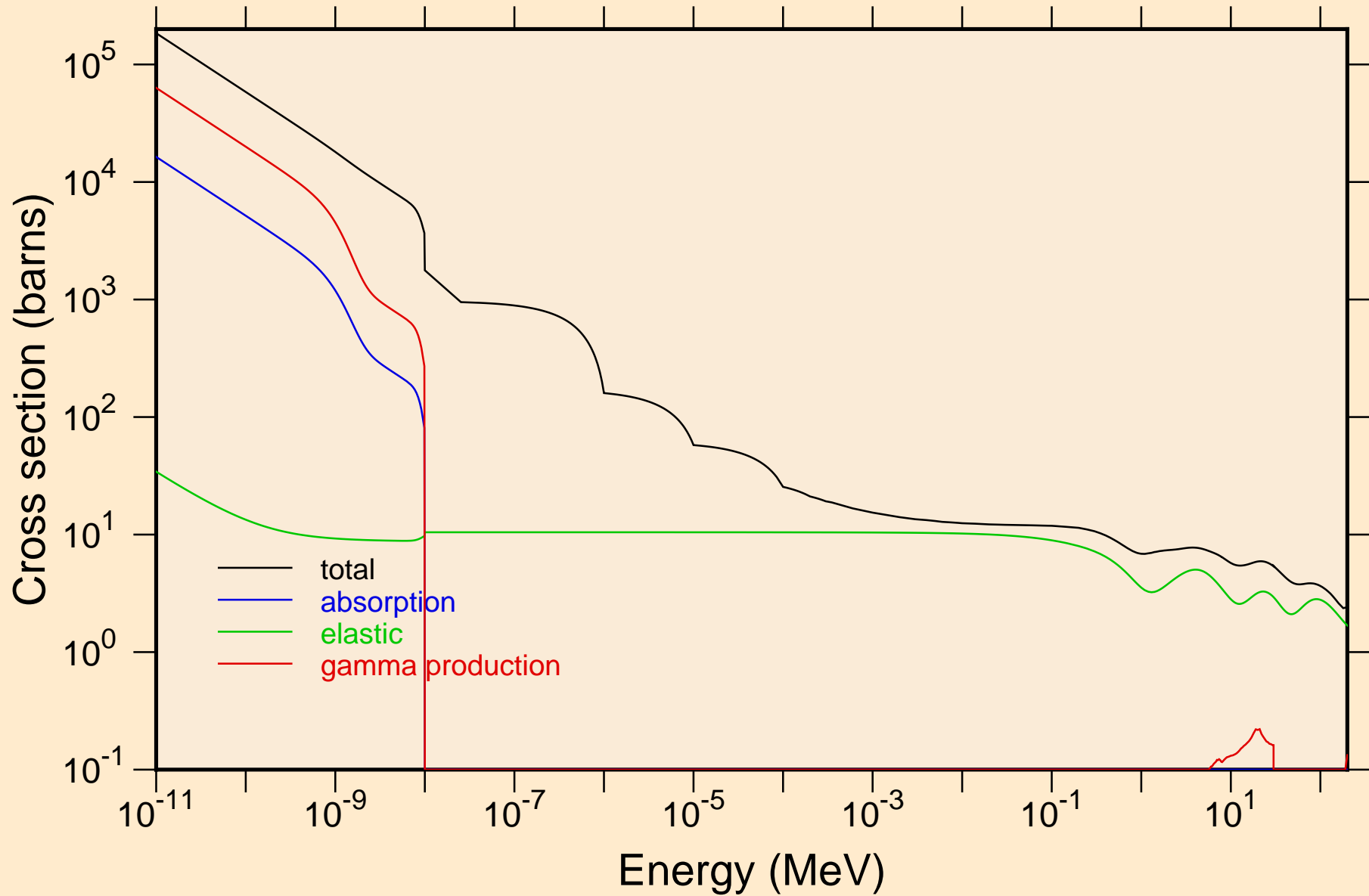


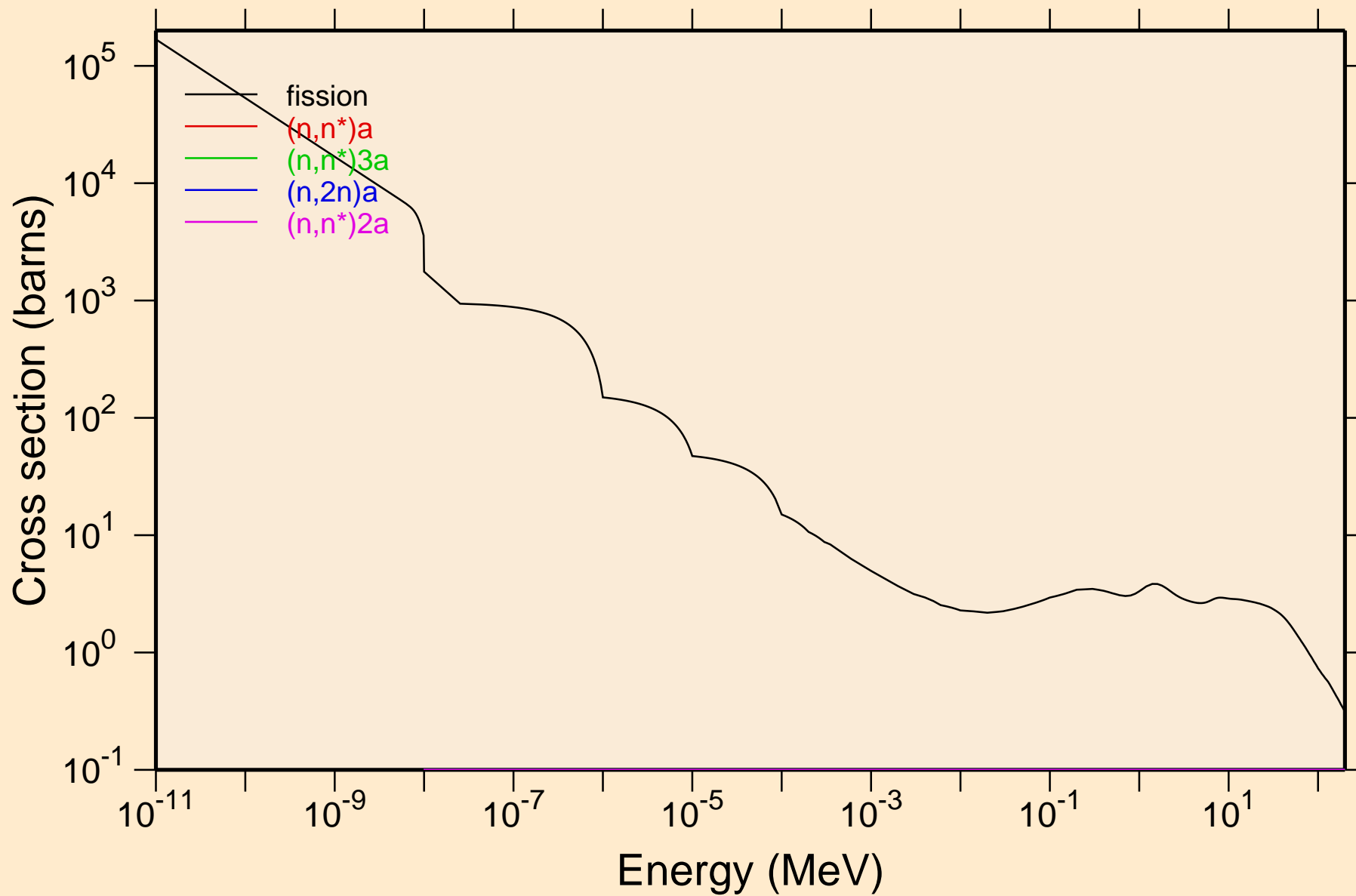
# AM230 NRG TENDL-2015, AKONING

## Principal cross sections



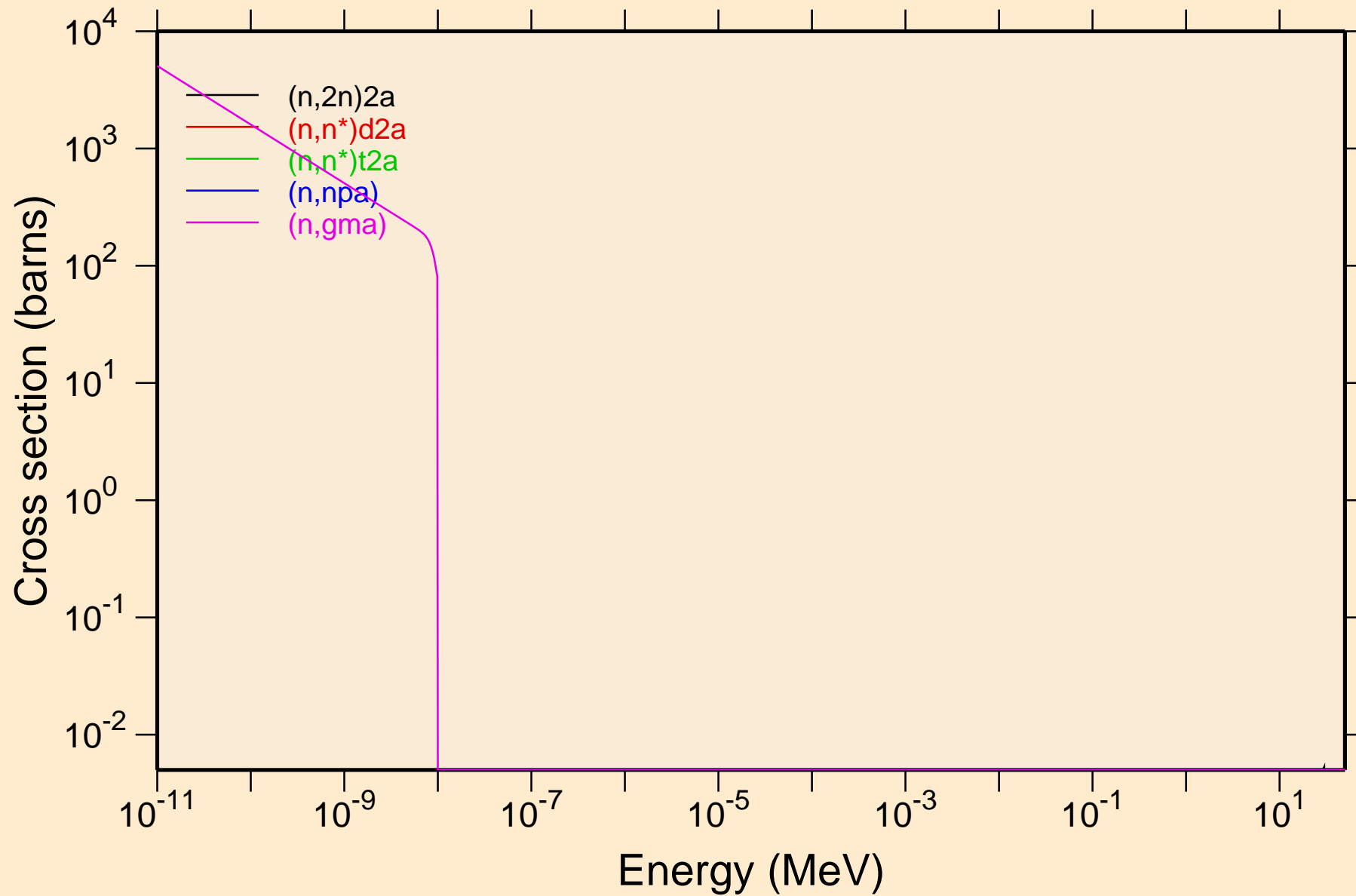
# AM230 NRG TENDL-2015, AKONING

## Non-threshold reactions



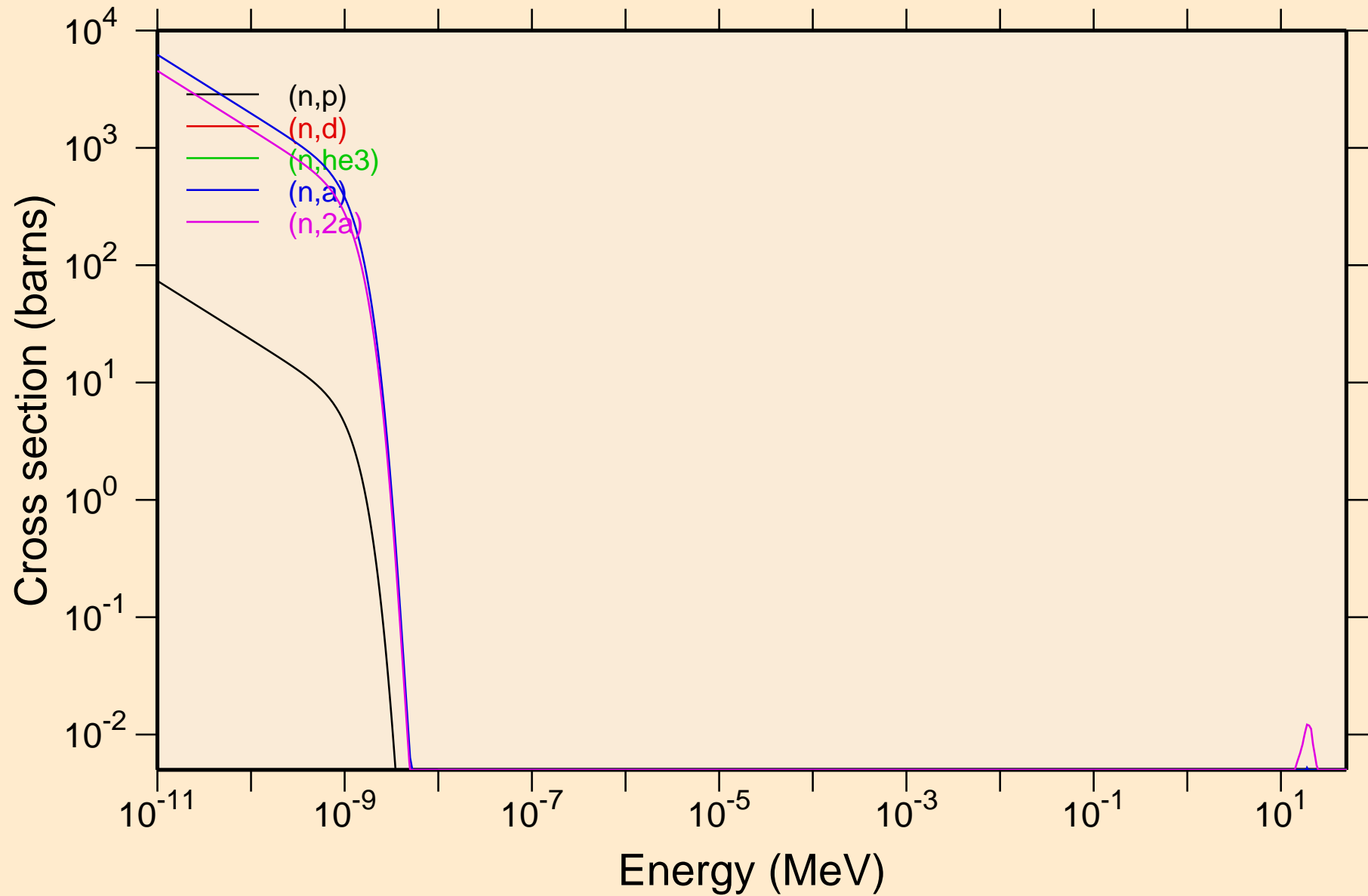
# AM230 NRG TENDL-2015, AKONING

## Non-threshold reactions



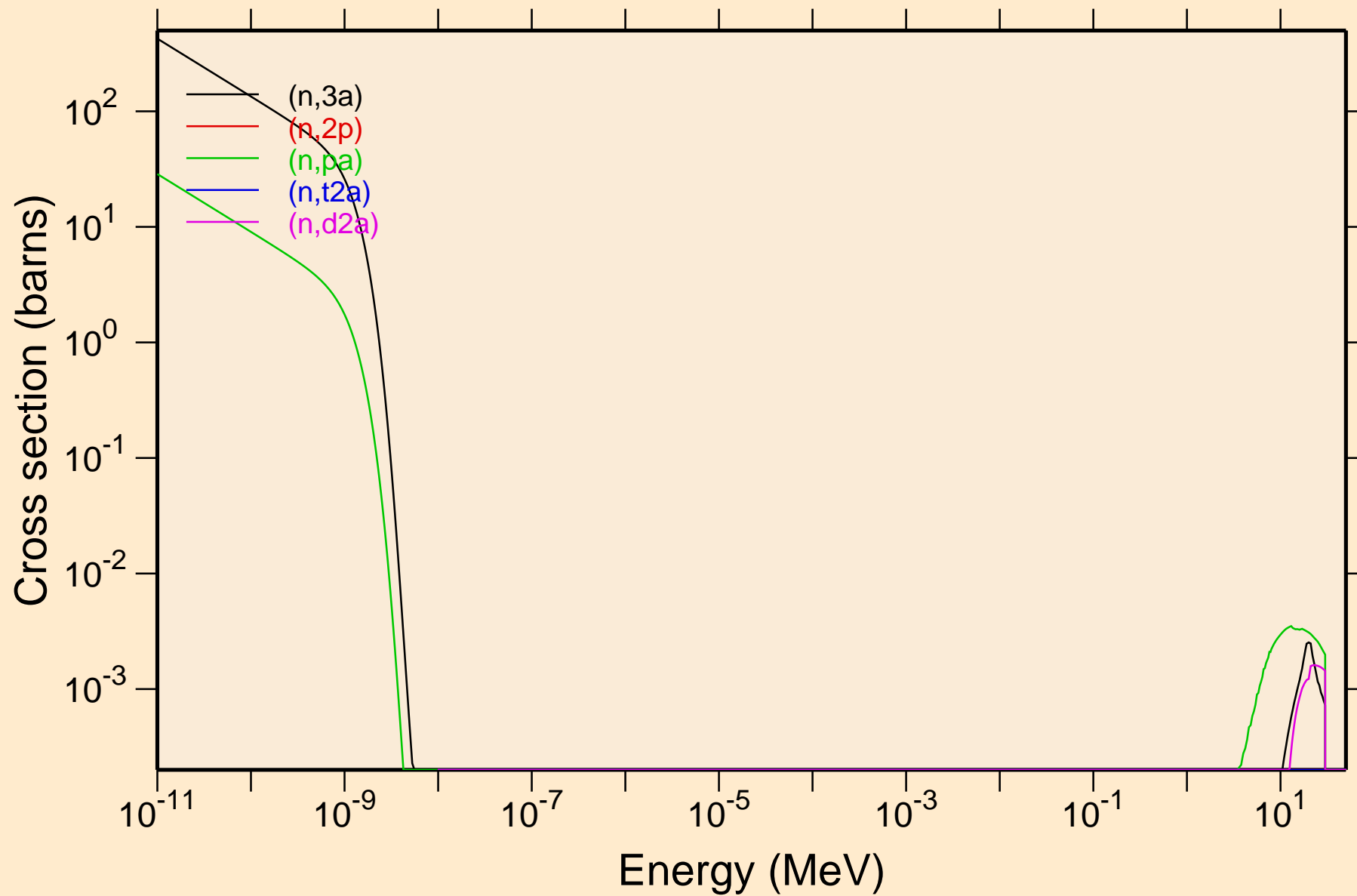
# AM230 NRG TENDL-2015, AKONING

## Non-threshold reactions

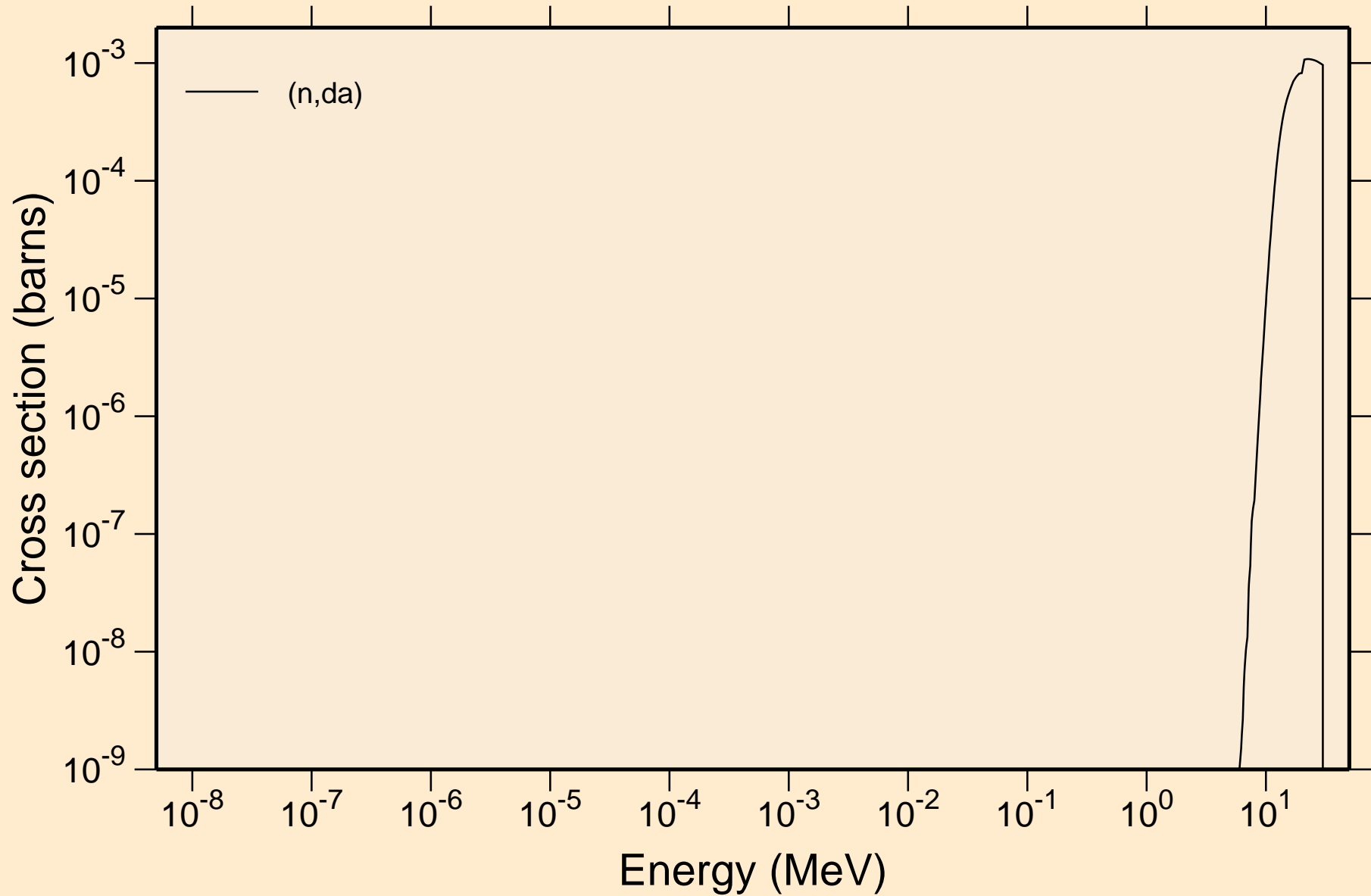


# AM230 NRG TENDL-2015, AKONING

## Non-threshold reactions

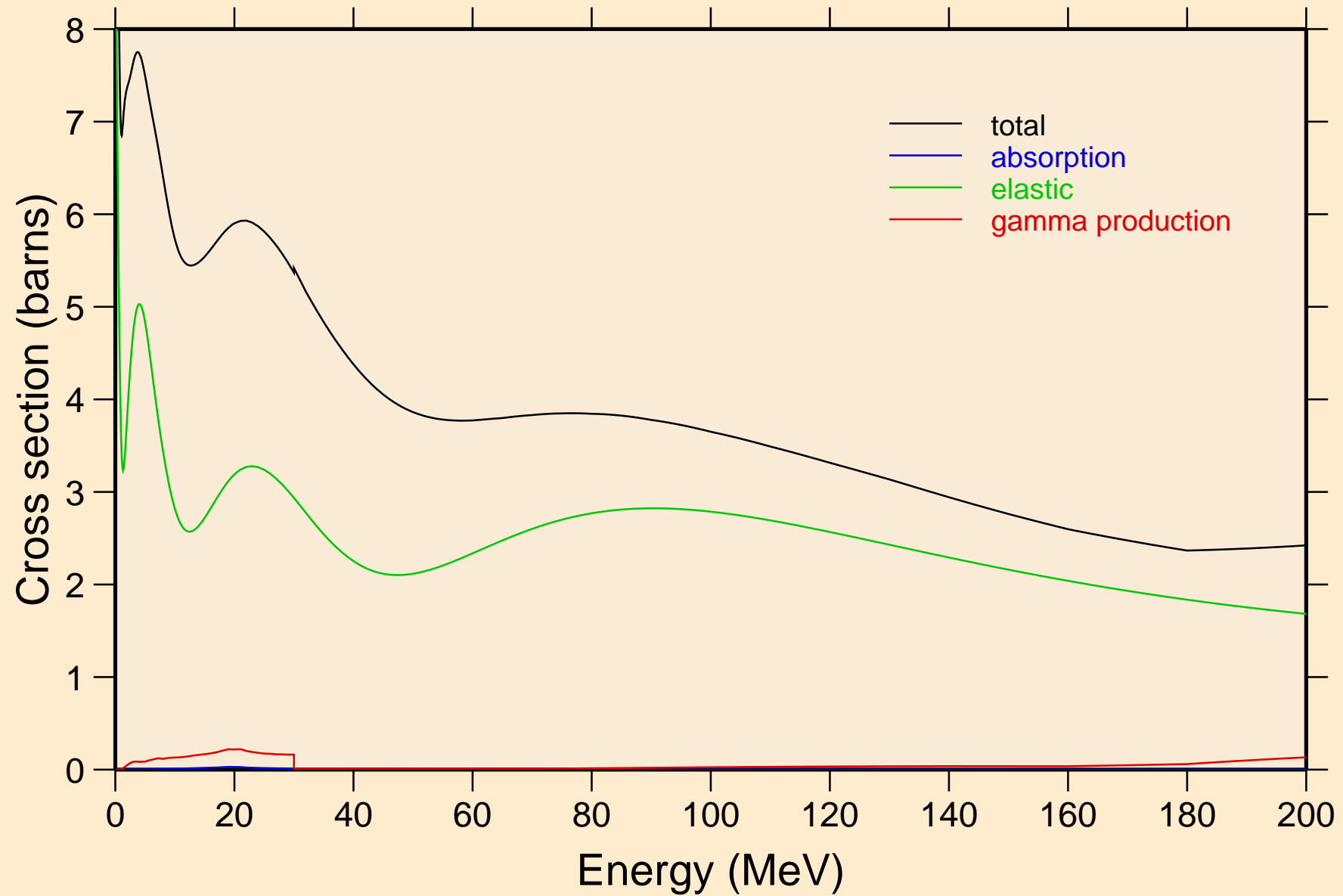


AM230 NRG TENDL-2015, AKONING  
Non-threshold reactions



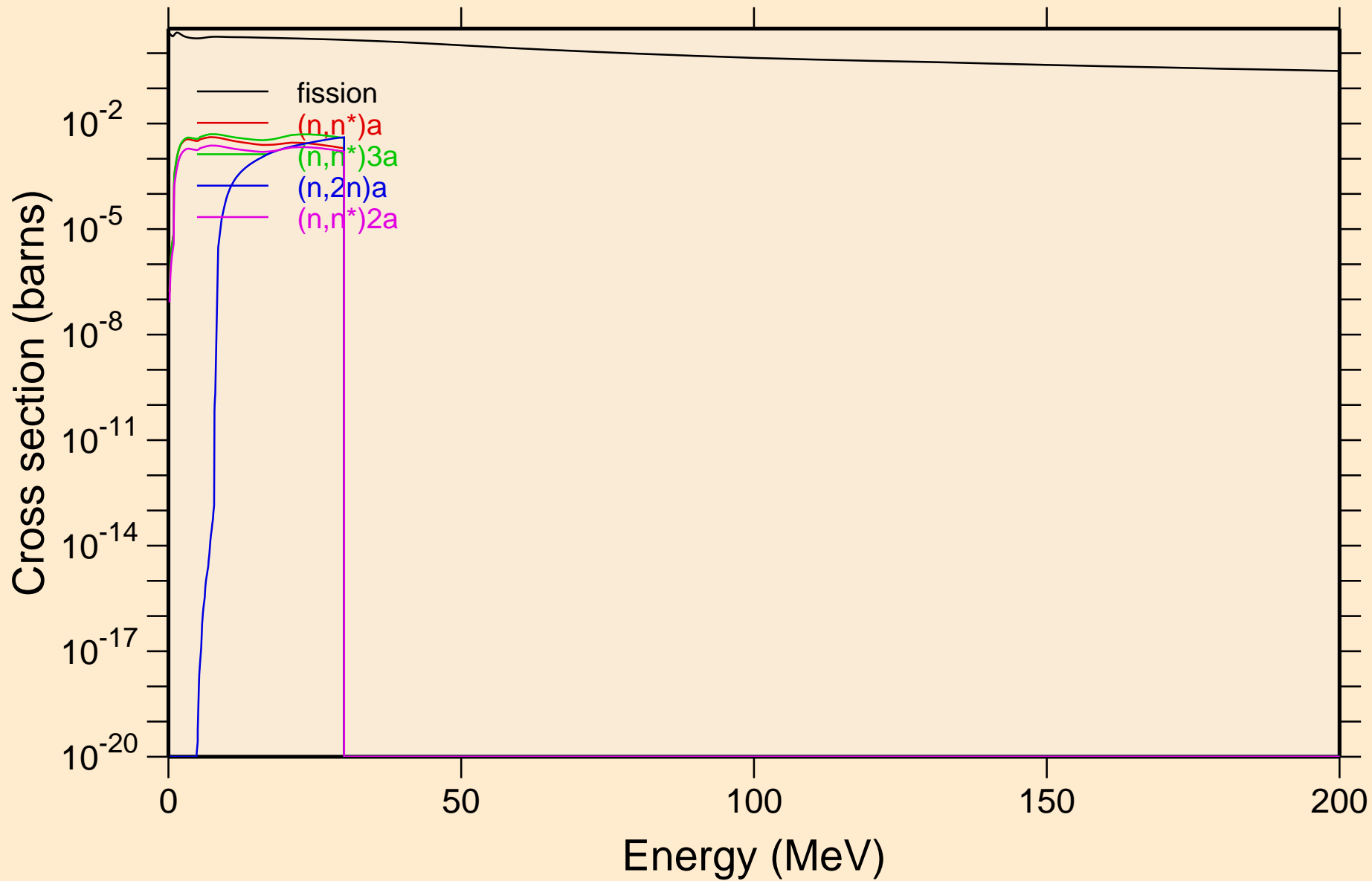
# AM230 NRG TENDL-2015, AKONING

## Principal cross sections



# AM230 NRG TENDL-2015, AKONING

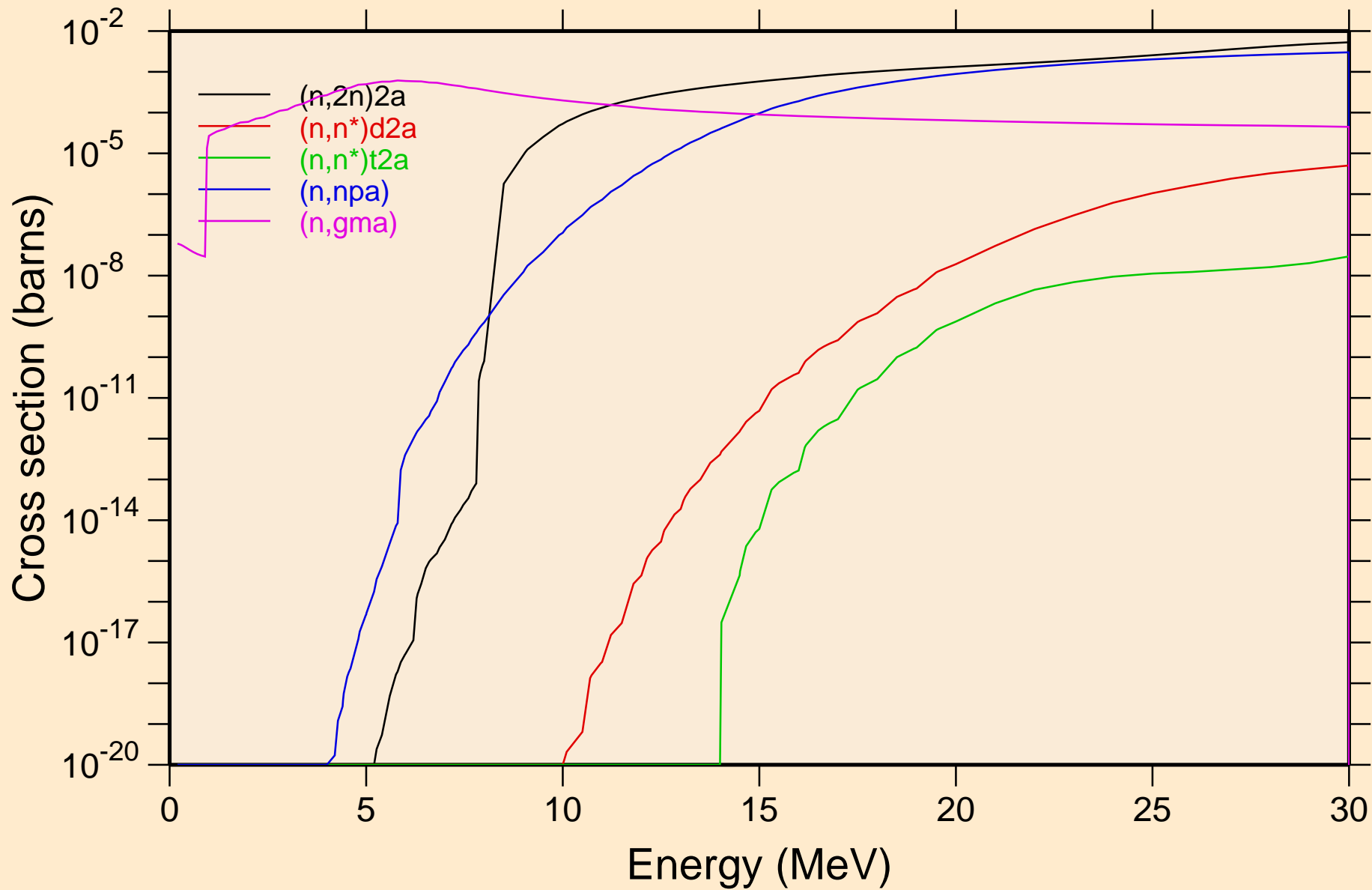
## Non-threshold reactions





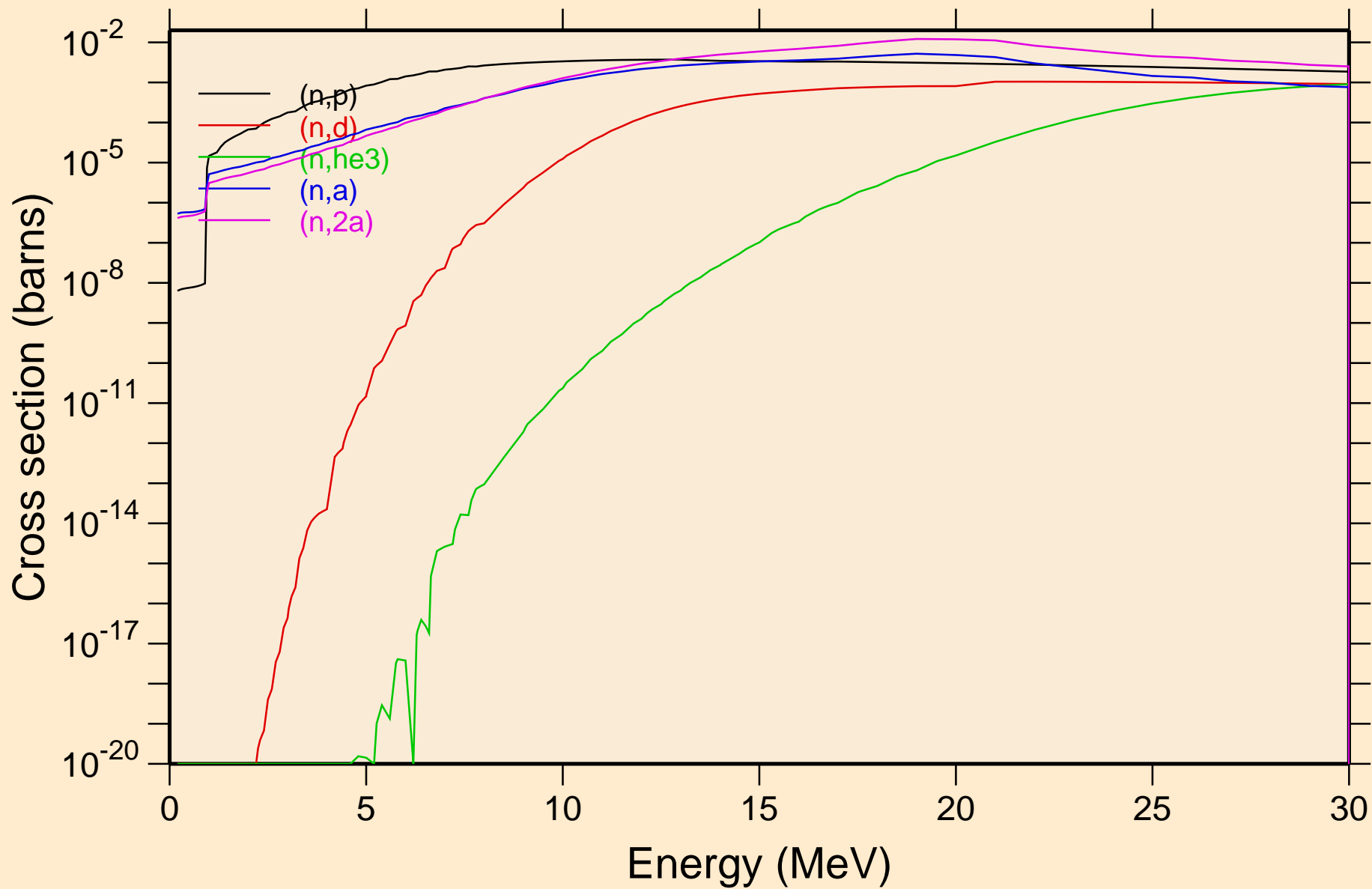
# AM230 NRG TENDL-2015, AKONING

## Non-threshold reactions



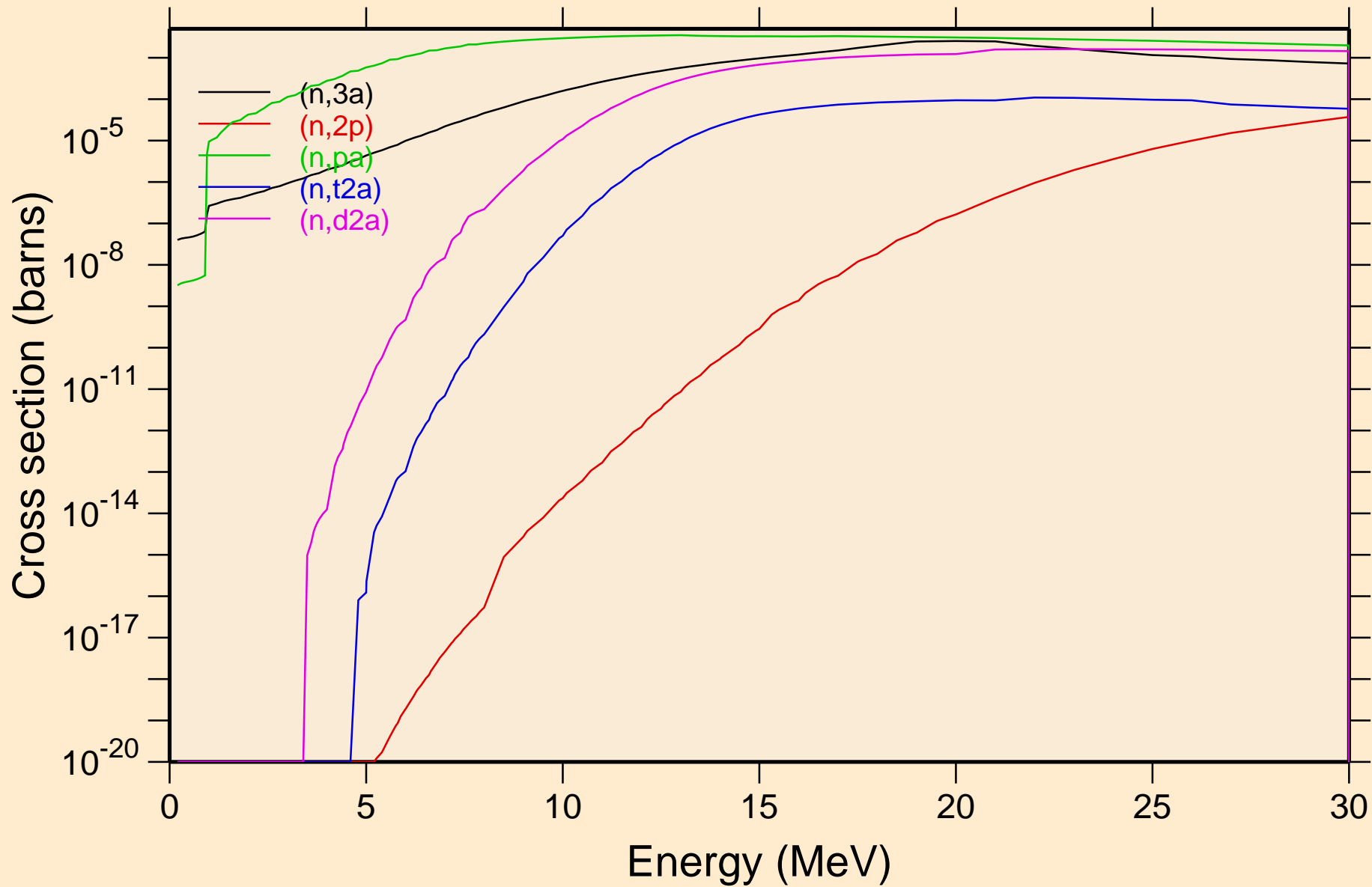
# AM230 NRG TENDL-2015, AKONING

## Non-threshold reactions

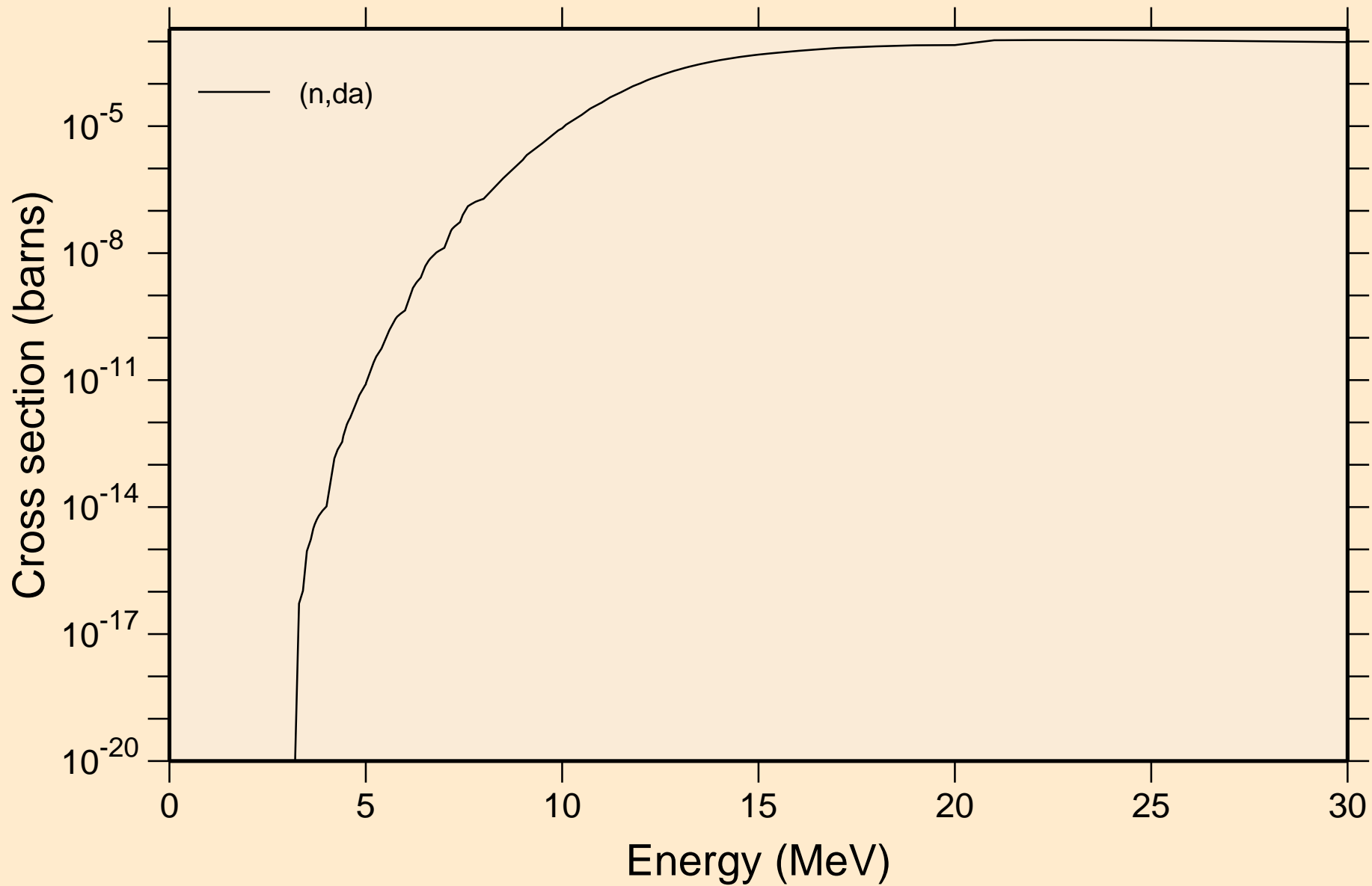


# AM230 NRG TENDL-2015, AKONING

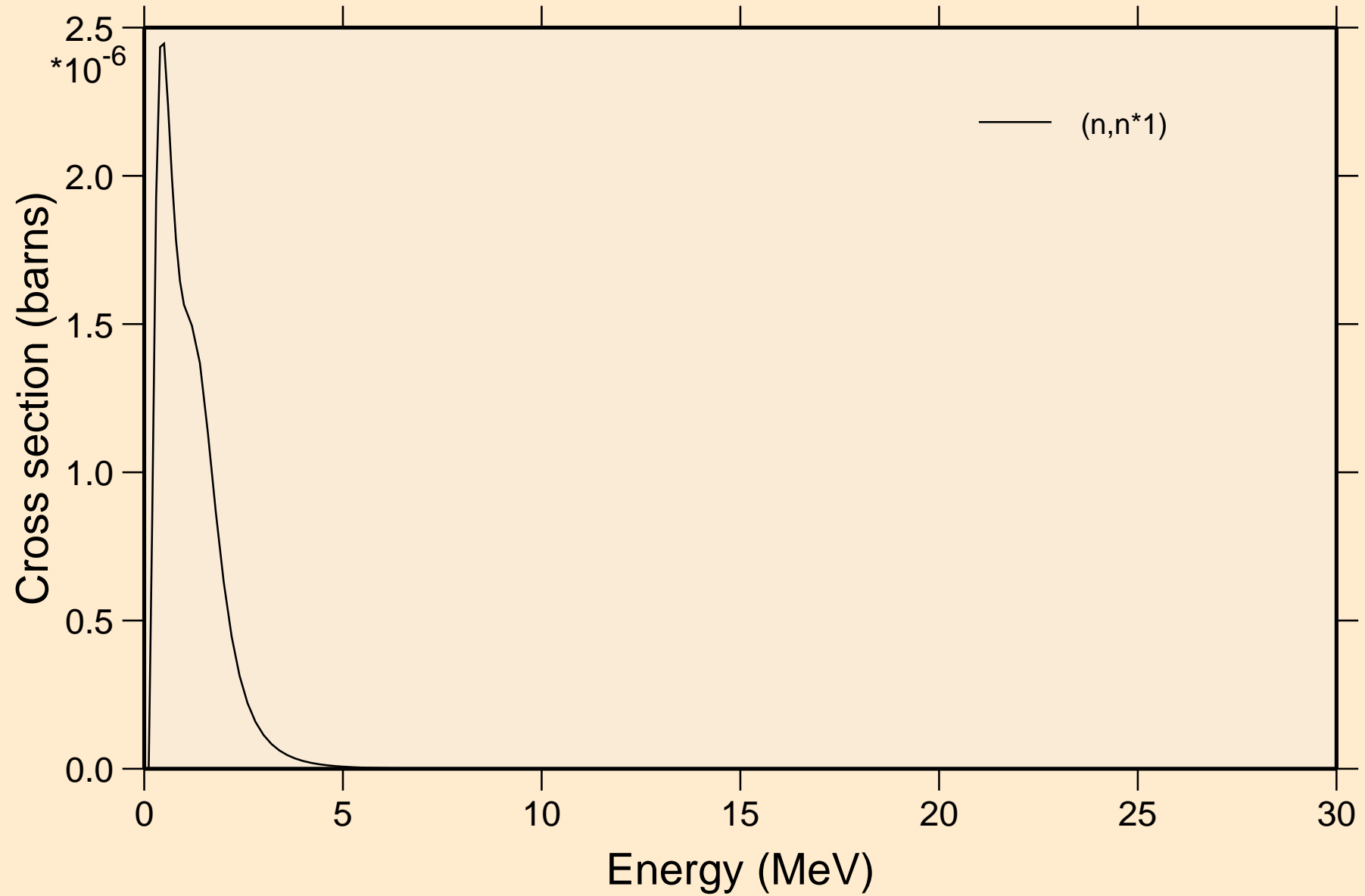
## Non-threshold reactions



AM230 NRG TENDL-2015, AKONING  
Non-threshold reactions

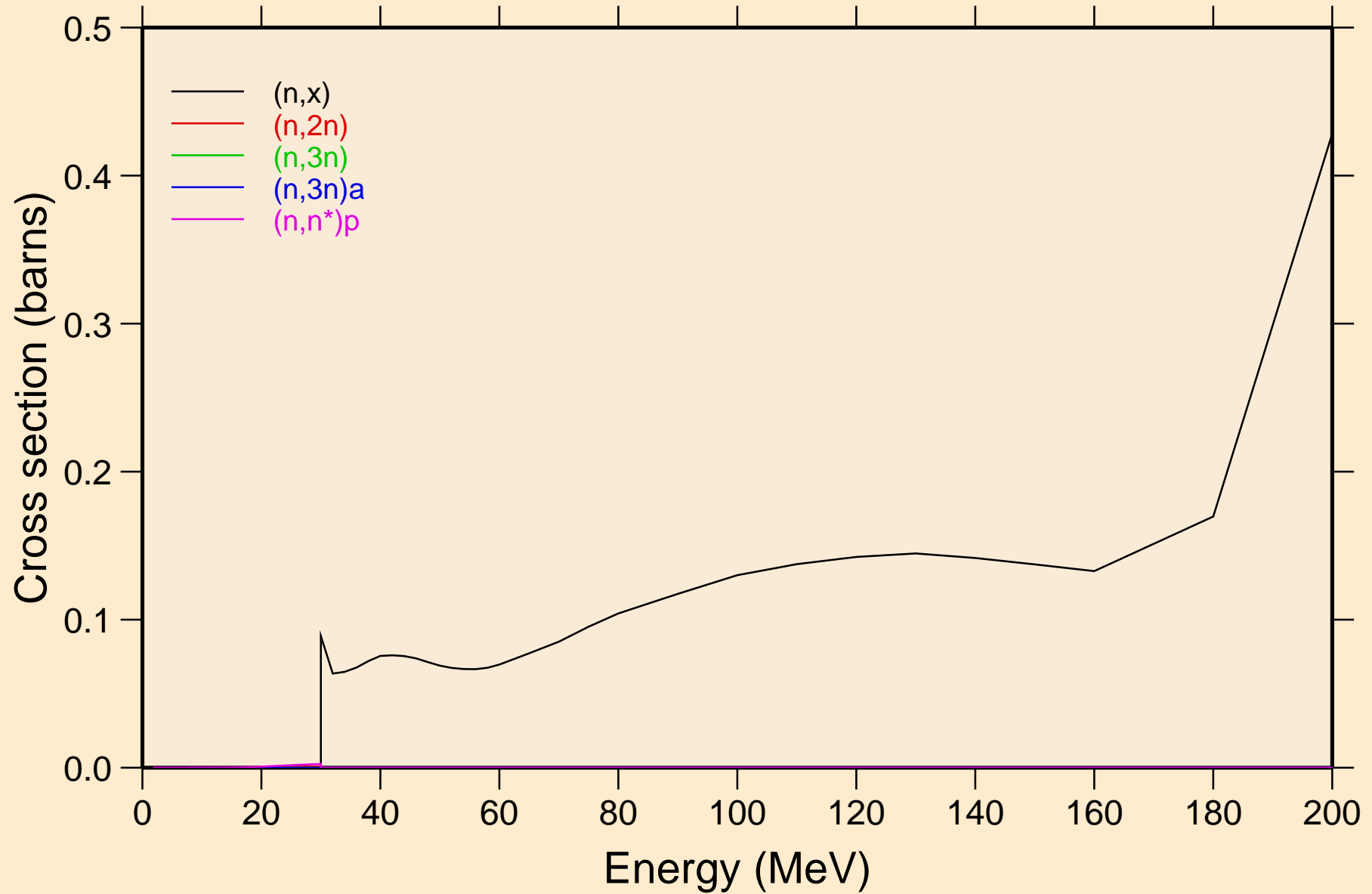


AM230 NRG TENDL-2015, AKONING  
Inelastic levels



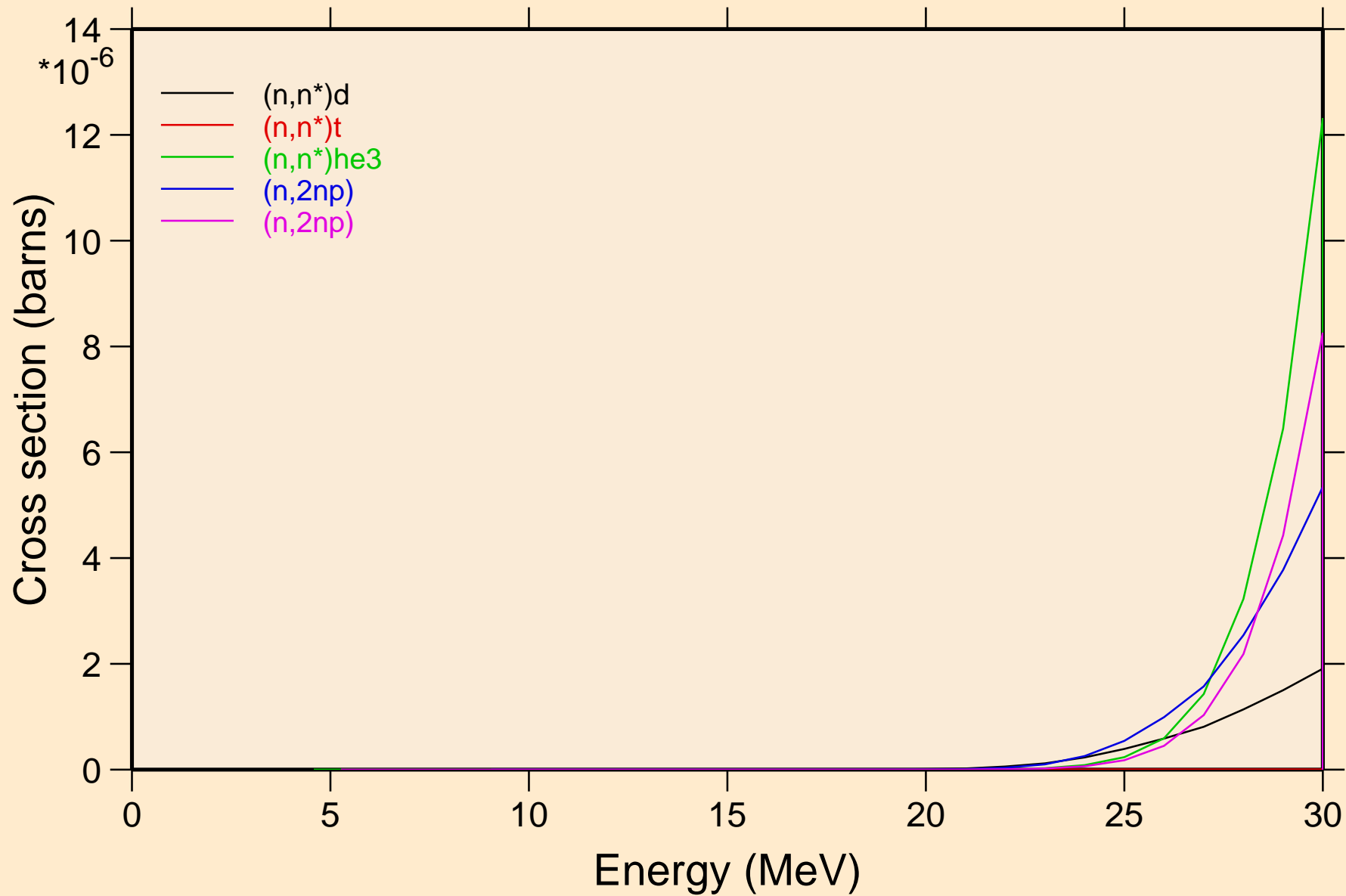
# AM230 NRG TENDL-2015, AKONING

## Threshold reactions



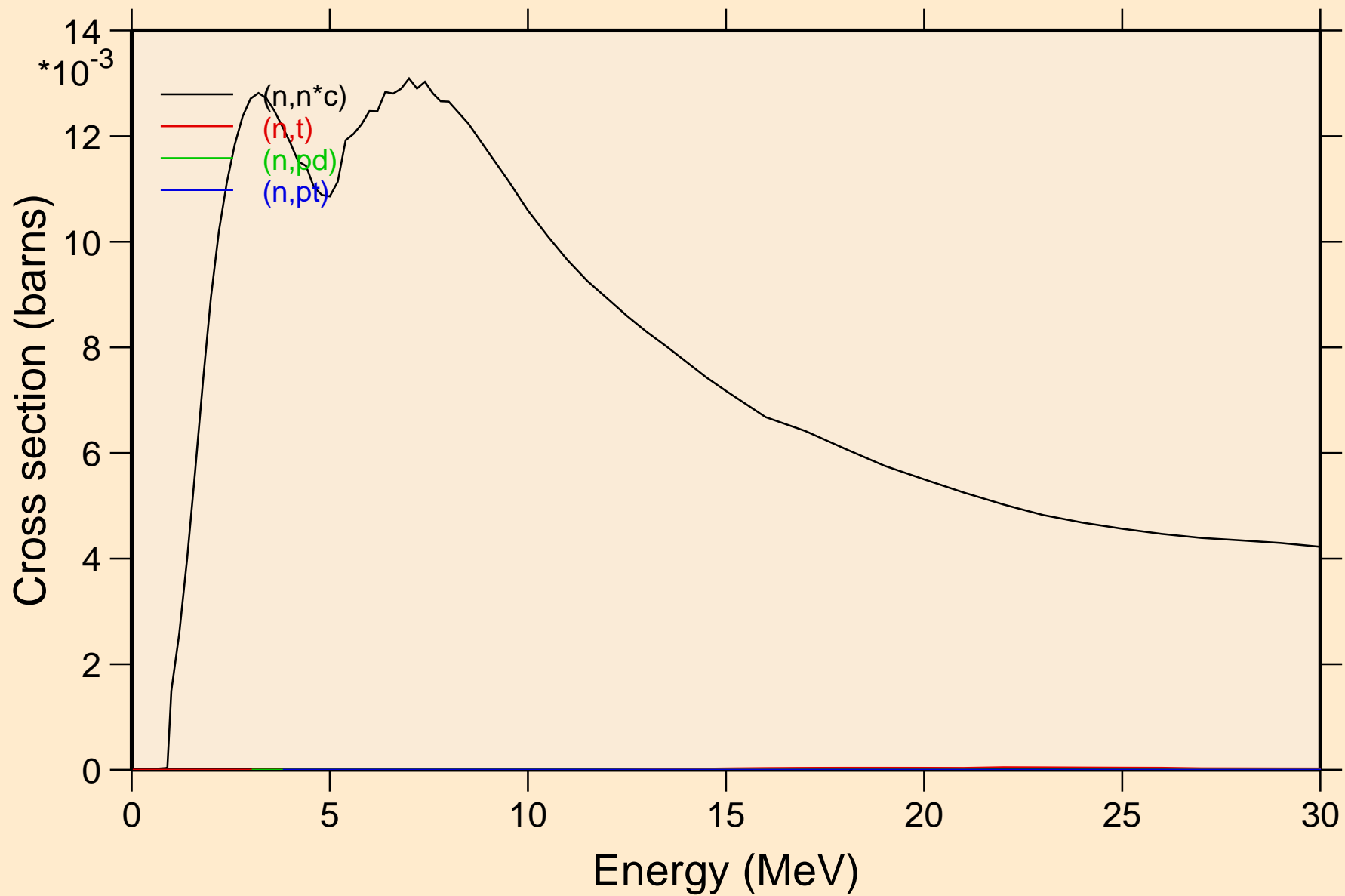
# AM230 NRG TENDL-2015, AKONING

## Threshold reactions



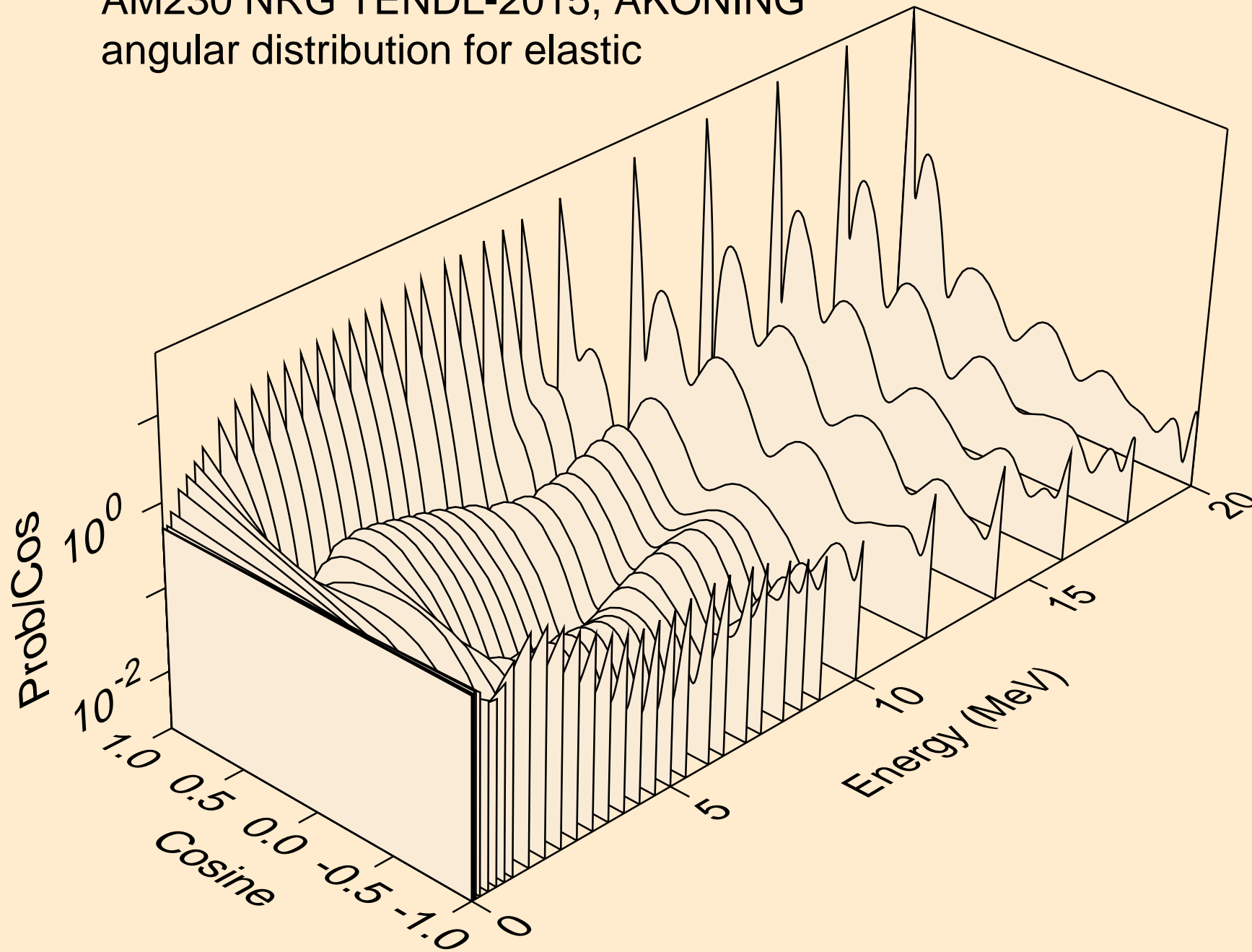
# AM230 NRG TENDL-2015, AKONING

## Threshold reactions

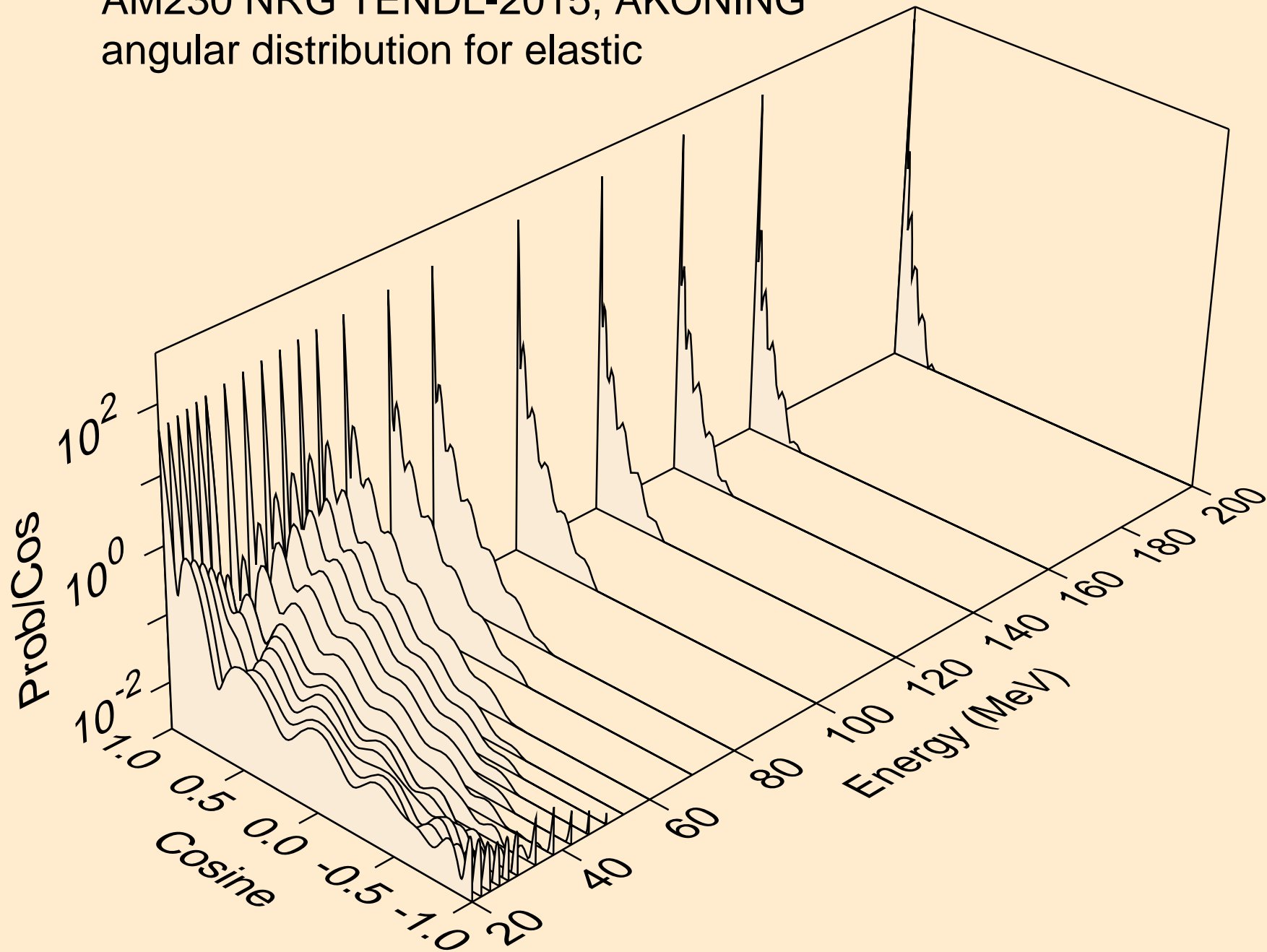




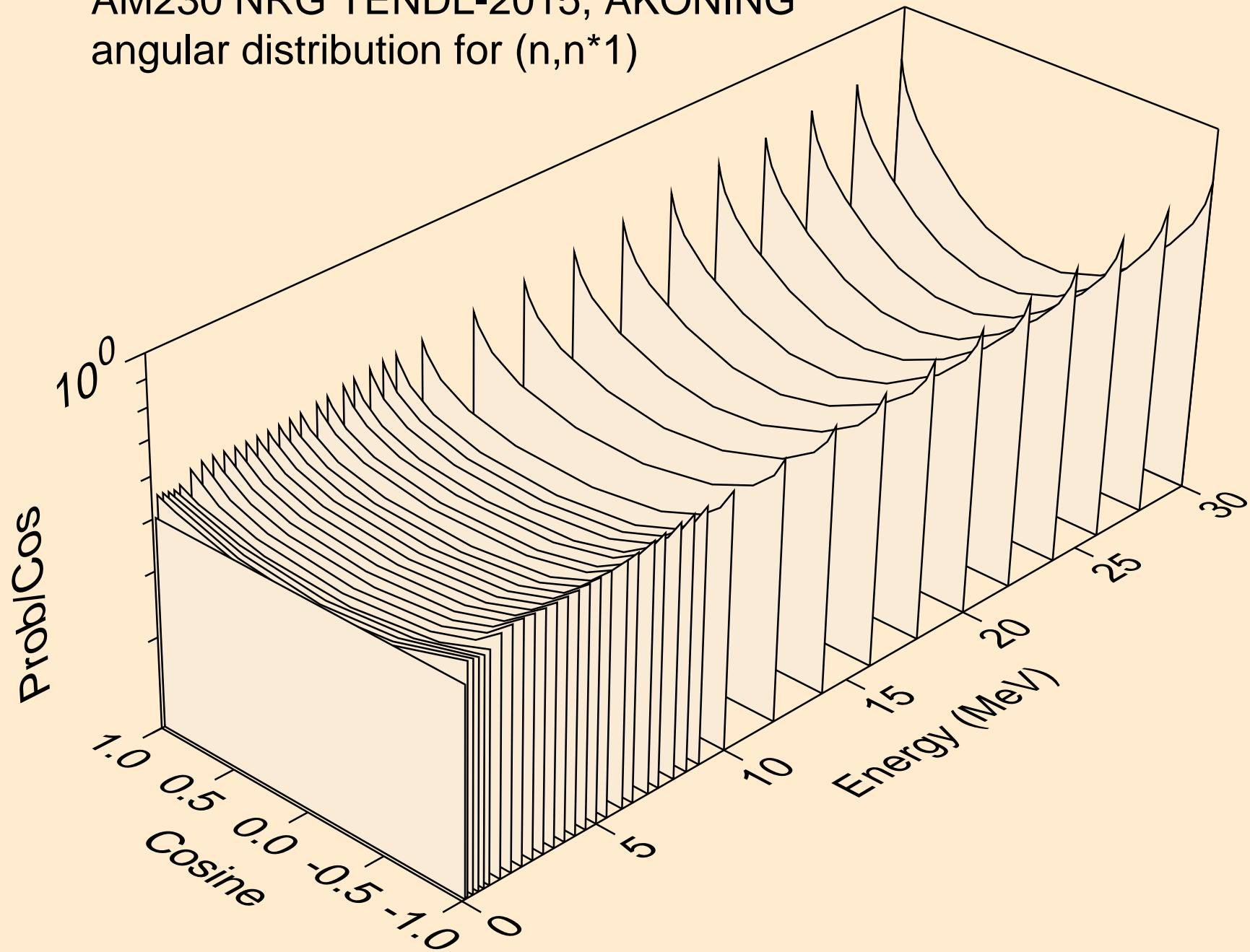
AM230 NRG TENDL-2015, AKONING  
angular distribution for elastic



AM230 NRG TENDL-2015, AKONING  
angular distribution for elastic

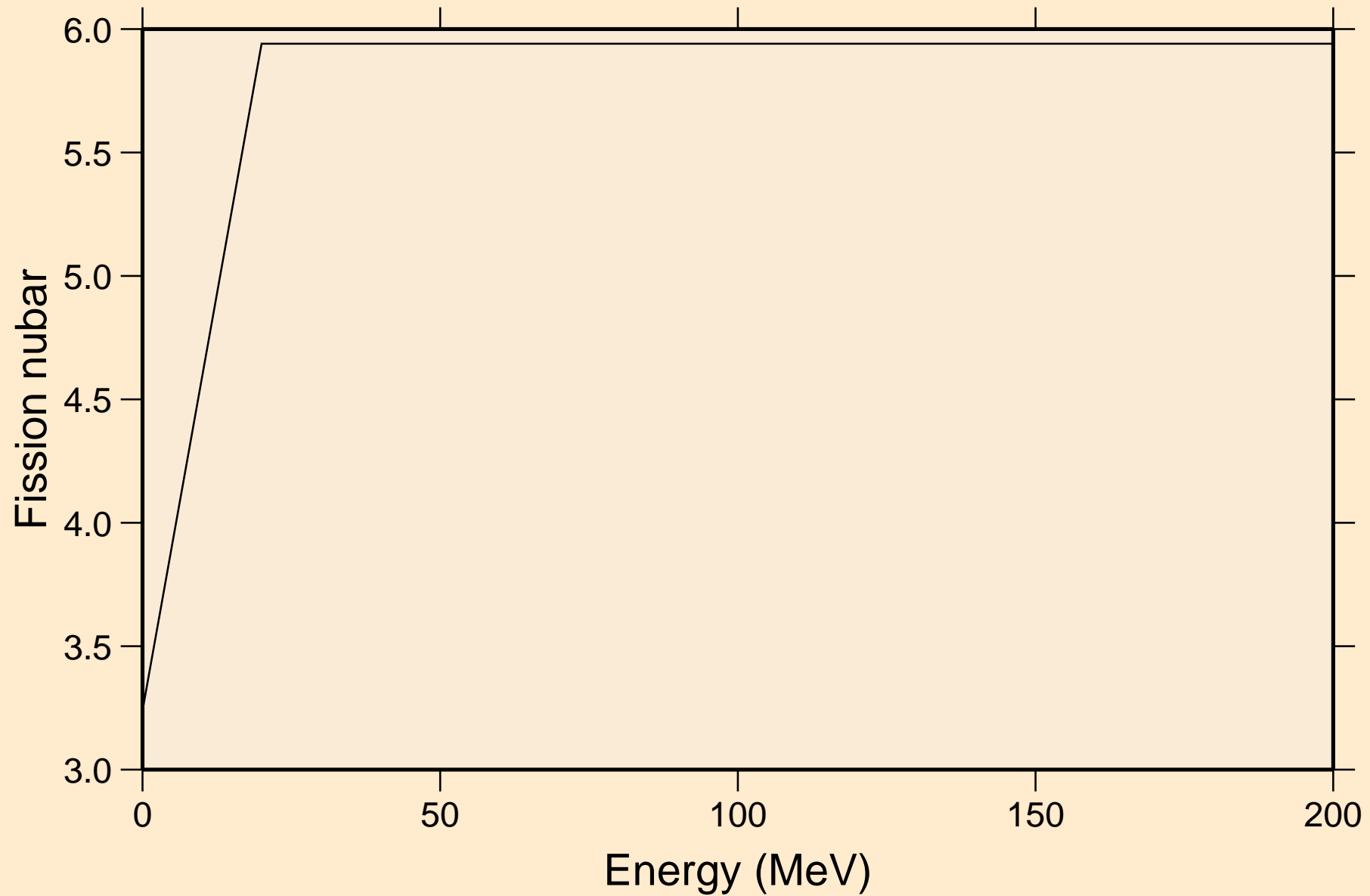


AM230 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

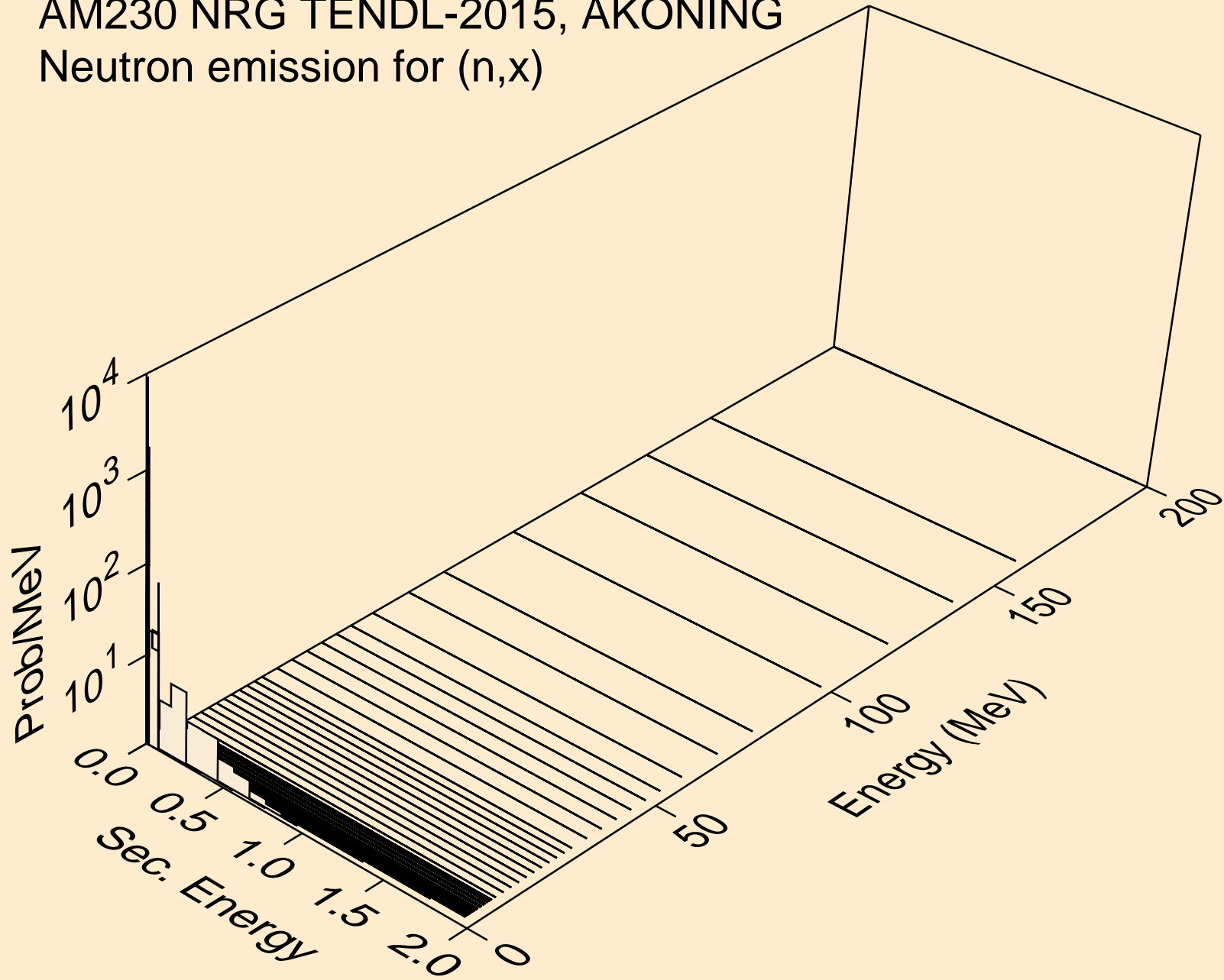


# AM230 NRG TENDL-2015, AKONING

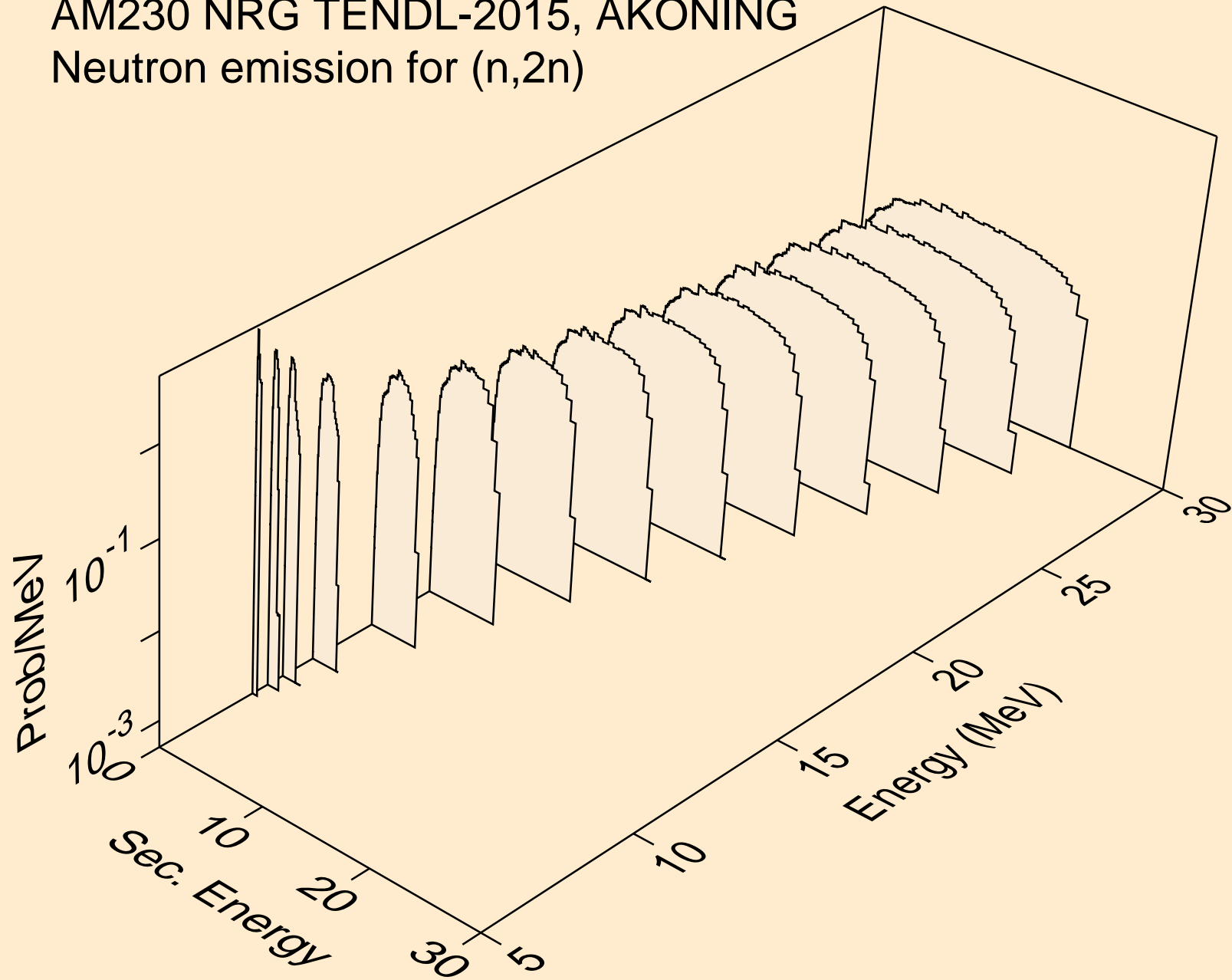
Total fission nubar



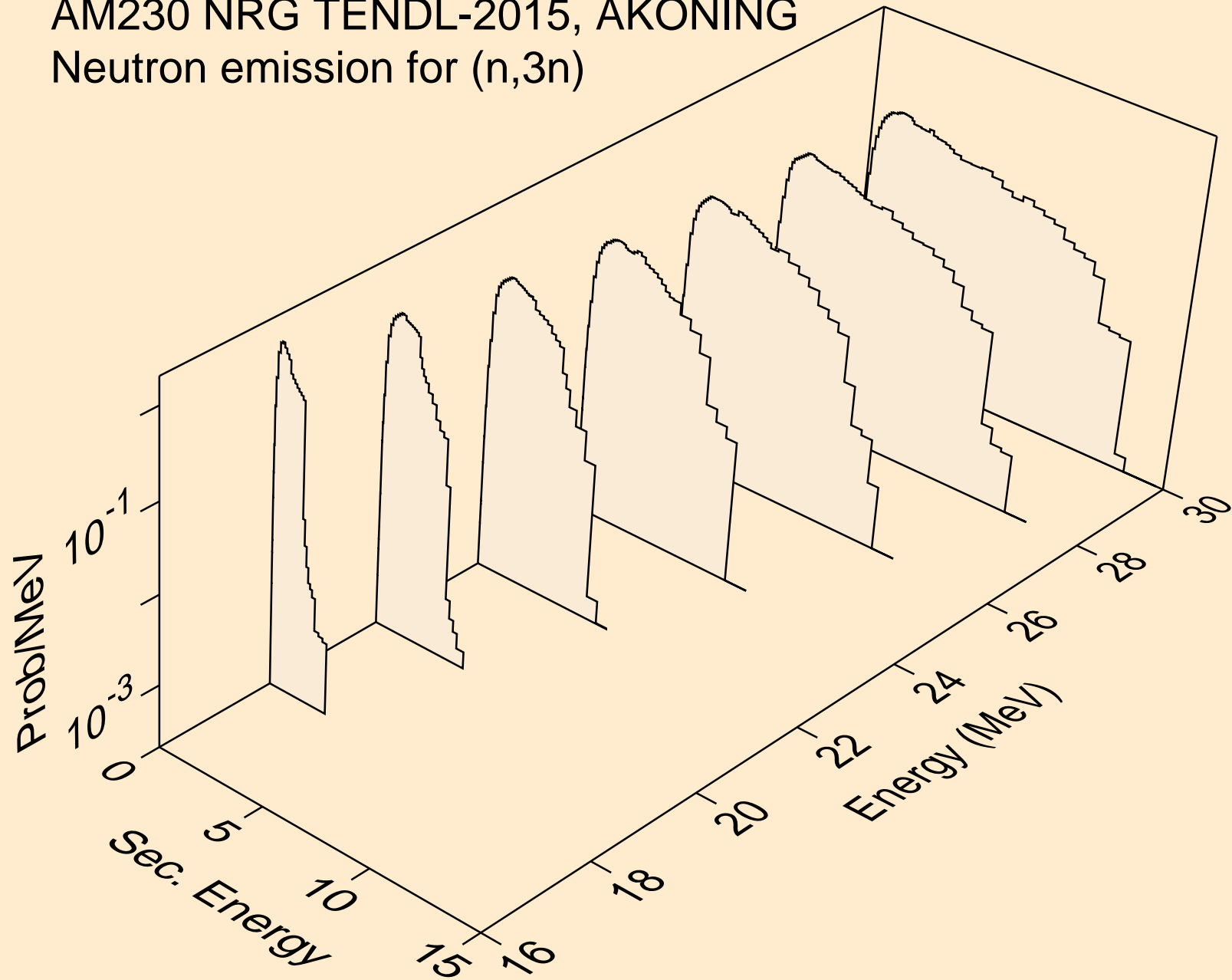
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



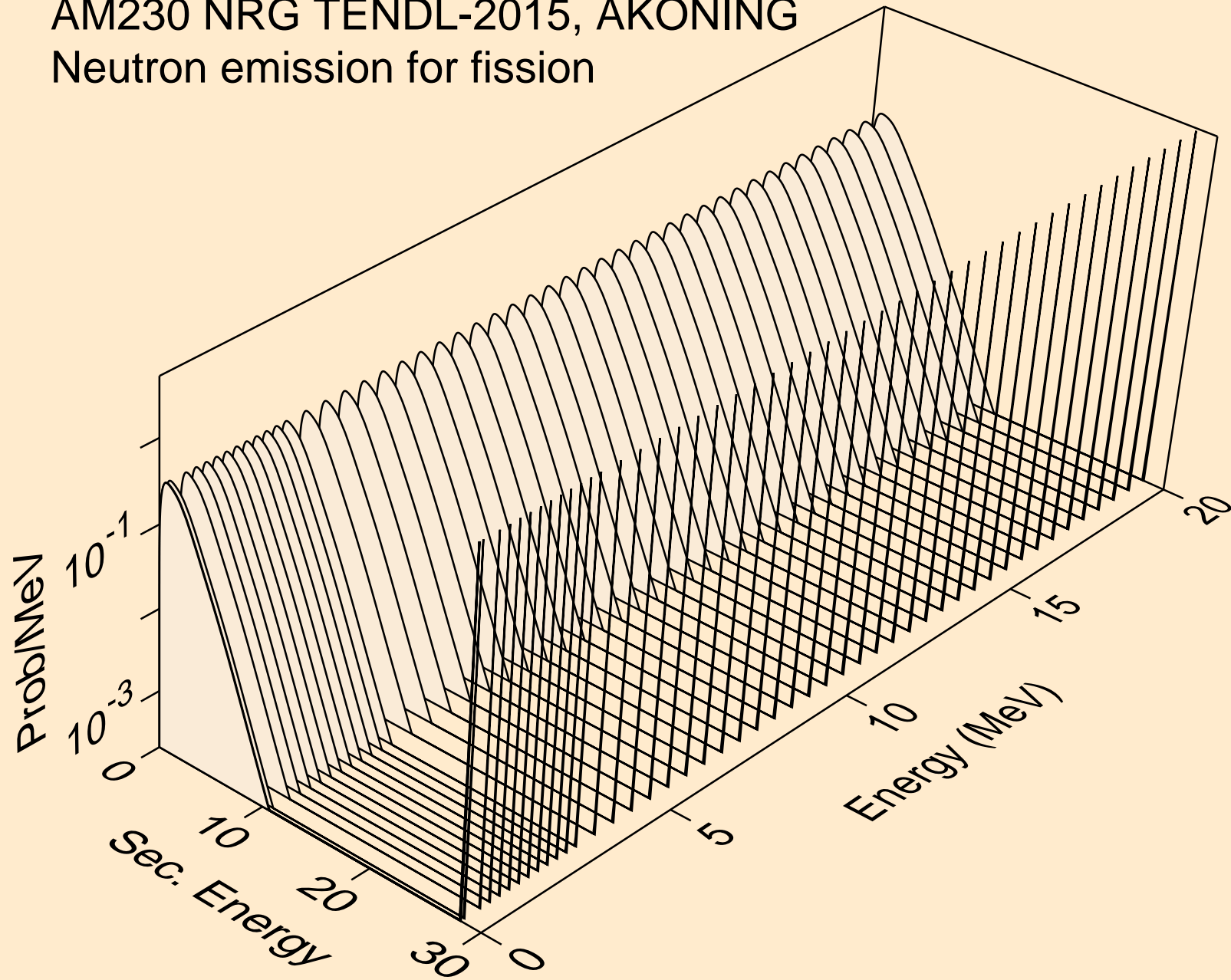
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

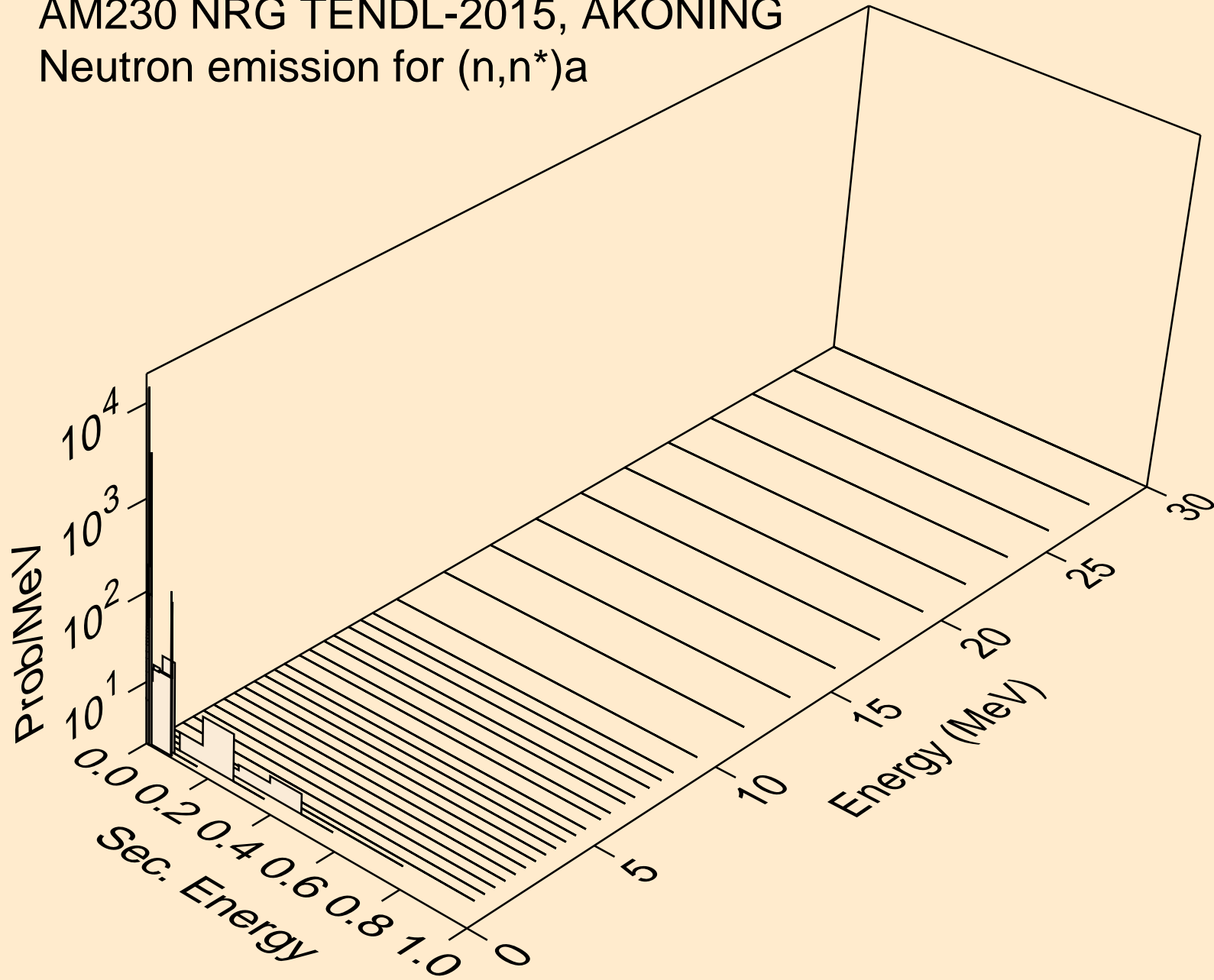


AM230 NRG TENDL-2015, AKONING  
Neutron emission for fission

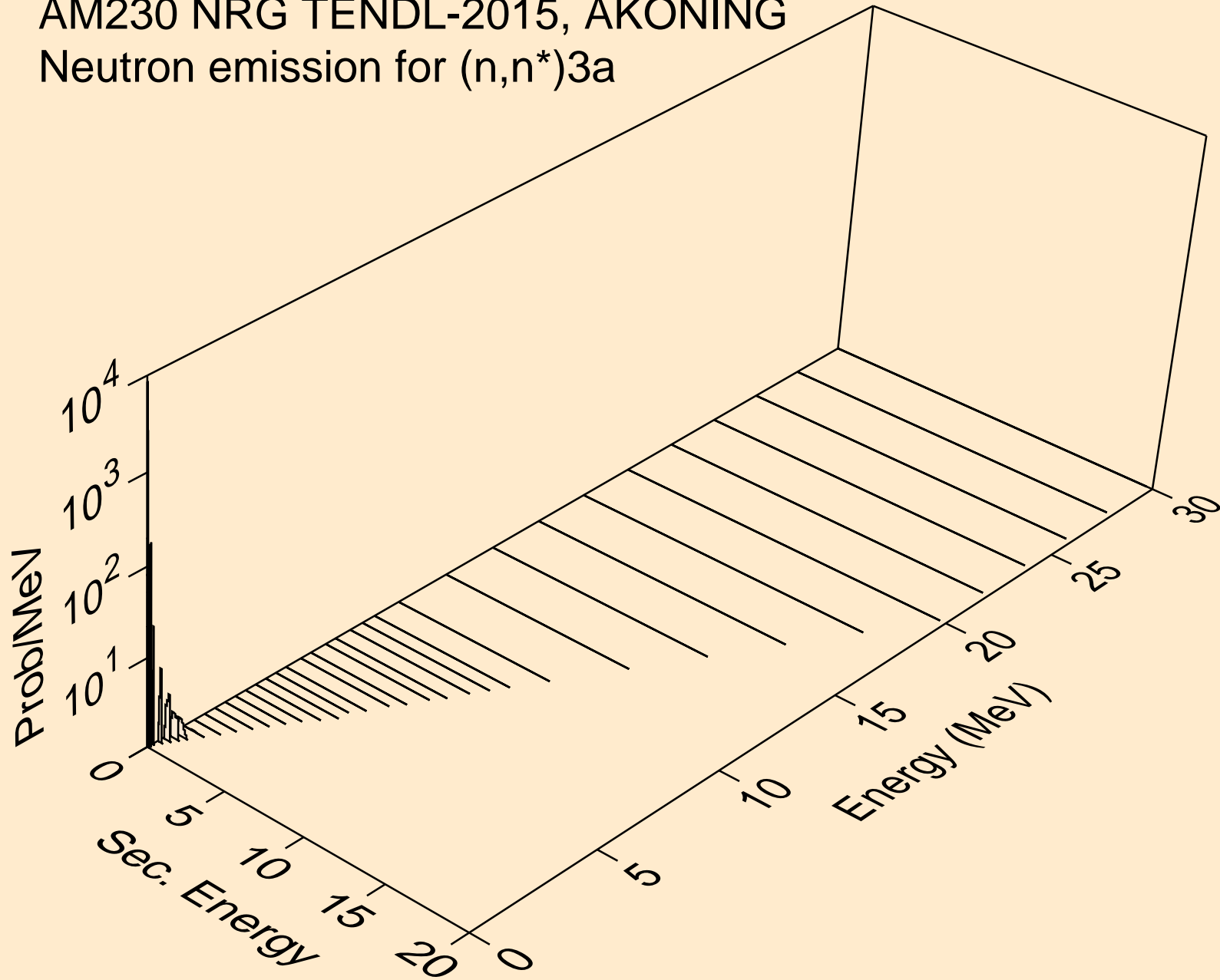




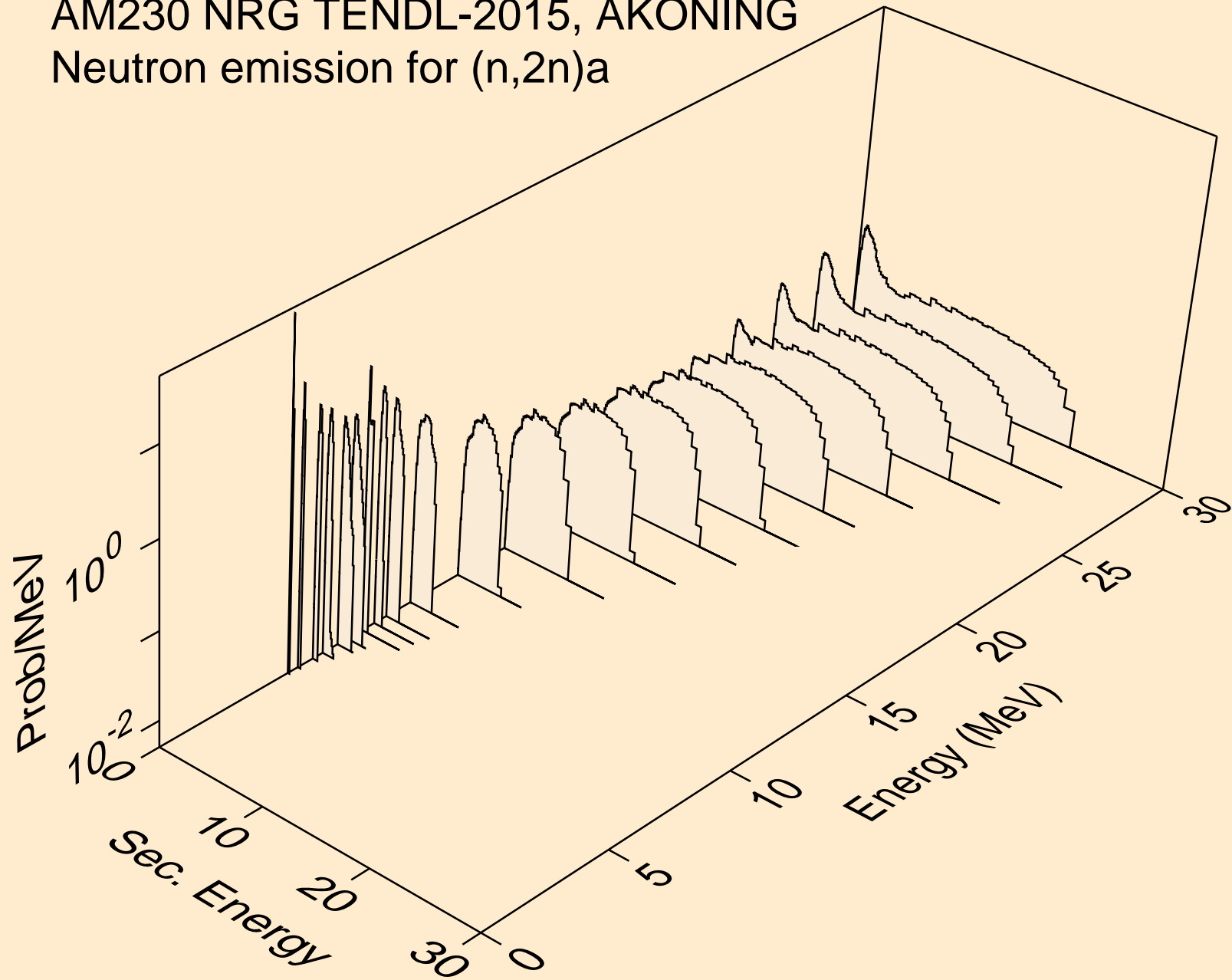
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



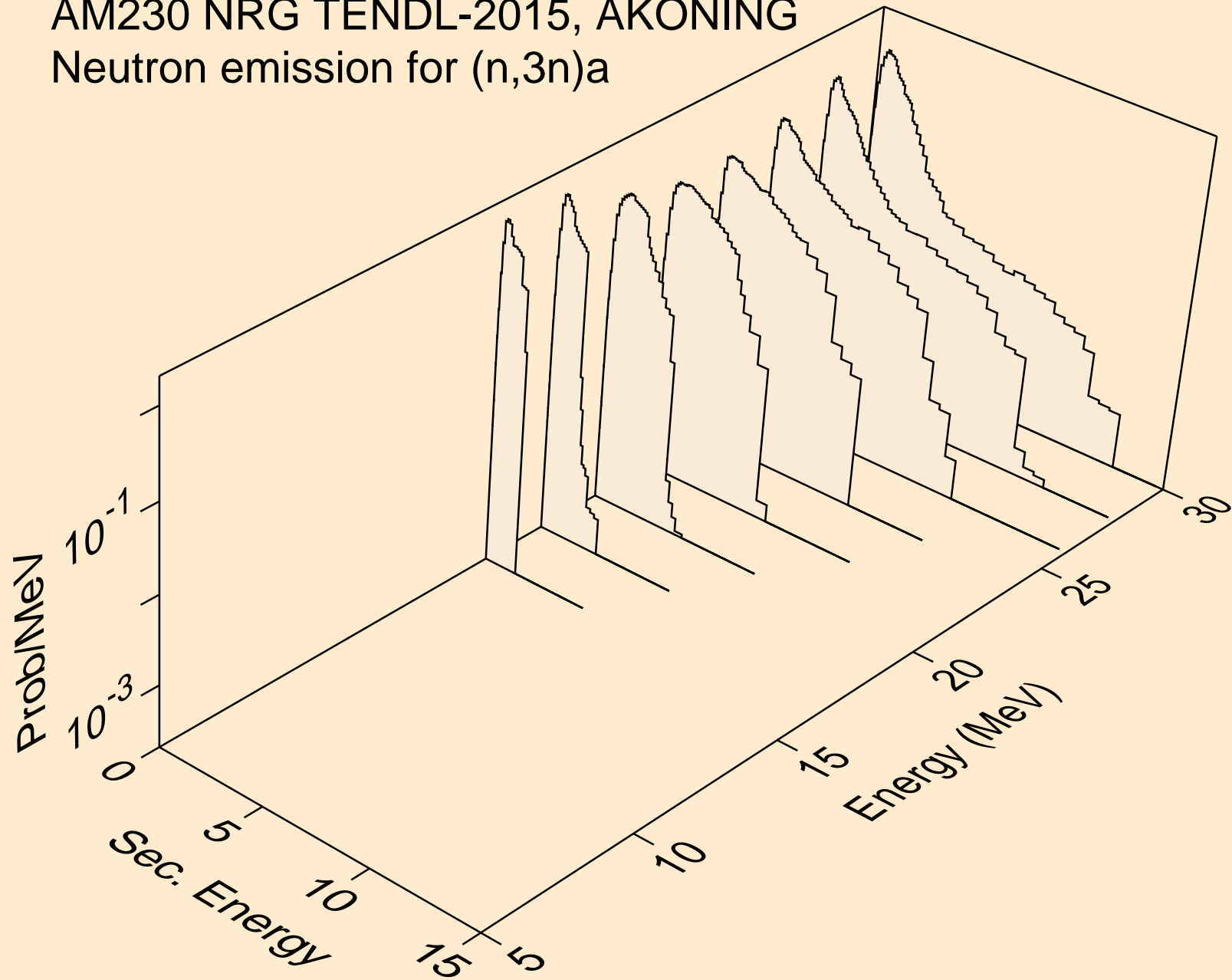
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



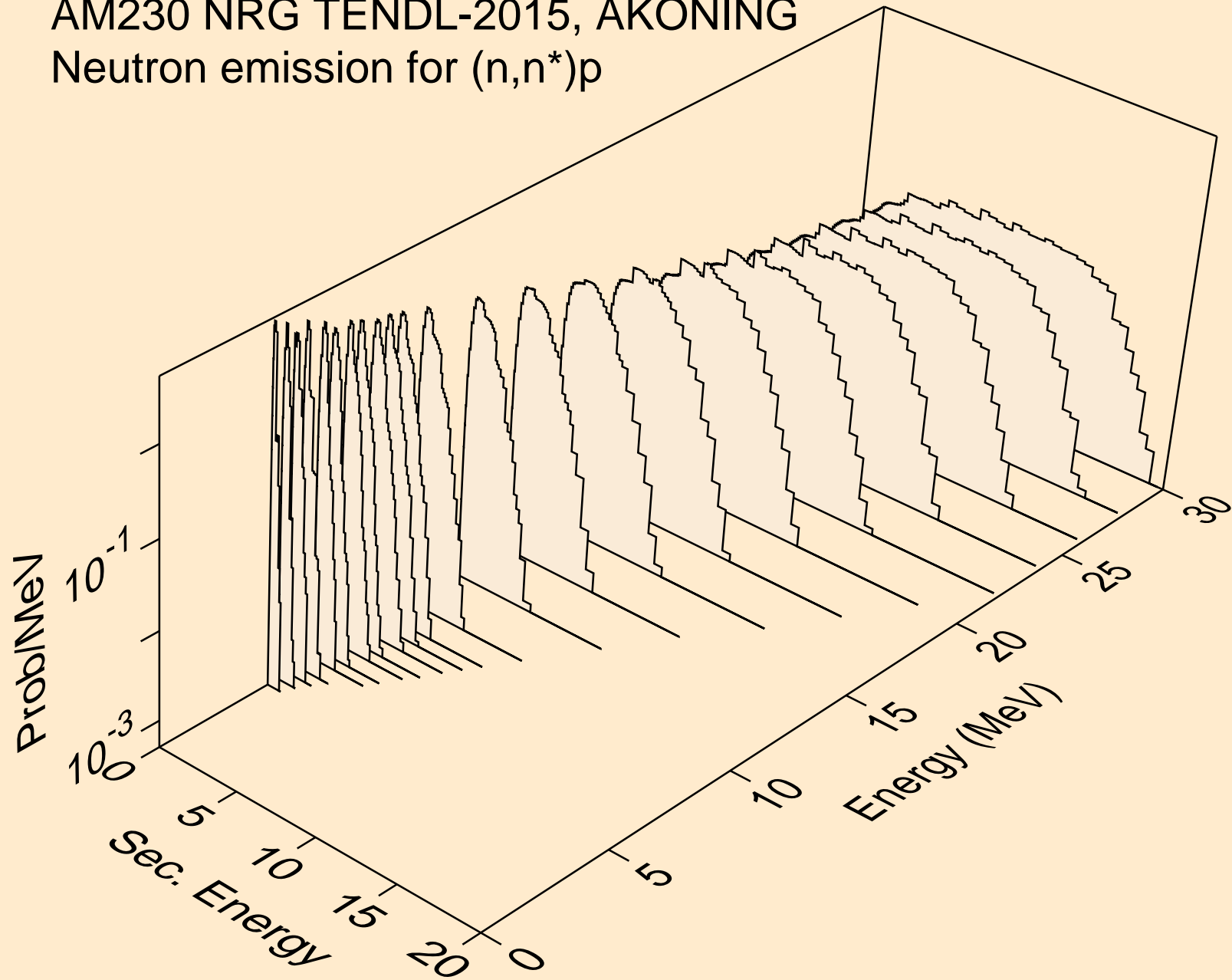
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



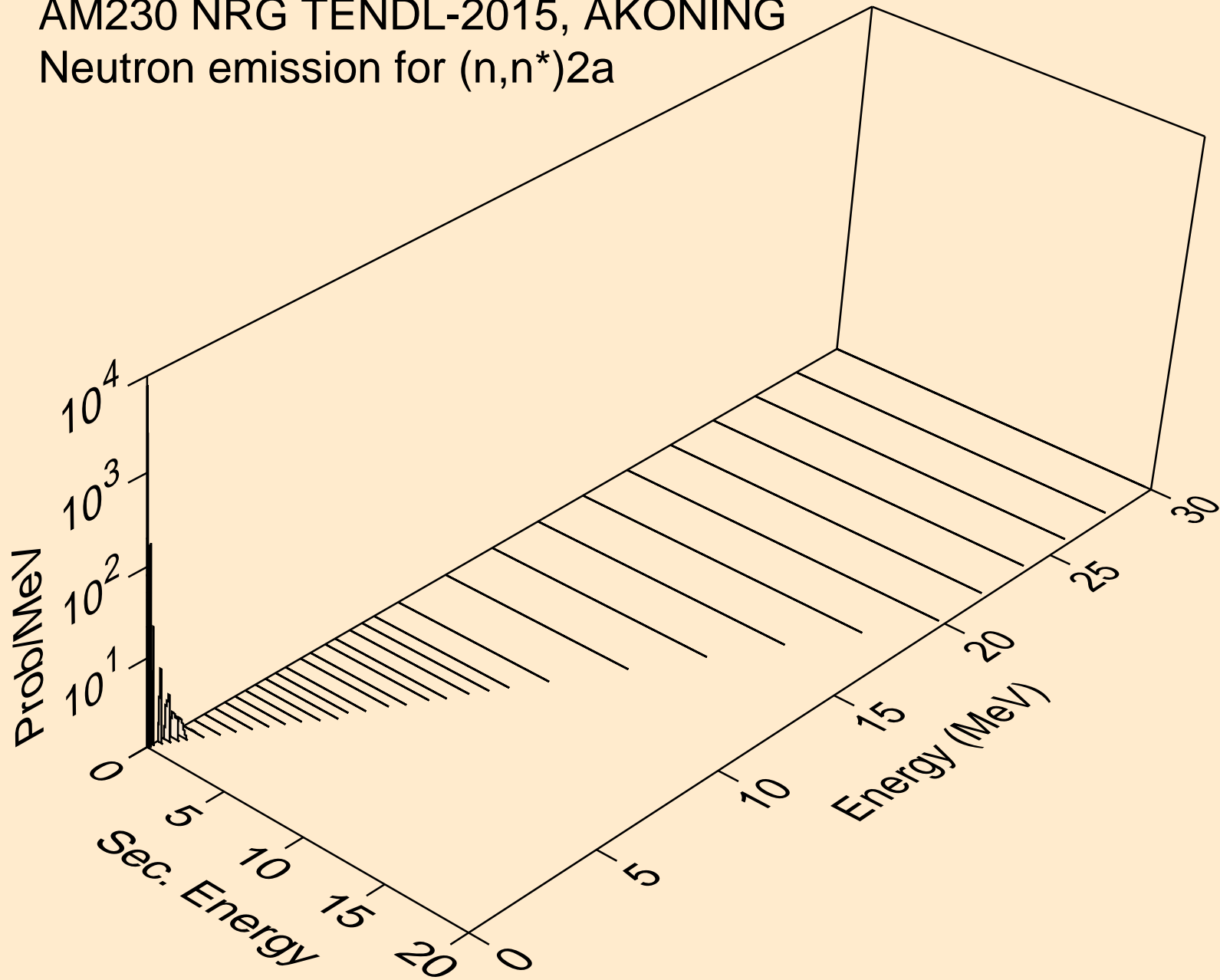
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



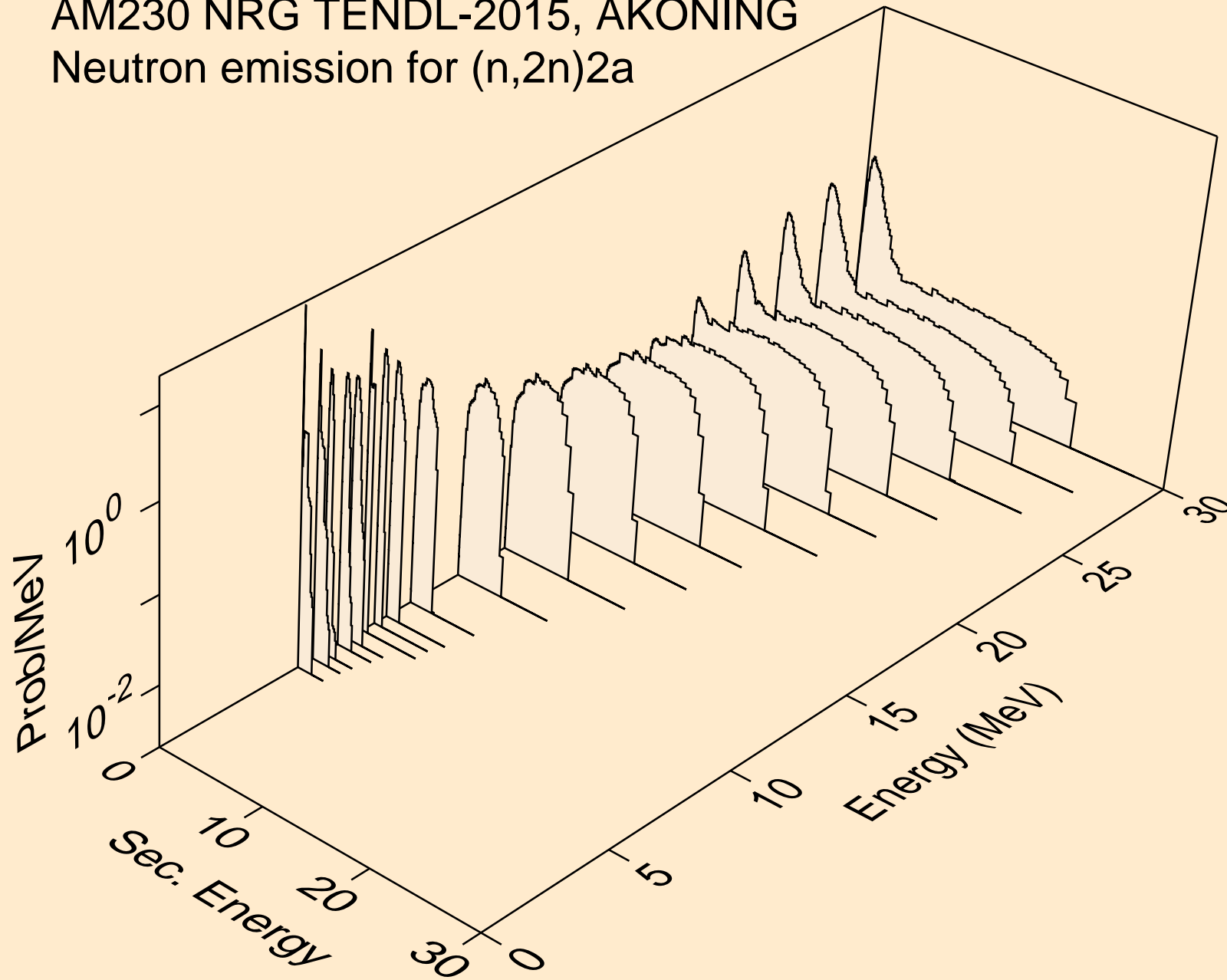
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



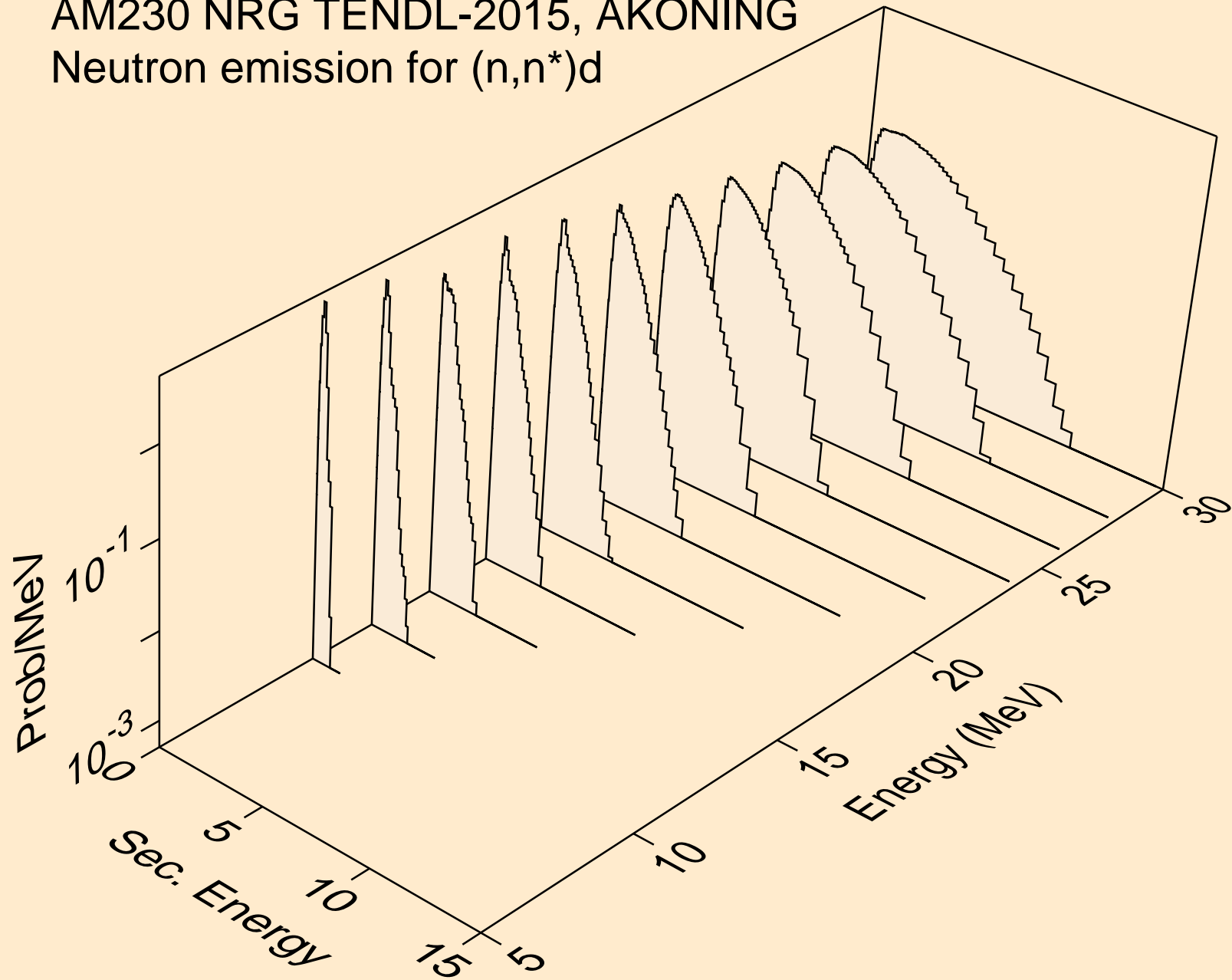
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

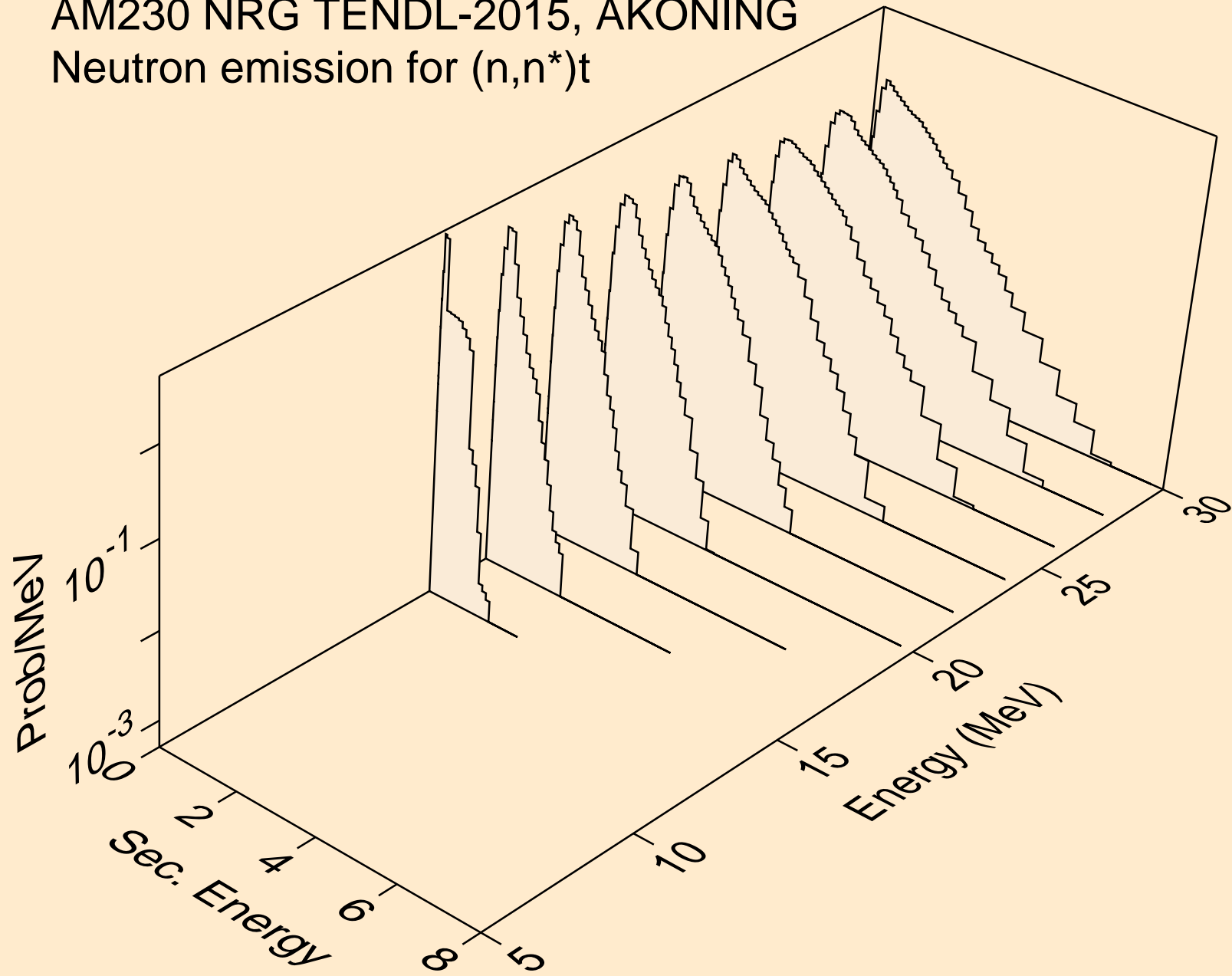


AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

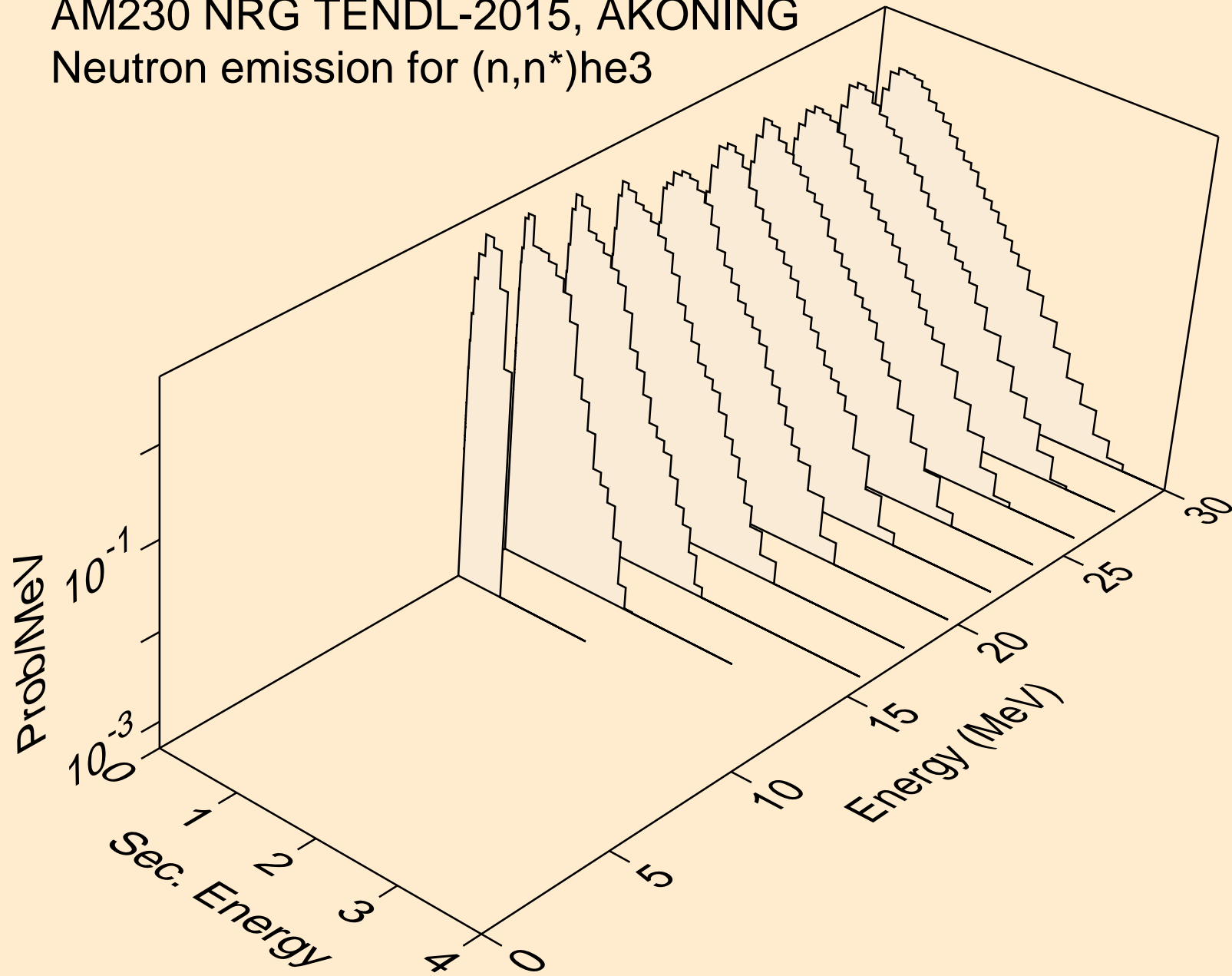




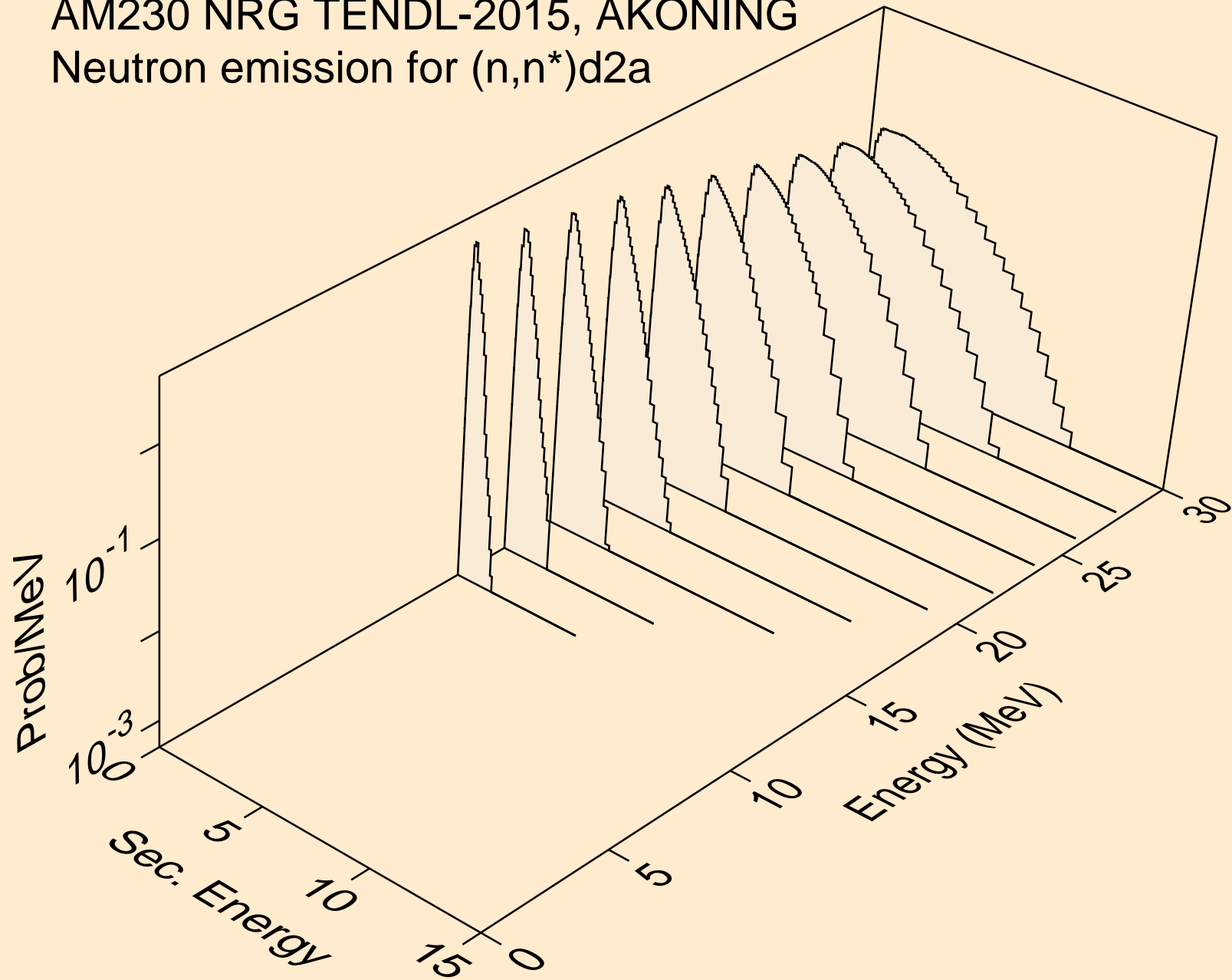
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



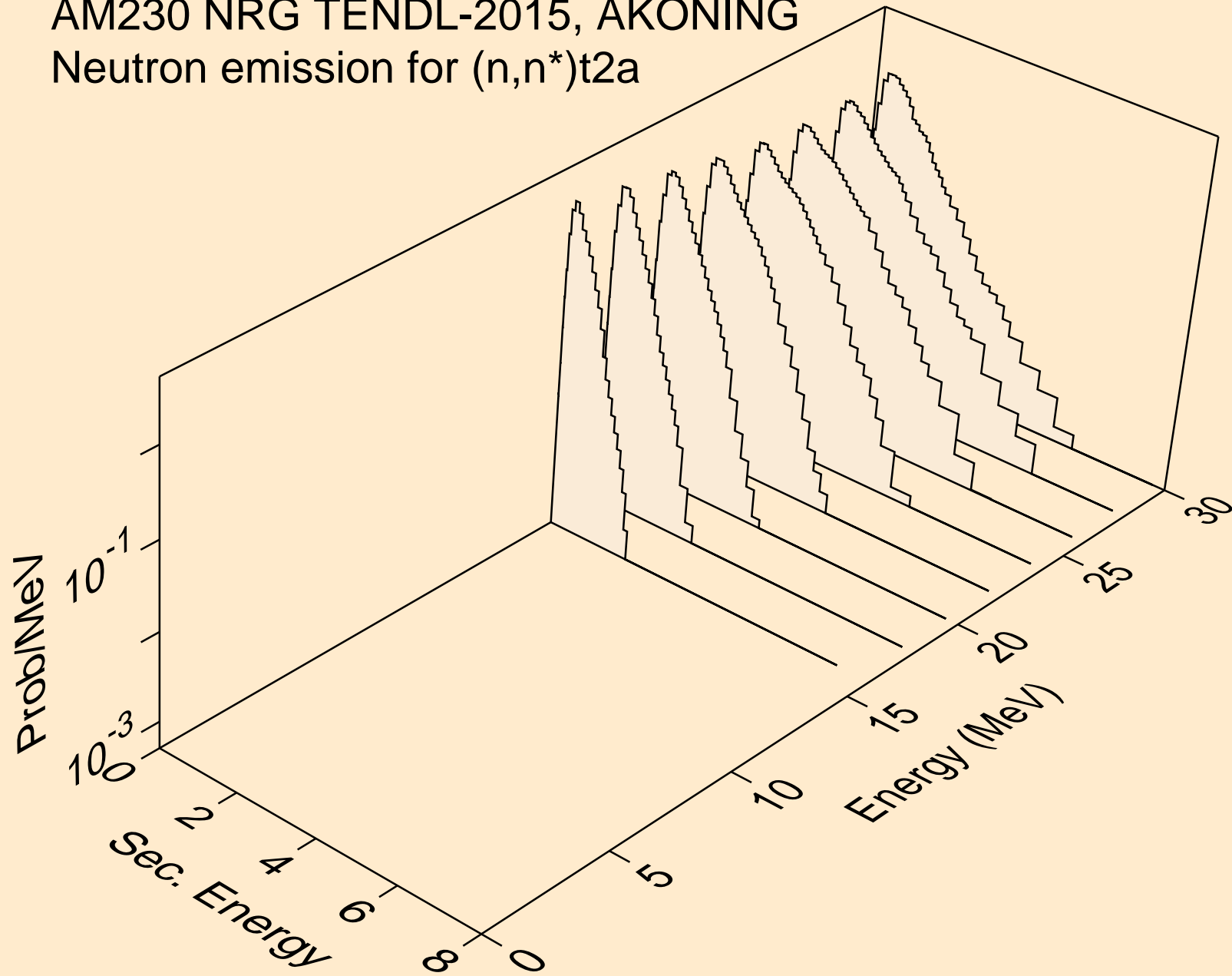
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



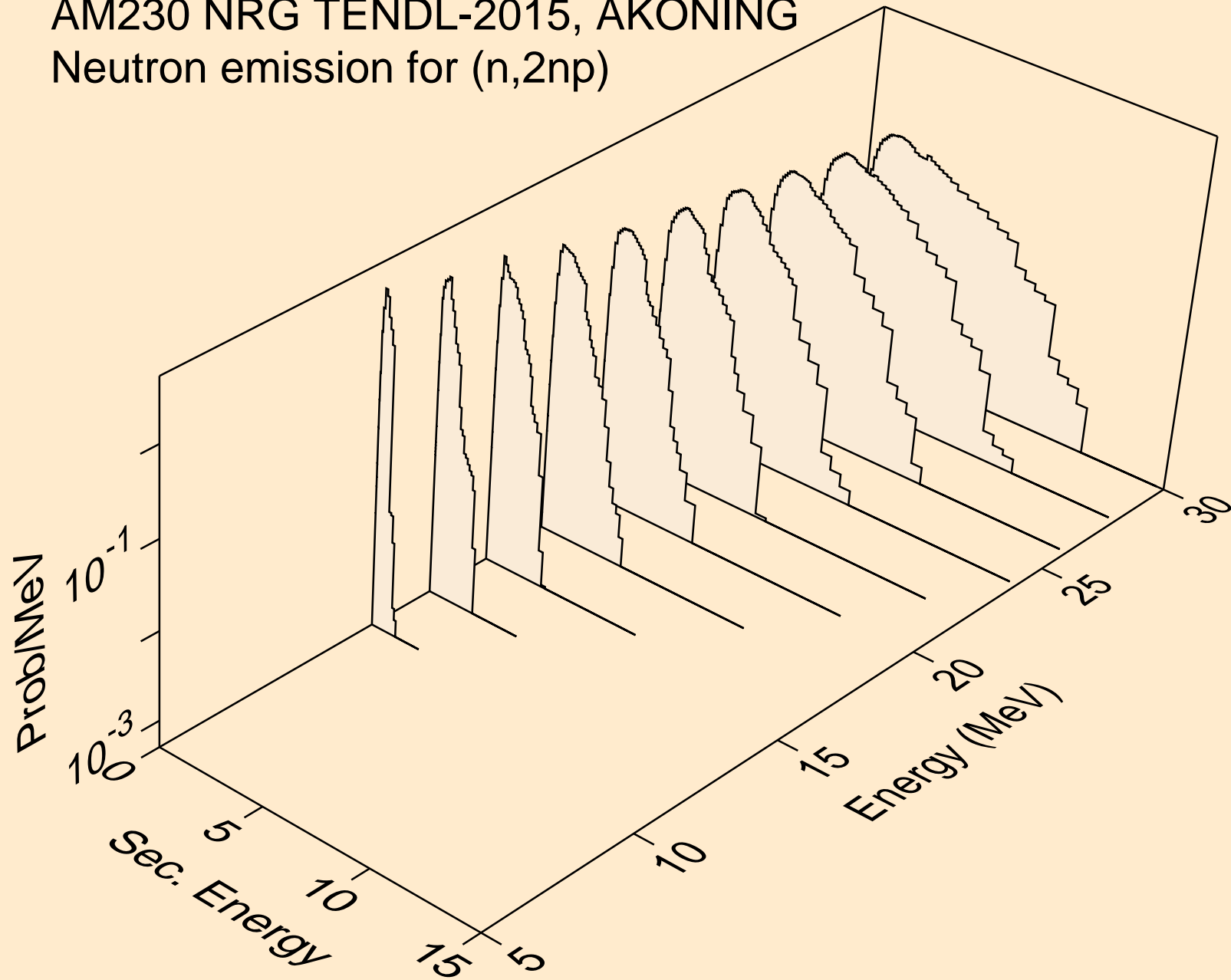
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



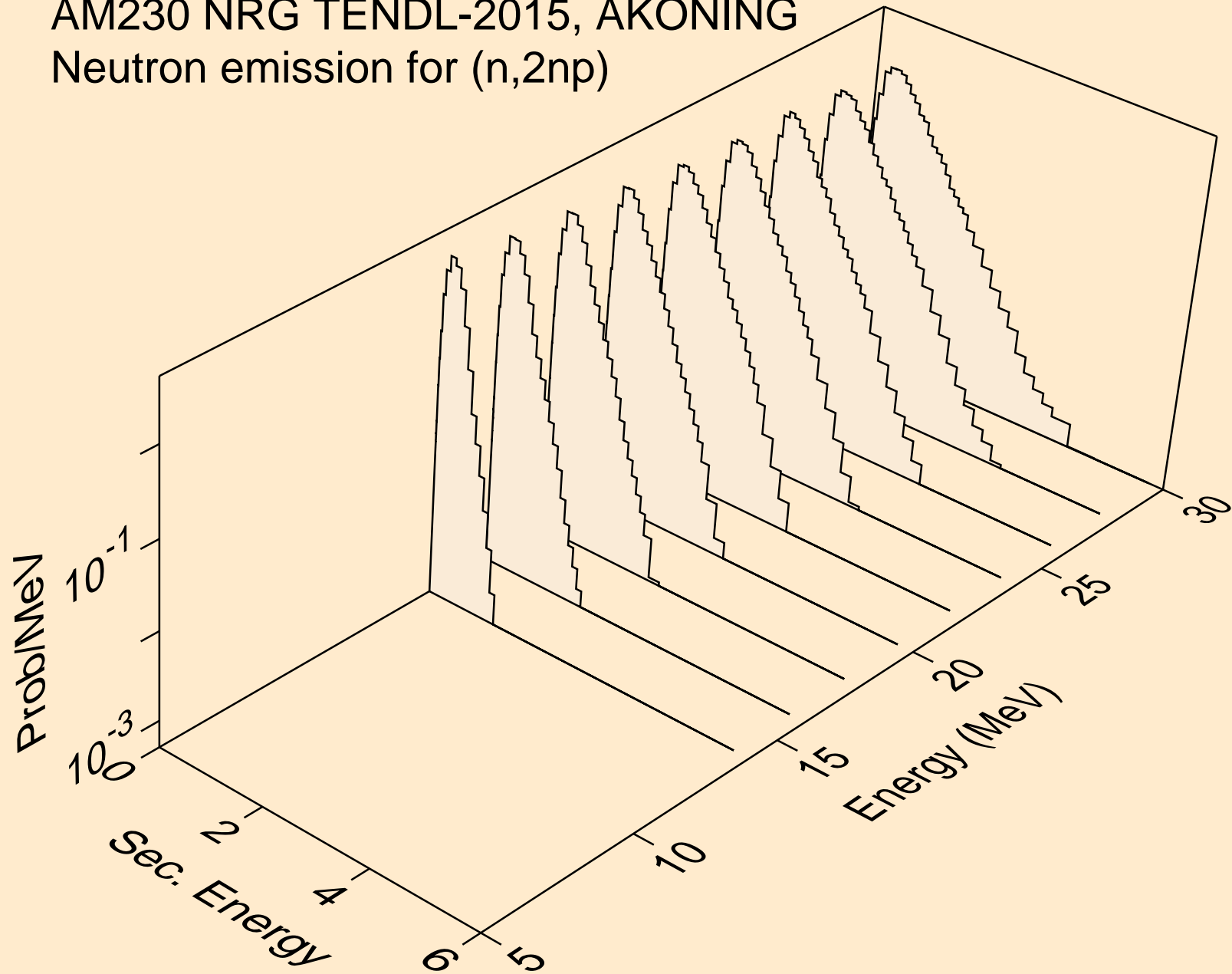
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



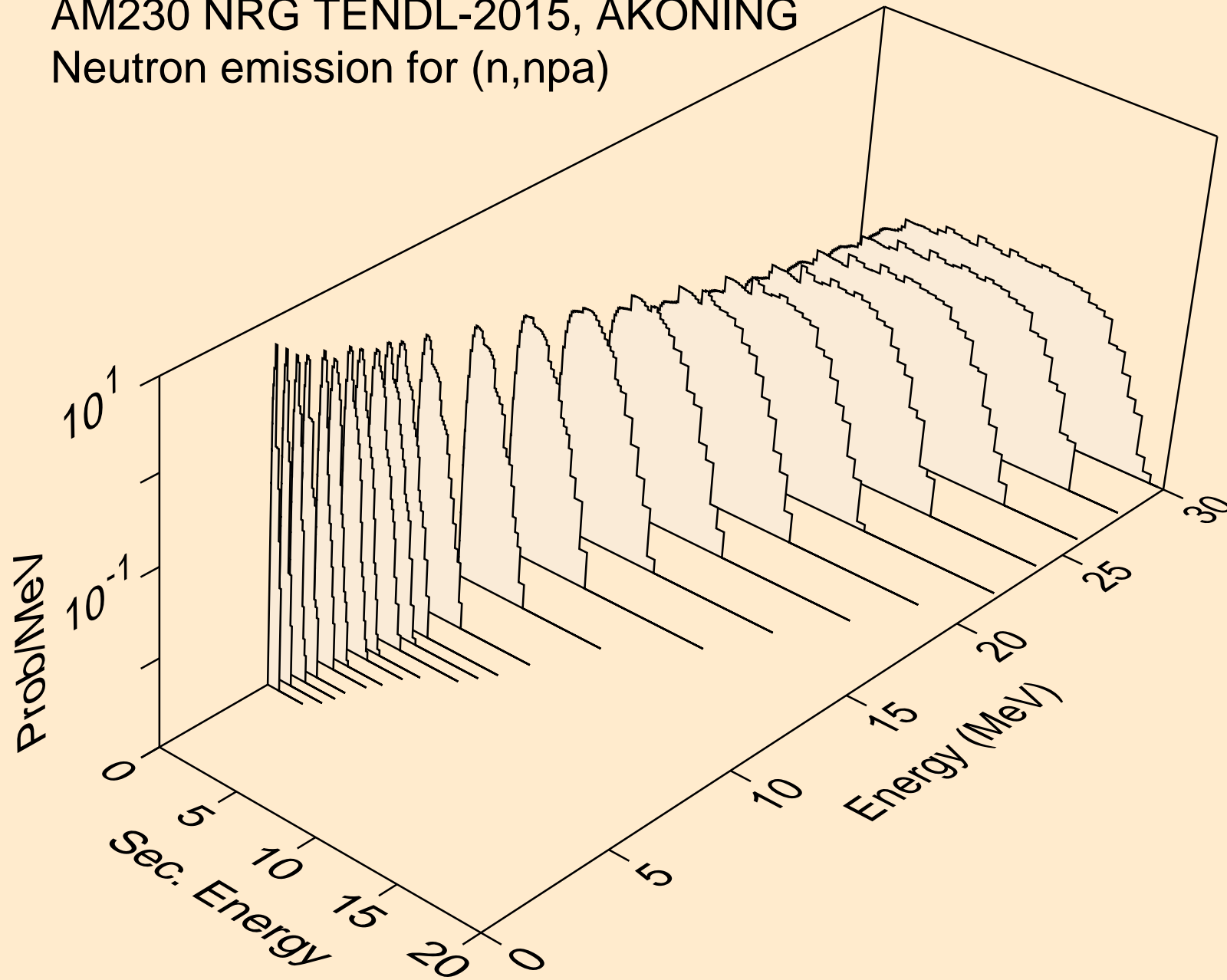
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



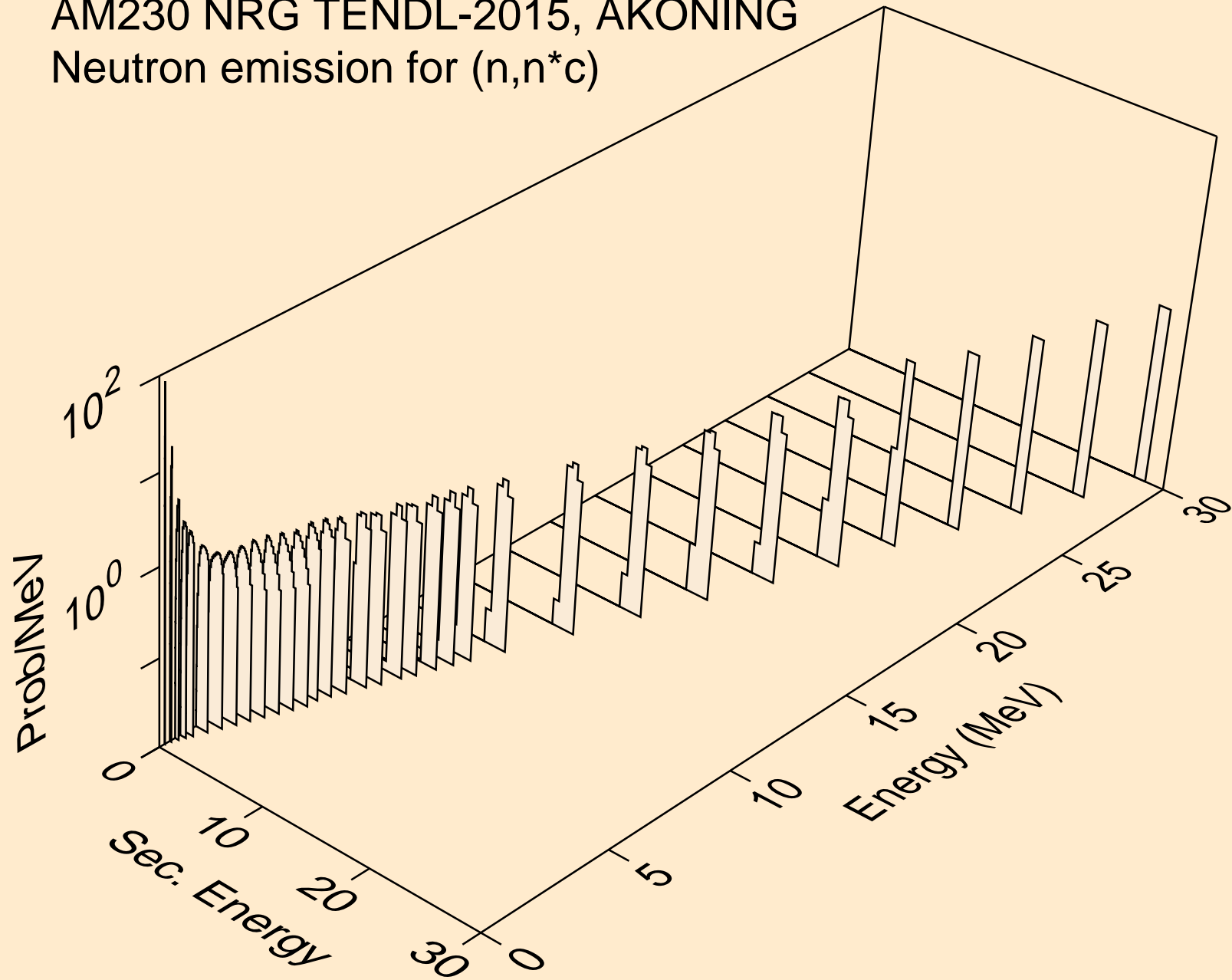
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



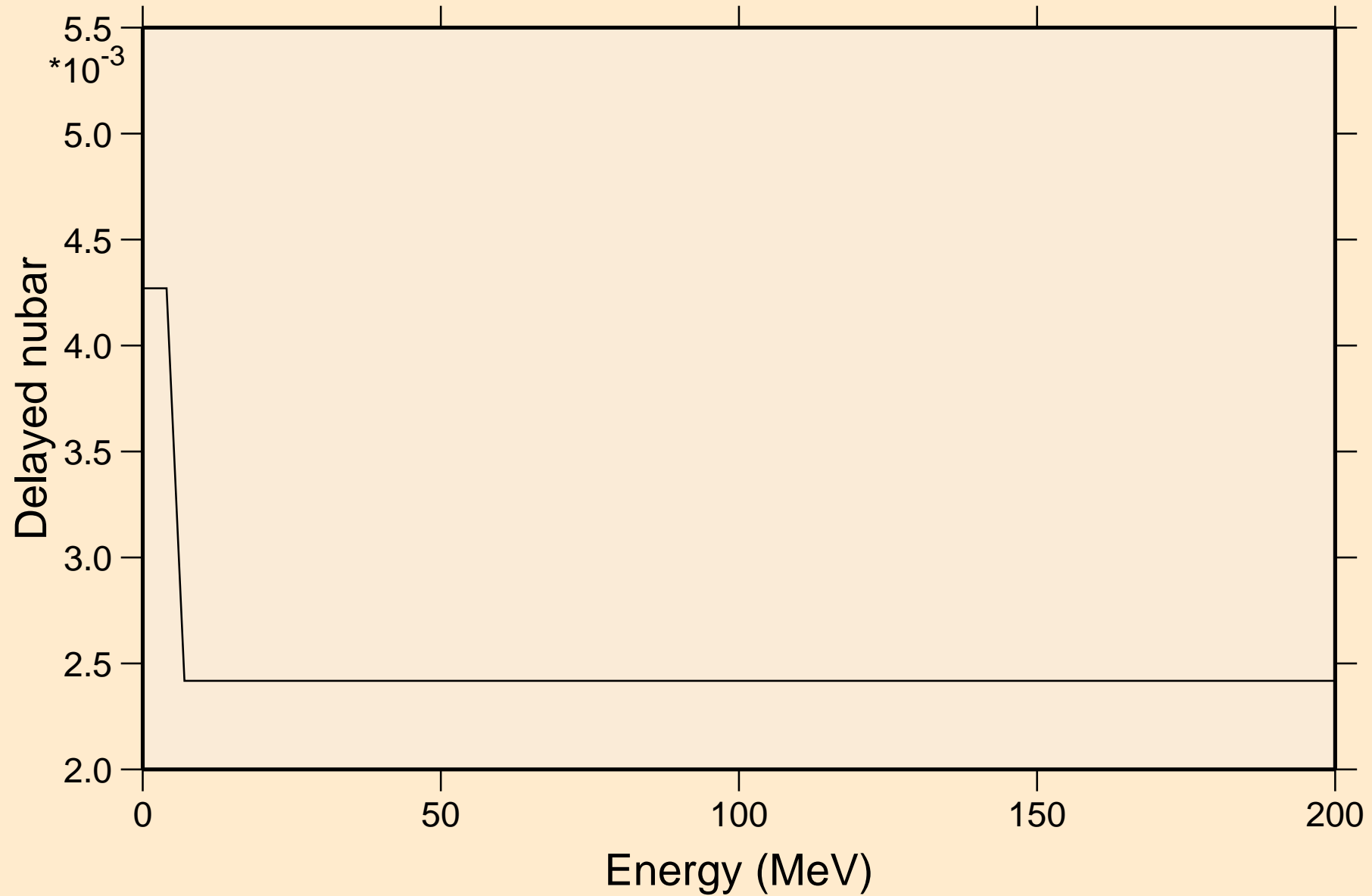
AM230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)





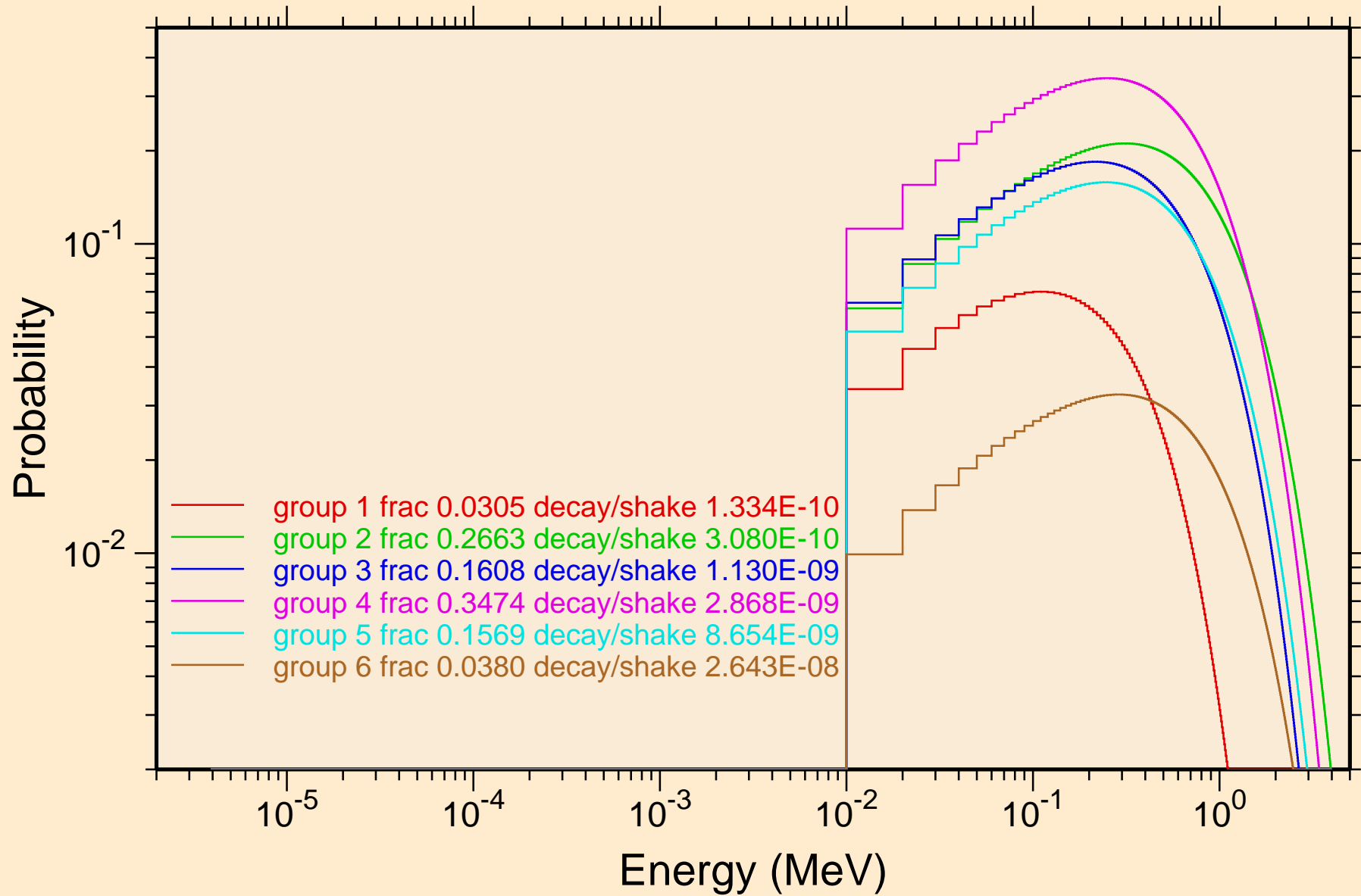
# AM230 NRG TENDL-2015, AKONING

## Delayed nubar

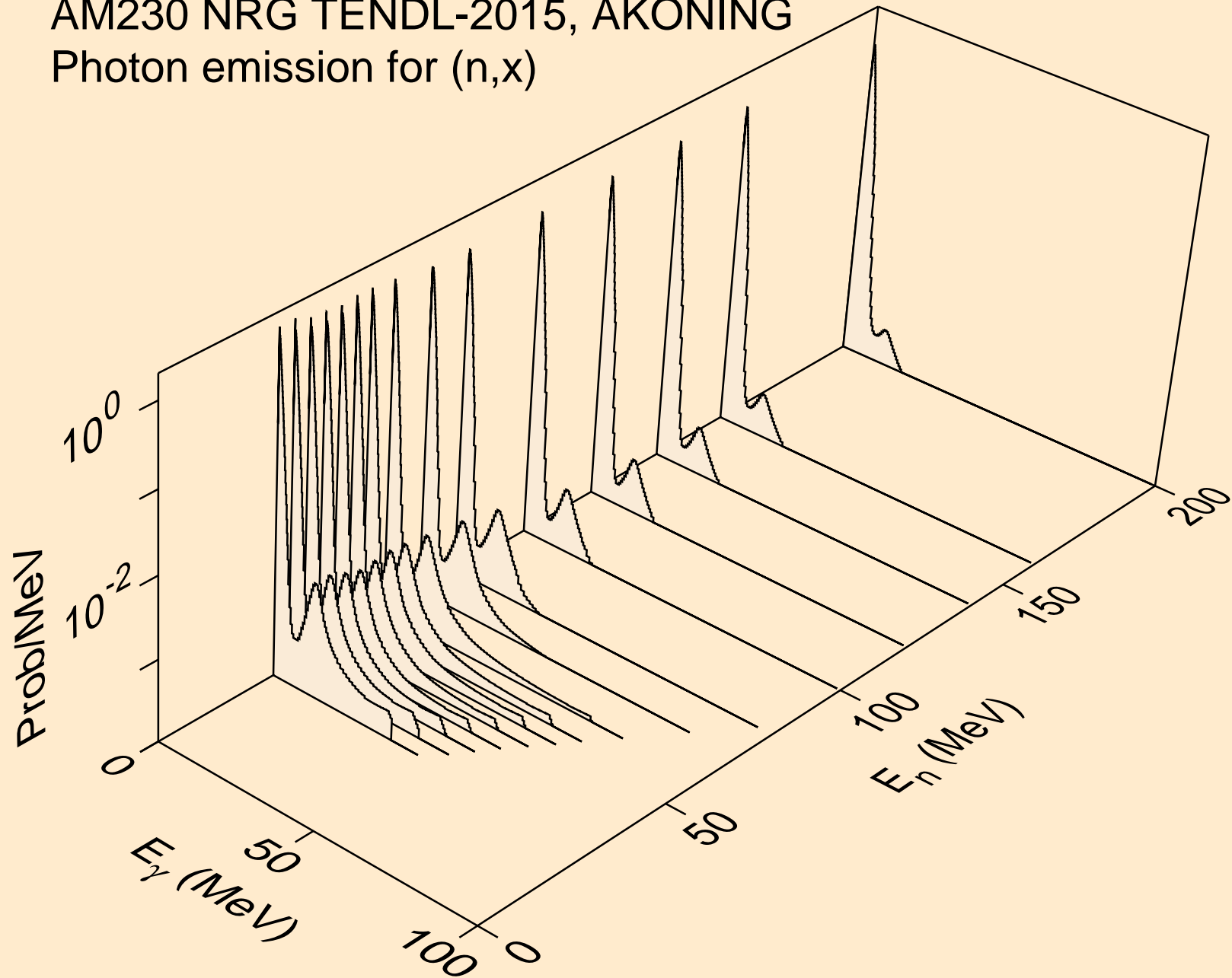


# AM230 NRG TENDL-2015, AKONING

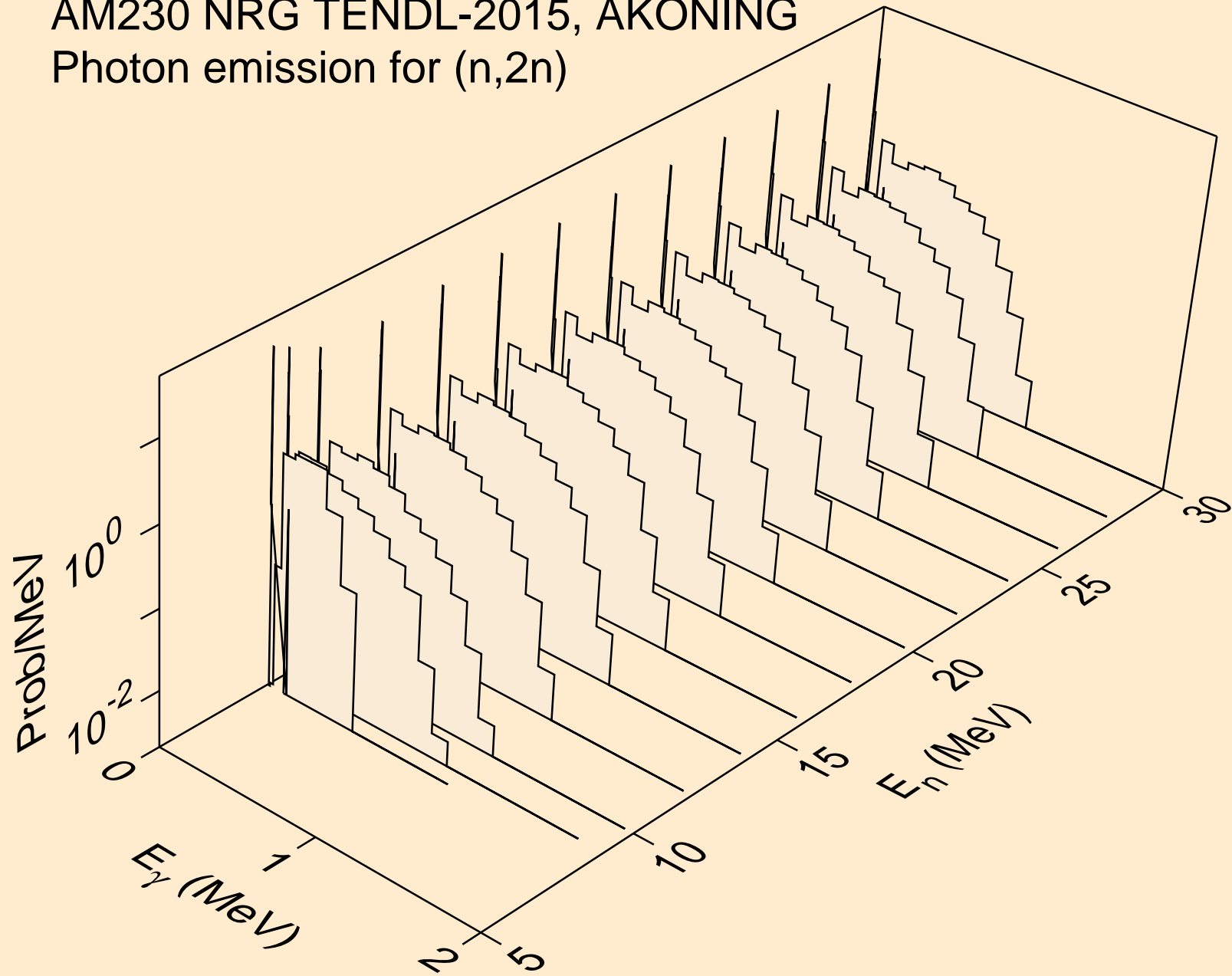
## Delayed neutron spectra



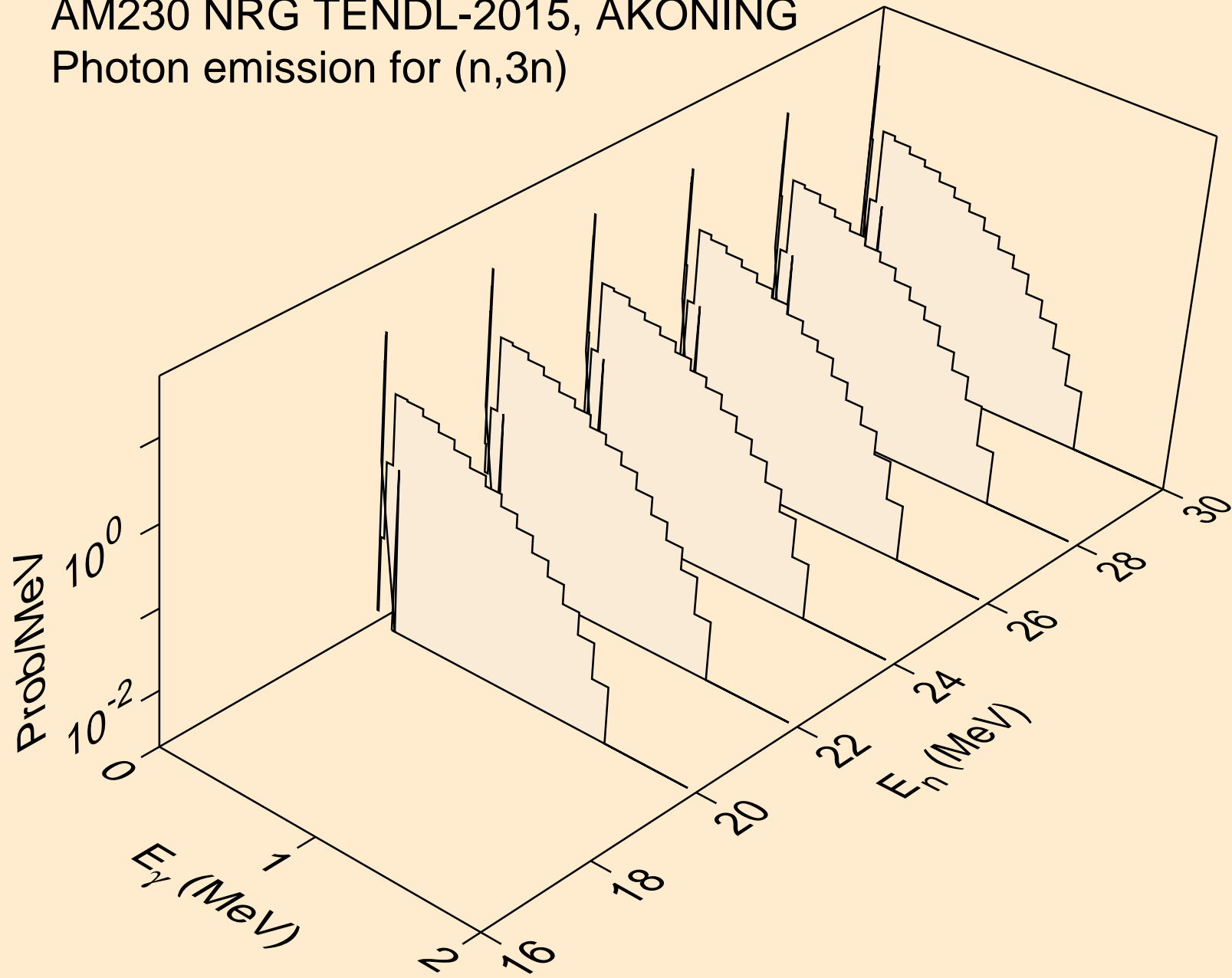
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



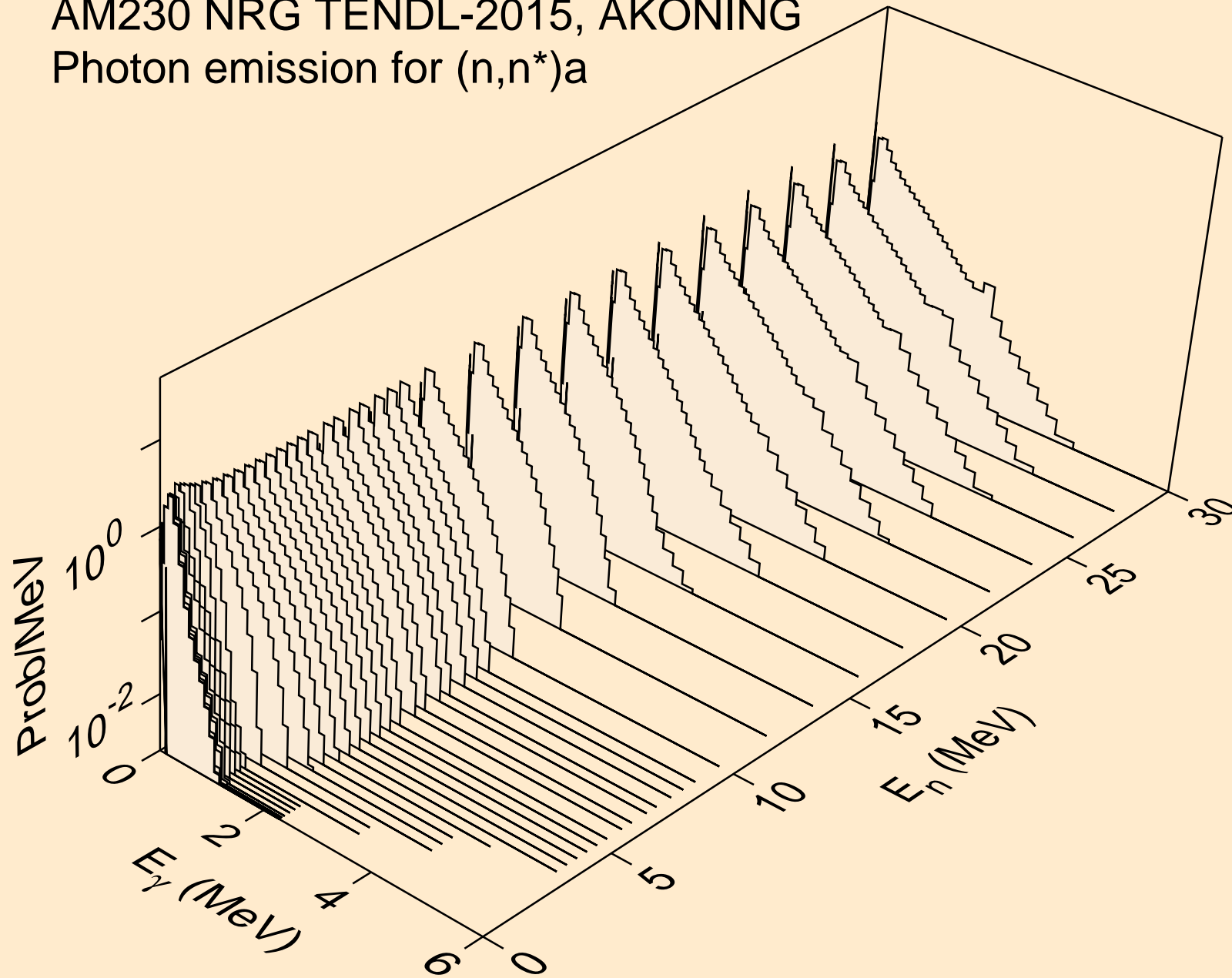
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



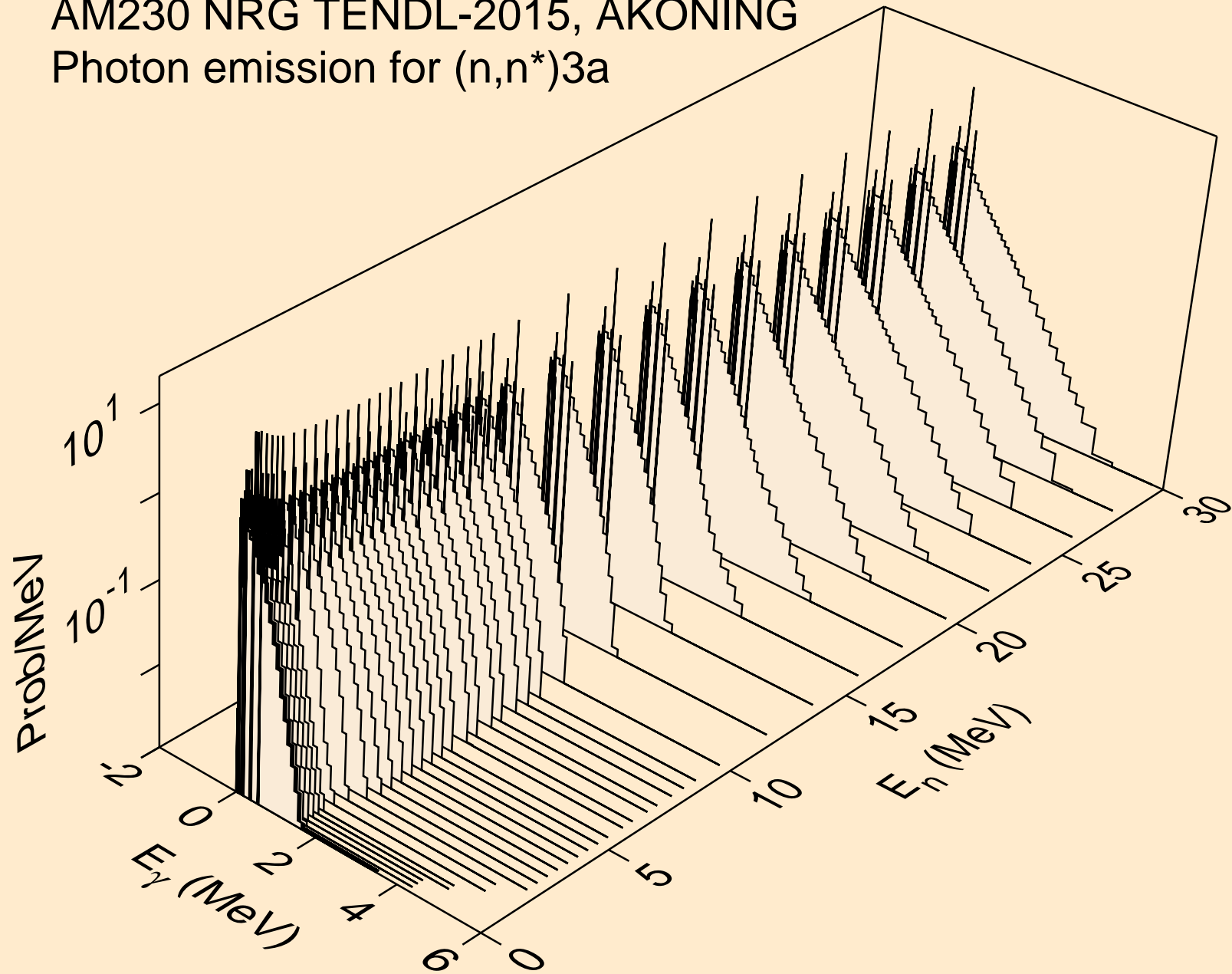
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



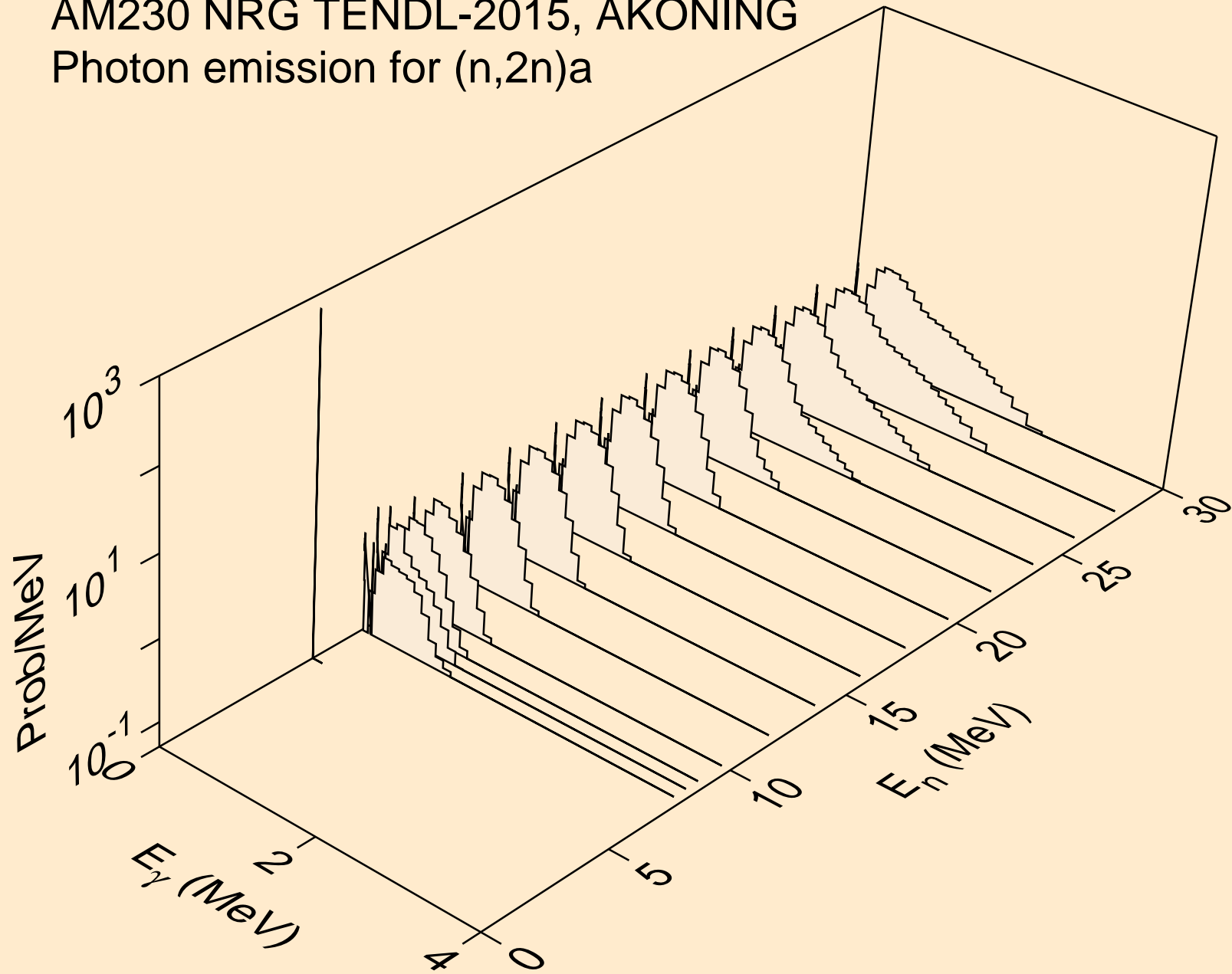
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

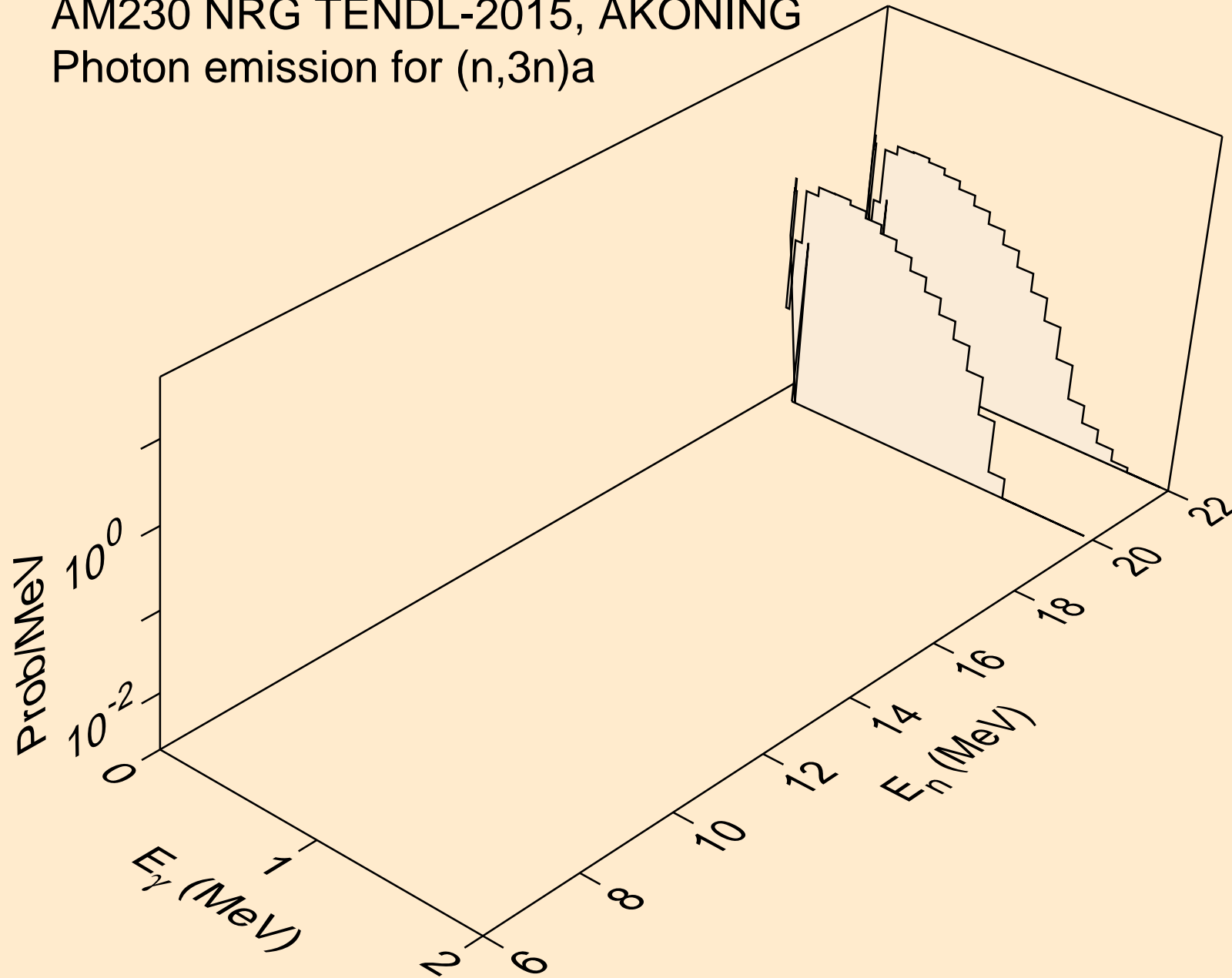


AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

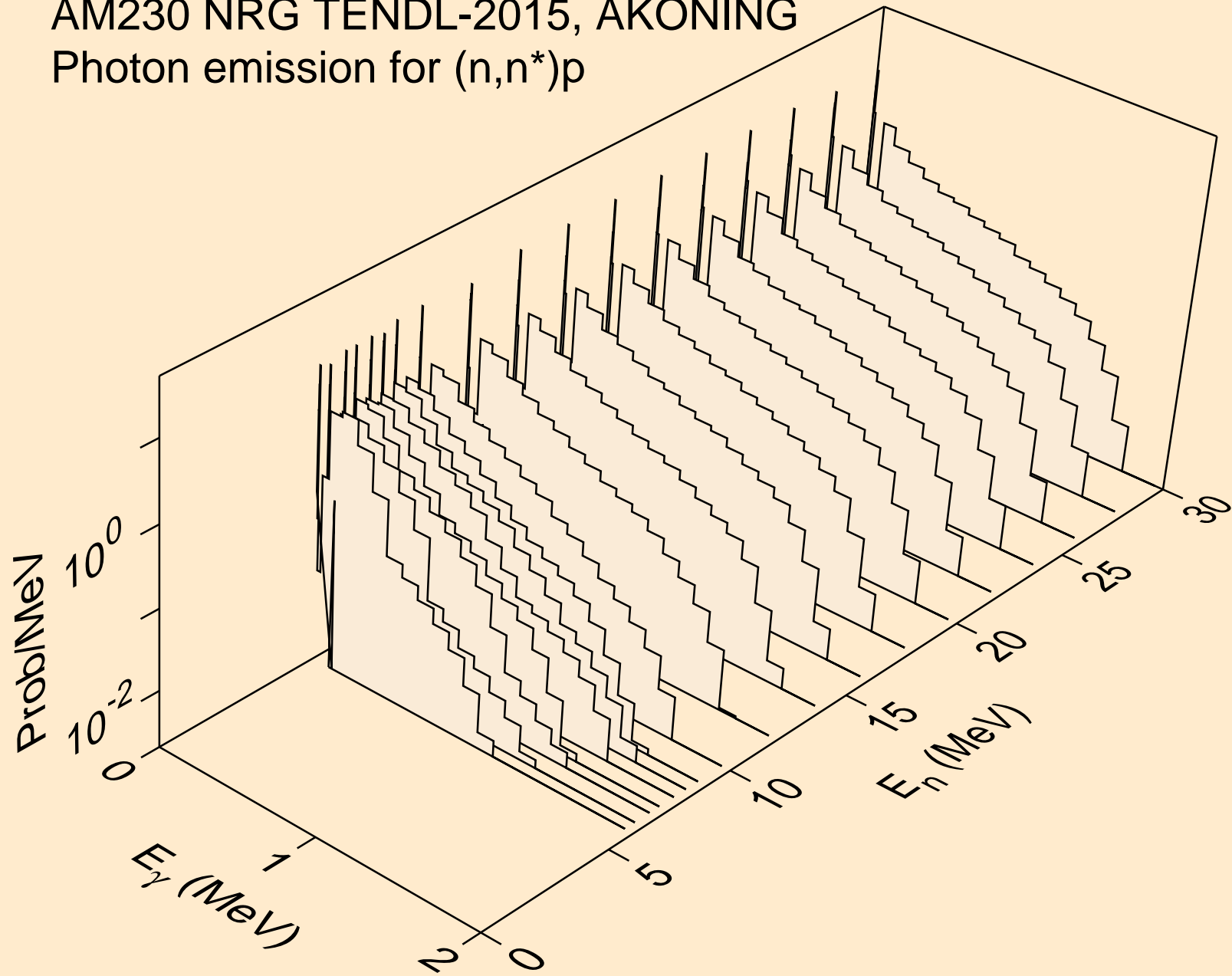




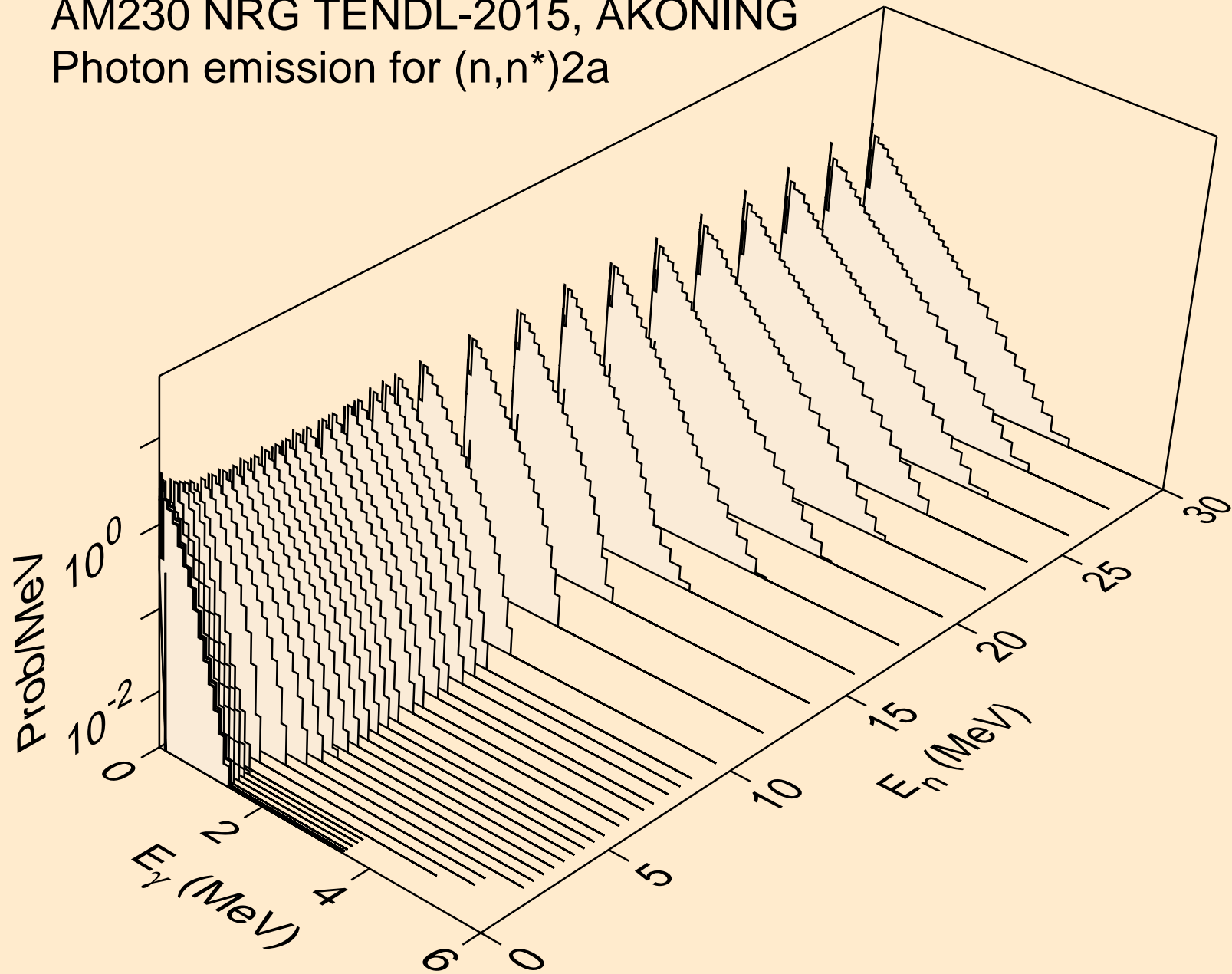
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



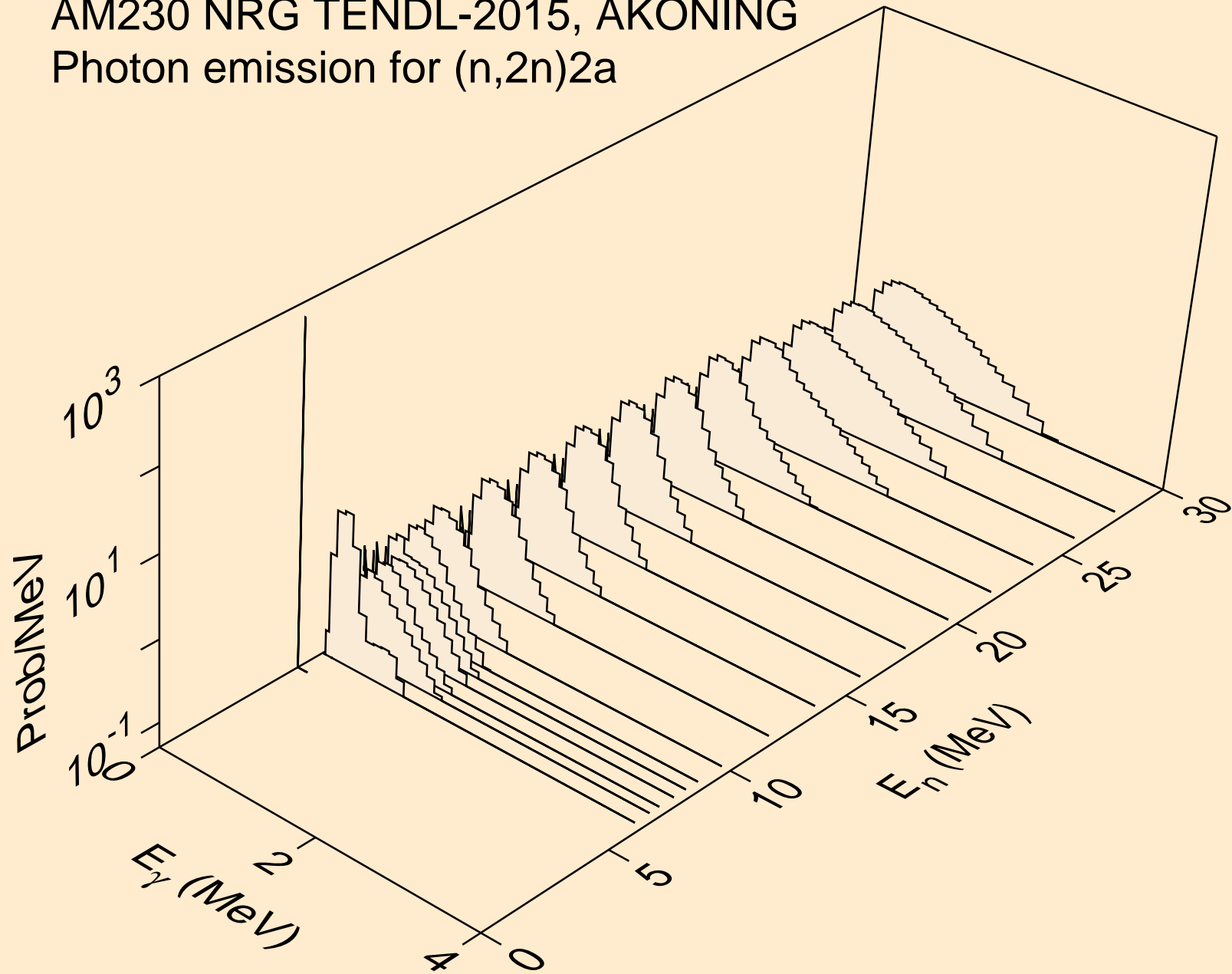
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



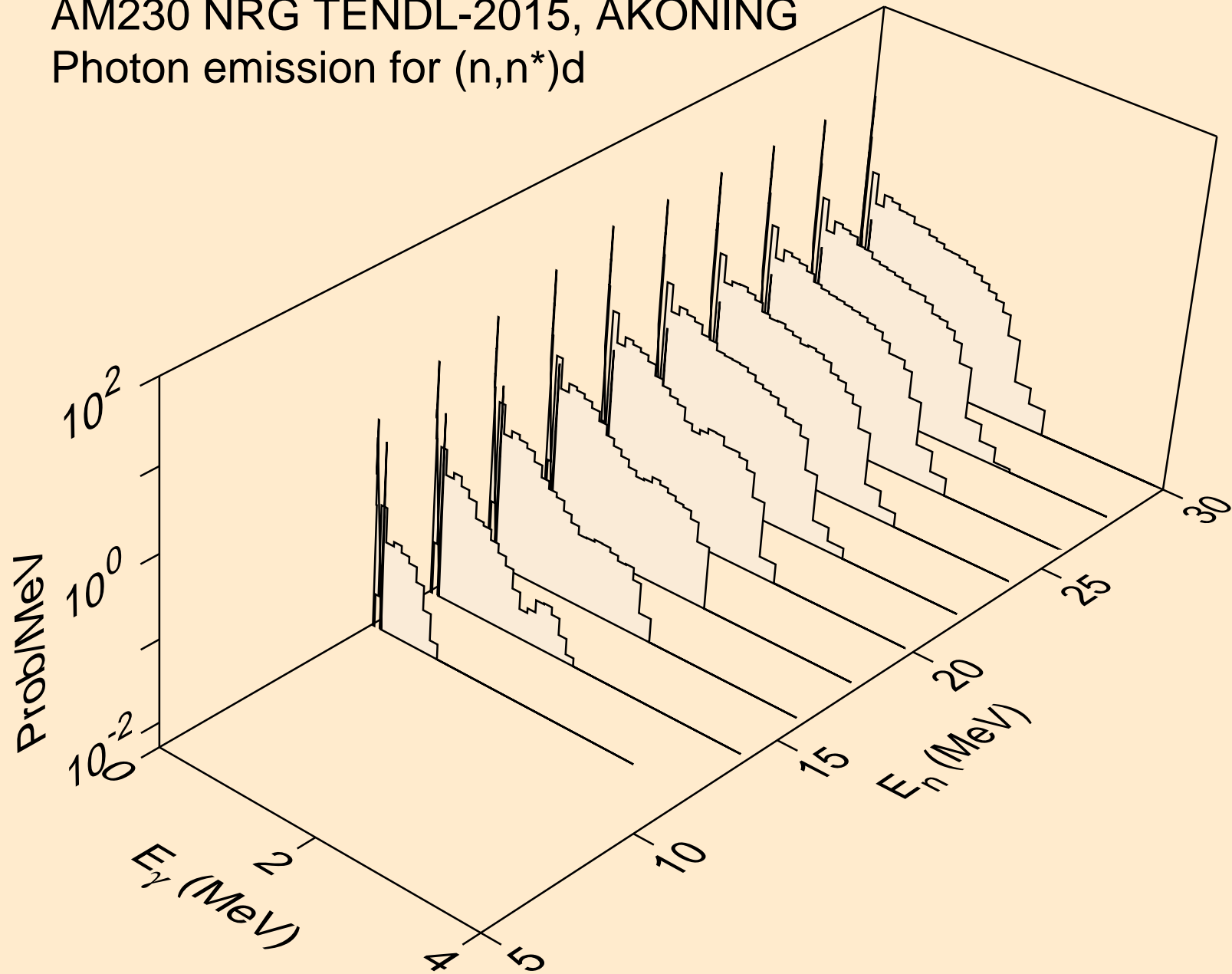
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



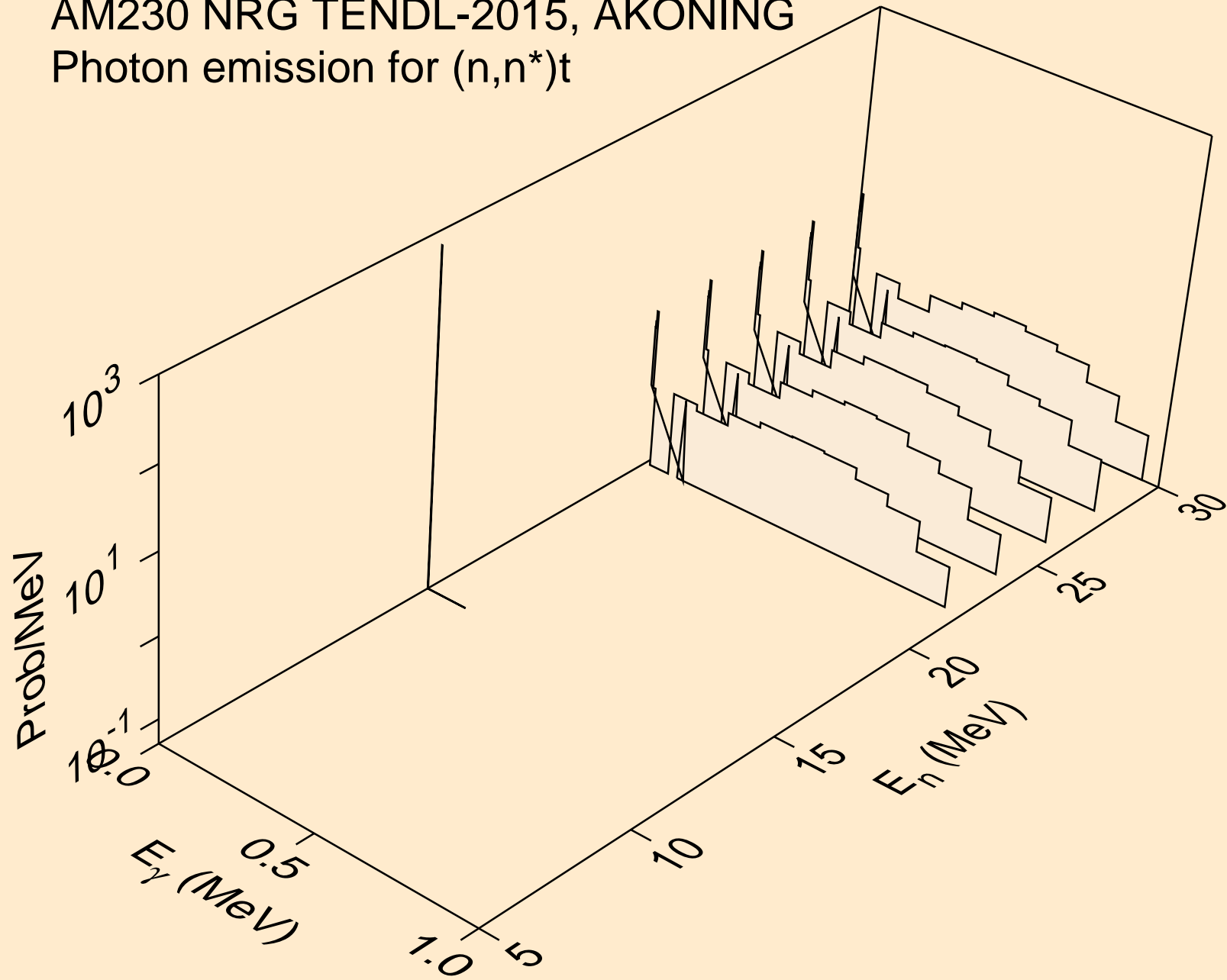
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



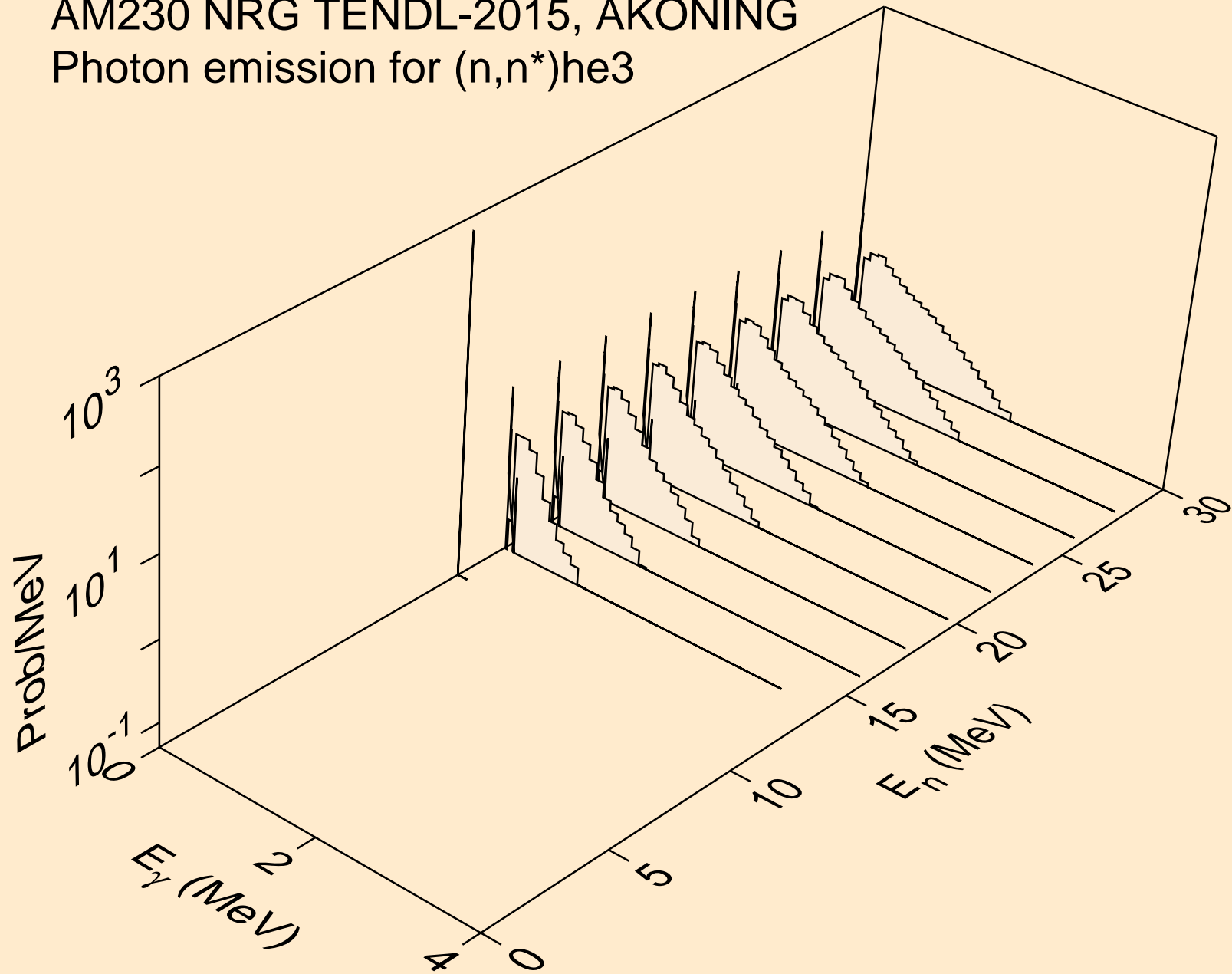
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



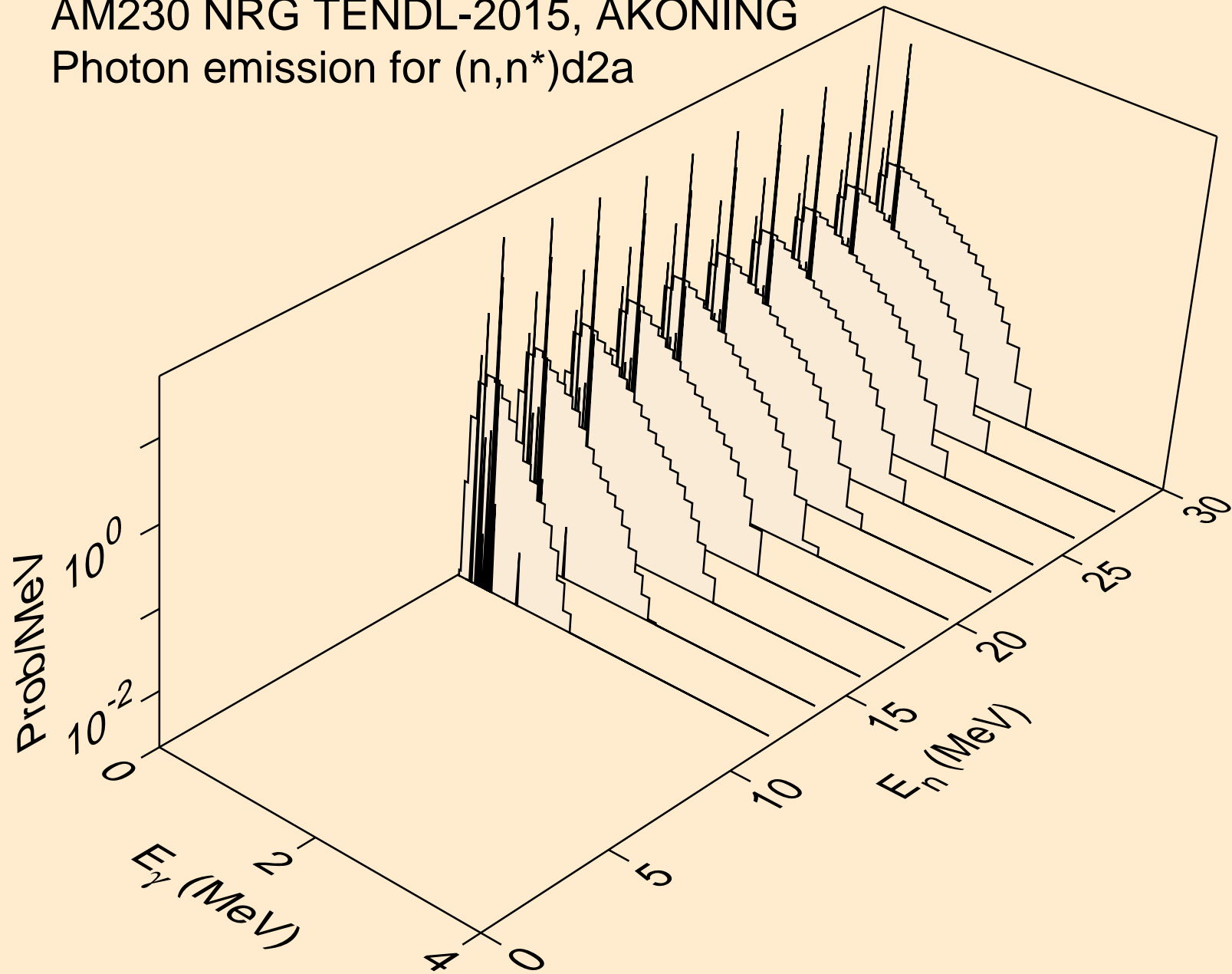
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

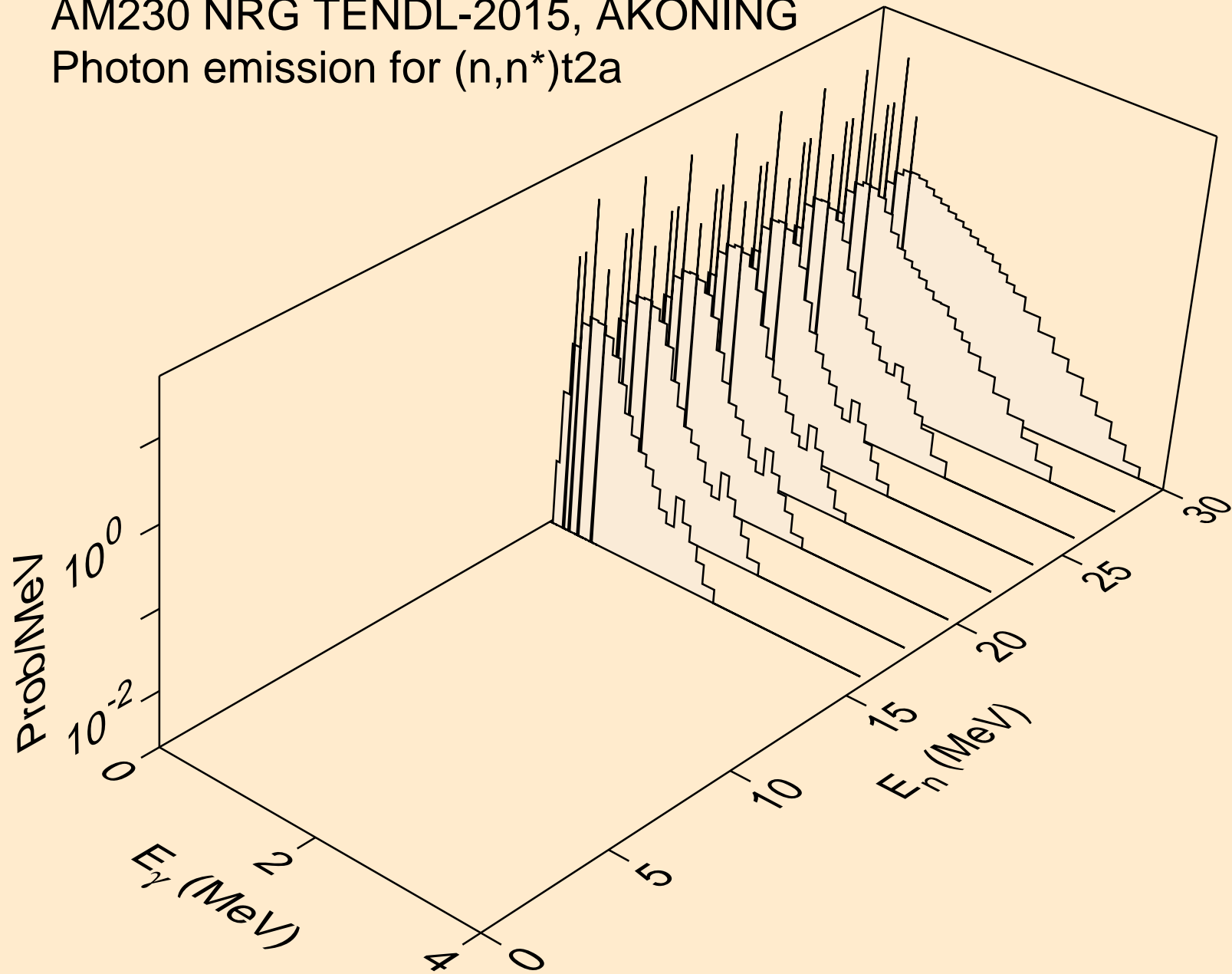


AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a

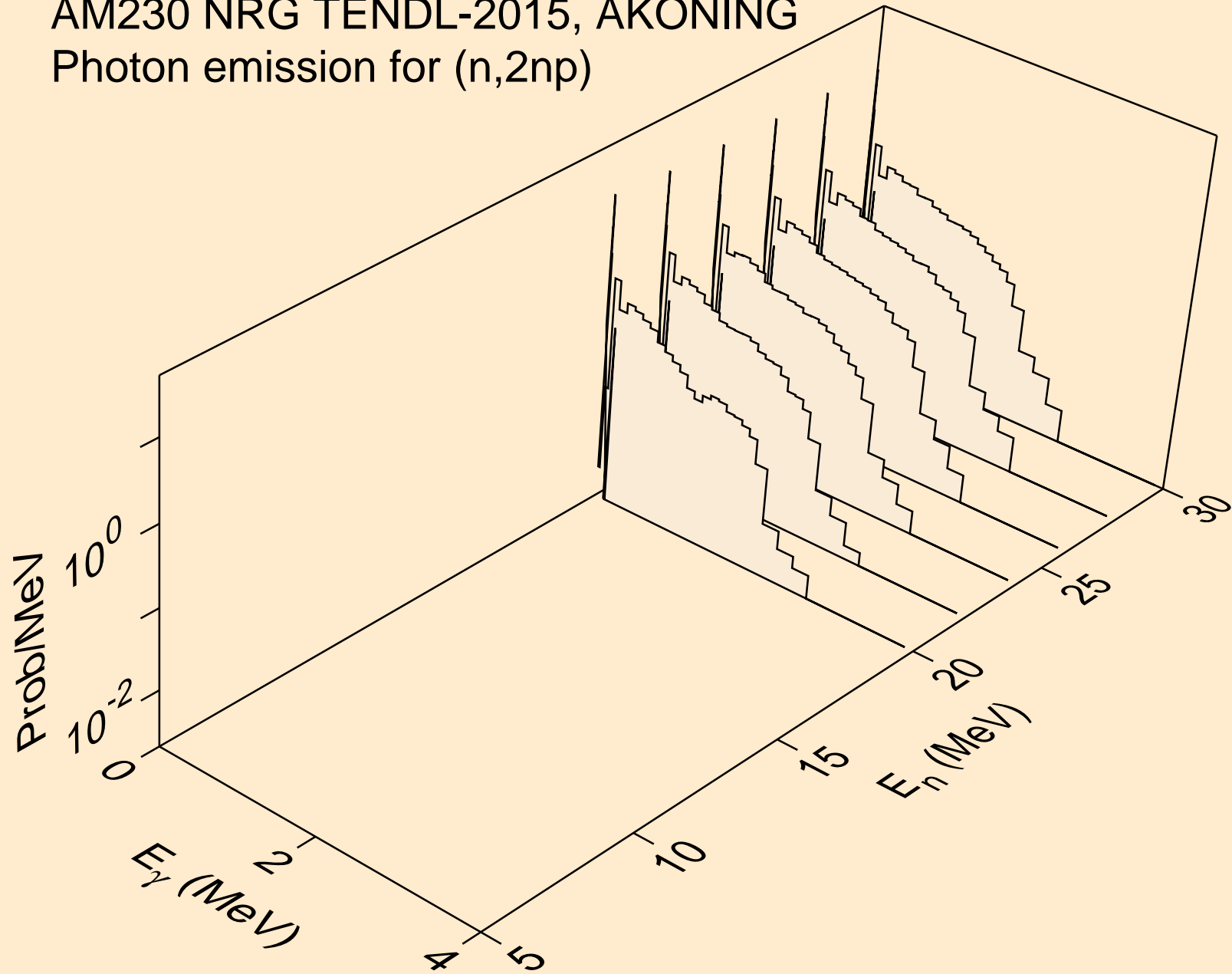




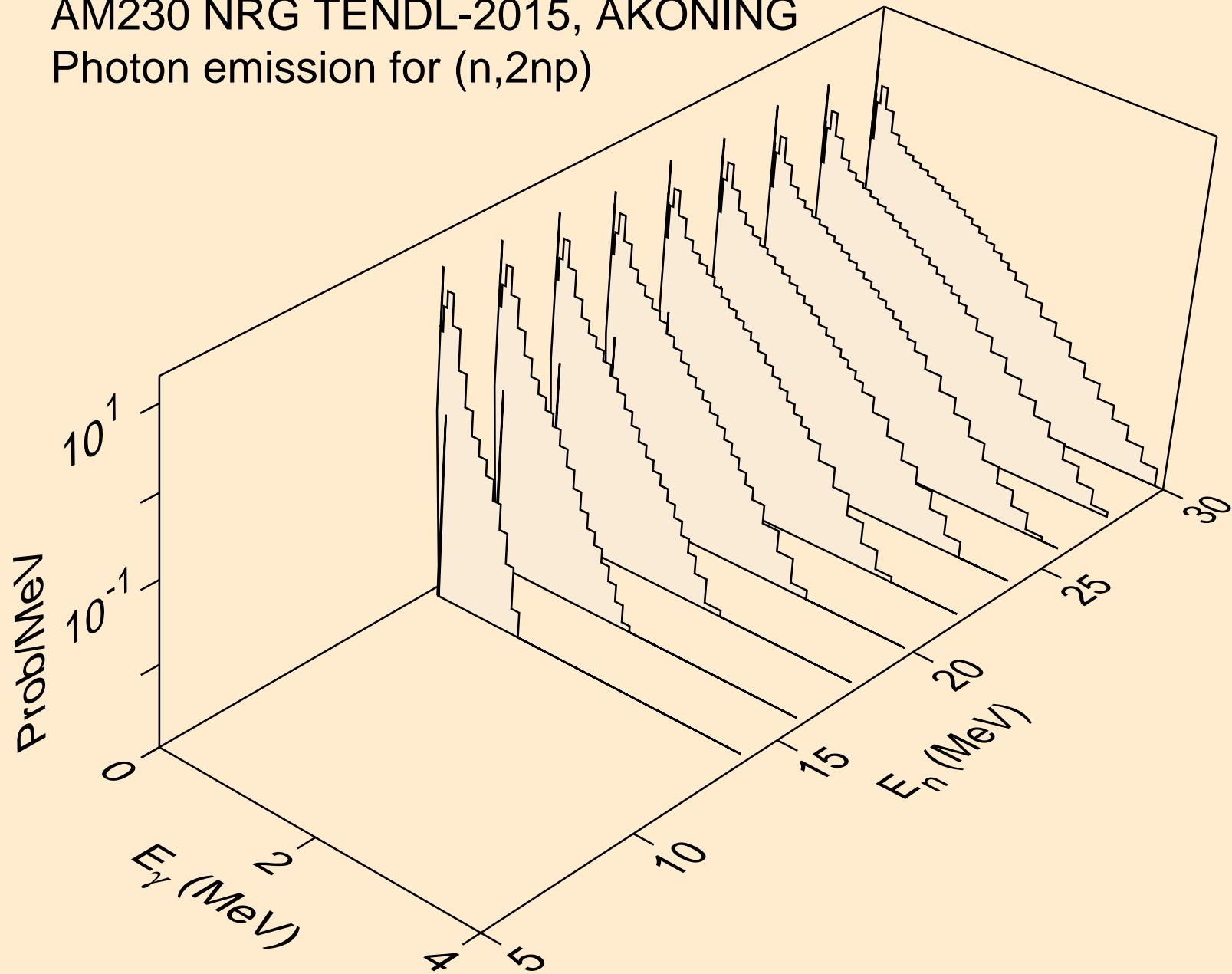
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



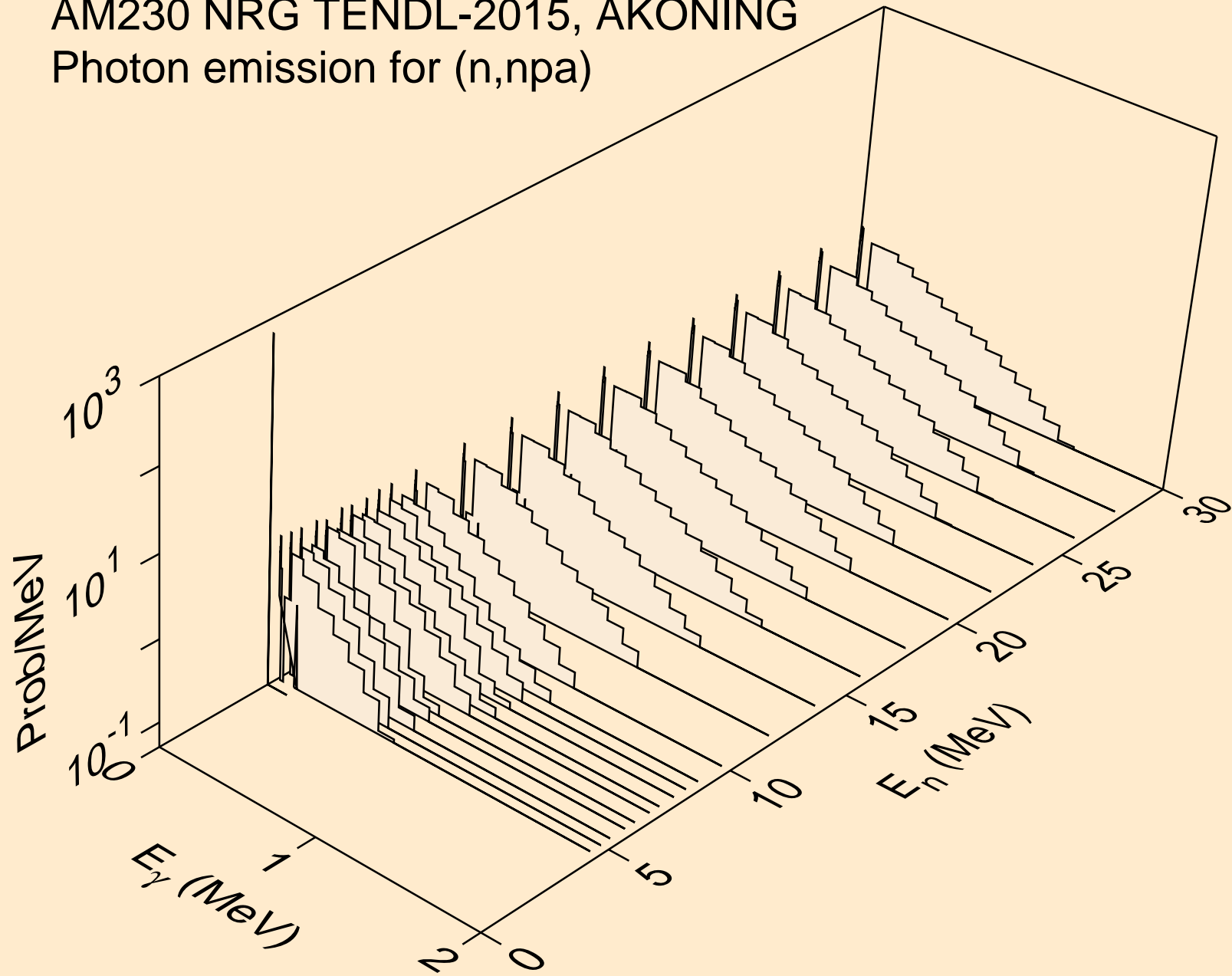
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



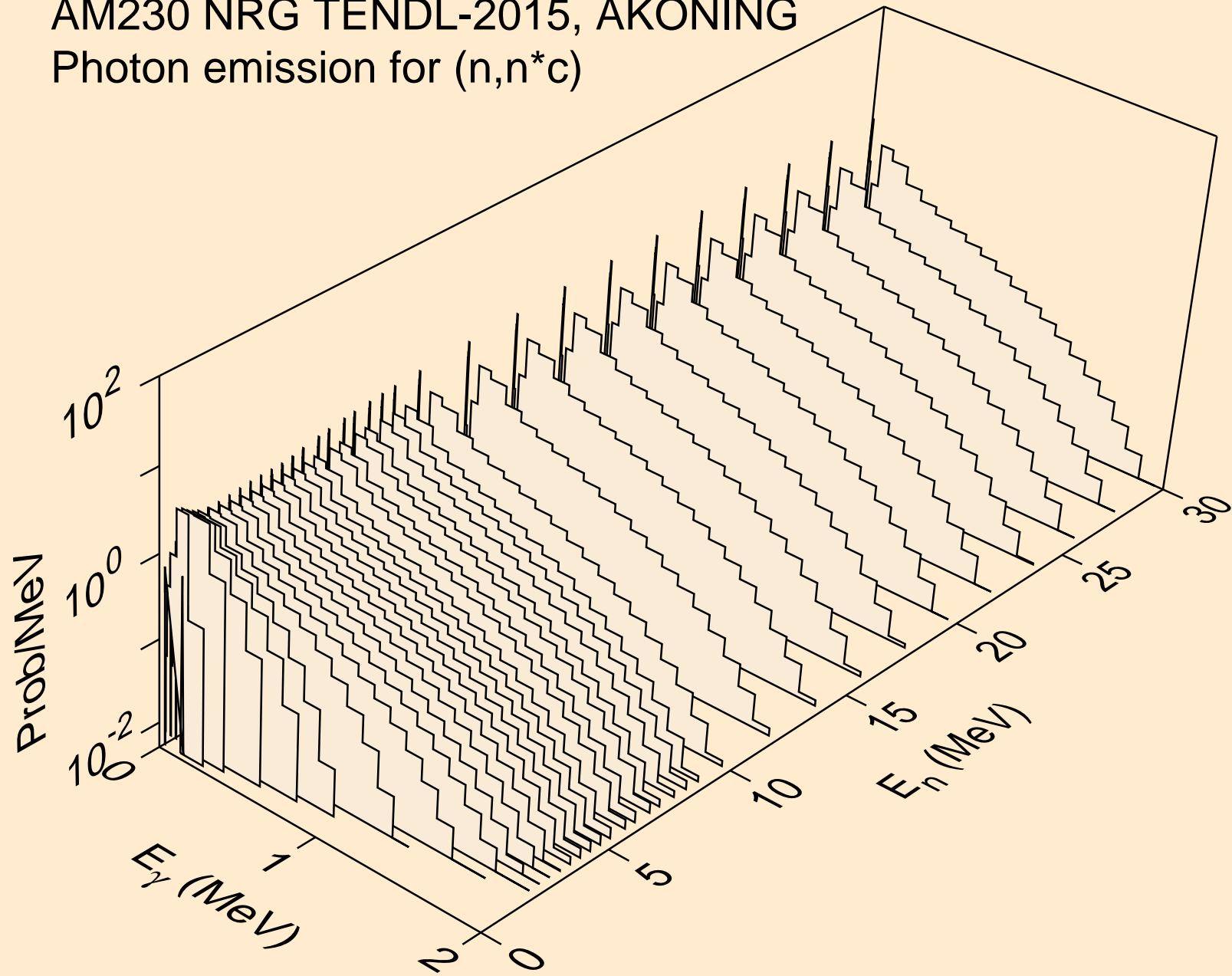
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



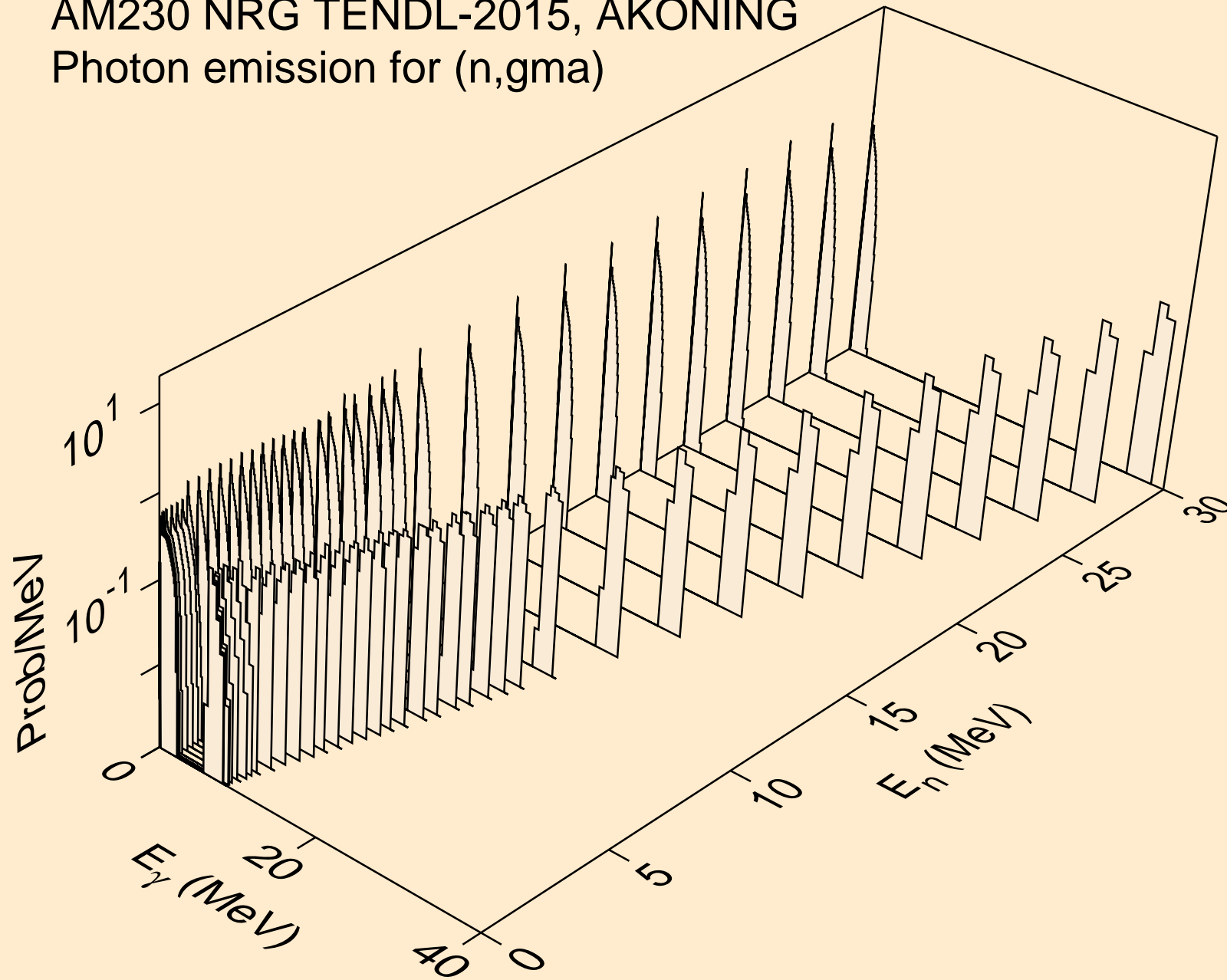
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



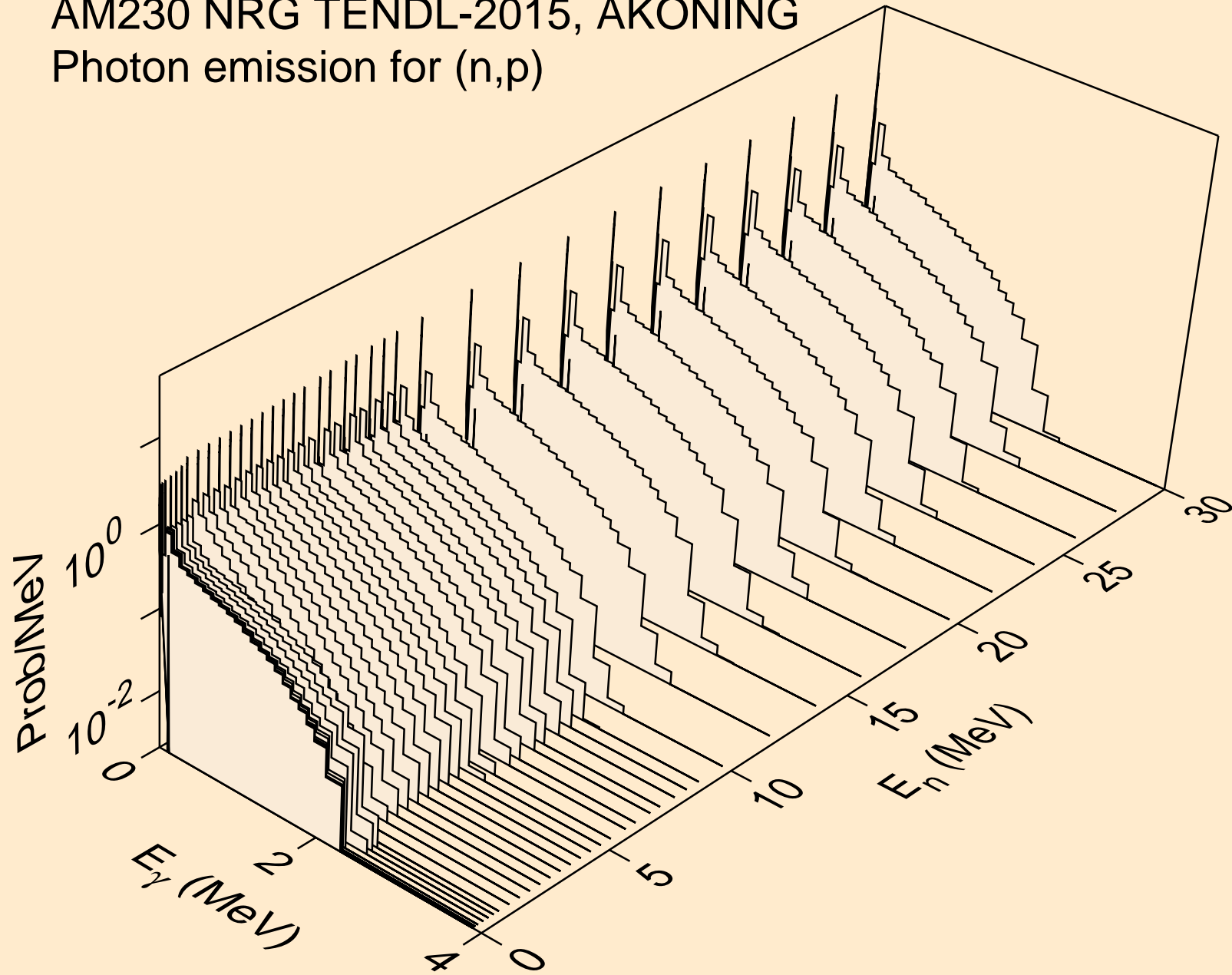
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



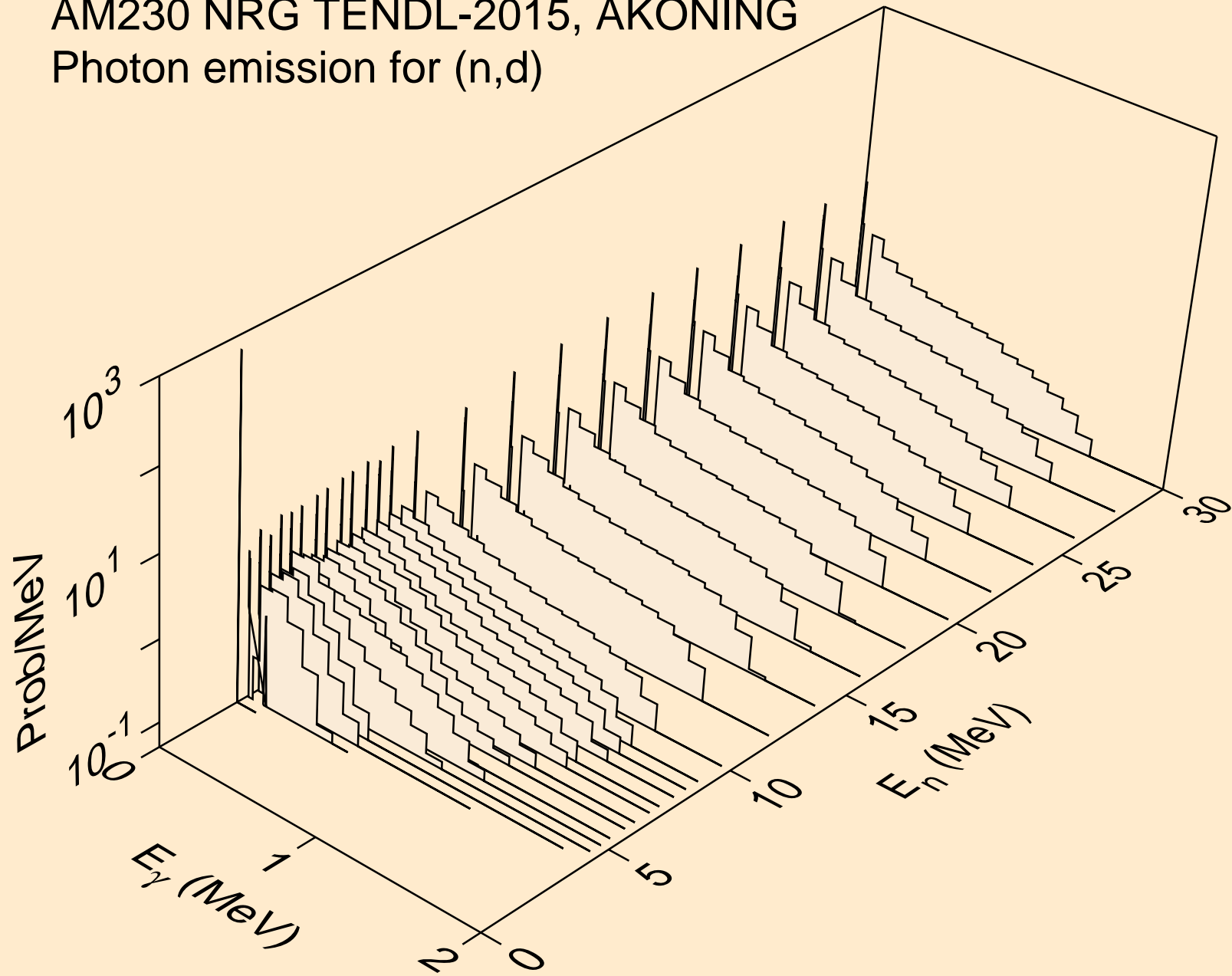
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

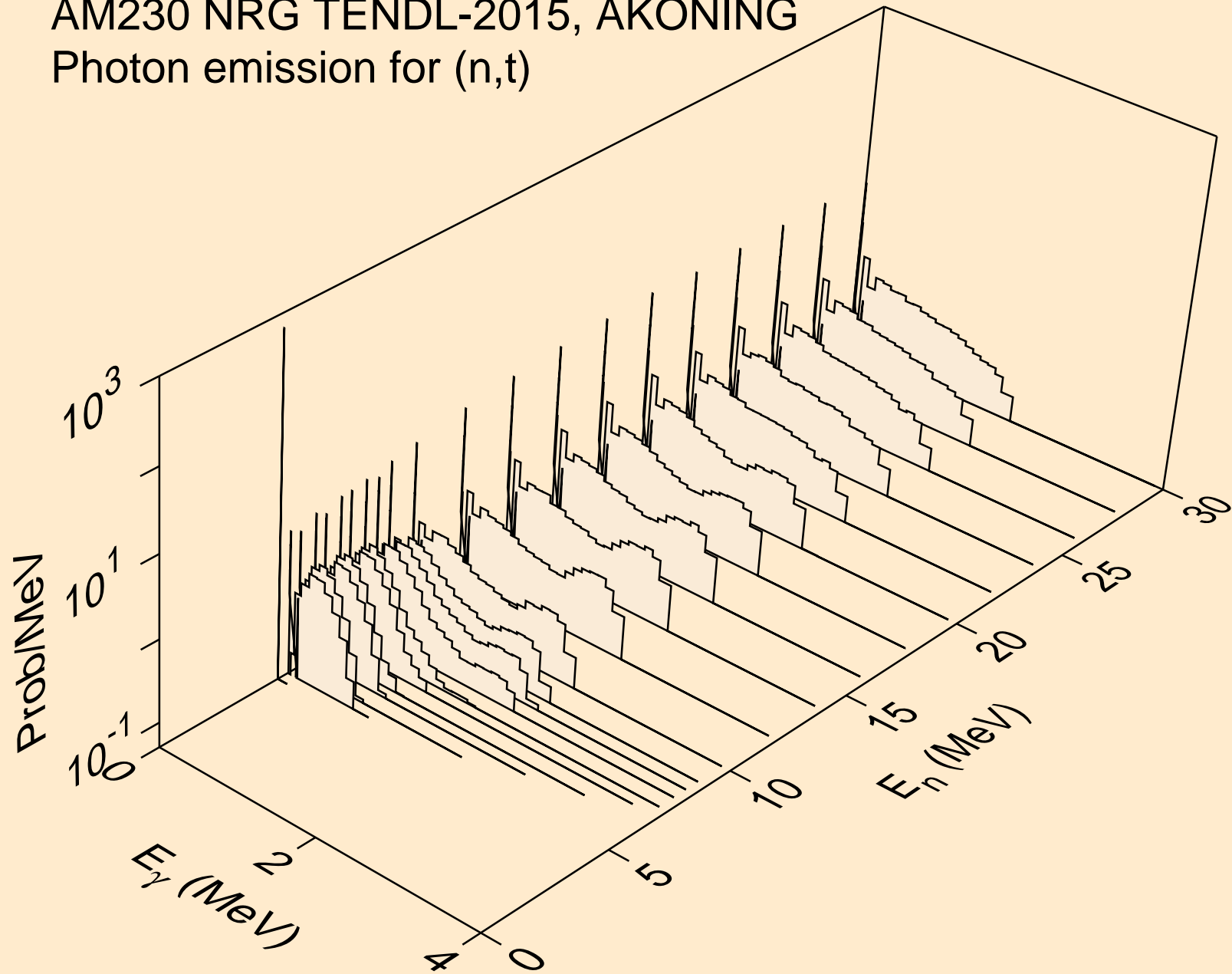


AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

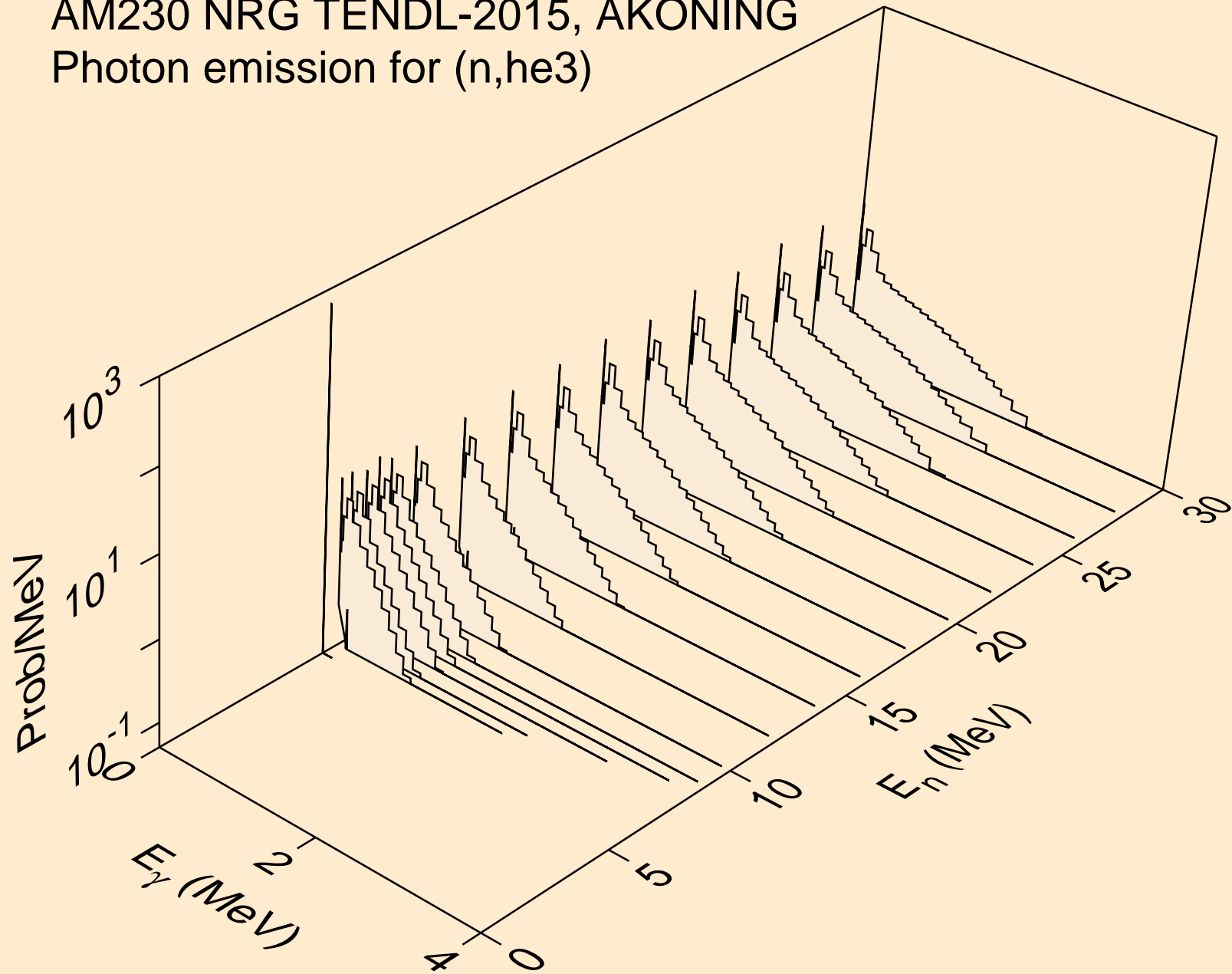




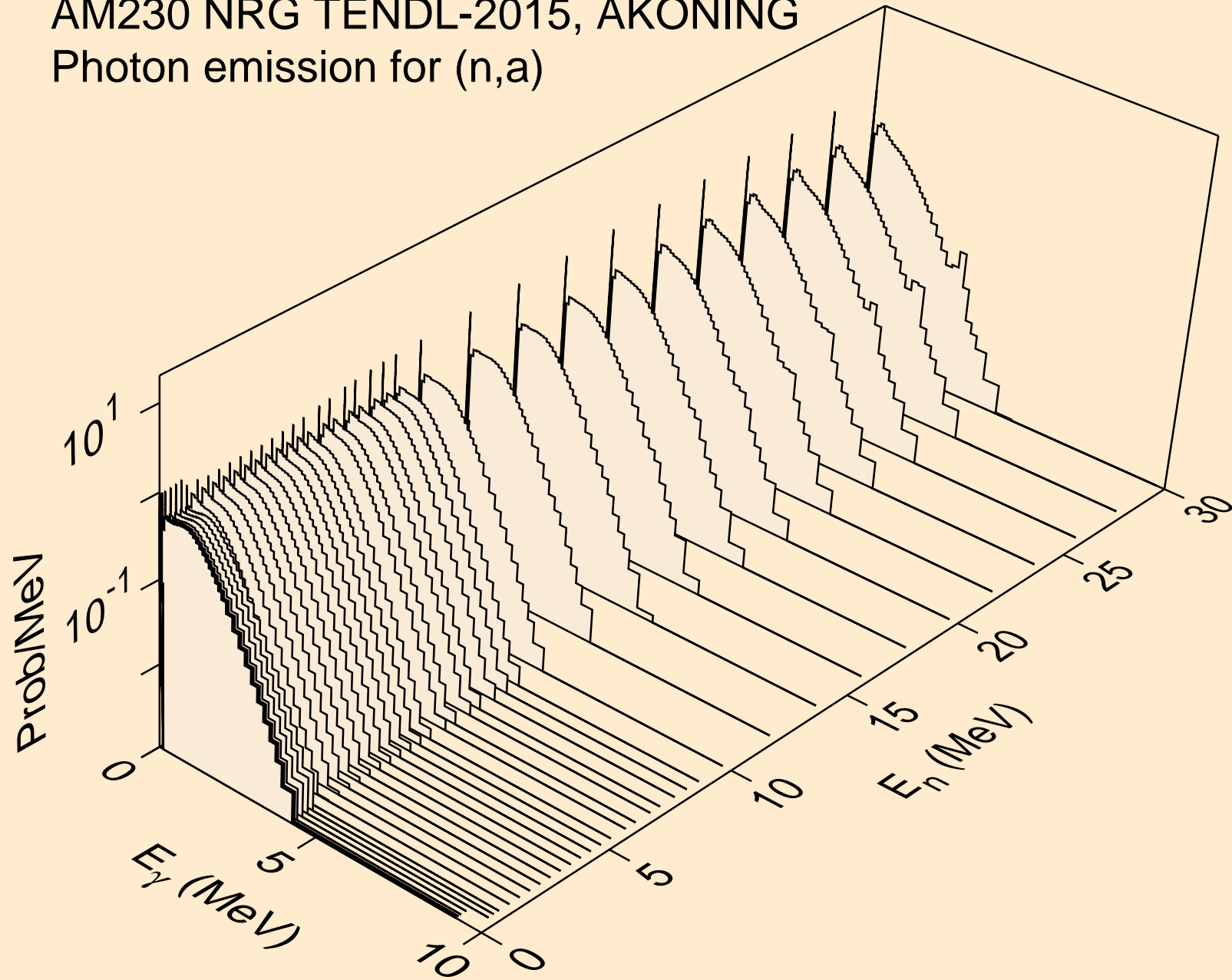
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



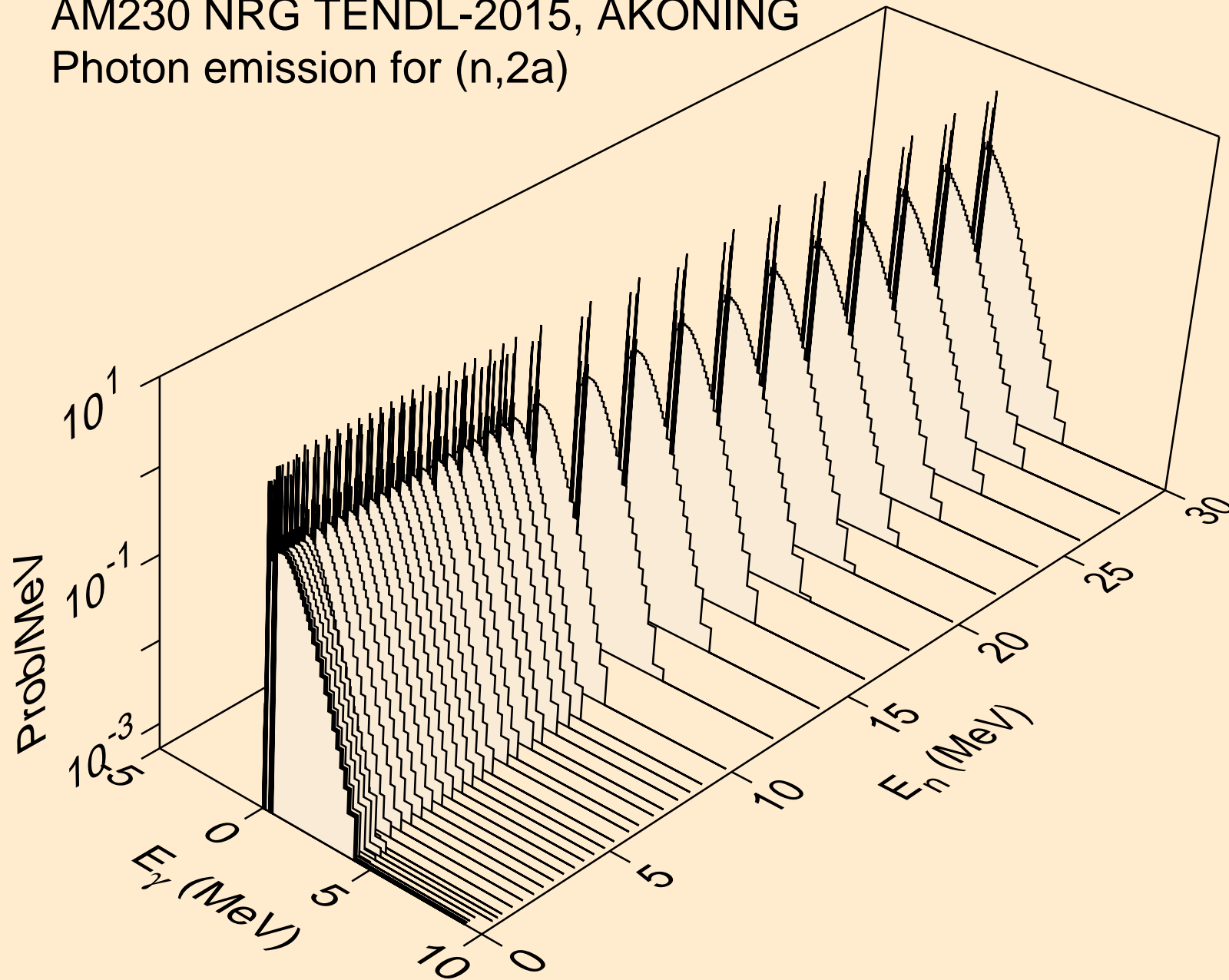
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



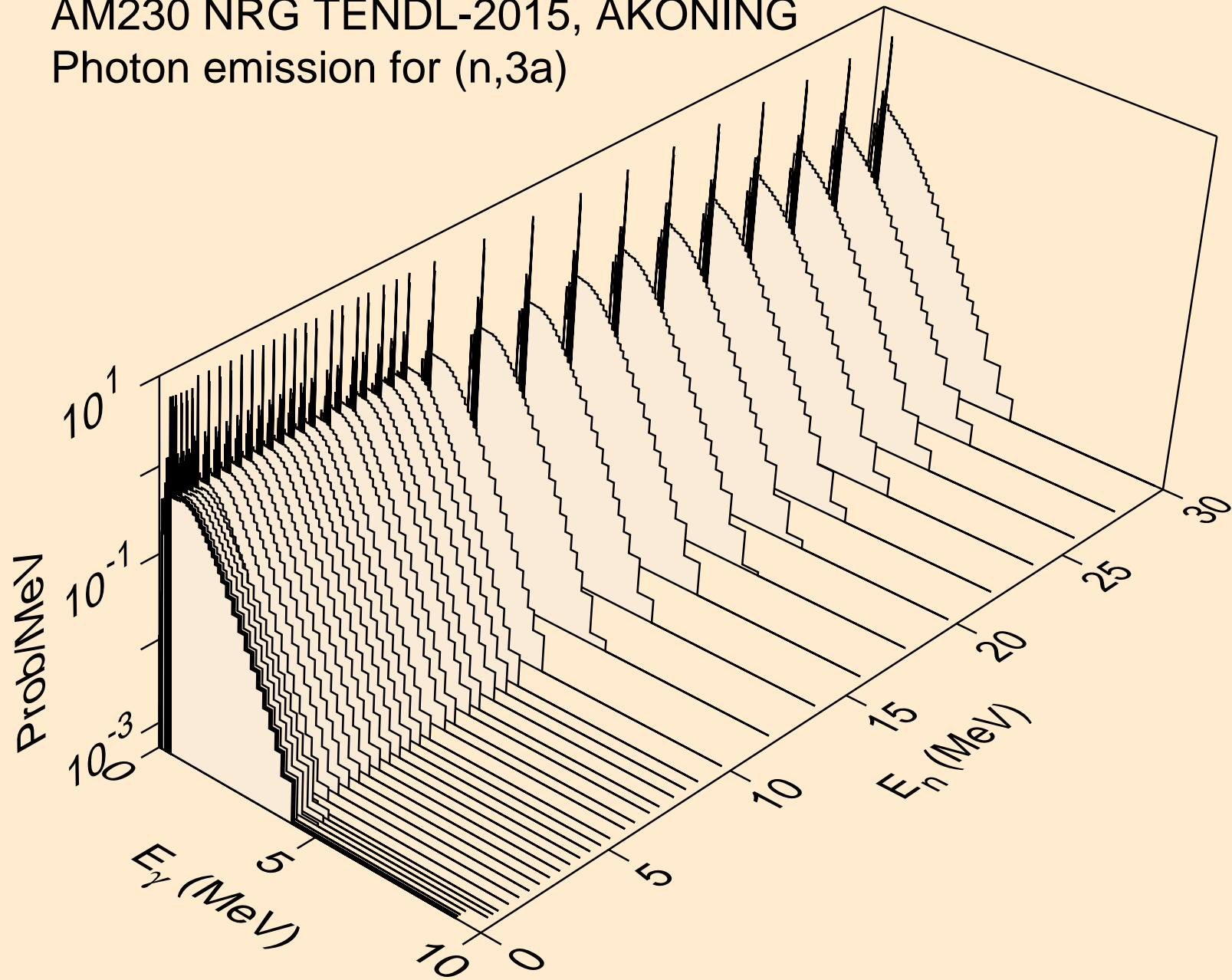
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



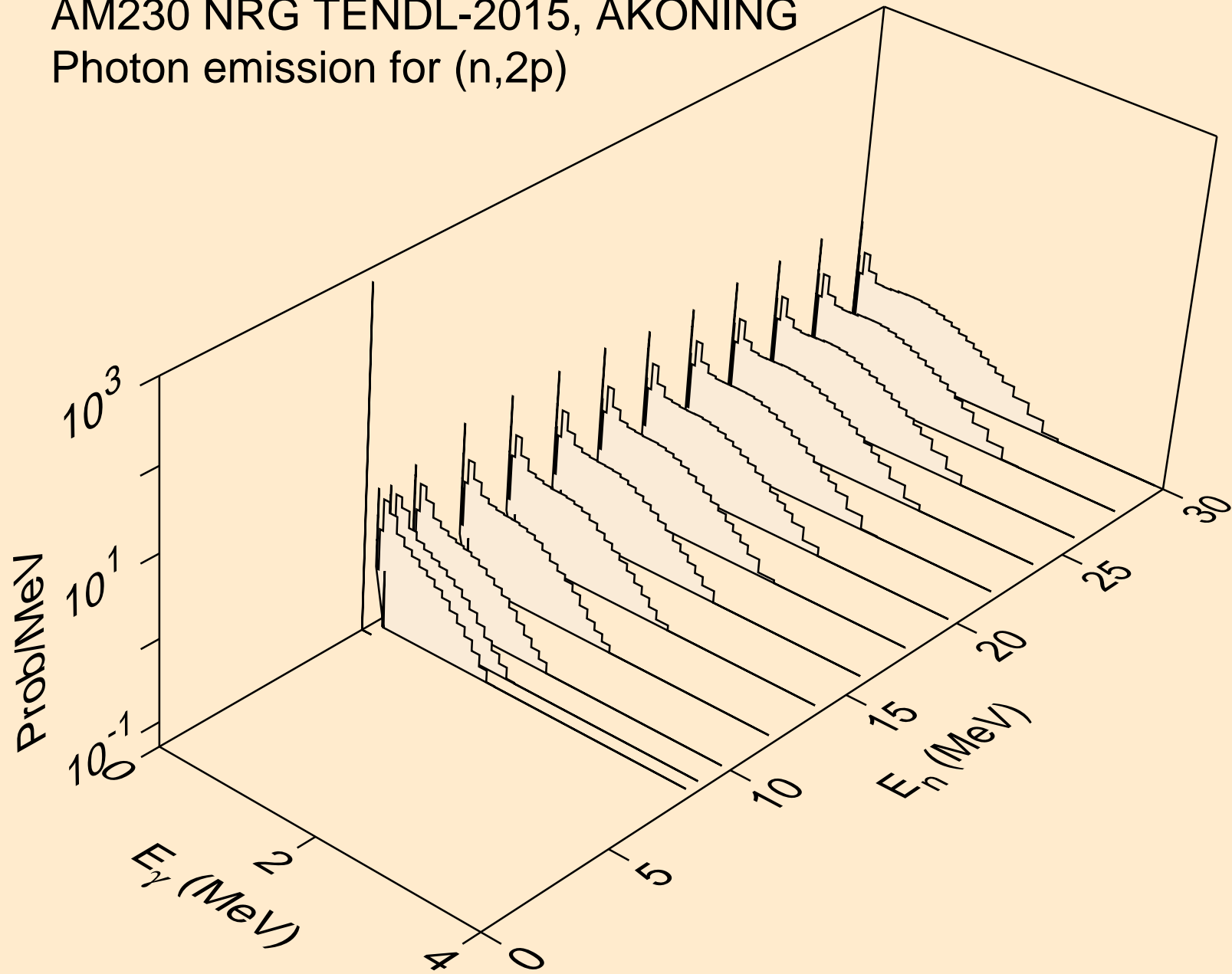
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



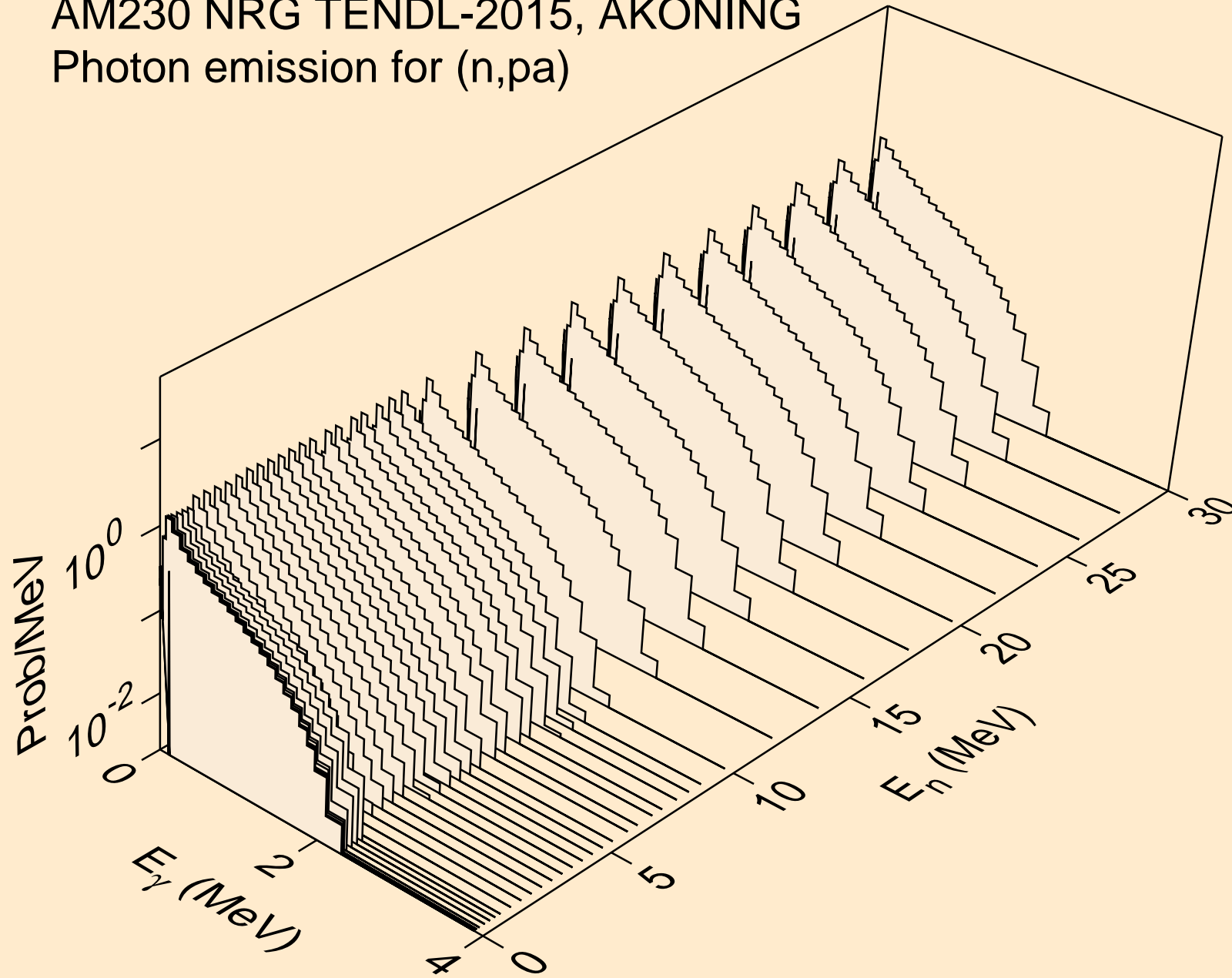
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



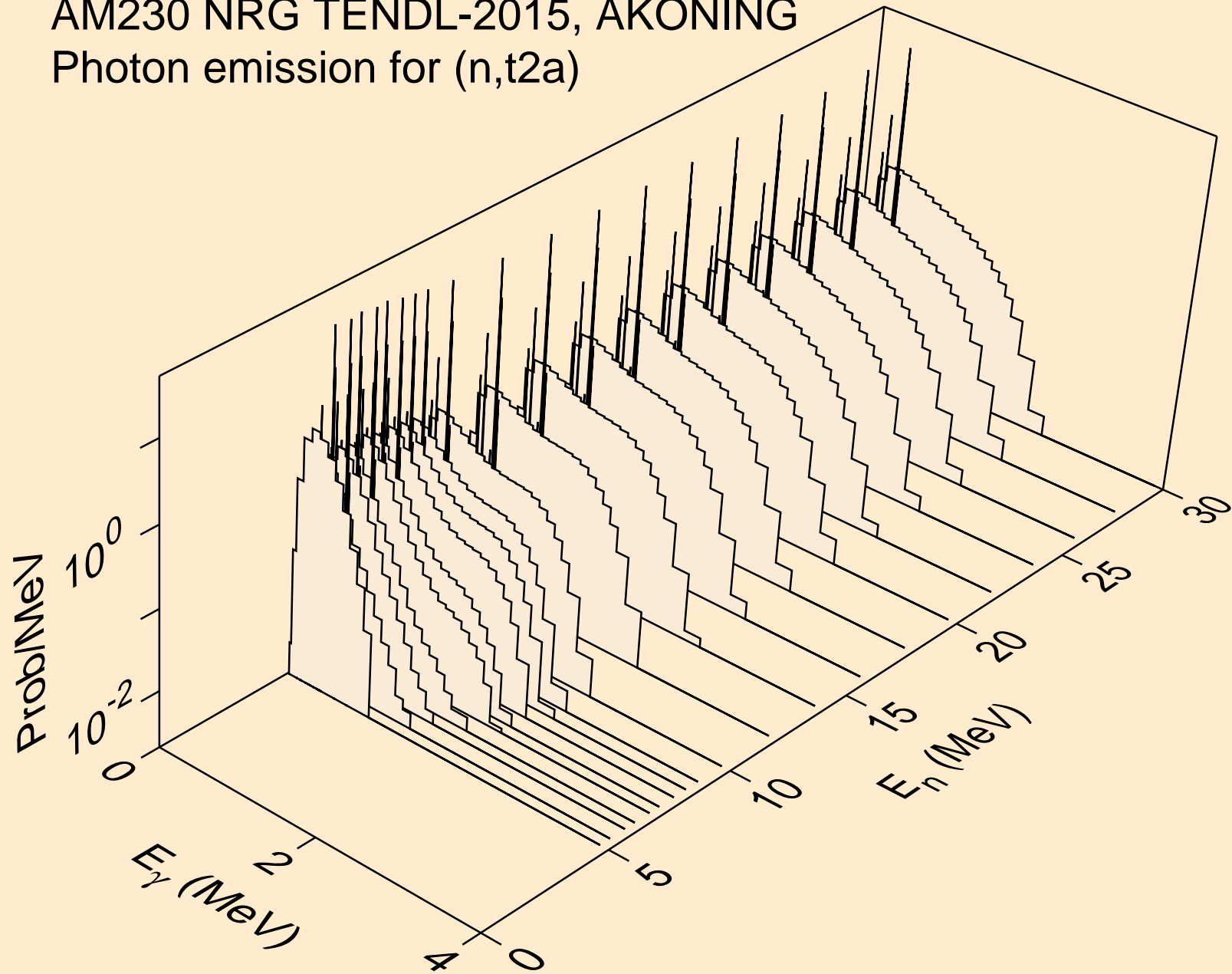
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

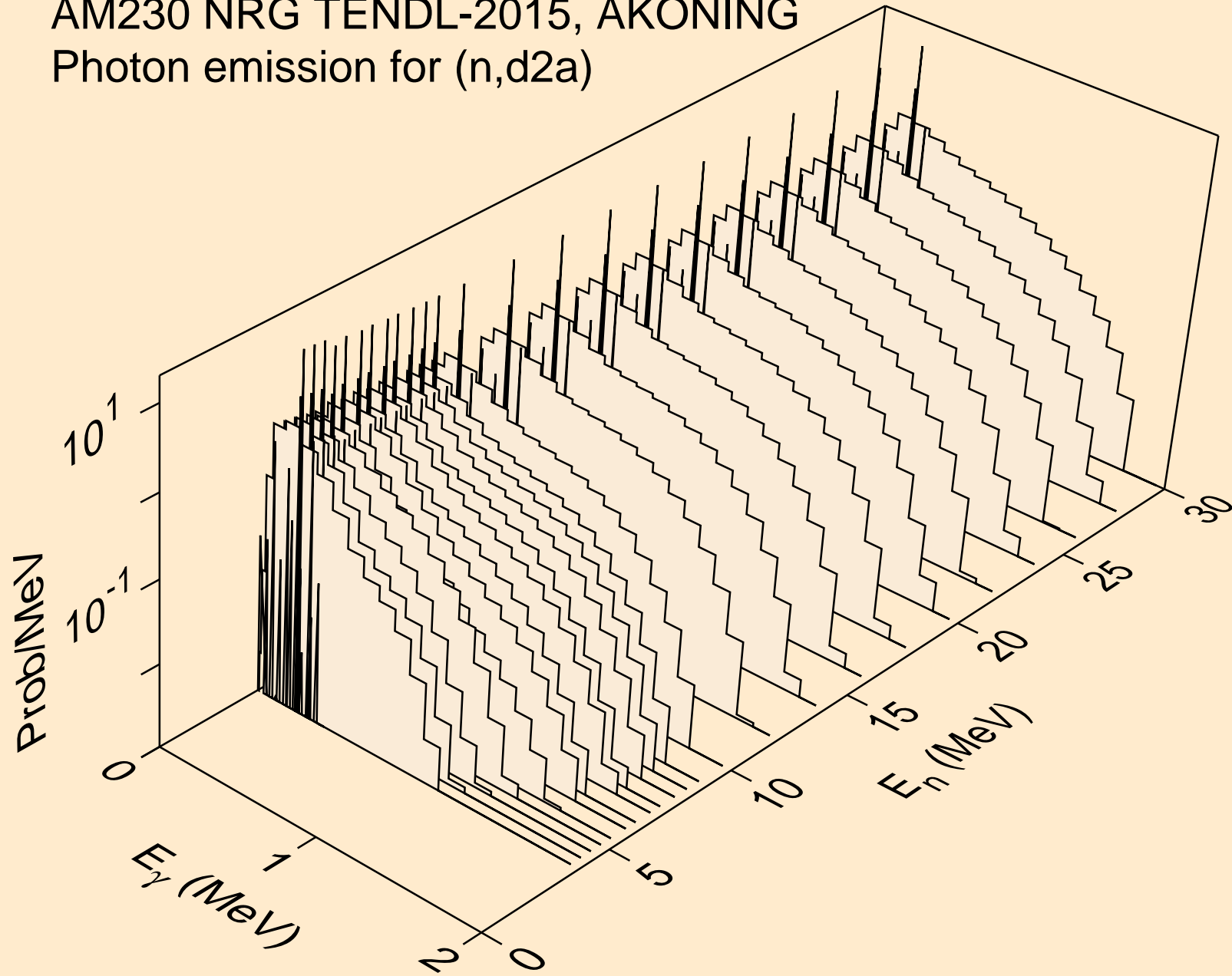


AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)

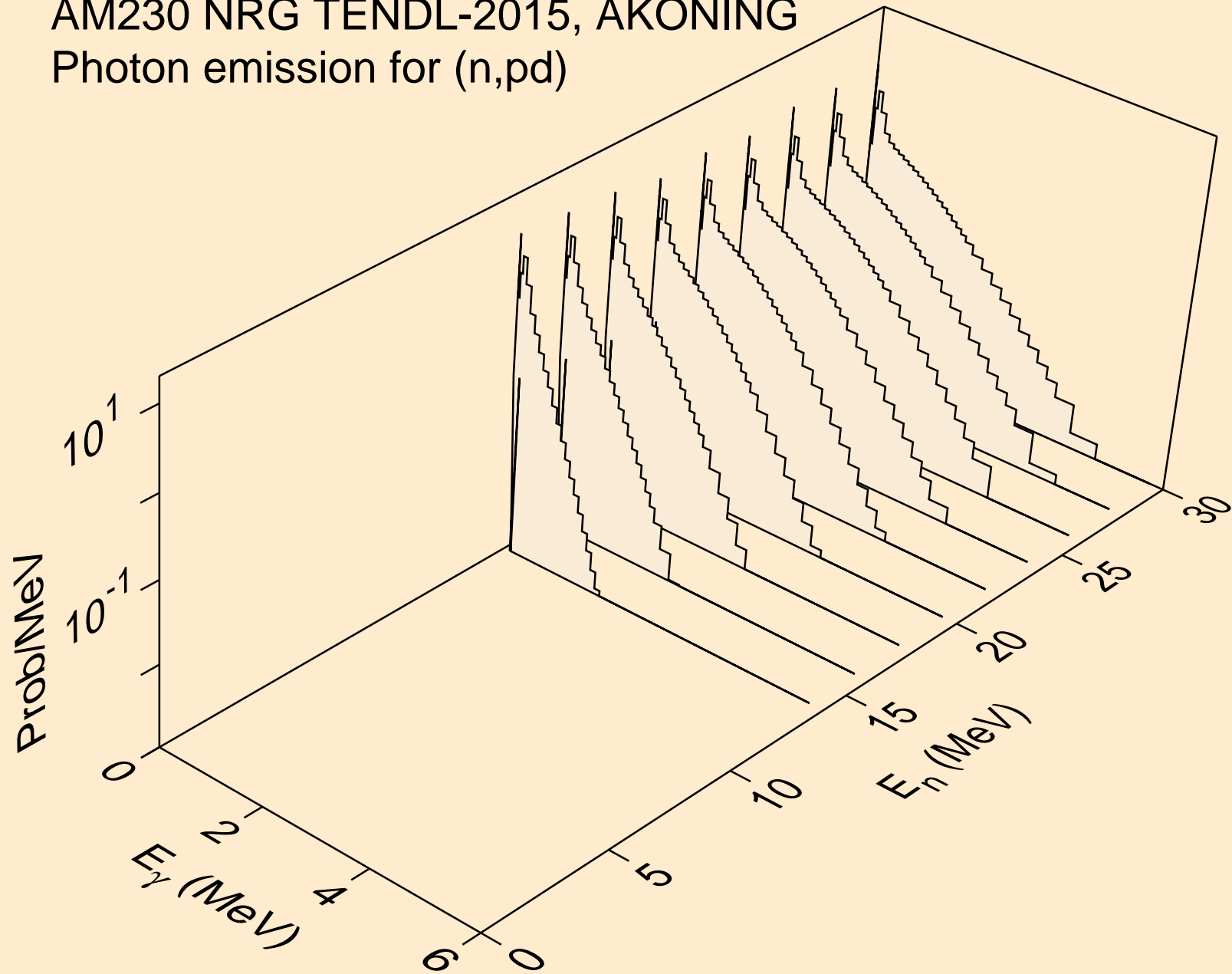




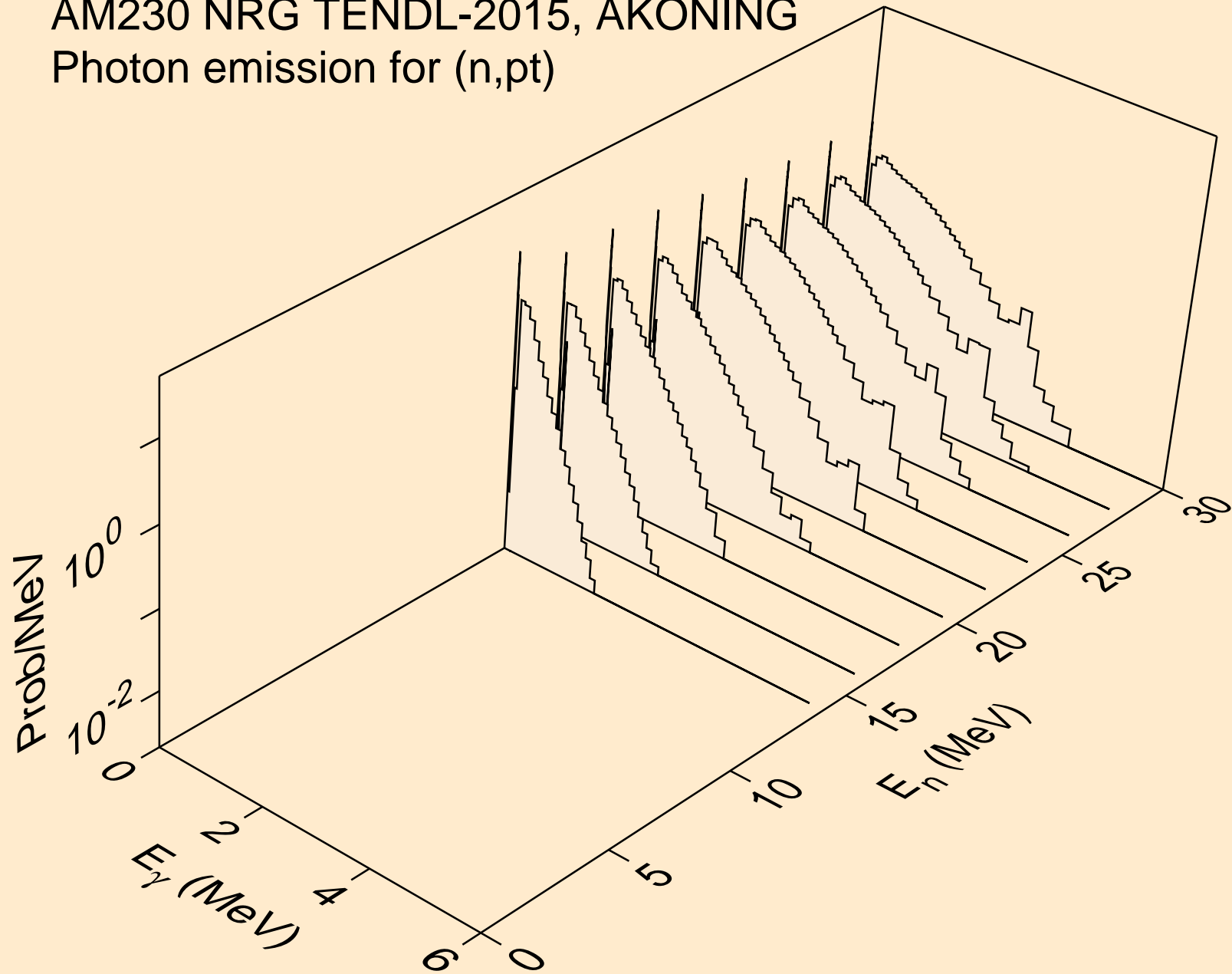
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



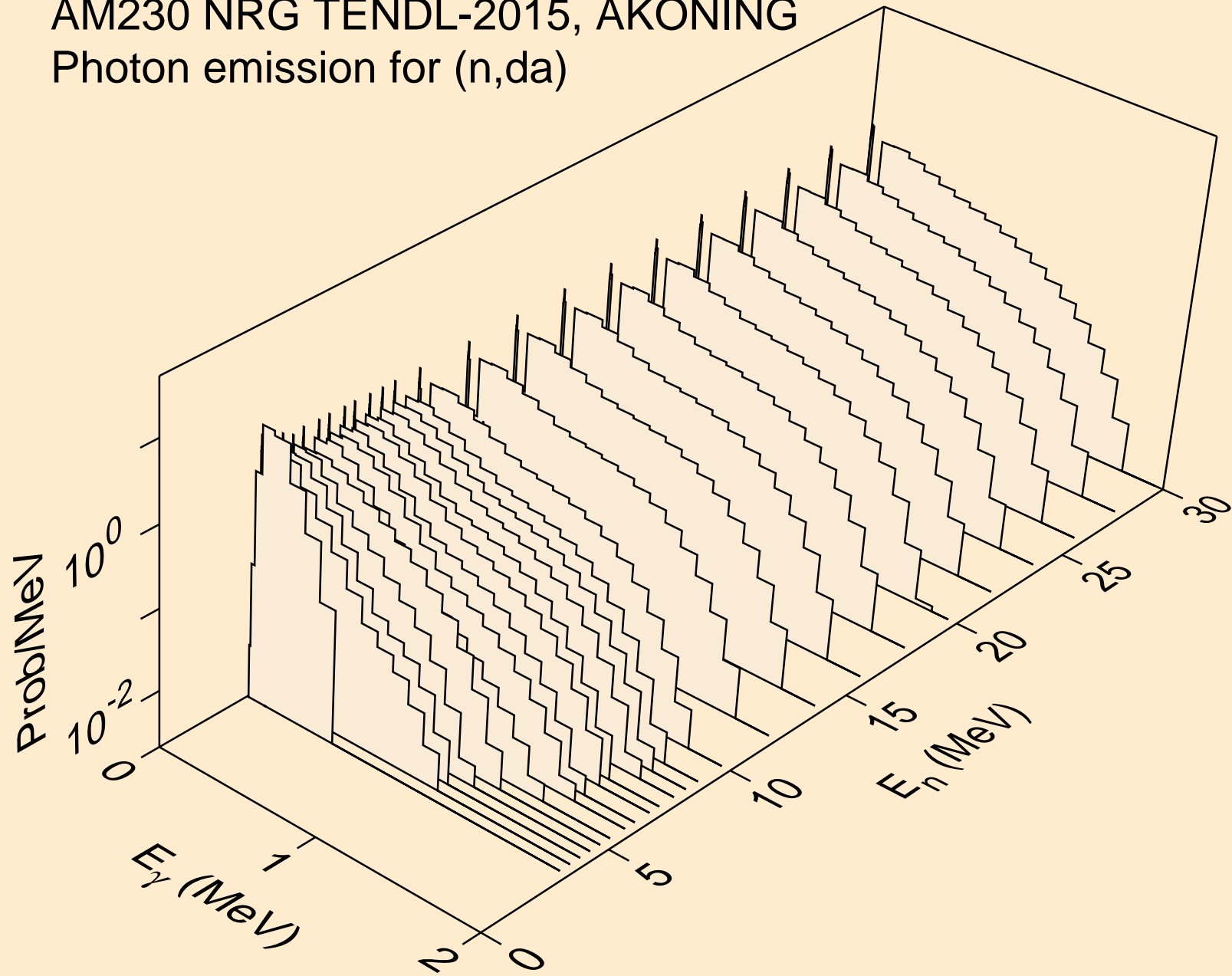
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



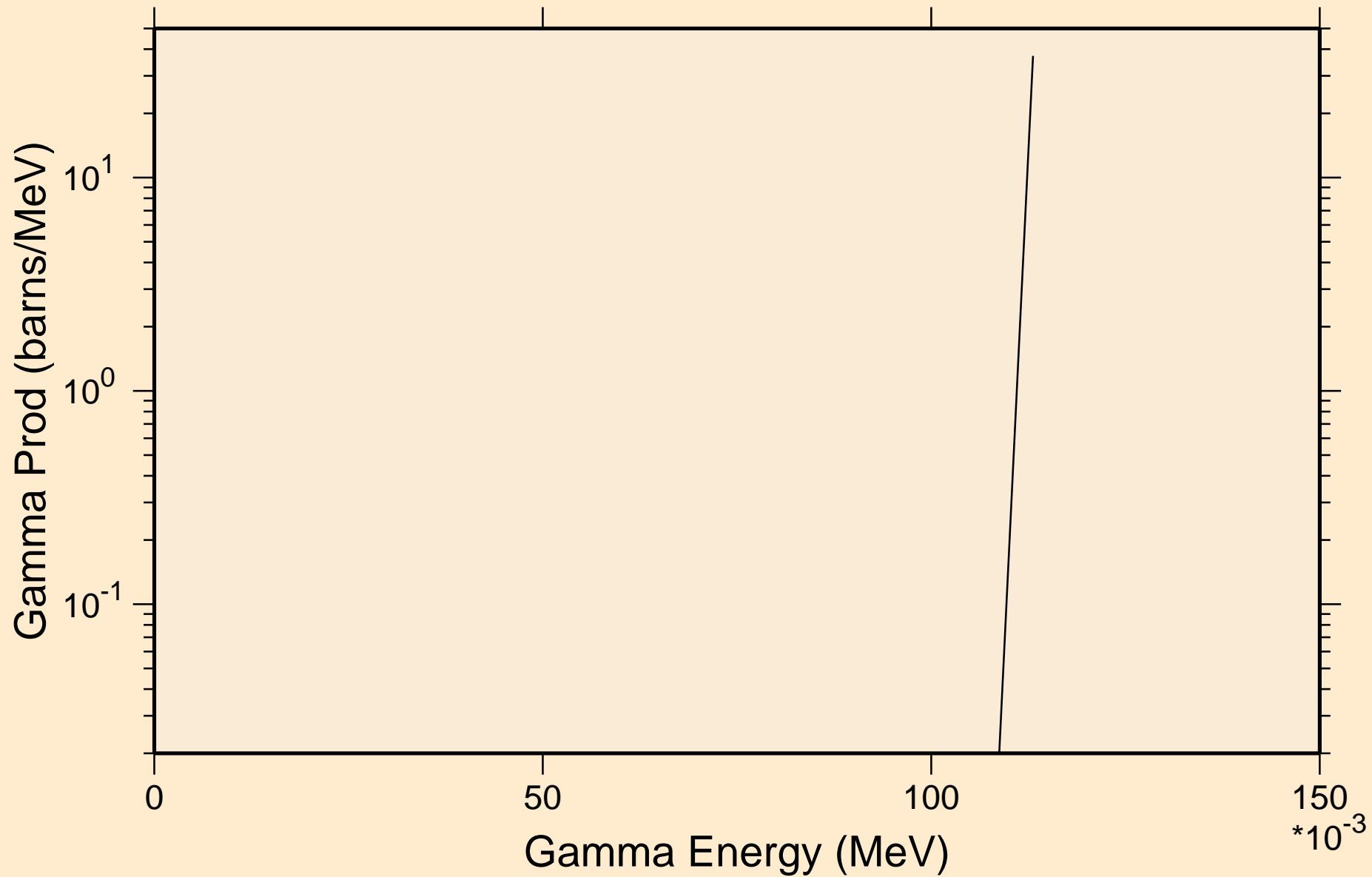
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



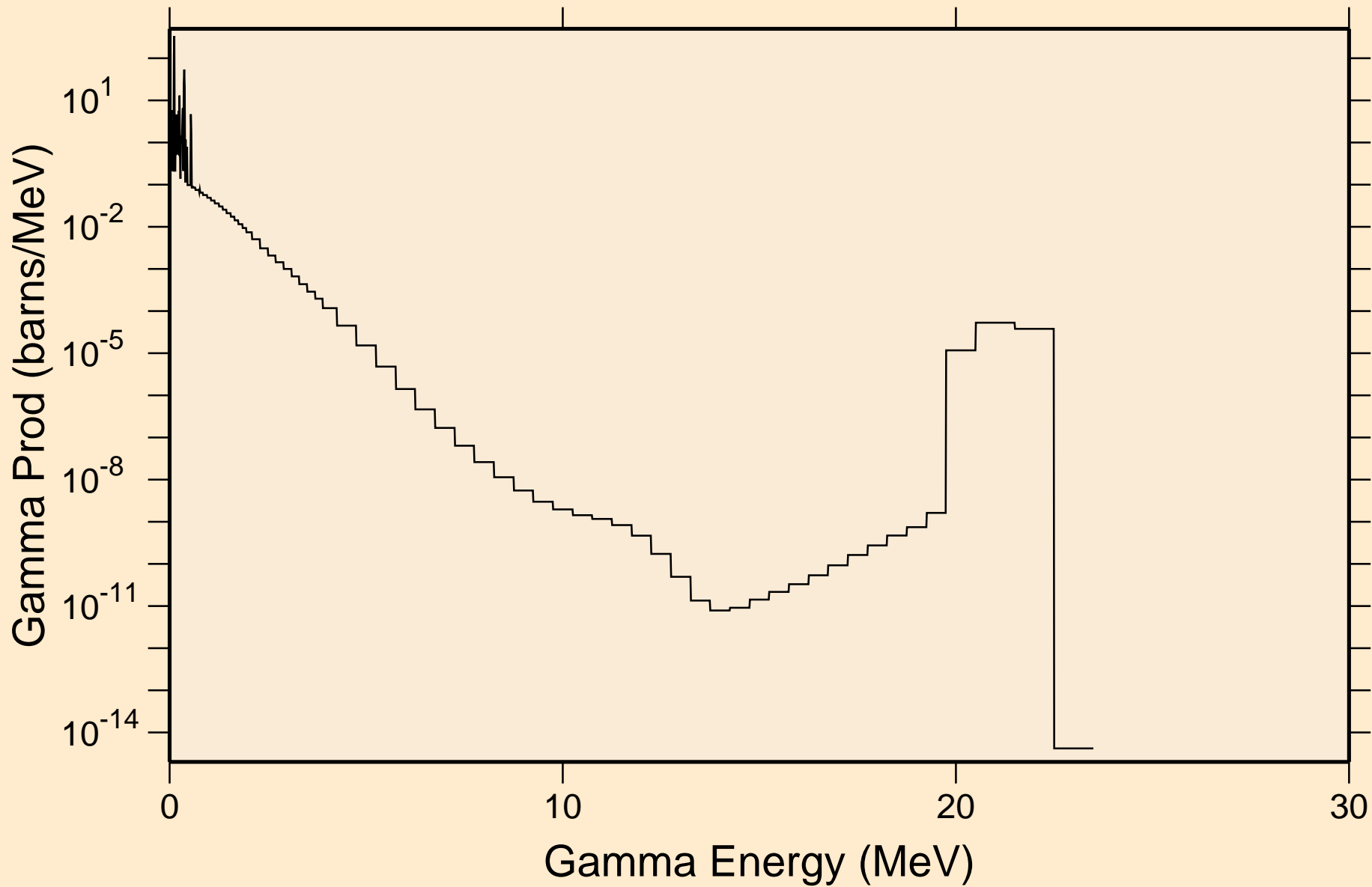
AM230 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



AM230 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

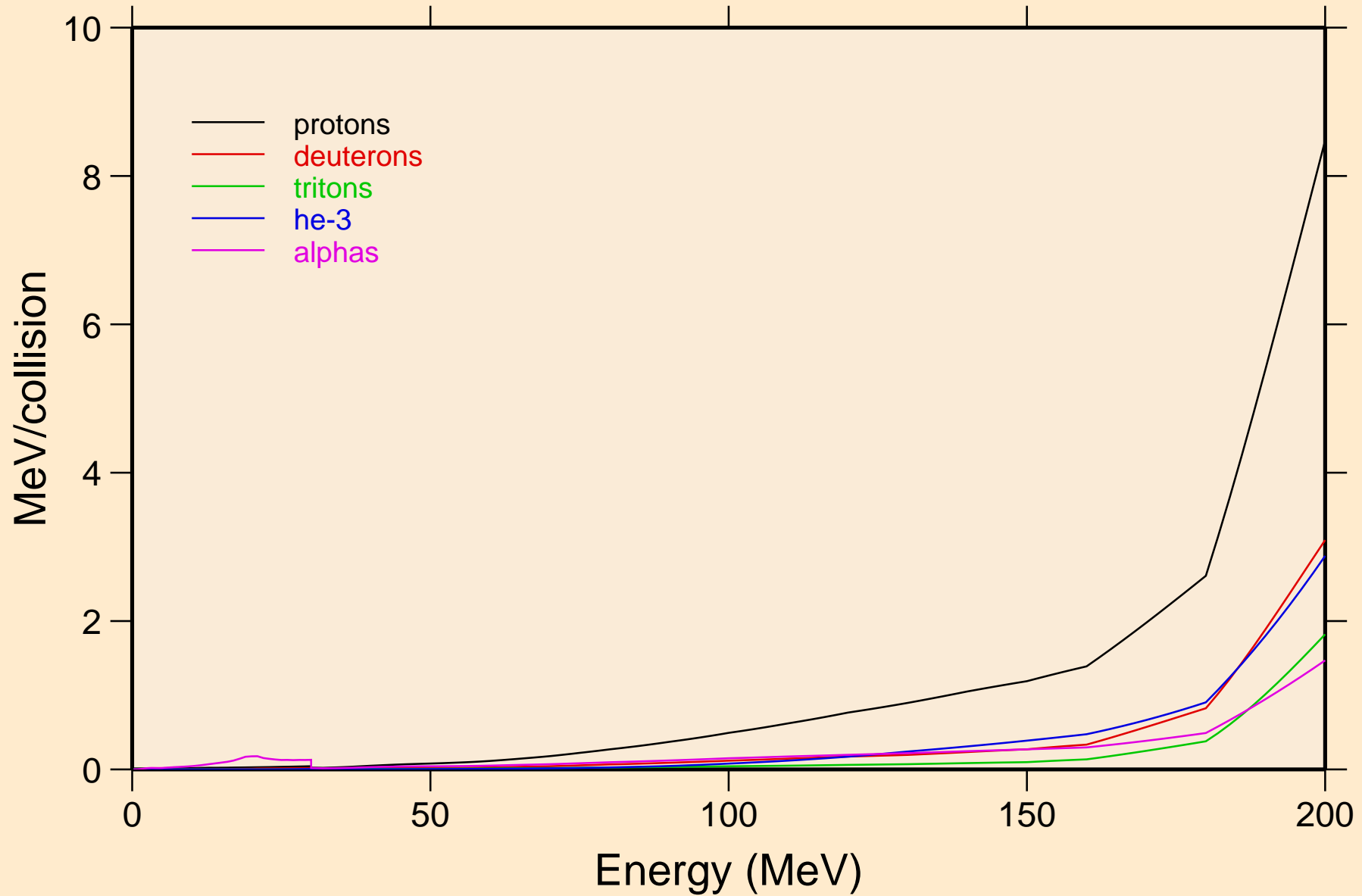


AM230 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



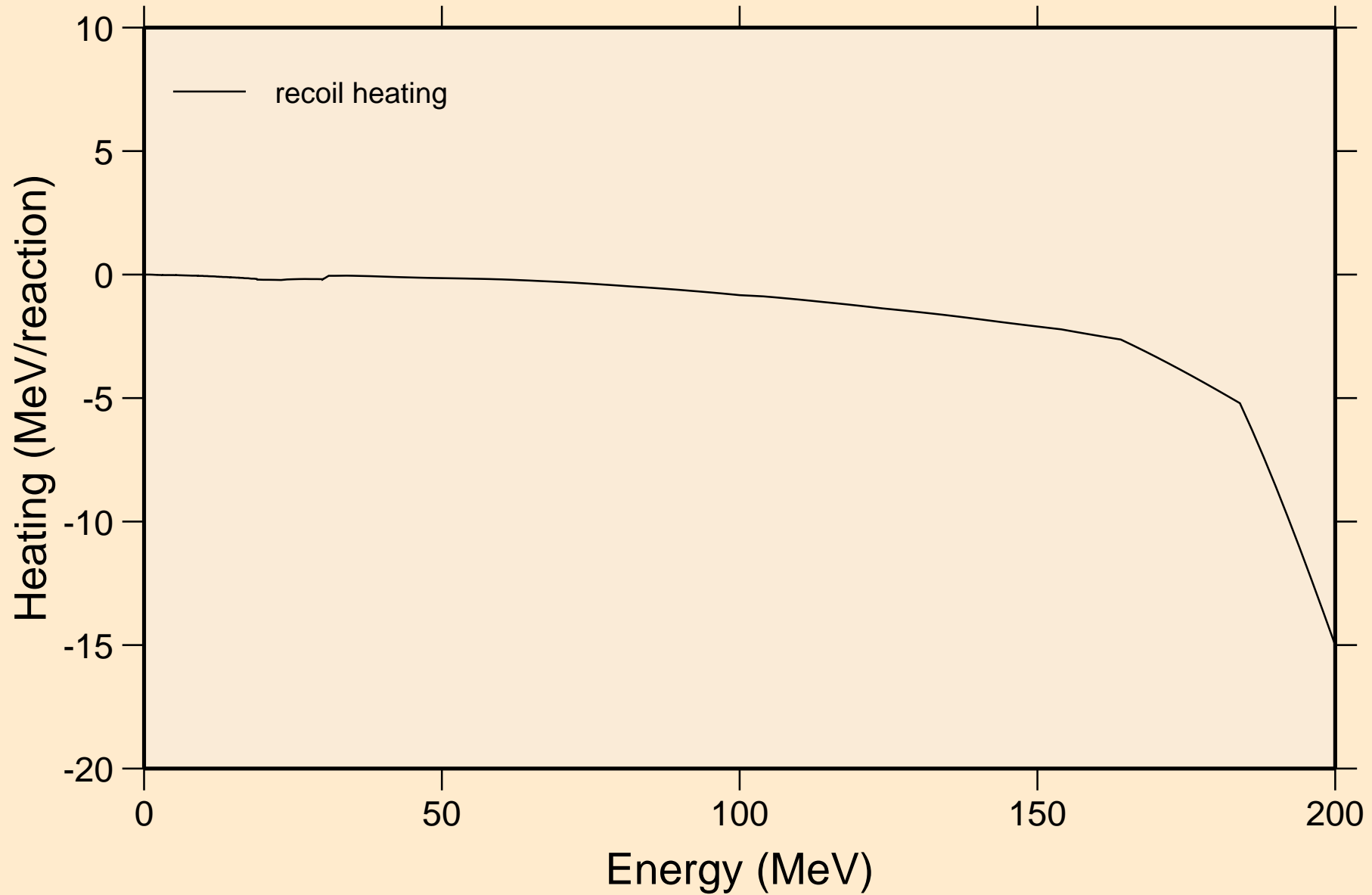
# AM230 NRG TENDL-2015, AKONING

## Particle heating contributions



# AM230 NRG TENDL-2015, AKONING

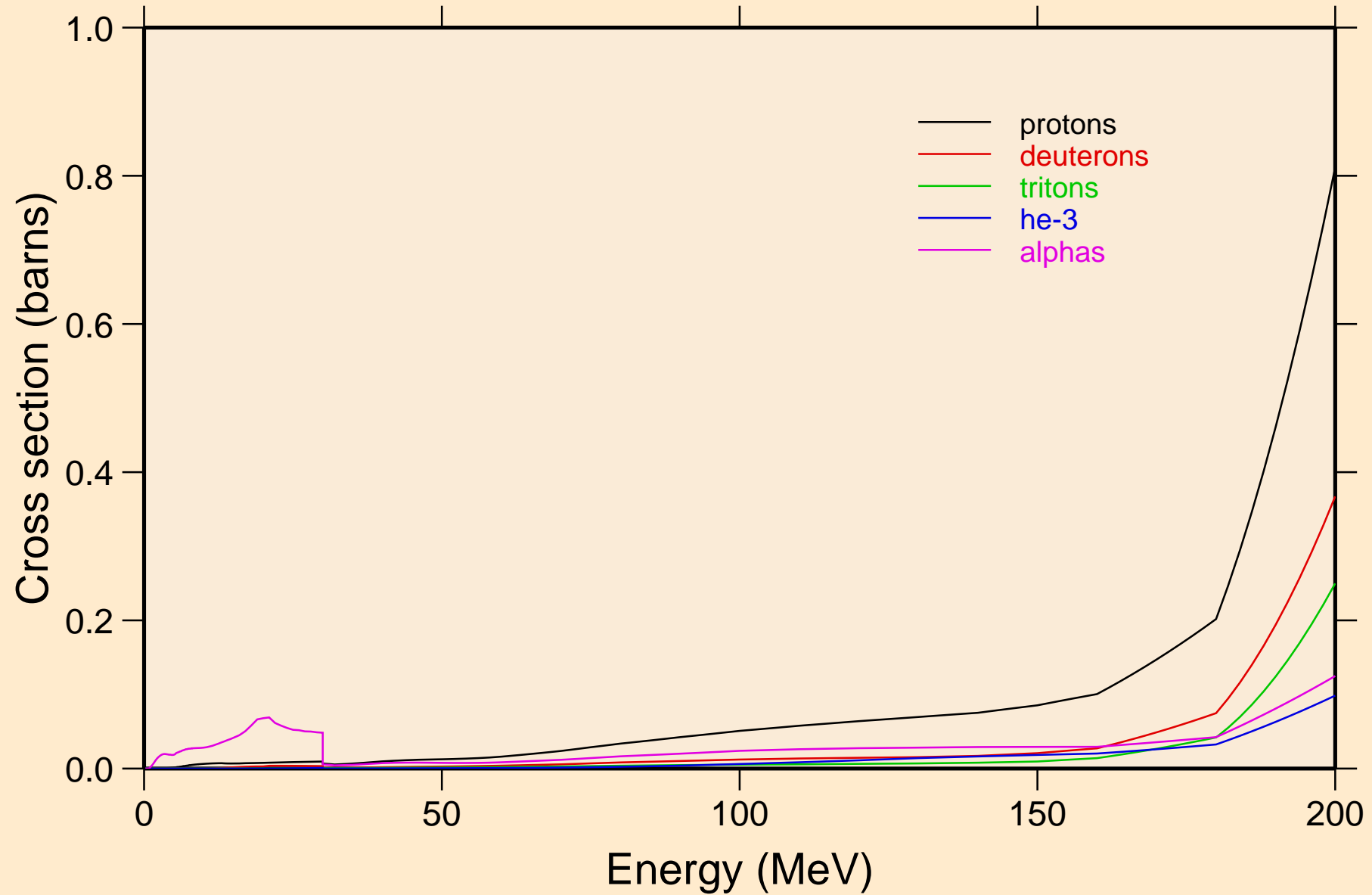
## Recoil Heating



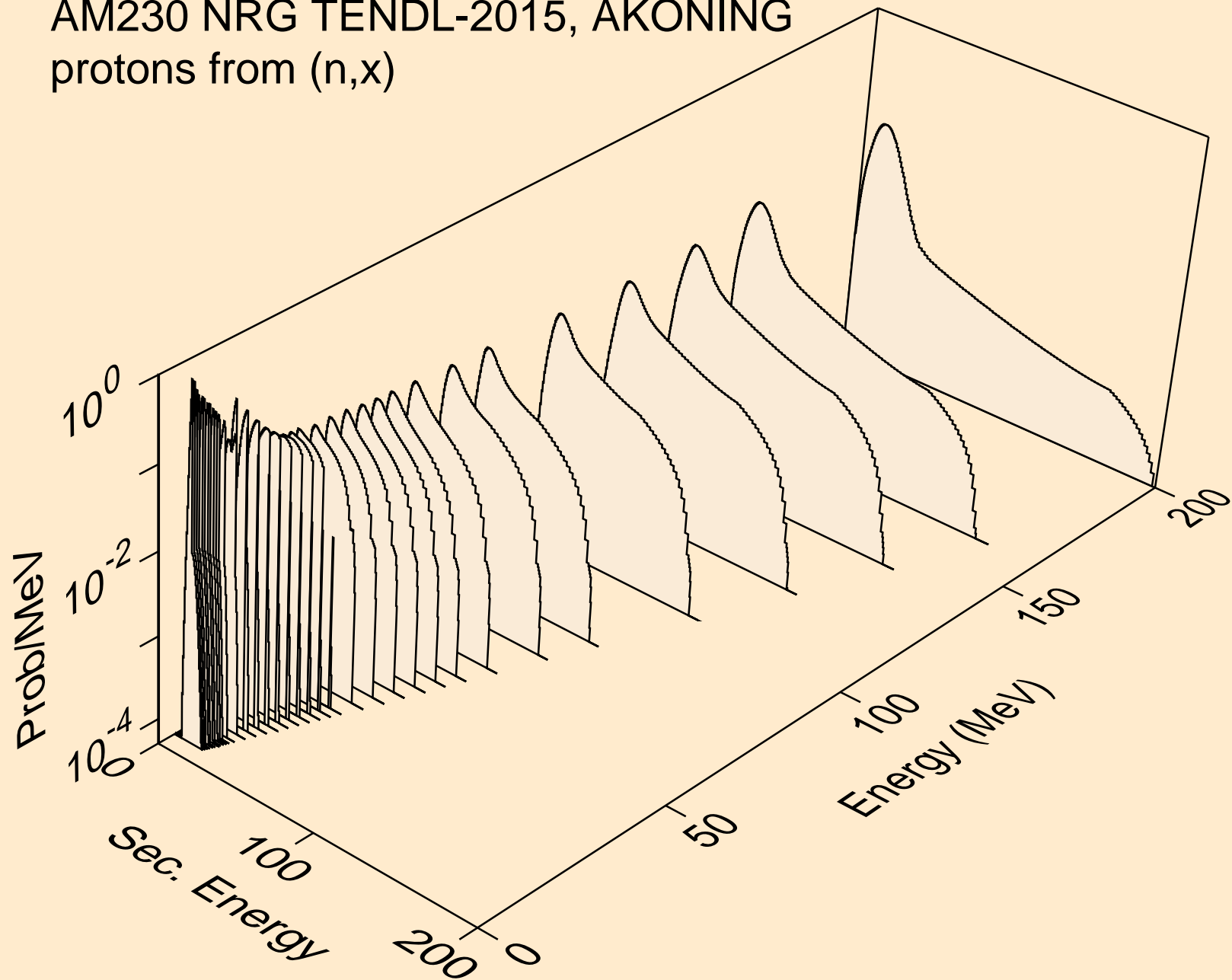


# AM230 NRG TENDL-2015, AKONING

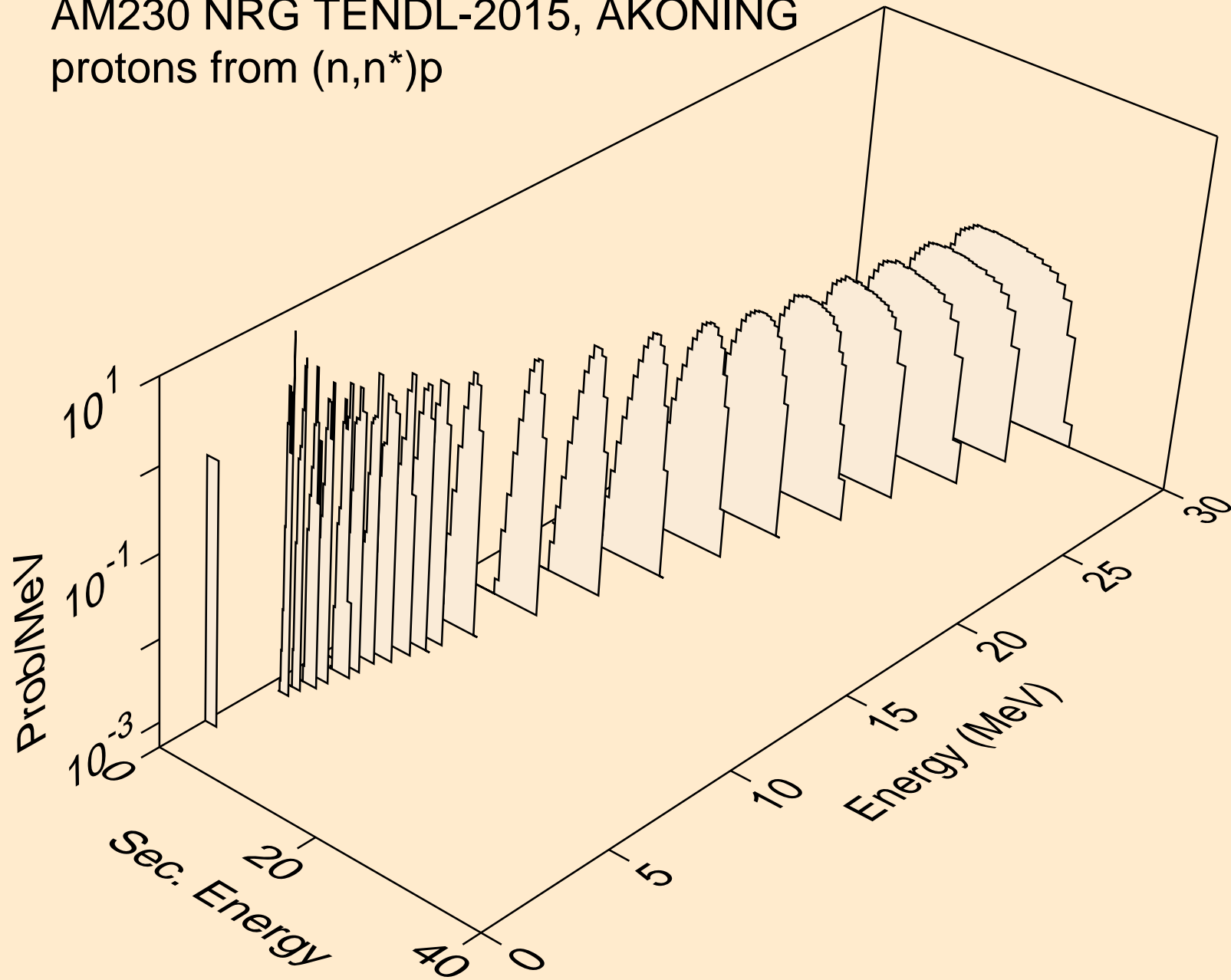
## Particle production cross sections



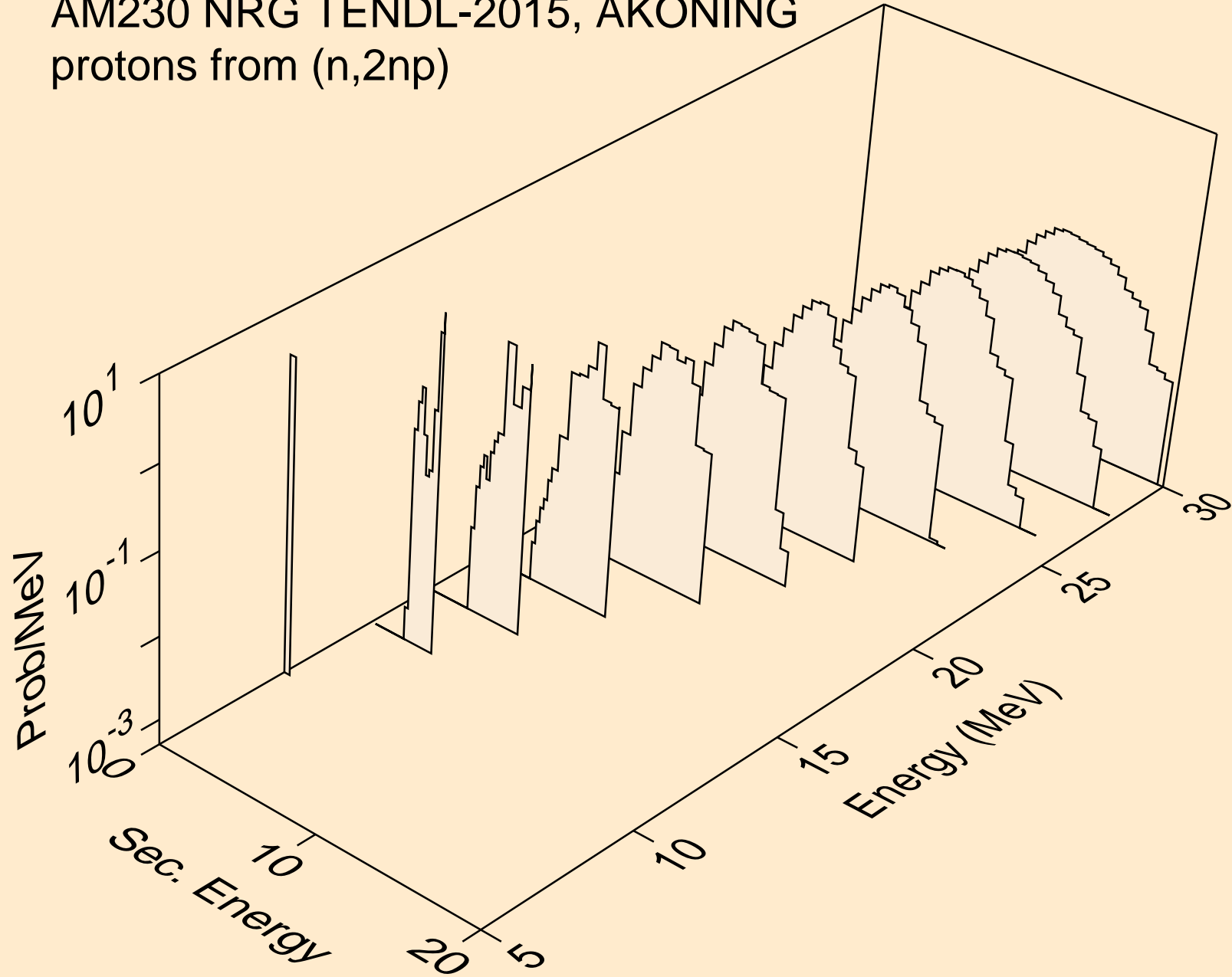
AM230 NRG TENDL-2015, AKONING  
protons from (n,x)



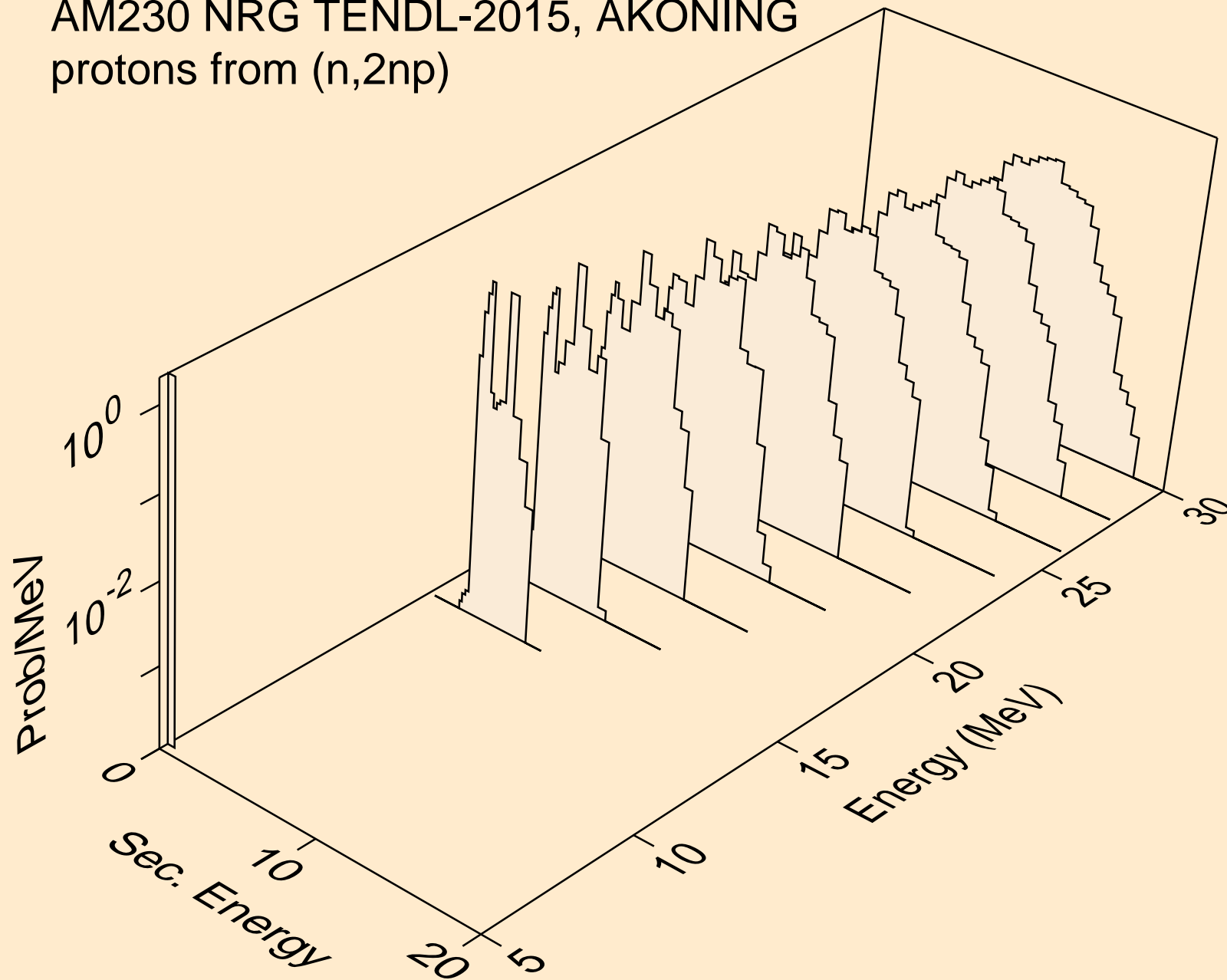
AM230 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



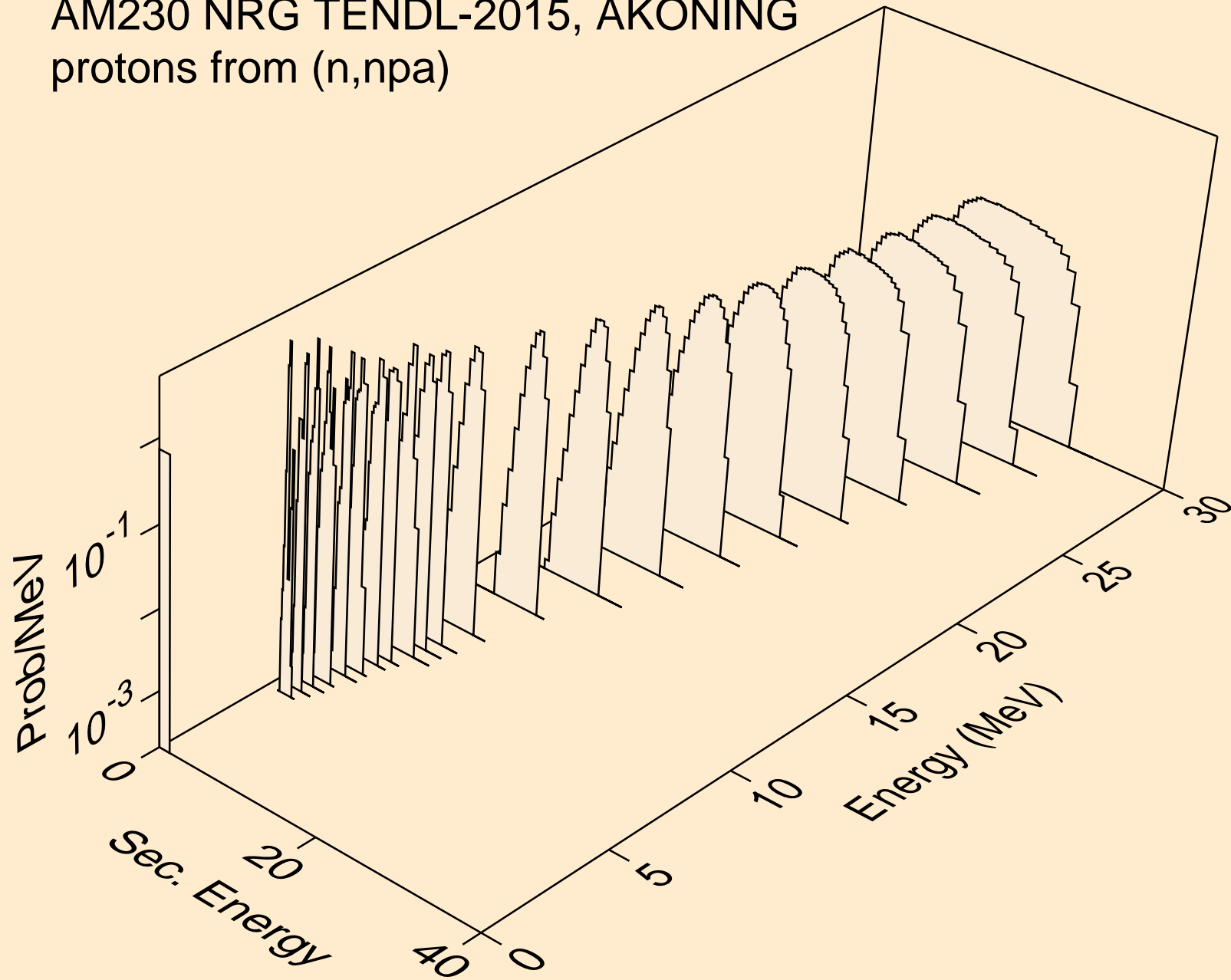
AM230 NRG TENDL-2015, AKONING  
protons from (n,2np)



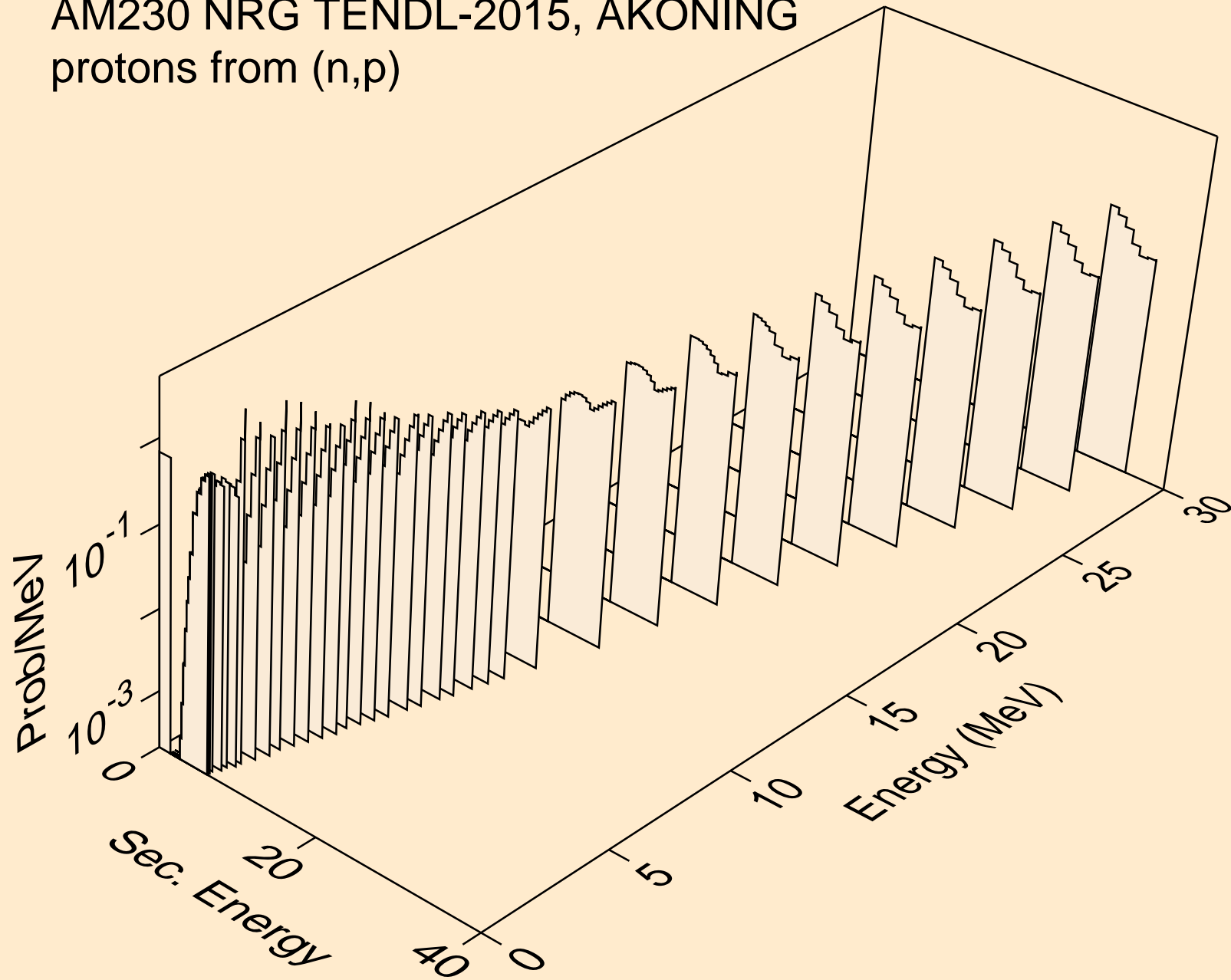
AM230 NRG TENDL-2015, AKONING  
protons from (n,2np)



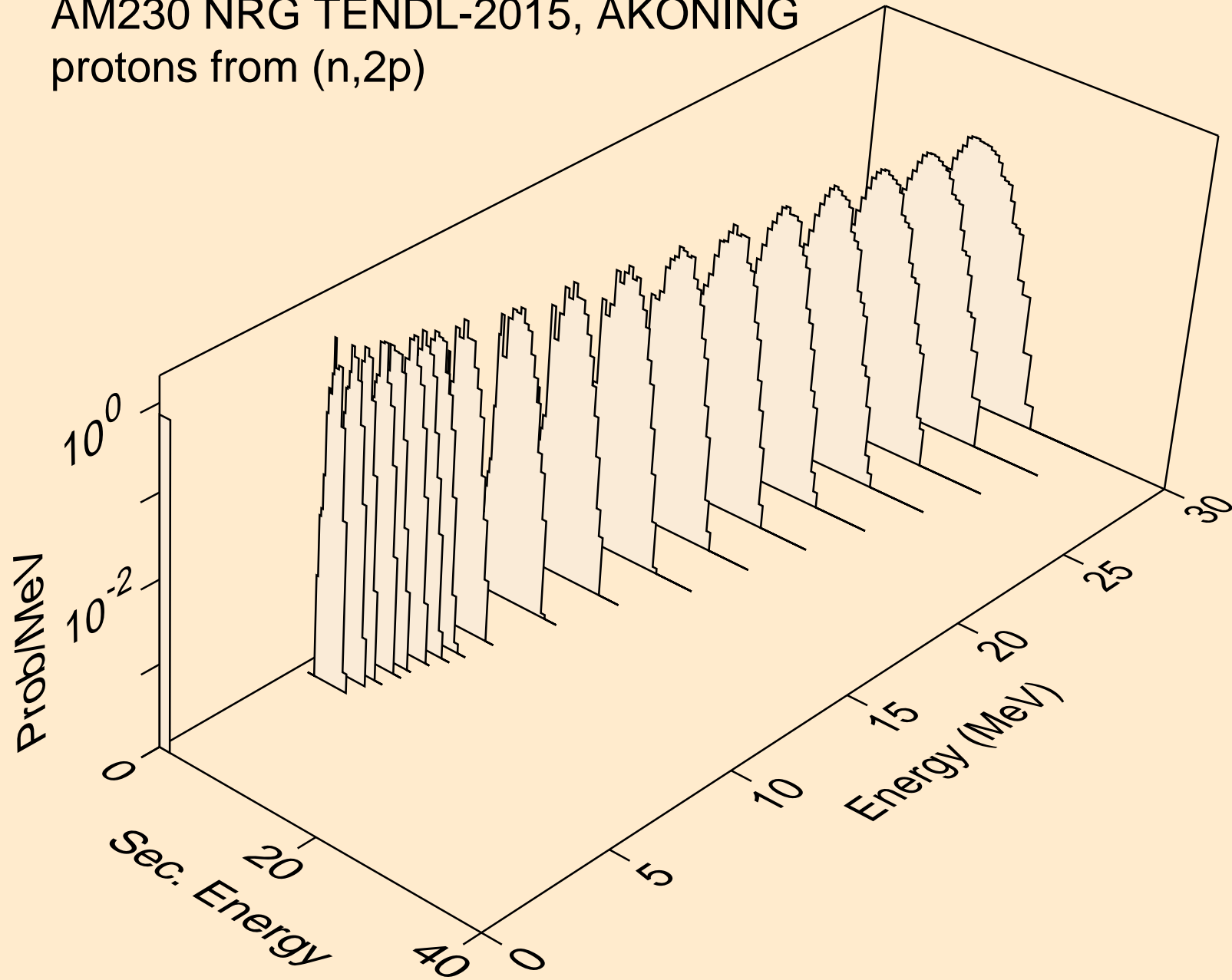
AM230 NRG TENDL-2015, AKONING  
protons from (n,npa)



AM230 NRG TENDL-2015, AKONING  
protons from (n,p)

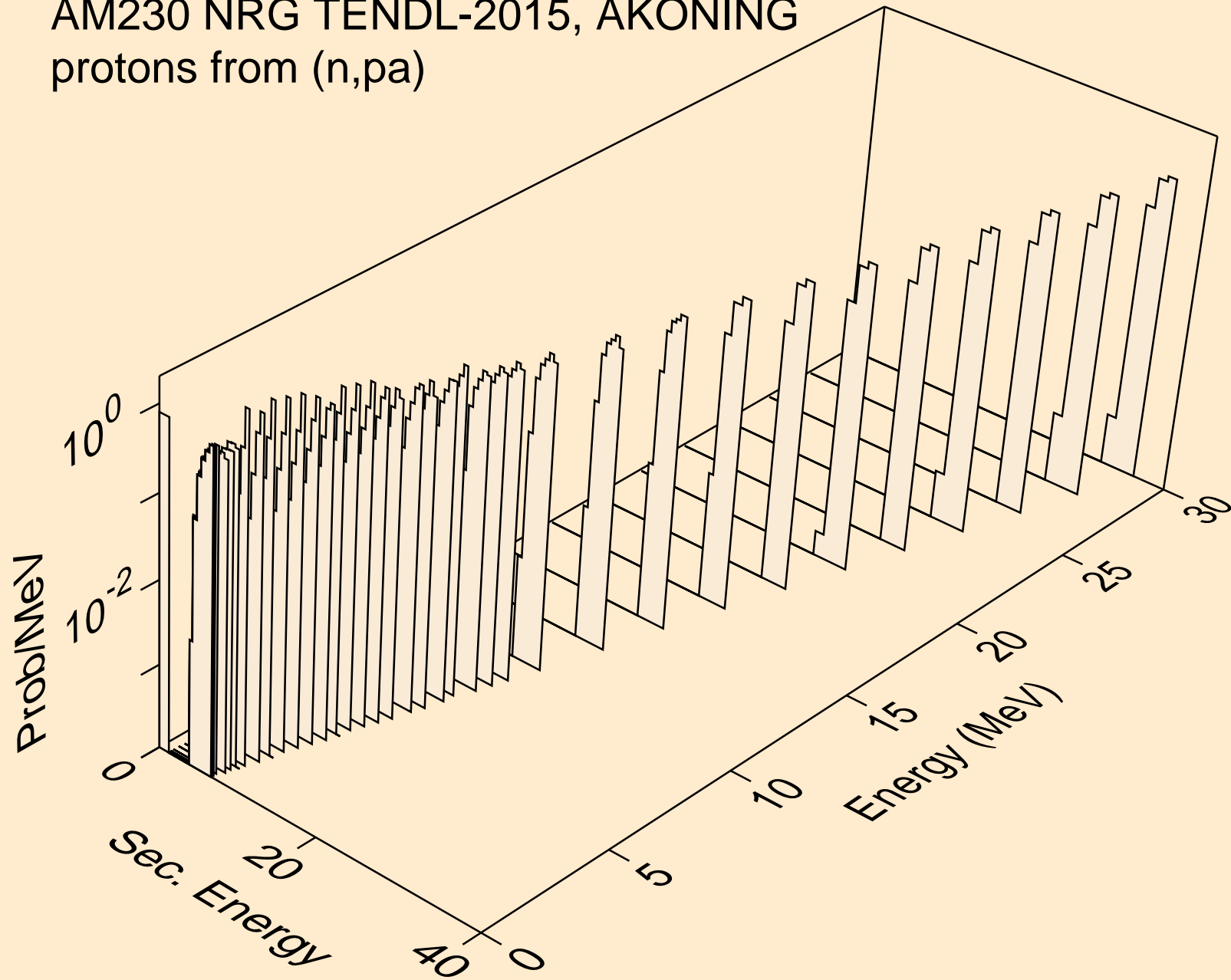


AM230 NRG TENDL-2015, AKONING  
protons from (n,2p)

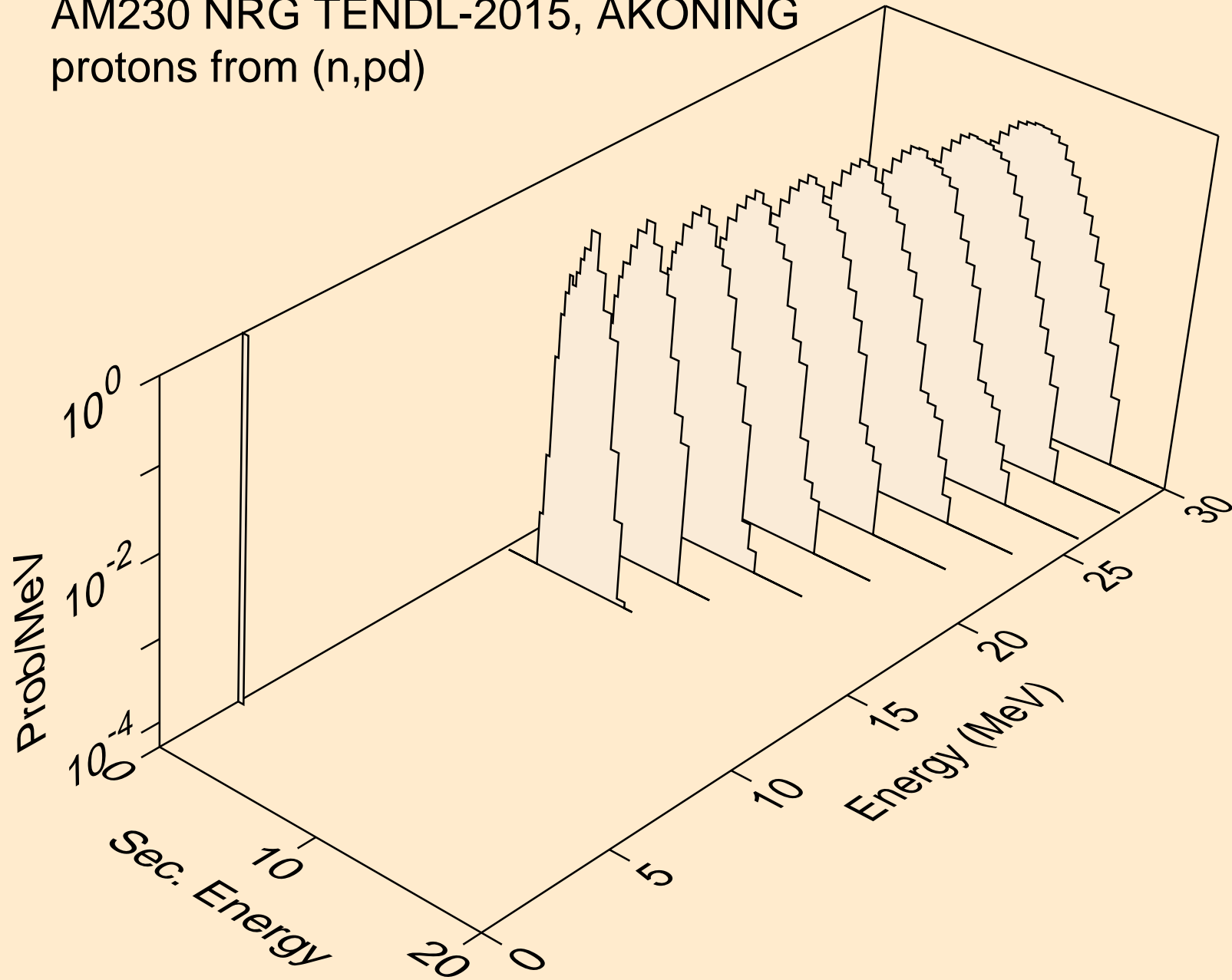




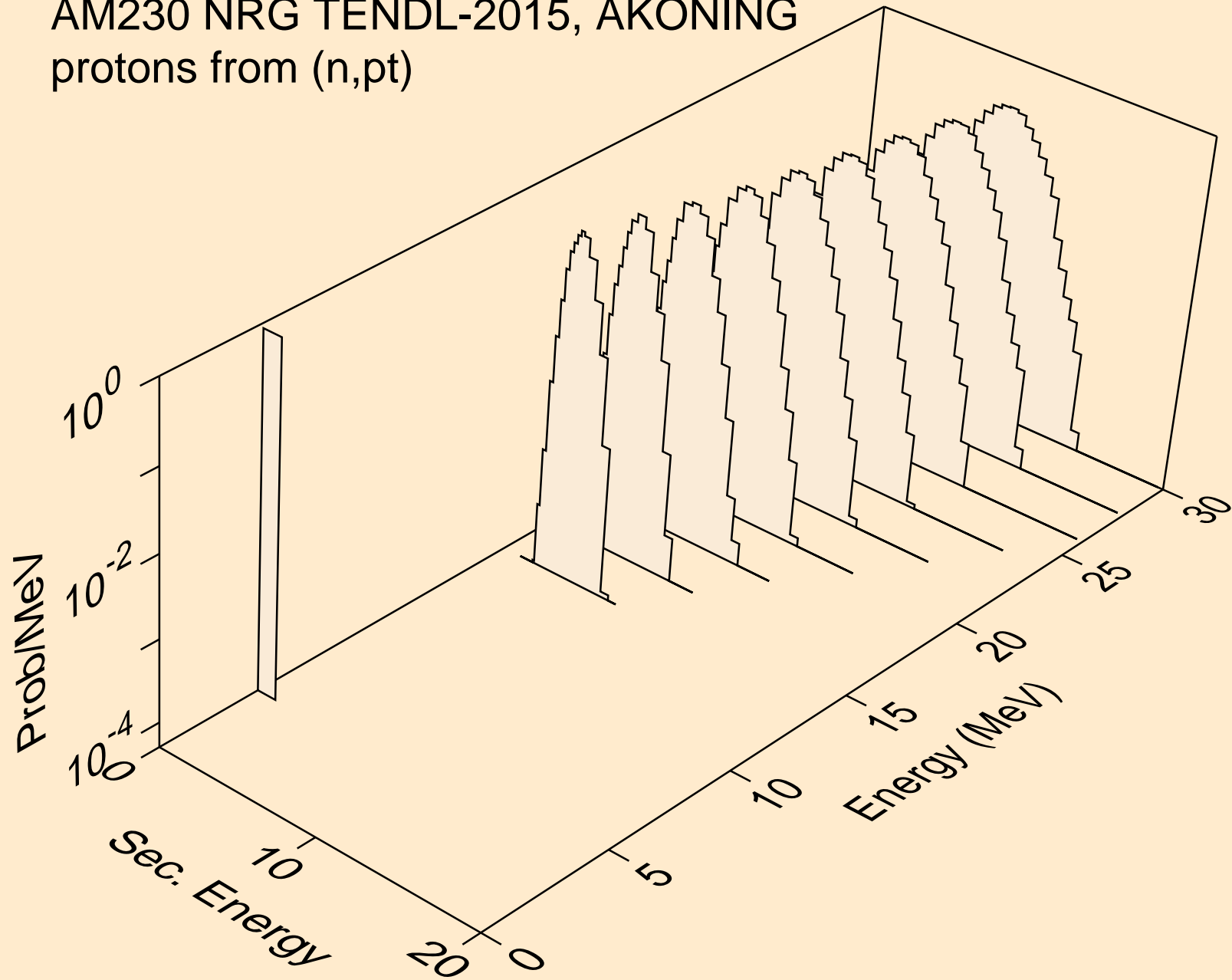
AM230 NRG TENDL-2015, AKONING  
protons from (n,pa)



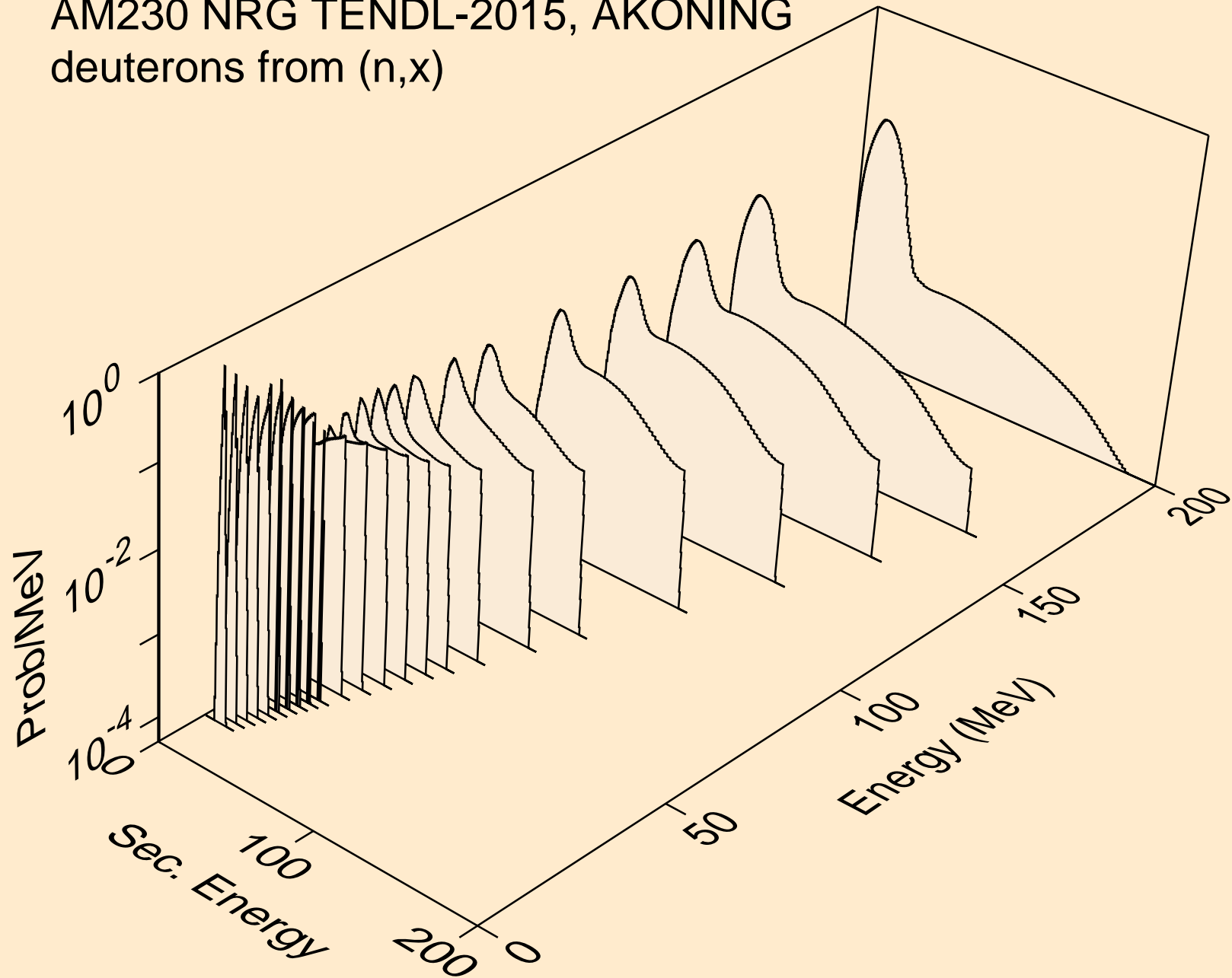
AM230 NRG TENDL-2015, AKONING  
protons from (n,pd)



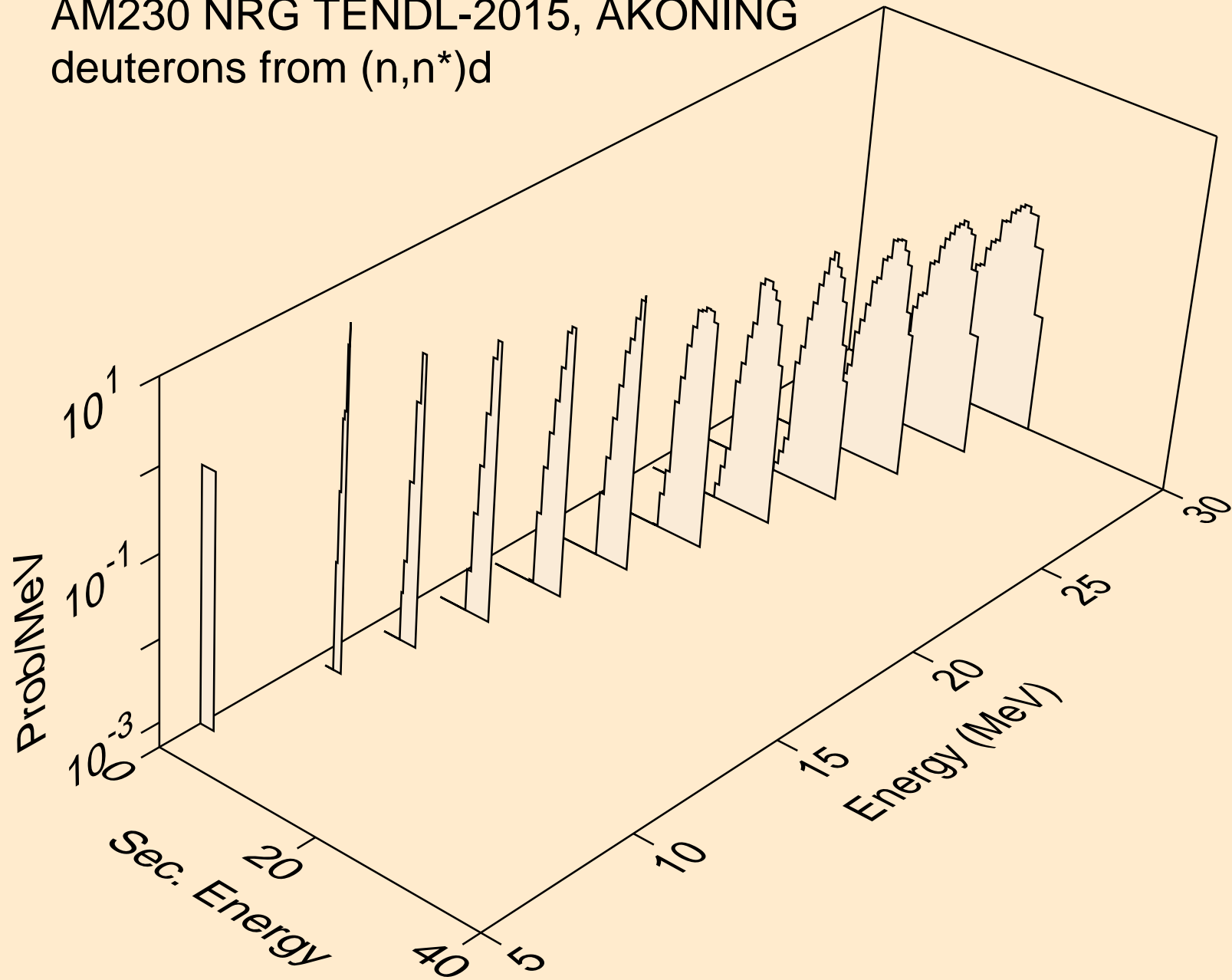
AM230 NRG TENDL-2015, AKONING  
protons from (n,pt)



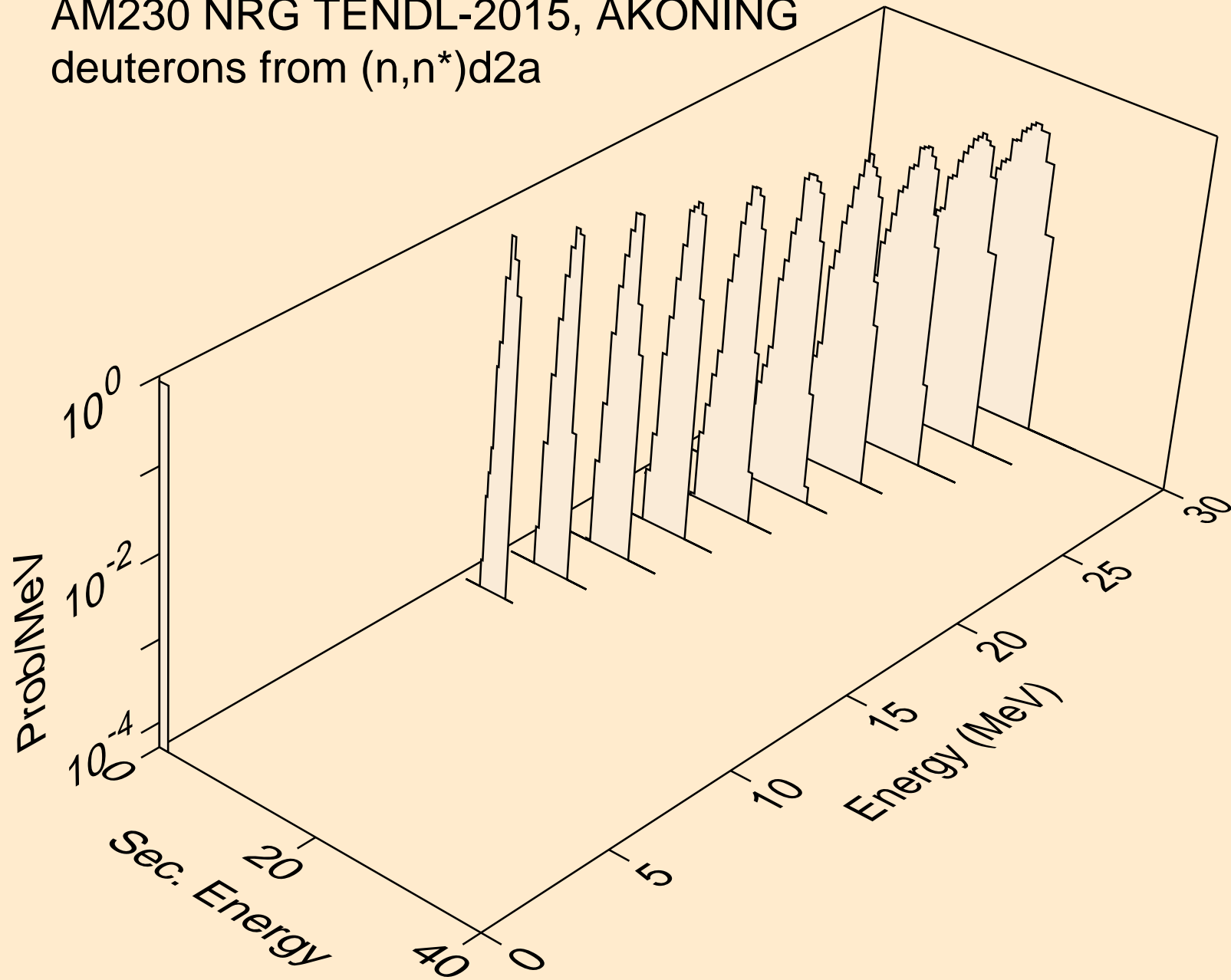
AM230 NRG TENDL-2015, AKONING  
deuterons from (n,x)



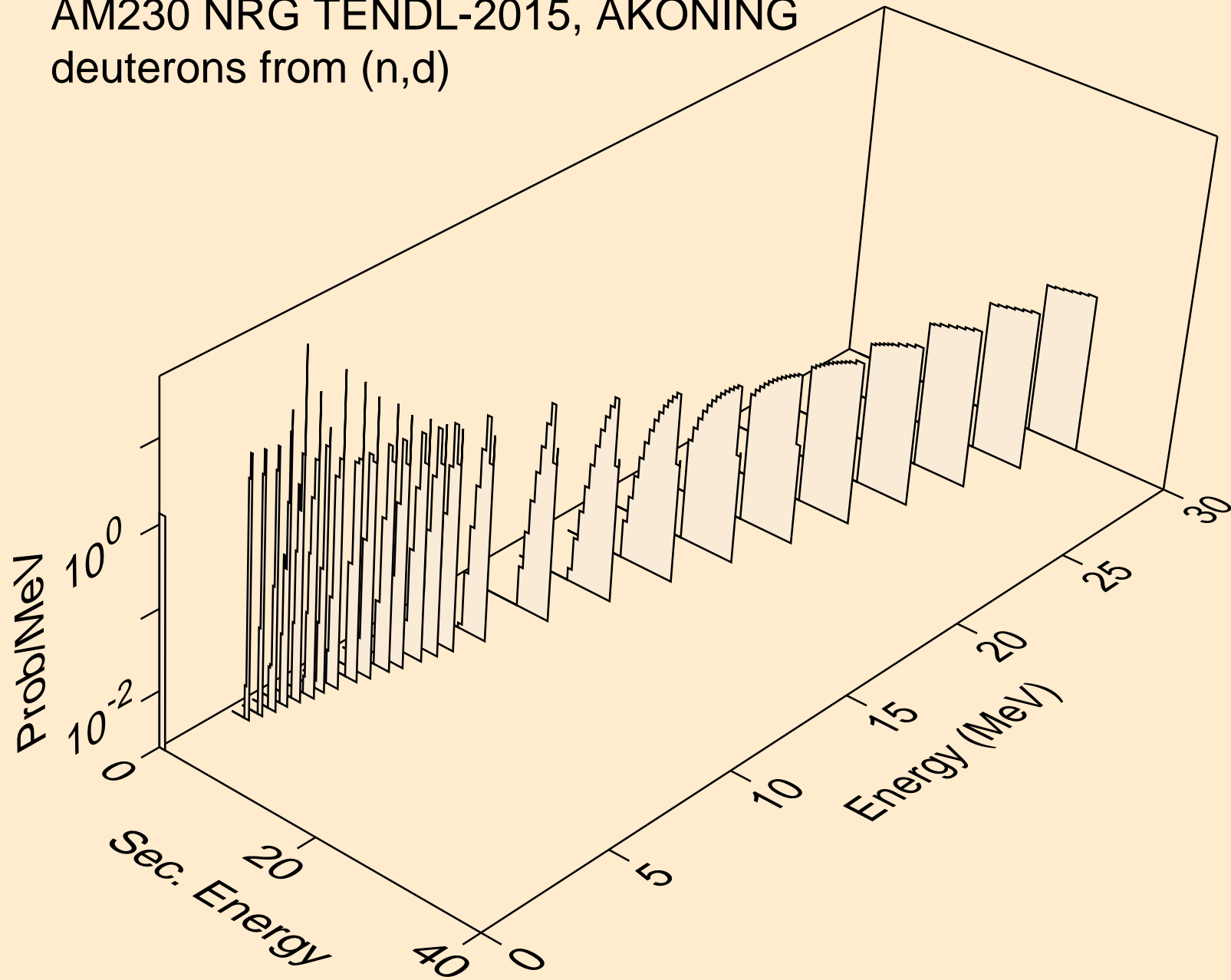
AM230 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



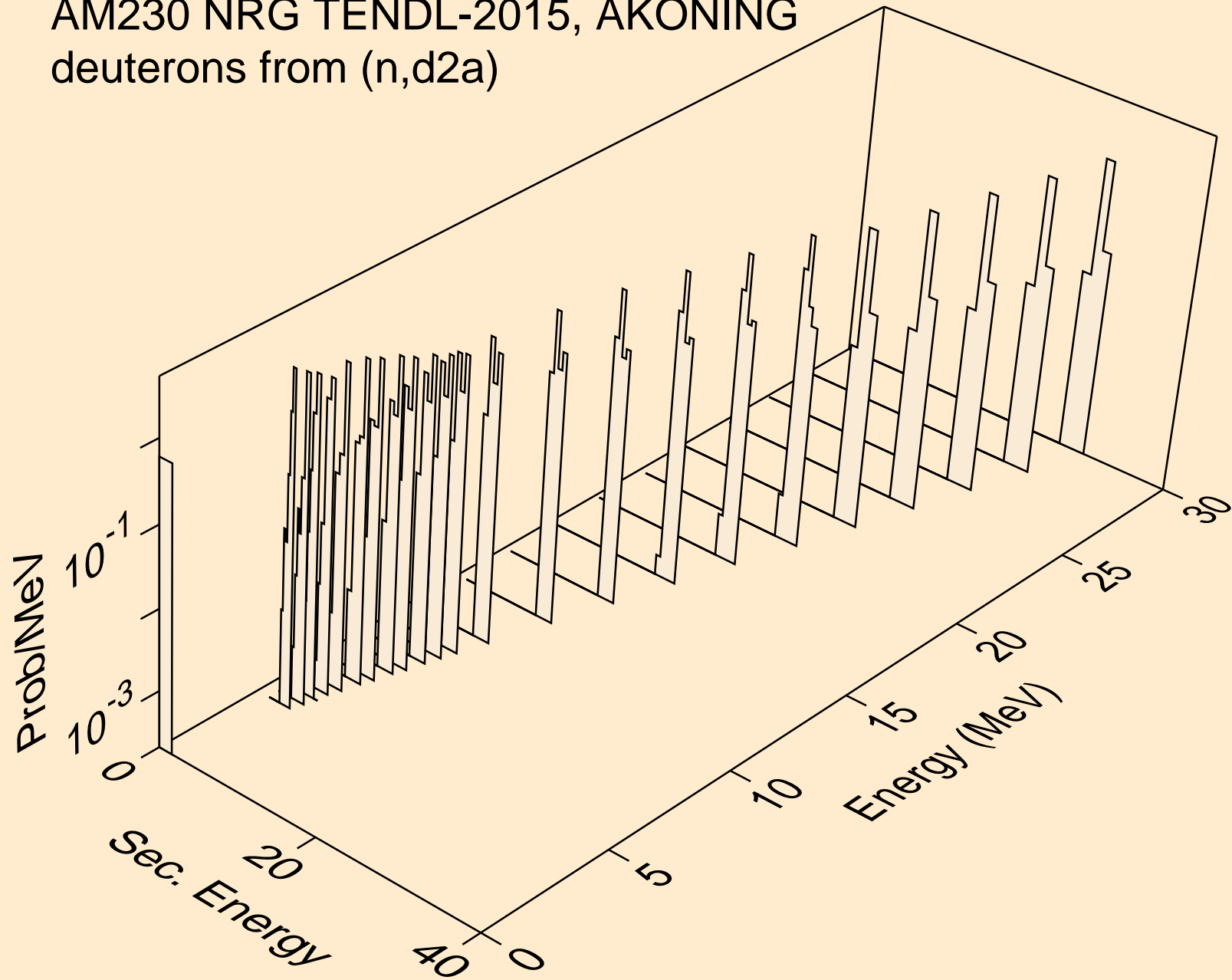
AM230 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



AM230 NRG TENDL-2015, AKONING  
deuterons from (n,d)

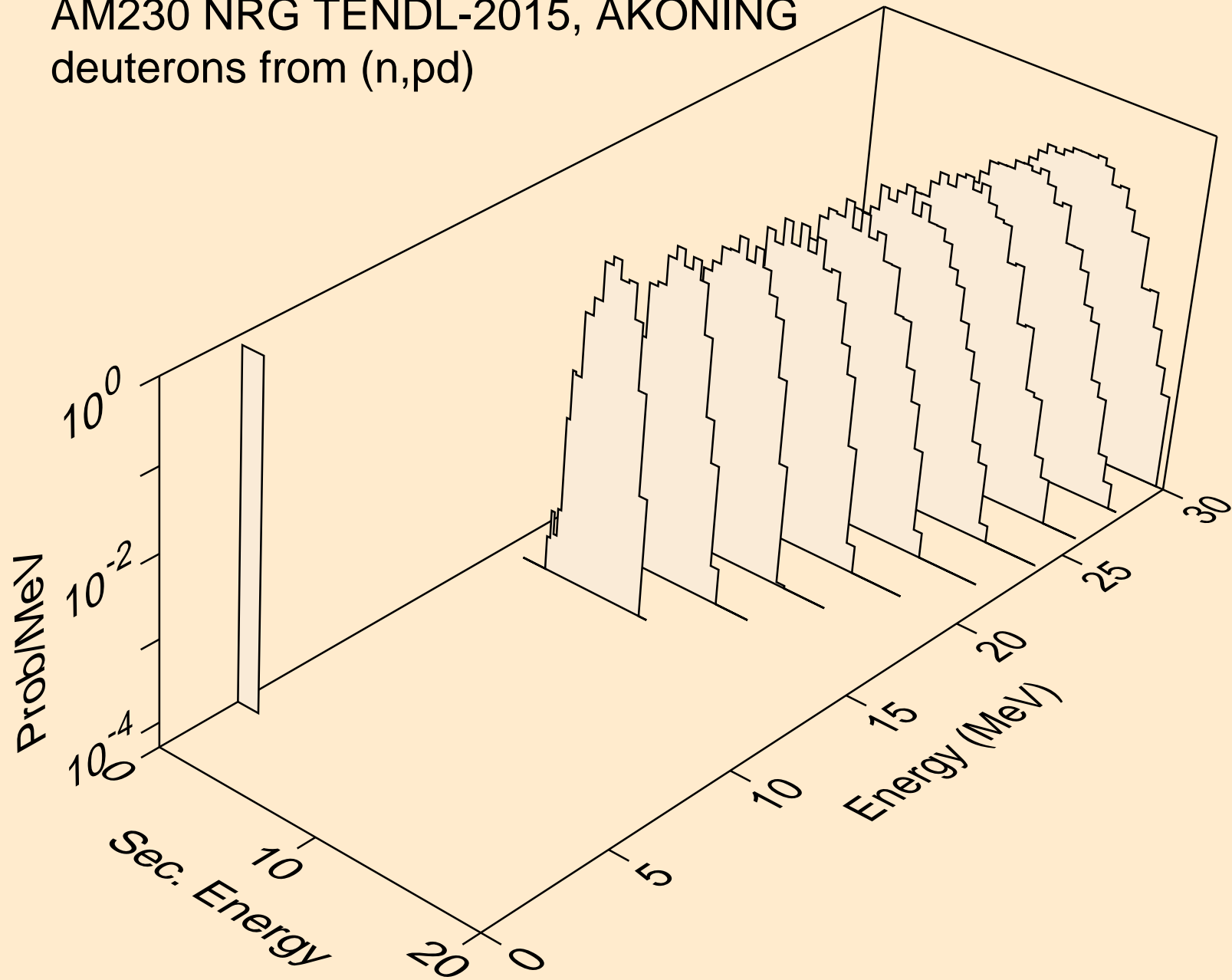


AM230 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

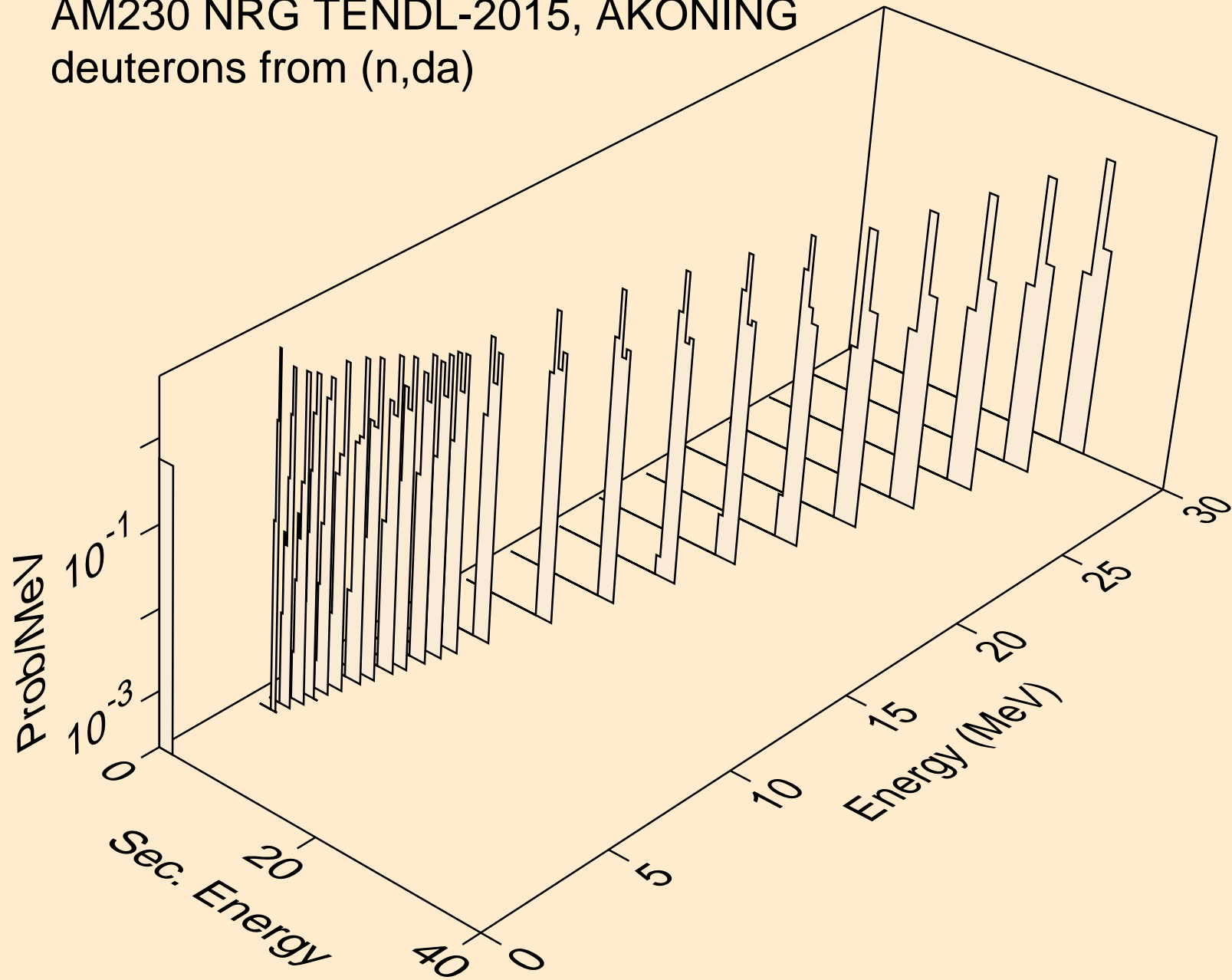




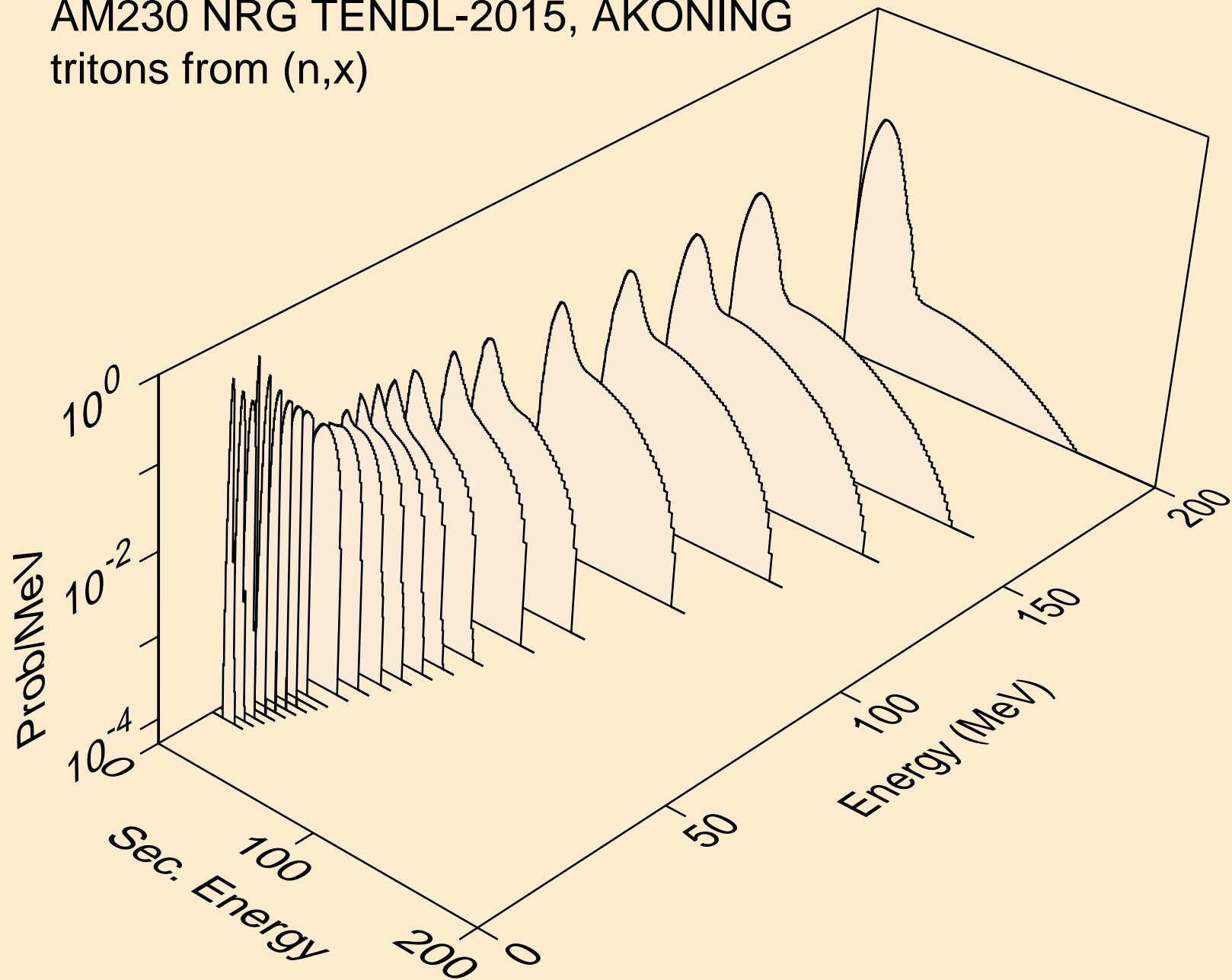
AM230 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



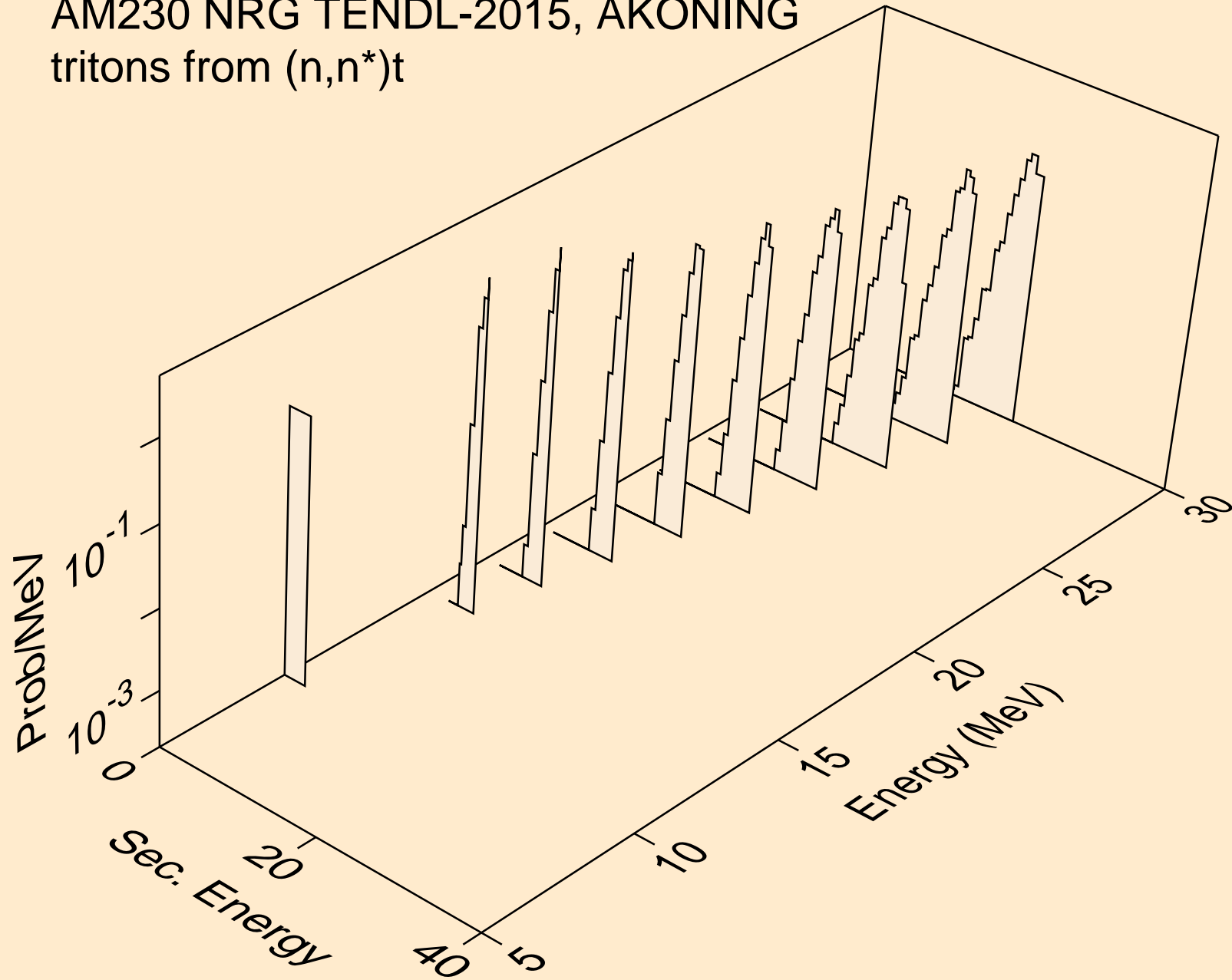
AM230 NRG TENDL-2015, AKONING  
deuterons from (n,da)



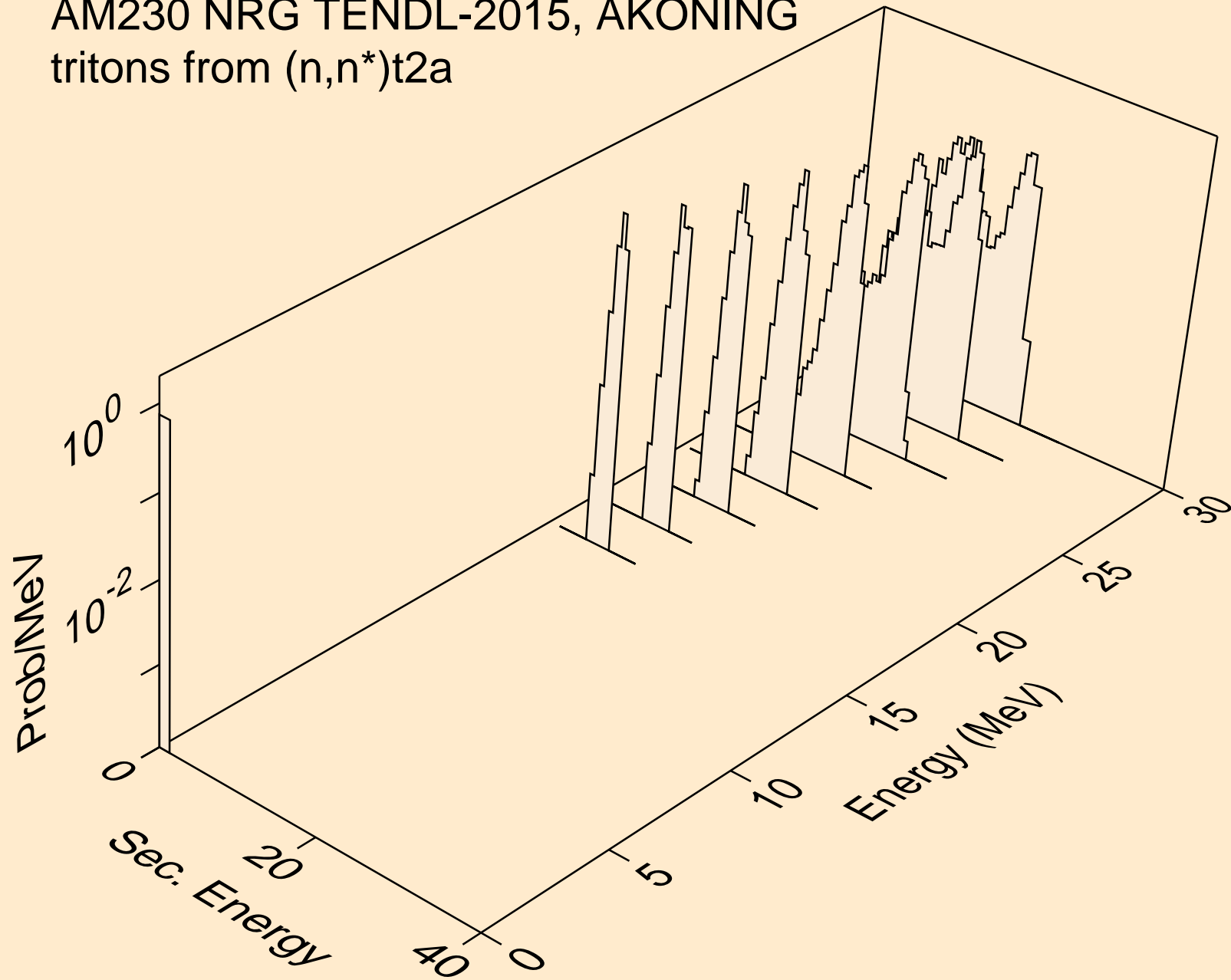
AM230 NRG TENDL-2015, AKONING  
tritons from (n,x)



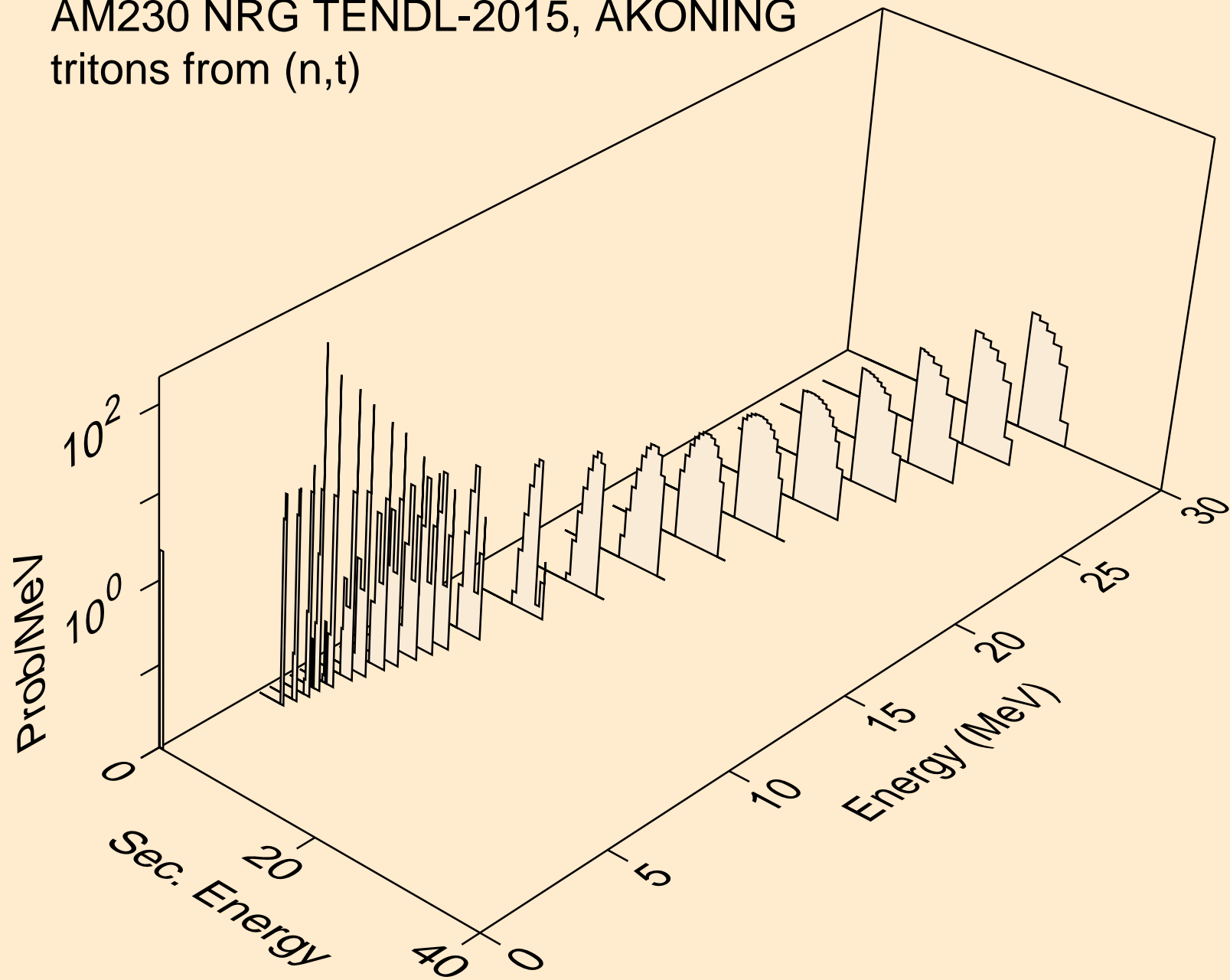
AM230 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



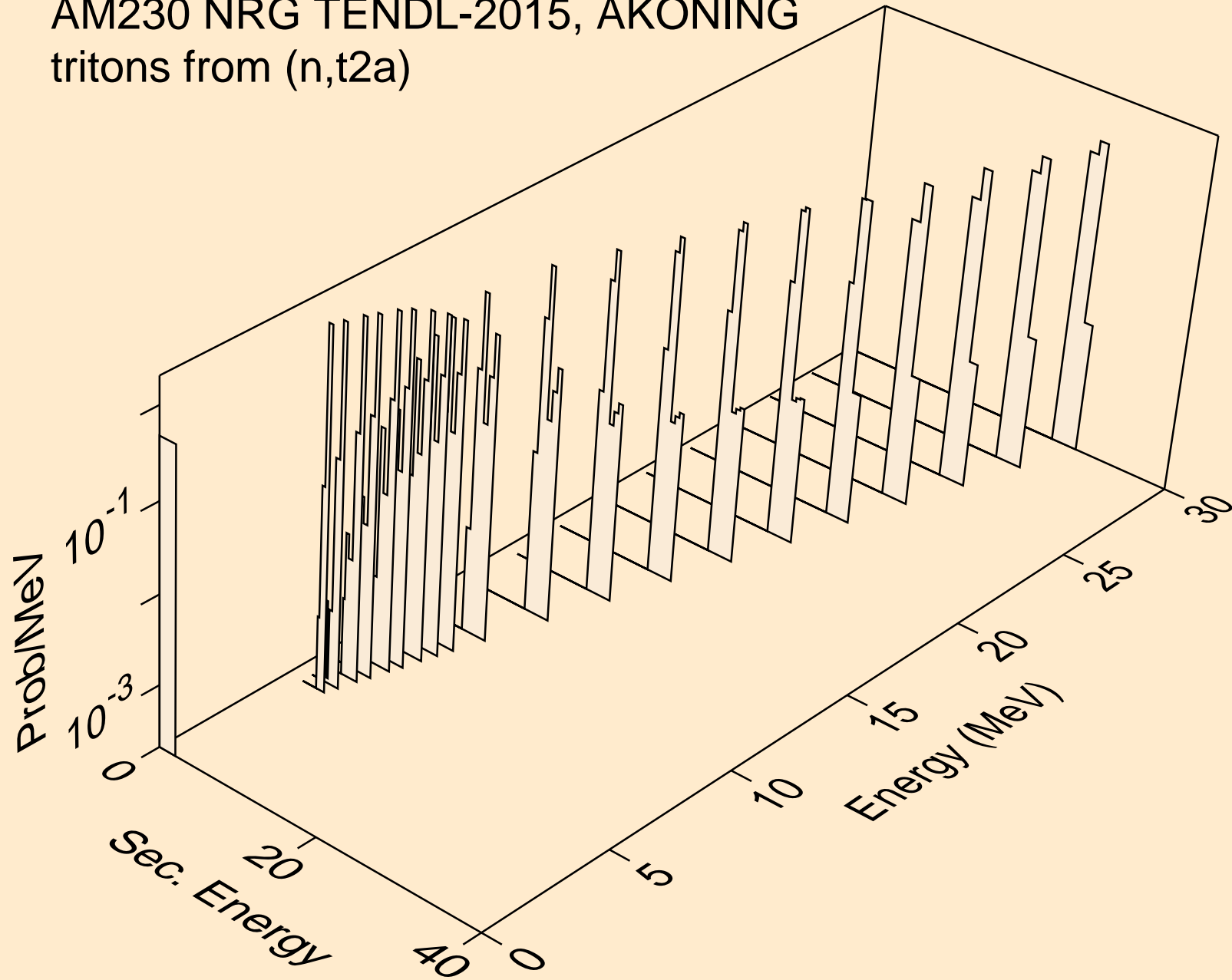
AM230 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



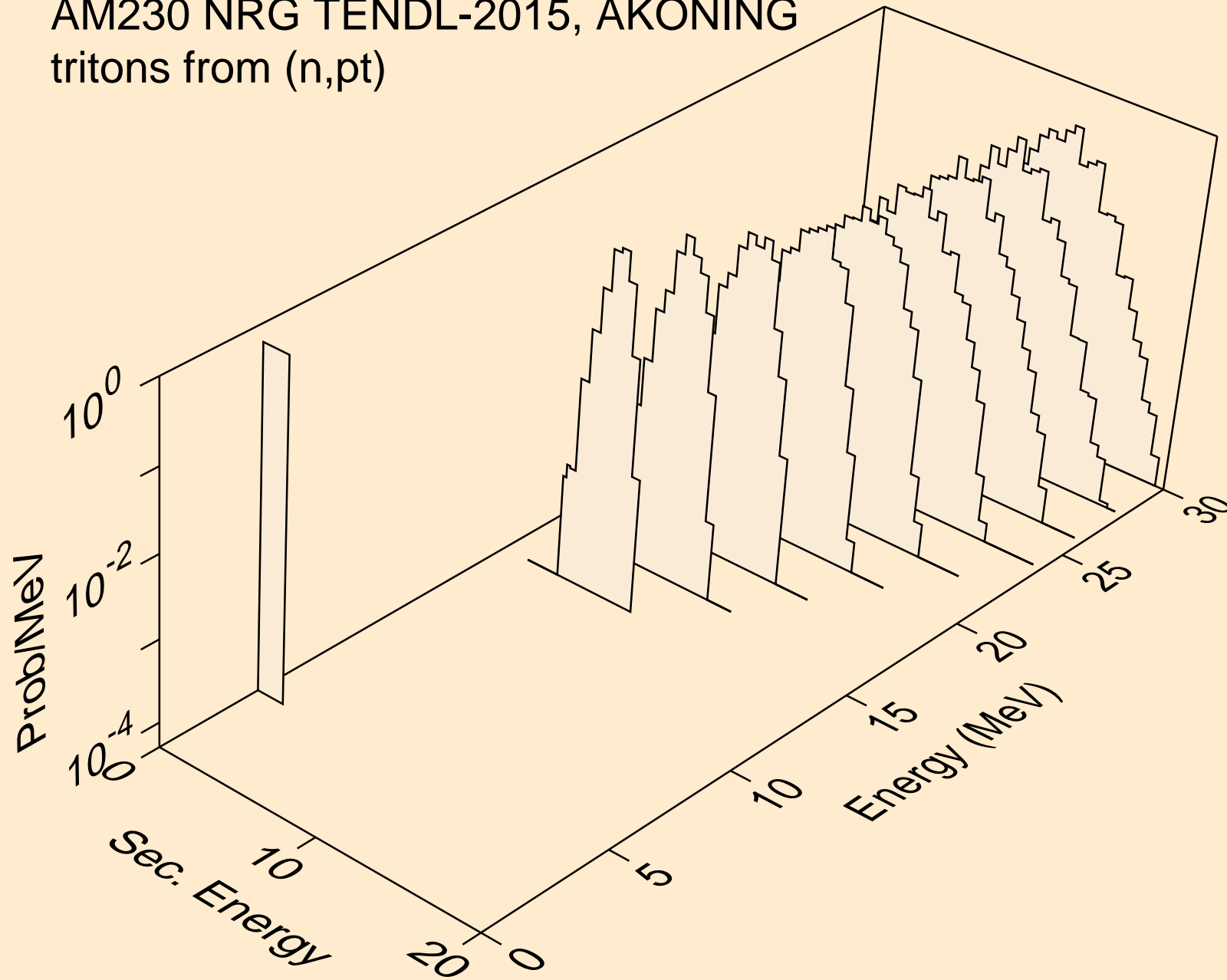
AM230 NRG TENDL-2015, AKONING  
tritons from (n,t)



AM230 NRG TENDL-2015, AKONING  
tritons from (n,t2a)

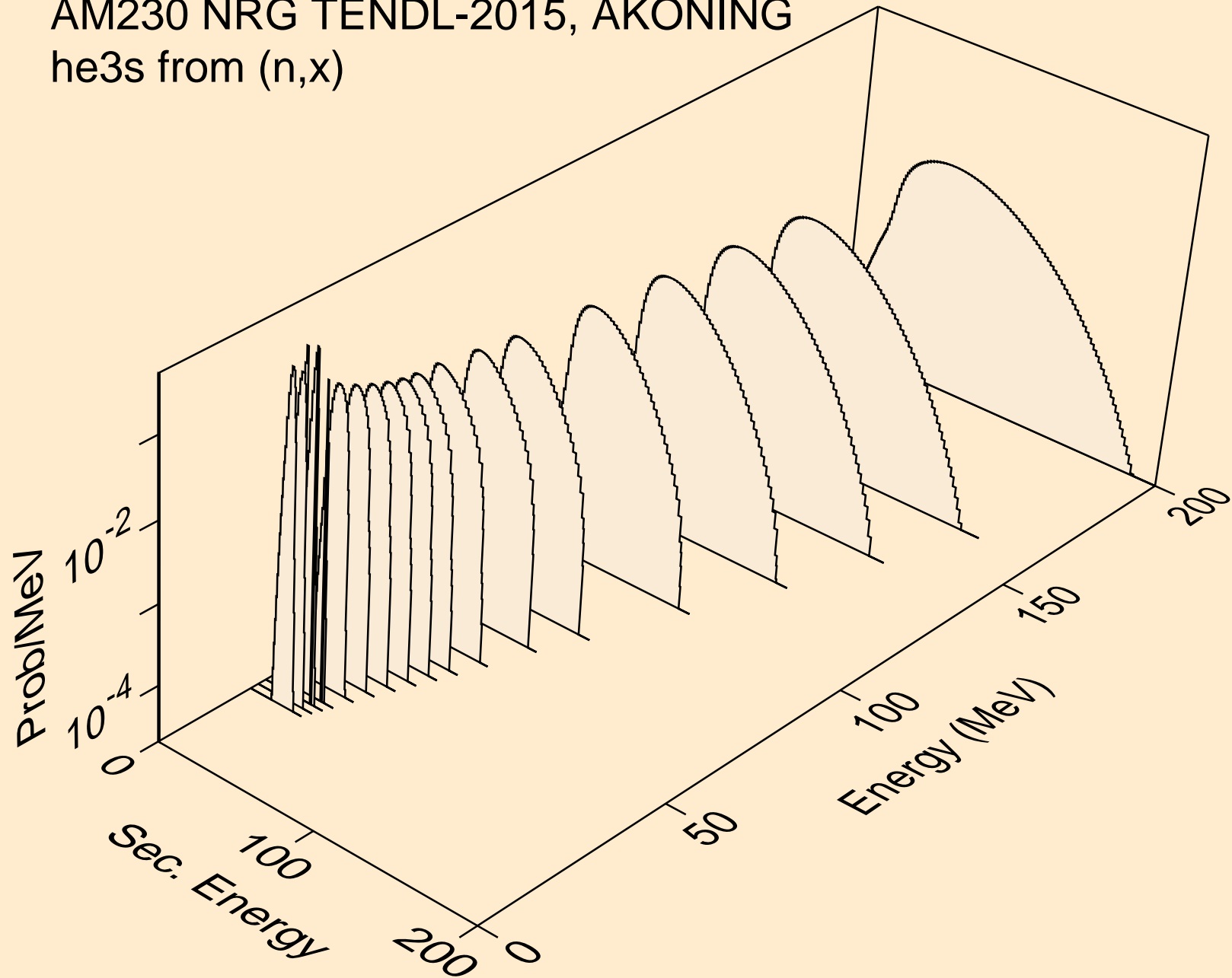


AM230 NRG TENDL-2015, AKONING  
tritons from (n,pt)

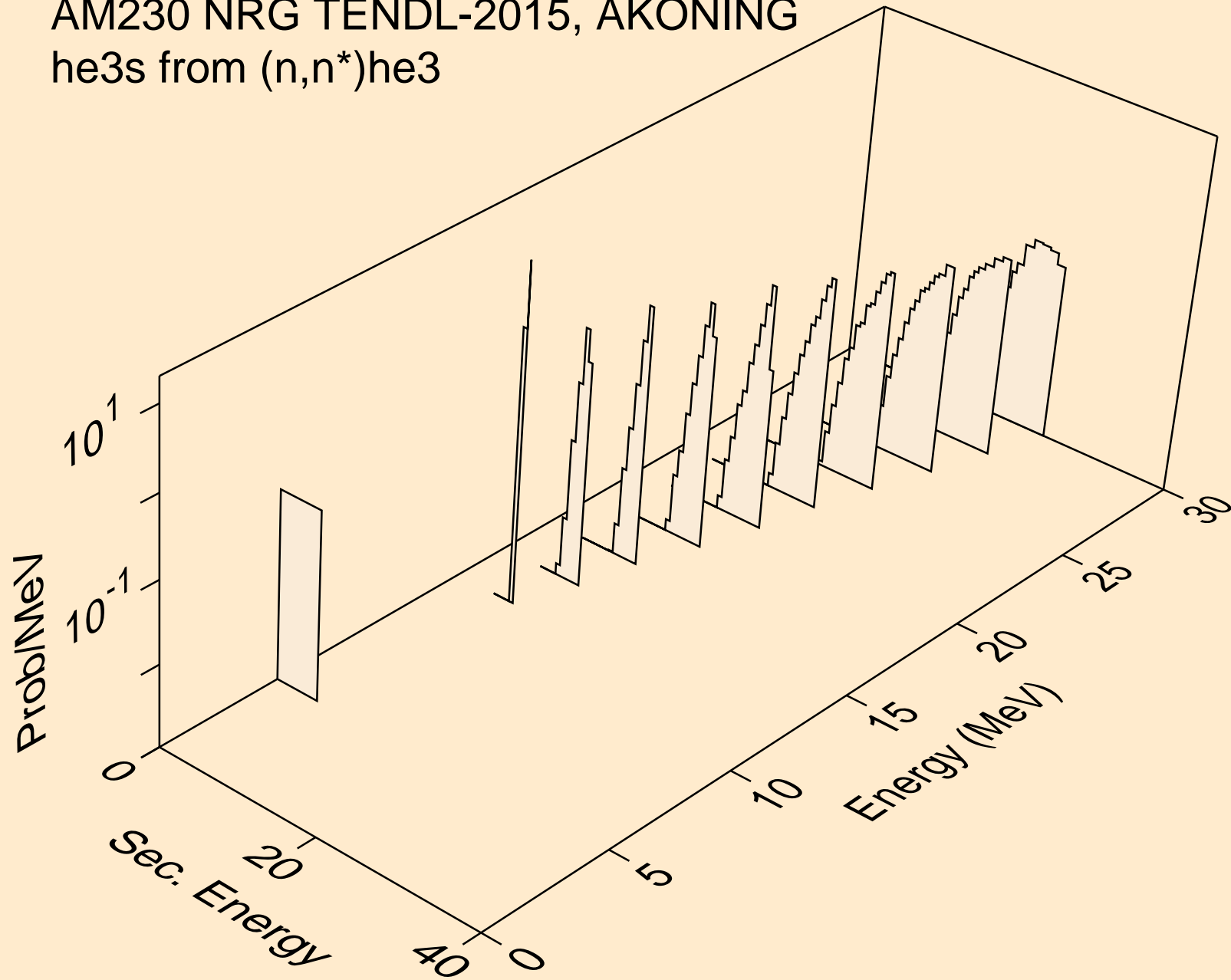




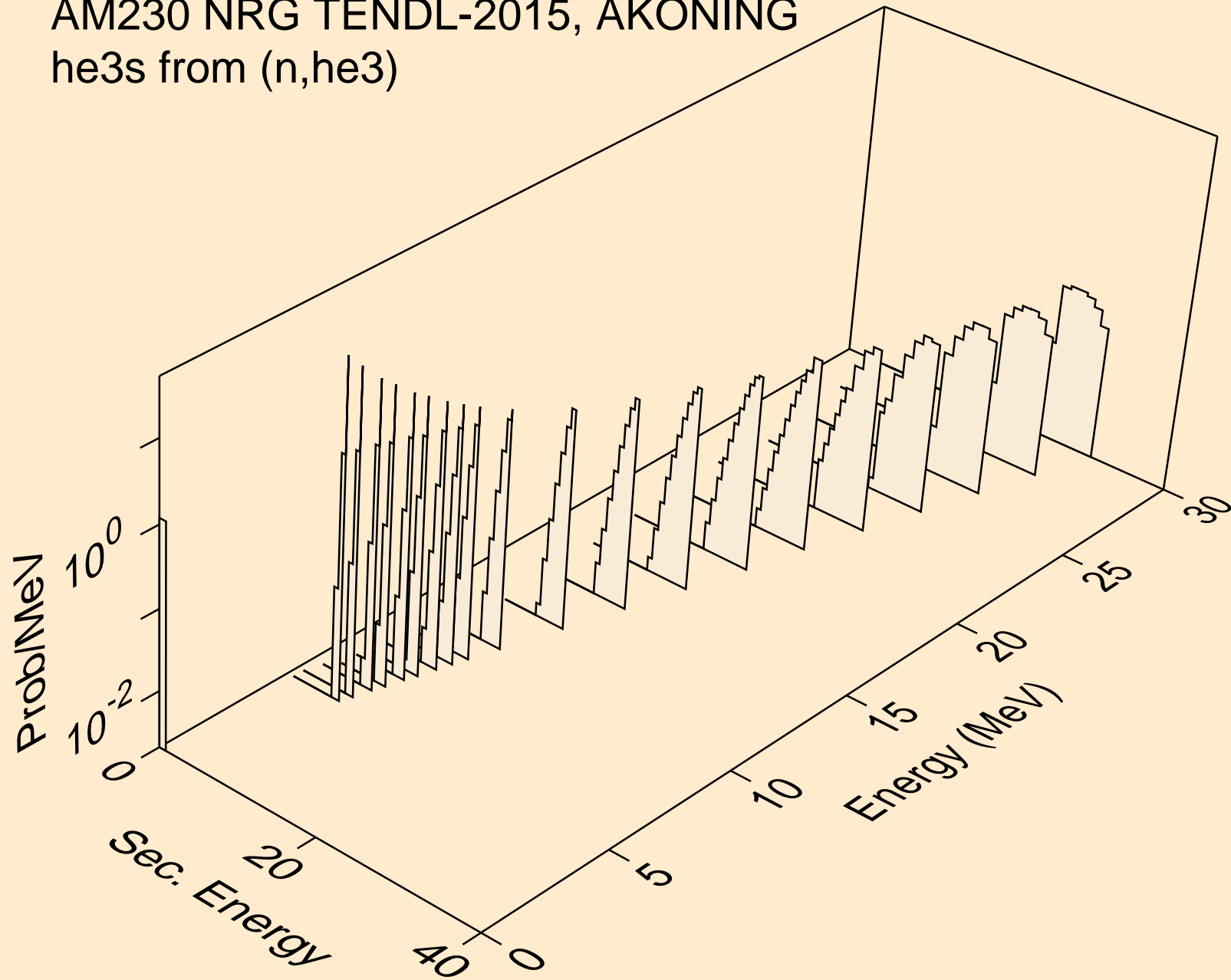
AM230 NRG TENDL-2015, AKONING  
he3s from (n,x)



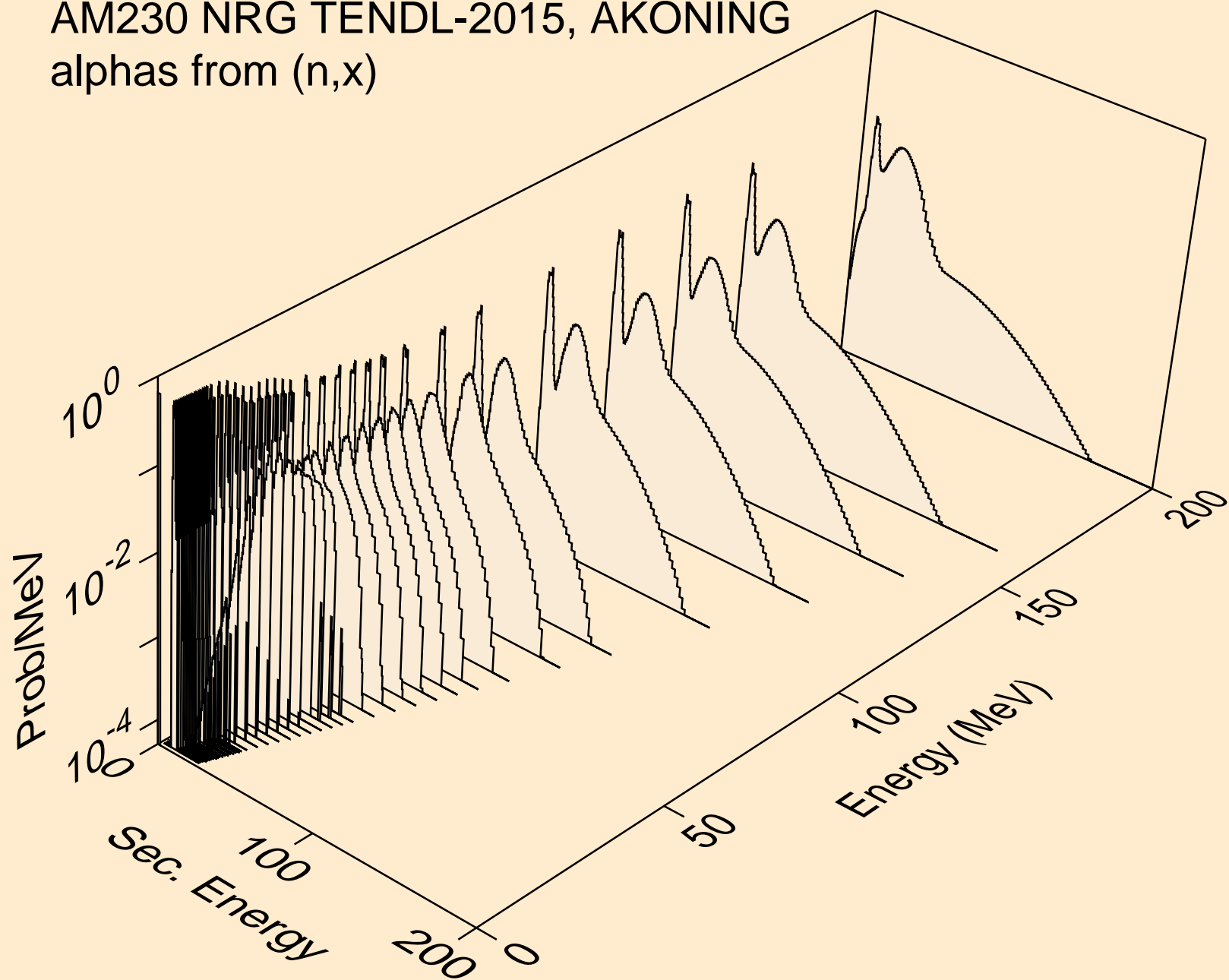
AM230 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



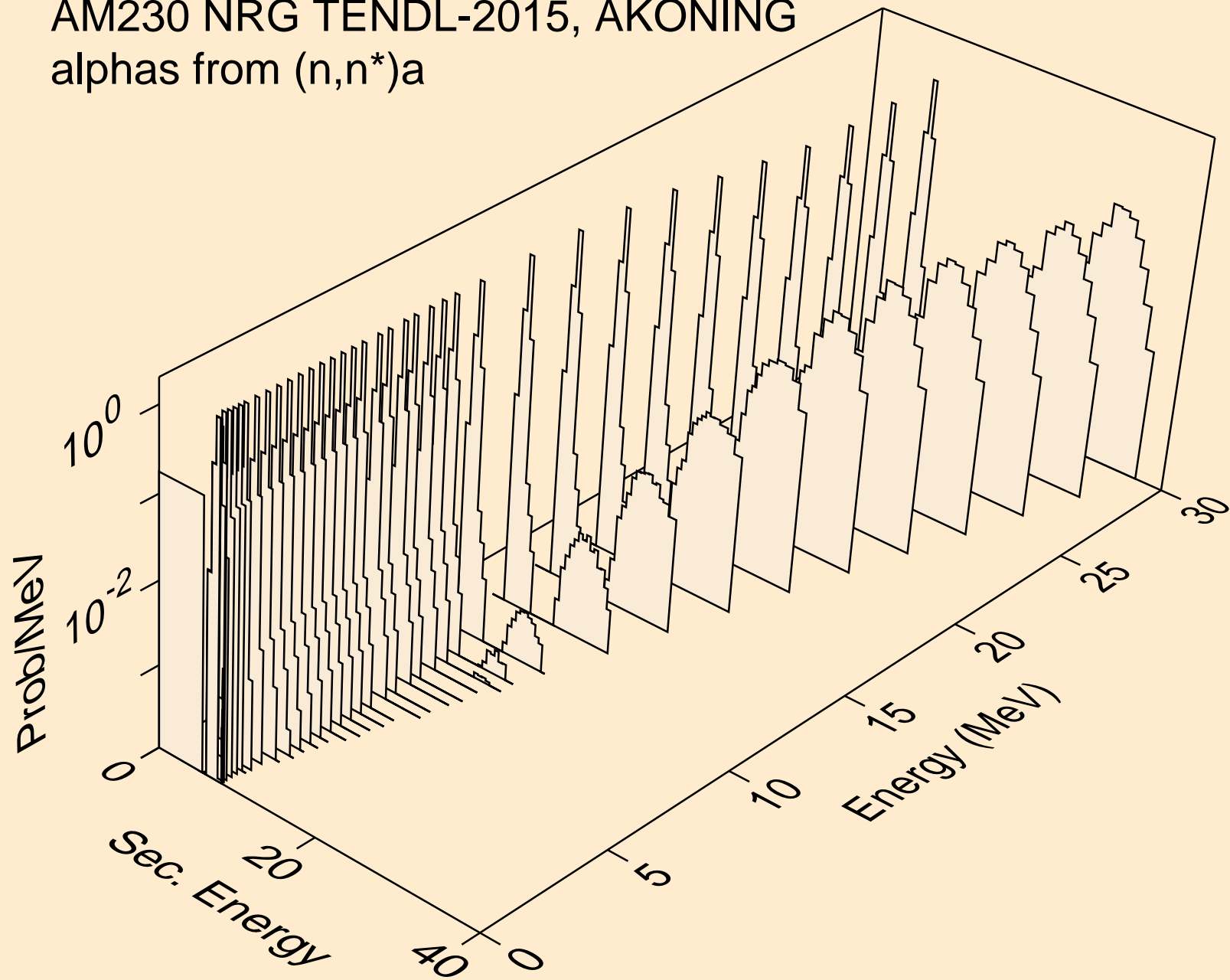
AM230 NRG TENDL-2015, AKONING  
he3s from (n,he3)



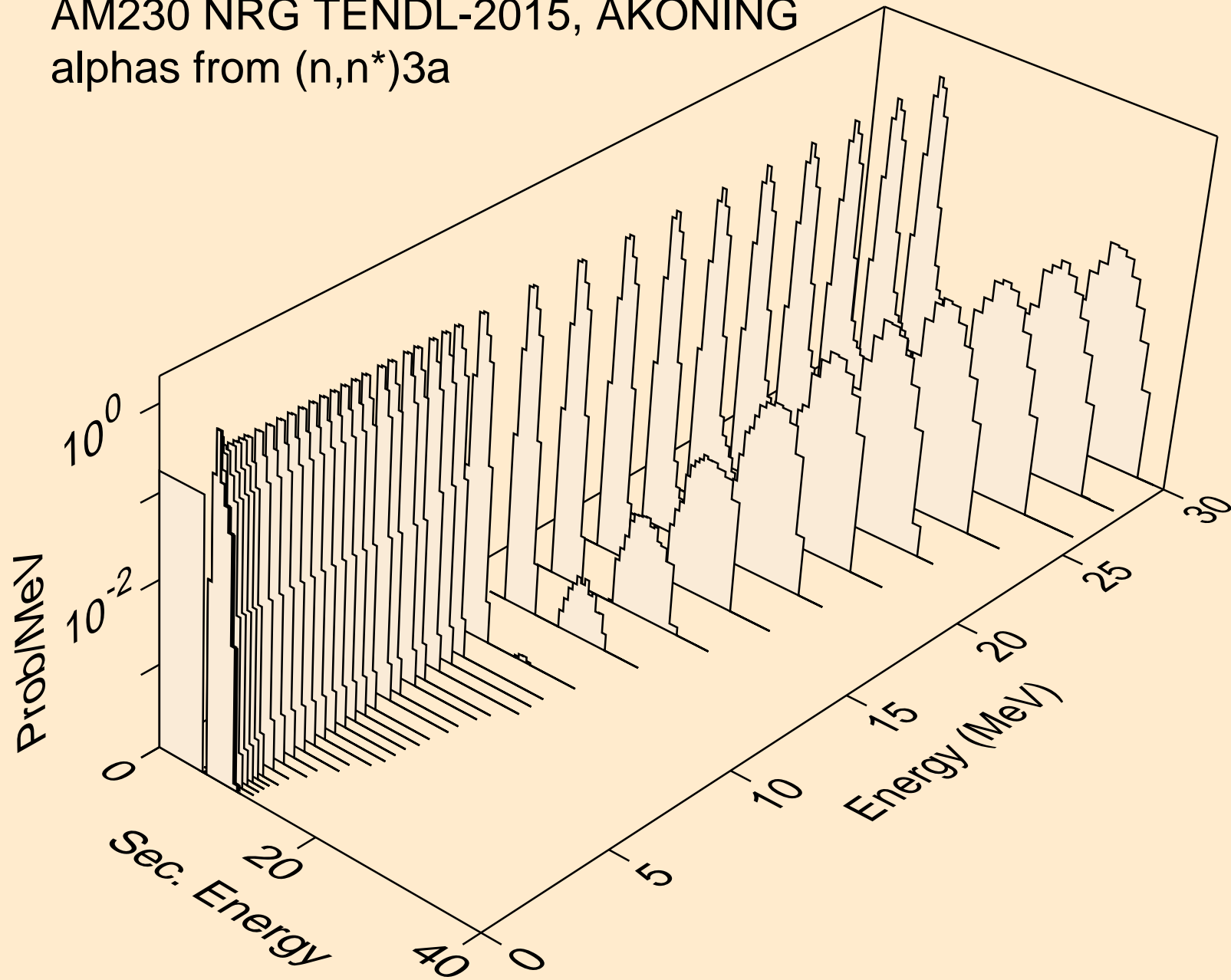
AM230 NRG TENDL-2015, AKONING  
alphas from (n,x)



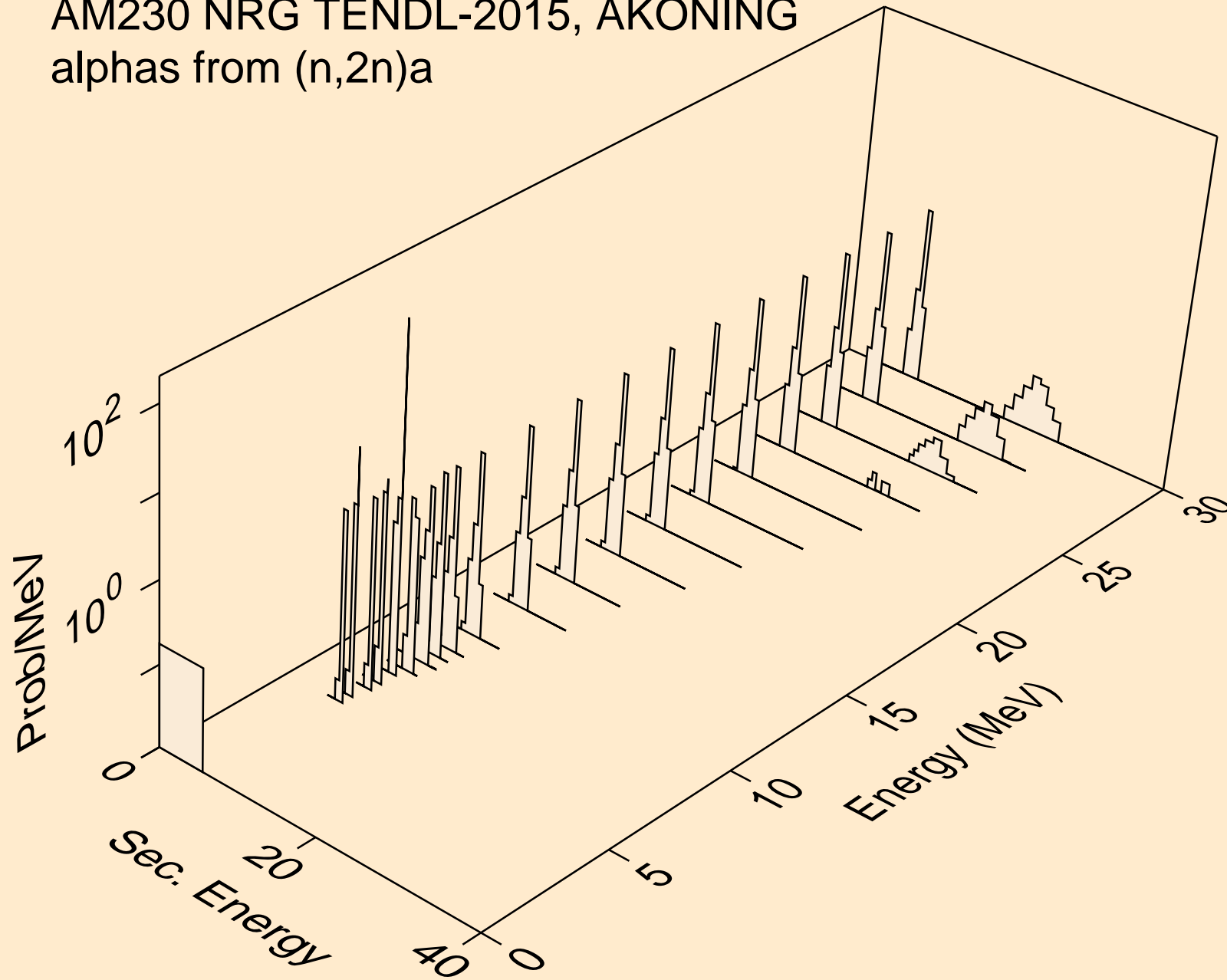
AM230 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



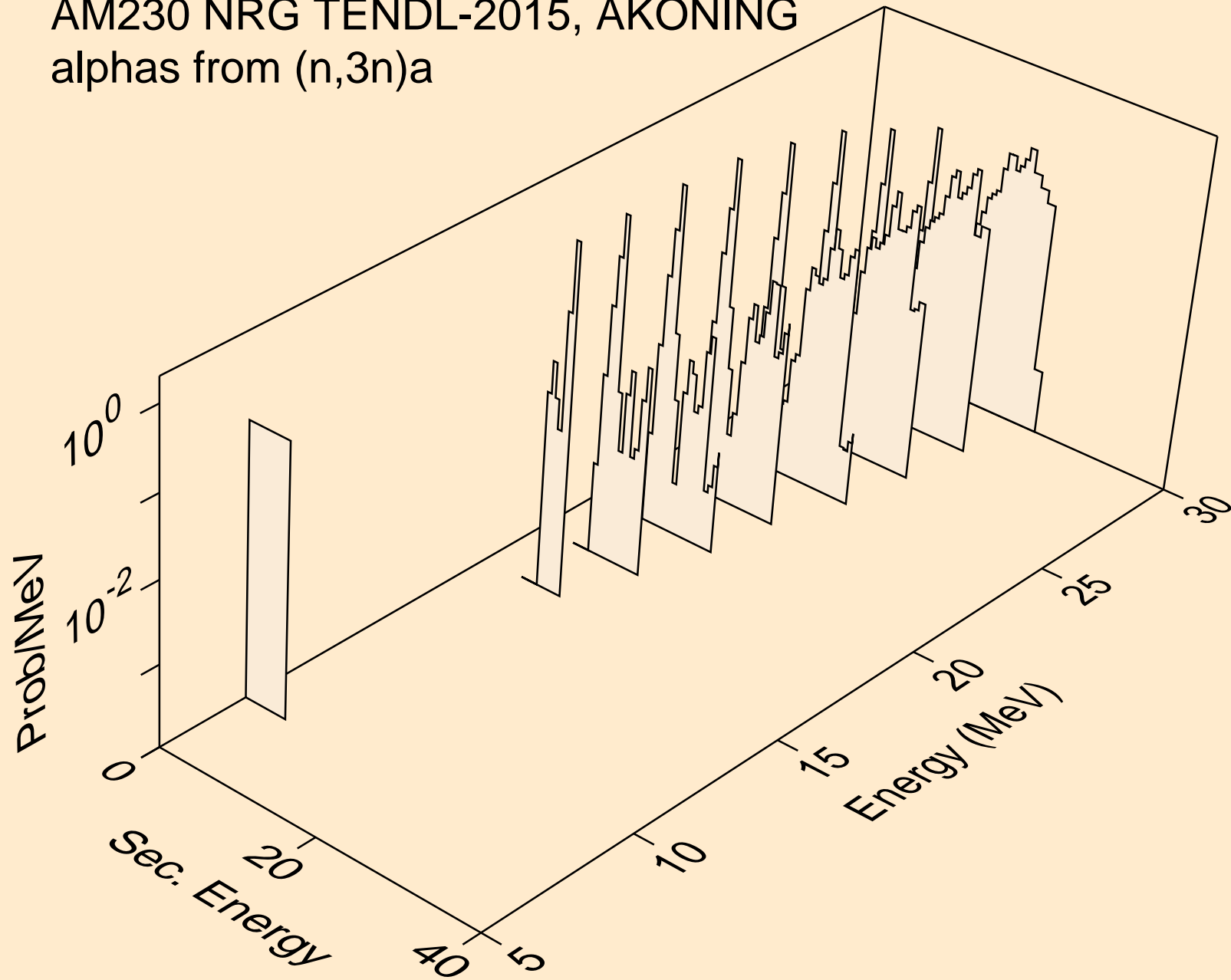
AM230 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



AM230 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

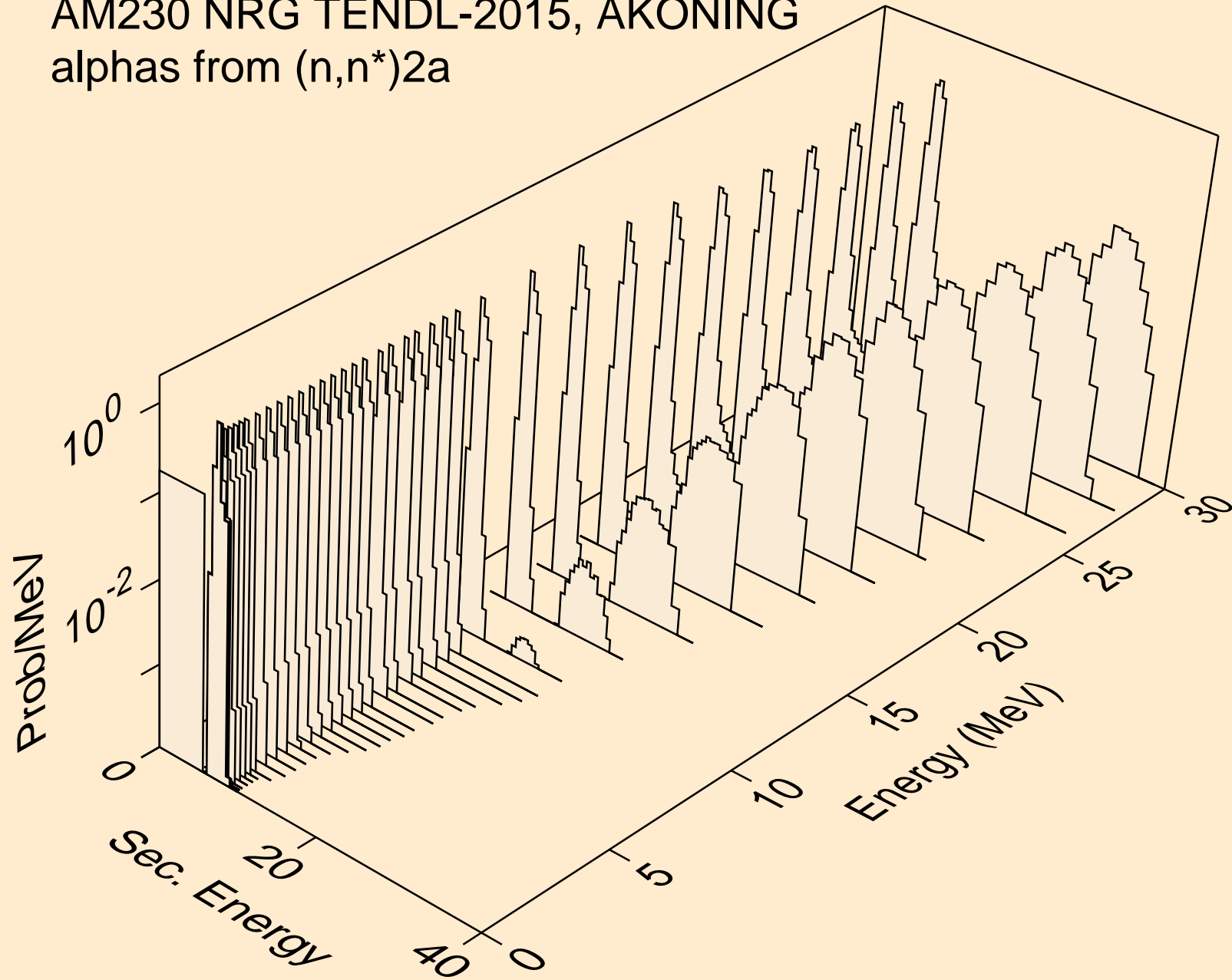


AM230 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

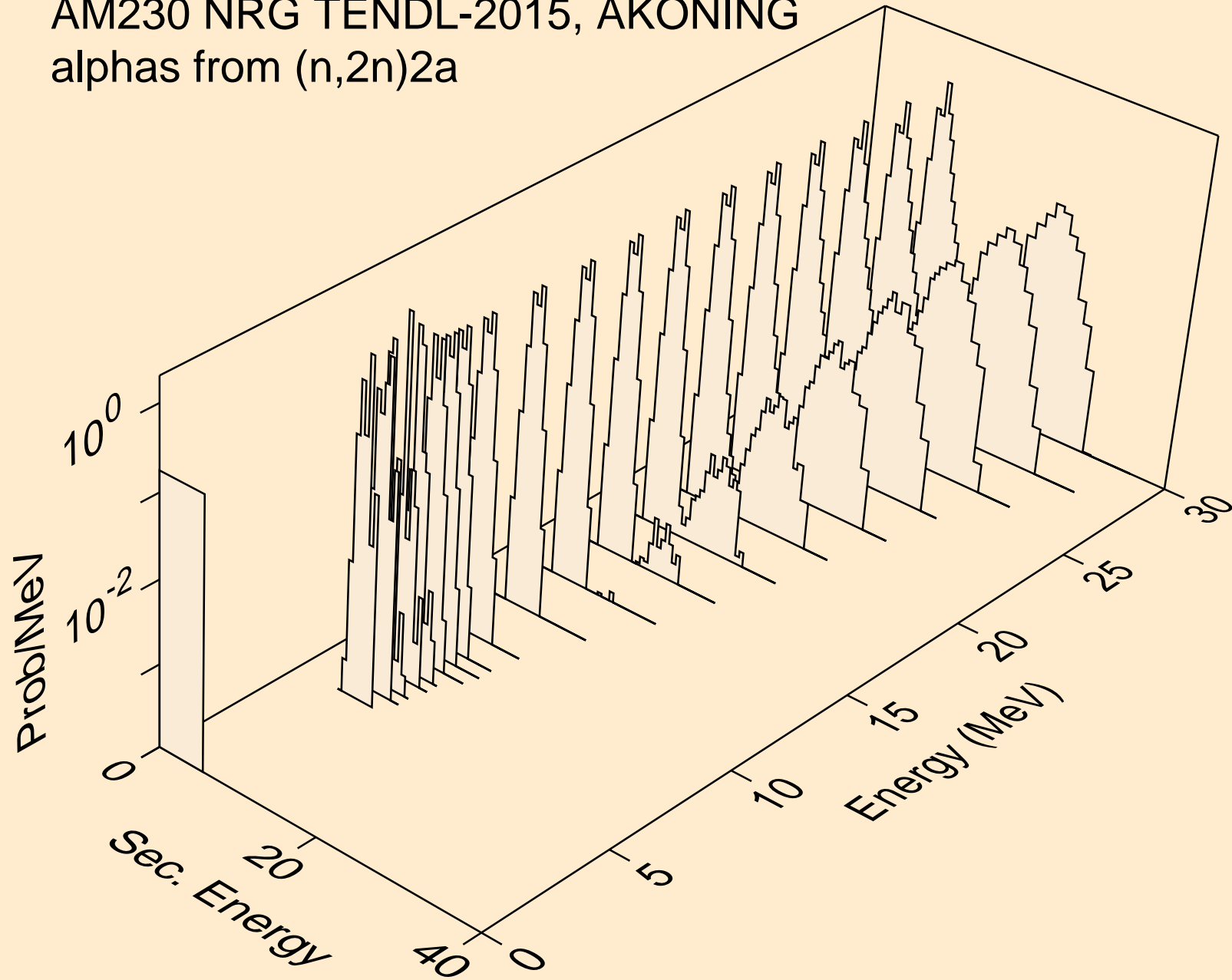




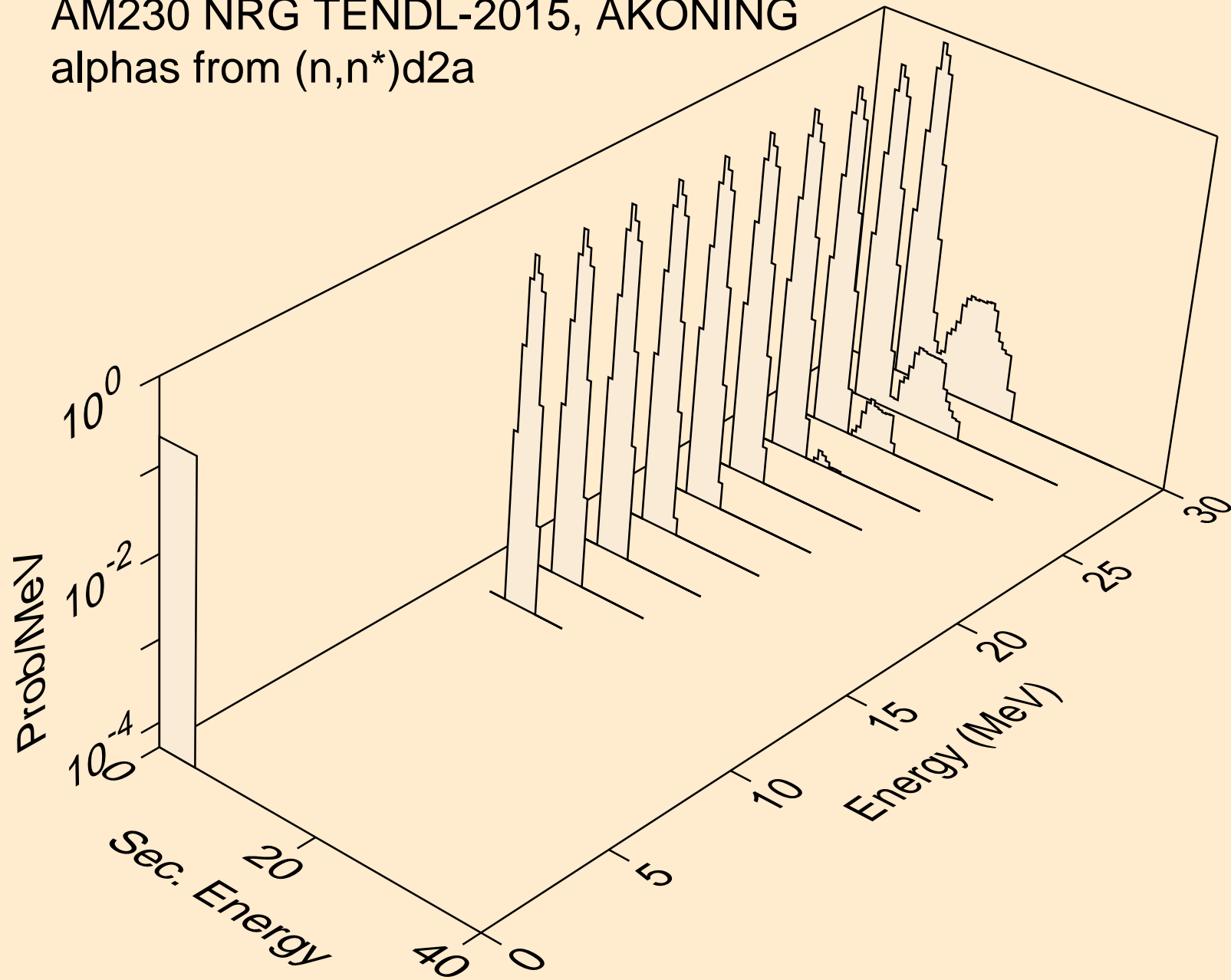
AM230 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



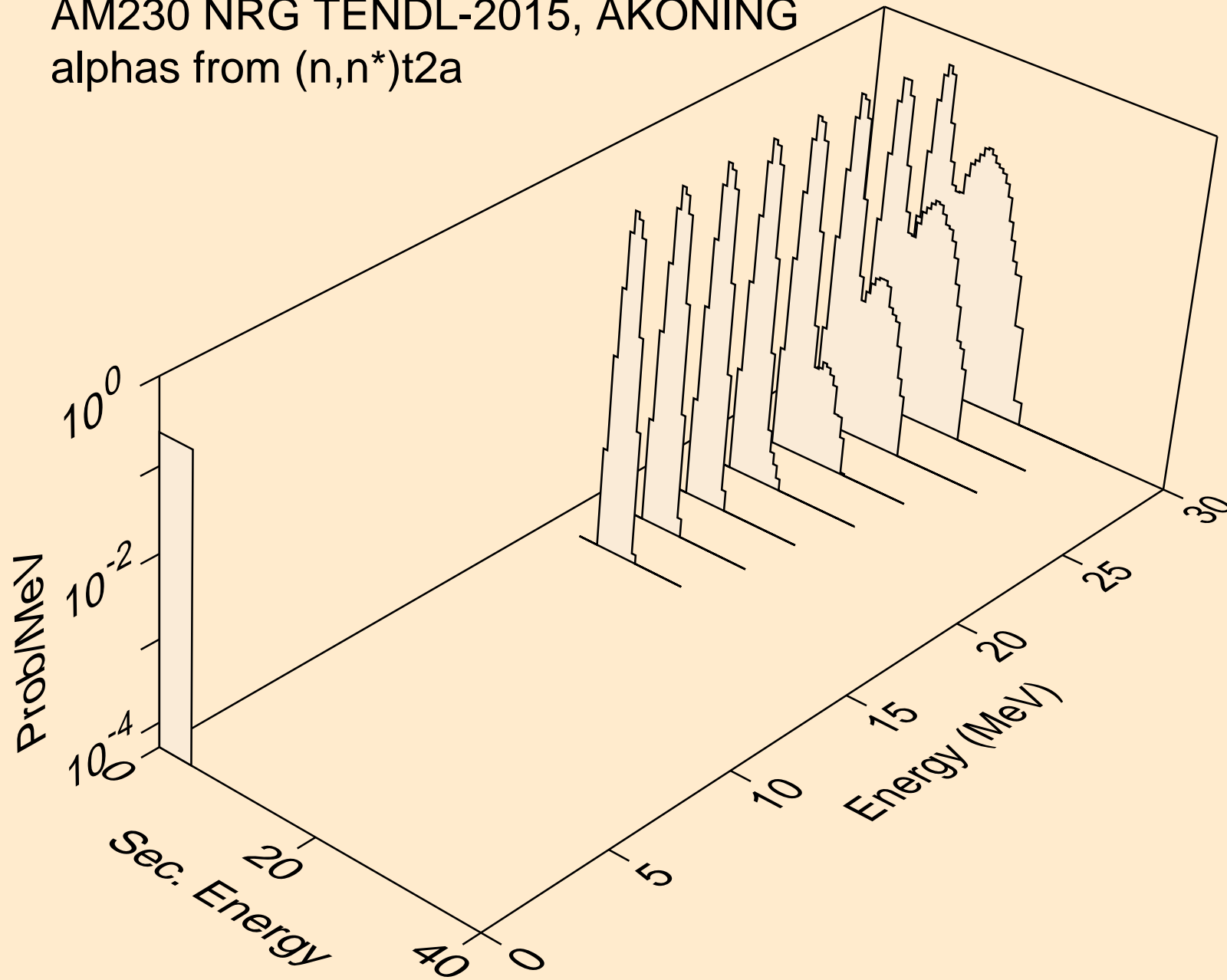
AM230 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



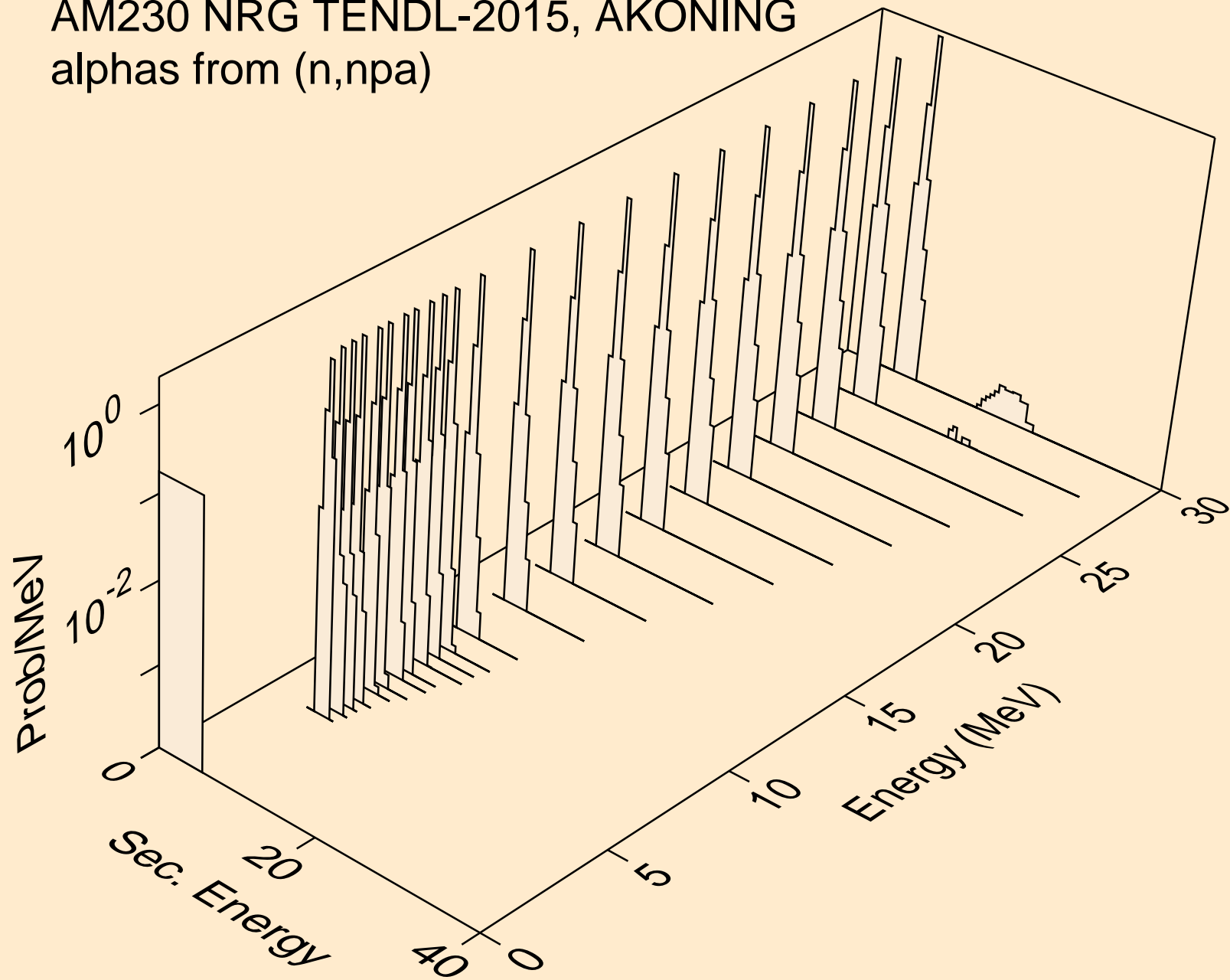
AM230 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a



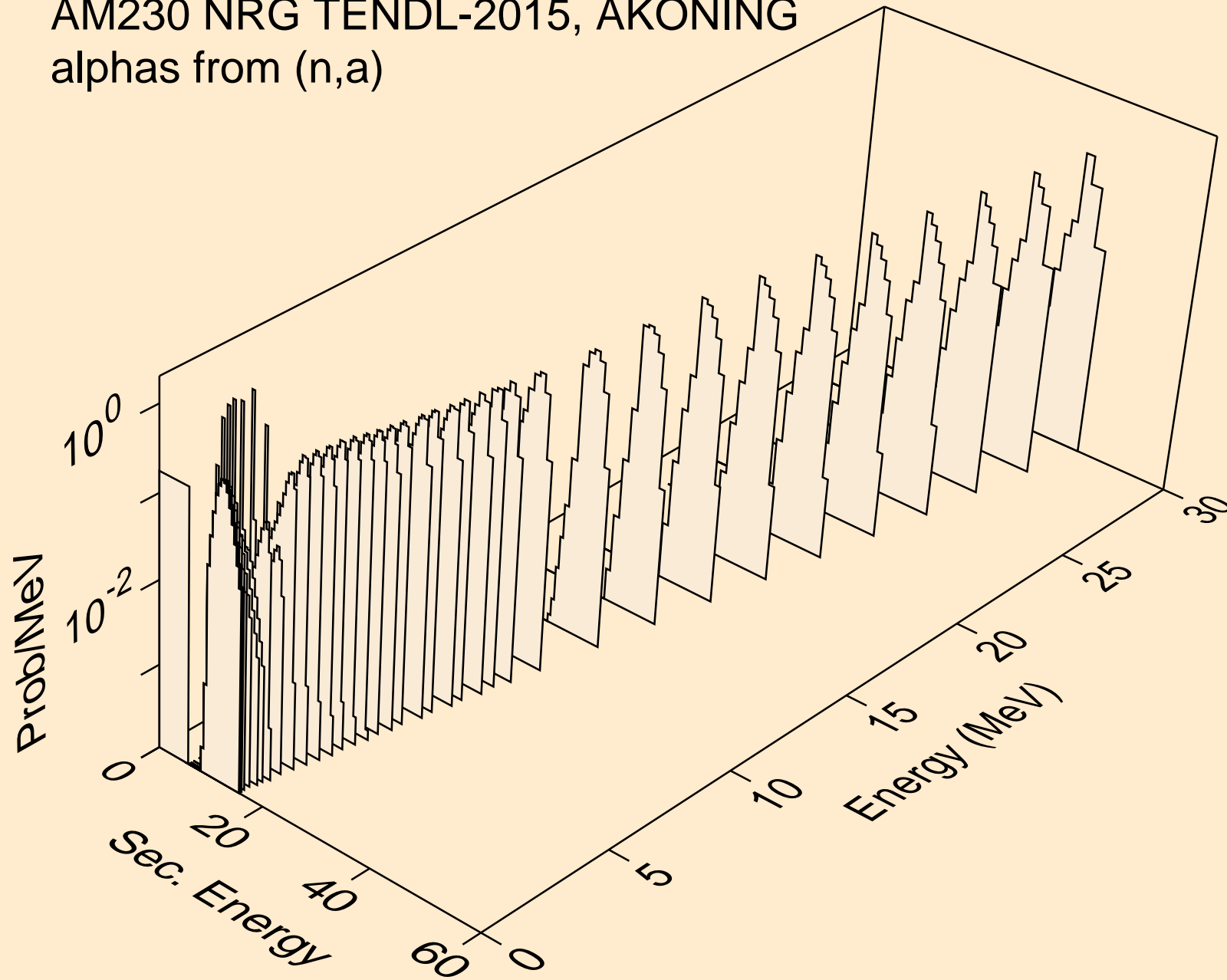
AM230 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



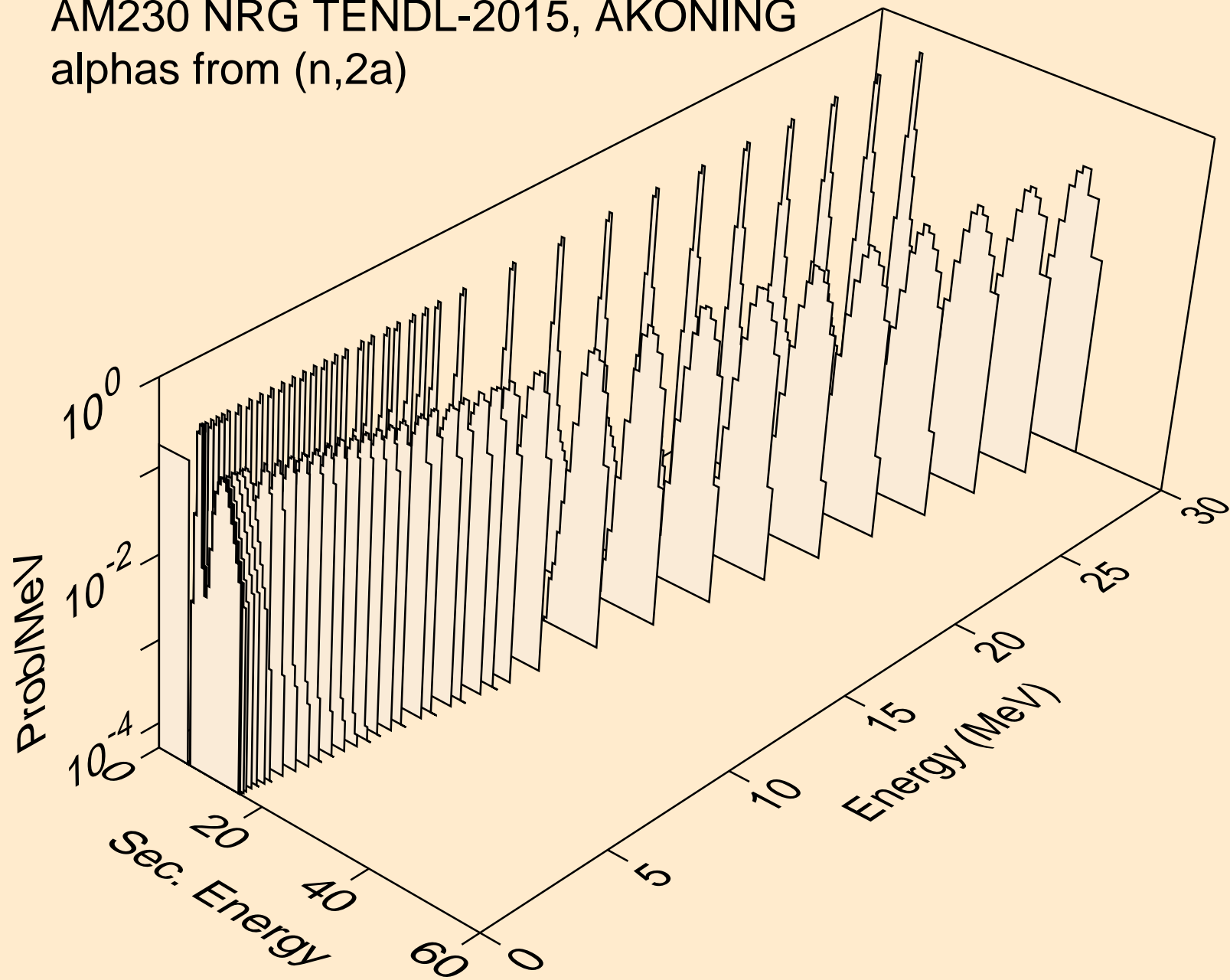
AM230 NRG TENDL-2015, AKONING  
alphas from (n,npa)



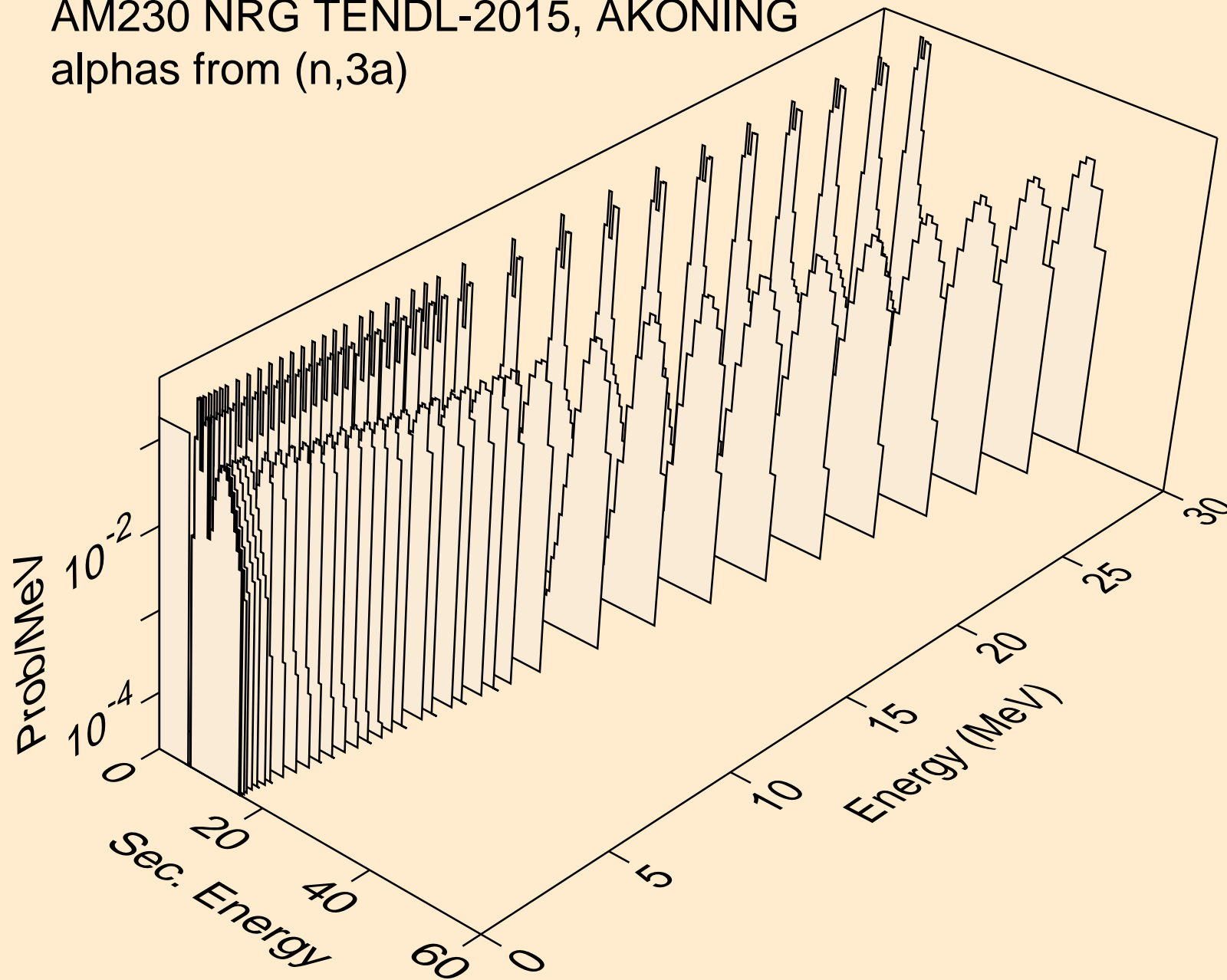
AM230 NRG TENDL-2015, AKONING  
alphas from (n,a)



AM230 NRG TENDL-2015, AKONING  
alphas from (n,2a)

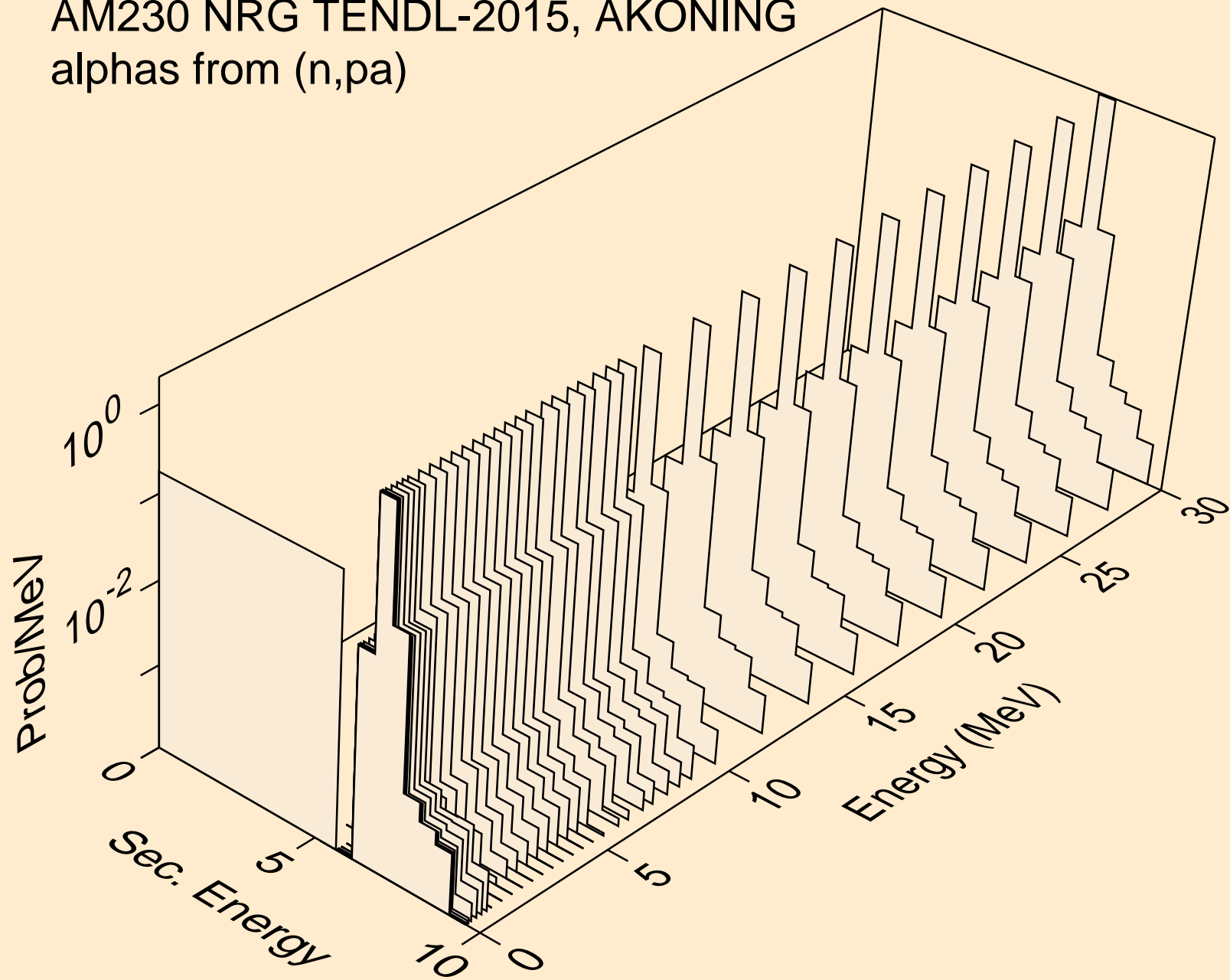


AM230 NRG TENDL-2015, AKONING  
alphas from (n,3a)

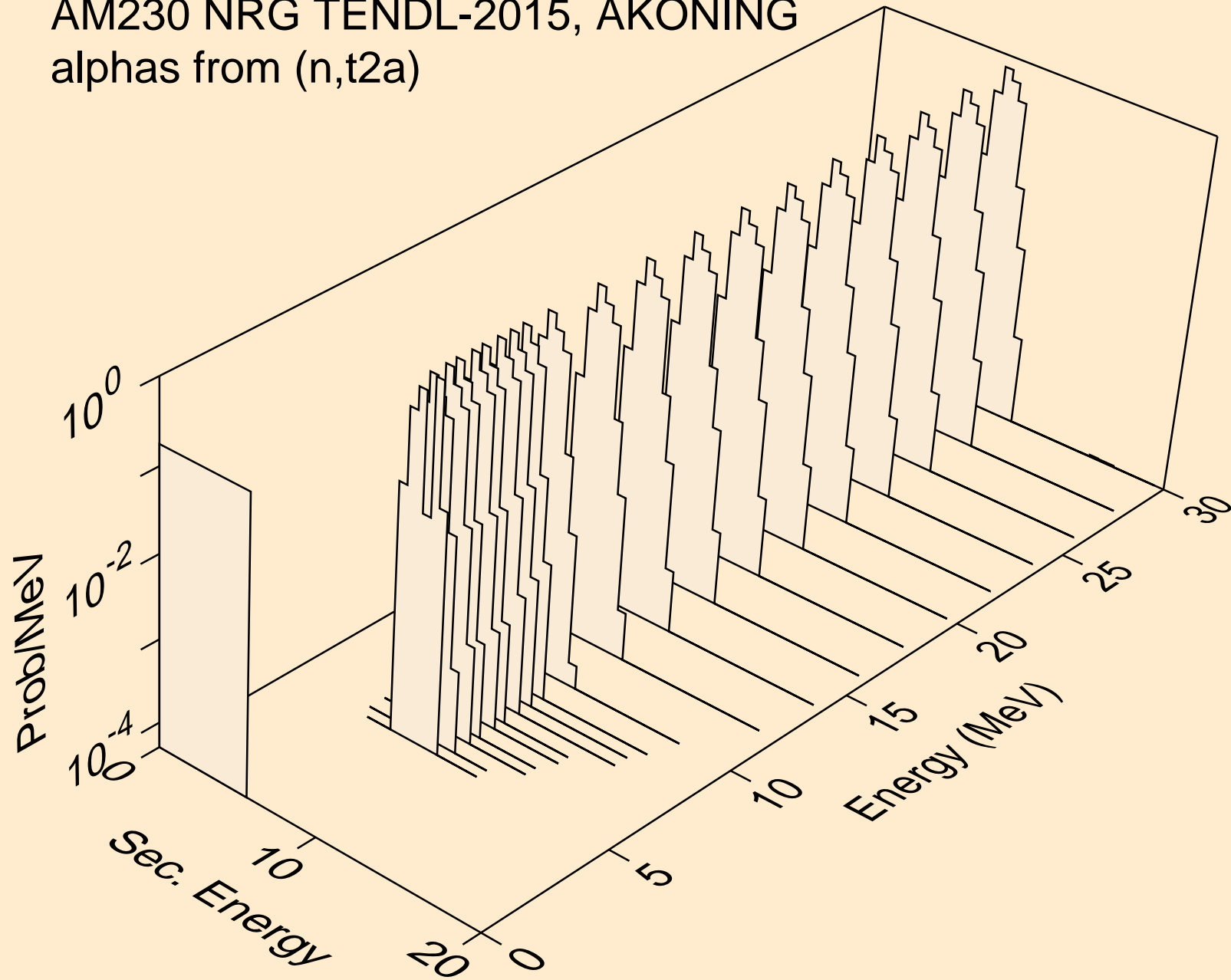




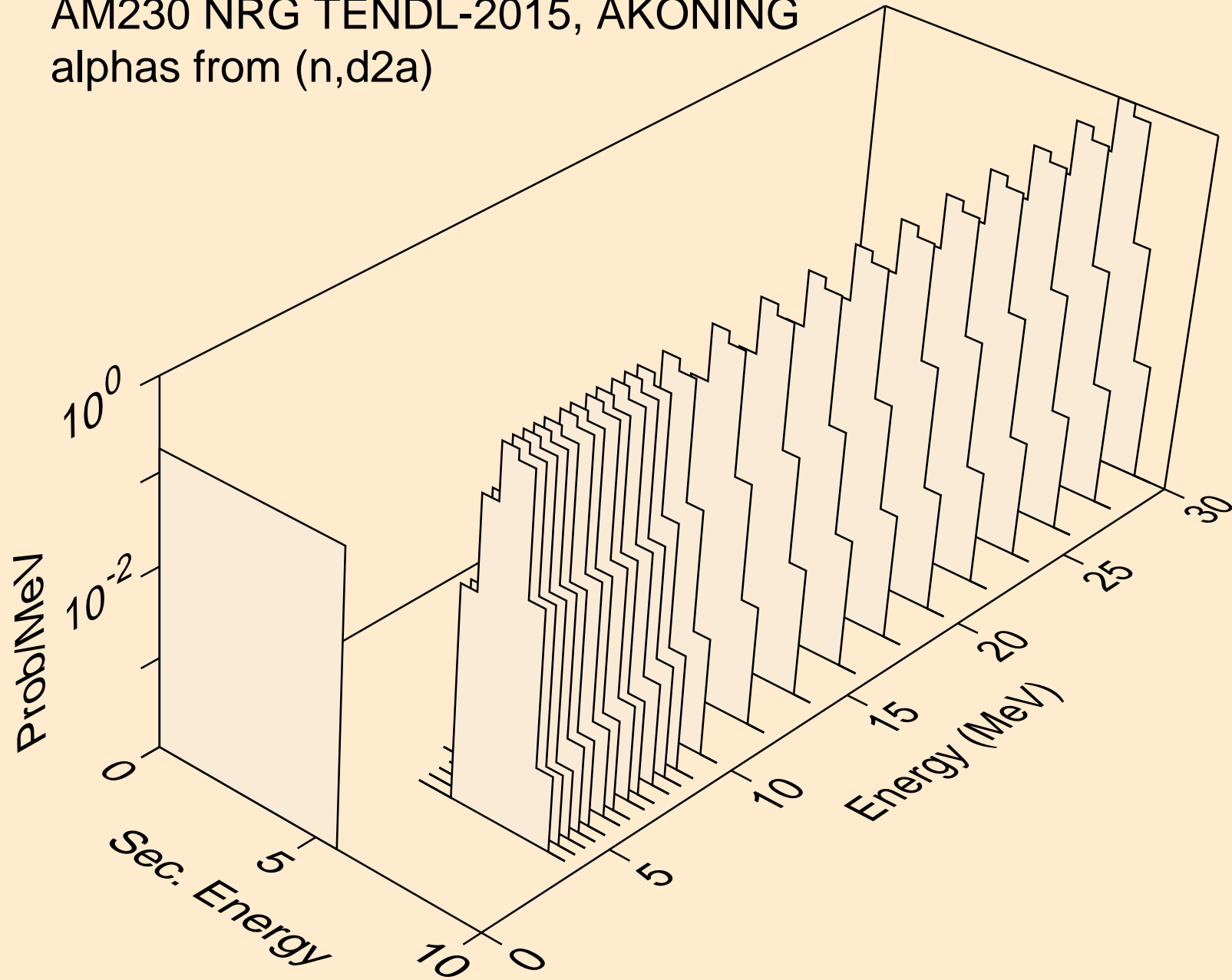
AM230 NRG TENDL-2015, AKONING  
alphas from (n,pa)



AM230 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



AM230 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



AM230 NRG TENDL-2015, AKONING  
alphas from (n,da)

