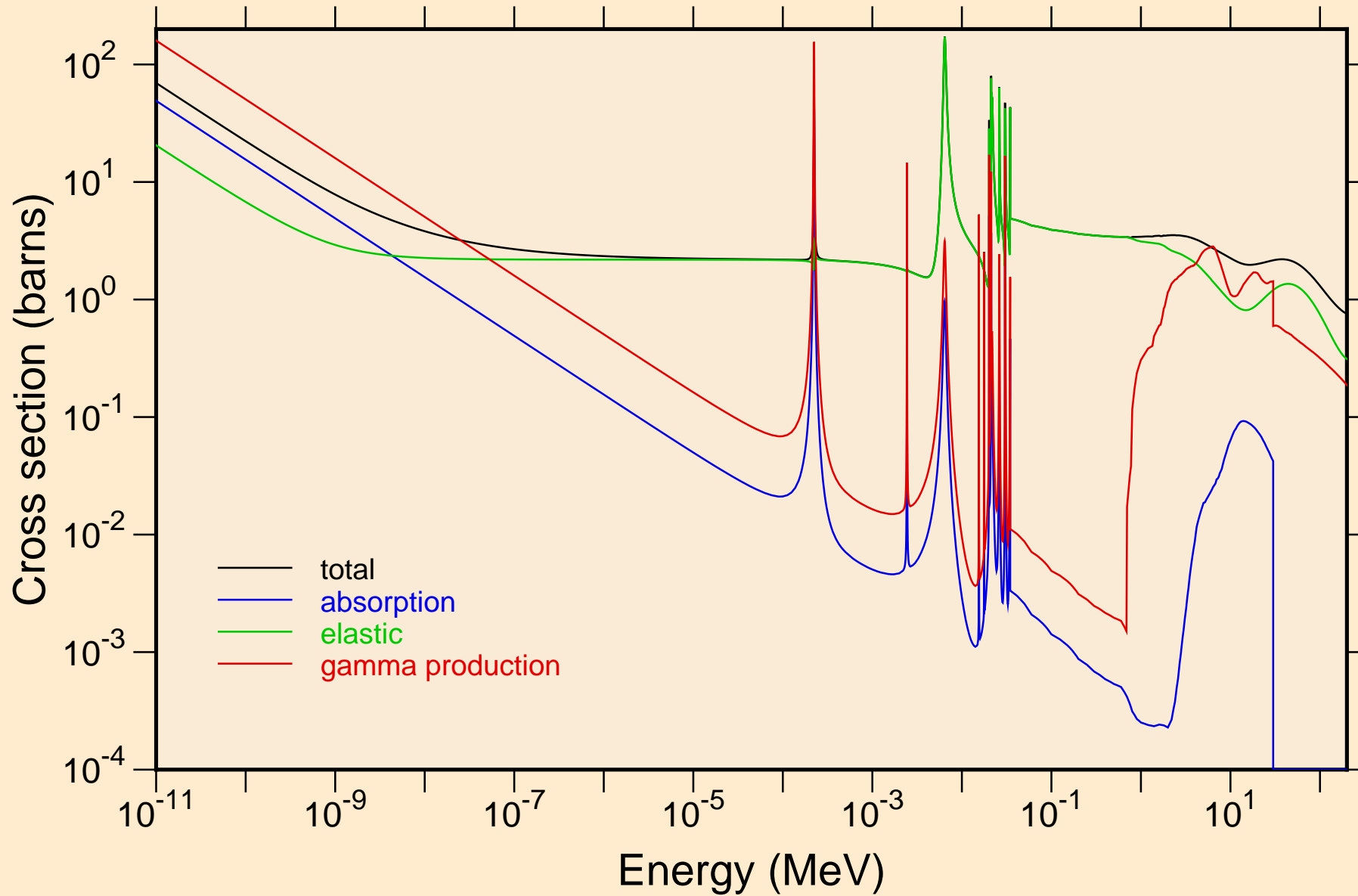


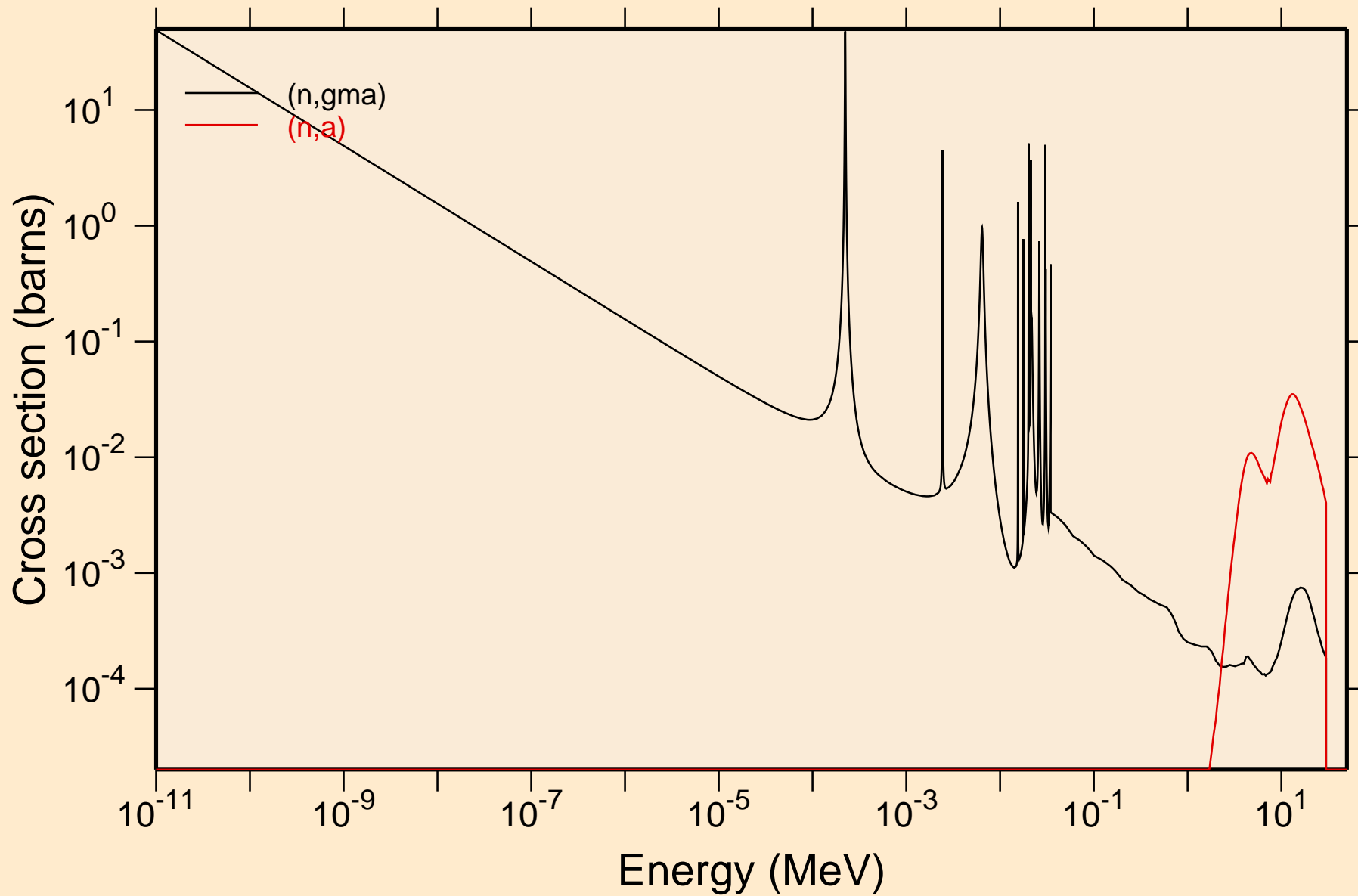
# CL038 NRG TENDL-2015, AKONING

## Principal cross sections



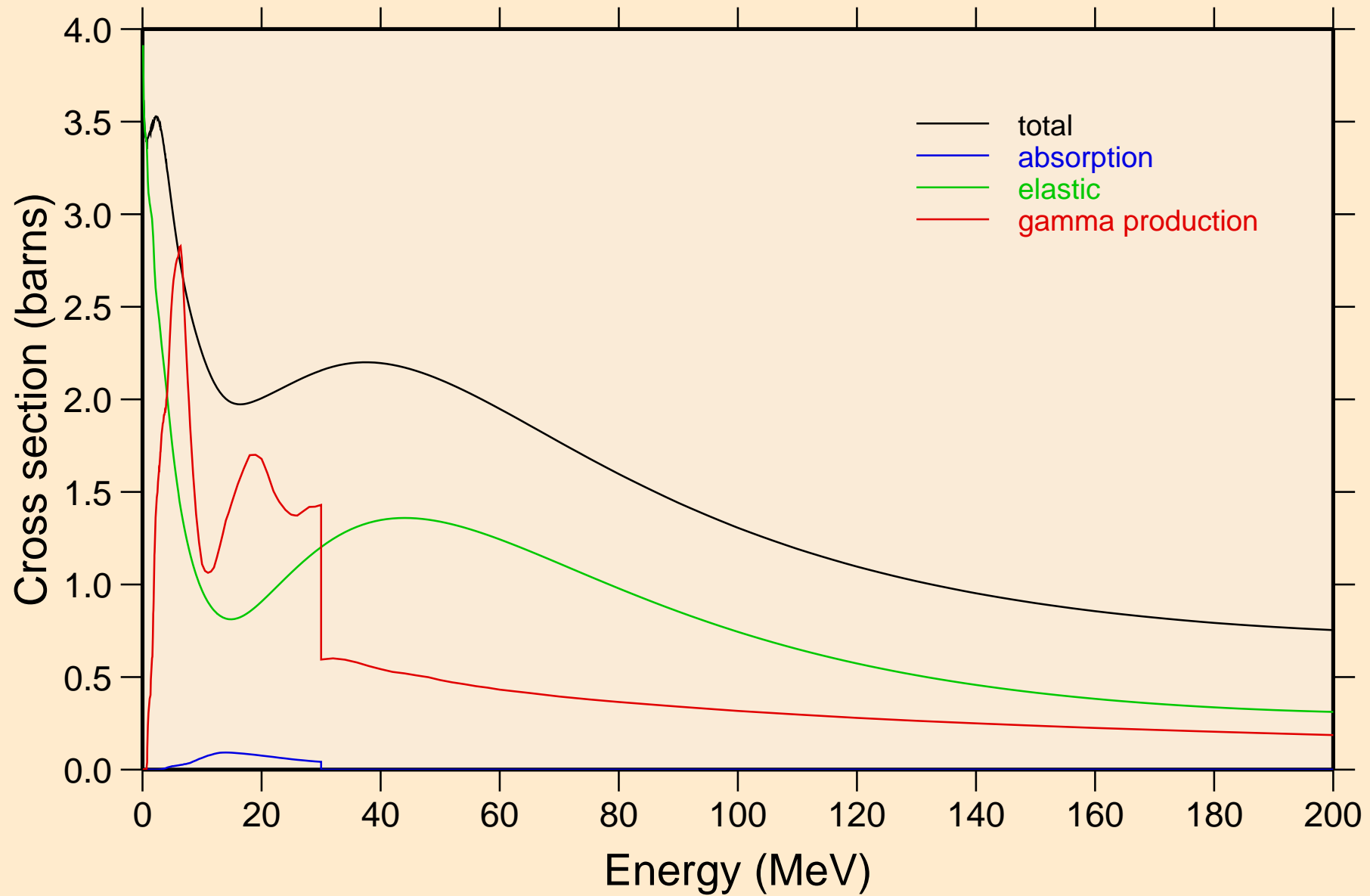
# CL038 NRG TENDL-2015, AKONING

## Non-threshold reactions



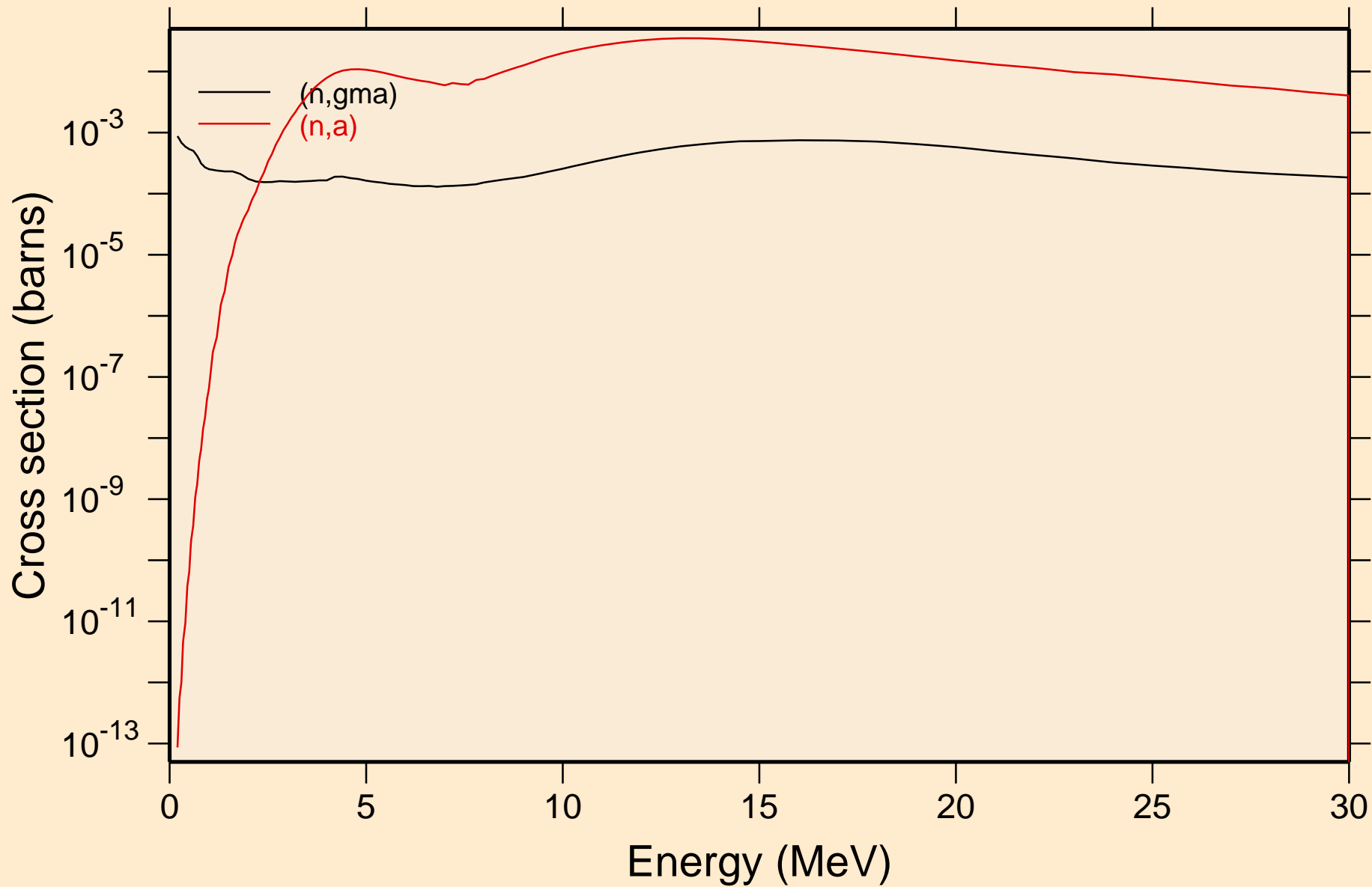
# CL038 NRG TENDL-2015, AKONING

## Principal cross sections



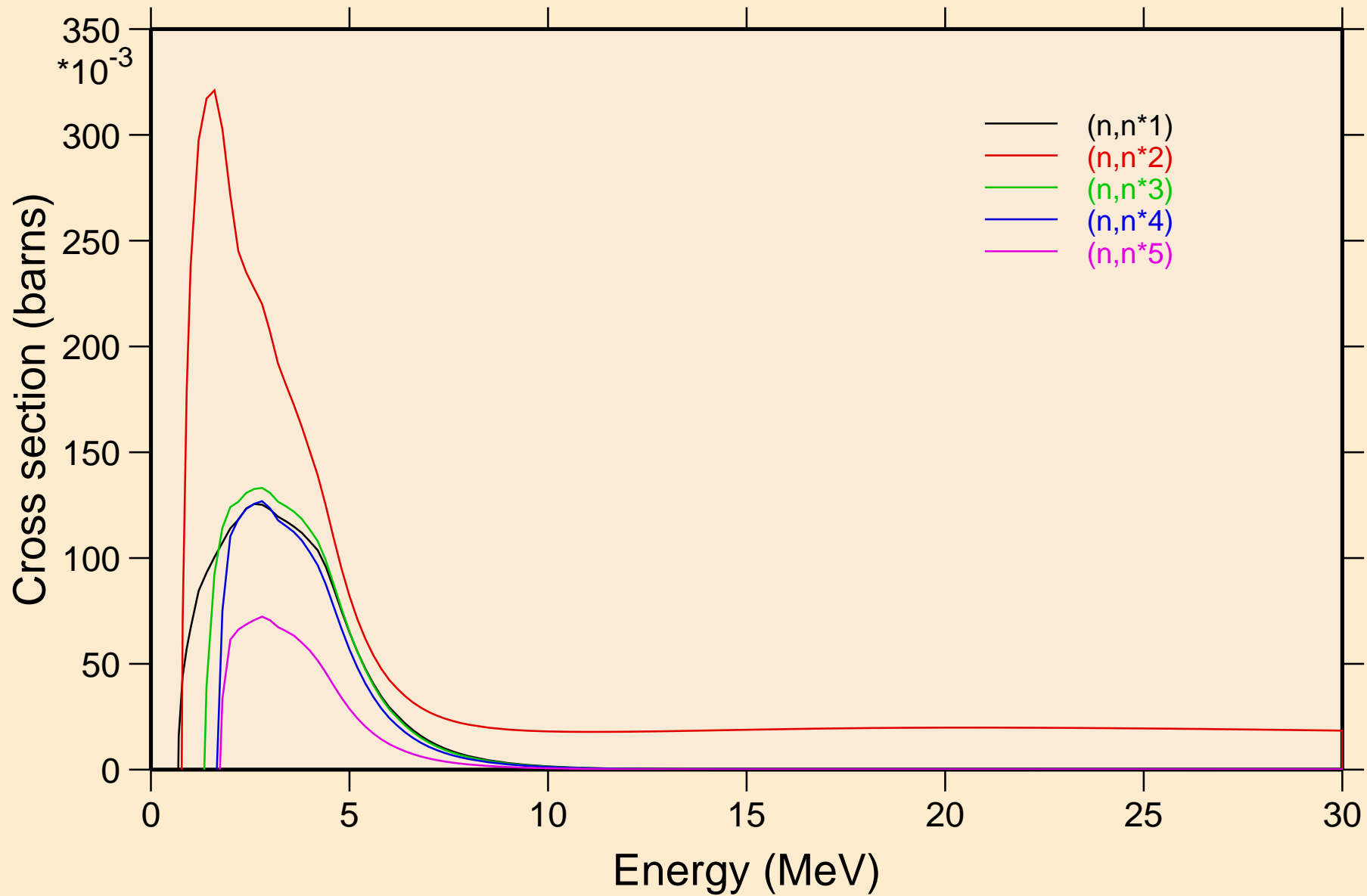
# CL038 NRG TENDL-2015, AKONING

## Non-threshold reactions



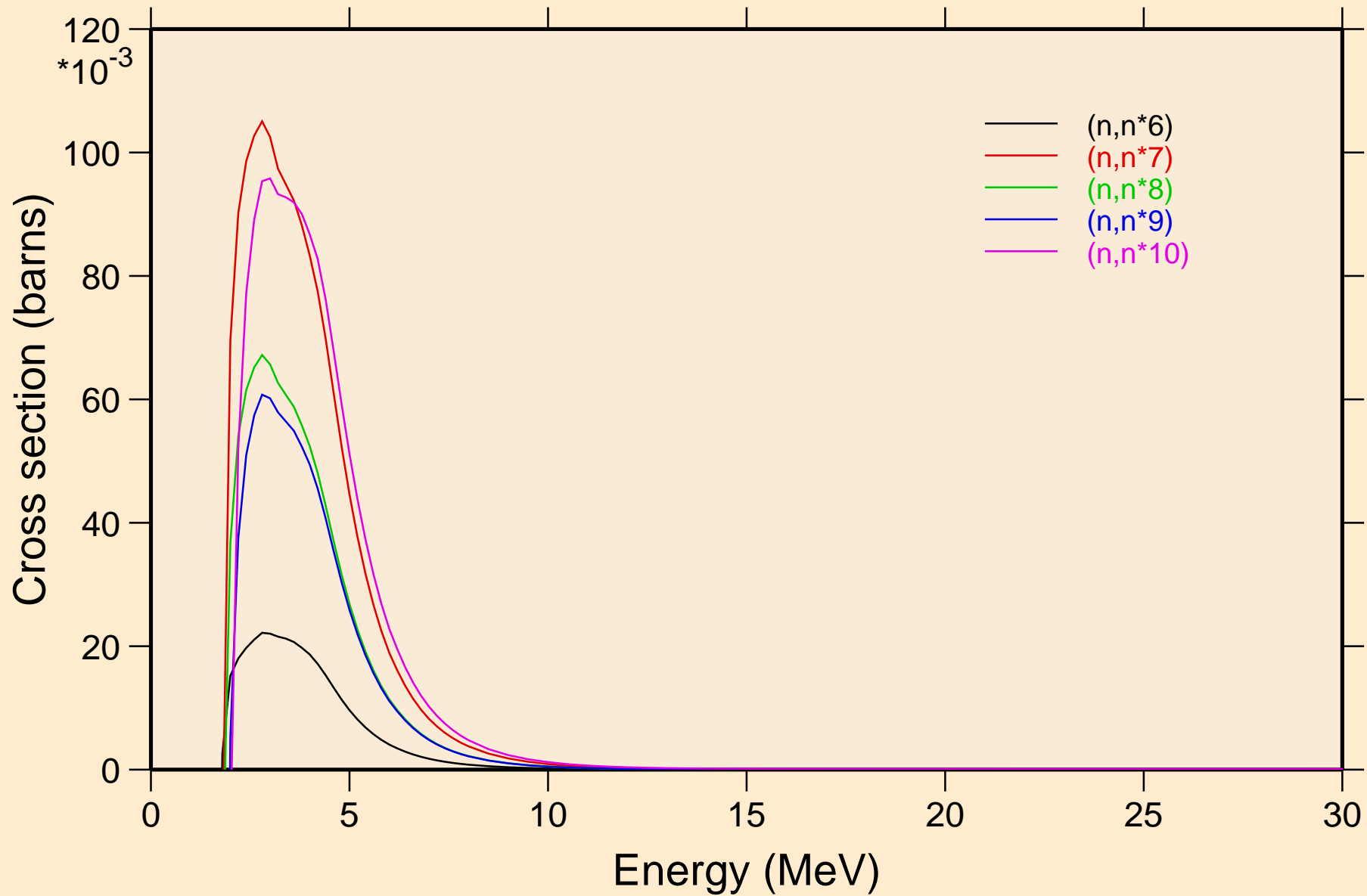
# CL038 NRG TENDL-2015, AKONING

## Inelastic levels



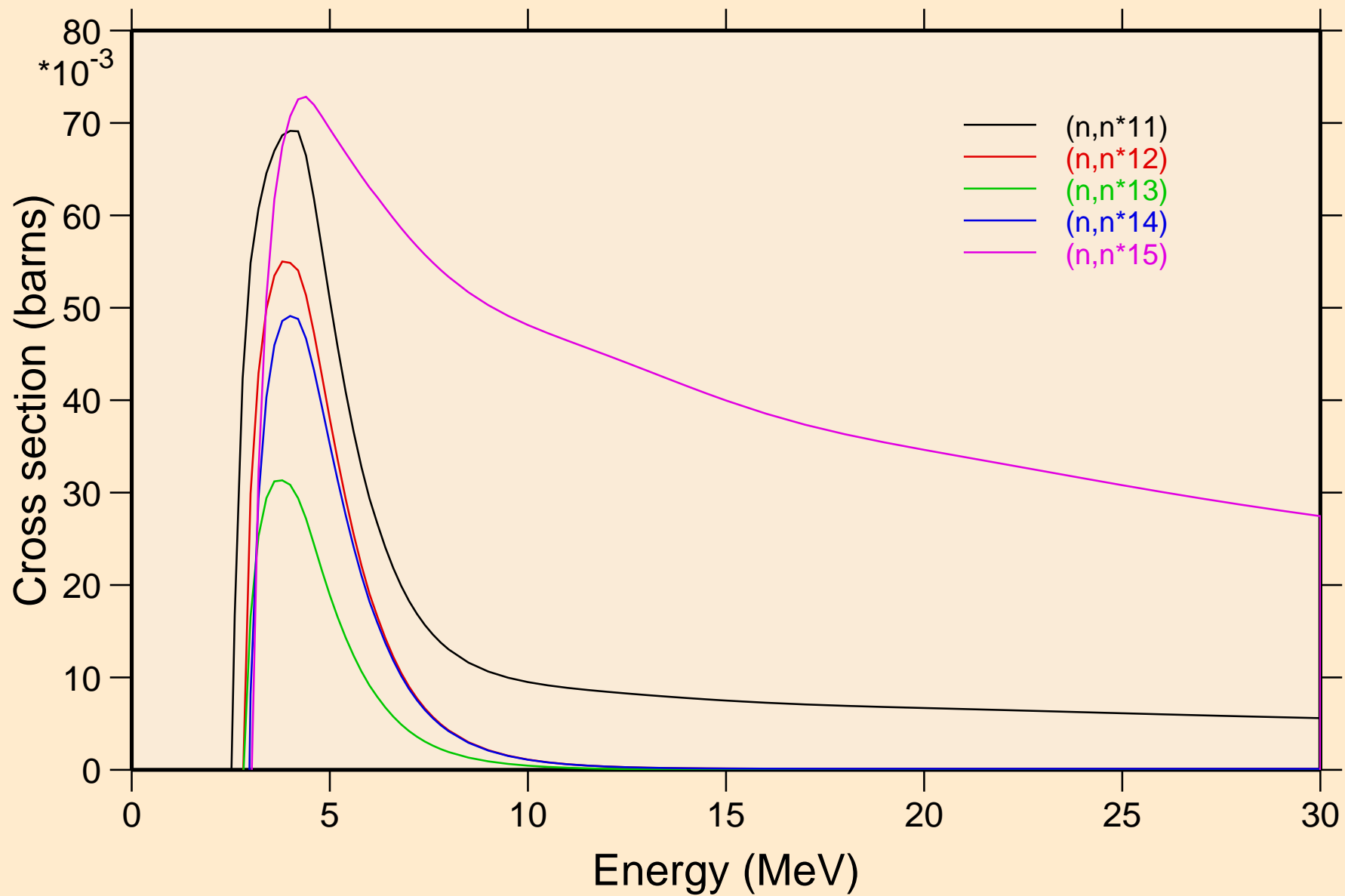
# CL038 NRG TENDL-2015, AKONING

## Inelastic levels

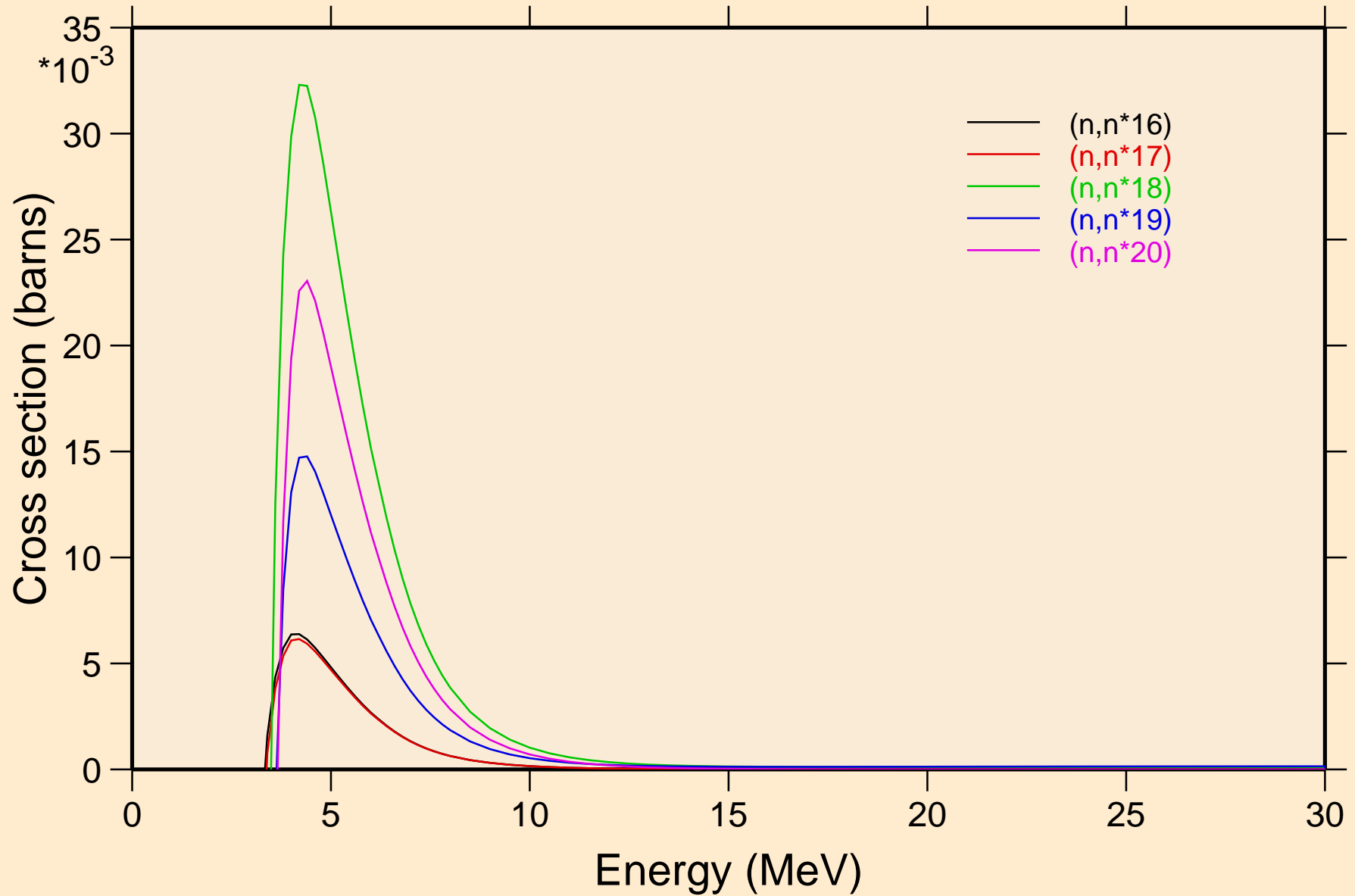


# CL038 NRG TENDL-2015, AKONING

## Inelastic levels



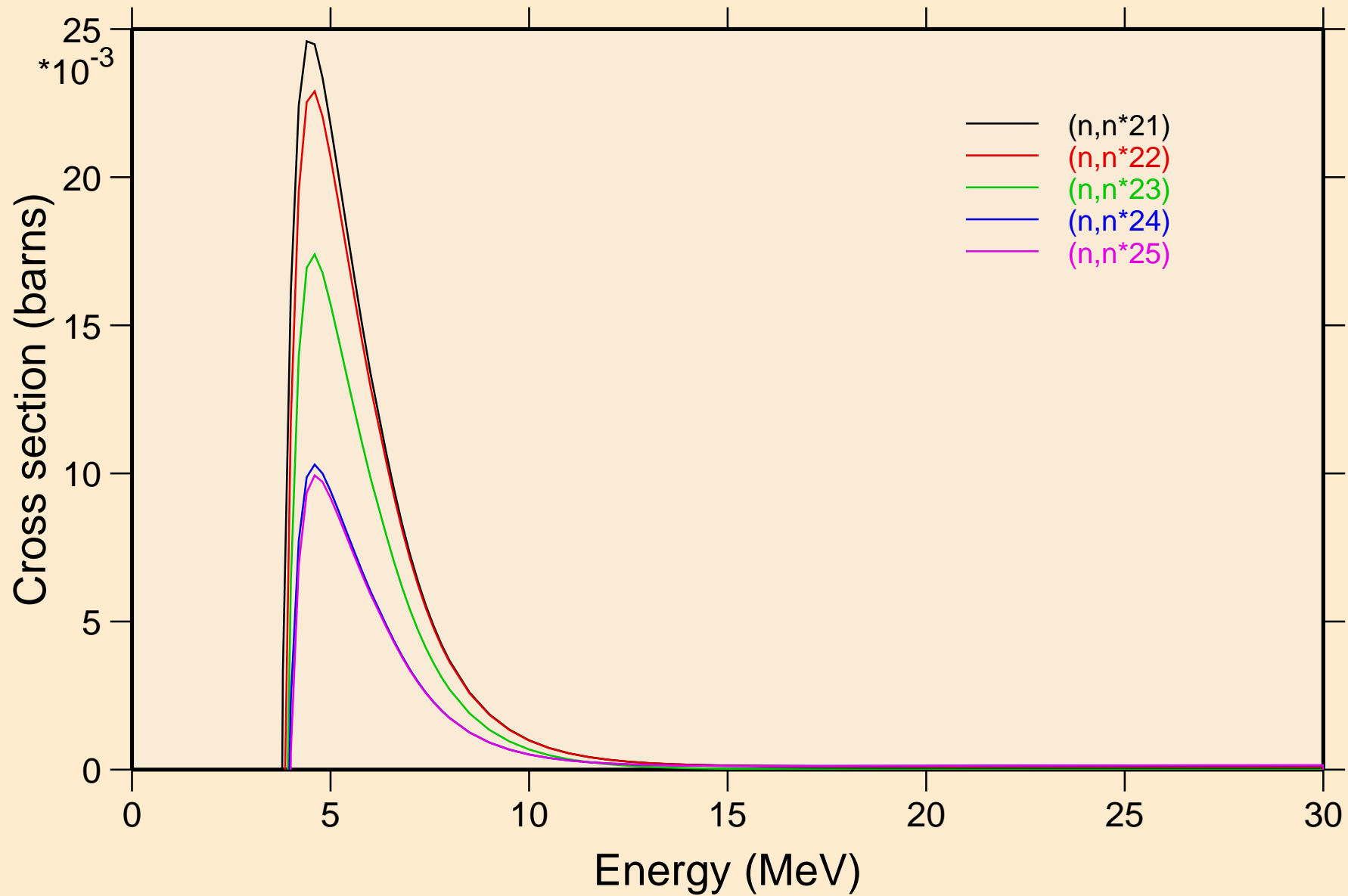
CL038 NRG TENDL-2015, AKONING  
Inelastic levels



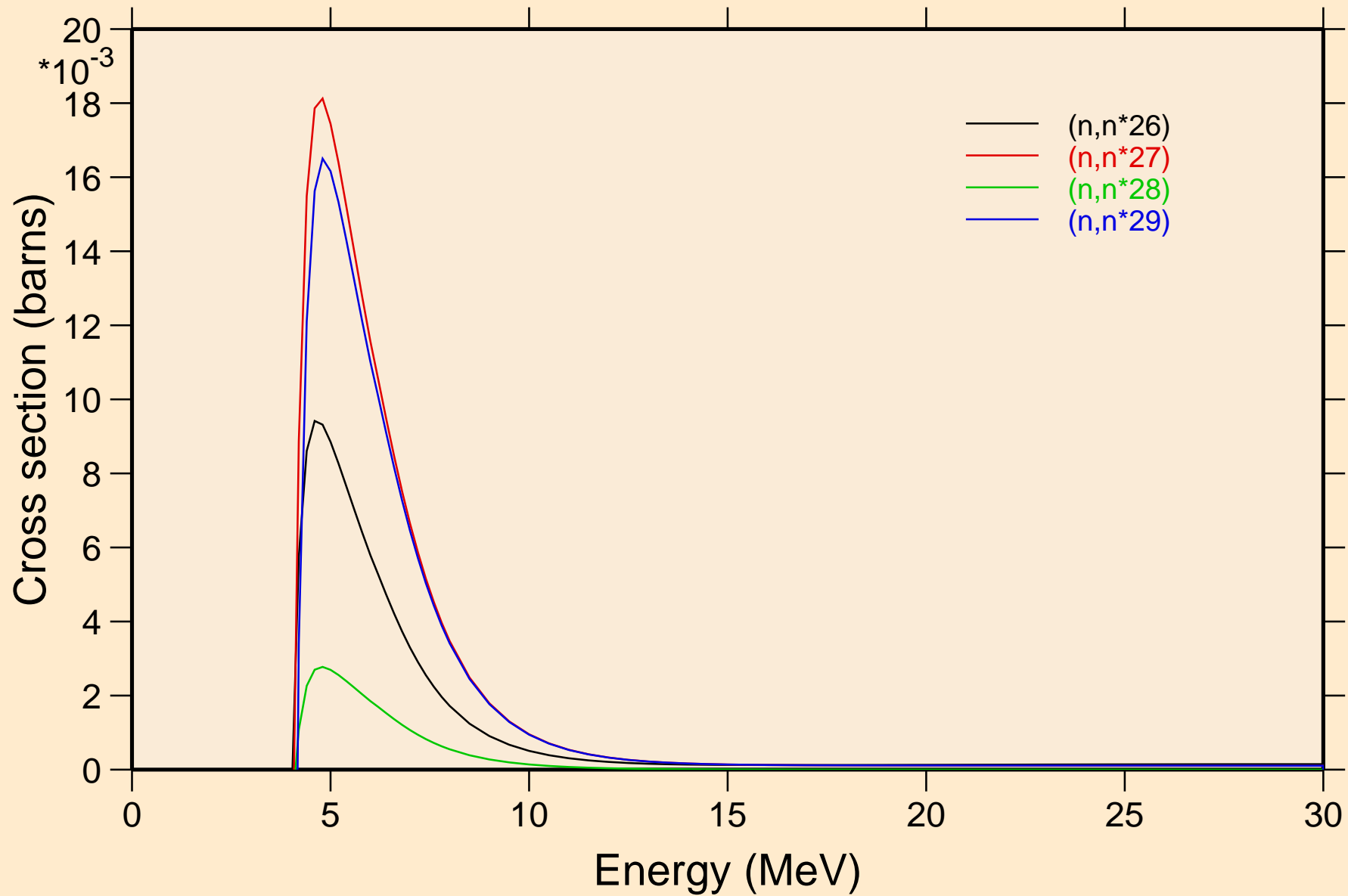


# CL038 NRG TENDL-2015, AKONING

## Inelastic levels

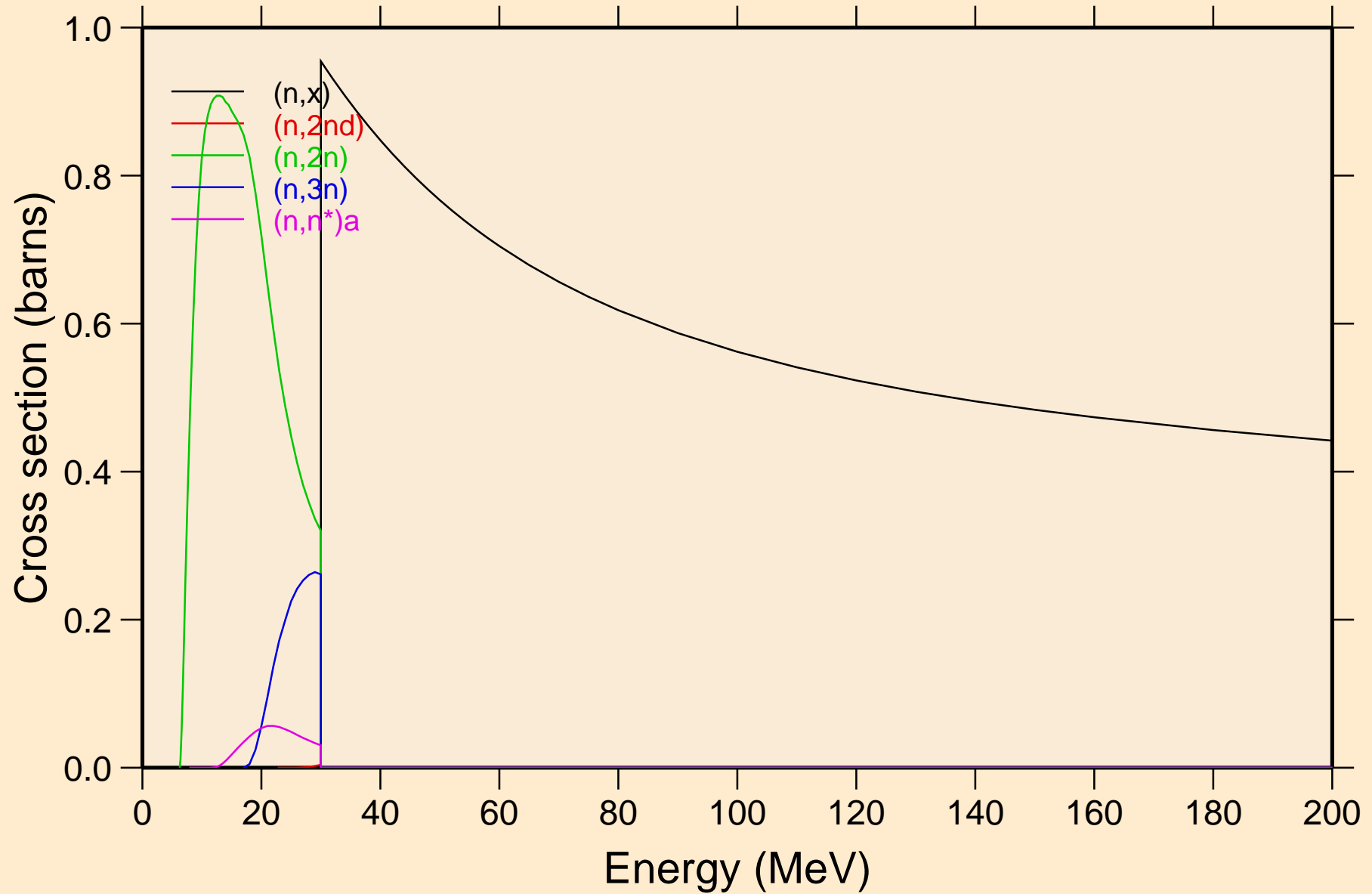


CL038 NRG TENDL-2015, AKONING  
Inelastic levels



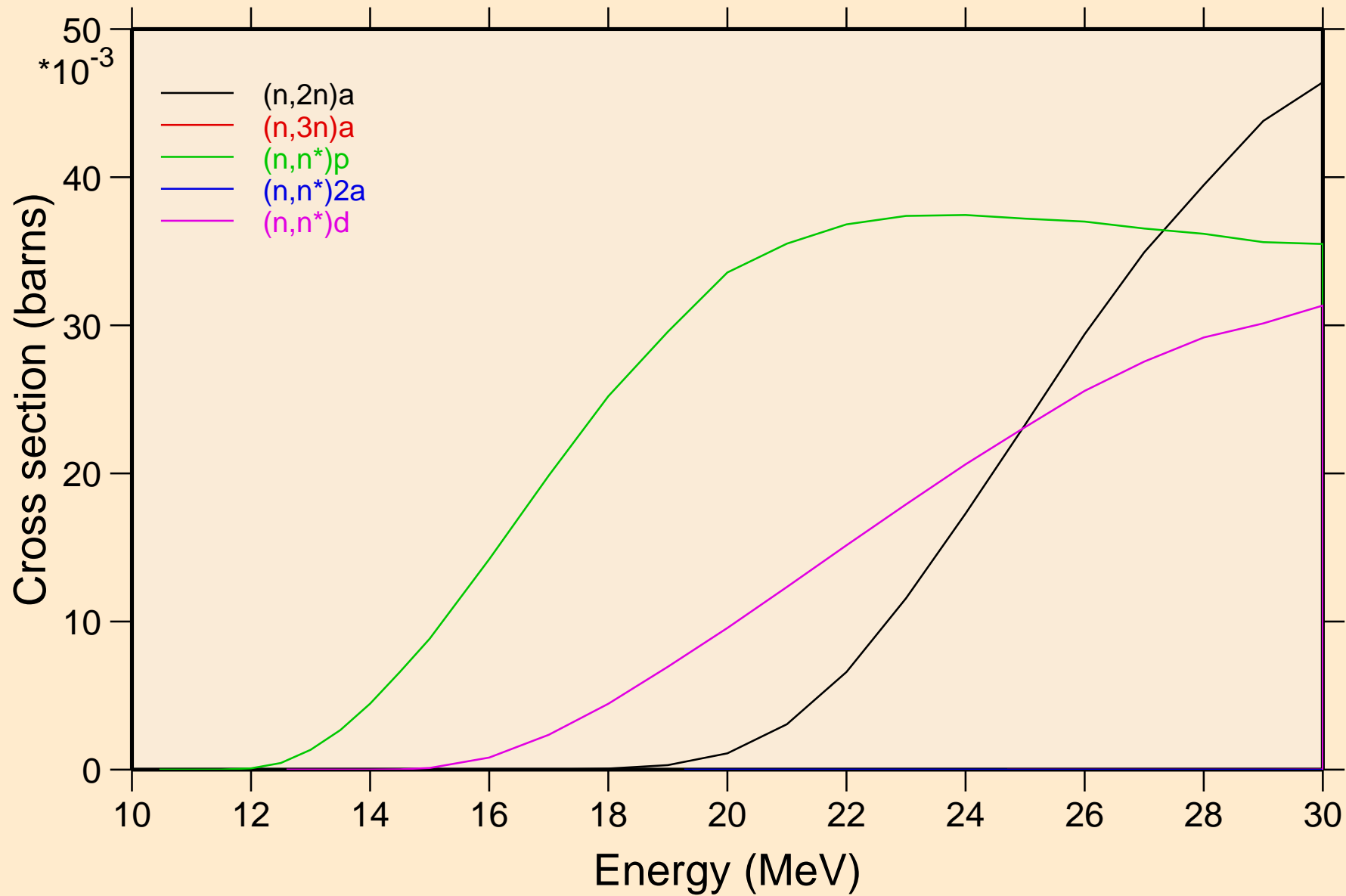
# CL038 NRG TENDL-2015, AKONING

## Threshold reactions



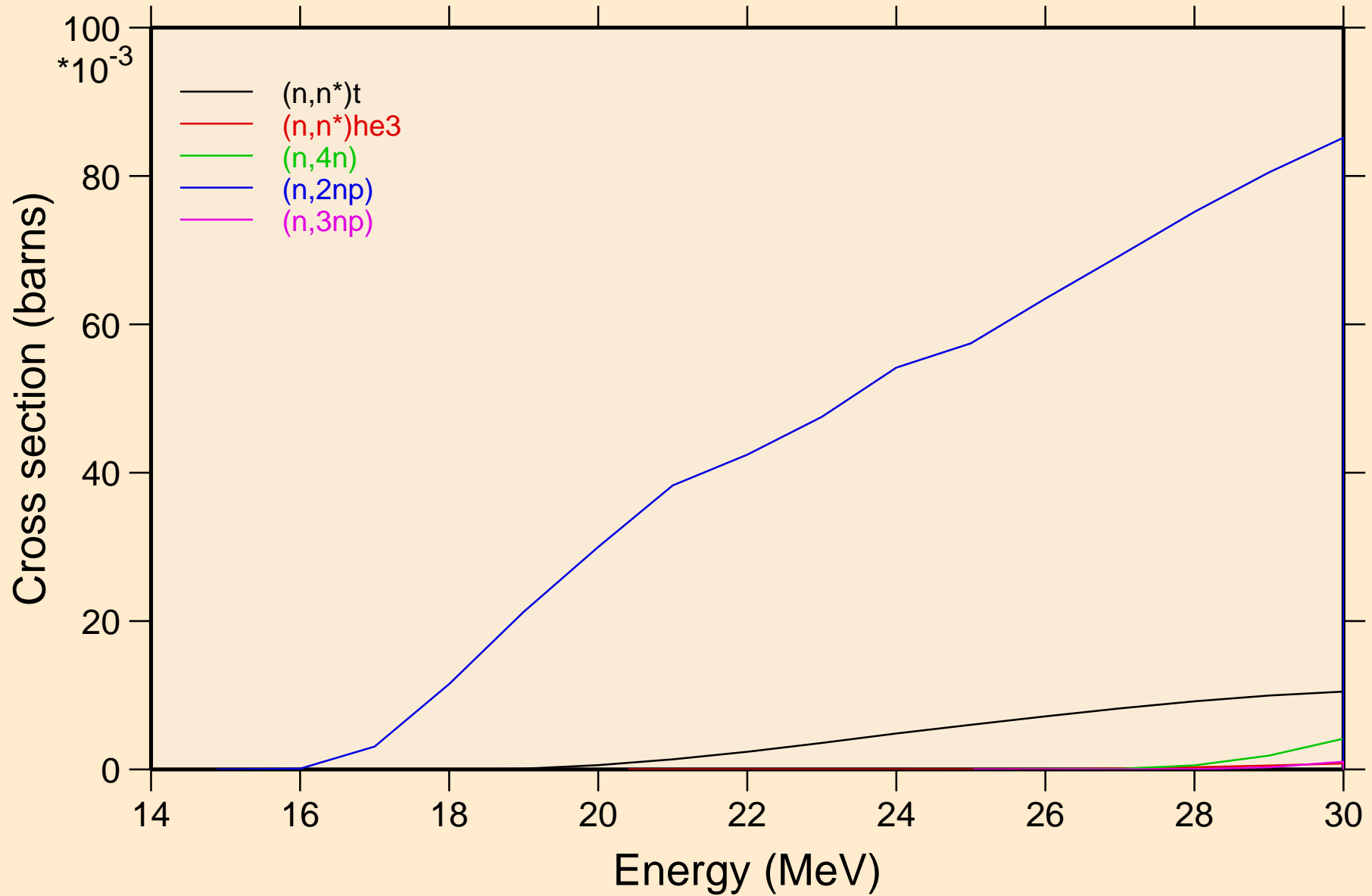
# CL038 NRG TENDL-2015, AKONING

## Threshold reactions



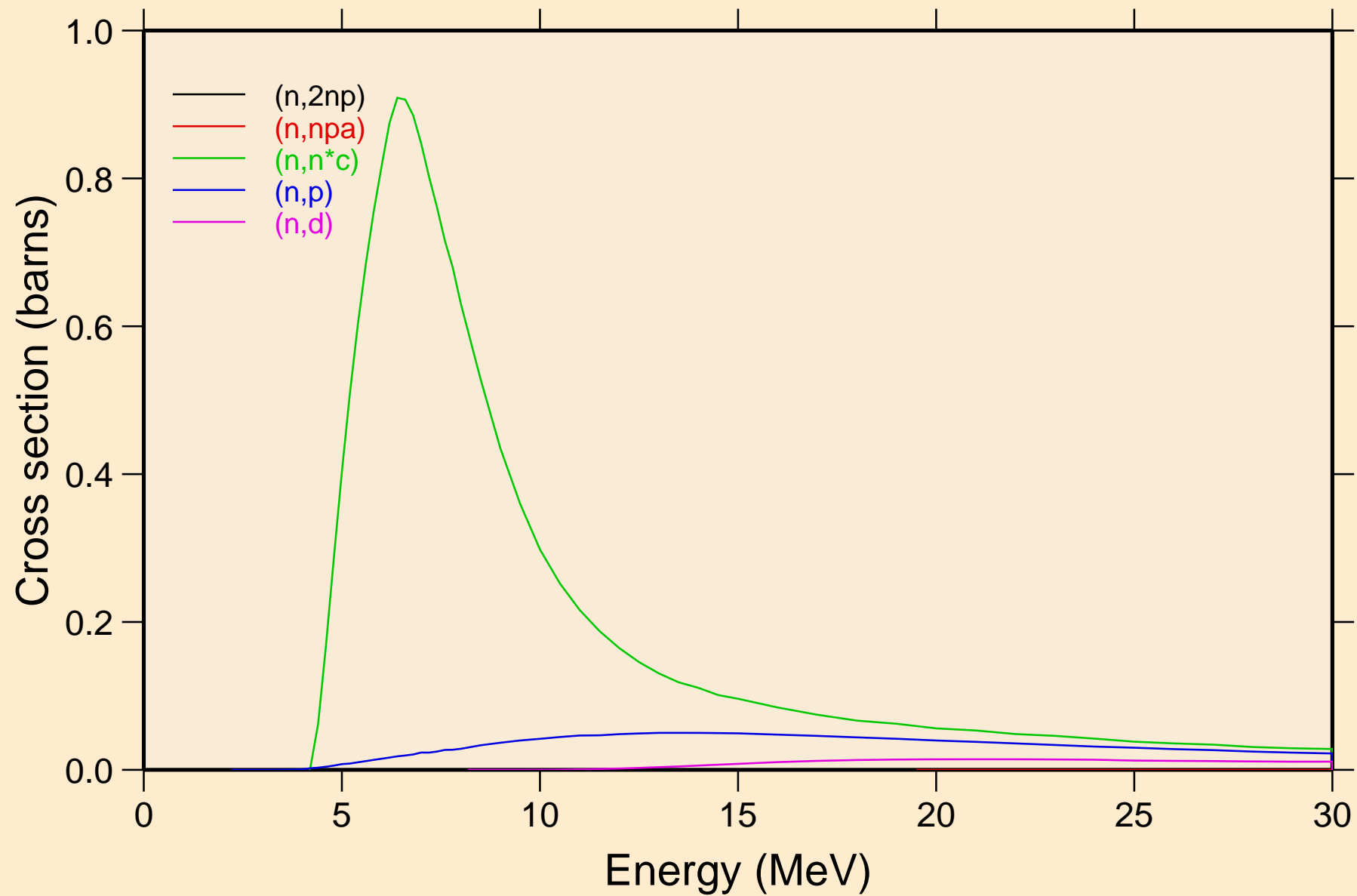
# CL038 NRG TENDL-2015, AKONING

## Threshold reactions



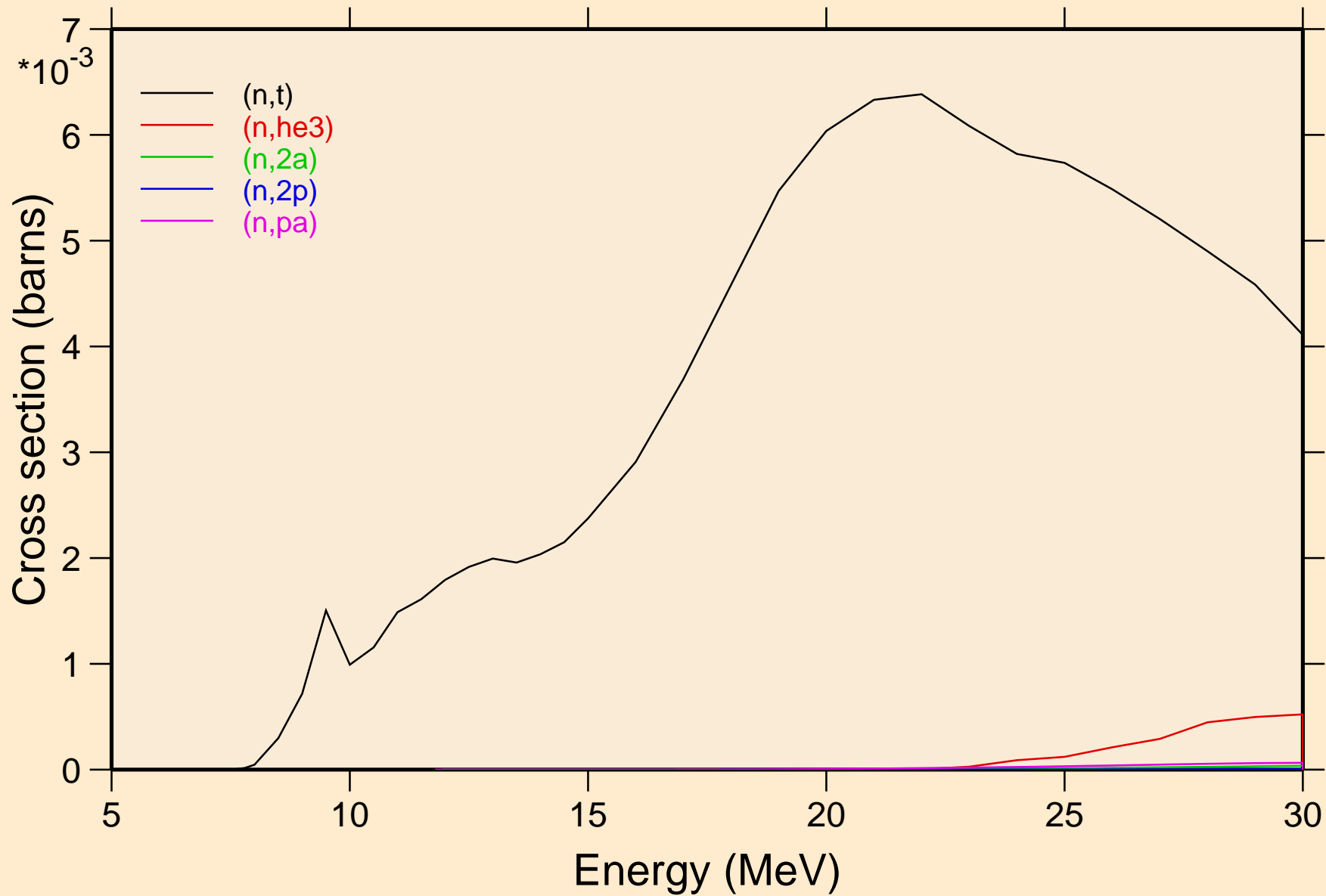
# CL038 NRG TENDL-2015, AKONING

## Threshold reactions



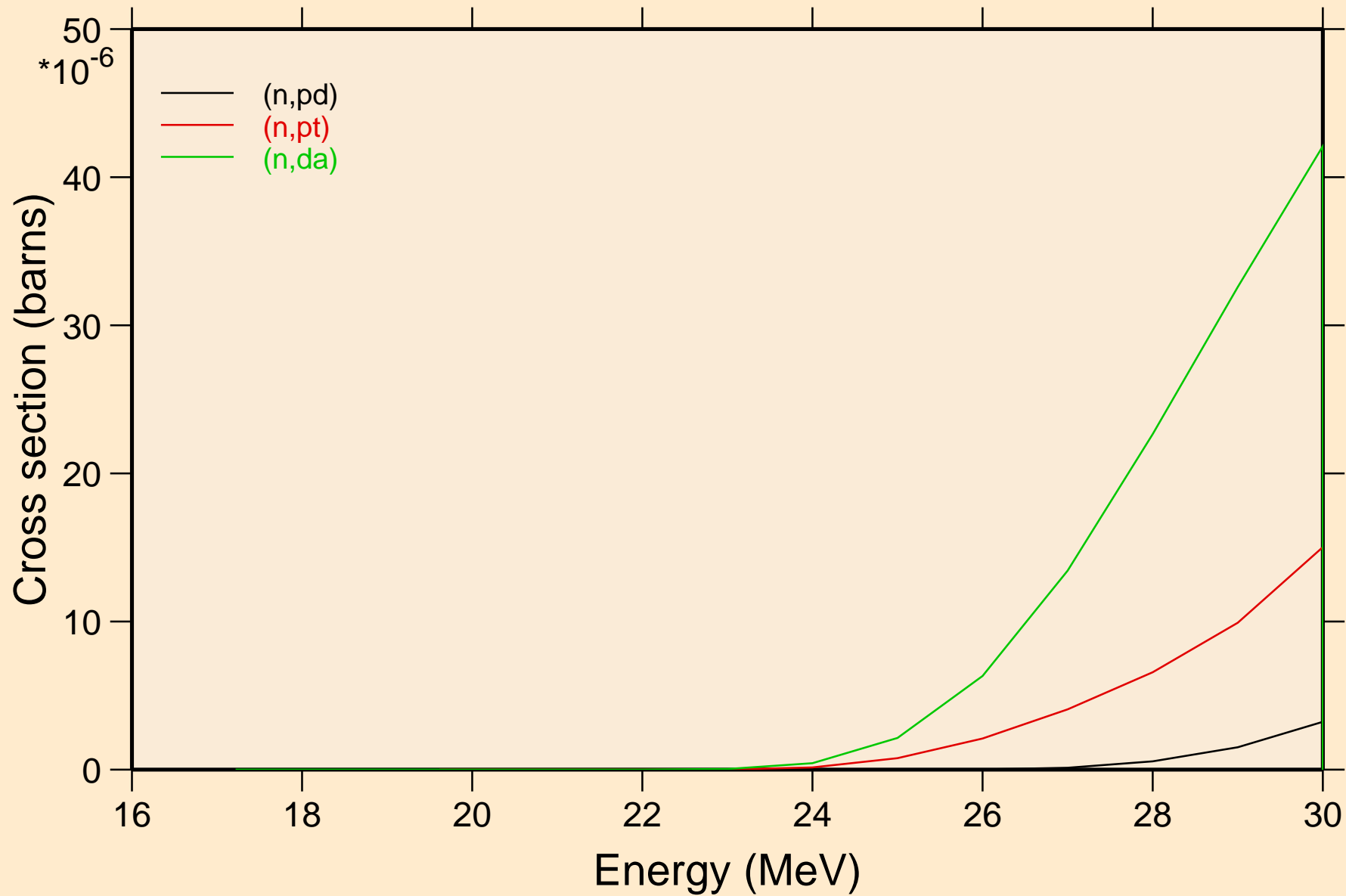
# CL038 NRG TENDL-2015, AKONING

## Threshold reactions



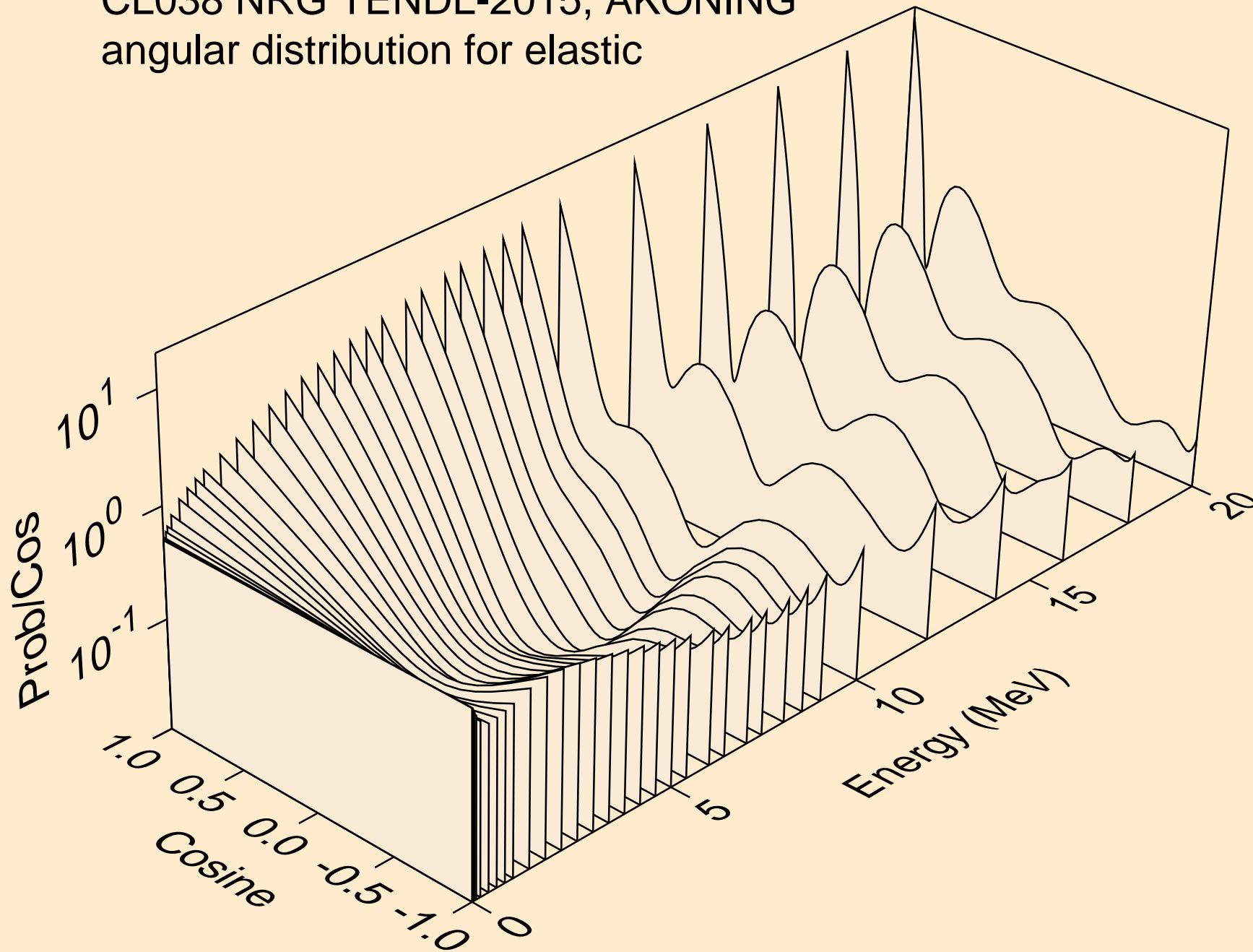
# CL038 NRG TENDL-2015, AKONING

## Threshold reactions

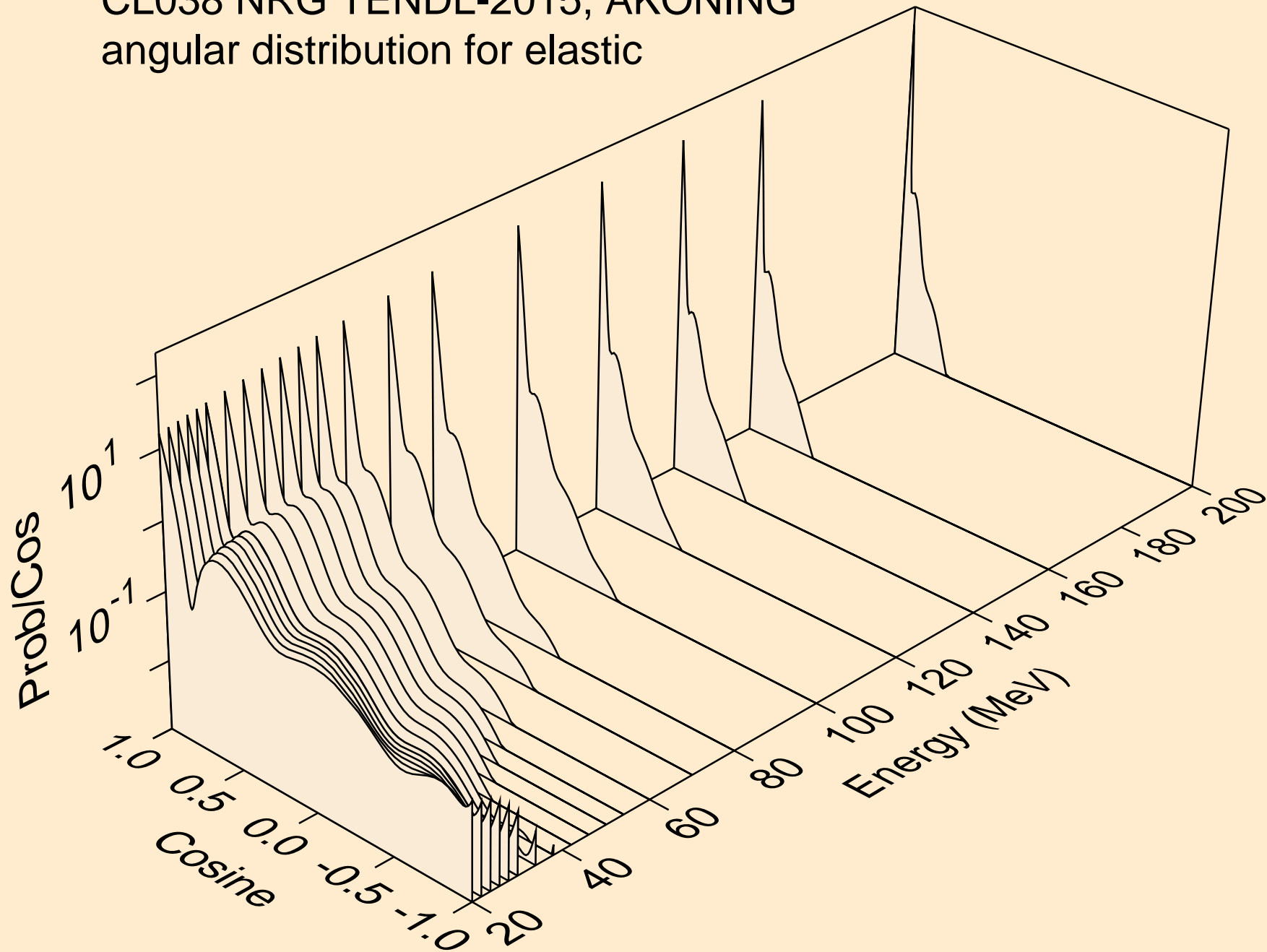




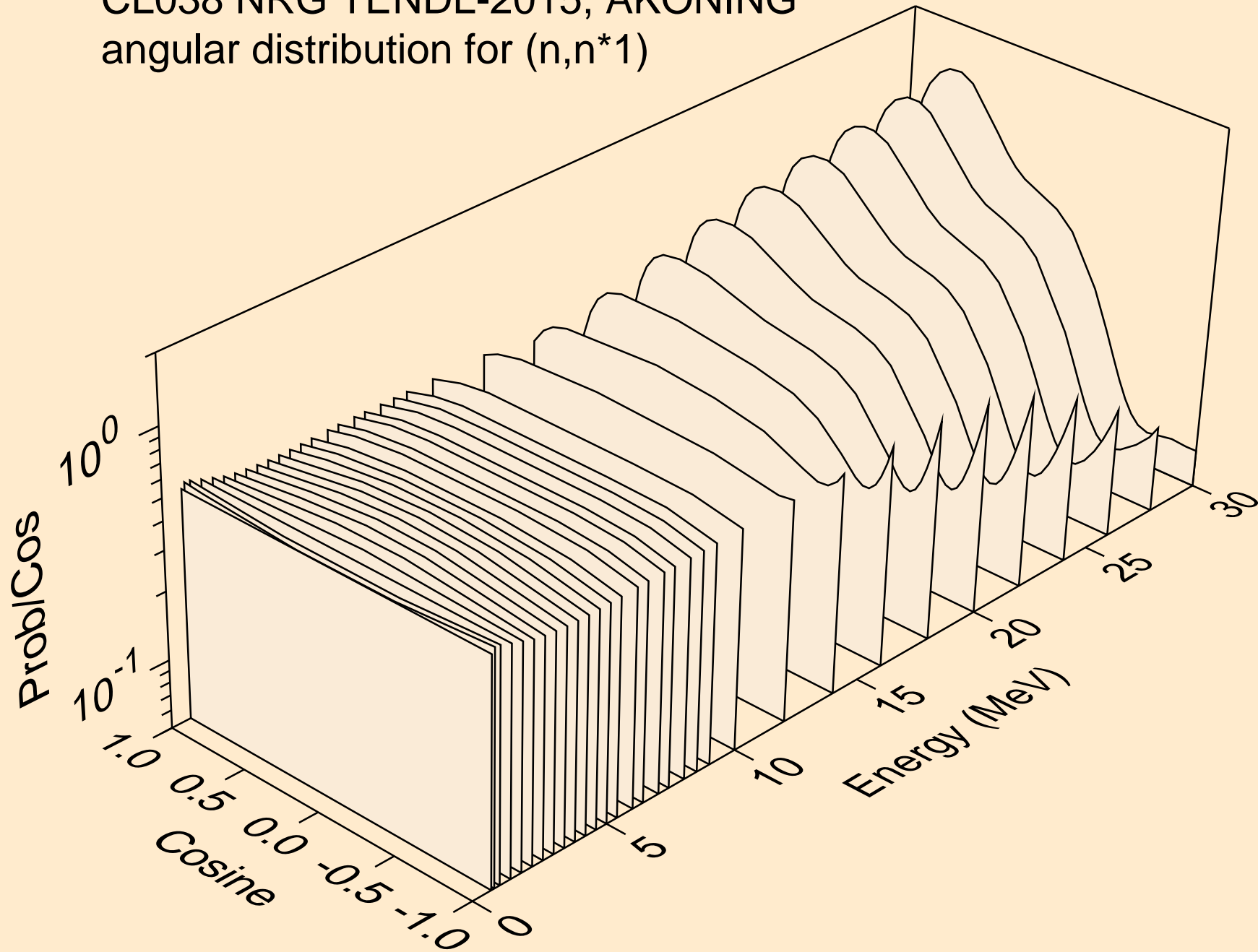
CL038 NRG TENDL-2015, AKONING  
angular distribution for elastic



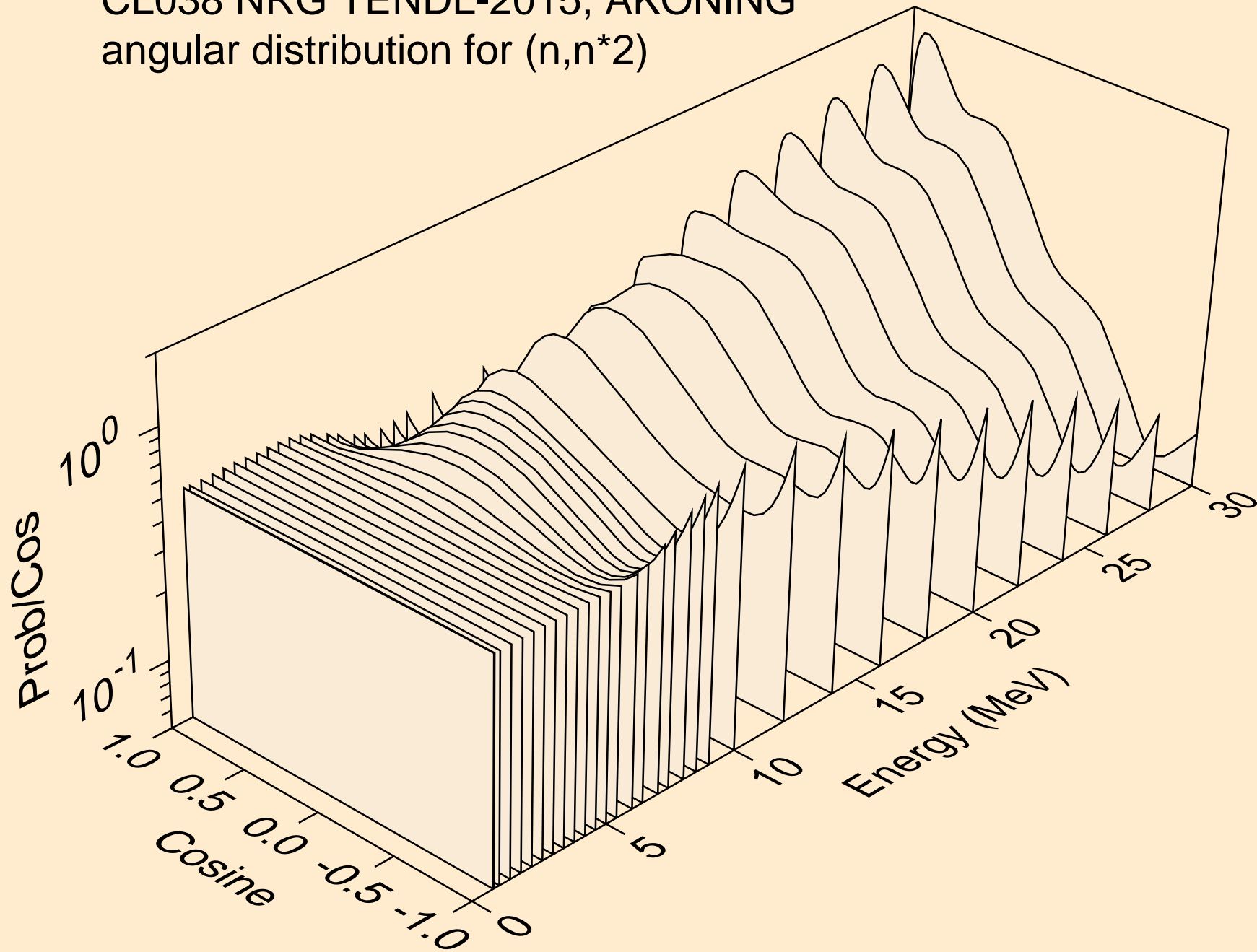
CL038 NRG TENDL-2015, AKONING  
angular distribution for elastic



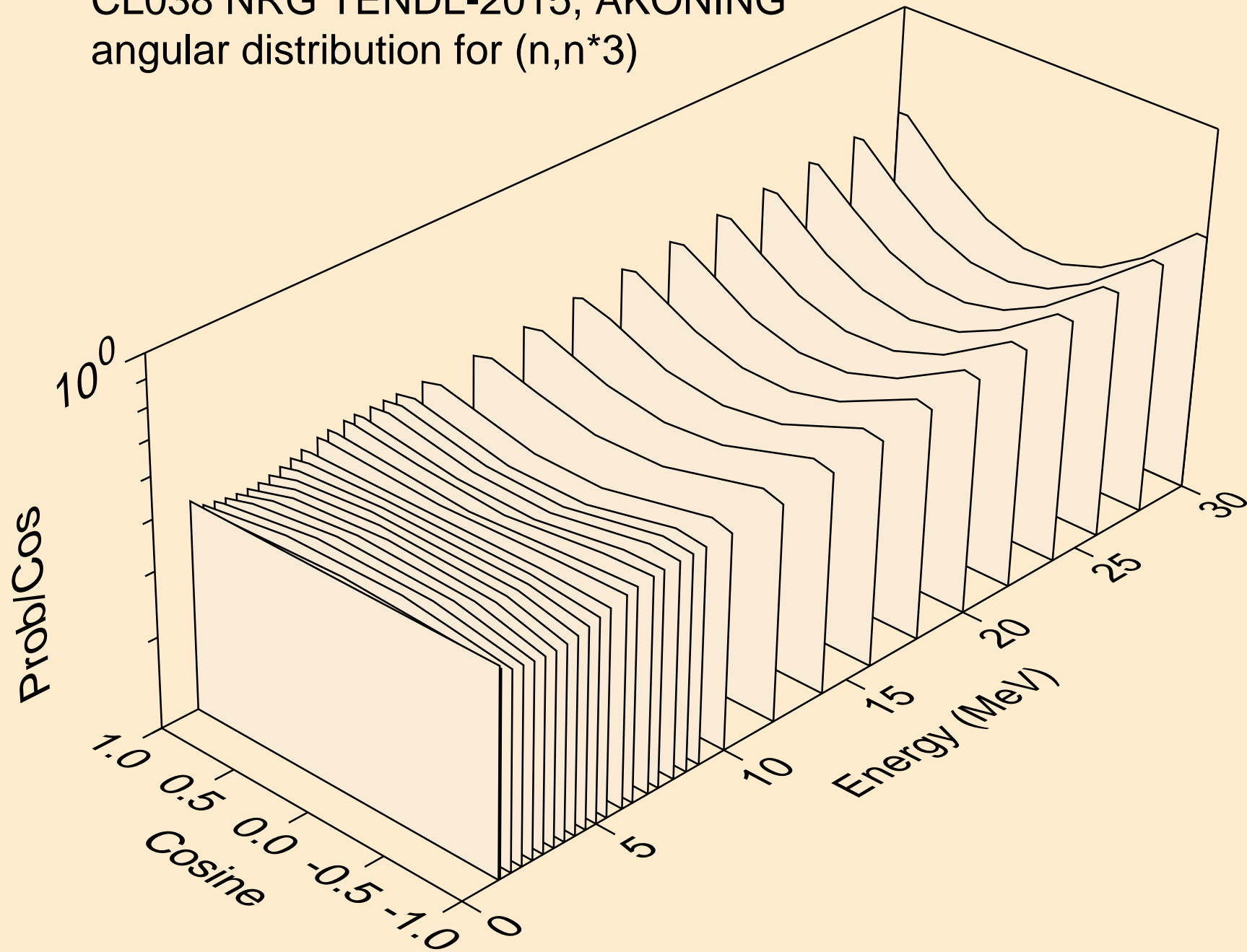
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



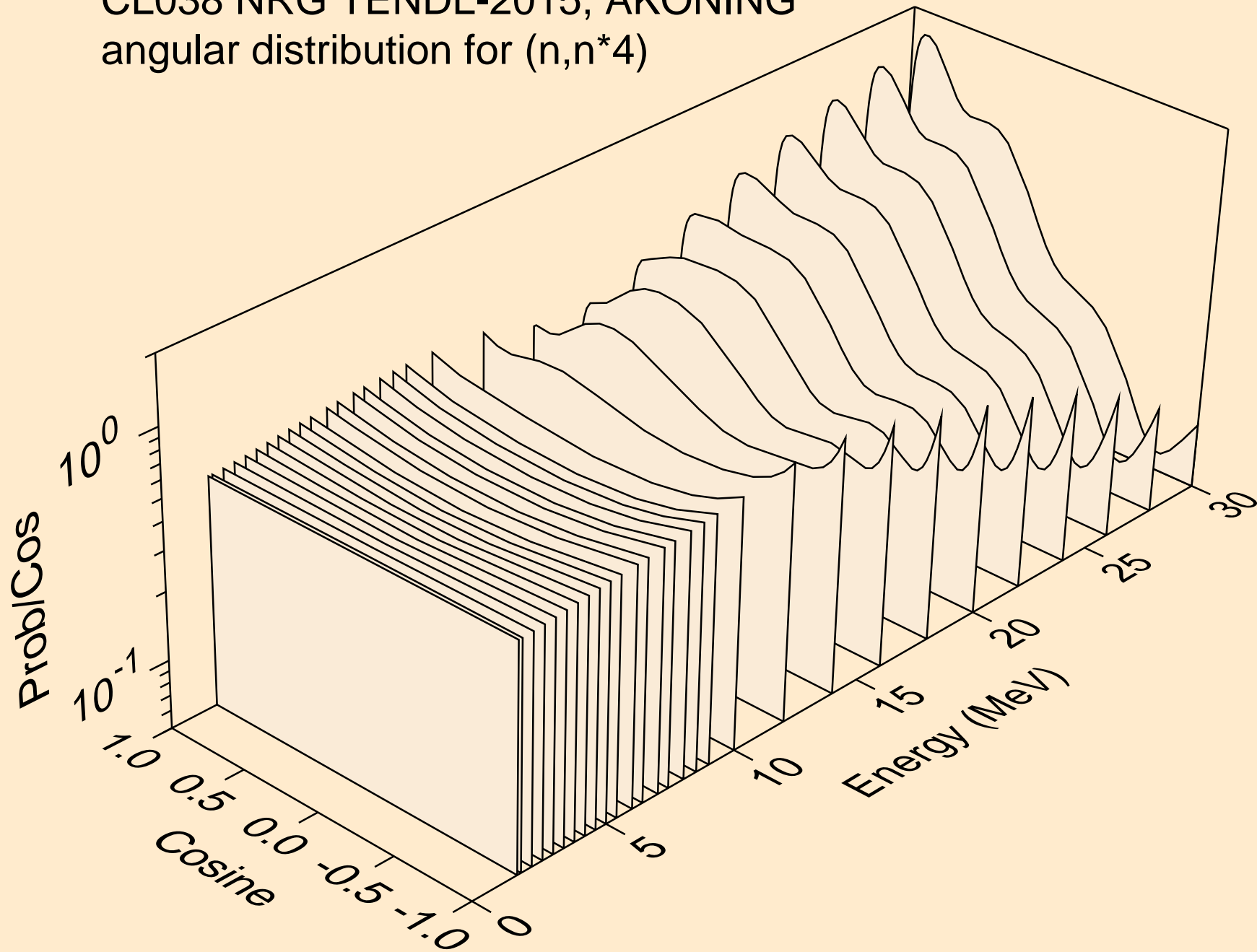
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



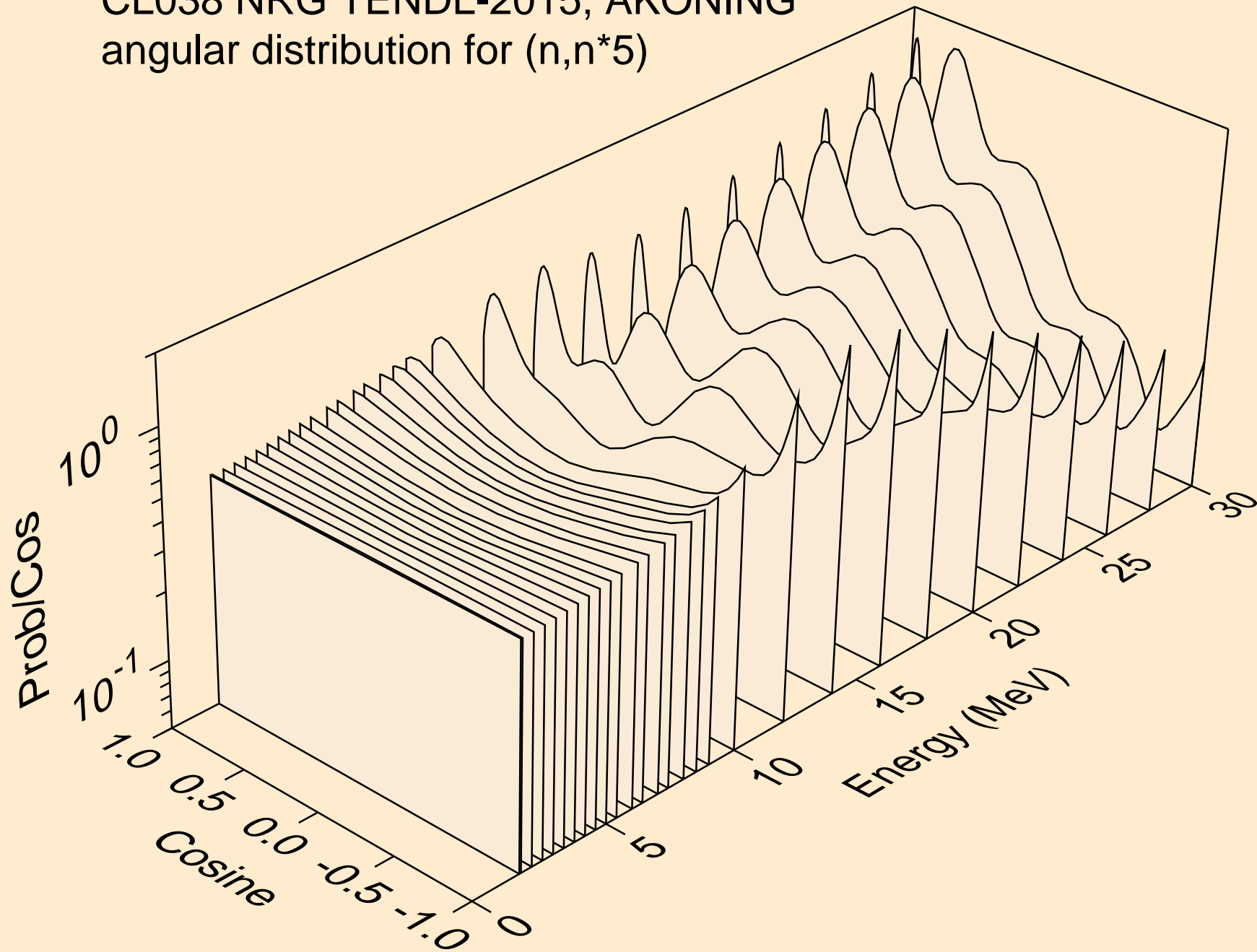
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



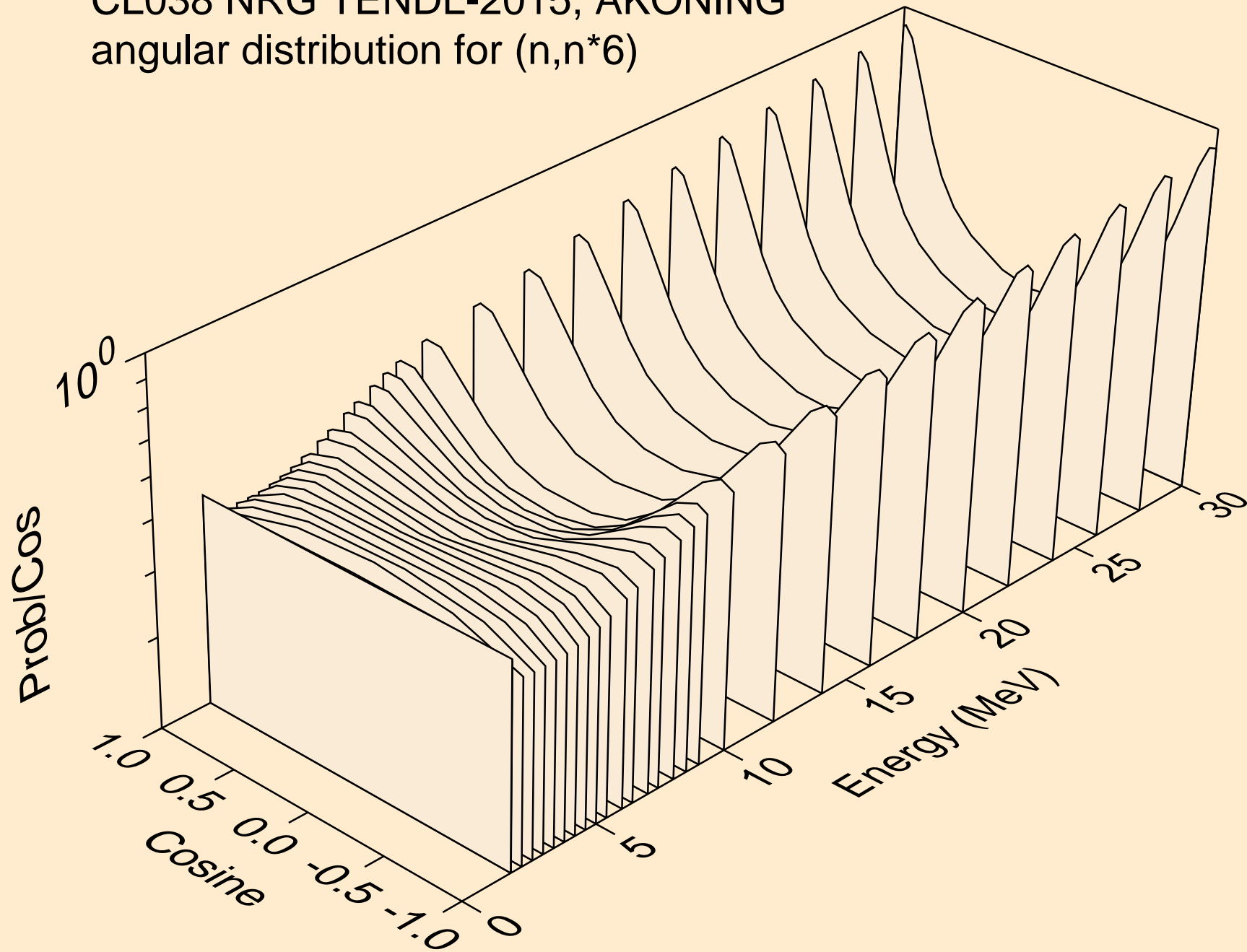
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

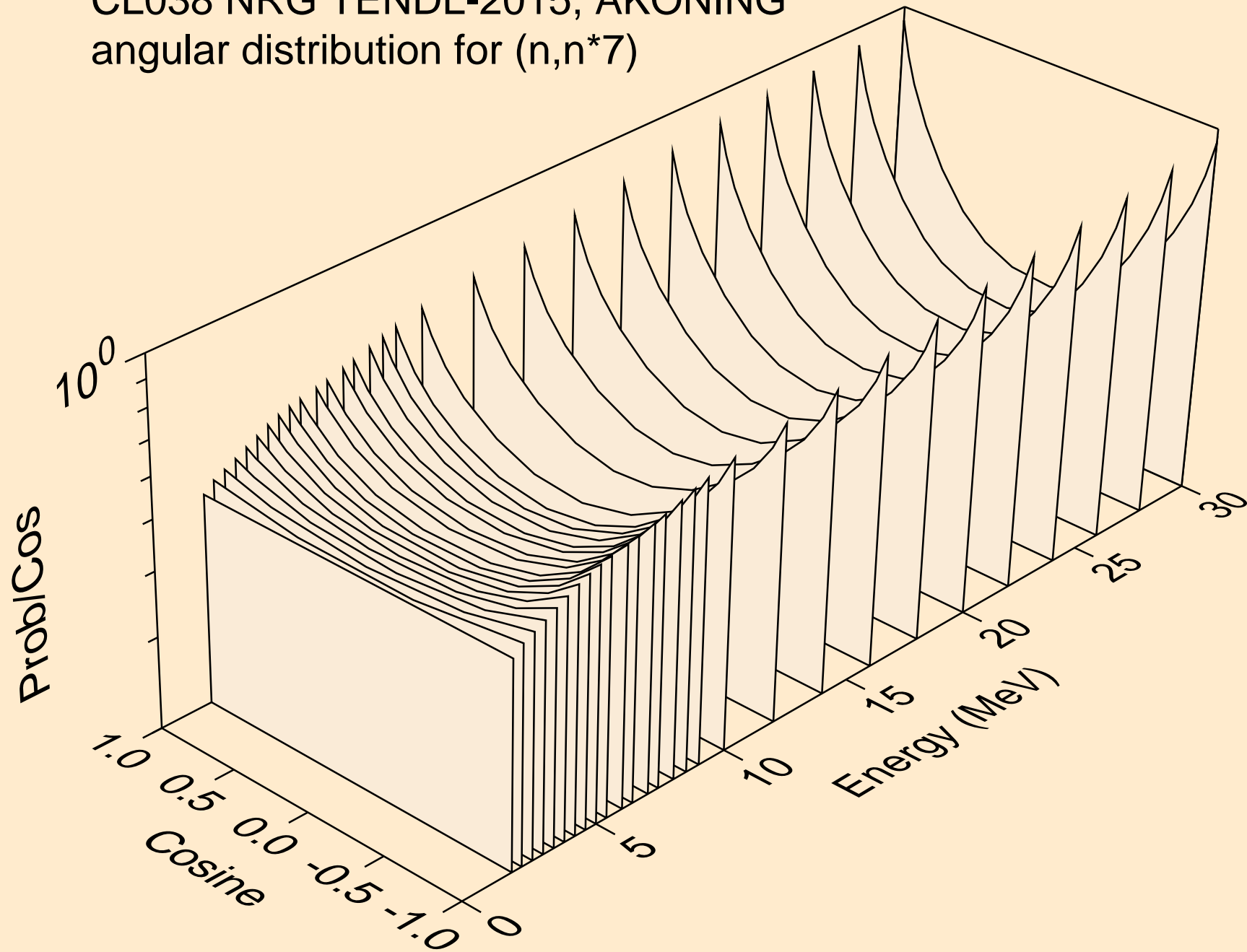


CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

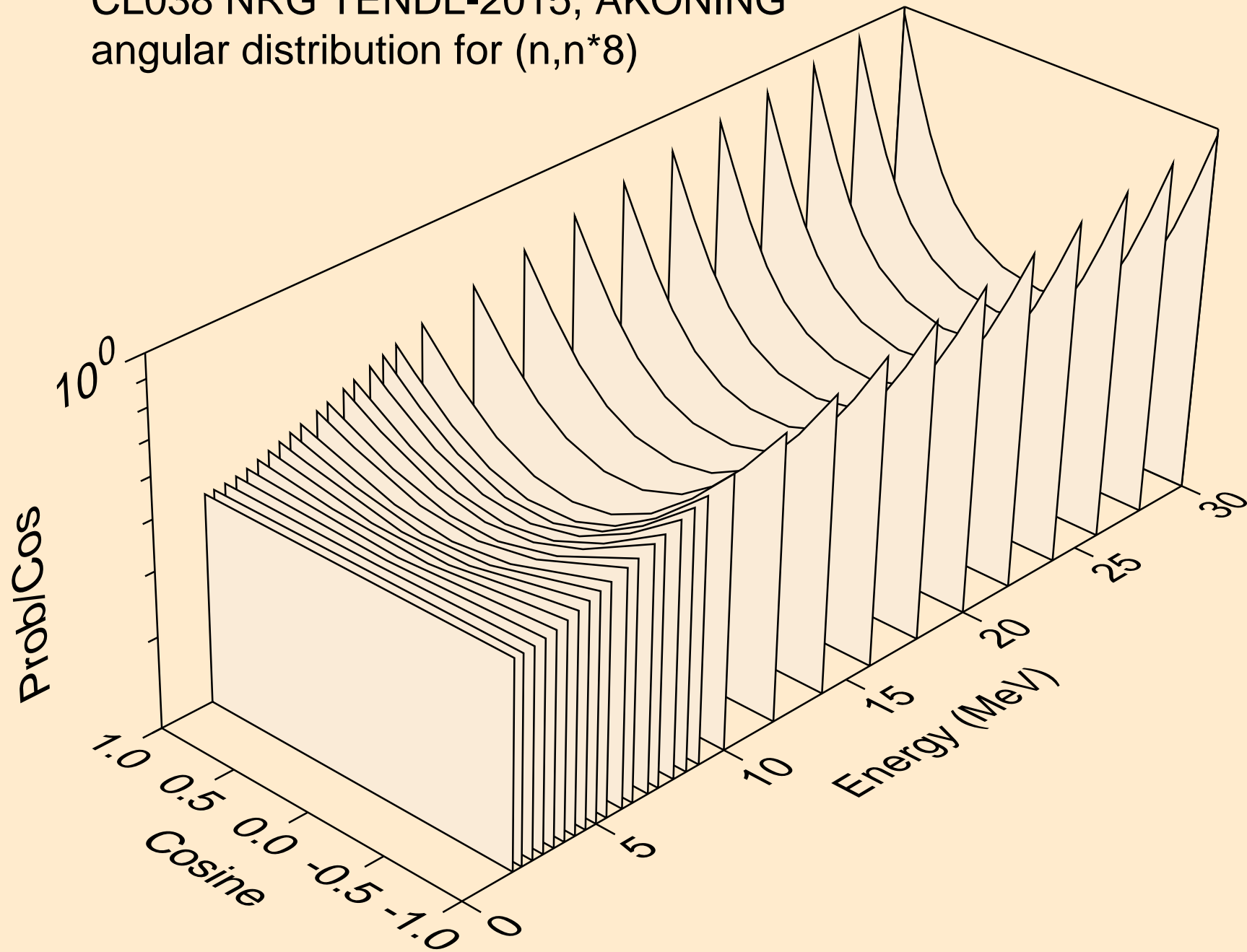




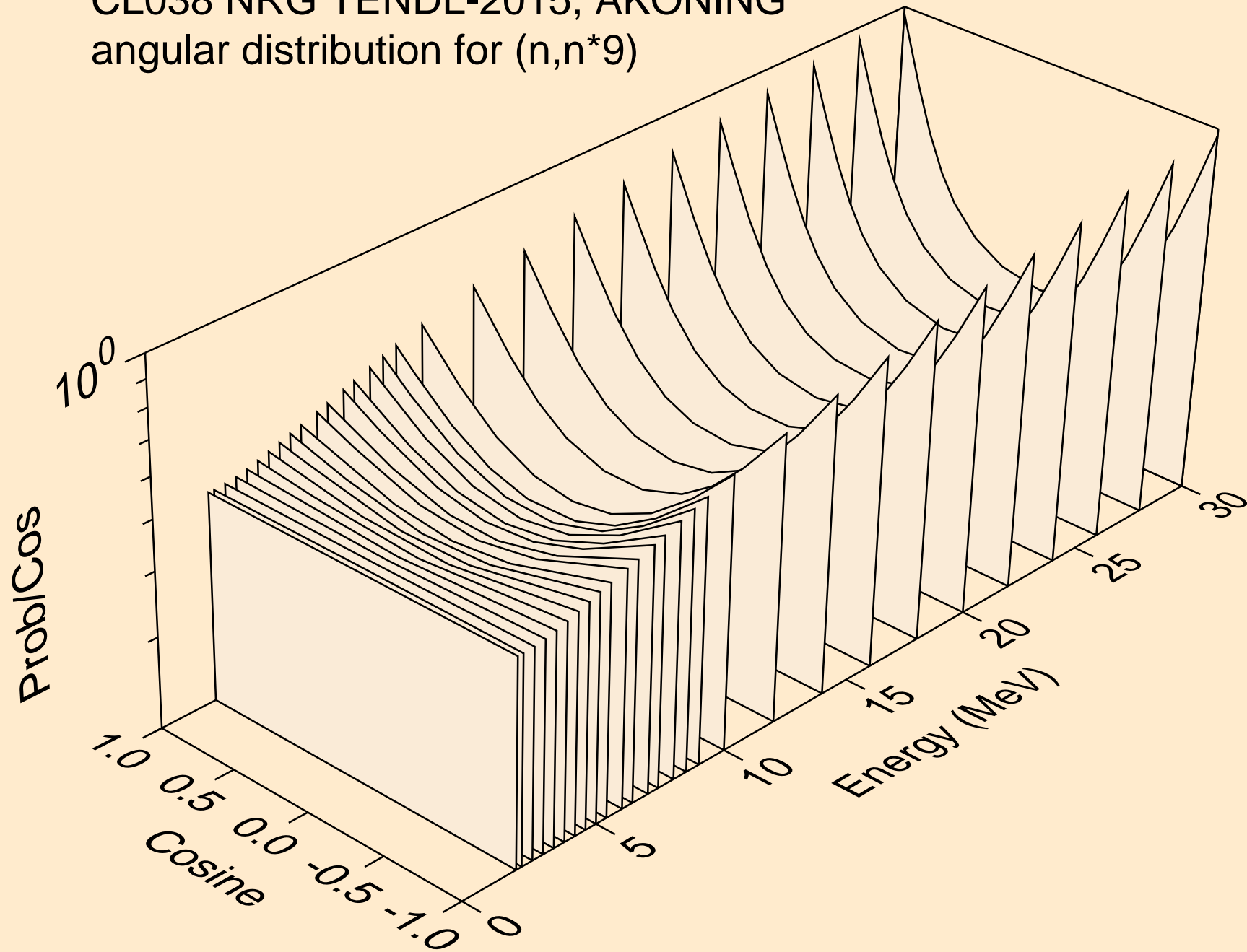
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



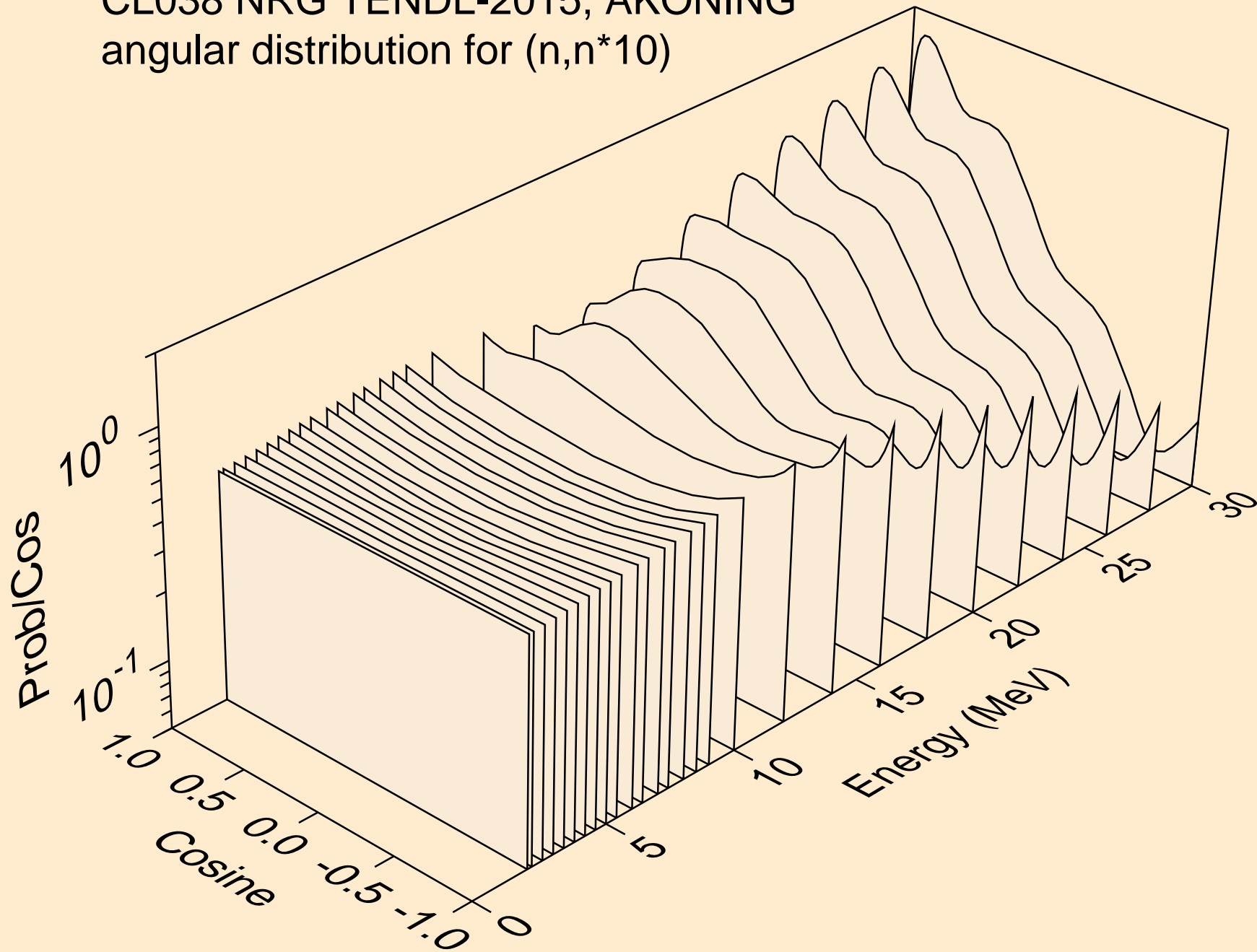
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



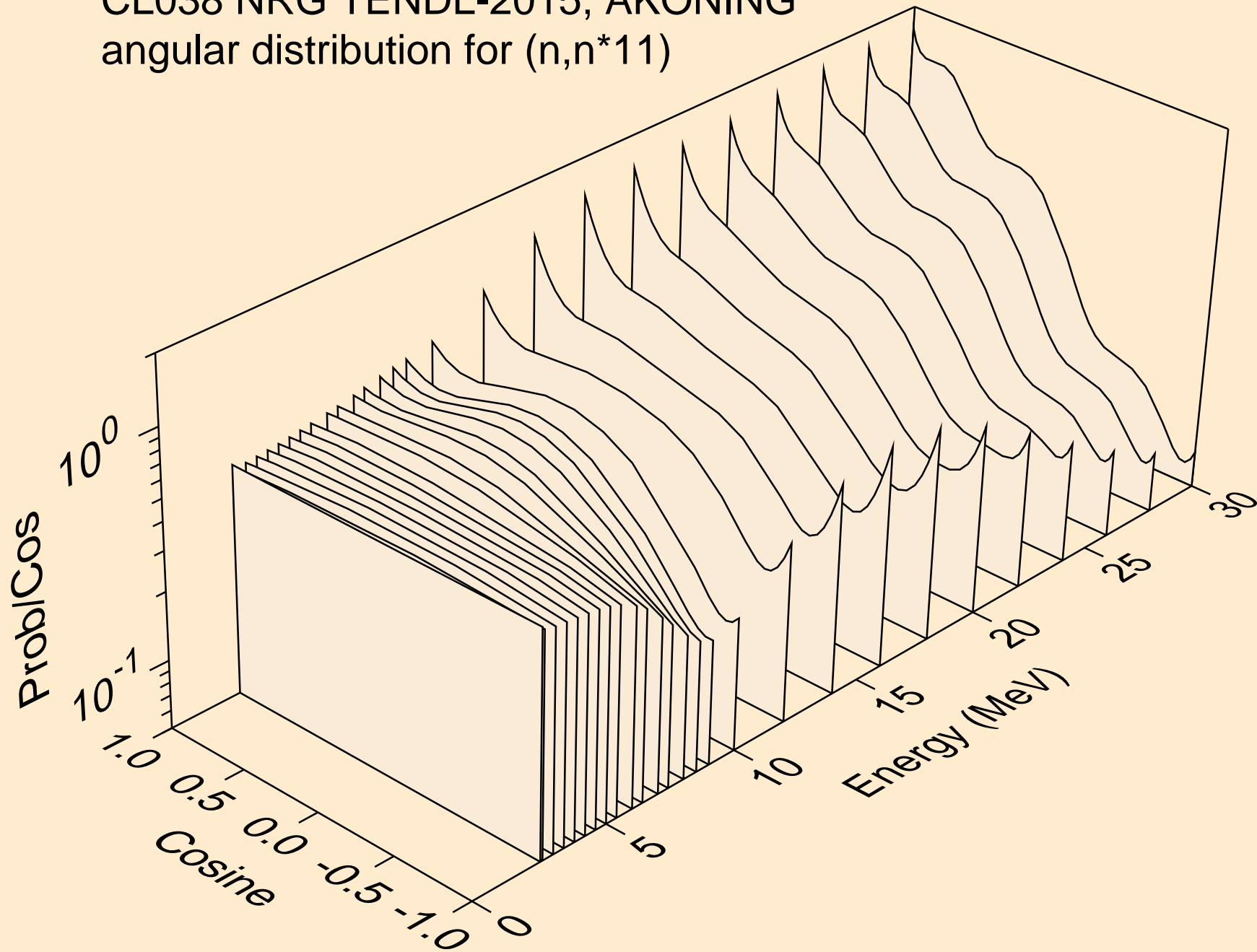
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



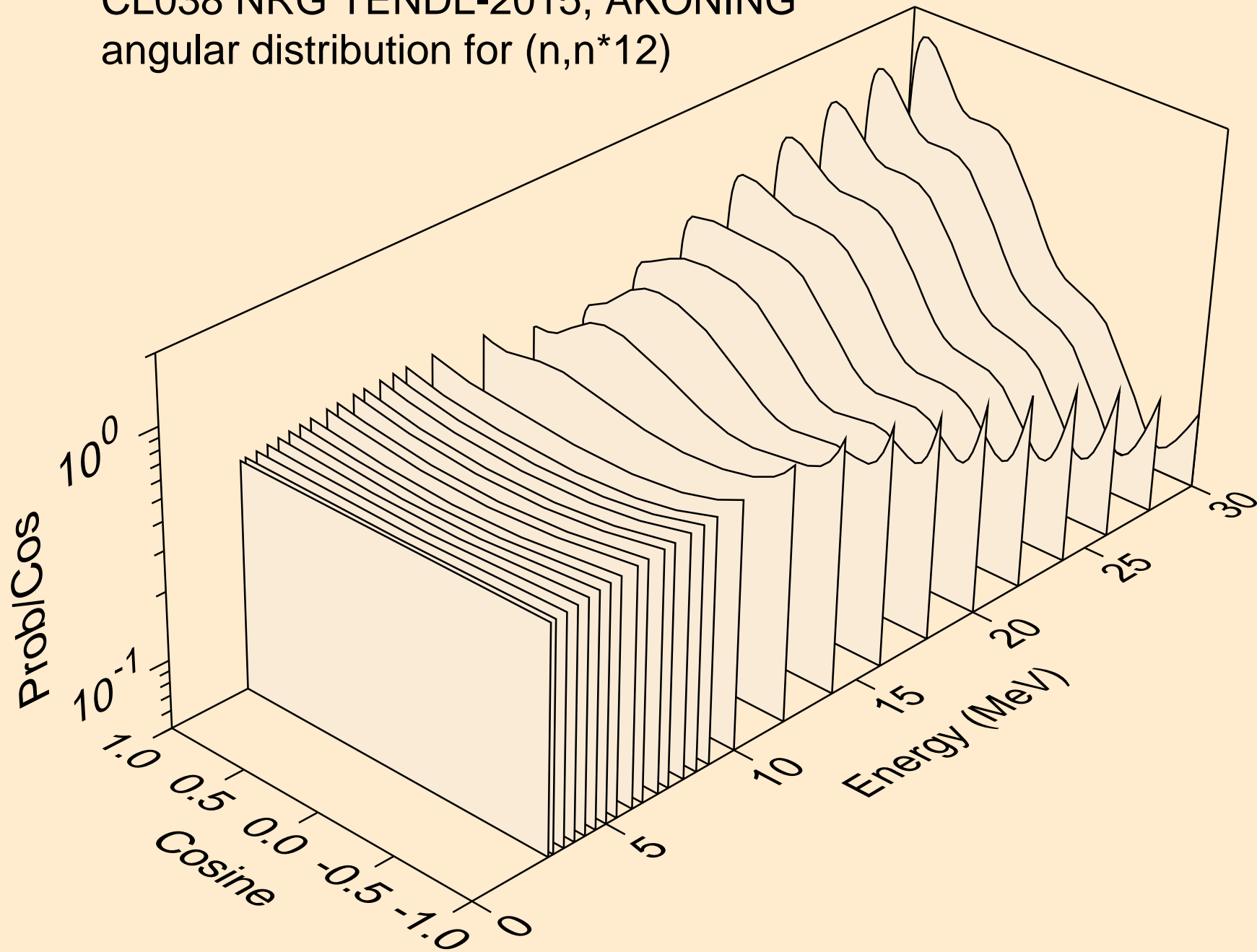
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



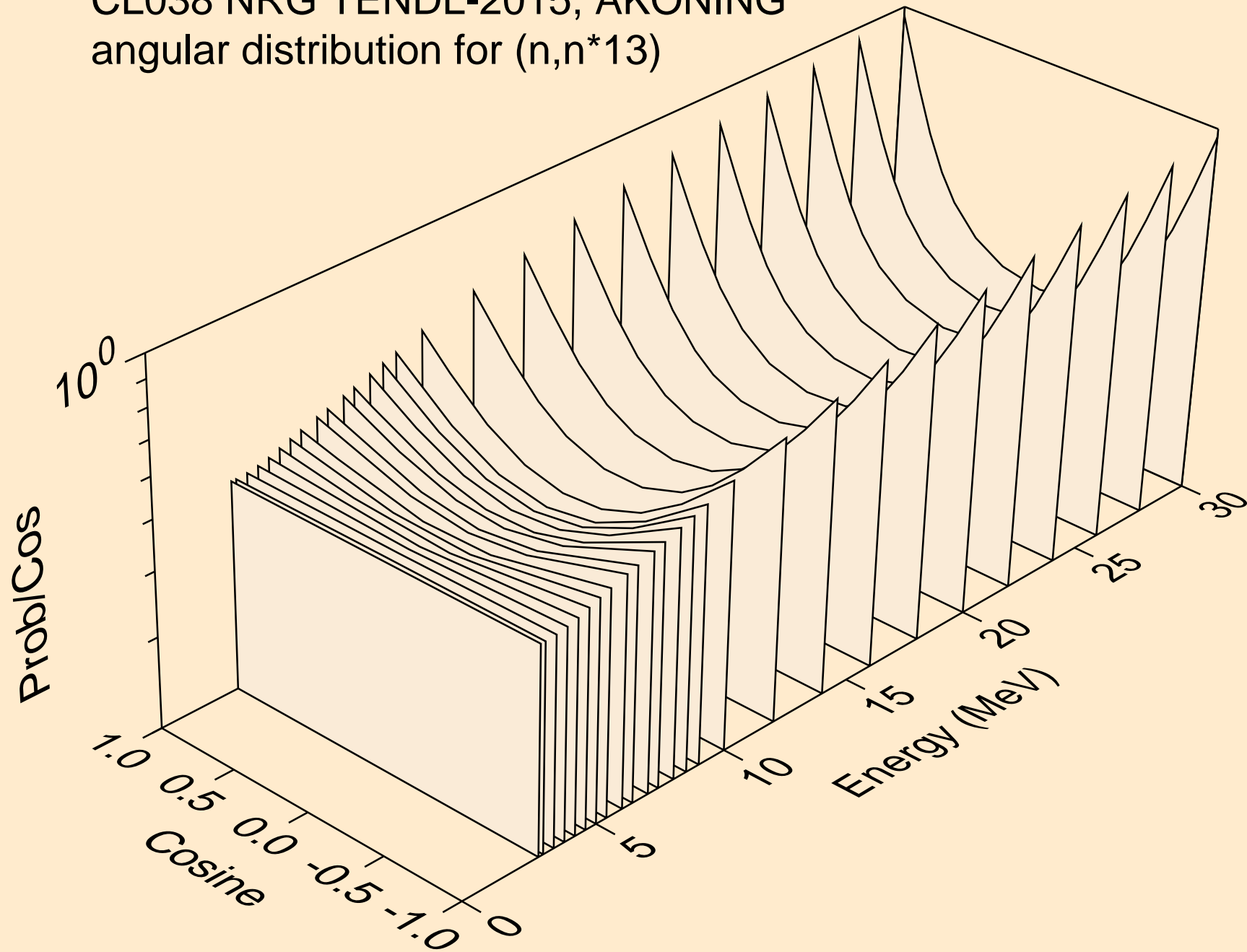
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



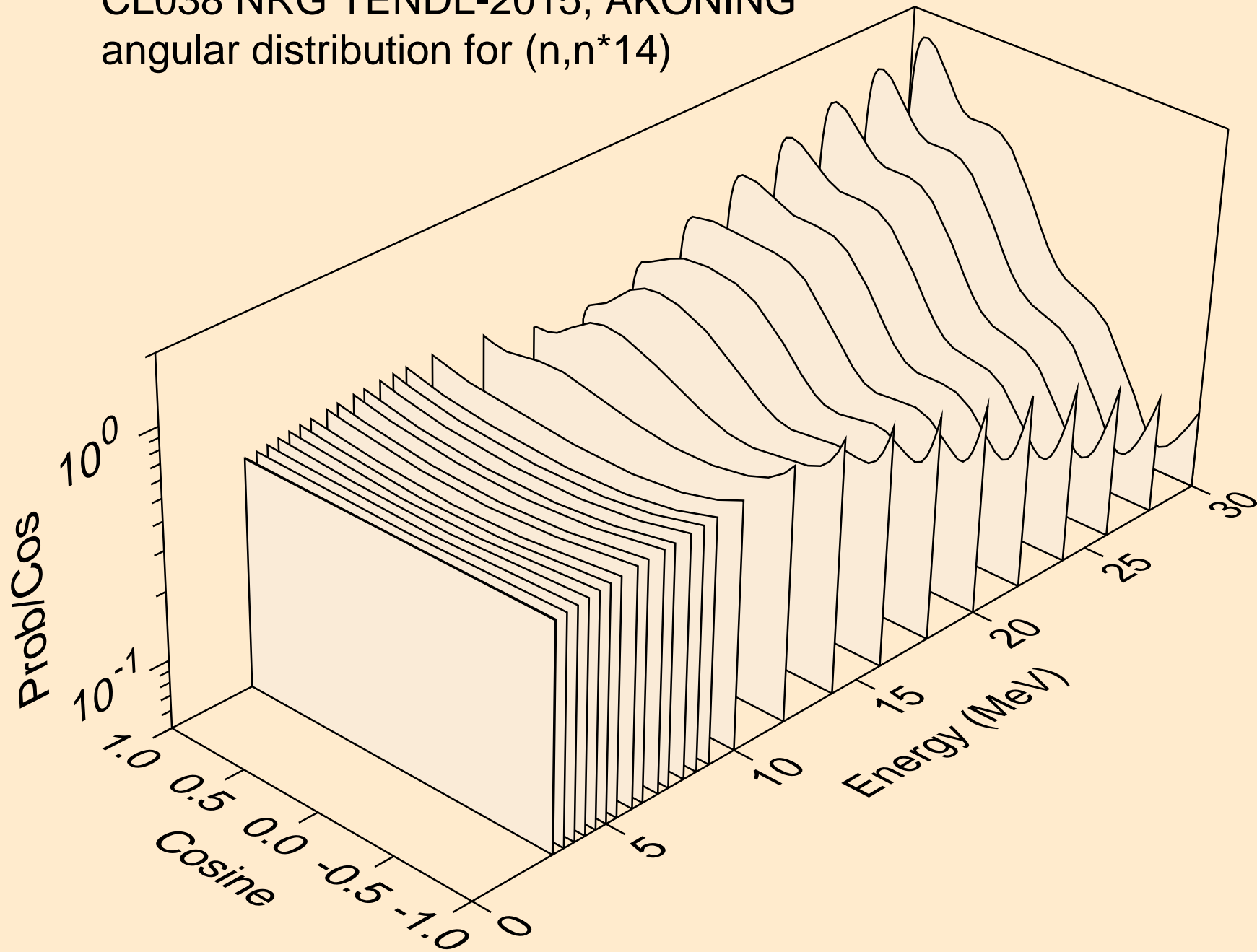
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

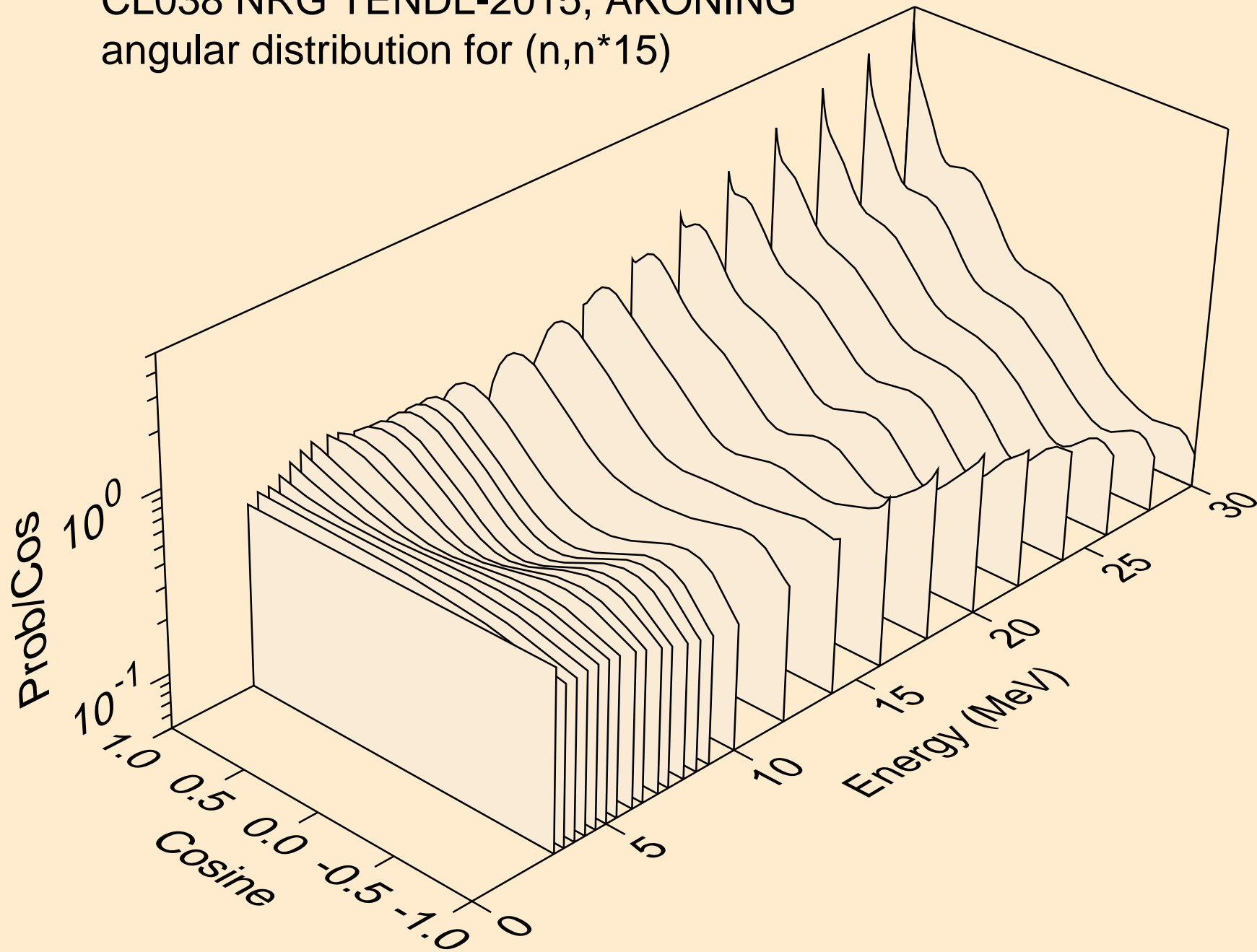


CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

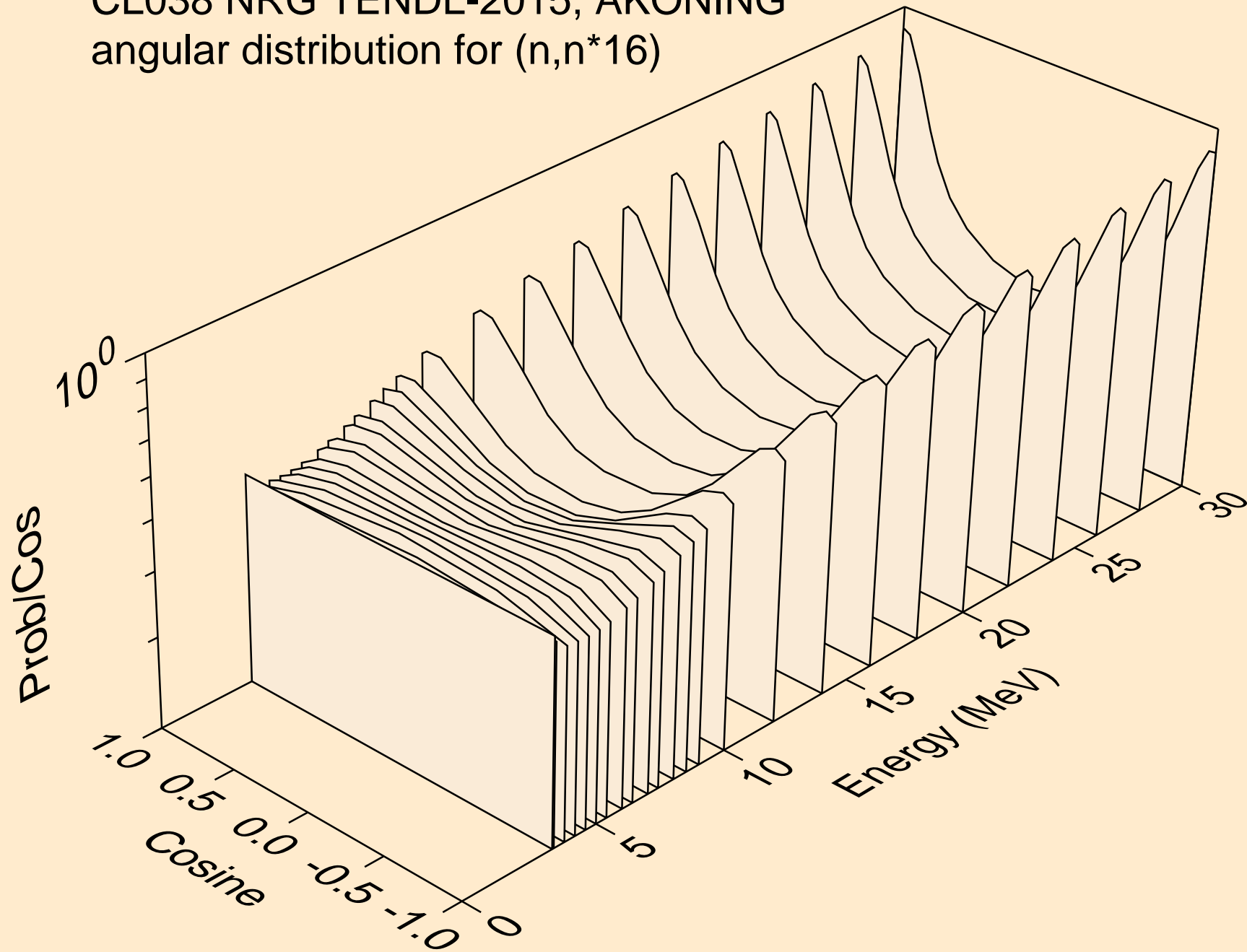




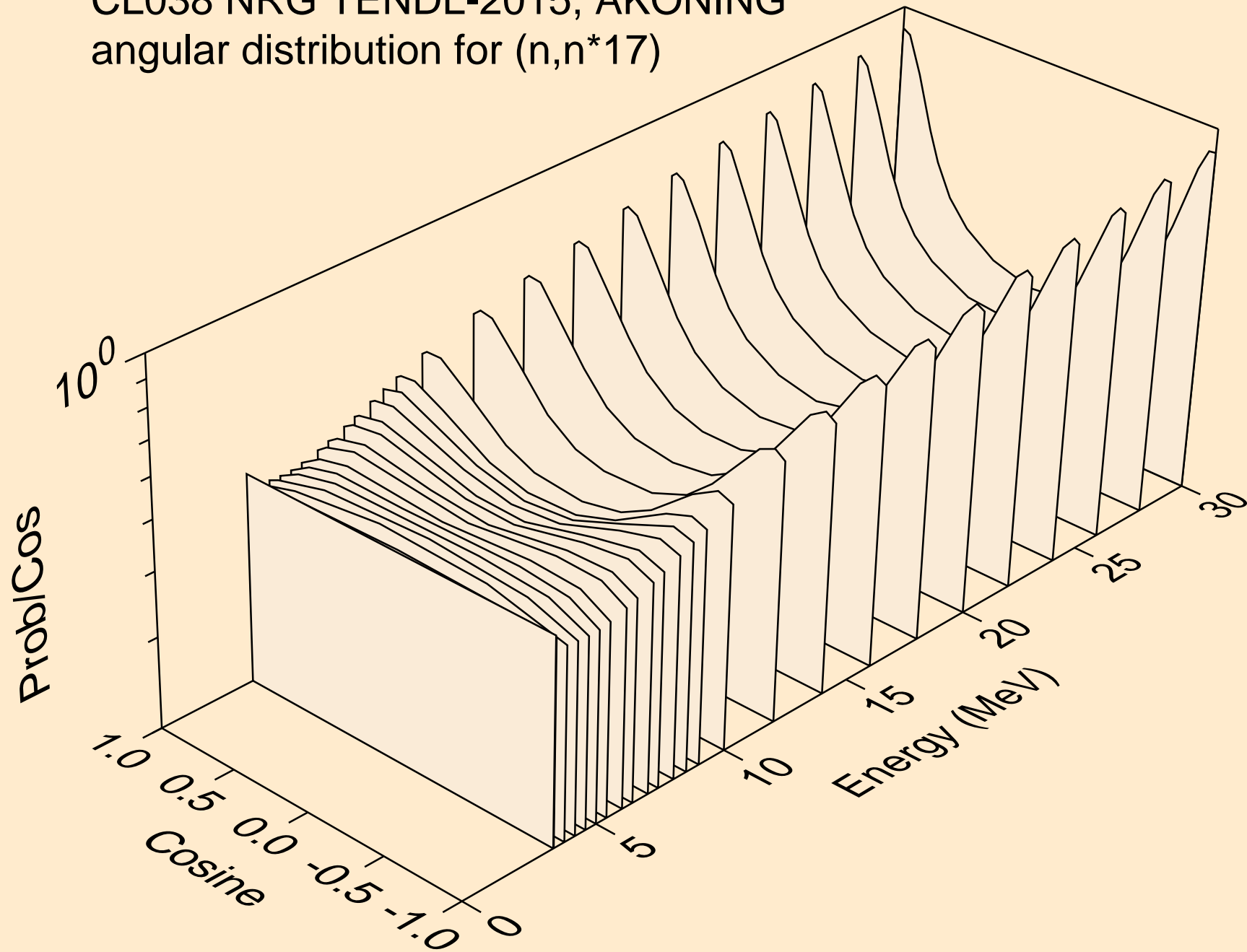
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



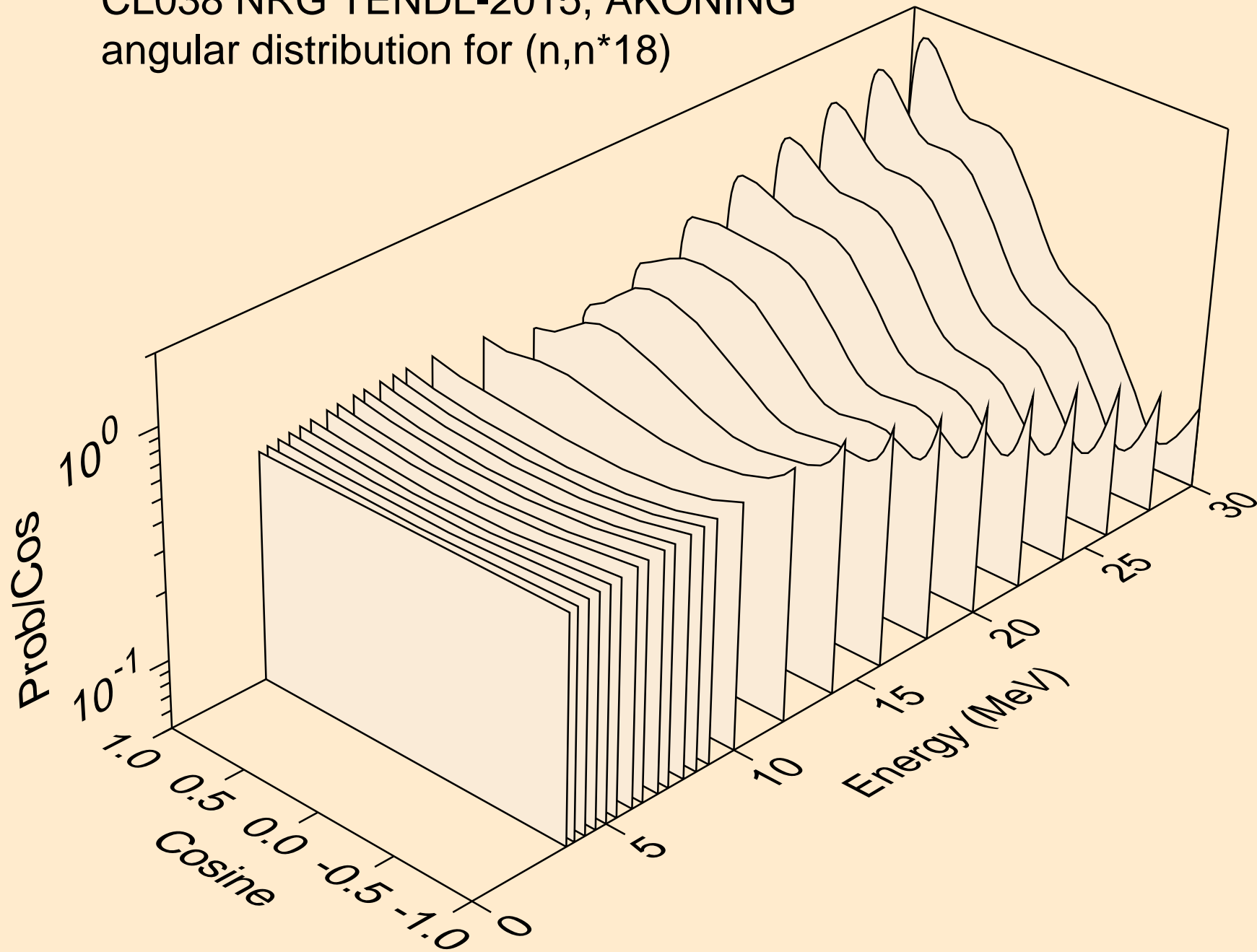
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



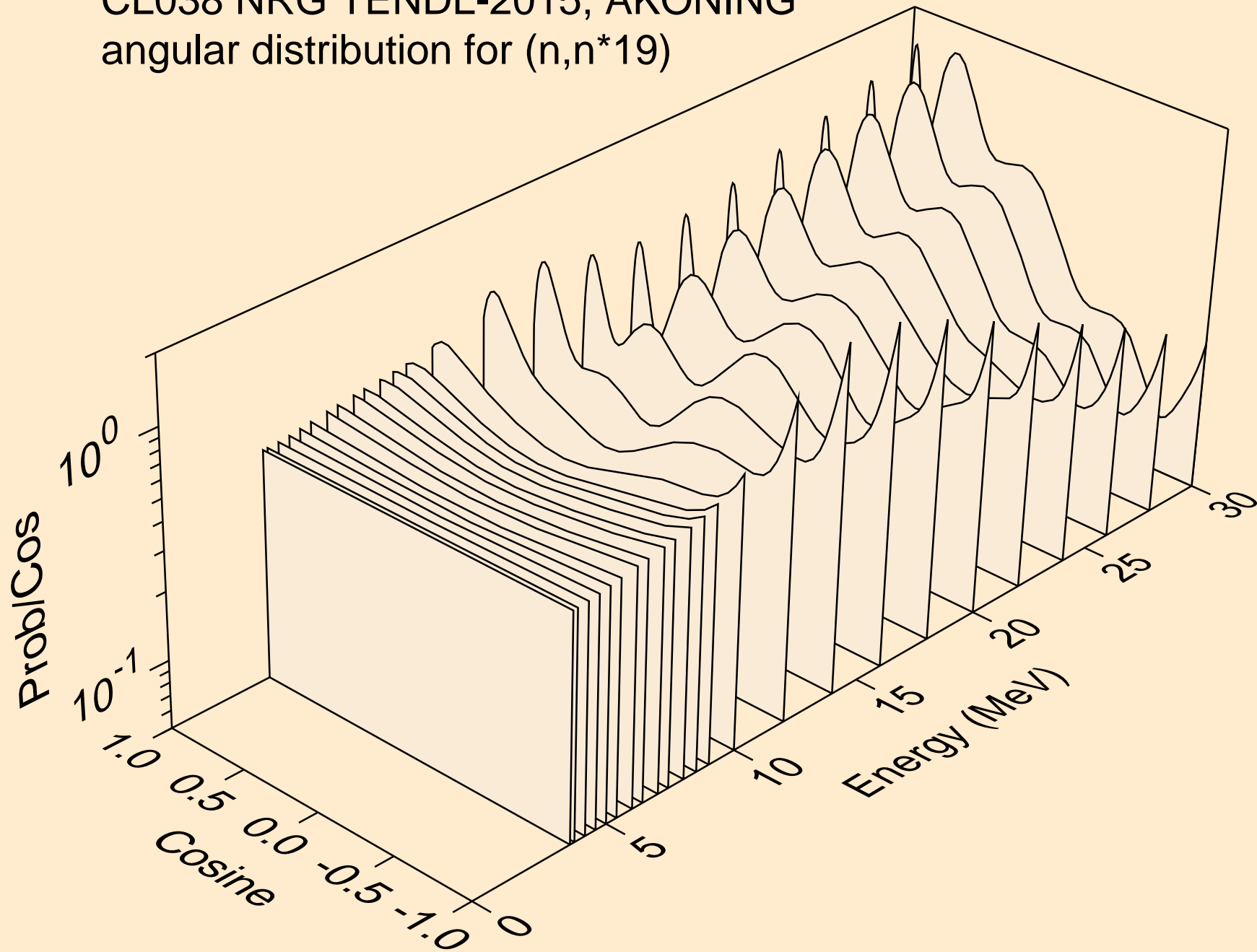
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angular distribution for (n,n\*17)



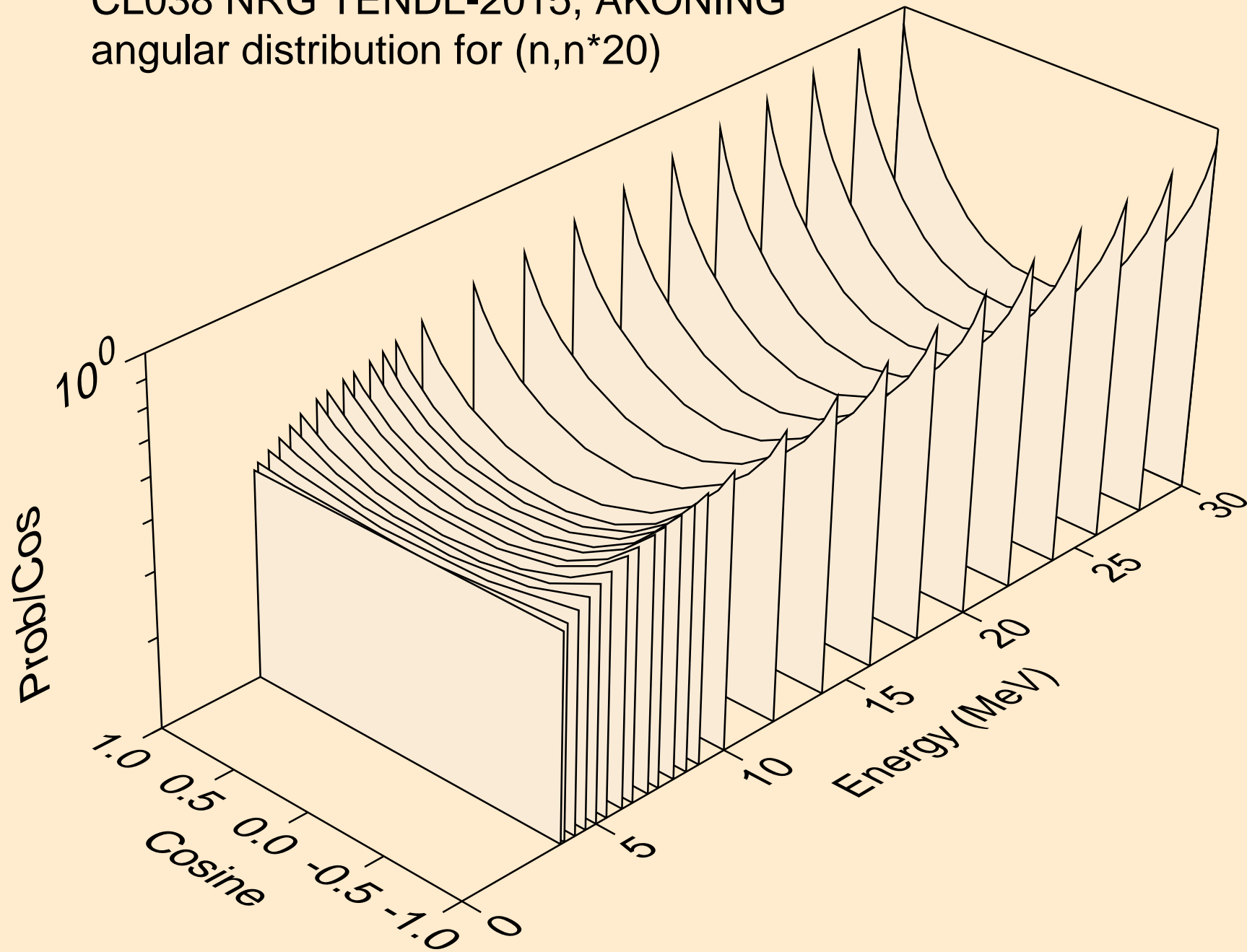
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angular distribution for (n,n\*18)



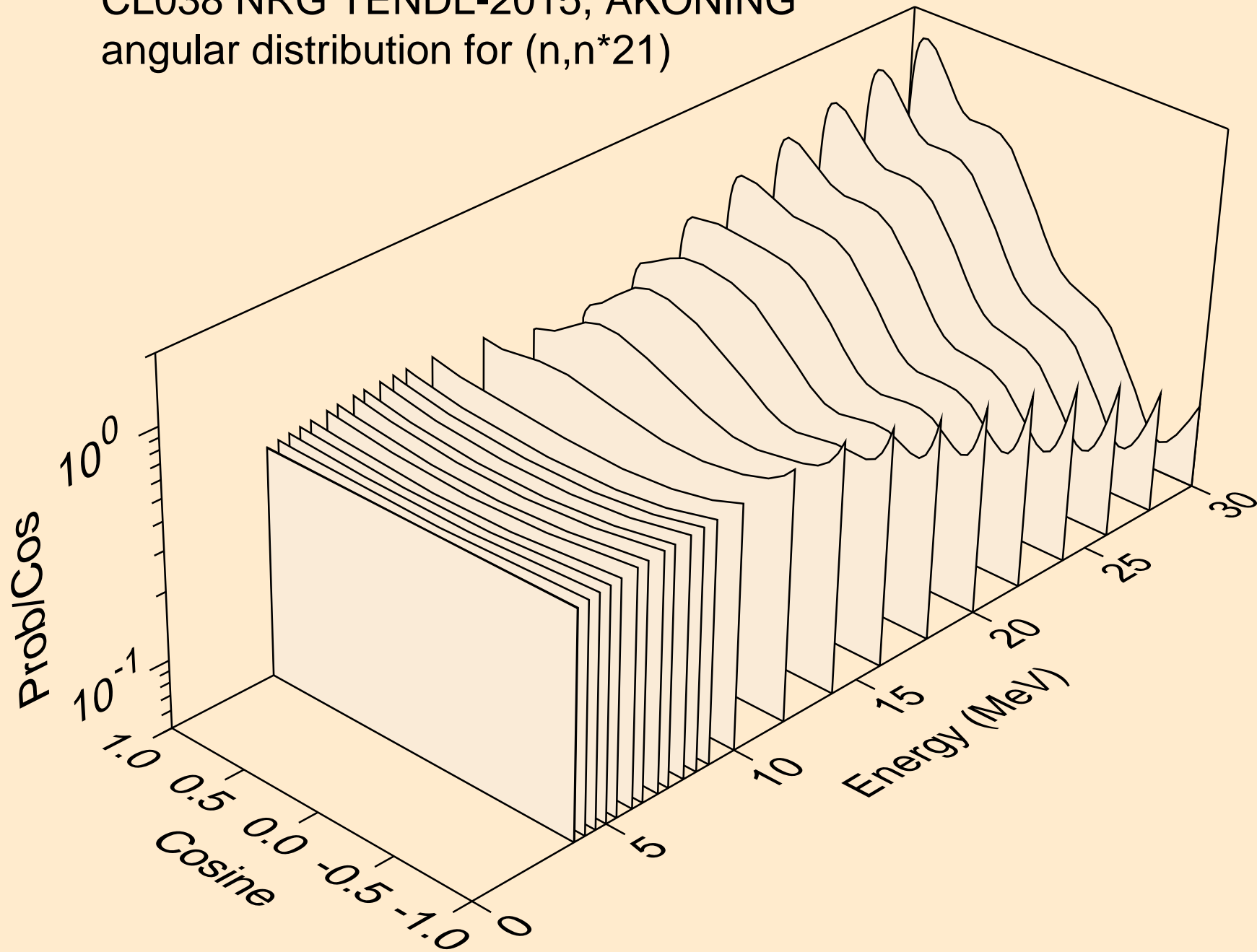
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



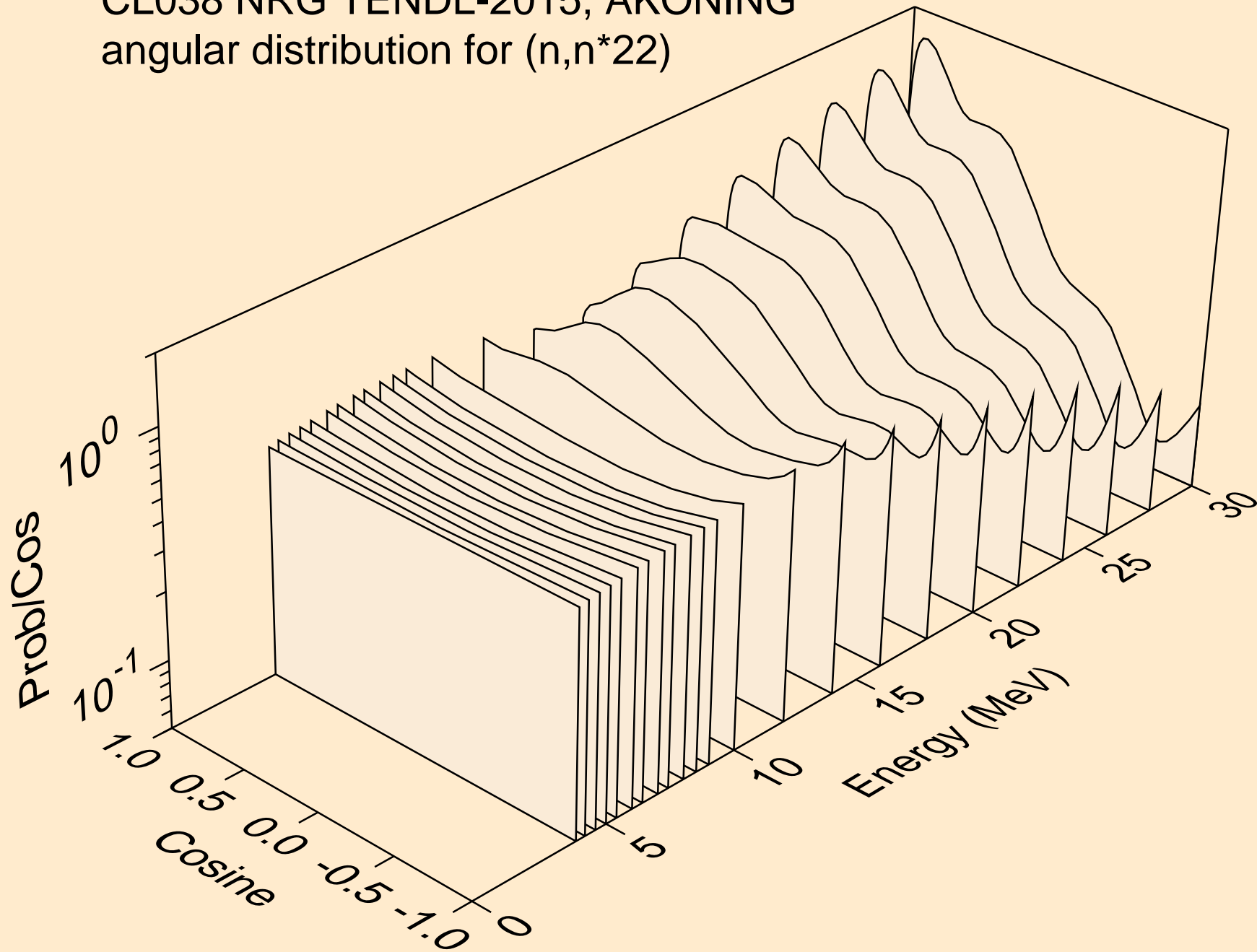
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

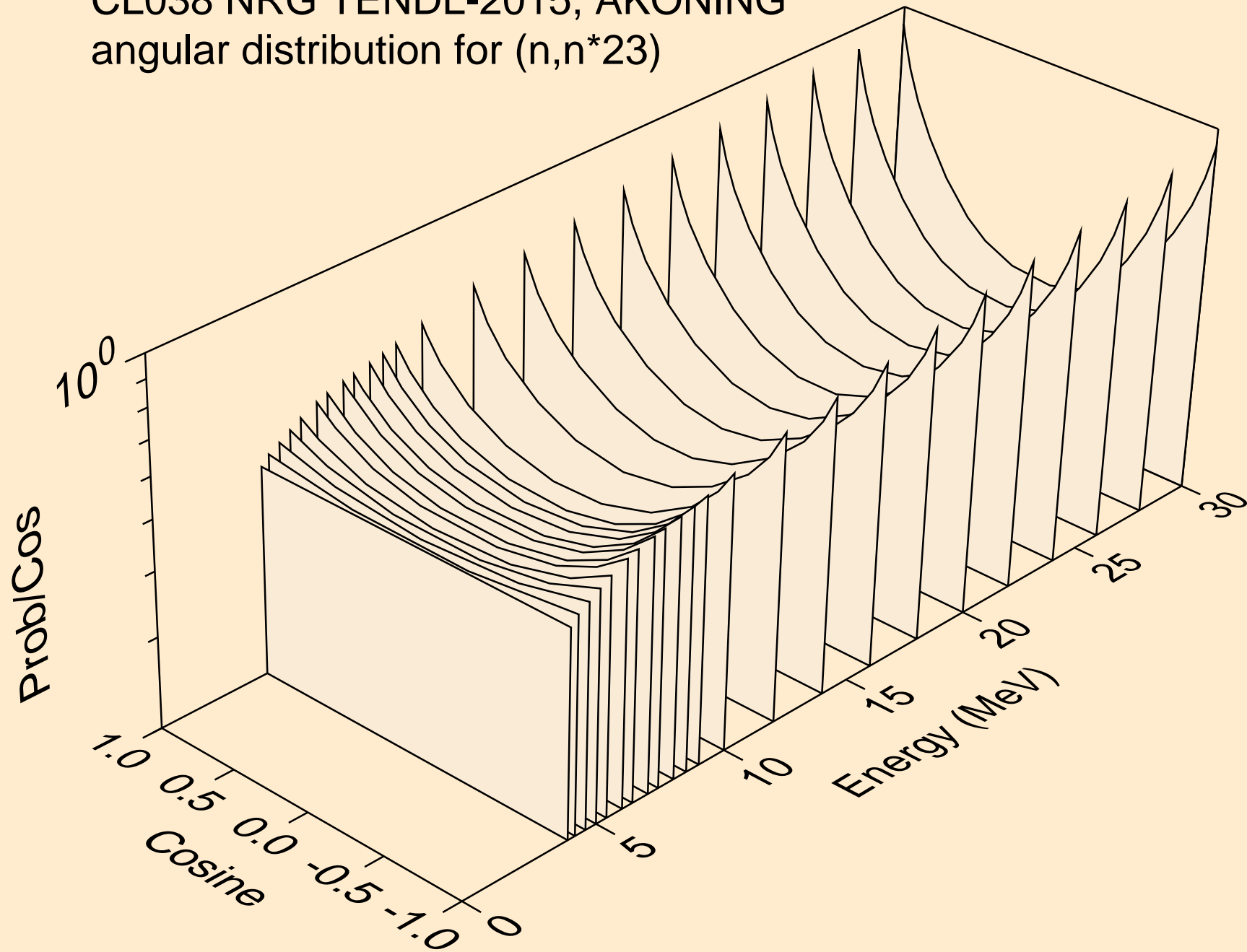


CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

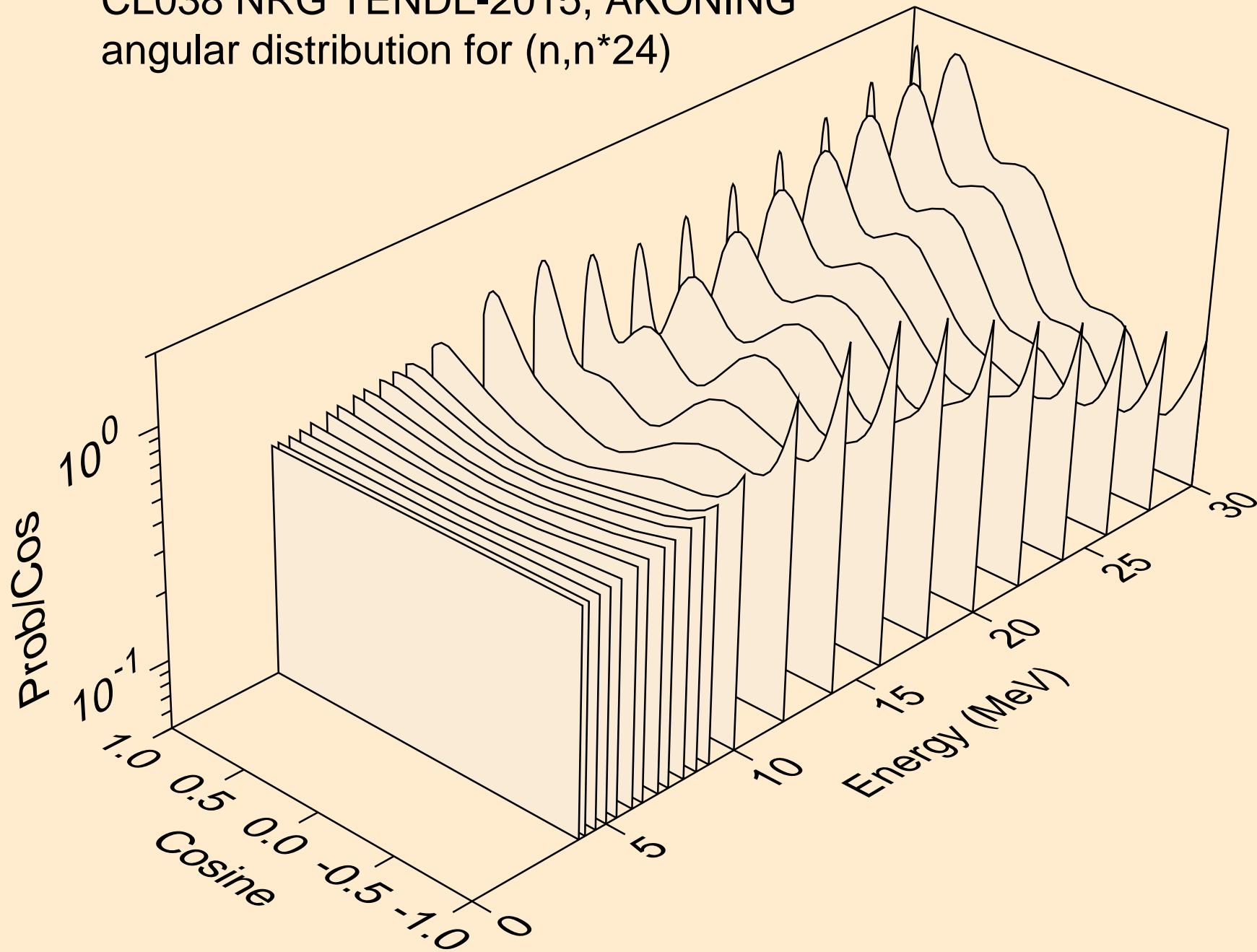




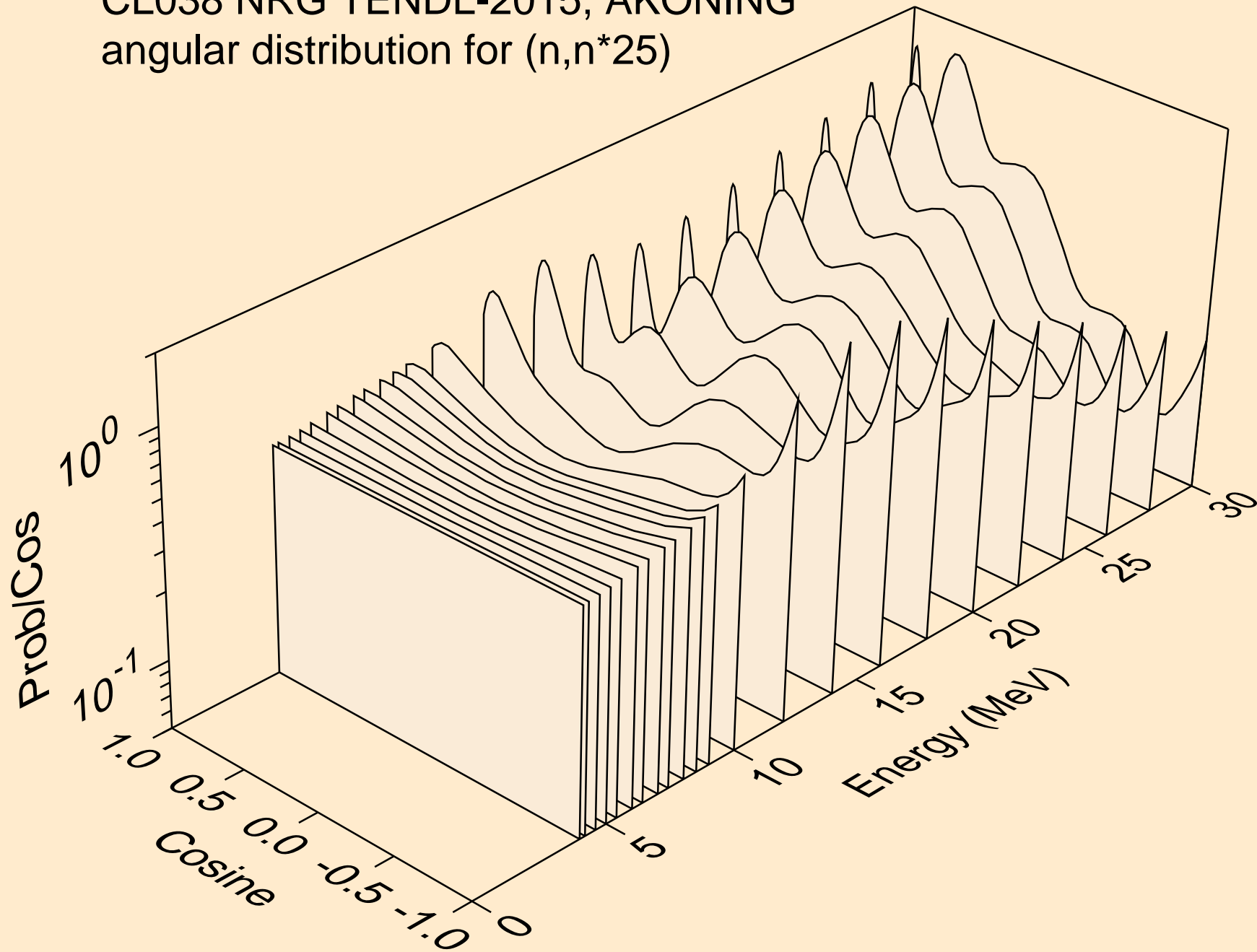
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angular distribution for (n,n\*23)



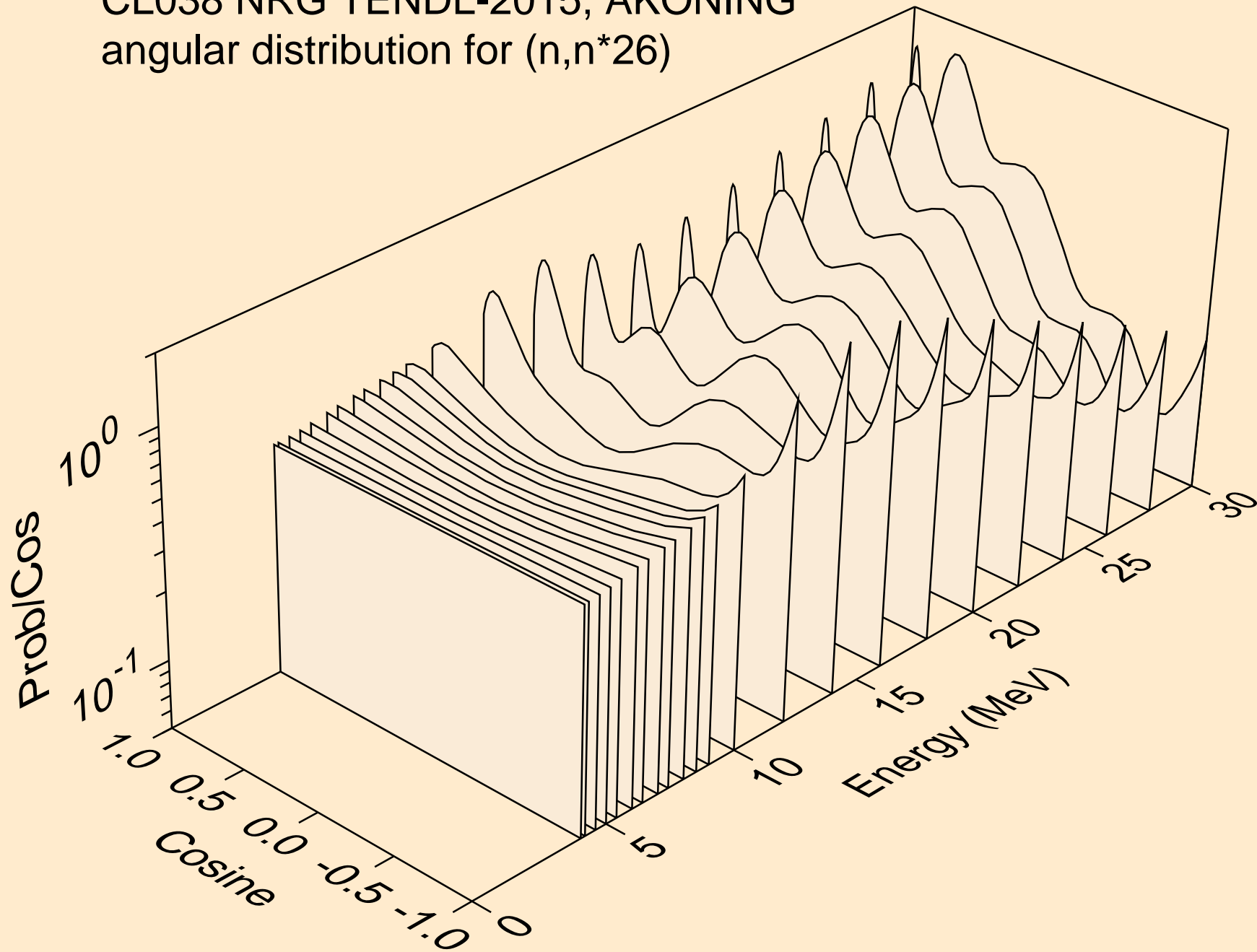
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



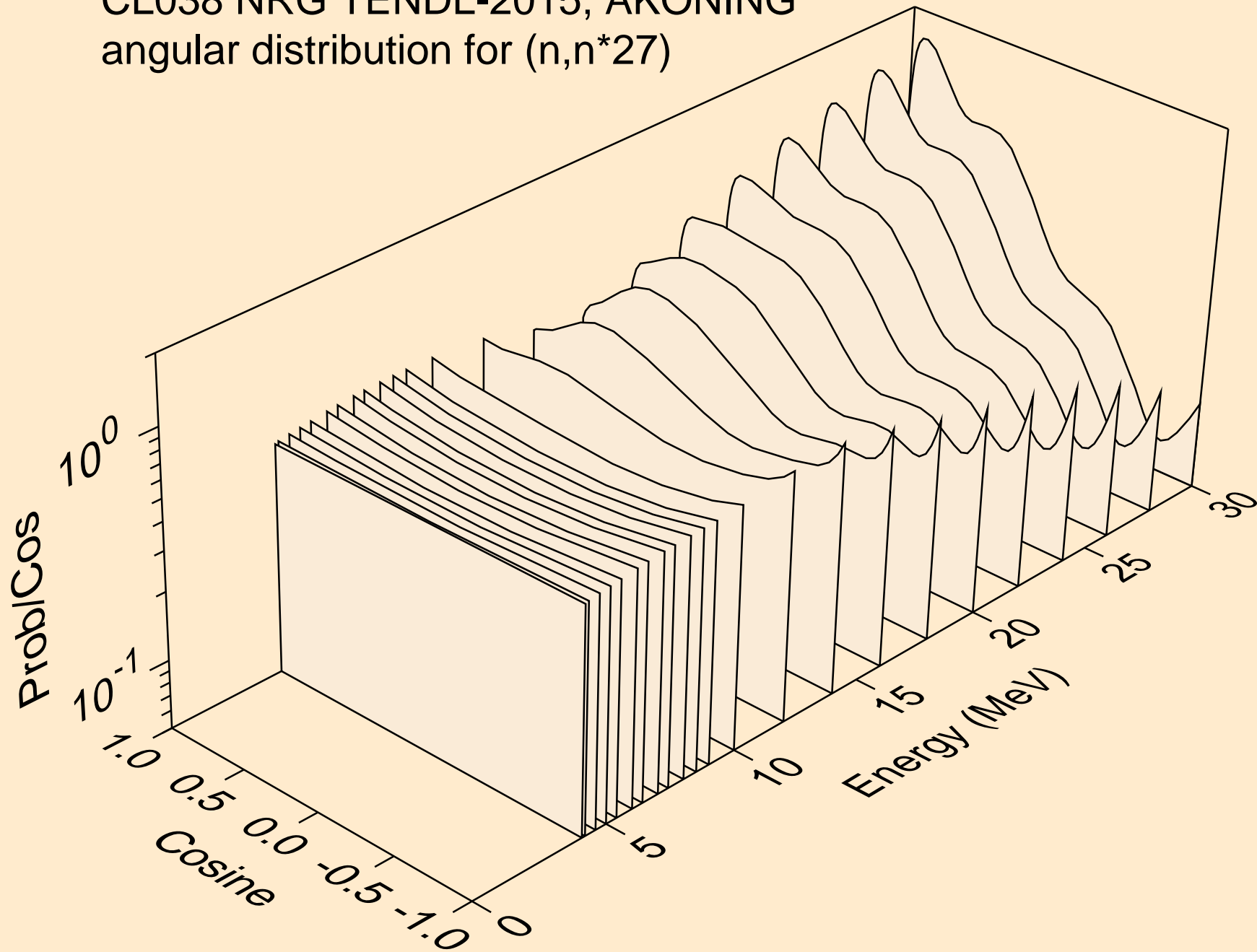
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



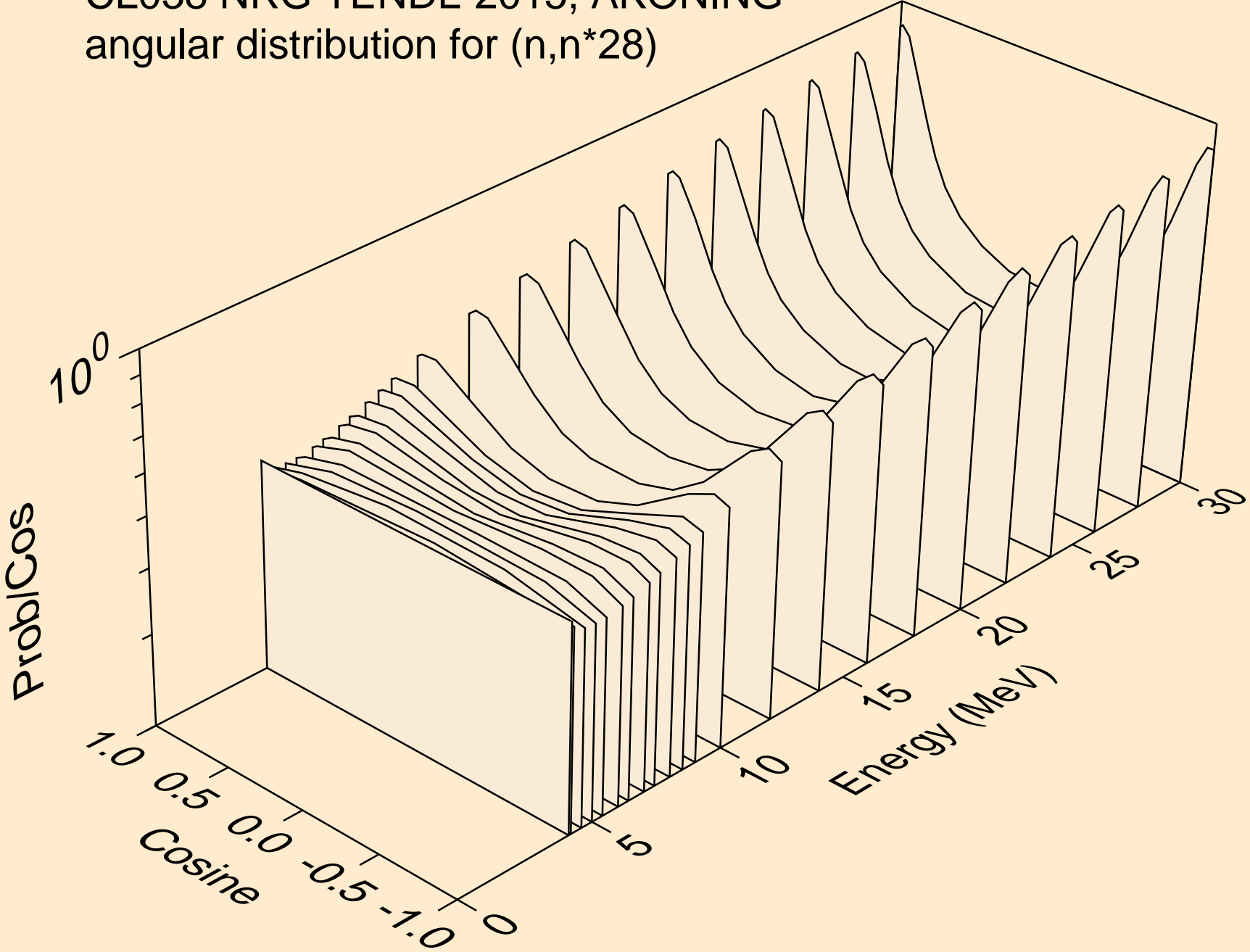
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



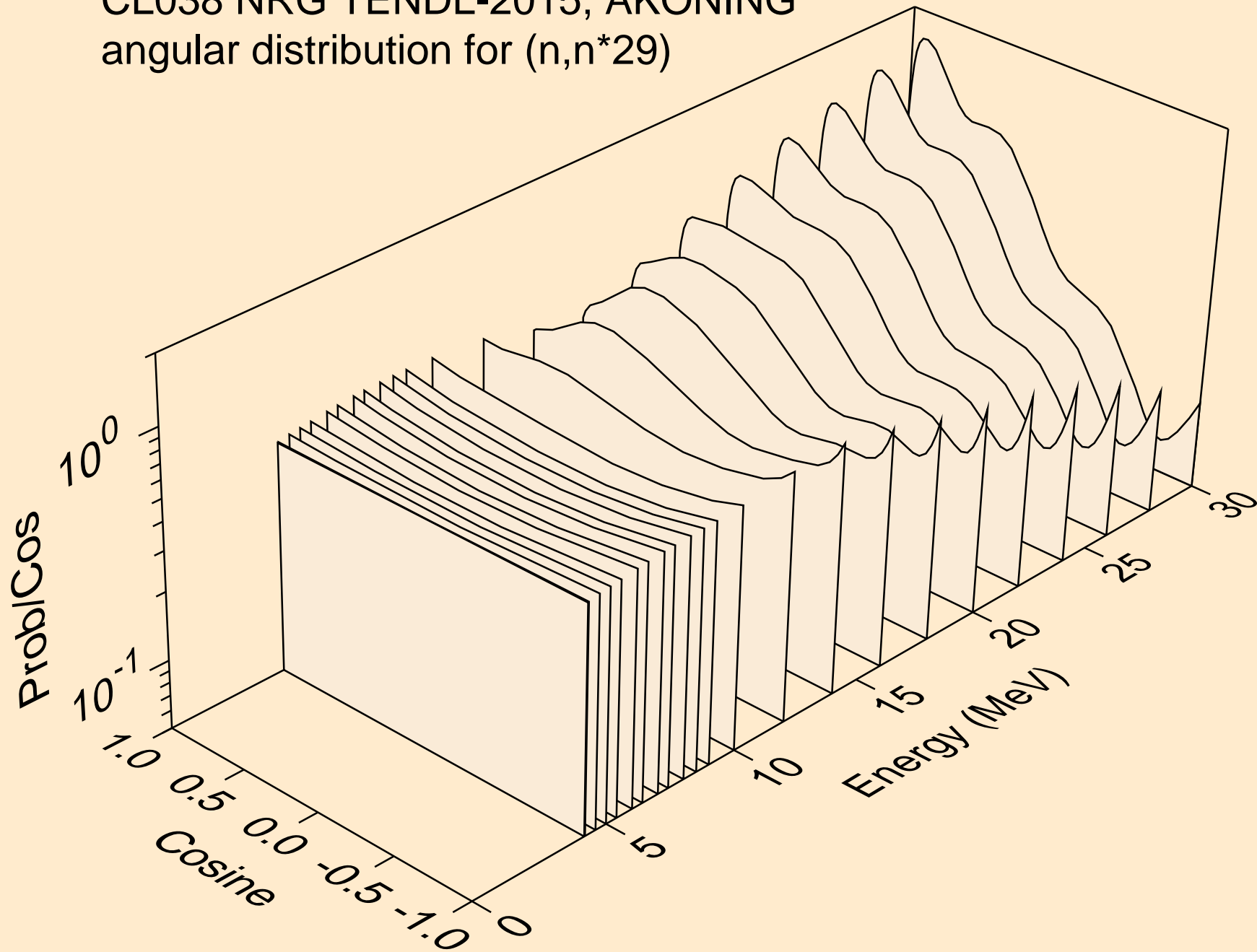
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angular distribution for (n,n\*27)



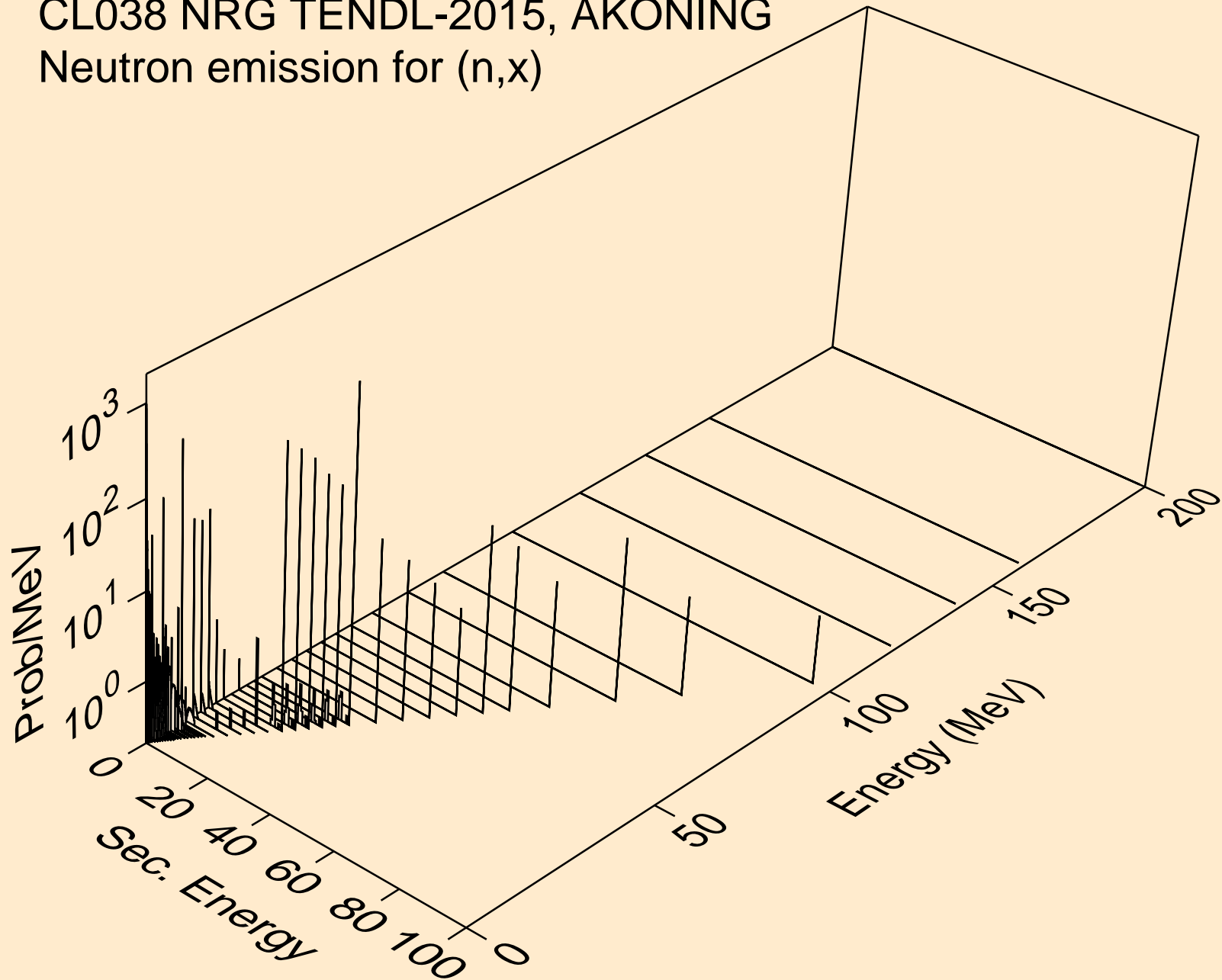
CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



CL038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

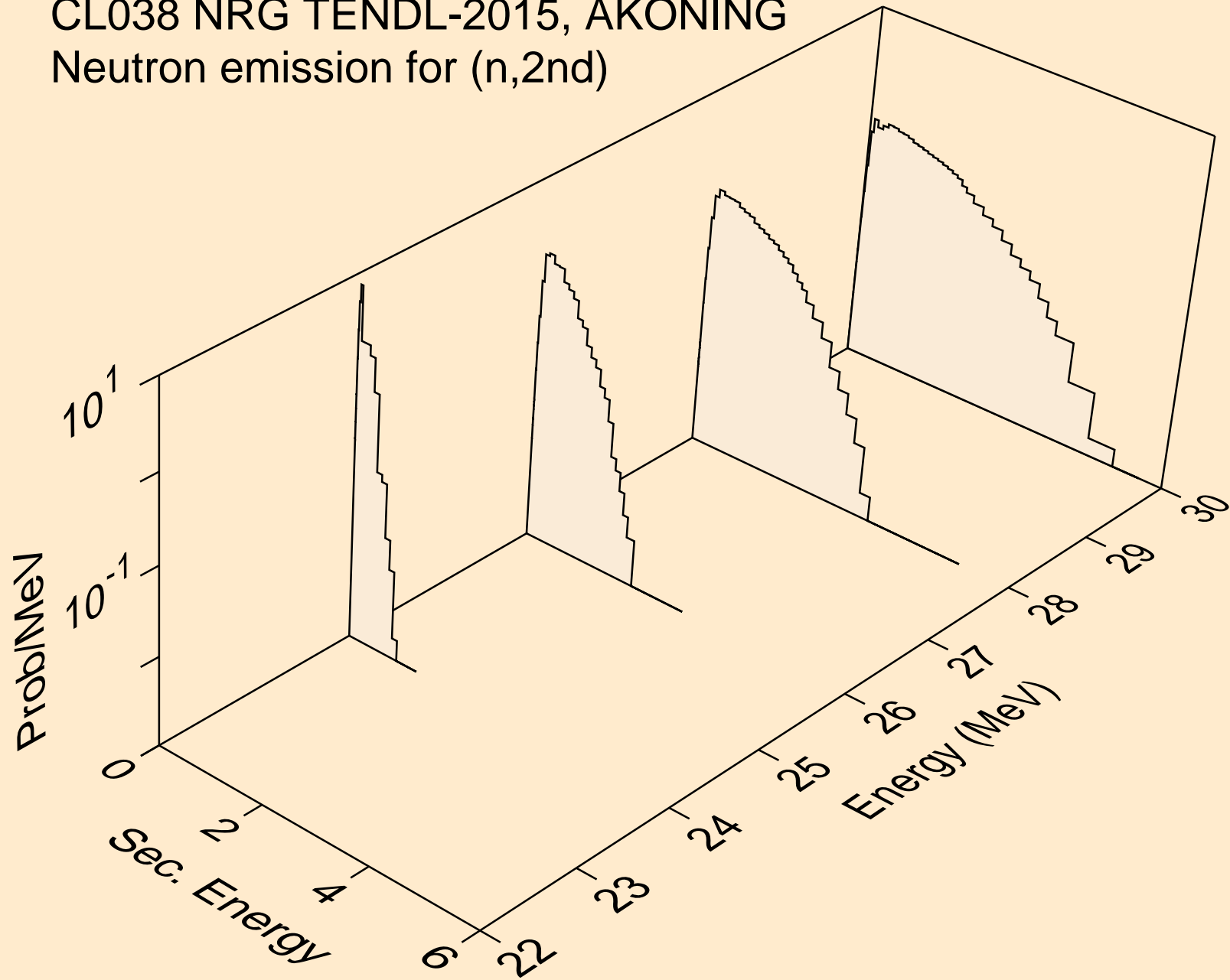


CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

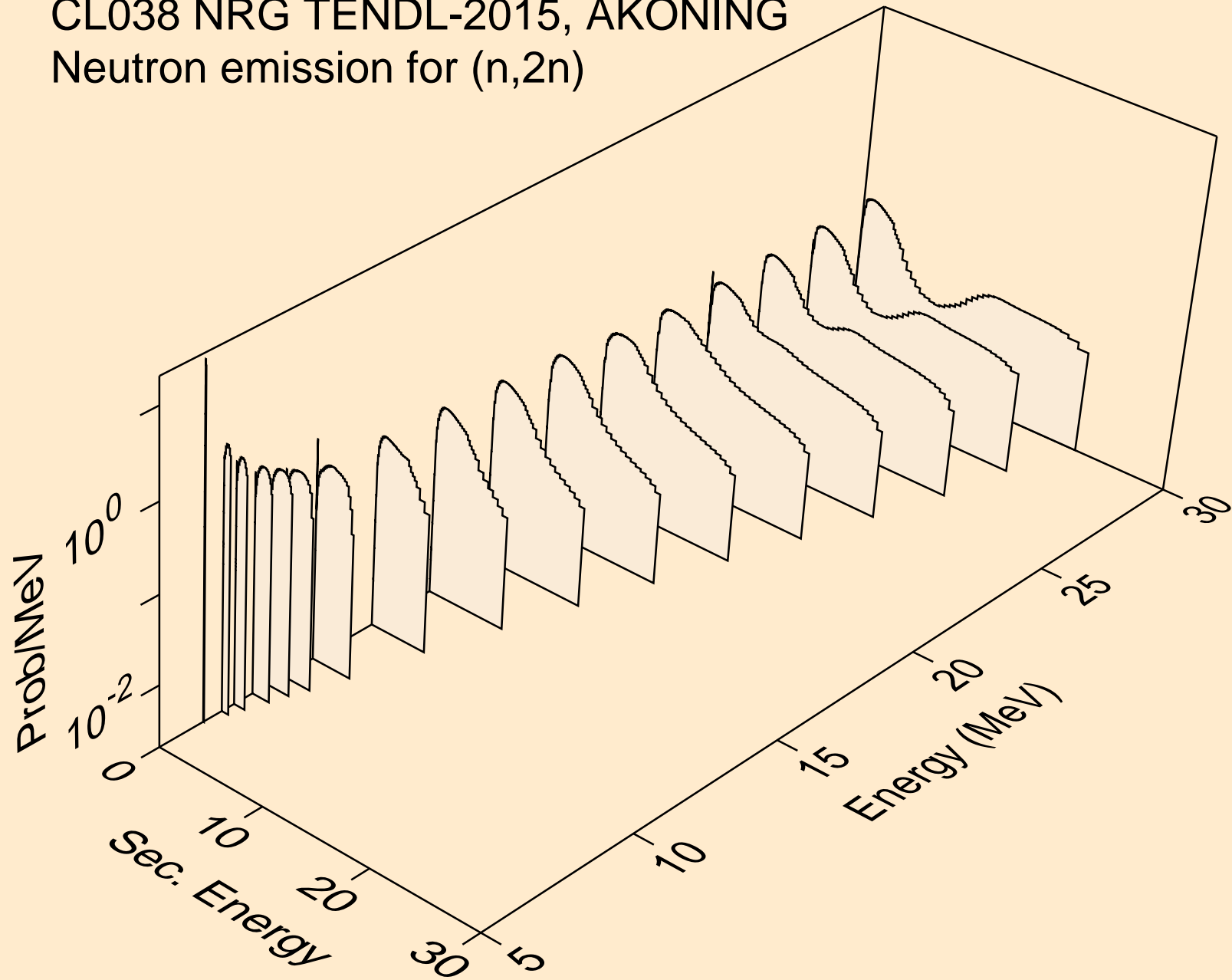




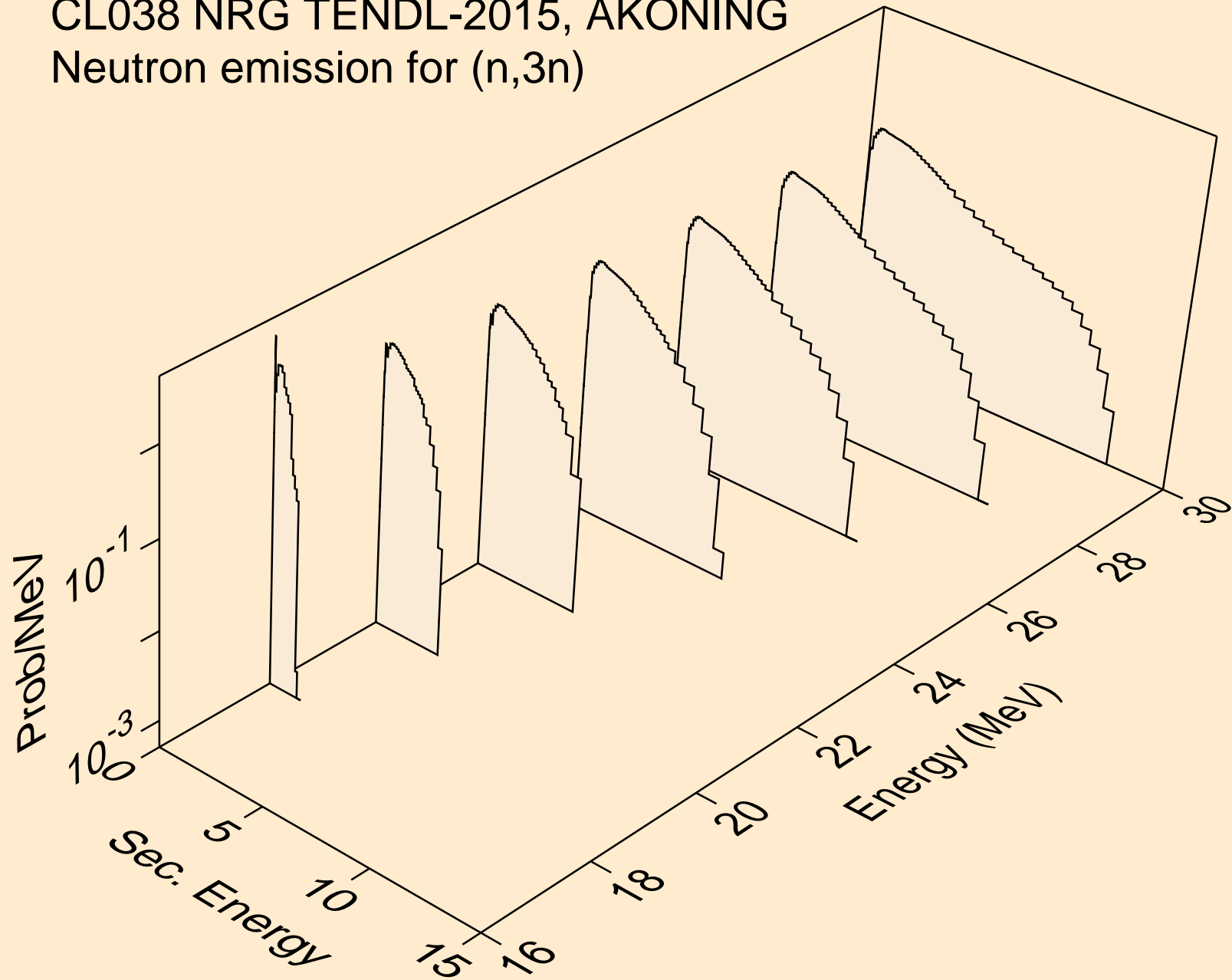
CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



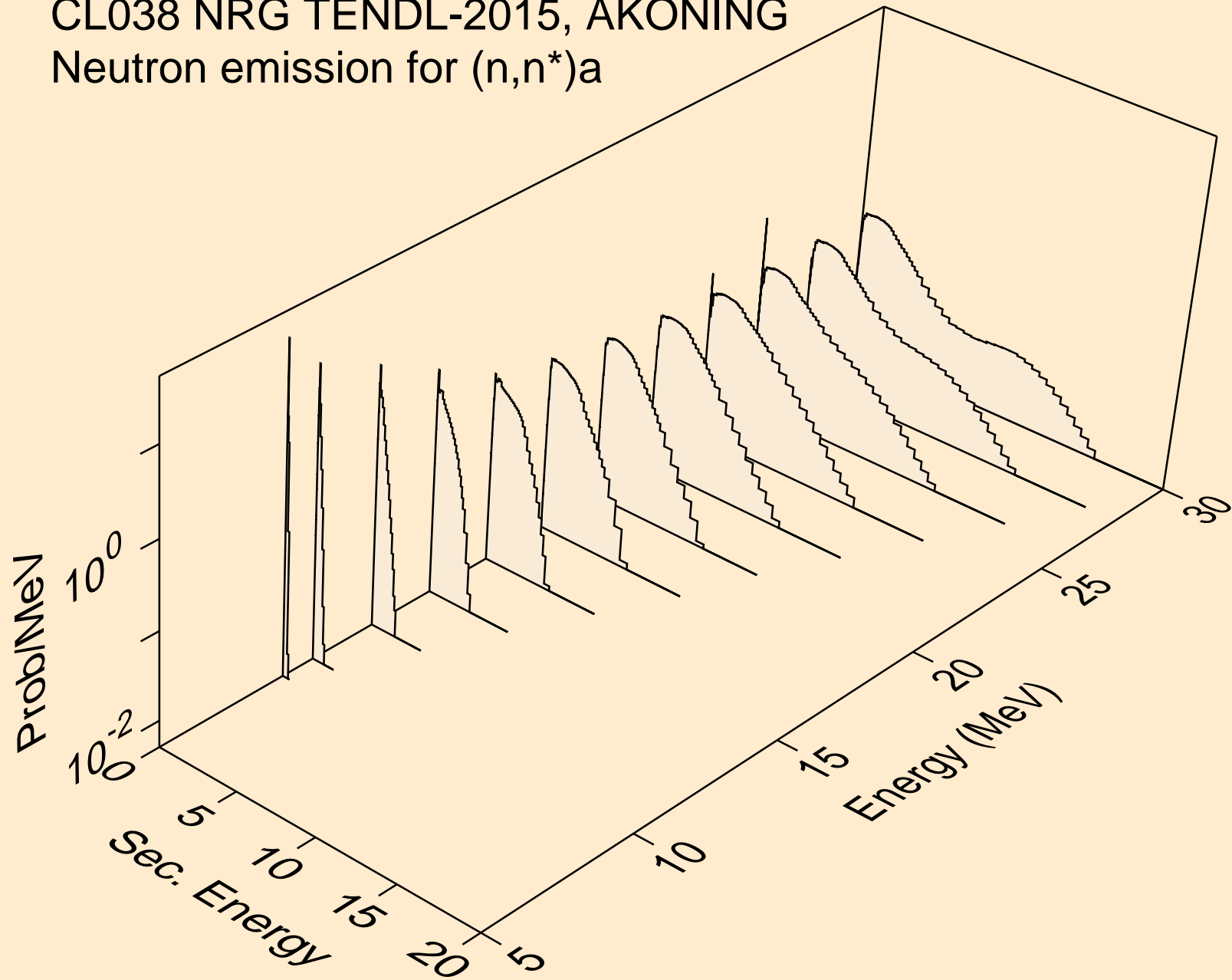
CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



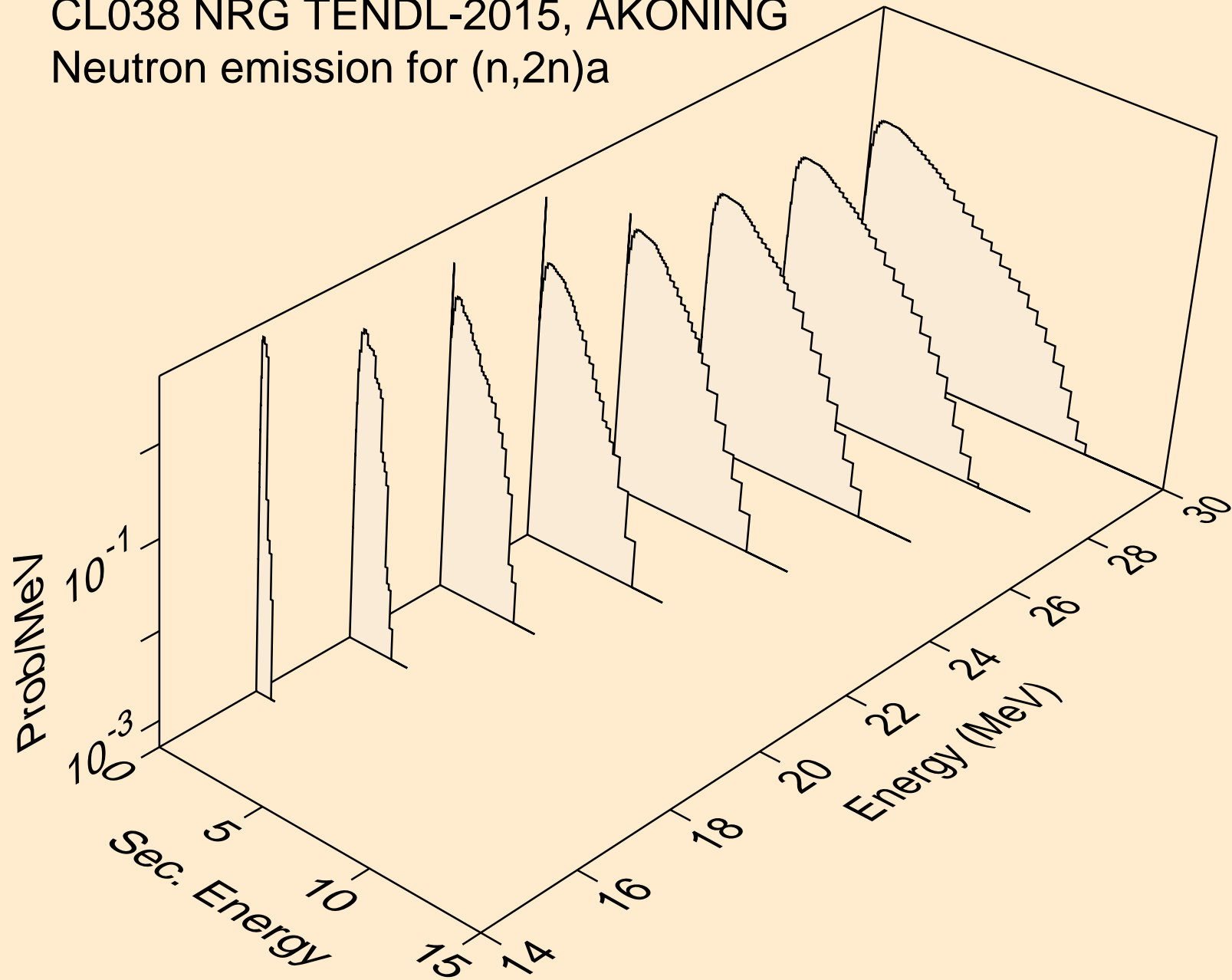
CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



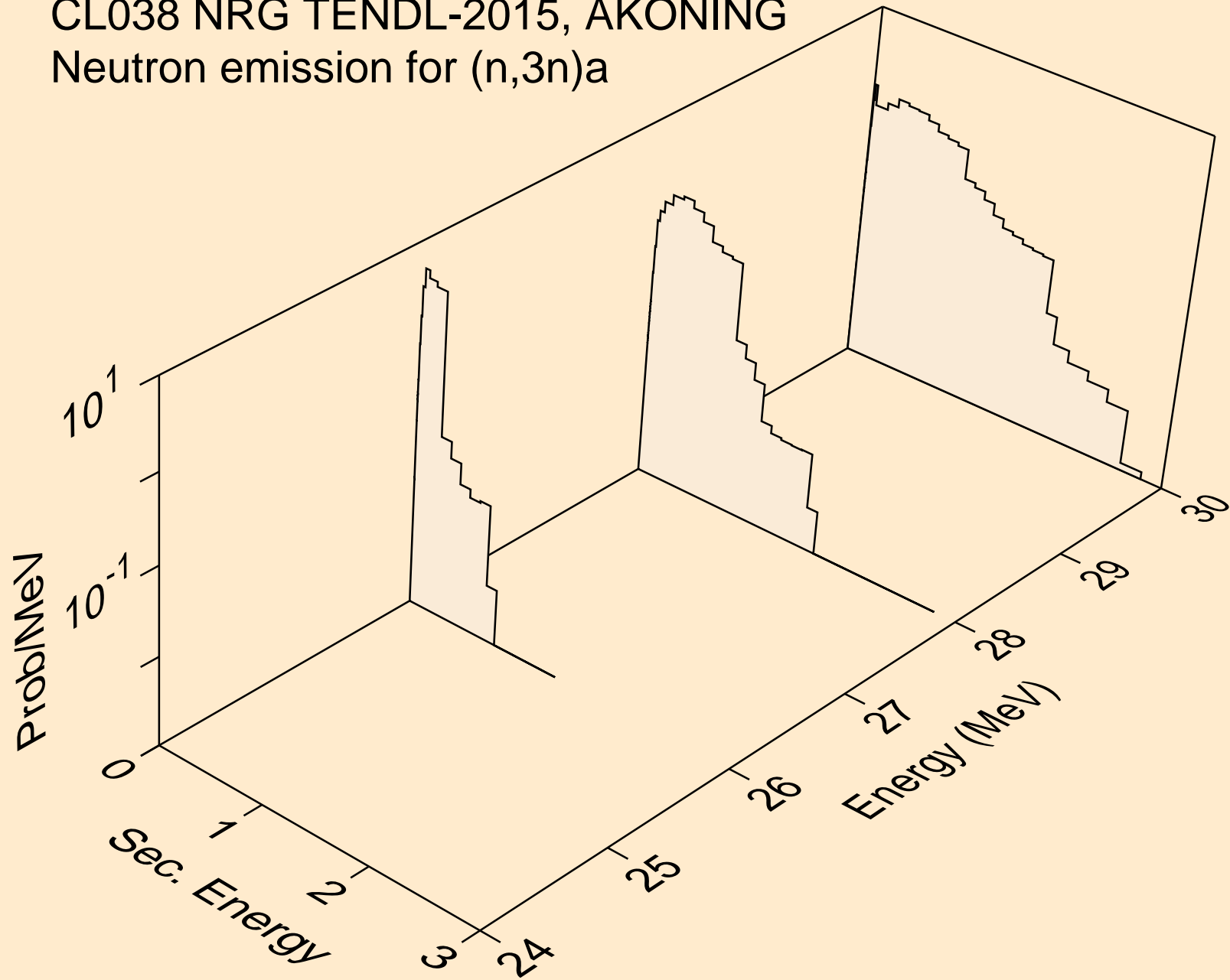
CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



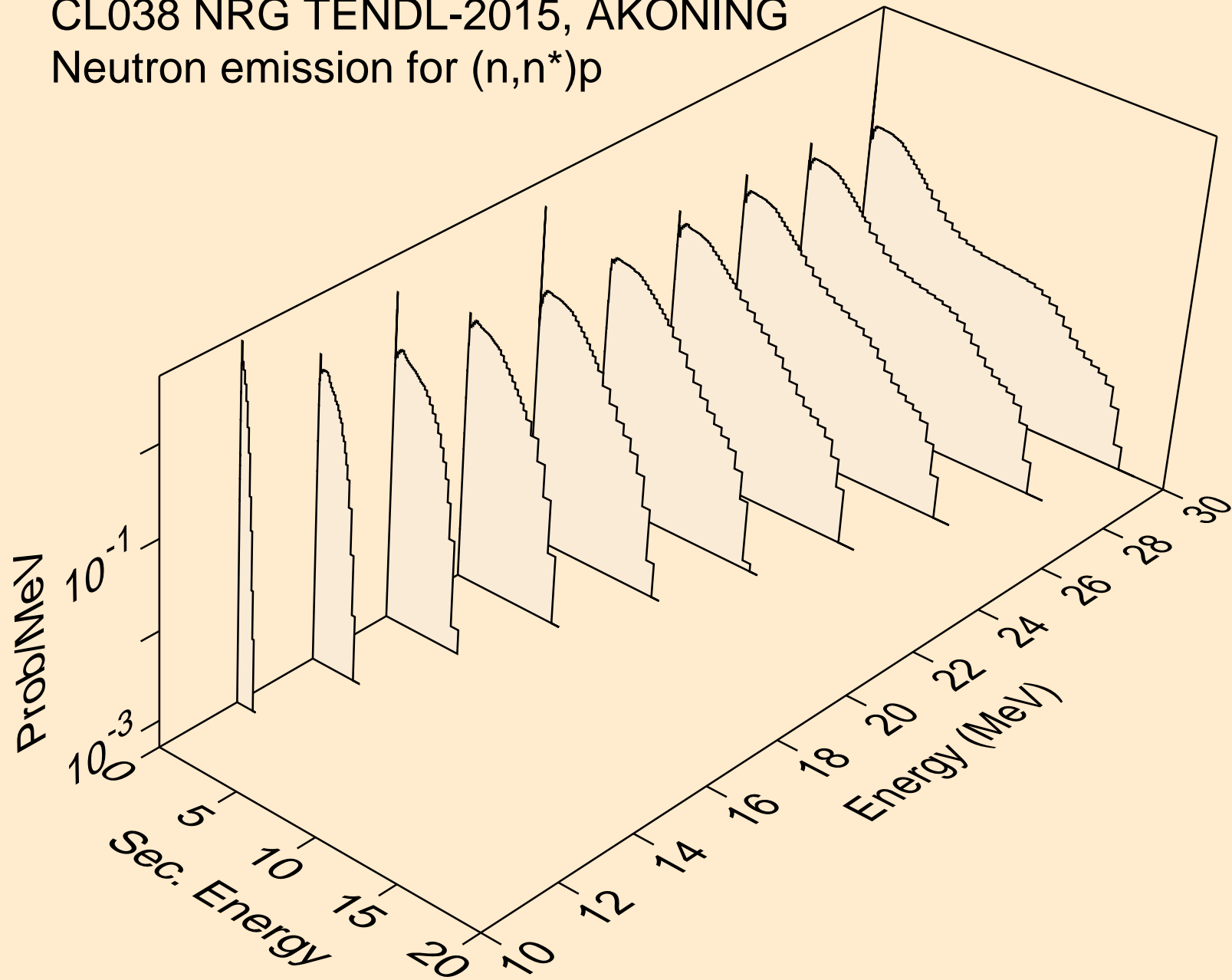
CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



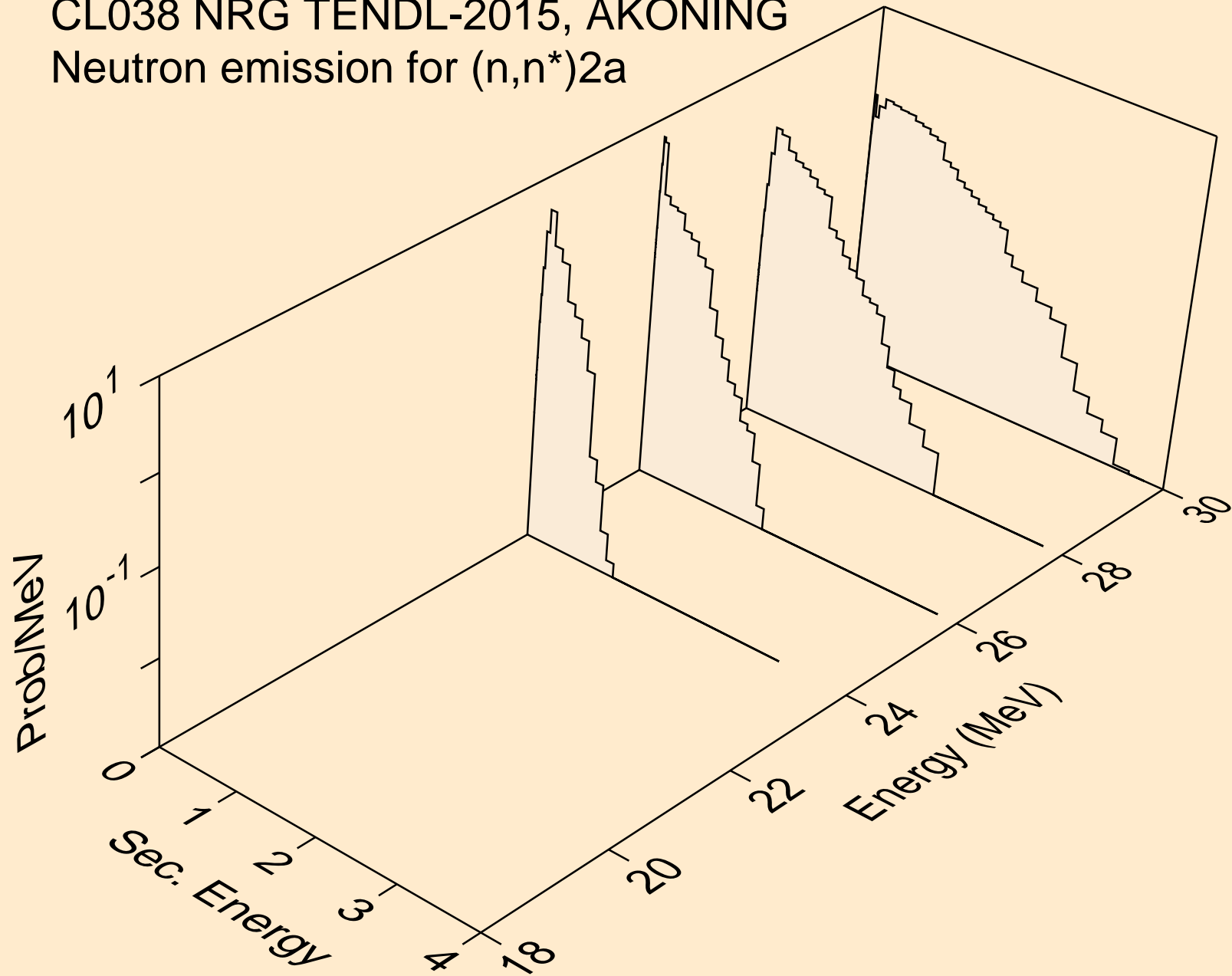
CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

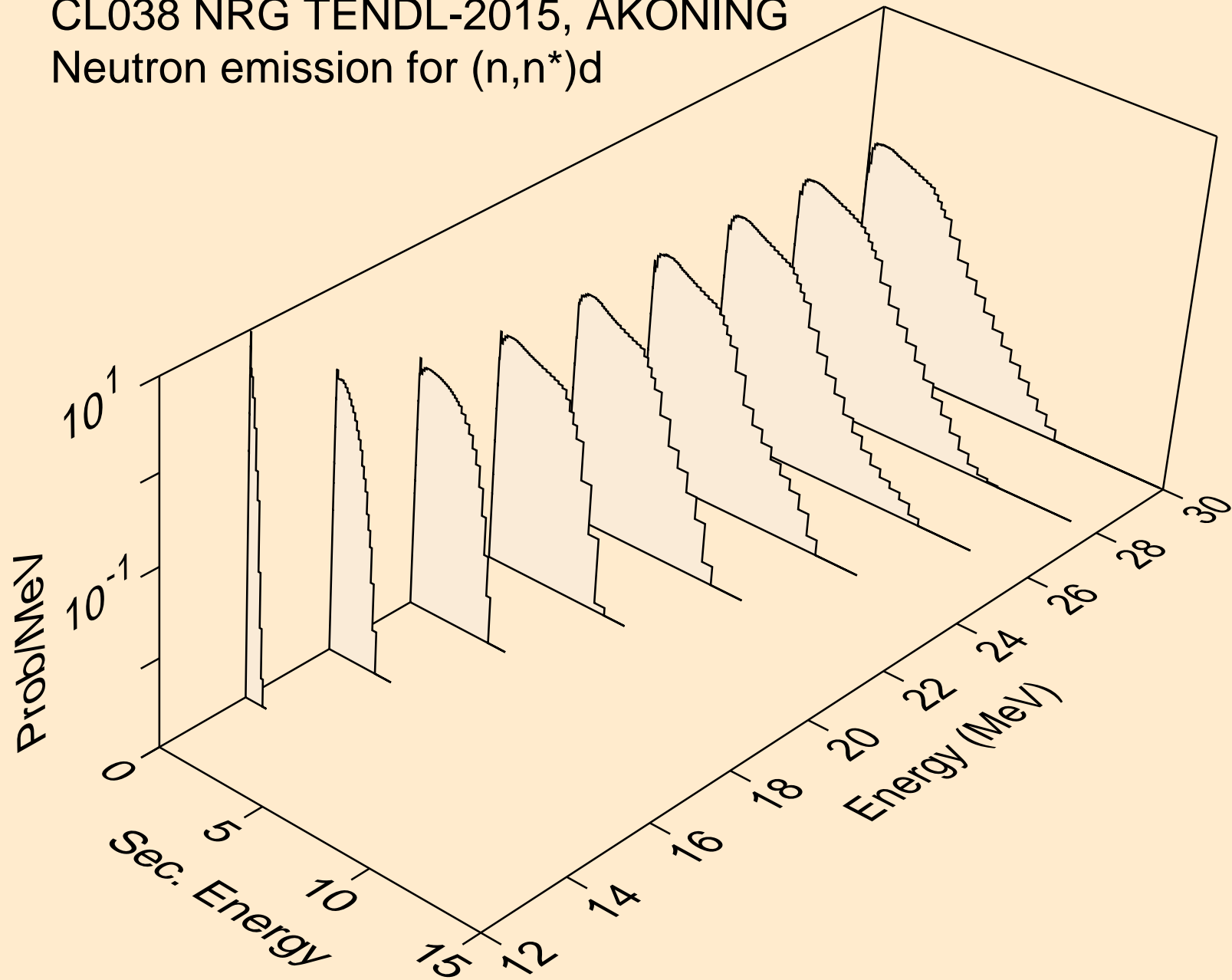


CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

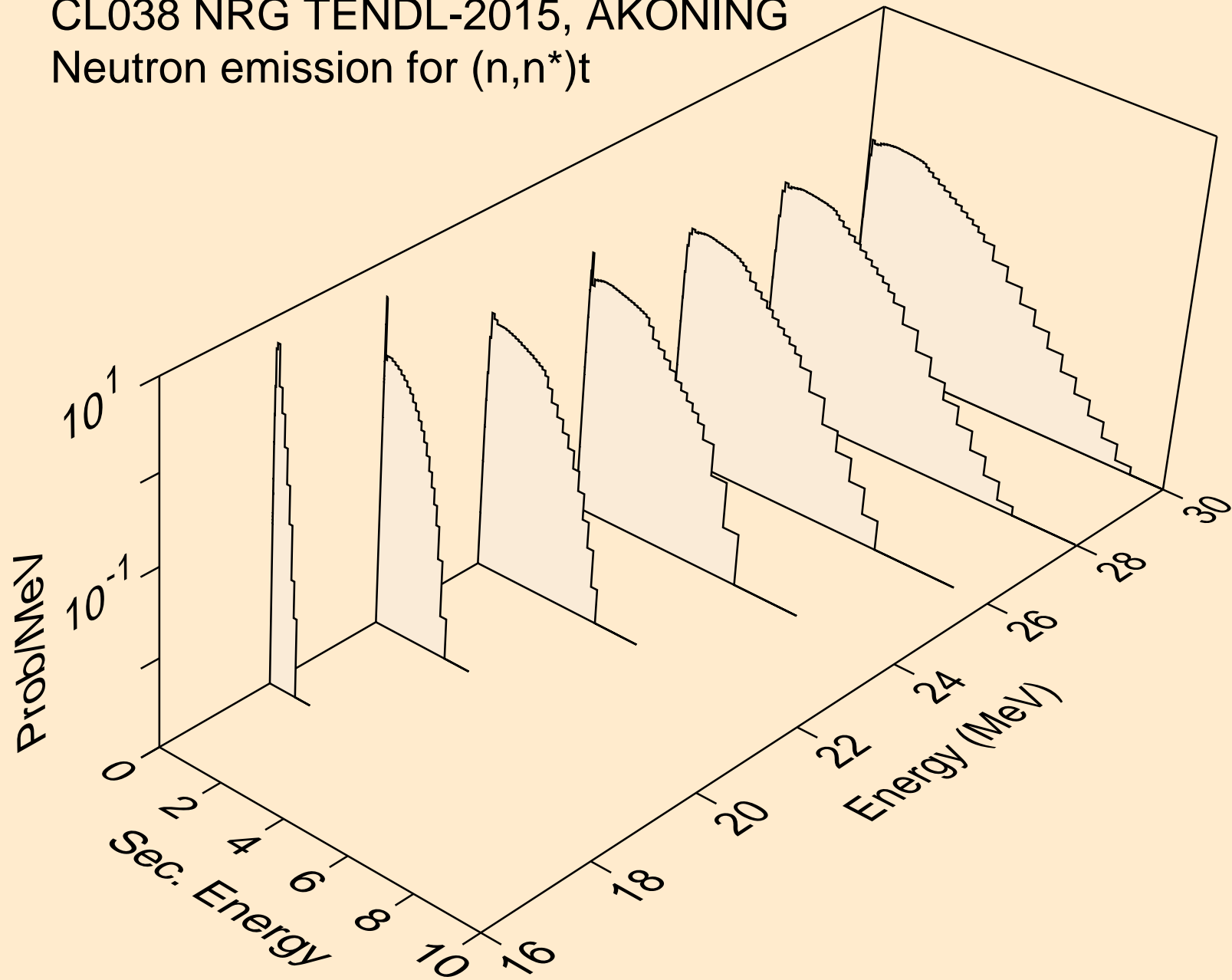




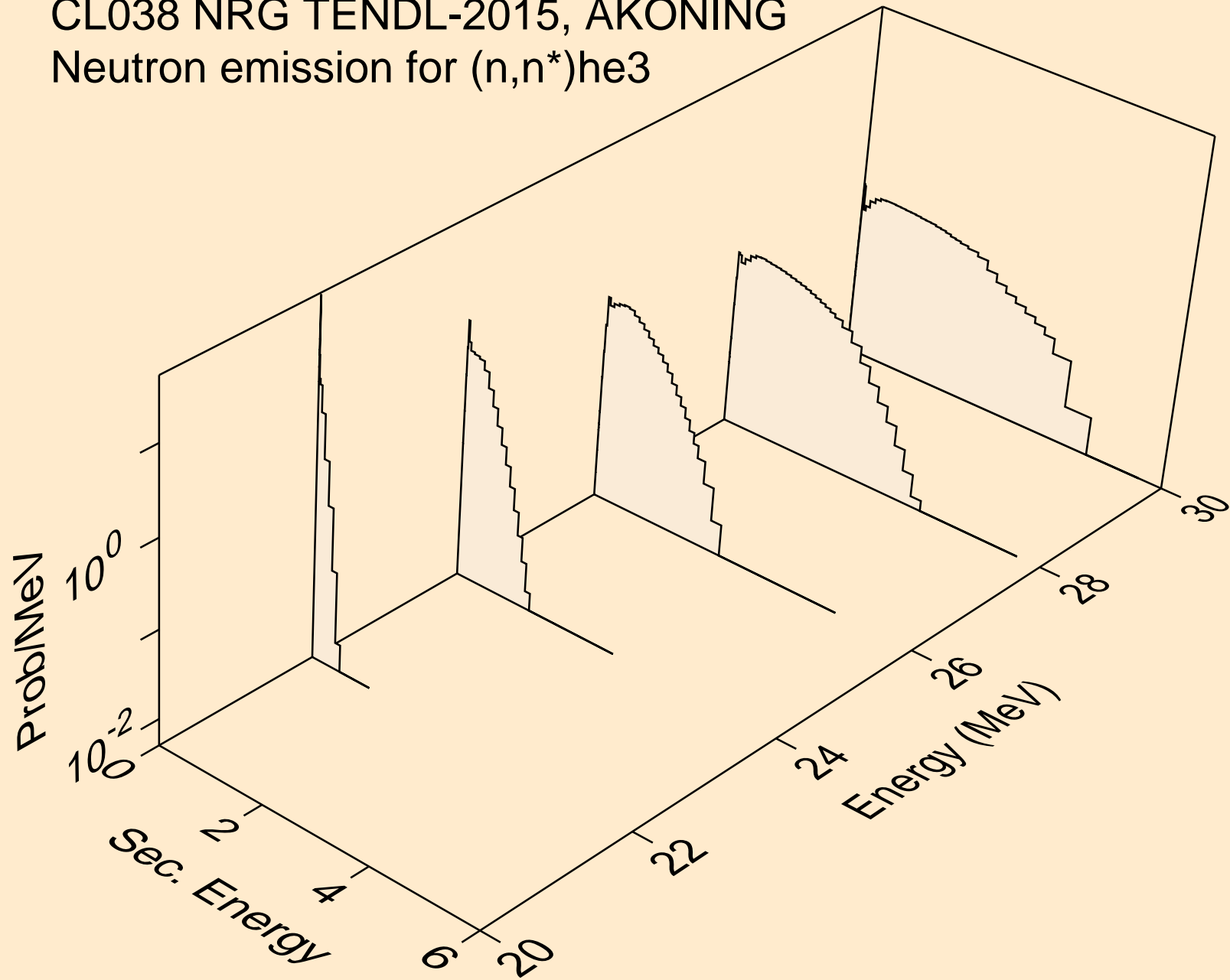
CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



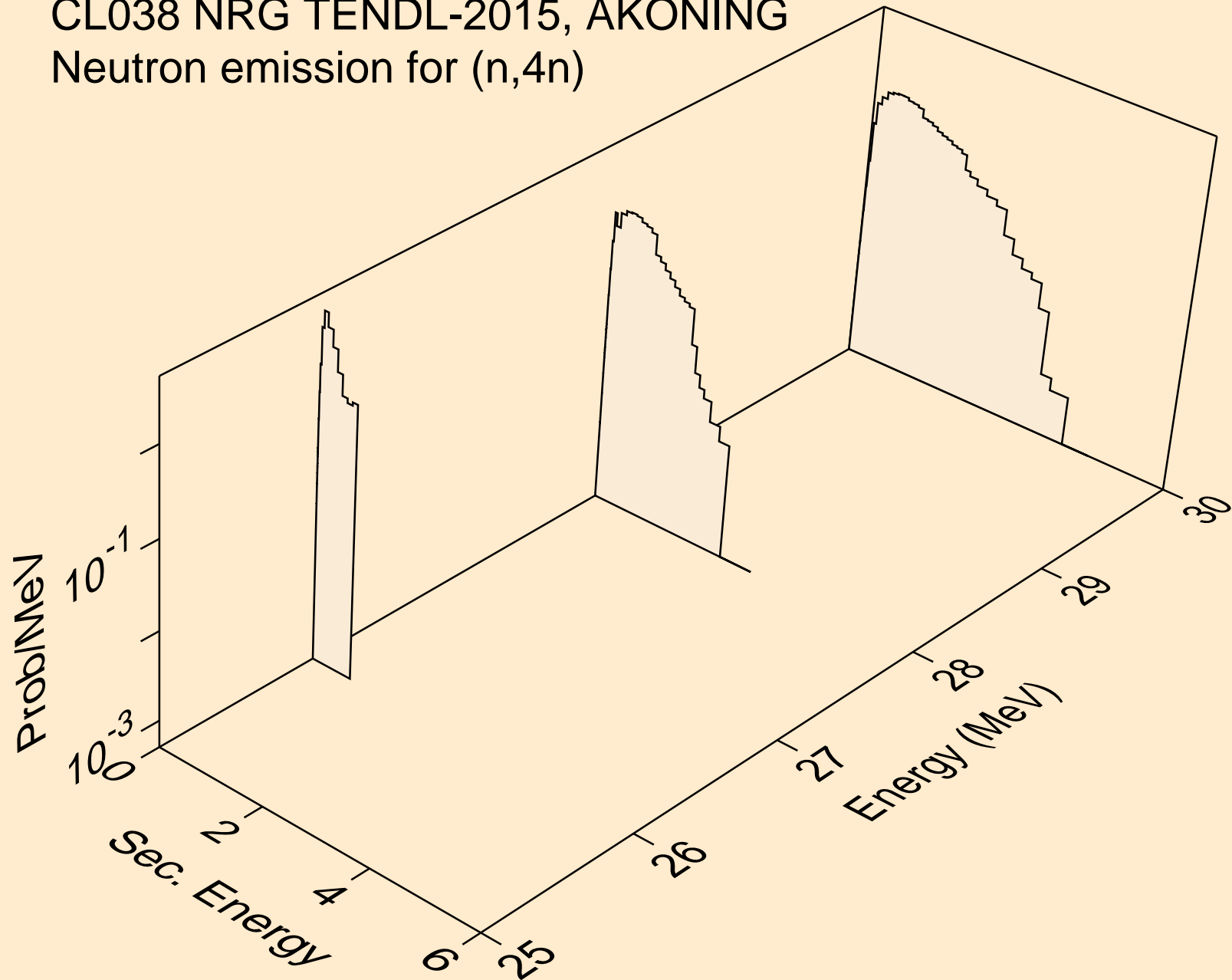
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Neutron emission for (n,n\*)t



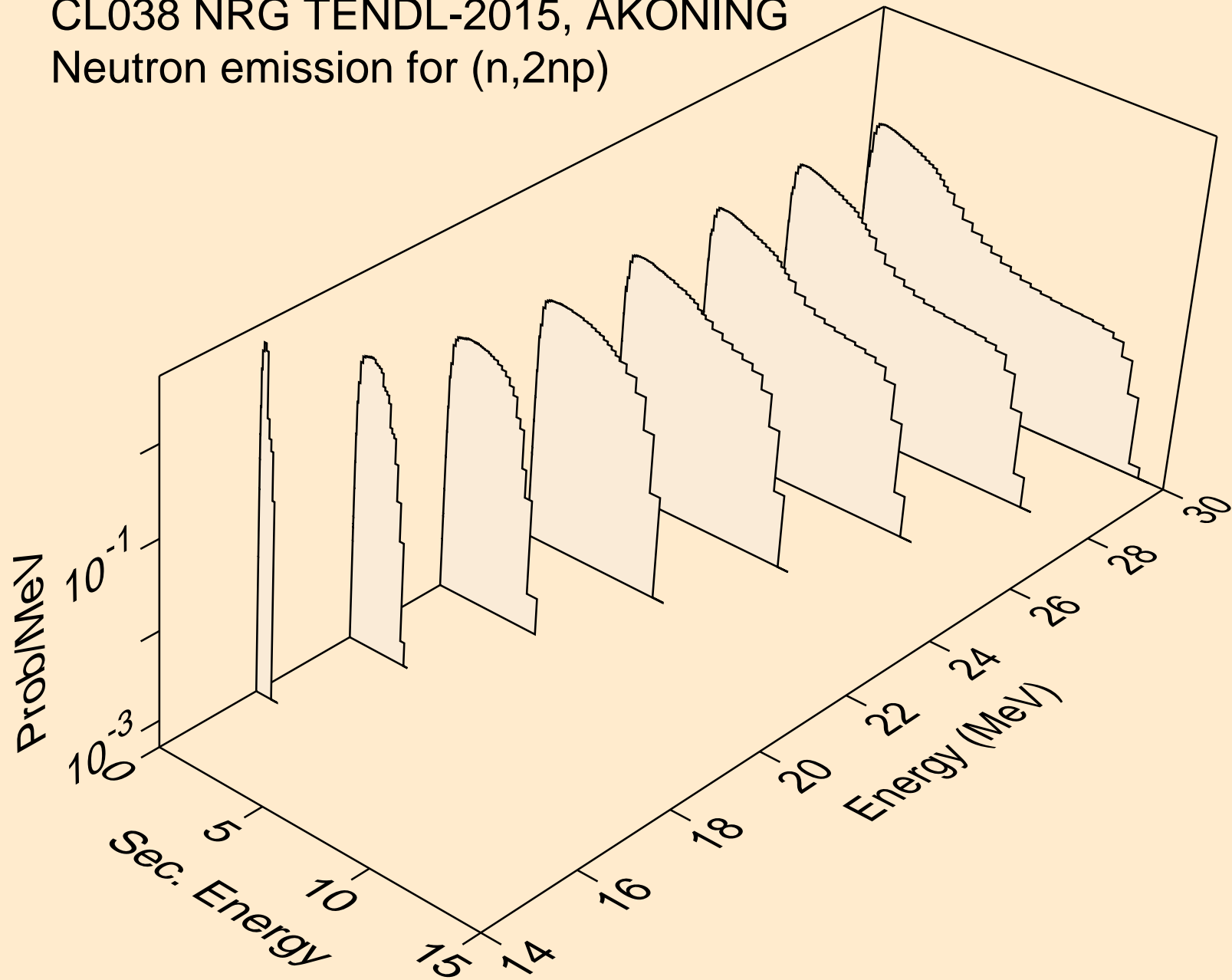
CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



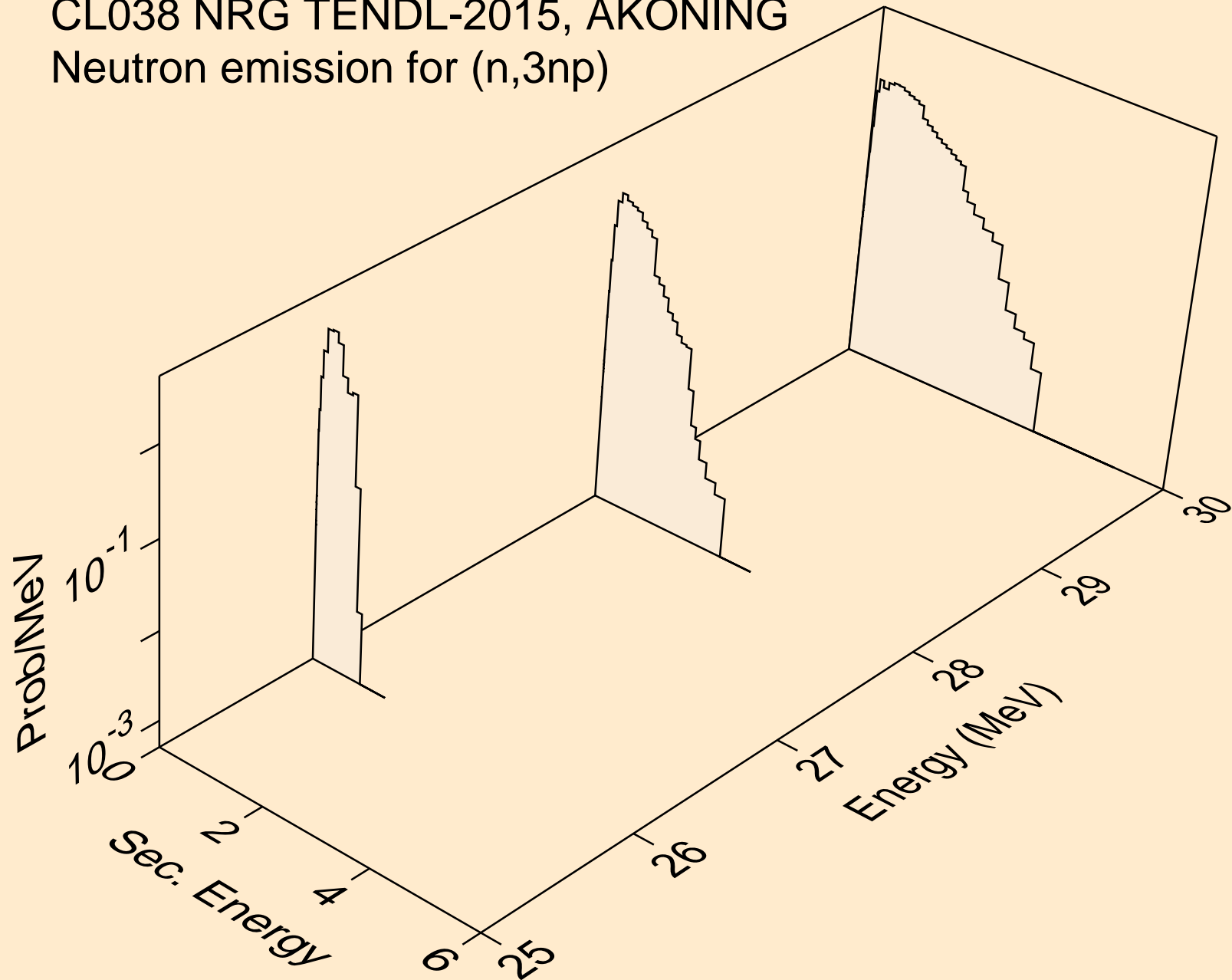
CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



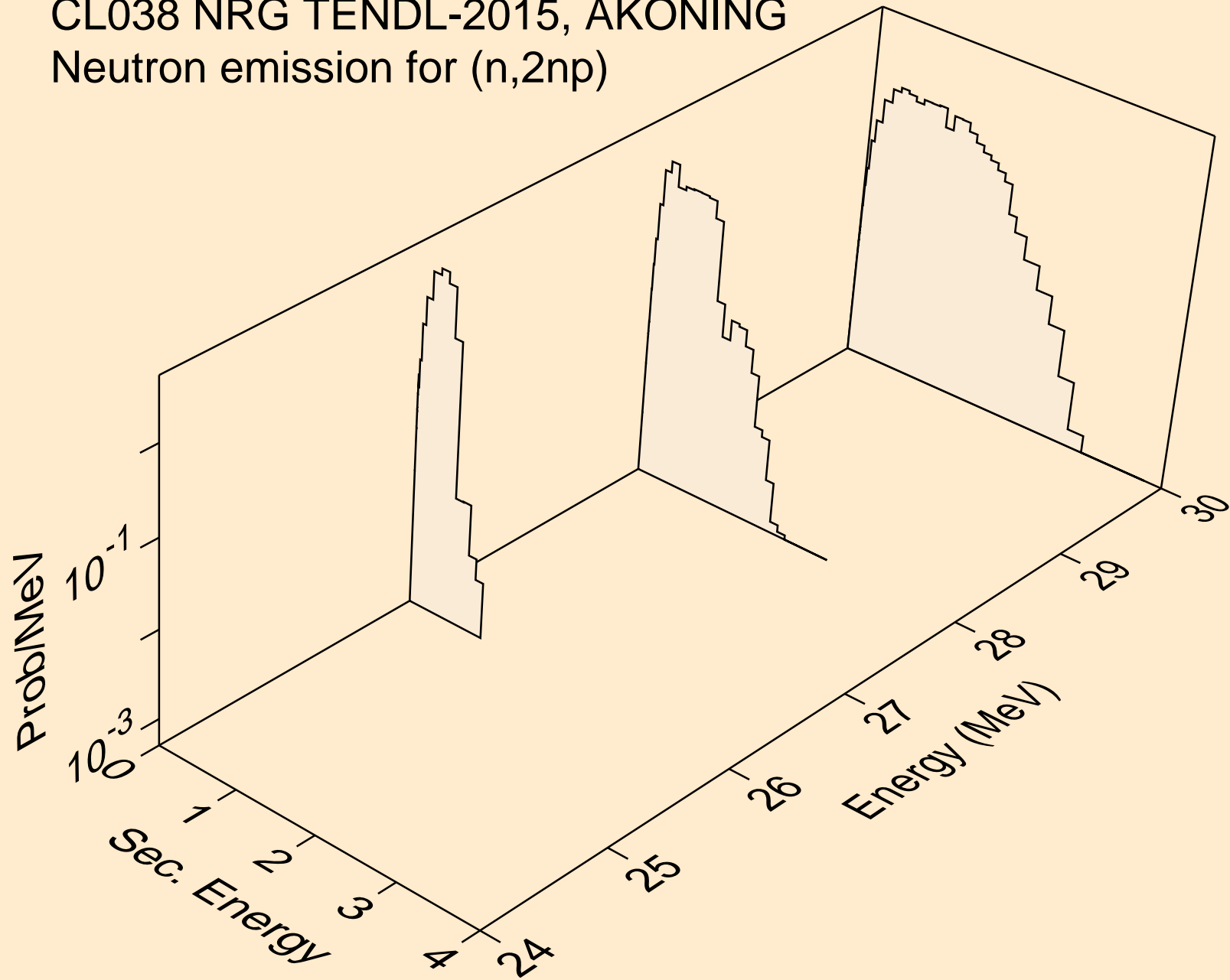
CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



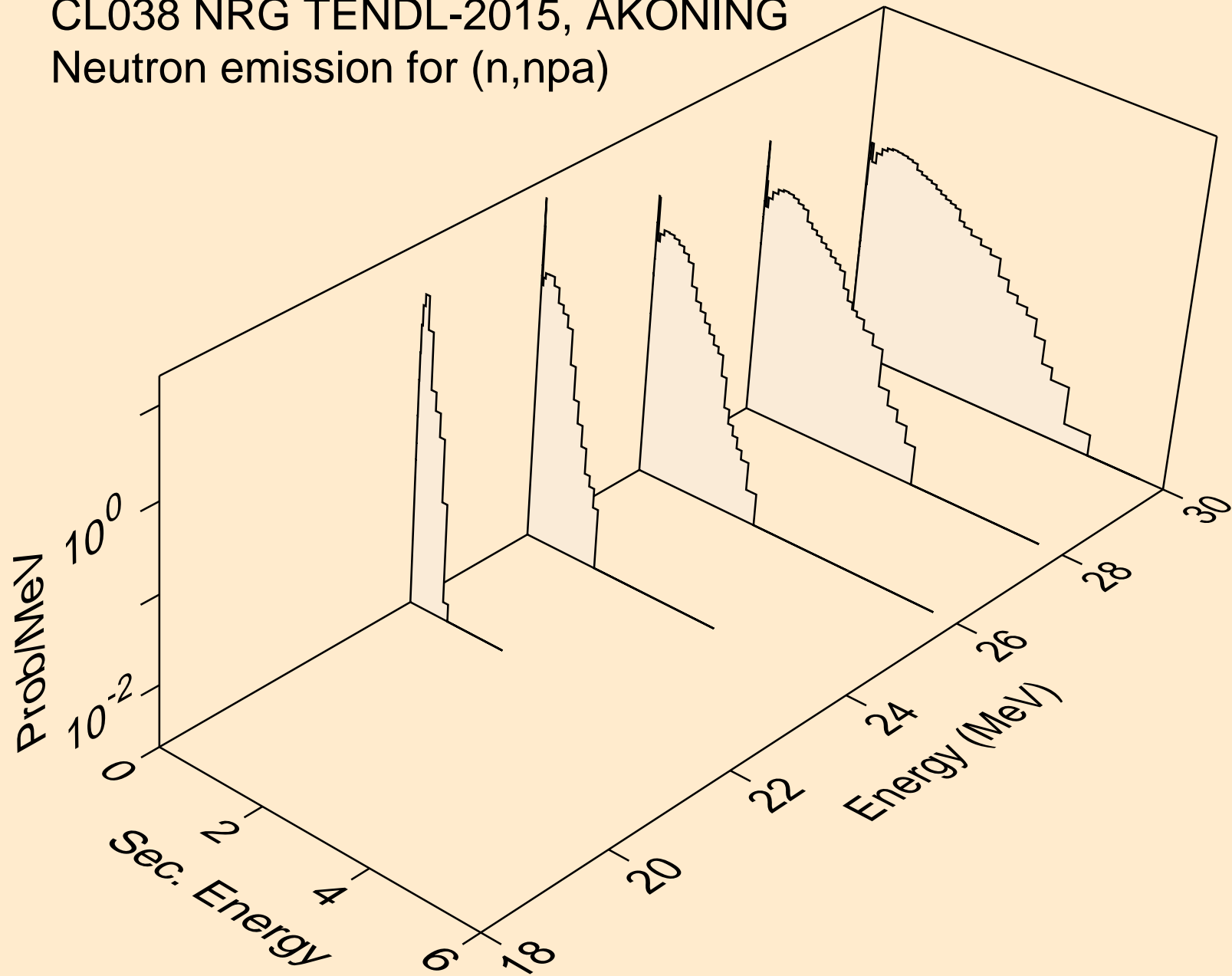
CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

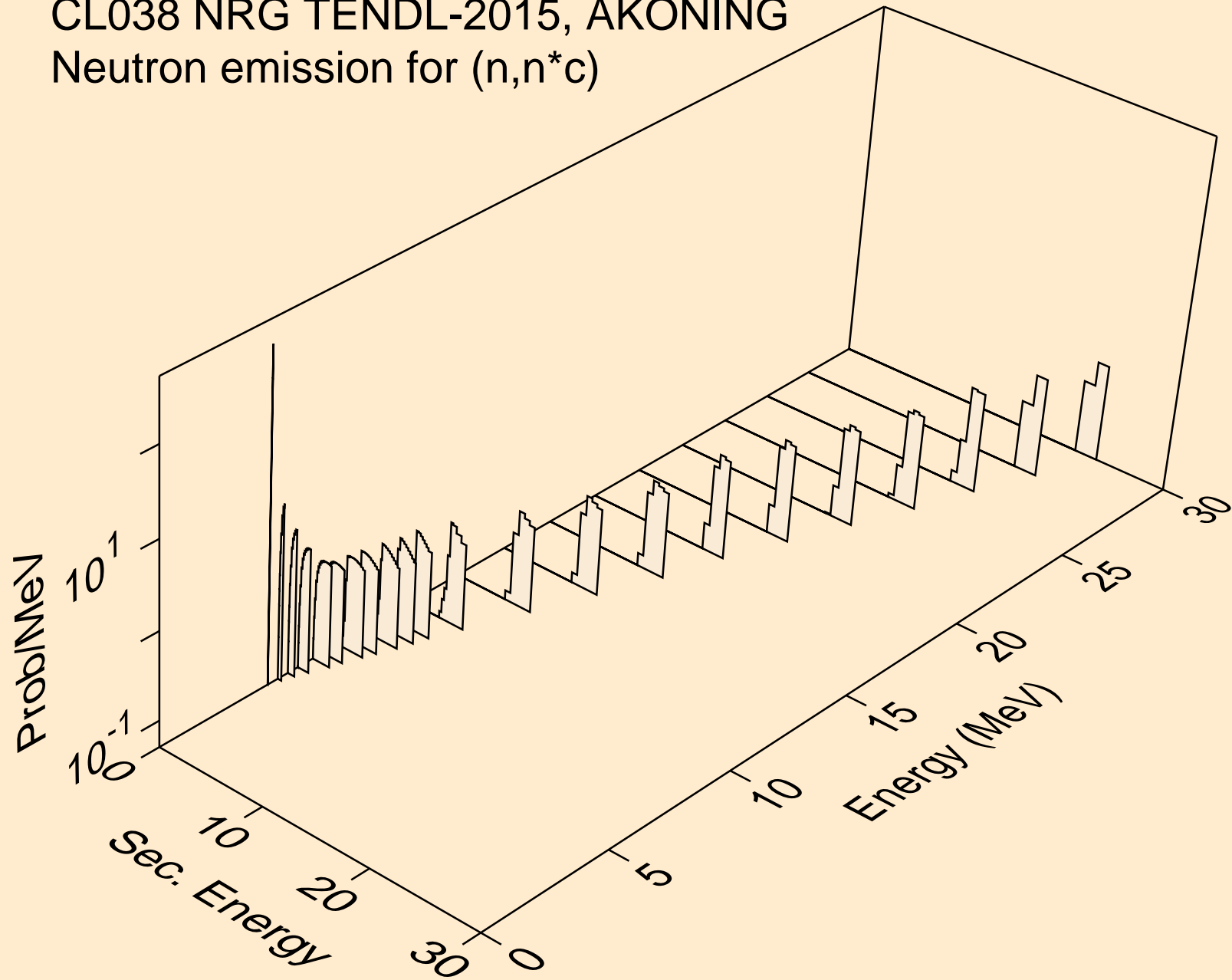


CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

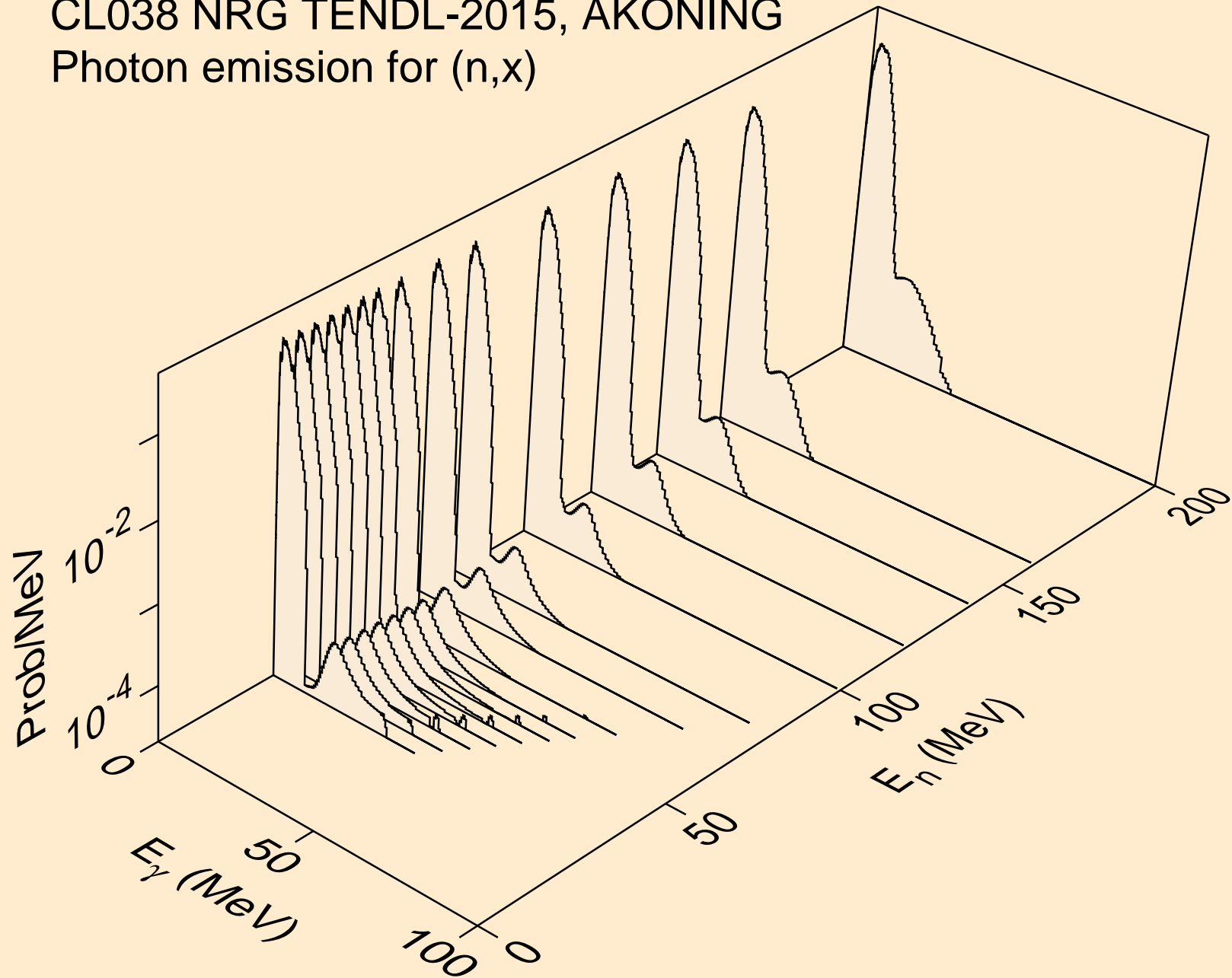




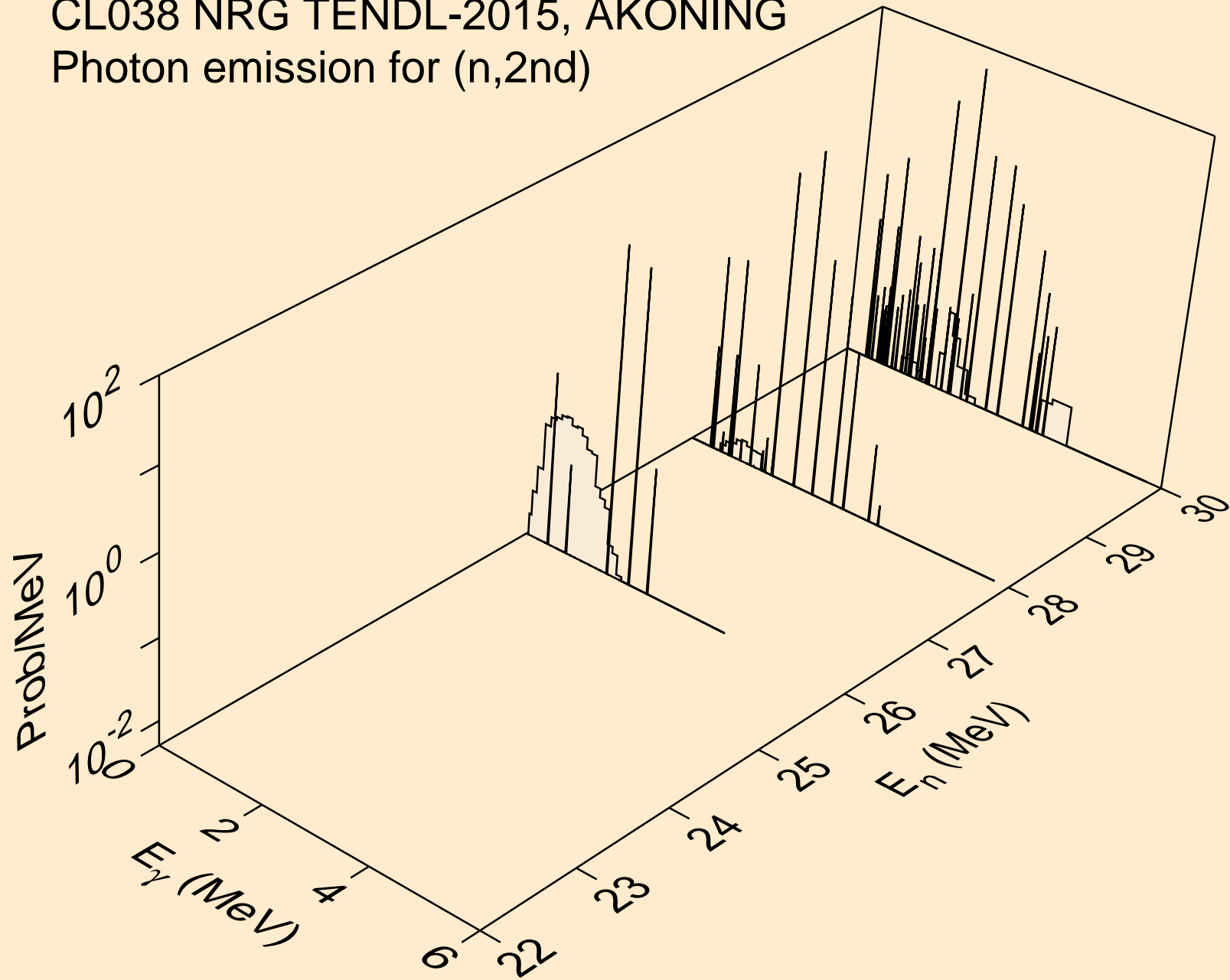
CL038 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



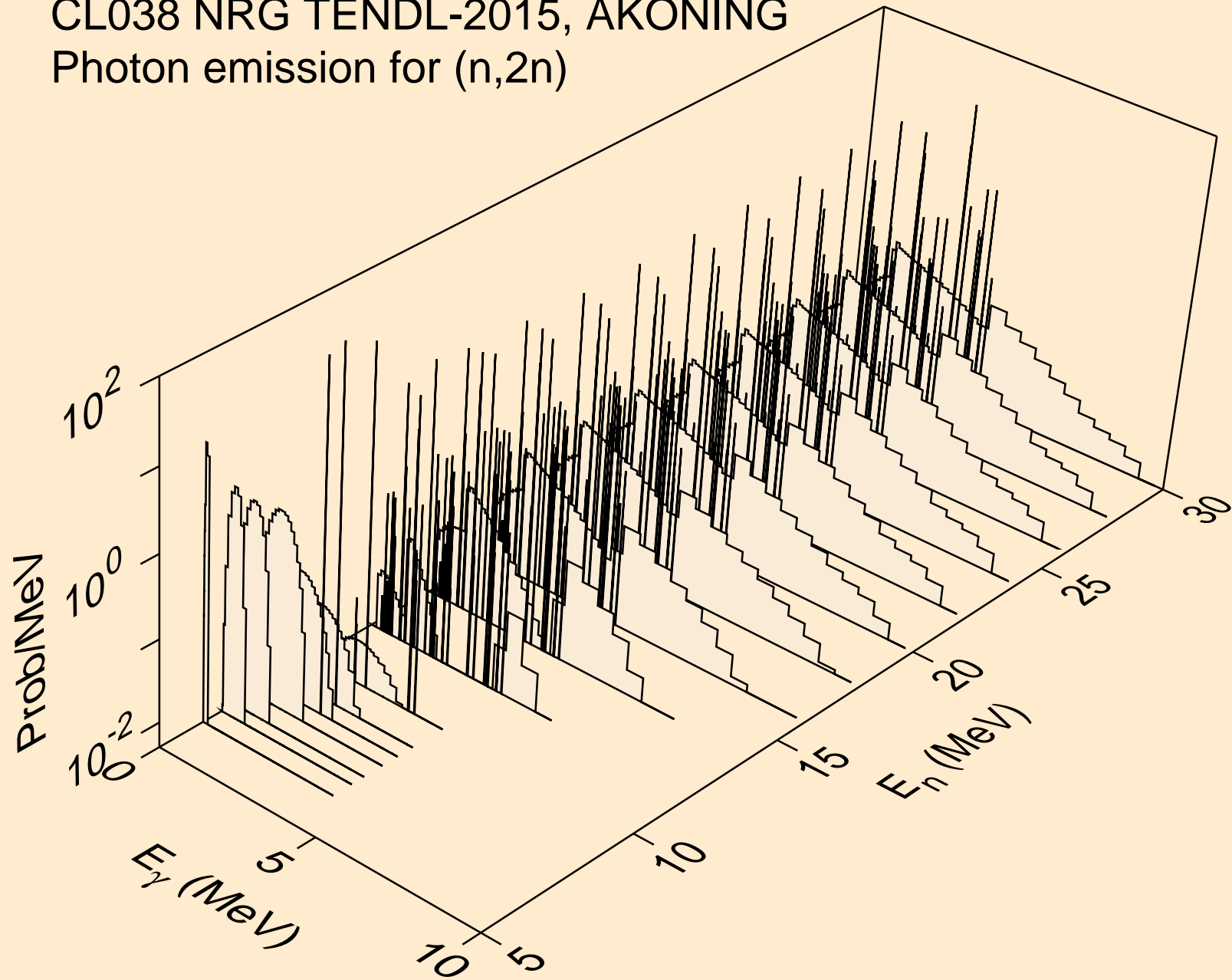
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



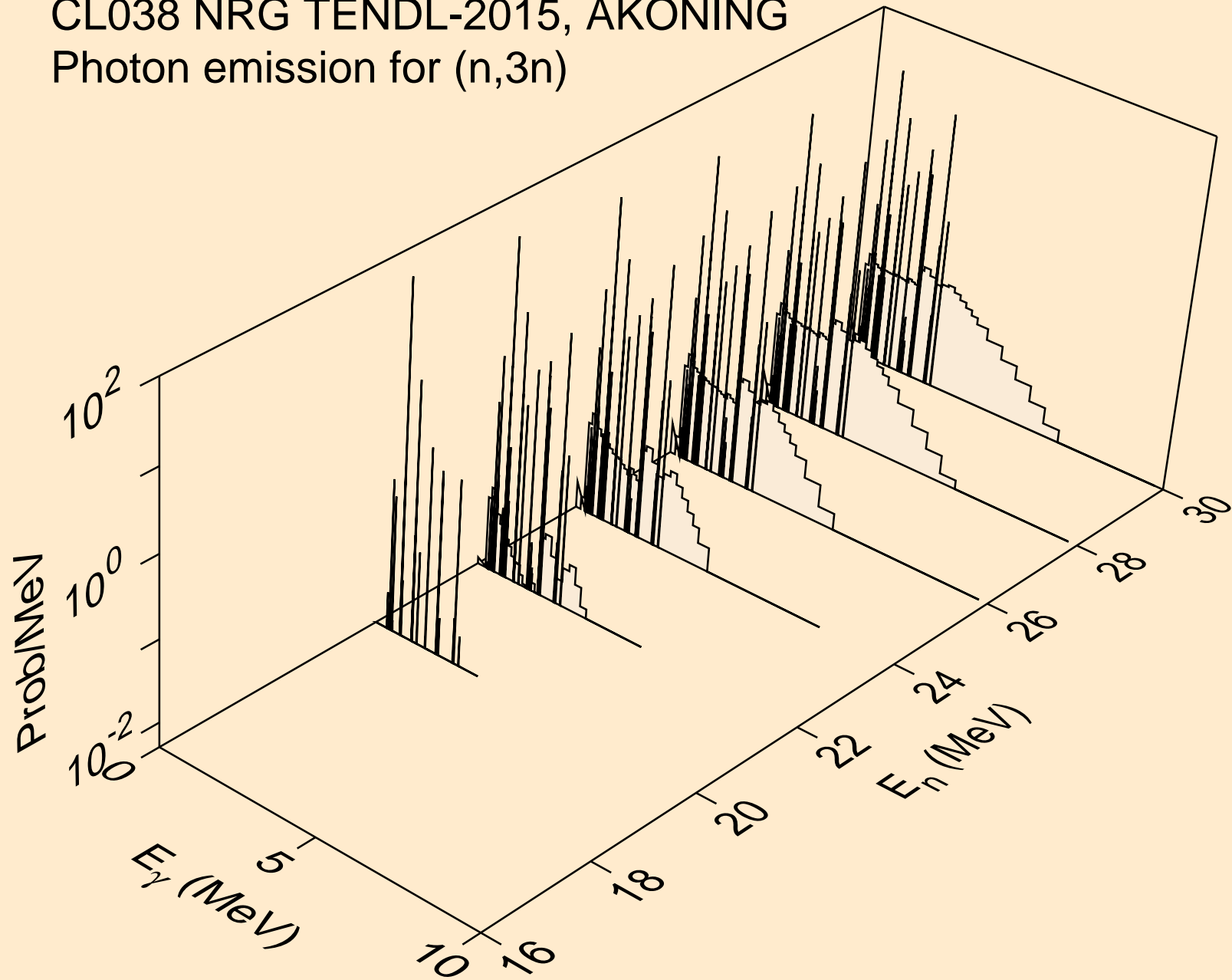
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



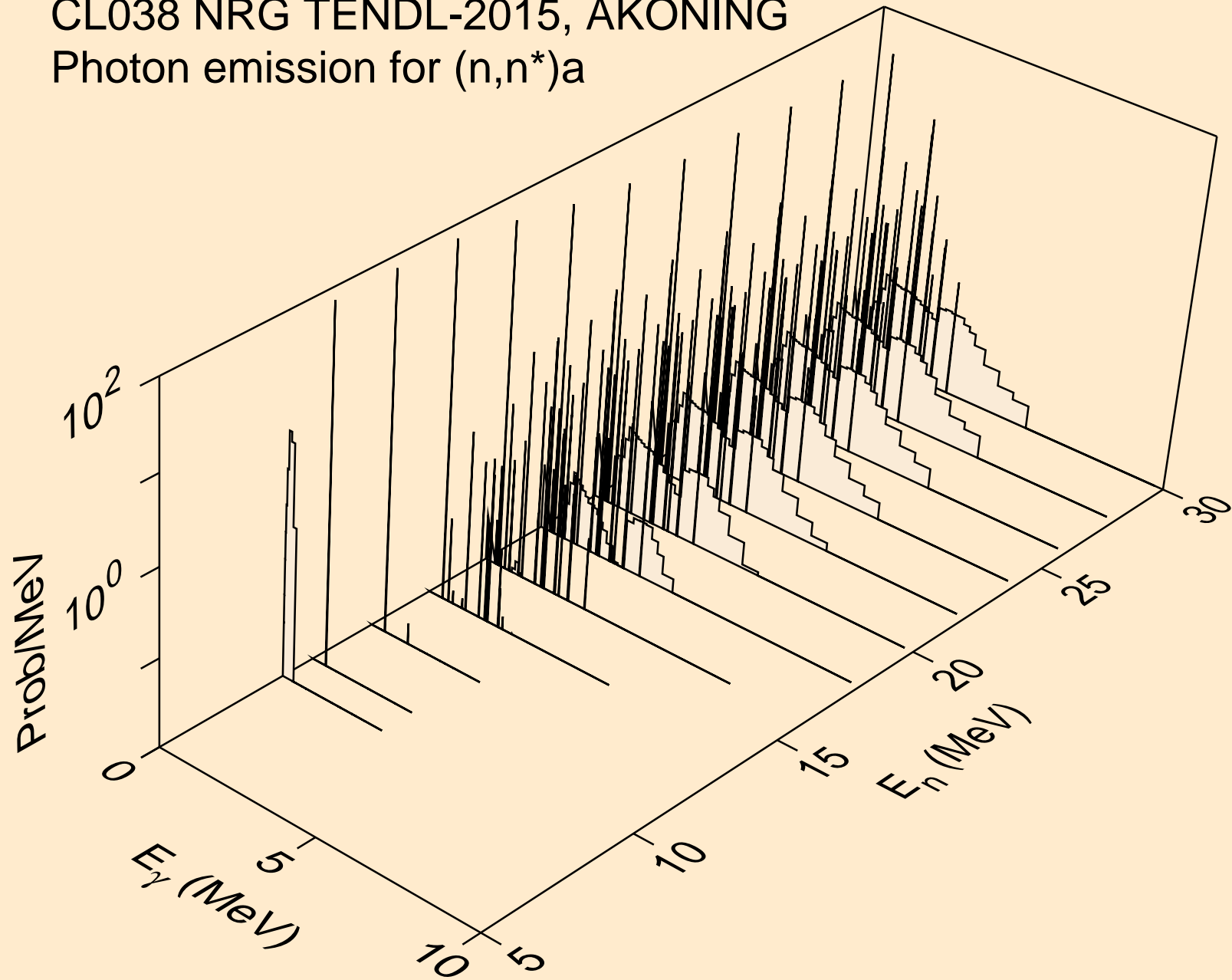
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



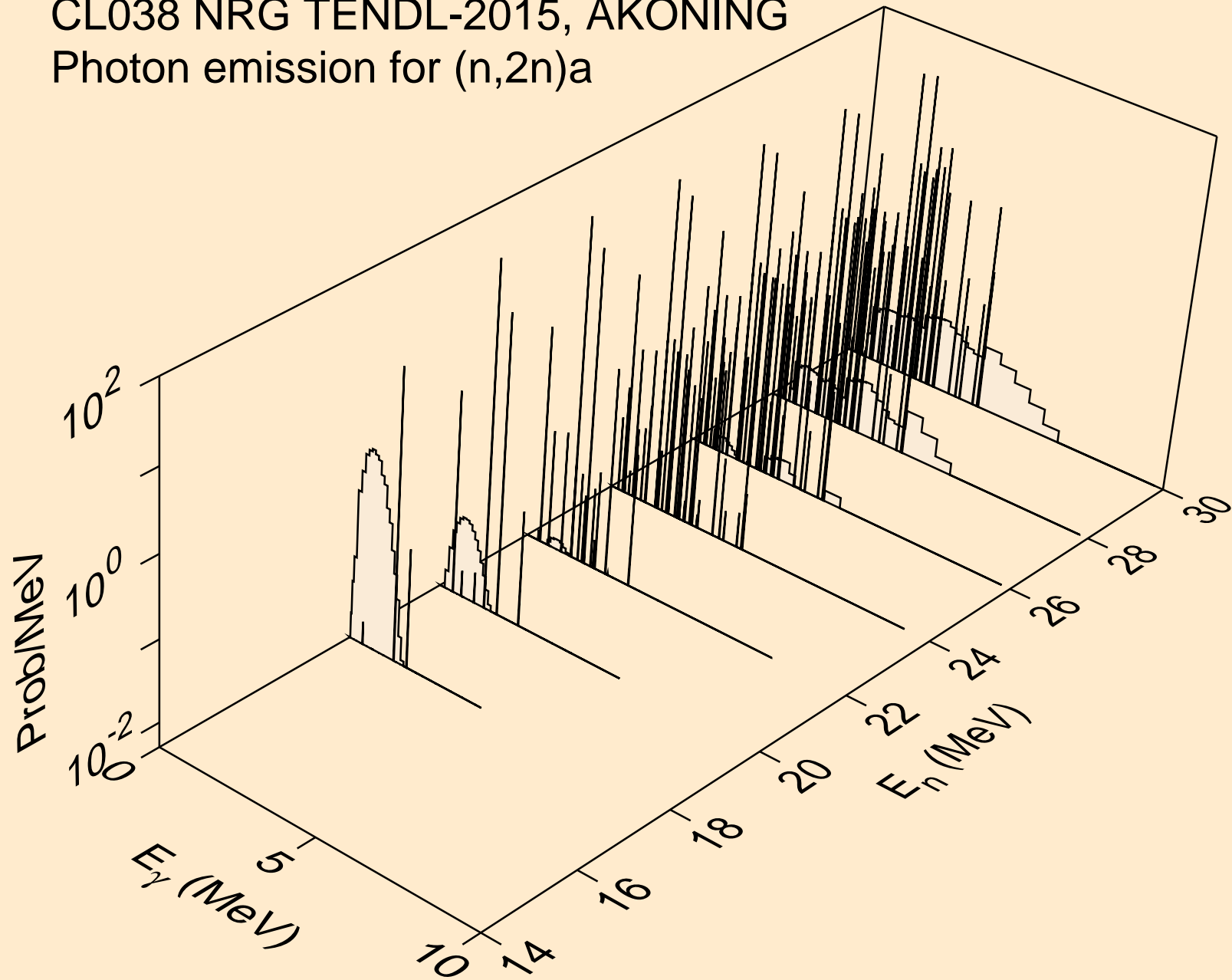
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



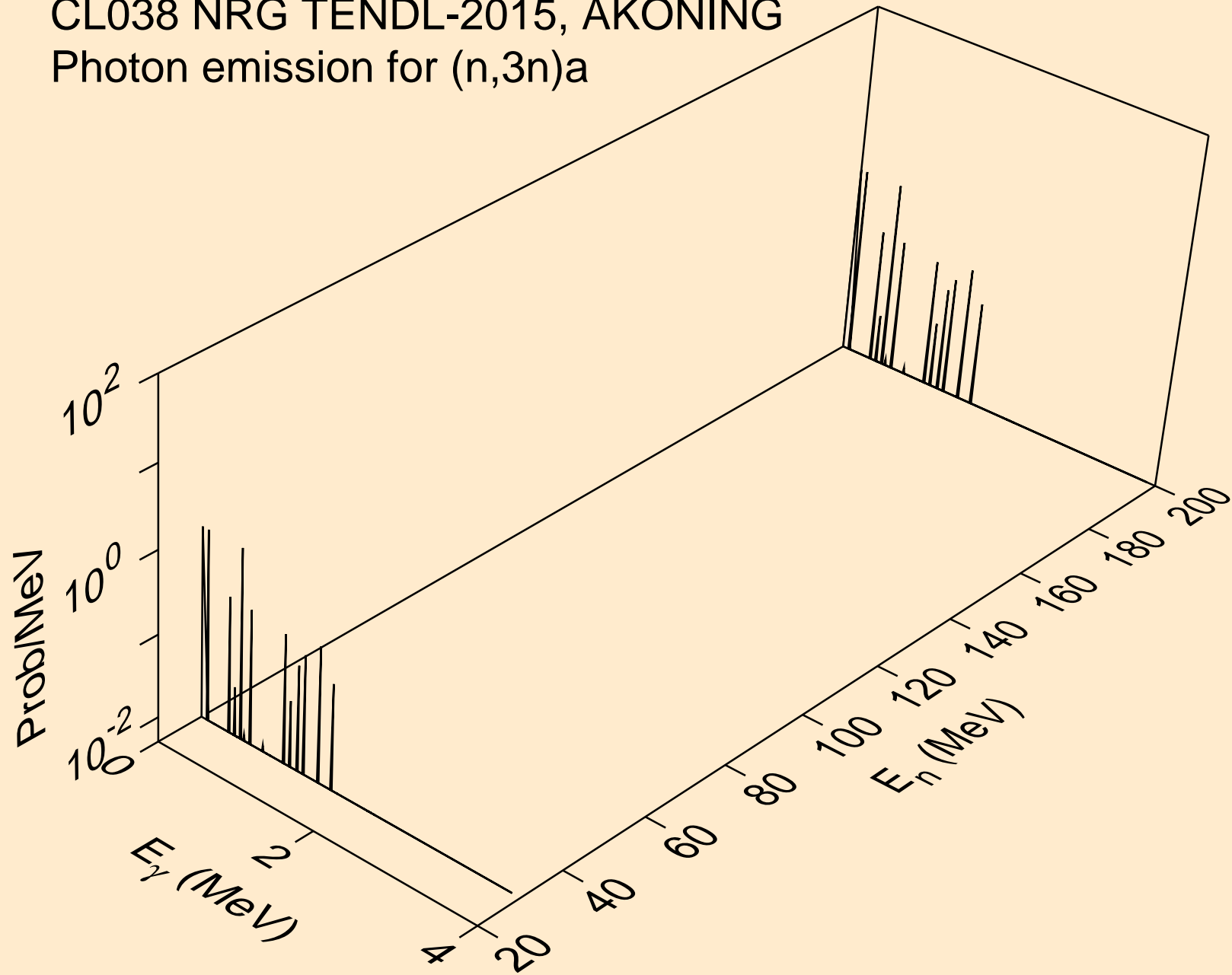
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

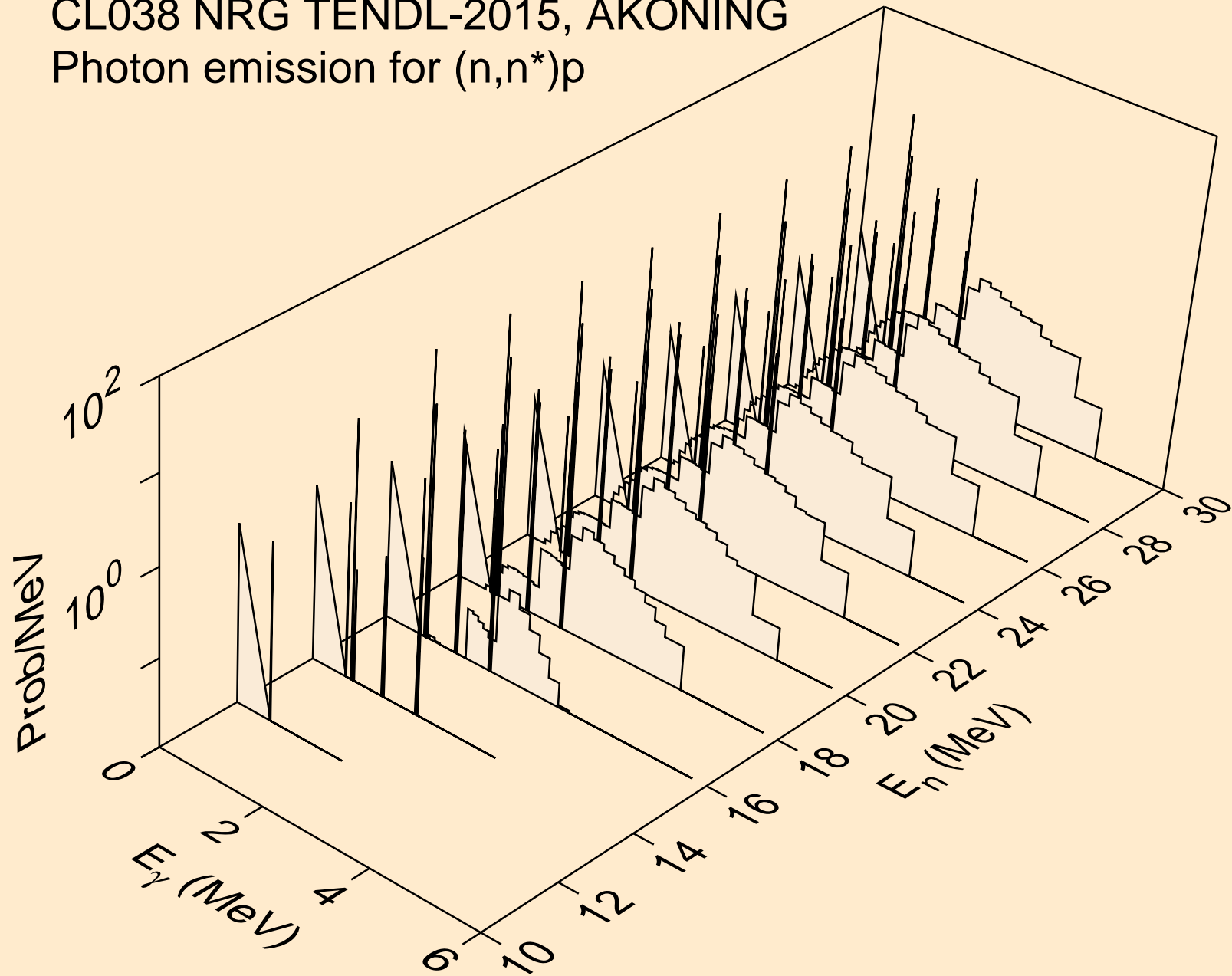


CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

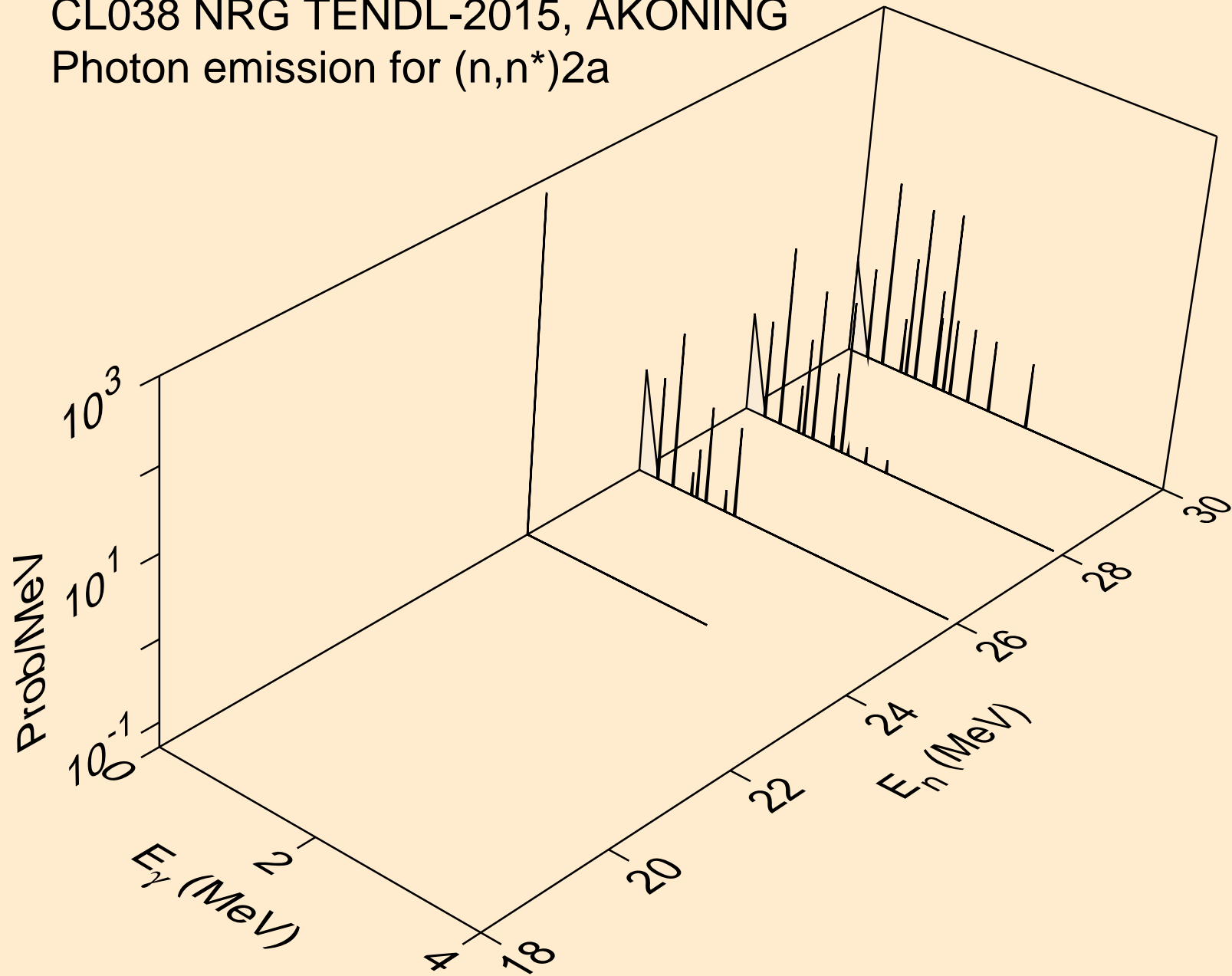




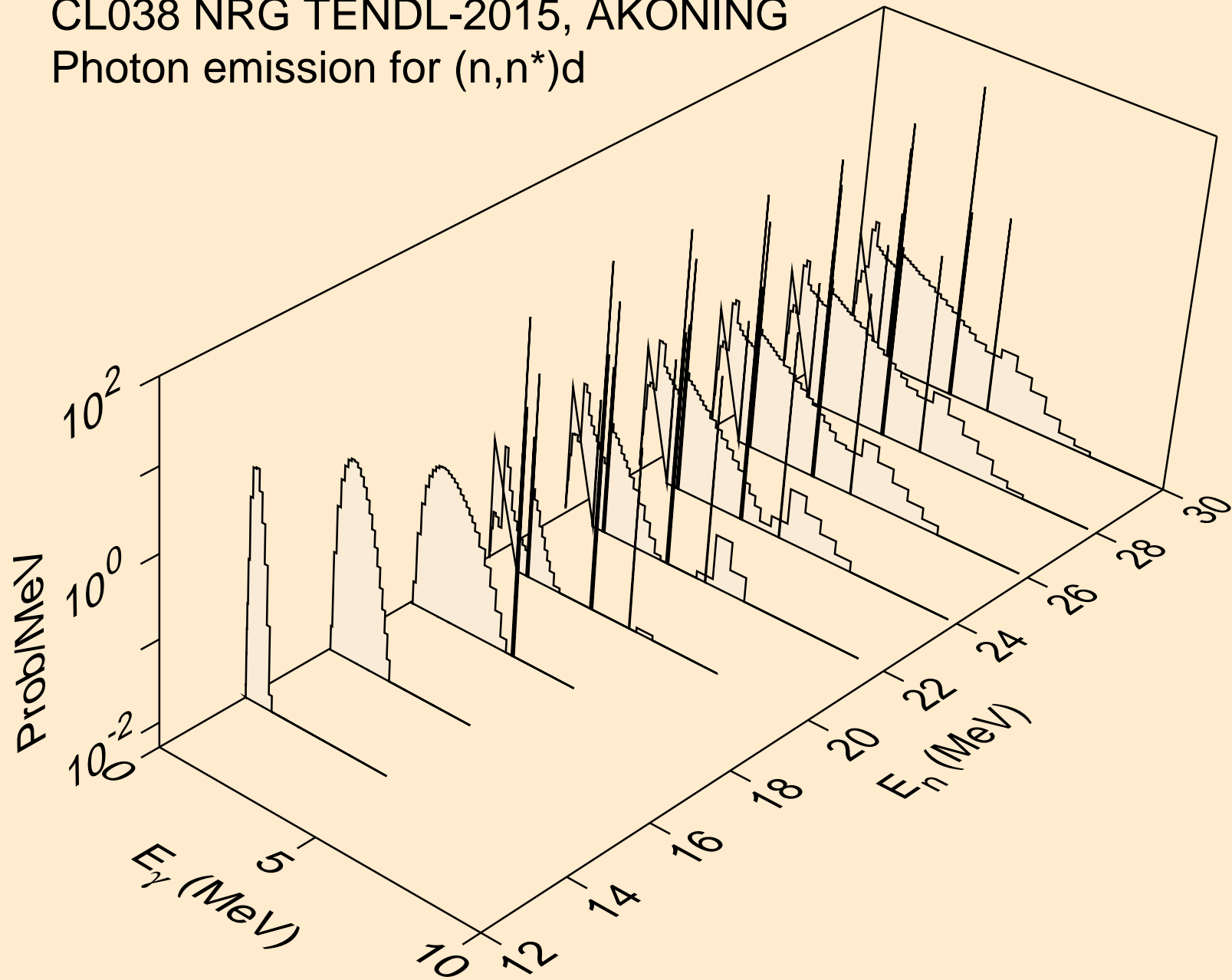
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



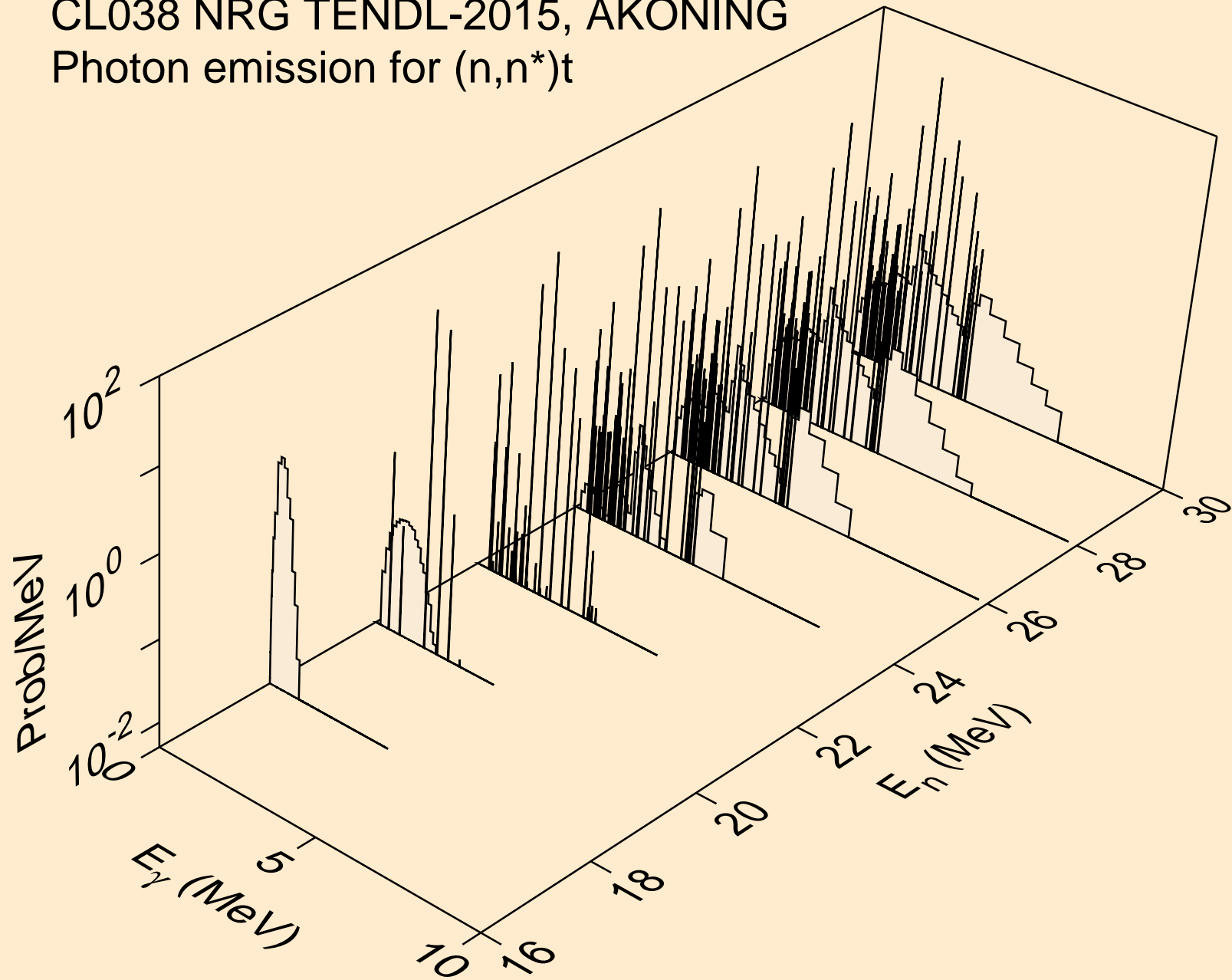
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



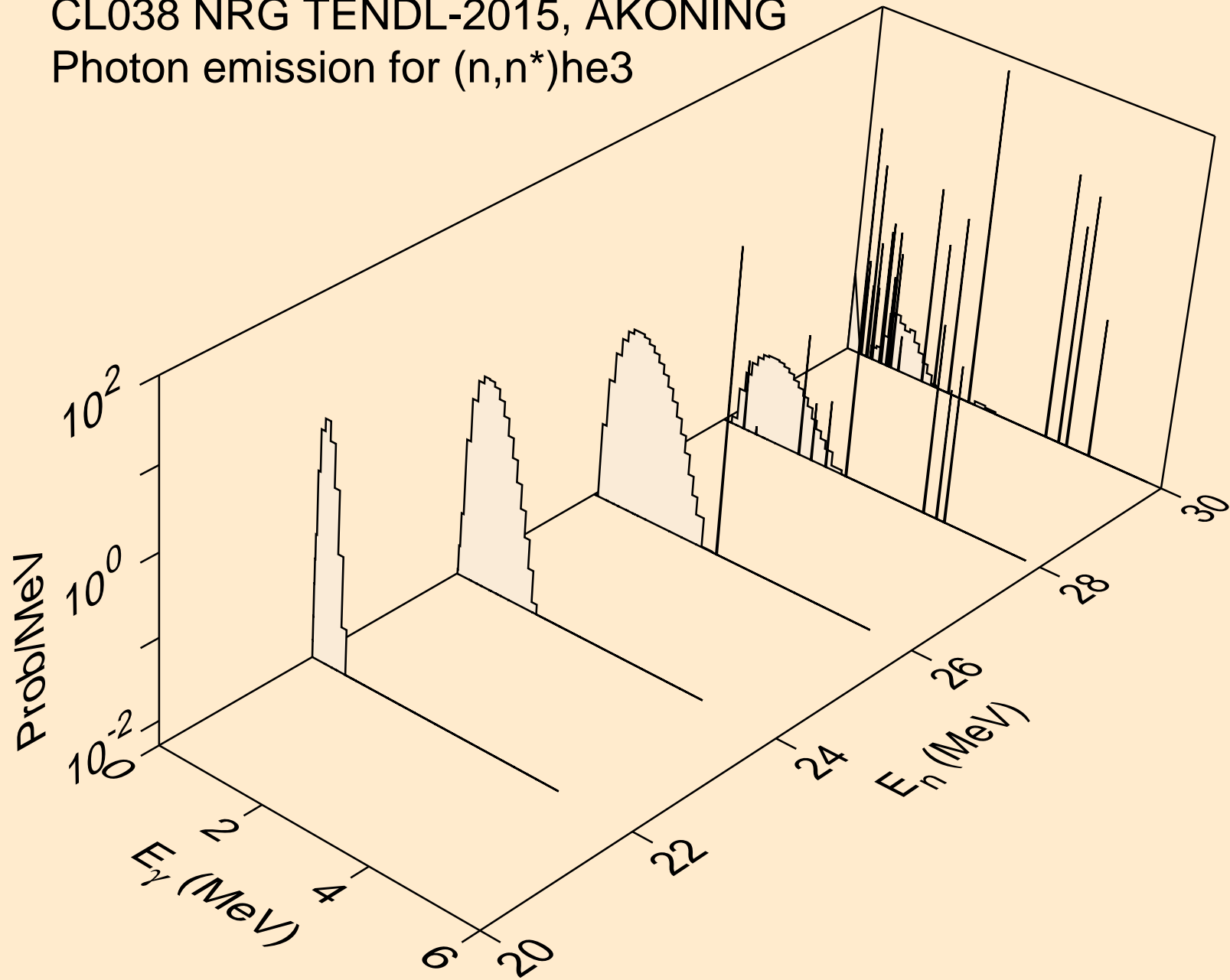
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



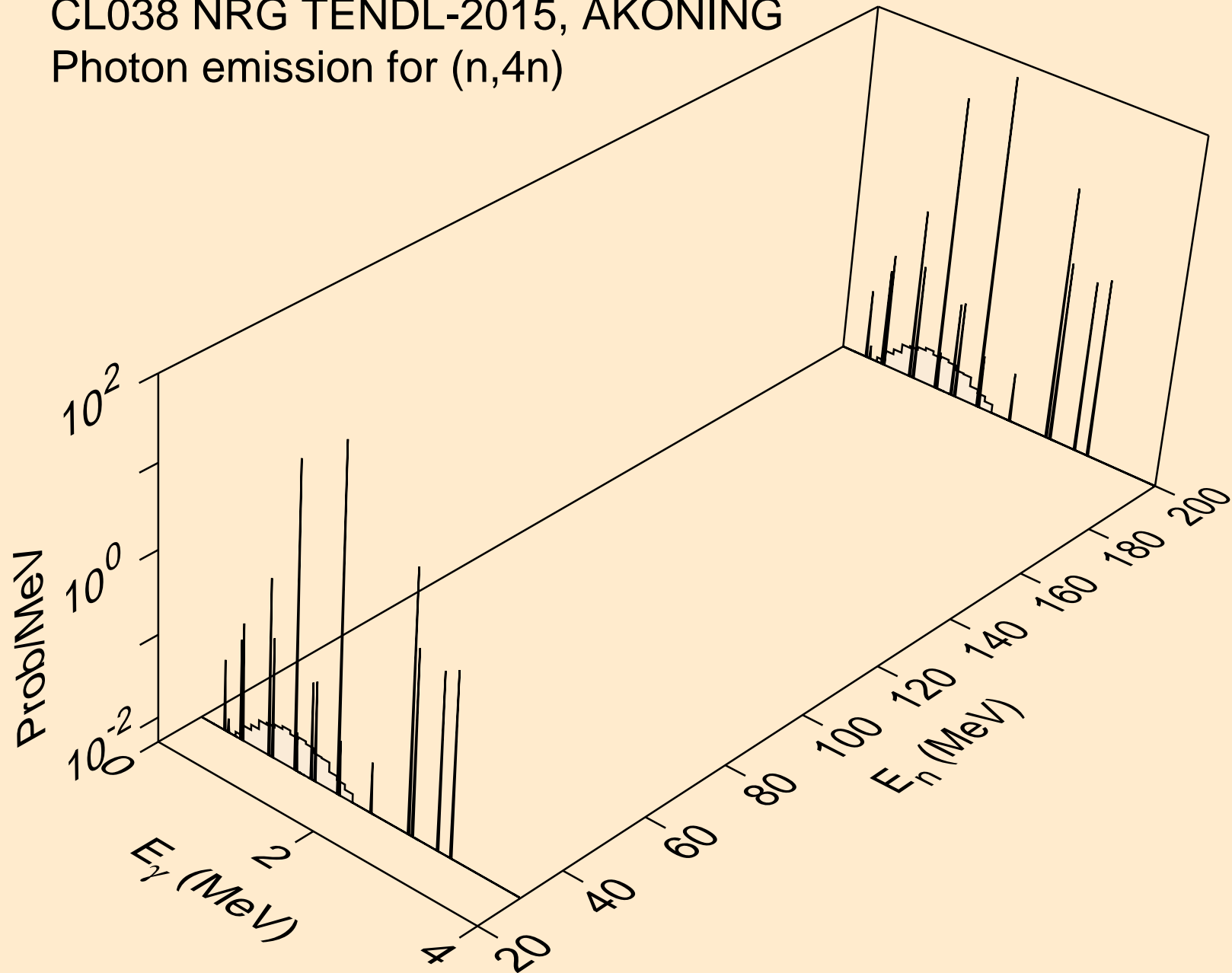
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



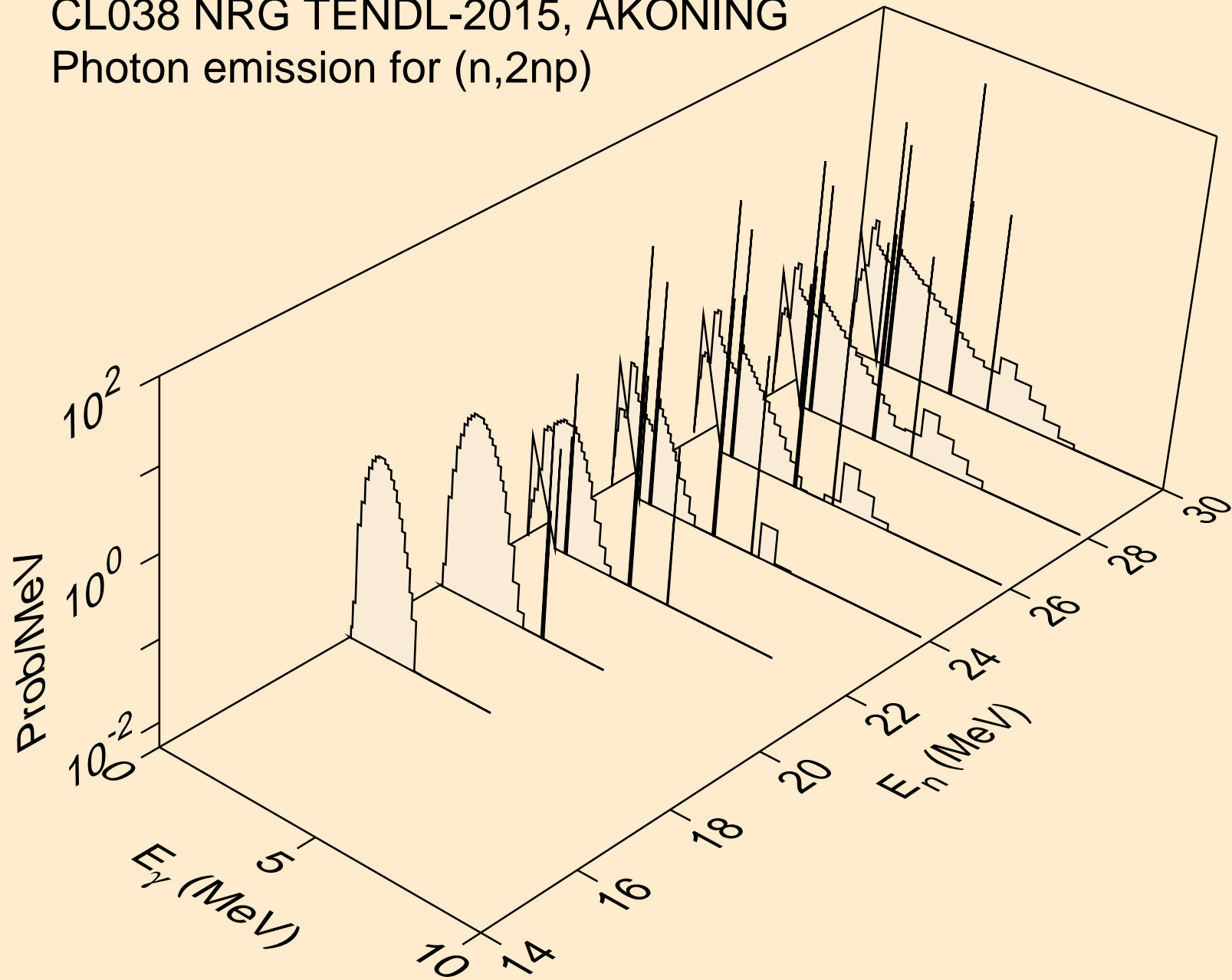
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



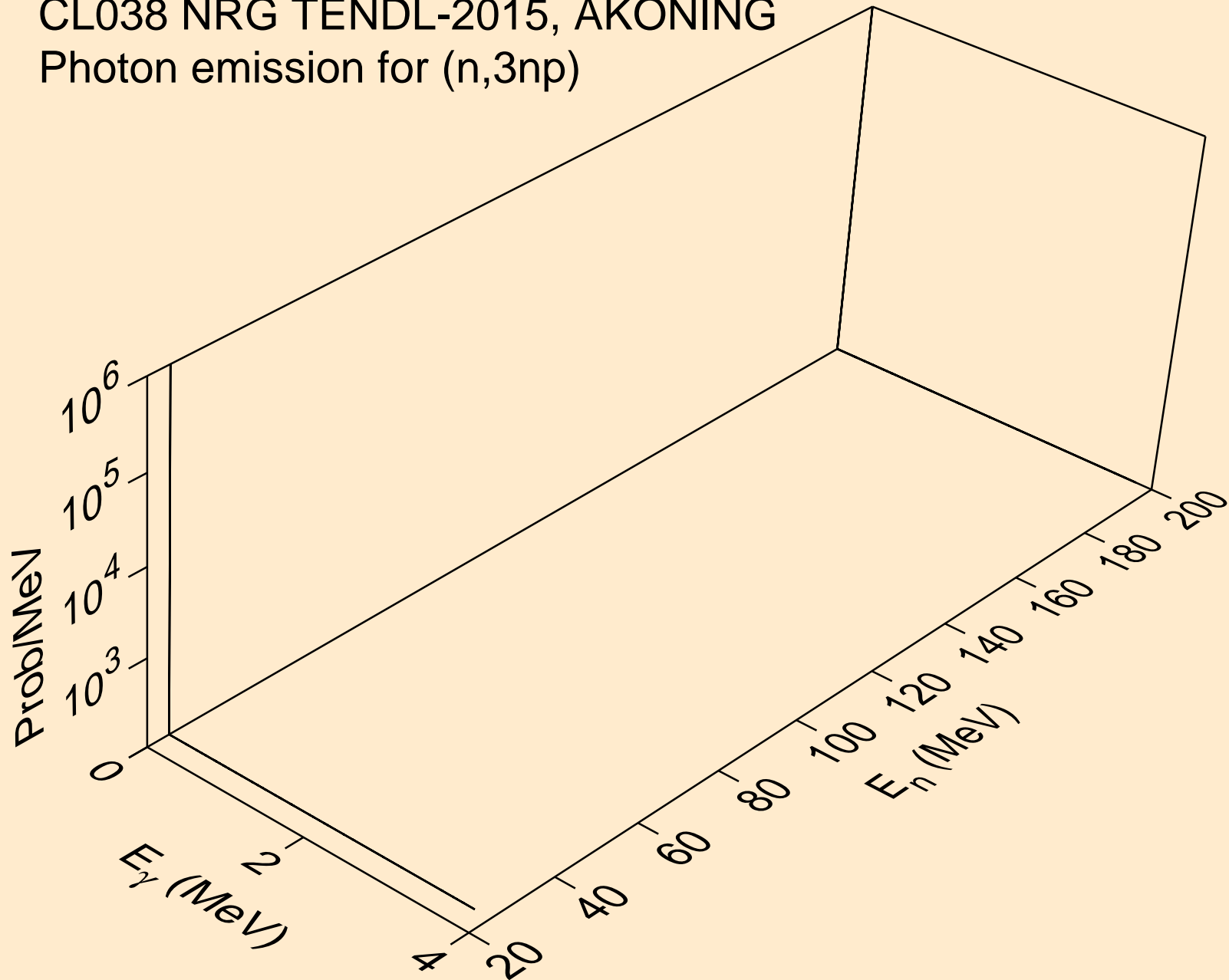
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

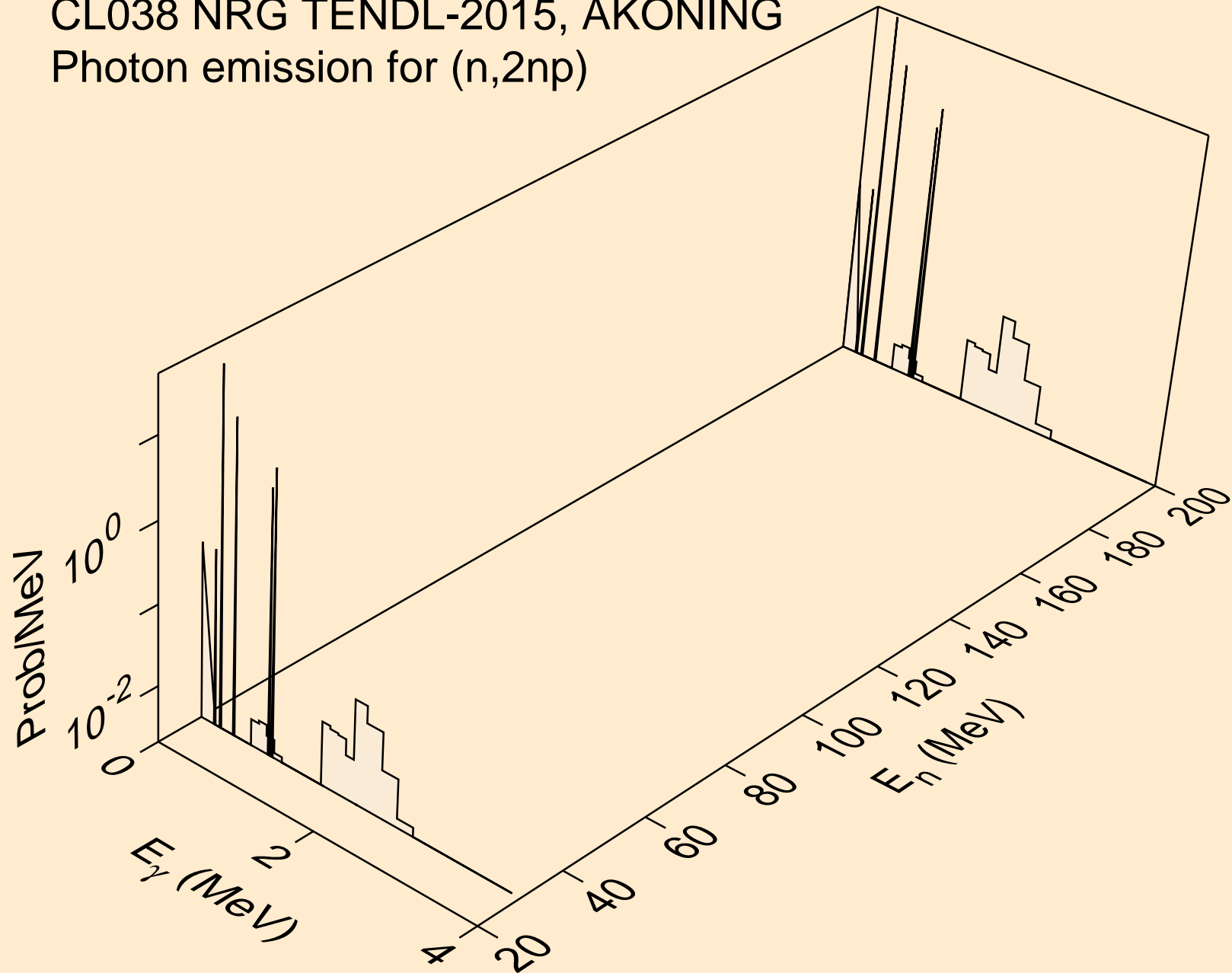


CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

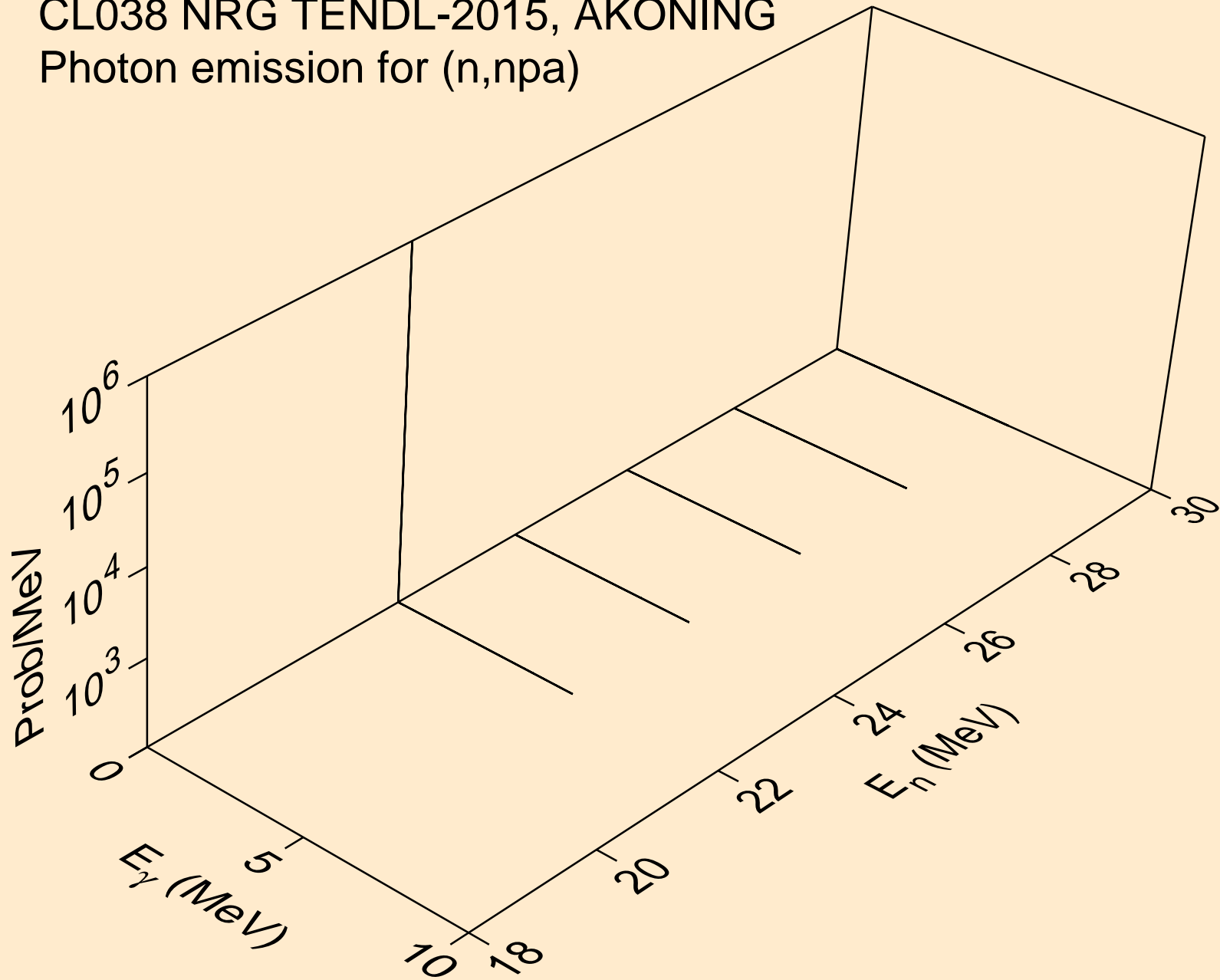




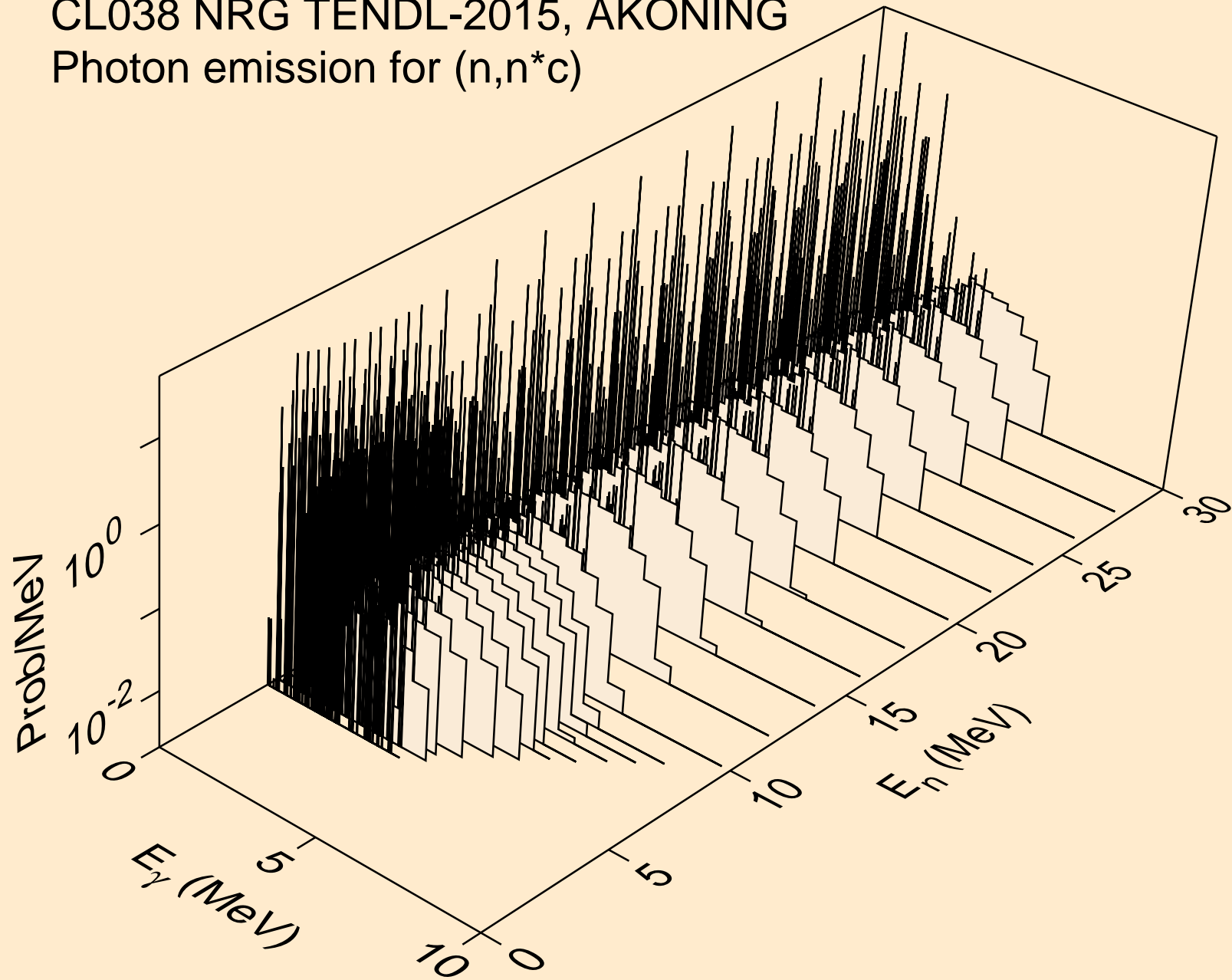
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



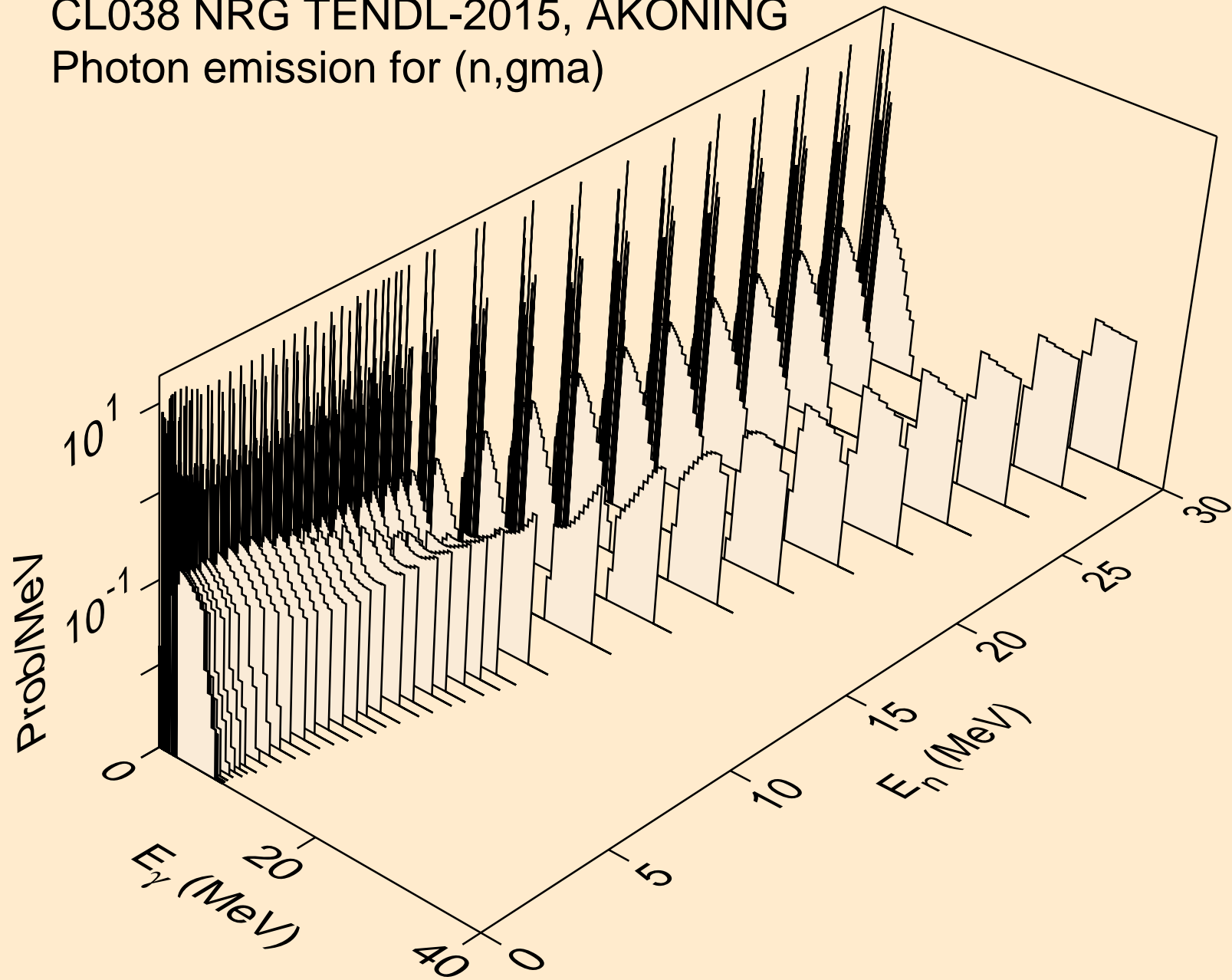
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



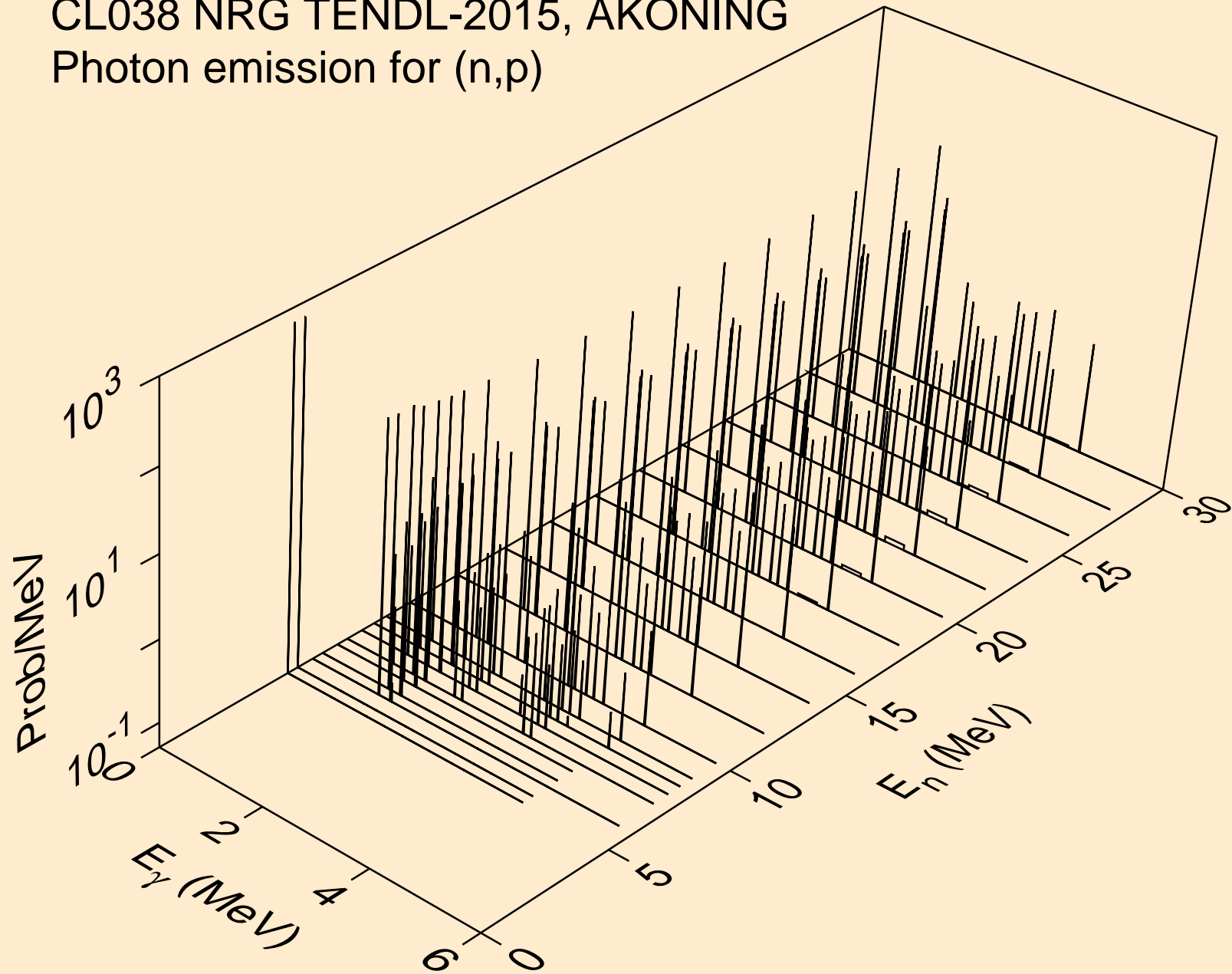
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



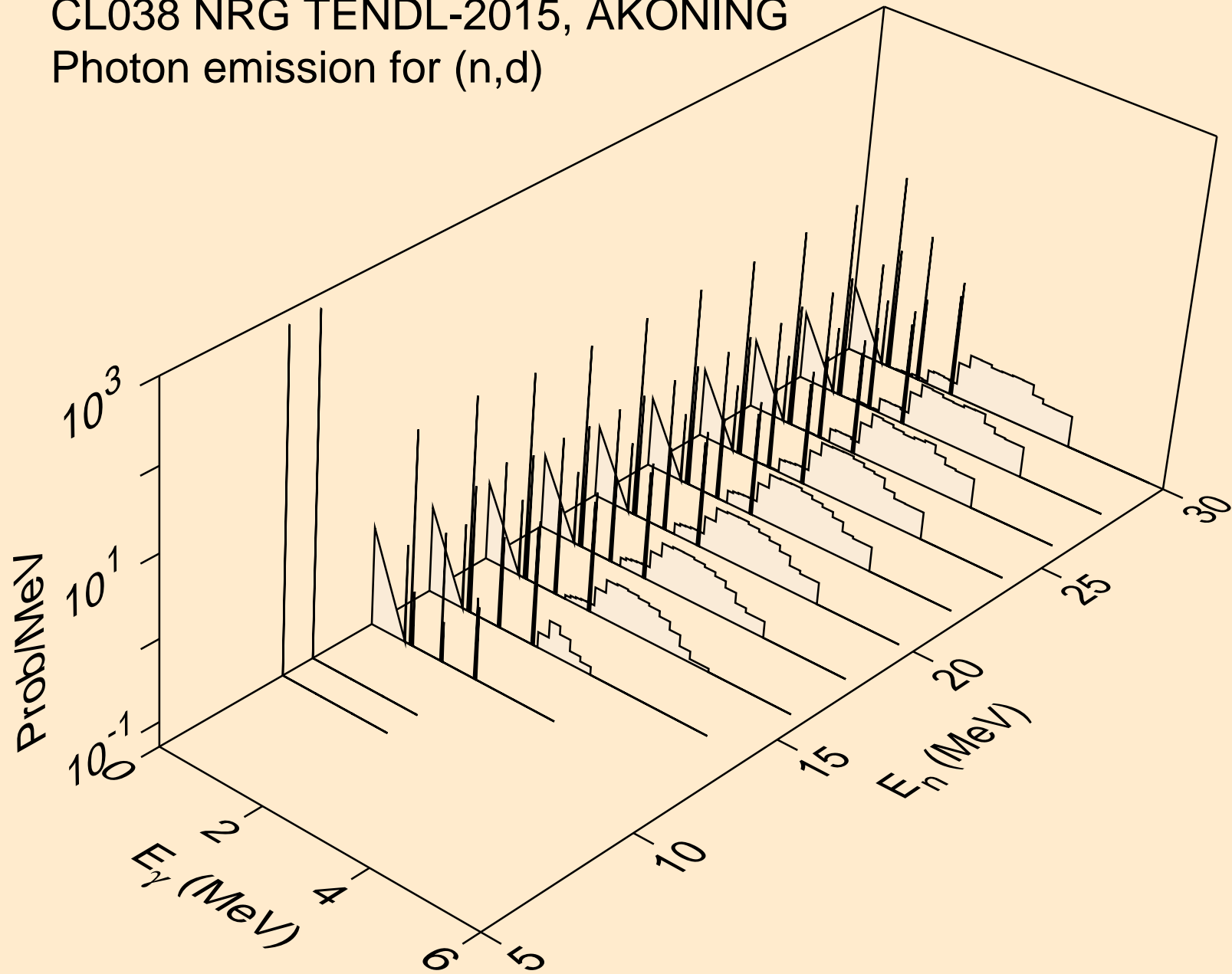
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



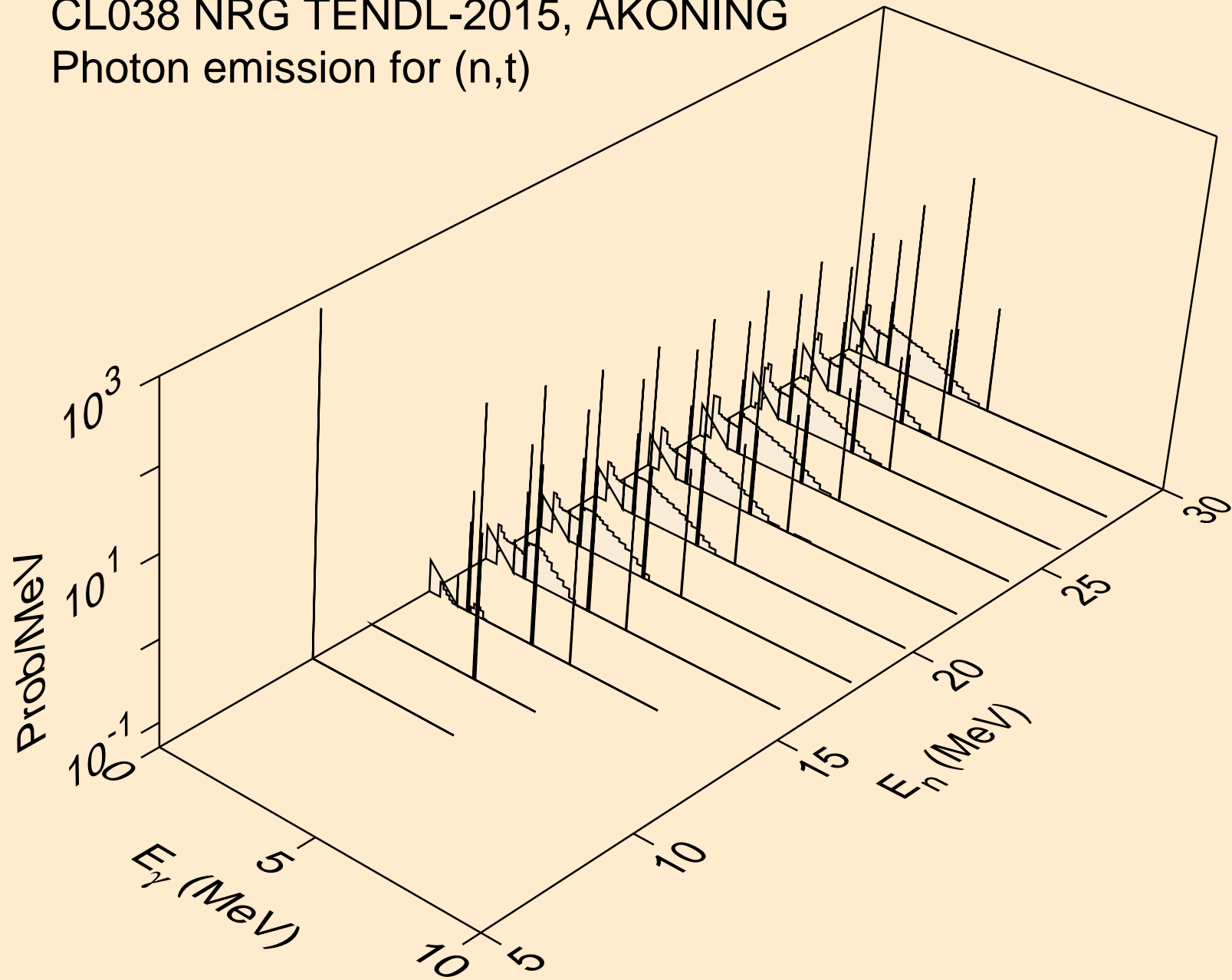
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



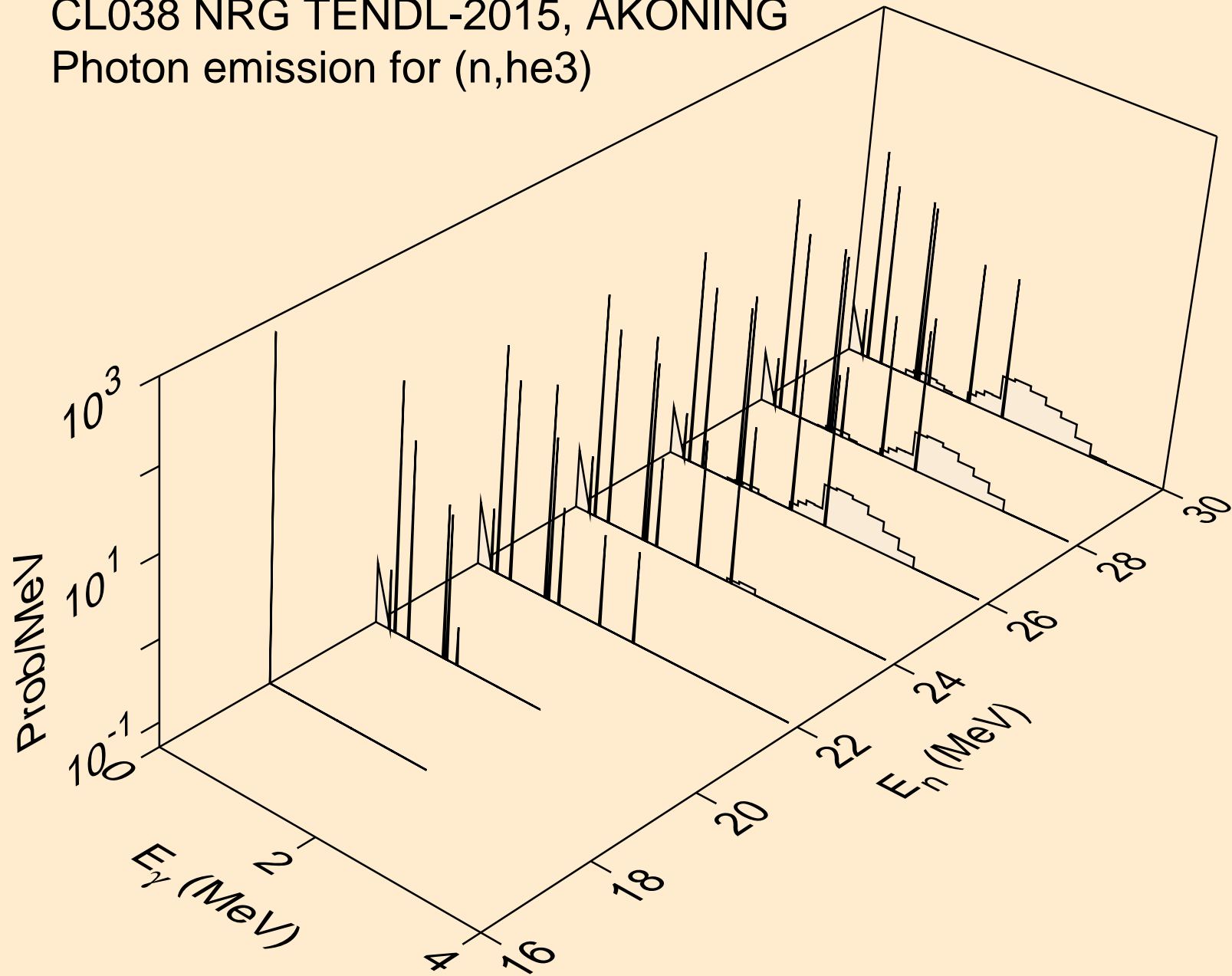
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

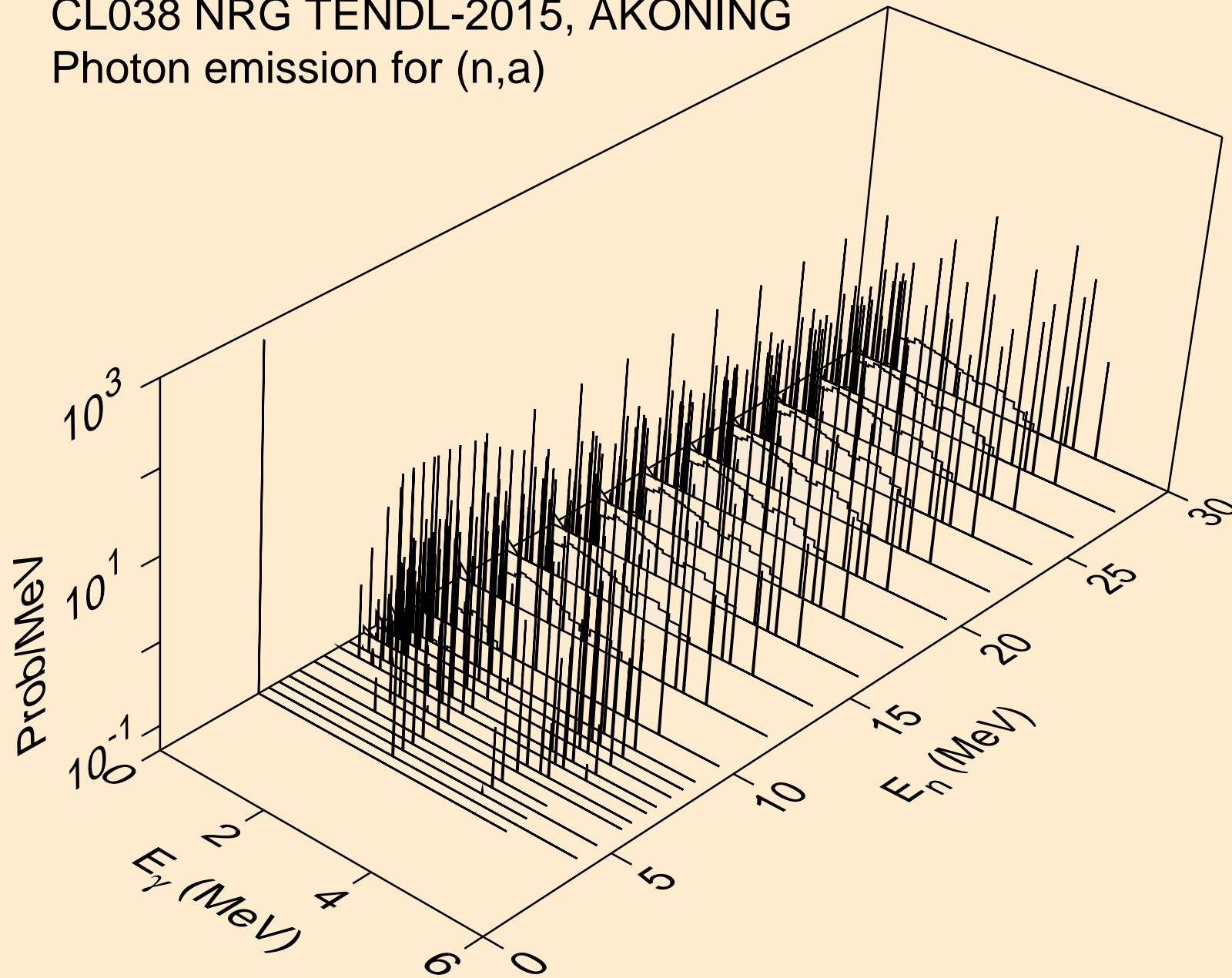


CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

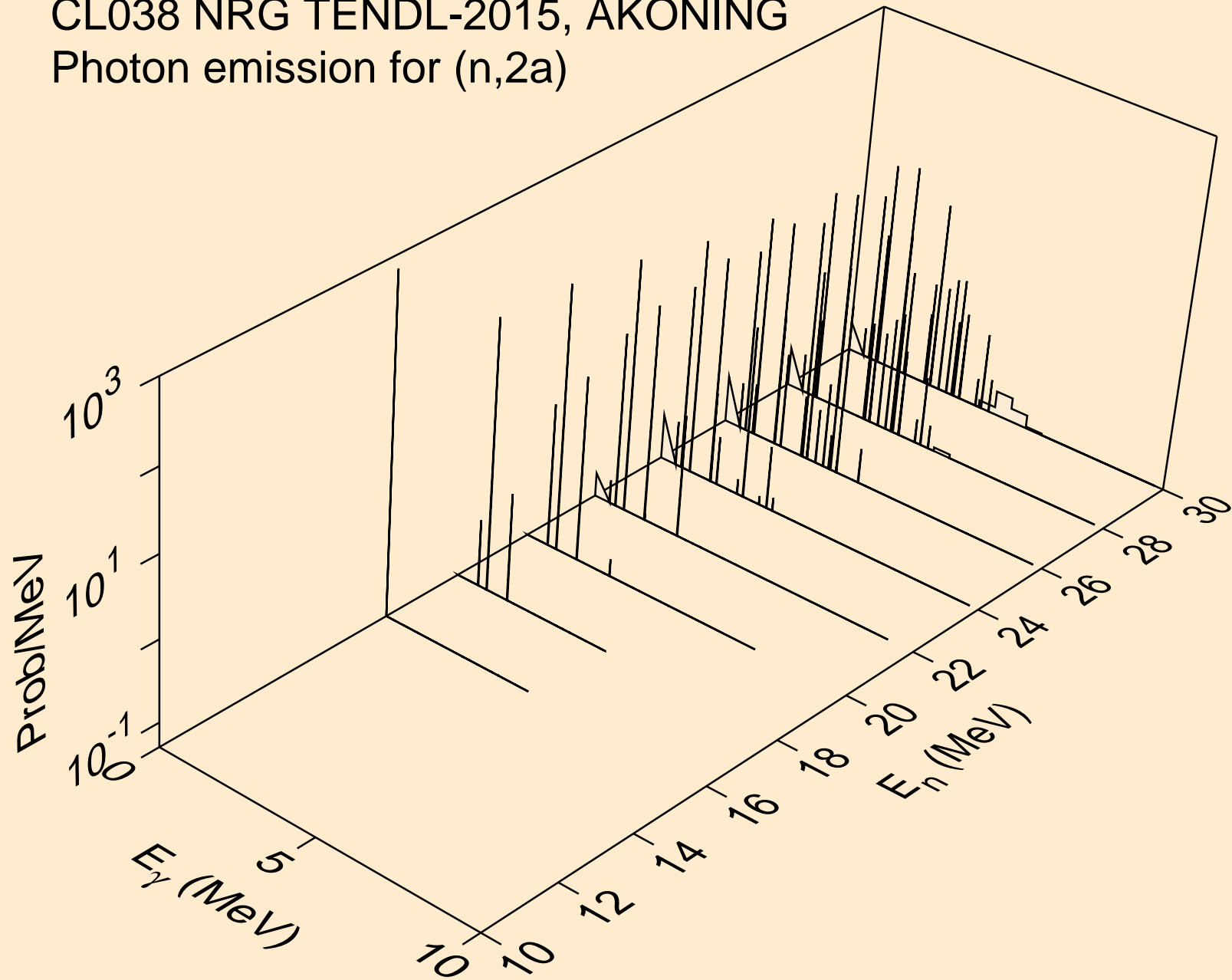




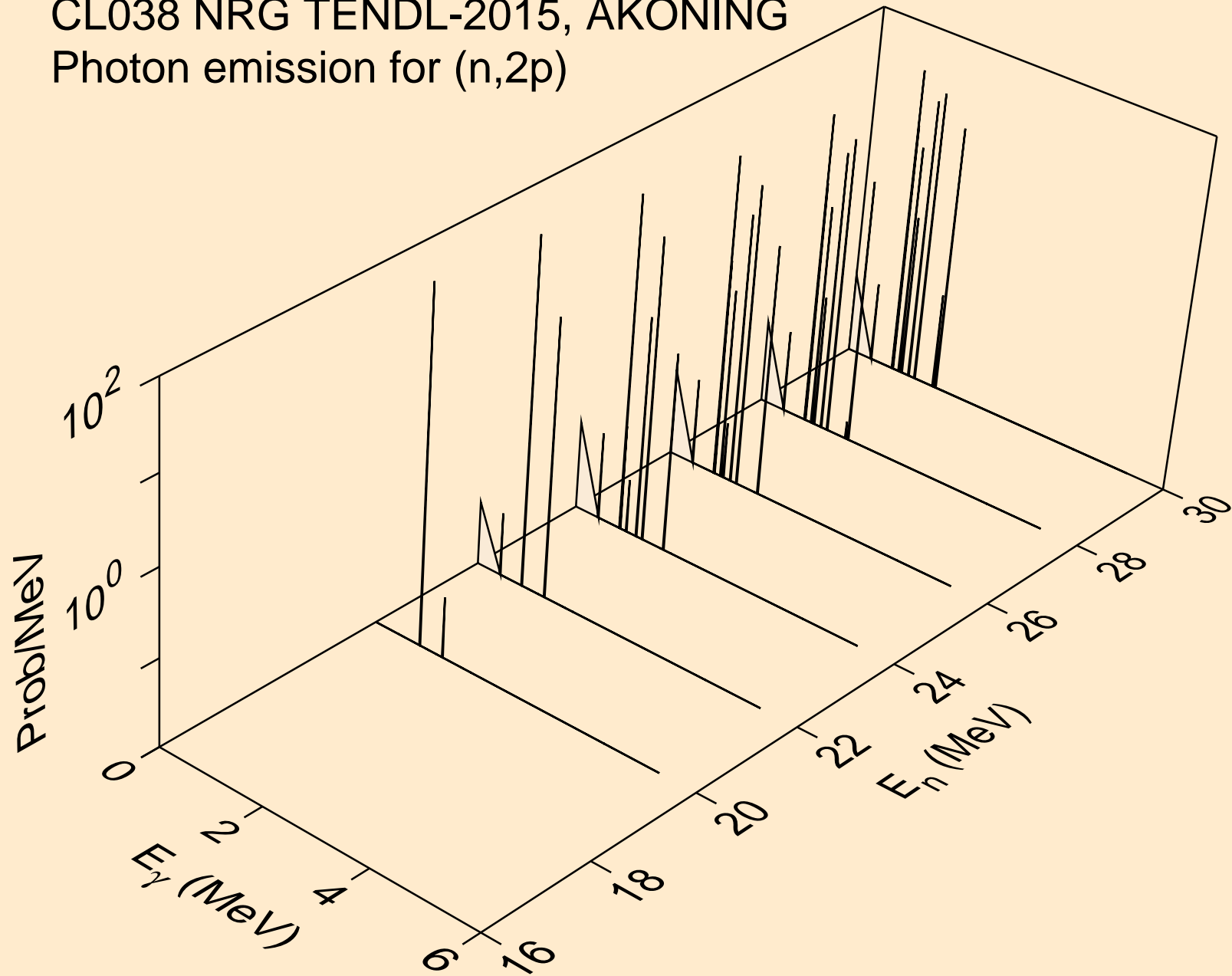
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



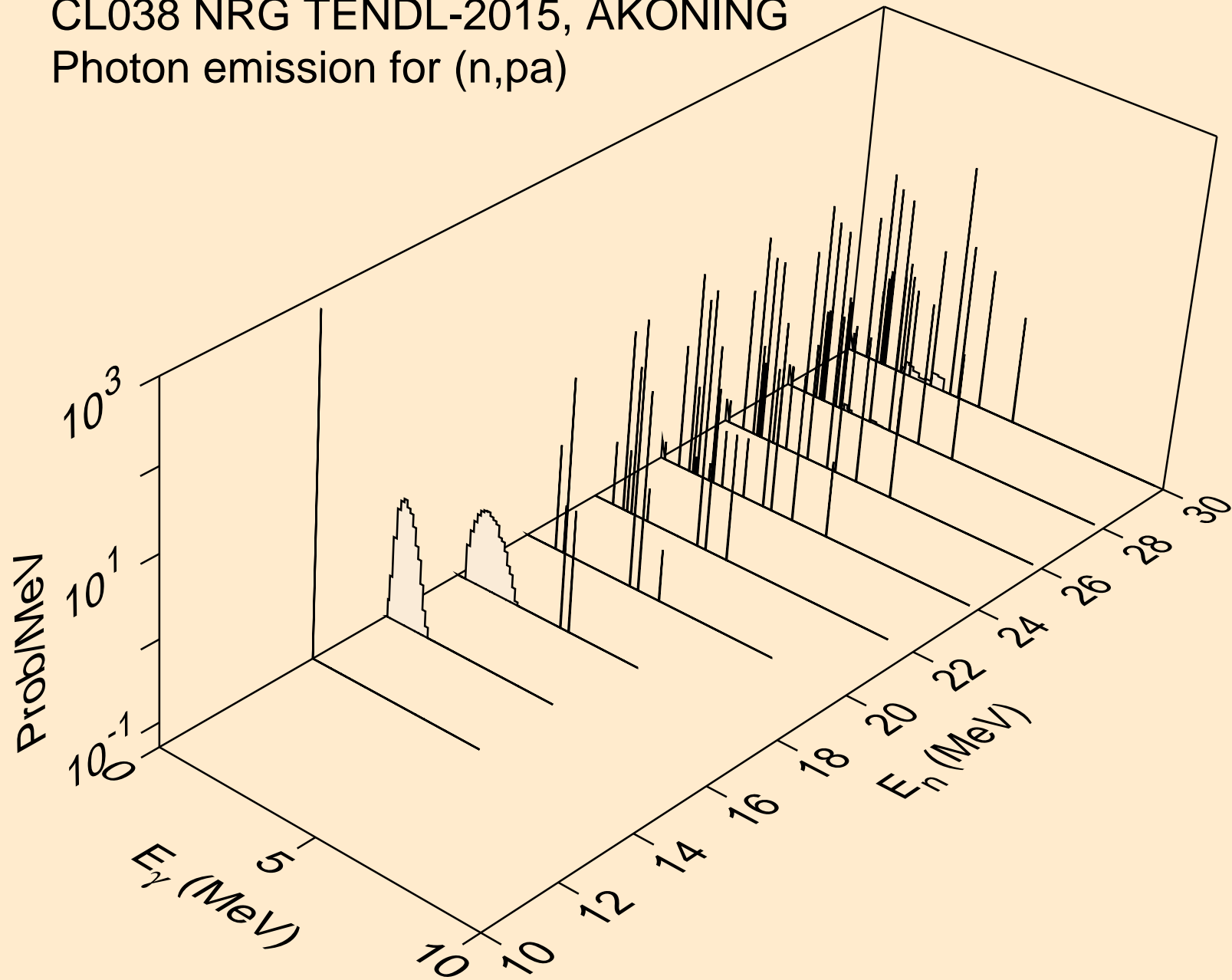
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



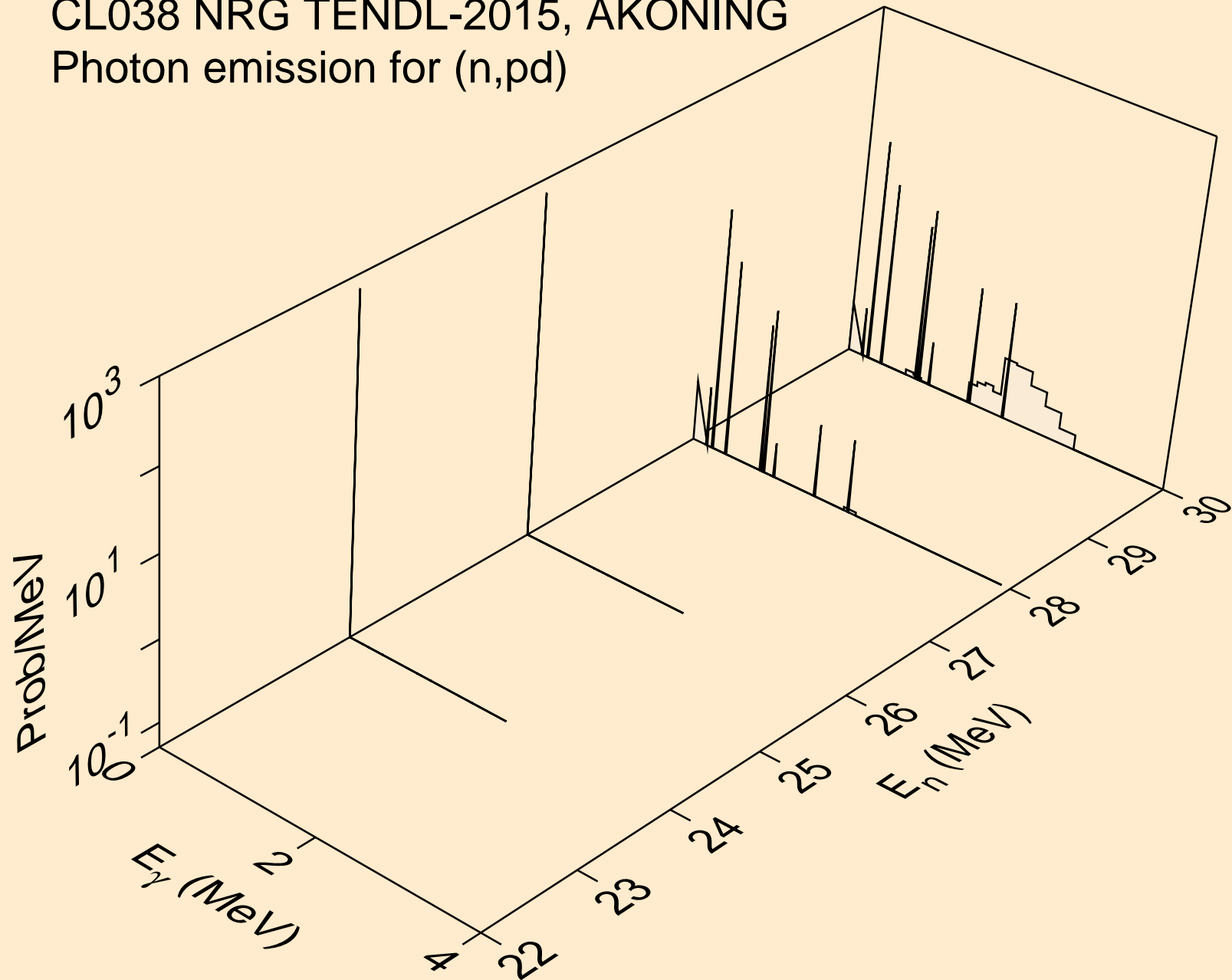
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Photon emission for (n,2p)



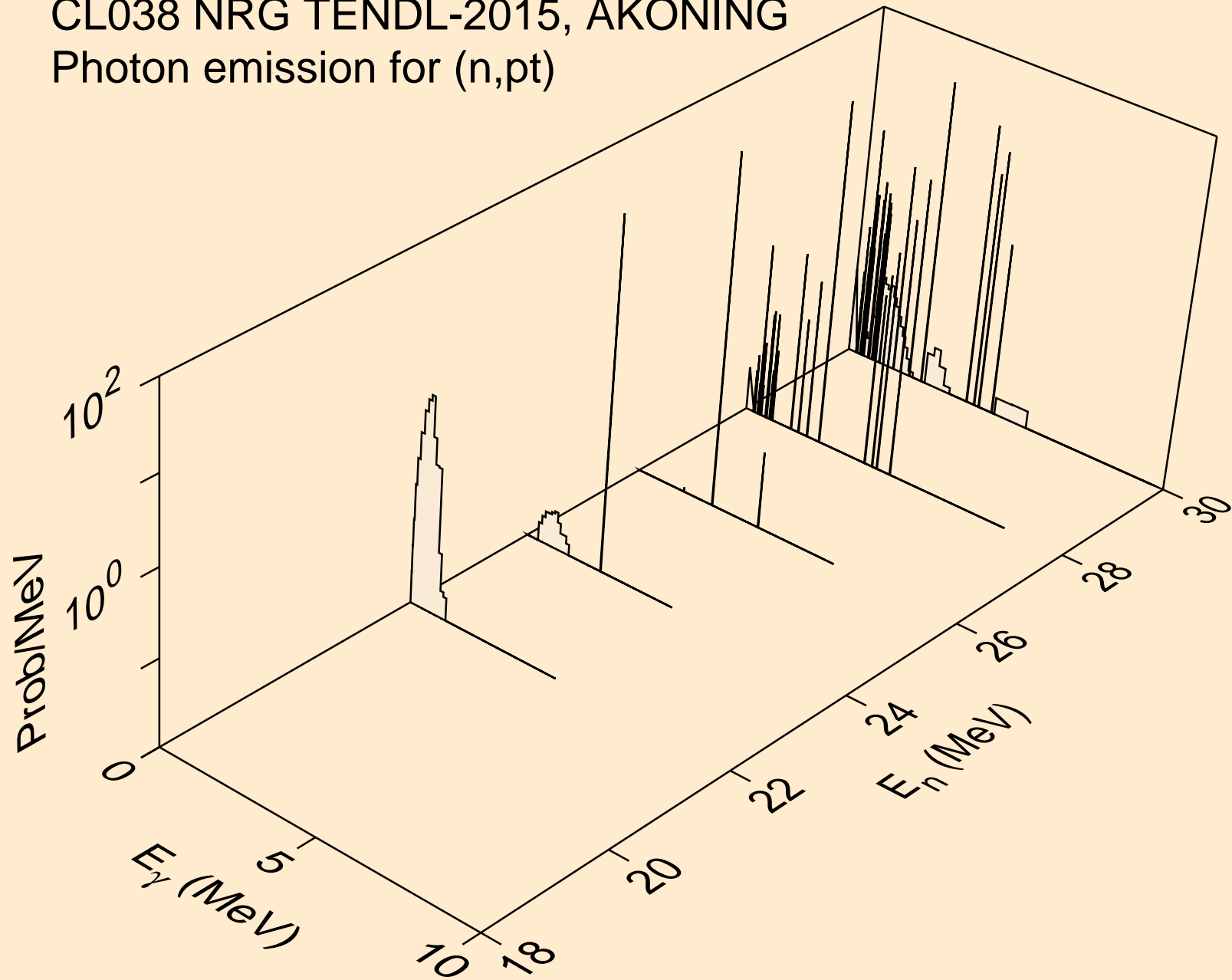
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Photon emission for (n,p)



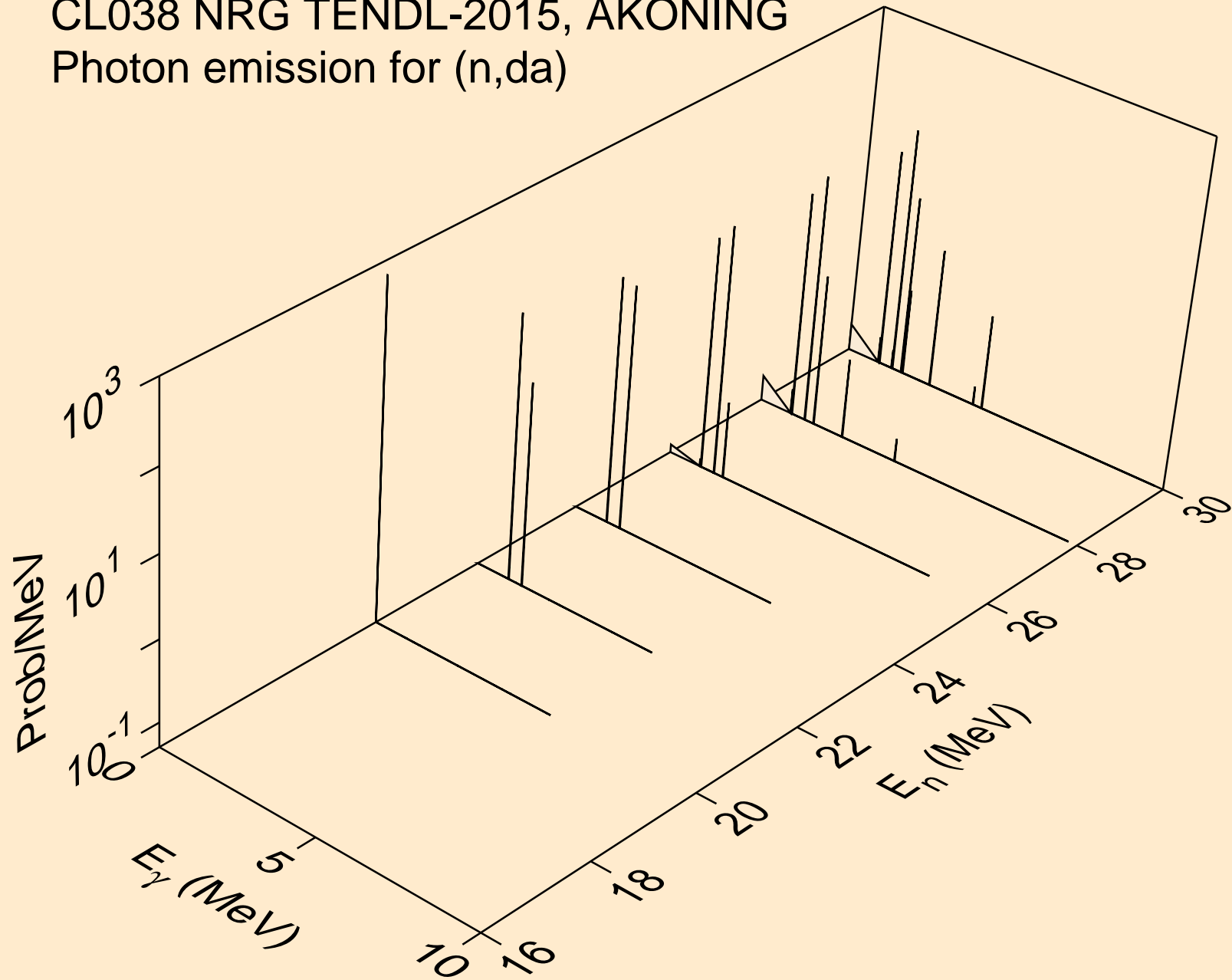
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



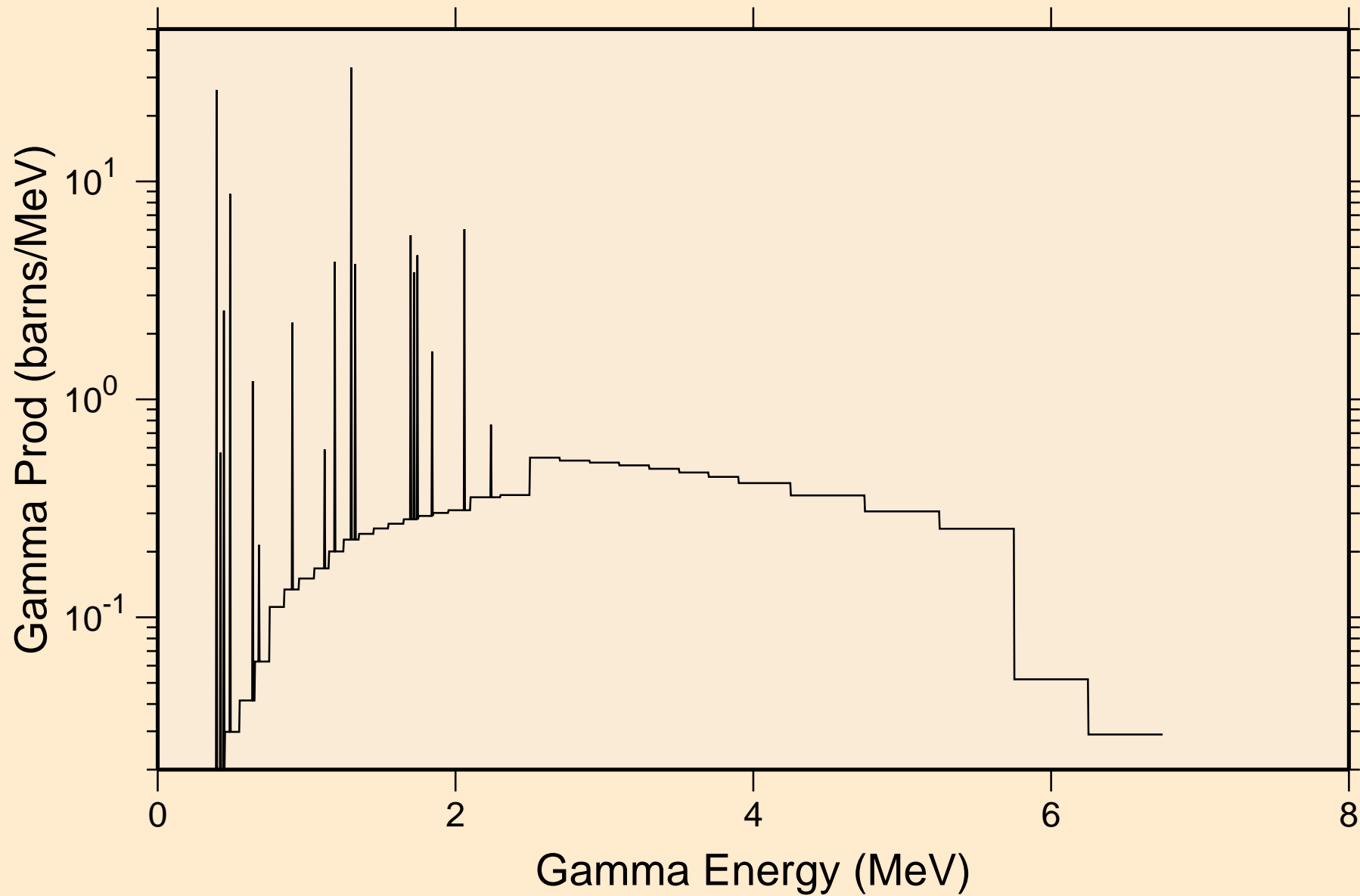
CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



CL038 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

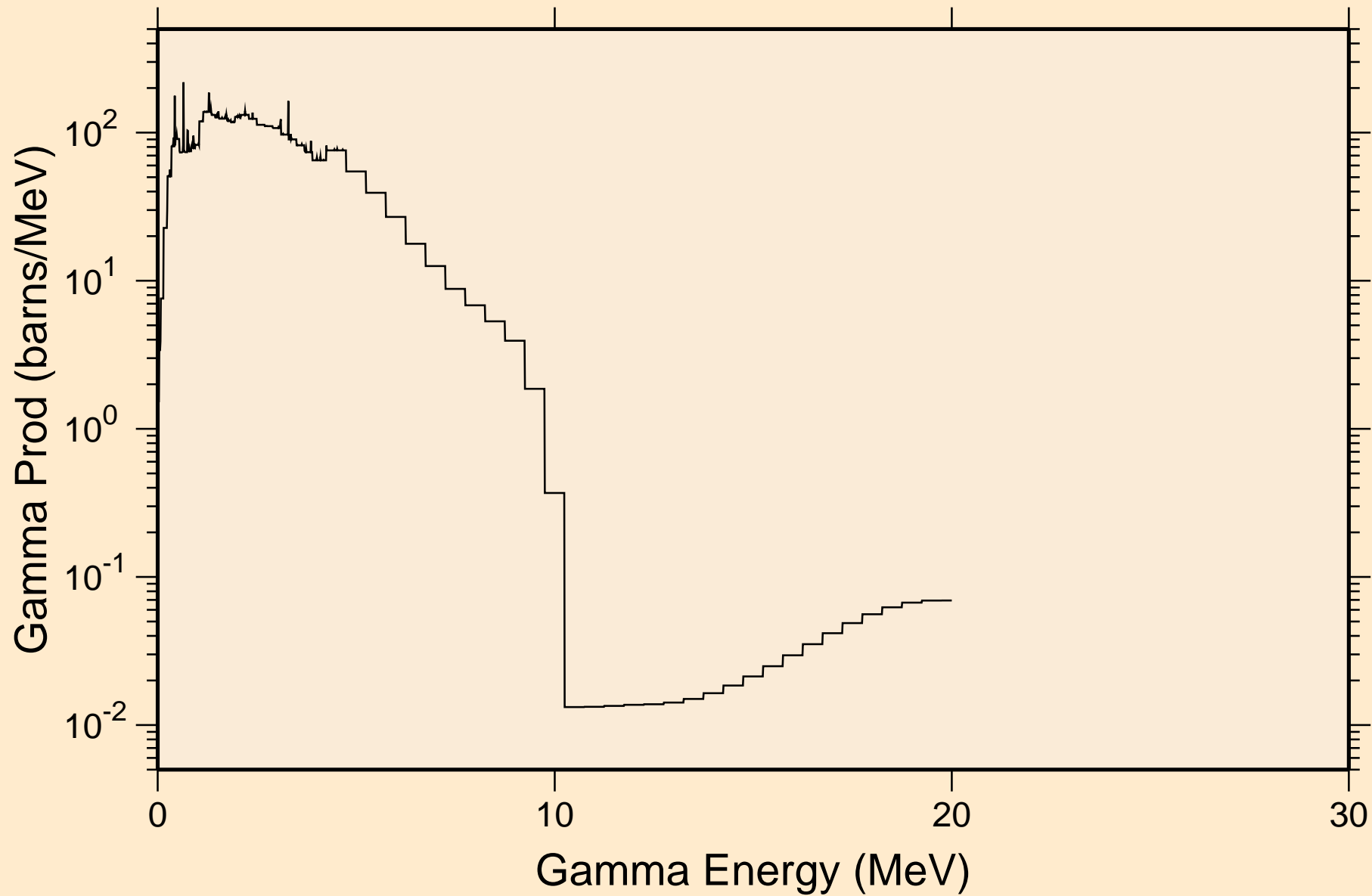


CL038 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



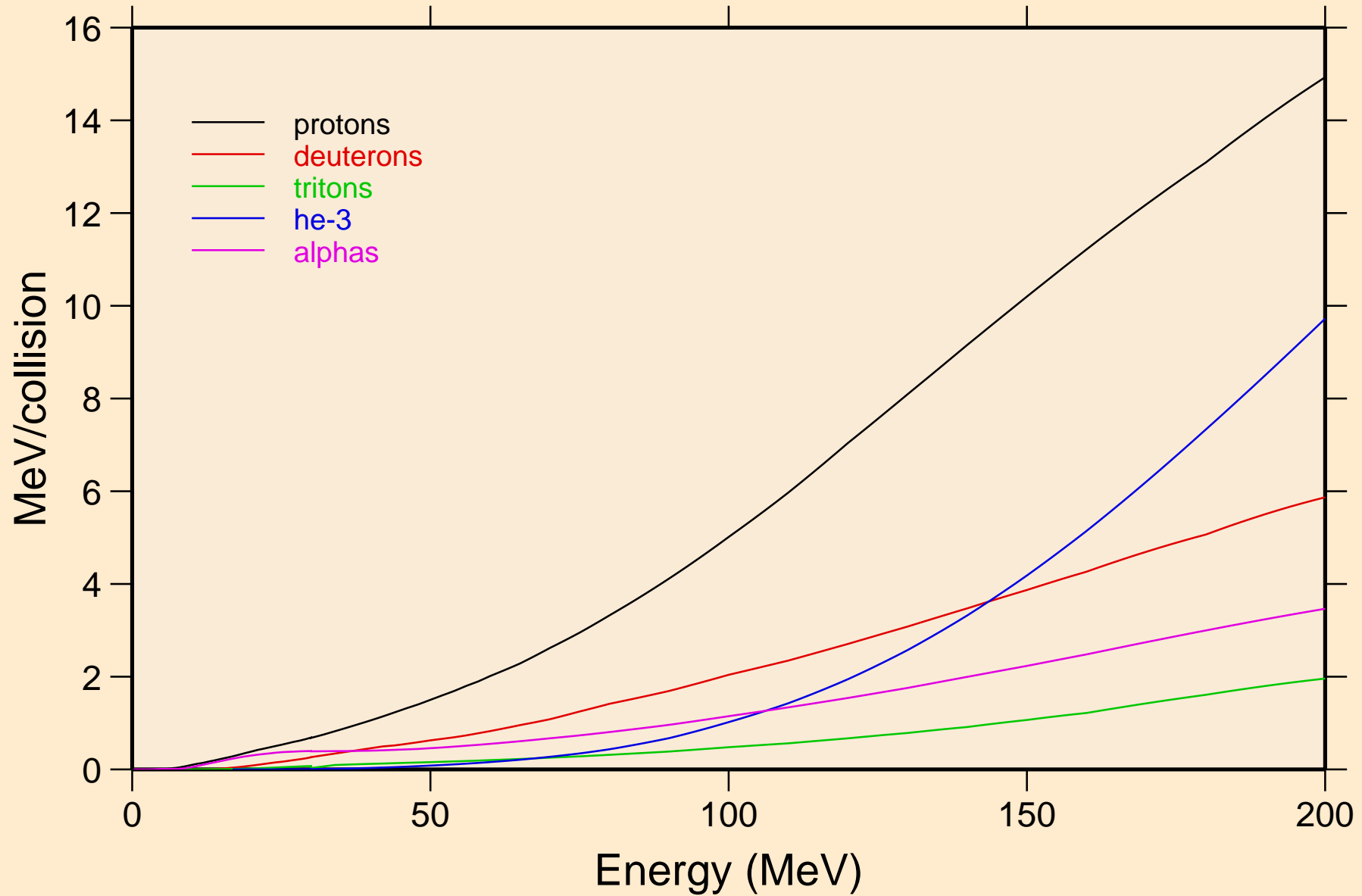


CL038 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



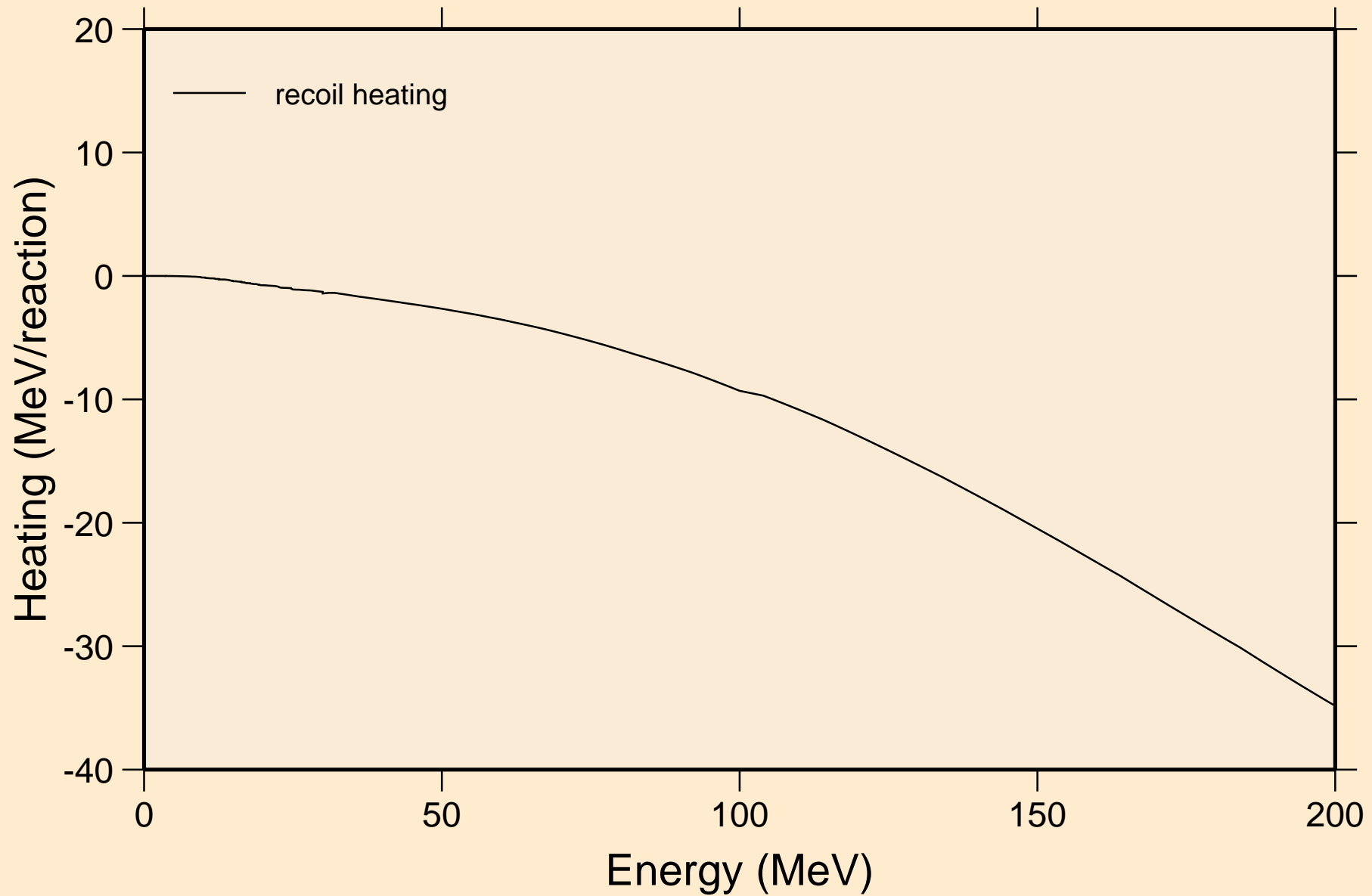
# CL038 NRG TENDL-2015, AKONING

## Particle heating contributions



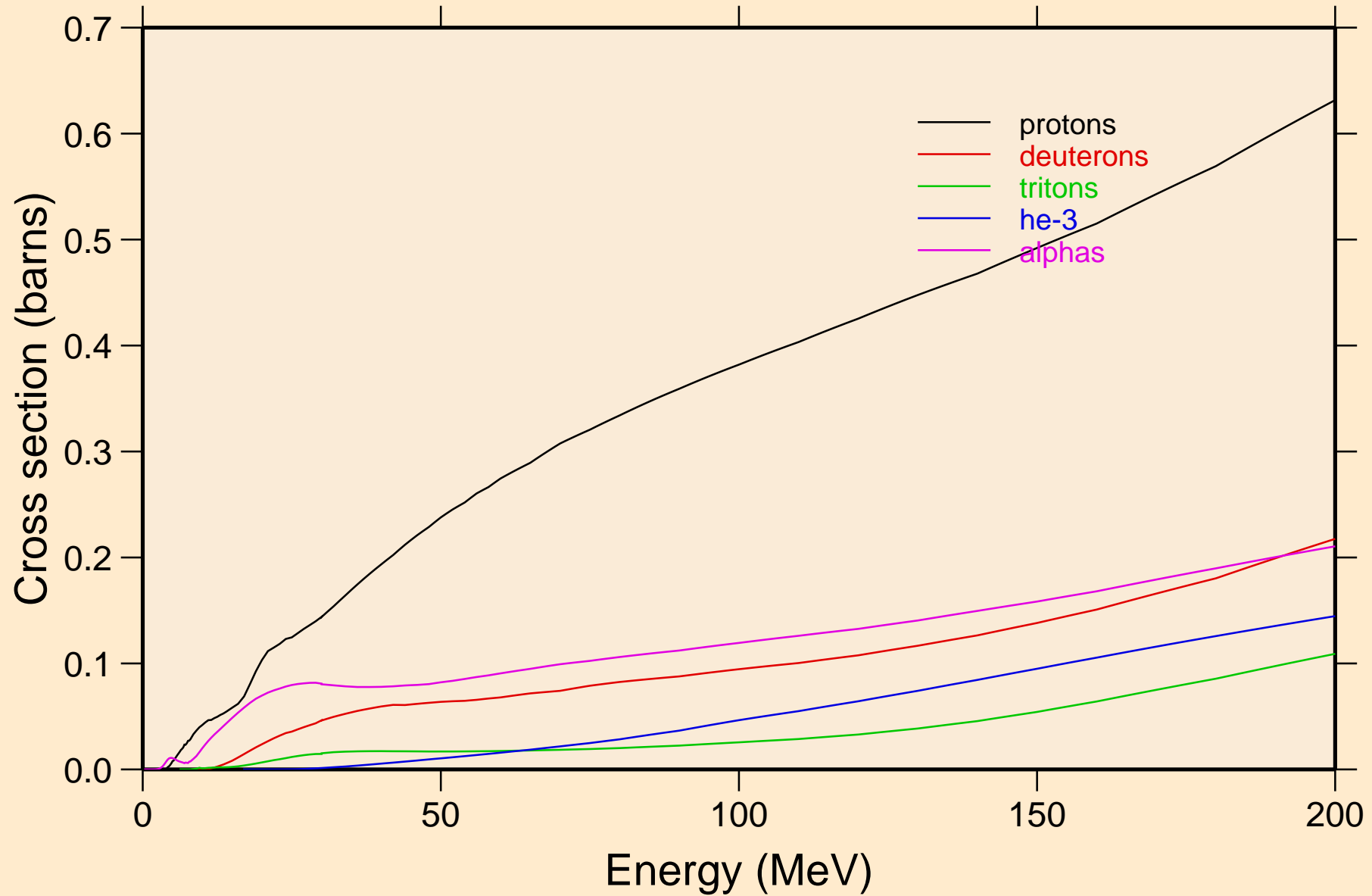
# CL038 NRG TENDL-2015, AKONING

## Recoil Heating

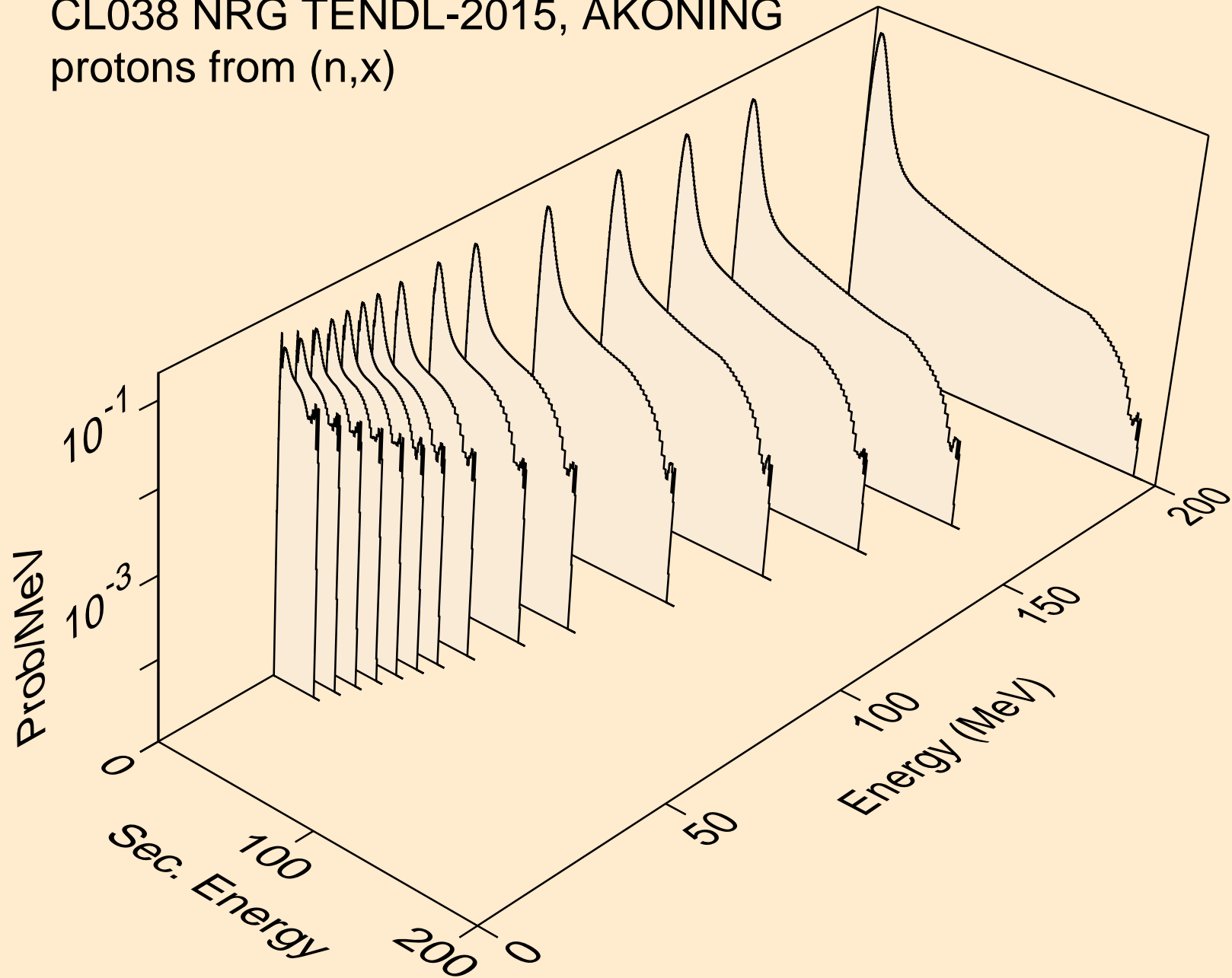


# CL038 NRG TENDL-2015, AKONING

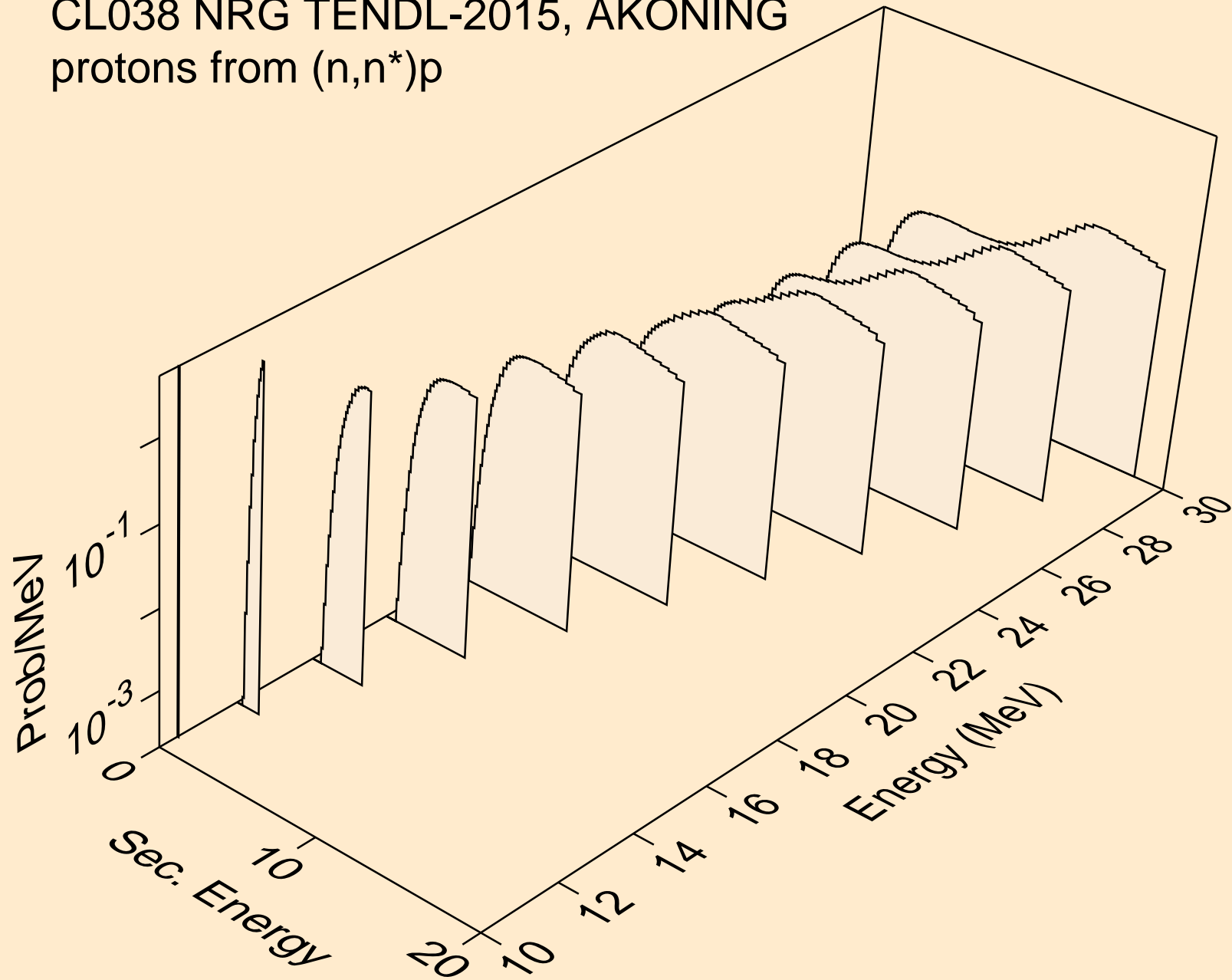
## Particle production cross sections



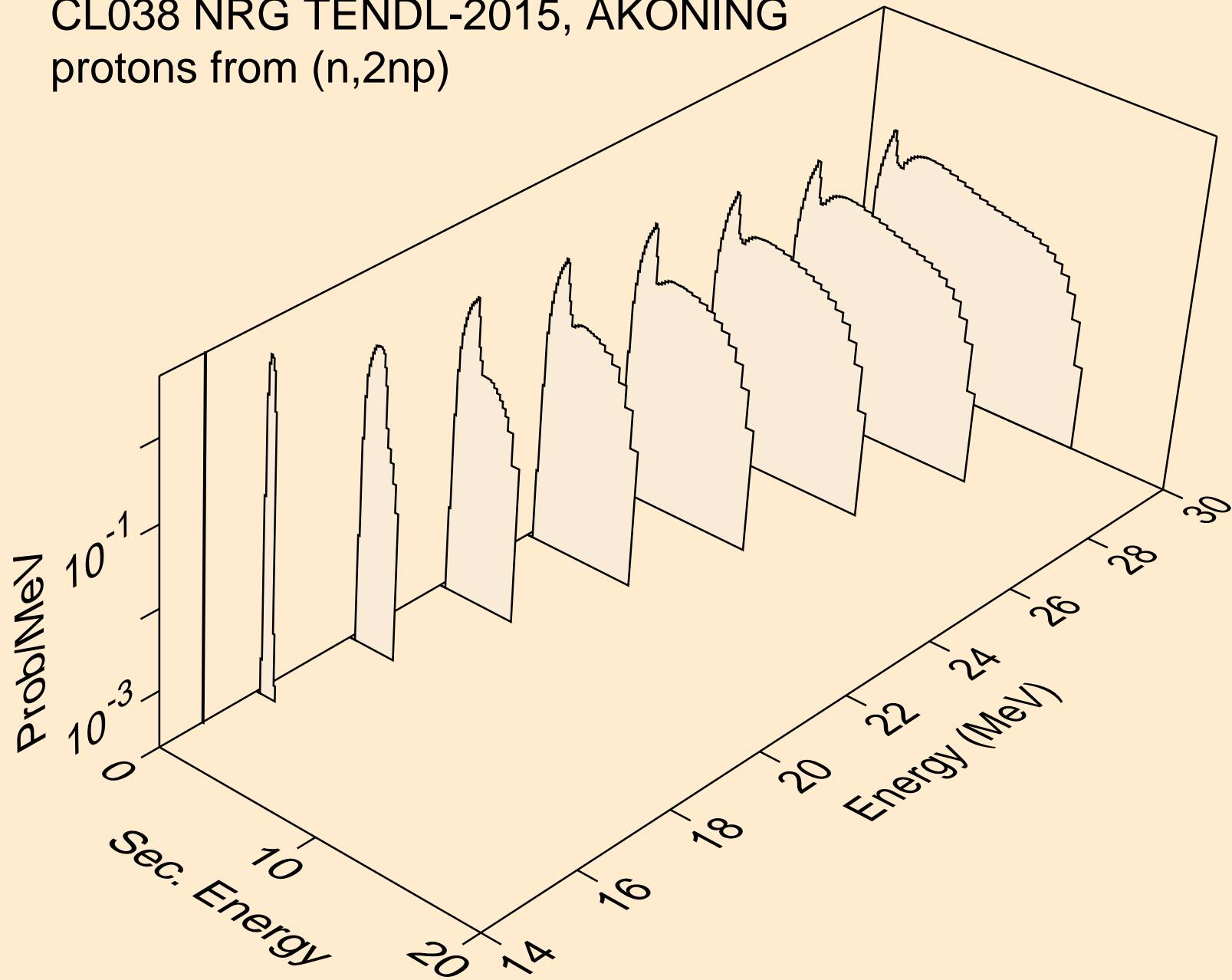
CL038 NRG TENDL-2015, AKONING  
protons from (n,x)



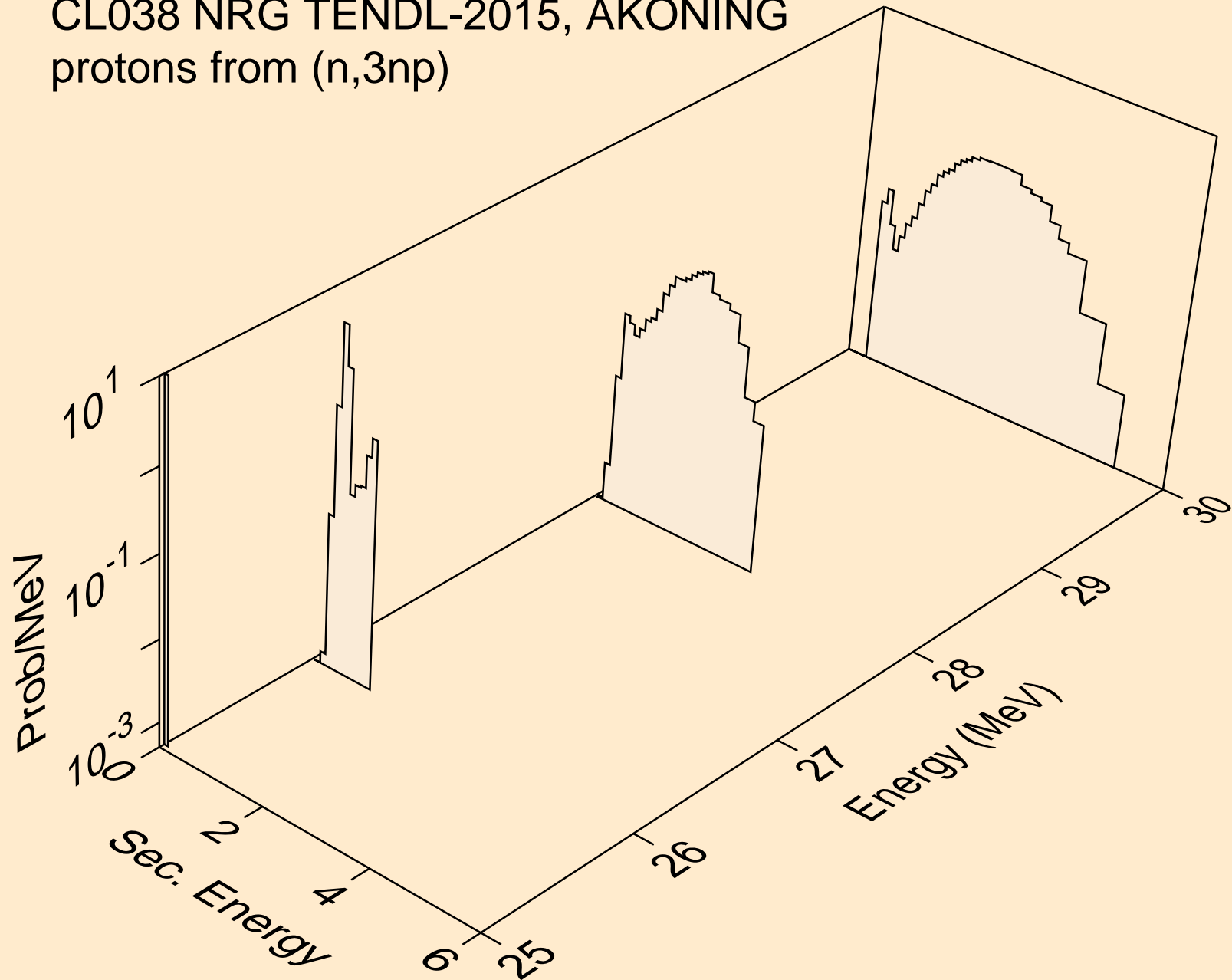
CL038 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



CL038 NRG TENDL-2015, AKONING  
protons from (n,2np)

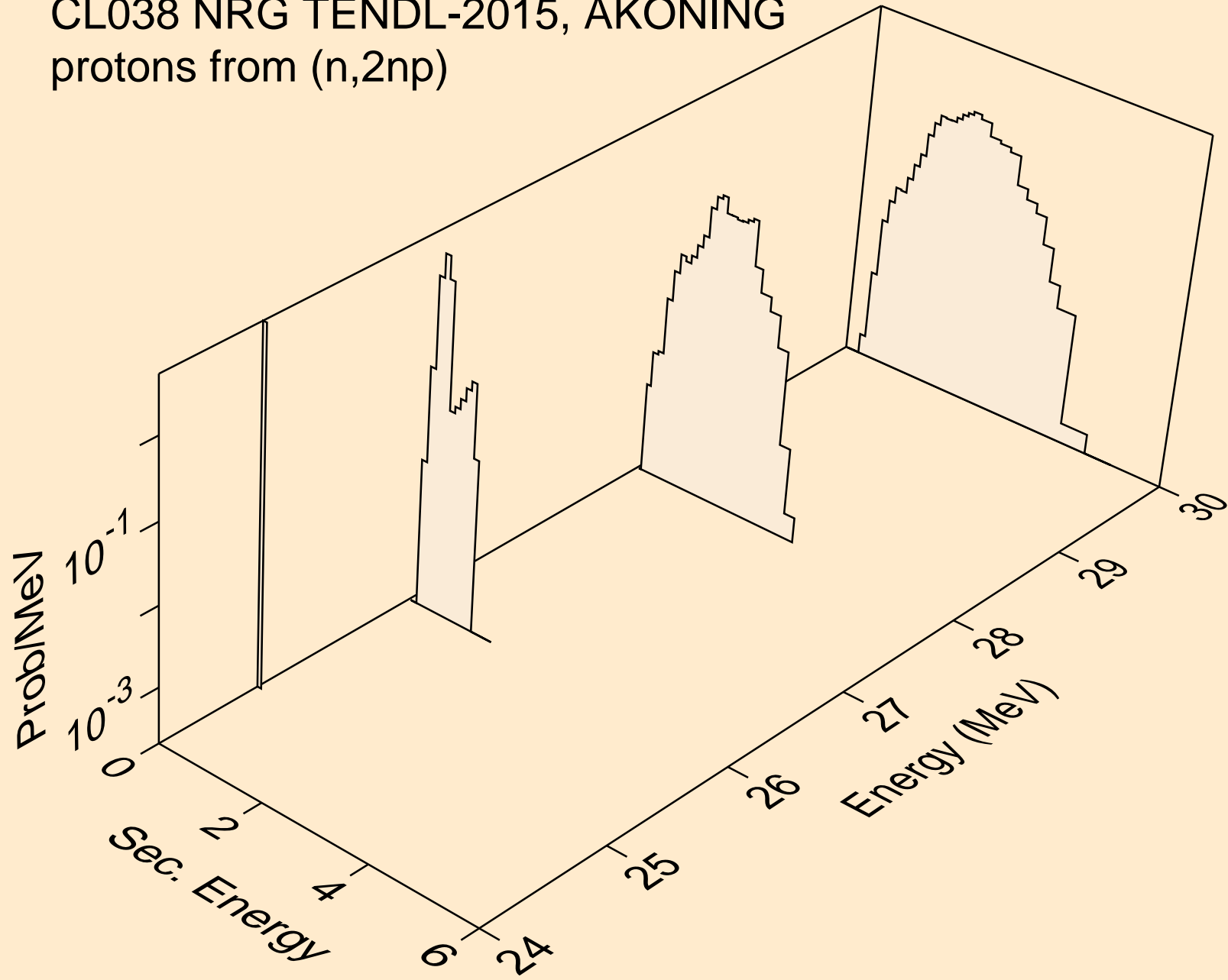


CL038 NRG TENDL-2015, AKONING  
protons from (n,3np)

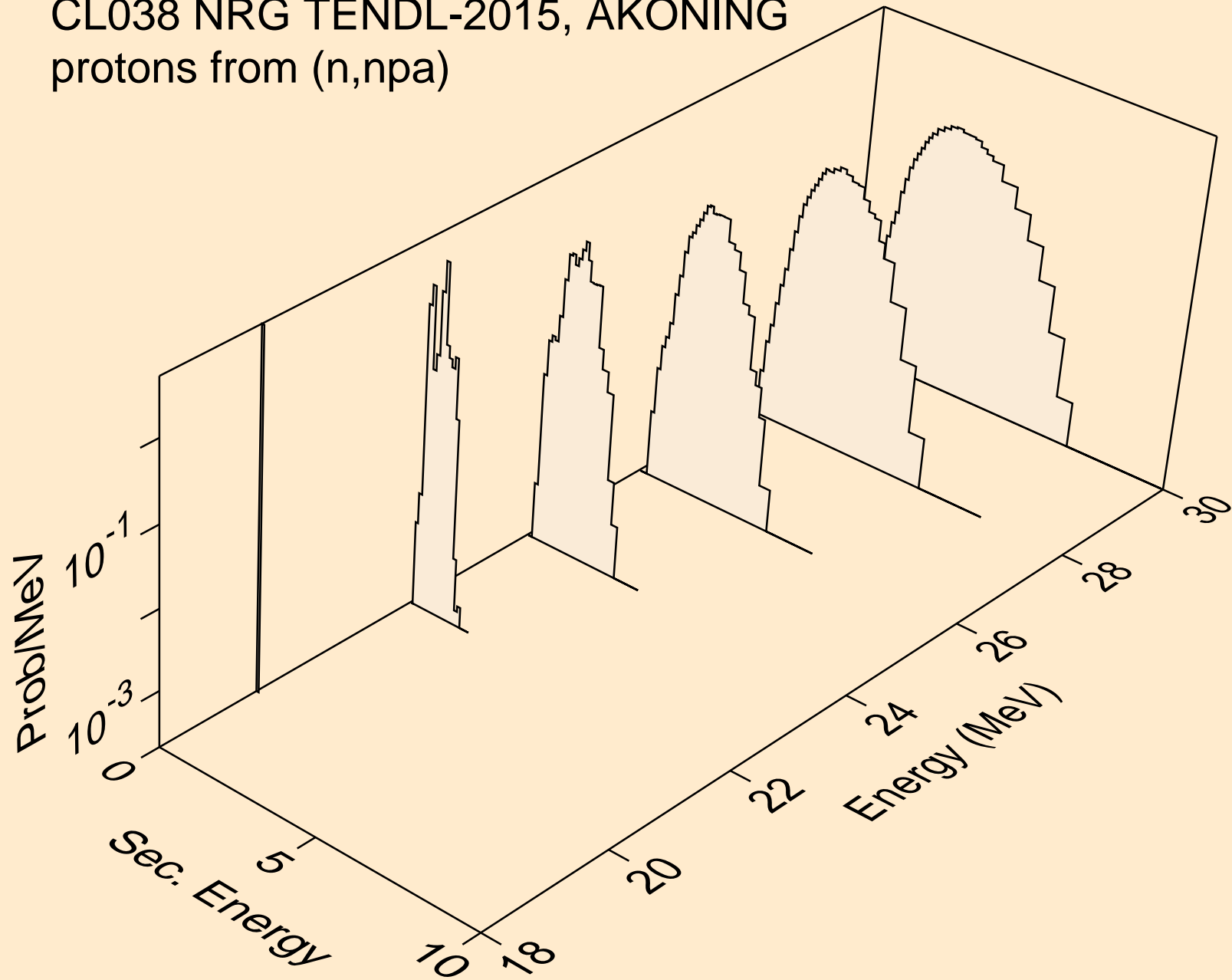




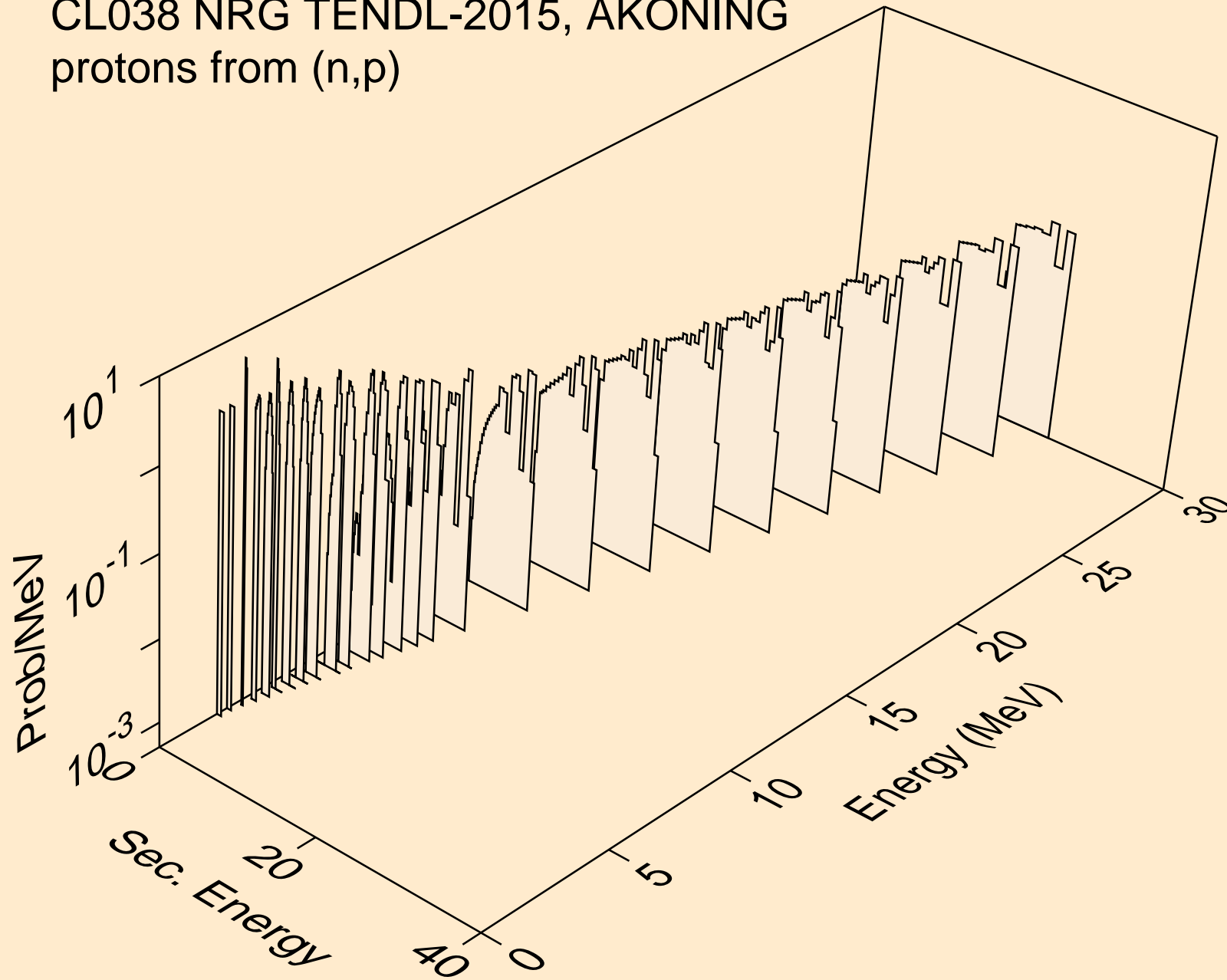
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protons from (n,2np)



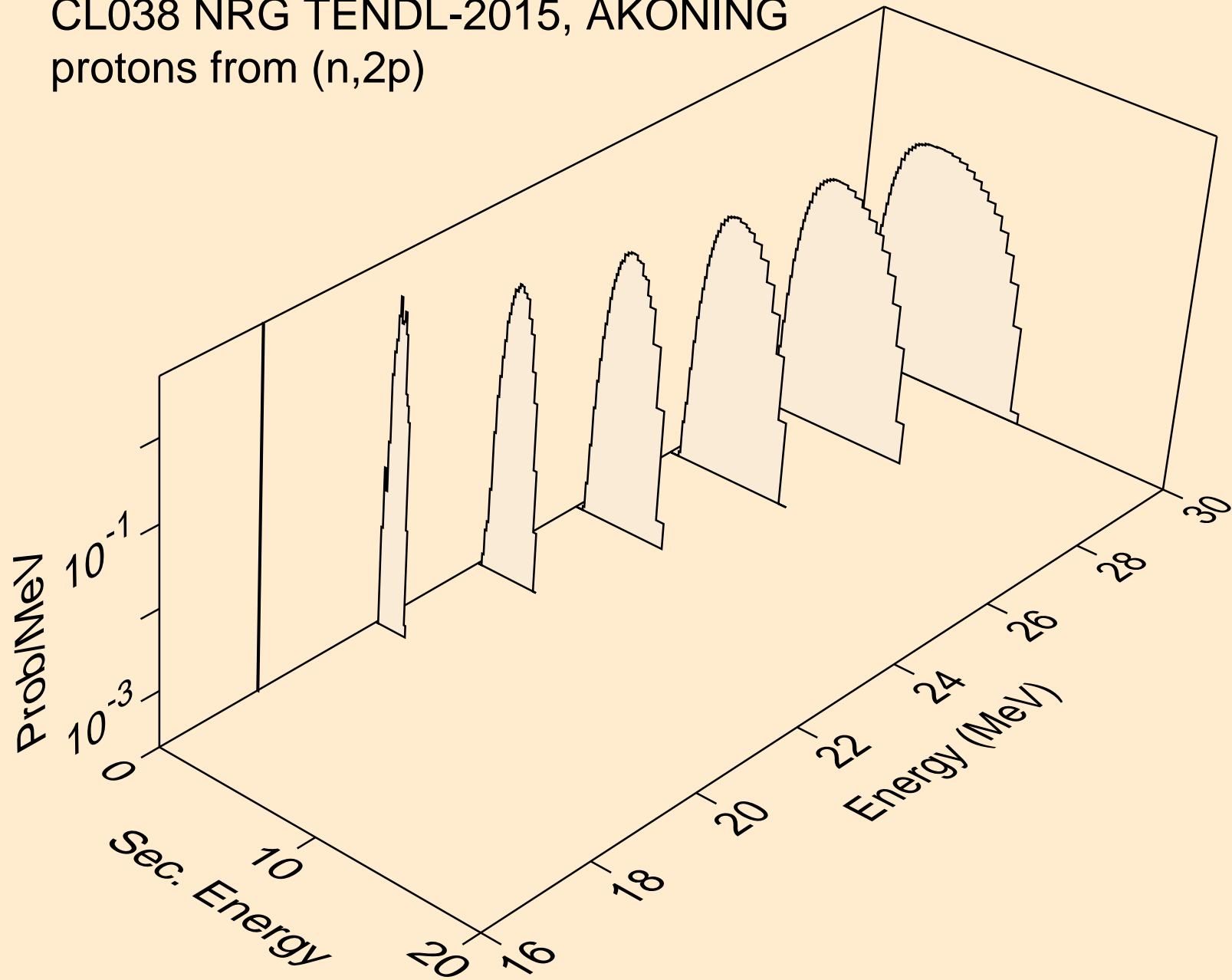
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protons from (n,npa)



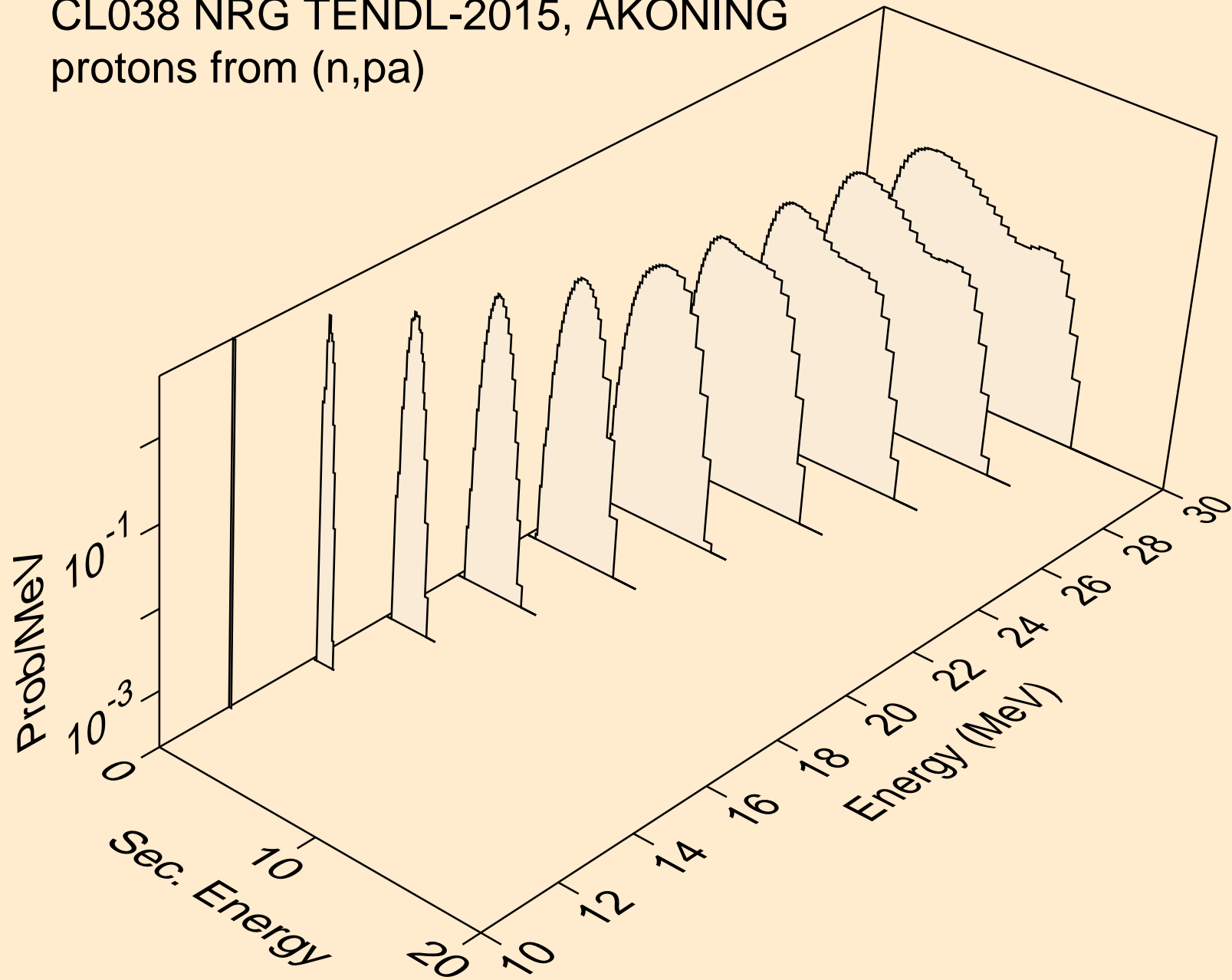
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protons from (n,p)



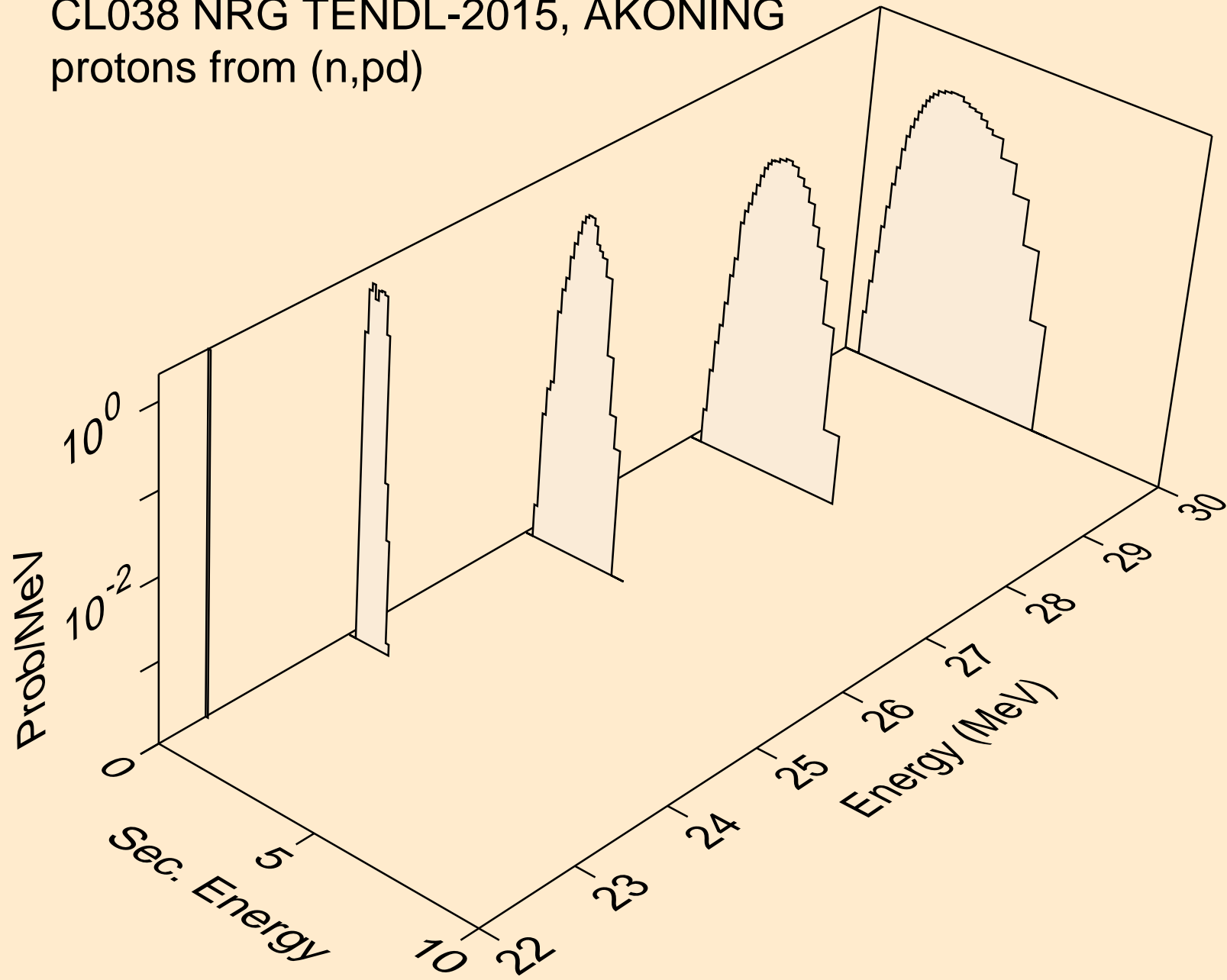
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protons from (n,2p)



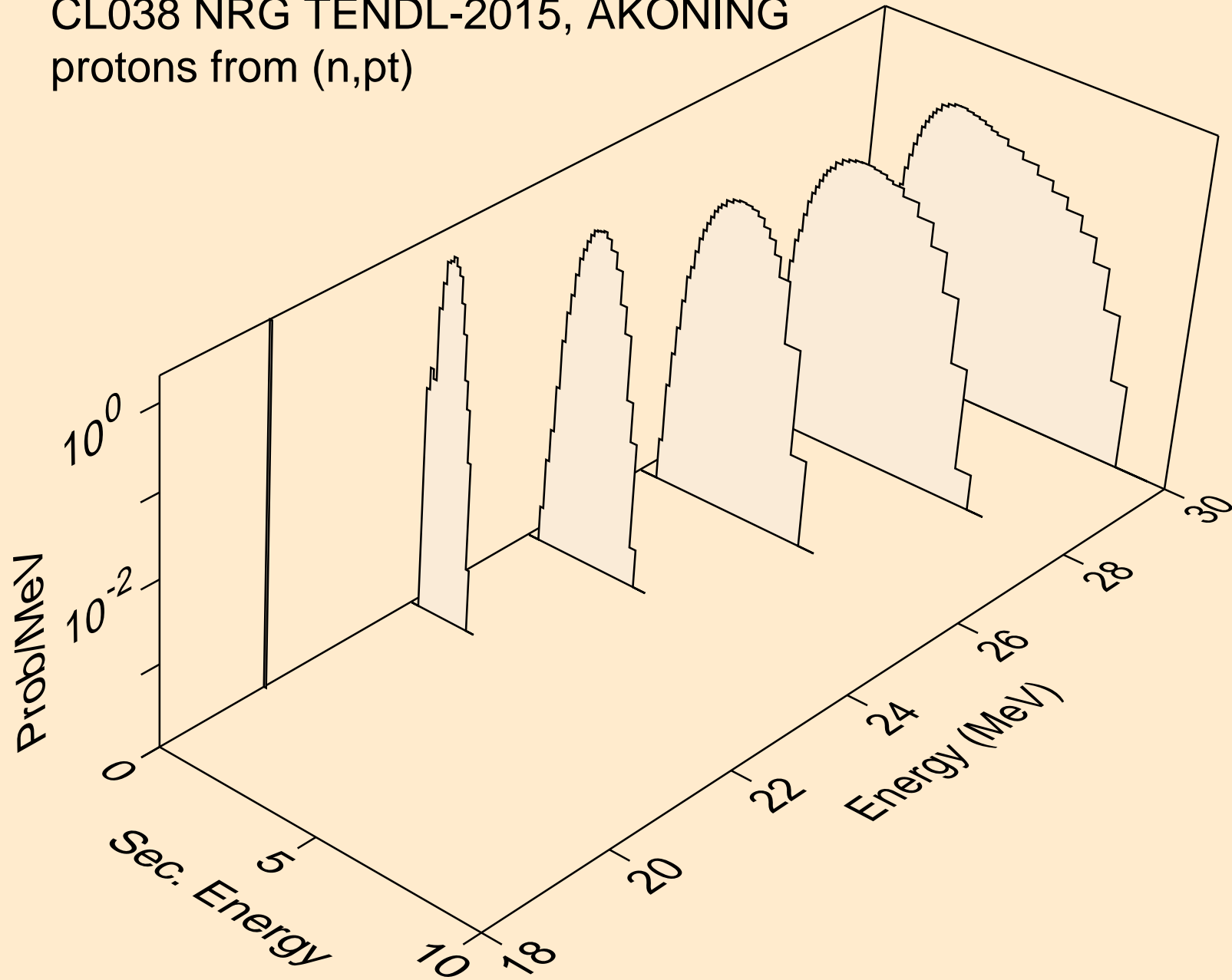
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protons from (n,pa)



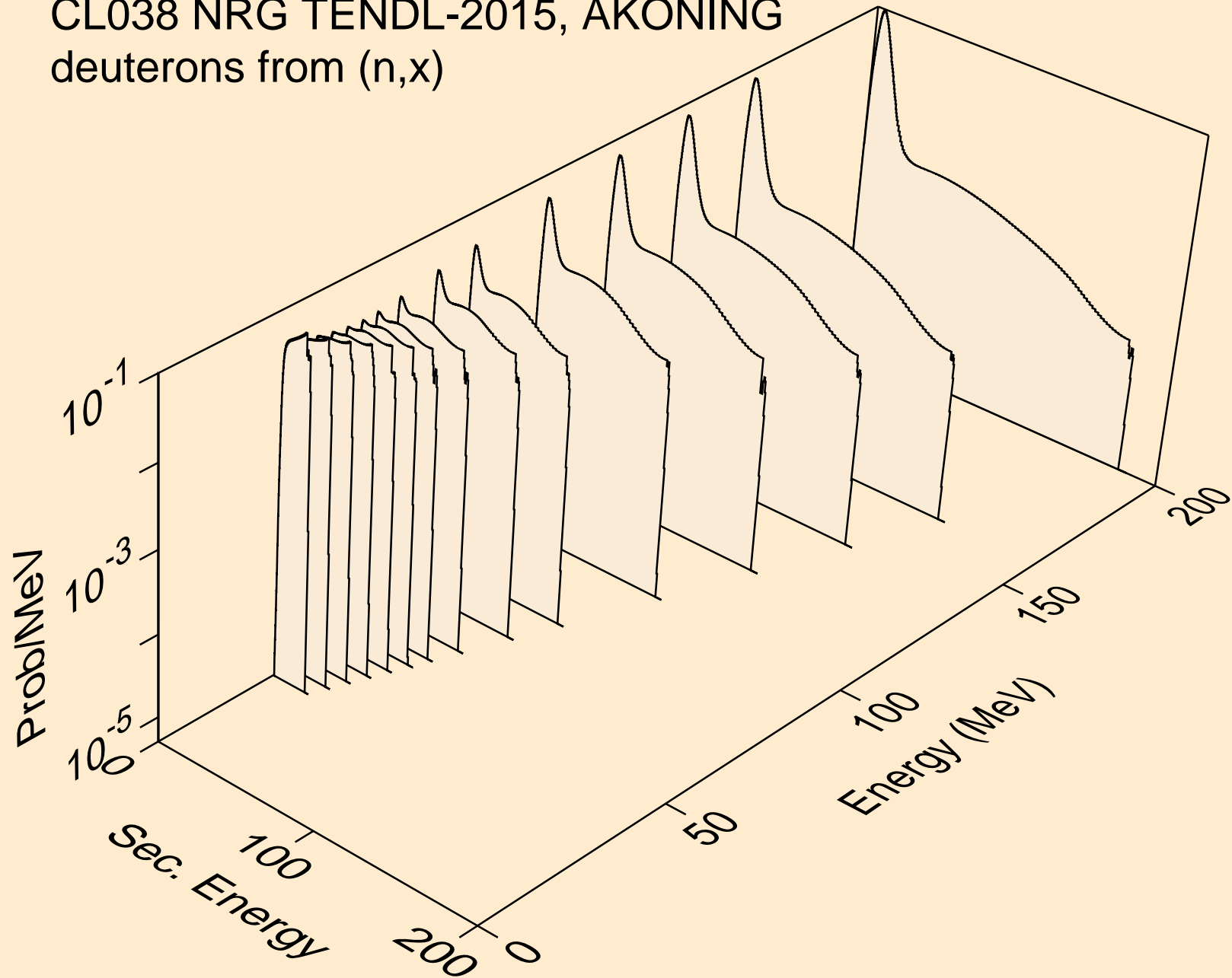
CL038 NRG TENDL-2015, AKONING  
protons from (n,pd)



CL038 NRG TENDL-2015, AKONING  
protons from (n,pt)

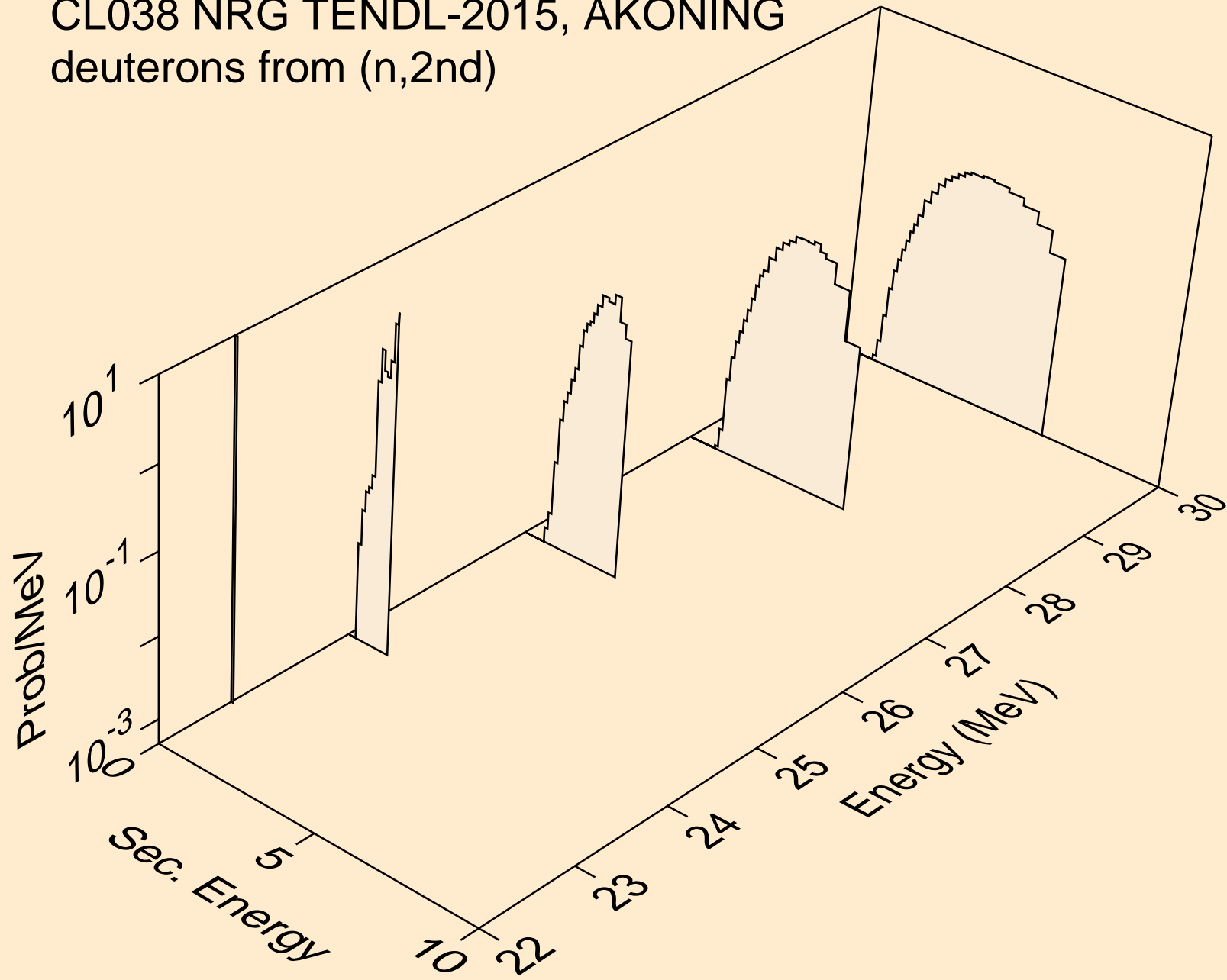


CL038 NRG TENDL-2015, AKONING  
deuterons from (n,x)

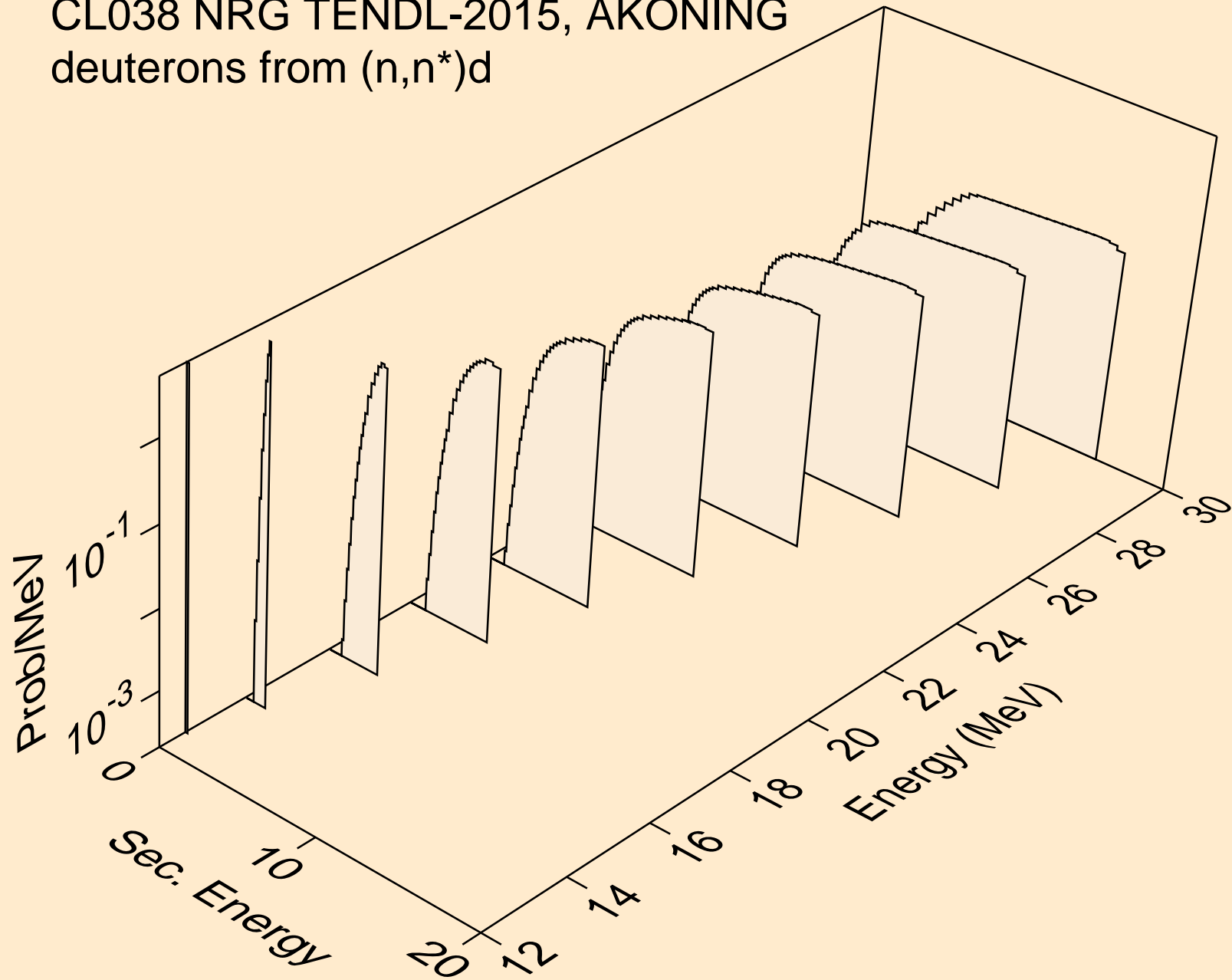




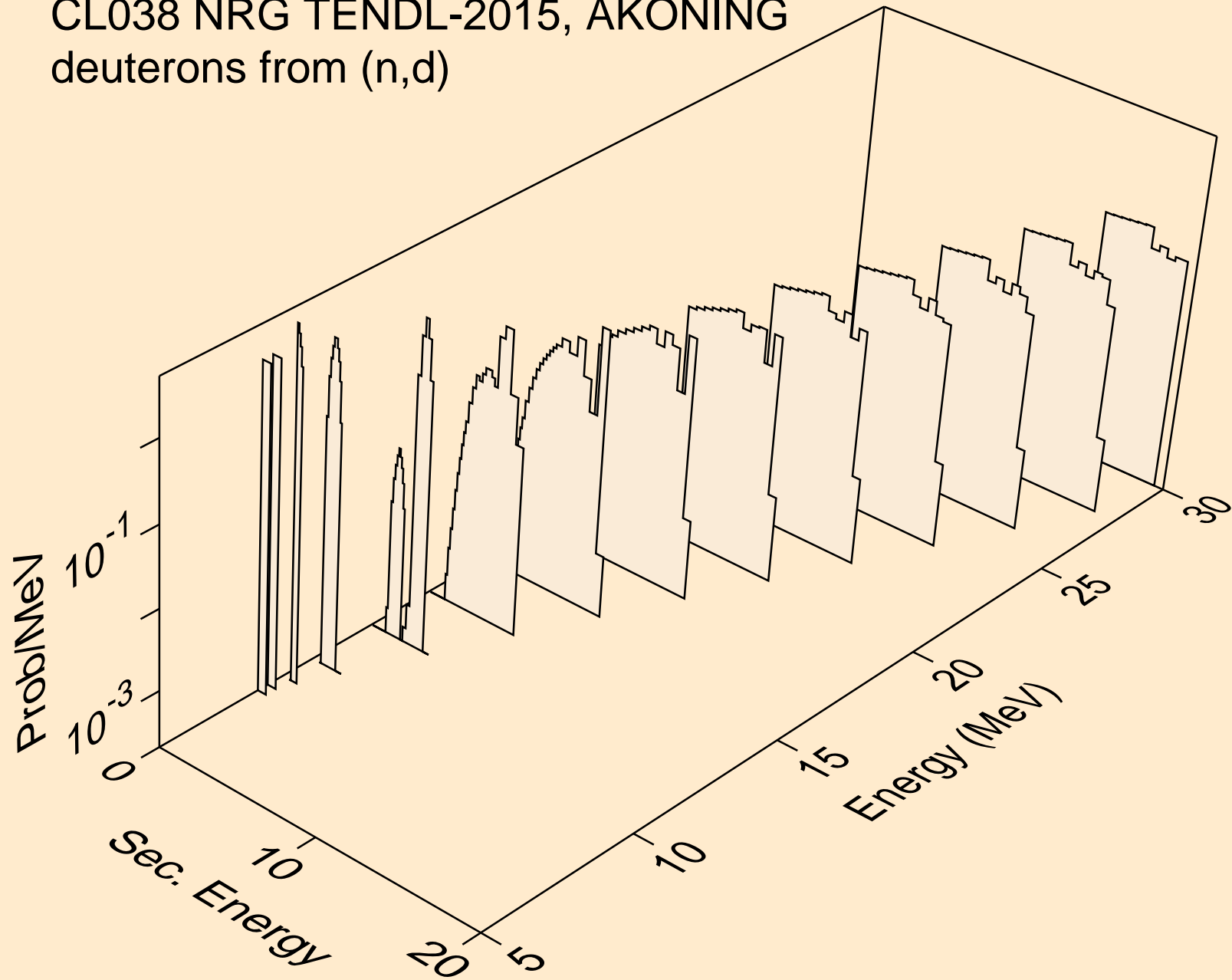
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deuterons from (n,2nd)



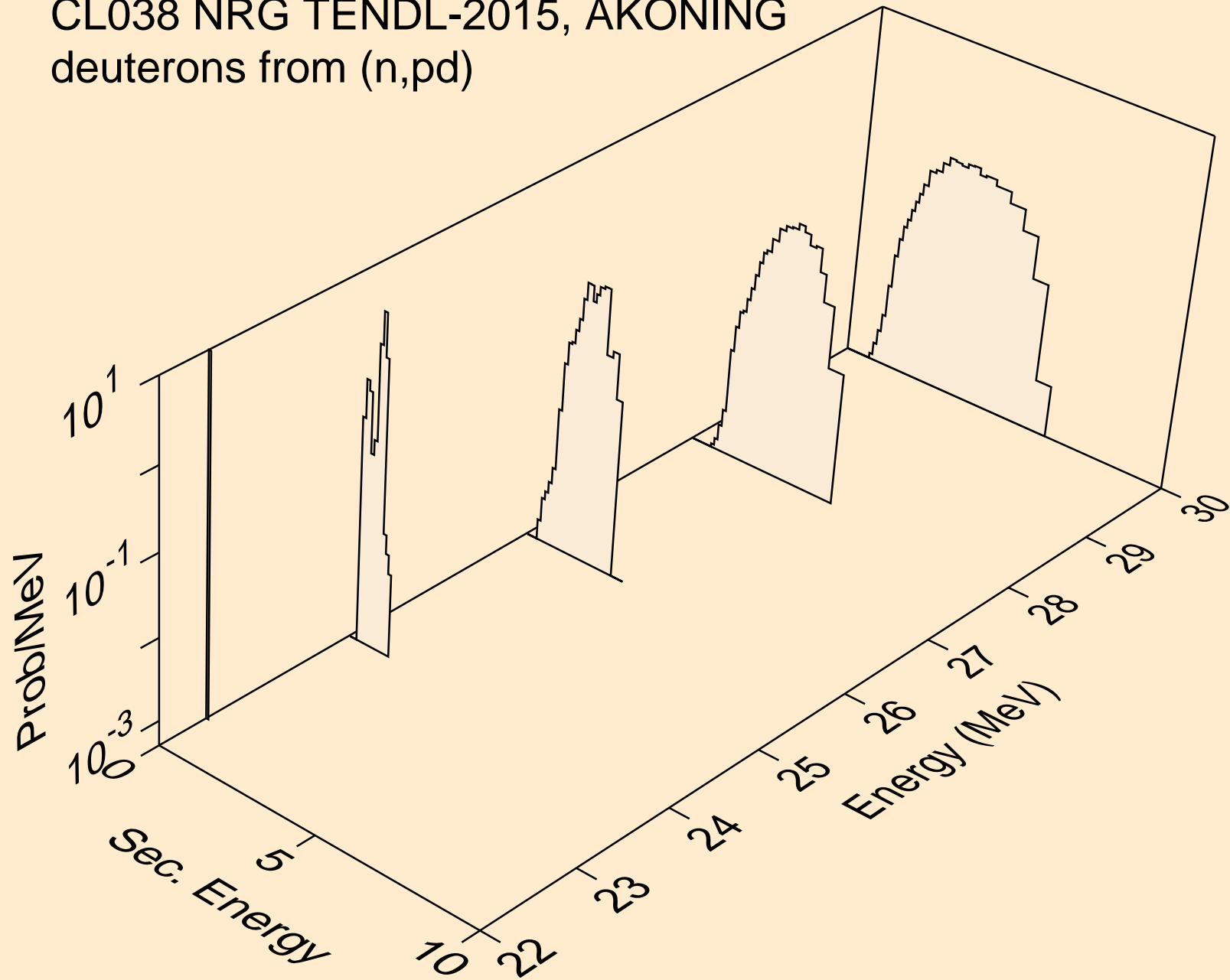
CL038 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



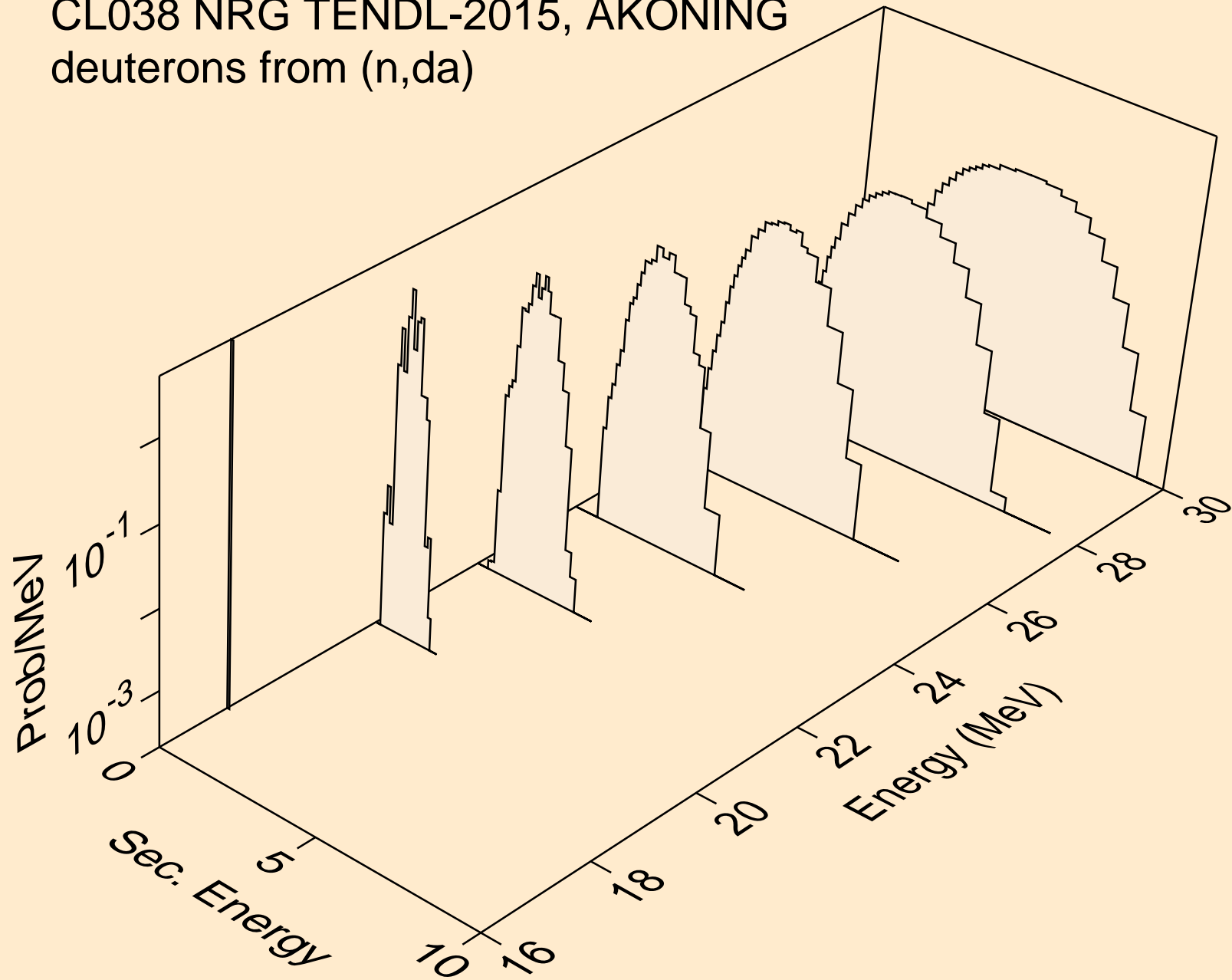
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deuterons from (n,d)



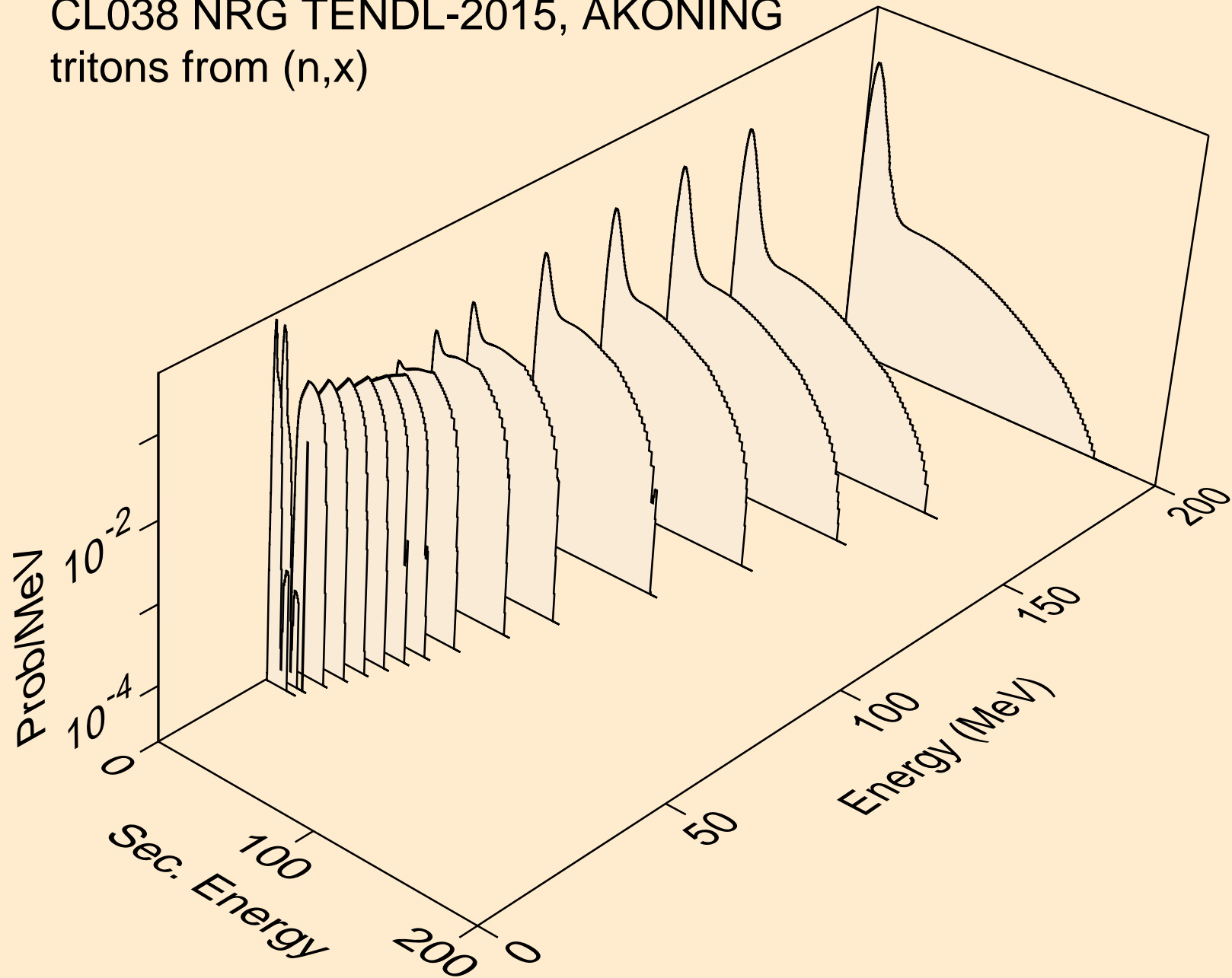
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deuterons from (n,pd)



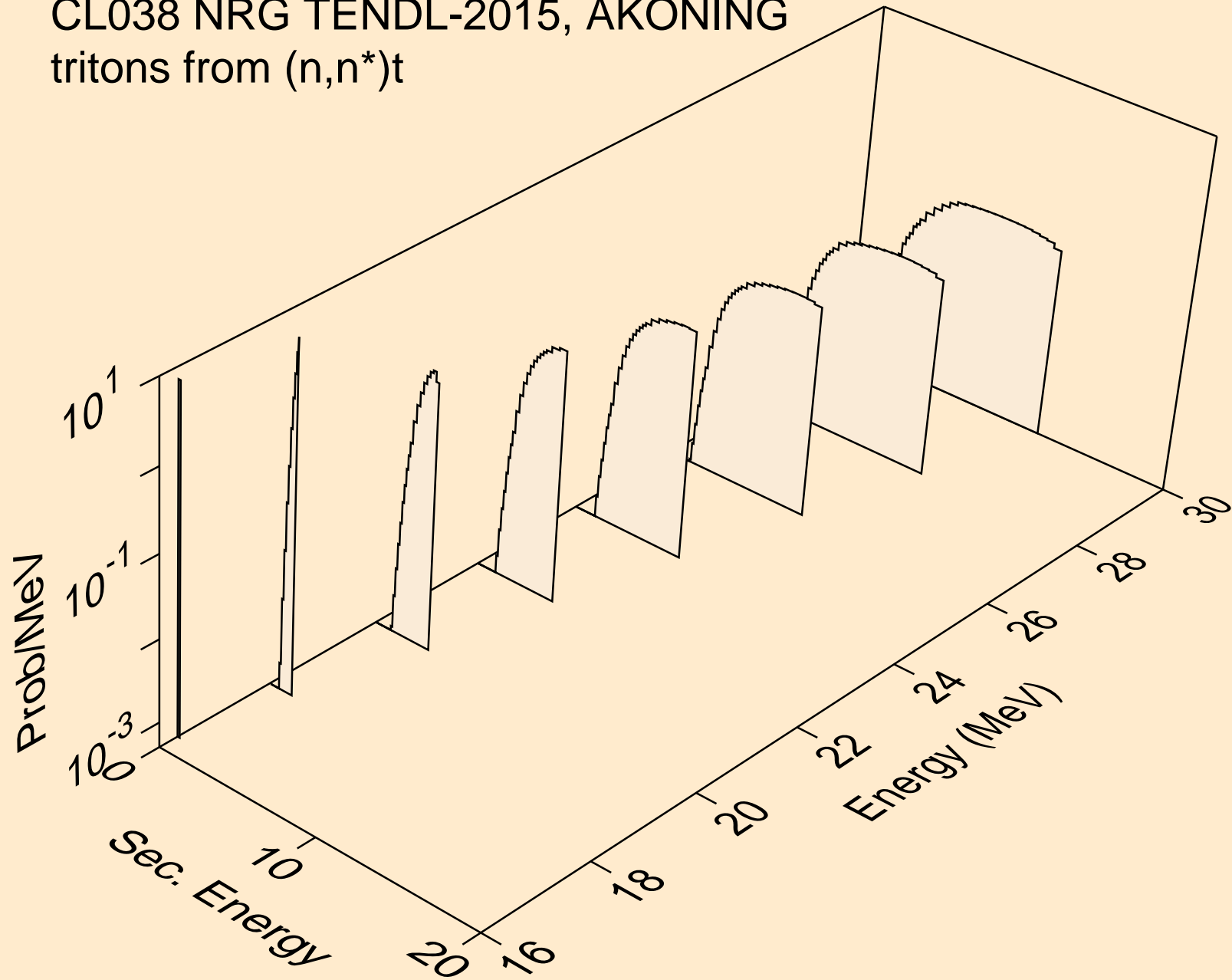
CL038 NRG TENDL-2015, AKONING  
deuterons from (n,da)



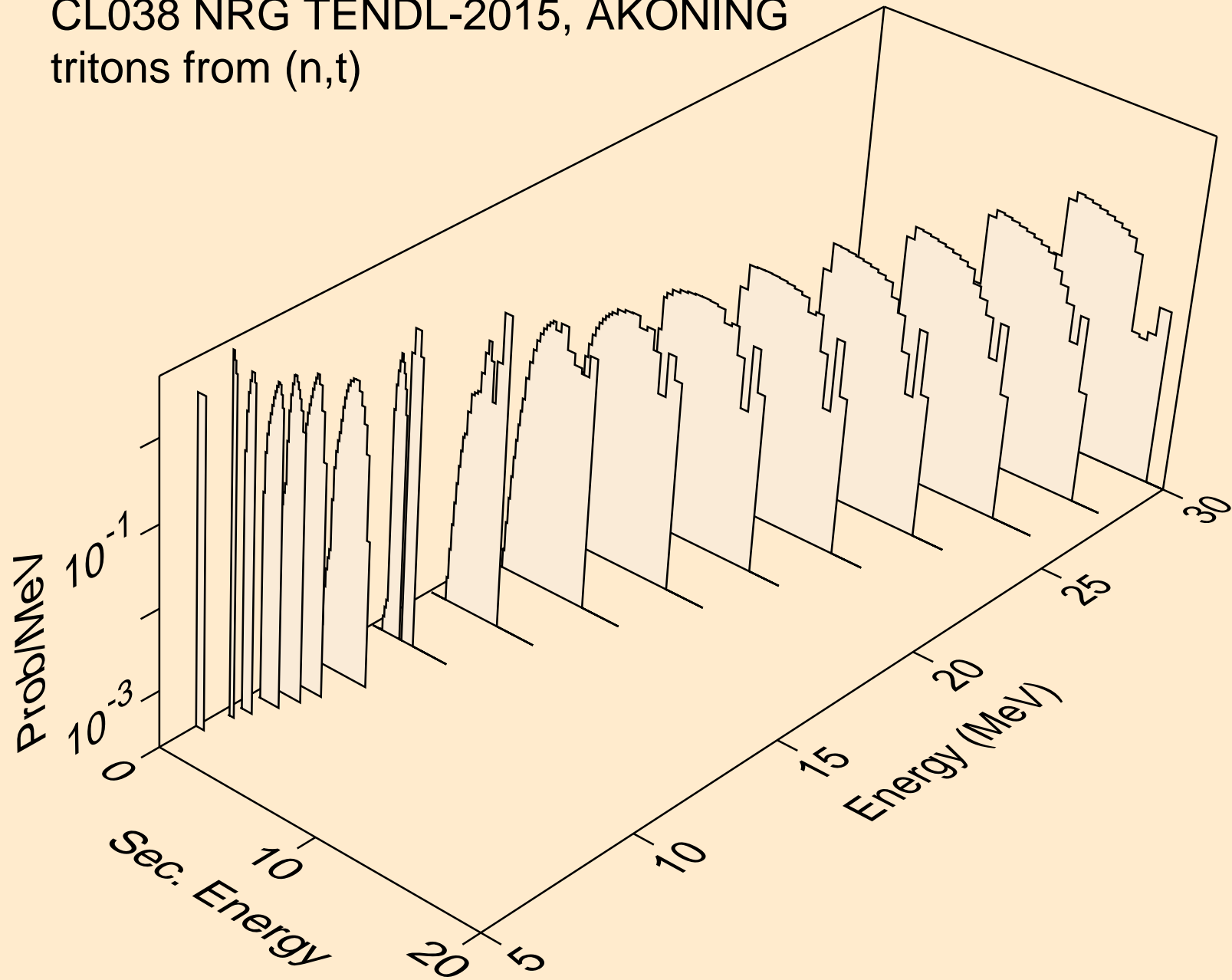
CL038 NRG TENDL-2015, AKONING  
tritons from (n,x)



CL038 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

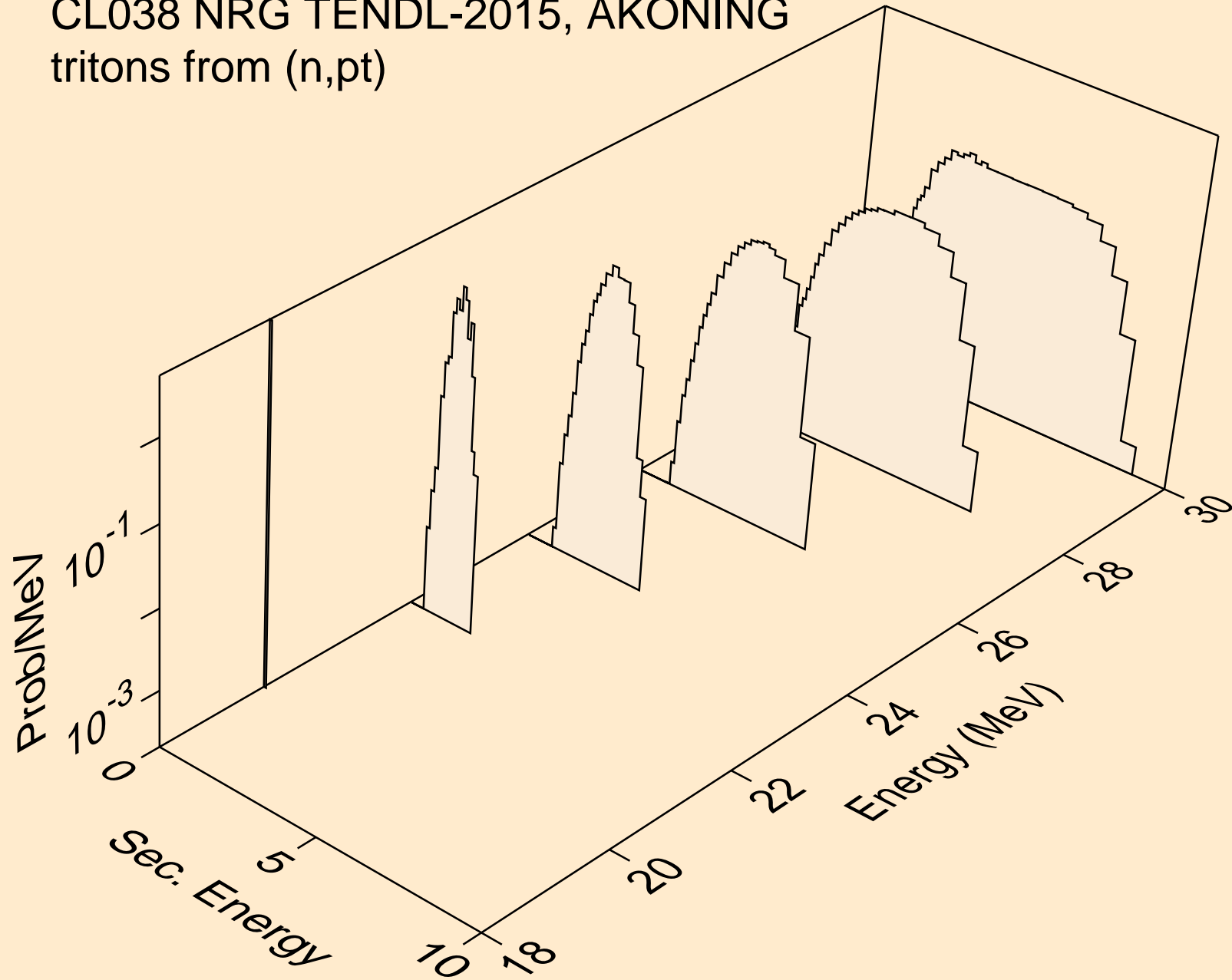


CL038 NRG TENDL-2015, AKONING  
tritons from (n,t)

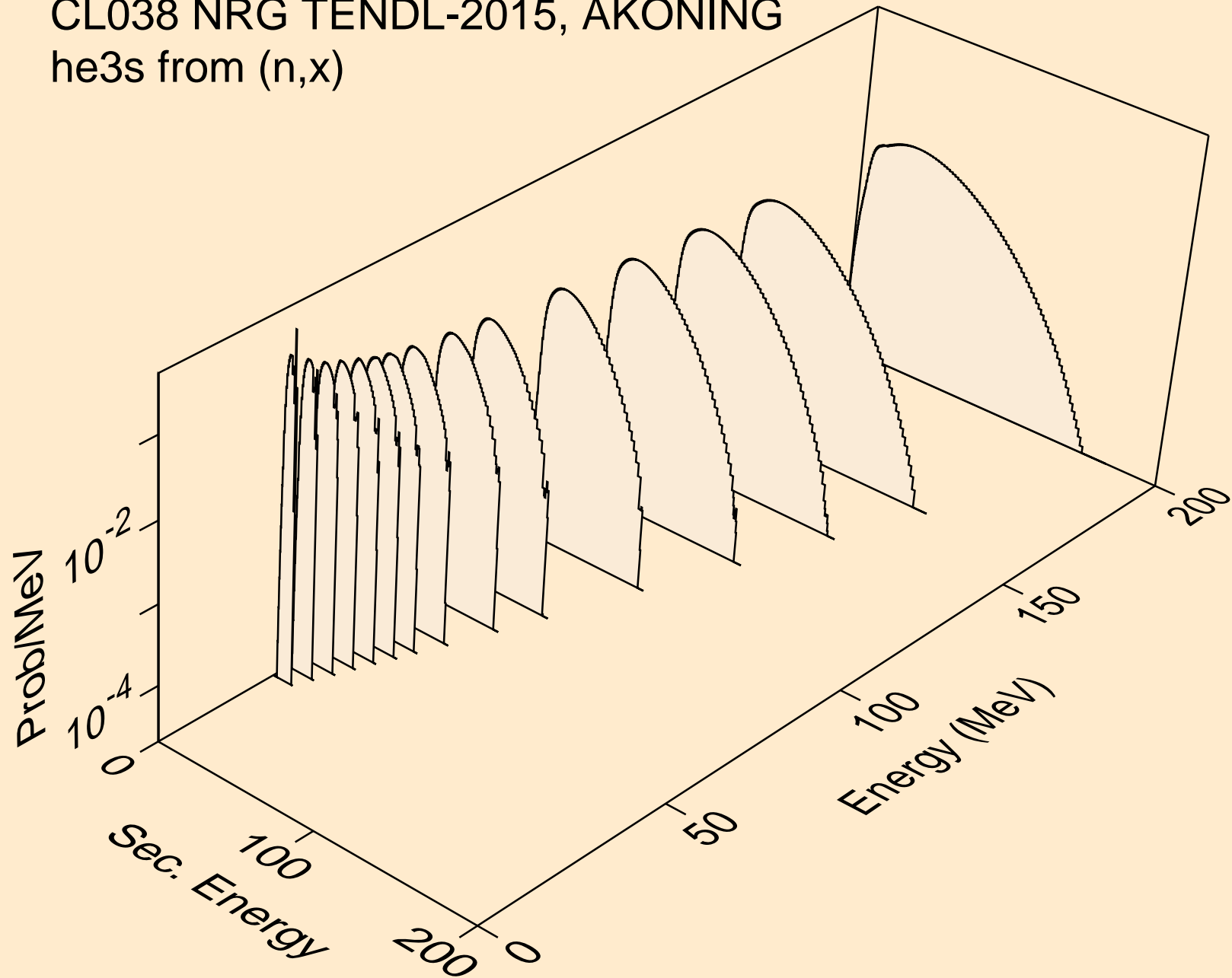




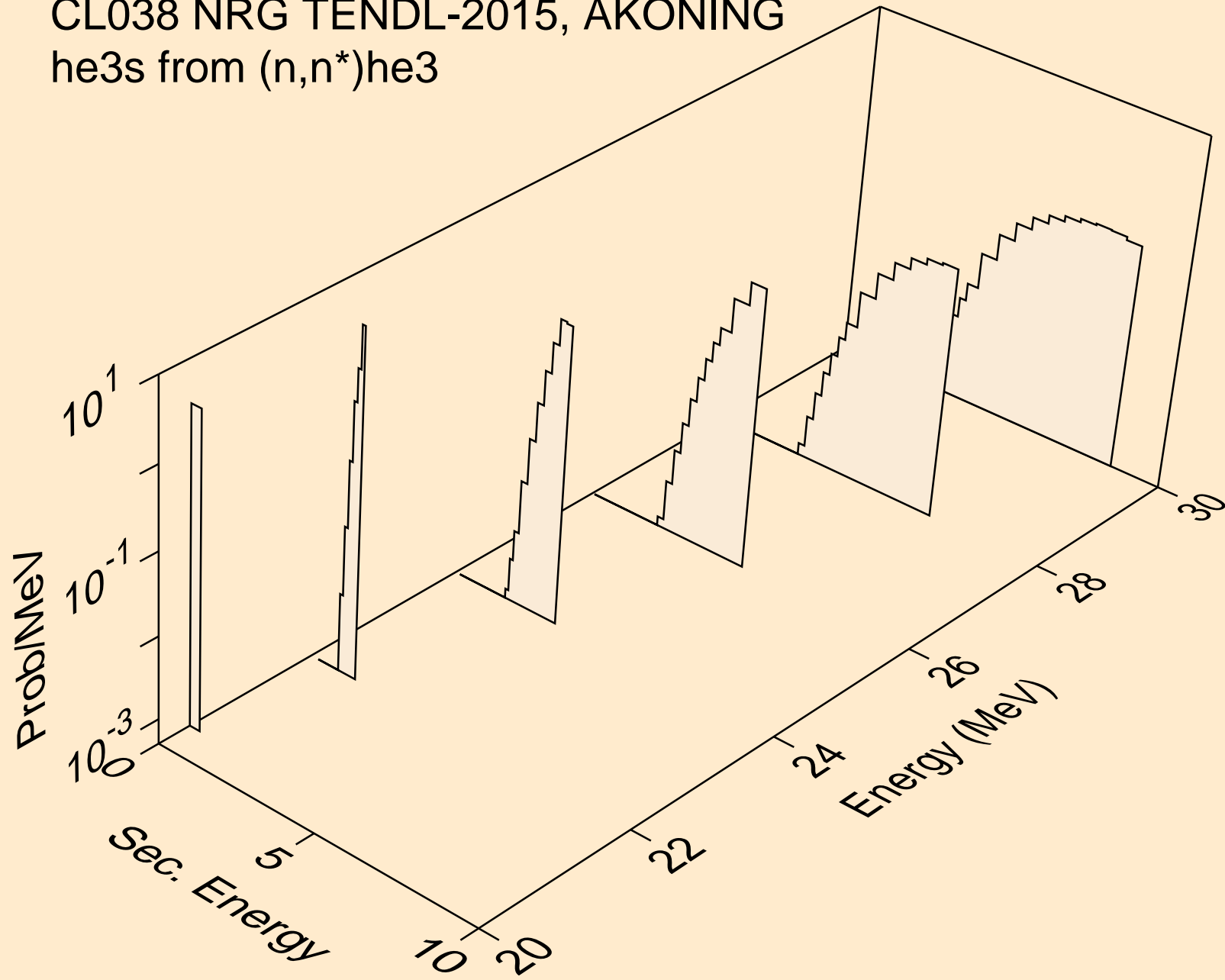
CL038 NRG TENDL-2015, AKONING  
tritons from (n,pt)



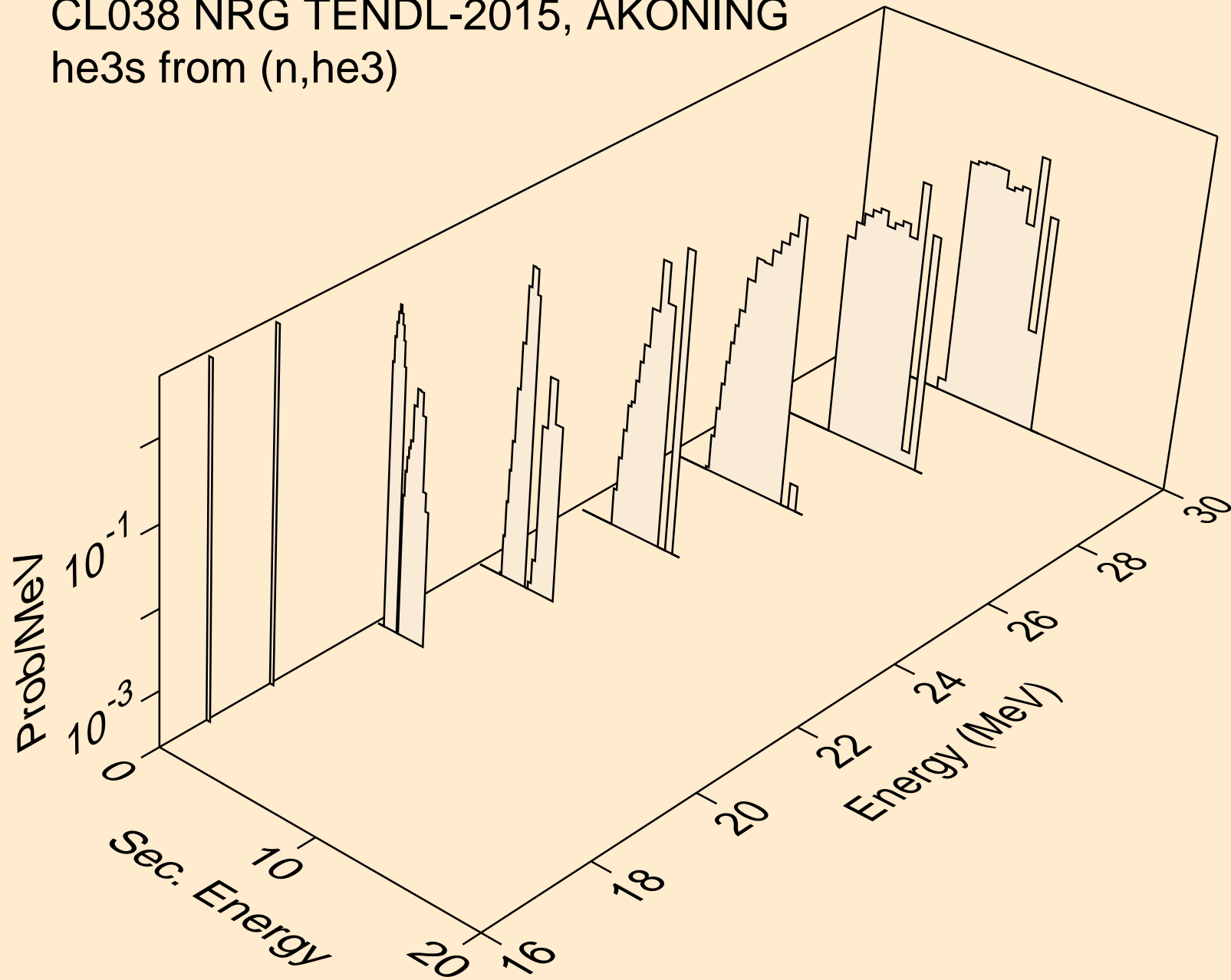
CL038 NRG TENDL-2015, AKONING  
he3s from (n,x)



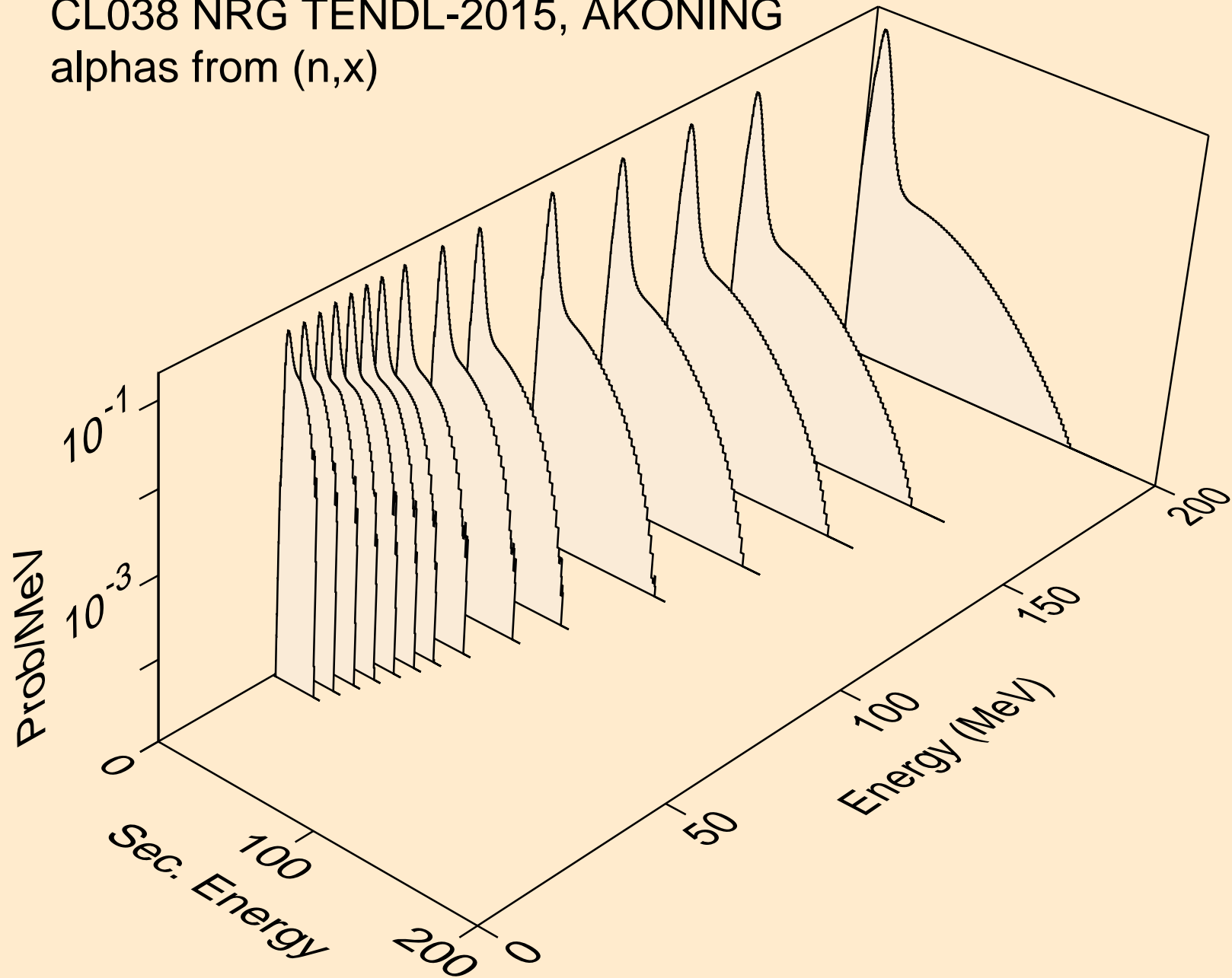
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he3s from (n,n\*)he3



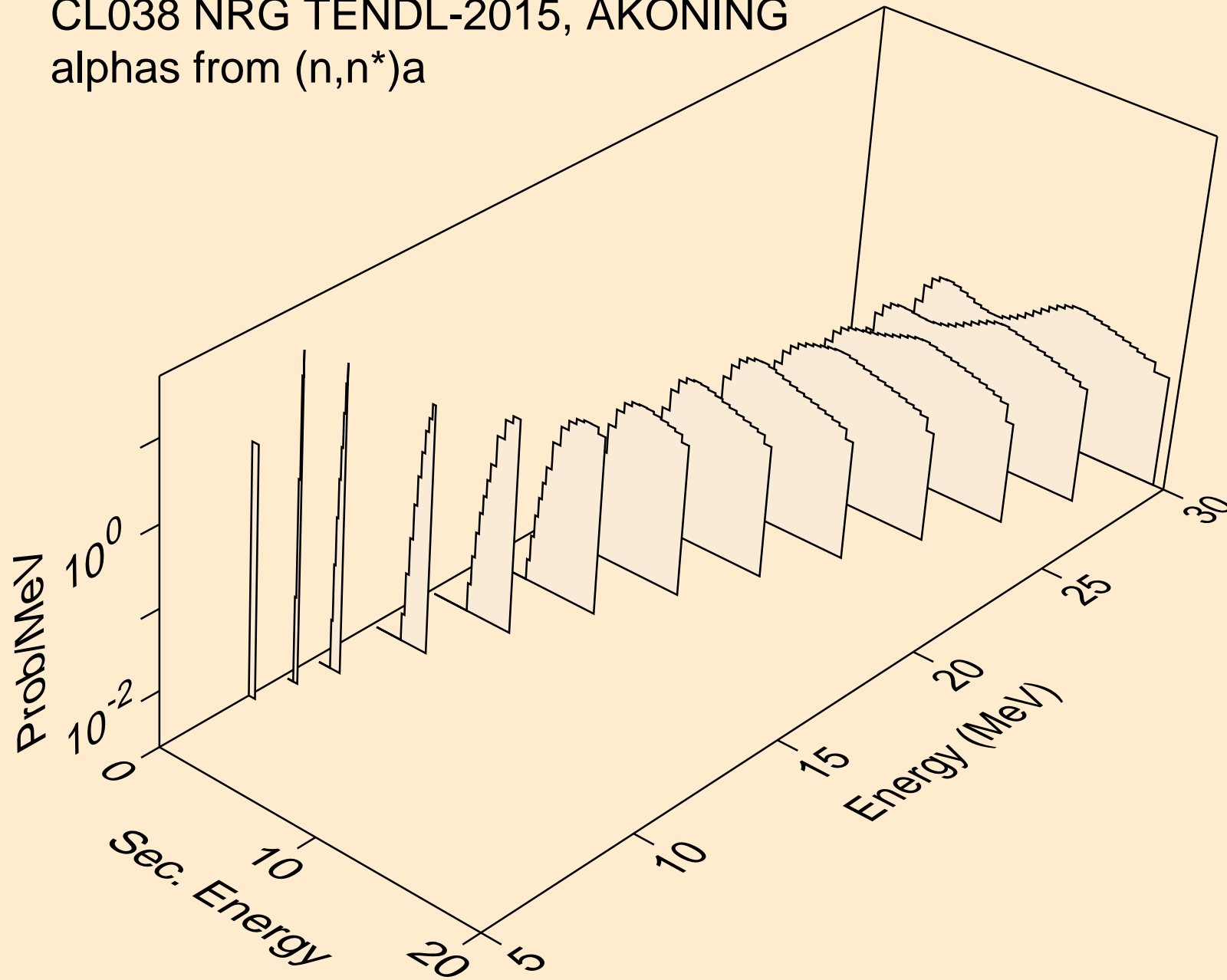
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he3s from (n,he3)



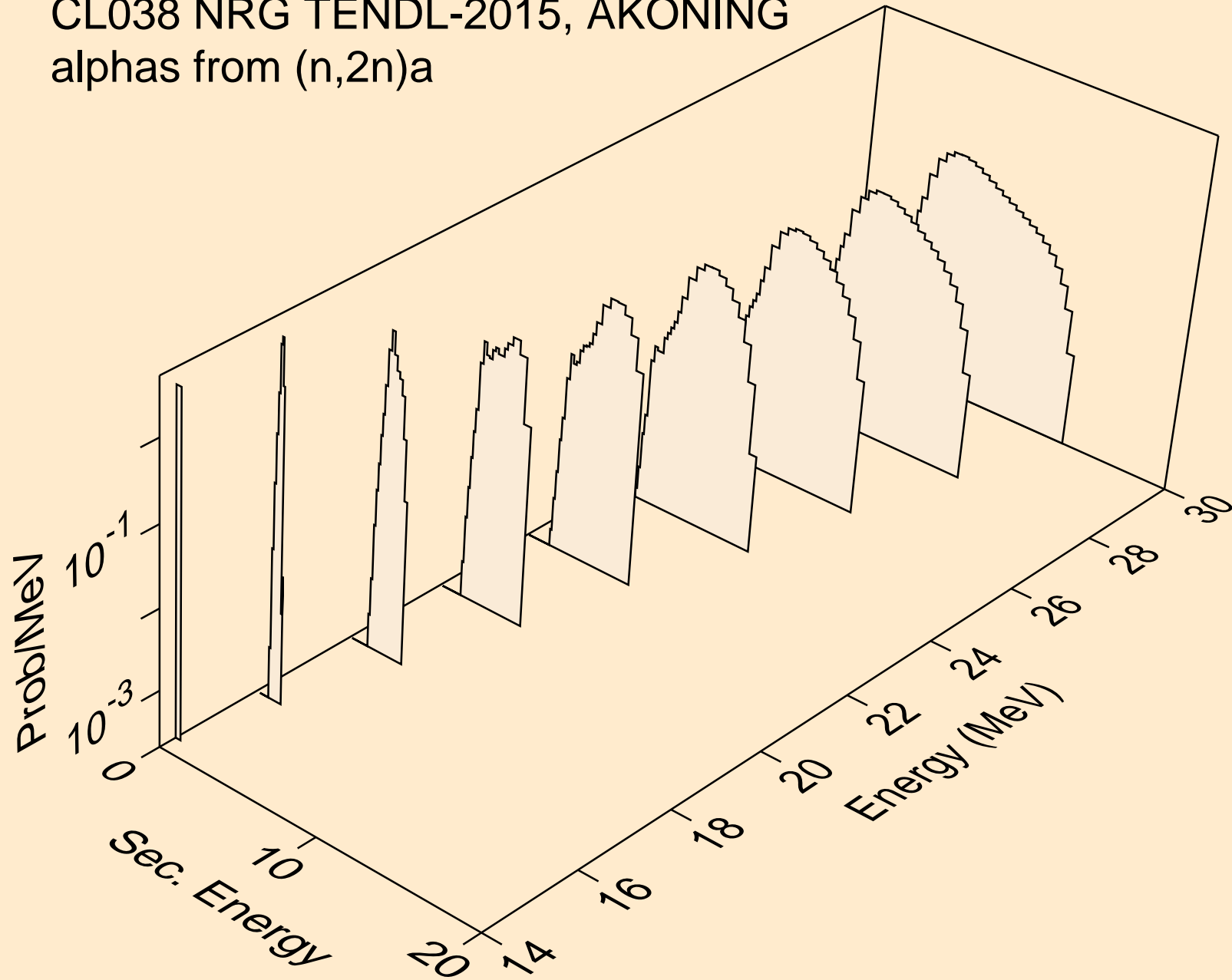
CL038 NRG TENDL-2015, AKONING  
alphas from (n,x)



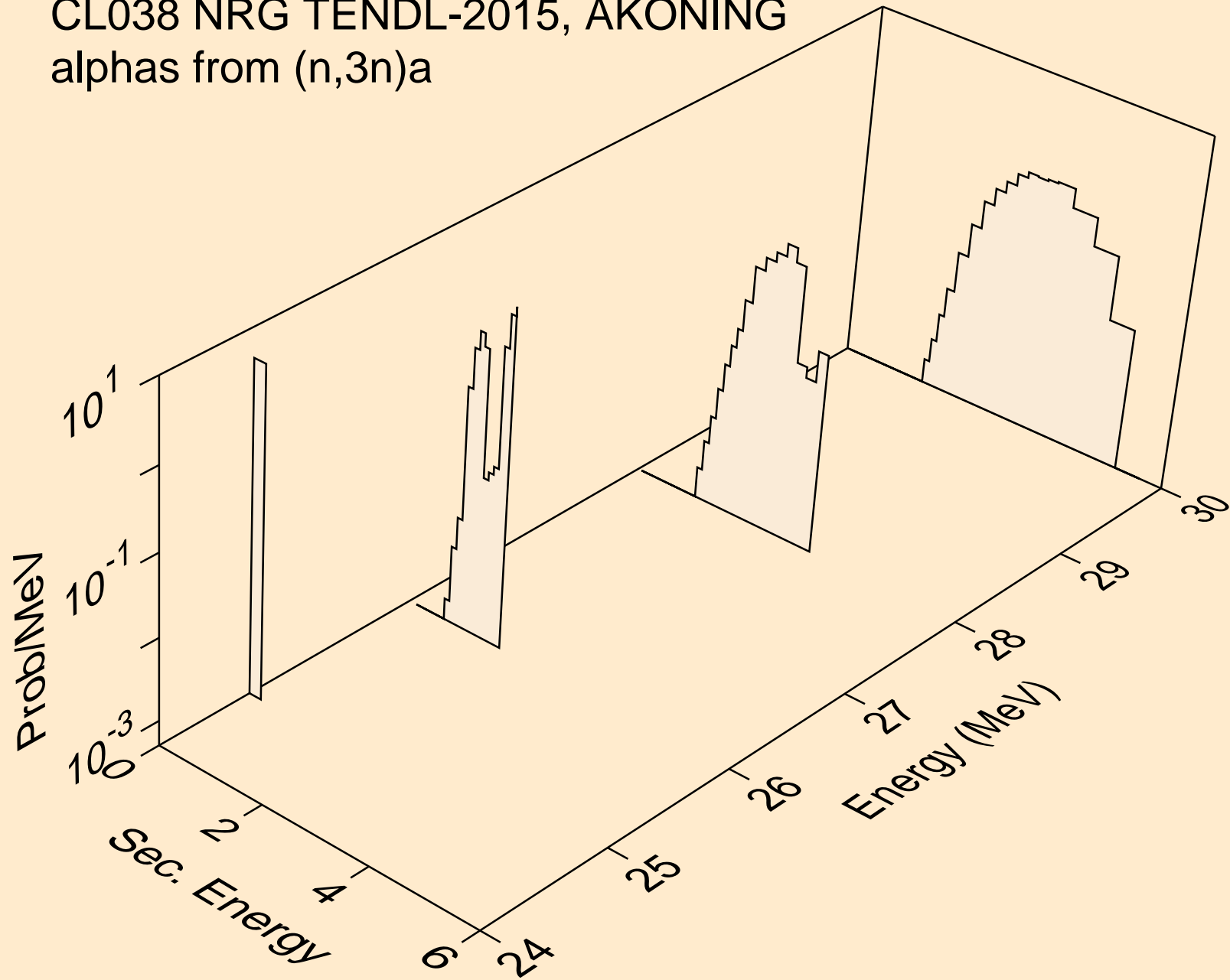
CL038 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



CL038 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

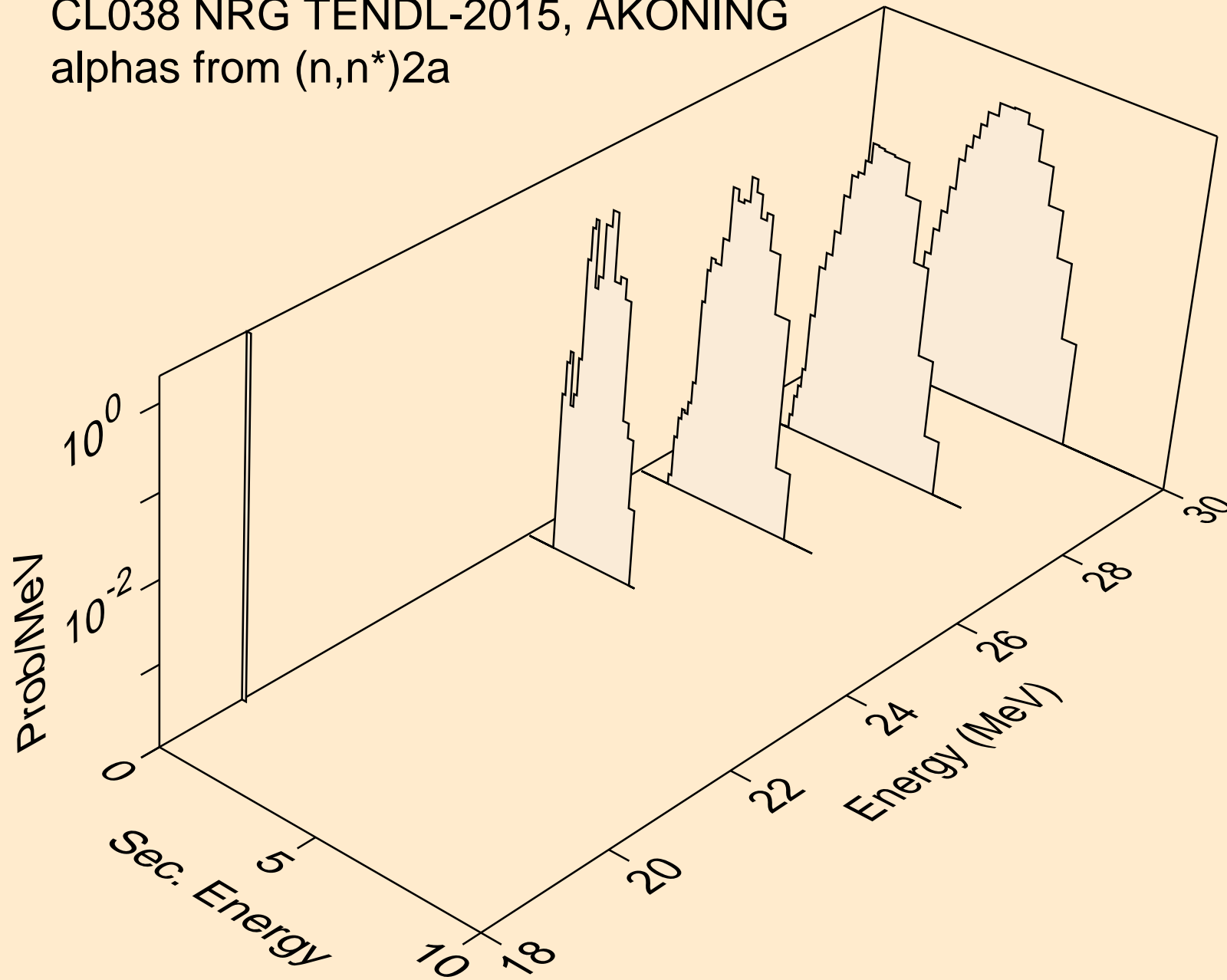


CL038 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

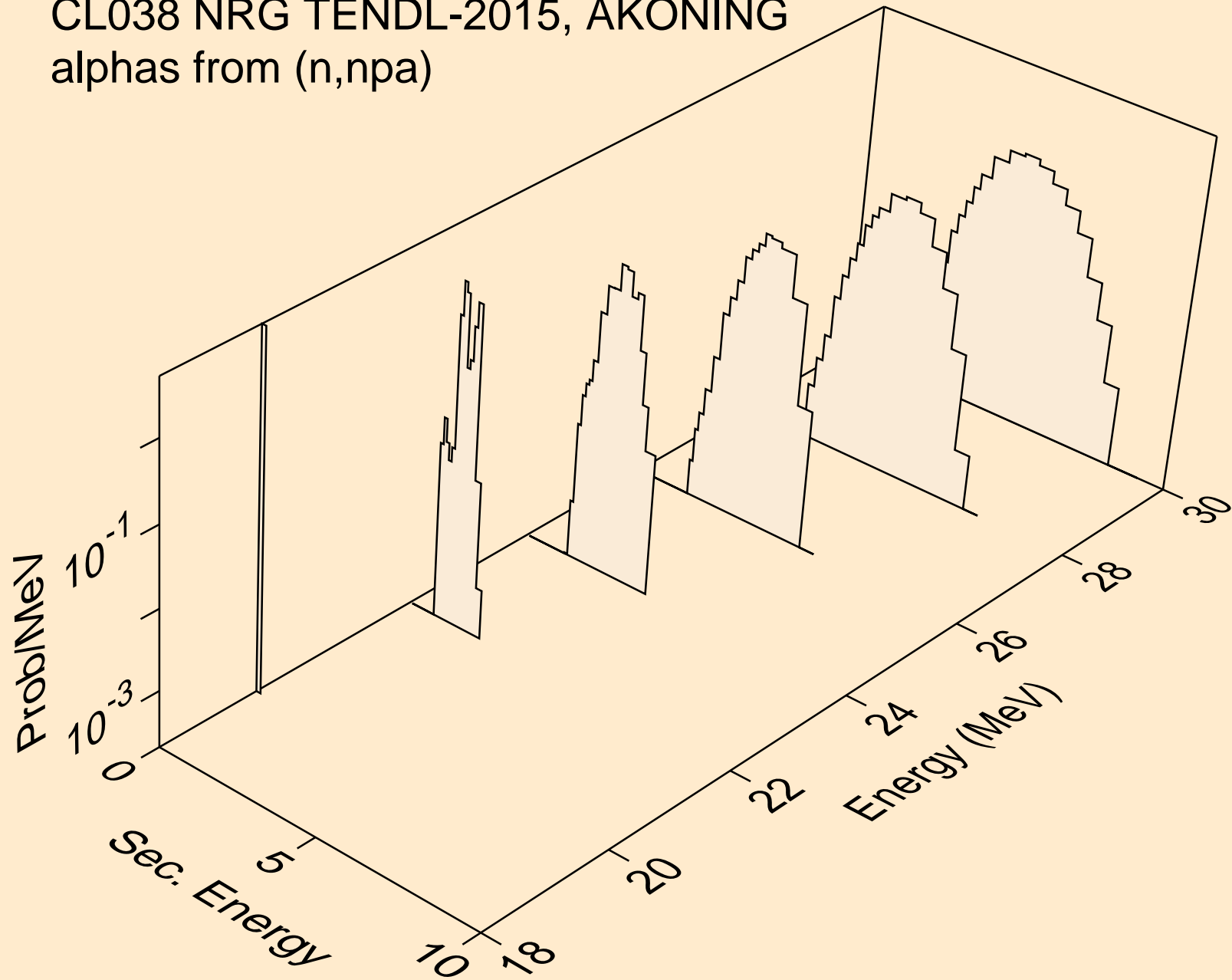




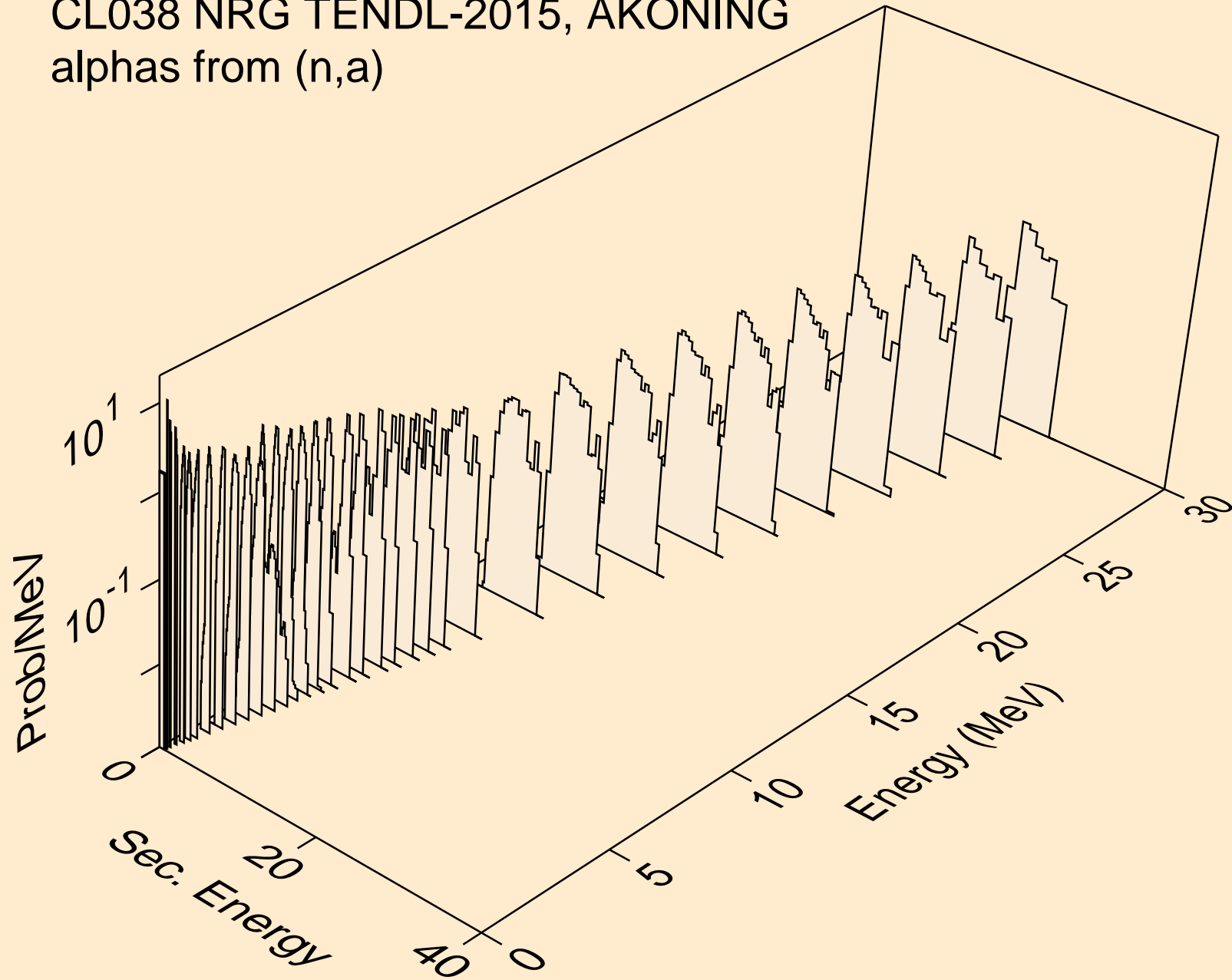
CL038 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



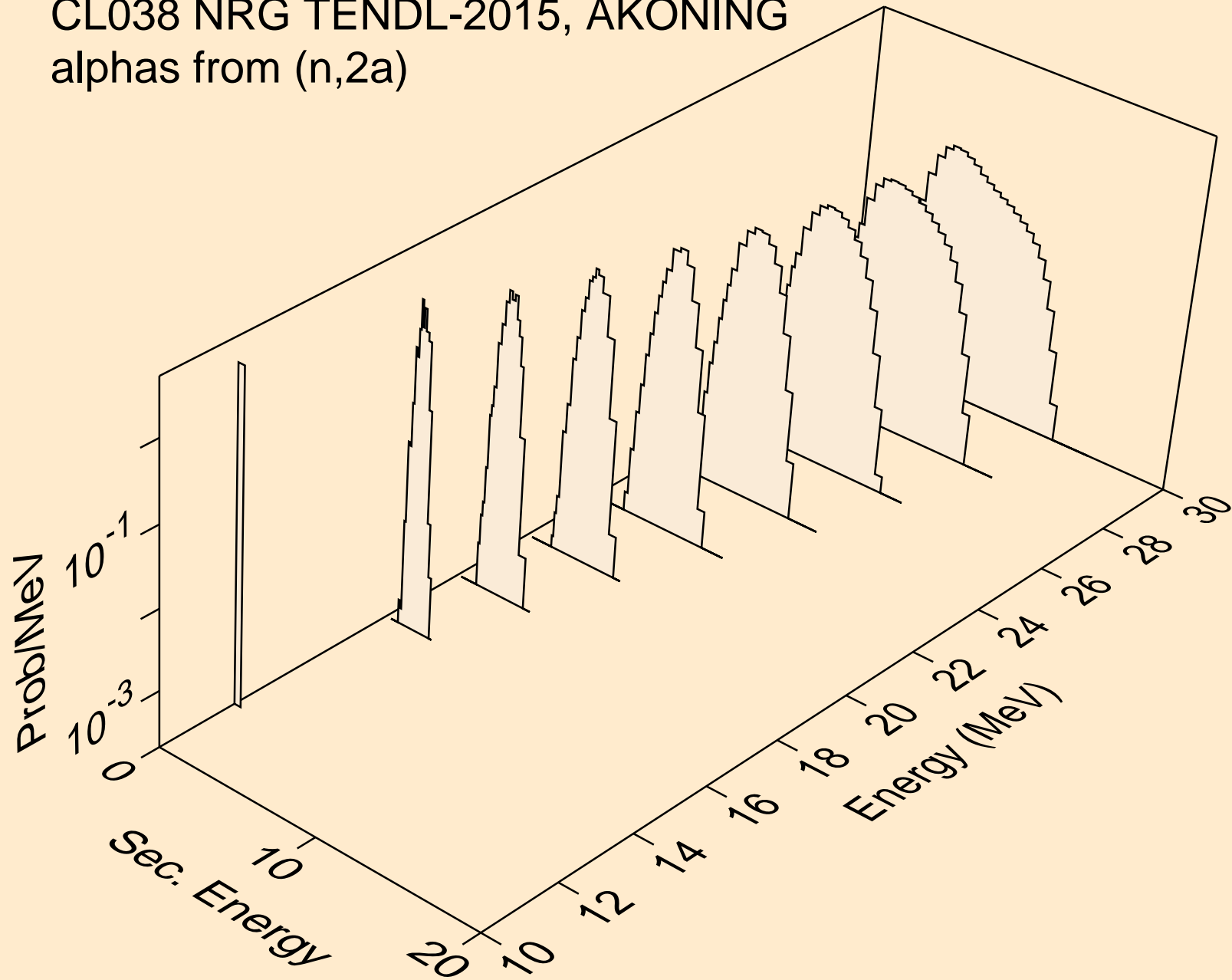
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alphas from (n,npa)



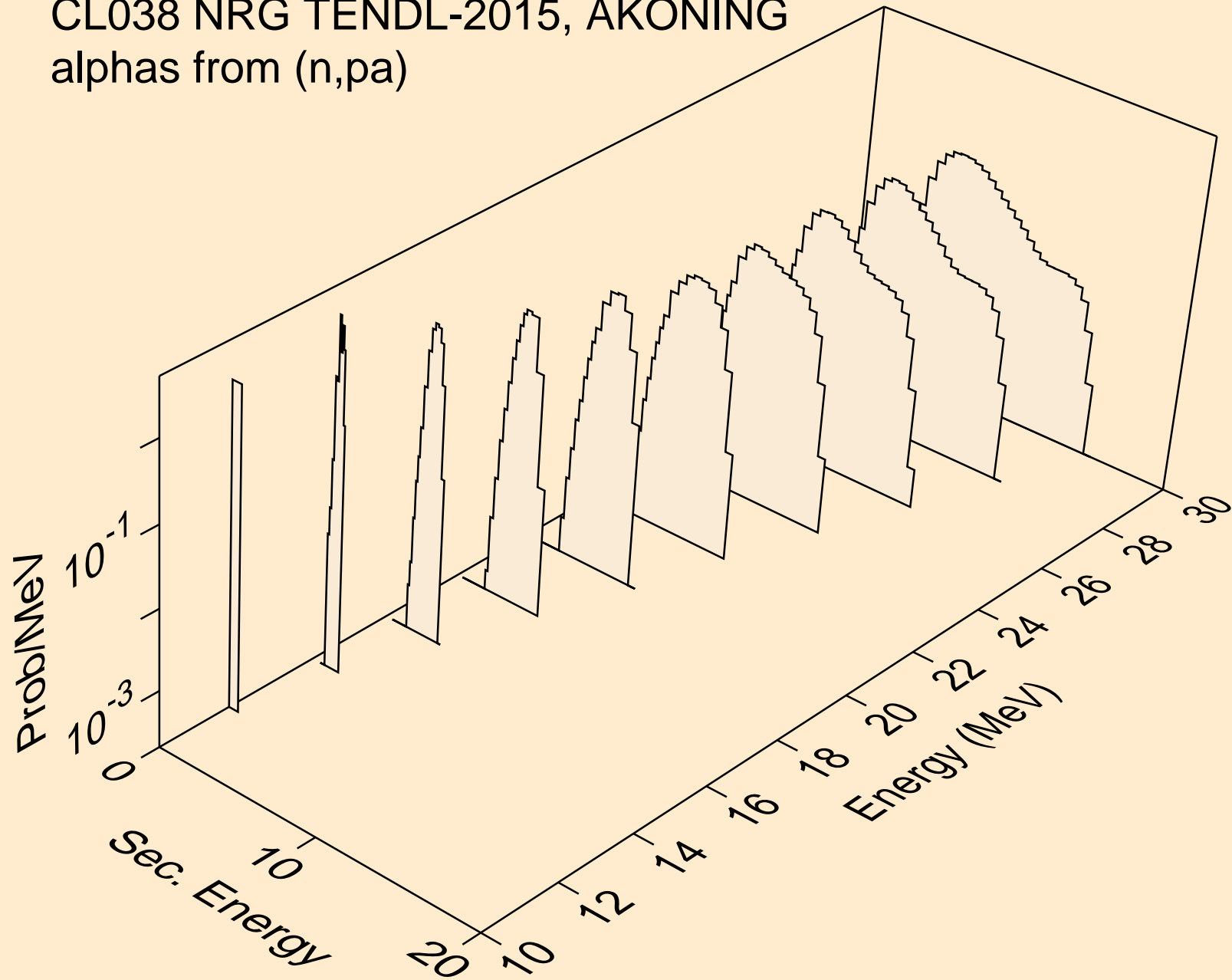
CL038 NRG TENDL-2015, AKONING  
alphas from (n,a)



CL038 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CL038 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CL038 NRG TENDL-2015, AKONING  
alphas from (n,da)

