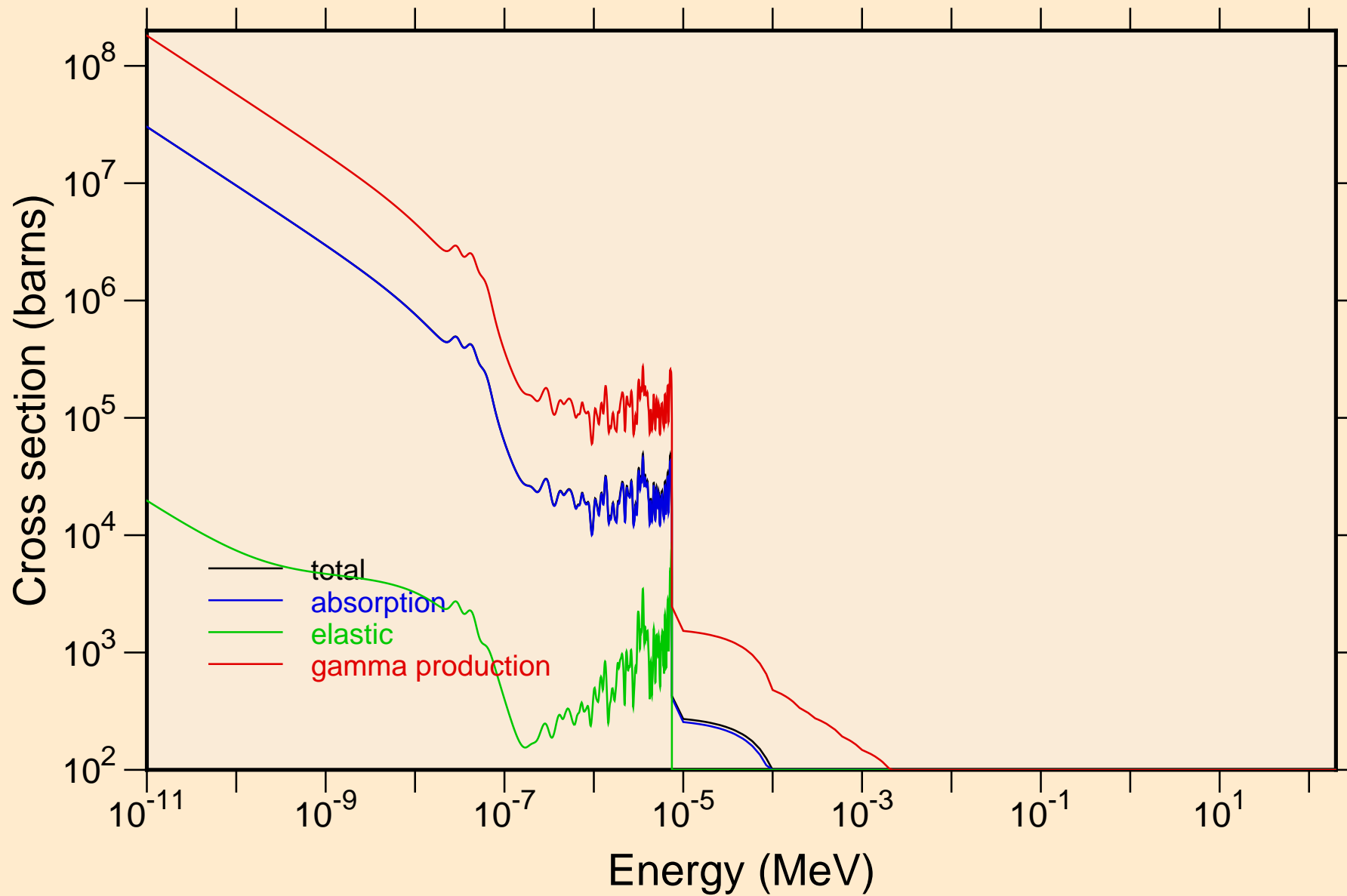


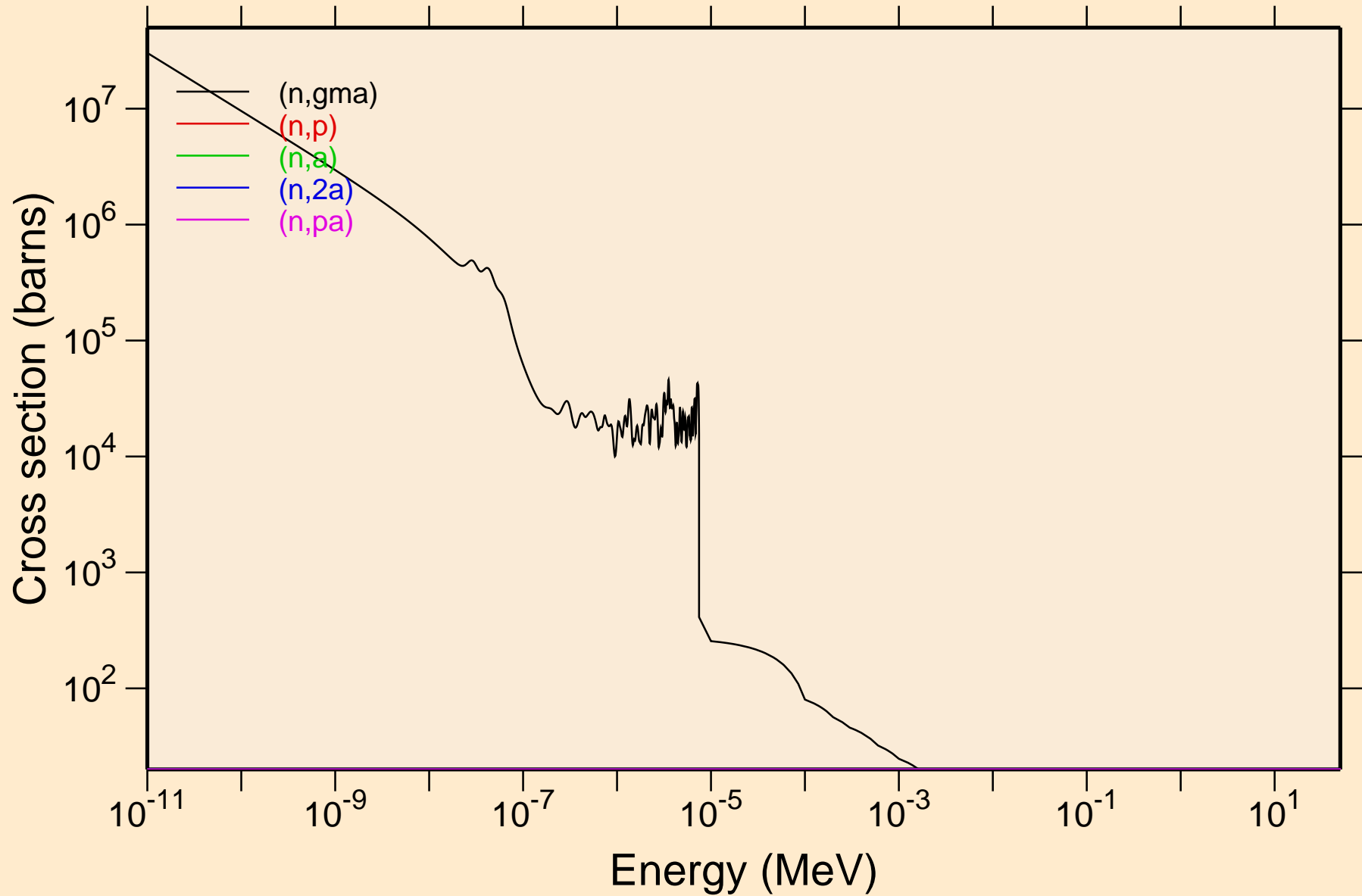
# IR184 NRG TENDL-2015, AKONING

## Principal cross sections



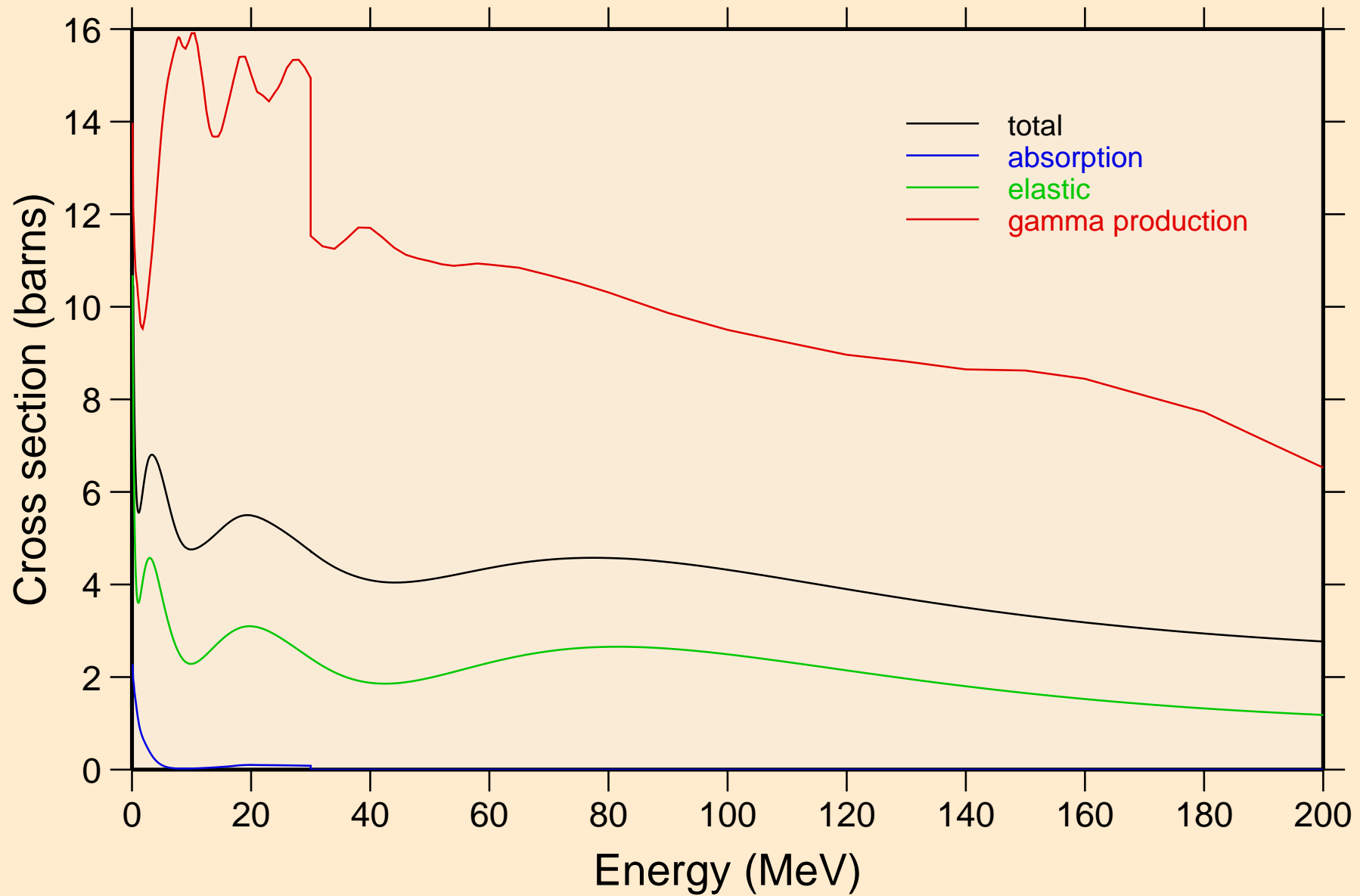
# IR184 NRG TENDL-2015, AKONING

## Non-threshold reactions



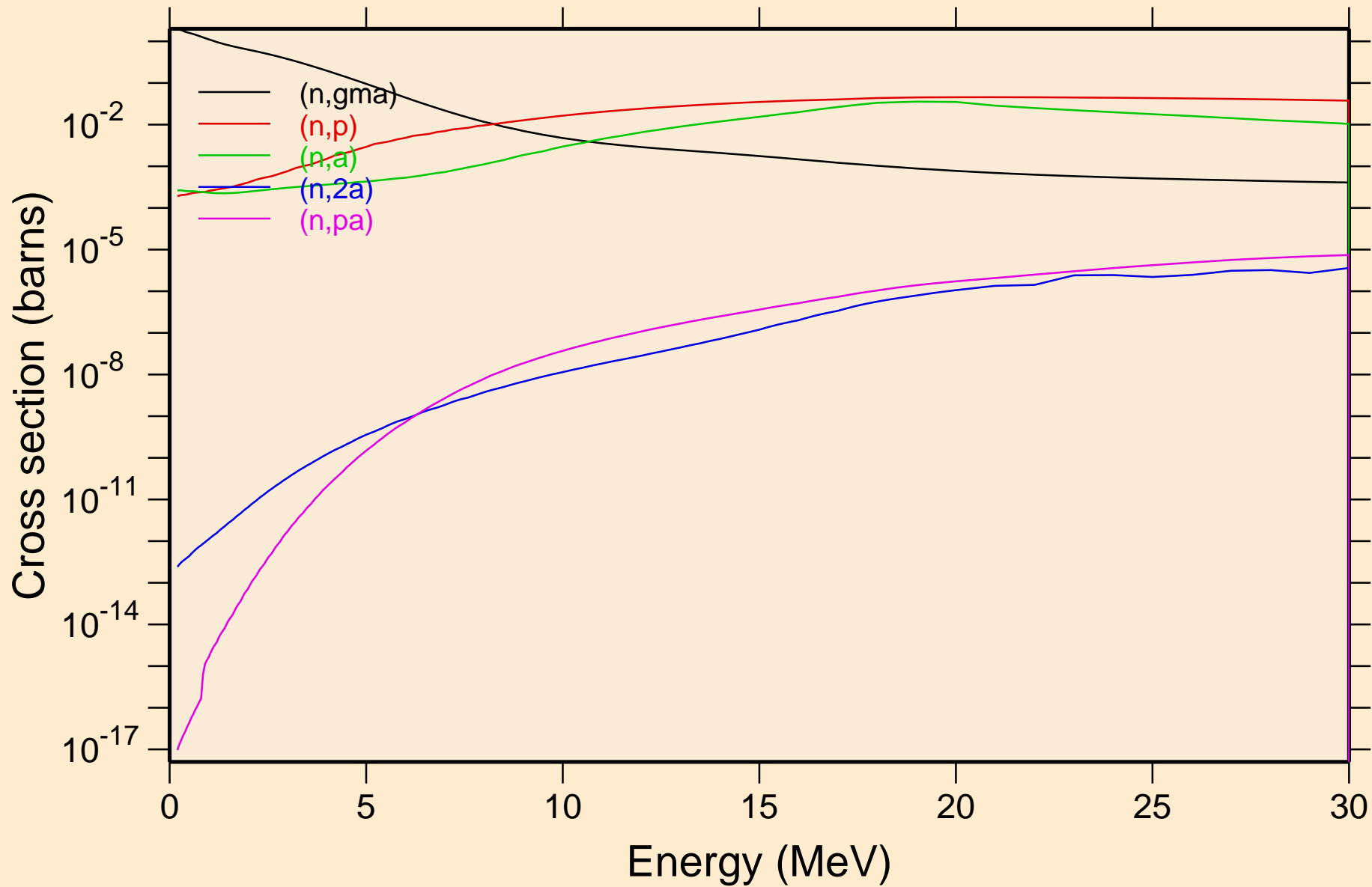
# IR184 NRG TENDL-2015, AKONING

## Principal cross sections



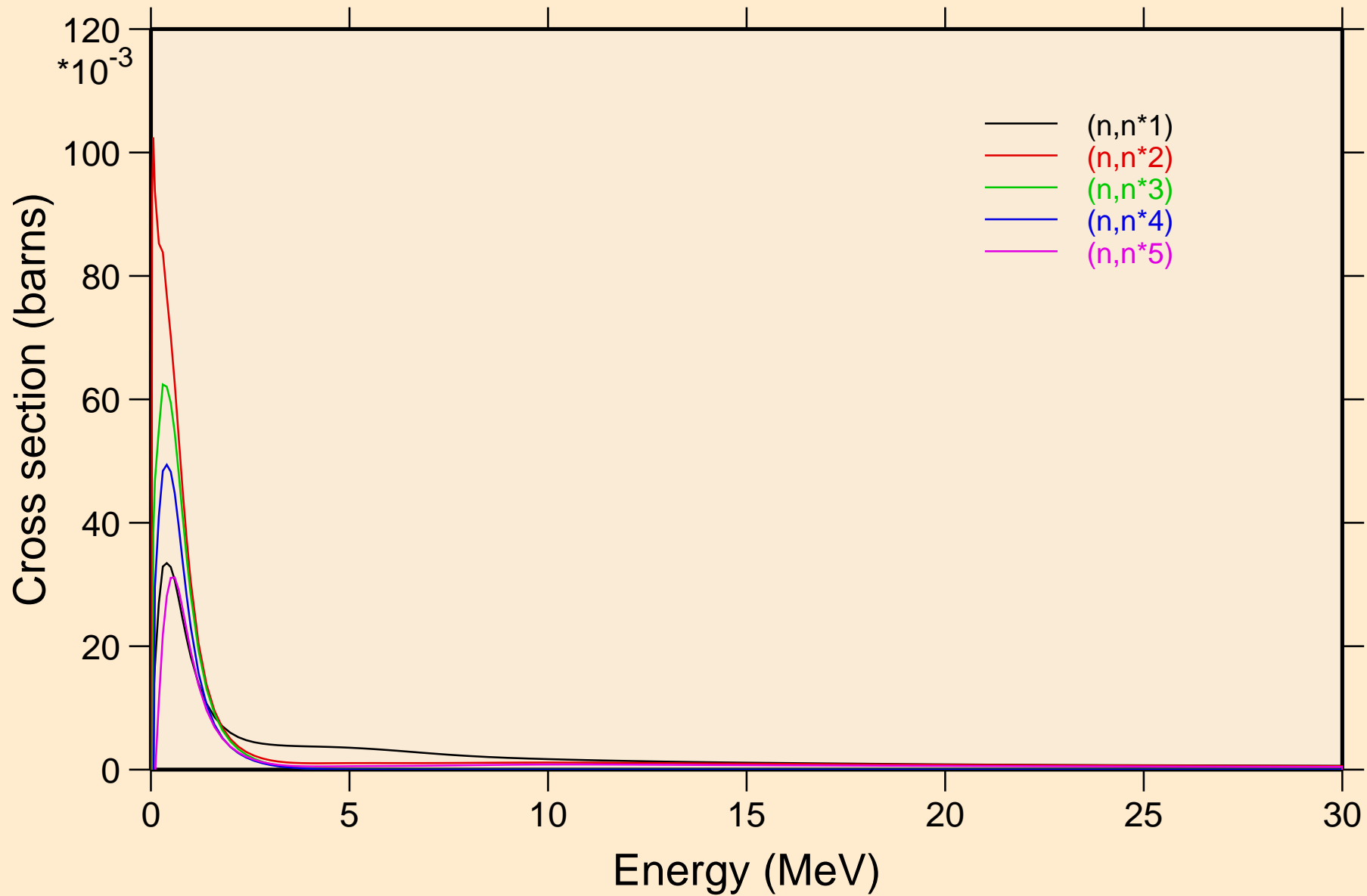
# IR184 NRG TENDL-2015, AKONING

## Non-threshold reactions



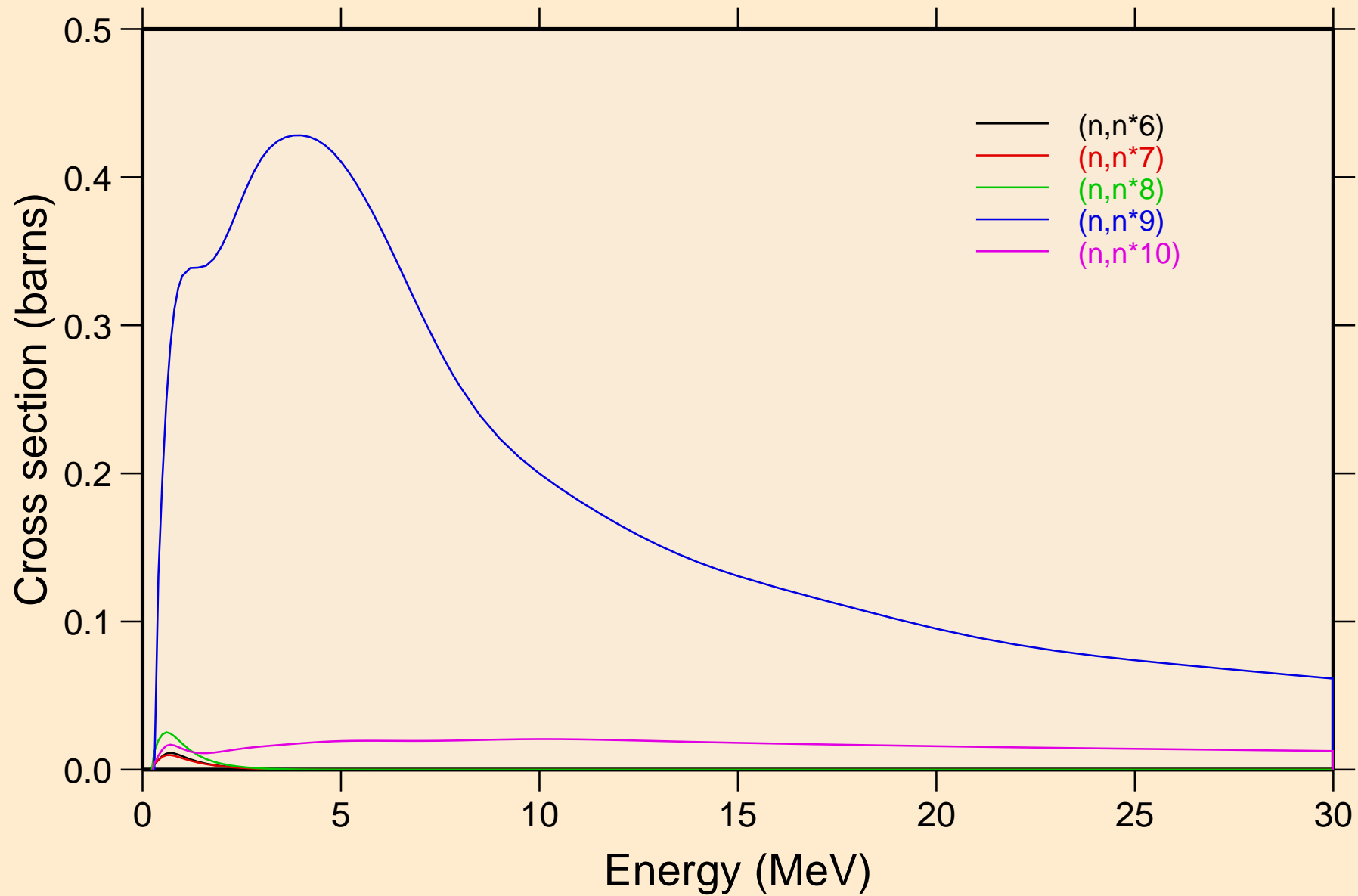
# IR184 NRG TENDL-2015, AKONING

## Inelastic levels



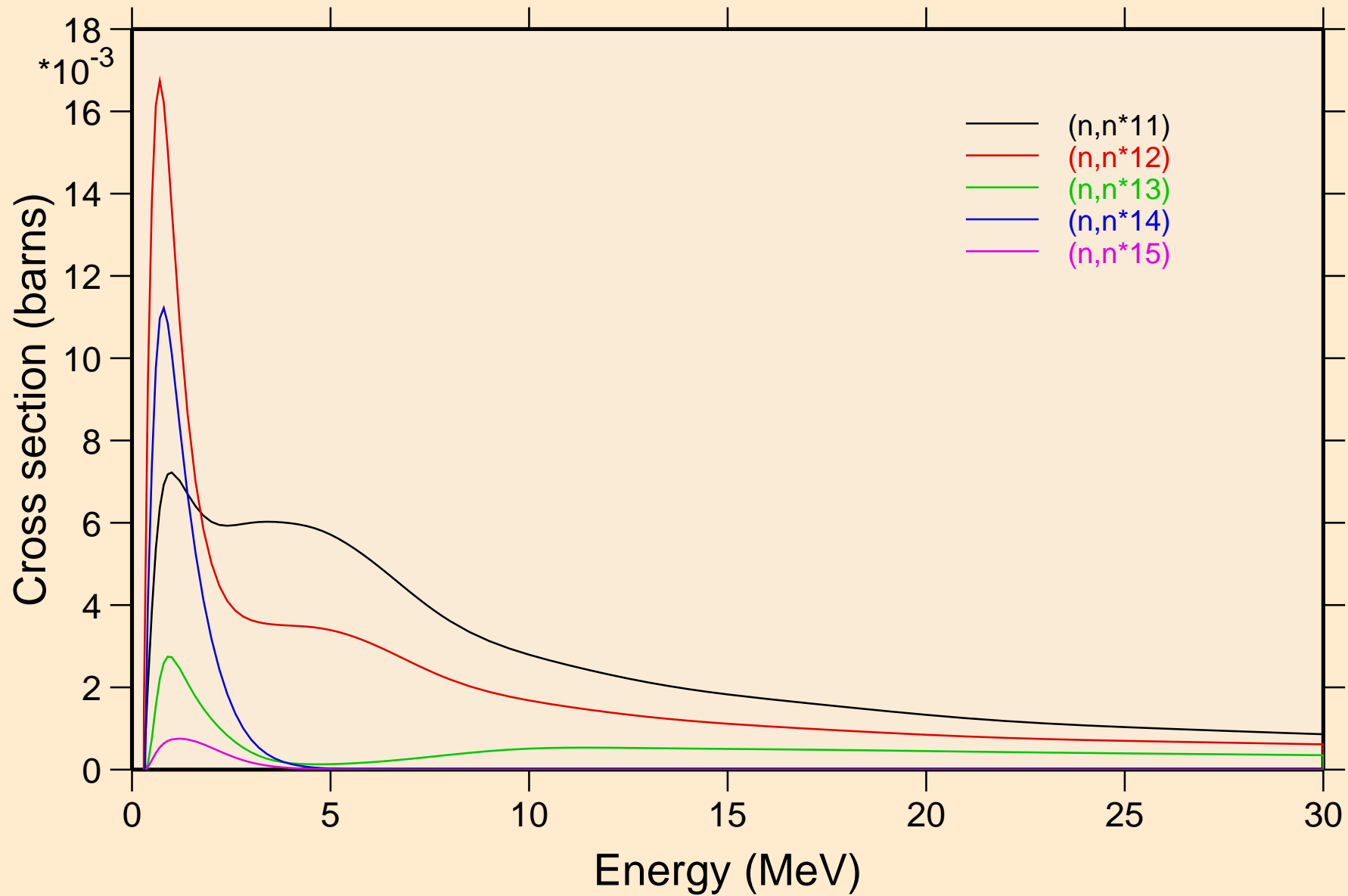
# IR184 NRG TENDL-2015, AKONING

## Inelastic levels



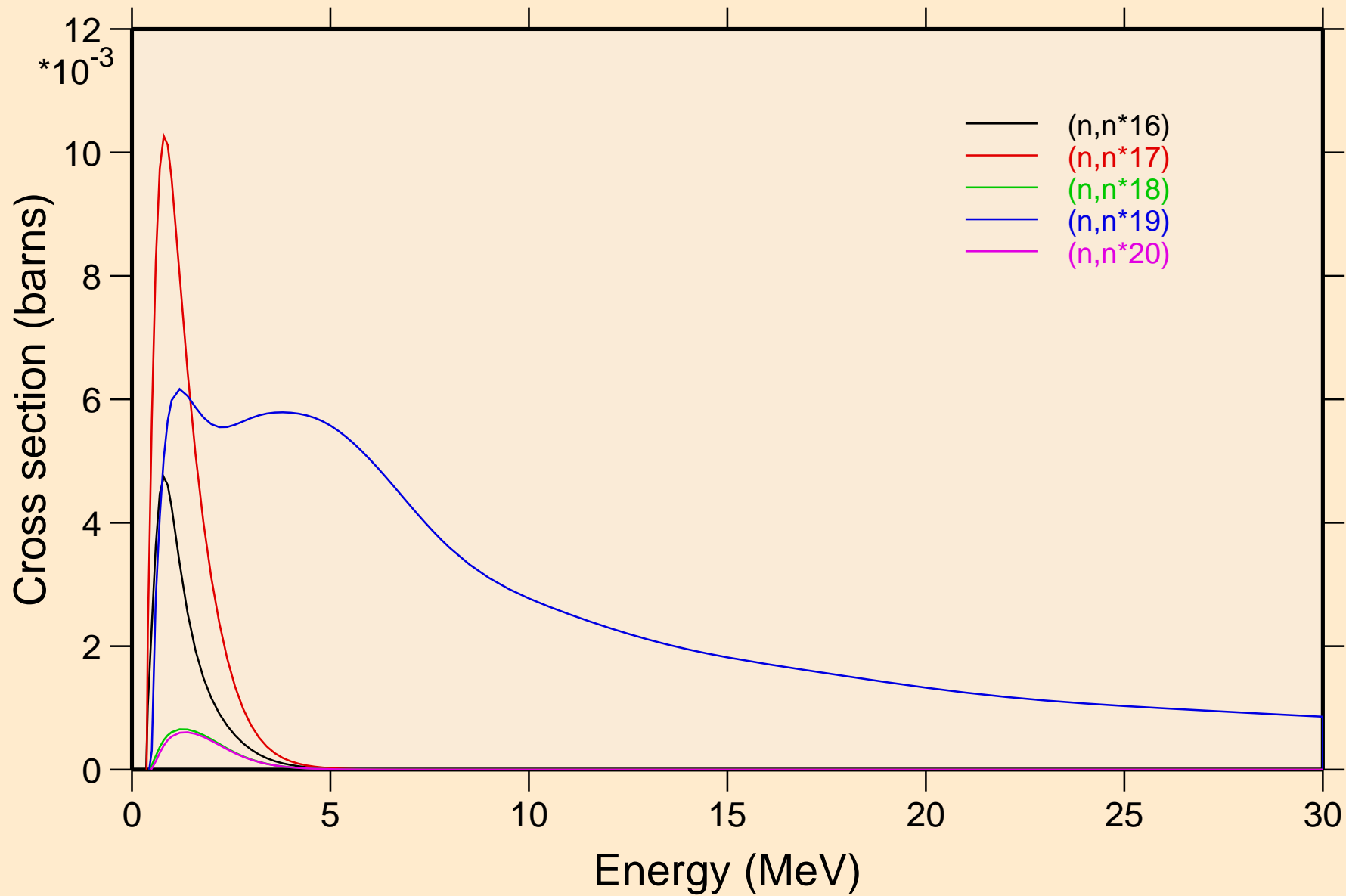
# IR184 NRG TENDL-2015, AKONING

## Inelastic levels



# IR184 NRG TENDL-2015, AKONING

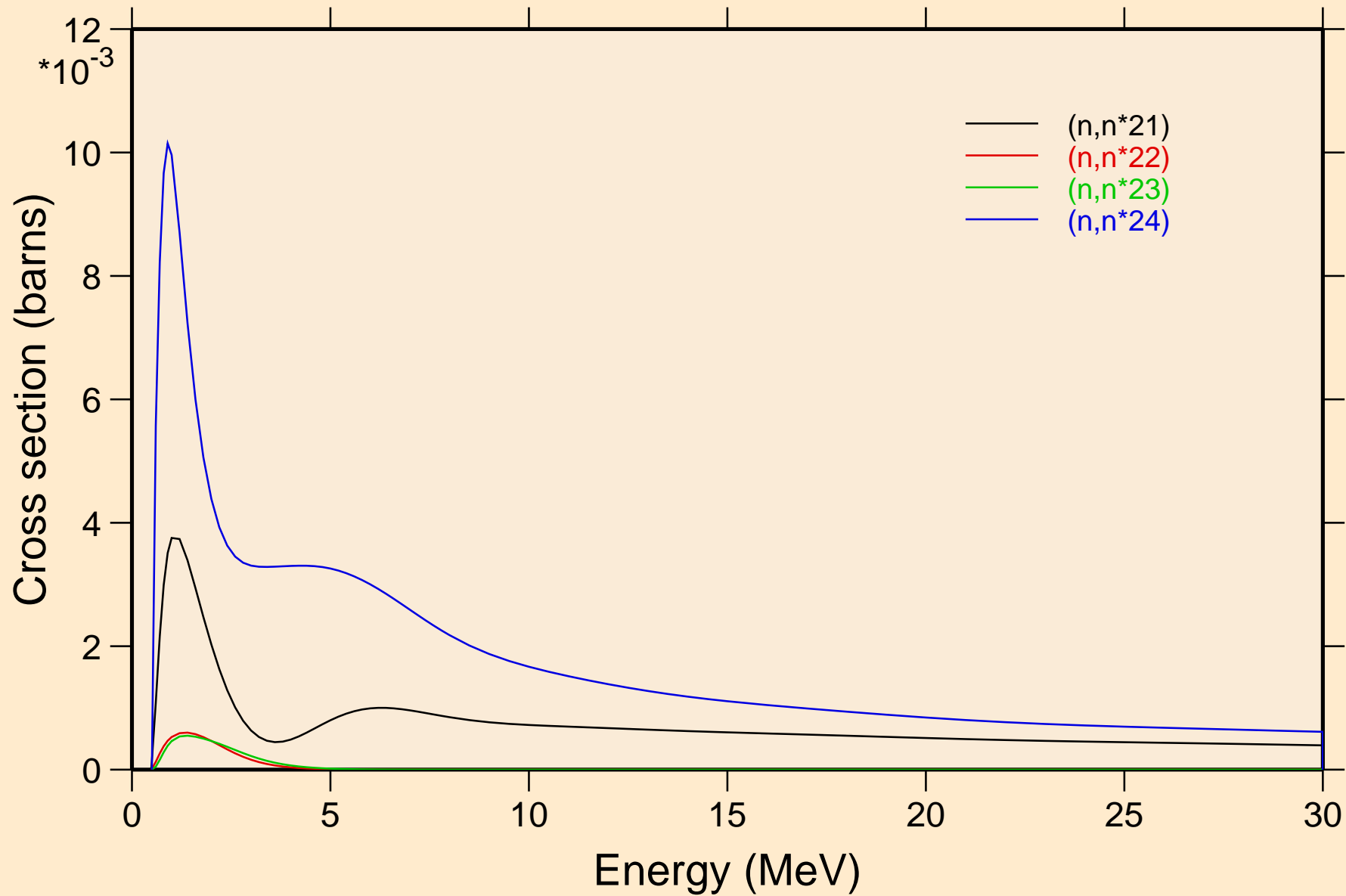
## Inelastic levels





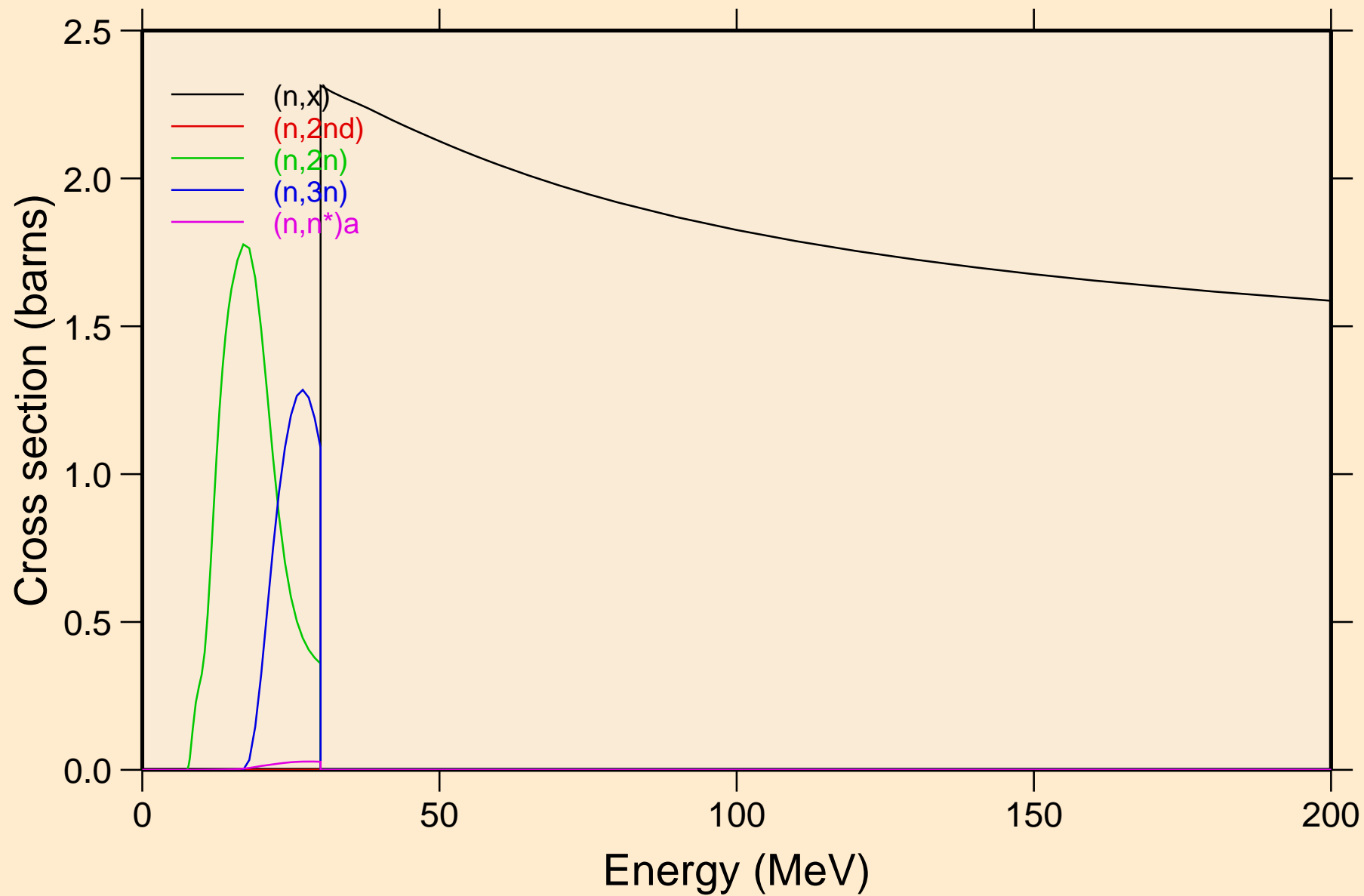
# IR184 NRG TENDL-2015, AKONING

## Inelastic levels



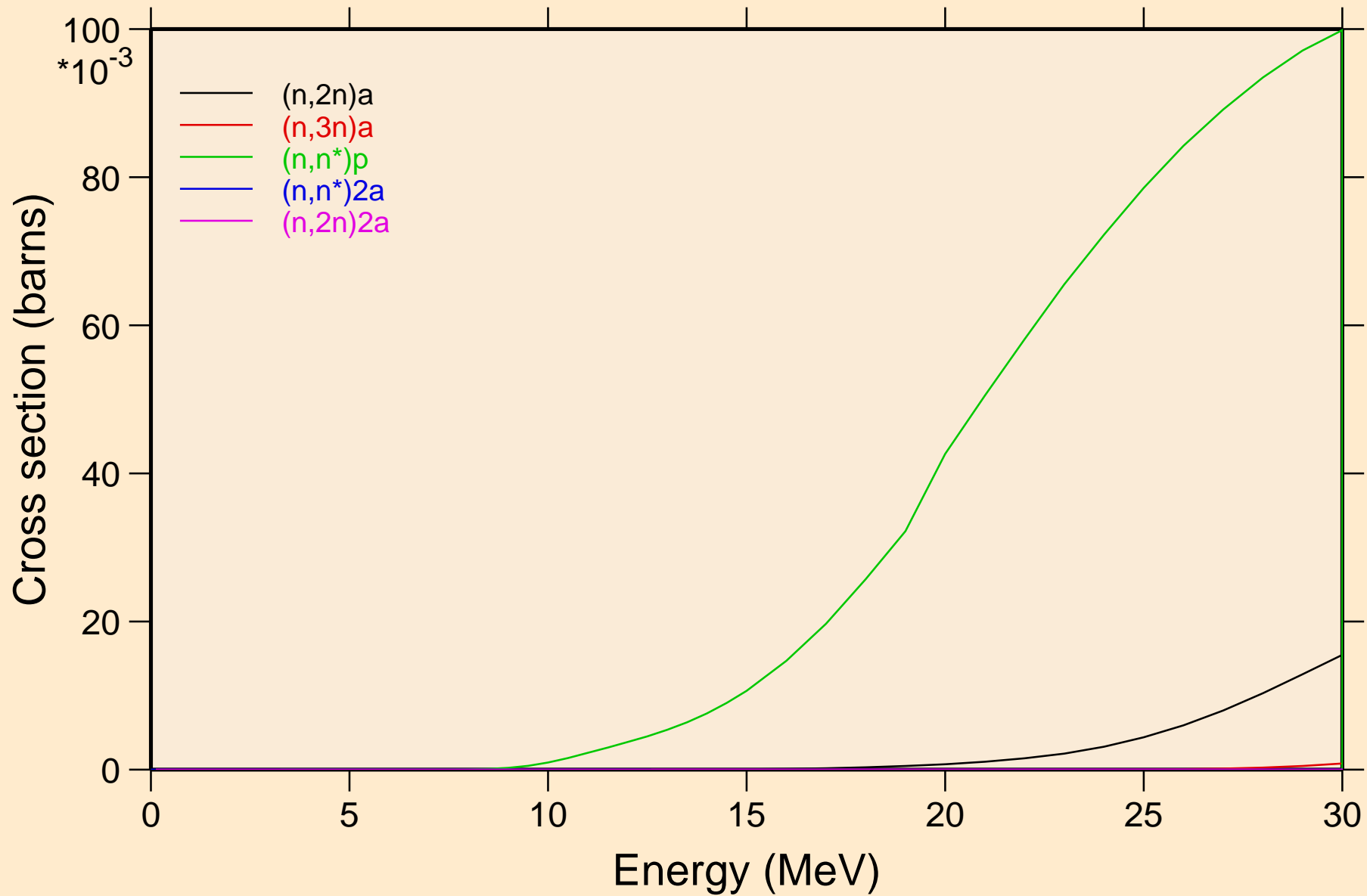
# IR184 NRG TENDL-2015, AKONING

## Threshold reactions



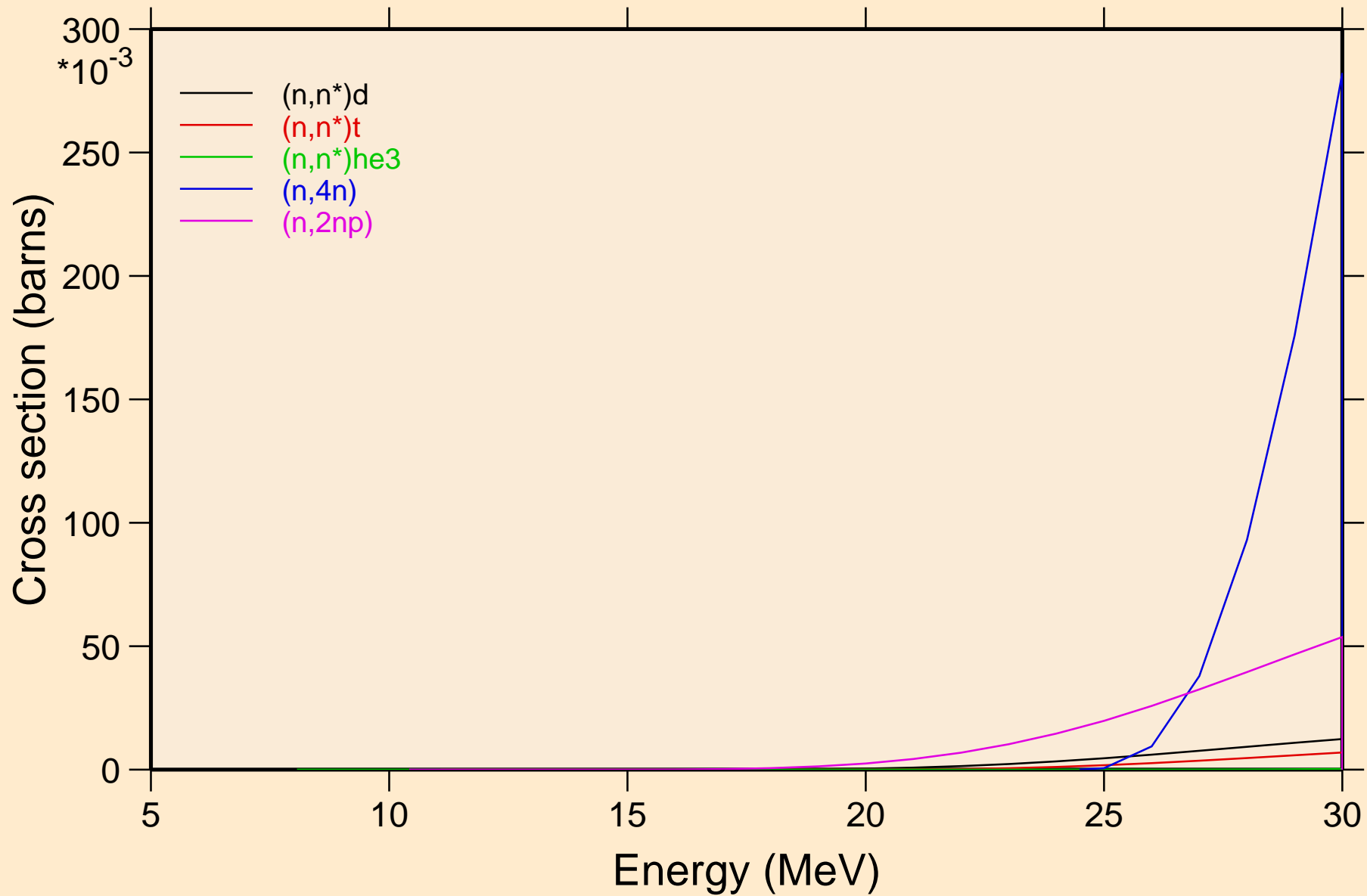
# IR184 NRG TENDL-2015, AKONING

## Threshold reactions



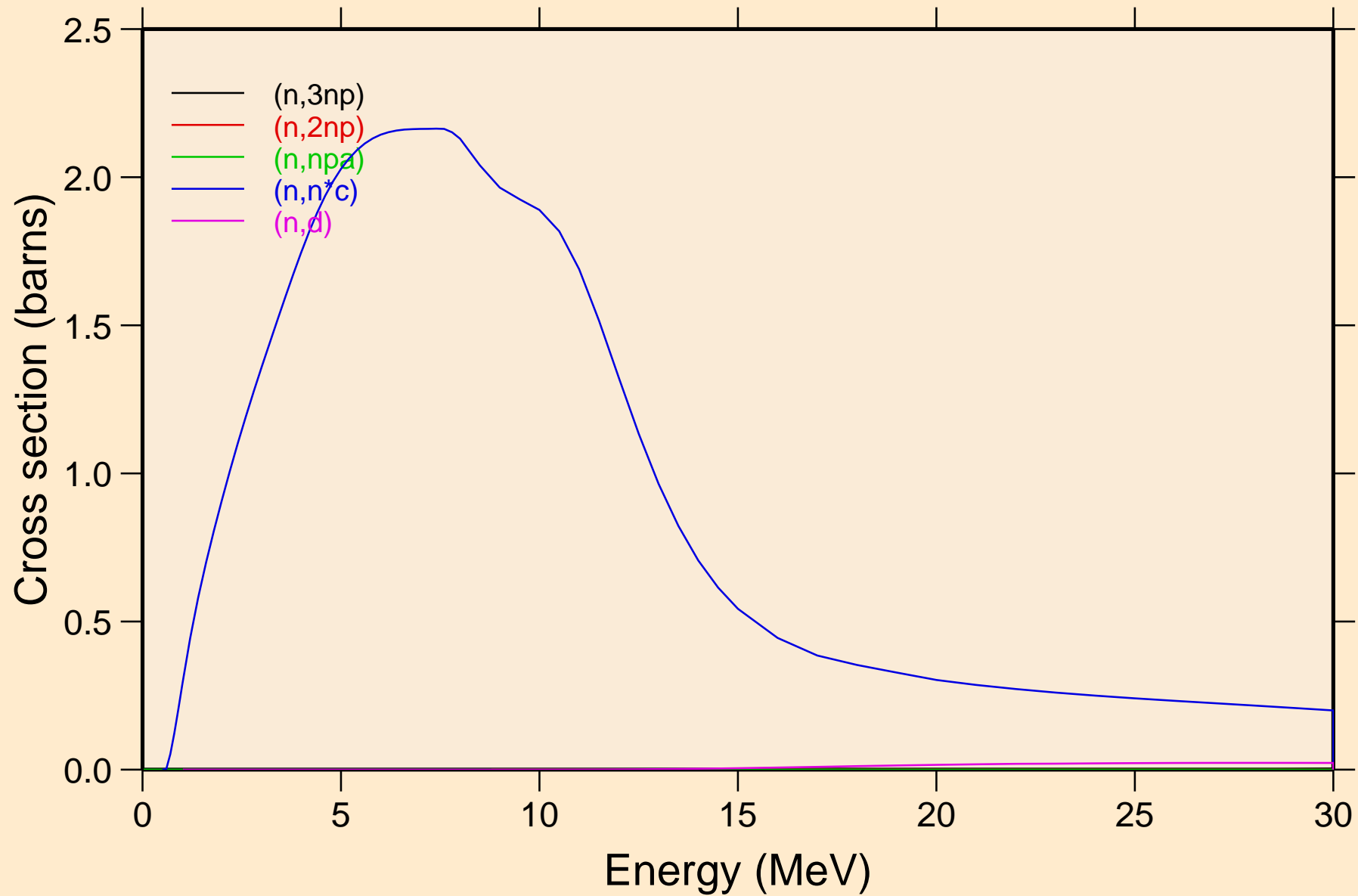
# IR184 NRG TENDL-2015, AKONING

## Threshold reactions



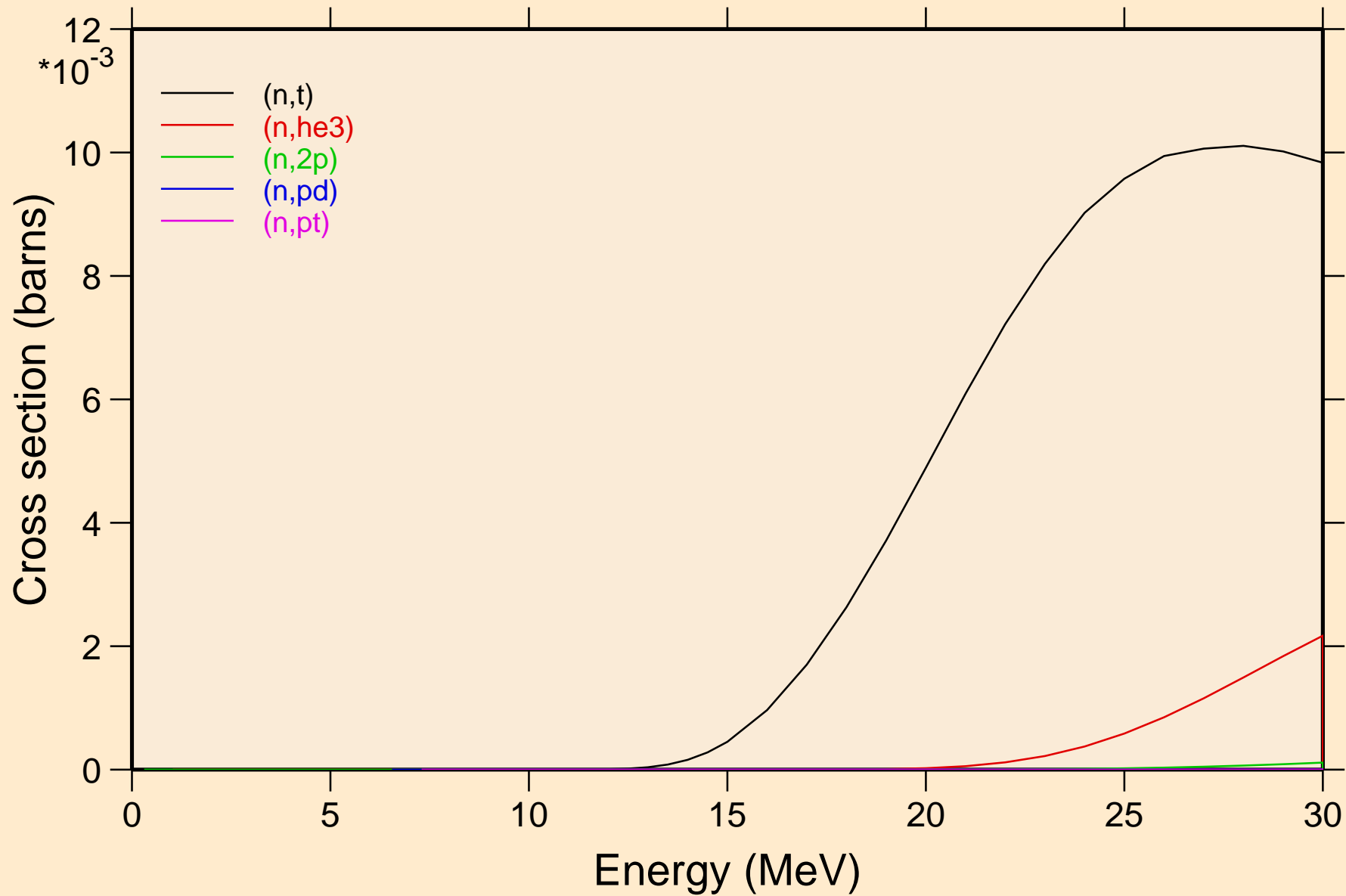
# IR184 NRG TENDL-2015, AKONING

## Threshold reactions



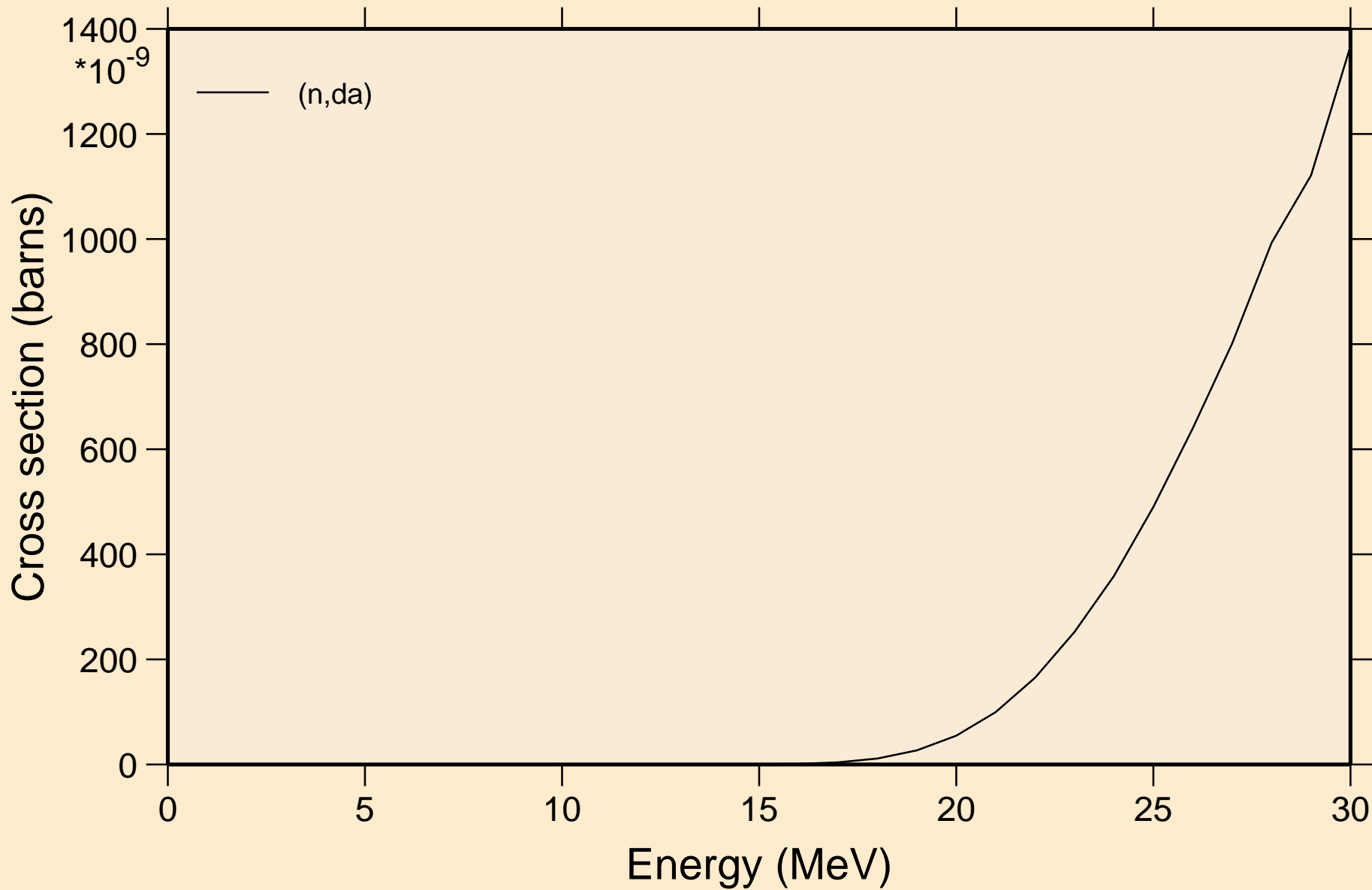
# IR184 NRG TENDL-2015, AKONING

## Threshold reactions

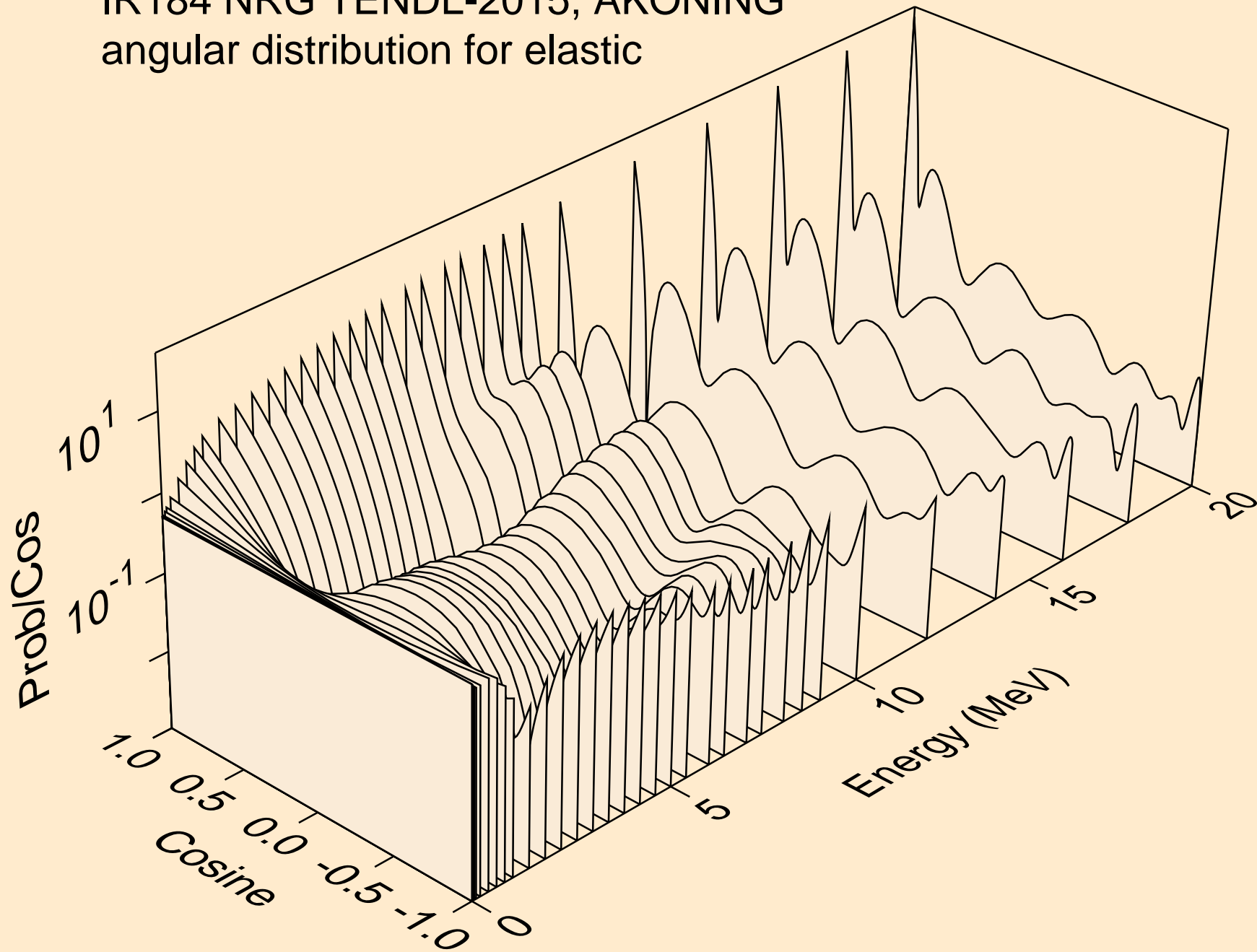


# IR184 NRG TENDL-2015, AKONING

## Threshold reactions

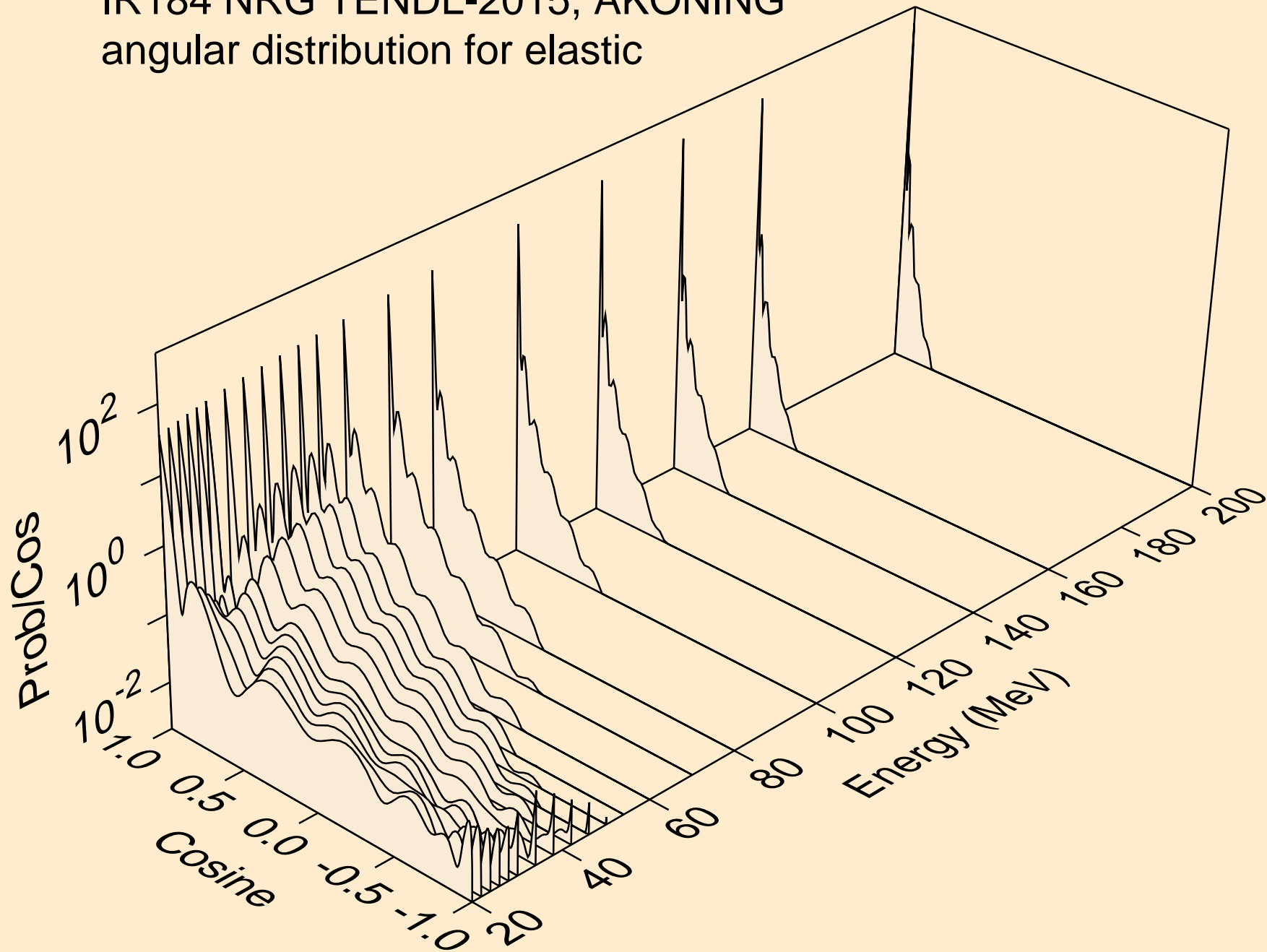


IR184 NRG TENDL-2015, AKONING  
angular distribution for elastic

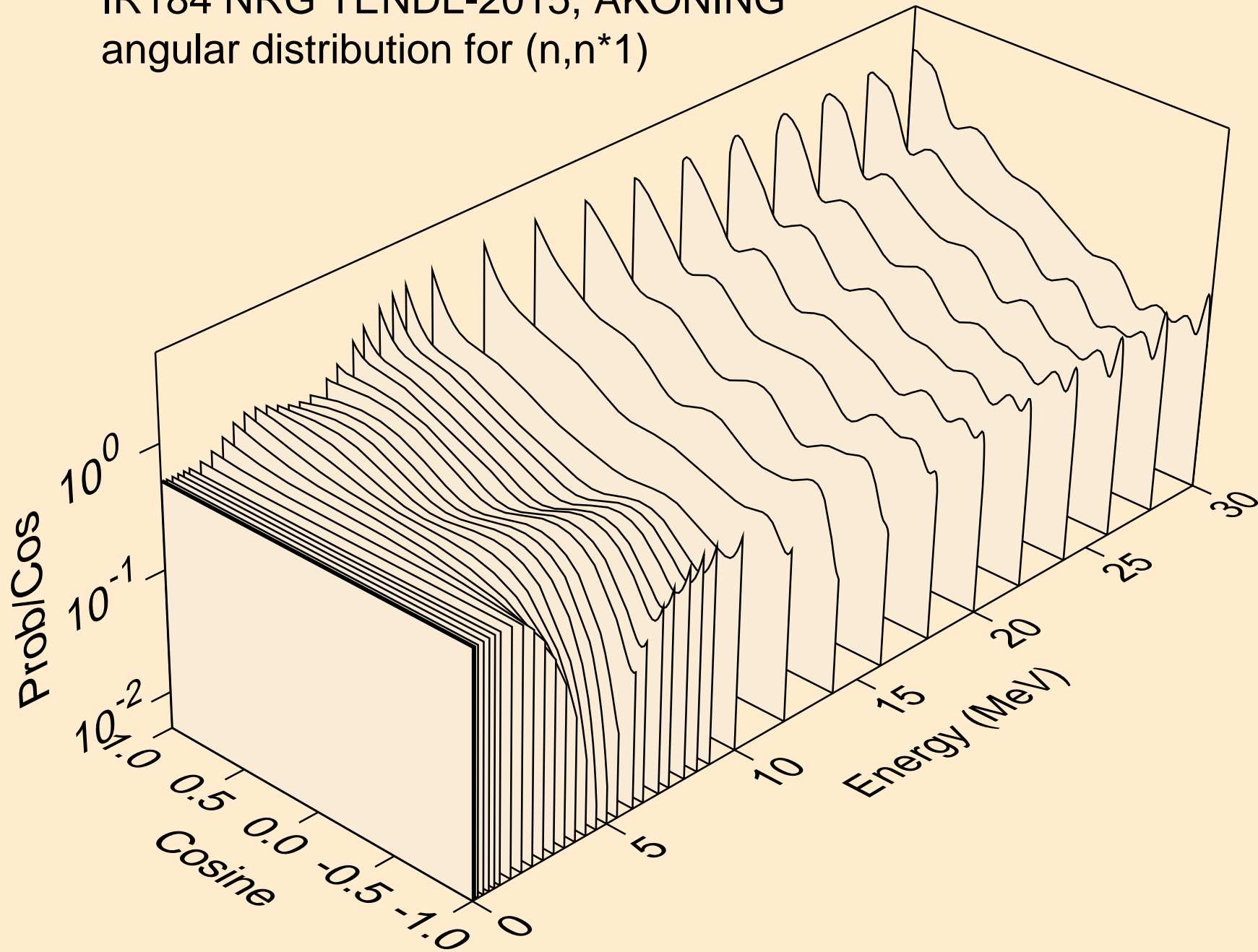




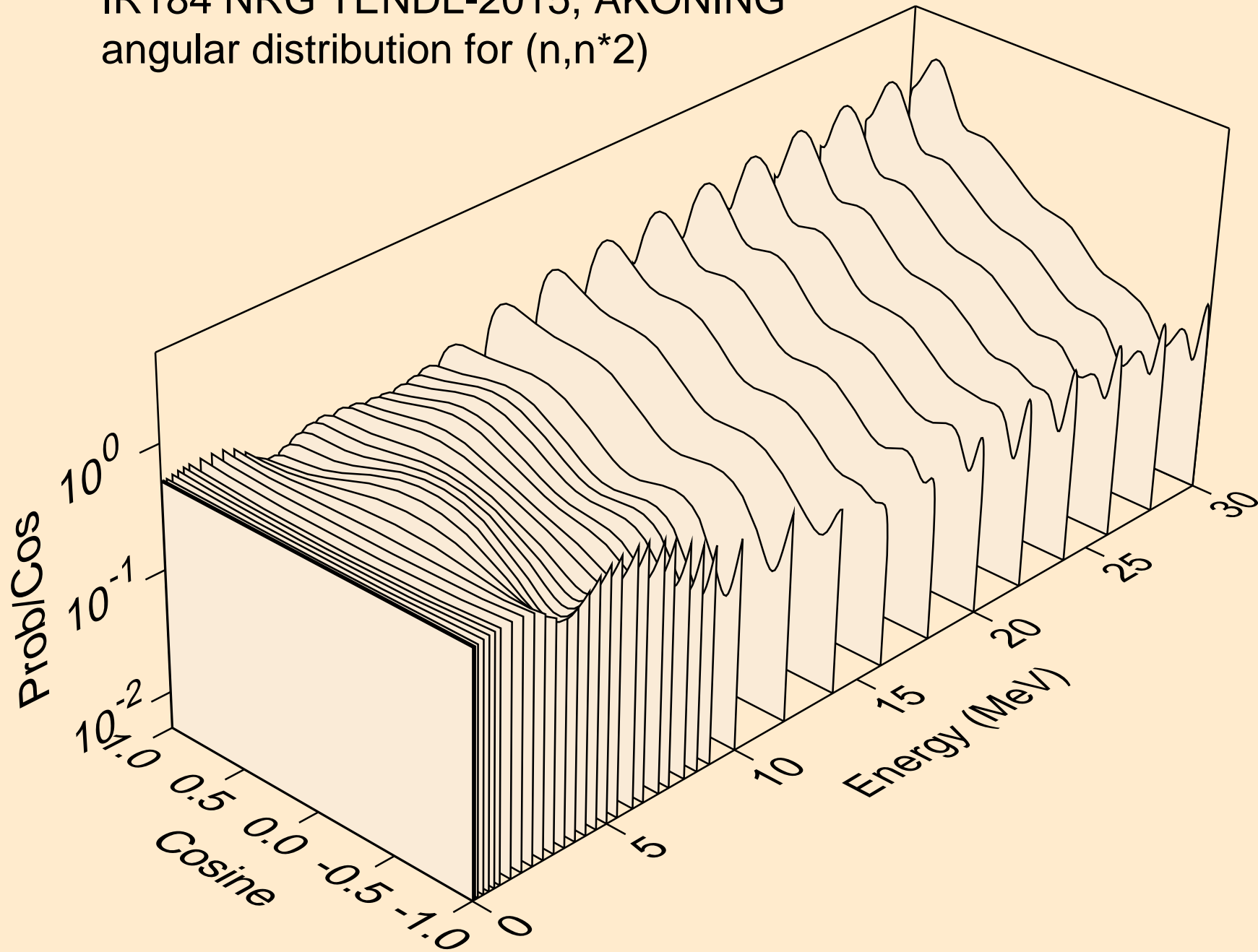
IR184 NRG TENDL-2015, AKONING  
angular distribution for elastic



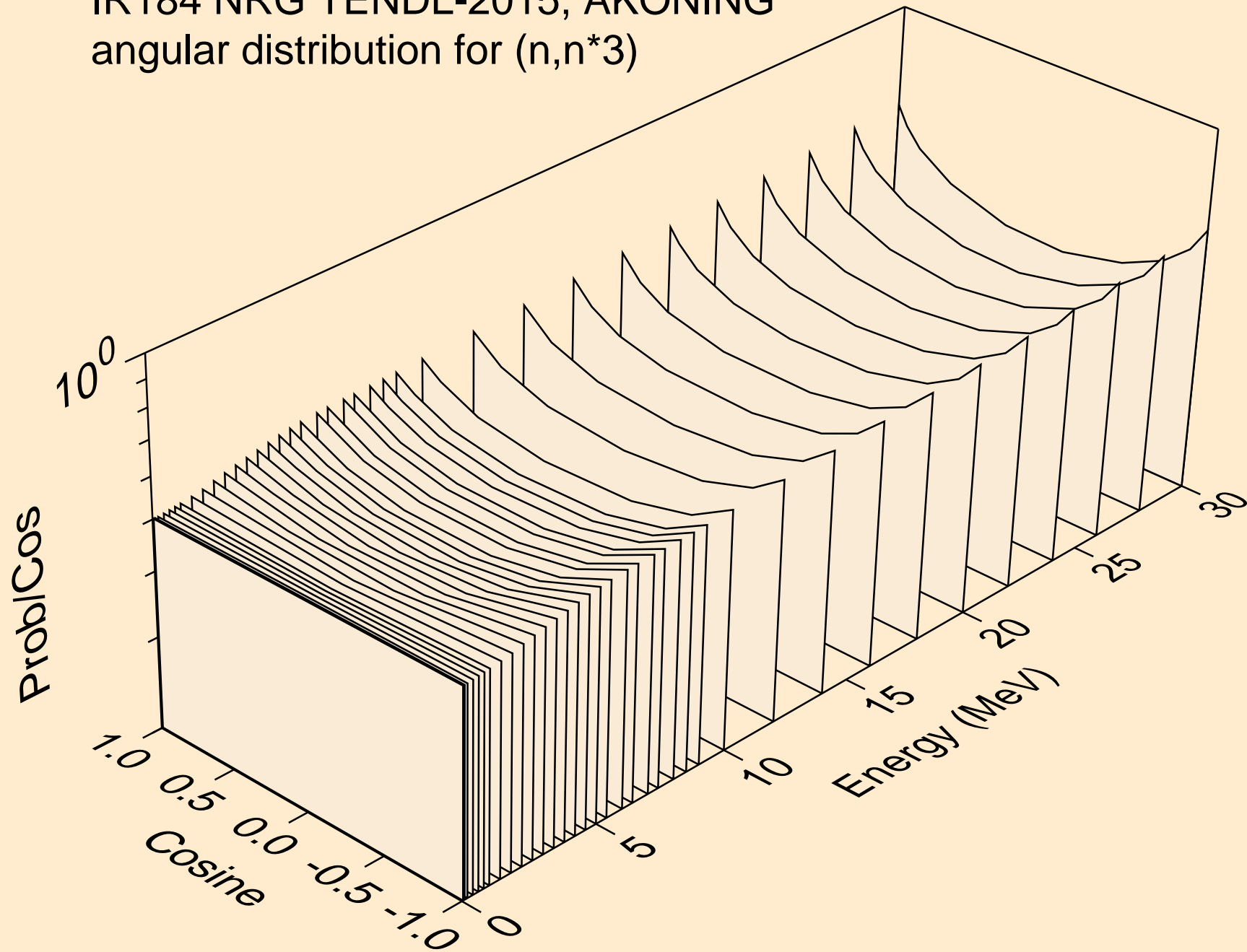
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



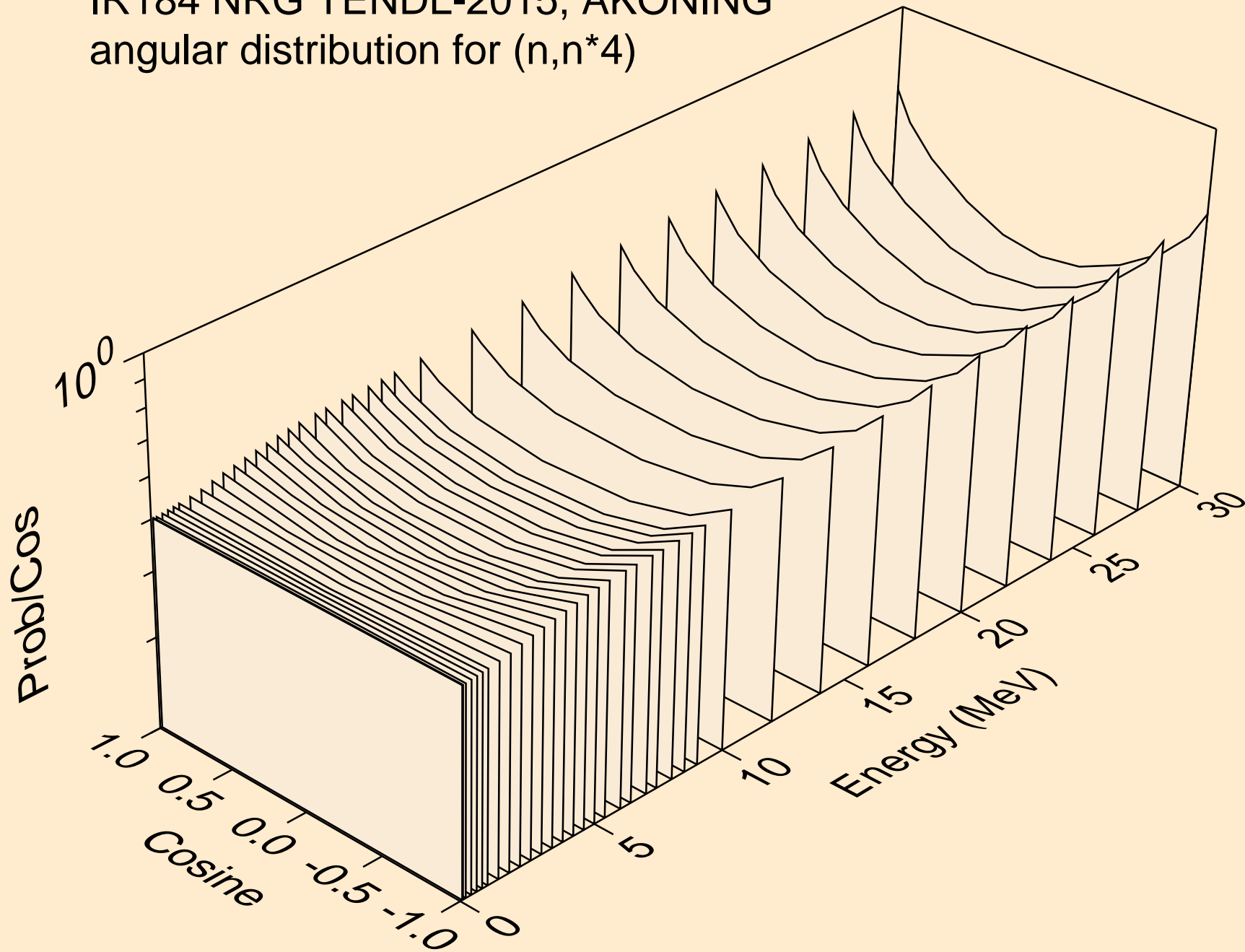
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



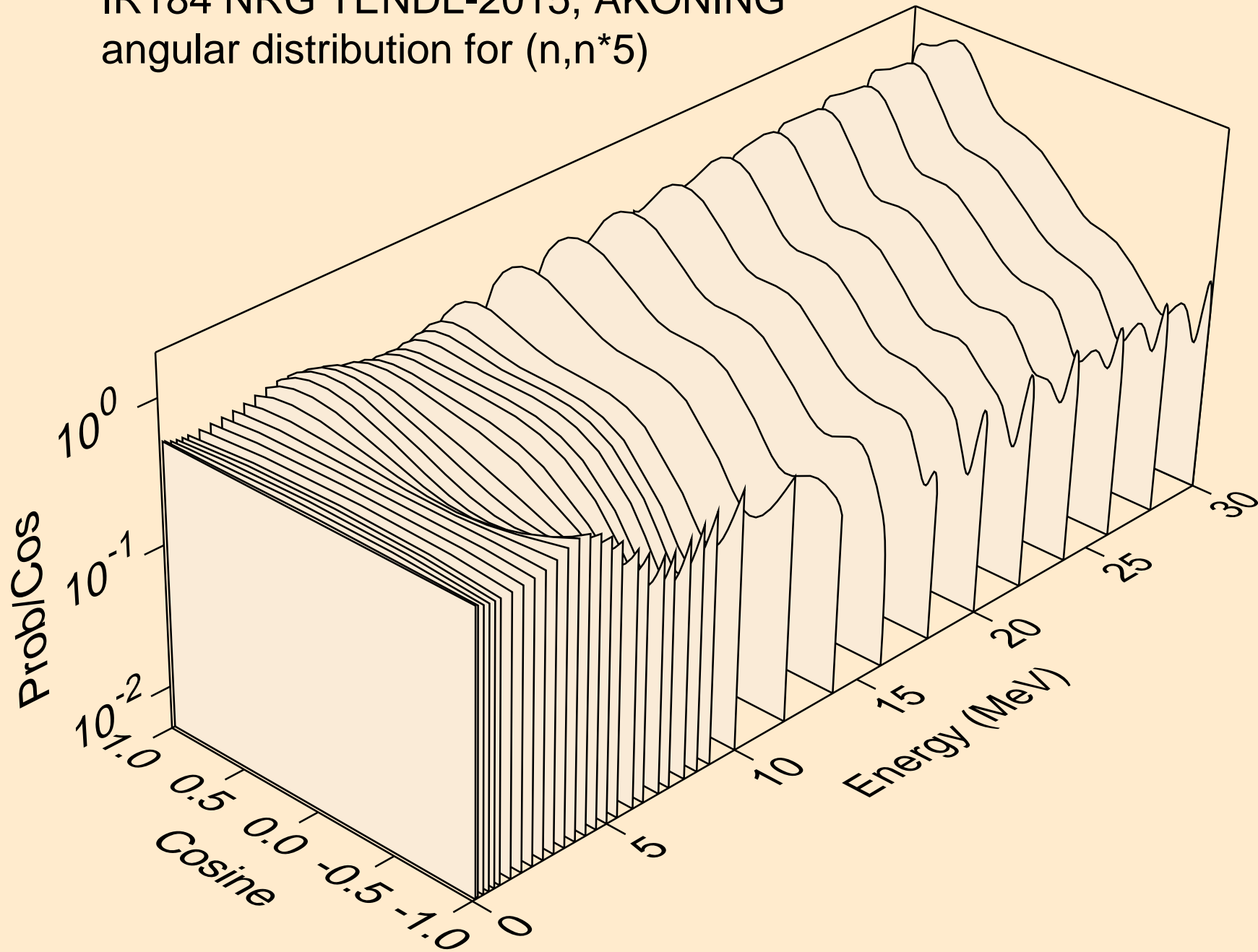
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



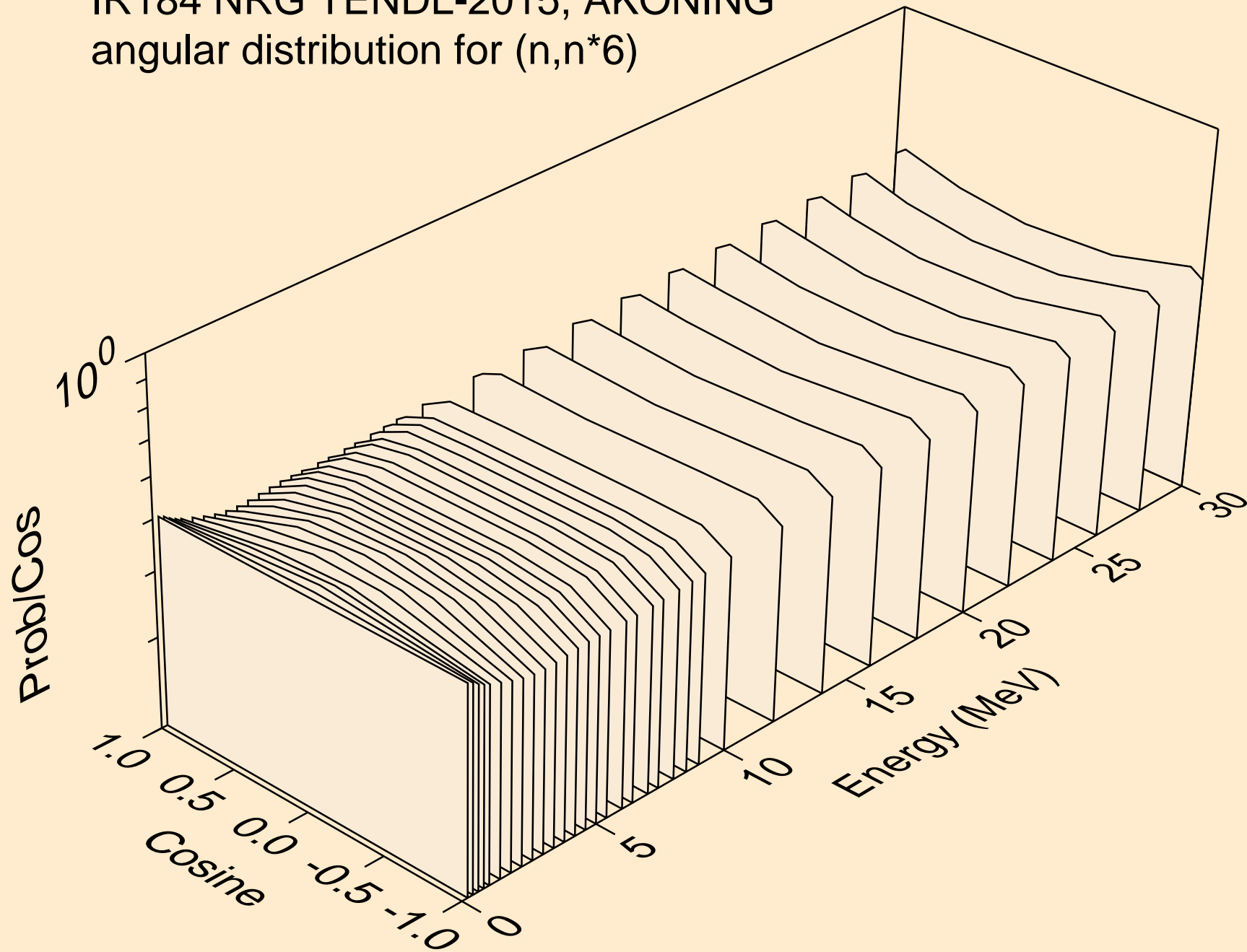
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



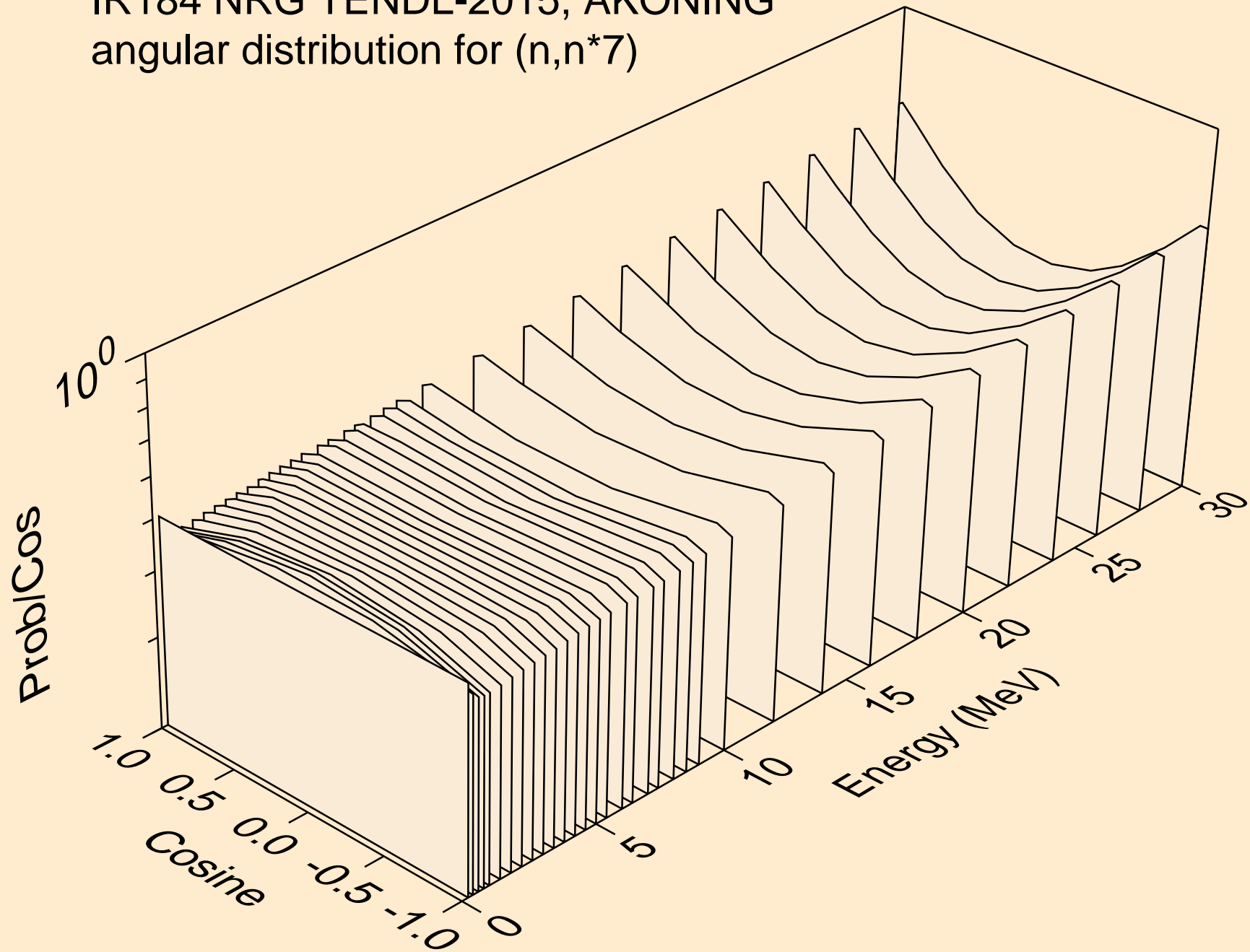
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

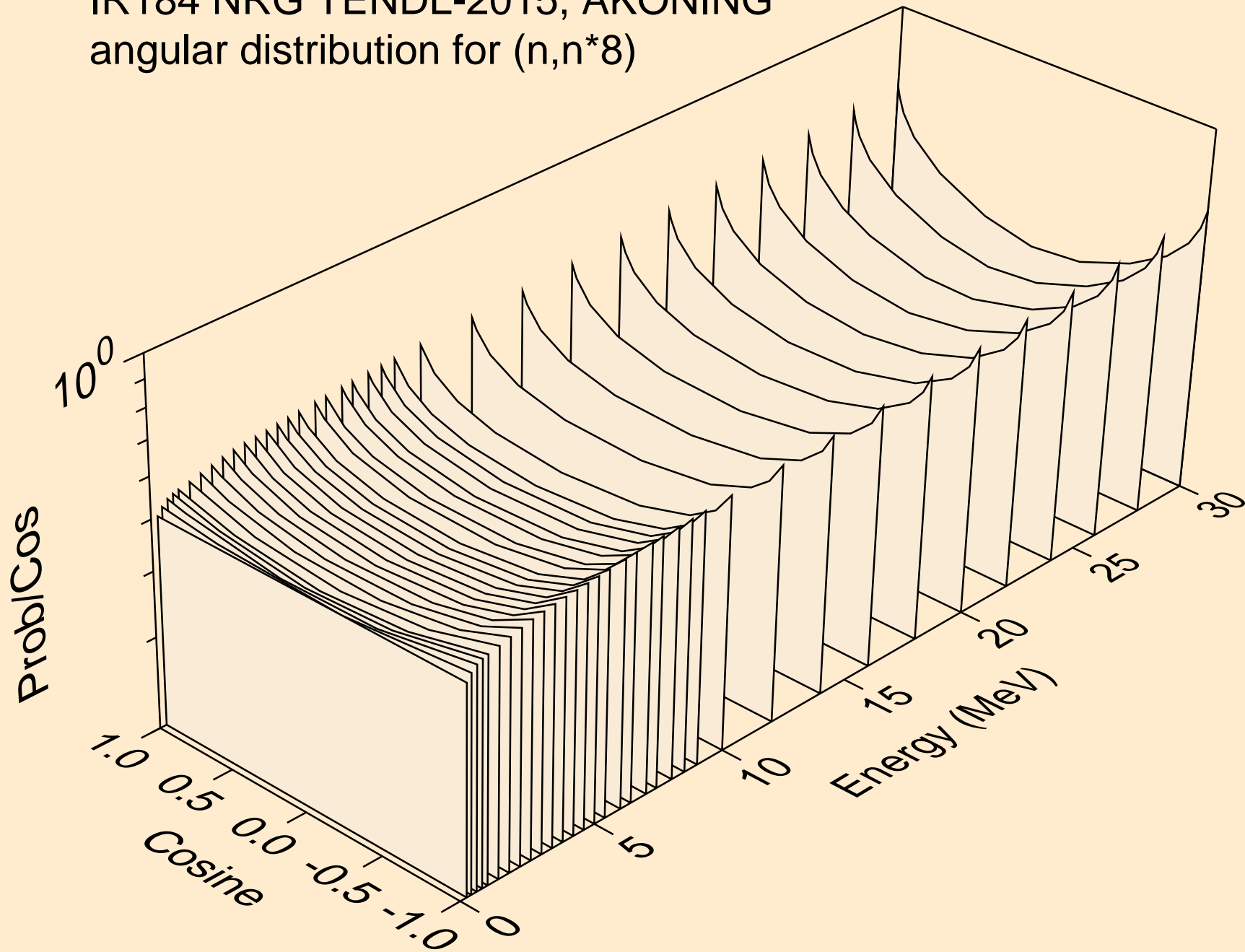


IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

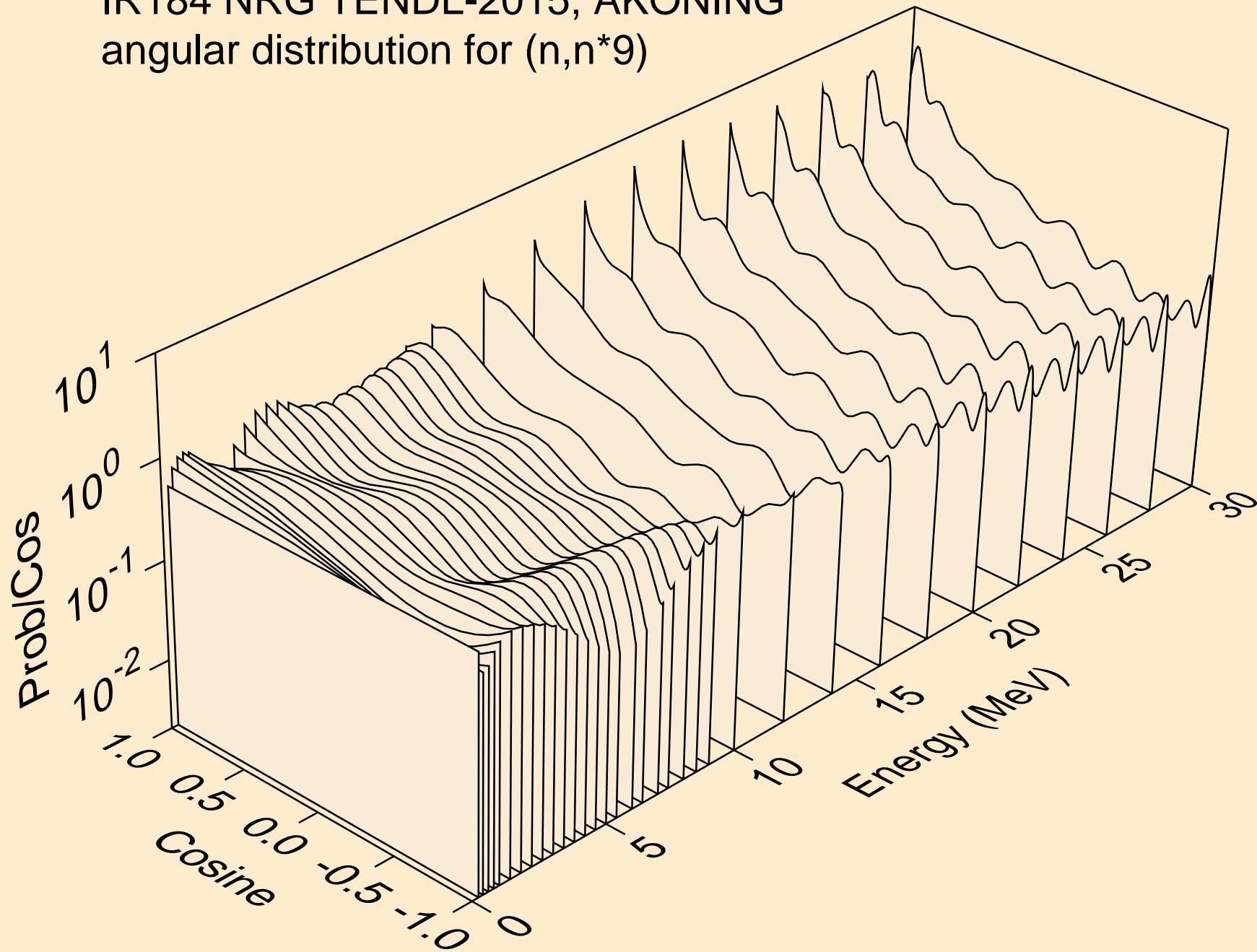




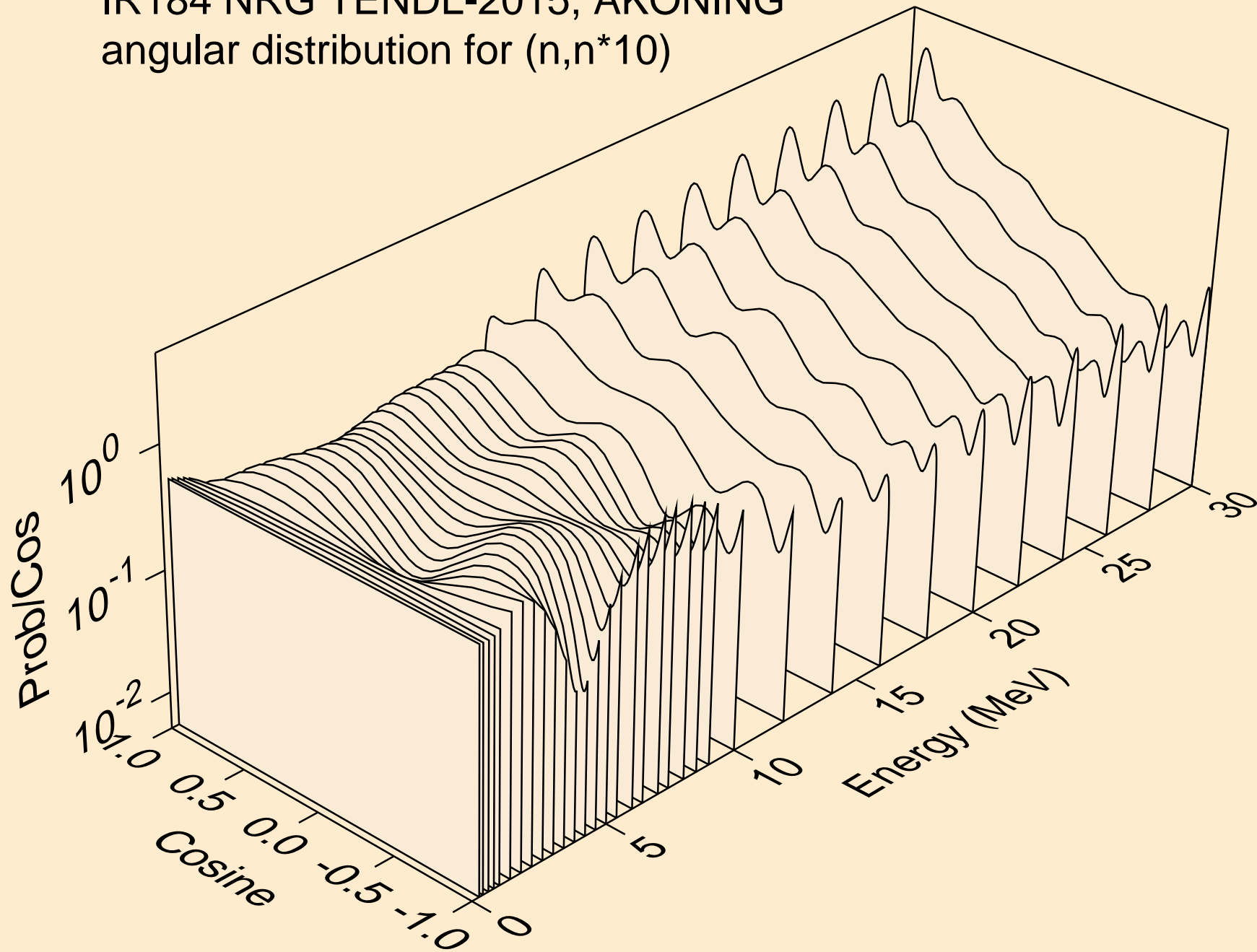
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



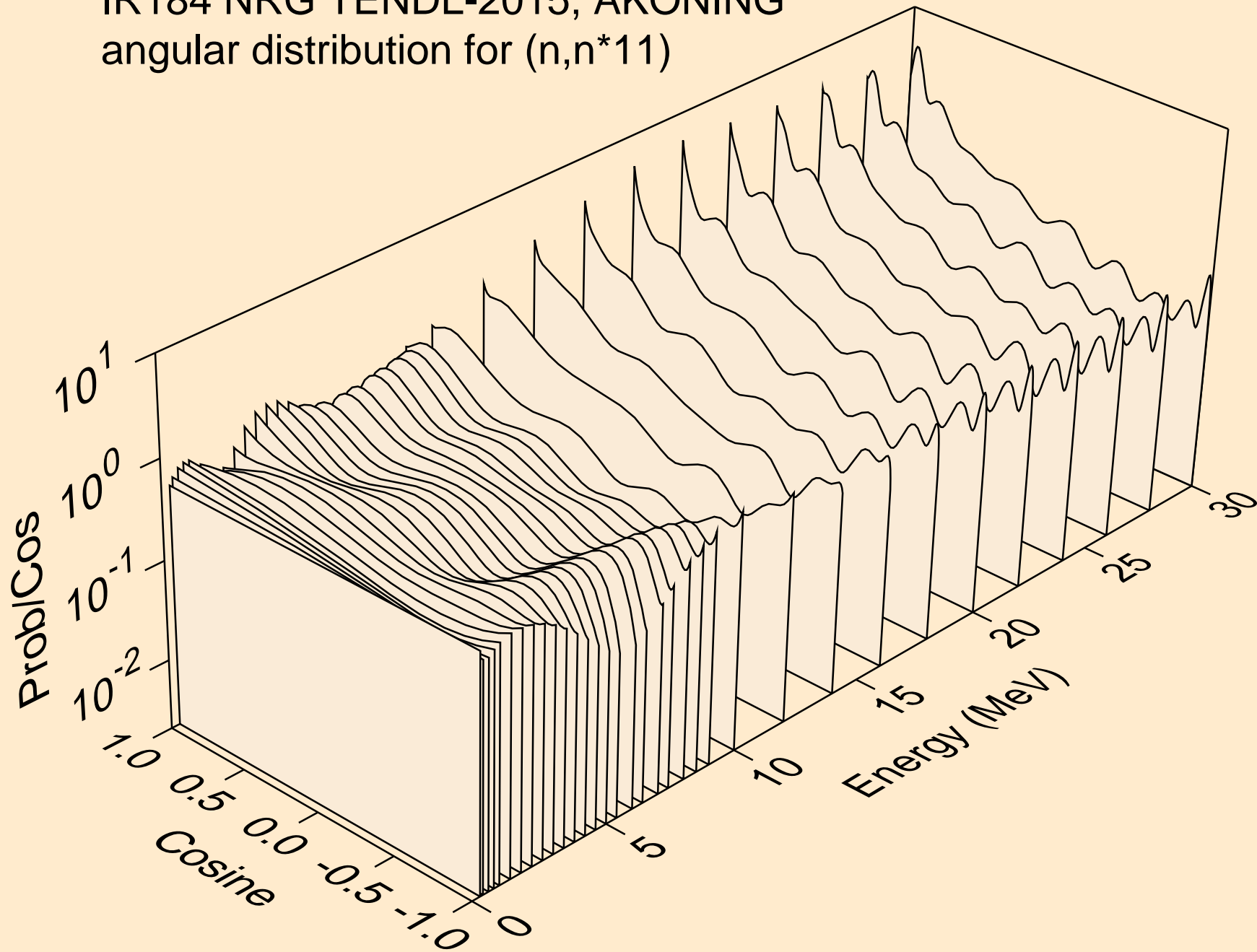
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



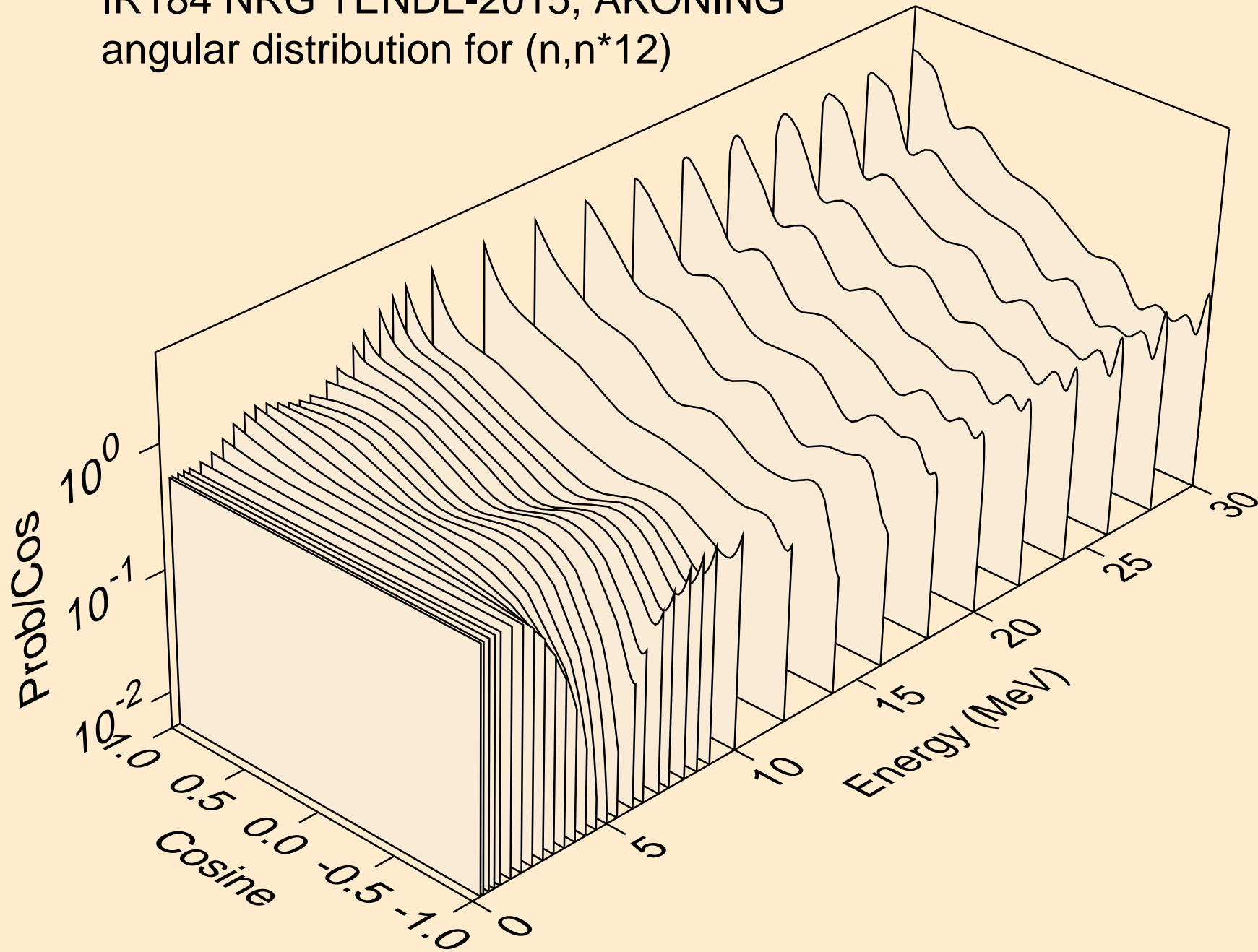
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



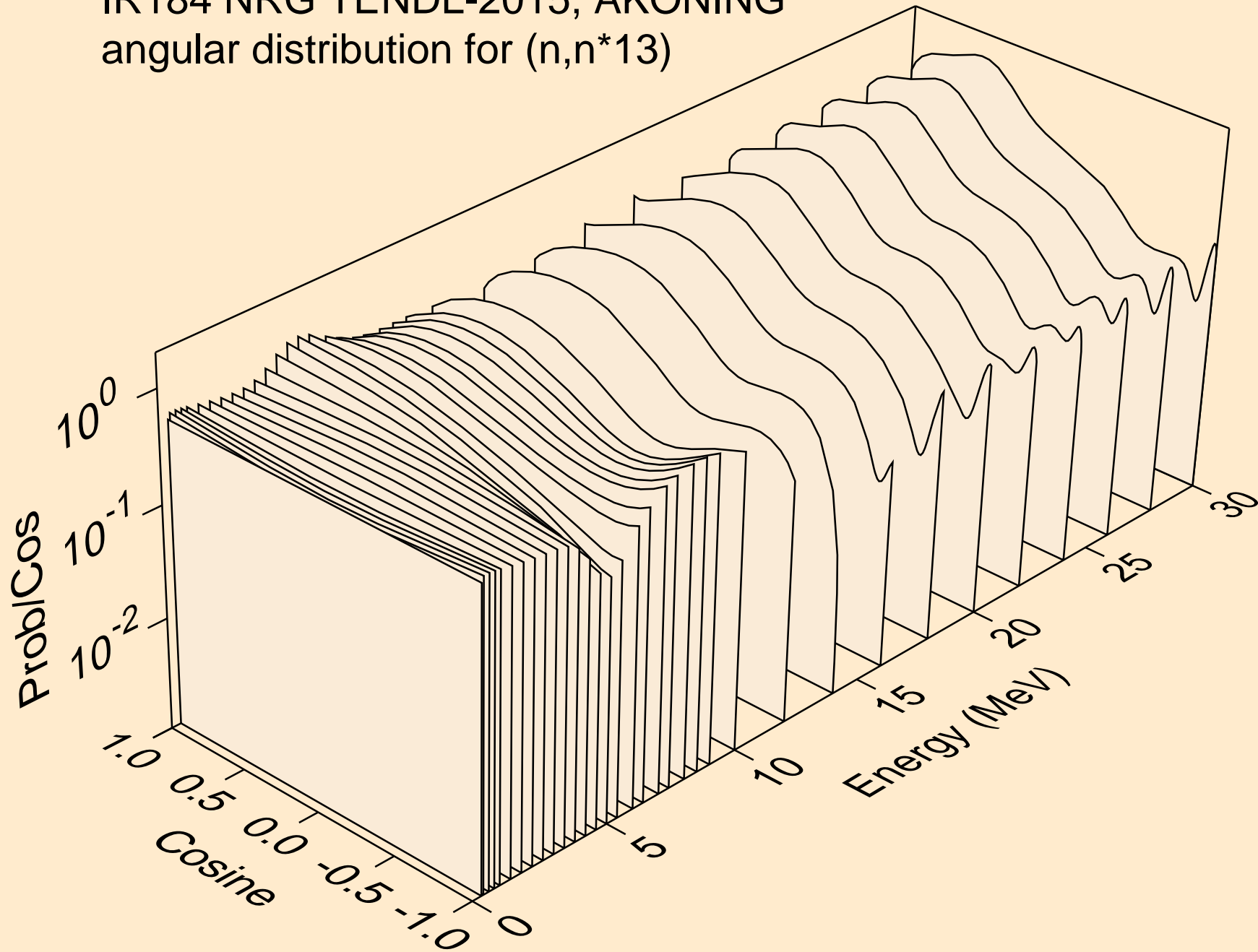
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



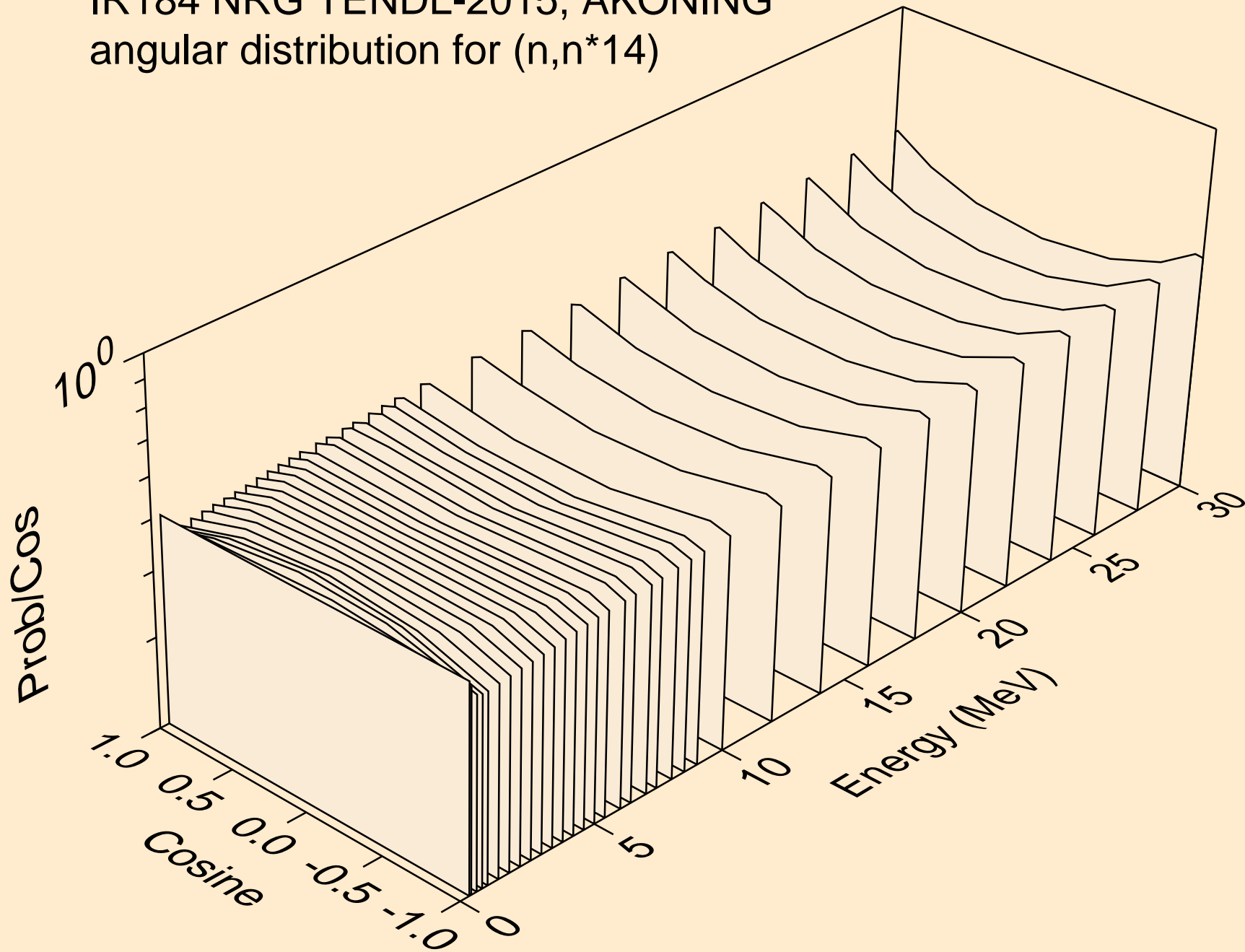
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



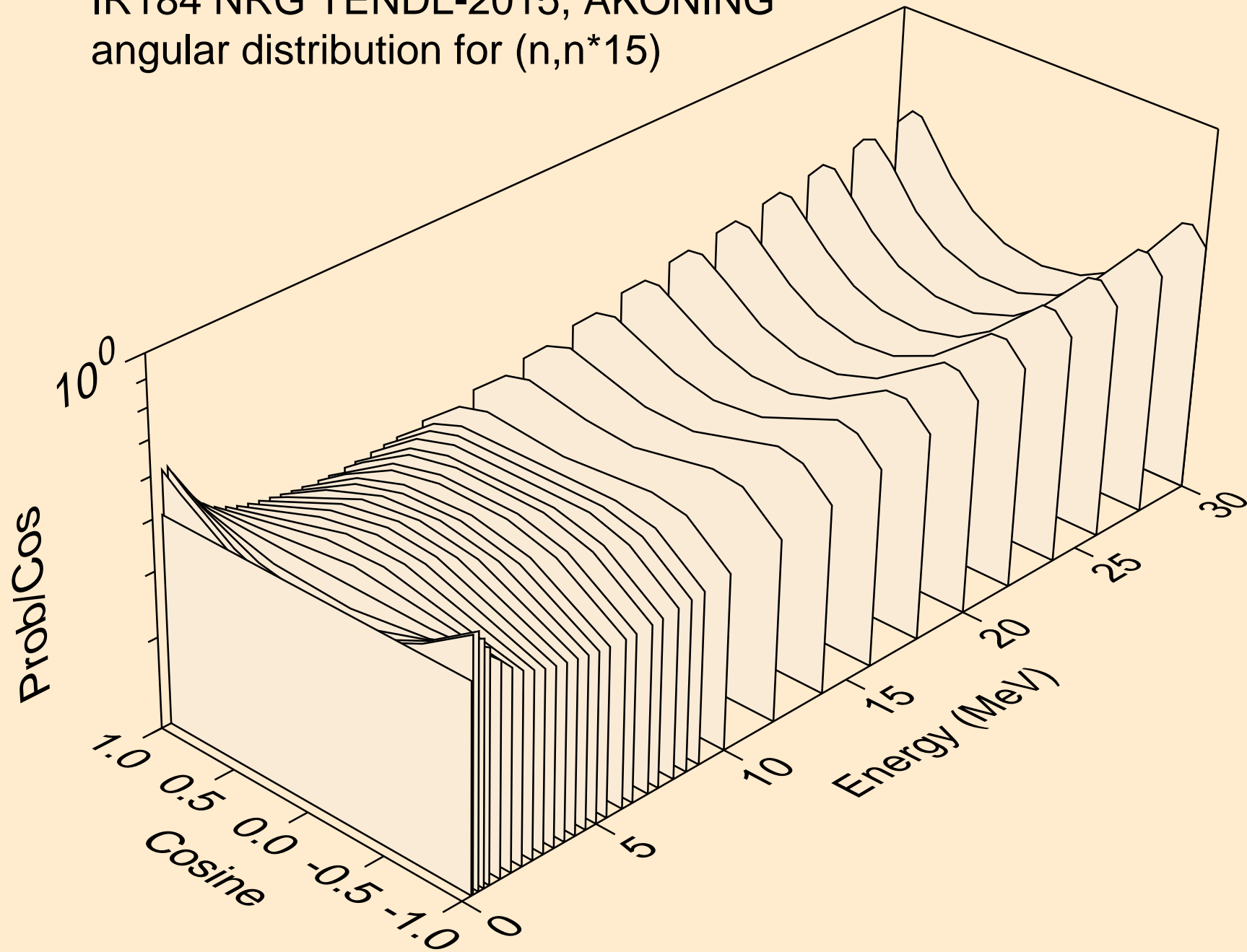
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

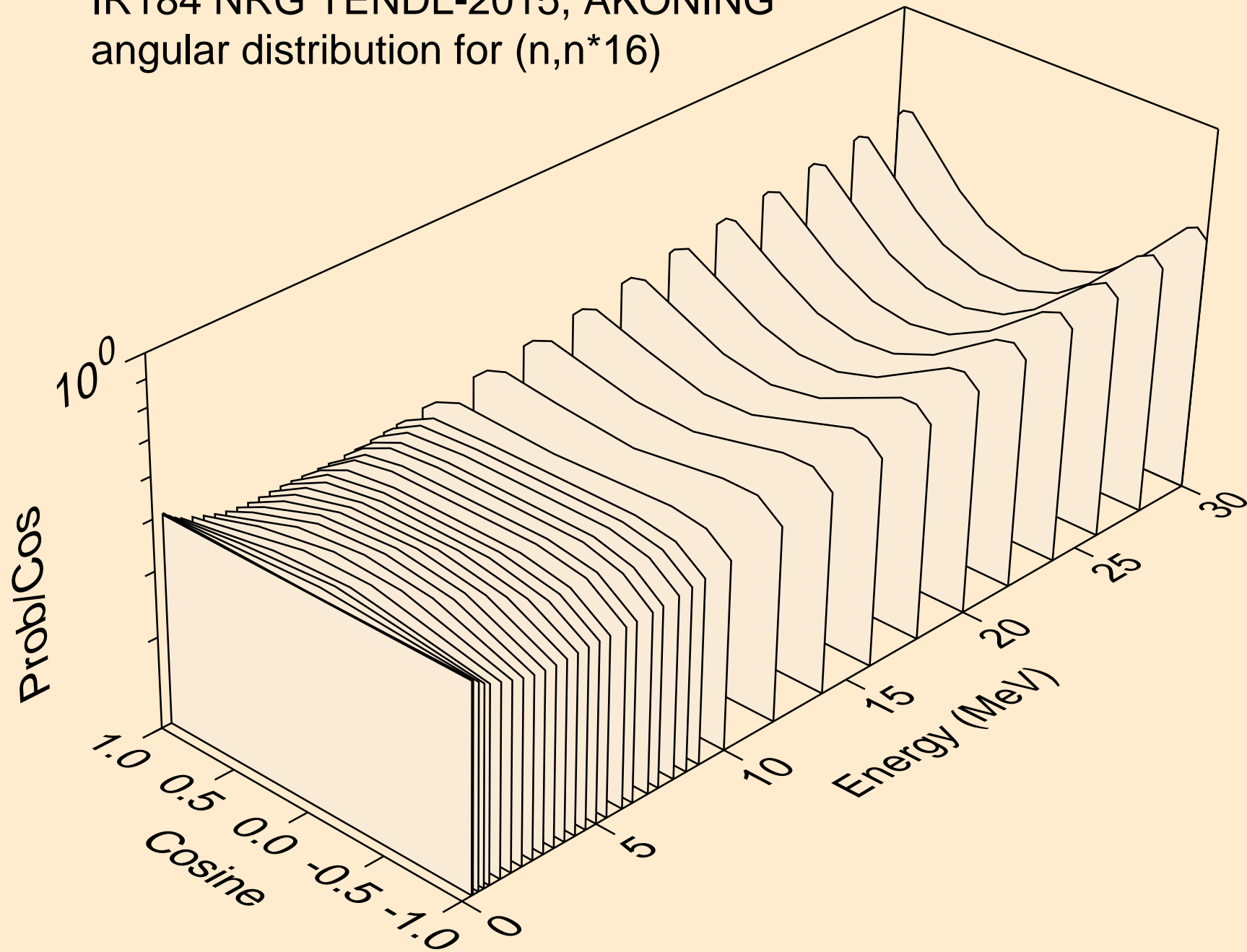


IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

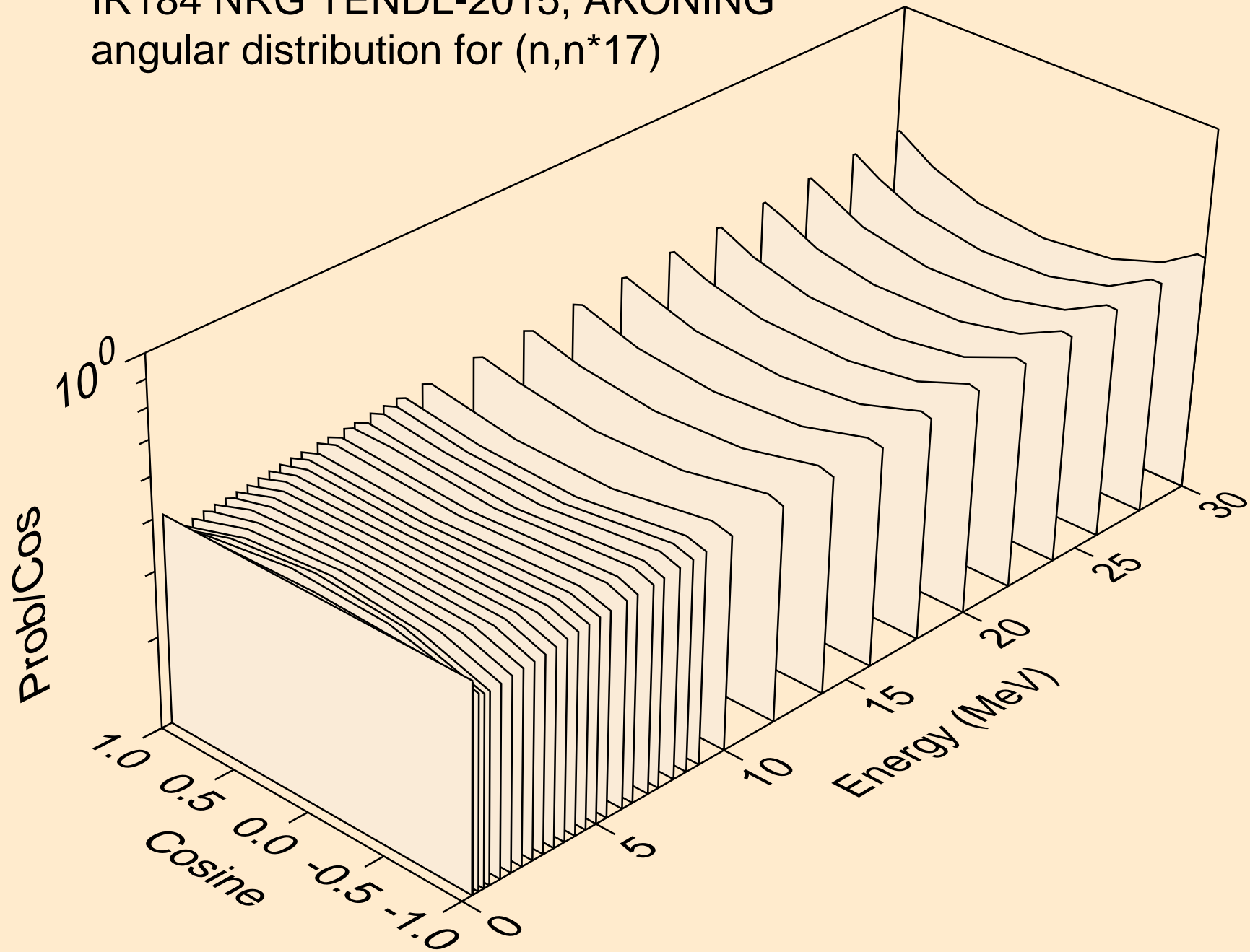




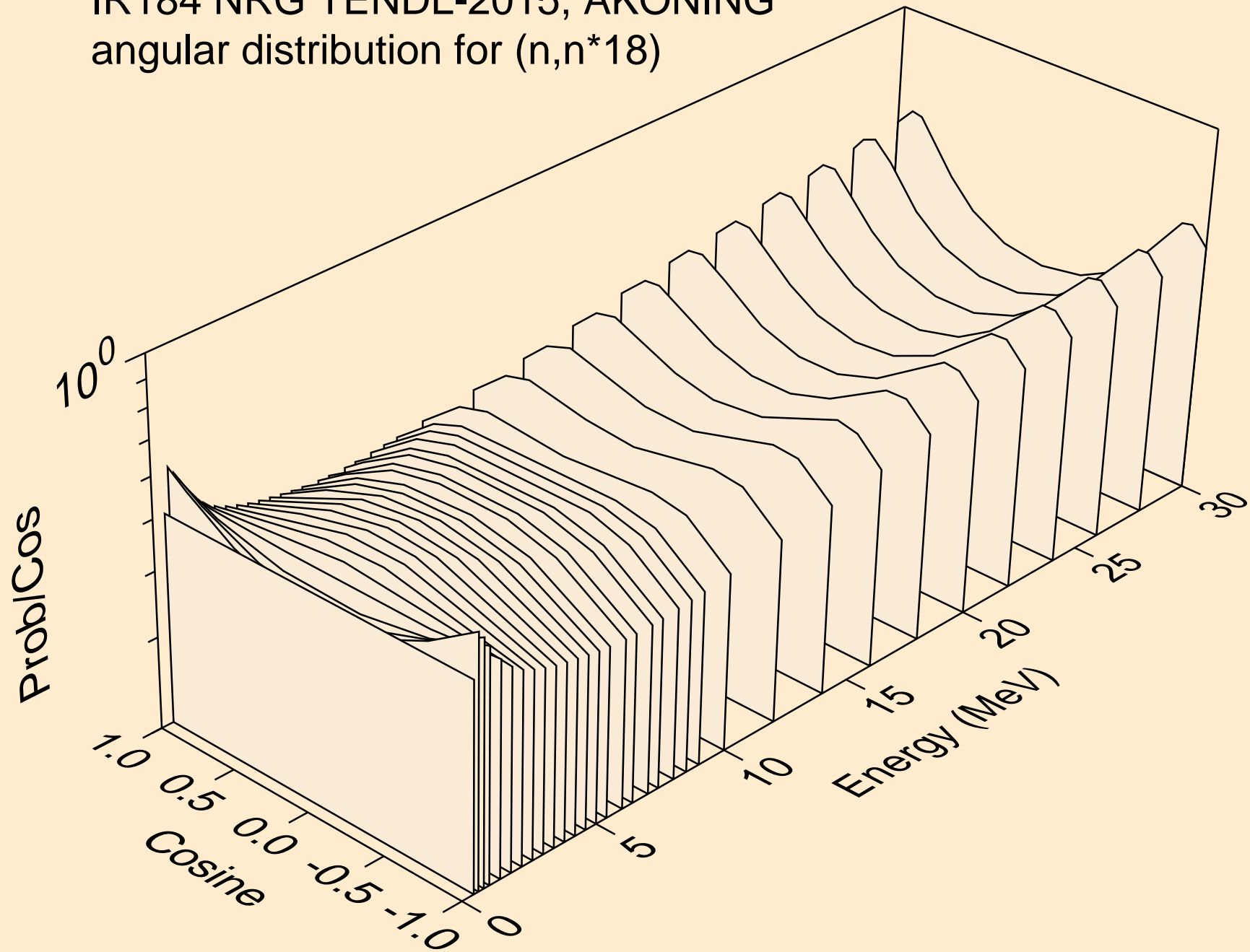
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angular distribution for (n,n\*16)



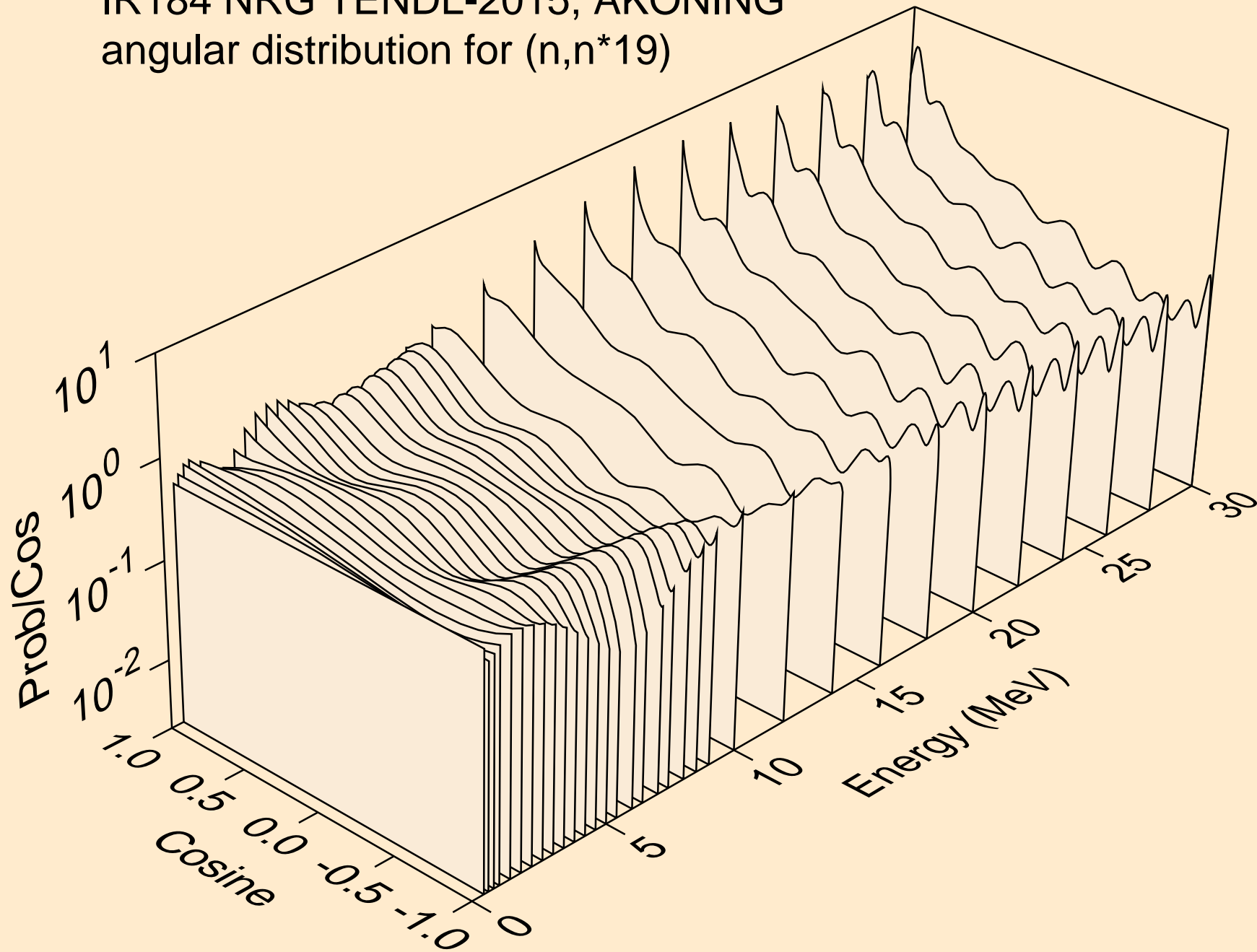
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



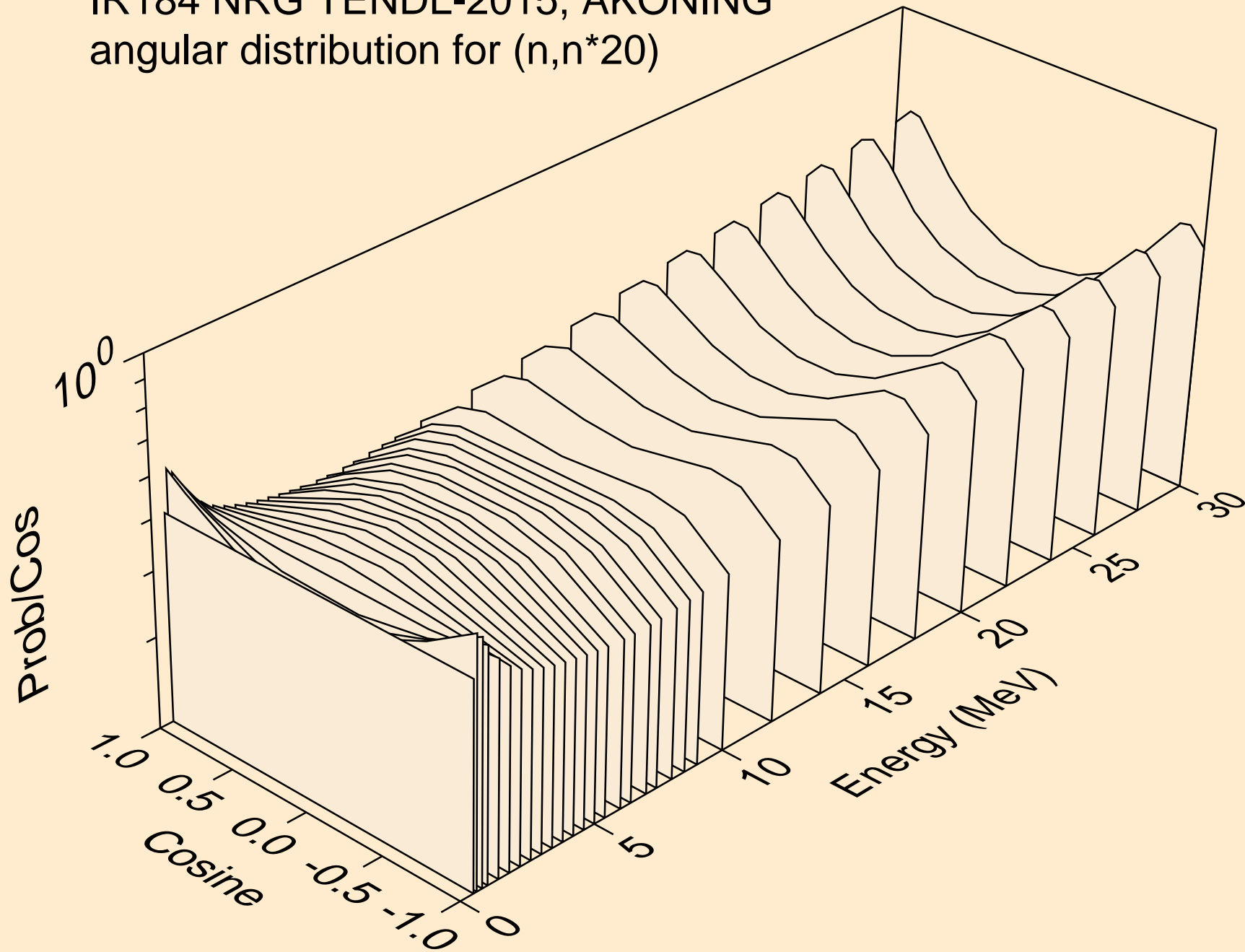
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



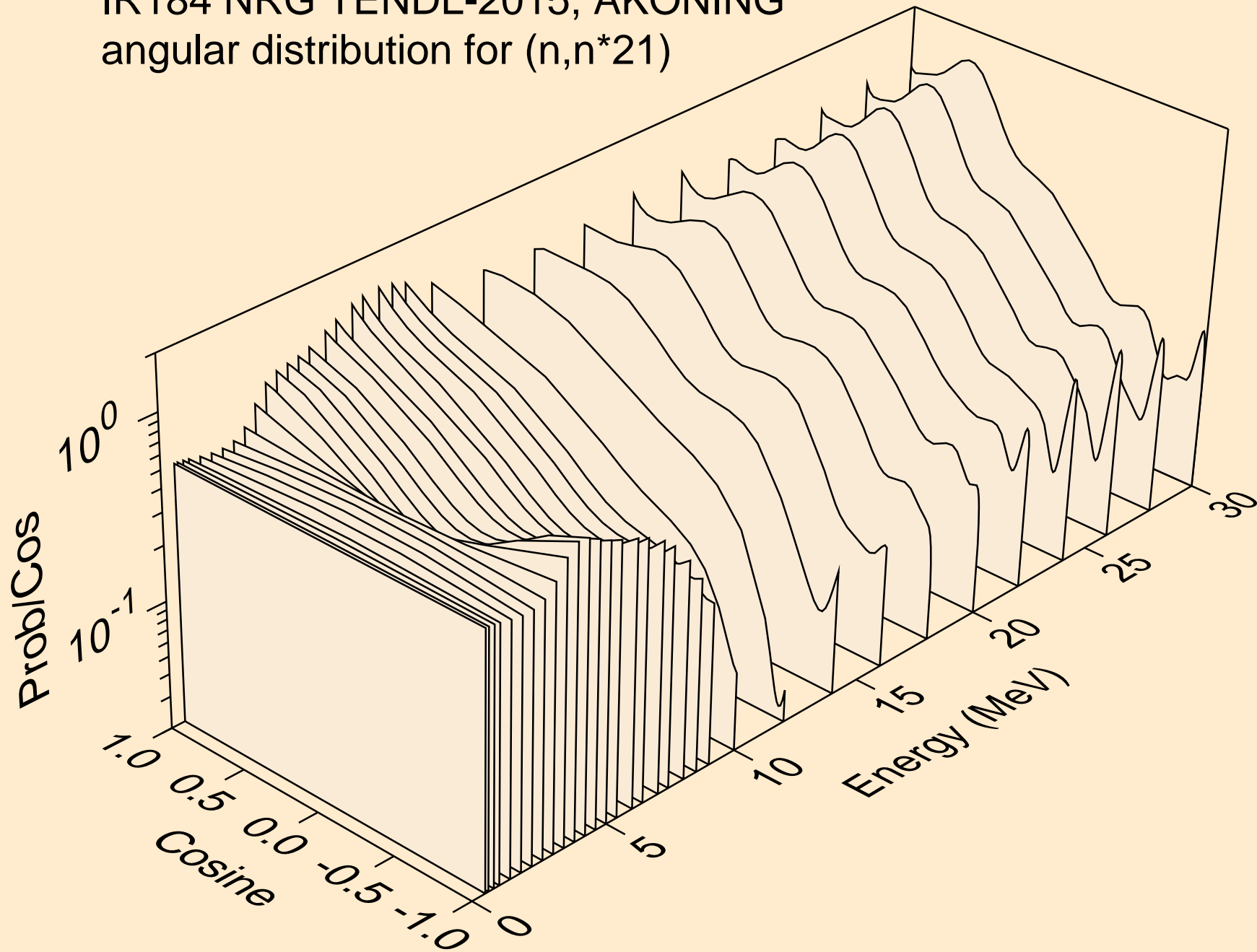
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



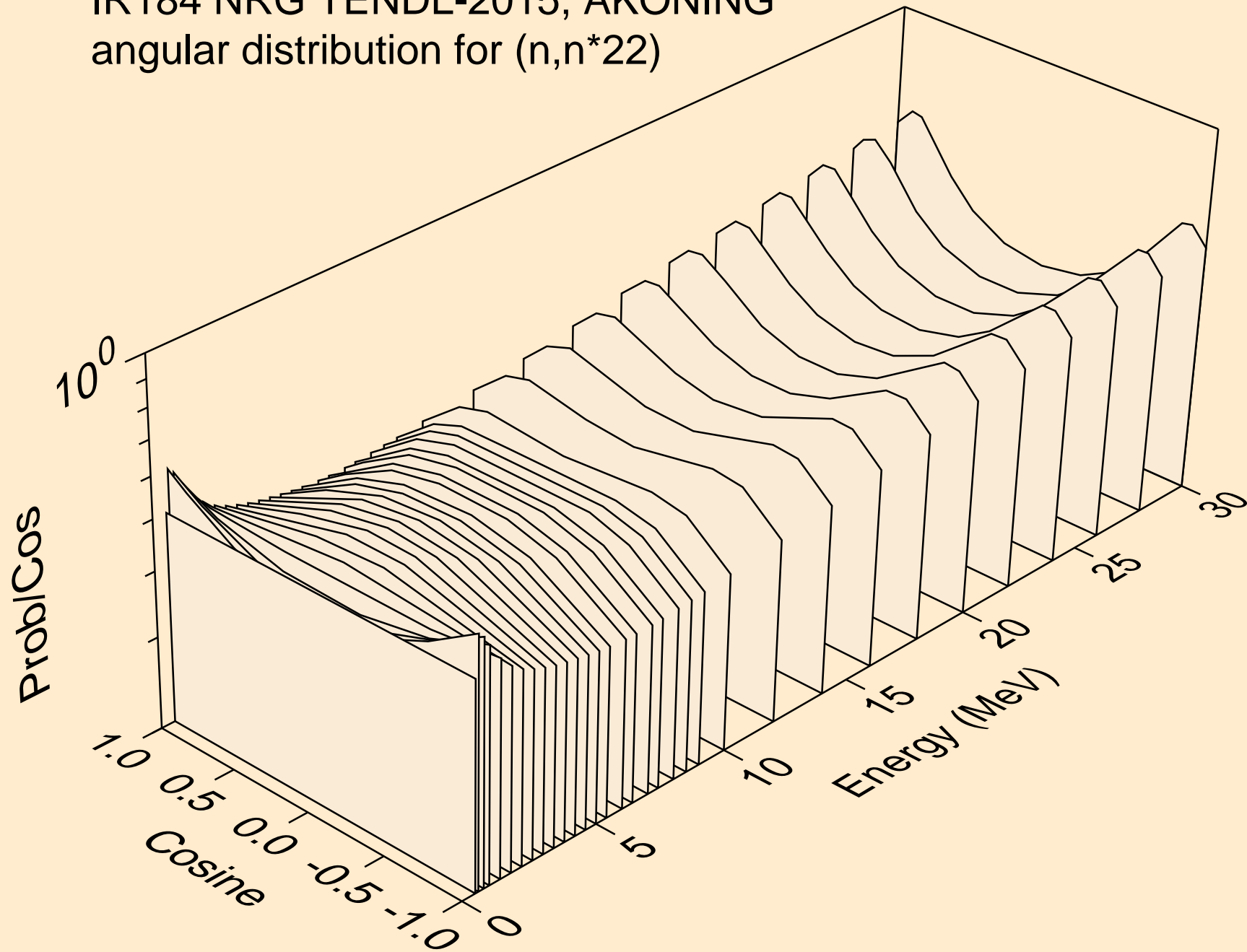
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



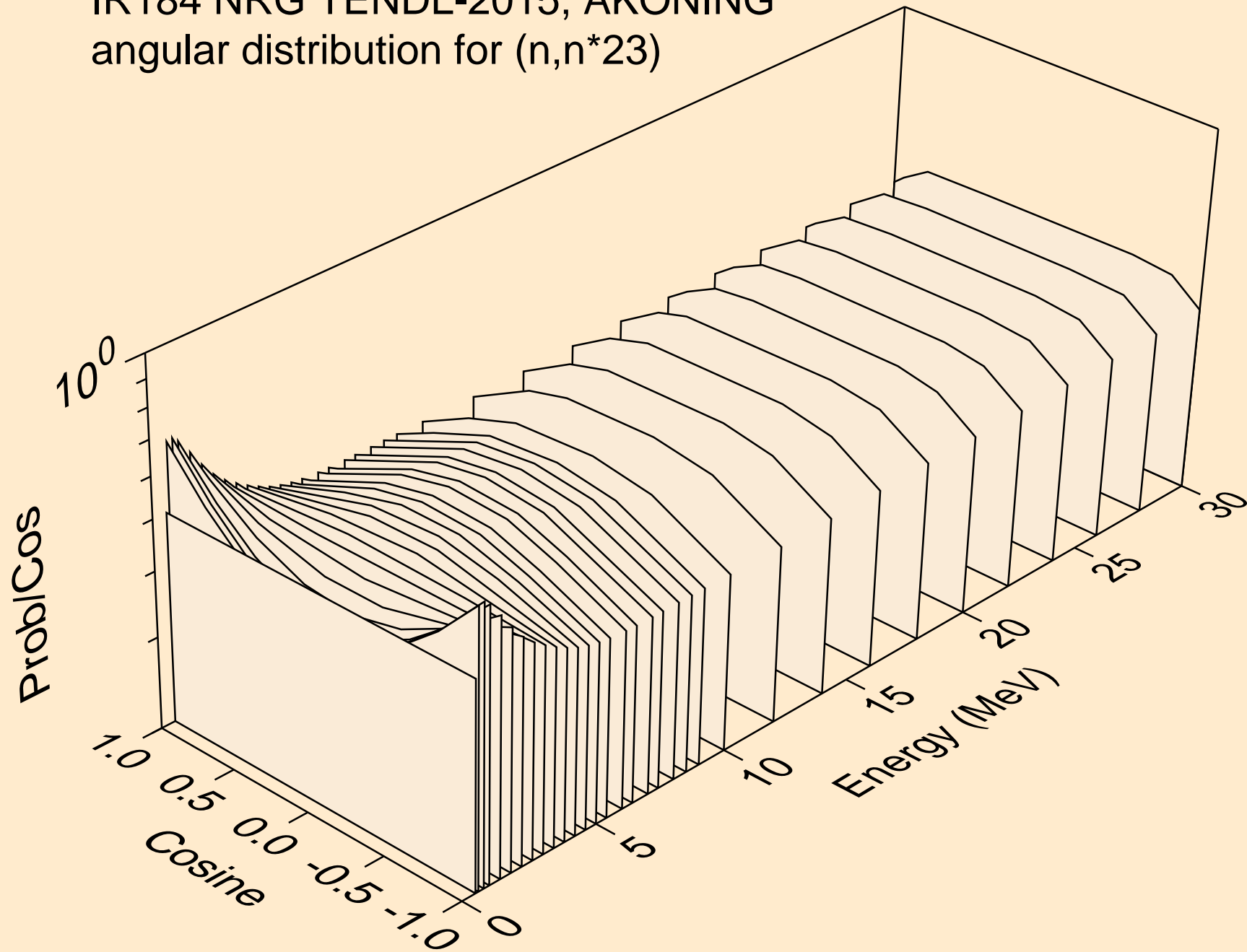
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

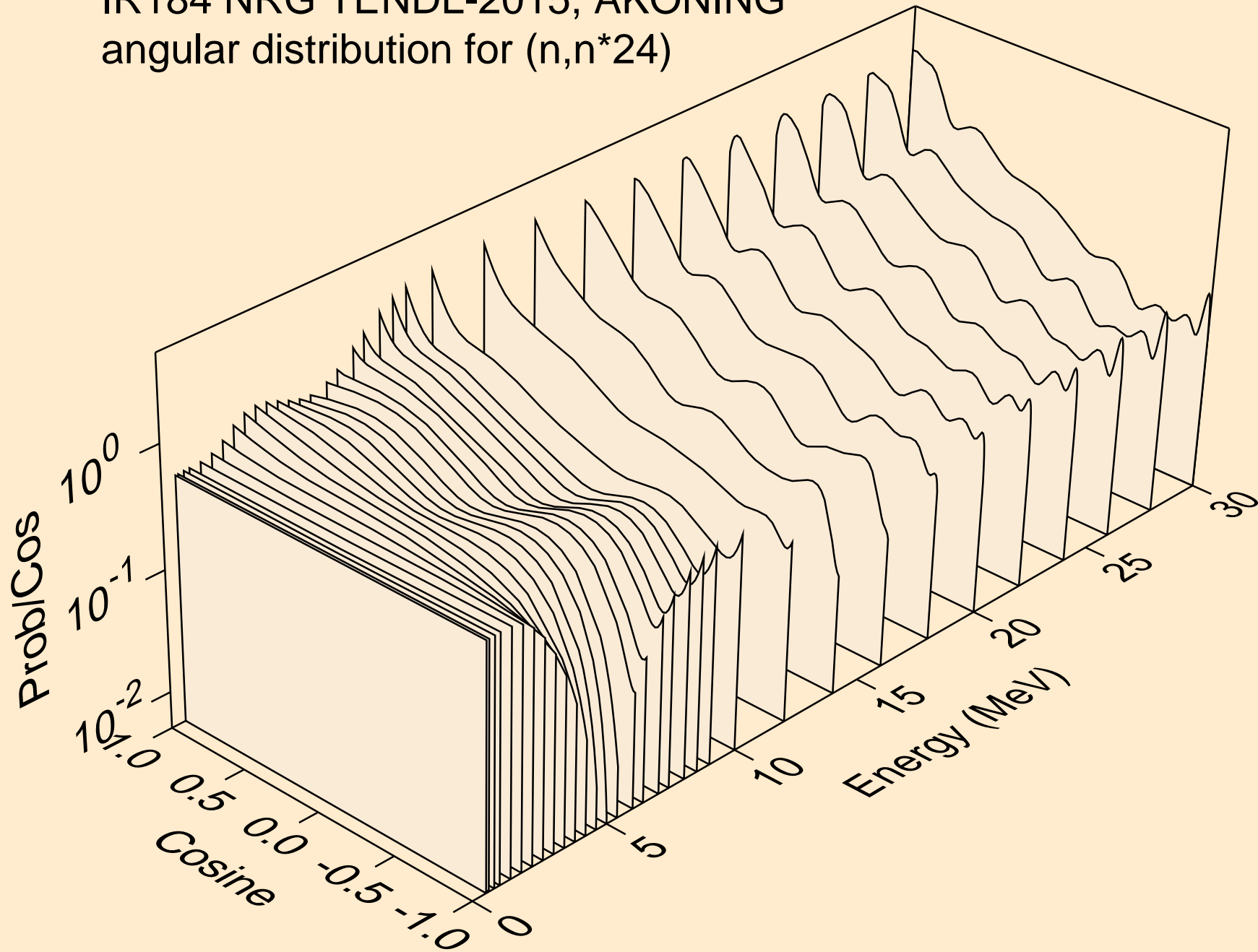


IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

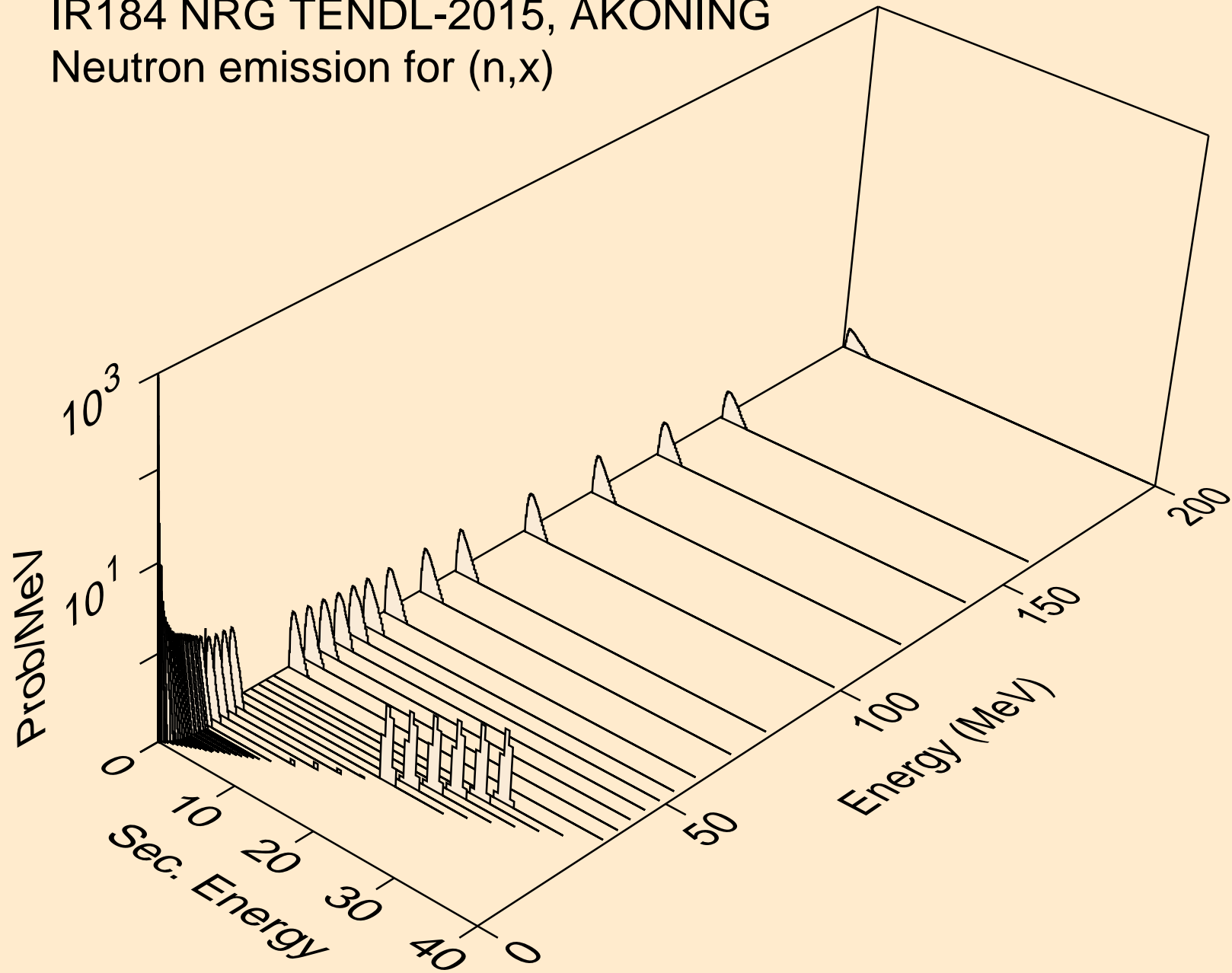




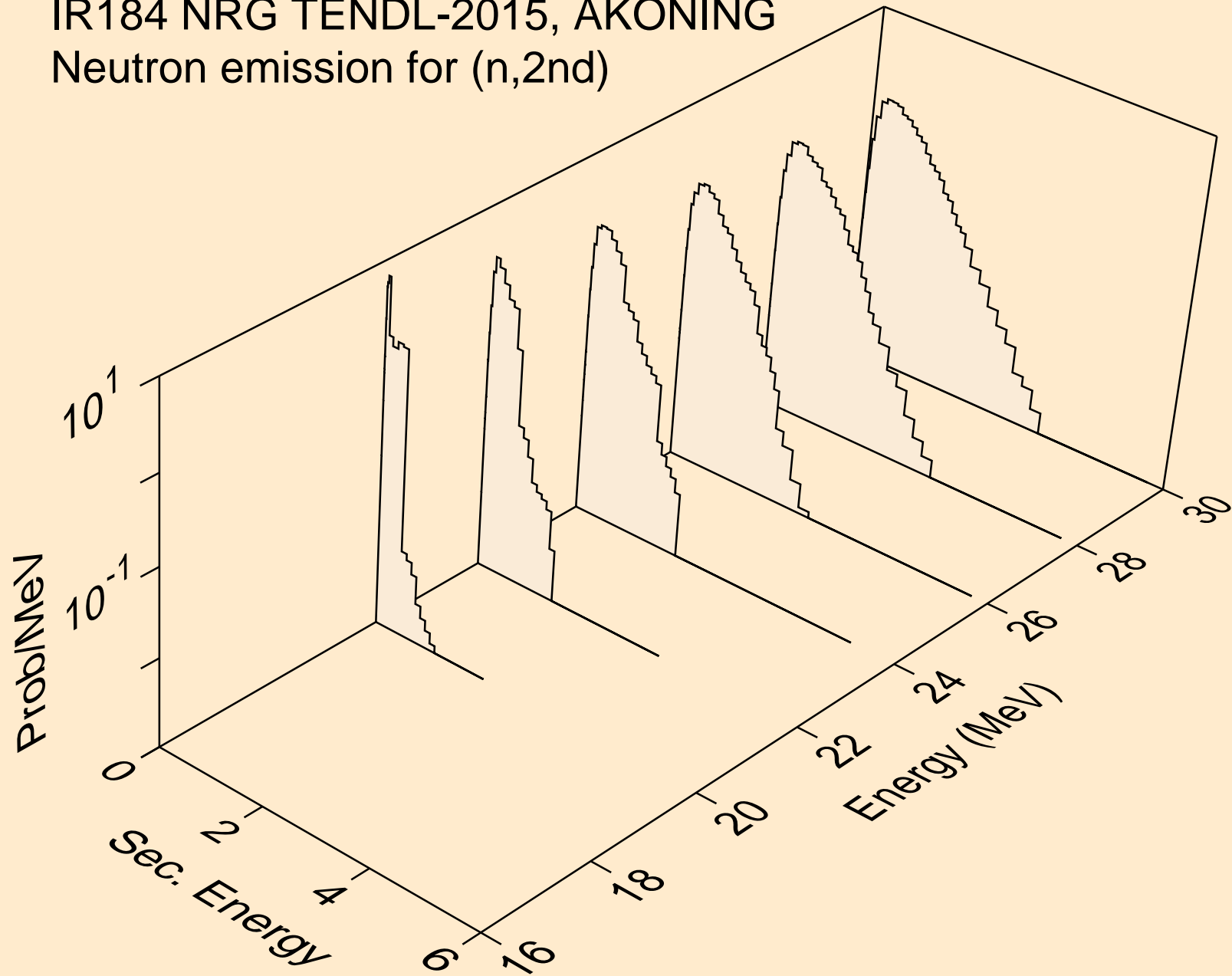
IR184 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



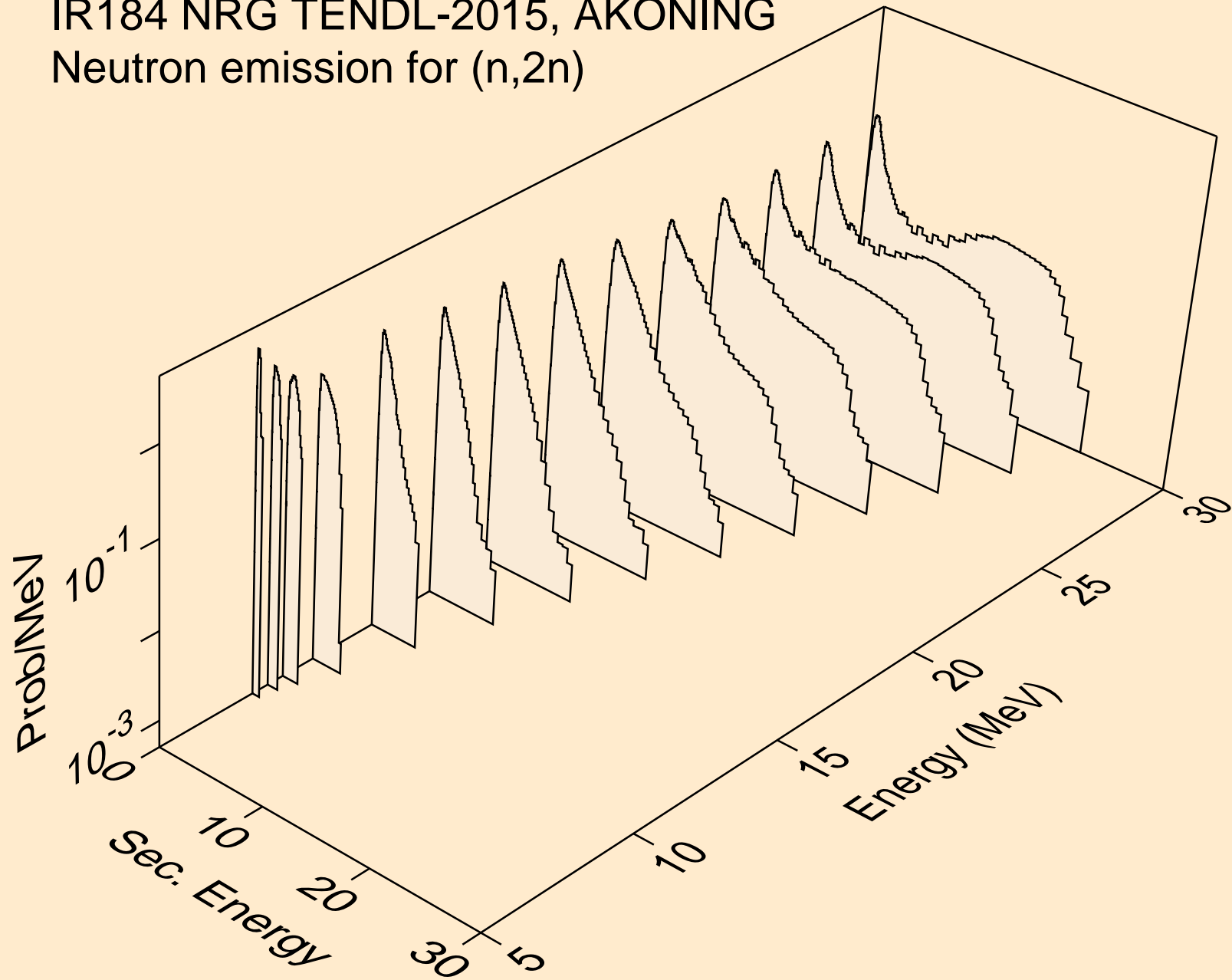
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



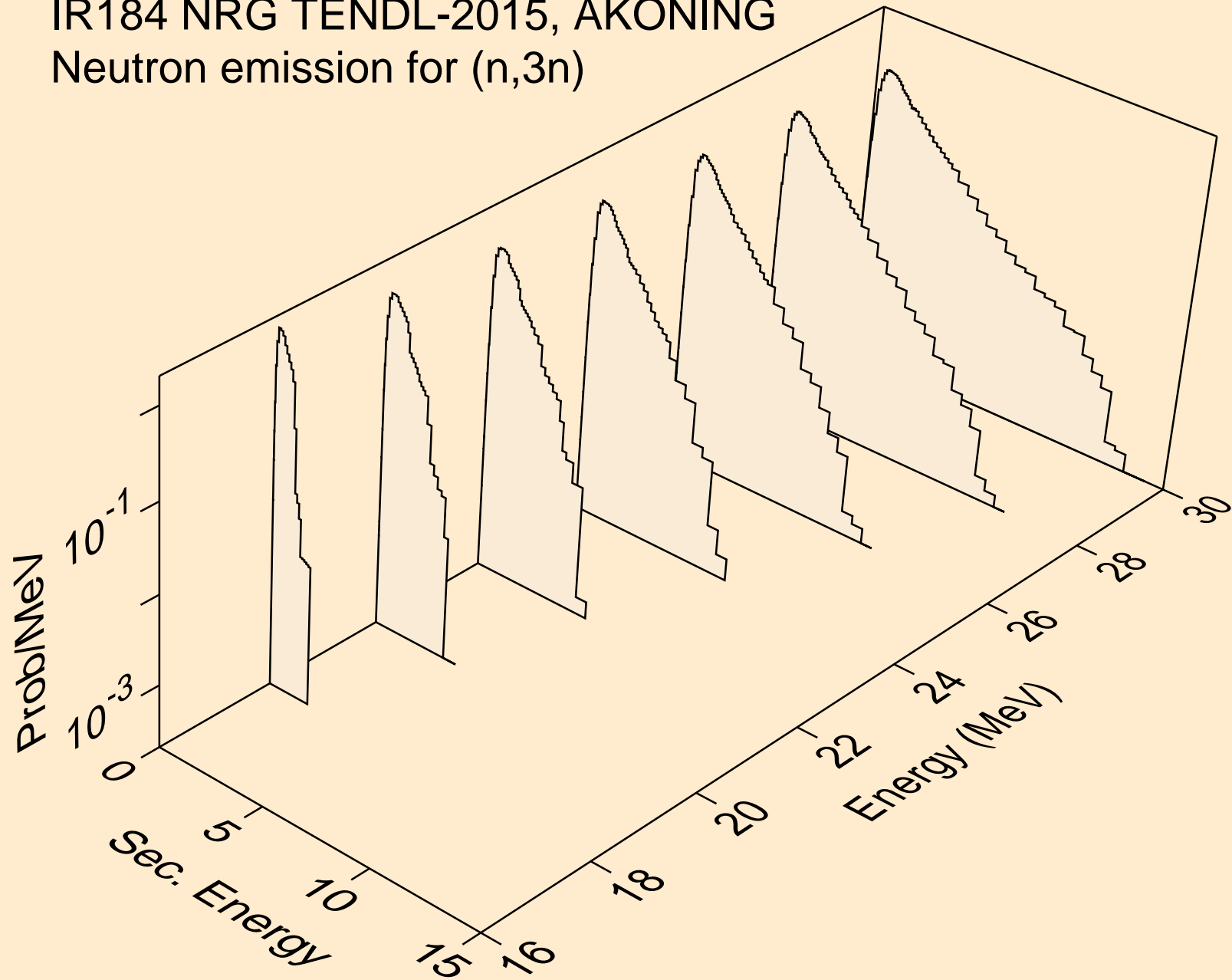
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



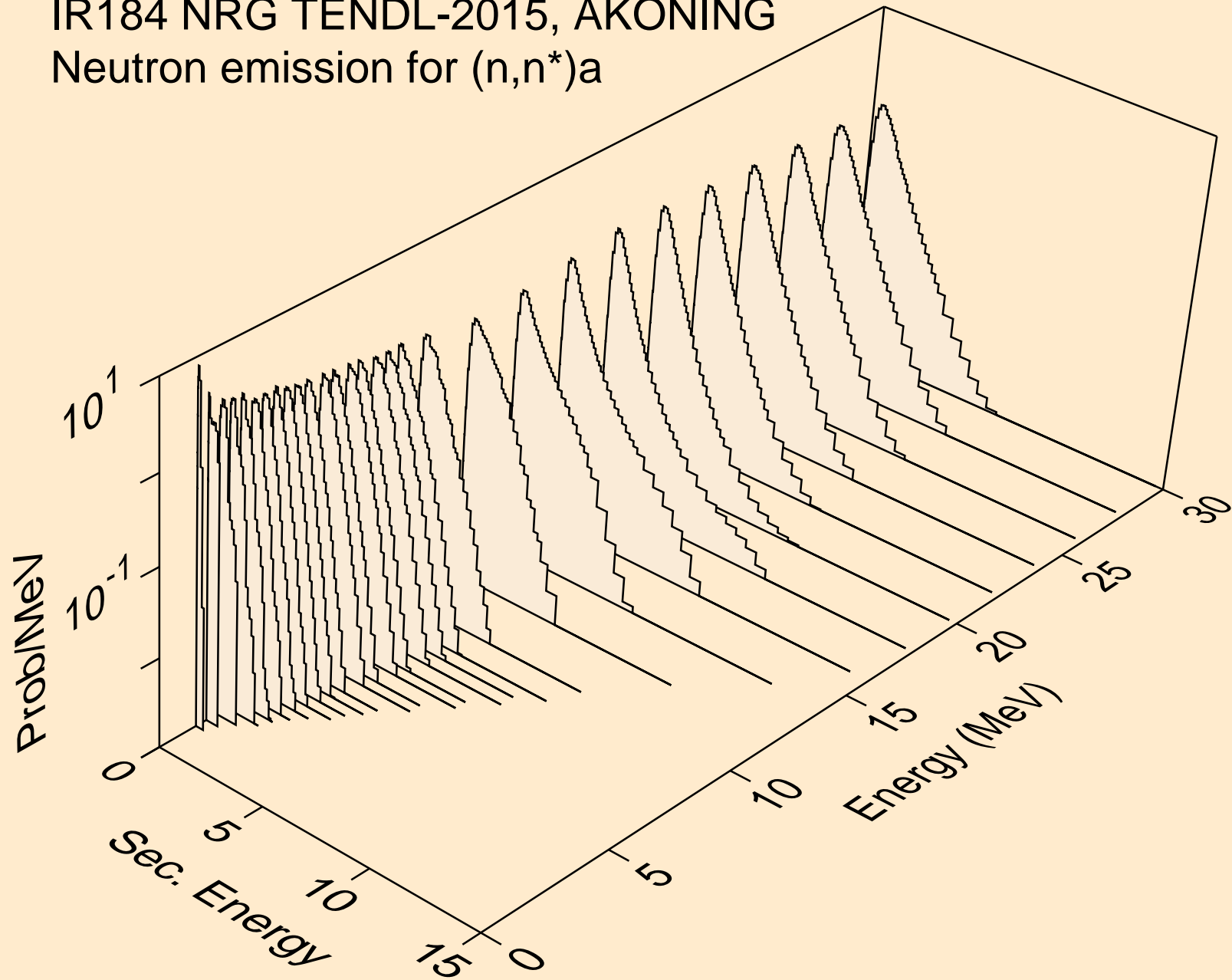
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



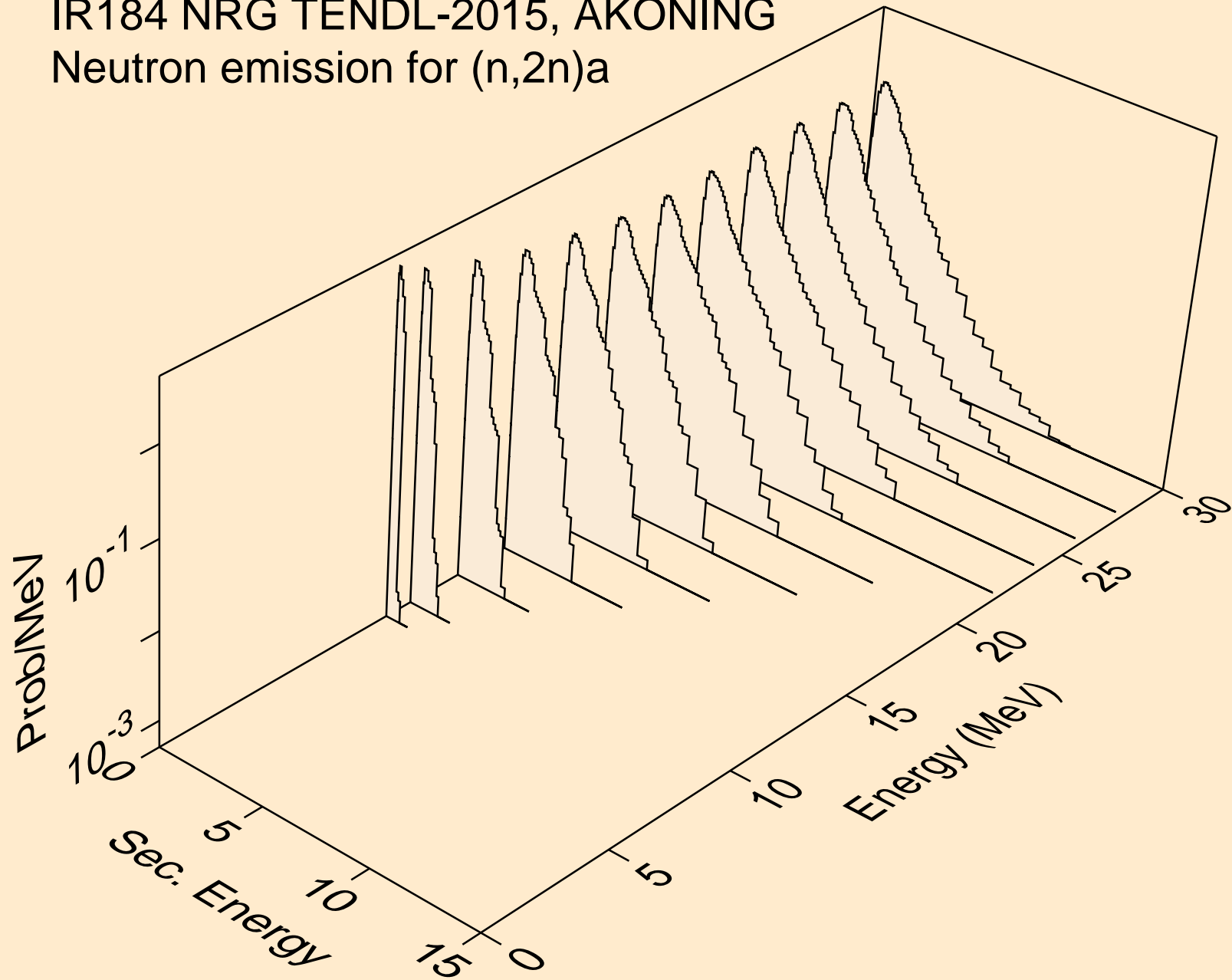
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



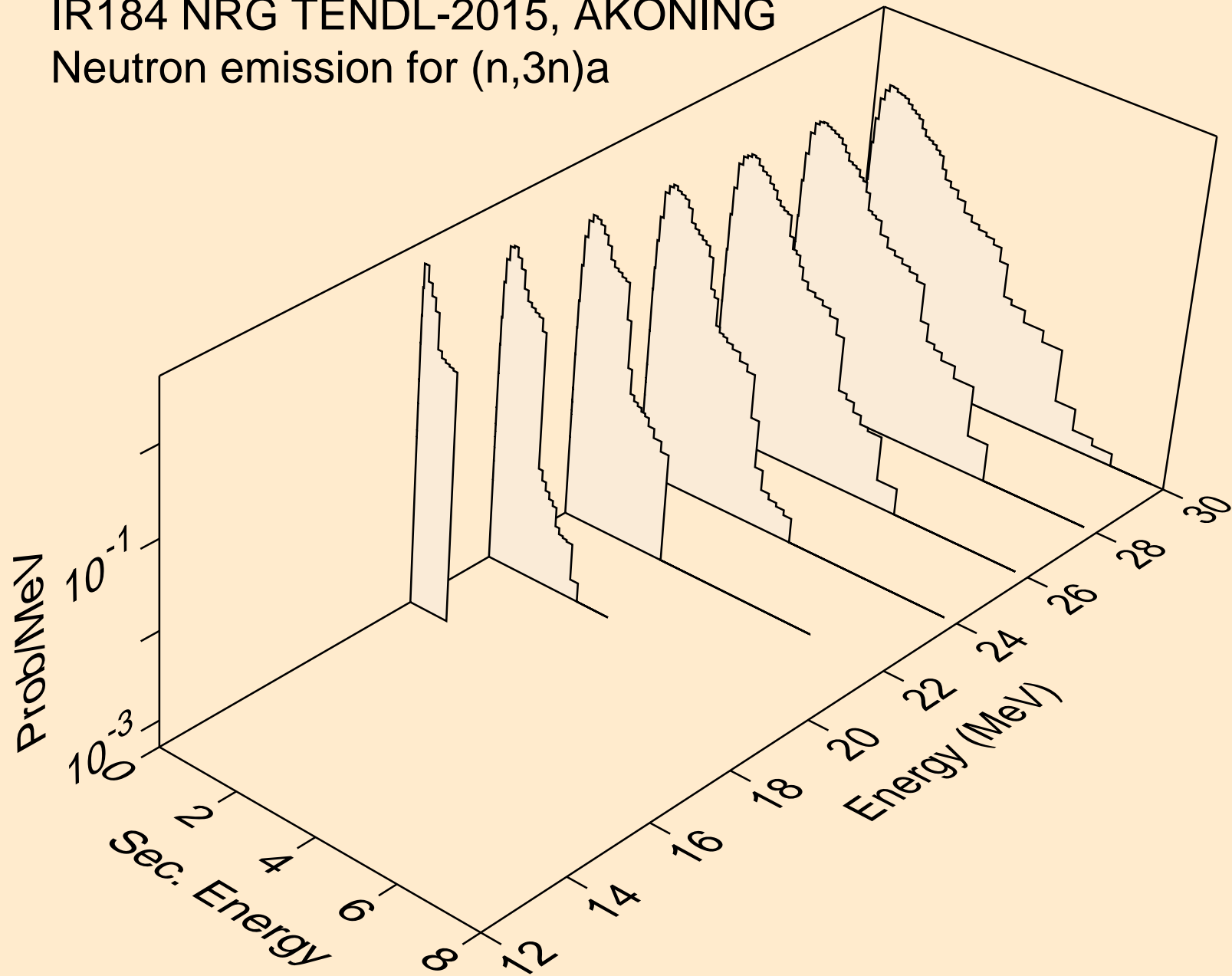
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

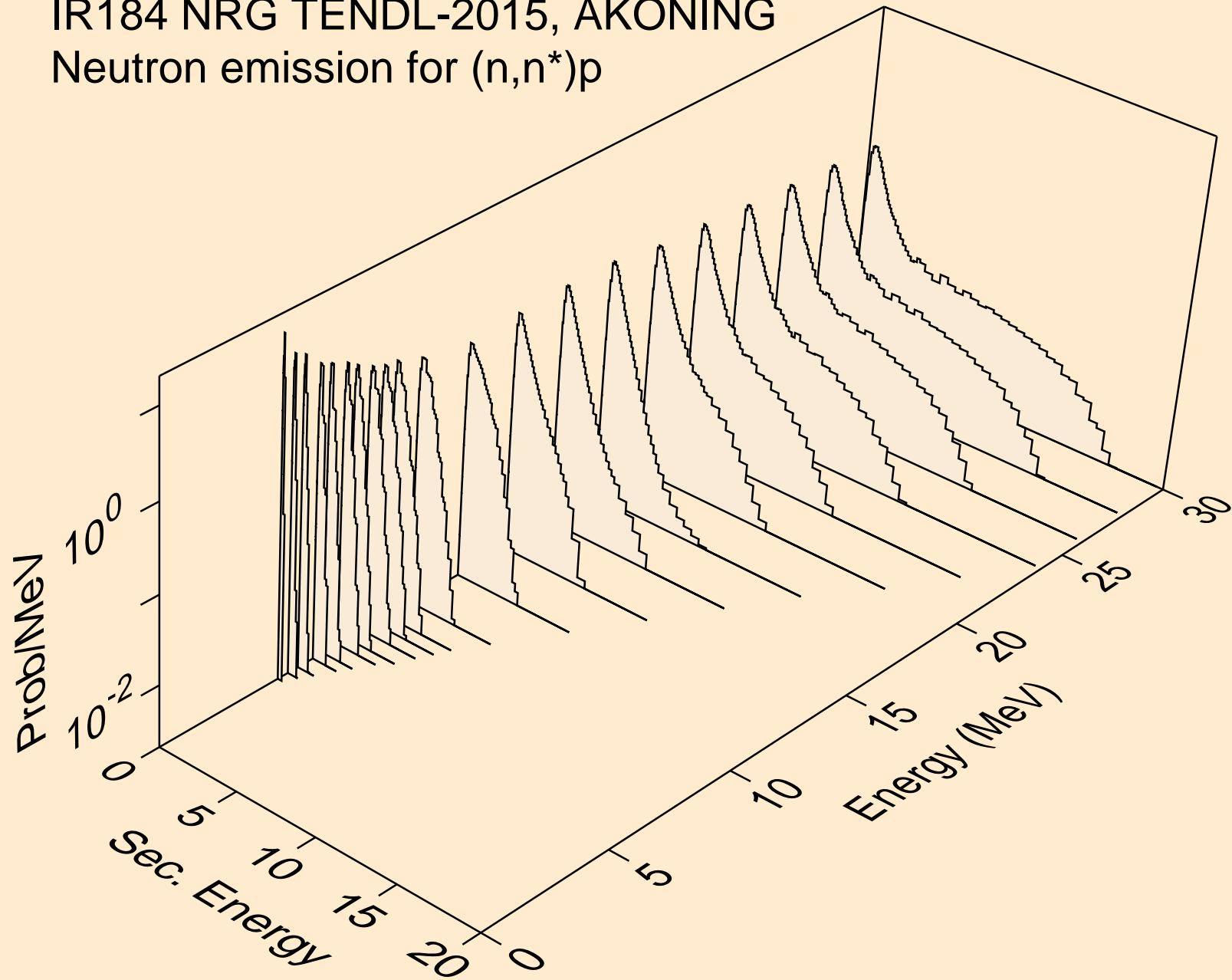


IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

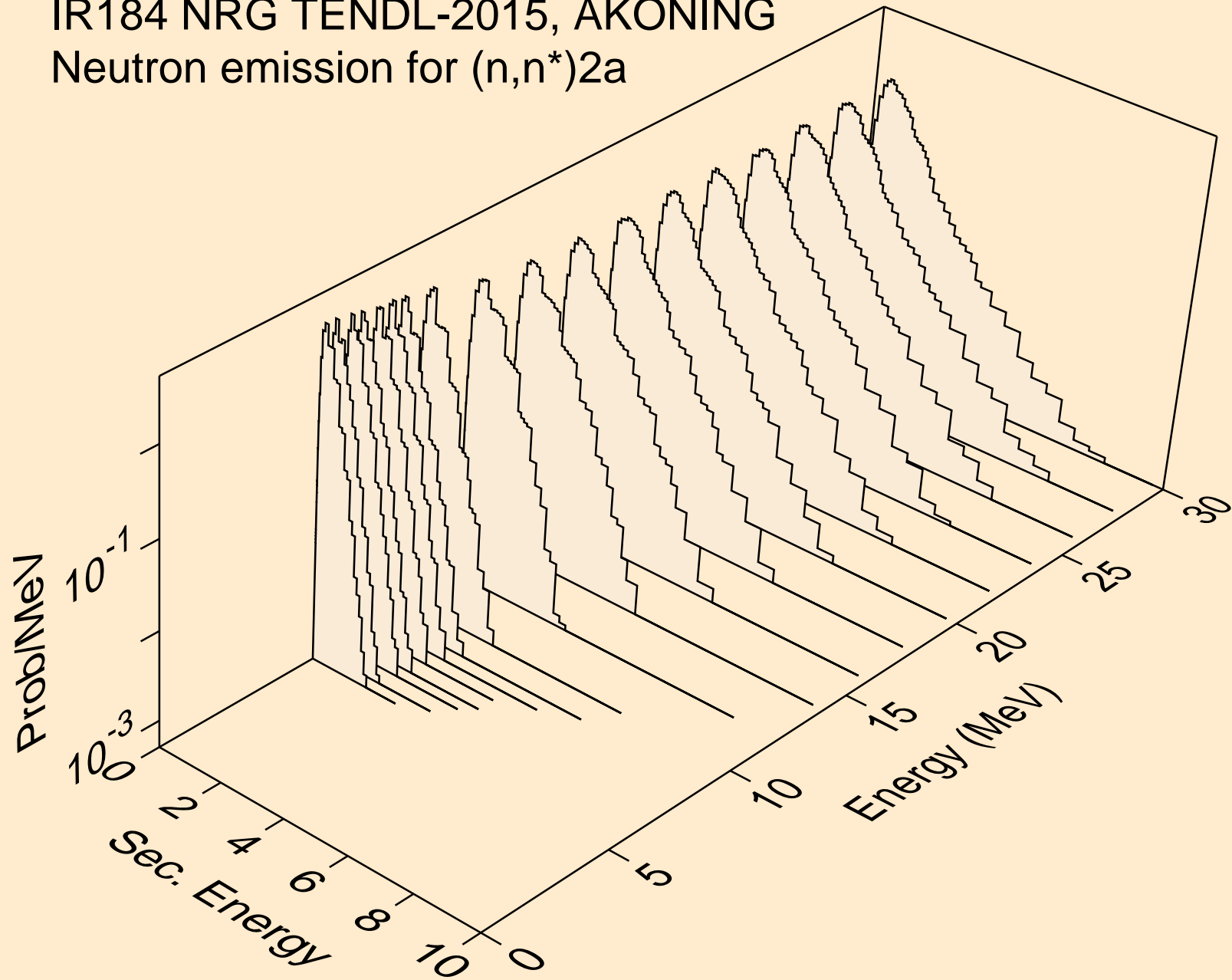




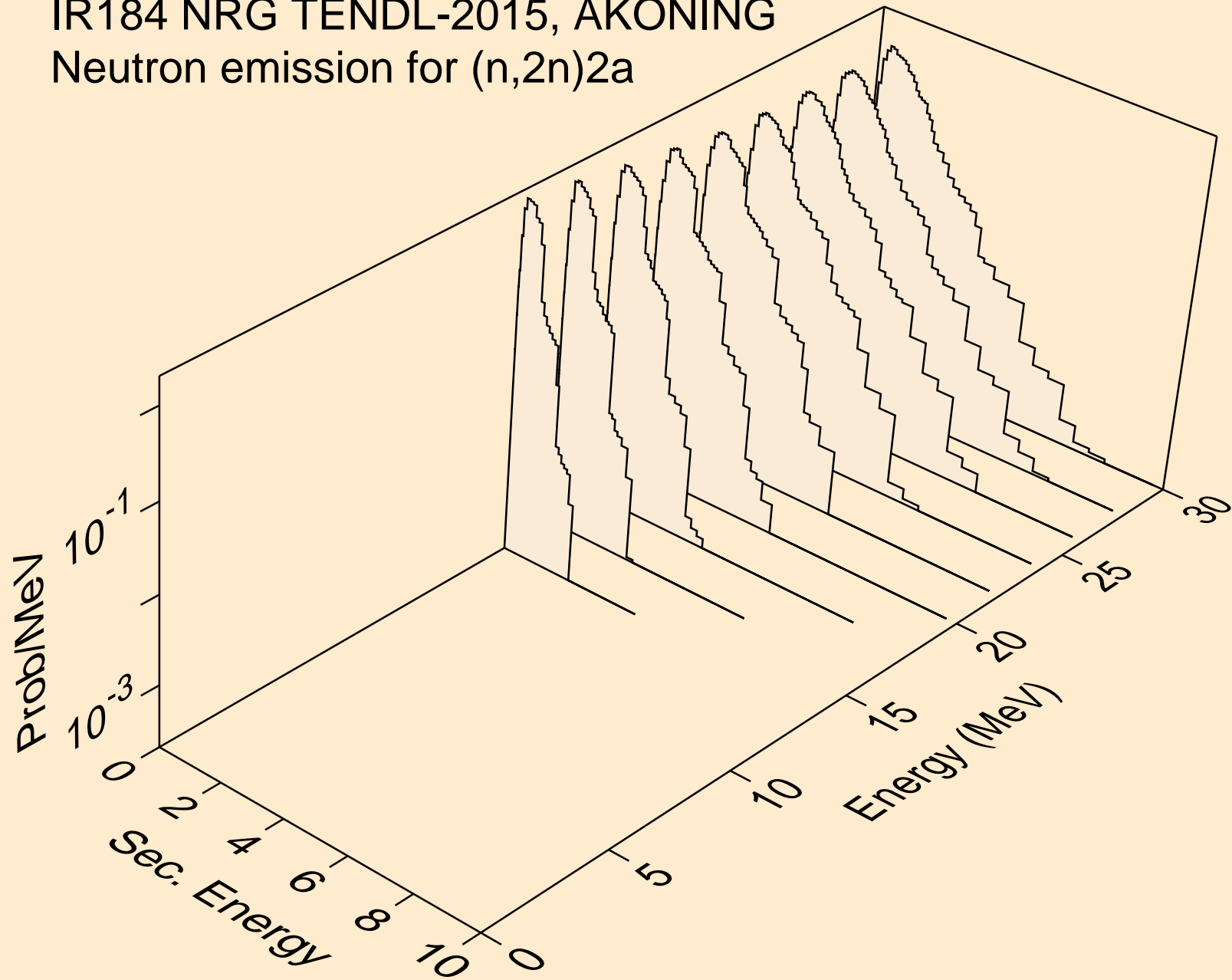
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



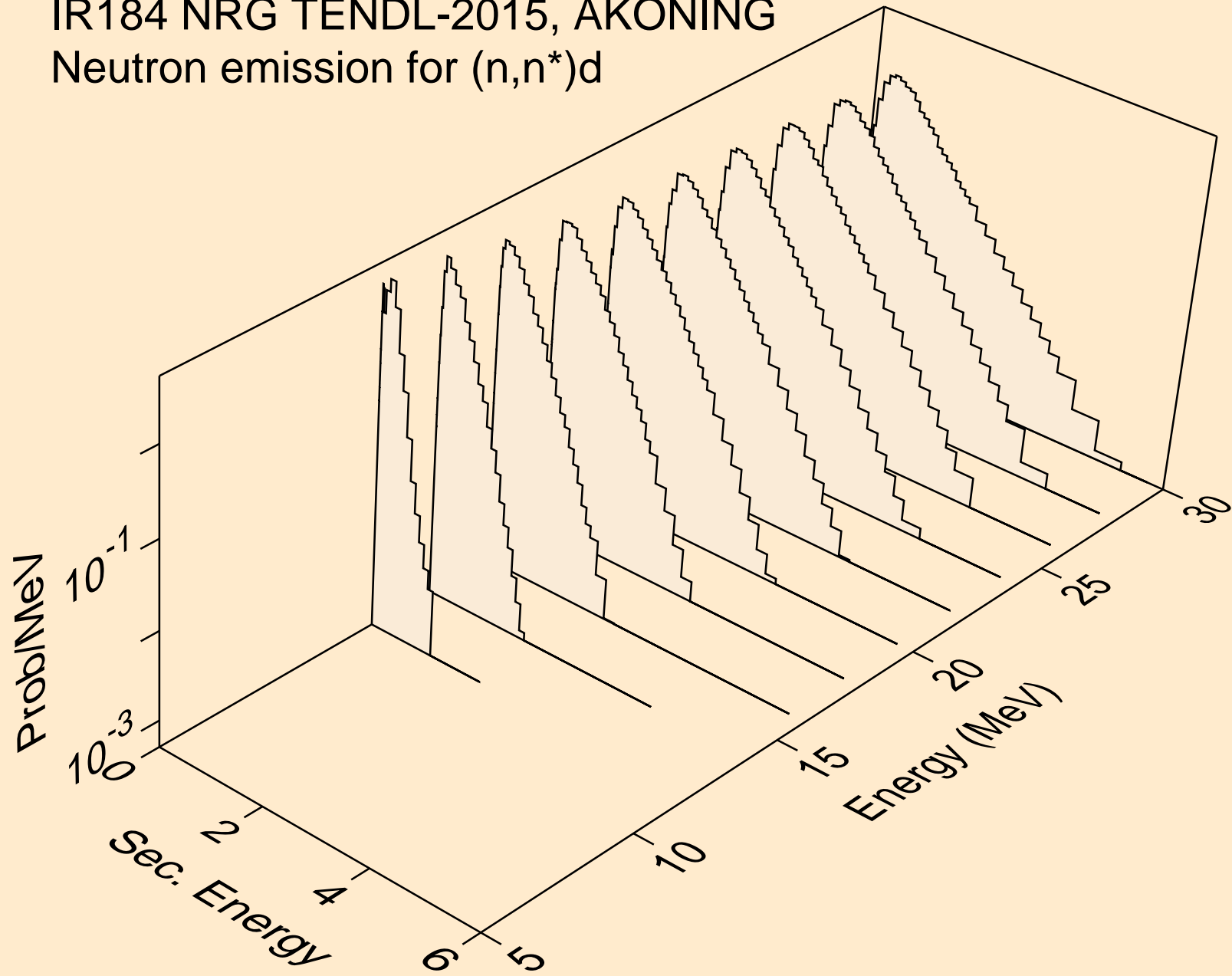
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



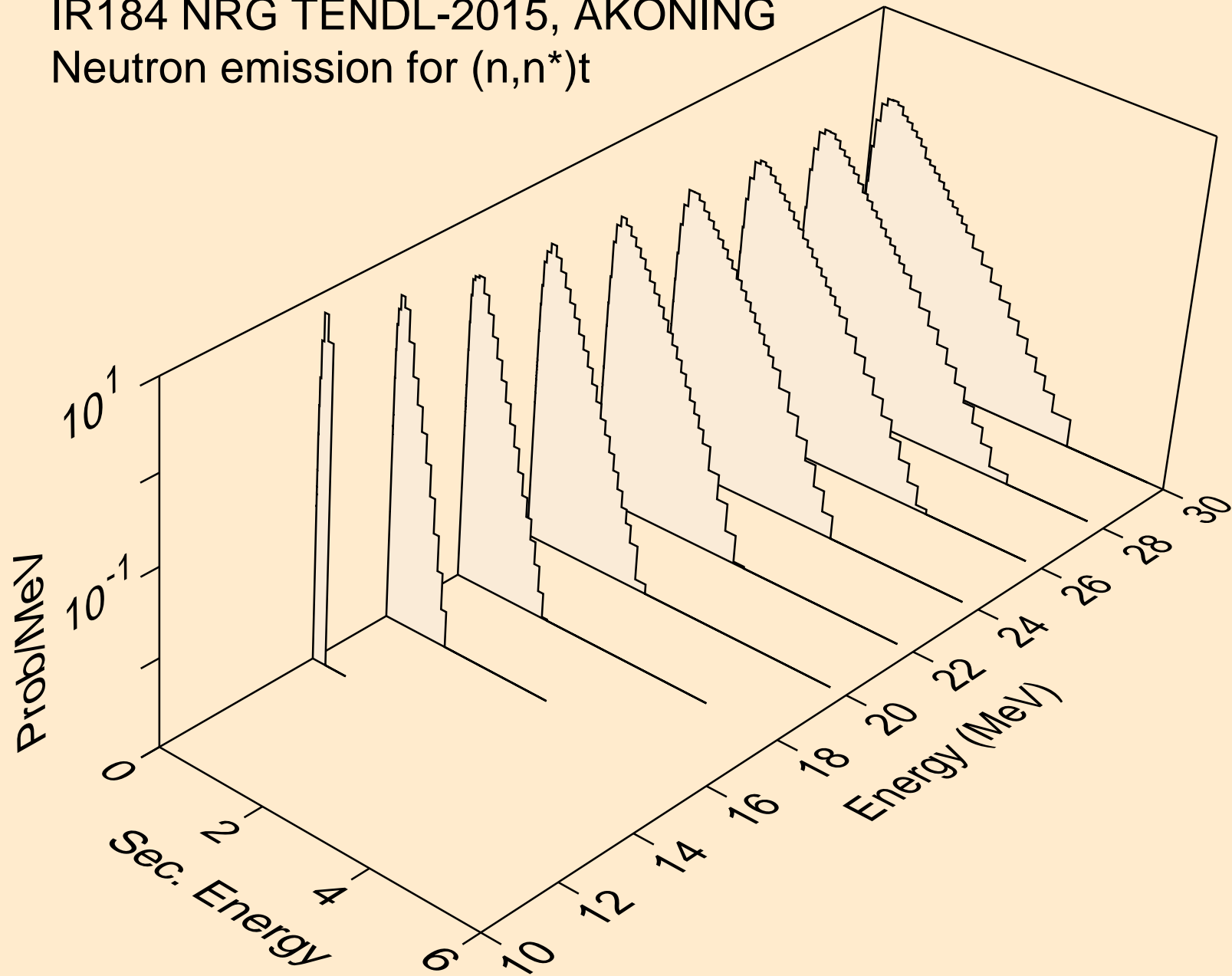
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



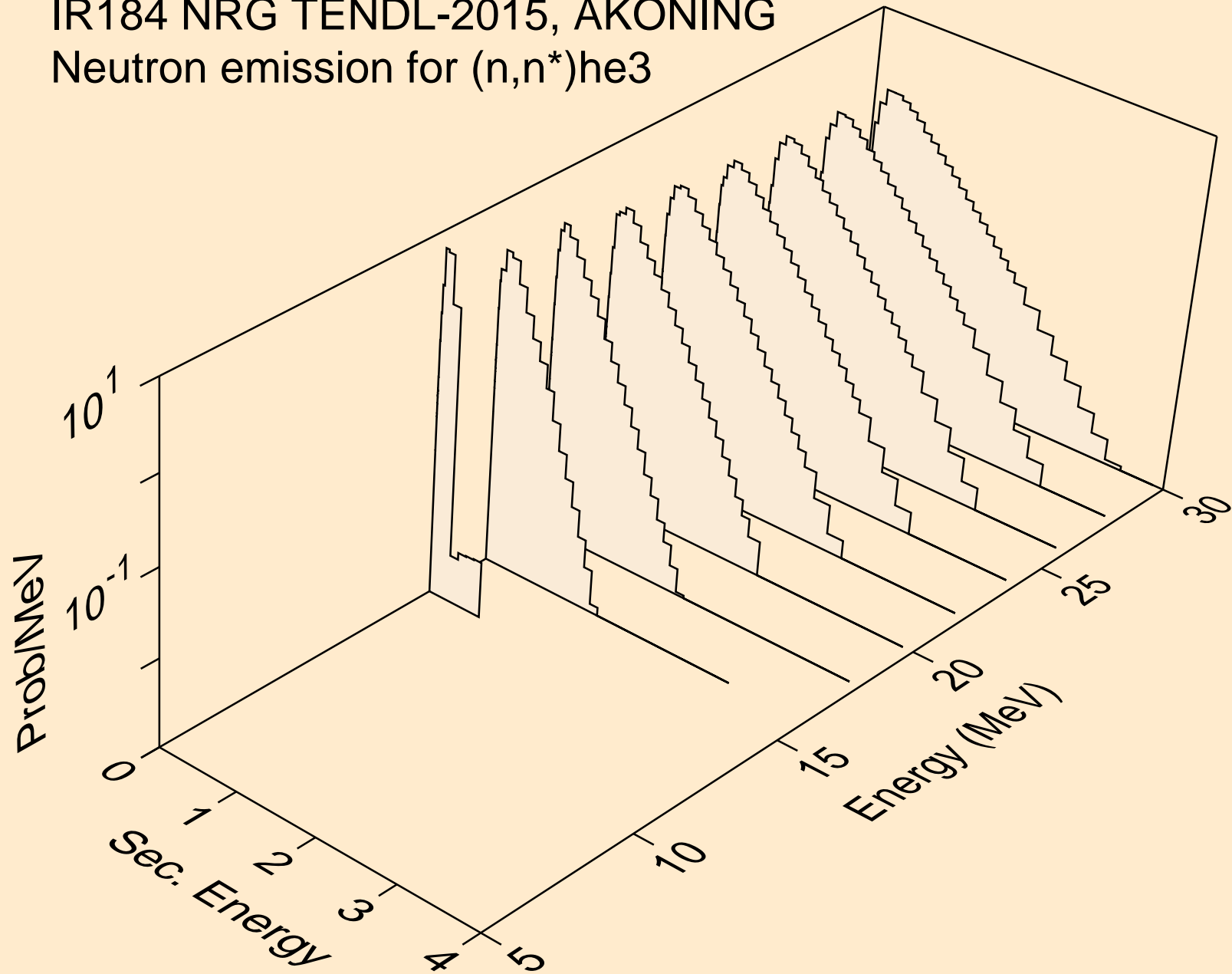
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



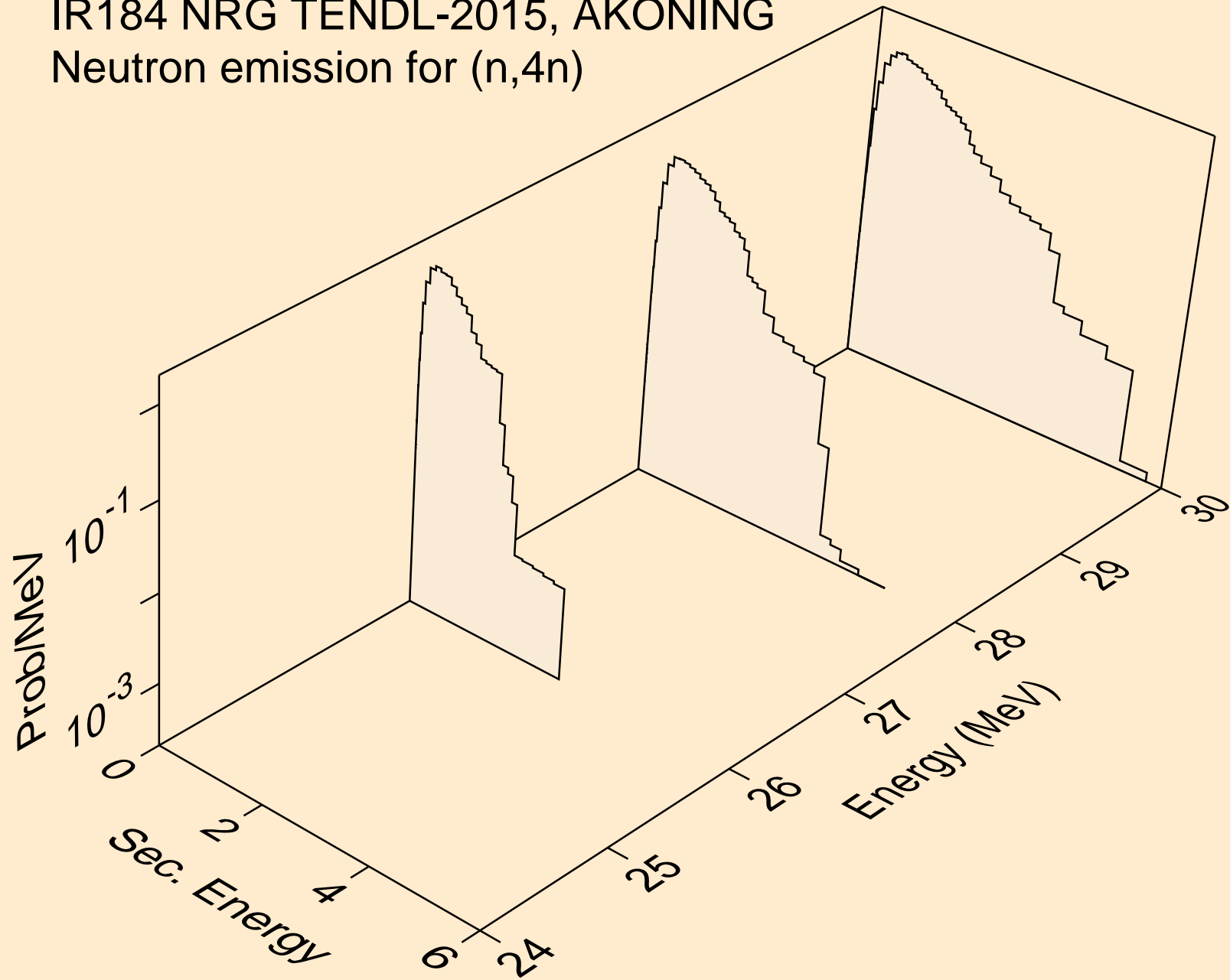
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



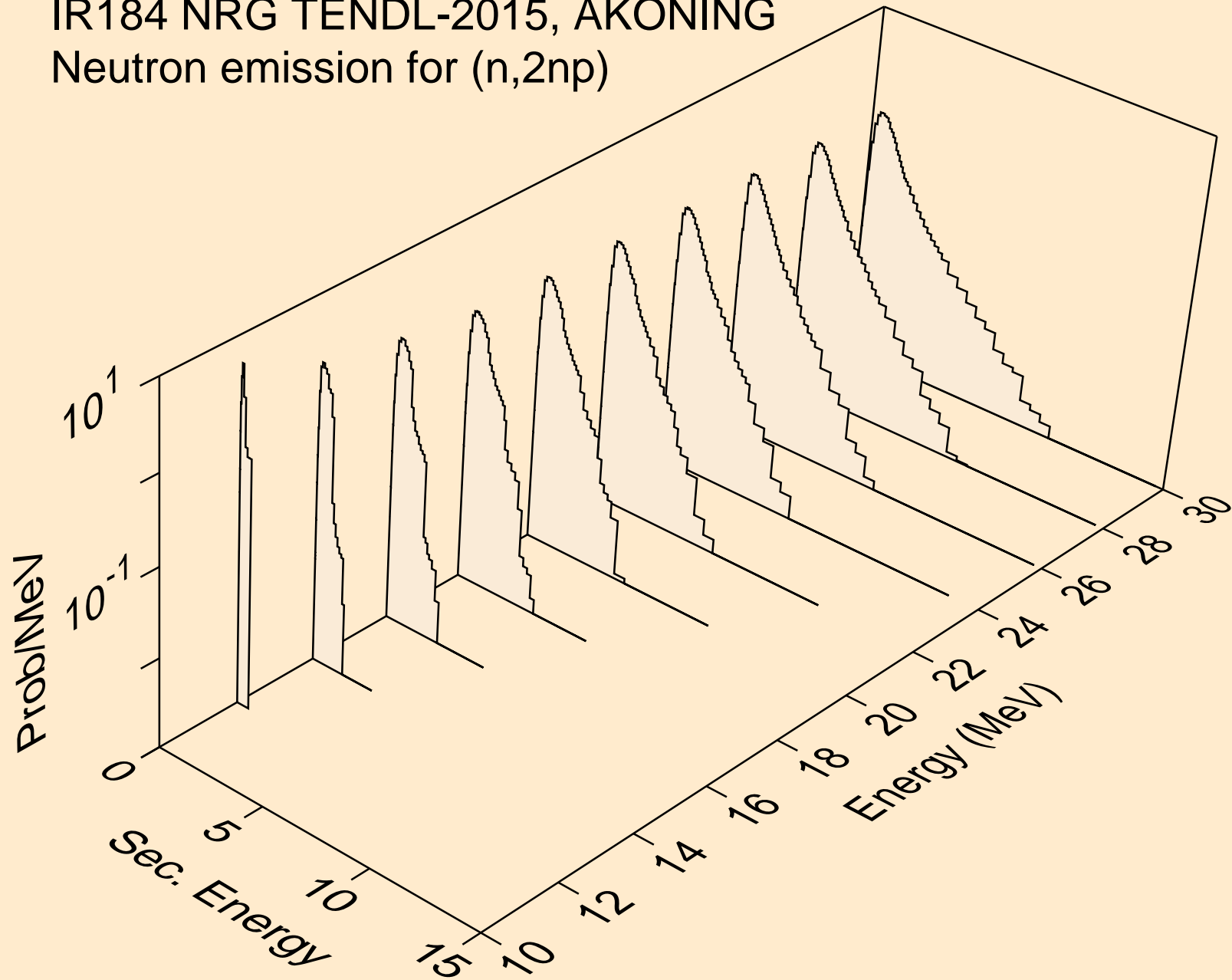
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

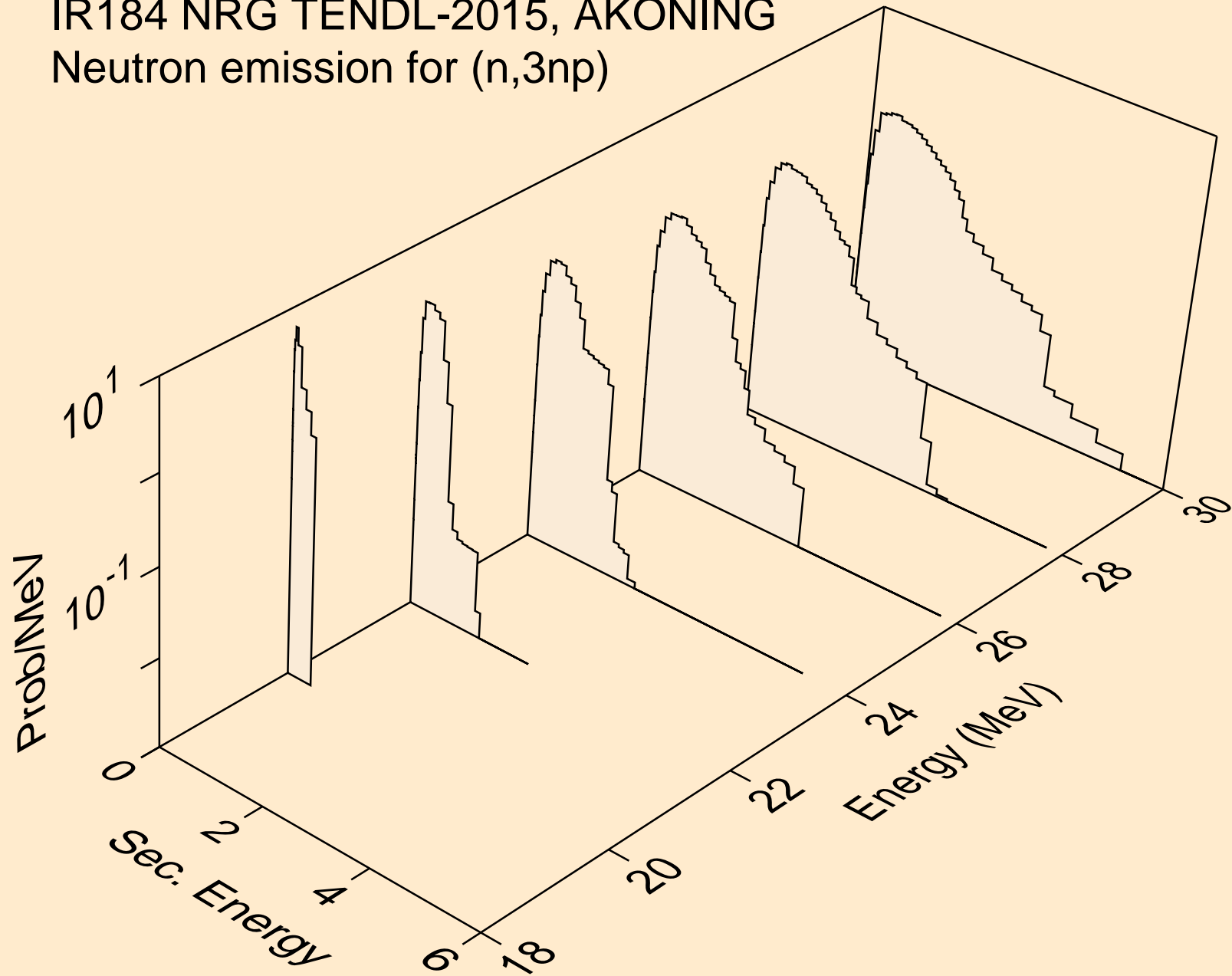


IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

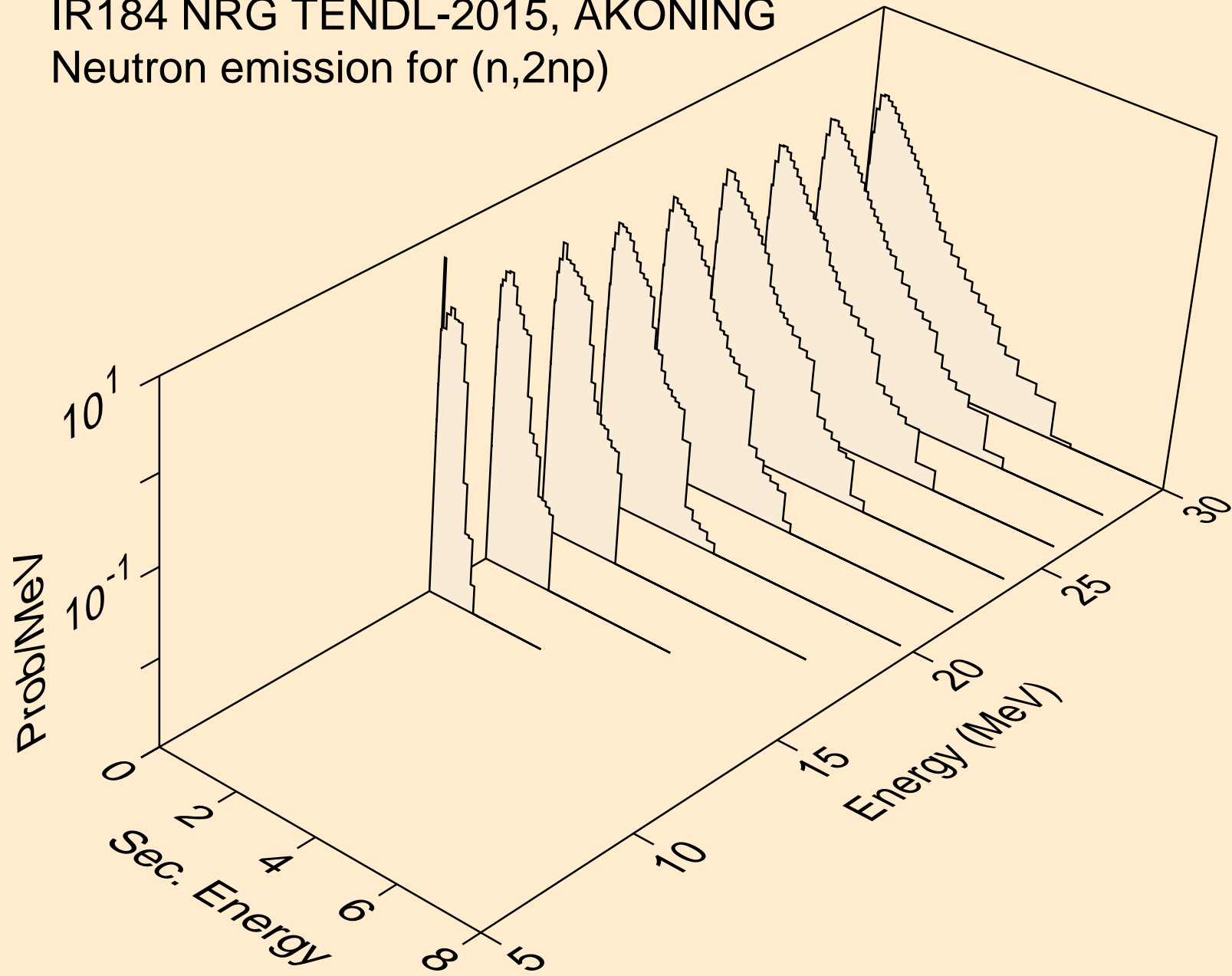




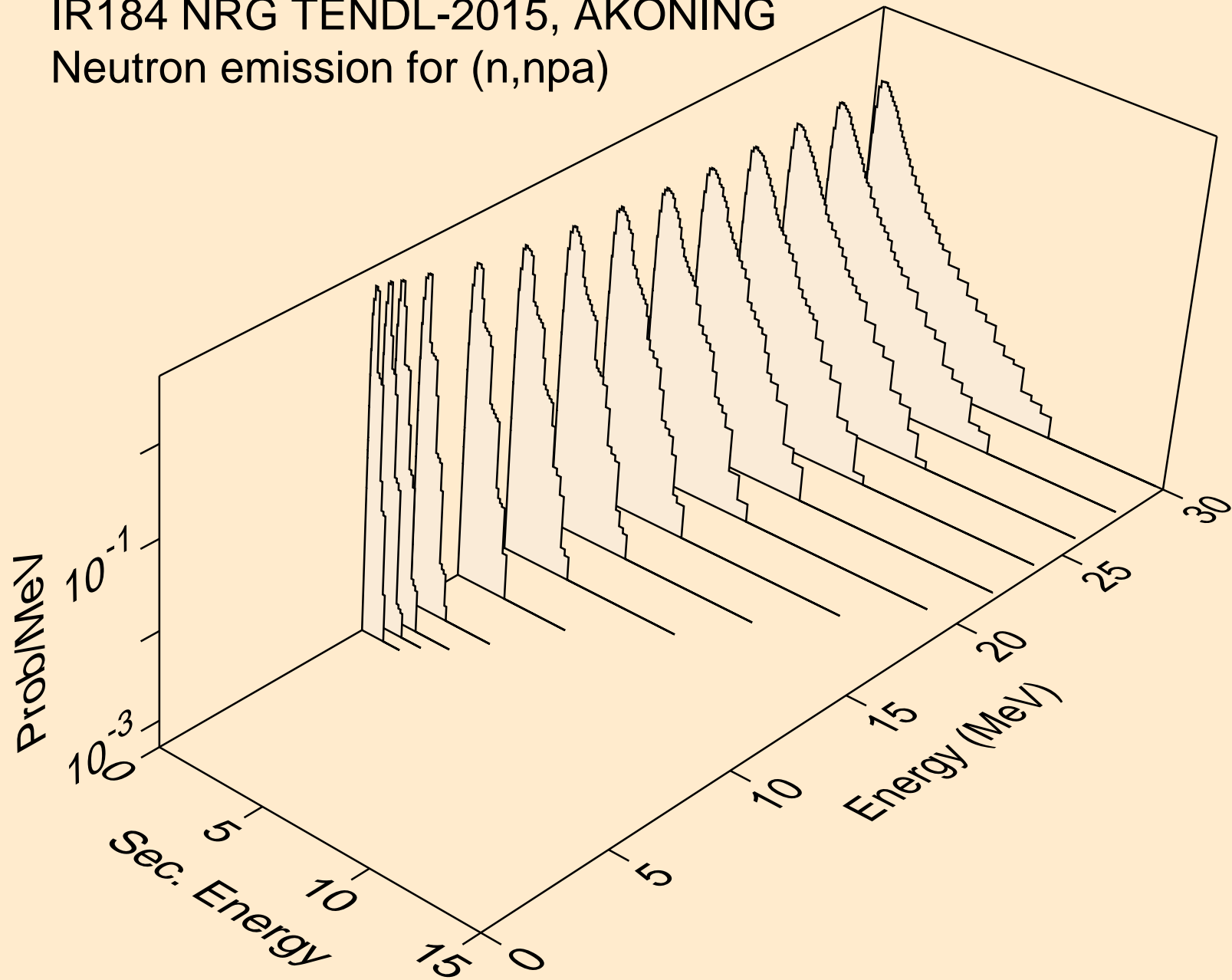
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



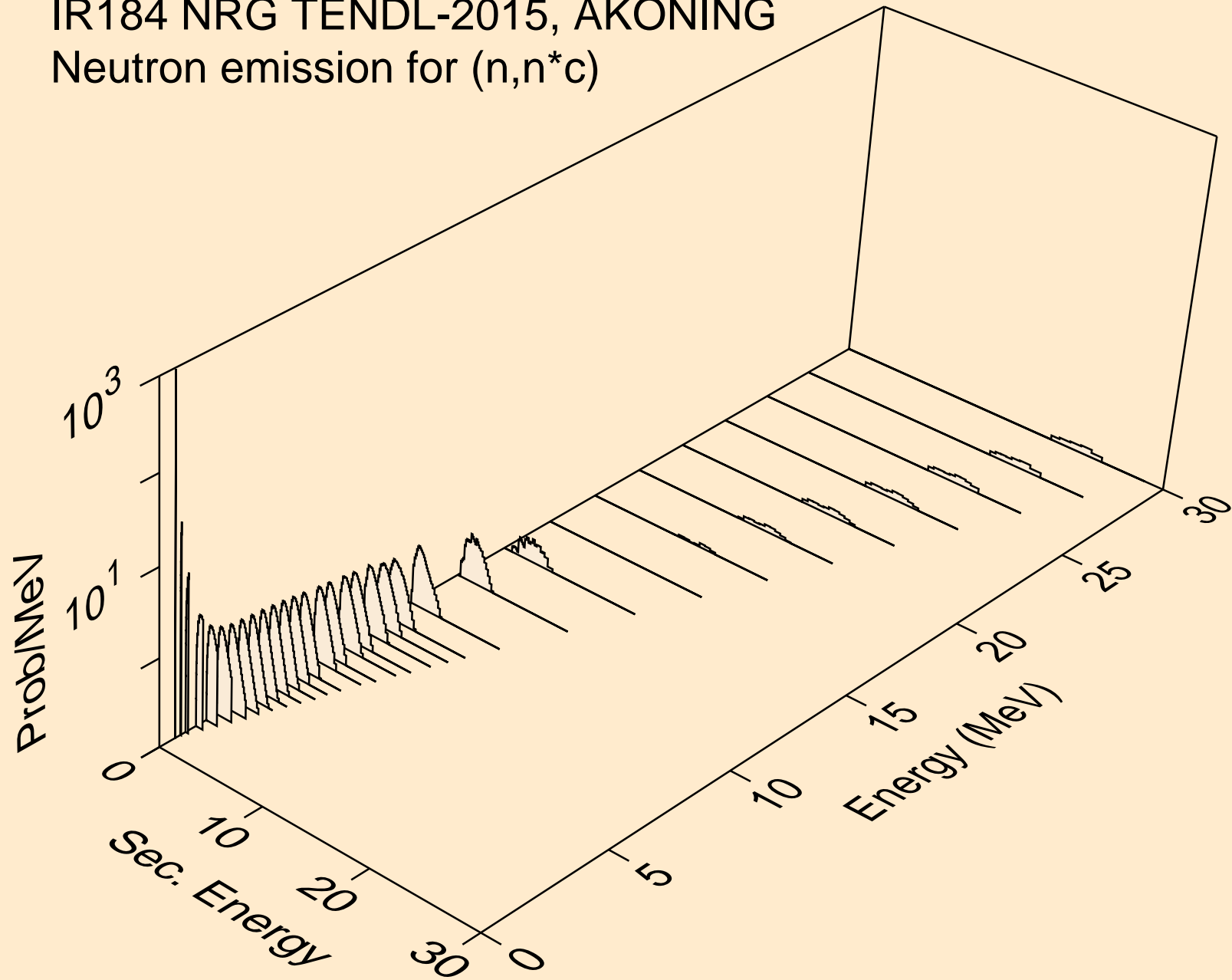
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



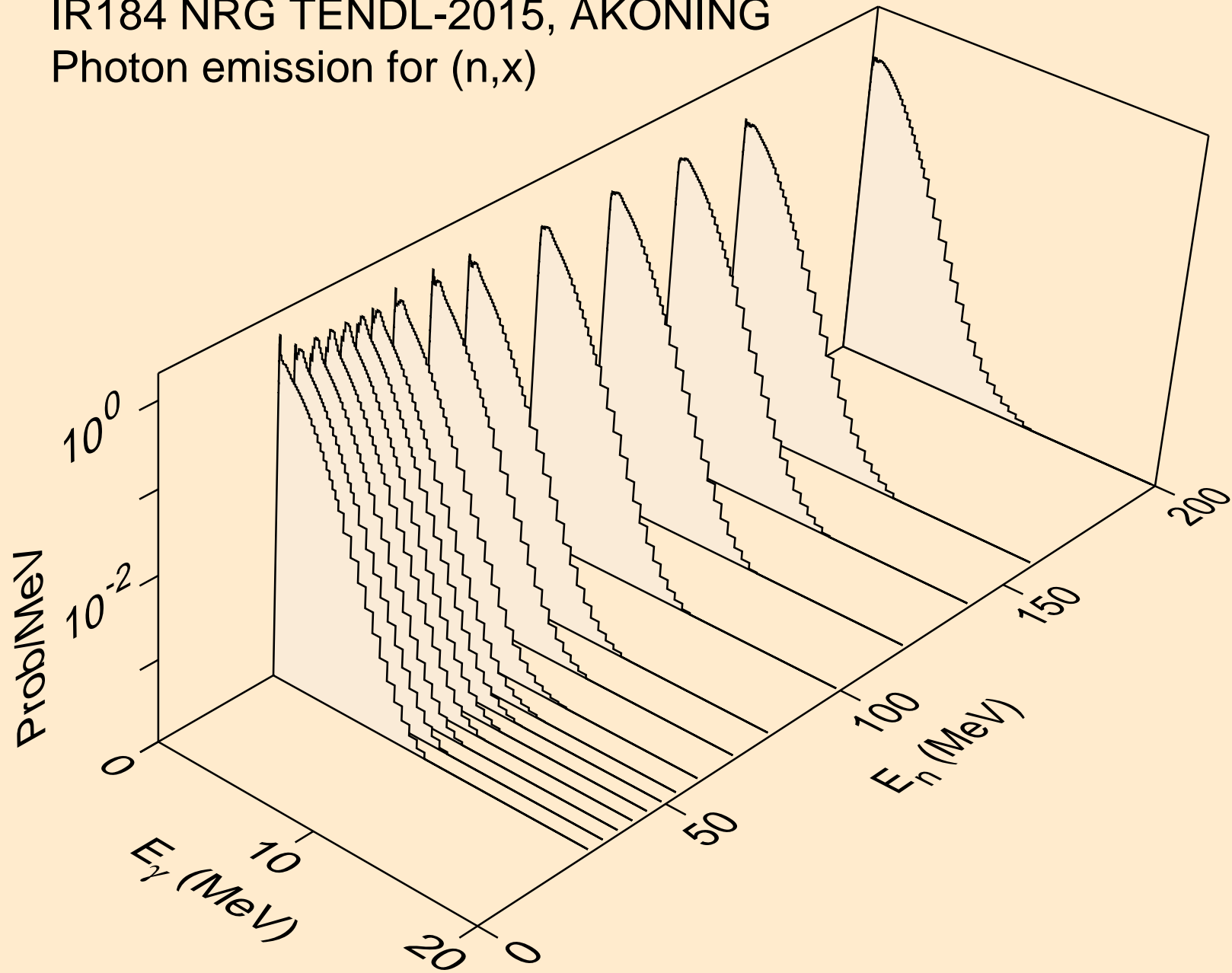
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



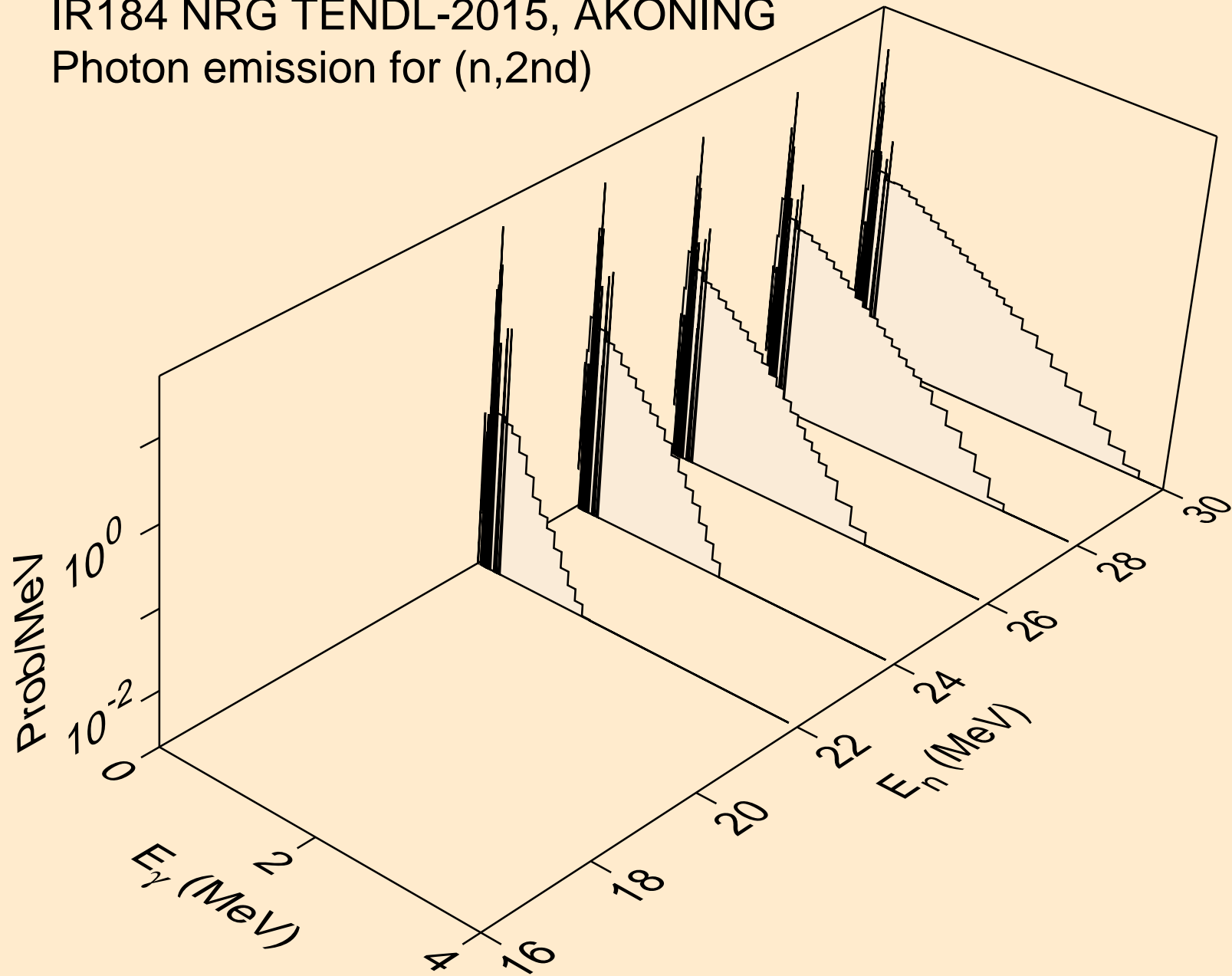
IR184 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



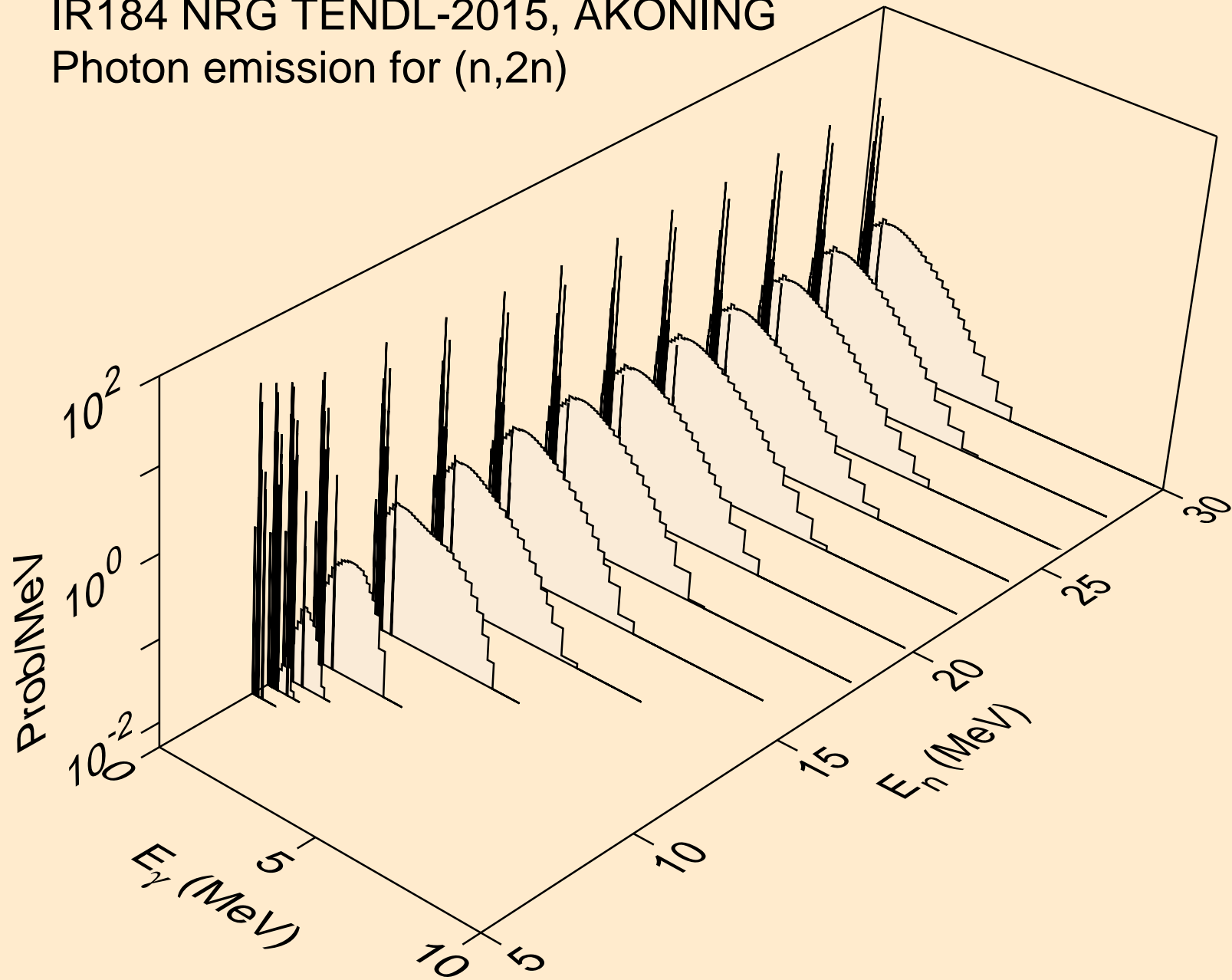
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



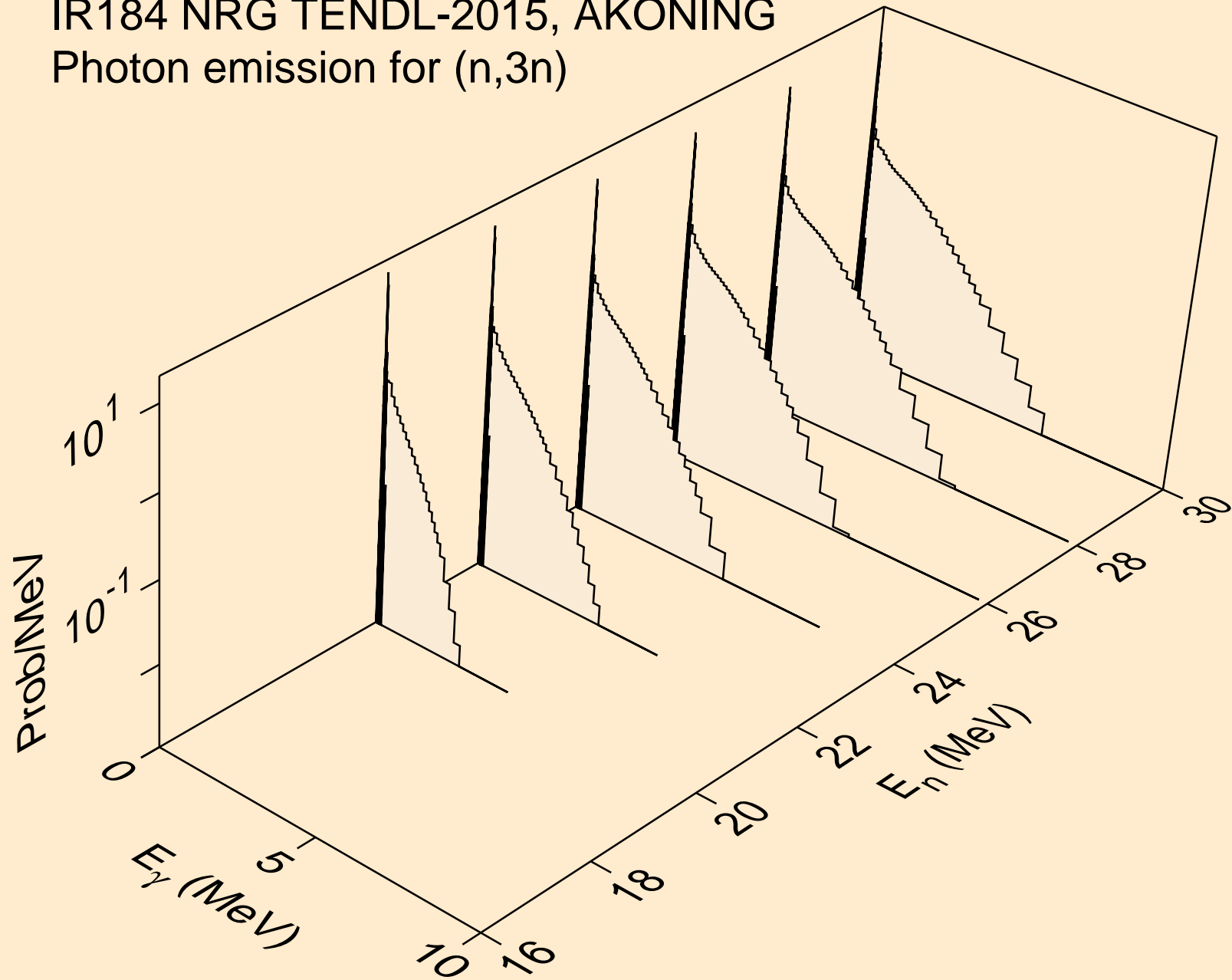
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

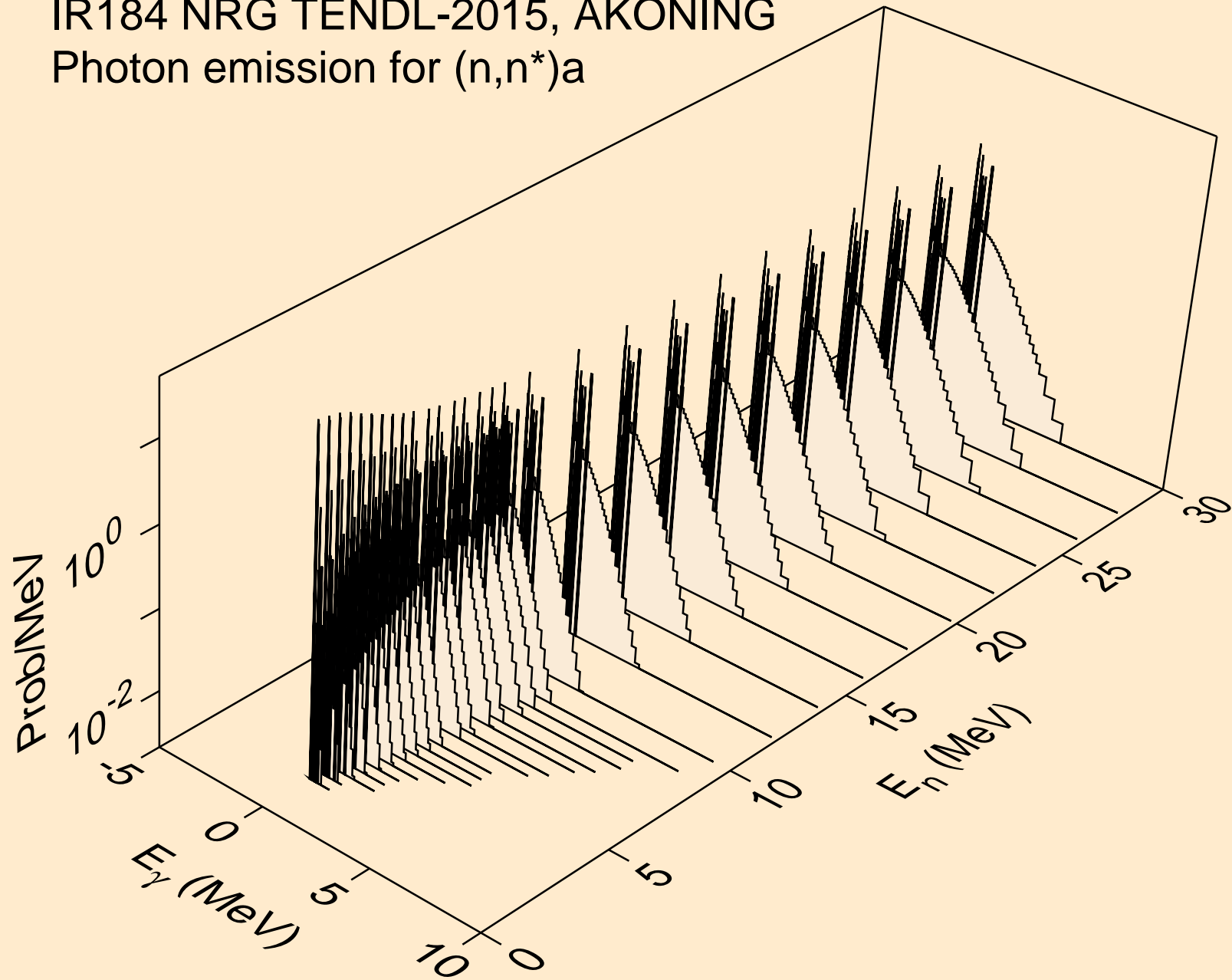


IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

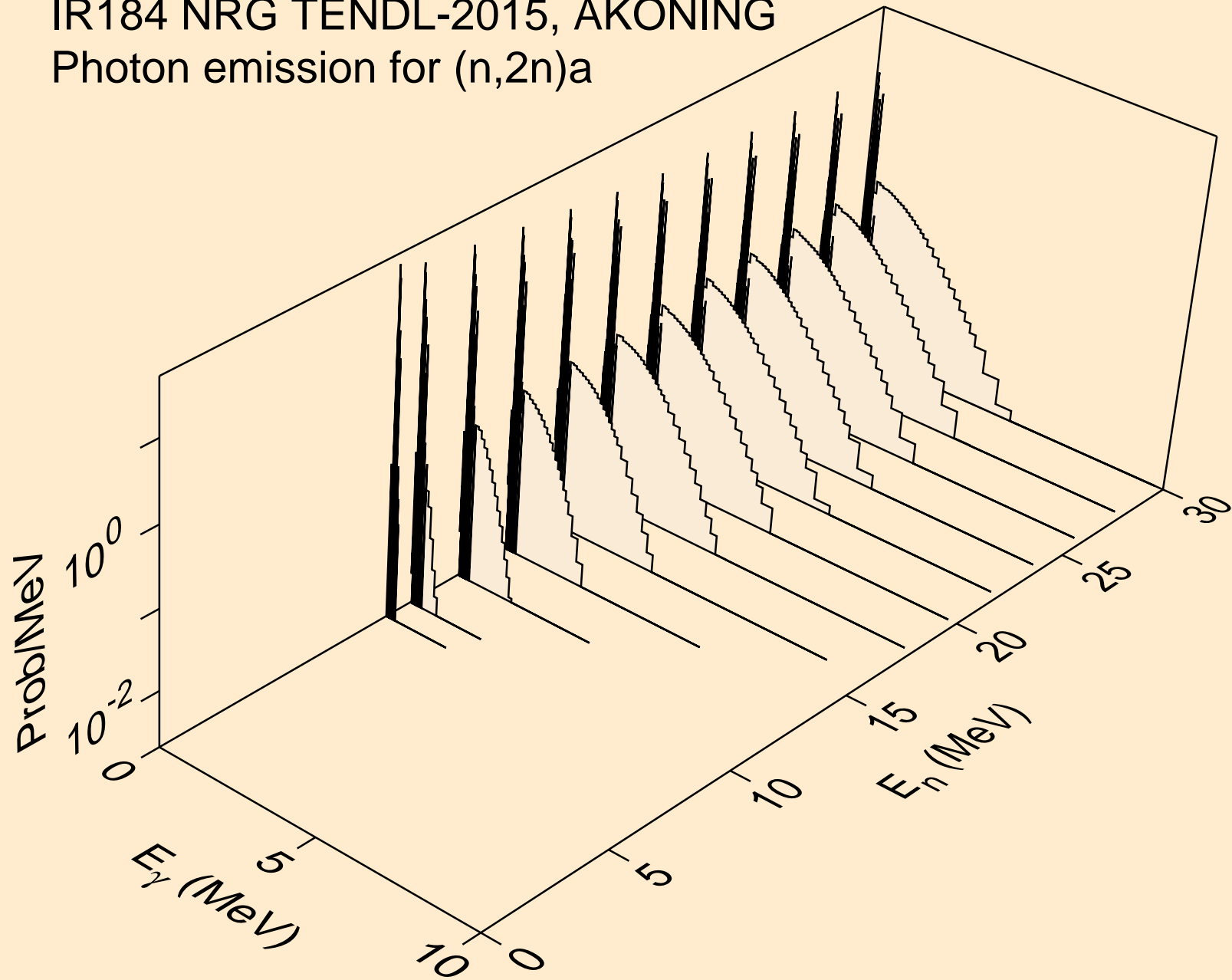




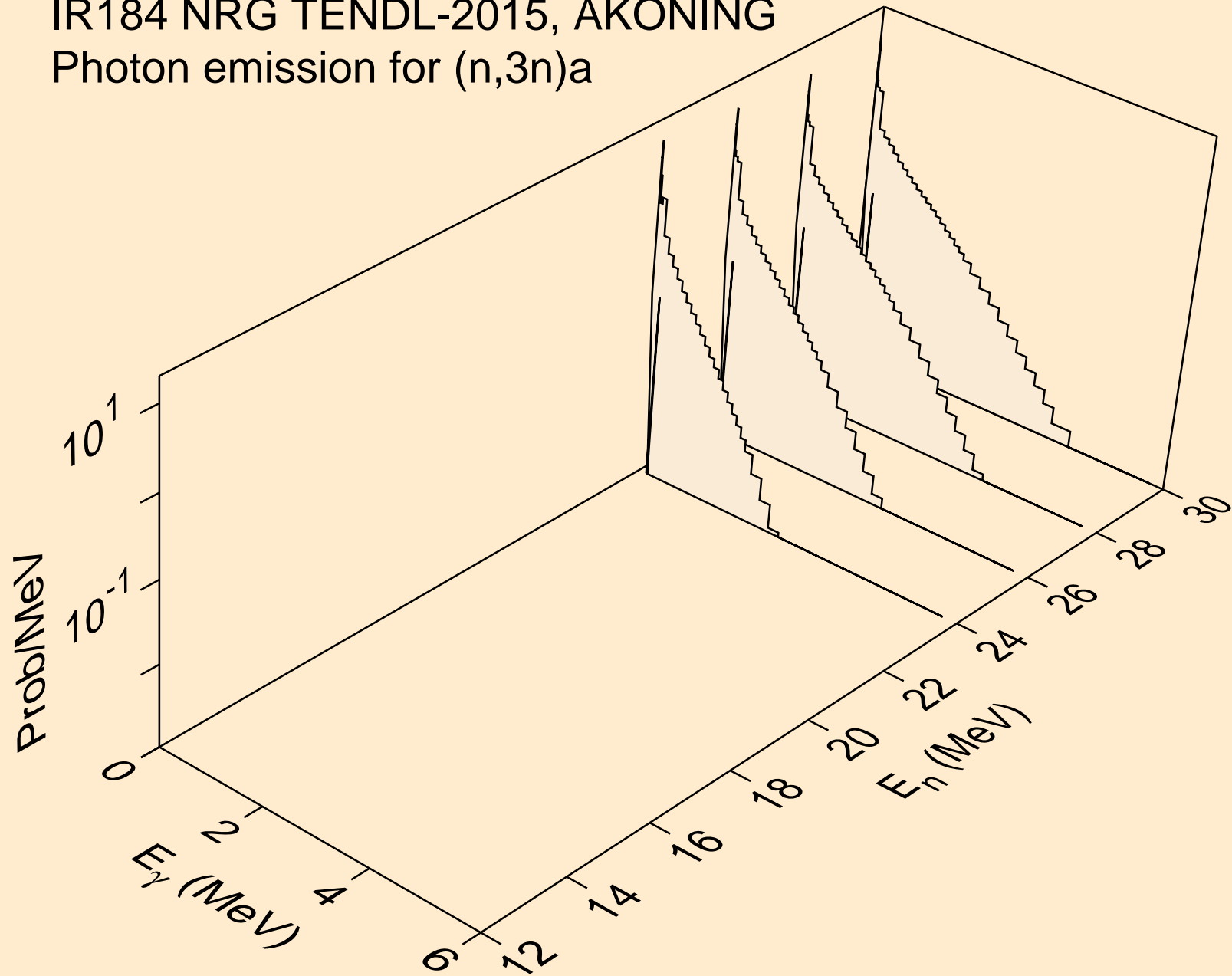
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



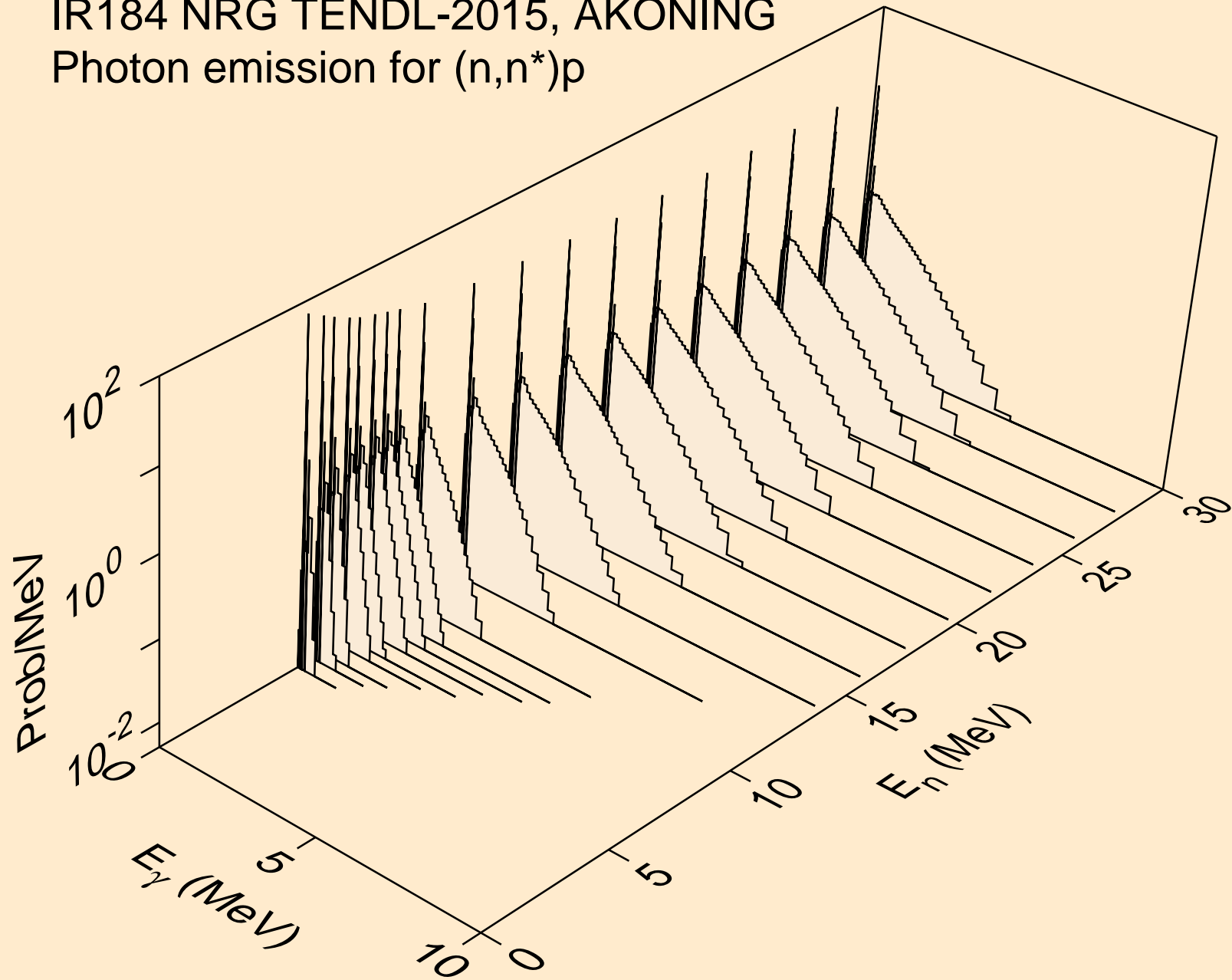
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



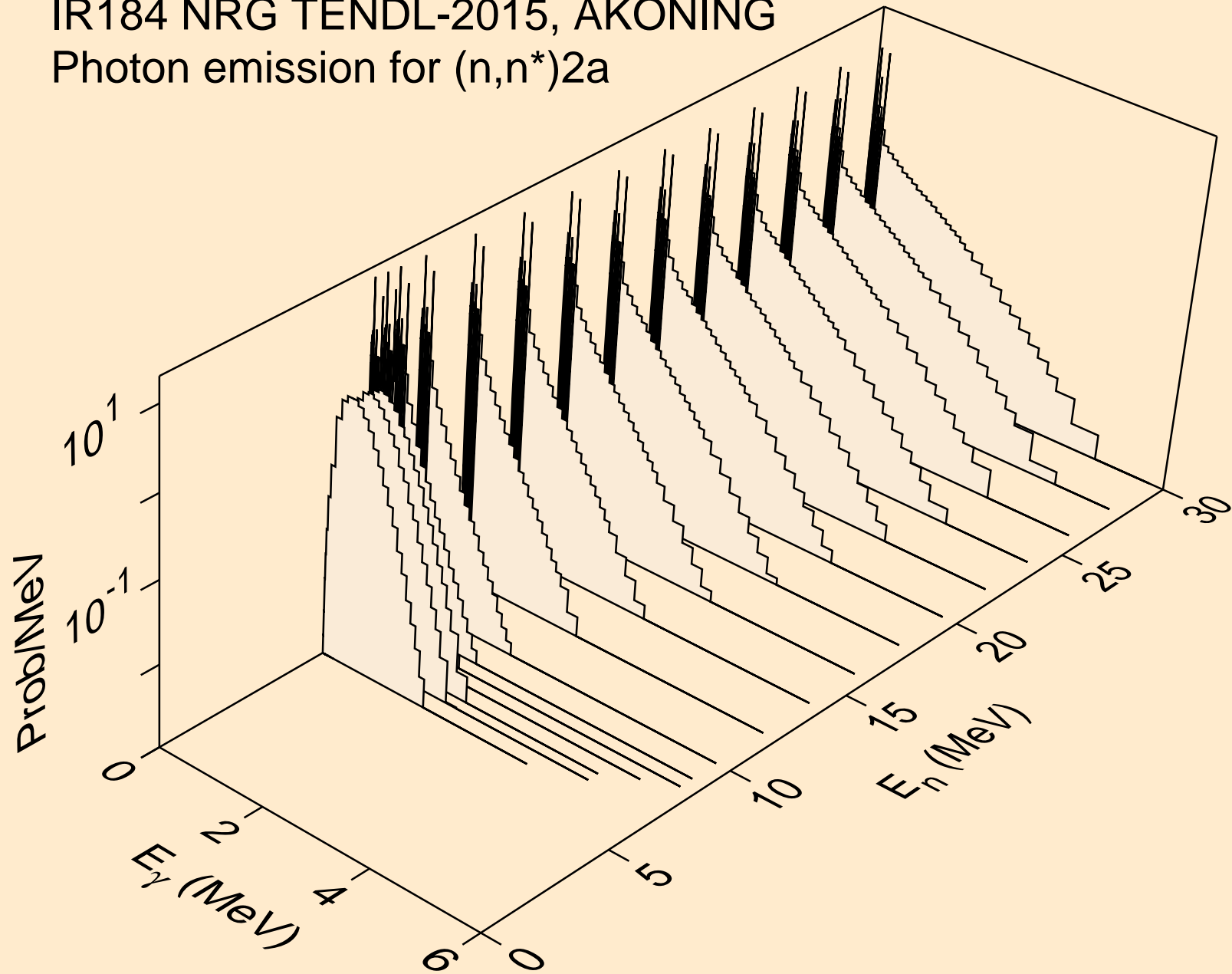
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



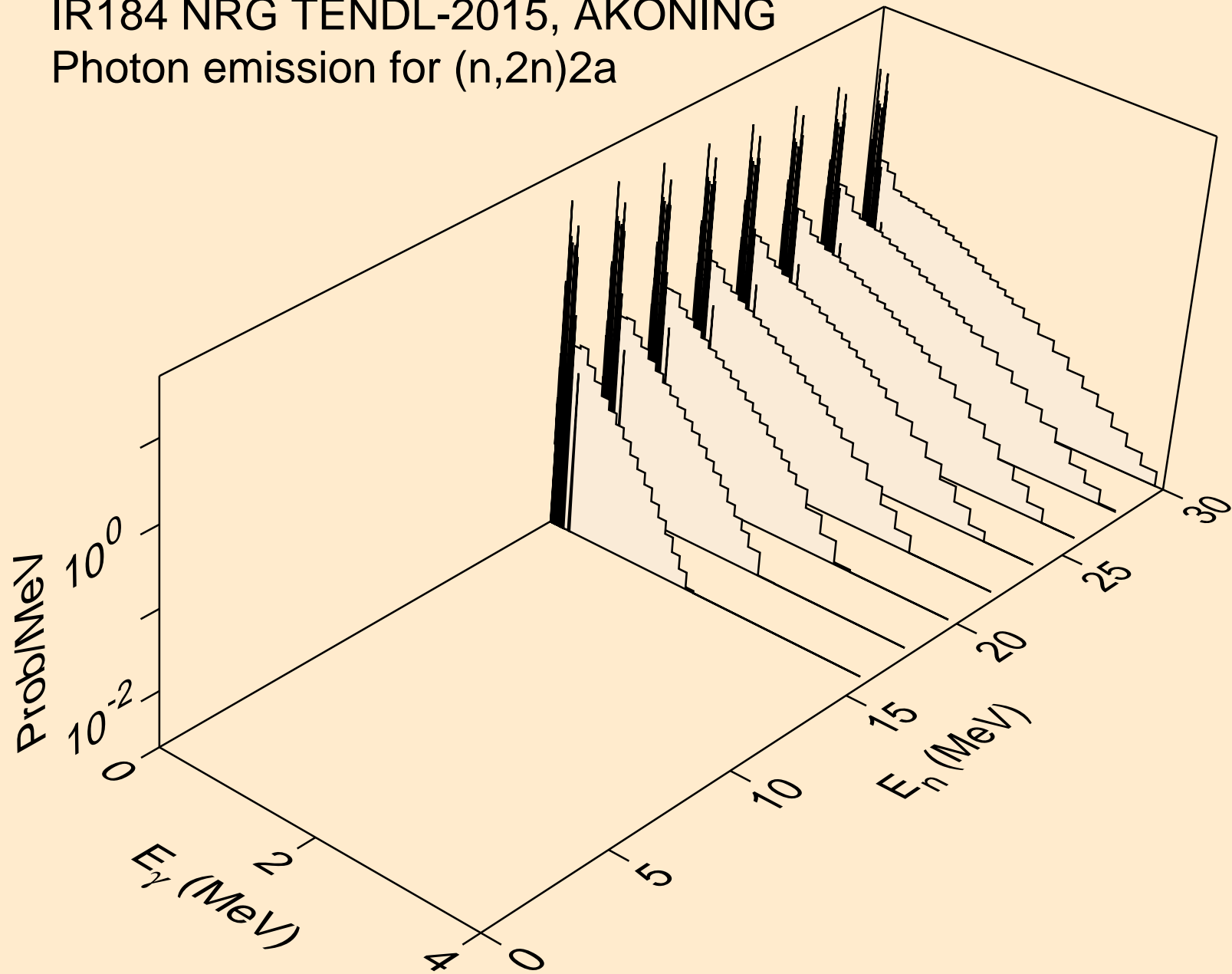
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



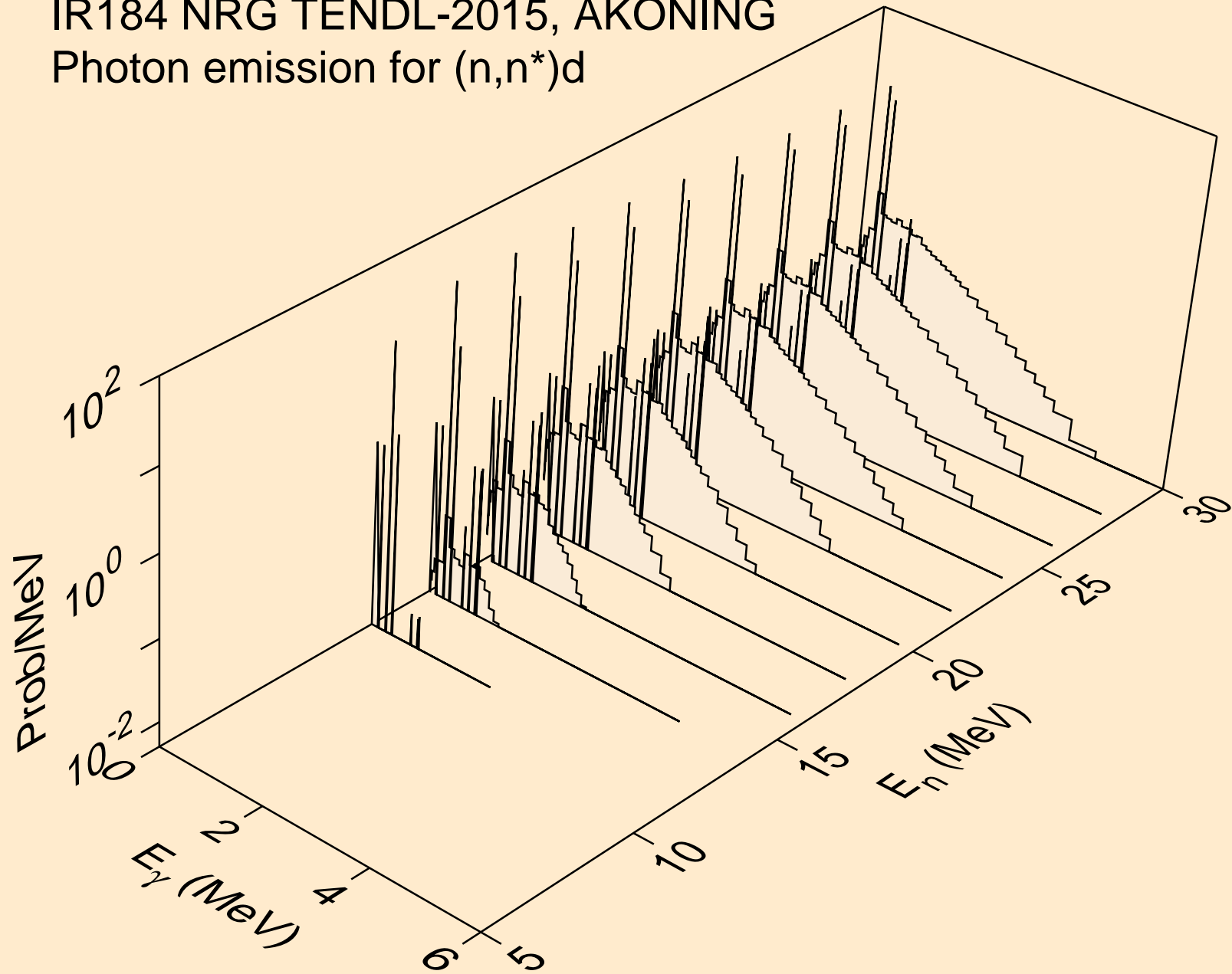
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



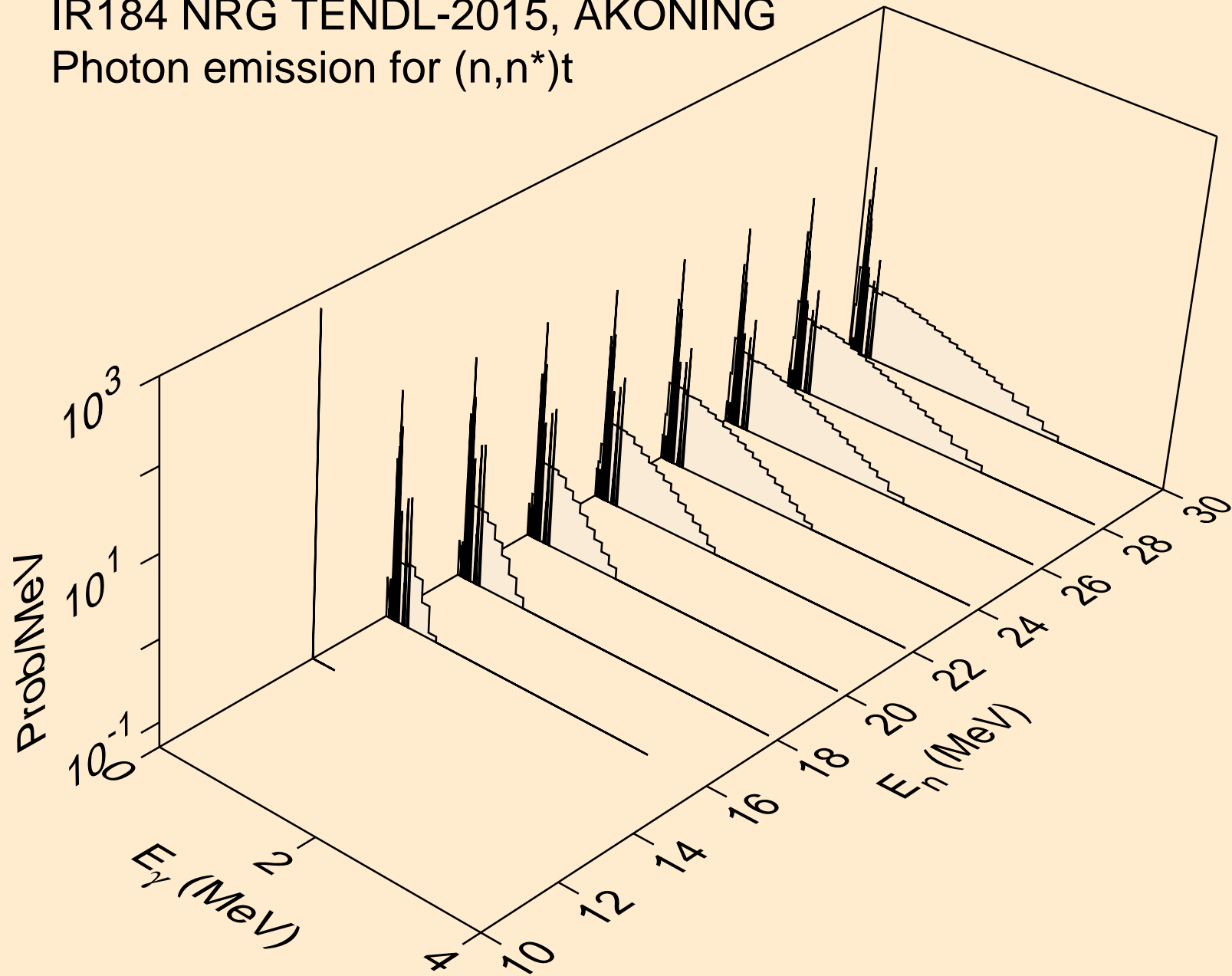
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

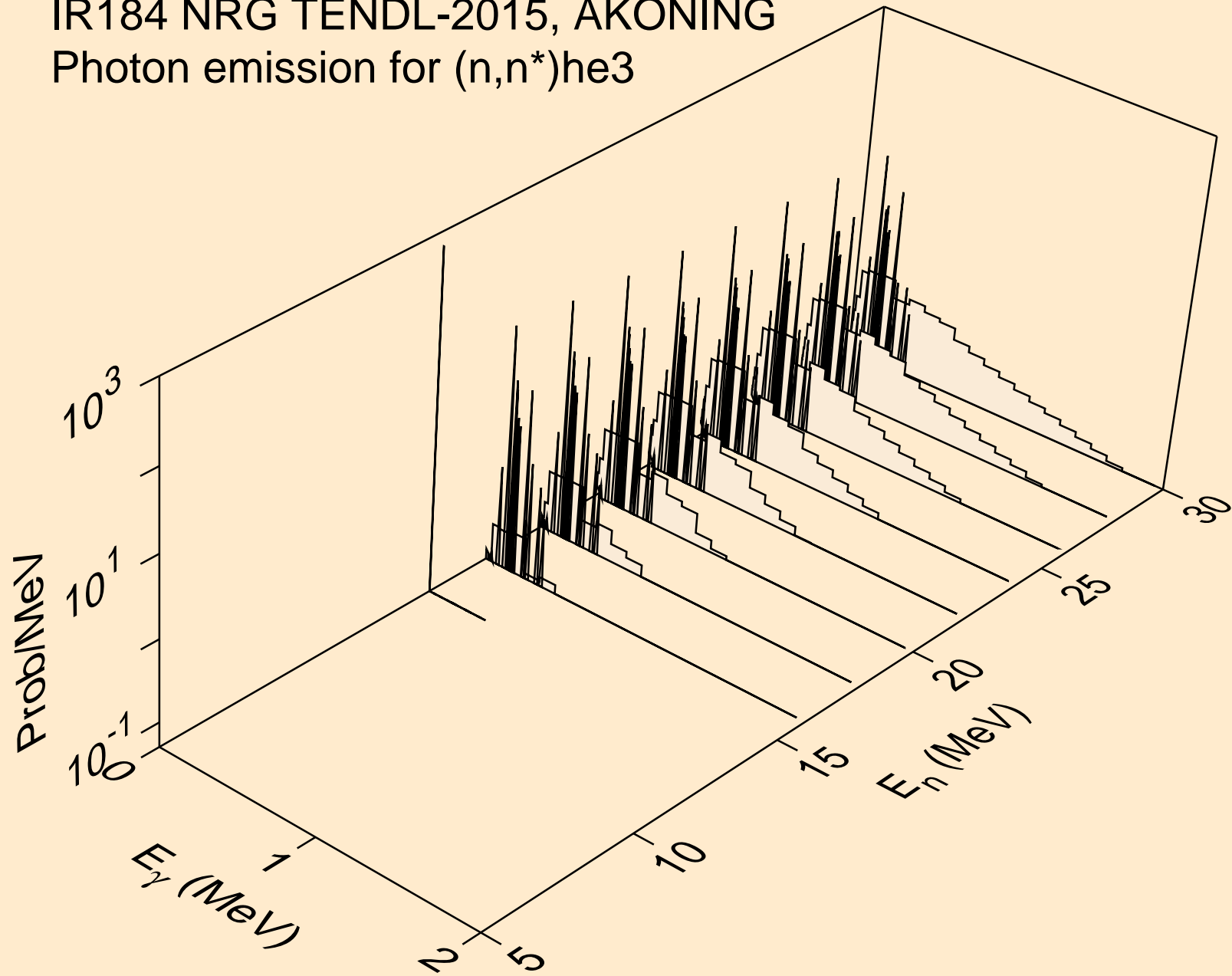


IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

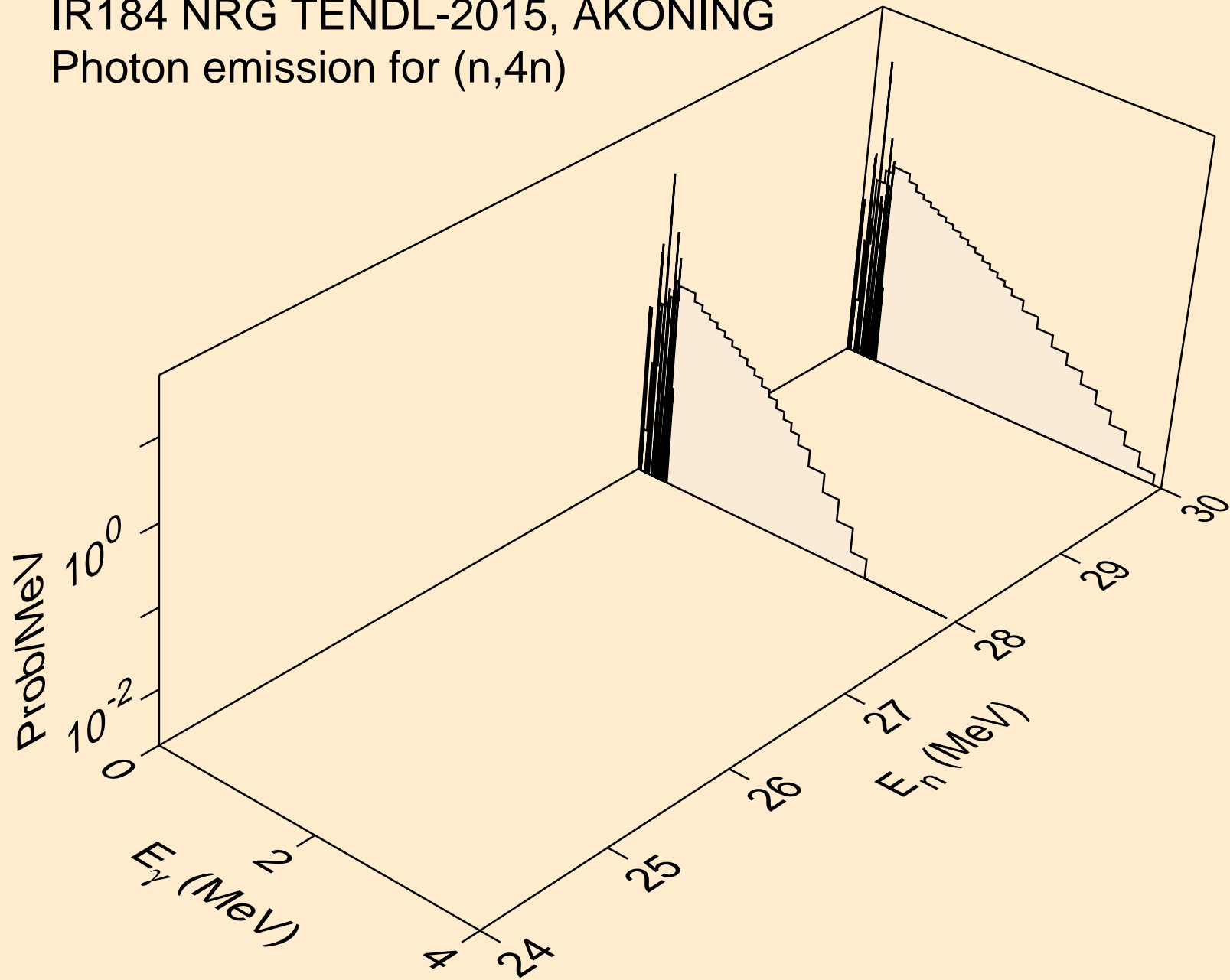




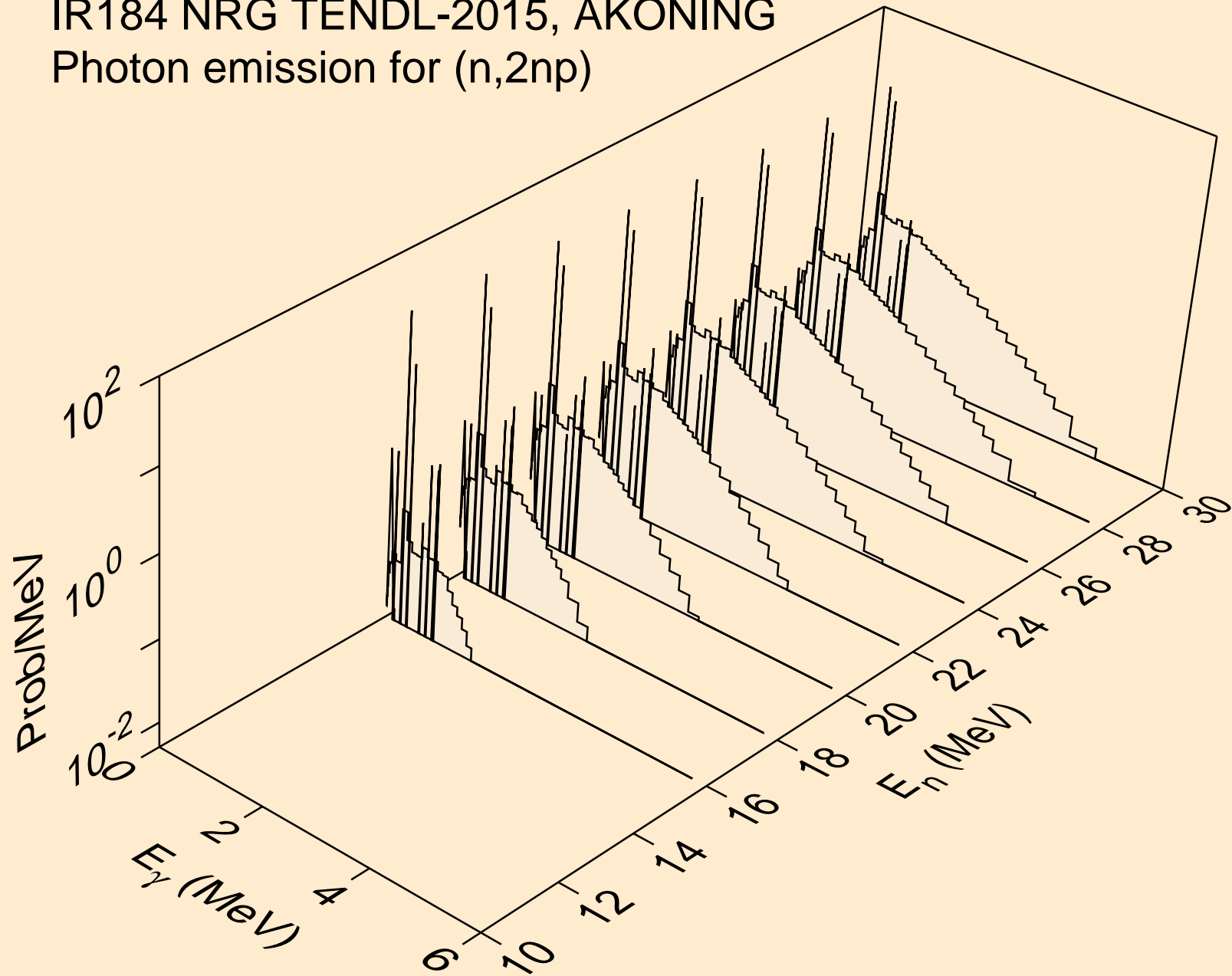
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



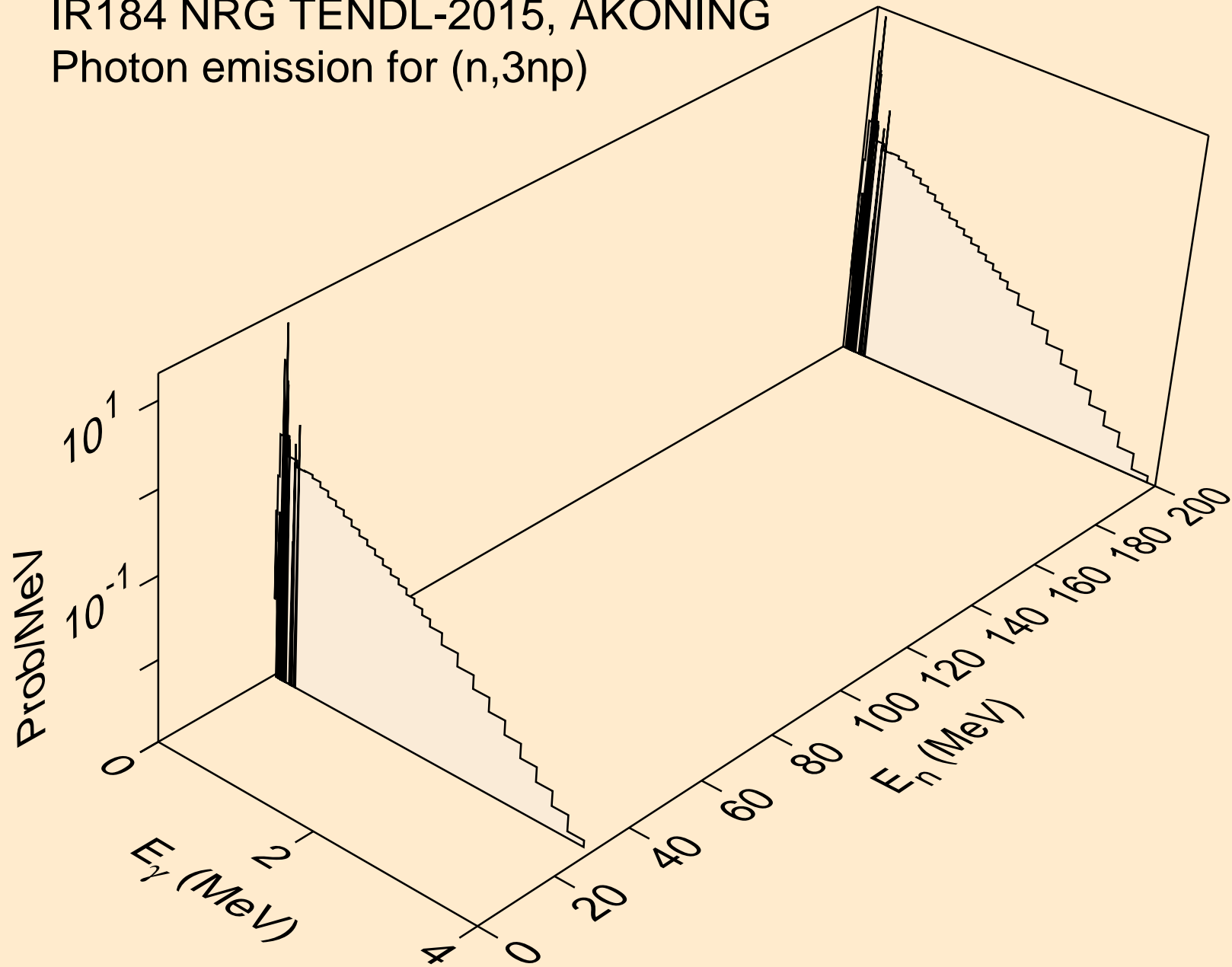
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



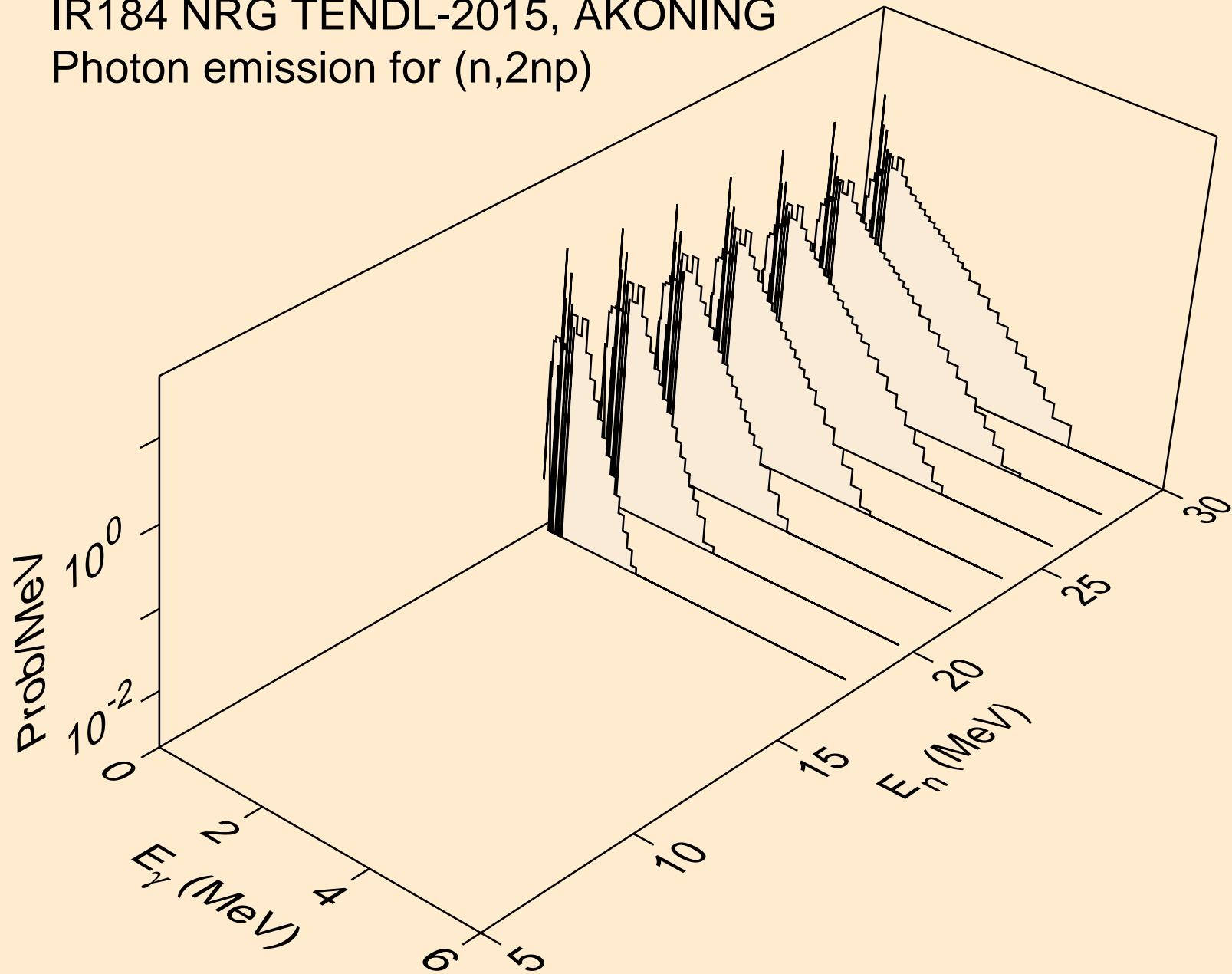
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



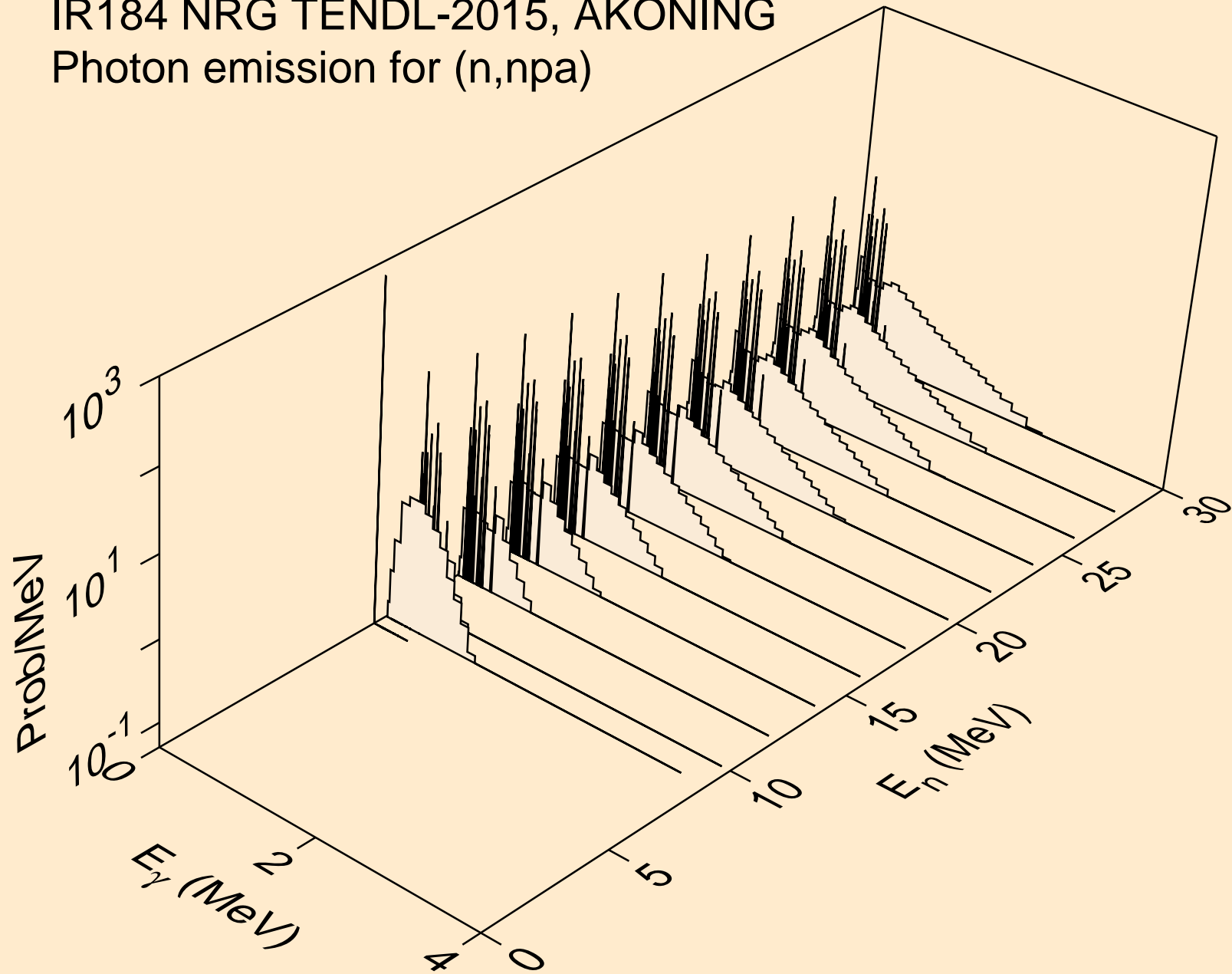
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



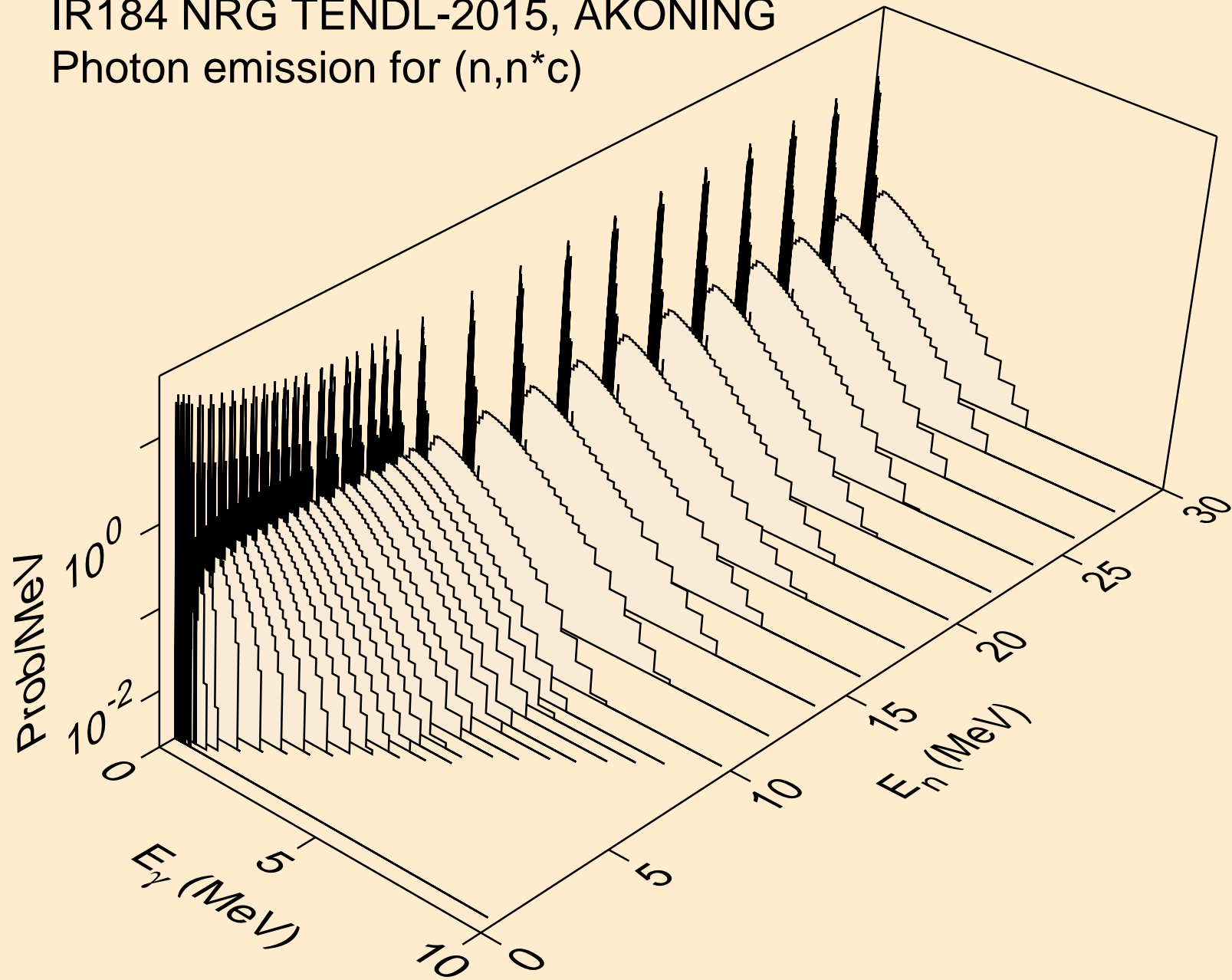
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



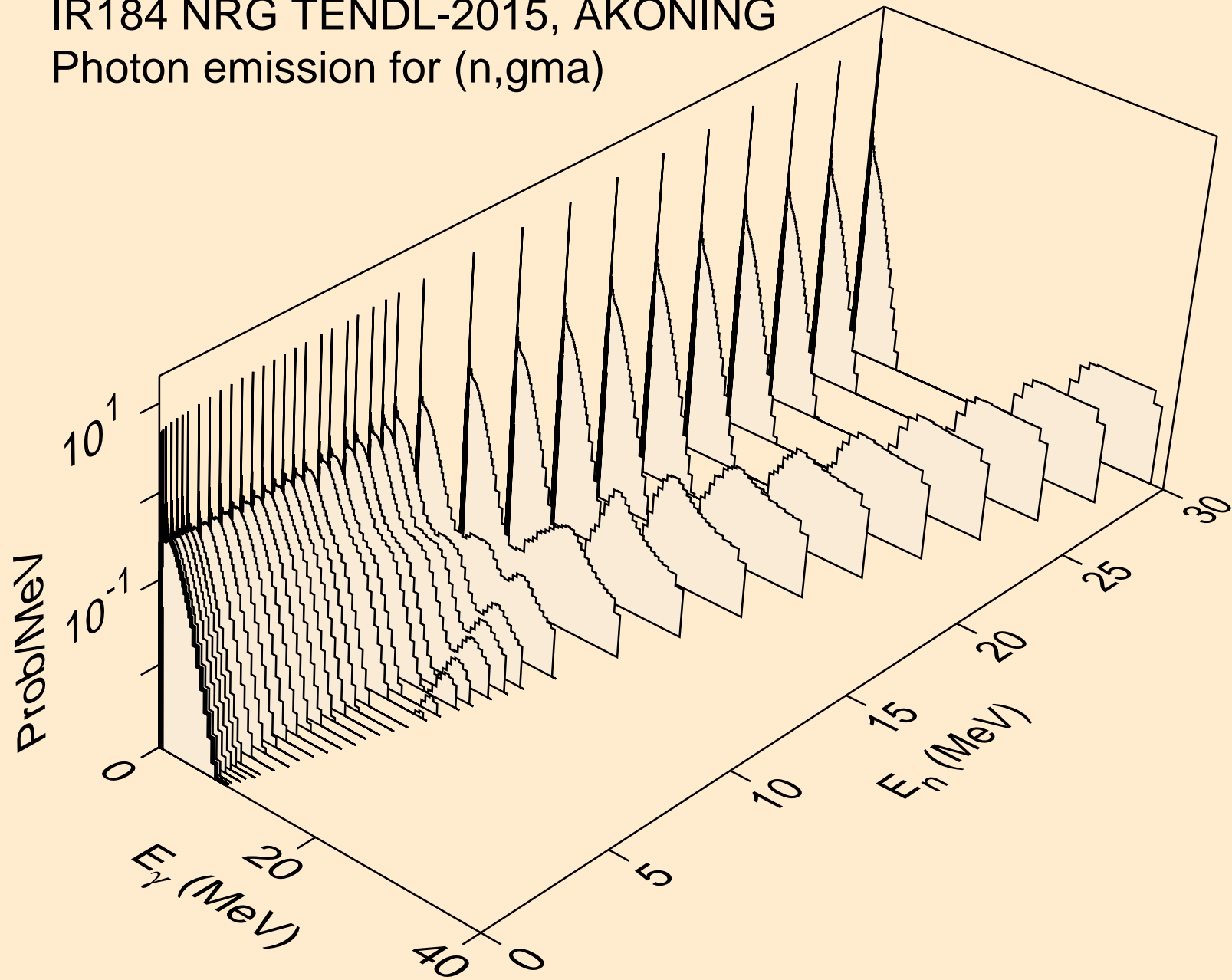
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

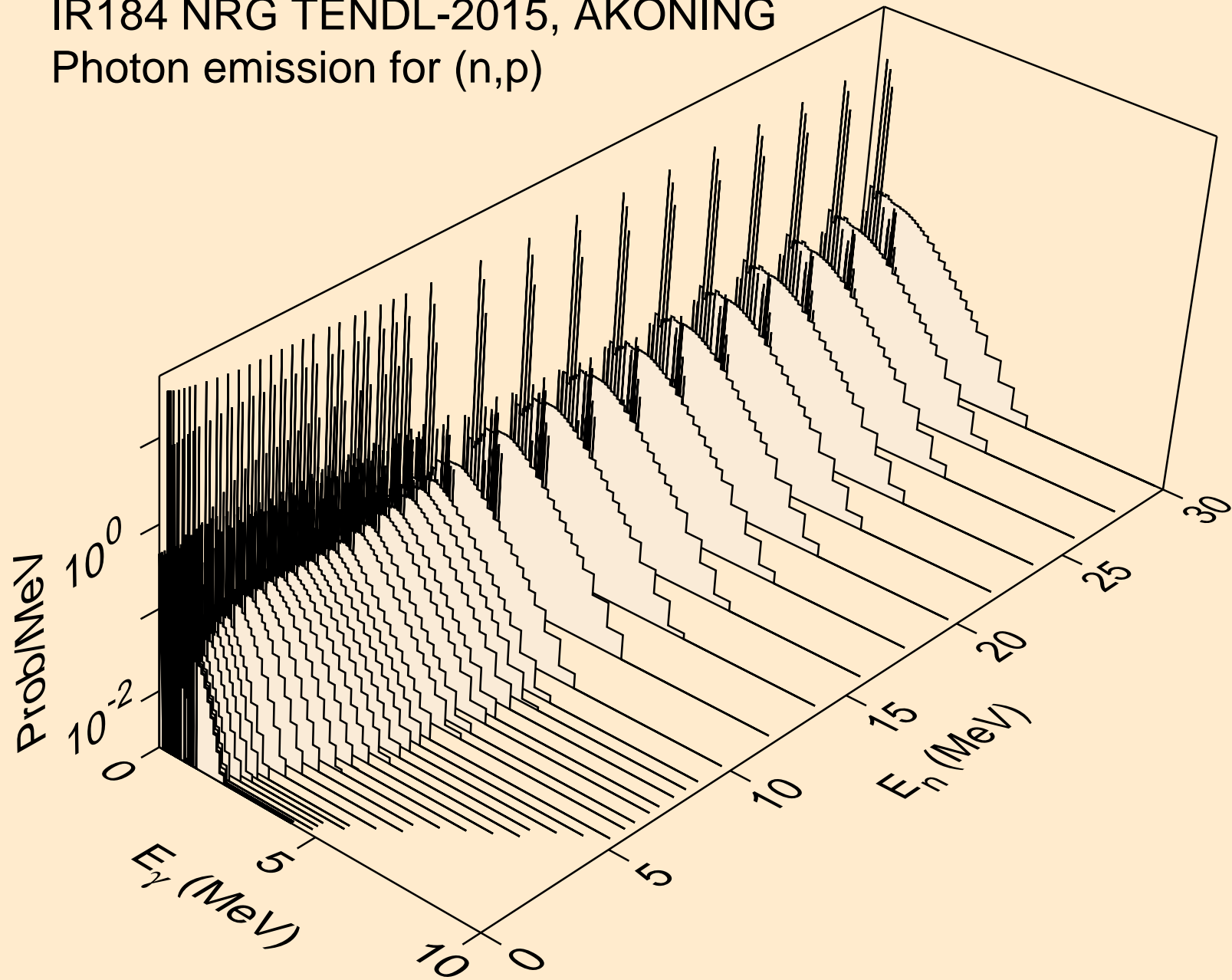


IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

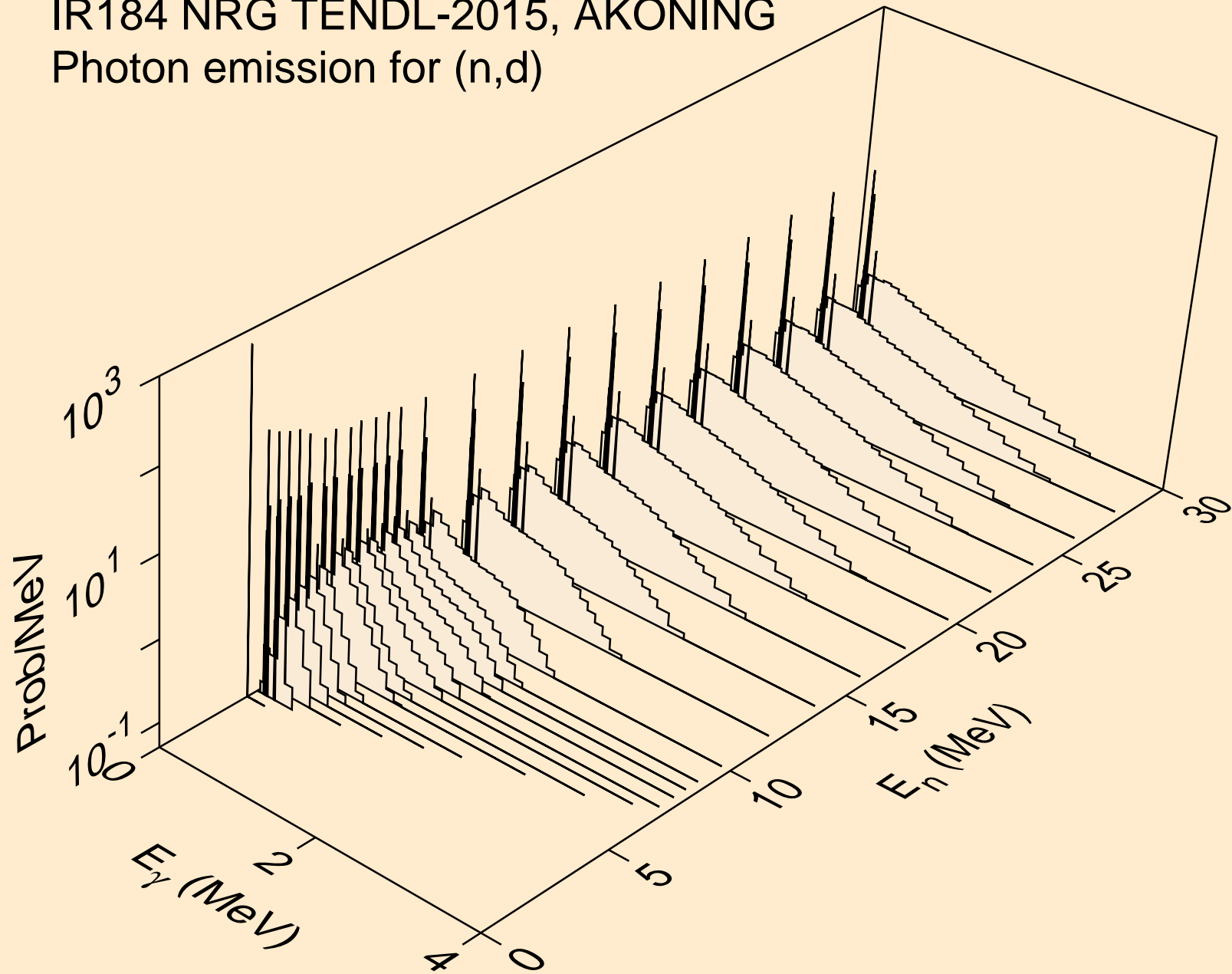




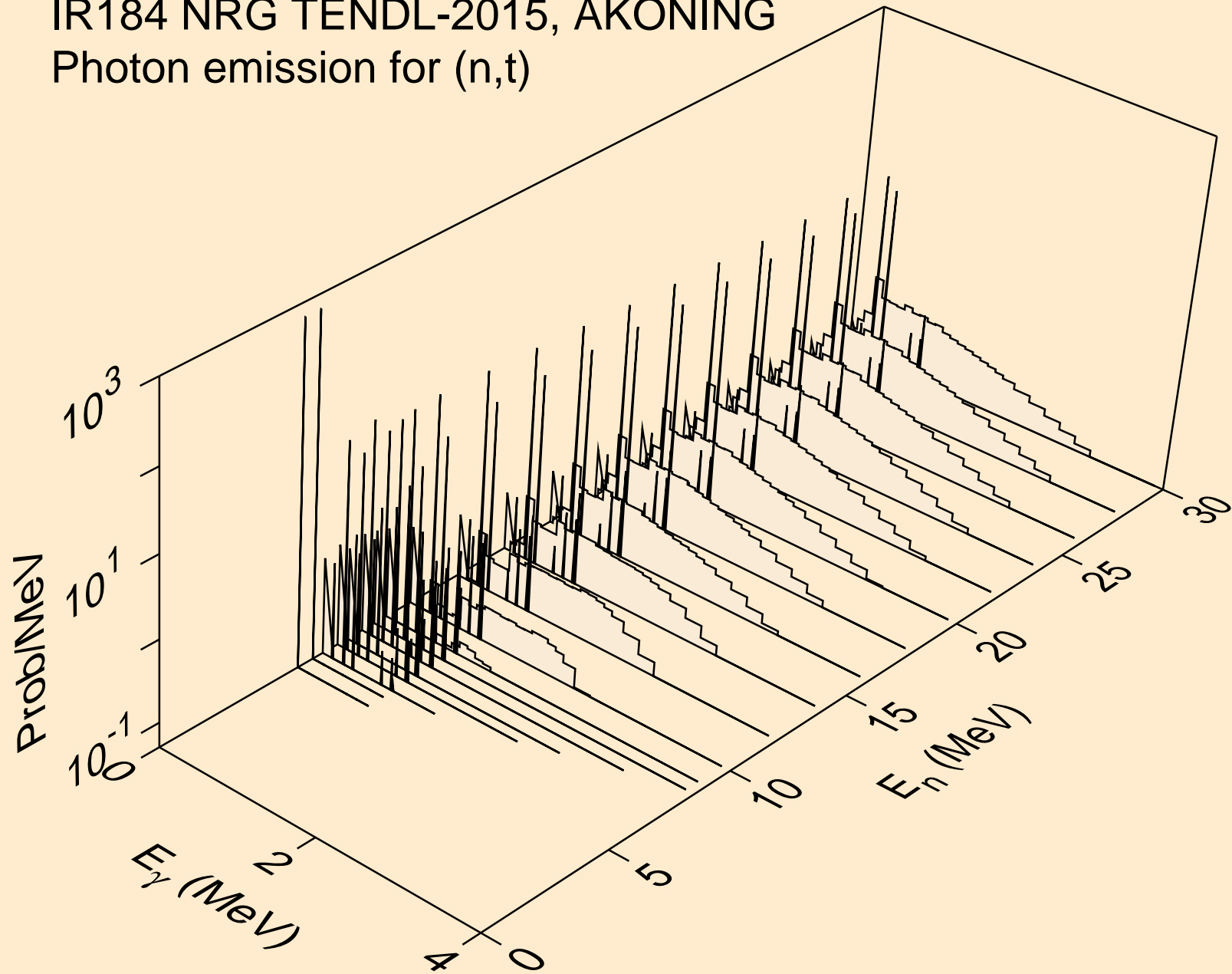
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



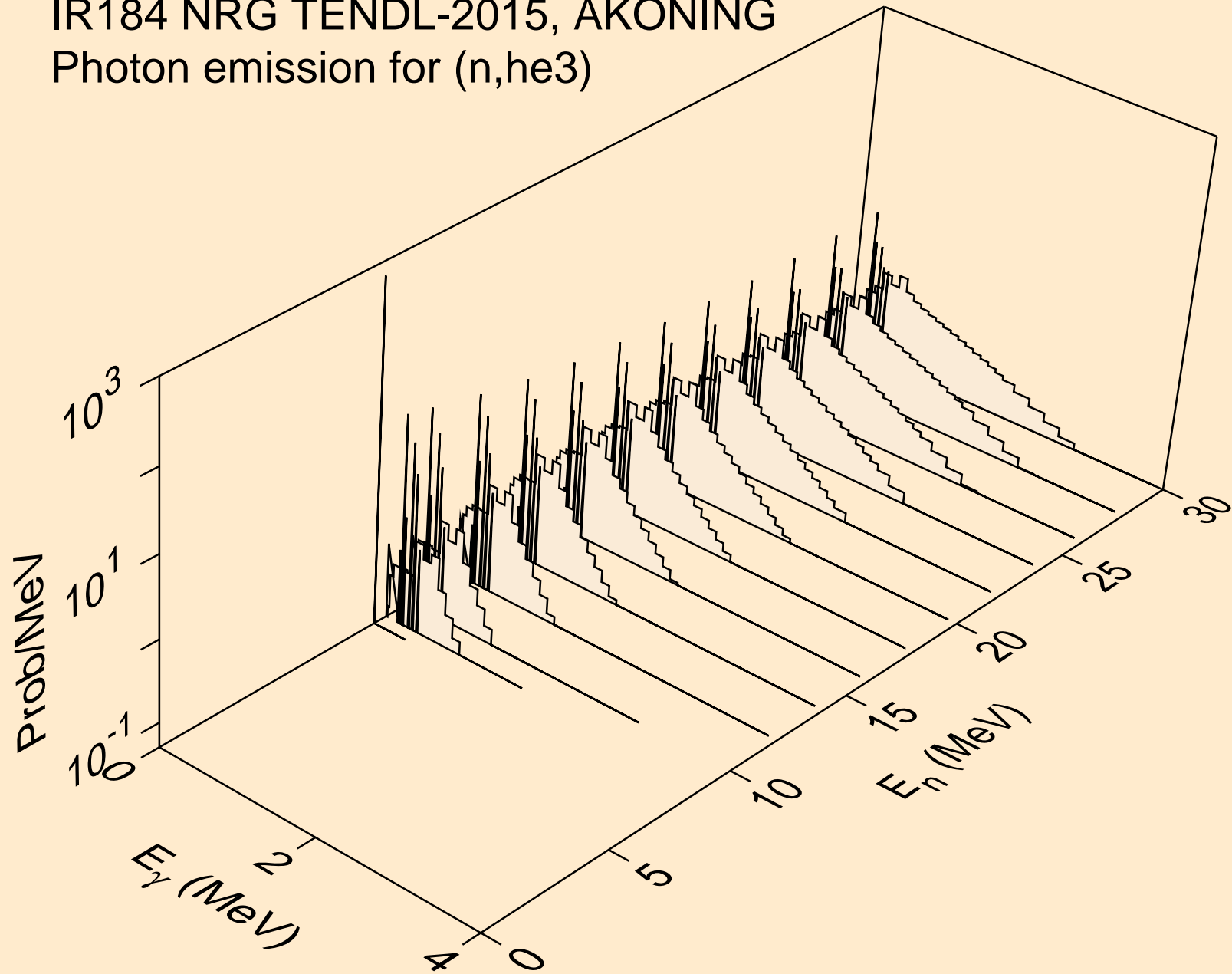
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



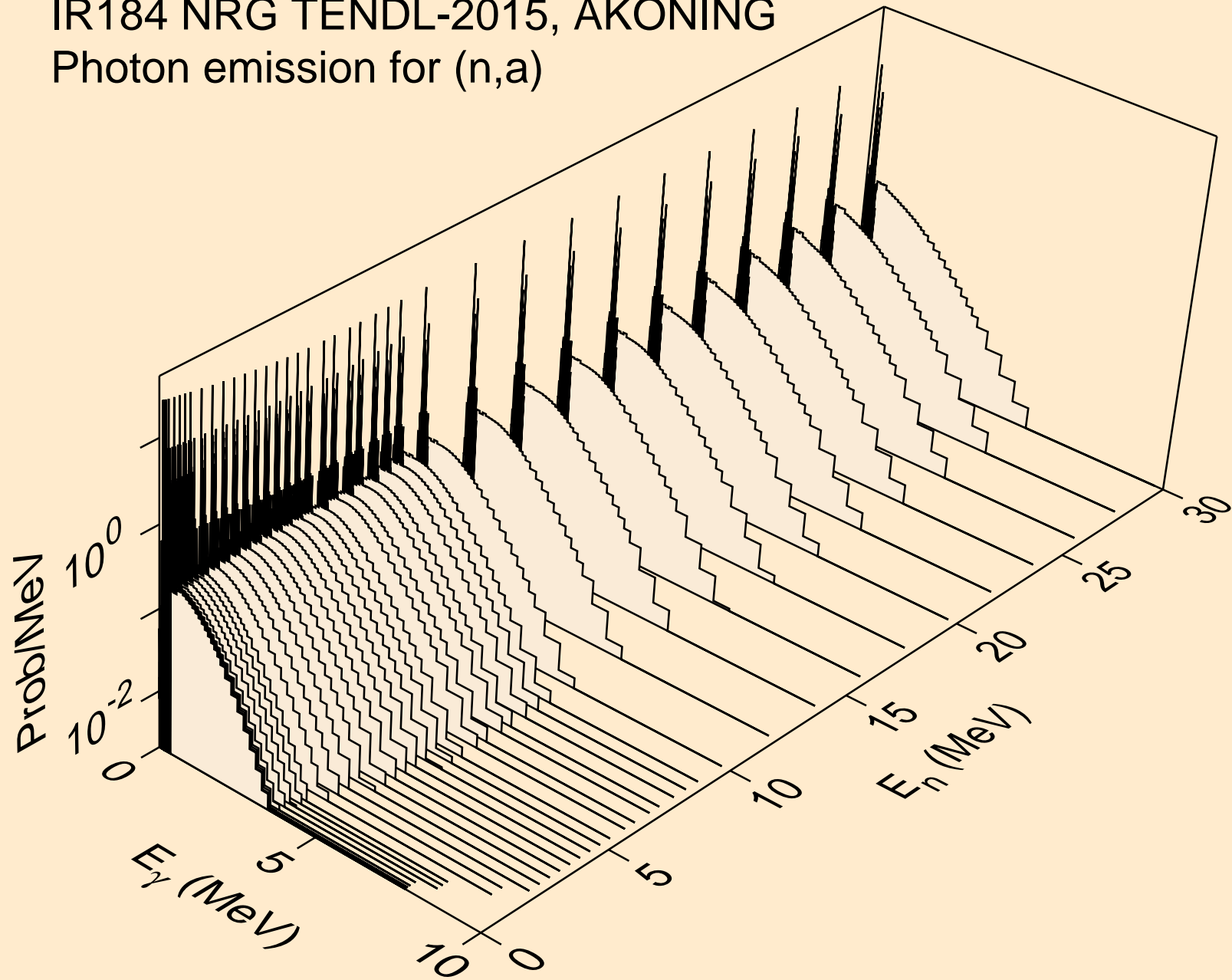
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



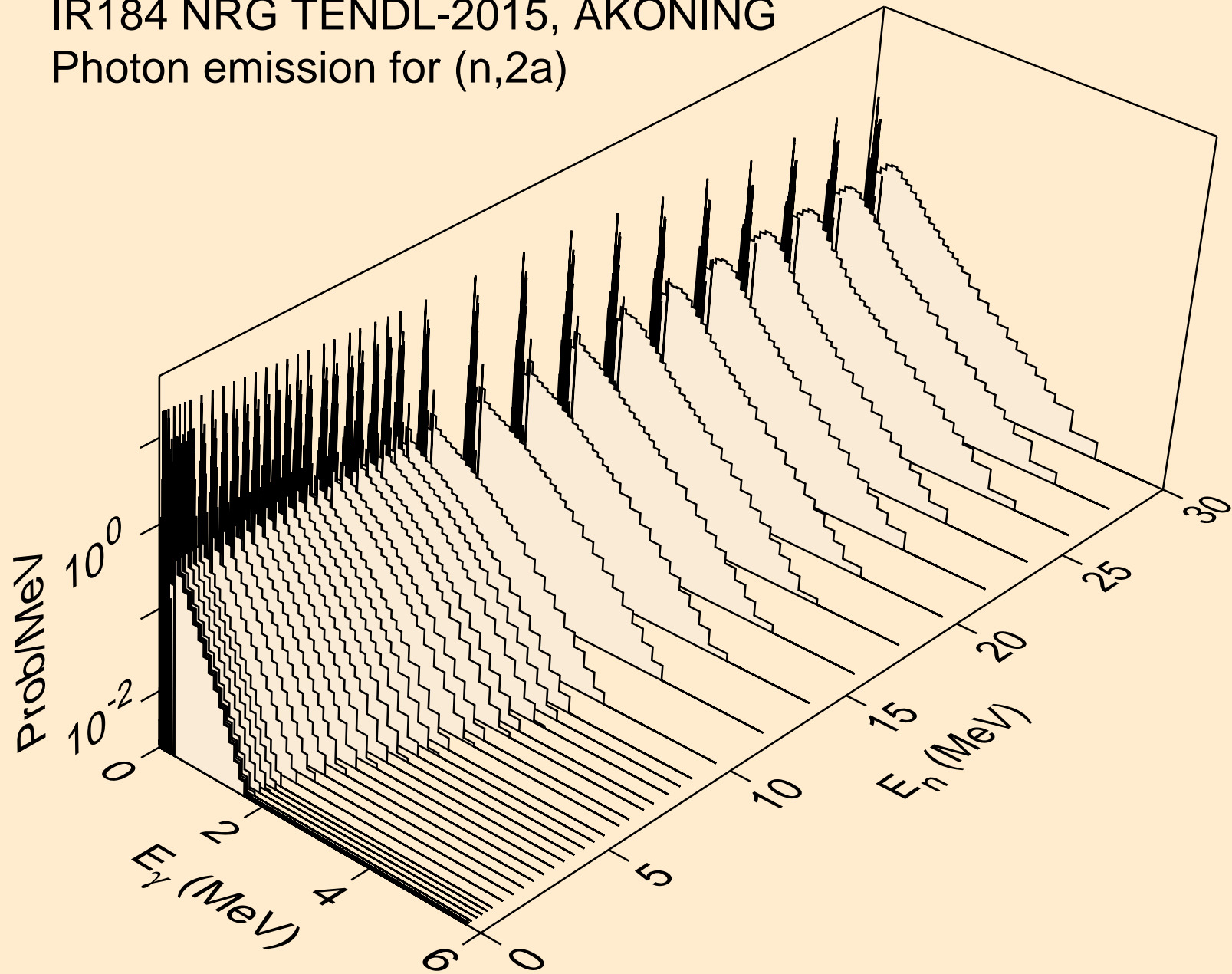
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



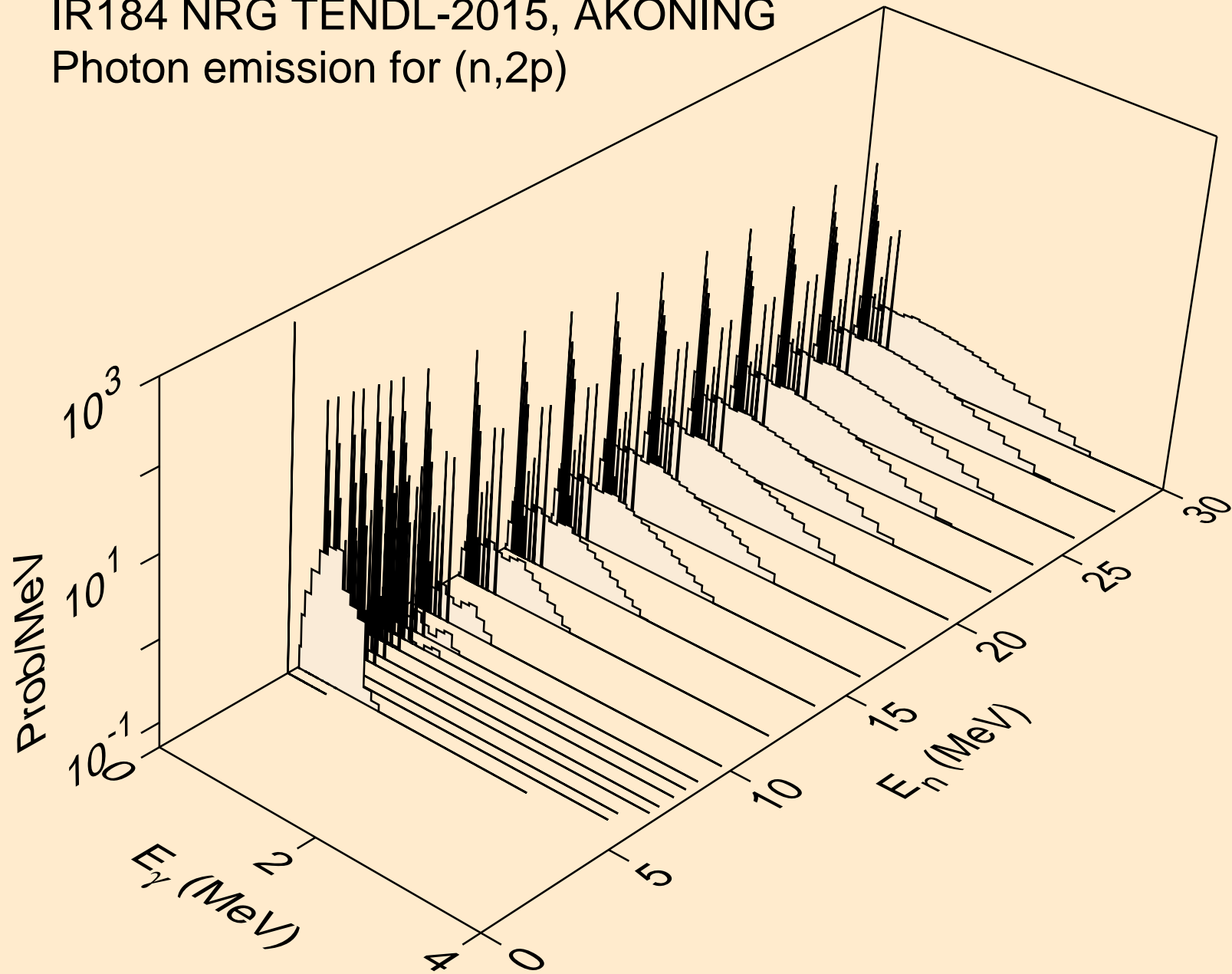
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



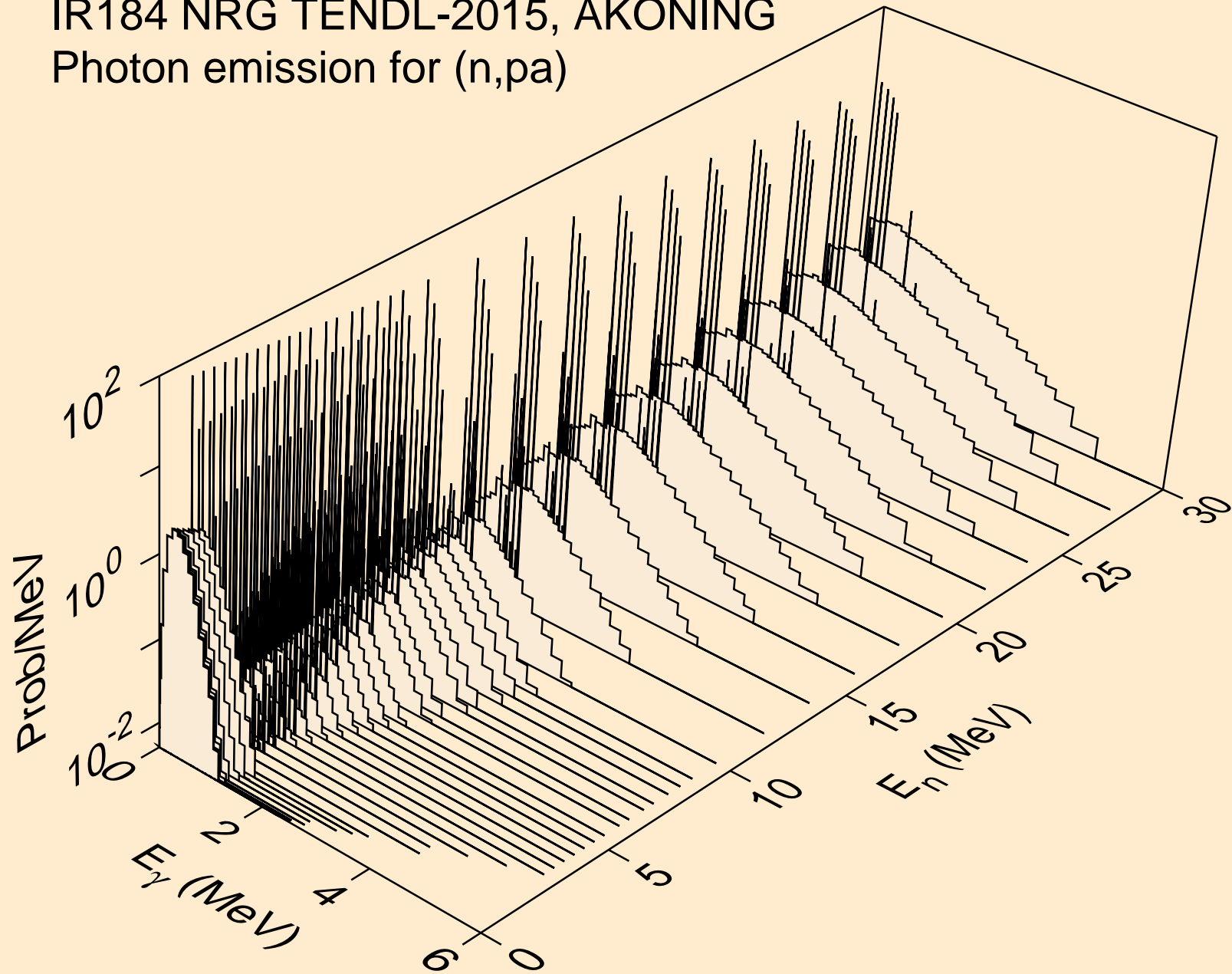
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

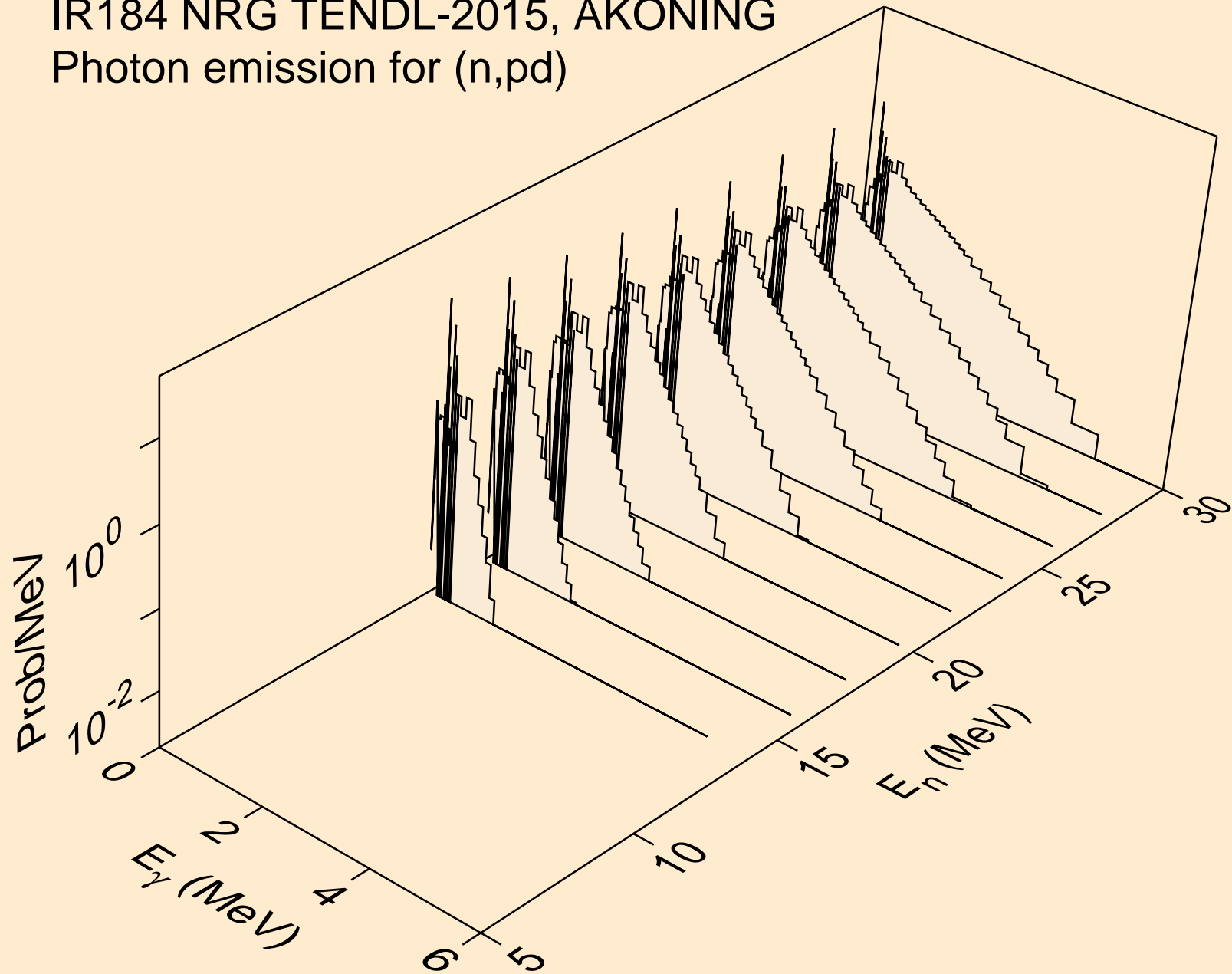


IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

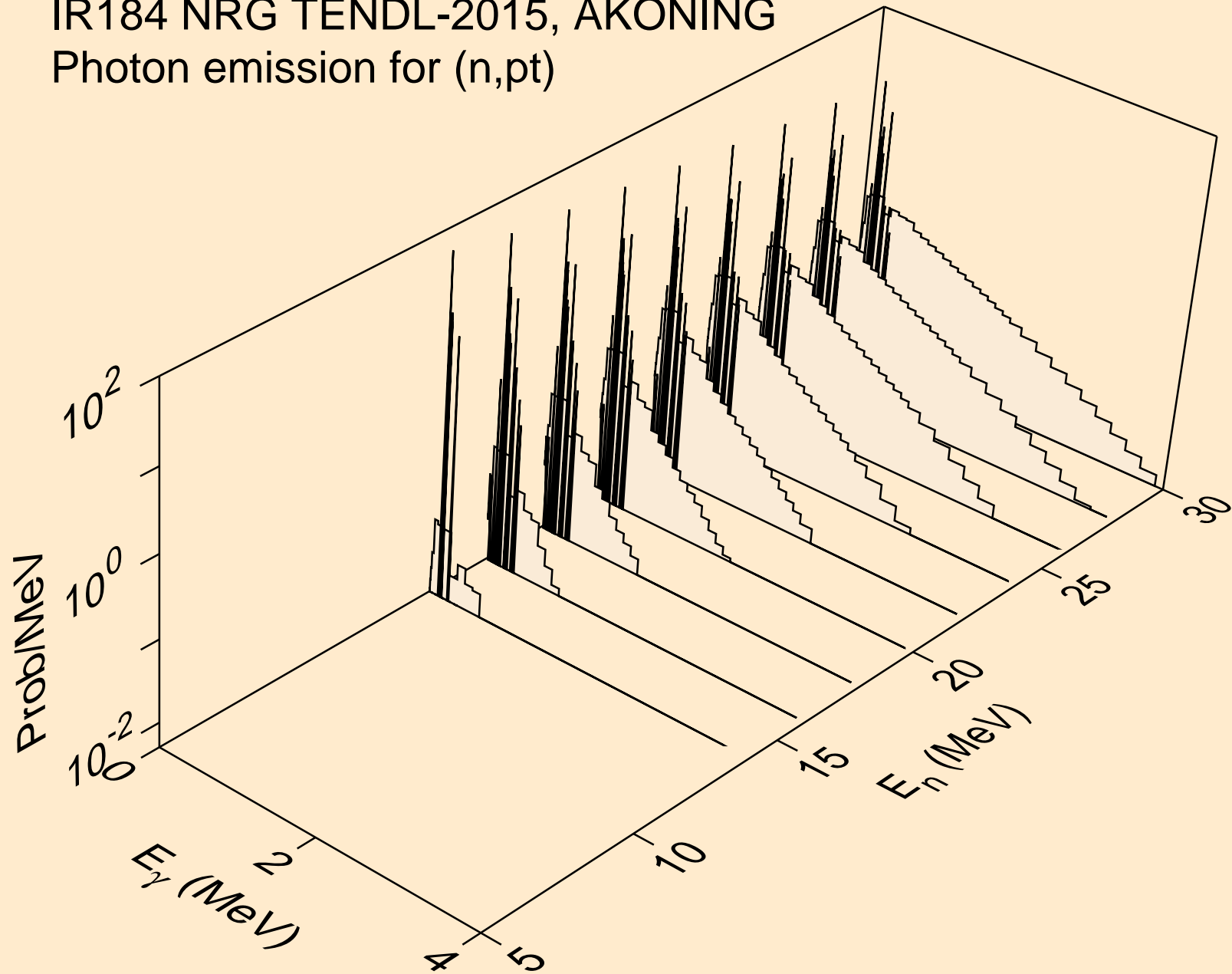




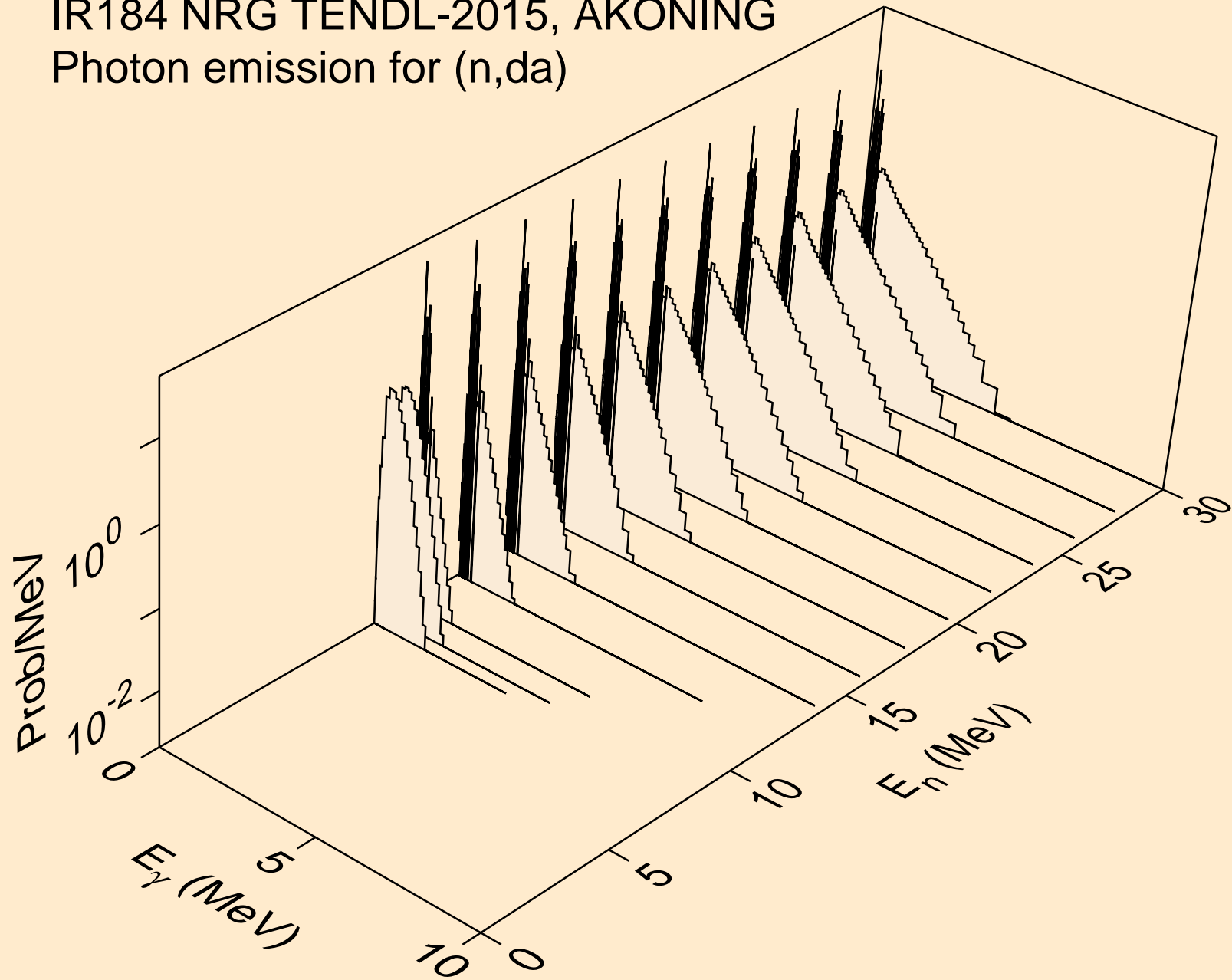
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



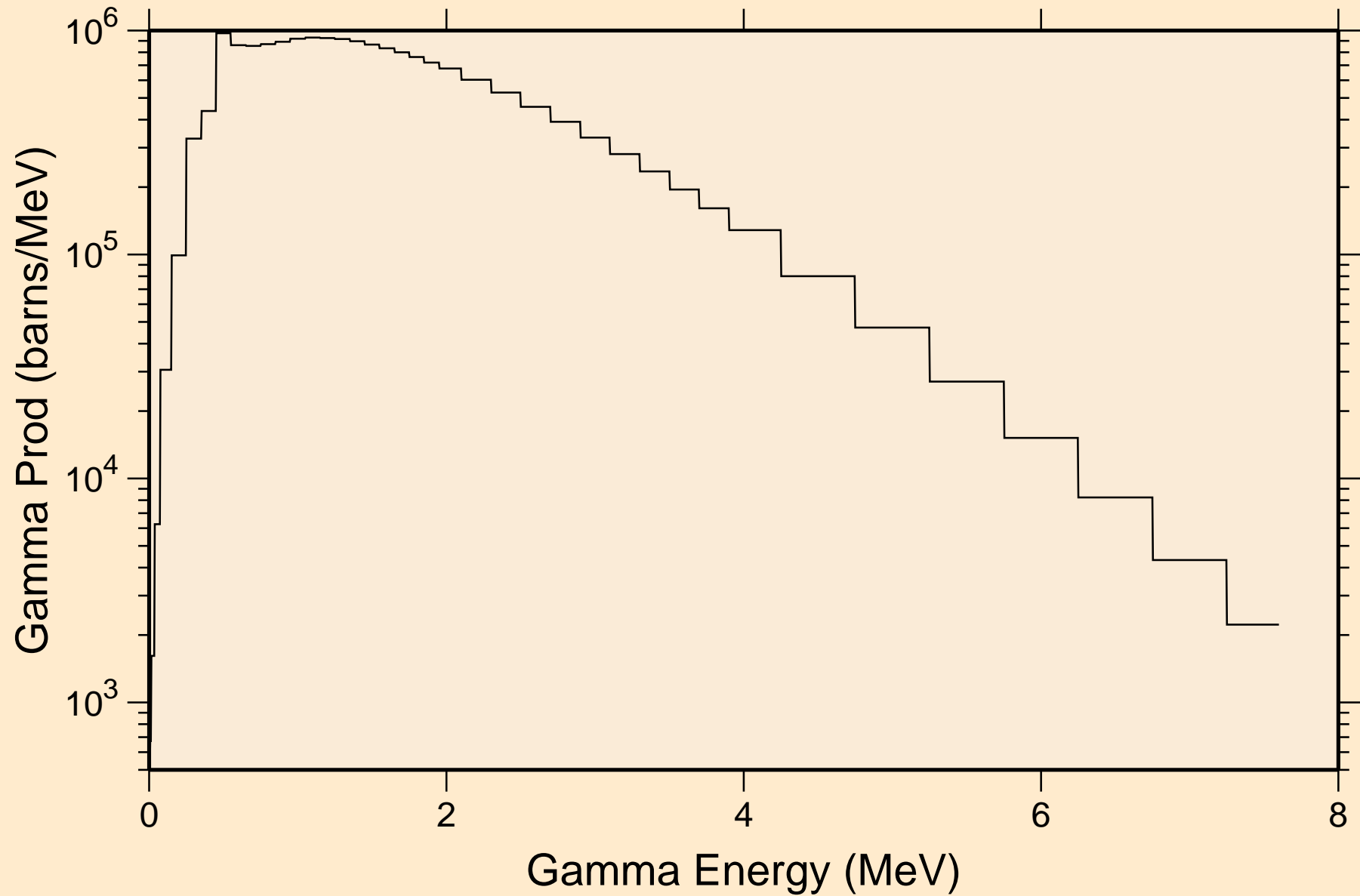
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



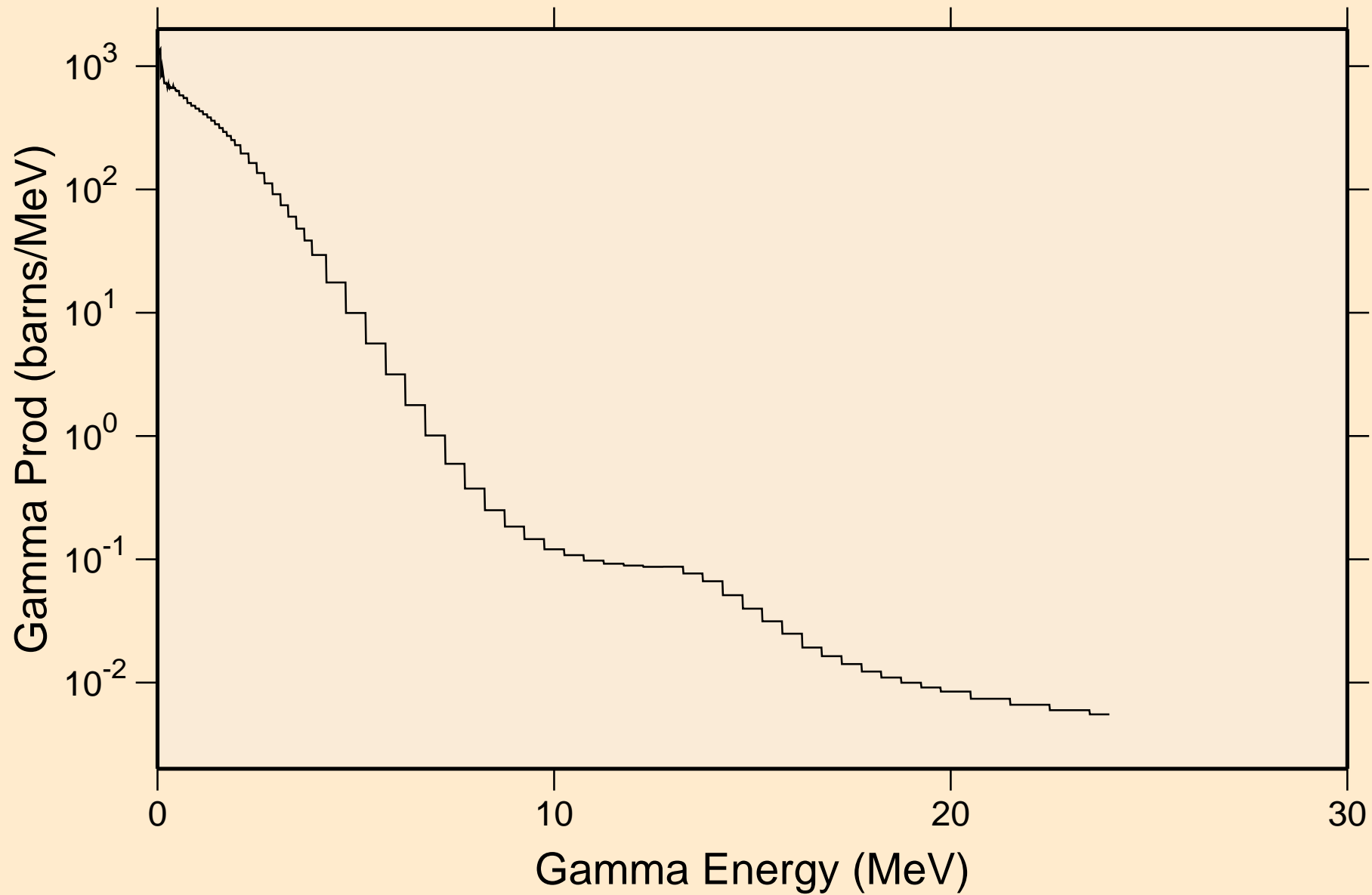
IR184 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



IR184 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

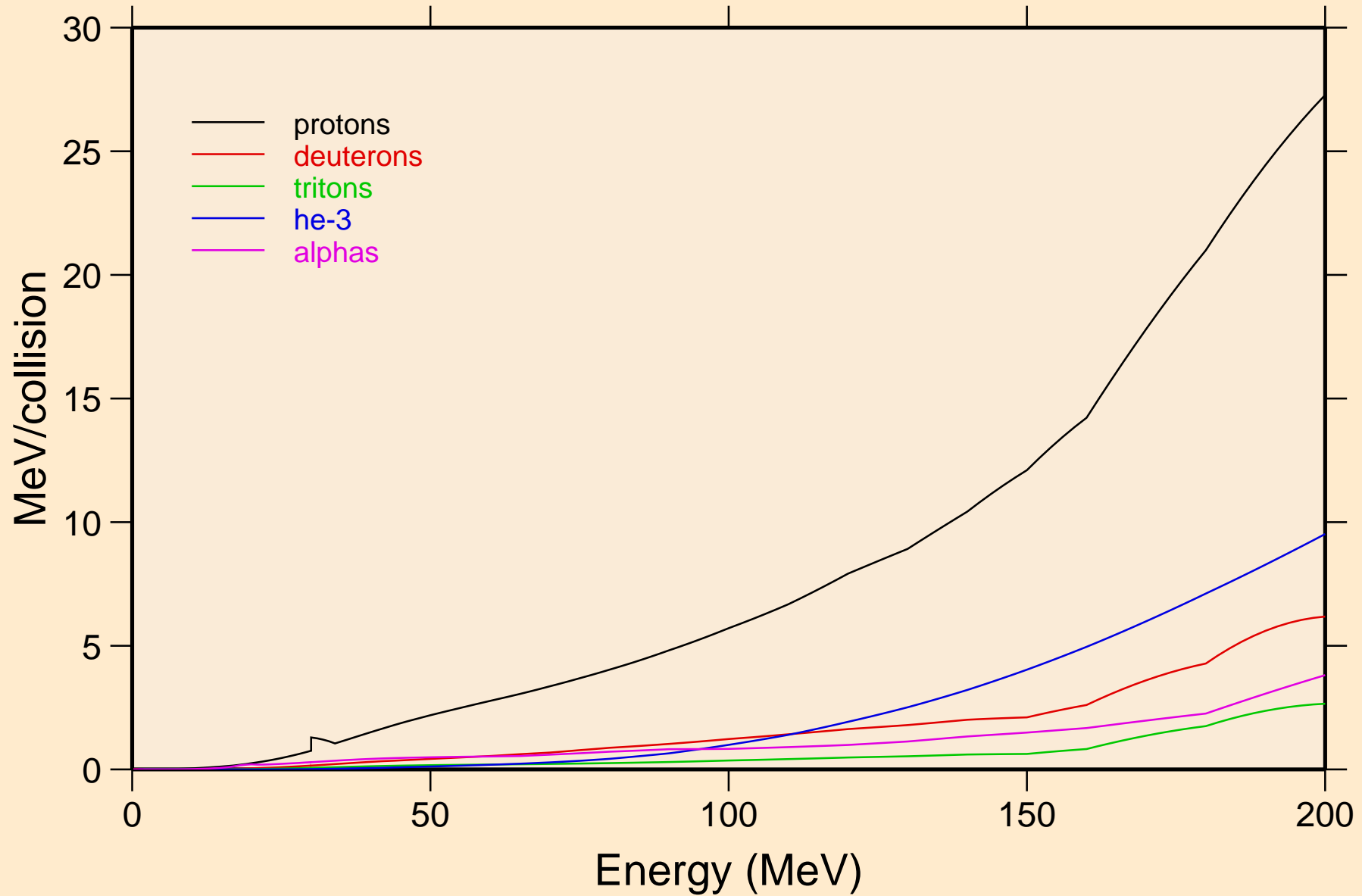


IR184 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



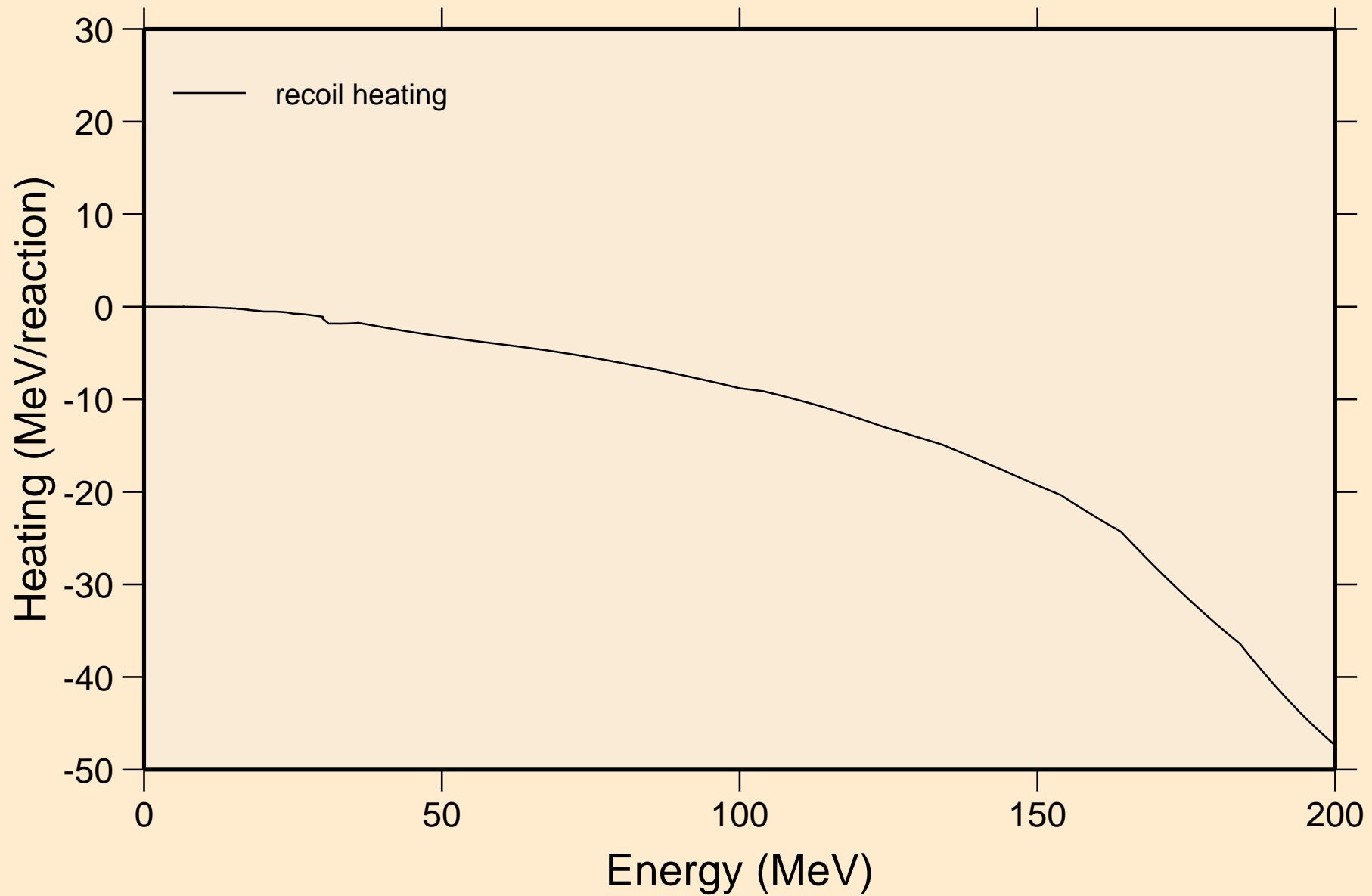
# IR184 NRG TENDL-2015, AKONING

## Particle heating contributions



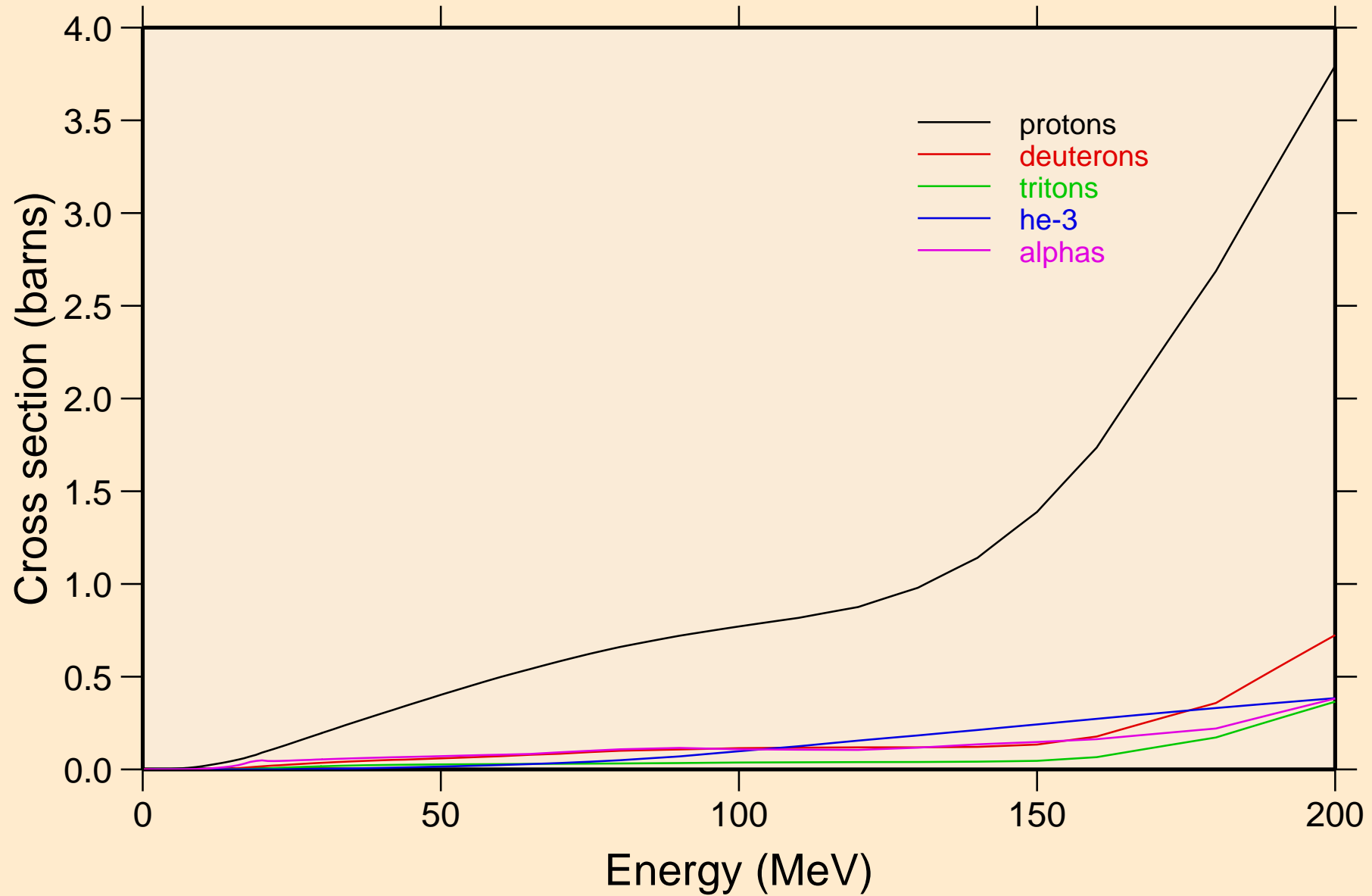
# IR184 NRG TENDL-2015, AKONING

## Recoil Heating



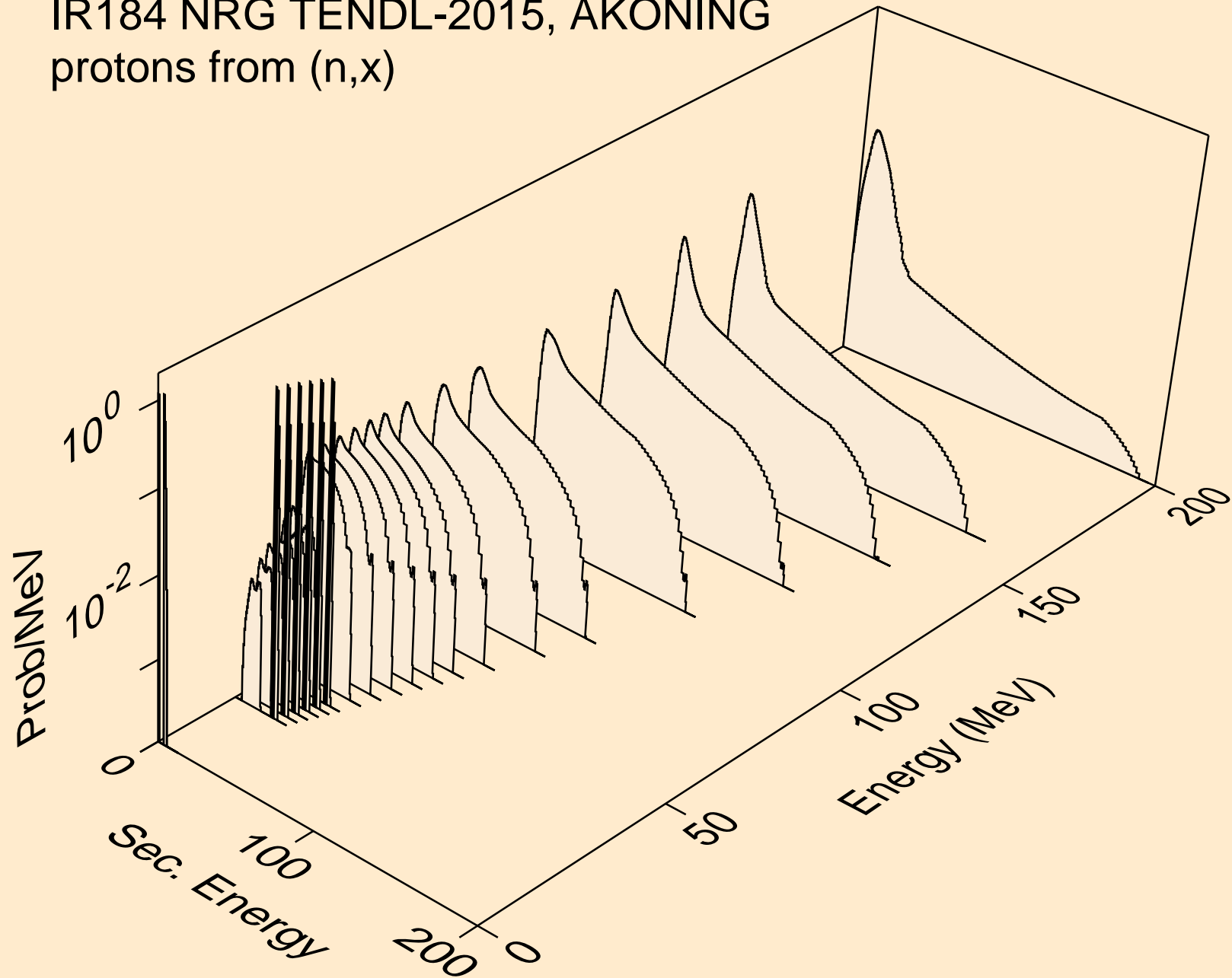
# IR184 NRG TENDL-2015, AKONING

## Particle production cross sections

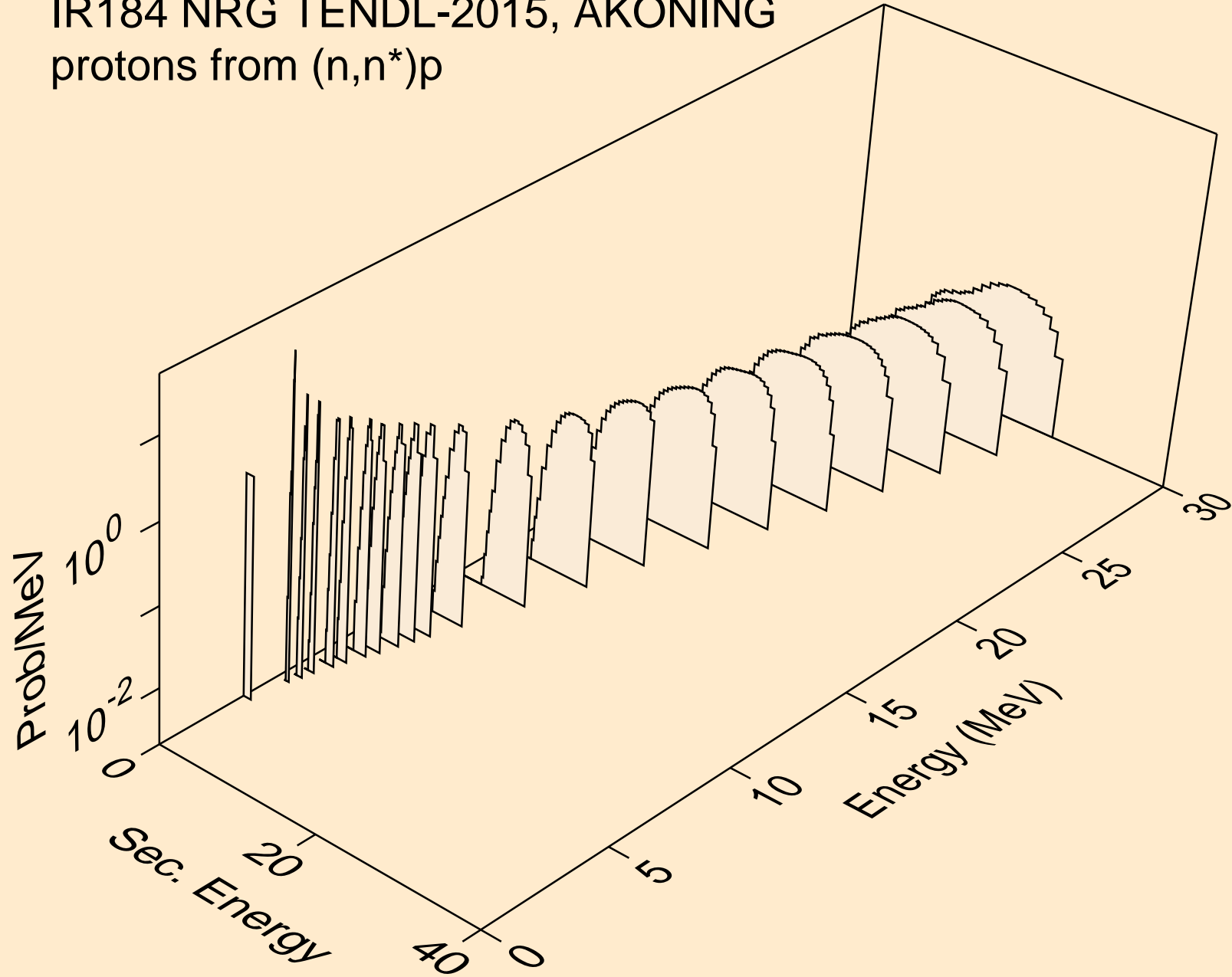




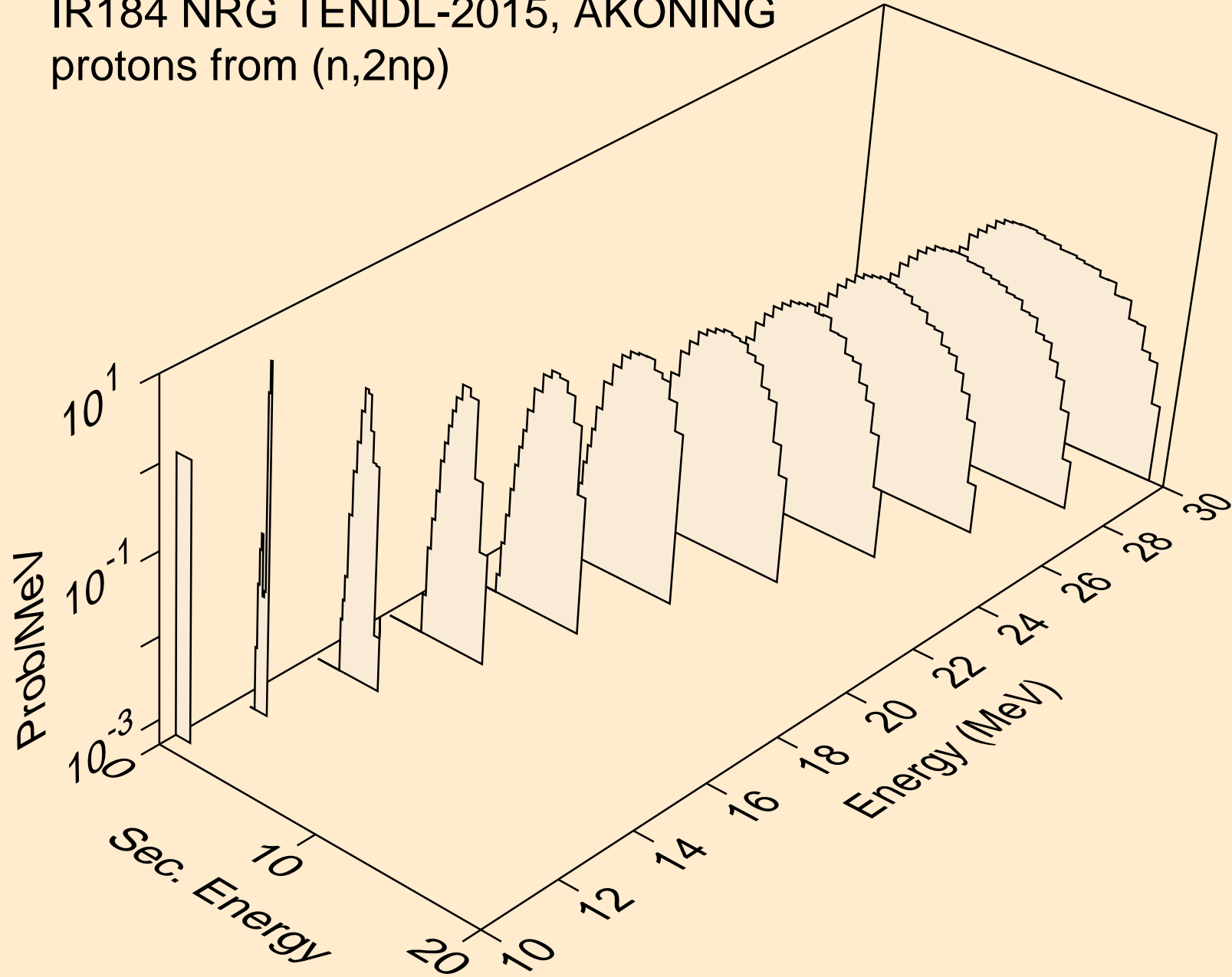
IR184 NRG TENDL-2015, AKONING  
protons from (n,x)



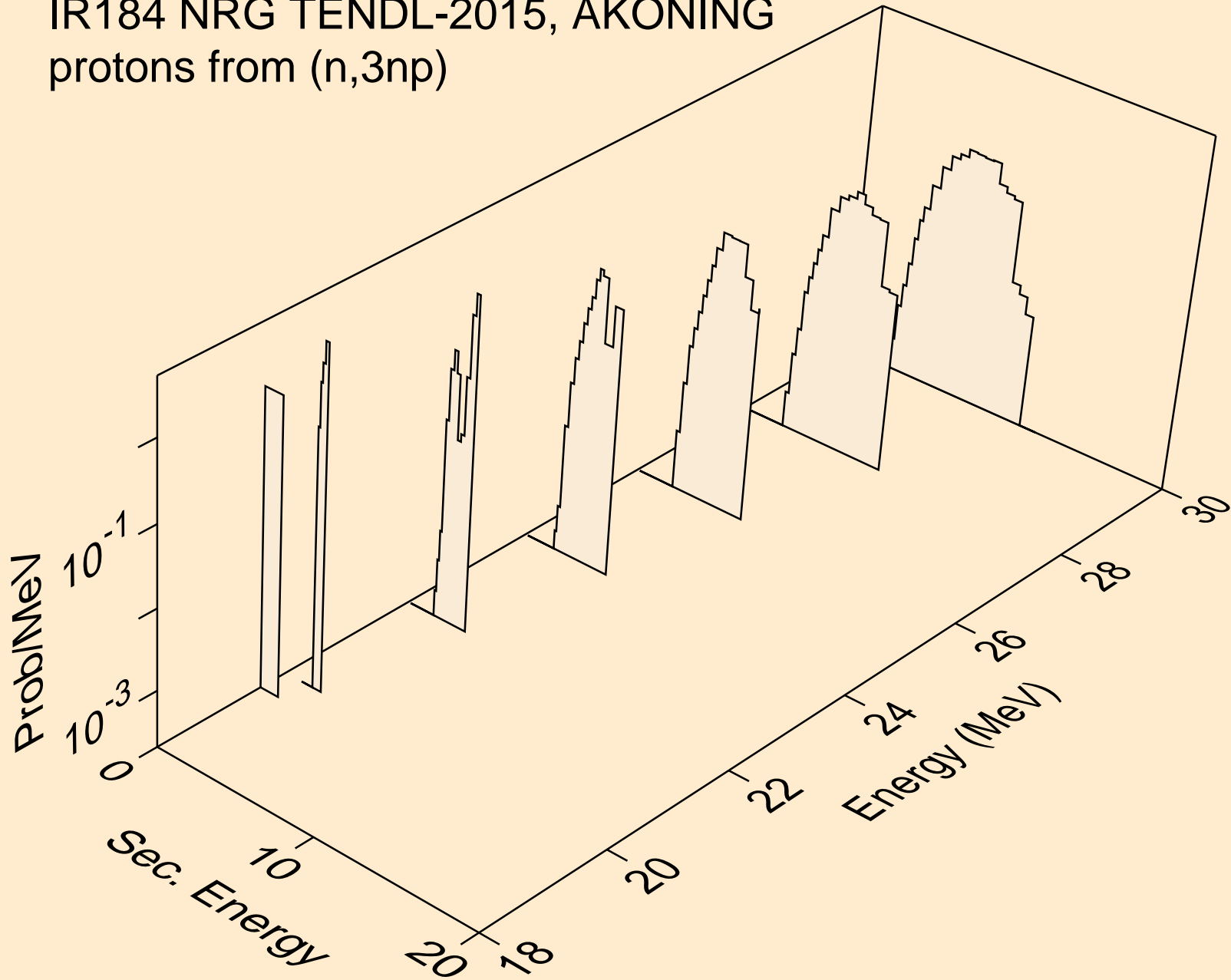
IR184 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



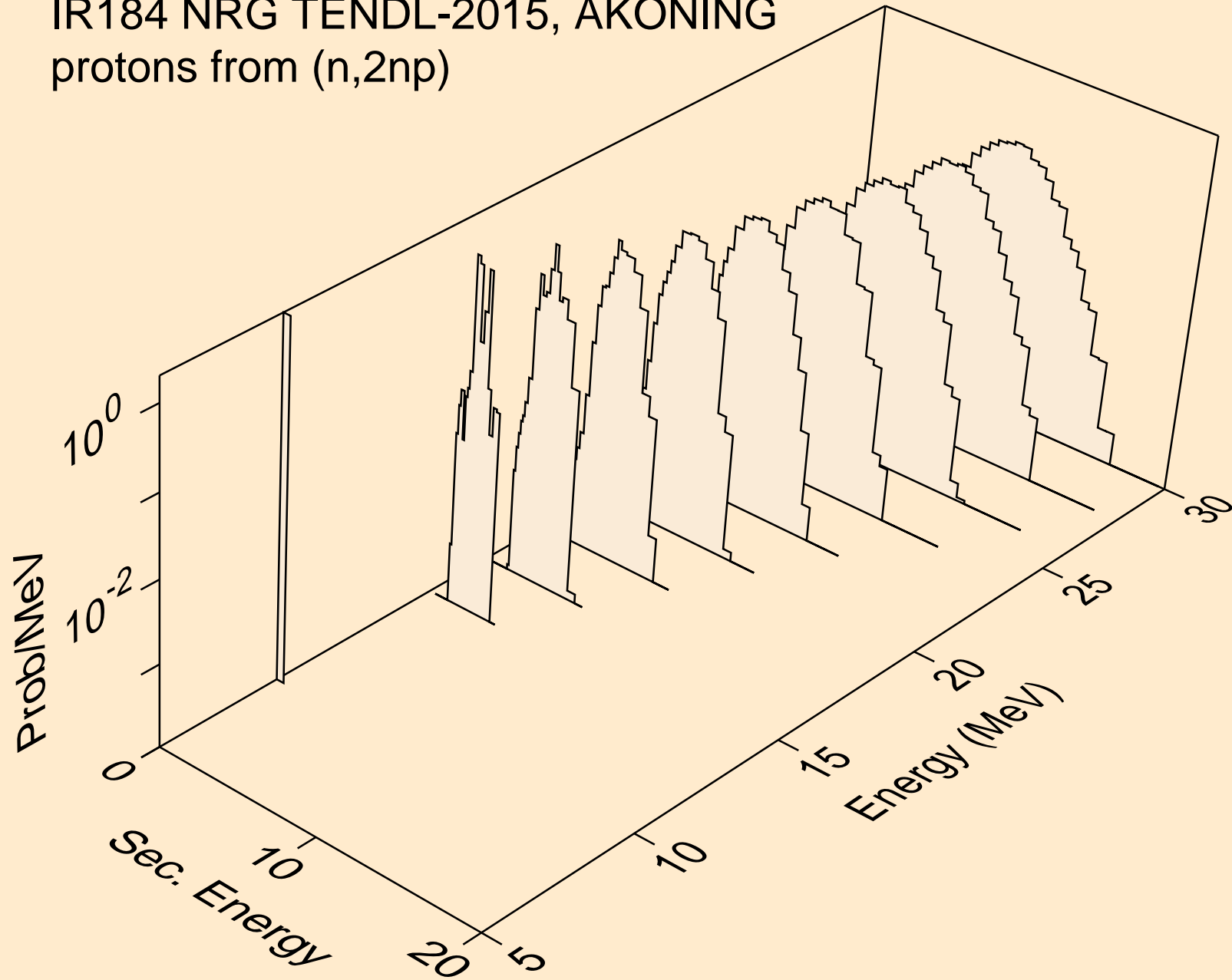
IR184 NRG TENDL-2015, AKONING  
protons from (n,2np)



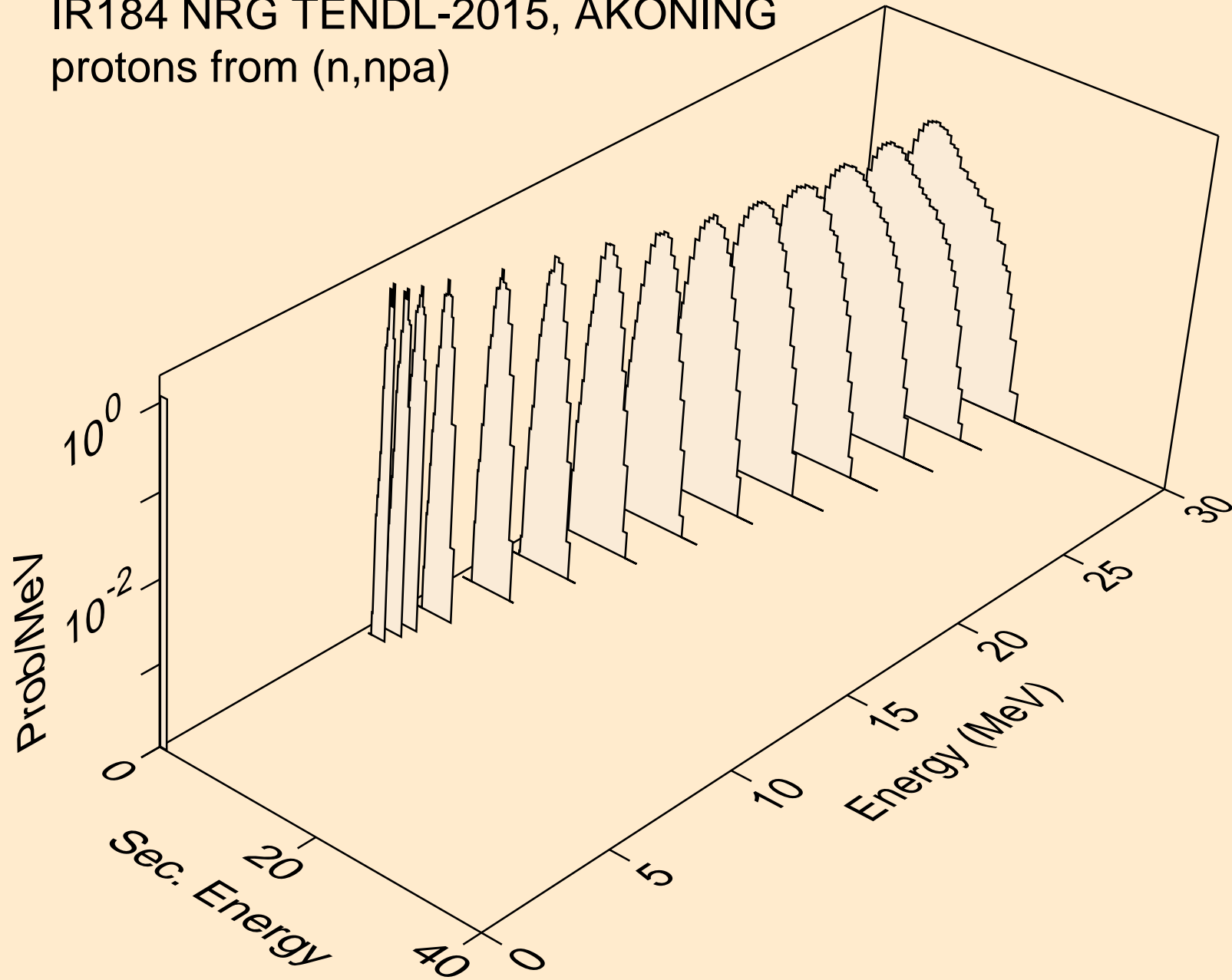
IR184 NRG TENDL-2015, AKONING  
protons from (n,3np)



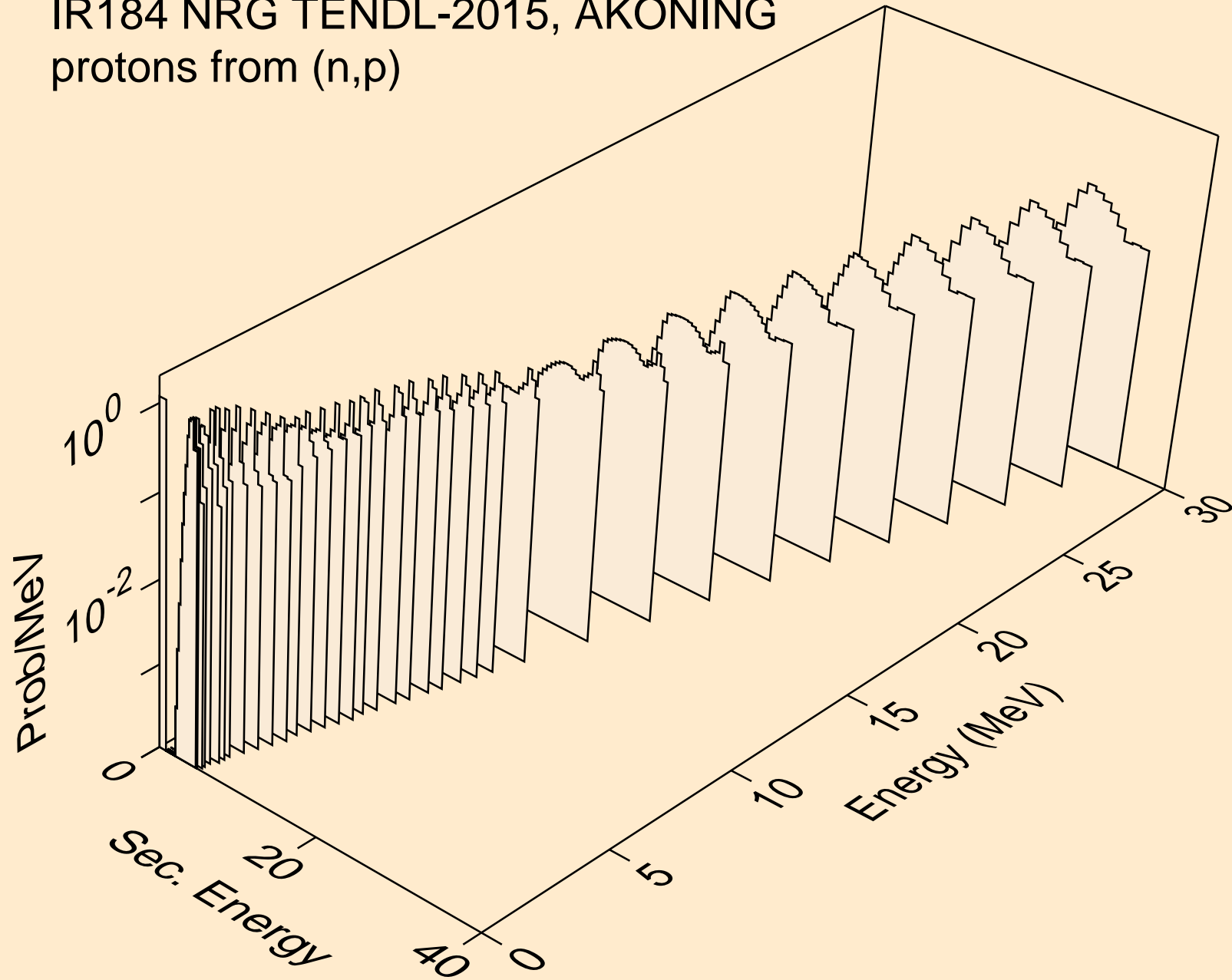
IR184 NRG TENDL-2015, AKONING  
protons from (n,2np)



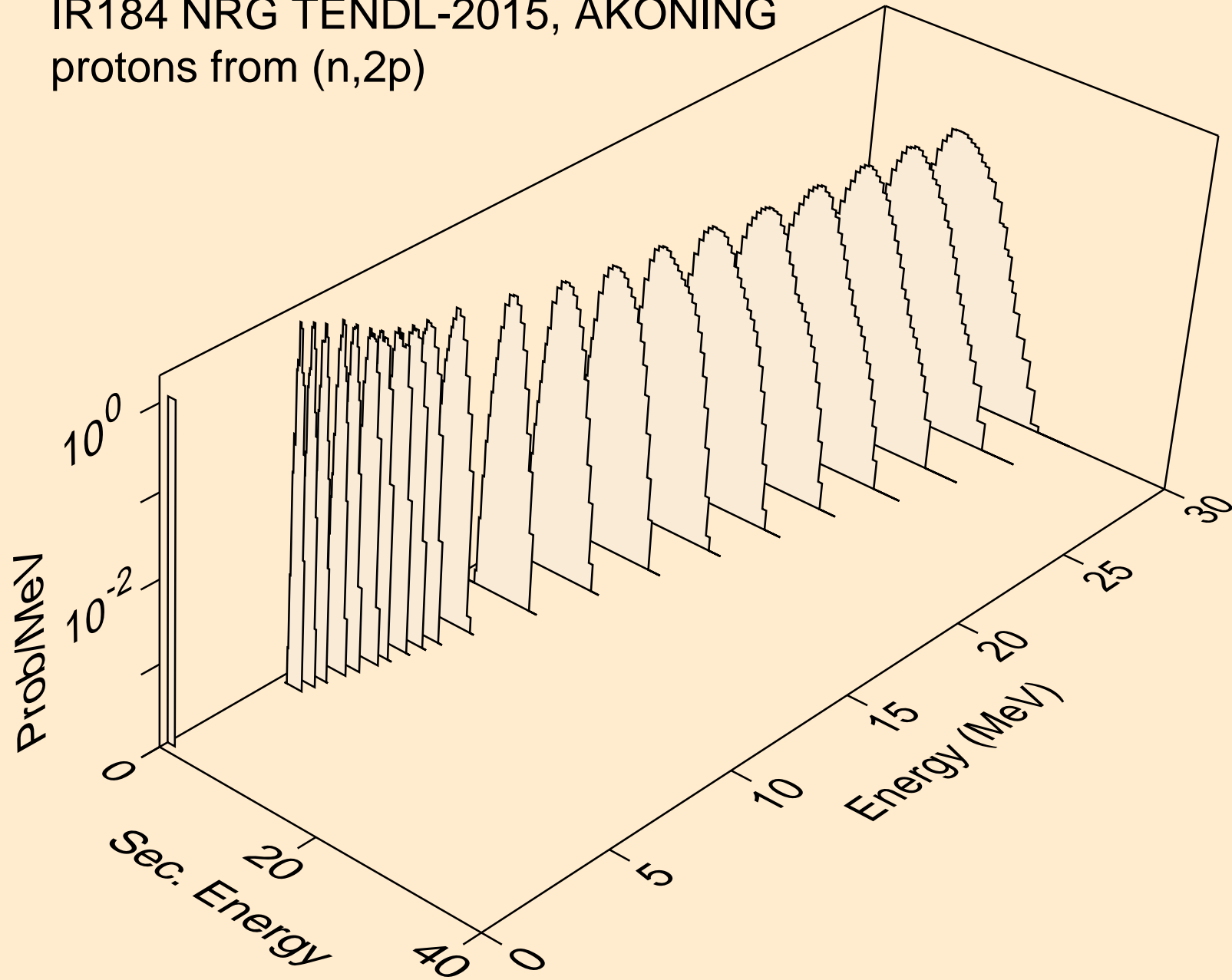
IR184 NRG TENDL-2015, AKONING  
protons from (n,npa)



IR184 NRG TENDL-2015, AKONING  
protons from (n,p)

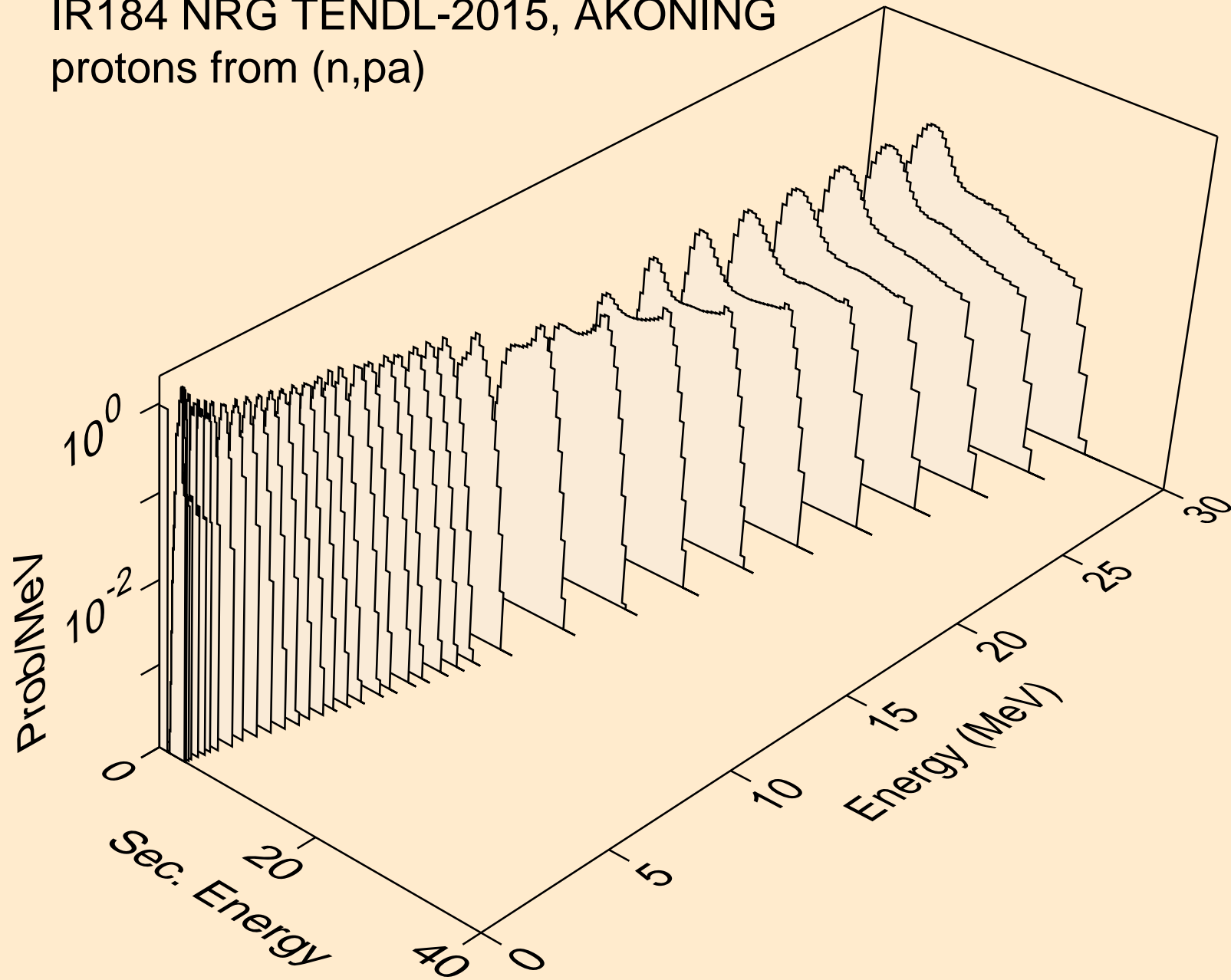


IR184 NRG TENDL-2015, AKONING  
protons from (n,2p)

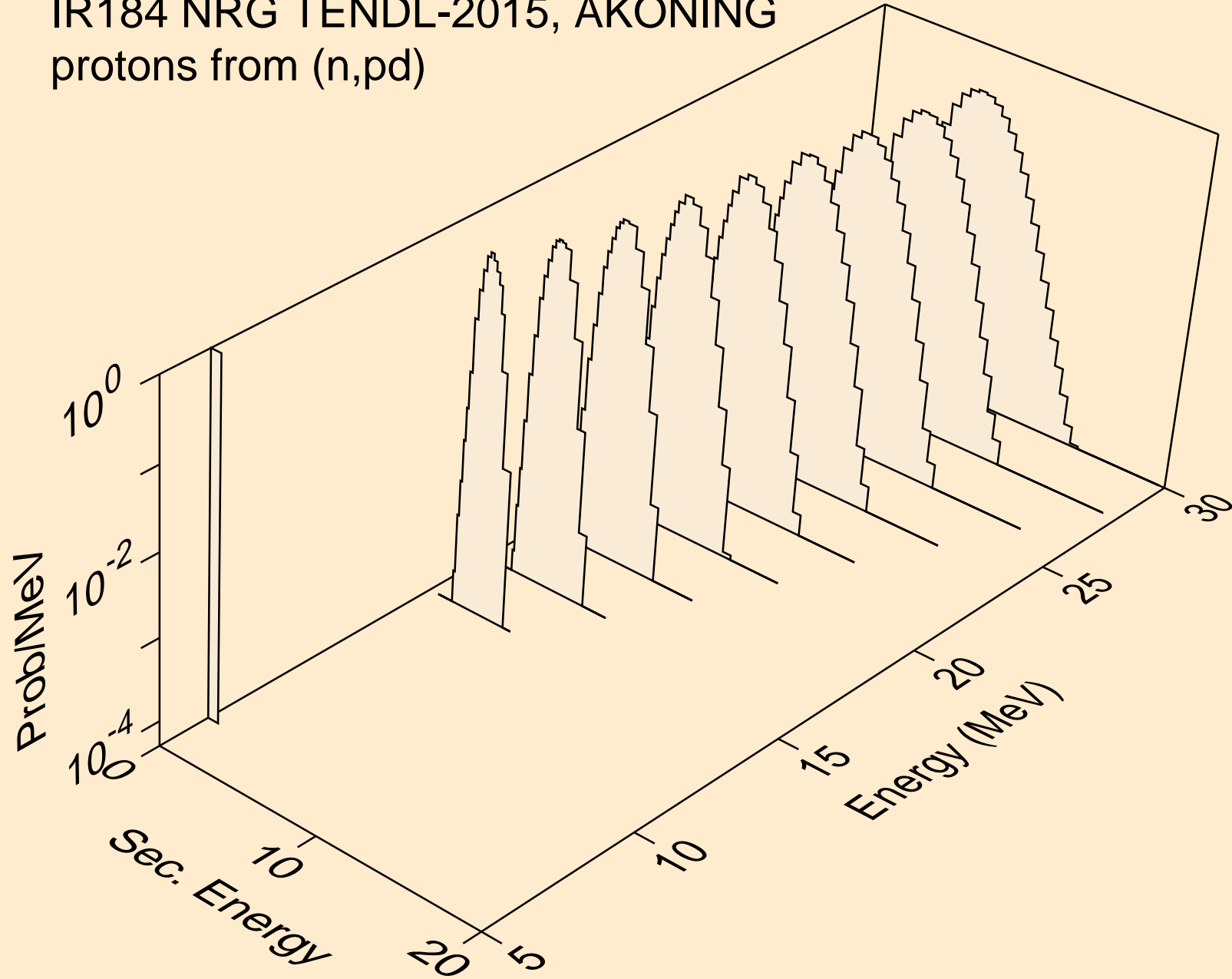




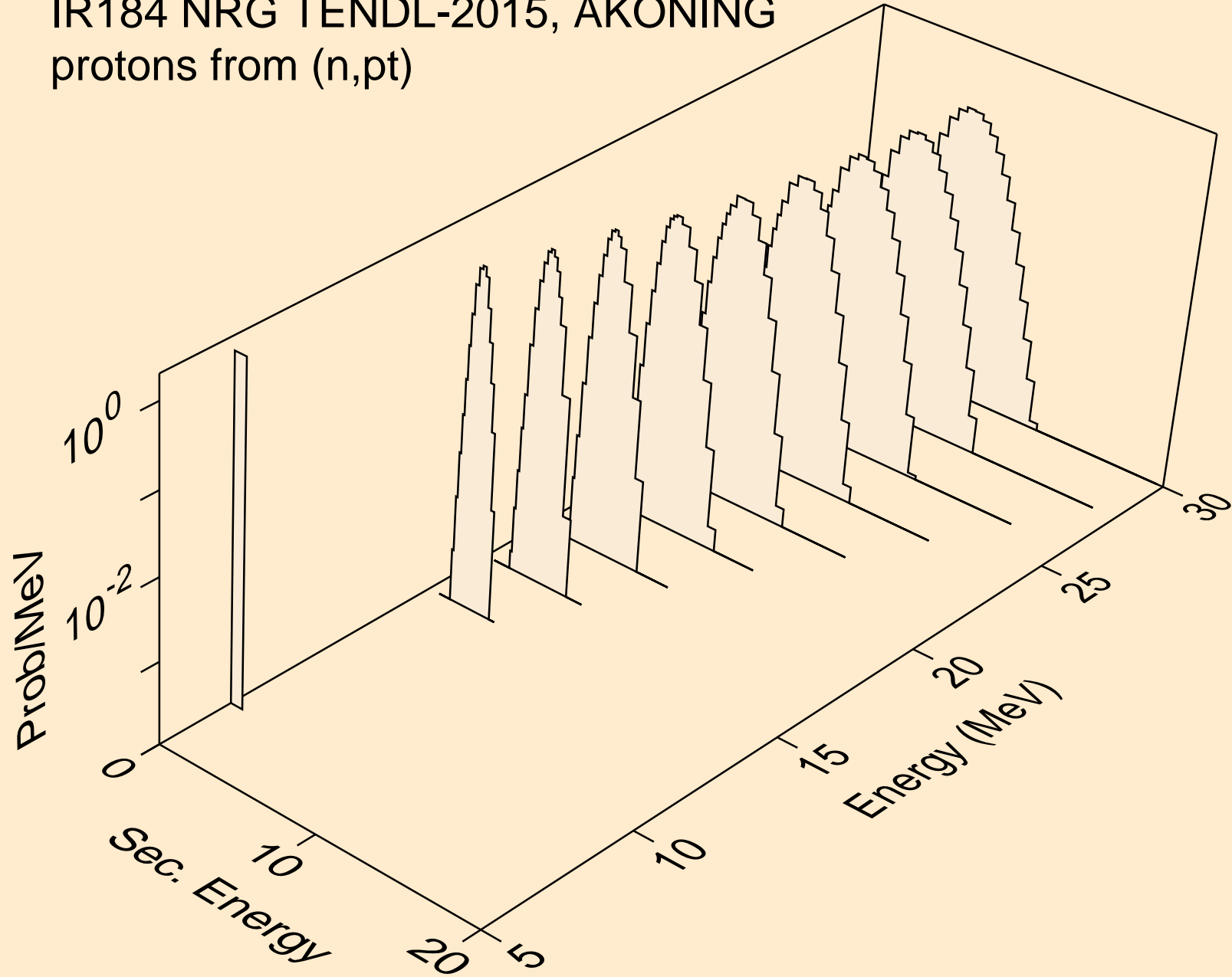
IR184 NRG TENDL-2015, AKONING  
protons from (n,pa)



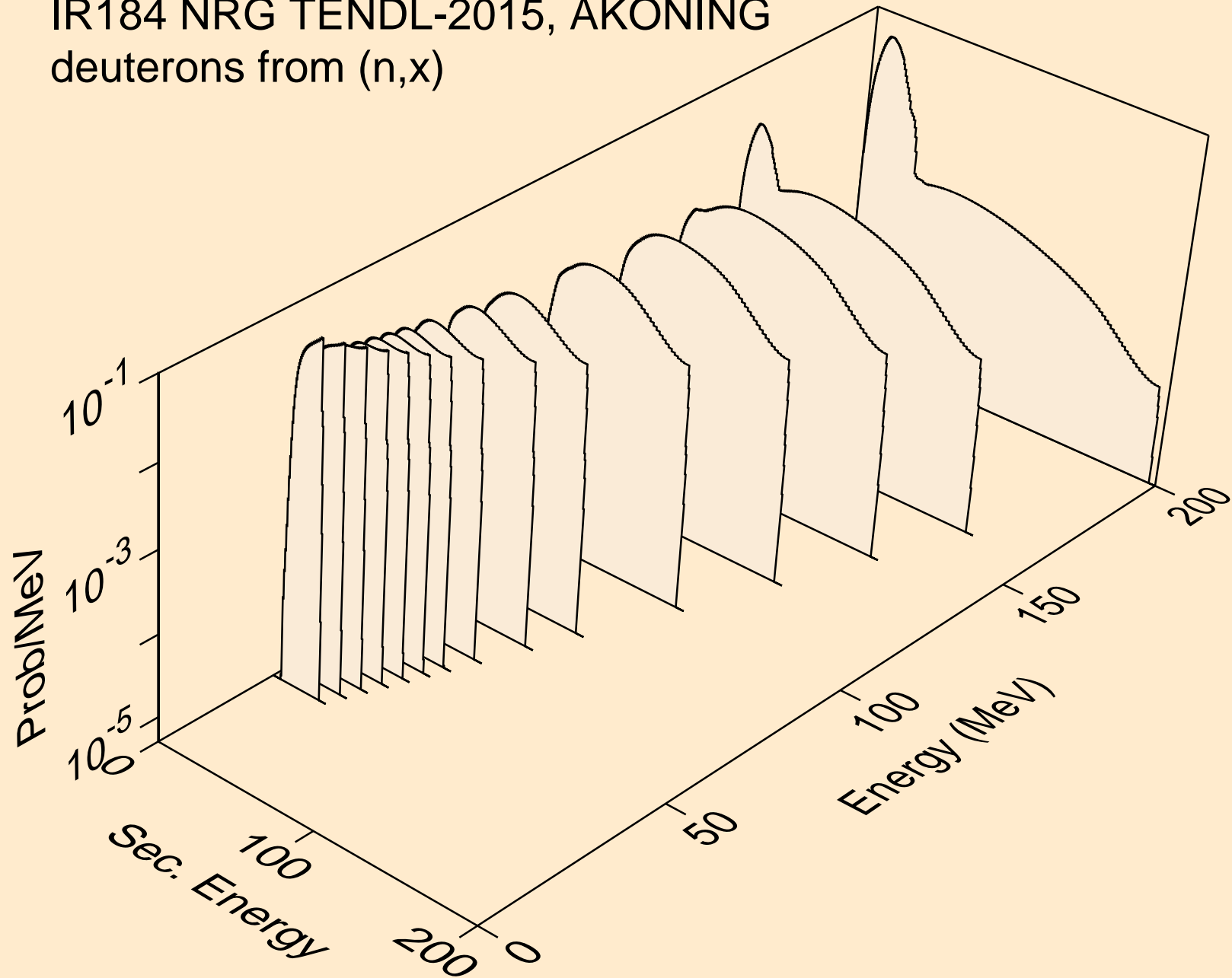
IR184 NRG TENDL-2015, AKONING  
protons from (n,pd)



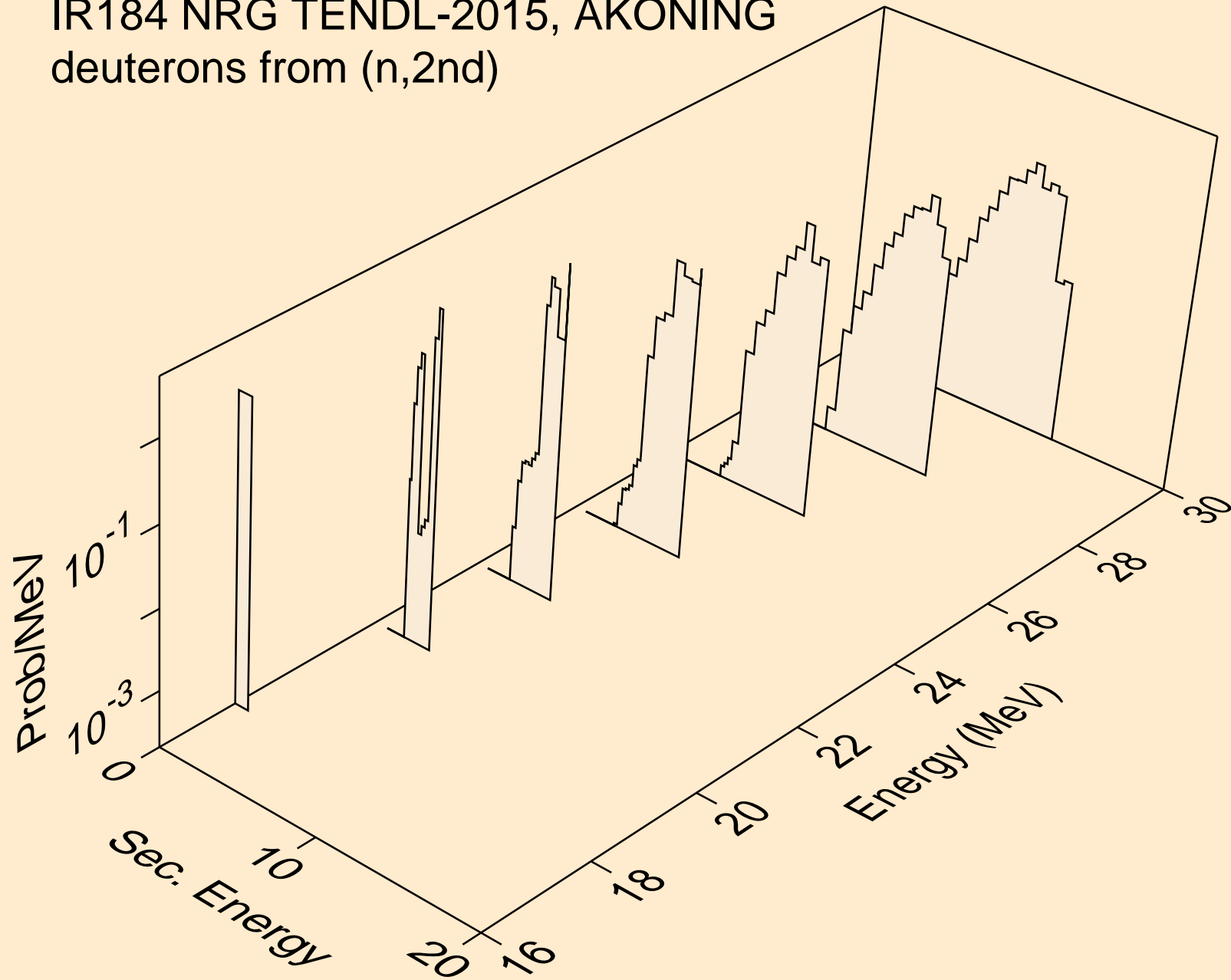
IR184 NRG TENDL-2015, AKONING  
protons from (n,pt)



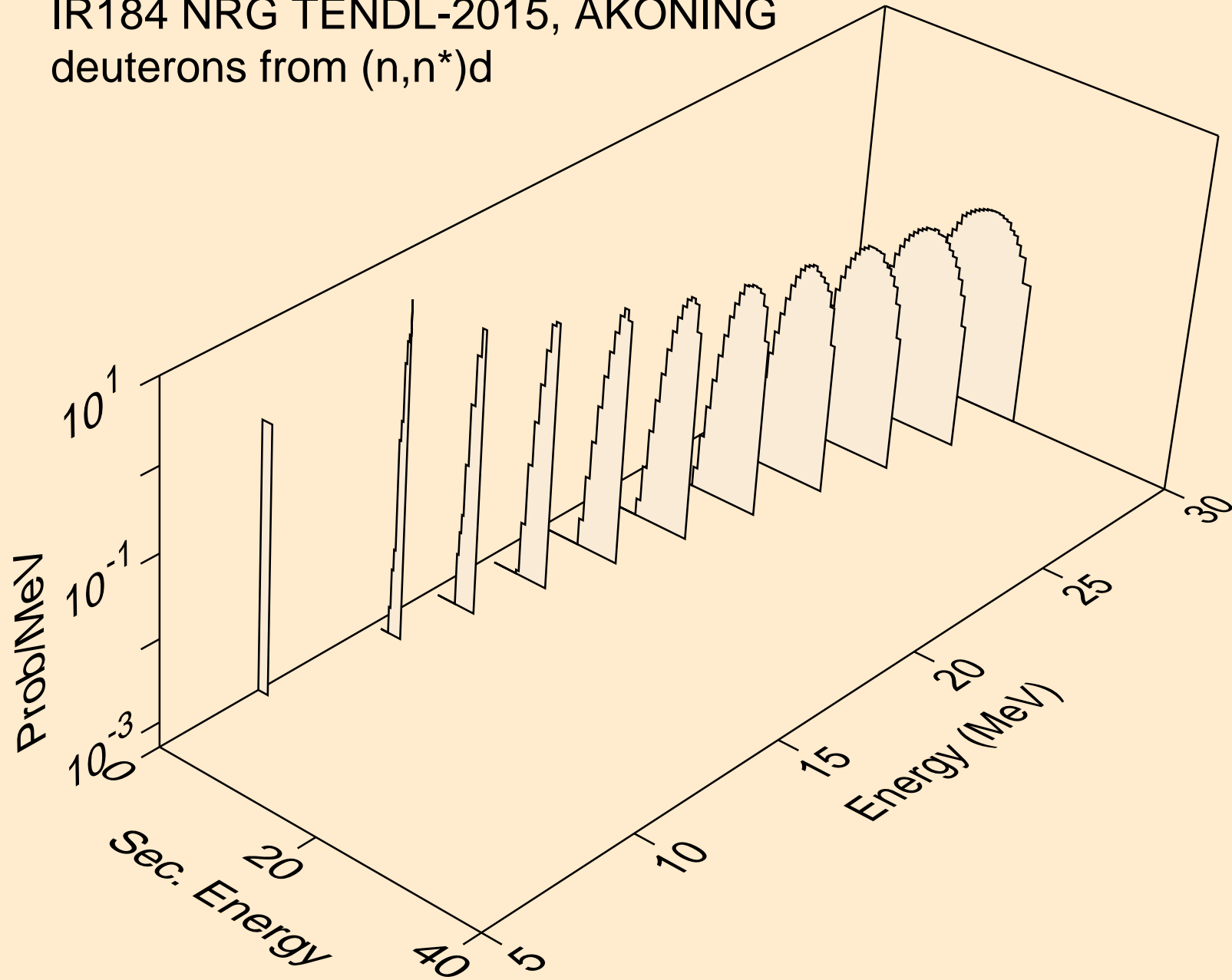
IR184 NRG TENDL-2015, AKONING  
deuterons from (n,x)



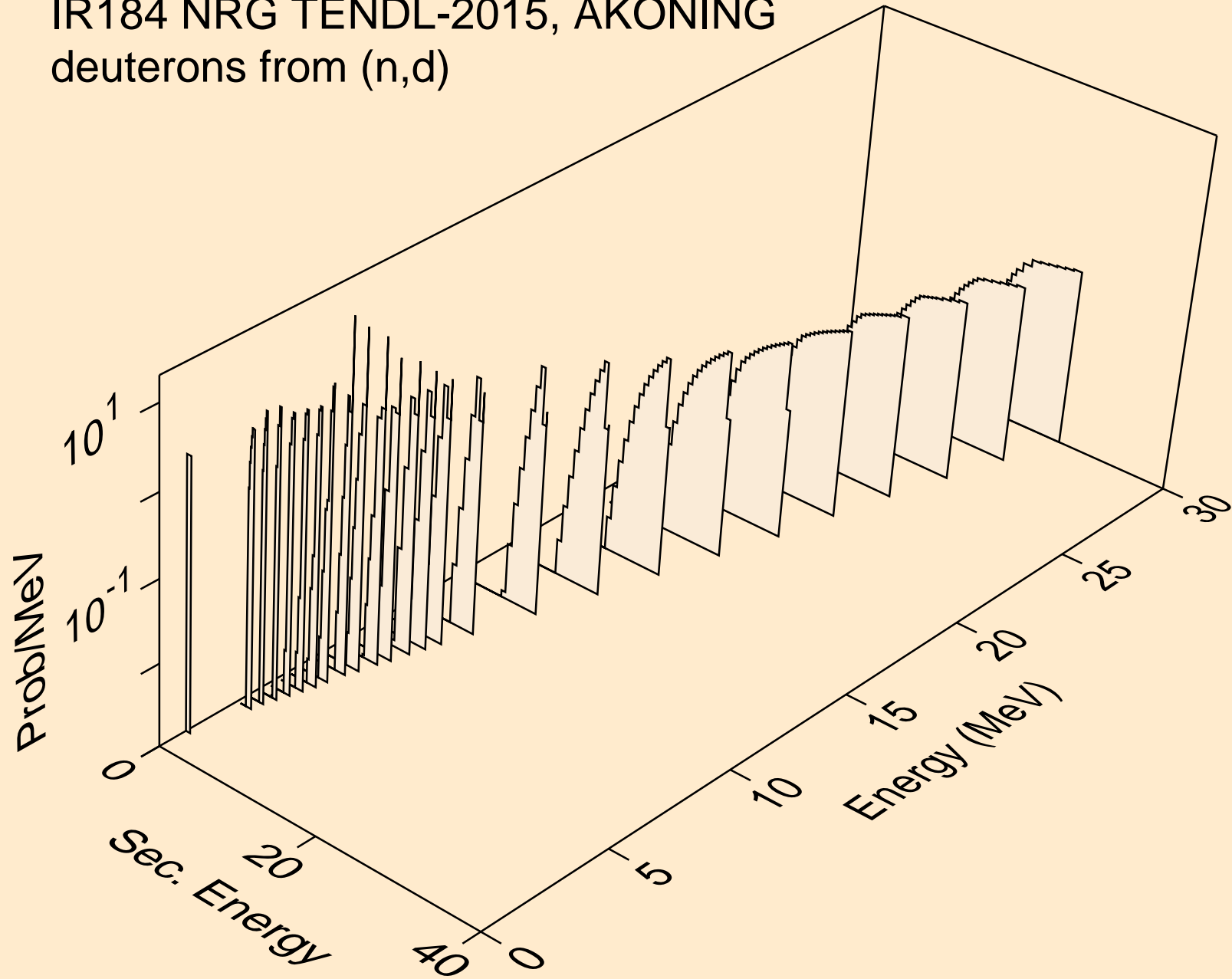
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deuterons from (n,2nd)



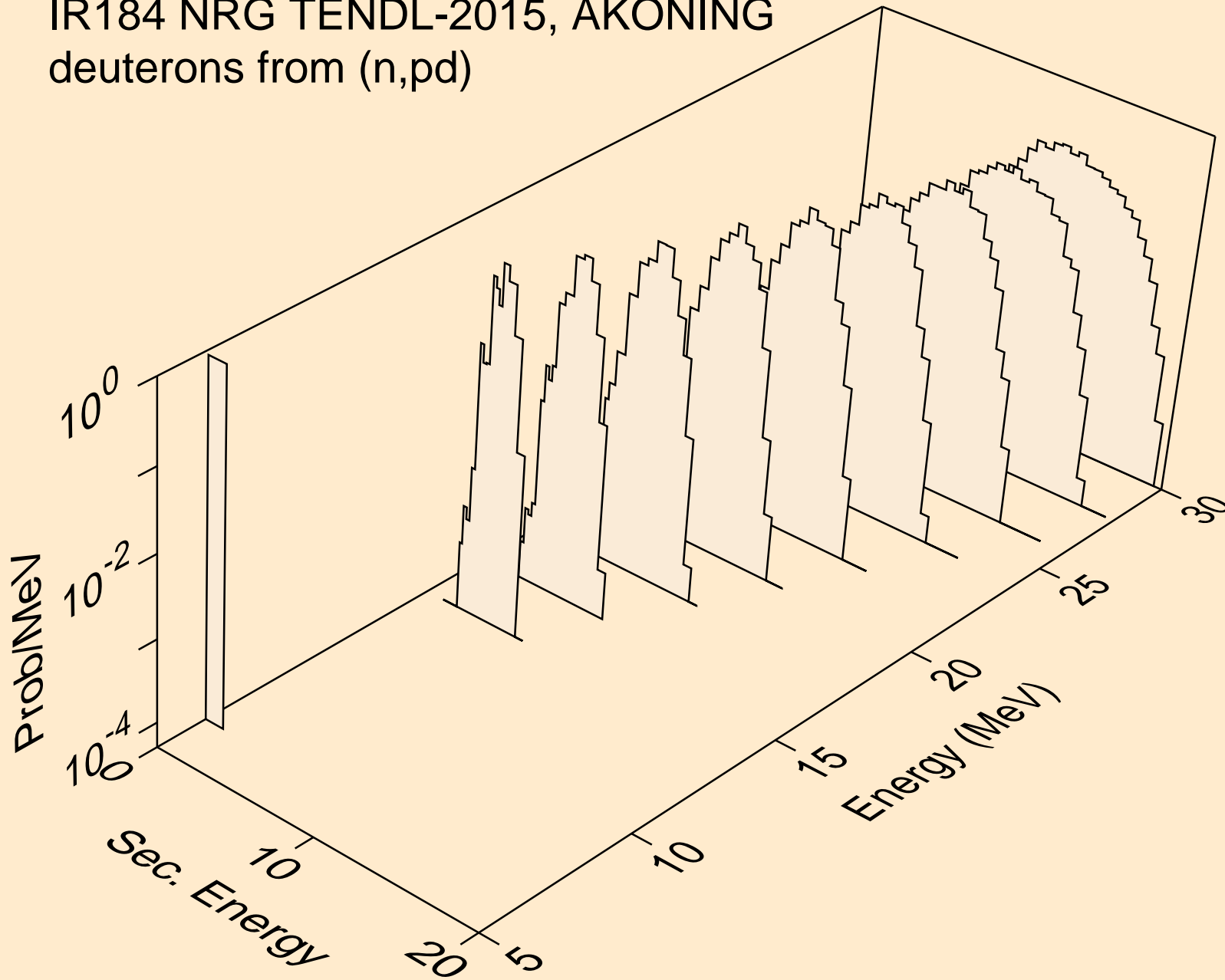
IR184 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



IR184 NRG TENDL-2015, AKONING  
deuterons from (n,d)

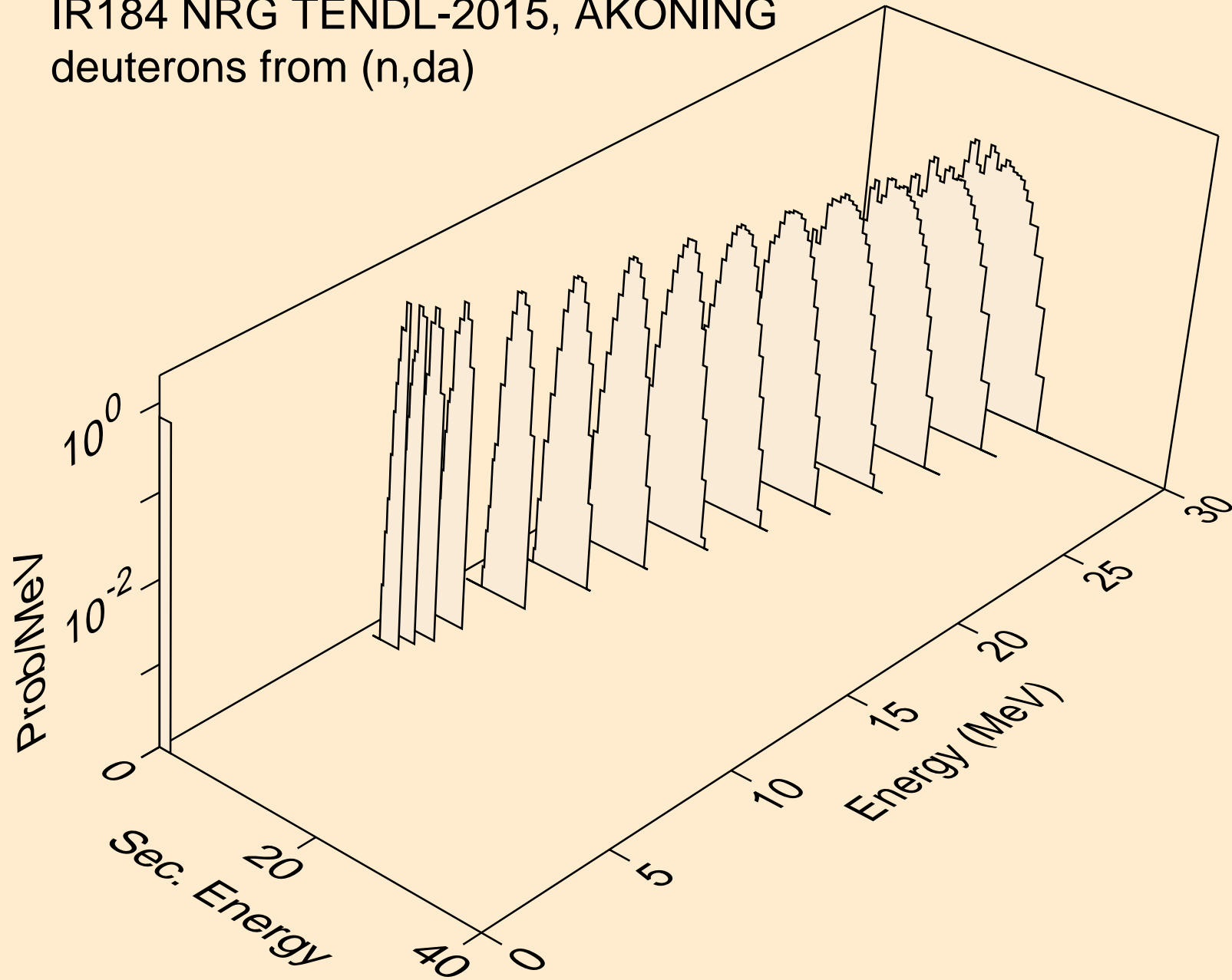


IR184 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

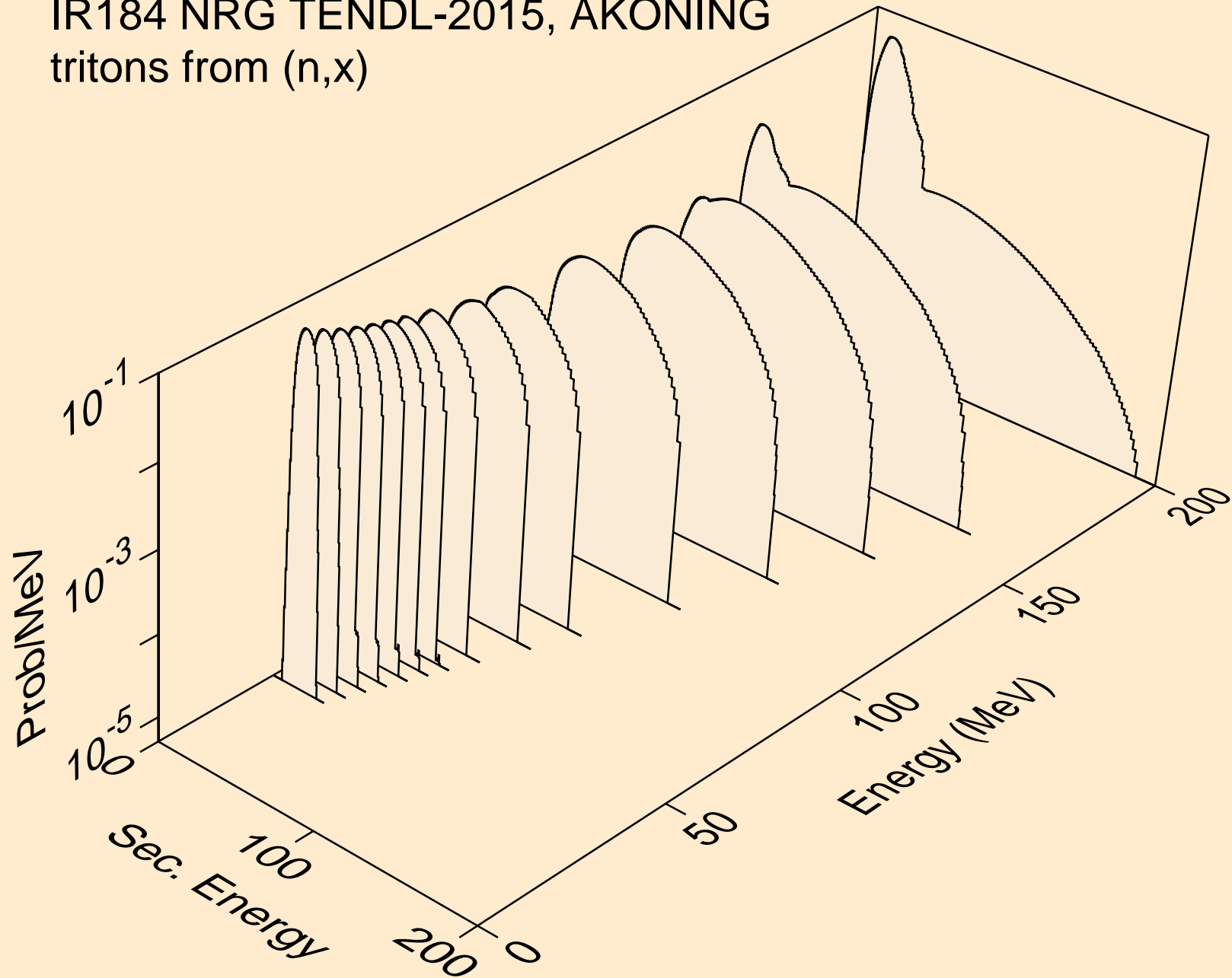




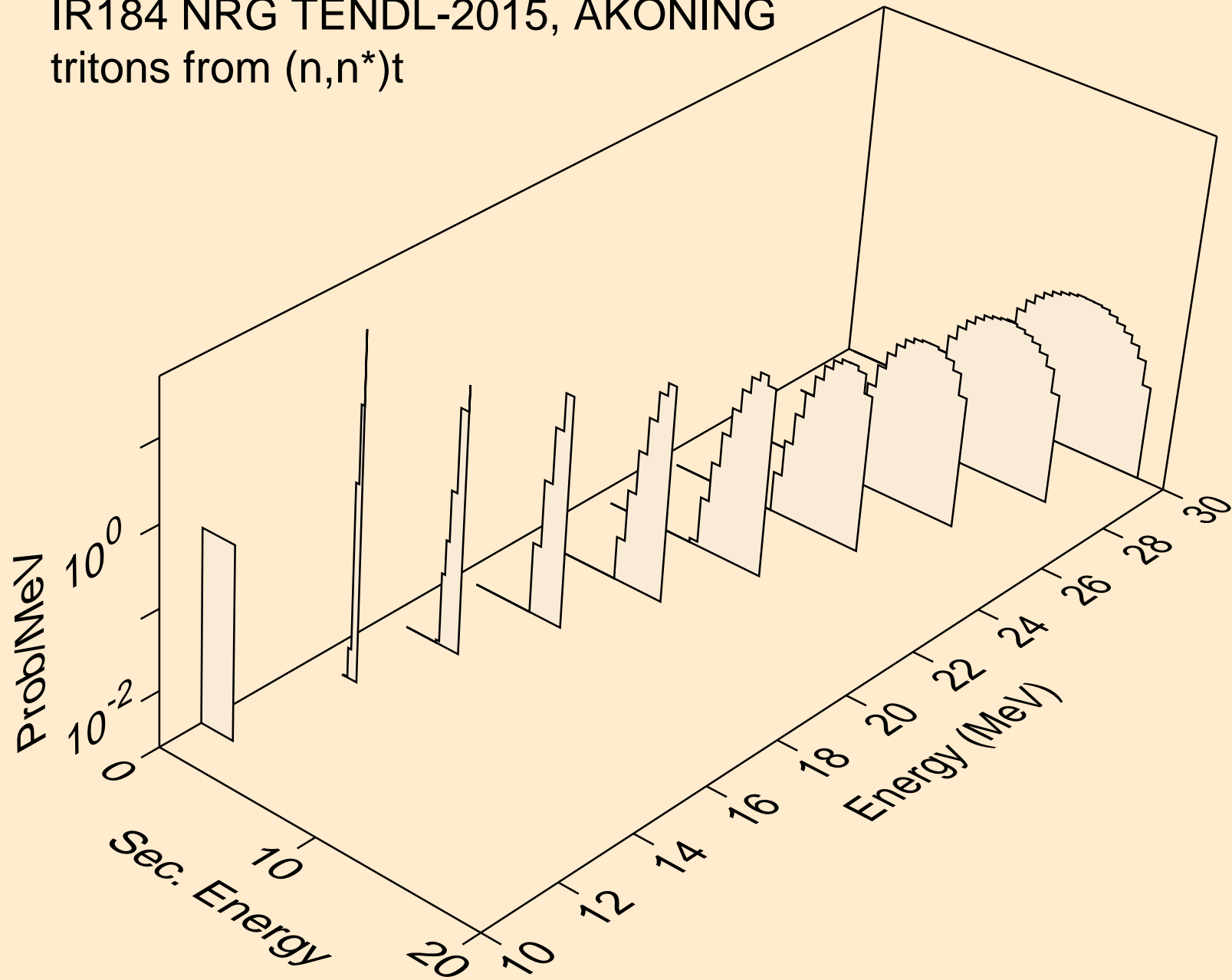
IR184 NRG TENDL-2015, AKONING  
deuterons from (n,da)



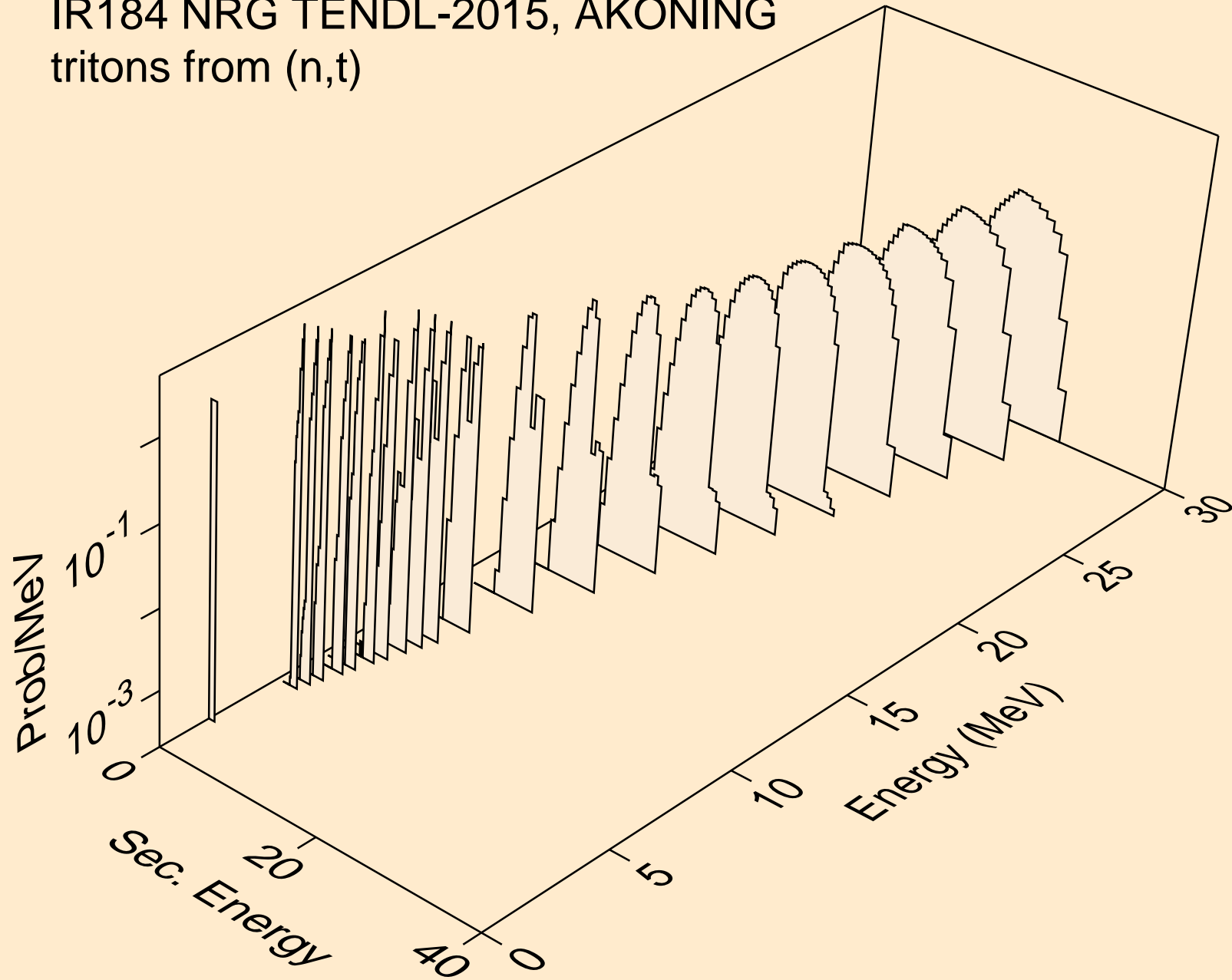
IR184 NRG TENDL-2015, AKONING  
tritons from (n,x)



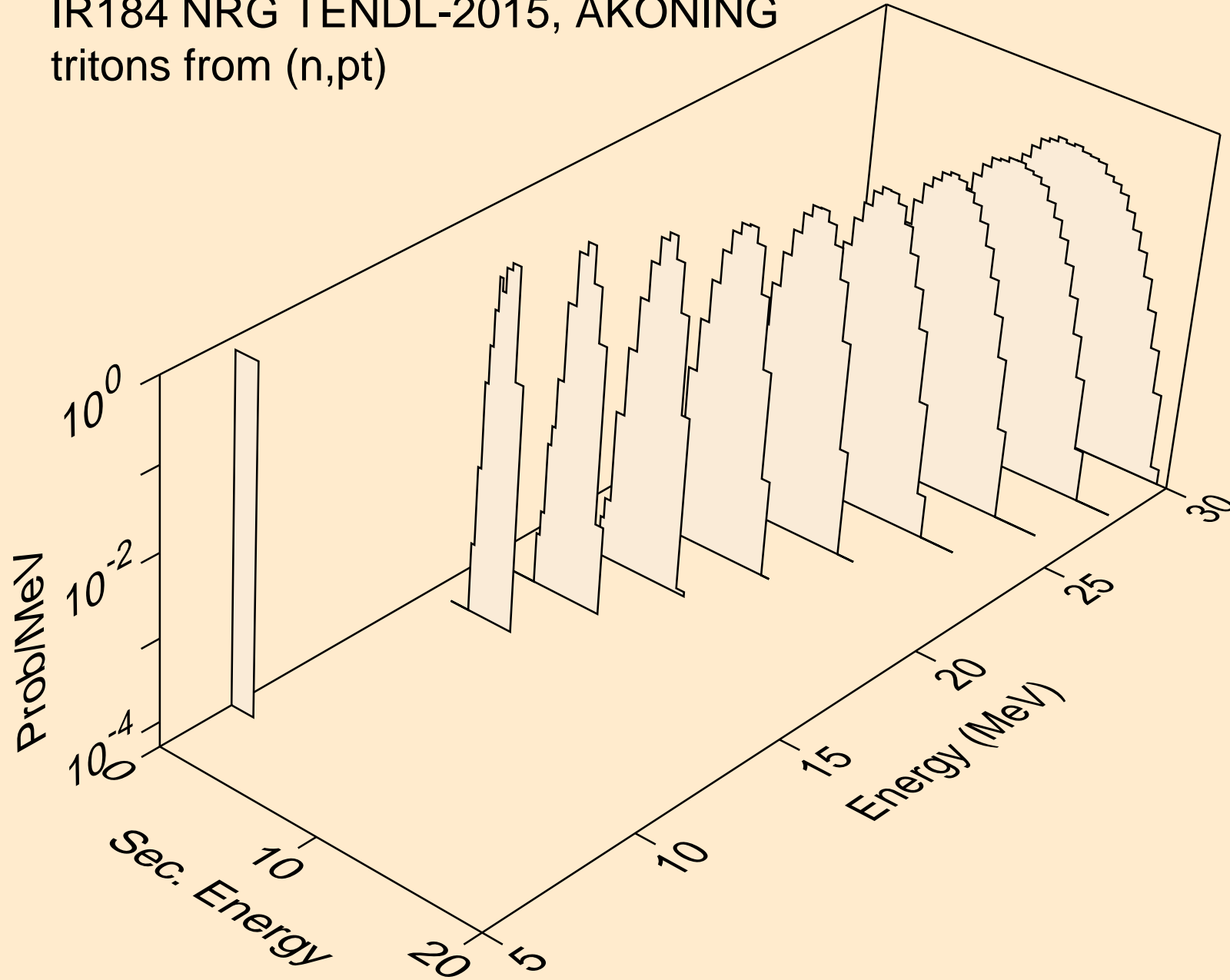
IR184 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



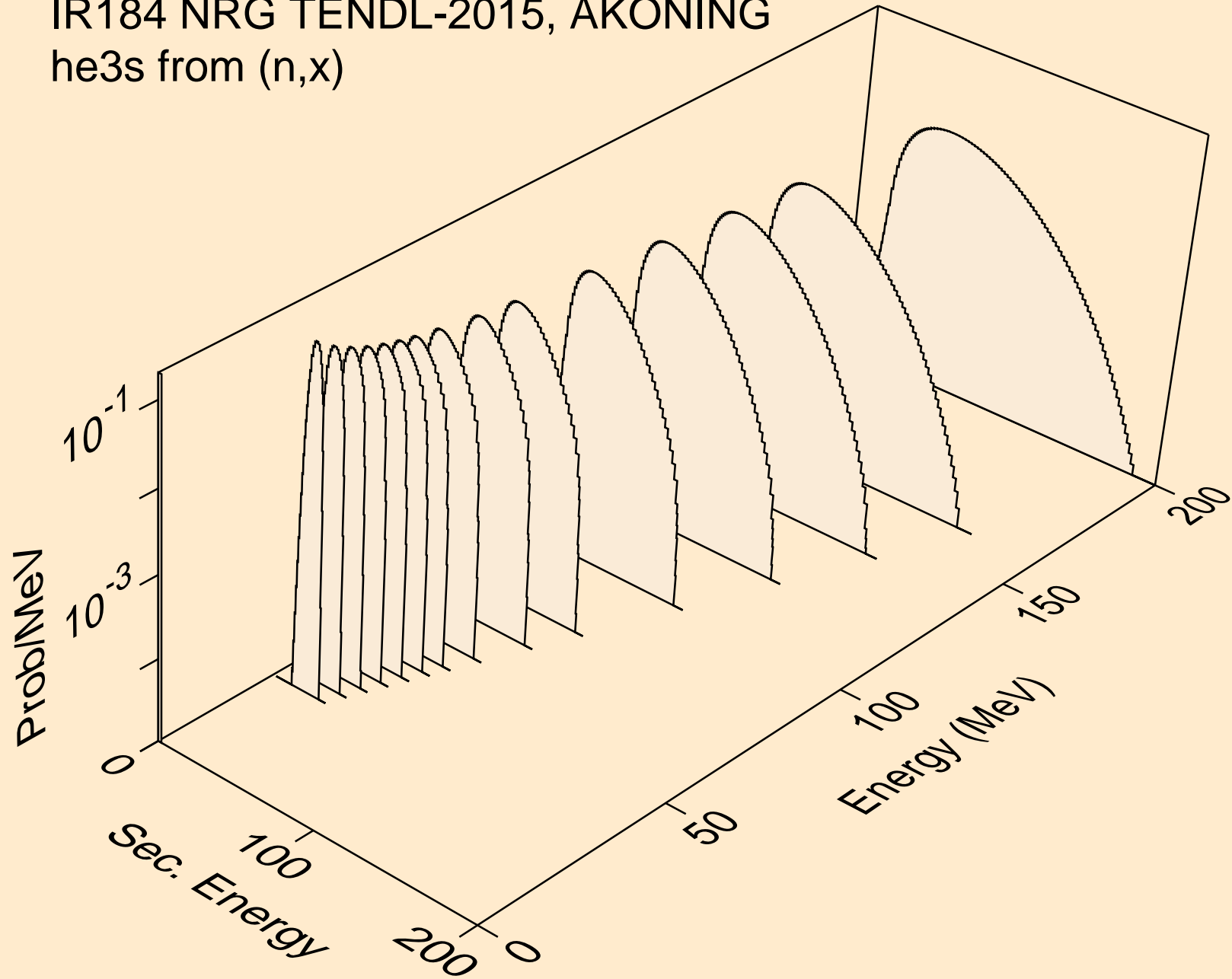
IR184 NRG TENDL-2015, AKONING  
tritons from (n,t)



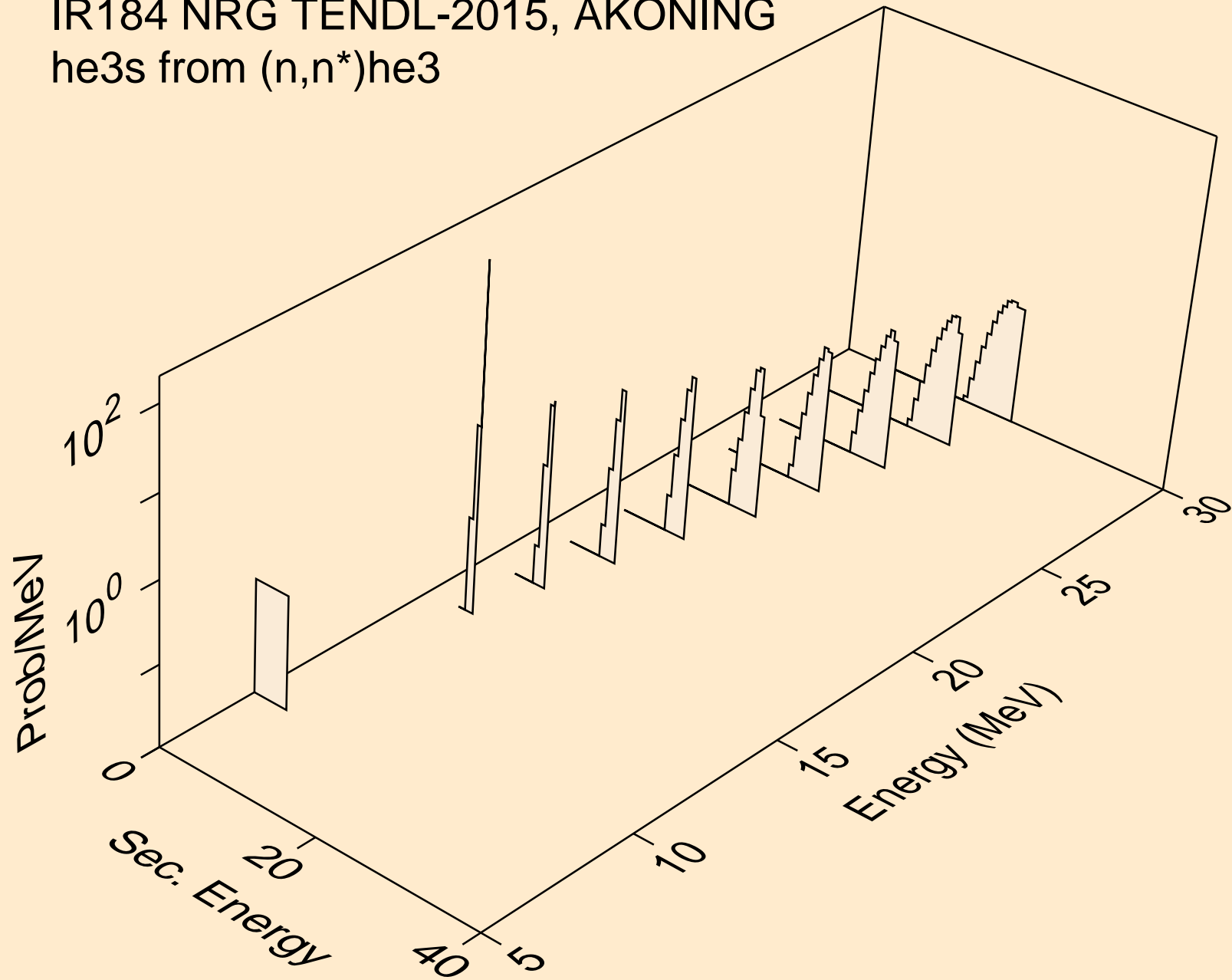
IR184 NRG TENDL-2015, AKONING  
tritons from (n,pt)



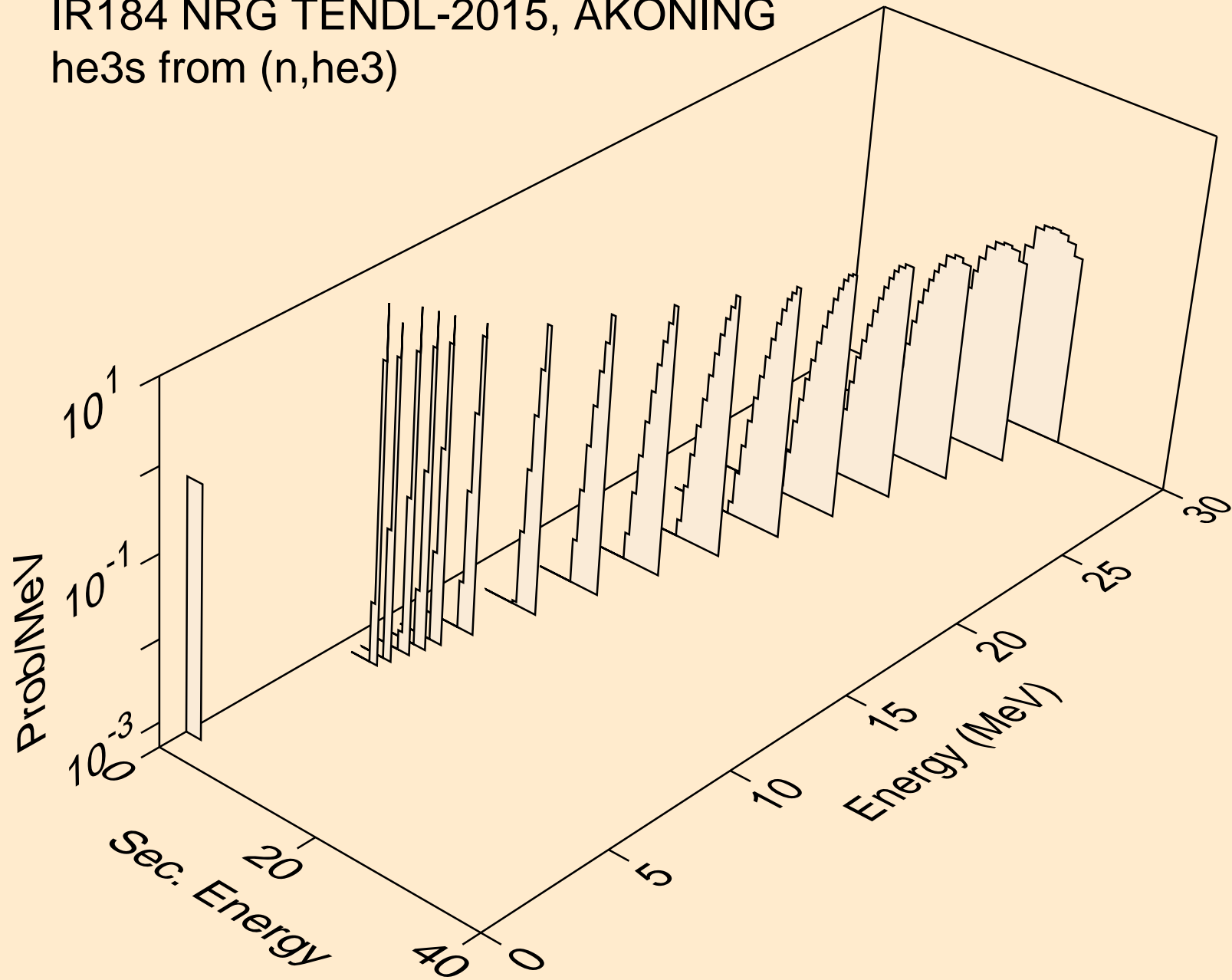
IR184 NRG TENDL-2015, AKONING  
he3s from (n,x)



IR184 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

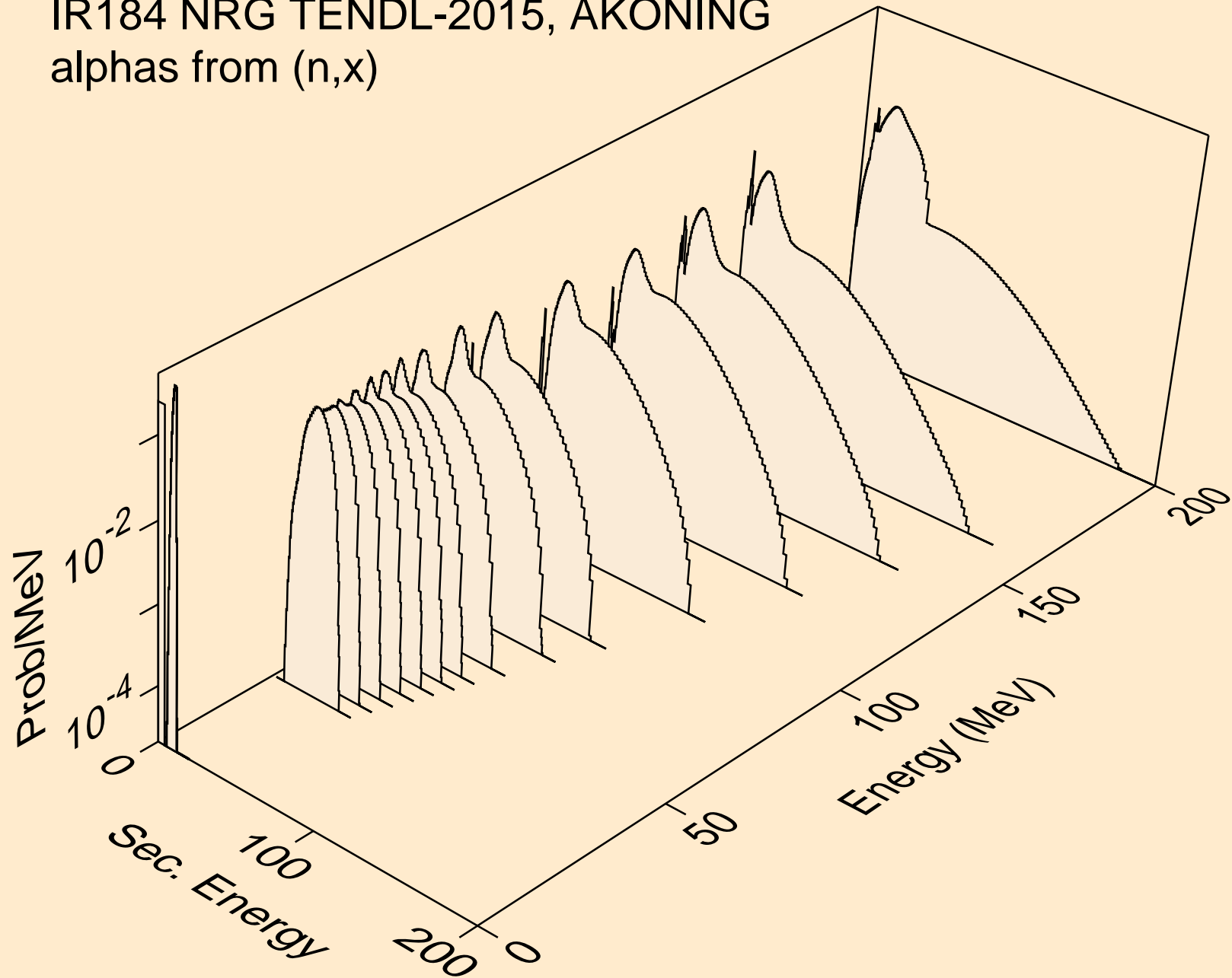


IR184 NRG TENDL-2015, AKONING  
he3s from (n,he3)

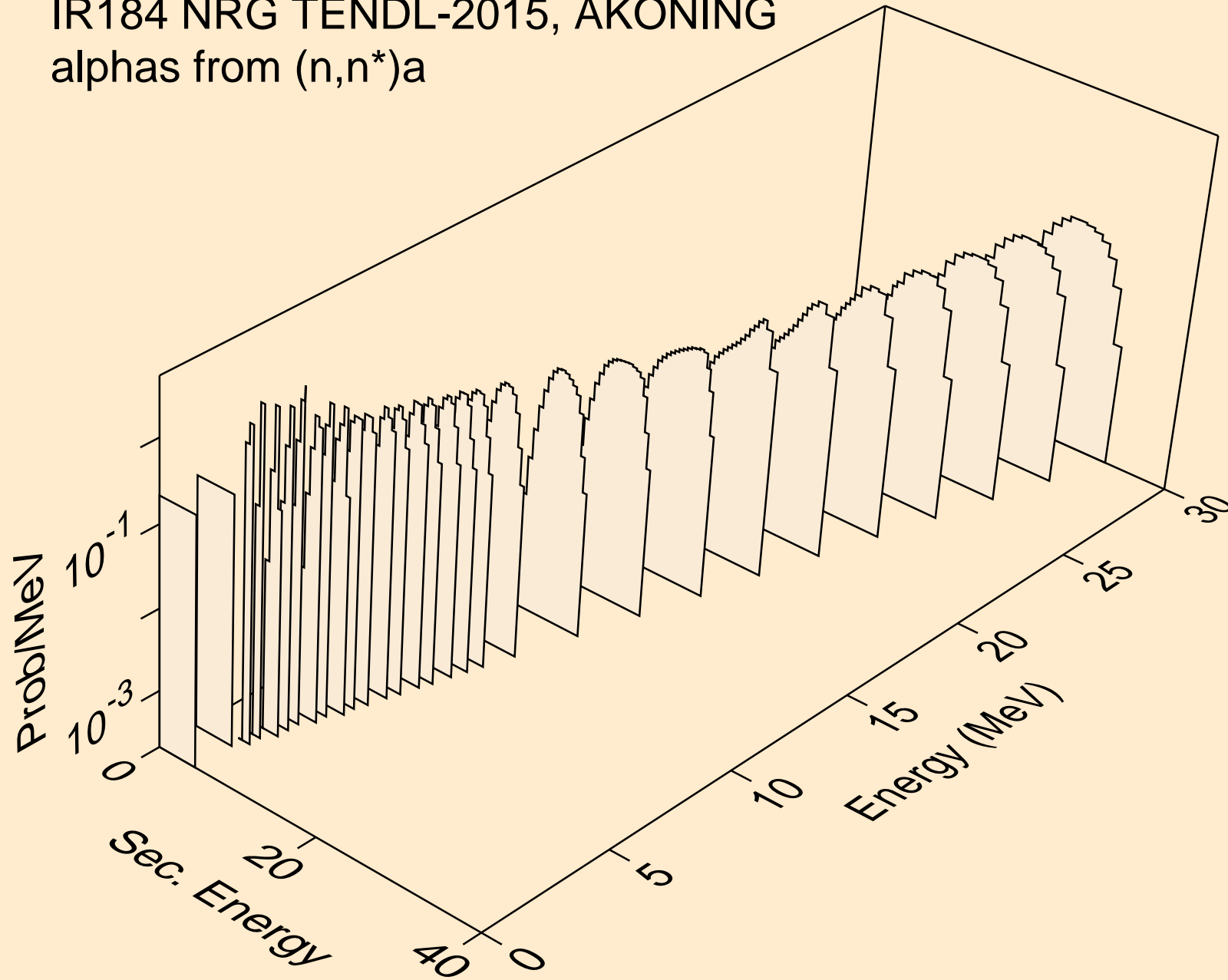




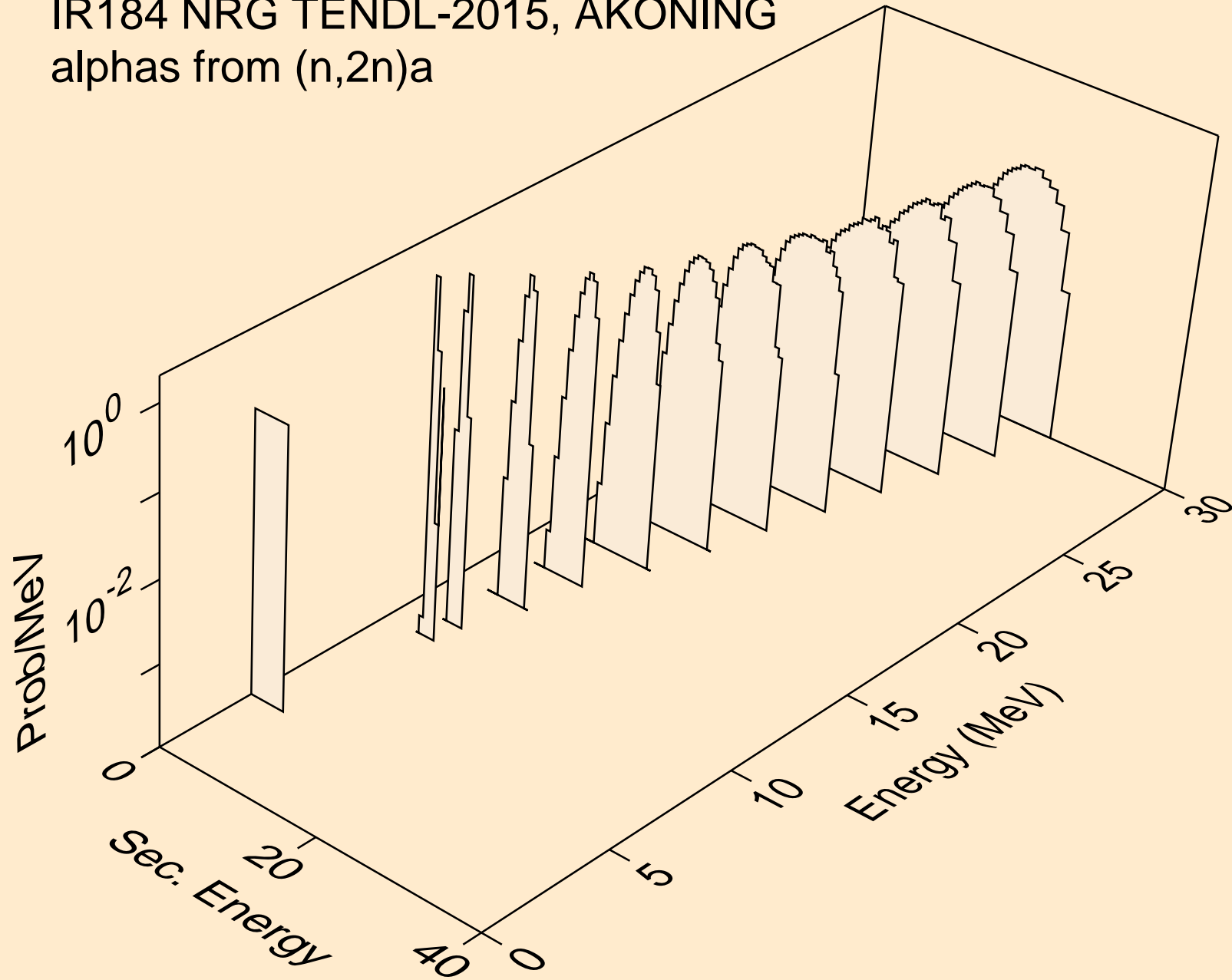
IR184 NRG TENDL-2015, AKONING  
alphas from (n,x)



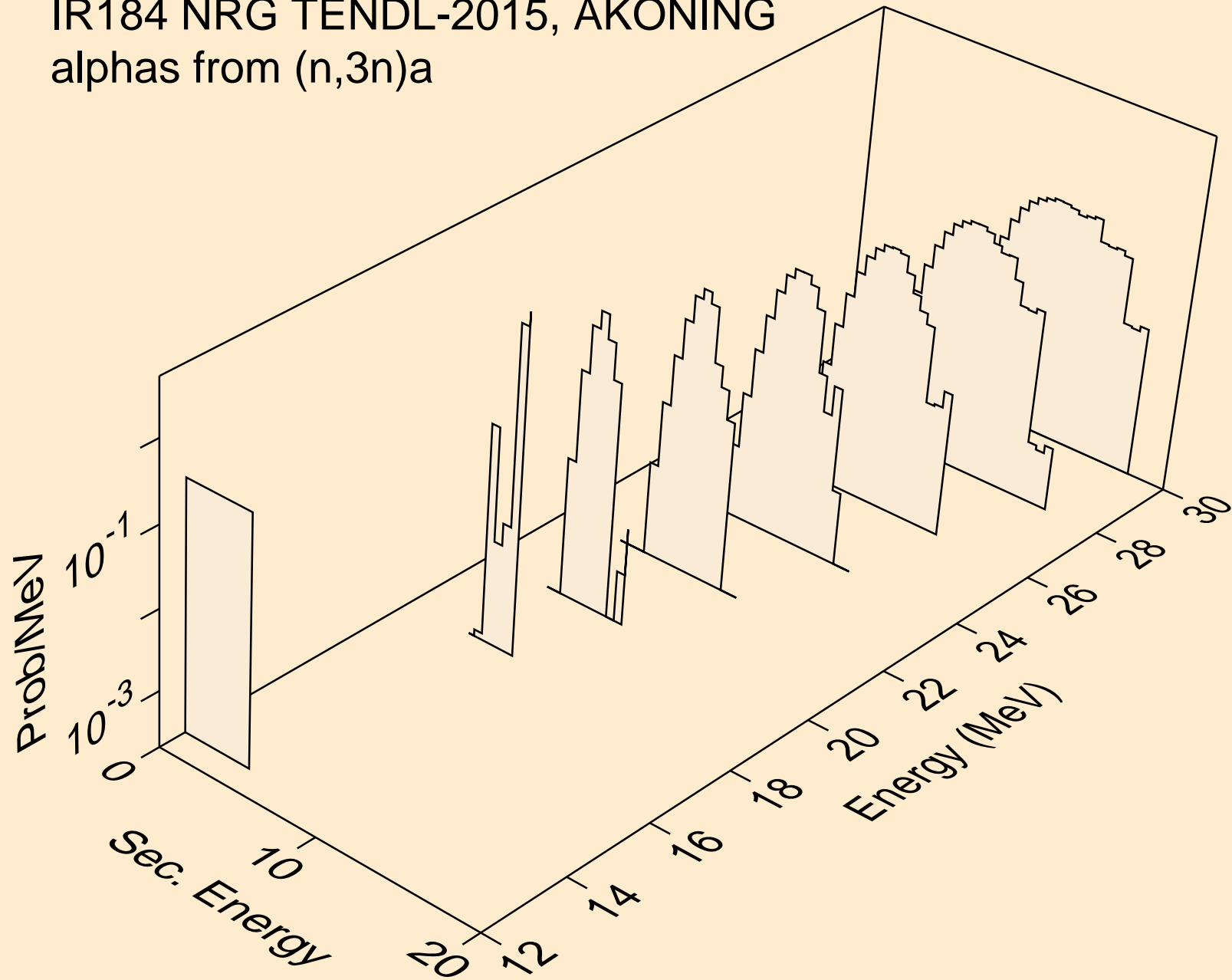
IR184 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



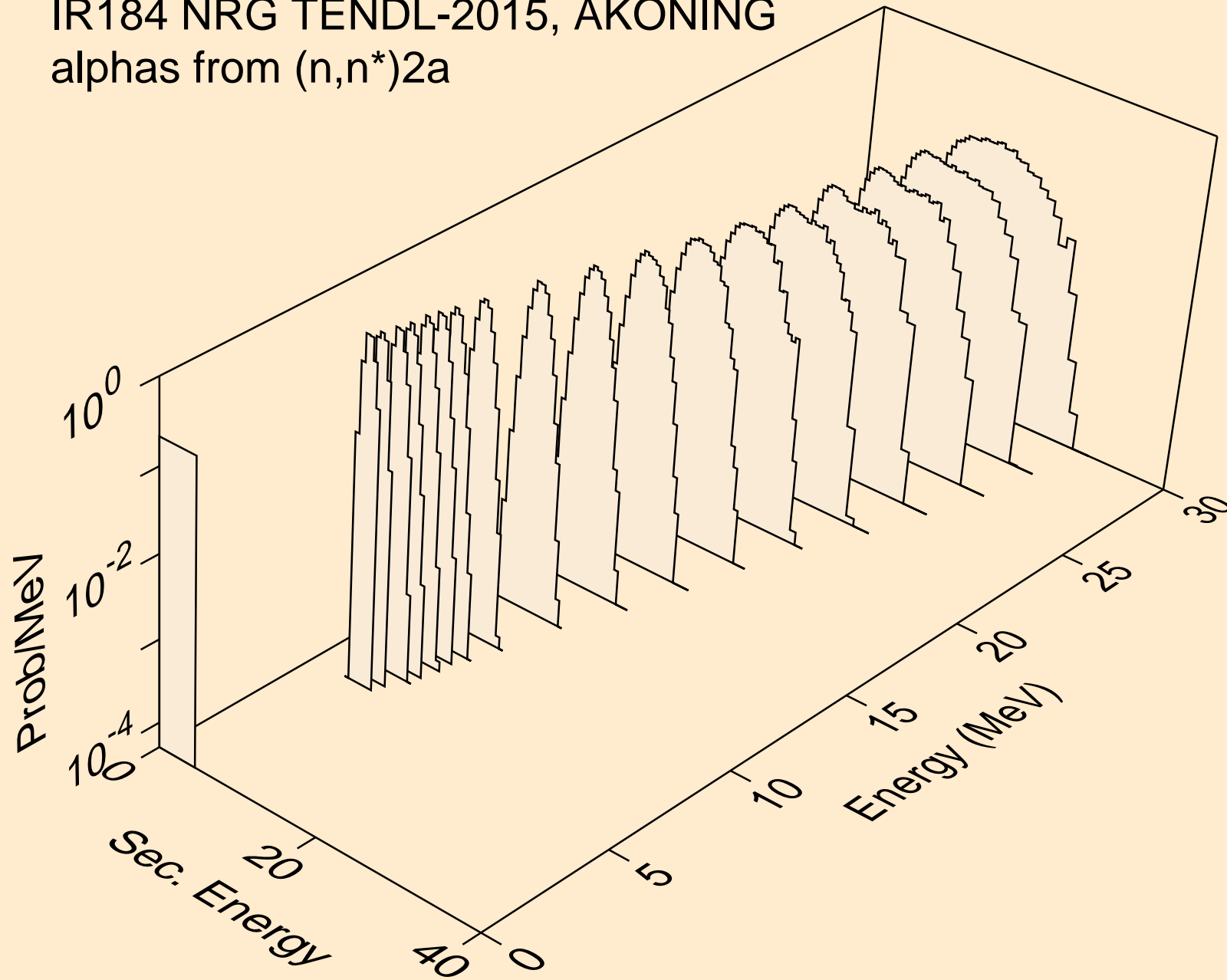
IR184 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



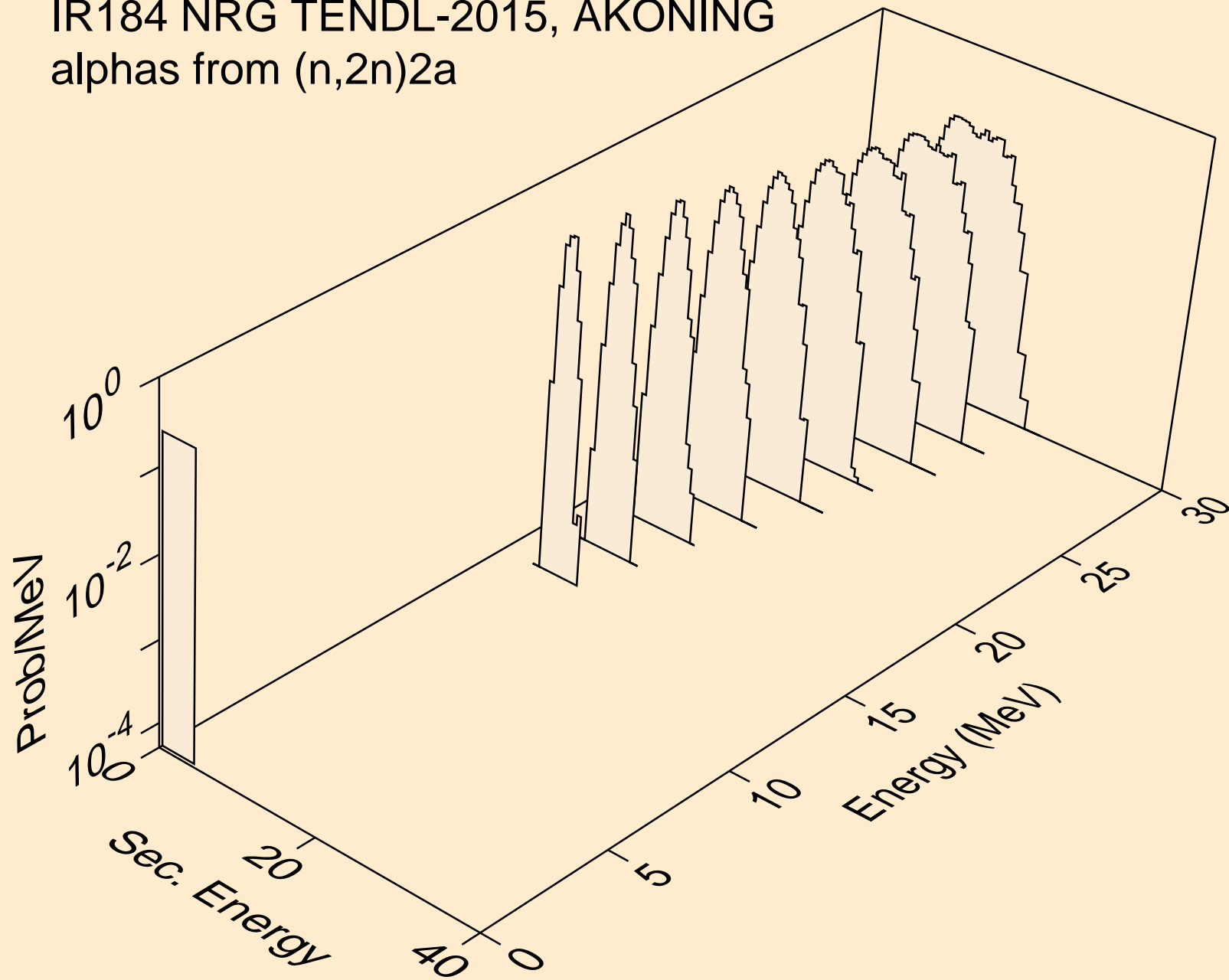
IR184 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



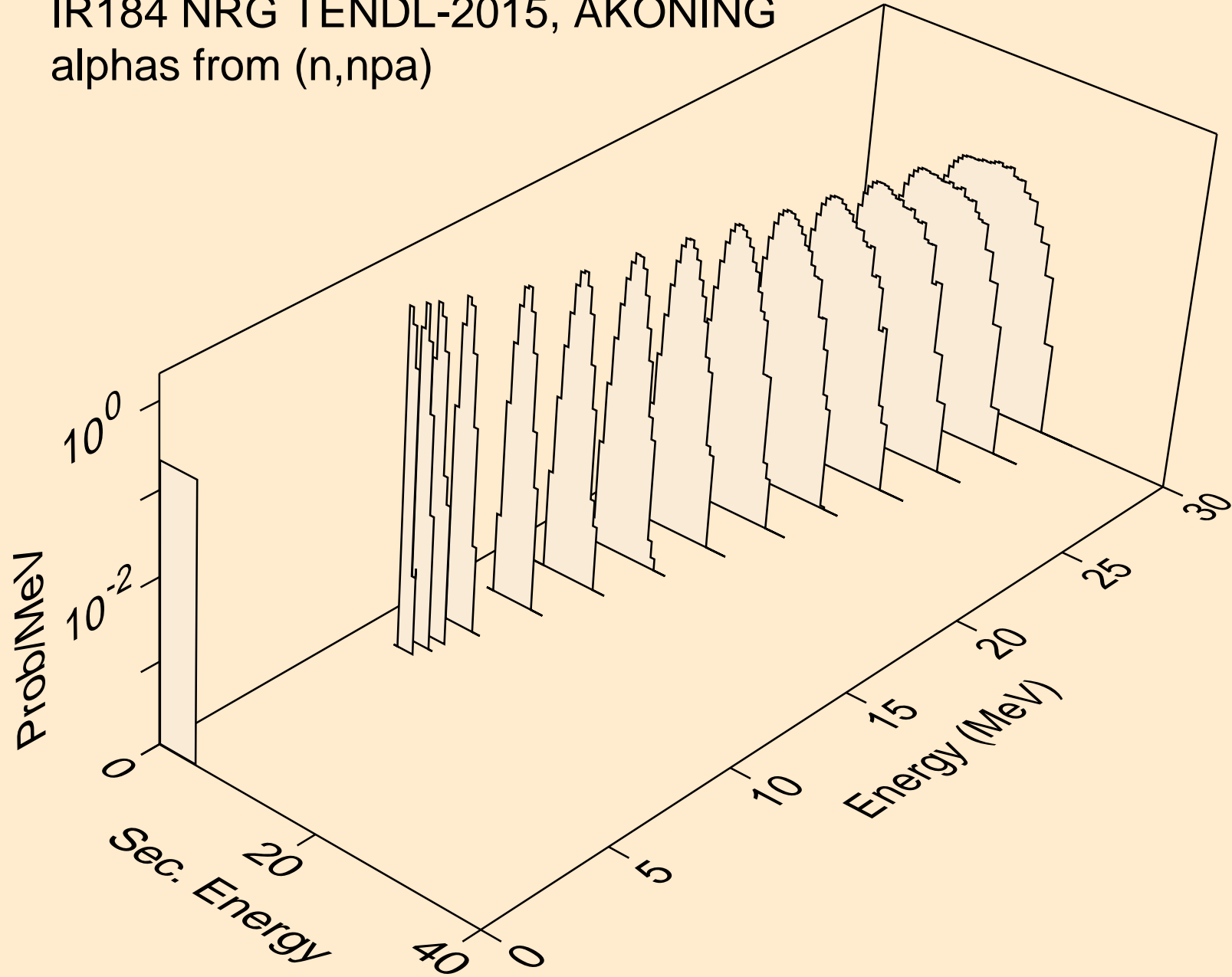
IR184 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



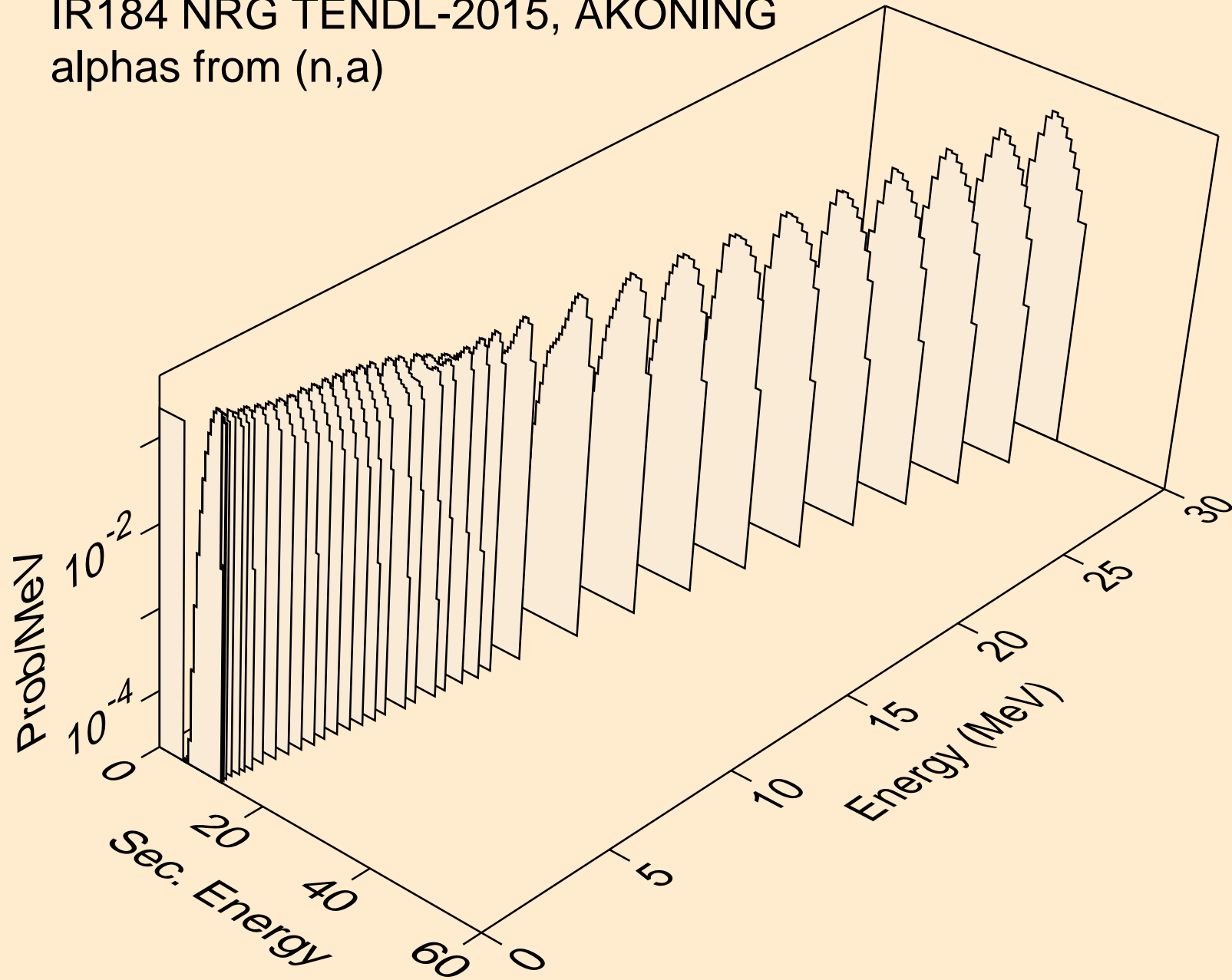
IR184 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



IR184 NRG TENDL-2015, AKONING  
alphas from (n,npa)

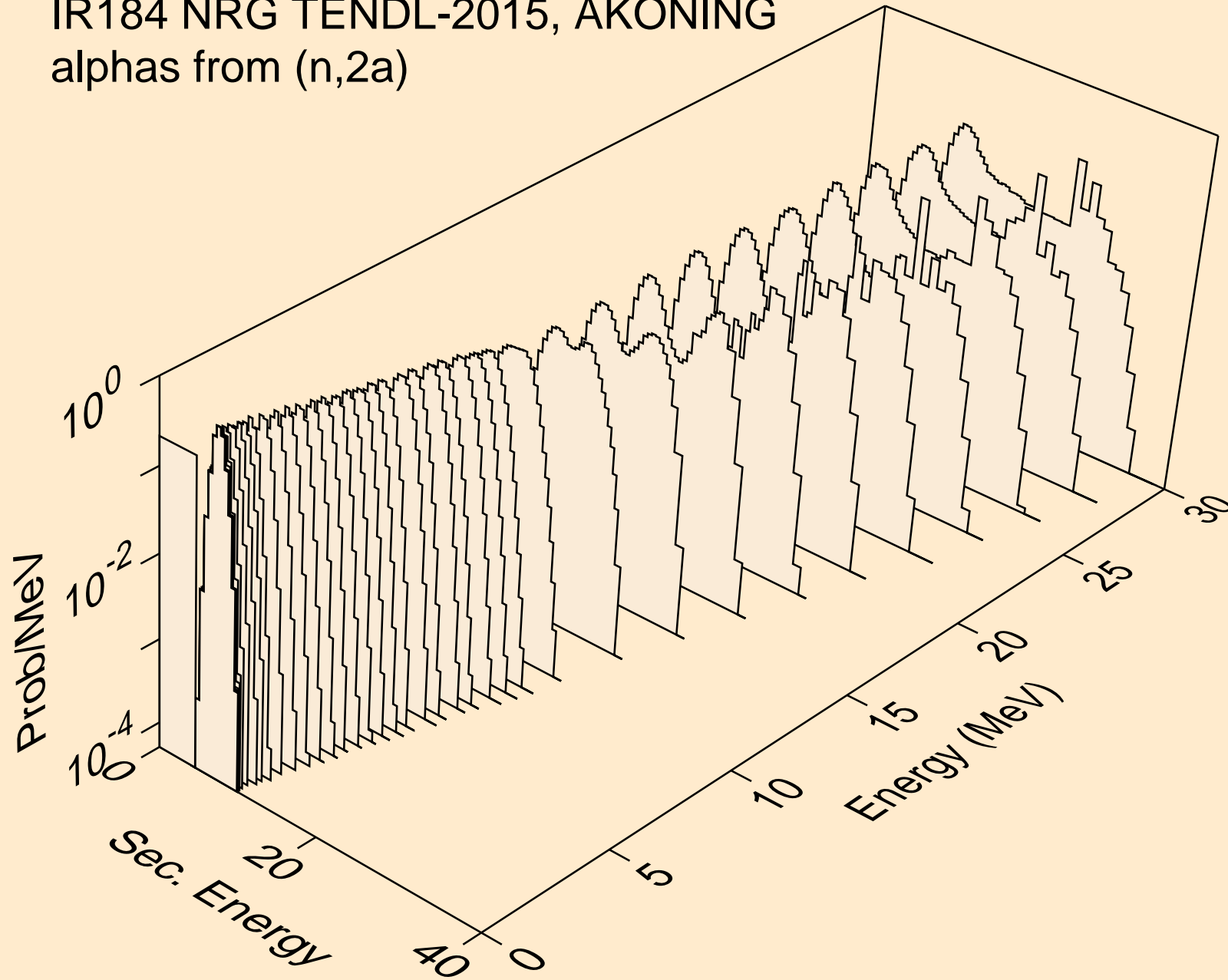


IR184 NRG TENDL-2015, AKONING  
alphas from (n,a)

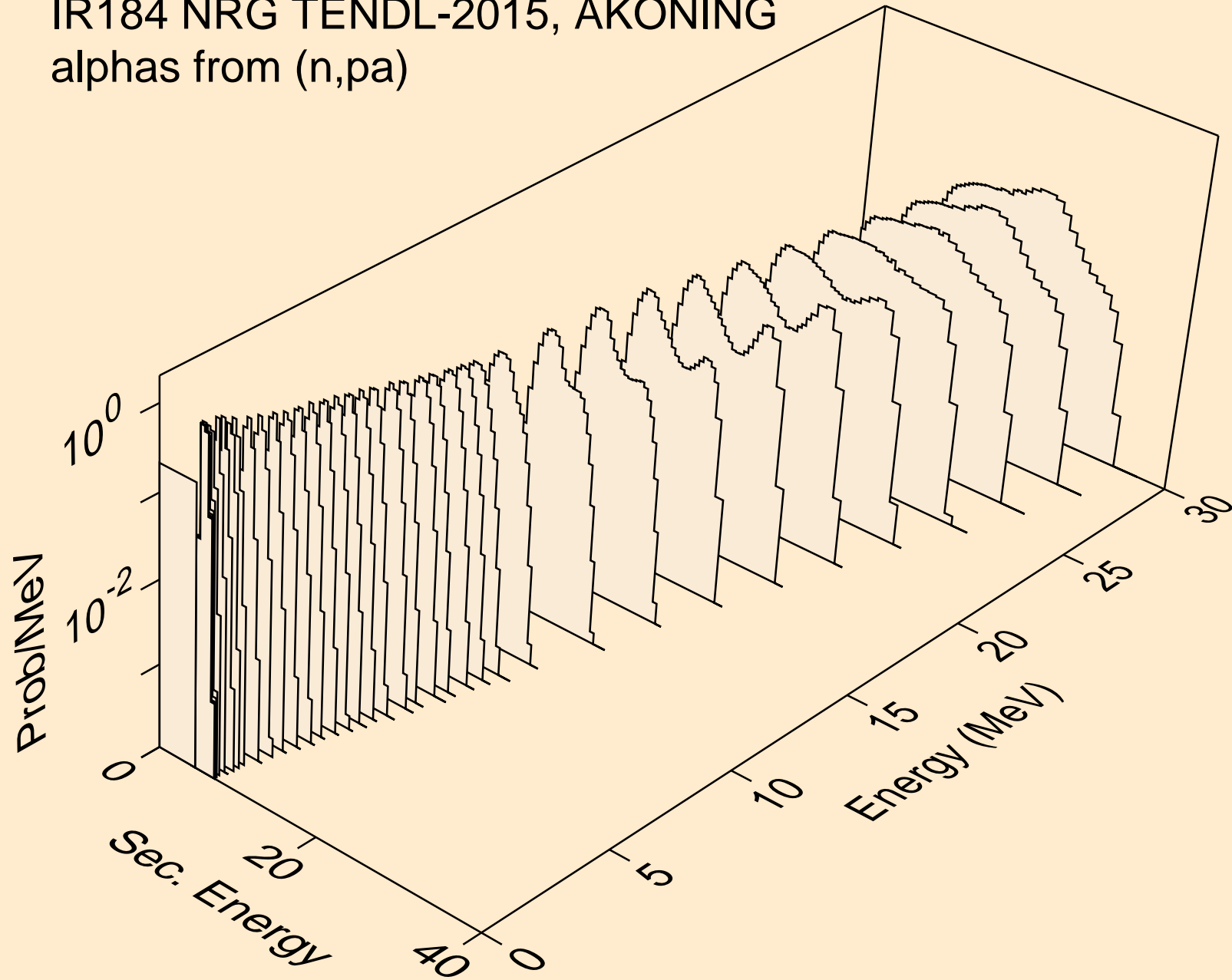




IR184 NRG TENDL-2015, AKONING  
alphas from (n,2a)



IR184 NRG TENDL-2015, AKONING  
alphas from (n,pa)



IR184 NRG TENDL-2015, AKONING  
alphas from (n,da)

