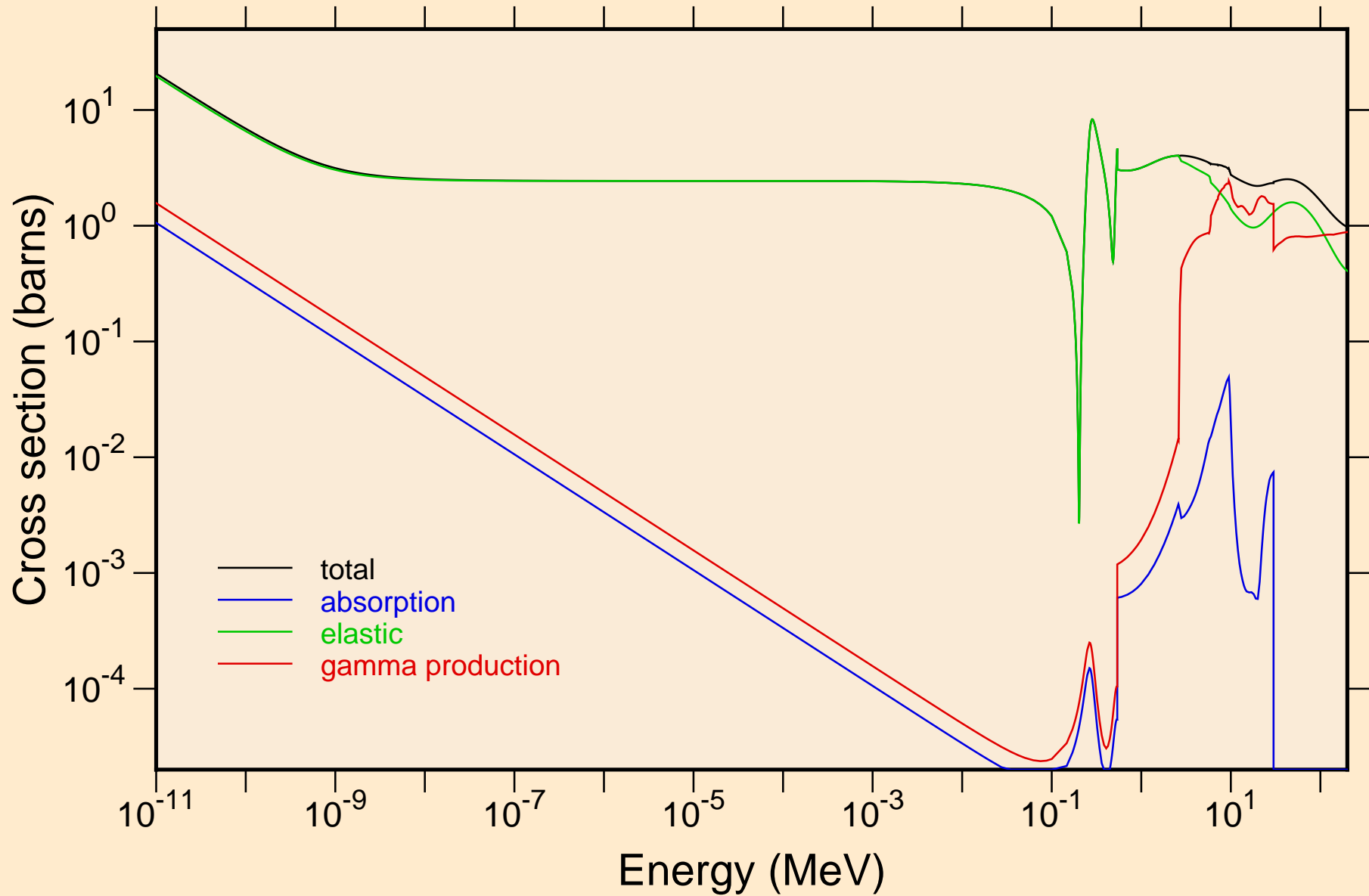
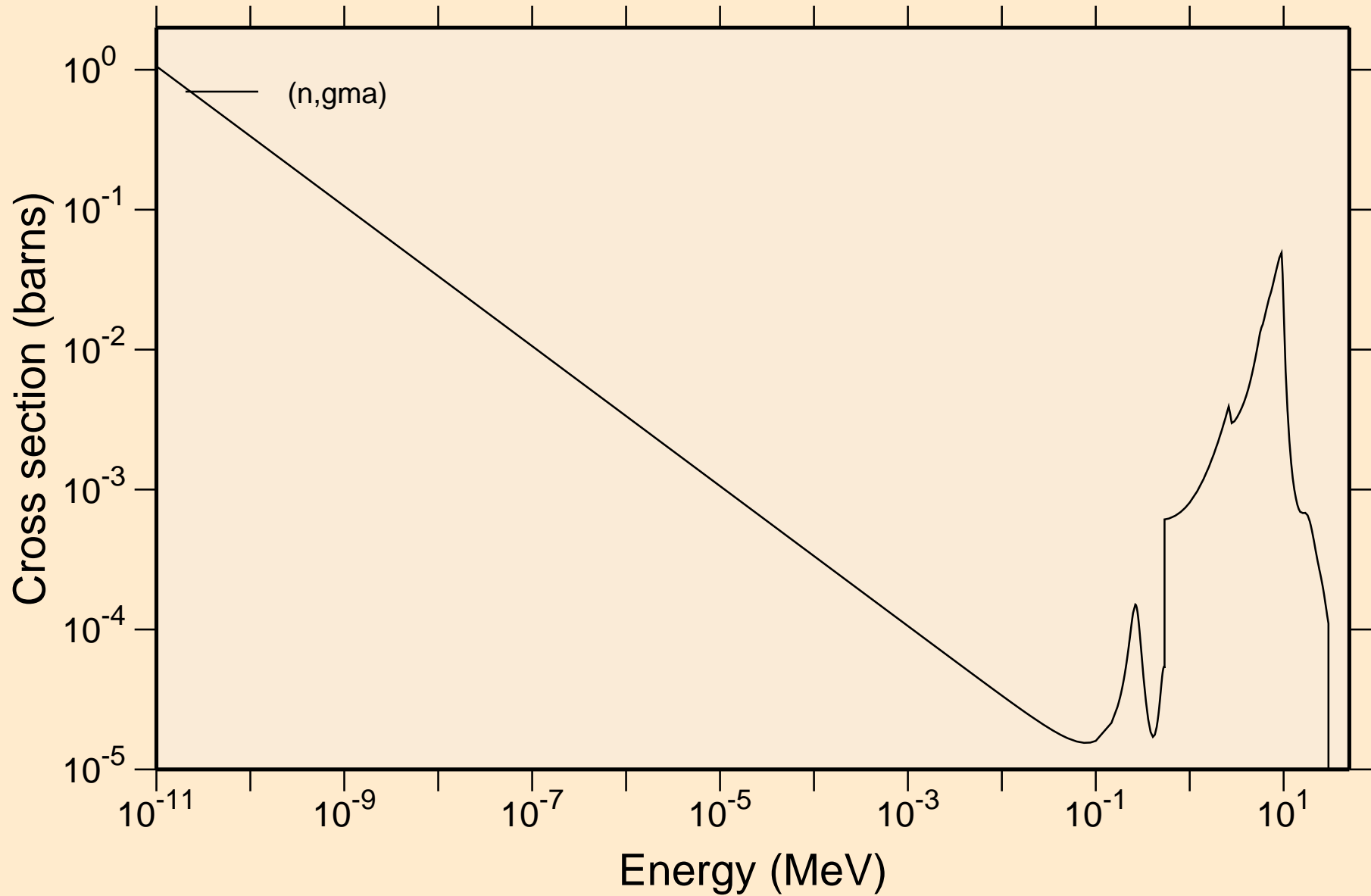


# CA052 NRG TENDL-2015, AKONING

## Principal cross sections

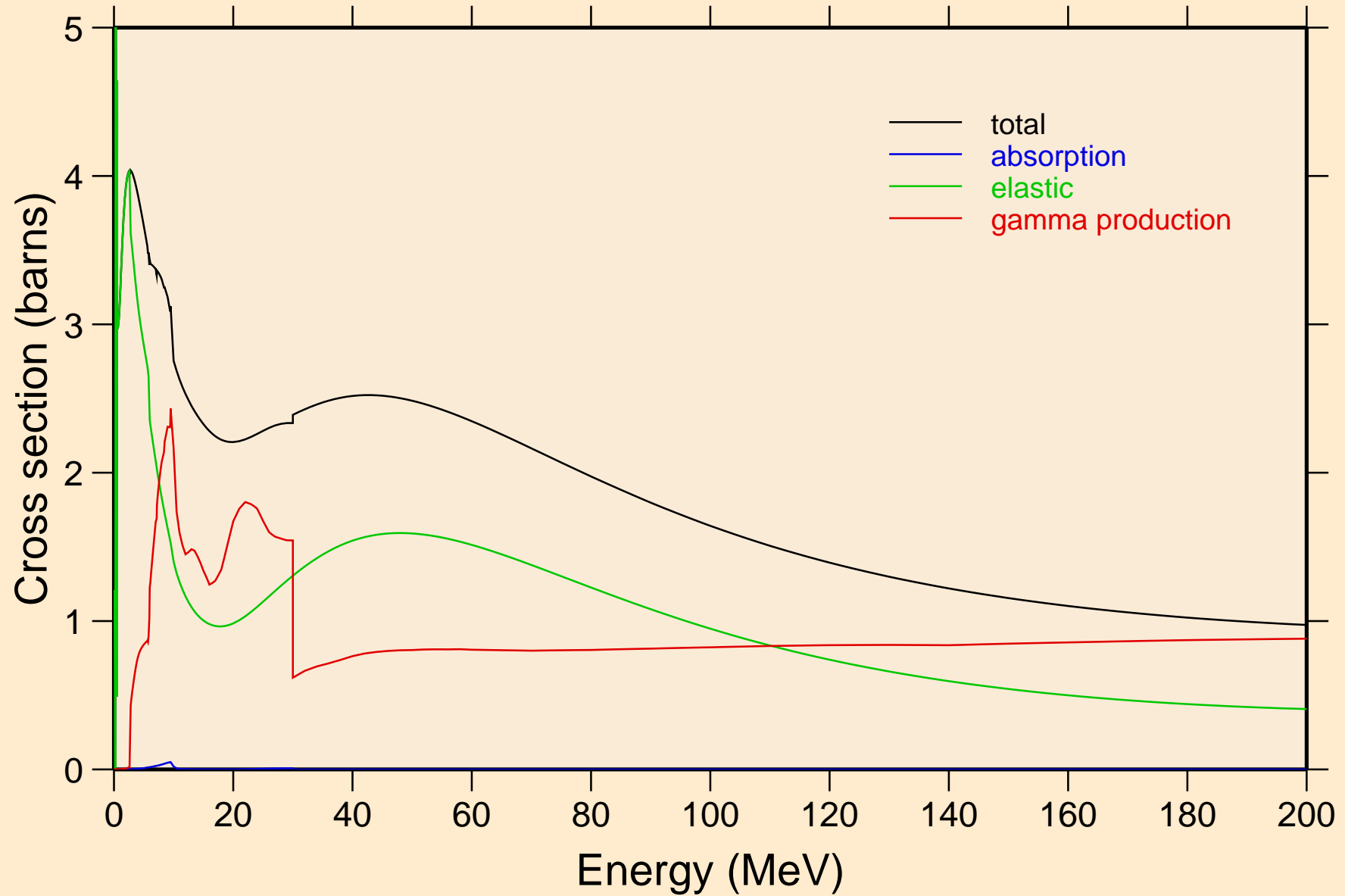


CA052 NRG TENDL-2015, AKONING  
Non-threshold reactions

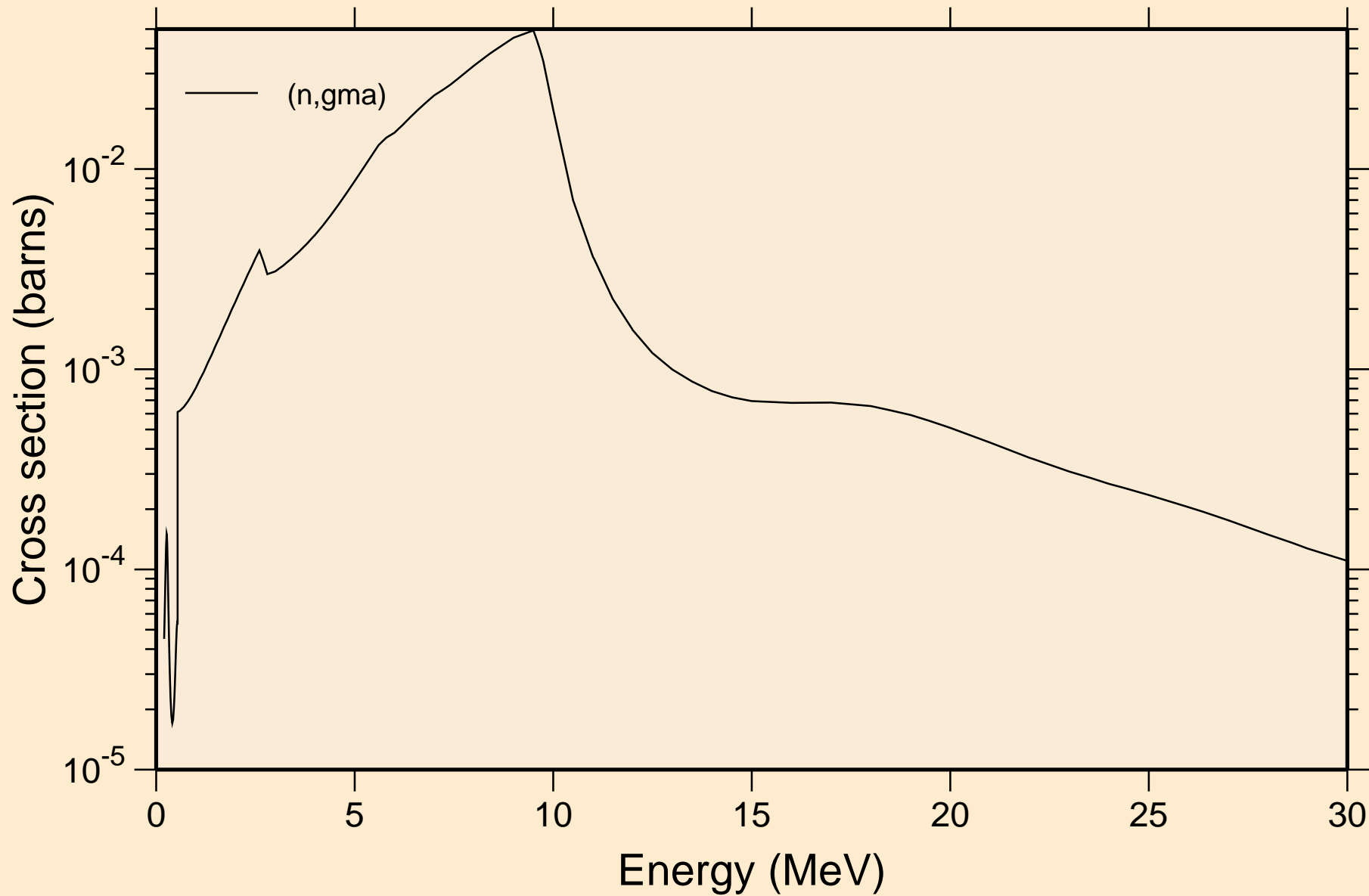


# CA052 NRG TENDL-2015, AKONING

## Principal cross sections

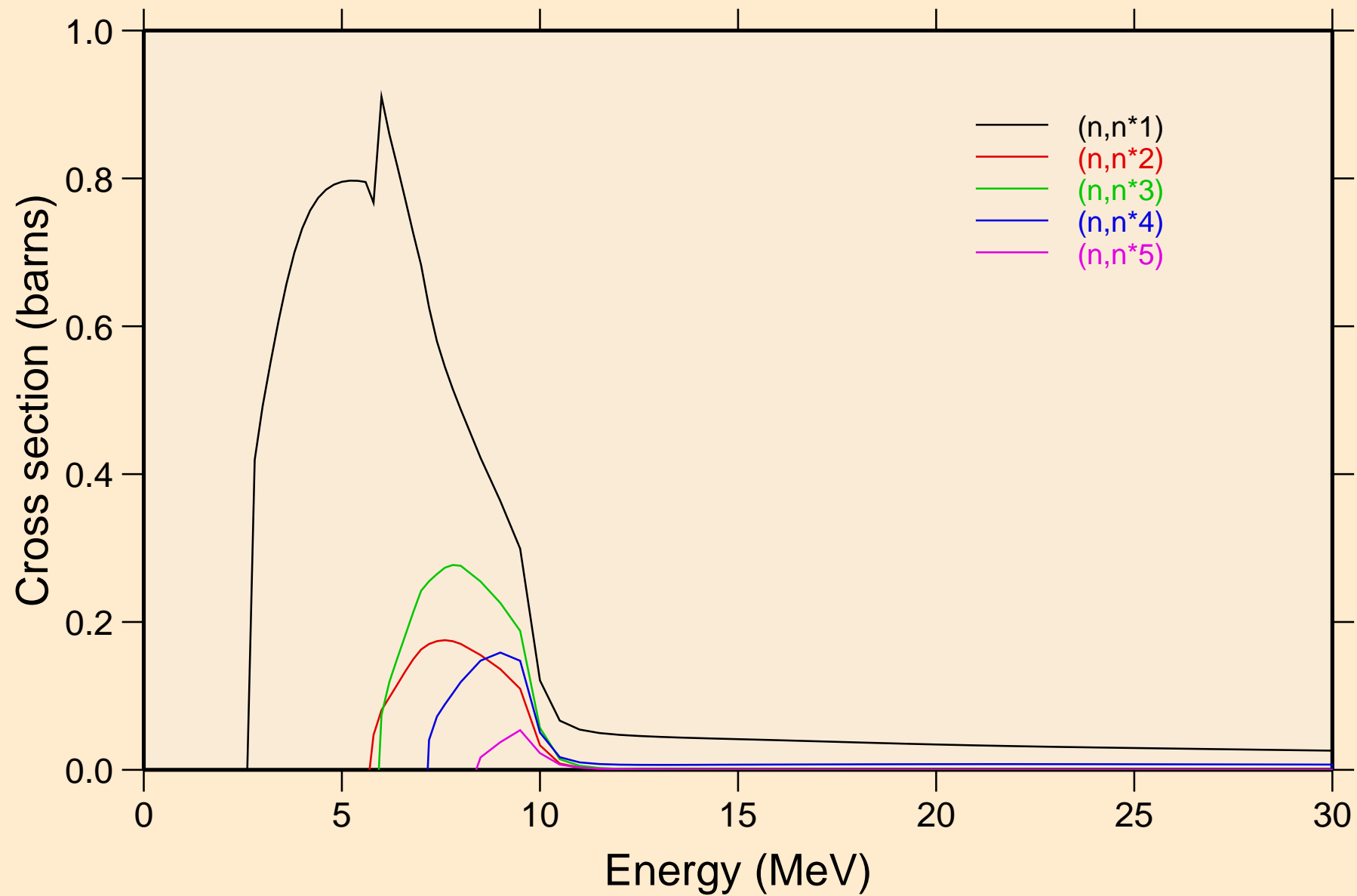


CA052 NRG TENDL-2015, AKONING  
Non-threshold reactions



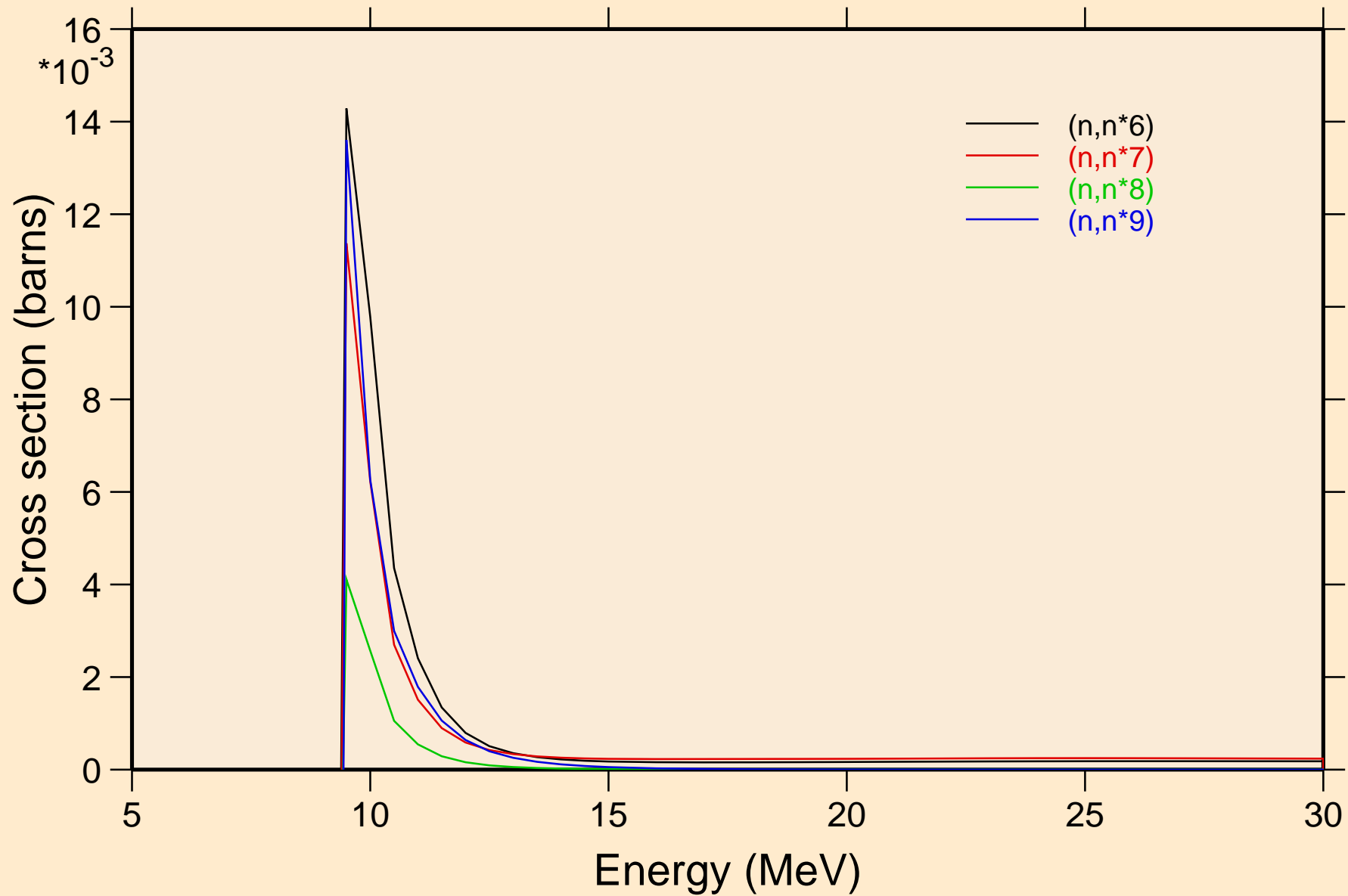
# CA052 NRG TENDL-2015, AKONING

## Inelastic levels



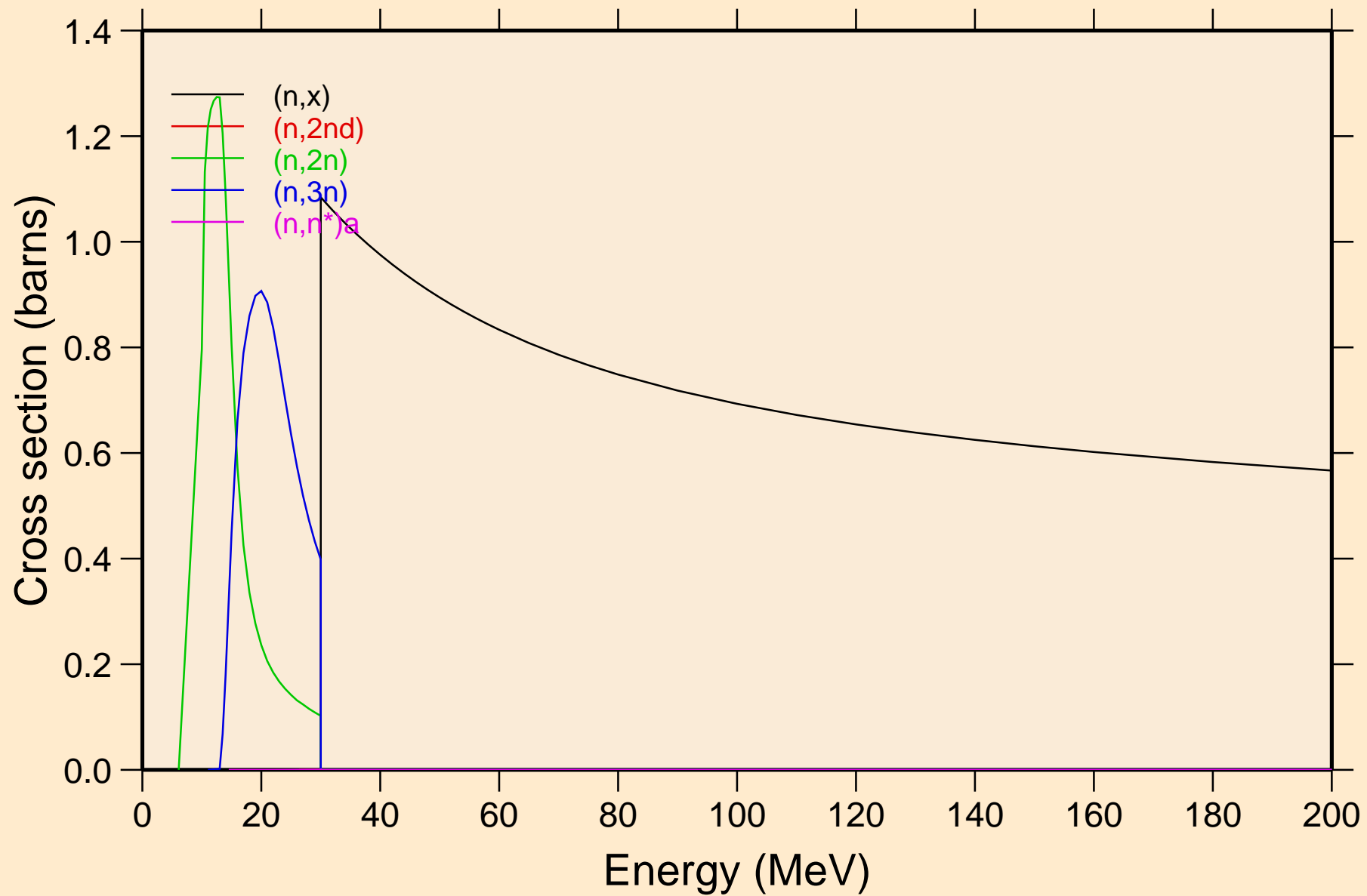
# CA052 NRG TENDL-2015, AKONING

## Inelastic levels



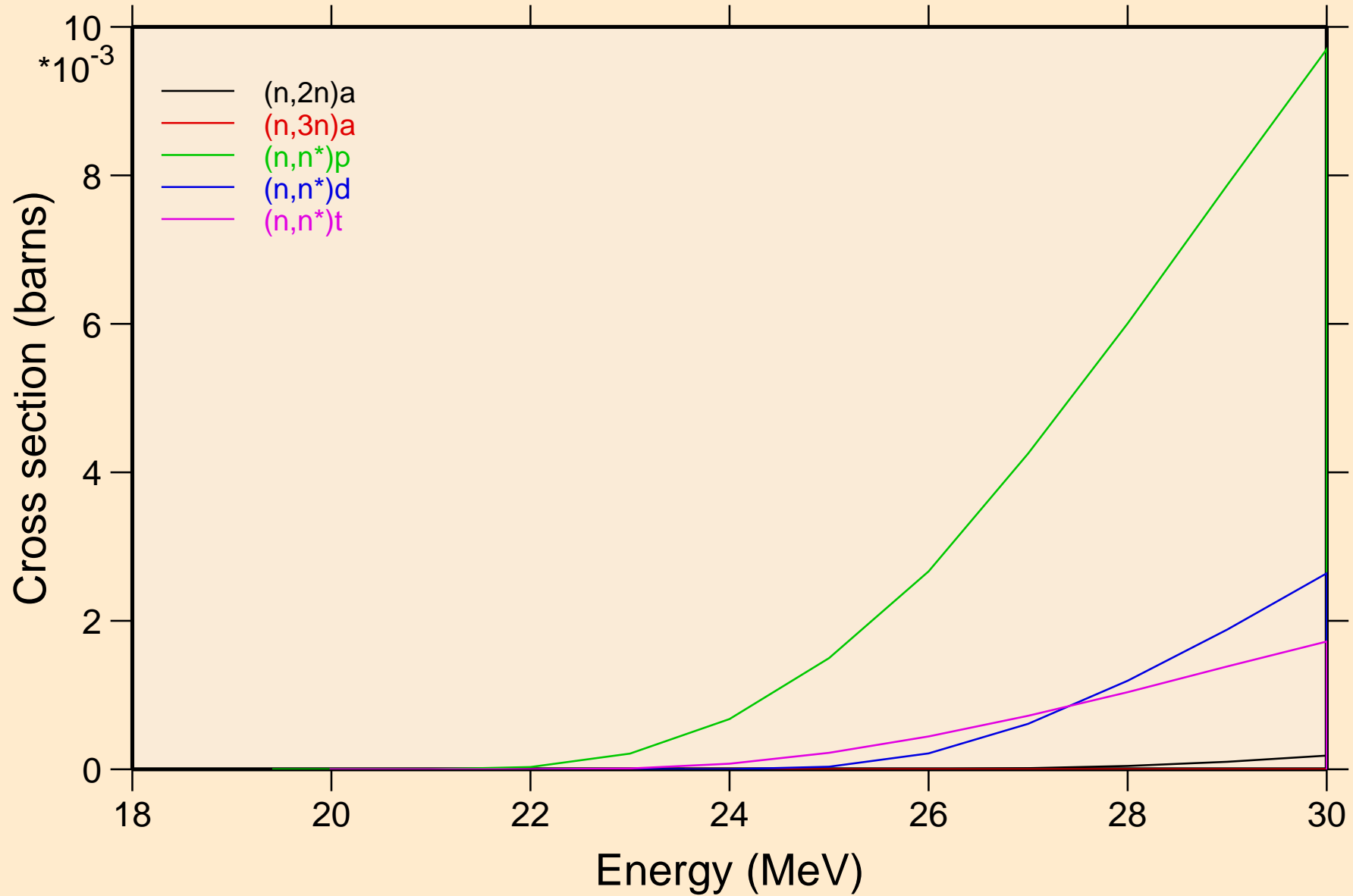
# CA052 NRG TENDL-2015, AKONING

## Threshold reactions



# CA052 NRG TENDL-2015, AKONING

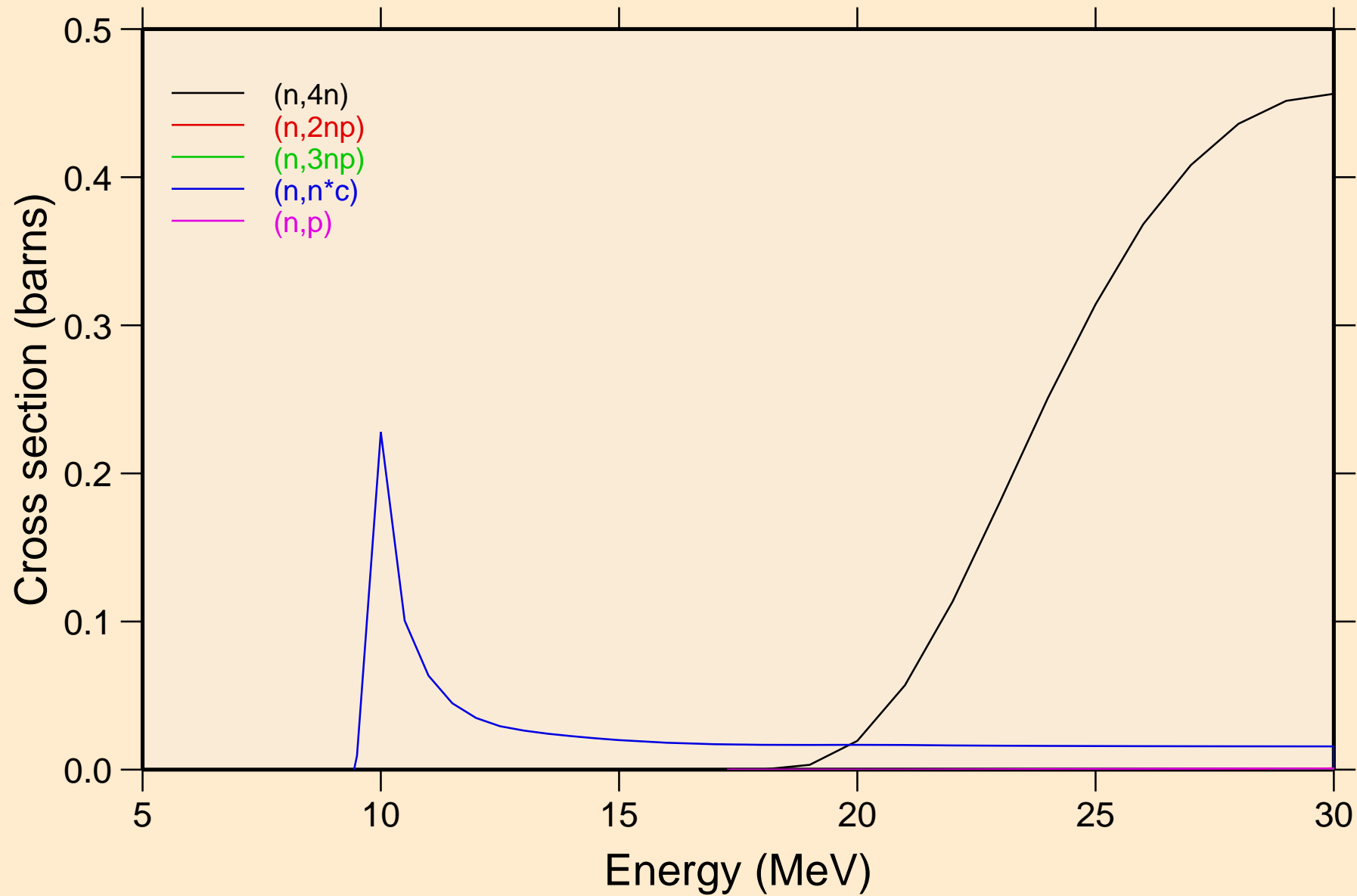
## Threshold reactions





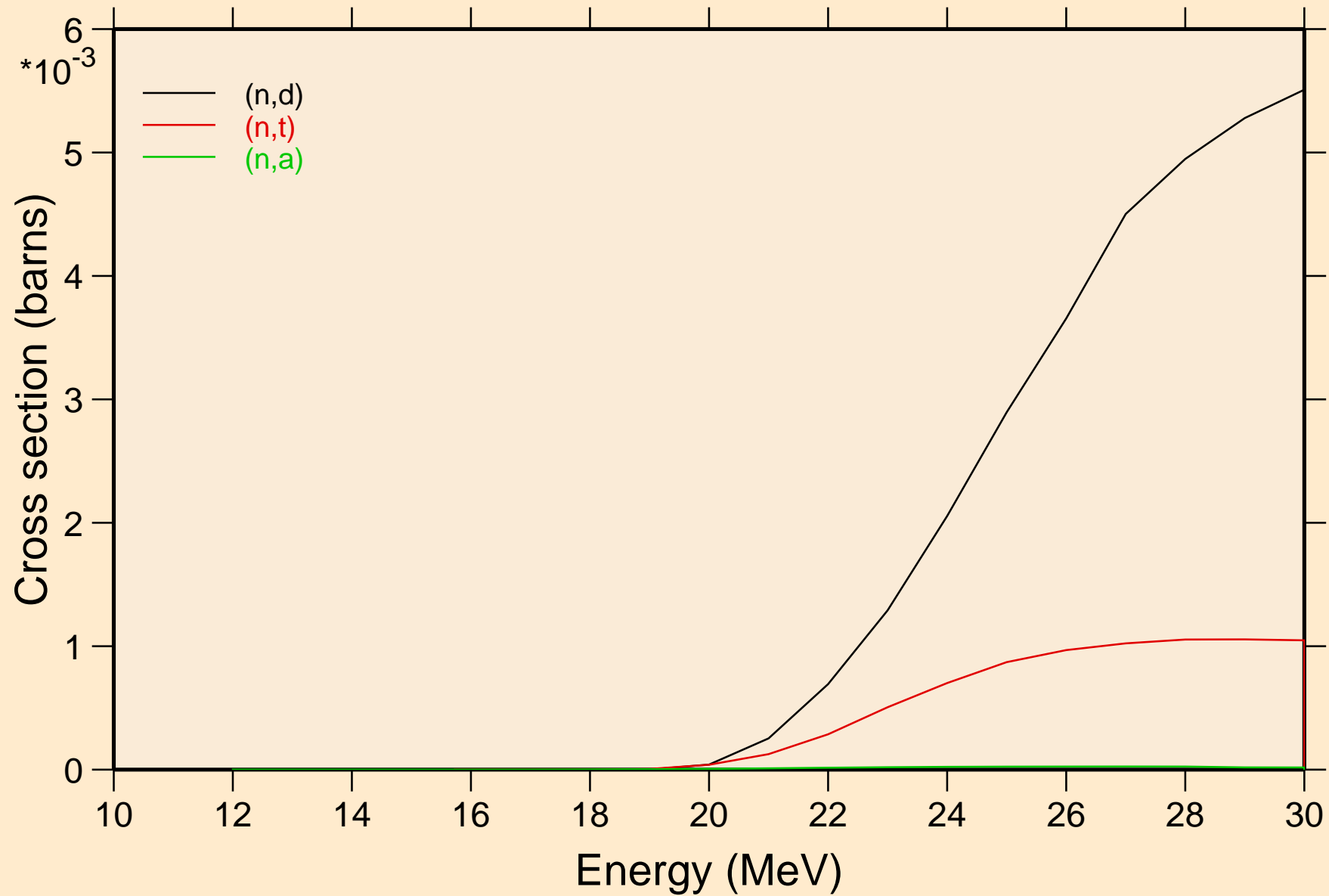
# CA052 NRG TENDL-2015, AKONING

## Threshold reactions

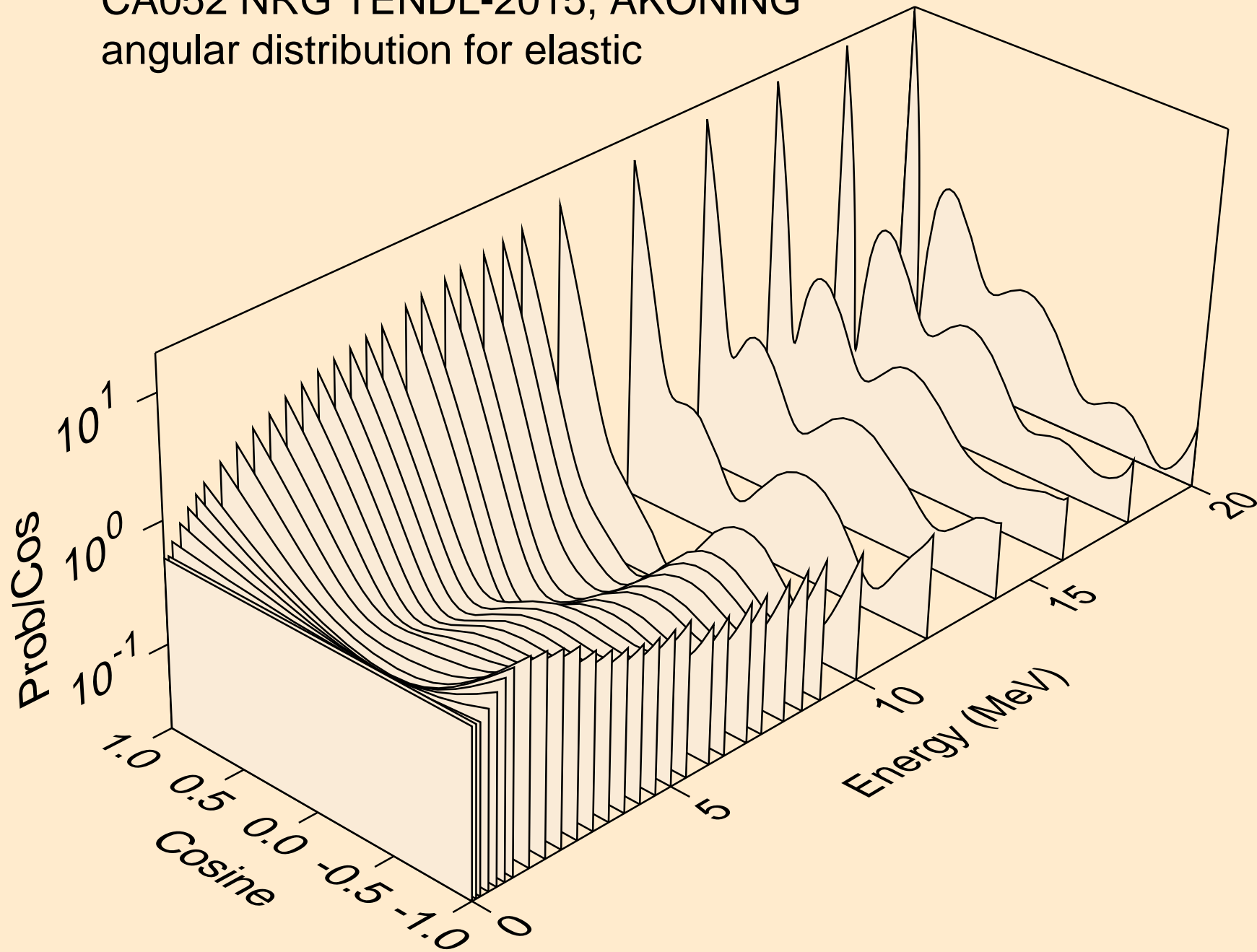


# CA052 NRG TENDL-2015, AKONING

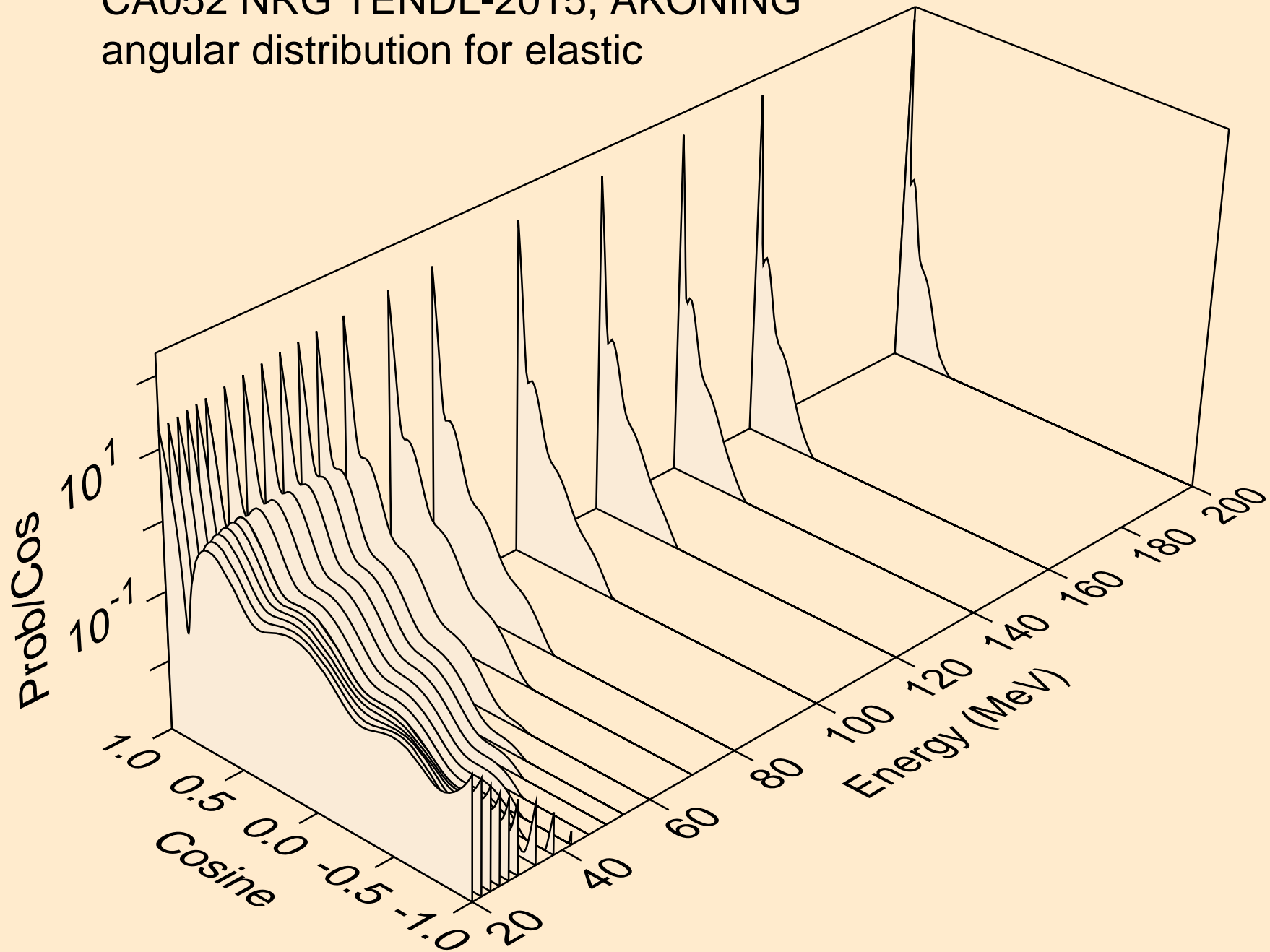
## Threshold reactions



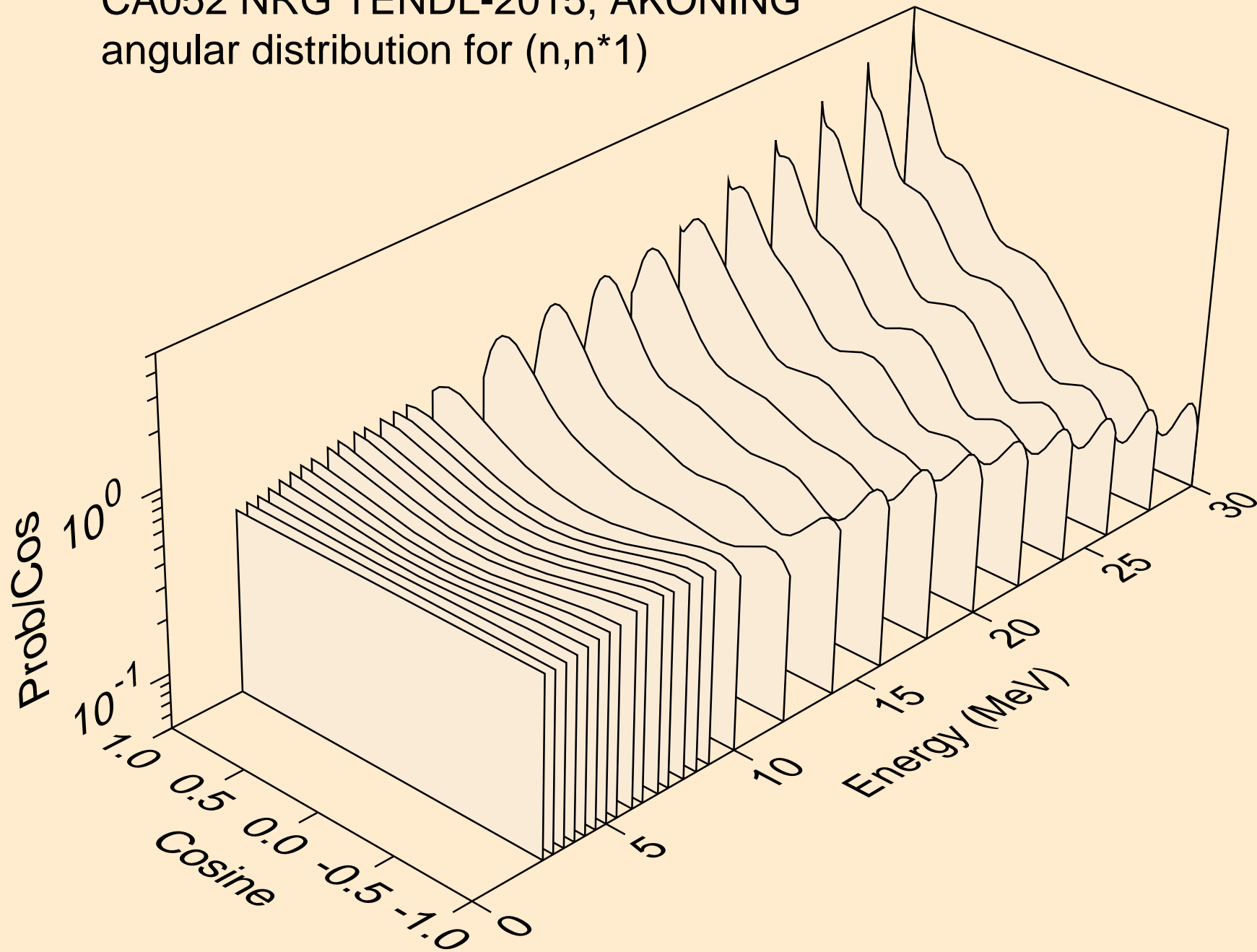
CA052 NRG TENDL-2015, AKONING  
angular distribution for elastic



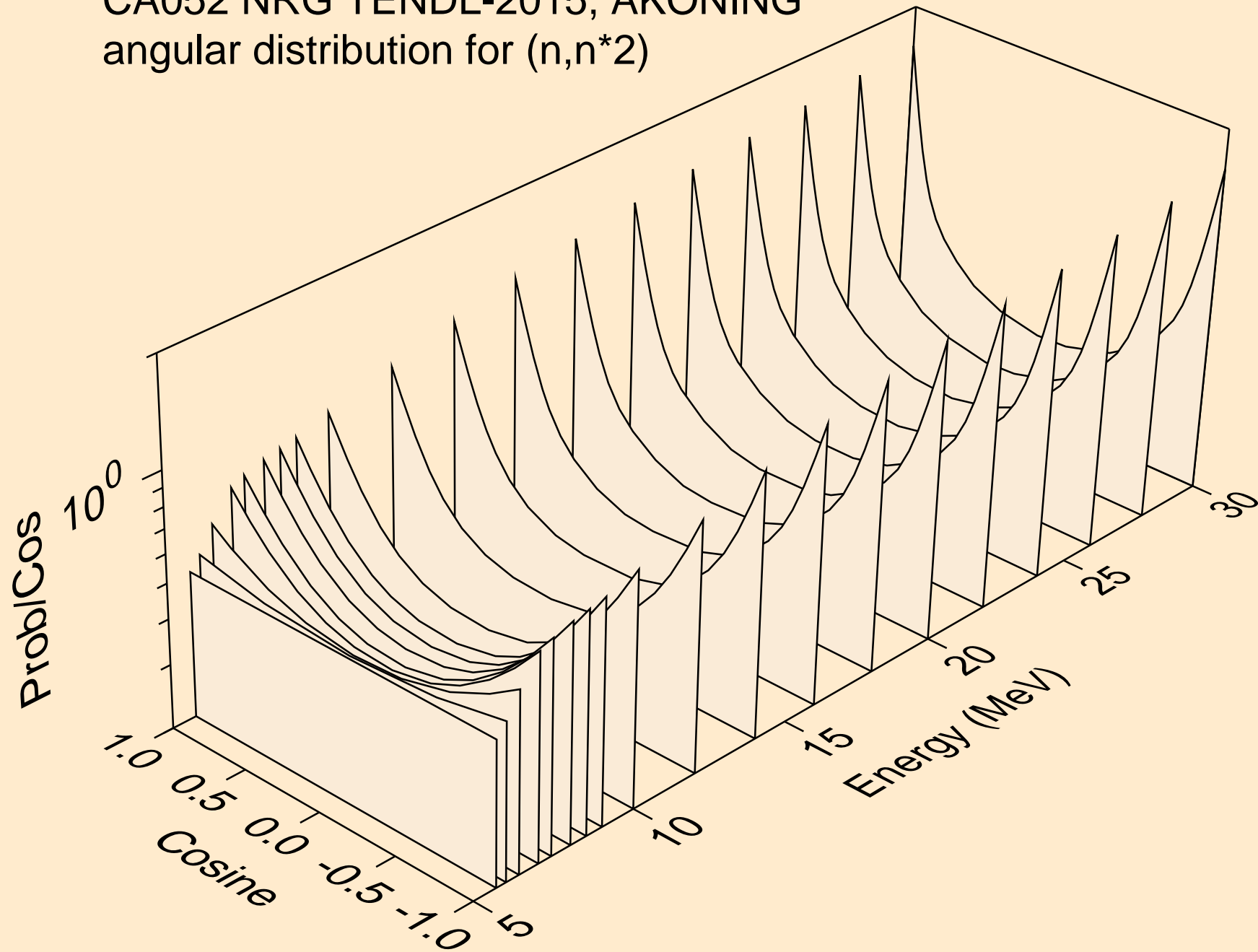
CA052 NRG TENDL-2015, AKONING  
angular distribution for elastic



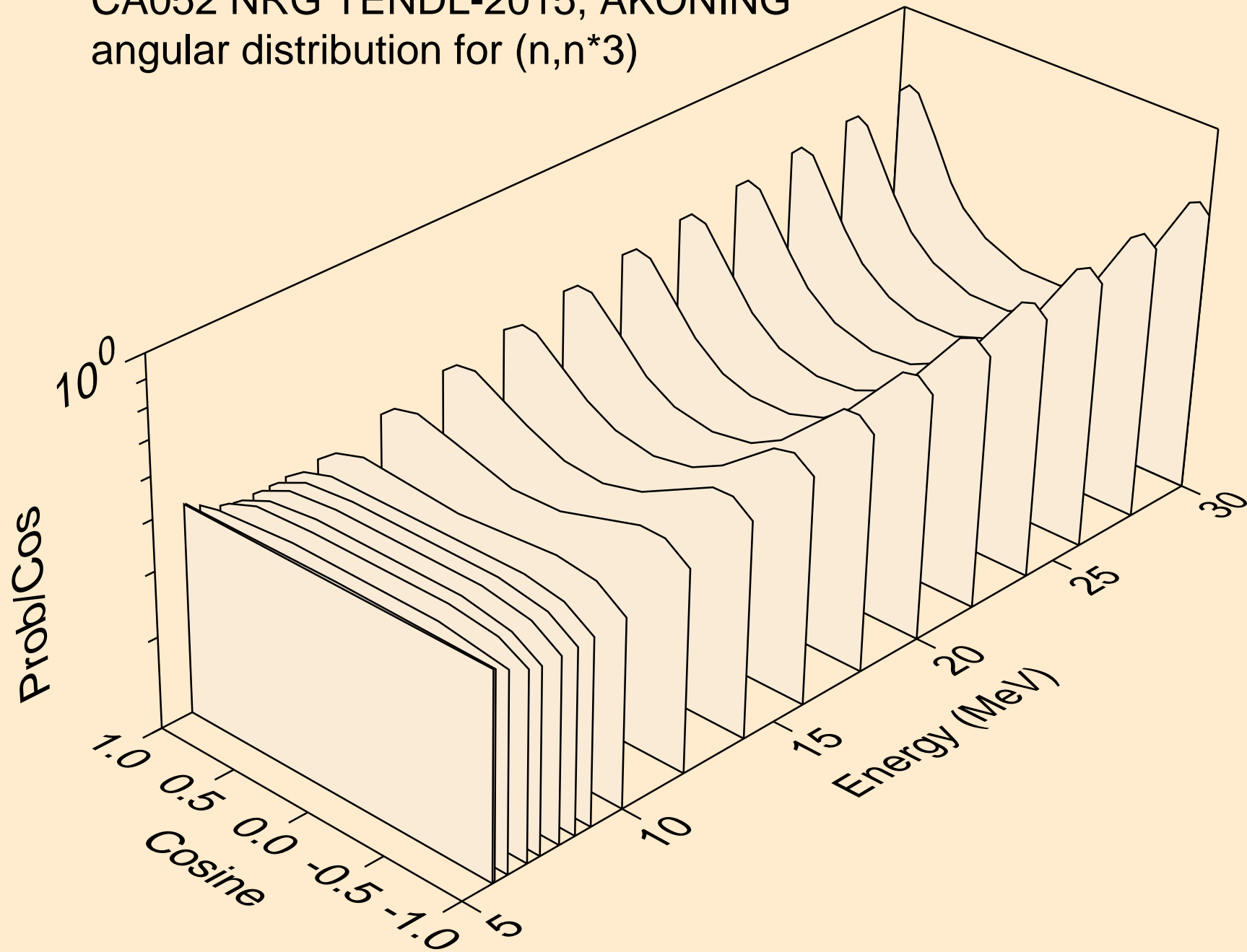
CA052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



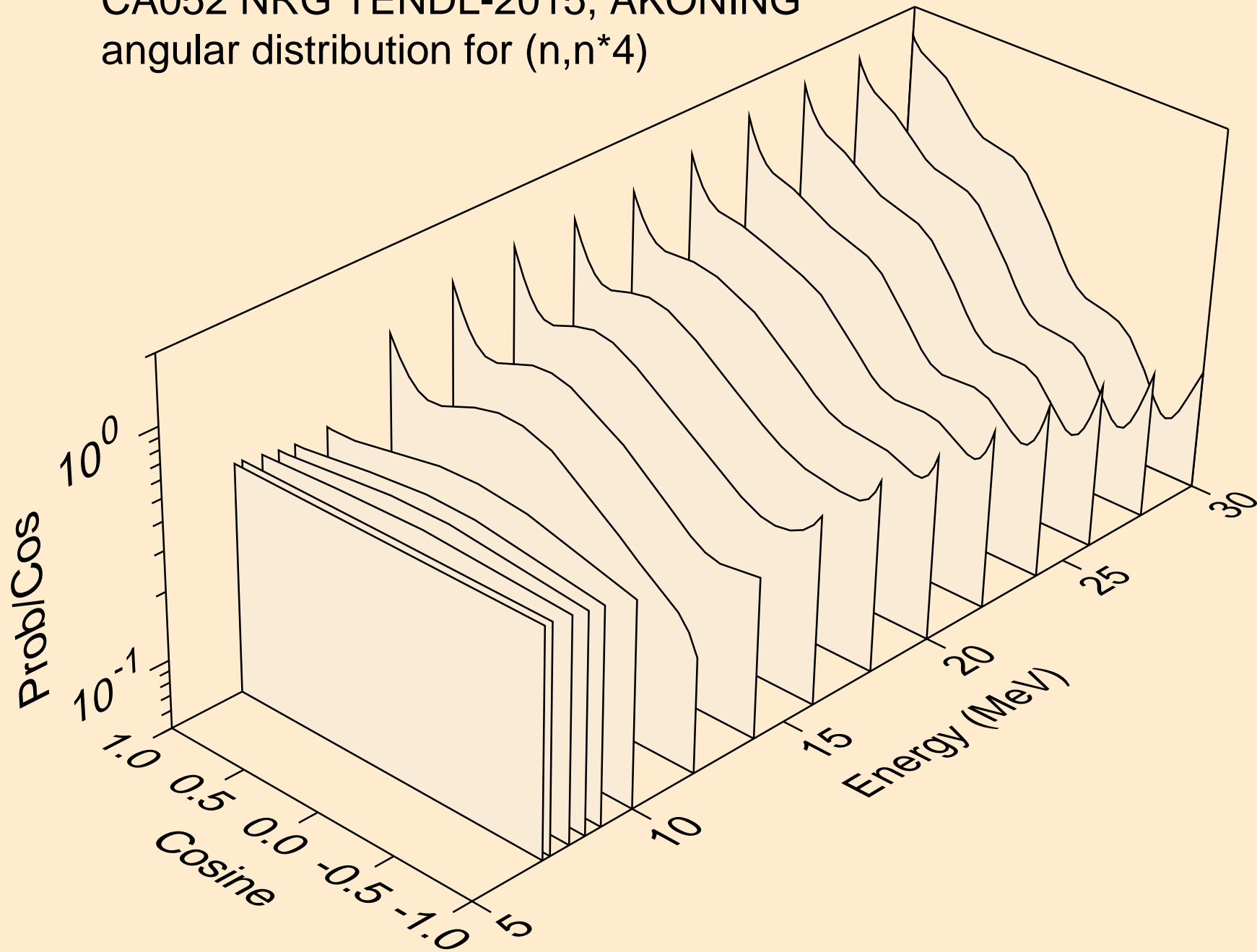
CA052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



CA052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

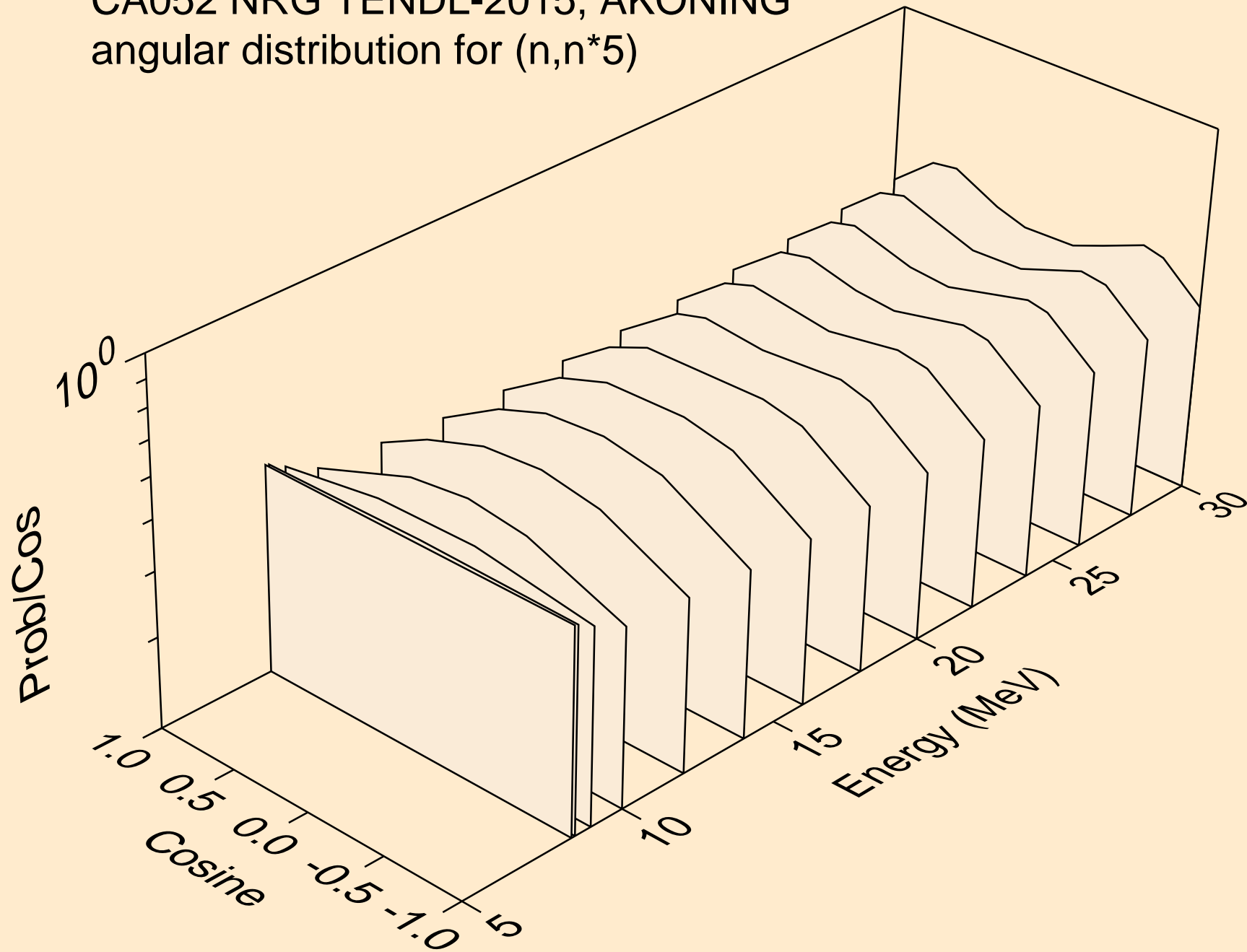


CA052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

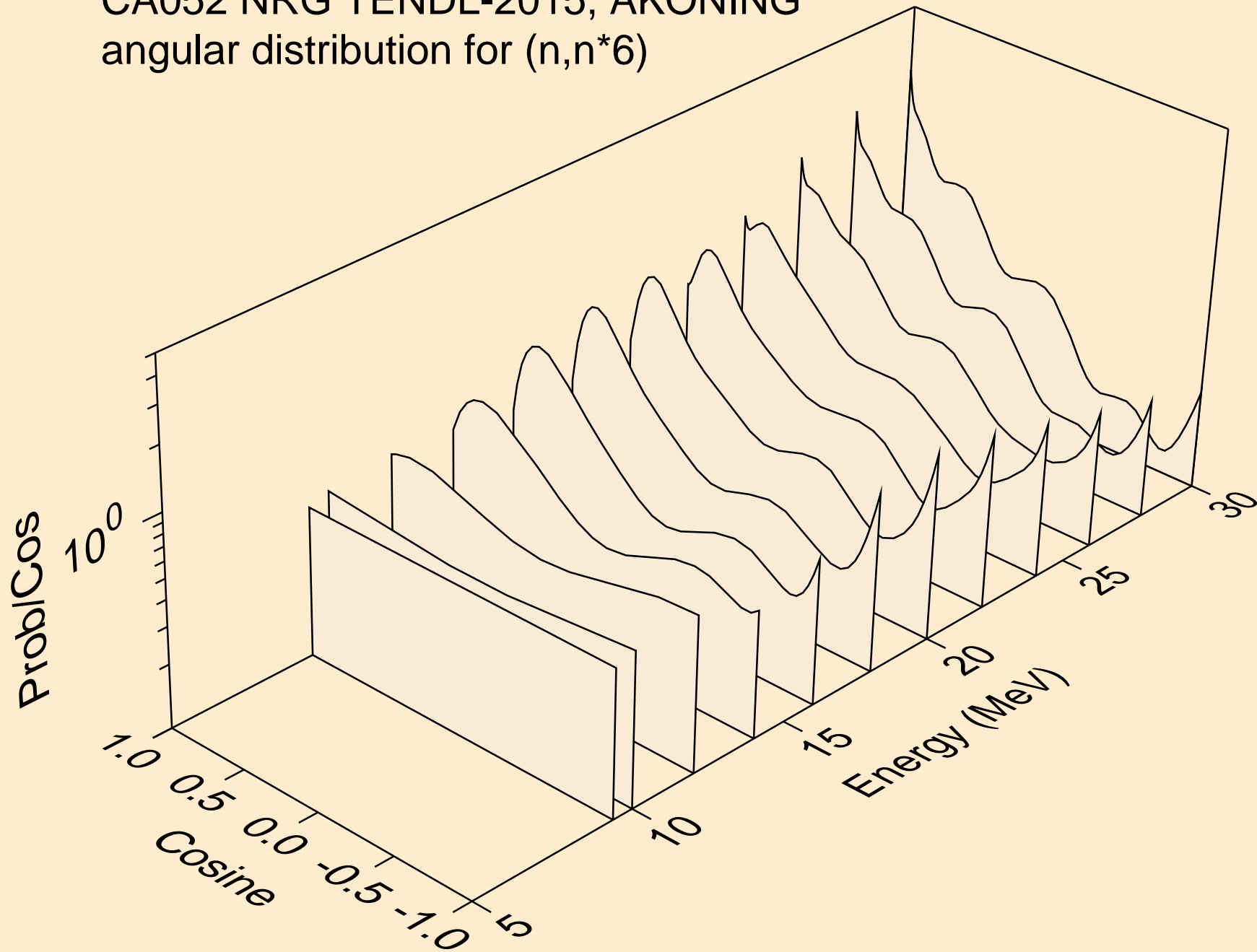




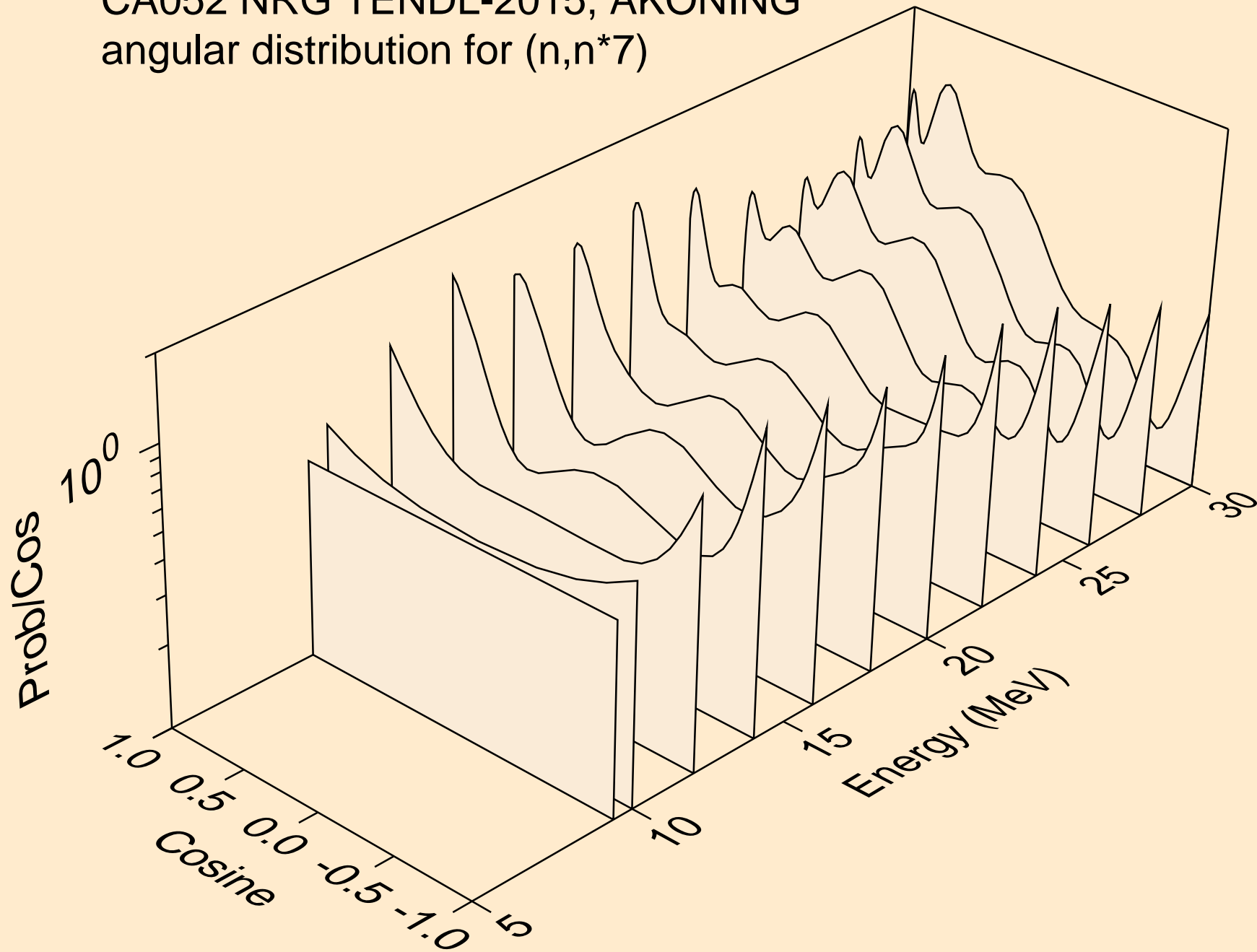
CA052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



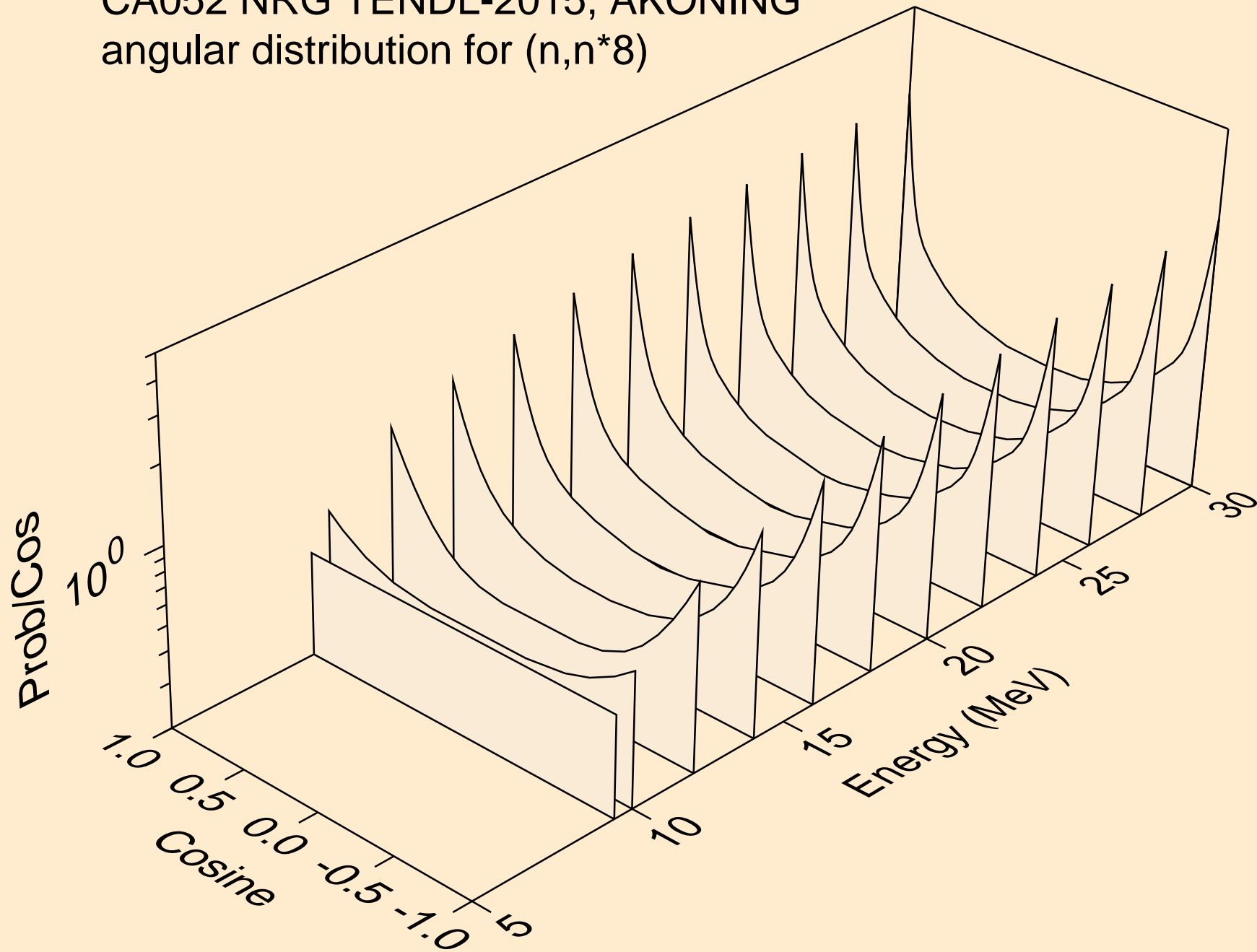
CA052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



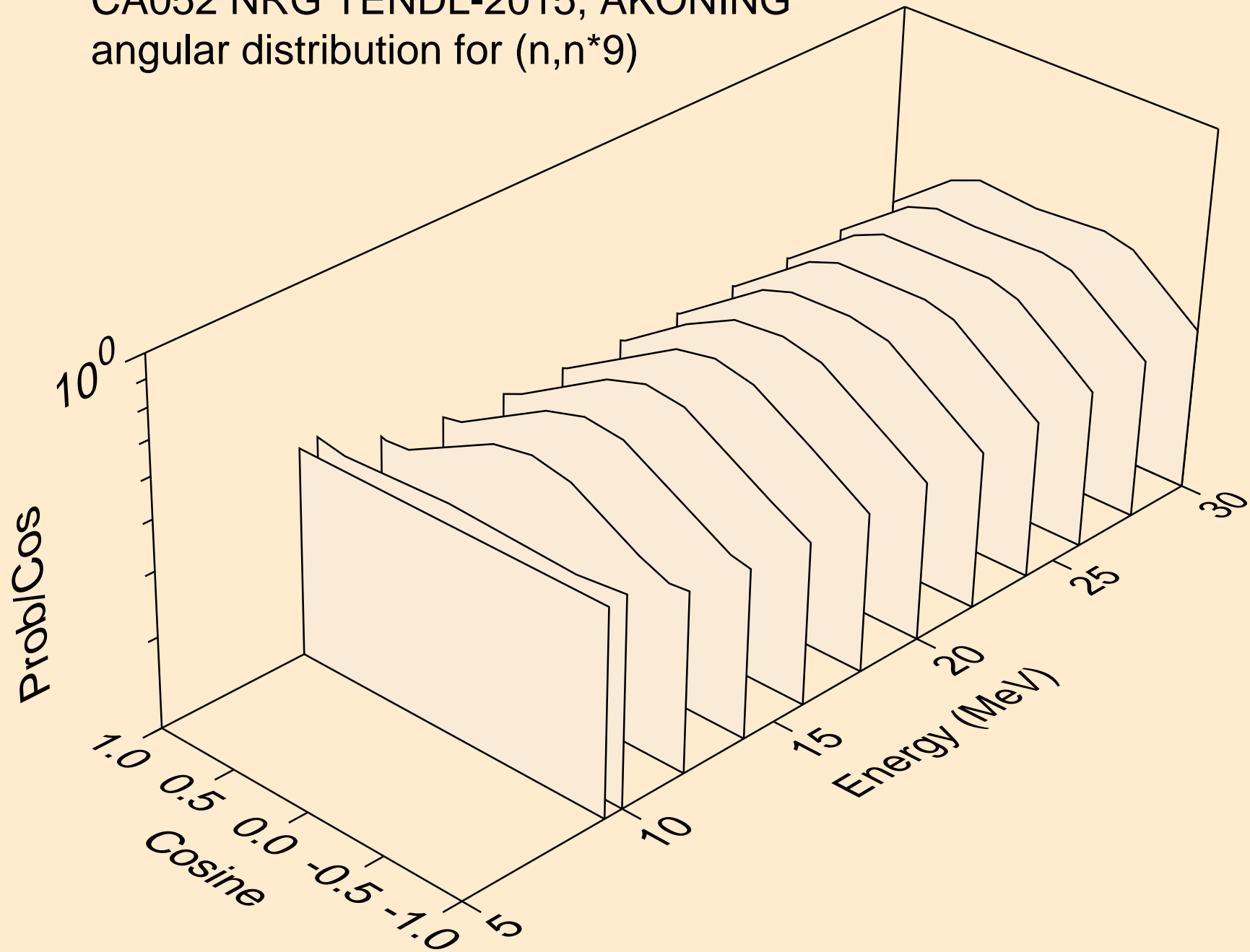
CA052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



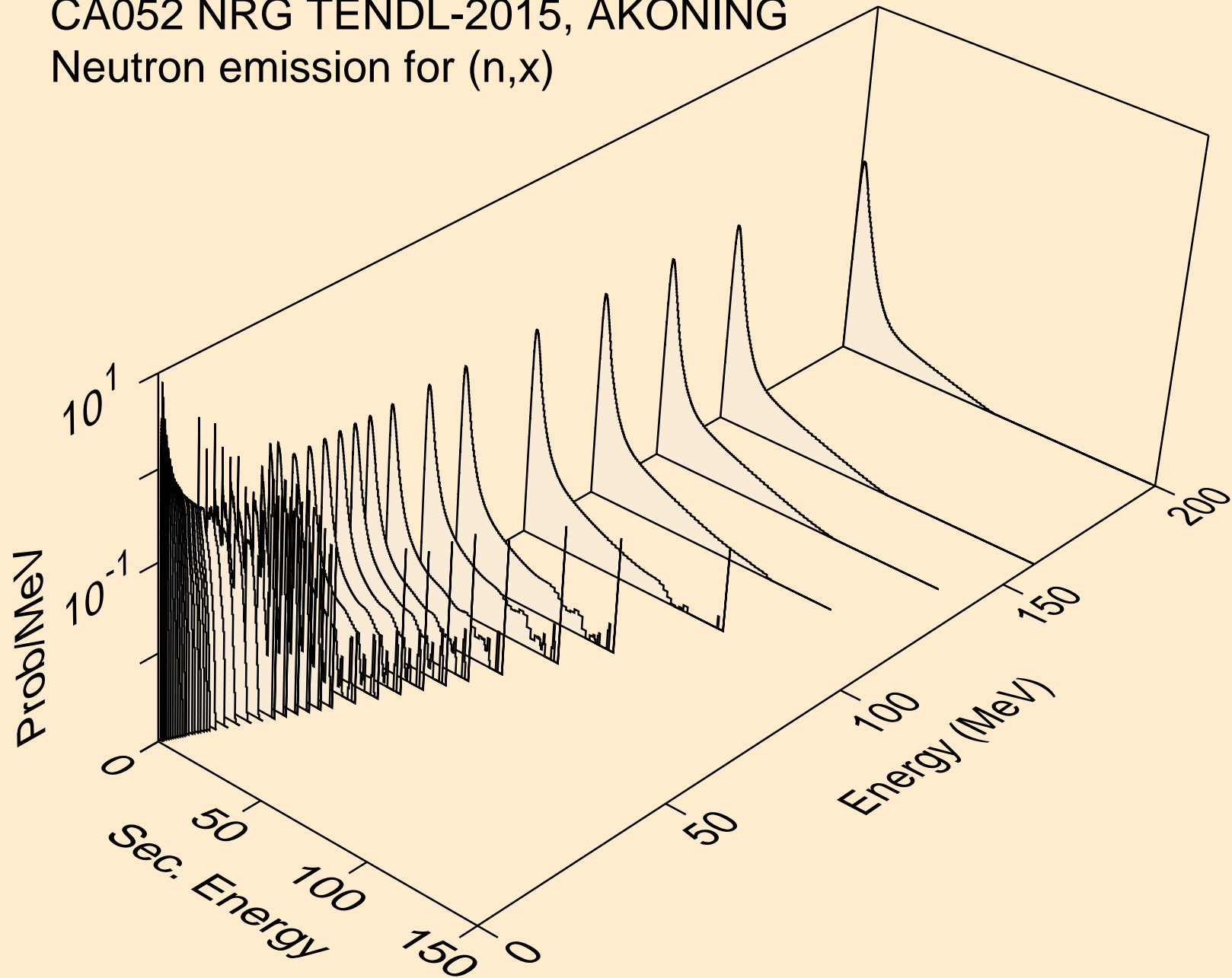
CA052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



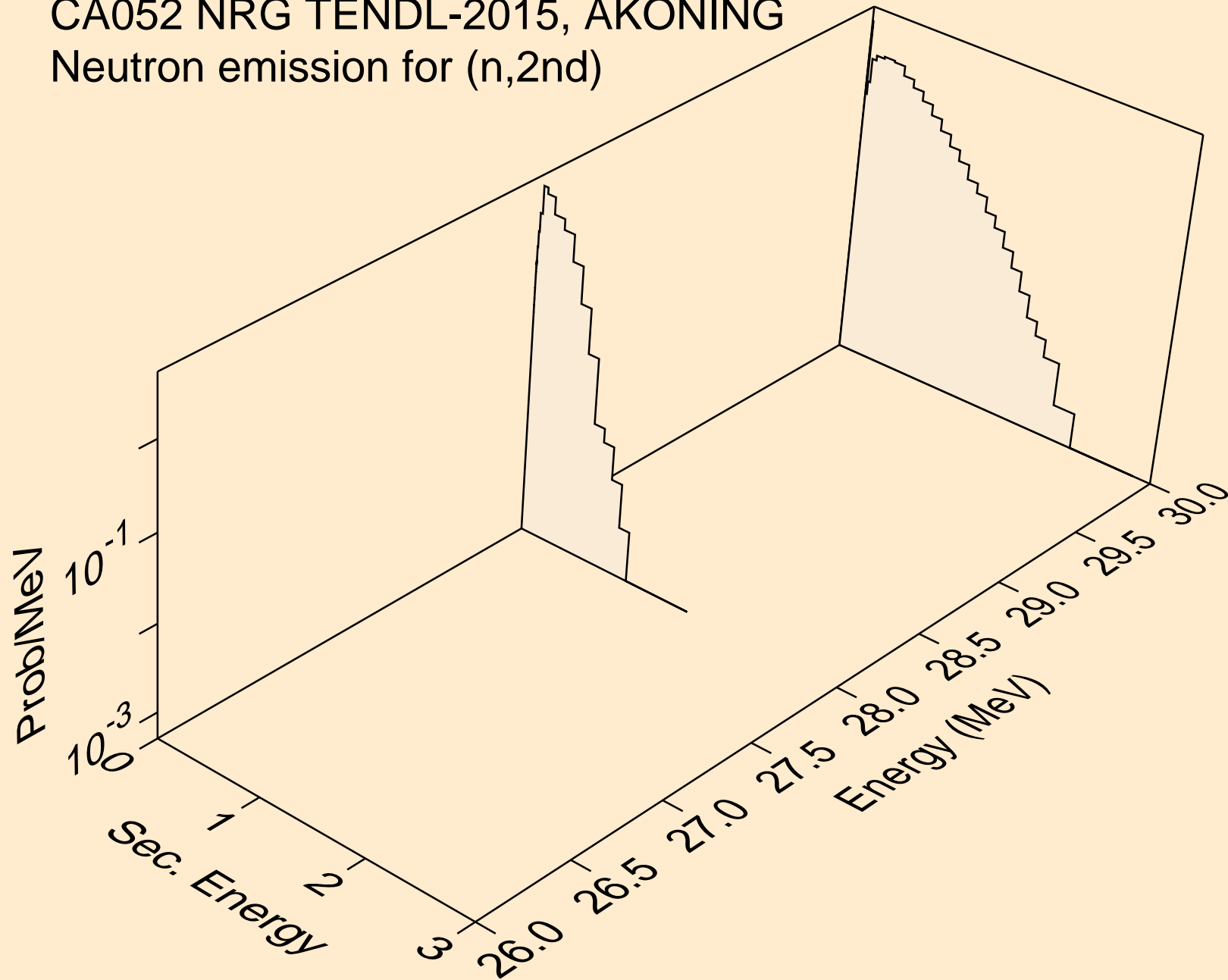
CA052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



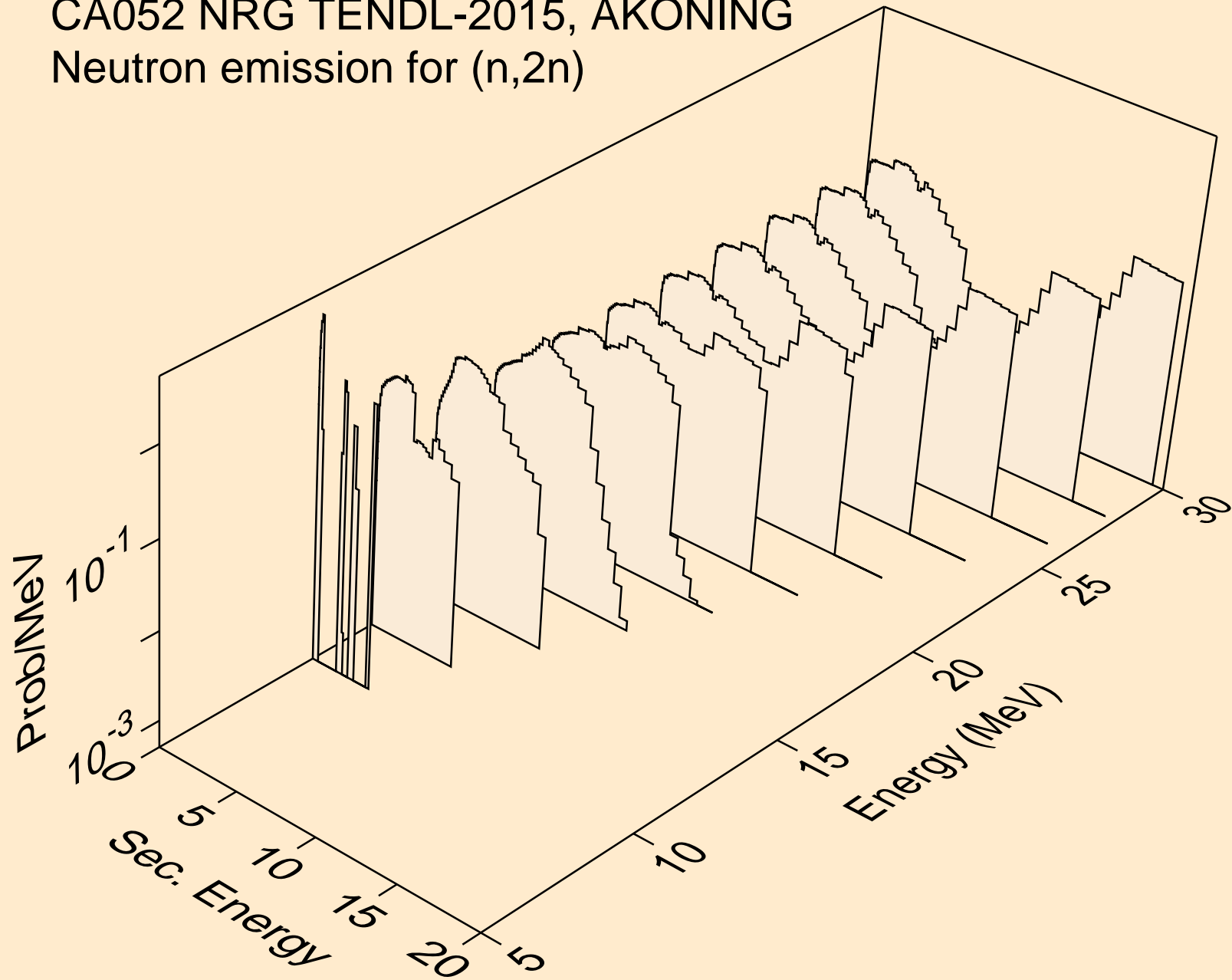
CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

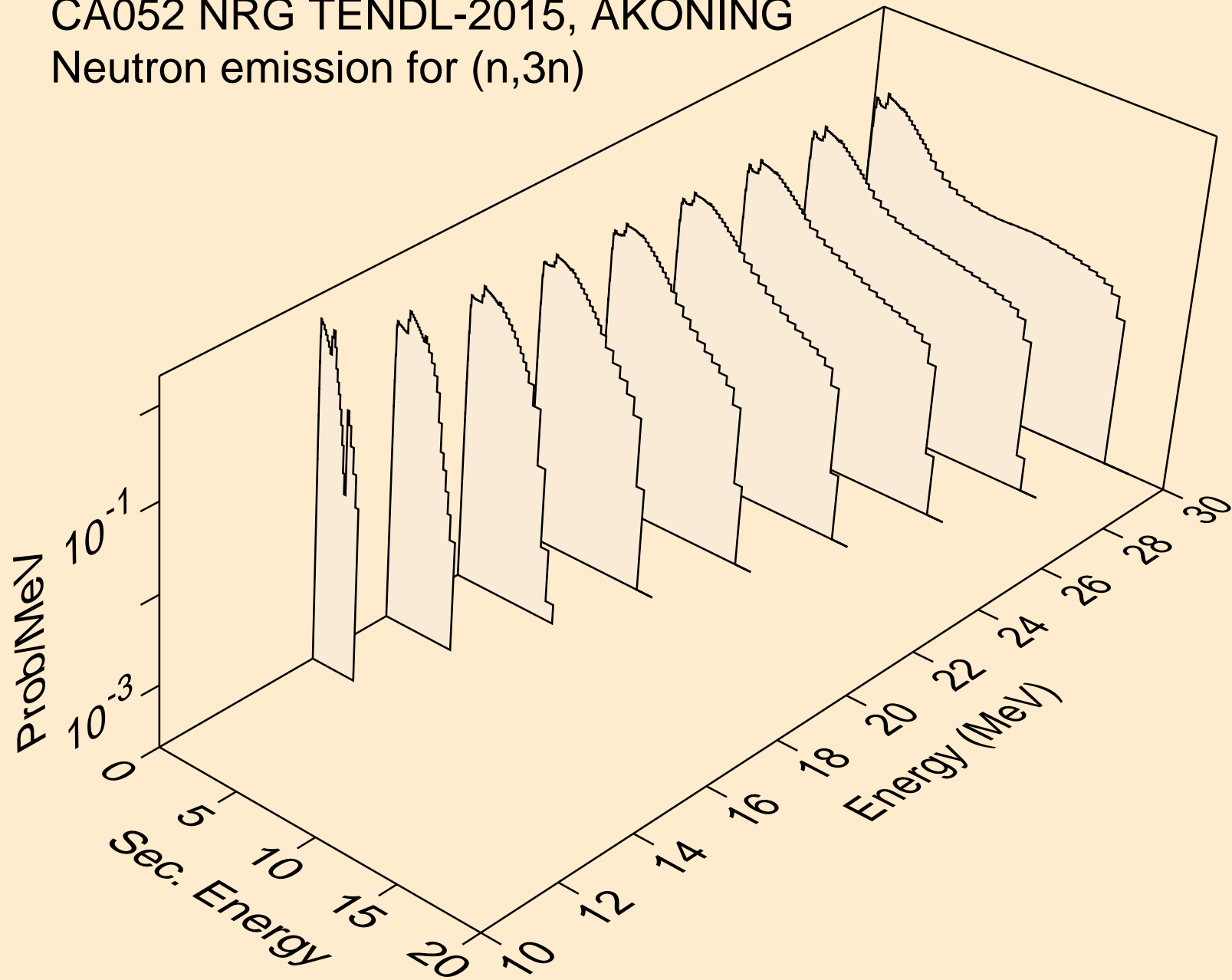


CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

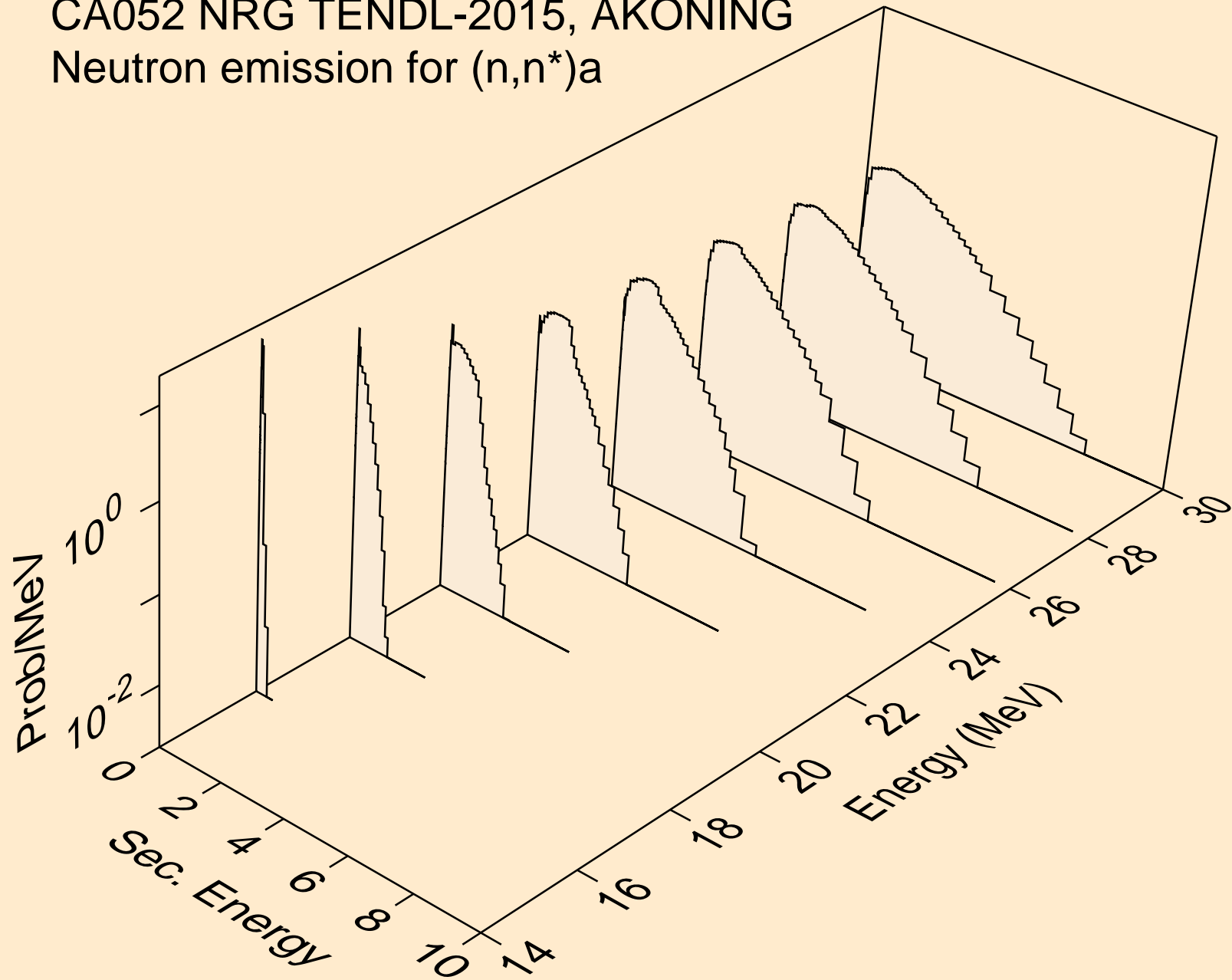




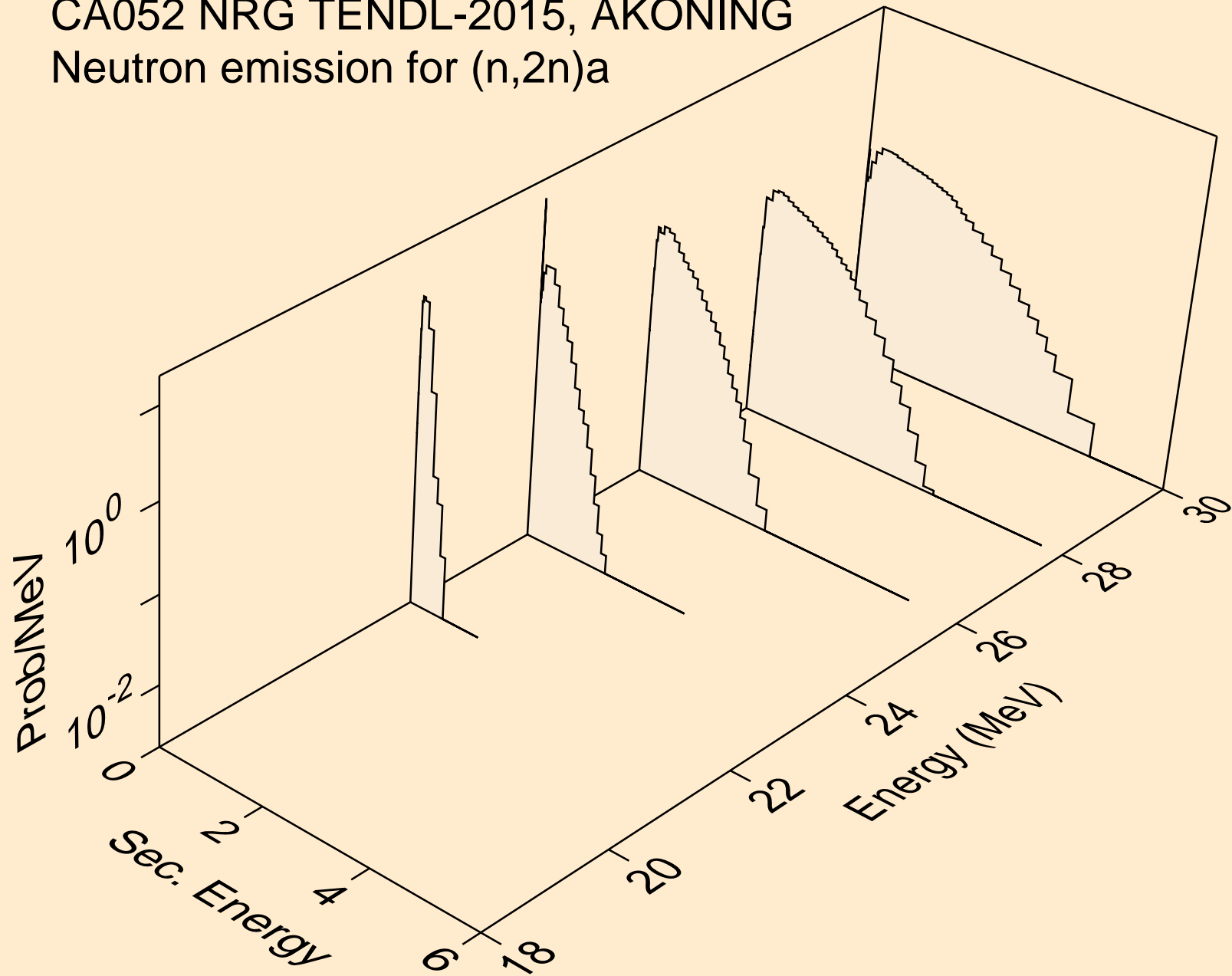
CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



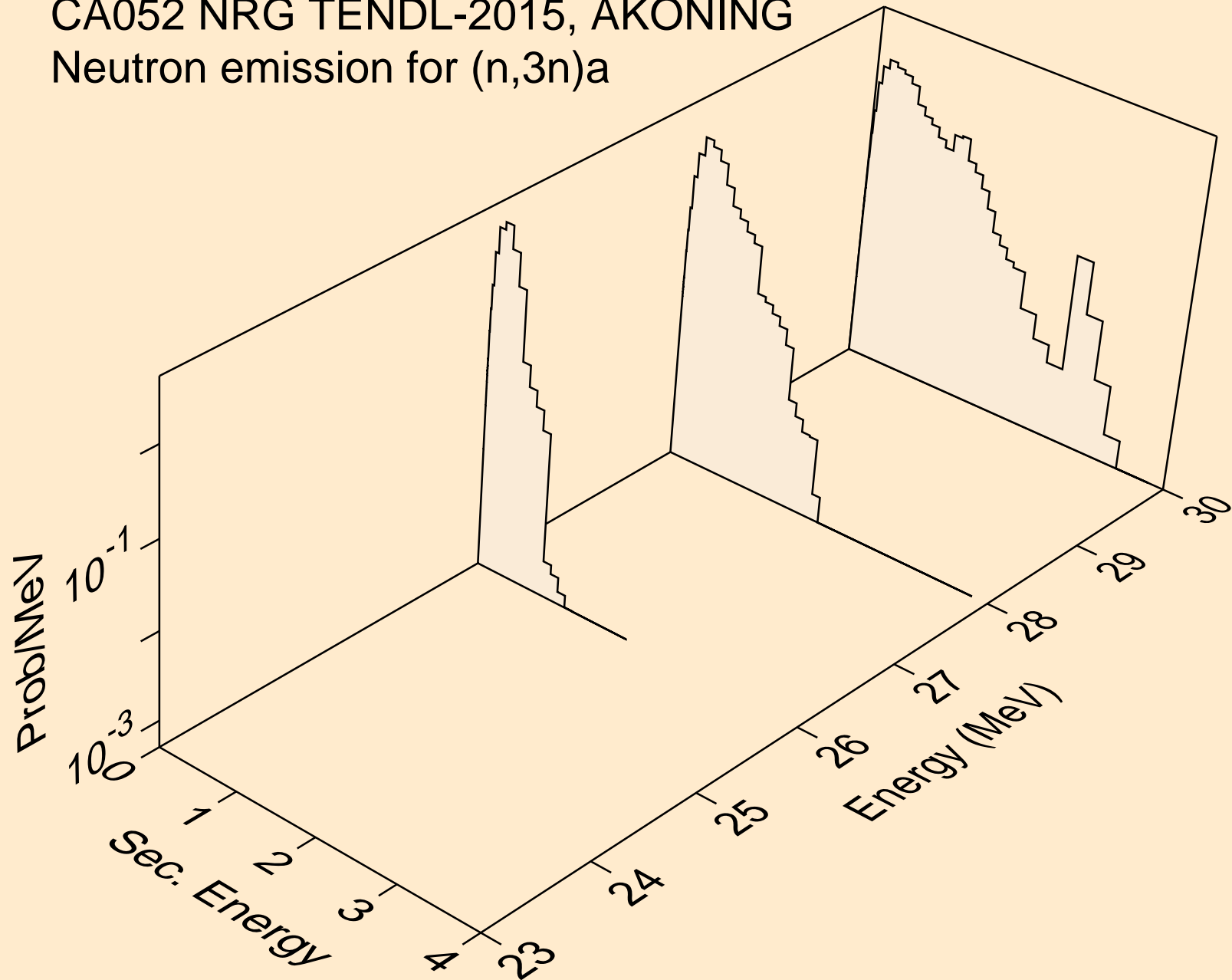
CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



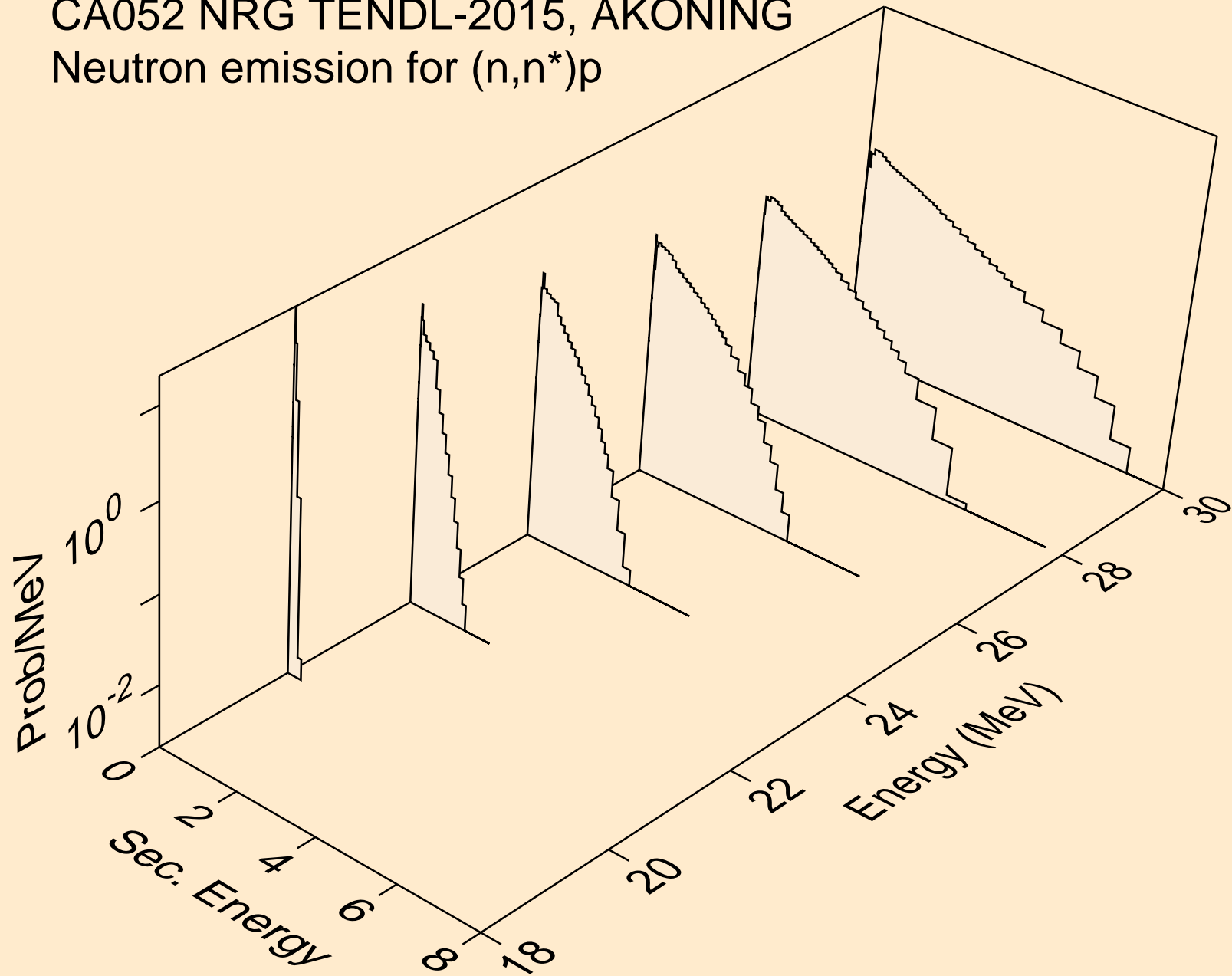
CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



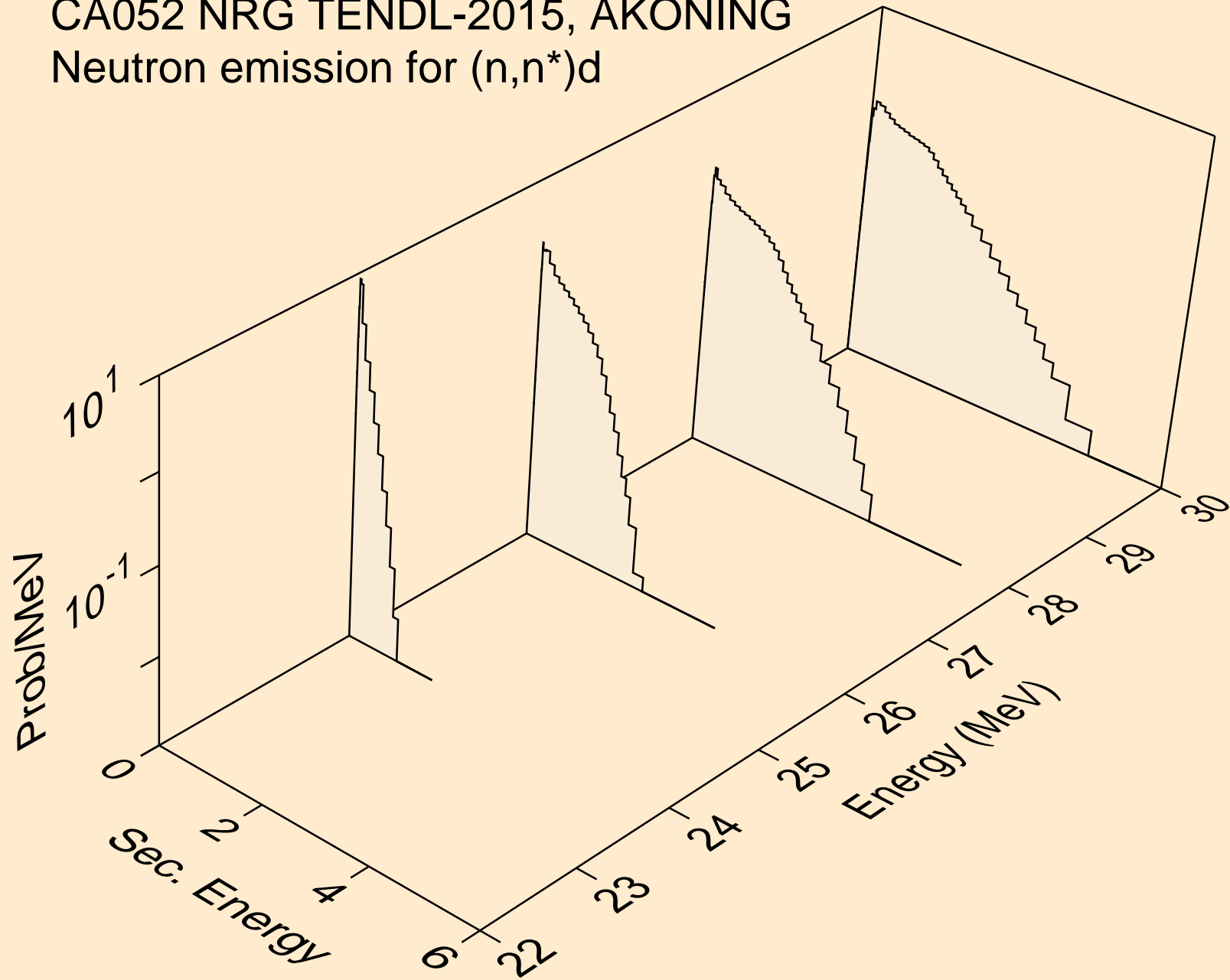
CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



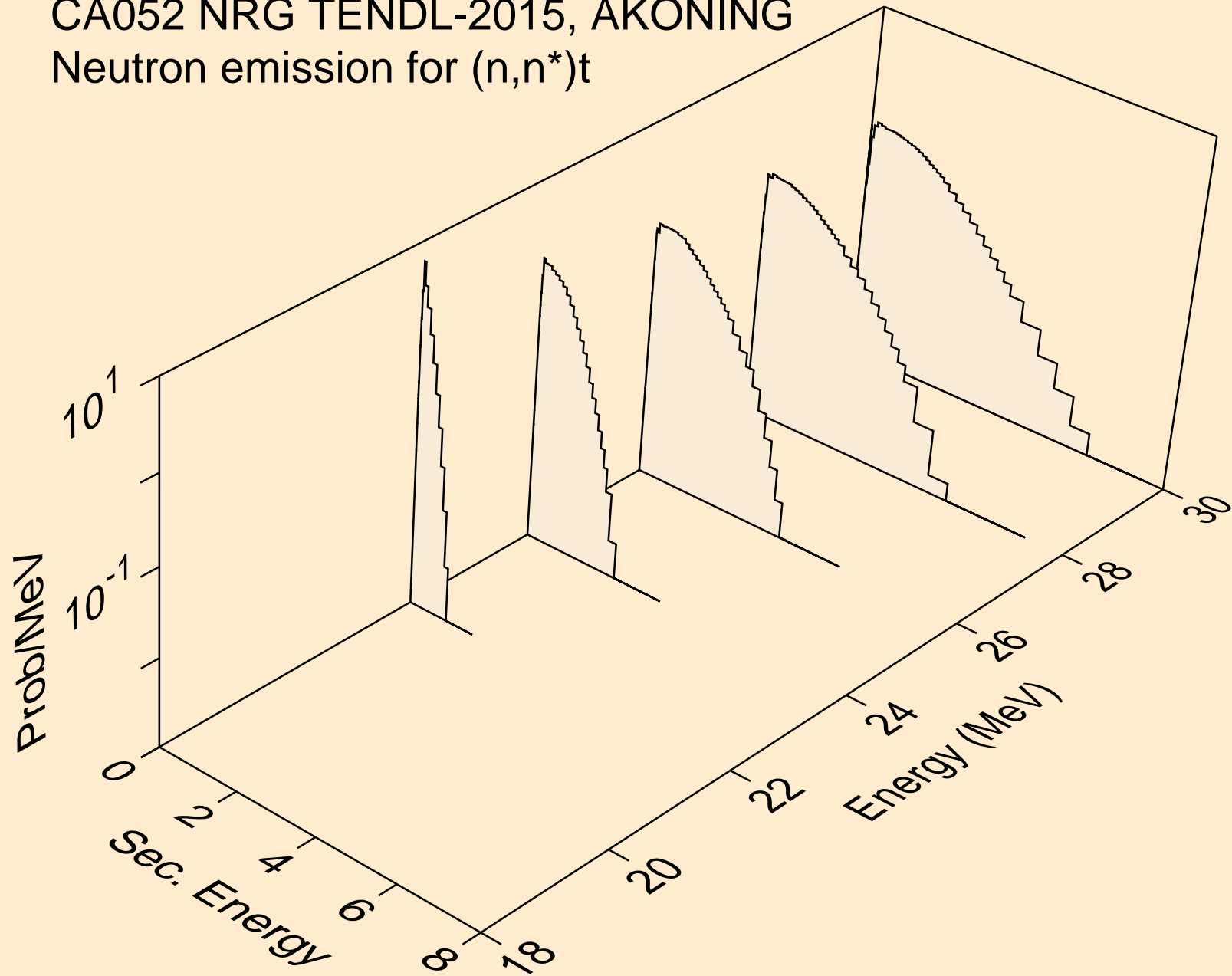
CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



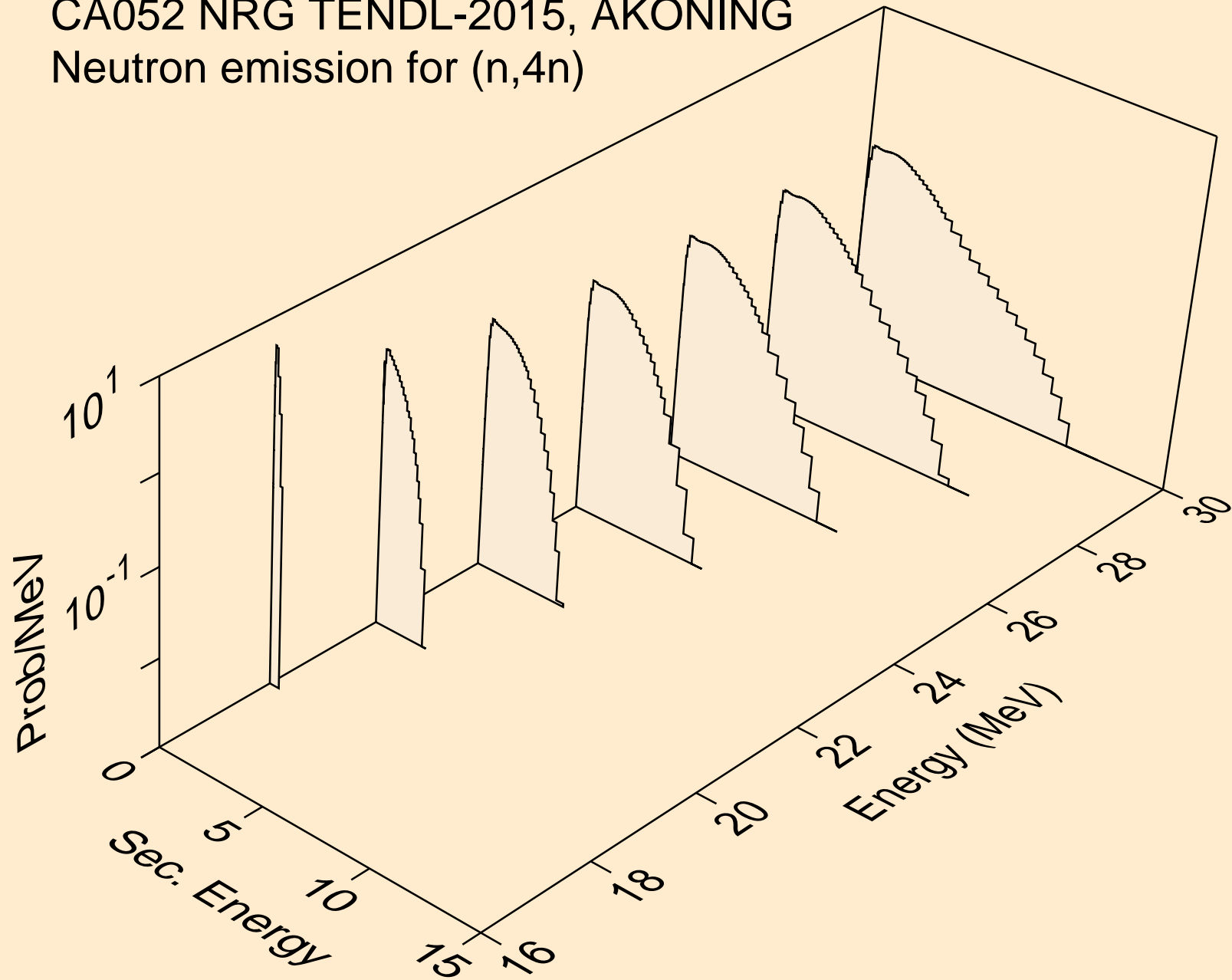
CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

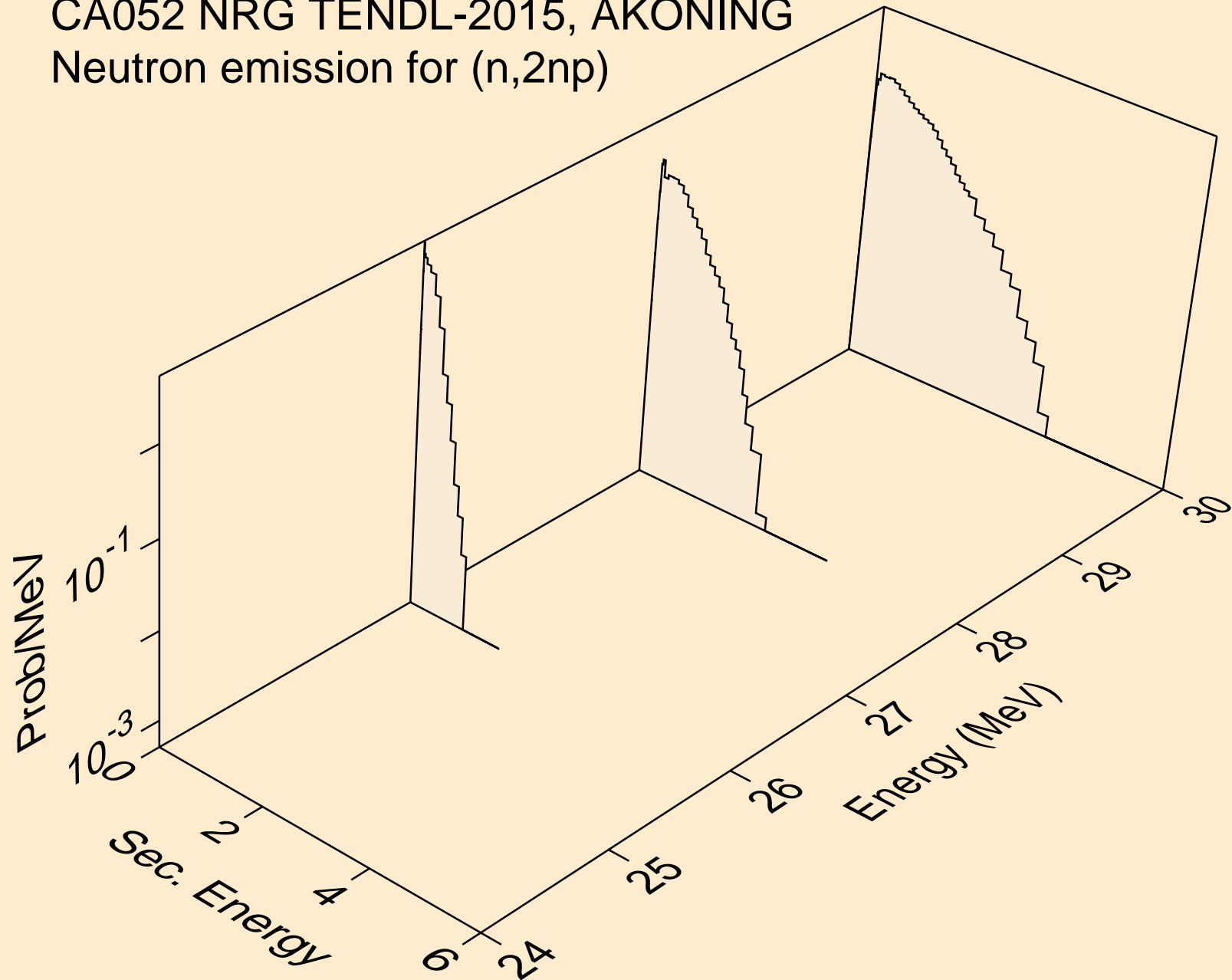


CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

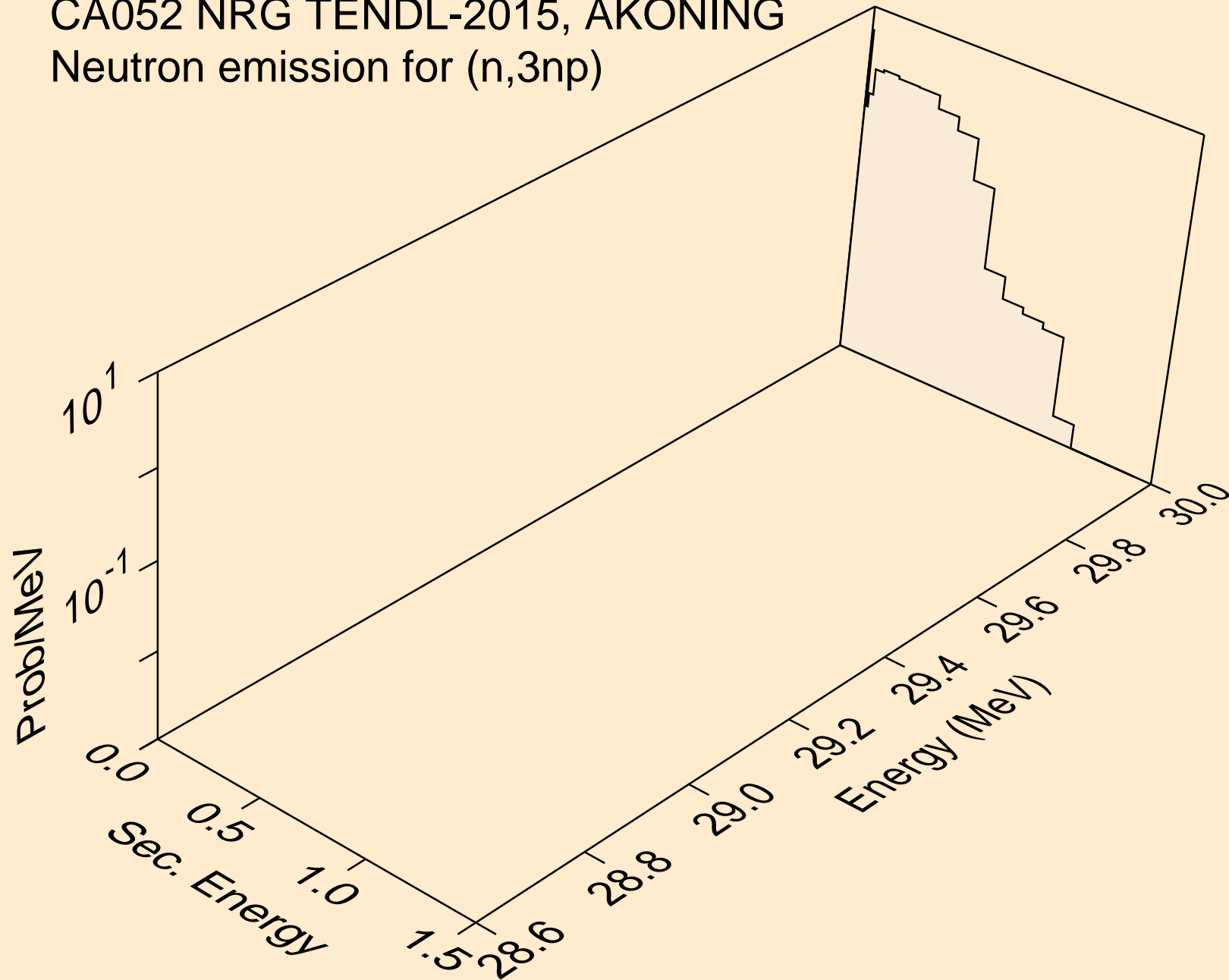




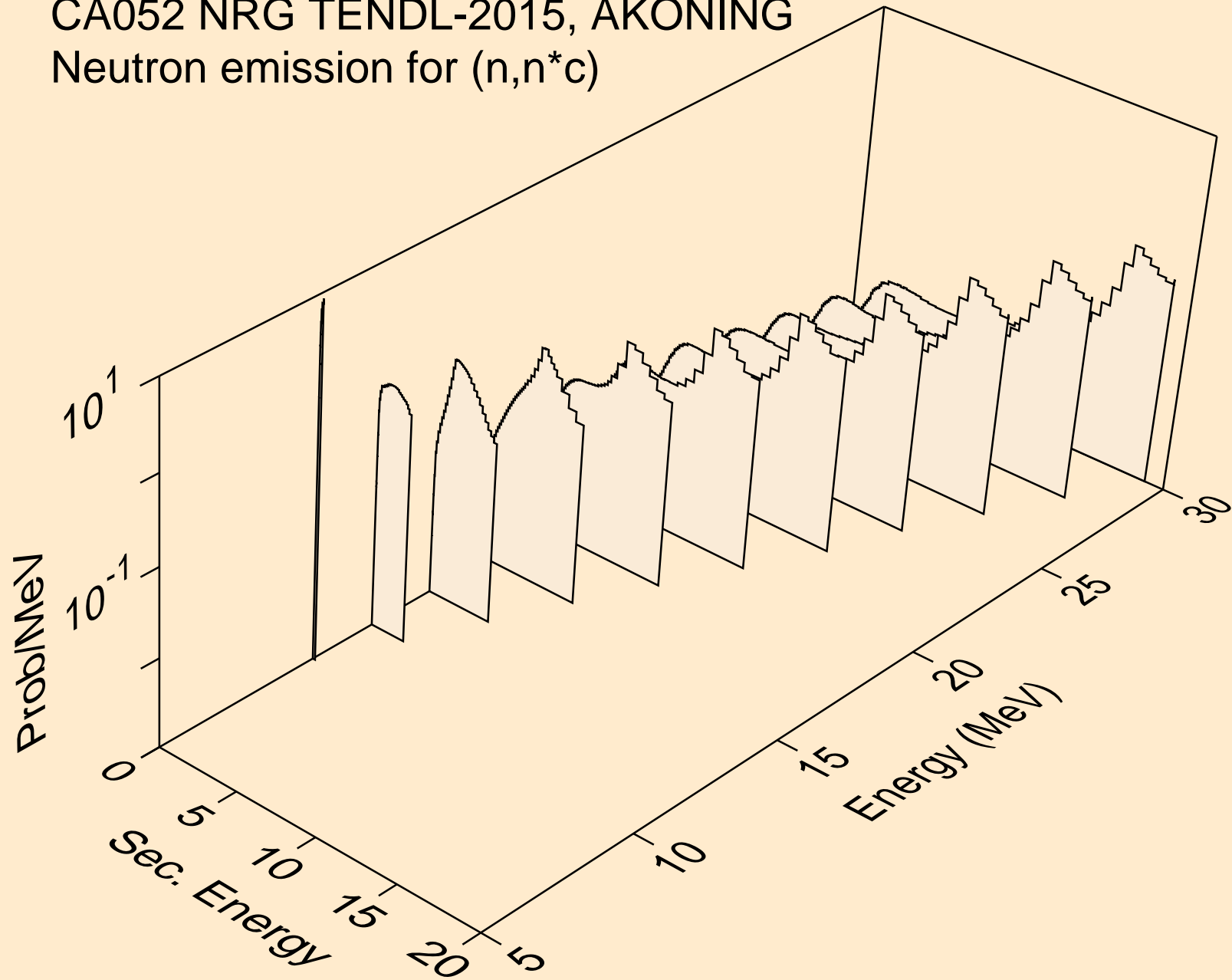
CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



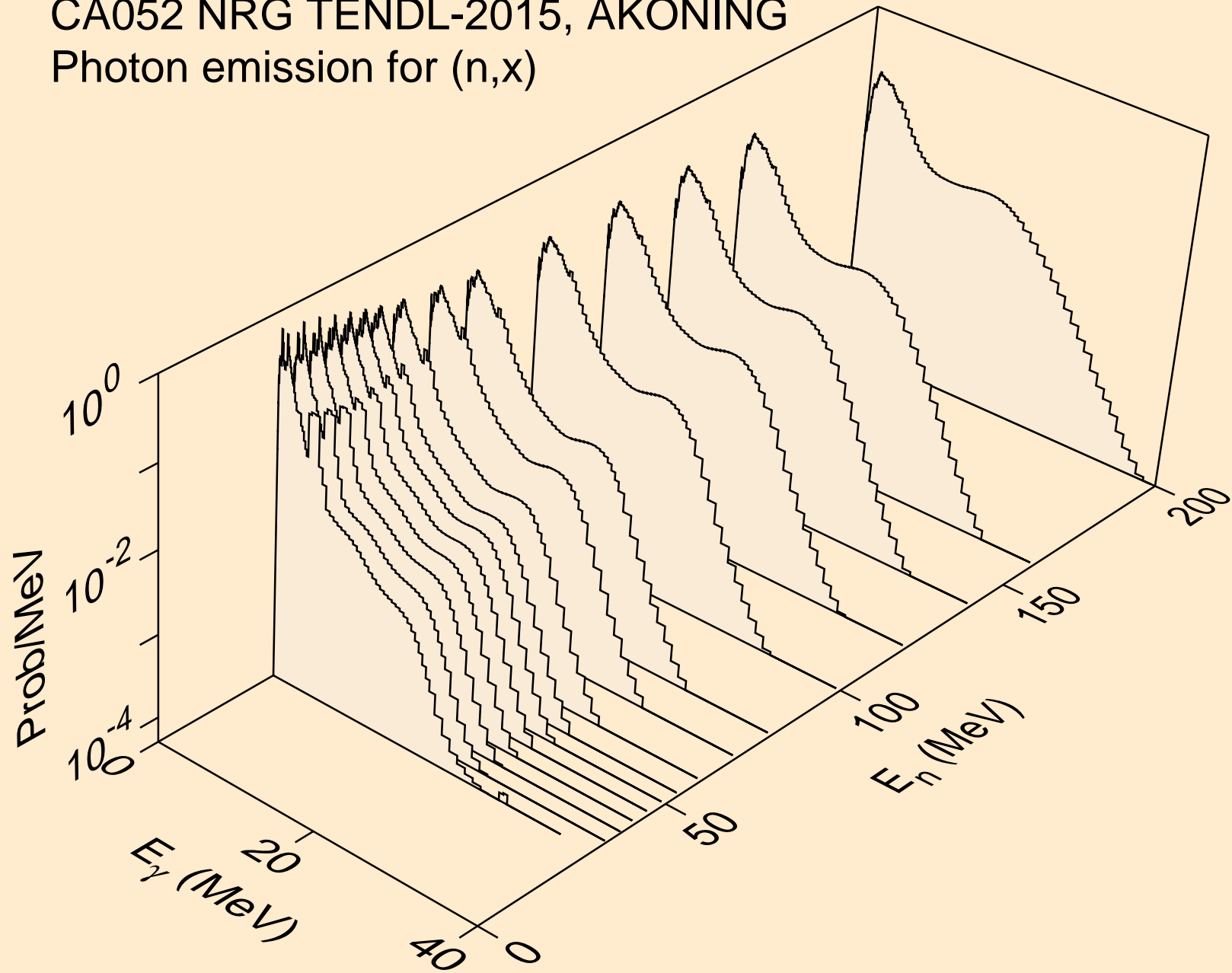
CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



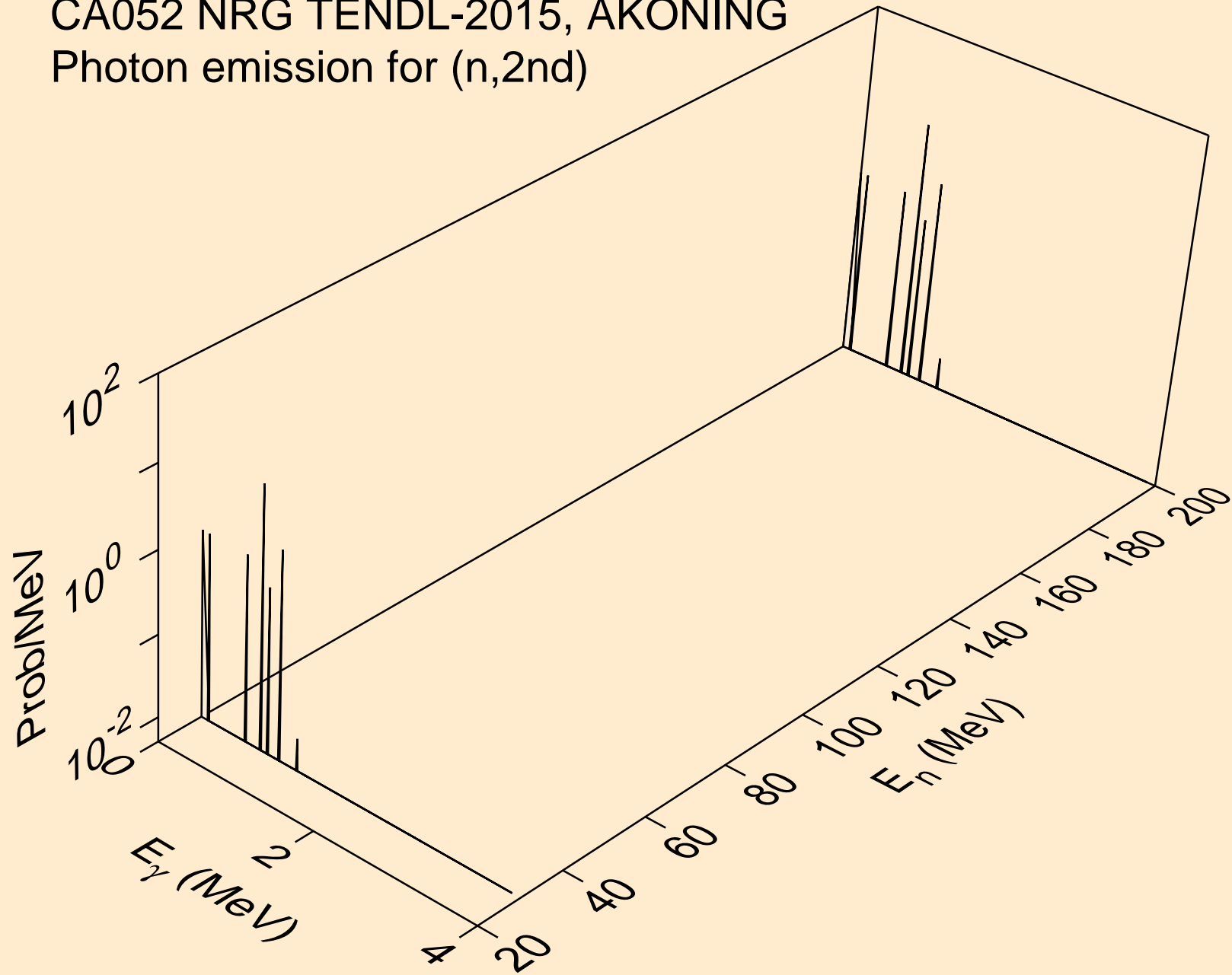
CA052 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



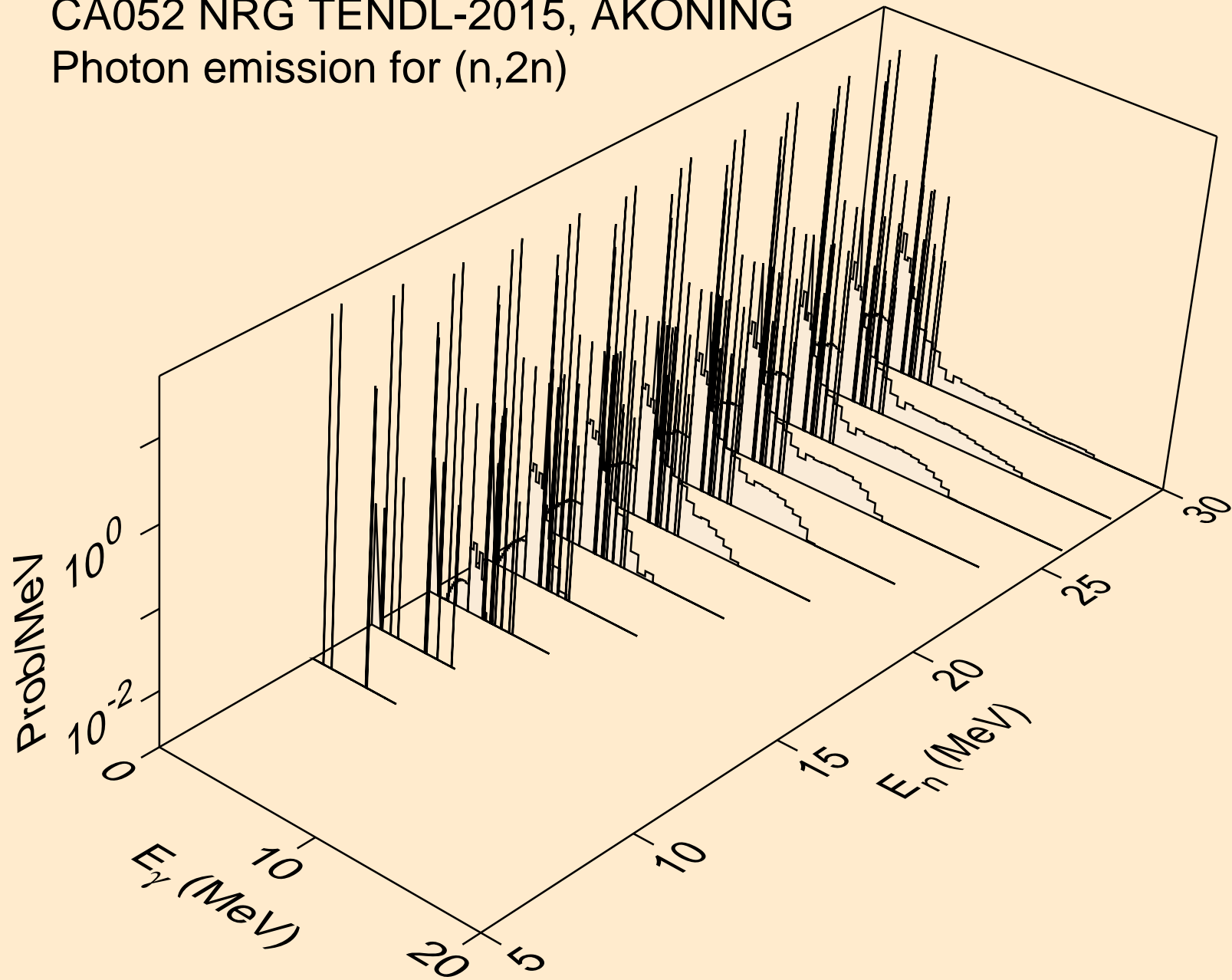
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



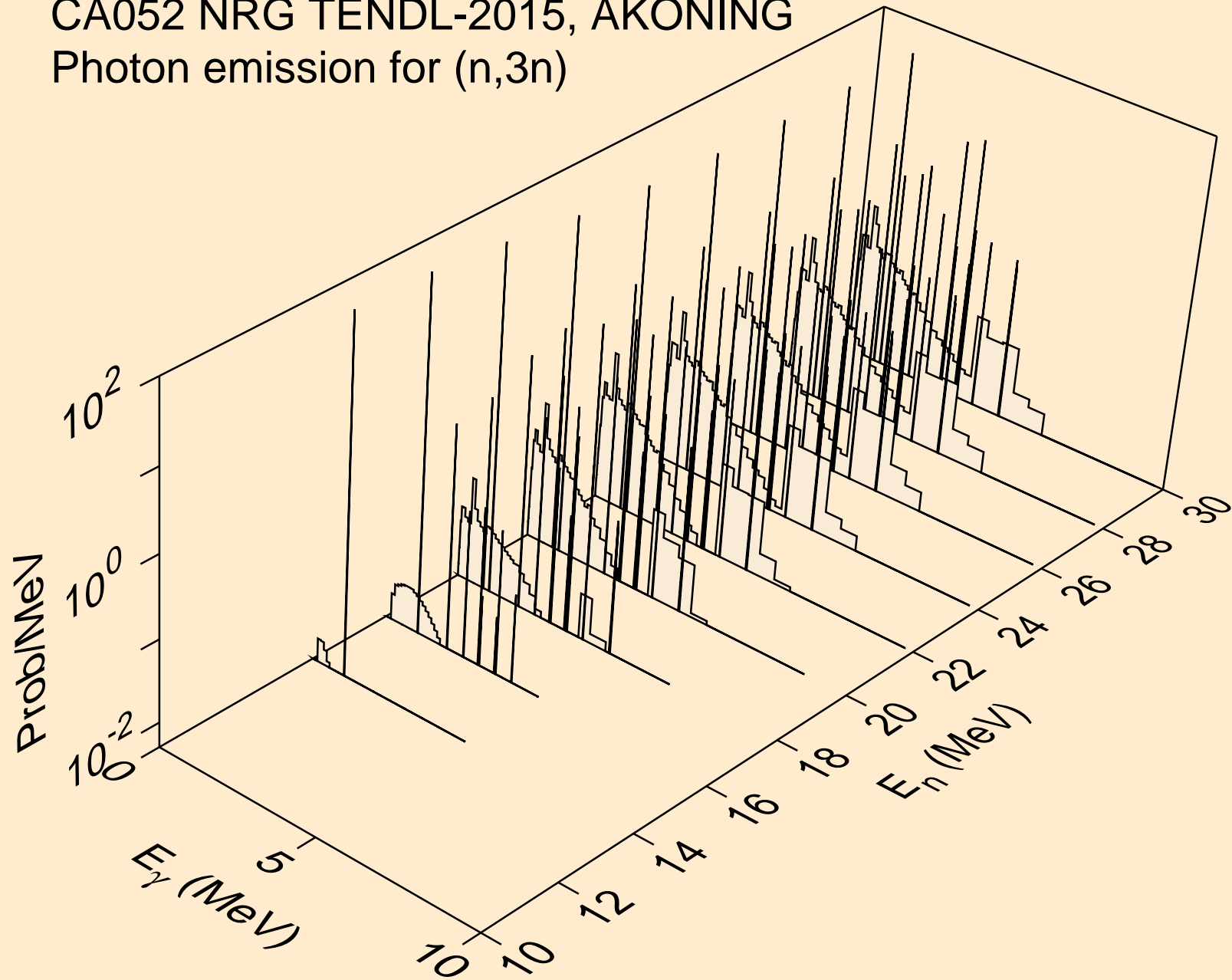
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



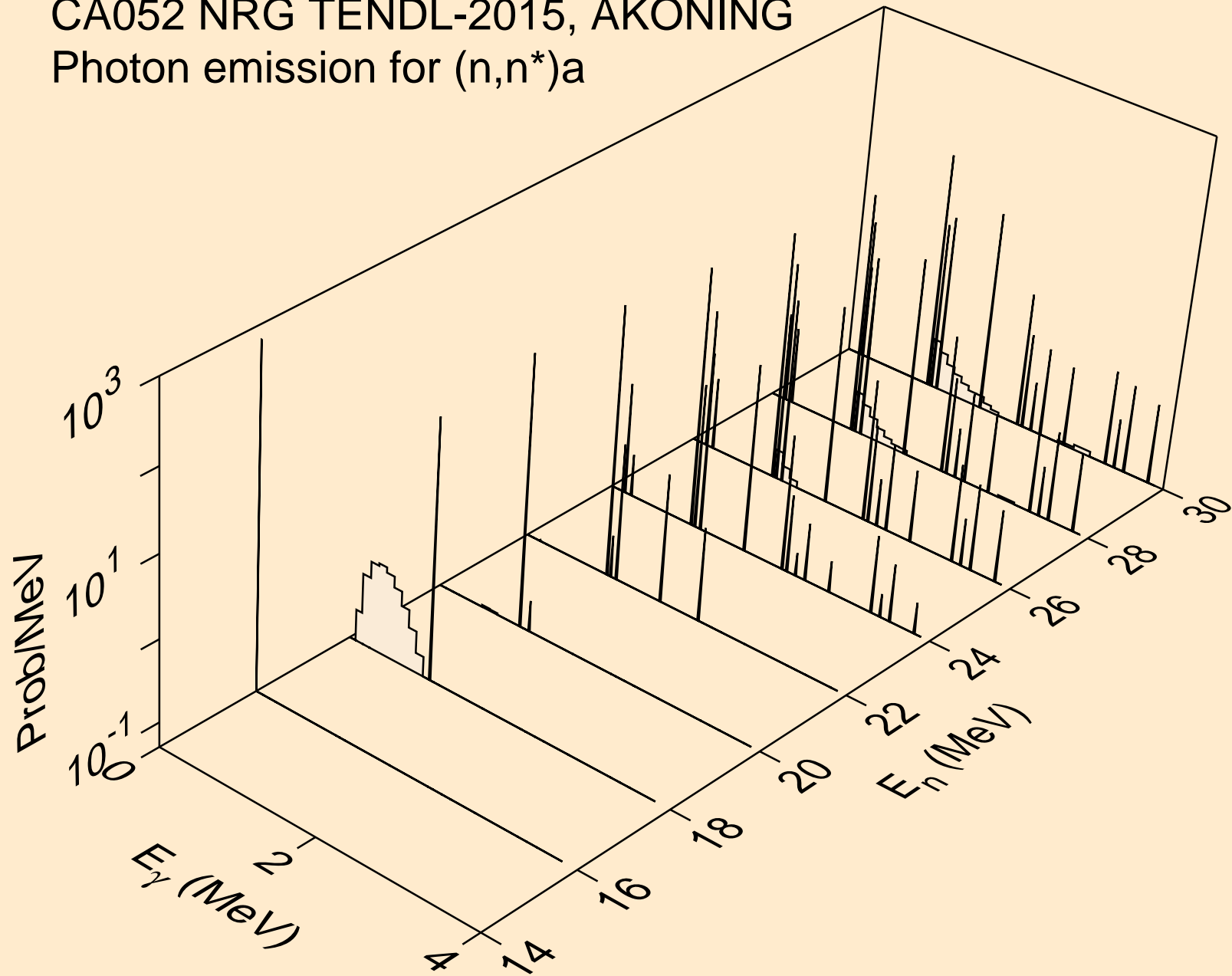
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

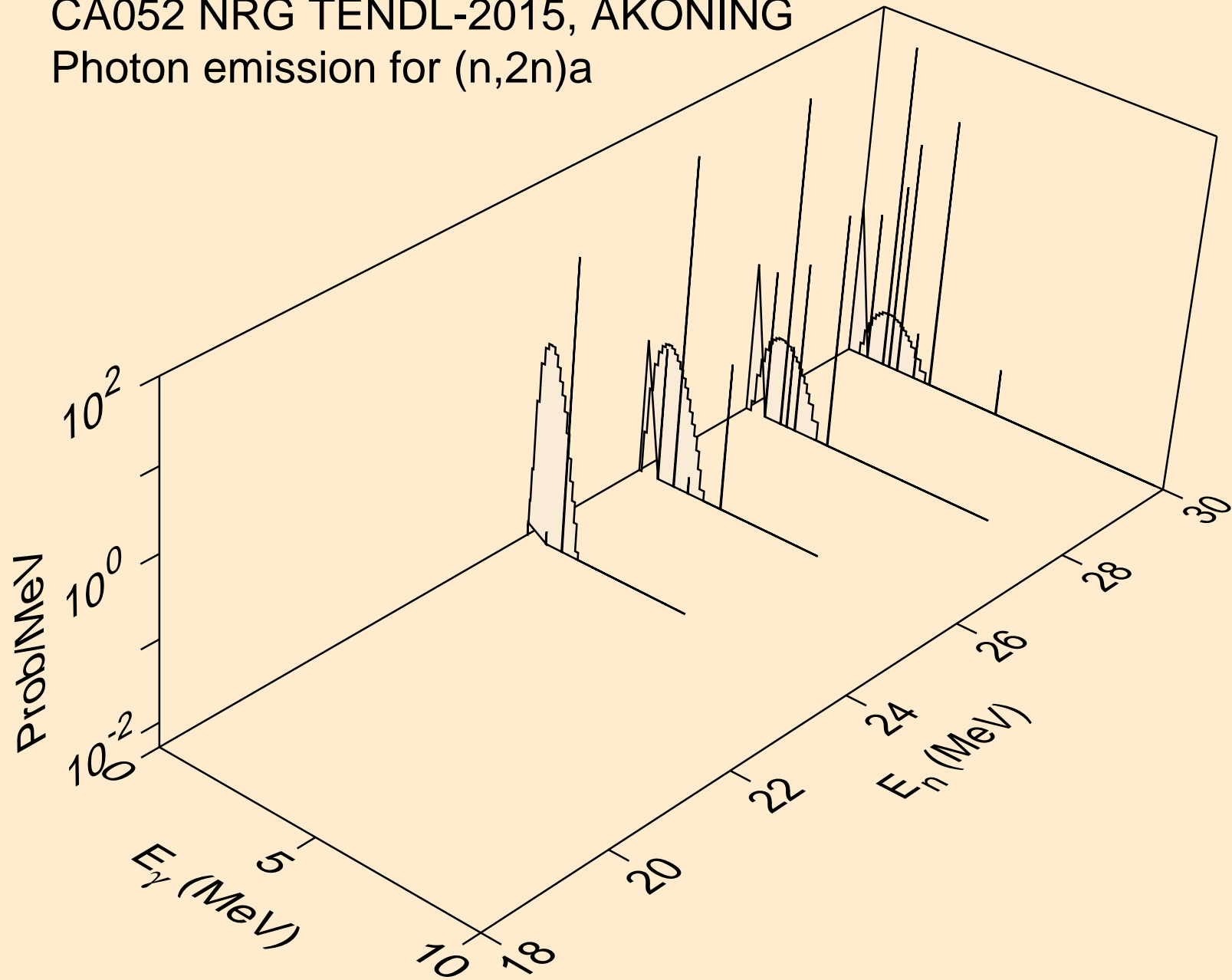


CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

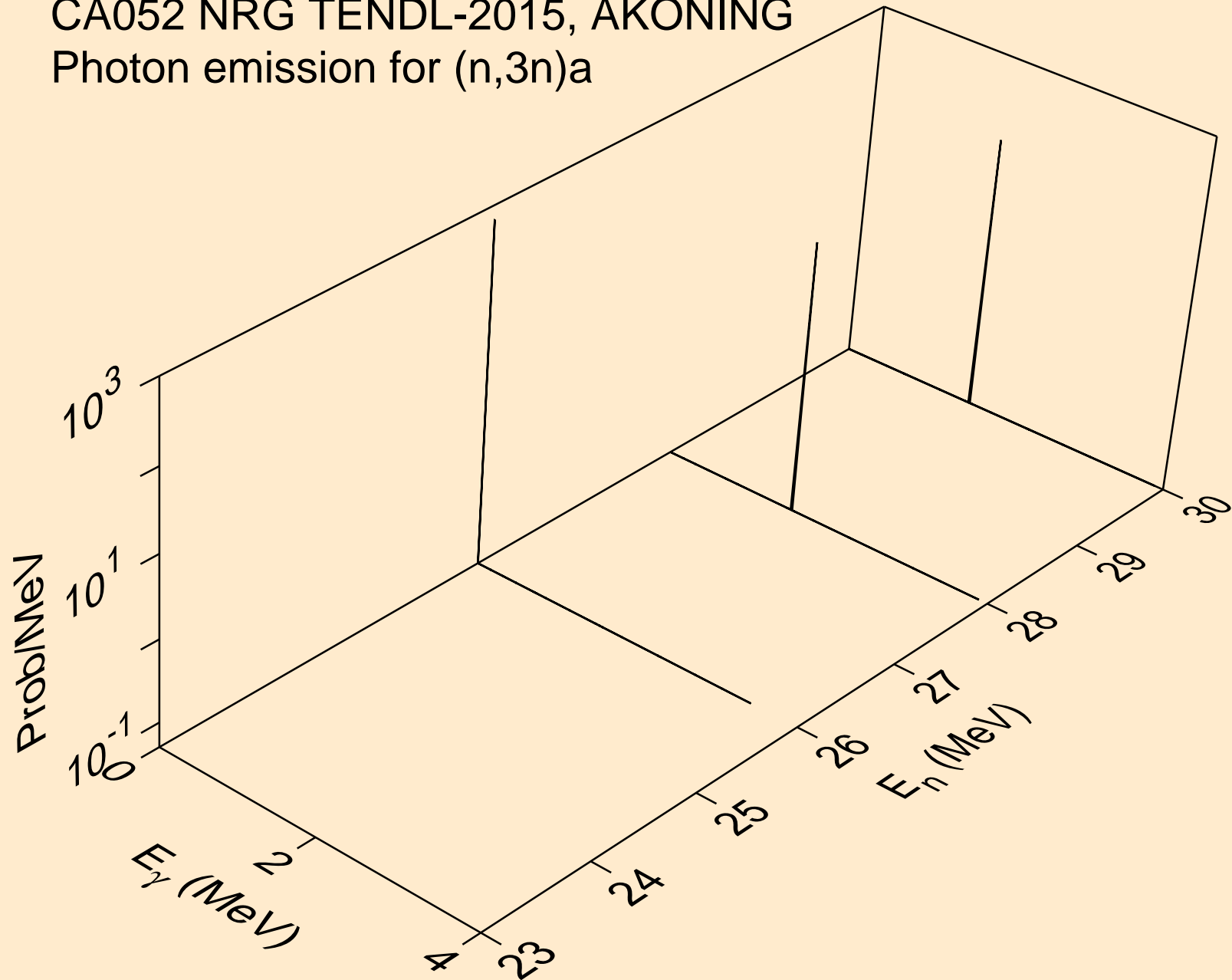




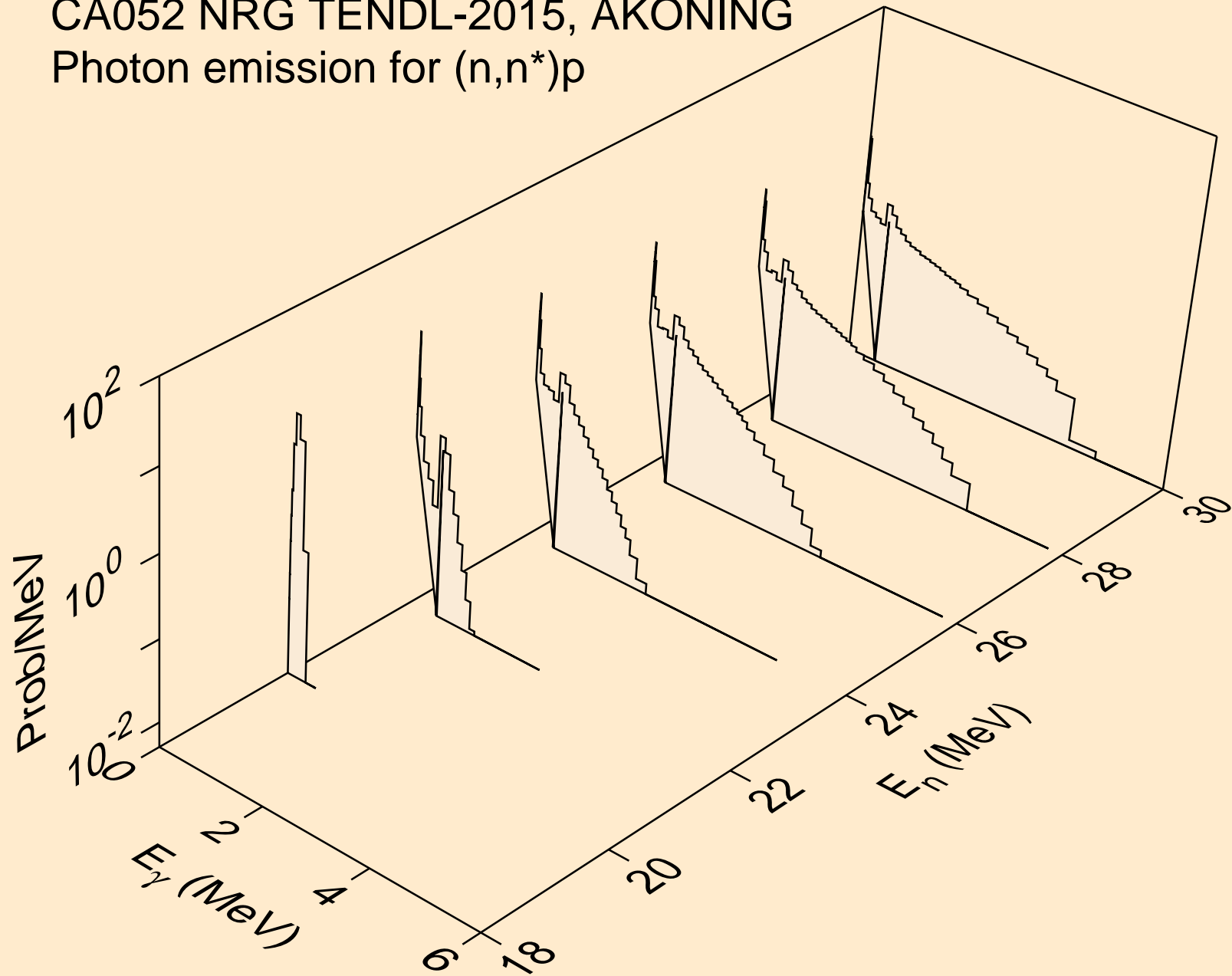
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



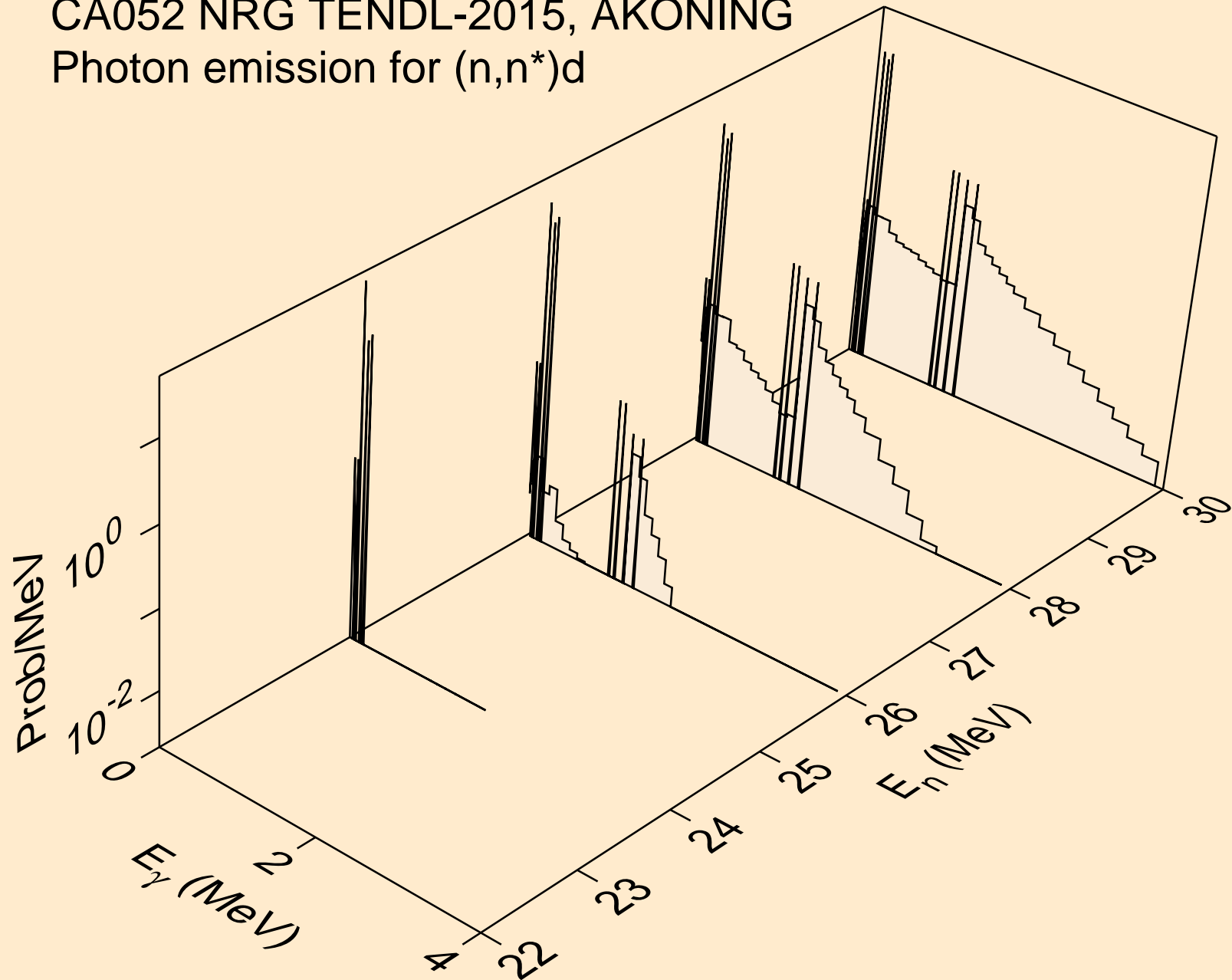
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



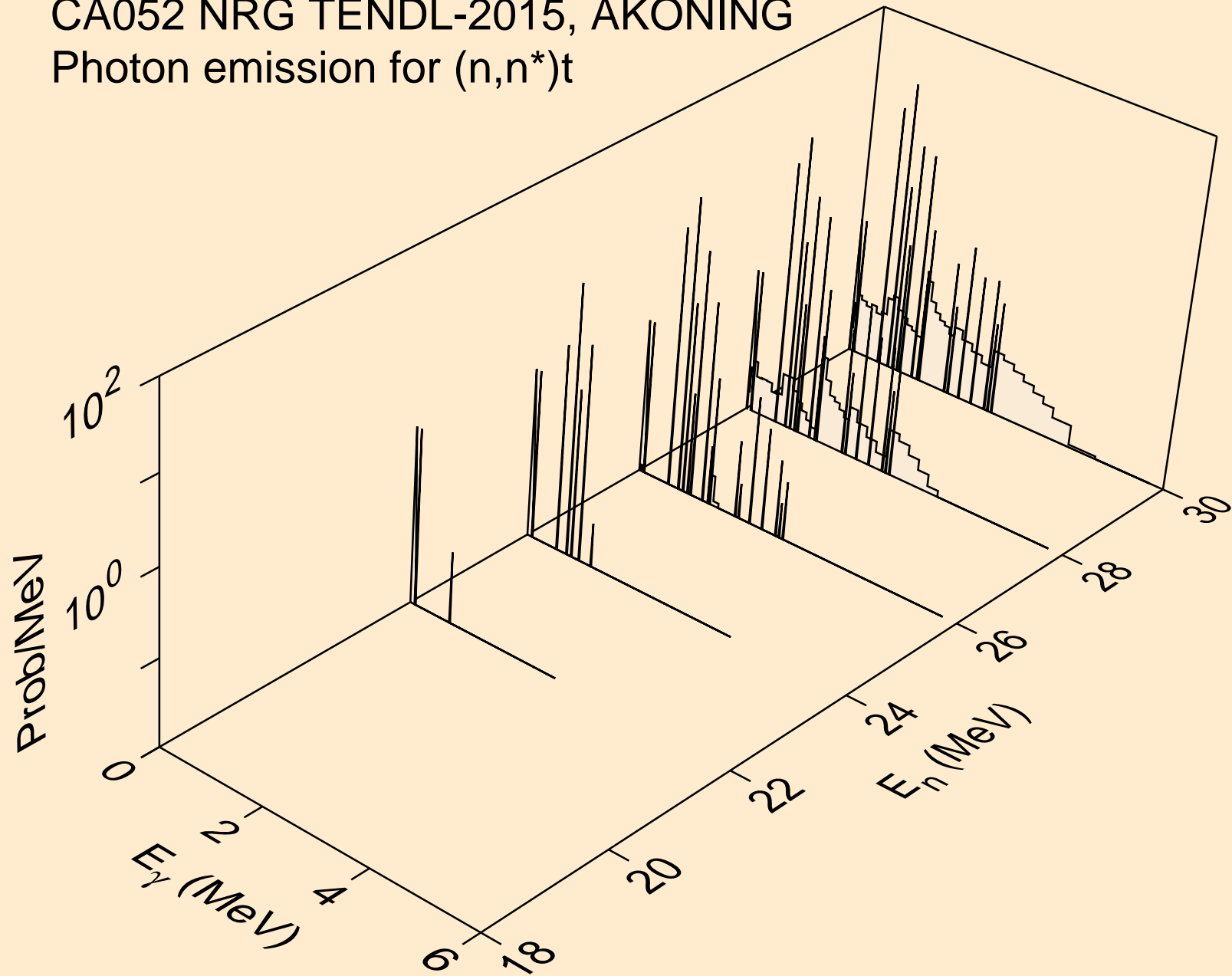
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



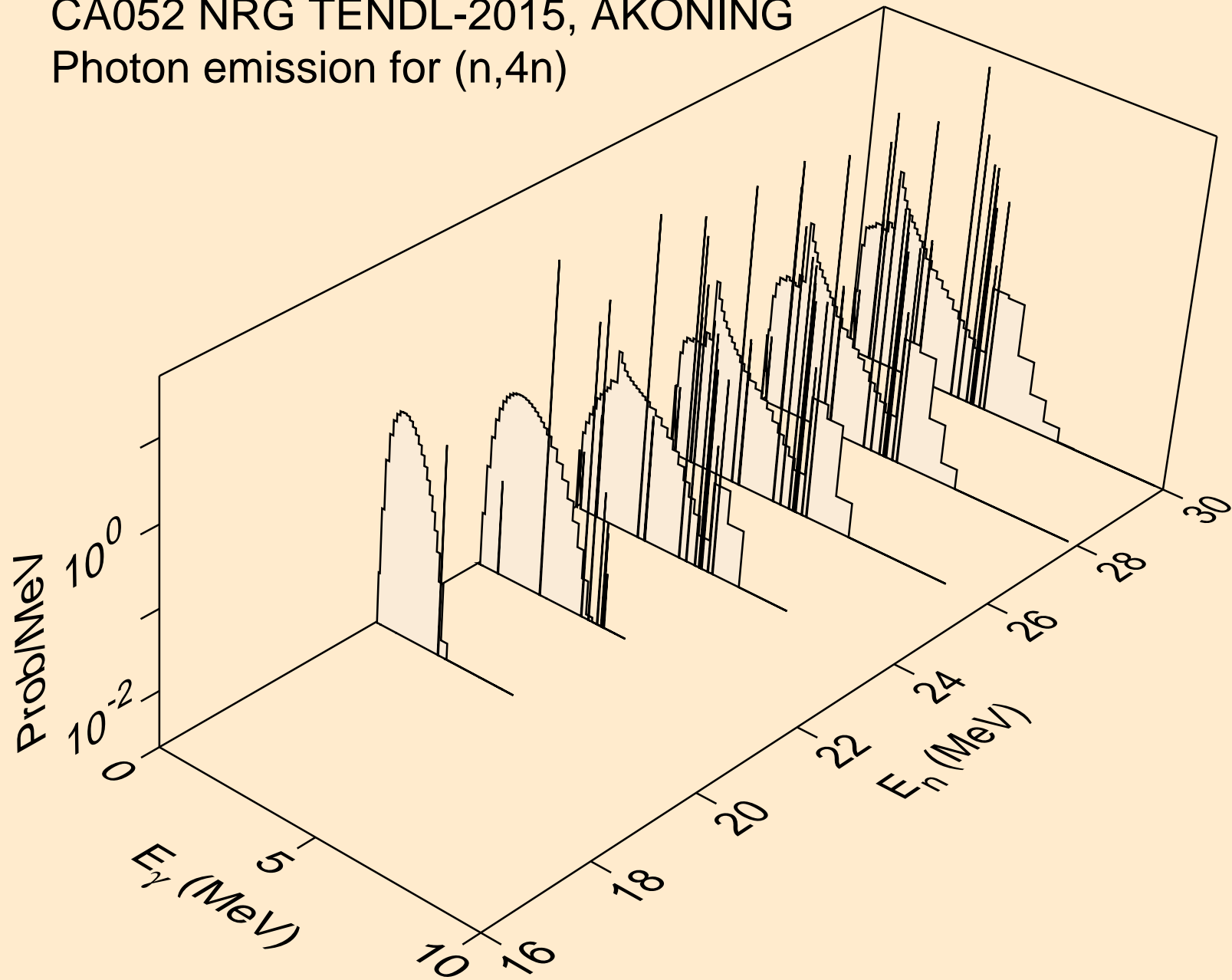
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



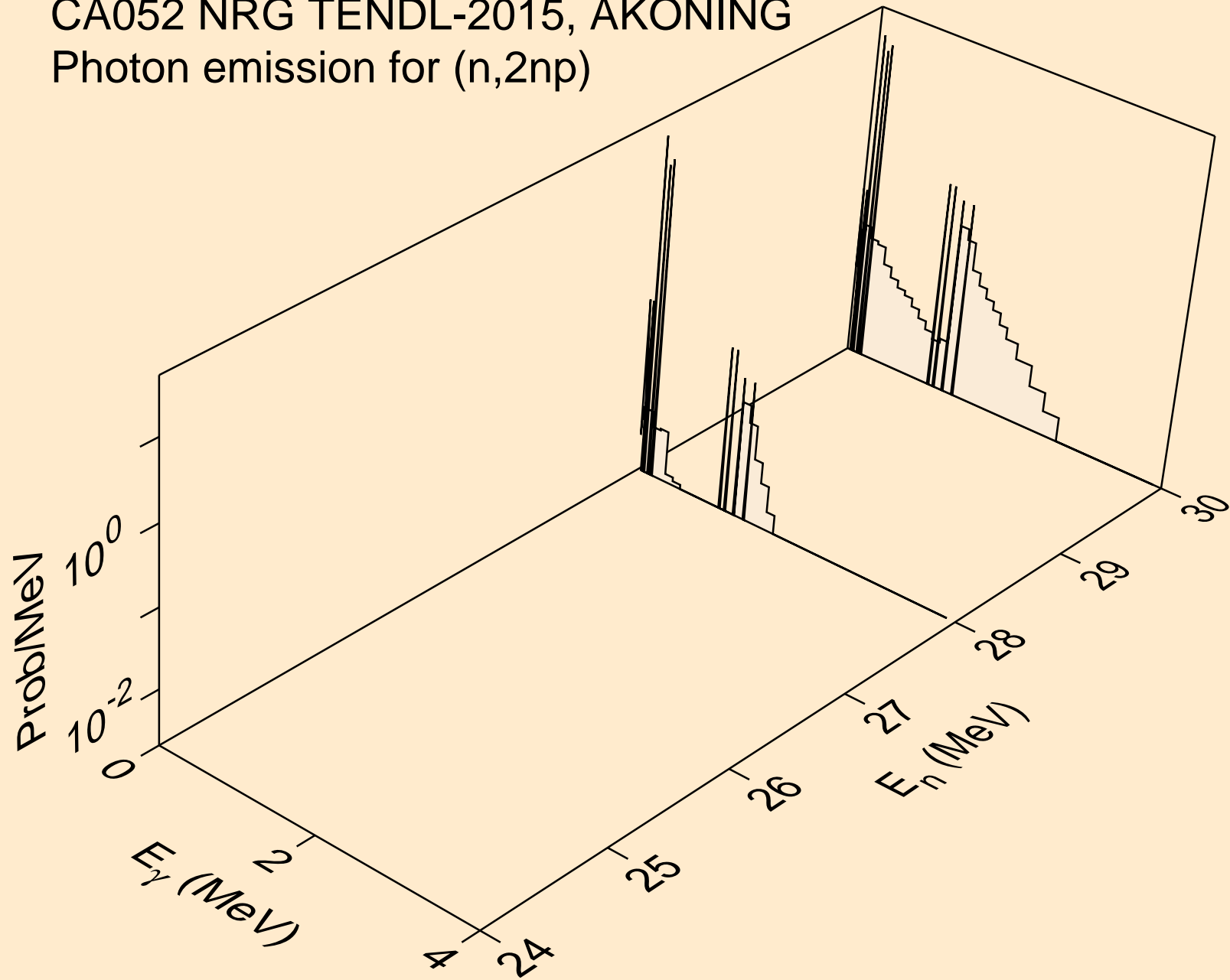
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



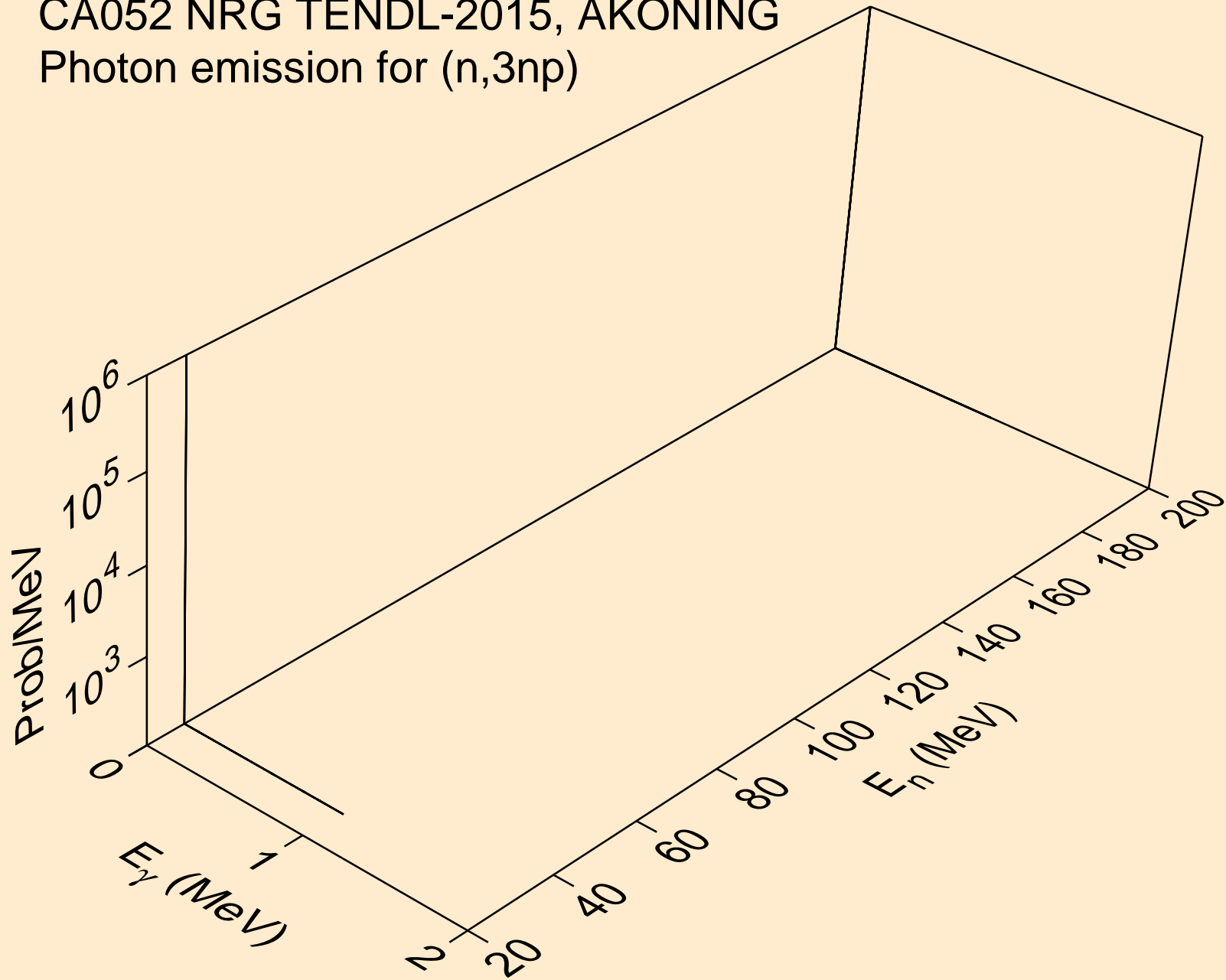
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

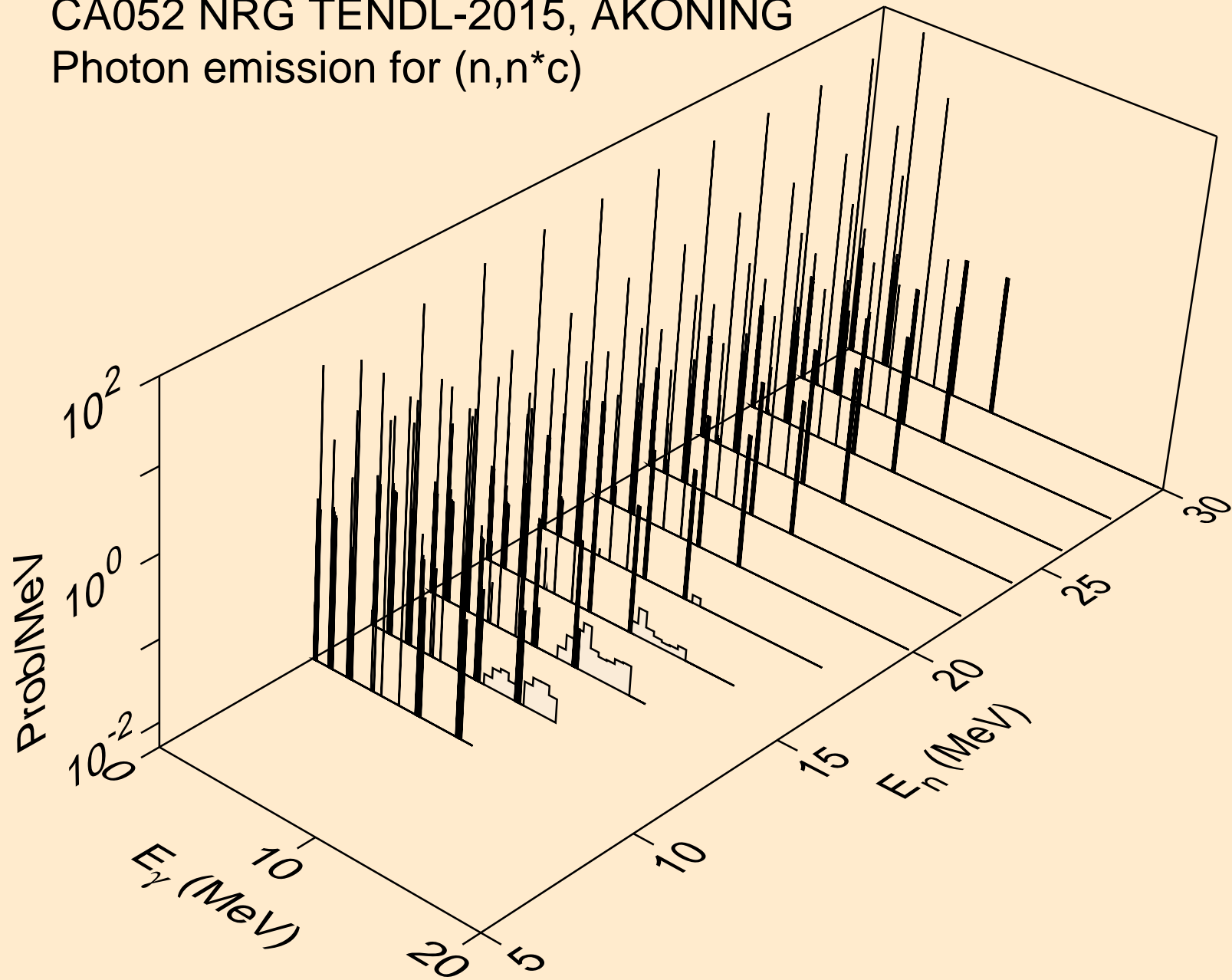


CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

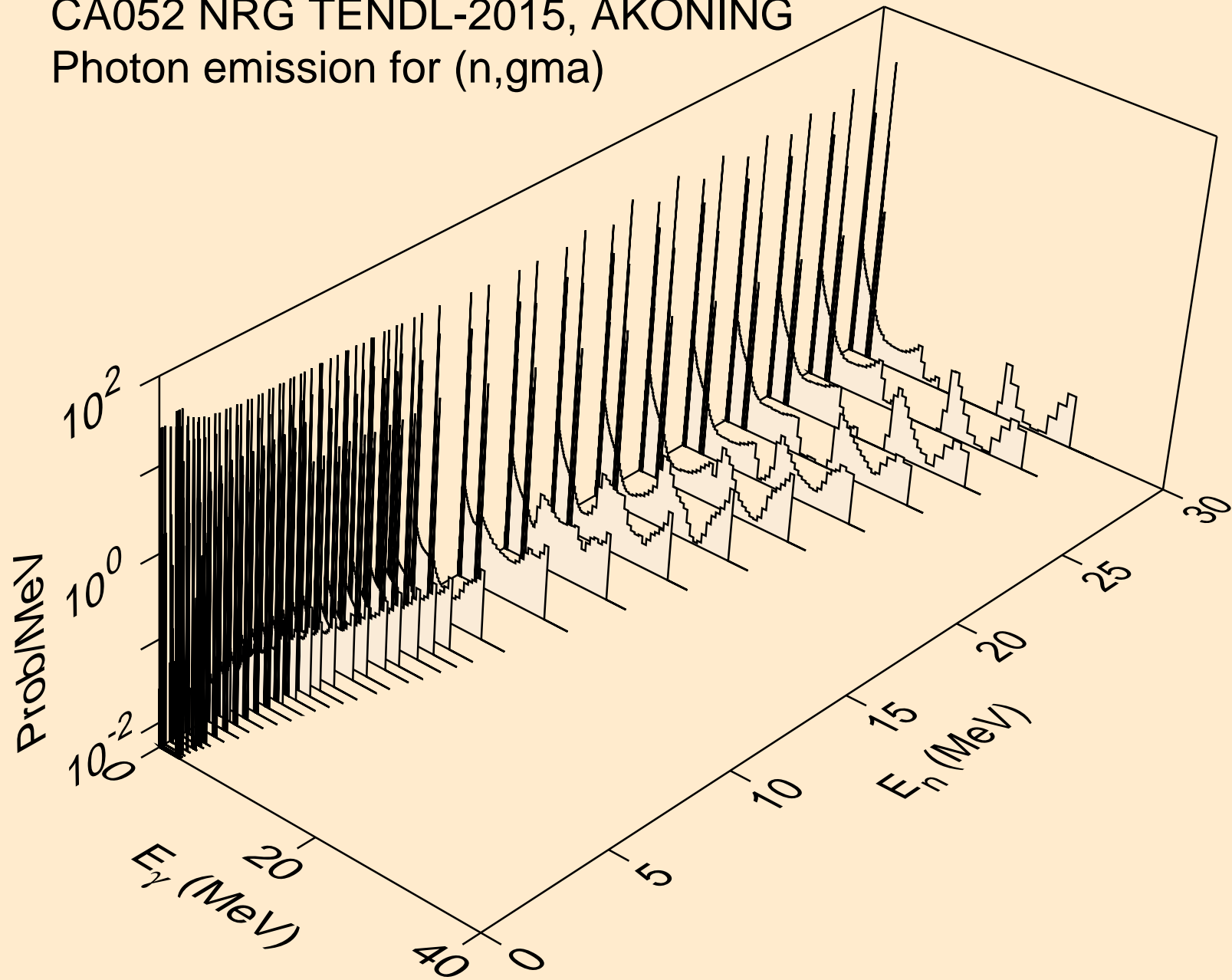




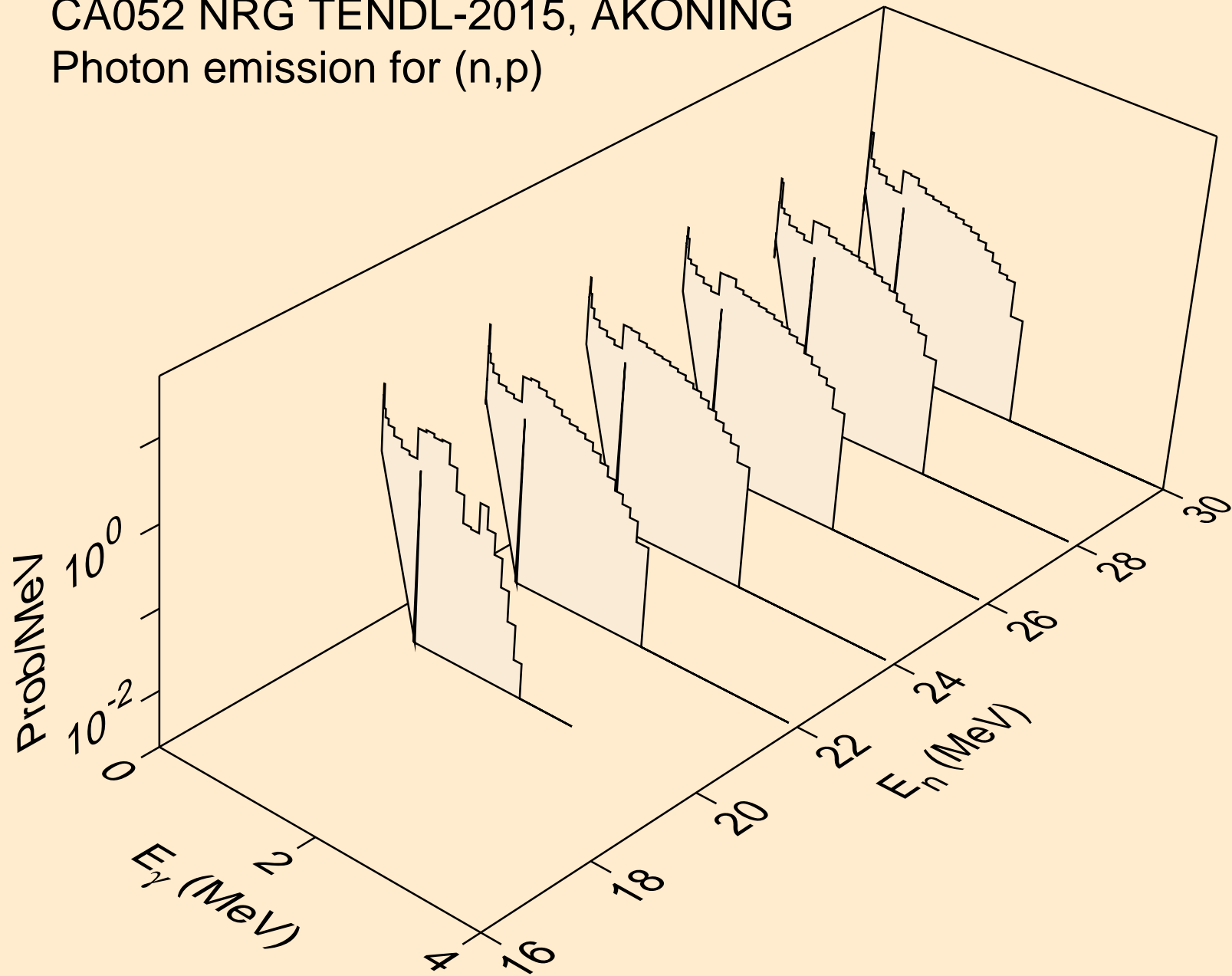
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



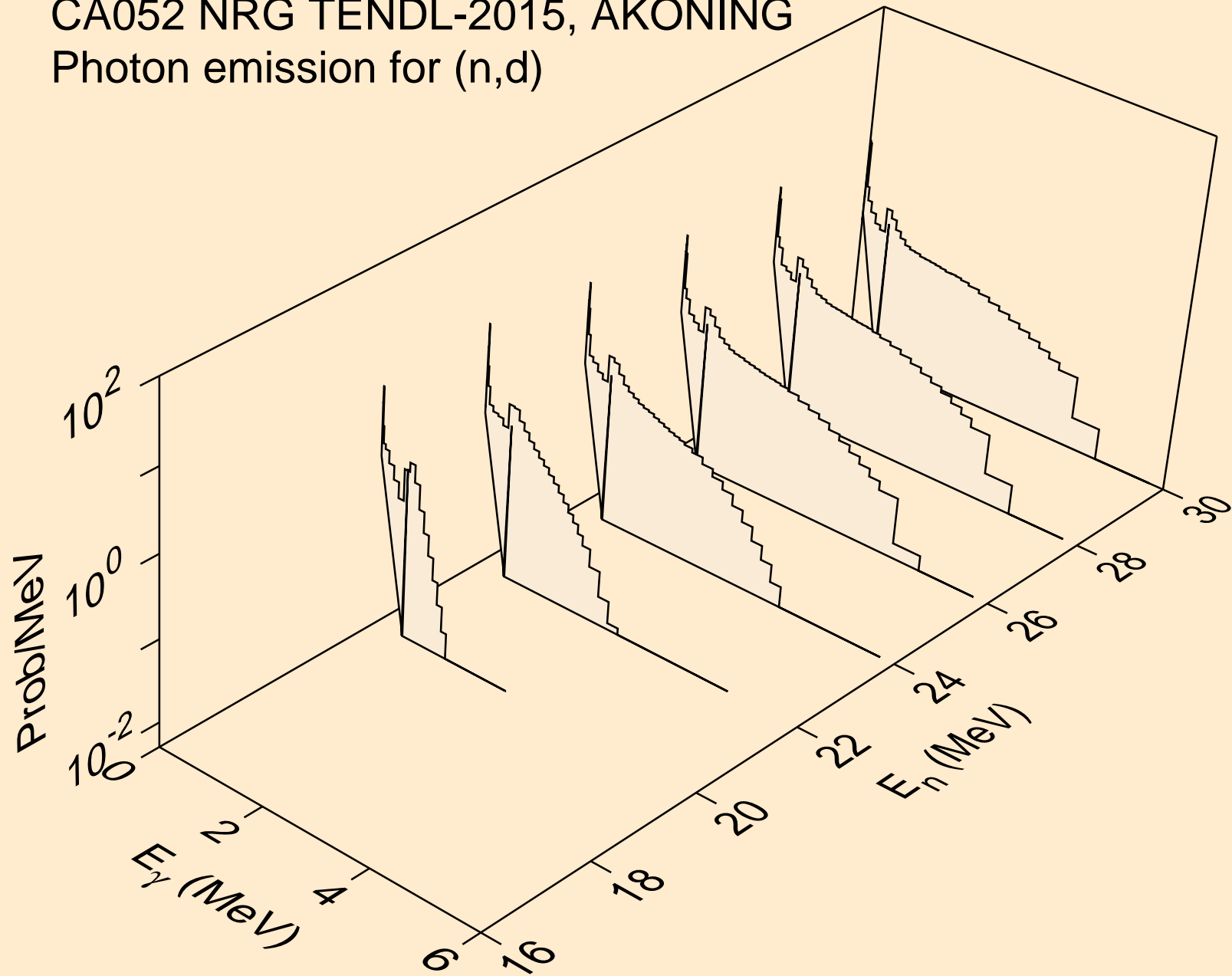
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



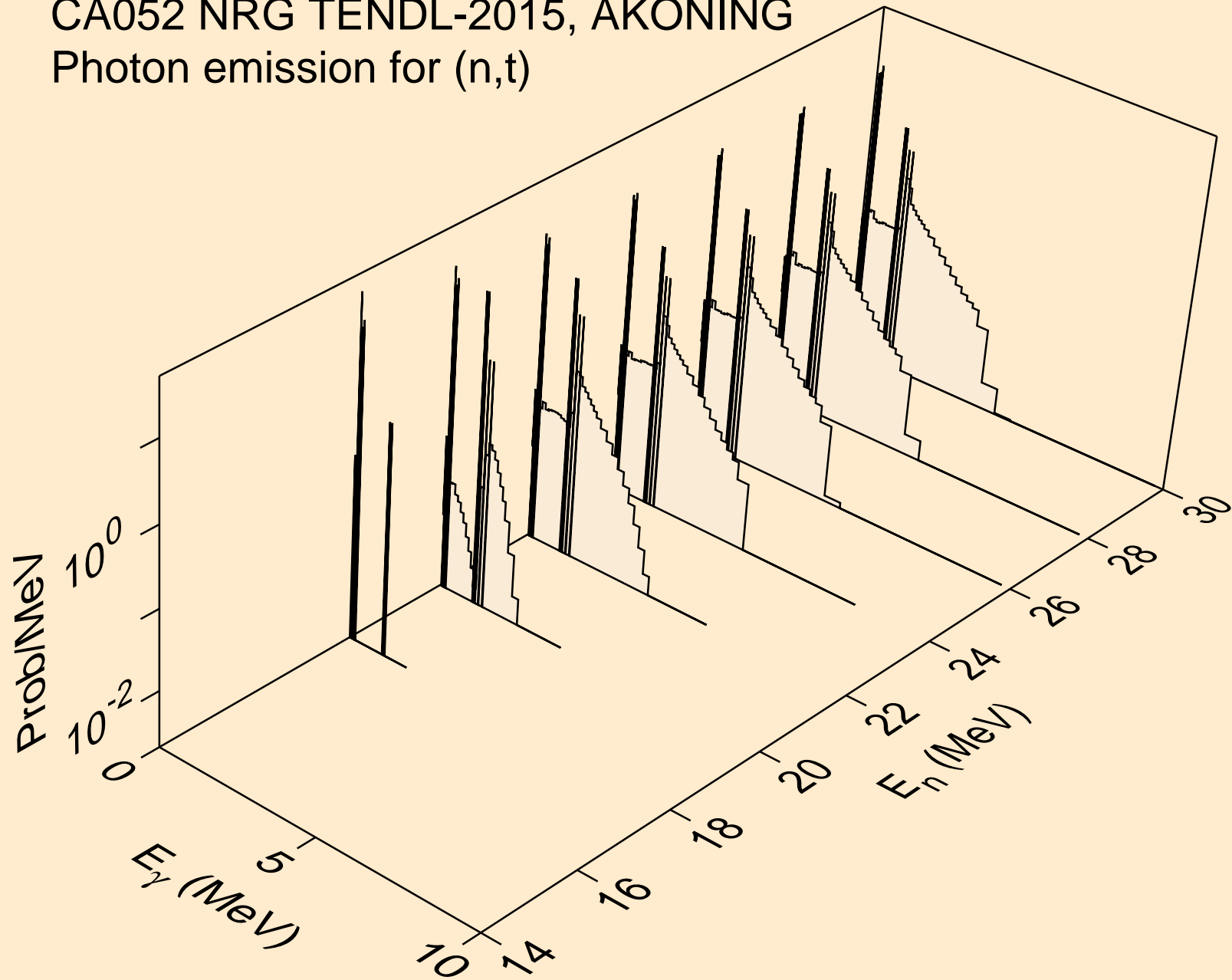
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



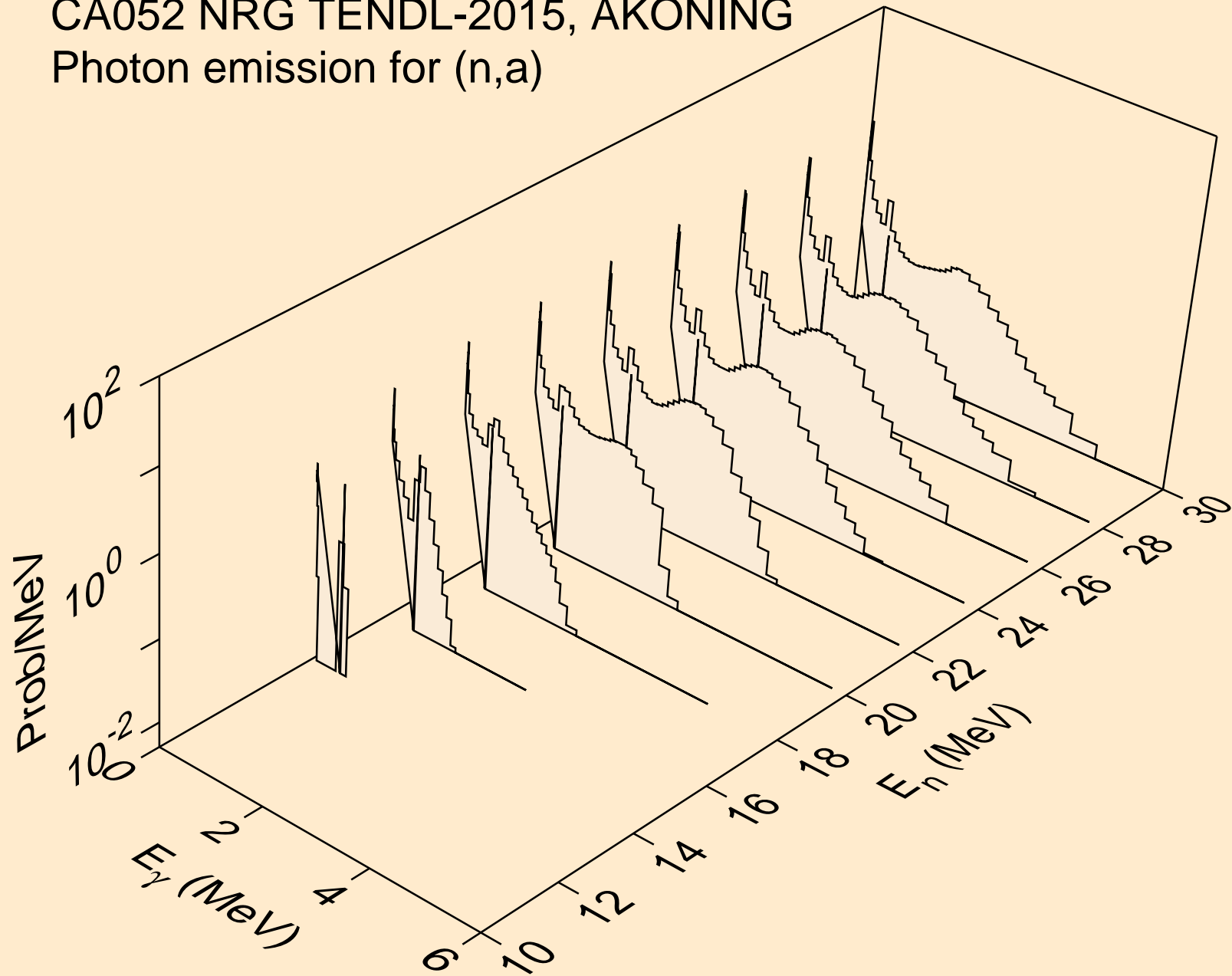
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



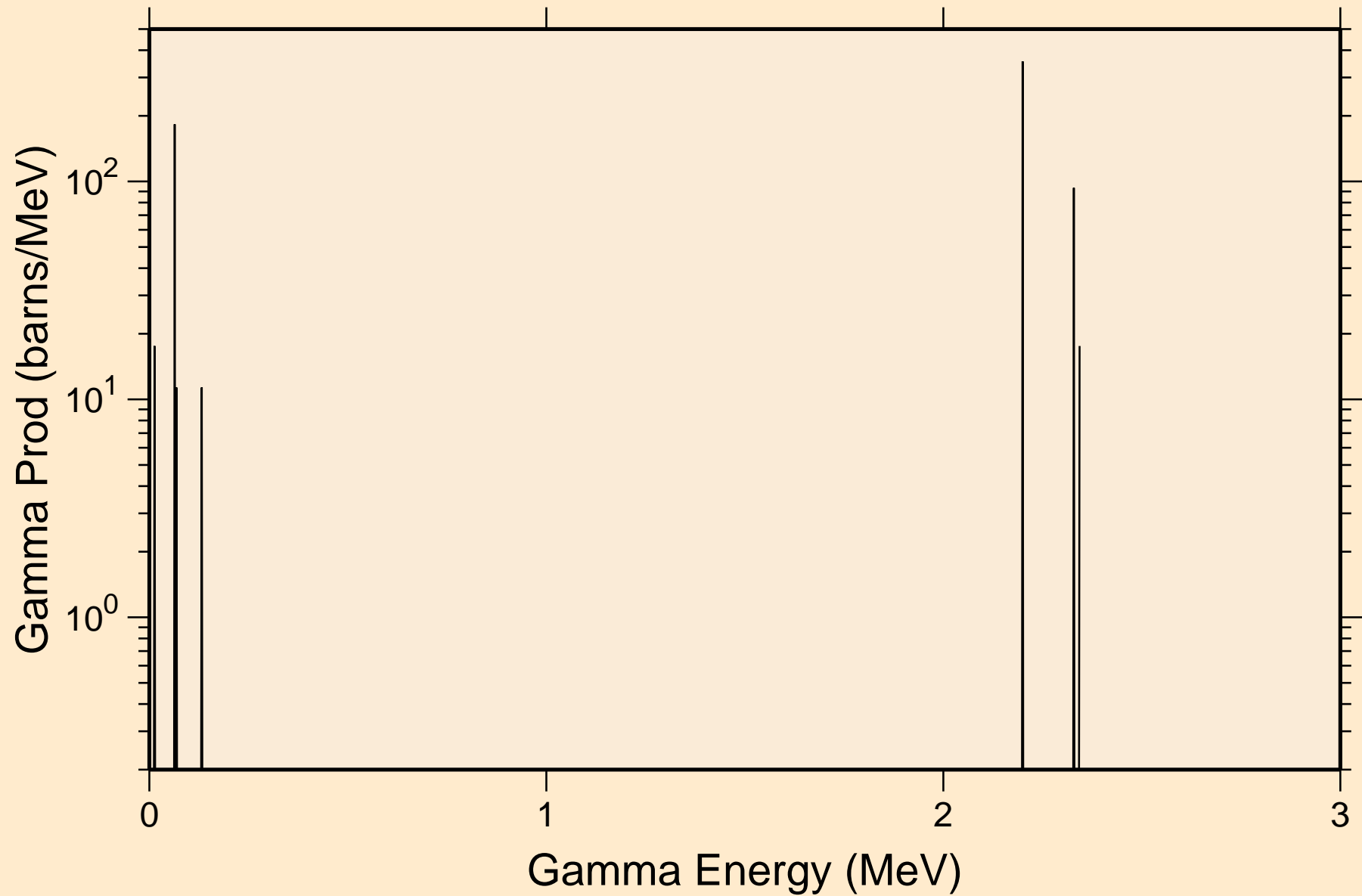
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



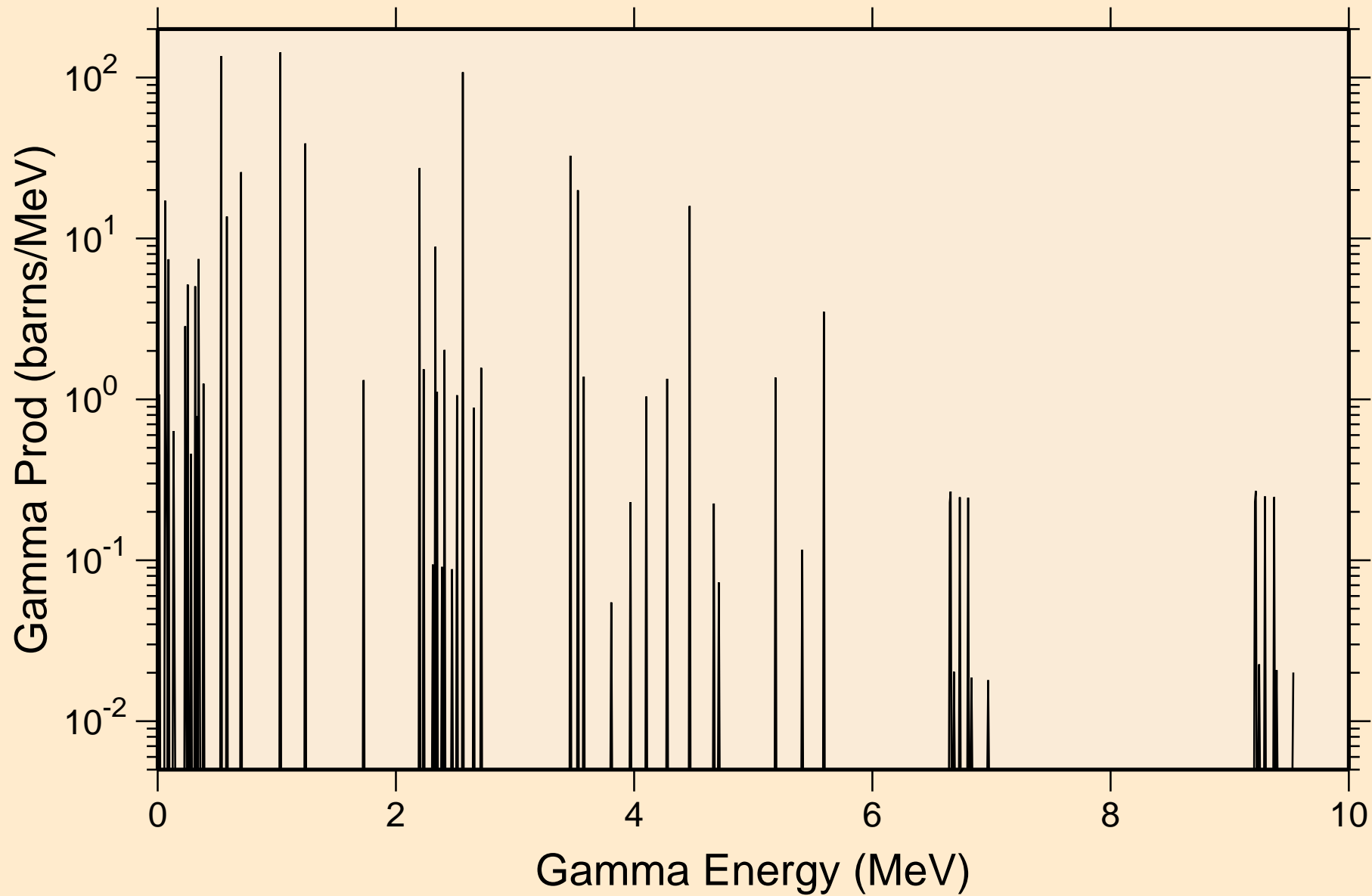
CA052 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



CA052 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



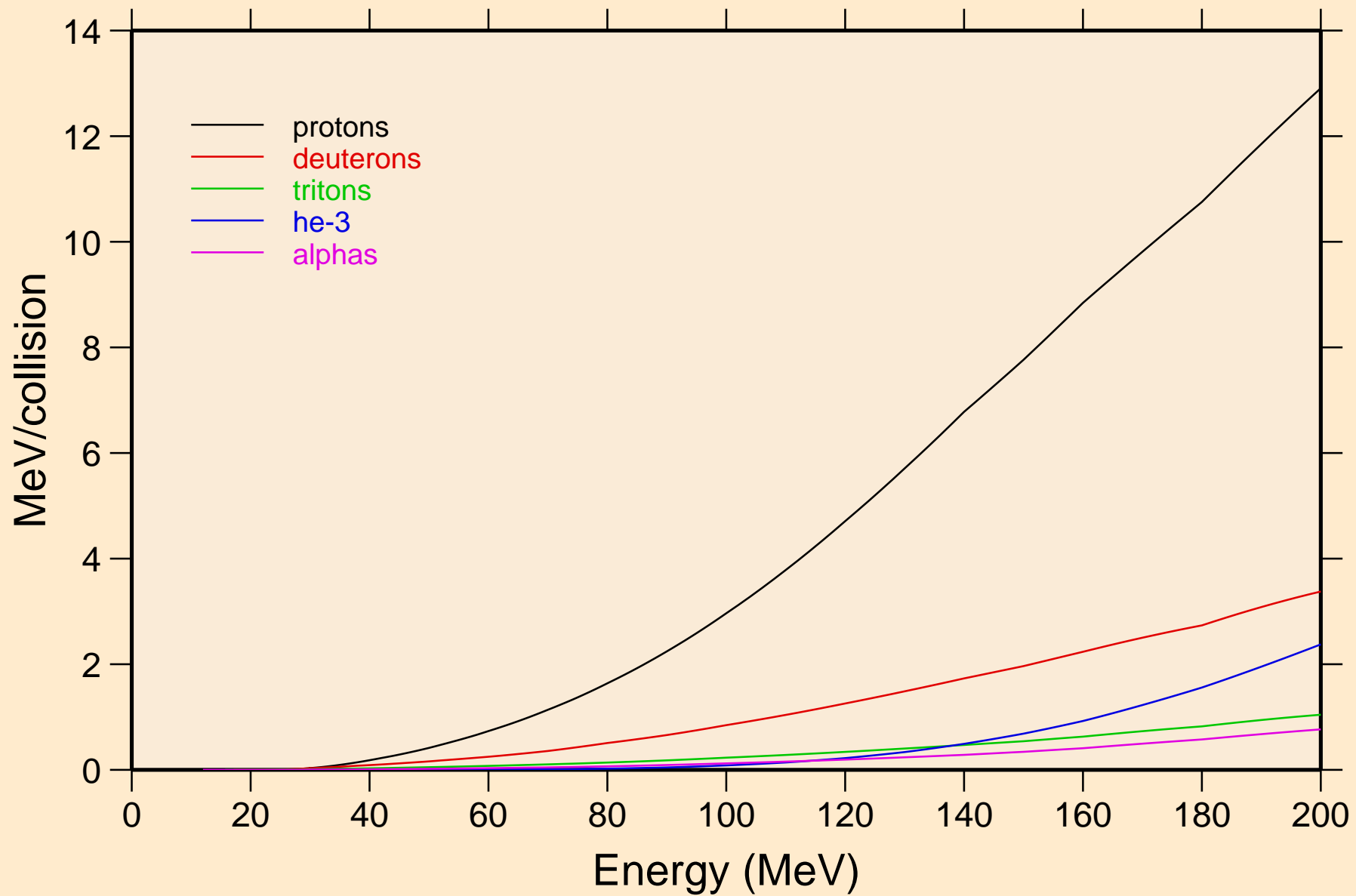
CA052 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





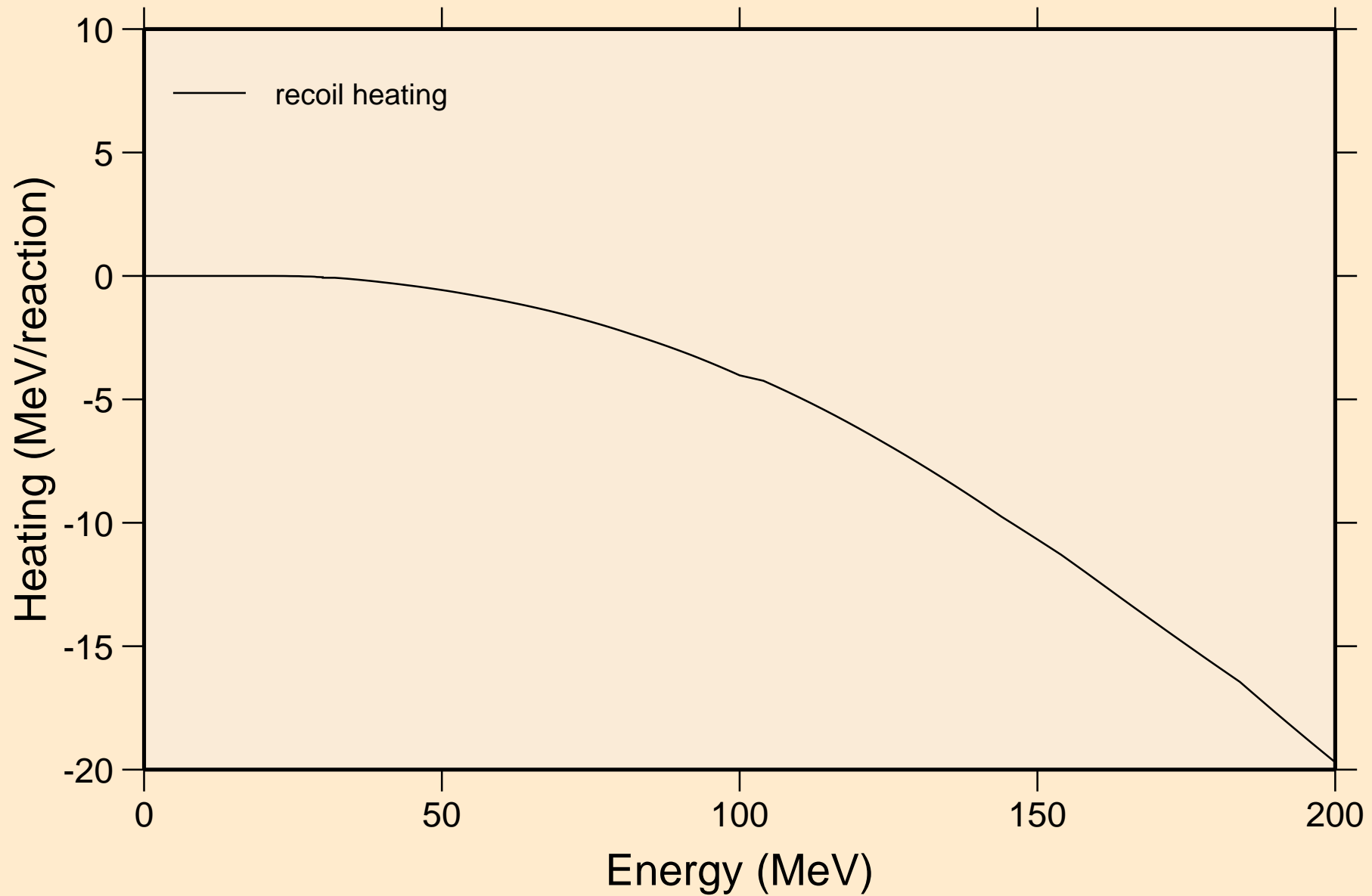
# CA052 NRG TENDL-2015, AKONING

## Particle heating contributions



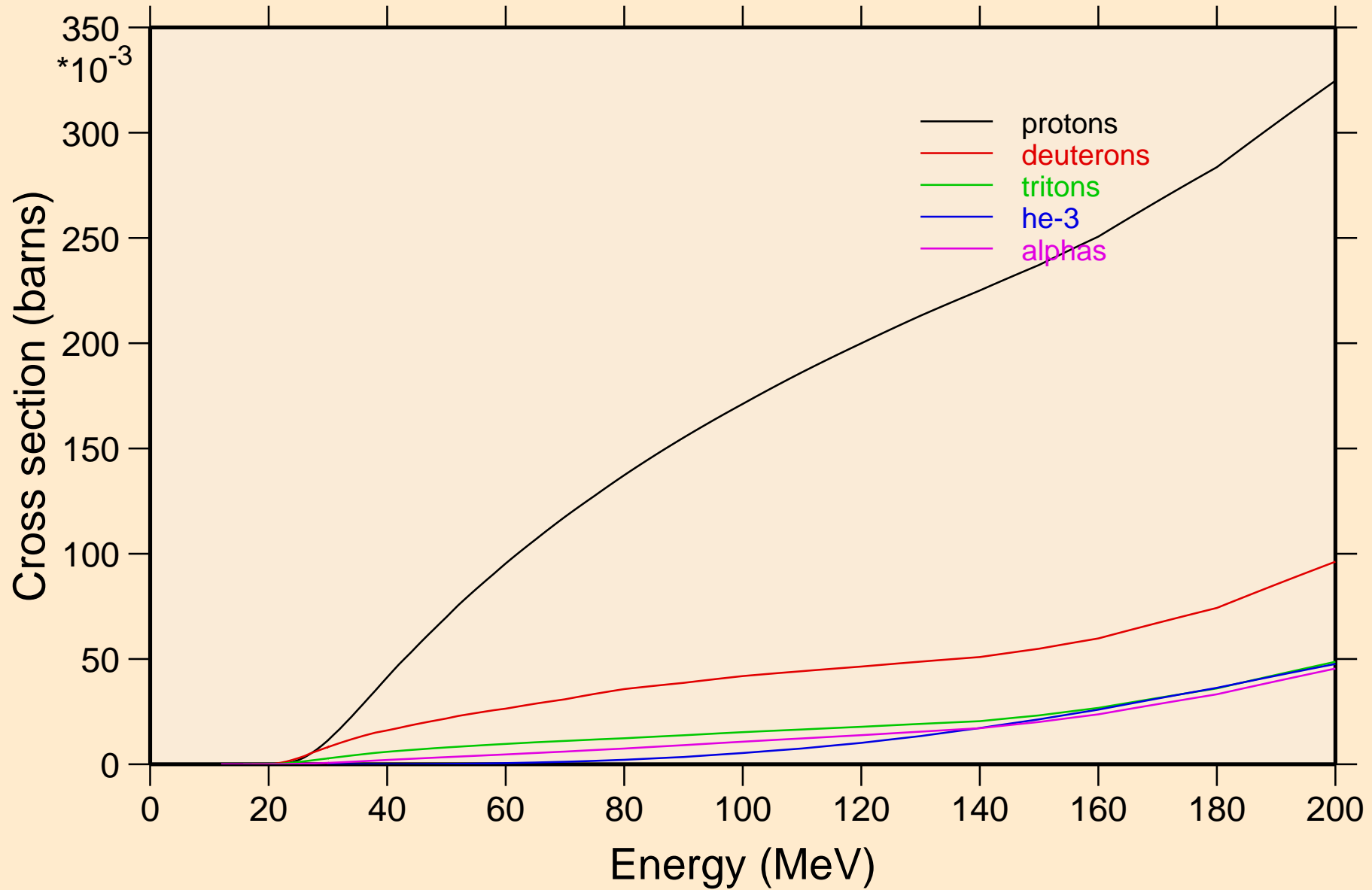
# CA052 NRG TENDL-2015, AKONING

## Recoil Heating

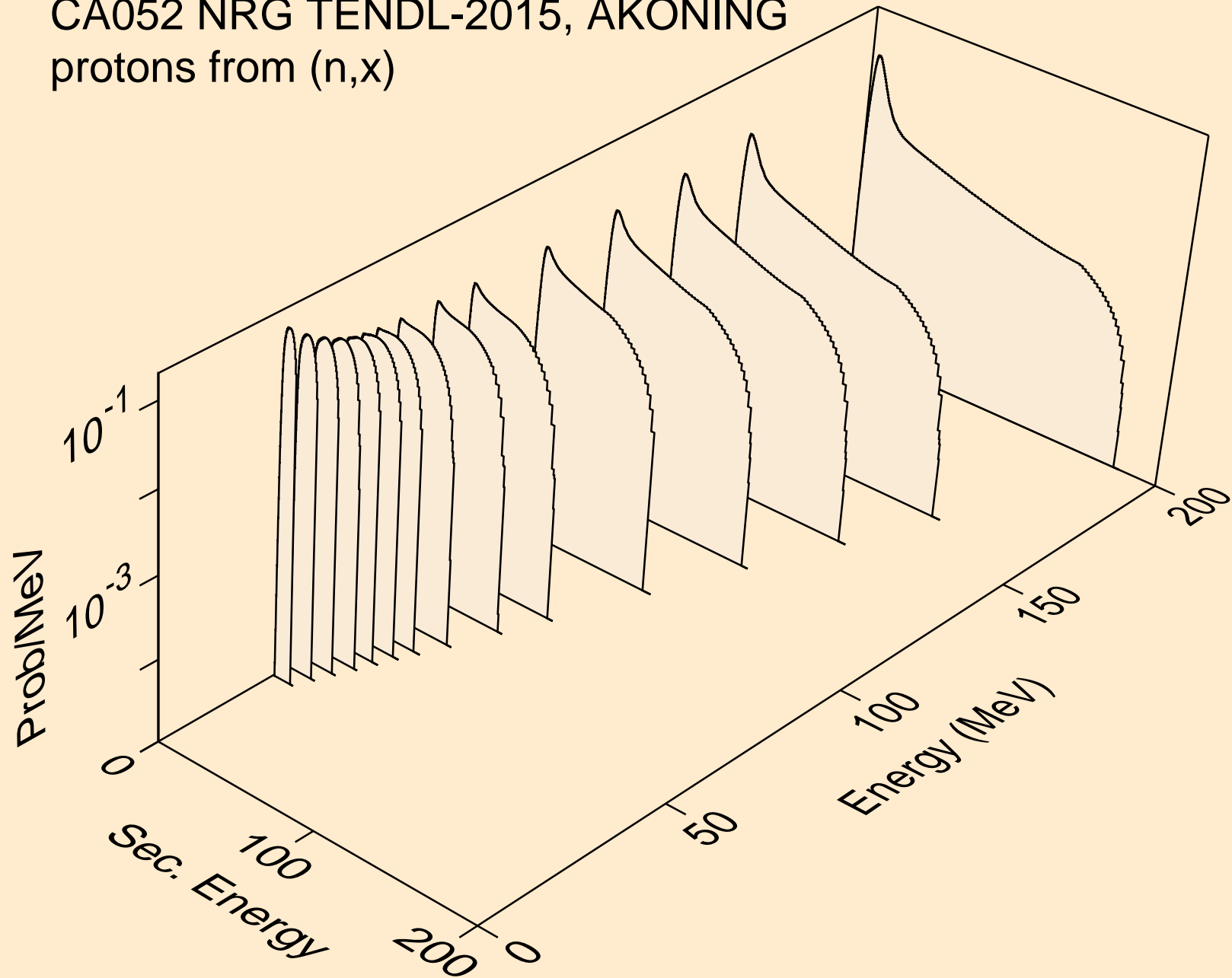


# CA052 NRG TENDL-2015, AKONING

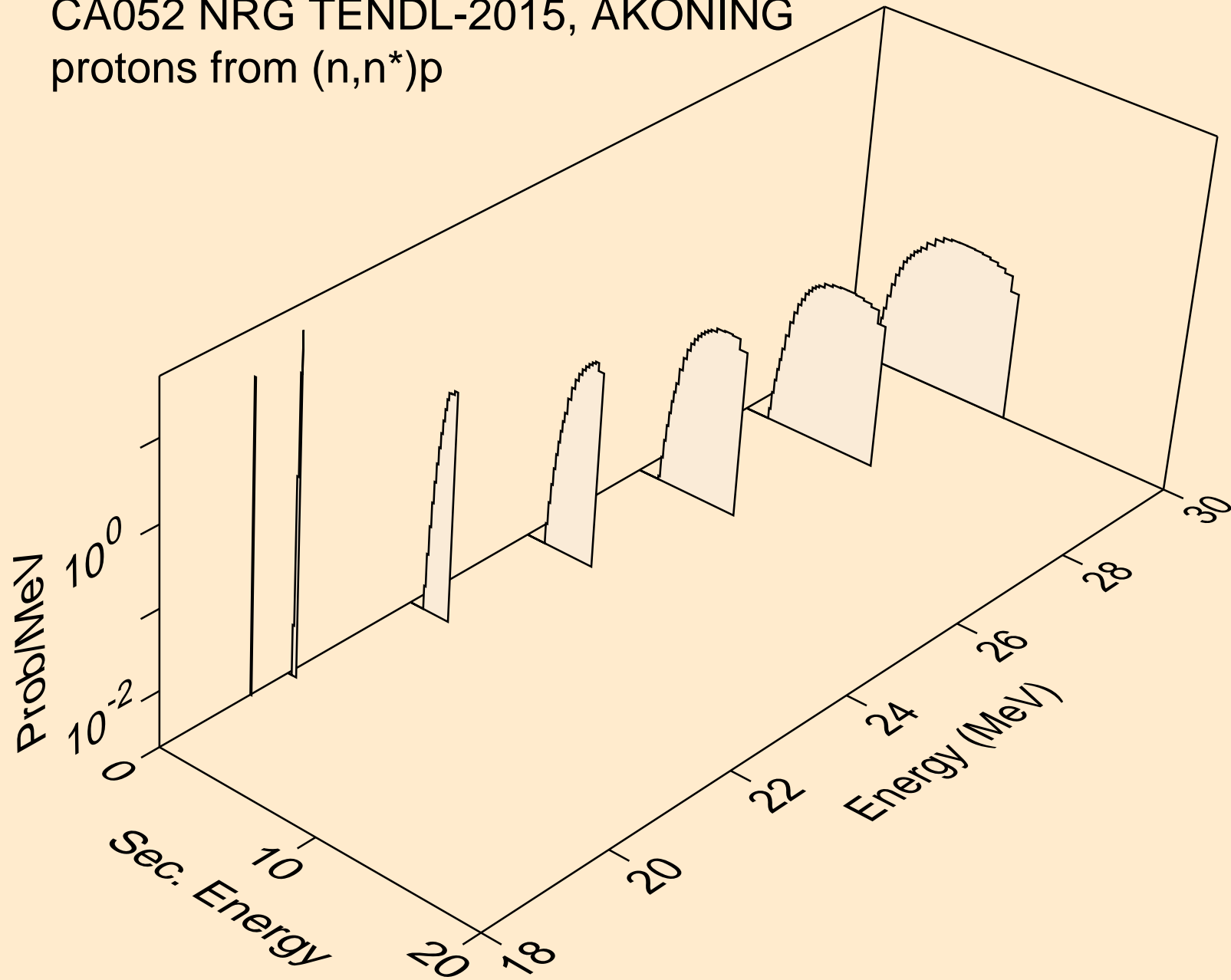
## Particle production cross sections



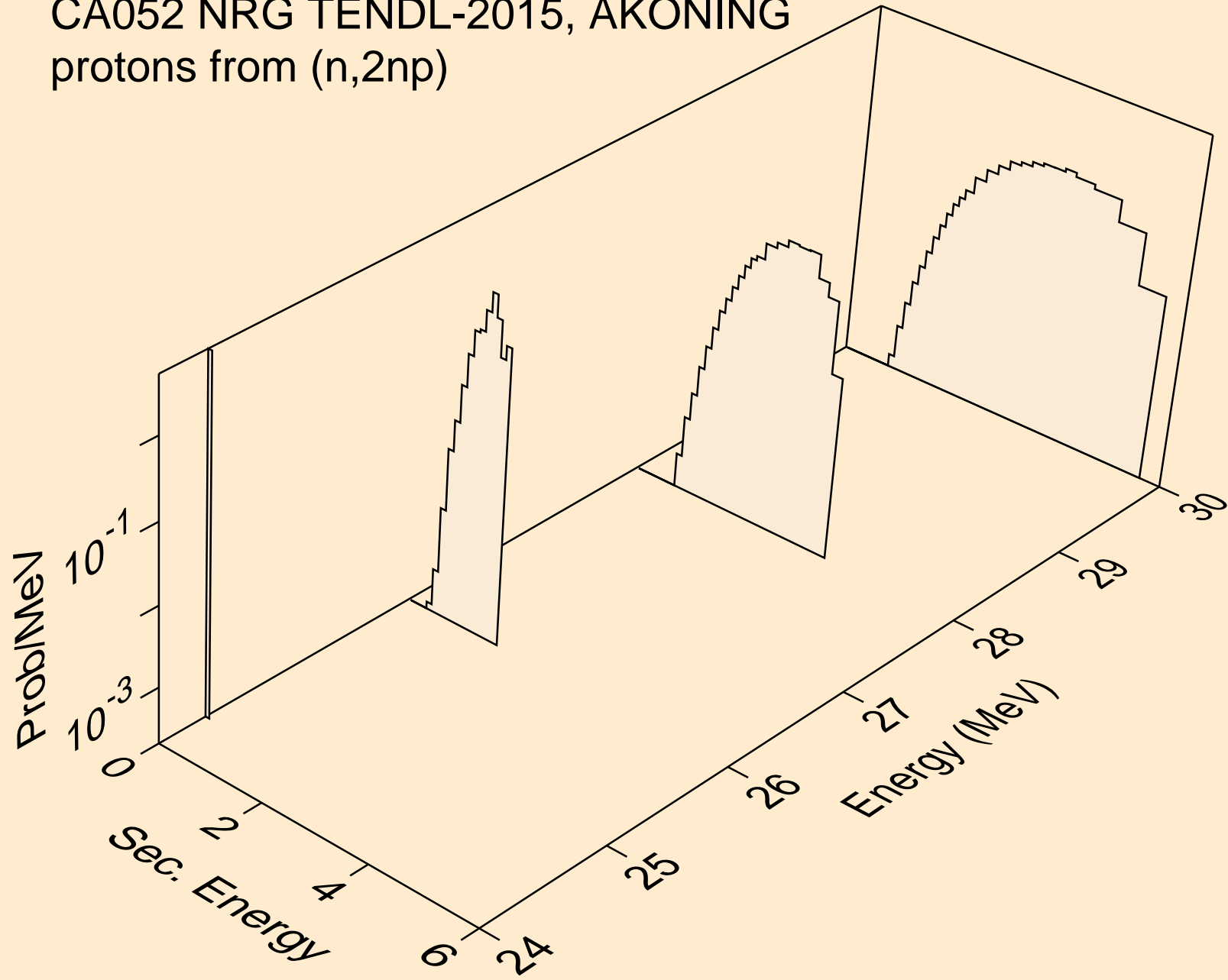
CA052 NRG TENDL-2015, AKONING  
protons from (n,x)



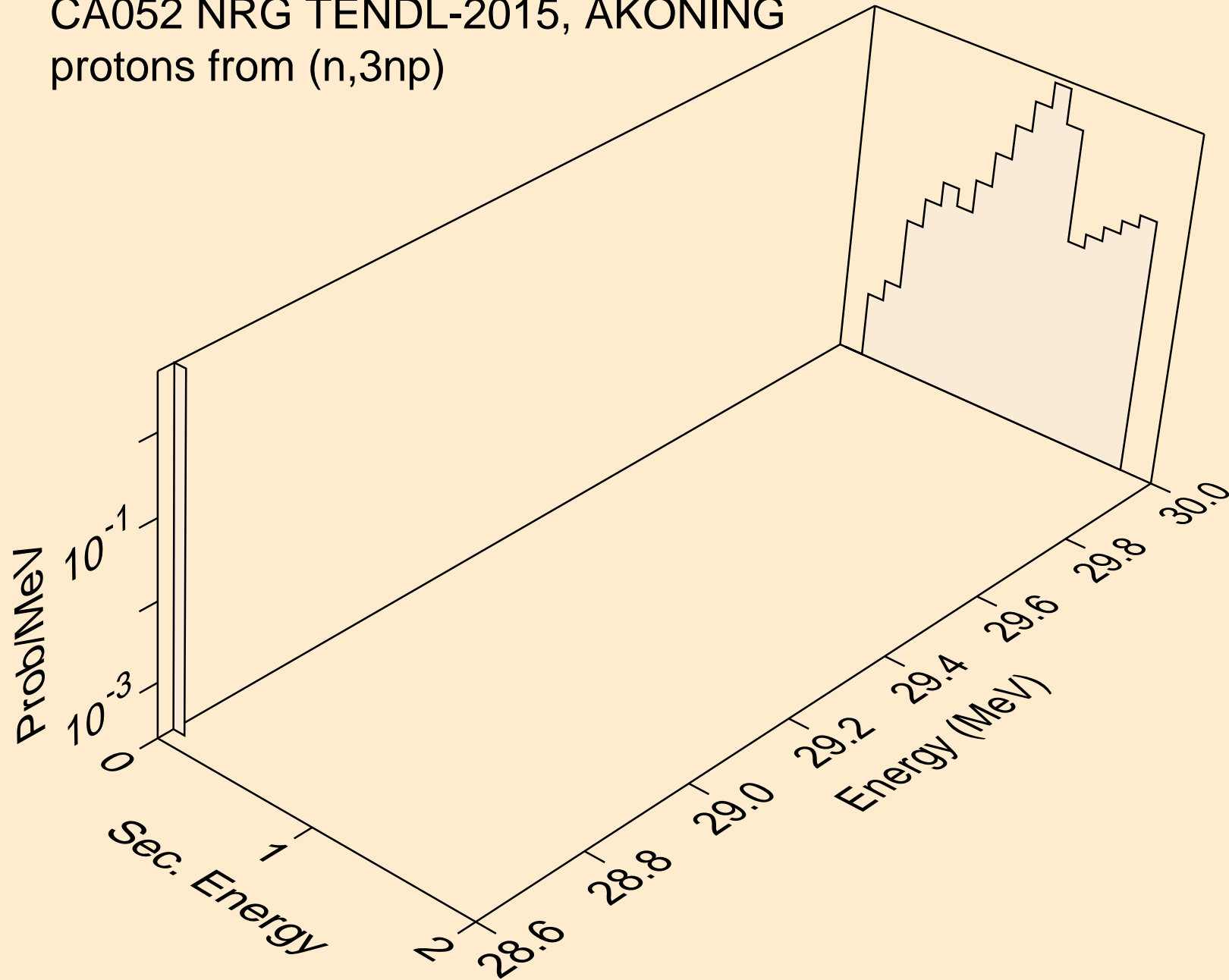
CA052 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



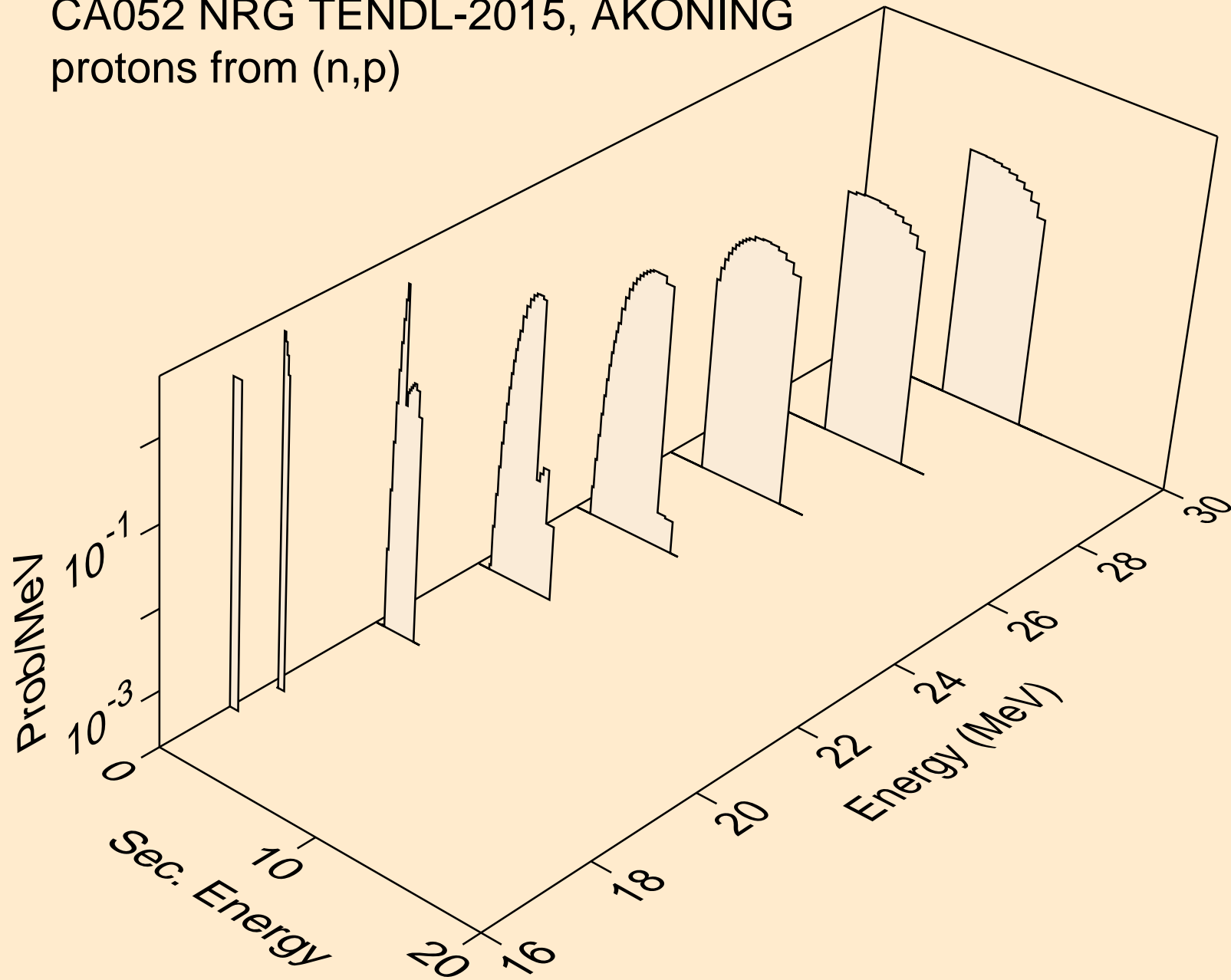
CA052 NRG TENDL-2015, AKONING  
protons from (n,2np)



CA052 NRG TENDL-2015, AKONING  
protons from (n,3np)

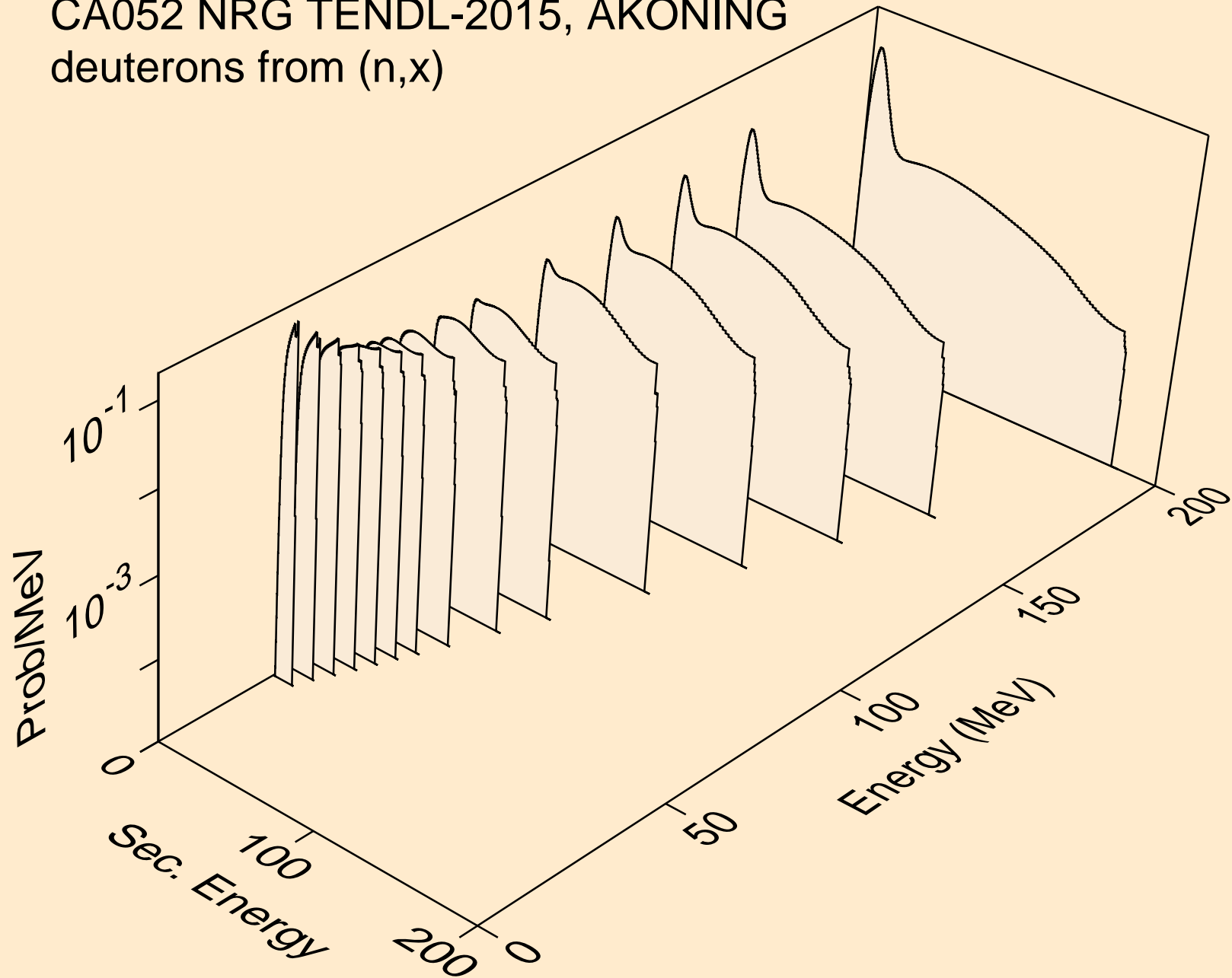


CA052 NRG TENDL-2015, AKONING  
protons from (n,p)

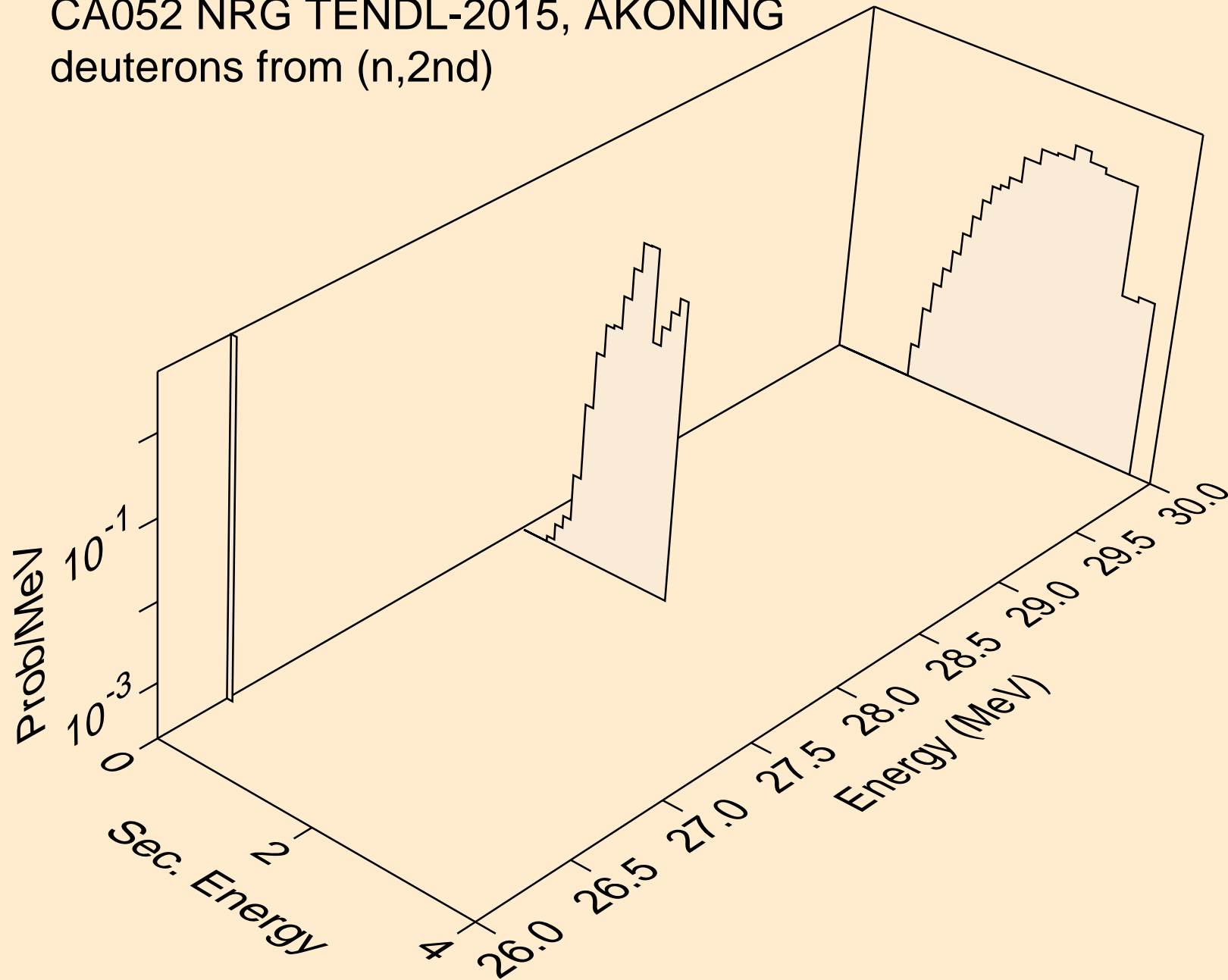




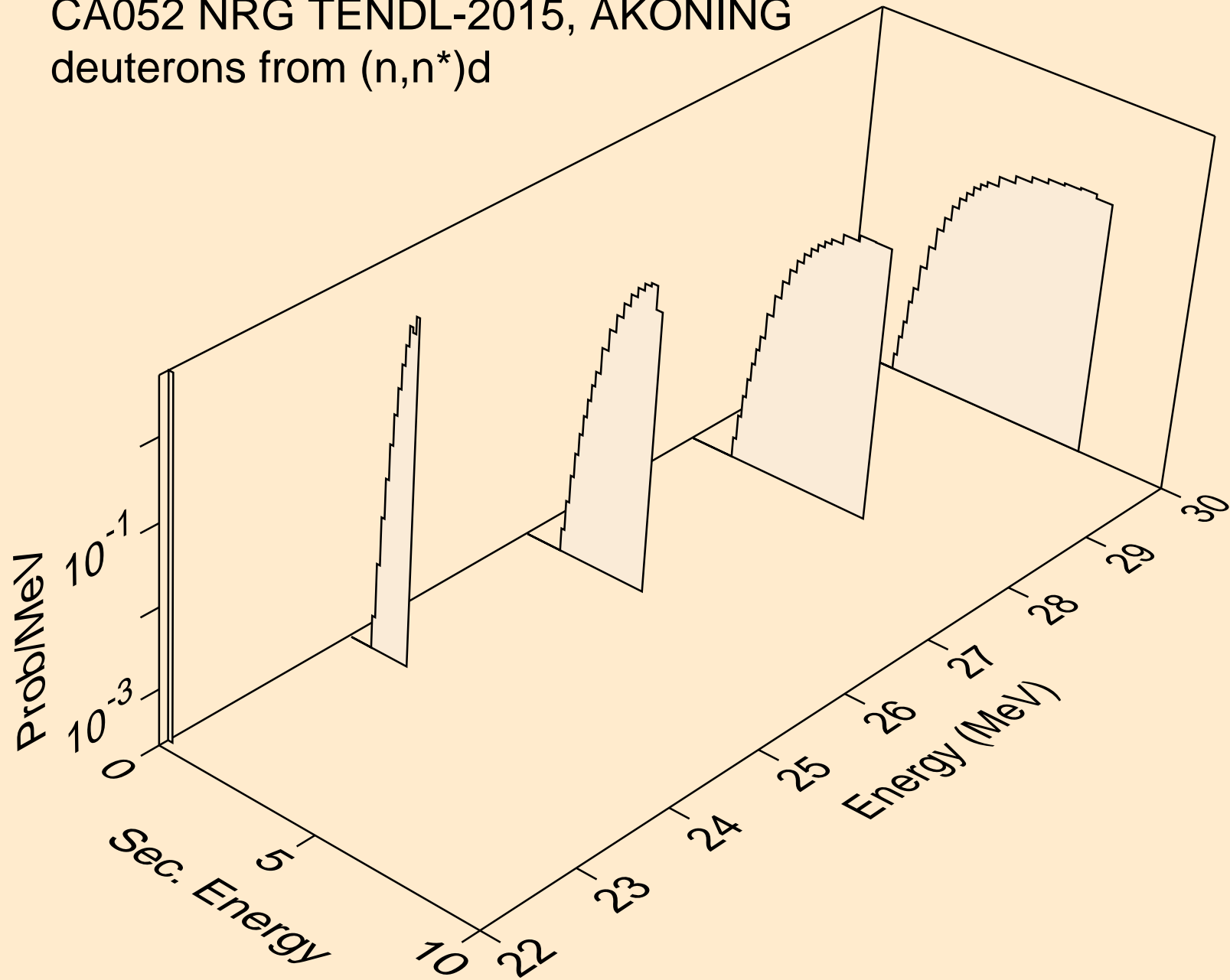
CA052 NRG TENDL-2015, AKONING  
deuterons from (n,x)



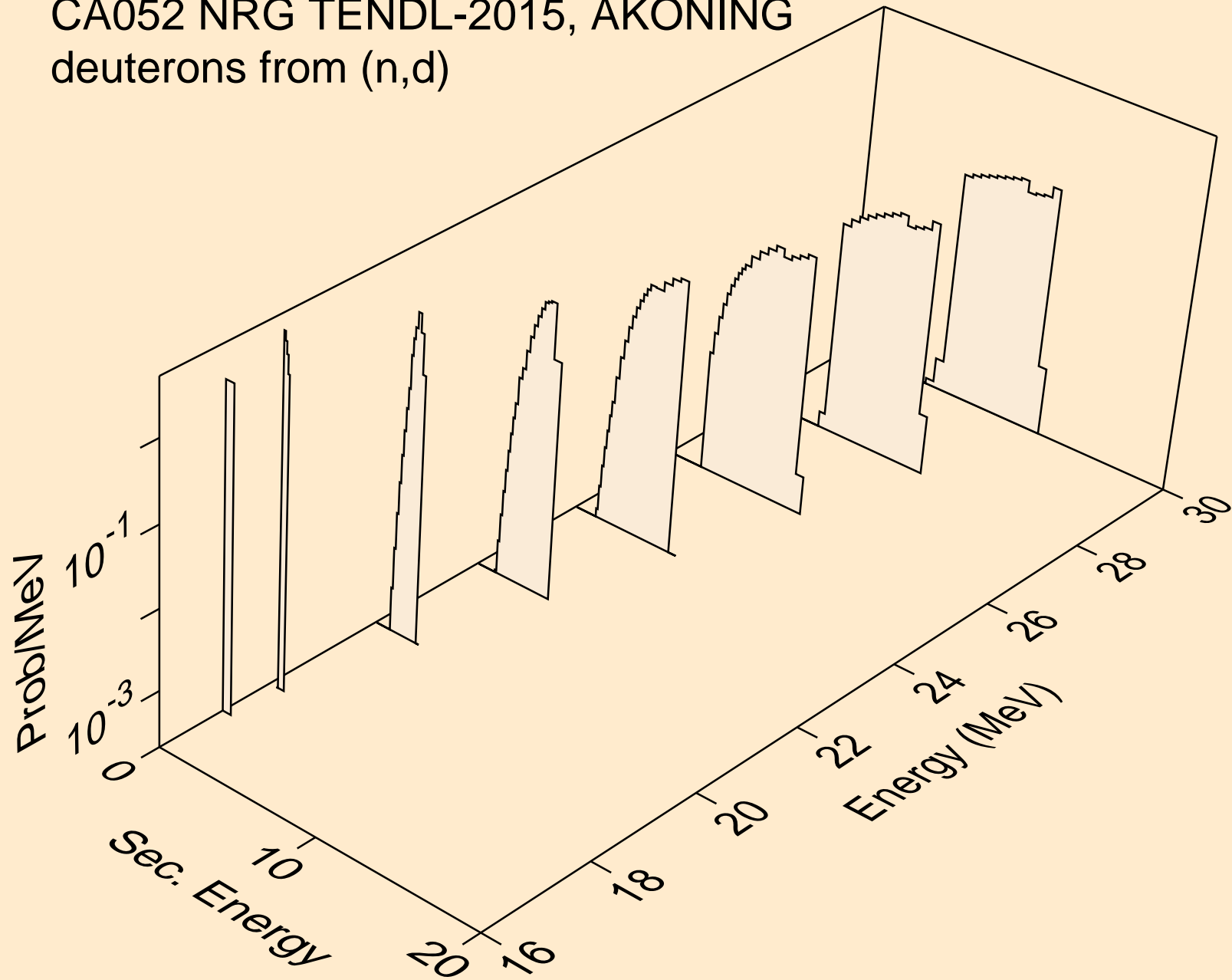
CA052 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



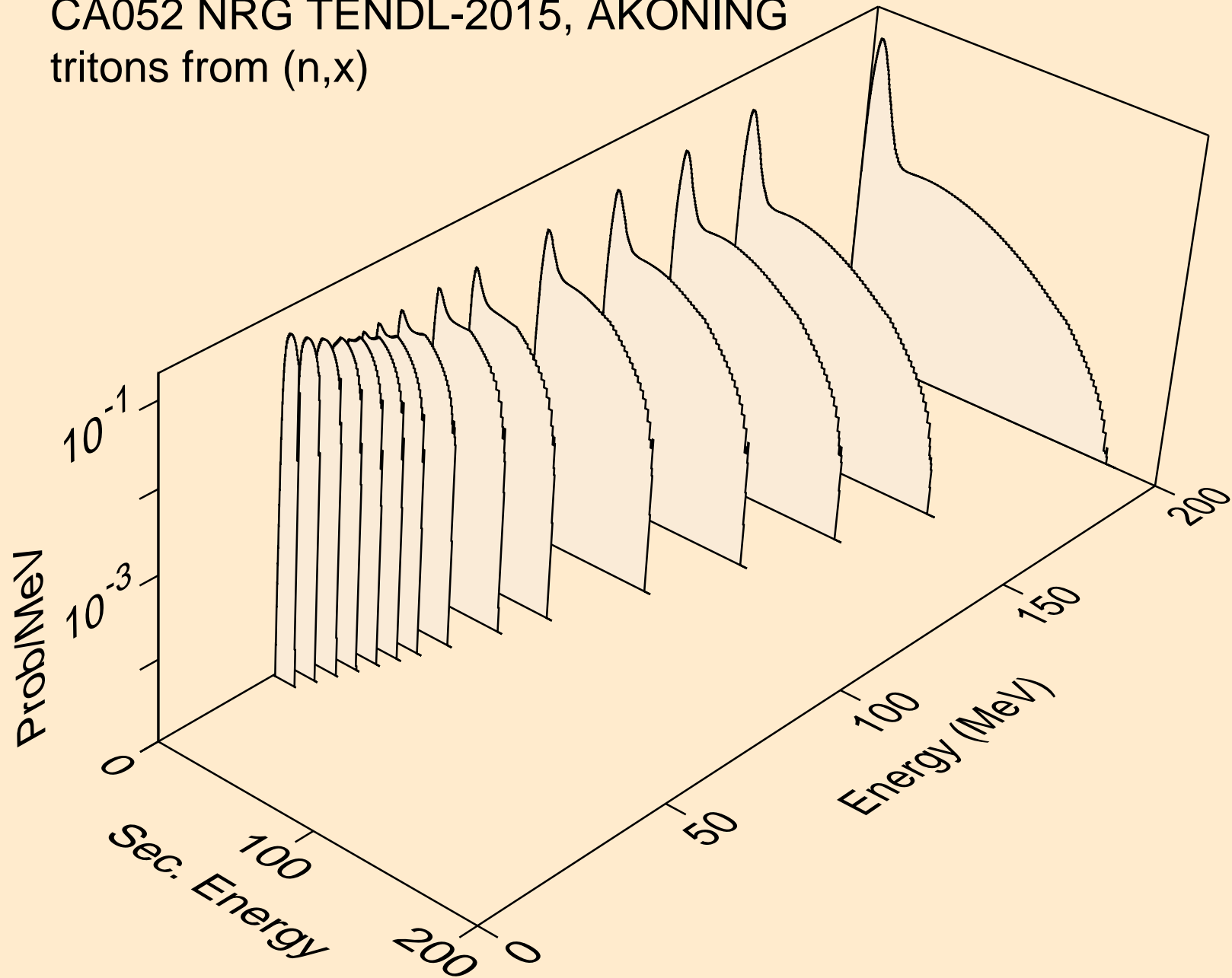
CA052 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



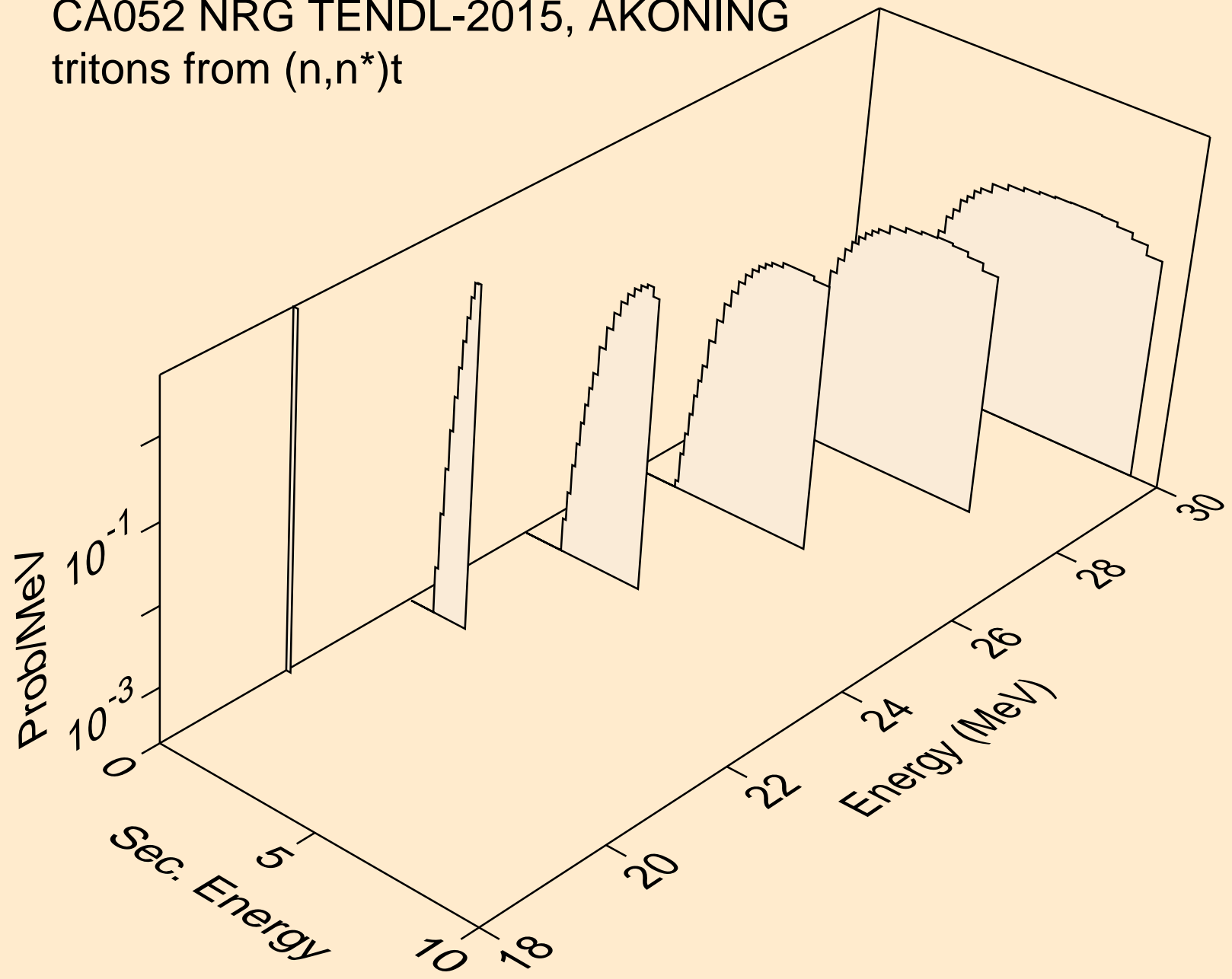
CA052 NRG TENDL-2015, AKONING  
deuterons from (n,d)



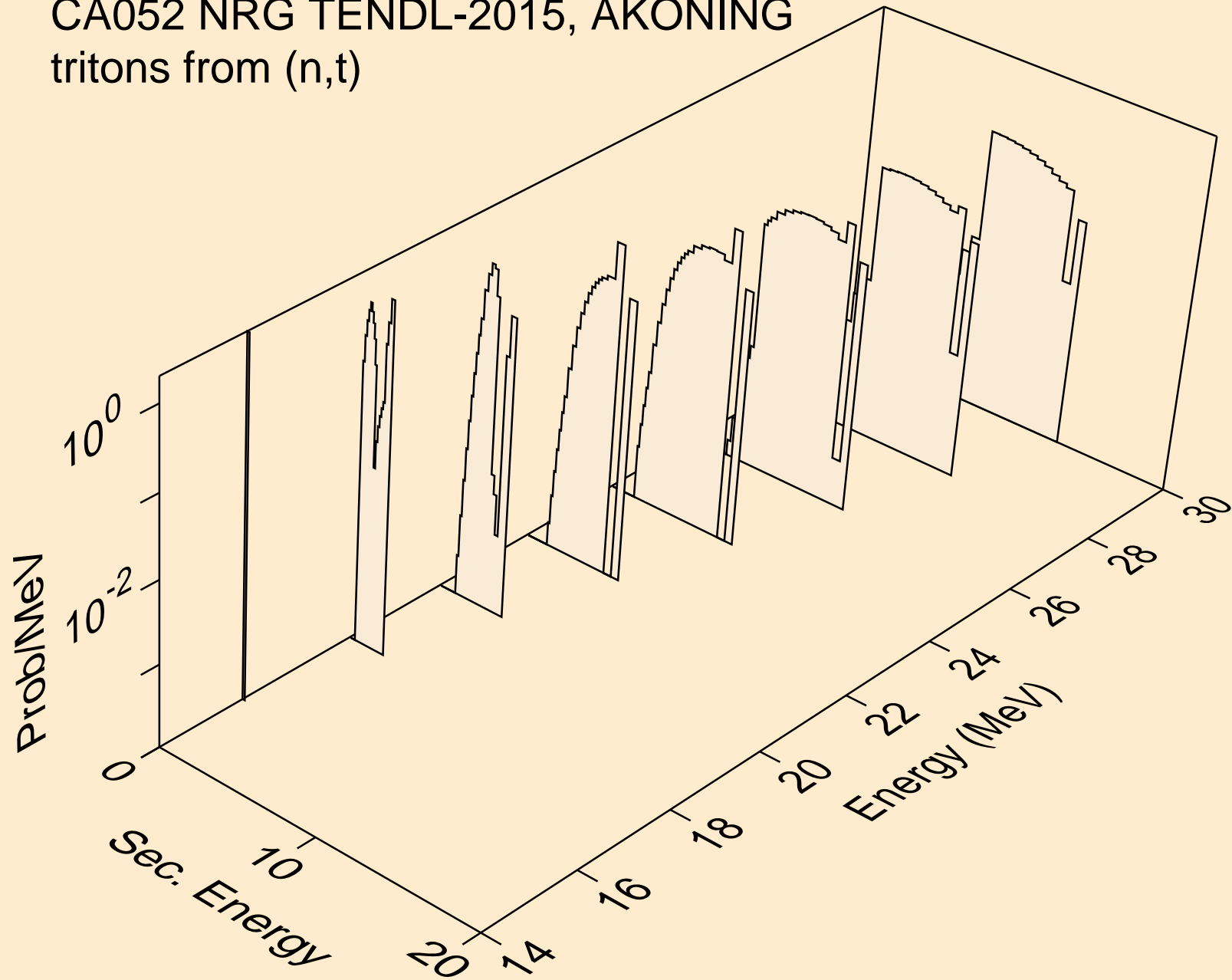
CA052 NRG TENDL-2015, AKONING  
tritons from (n,x)



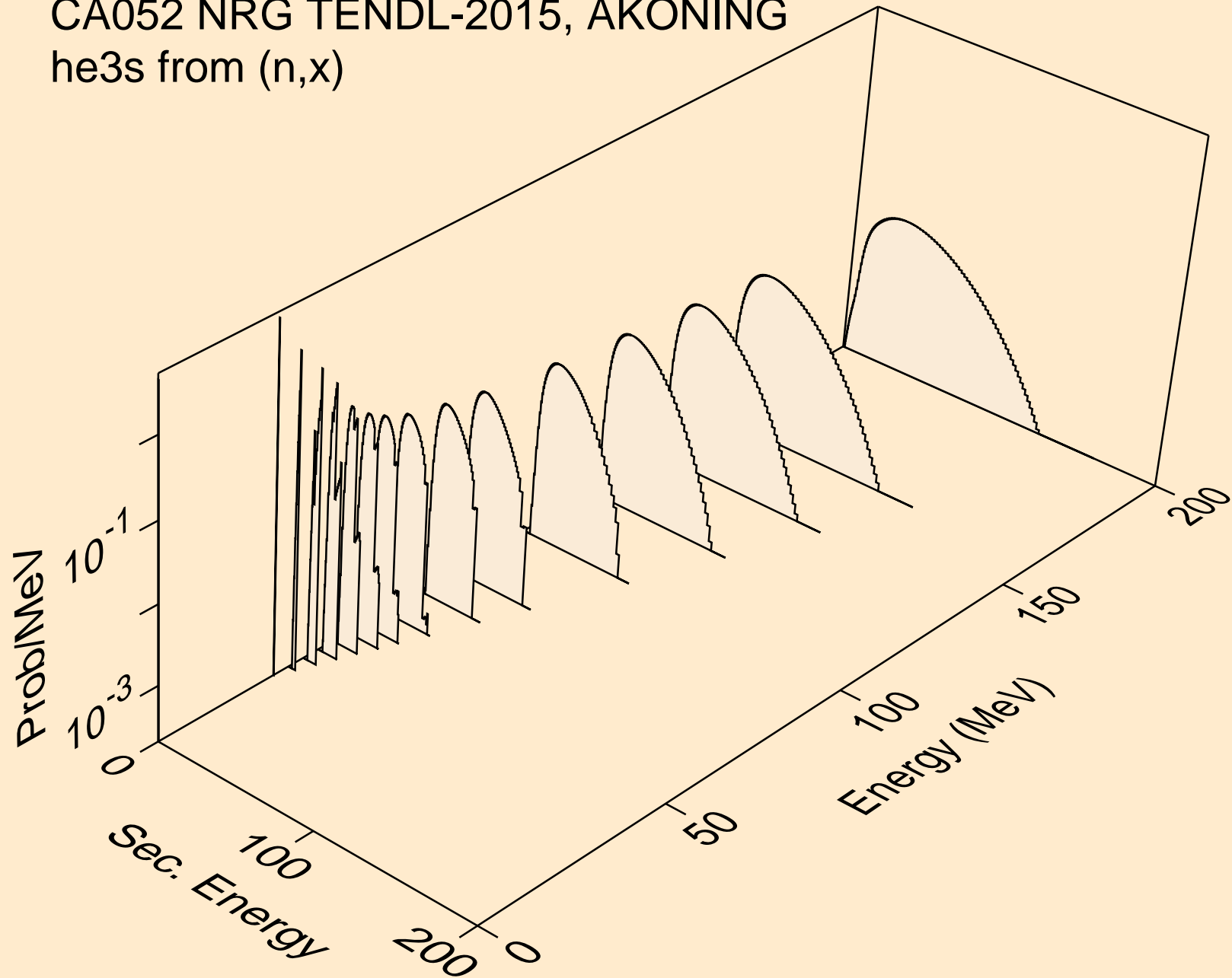
CA052 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



CA052 NRG TENDL-2015, AKONING  
tritons from (n,t)

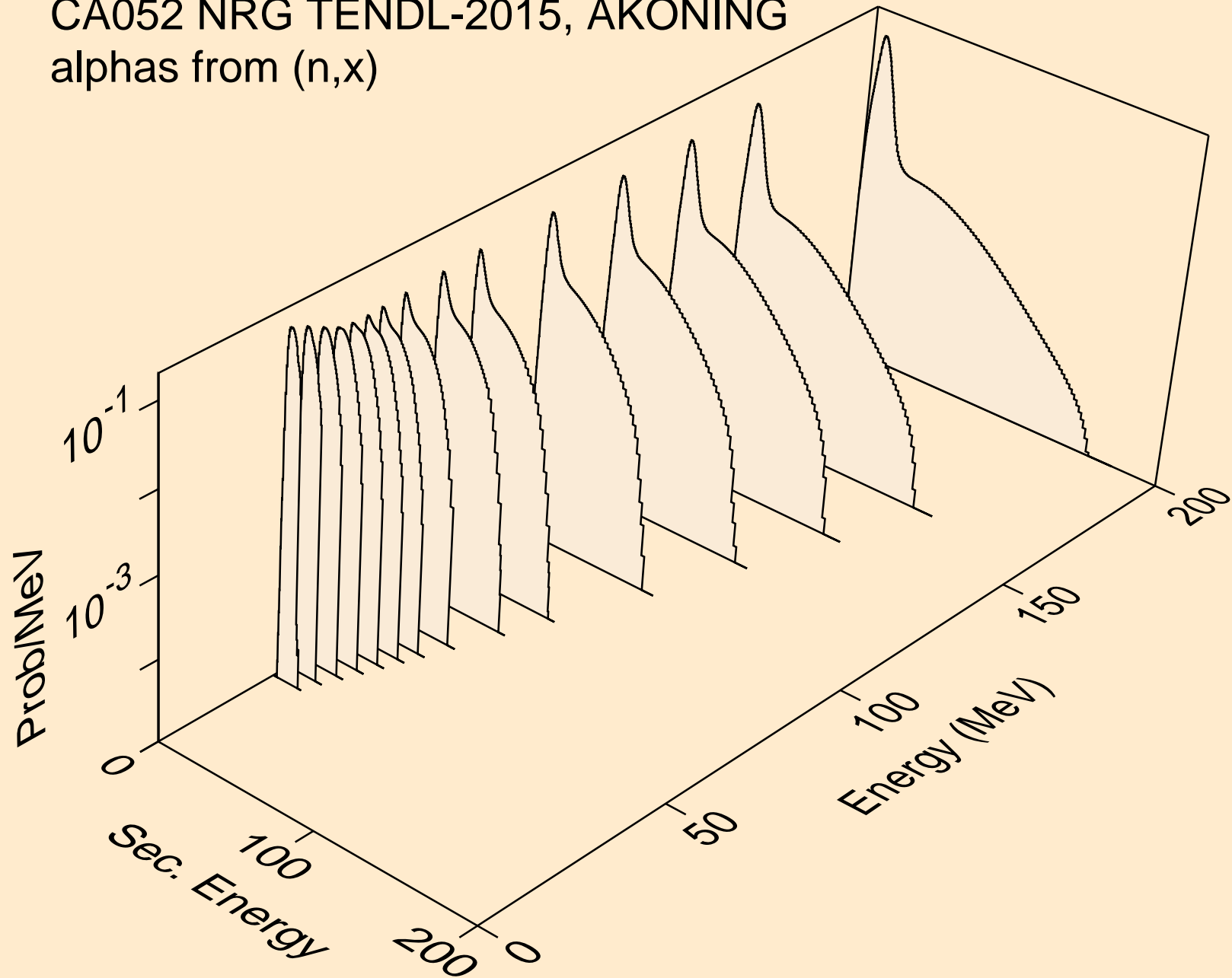


CA052 NRG TENDL-2015, AKONING  
he3s from (n,x)

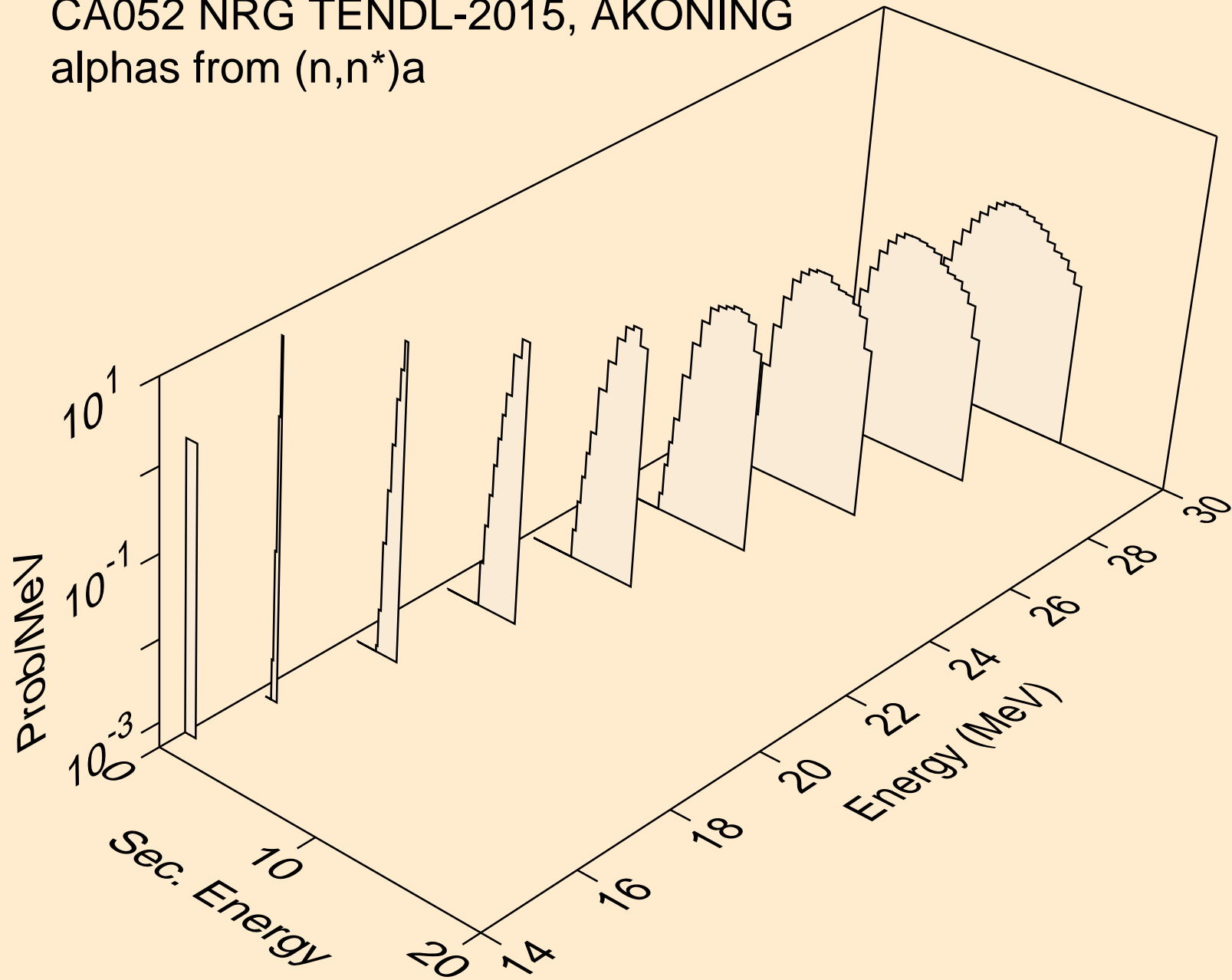




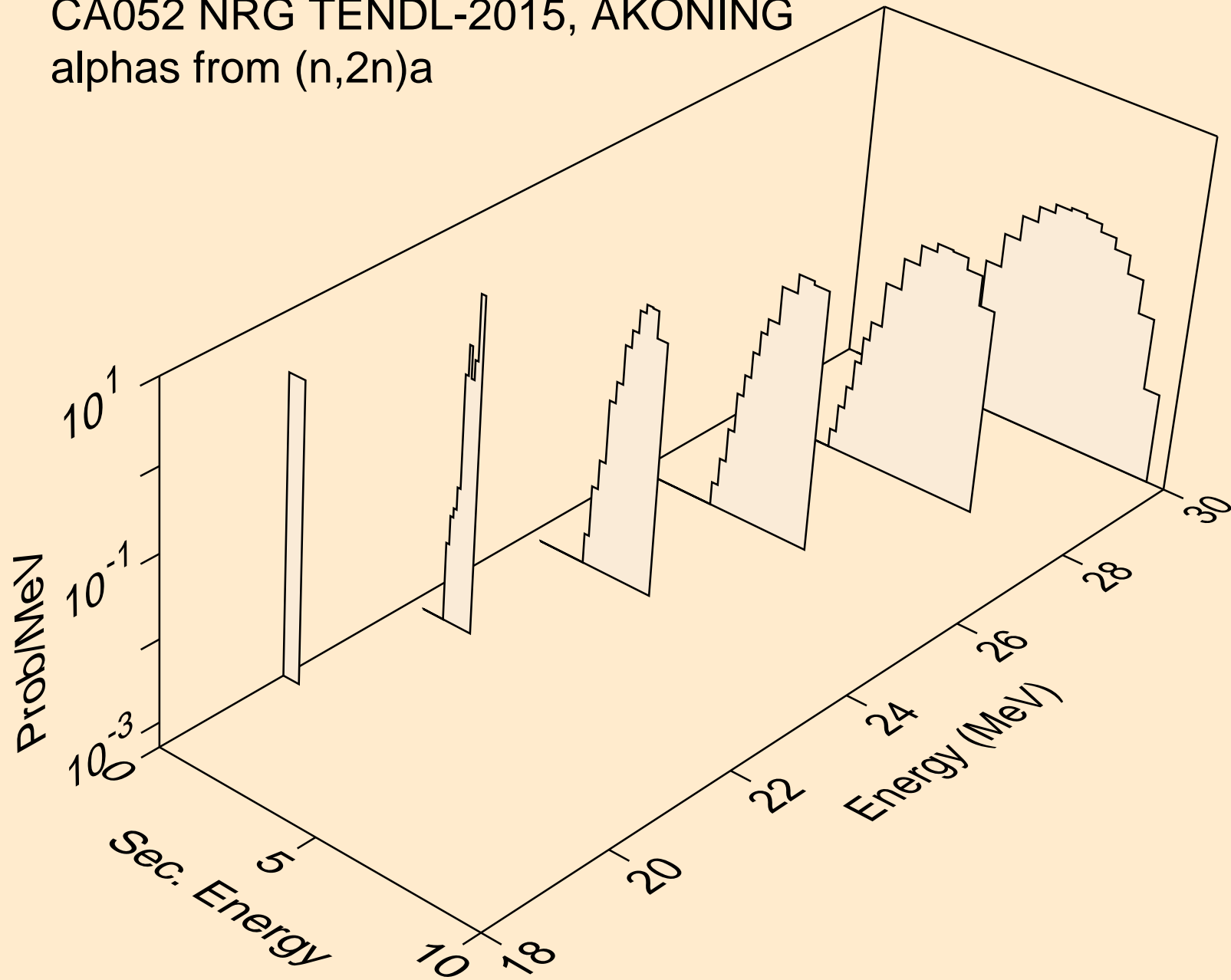
CA052 NRG TENDL-2015, AKONING  
alphas from (n,x)



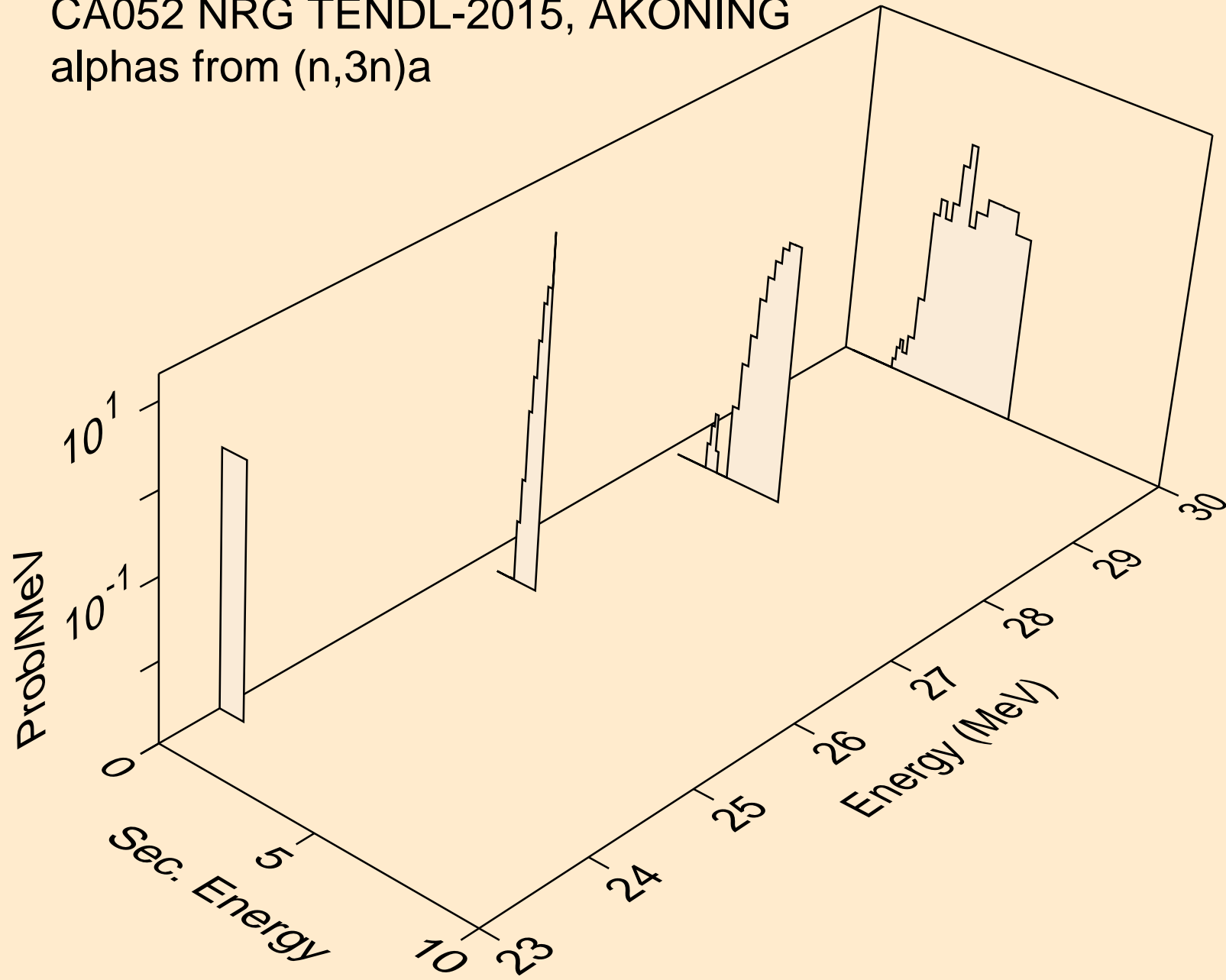
CA052 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



CA052 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



CA052 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



CA052 NRG TENDL-2015, AKONING  
alphas from (n,a)

