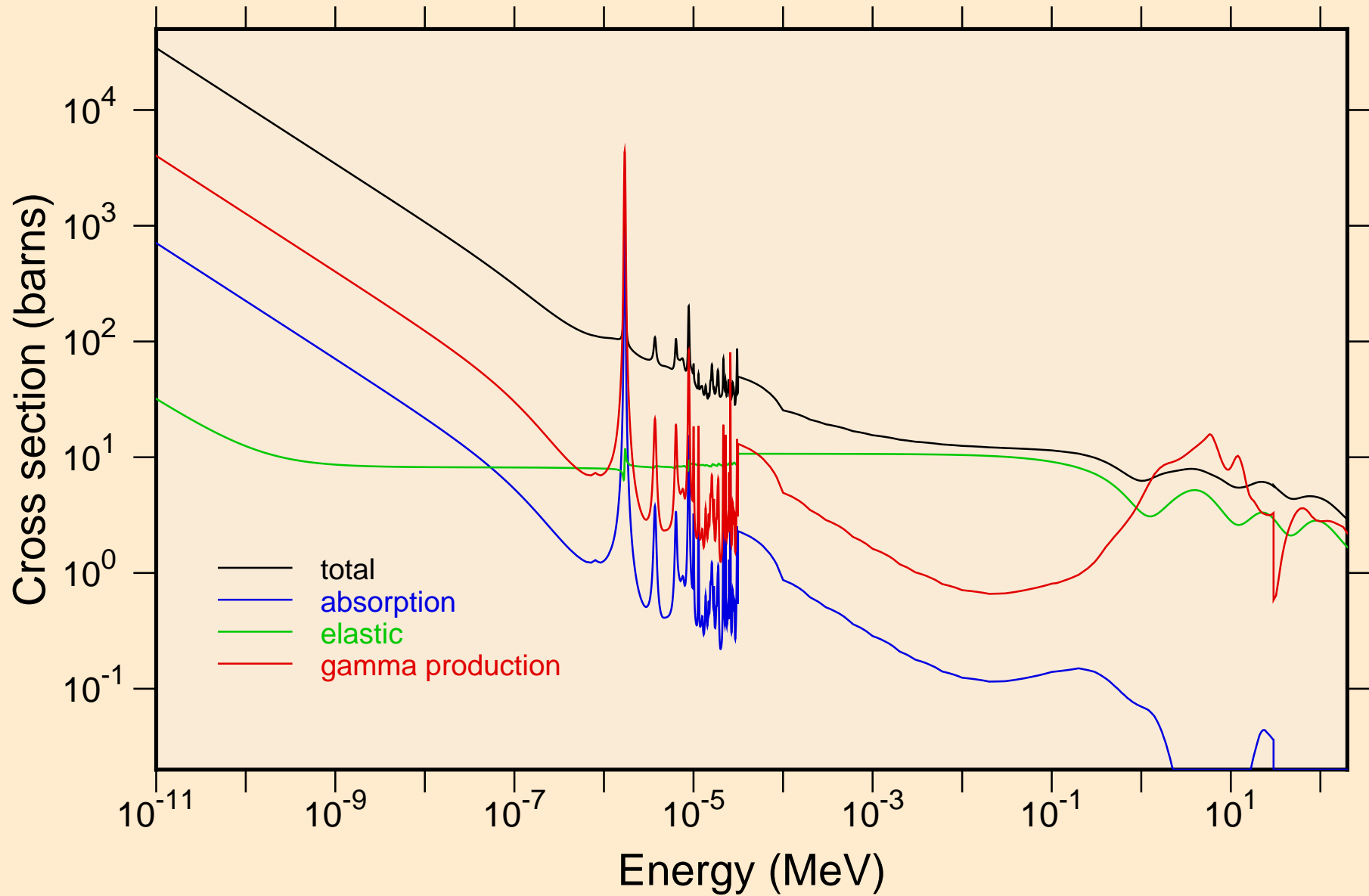


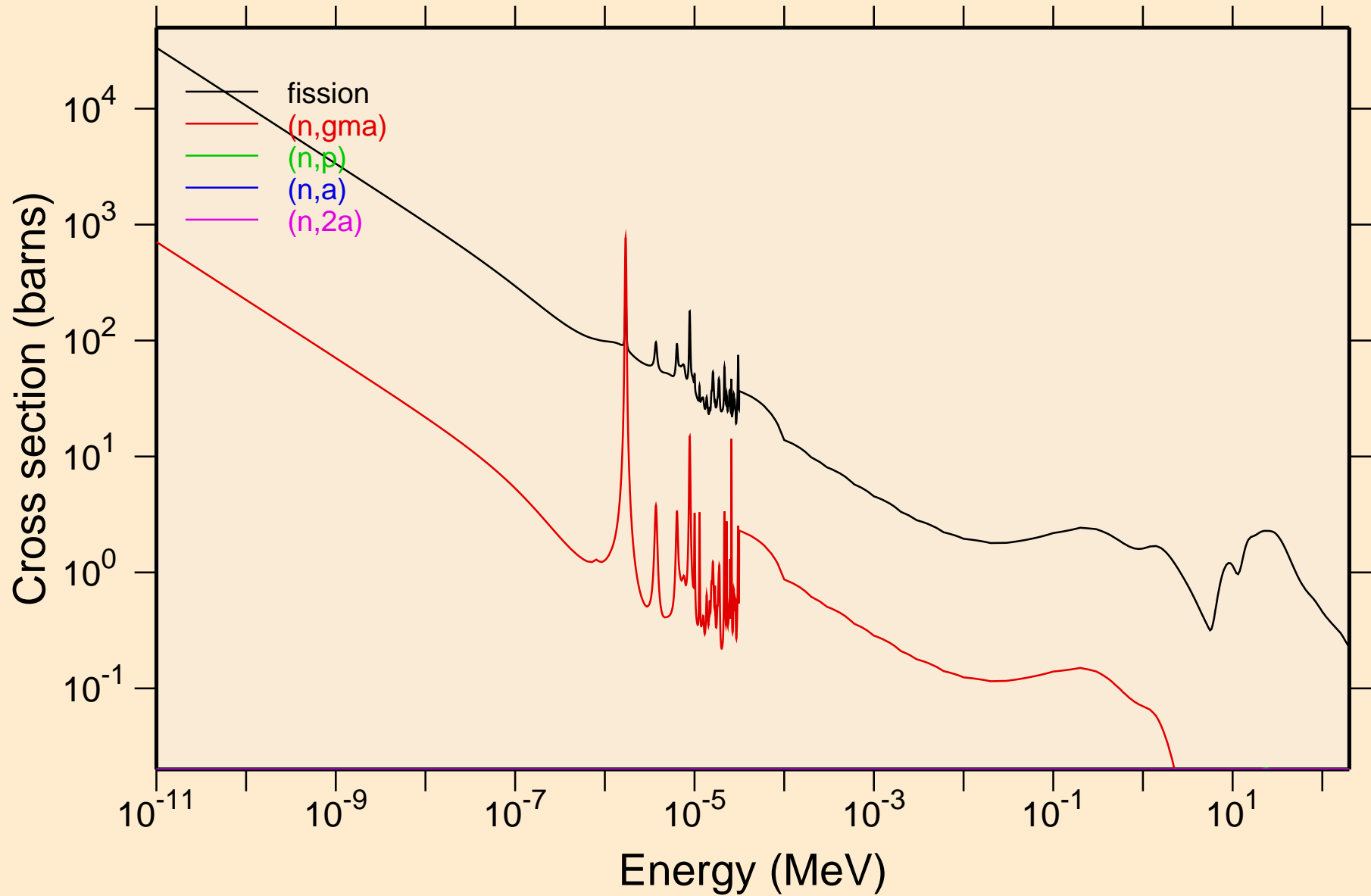
# PA230 NRG TENDL-2015, AKONING

## Principal cross sections



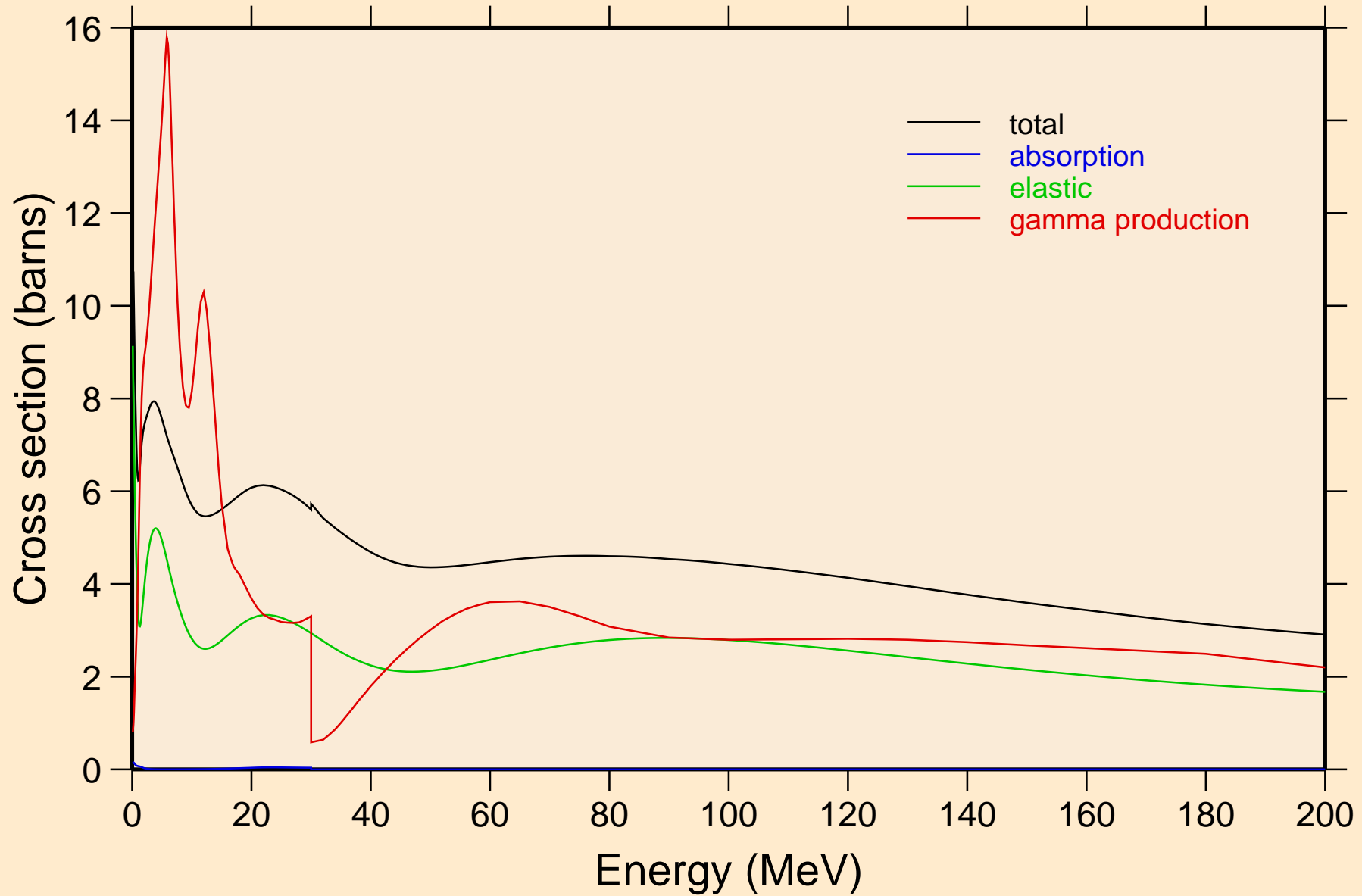
# PA230 NRG TENDL-2015, AKONING

## Non-threshold reactions



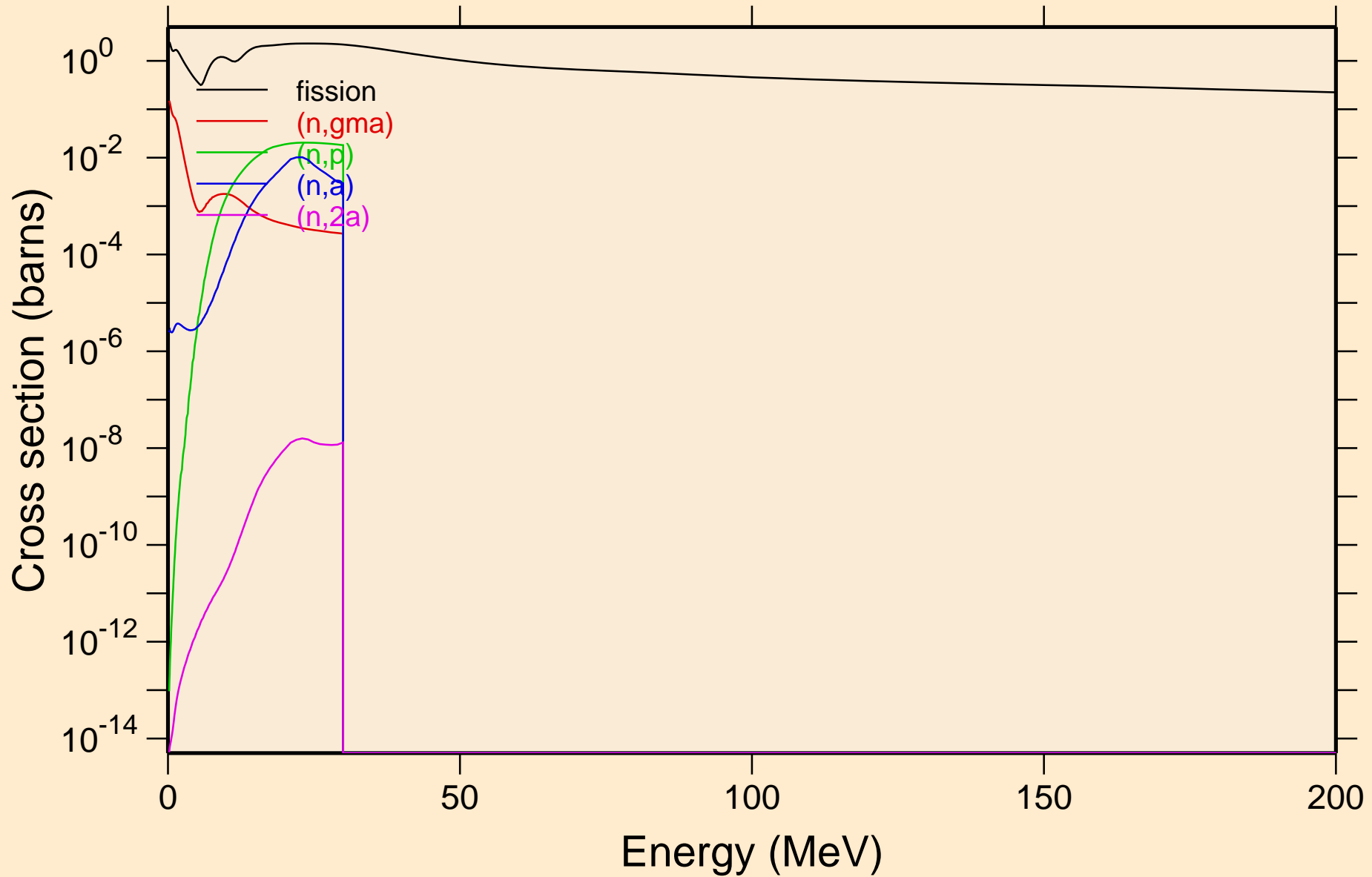
# PA230 NRG TENDL-2015, AKONING

## Principal cross sections

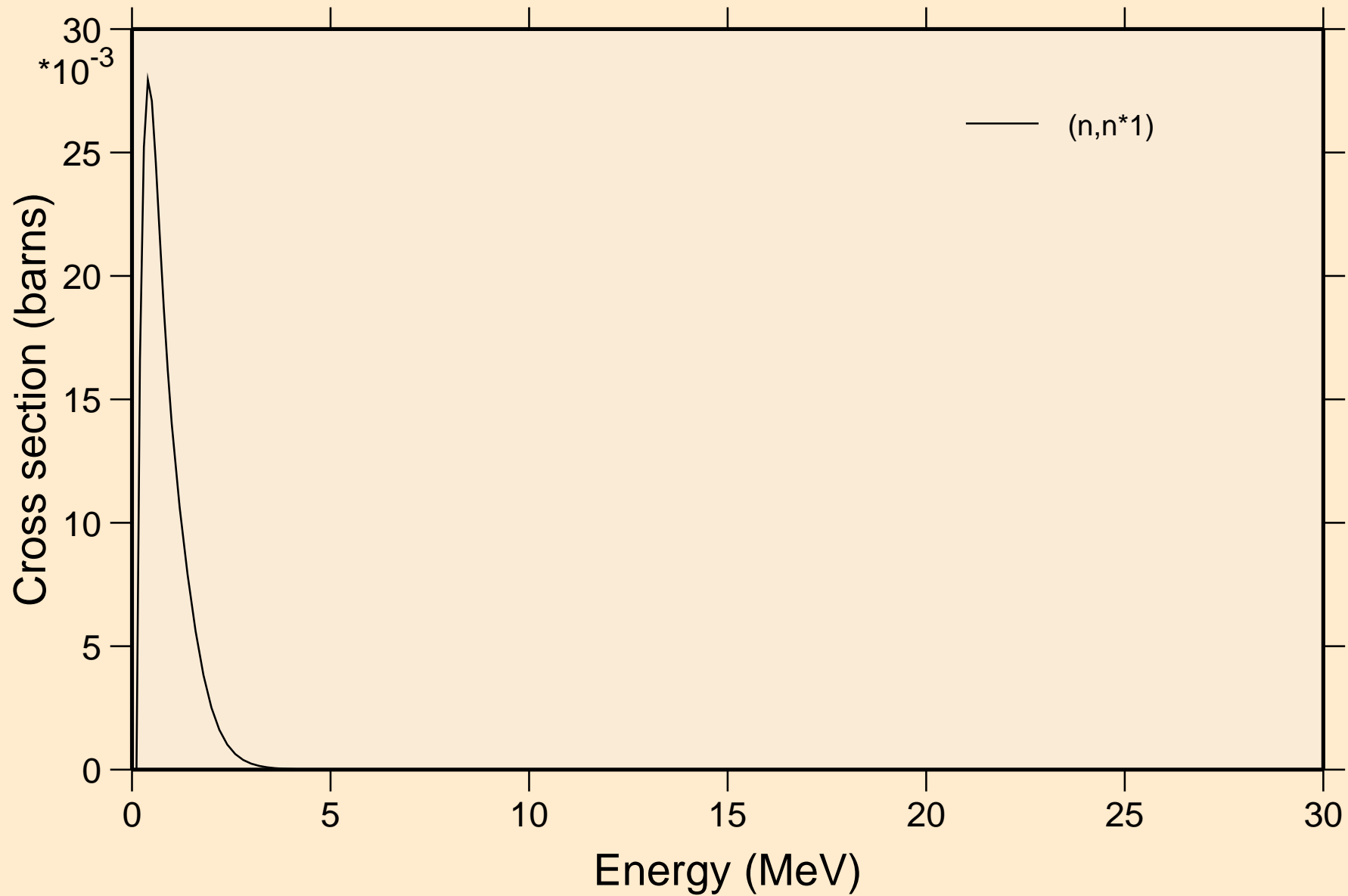


# PA230 NRG TENDL-2015, AKONING

## Non-threshold reactions

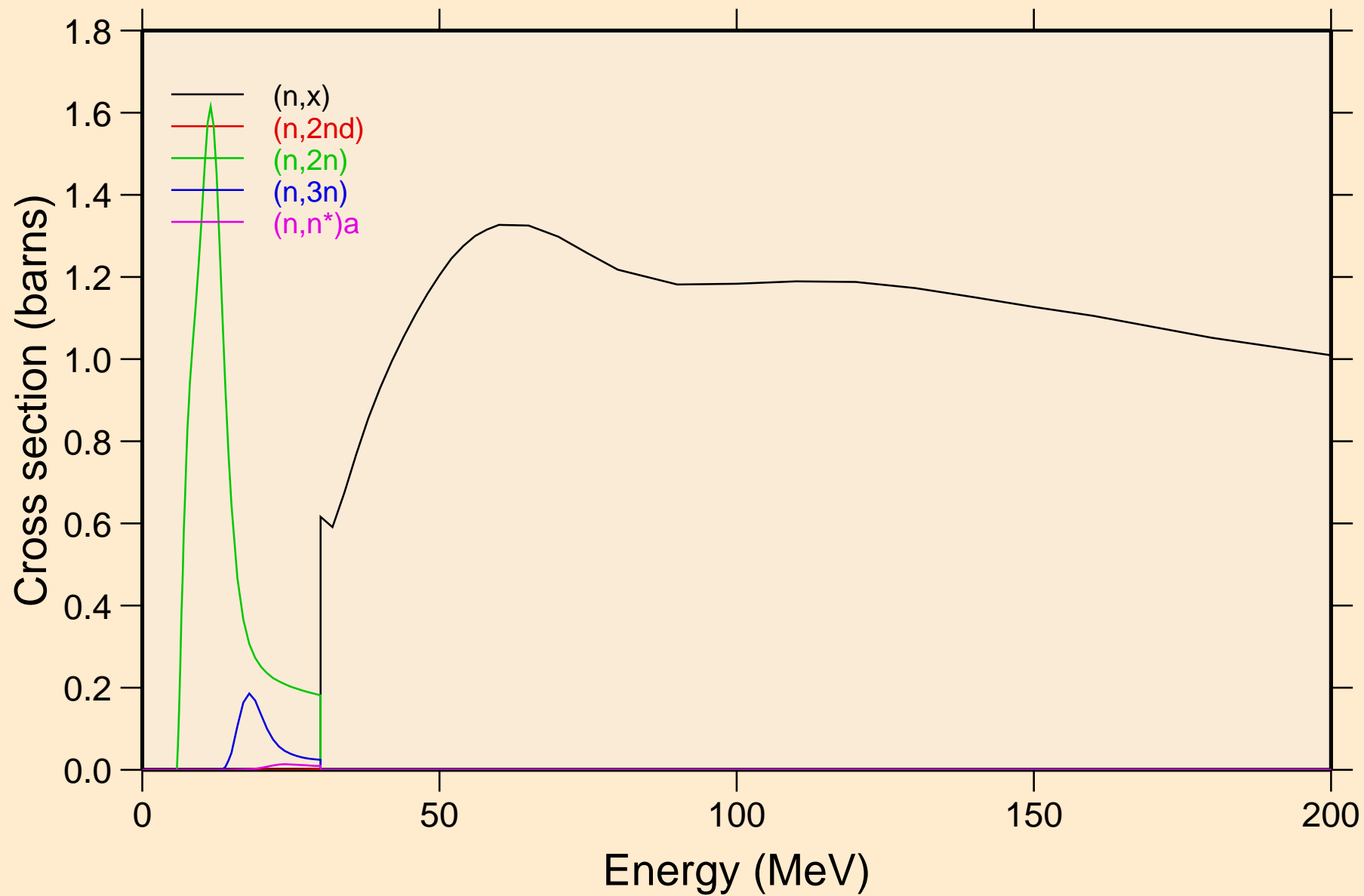


PA230 NRG TENDL-2015, AKONING  
Inelastic levels



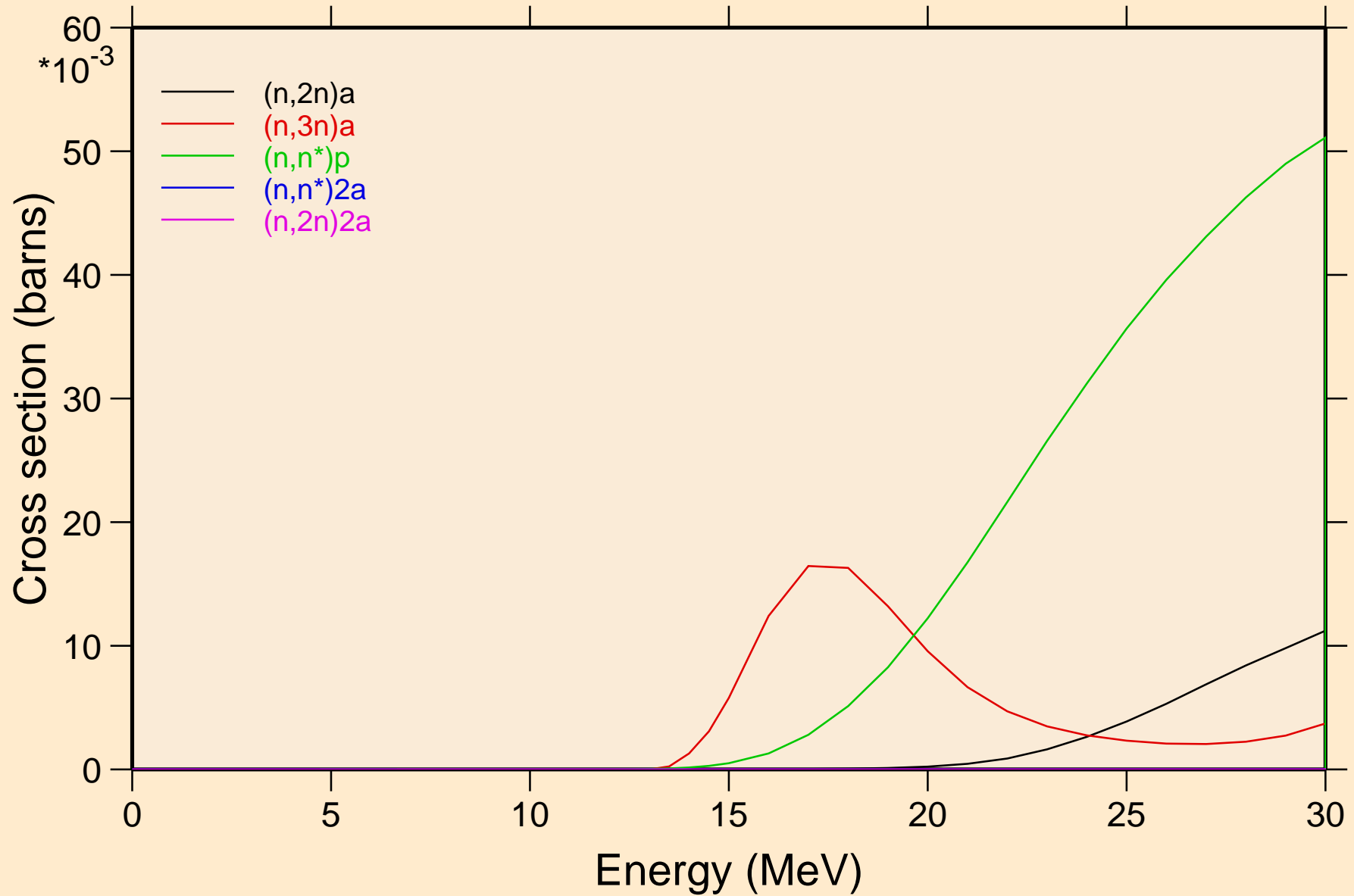
# PA230 NRG TENDL-2015, AKONING

## Threshold reactions



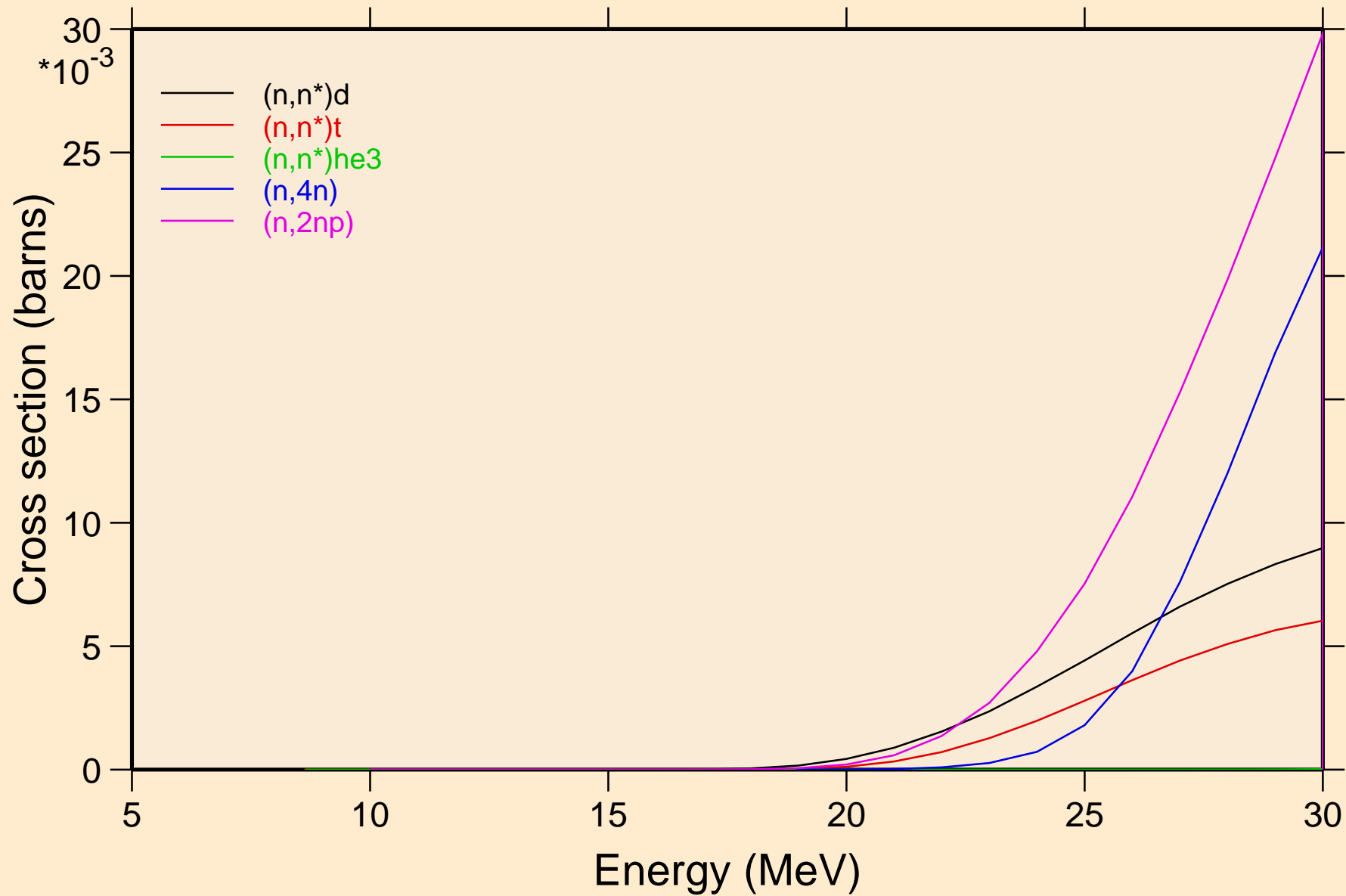
# PA230 NRG TENDL-2015, AKONING

## Threshold reactions



# PA230 NRG TENDL-2015, AKONING

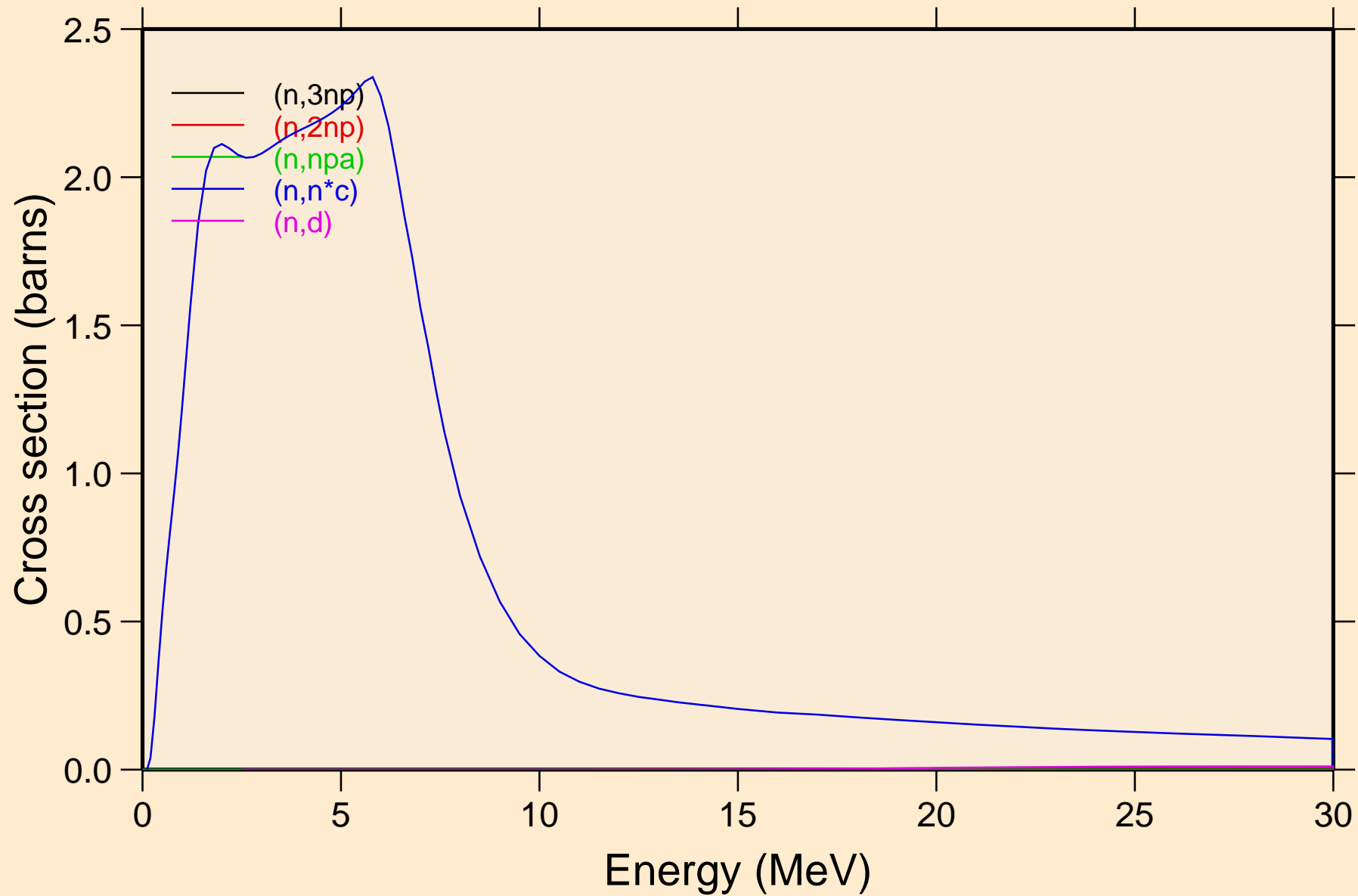
## Threshold reactions





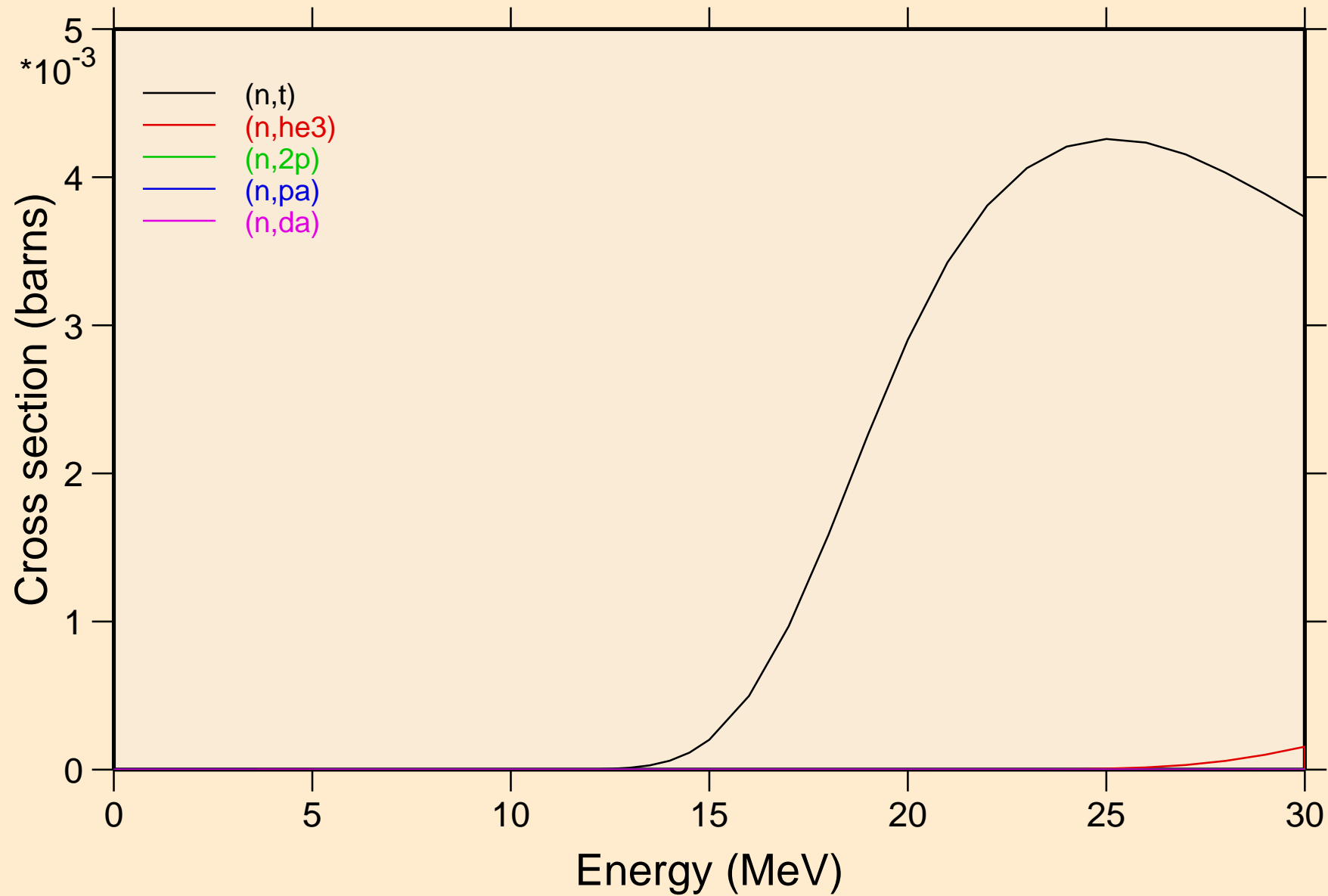
# PA230 NRG TENDL-2015, AKONING

## Threshold reactions

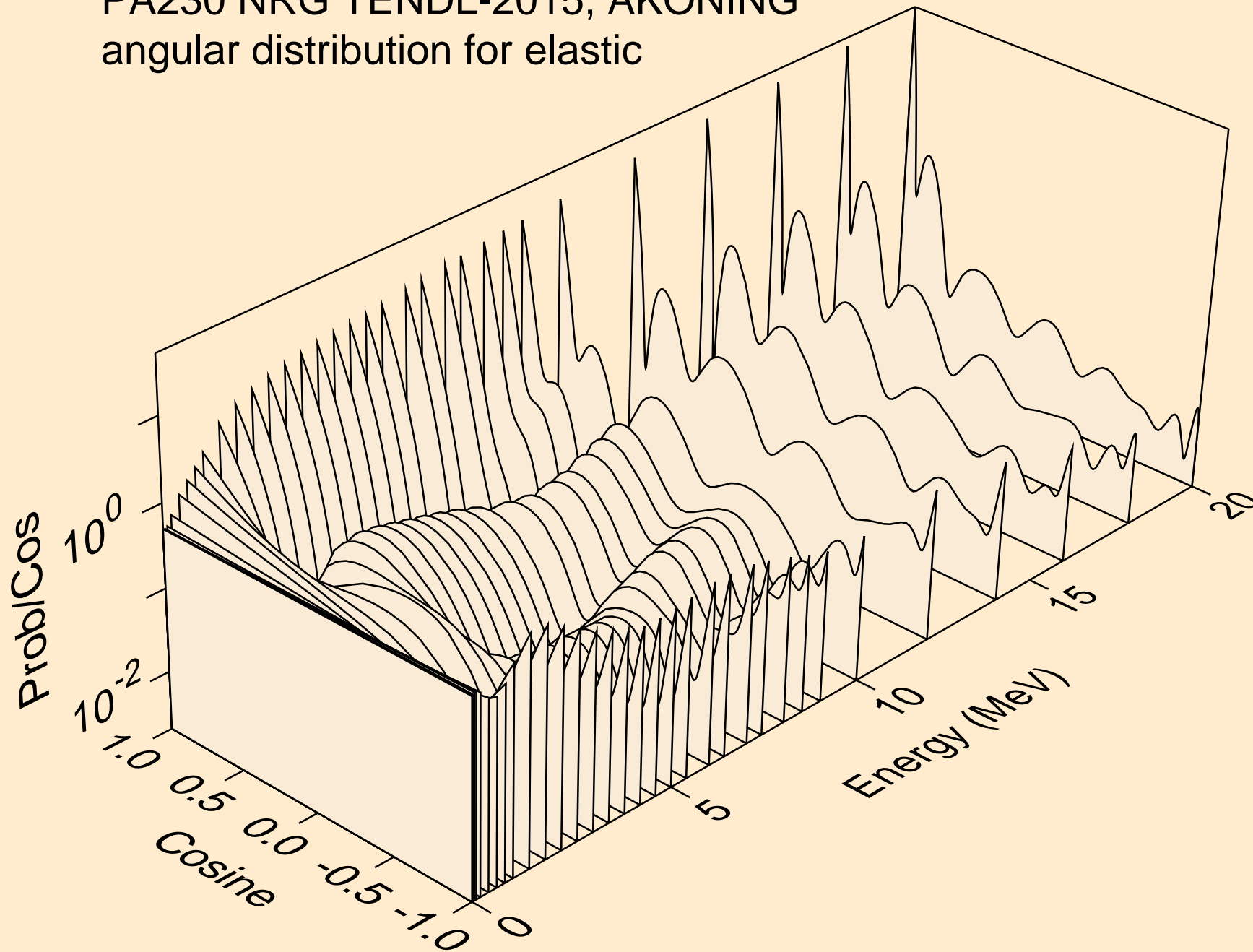


# PA230 NRG TENDL-2015, AKONING

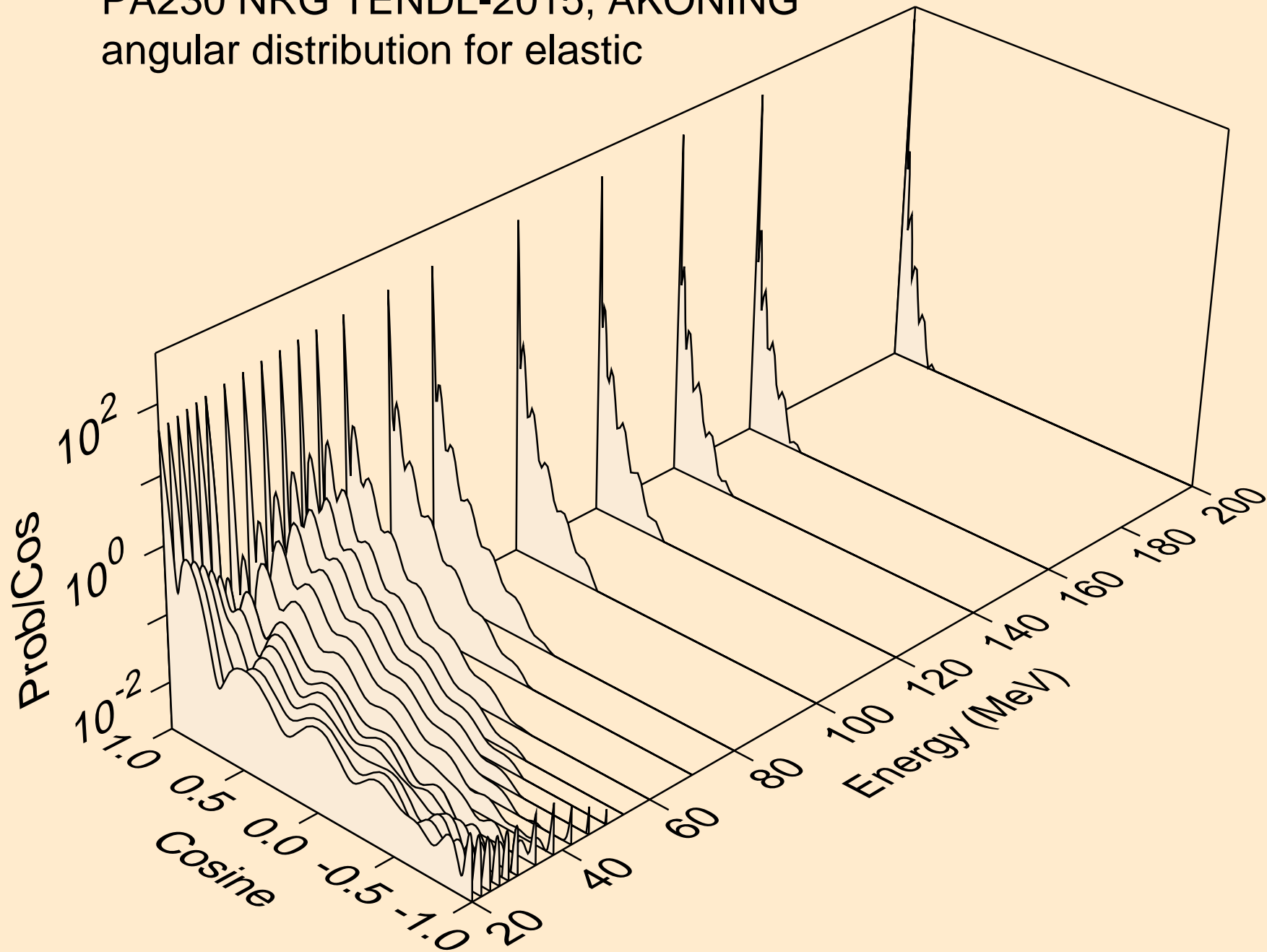
## Threshold reactions



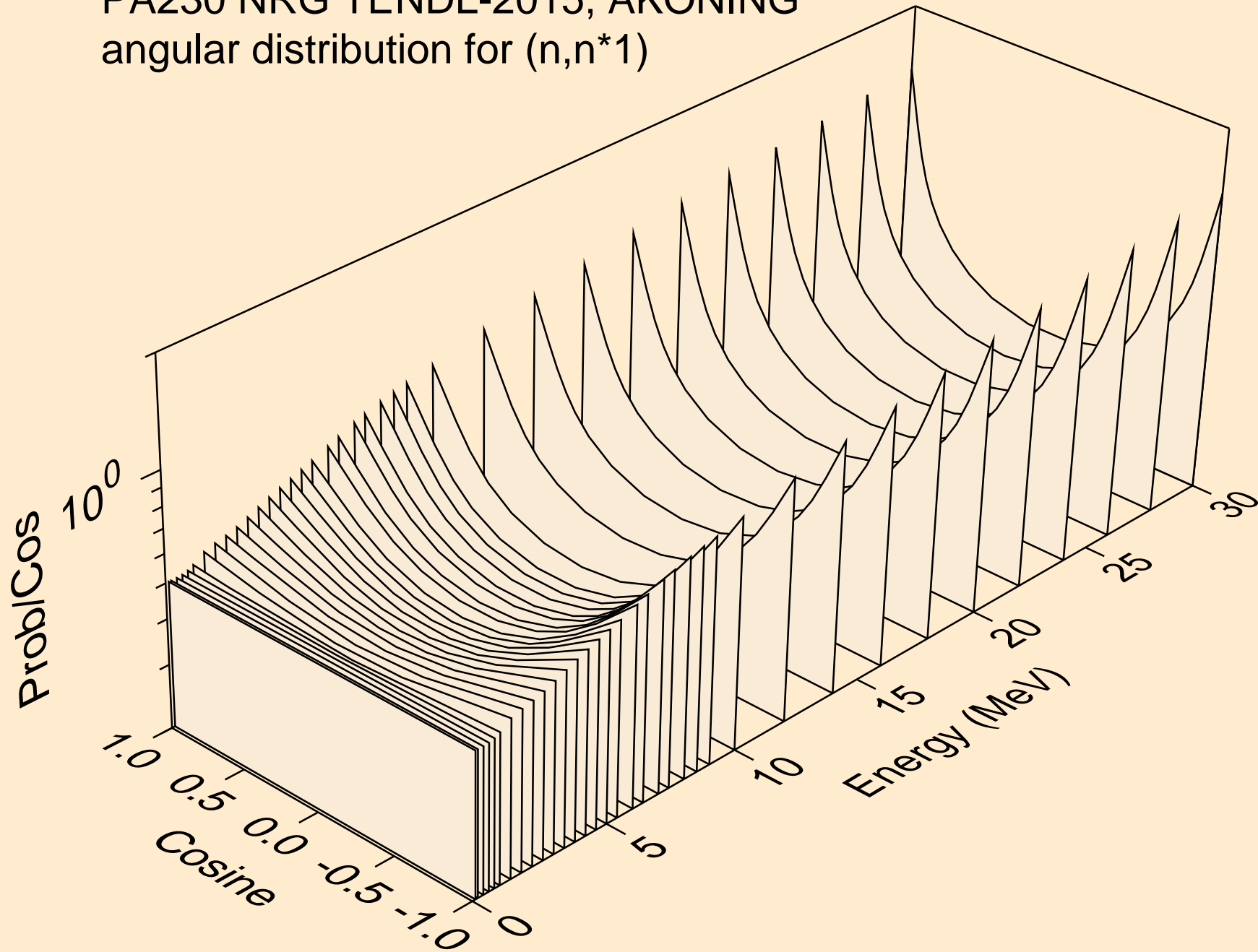
PA230 NRG TENDL-2015, AKONING  
angular distribution for elastic



PA230 NRG TENDL-2015, AKONING  
angular distribution for elastic

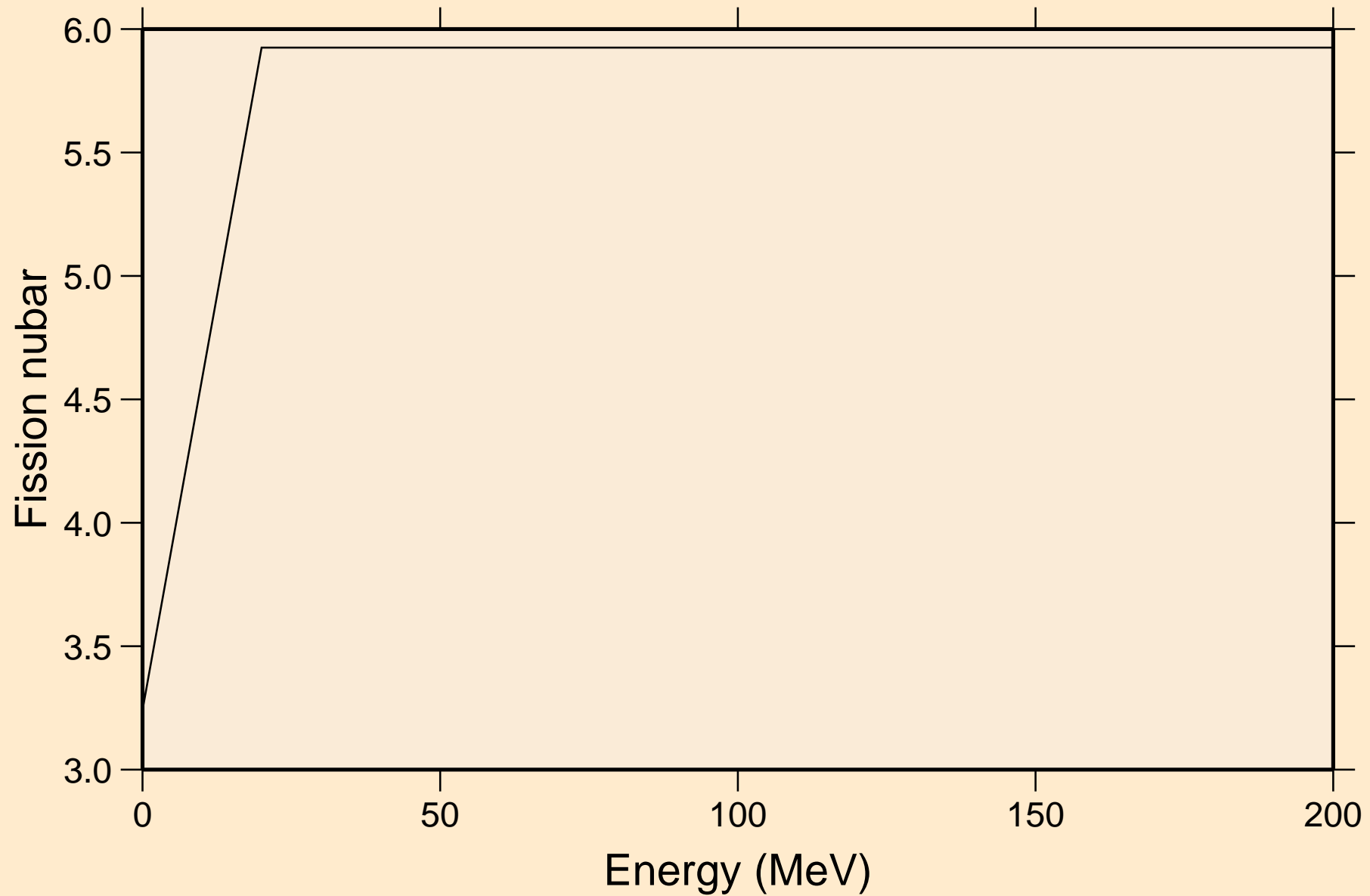


PA230 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

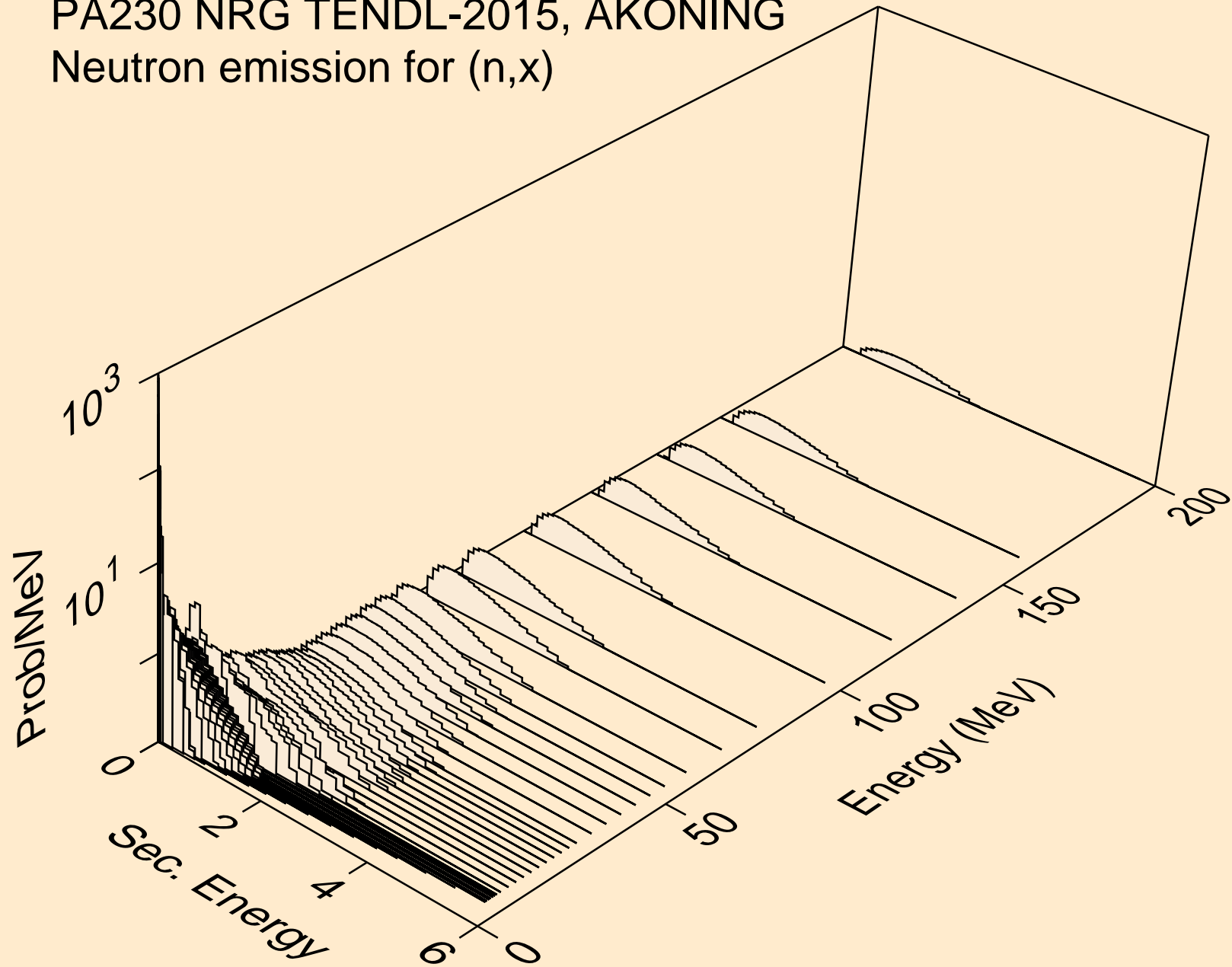


# PA230 NRG TENDL-2015, AKONING

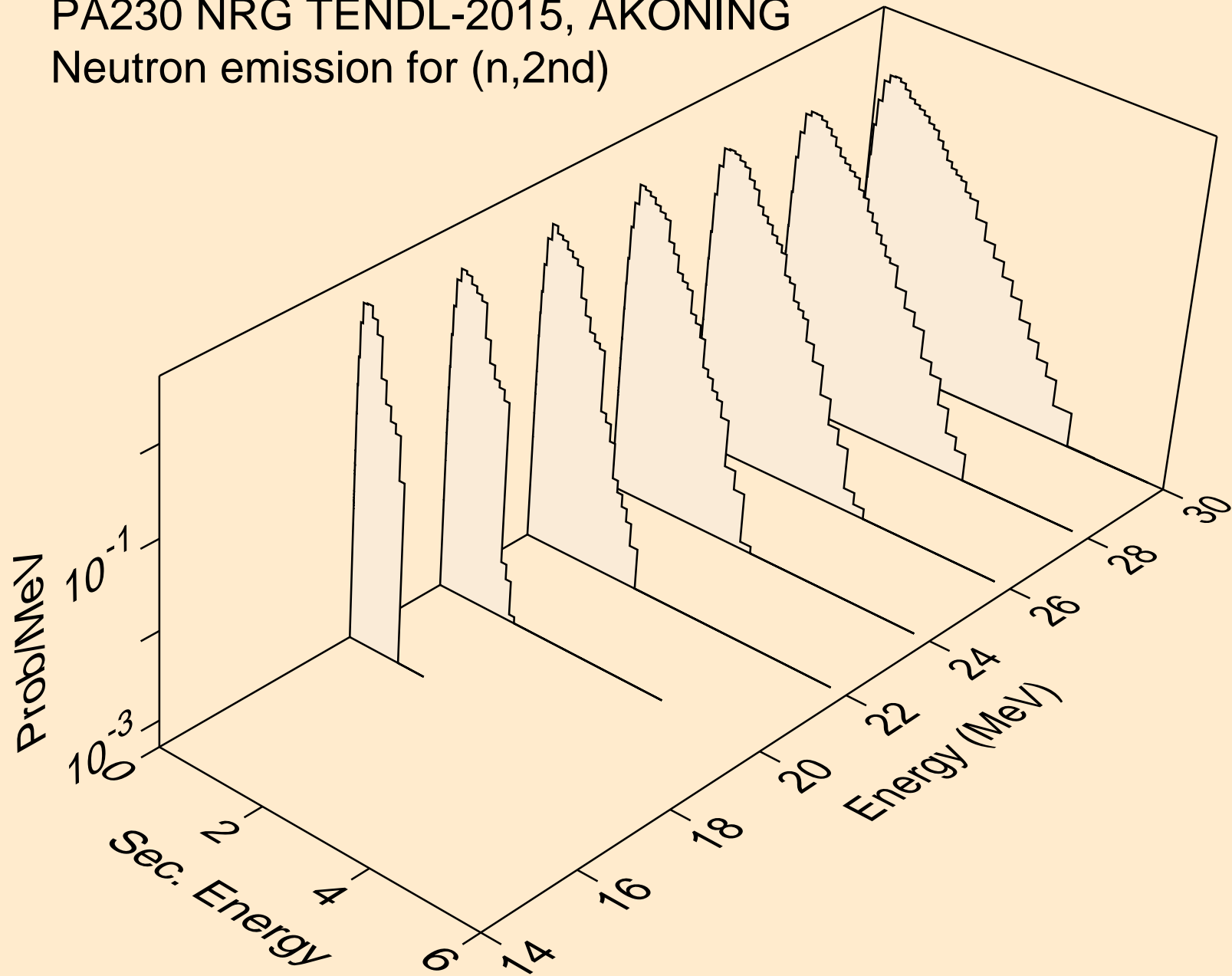
Total fission nubar



PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

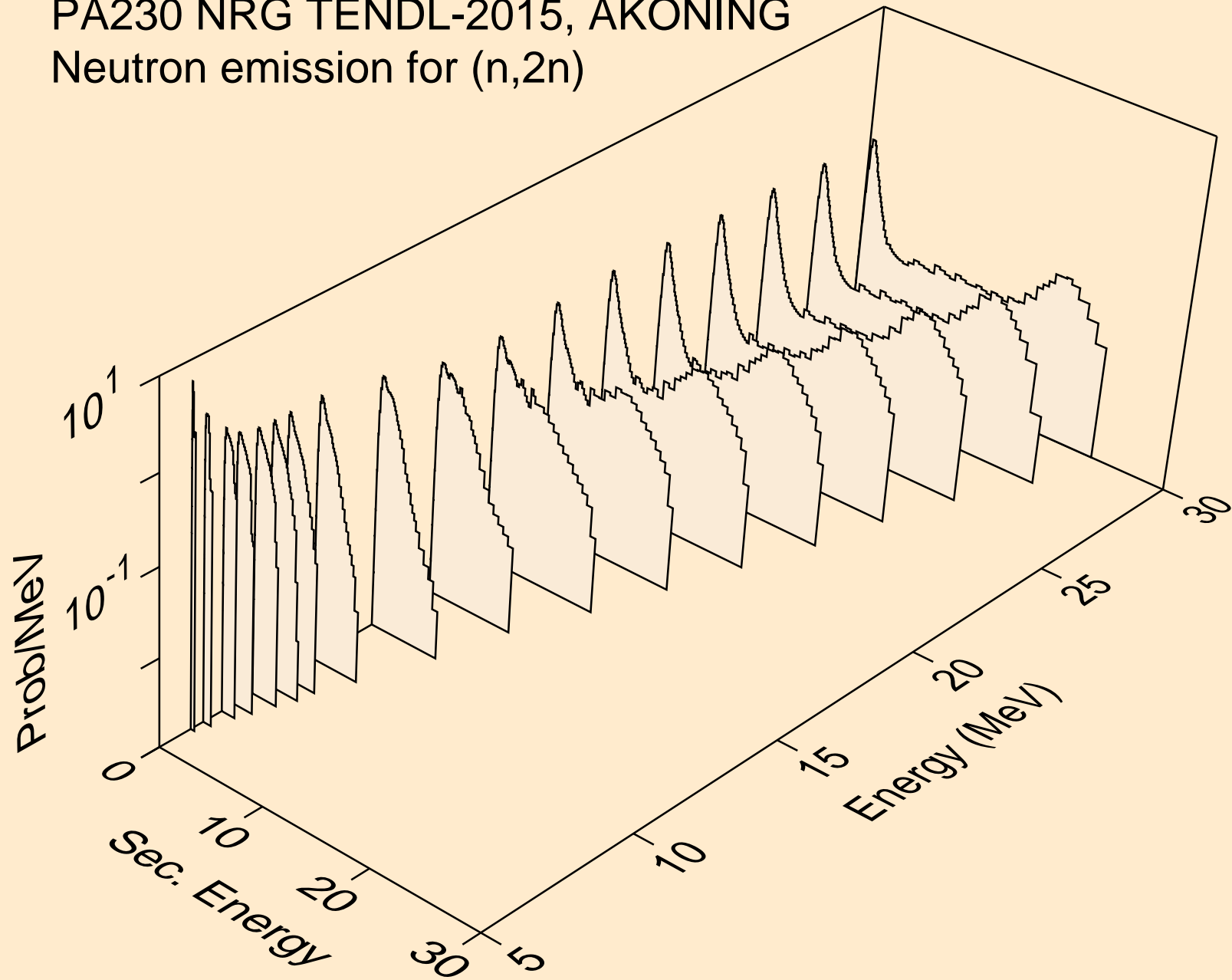


PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

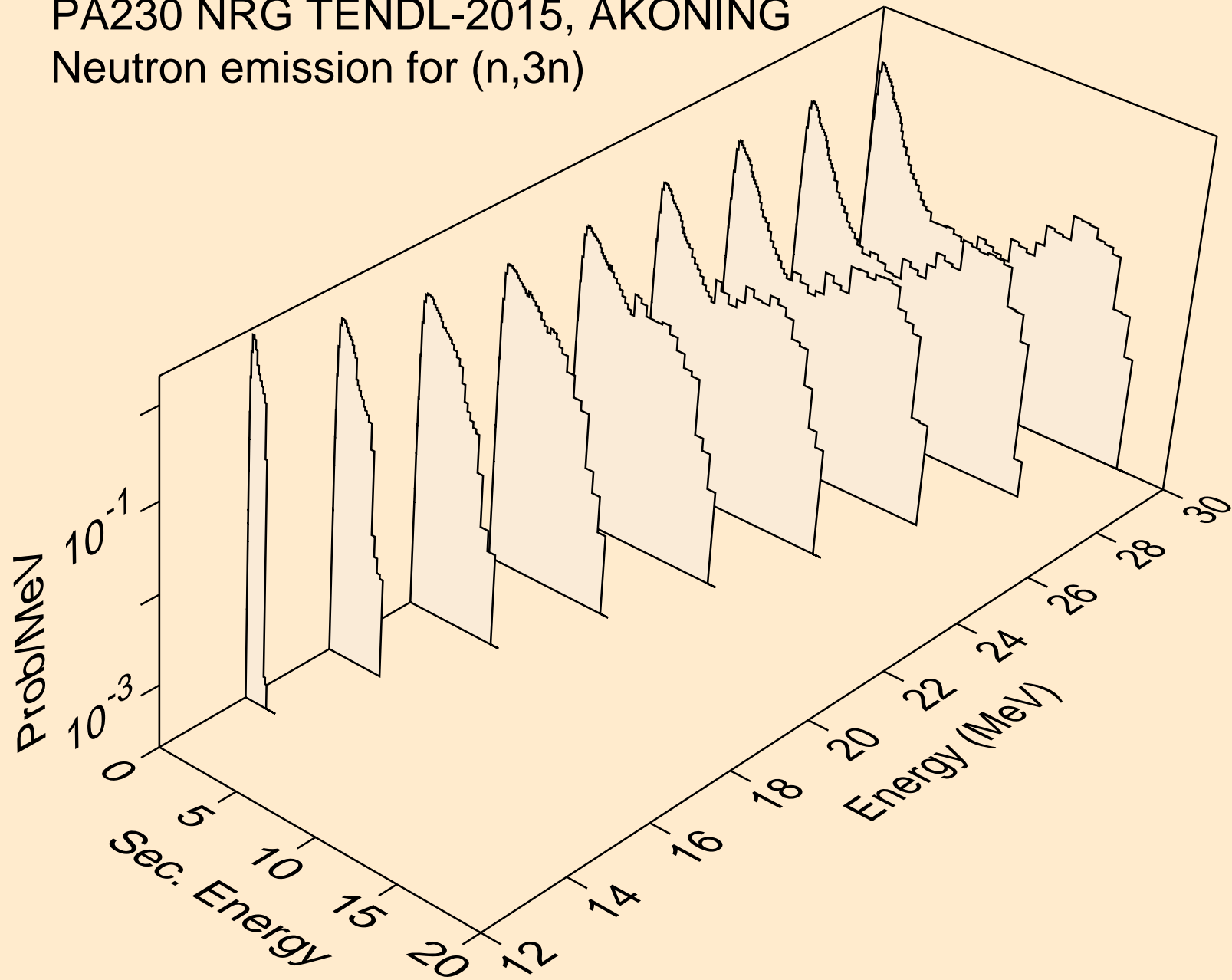




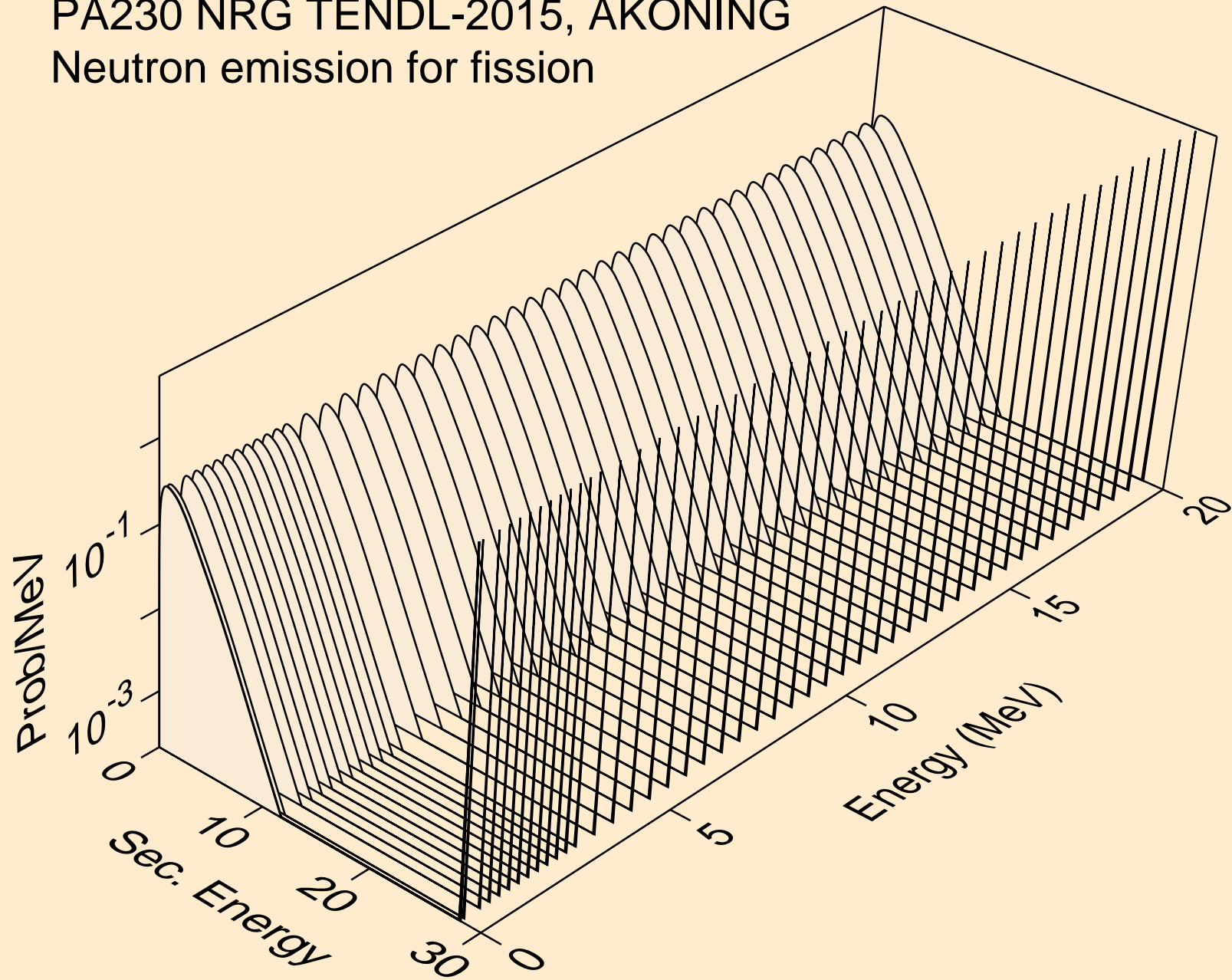
PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



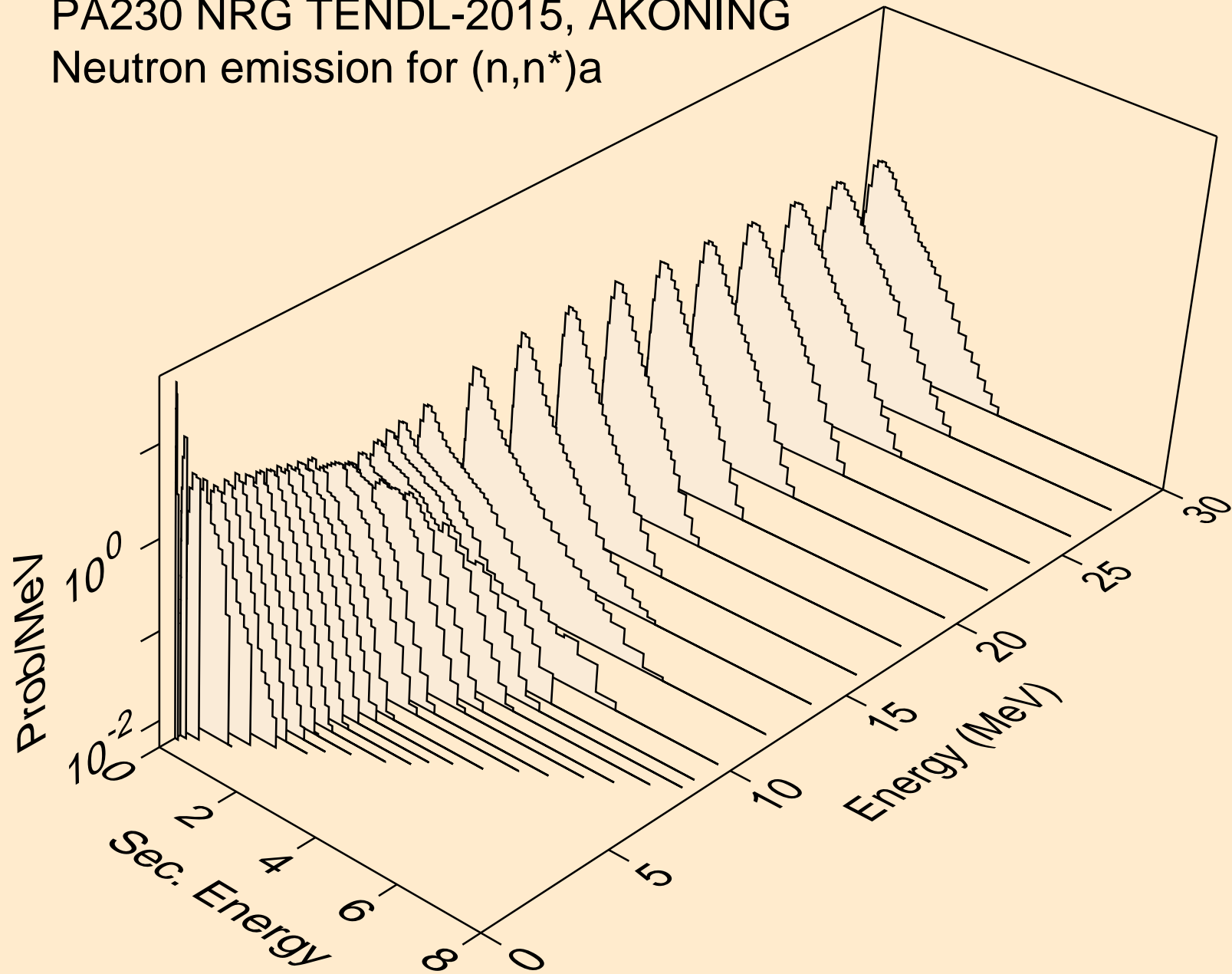
PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



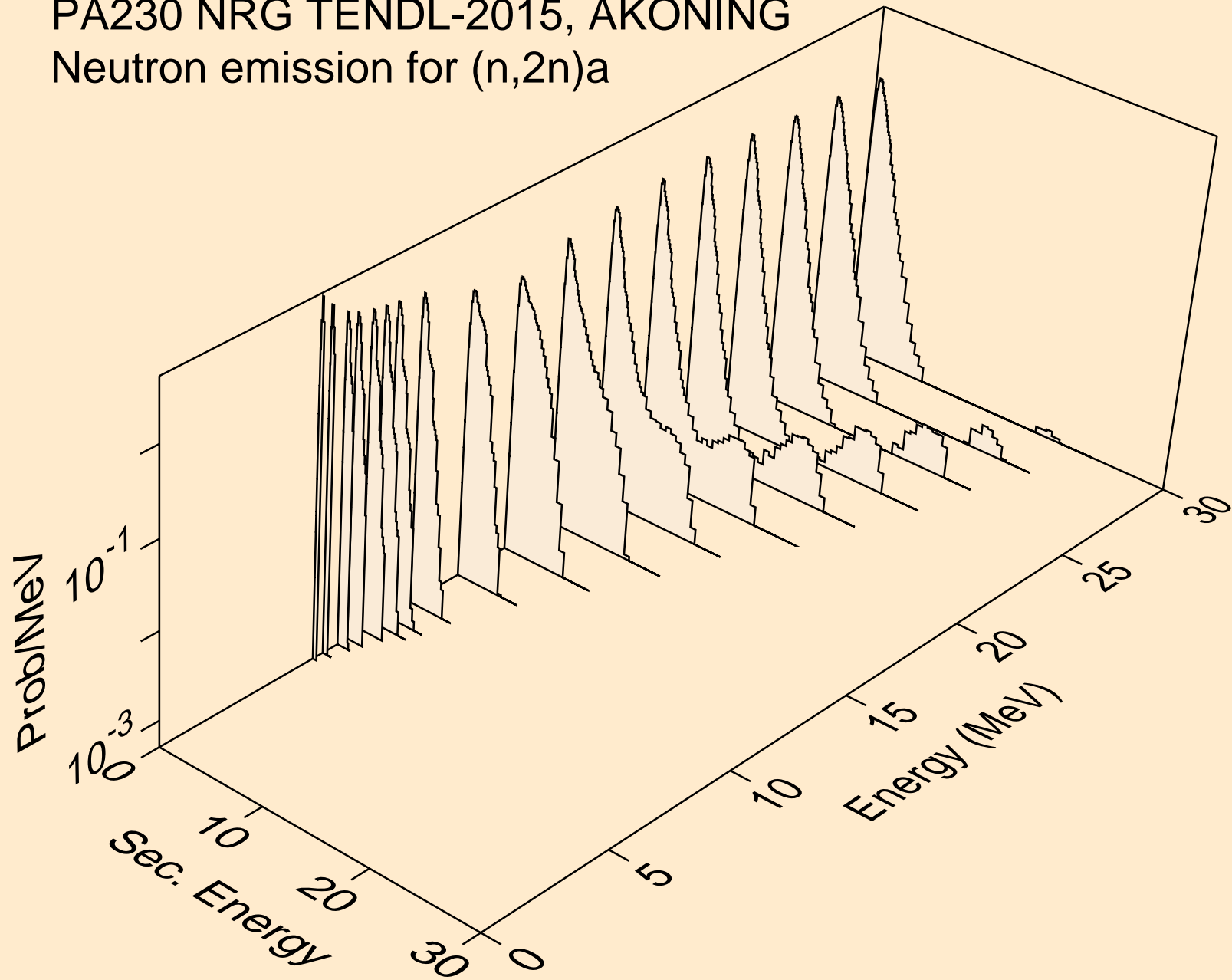
PA230 NRG TENDL-2015, AKONING  
Neutron emission for fission



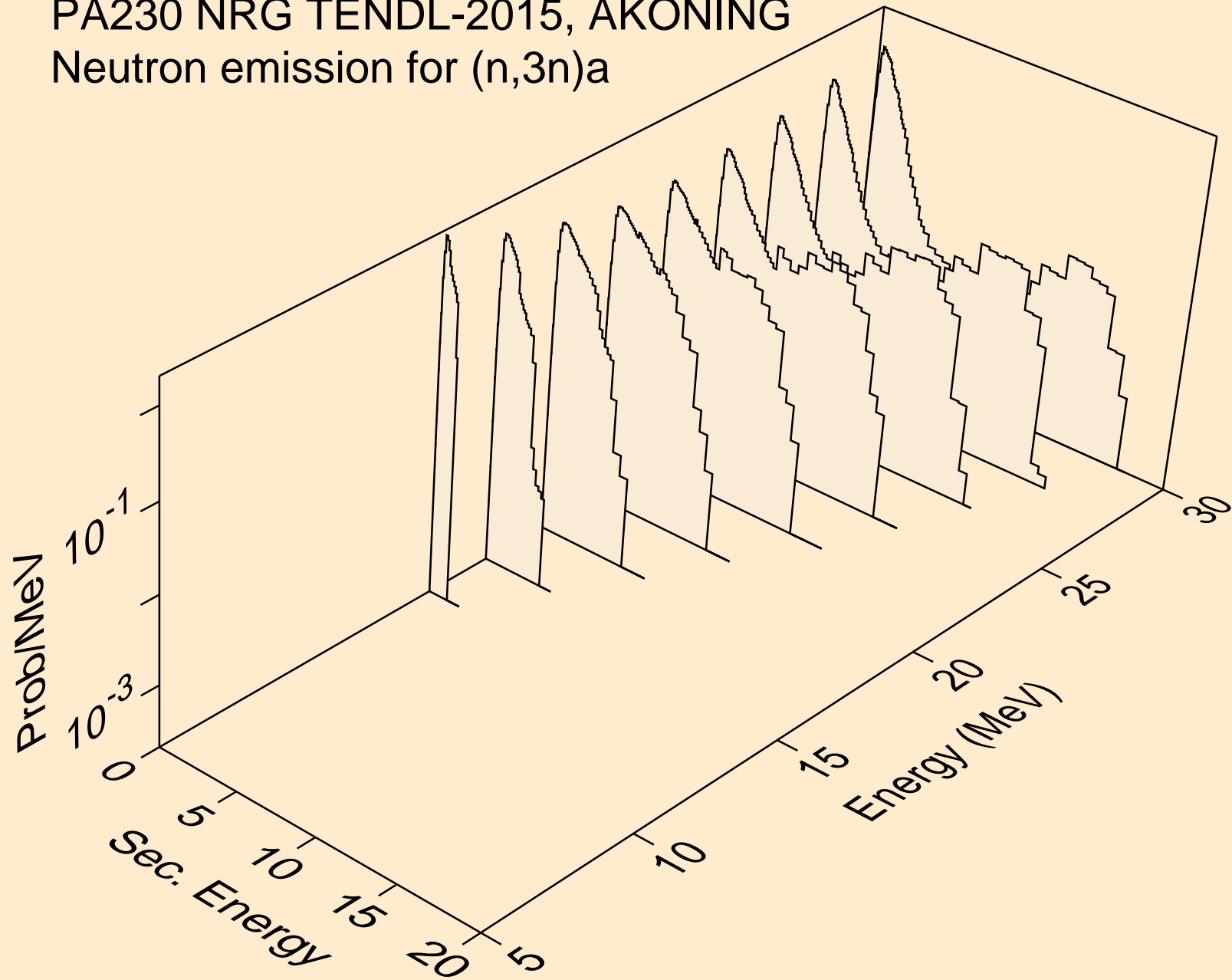
PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



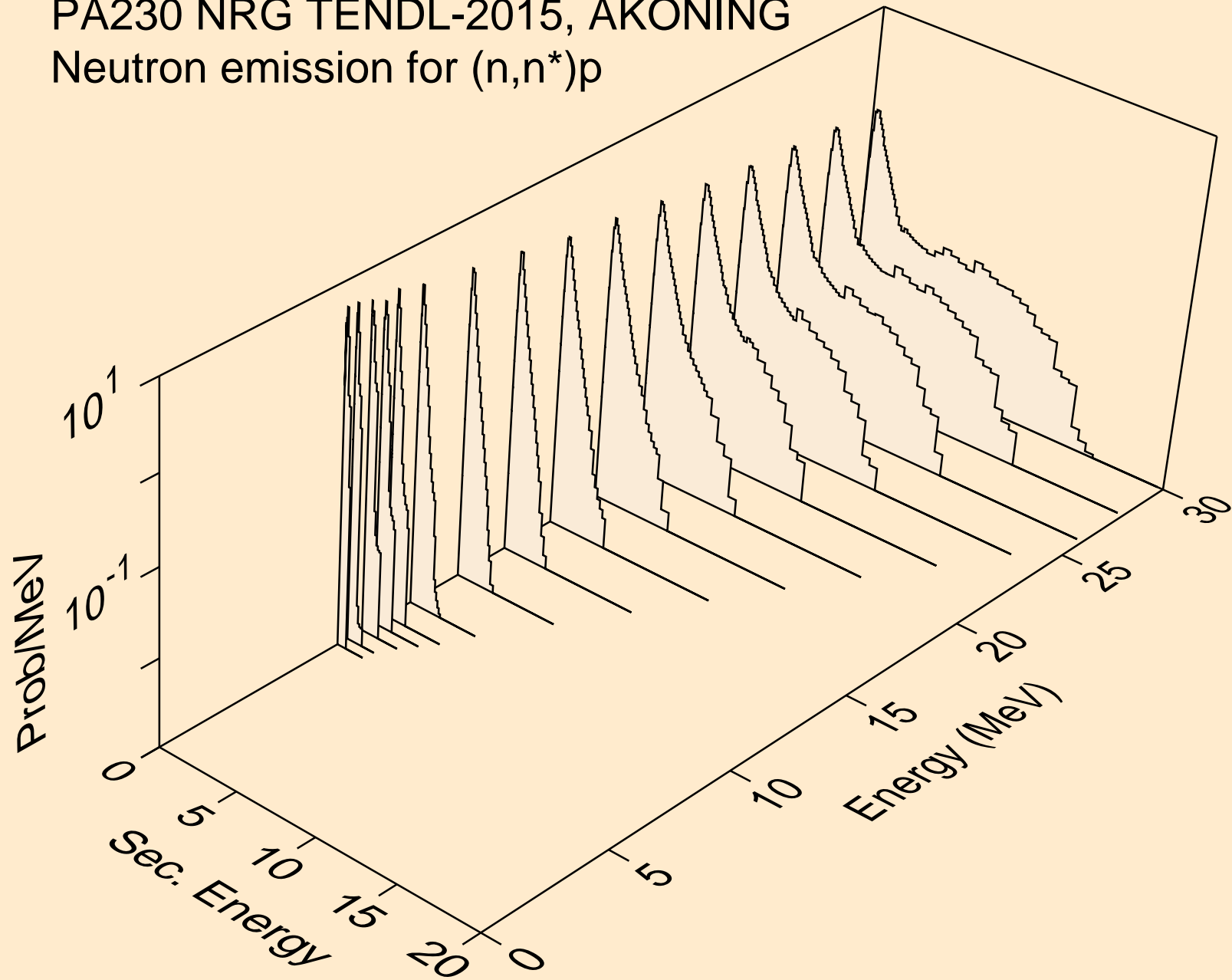
PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



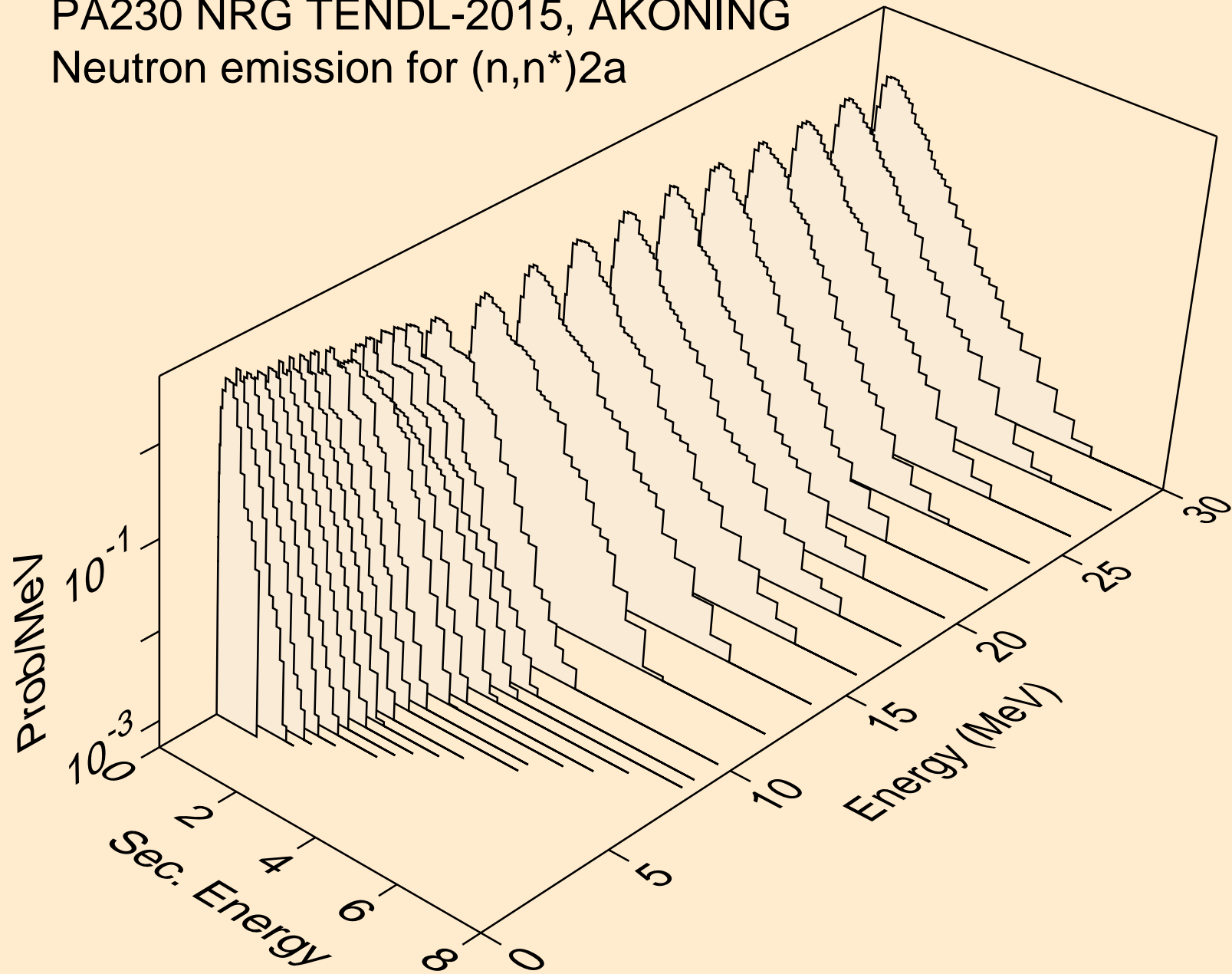
PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

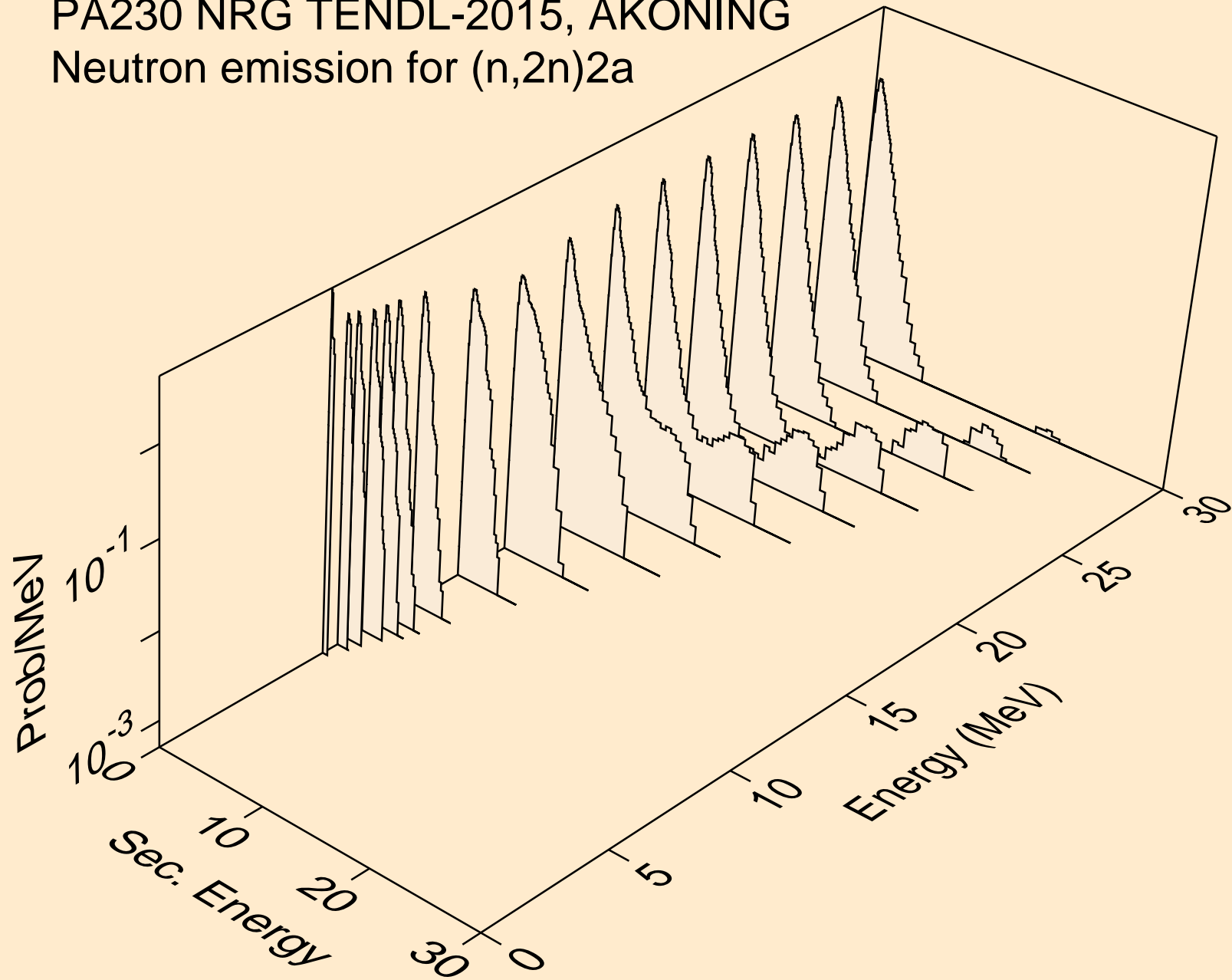


PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

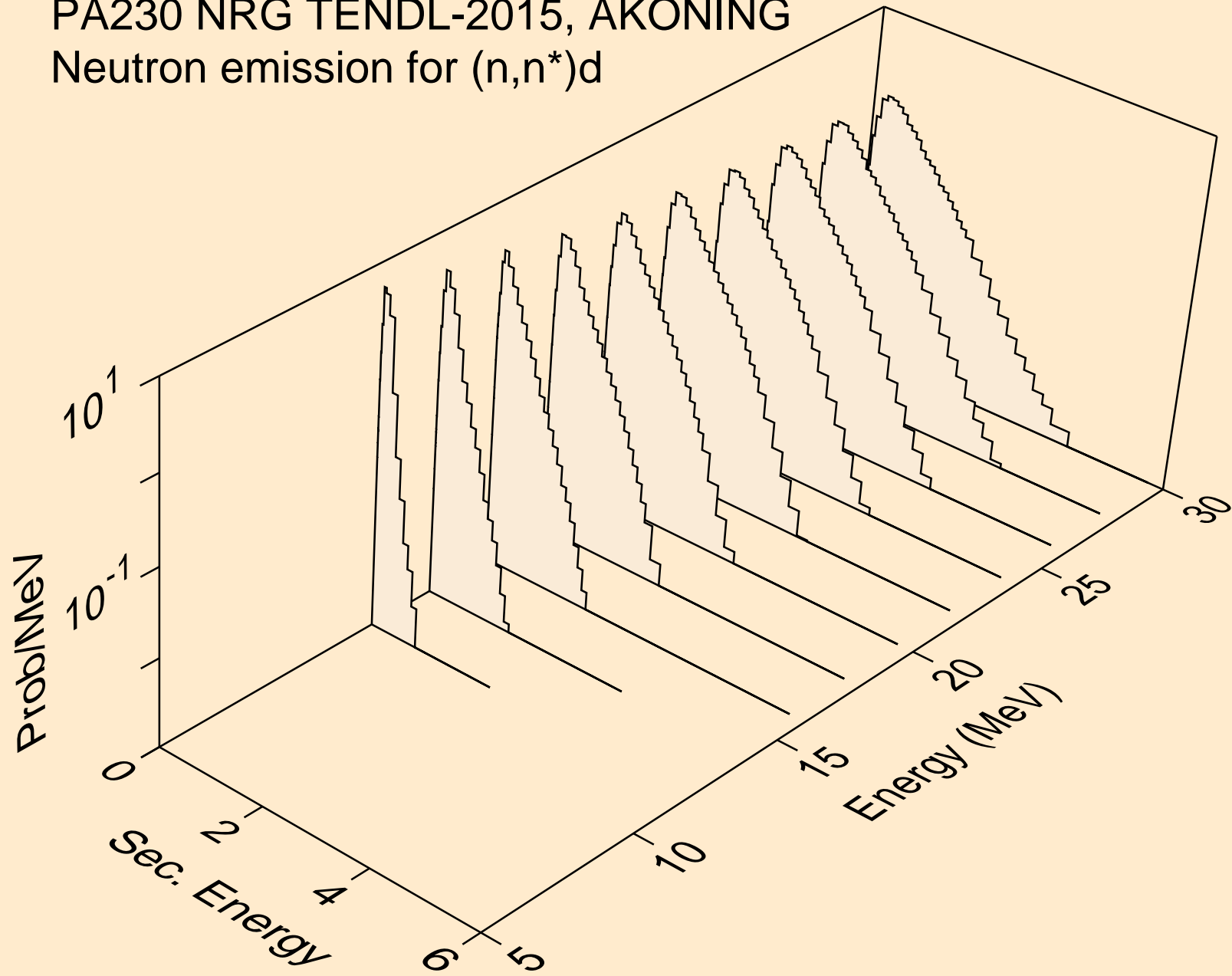




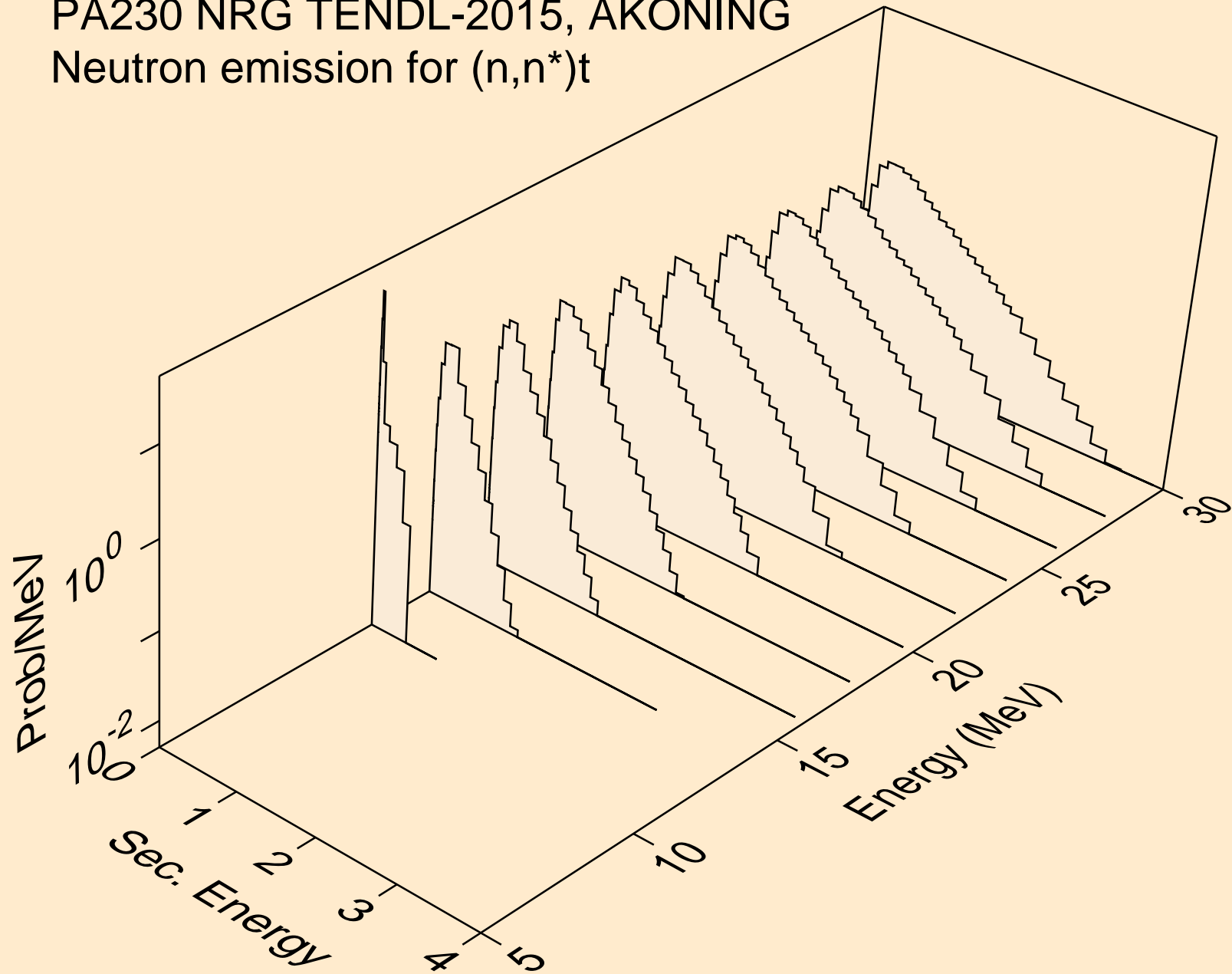
PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



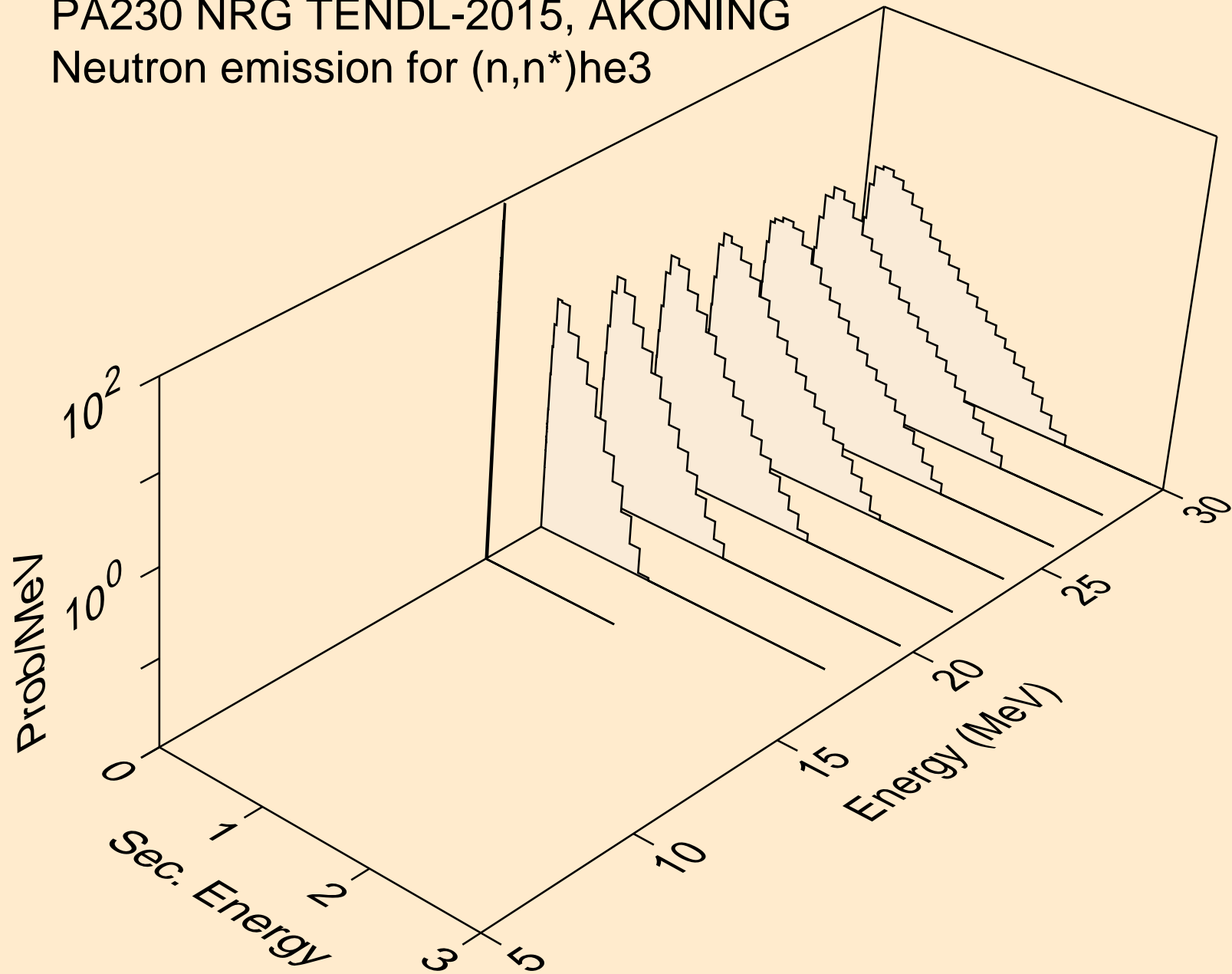
PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



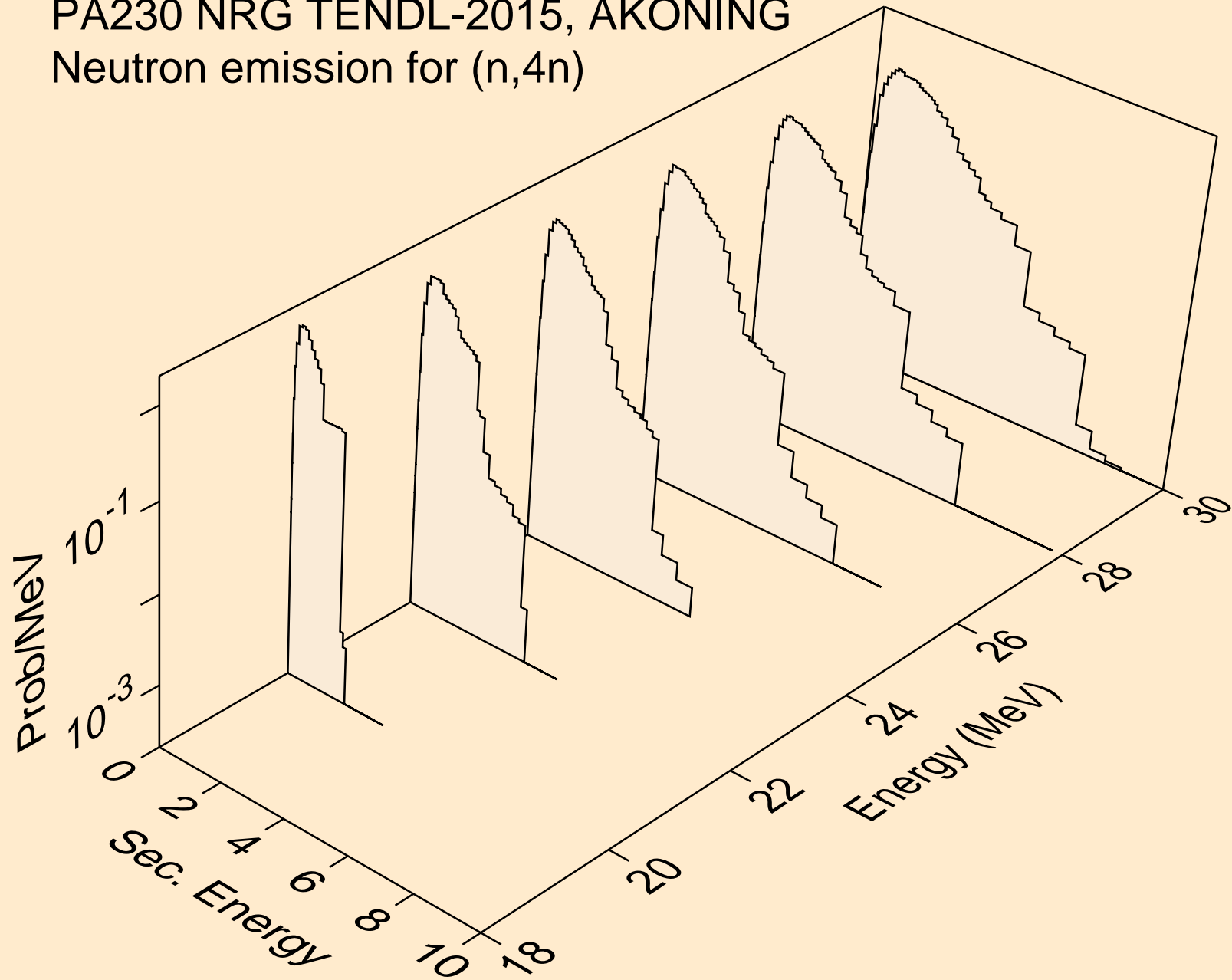
PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



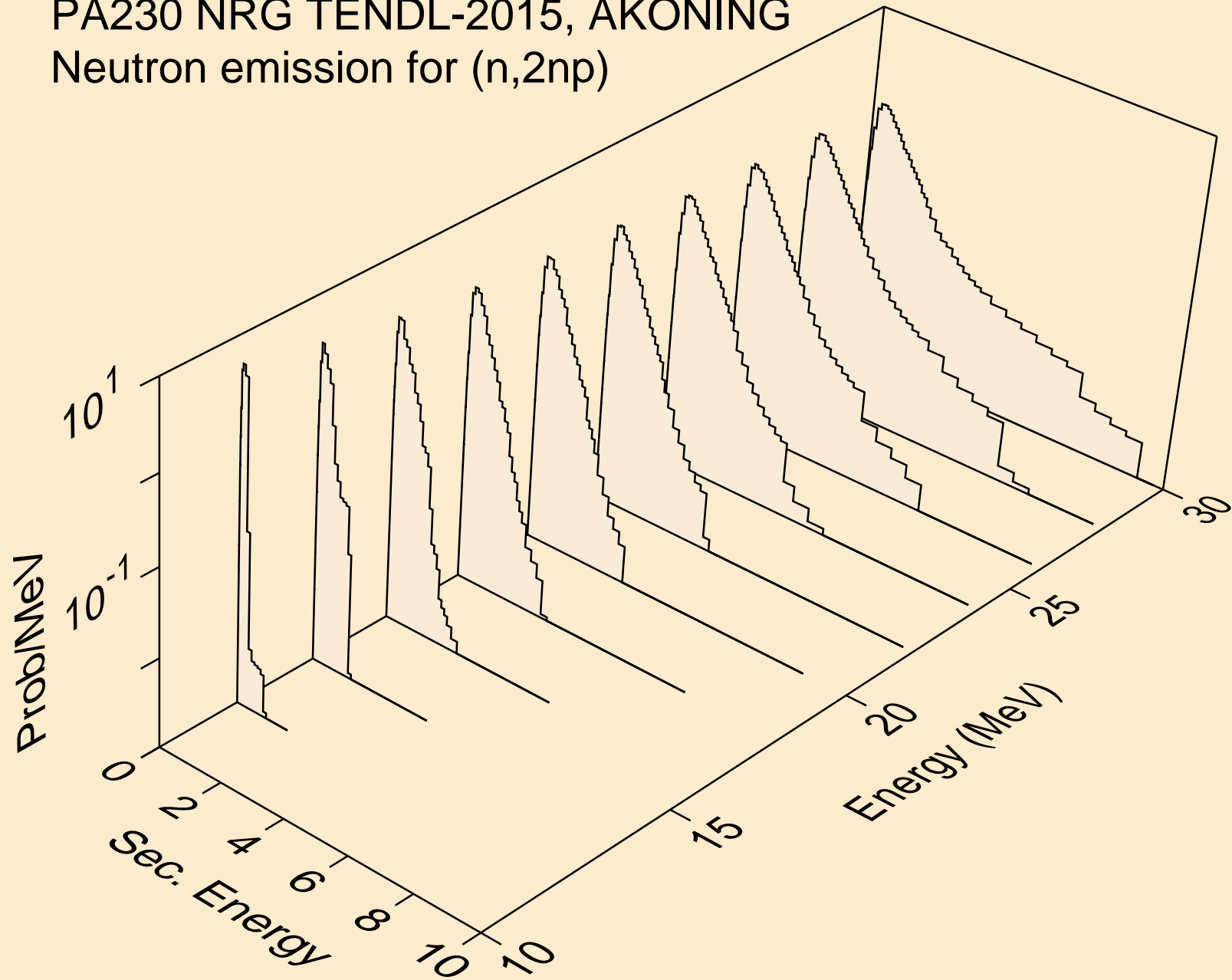
PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



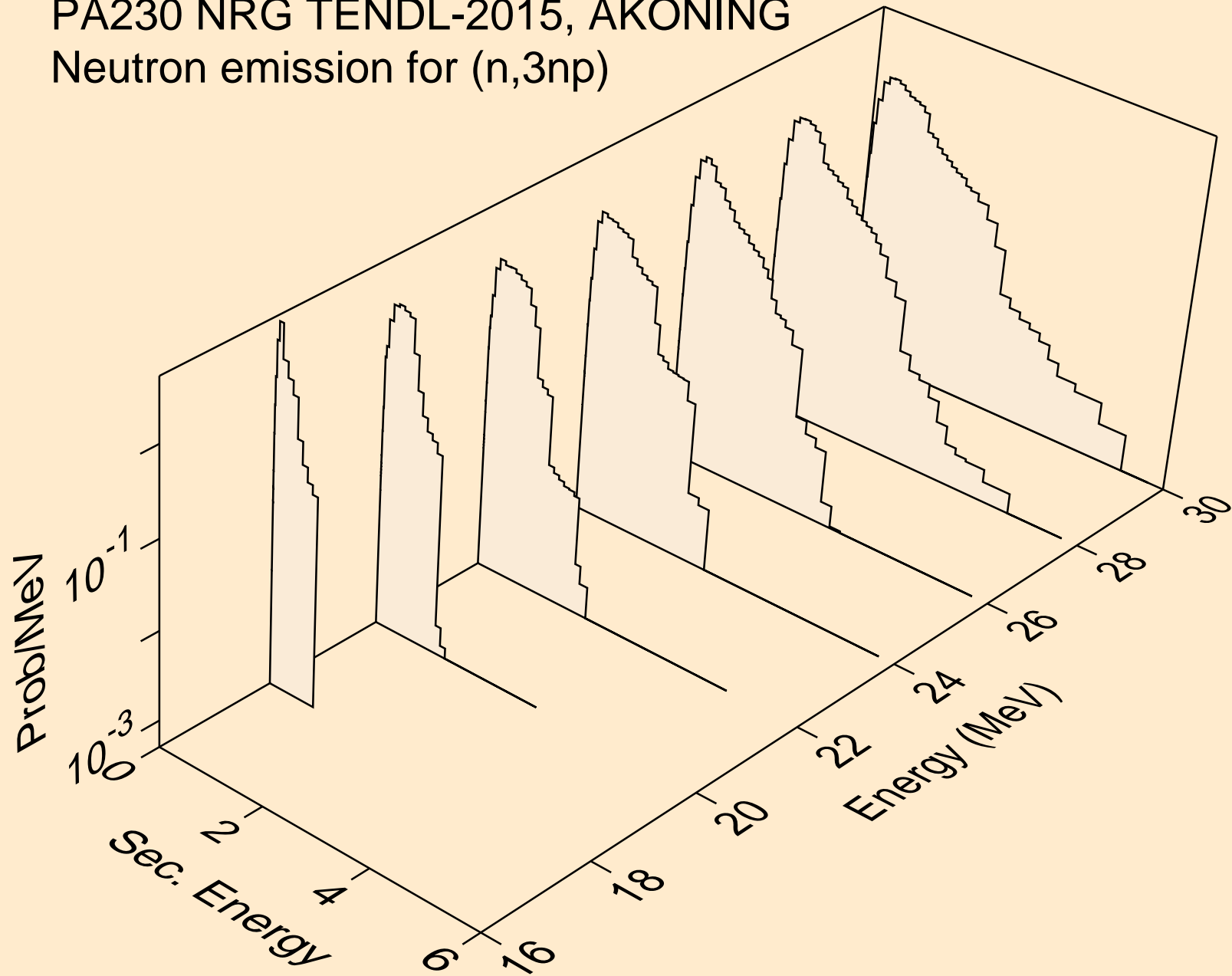
PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



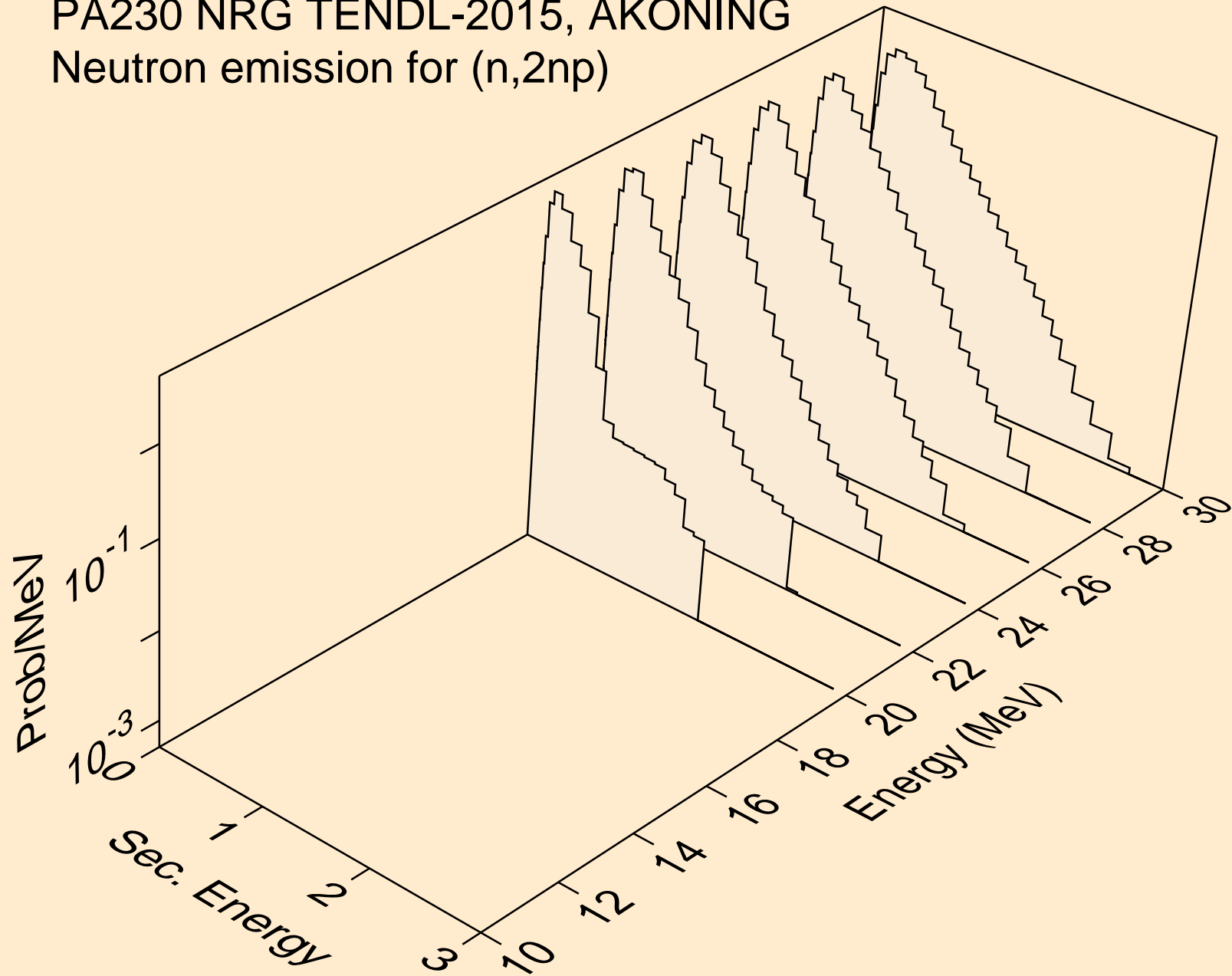
PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

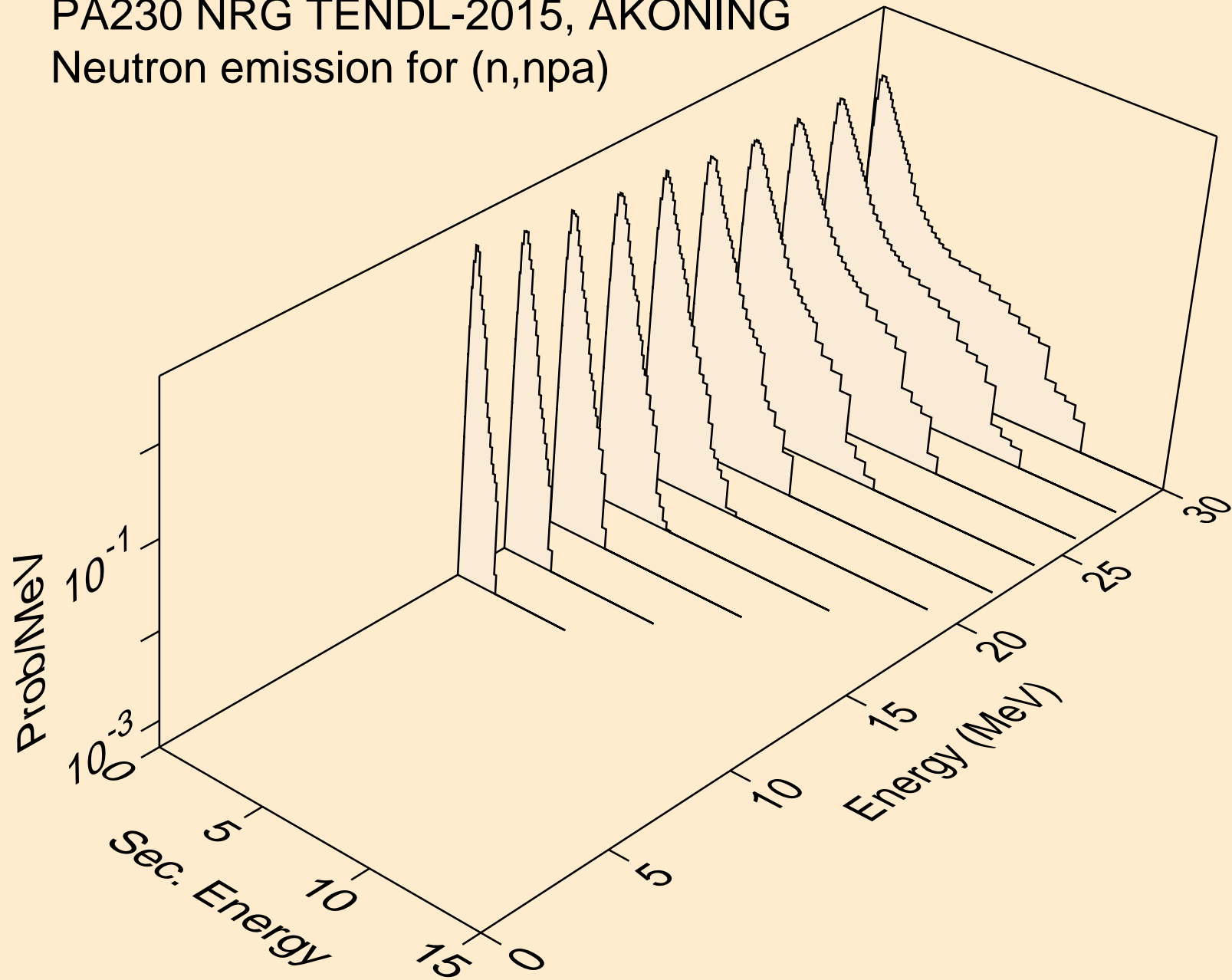


PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

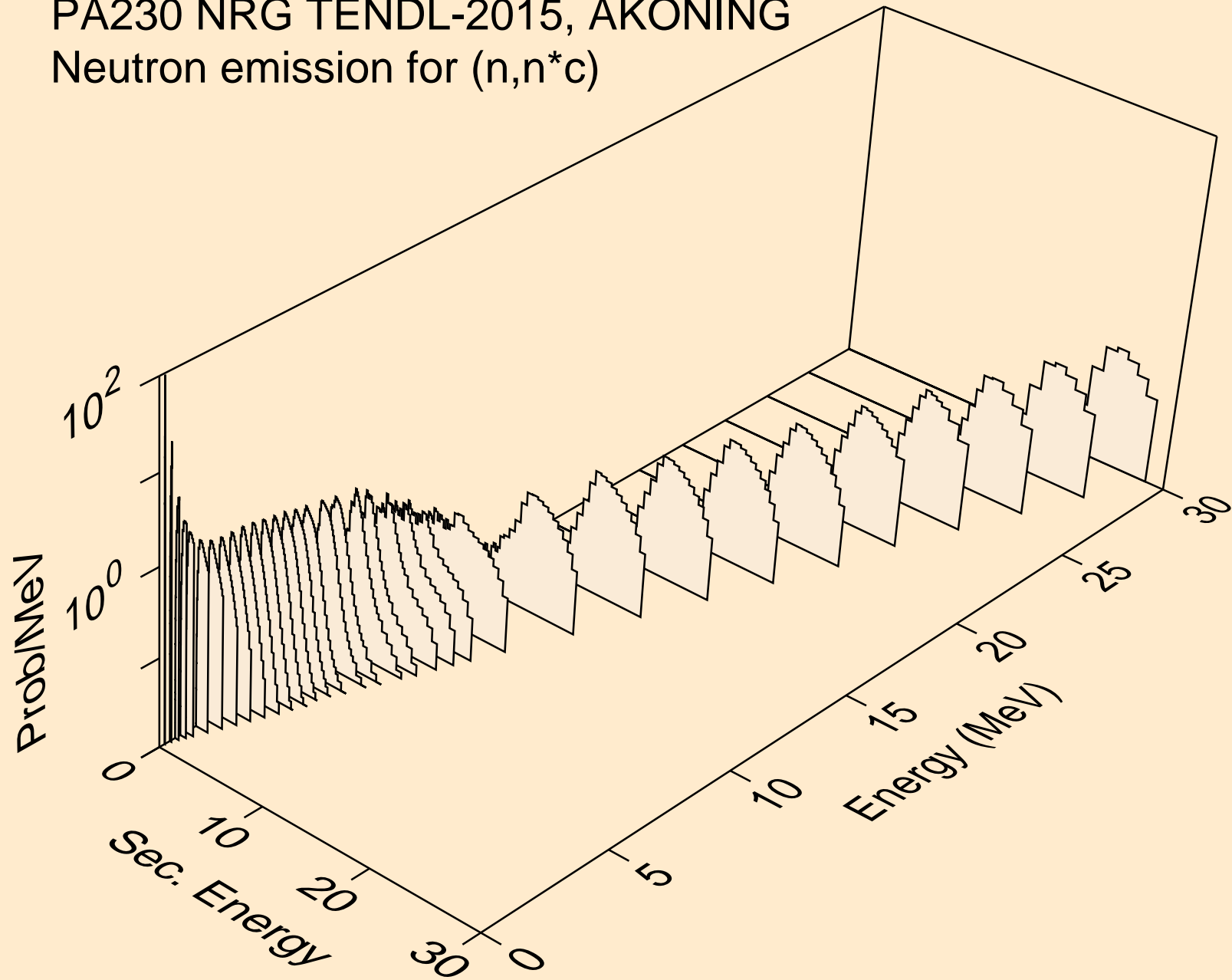




PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

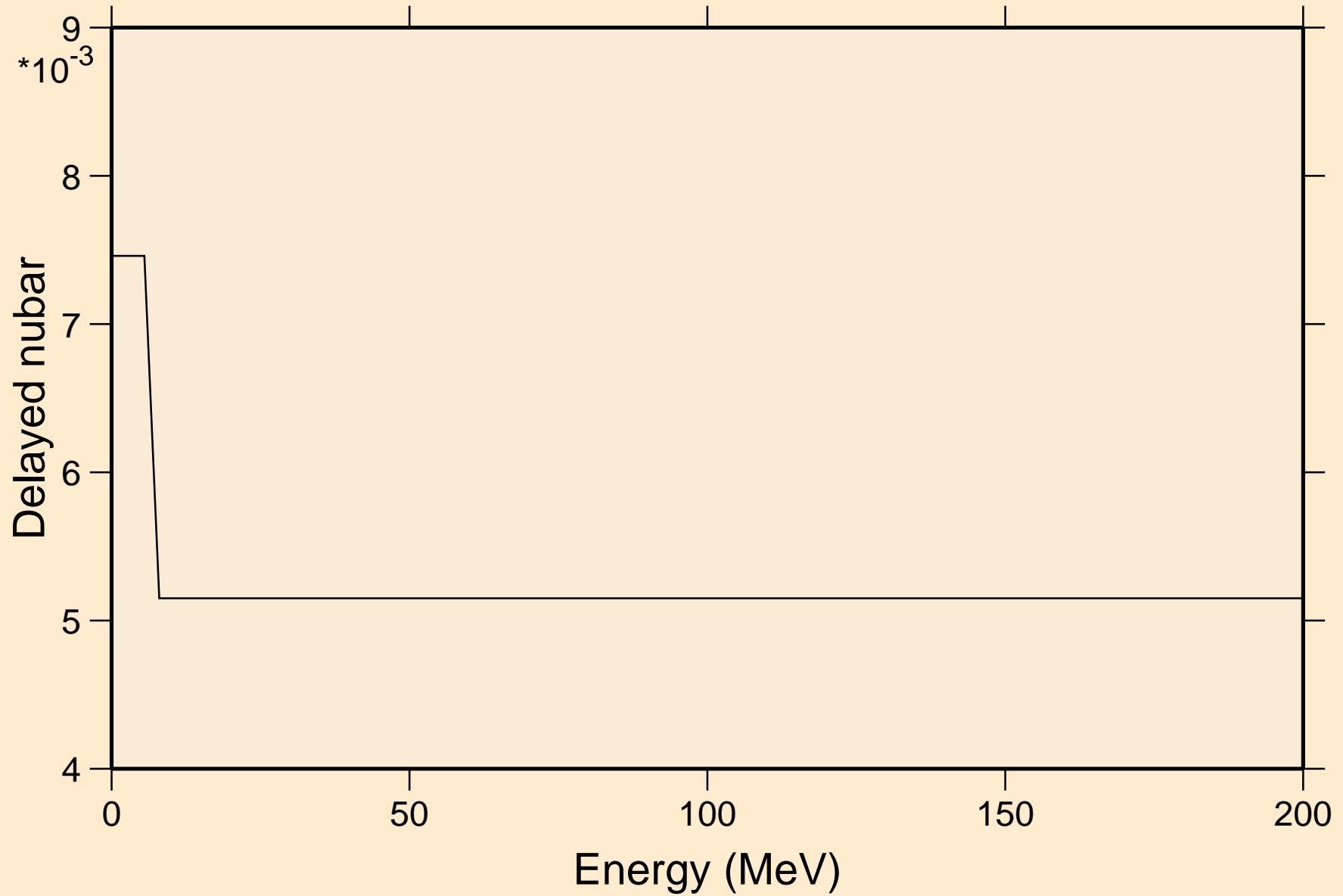


PA230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



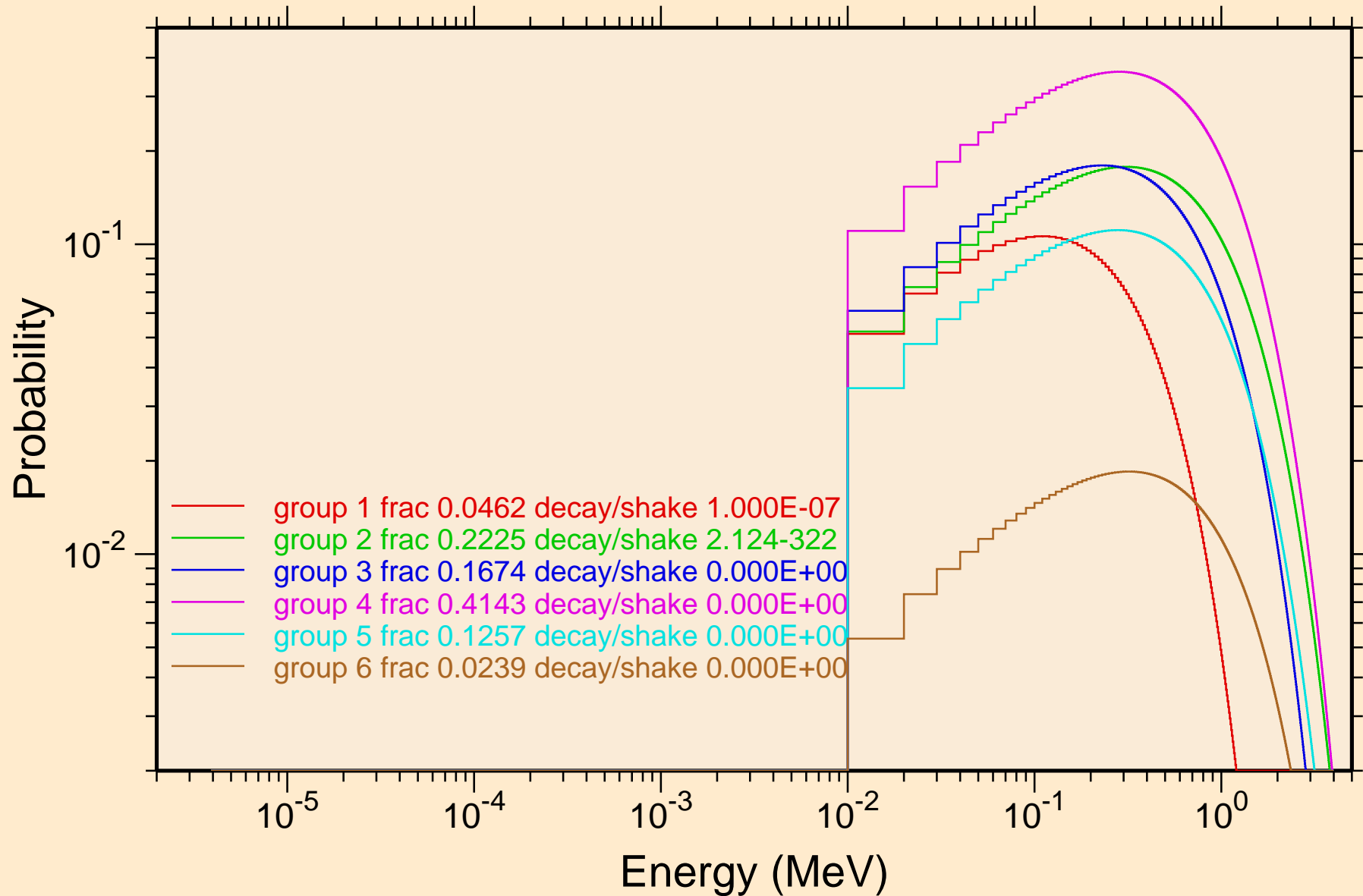
# PA230 NRG TENDL-2015, AKONING

Delayed nubar

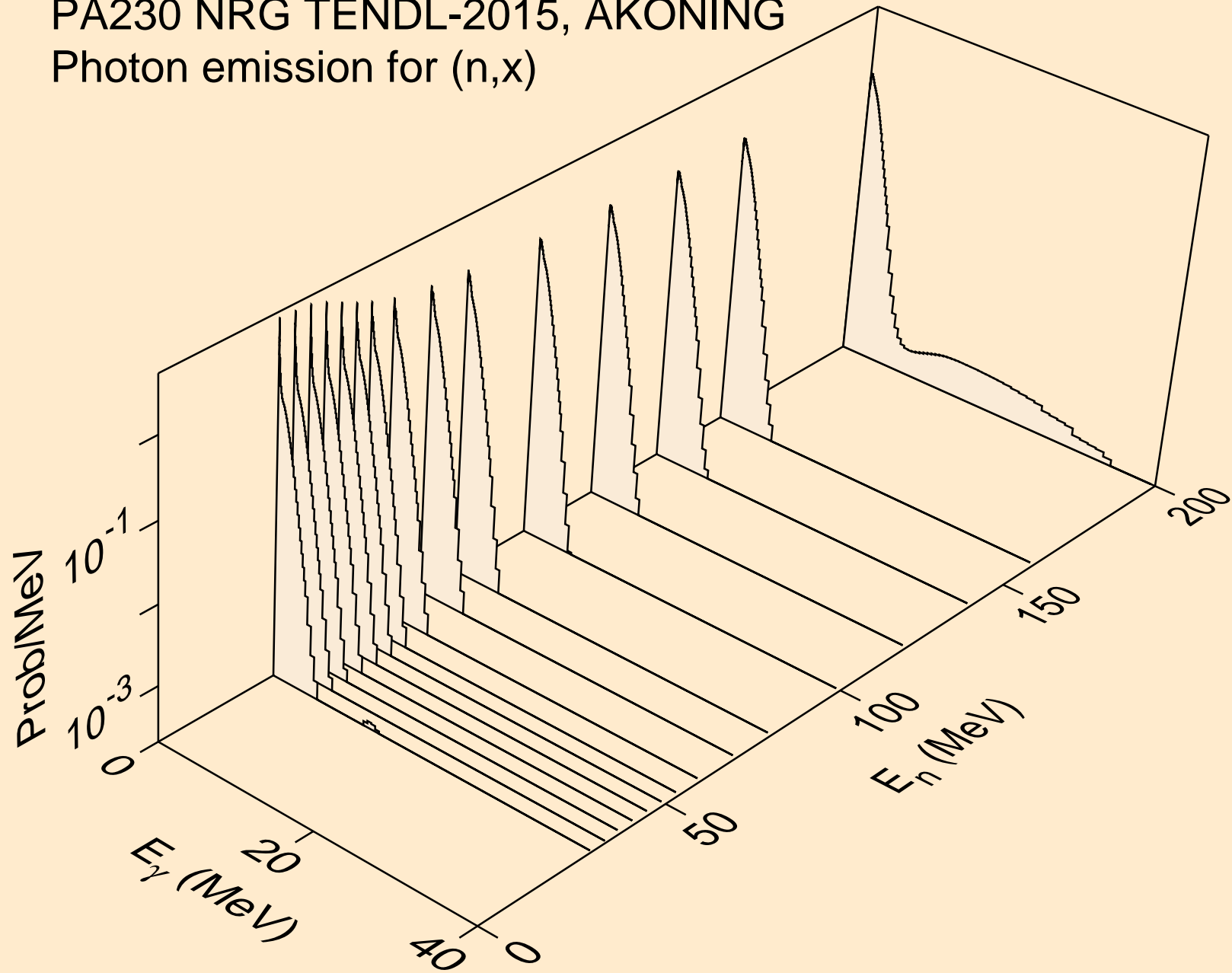


# PA230 NRG TENDL-2015, AKONING

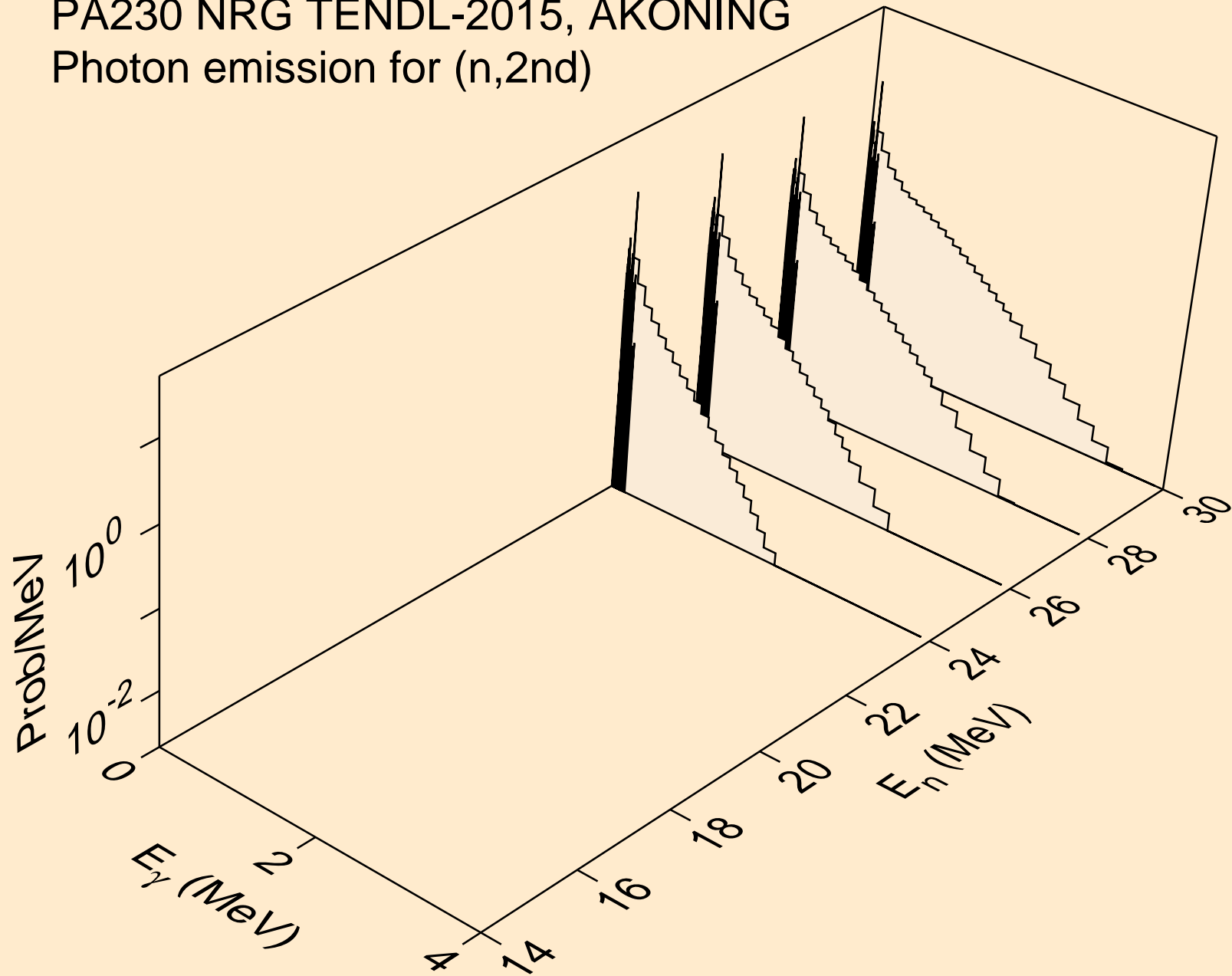
## Delayed neutron spectra



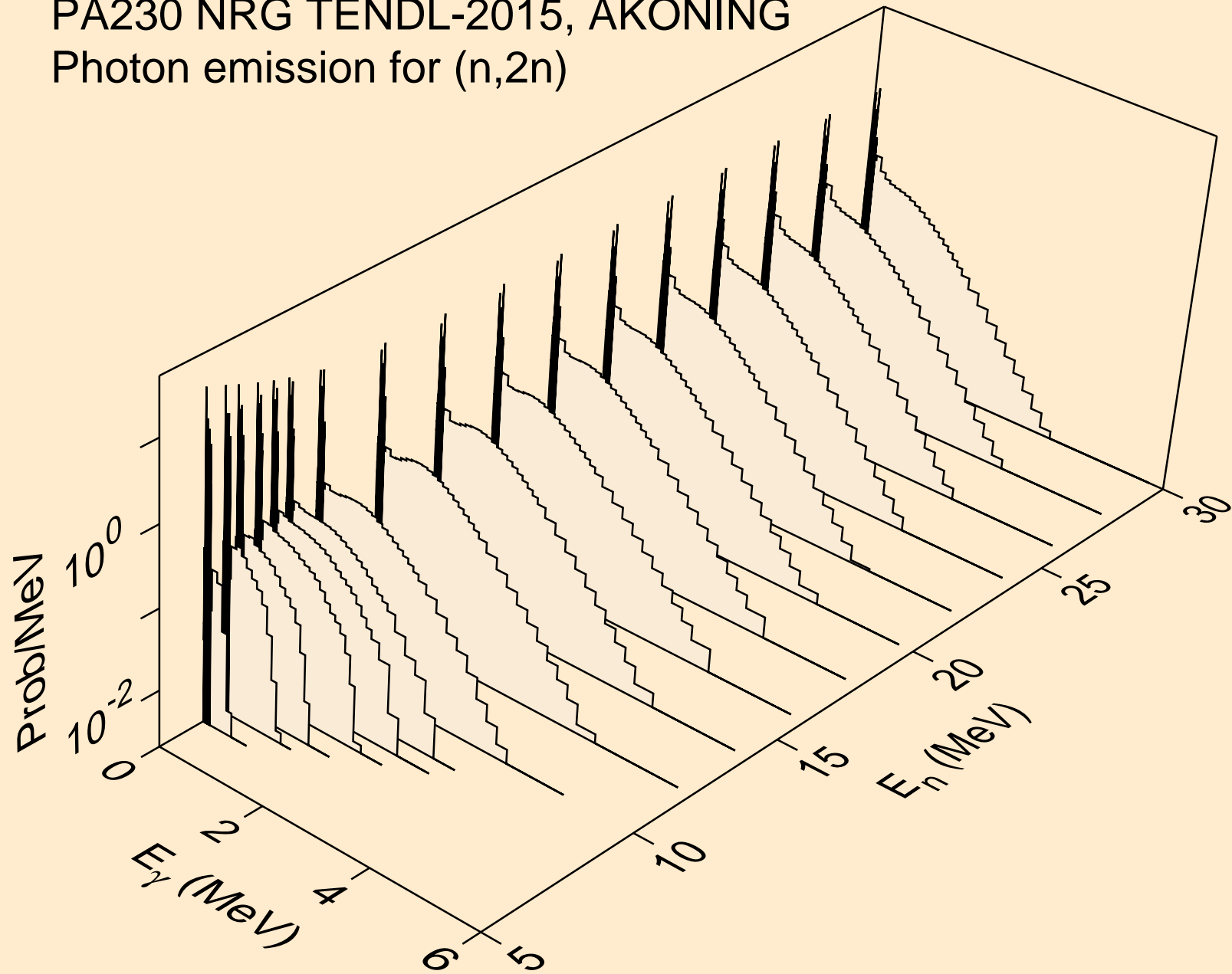
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



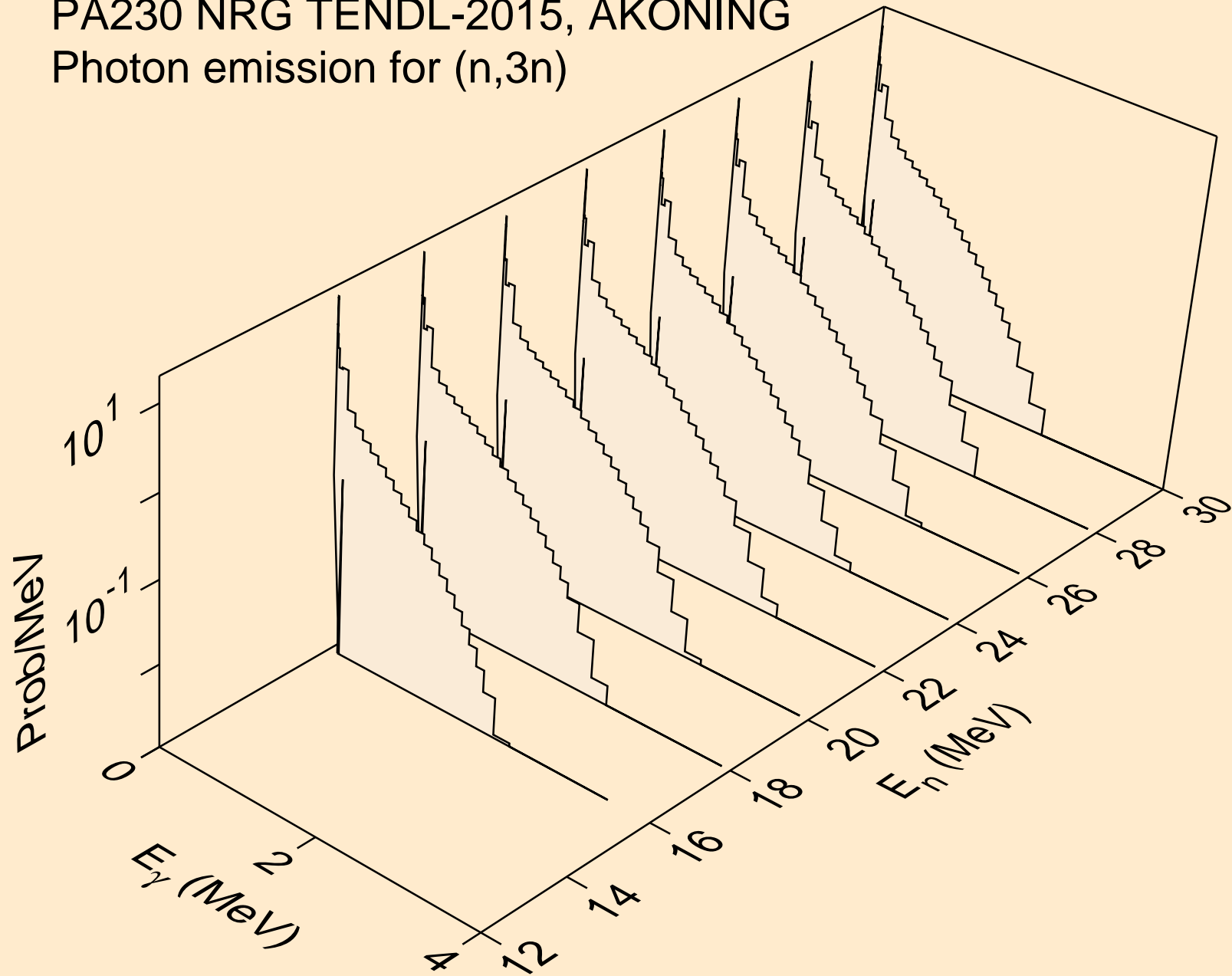
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

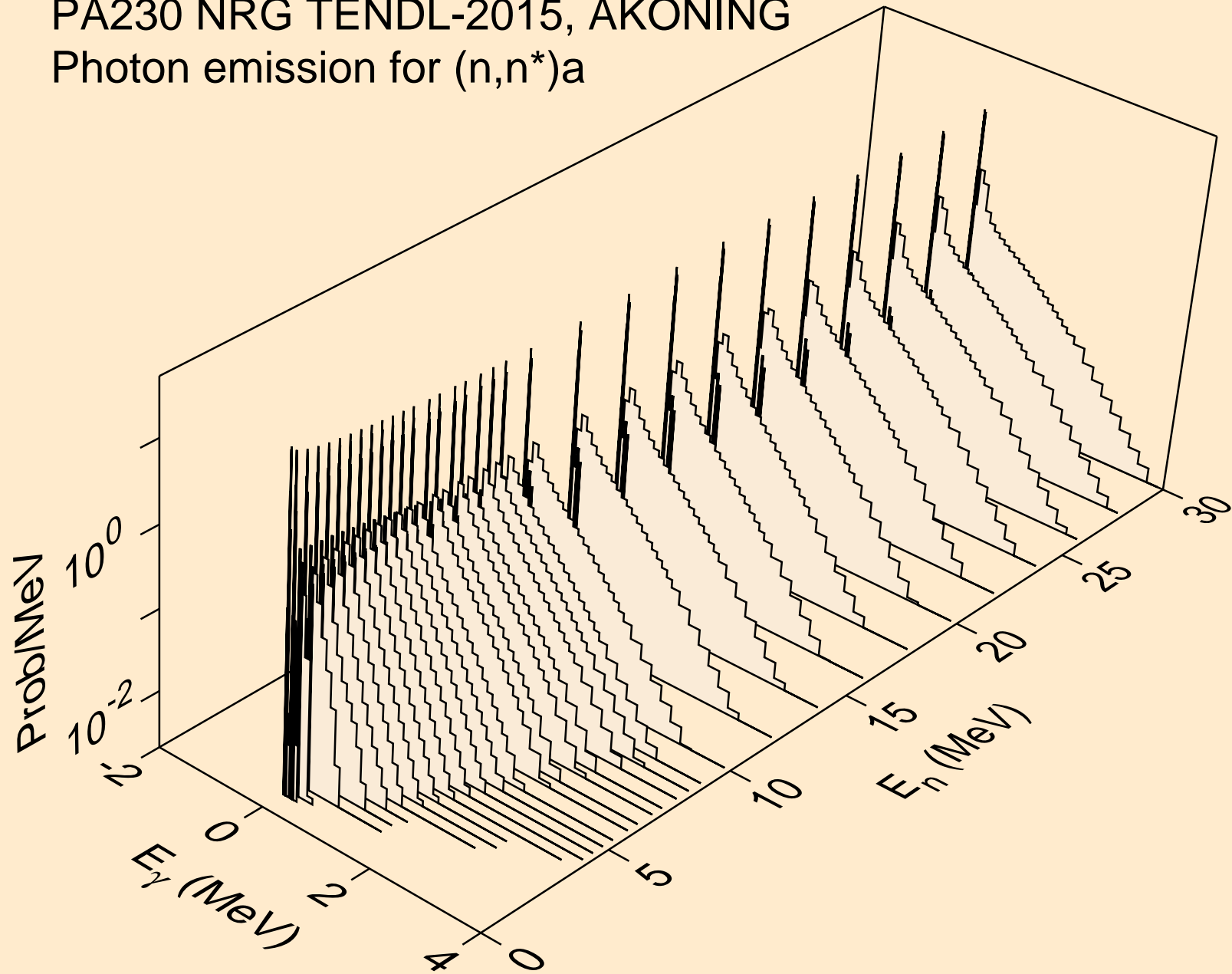


PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

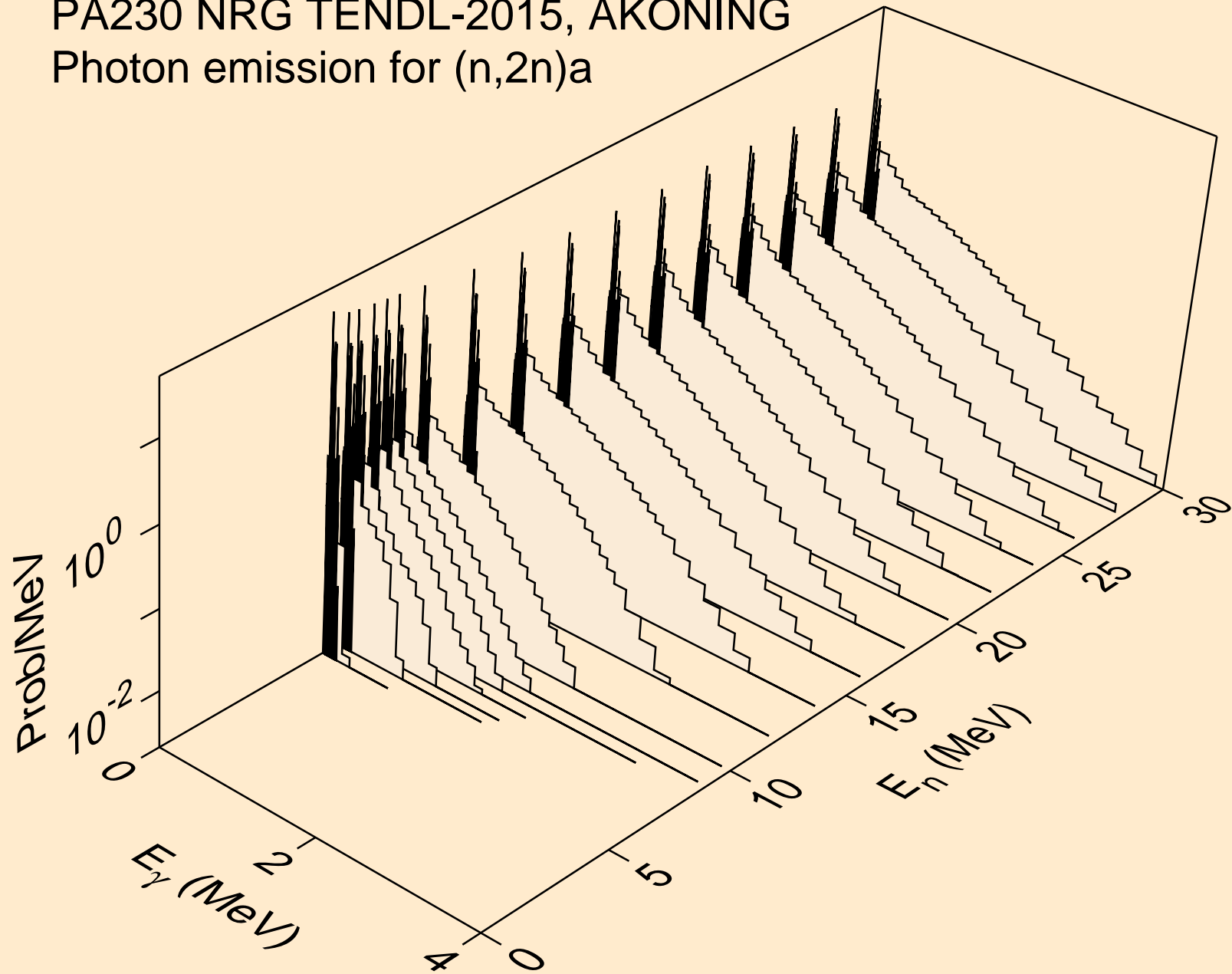




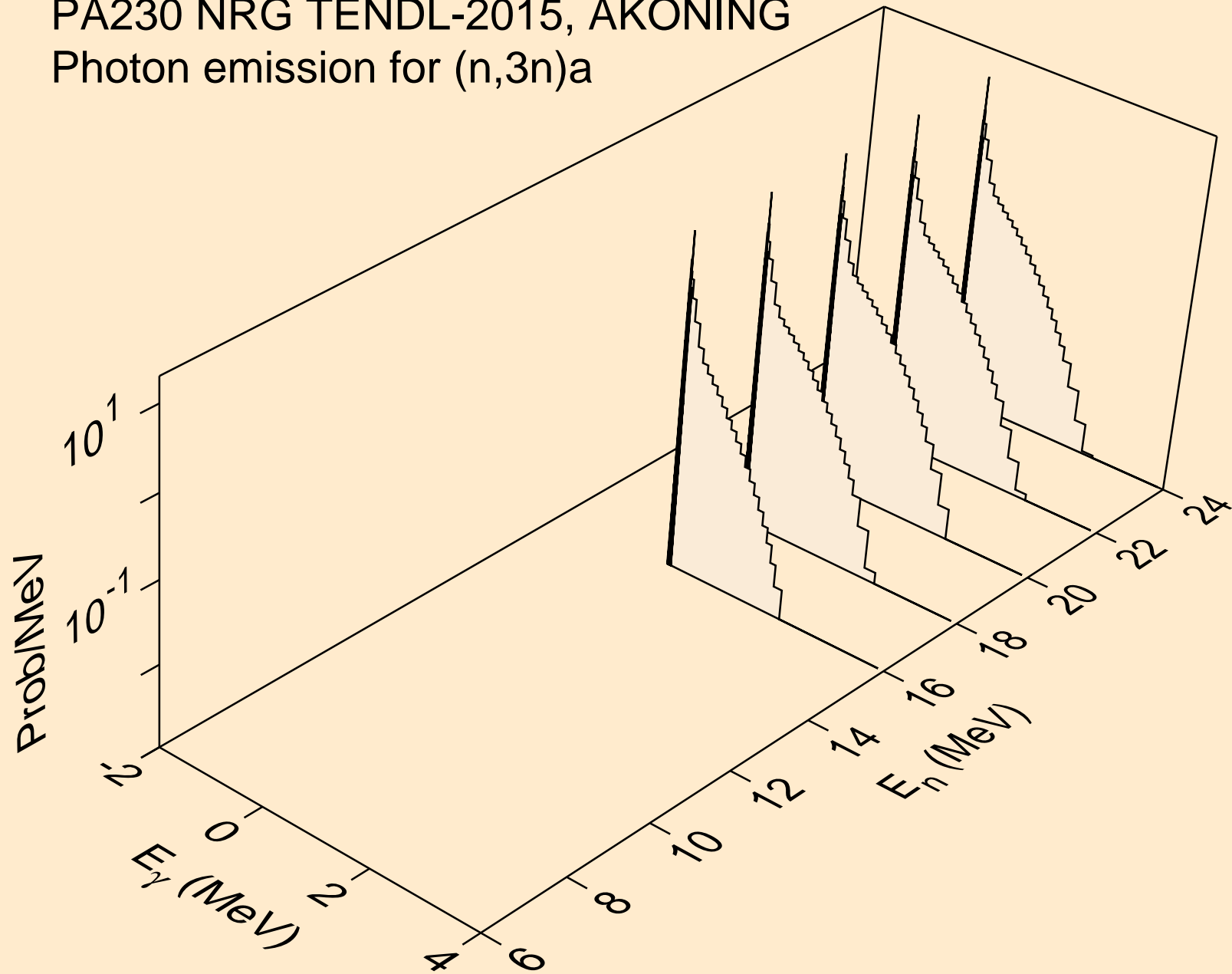
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



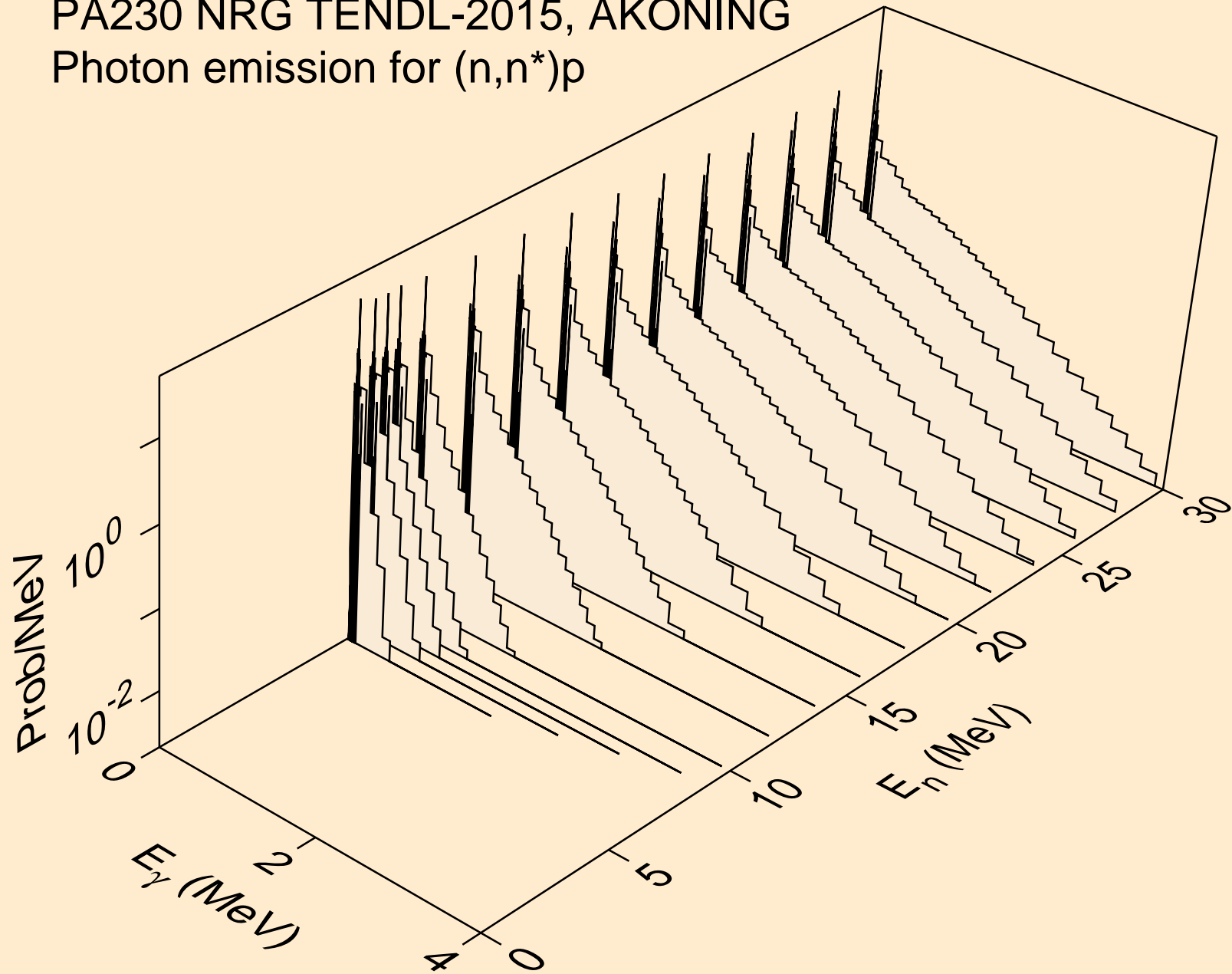
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



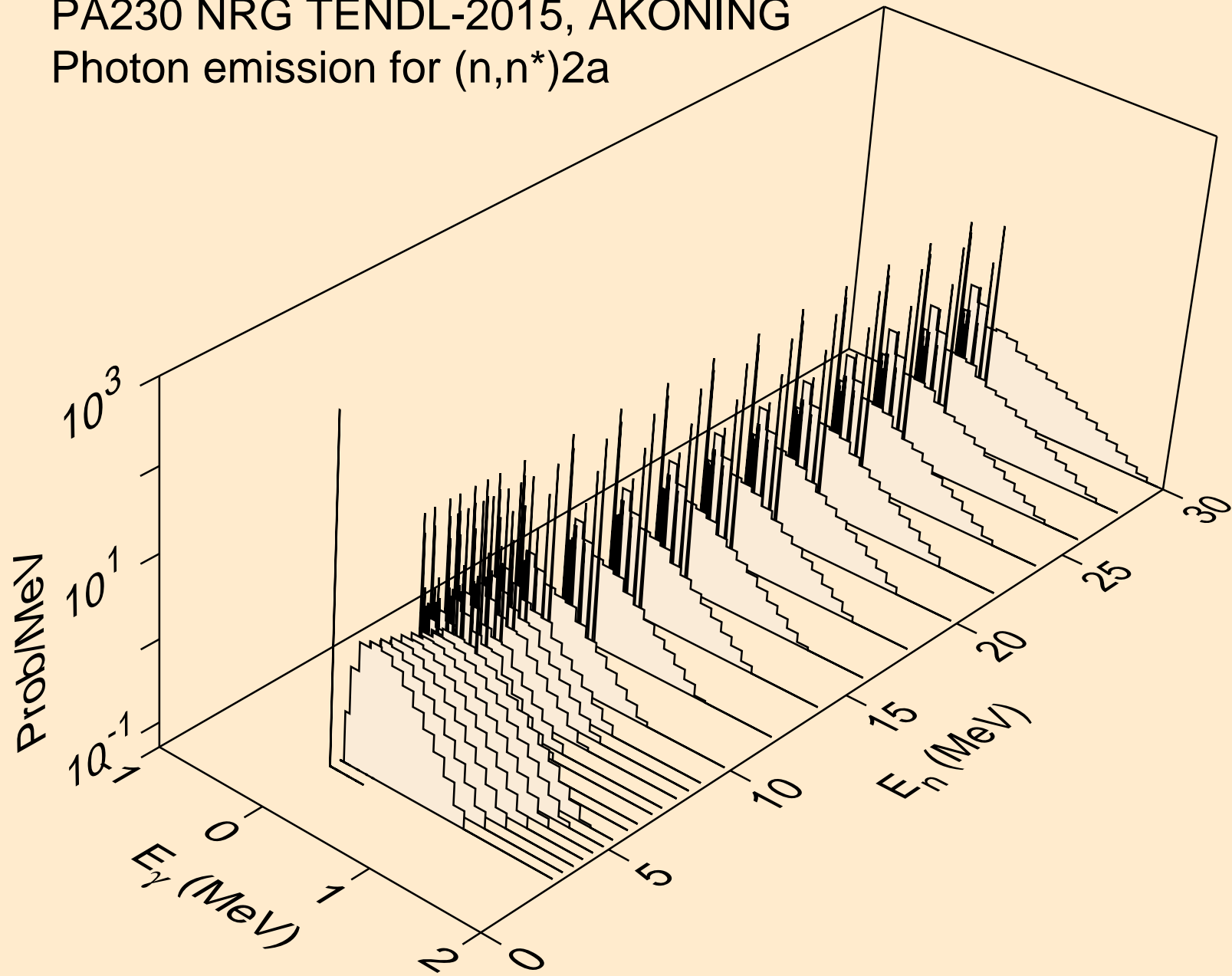
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



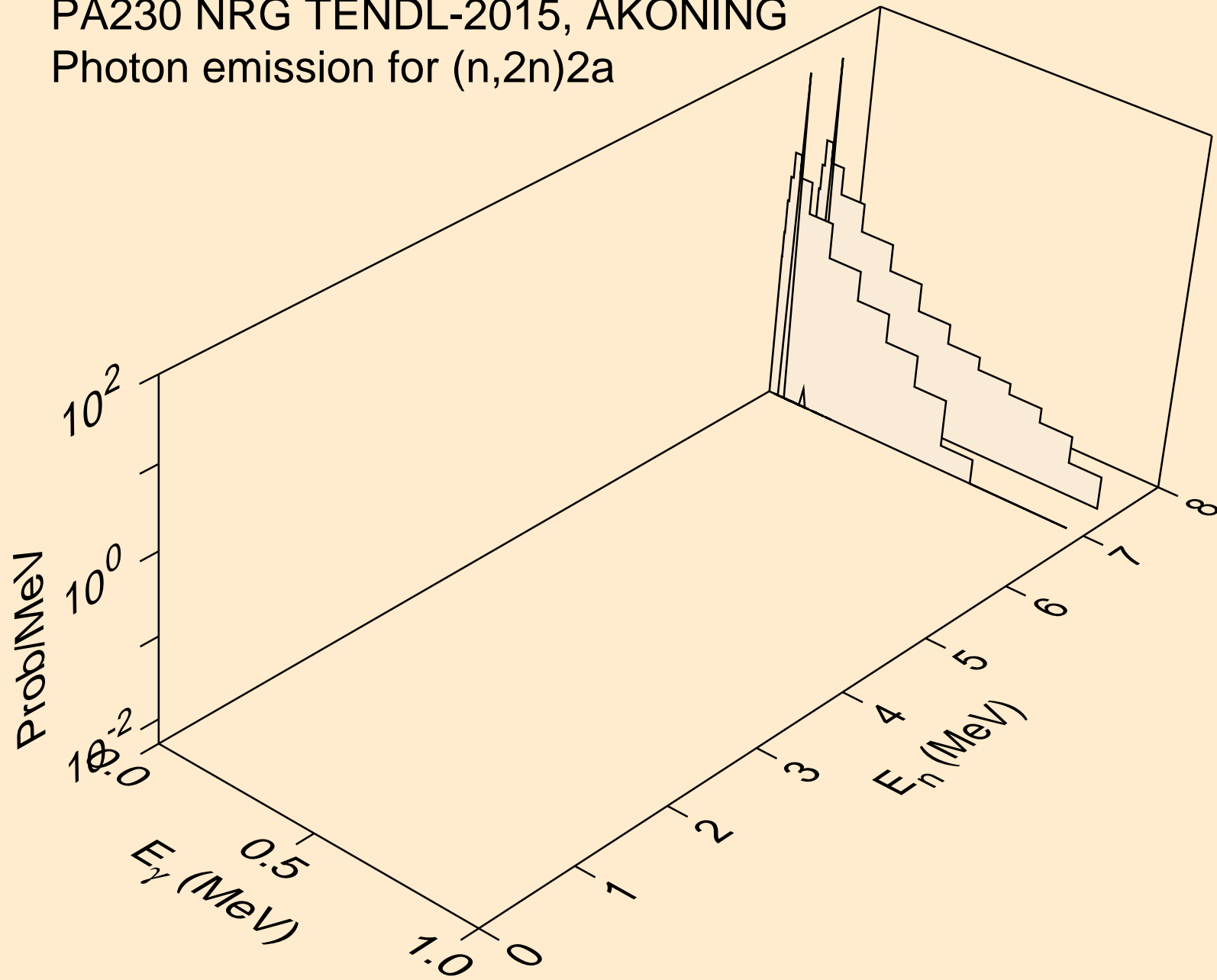
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



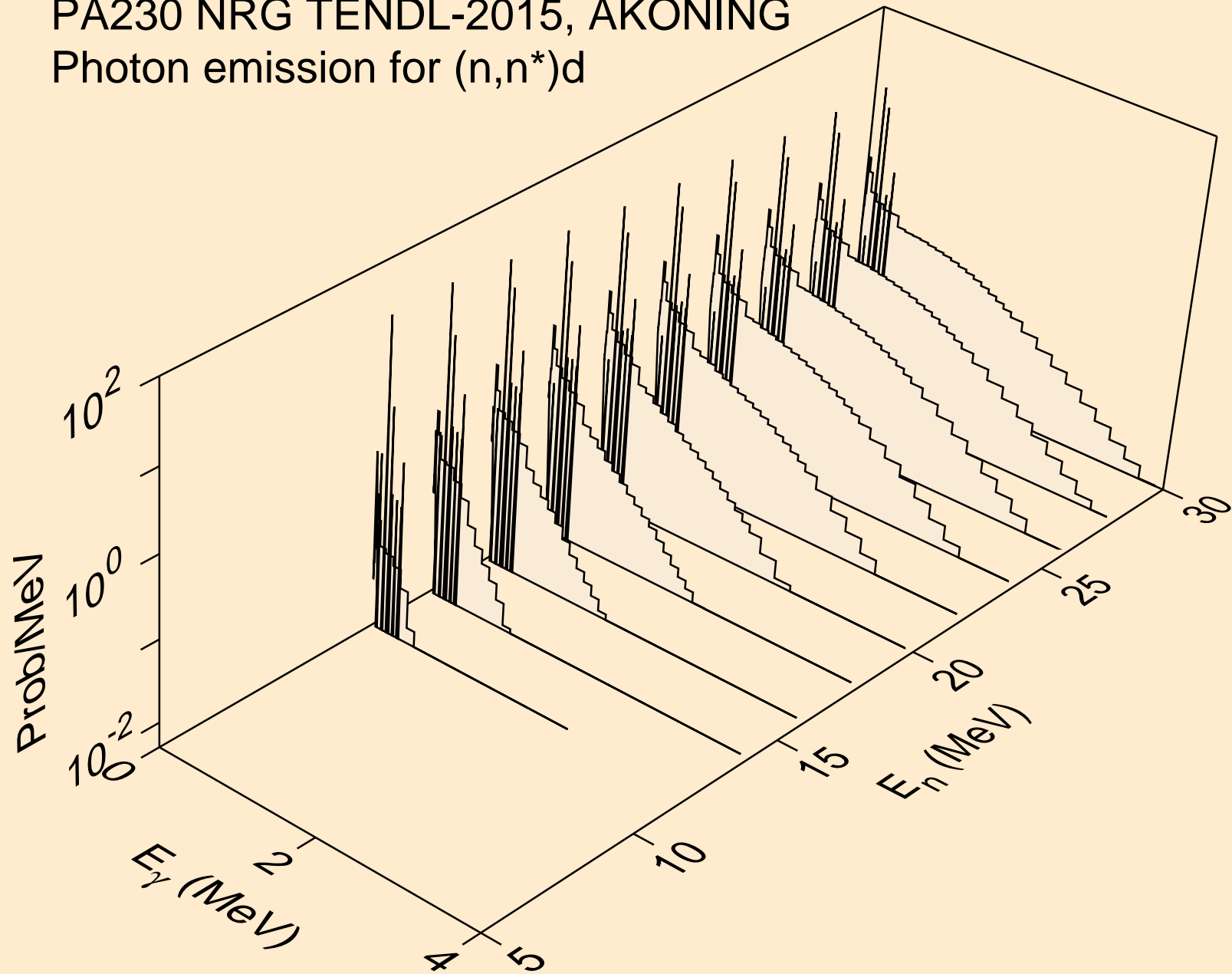
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



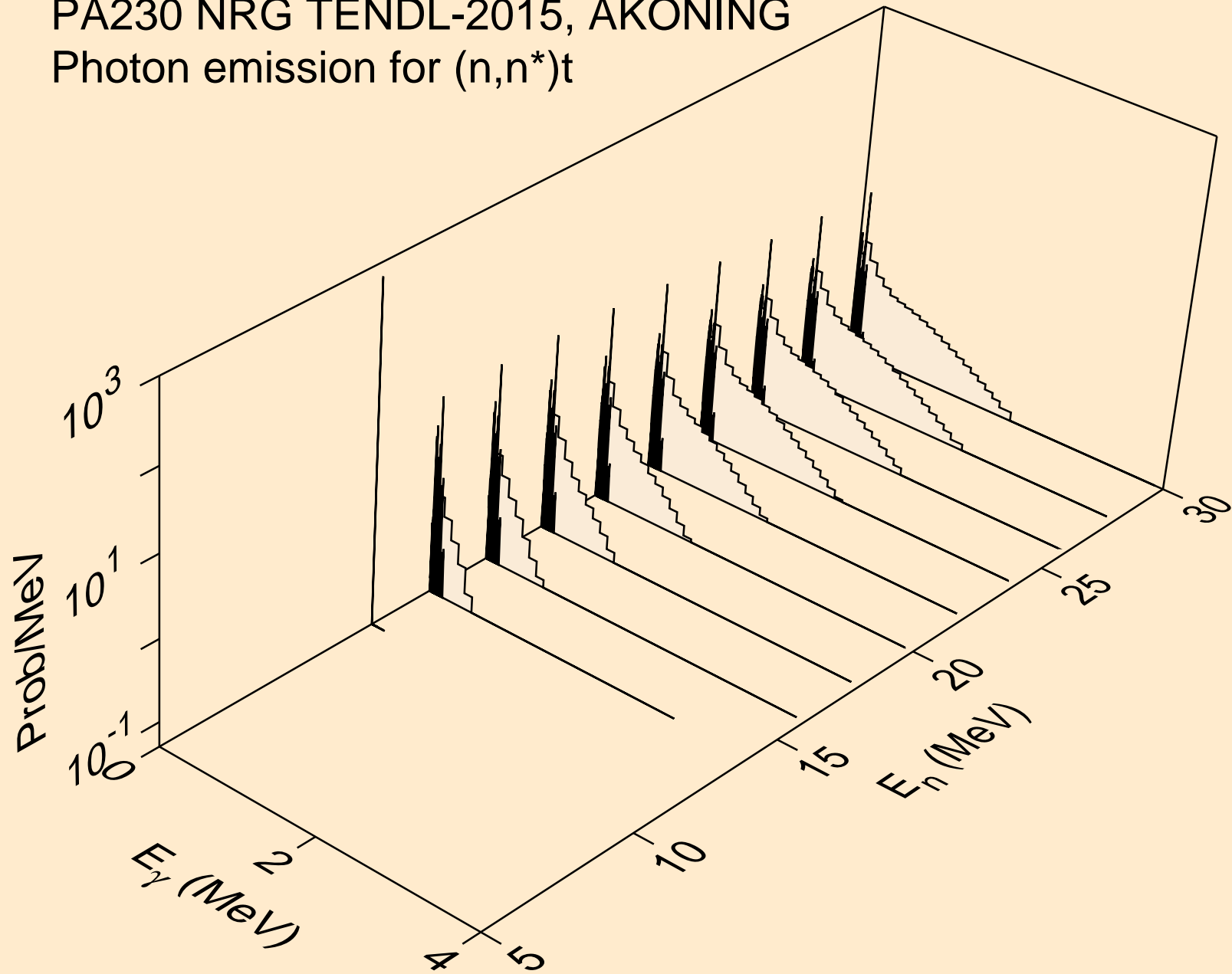
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

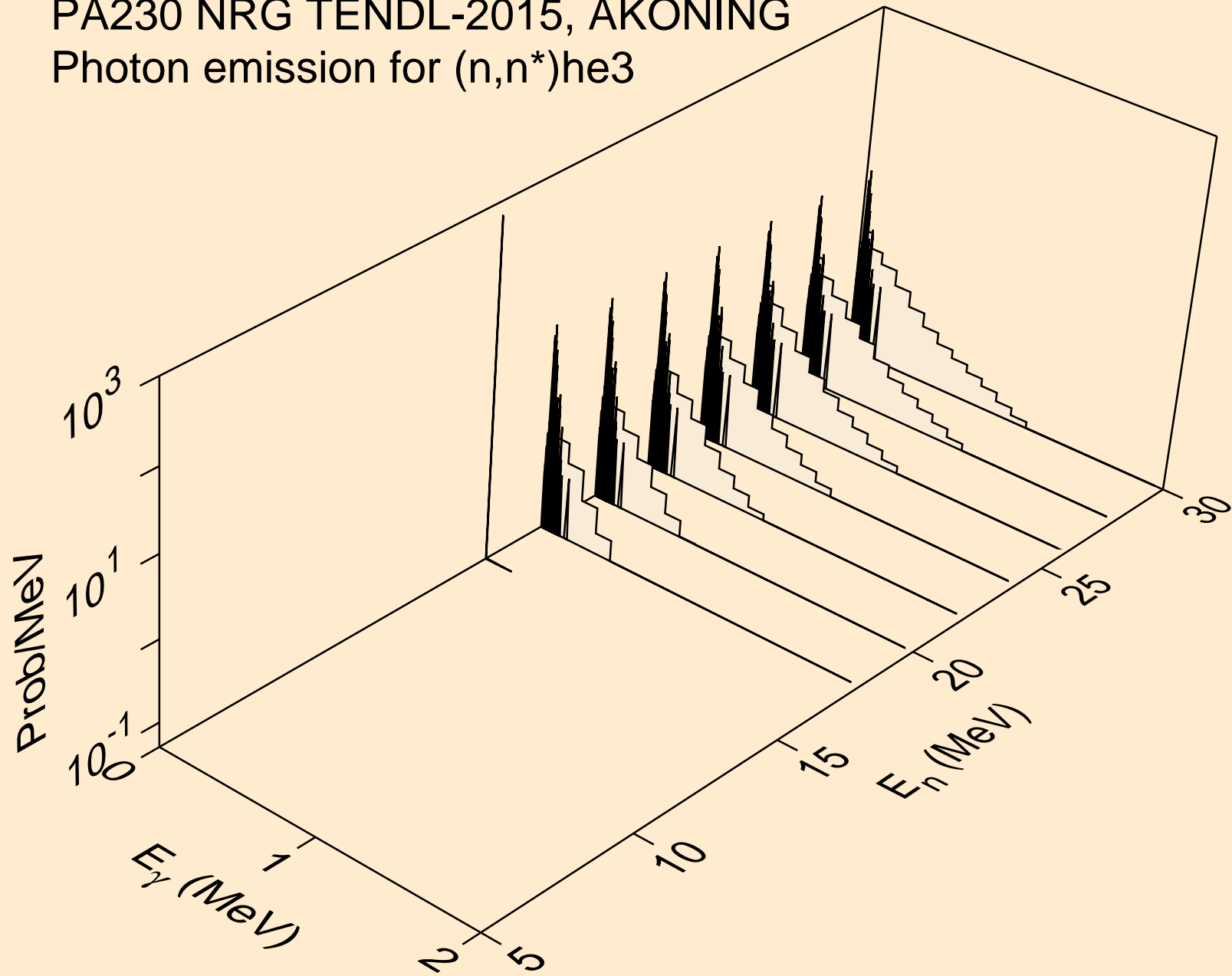


PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

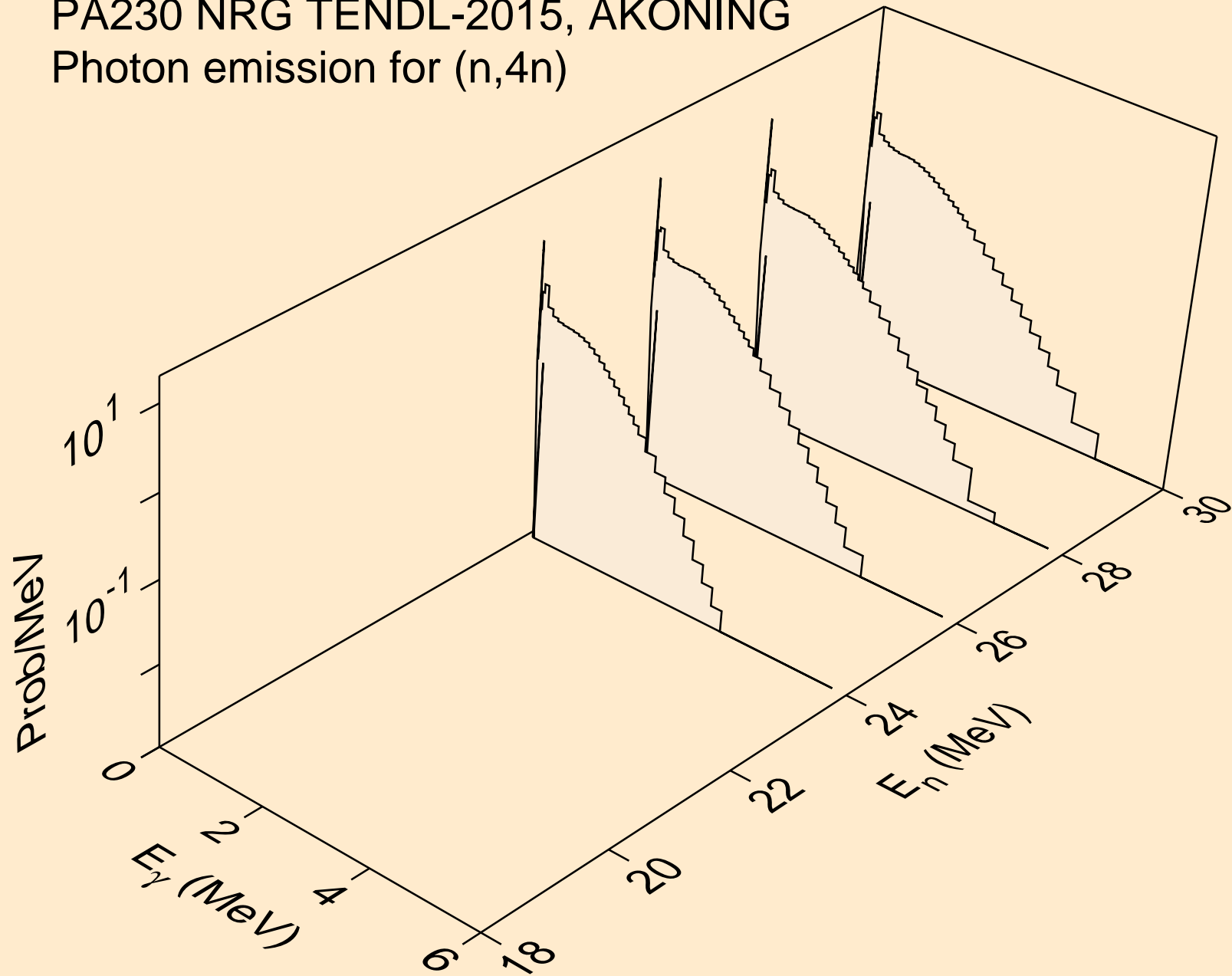




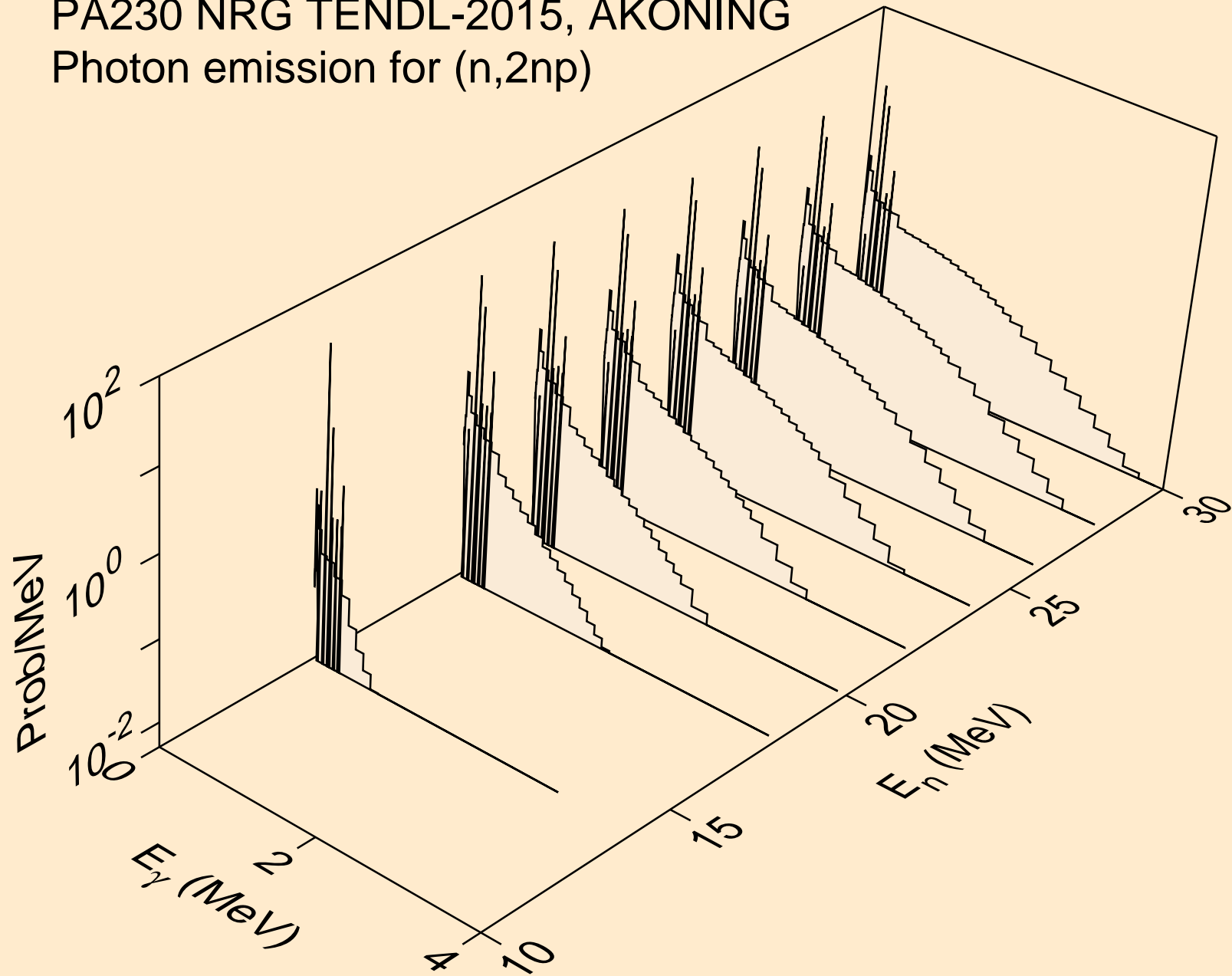
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



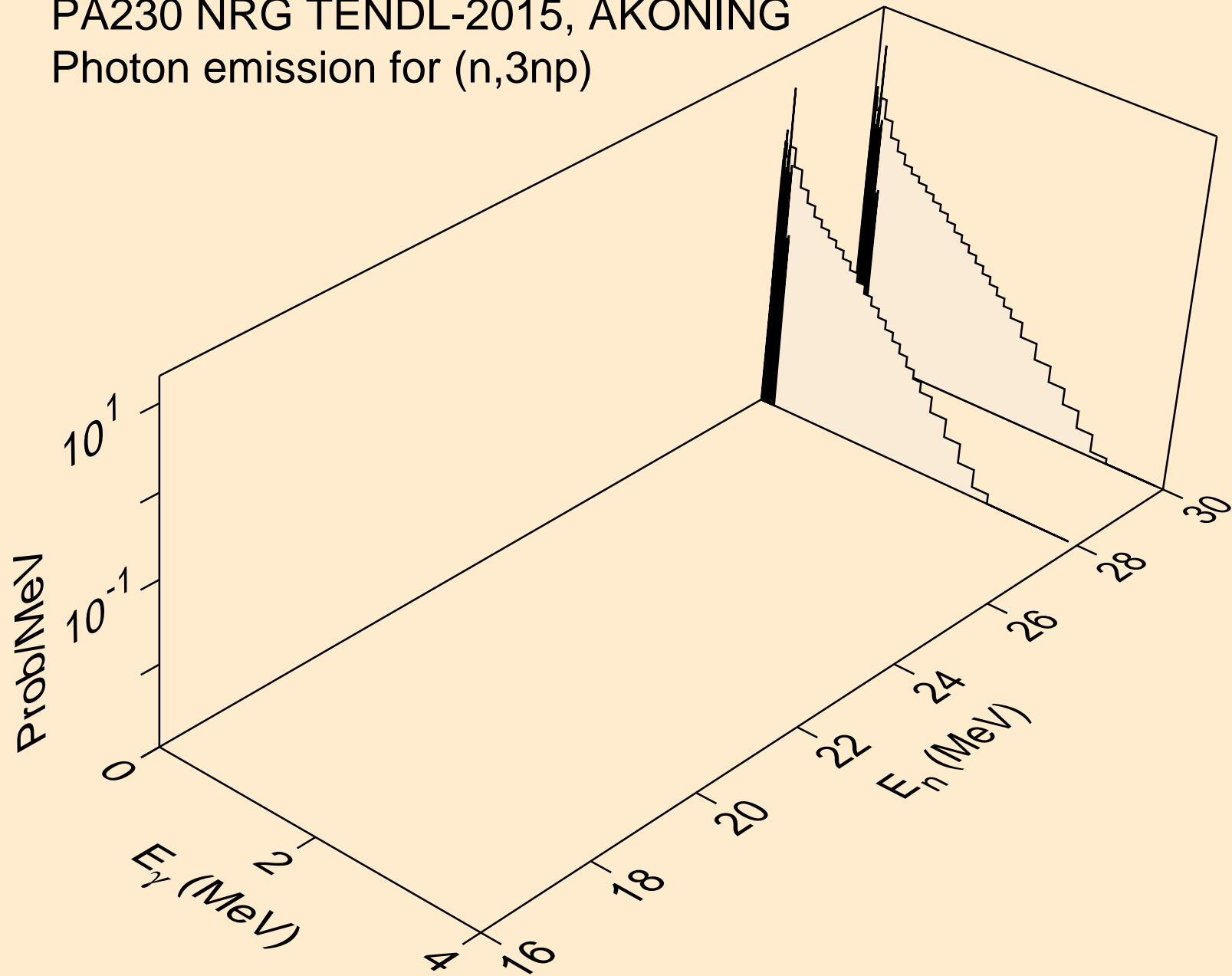
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



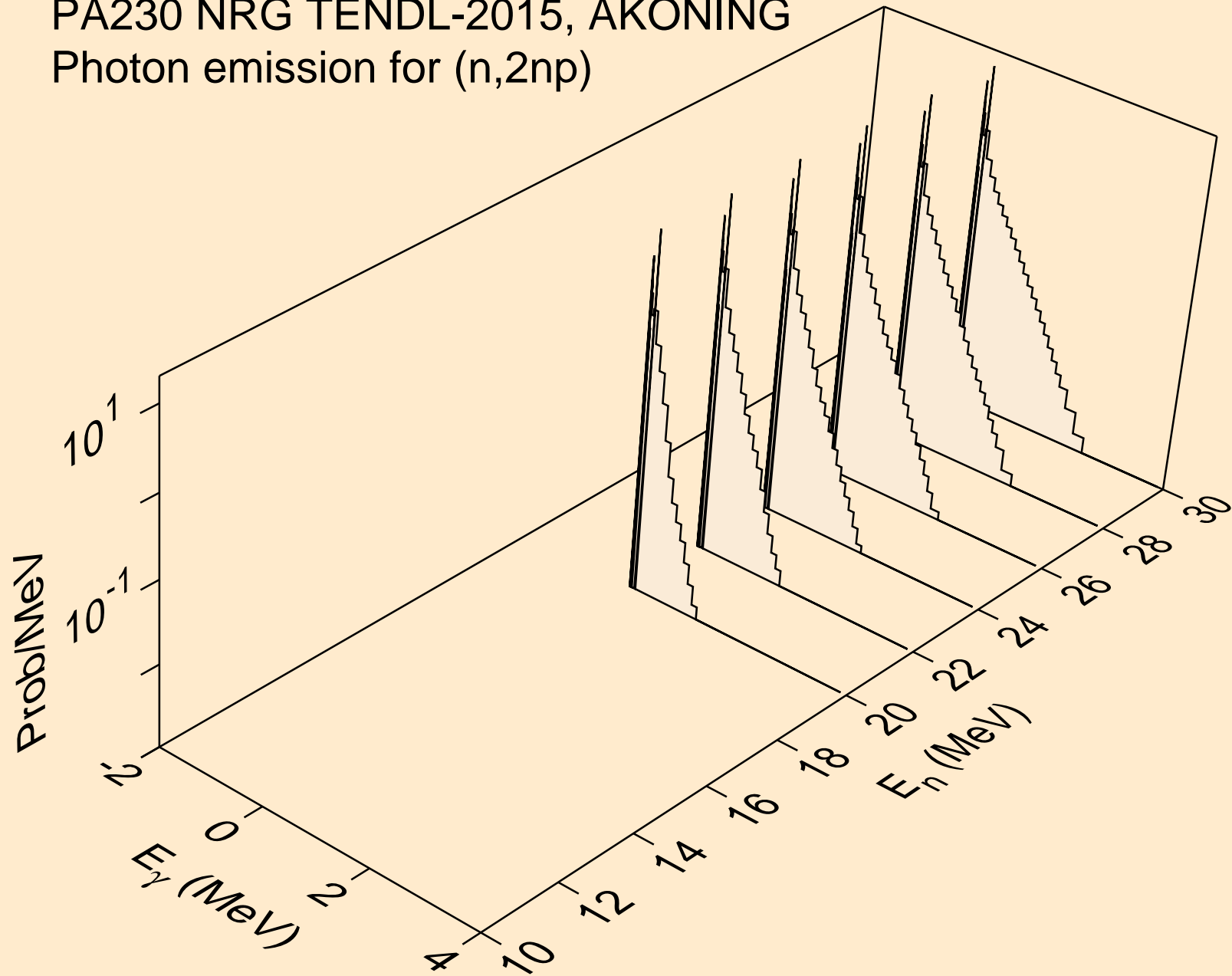
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



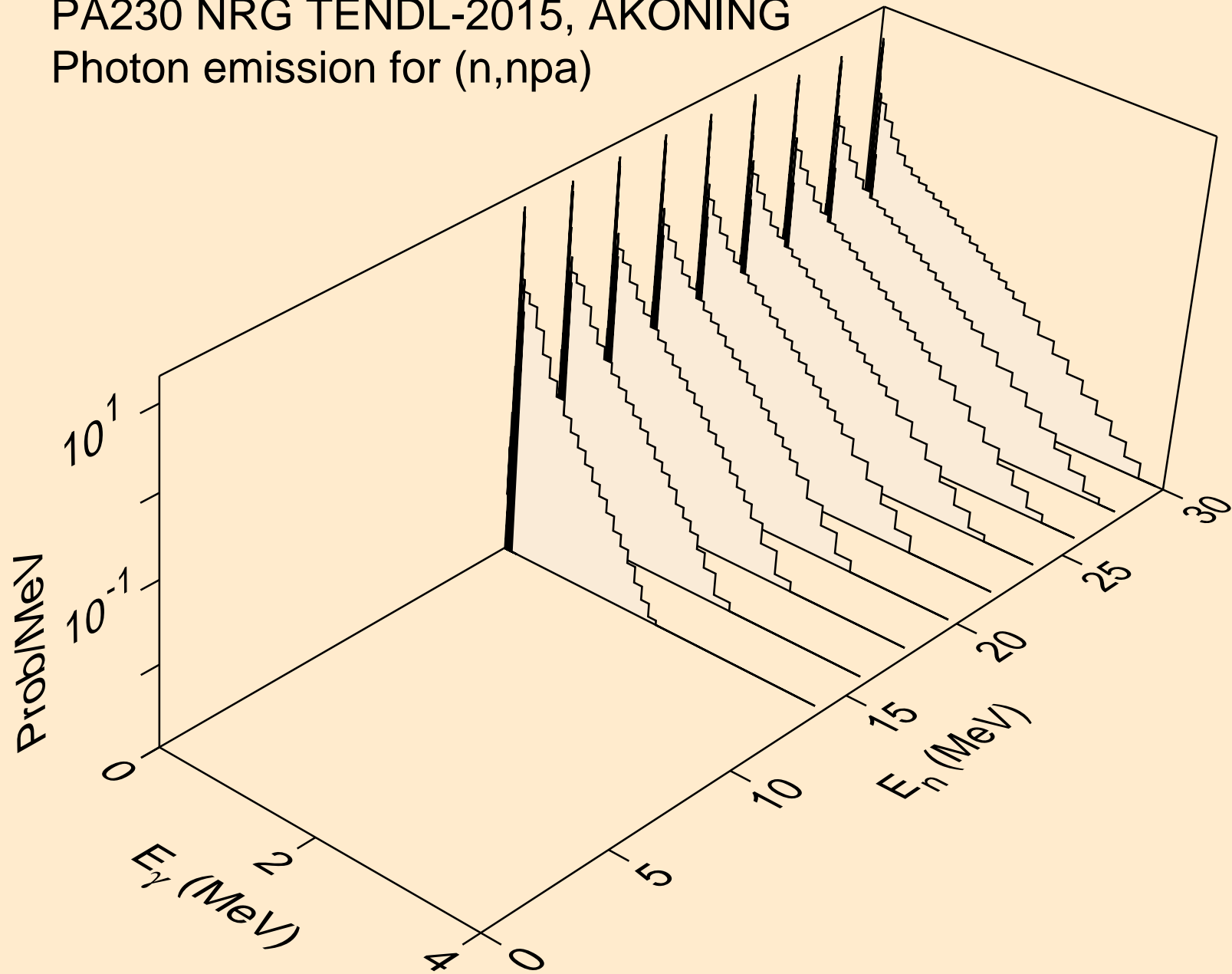
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



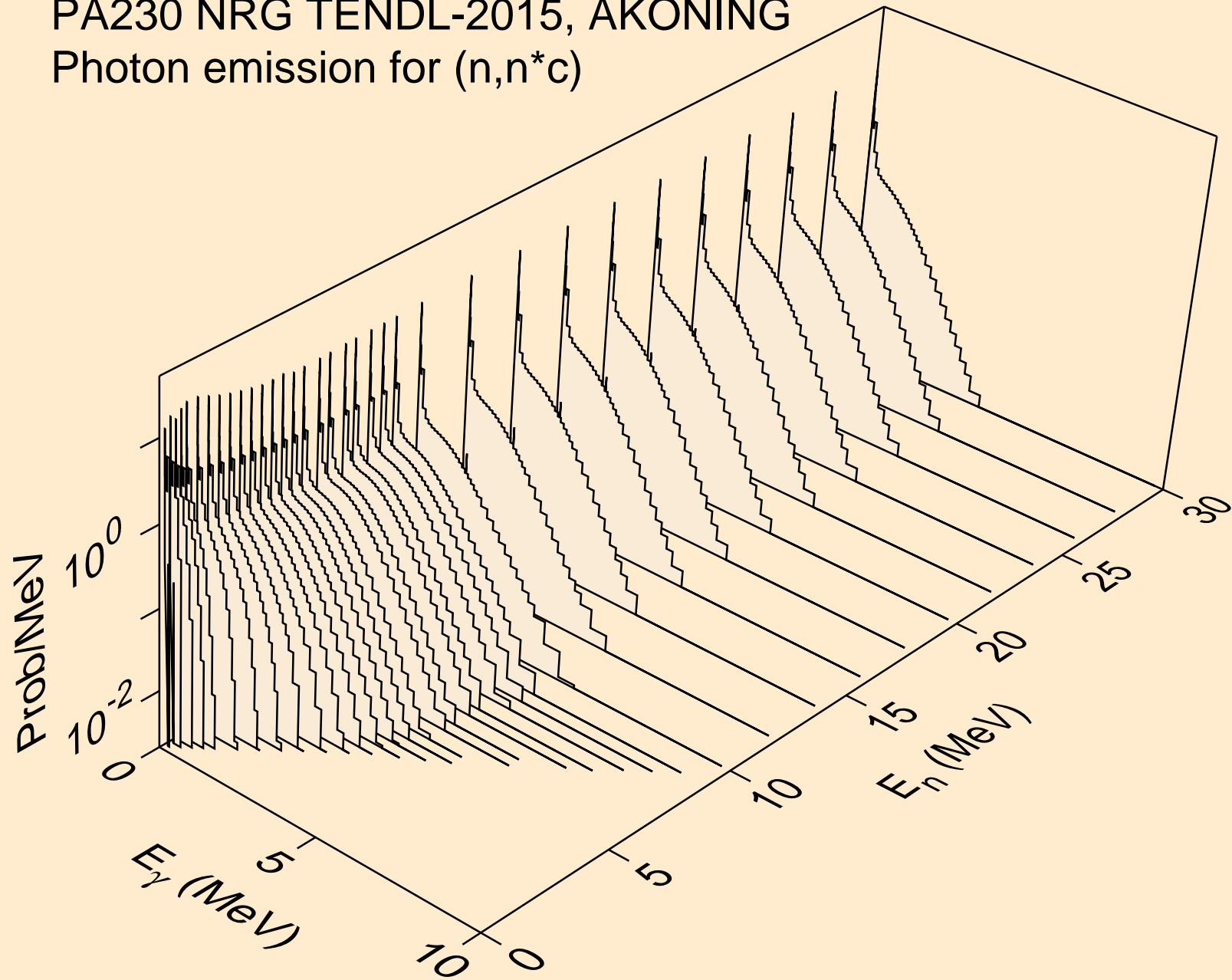
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



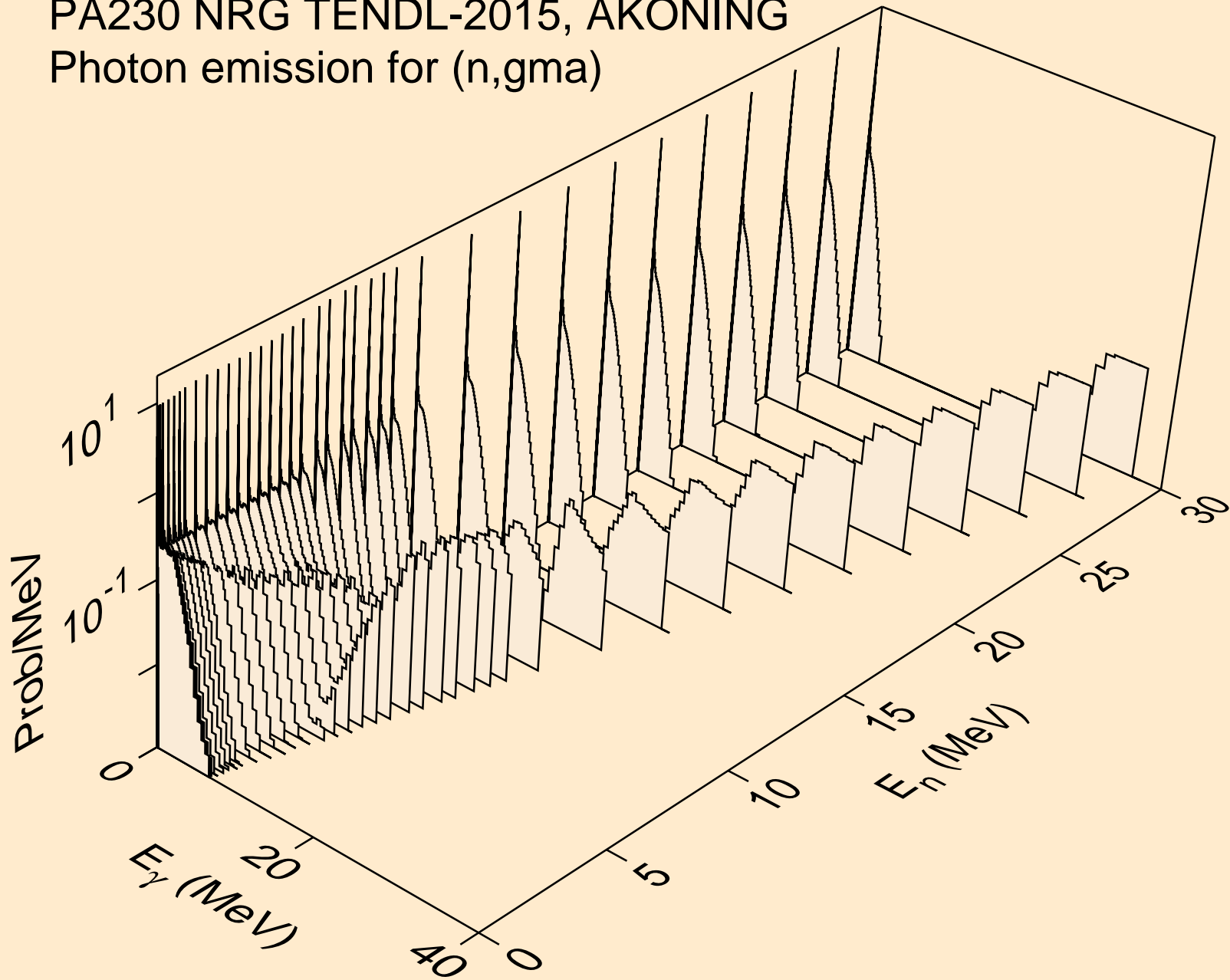
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

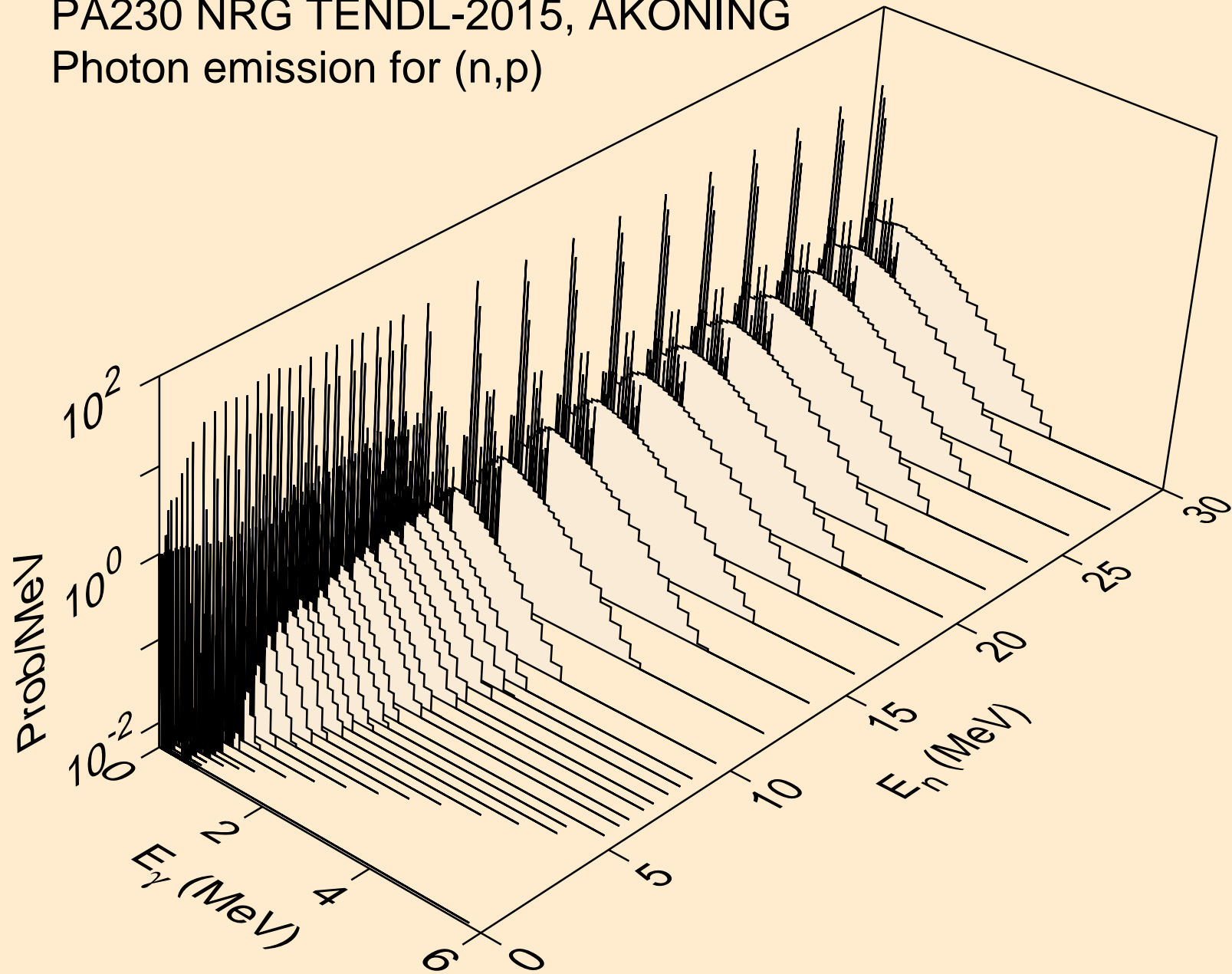


PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

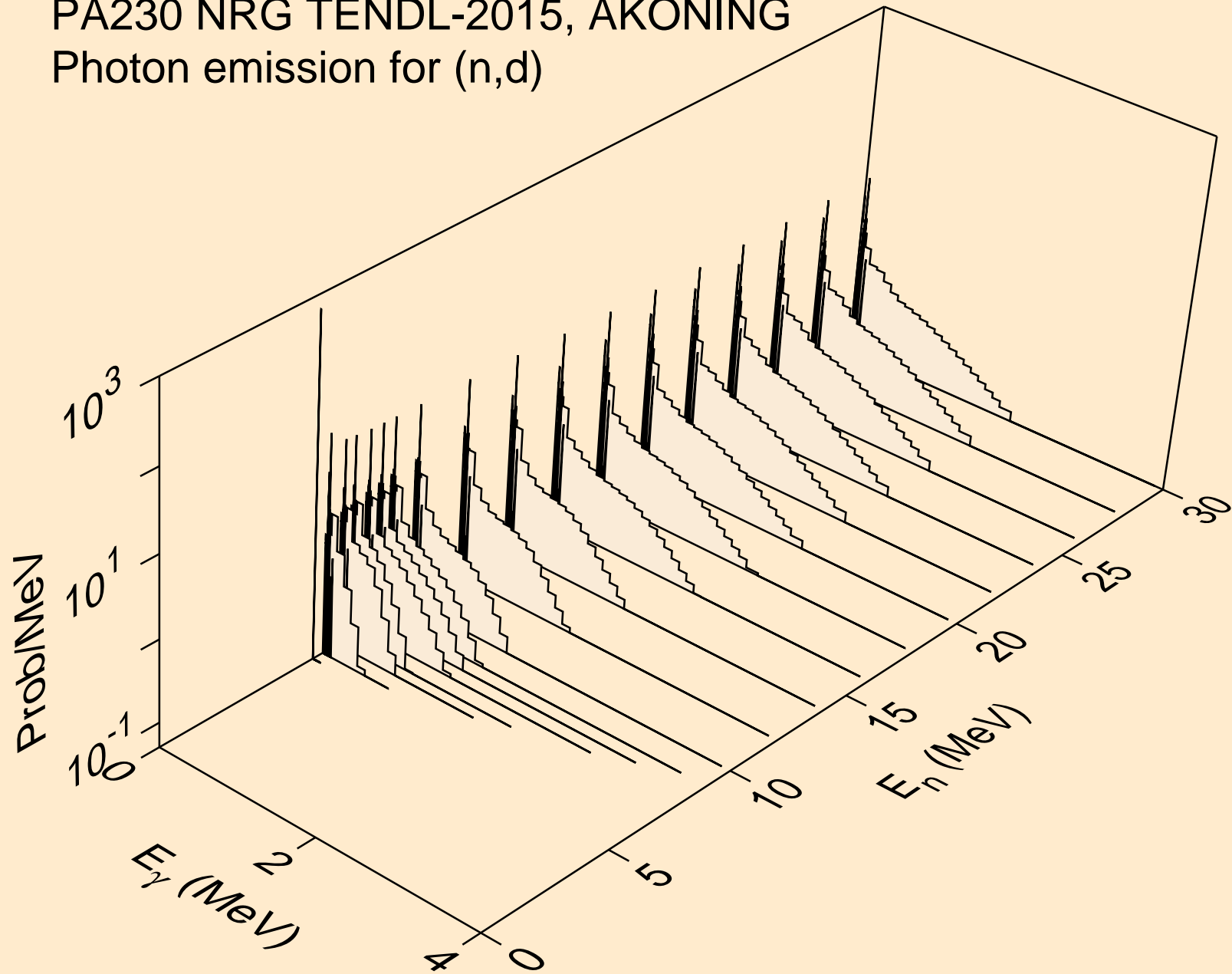




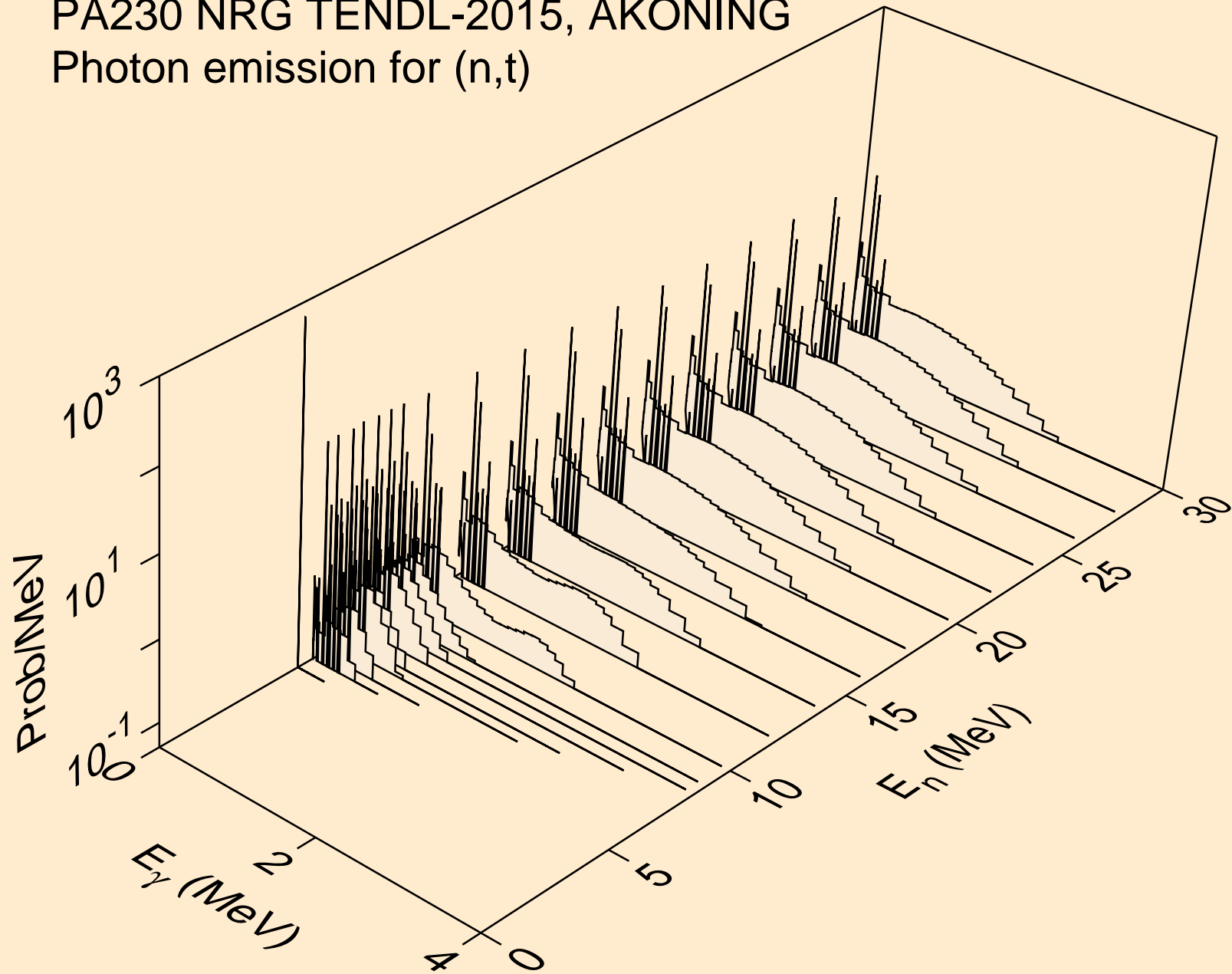
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



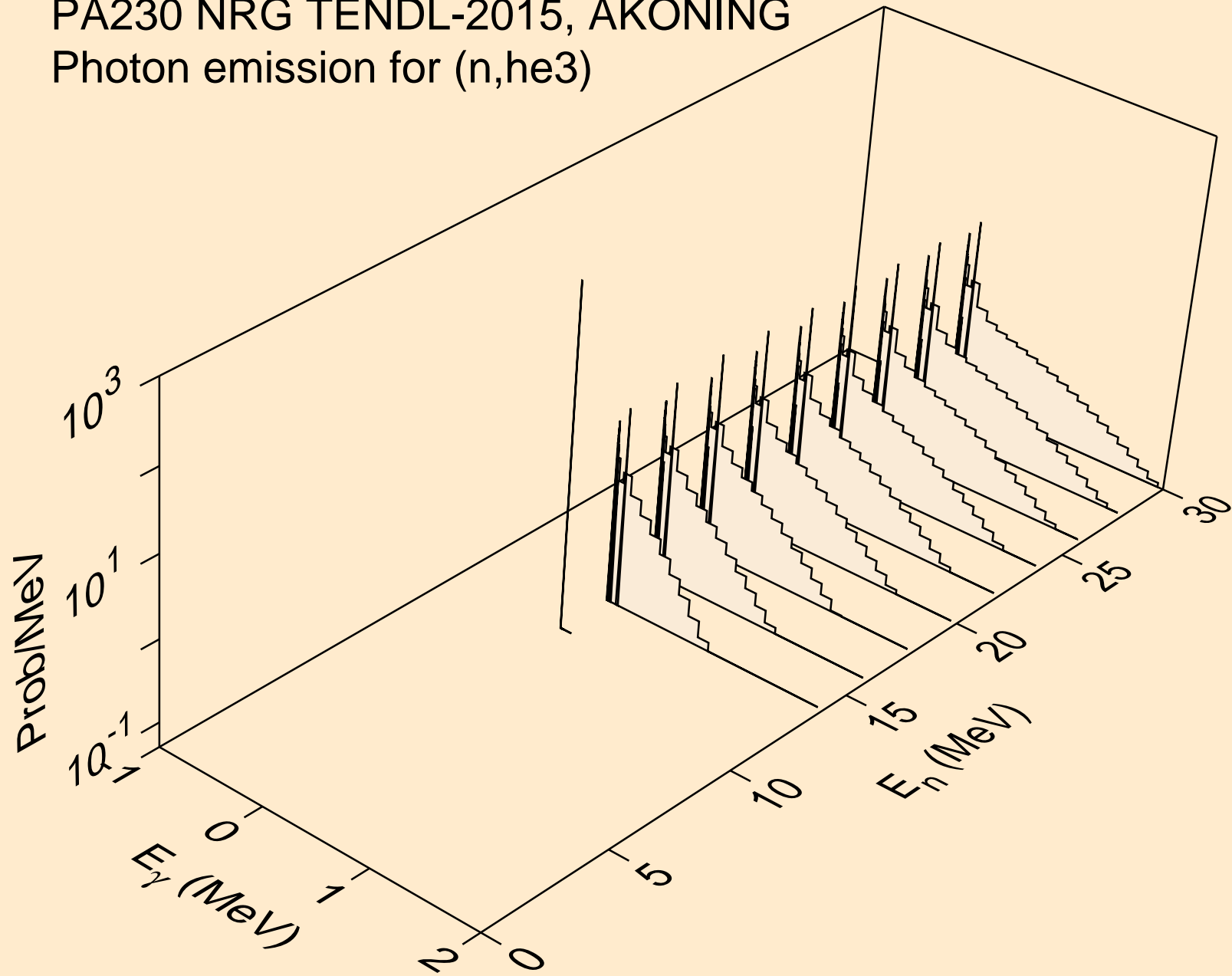
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



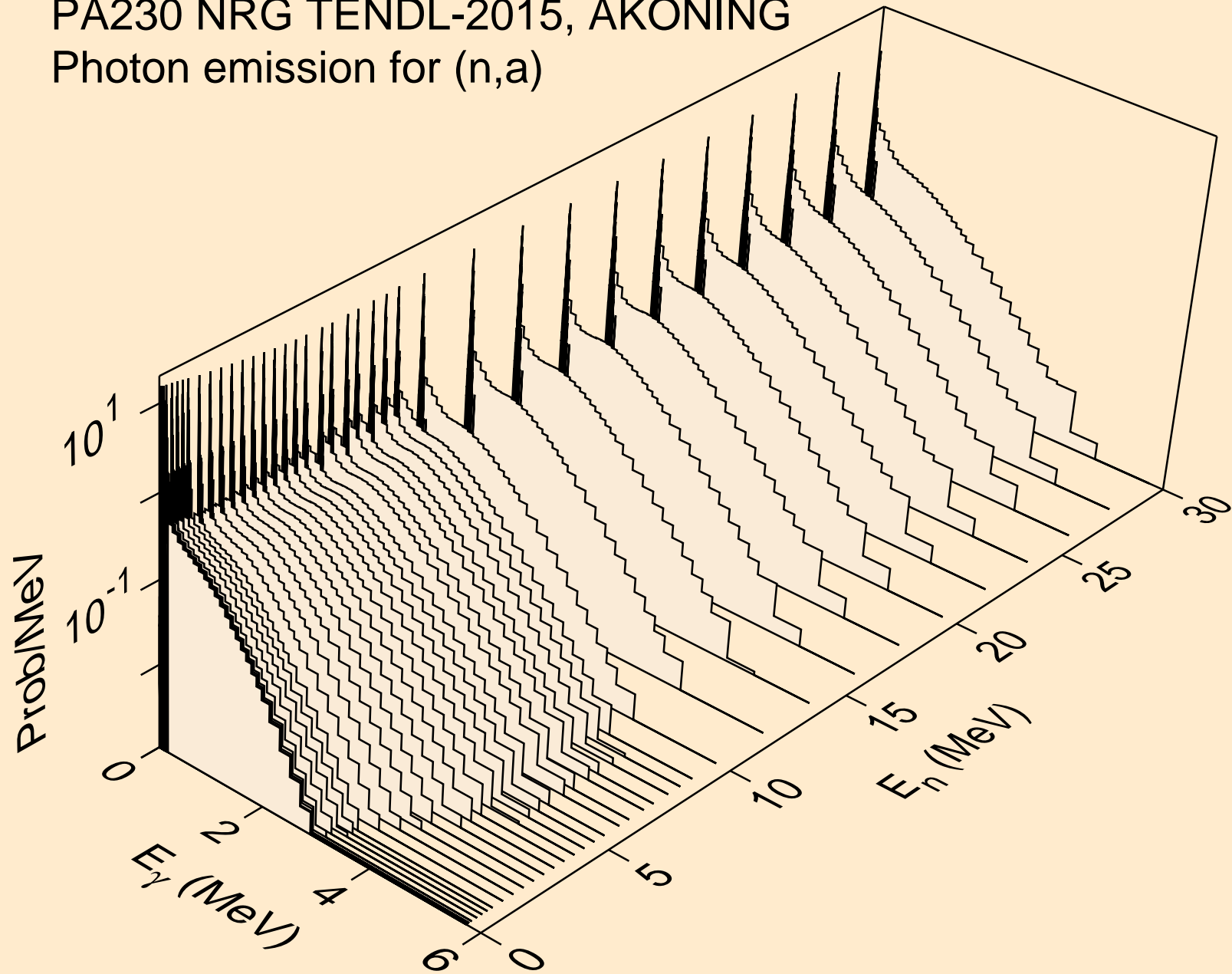
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



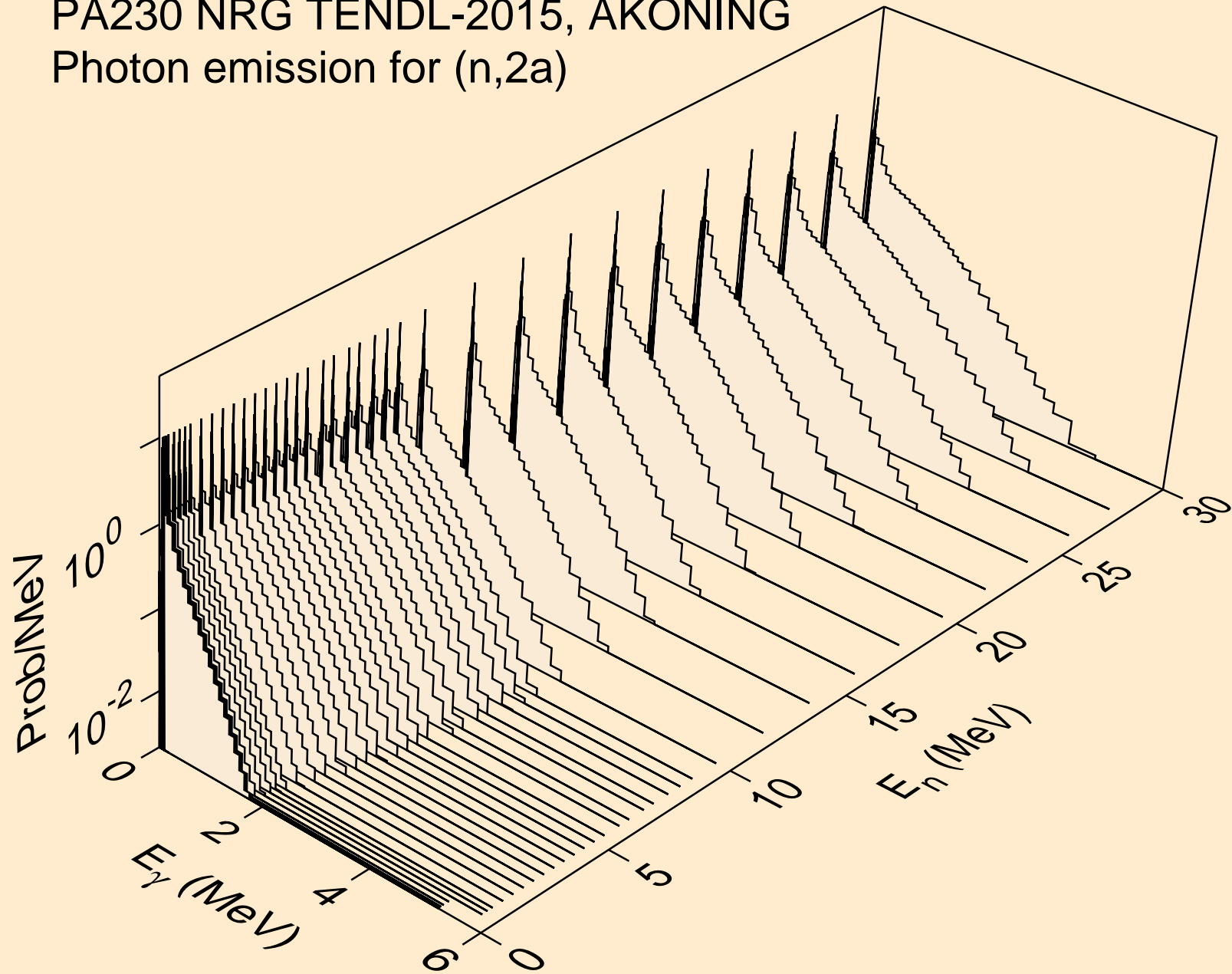
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



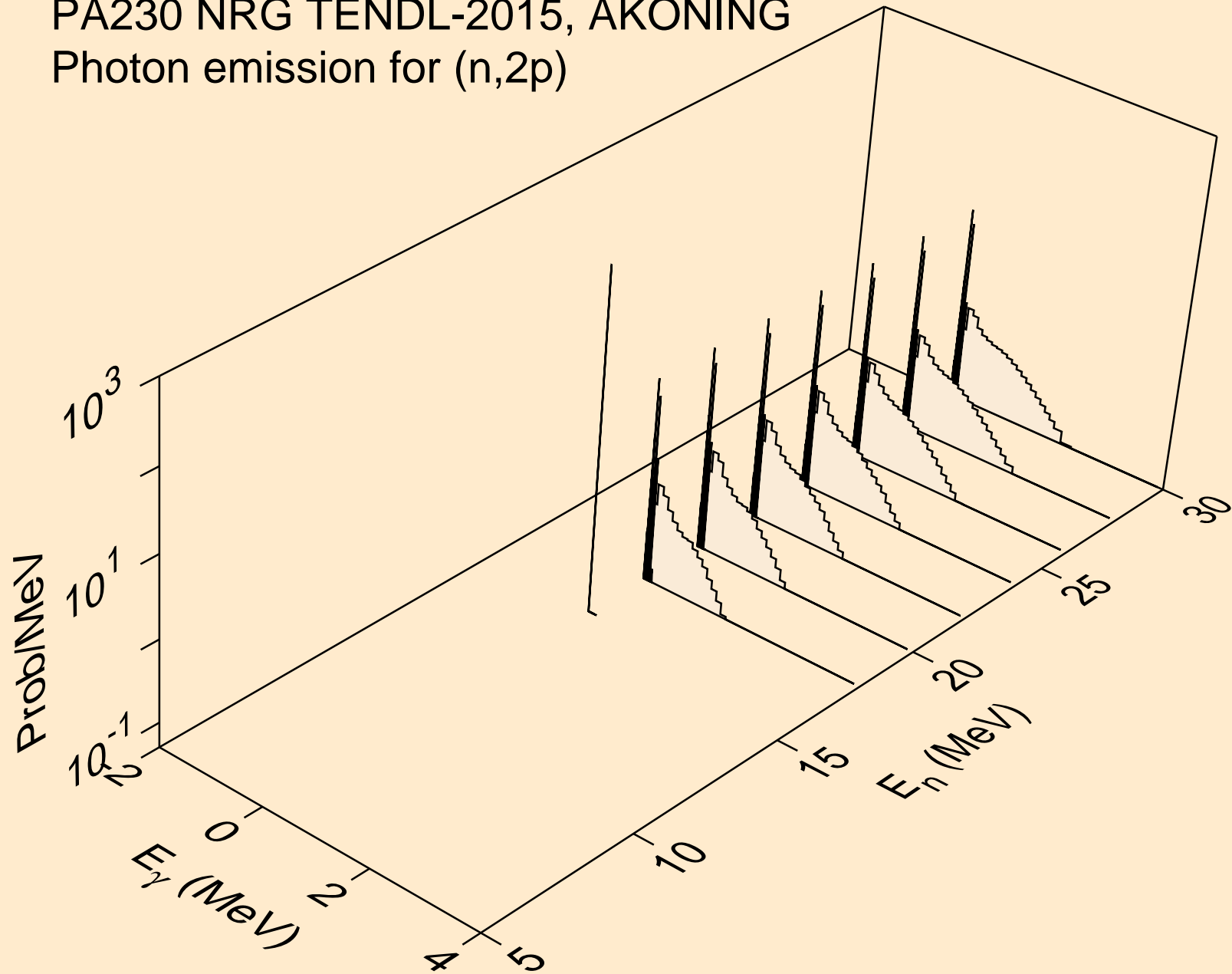
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



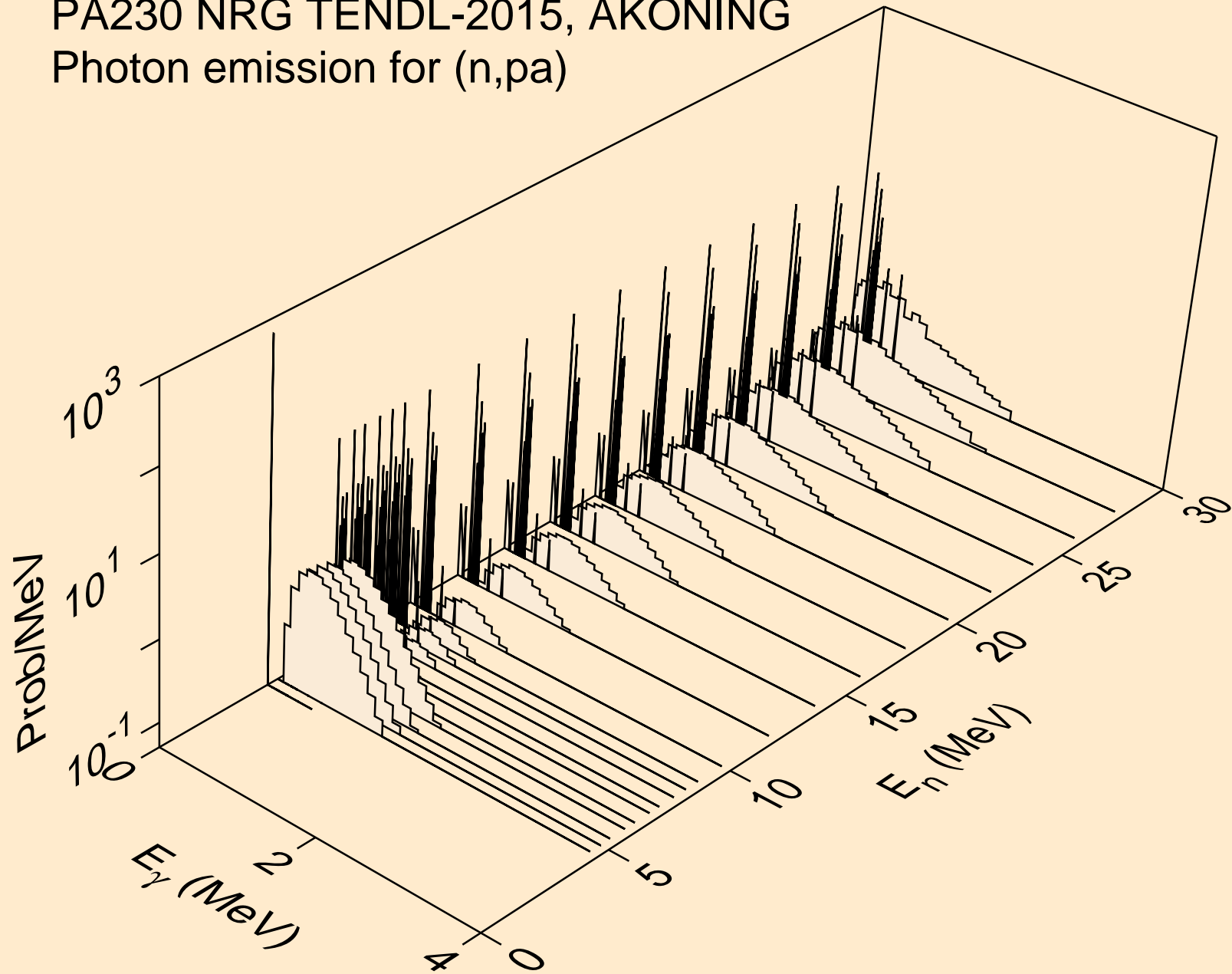
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

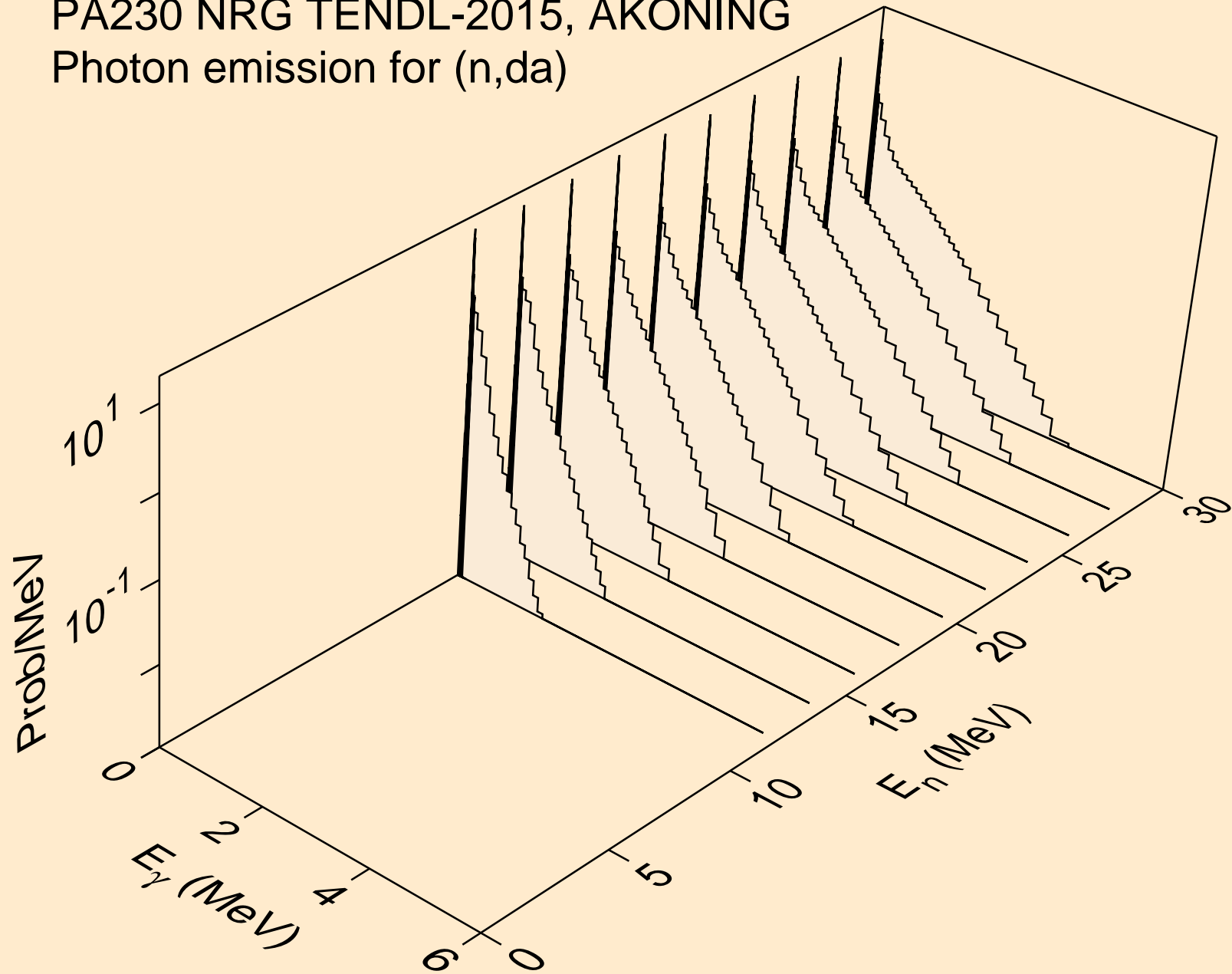


PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

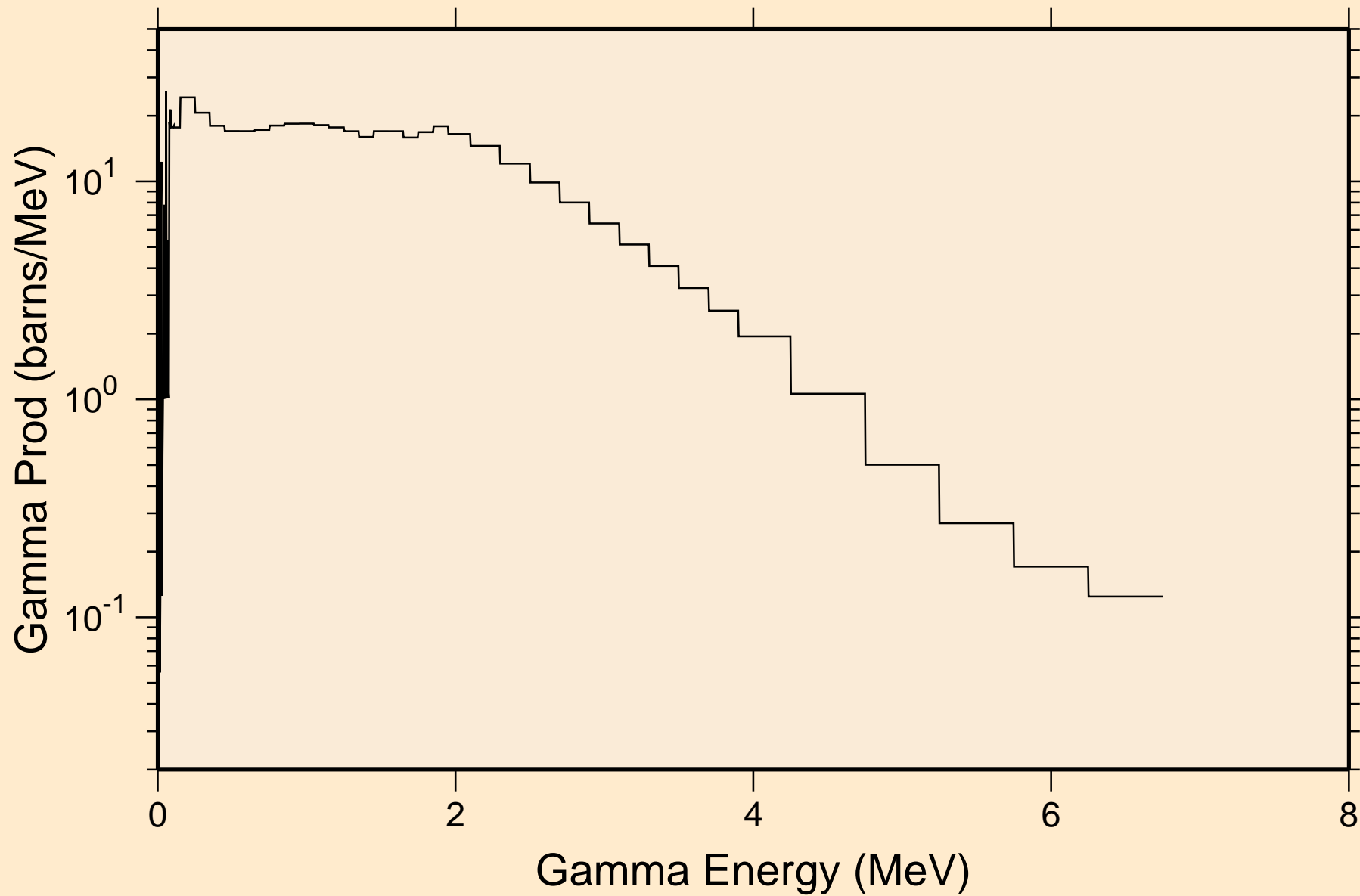




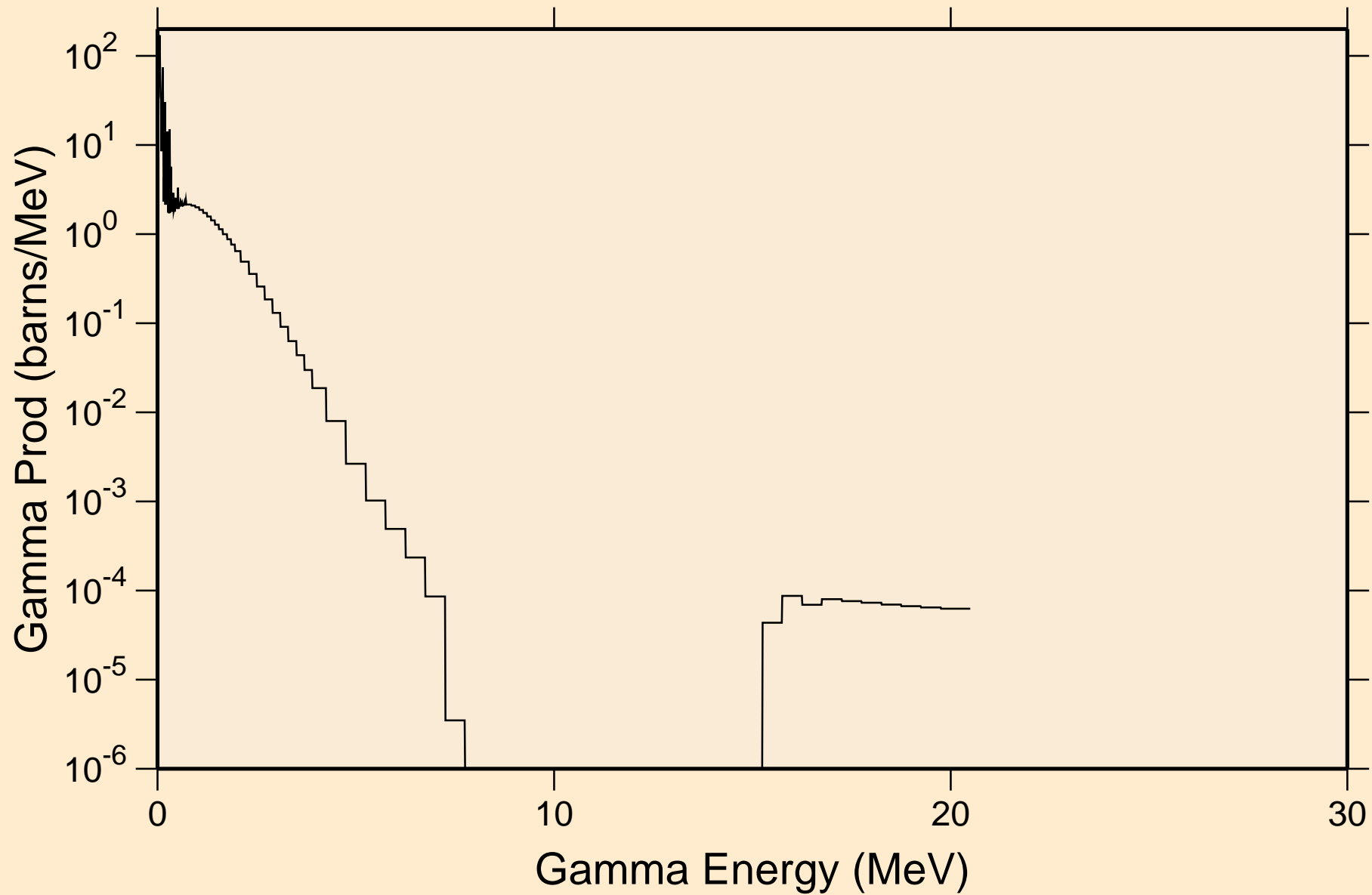
PA230 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PA230 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

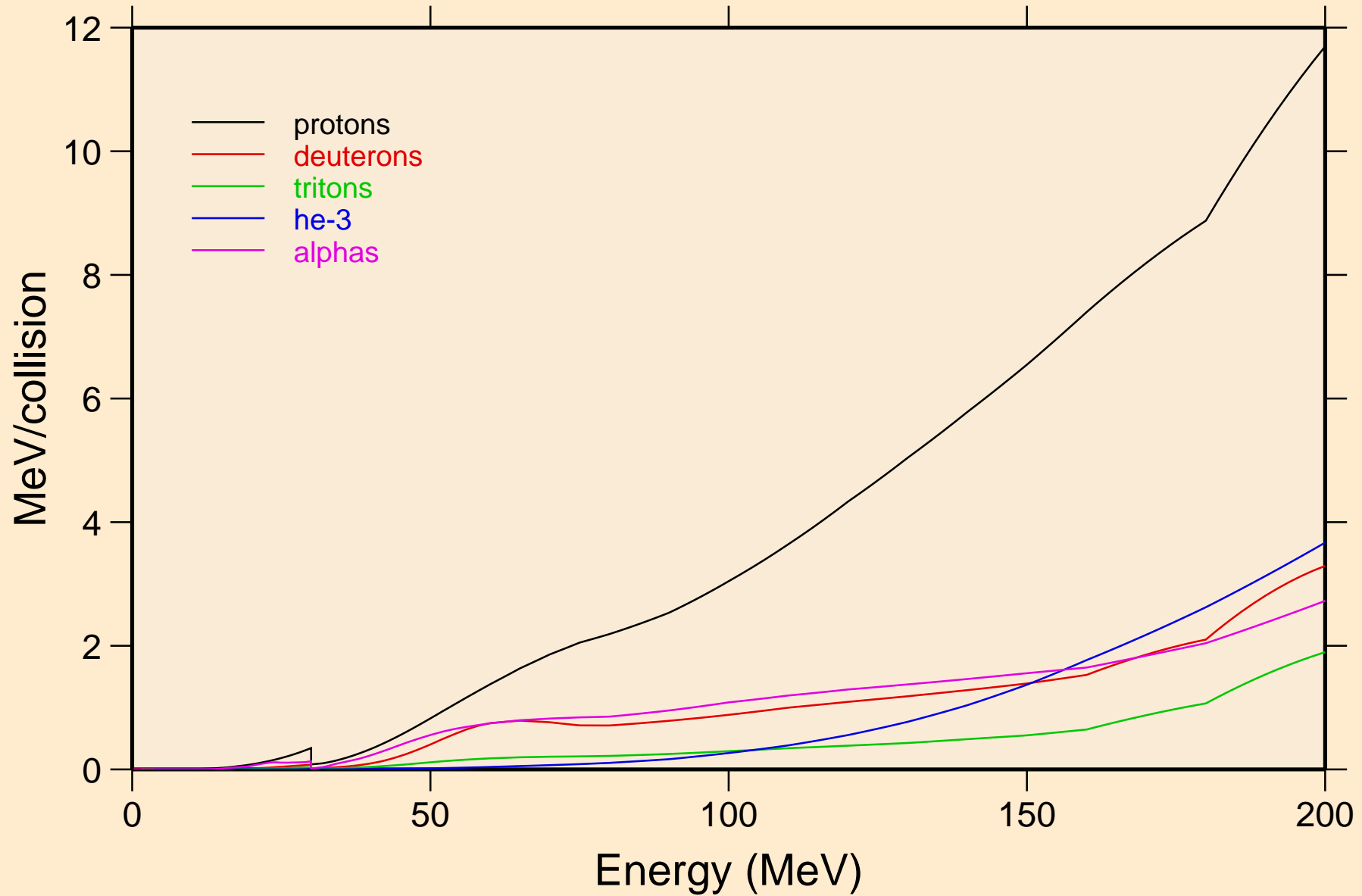


PA230 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



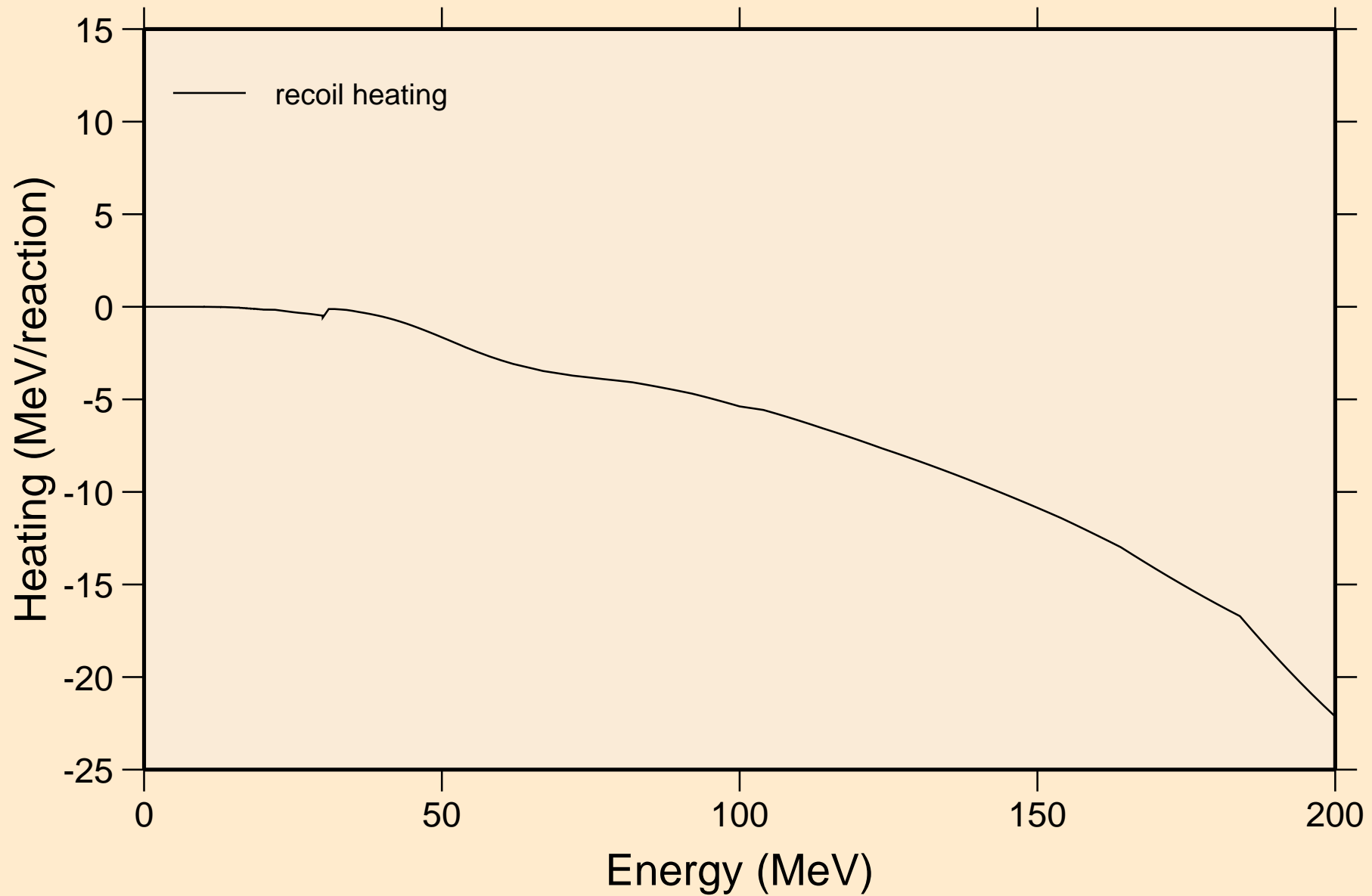
# PA230 NRG TENDL-2015, AKONING

## Particle heating contributions



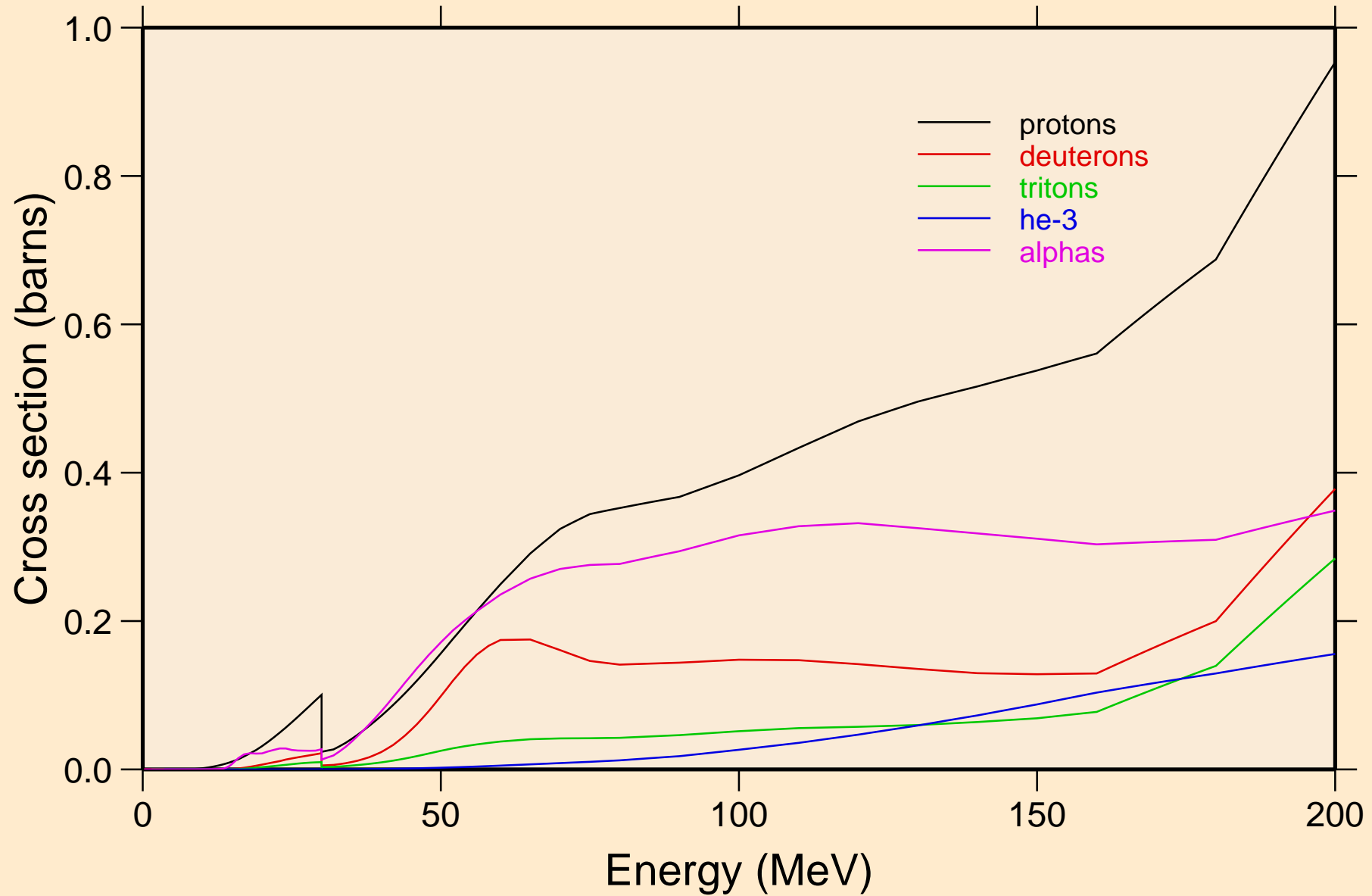
# PA230 NRG TENDL-2015, AKONING

## Recoil Heating

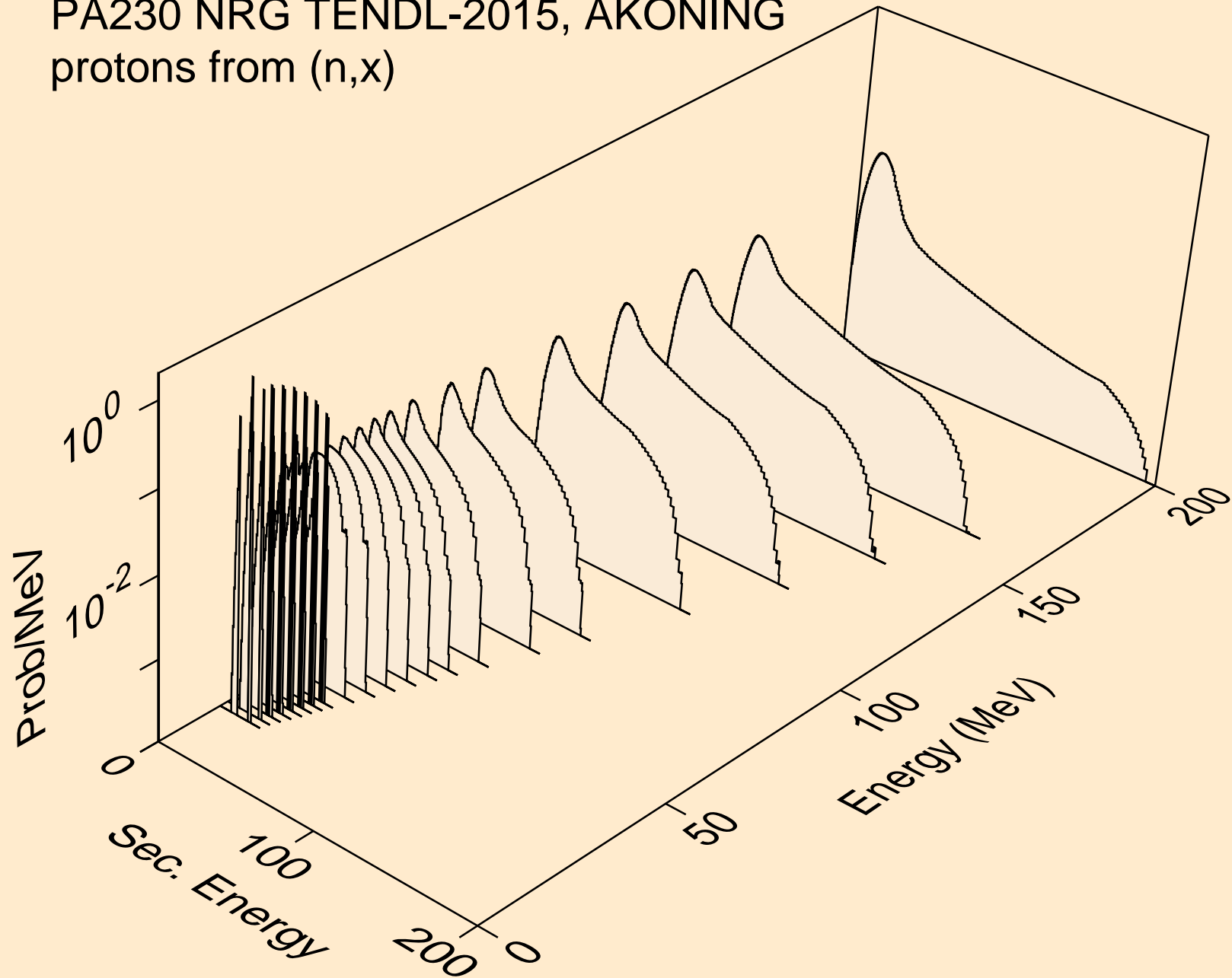


# PA230 NRG TENDL-2015, AKONING

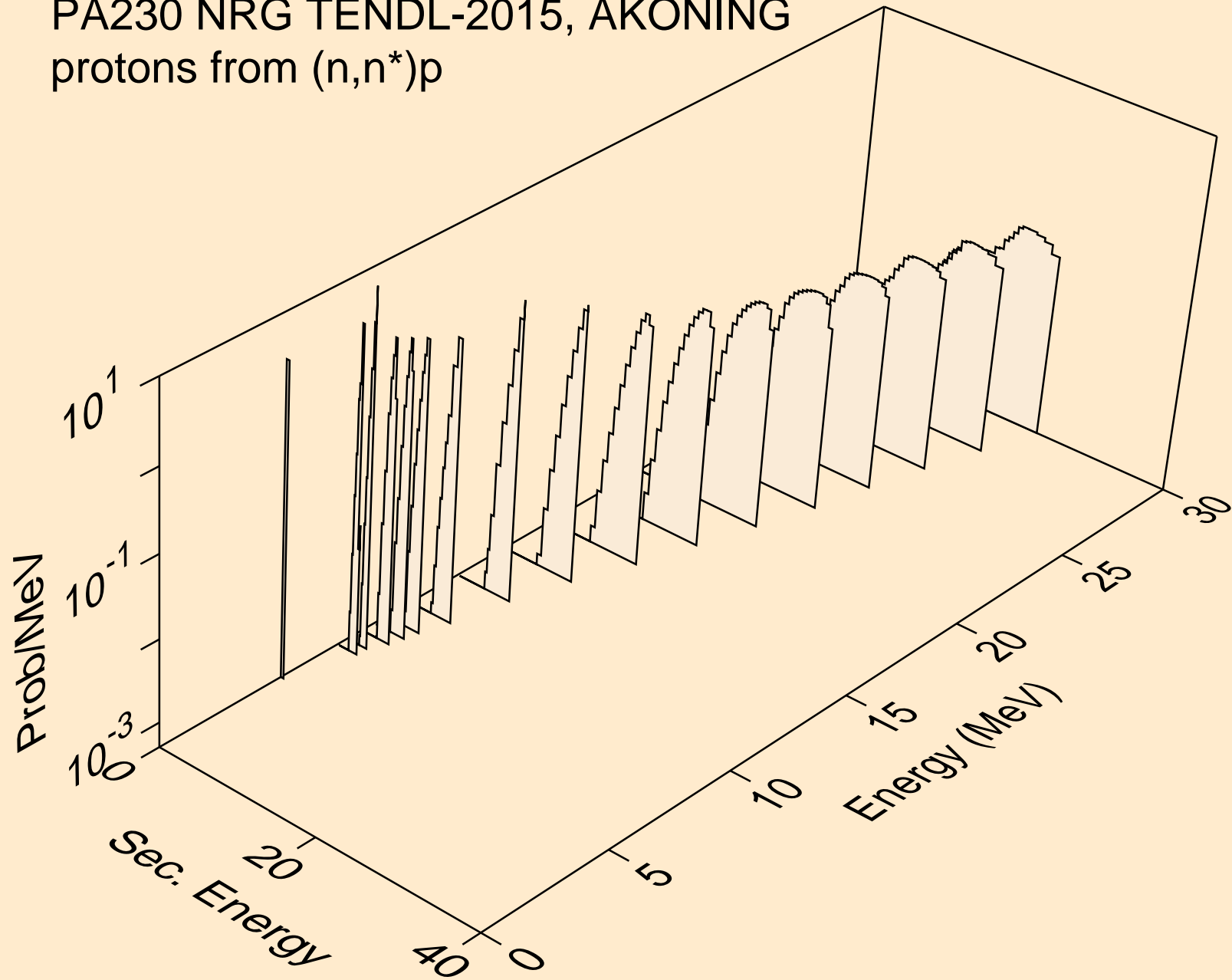
## Particle production cross sections



PA230 NRG TENDL-2015, AKONING  
protons from (n,x)

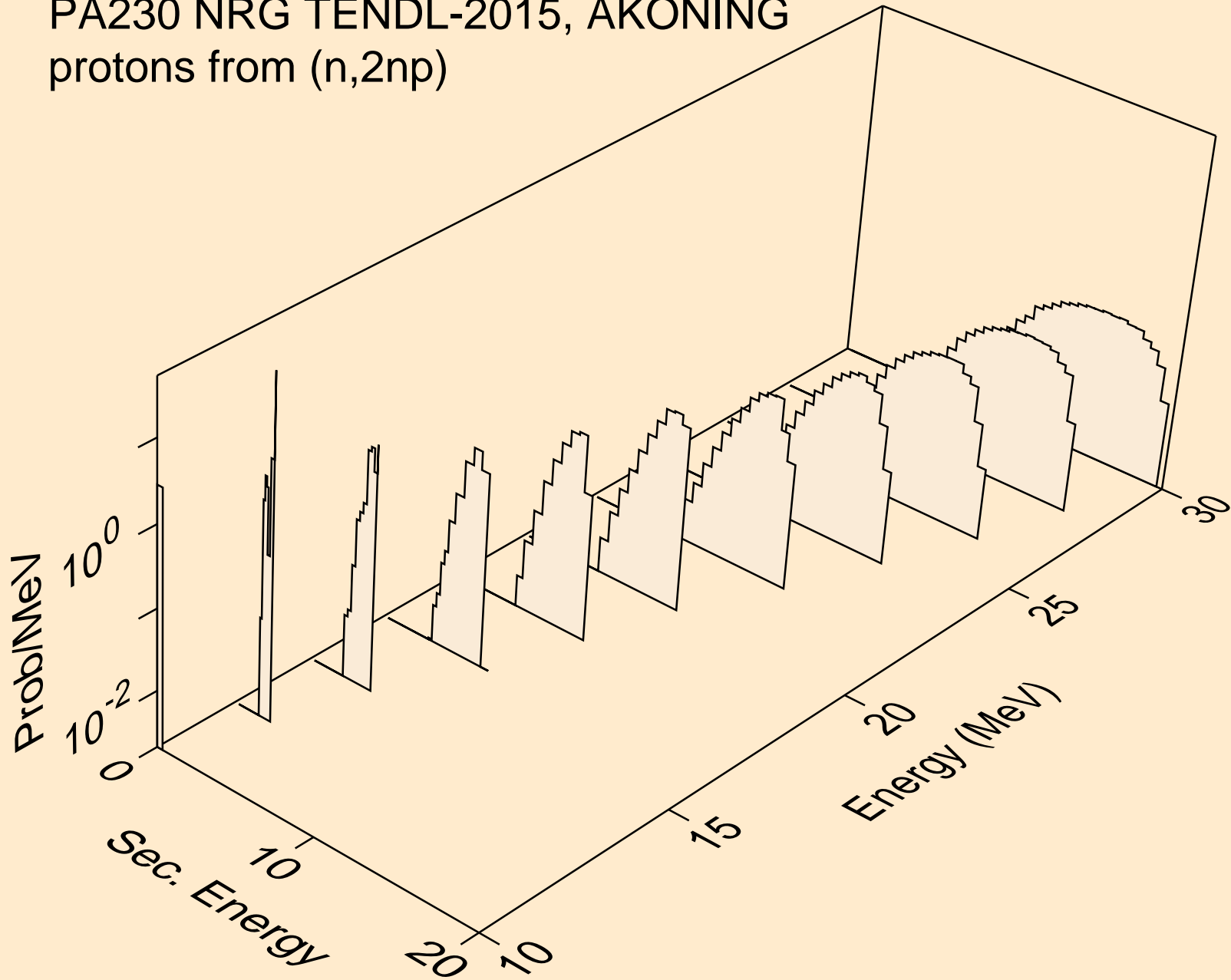


PA230 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

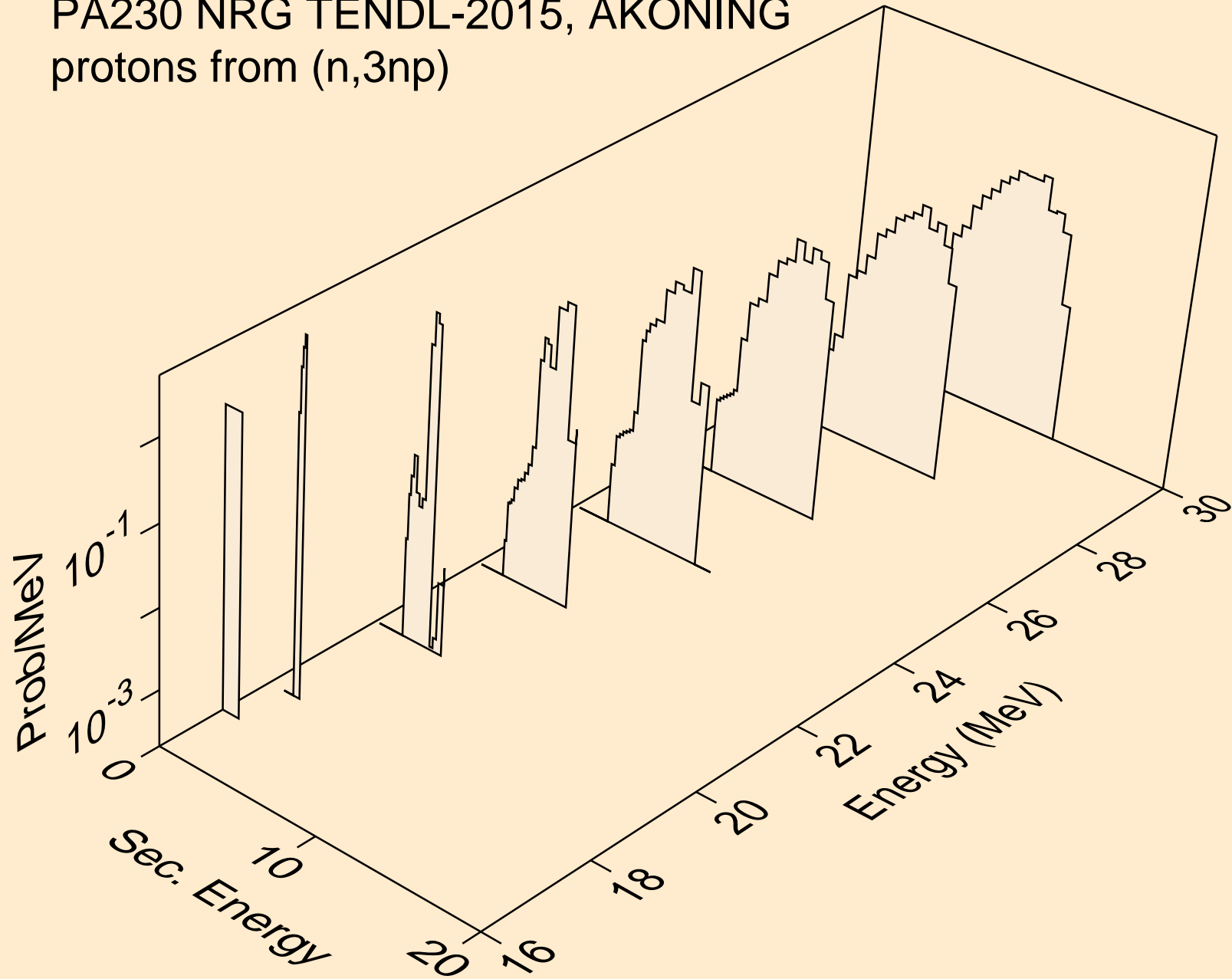




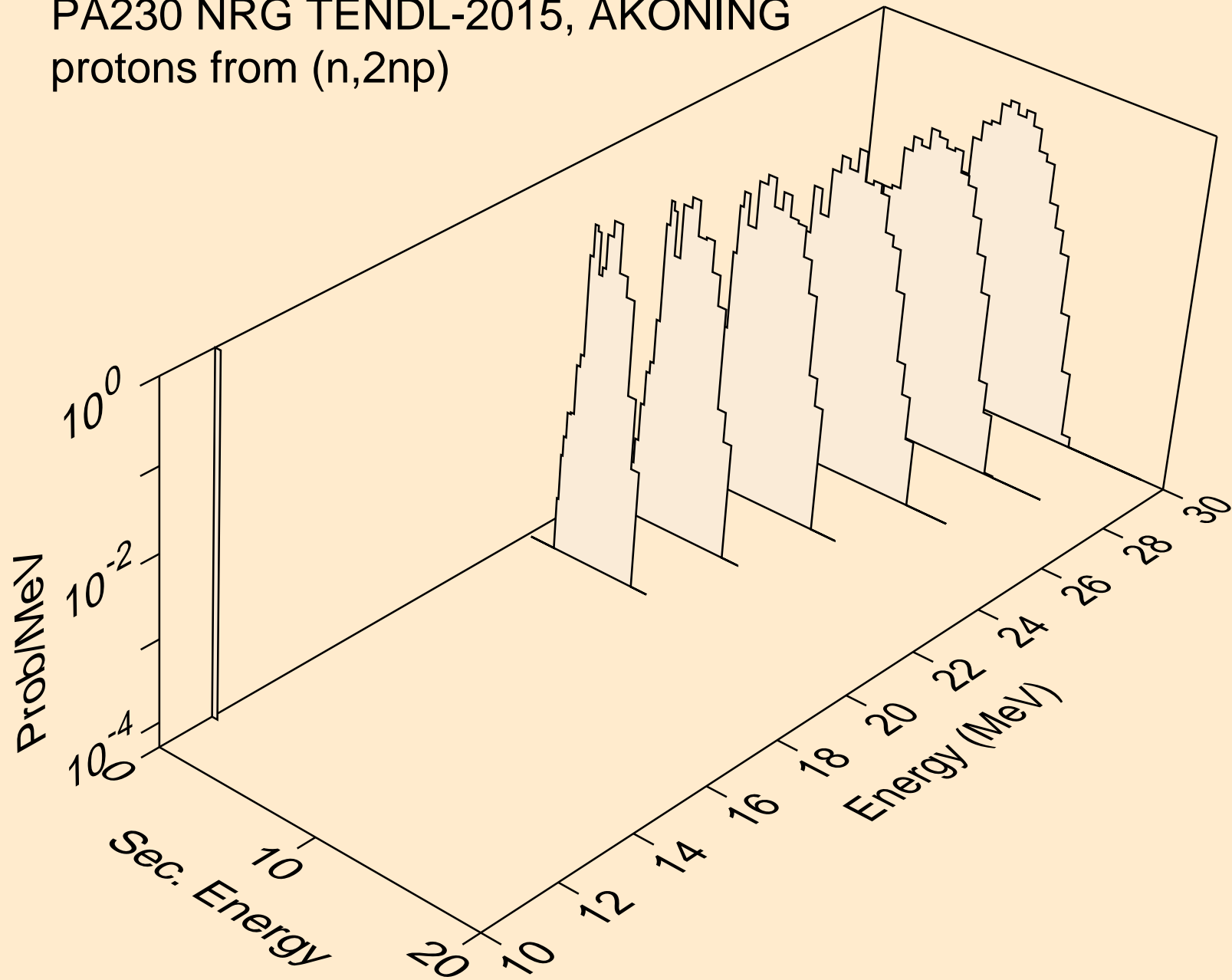
PA230 NRG TENDL-2015, AKONING  
protons from (n,2np)



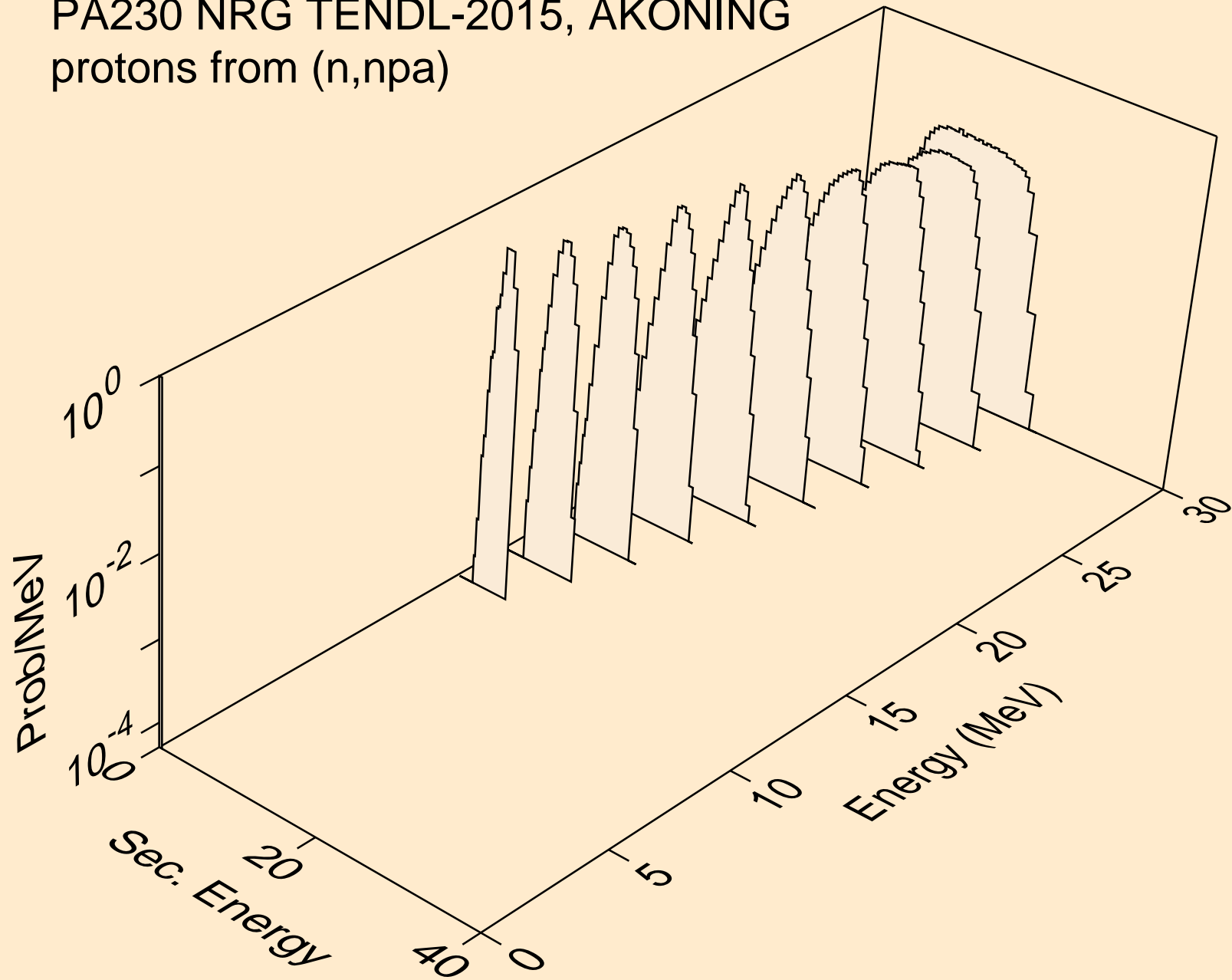
PA230 NRG TENDL-2015, AKONING  
protons from (n,3np)



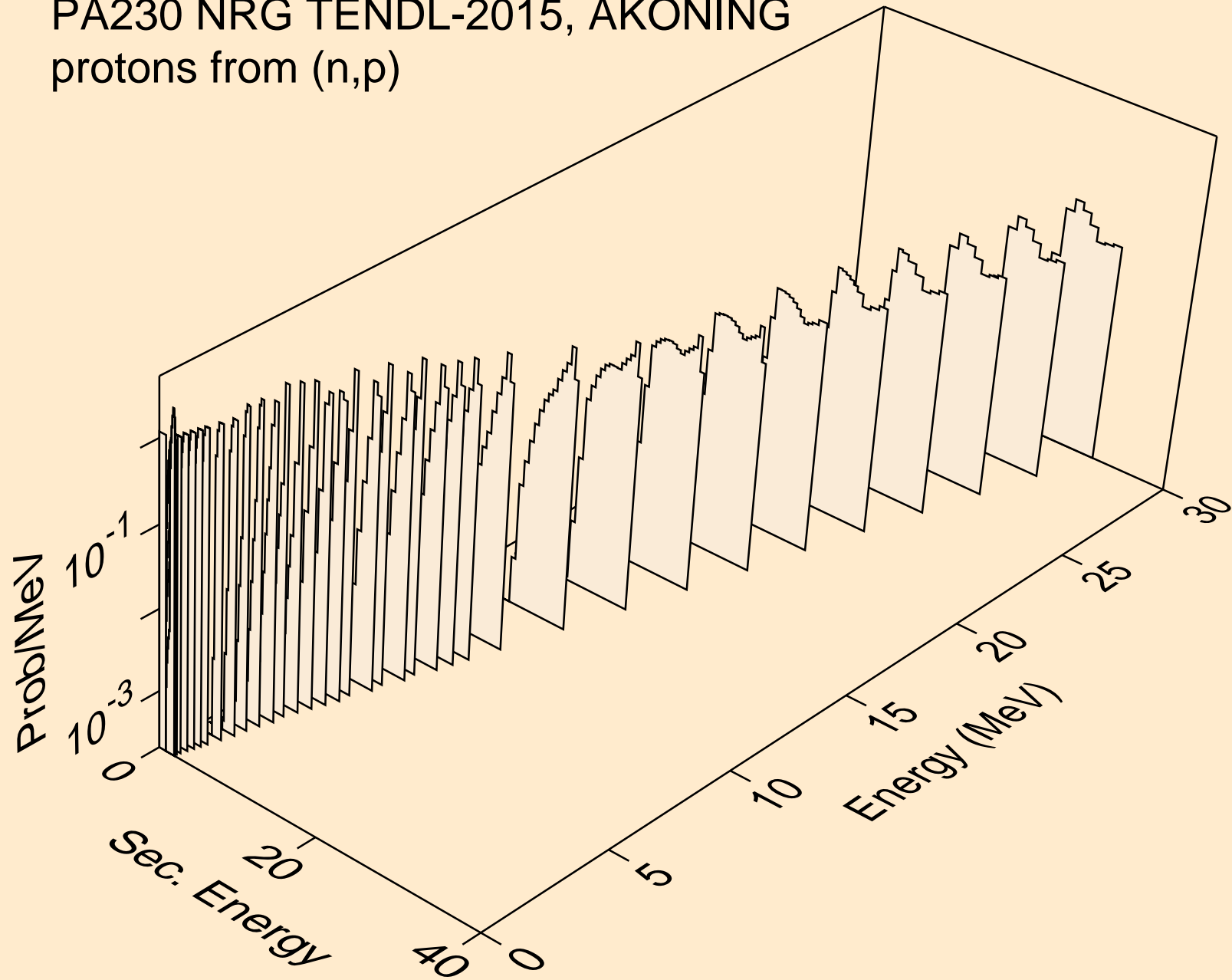
PA230 NRG TENDL-2015, AKONING  
protons from (n,2np)



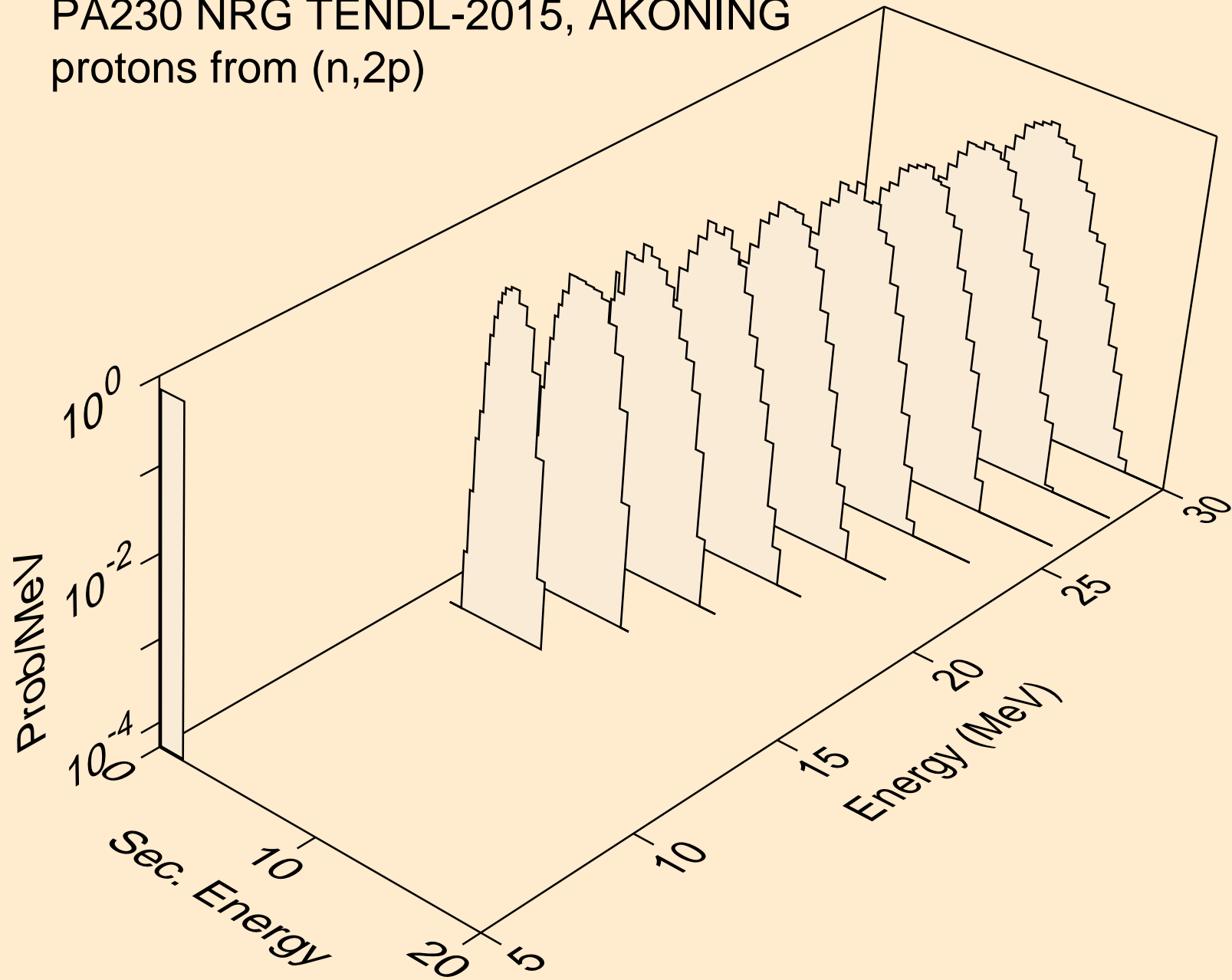
PA230 NRG TENDL-2015, AKONING  
protons from (n,npa)



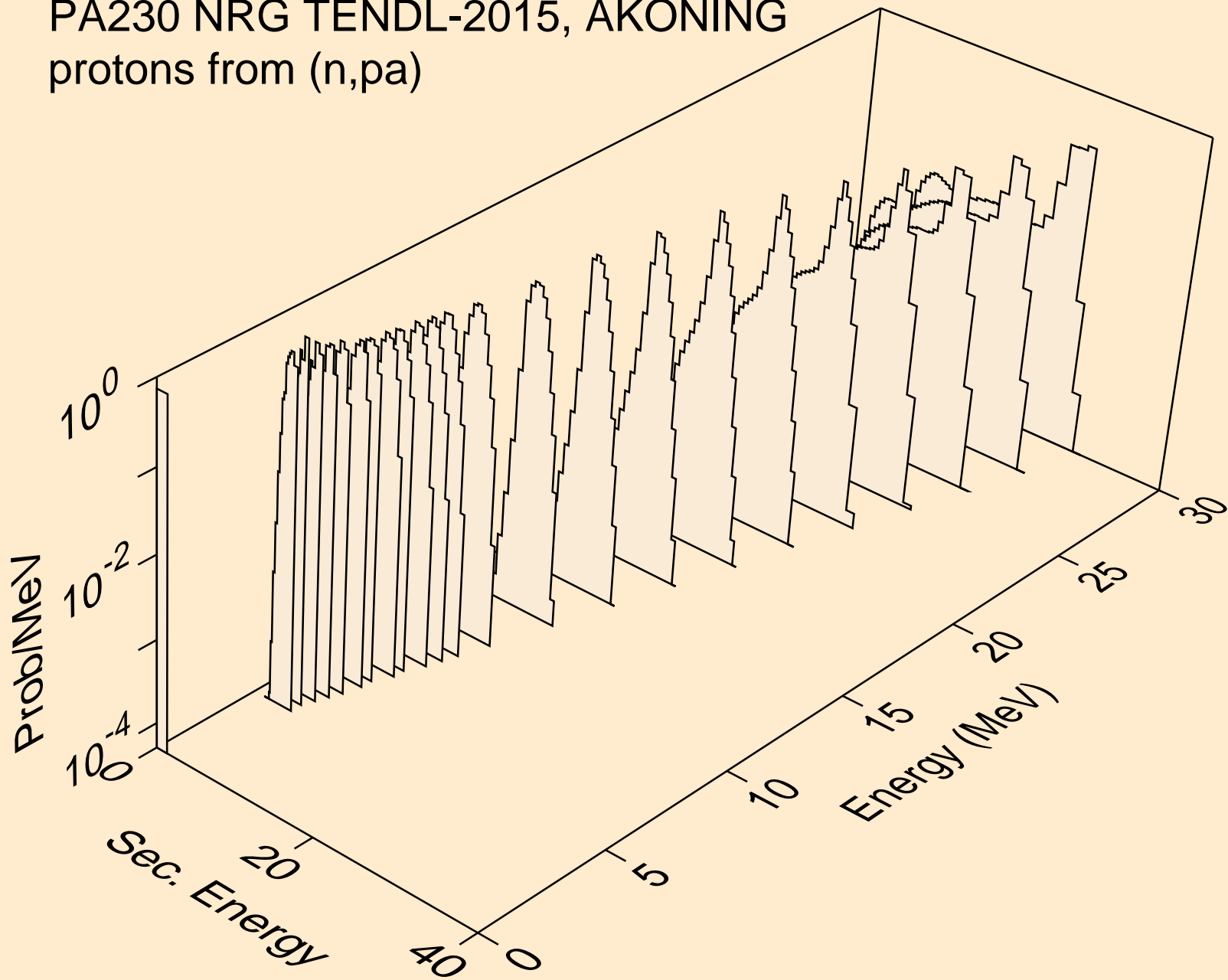
PA230 NRG TENDL-2015, AKONING  
protons from (n,p)



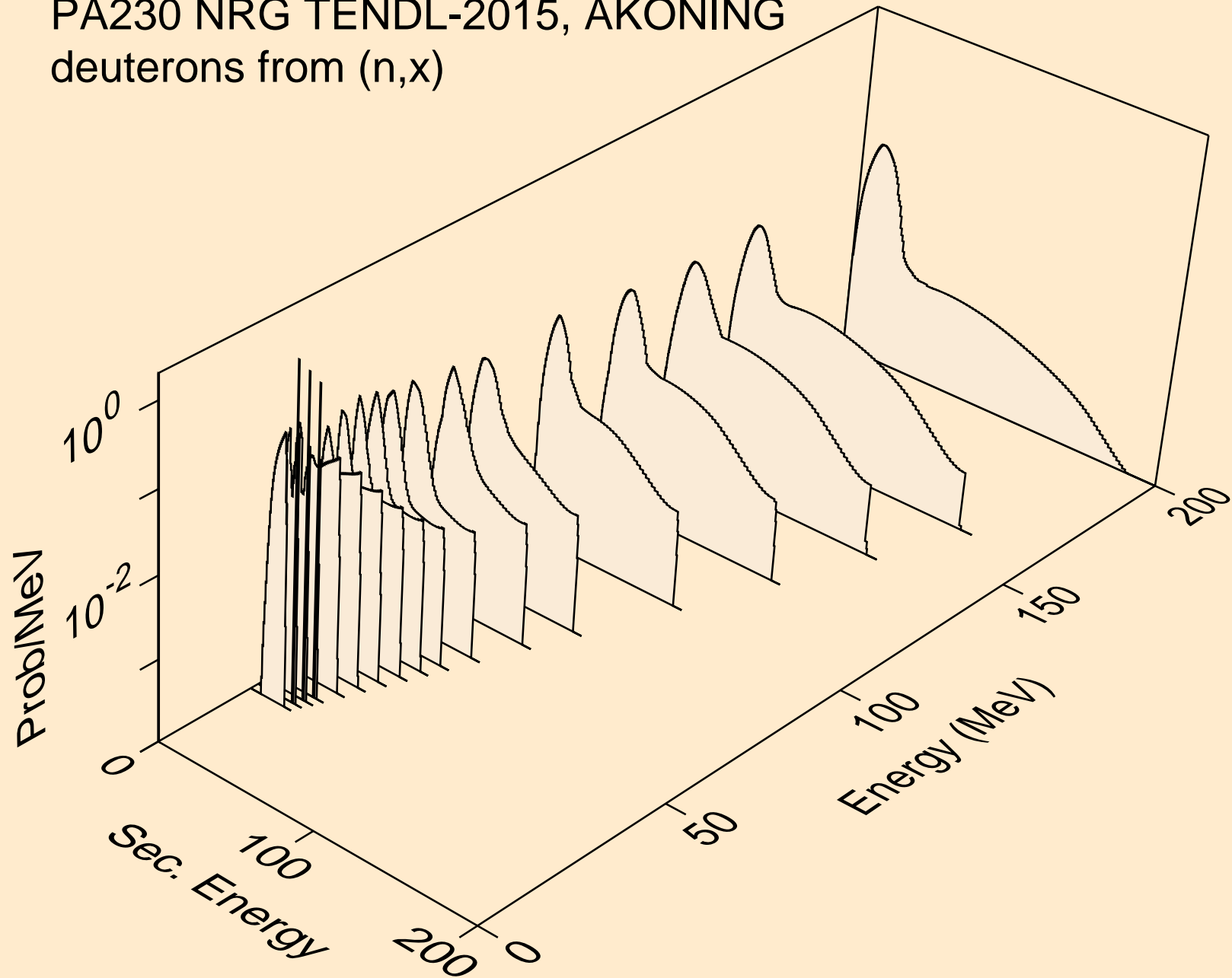
PA230 NRG TENDL-2015, AKONING  
protons from (n,2p)



PA230 NRG TENDL-2015, AKONING  
protons from (n,pa)

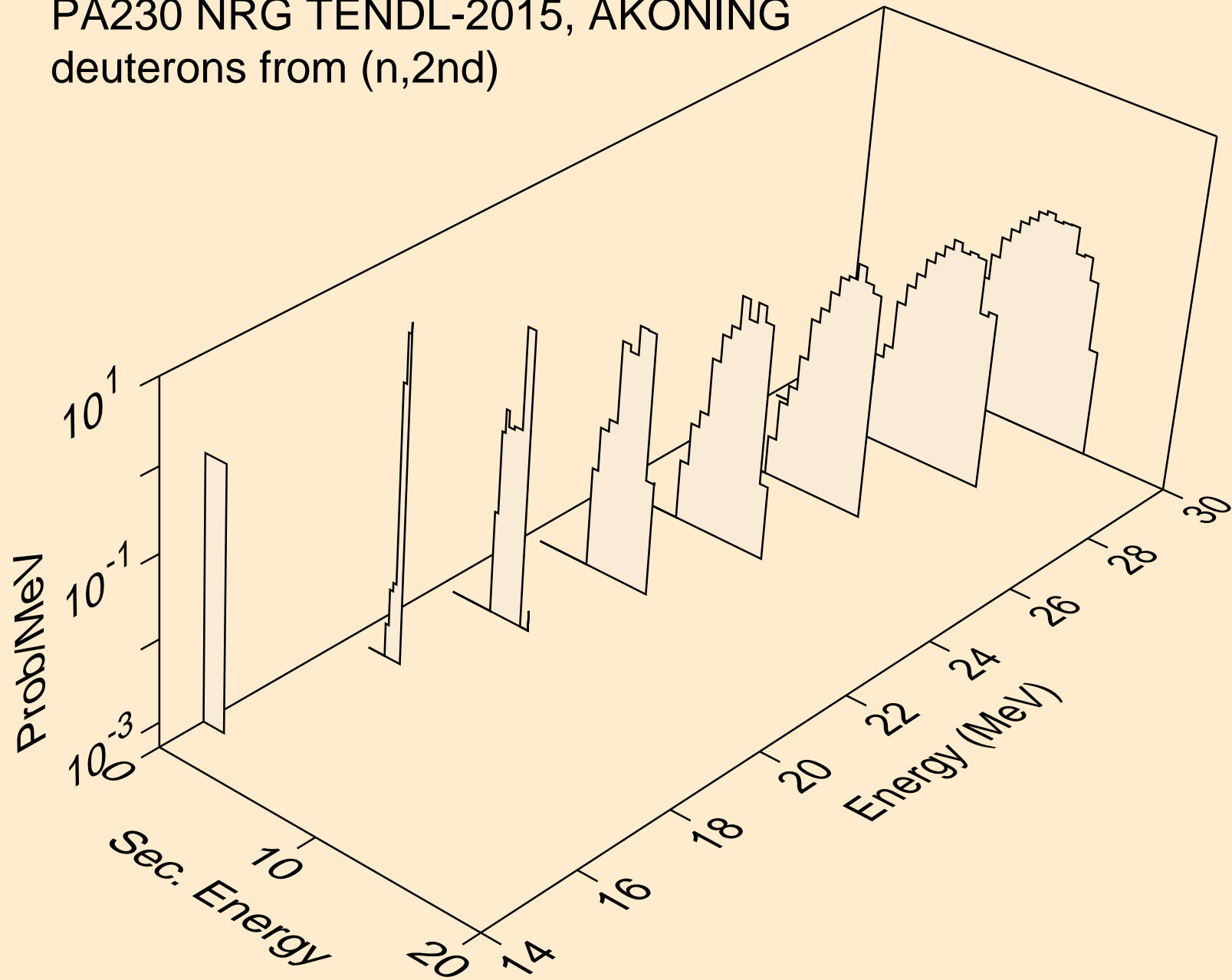


PA230 NRG TENDL-2015, AKONING  
deuterons from (n,x)

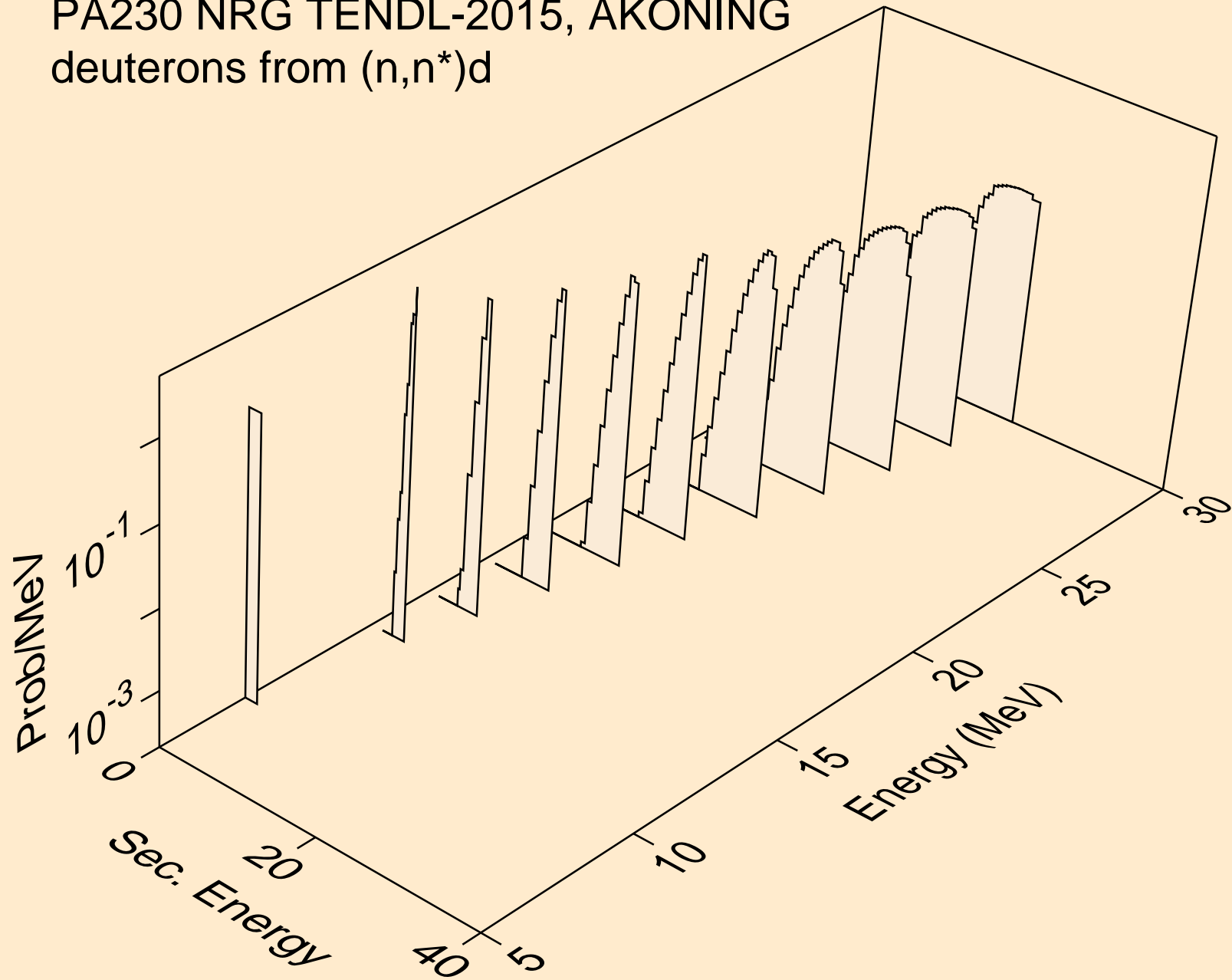




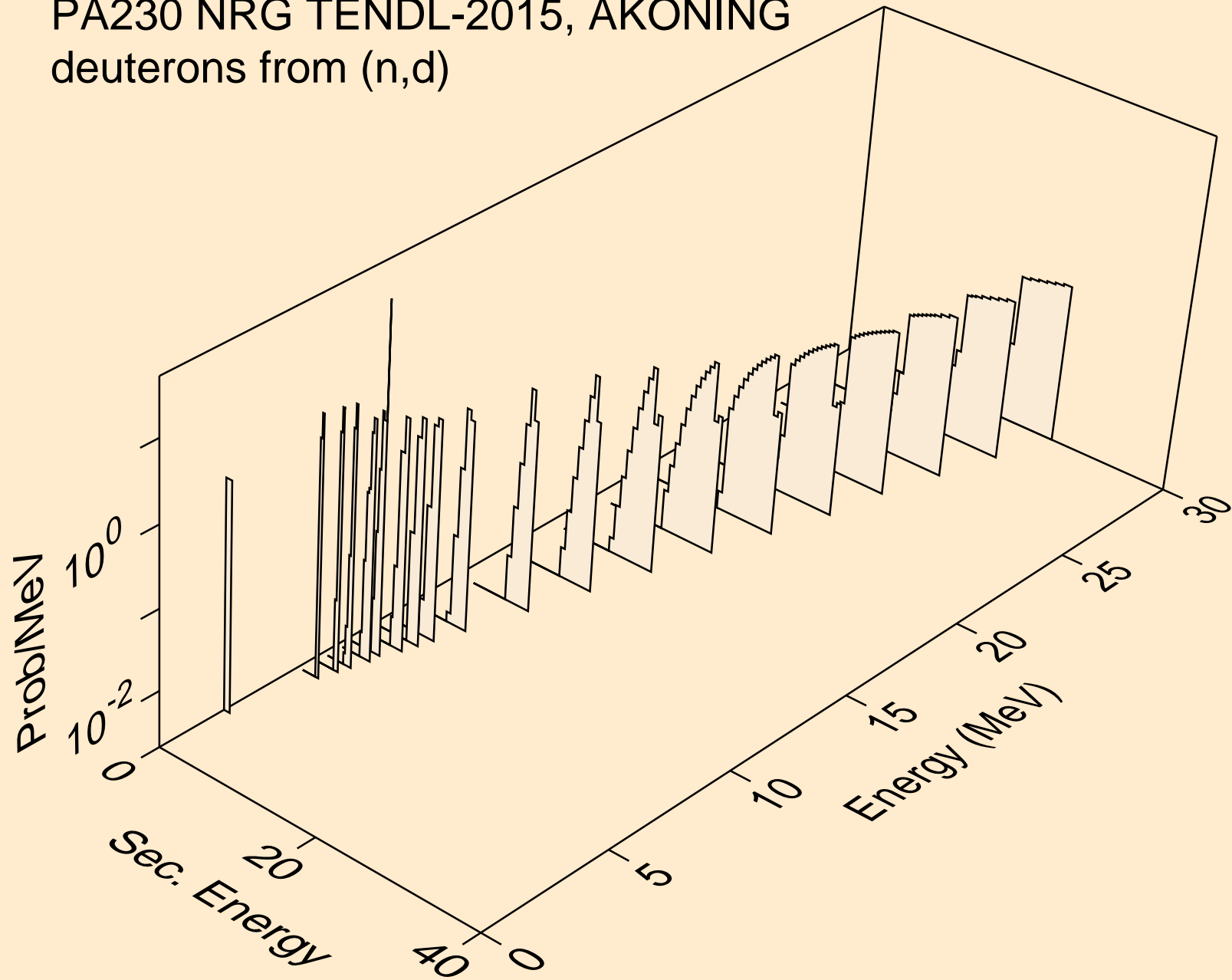
PA230 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



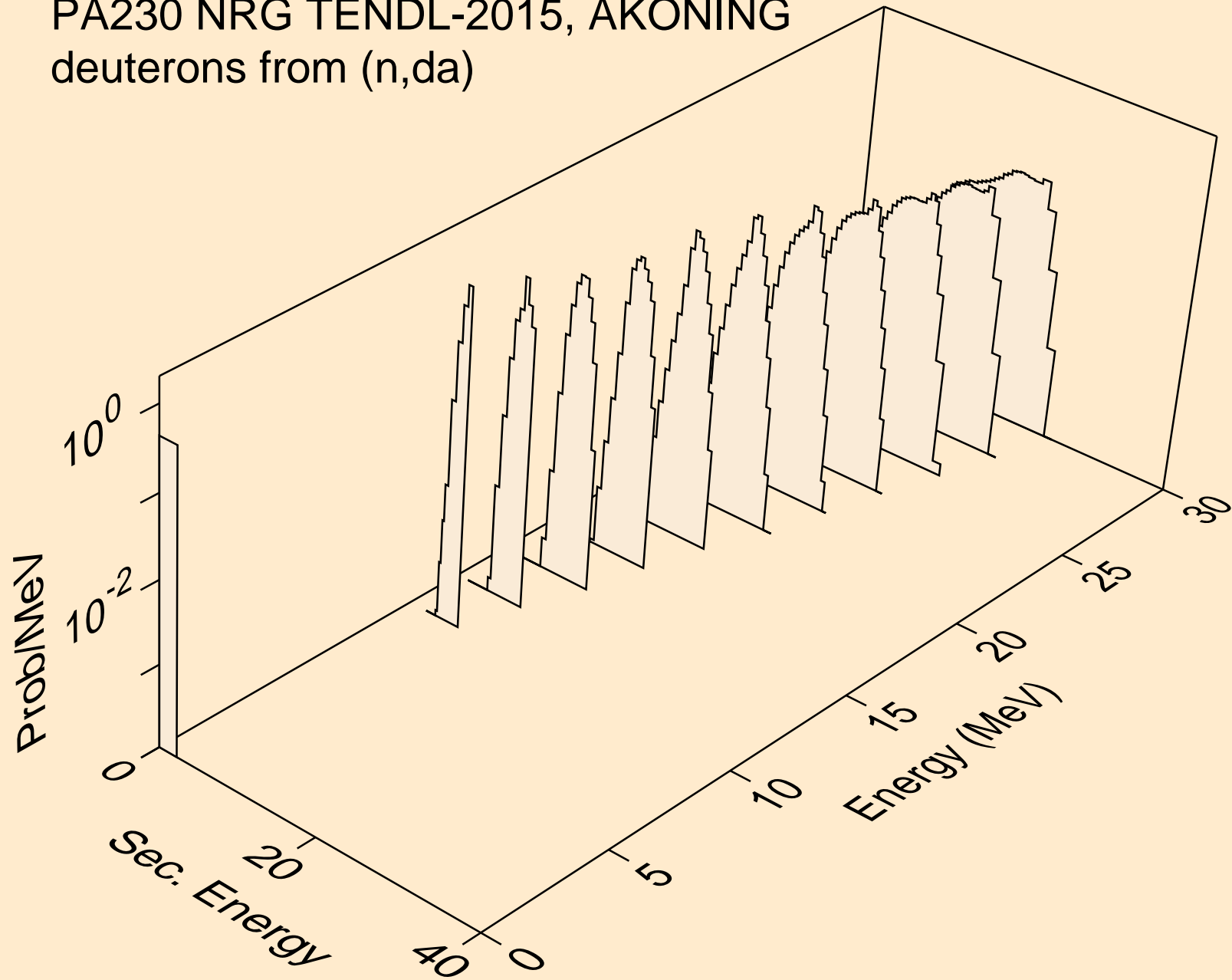
PA230 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



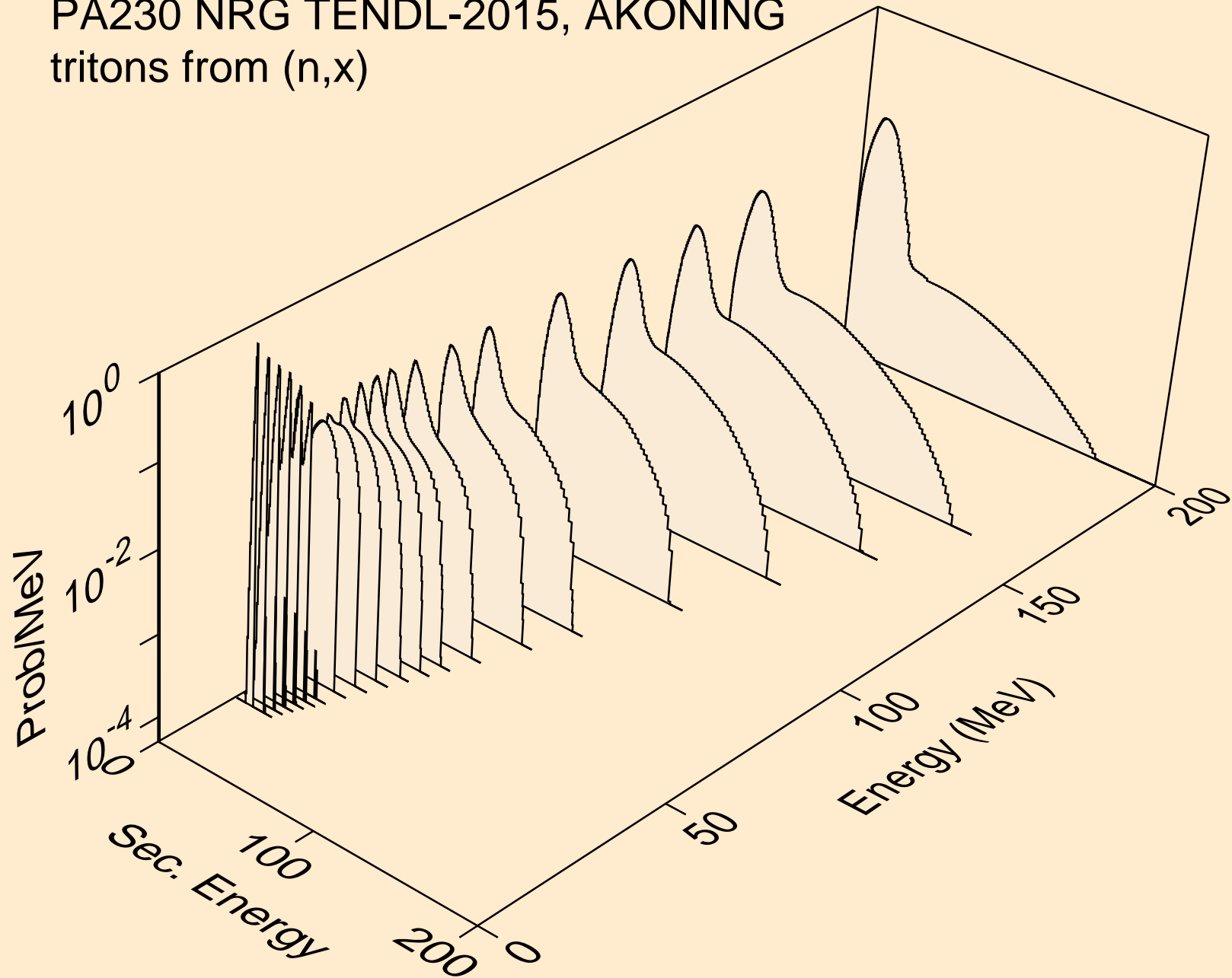
PA230 NRG TENDL-2015, AKONING  
deuterons from (n,d)



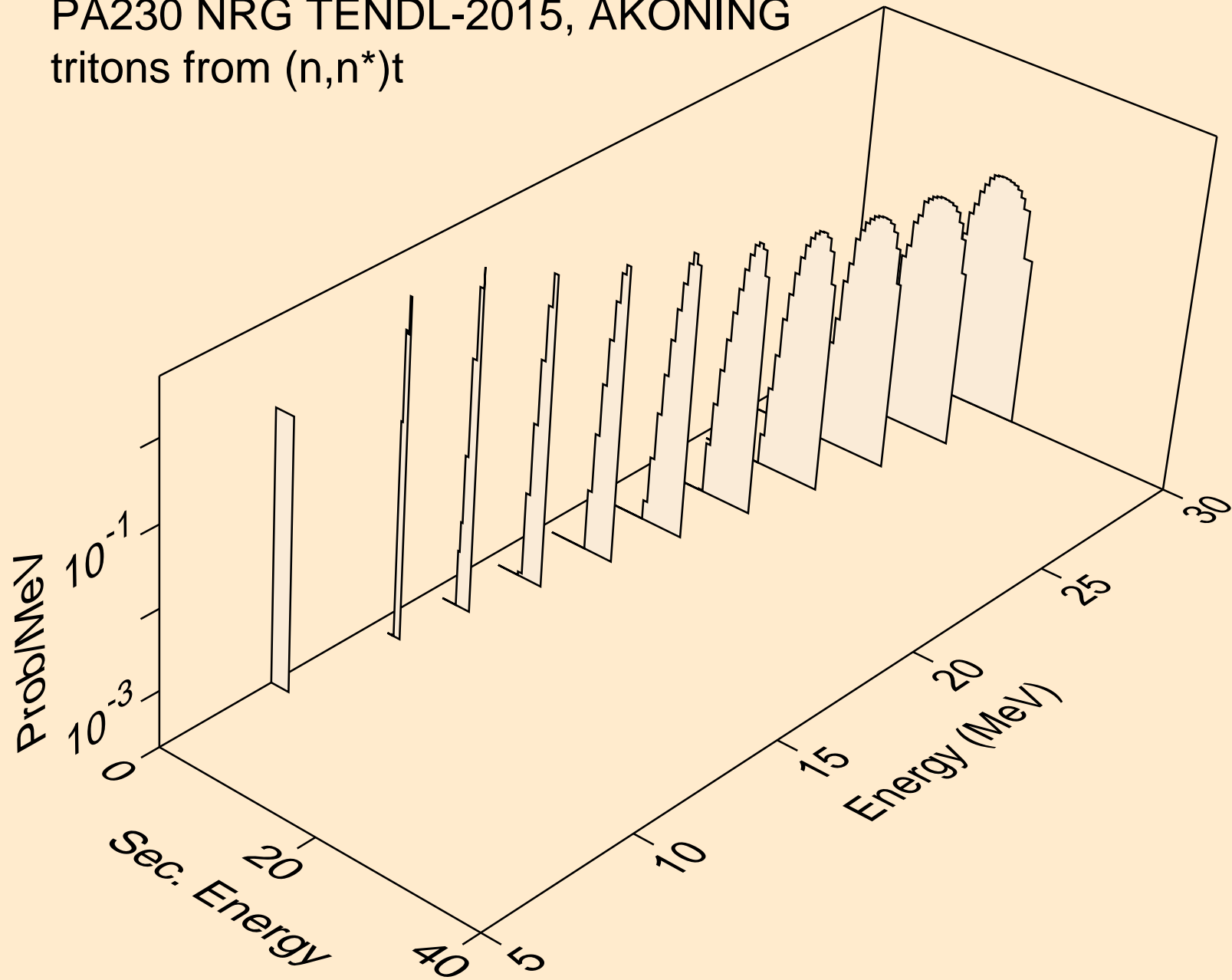
PA230 NRG TENDL-2015, AKONING  
deuterons from (n,da)



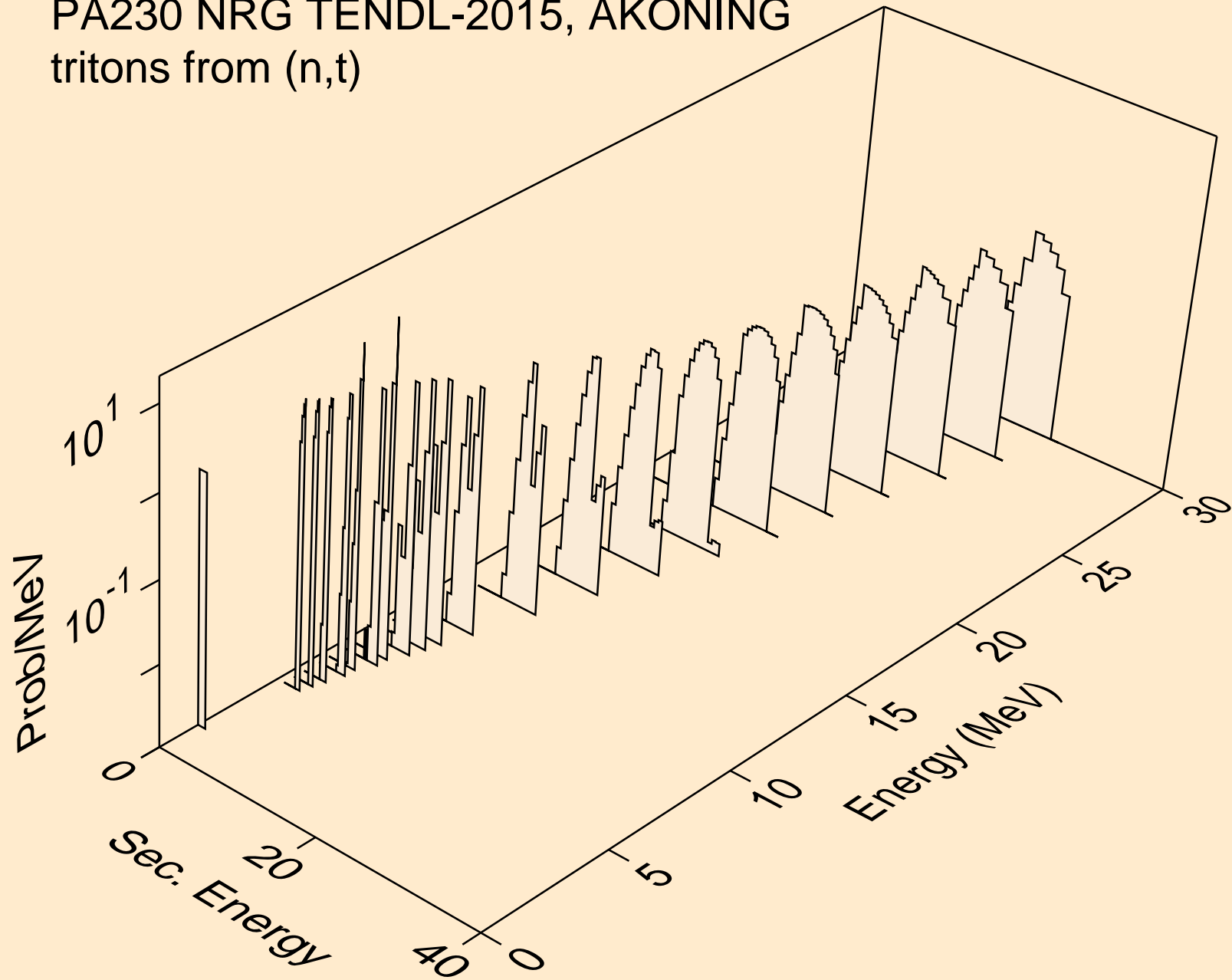
PA230 NRG TENDL-2015, AKONING  
tritons from (n,x)



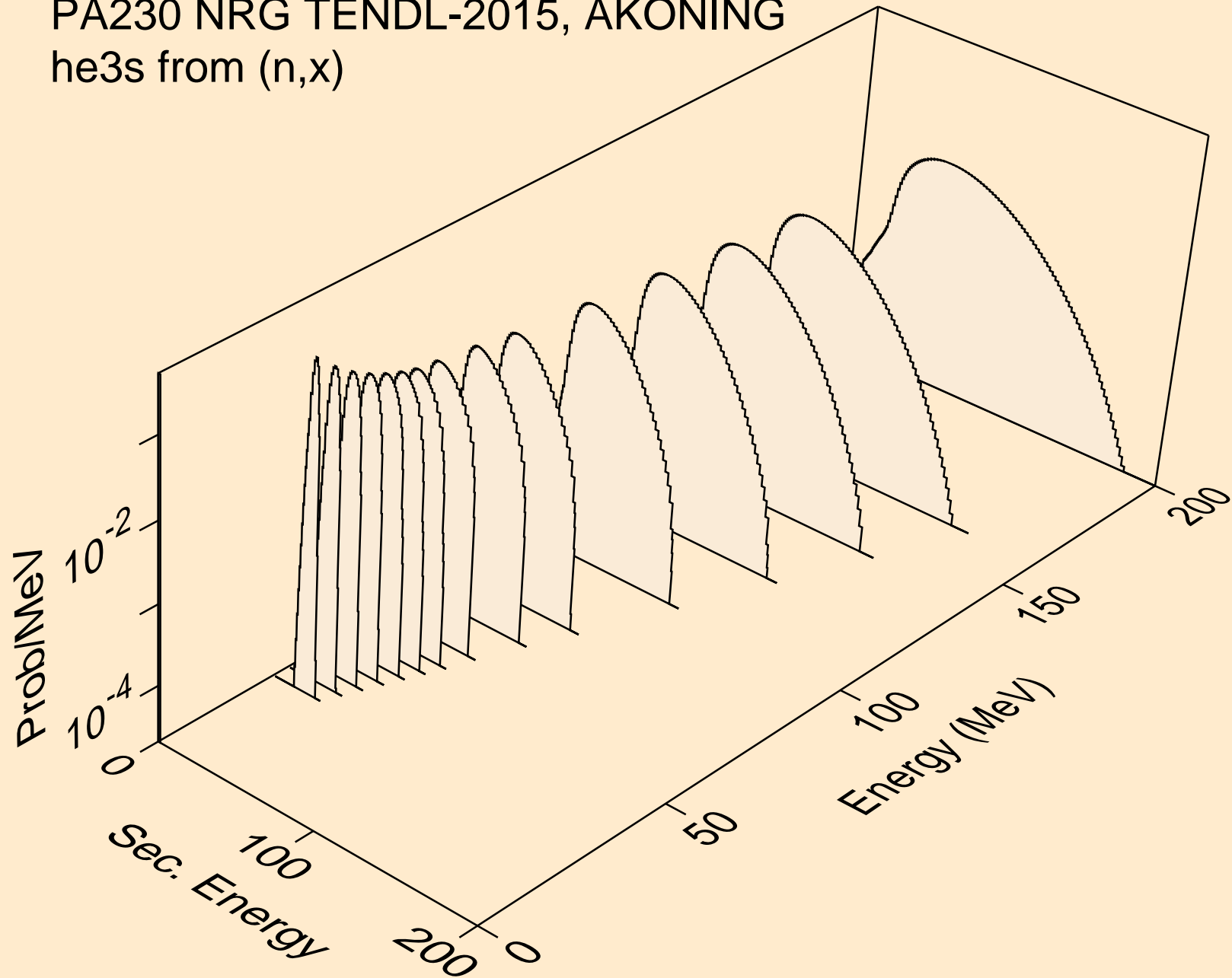
PA230 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



PA230 NRG TENDL-2015, AKONING  
tritons from (n,t)

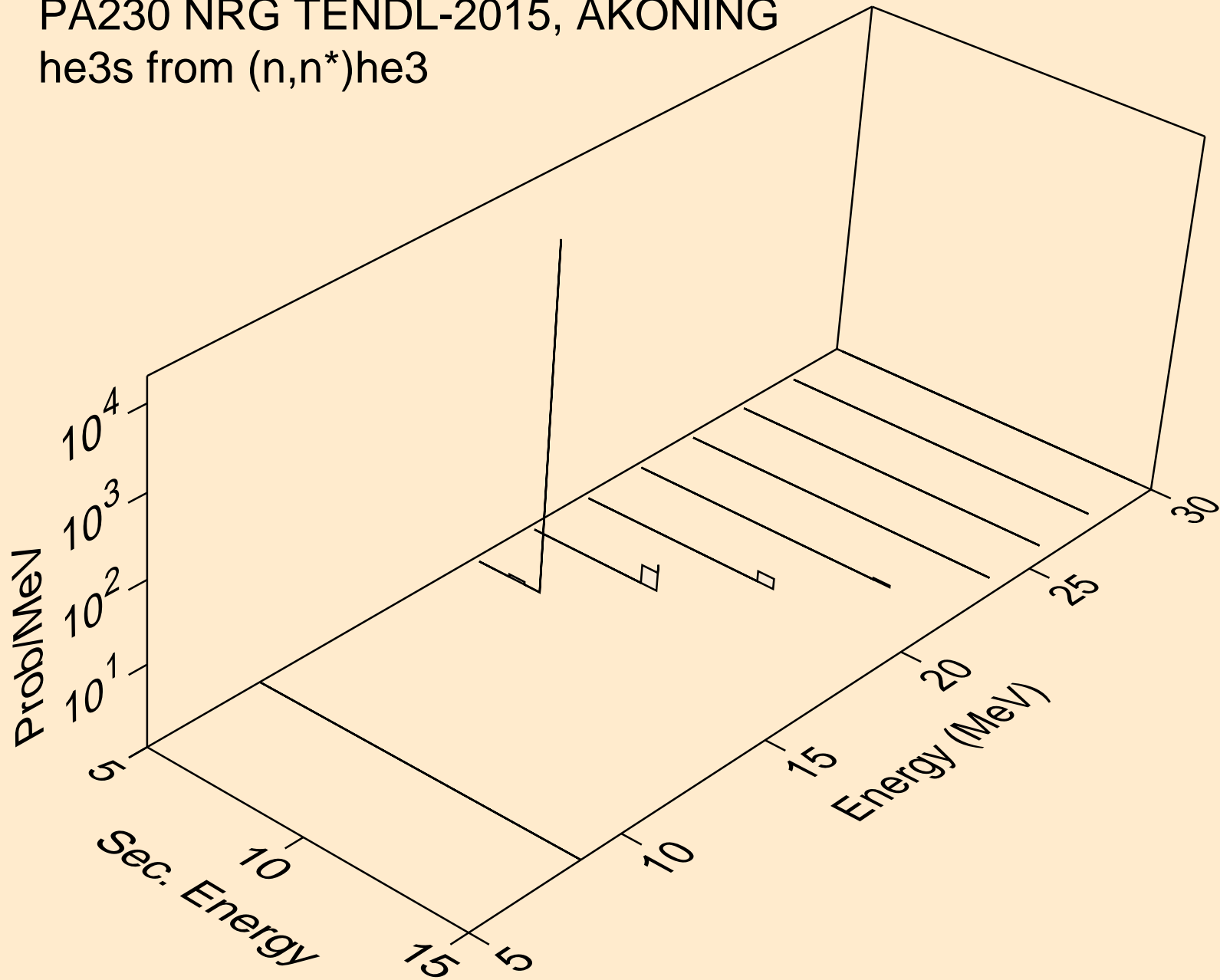


PA230 NRG TENDL-2015, AKONING  
he3s from (n,x)

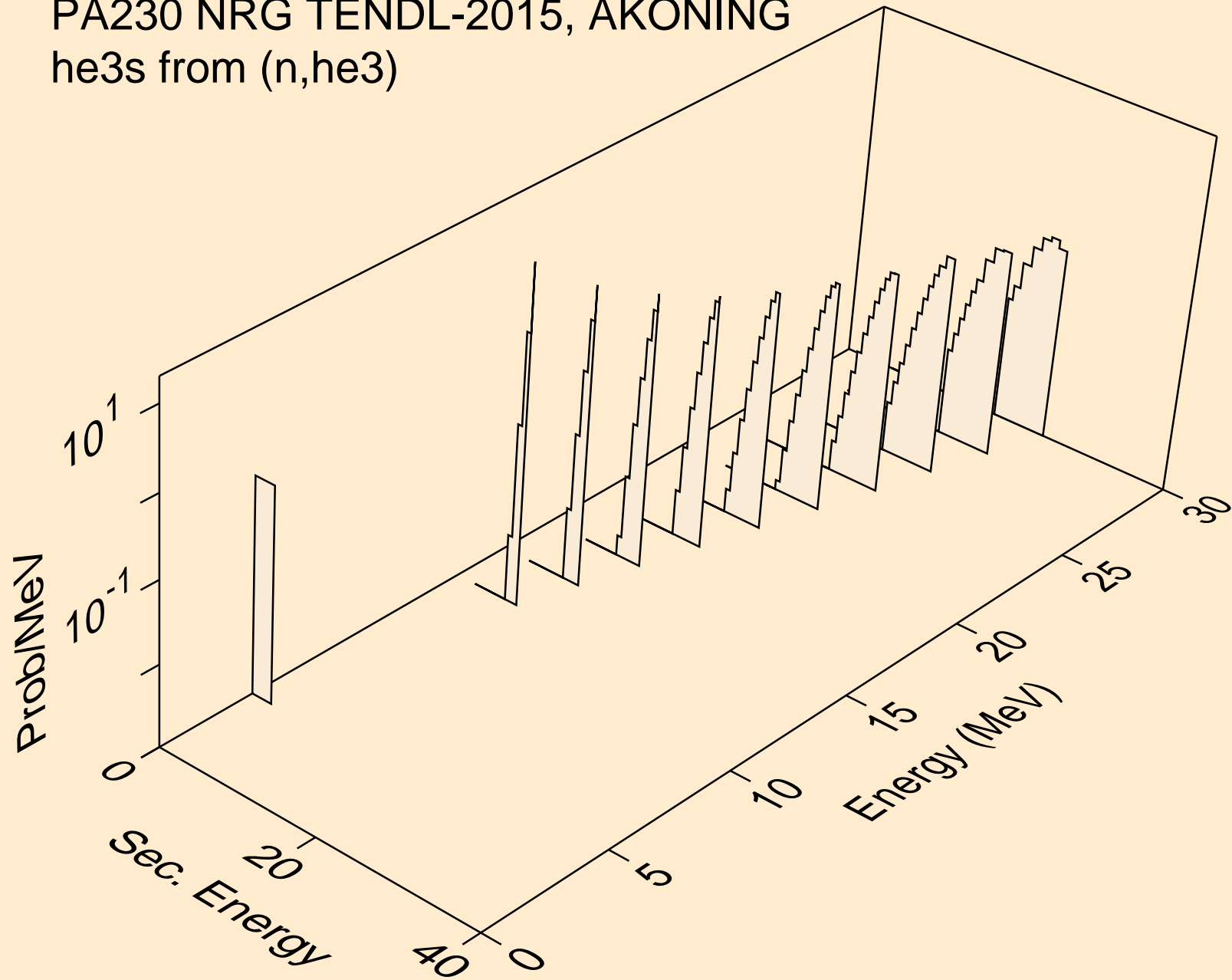




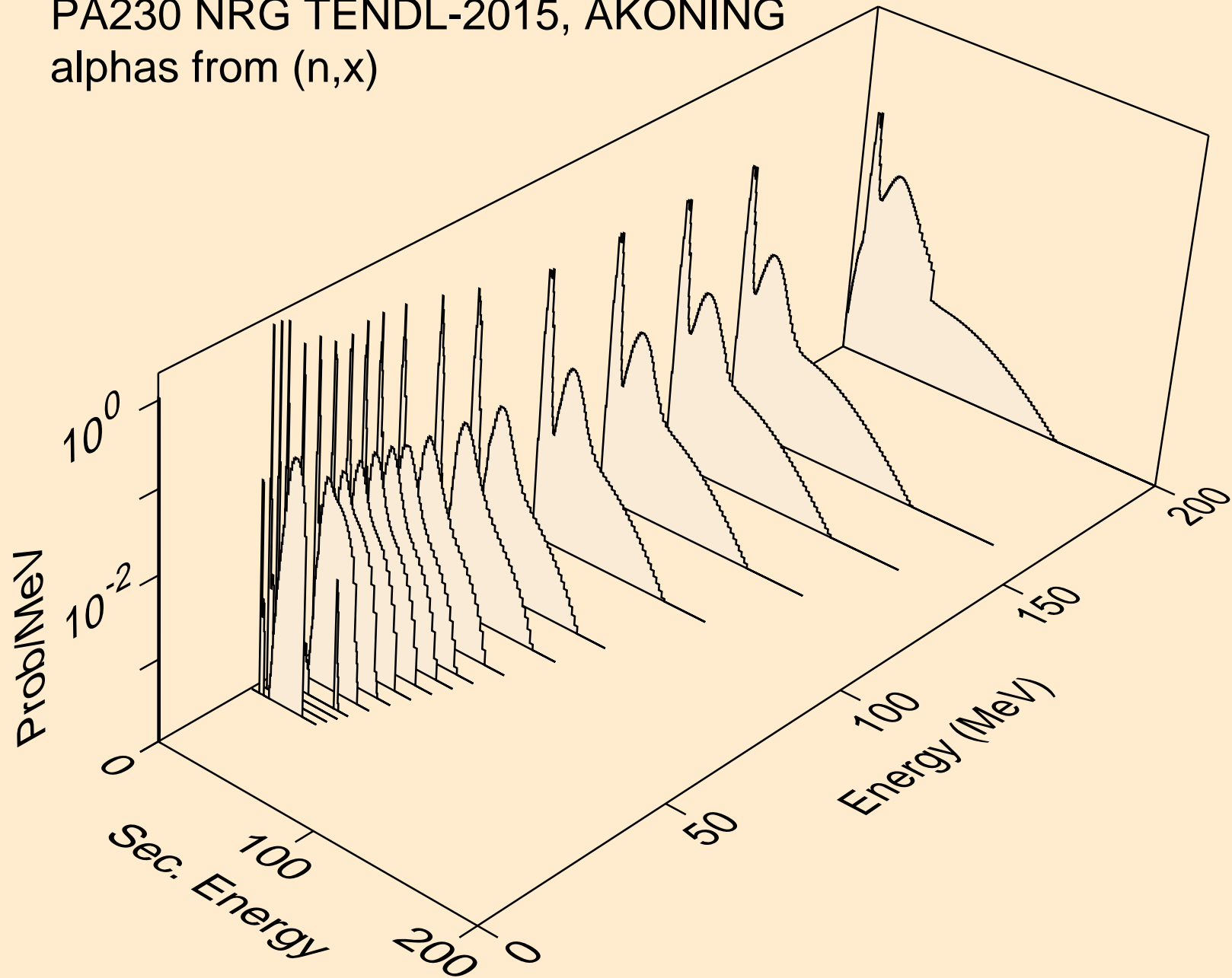
PA230 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



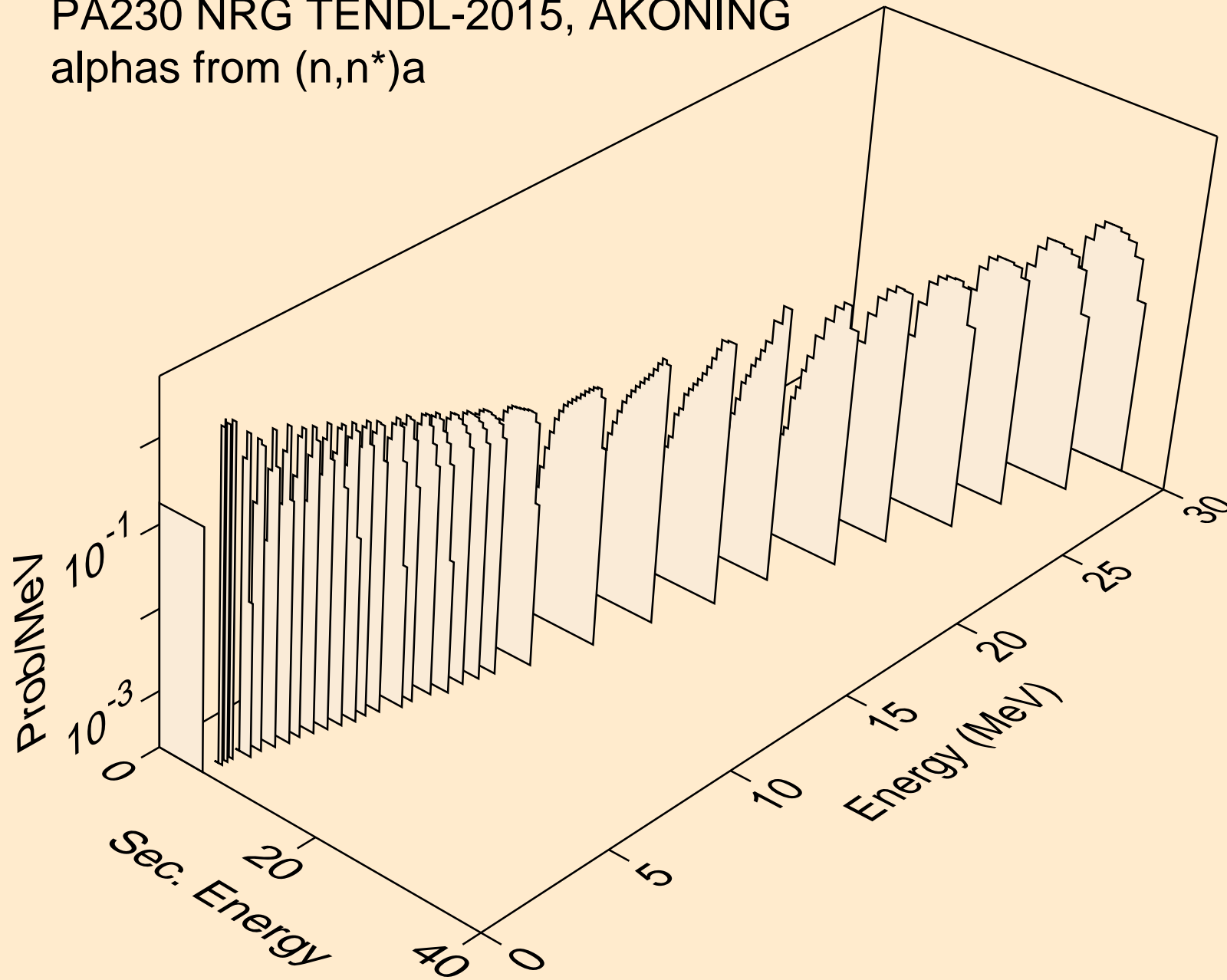
PA230 NRG TENDL-2015, AKONING  
he3s from (n,he3)



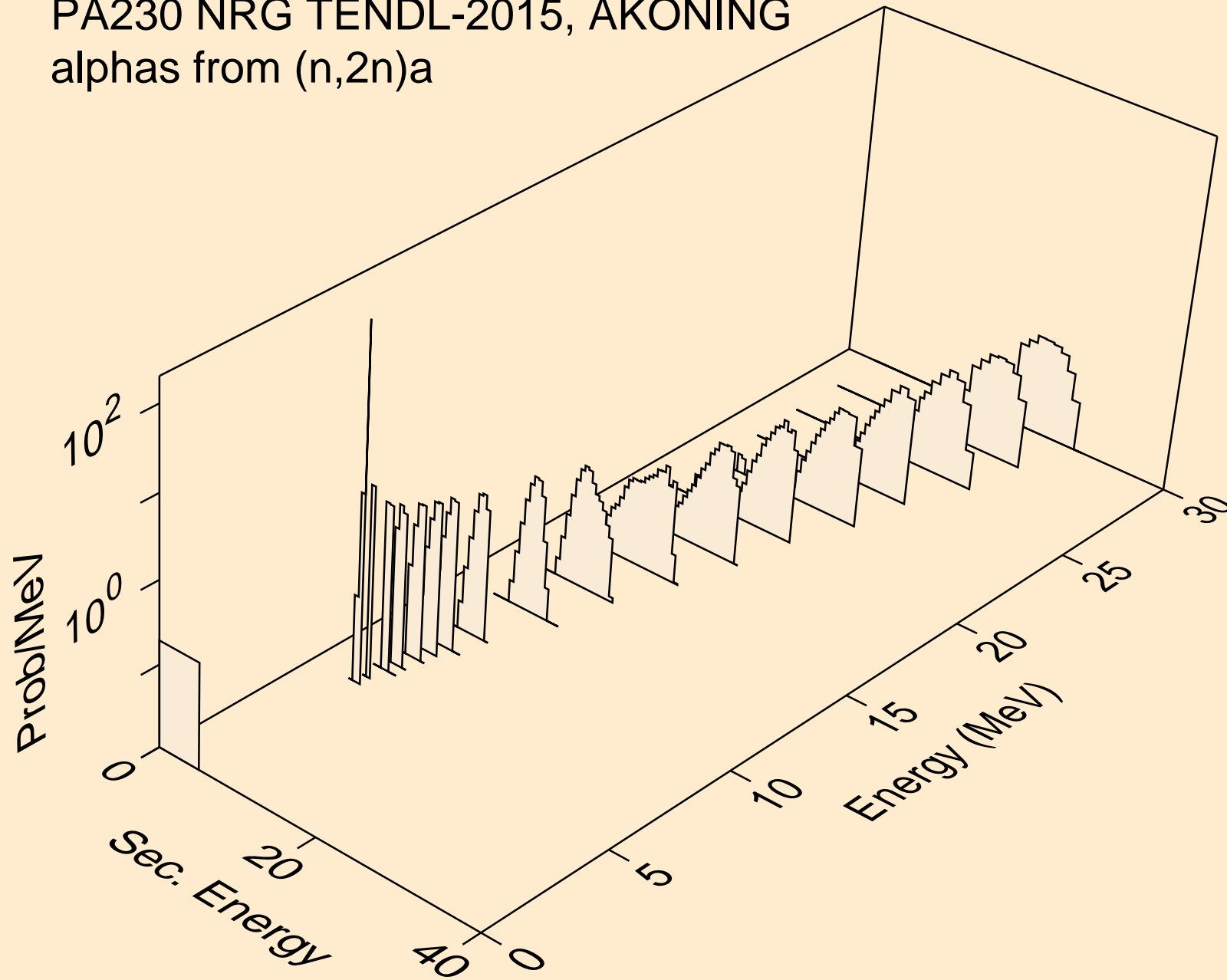
PA230 NRG TENDL-2015, AKONING  
alphas from (n,x)



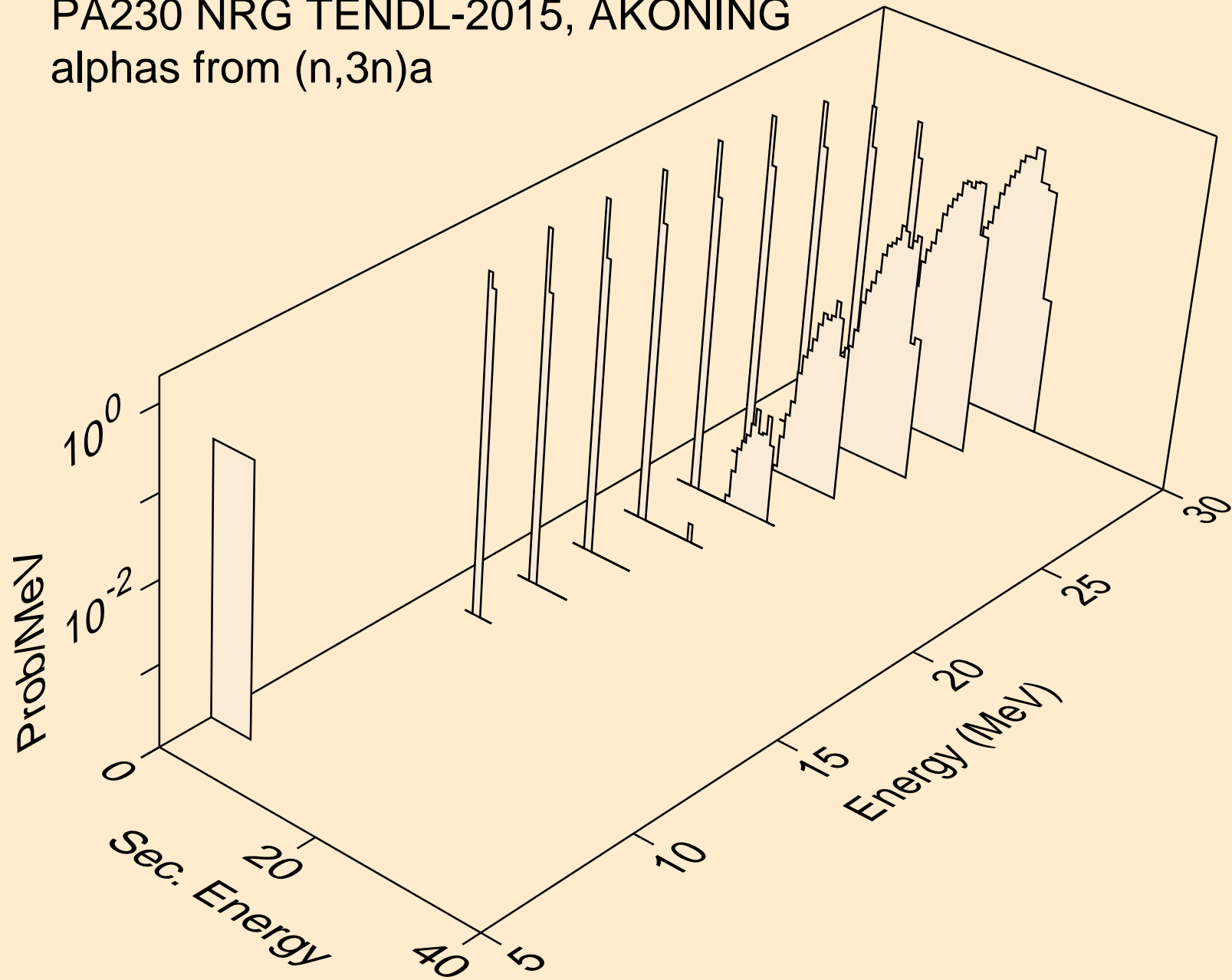
PA230 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



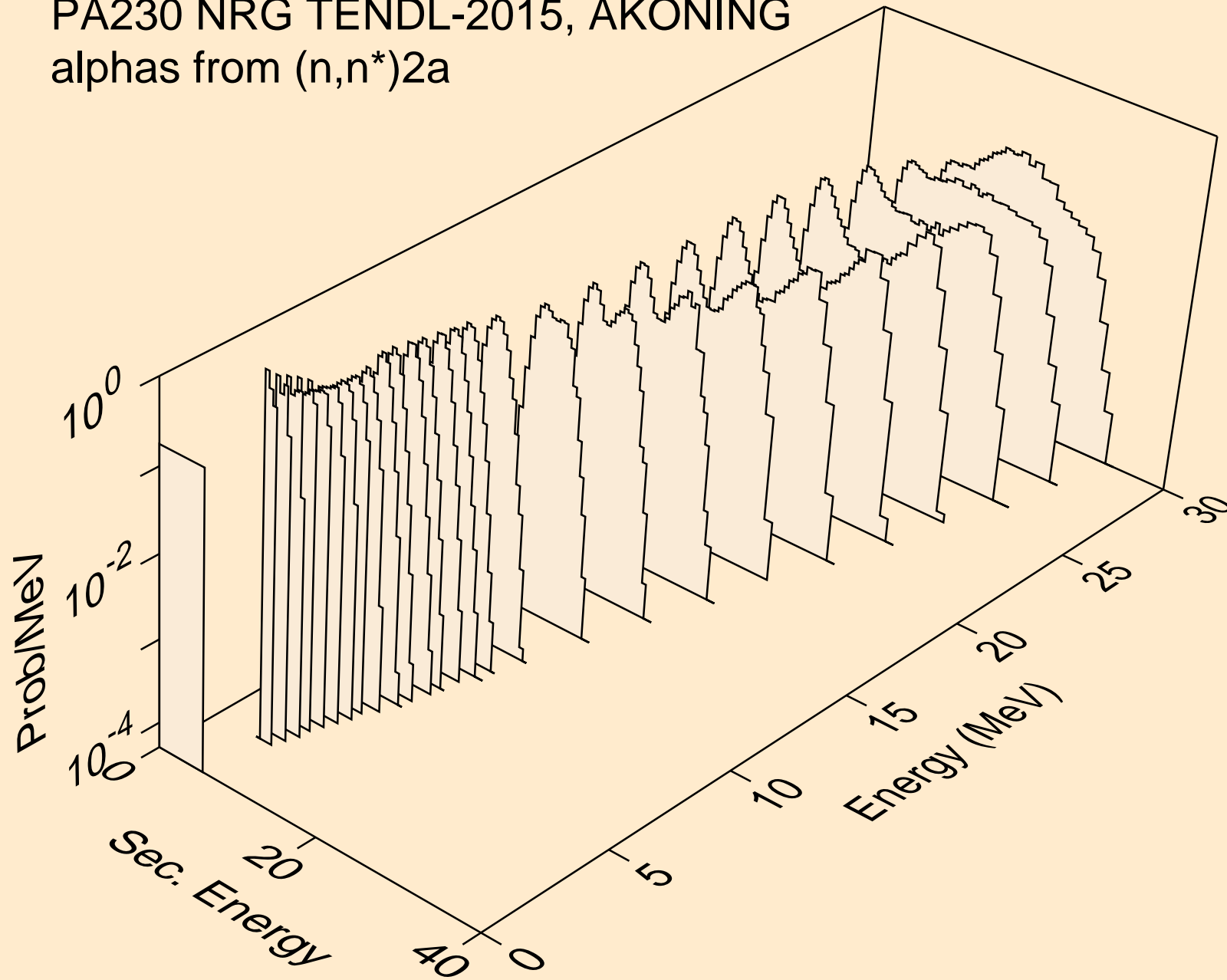
PA230 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



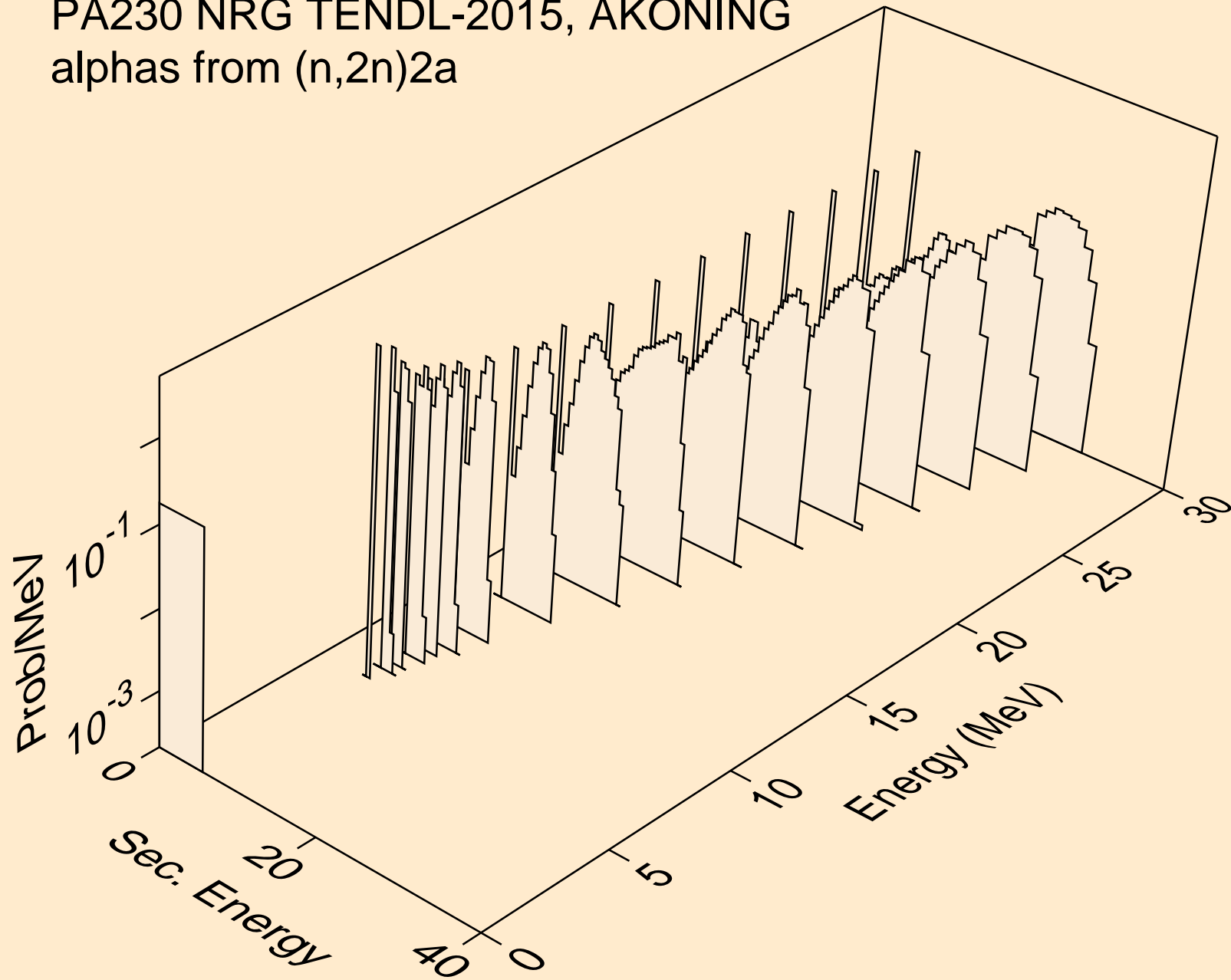
PA230 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



PA230 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

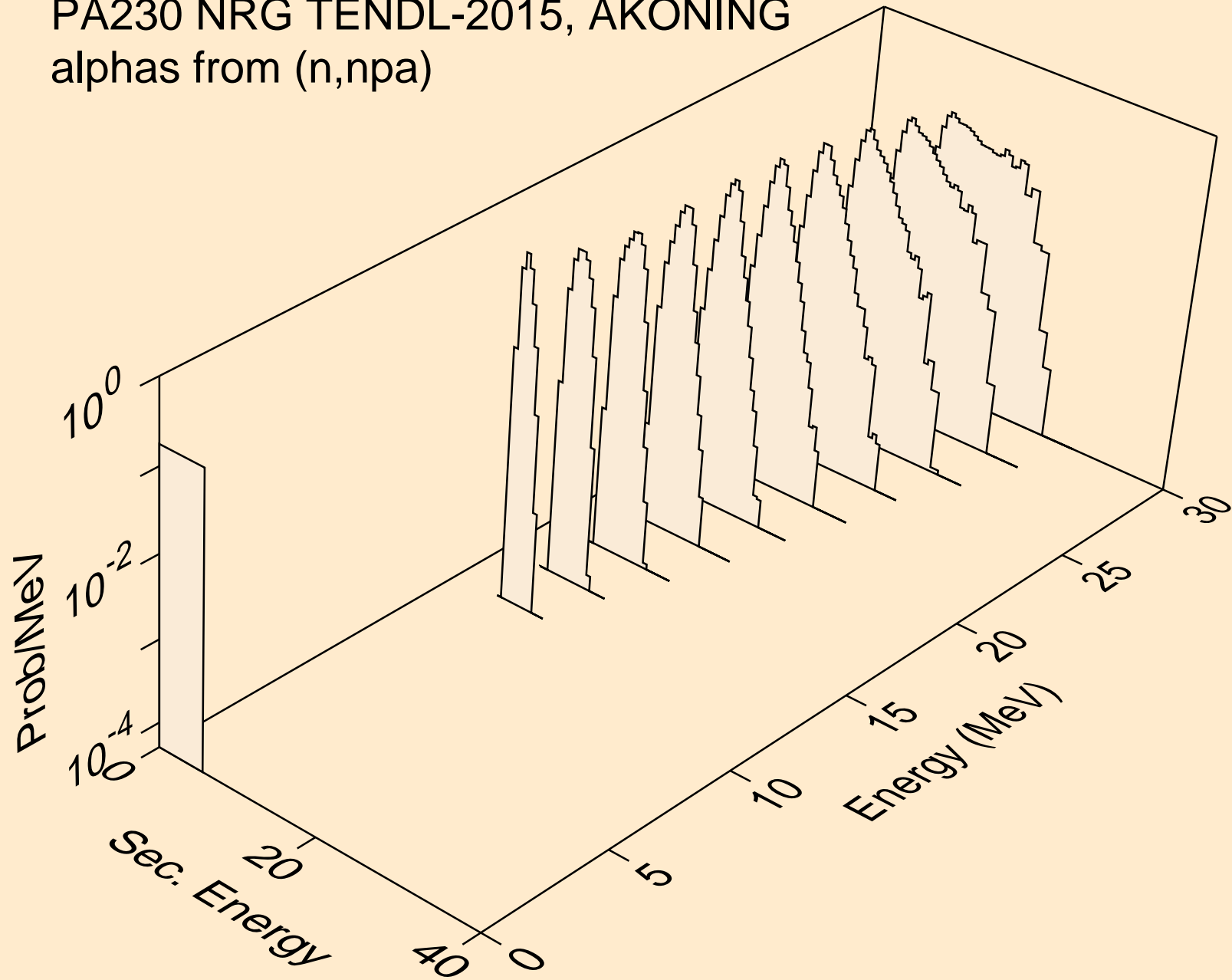


PA230 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

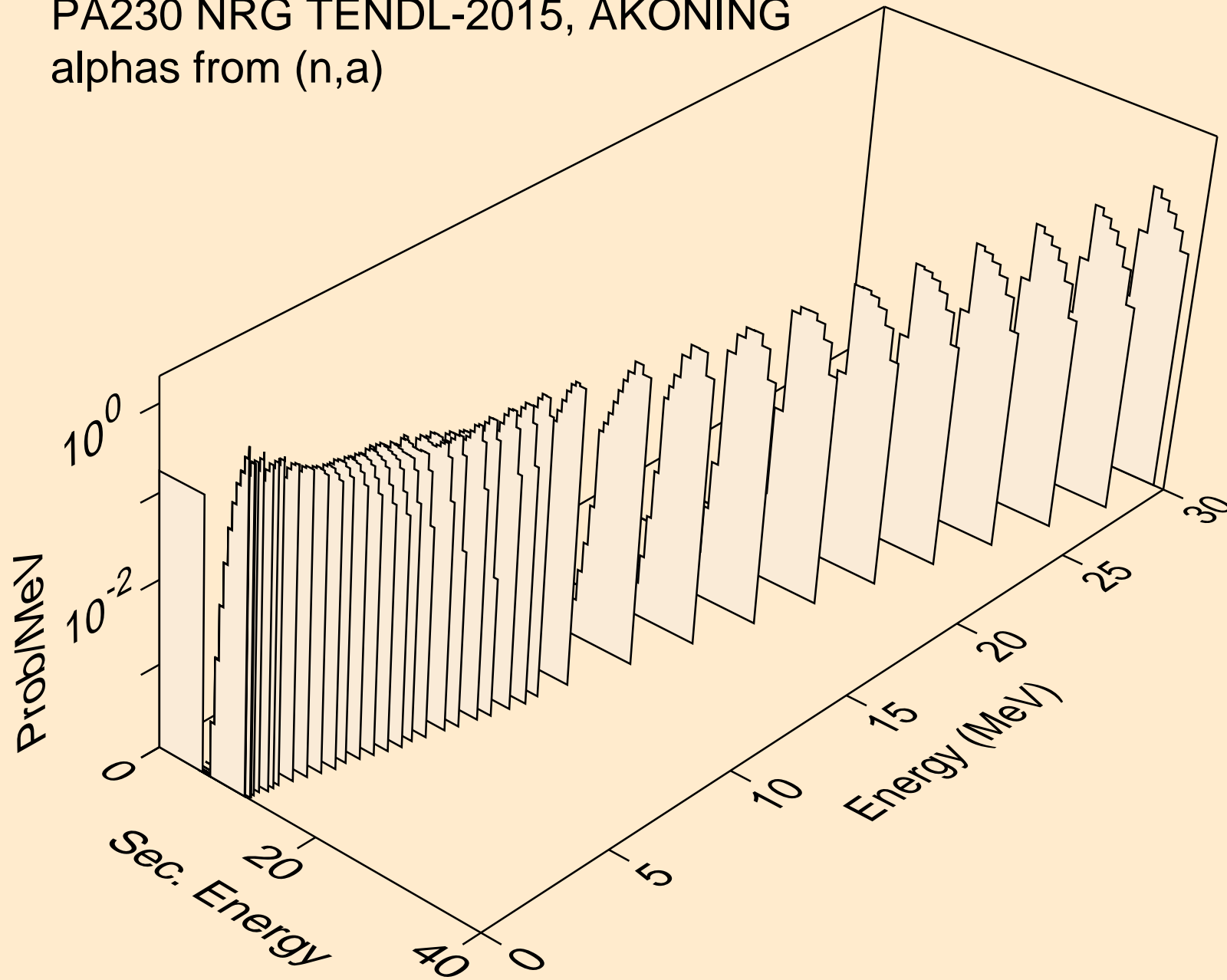




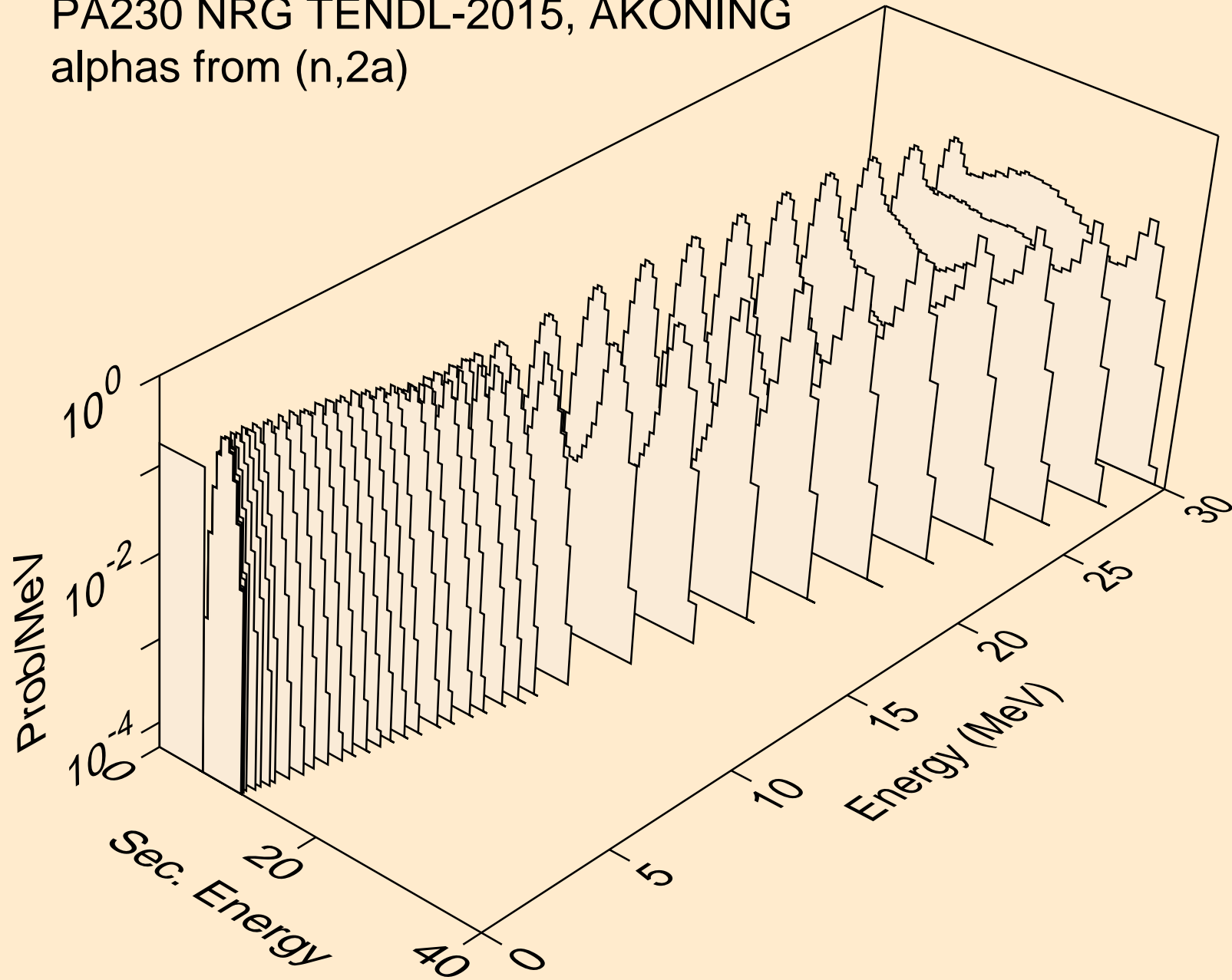
PA230 NRG TENDL-2015, AKONING  
alphas from (n,npa)



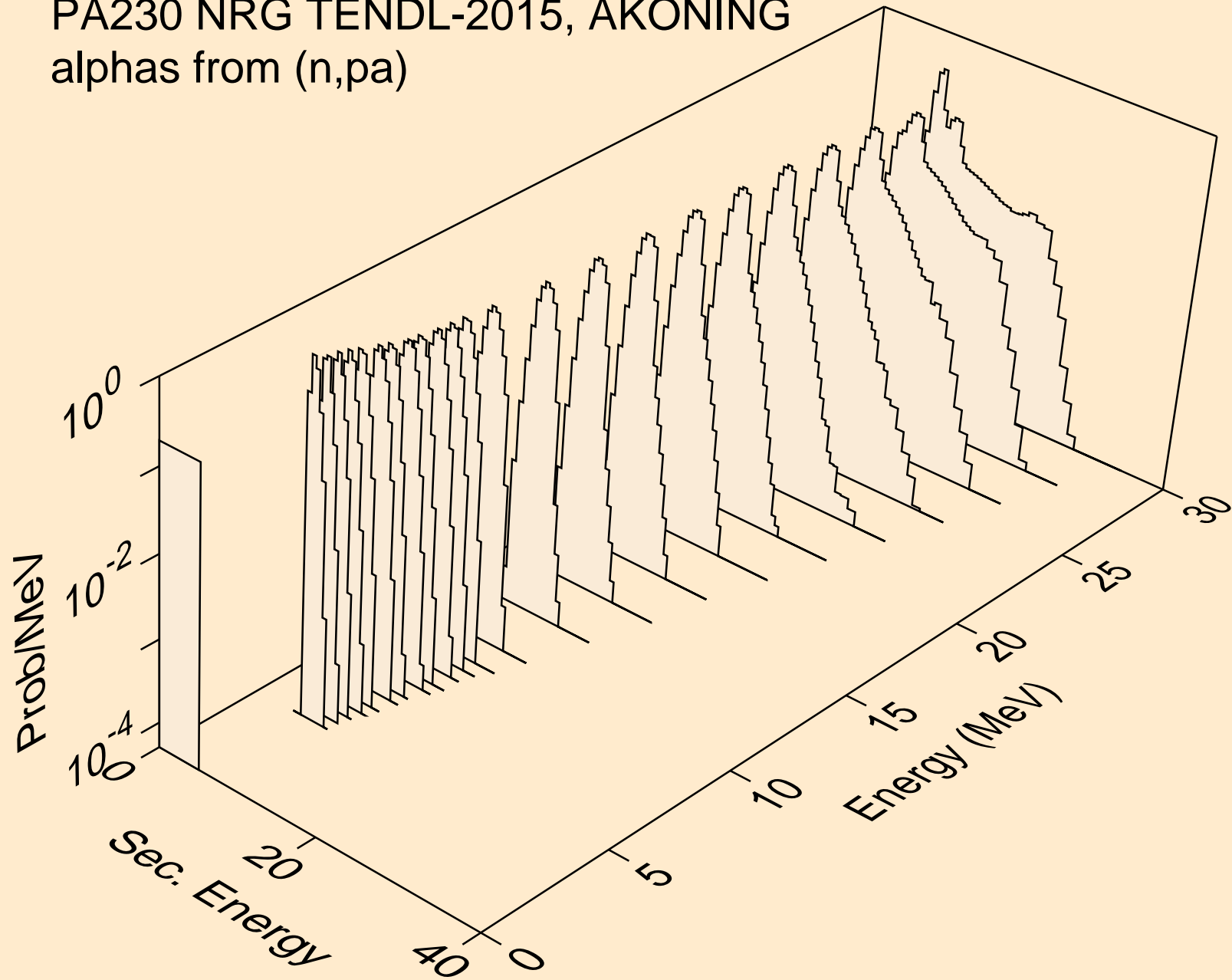
PA230 NRG TENDL-2015, AKONING  
alphas from (n,a)



PA230 NRG TENDL-2015, AKONING  
alphas from (n,2a)



PA230 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PA230 NRG TENDL-2015, AKONING  
alphas from (n,da)

