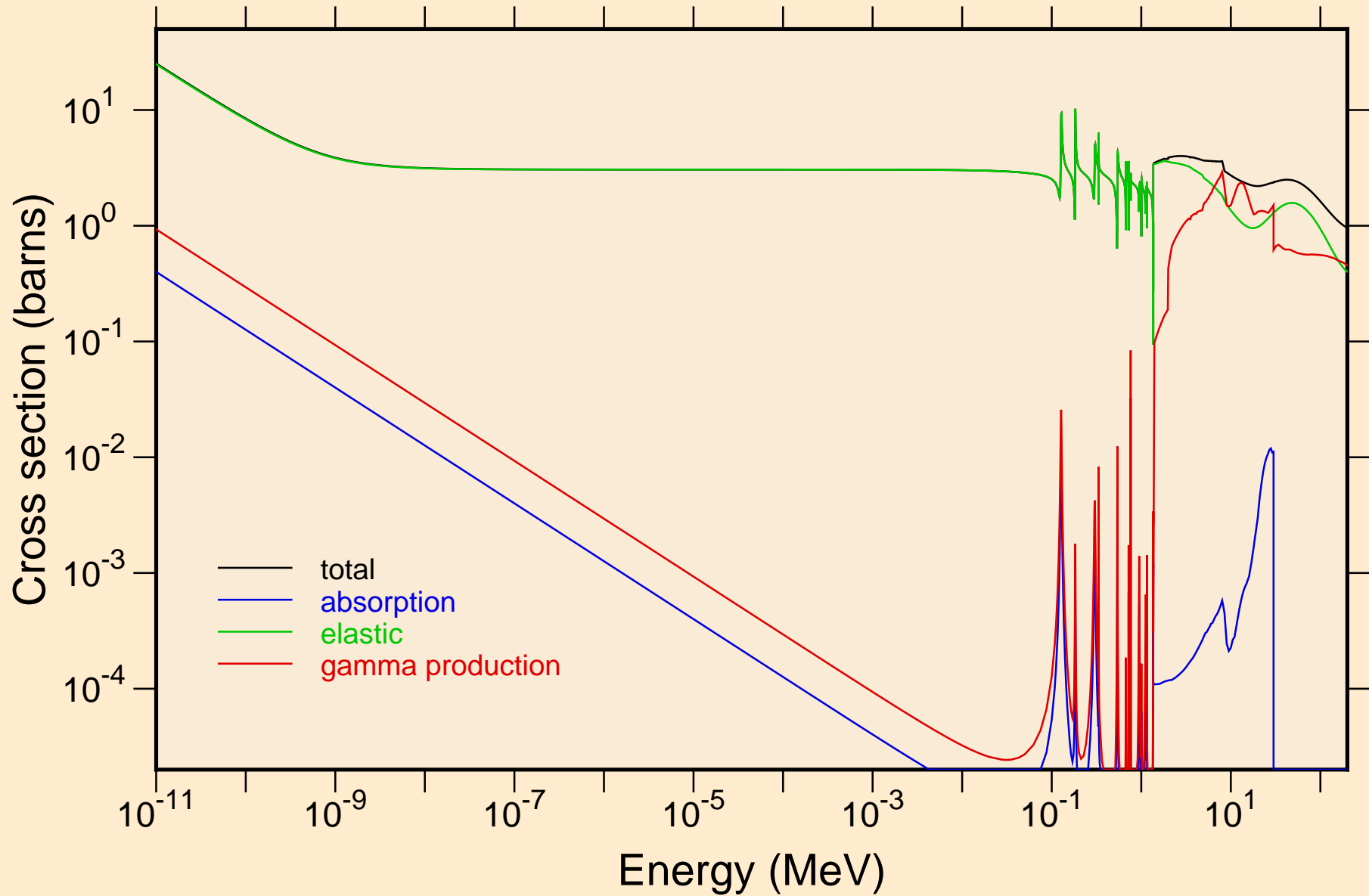
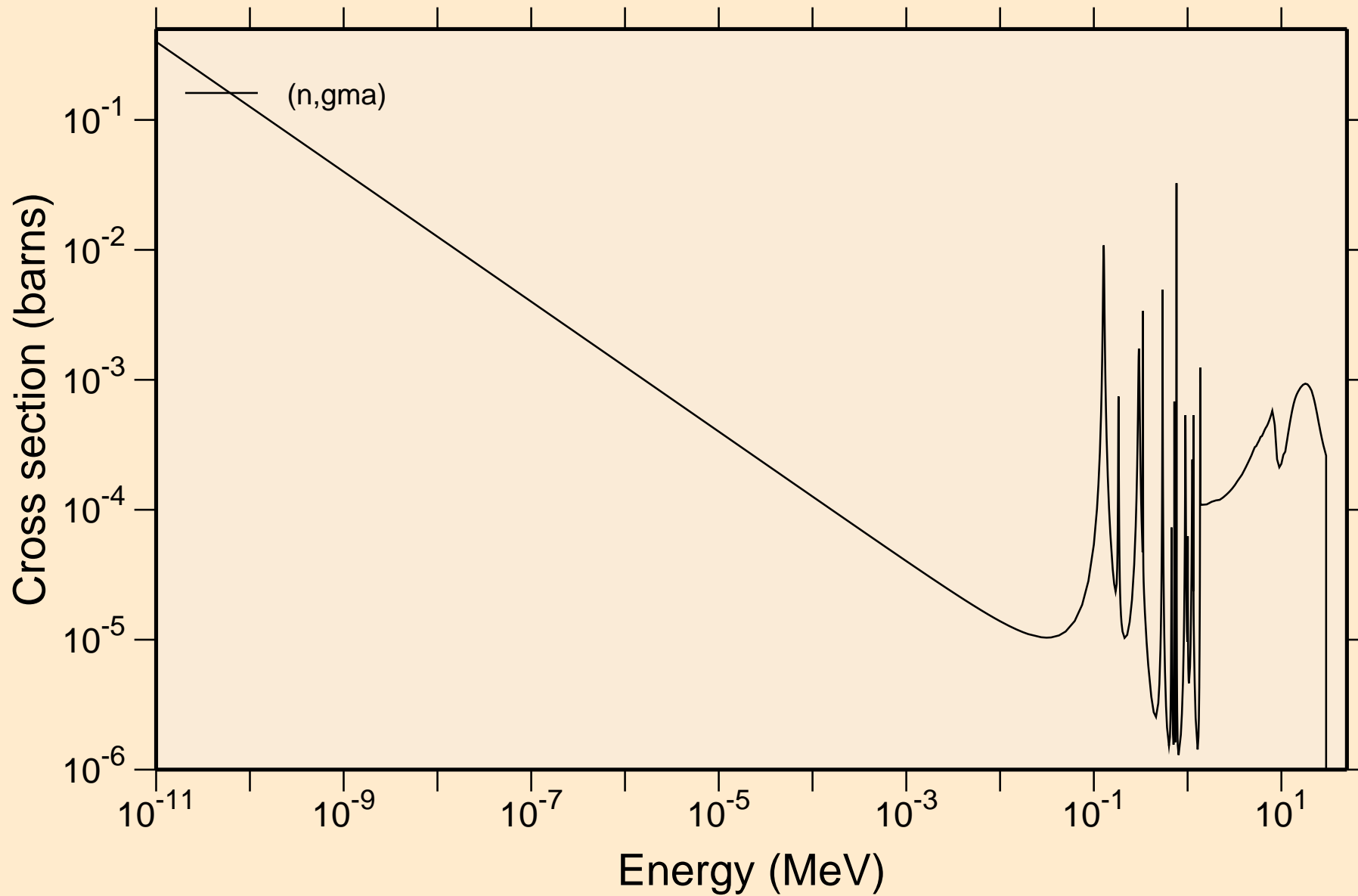


# CA051 NRG TENDL-2015, AKONING

## Principal cross sections

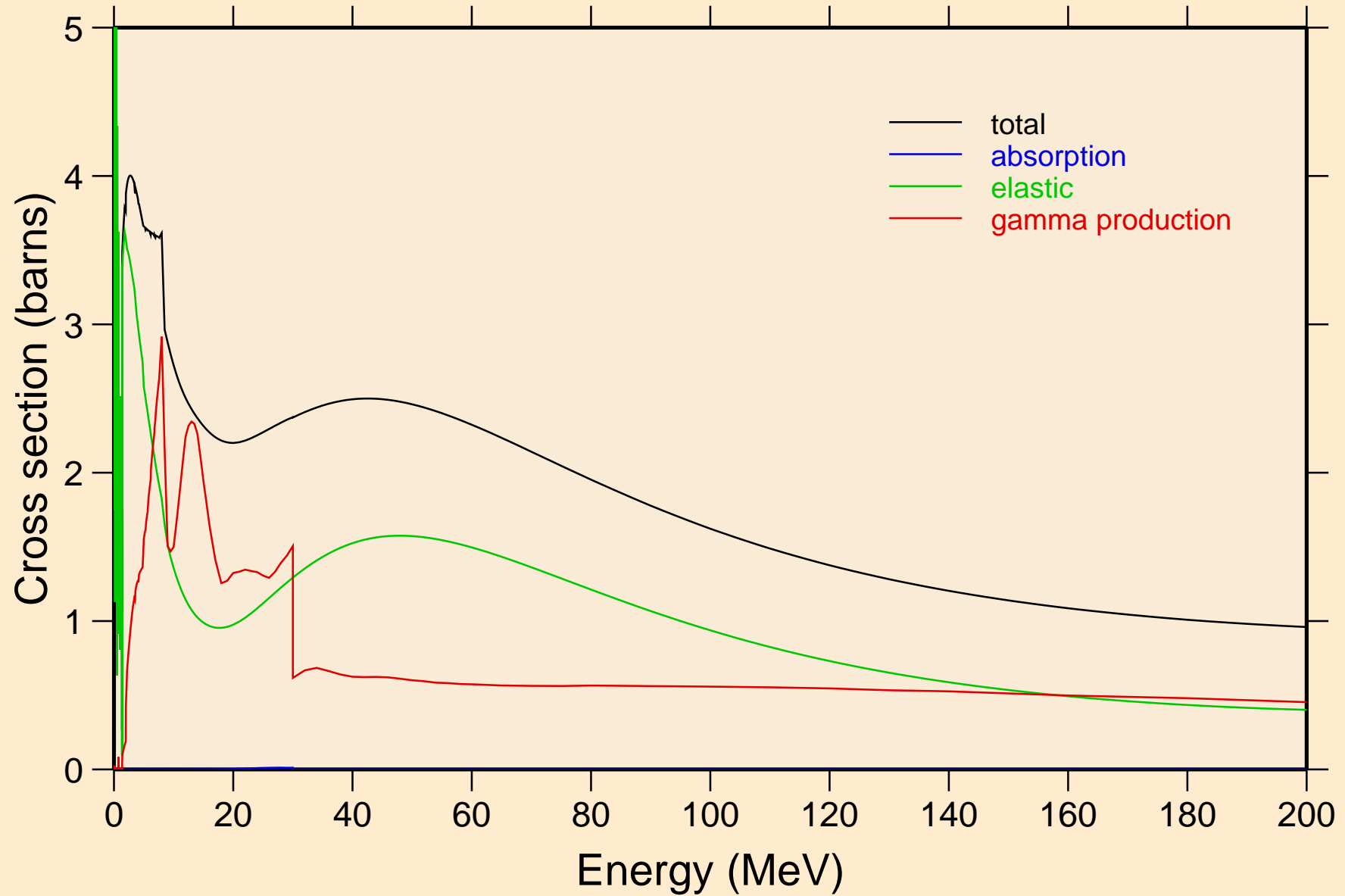


CA051 NRG TENDL-2015, AKONING  
Non-threshold reactions

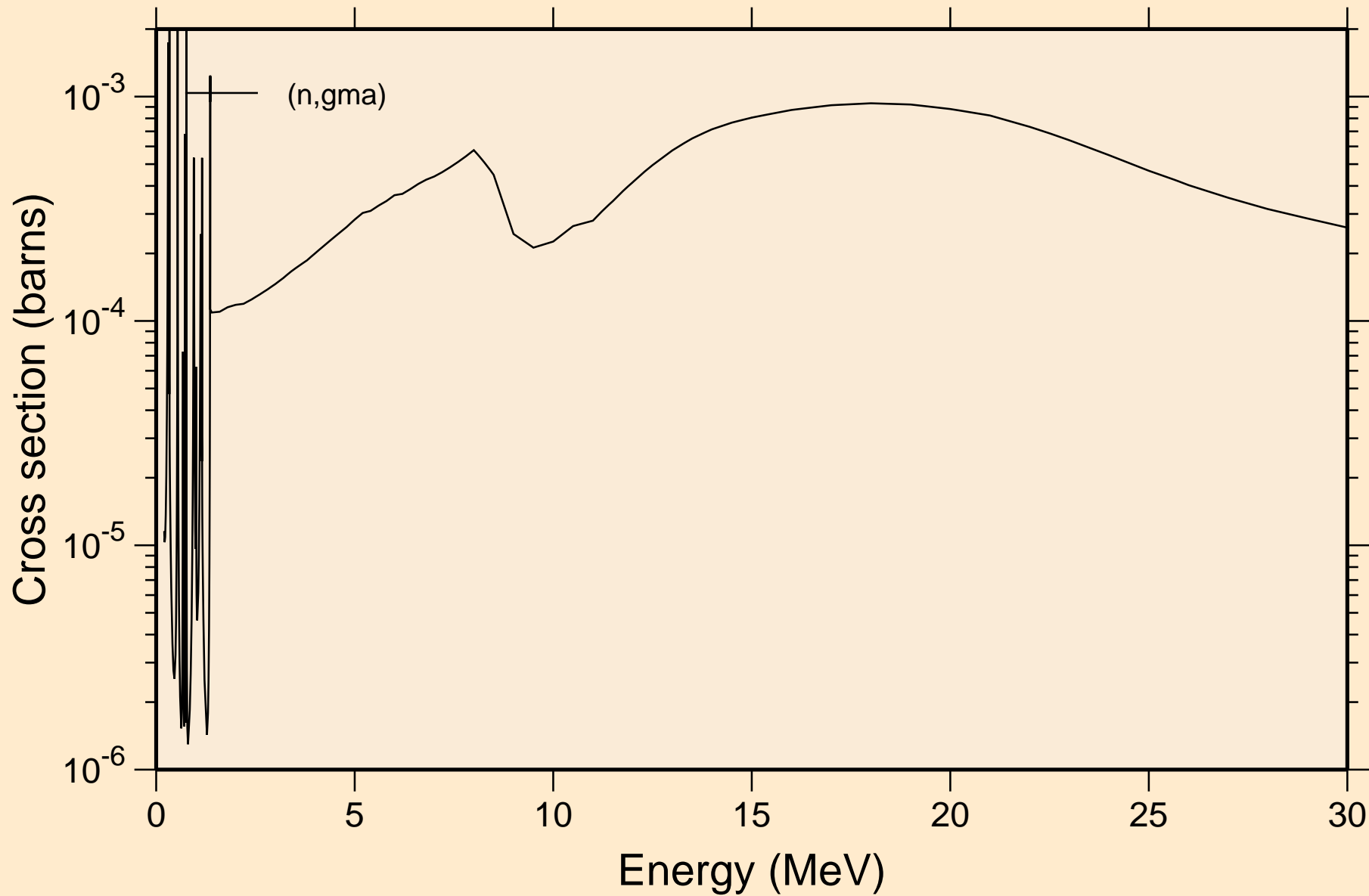


# CA051 NRG TENDL-2015, AKONING

## Principal cross sections

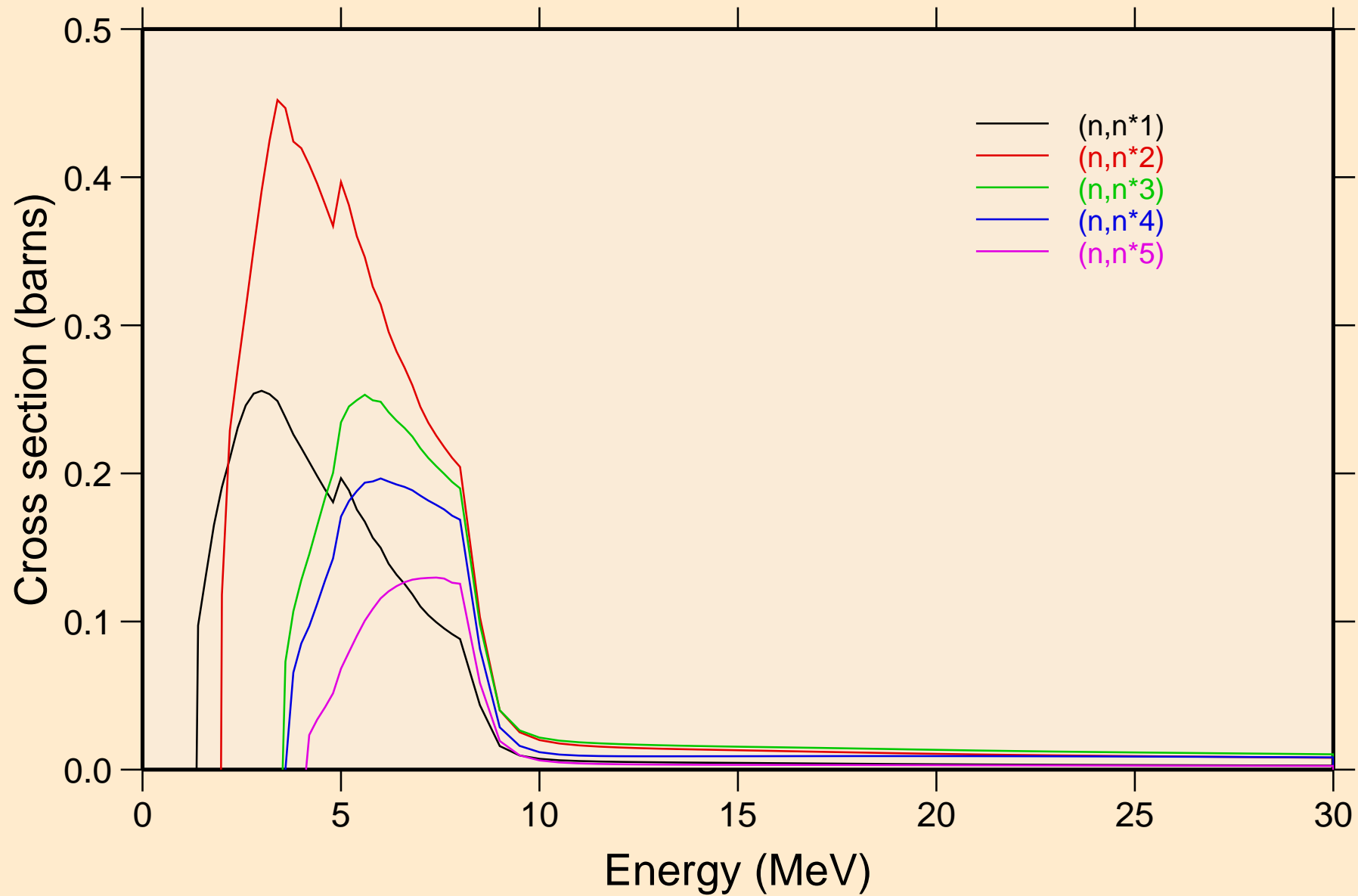


CA051 NRG TENDL-2015, AKONING  
Non-threshold reactions



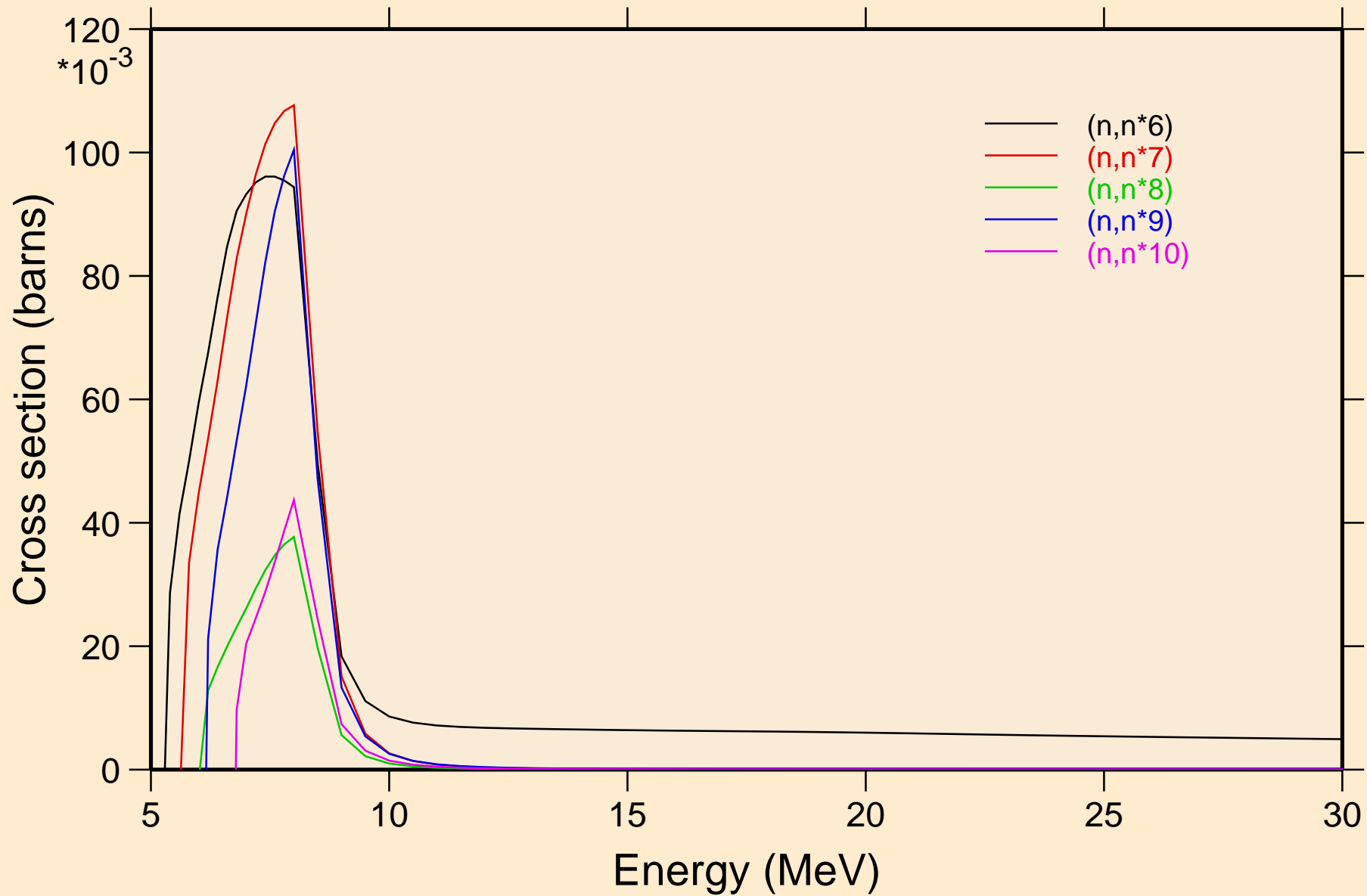
# CA051 NRG TENDL-2015, AKONING

## Inelastic levels



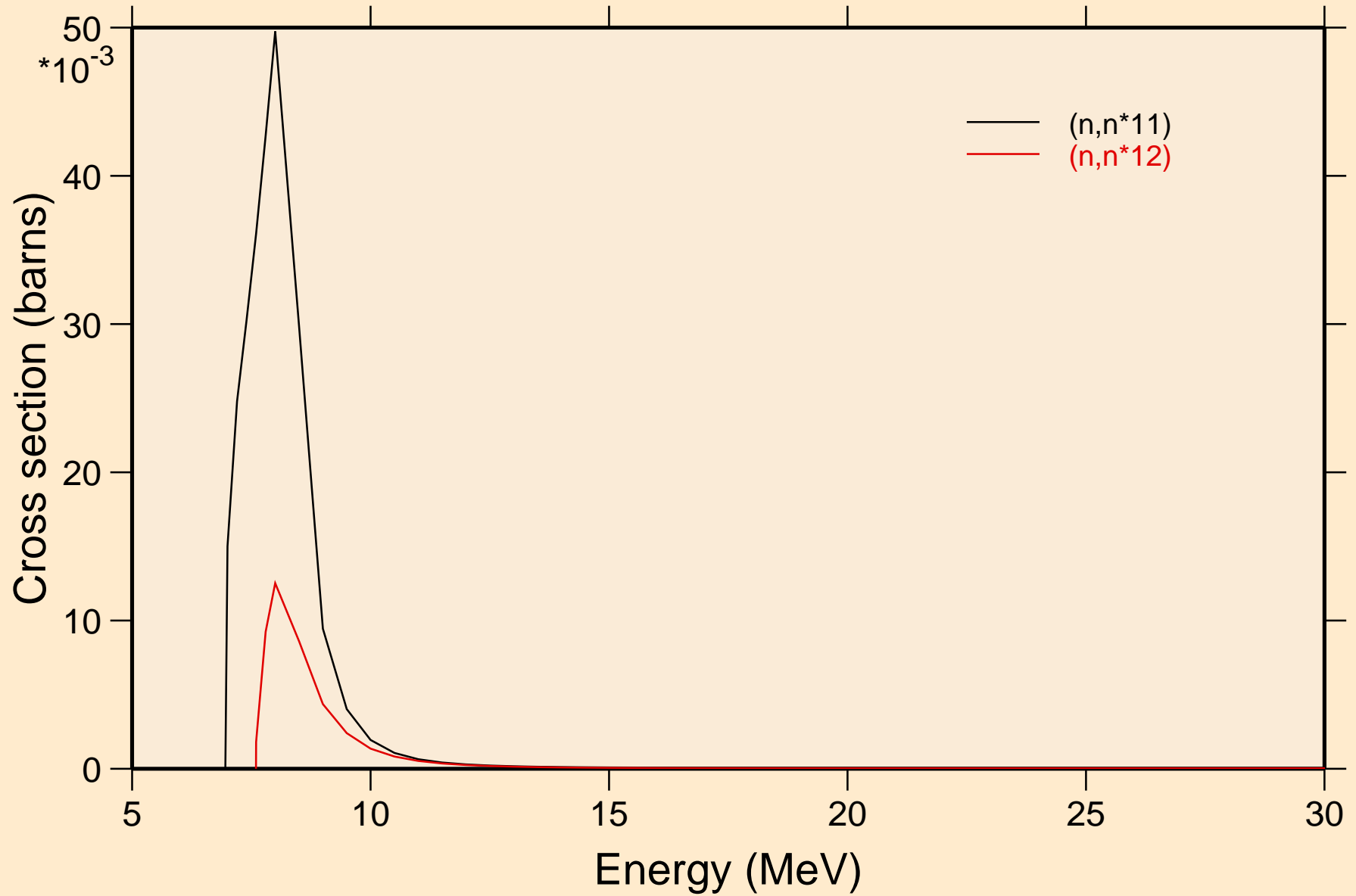
# CA051 NRG TENDL-2015, AKONING

## Inelastic levels



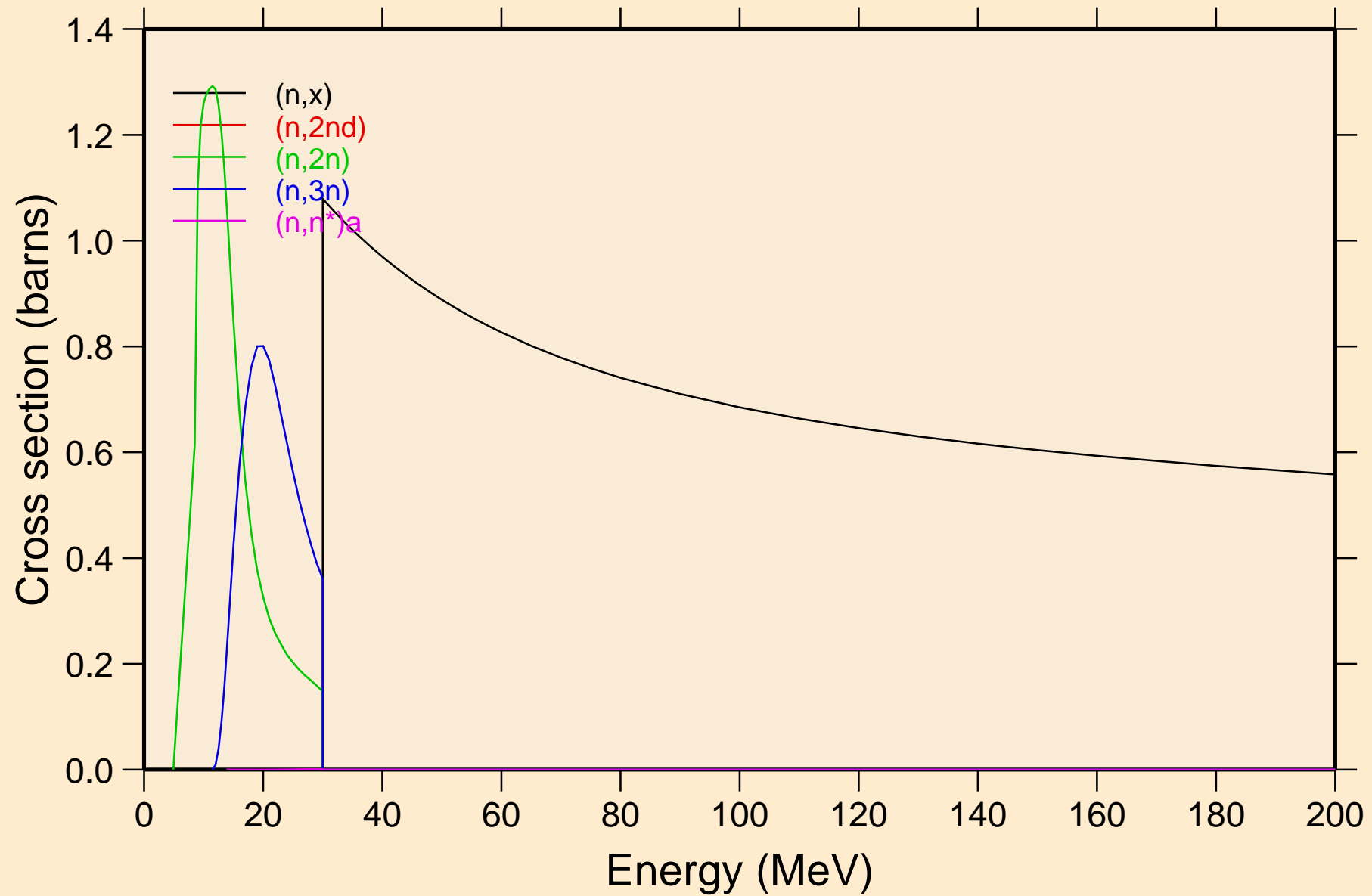
# CA051 NRG TENDL-2015, AKONING

## Inelastic levels



# CA051 NRG TENDL-2015, AKONING

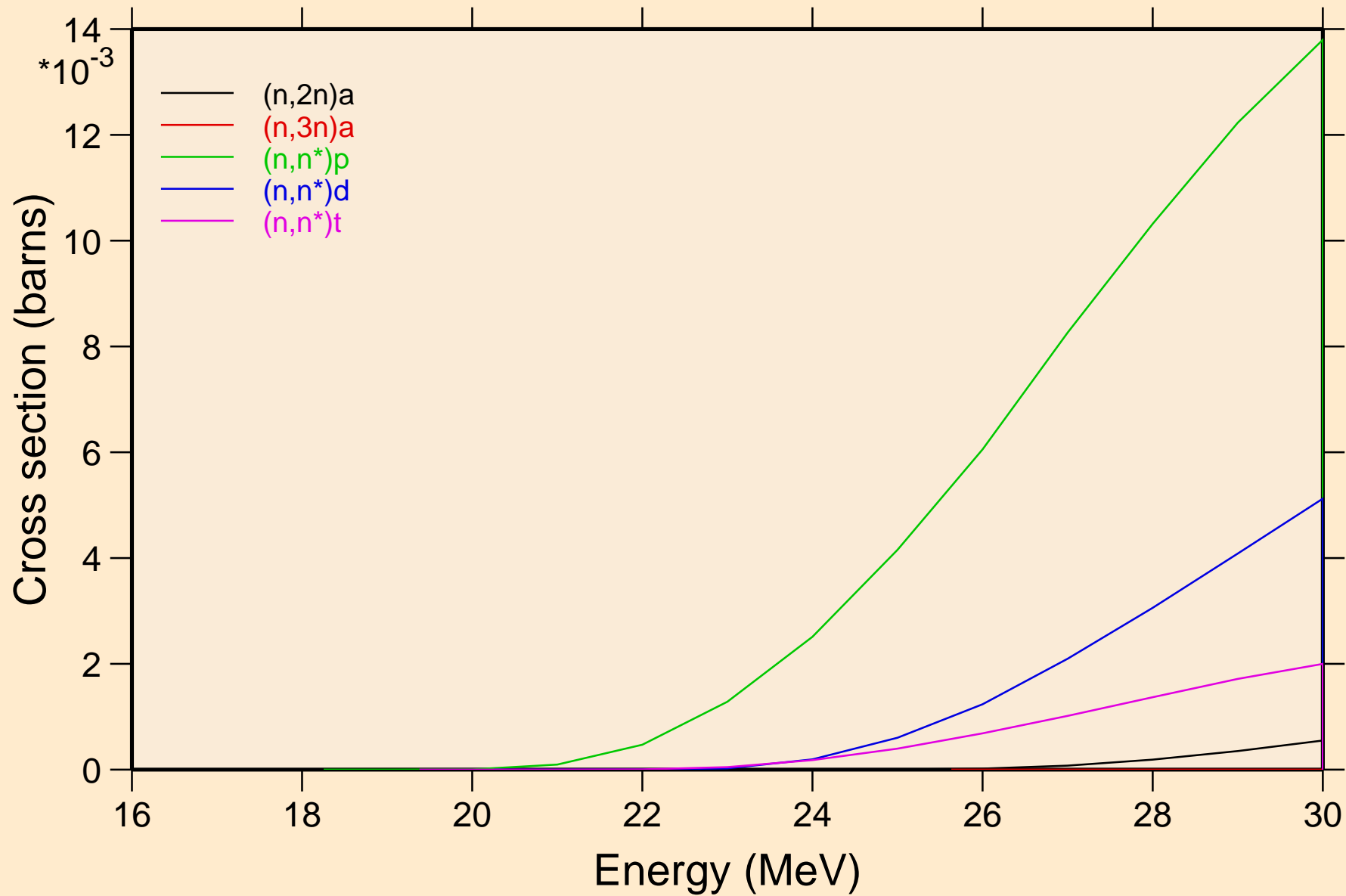
## Threshold reactions





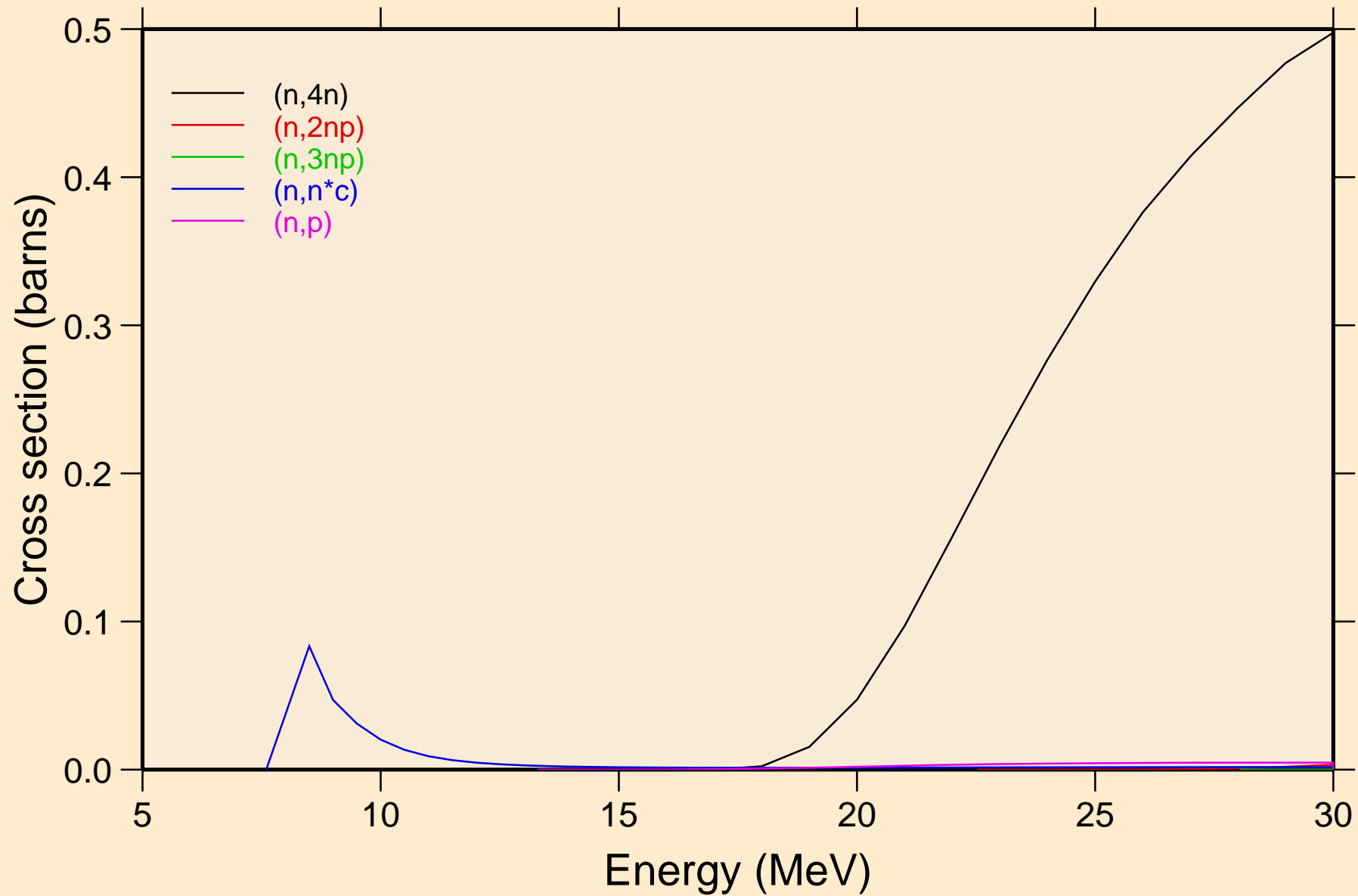
# CA051 NRG TENDL-2015, AKONING

## Threshold reactions



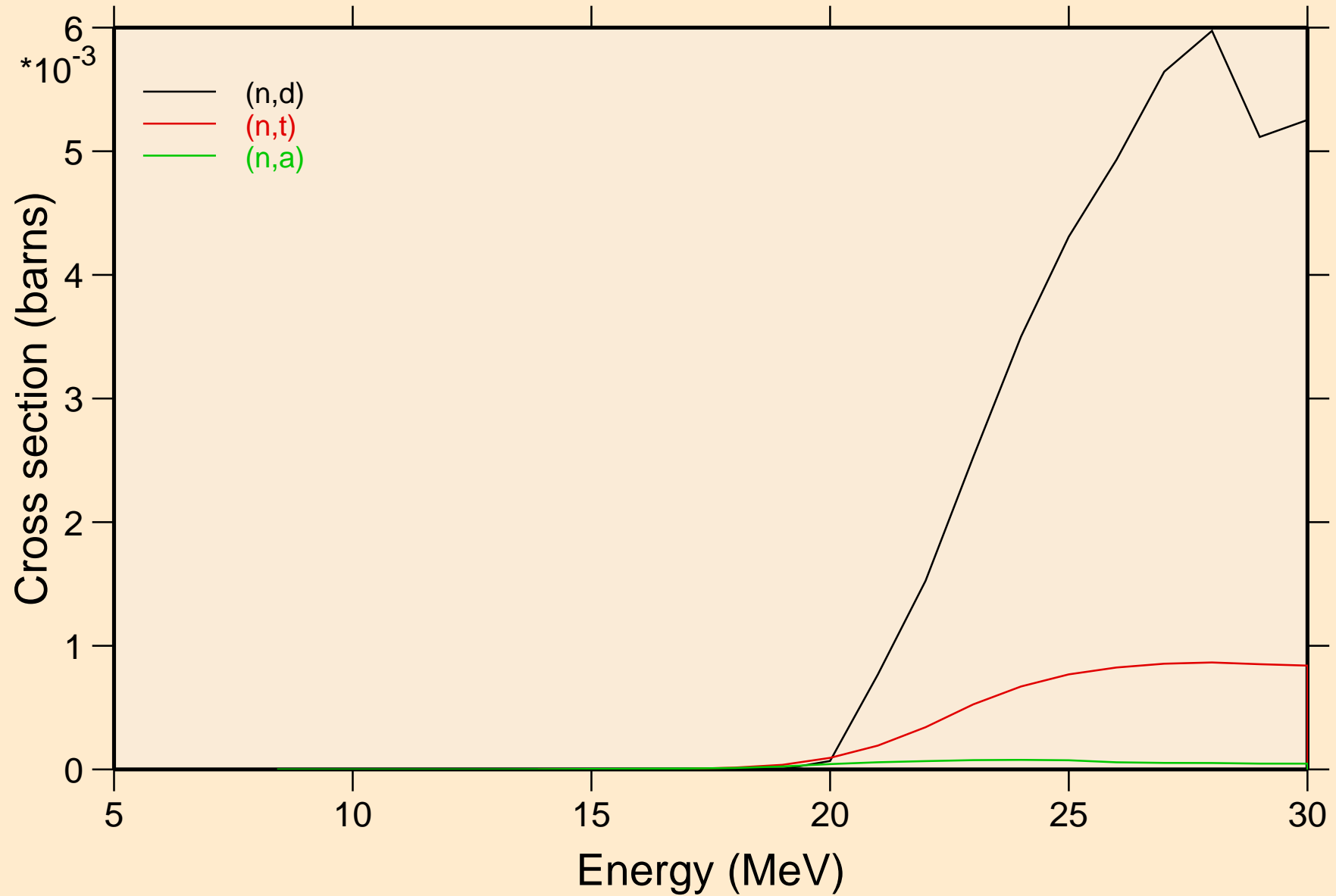
# CA051 NRG TENDL-2015, AKONING

## Threshold reactions

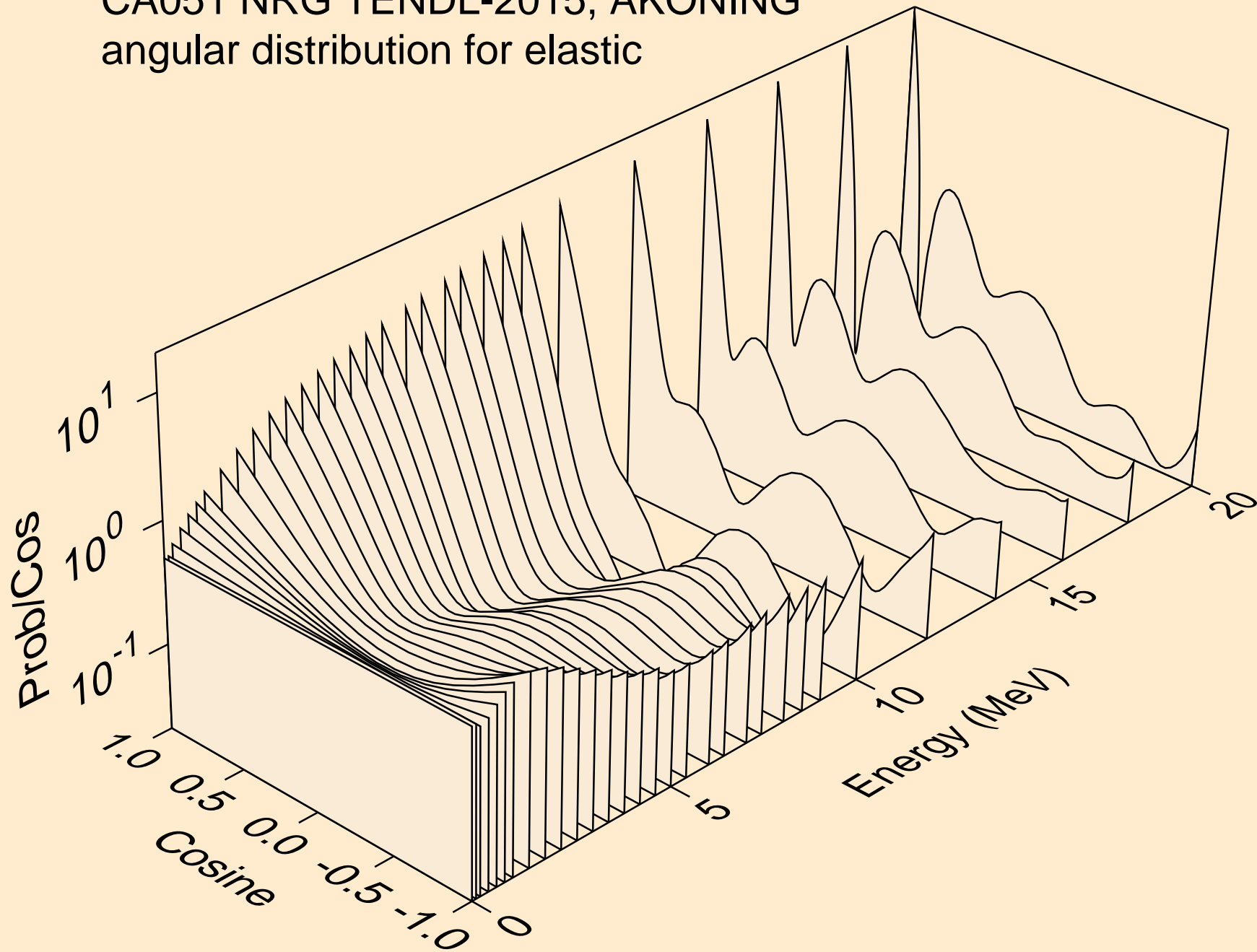


# CA051 NRG TENDL-2015, AKONING

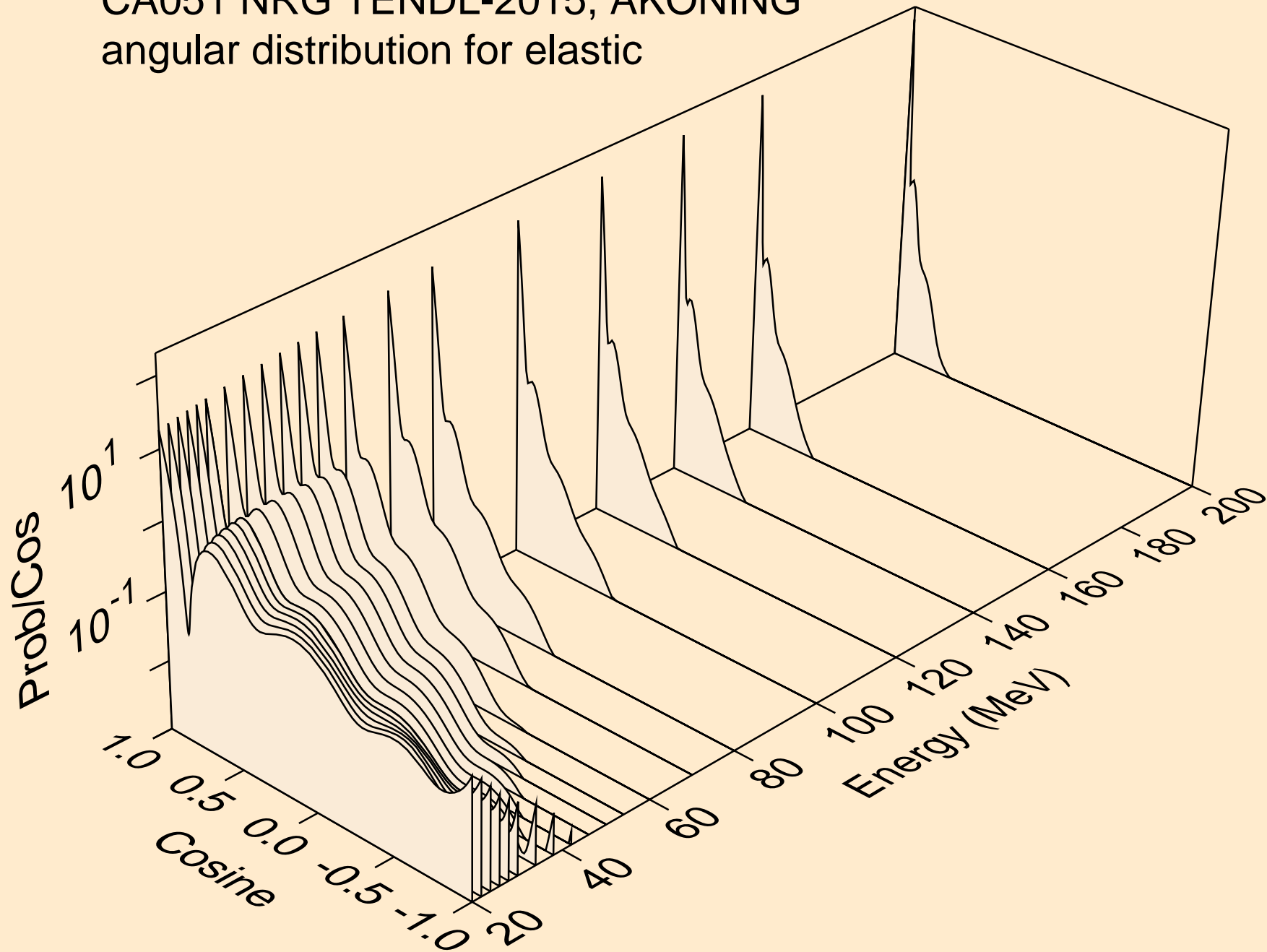
## Threshold reactions



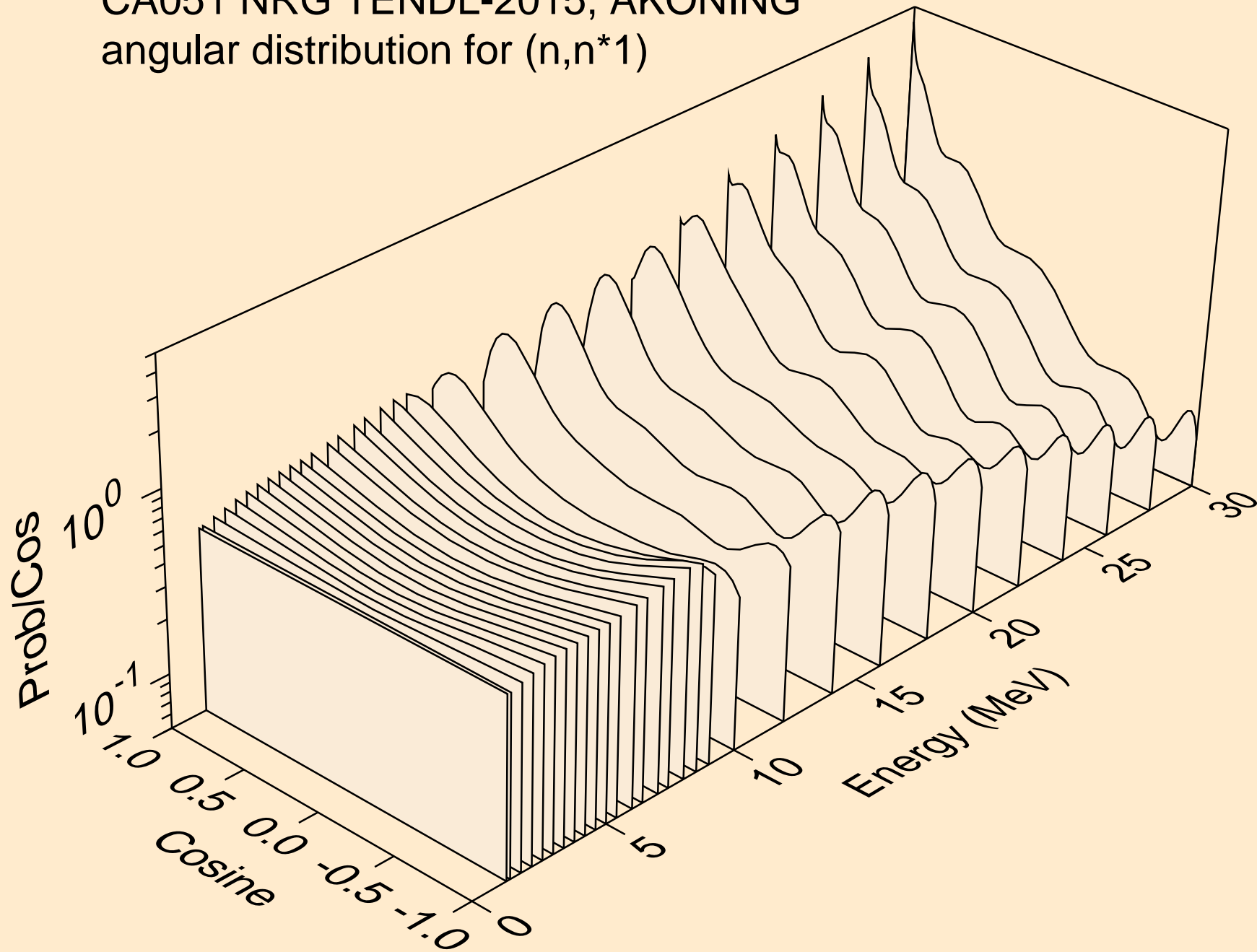
CA051 NRG TENDL-2015, AKONING  
angular distribution for elastic



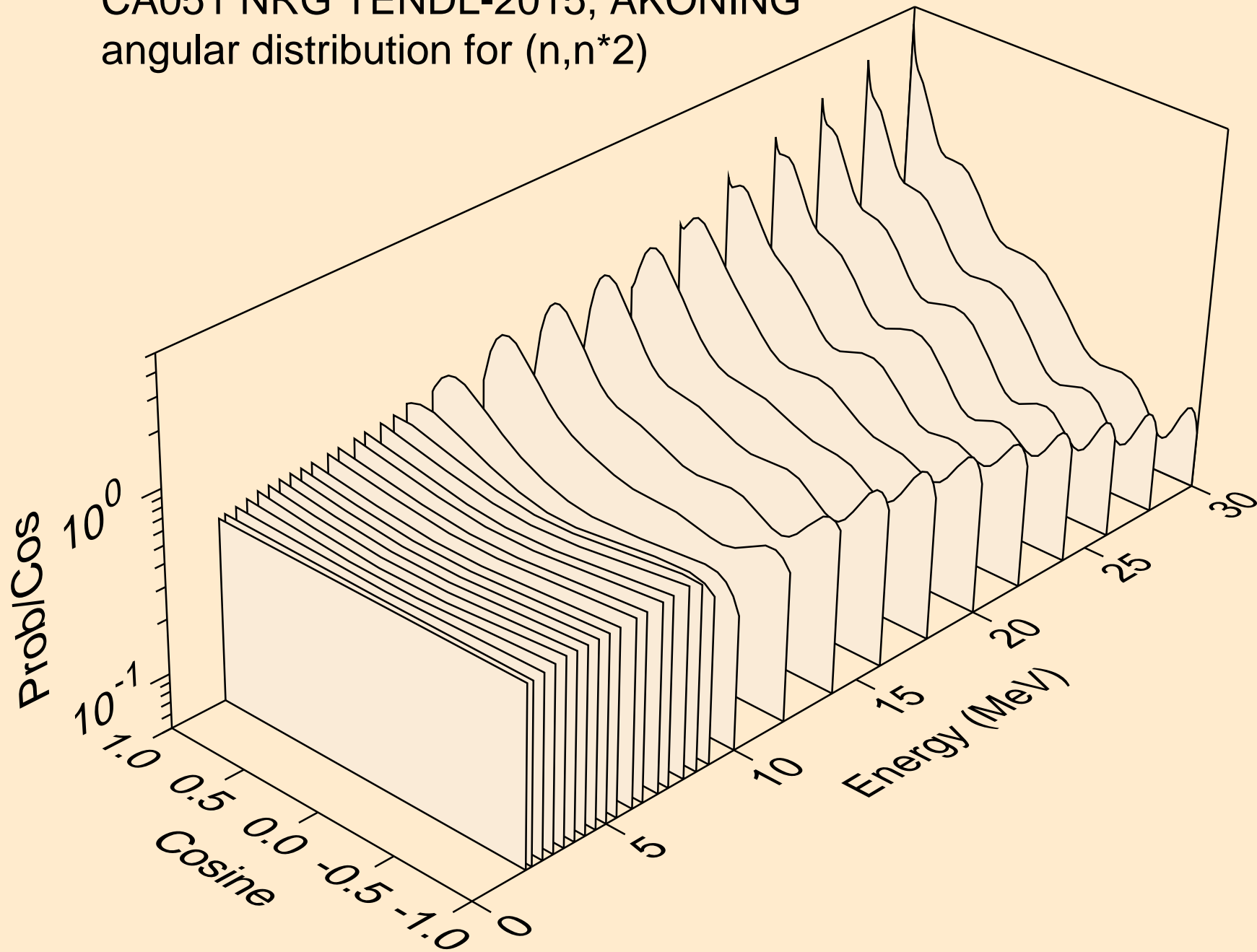
CA051 NRG TENDL-2015, AKONING  
angular distribution for elastic



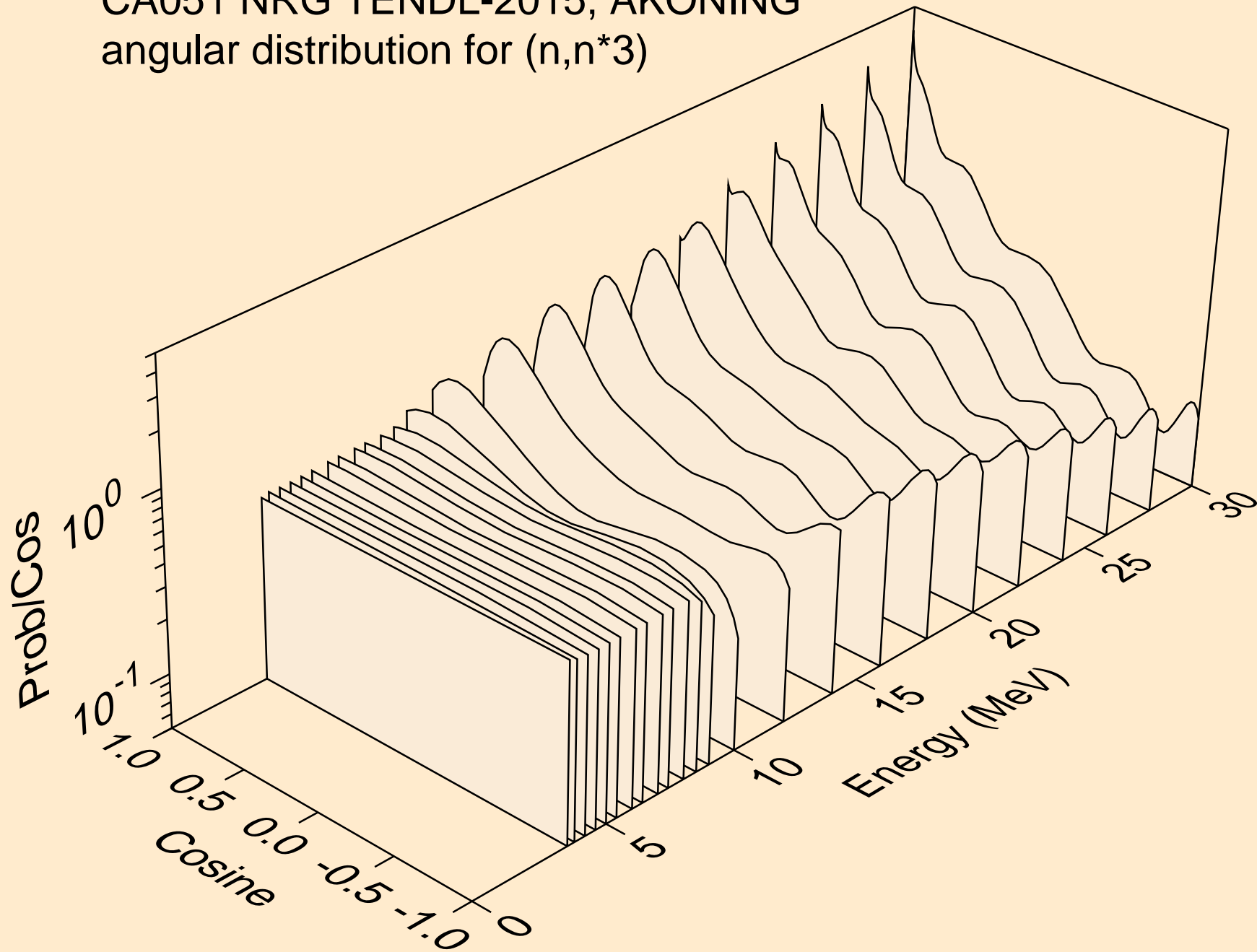
CA051 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



CA051 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

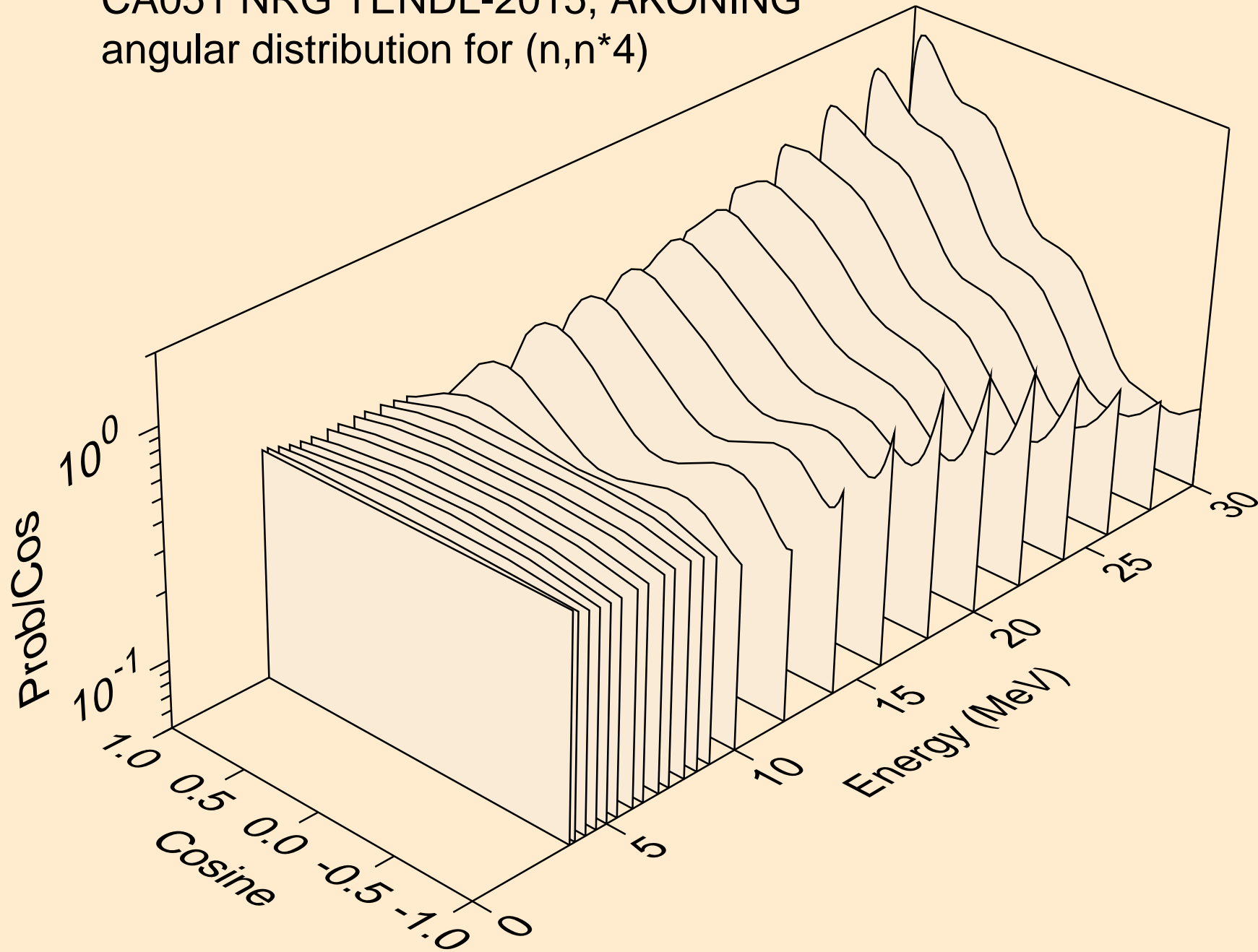


CA051 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

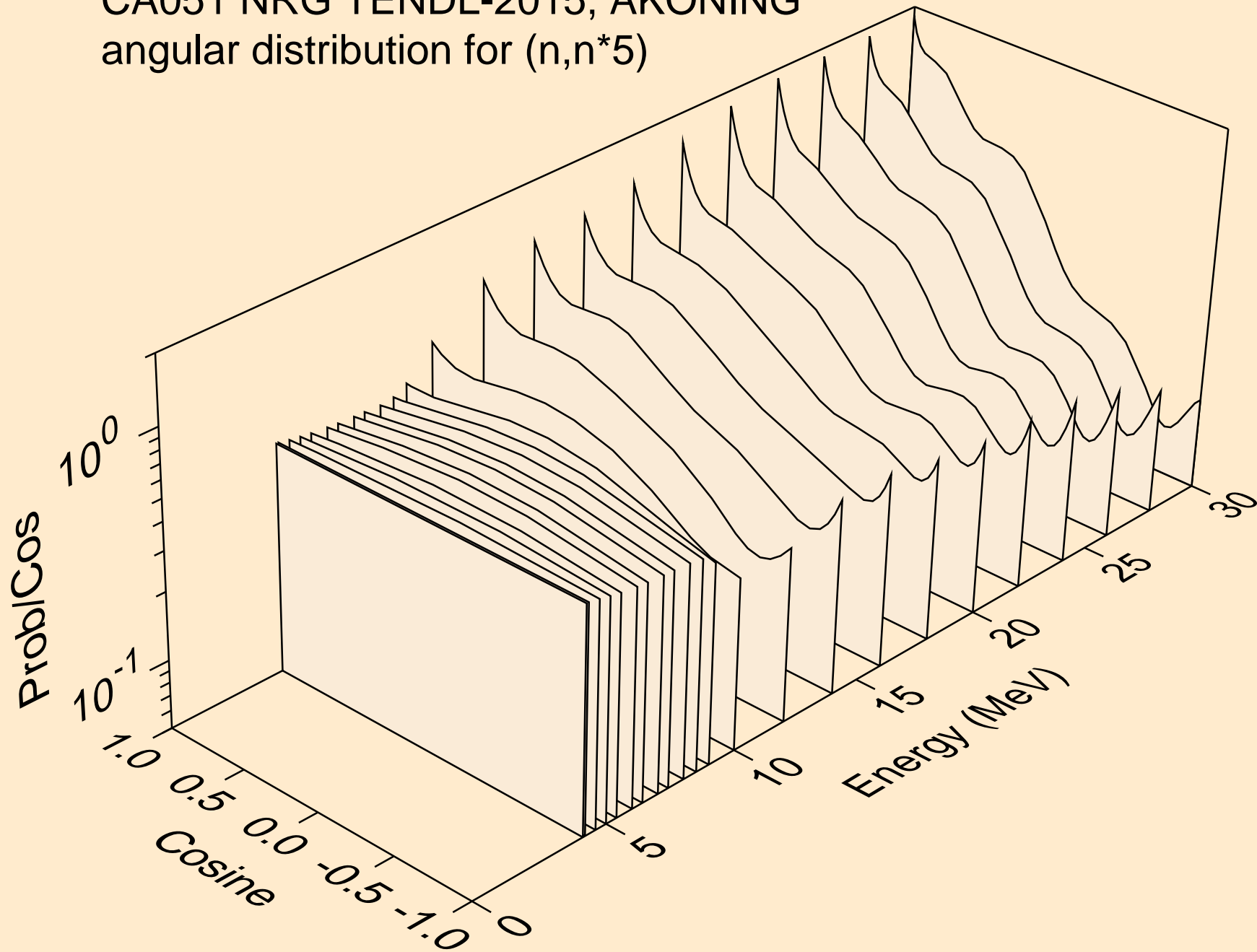




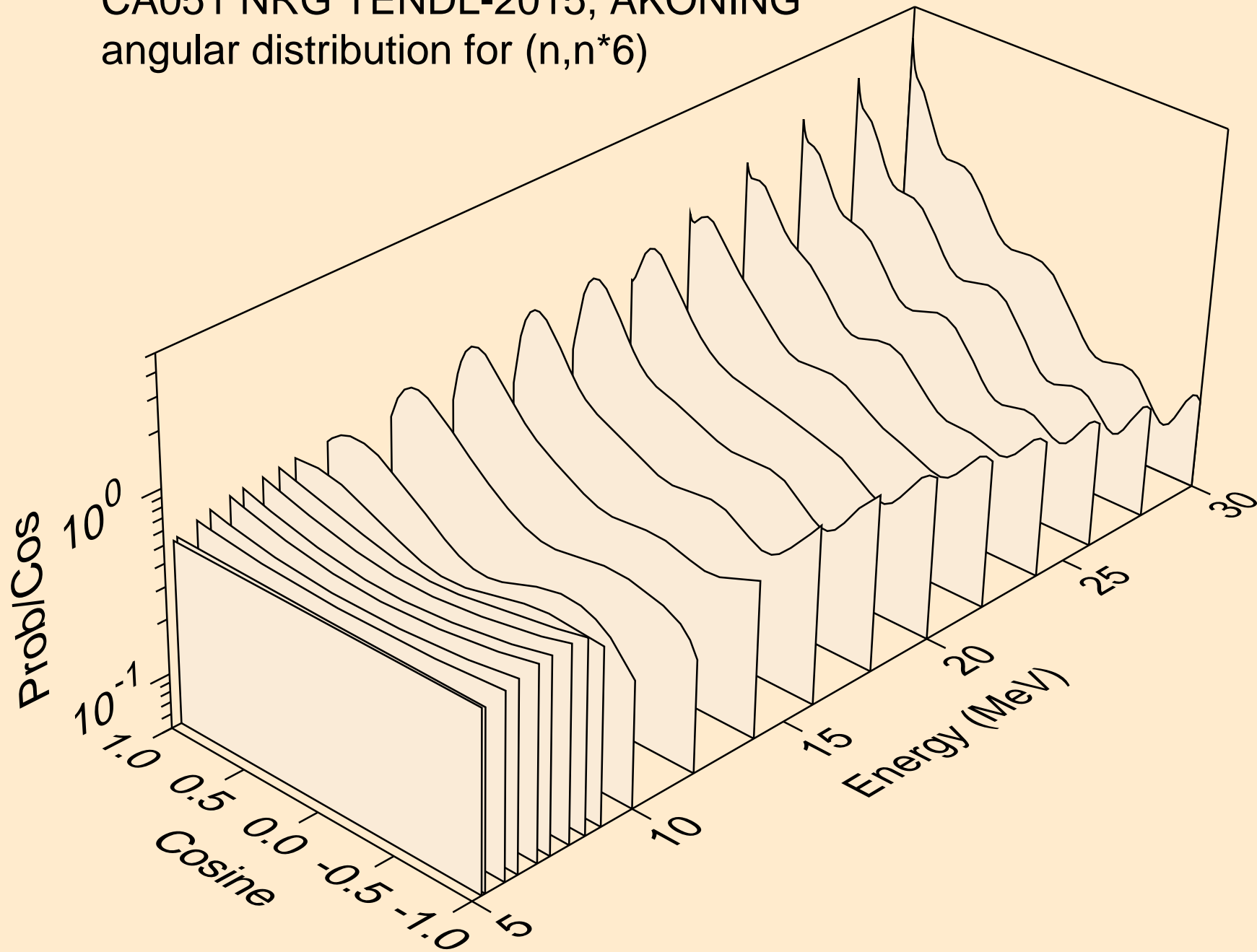
CA051 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



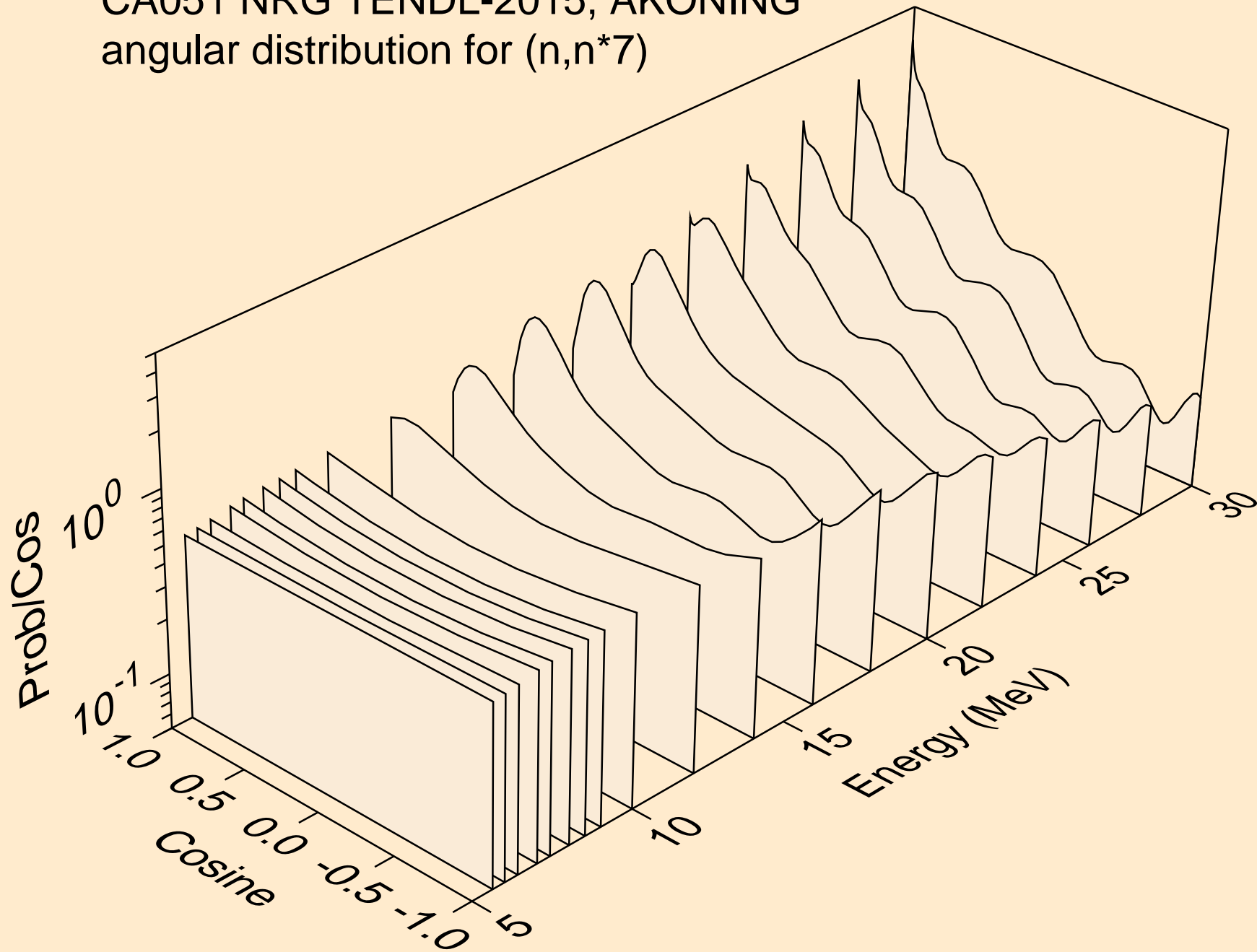
CA051 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



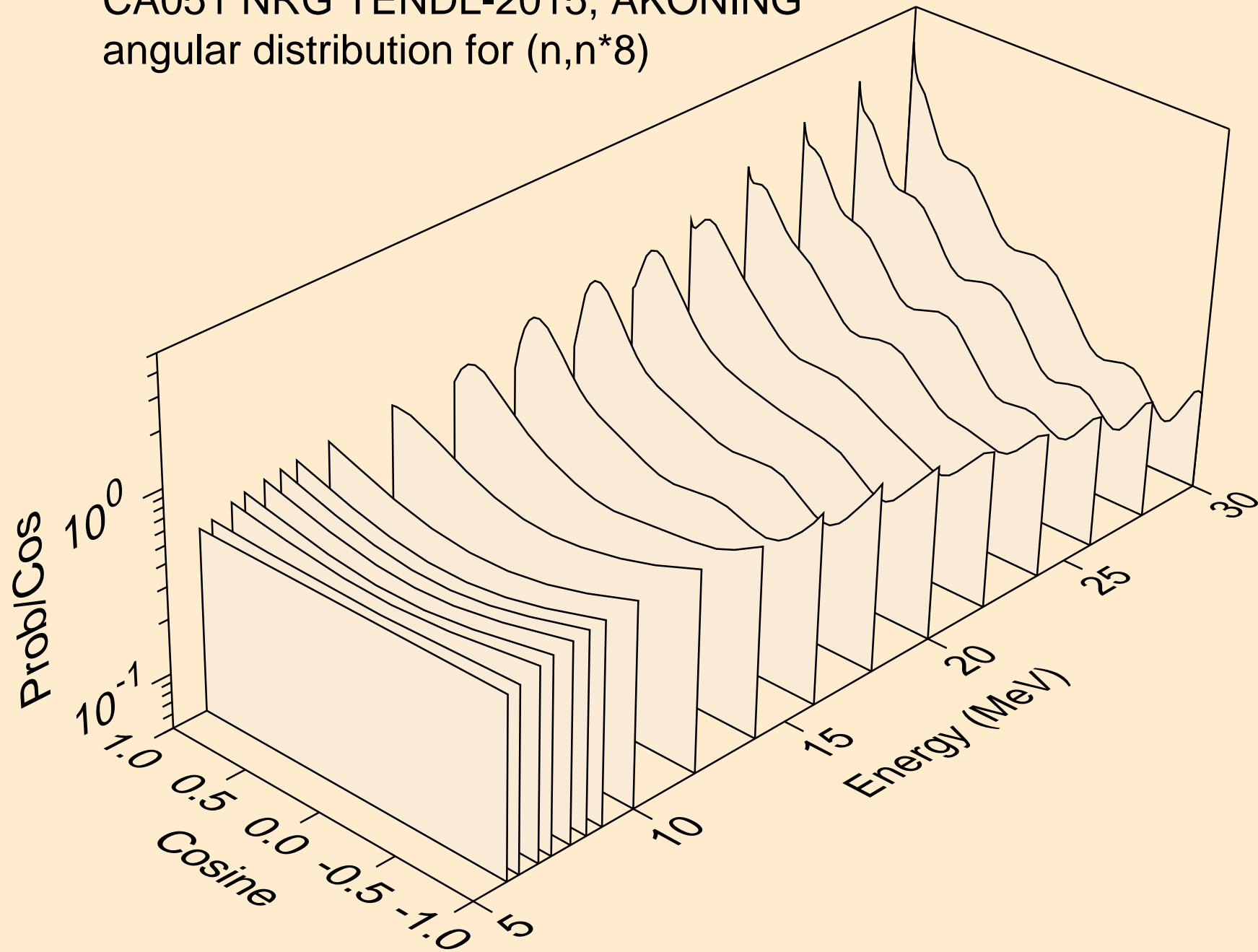
CA051 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



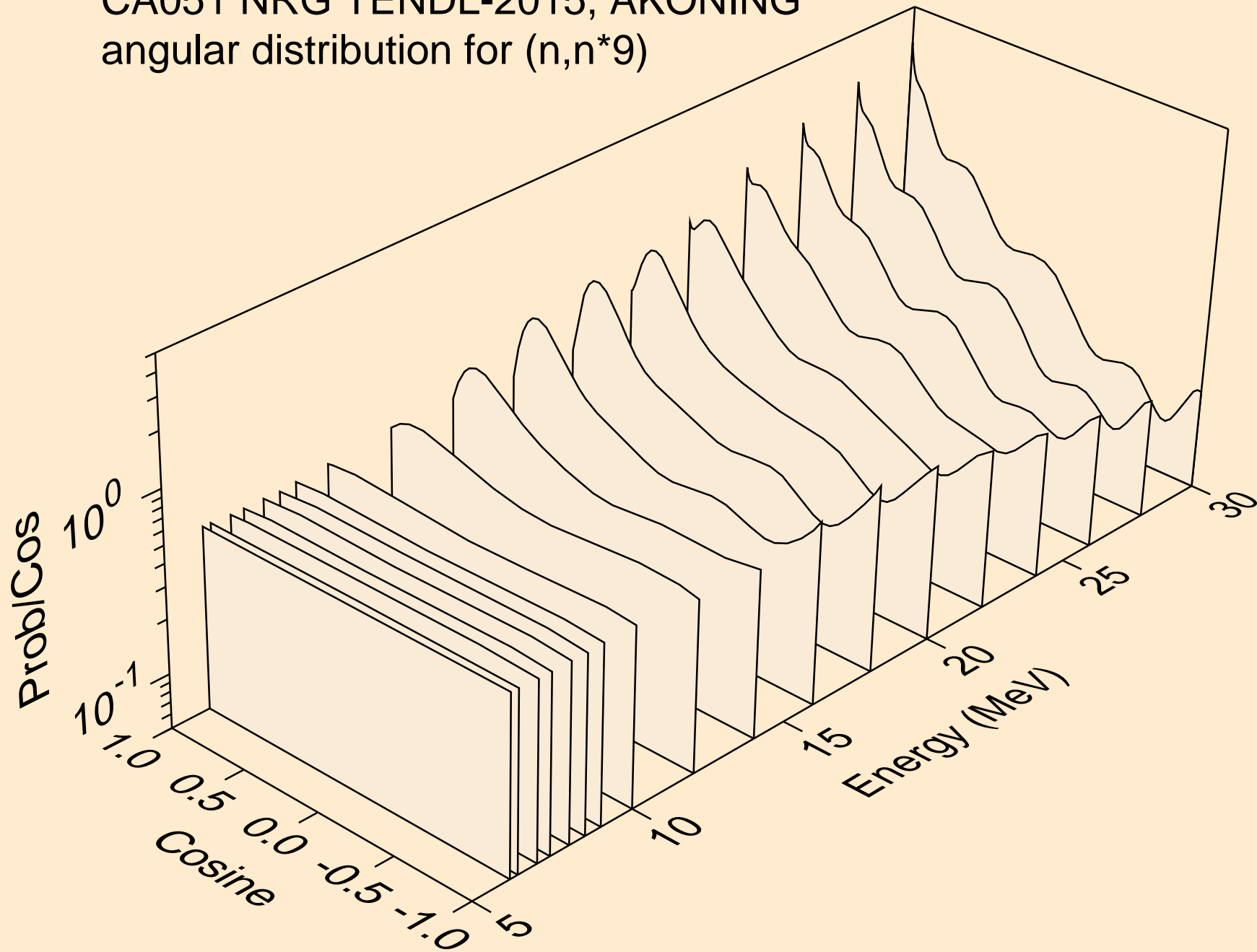
CA051 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



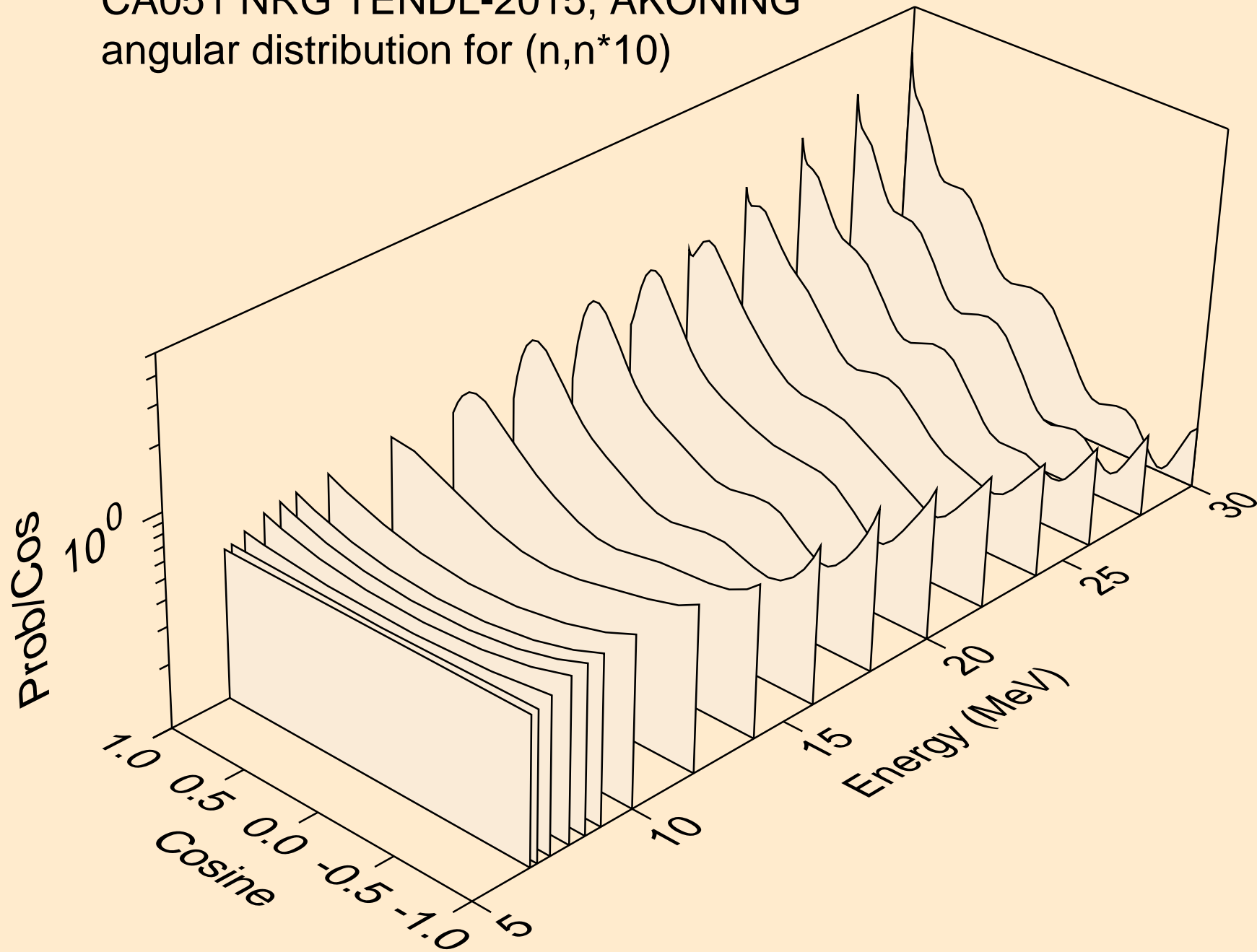
CA051 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



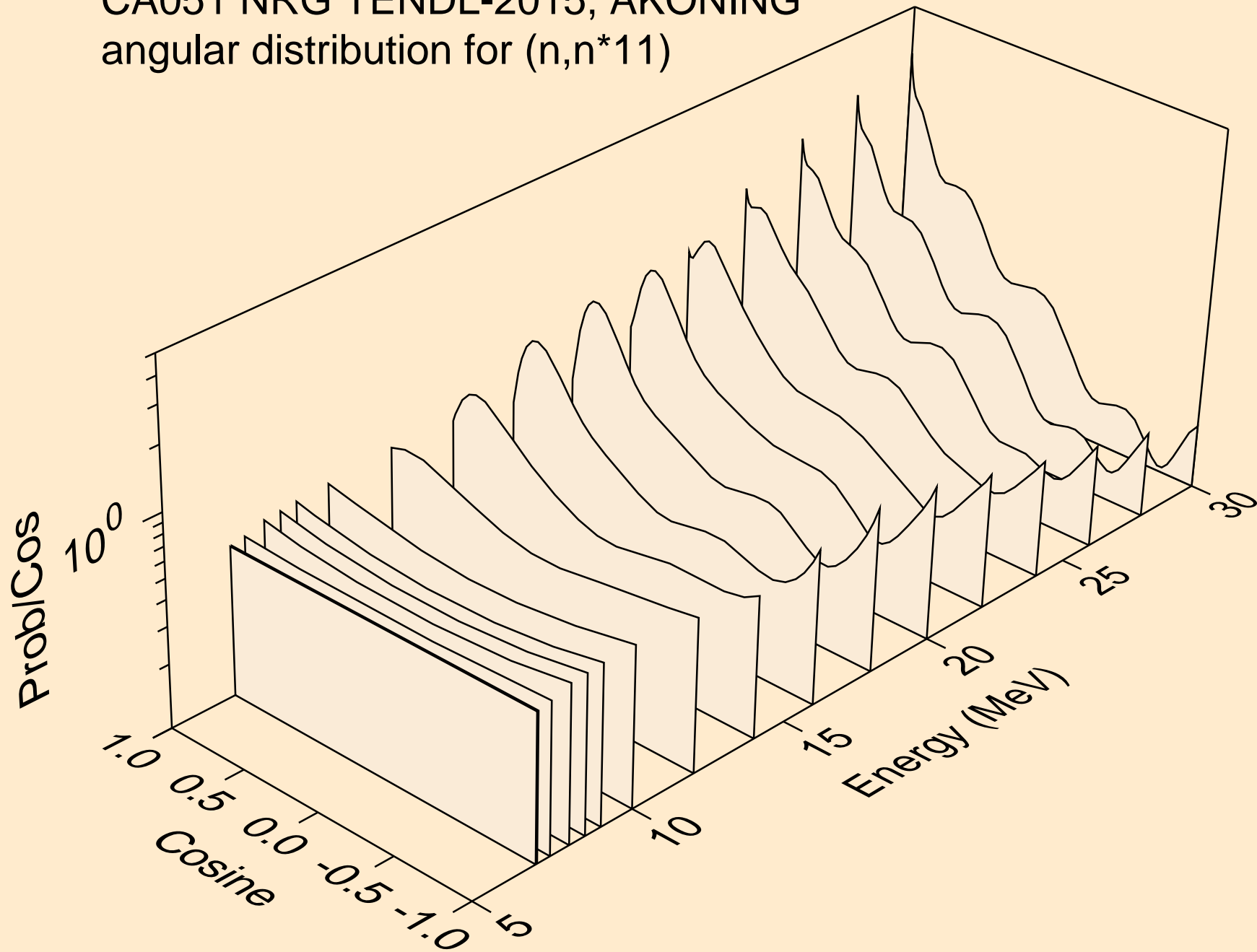
CA051 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



CA051 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)

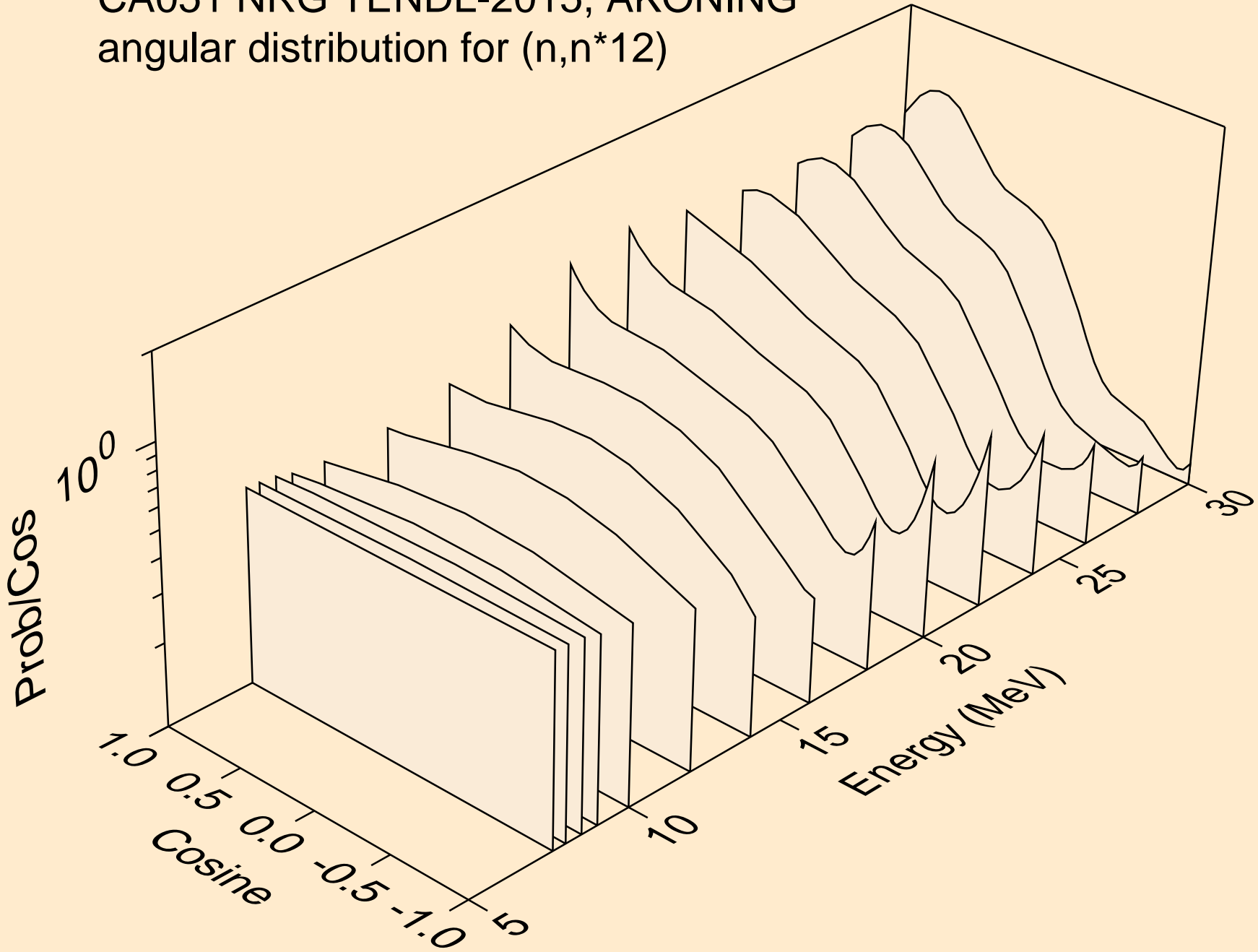


CA051 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

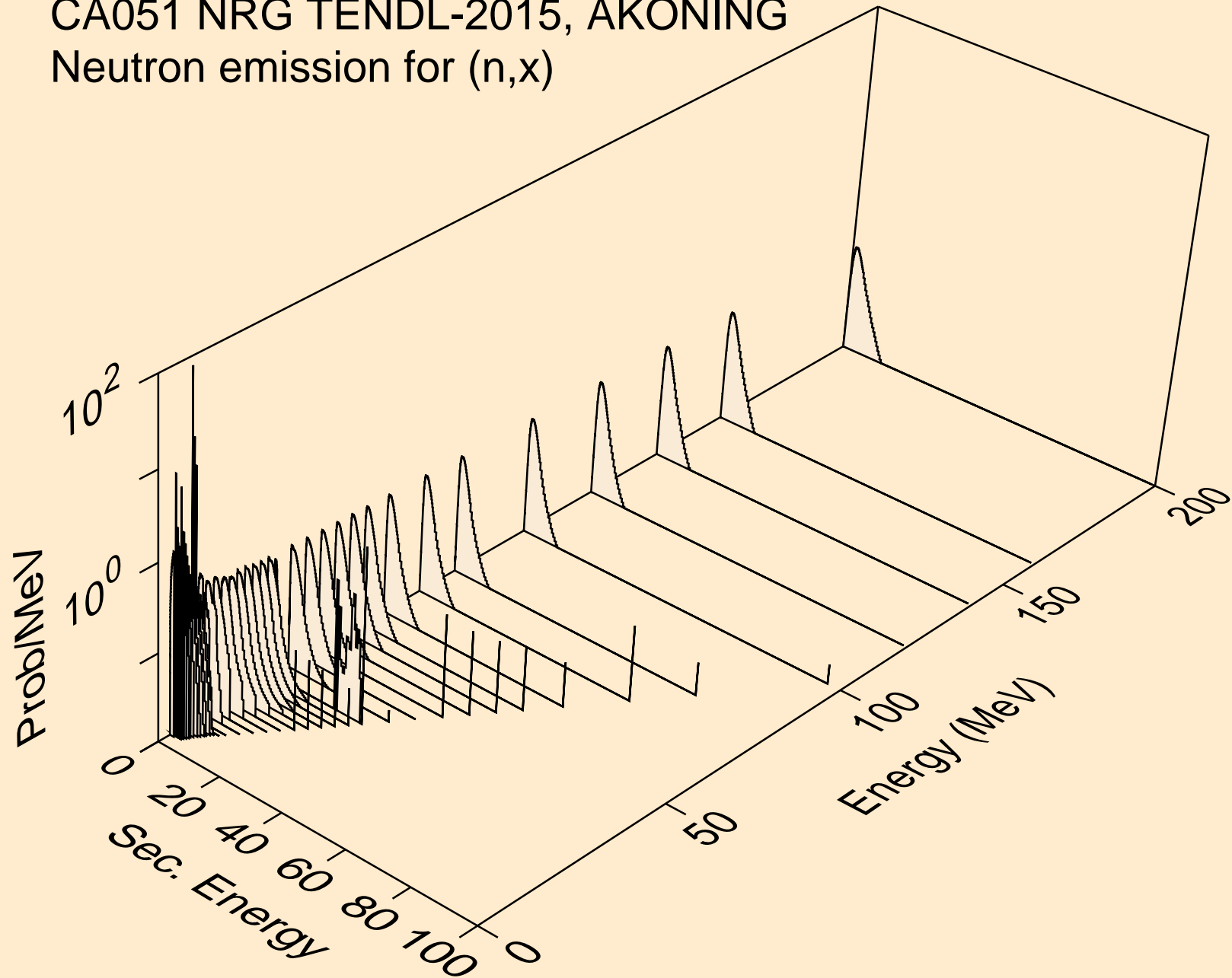




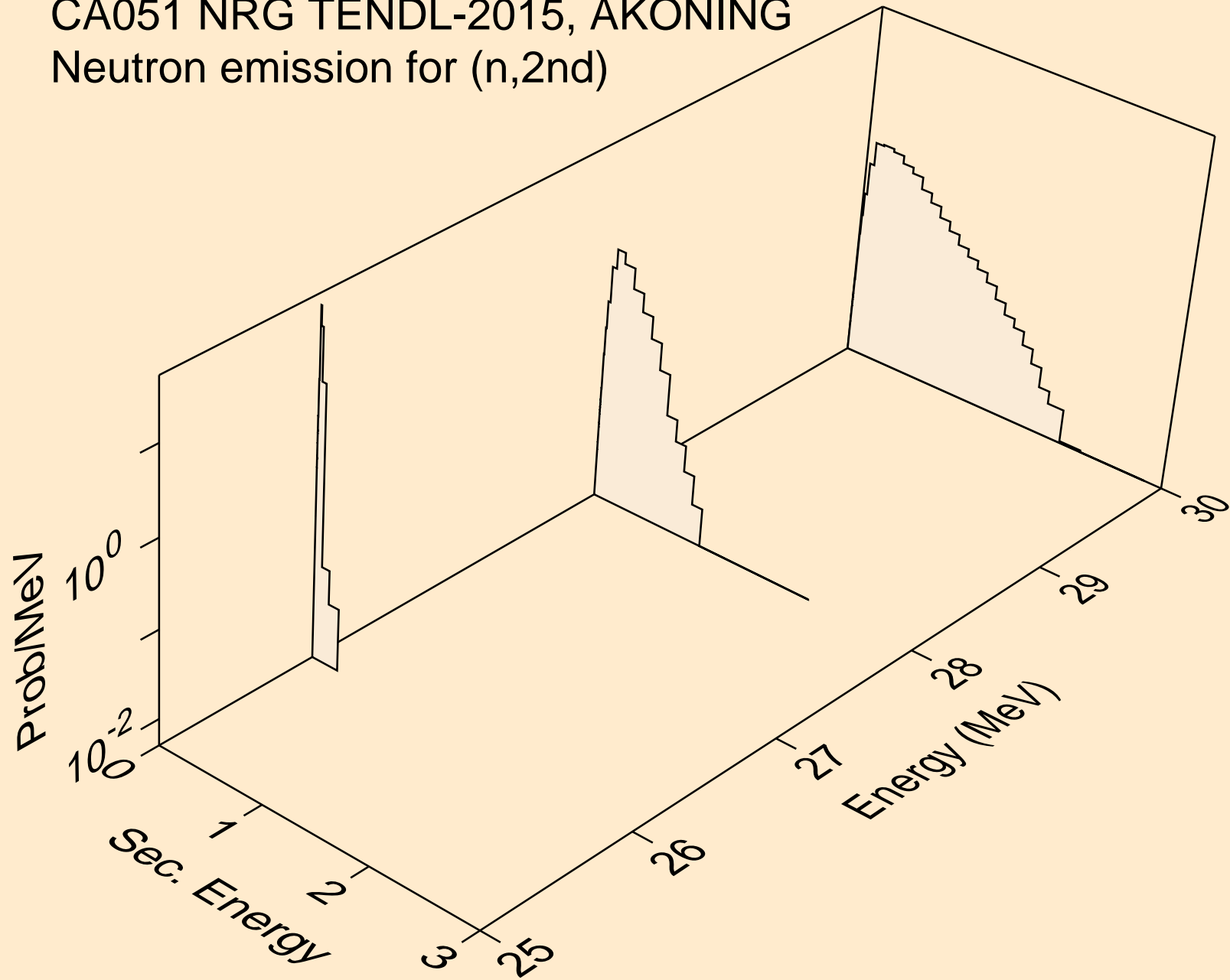
CA051 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



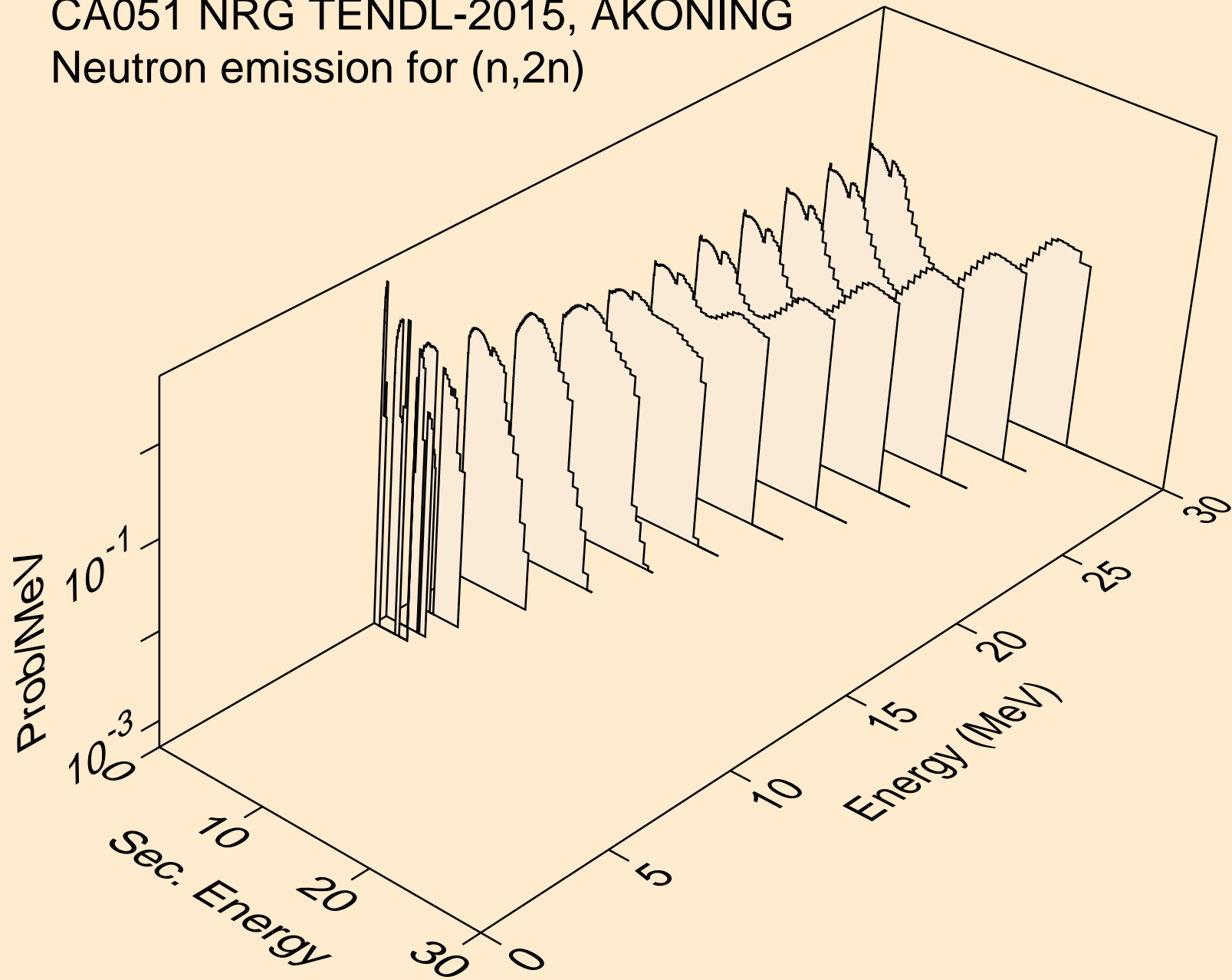
CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



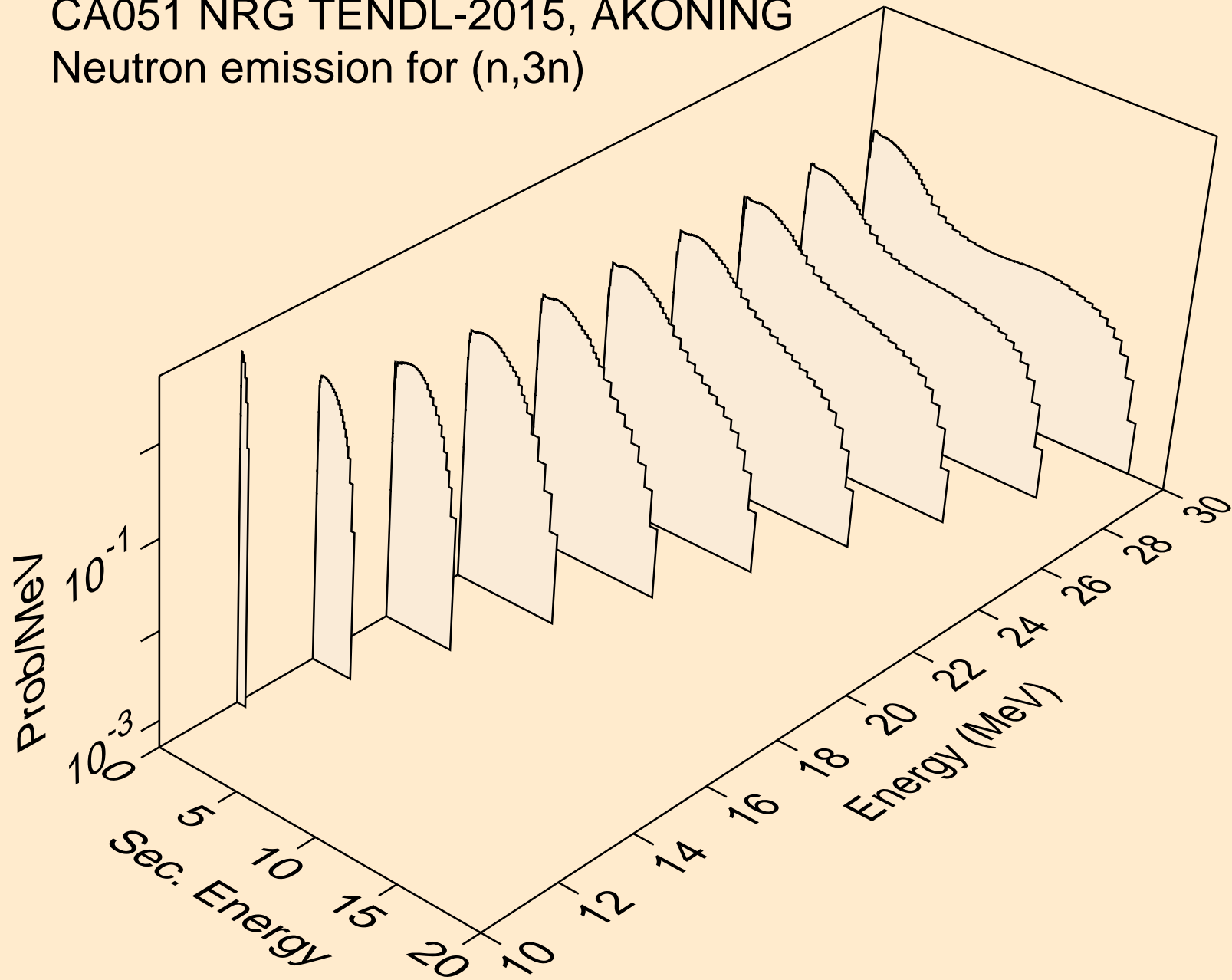
CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



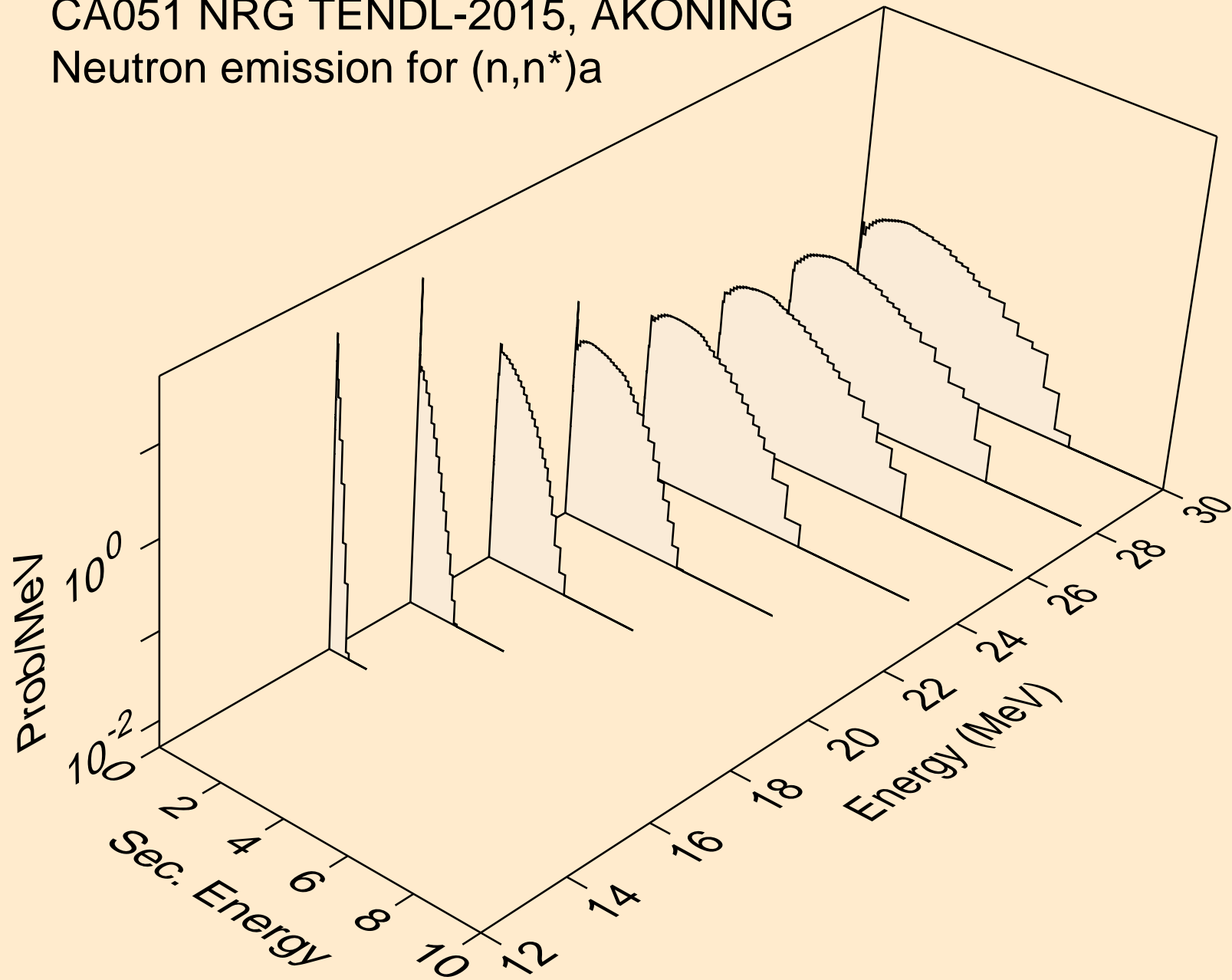
CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



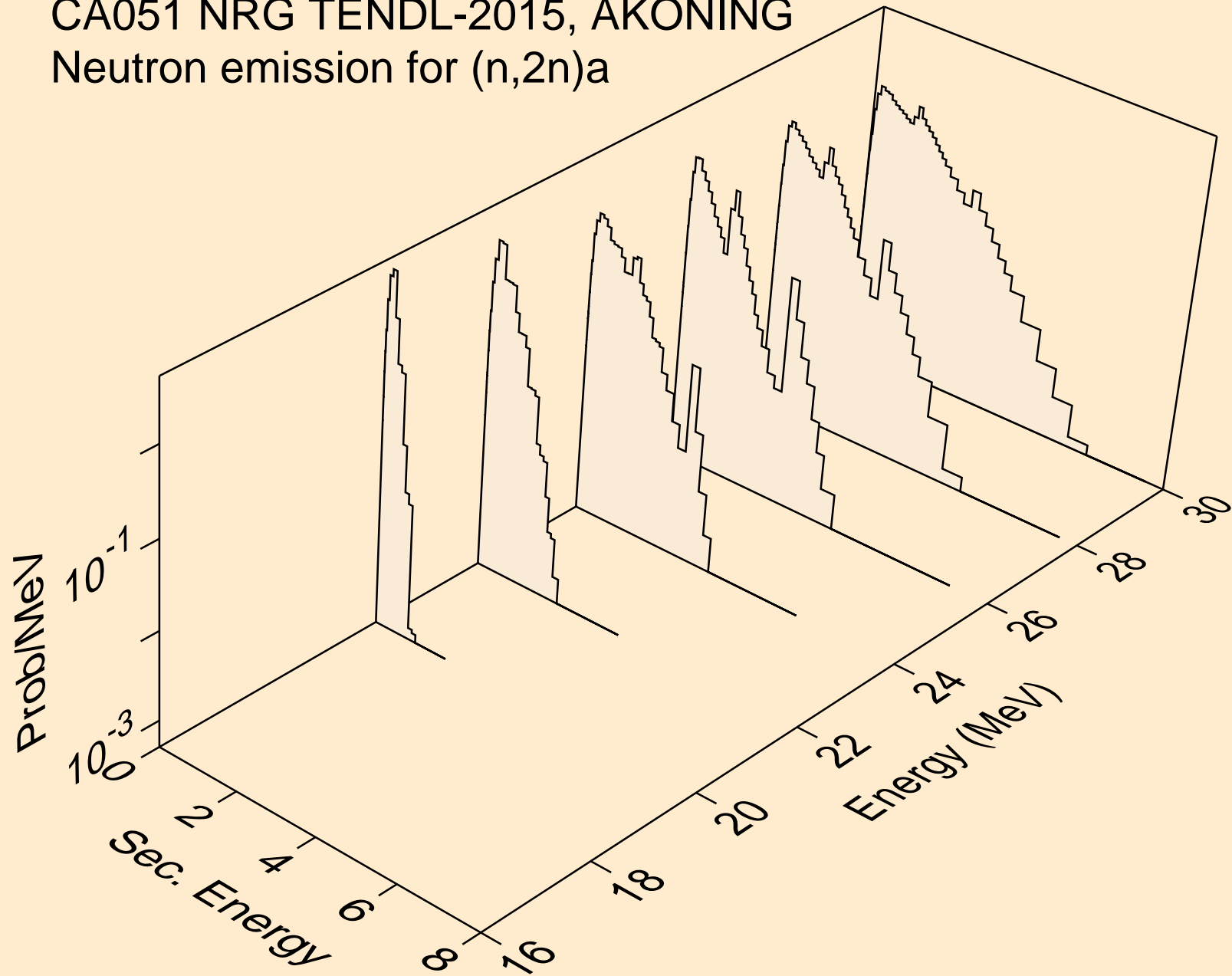
CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



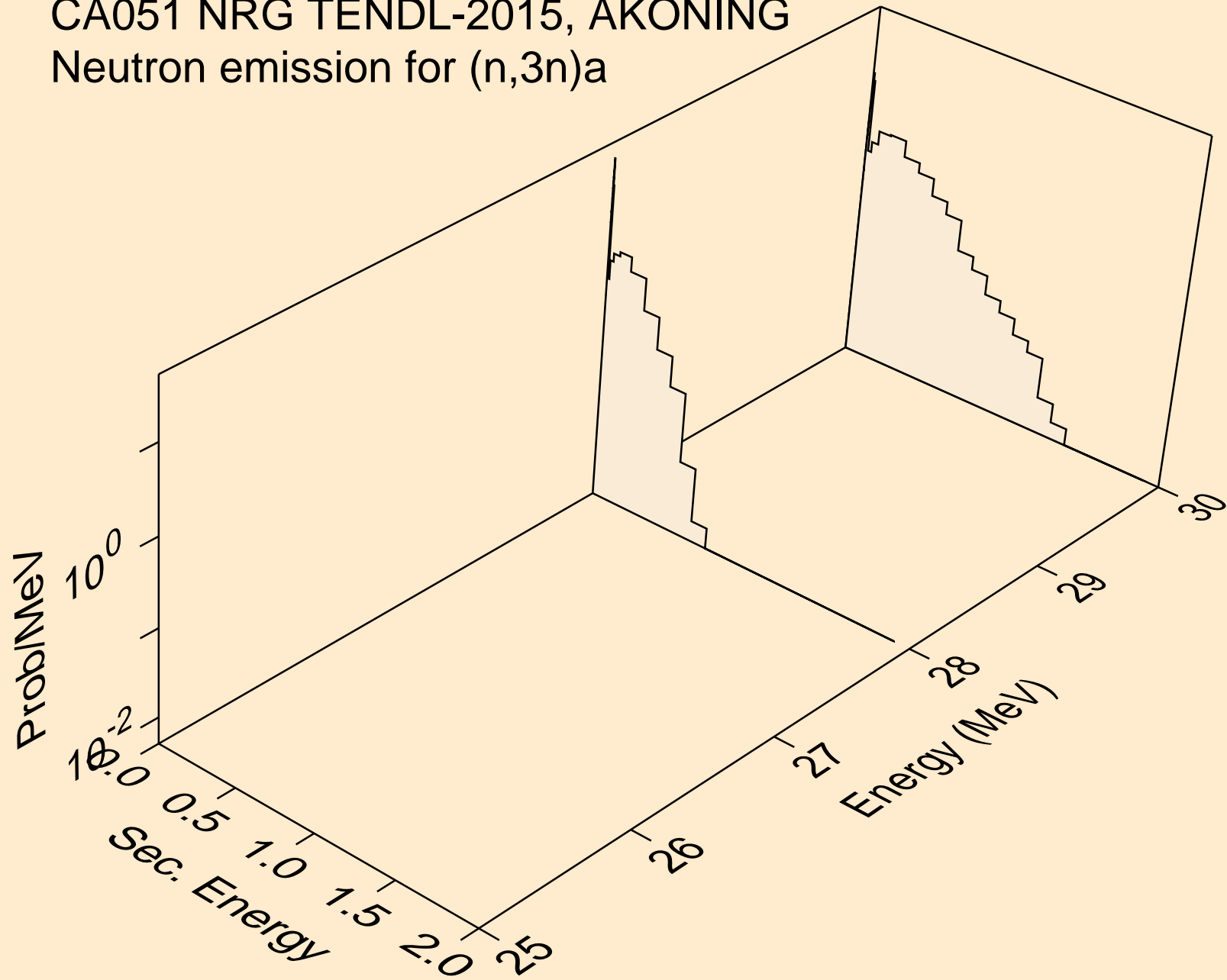
CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

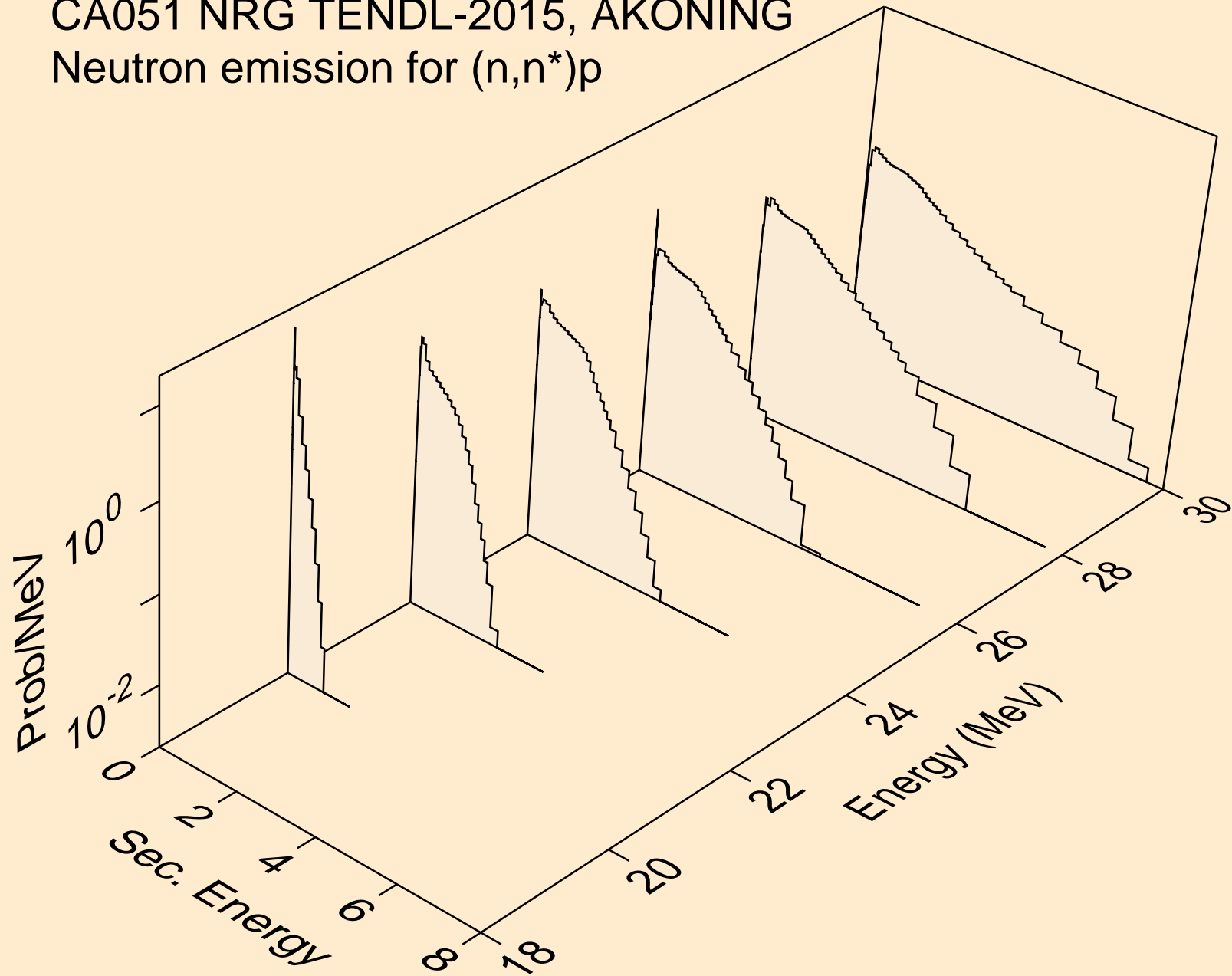


CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

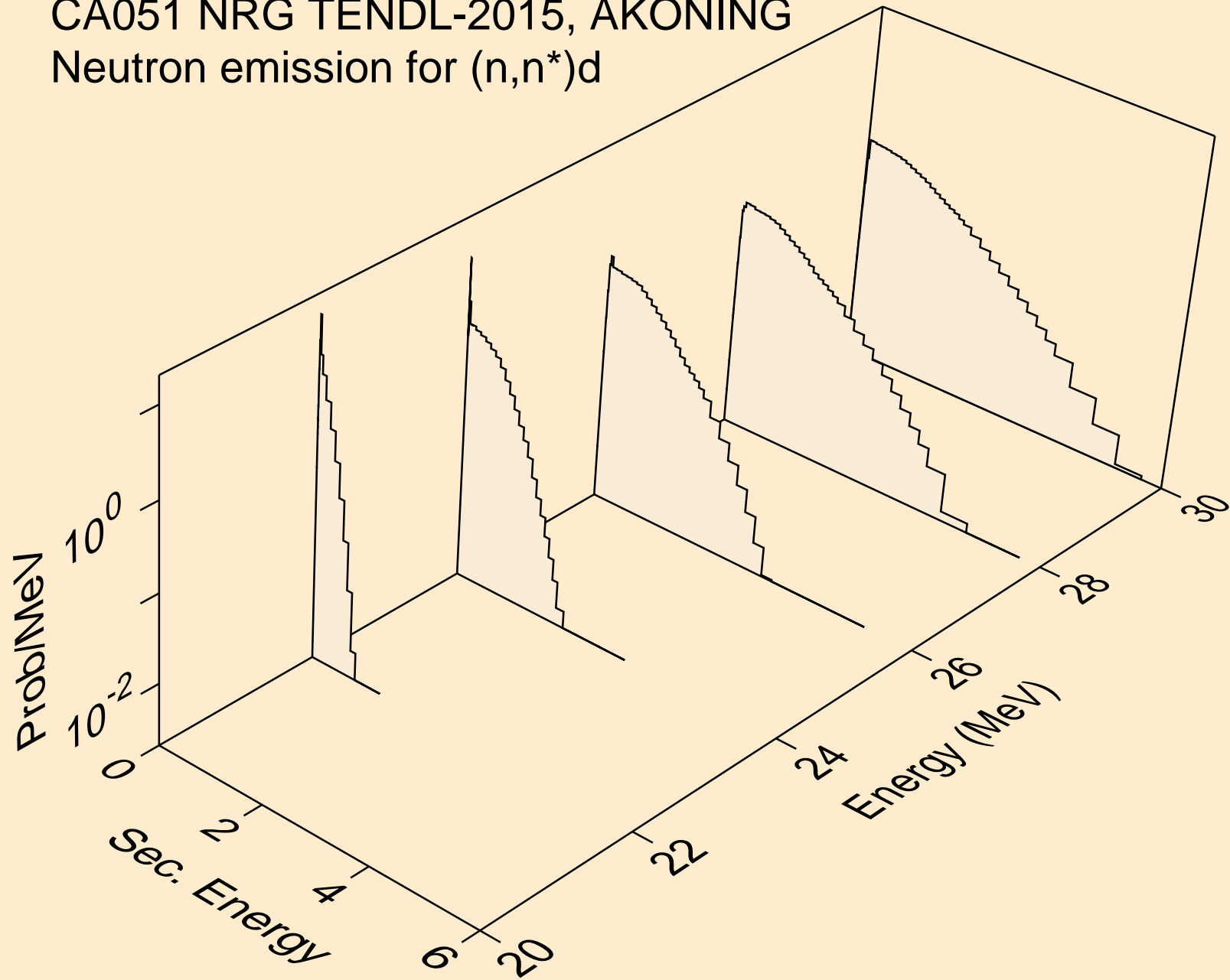




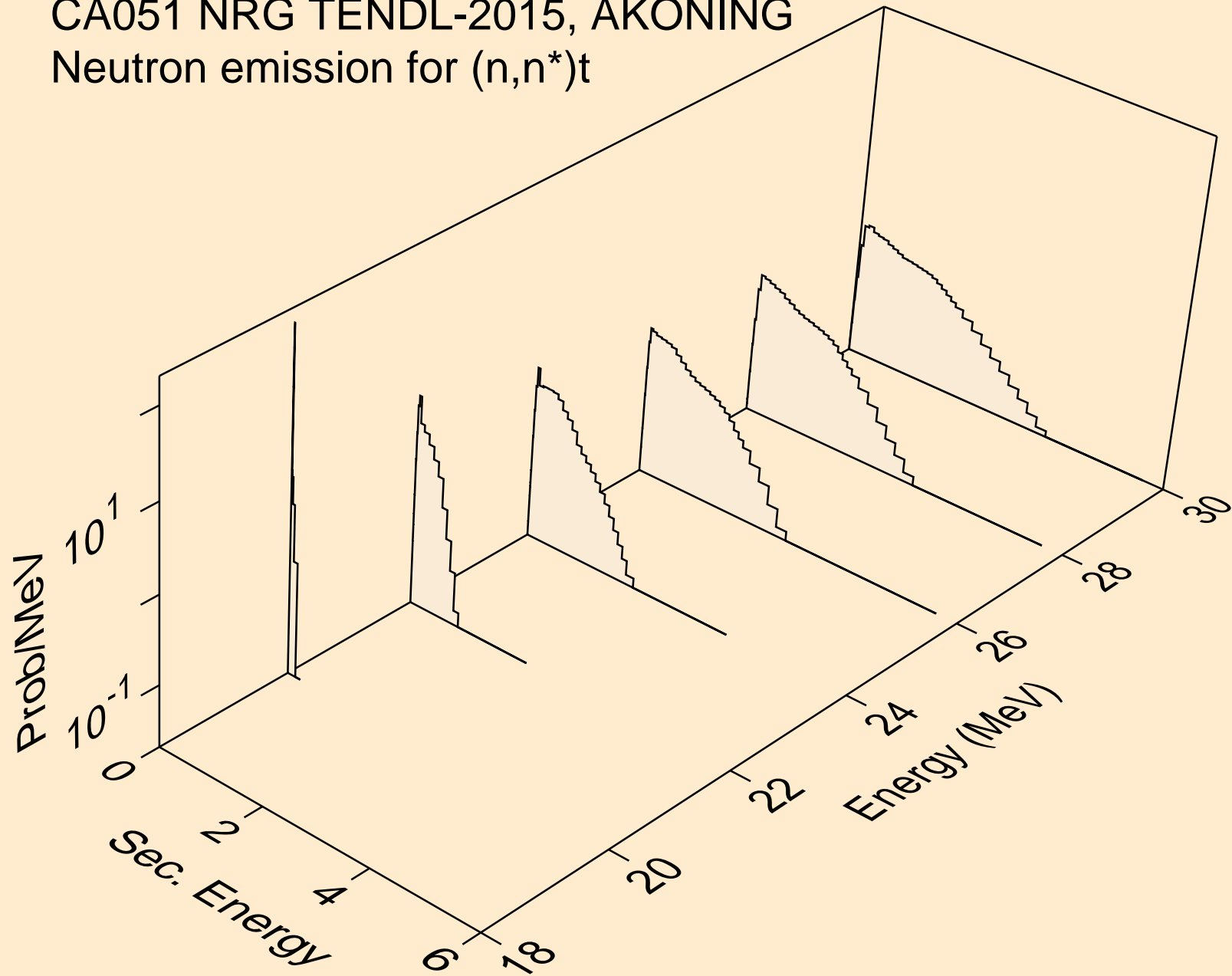
CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



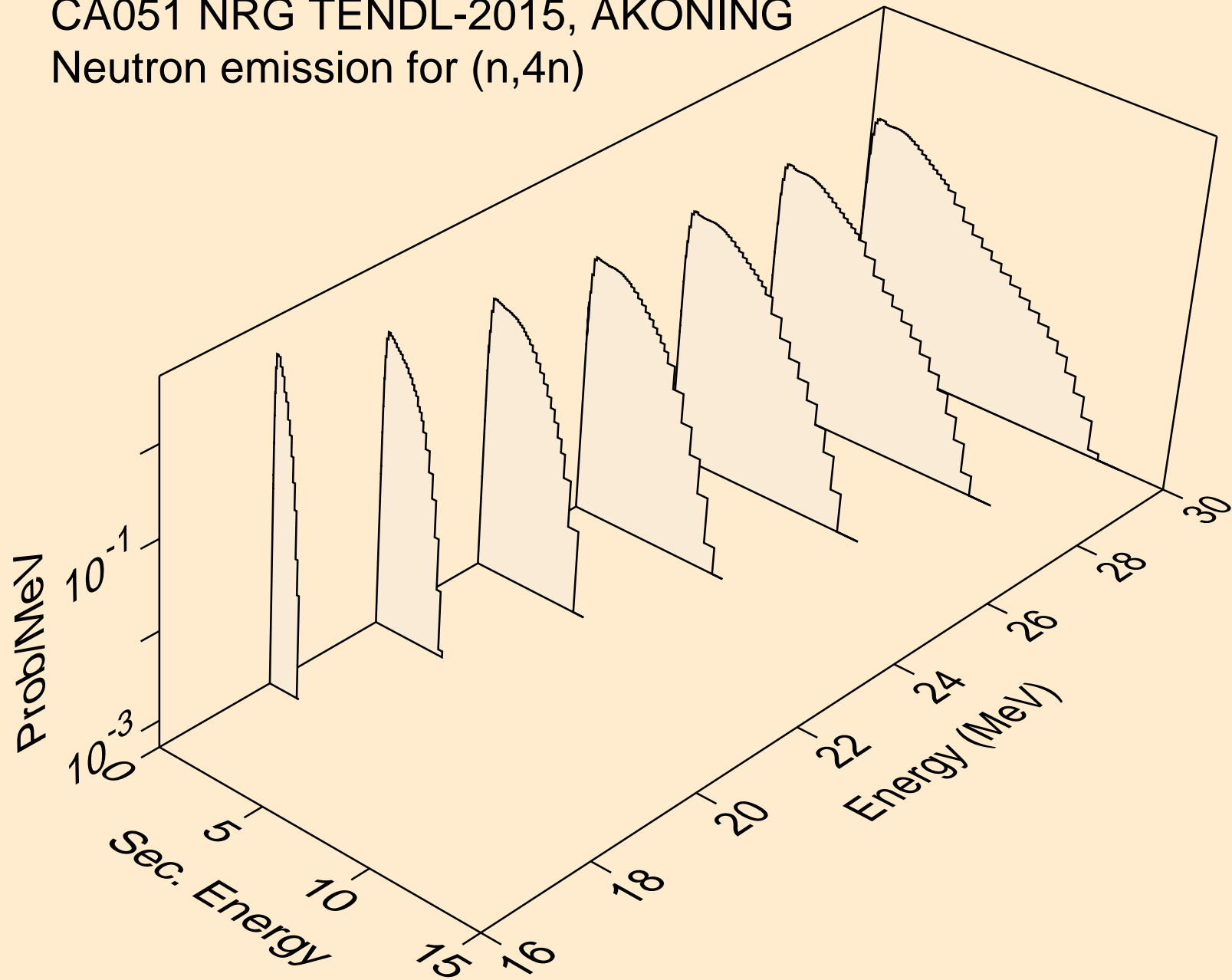
CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



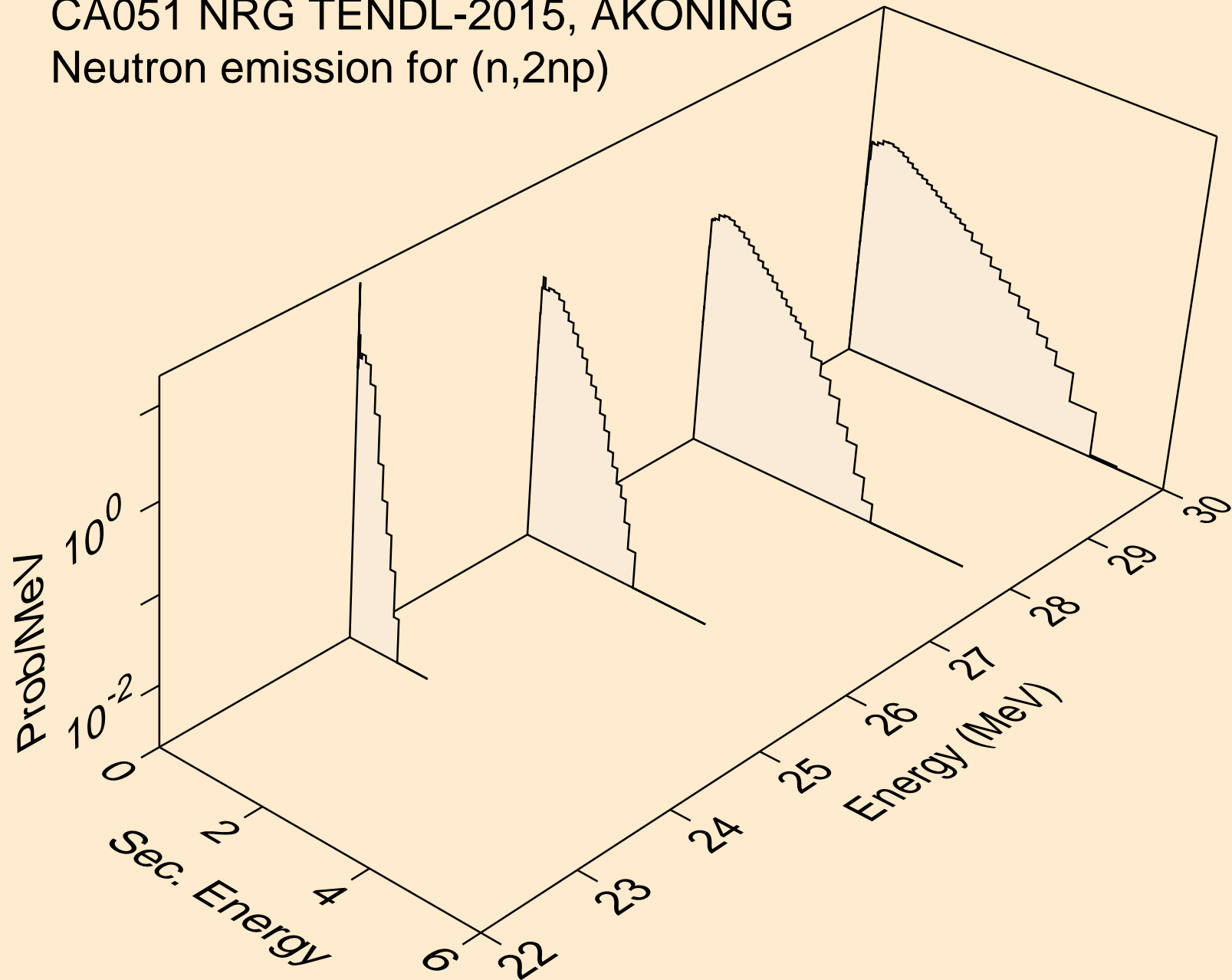
CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



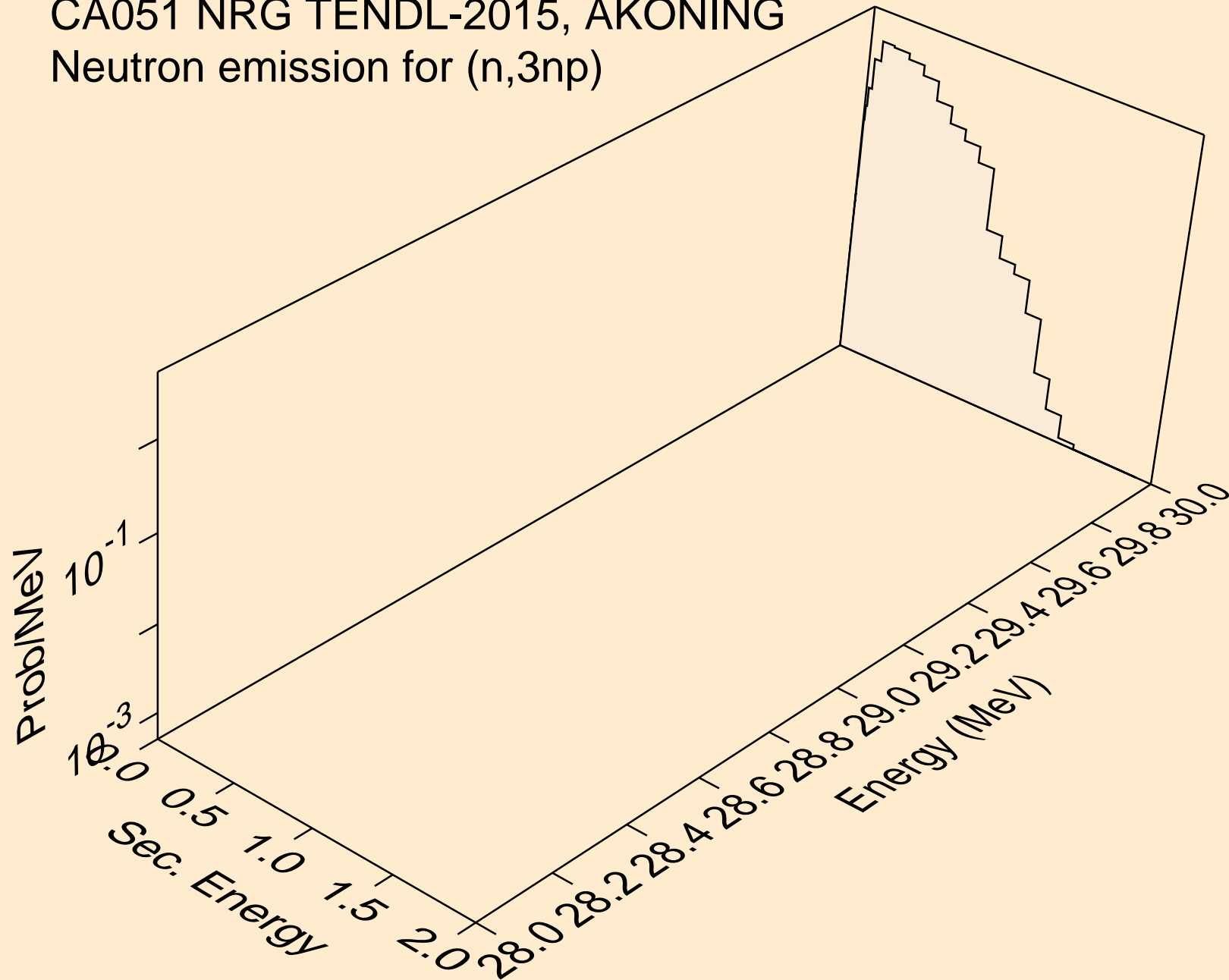
CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



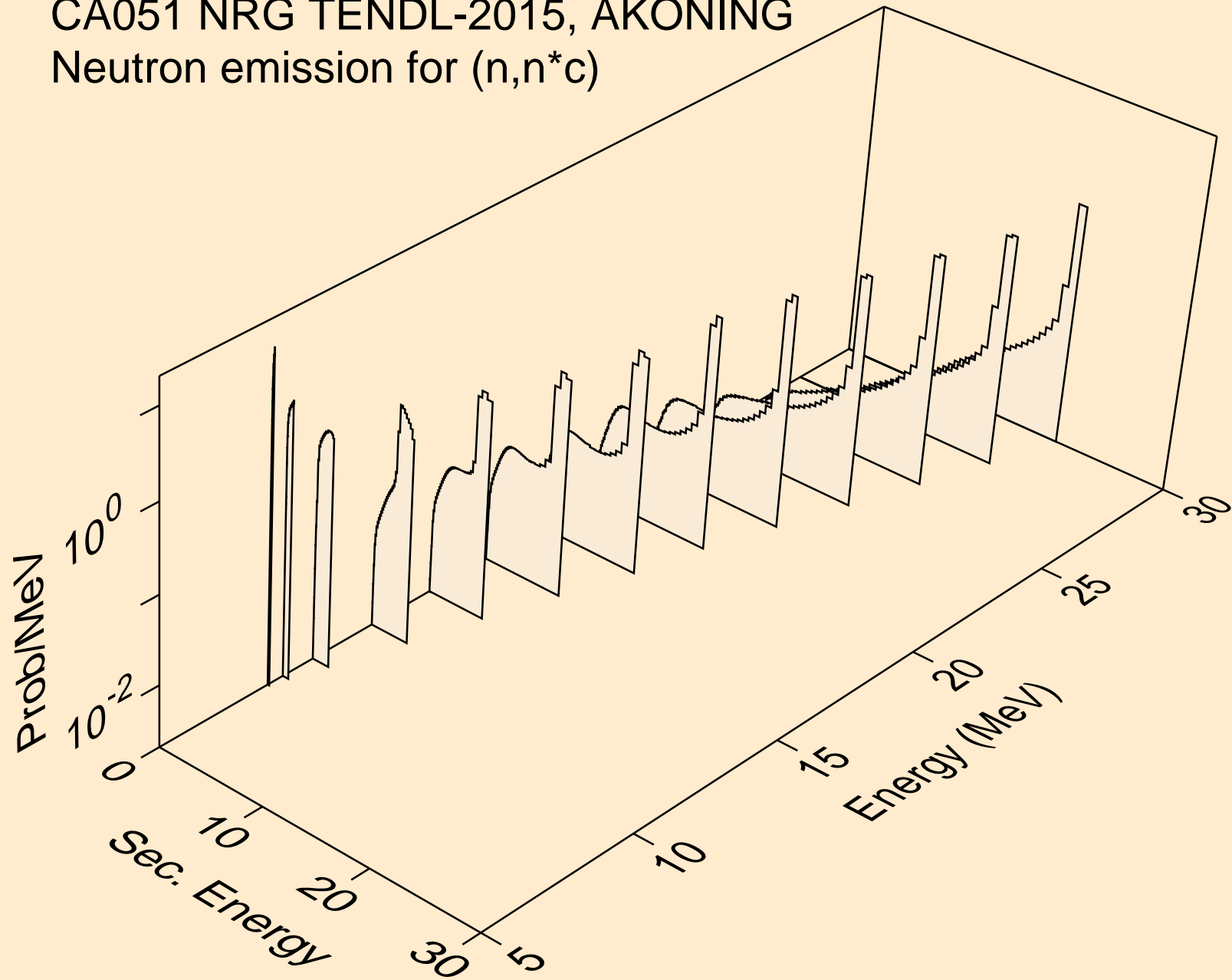
CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



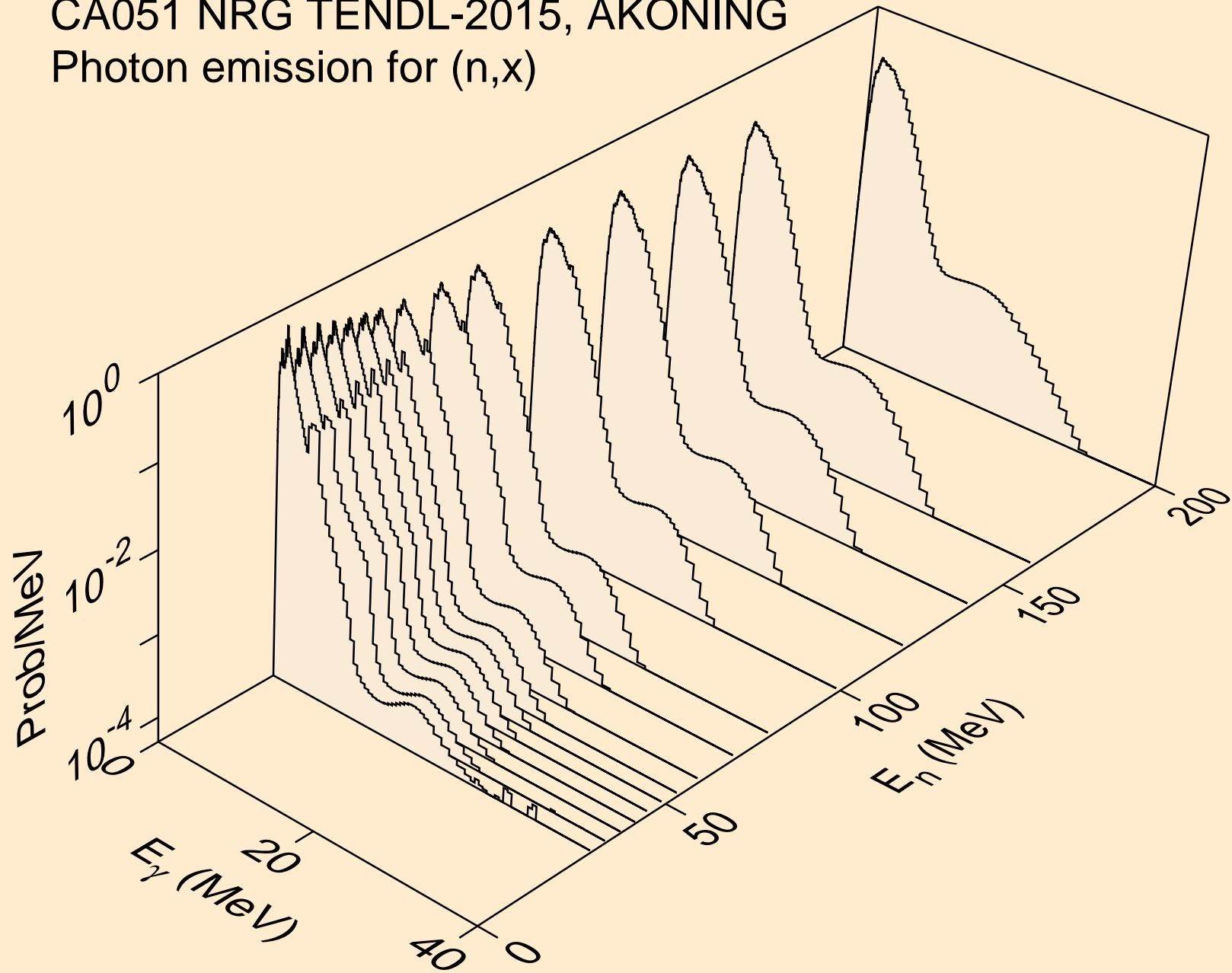
CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



CA051 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

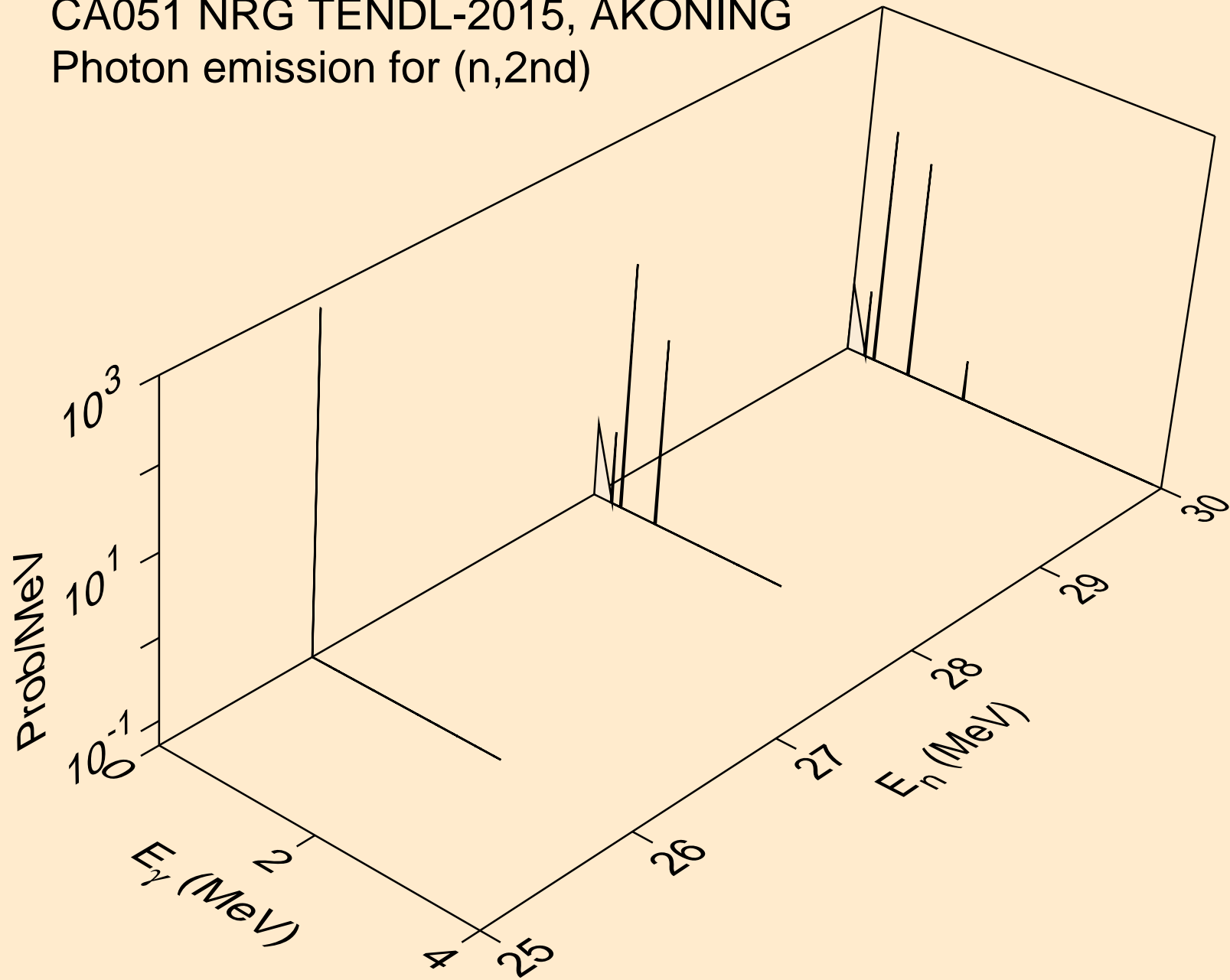


CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

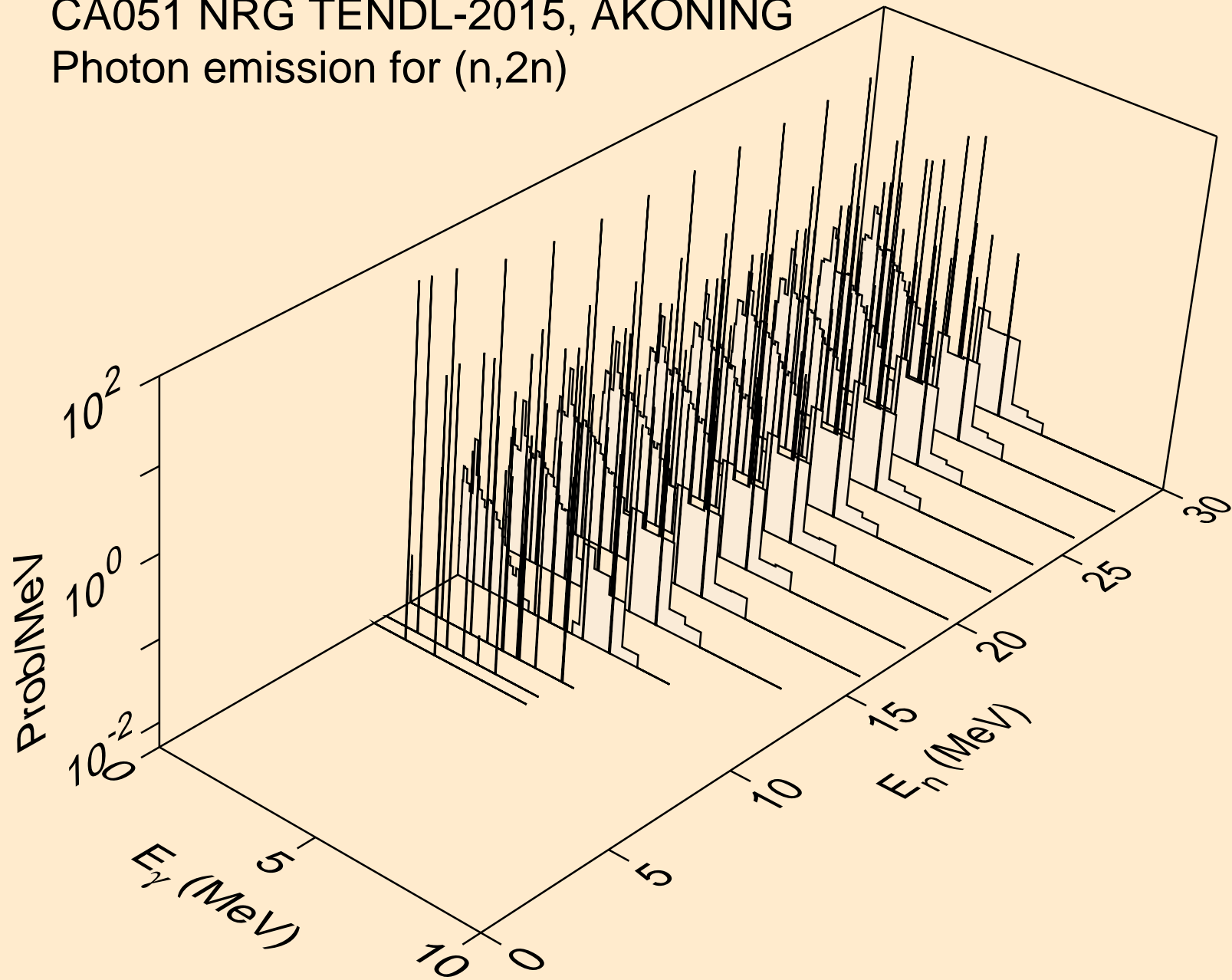




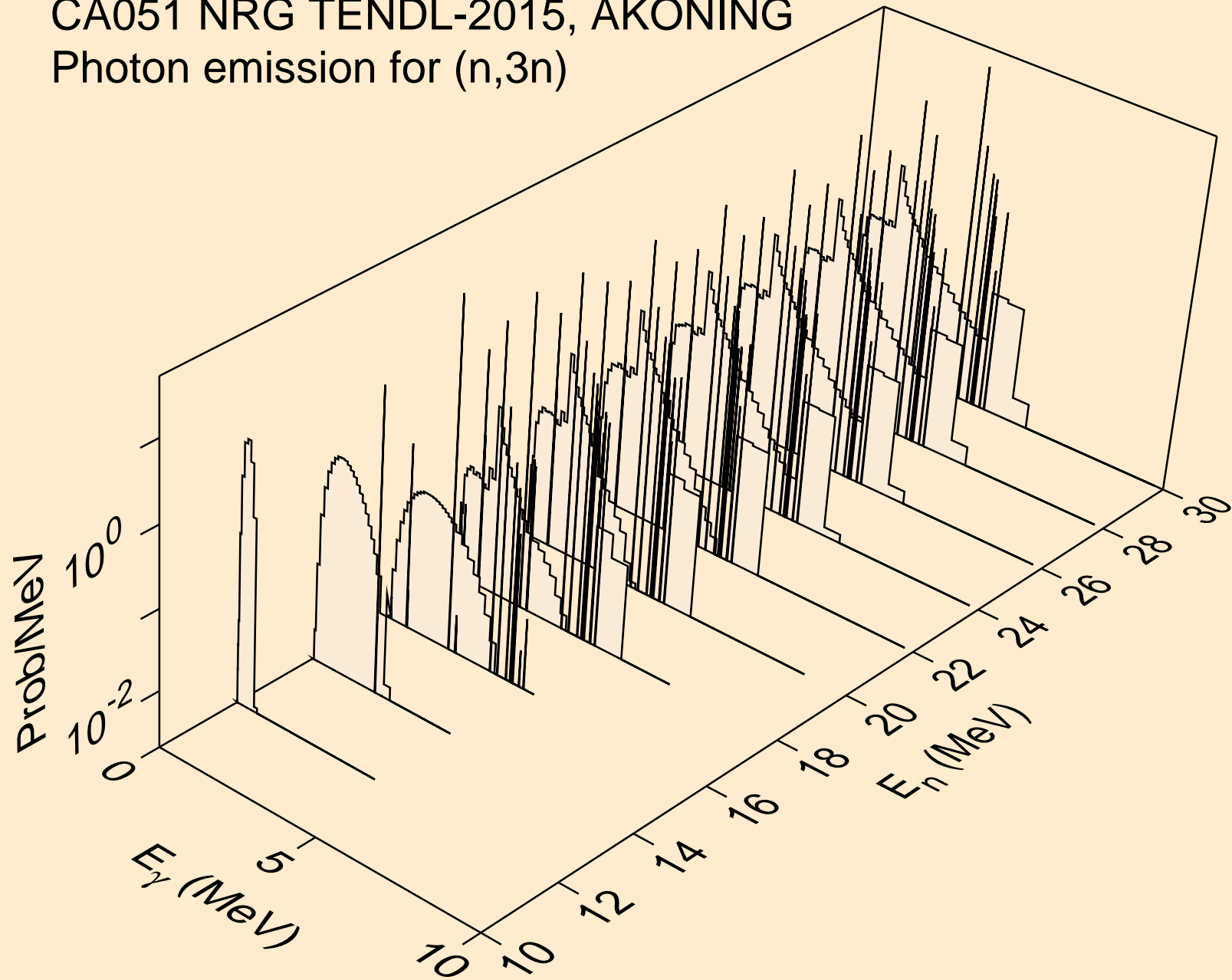
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



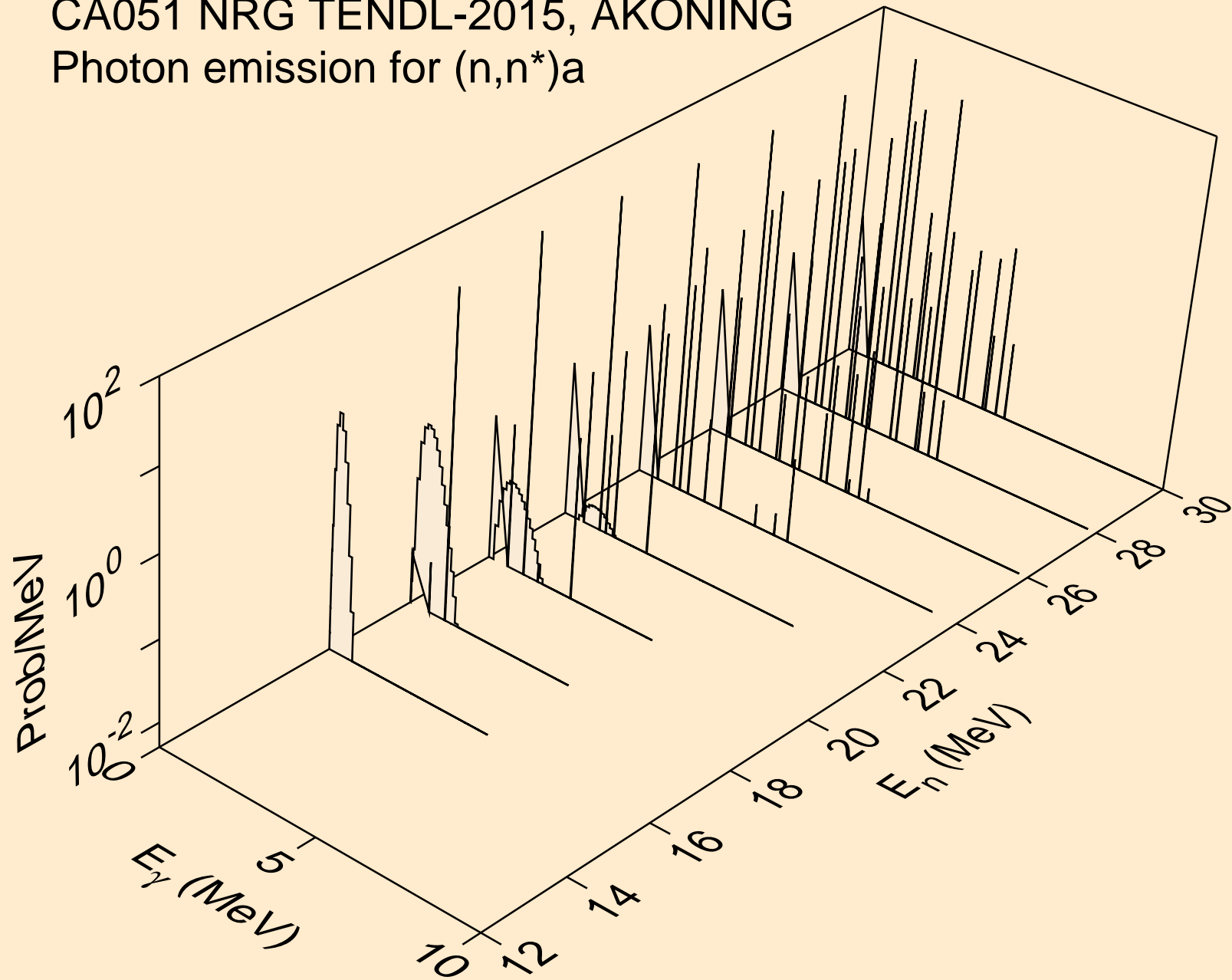
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



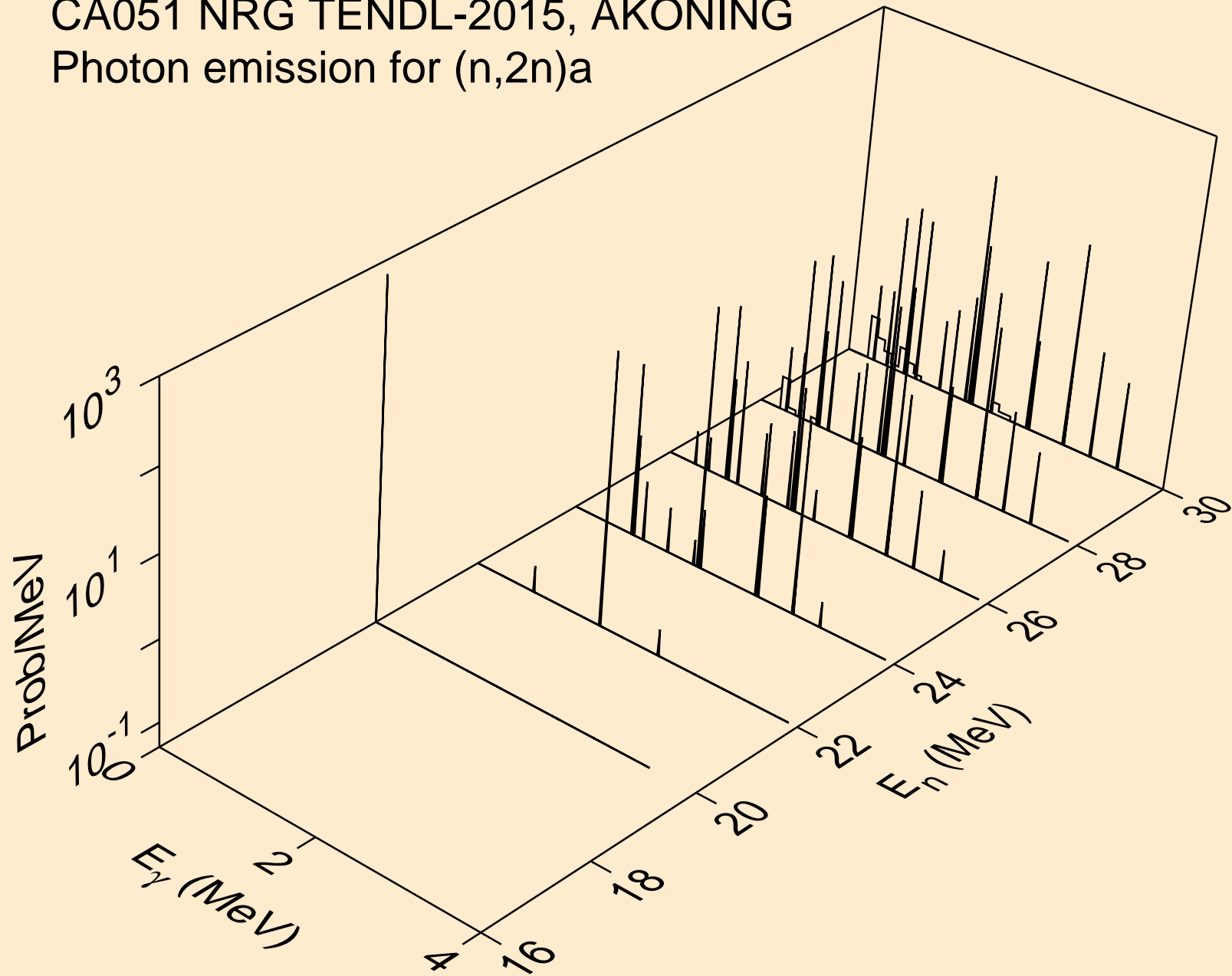
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



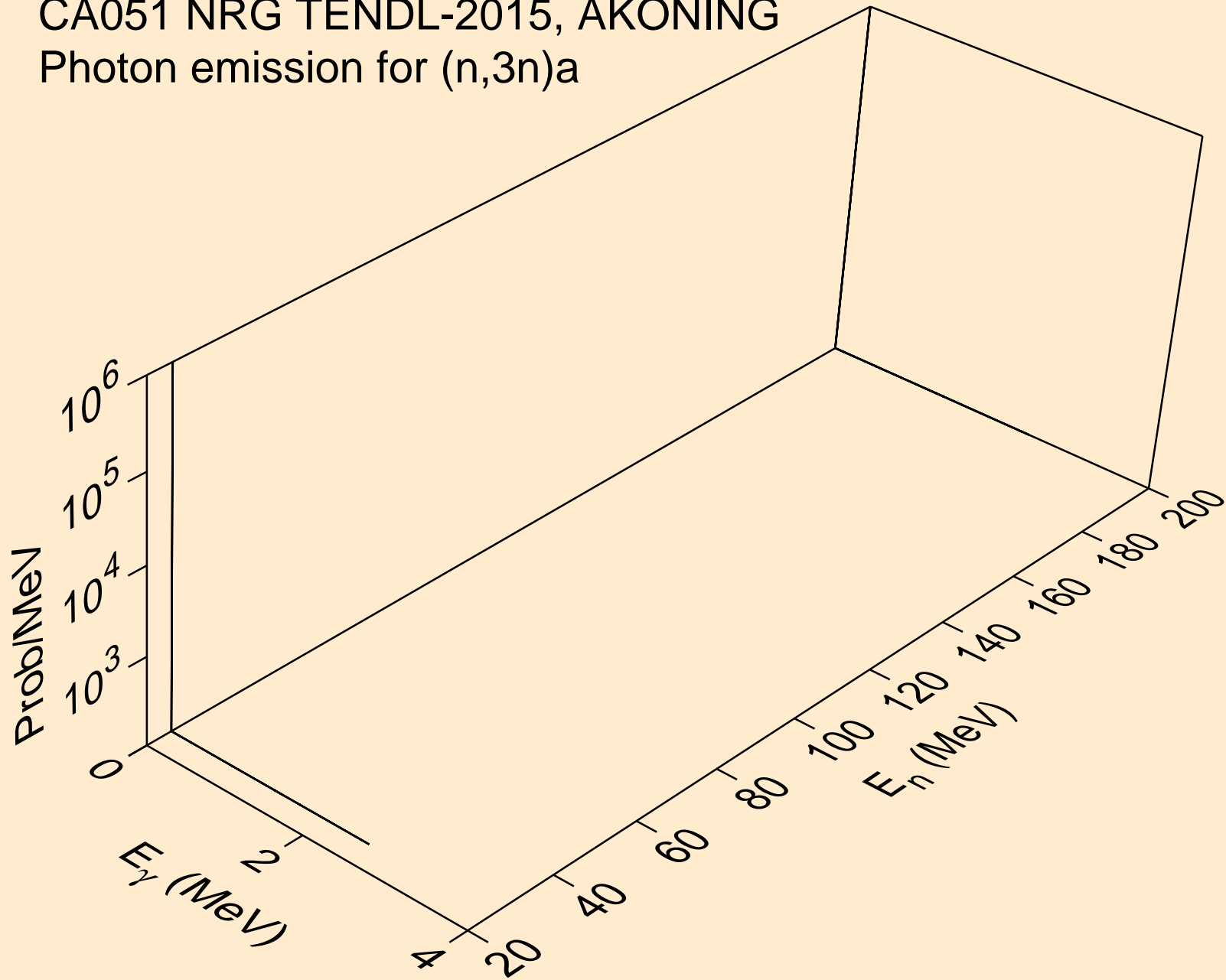
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



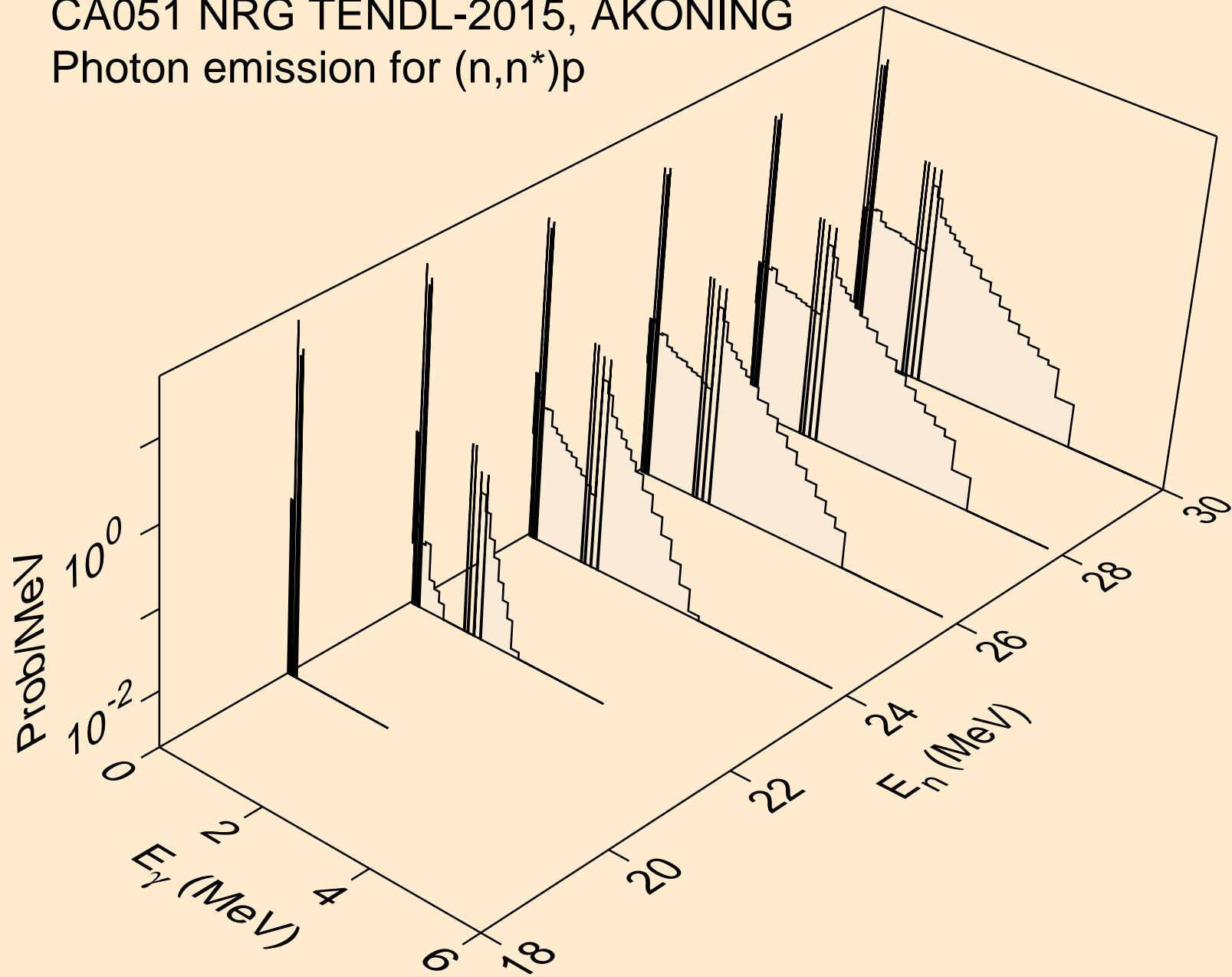
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



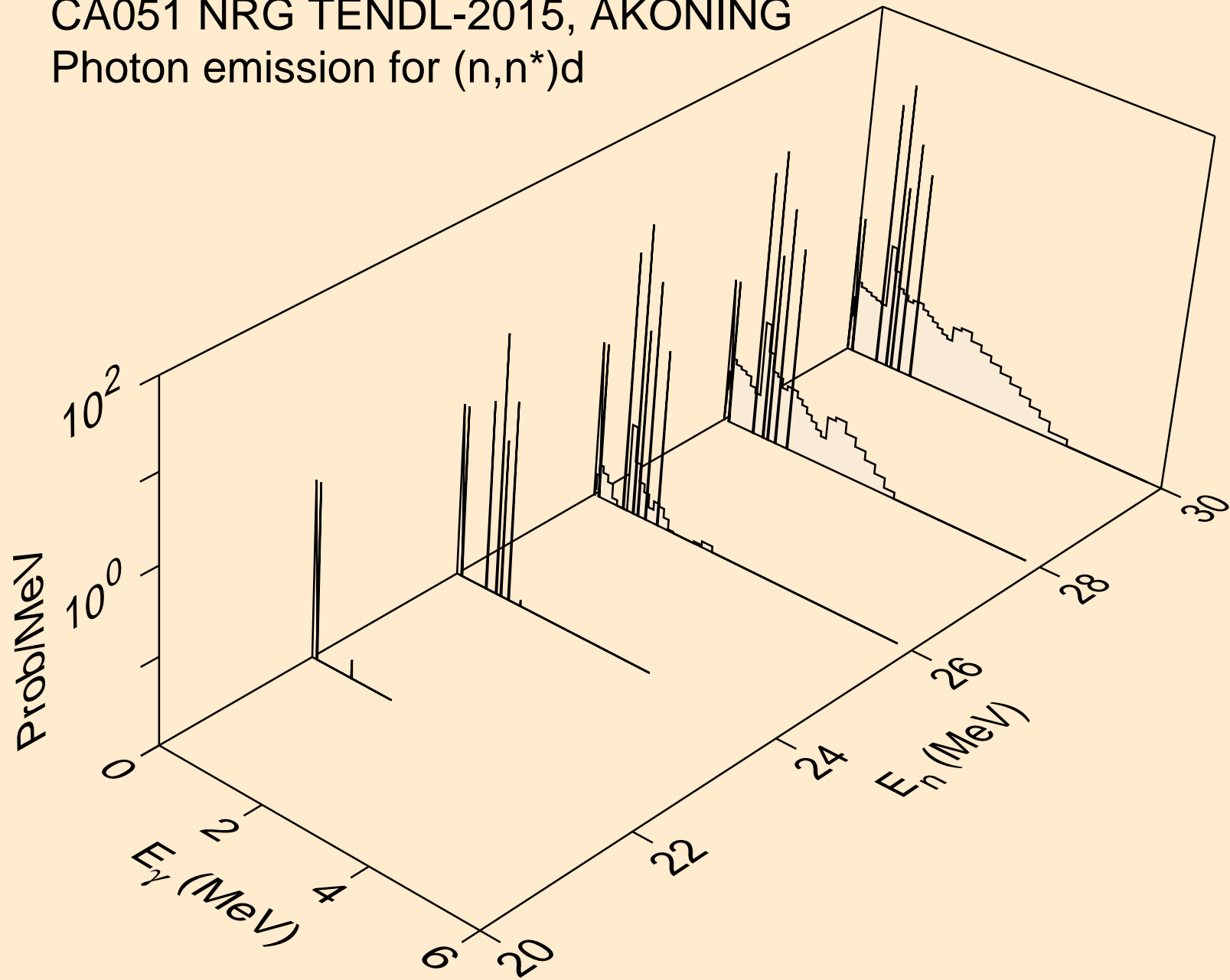
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

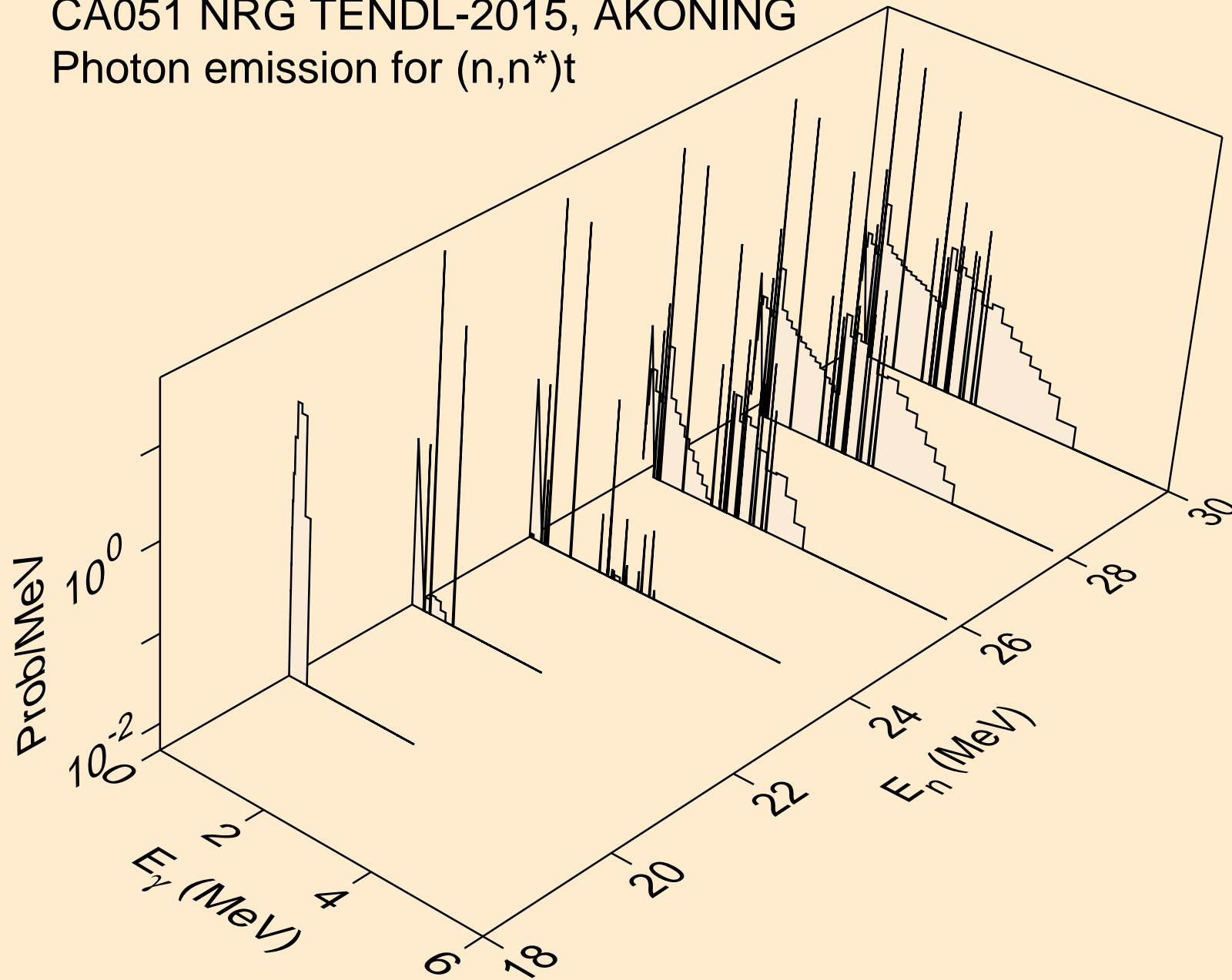


CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

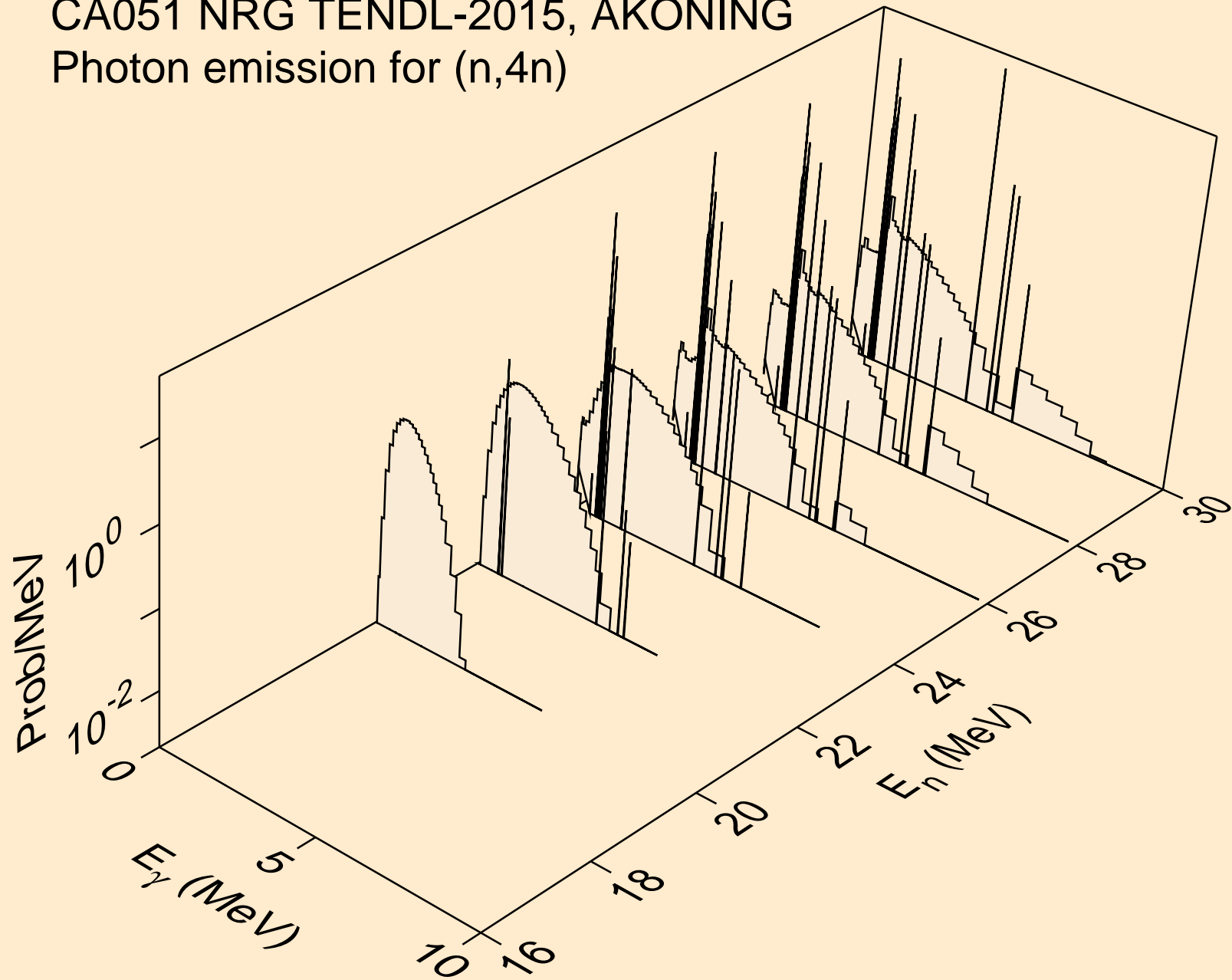




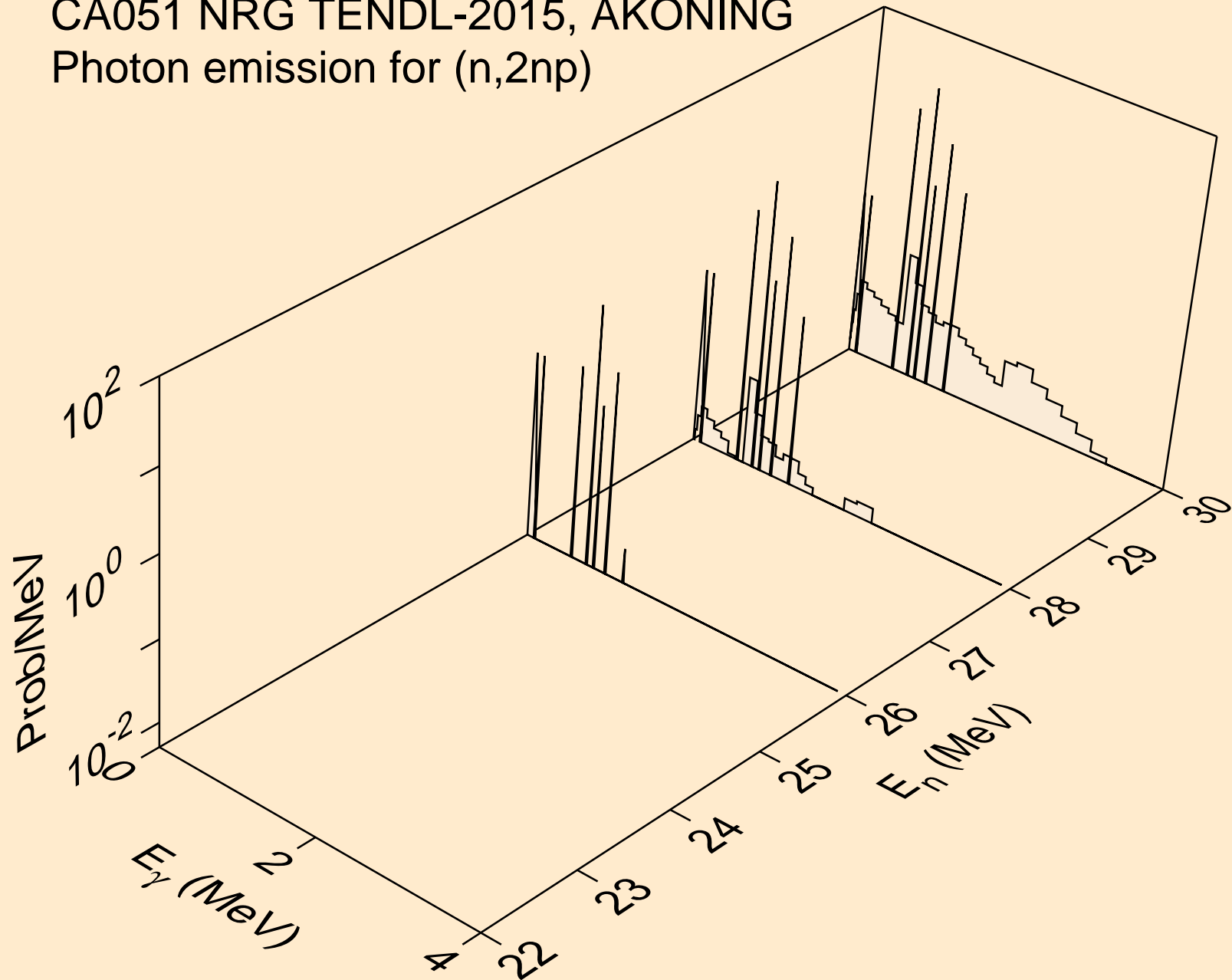
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



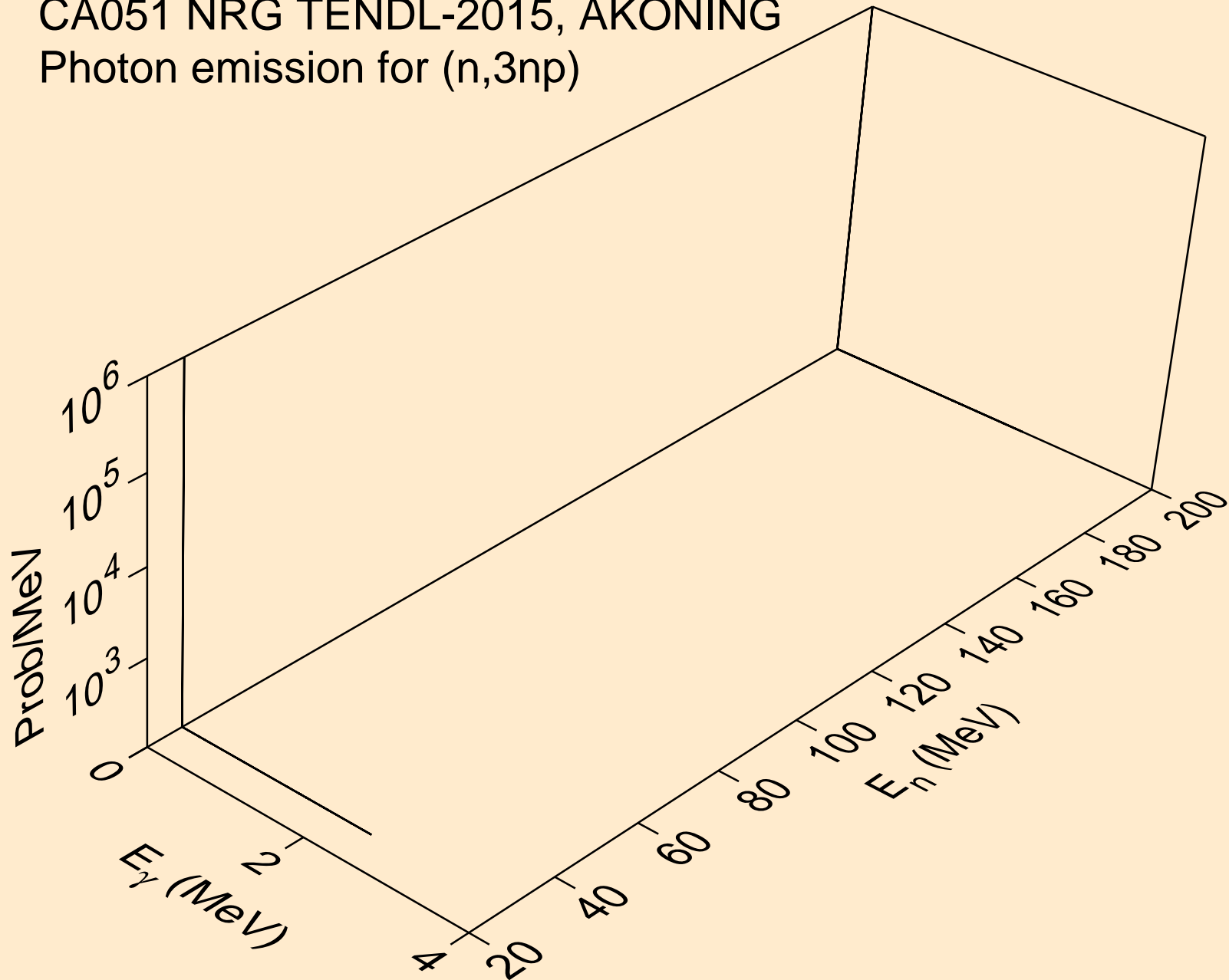
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



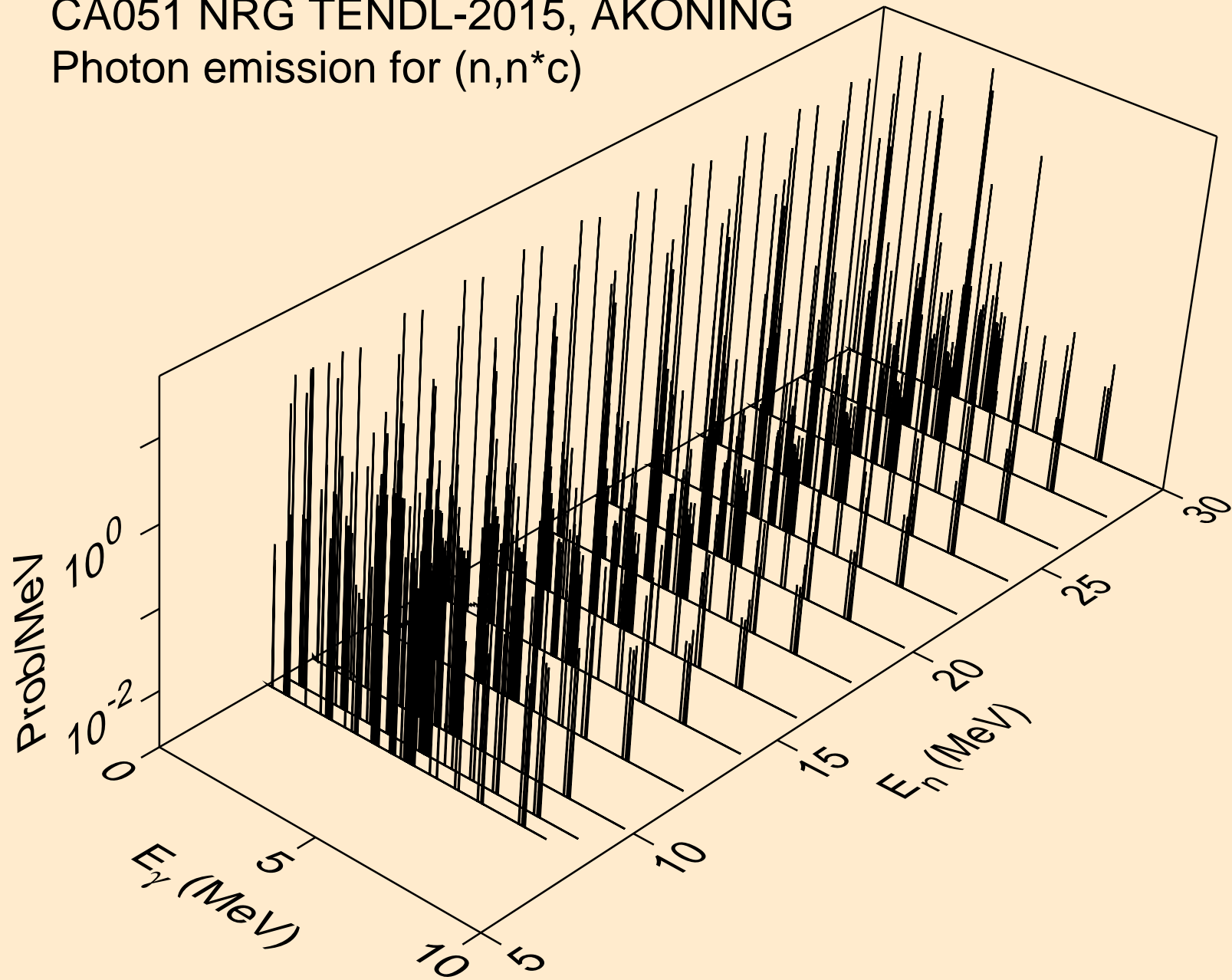
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



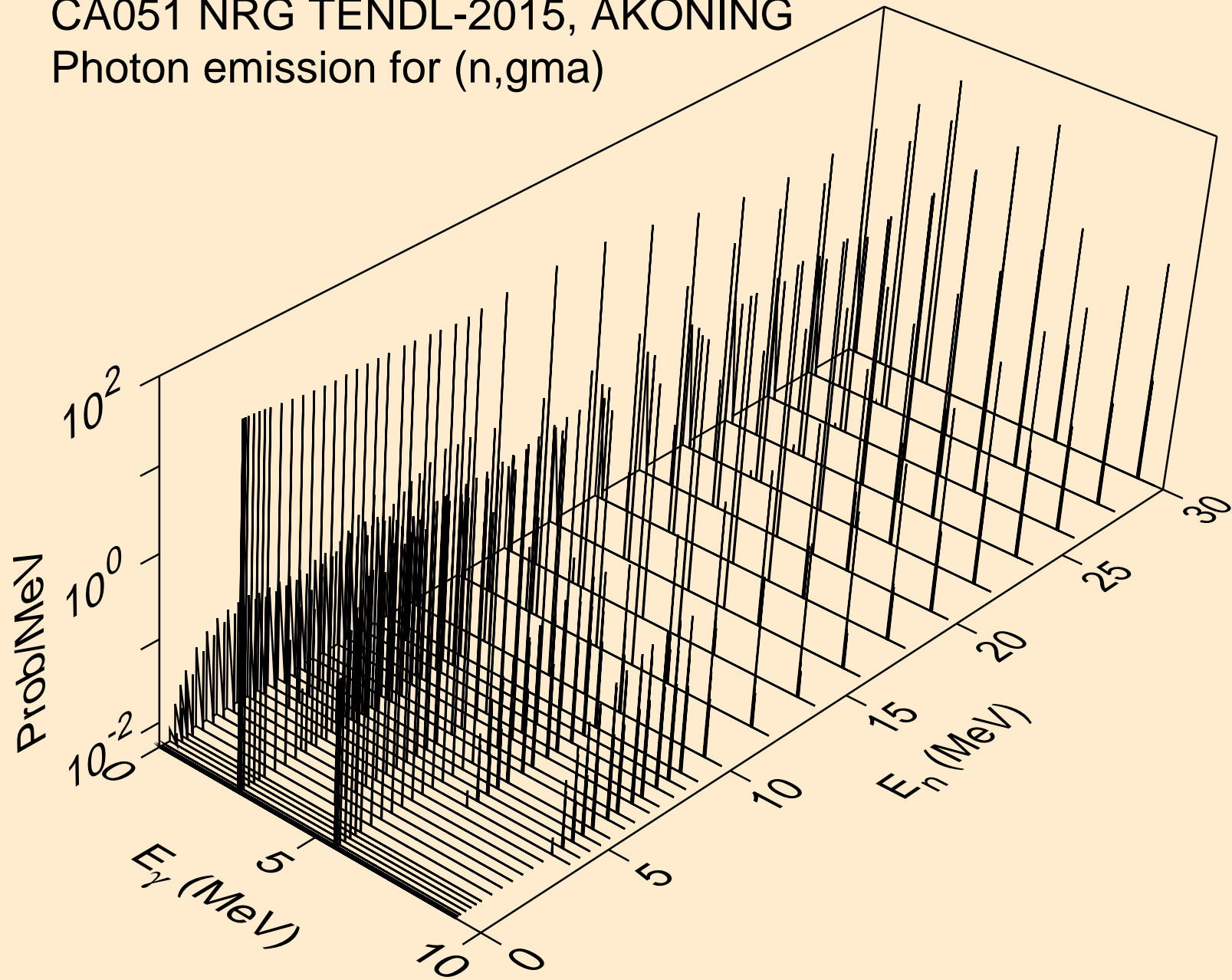
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



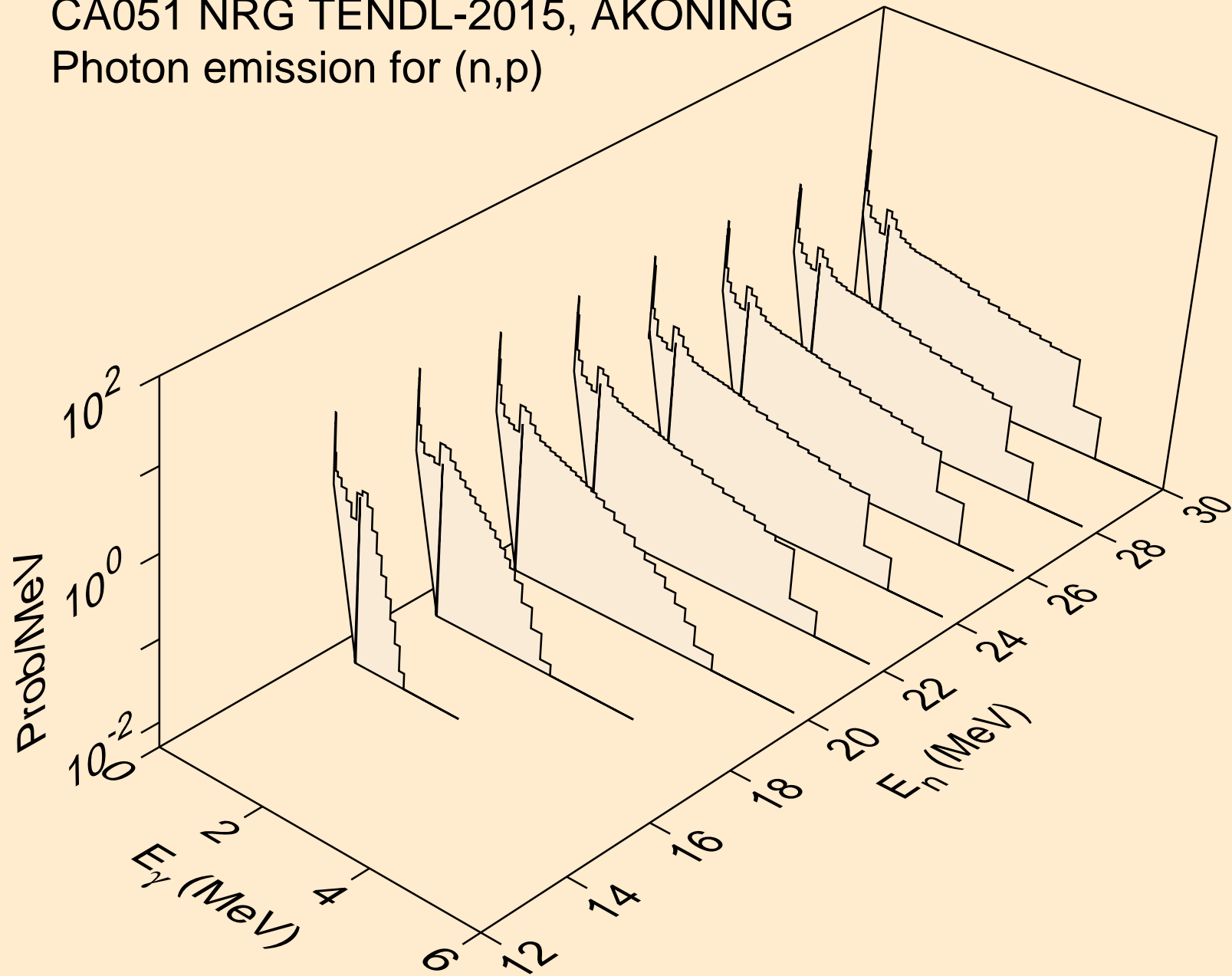
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



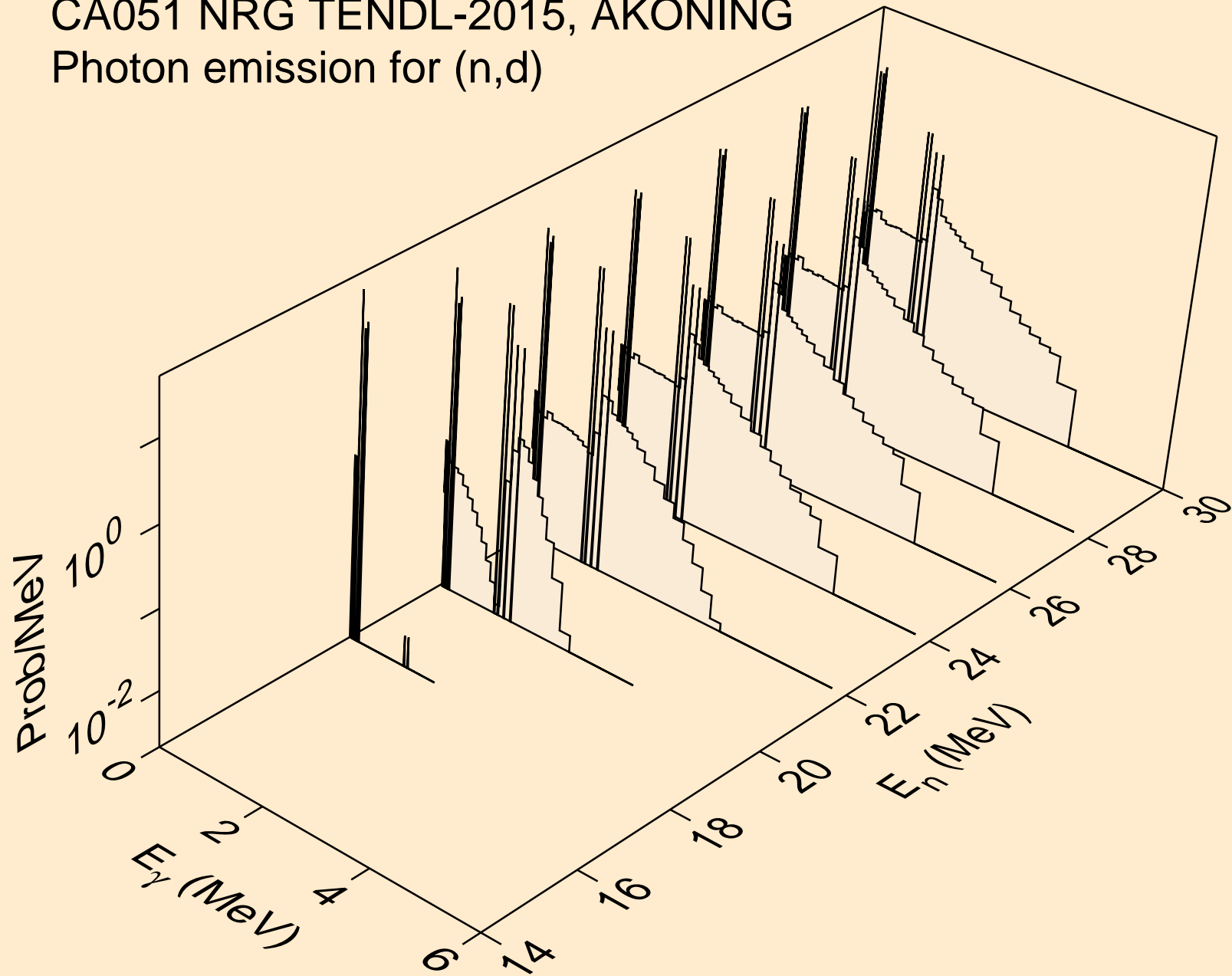
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

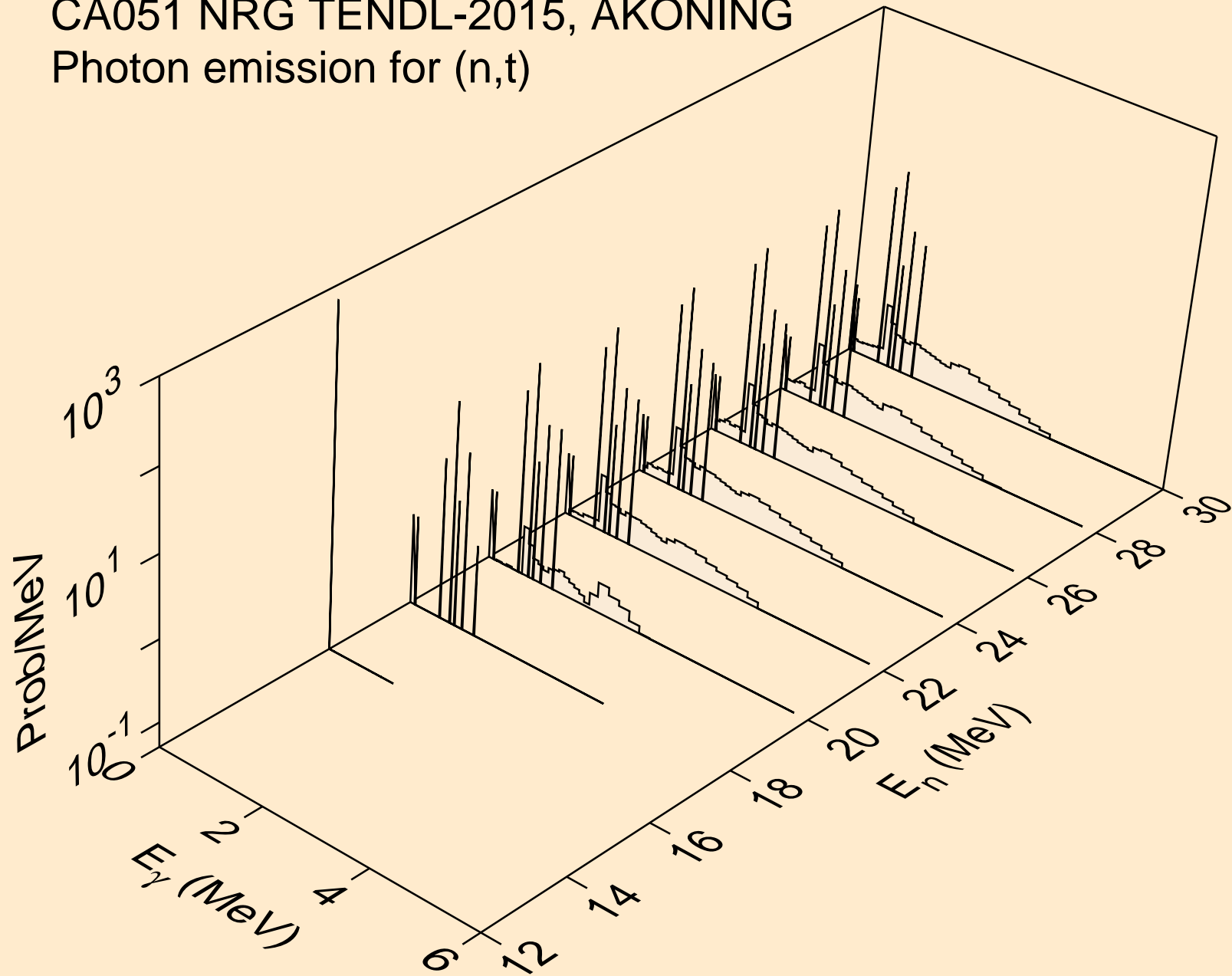


CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

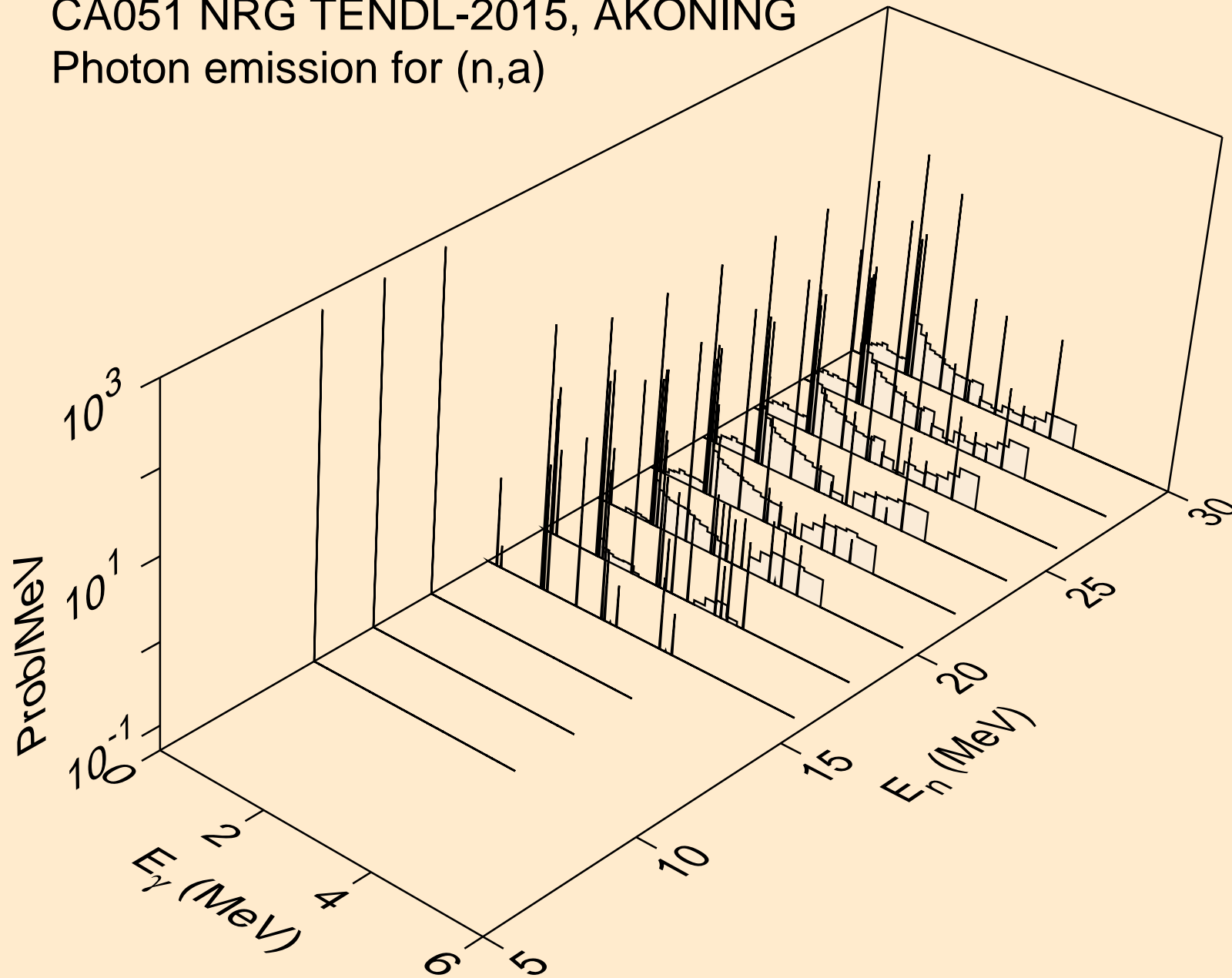




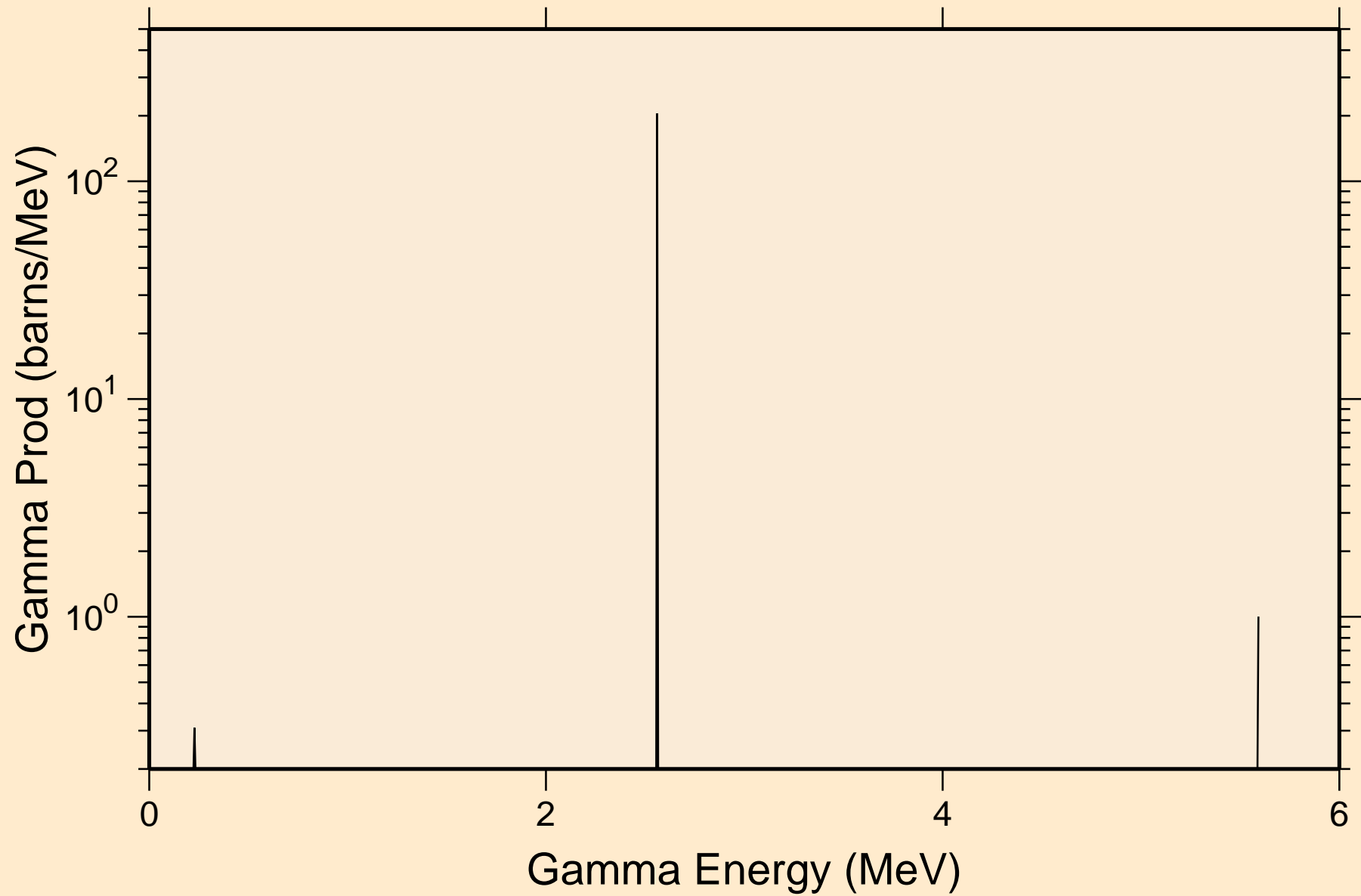
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



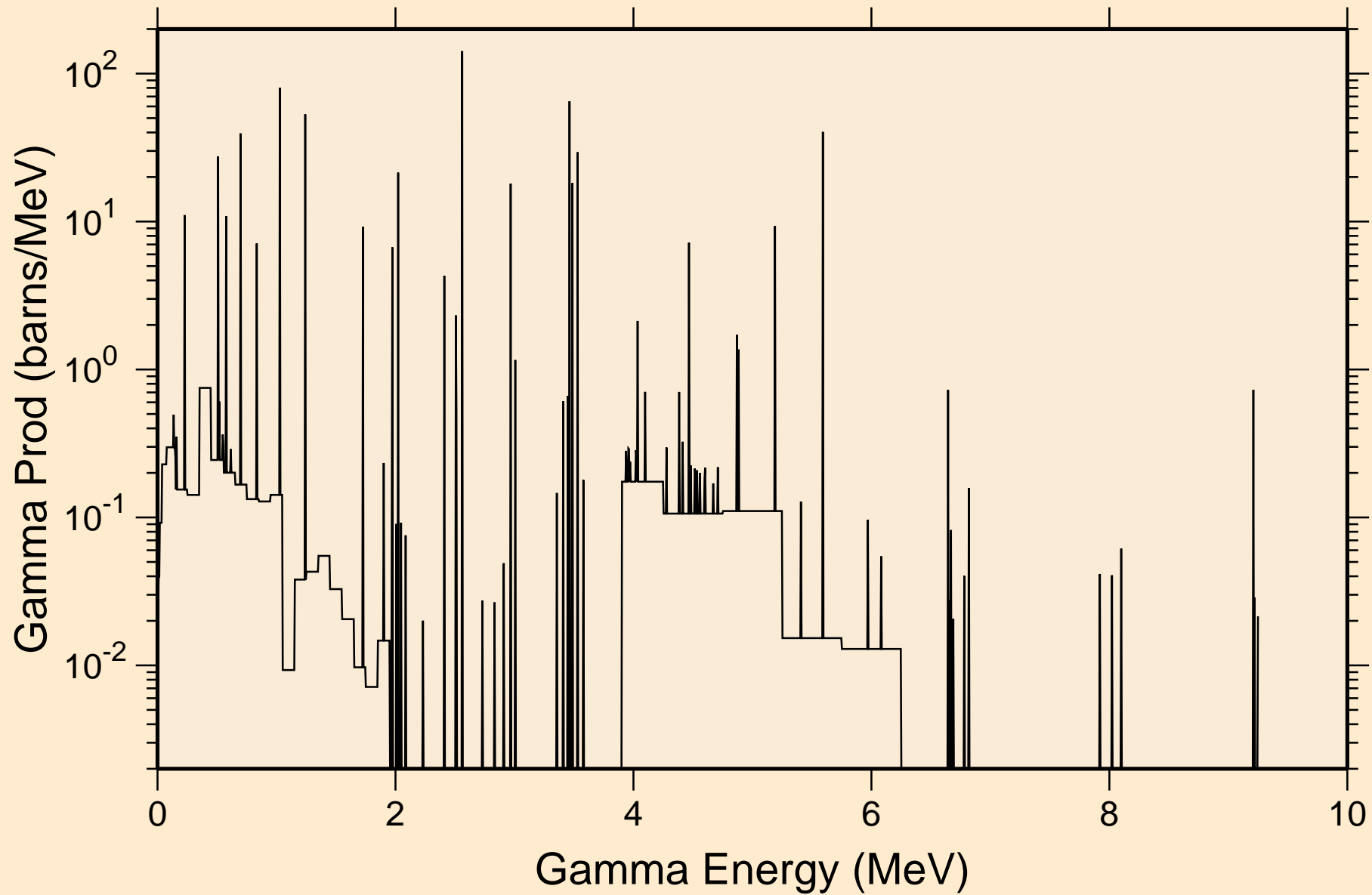
CA051 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



CA051 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

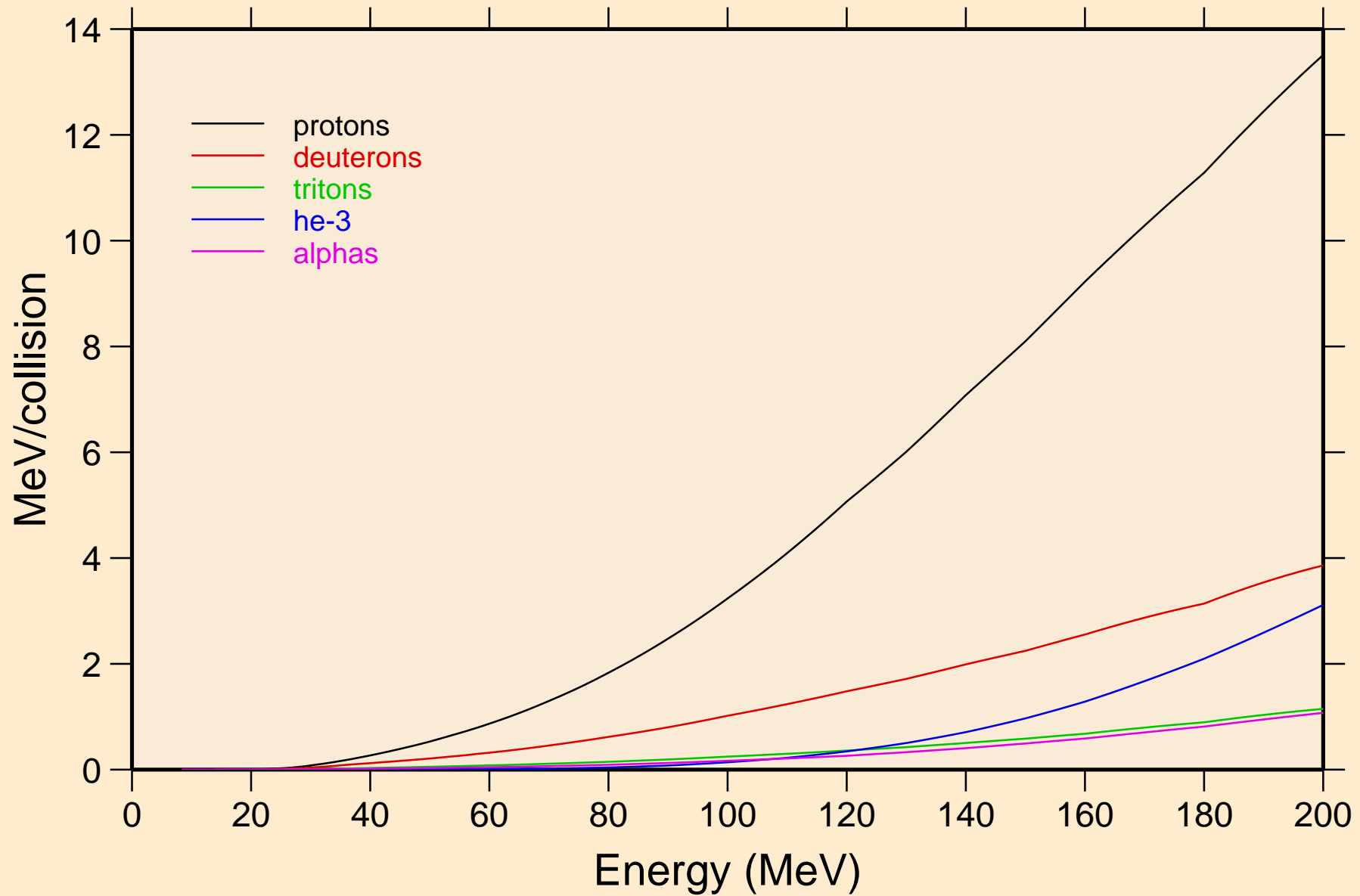


CA051 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



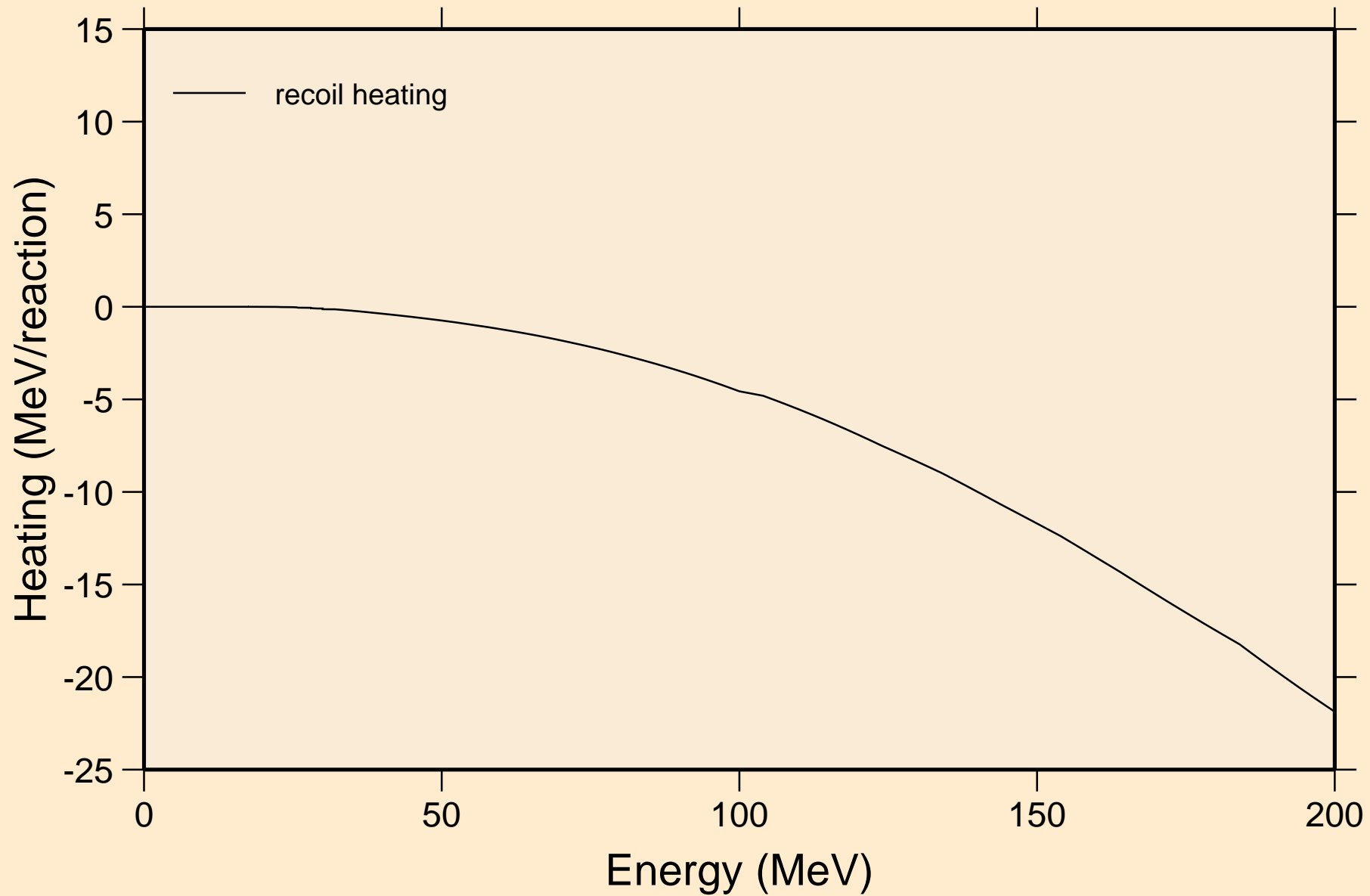
# CA051 NRG TENDL-2015, AKONING

## Particle heating contributions



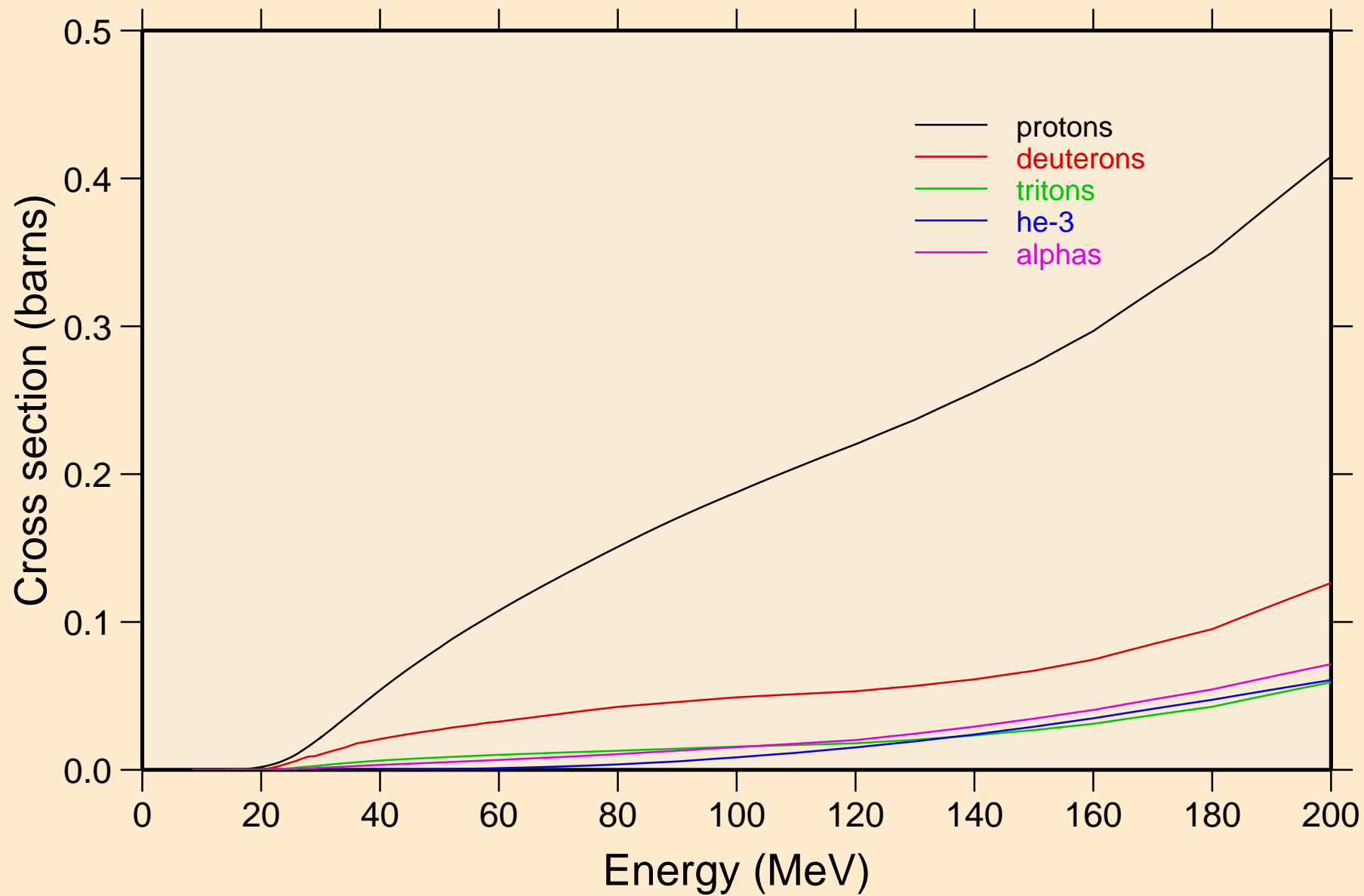
# CA051 NRG TENDL-2015, AKONING

## Recoil Heating

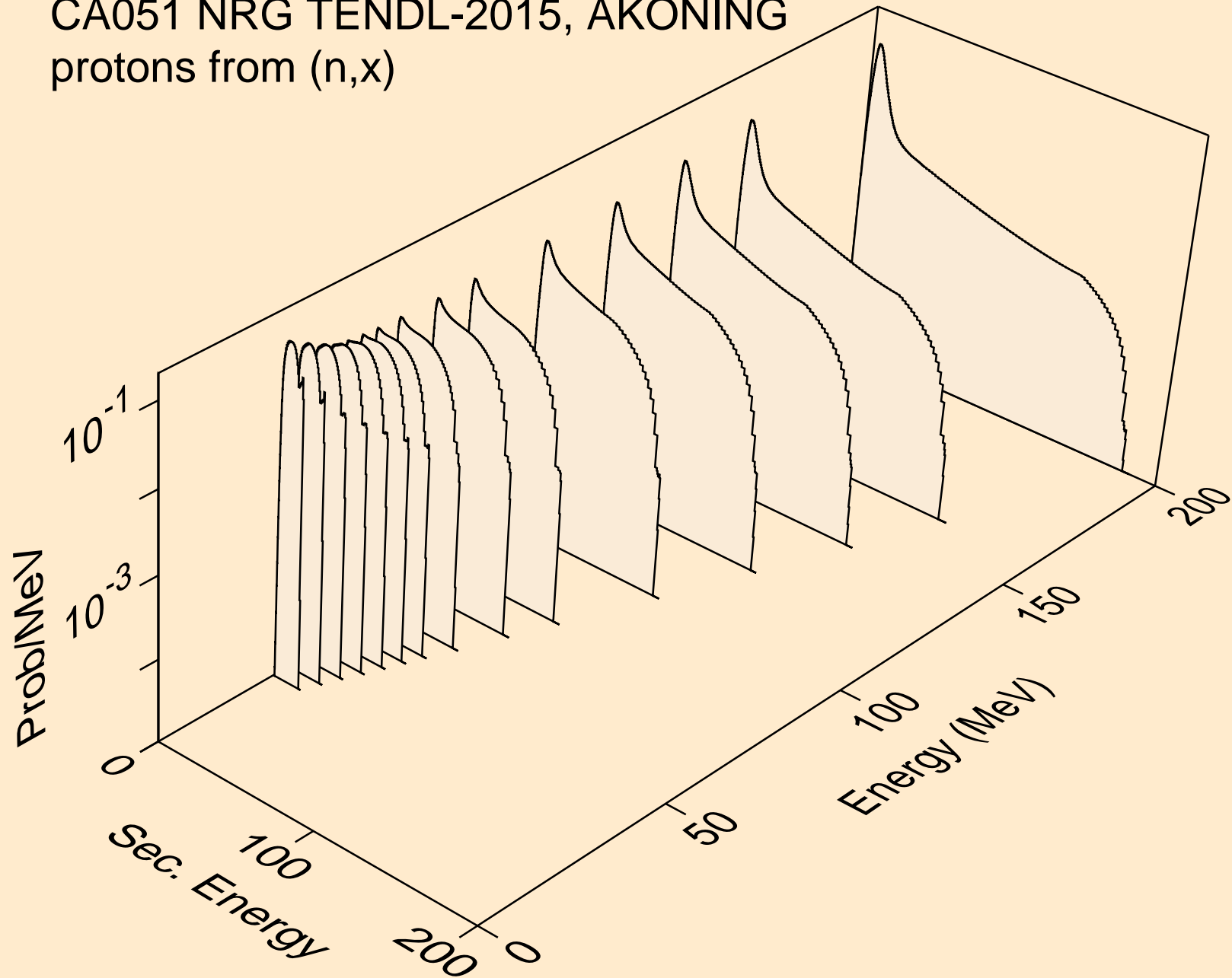


# CA051 NRG TENDL-2015, AKONING

## Particle production cross sections

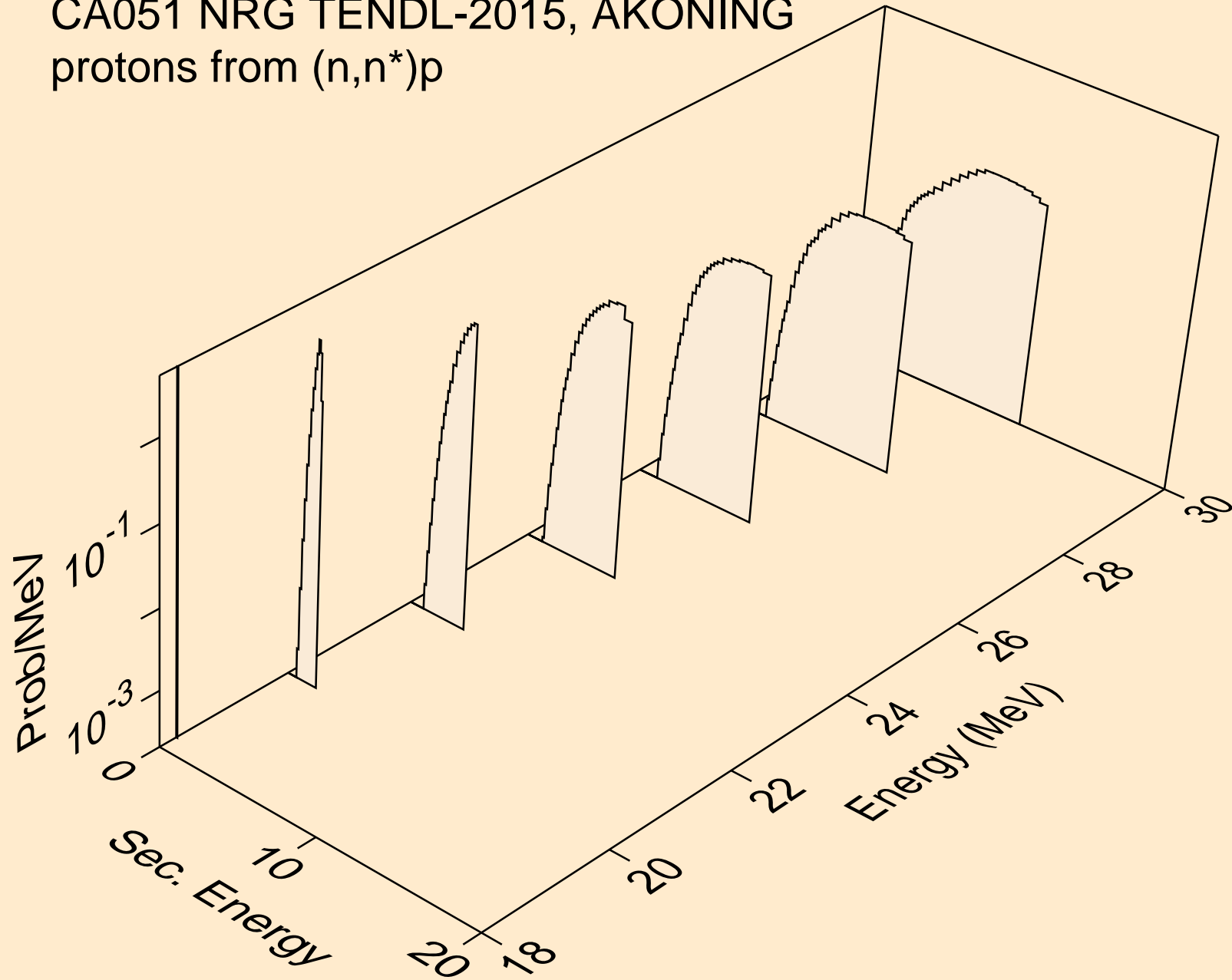


CA051 NRG TENDL-2015, AKONING  
protons from (n,x)

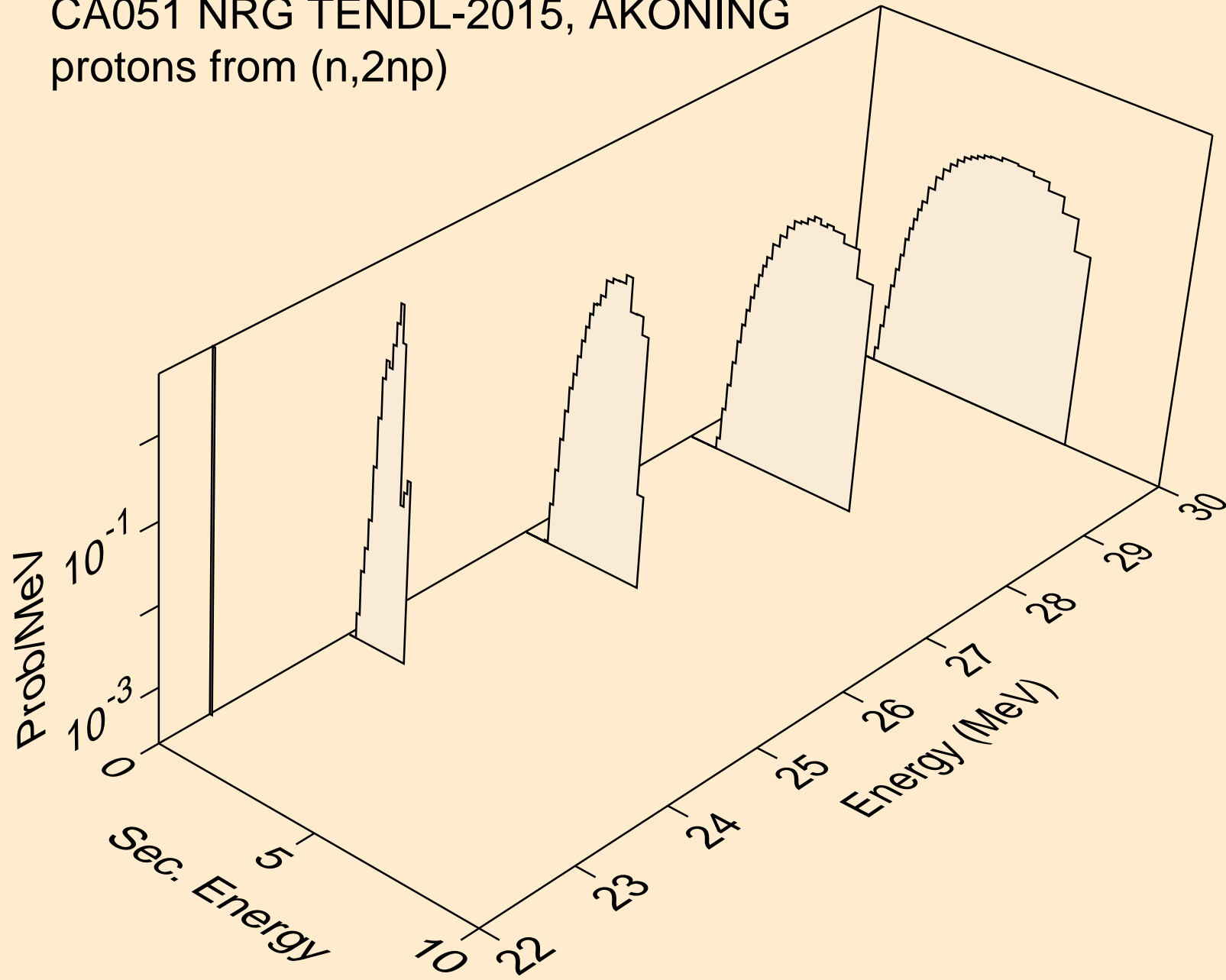




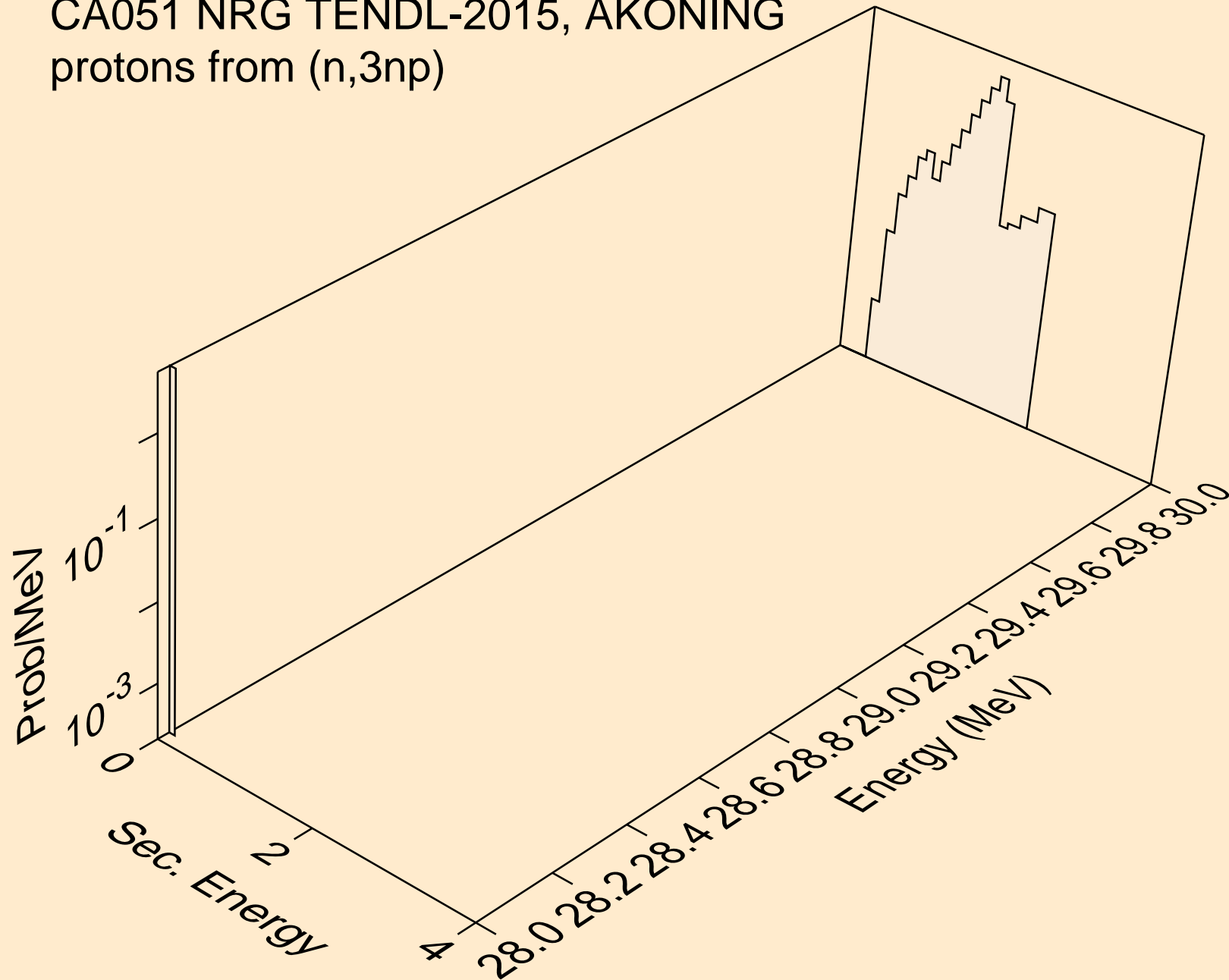
CA051 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



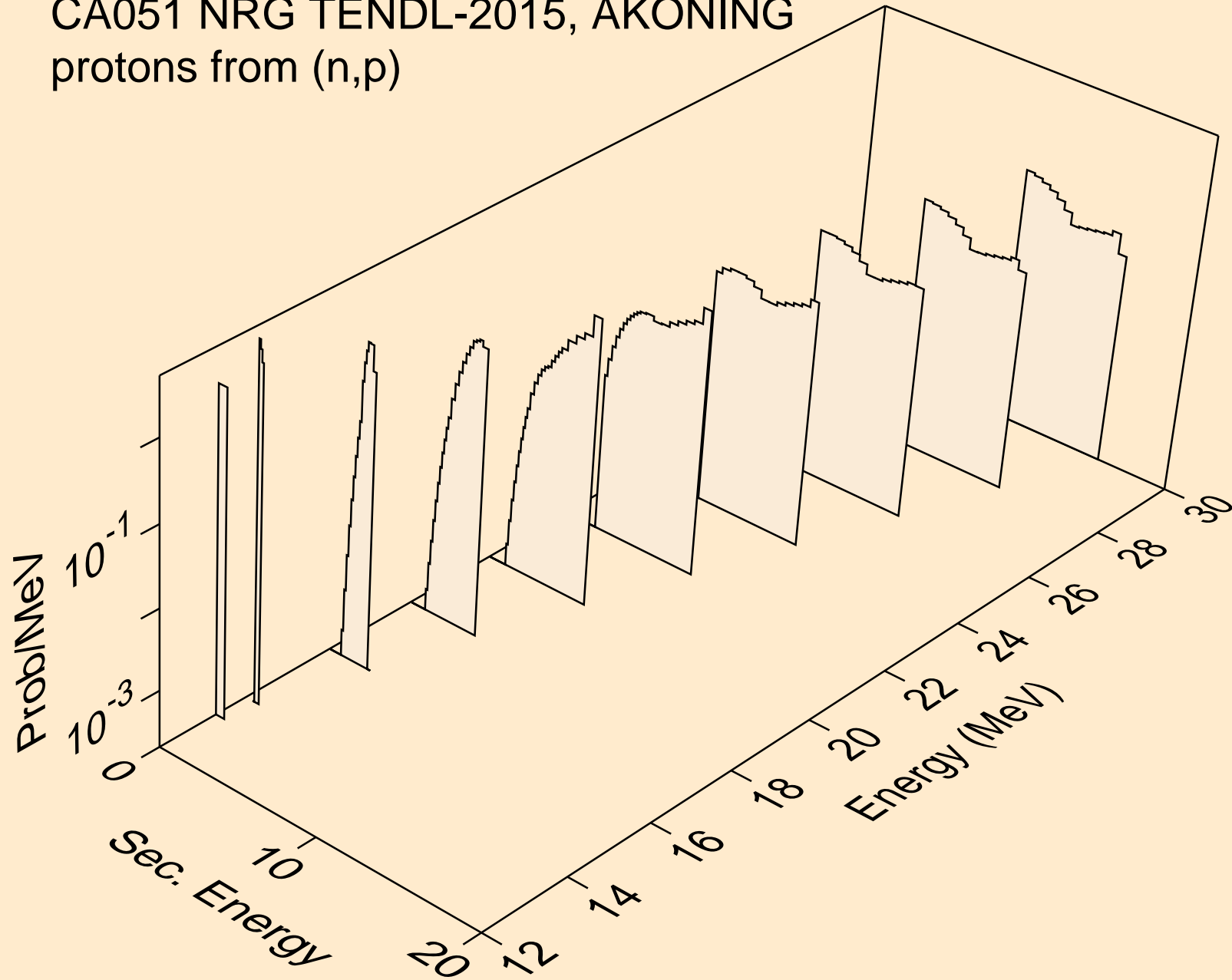
CA051 NRG TENDL-2015, AKONING  
protons from (n,2np)



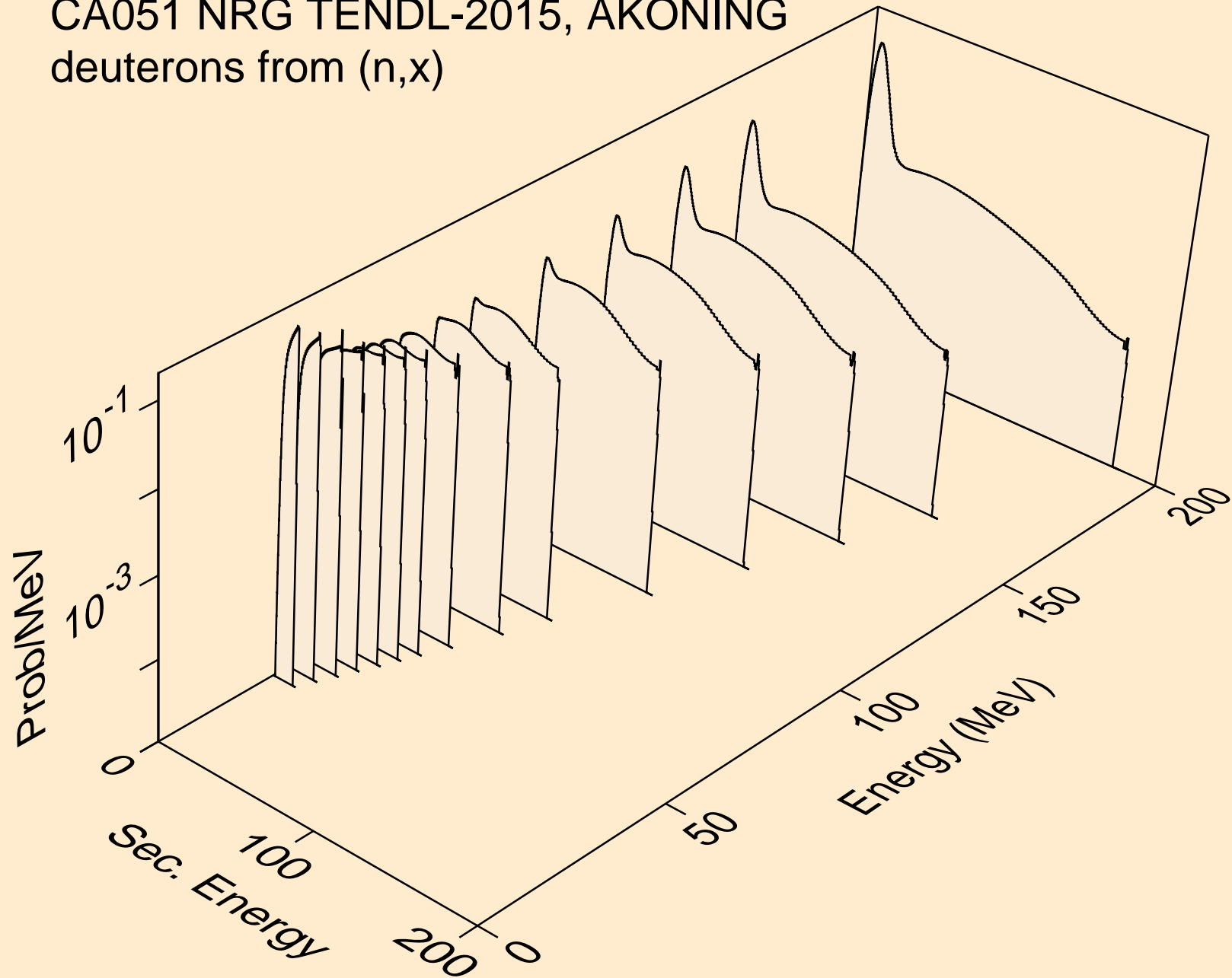
CA051 NRG TENDL-2015, AKONING  
protons from (n,3np)



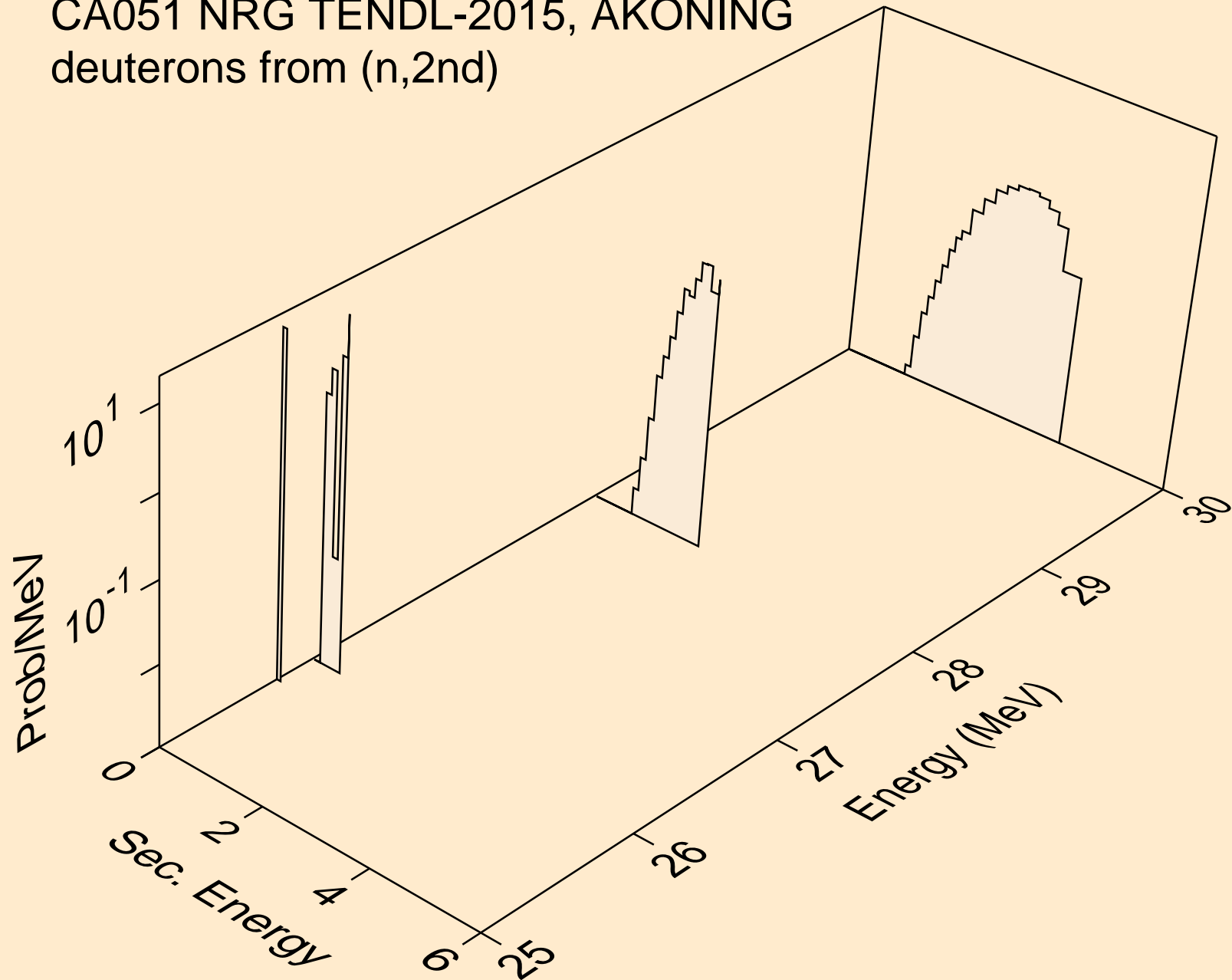
CA051 NRG TENDL-2015, AKONING  
protons from (n,p)



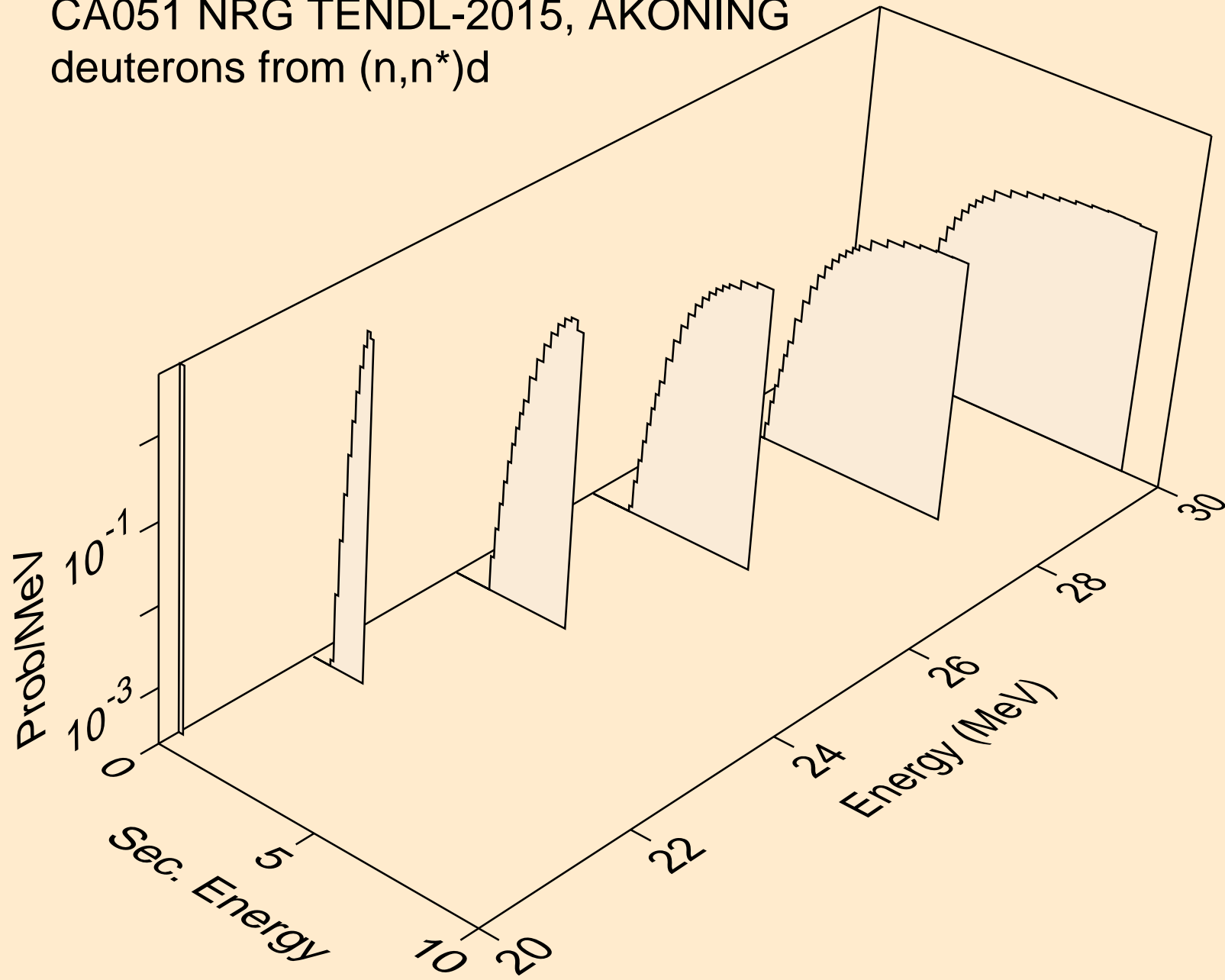
CA051 NRG TENDL-2015, AKONING  
deuterons from (n,x)



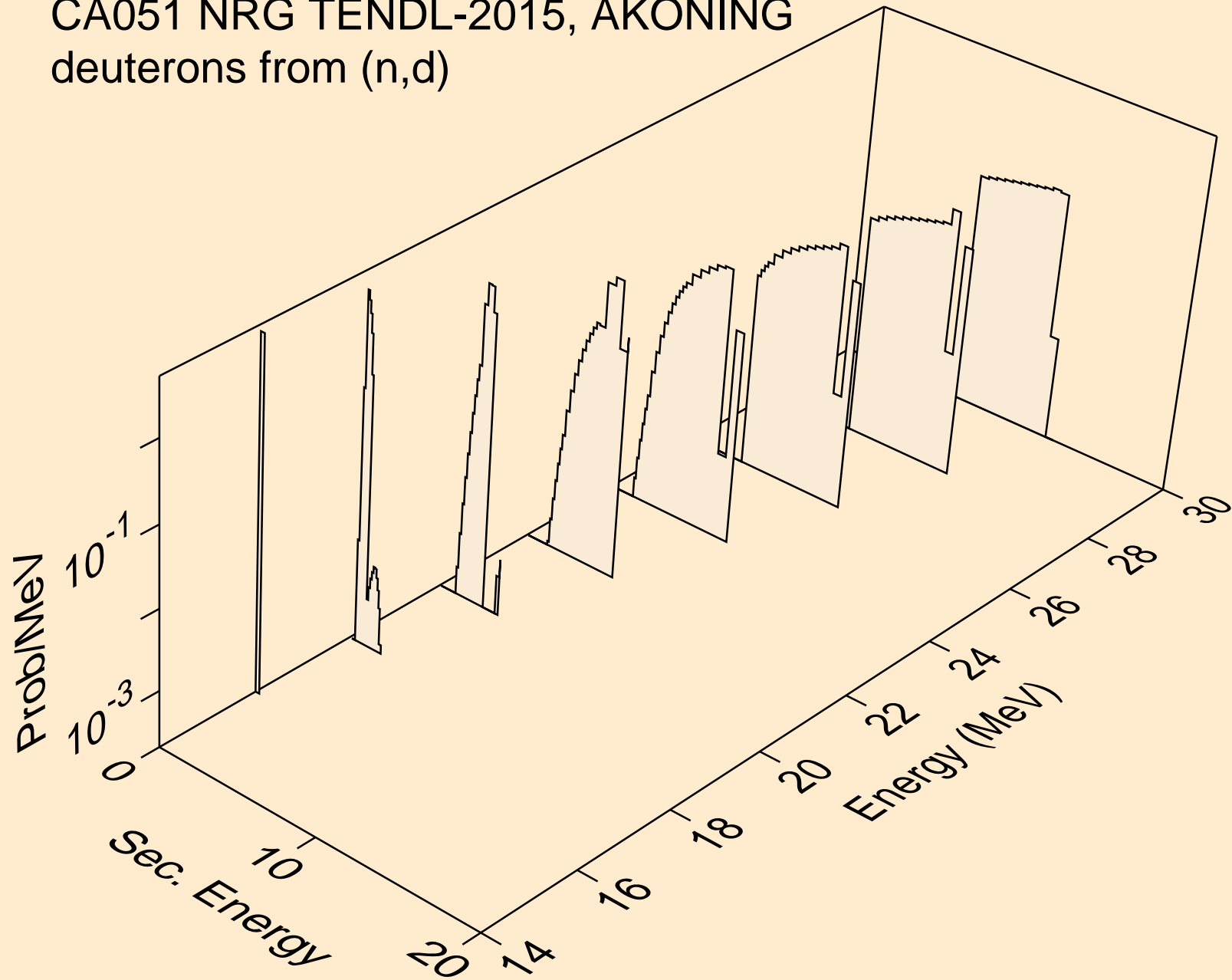
CA051 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



CA051 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

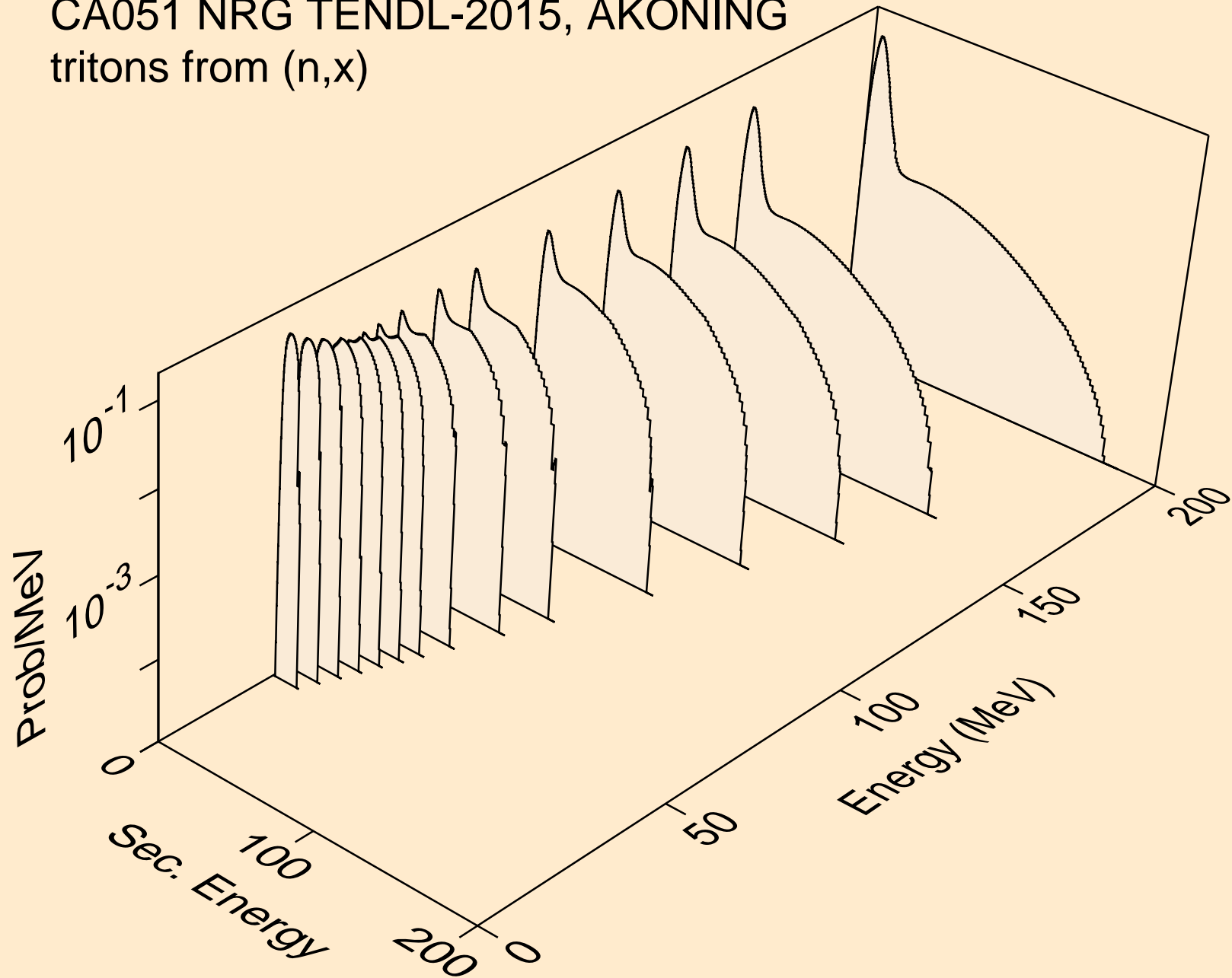


CA051 NRG TENDL-2015, AKONING  
deuterons from (n,d)

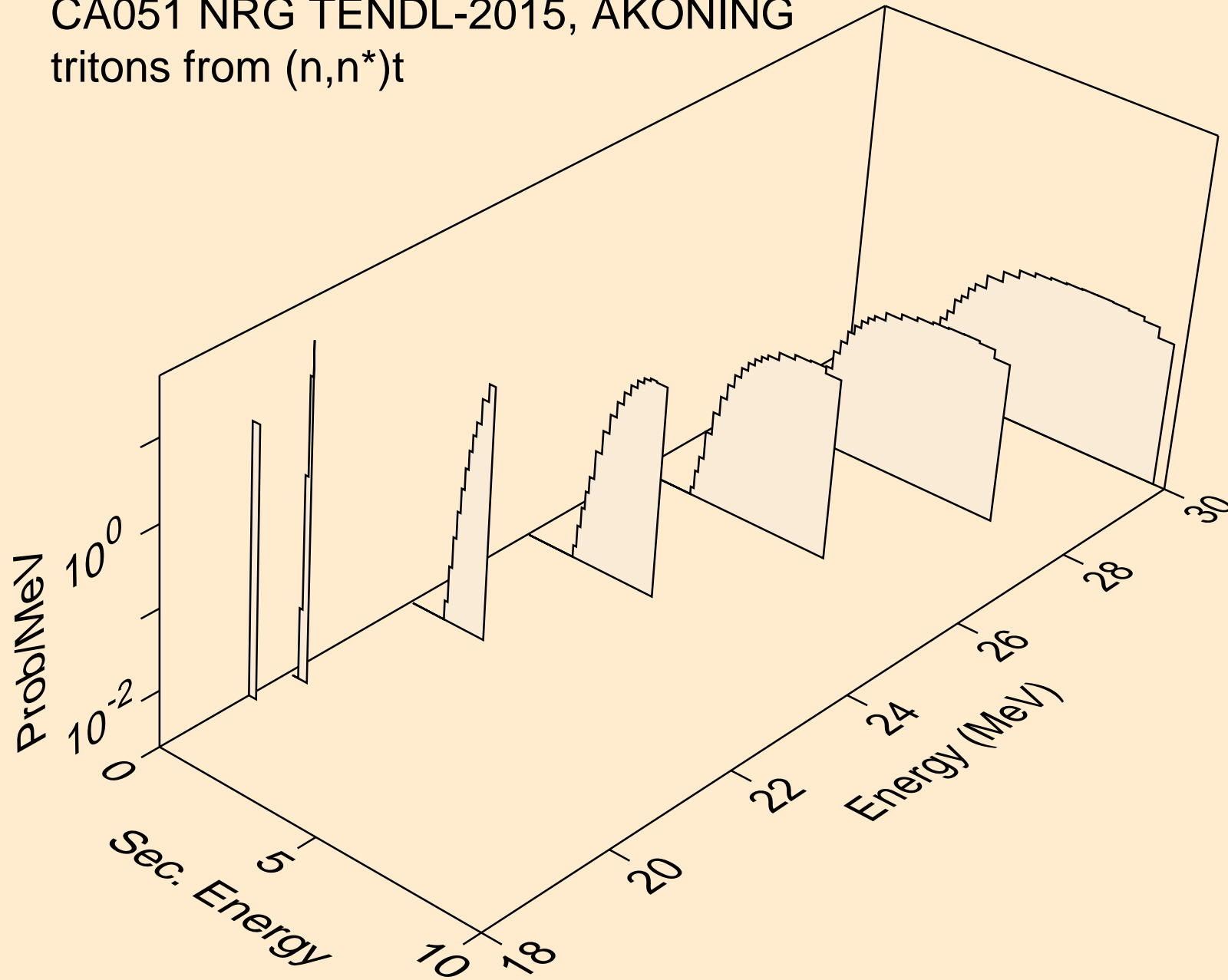




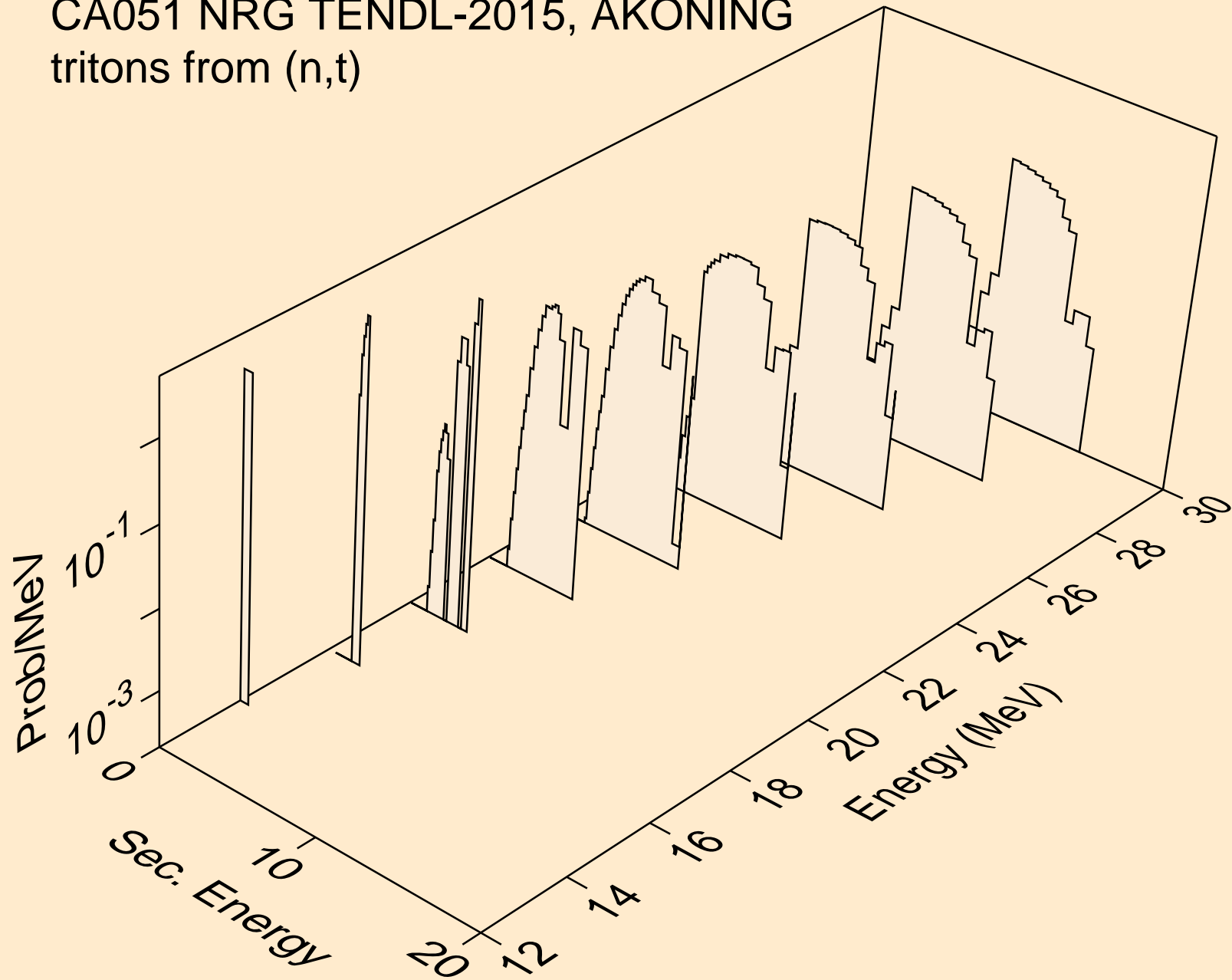
CA051 NRG TENDL-2015, AKONING  
tritons from (n,x)



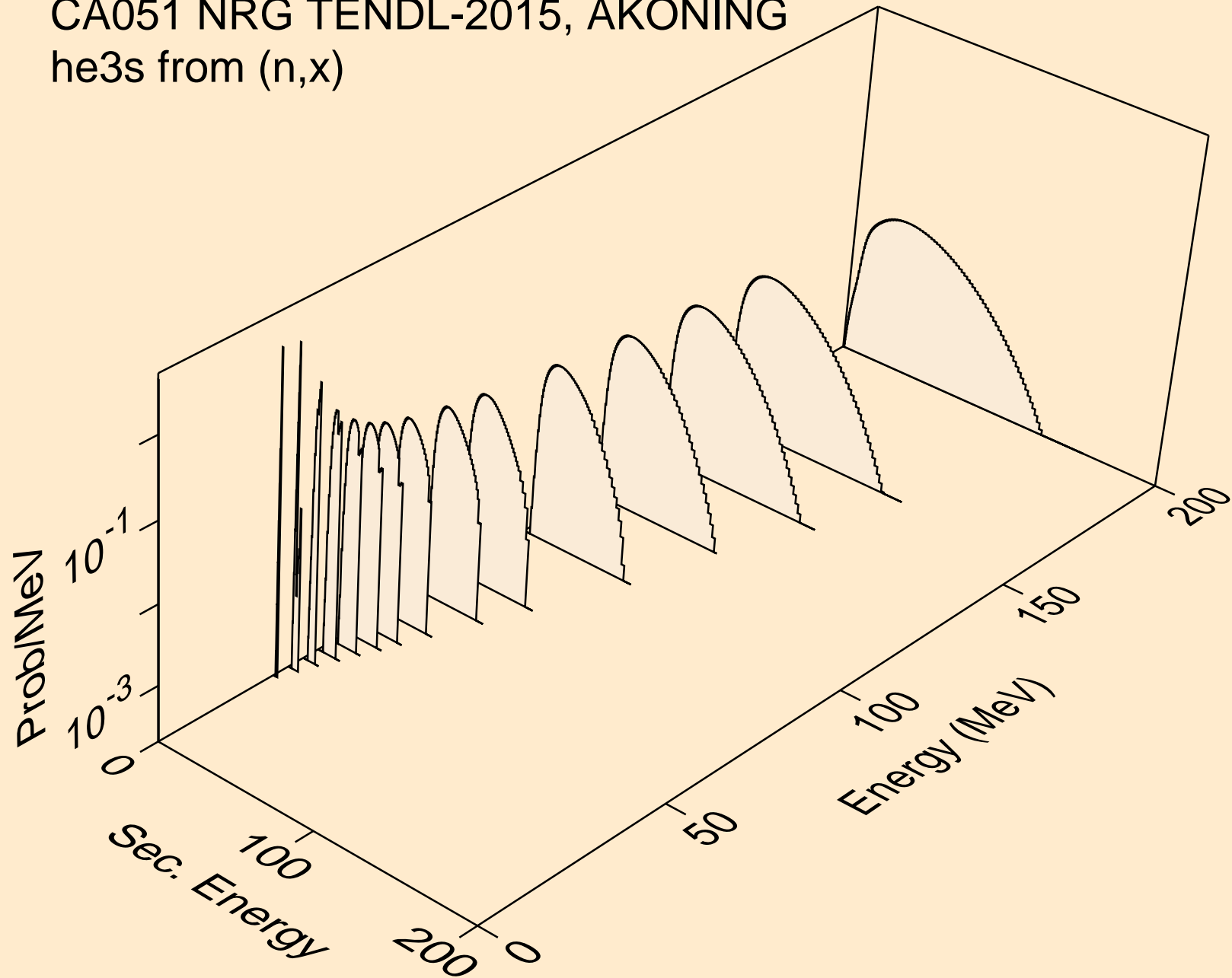
CA051 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



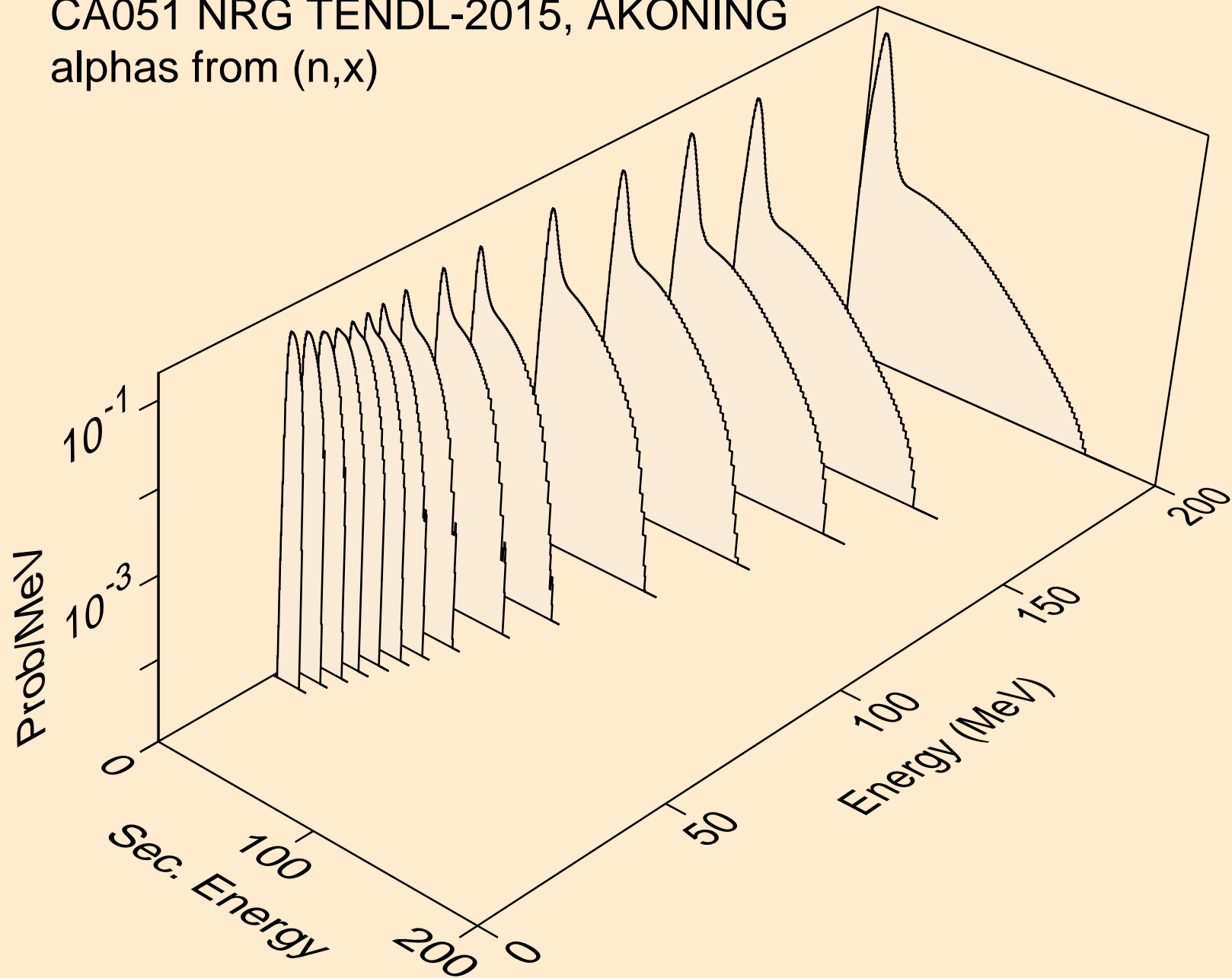
CA051 NRG TENDL-2015, AKONING  
tritons from (n,t)



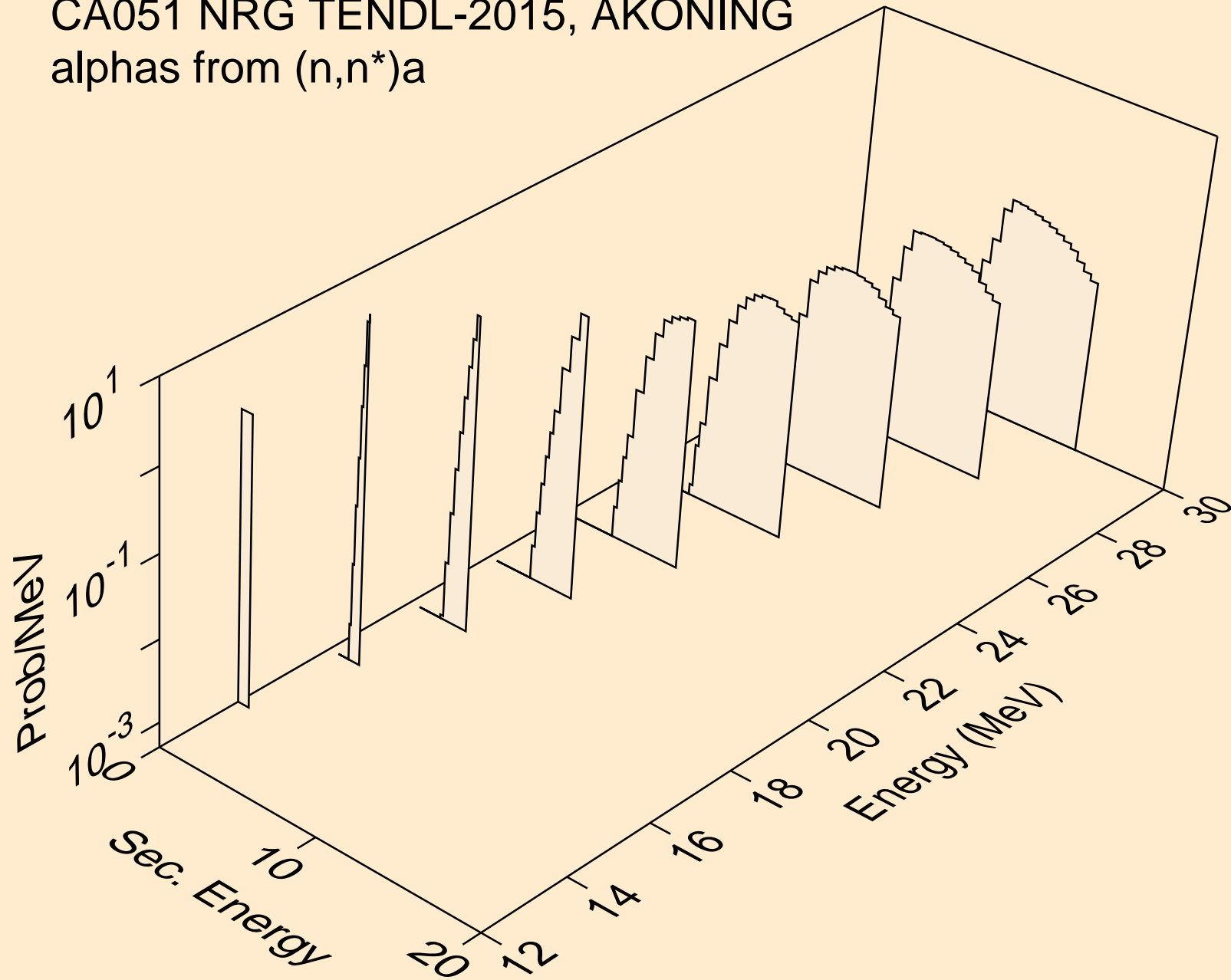
CA051 NRG TENDL-2015, AKONING  
he3s from (n,x)



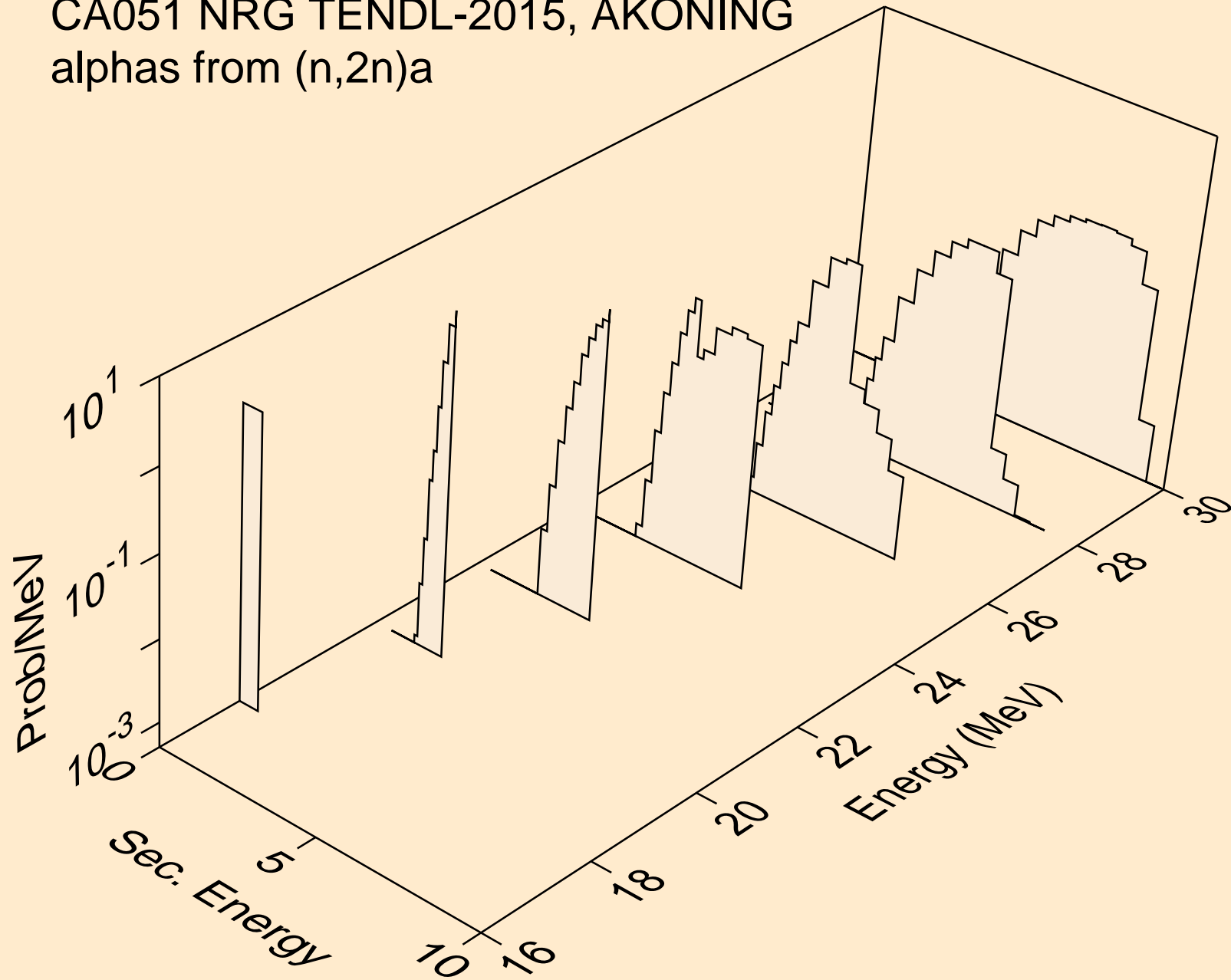
CA051 NRG TENDL-2015, AKONING  
alphas from (n,x)



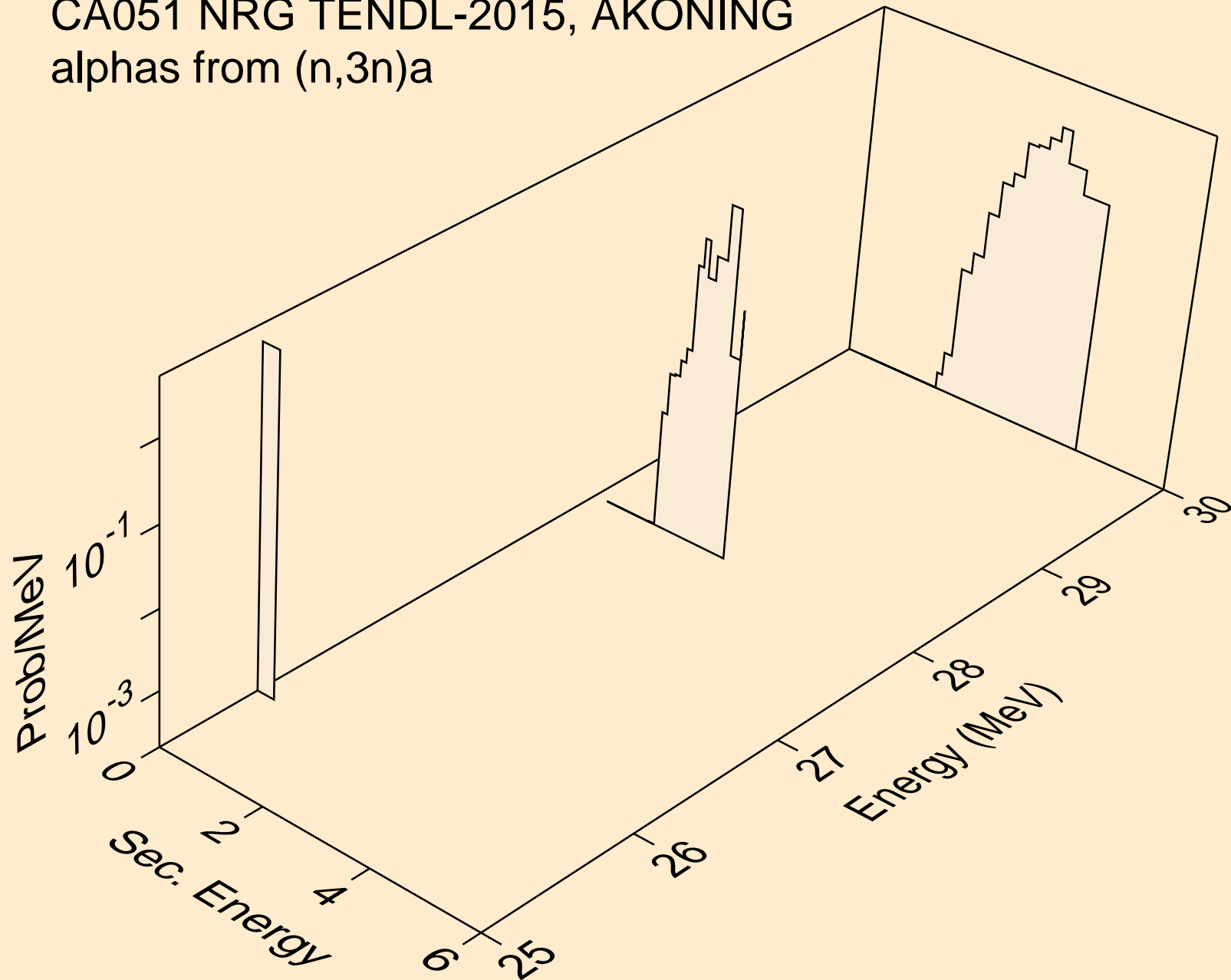
CA051 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



CA051 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



CA051 NRG TENDL-2015, AKONING  
alphas from (n,3n)a





CA051 NRG TENDL-2015, AKONING  
alphas from (n,a)

