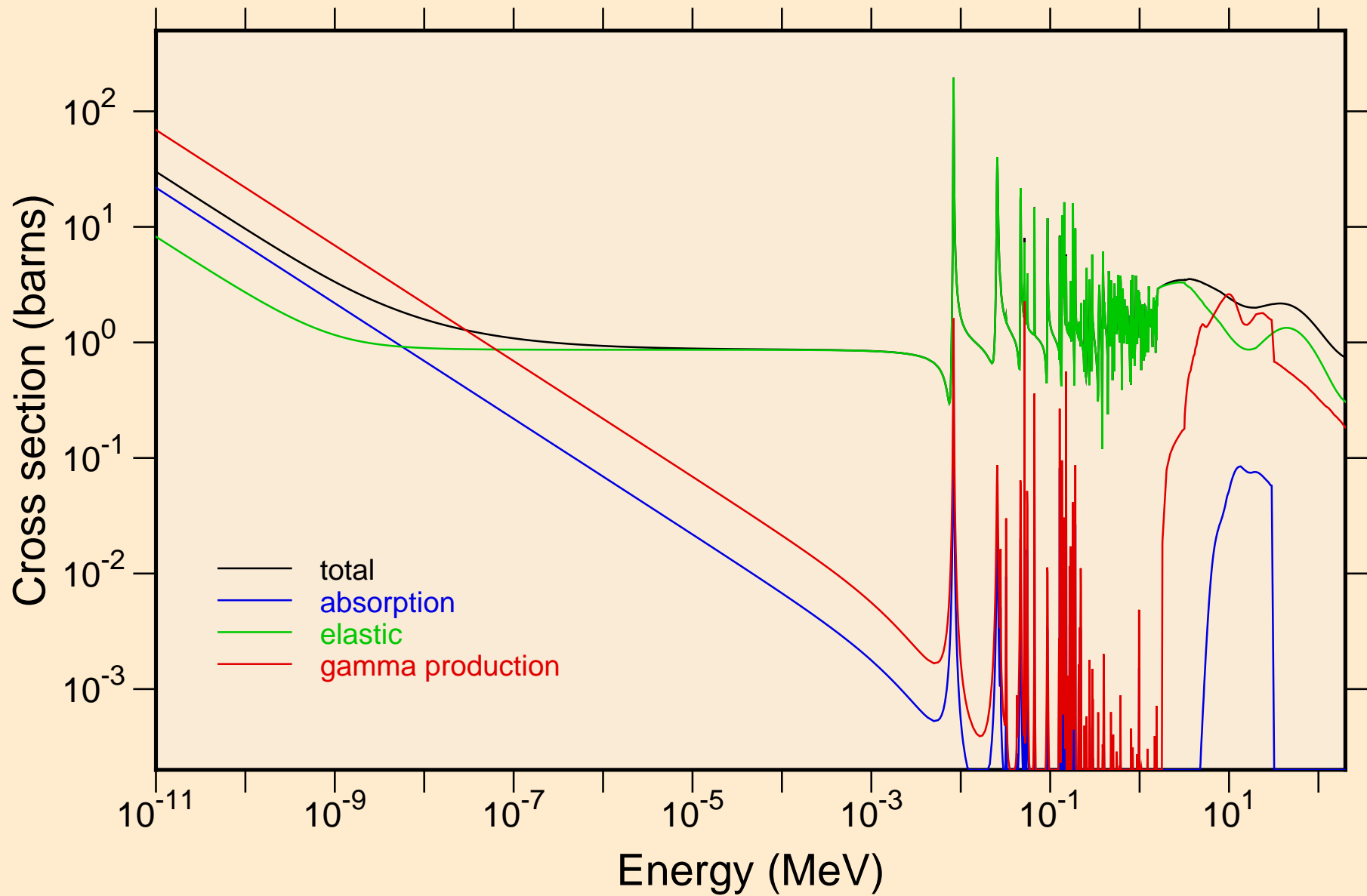
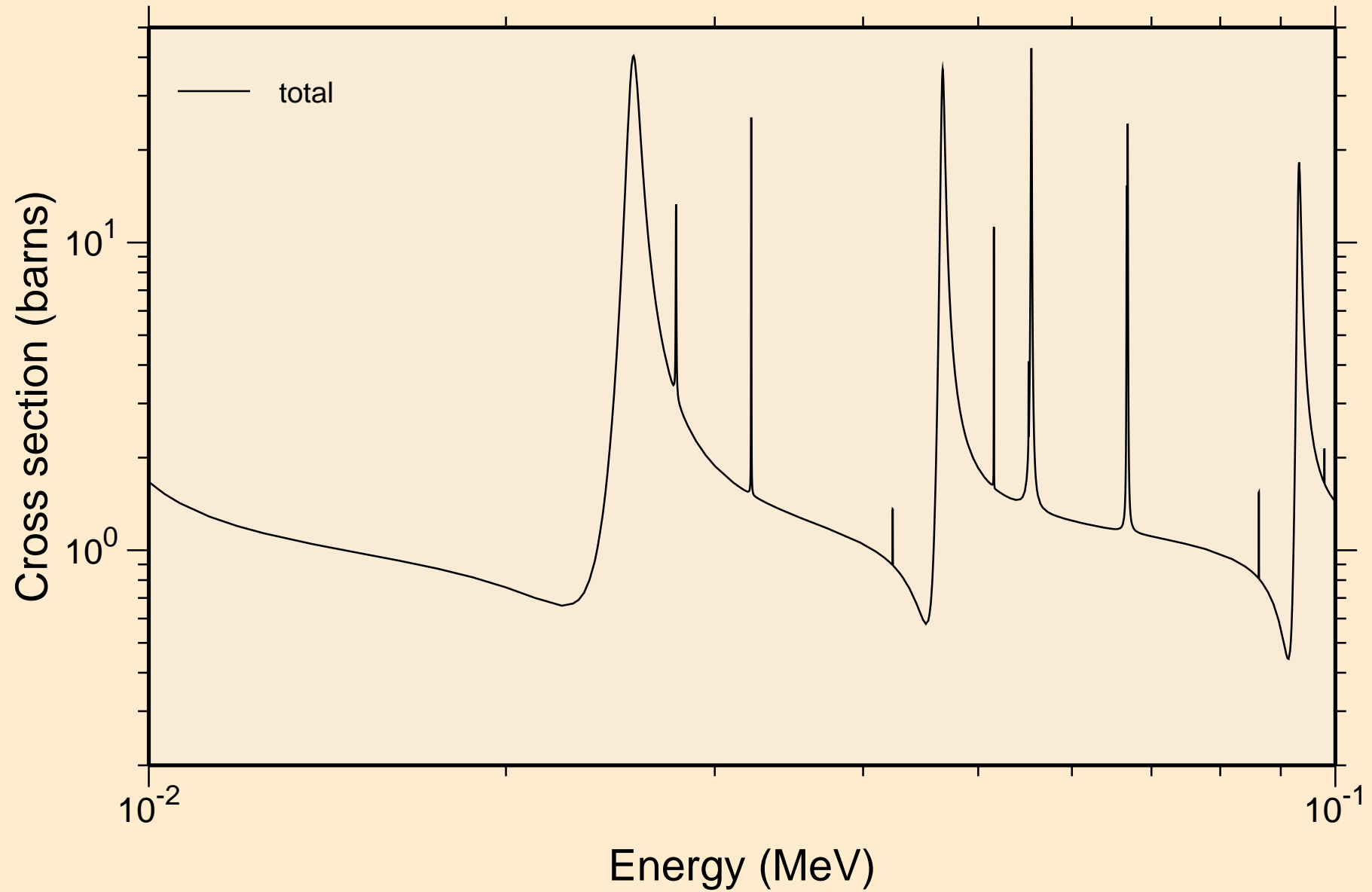


# CL037 NRG TENDL-2015, AKONING

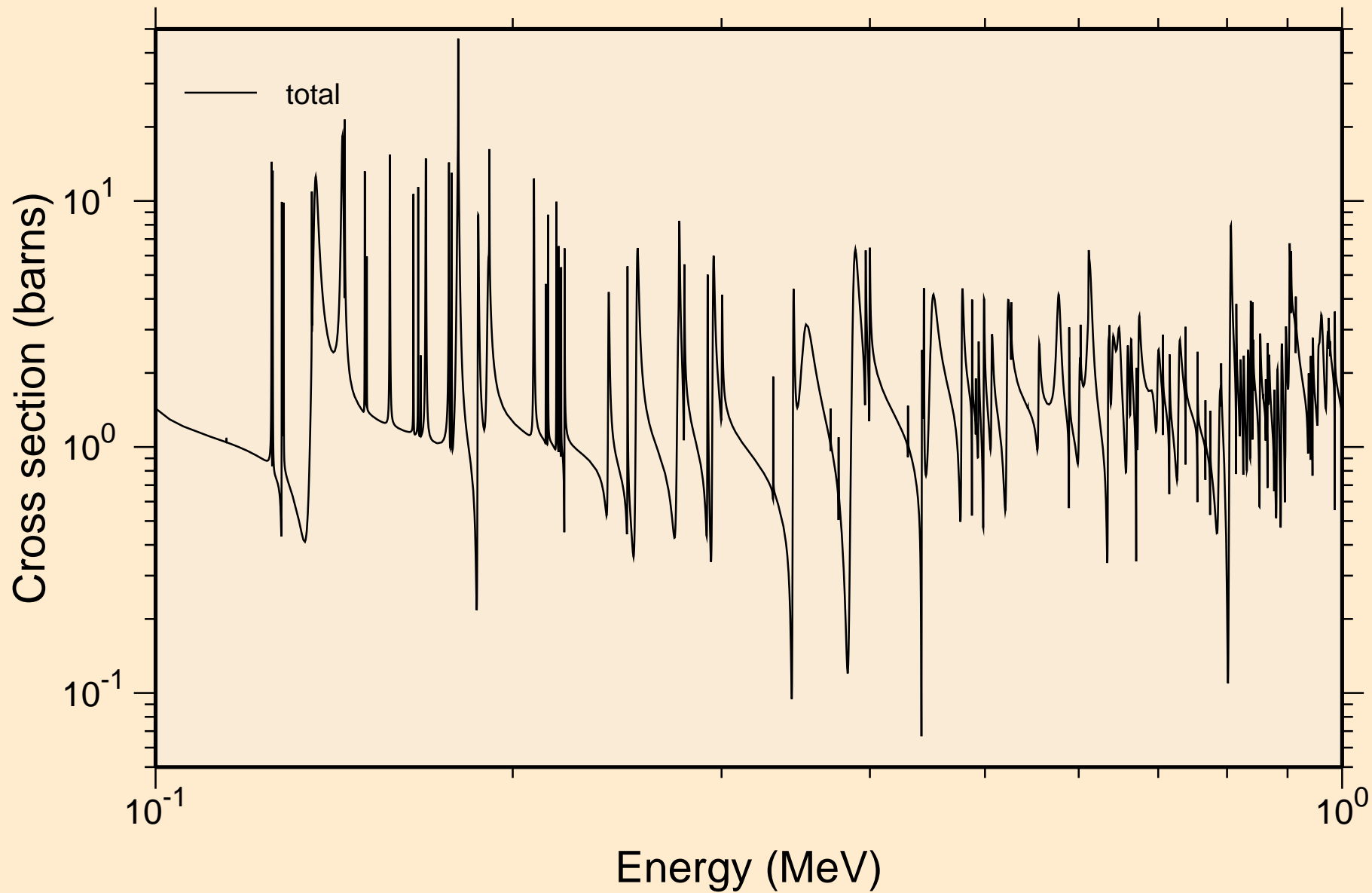
## Principal cross sections



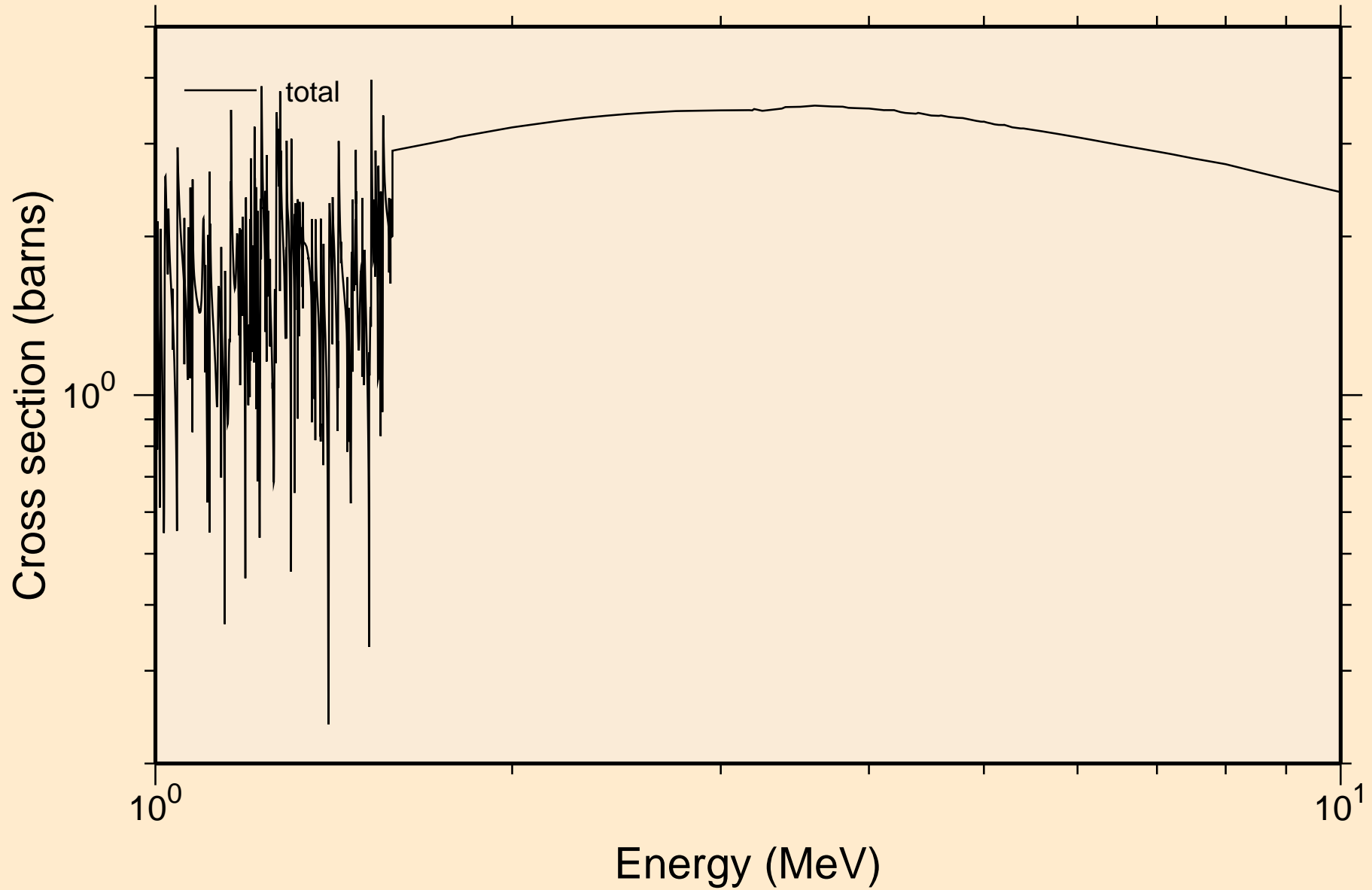
CL037 NRG TENDL-2015, AKONING  
resonance total cross section



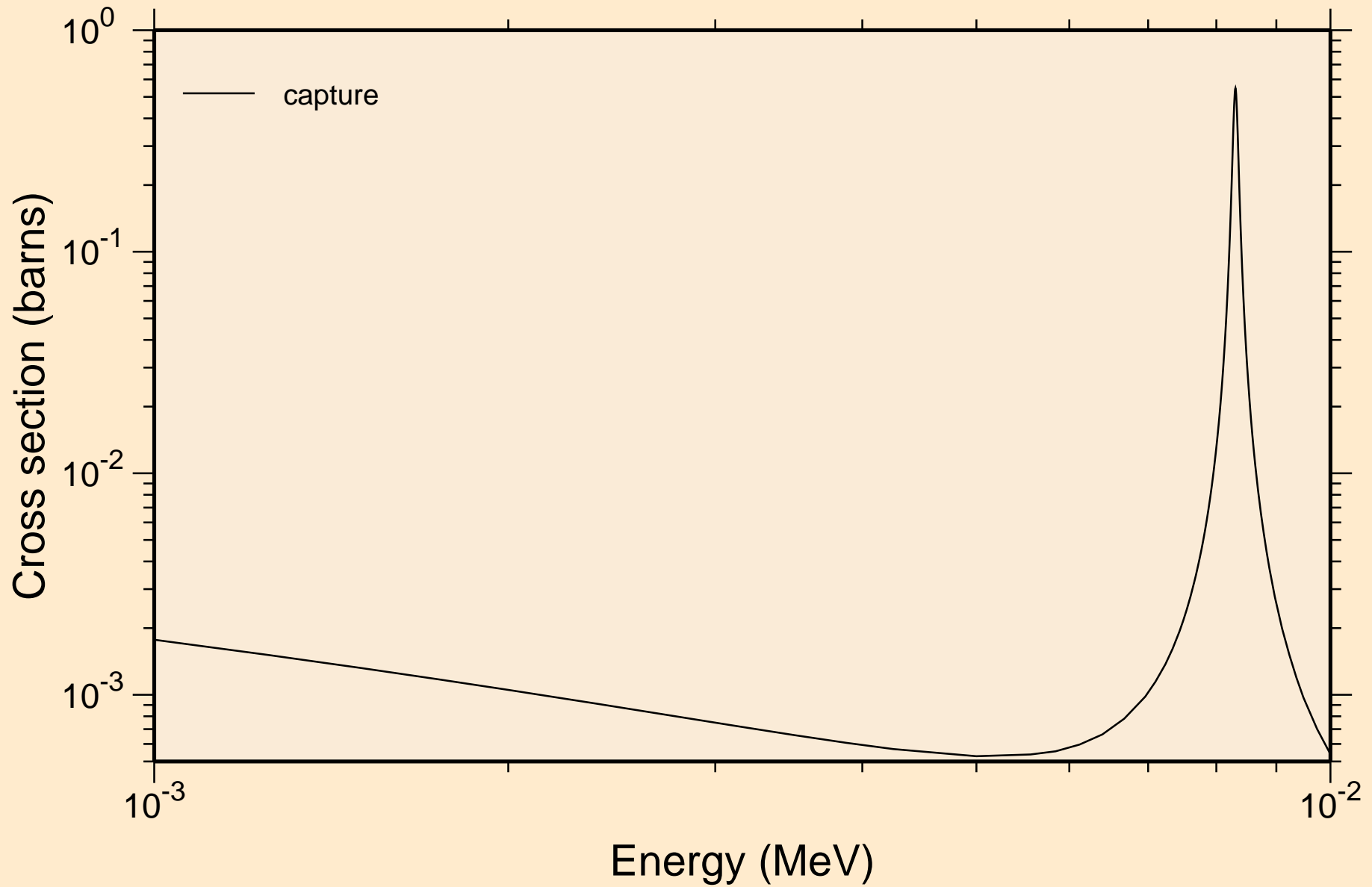
CL037 NRG TENDL-2015, AKONING  
resonance total cross section



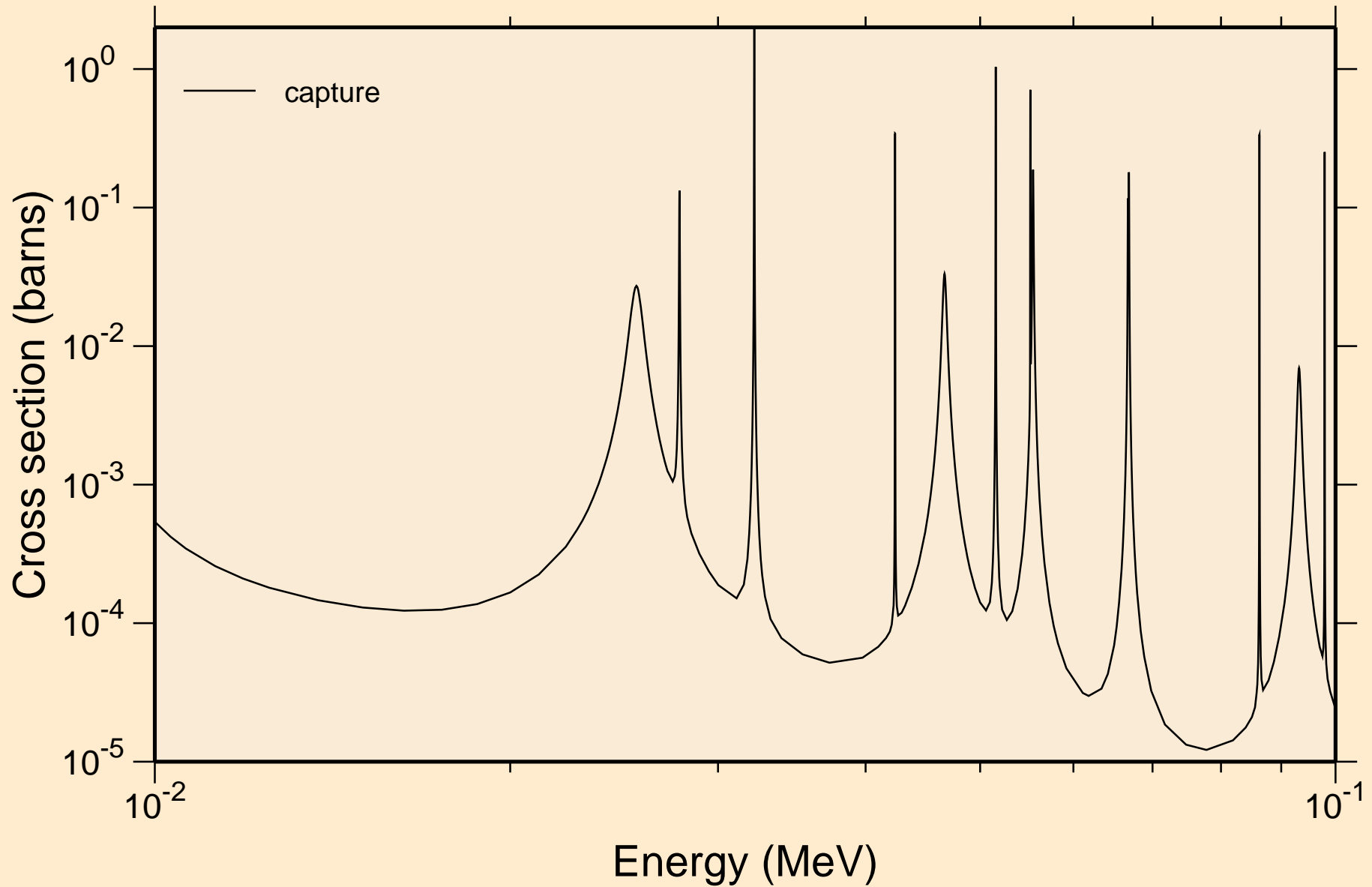
CL037 NRG TENDL-2015, AKONING  
resonance total cross section



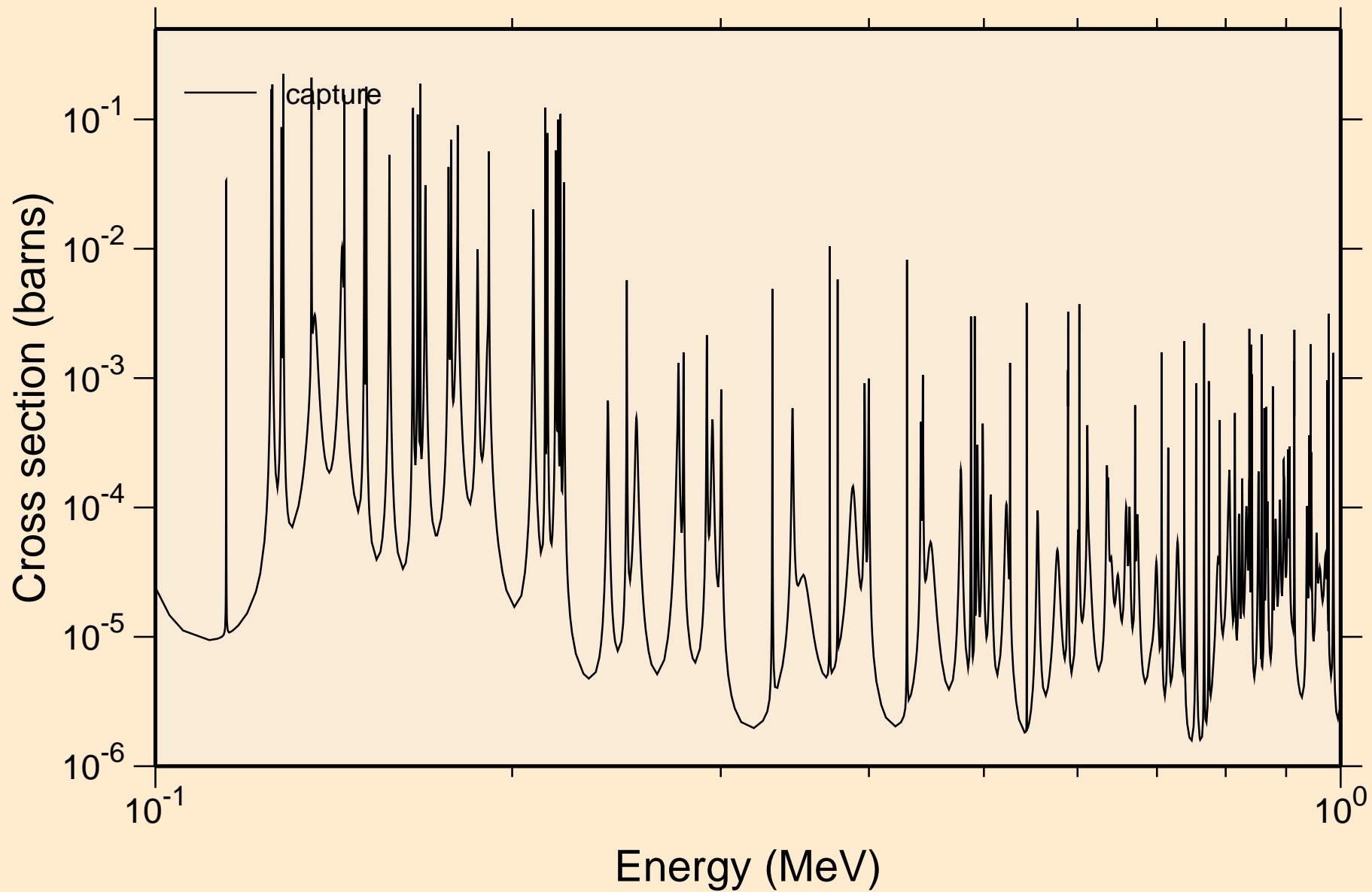
CL037 NRG TENDL-2015, AKONING  
resonance absorption cross sections



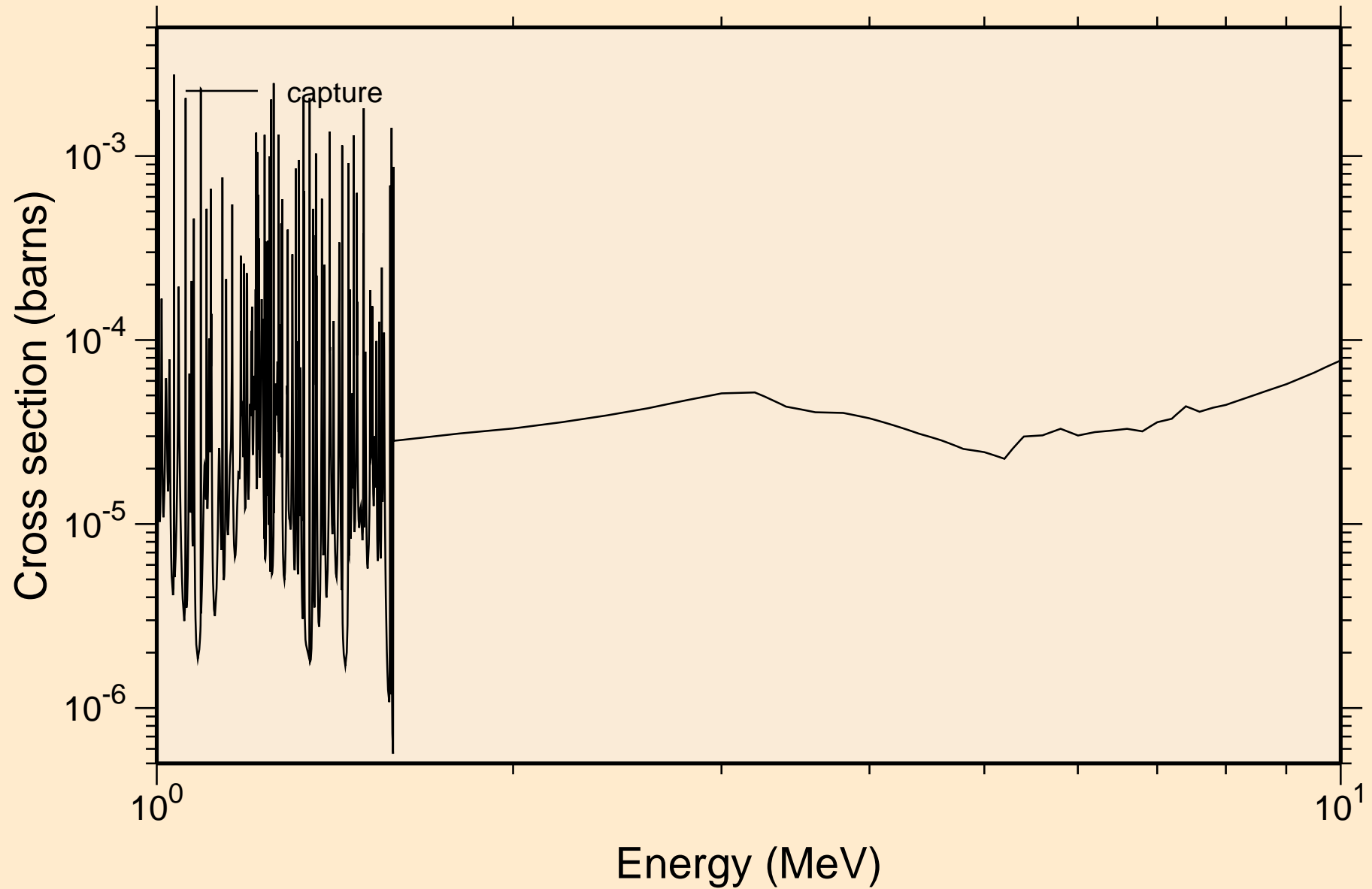
CL037 NRG TENDL-2015, AKONING  
resonance absorption cross sections



CL037 NRG TENDL-2015, AKONING  
resonance absorption cross sections

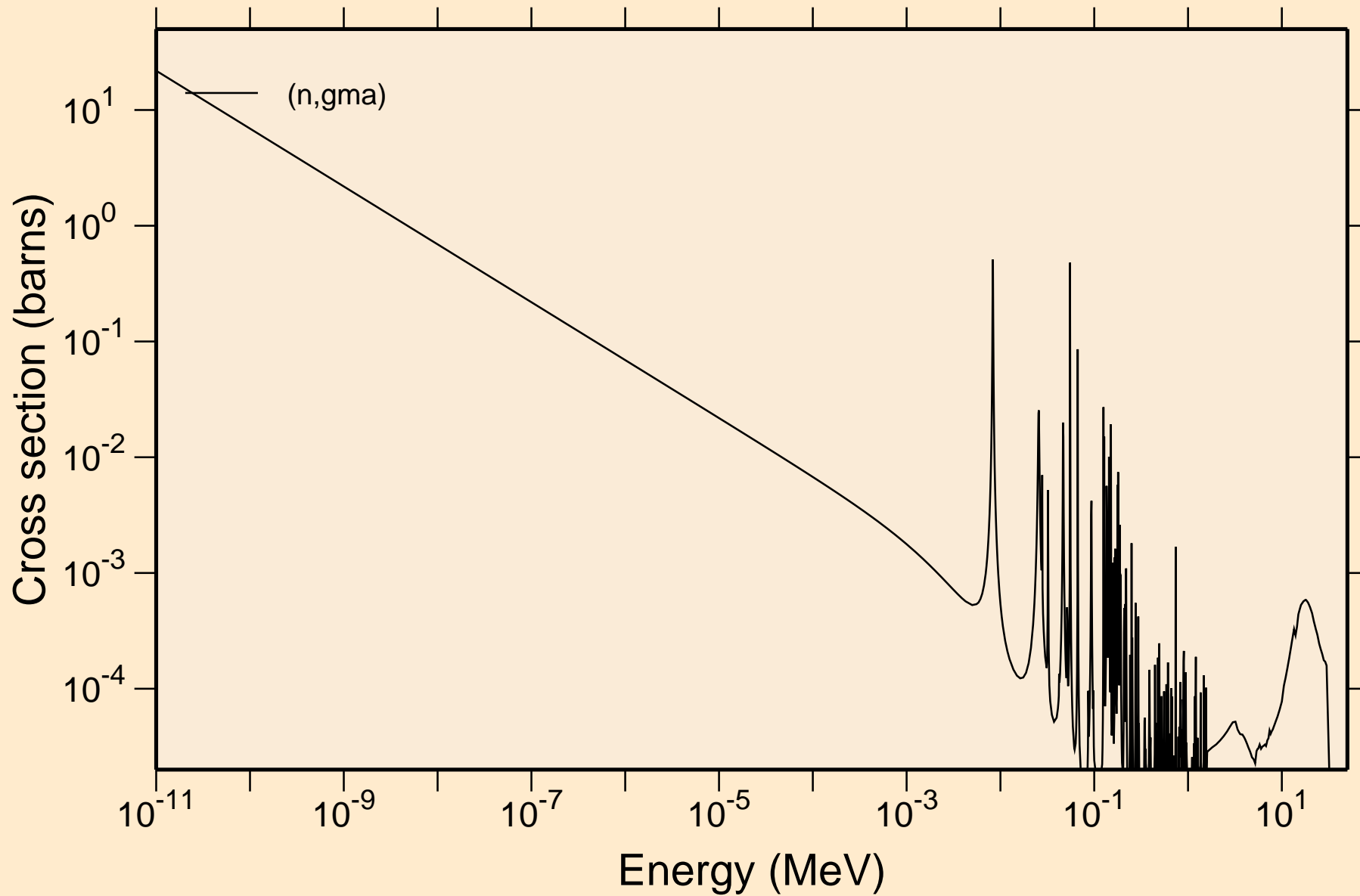


CL037 NRG TENDL-2015, AKONING  
resonance absorption cross sections



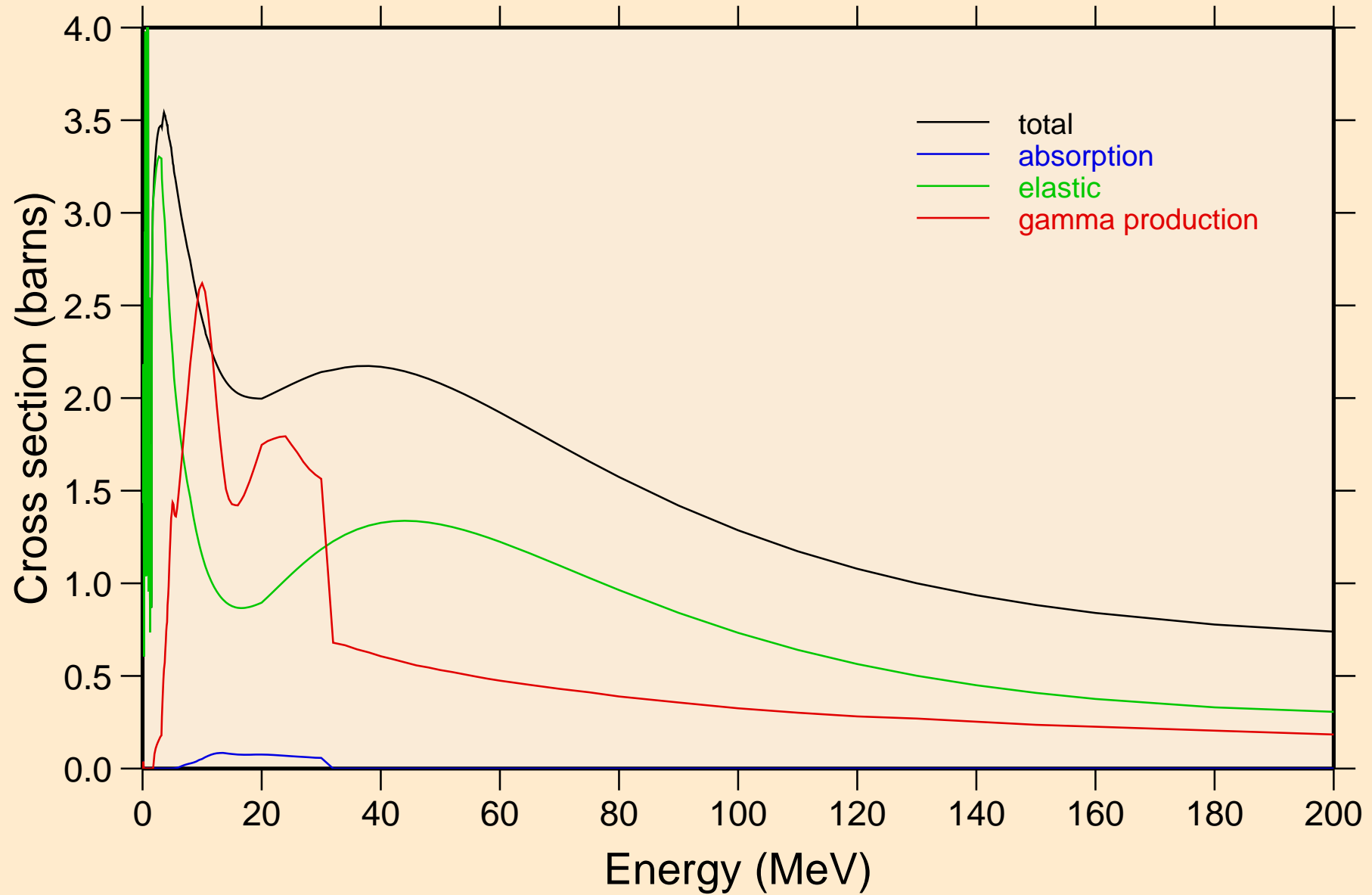


CL037 NRG TENDL-2015, AKONING  
Non-threshold reactions

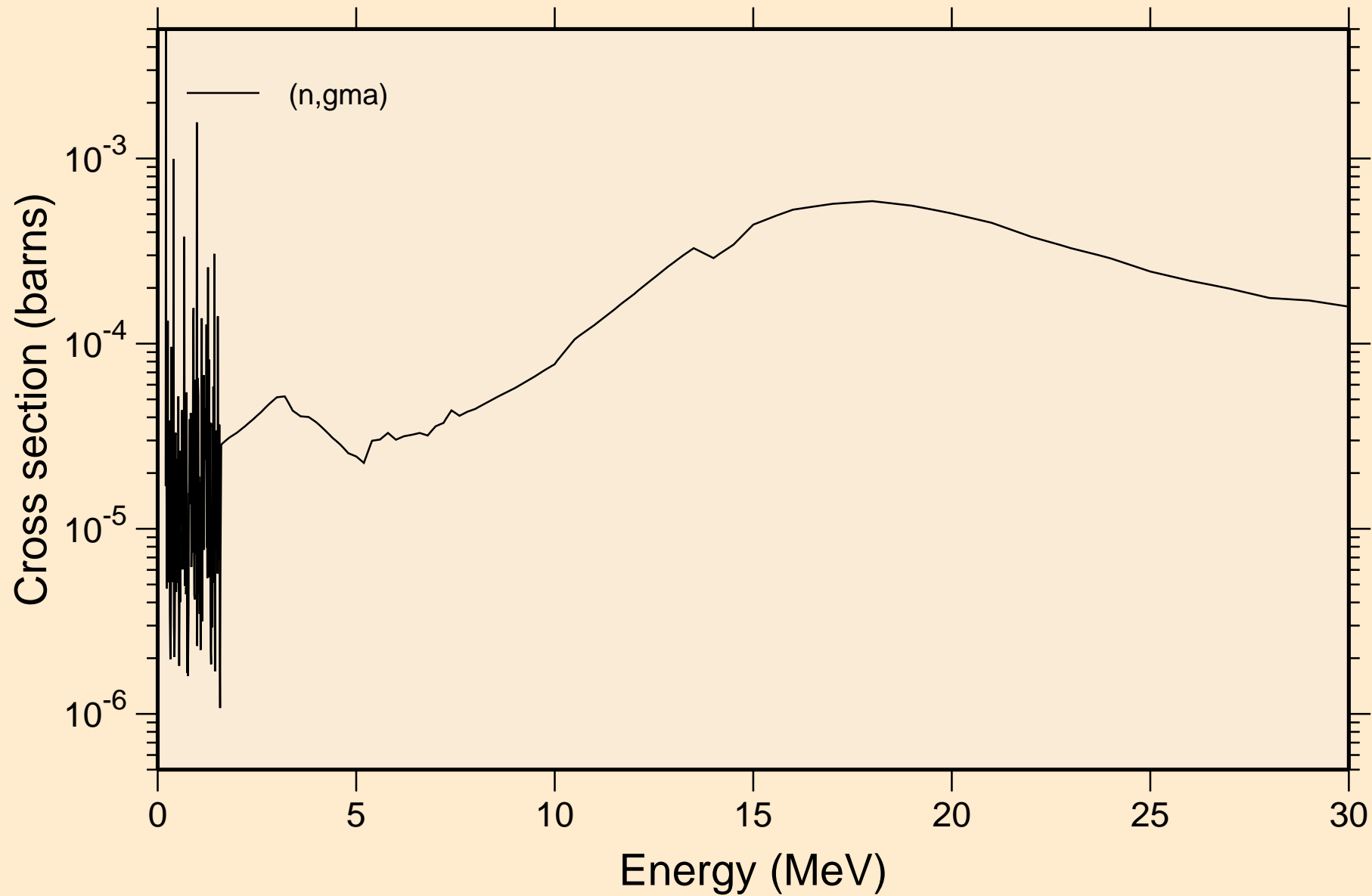


# CL037 NRG TENDL-2015, AKONING

## Principal cross sections

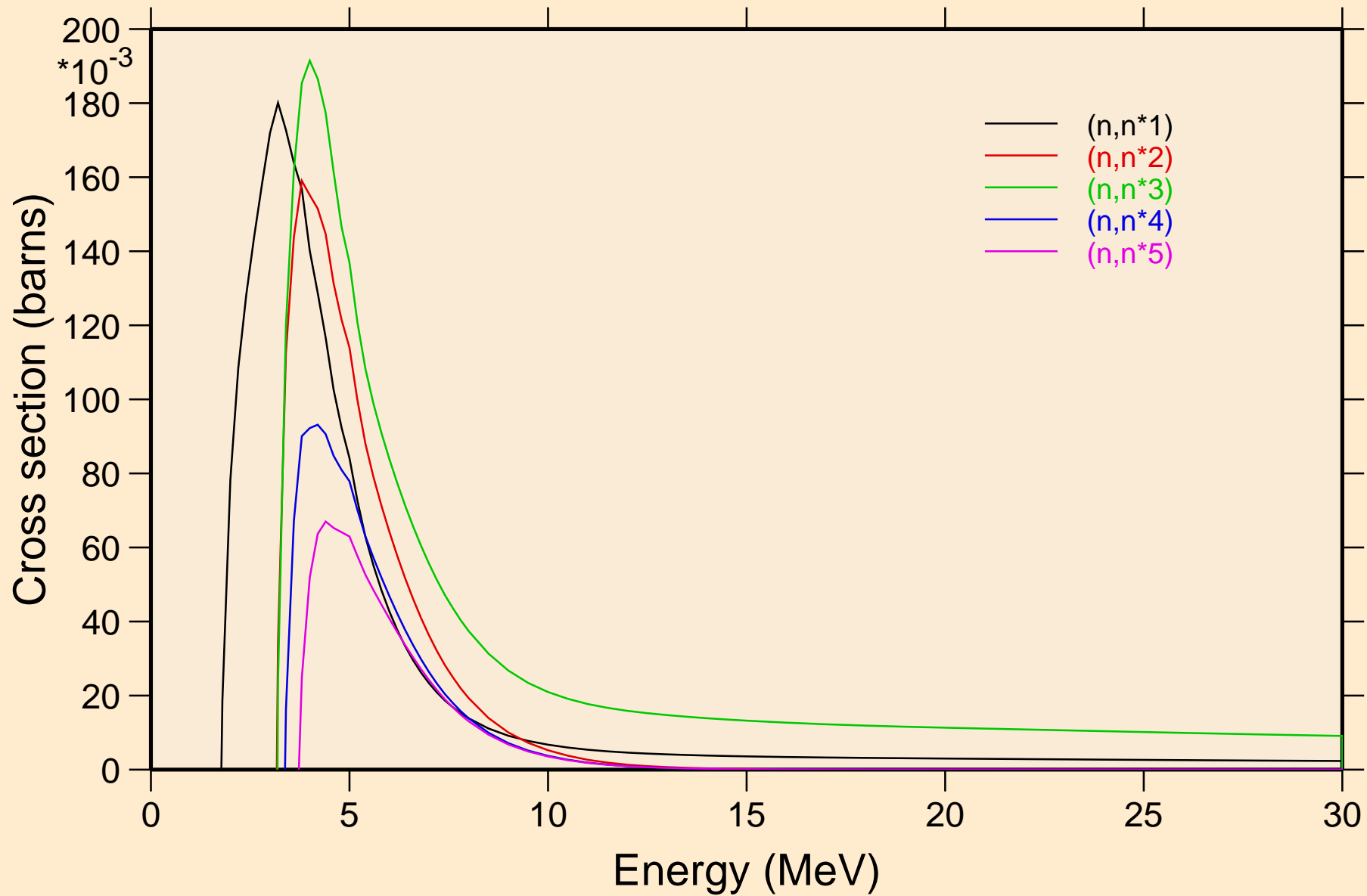


CL037 NRG TENDL-2015, AKONING  
Non-threshold reactions



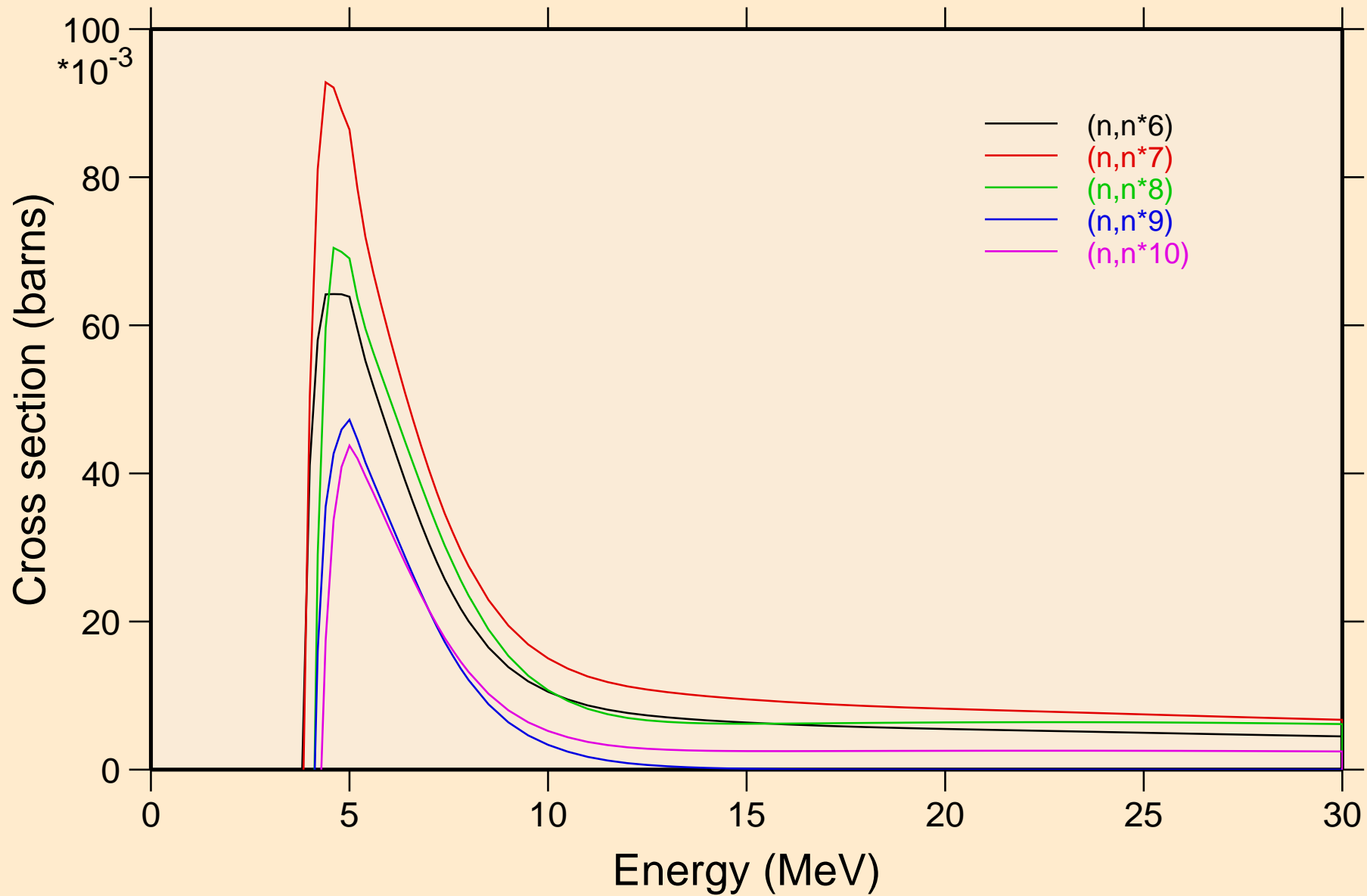
# CL037 NRG TENDL-2015, AKONING

## Inelastic levels



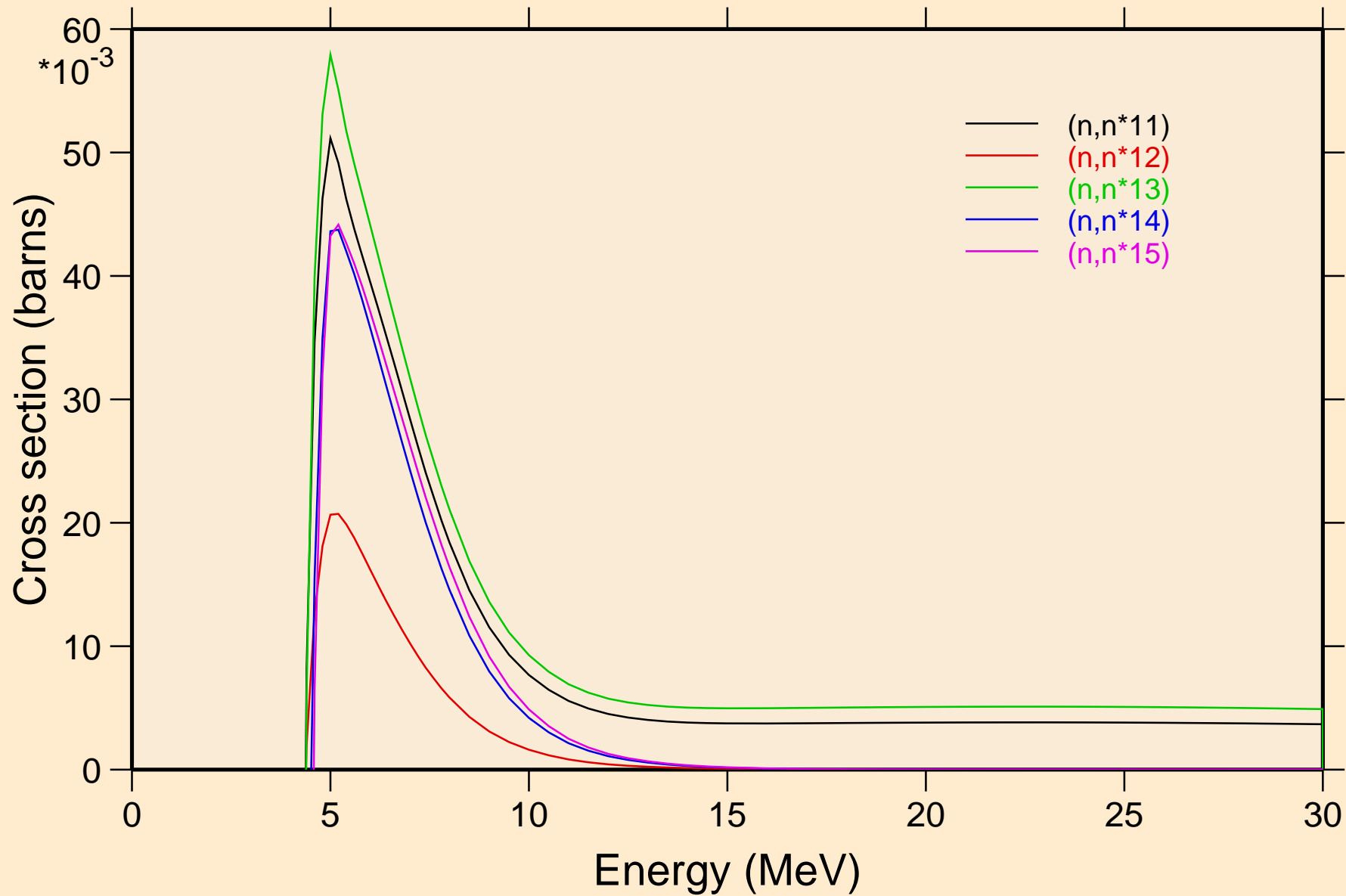
# CL037 NRG TENDL-2015, AKONING

## Inelastic levels



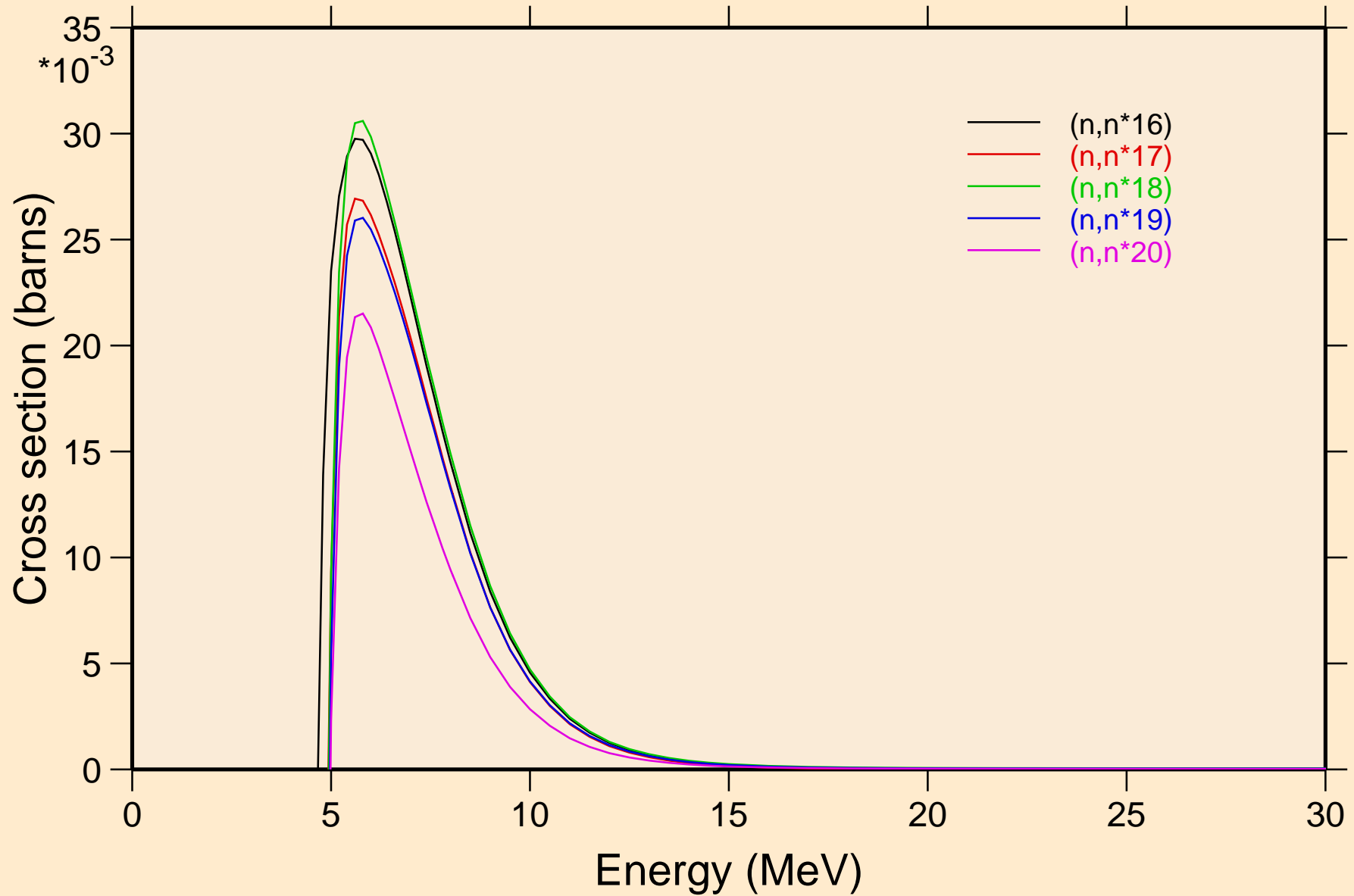
# CL037 NRG TENDL-2015, AKONING

## Inelastic levels



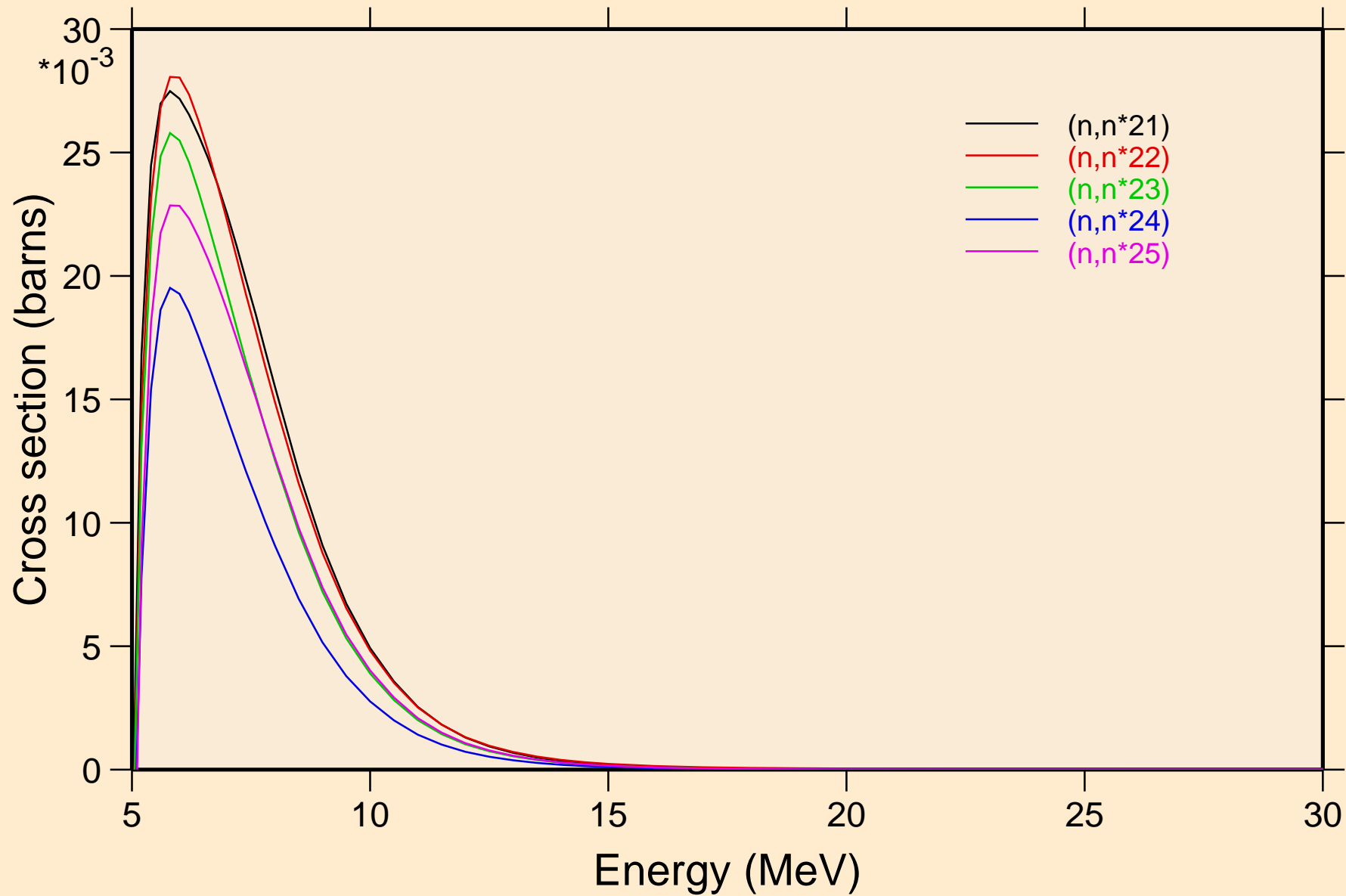
# CL037 NRG TENDL-2015, AKONING

## Inelastic levels



# CL037 NRG TENDL-2015, AKONING

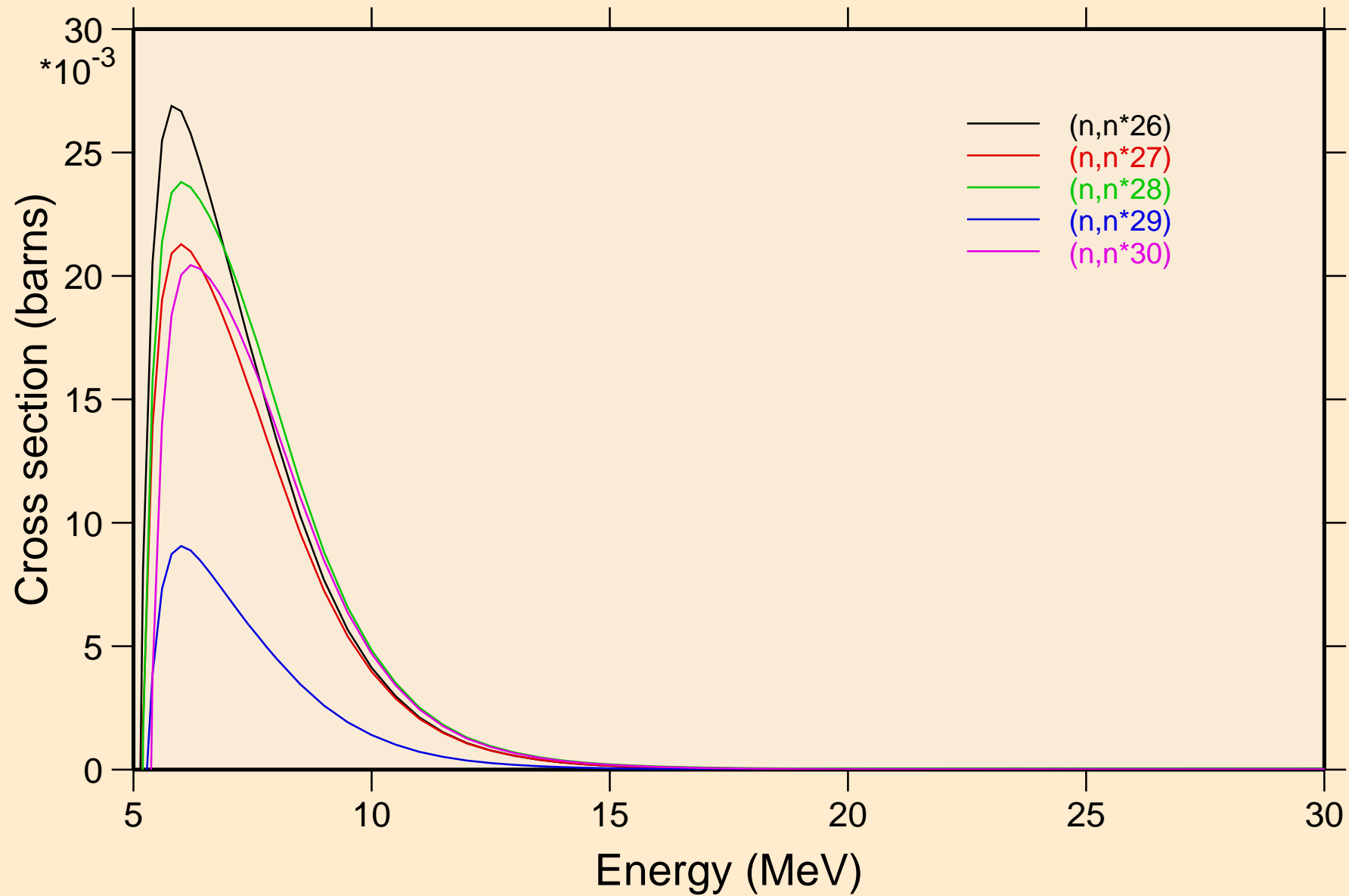
## Inelastic levels





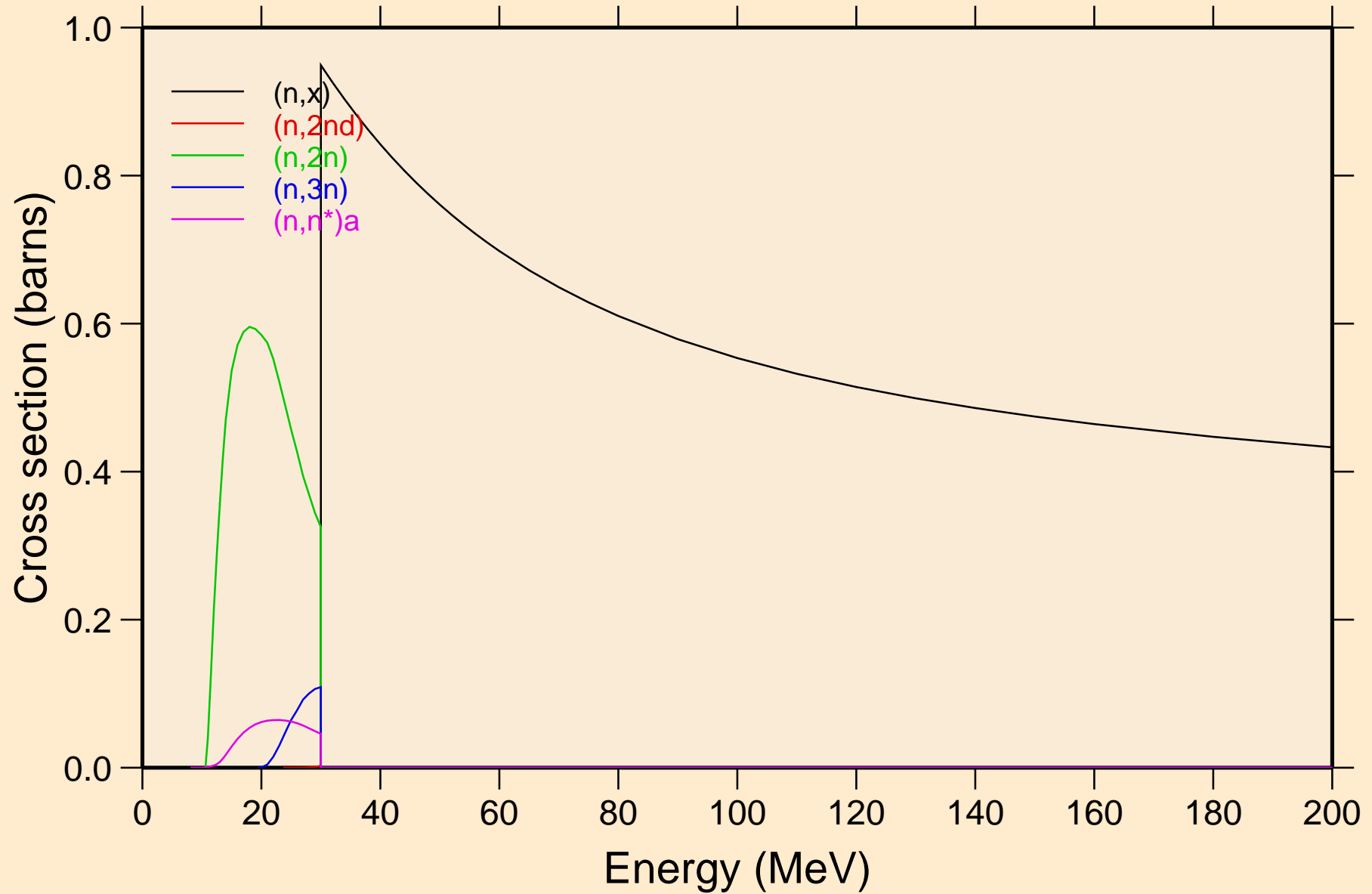
# CL037 NRG TENDL-2015, AKONING

## Inelastic levels



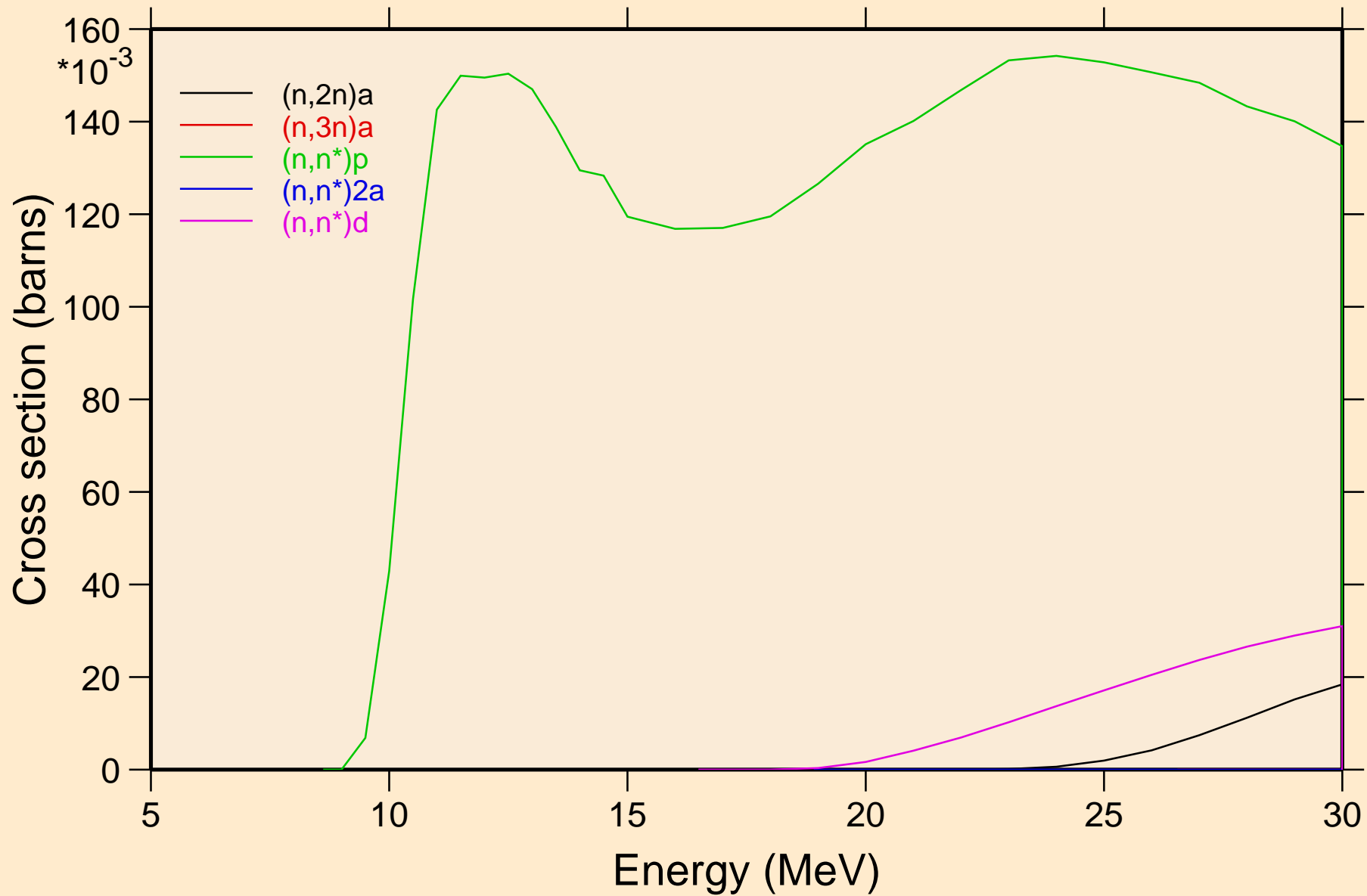
# CL037 NRG TENDL-2015, AKONING

## Threshold reactions



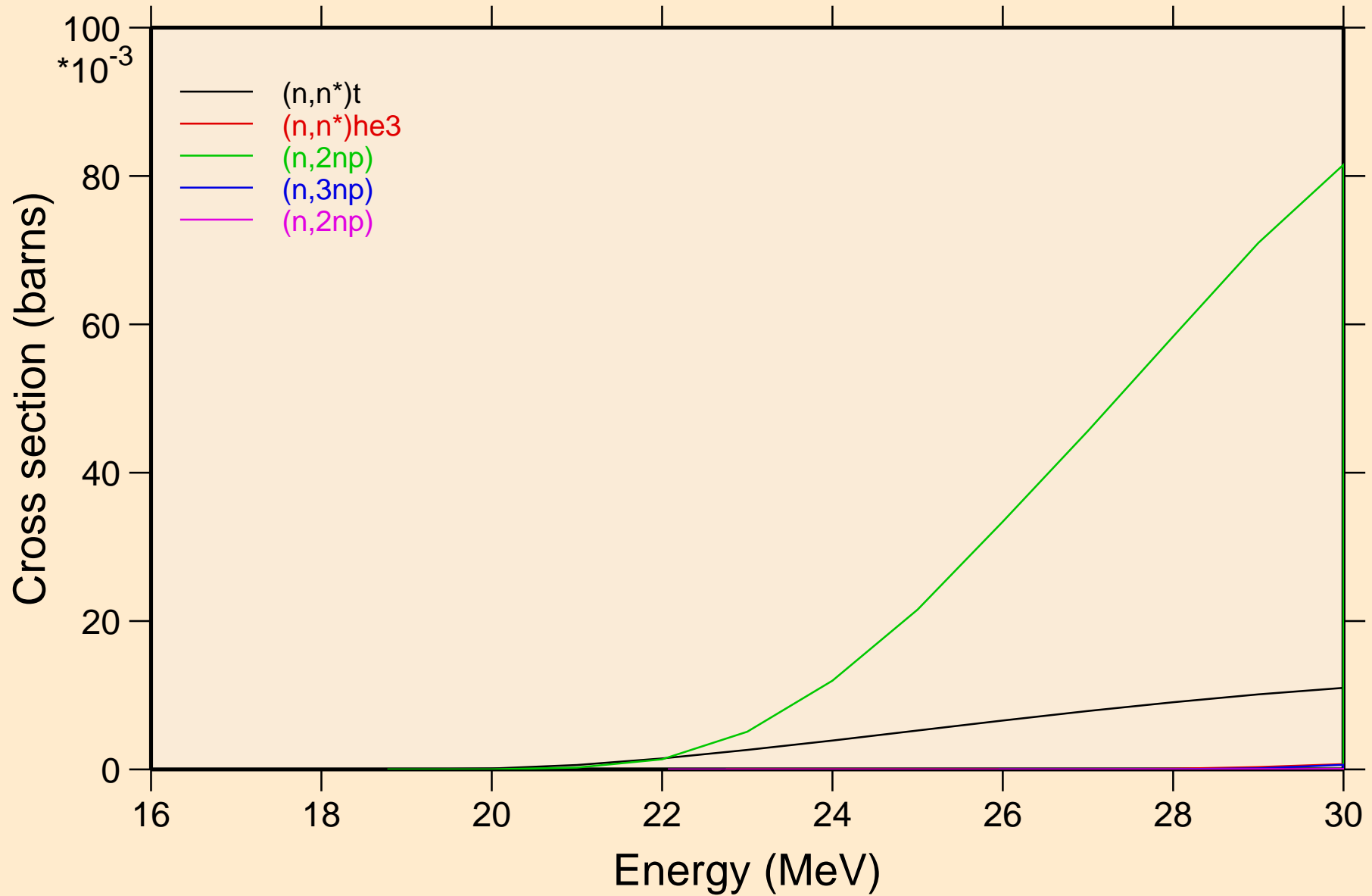
# CL037 NRG TENDL-2015, AKONING

## Threshold reactions



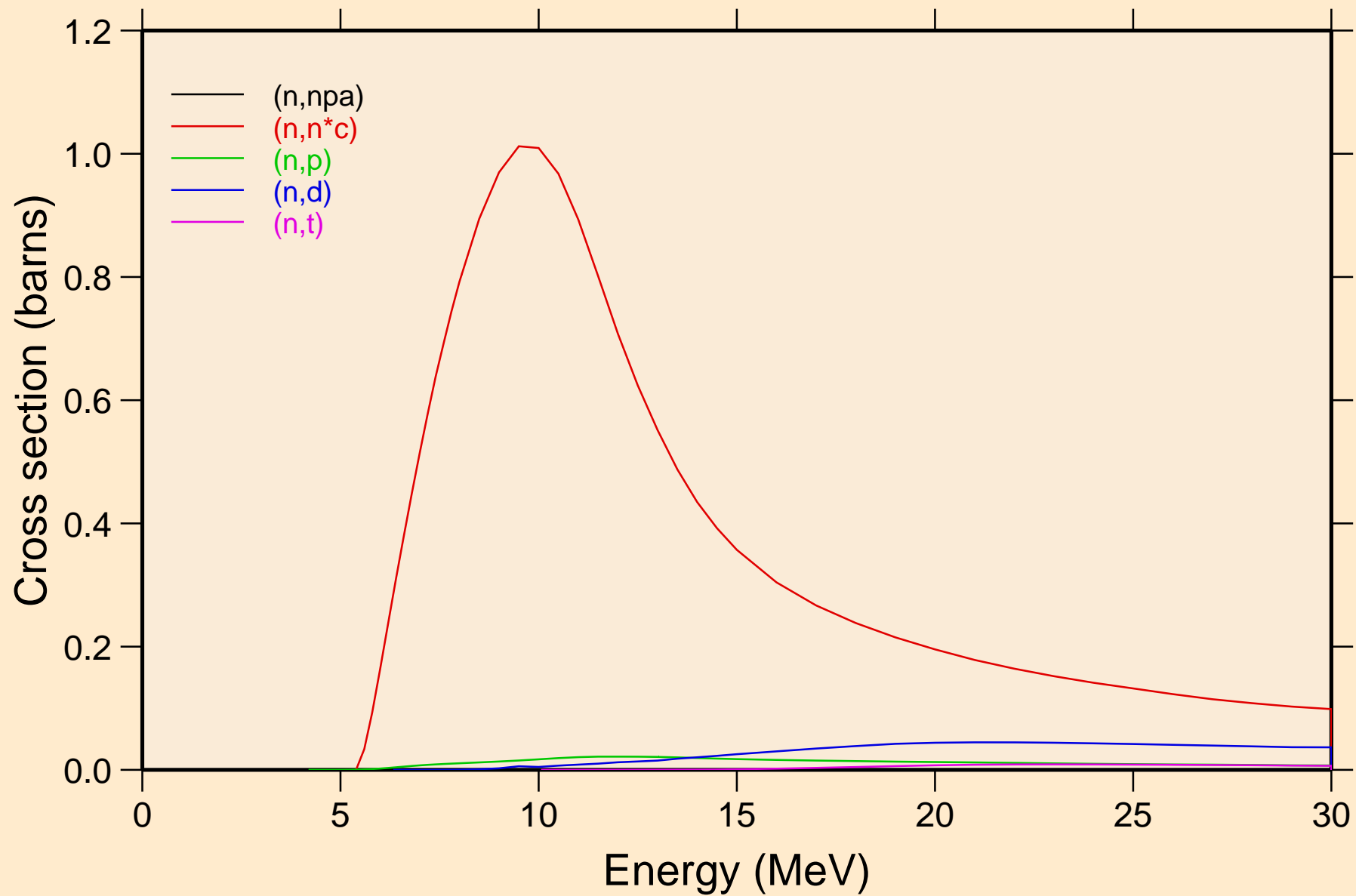
# CL037 NRG TENDL-2015, AKONING

## Threshold reactions



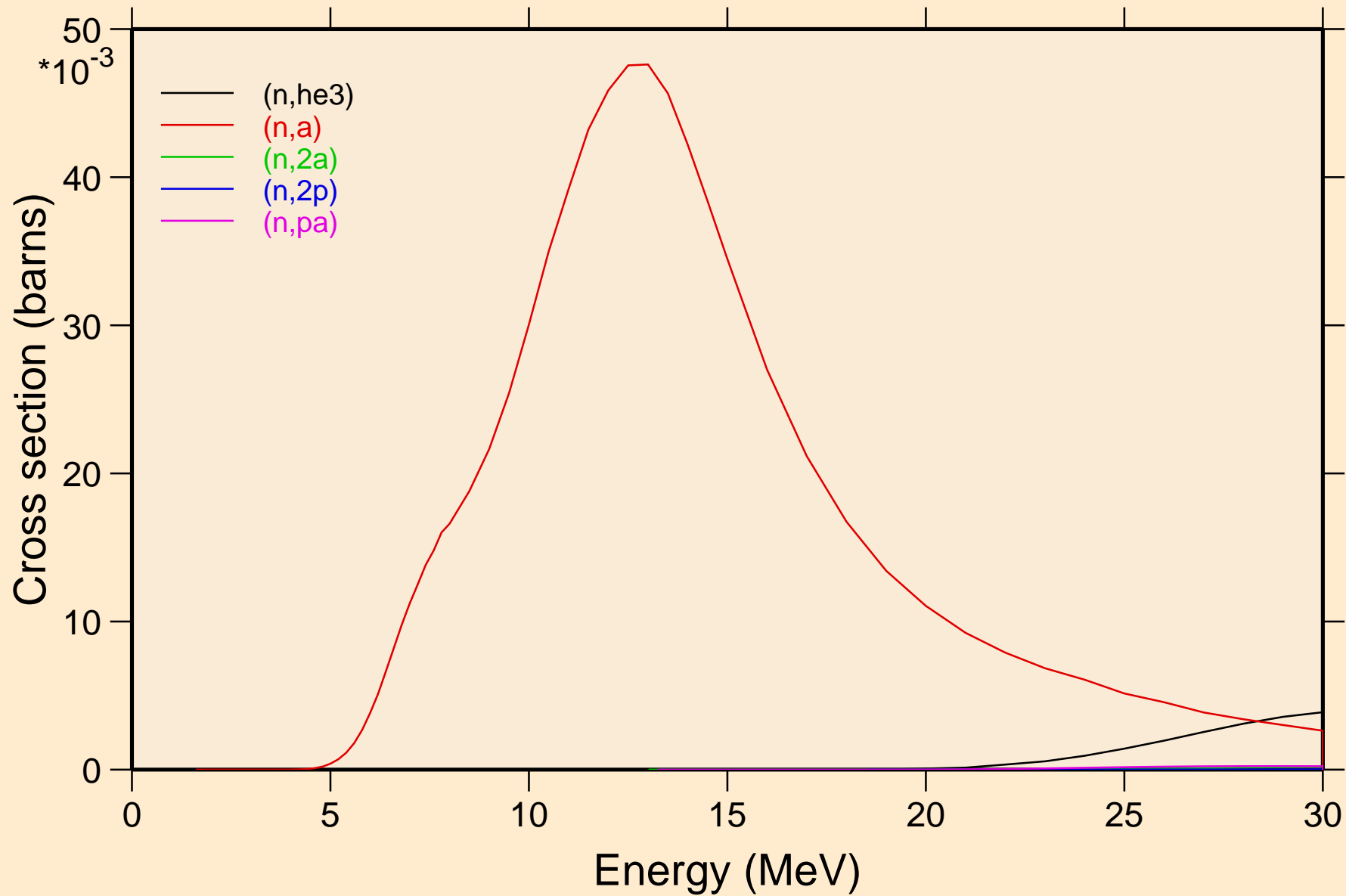
# CL037 NRG TENDL-2015, AKONING

## Threshold reactions



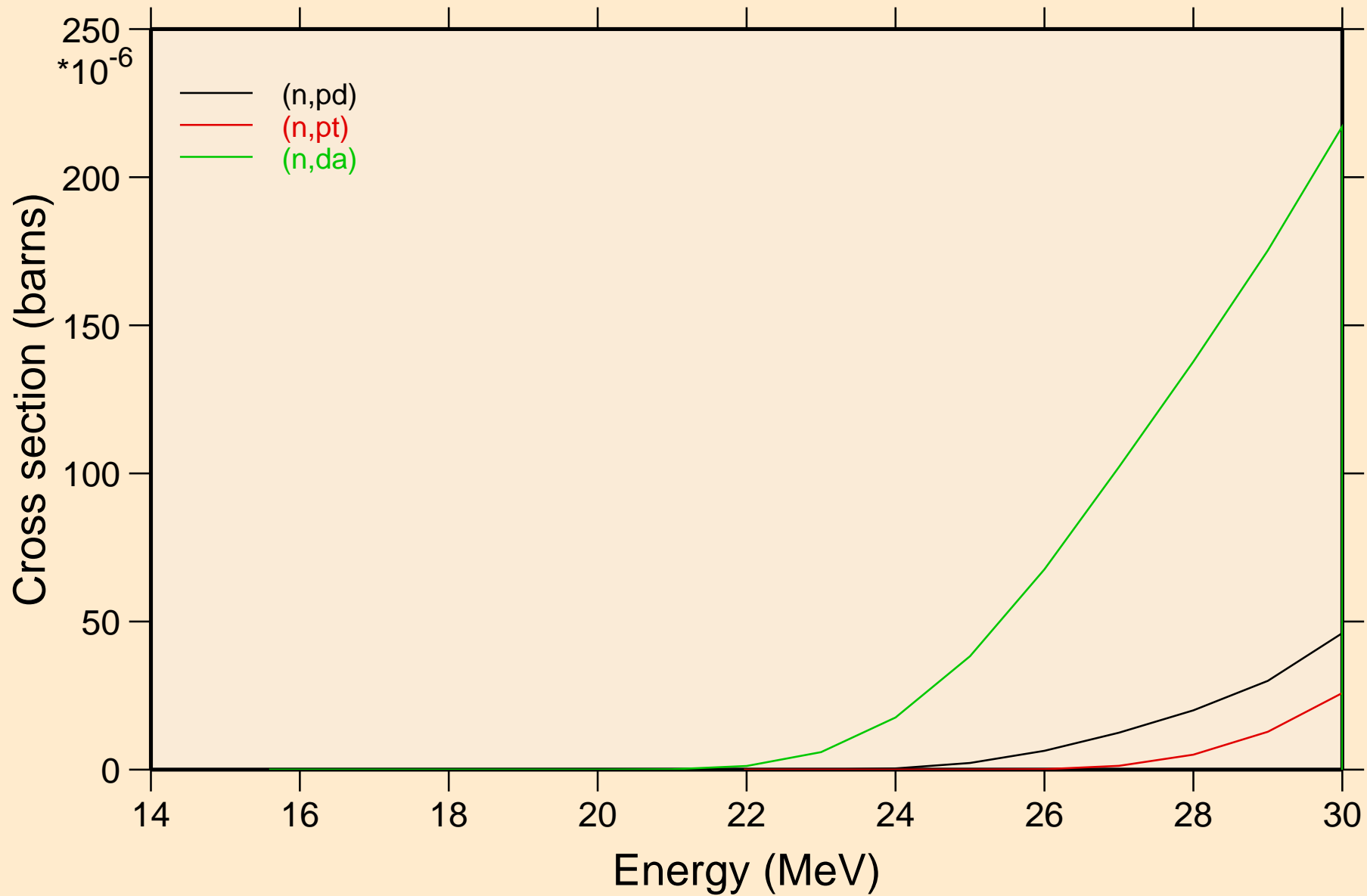
# CL037 NRG TENDL-2015, AKONING

## Threshold reactions

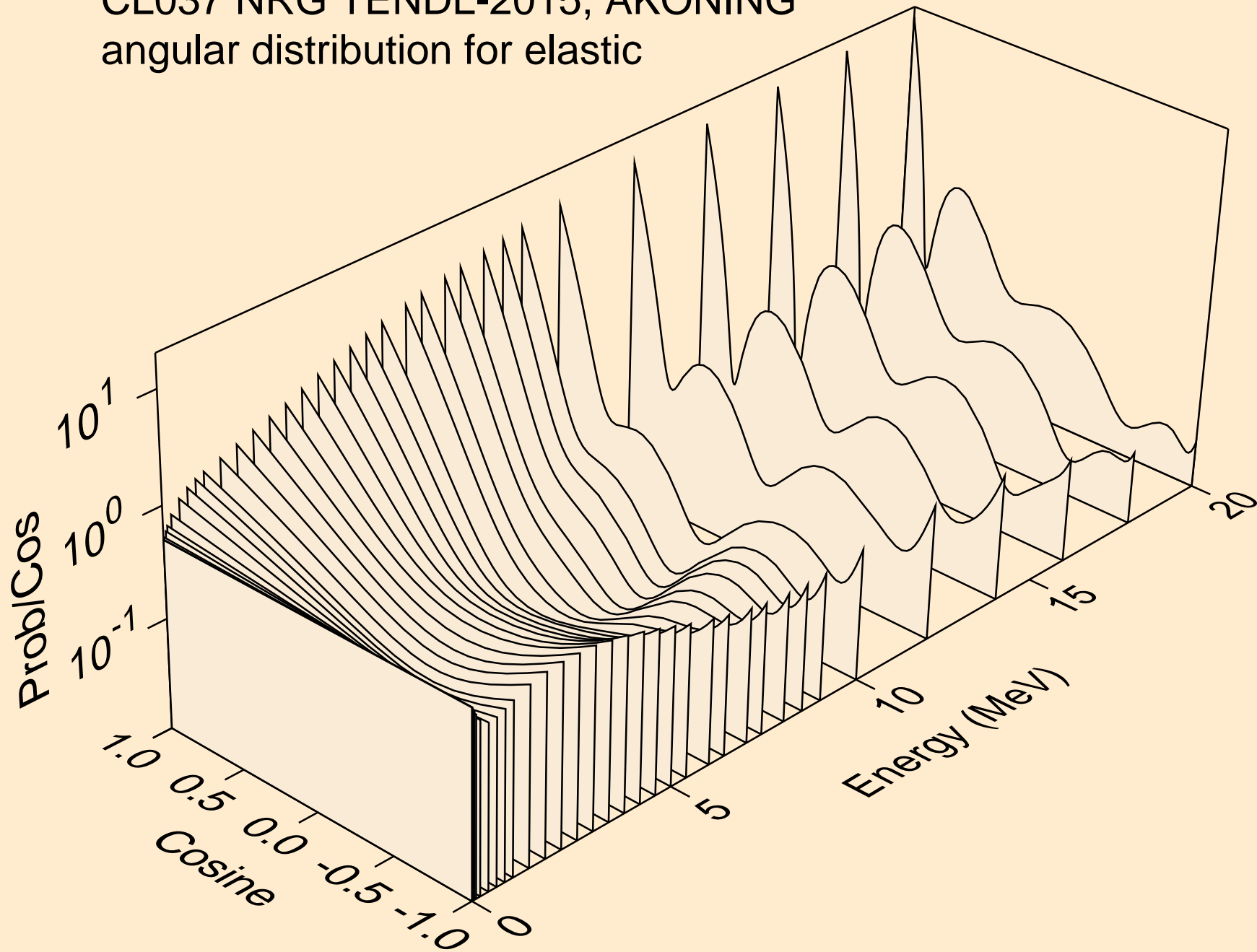


# CL037 NRG TENDL-2015, AKONING

## Threshold reactions

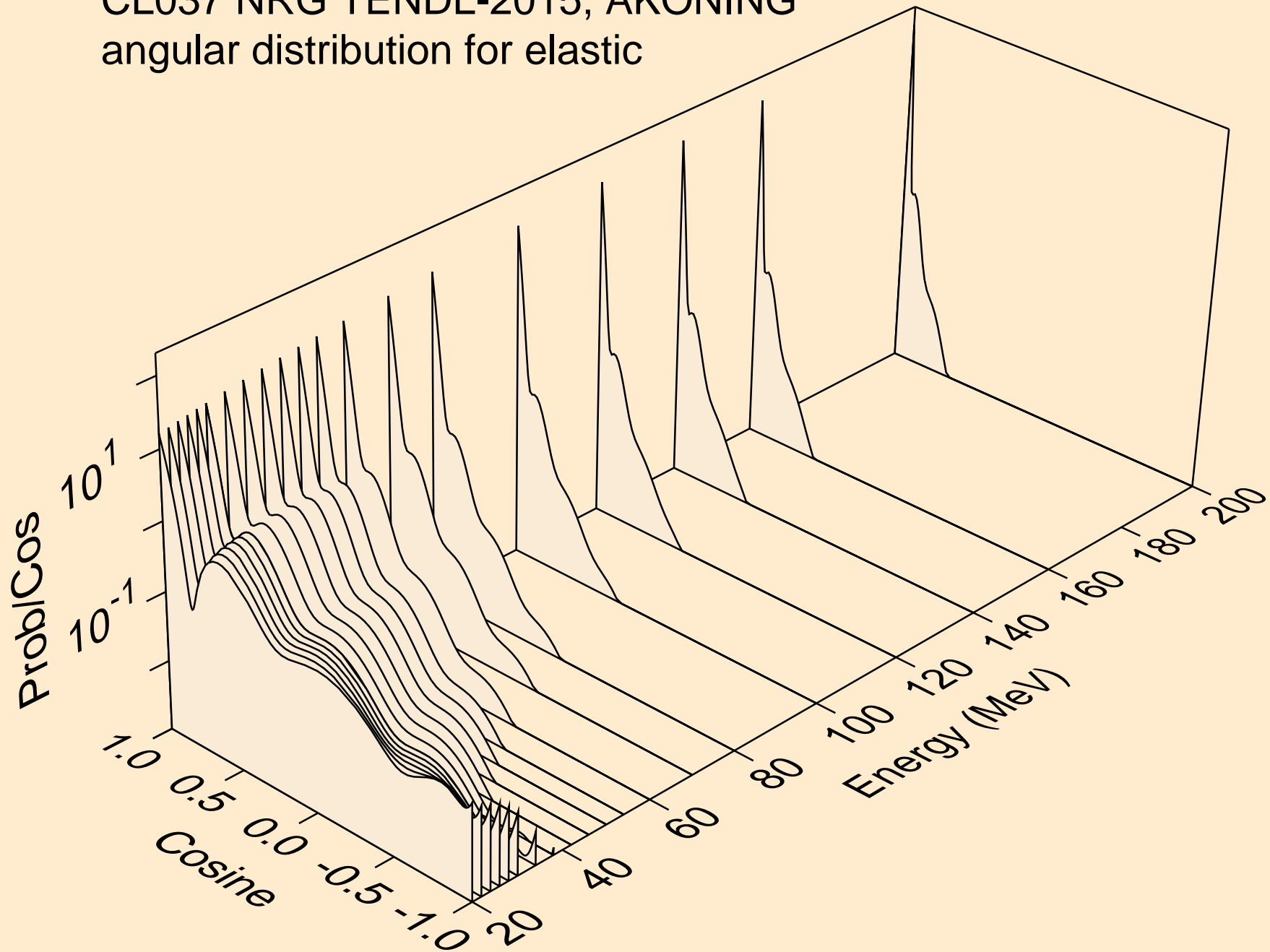


CL037 NRG TENDL-2015, AKONING  
angular distribution for elastic

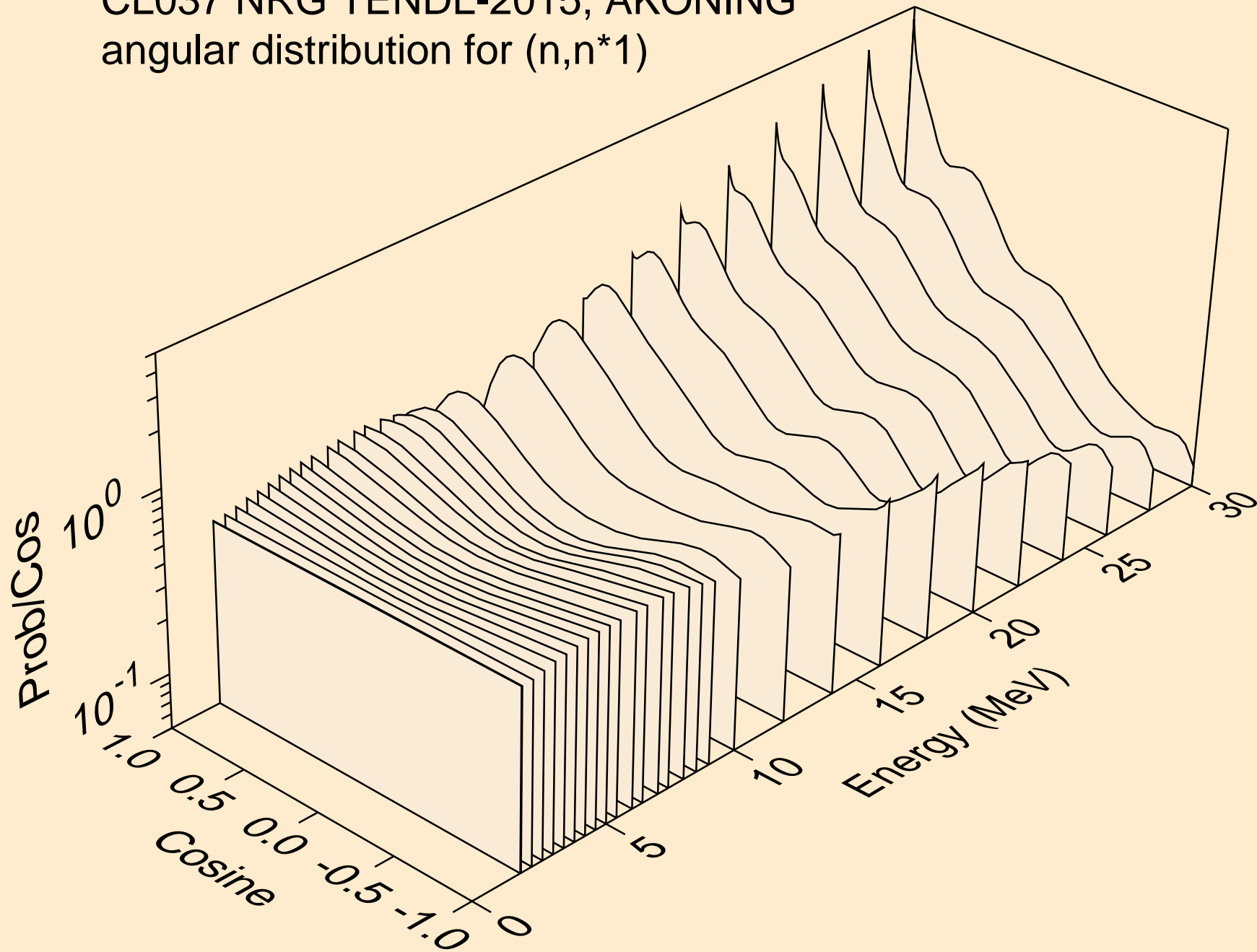




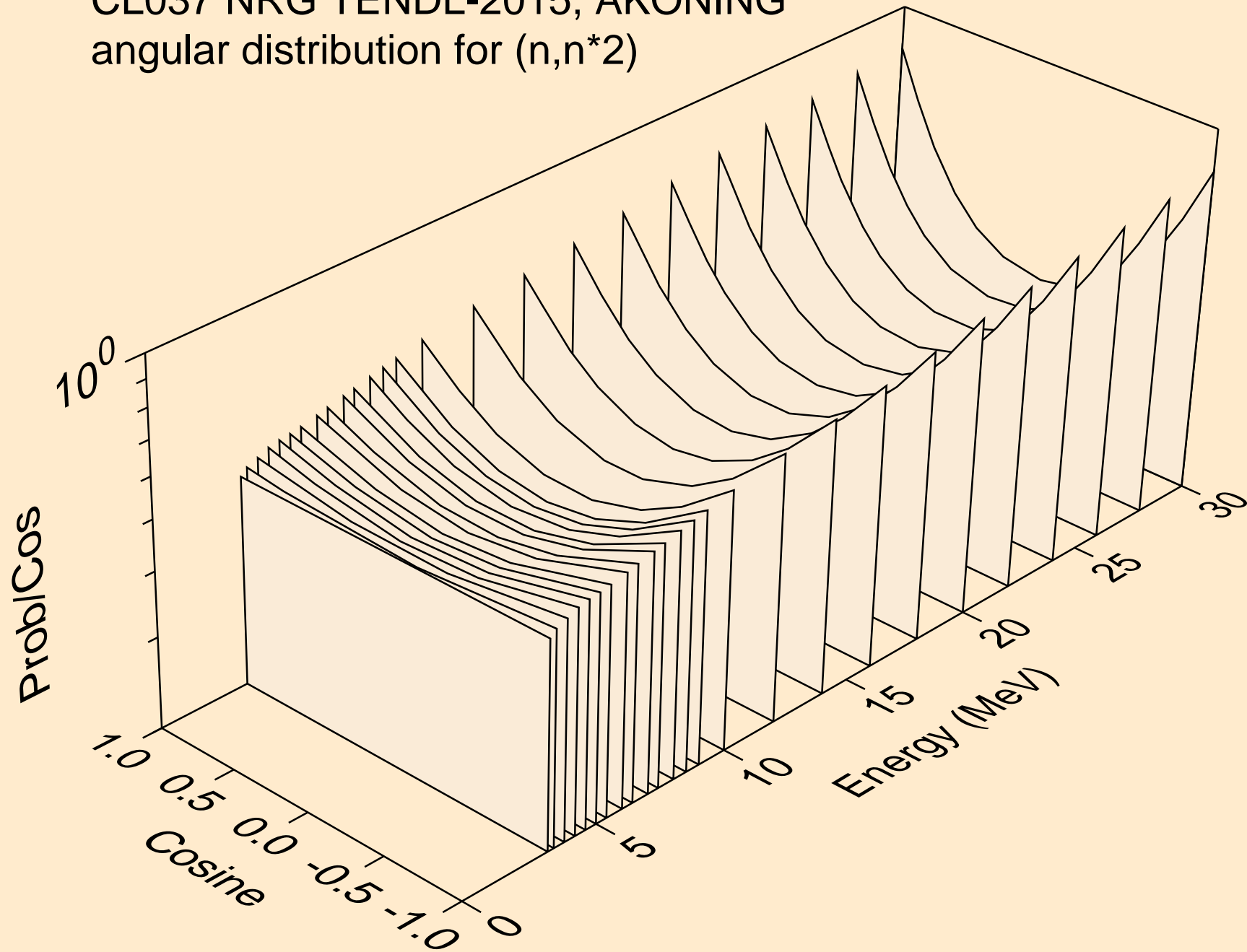
CL037 NRG TENDL-2015, AKONING  
angular distribution for elastic



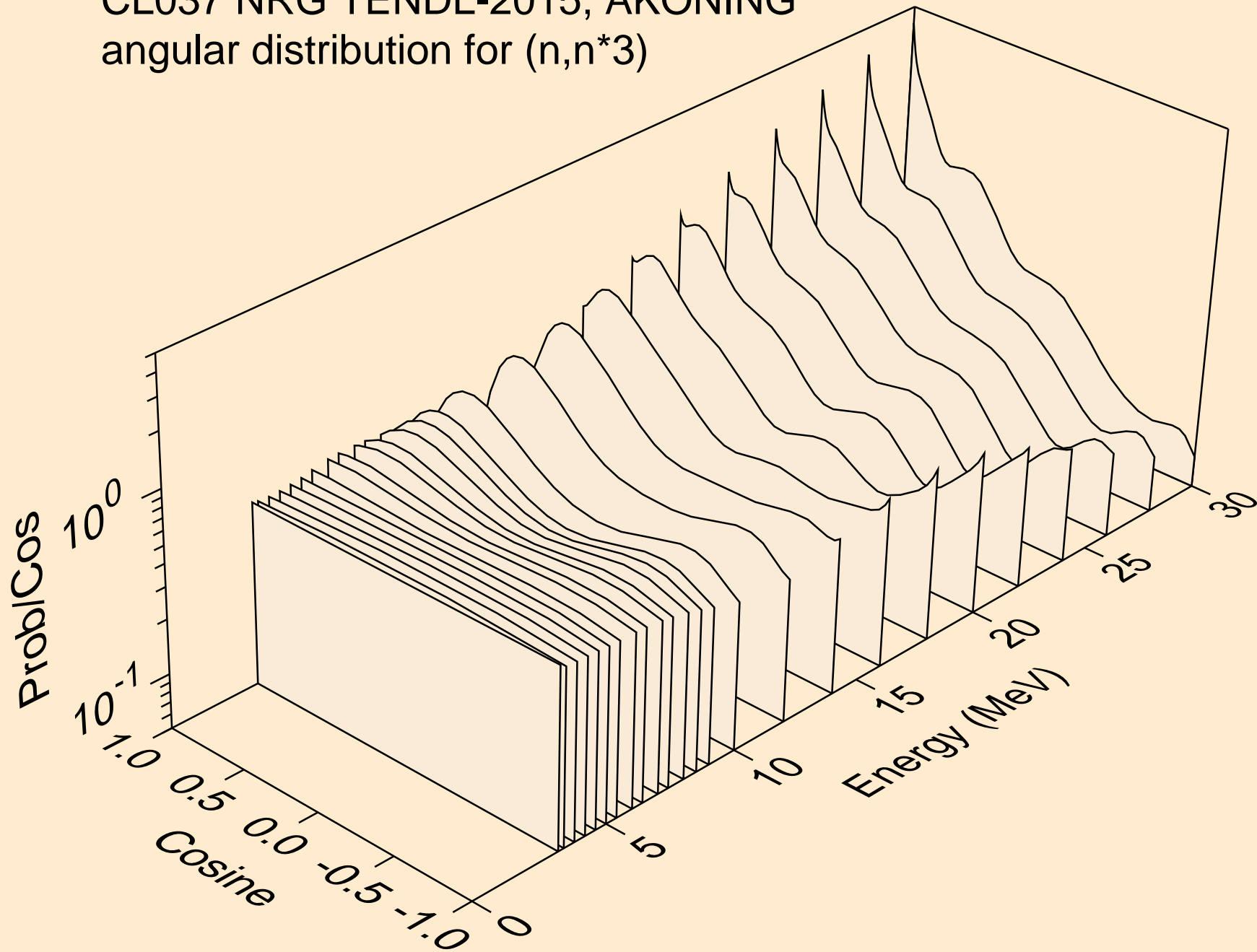
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



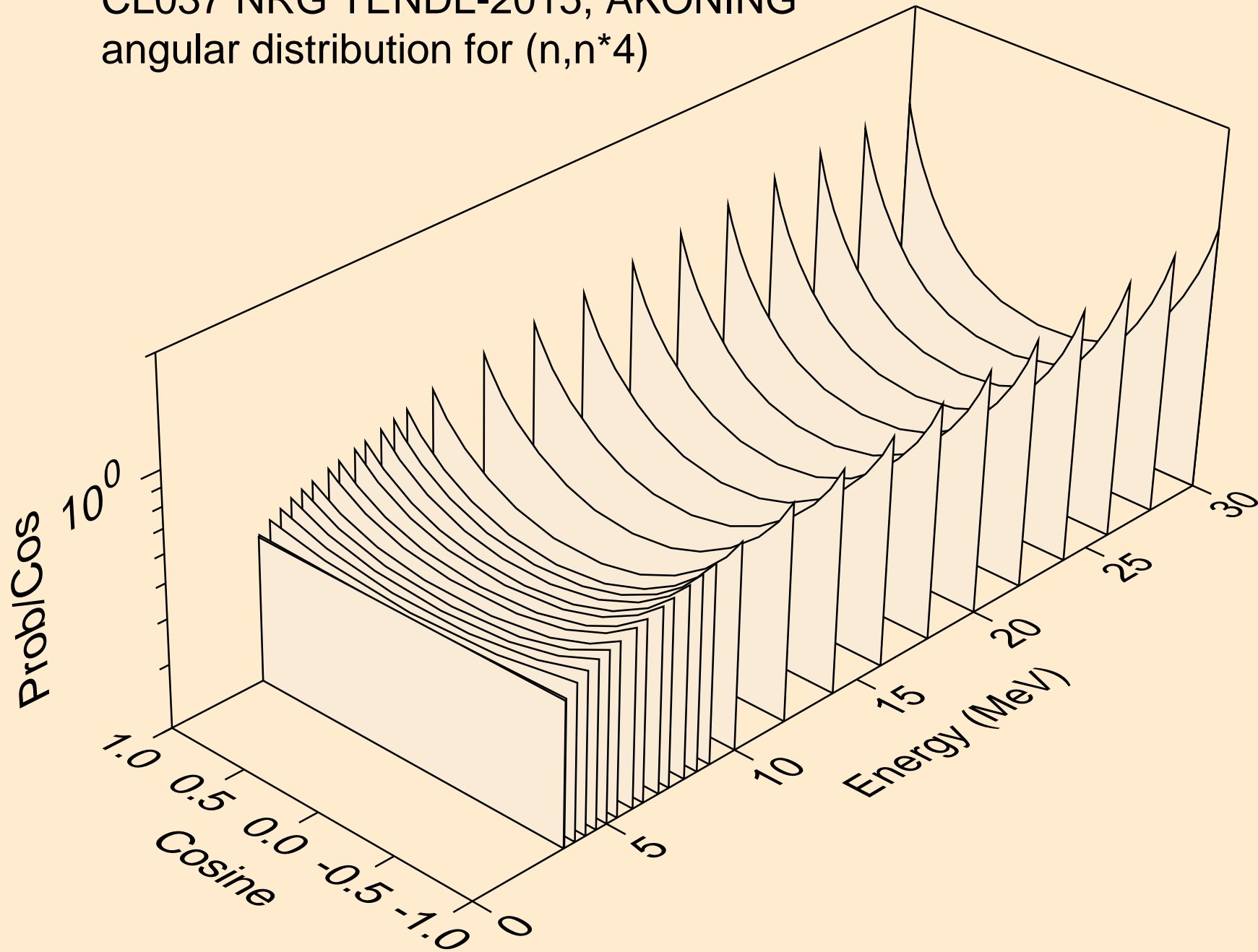
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



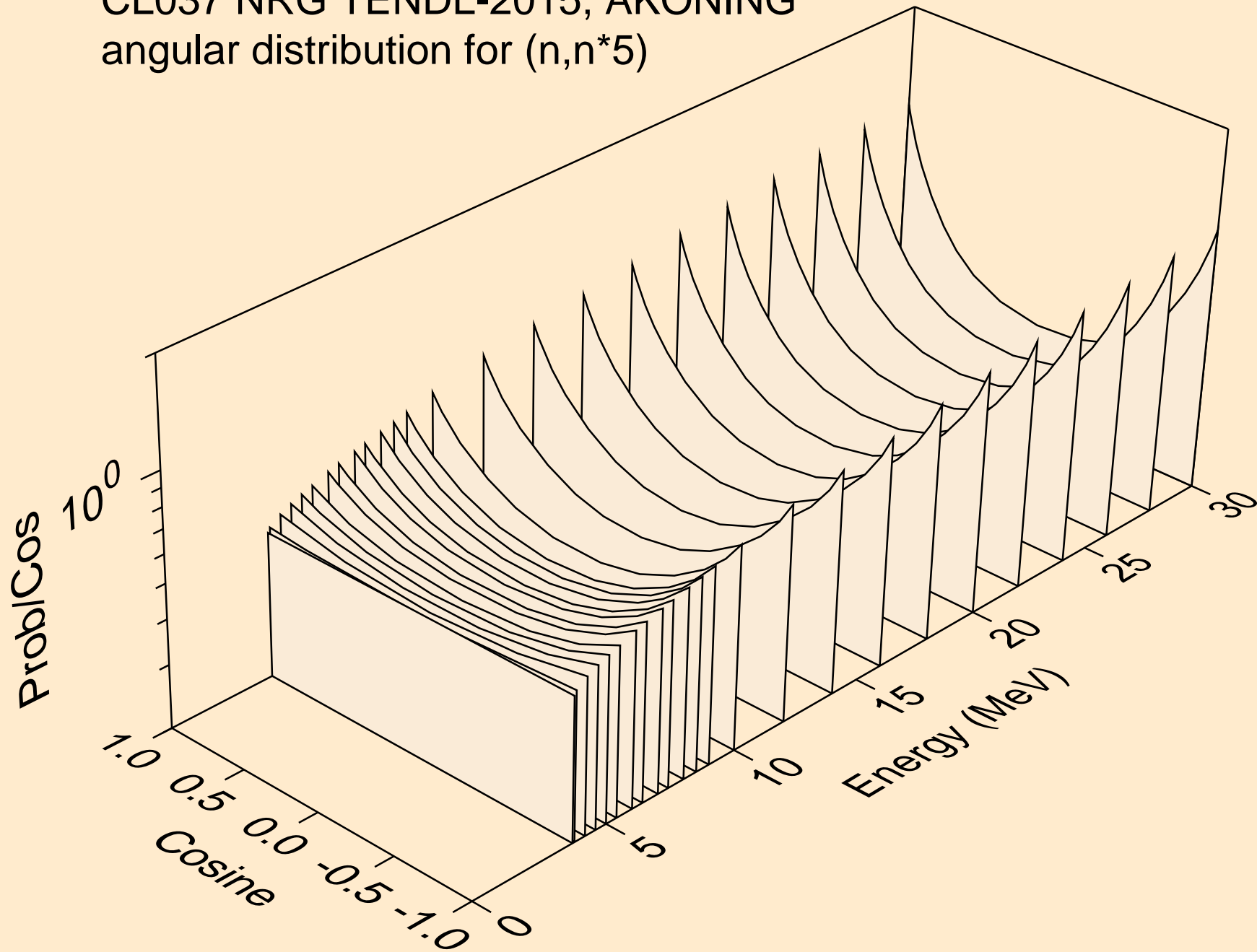
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



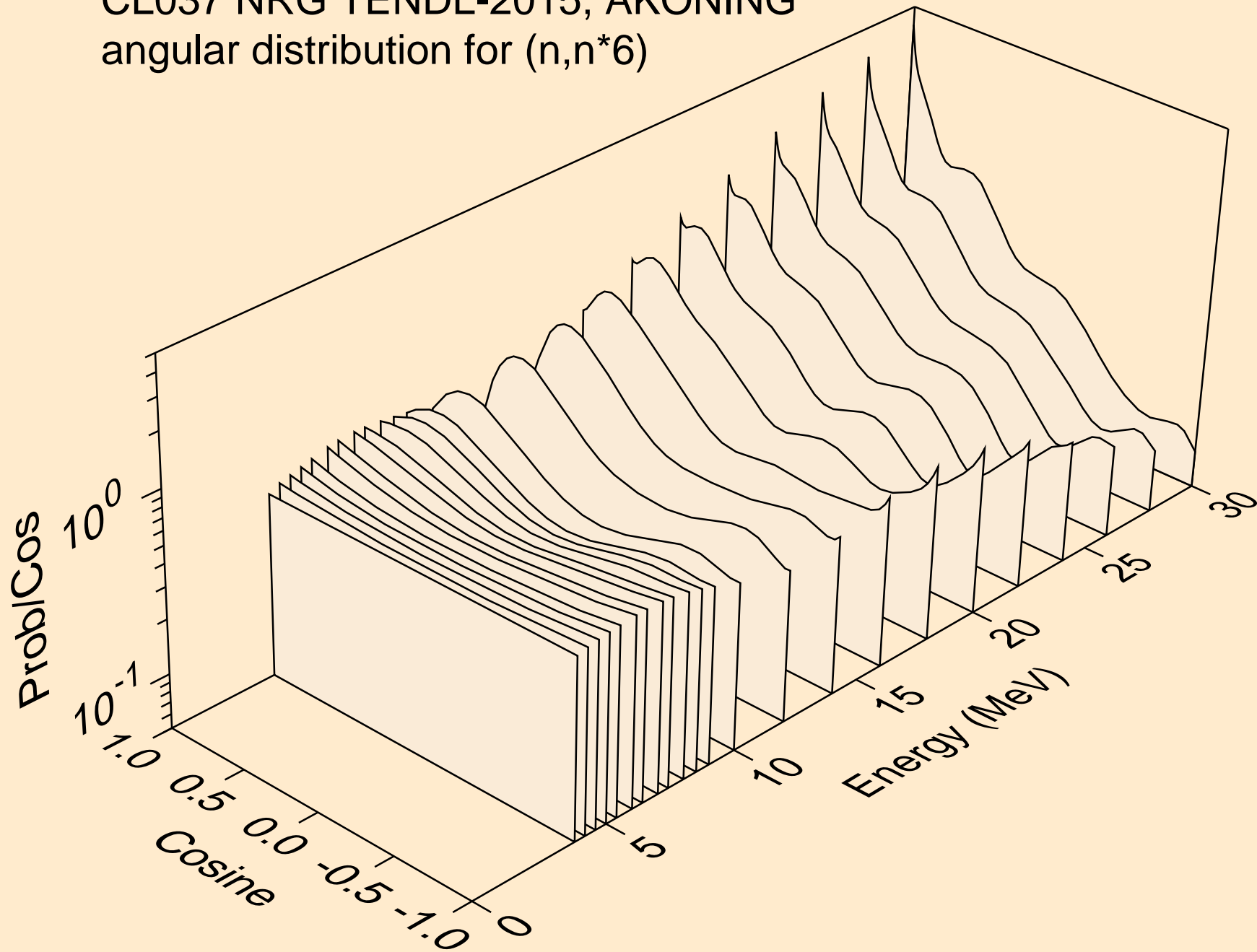
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



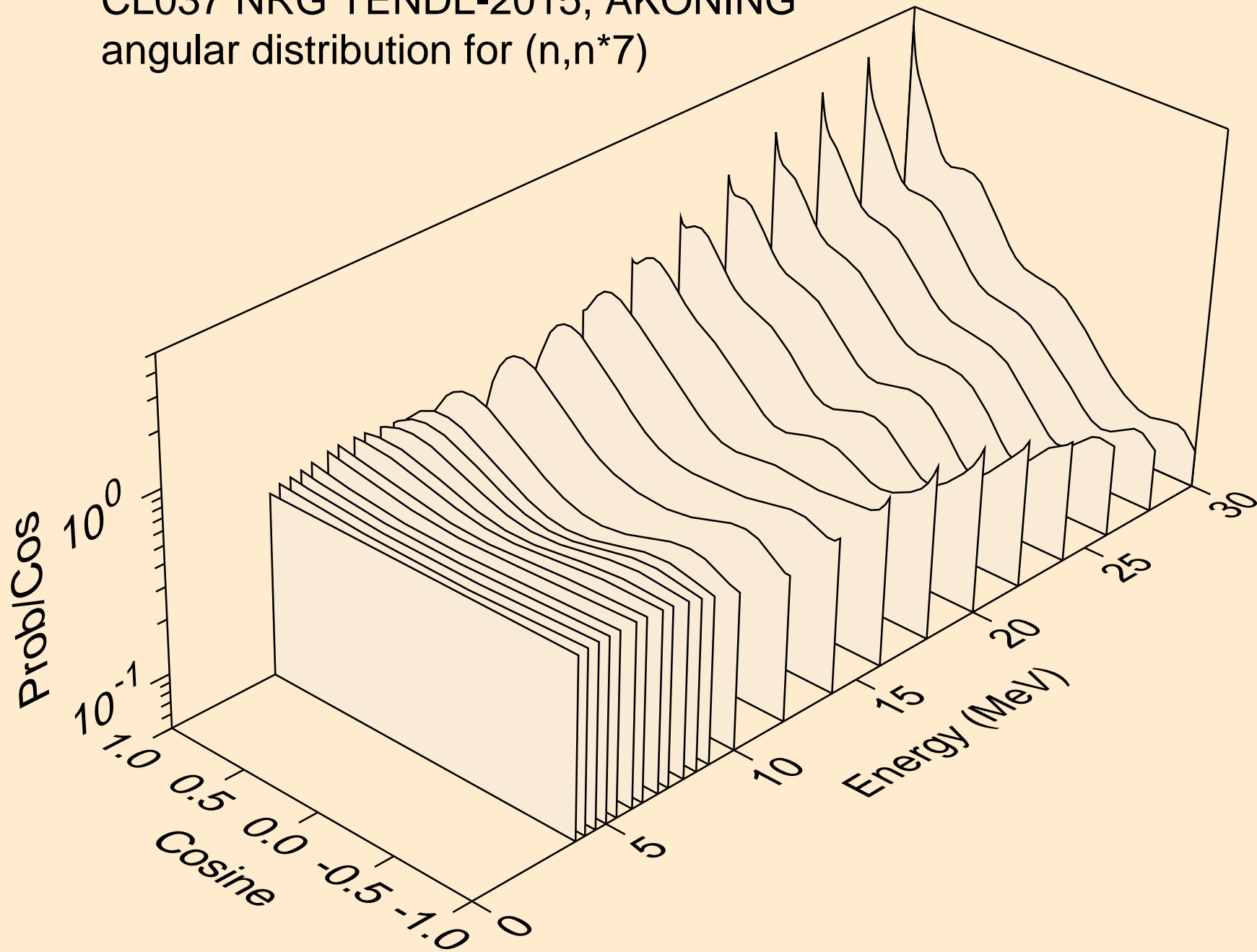
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

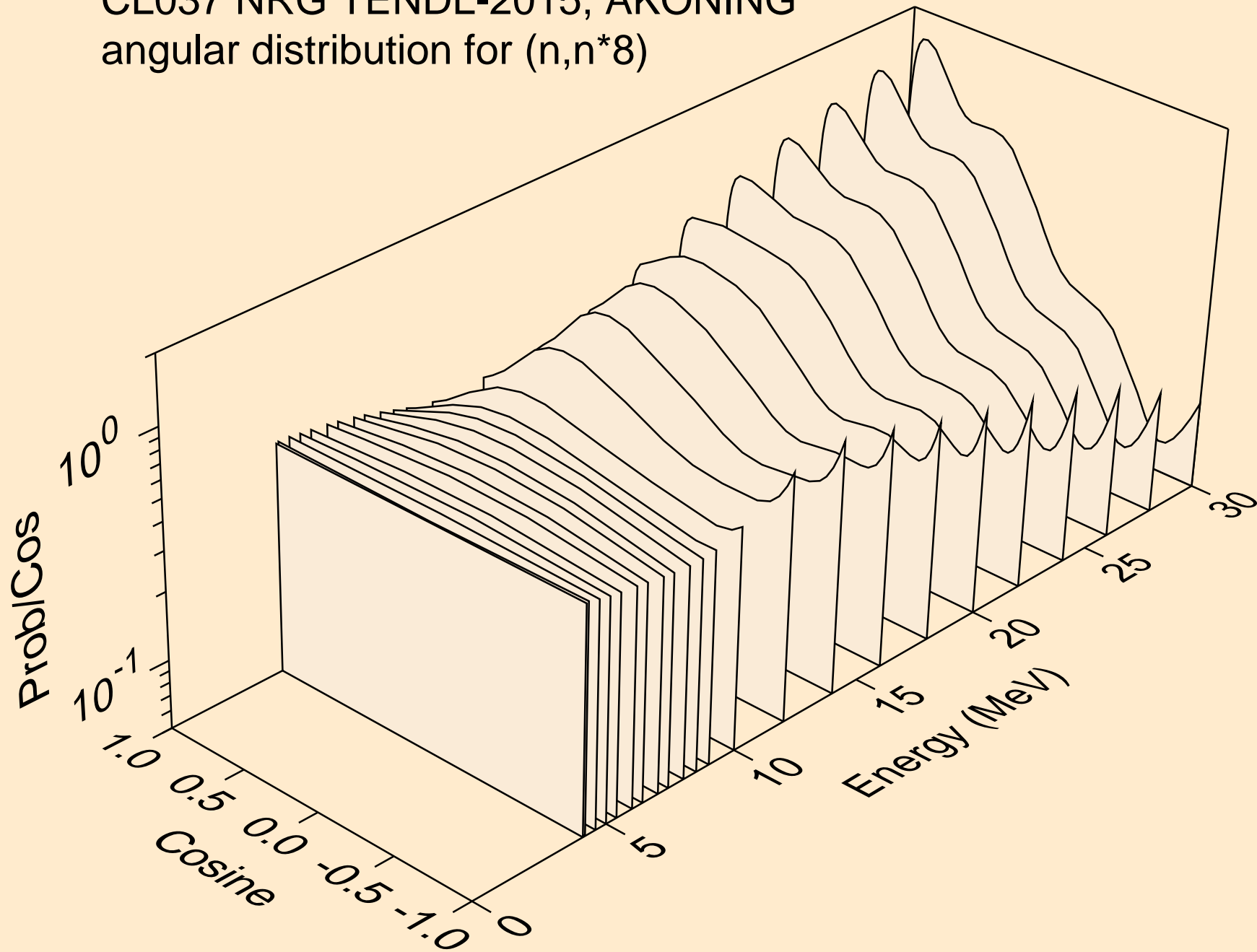


CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

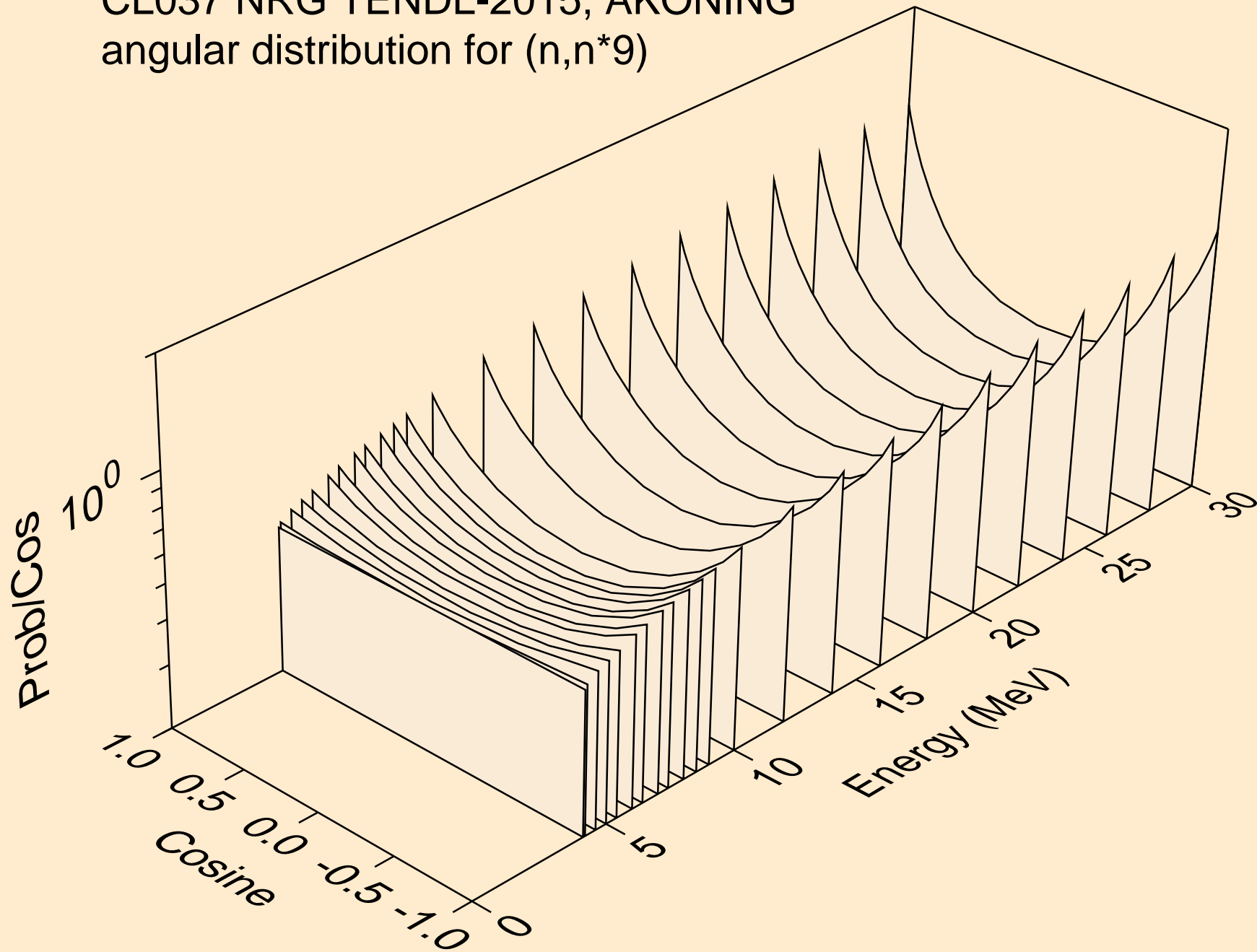




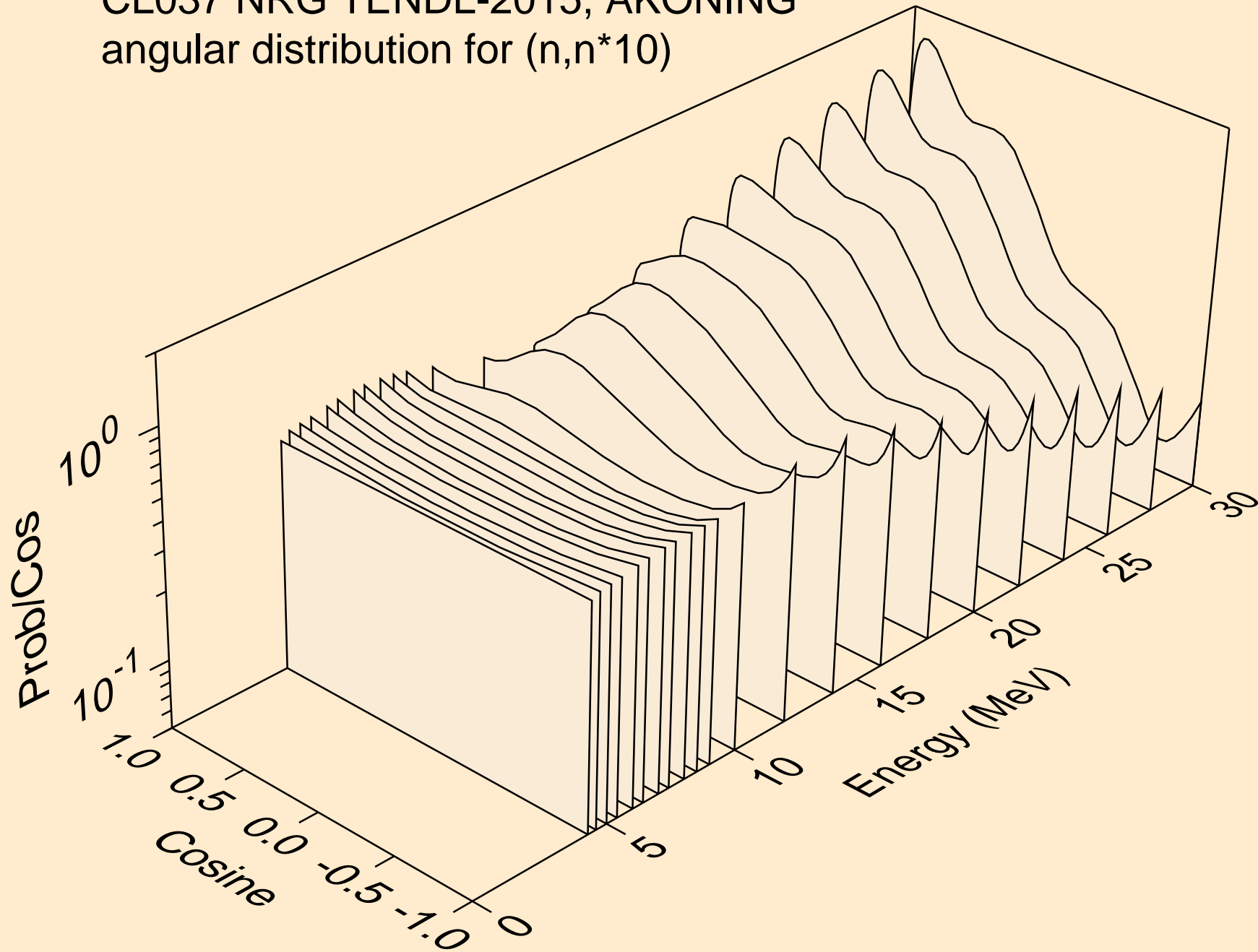
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



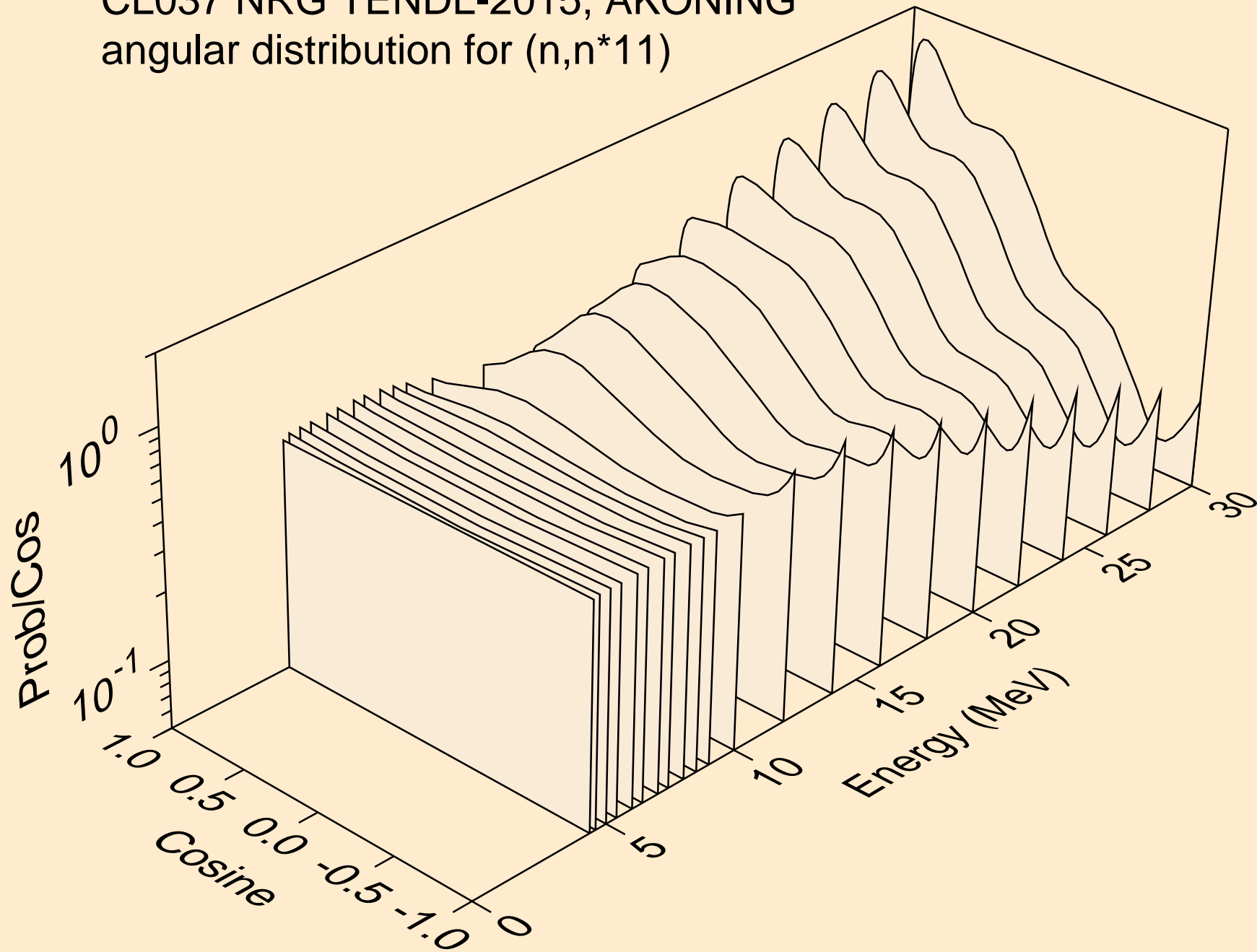
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



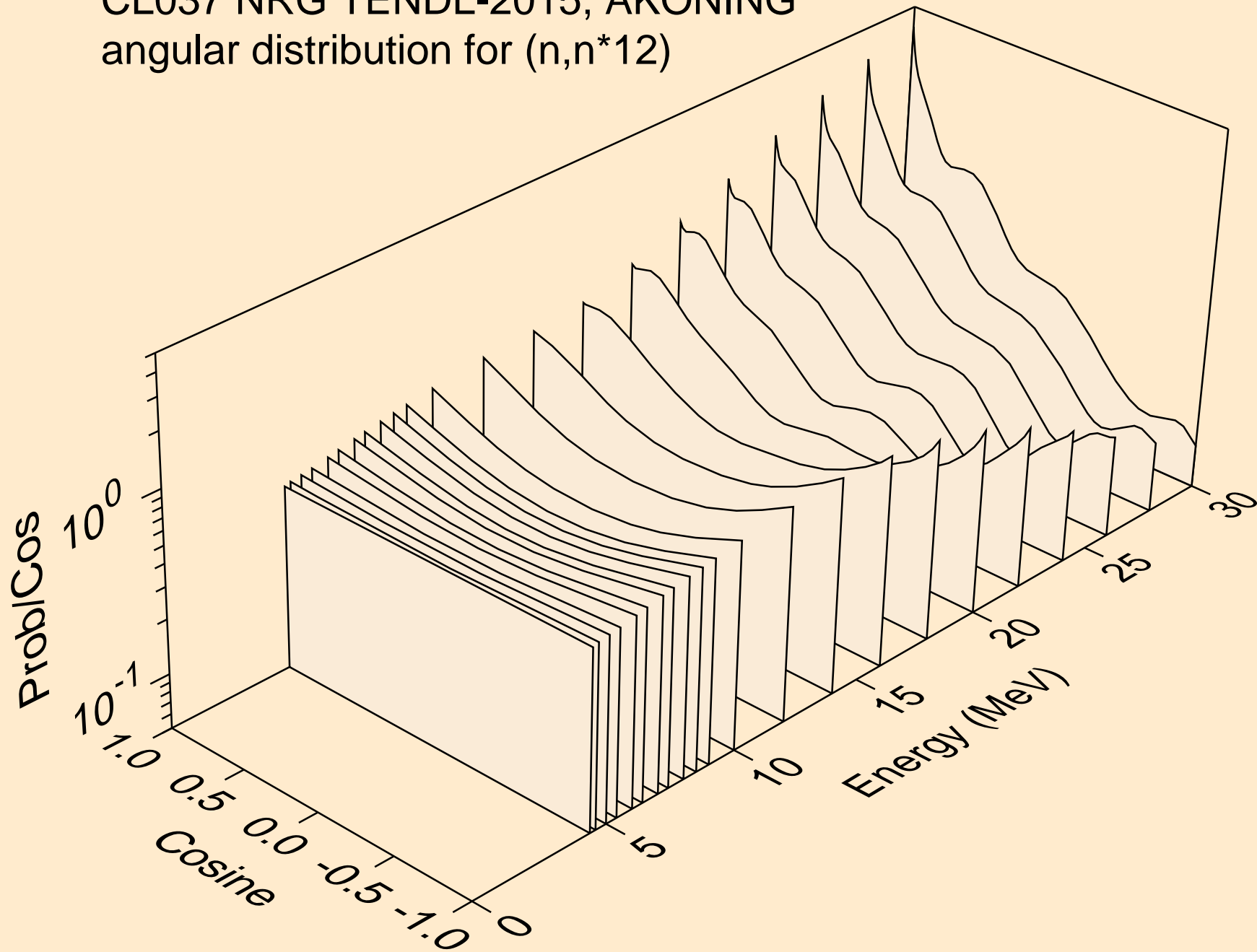
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



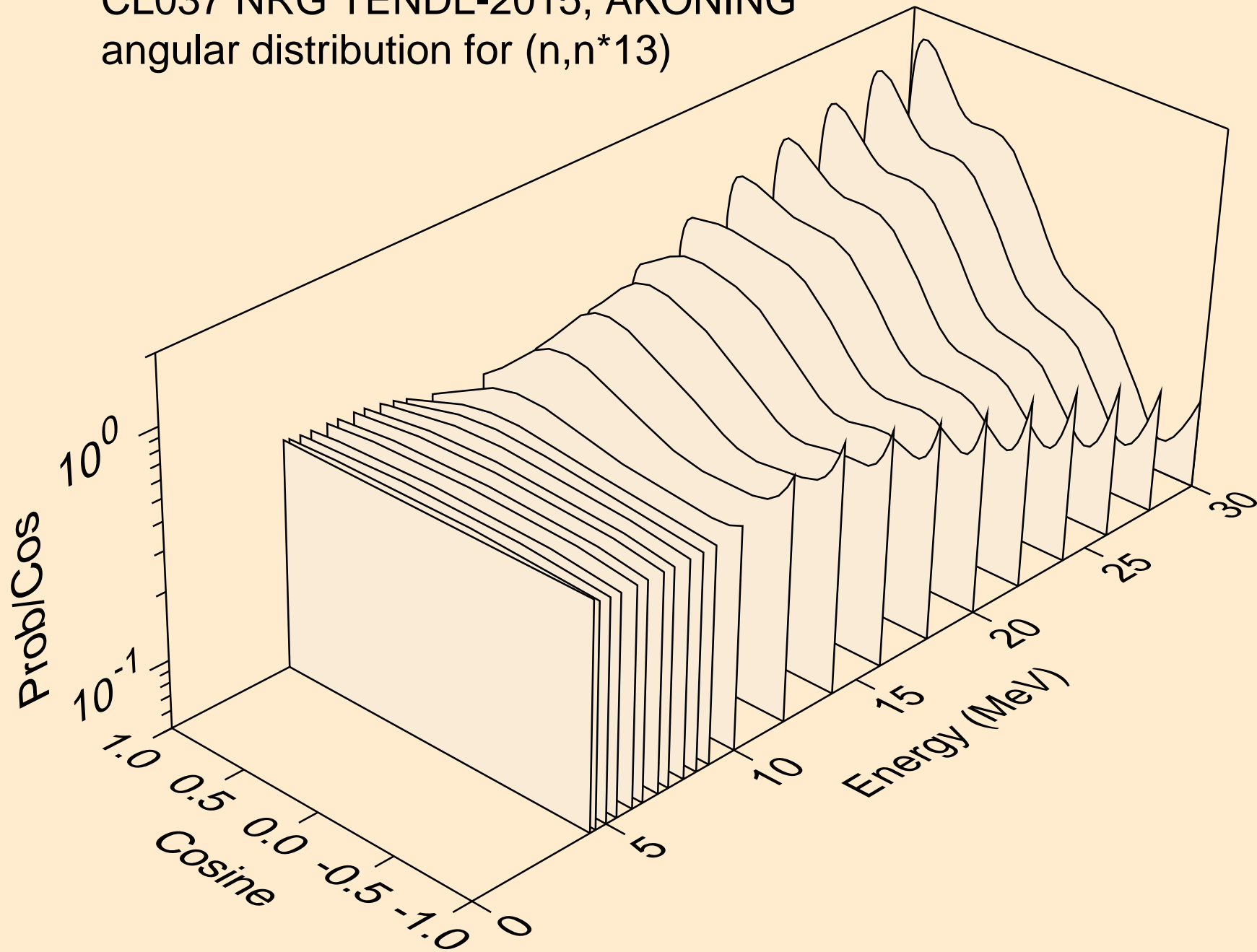
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



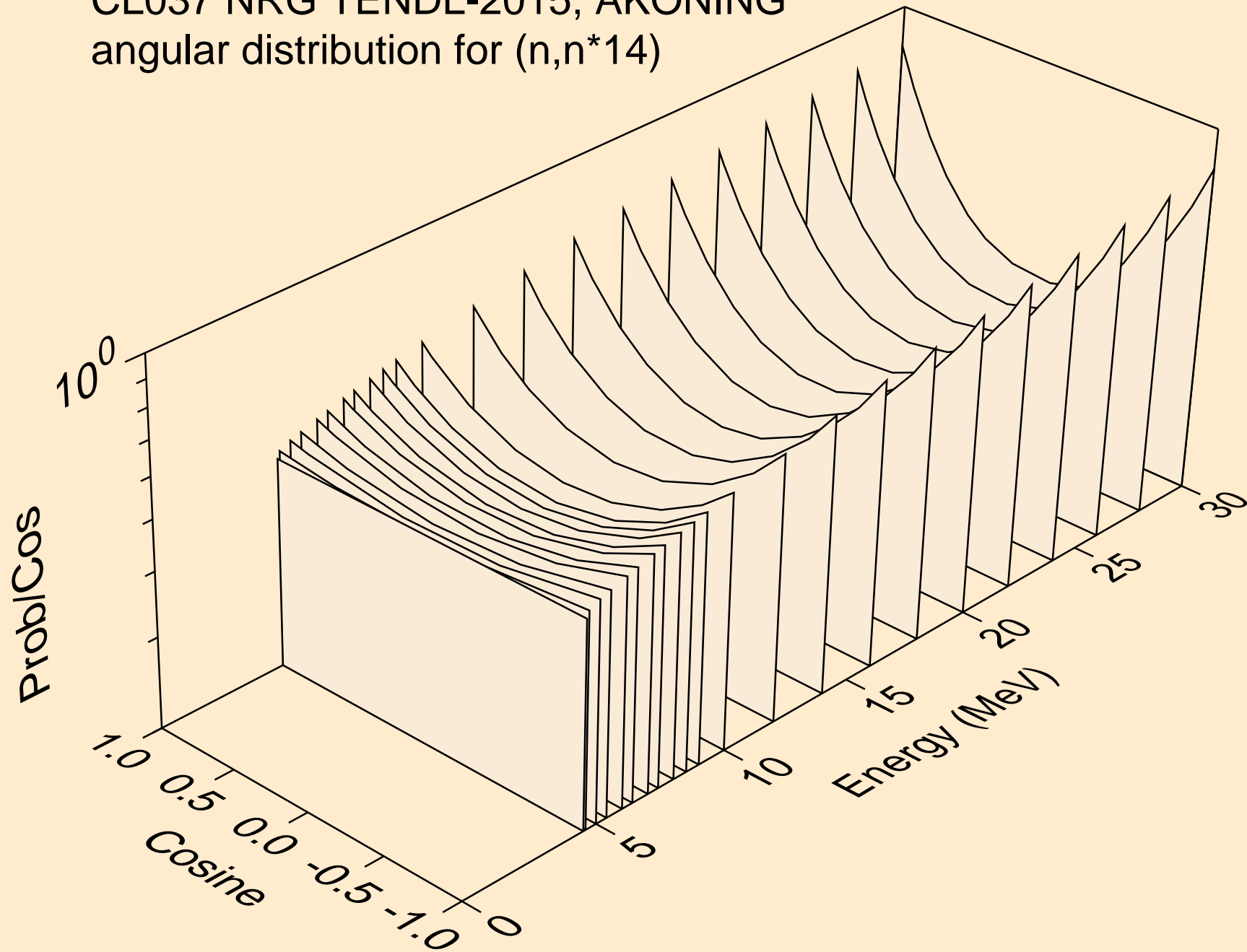
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



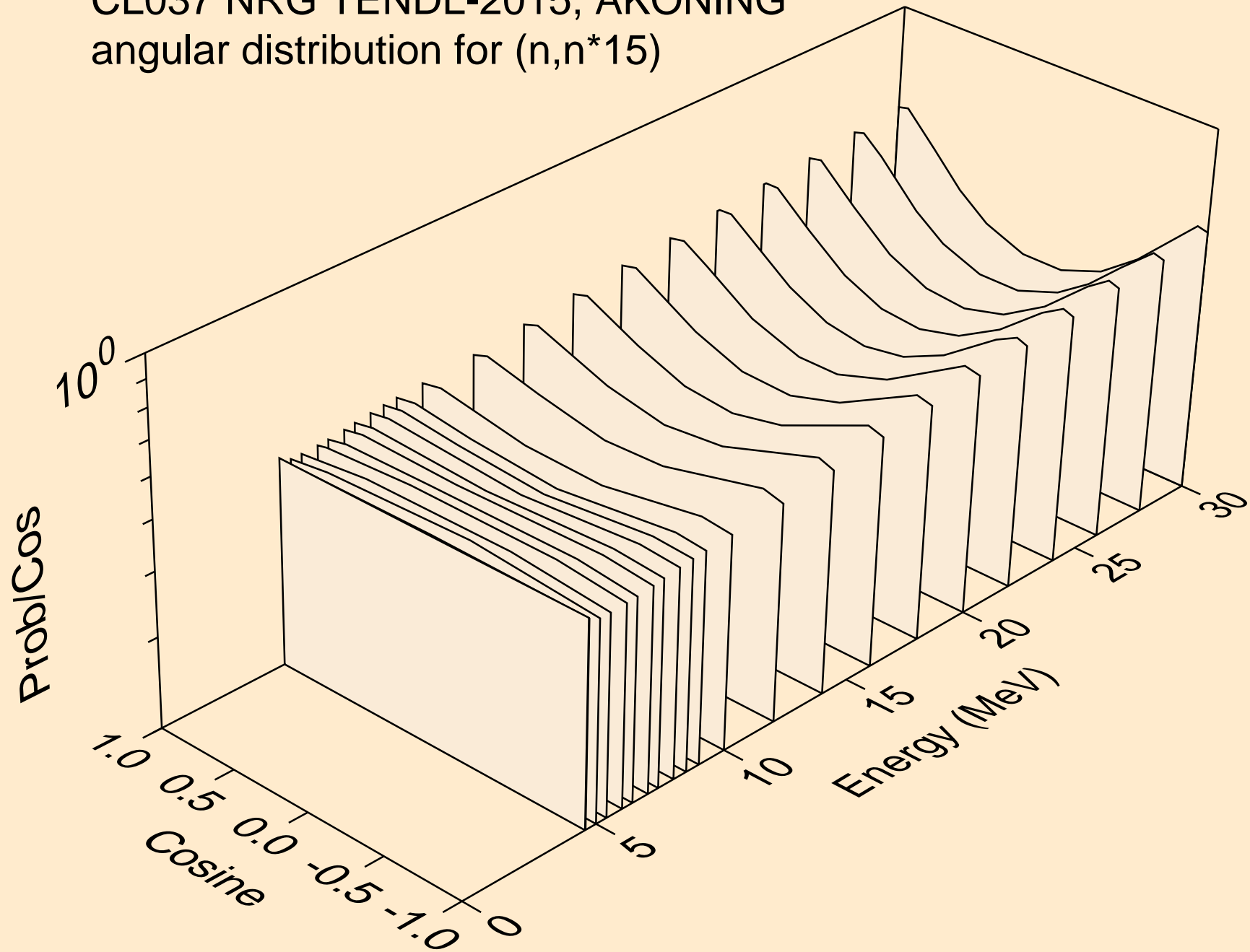
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

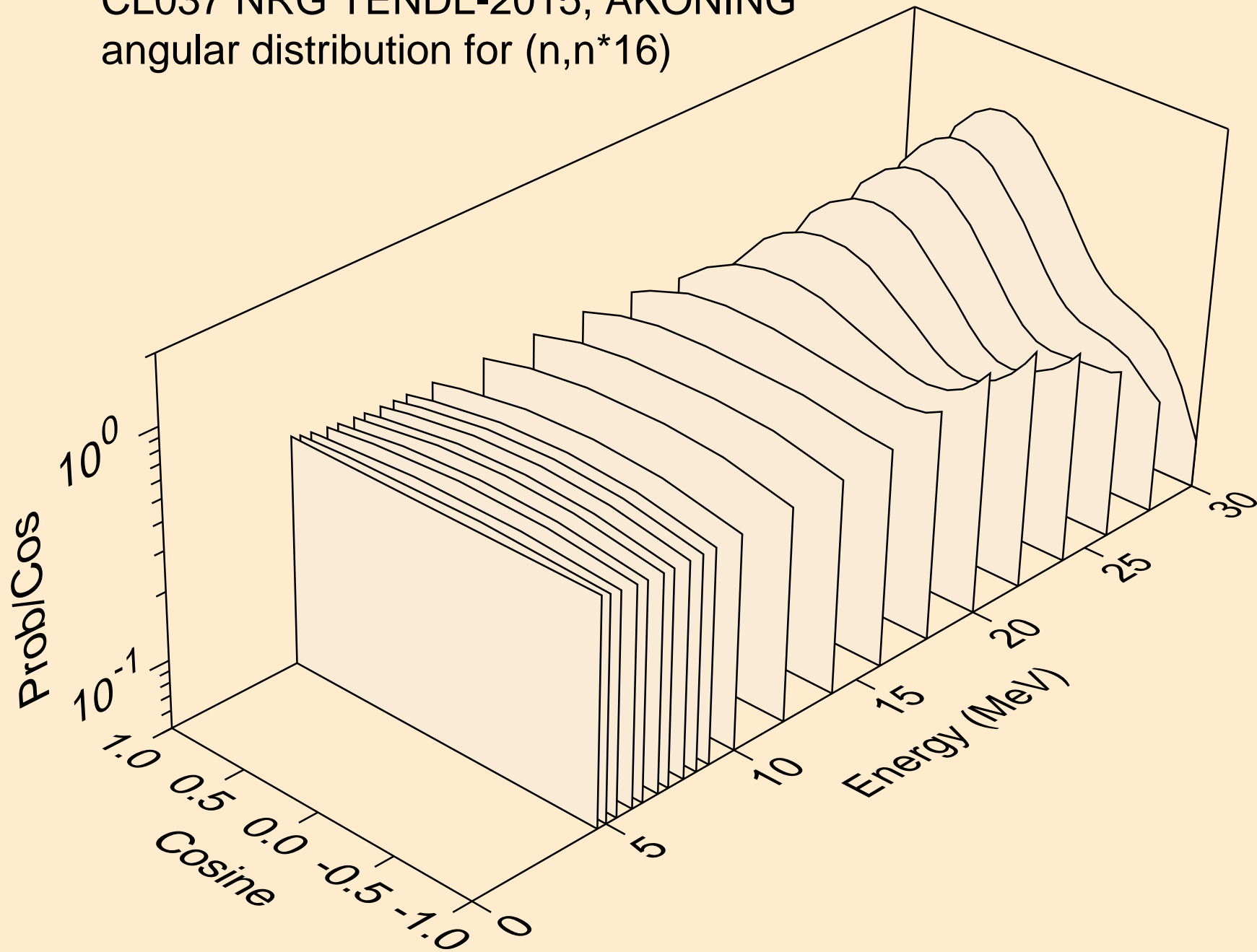


CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

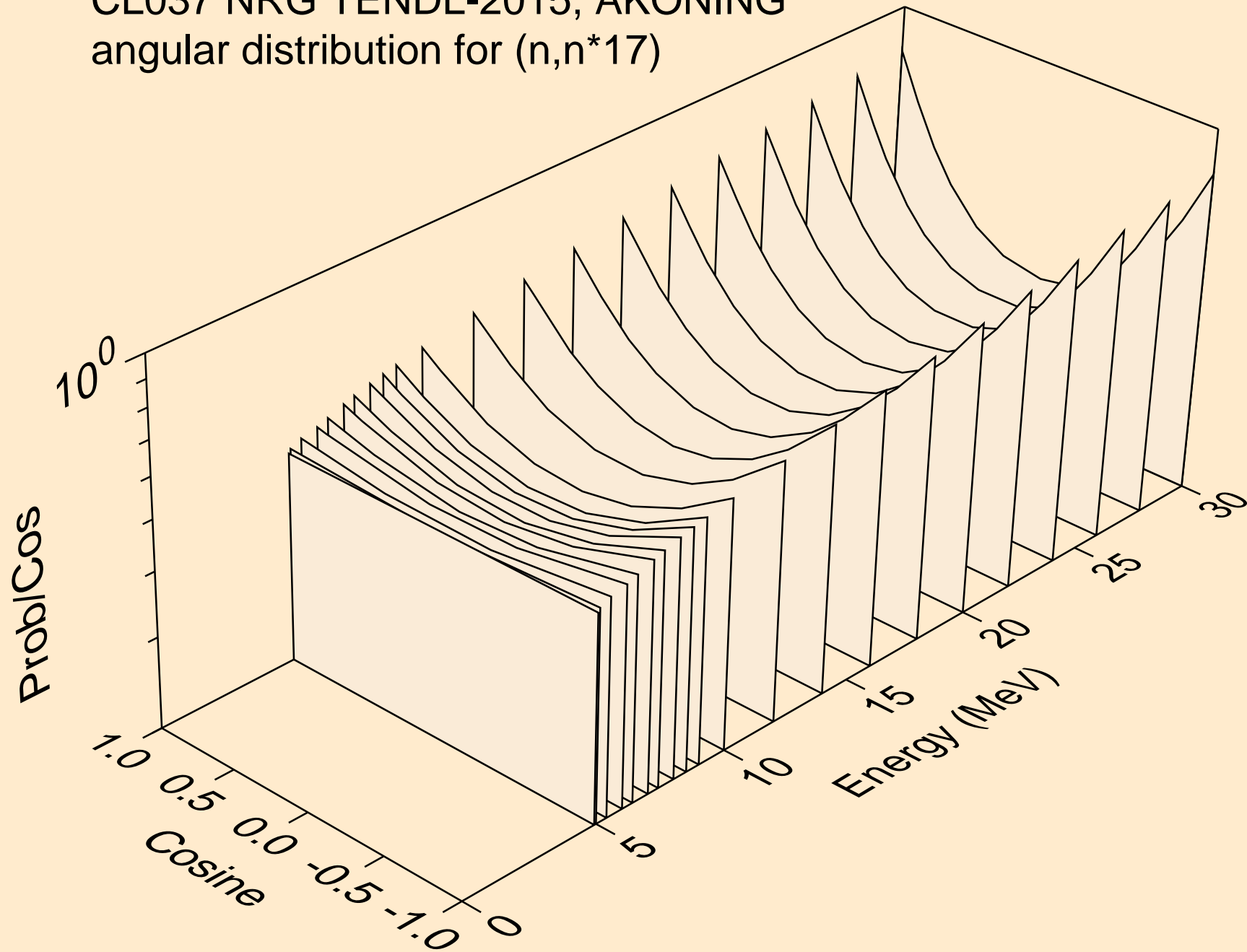




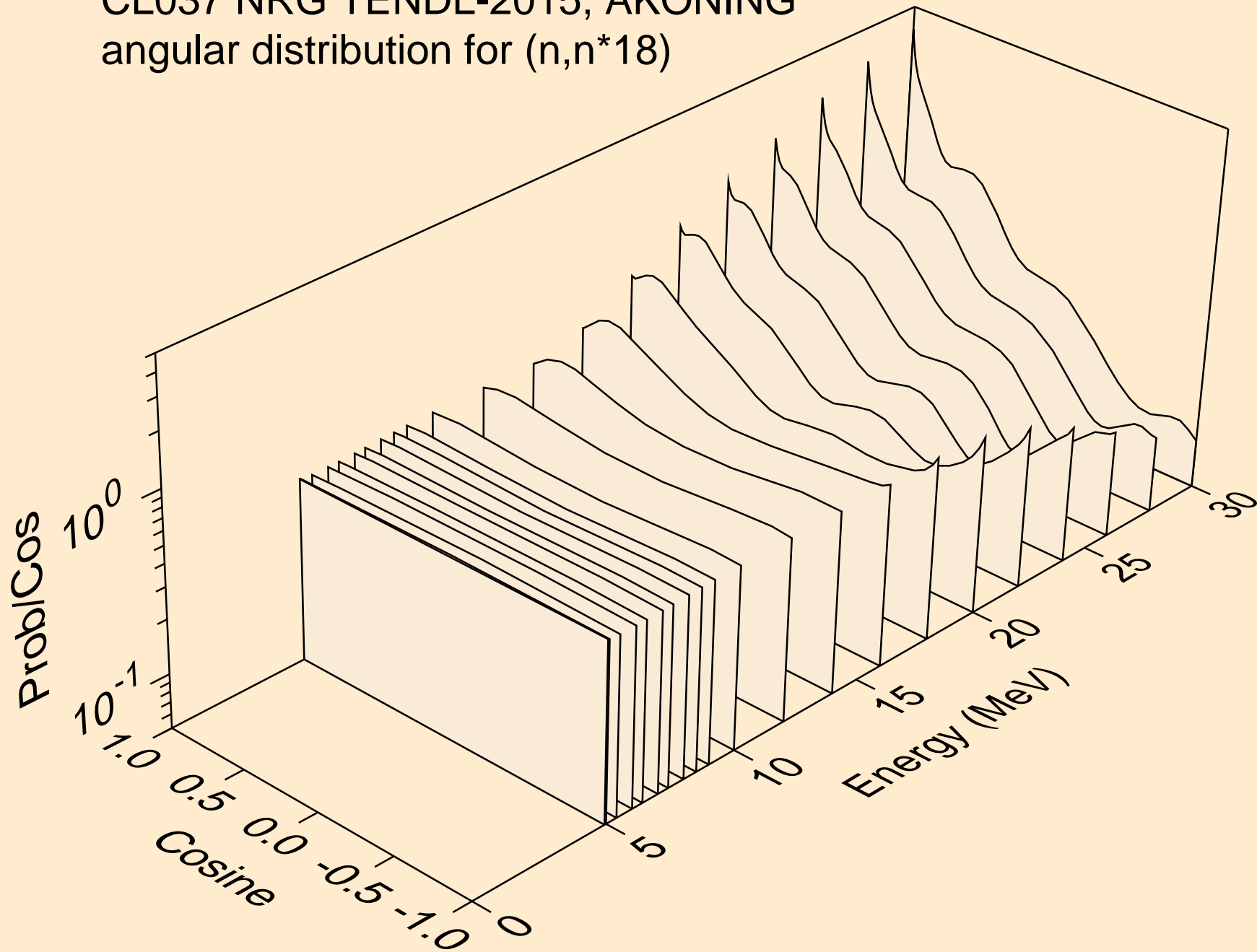
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



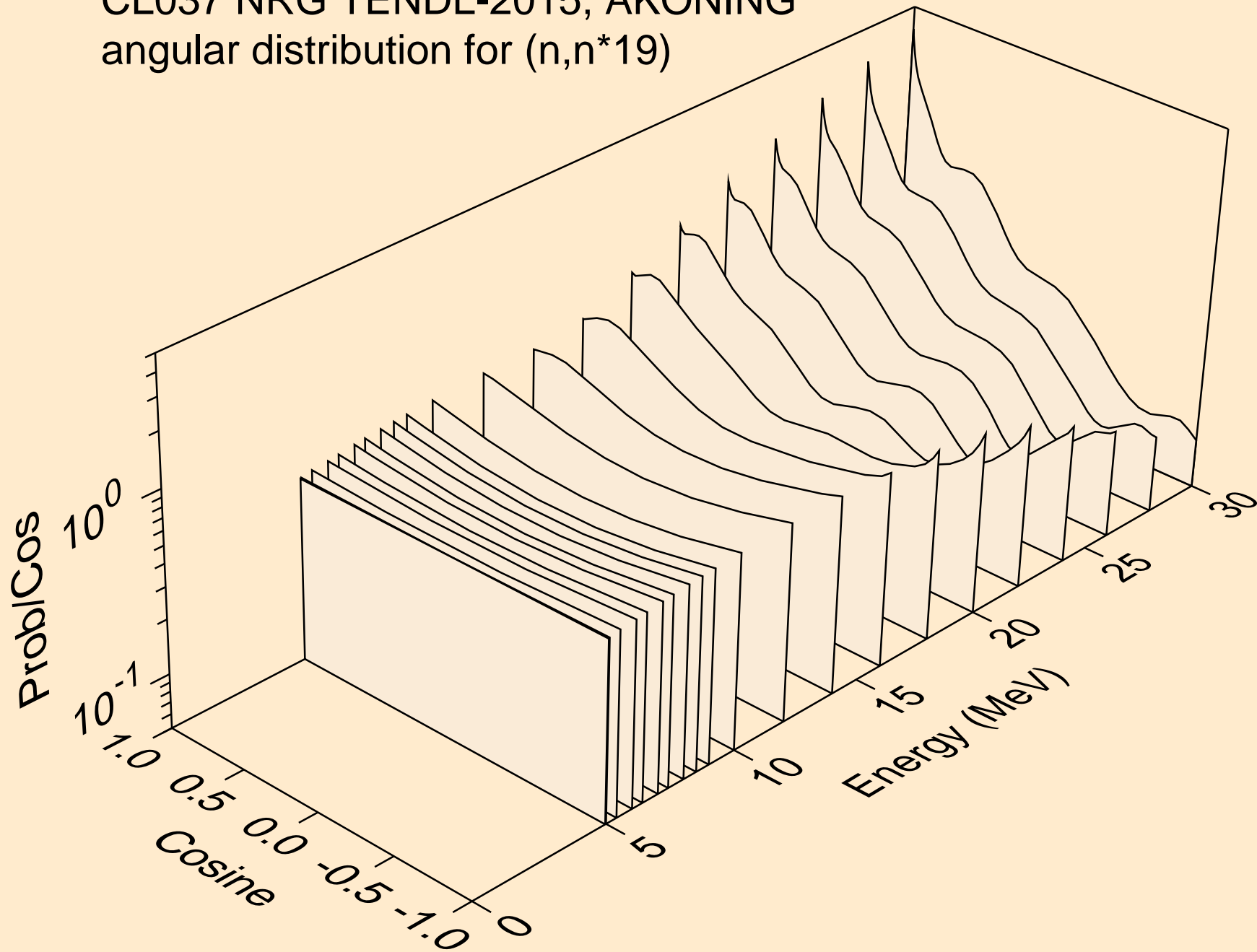
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



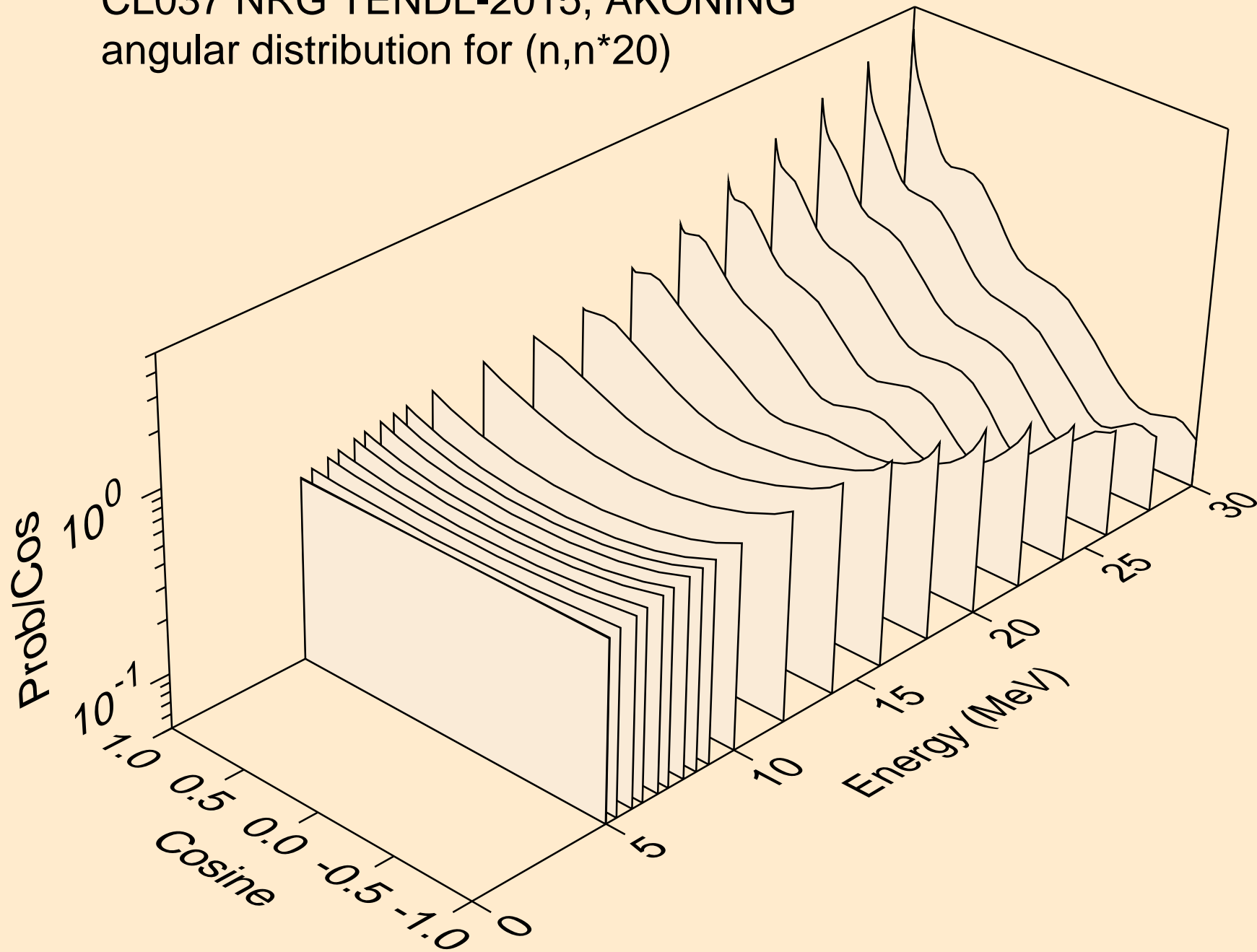
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



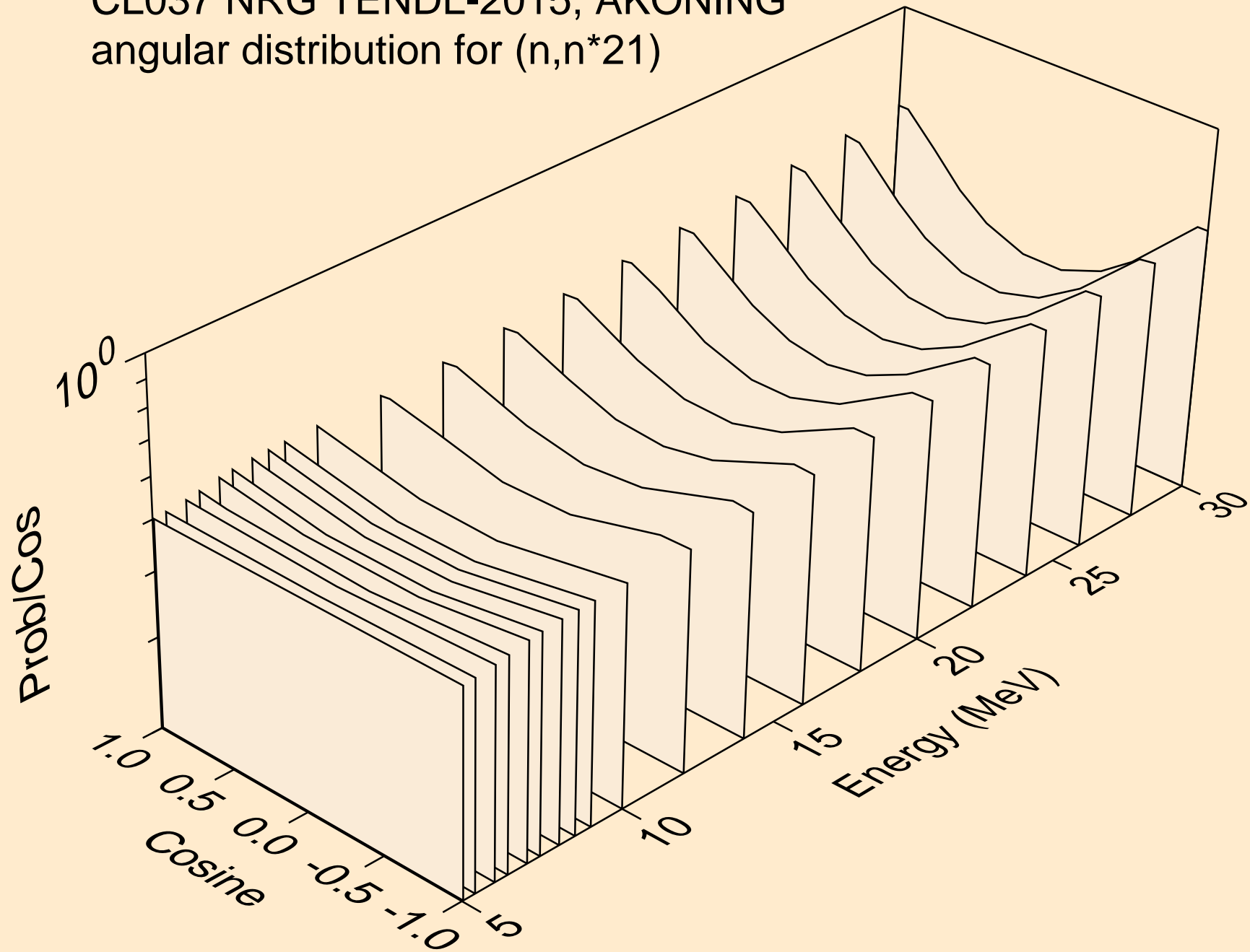
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



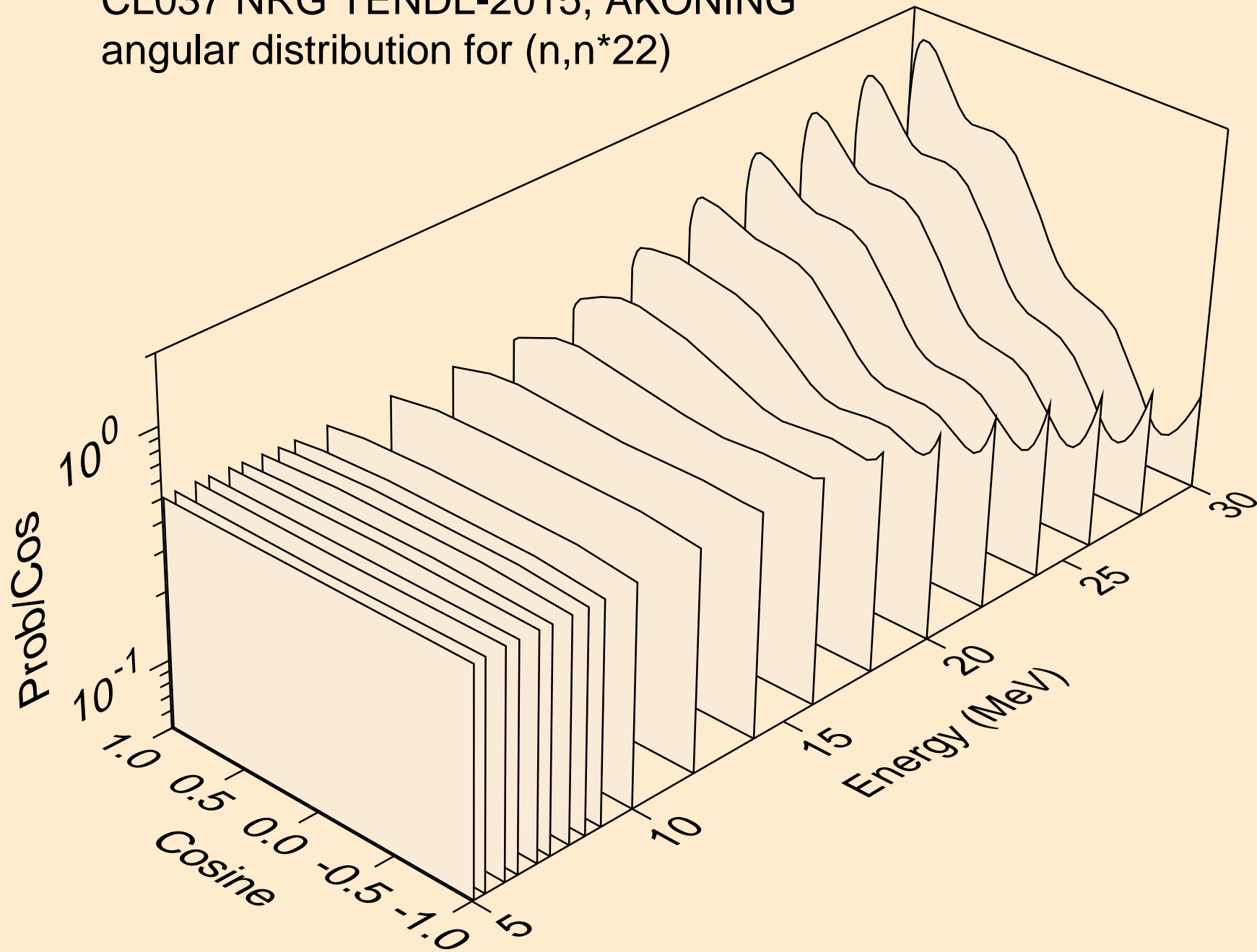
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



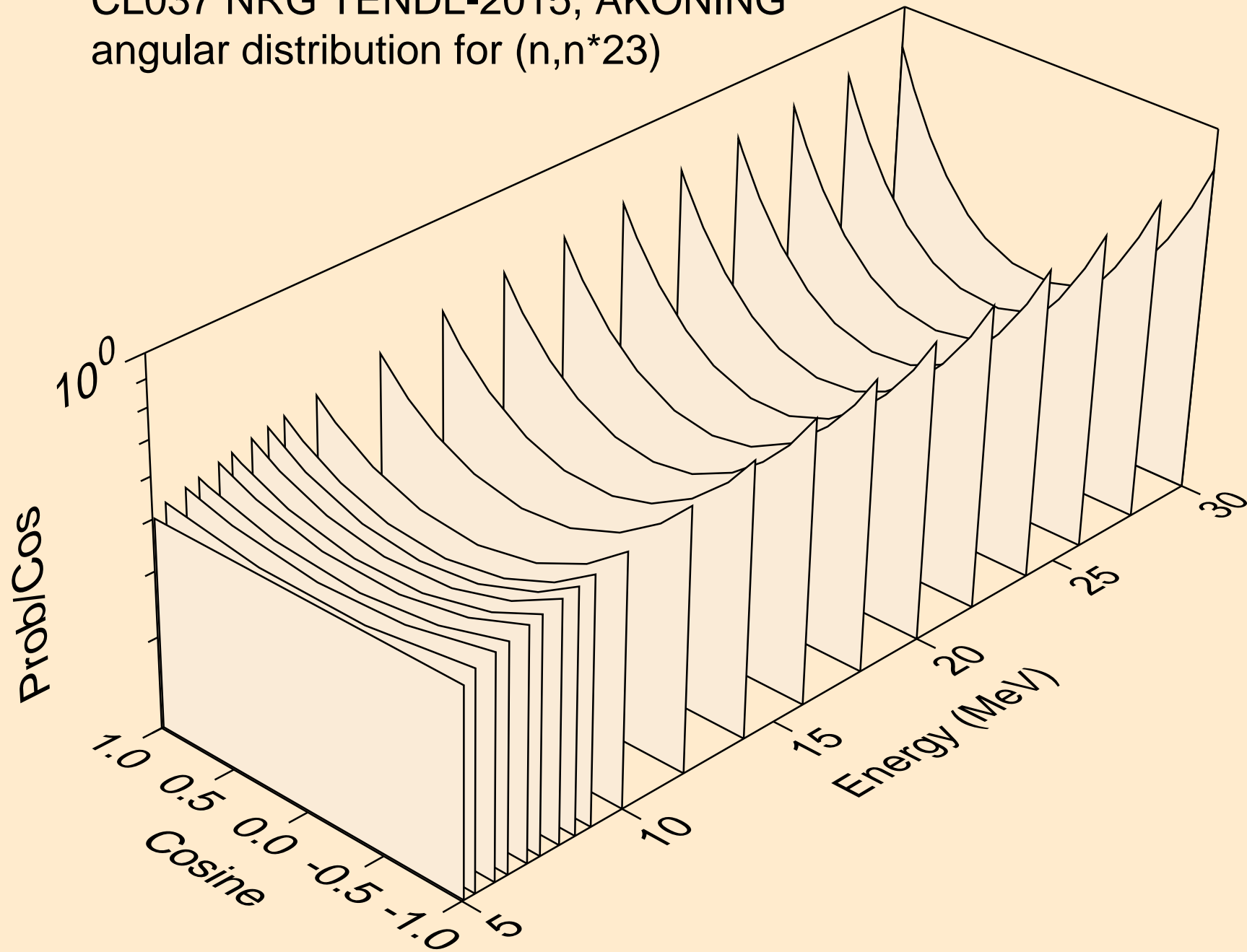
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

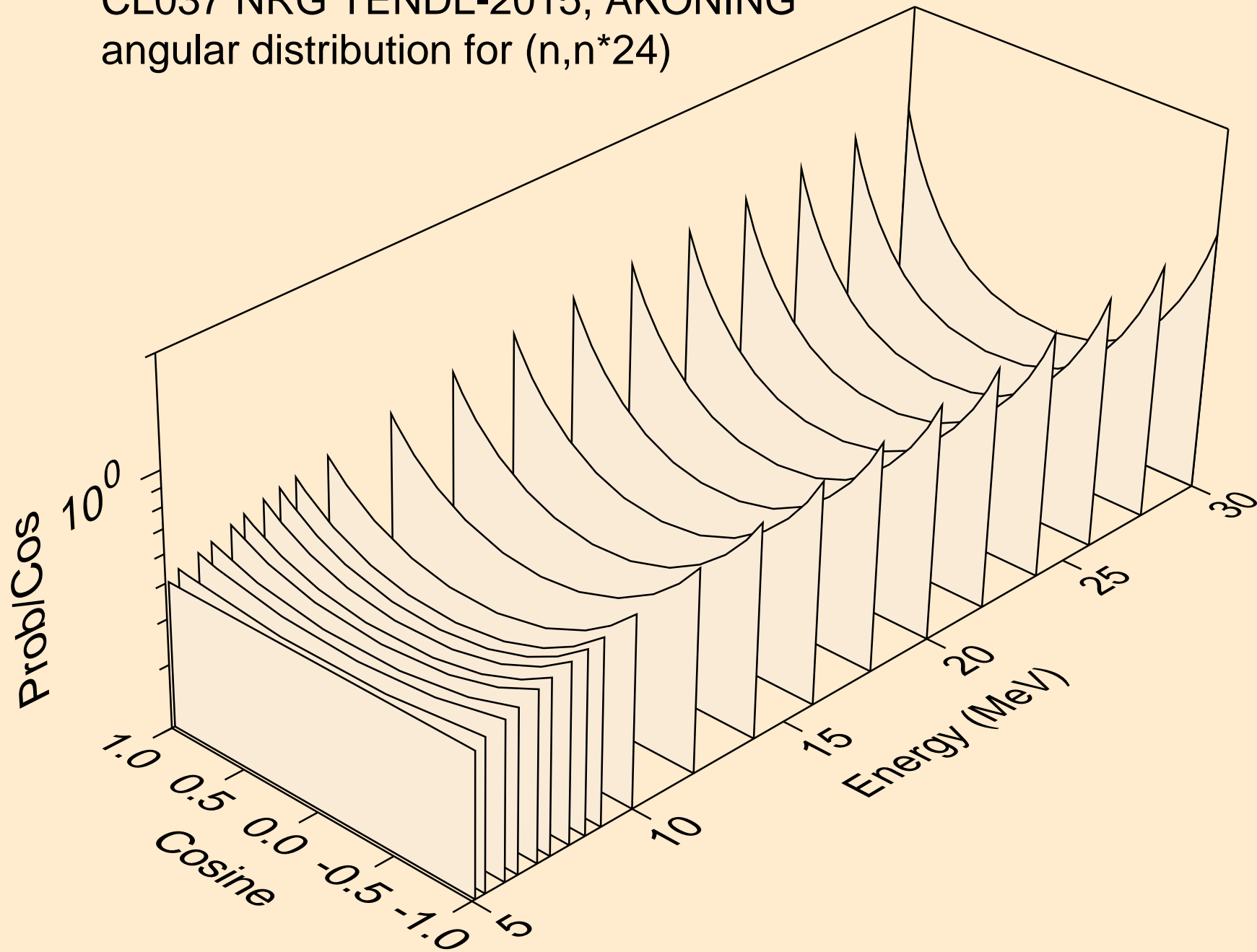


CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

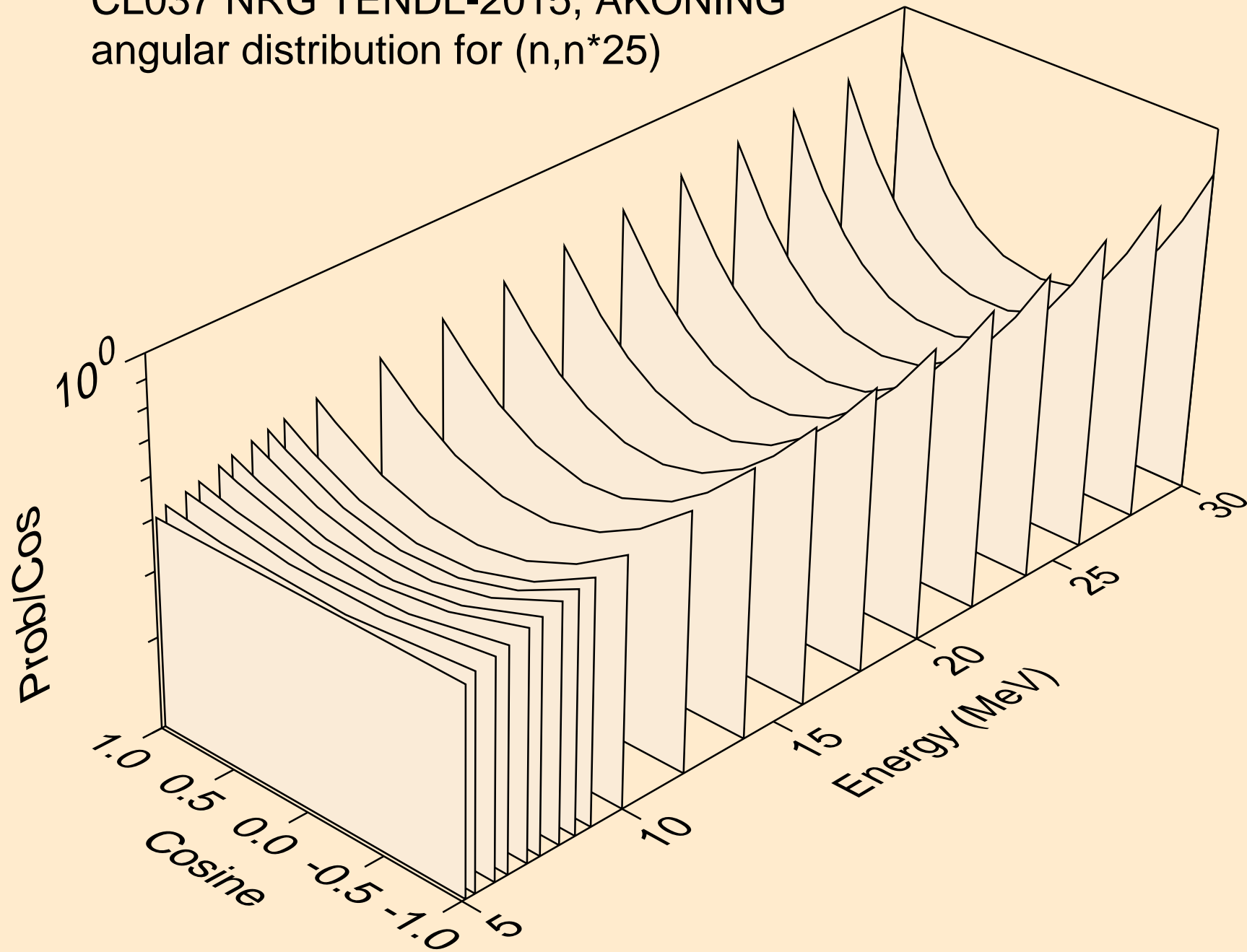




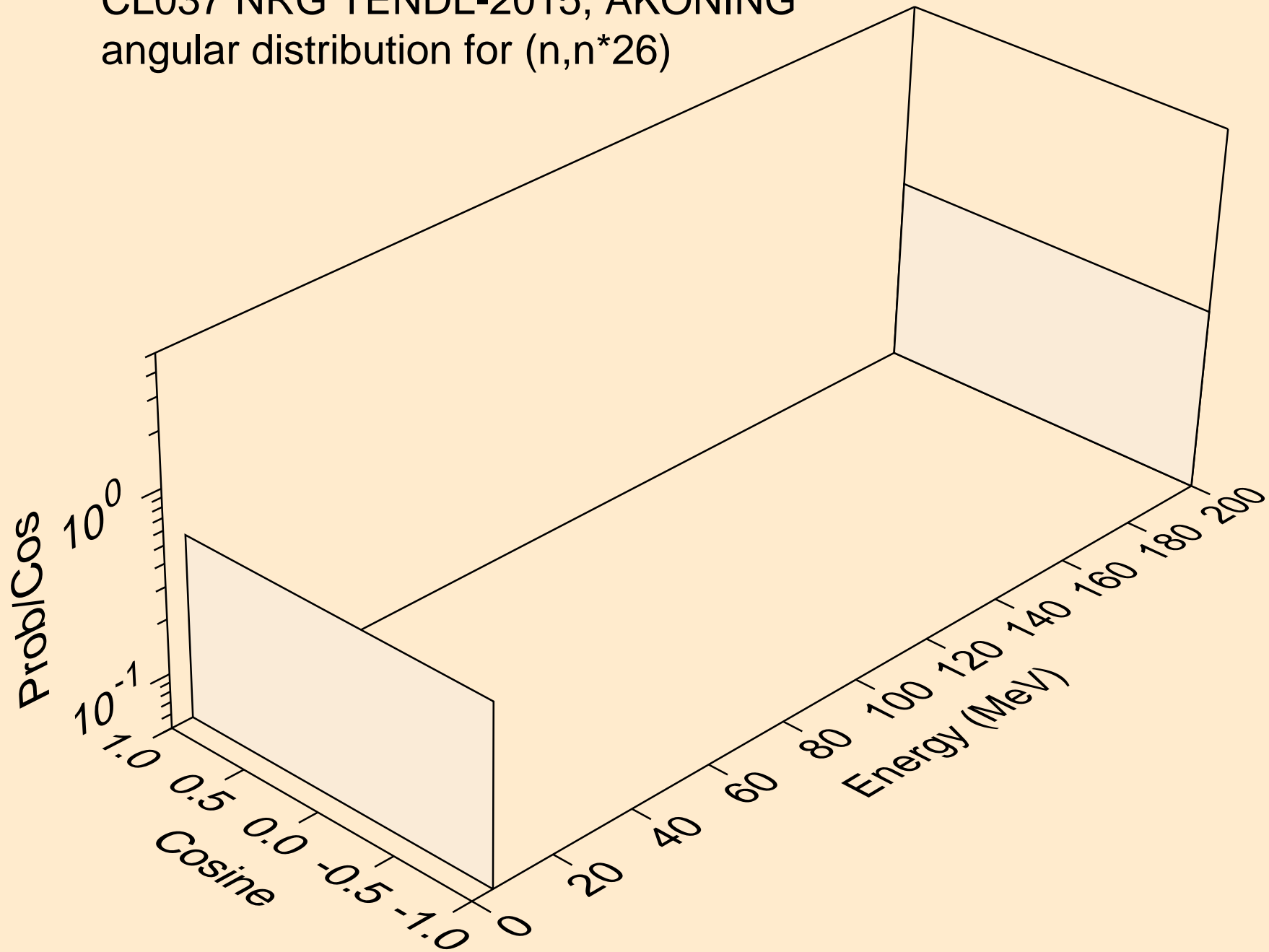
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



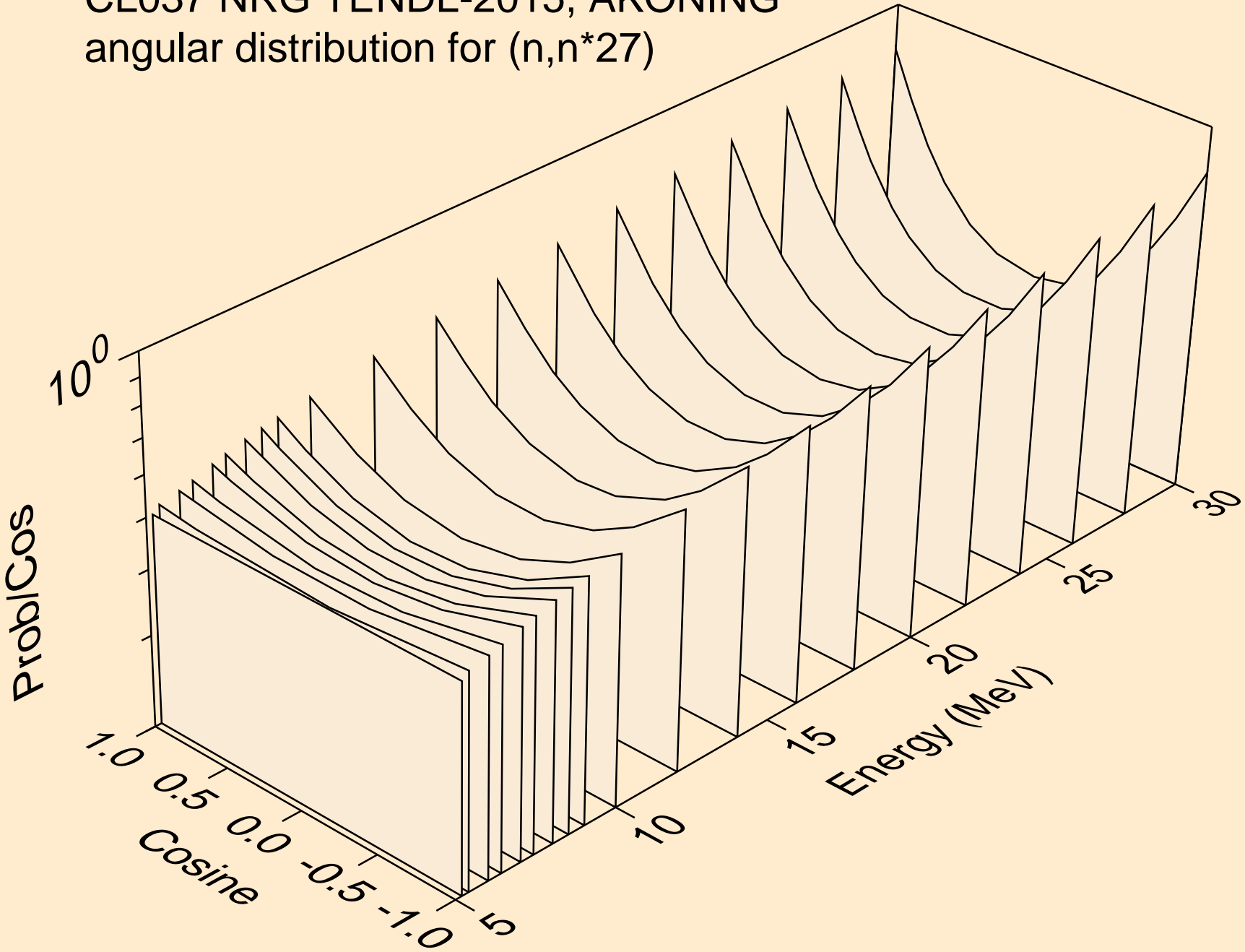
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



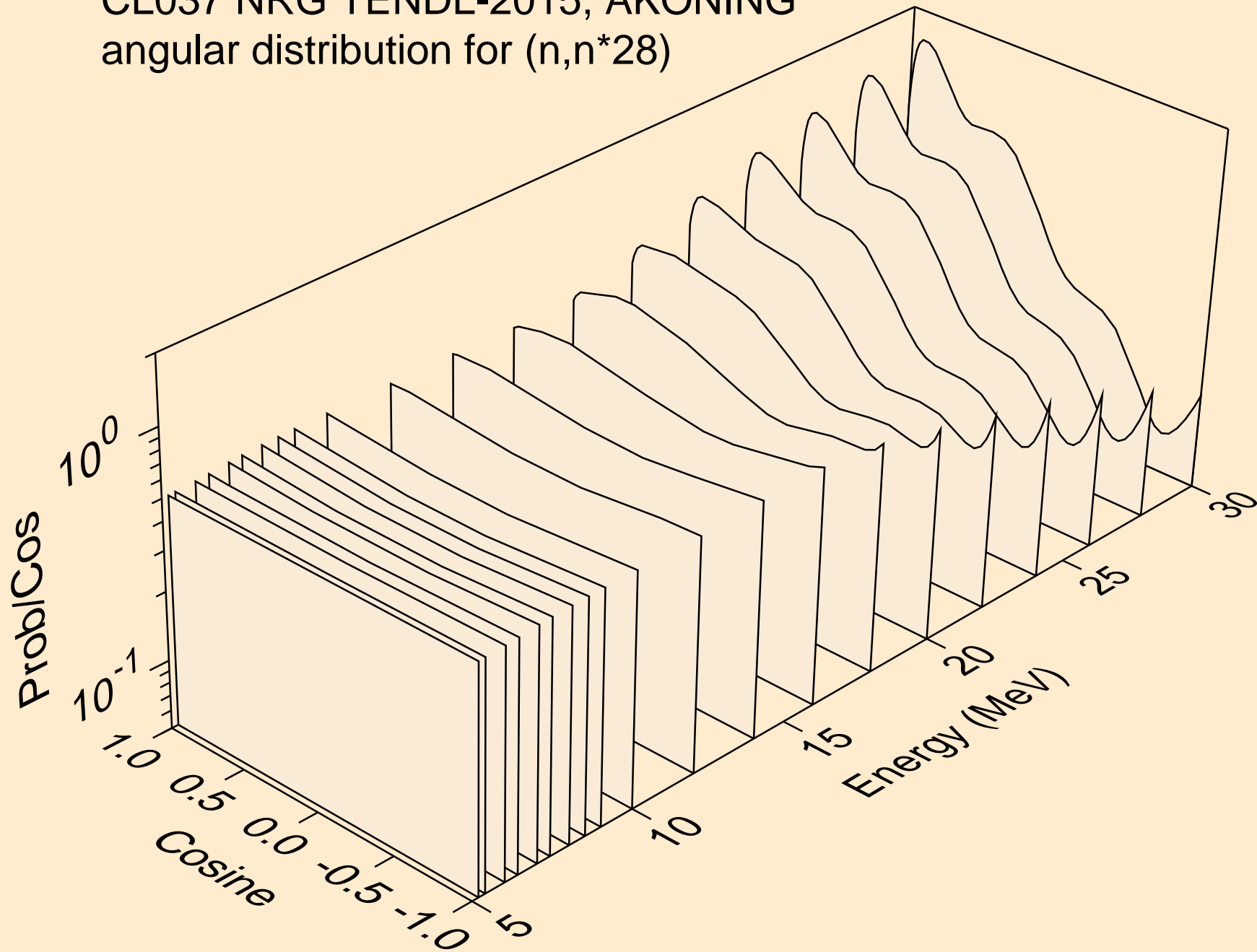
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



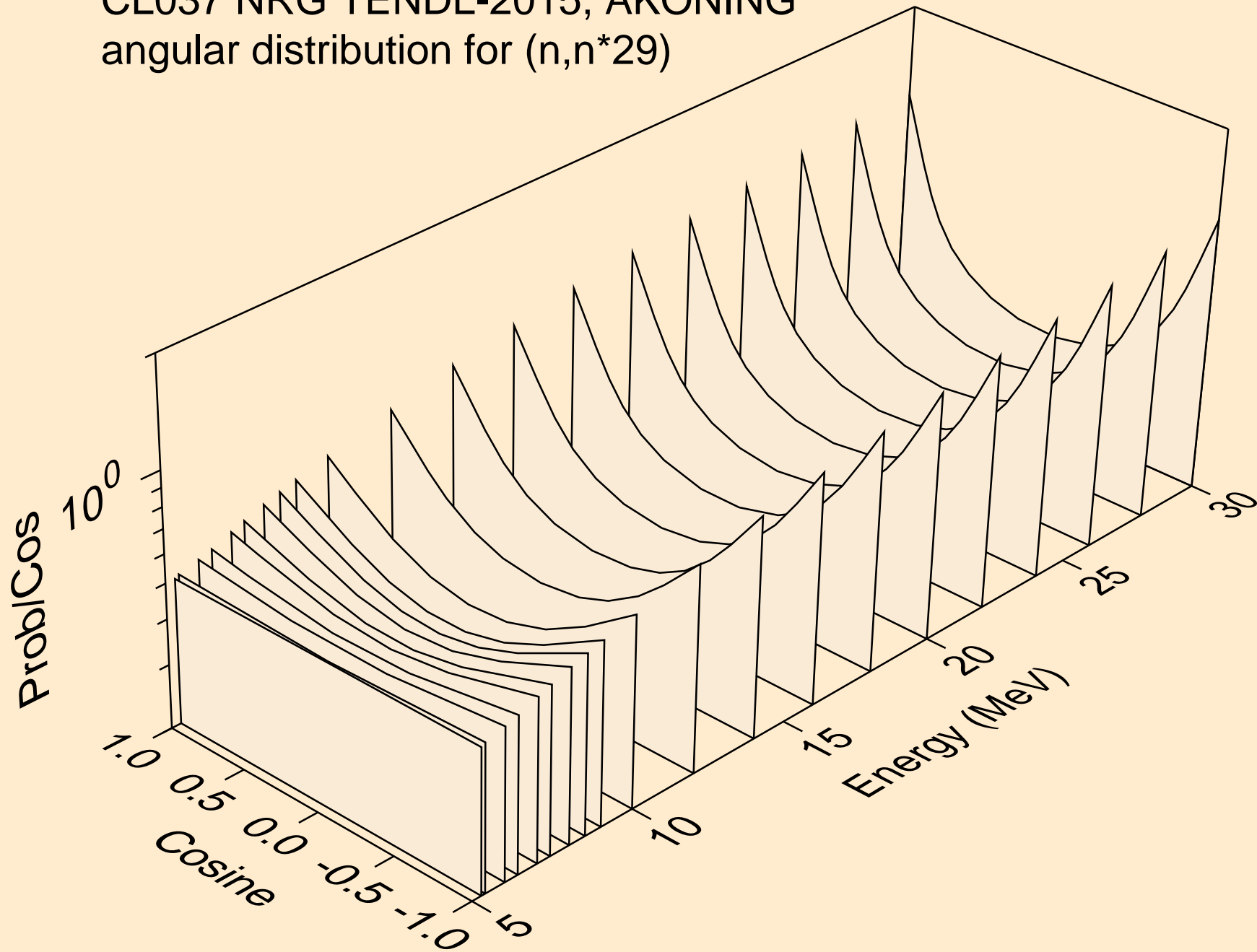
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



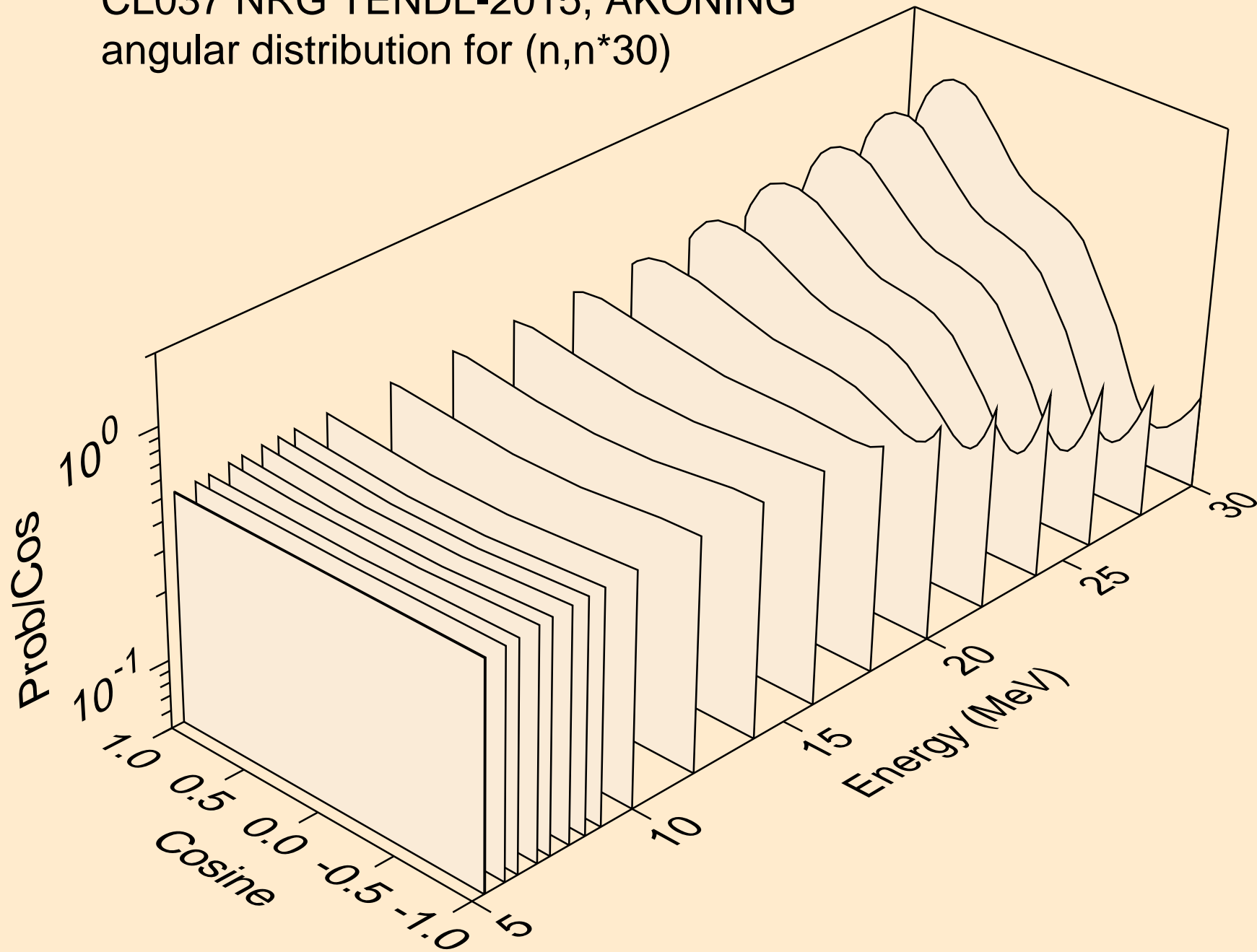
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



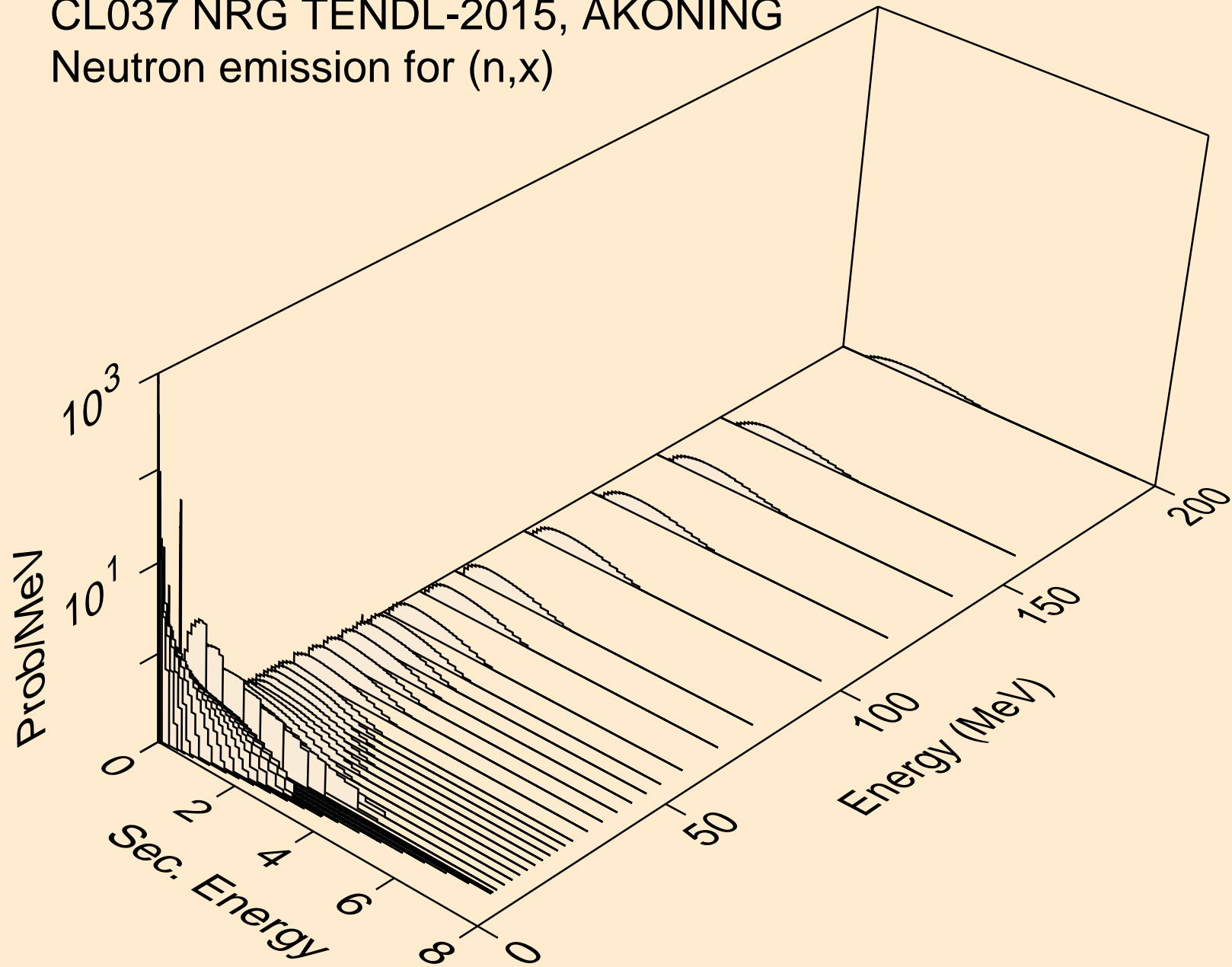
CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



CL037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

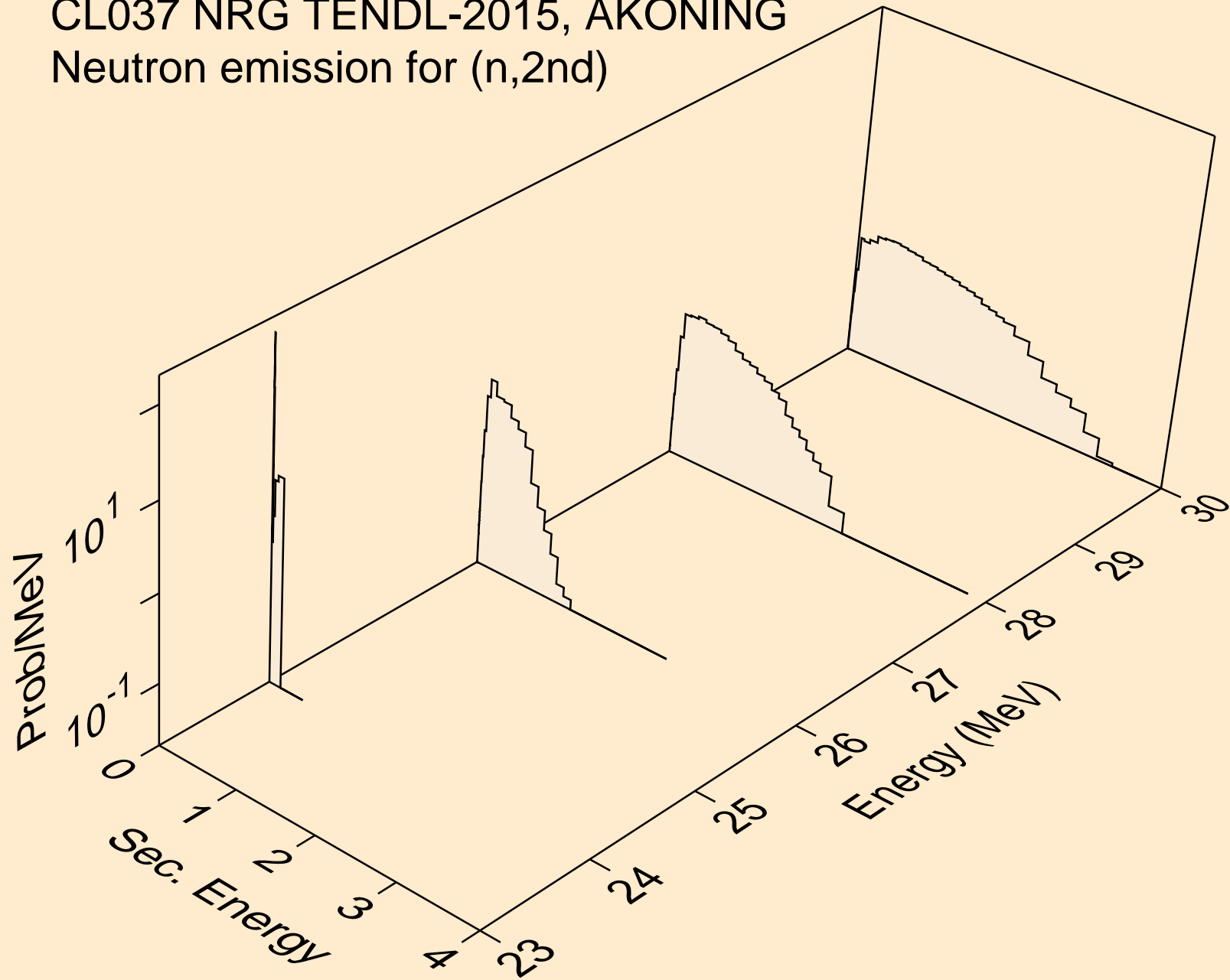


CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

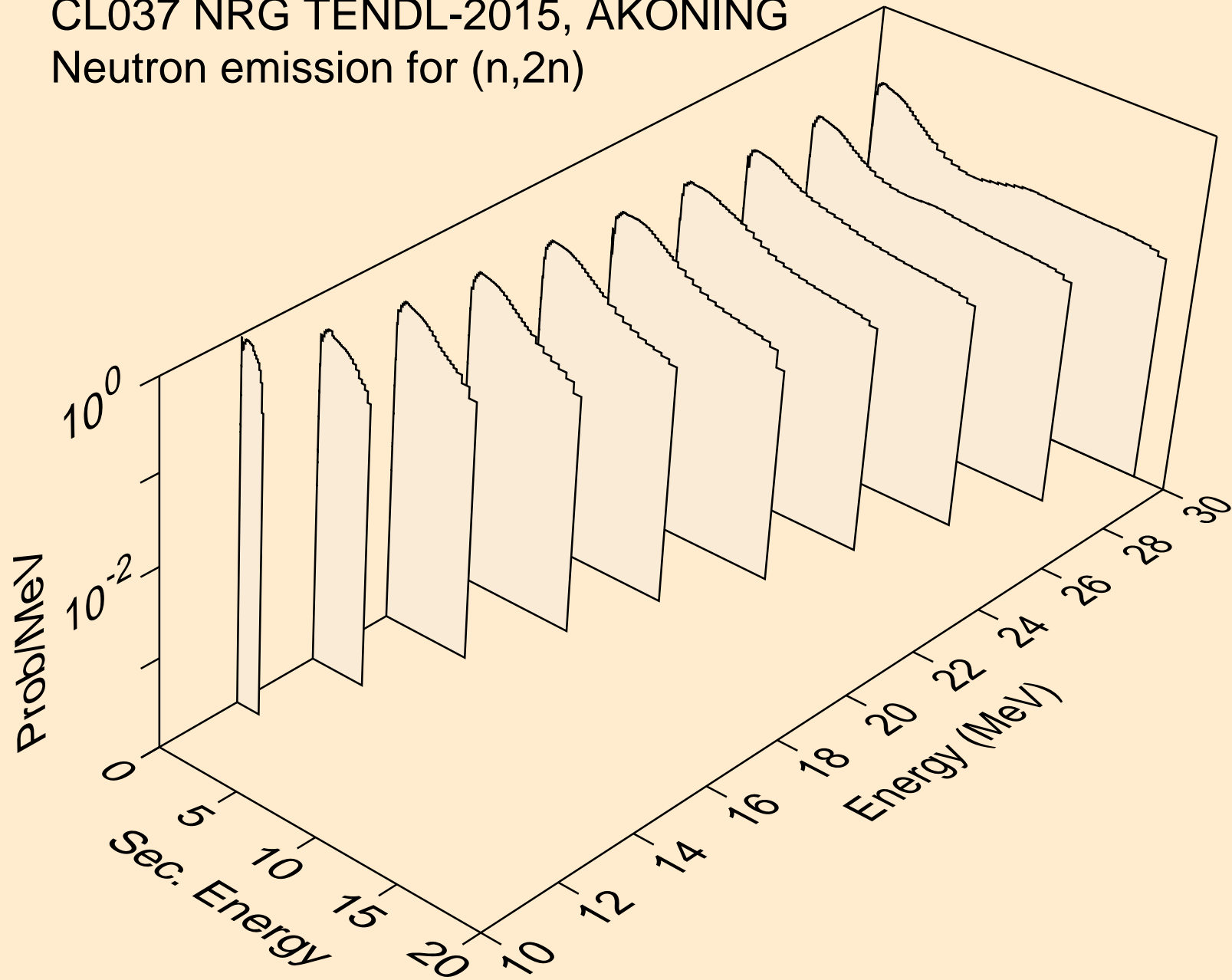




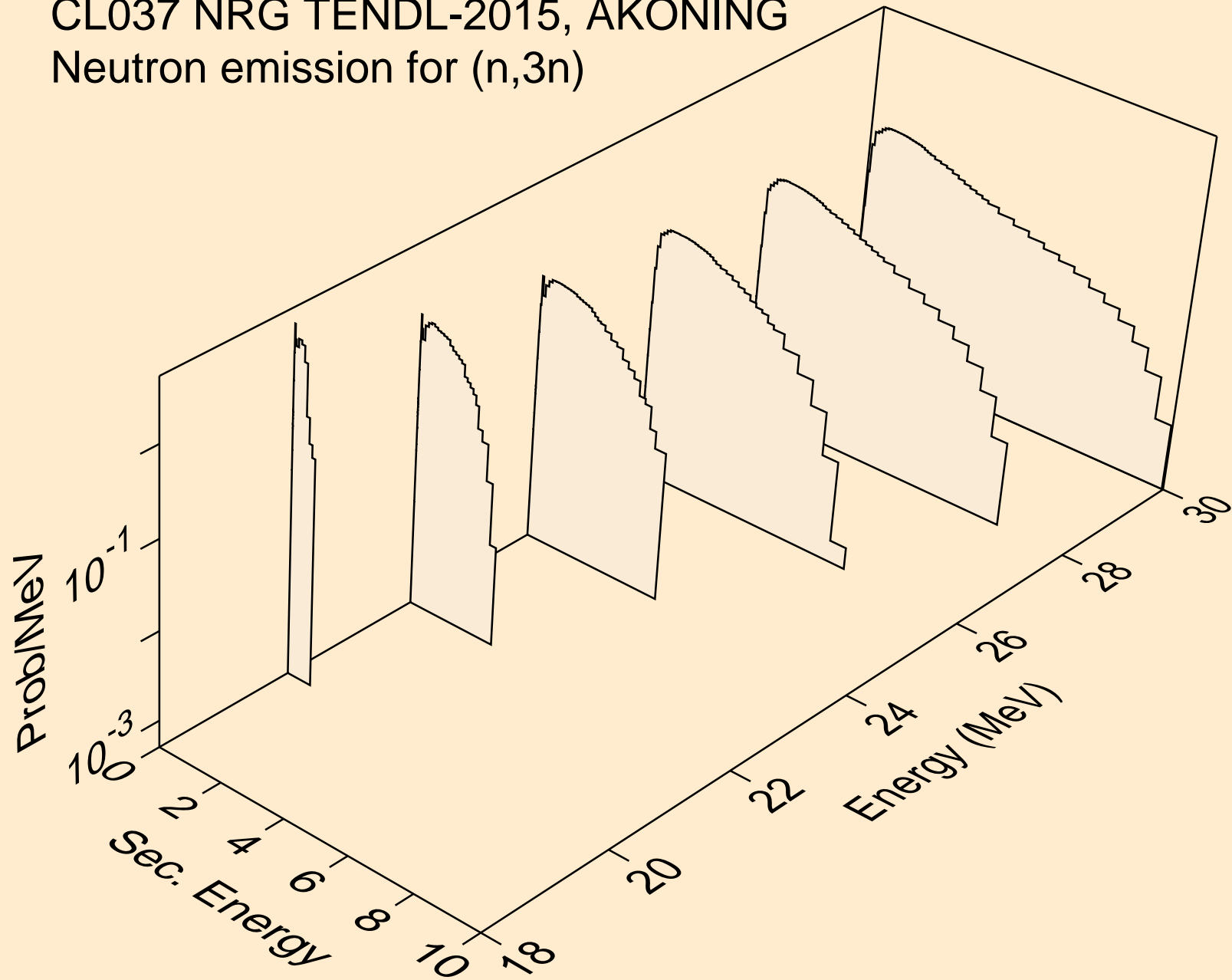
CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



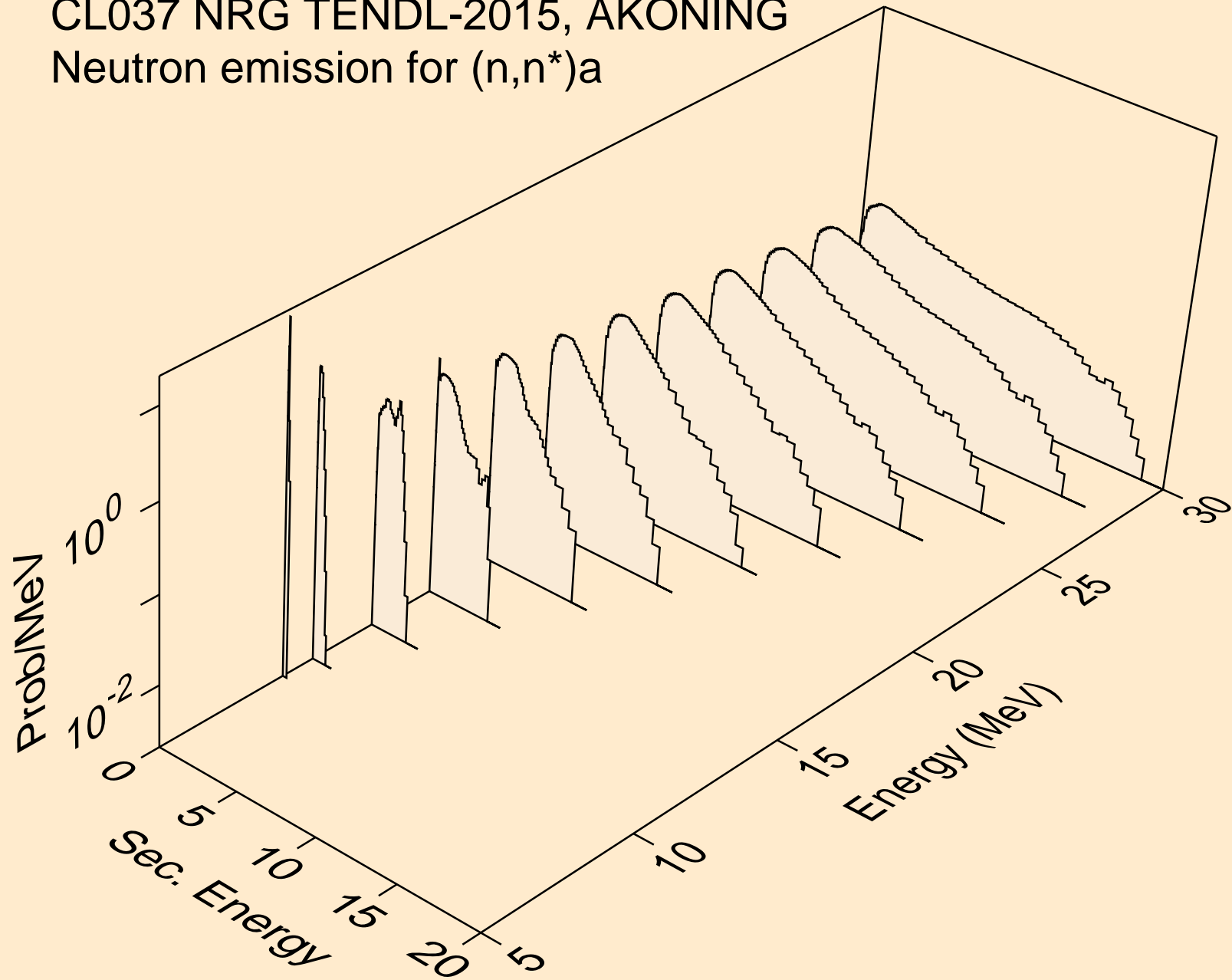
CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



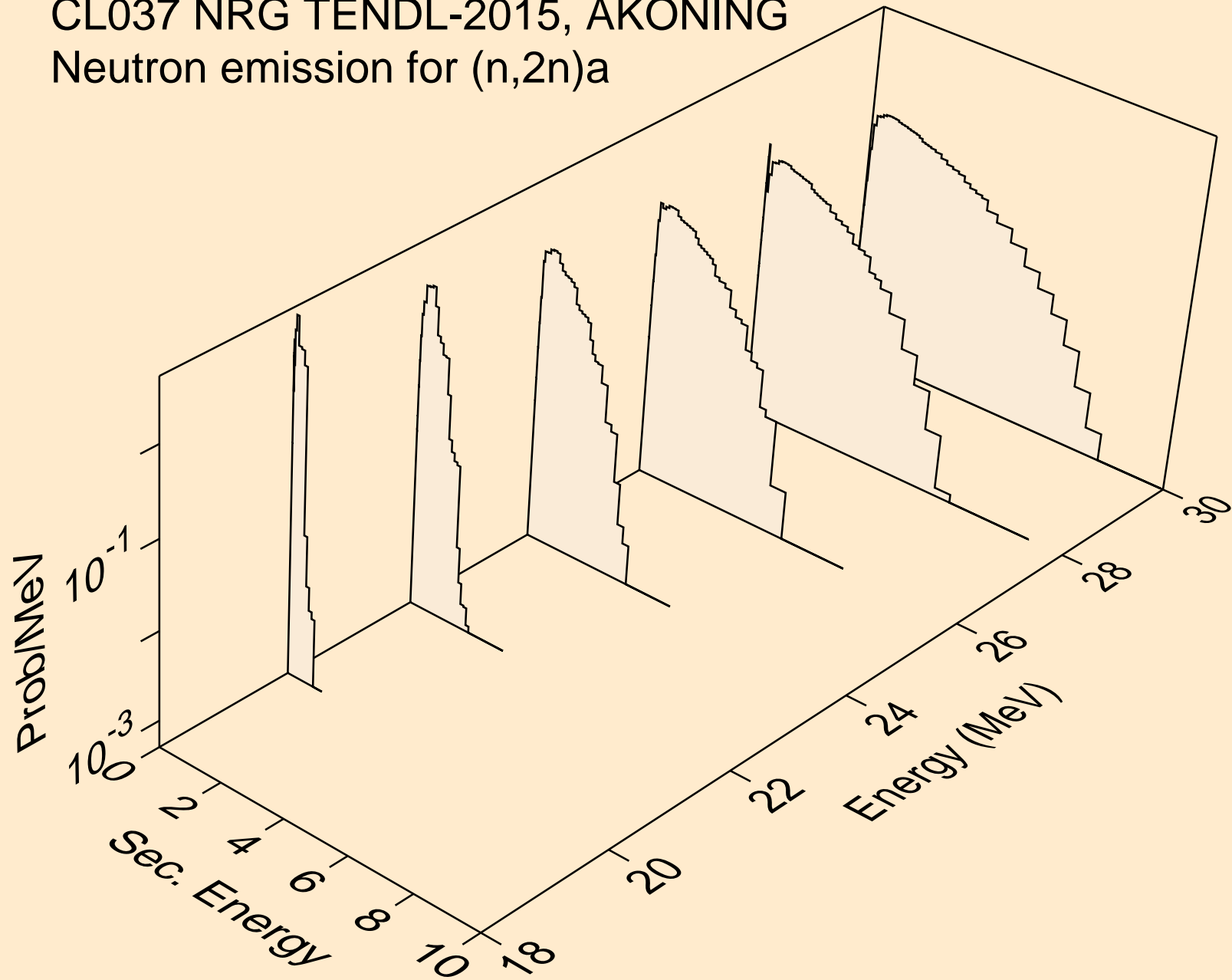
CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



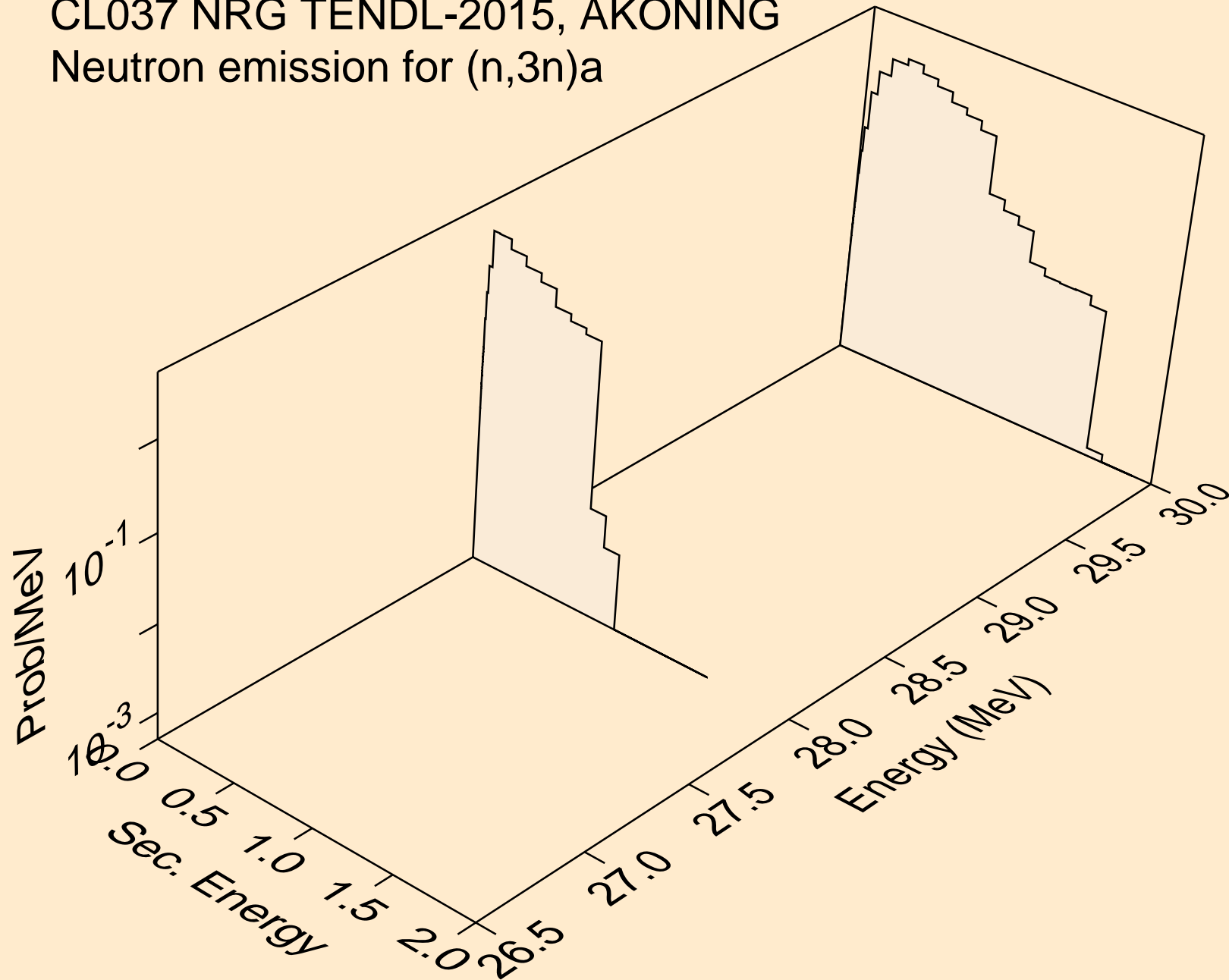
CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



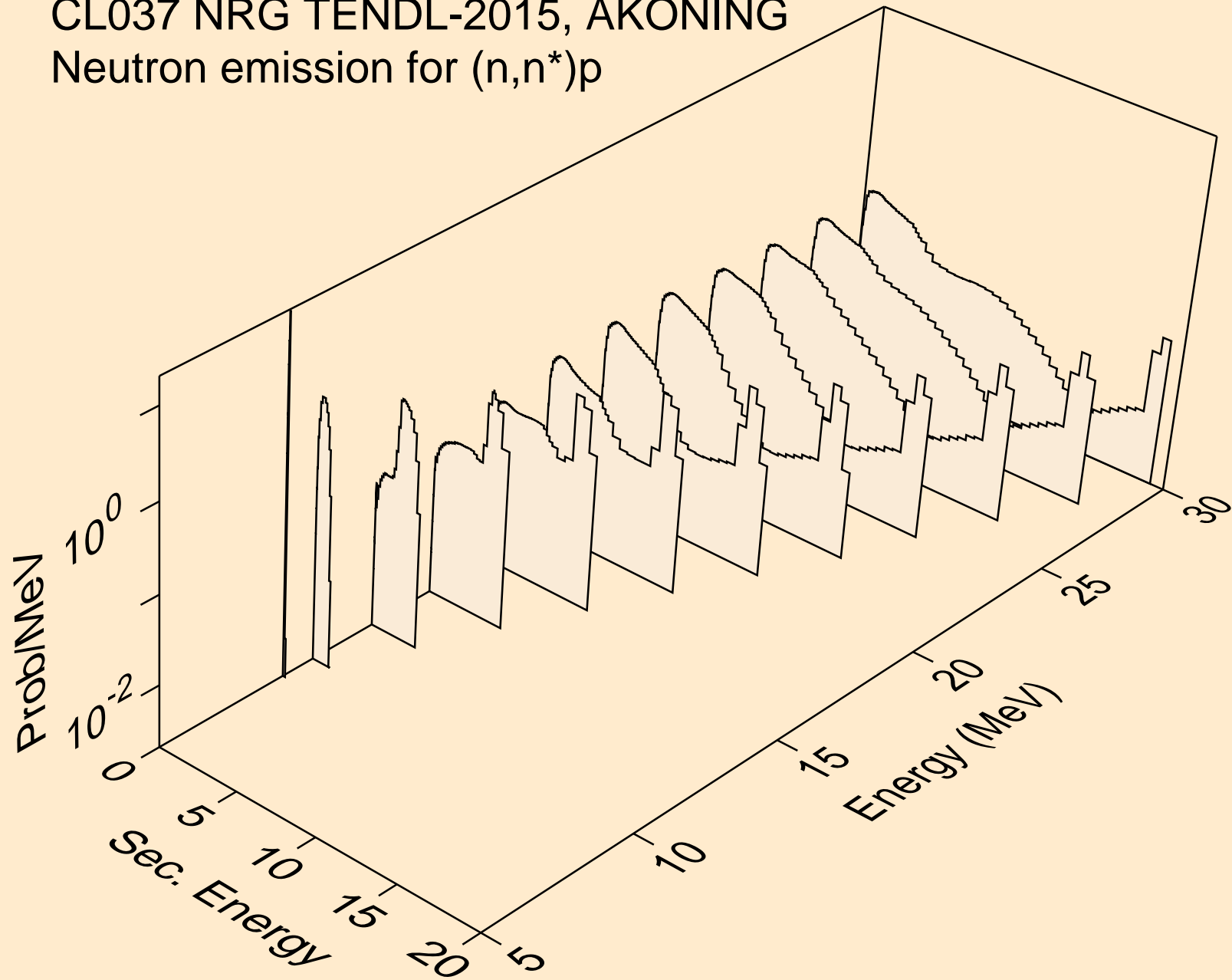
CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



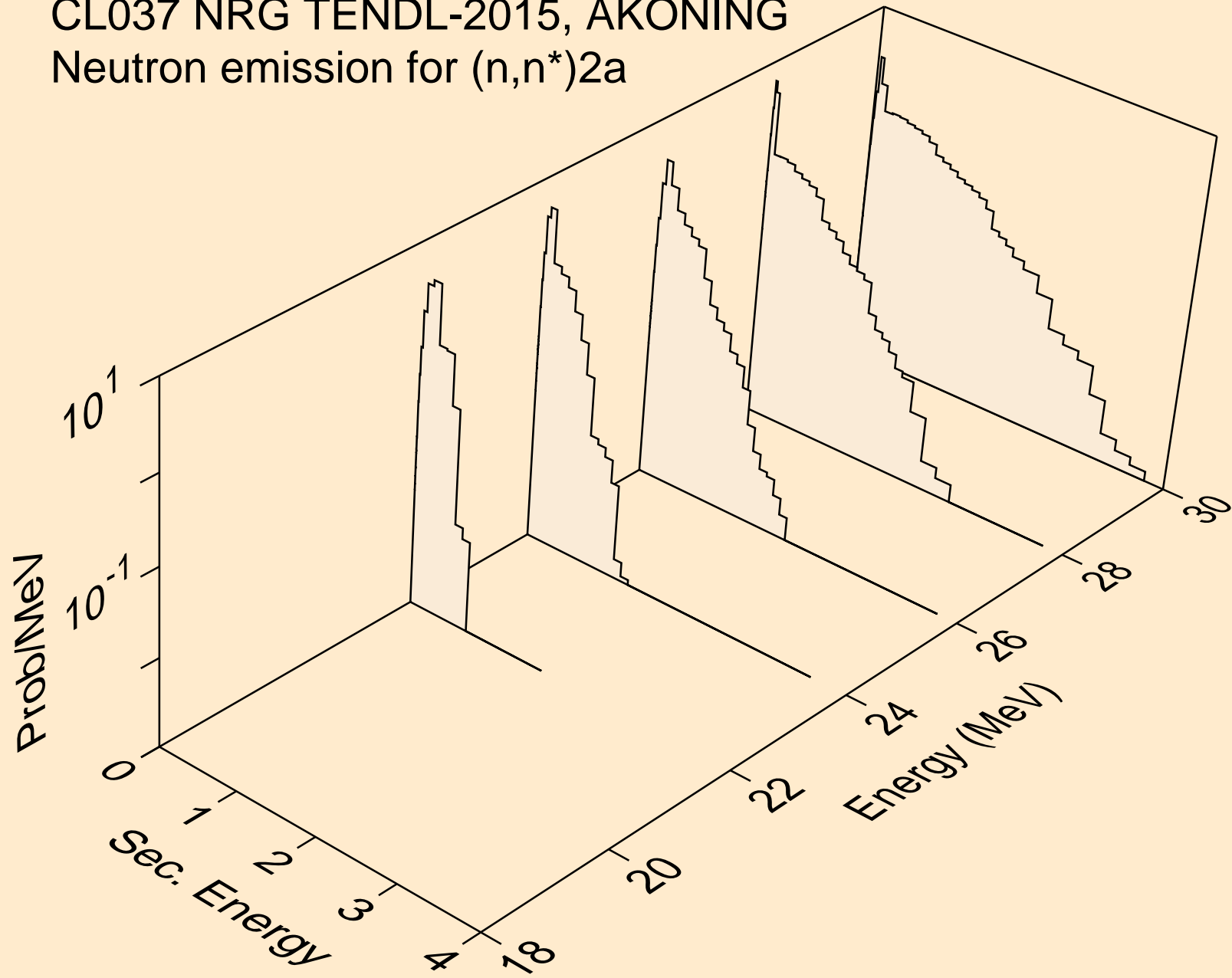
CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

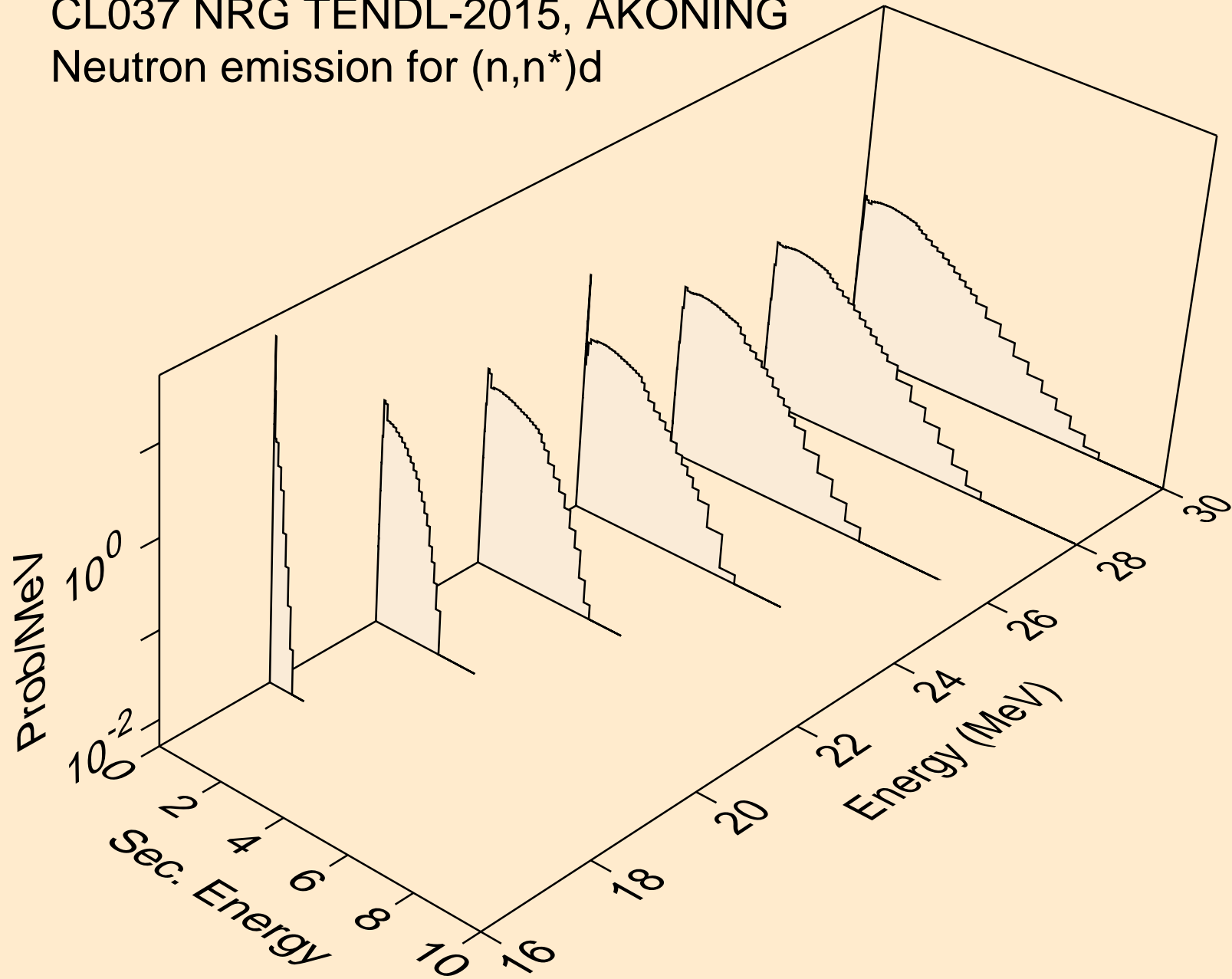


CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

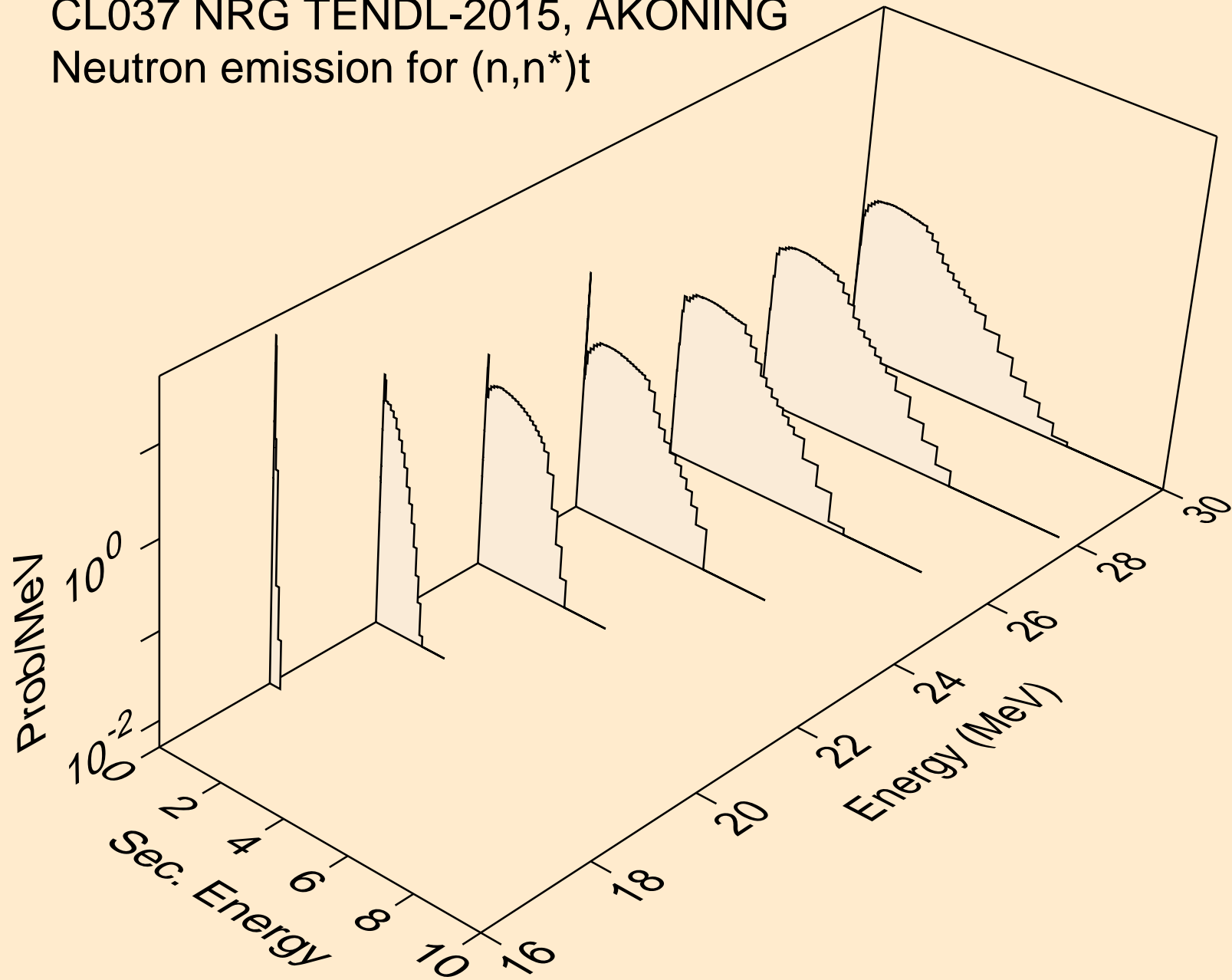




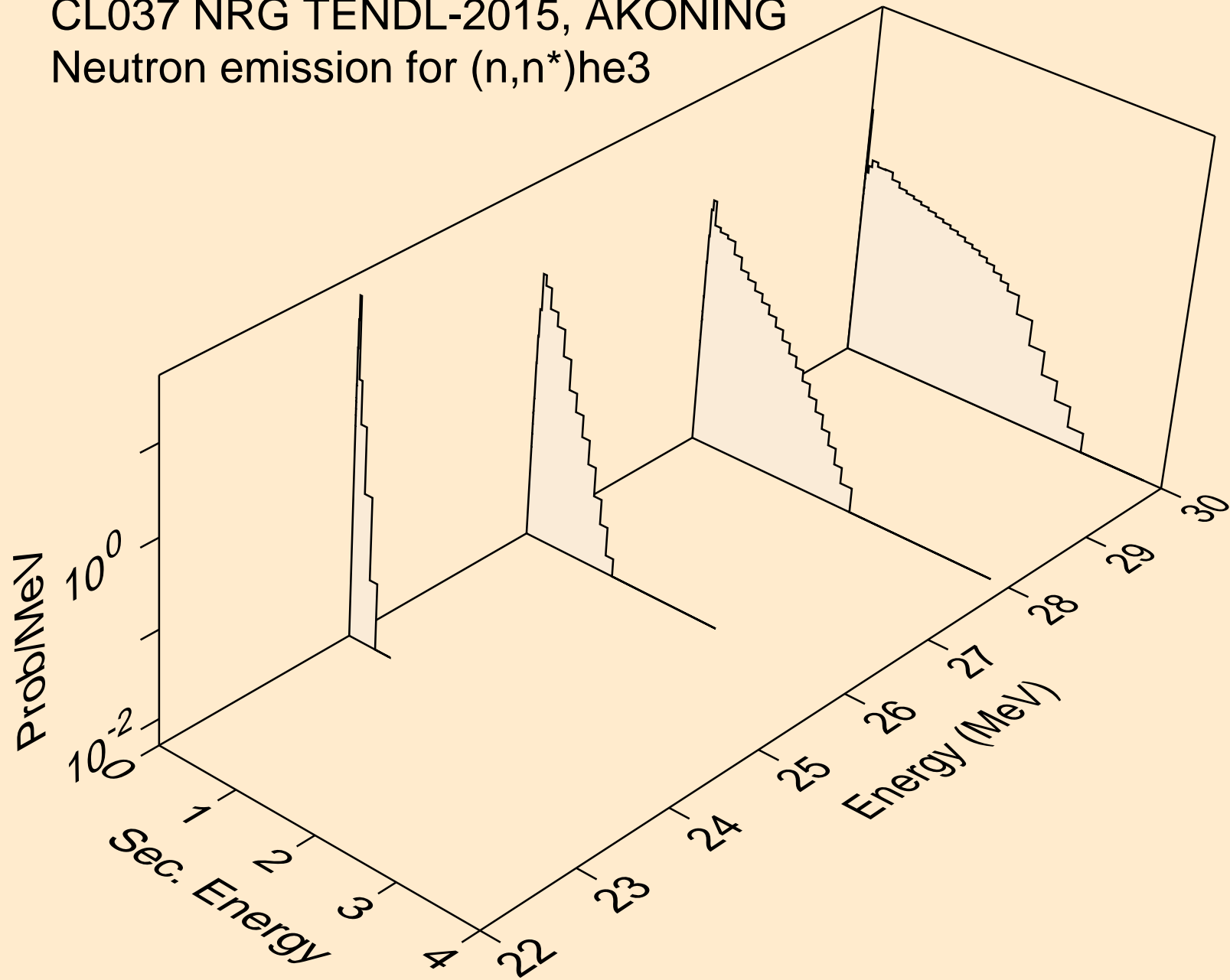
CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



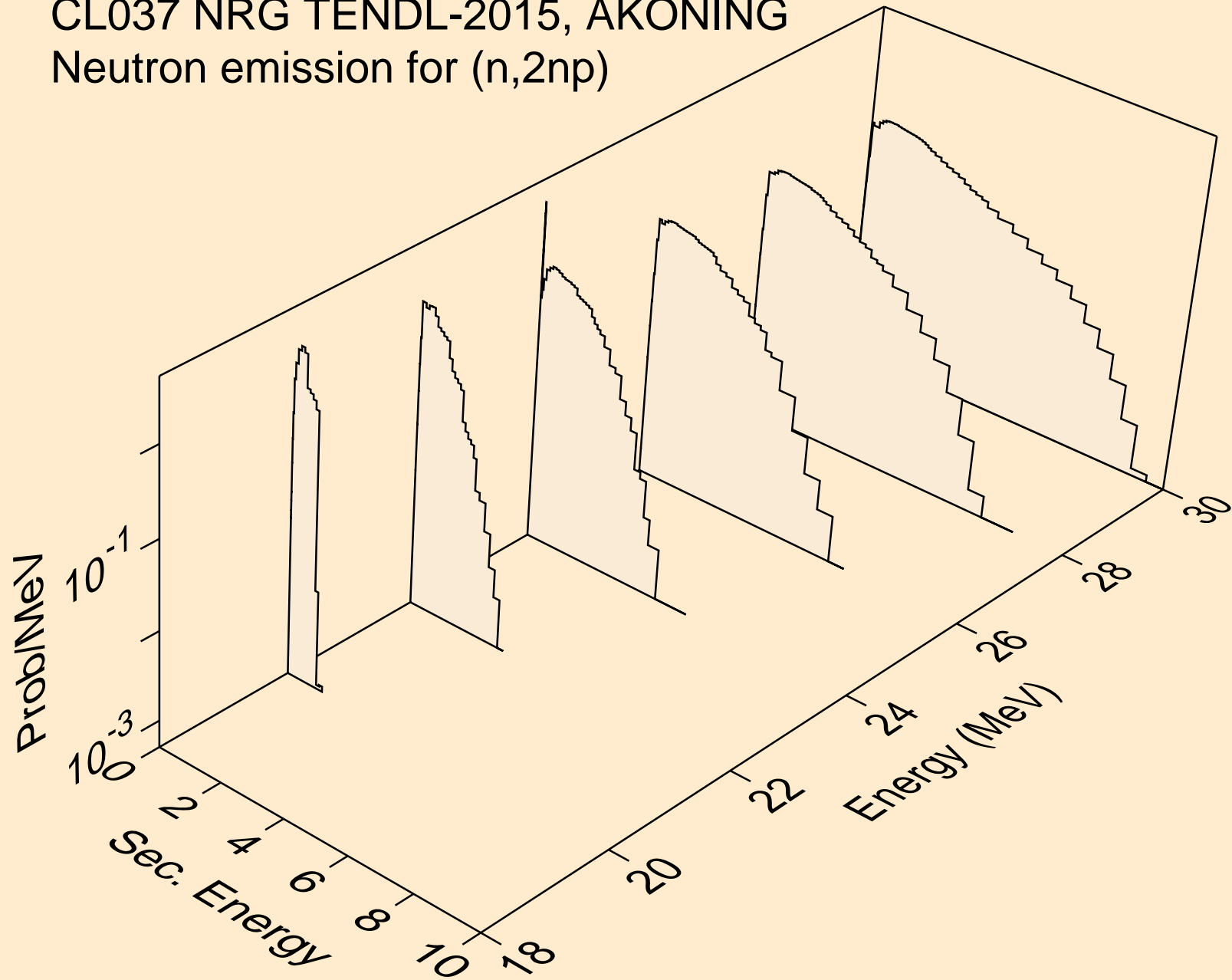
CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



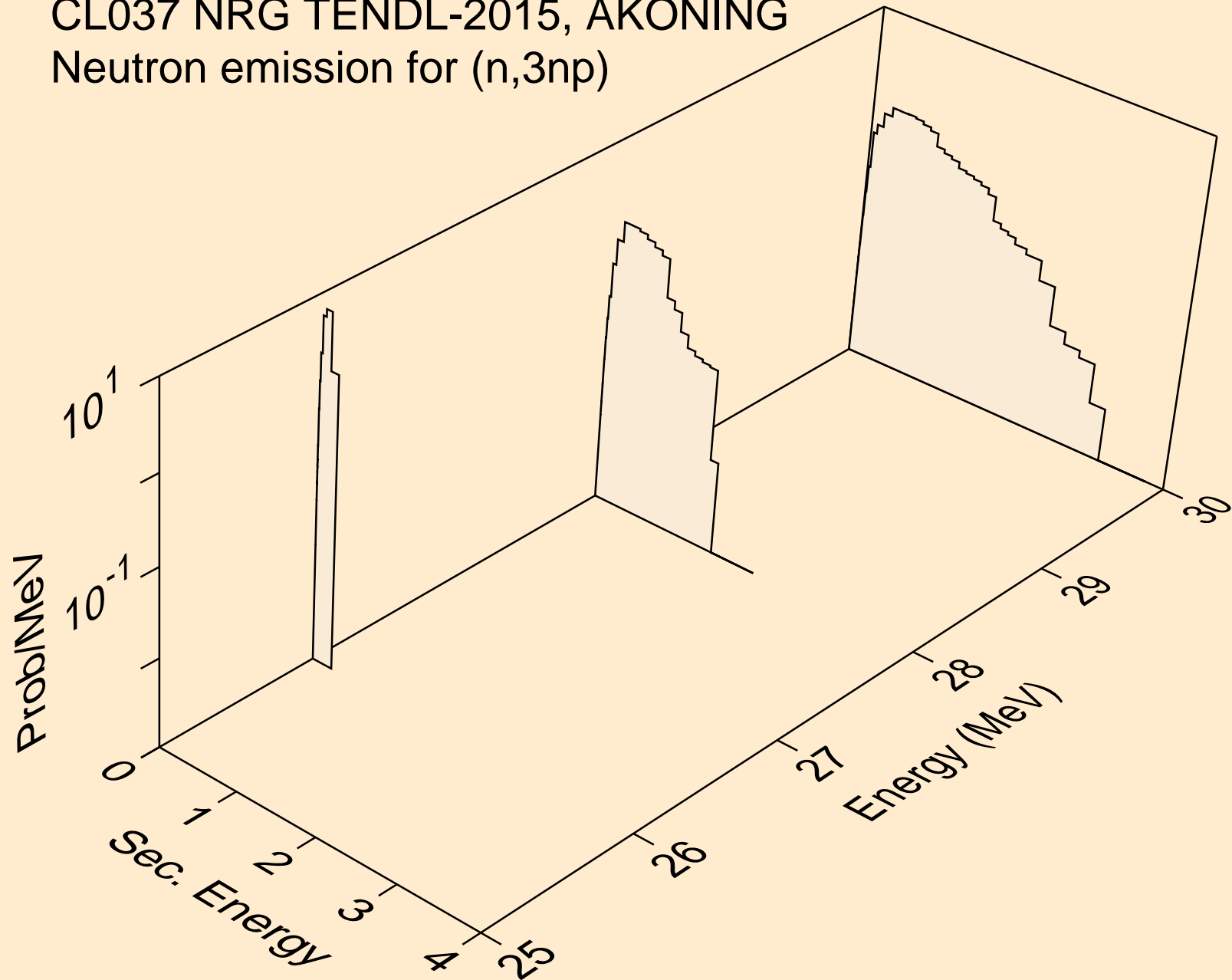
CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



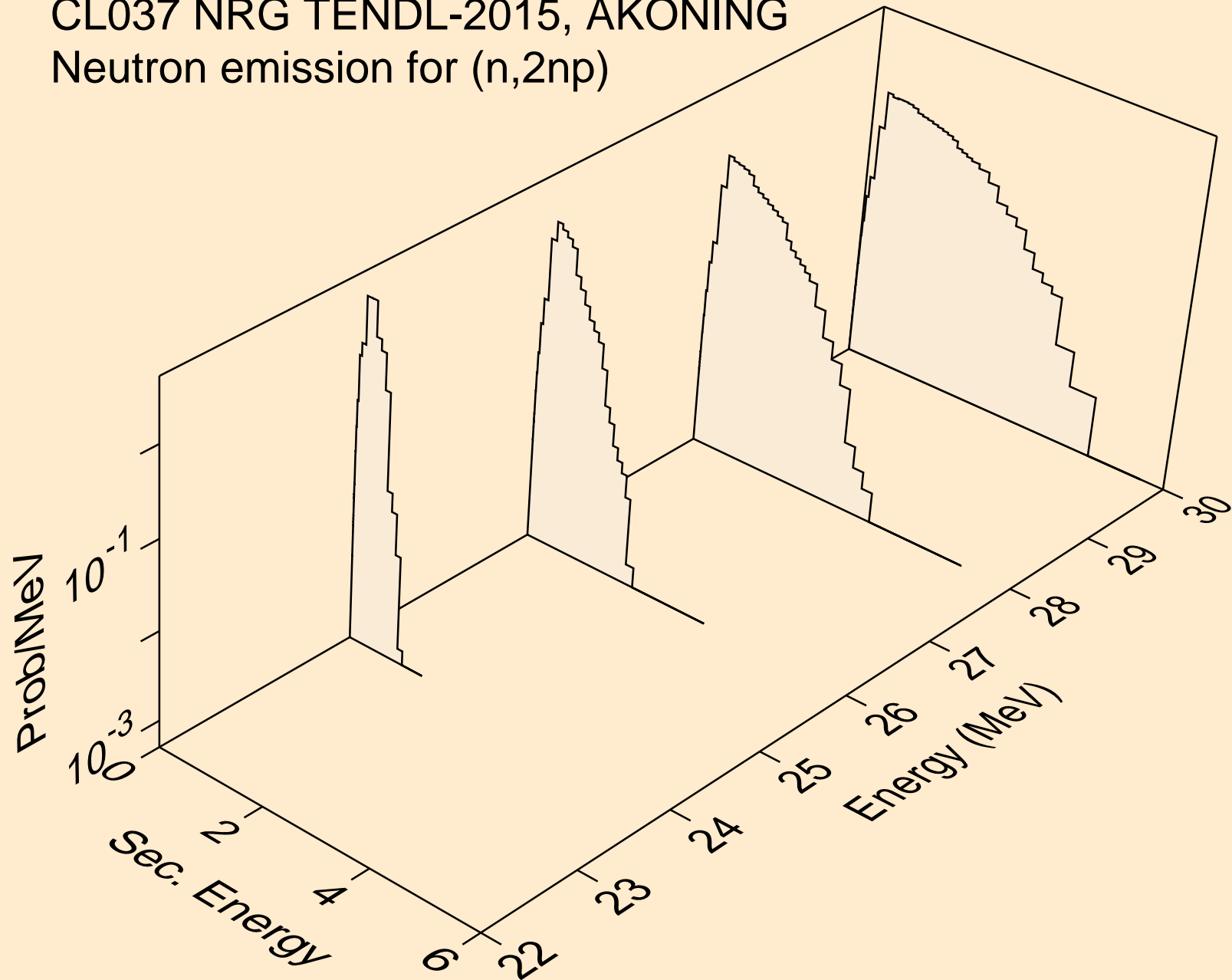
CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



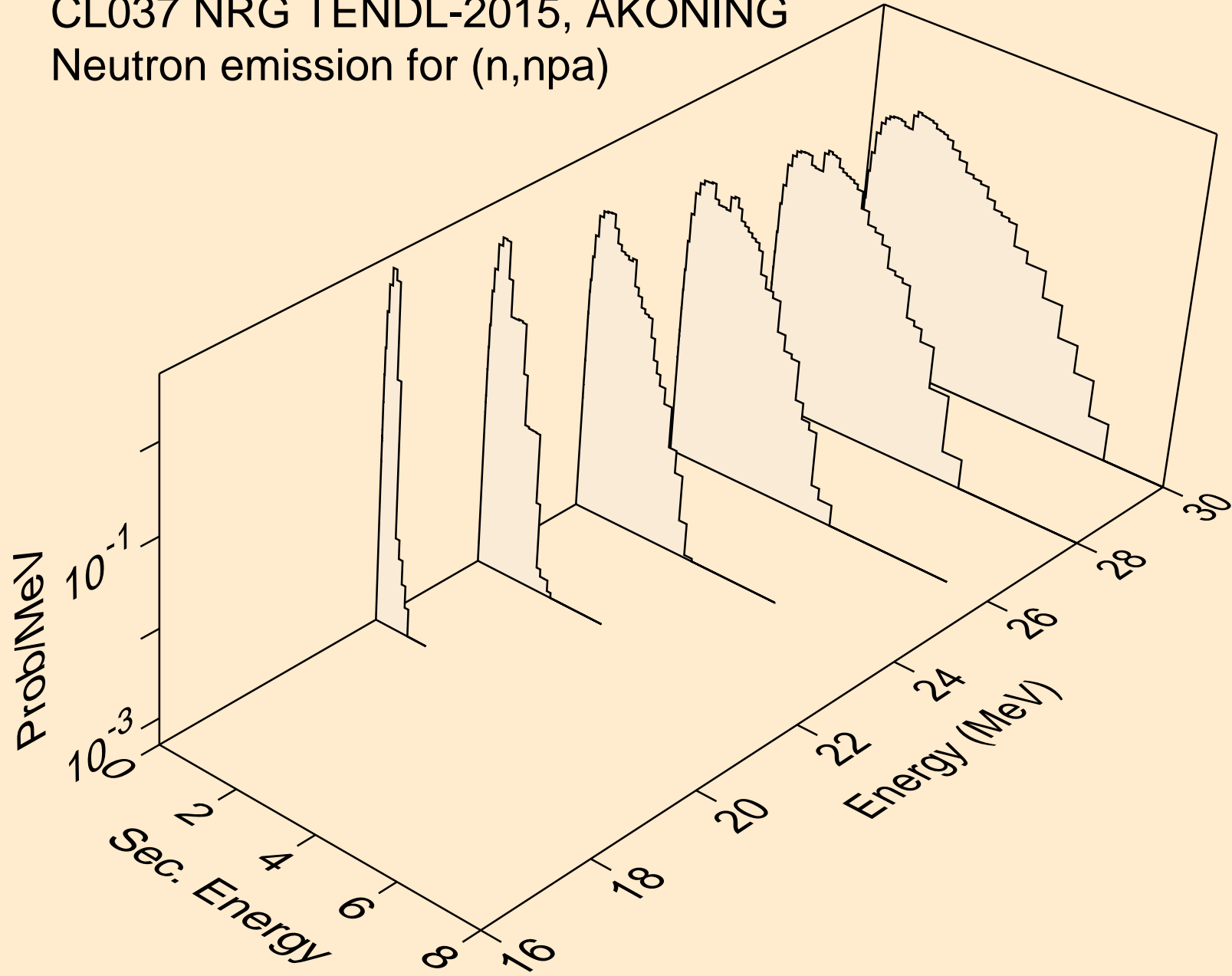
CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



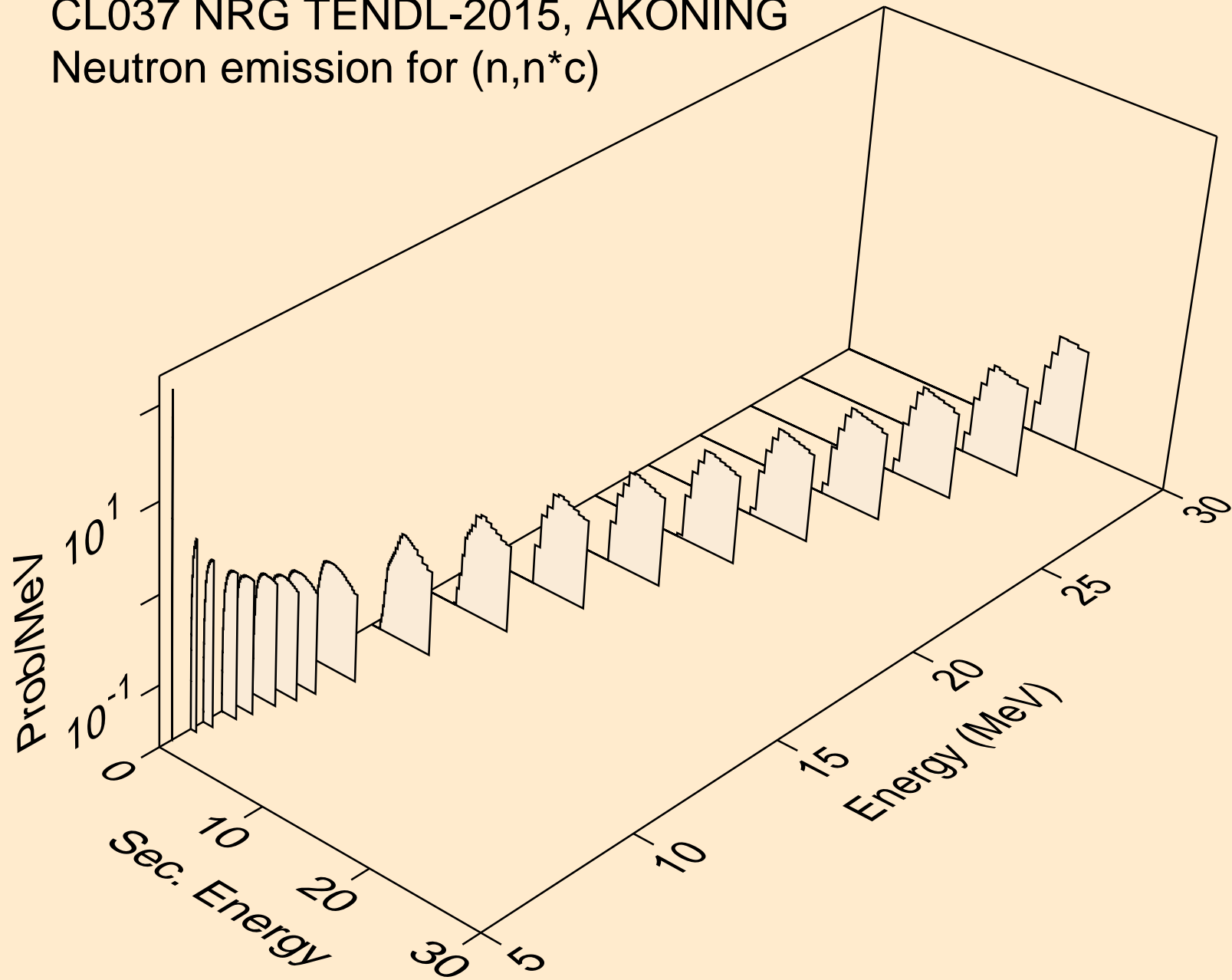
CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

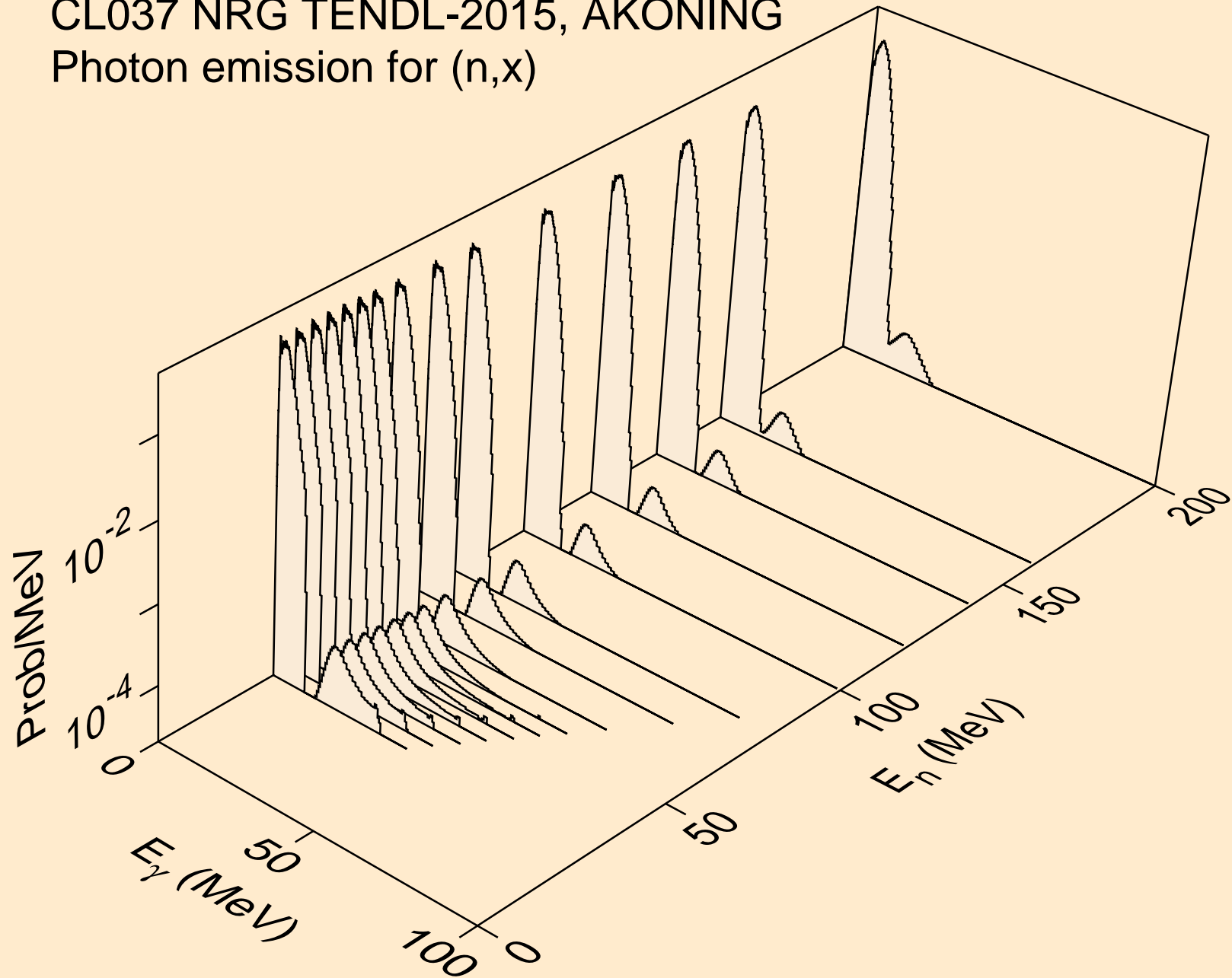


CL037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

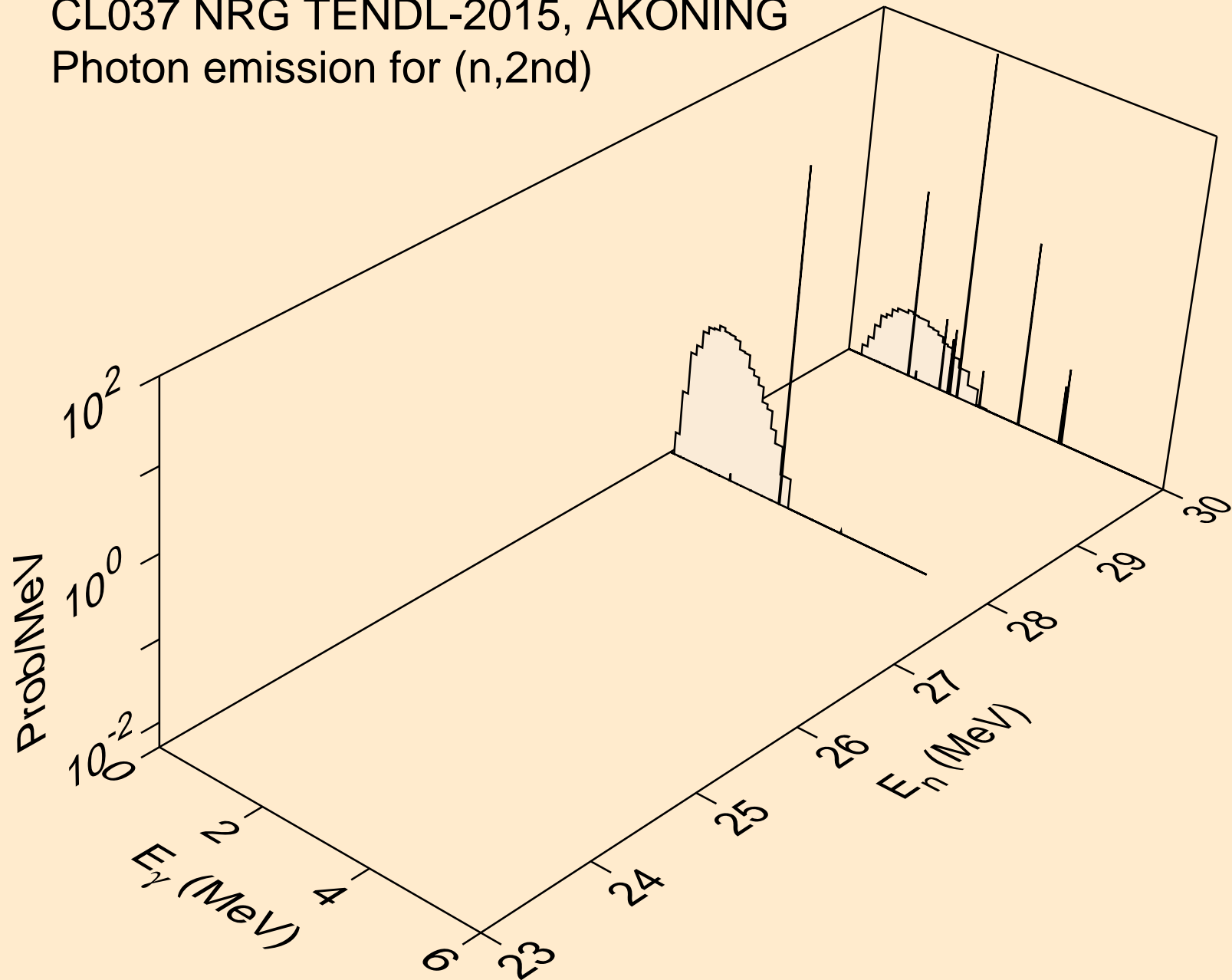




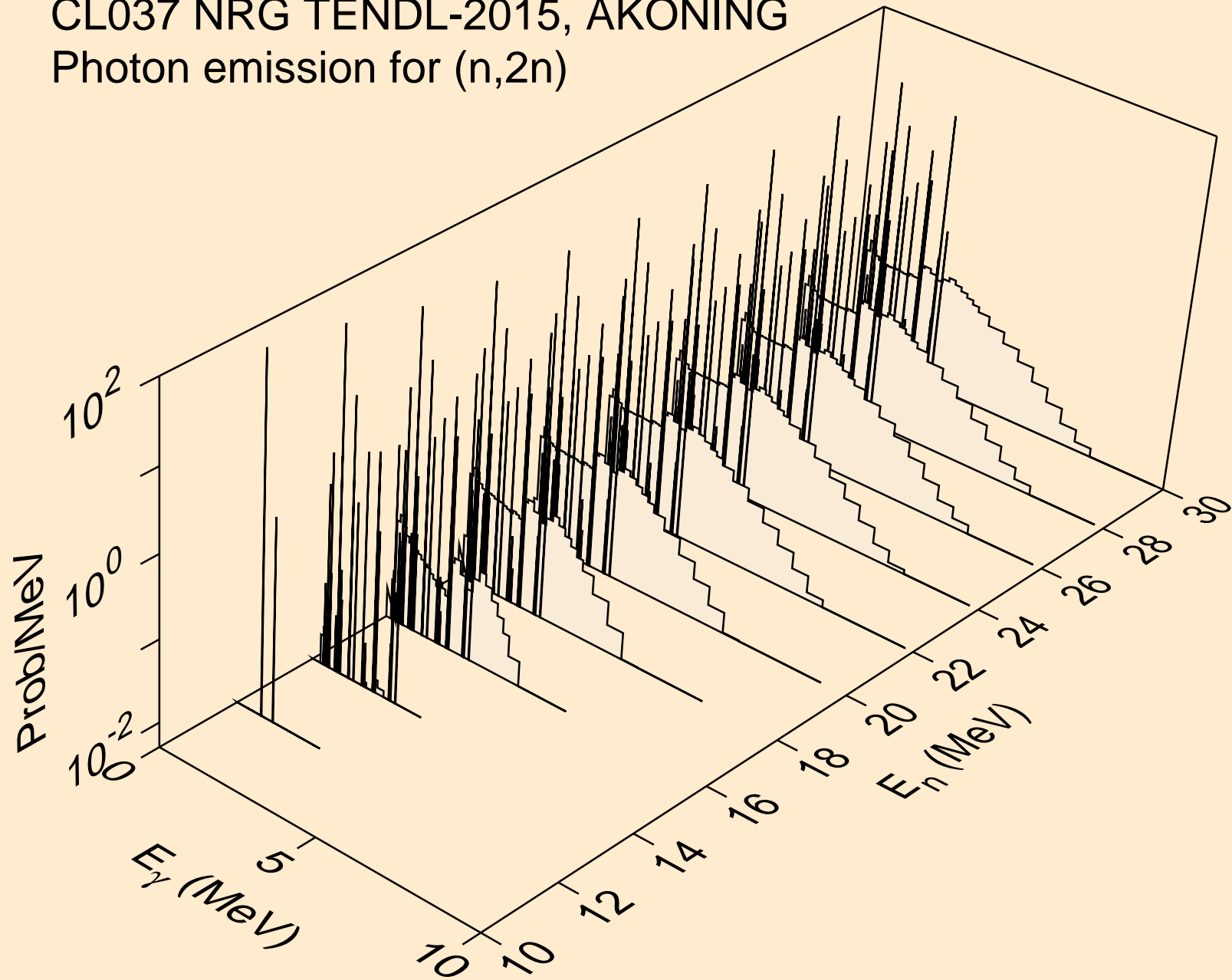
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



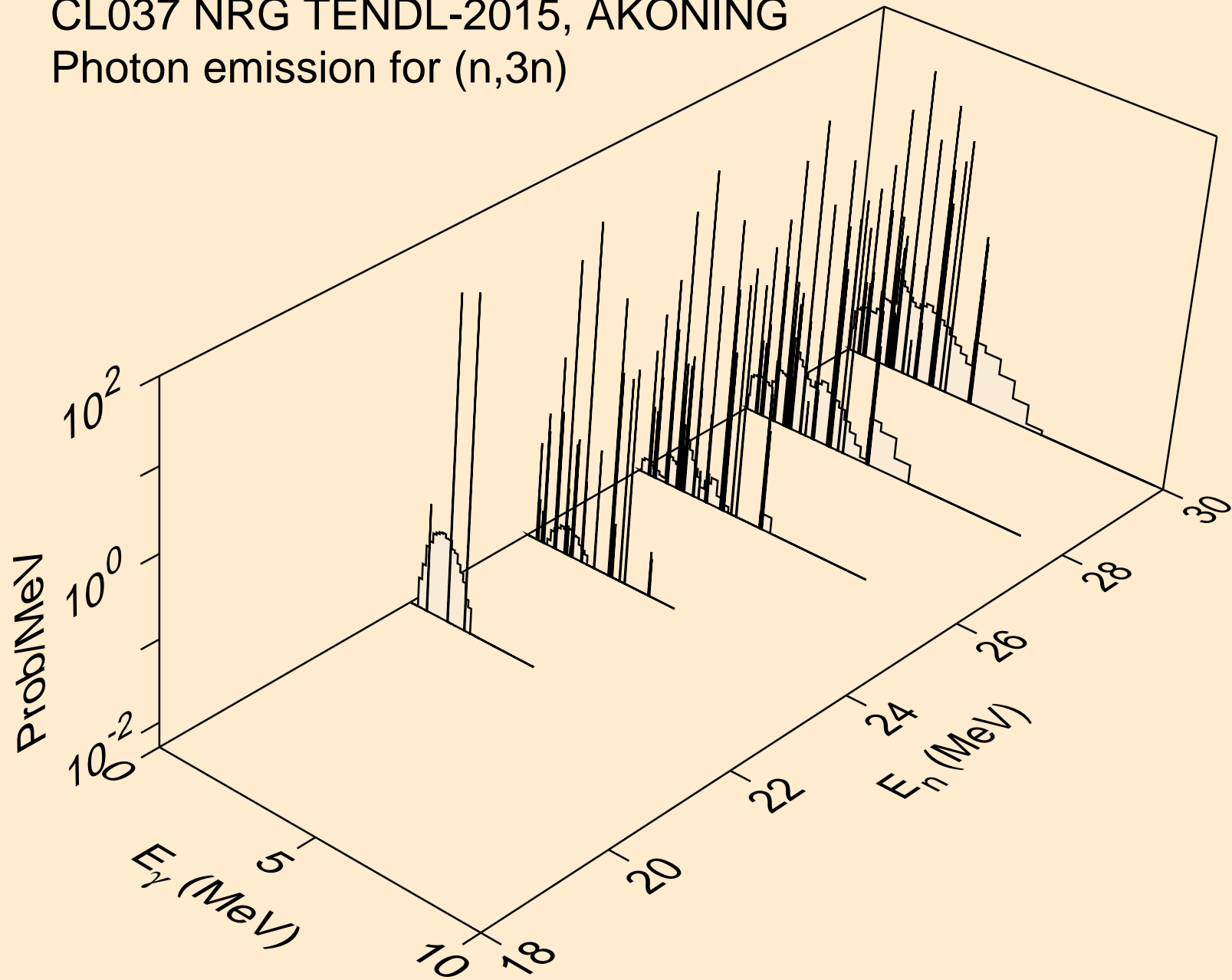
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



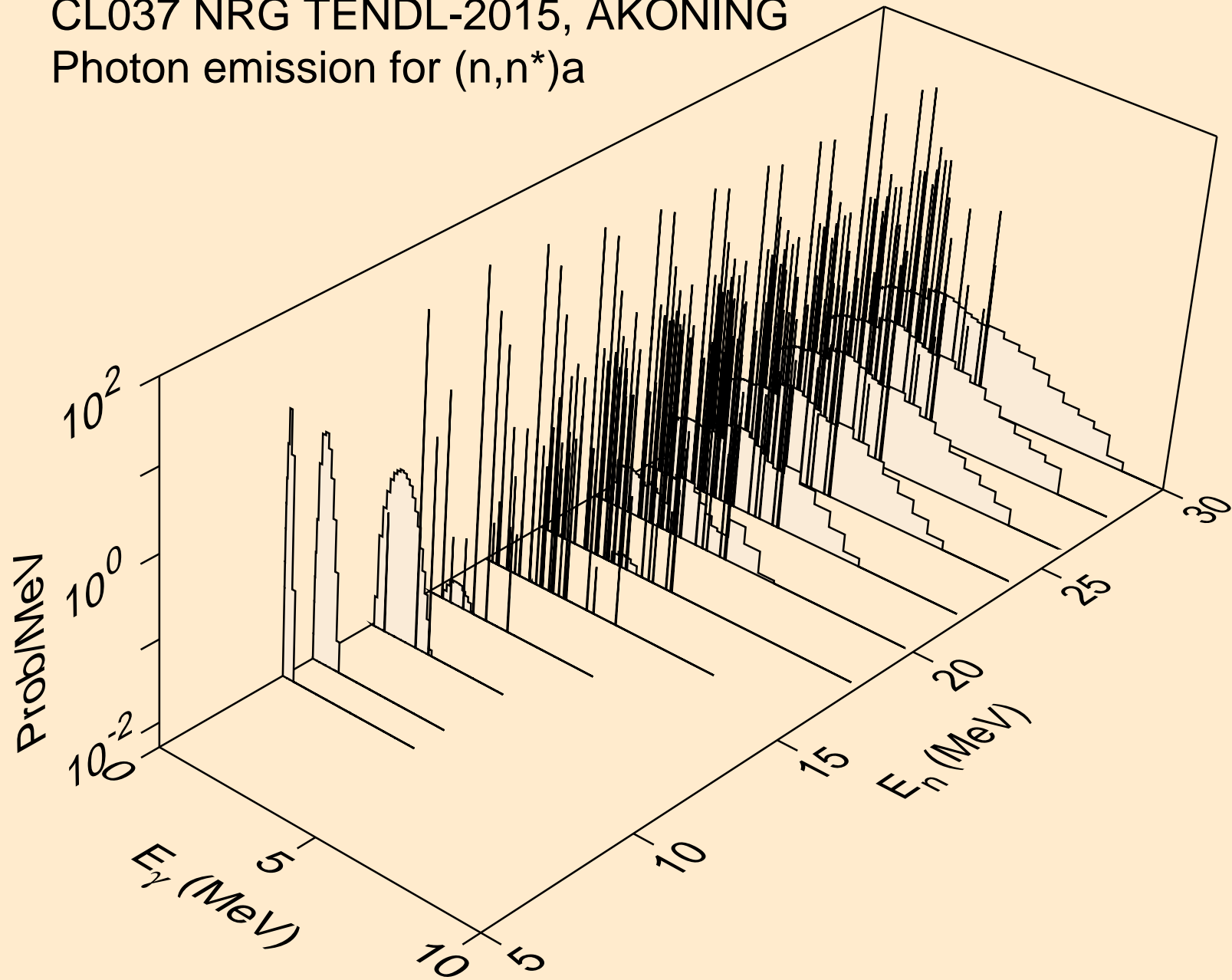
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



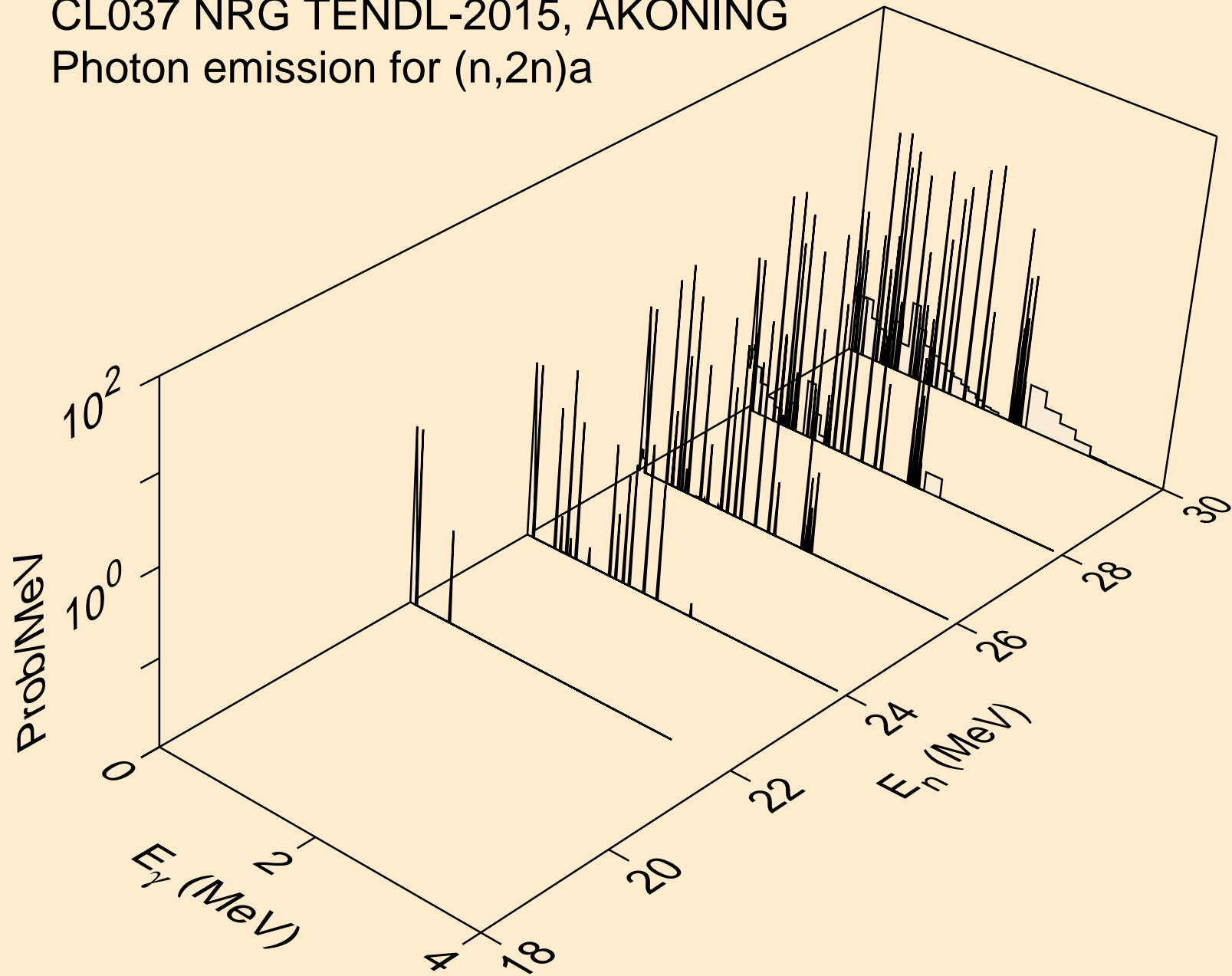
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



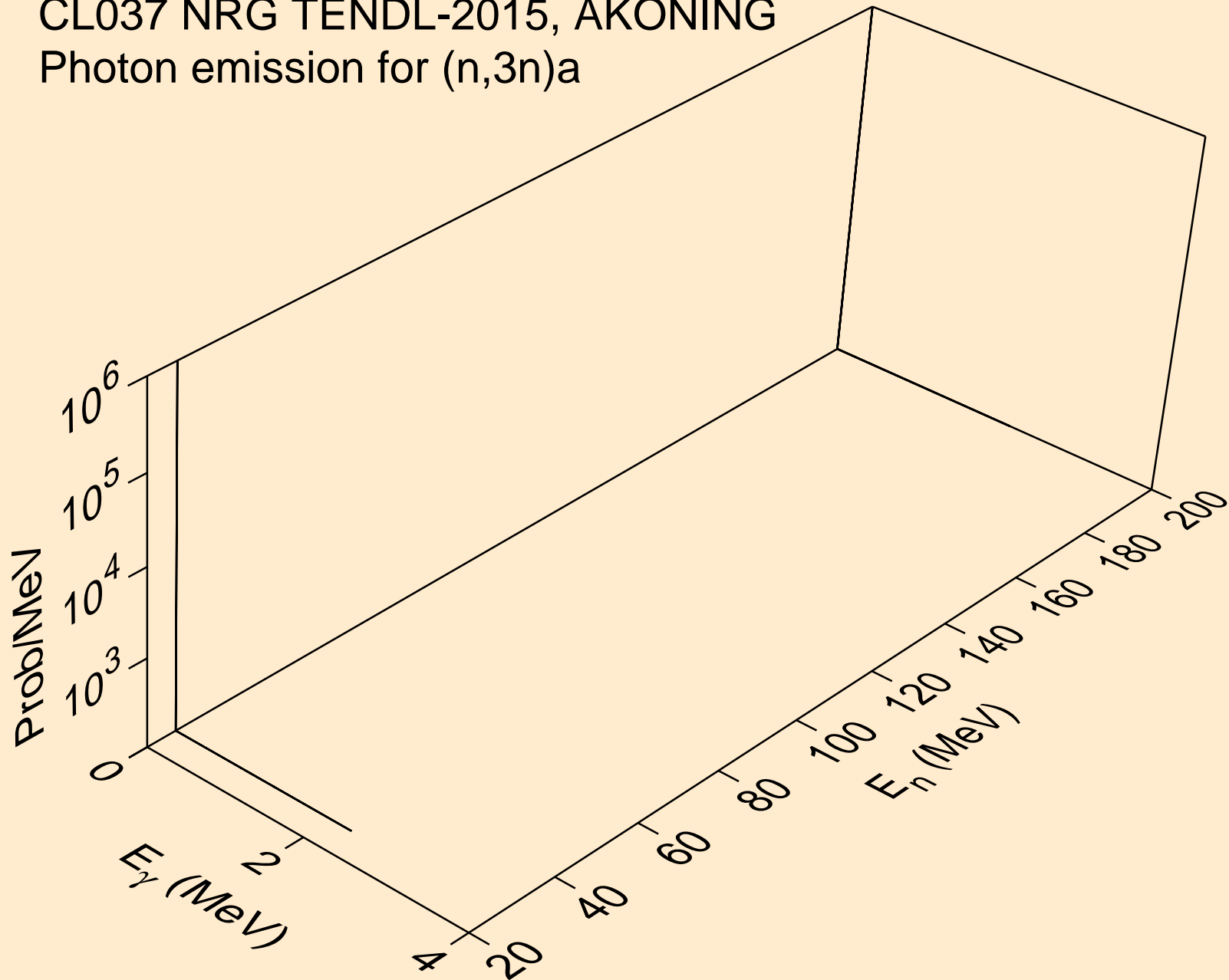
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



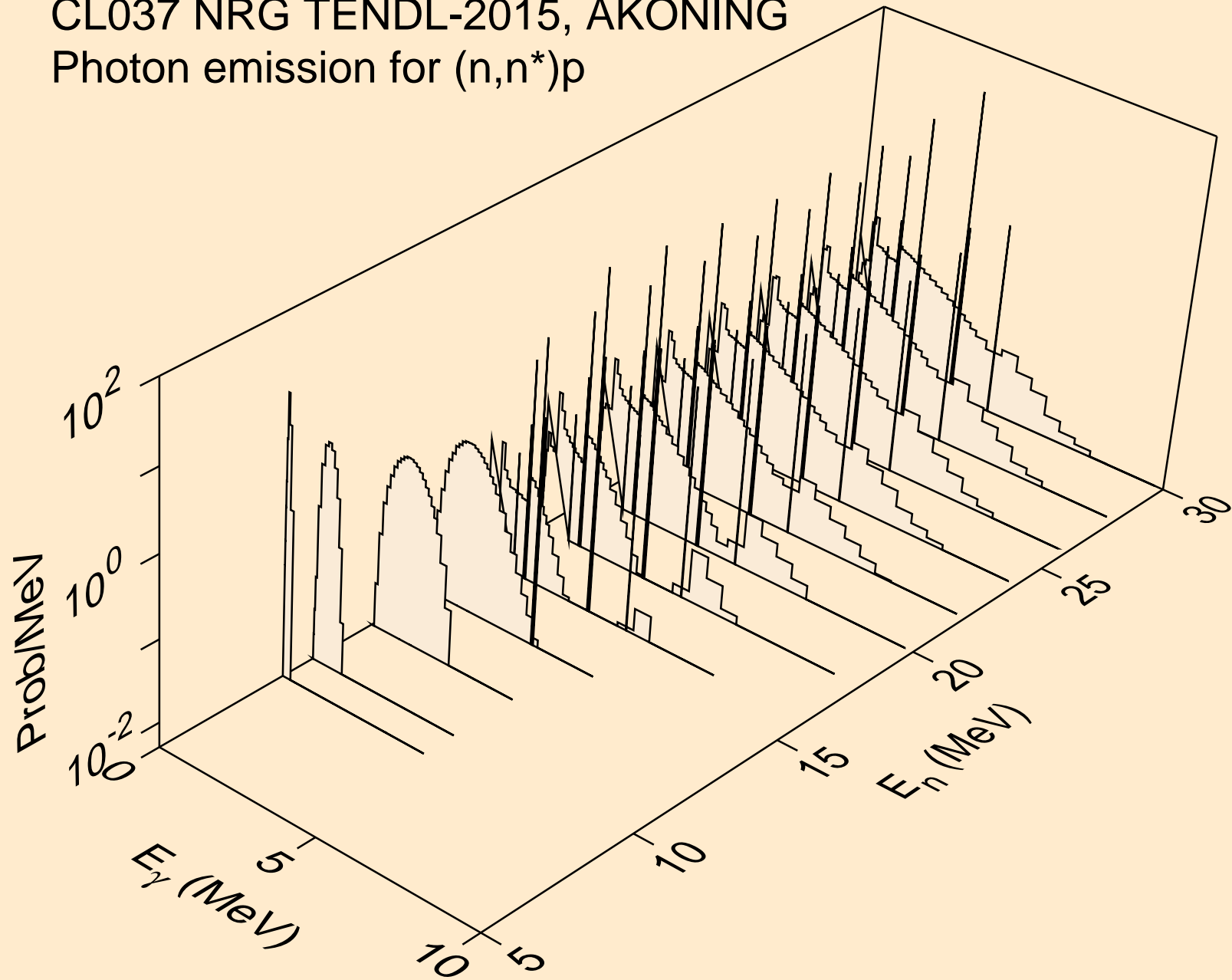
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

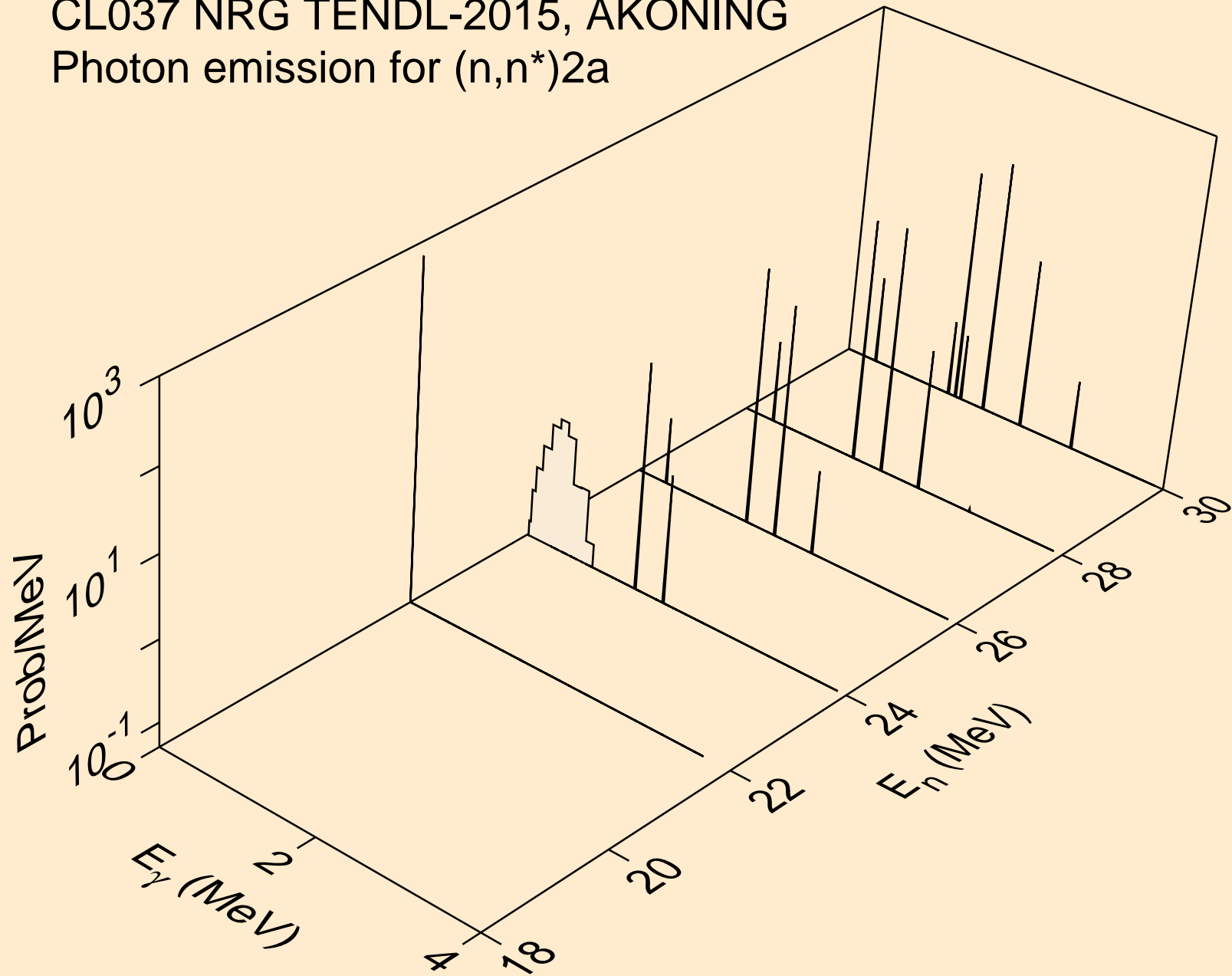


CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

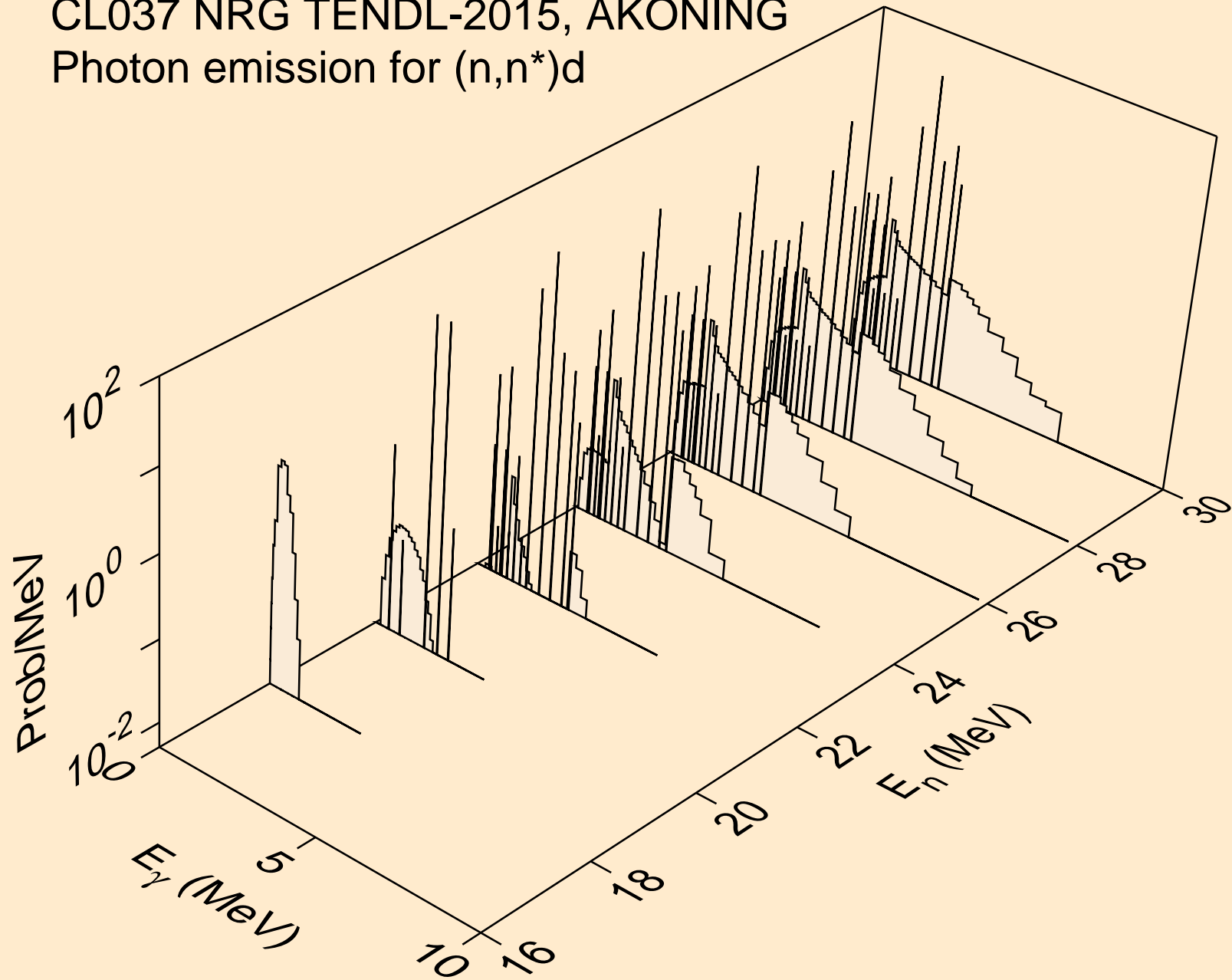




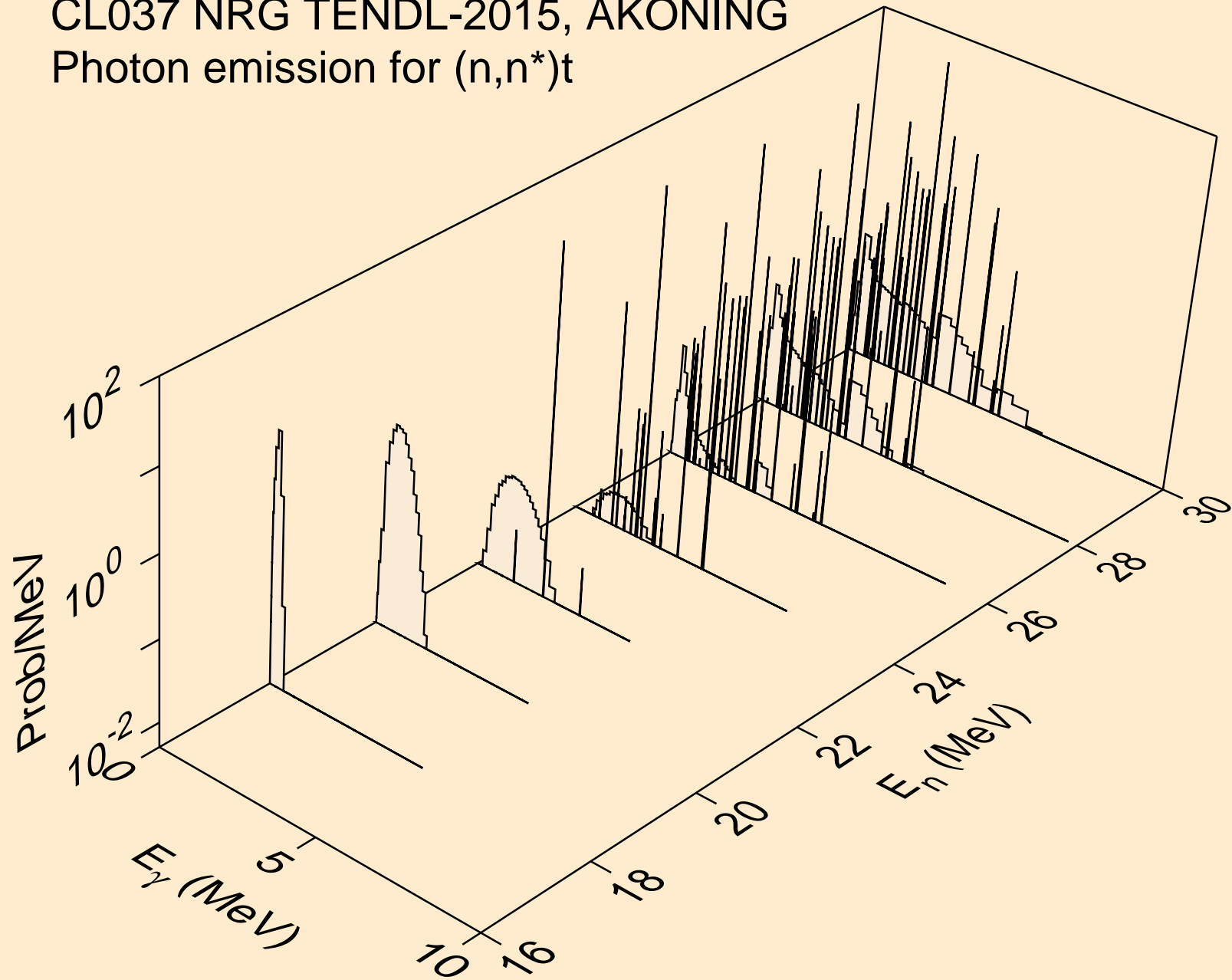
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



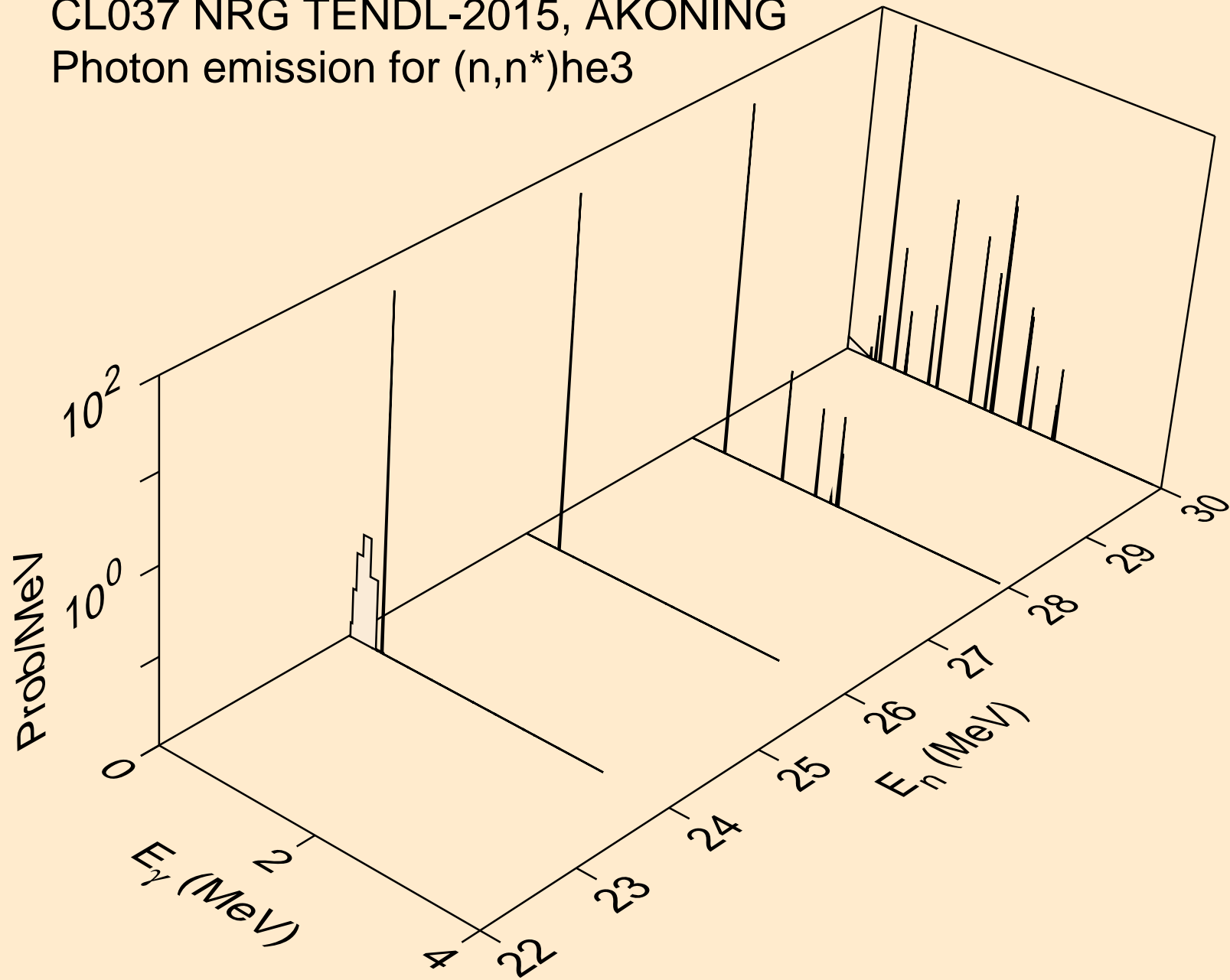
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



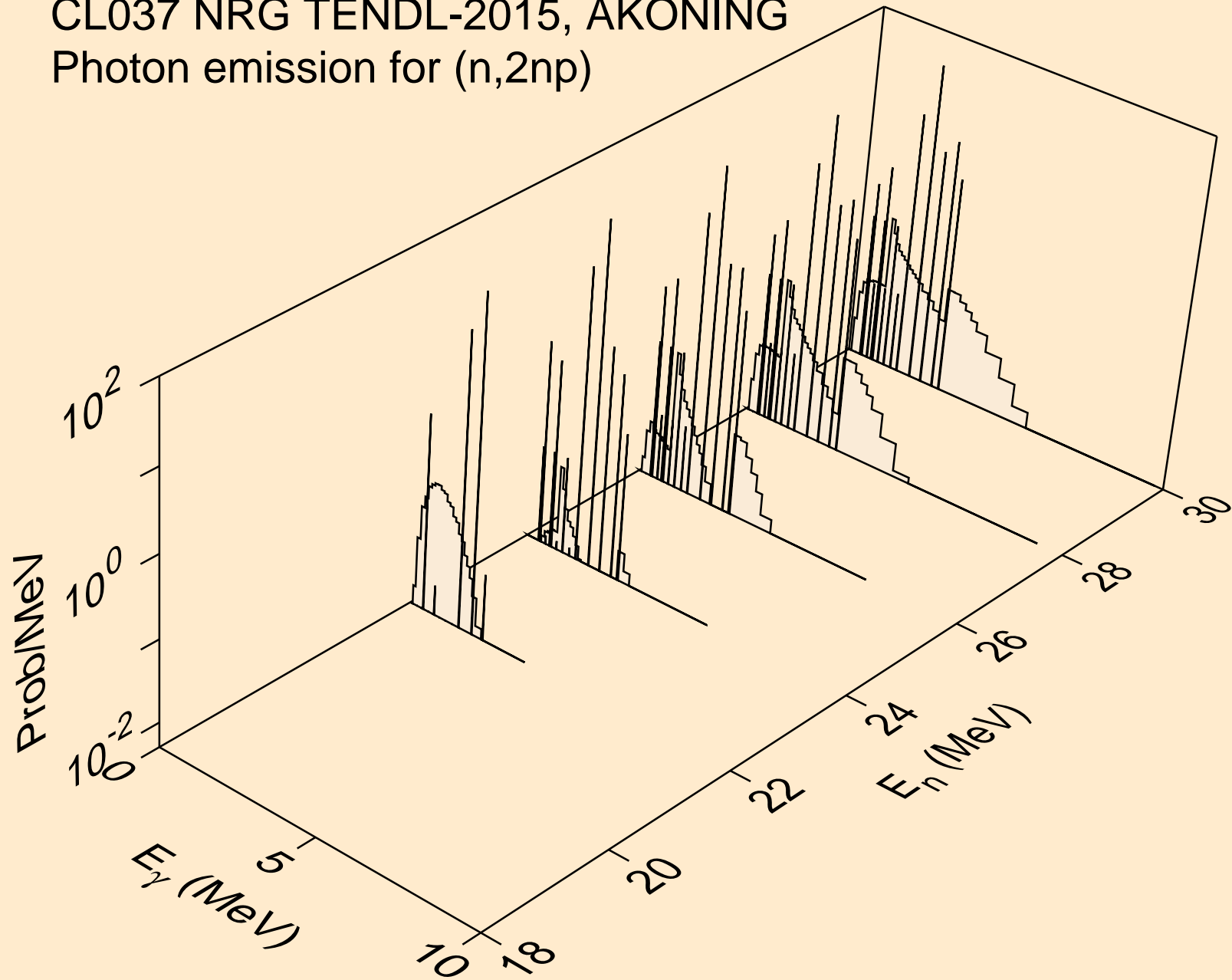
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



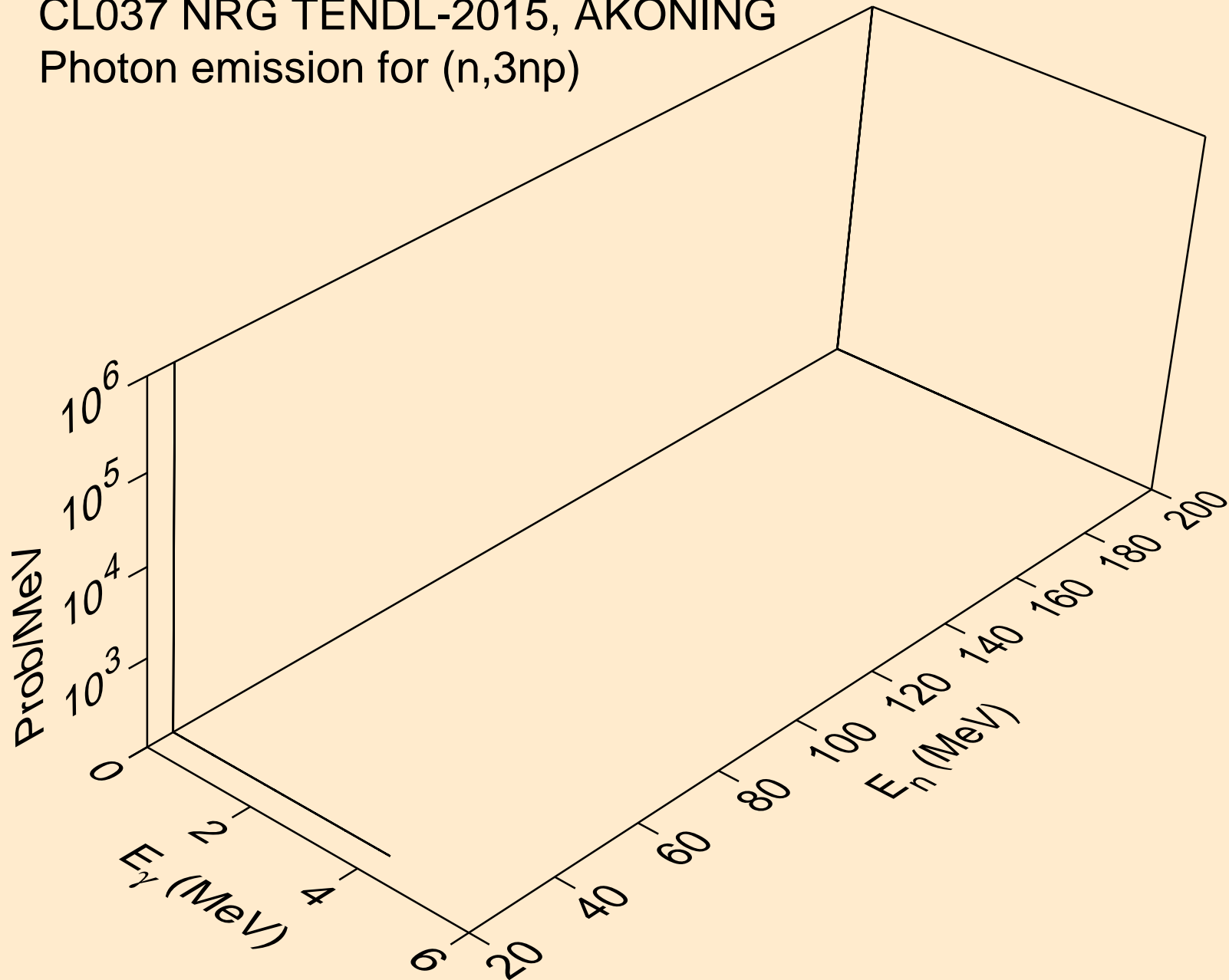
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



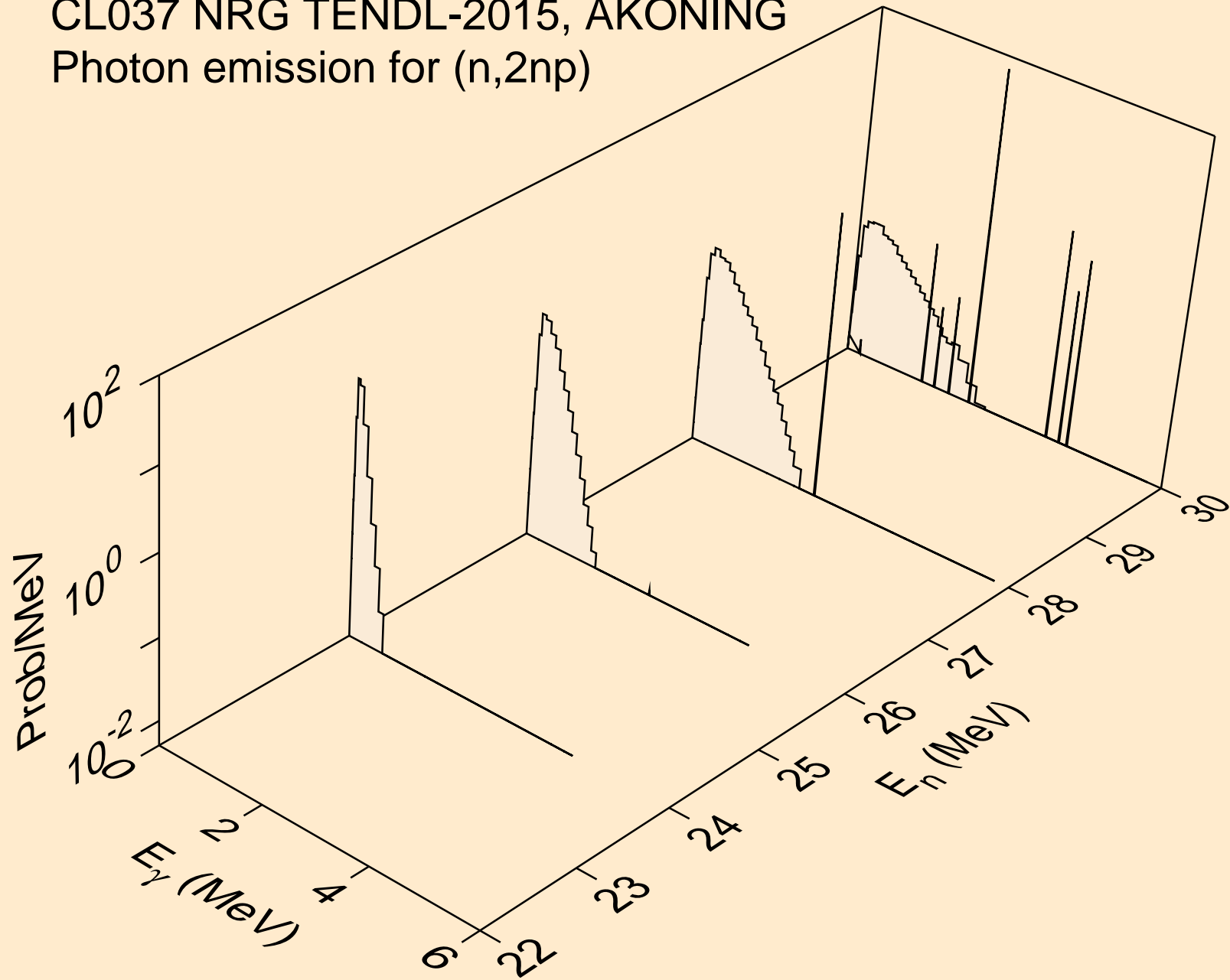
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



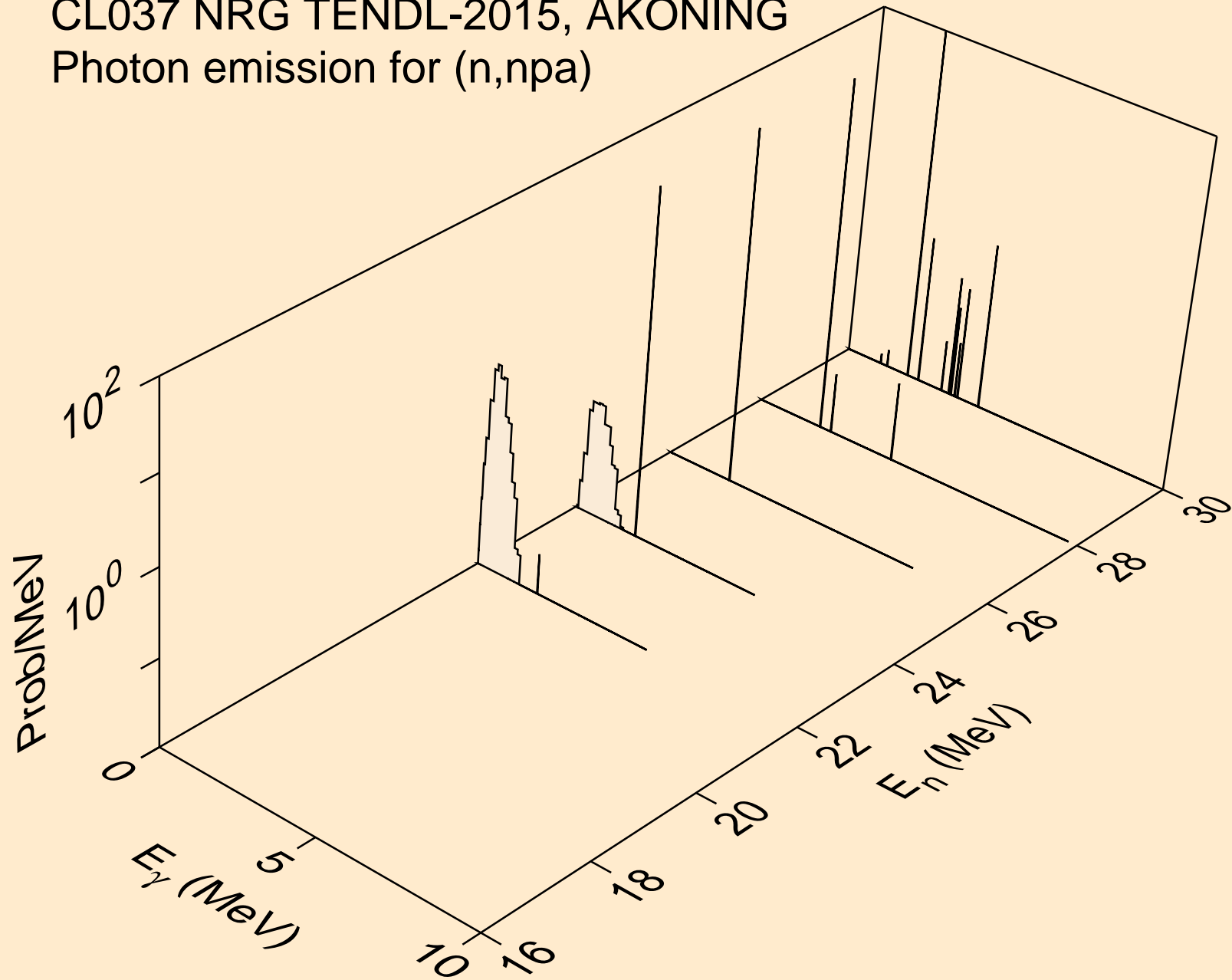
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

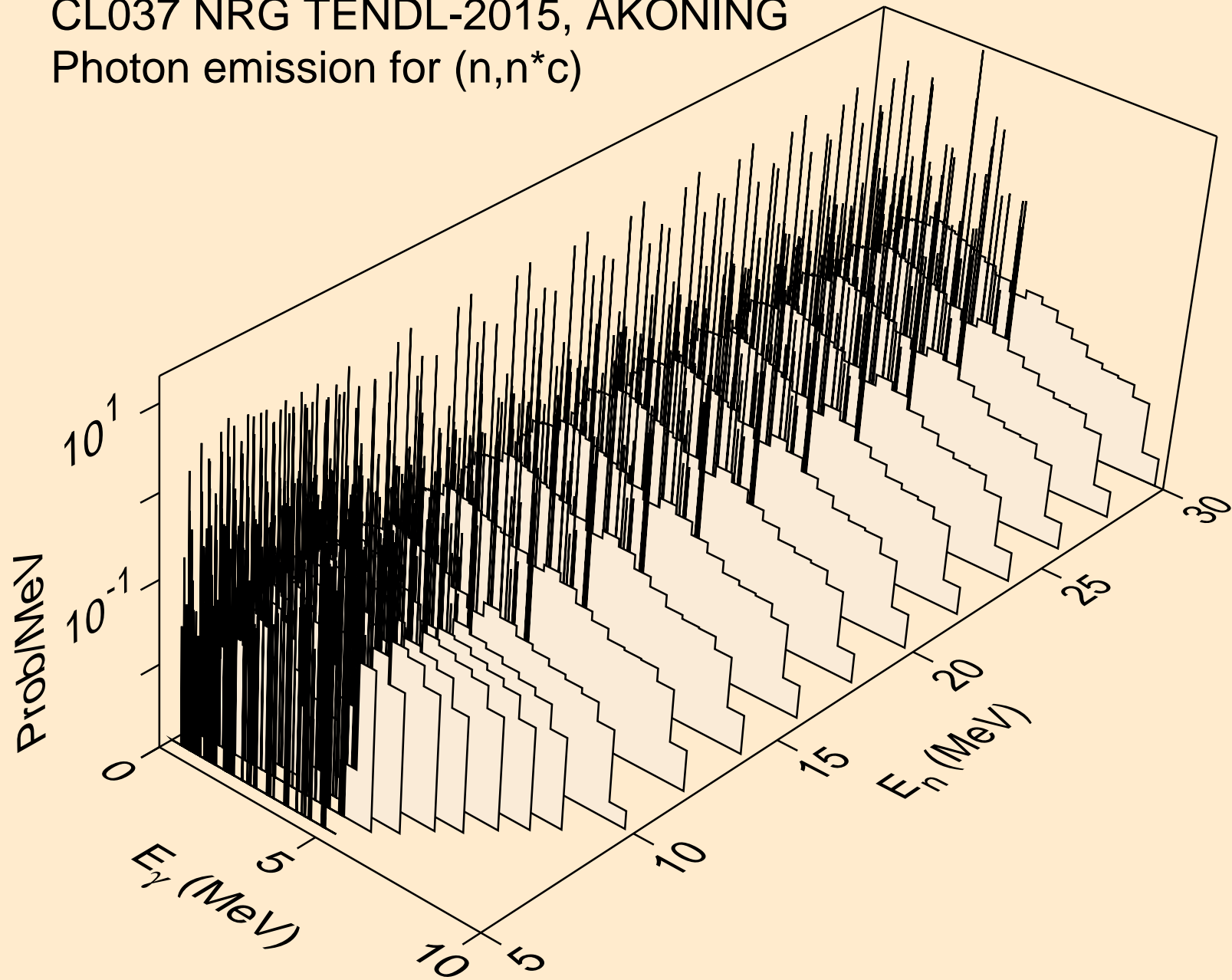


CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

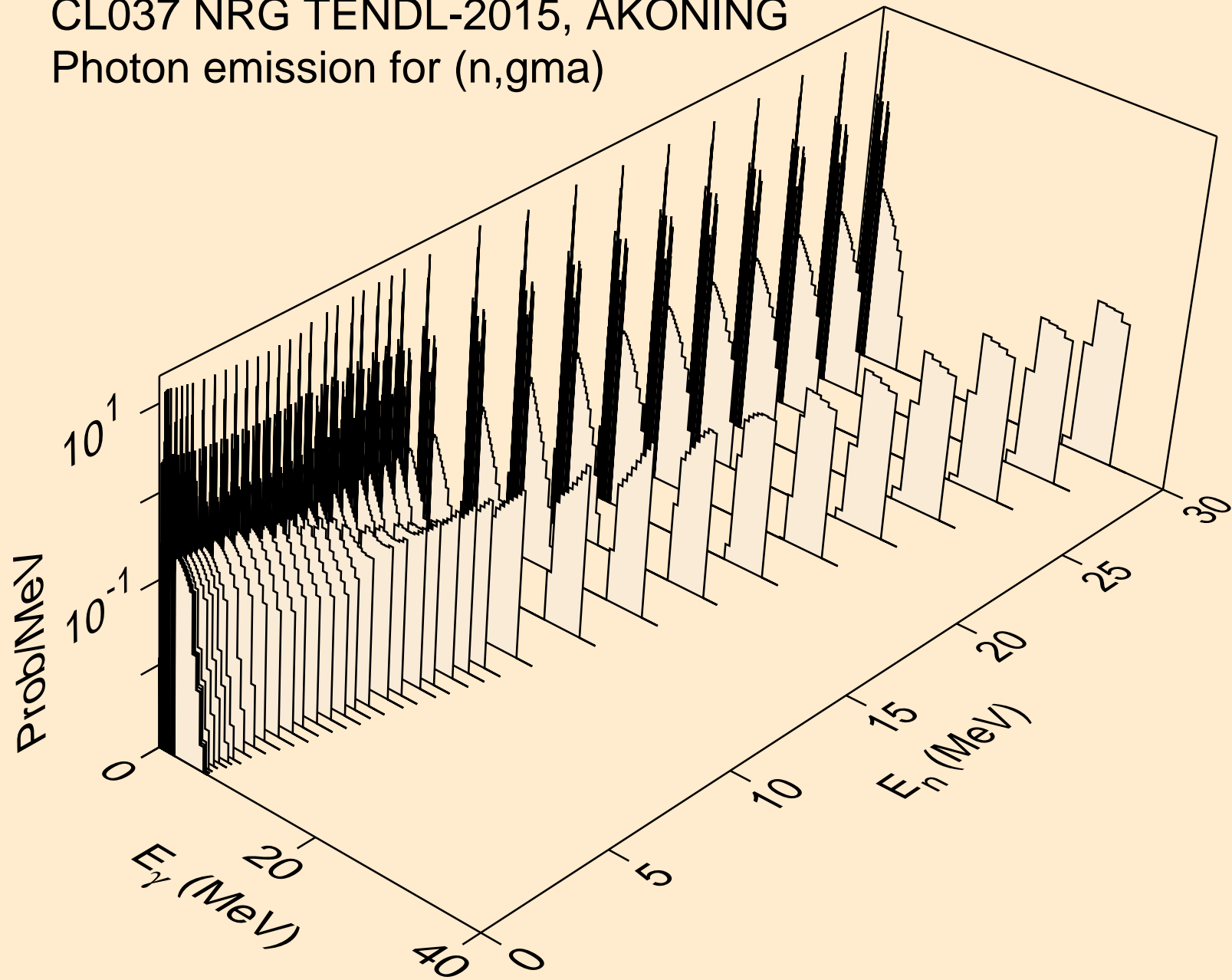




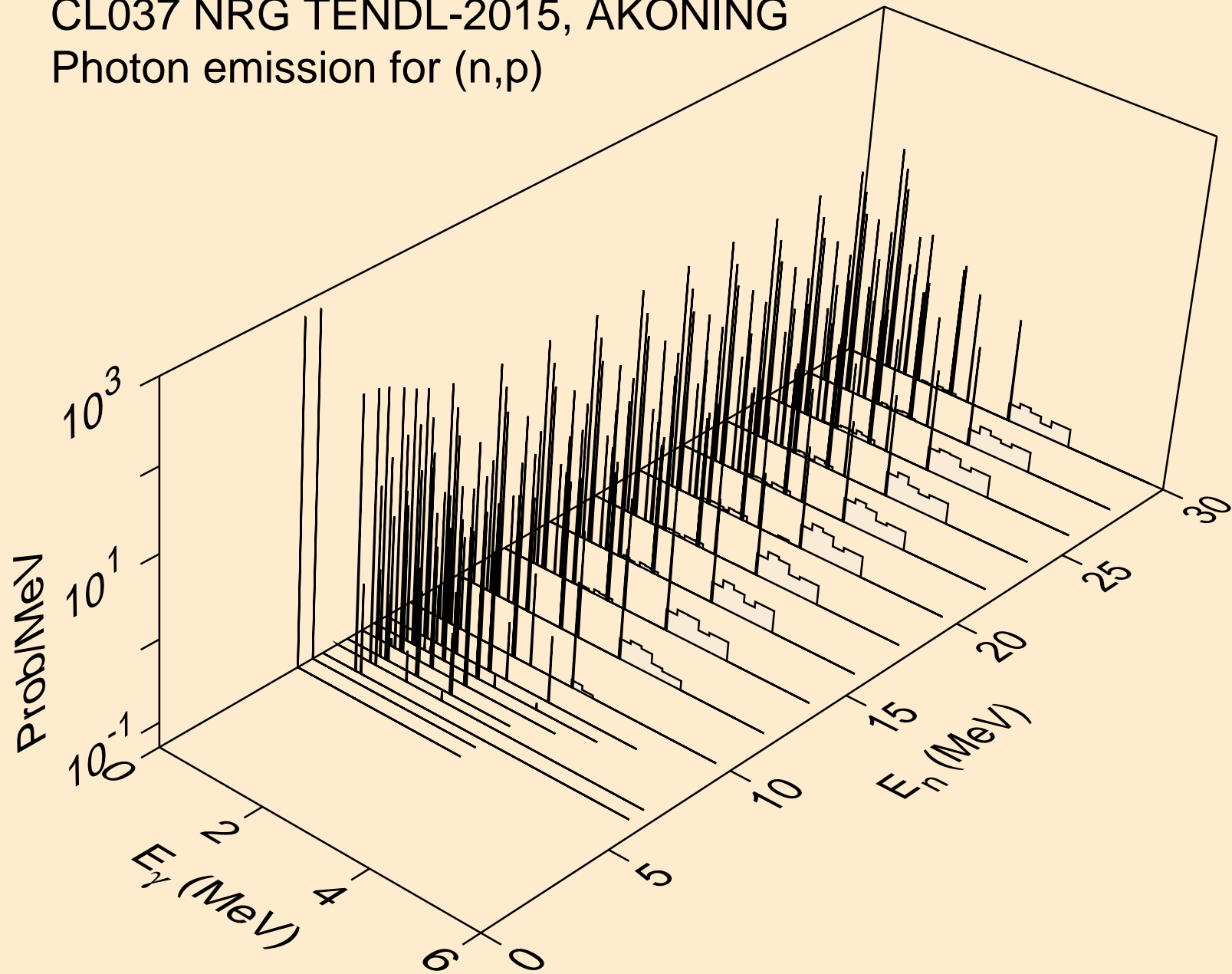
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



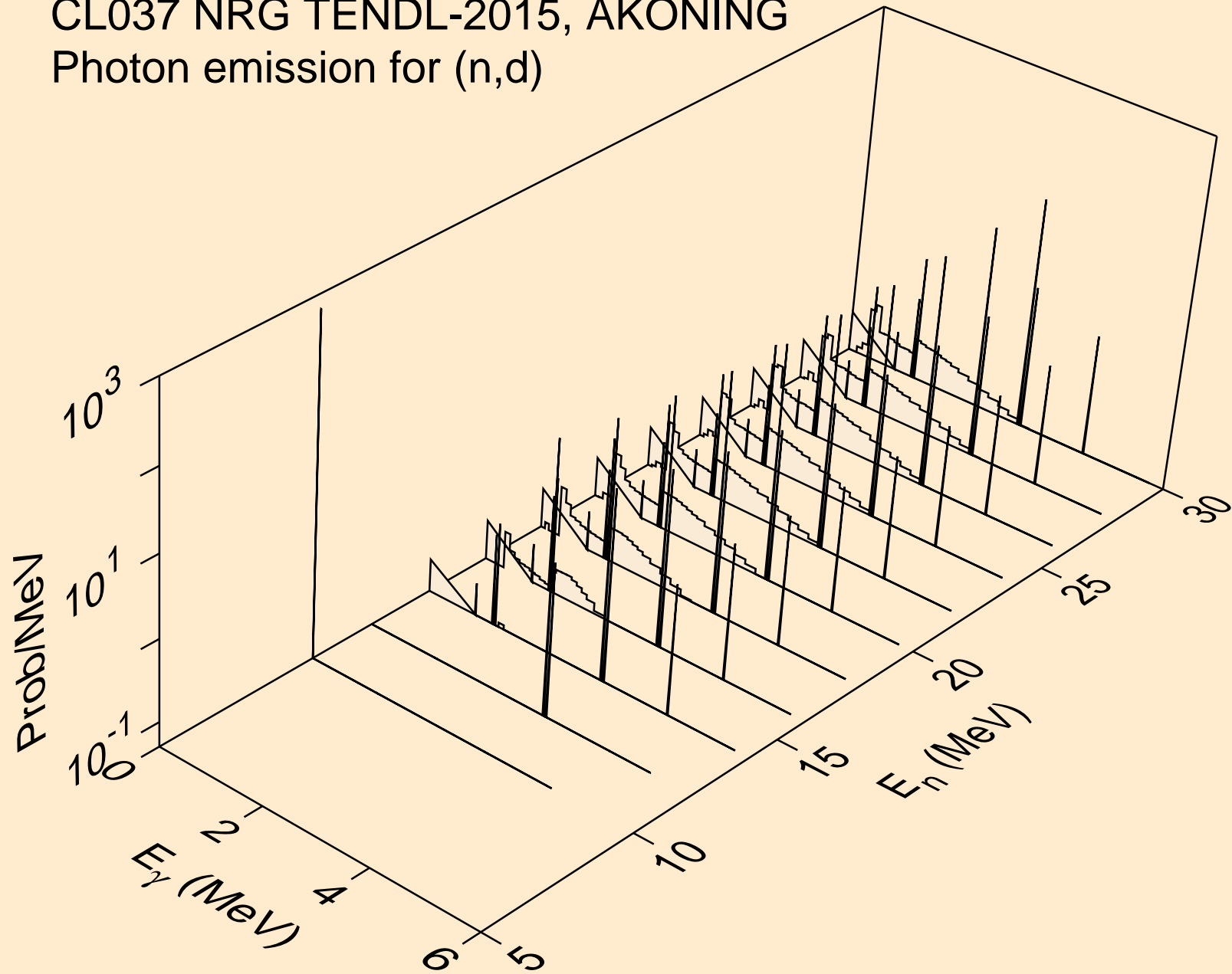
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



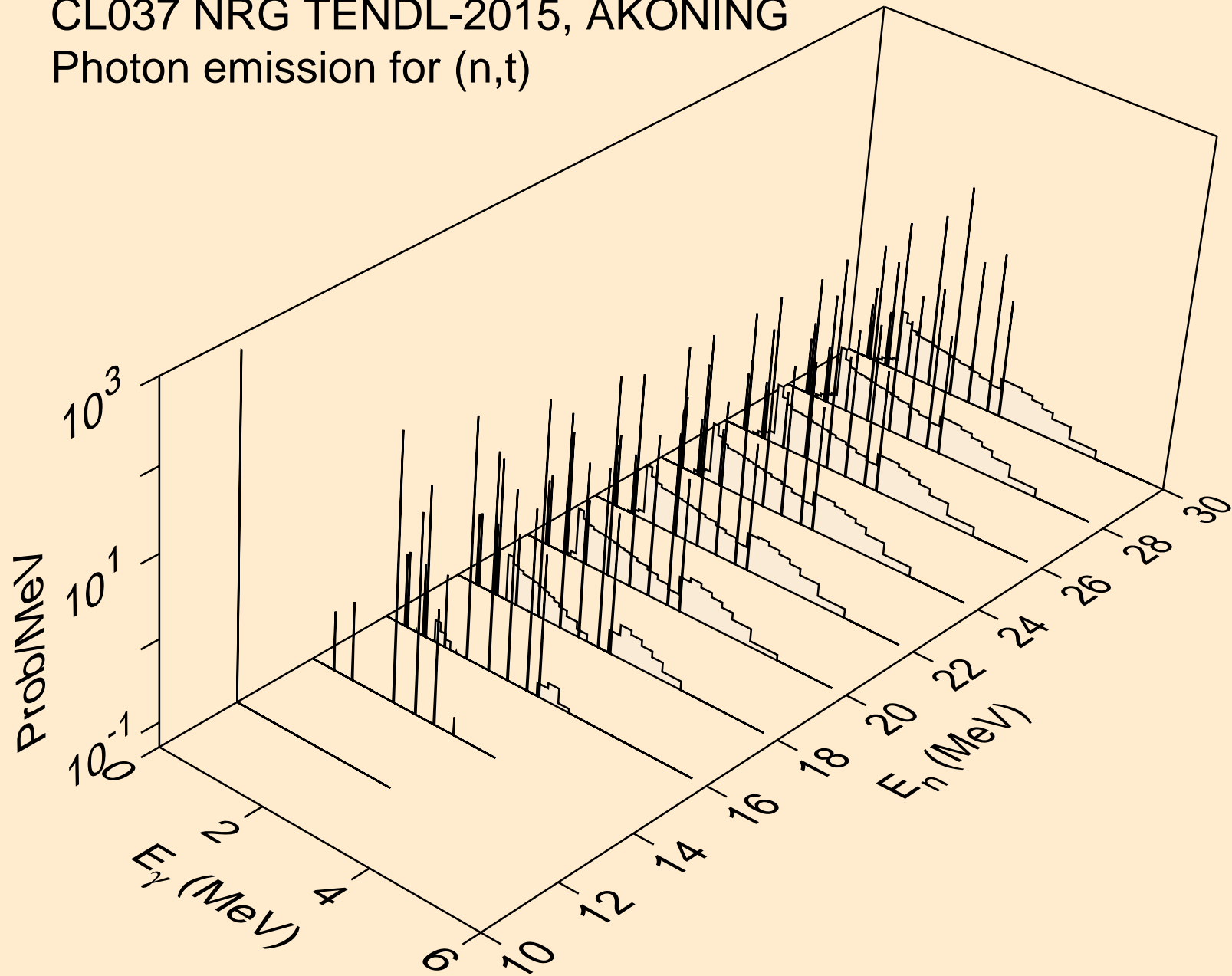
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



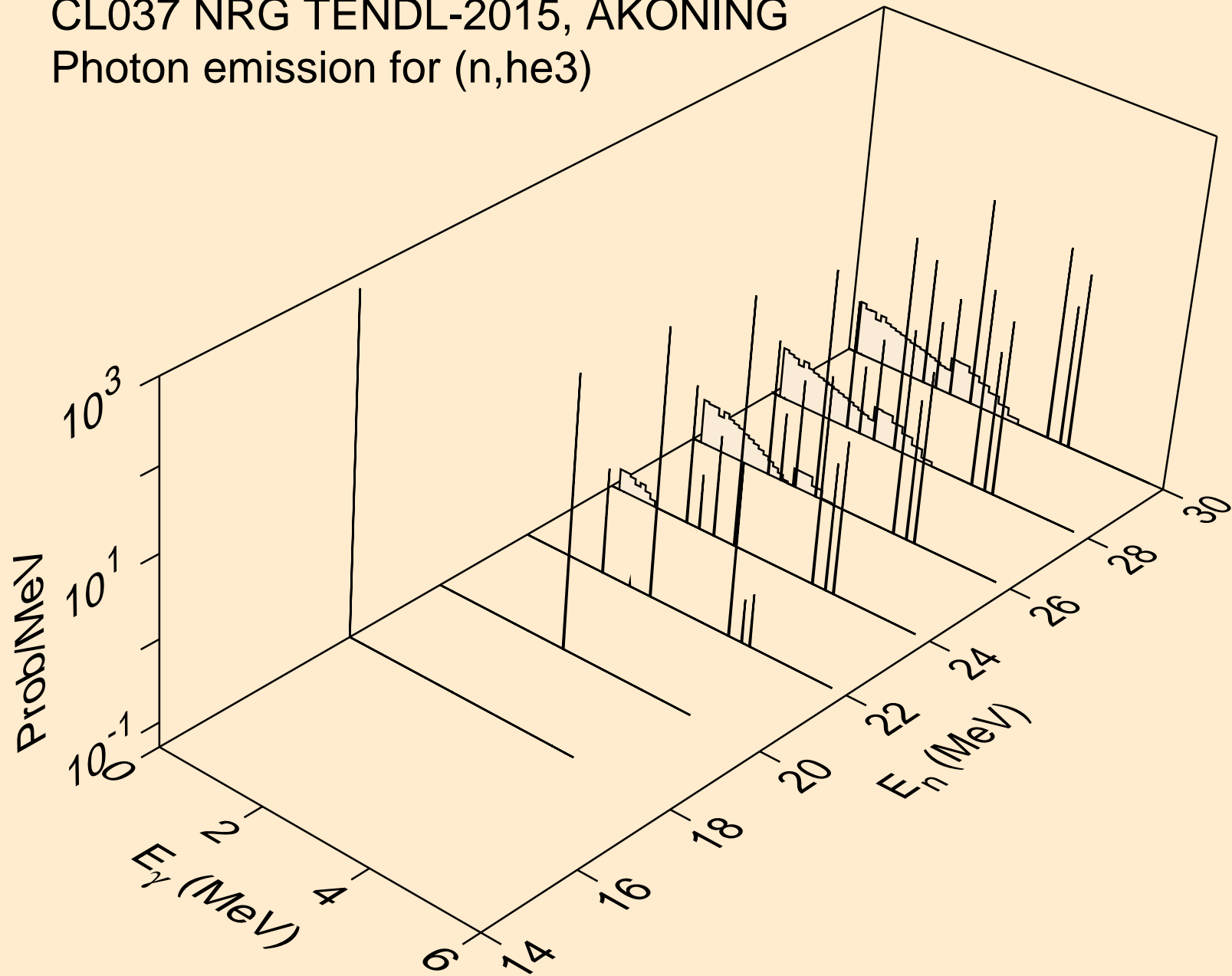
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



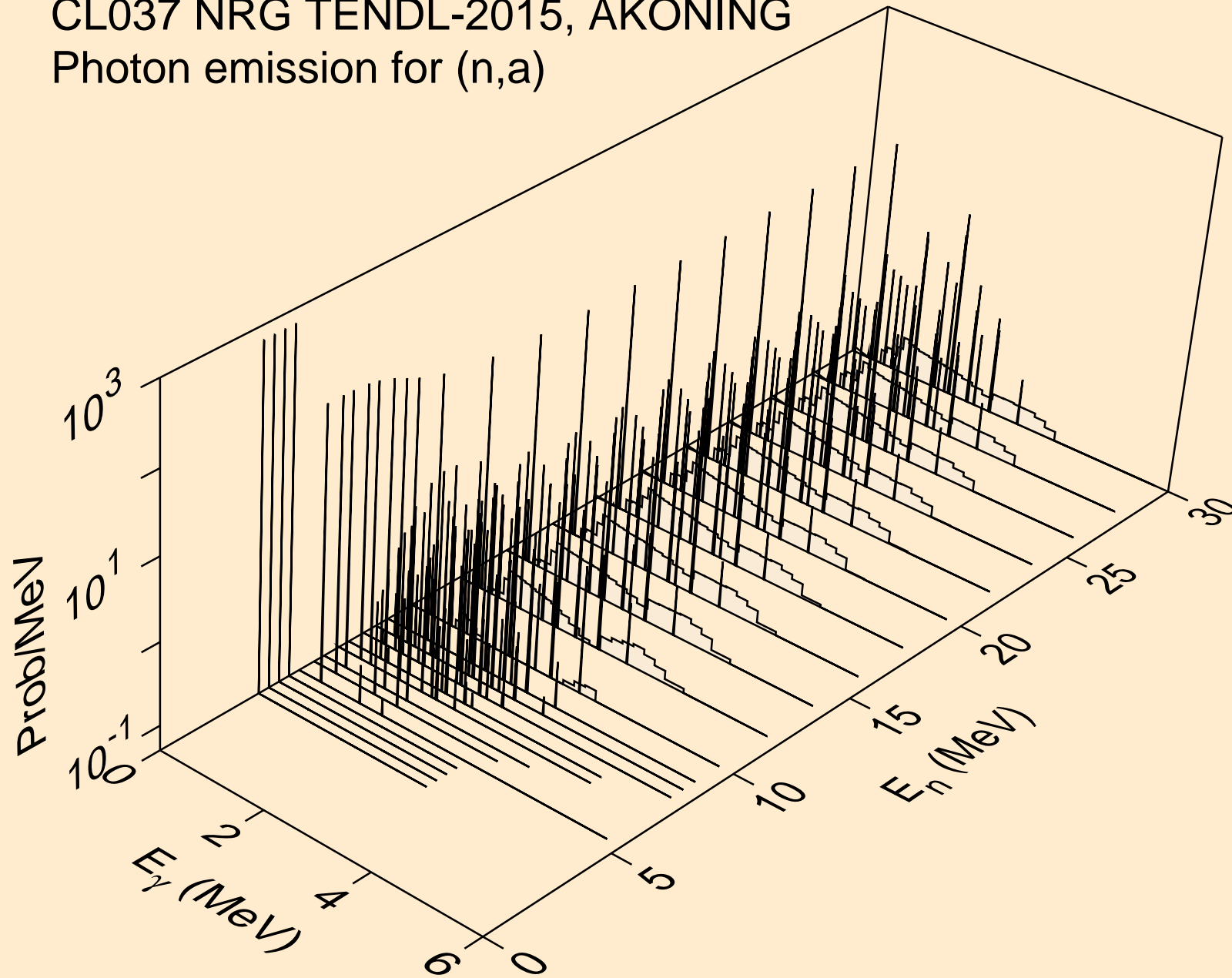
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



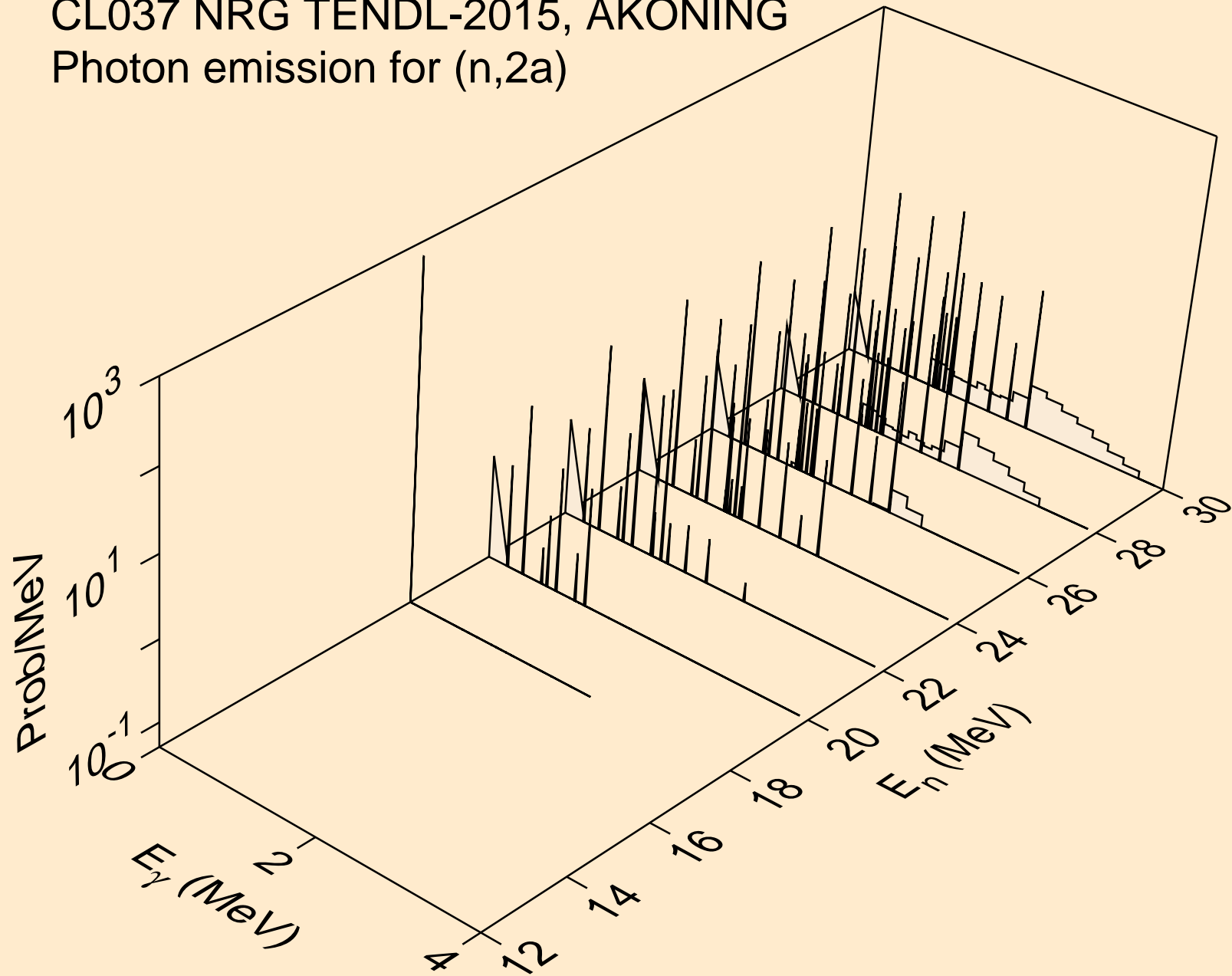
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

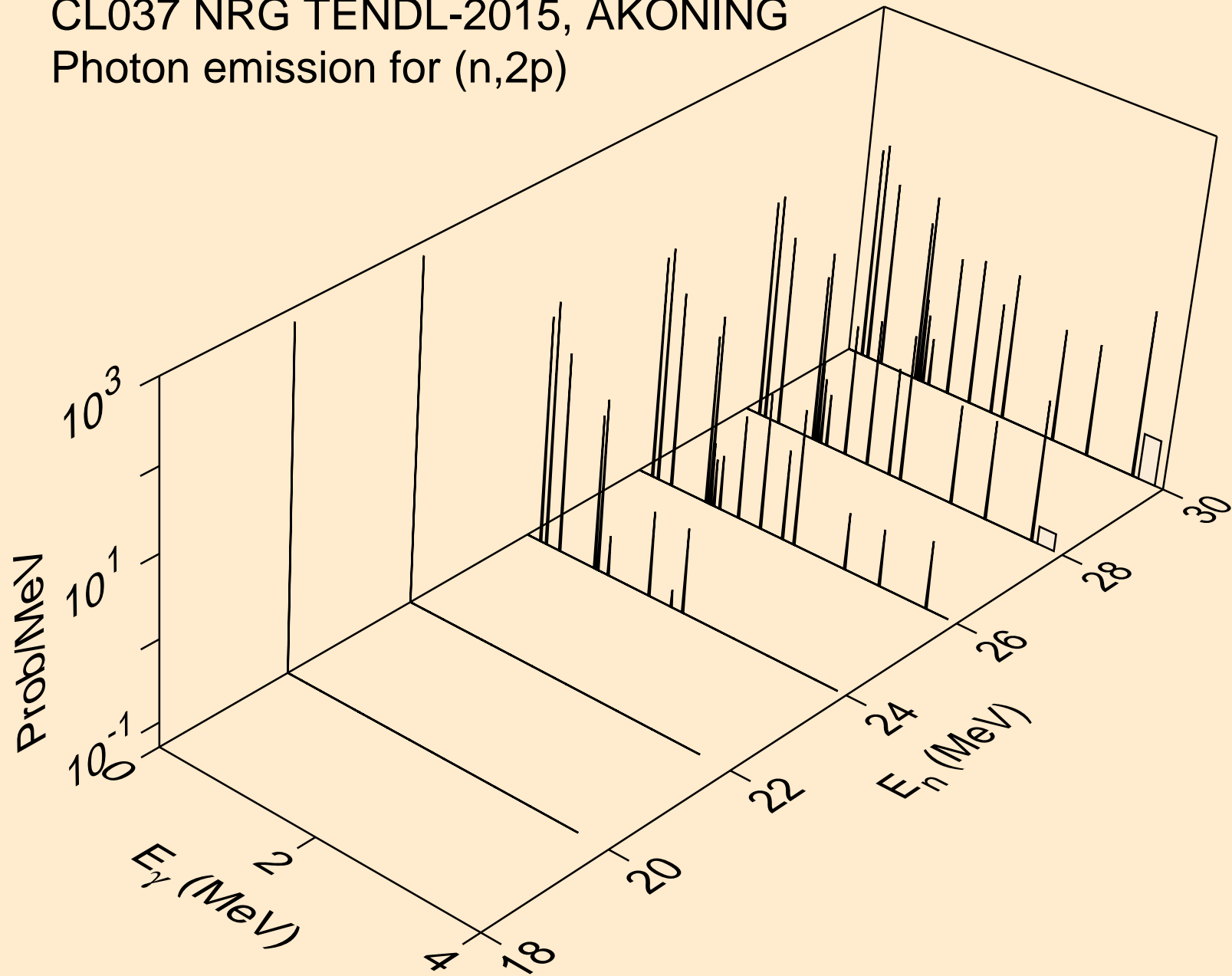


CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

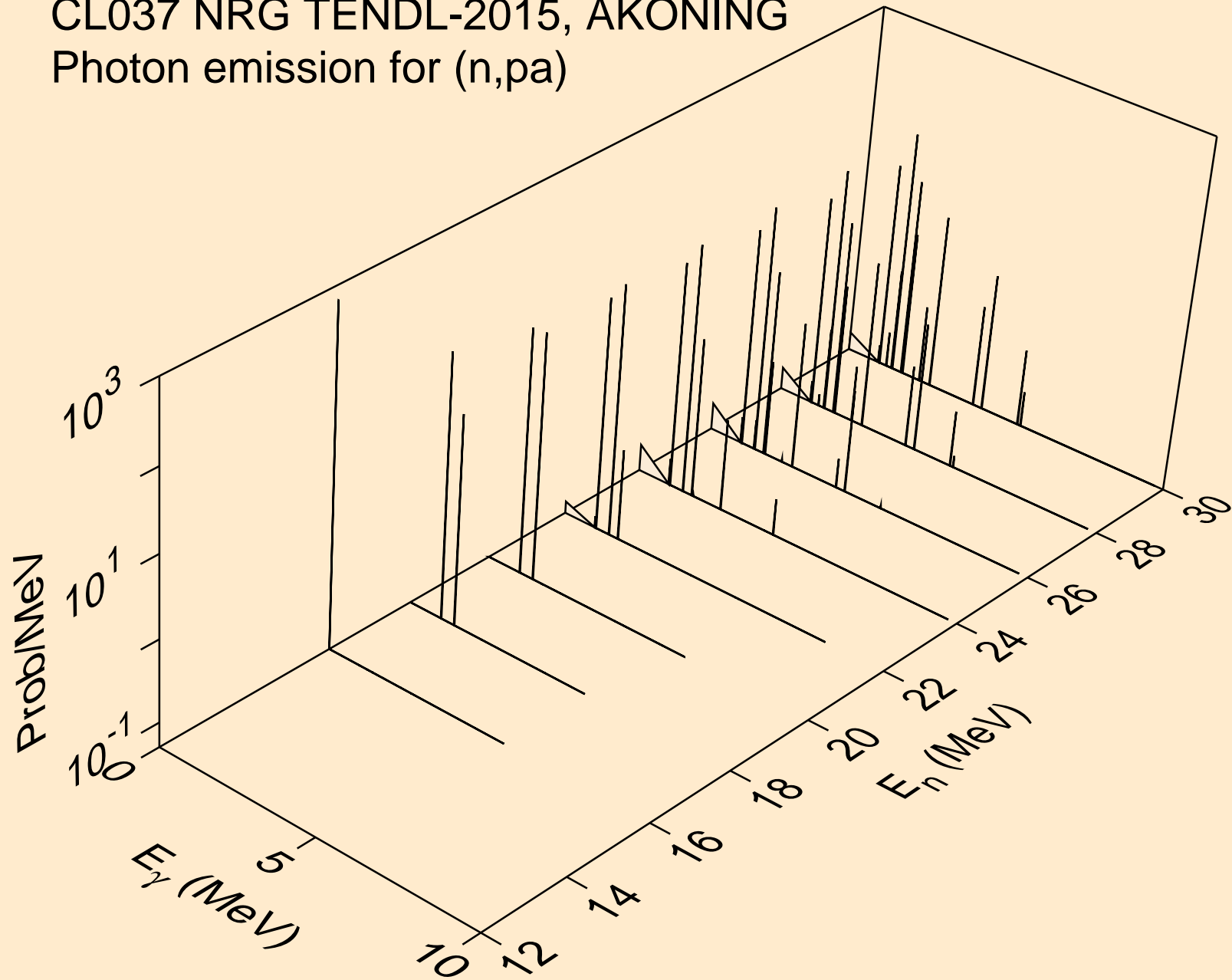




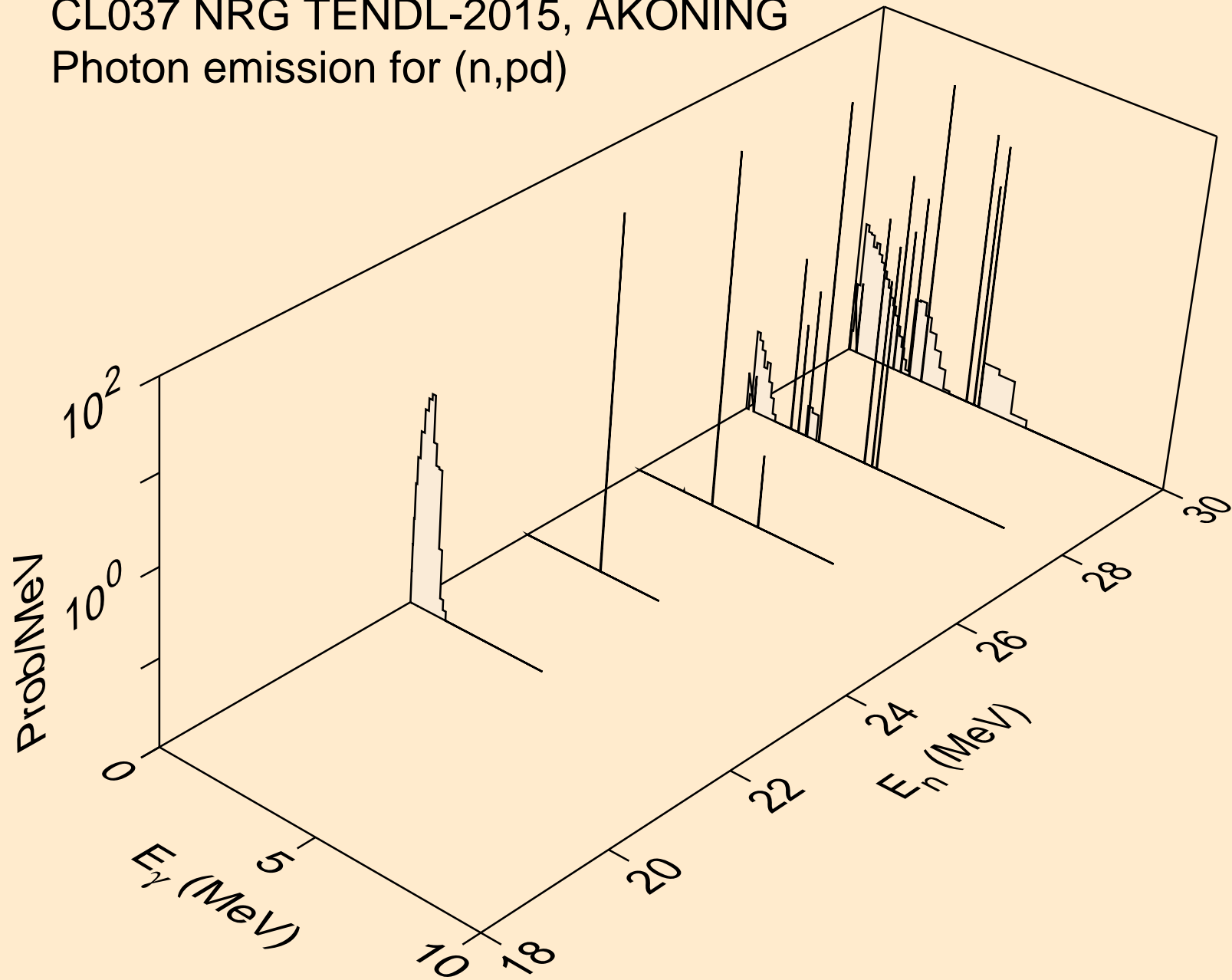
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



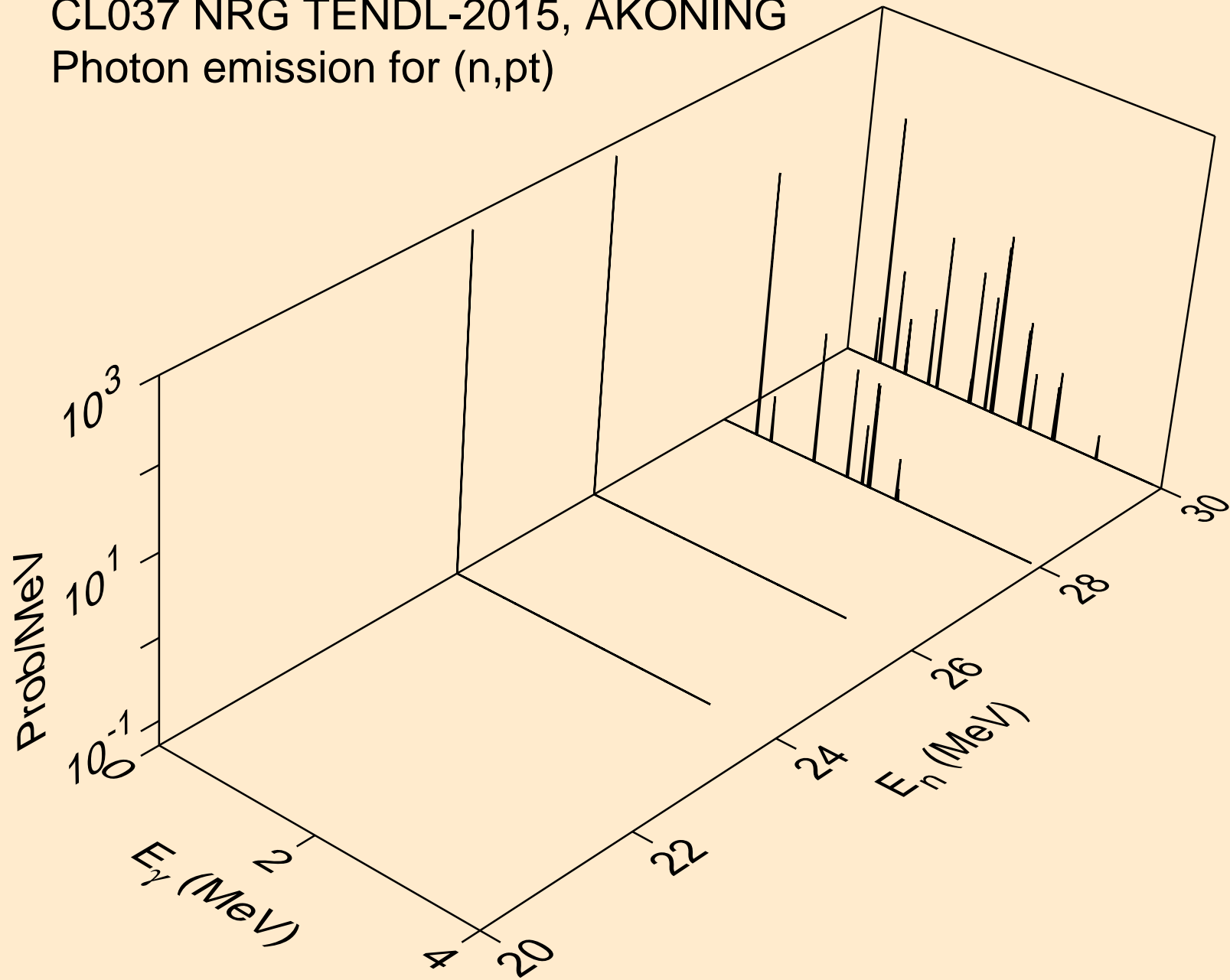
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



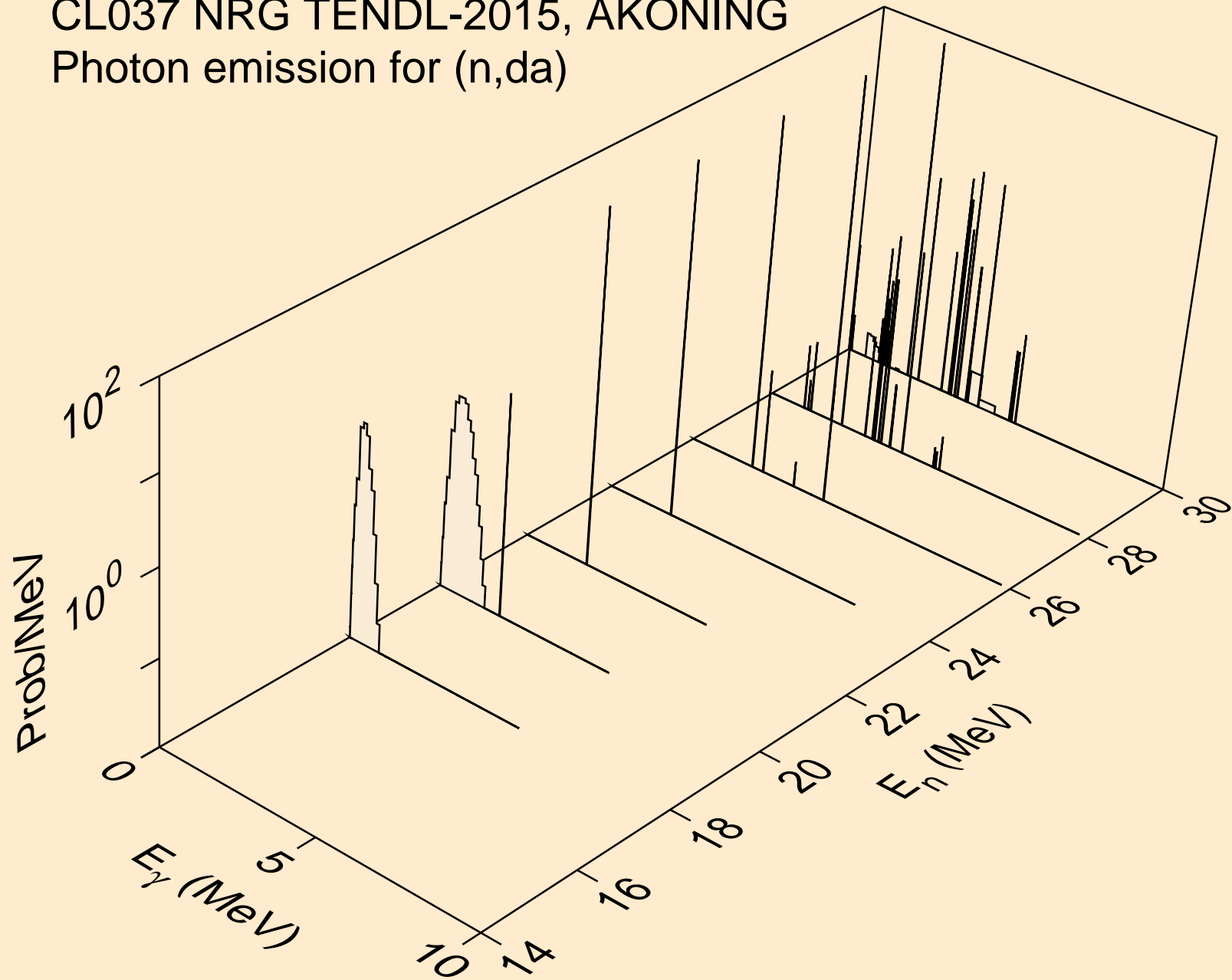
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



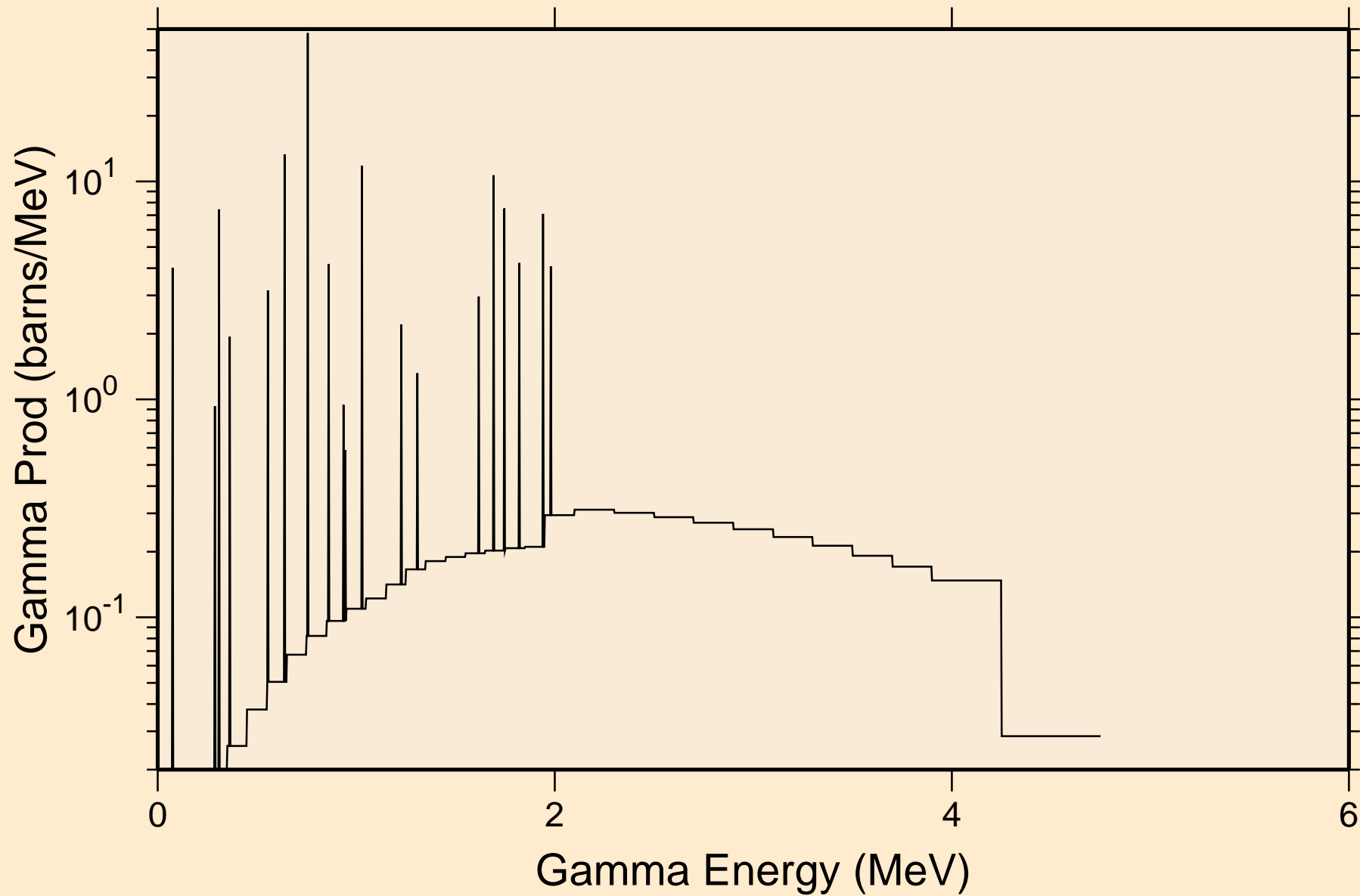
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



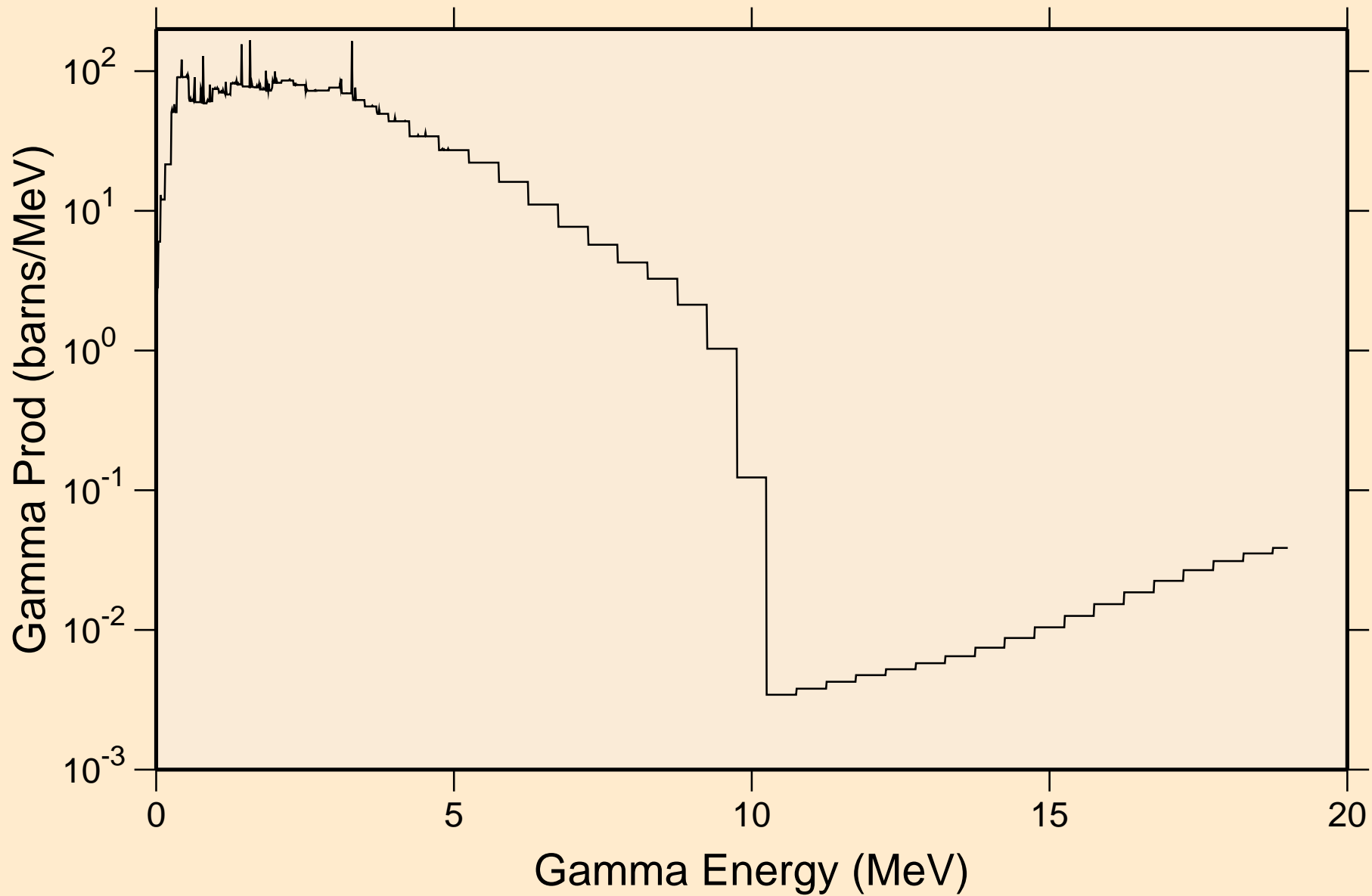
CL037 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CL037 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

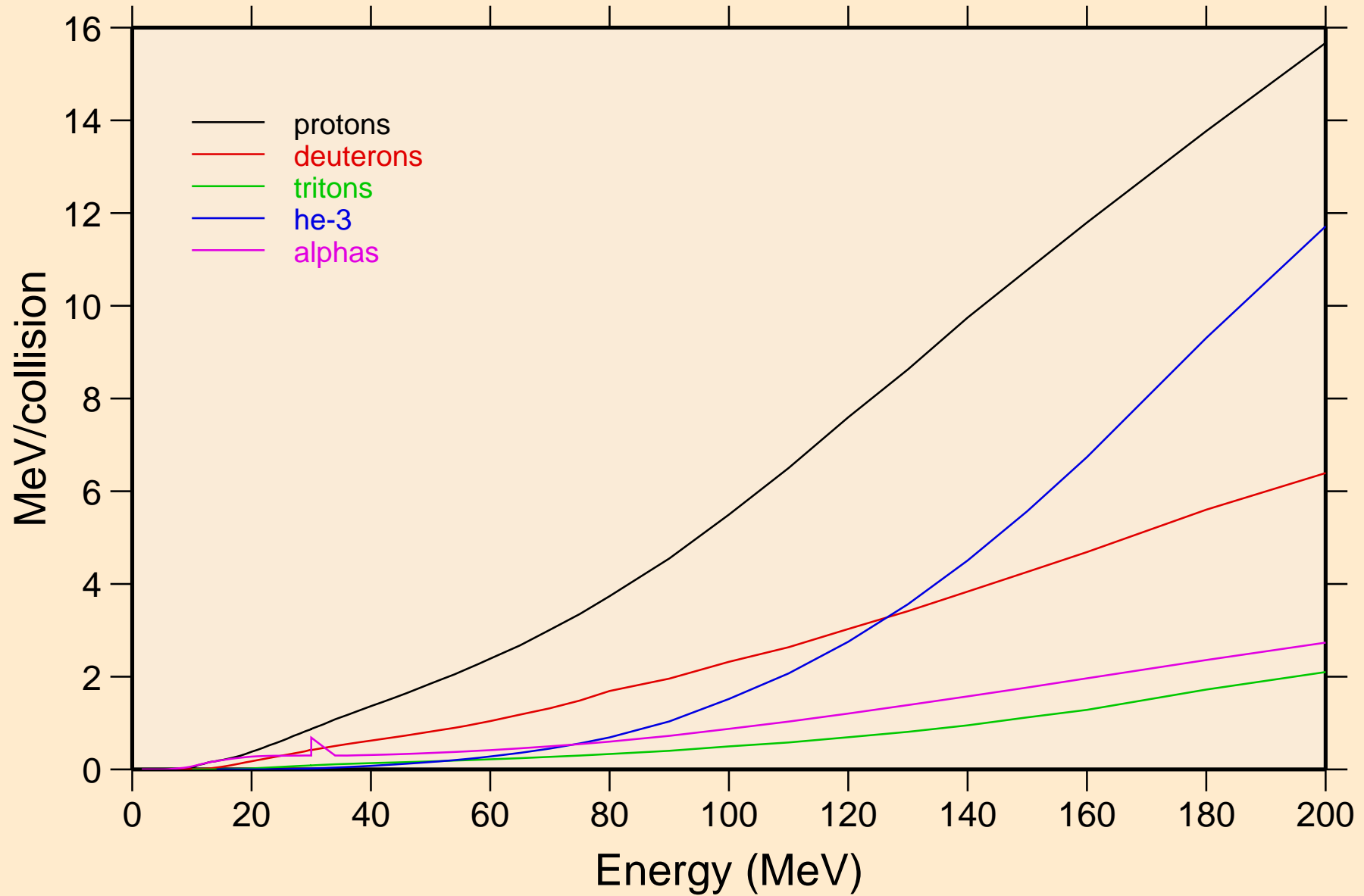


CL037 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# CL037 NRG TENDL-2015, AKONING

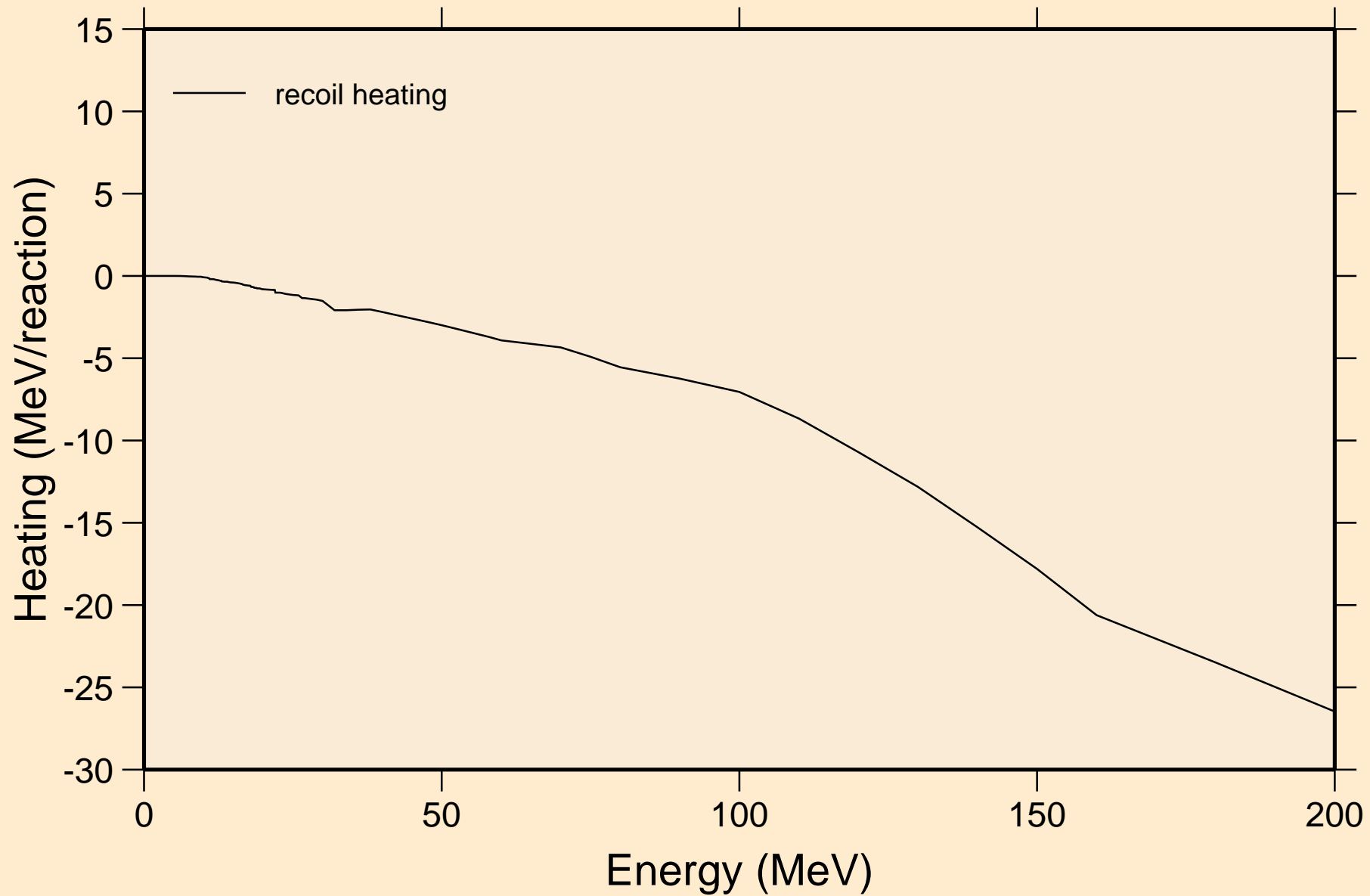
## Particle heating contributions





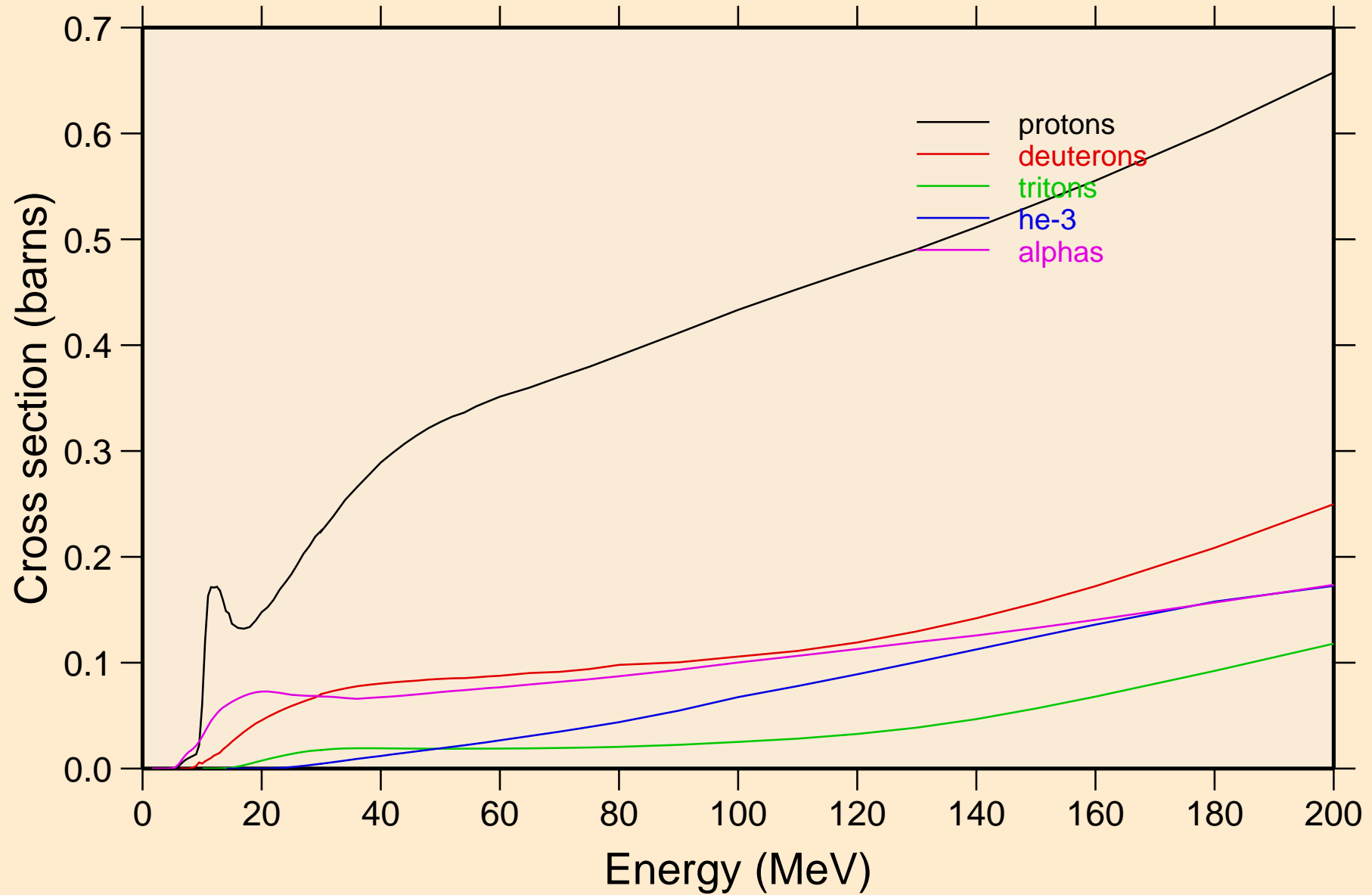
# CL037 NRG TENDL-2015, AKONING

## Recoil Heating

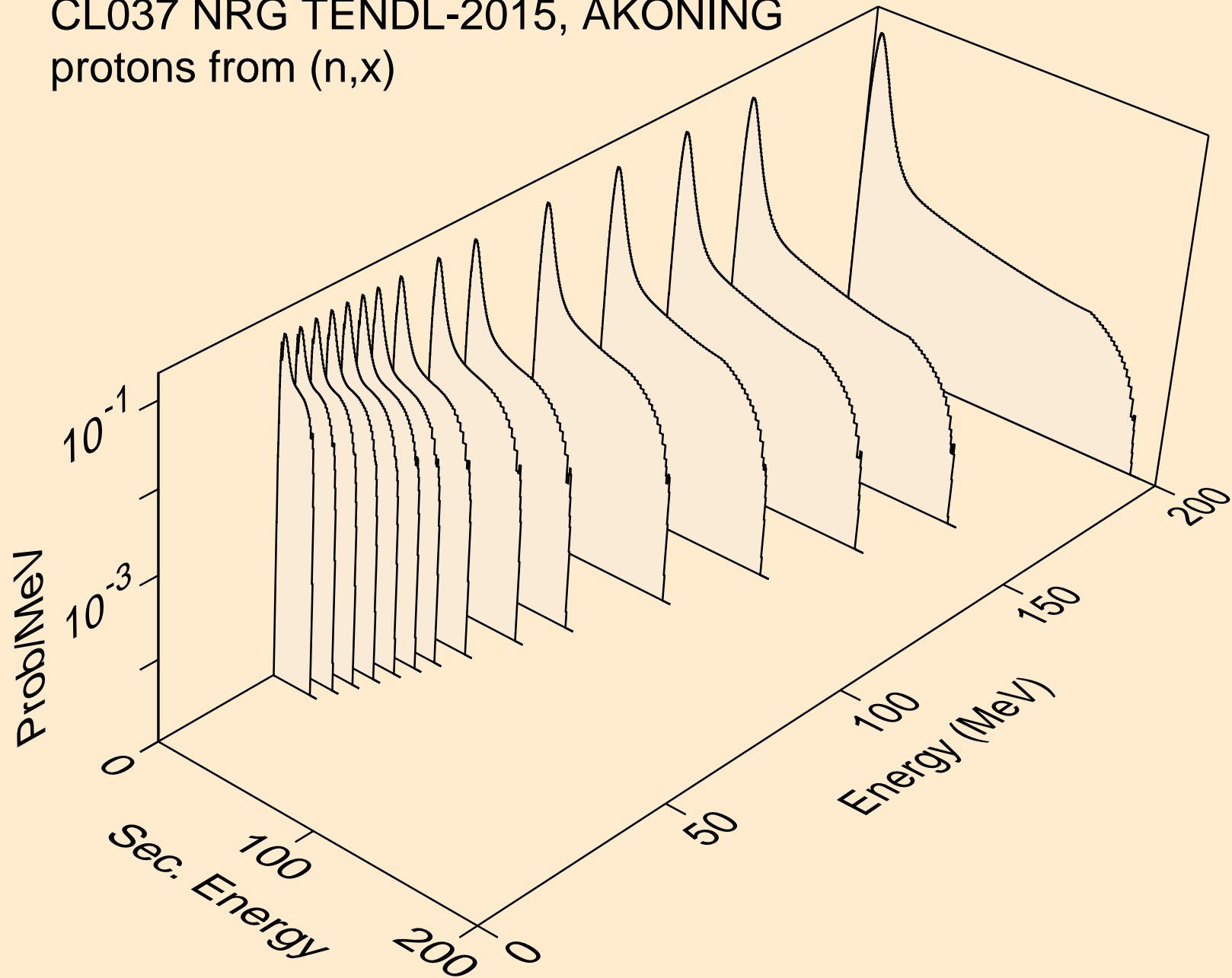


# CL037 NRG TENDL-2015, AKONING

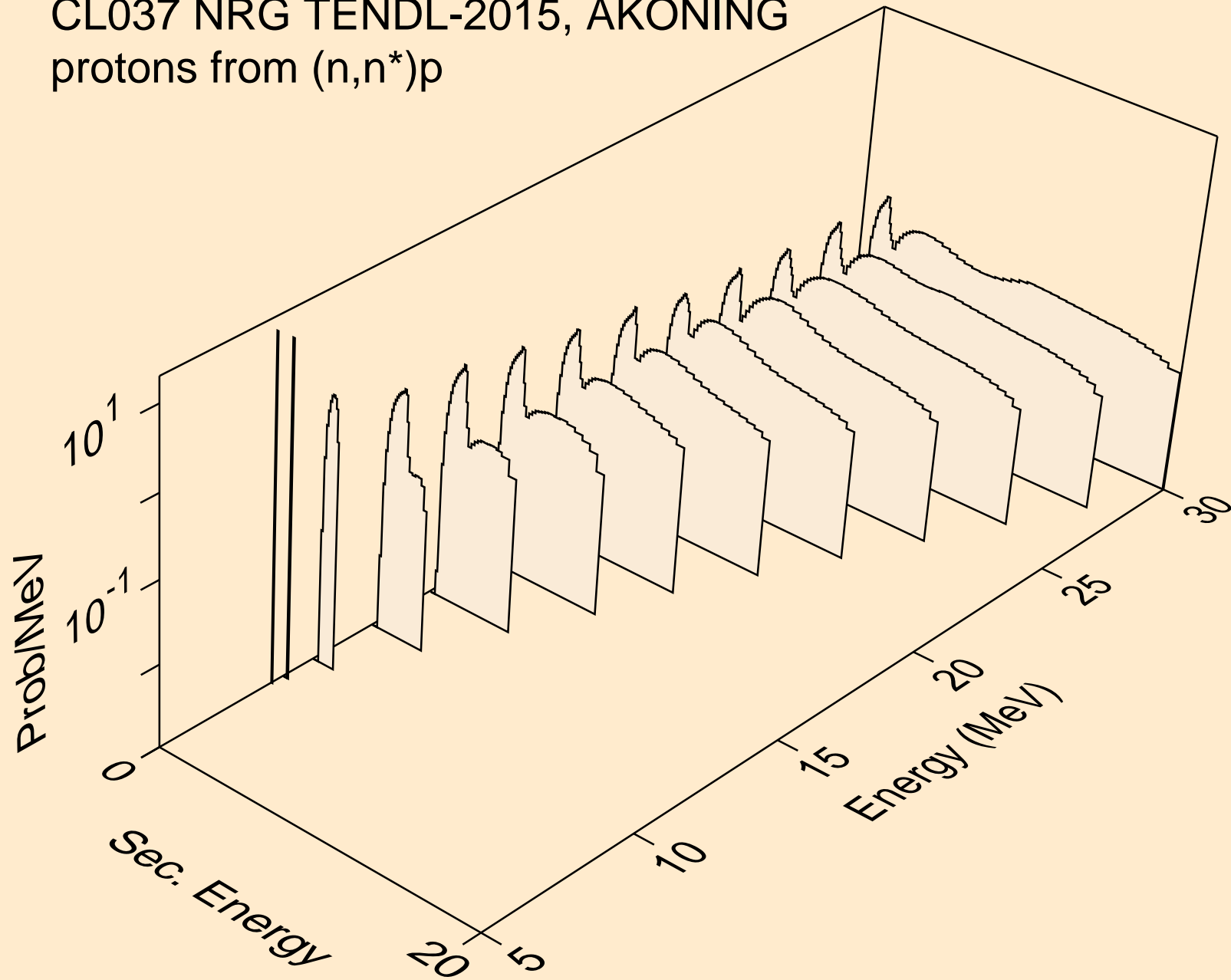
## Particle production cross sections



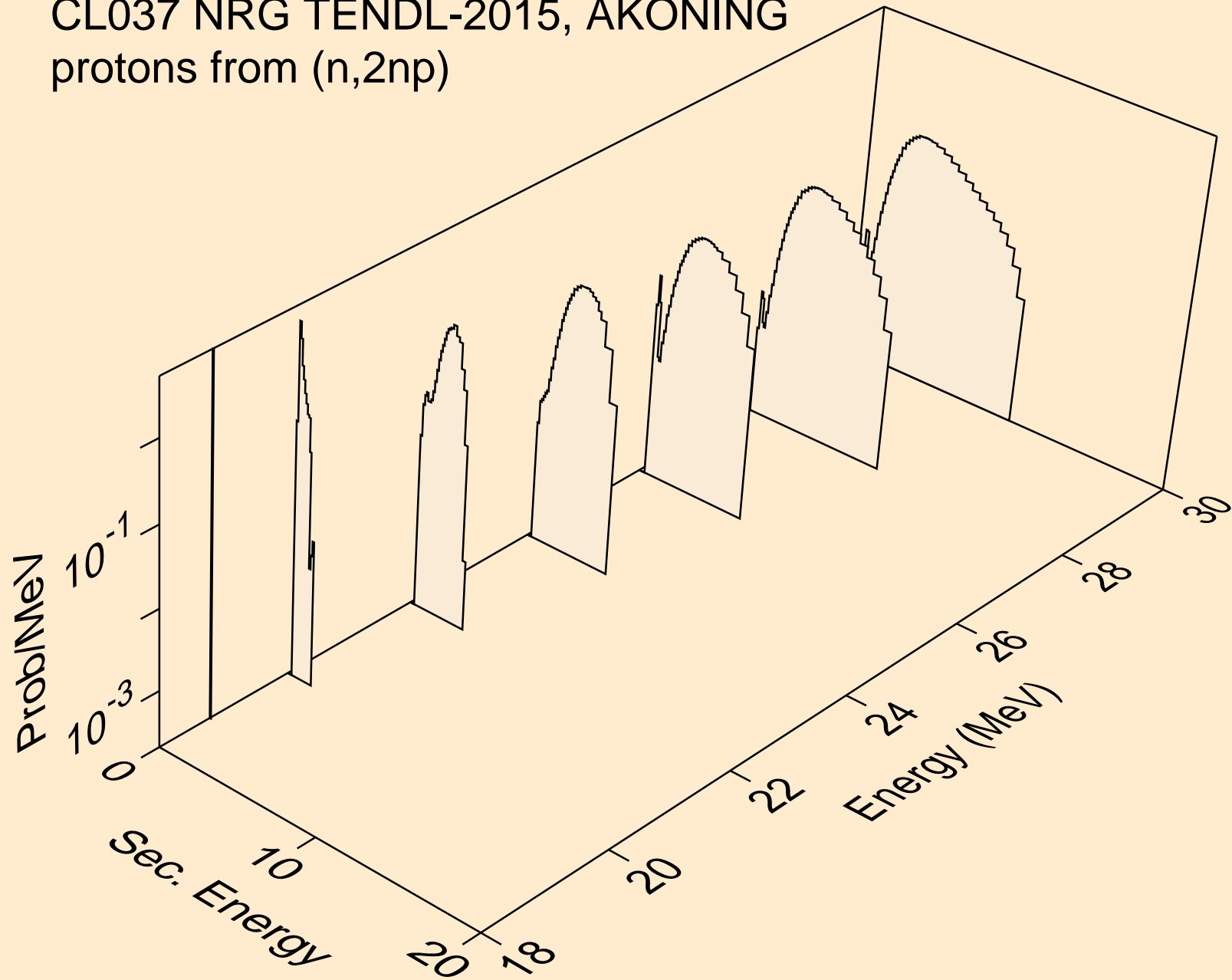
CL037 NRG TENDL-2015, AKONING  
protons from (n,x)



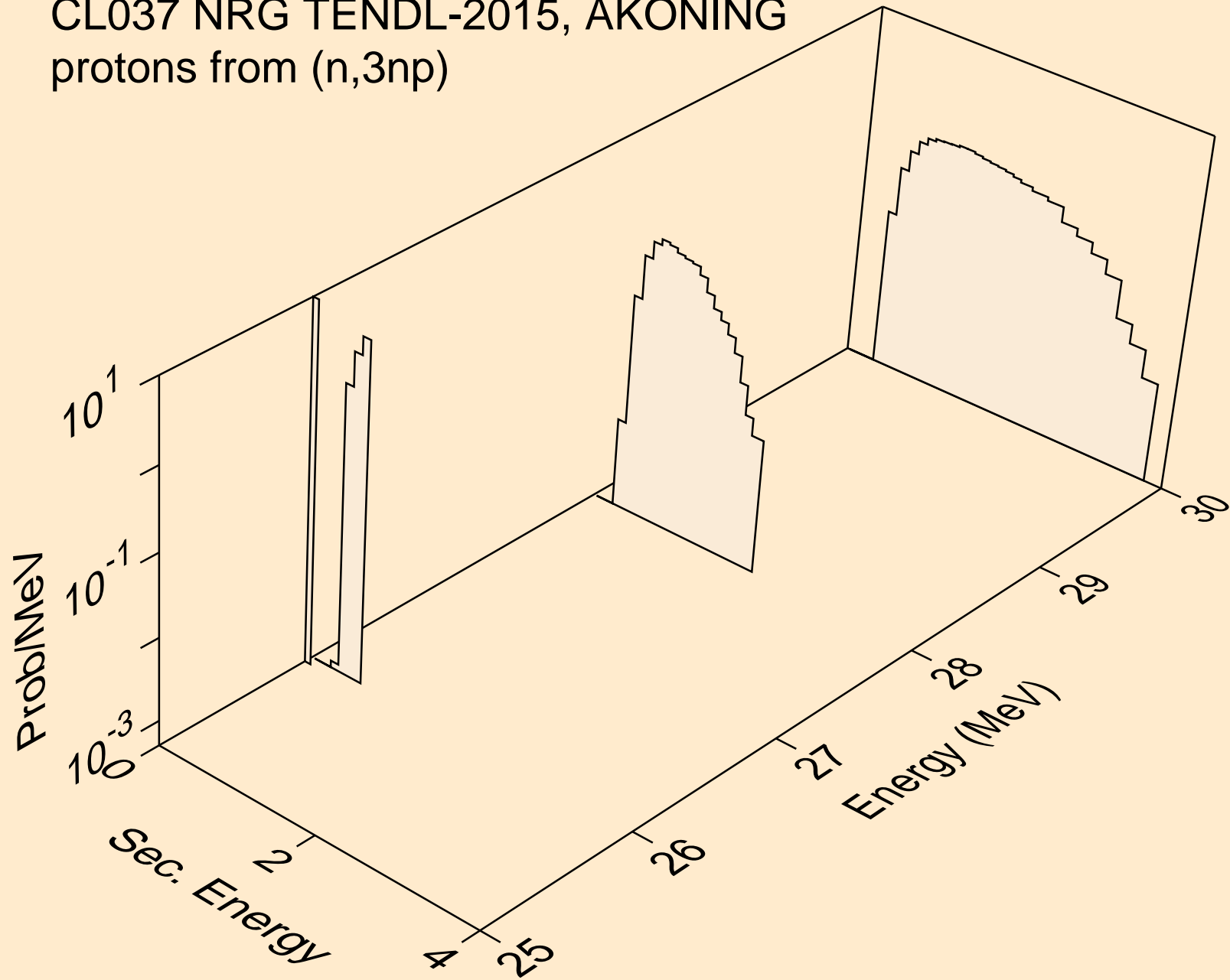
CL037 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



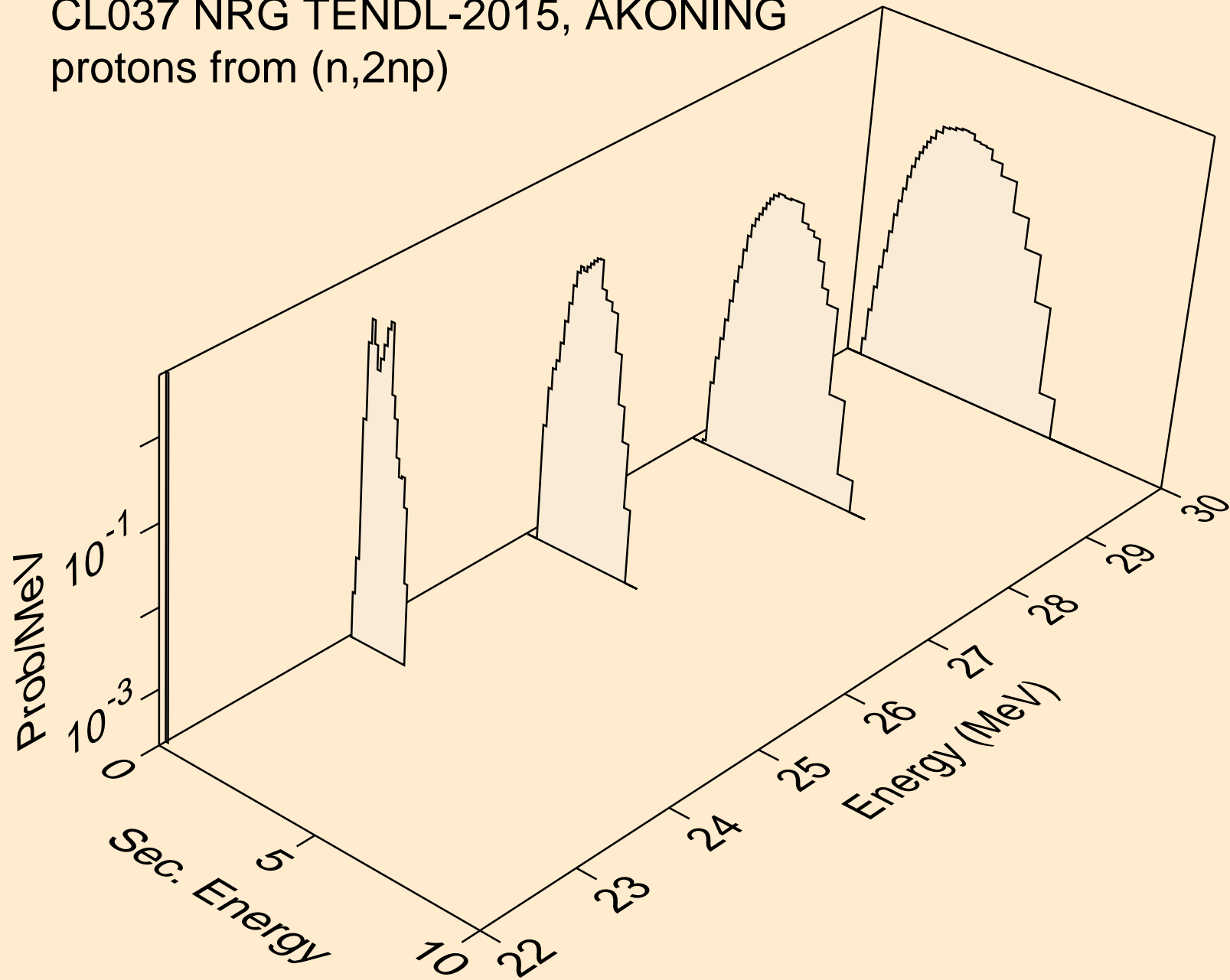
CL037 NRG TENDL-2015, AKONING  
protons from (n,2np)



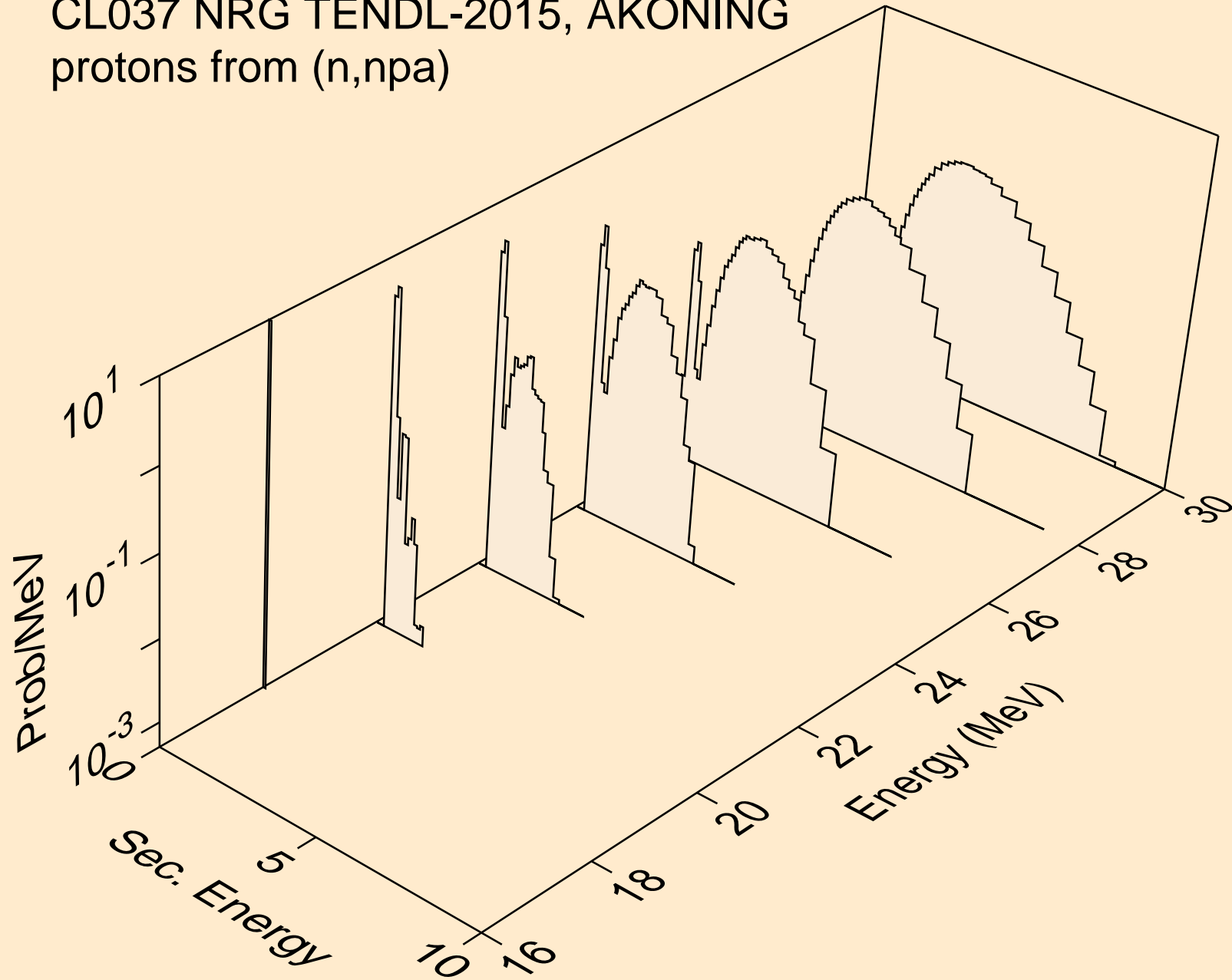
CL037 NRG TENDL-2015, AKONING  
protons from (n,3np)



CL037 NRG TENDL-2015, AKONING  
protons from (n,2np)

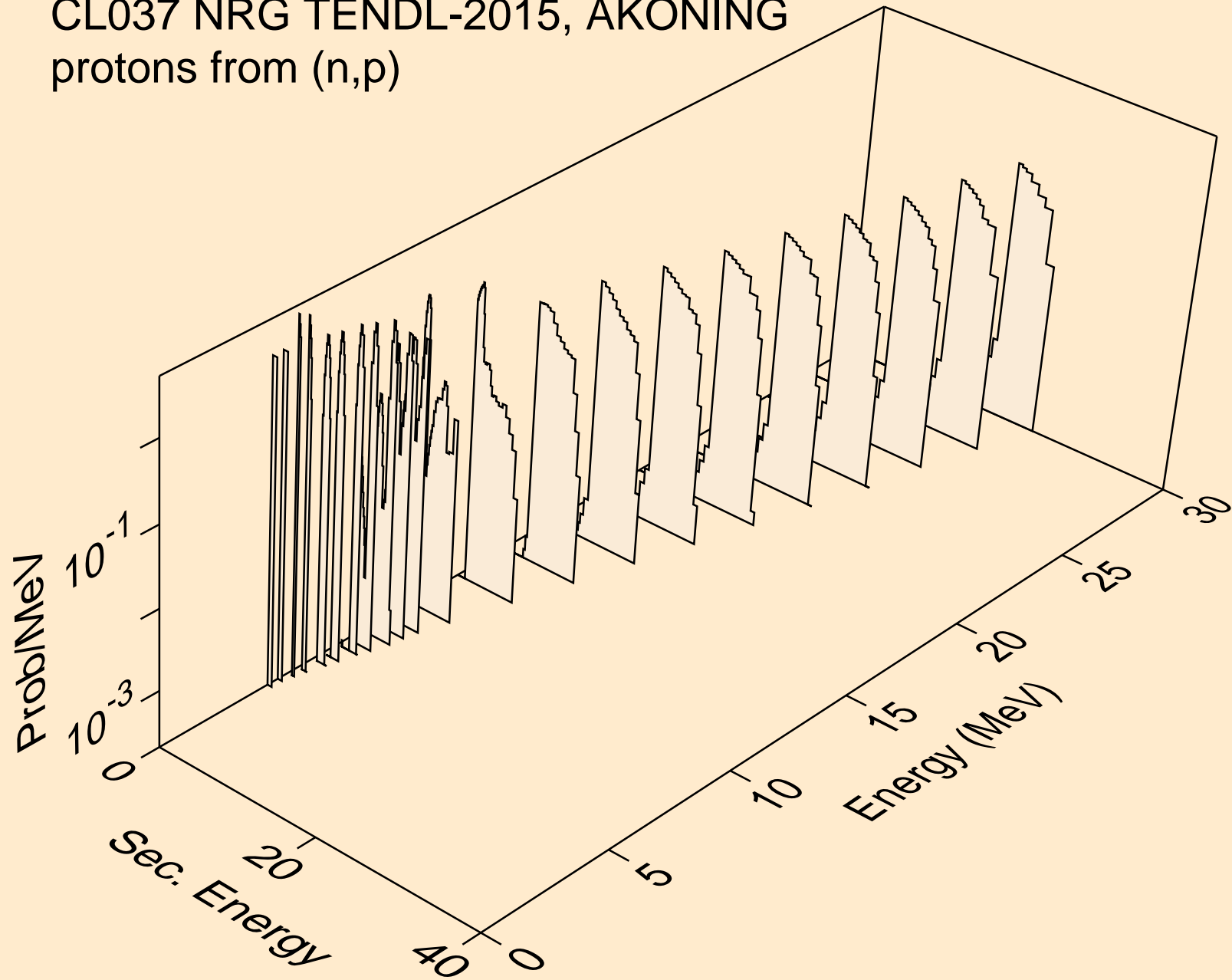


CL037 NRG TENDL-2015, AKONING  
protons from (n,npa)

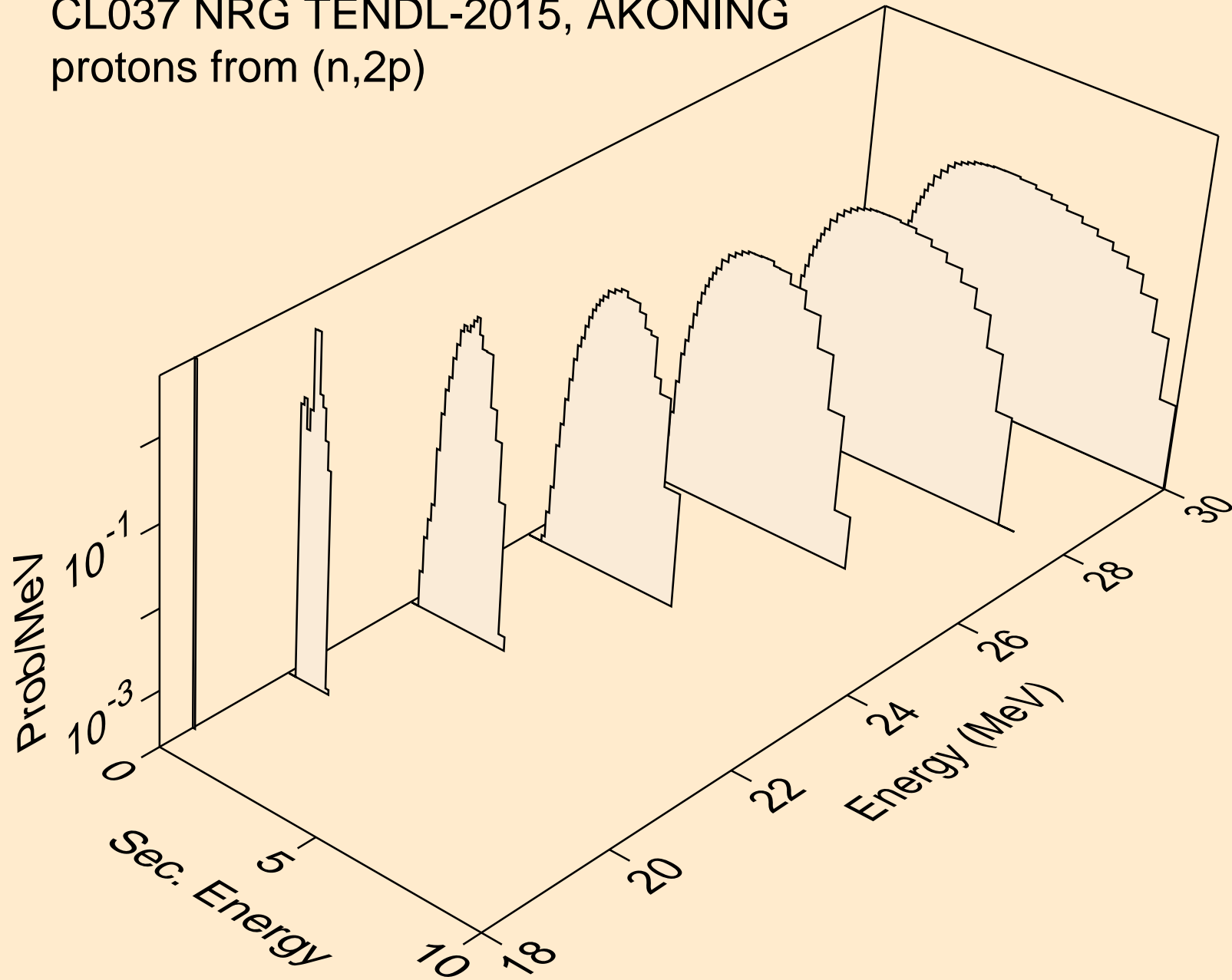




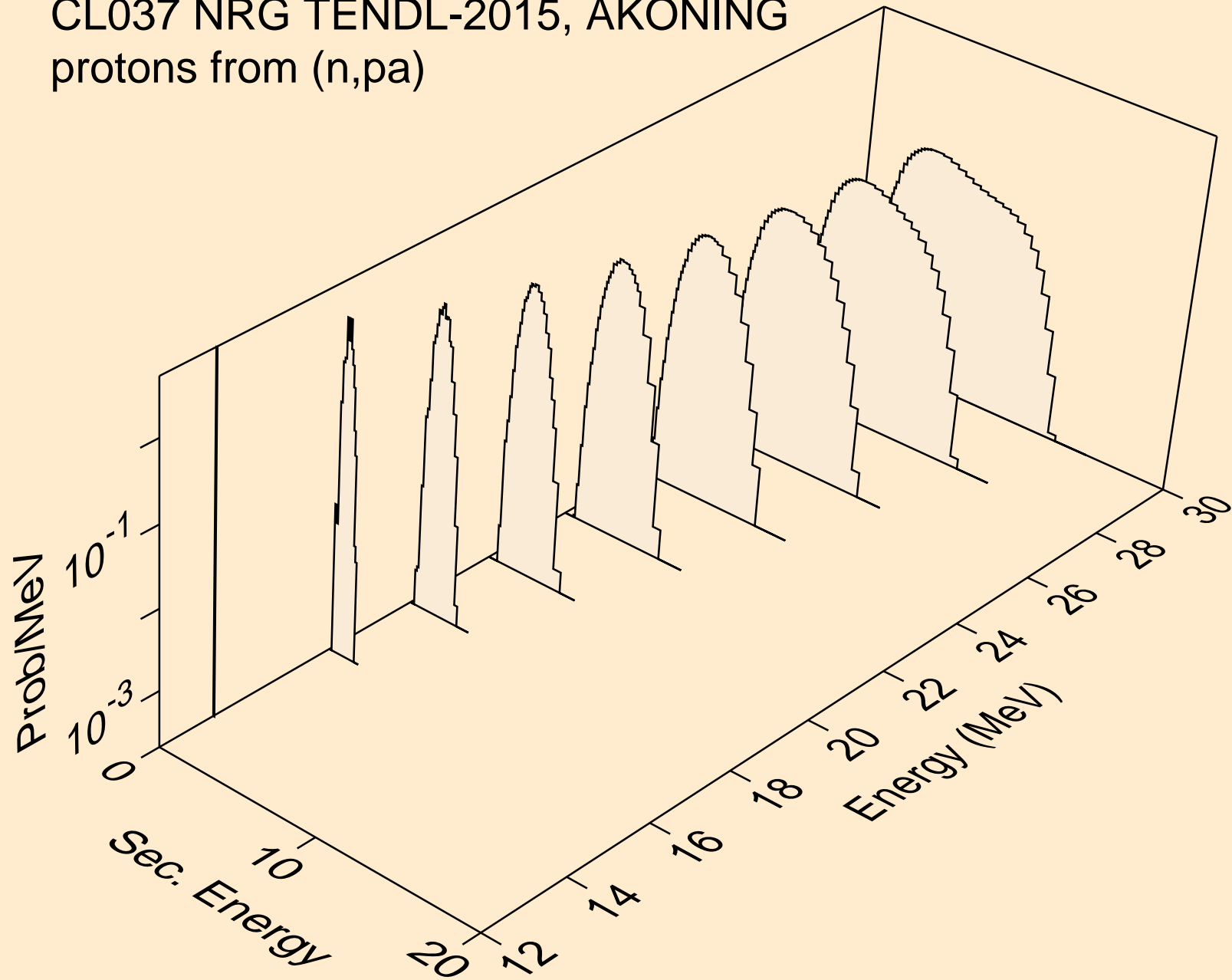
CL037 NRG TENDL-2015, AKONING  
protons from (n,p)



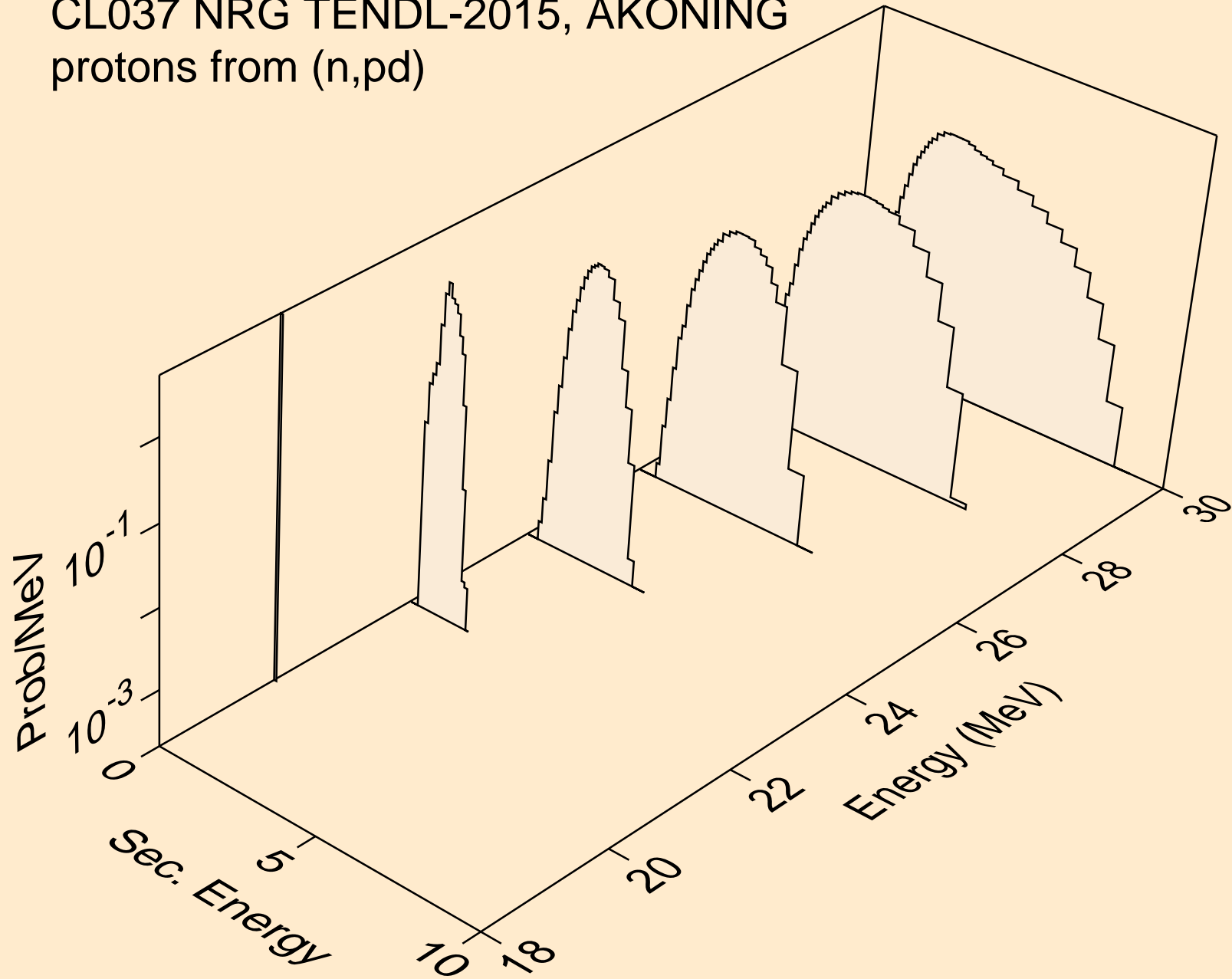
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protons from (n,2p)



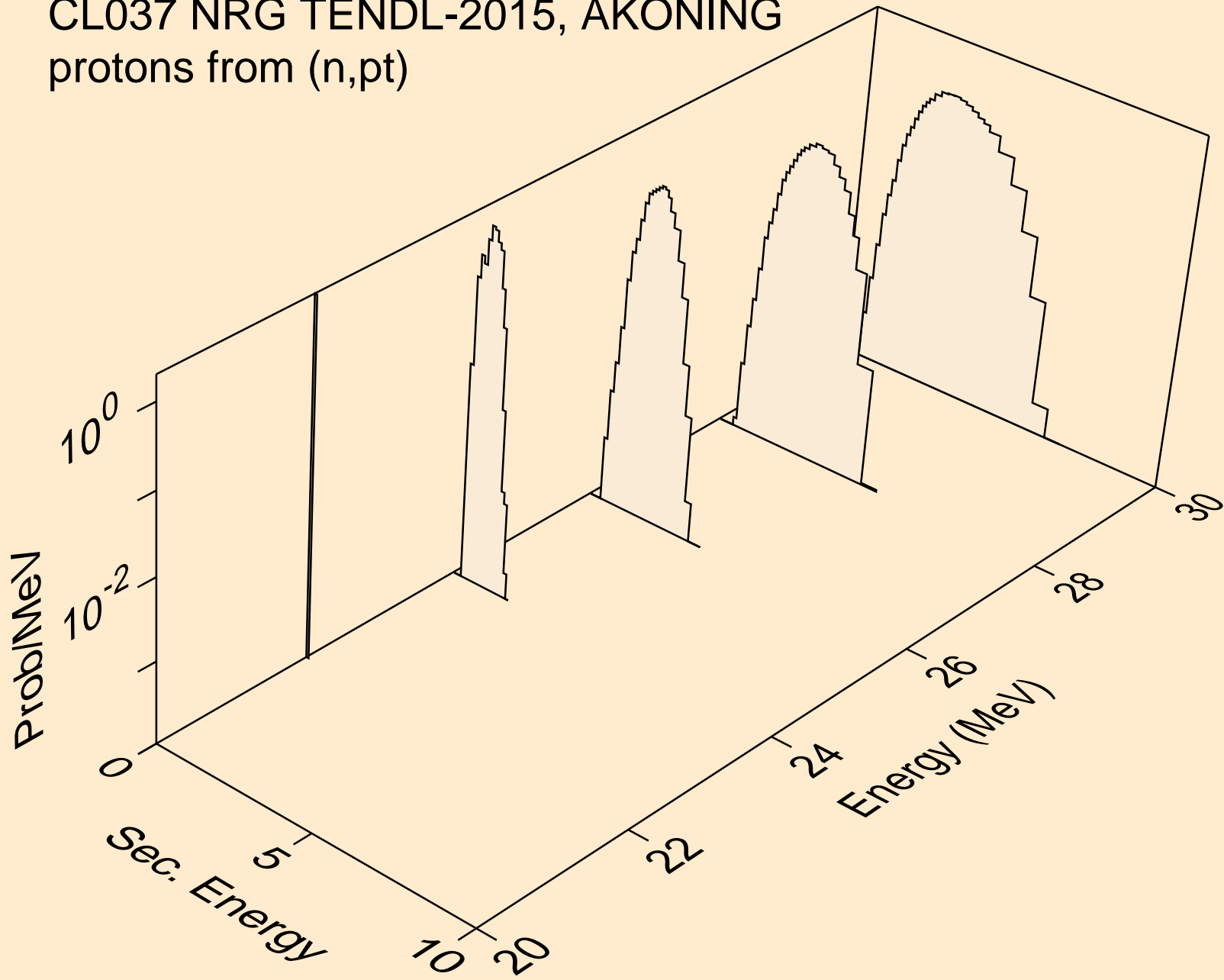
CL037 NRG TENDL-2015, AKONING  
protons from (n,pa)



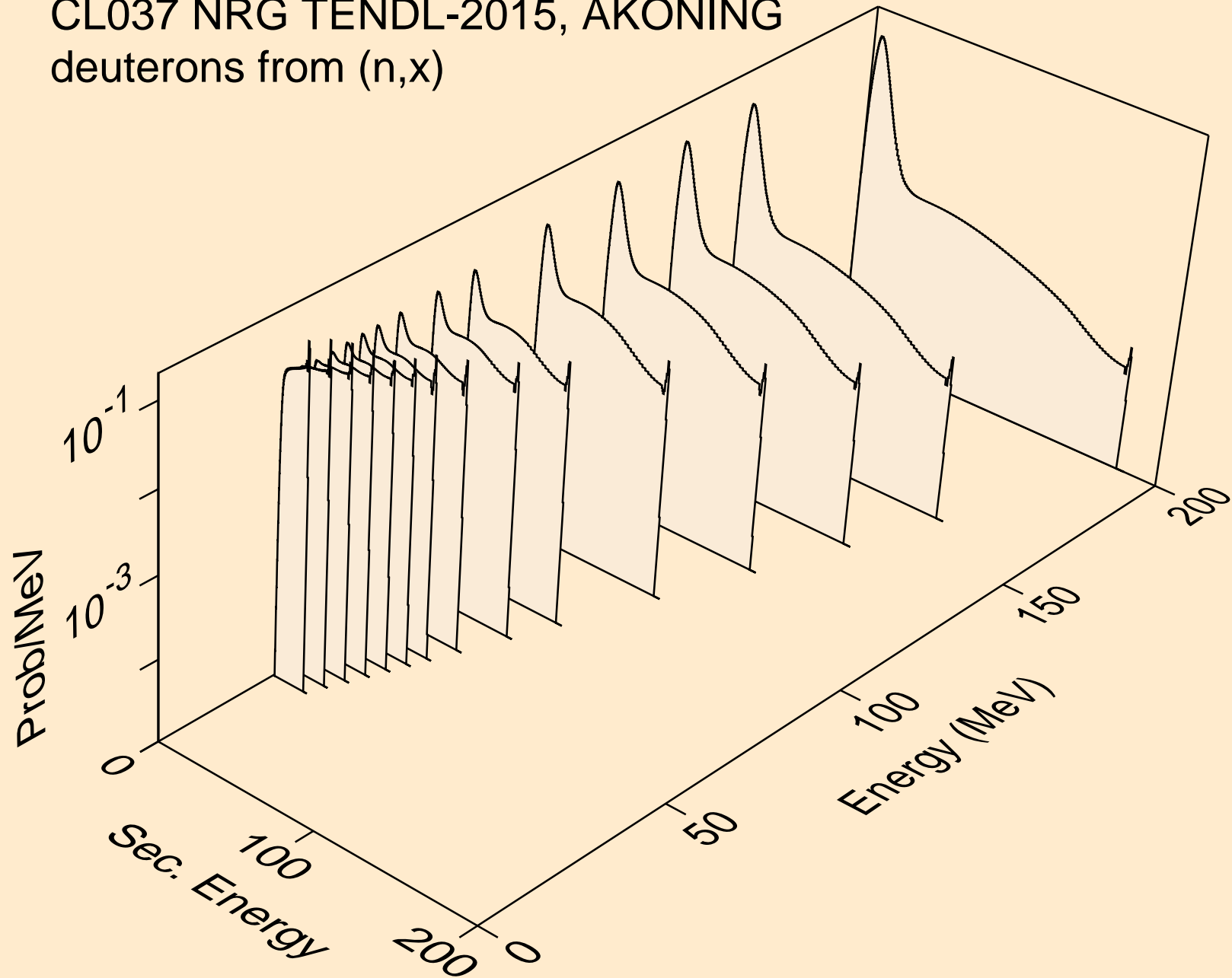
CL037 NRG TENDL-2015, AKONING  
protons from (n,pd)



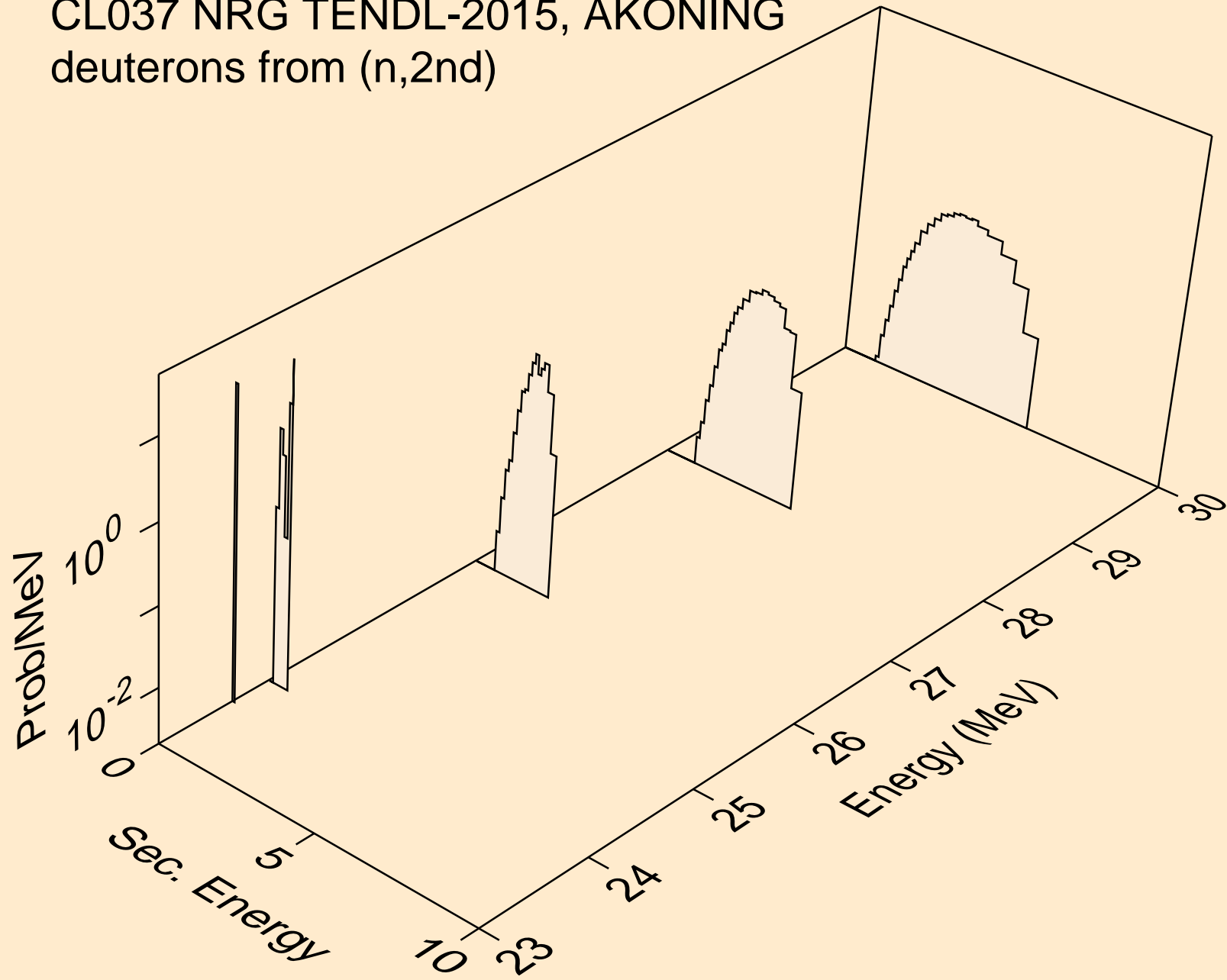
CL037 NRG TENDL-2015, AKONING  
protons from (n,pt)



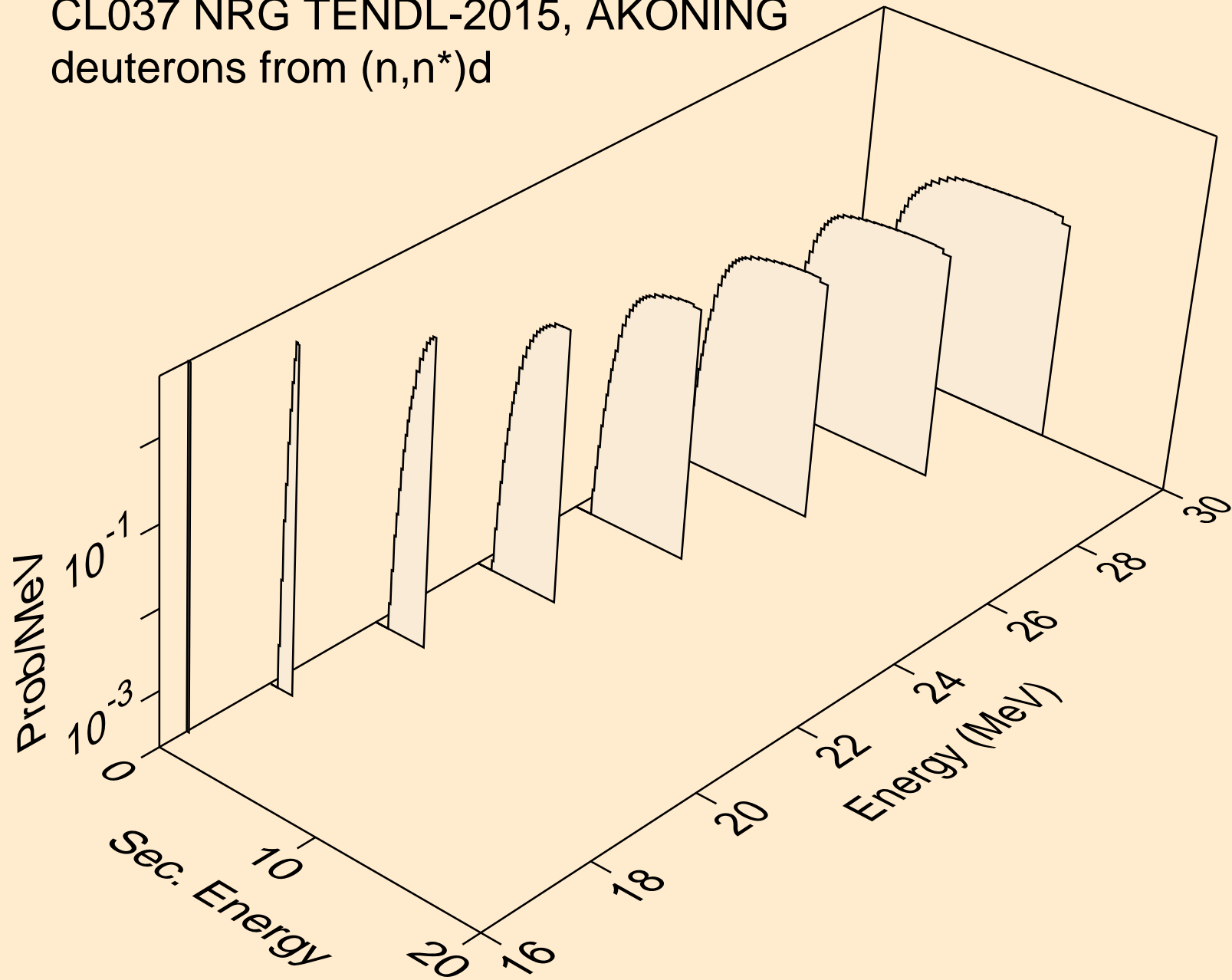
CL037 NRG TENDL-2015, AKONING  
deuterons from (n,x)



CL037 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

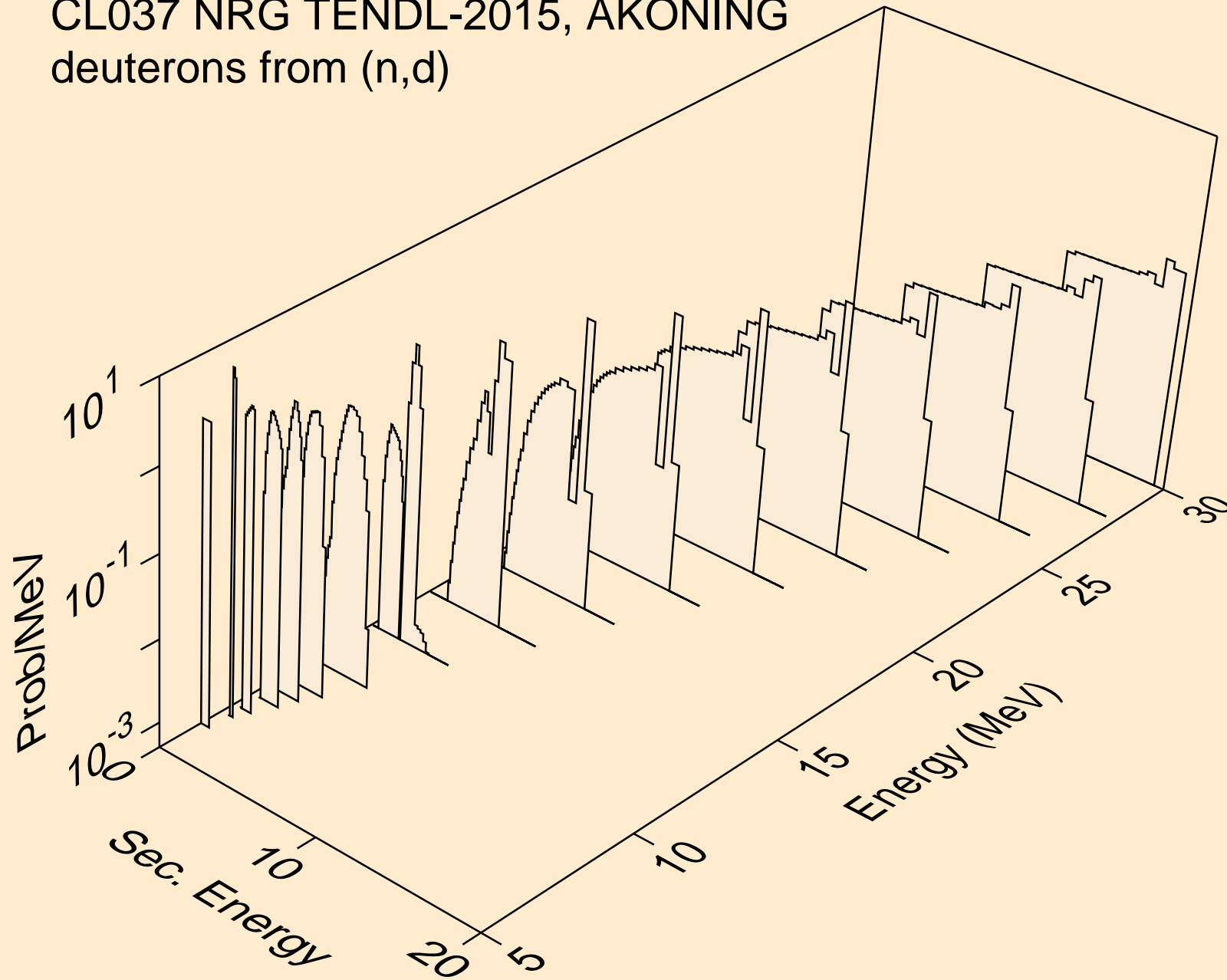


CL037 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

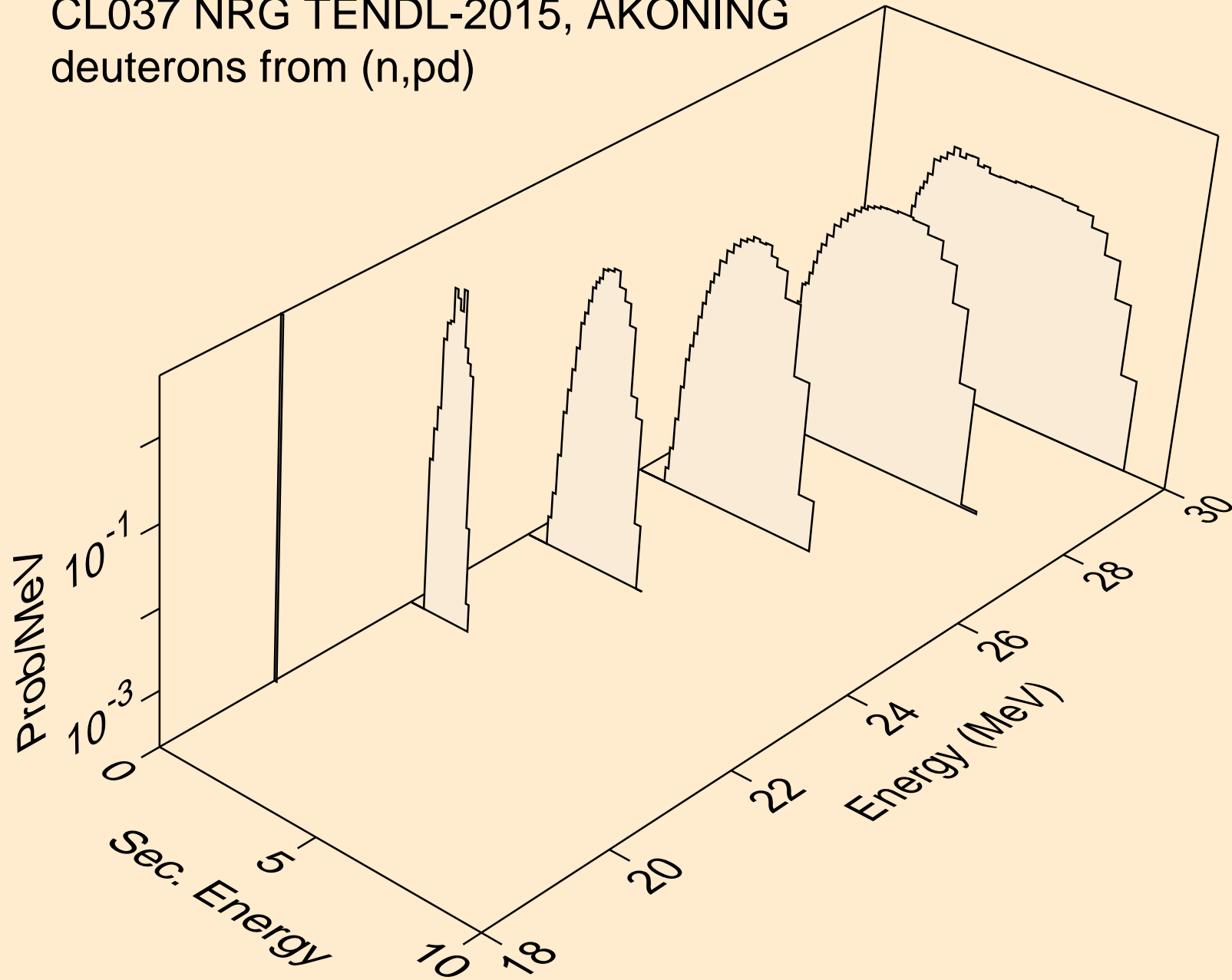




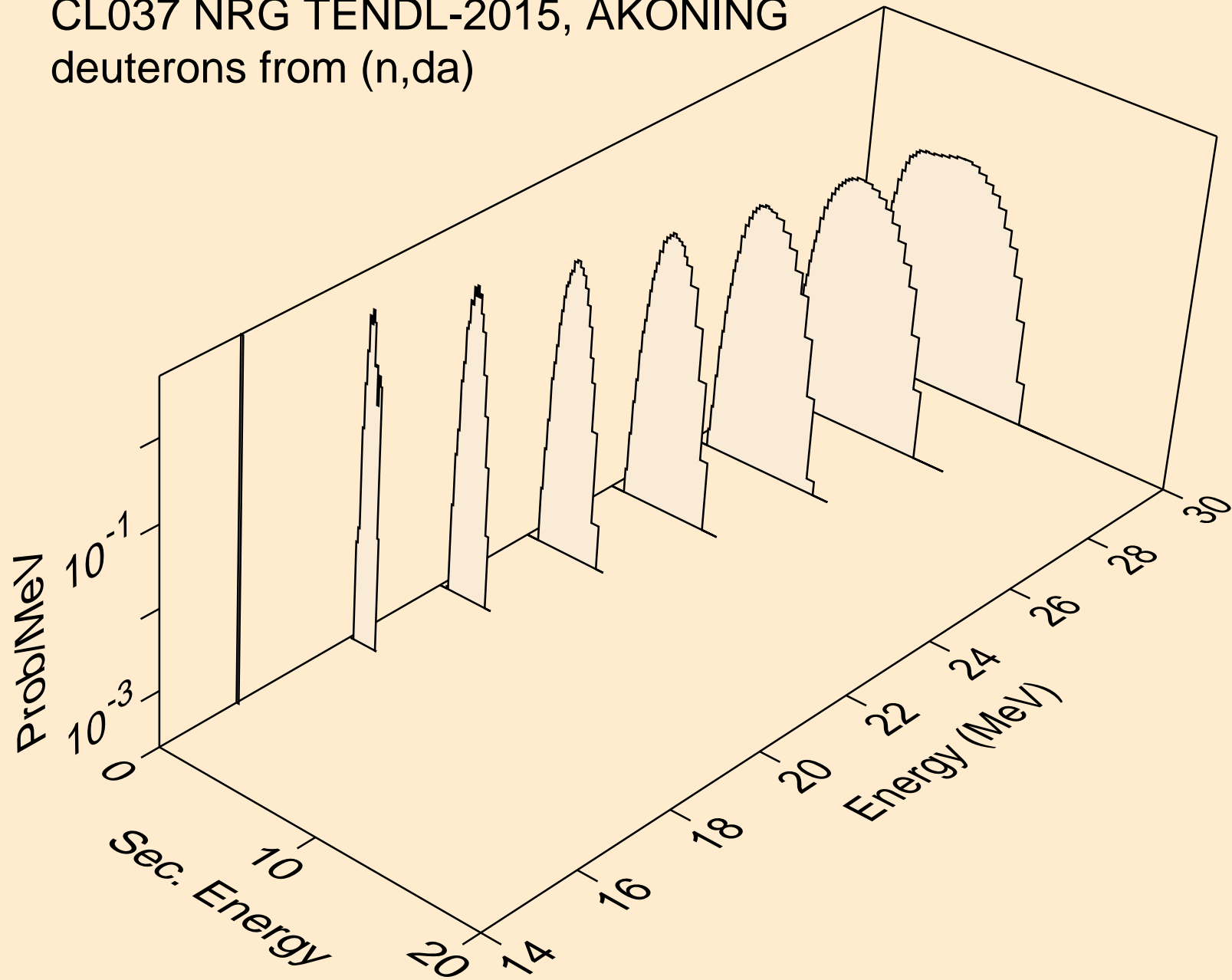
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deuterons from (n,d)



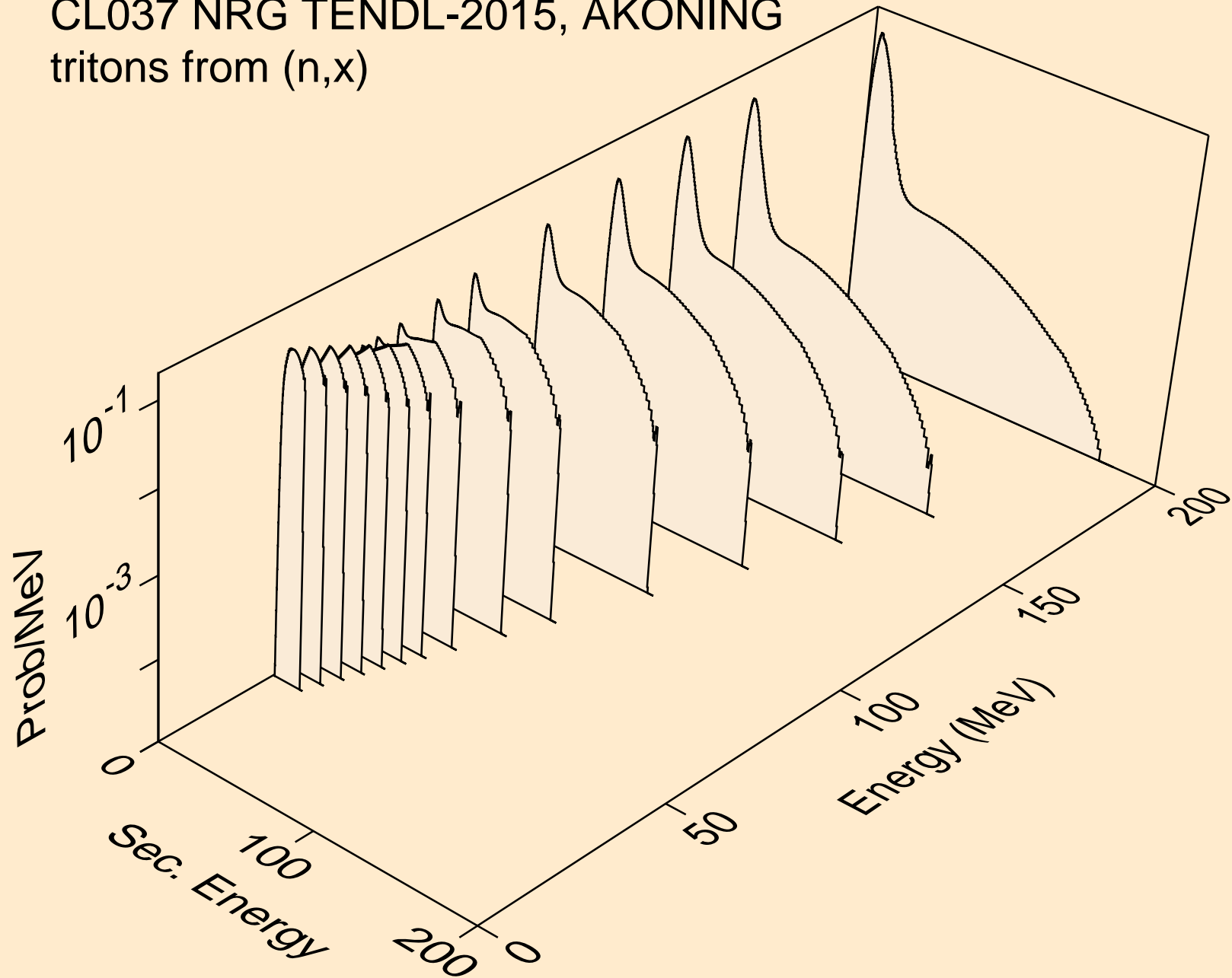
CL037 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



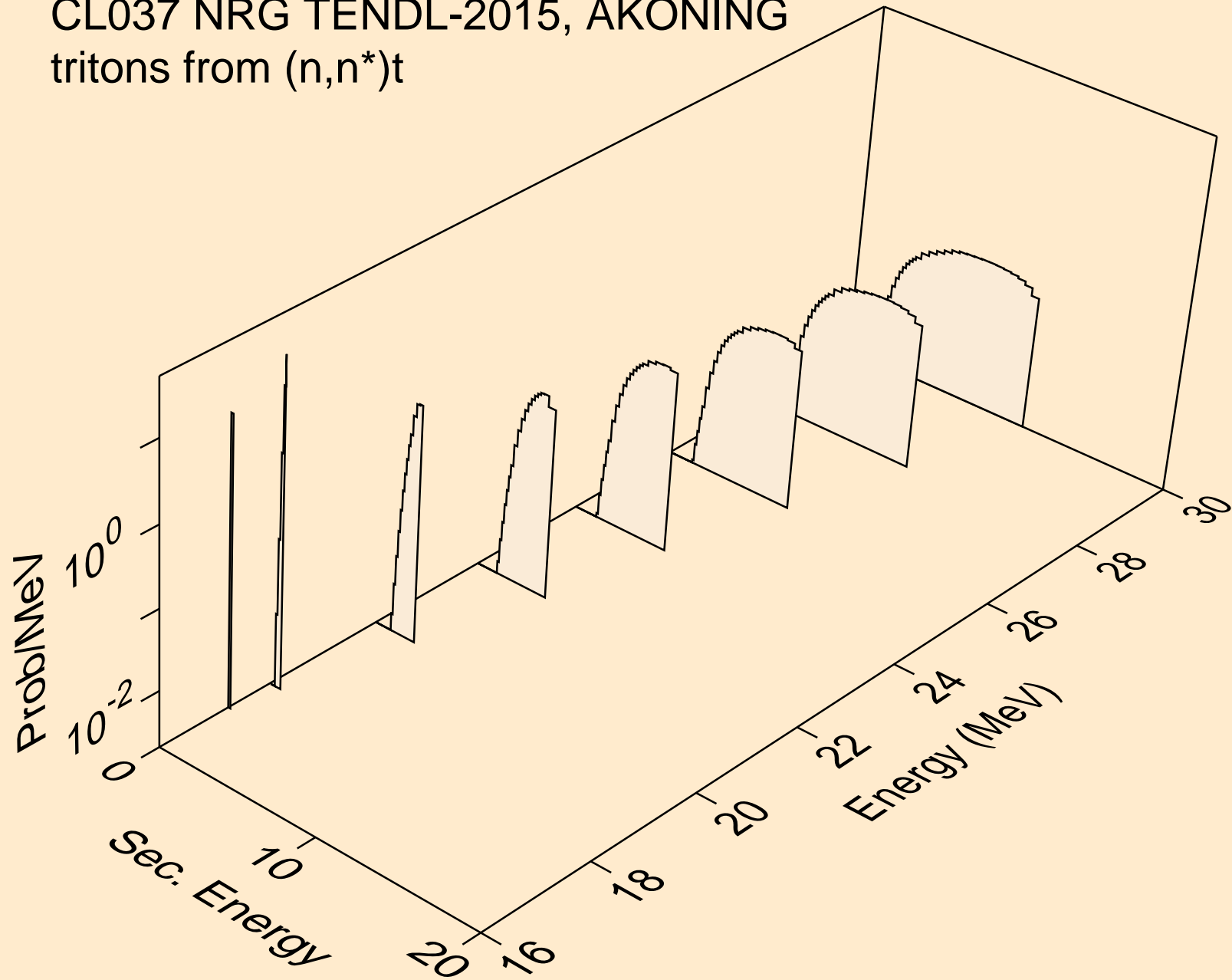
CL037 NRG TENDL-2015, AKONING  
deuterons from (n,da)



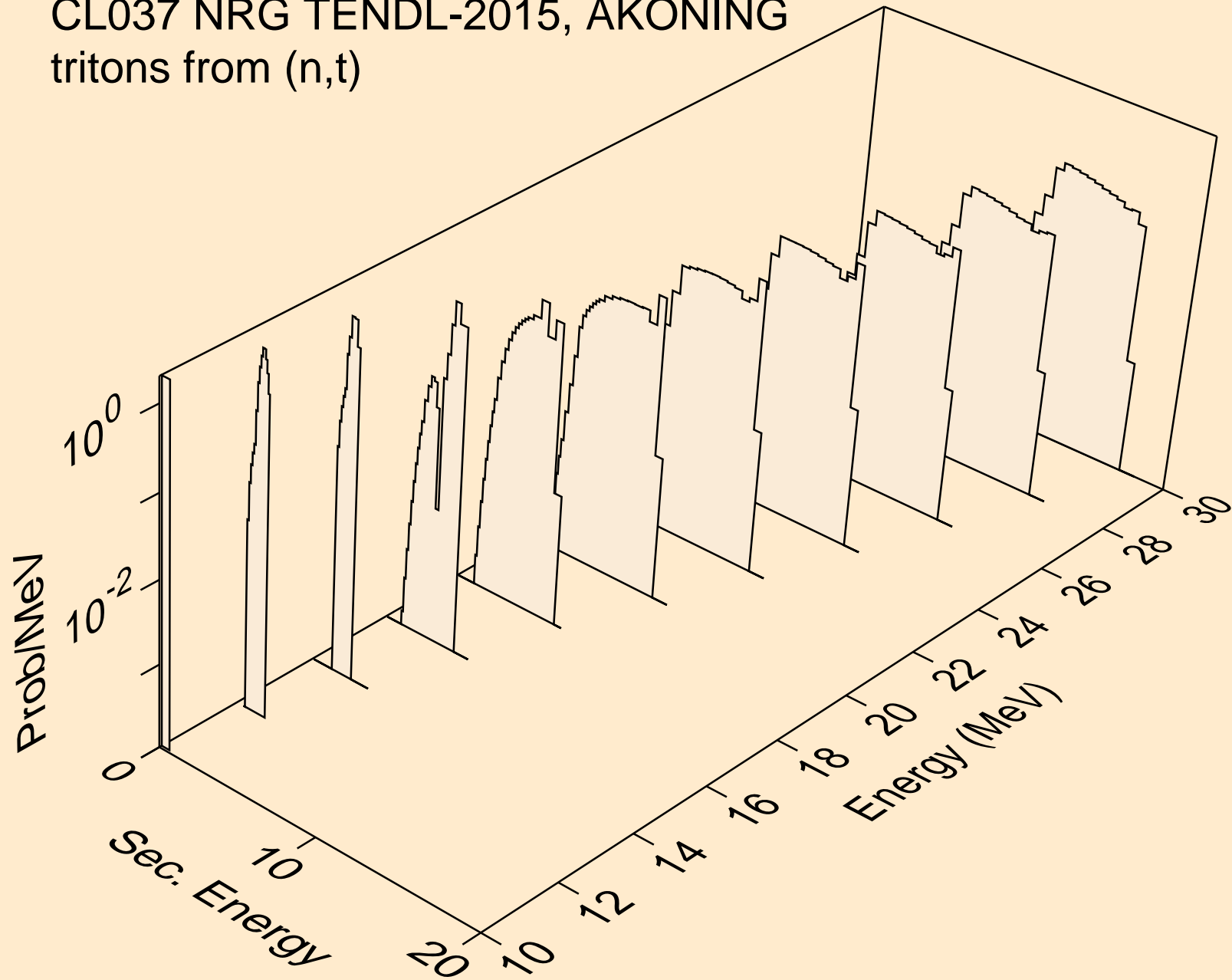
CL037 NRG TENDL-2015, AKONING  
tritons from (n,x)



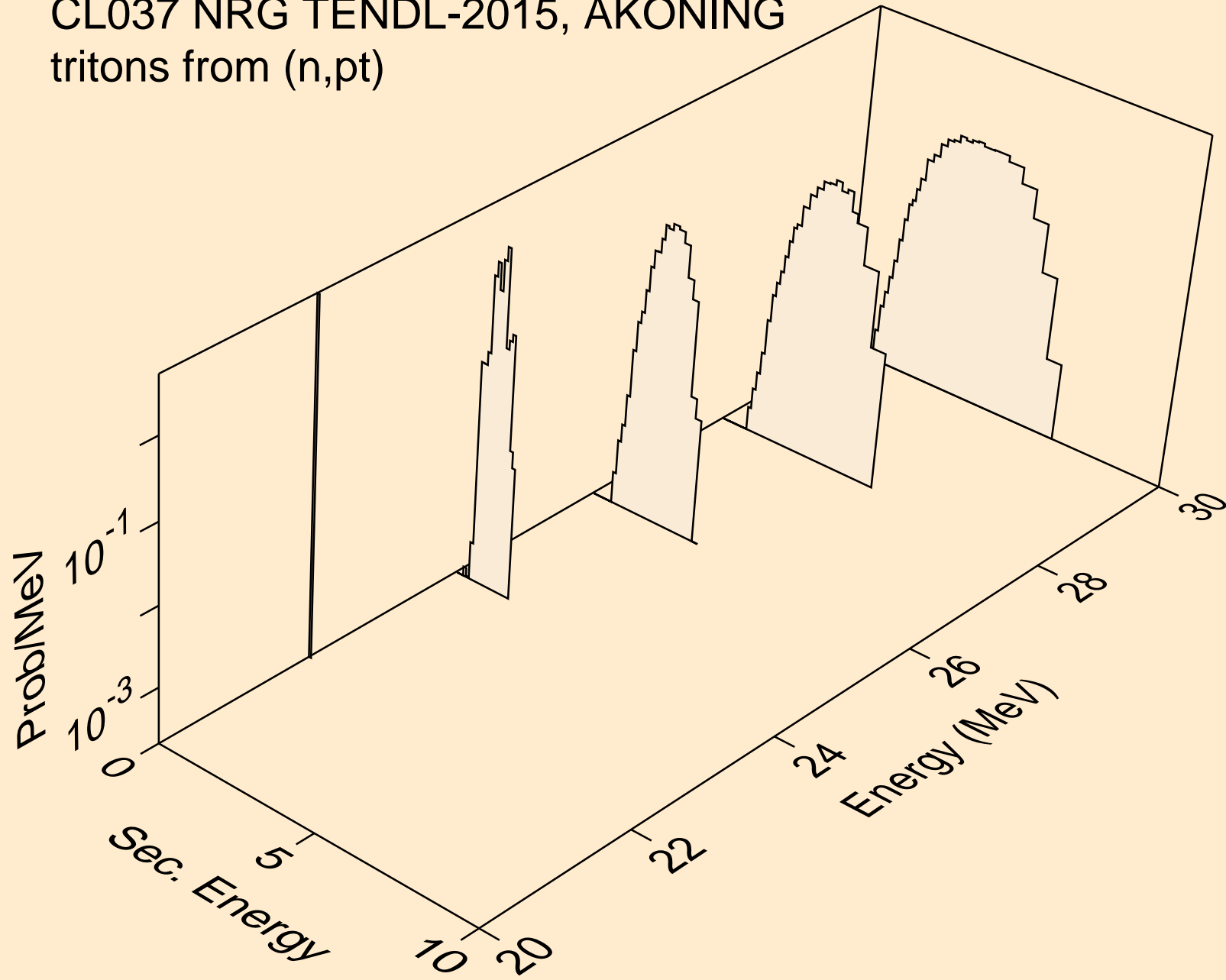
CL037 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



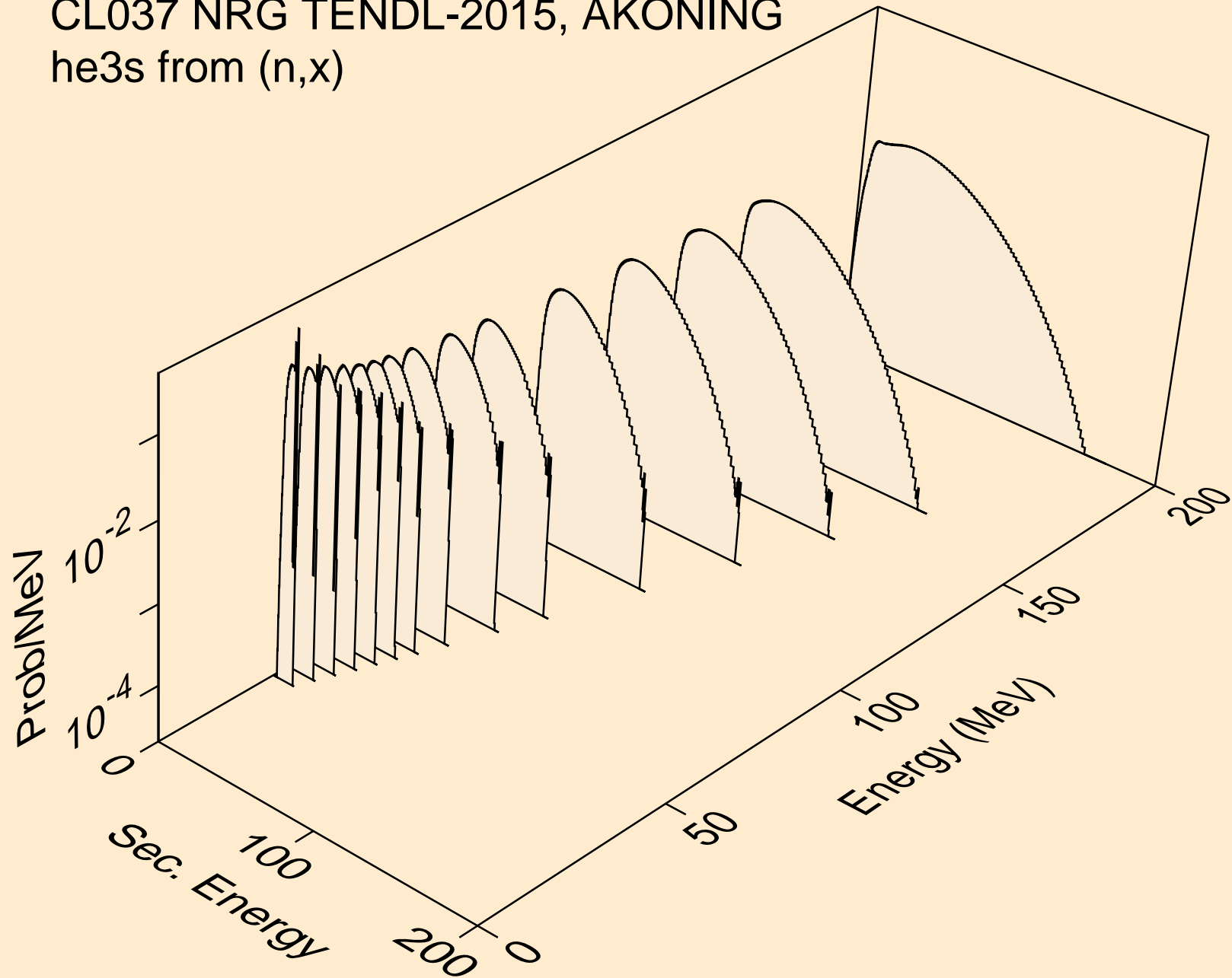
CL037 NRG TENDL-2015, AKONING  
tritons from (n,t)



CL037 NRG TENDL-2015, AKONING  
tritons from (n,pt)

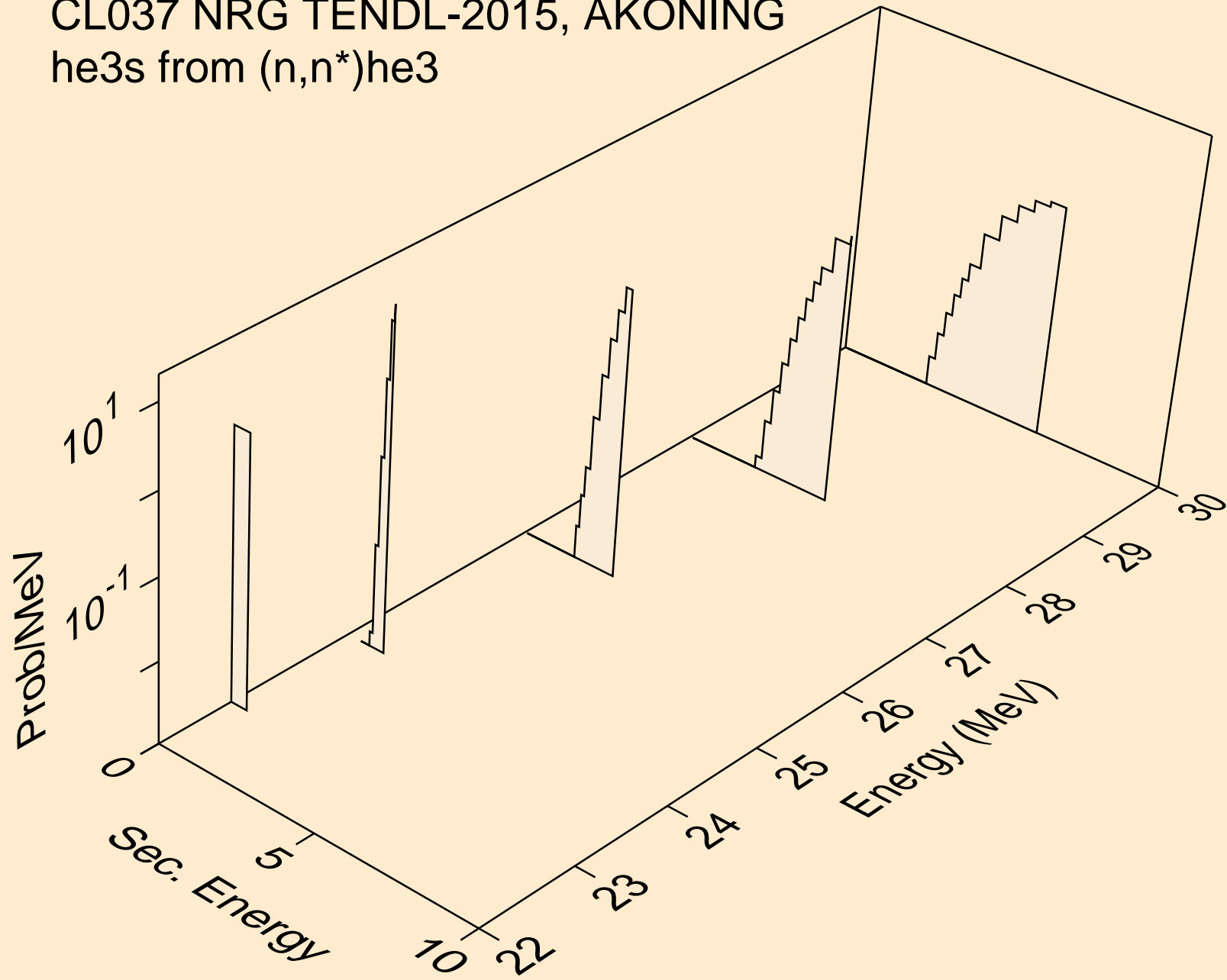


CL037 NRG TENDL-2015, AKONING  
he3s from (n,x)

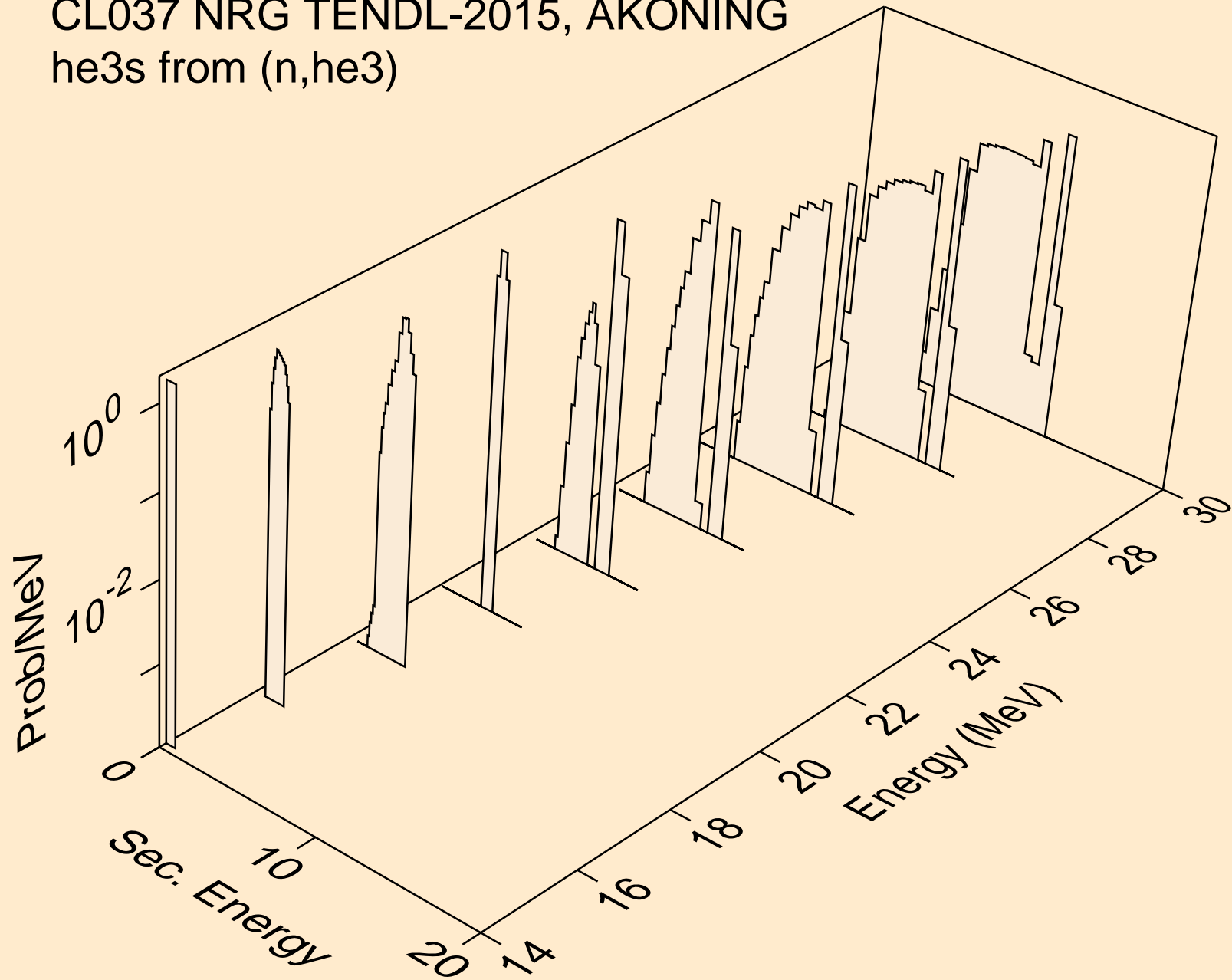




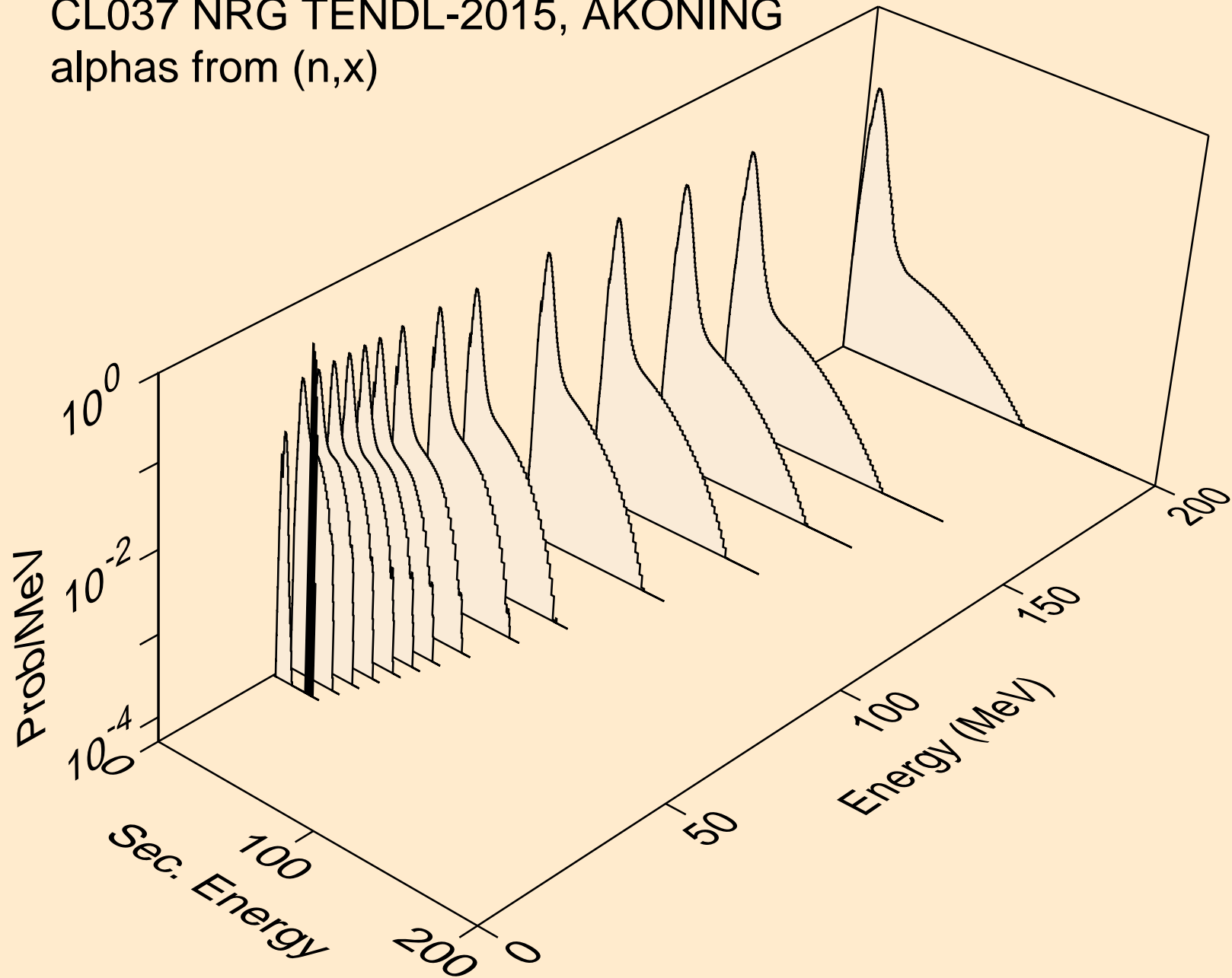
CL037 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



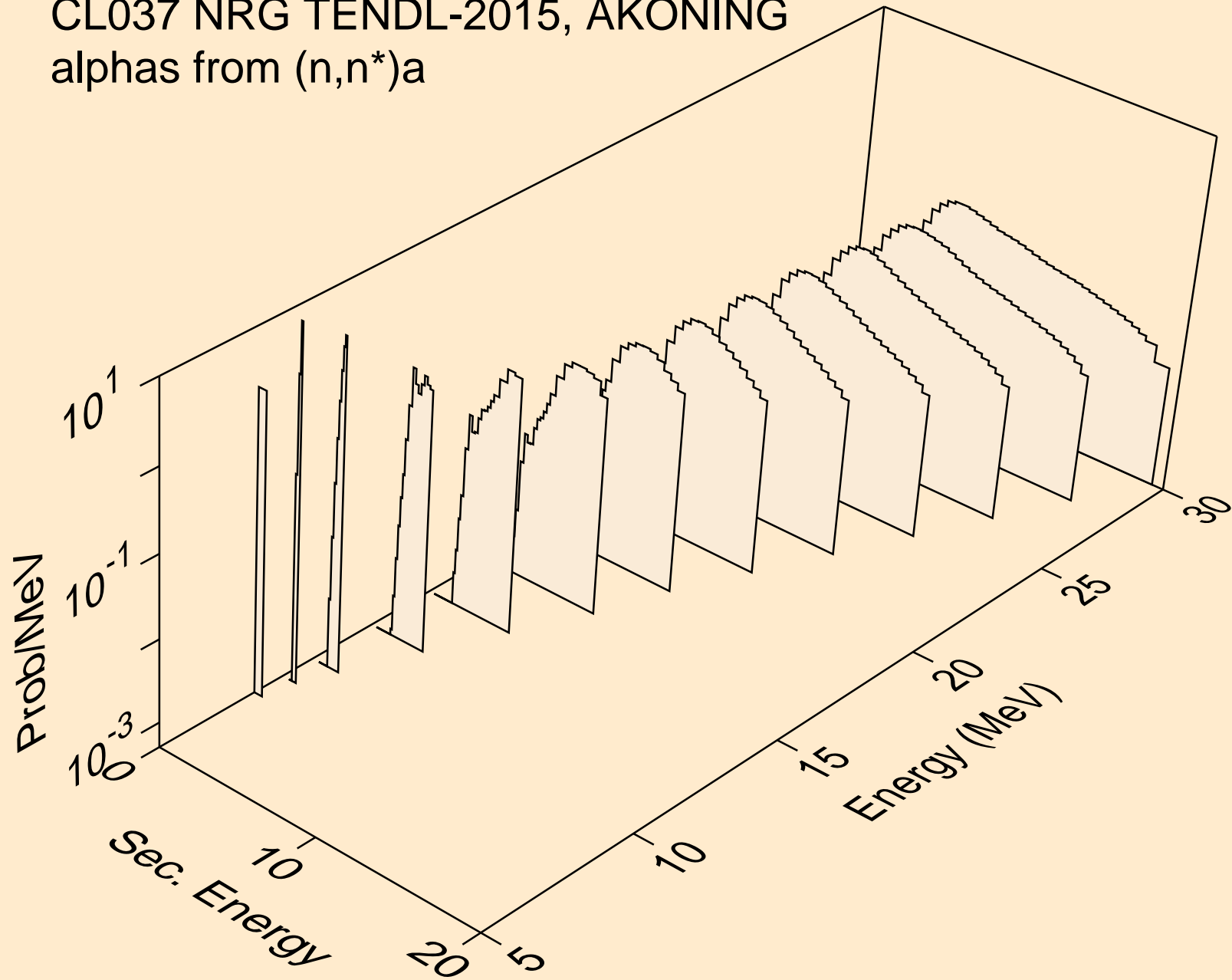
CL037 NRG TENDL-2015, AKONING  
he3s from (n,he3)



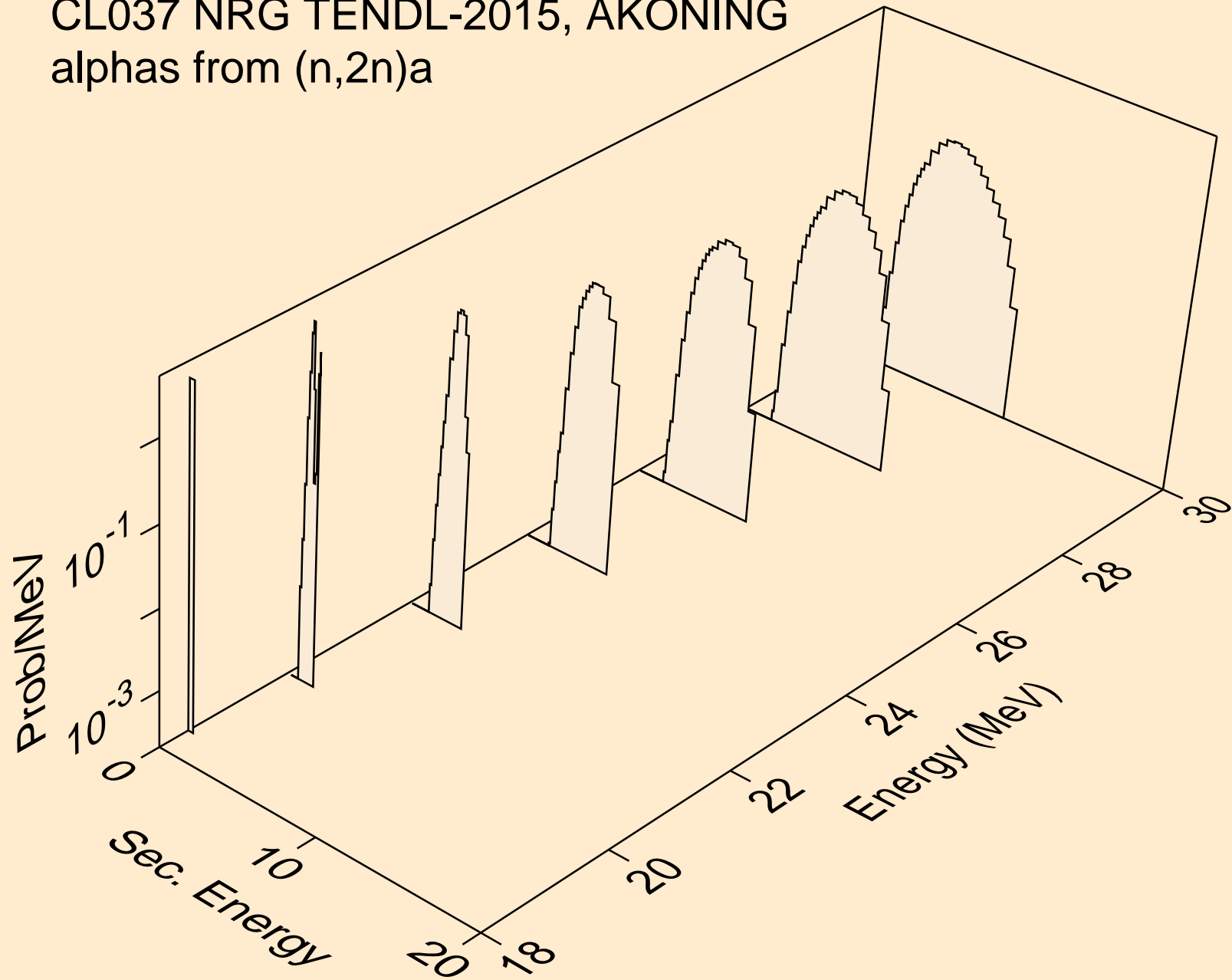
CL037 NRG TENDL-2015, AKONING  
alphas from (n,x)



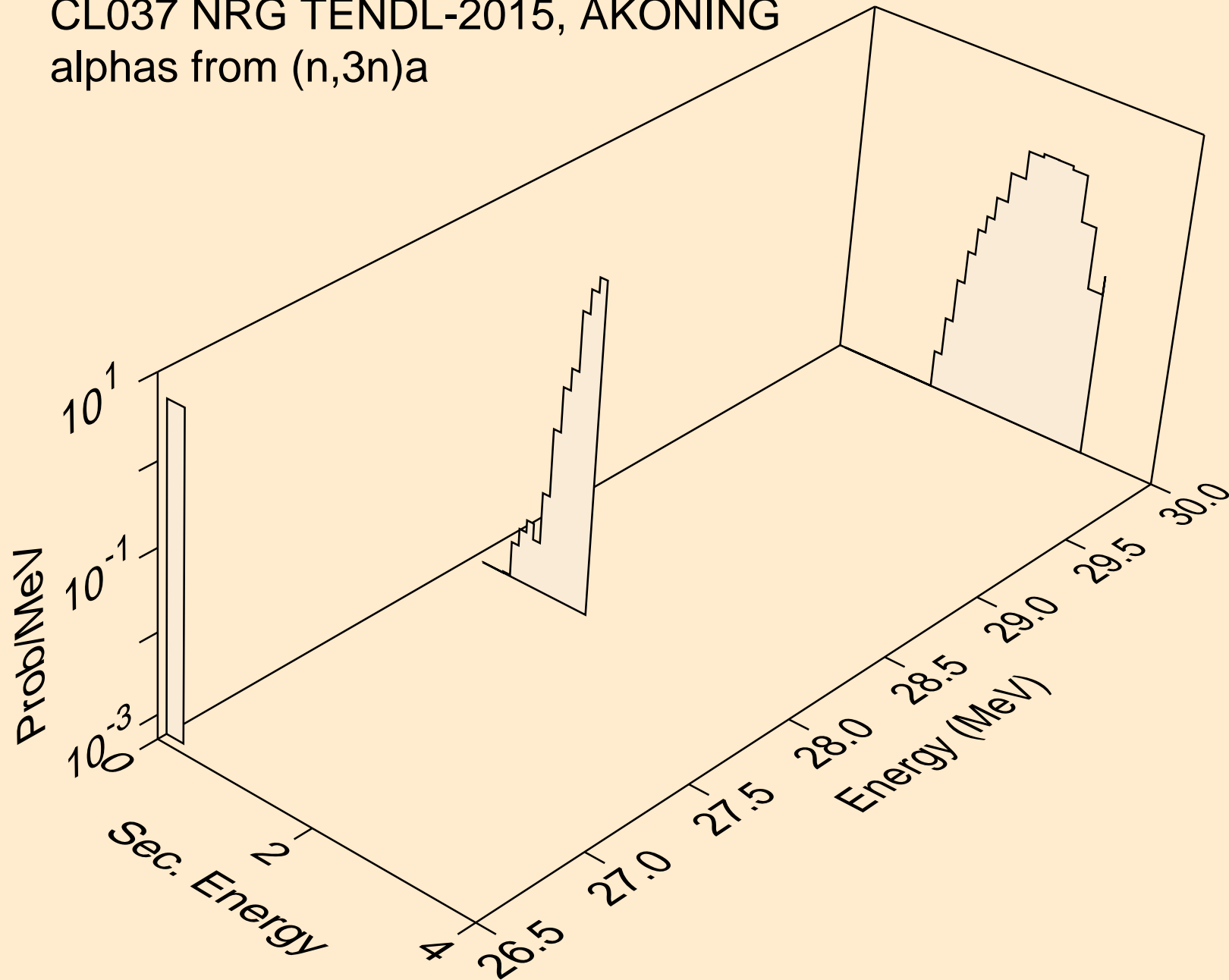
CL037 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



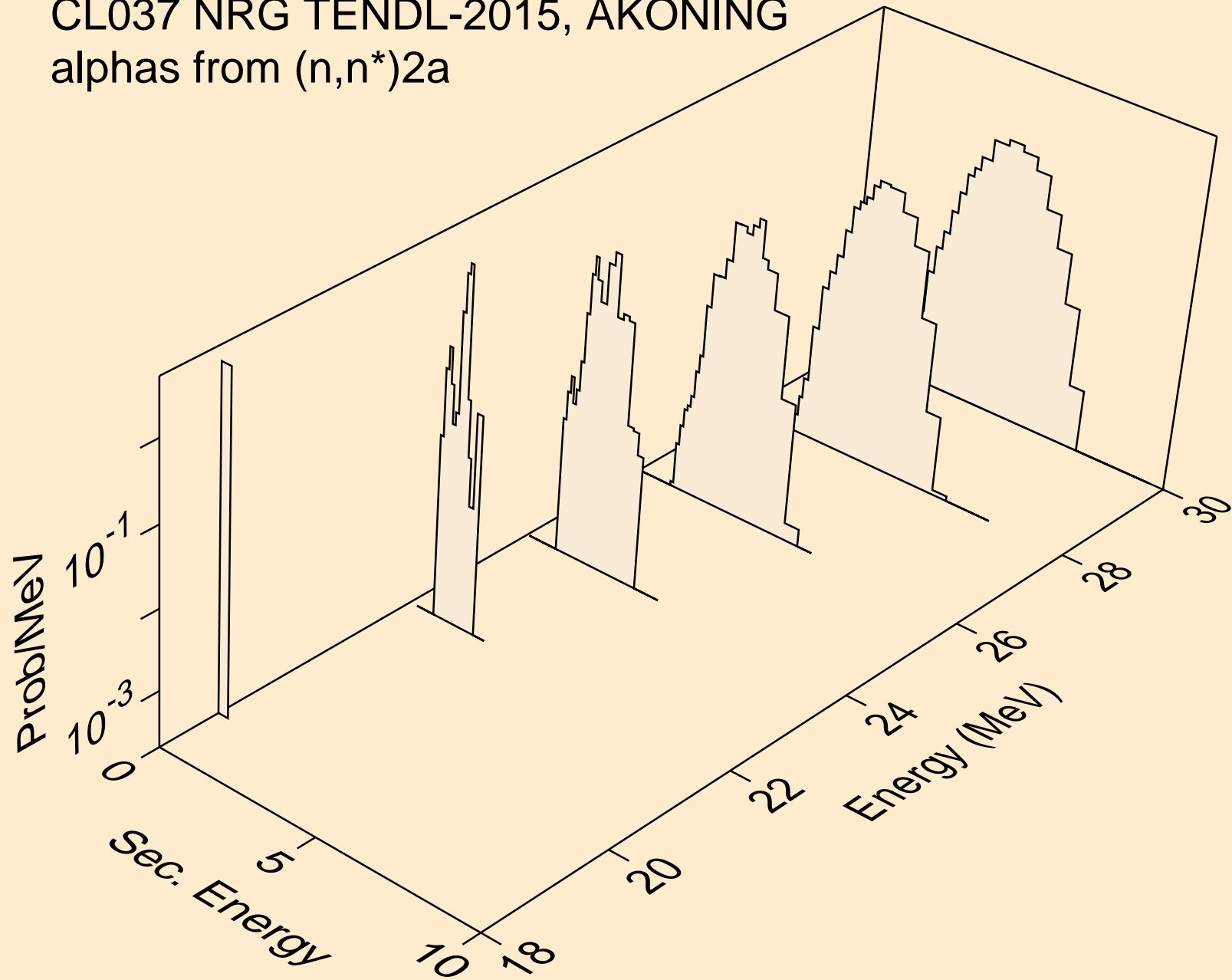
CL037 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



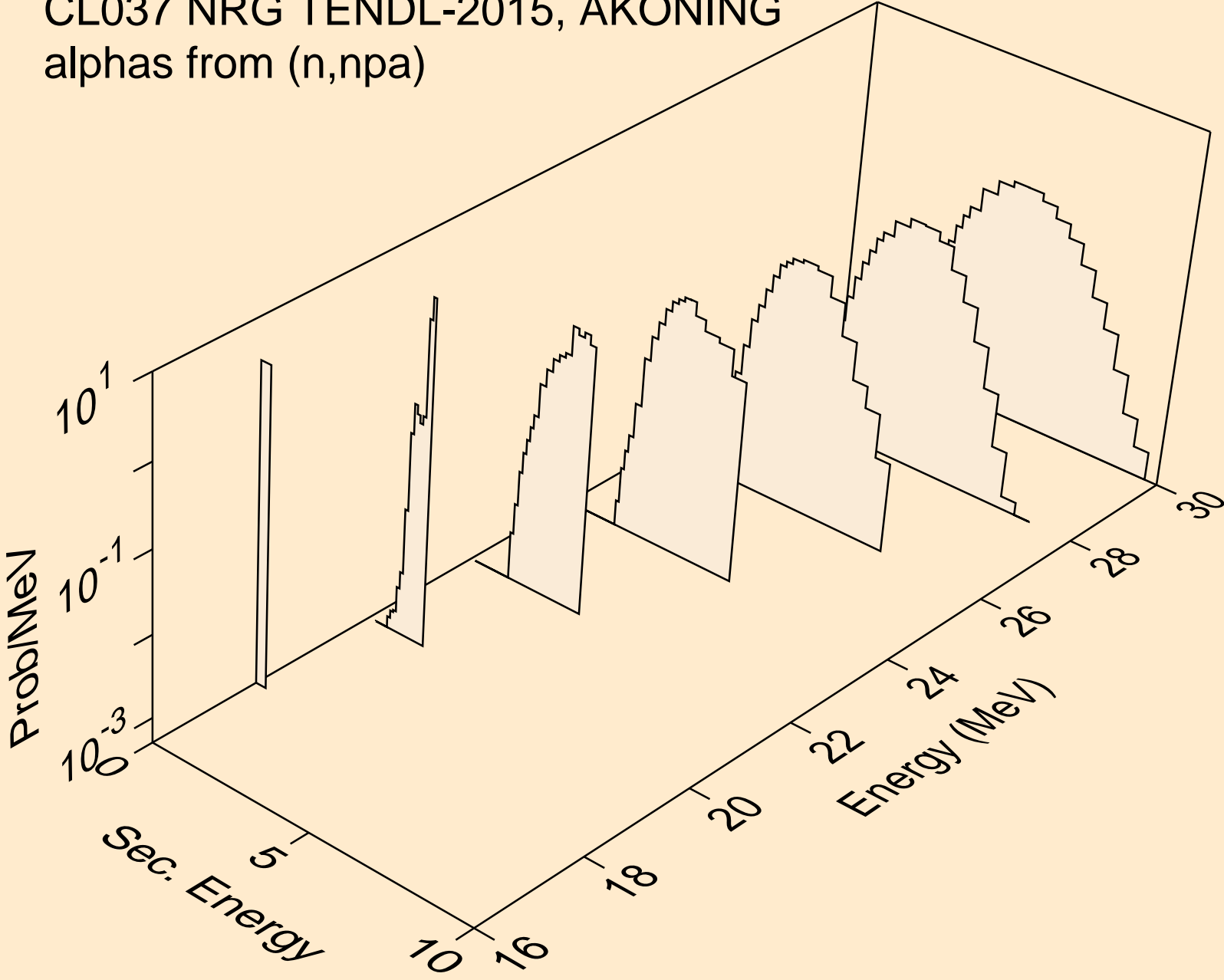
CL037 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



CL037 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

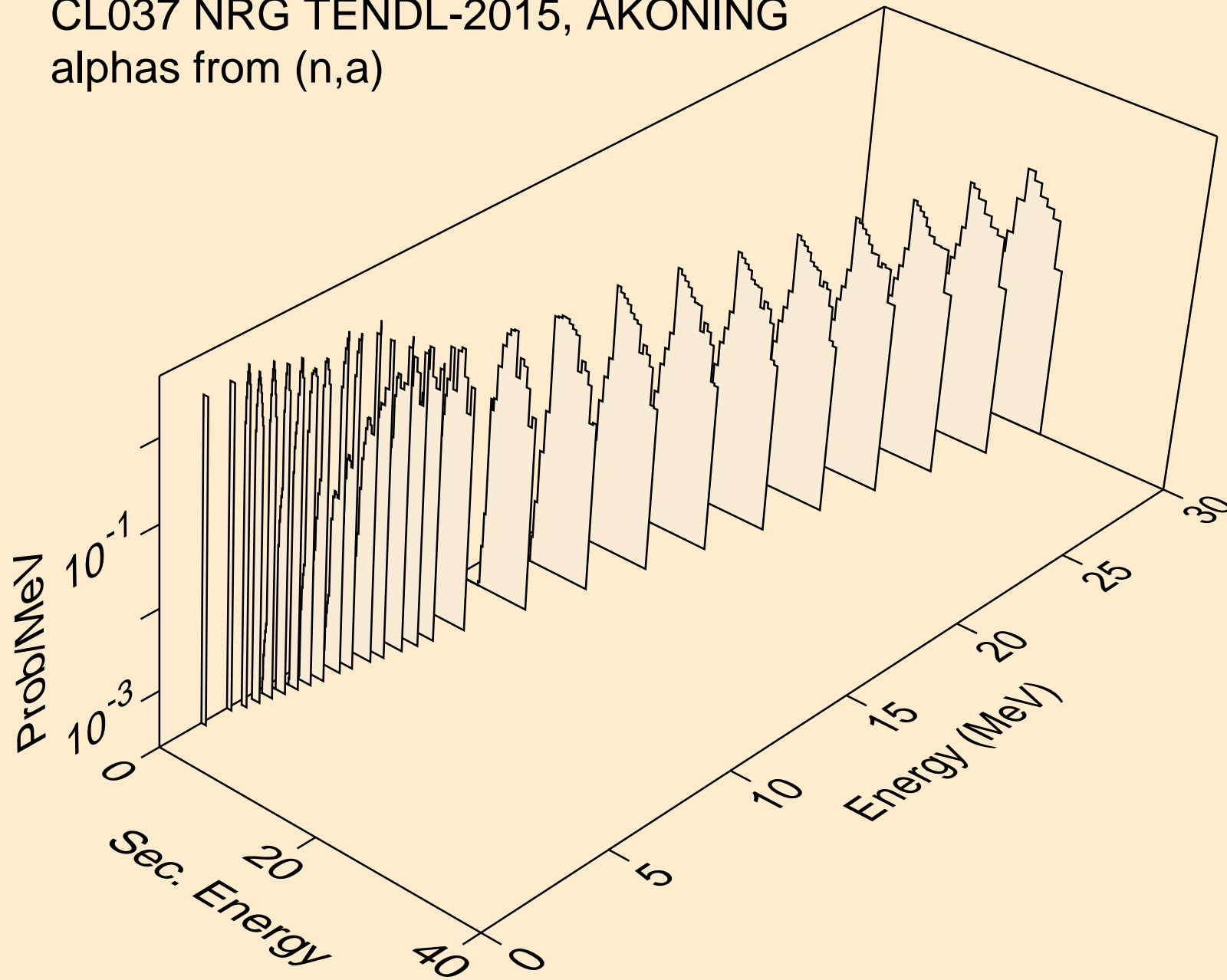


CL037 NRG TENDL-2015, AKONING  
alphas from (n,npa)

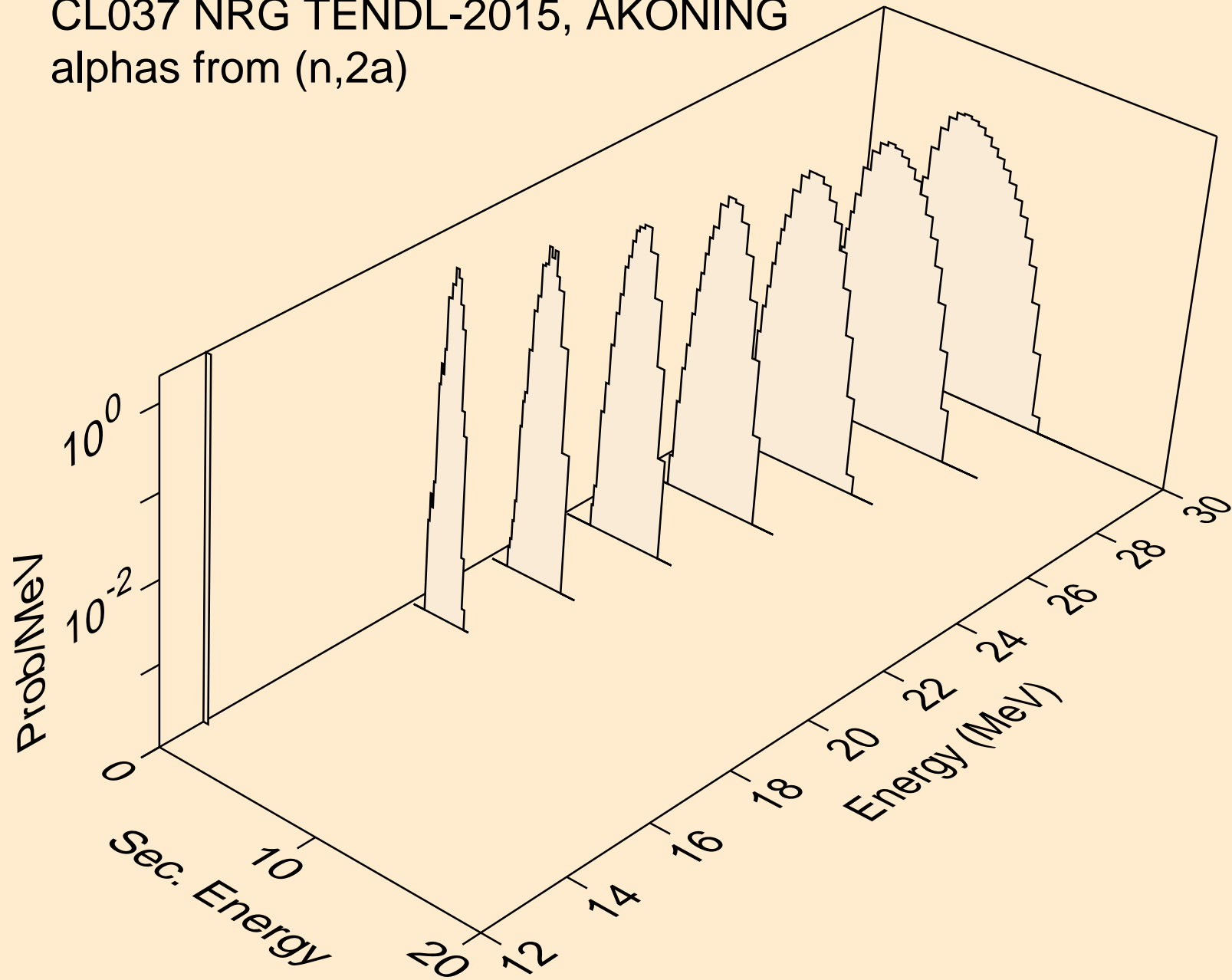




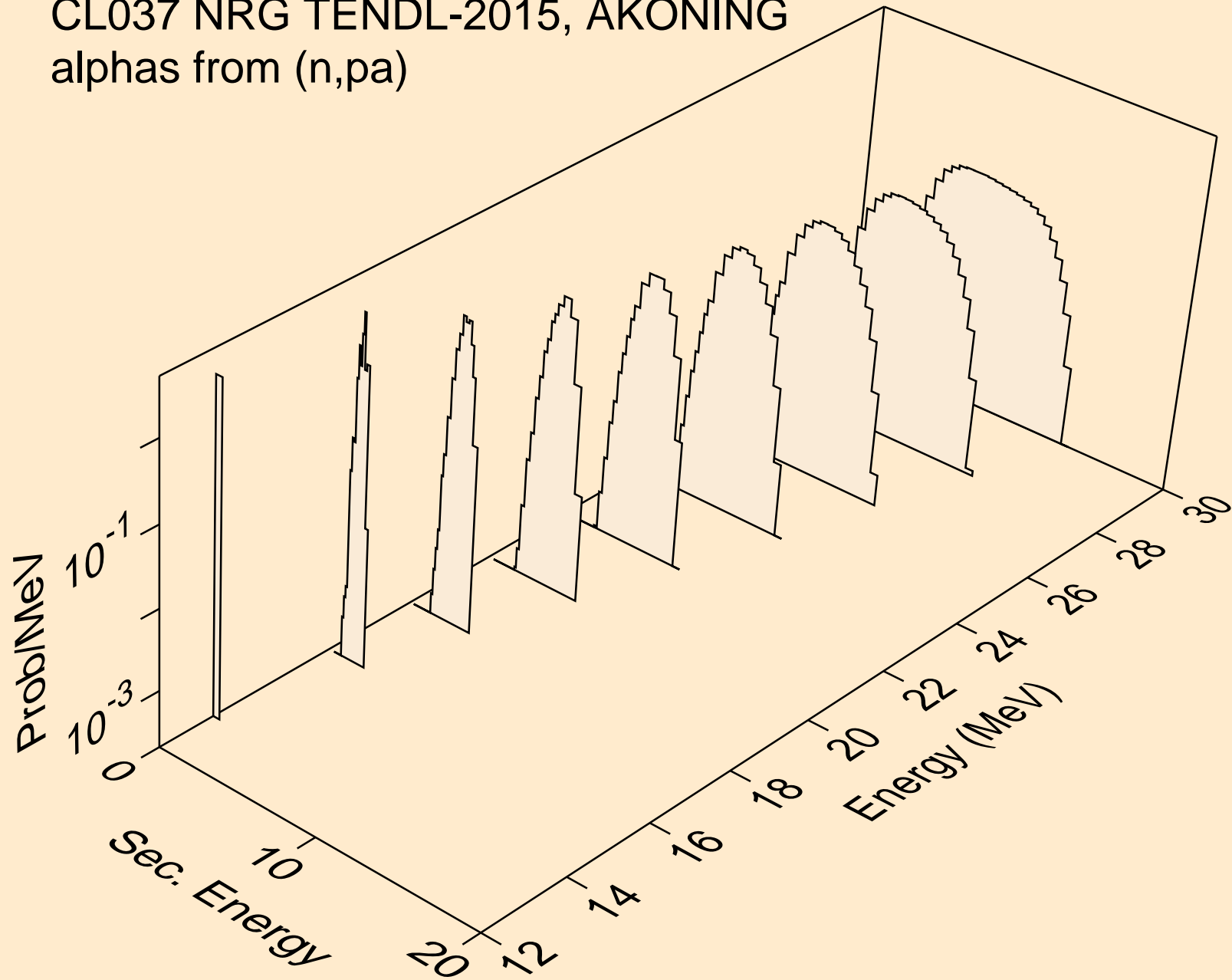
CL037 NRG TENDL-2015, AKONING  
alphas from (n,a)



CL037 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CL037 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CL037 NRG TENDL-2015, AKONING  
alphas from (n,da)

