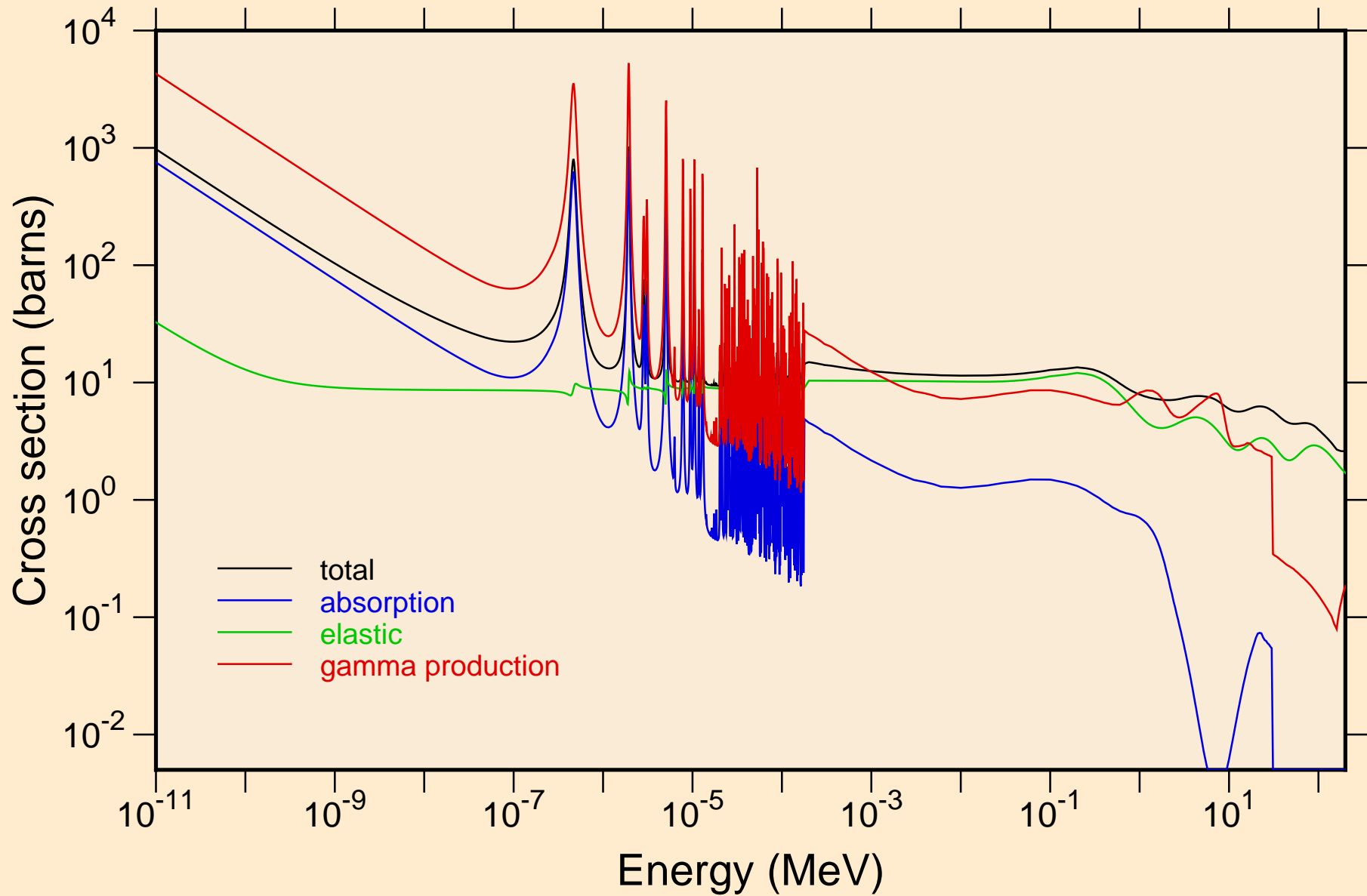
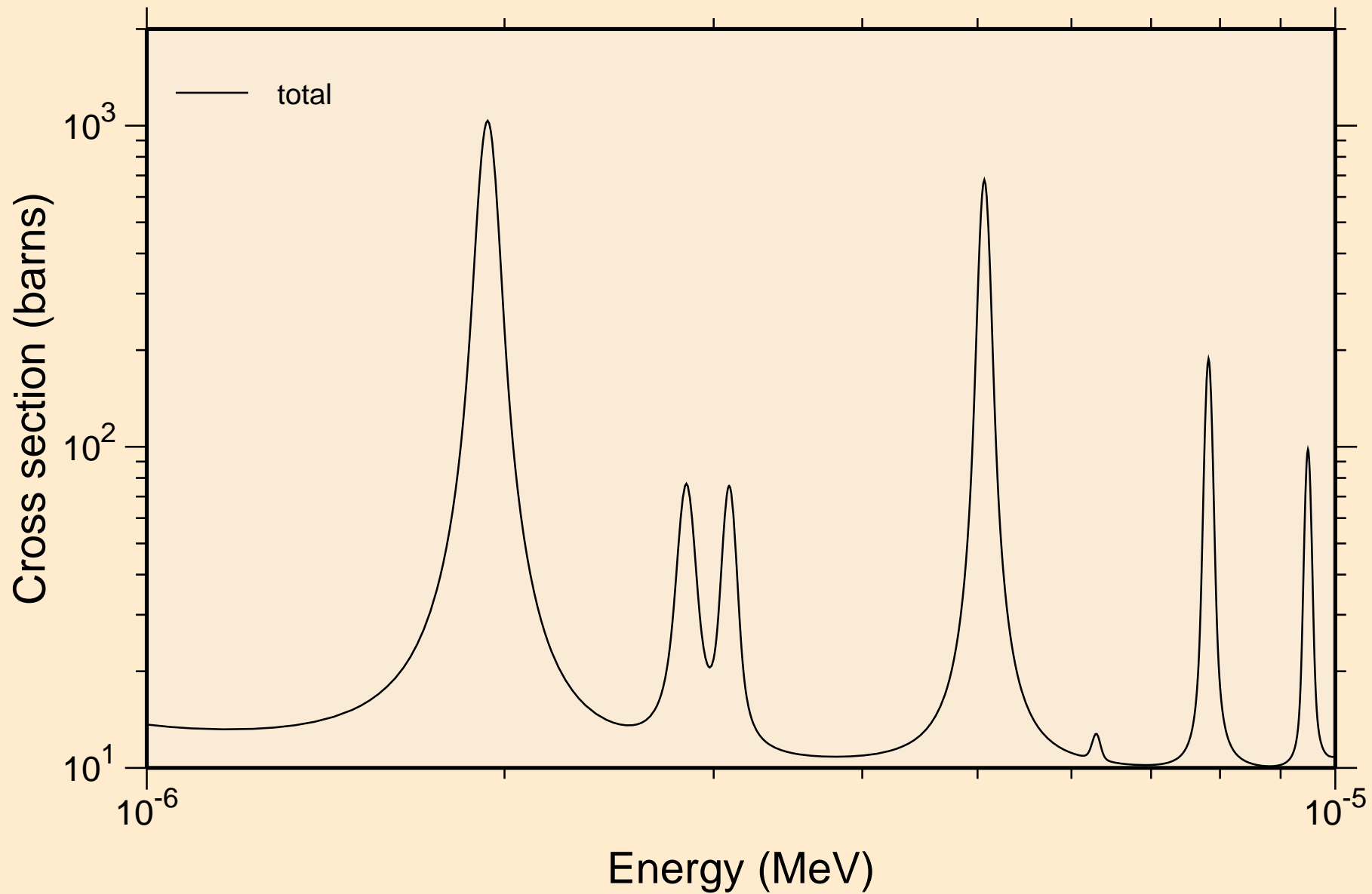


# MD247 NRG TENDL-2015, AKONING

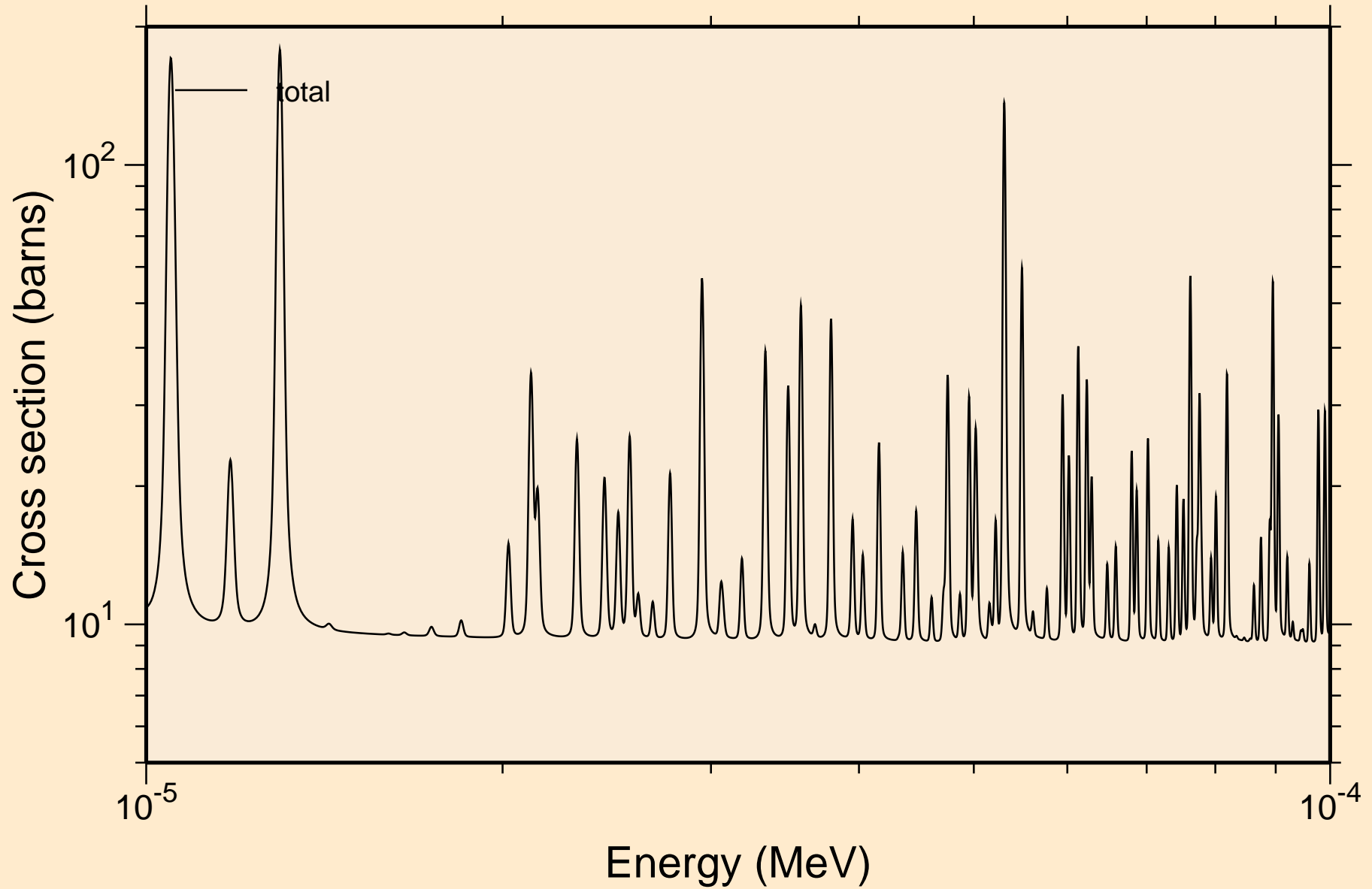
## Principal cross sections



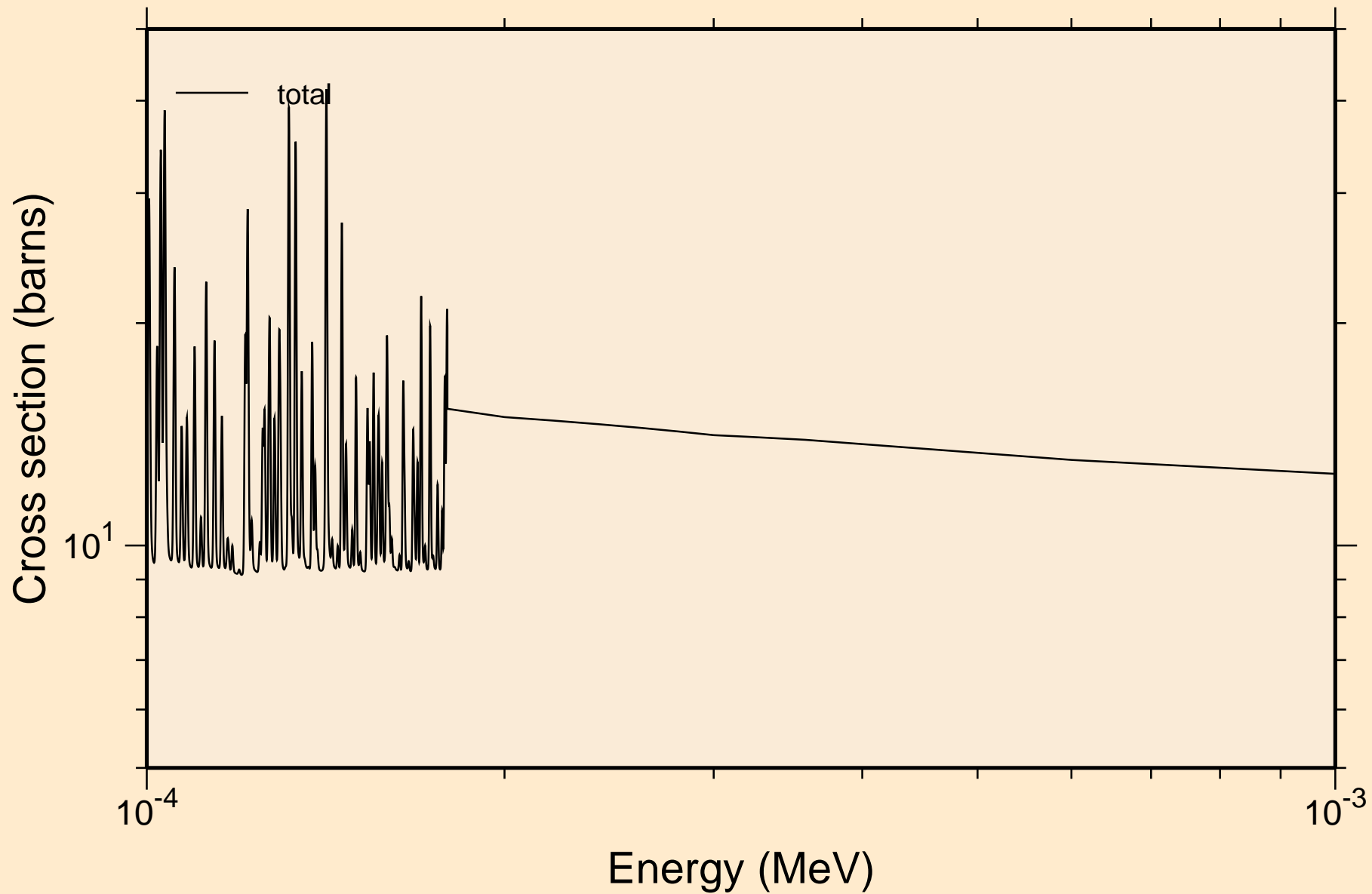
MD247 NRG TENDL-2015, AKONING  
resonance total cross section



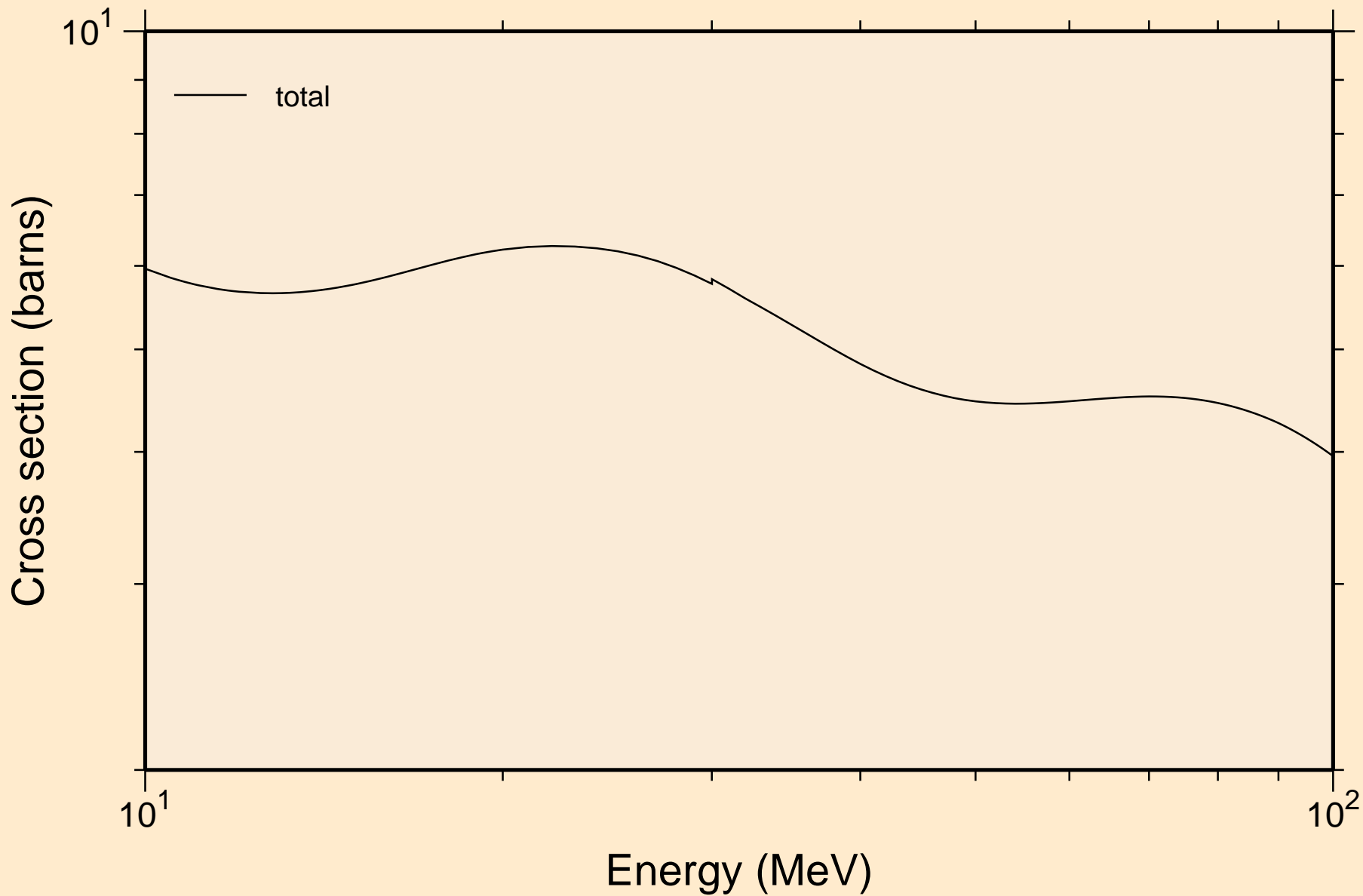
MD247 NRG TENDL-2015, AKONING  
resonance total cross section



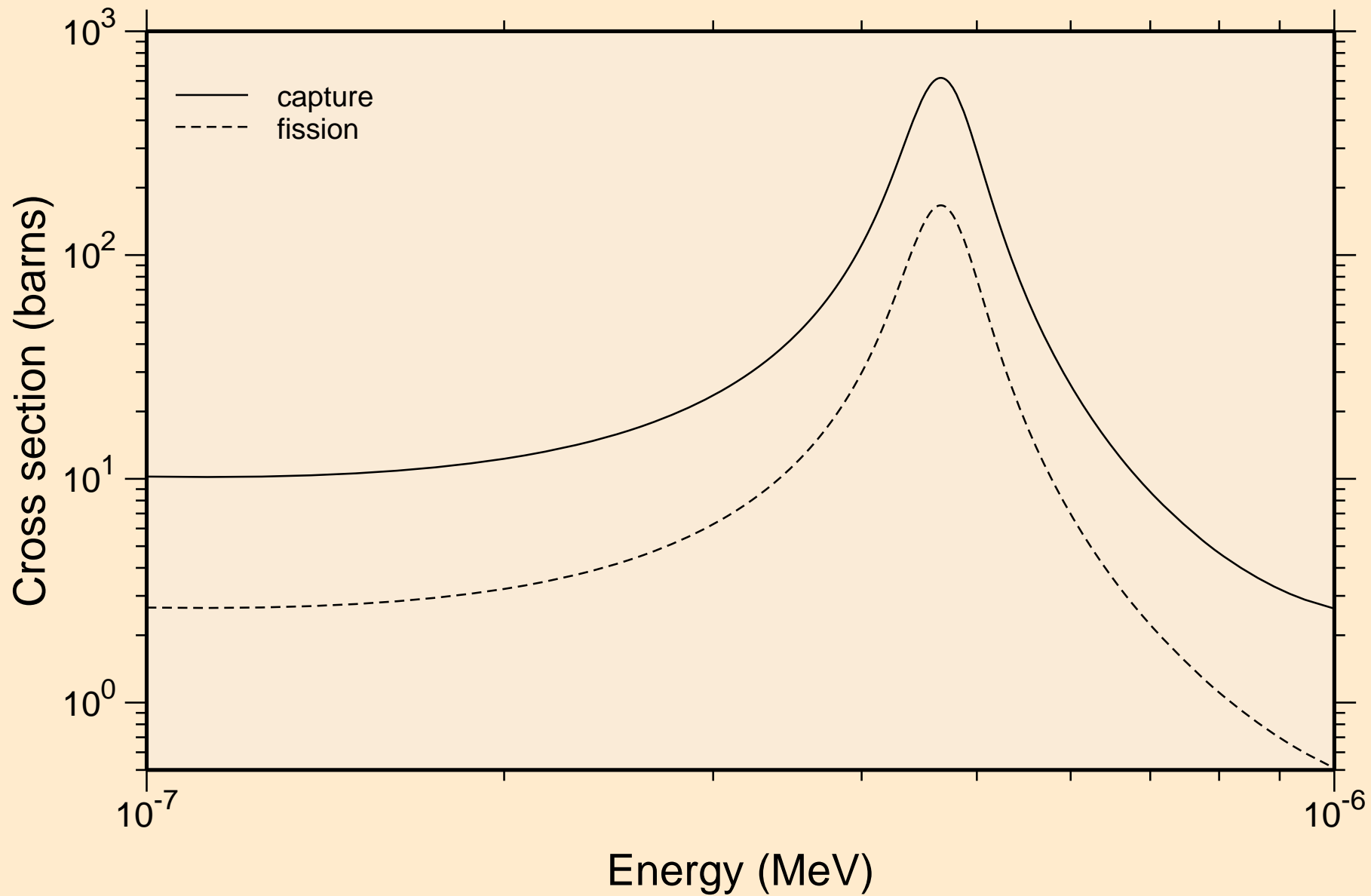
MD247 NRG TENDL-2015, AKONING  
resonance total cross section



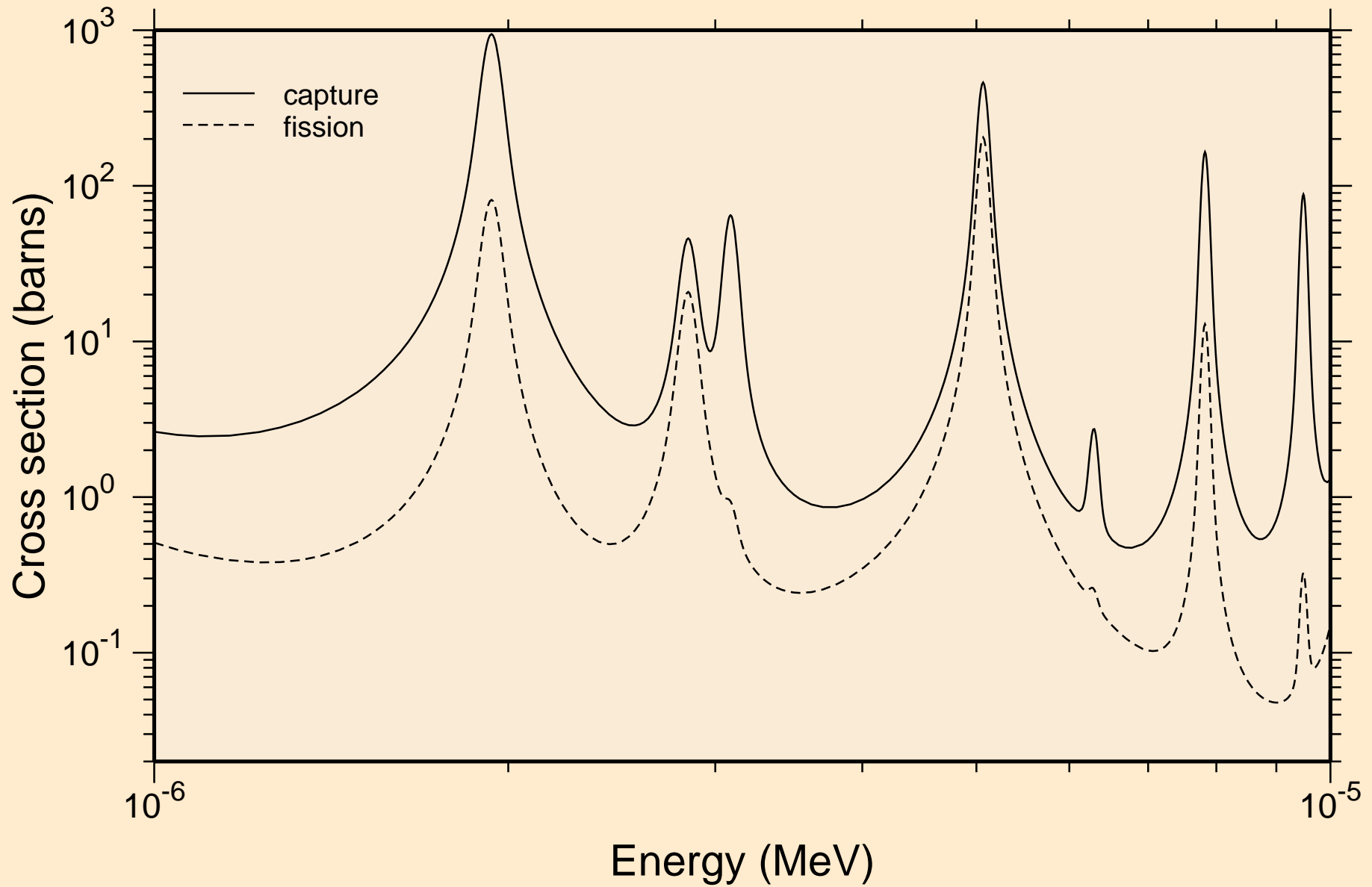
MD247 NRG TENDL-2015, AKONING  
resonance total cross section



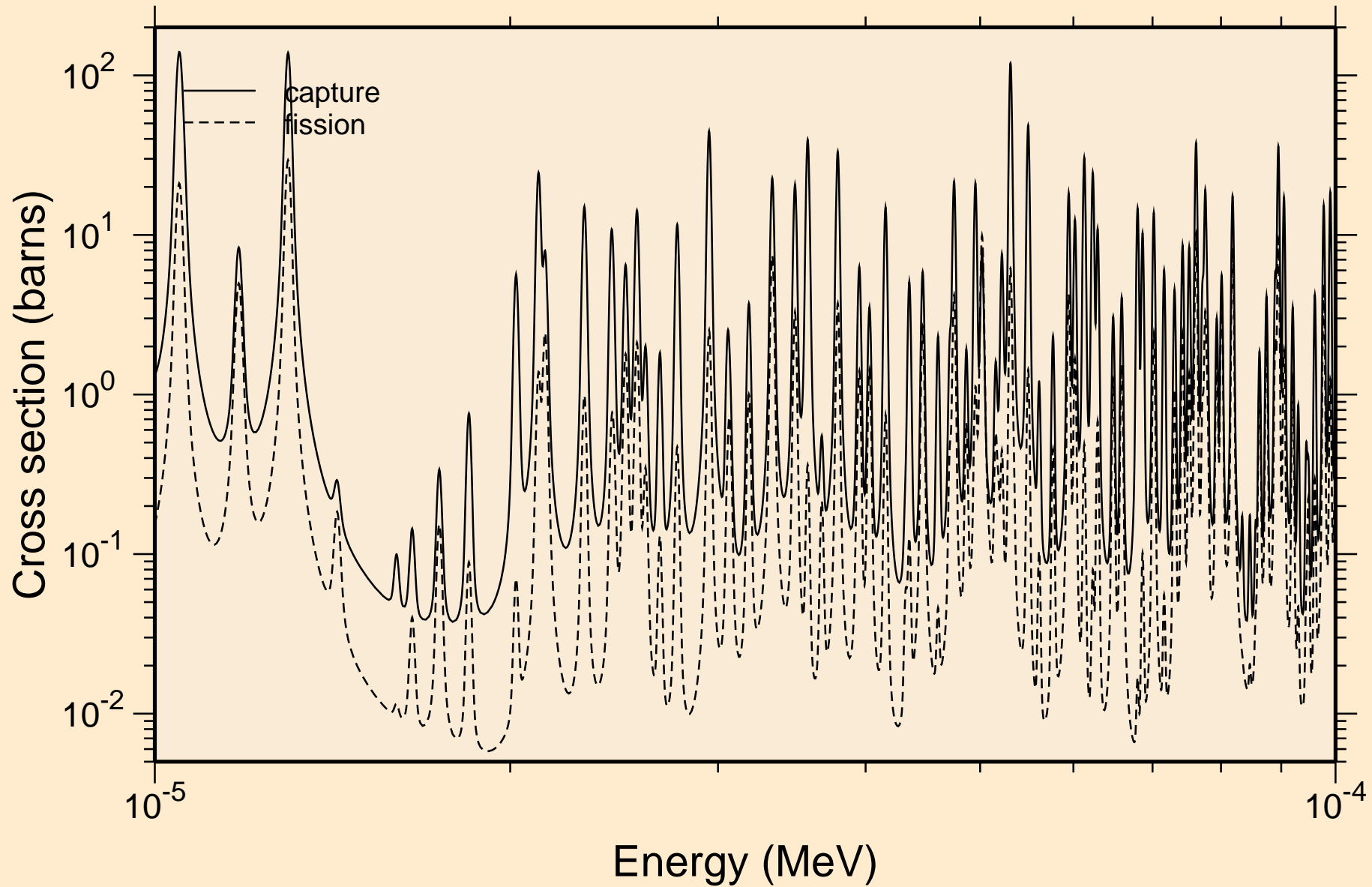
MD247 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# MD247 NRG TENDL-2015, AKONING resonance absorption cross sections

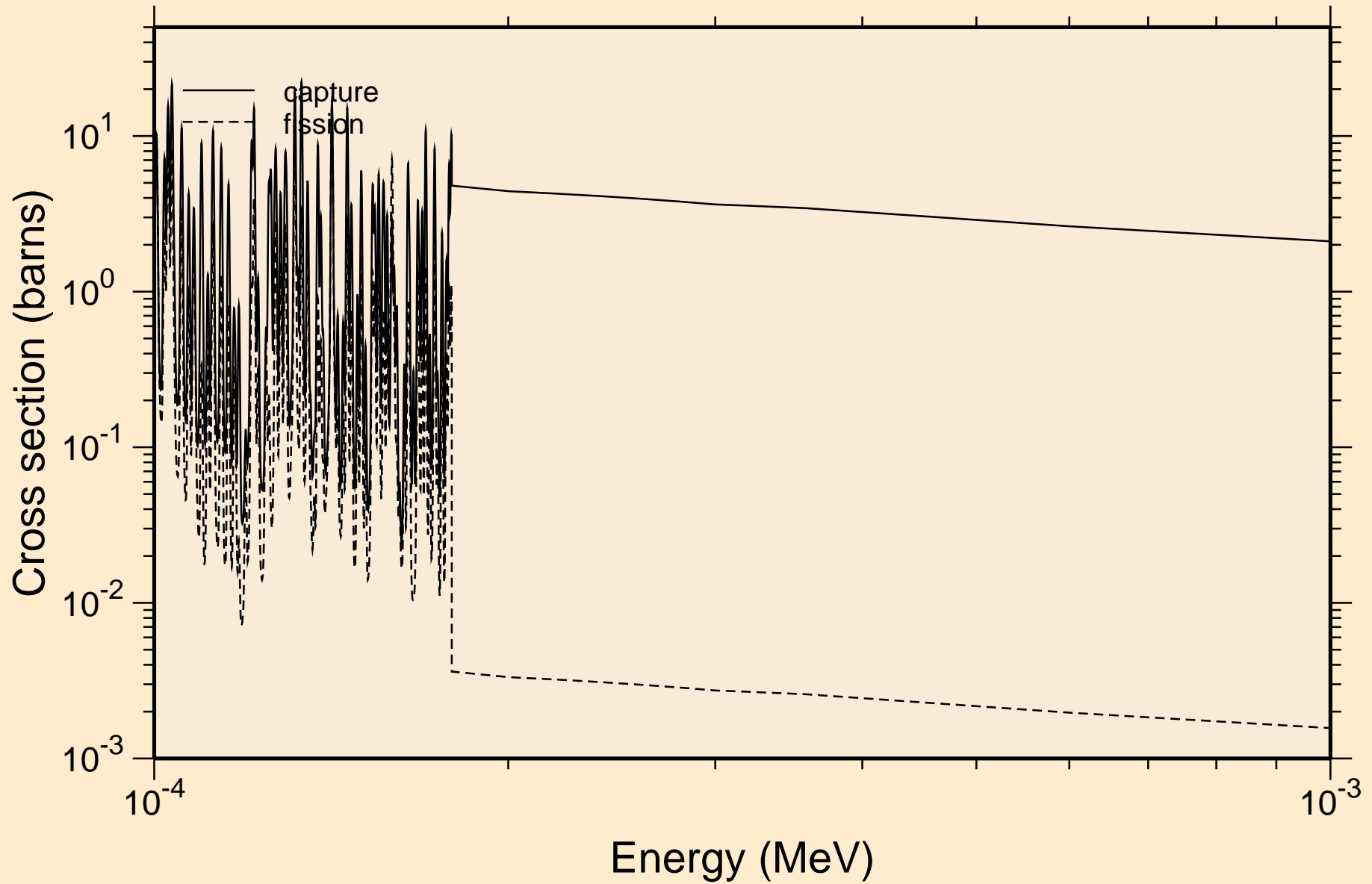


# MD247 NRG TENDL-2015, AKONING resonance absorption cross sections

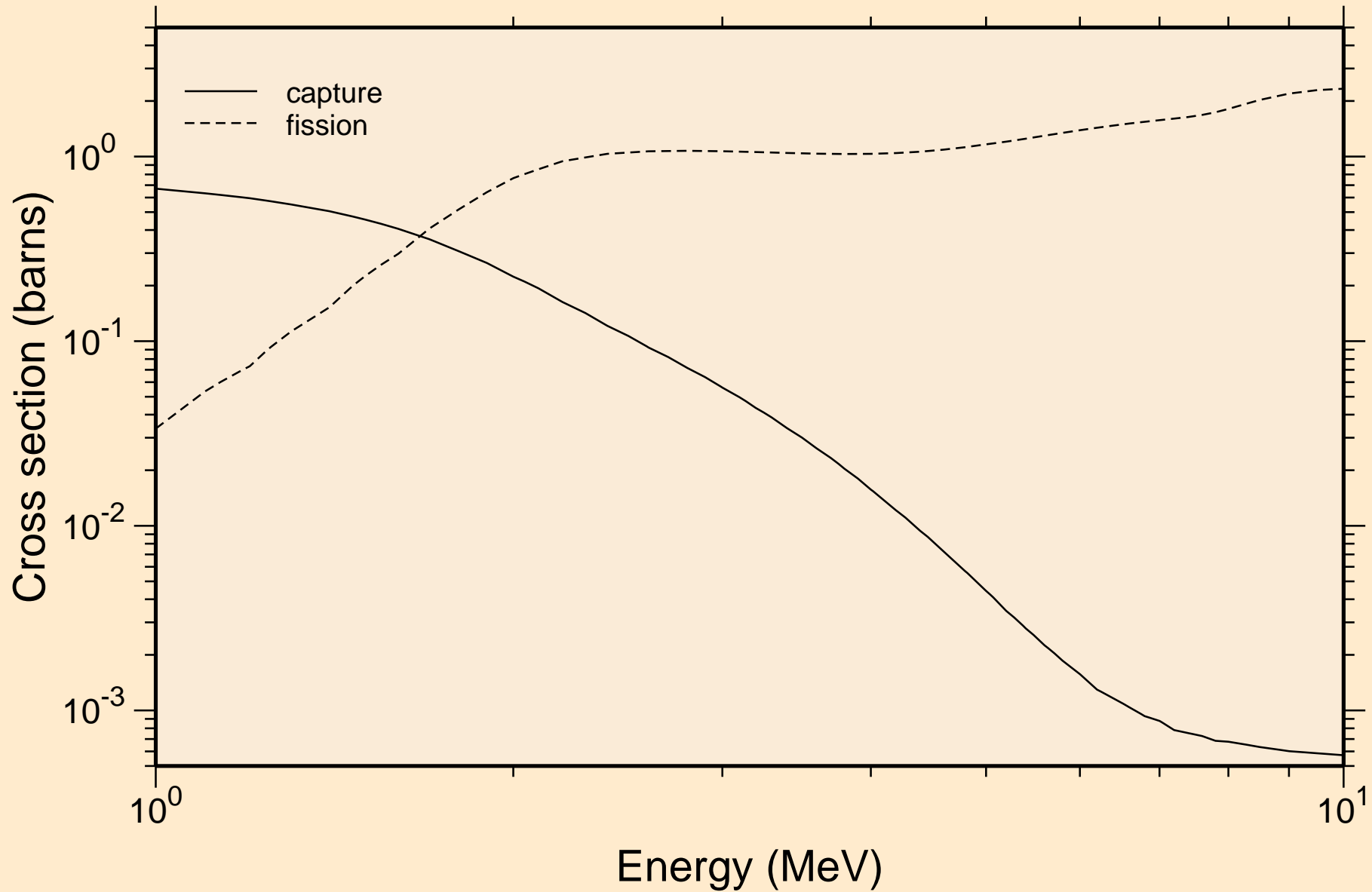




MD247 NRG TENDL-2015, AKONING  
resonance absorption cross sections

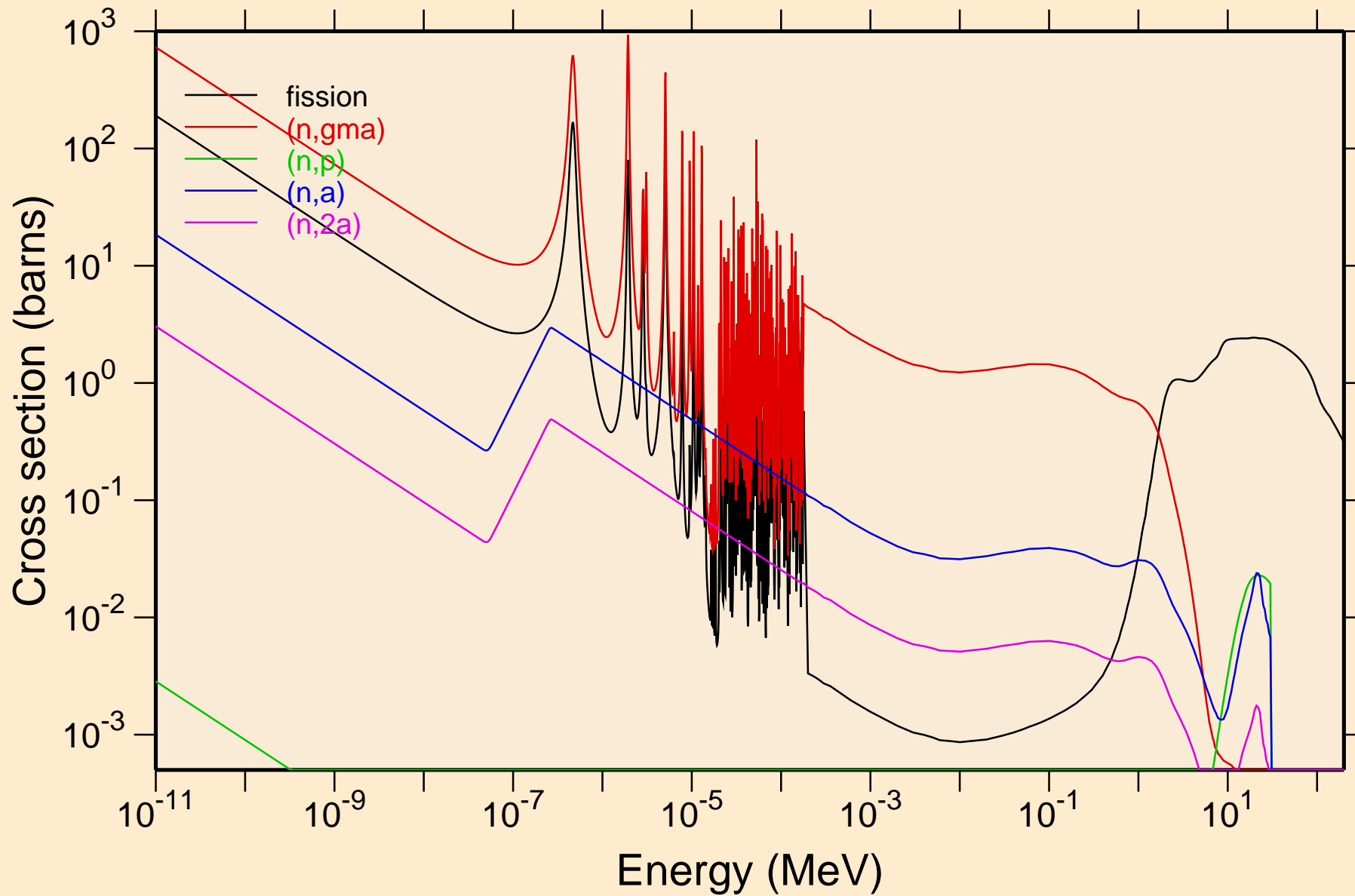


MD247 NRG TENDL-2015, AKONING  
resonance absorption cross sections



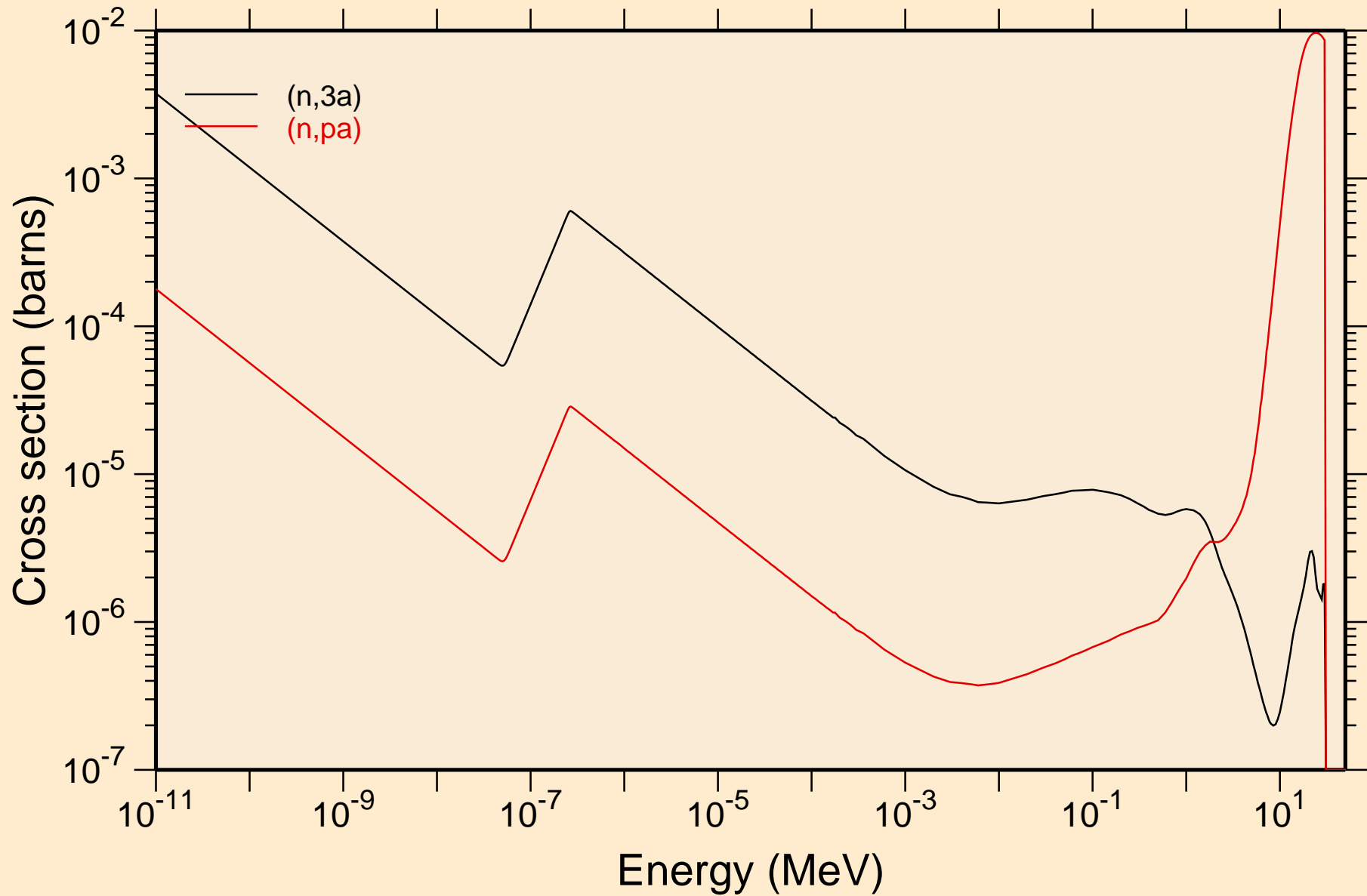
# MD247 NRG TENDL-2015, AKONING

## Non-threshold reactions



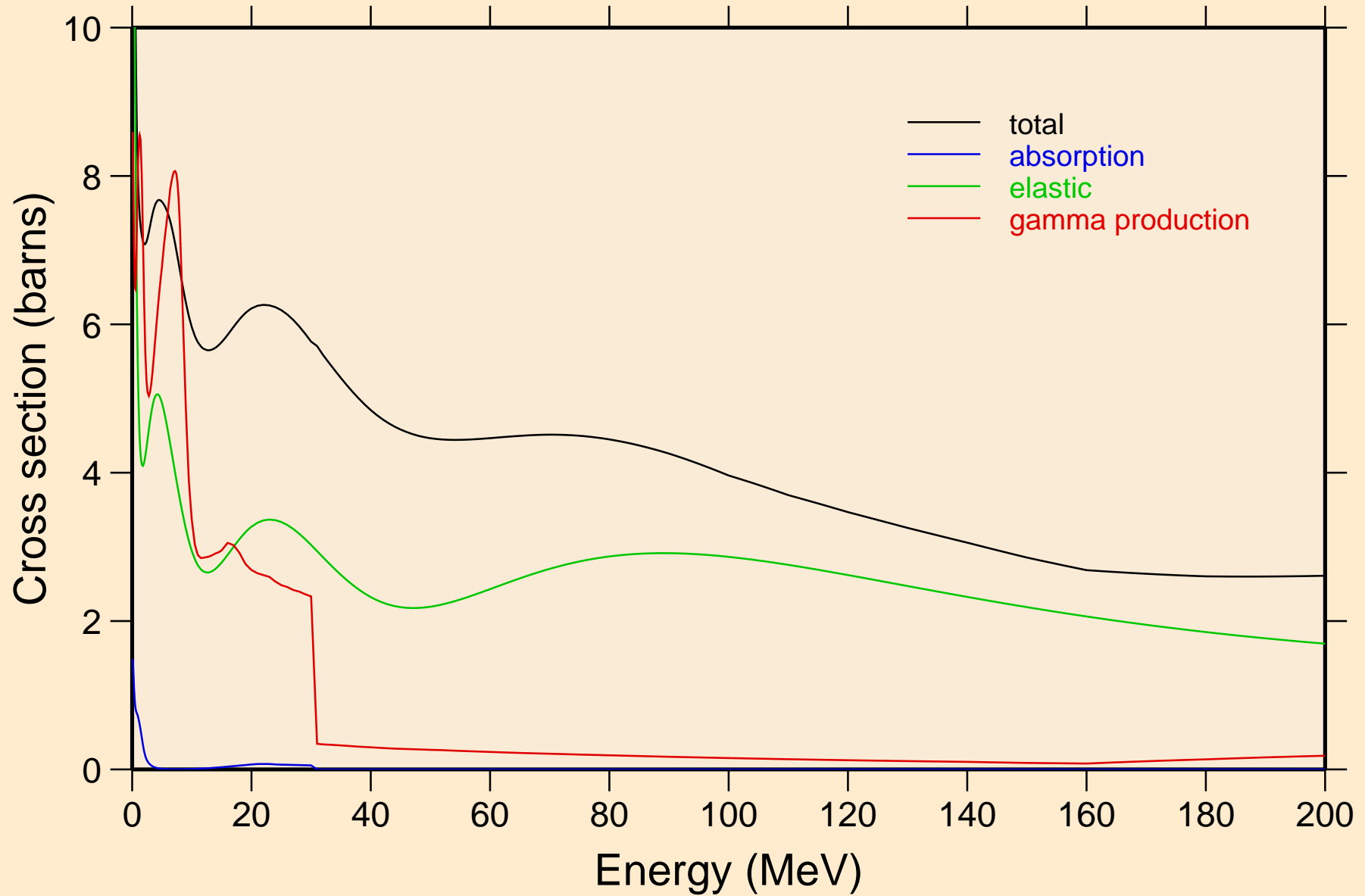
# MD247 NRG TENDL-2015, AKONING

## Non-threshold reactions



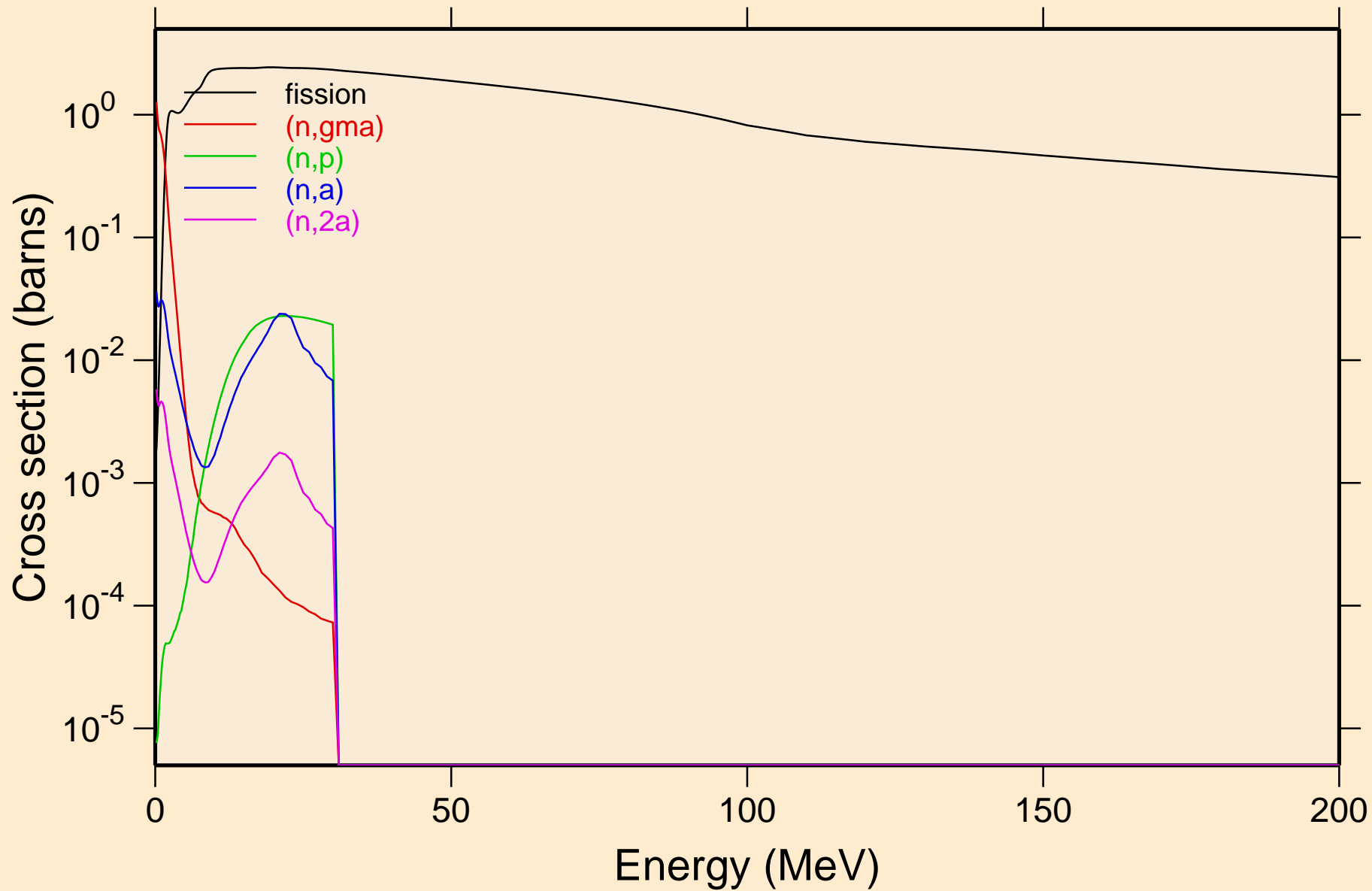
# MD247 NRG TENDL-2015, AKONING

## Principal cross sections

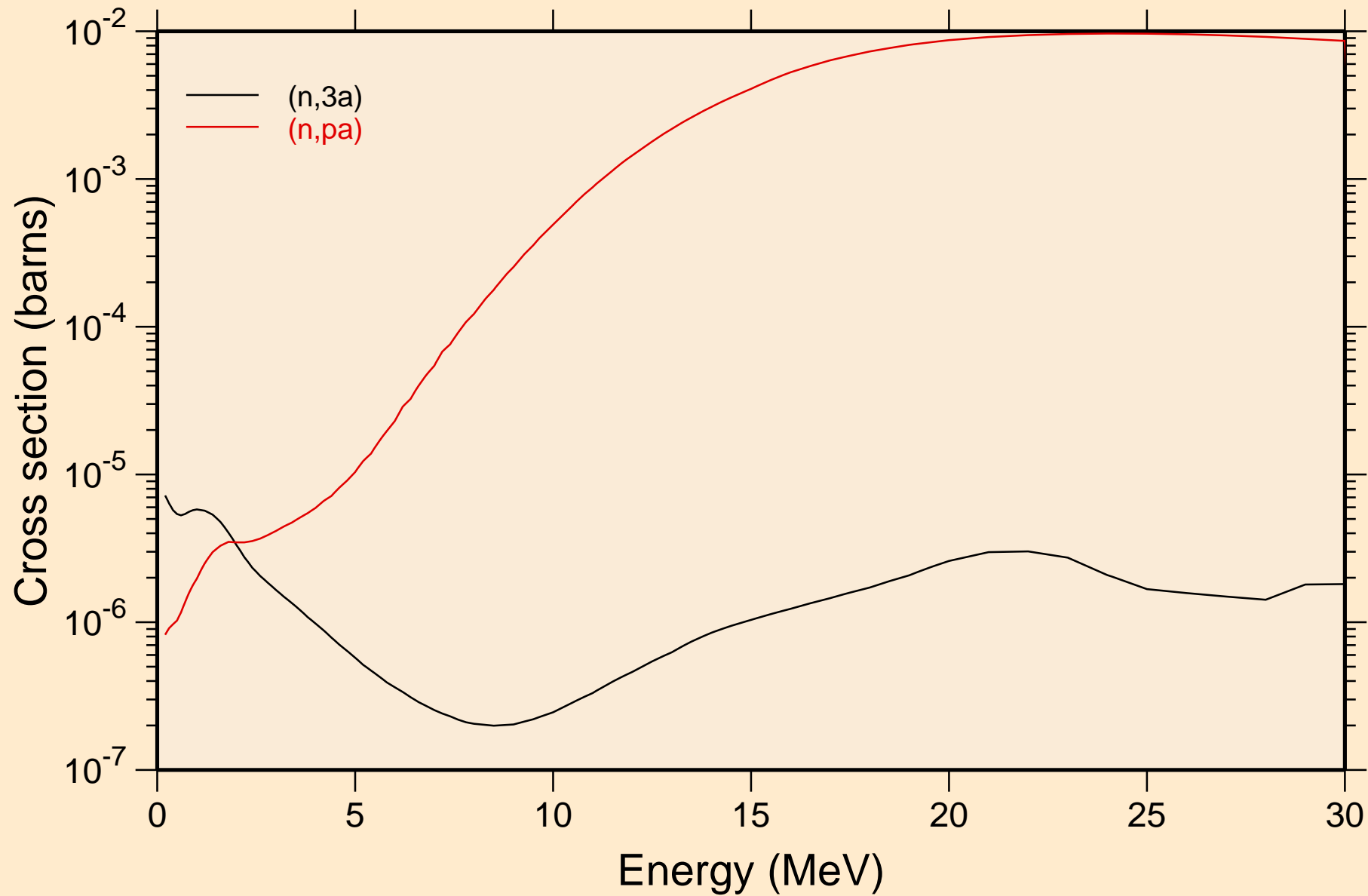


# MD247 NRG TENDL-2015, AKONING

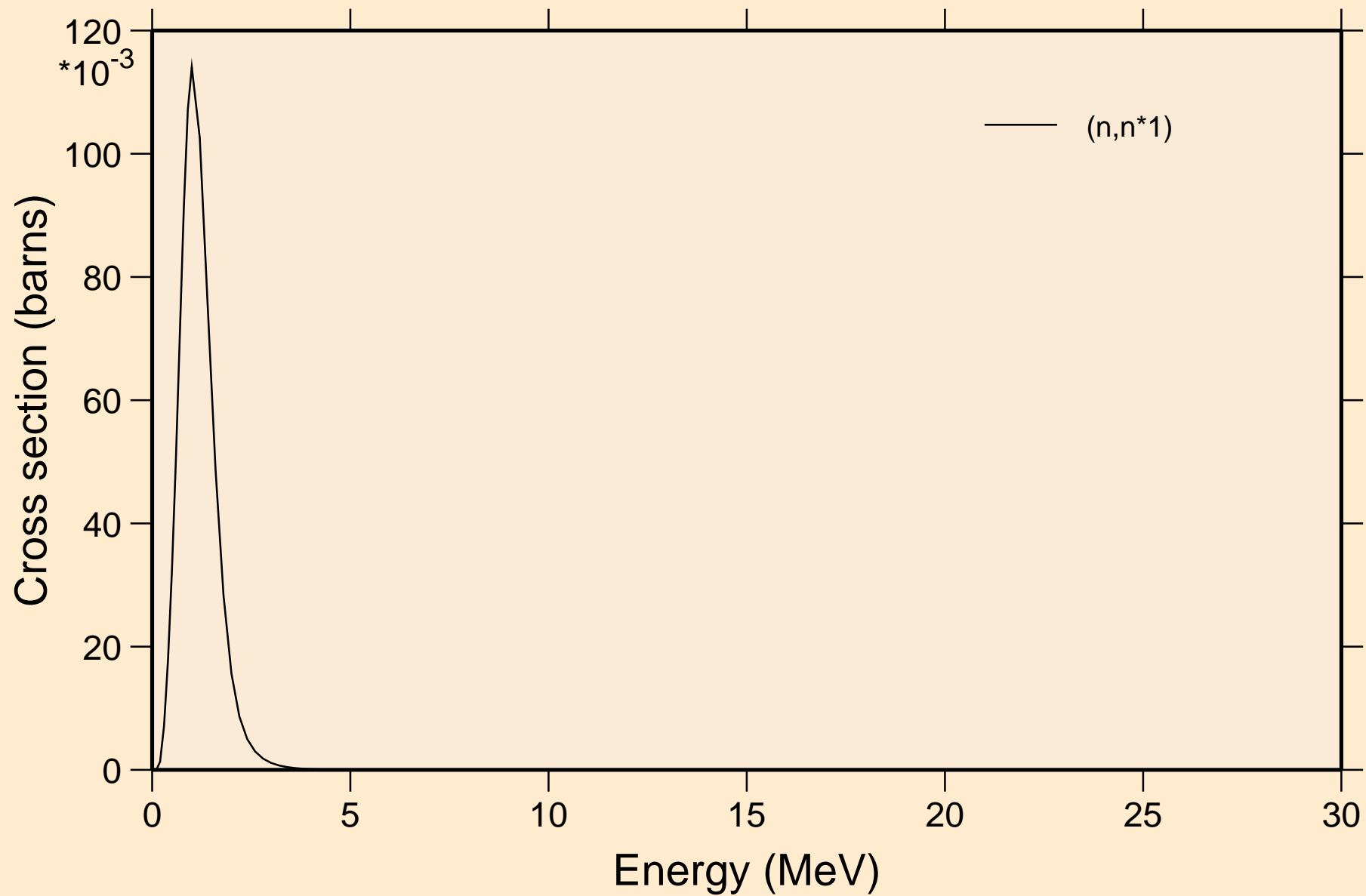
## Non-threshold reactions



MD247 NRG TENDL-2015, AKONING  
Non-threshold reactions



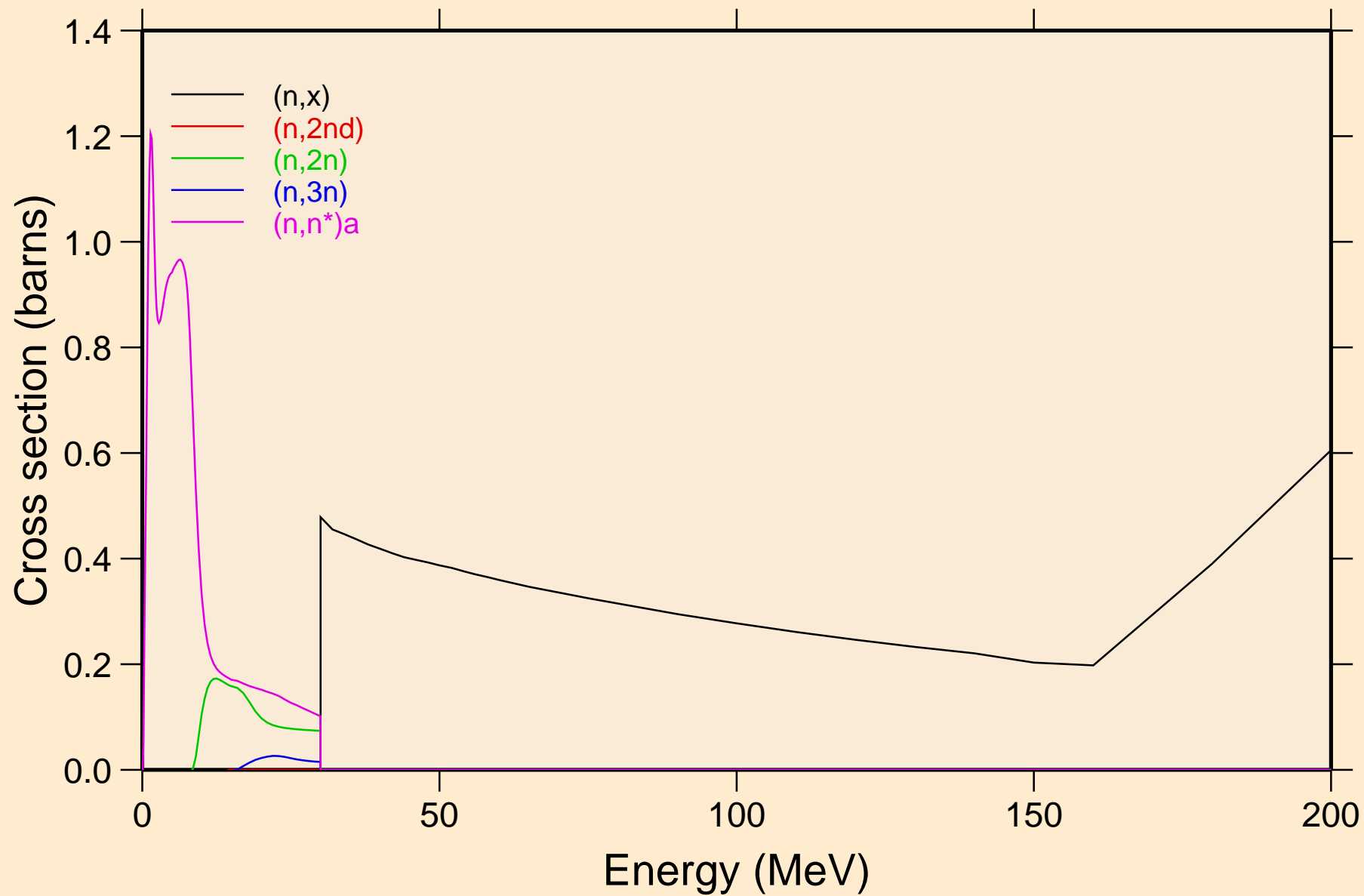
MD247 NRG TENDL-2015, AKONING  
Inelastic levels





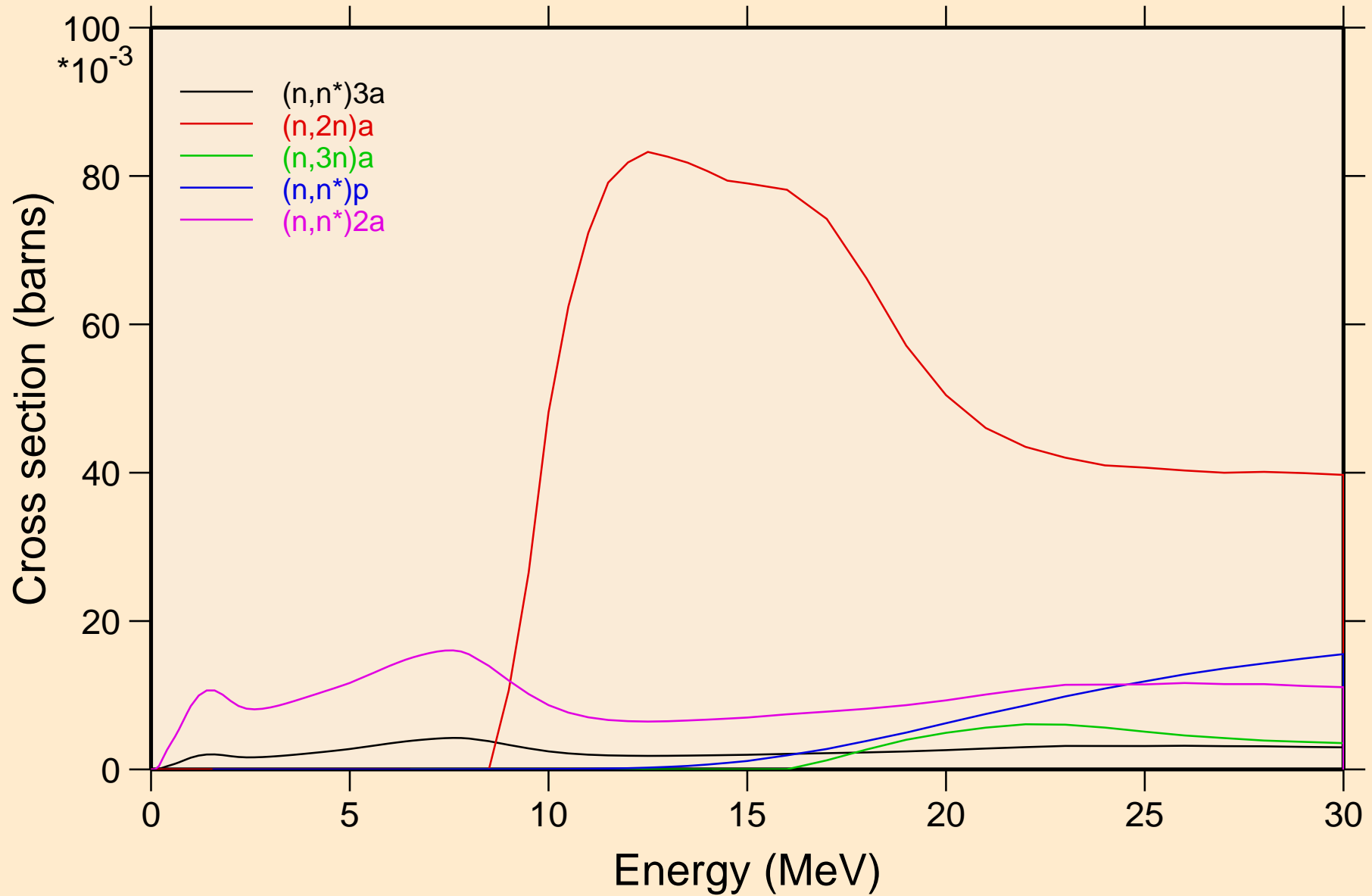
# MD247 NRG TENDL-2015, AKONING

## Threshold reactions



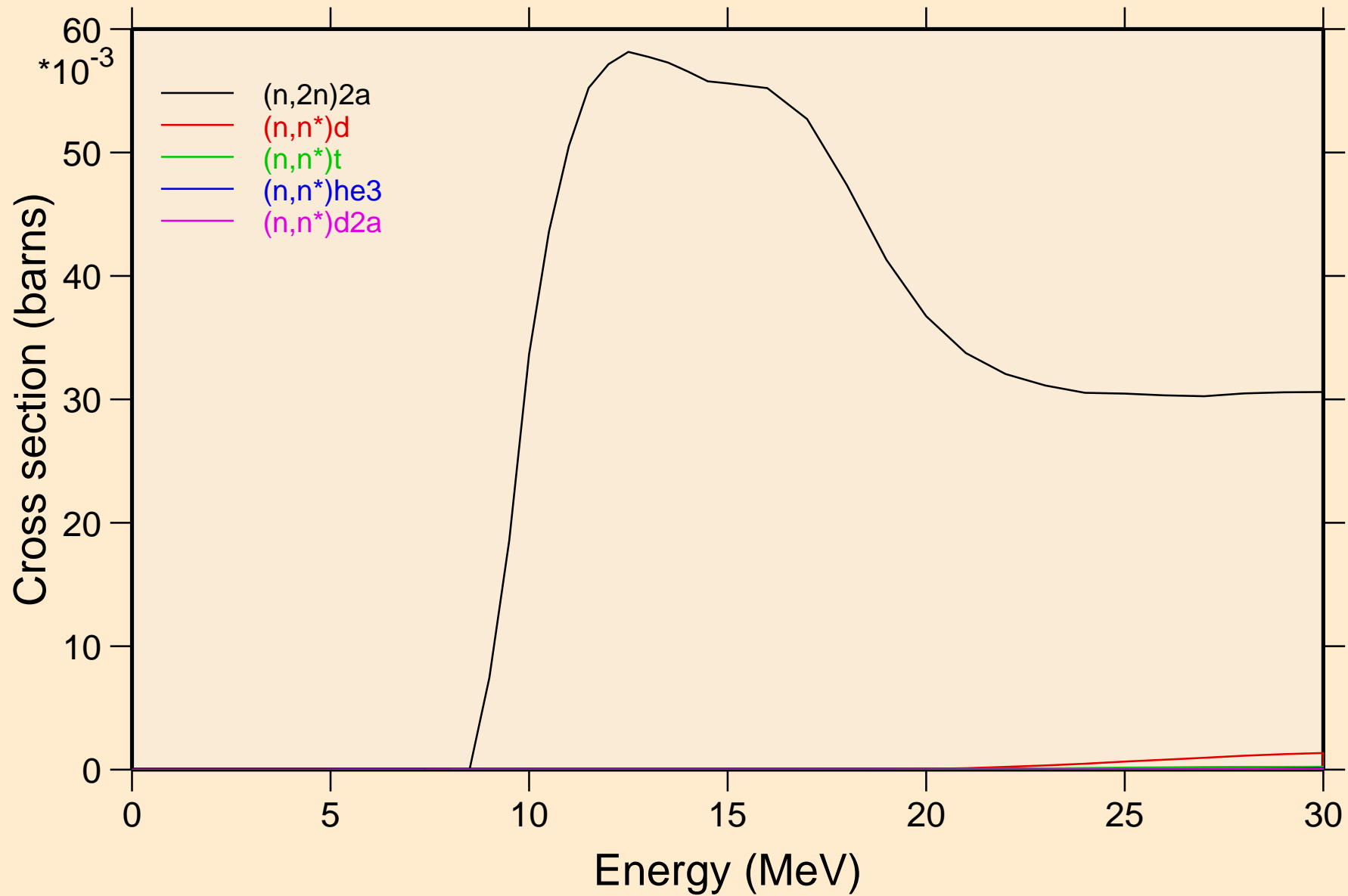
# MD247 NRG TENDL-2015, AKONING

## Threshold reactions



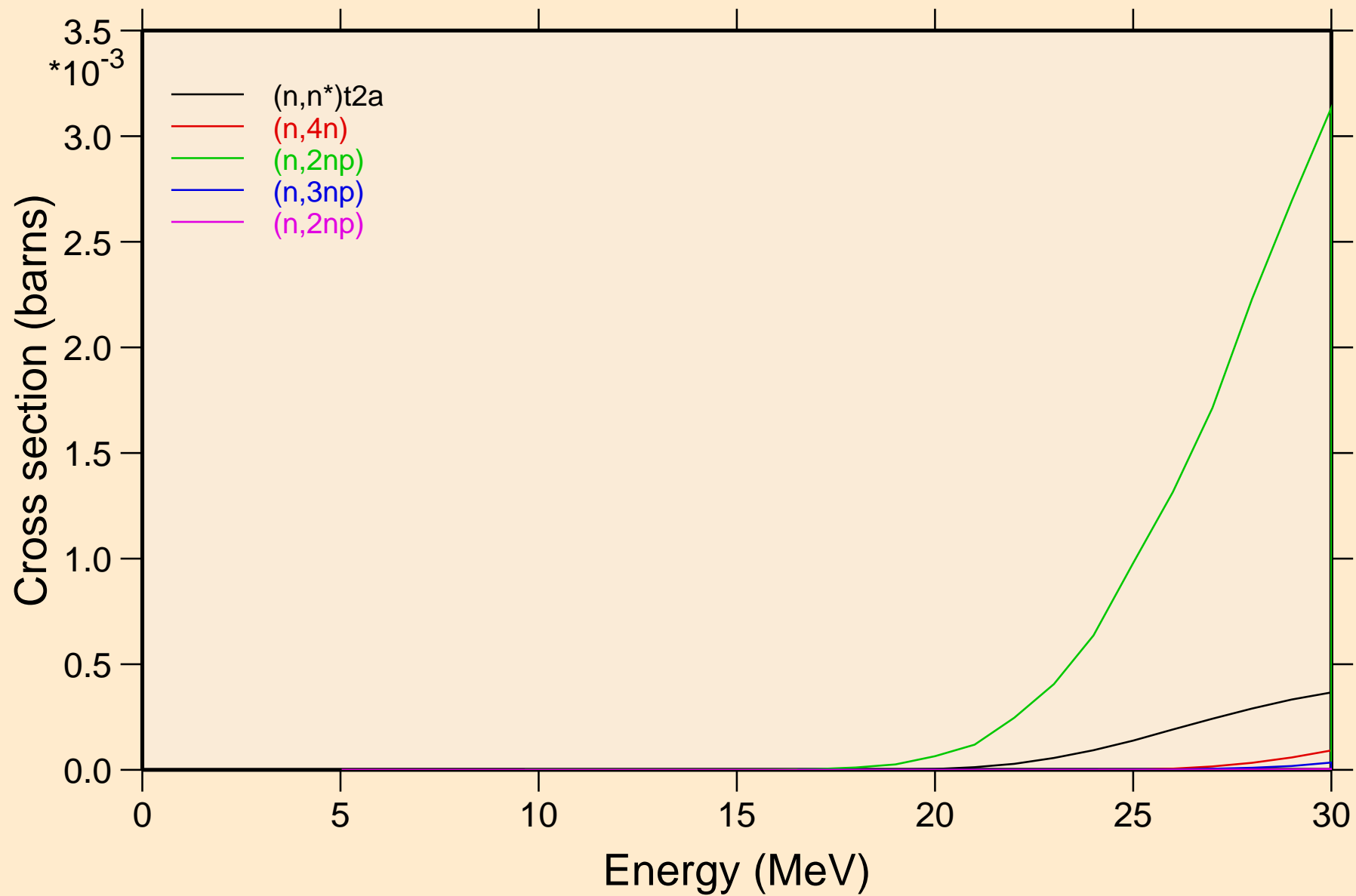
# MD247 NRG TENDL-2015, AKONING

## Threshold reactions



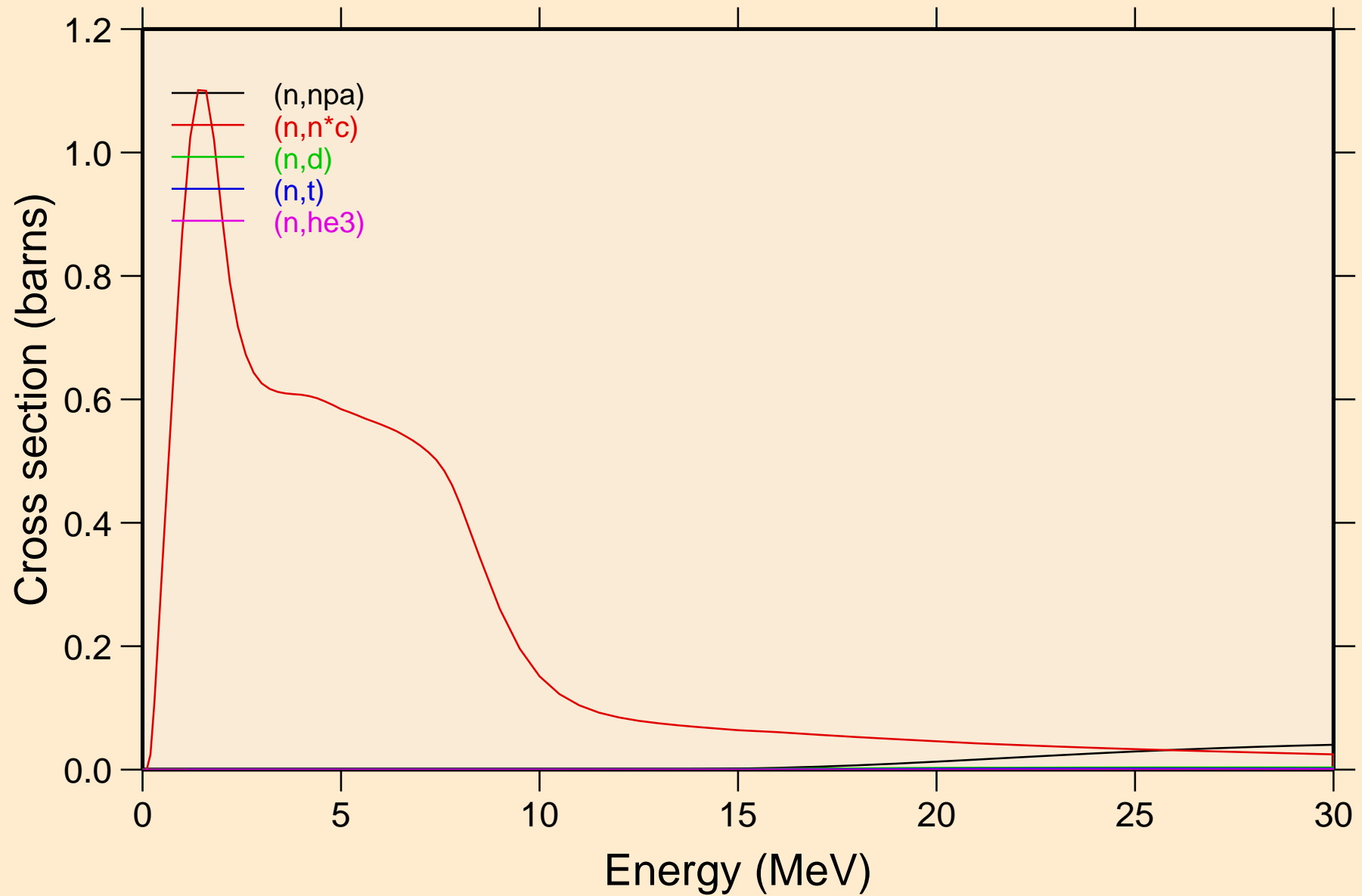
# MD247 NRG TENDL-2015, AKONING

## Threshold reactions



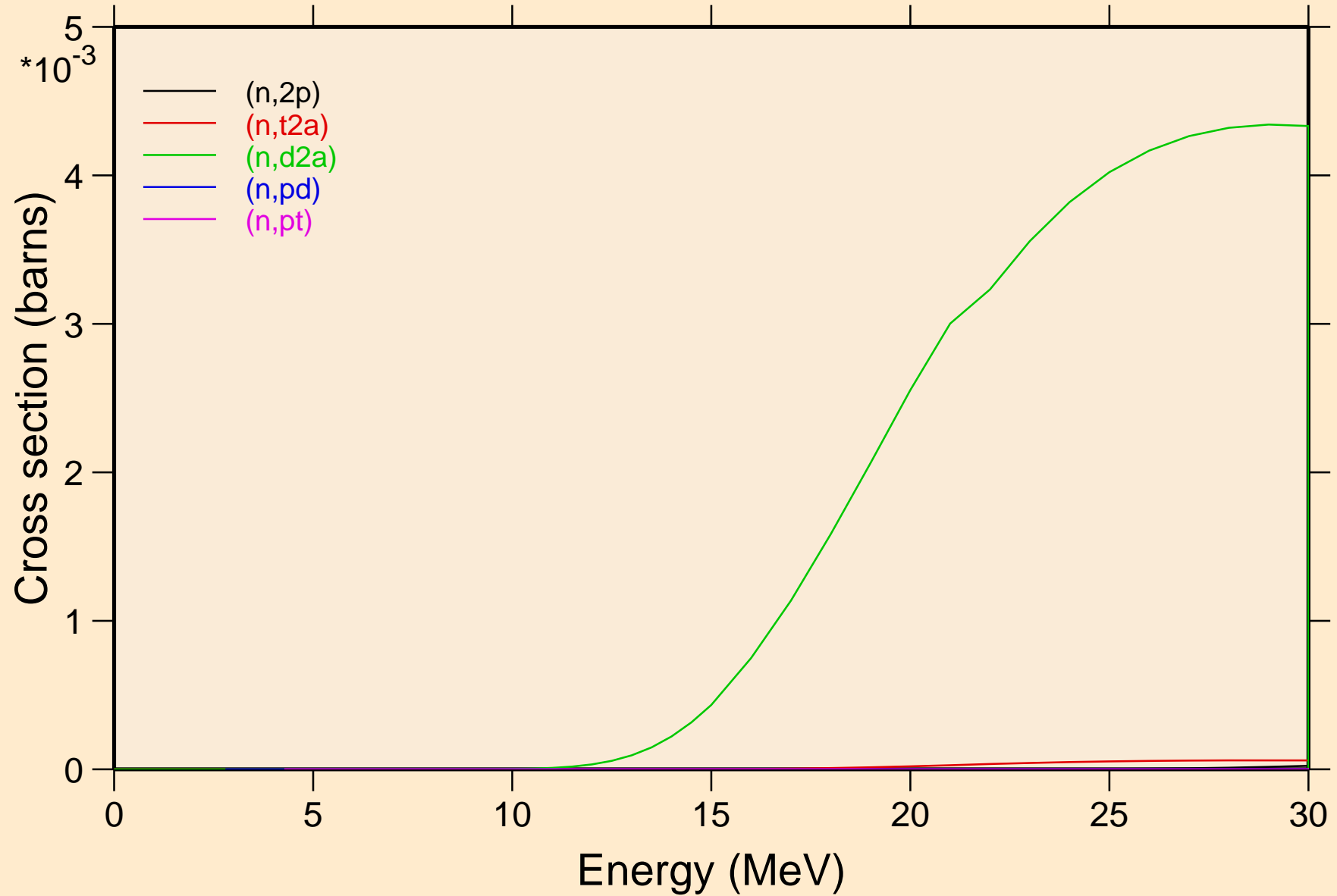
# MD247 NRG TENDL-2015, AKONING

## Threshold reactions



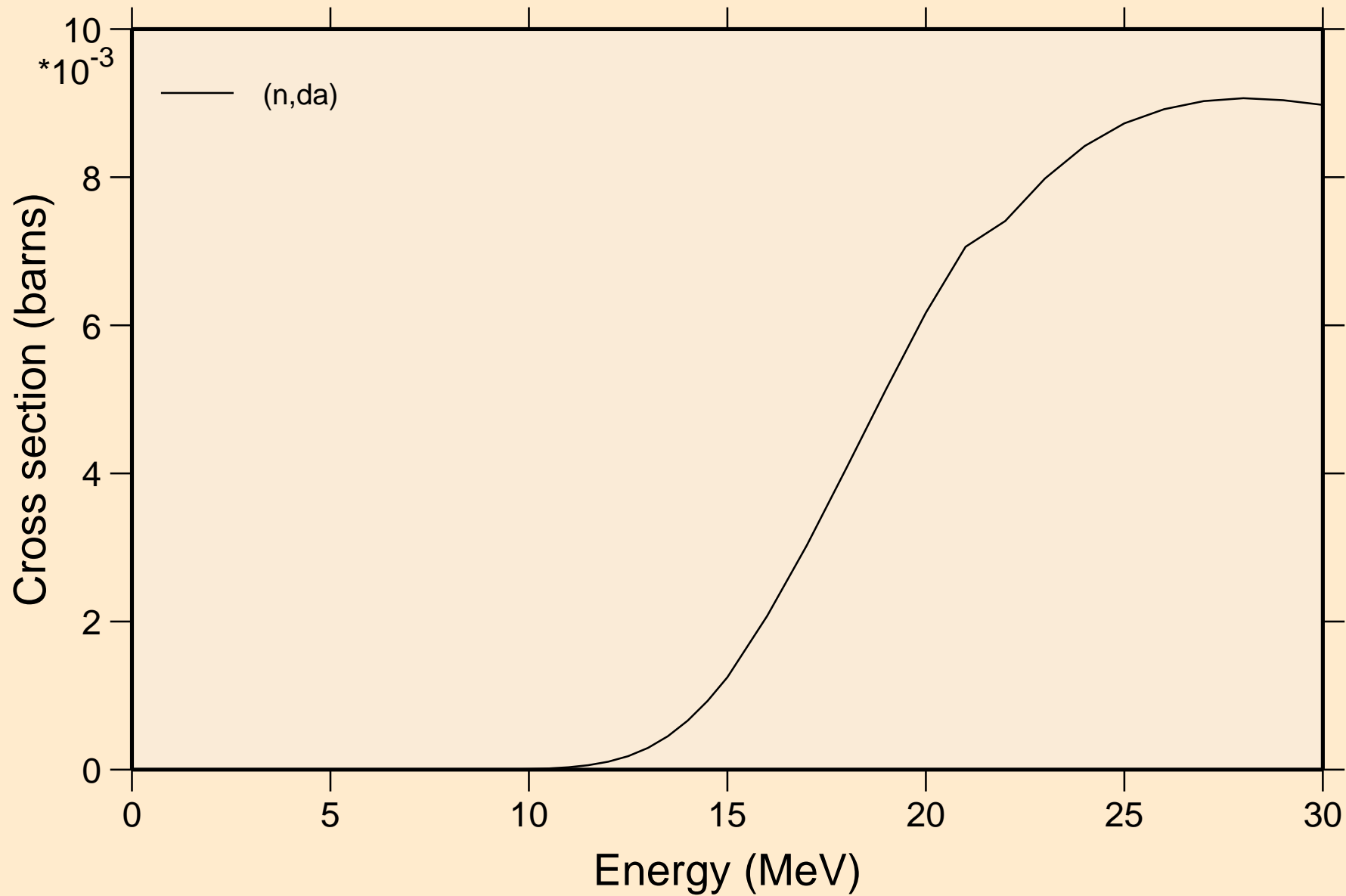
# MD247 NRG TENDL-2015, AKONING

## Threshold reactions

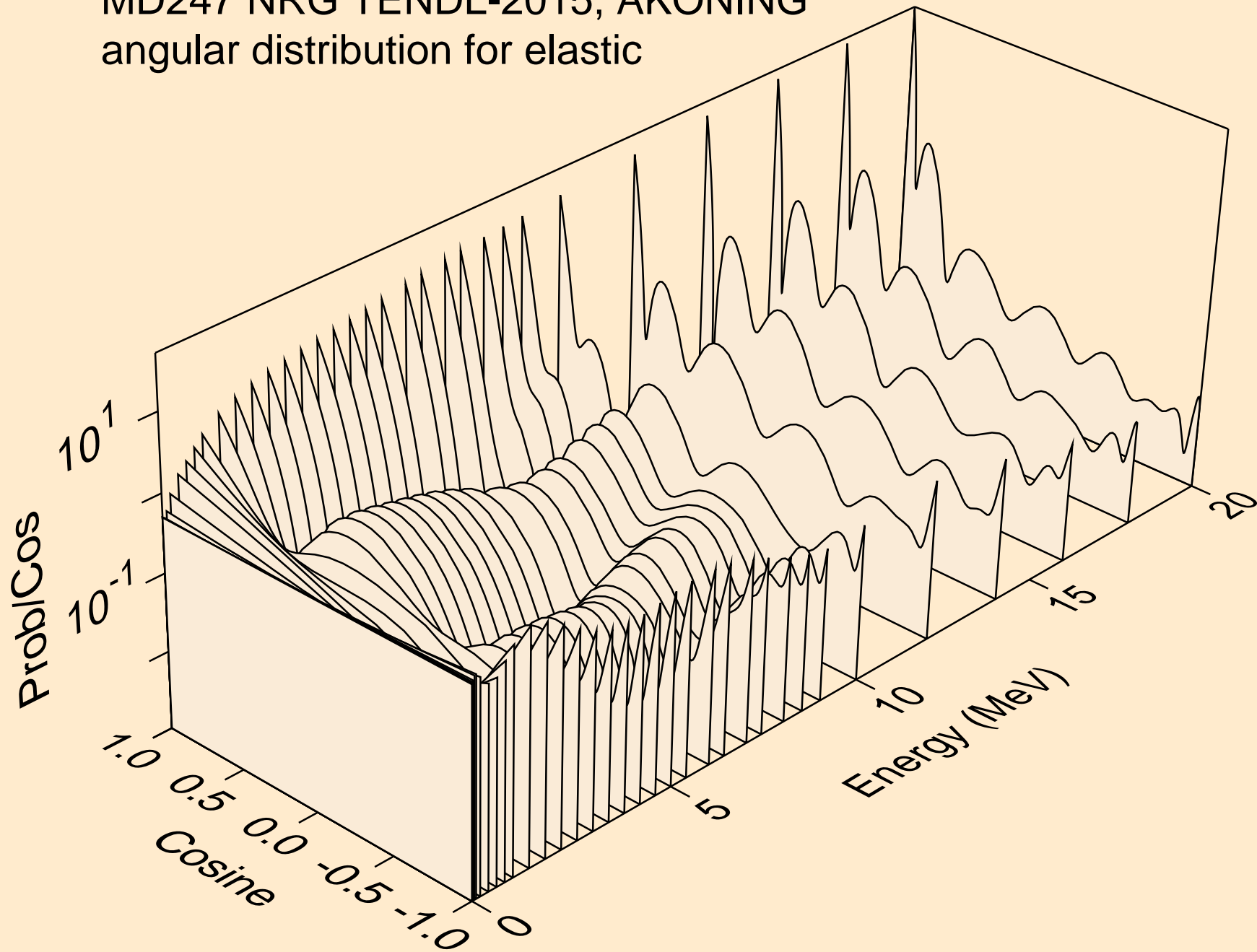


# MD247 NRG TENDL-2015, AKONING

## Threshold reactions

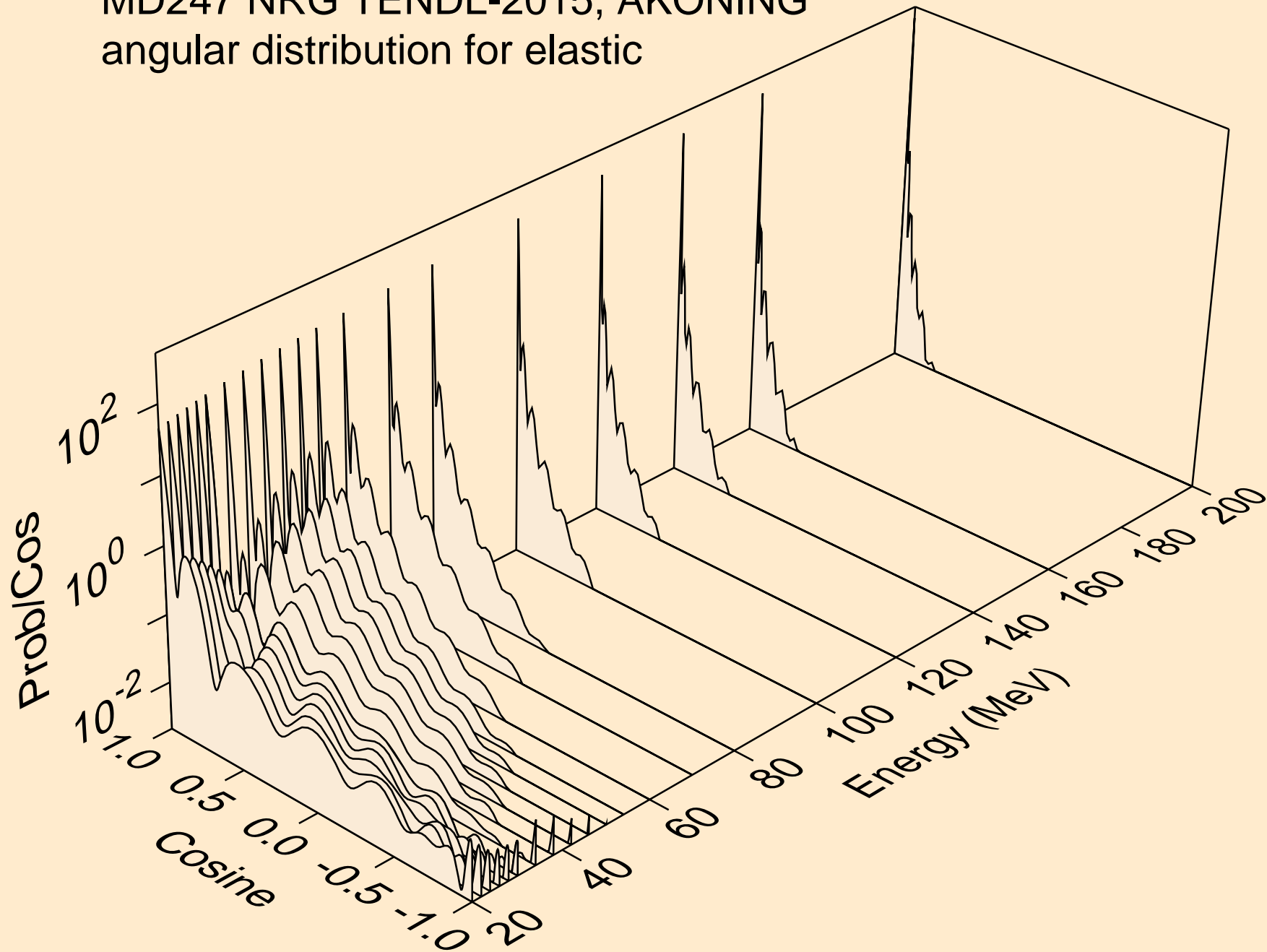


MD247 NRG TENDL-2015, AKONING  
angular distribution for elastic

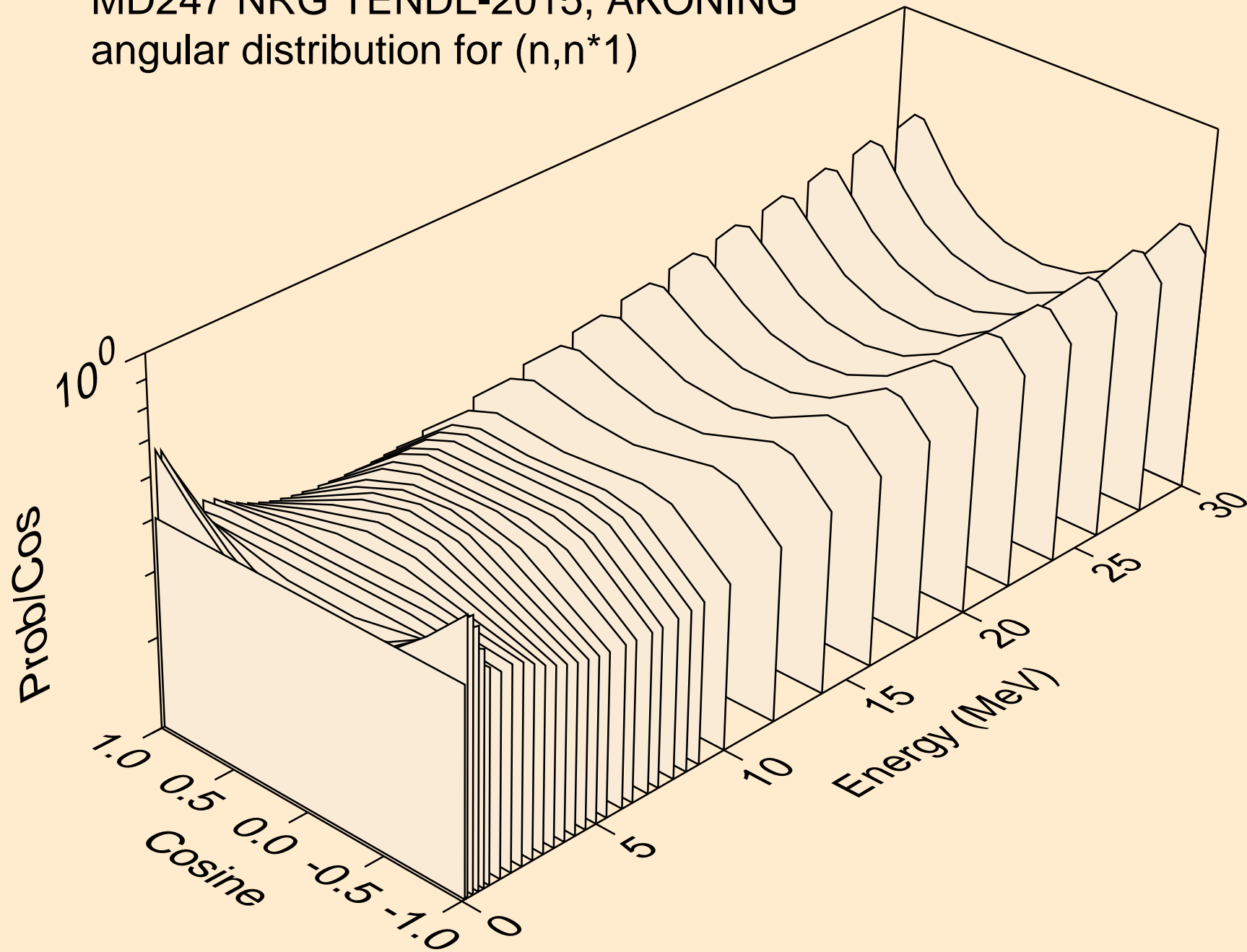




MD247 NRG TENDL-2015, AKONING  
angular distribution for elastic

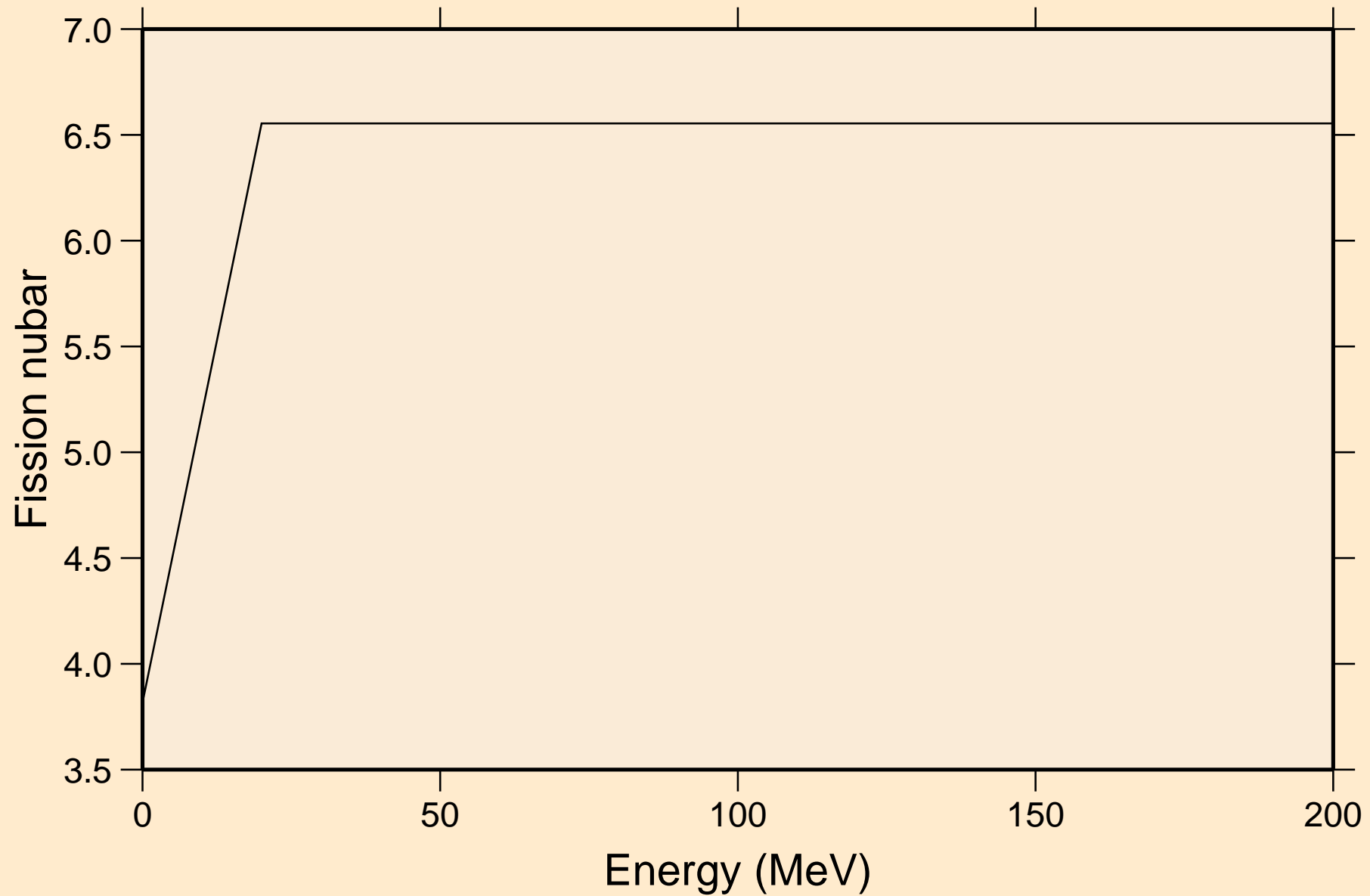


MD247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

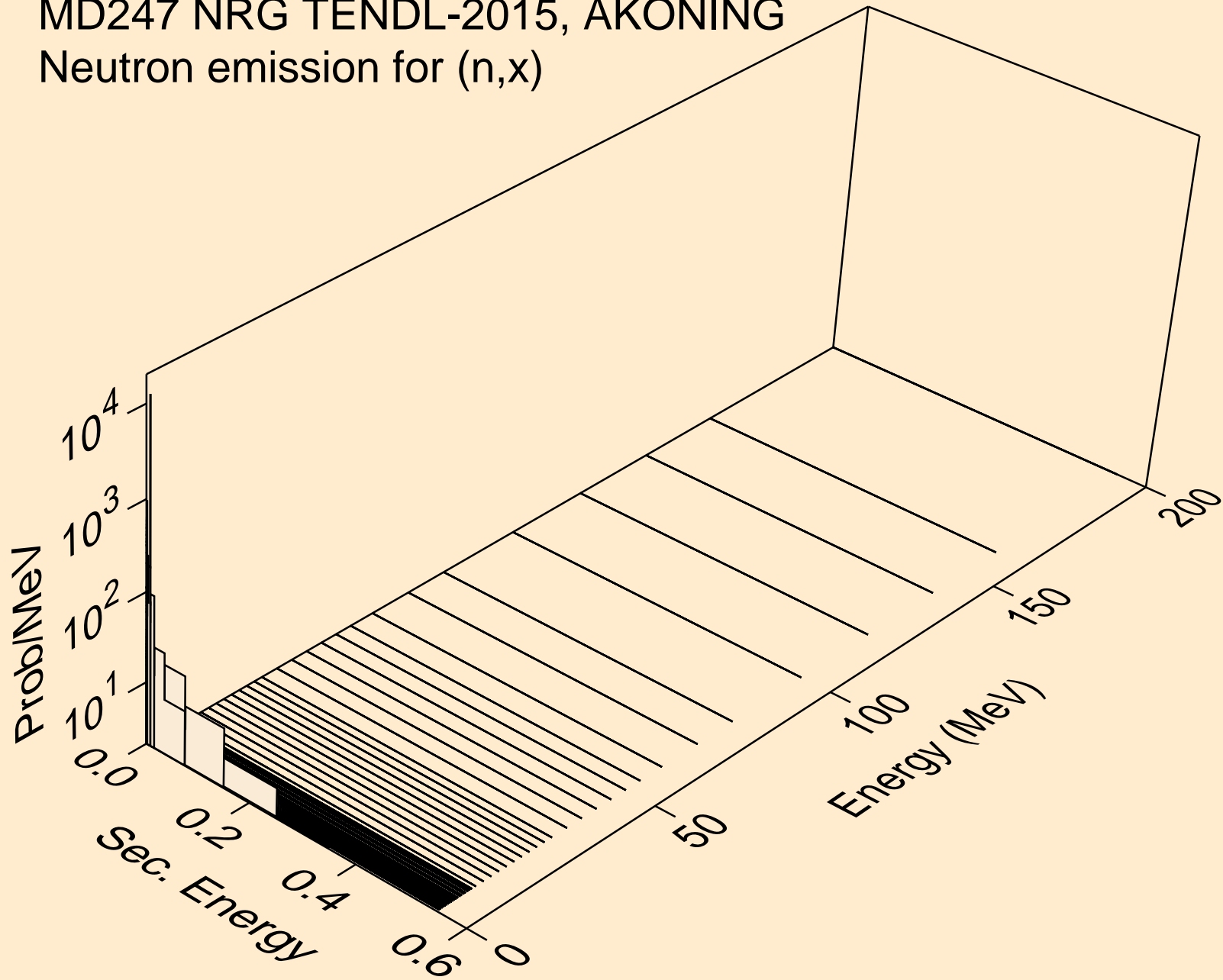


# MD247 NRG TENDL-2015, AKONING

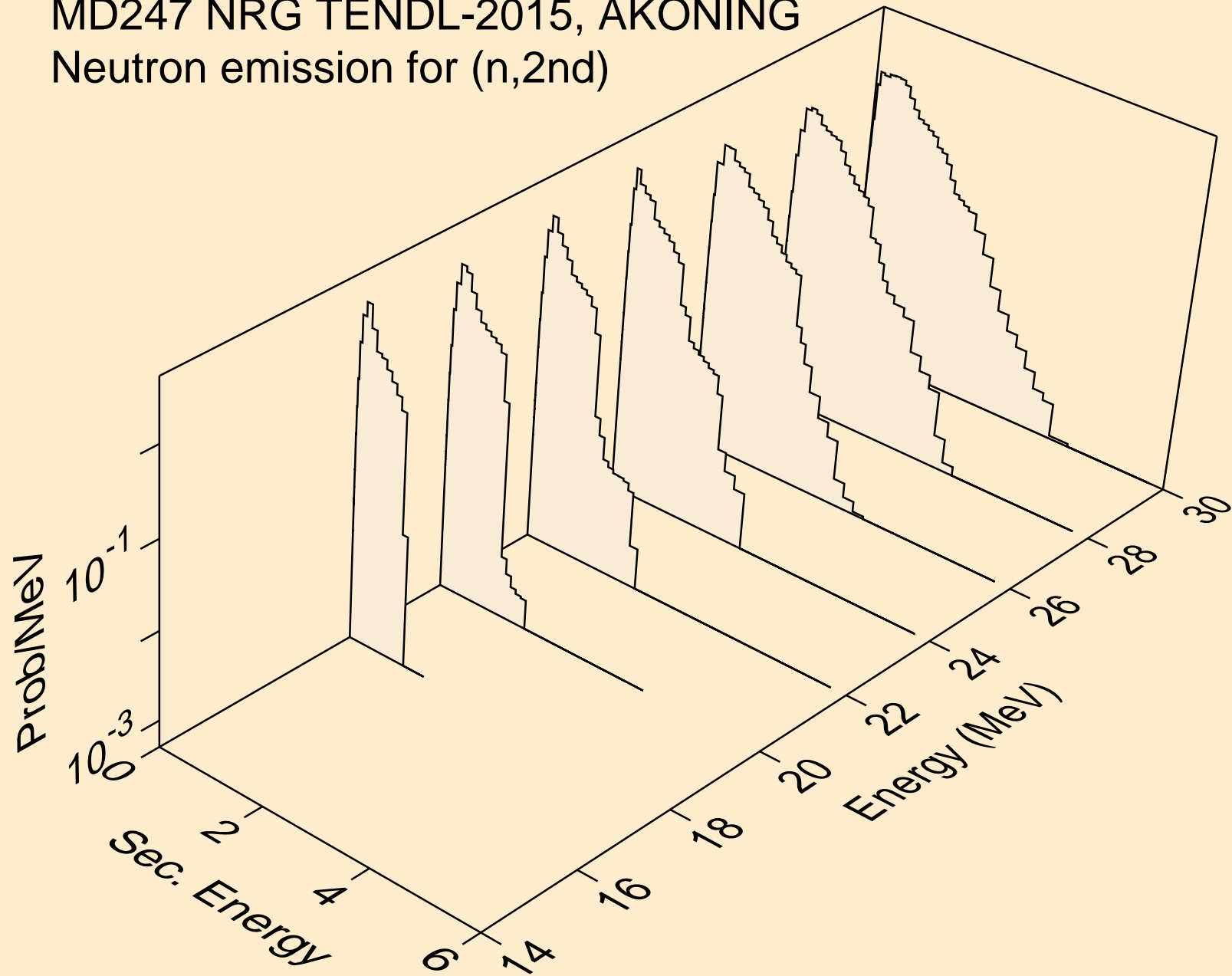
Total fission nubar



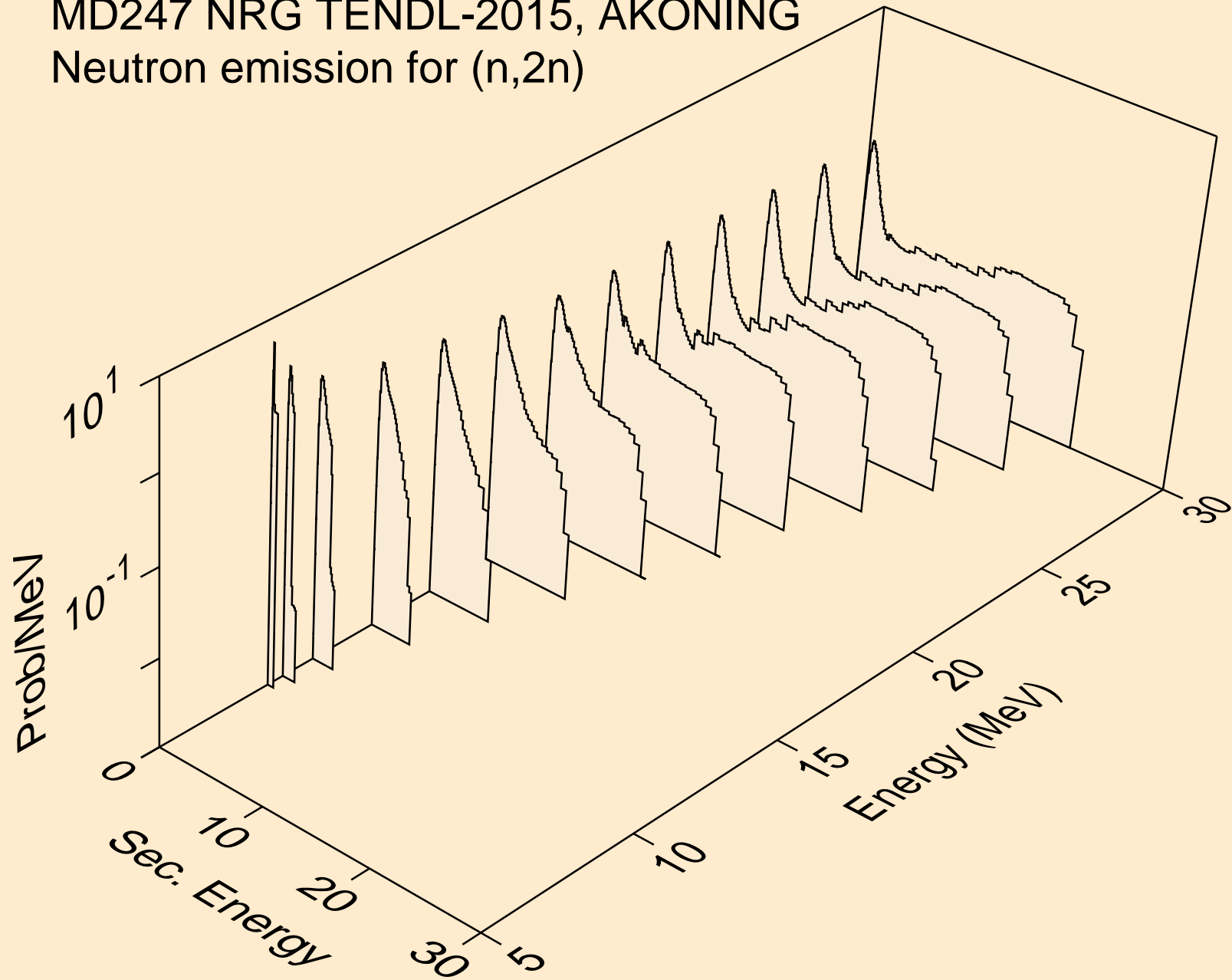
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



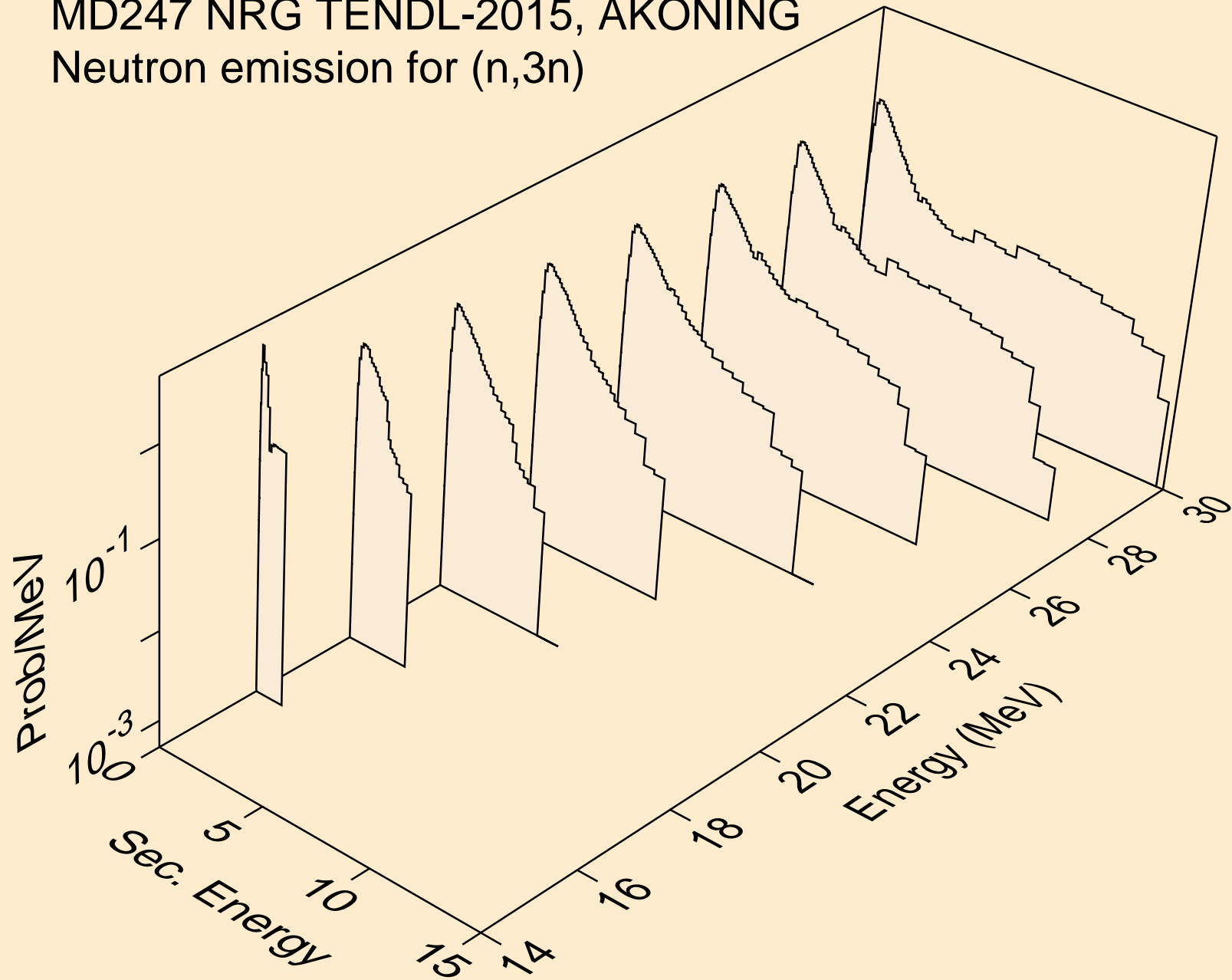
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



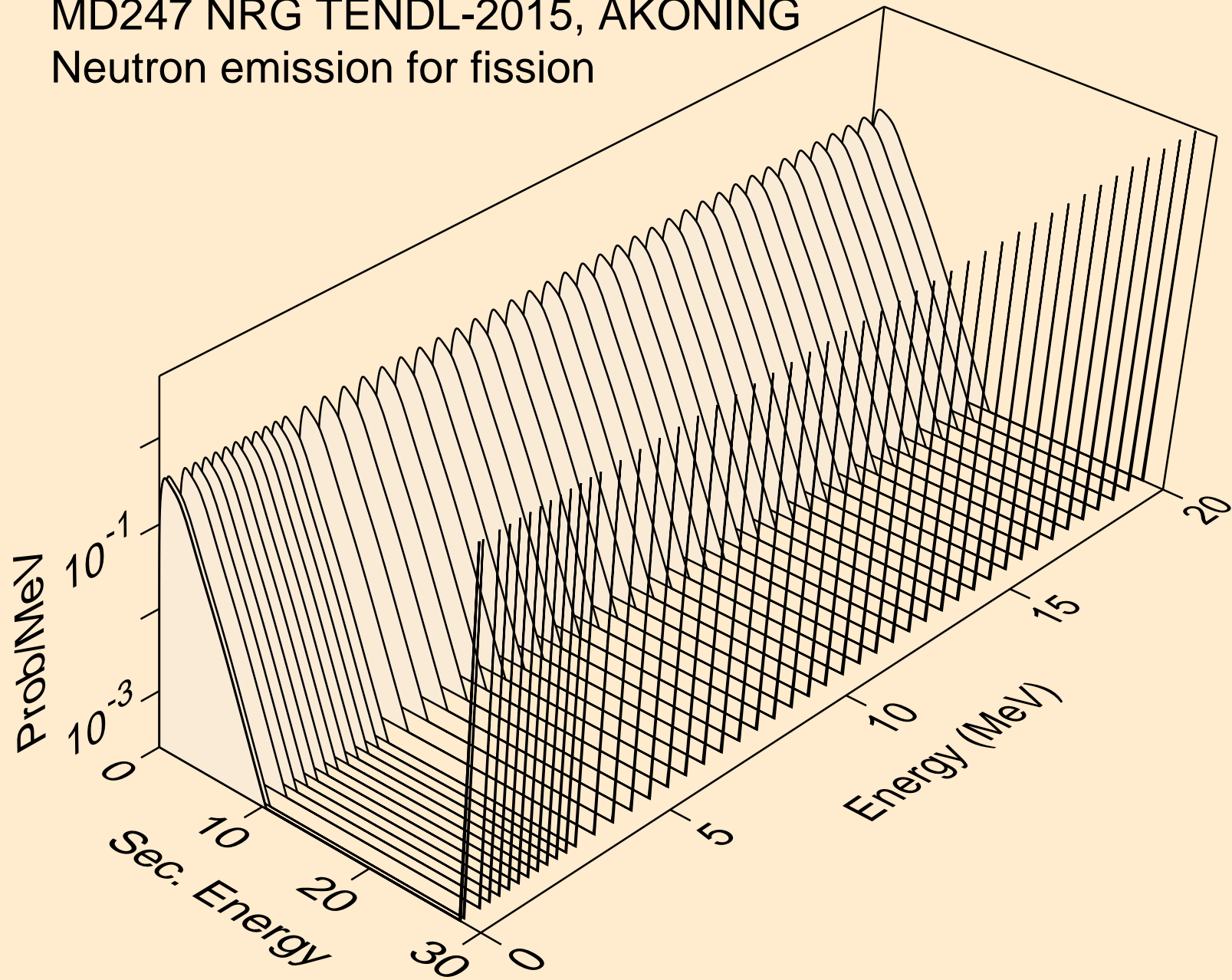
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

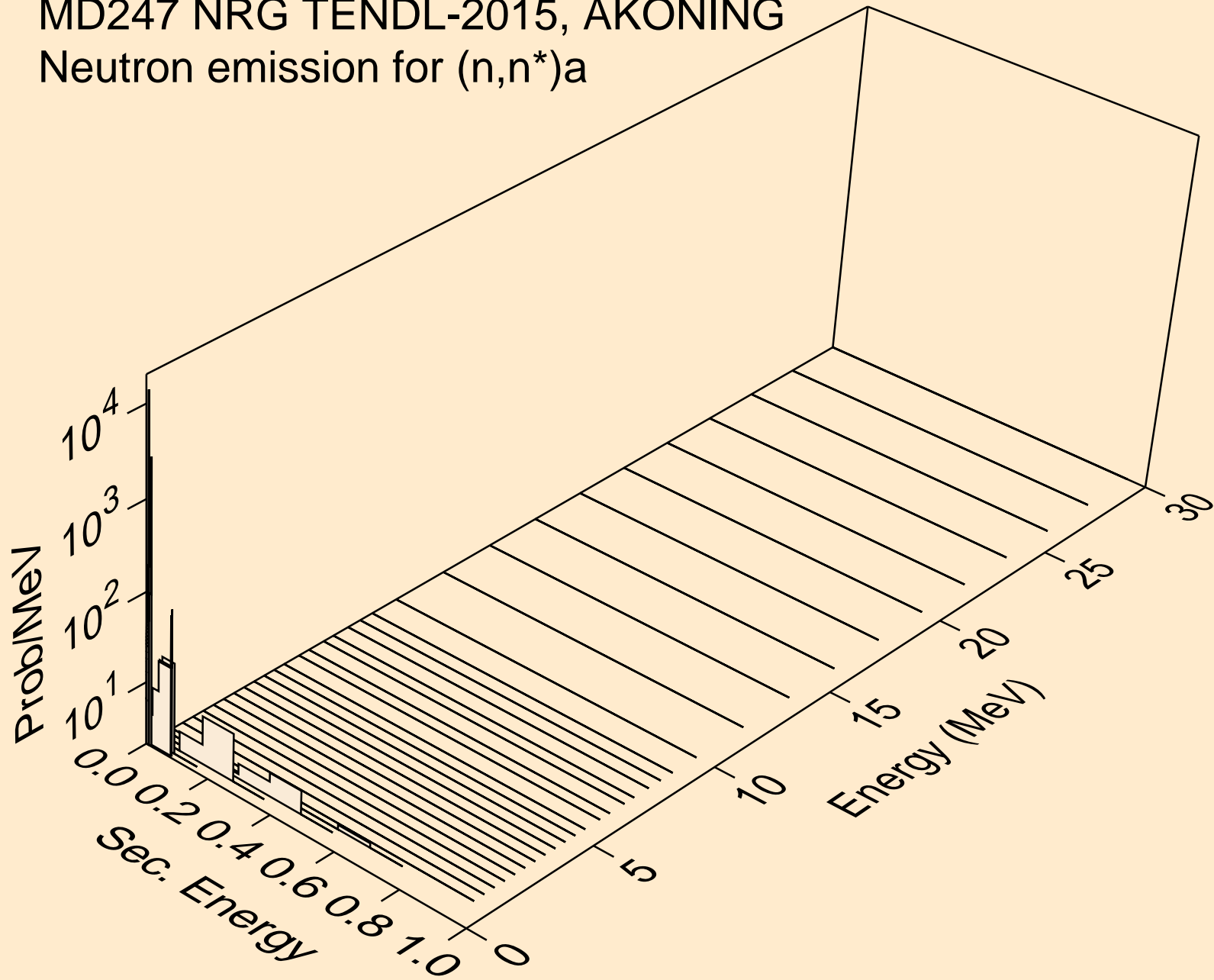


MD247 NRG TENDL-2015, AKONING  
Neutron emission for fission

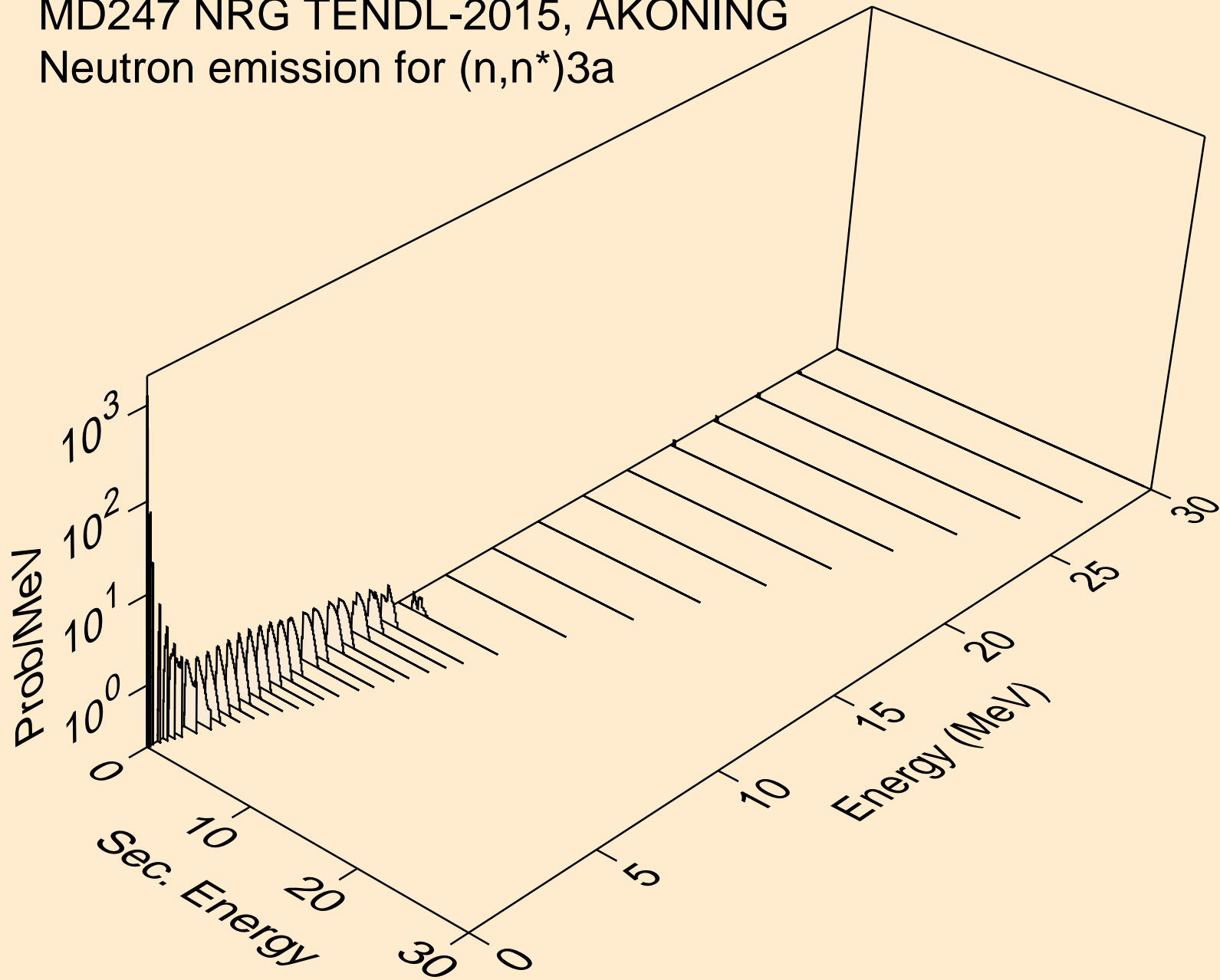




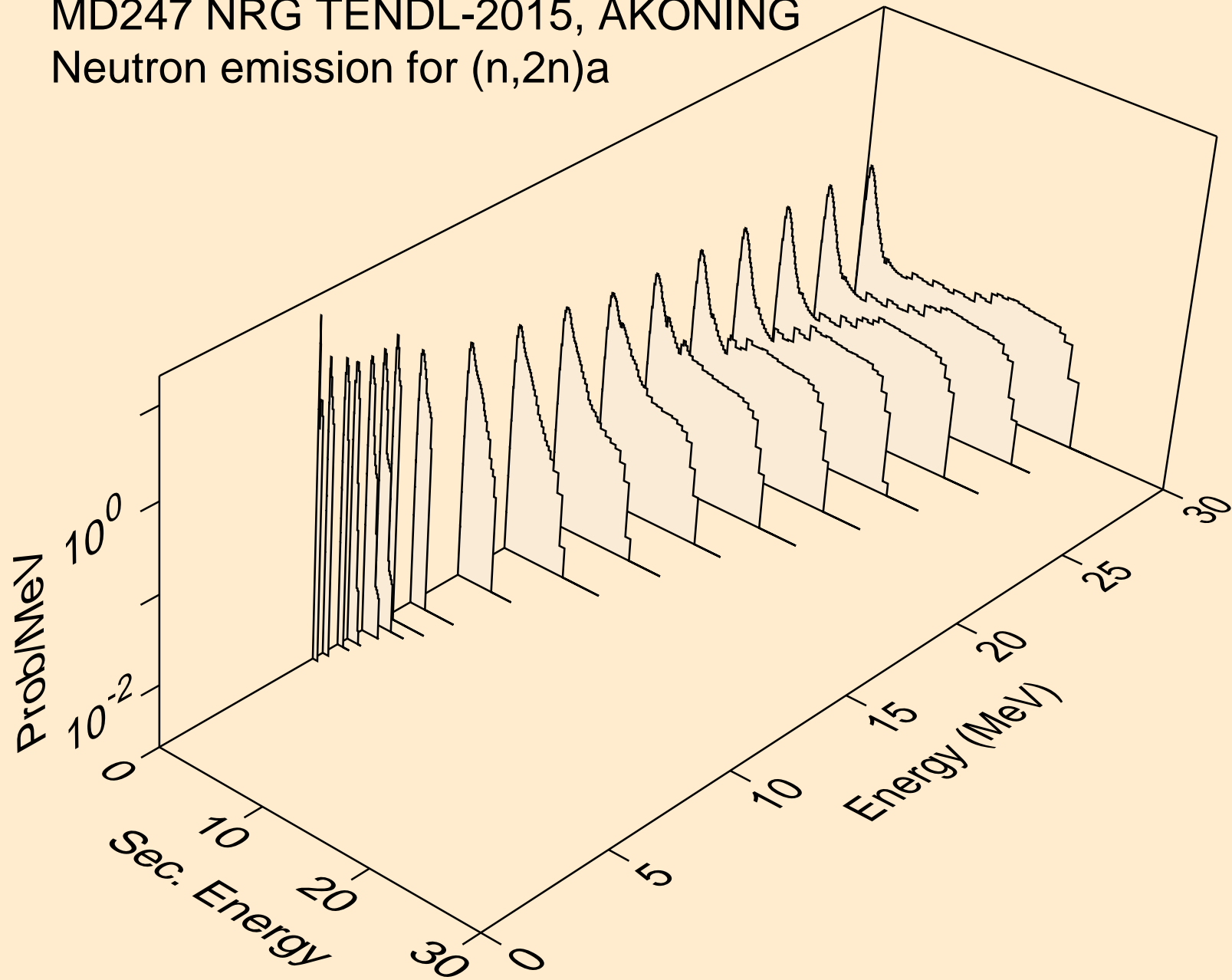
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



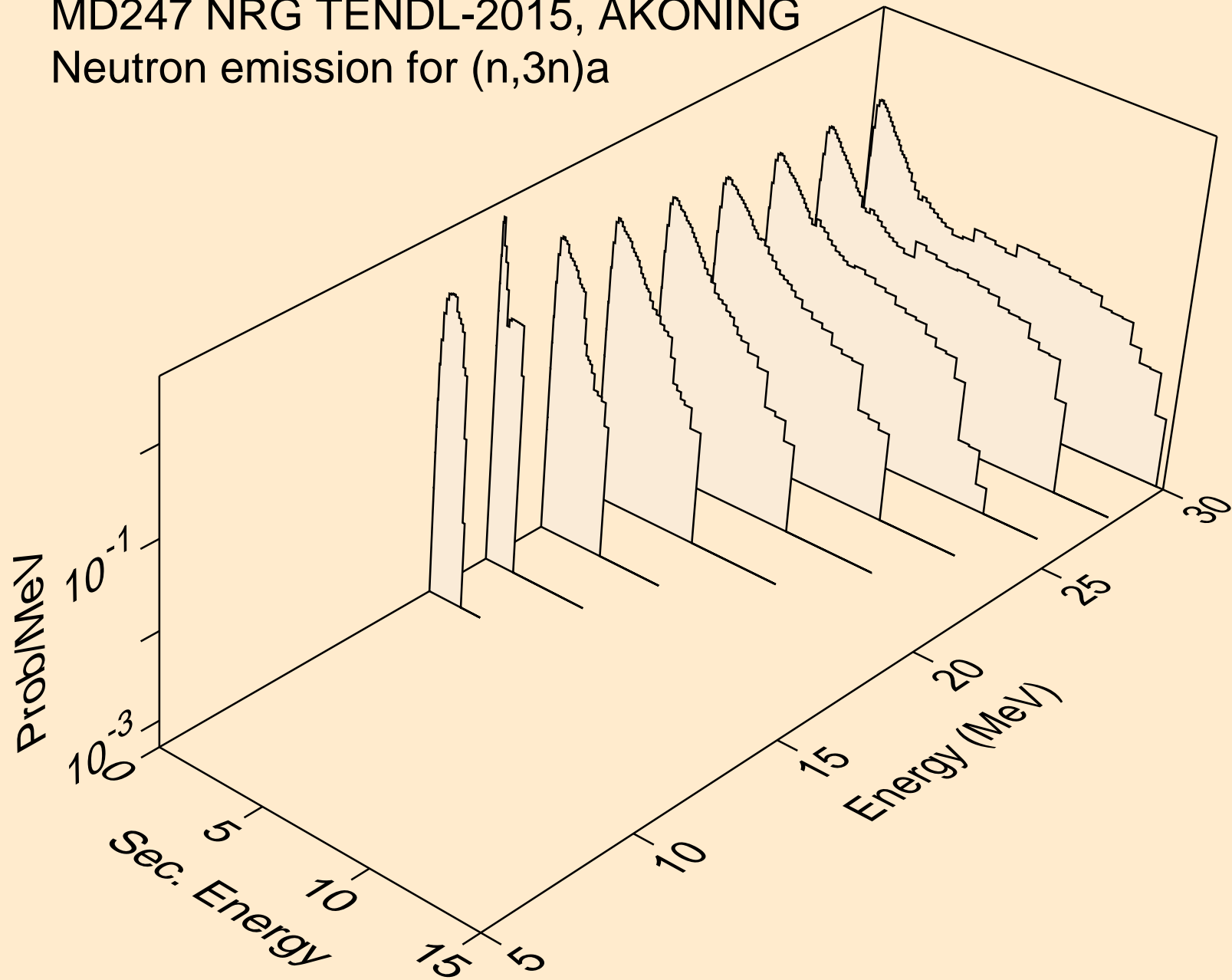
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



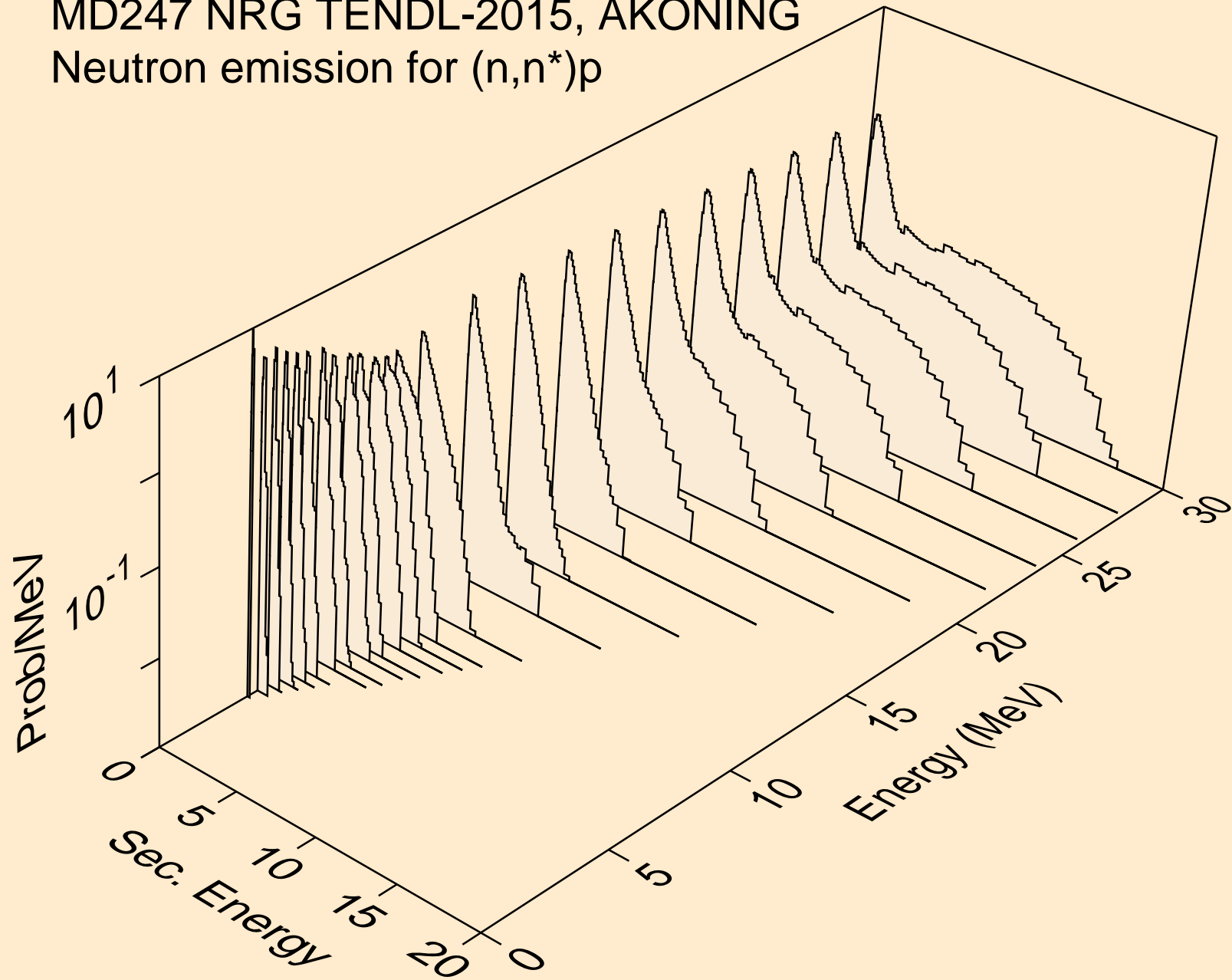
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



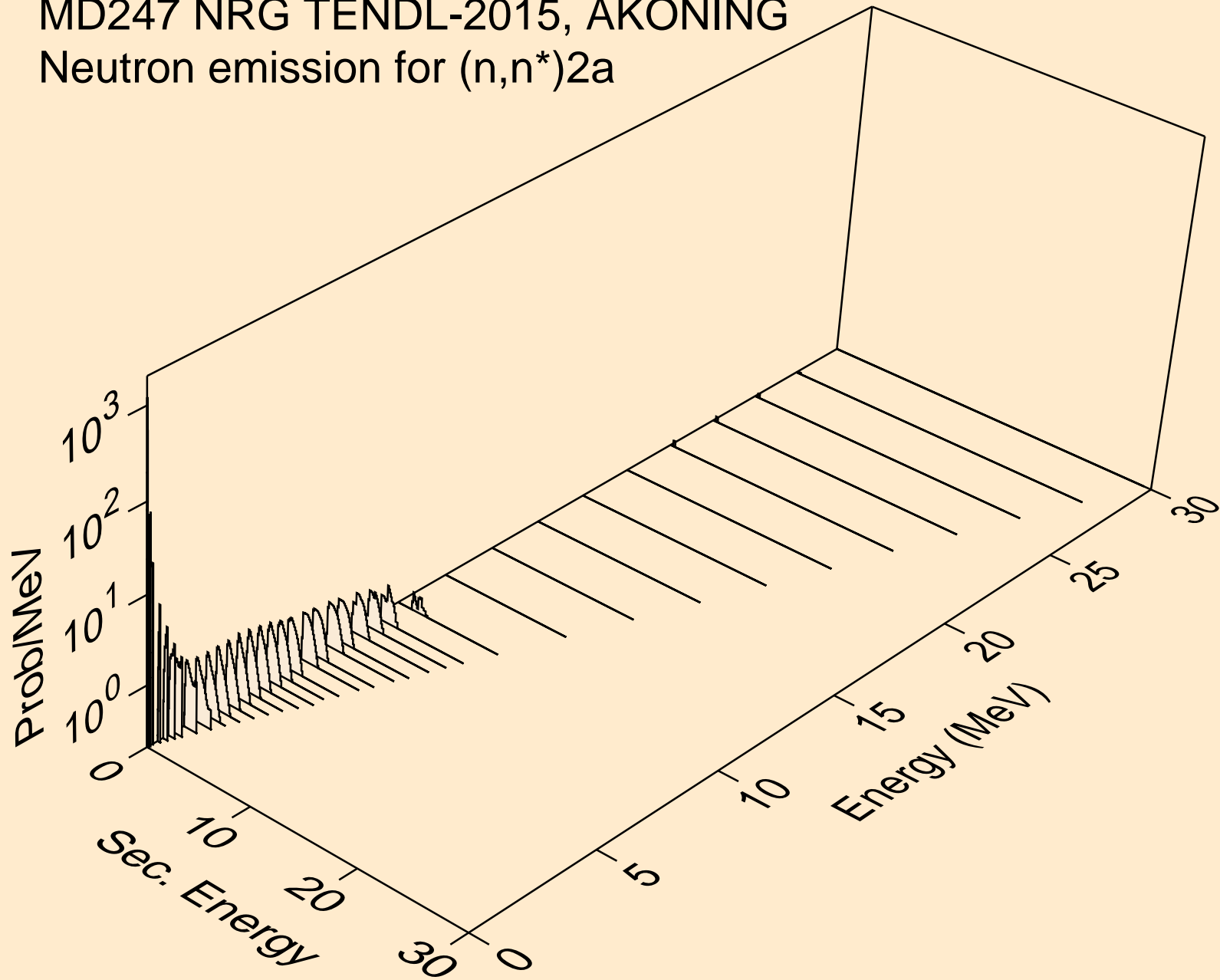
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



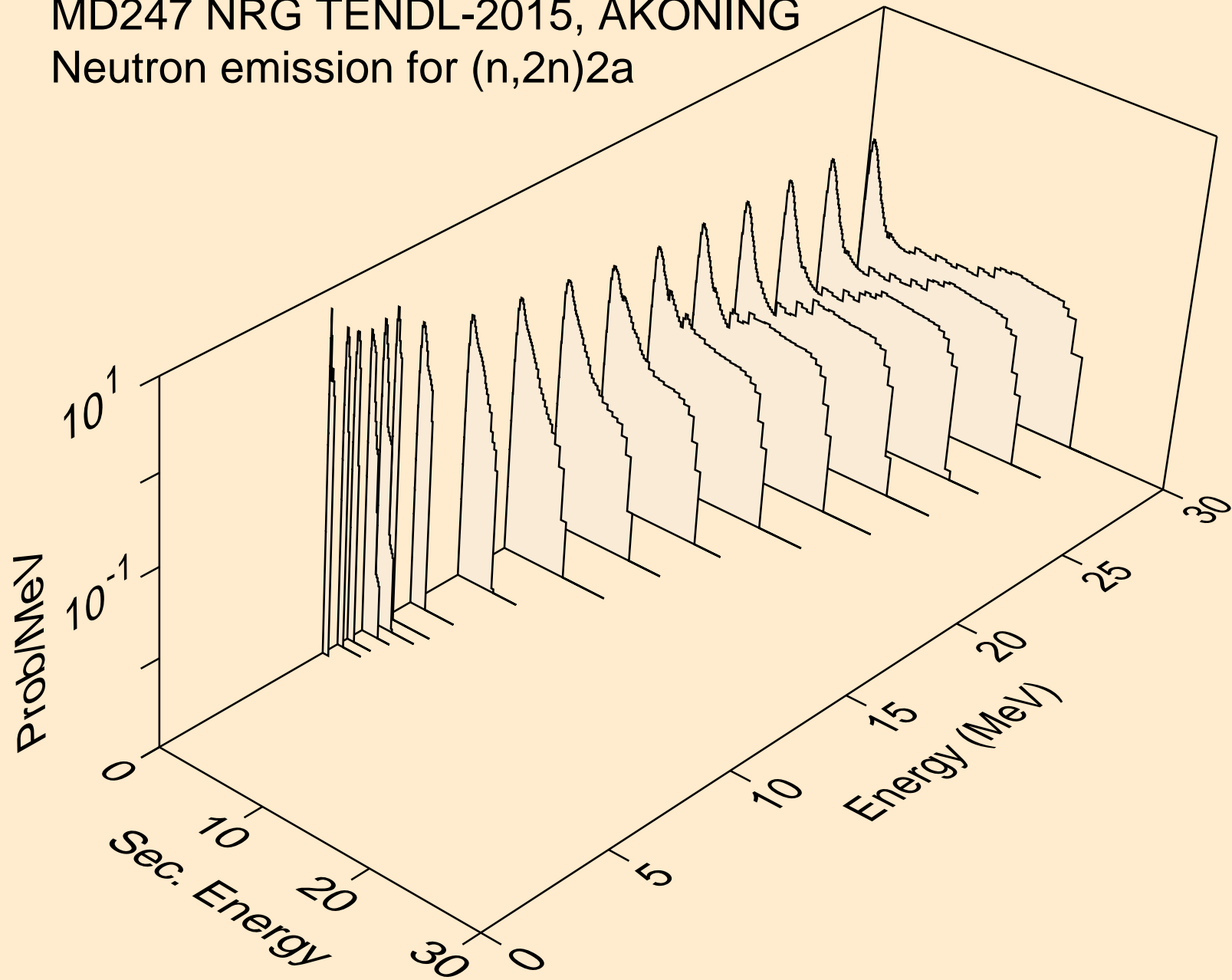
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



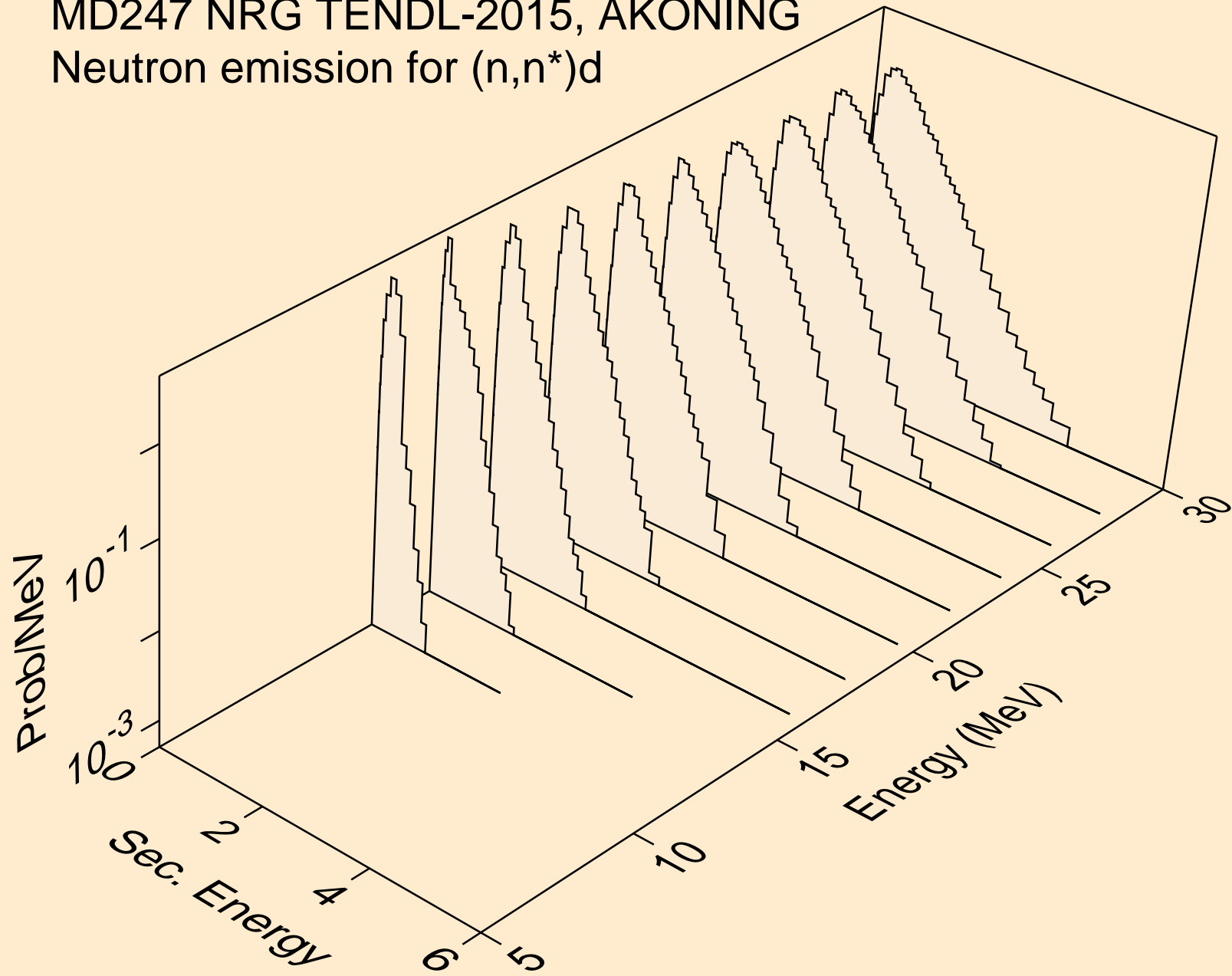
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

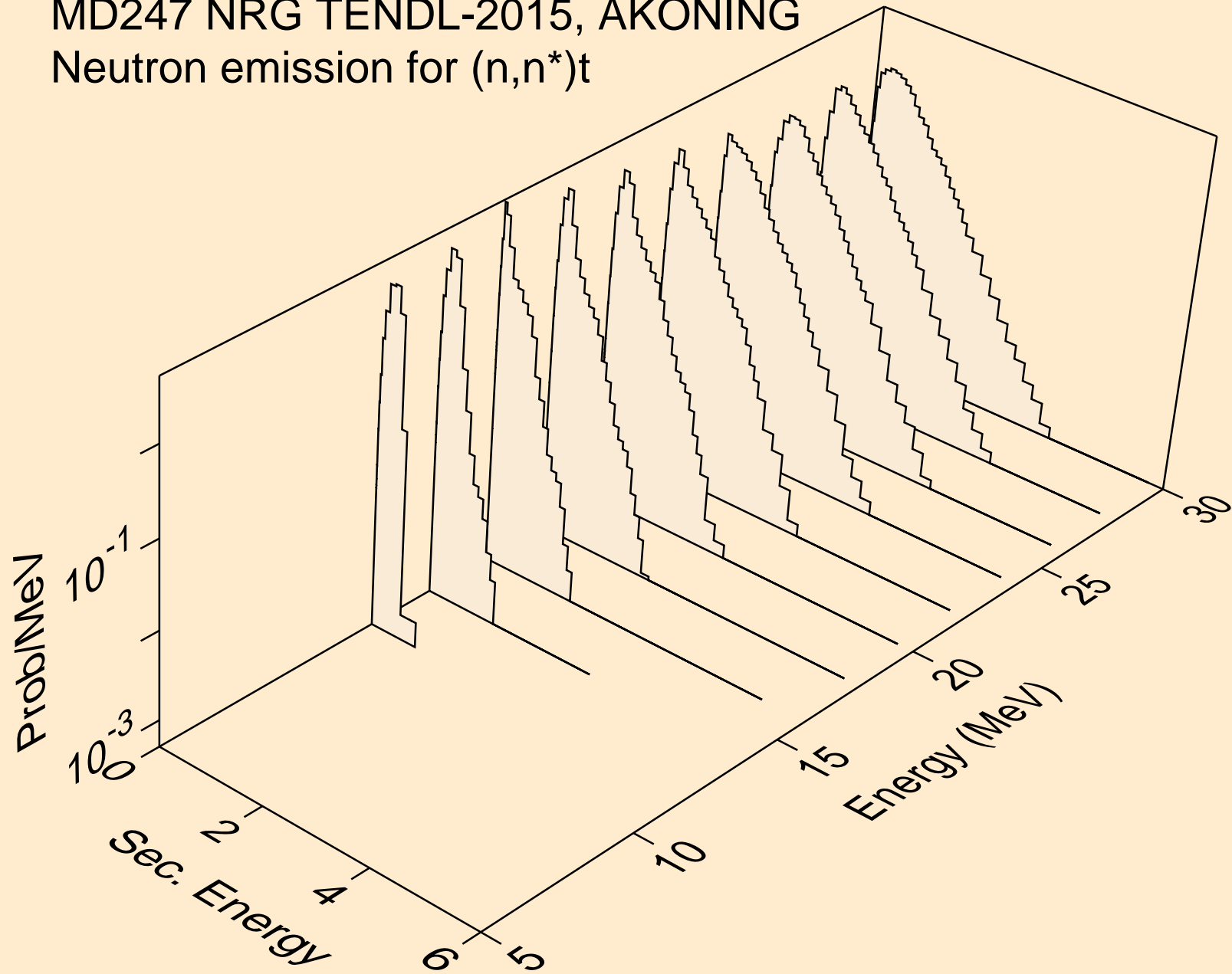


MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

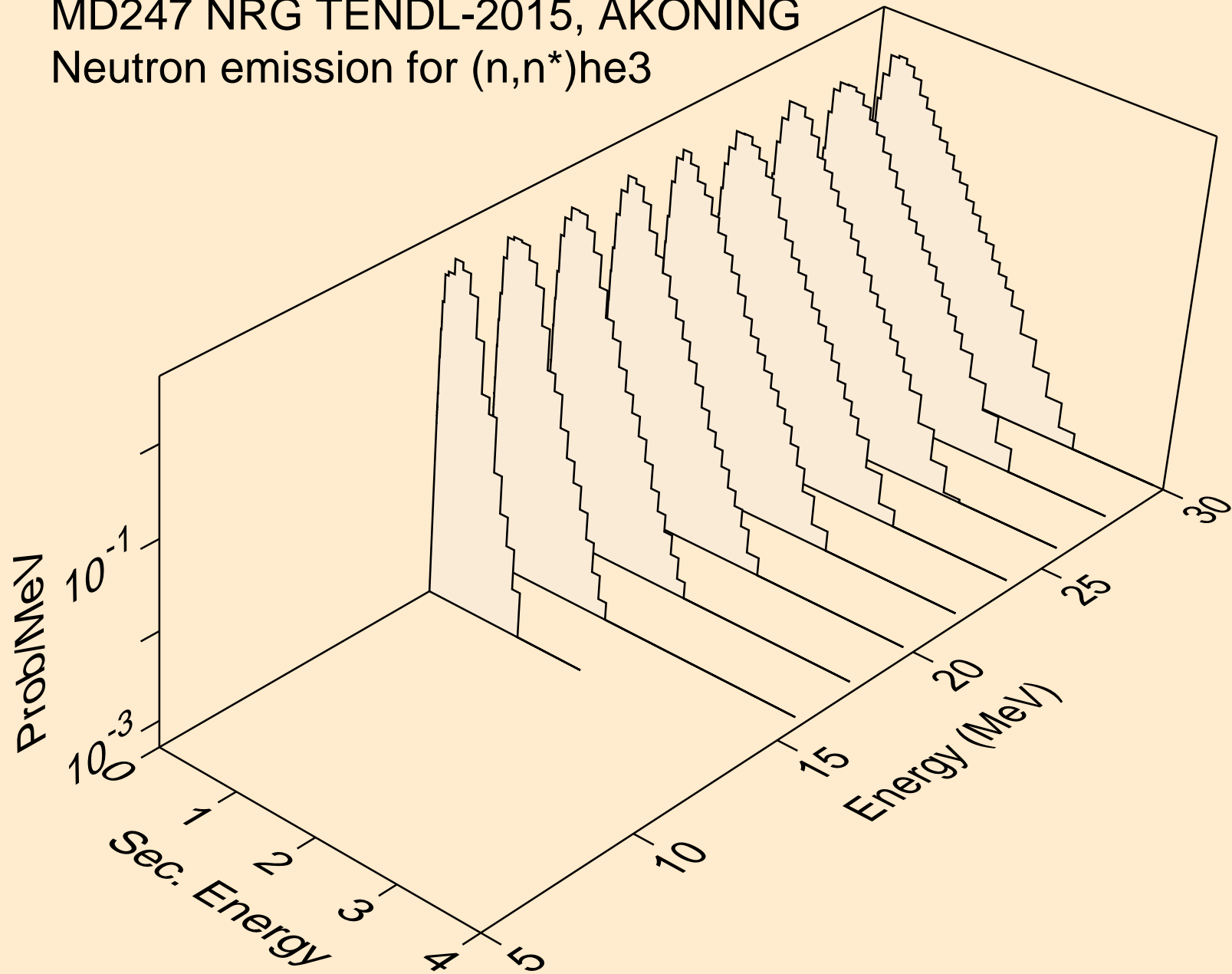




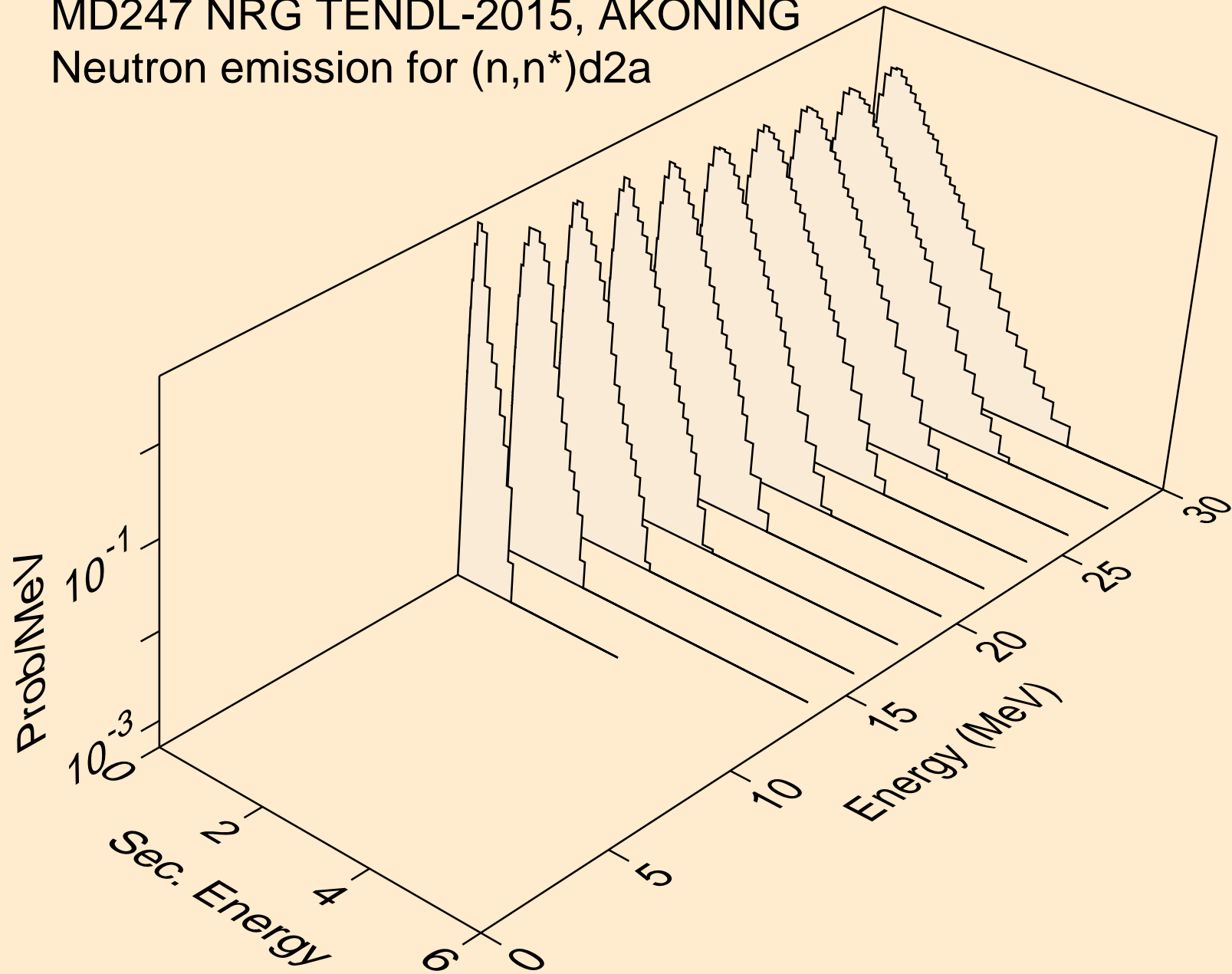
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



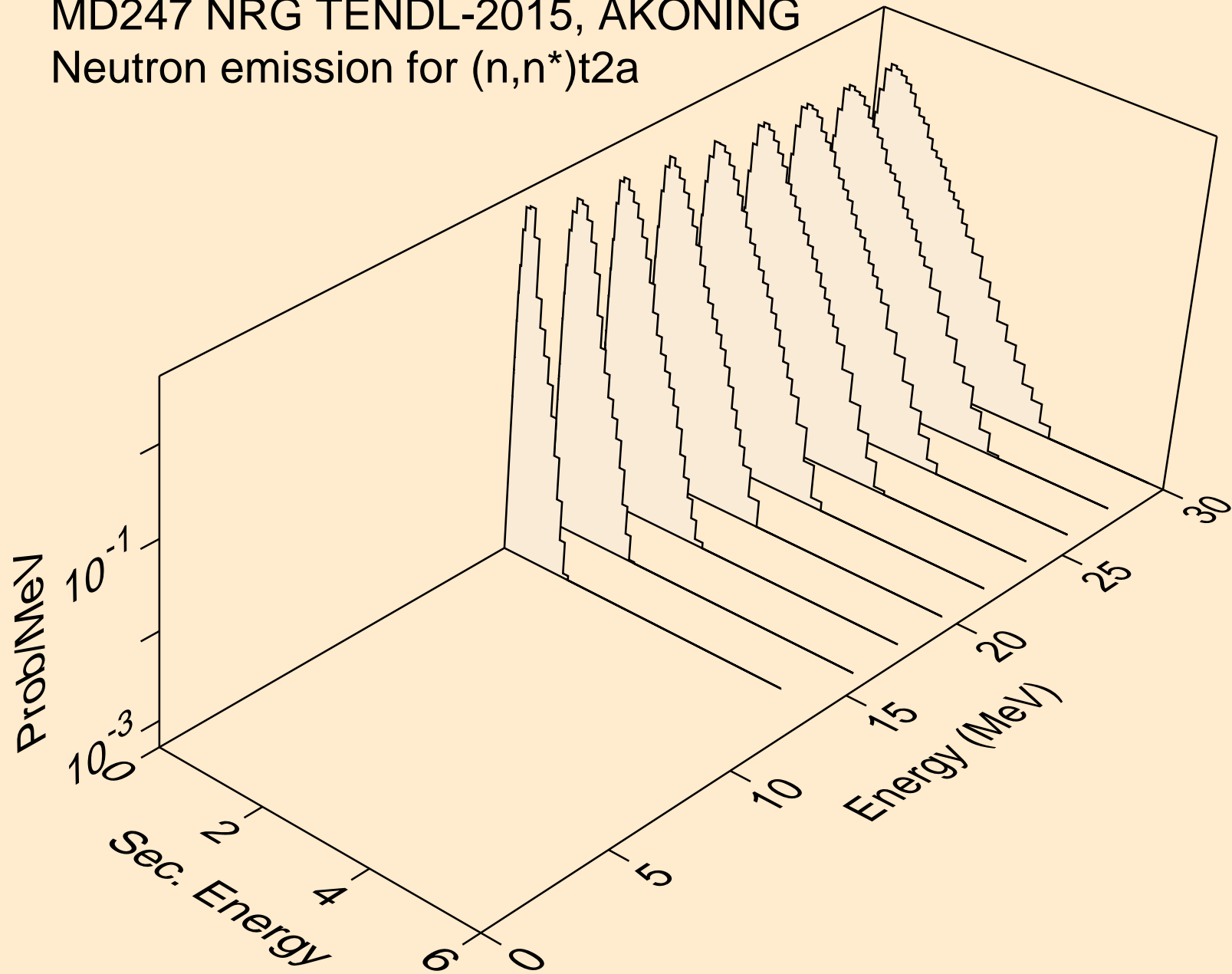
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



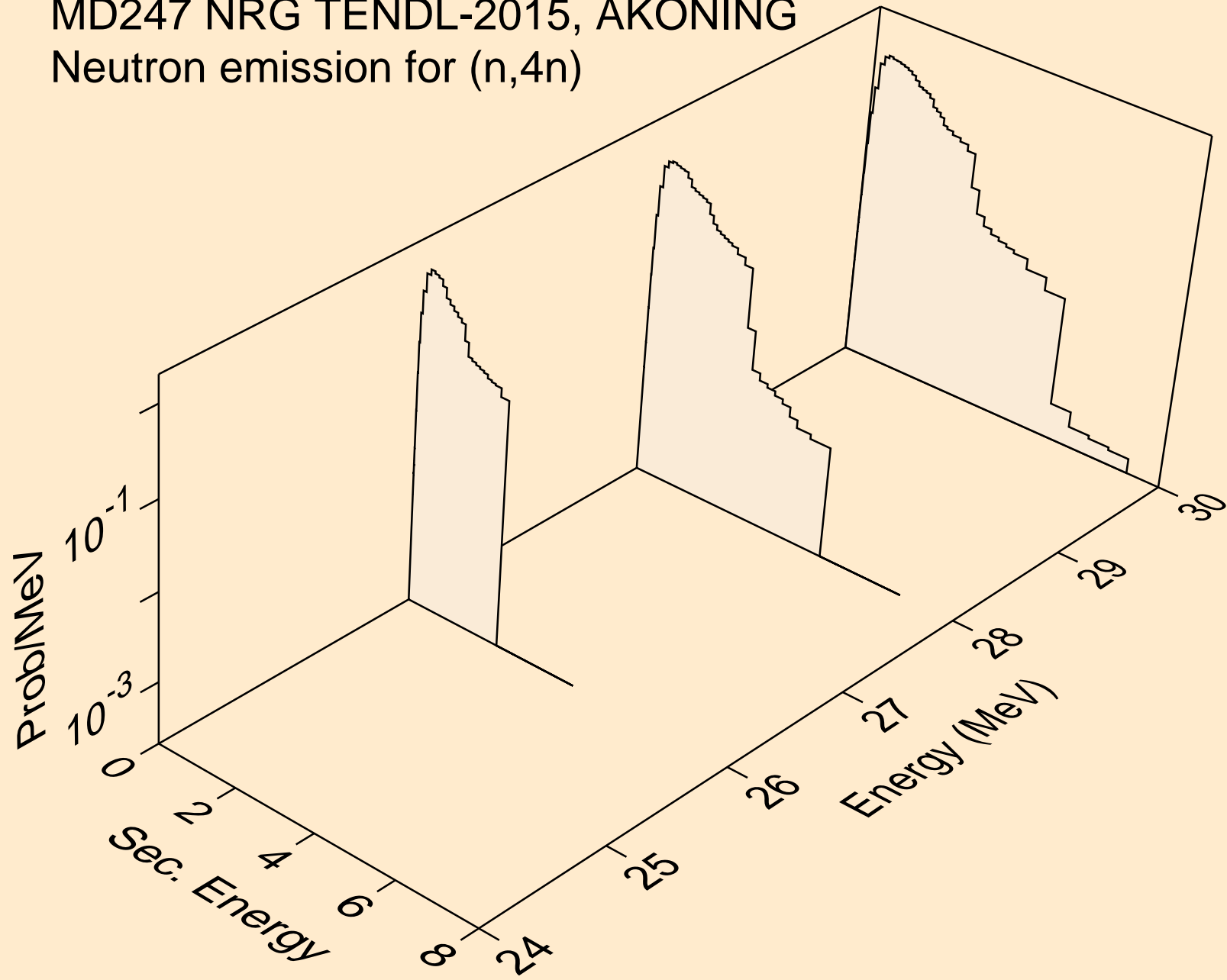
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



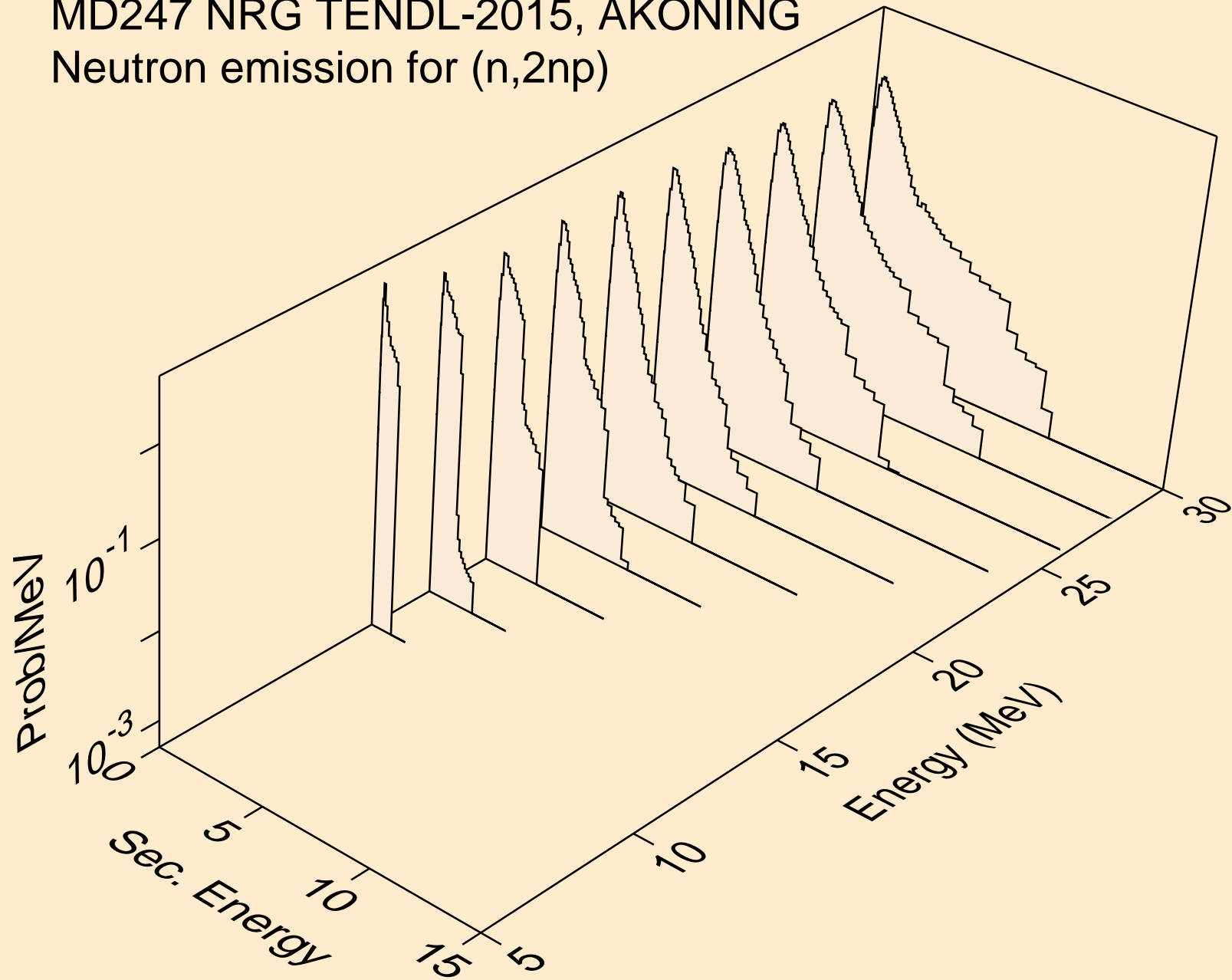
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



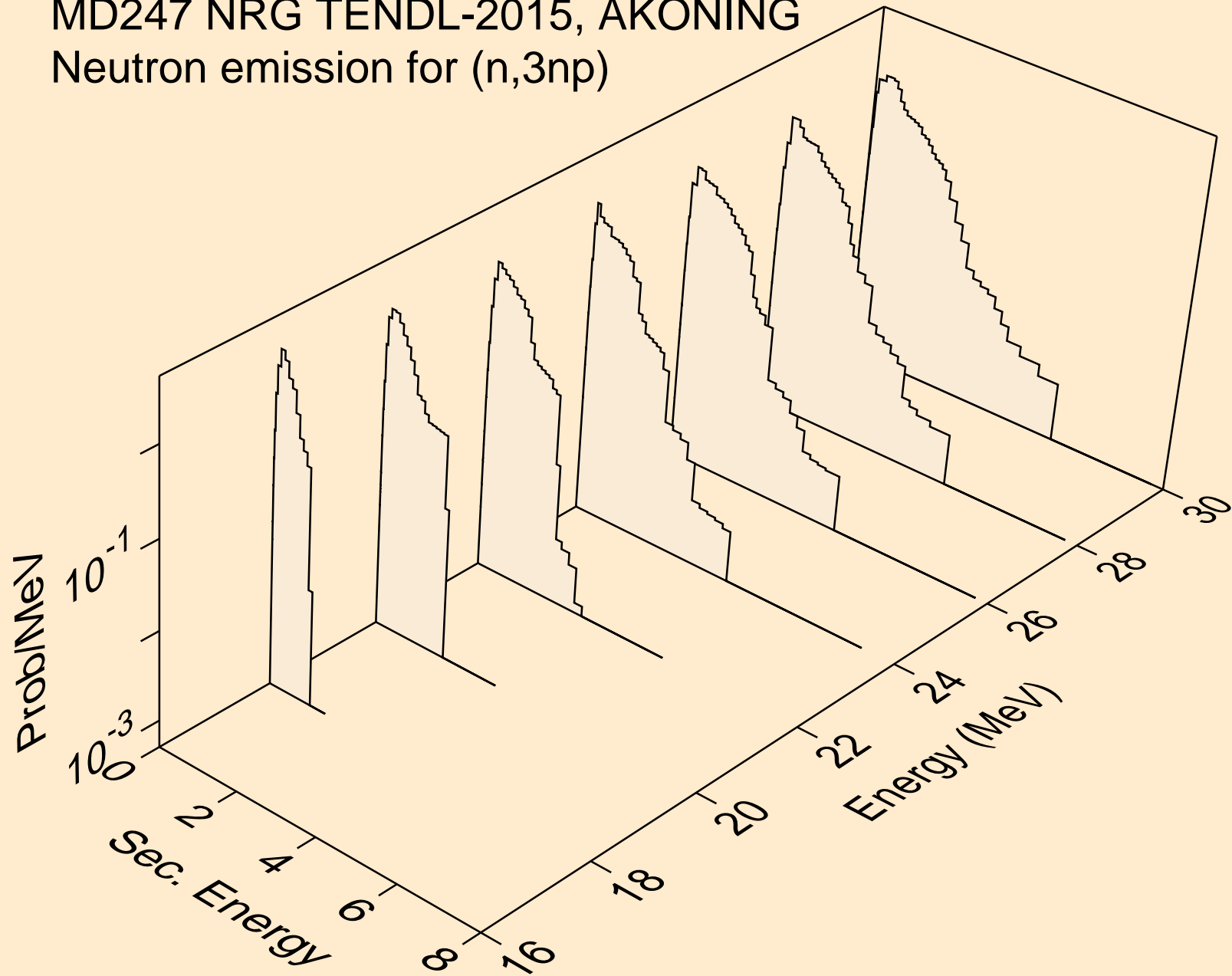
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



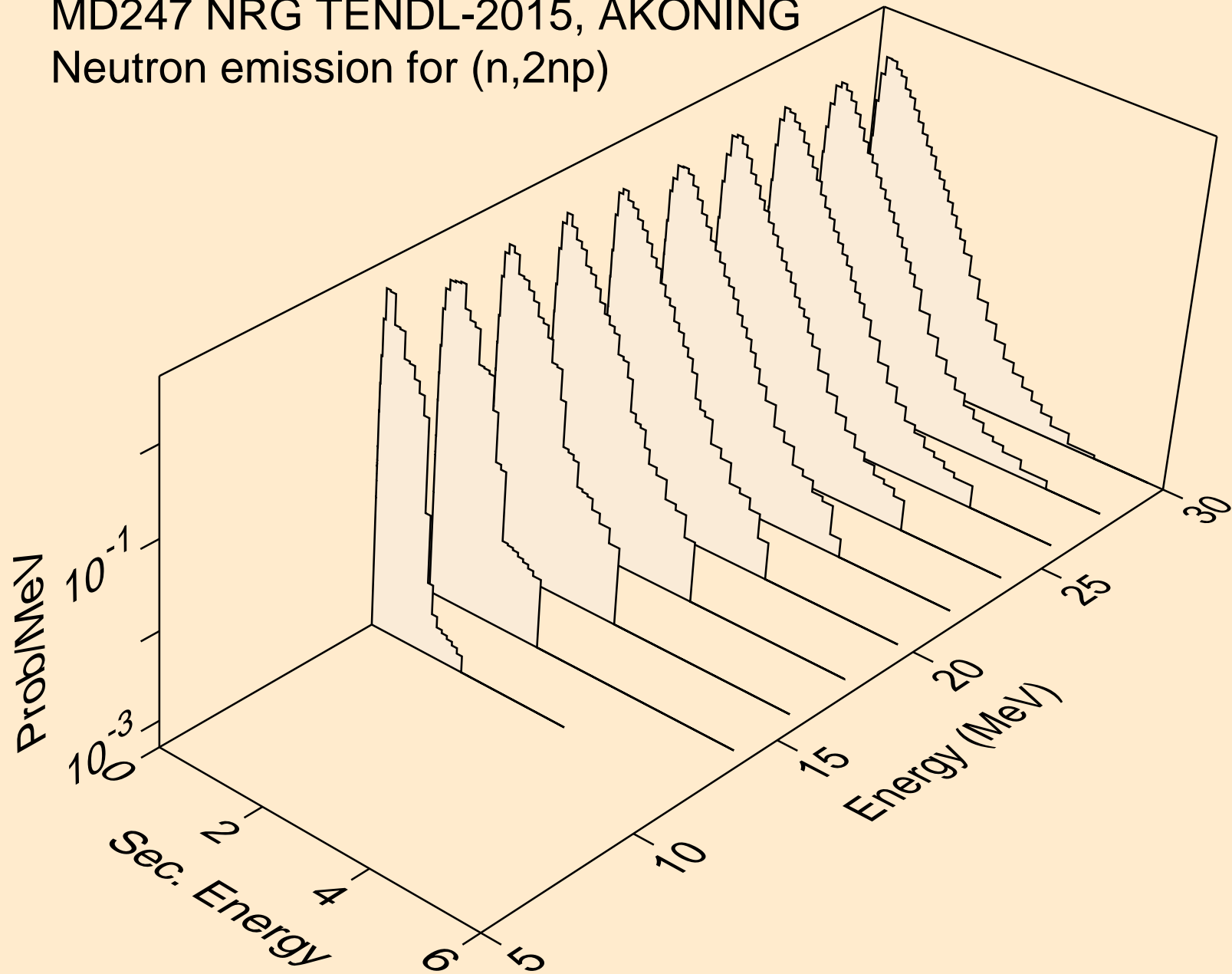
MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

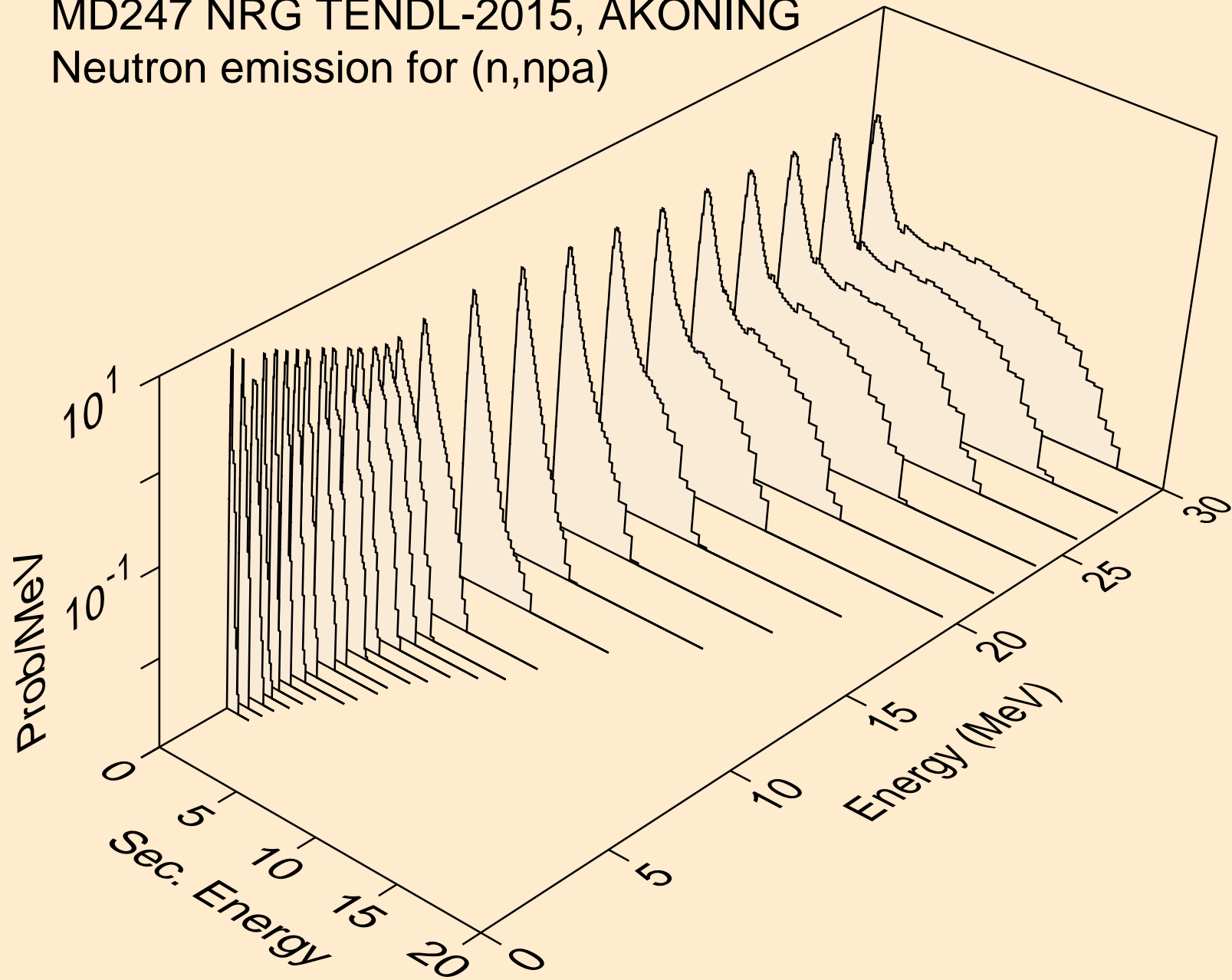


MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

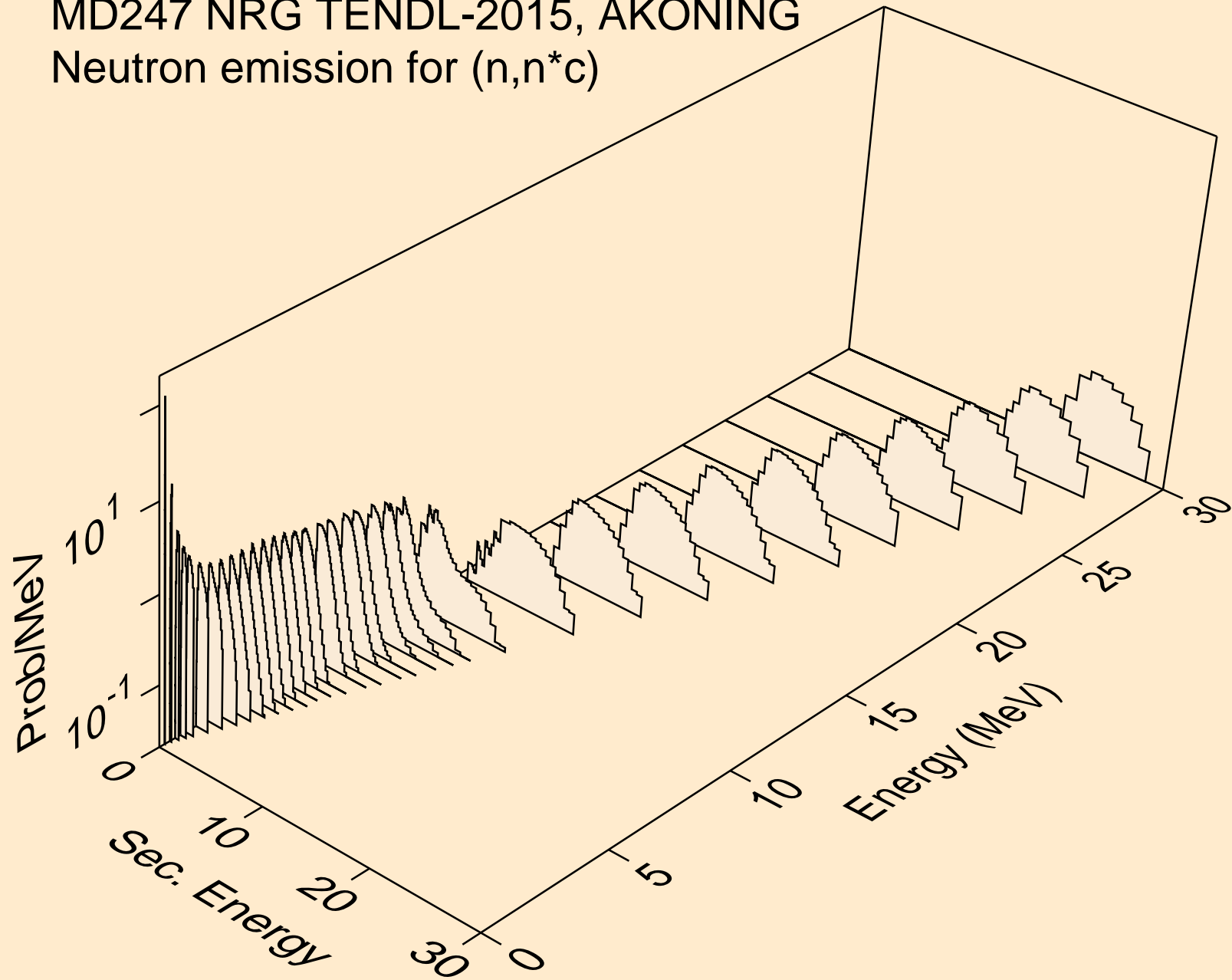




MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

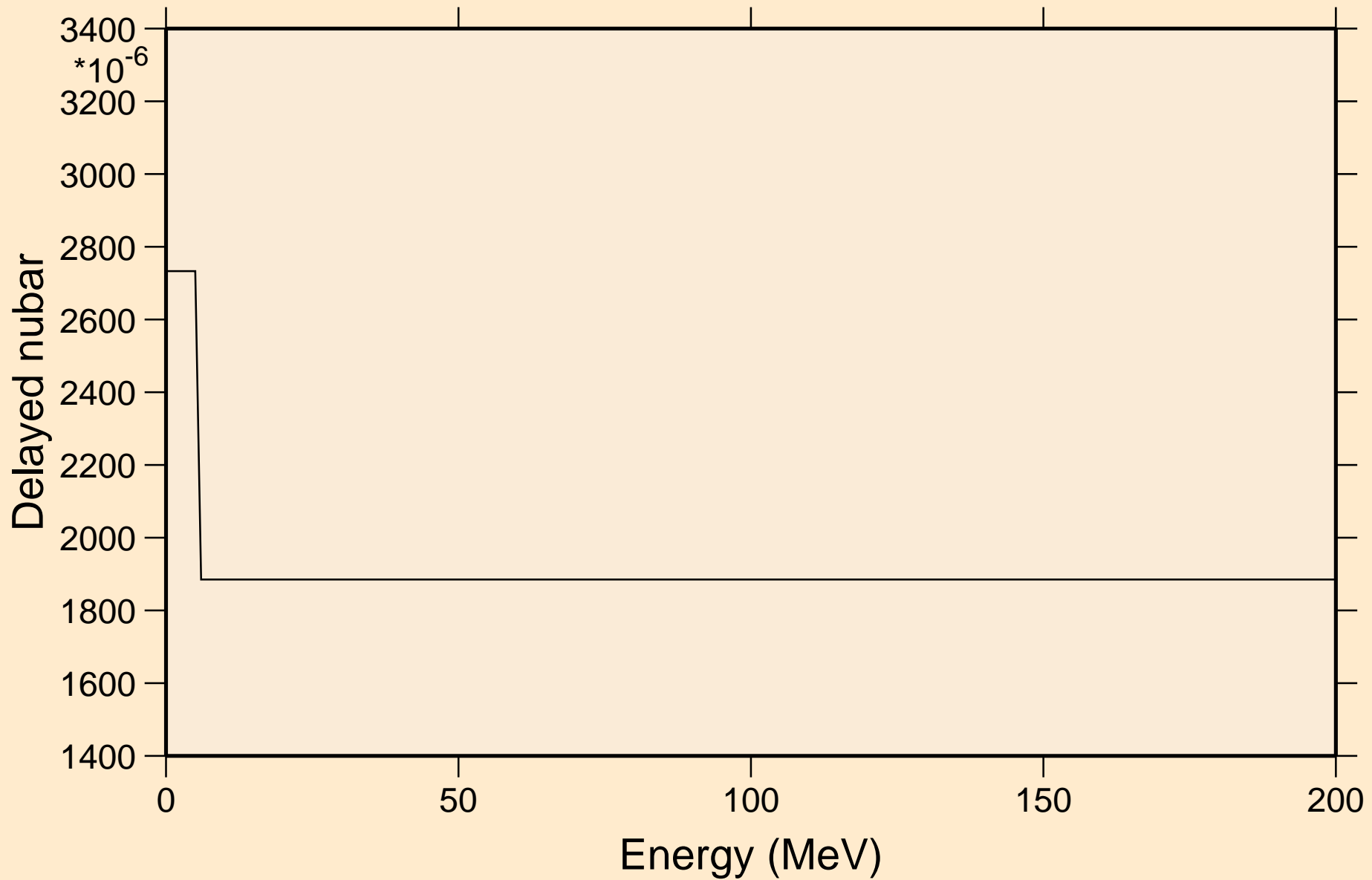


MD247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



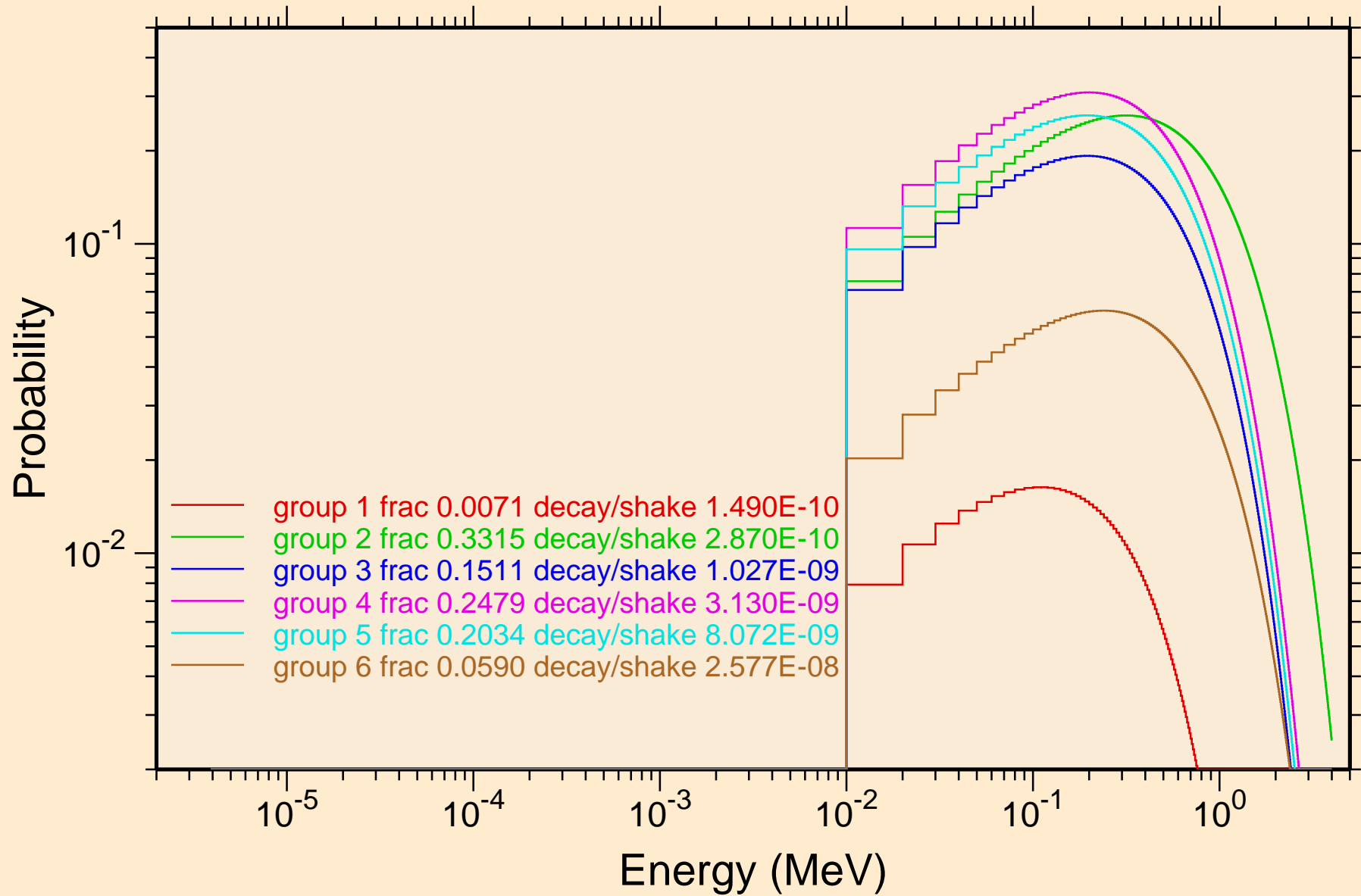
# MD247 NRG TENDL-2015, AKONING

## Delayed nubar

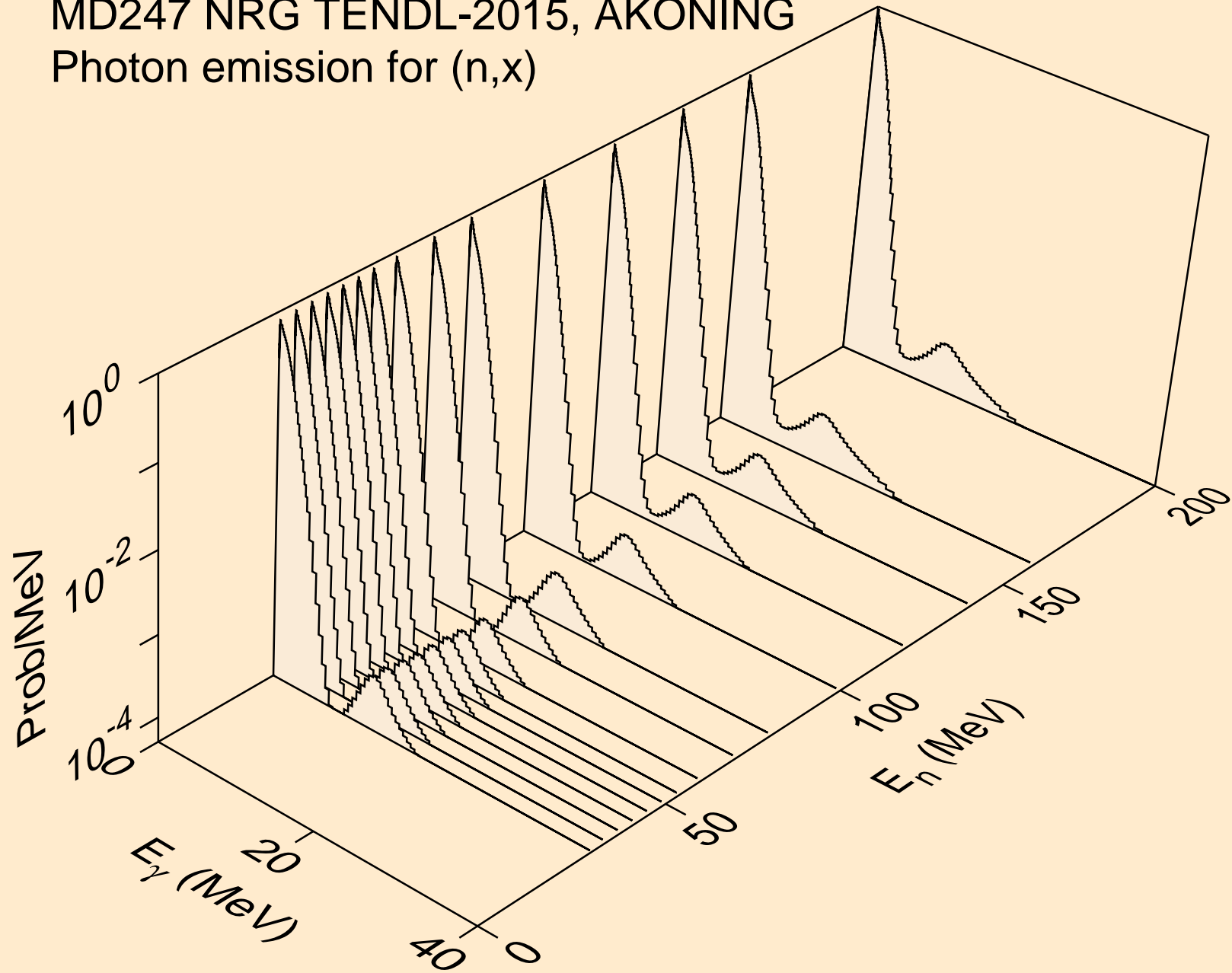


# MD247 NRG TENDL-2015, AKONING

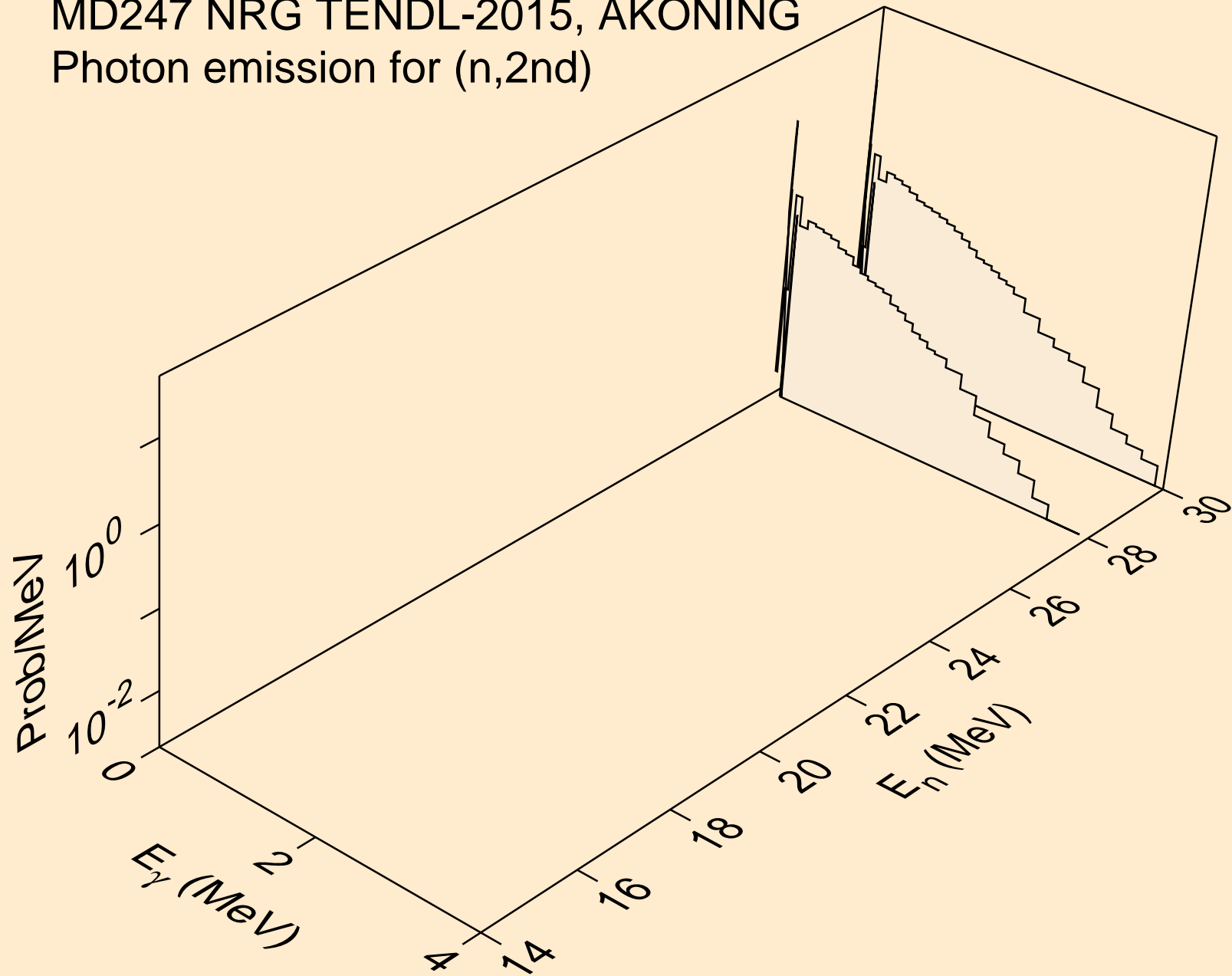
## Delayed neutron spectra



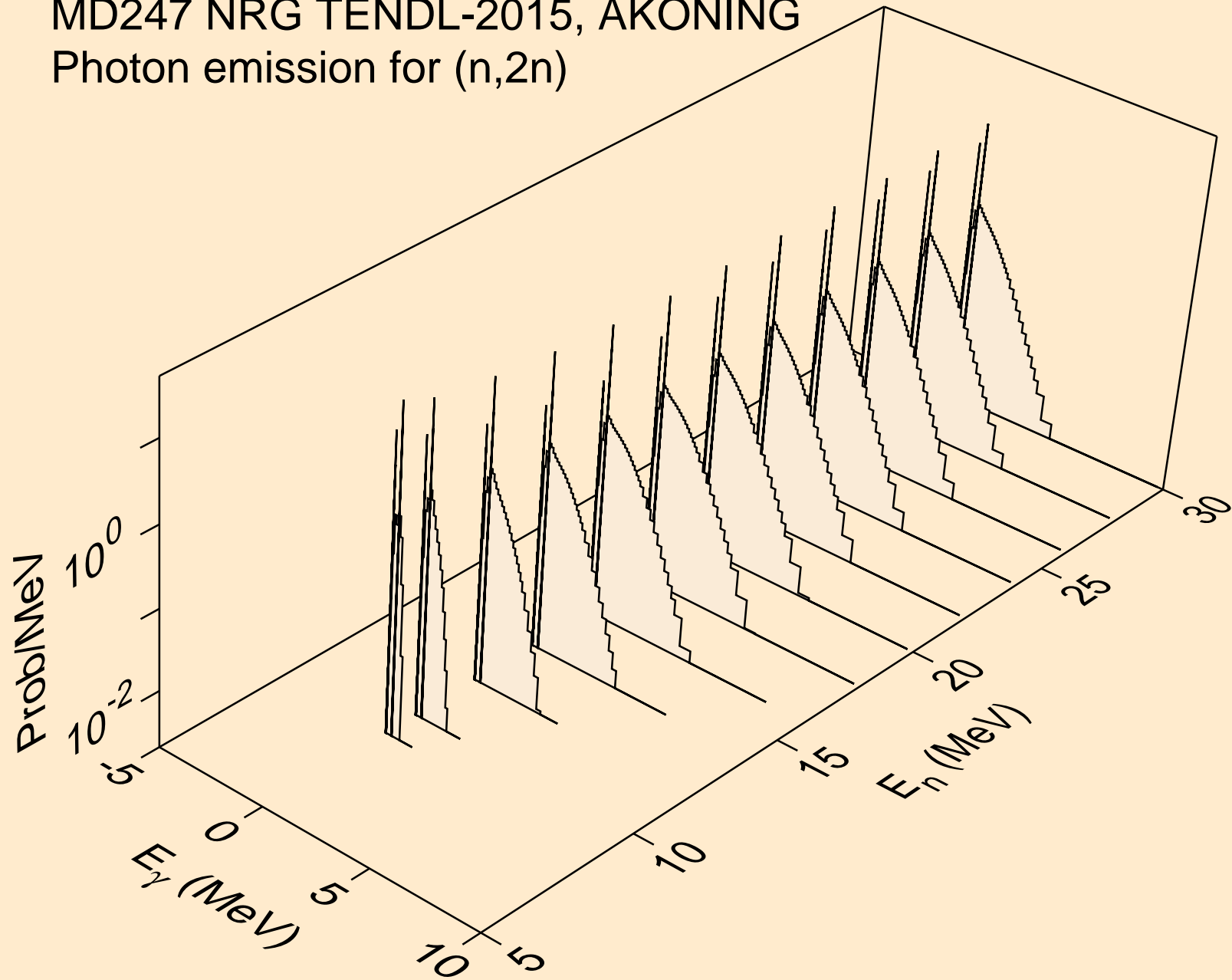
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



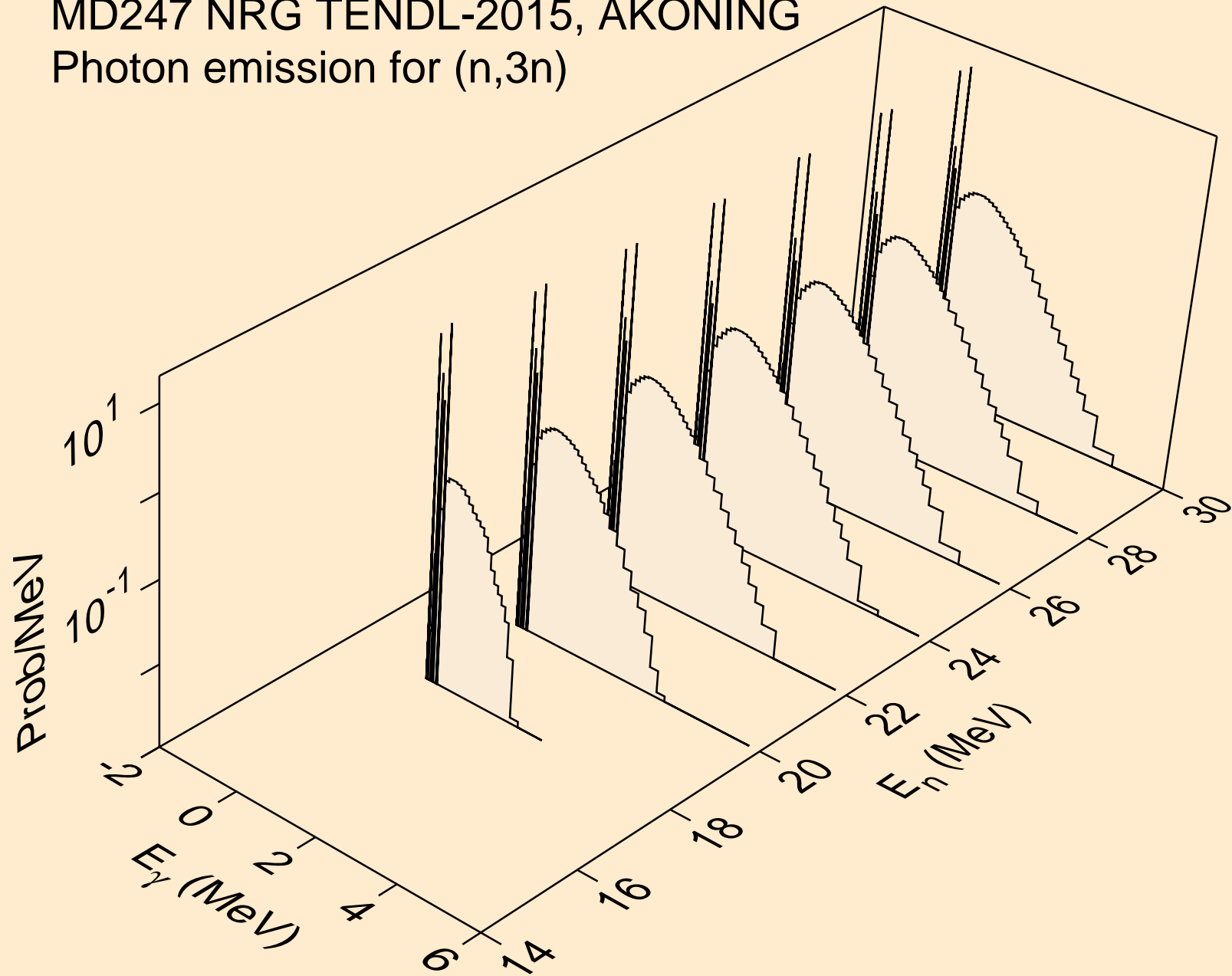
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

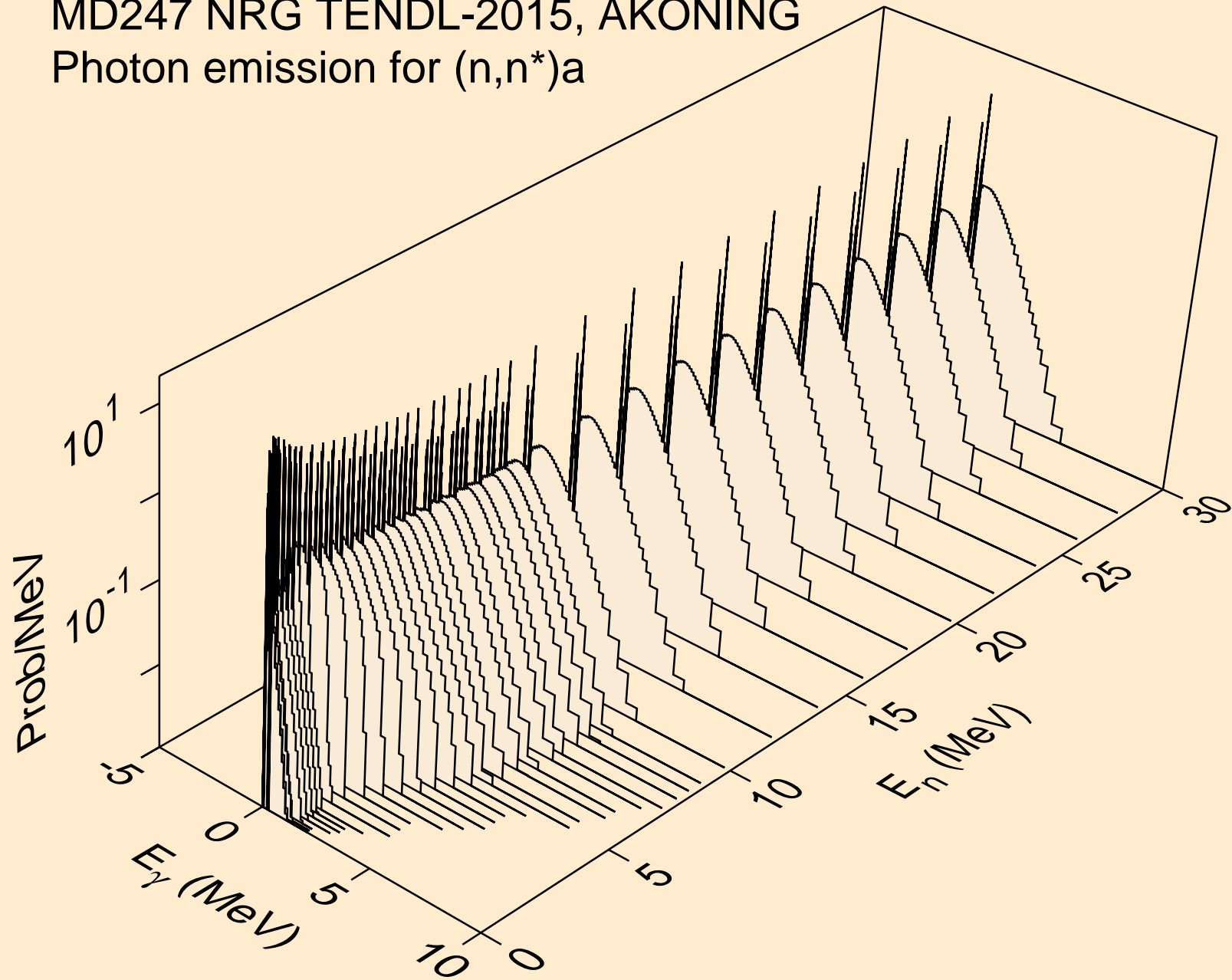


MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

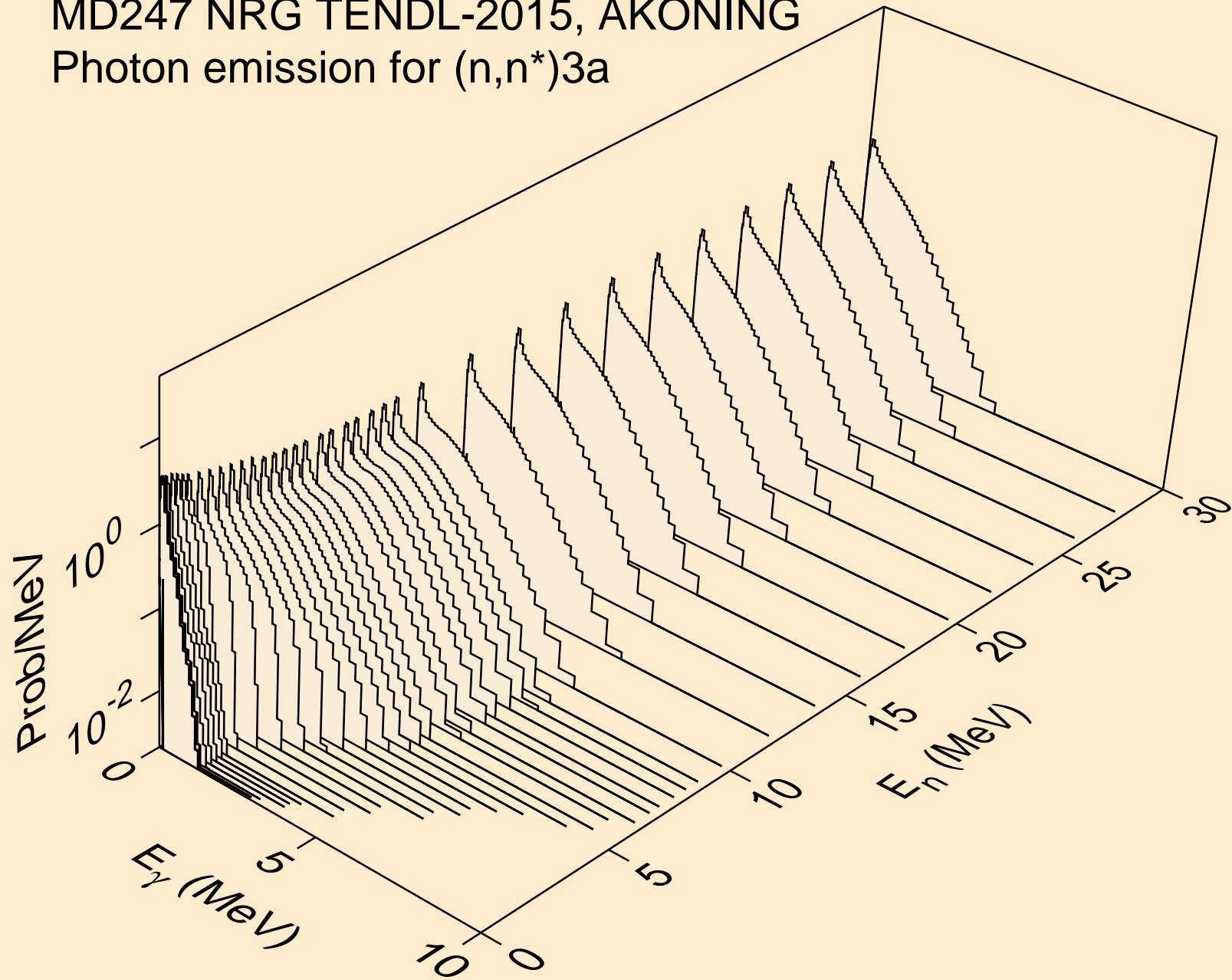




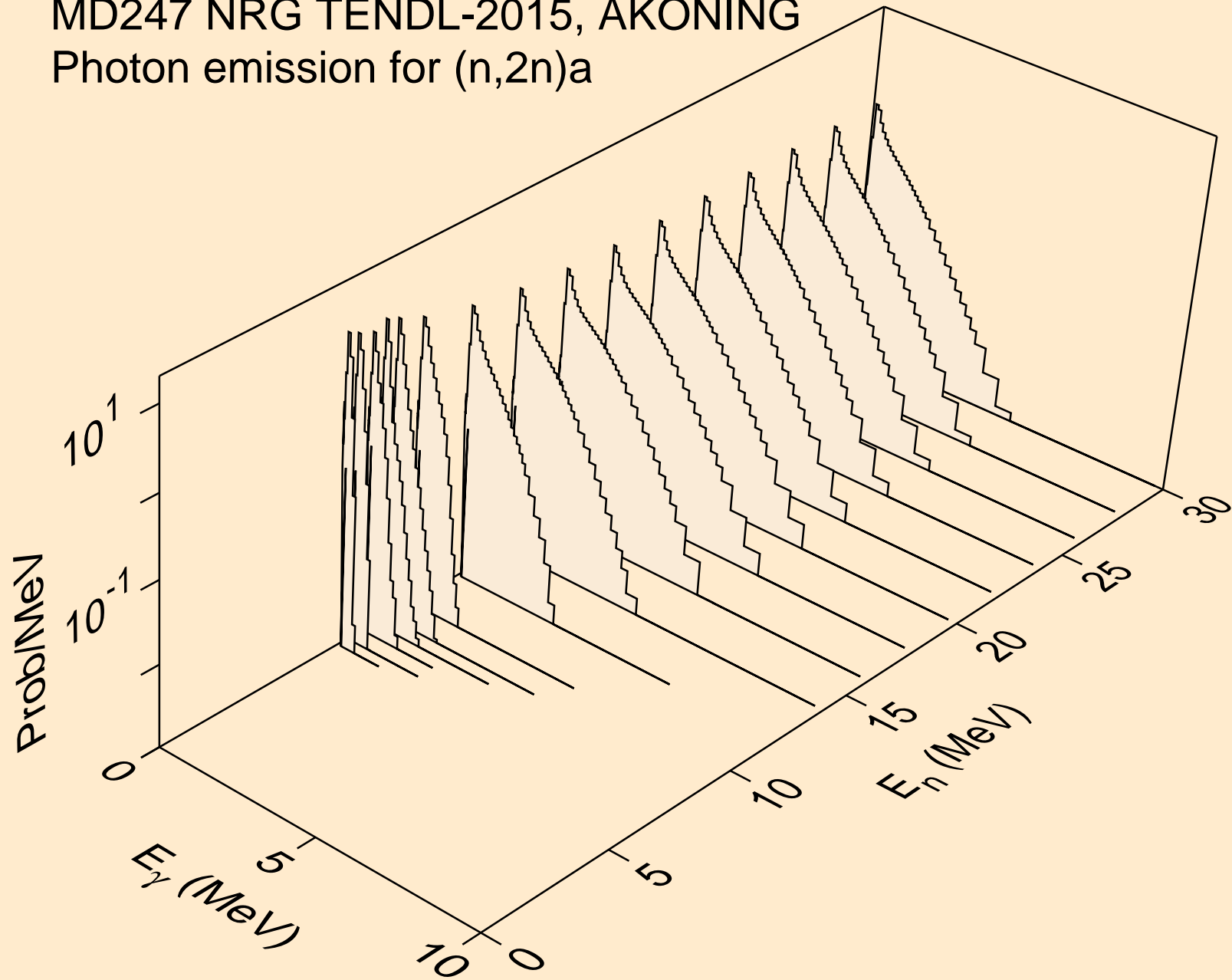
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



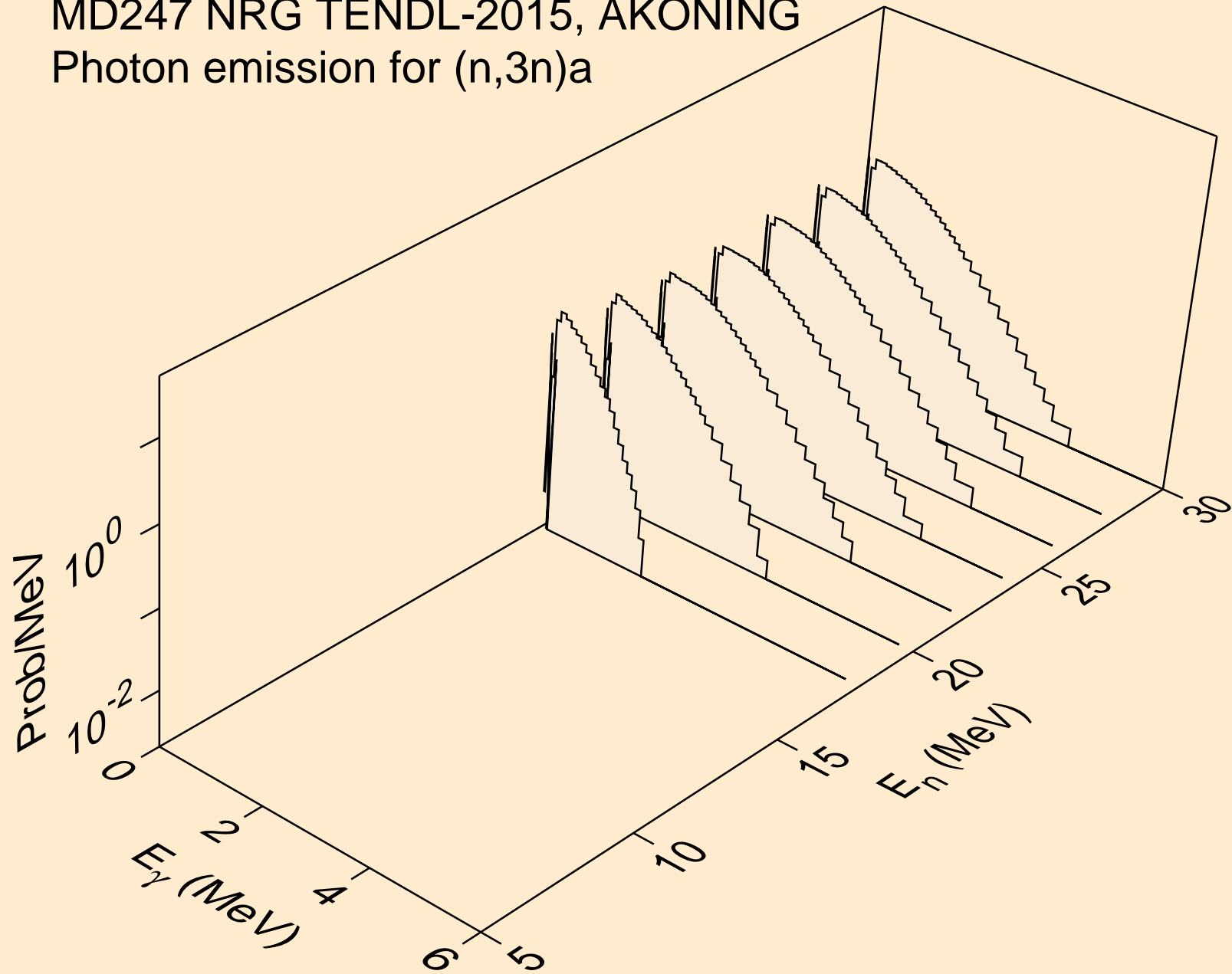
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



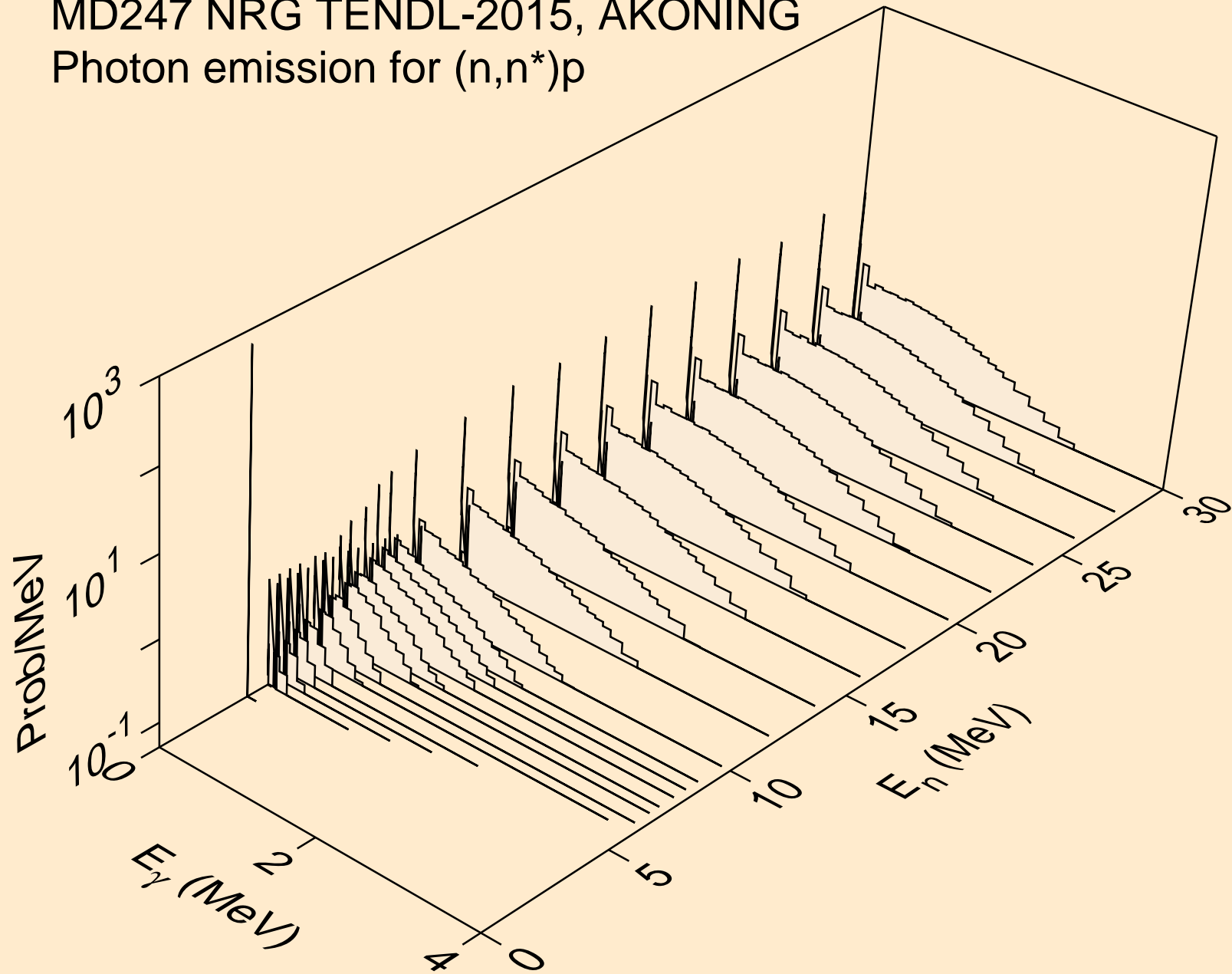
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



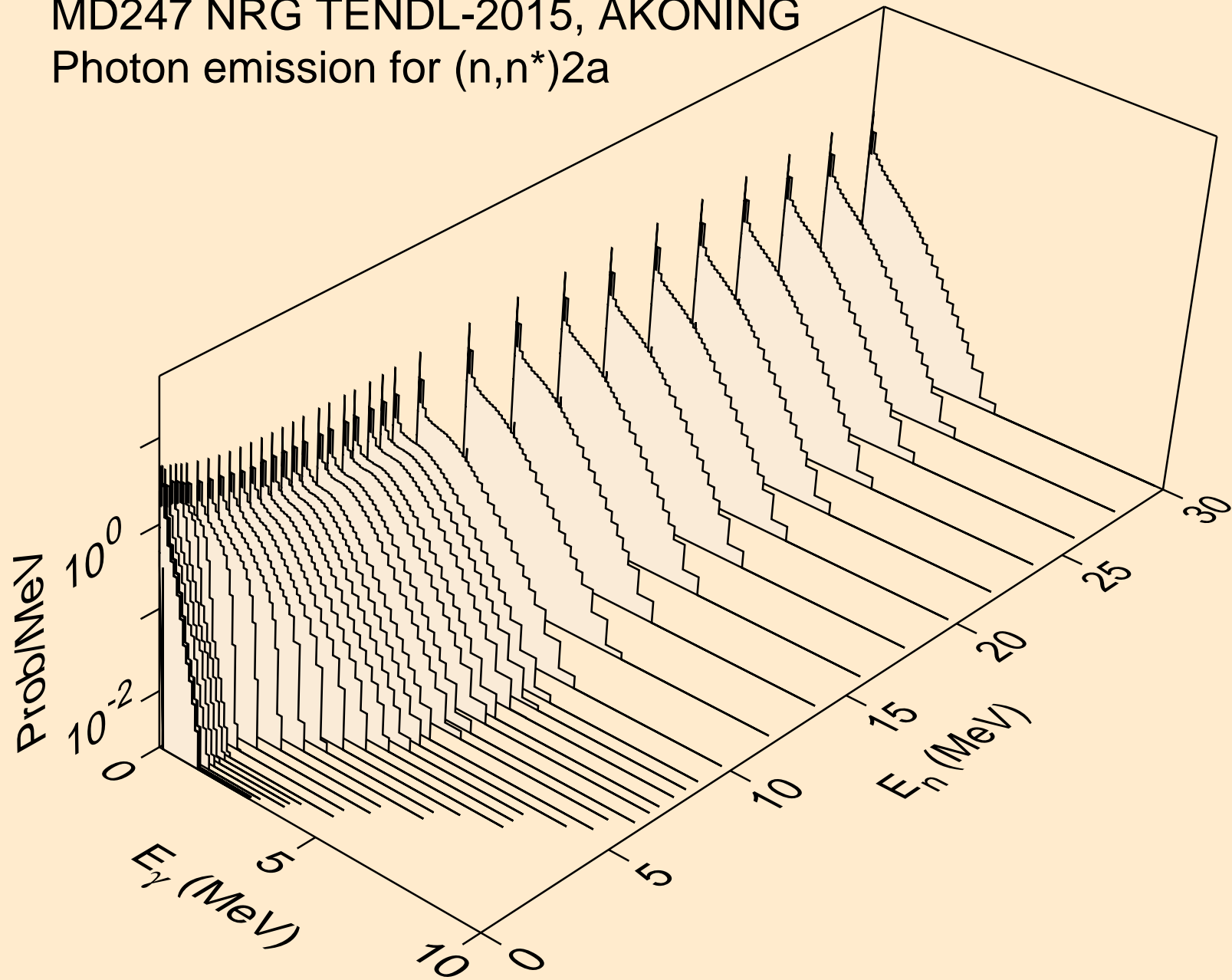
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



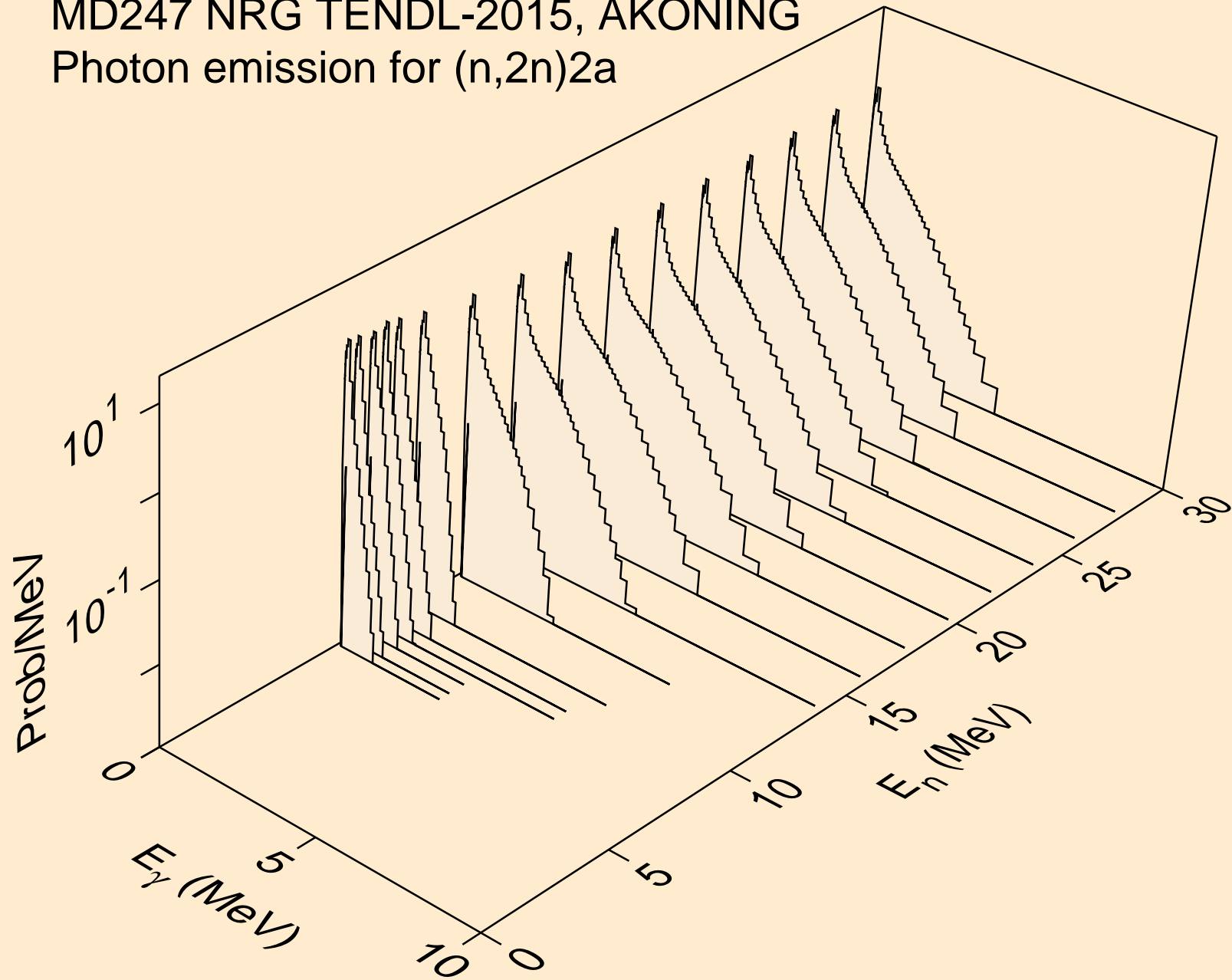
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



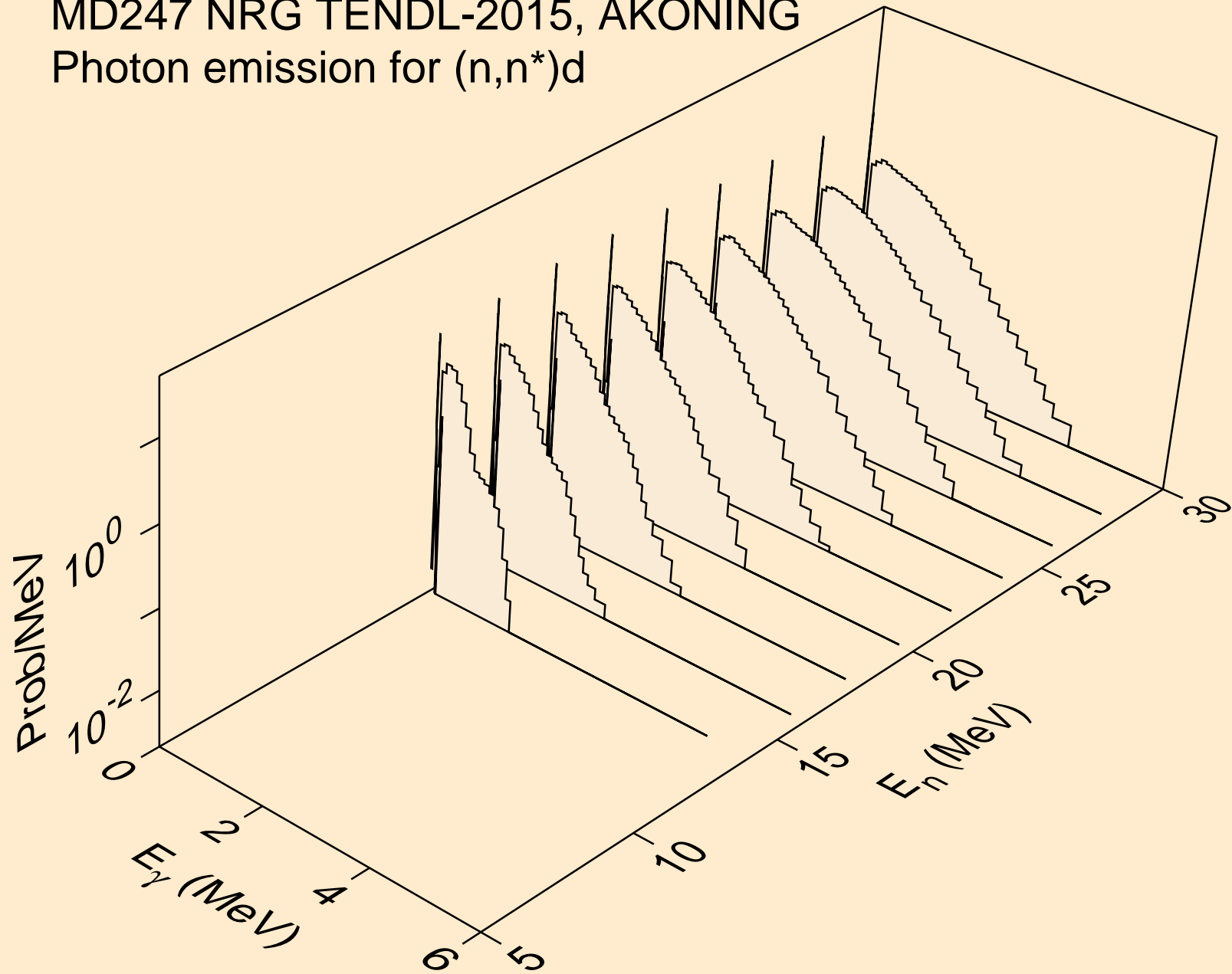
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

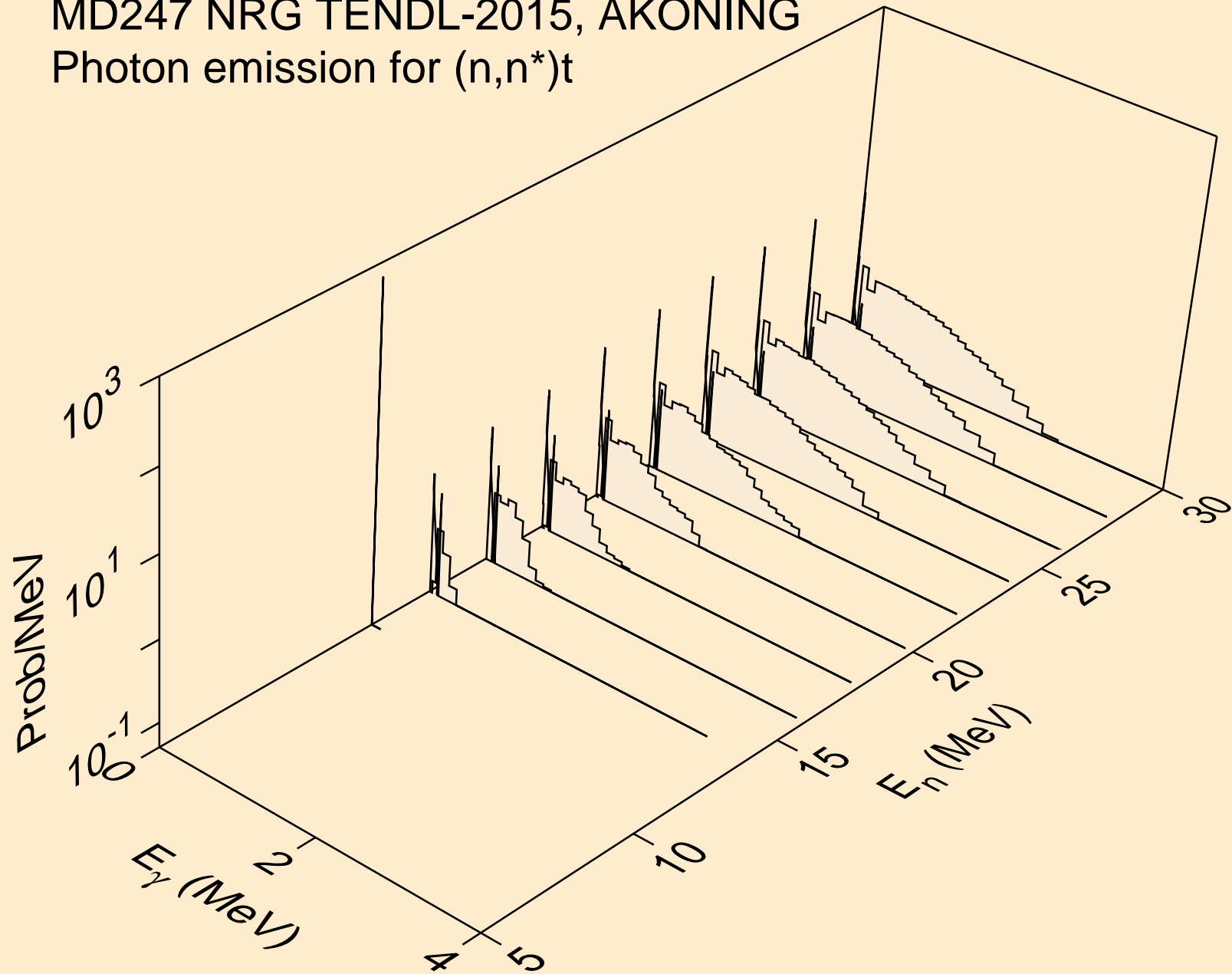


MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

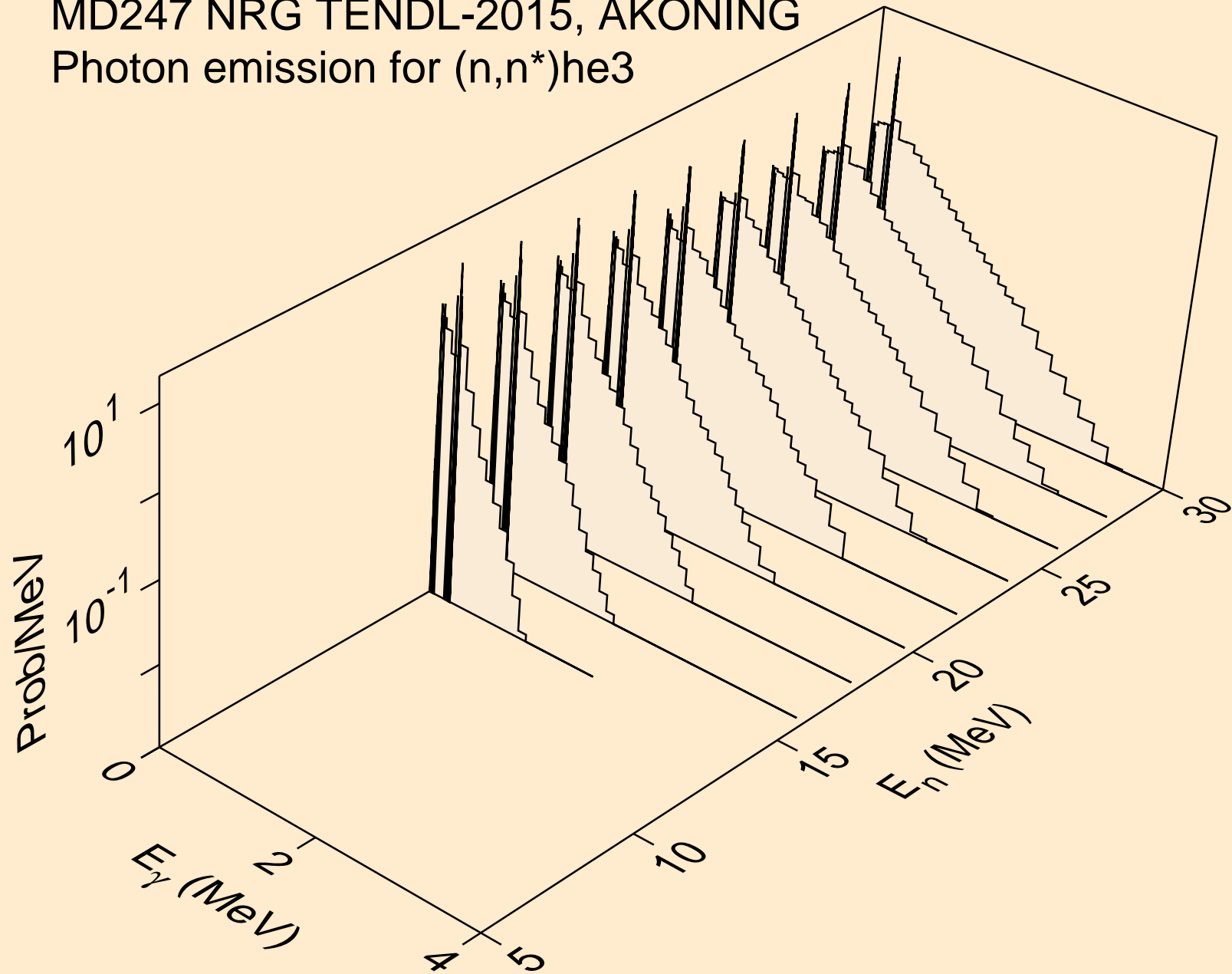




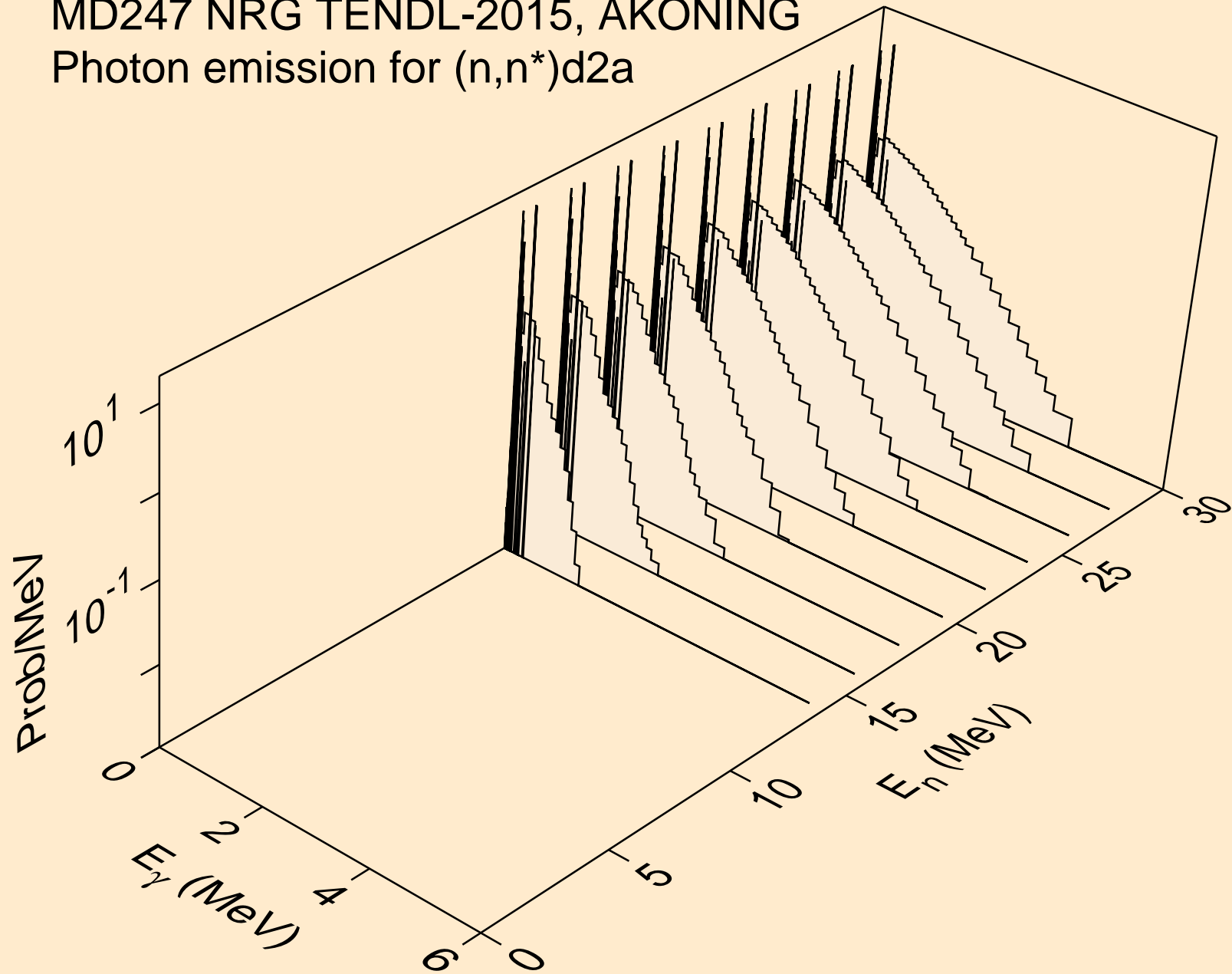
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



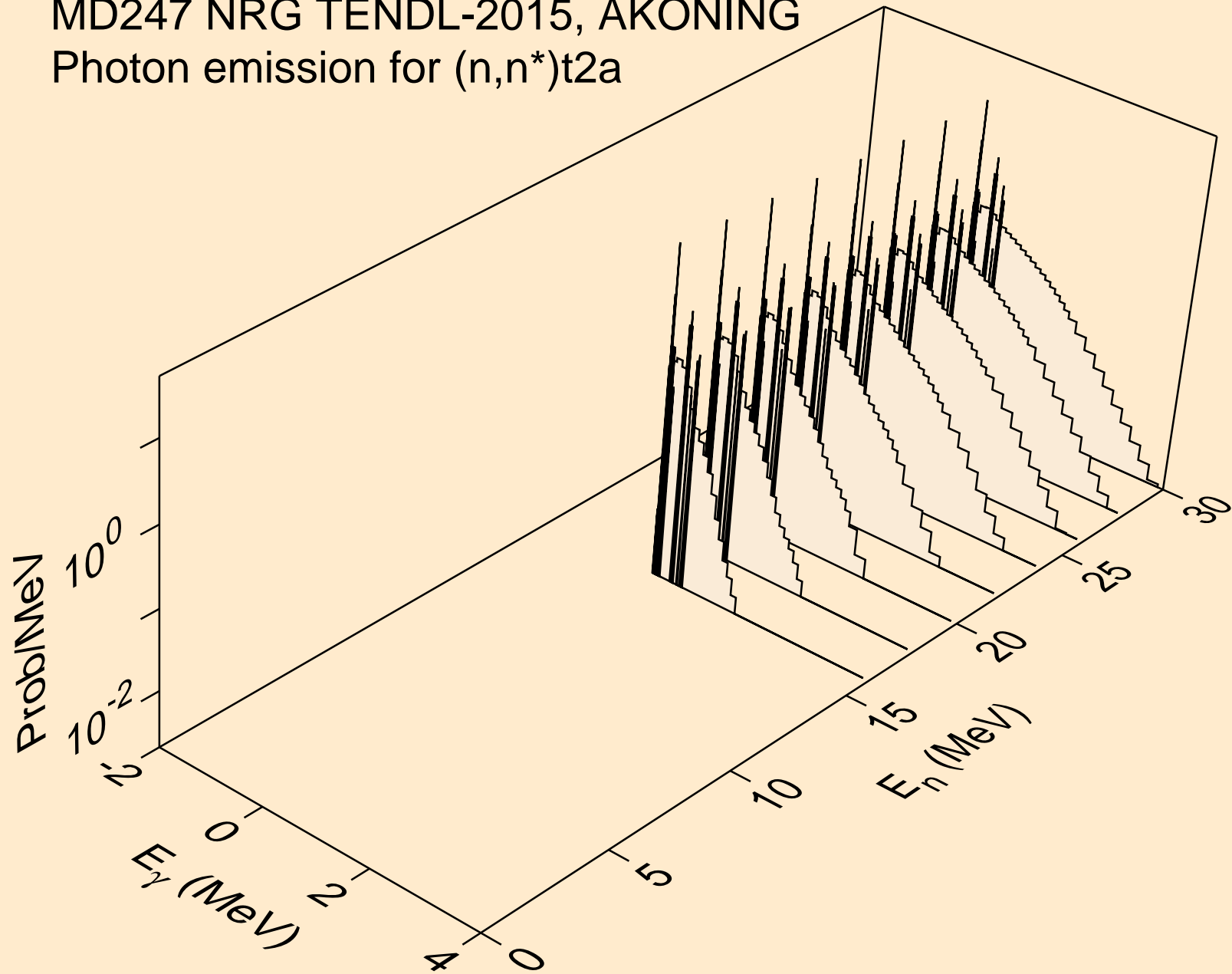
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



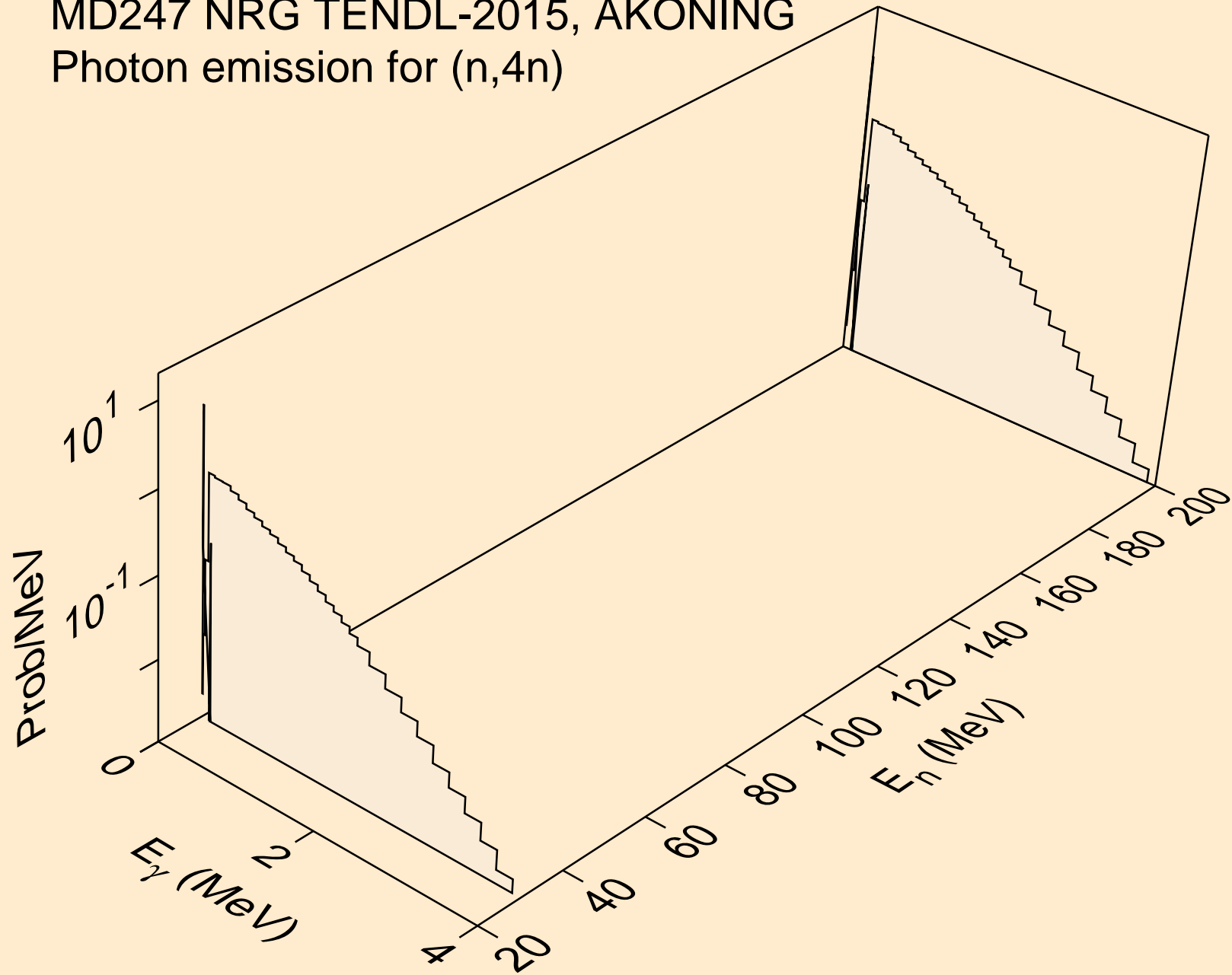
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



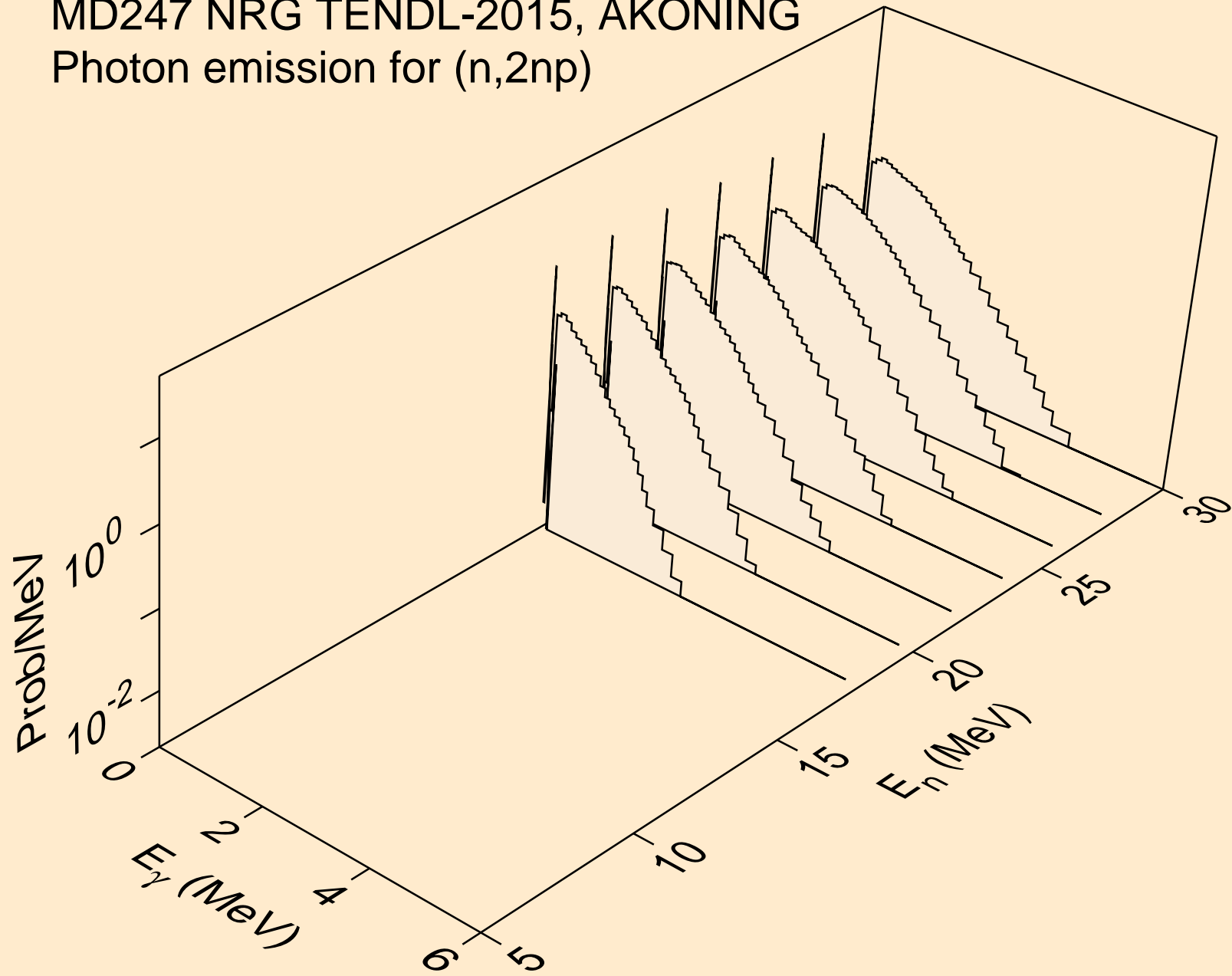
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



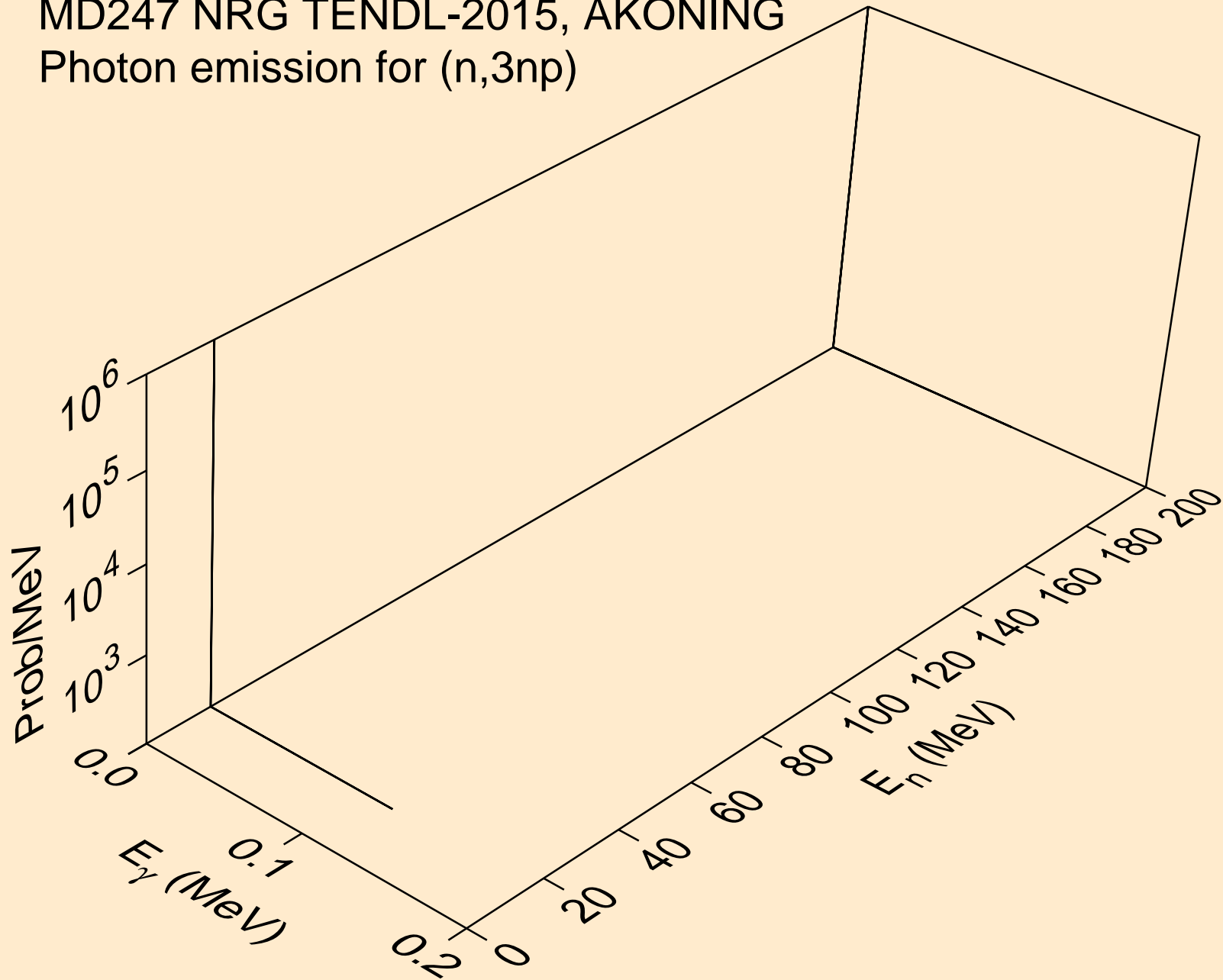
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



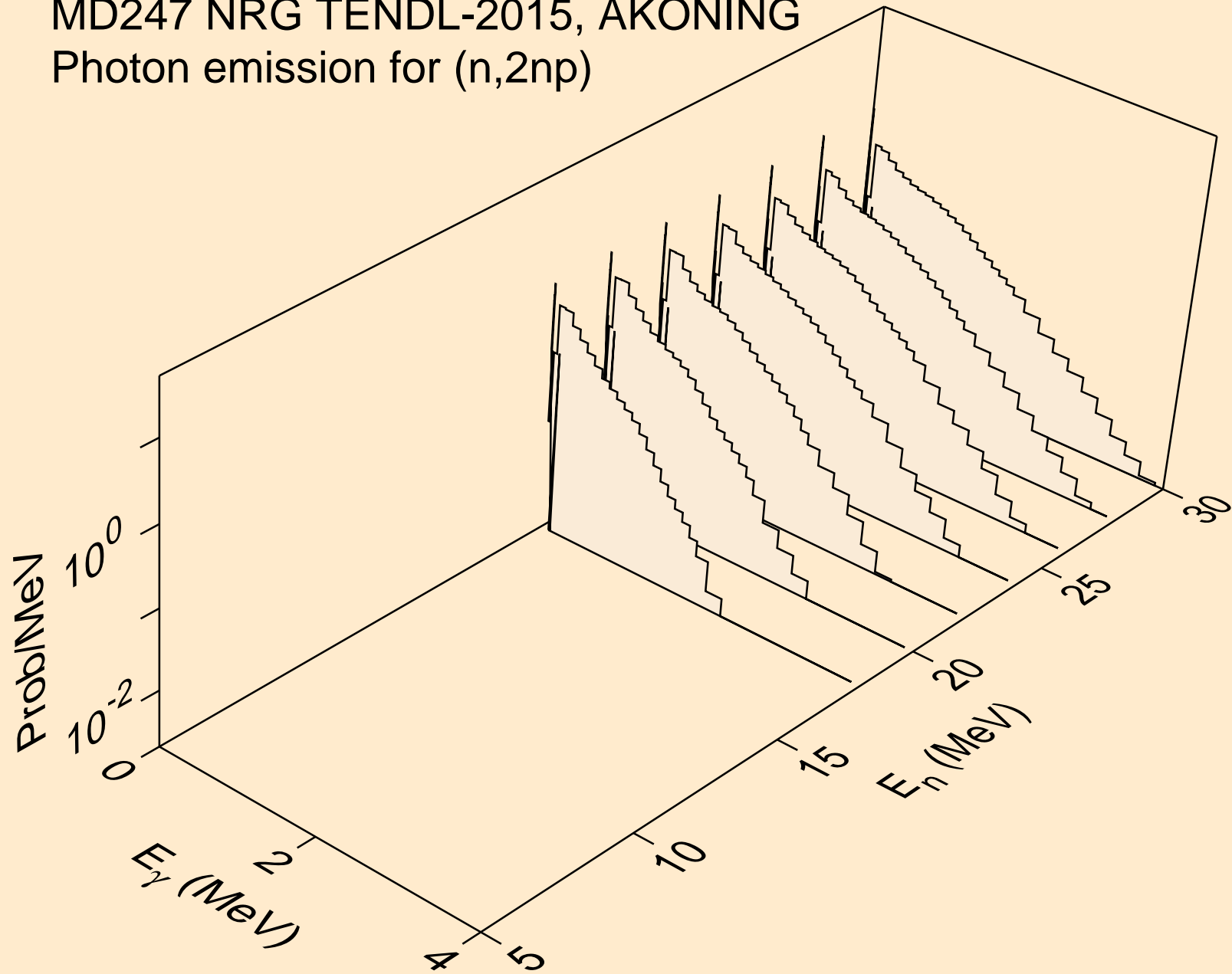
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

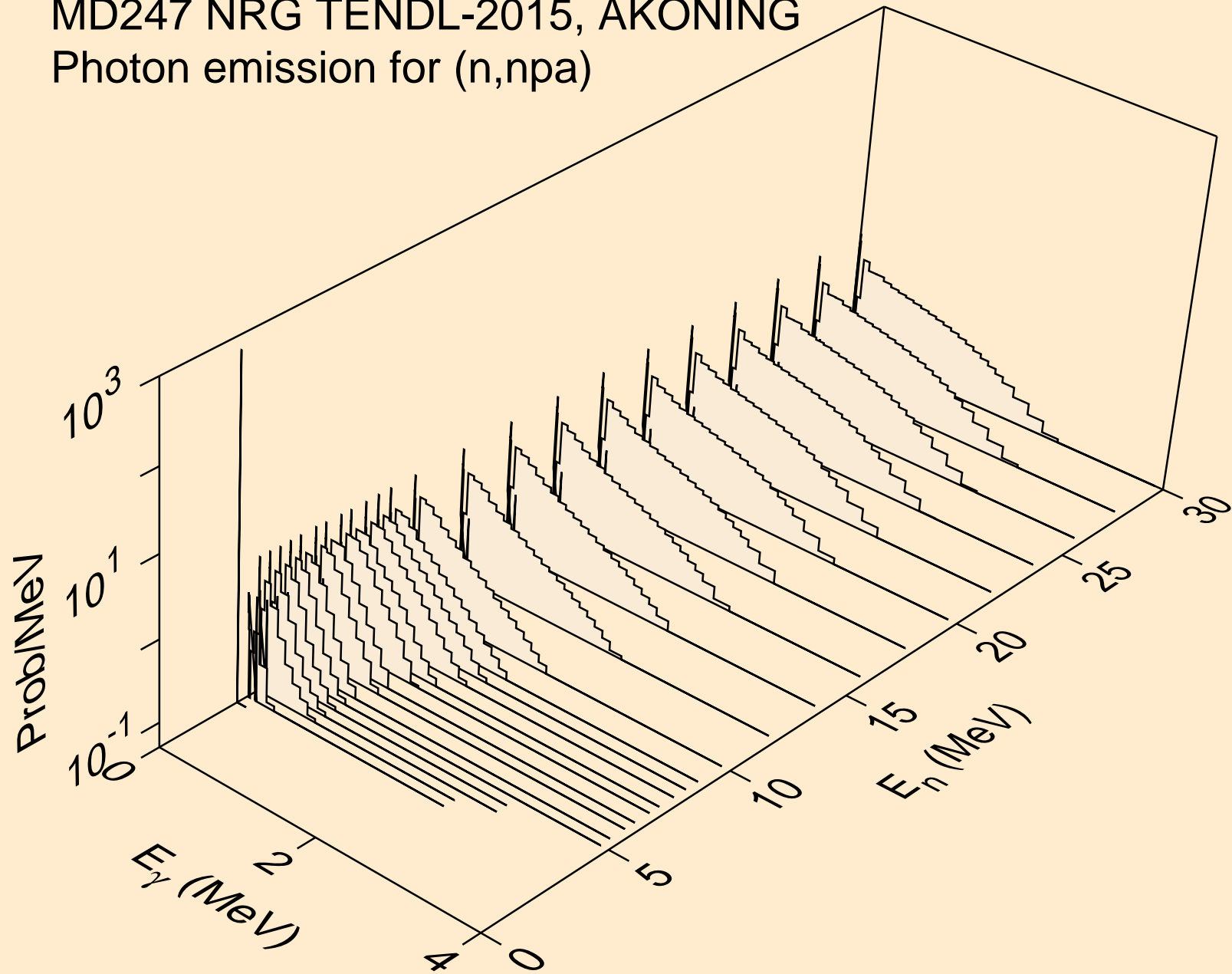


MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

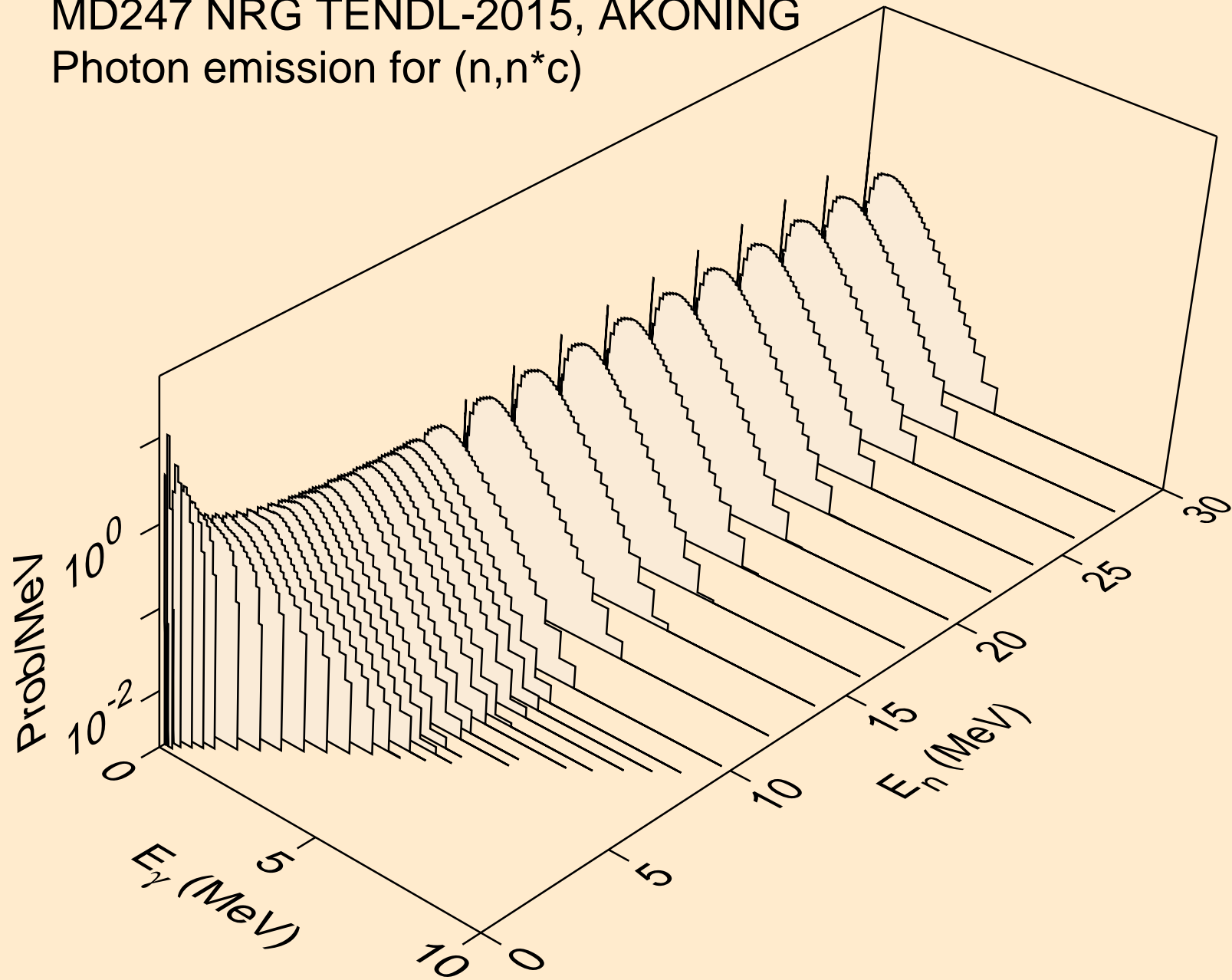




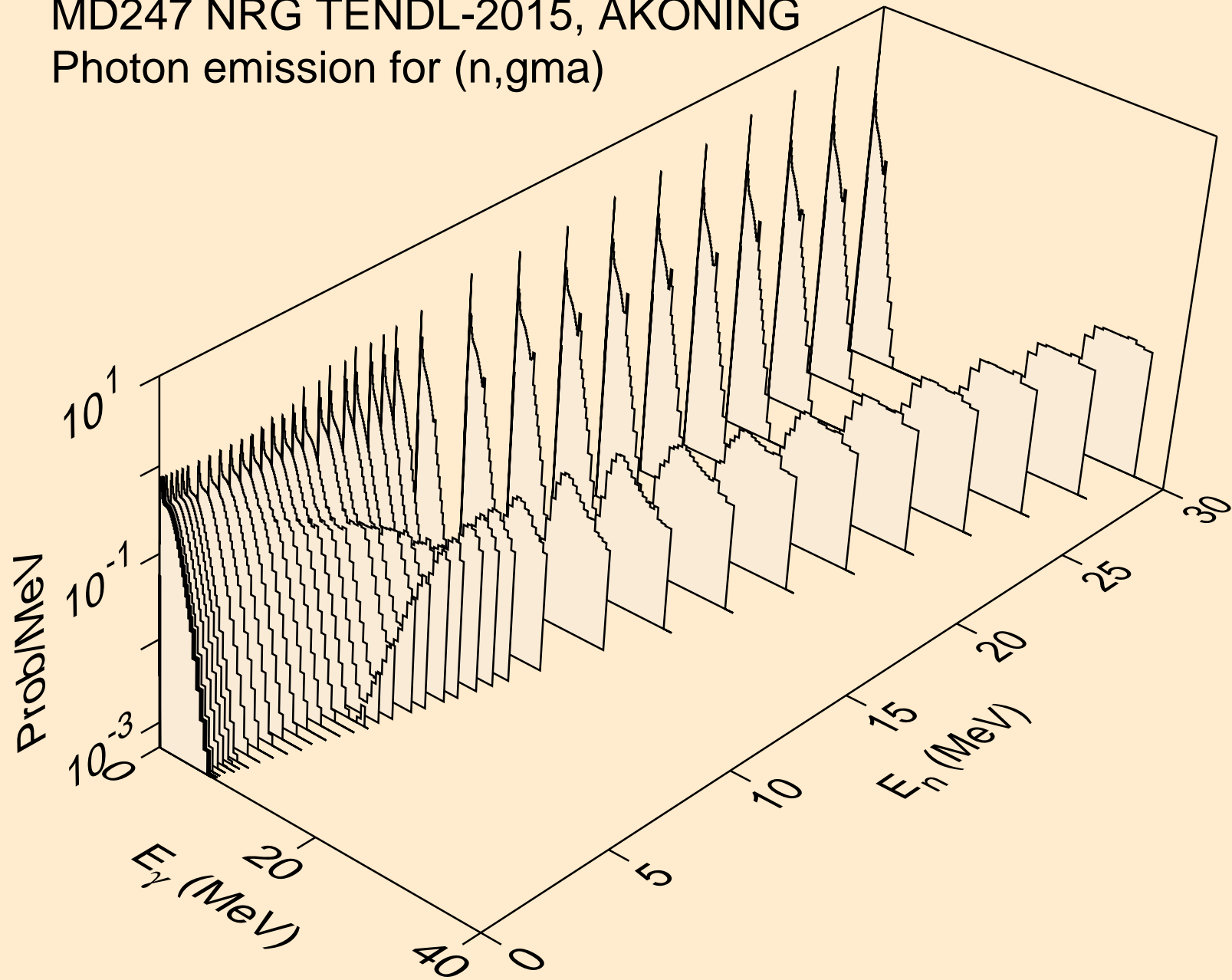
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



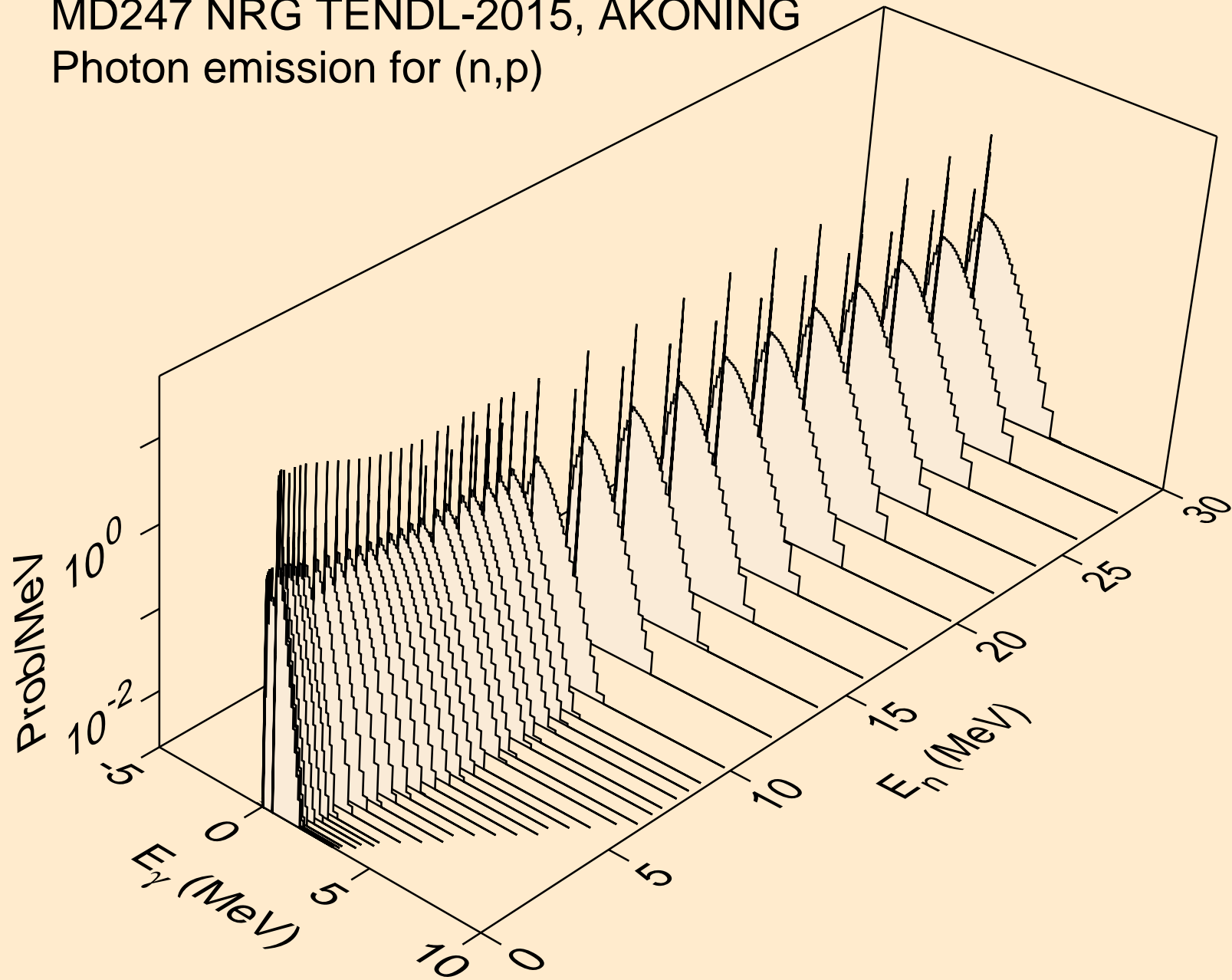
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



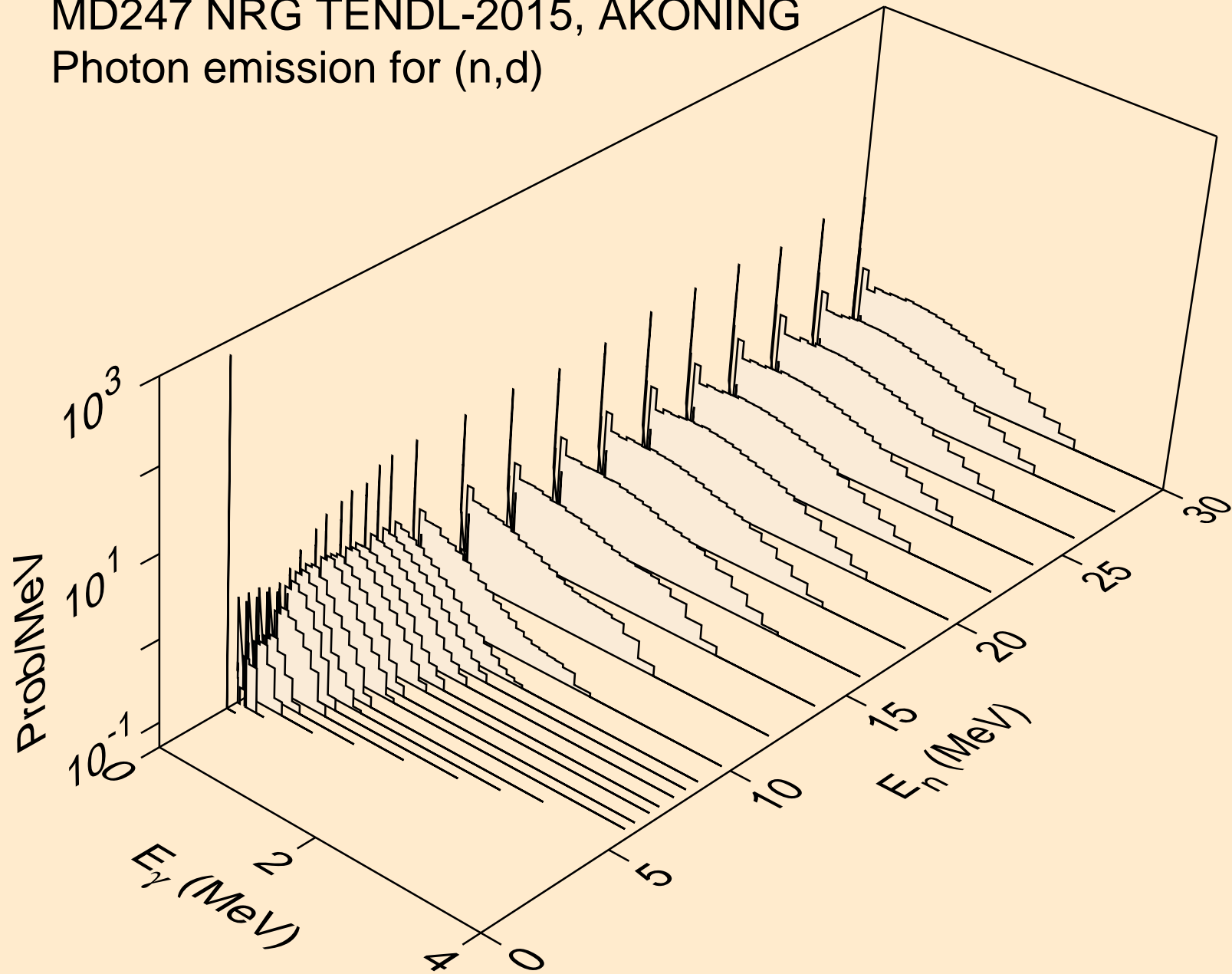
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



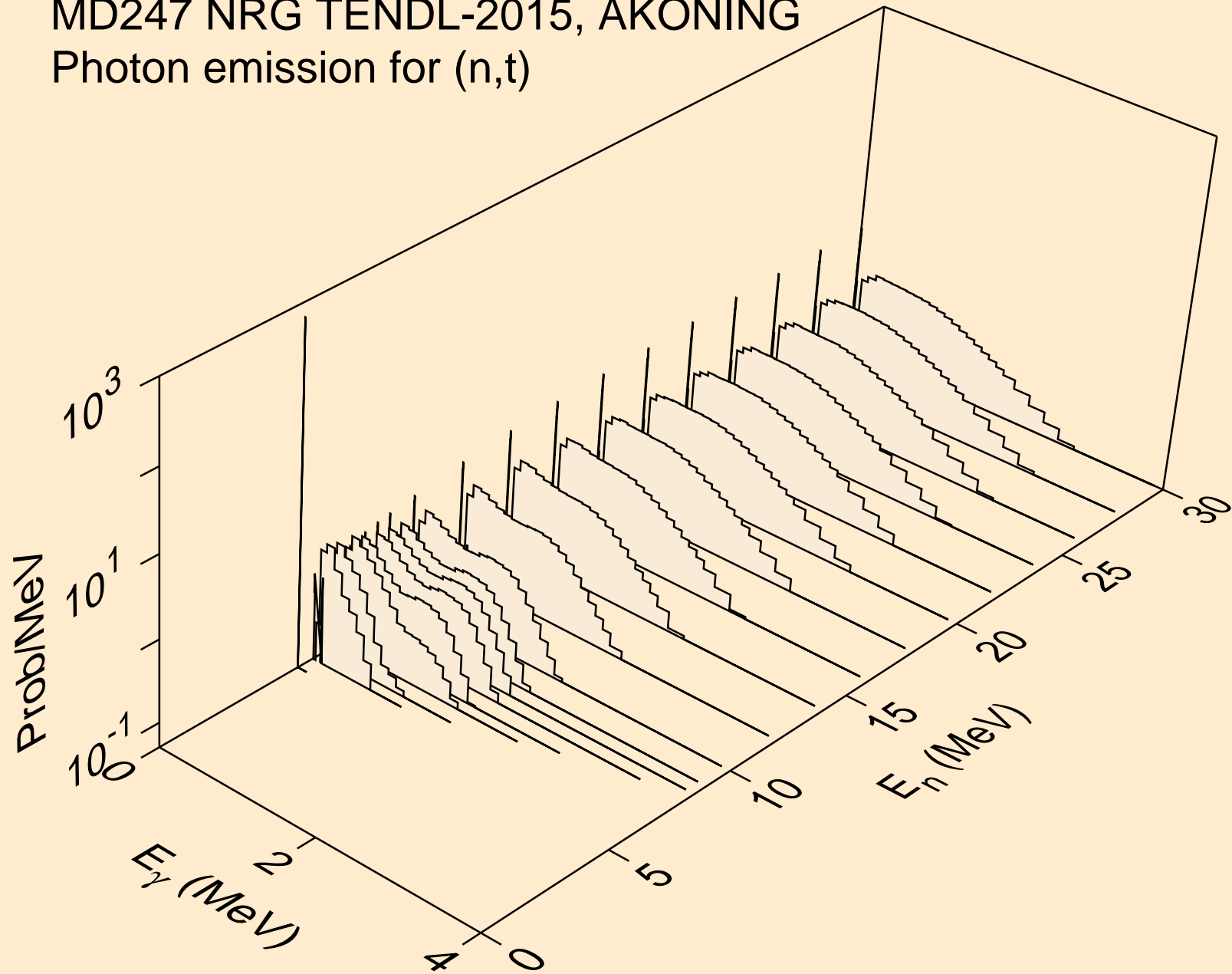
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



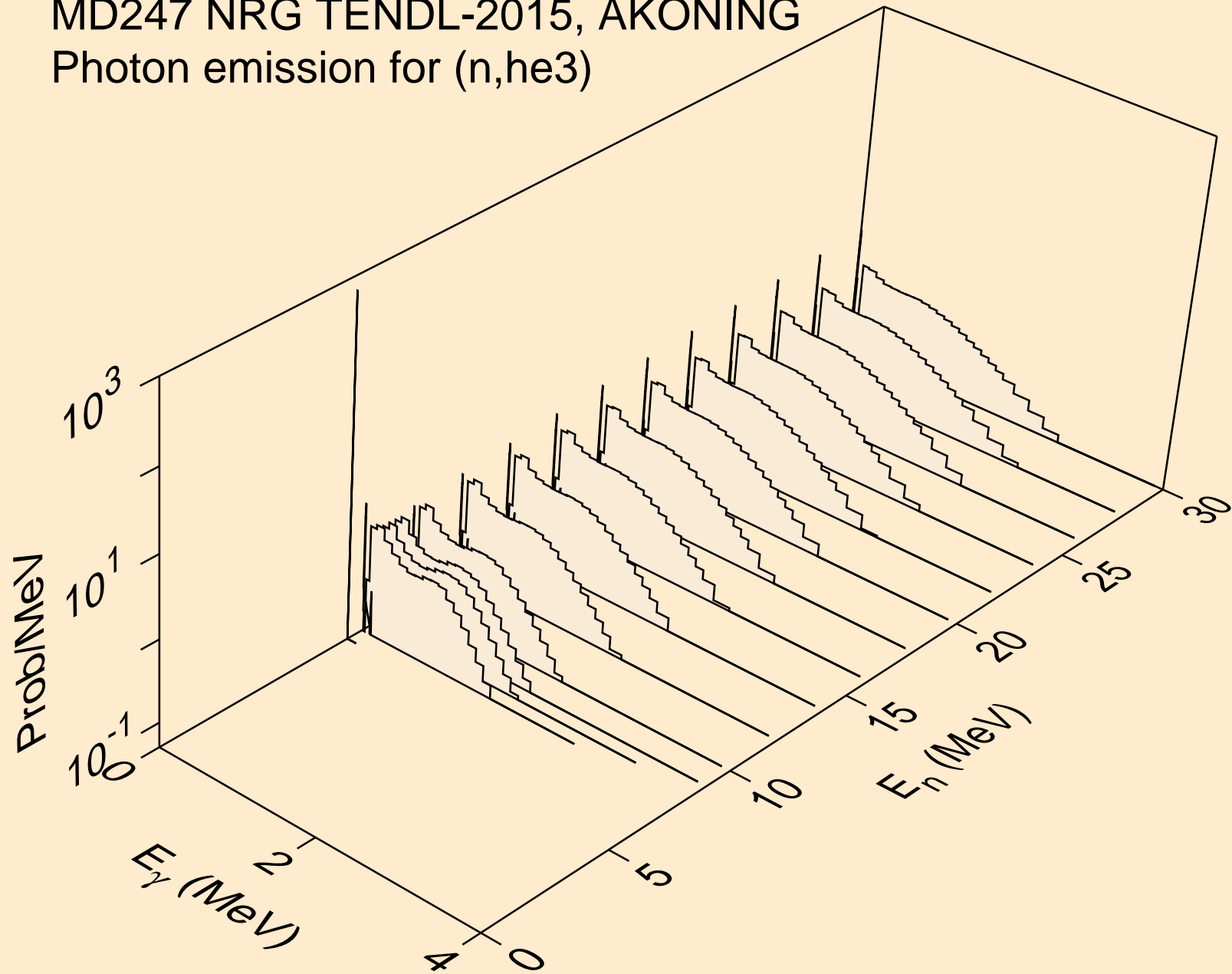
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



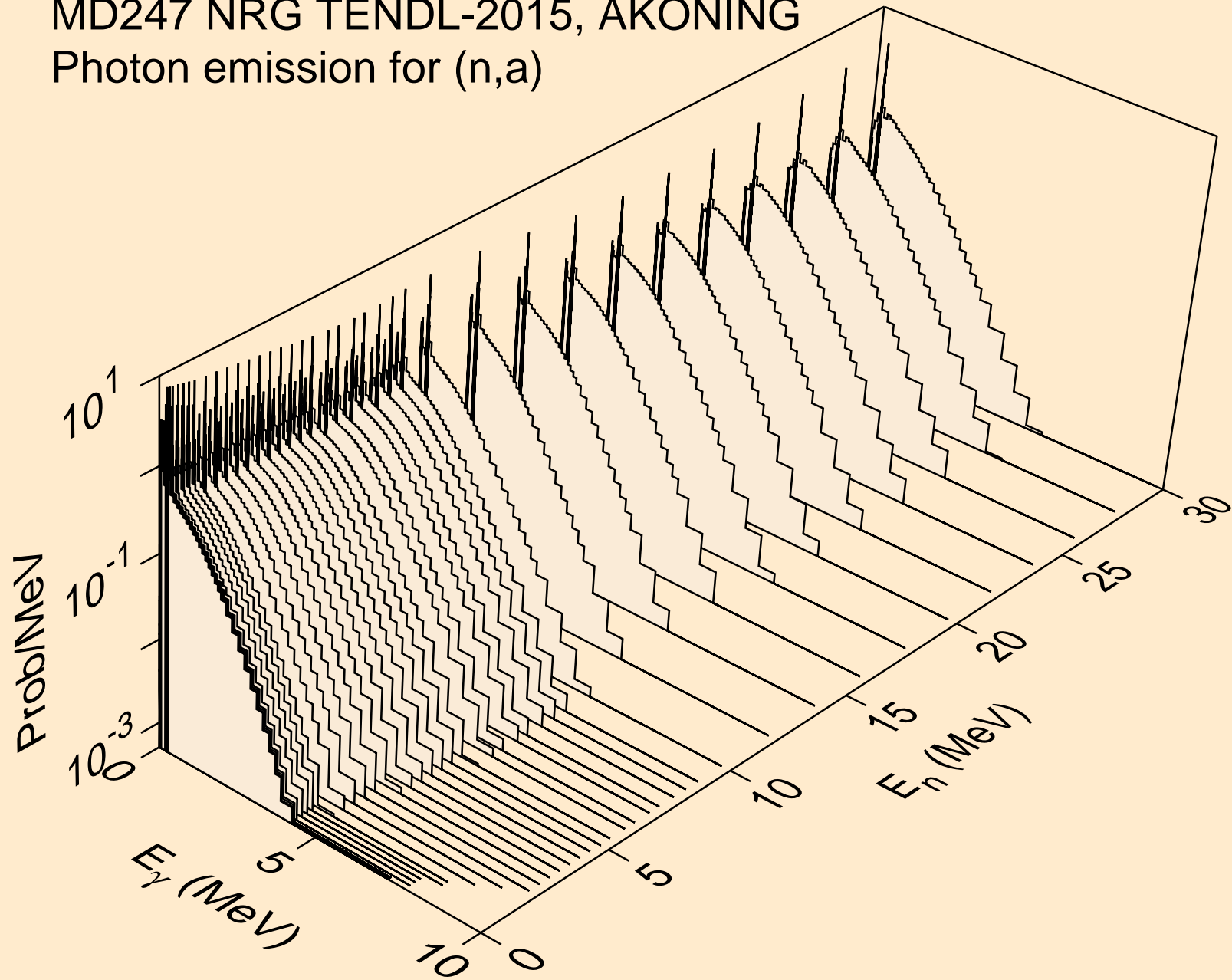
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

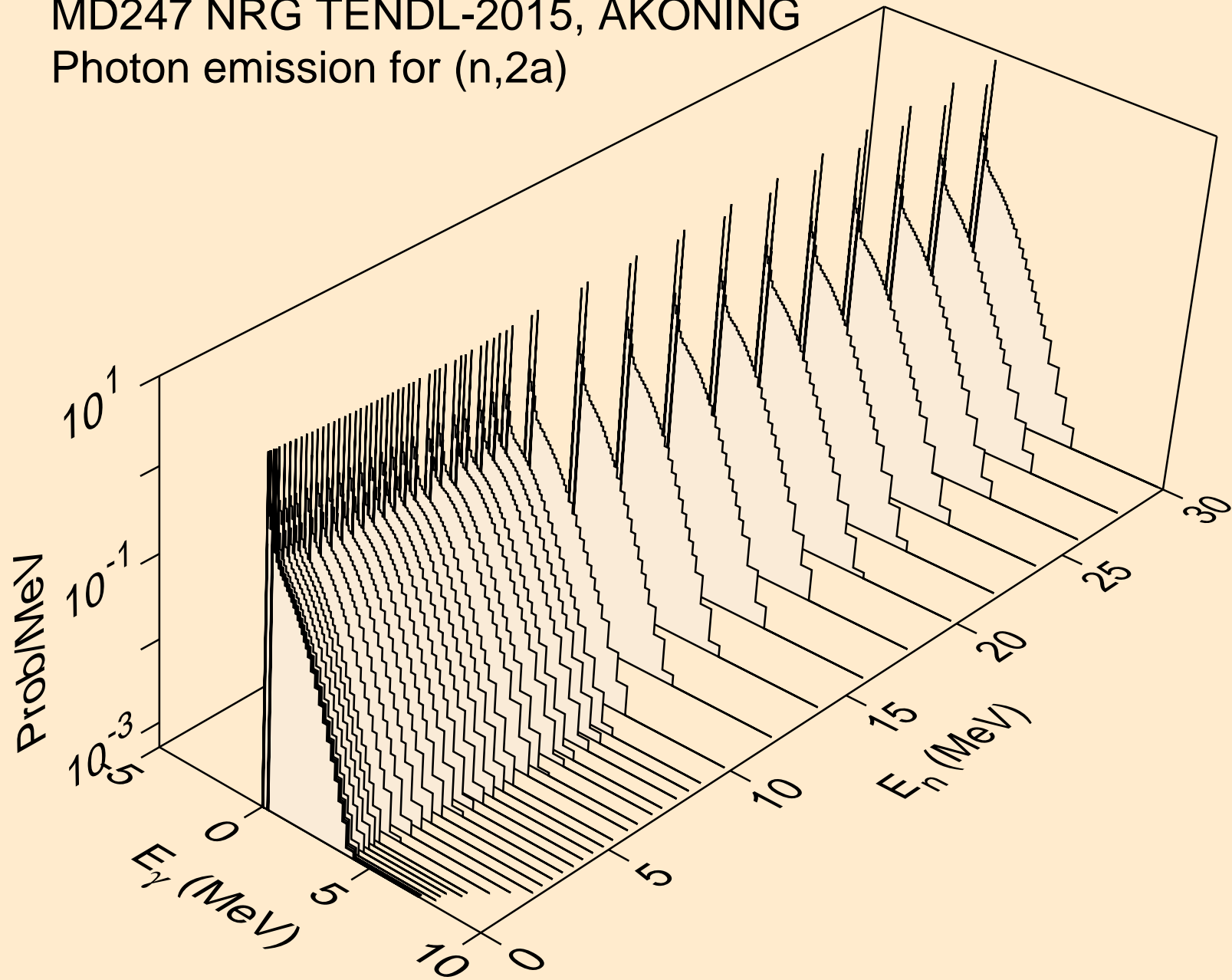


MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

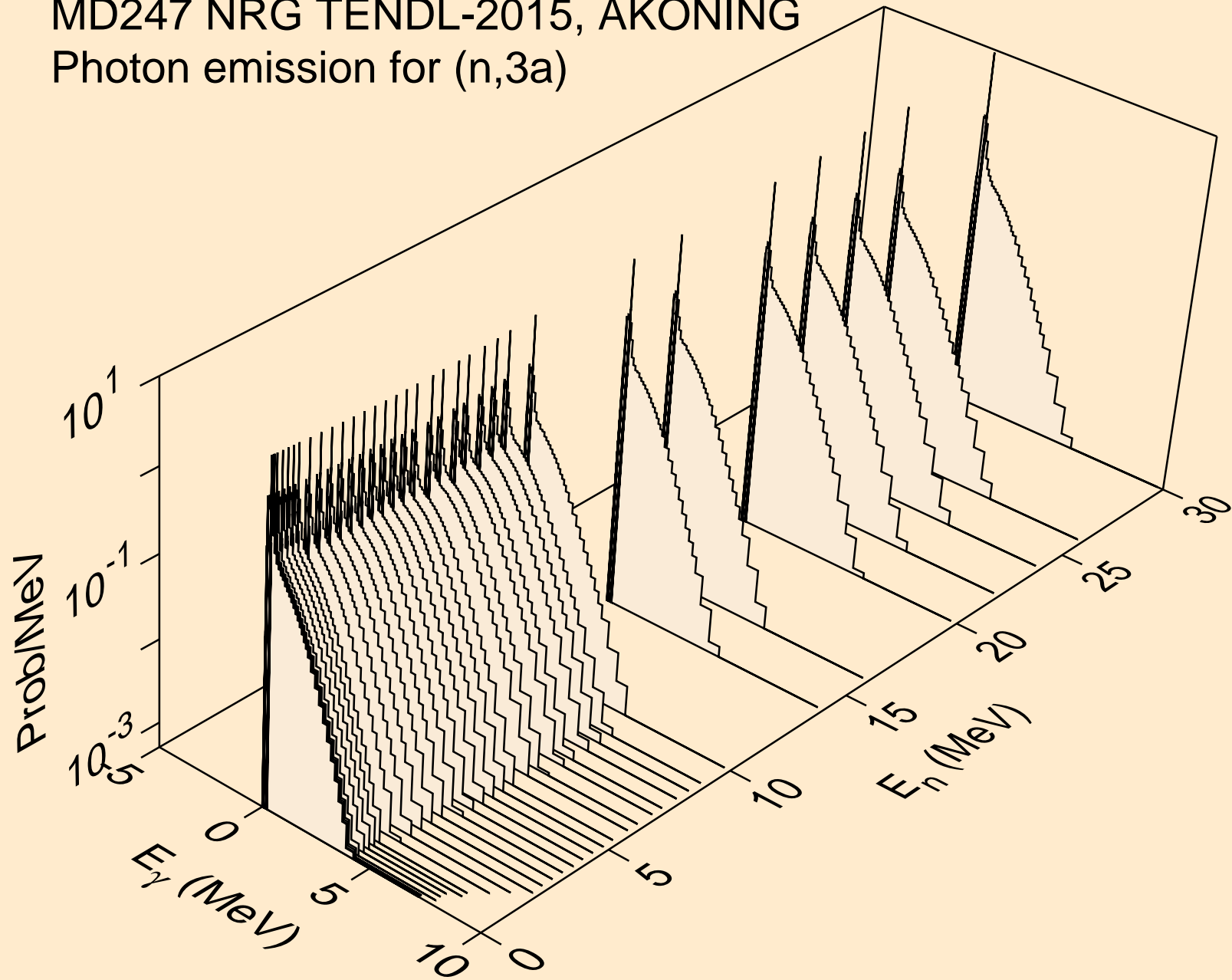




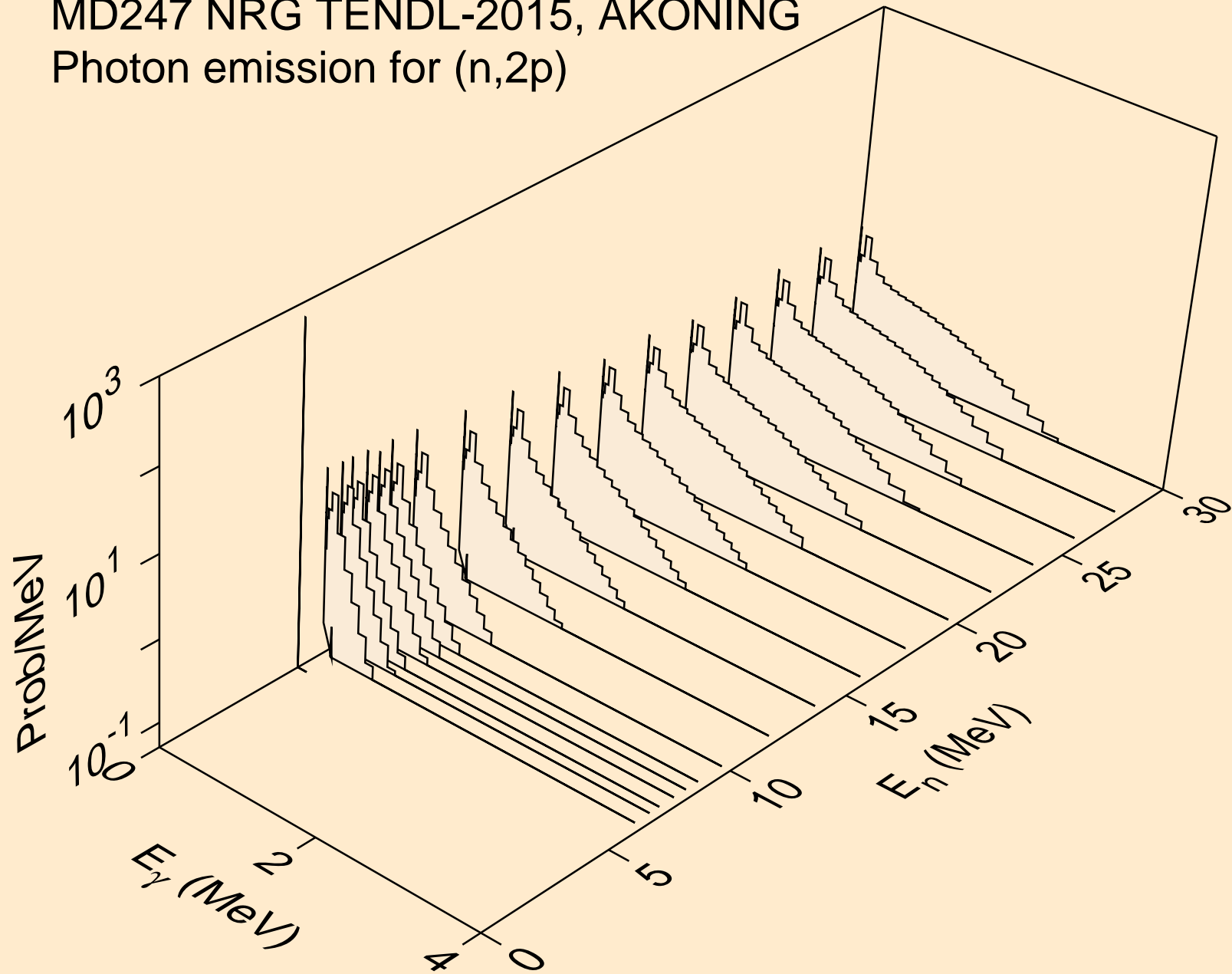
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



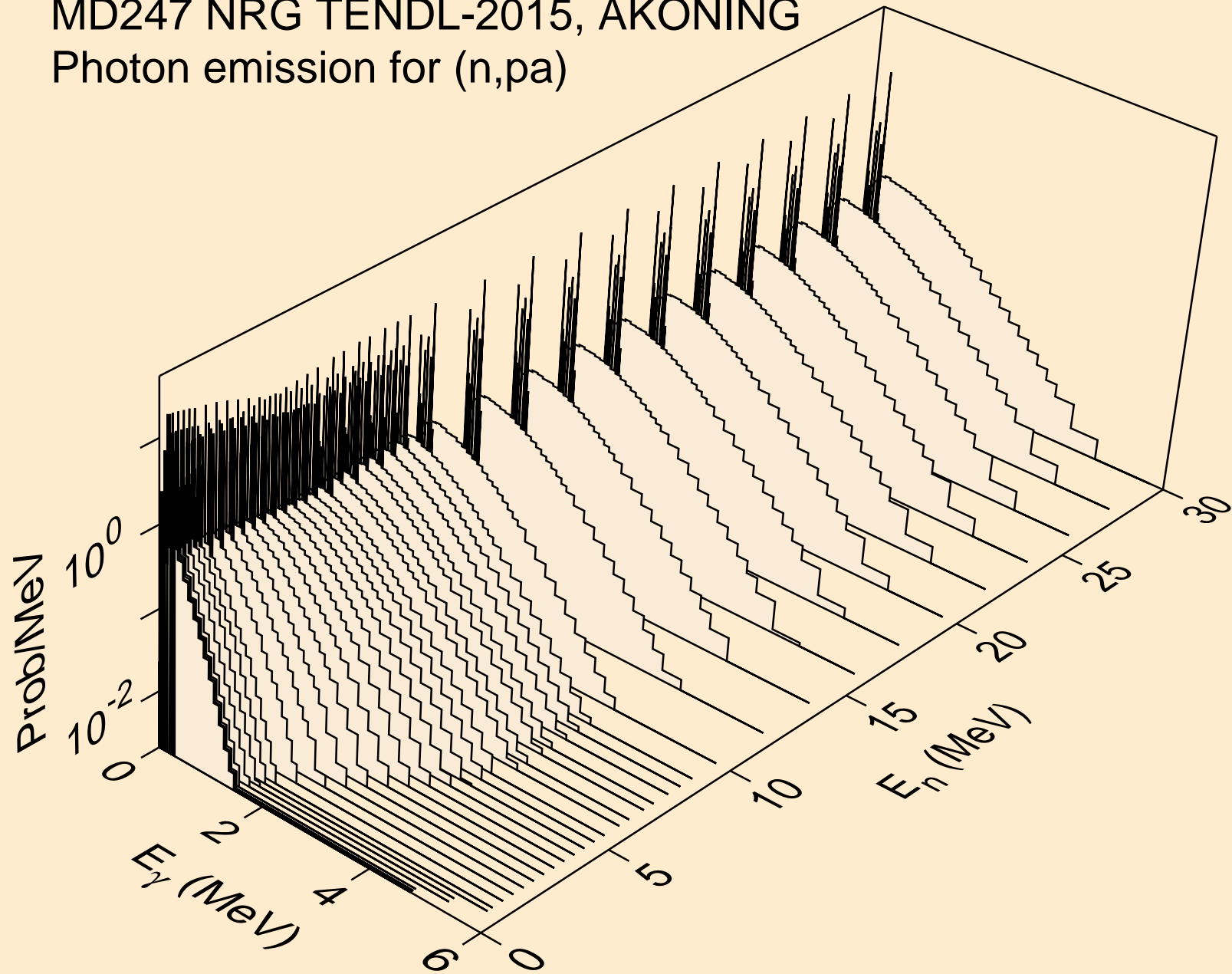
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



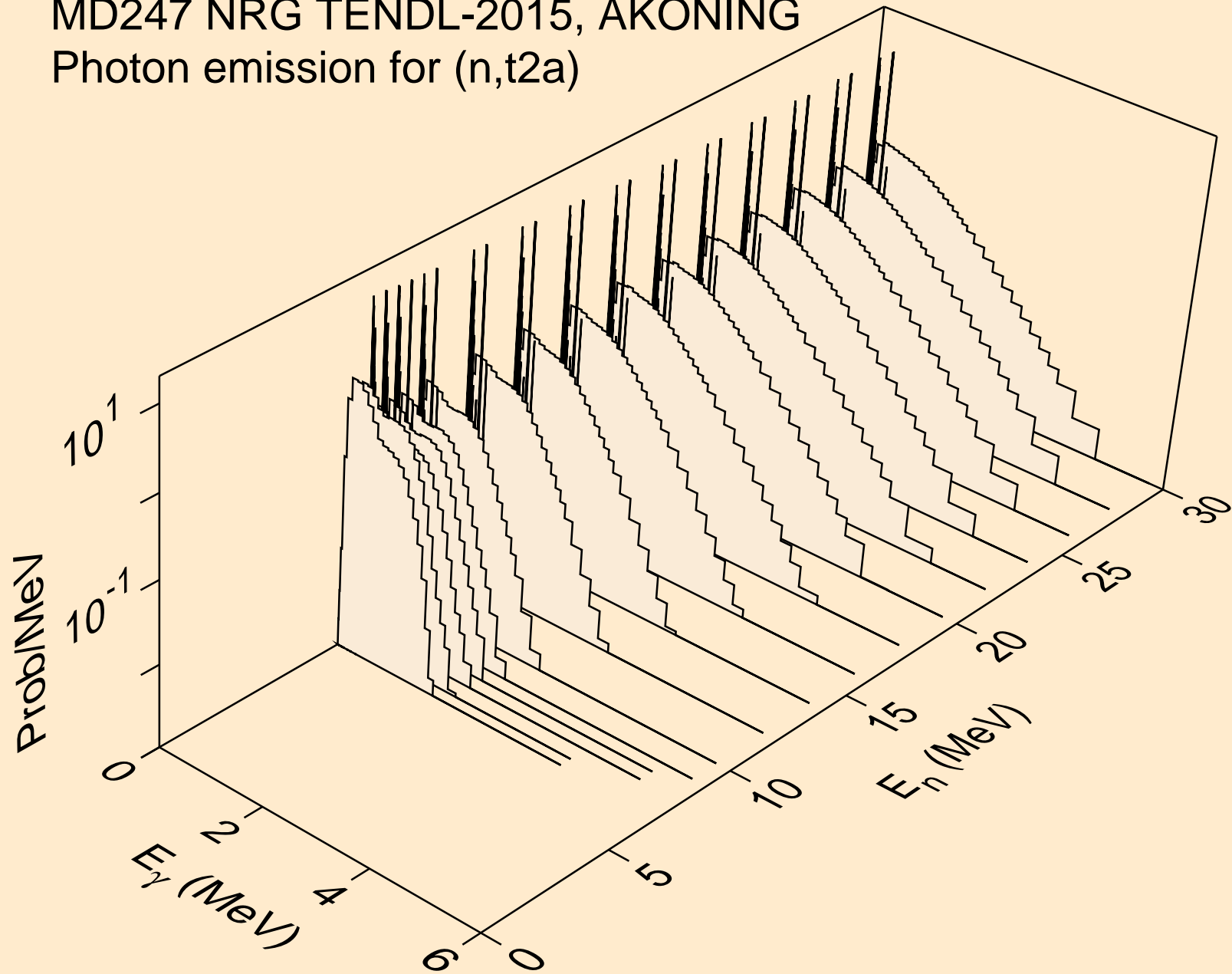
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



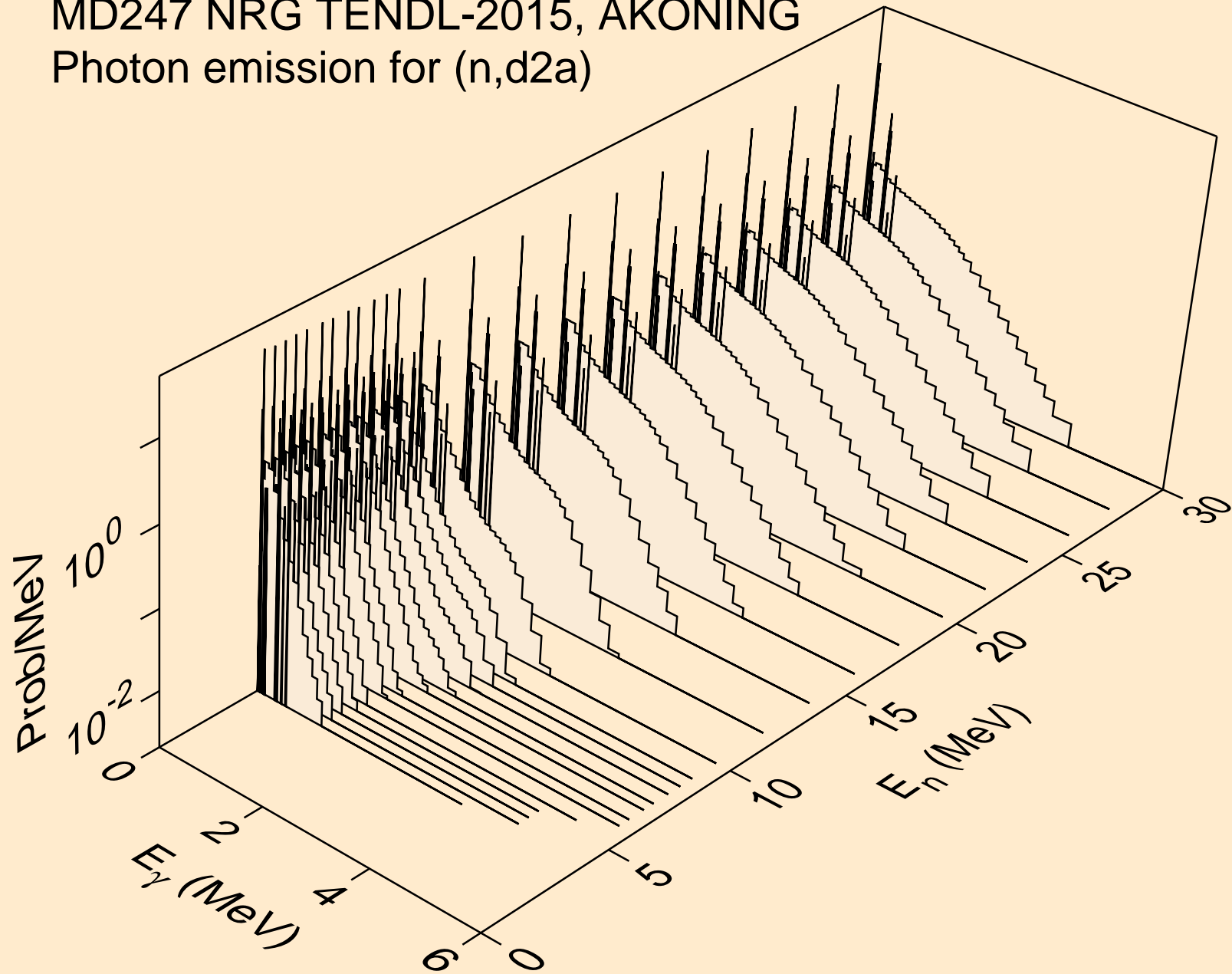
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



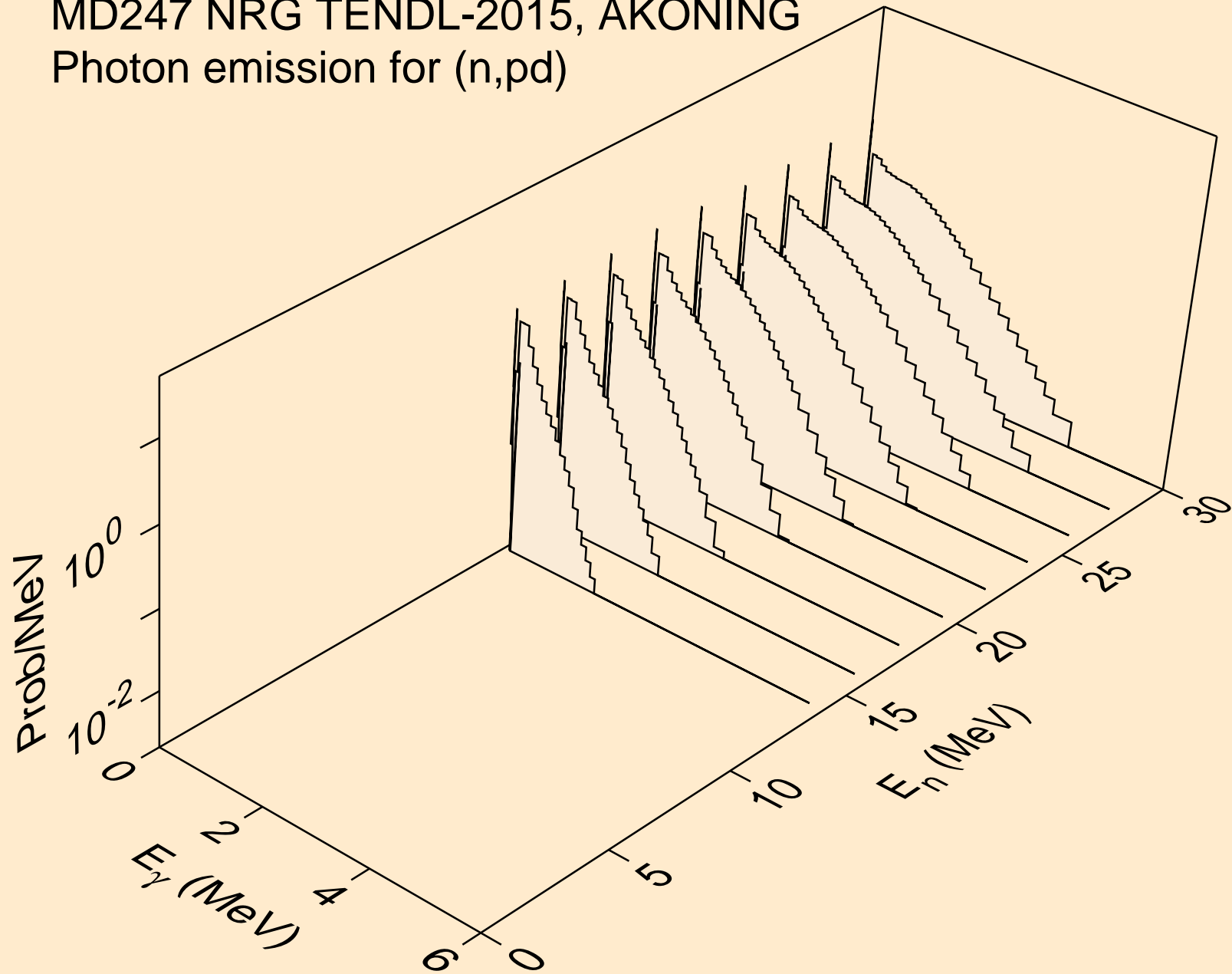
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



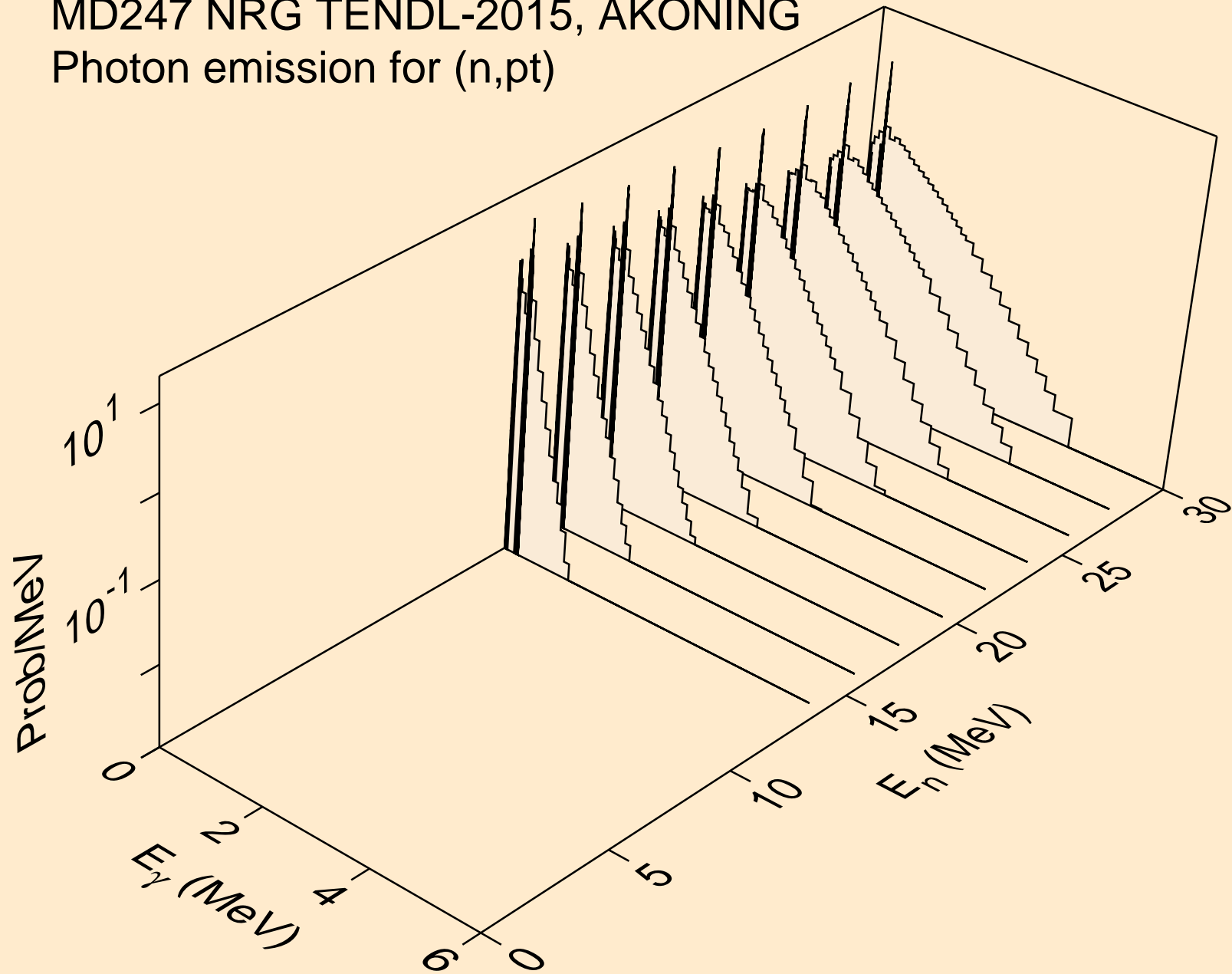
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

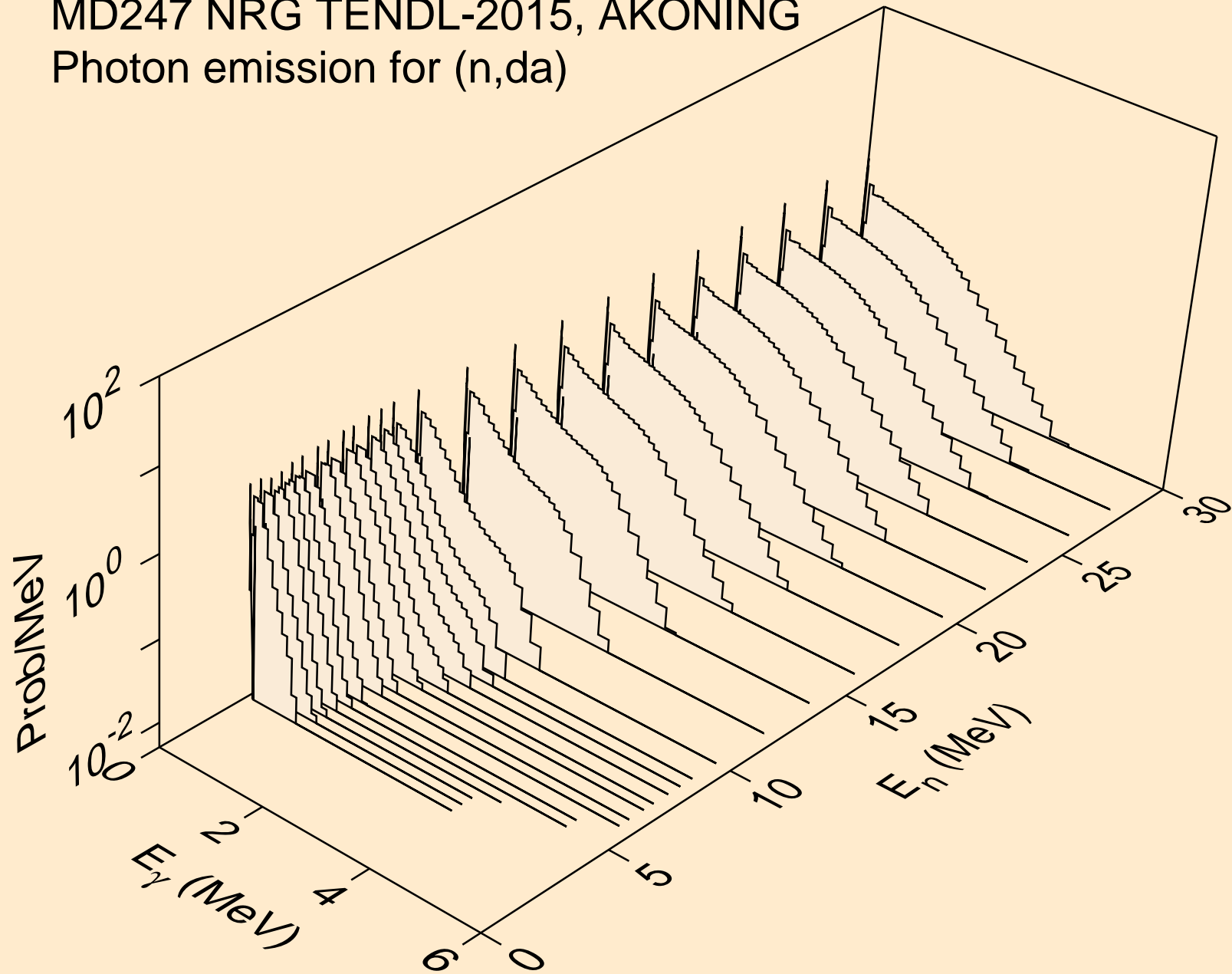


MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

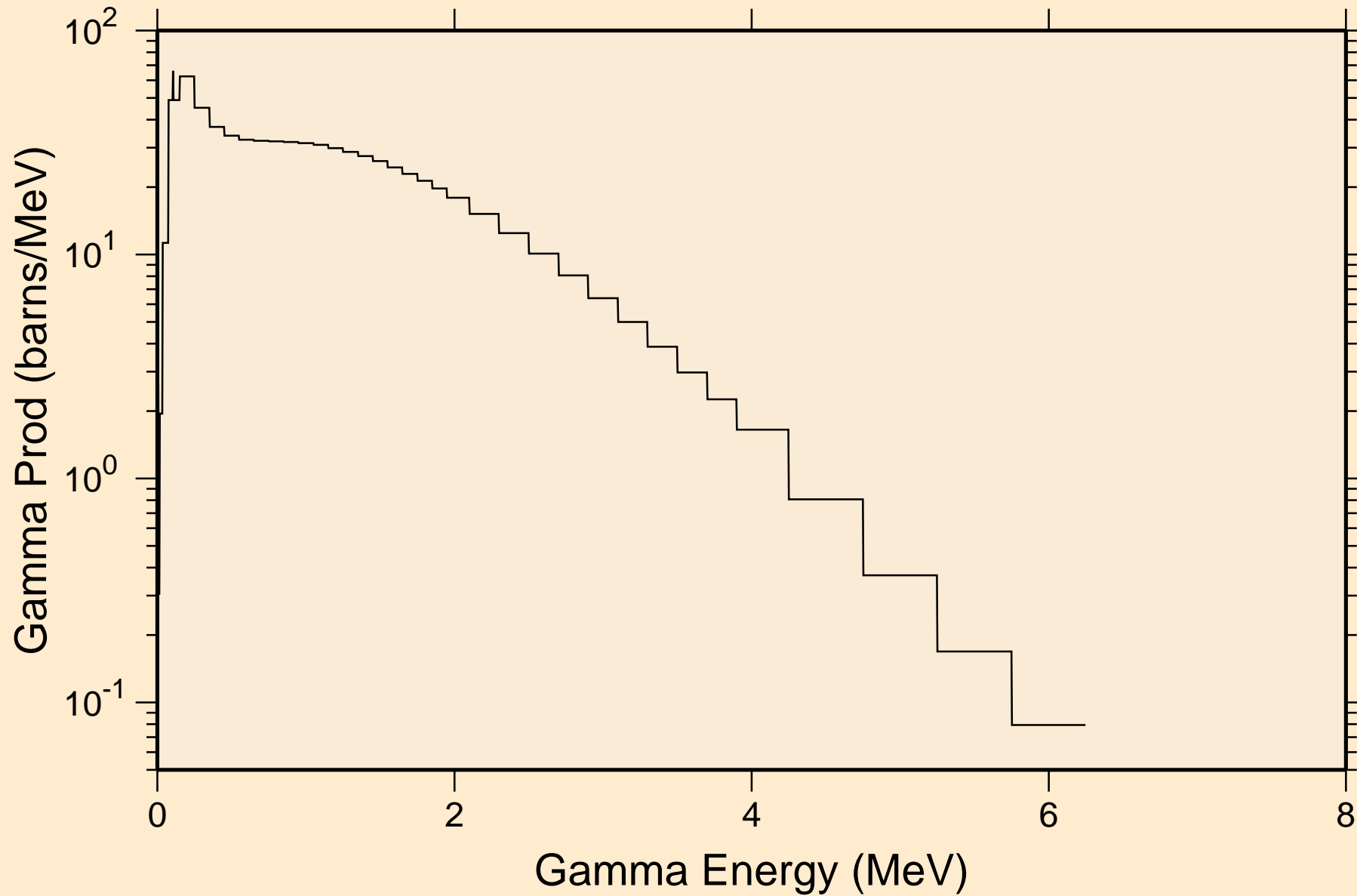




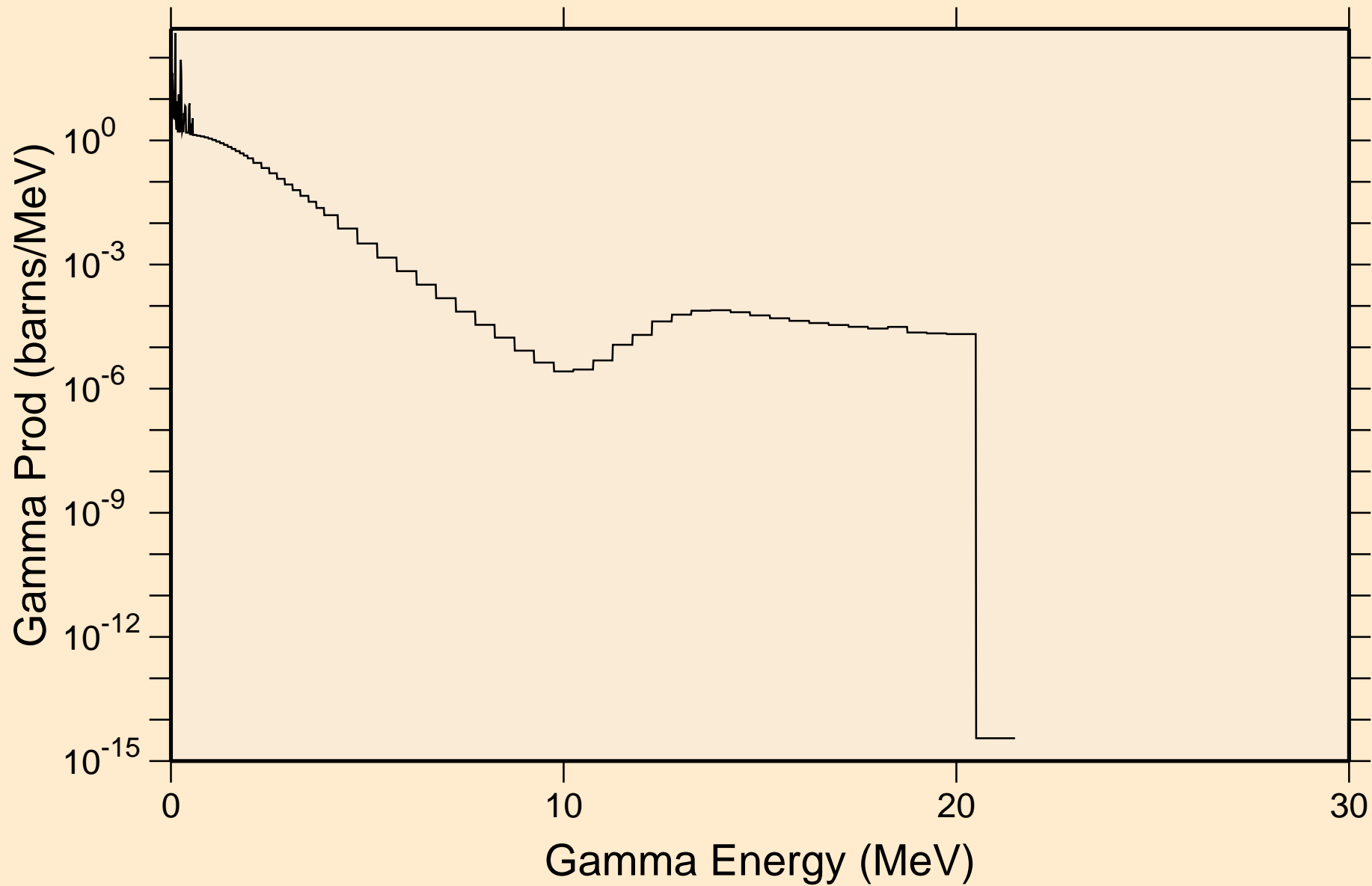
MD247 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



MD247 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

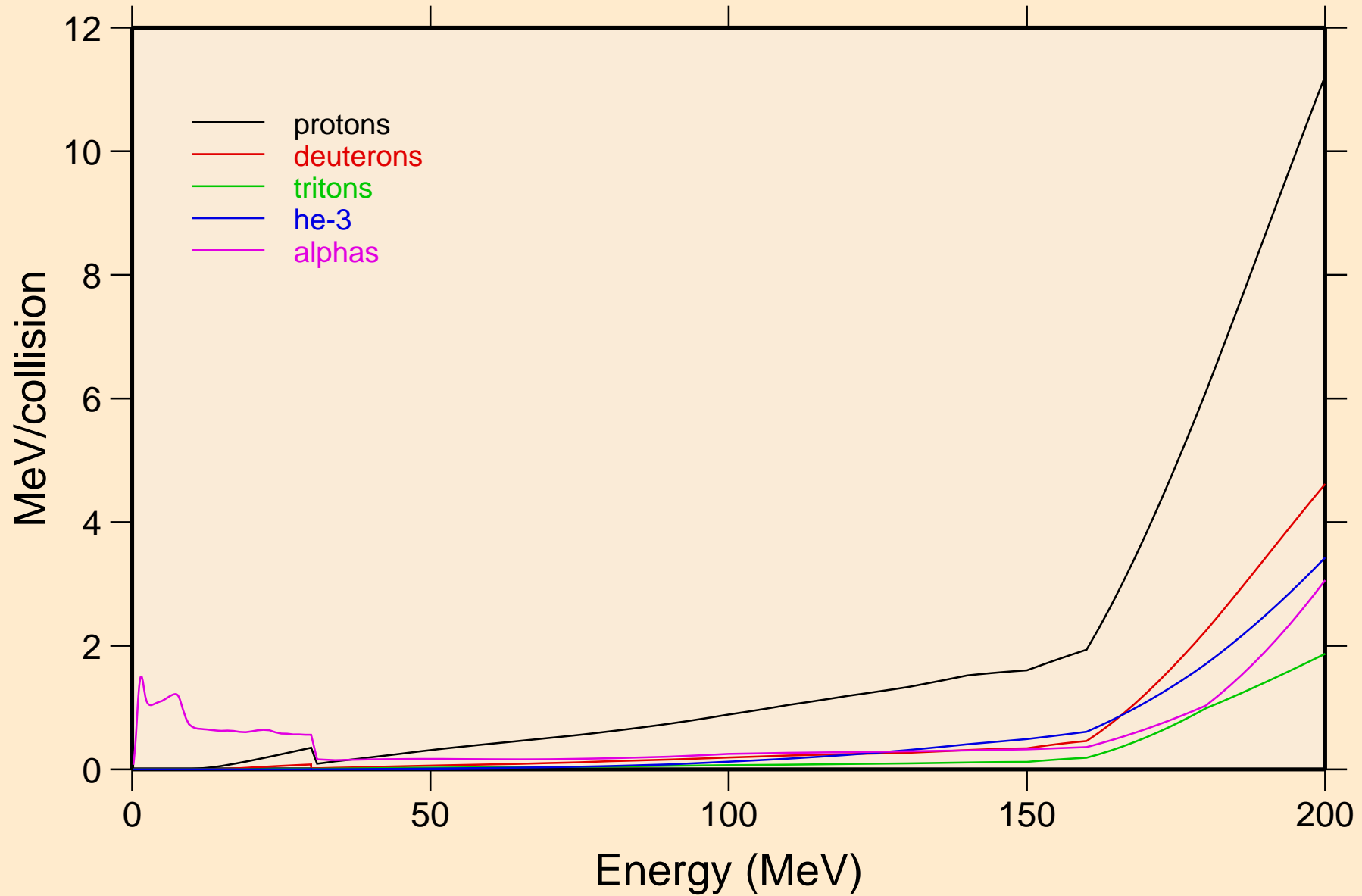


MD247 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



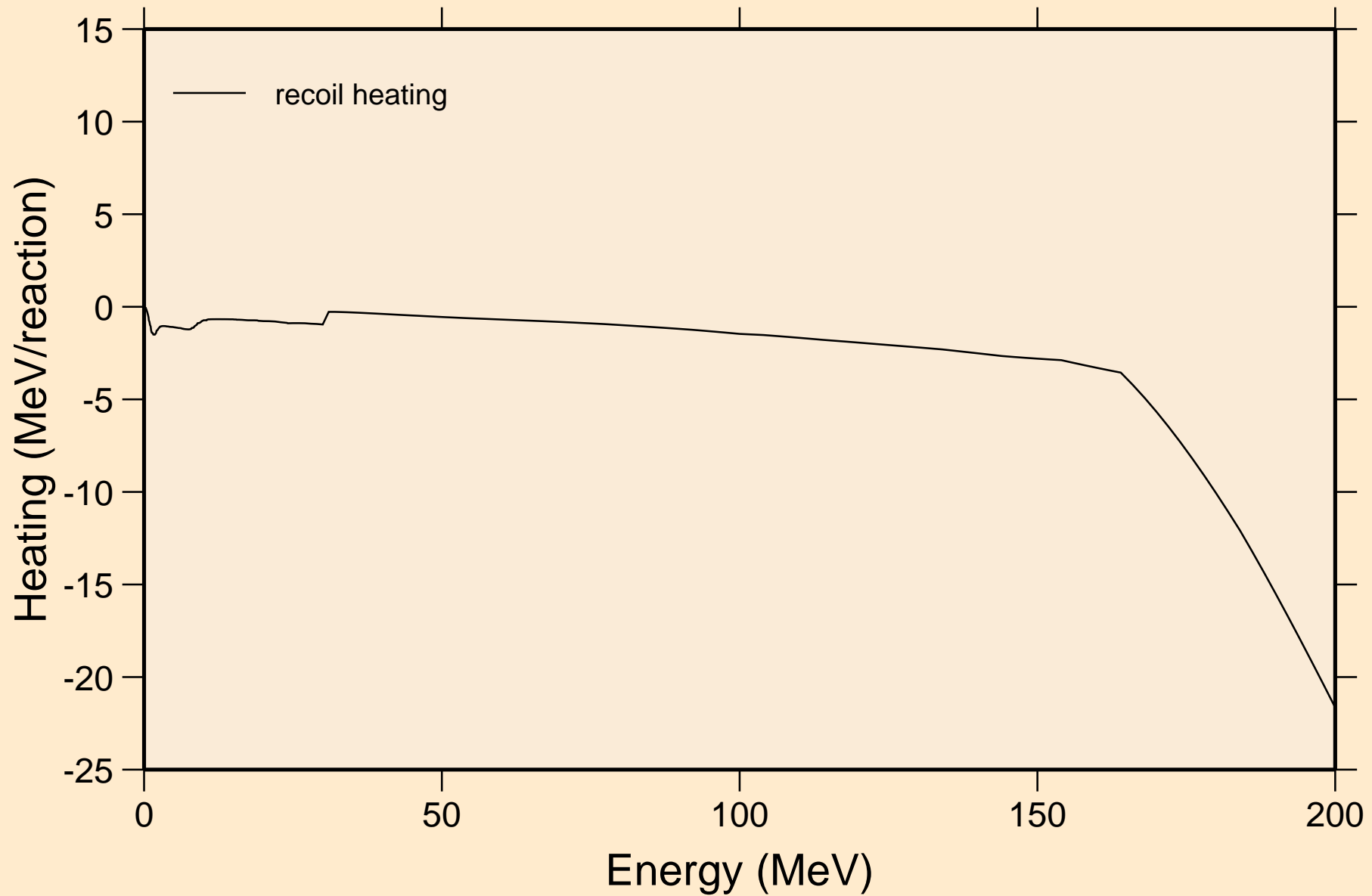
# MD247 NRG TENDL-2015, AKONING

## Particle heating contributions



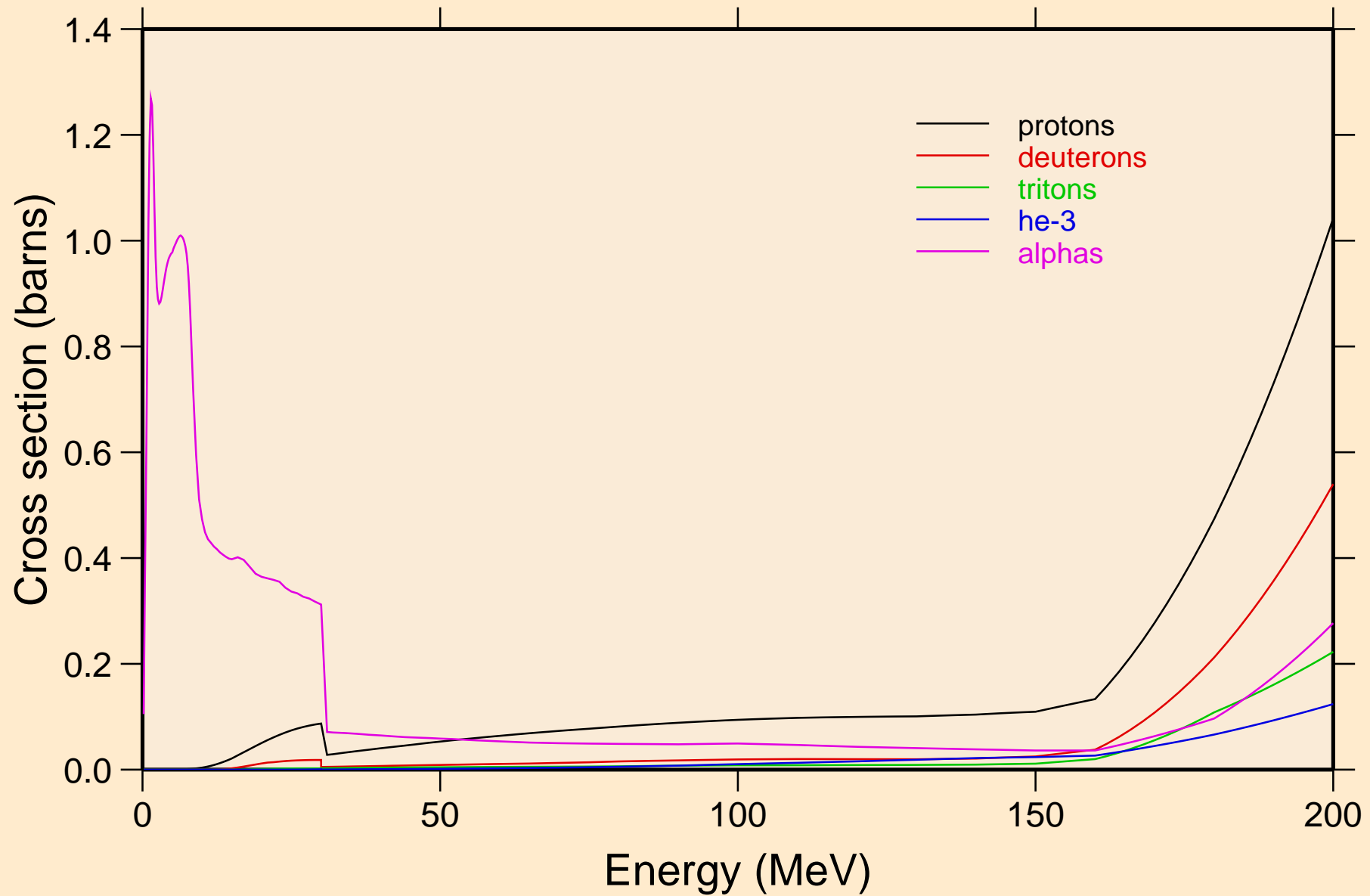
# MD247 NRG TENDL-2015, AKONING

## Recoil Heating

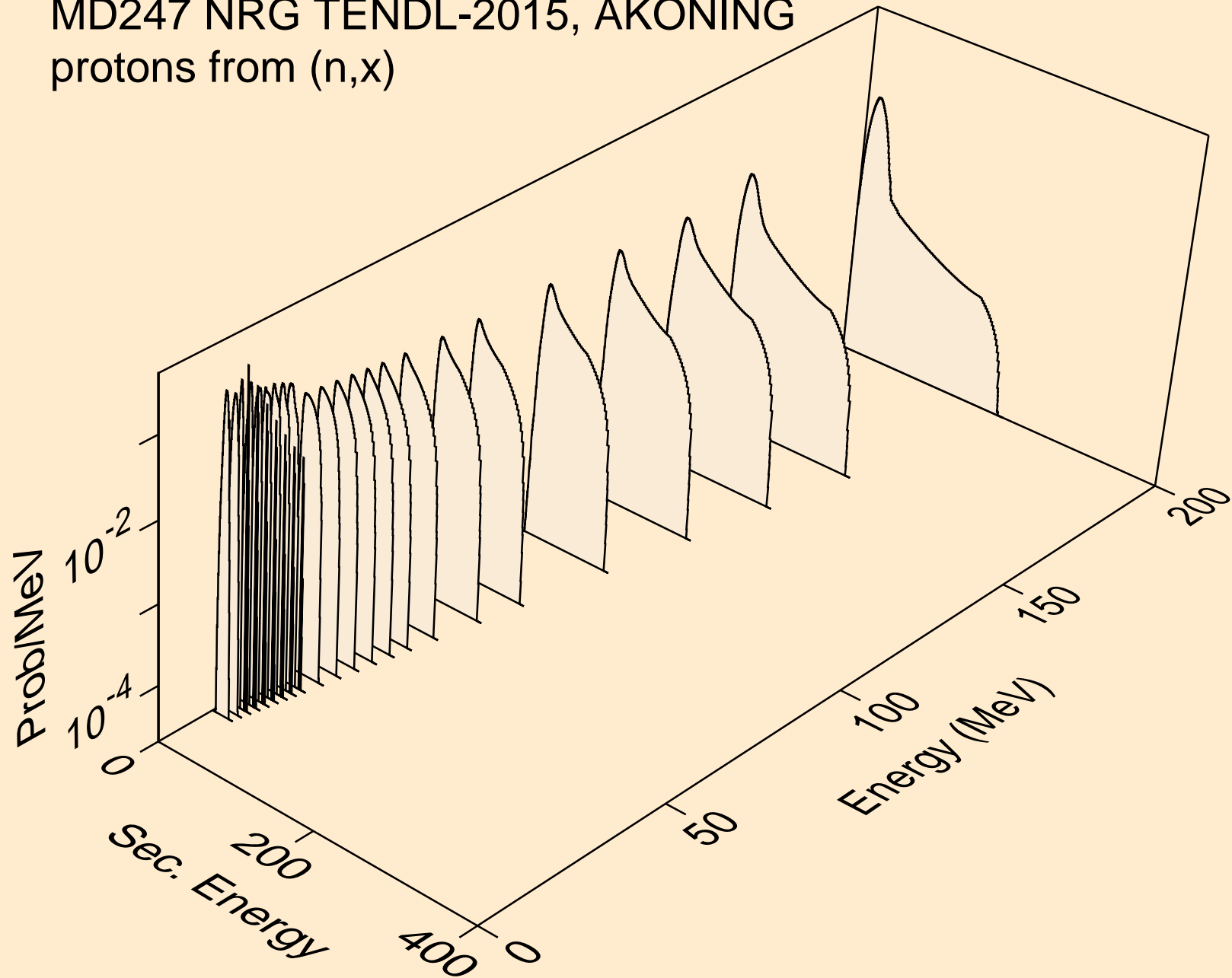


# MD247 NRG TENDL-2015, AKONING

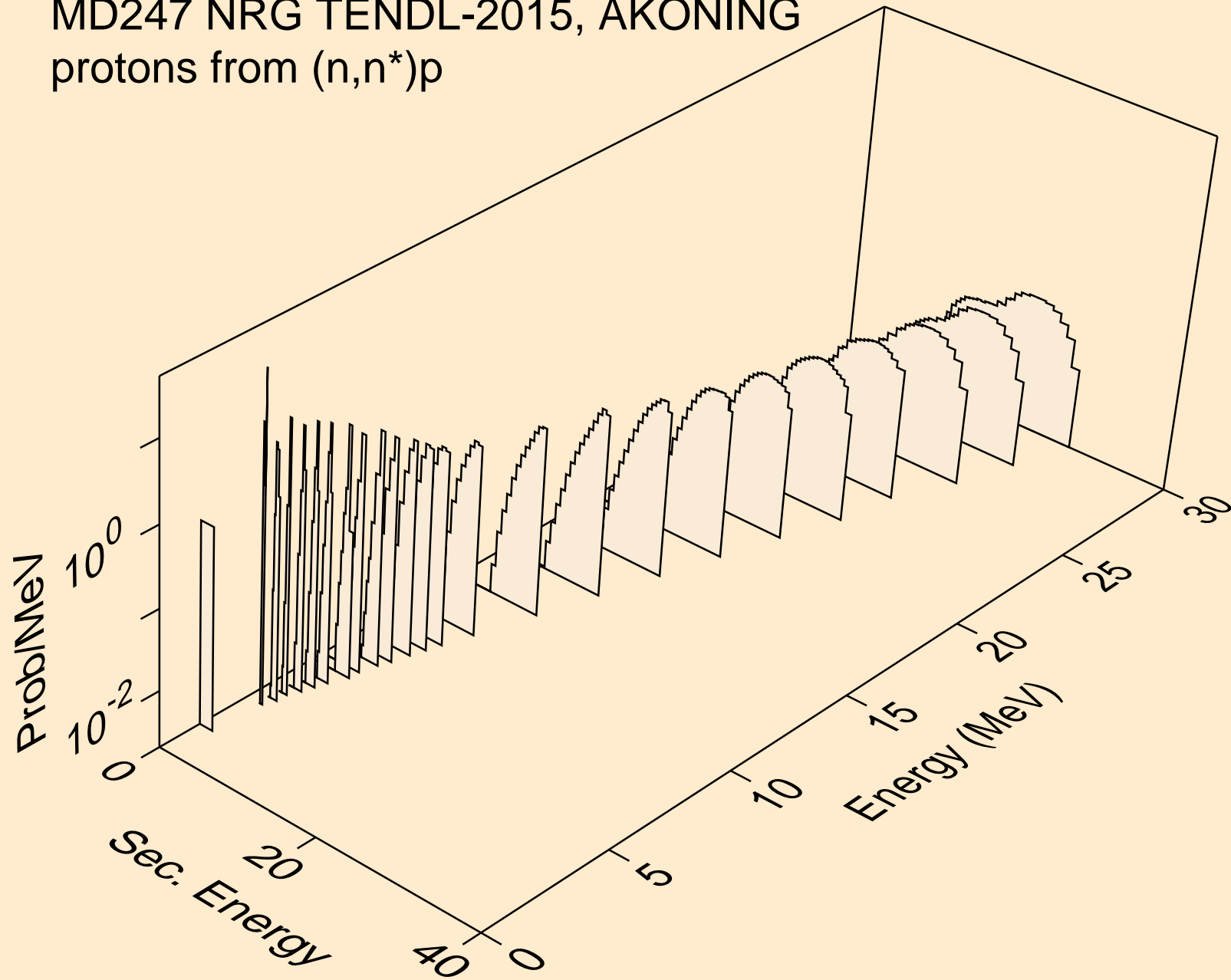
## Particle production cross sections



MD247 NRG TENDL-2015, AKONING  
protons from (n,x)

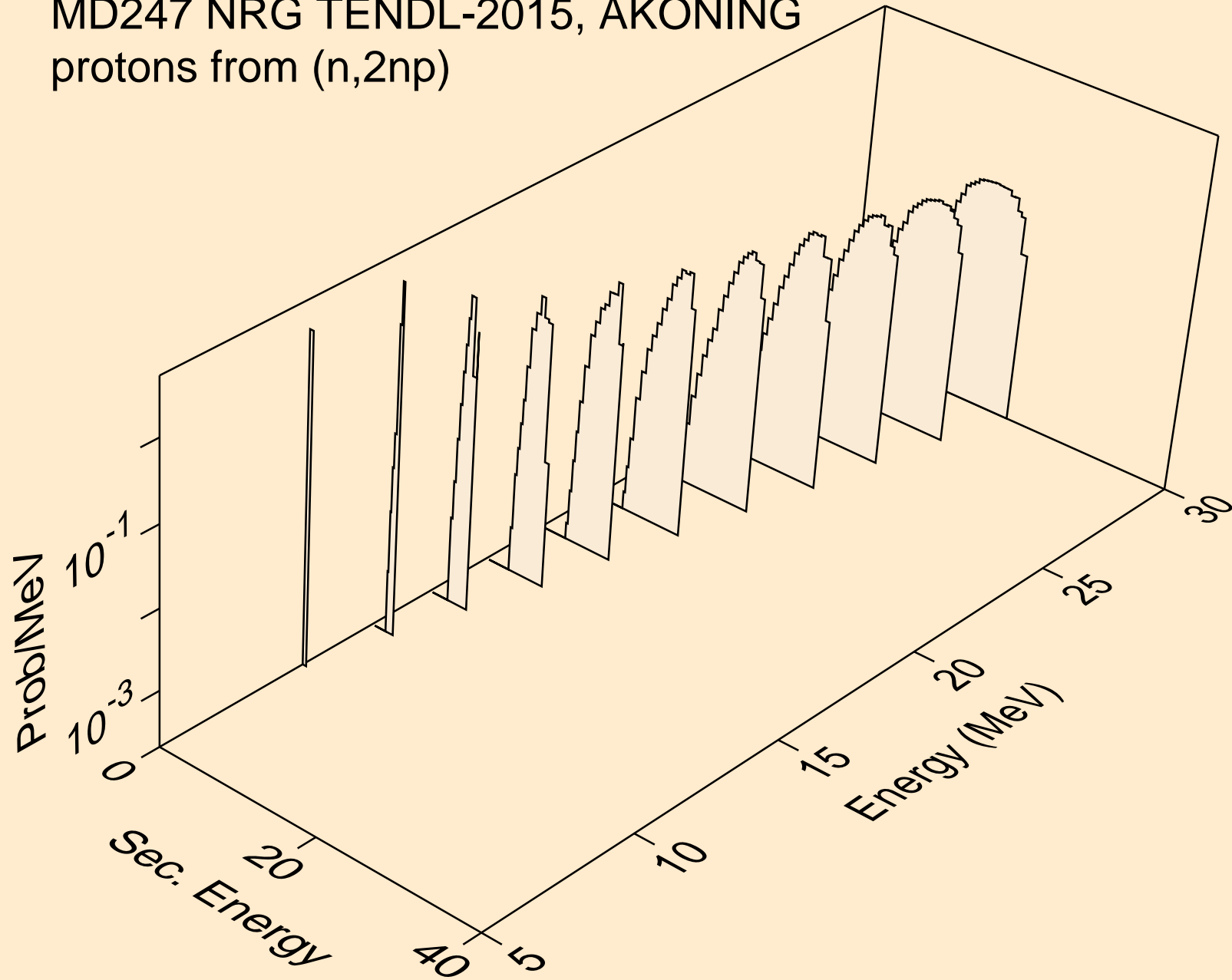


MD247 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

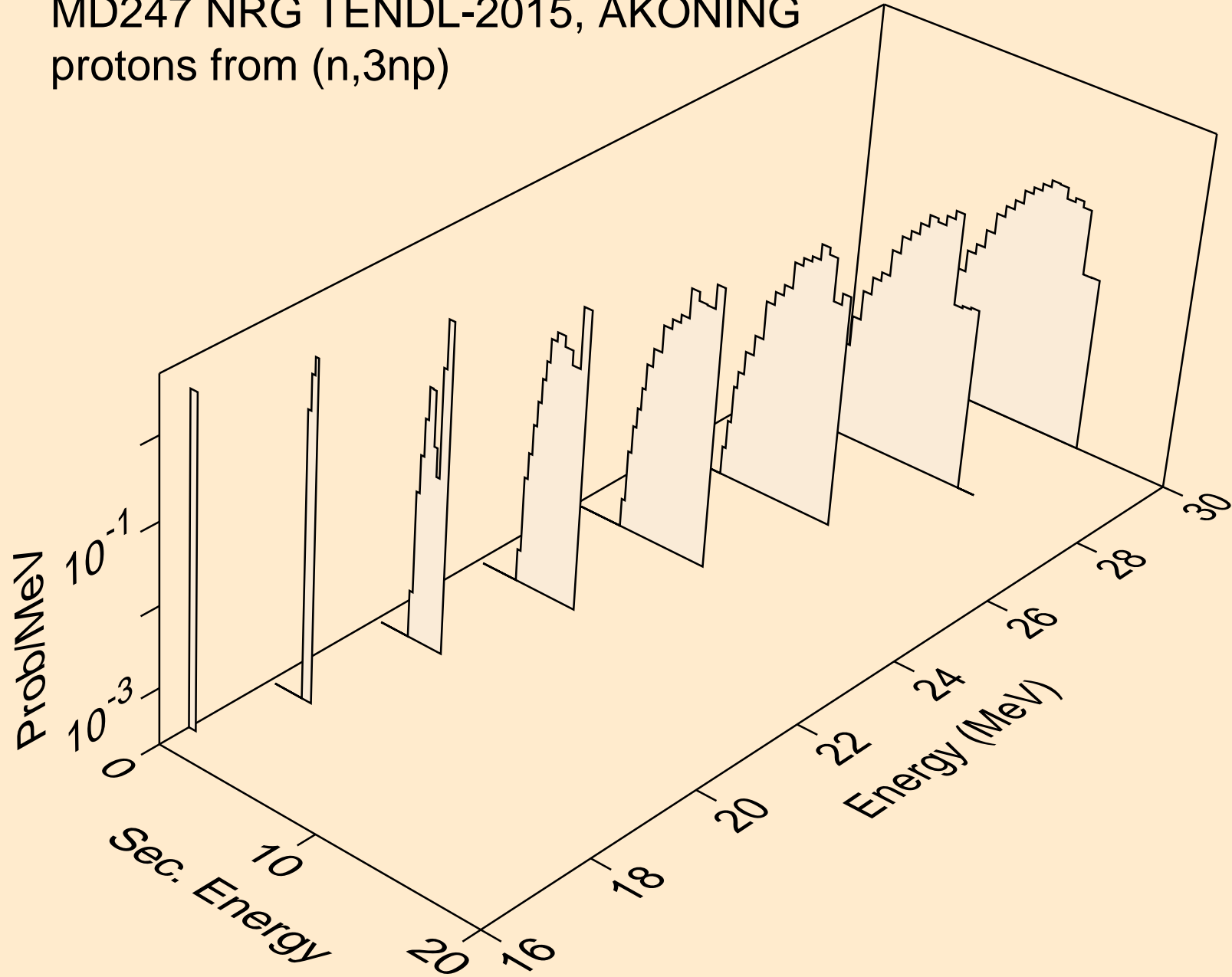




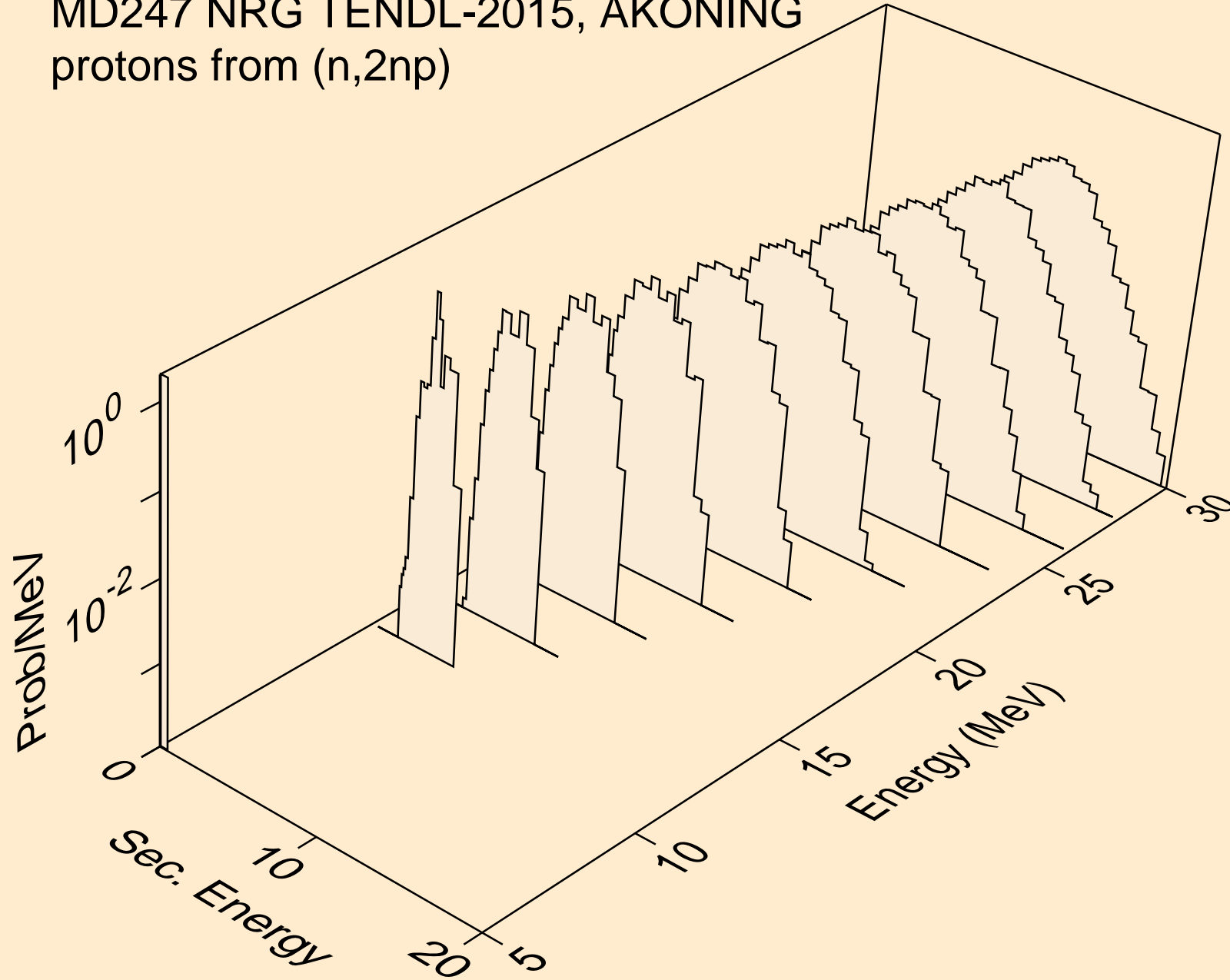
MD247 NRG TENDL-2015, AKONING  
protons from (n,2np)



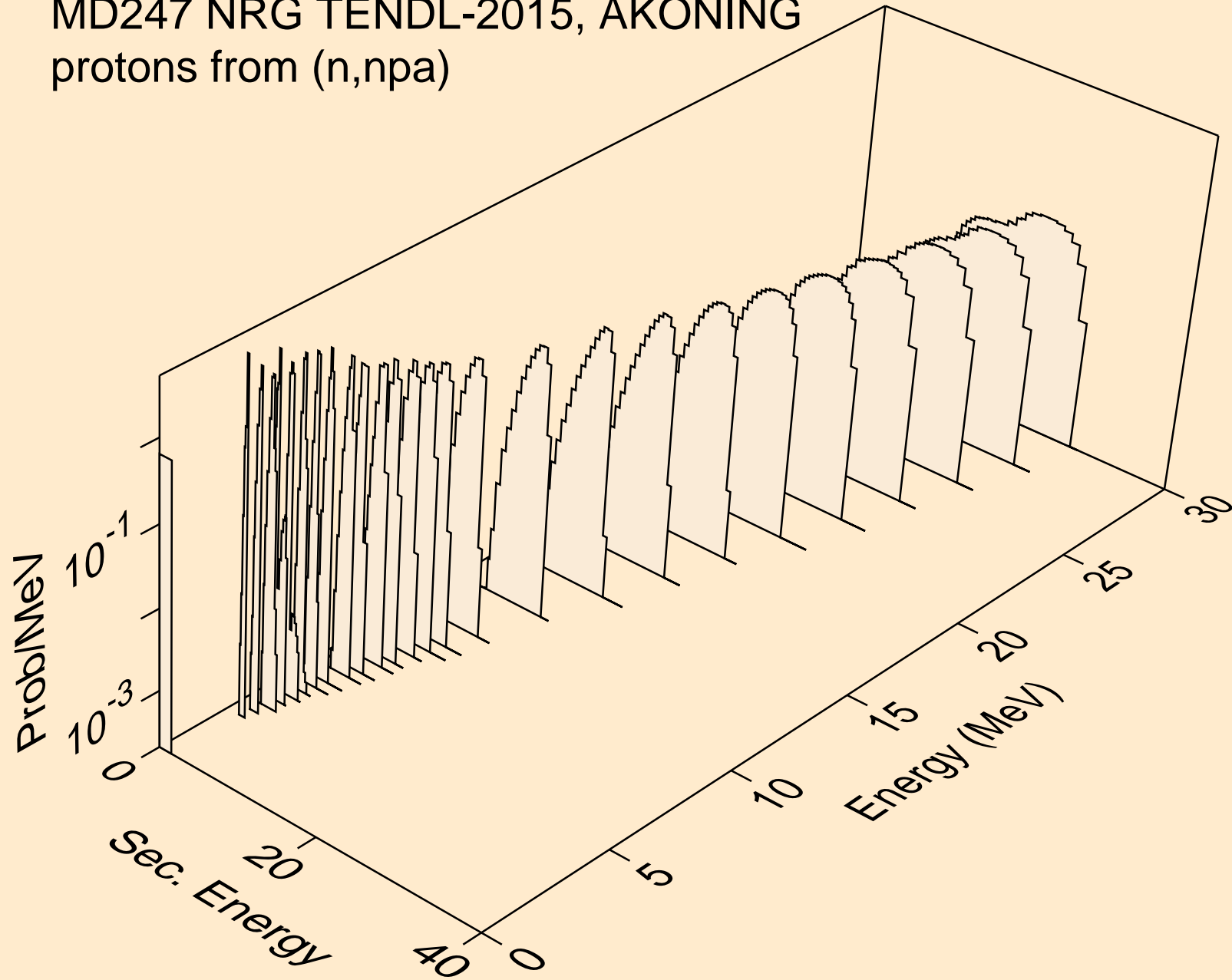
MD247 NRG TENDL-2015, AKONING  
protons from (n,3np)



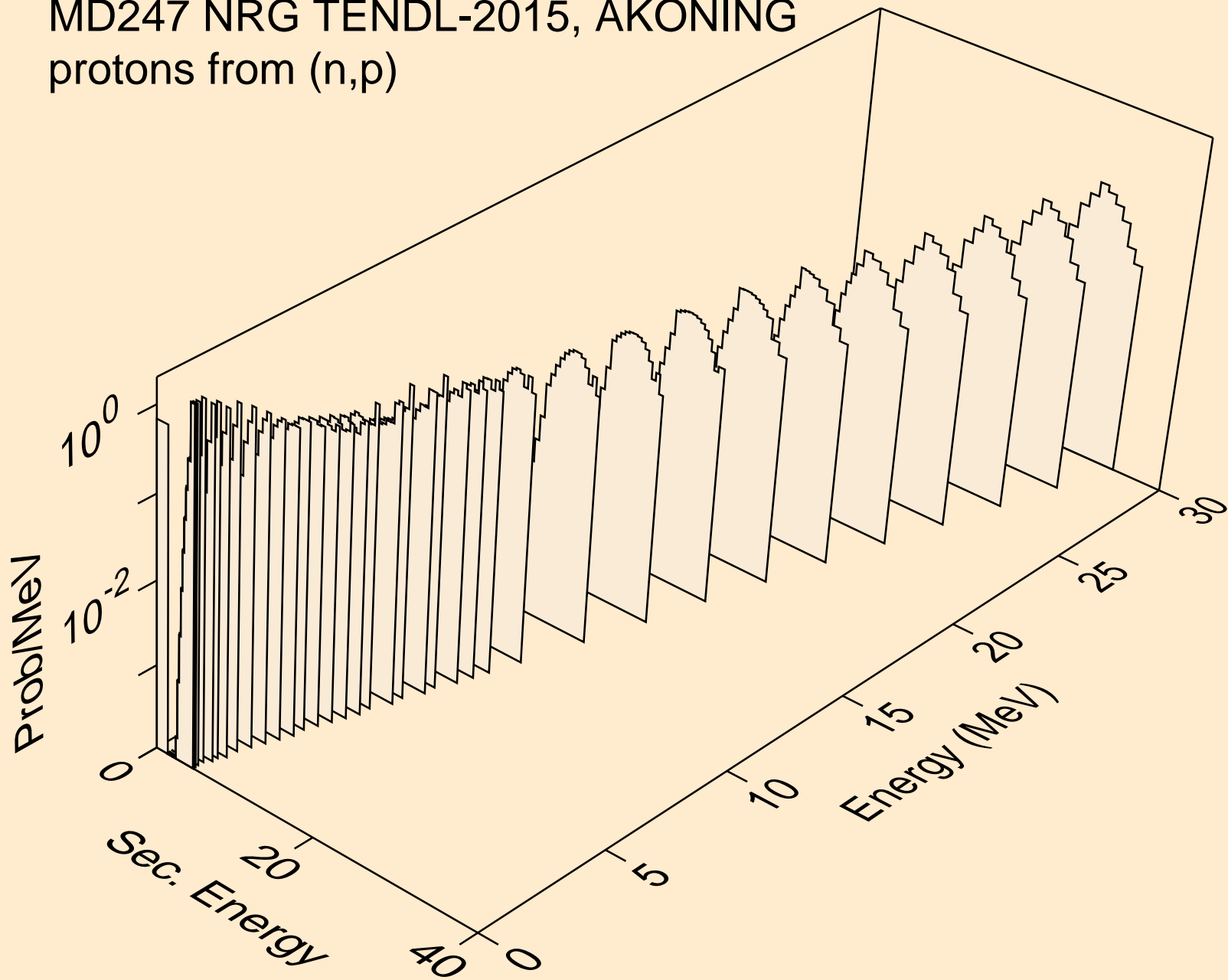
MD247 NRG TENDL-2015, AKONING  
protons from (n,2np)



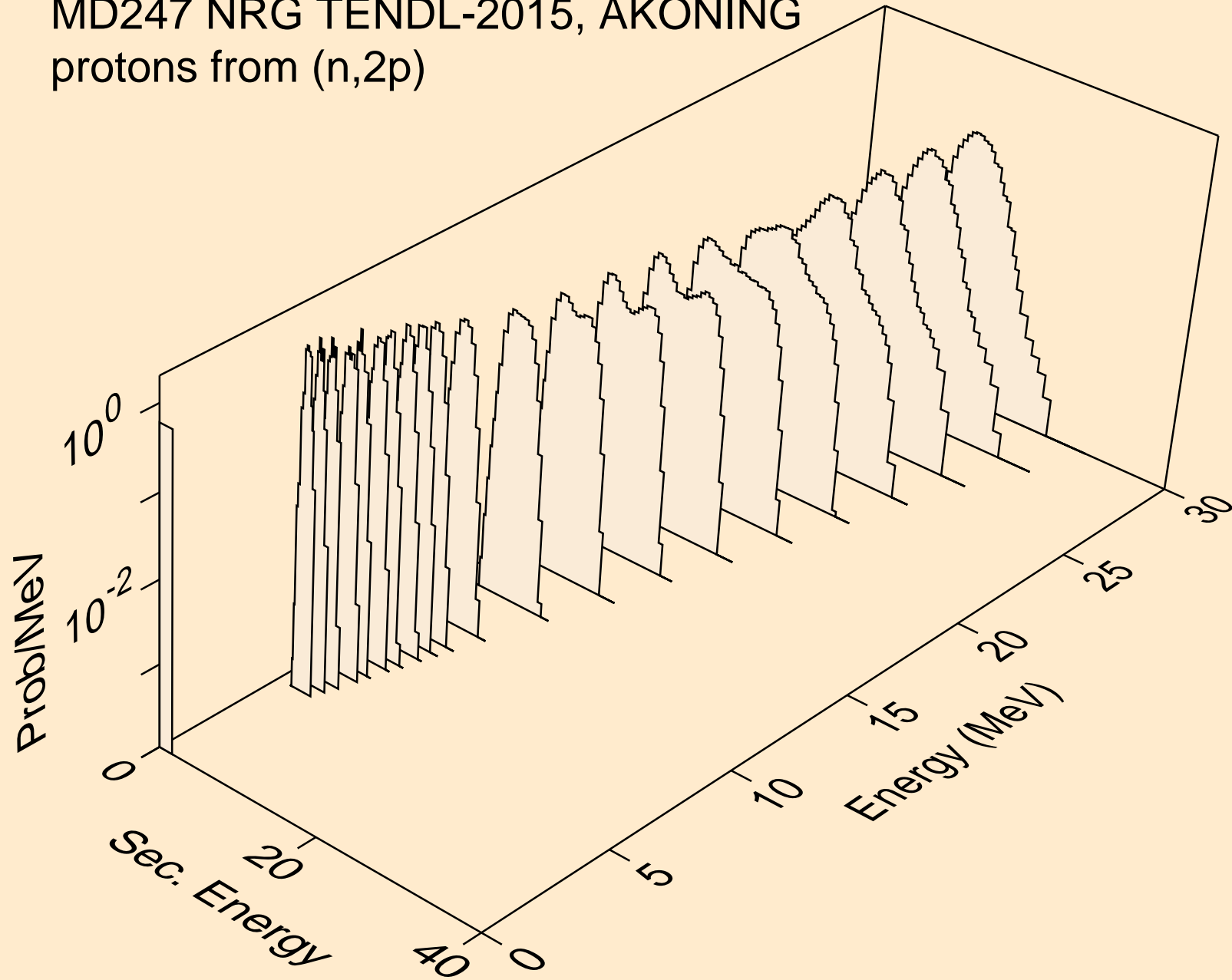
MD247 NRG TENDL-2015, AKONING  
protons from (n,npa)



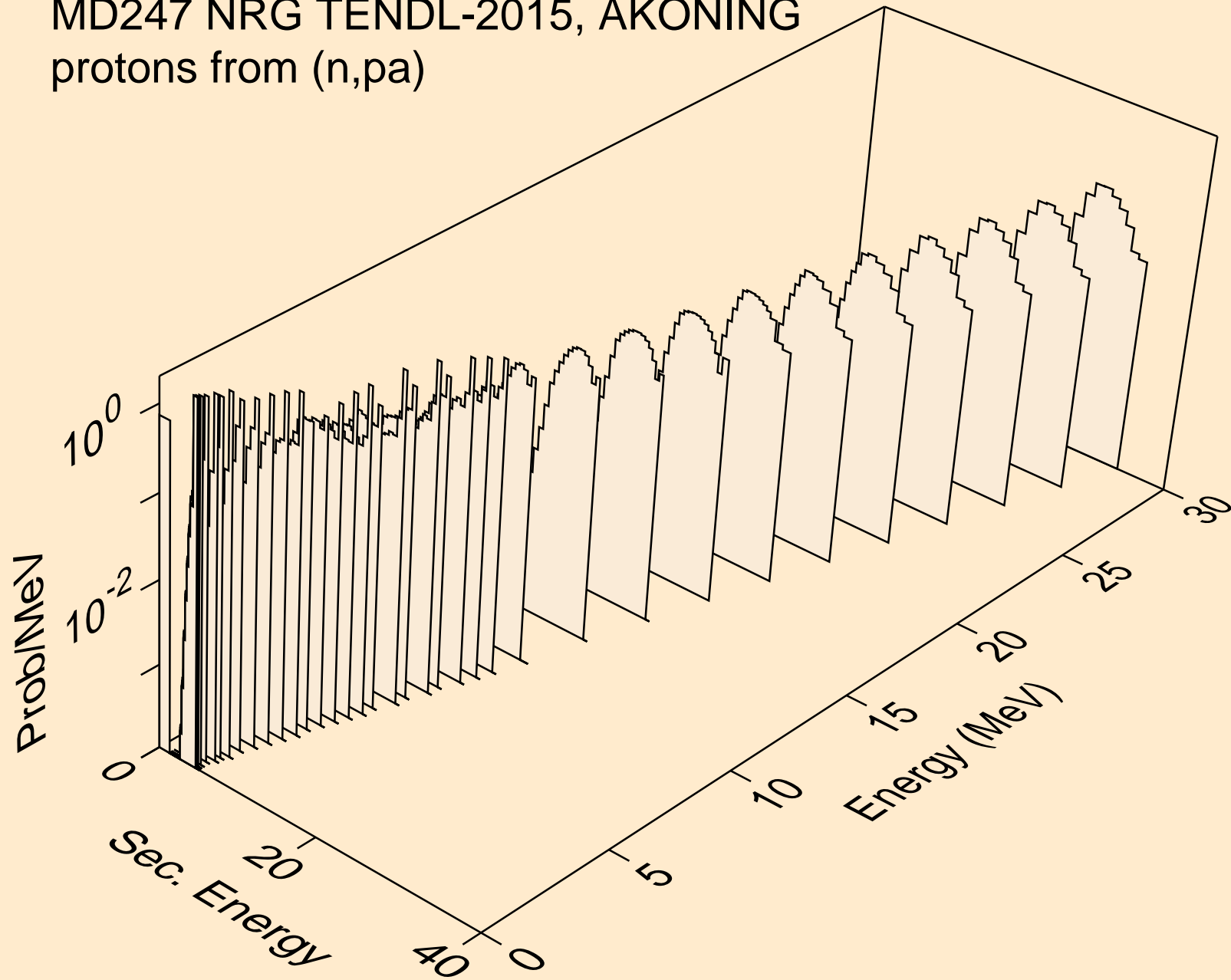
MD247 NRG TENDL-2015, AKONING  
protons from (n,p)



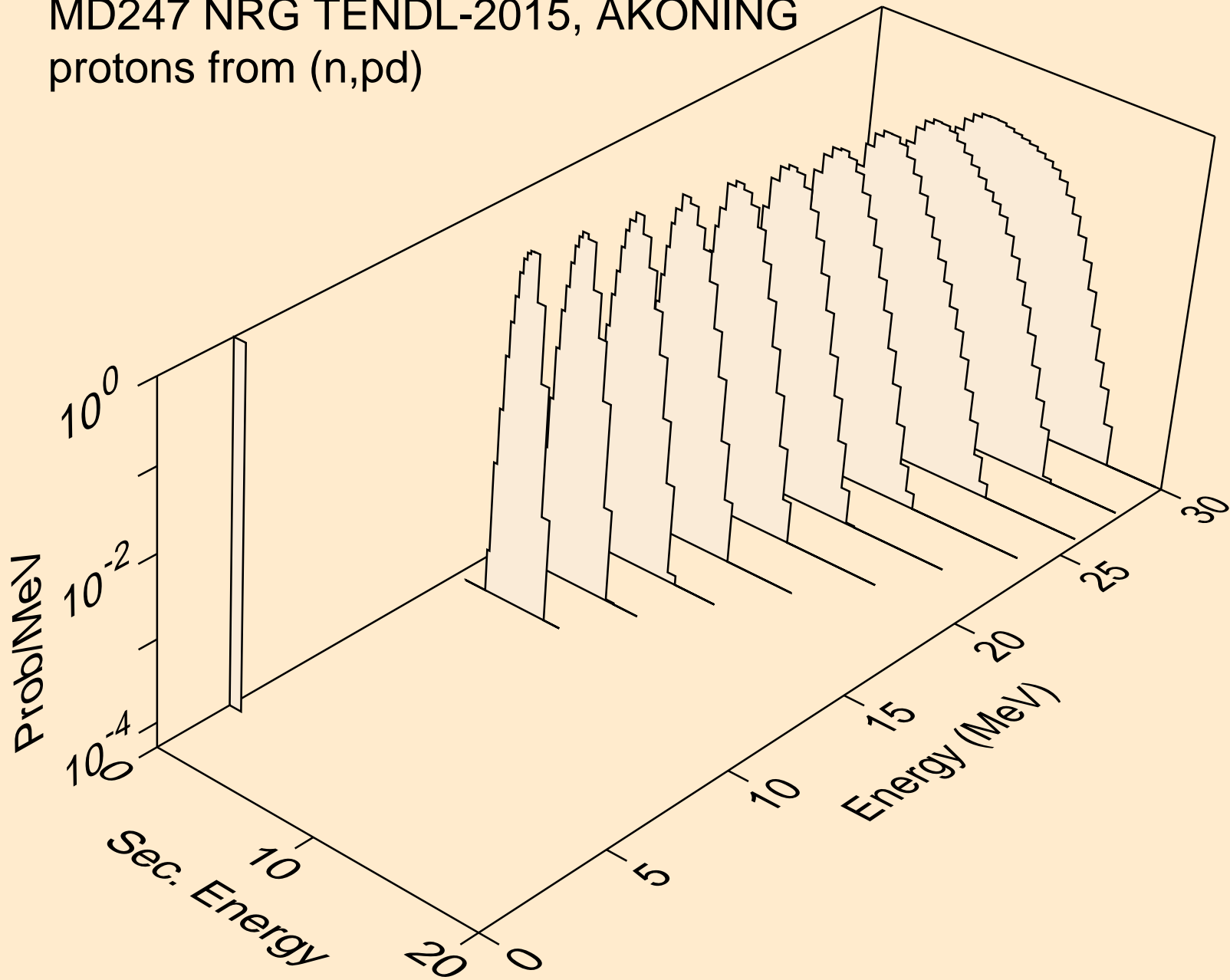
MD247 NRG TENDL-2015, AKONING  
protons from (n,2p)



MD247 NRG TENDL-2015, AKONING  
protons from (n,pa)

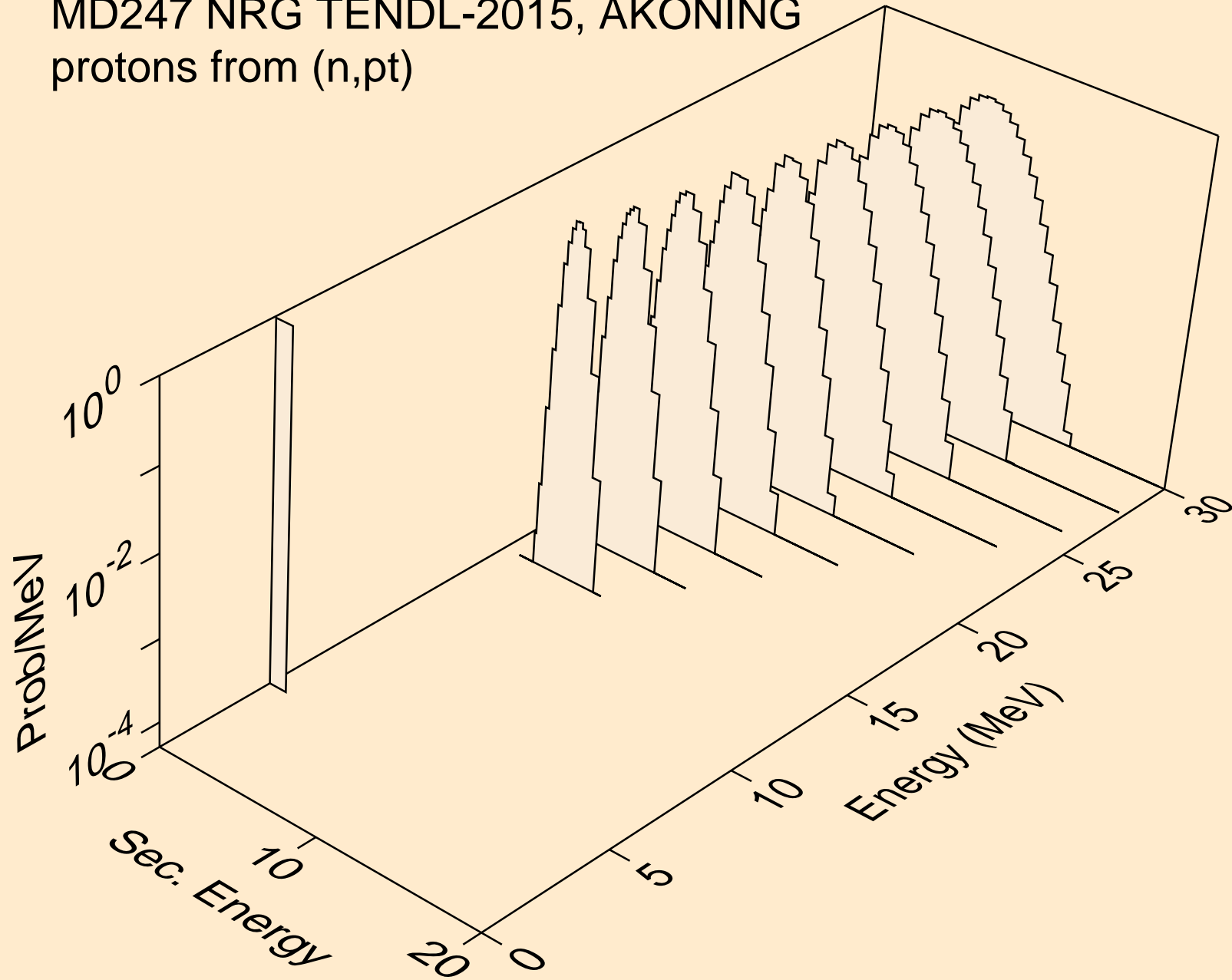


MD247 NRG TENDL-2015, AKONING  
protons from (n,pd)

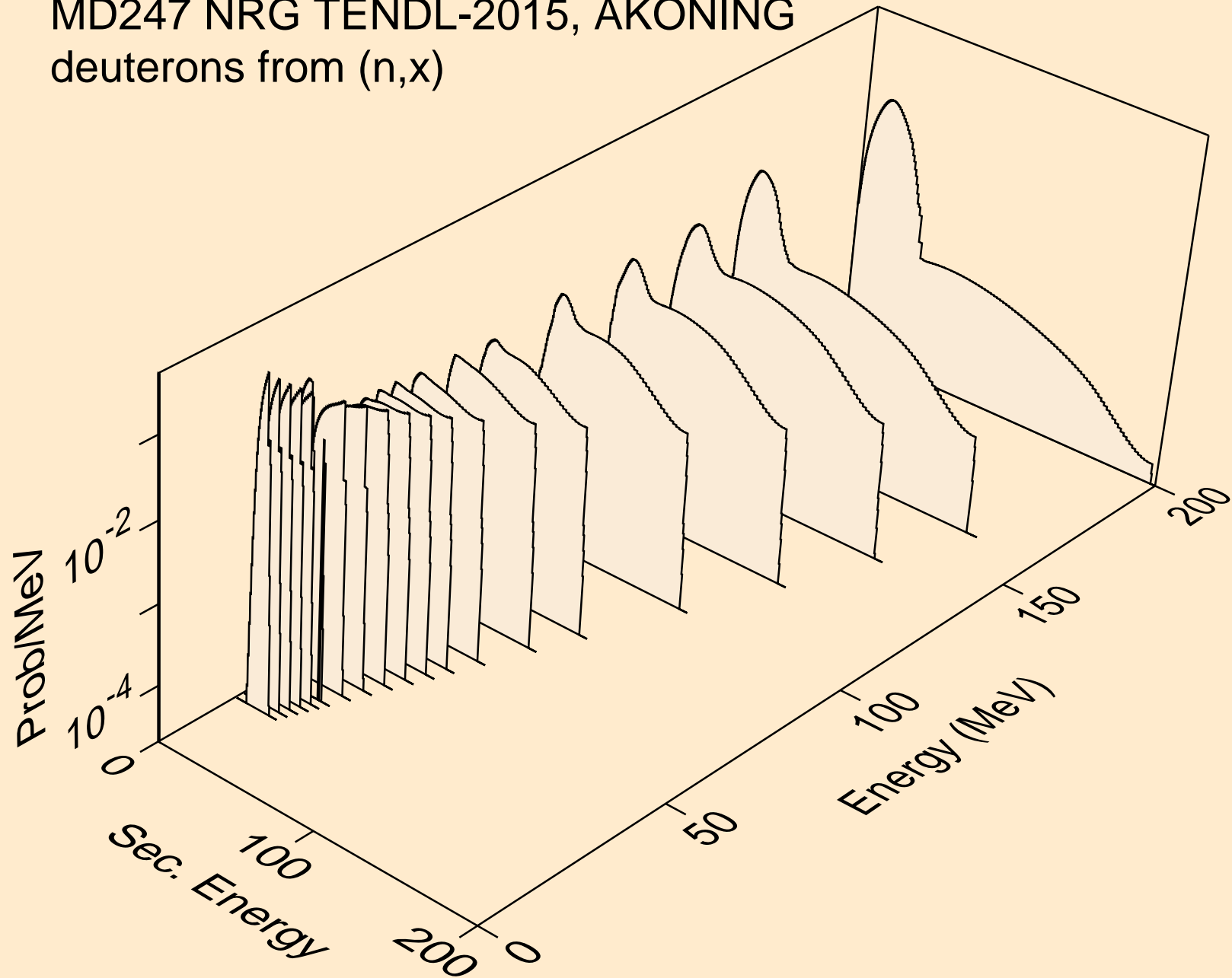




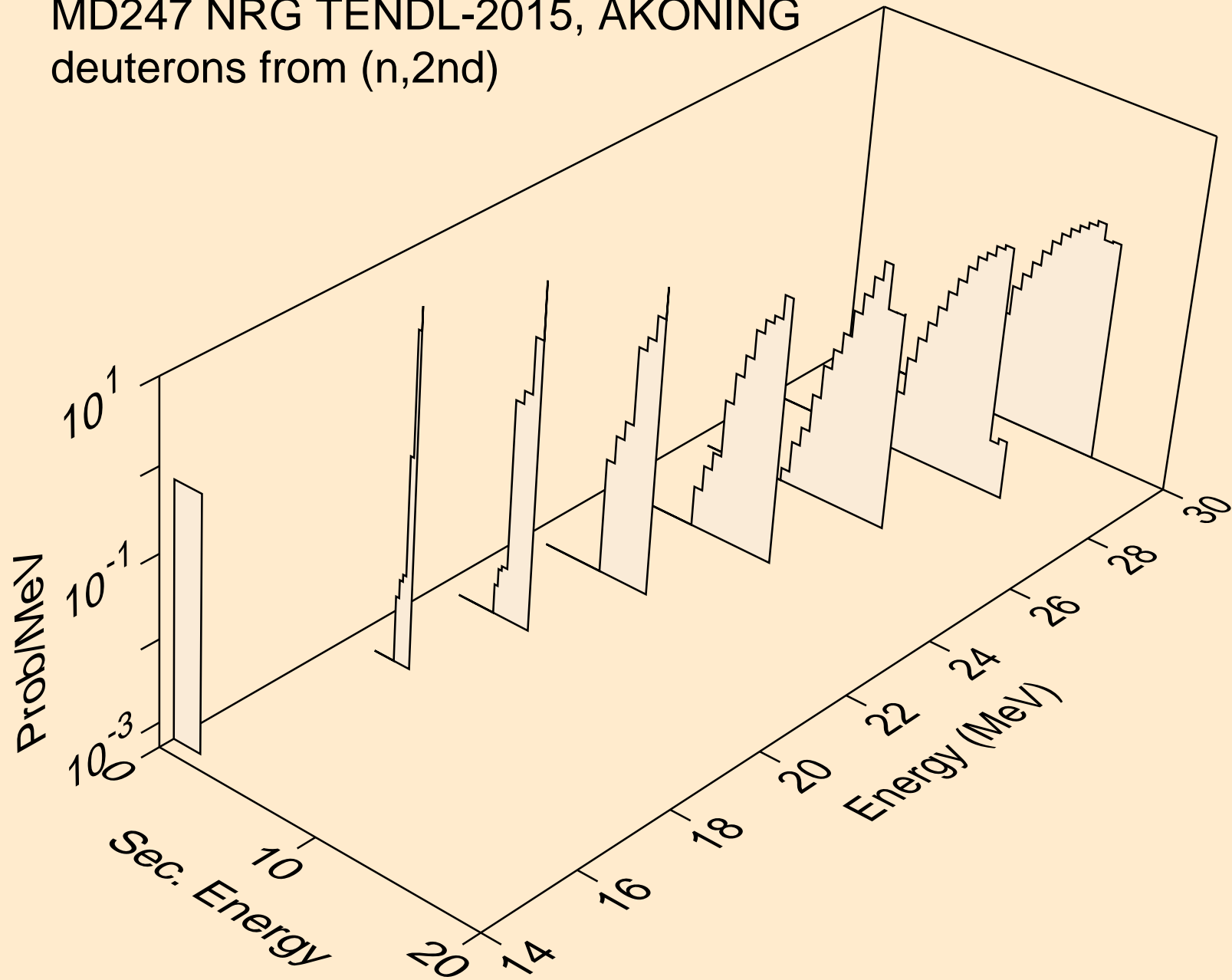
MD247 NRG TENDL-2015, AKONING  
protons from (n,pt)



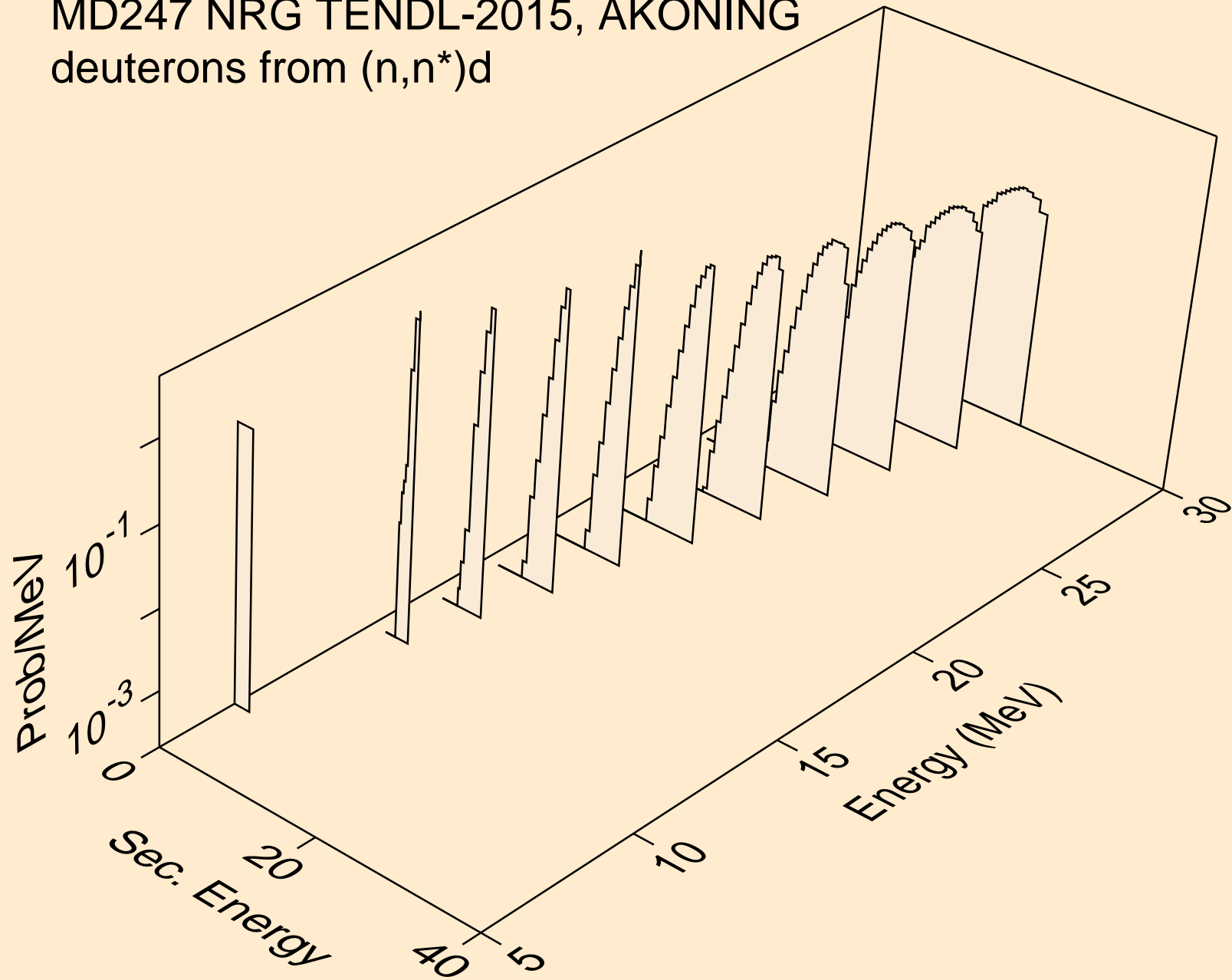
MD247 NRG TENDL-2015, AKONING  
deuterons from (n,x)



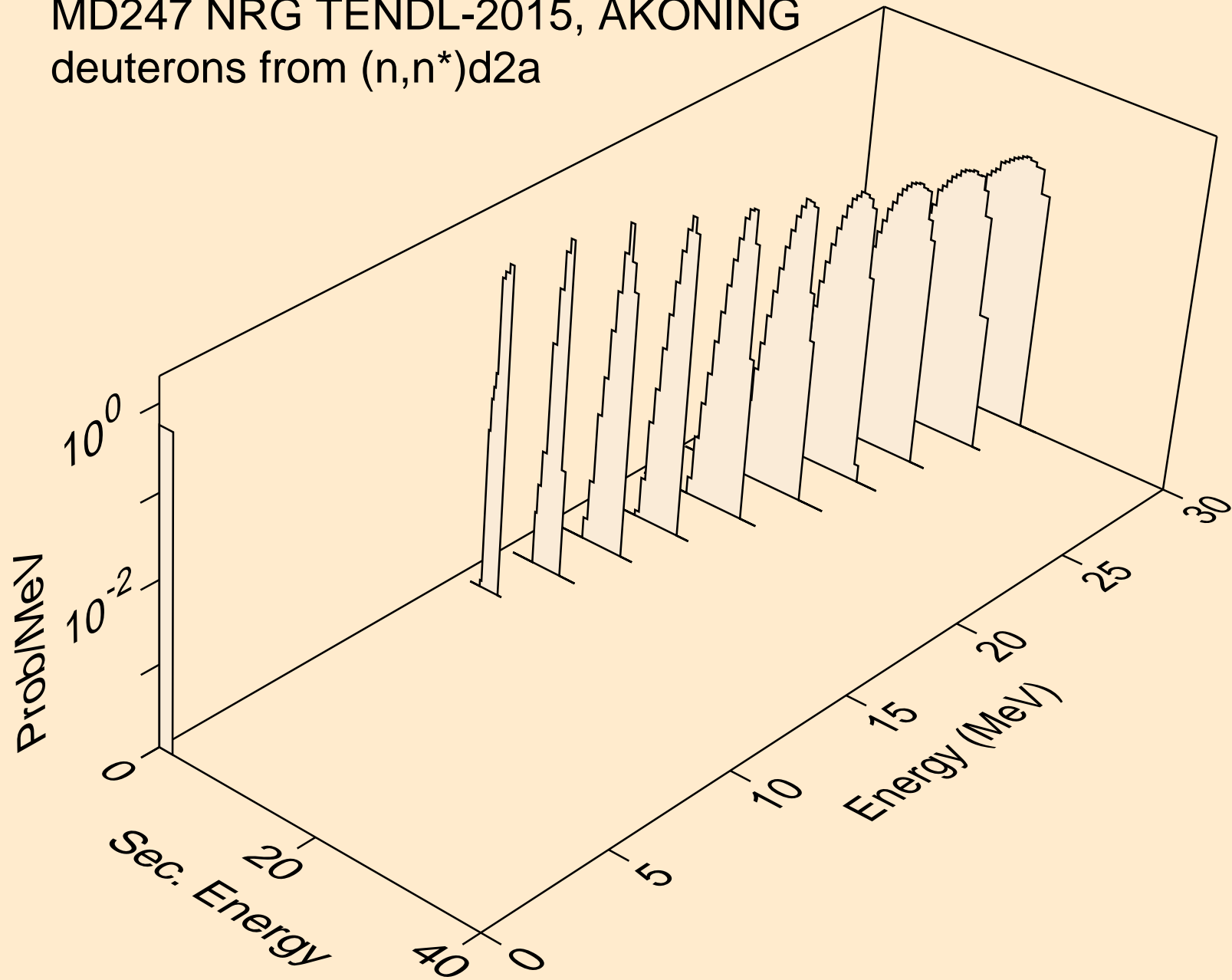
MD247 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



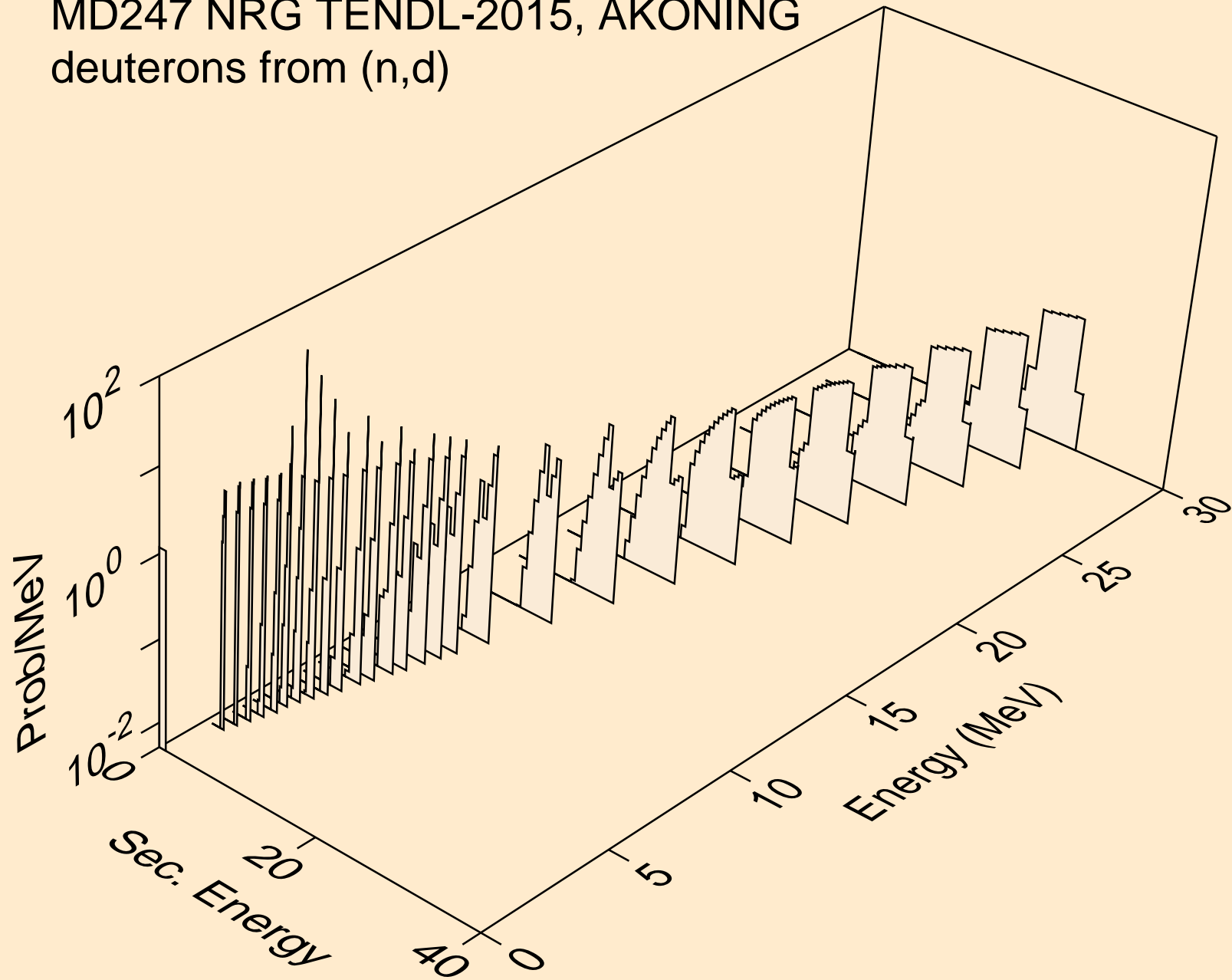
MD247 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



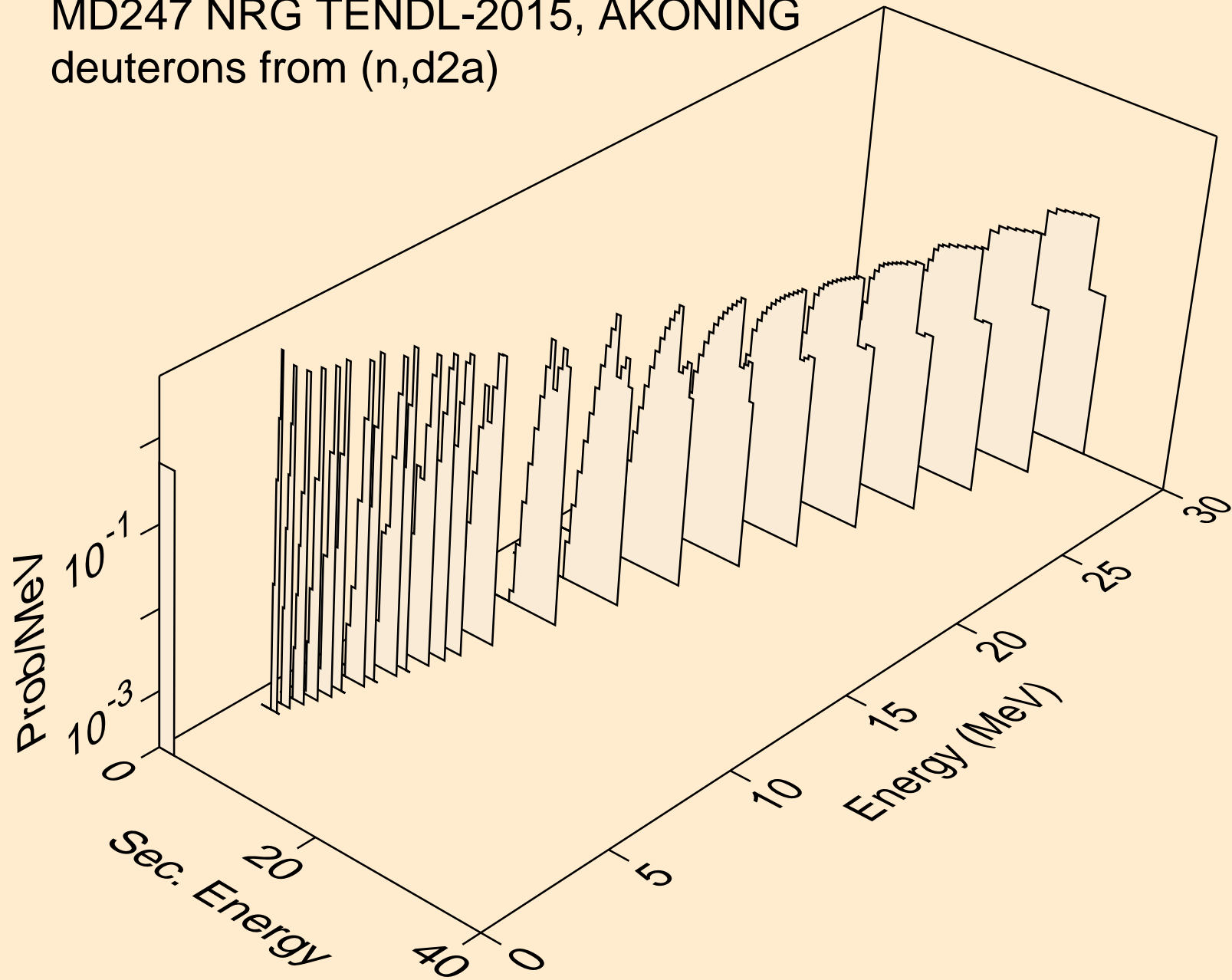
MD247 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



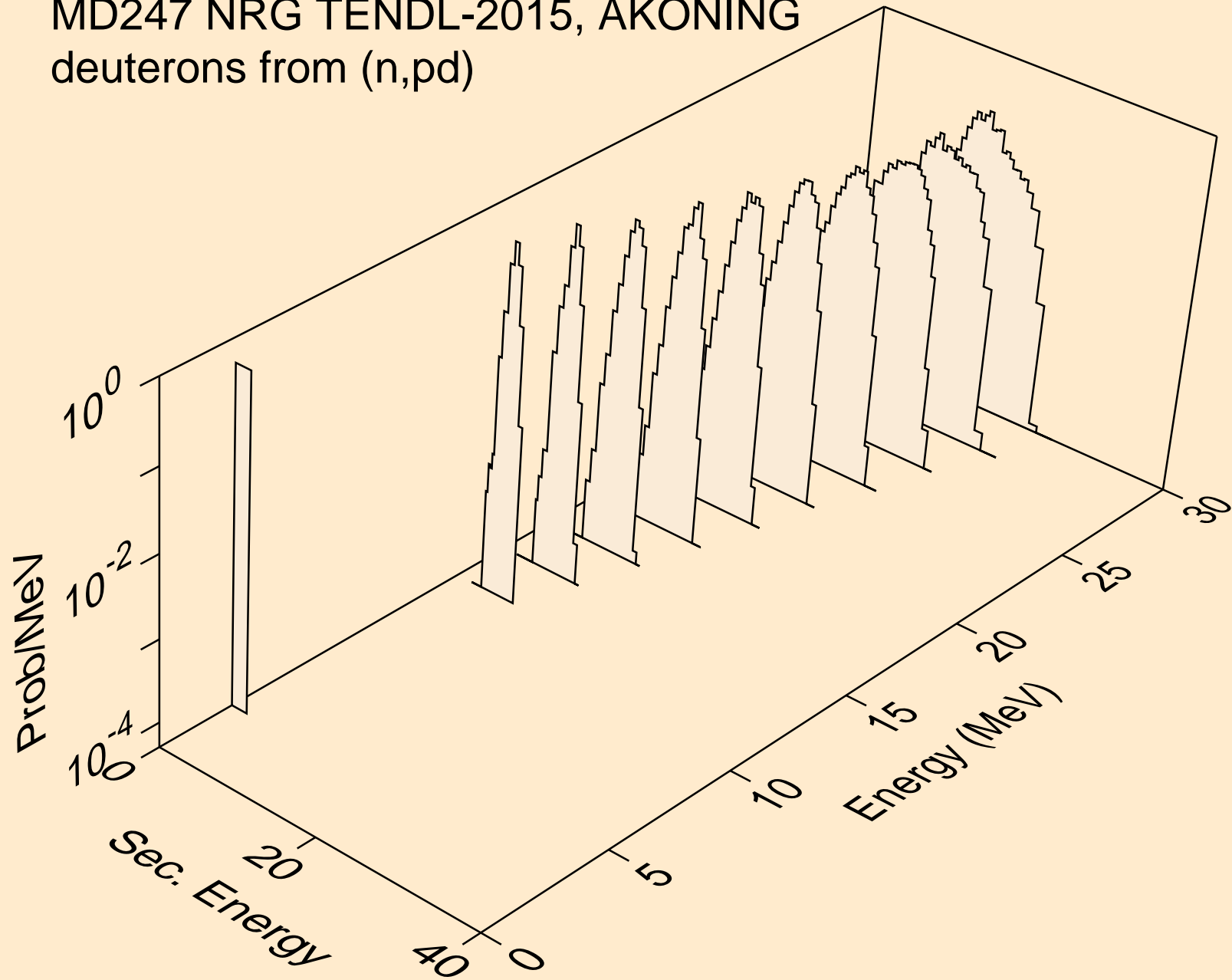
MD247 NRG TENDL-2015, AKONING  
deuterons from (n,d)



MD247 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

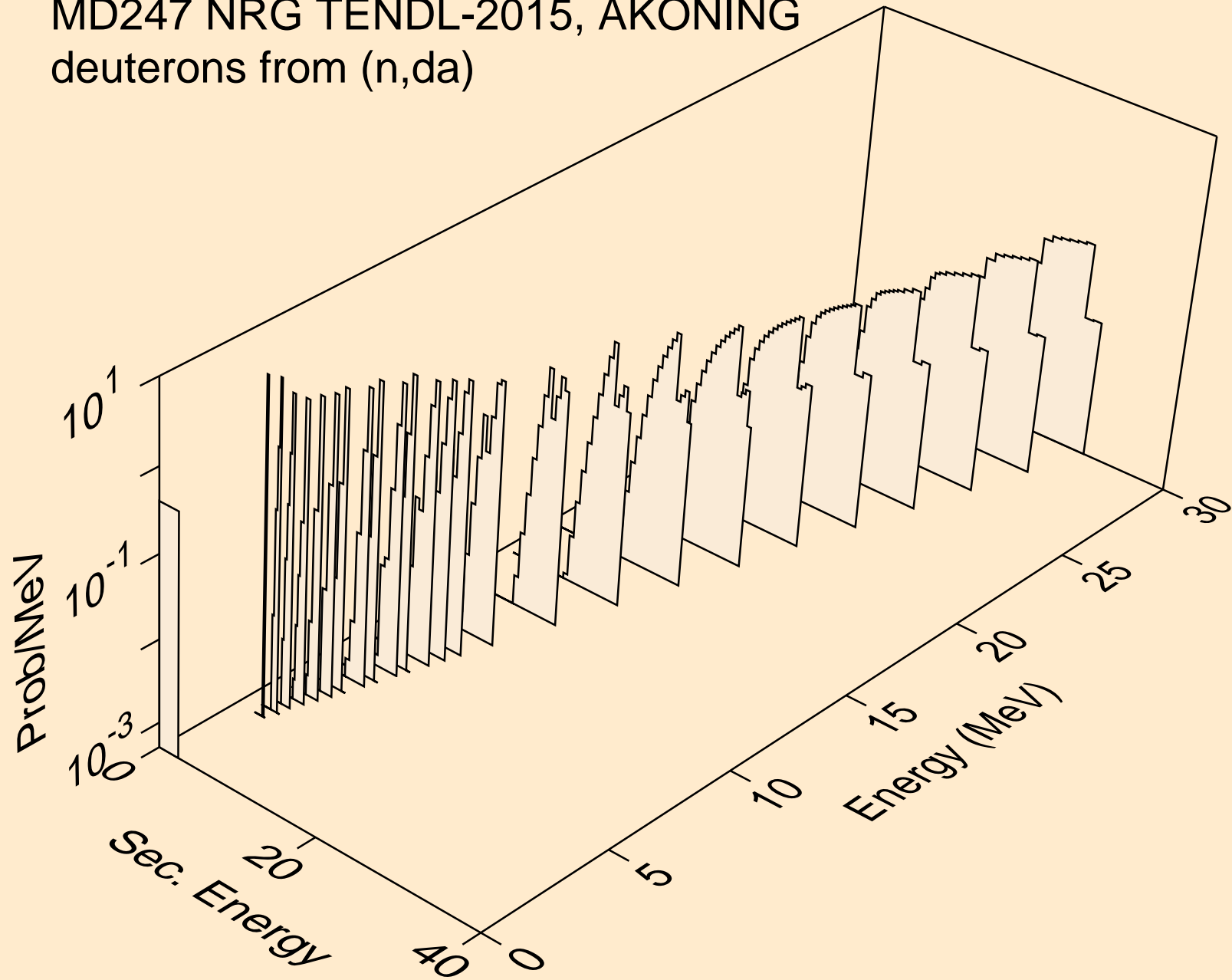


MD247 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

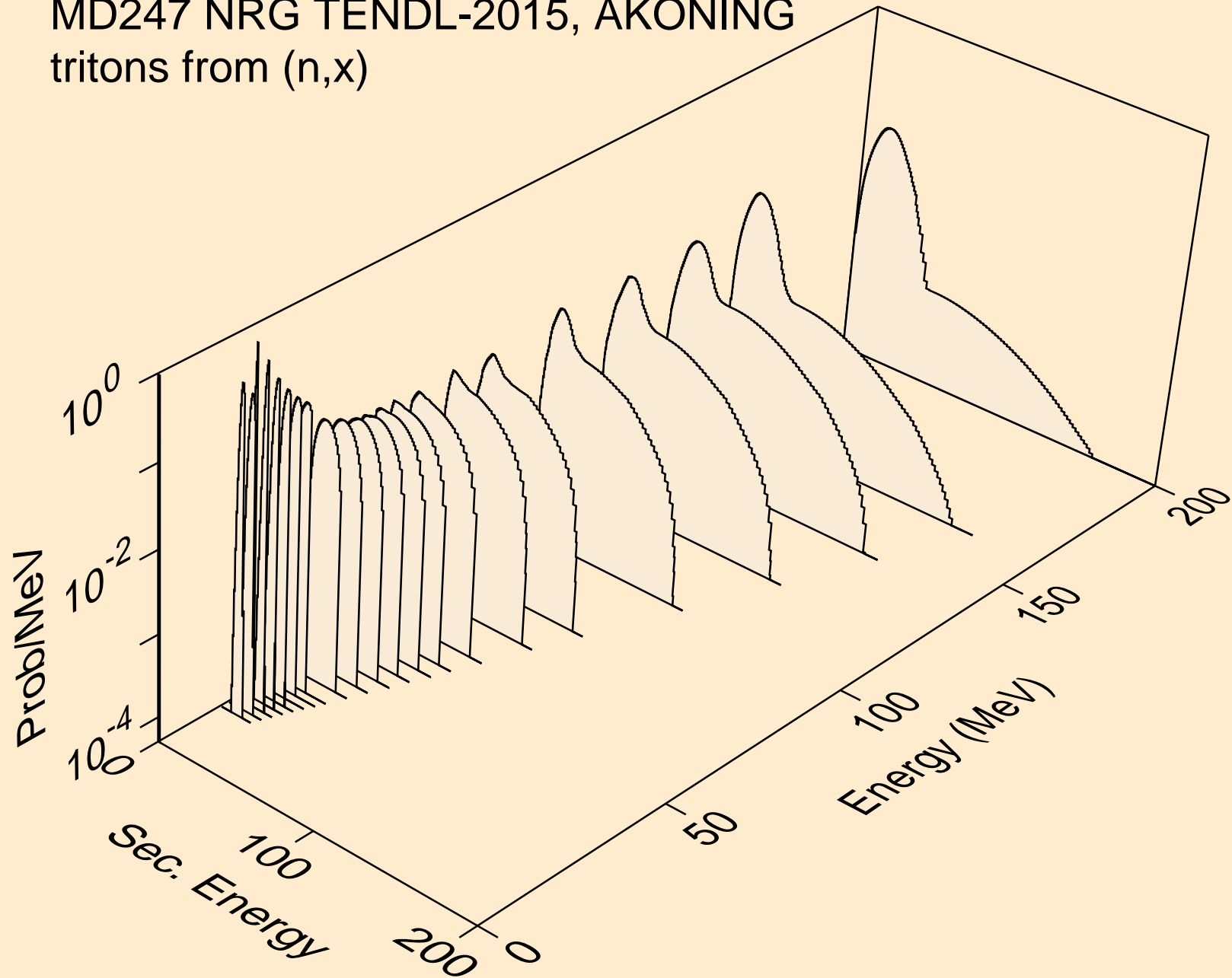




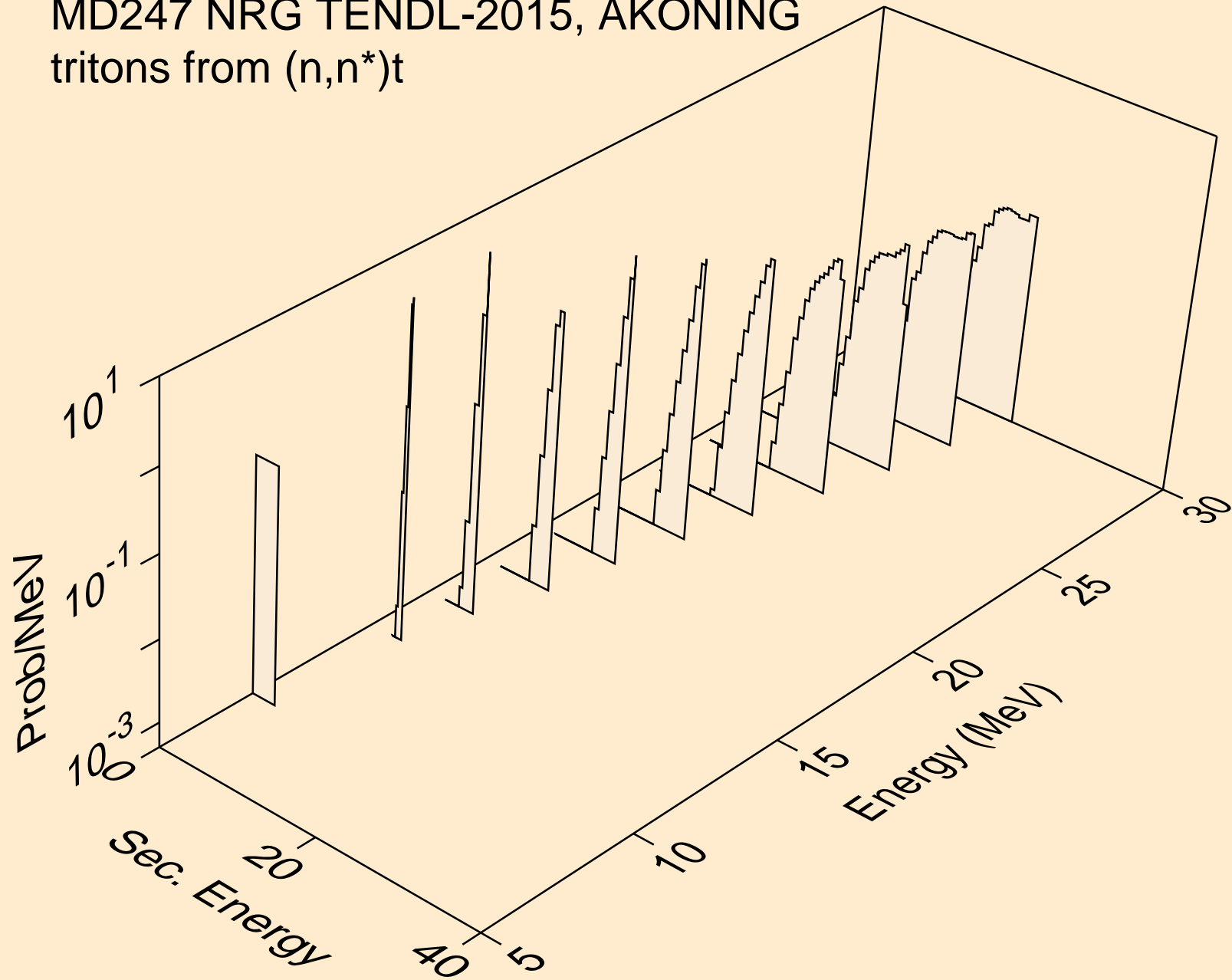
MD247 NRG TENDL-2015, AKONING  
deuterons from (n,da)



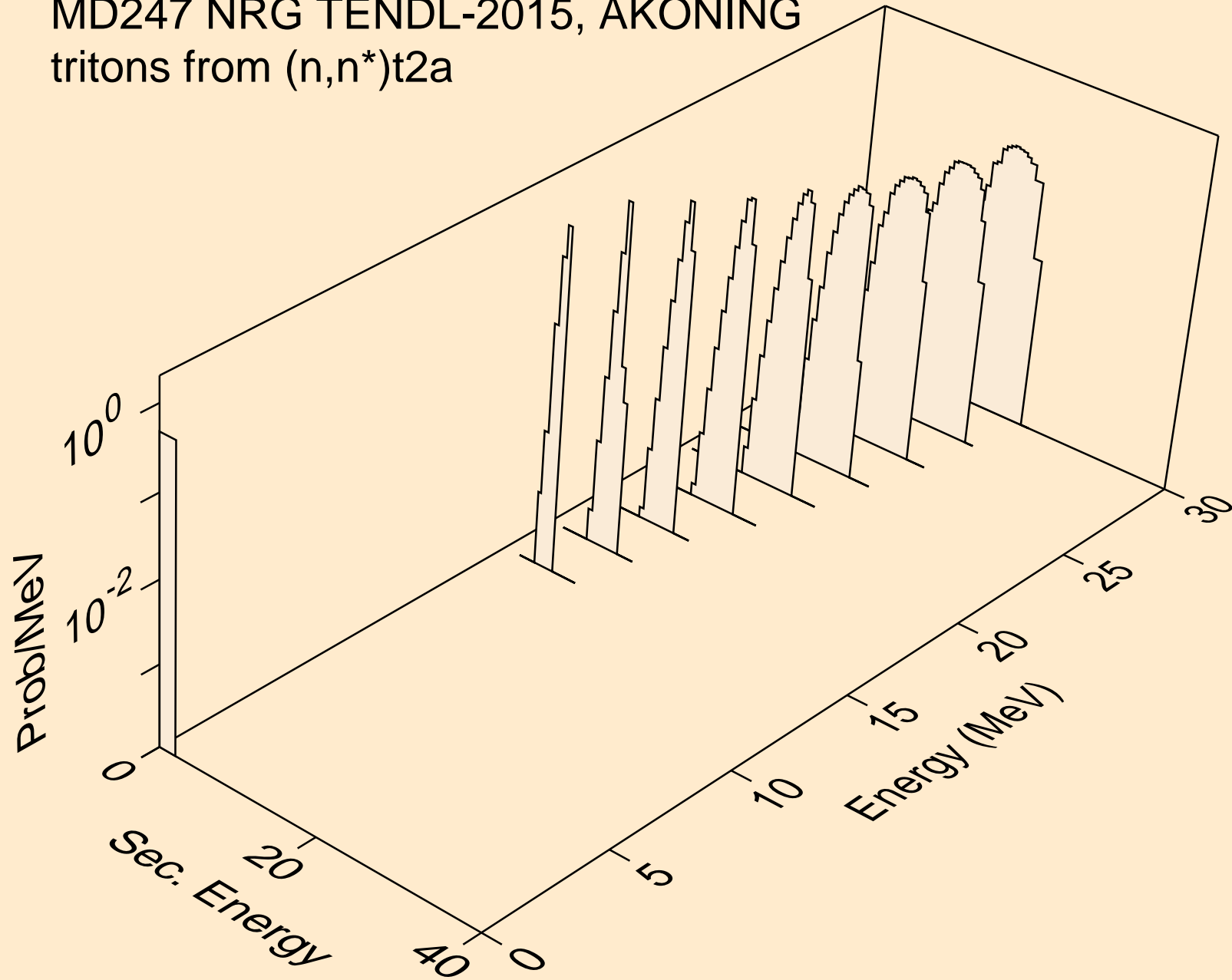
MD247 NRG TENDL-2015, AKONING  
tritons from (n,x)



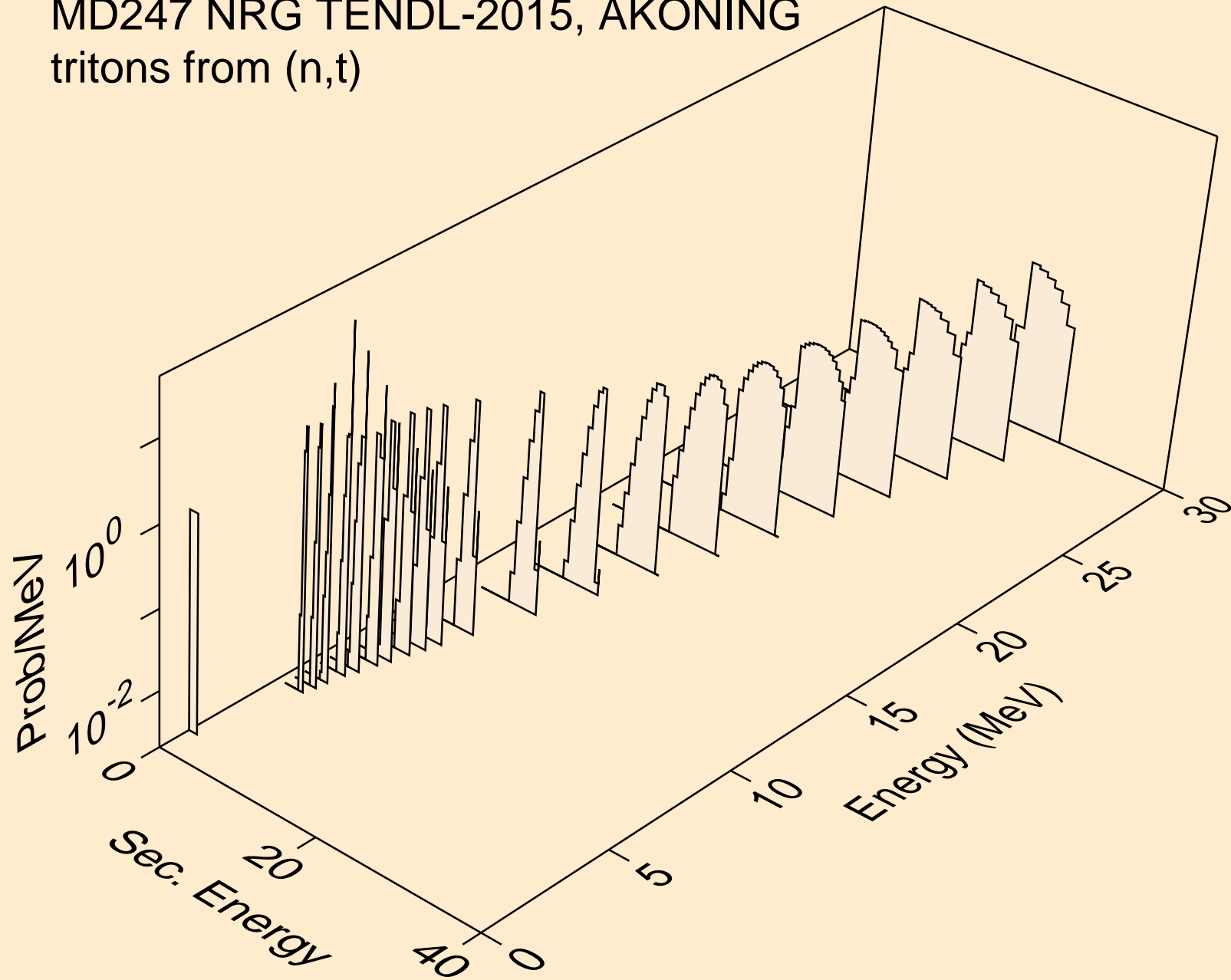
MD247 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



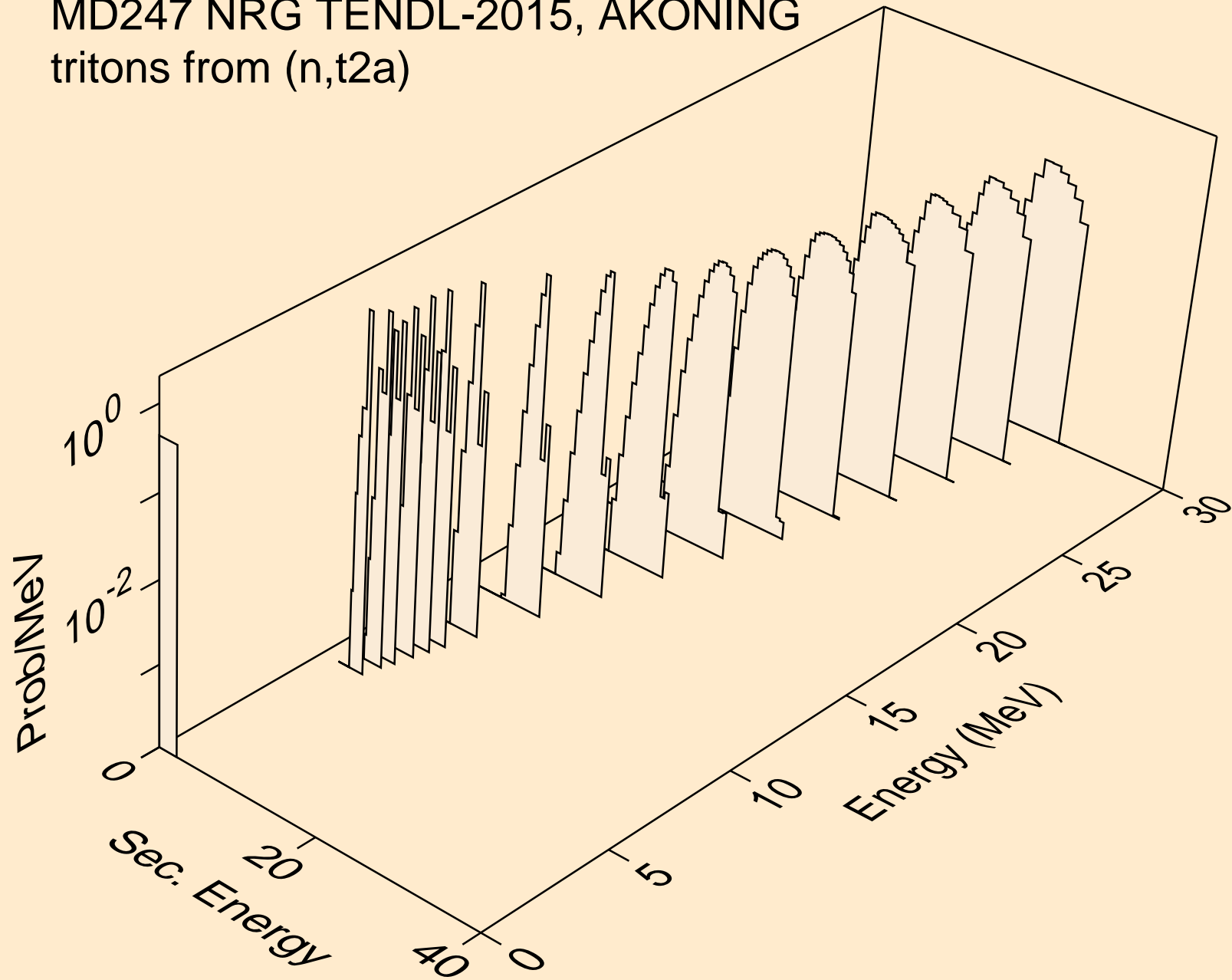
MD247 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



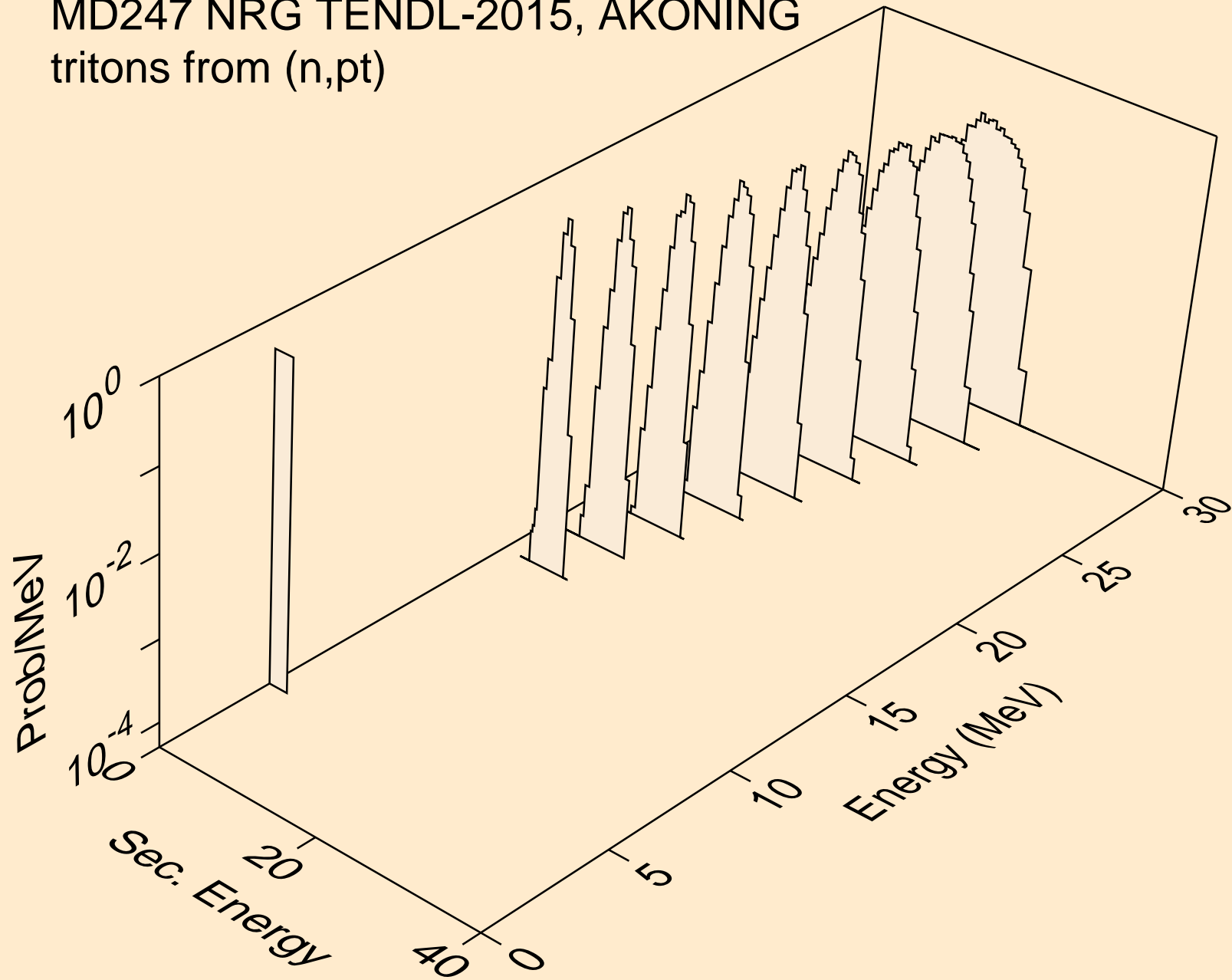
MD247 NRG TENDL-2015, AKONING  
tritons from (n,t)



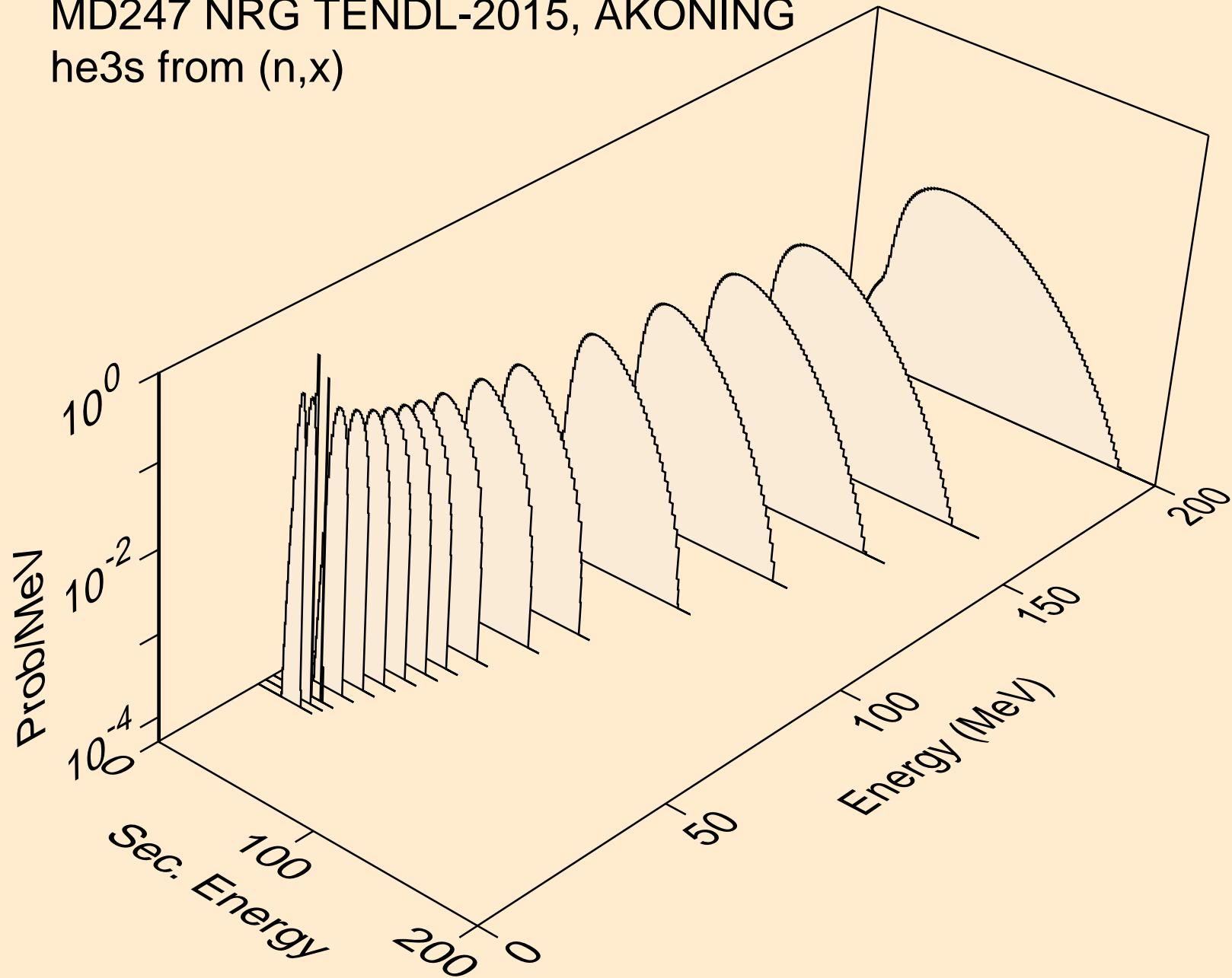
MD247 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



MD247 NRG TENDL-2015, AKONING  
tritons from (n,pt)

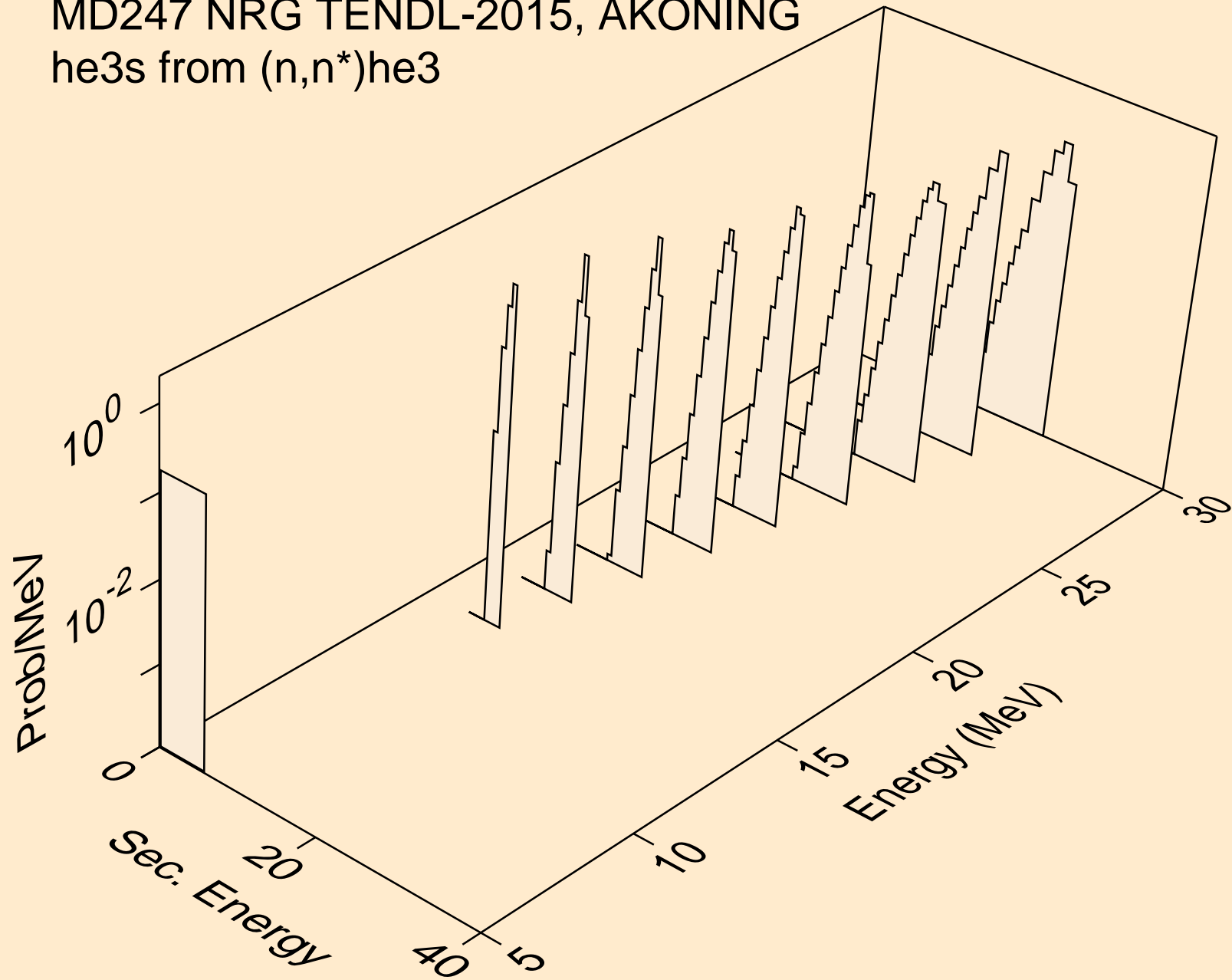


MD247 NRG TENDL-2015, AKONING  
he3s from (n,x)

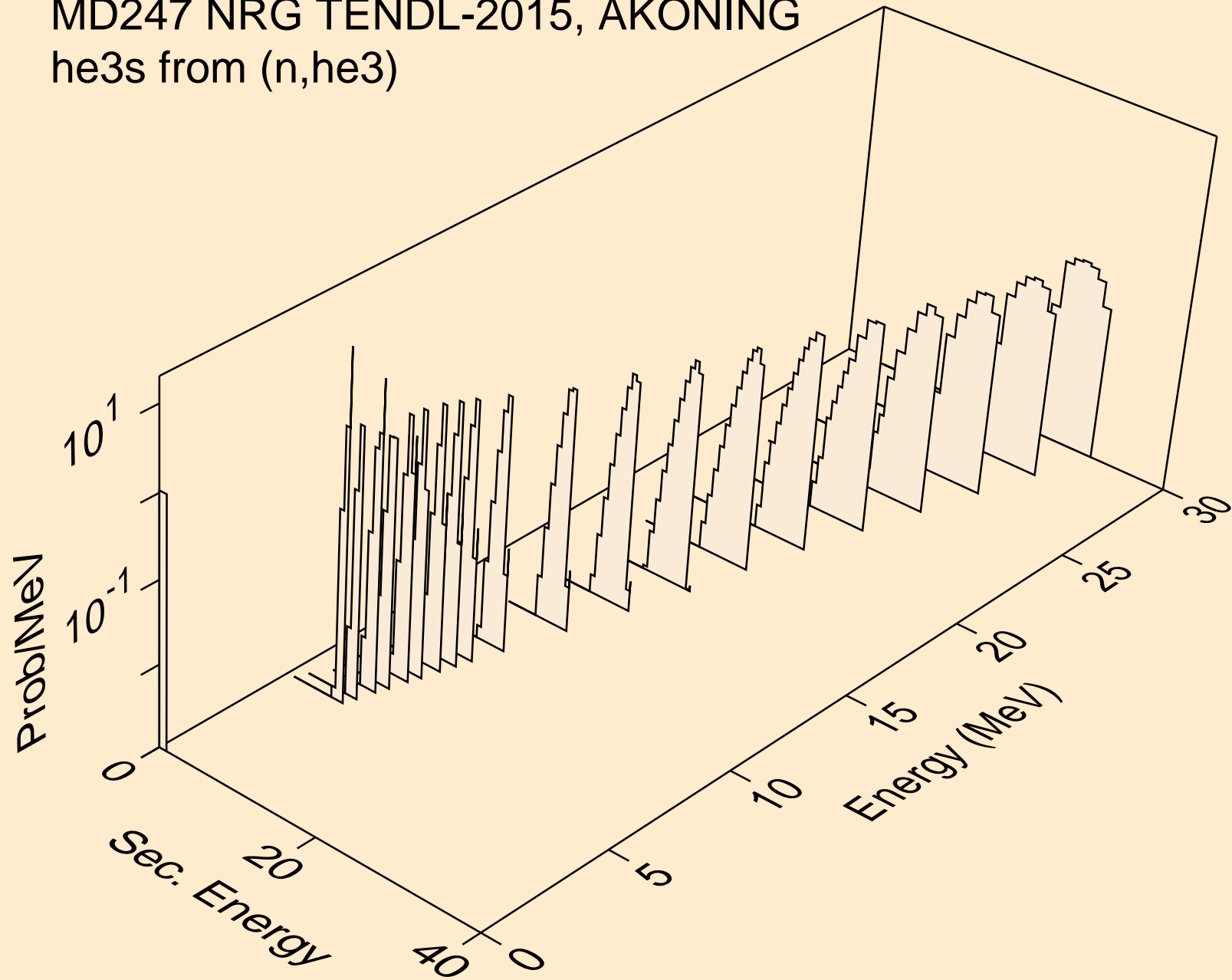




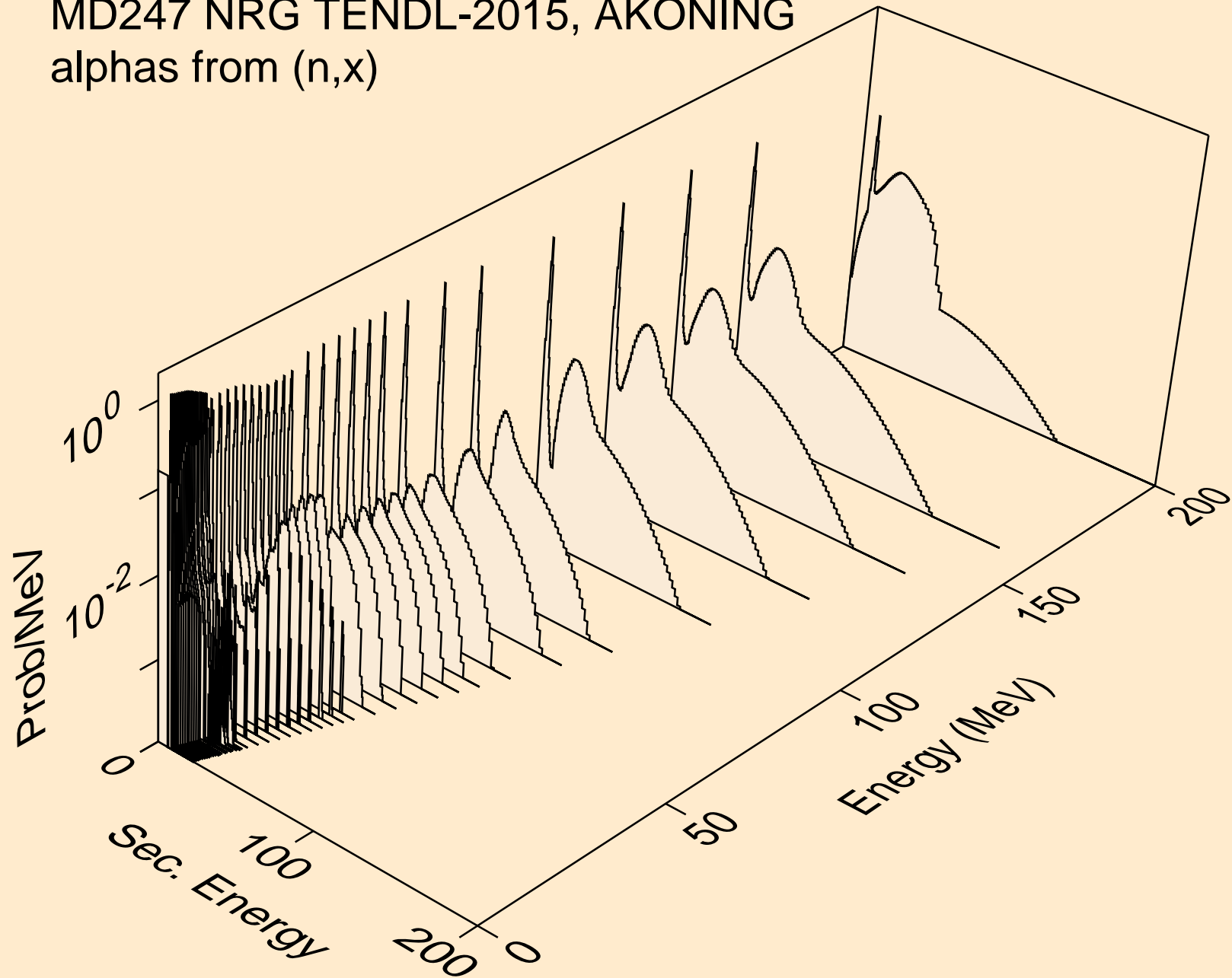
MD247 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



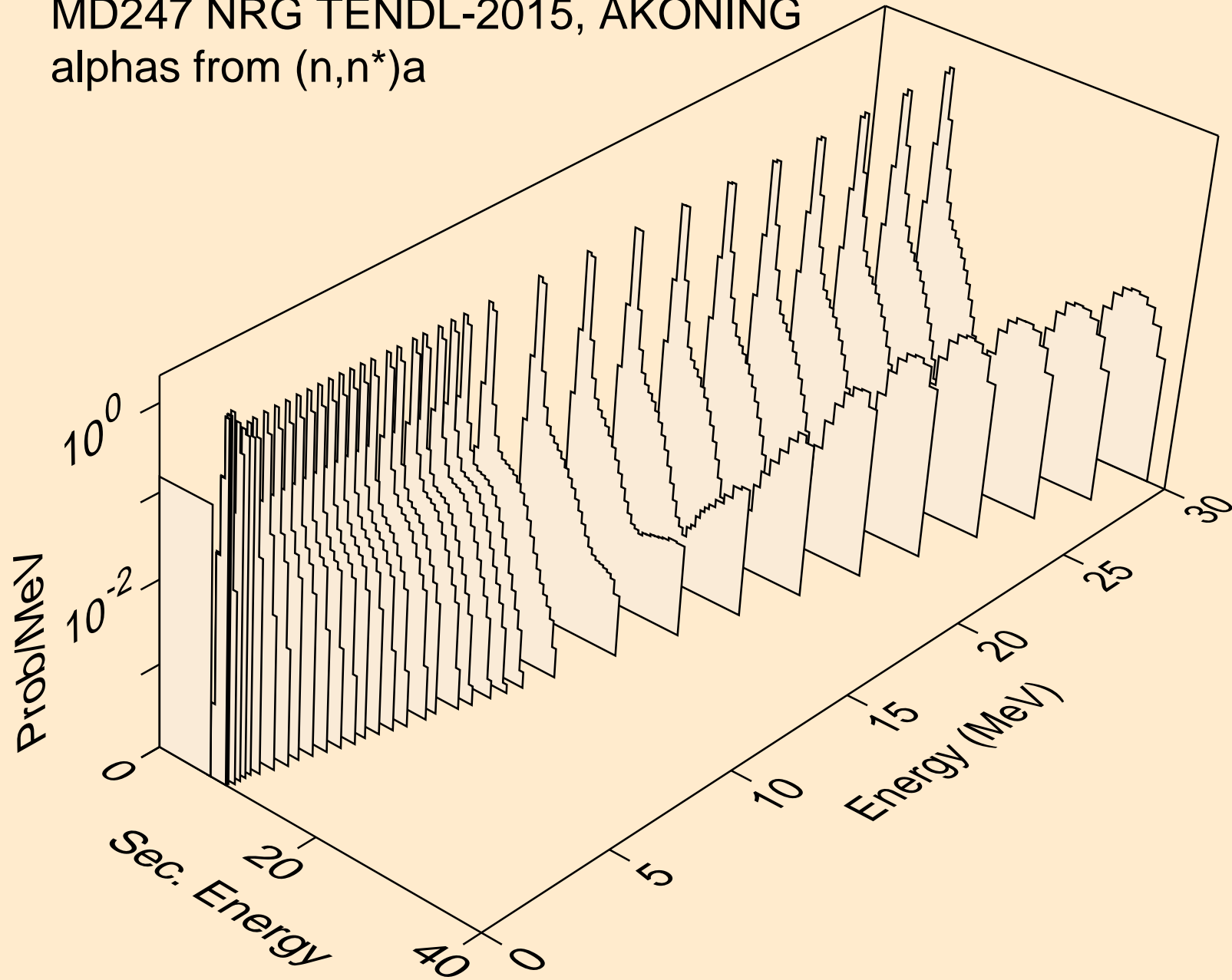
MD247 NRG TENDL-2015, AKONING  
he3s from (n,he3)



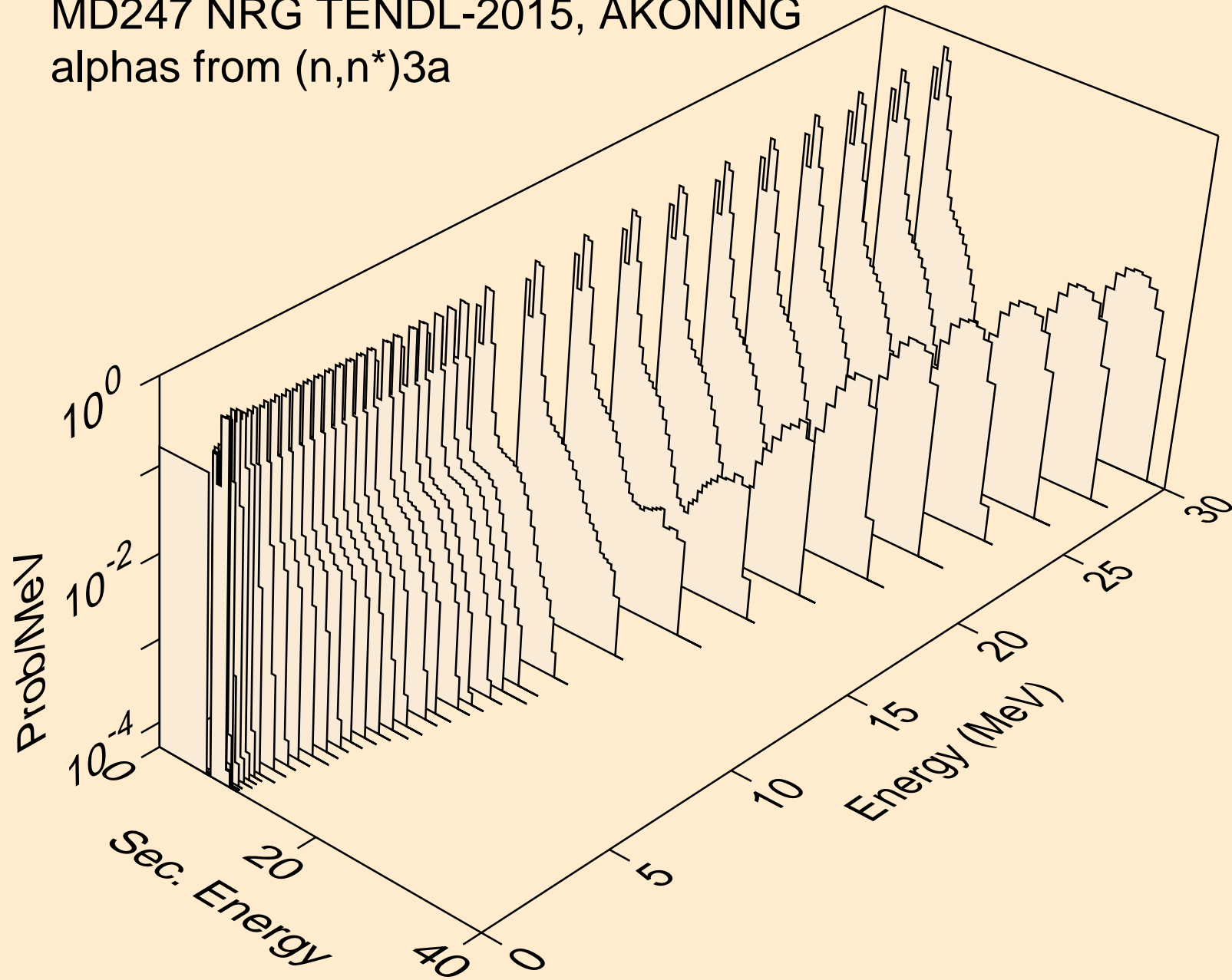
MD247 NRG TENDL-2015, AKONING  
alphas from (n,x)



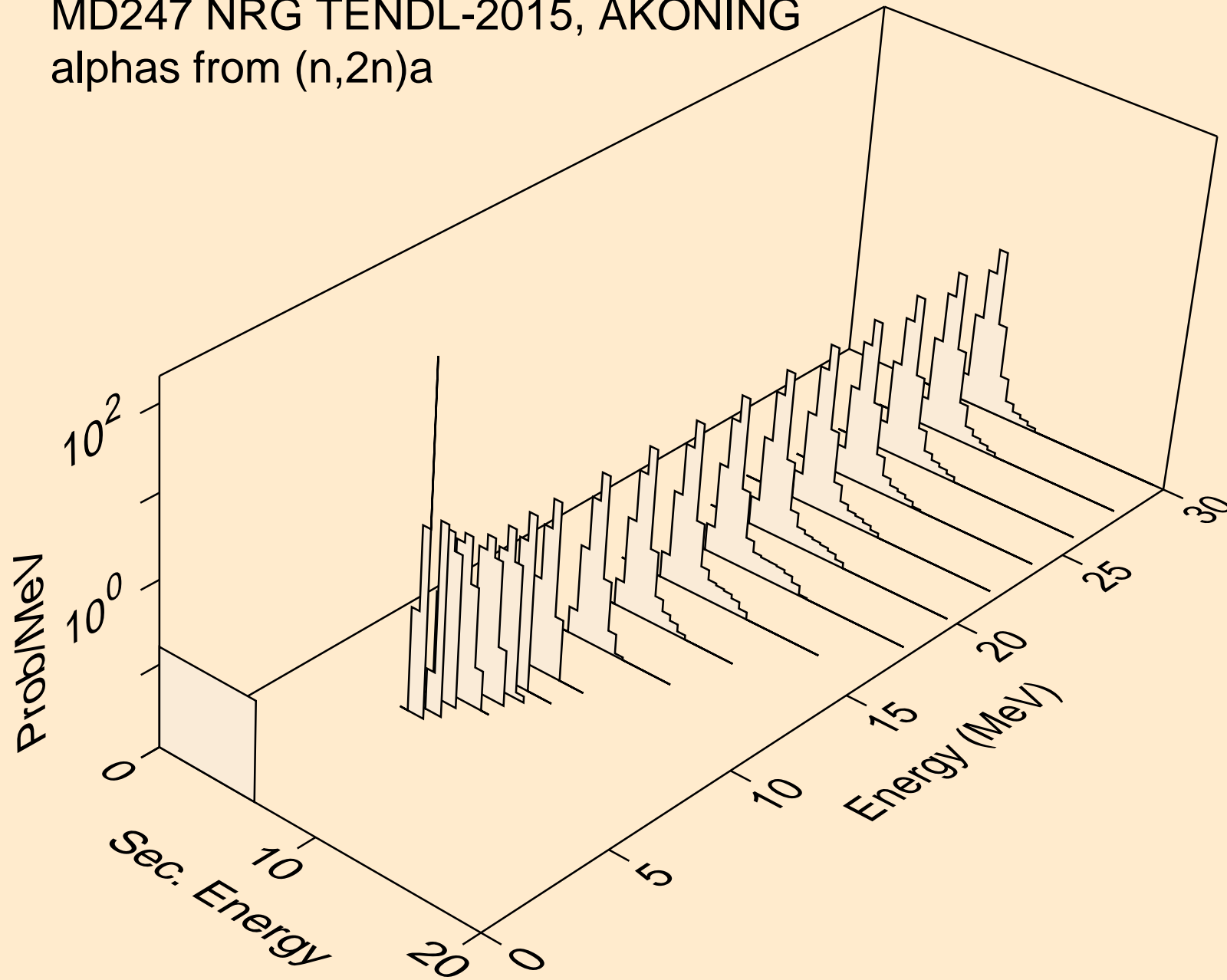
MD247 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



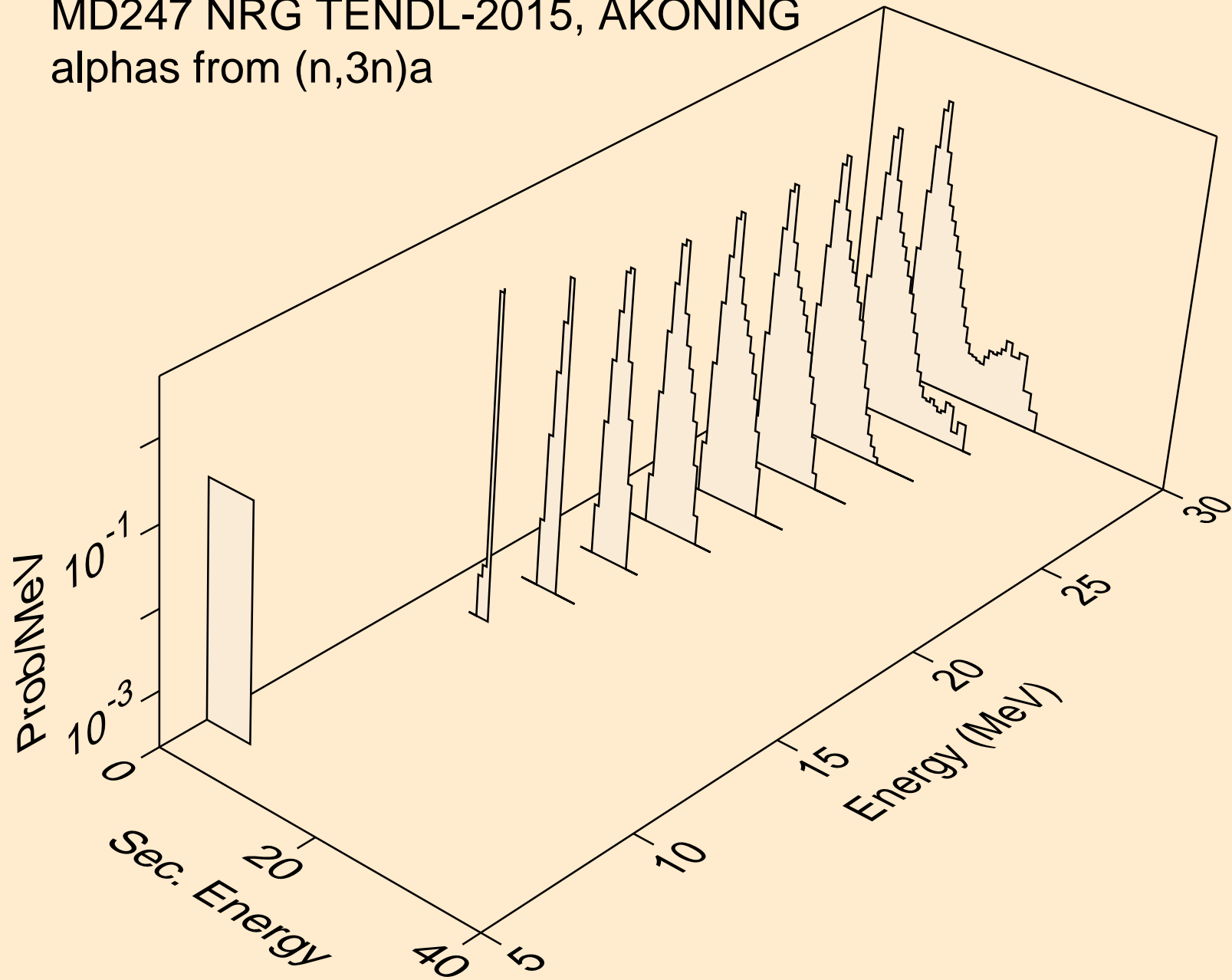
MD247 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



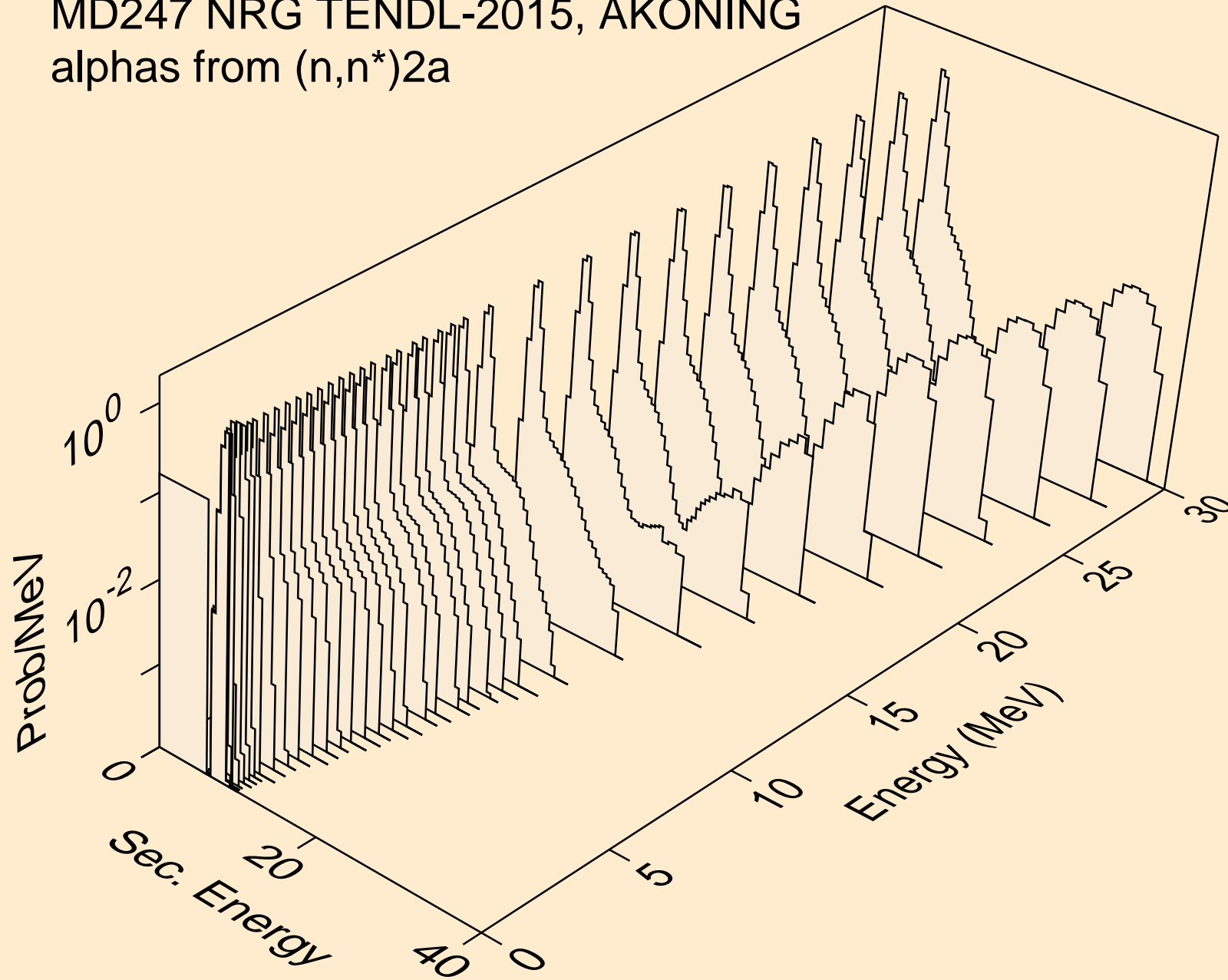
MD247 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



MD247 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

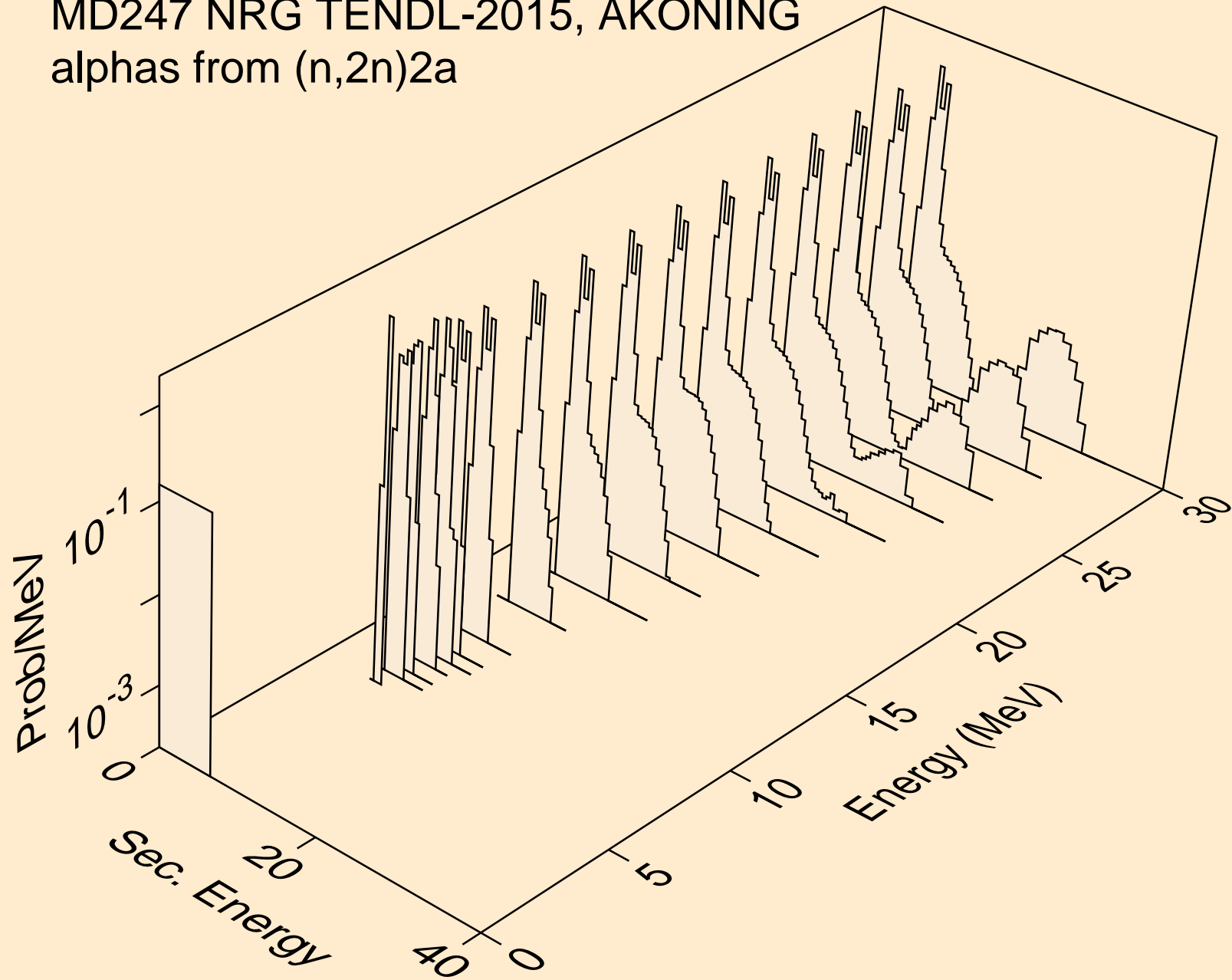


MD247 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

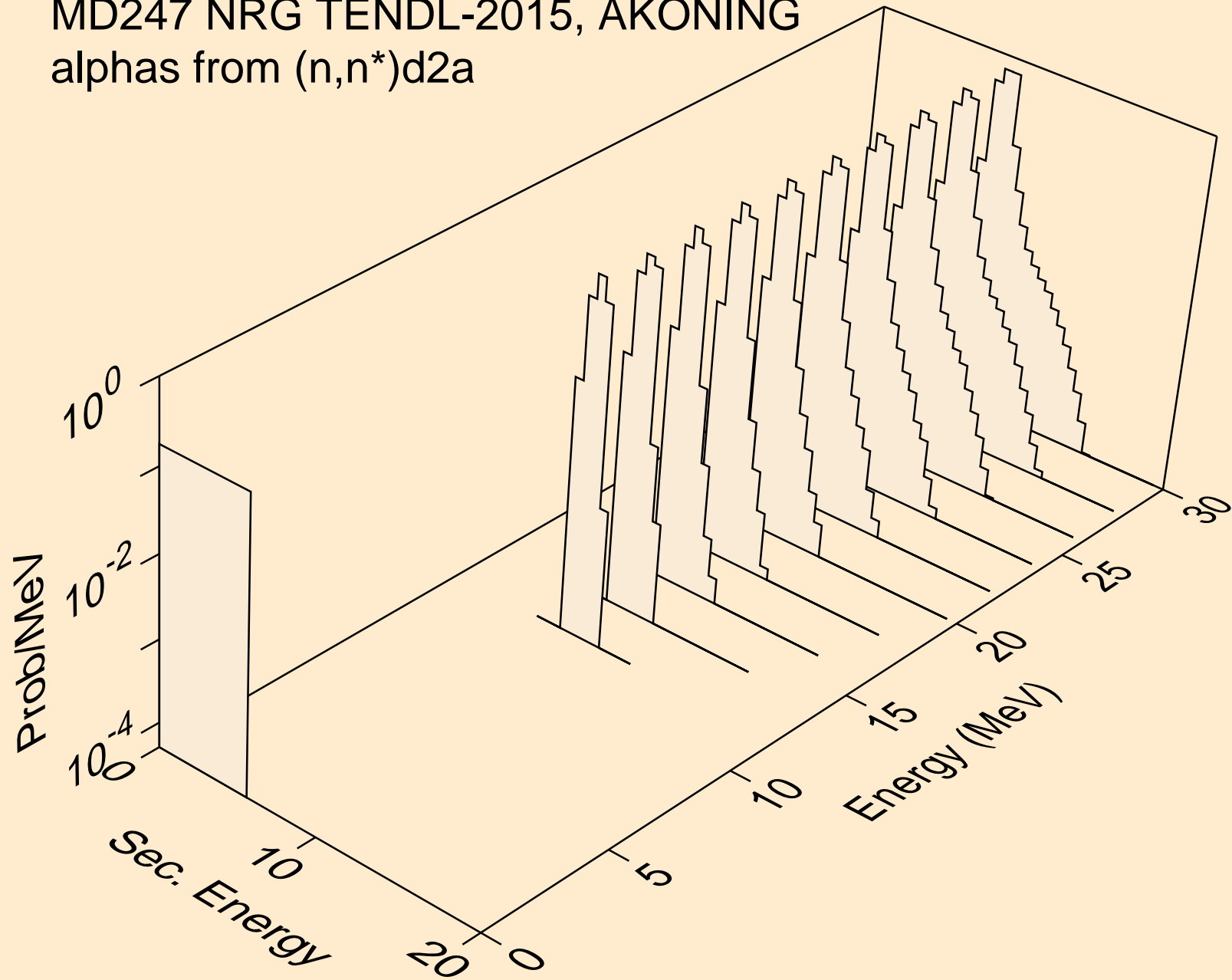




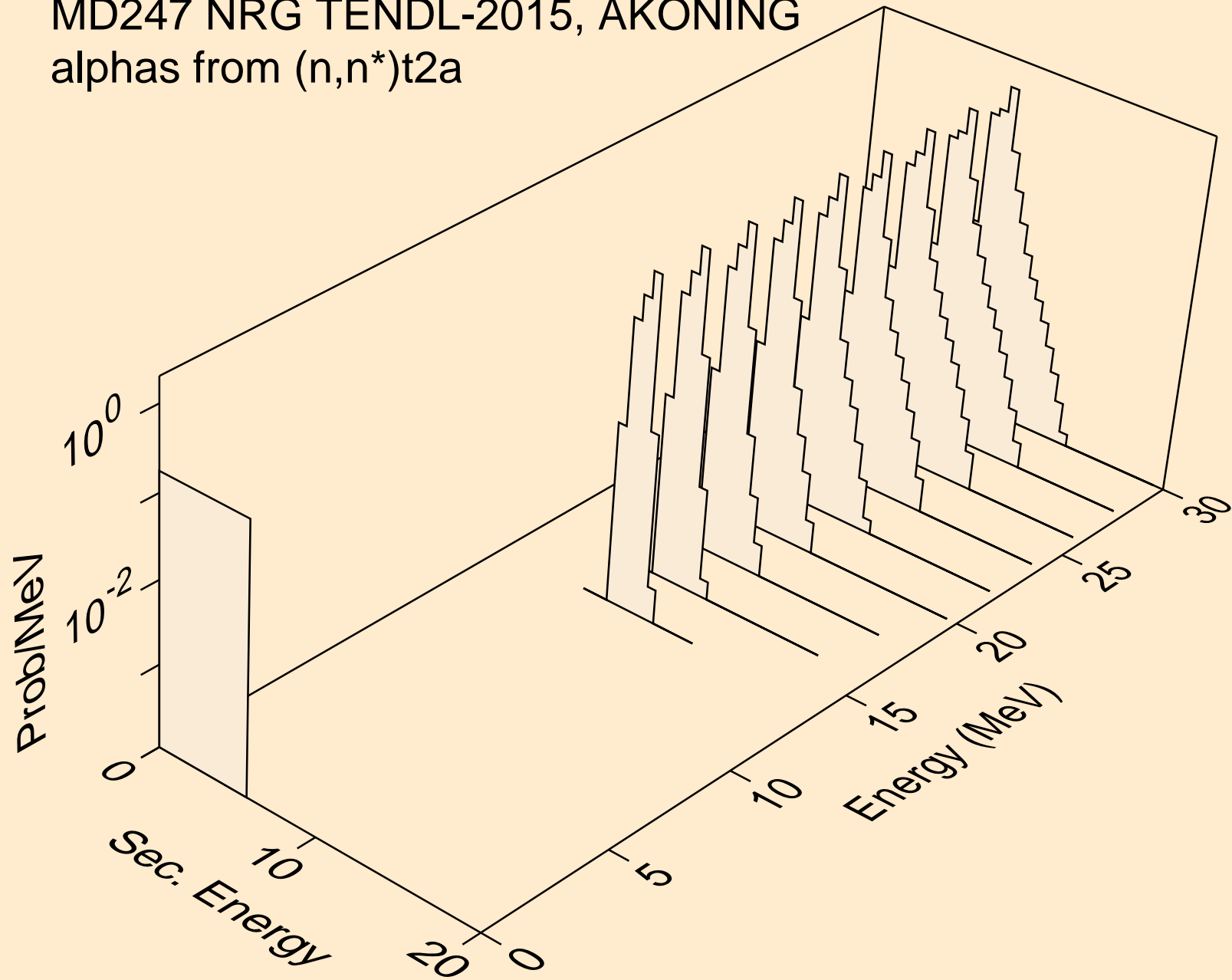
MD247 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



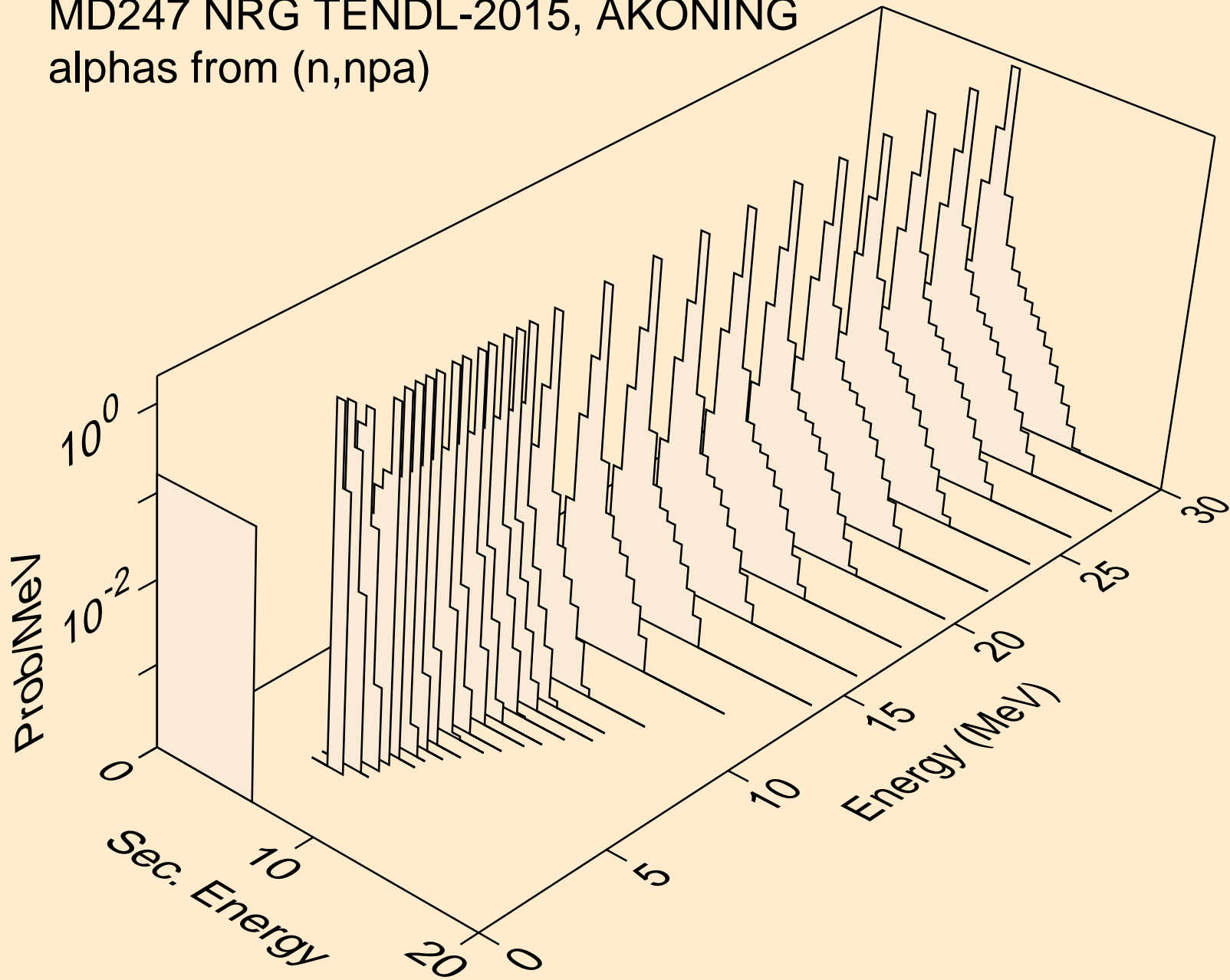
MD247 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a



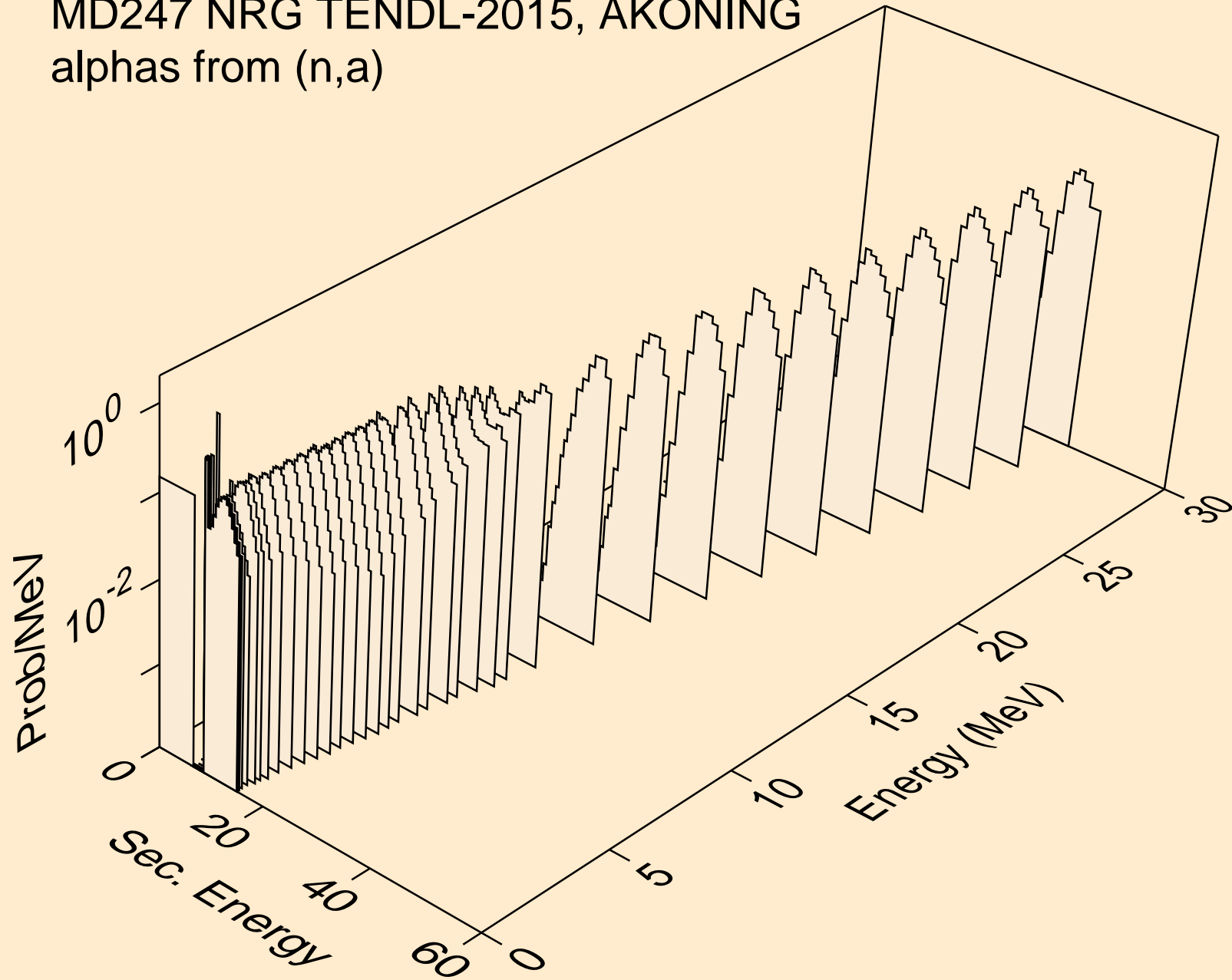
MD247 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



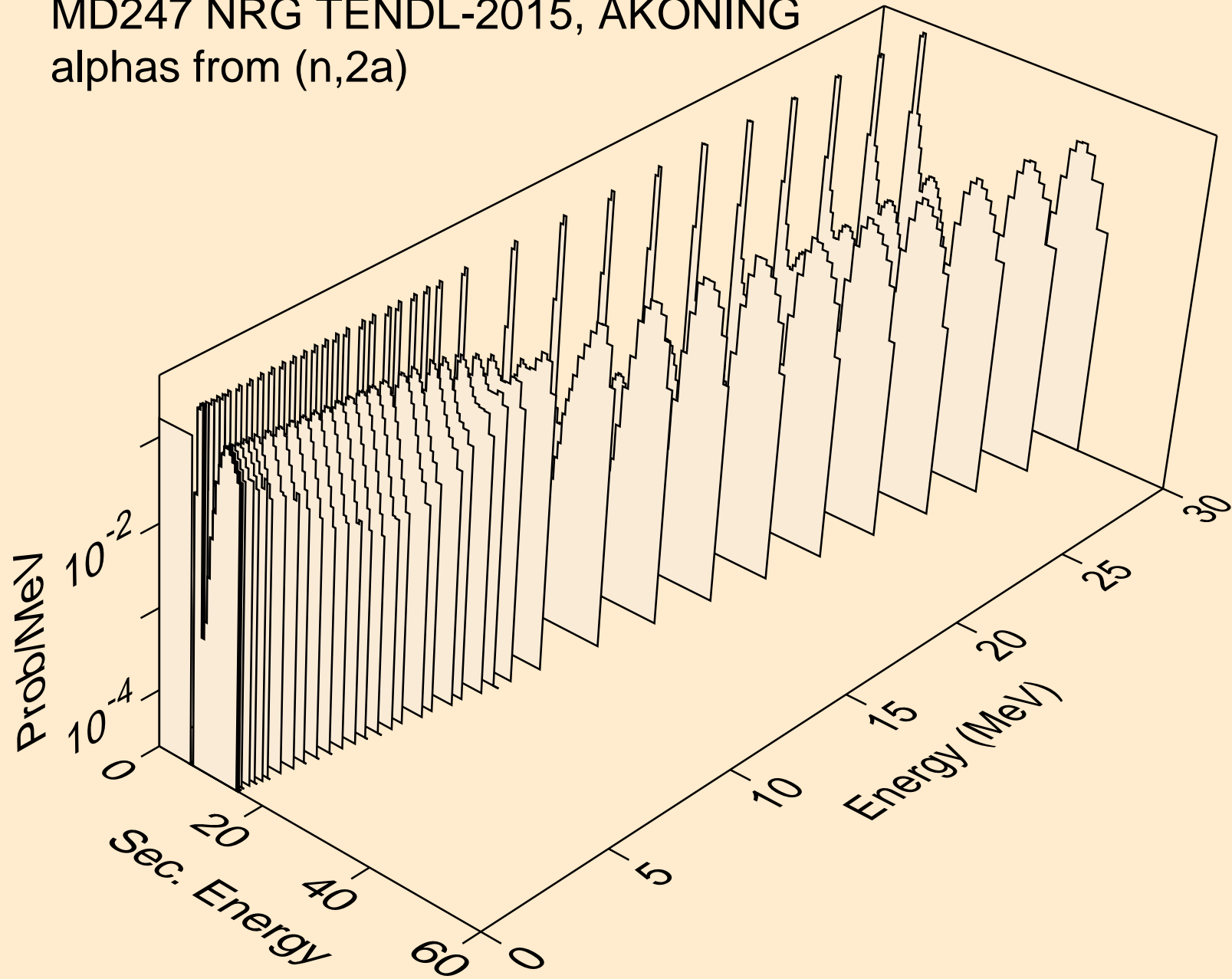
MD247 NRG TENDL-2015, AKONING  
alphas from (n,npa)



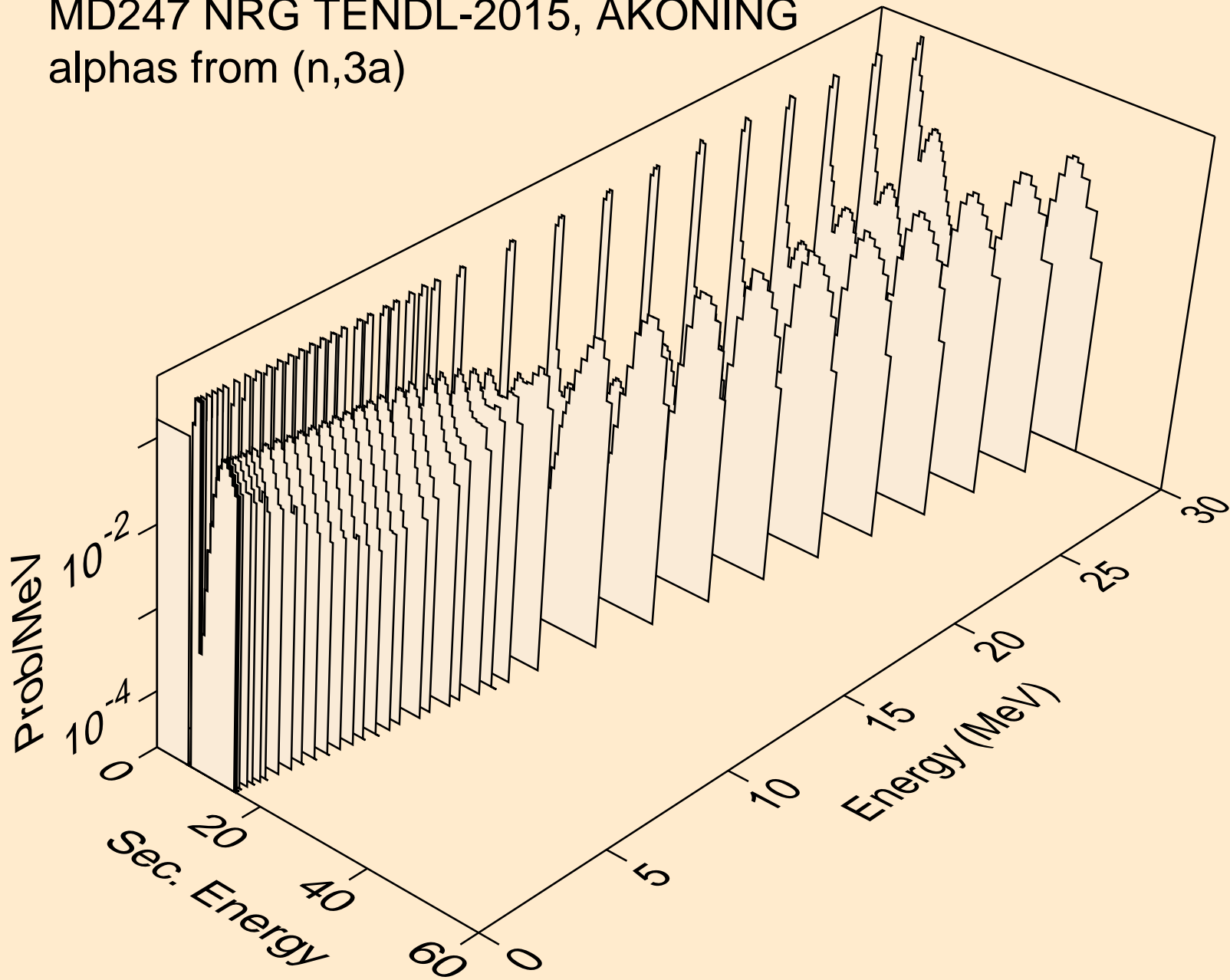
MD247 NRG TENDL-2015, AKONING  
alphas from (n,a)



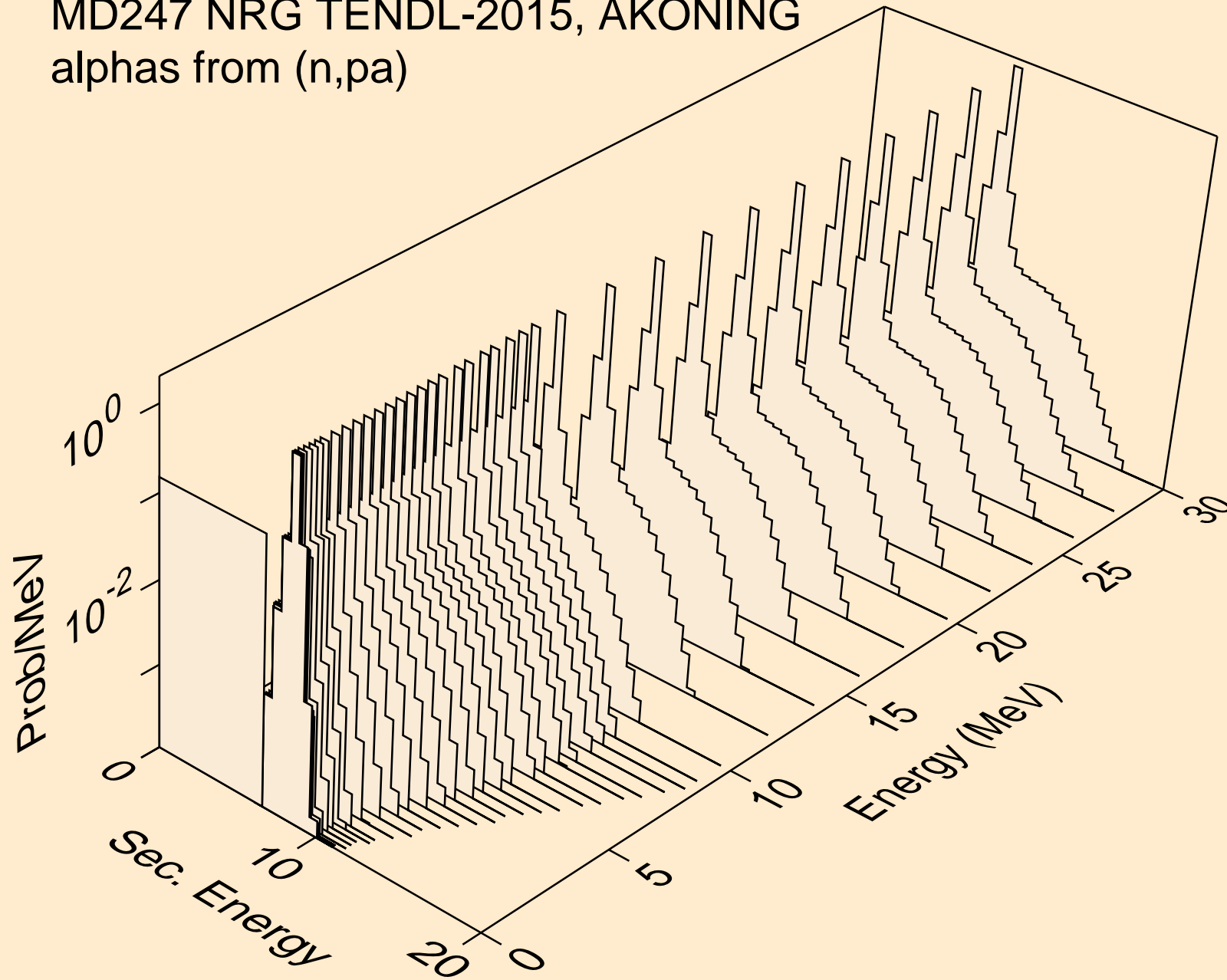
MD247 NRG TENDL-2015, AKONING  
alphas from (n,2a)



MD247 NRG TENDL-2015, AKONING  
alphas from (n,3a)

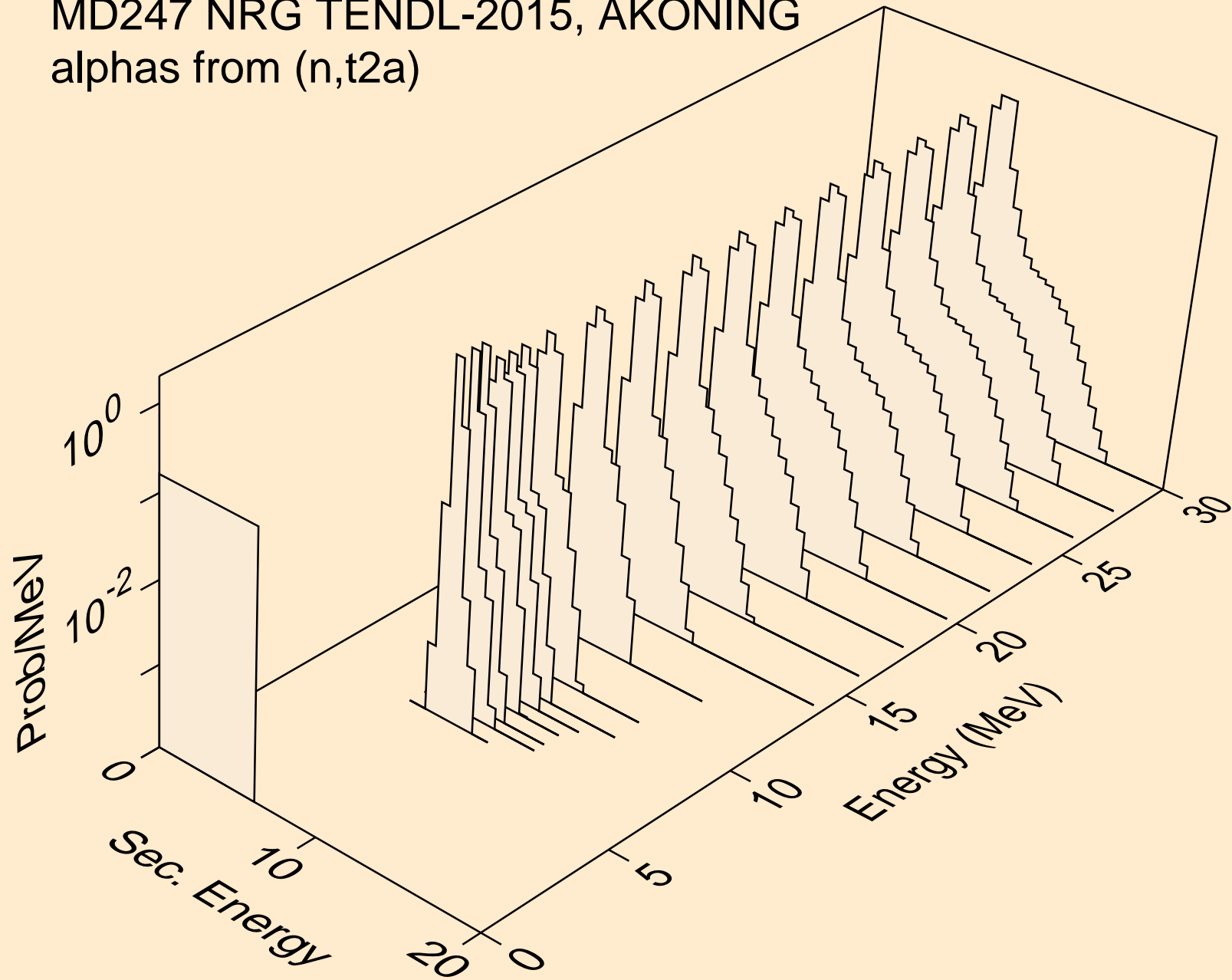


MD247 NRG TENDL-2015, AKONING  
alphas from (n,pa)

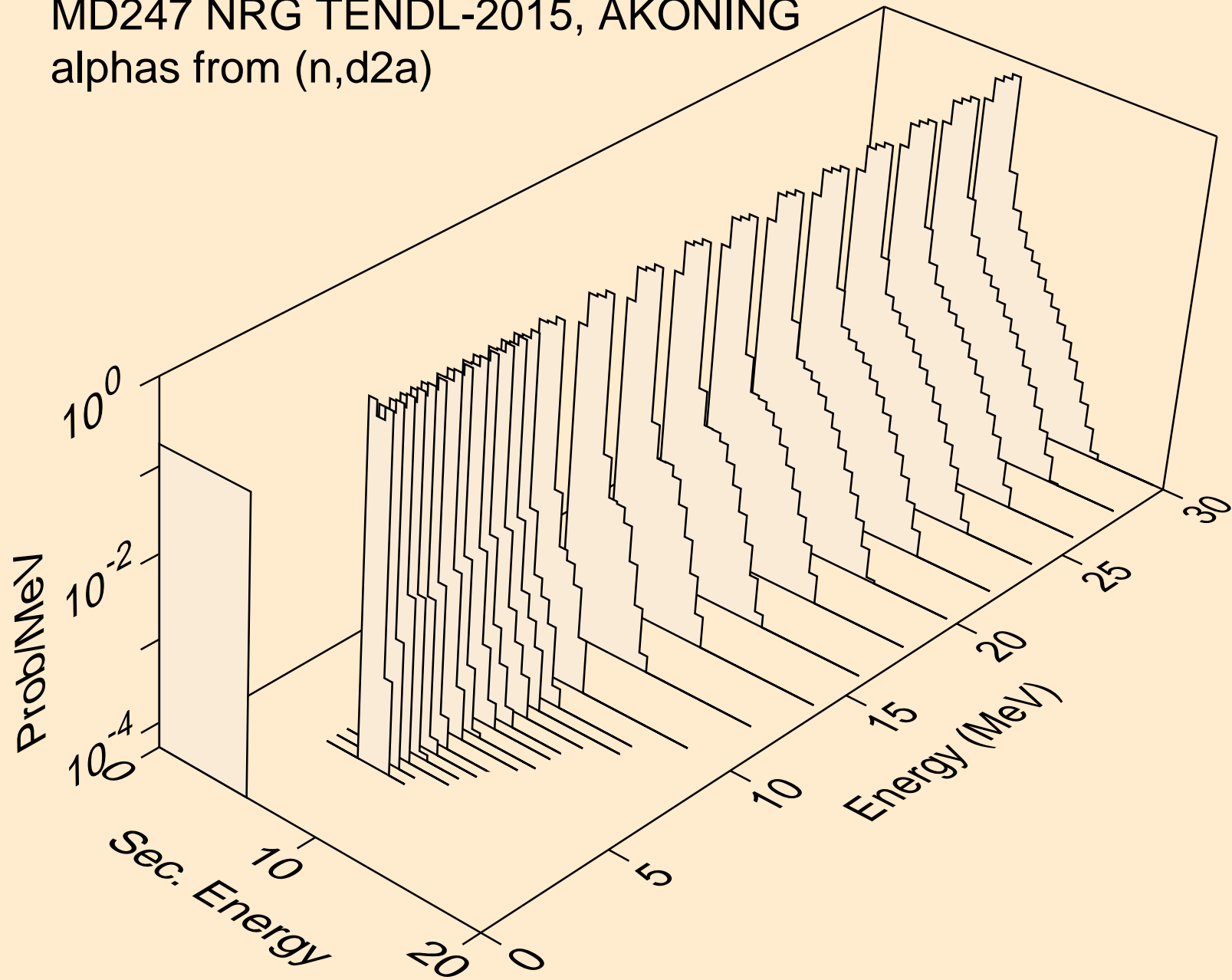




MD247 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



MD247 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



MD247 NRG TENDL-2015, AKONING  
alphas from (n,da)

