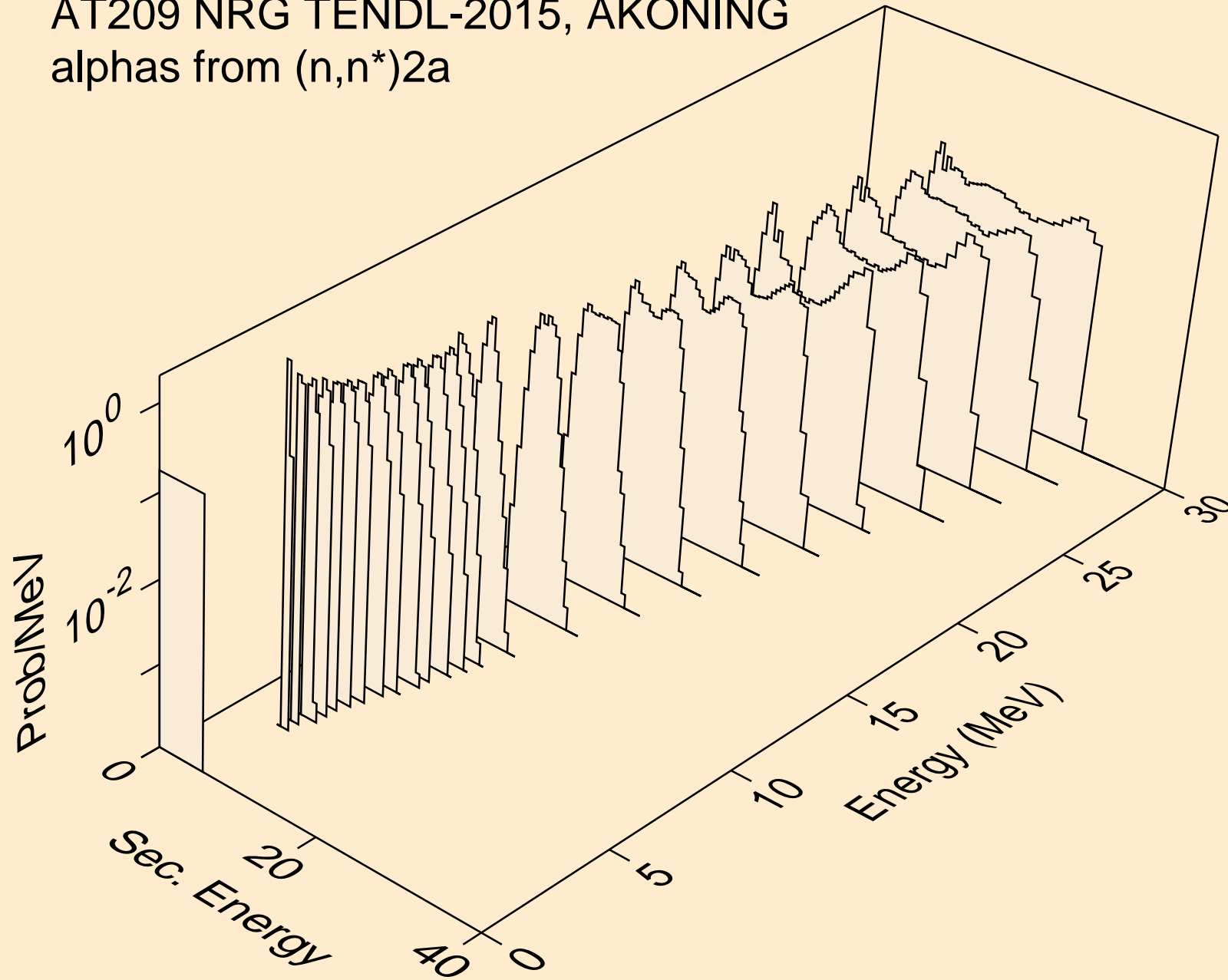




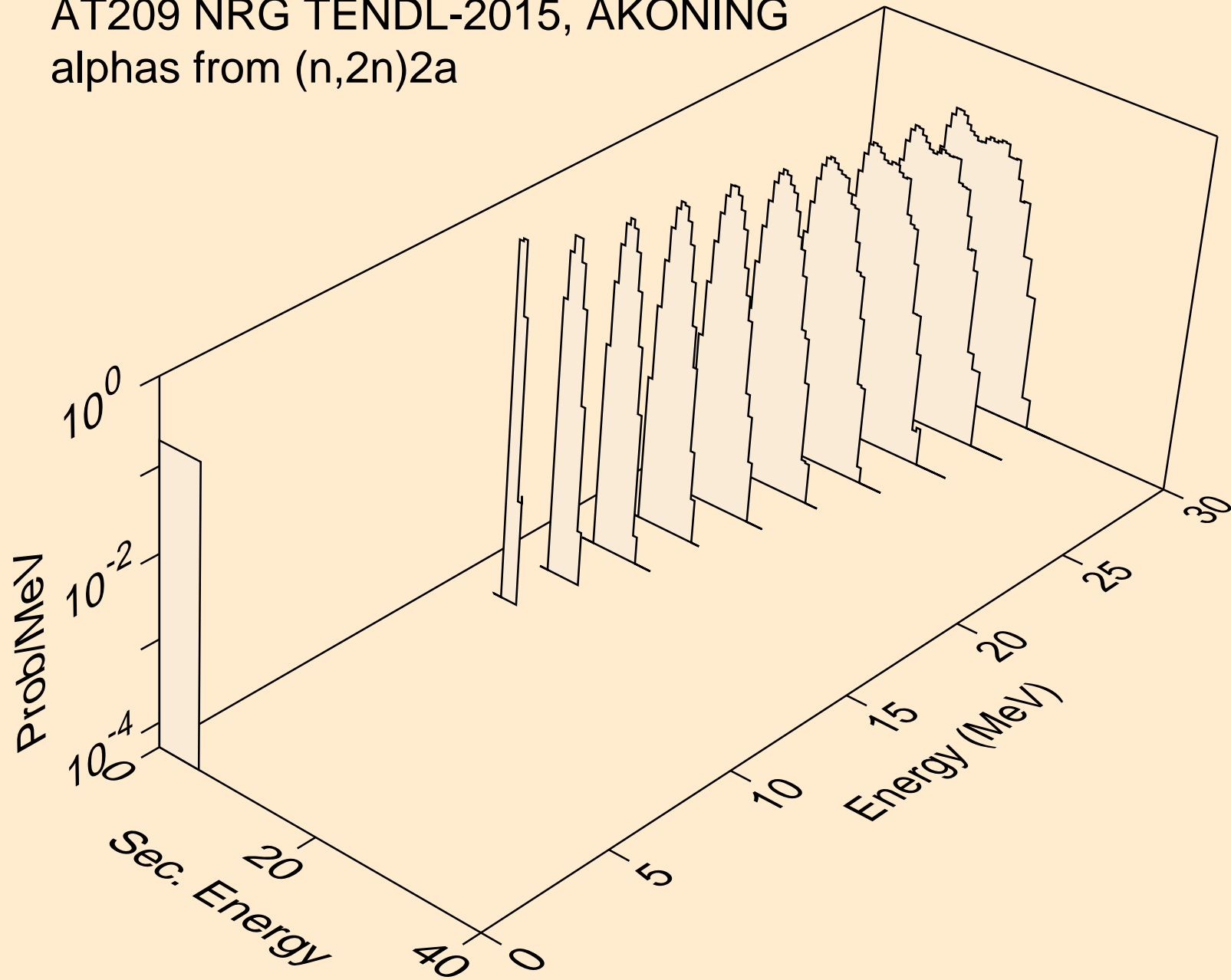
AT209 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



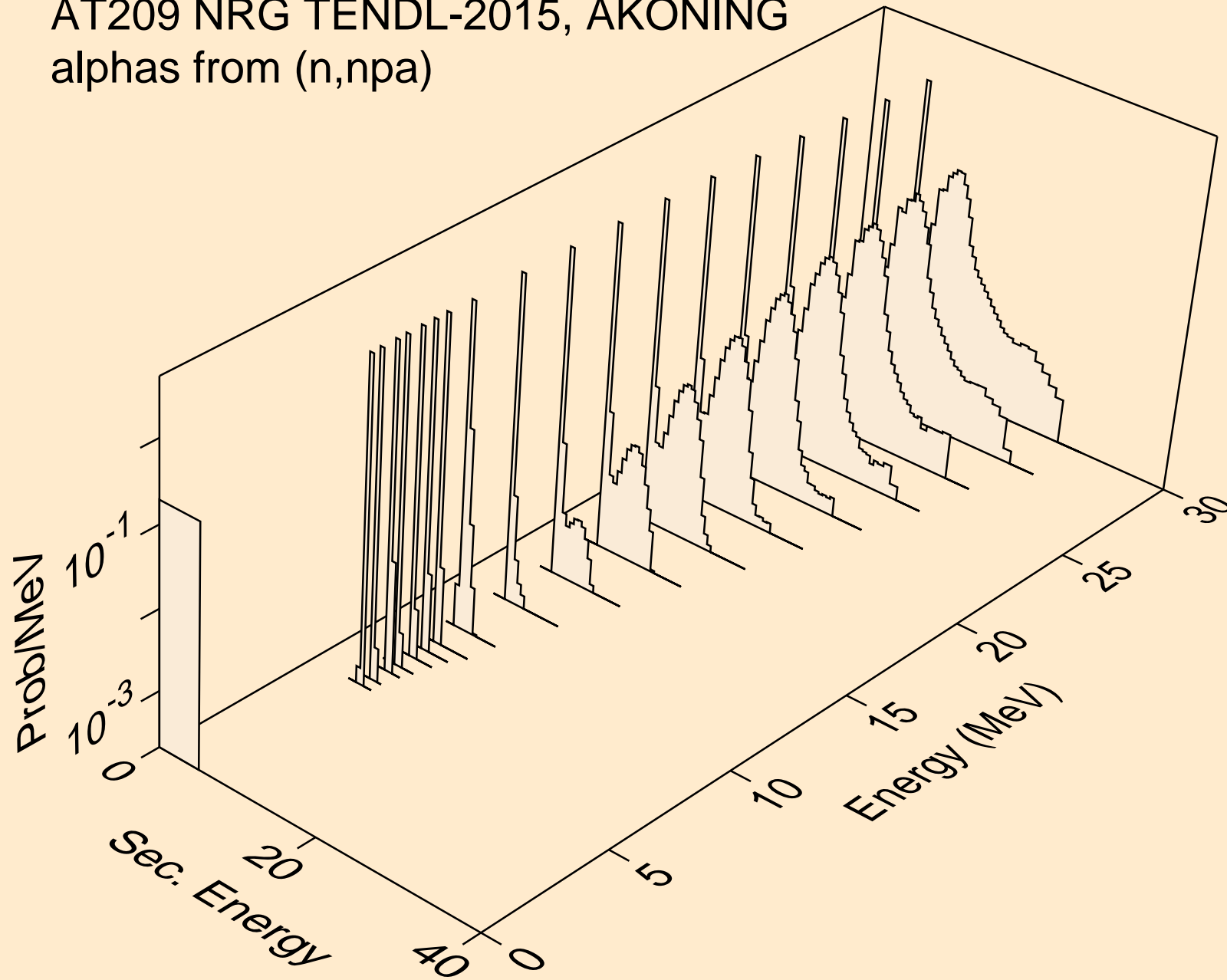
AT209 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



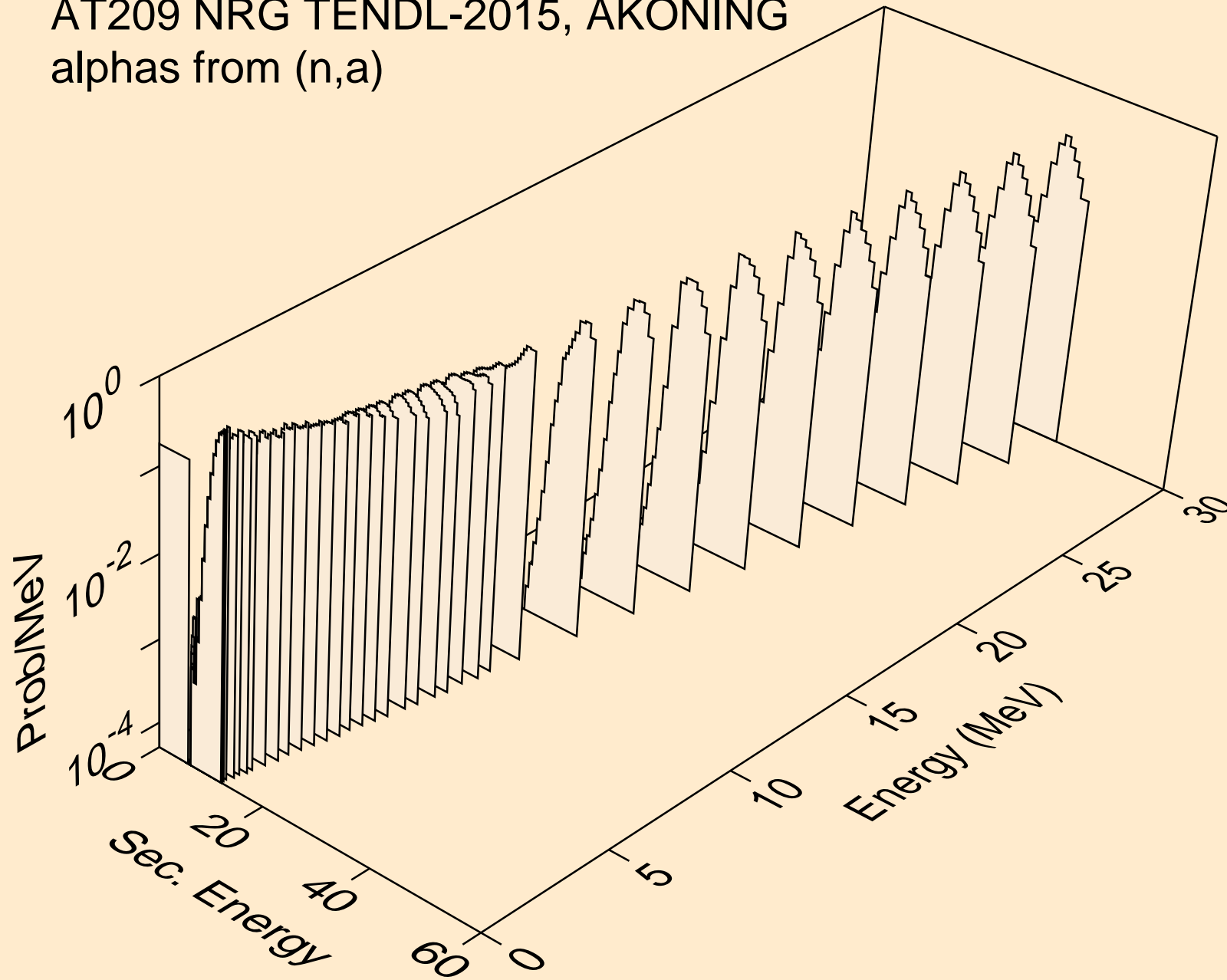
AT209 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



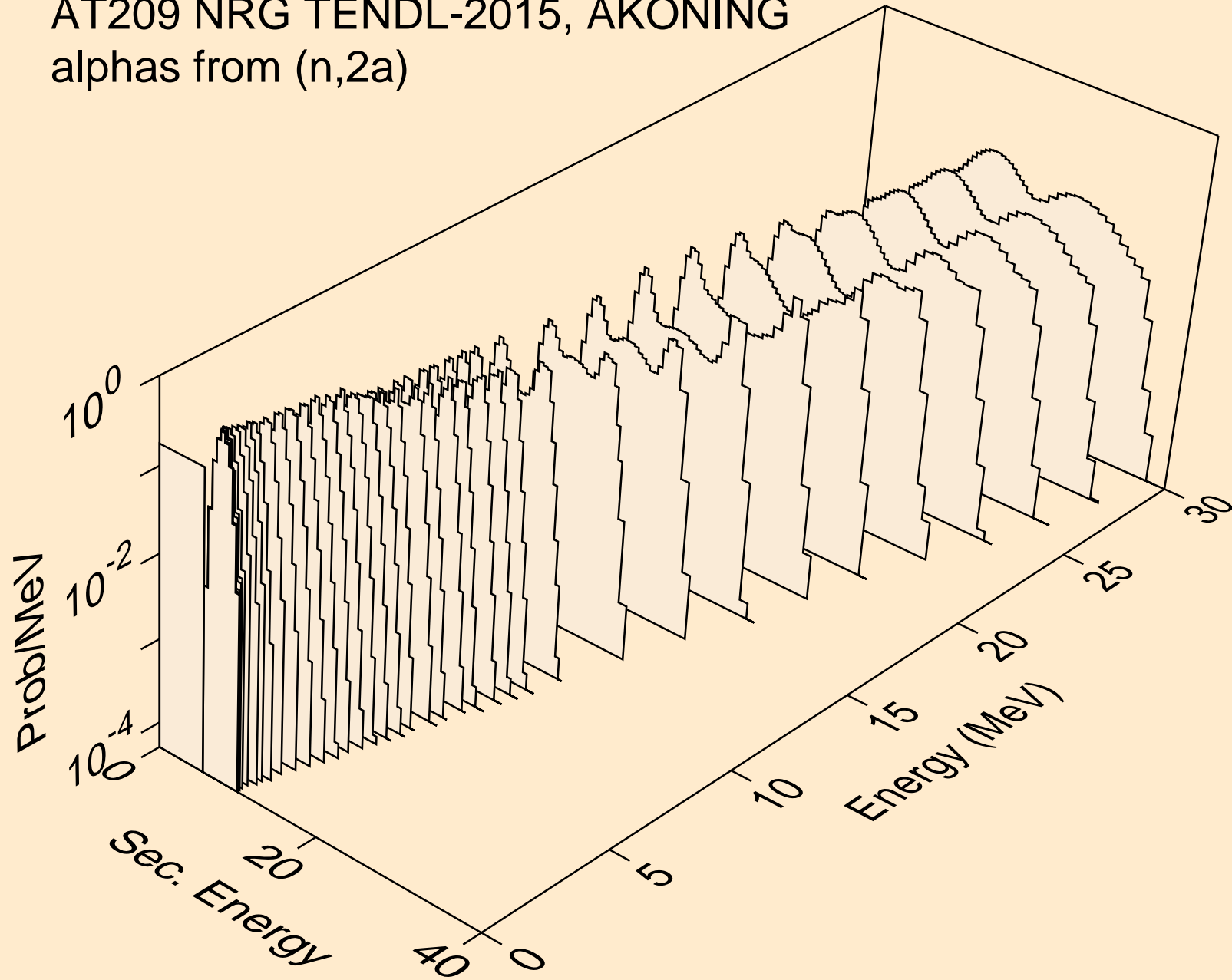
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alphas from (n,npa)



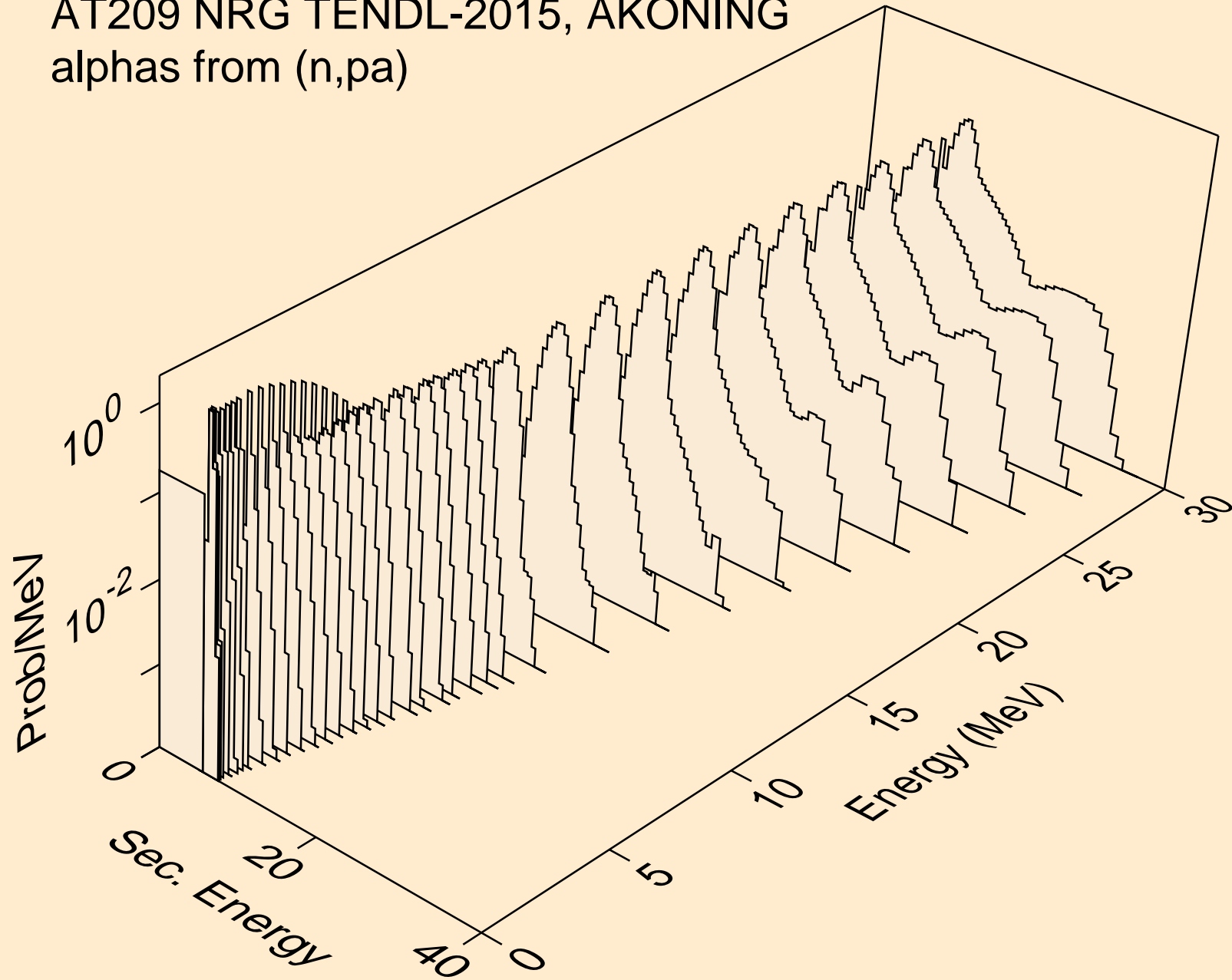
AT209 NRG TENDL-2015, AKONING  
alphas from (n,a)



AT209 NRG TENDL-2015, AKONING  
alphas from (n,2a)



AT209 NRG TENDL-2015, AKONING  
alphas from (n,pa)



AT209 NRG TENDL-2015, AKONING  
alphas from (n,da)

