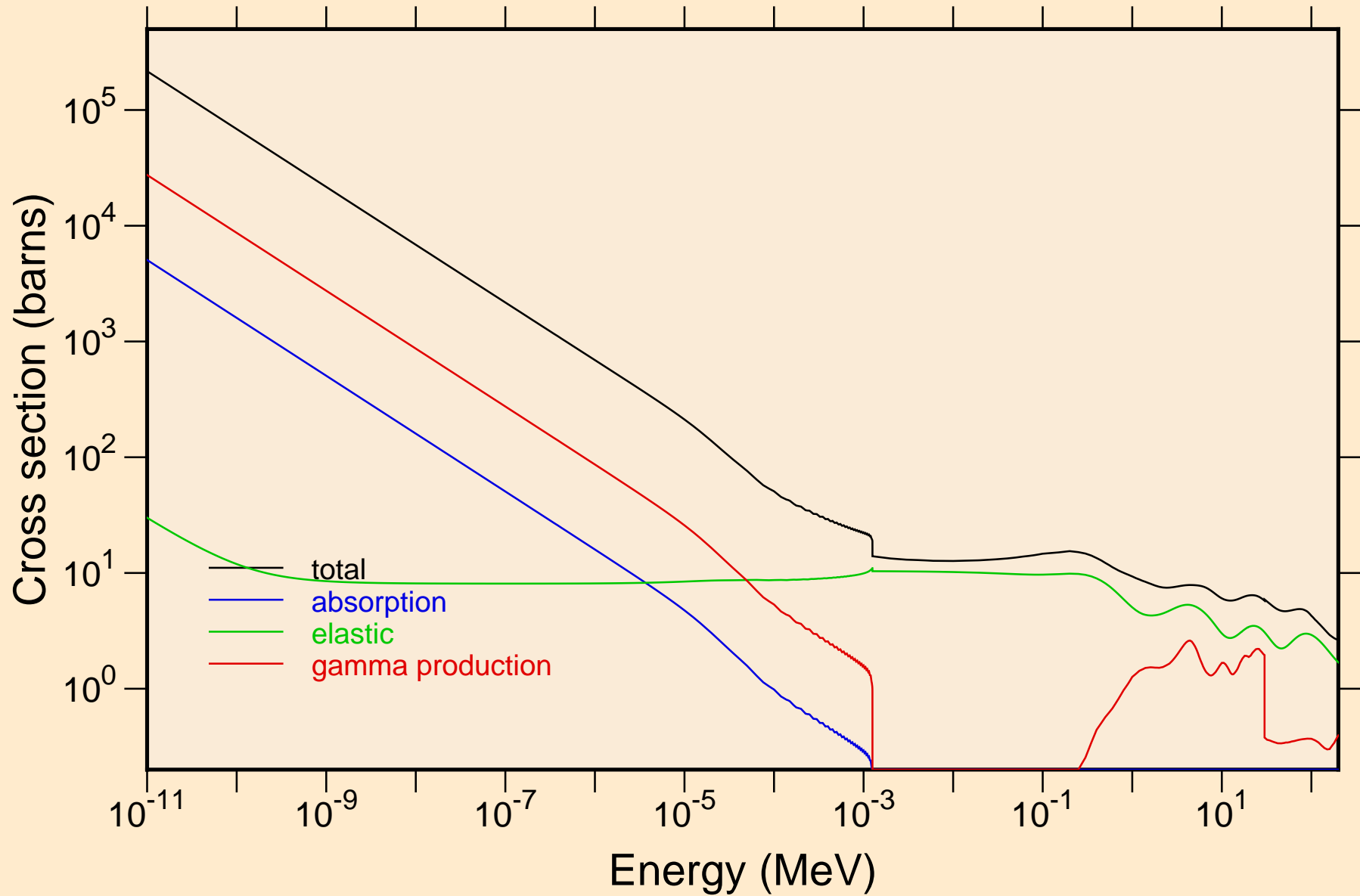


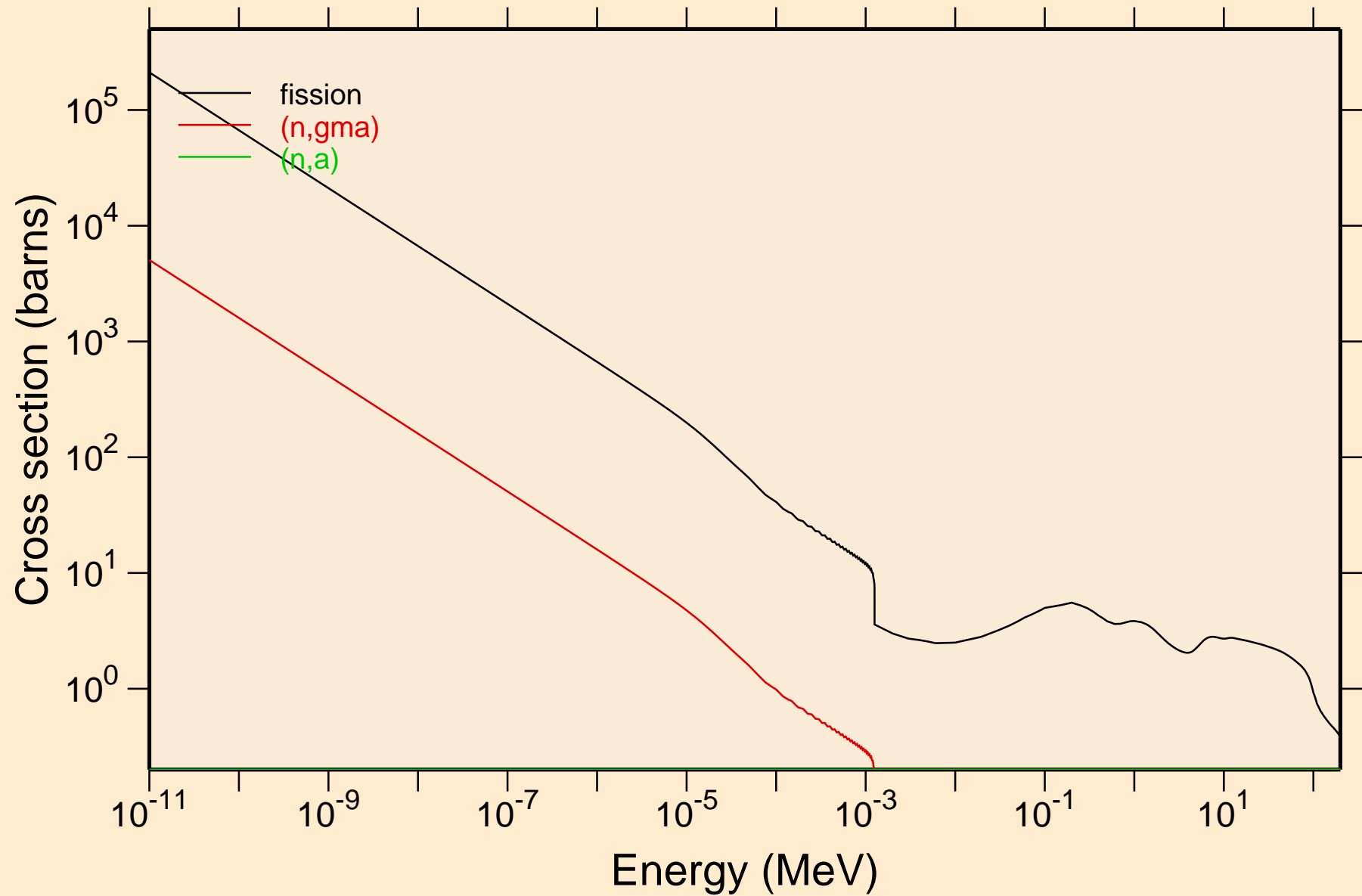
# ES258 NRG TENDL-2015, AKONING

## Principal cross sections



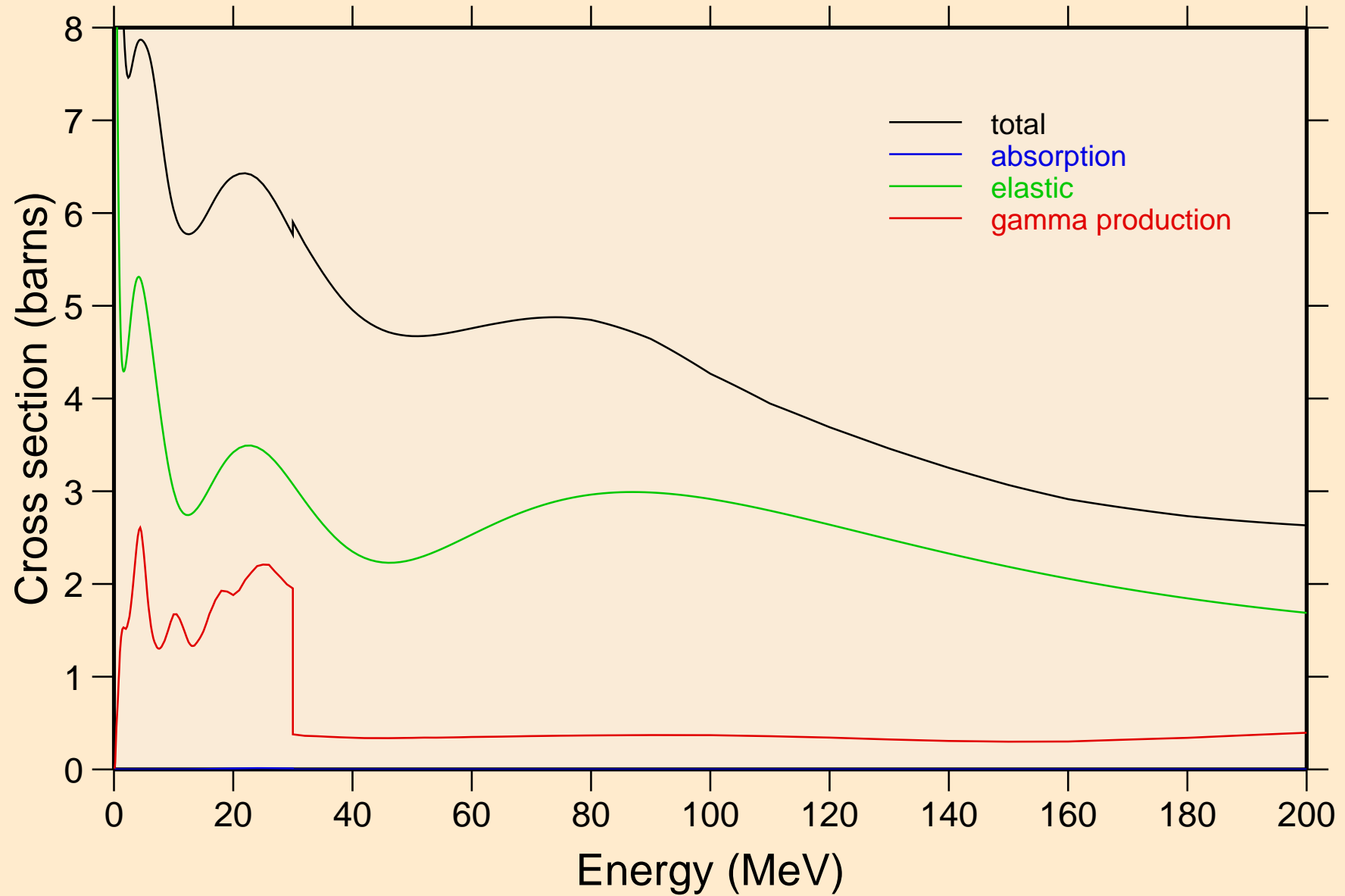
# ES258 NRG TENDL-2015, AKONING

## Non-threshold reactions



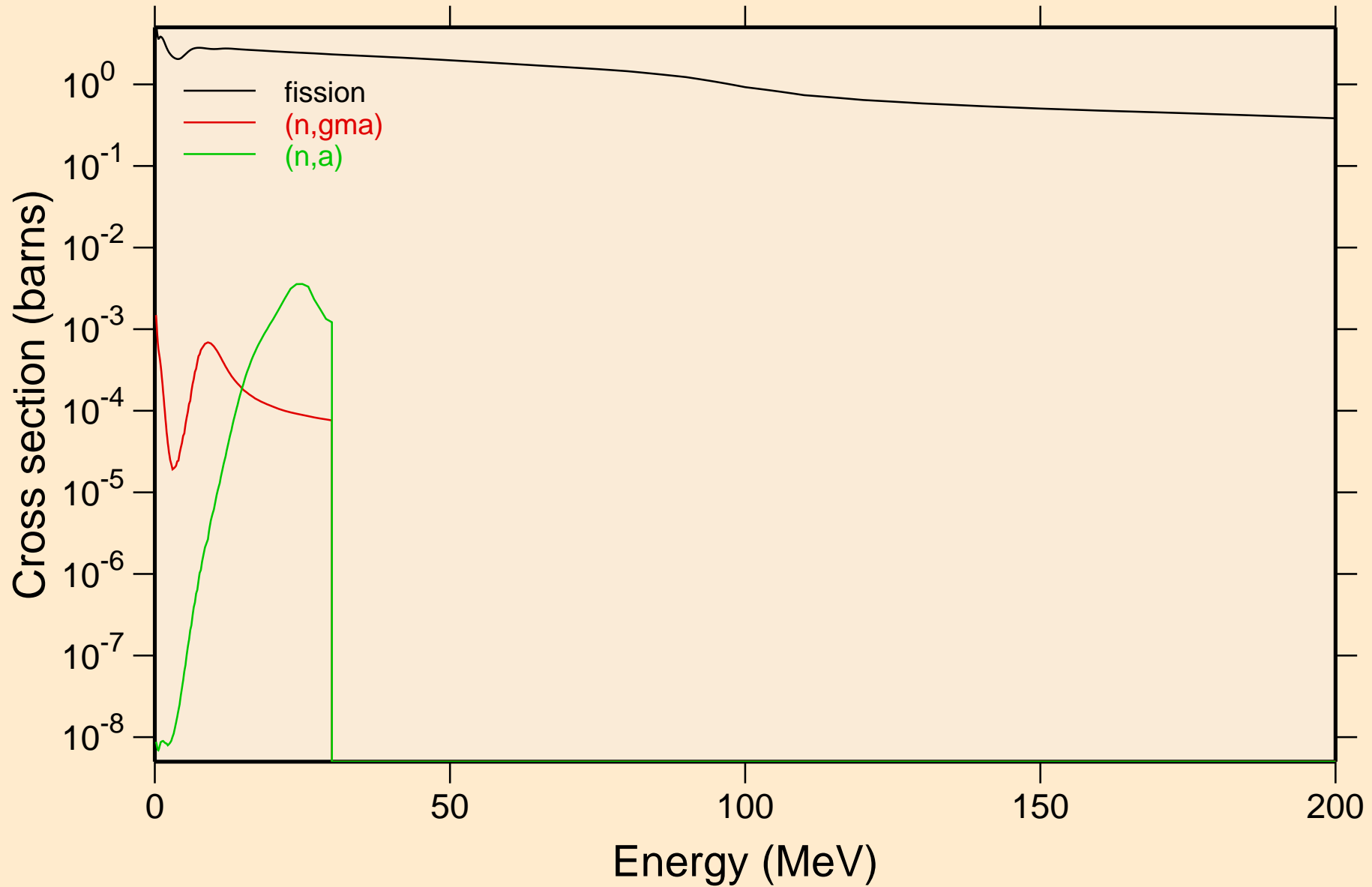
# ES258 NRG TENDL-2015, AKONING

## Principal cross sections

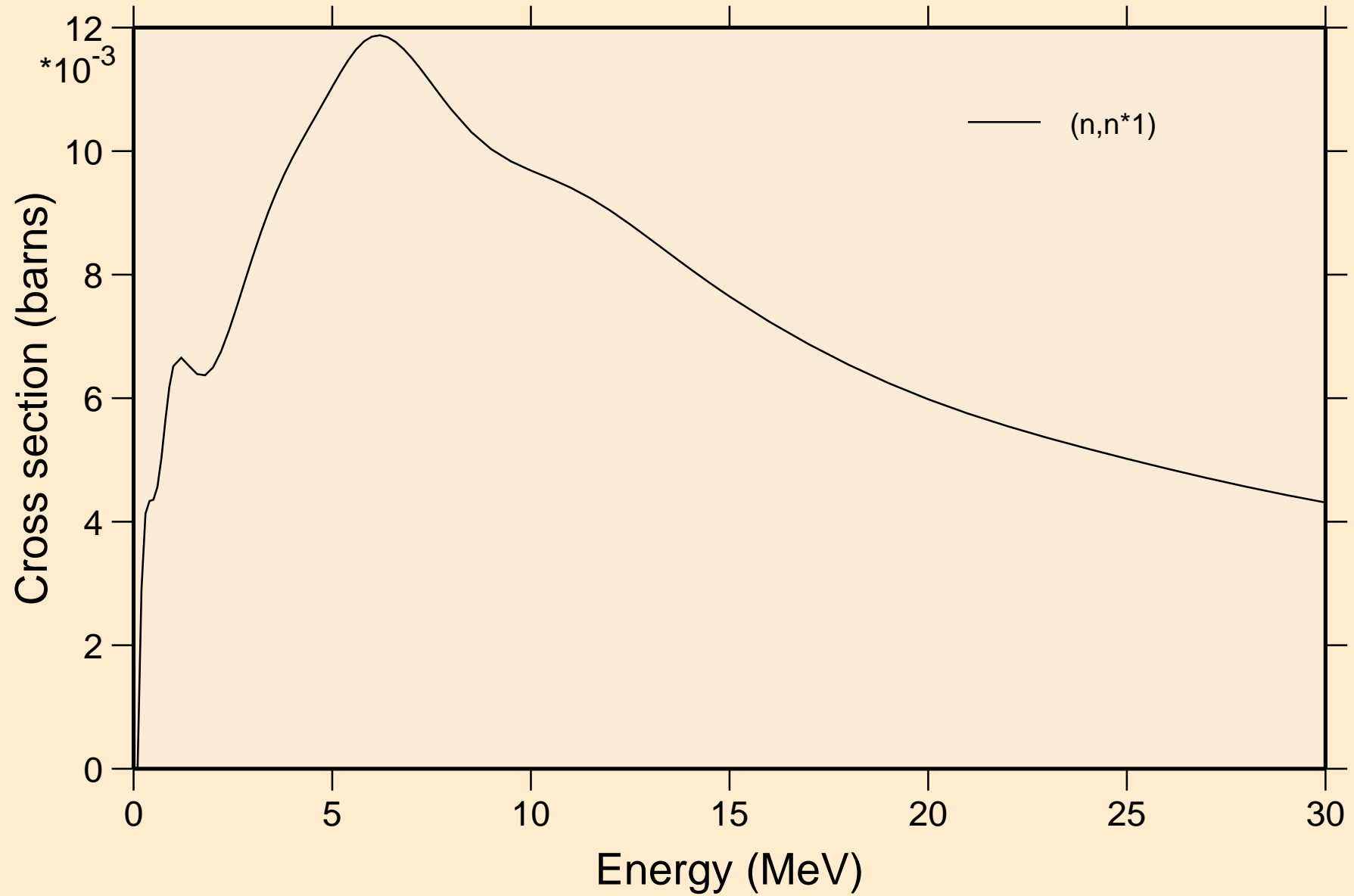


# ES258 NRG TENDL-2015, AKONING

## Non-threshold reactions

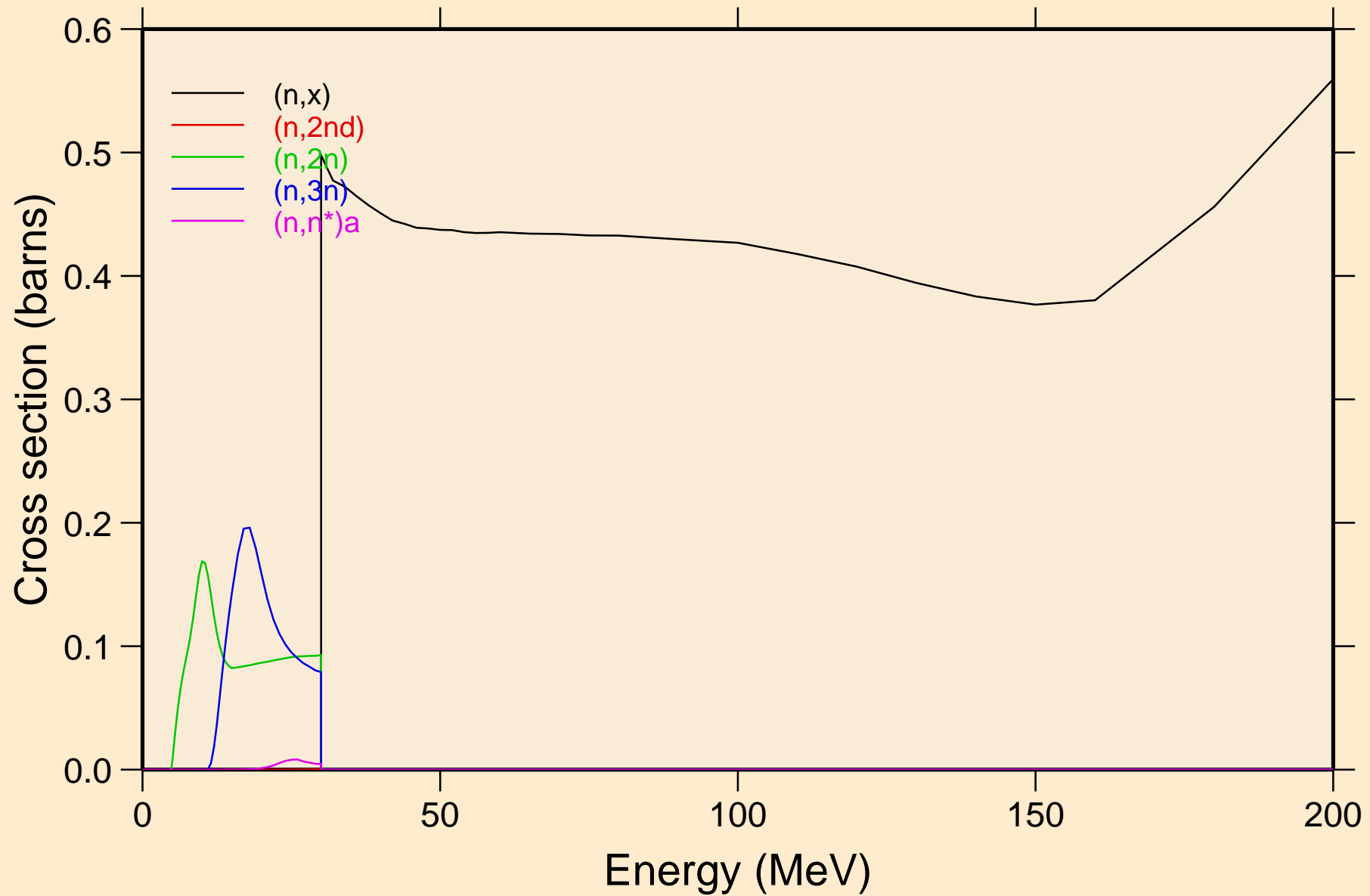


ES258 NRG TENDL-2015, AKONING  
Inelastic levels



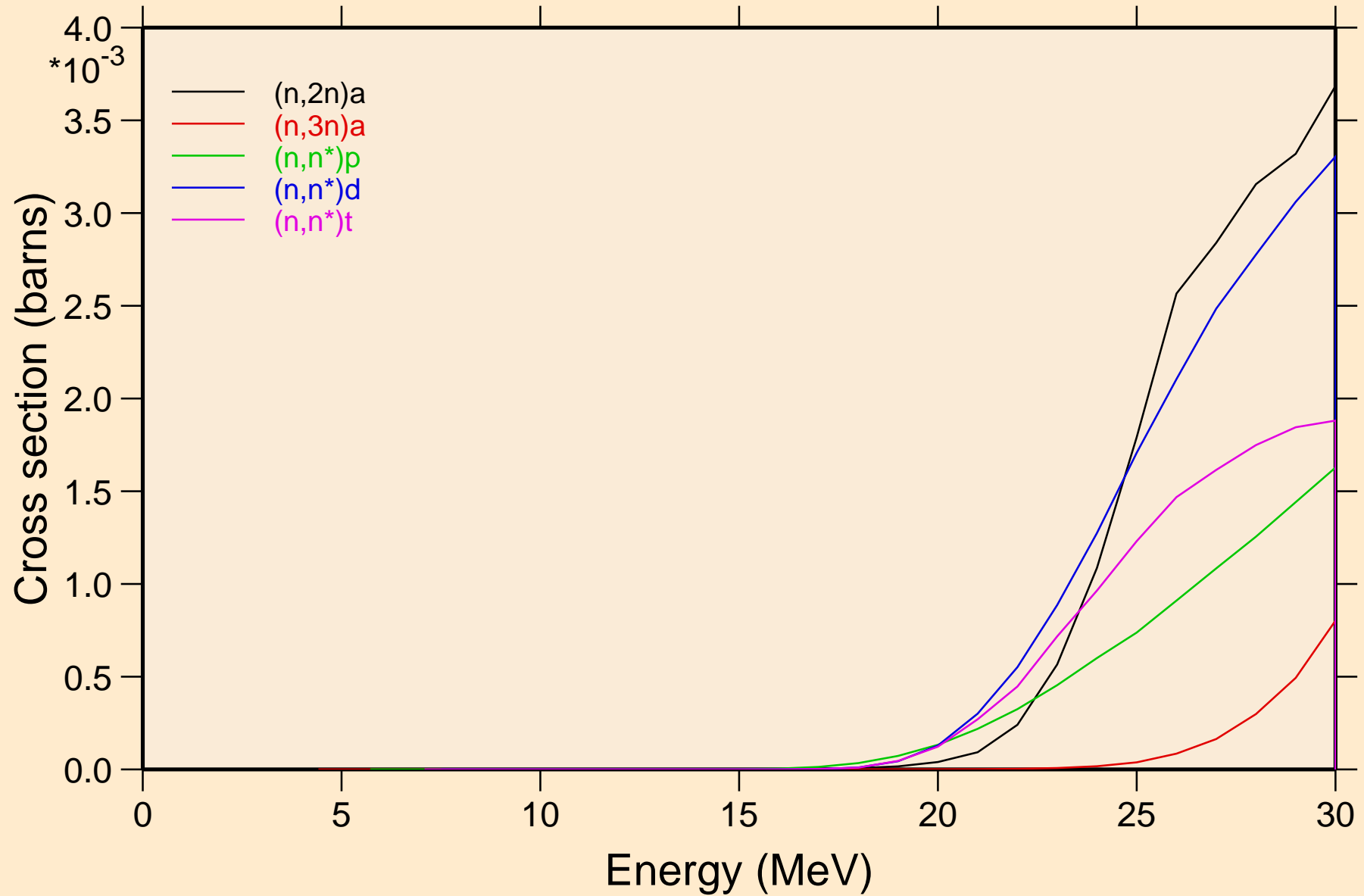
# ES258 NRG TENDL-2015, AKONING

## Threshold reactions



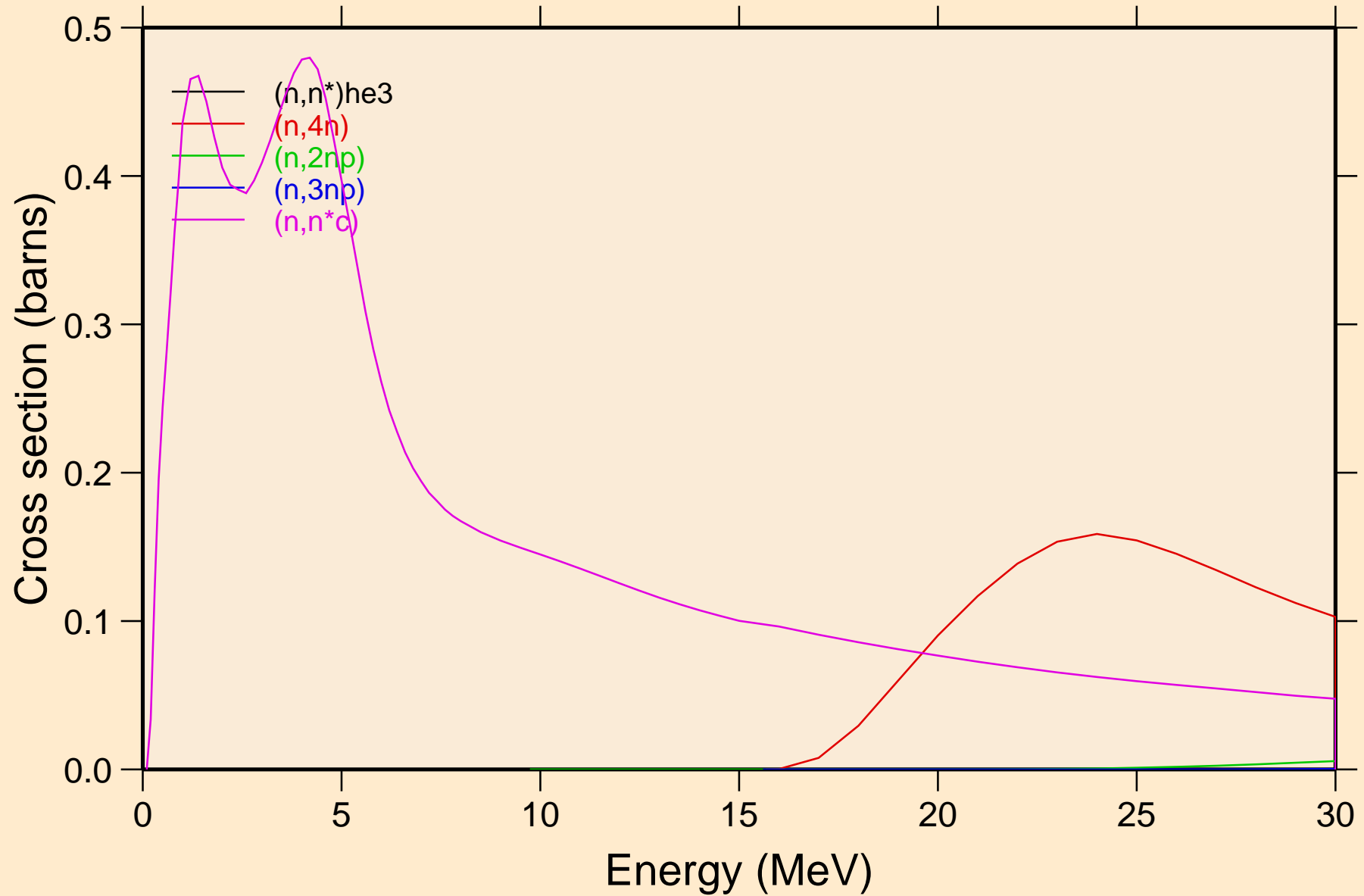
# ES258 NRG TENDL-2015, AKONING

## Threshold reactions



# ES258 NRG TENDL-2015, AKONING

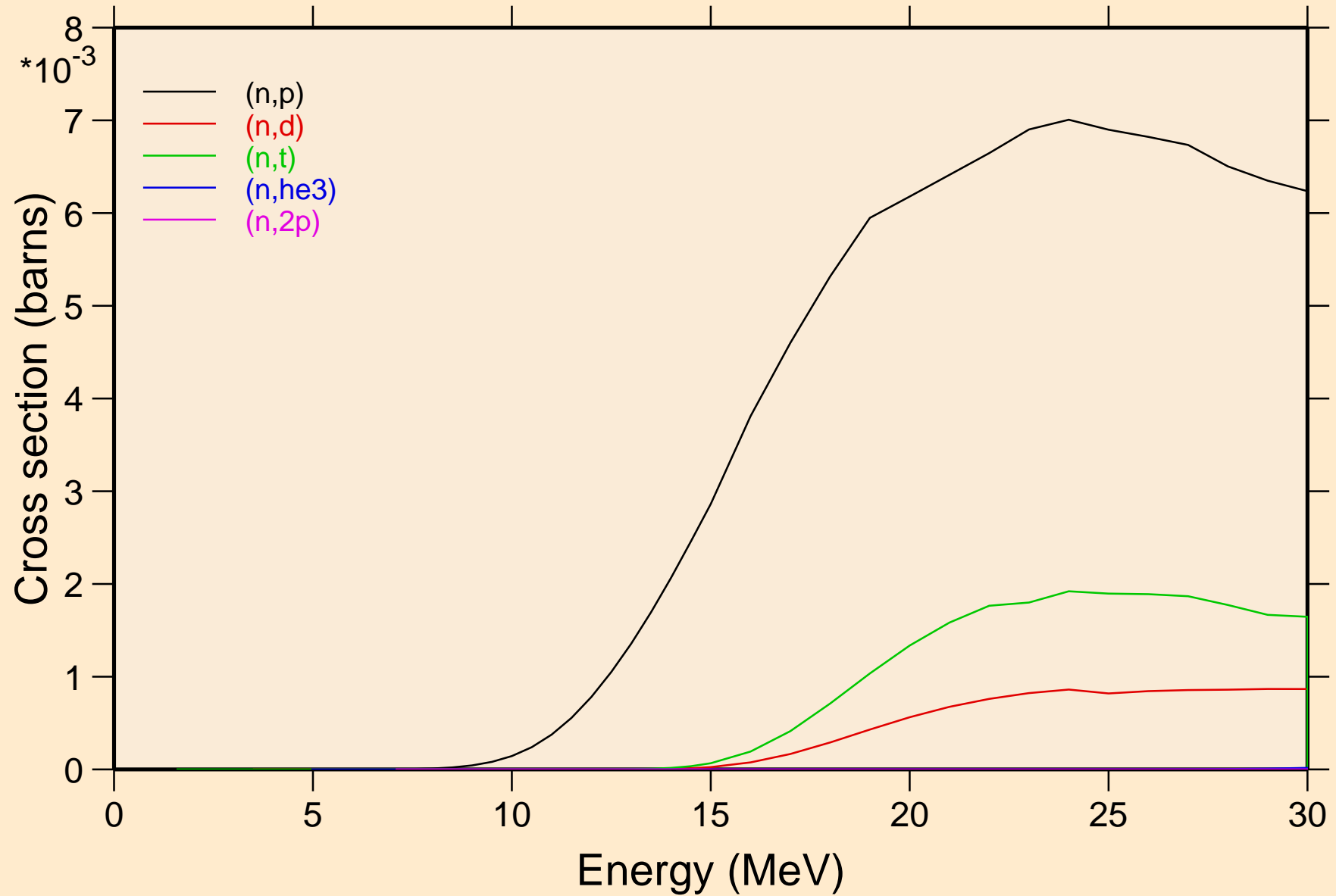
## Threshold reactions



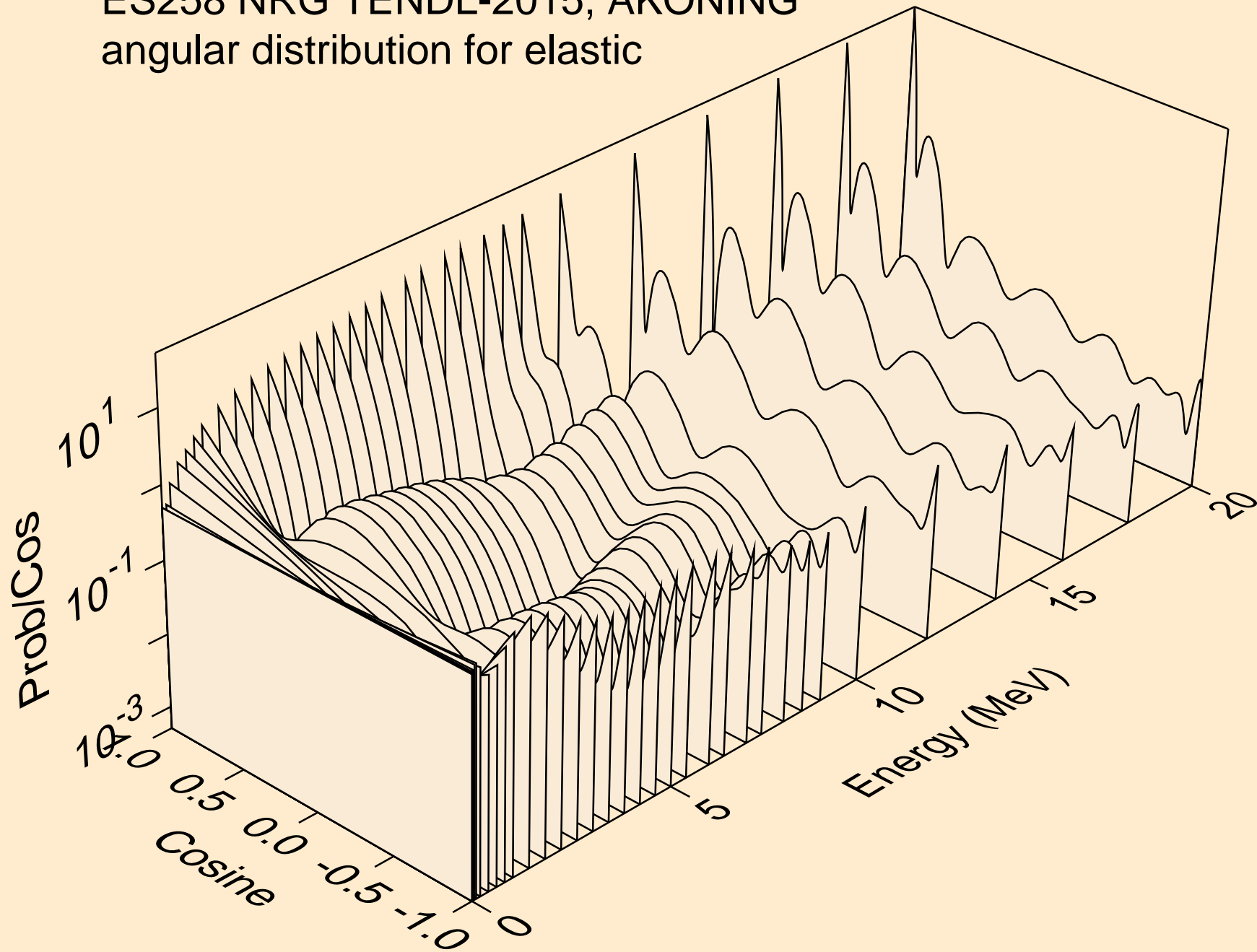


# ES258 NRG TENDL-2015, AKONING

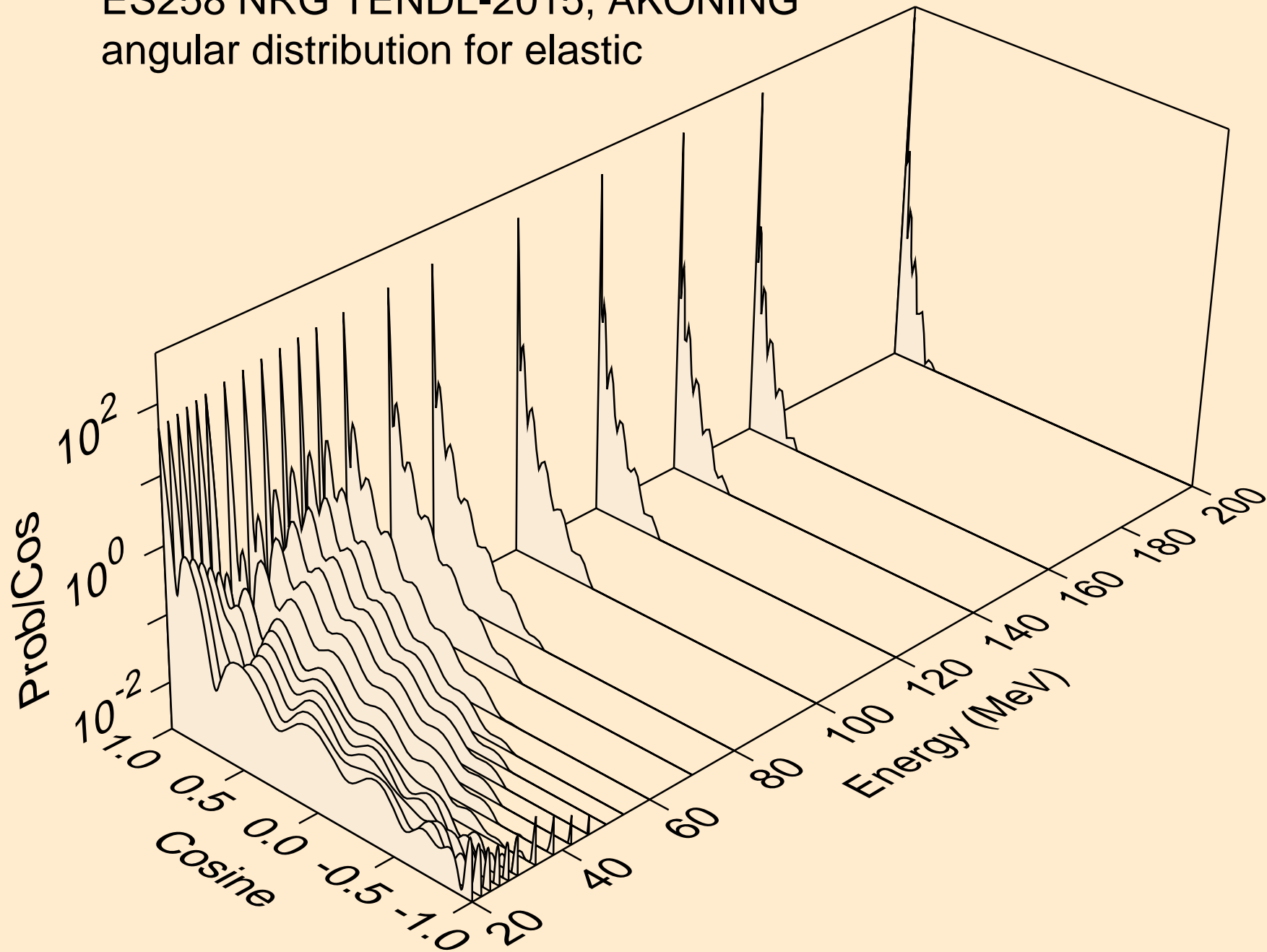
## Threshold reactions



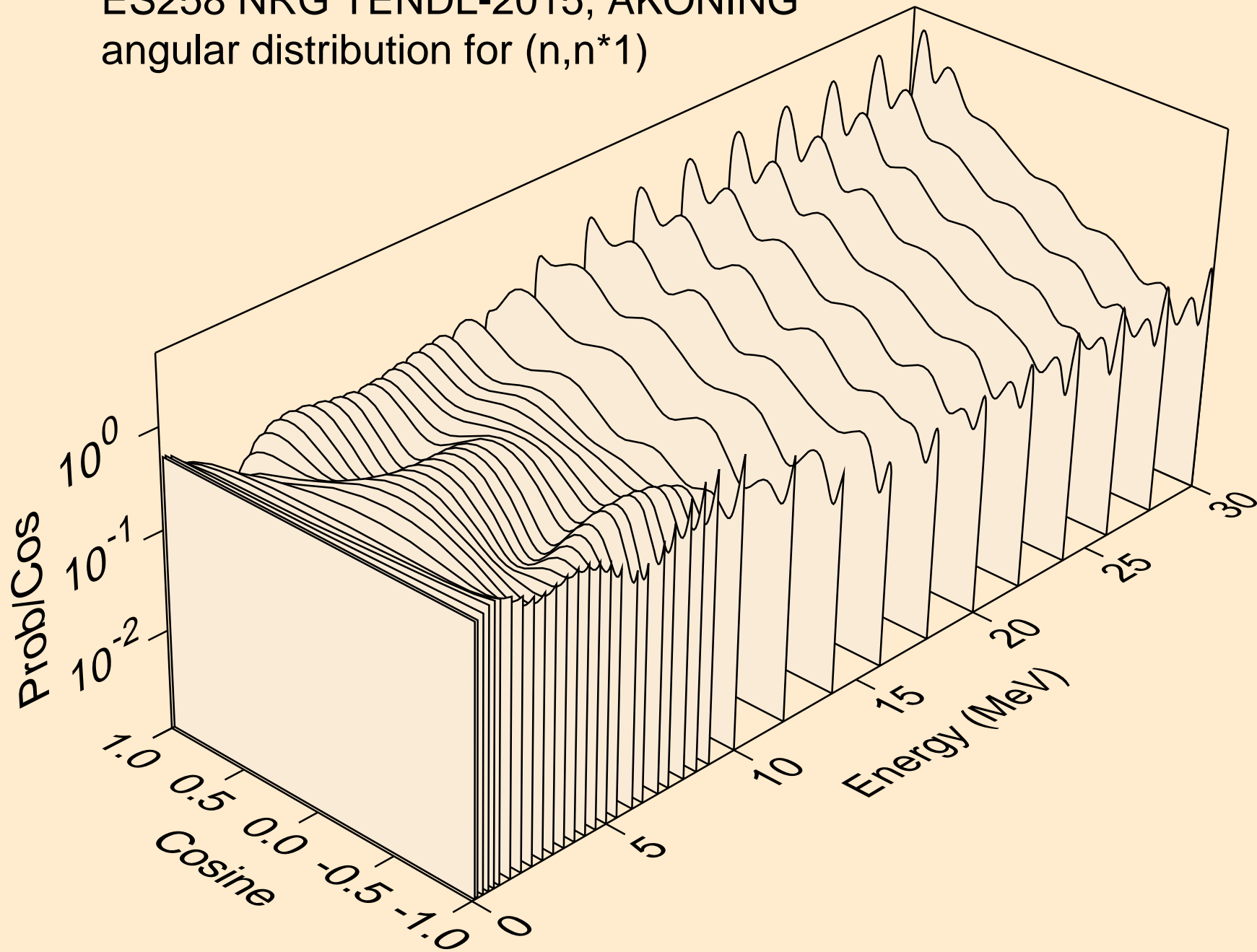
ES258 NRG TENDL-2015, AKONING  
angular distribution for elastic



ES258 NRG TENDL-2015, AKONING  
angular distribution for elastic

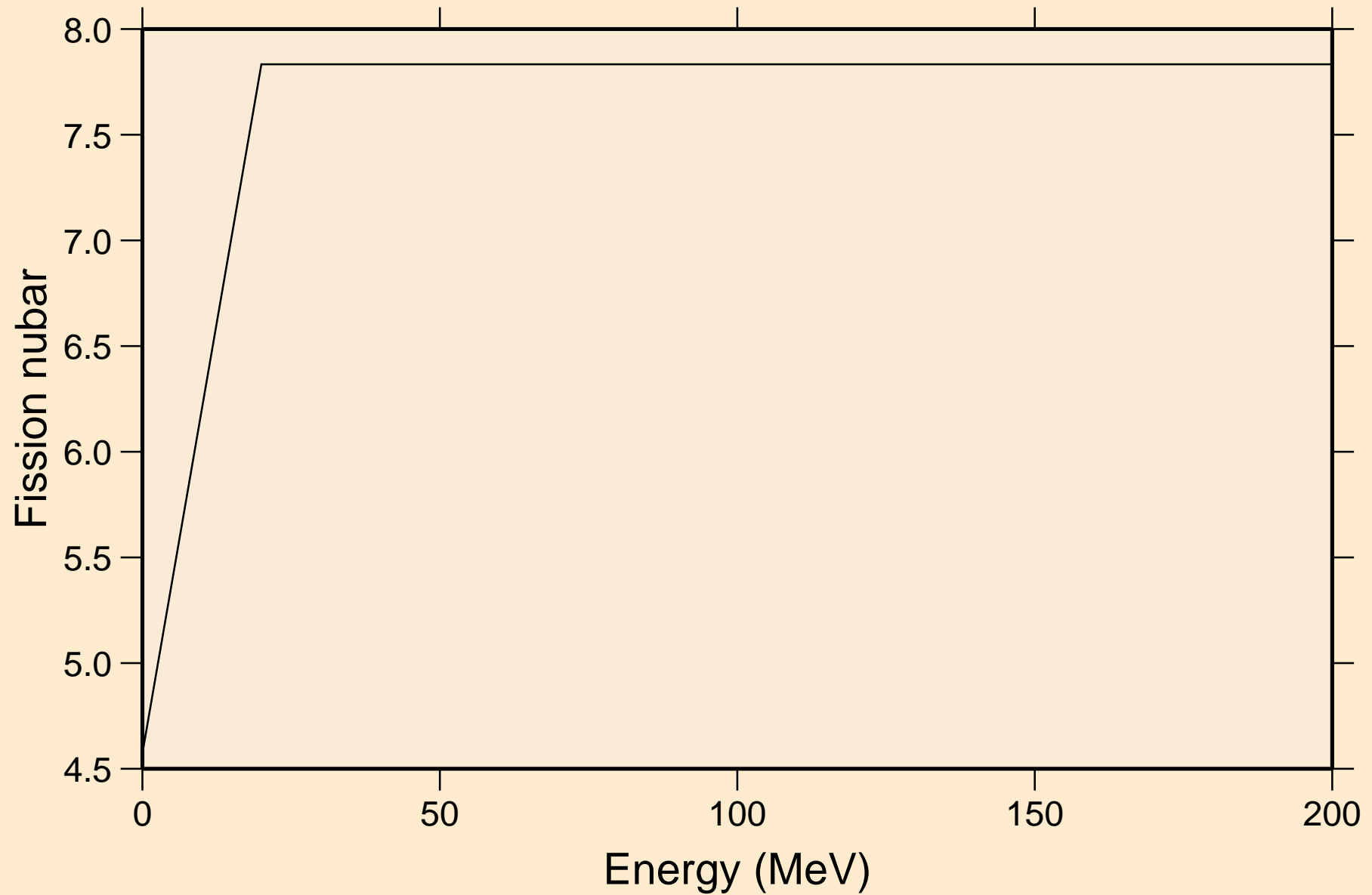


ES258 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

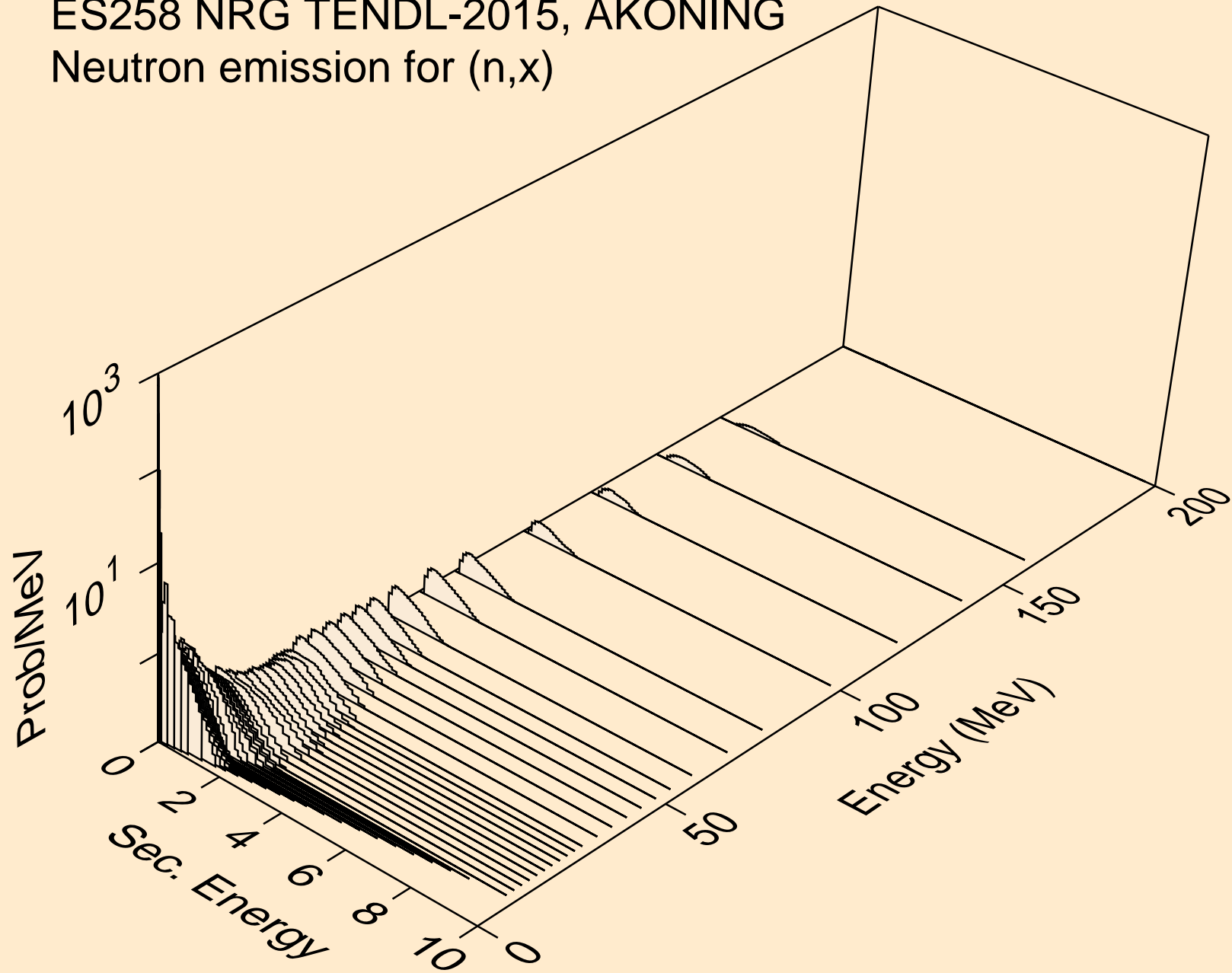


# ES258 NRG TENDL-2015, AKONING

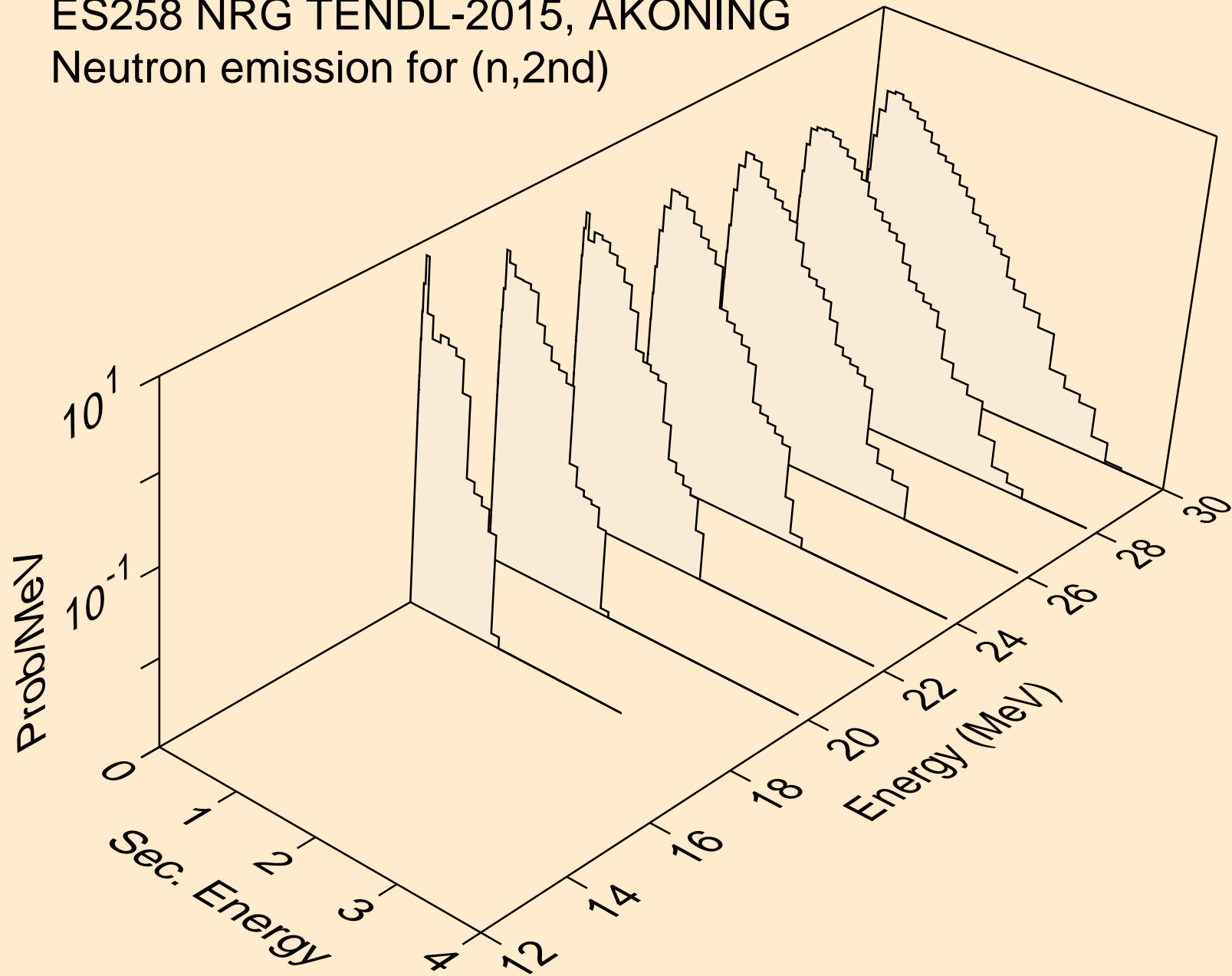
Total fission nubar



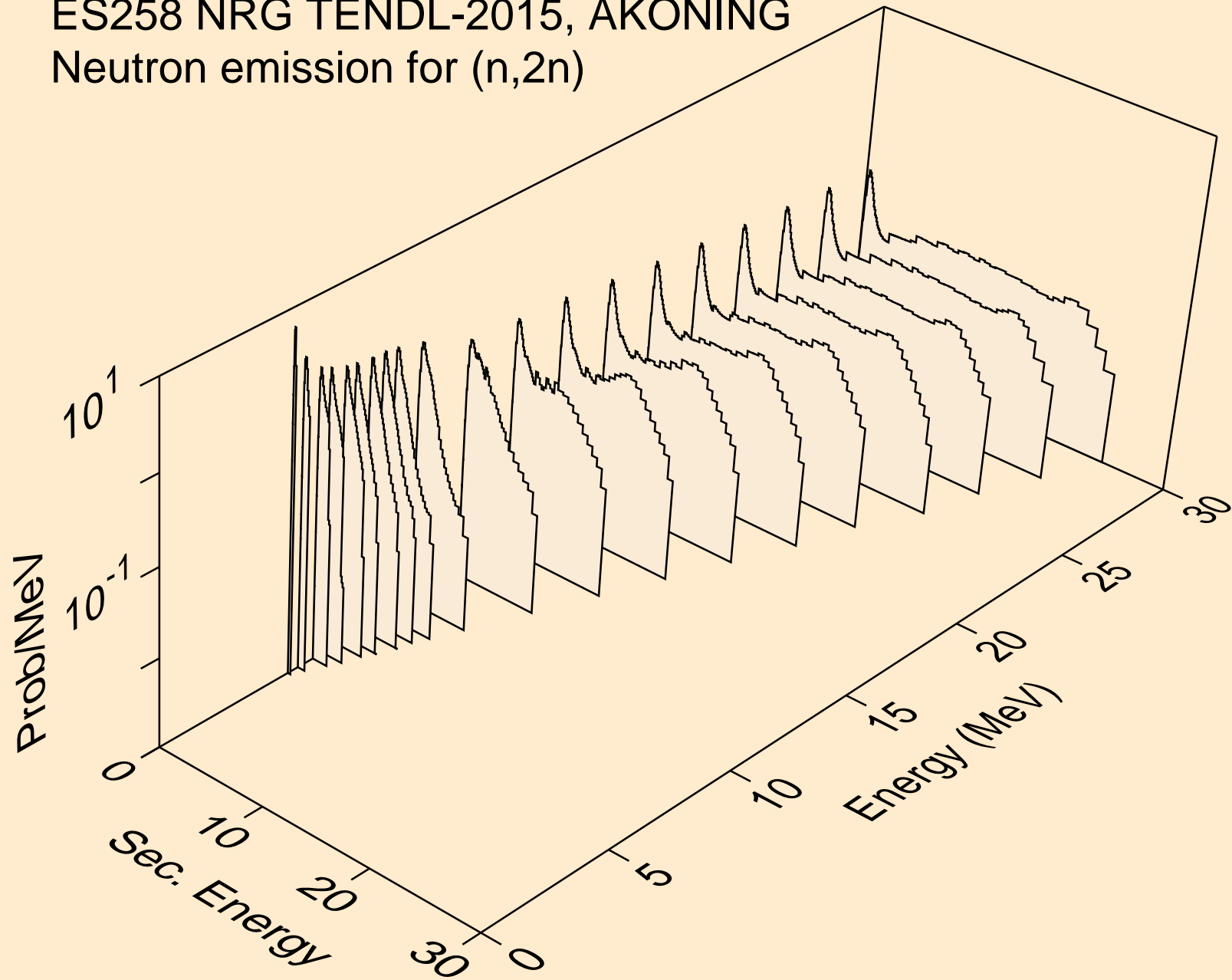
ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

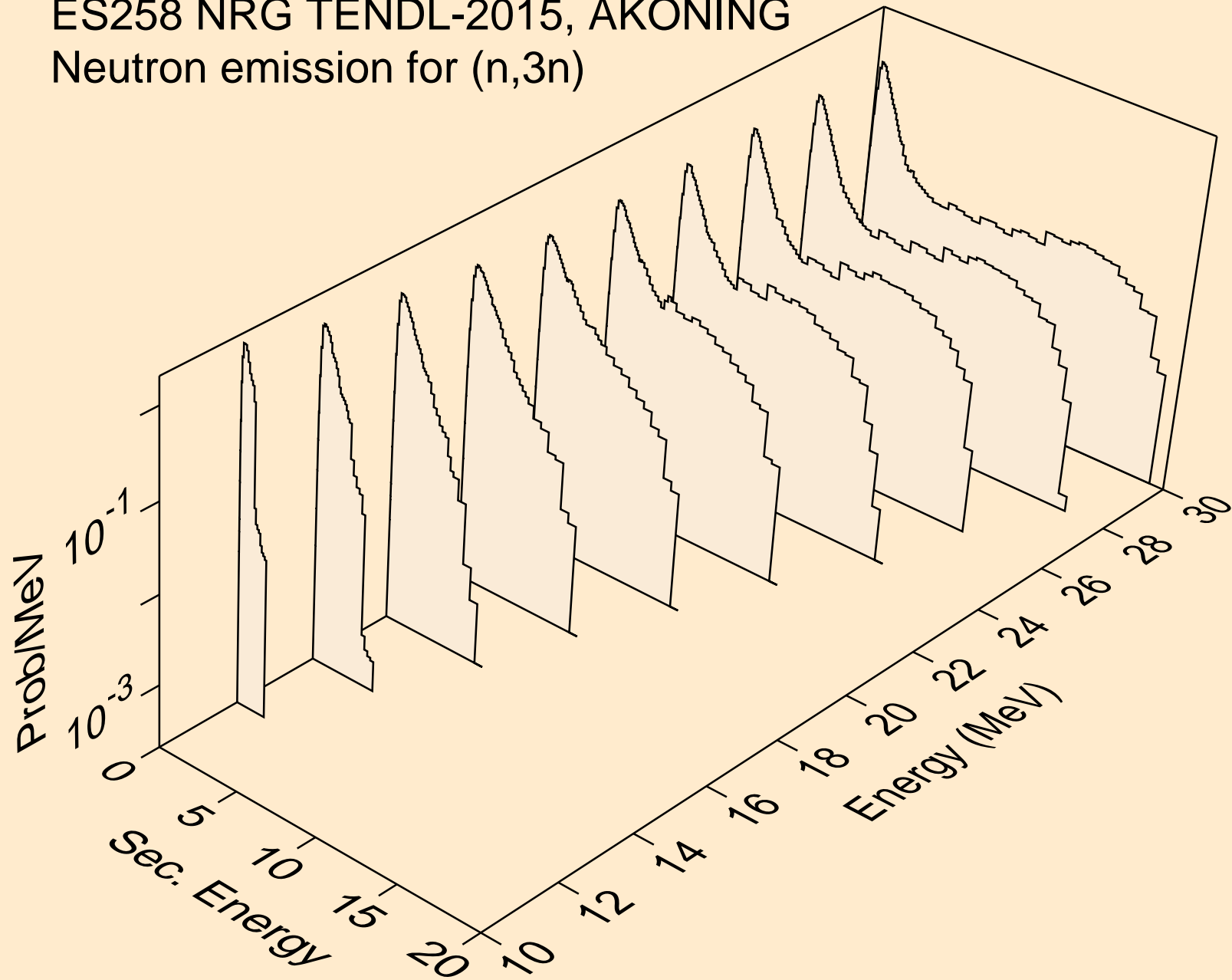


ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

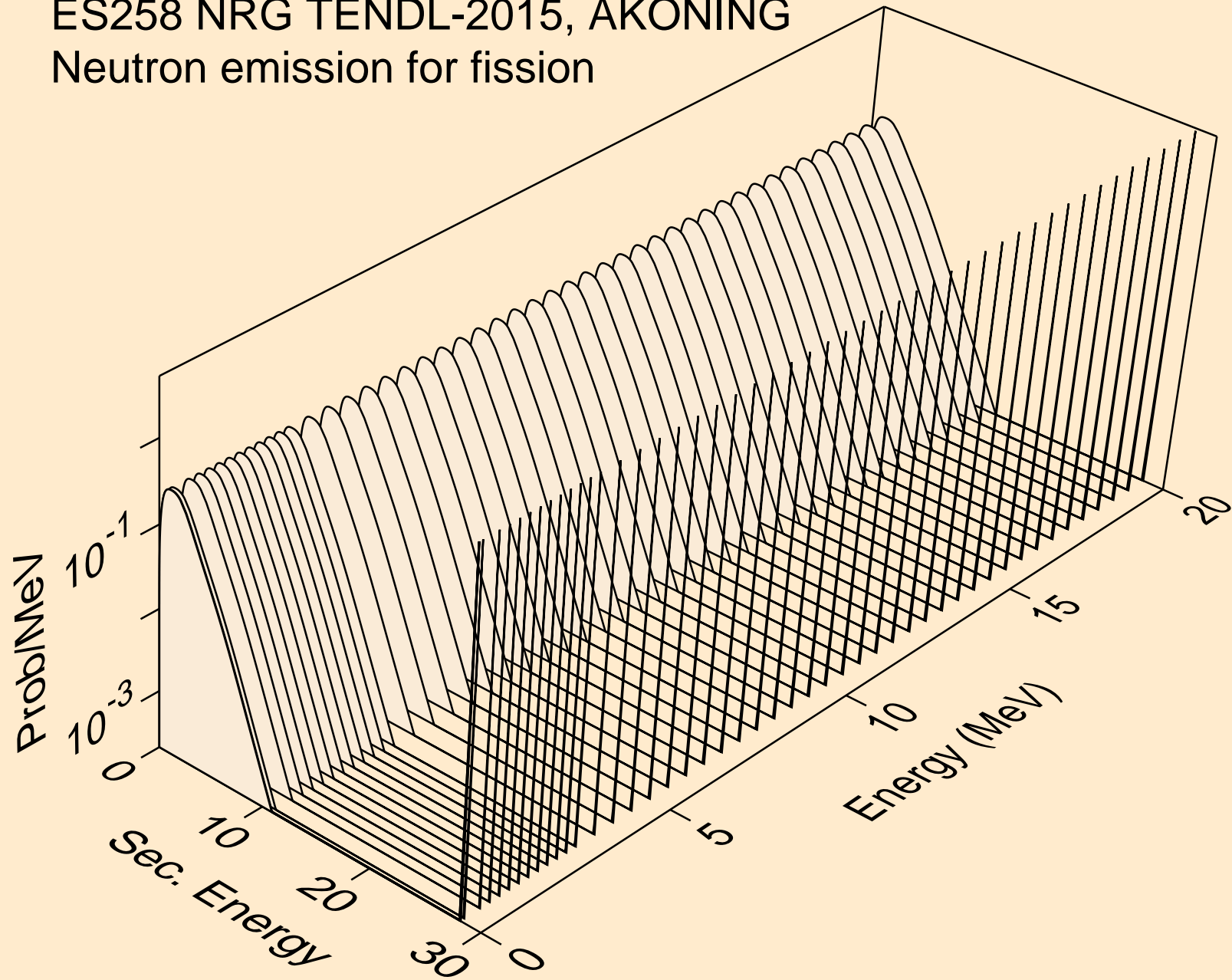




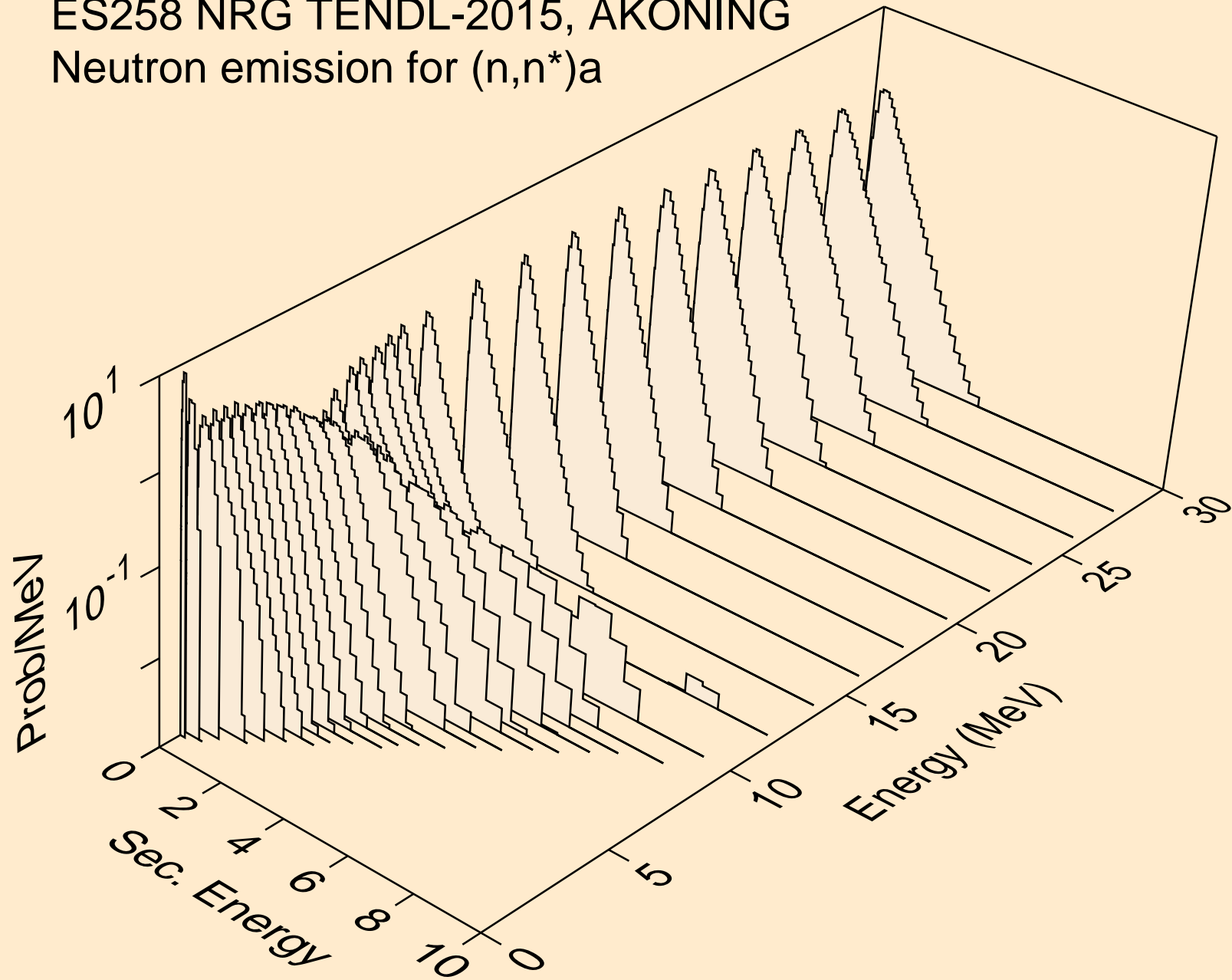
ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



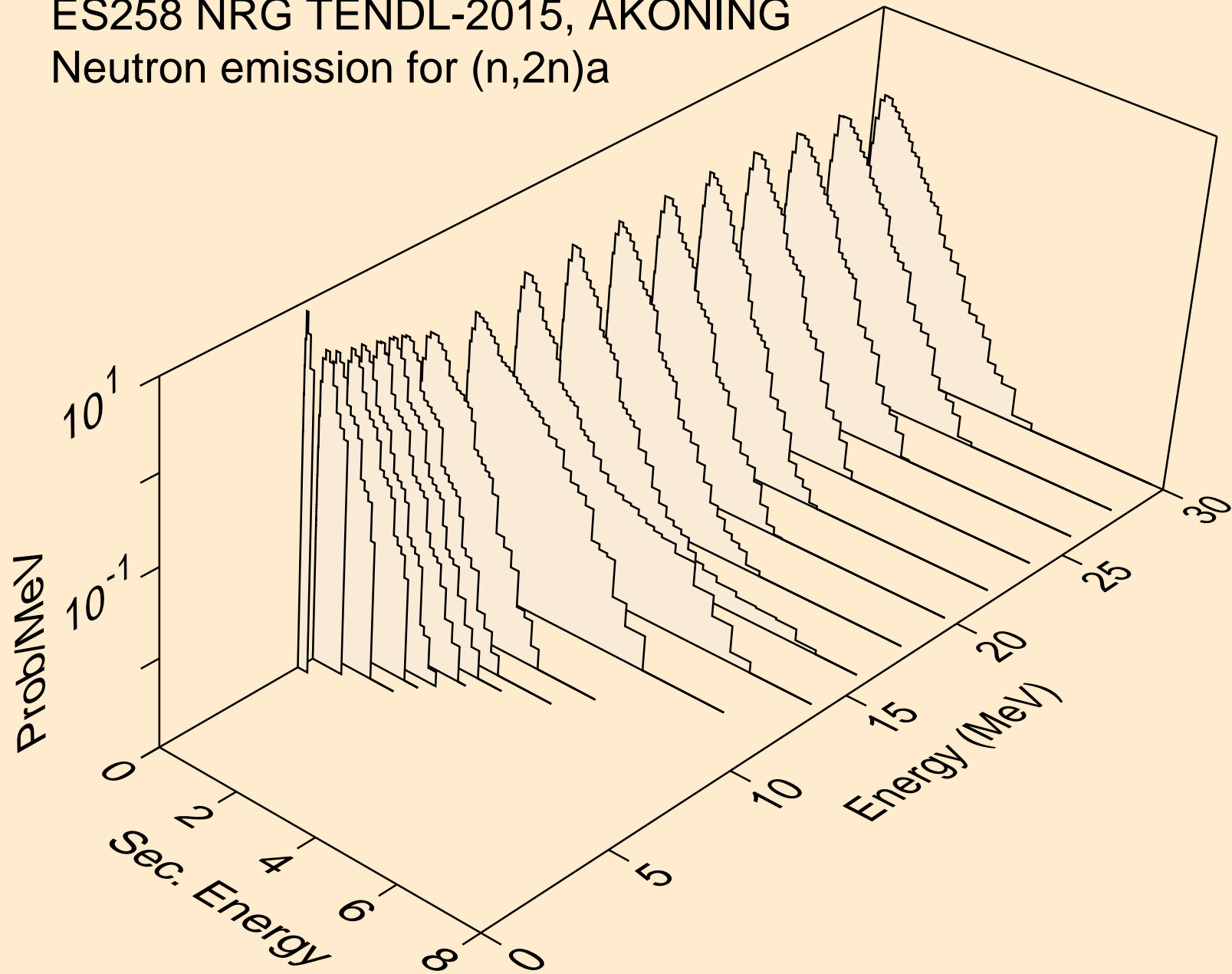
ES258 NRG TENDL-2015, AKONING  
Neutron emission for fission



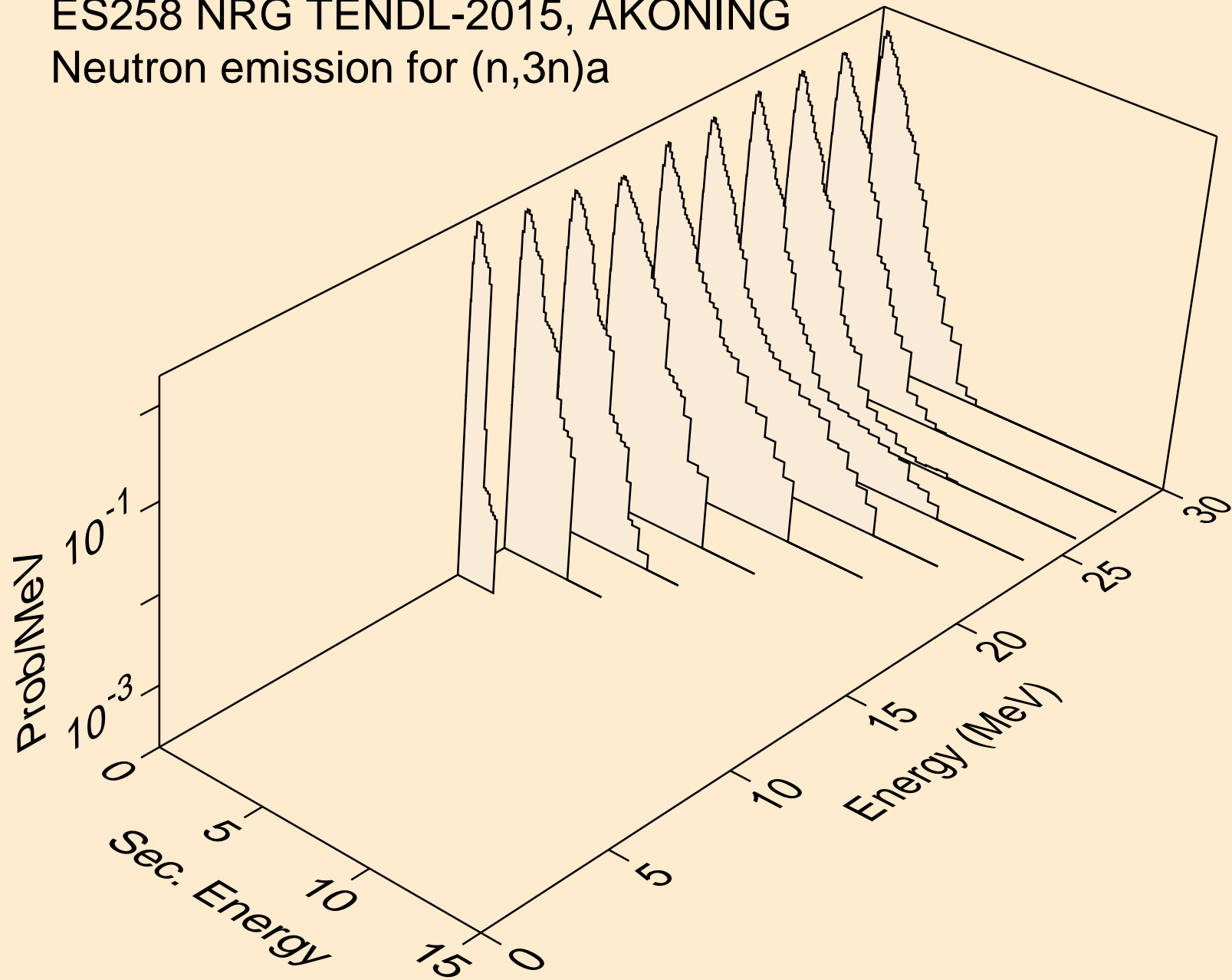
ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



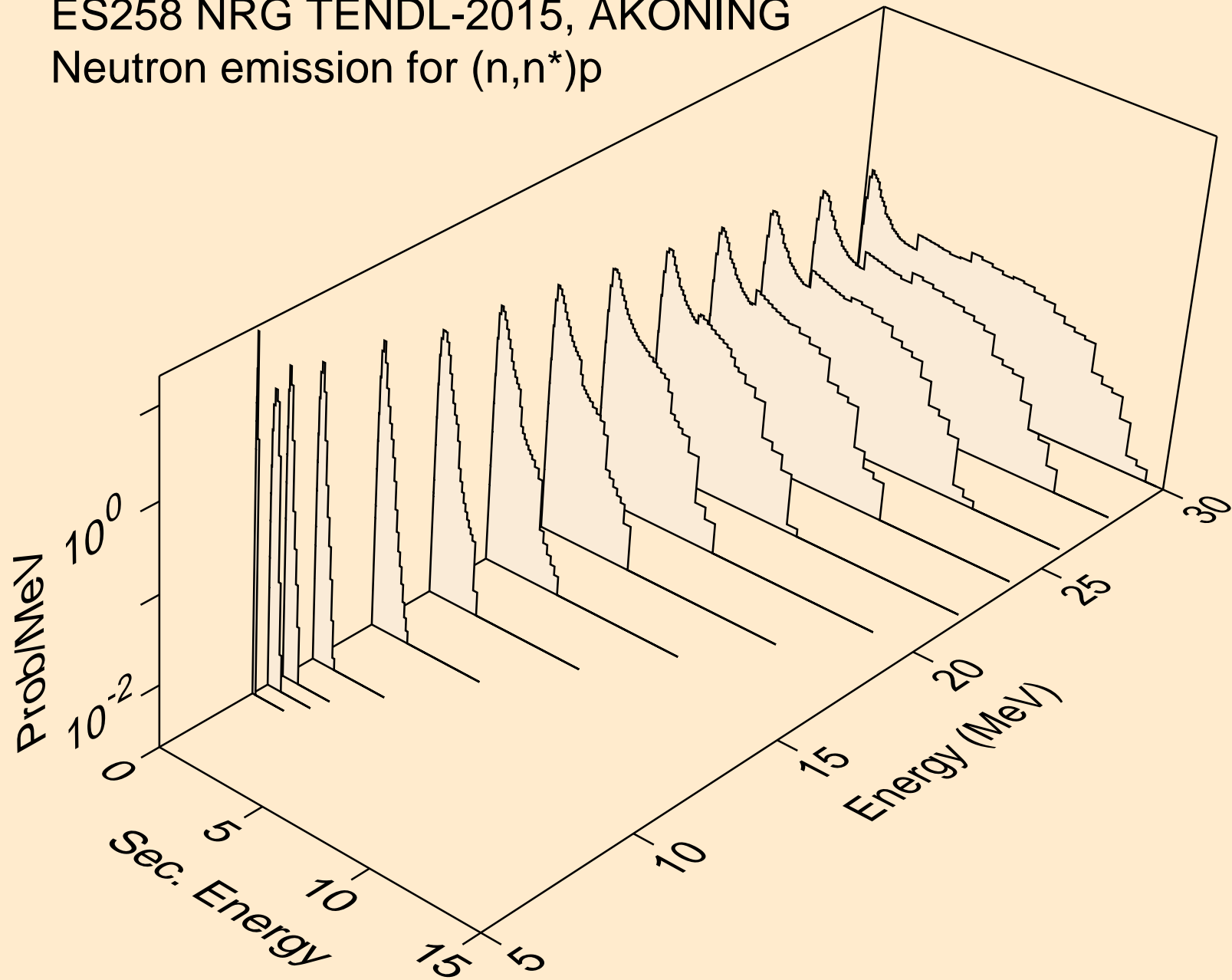
ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



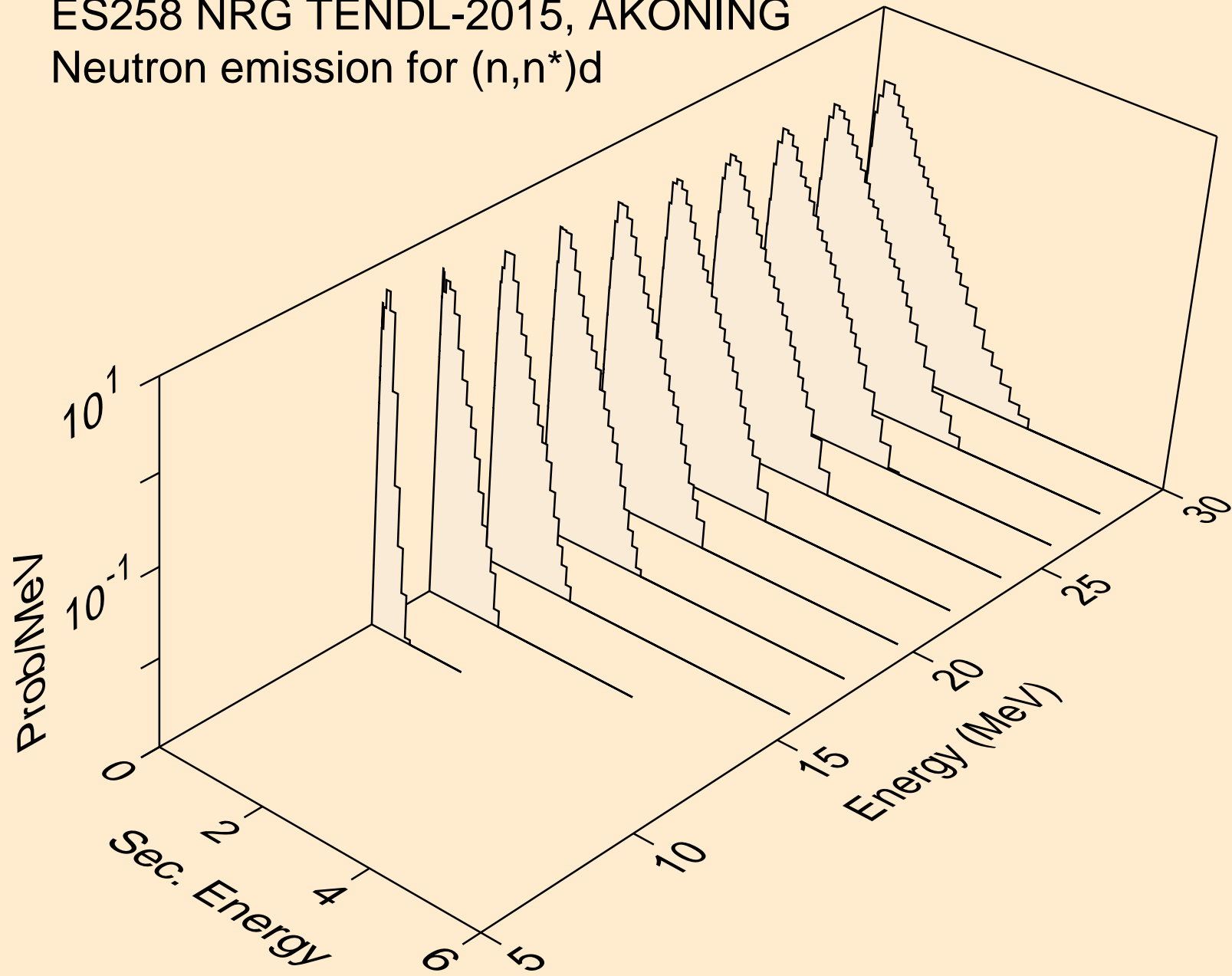
ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



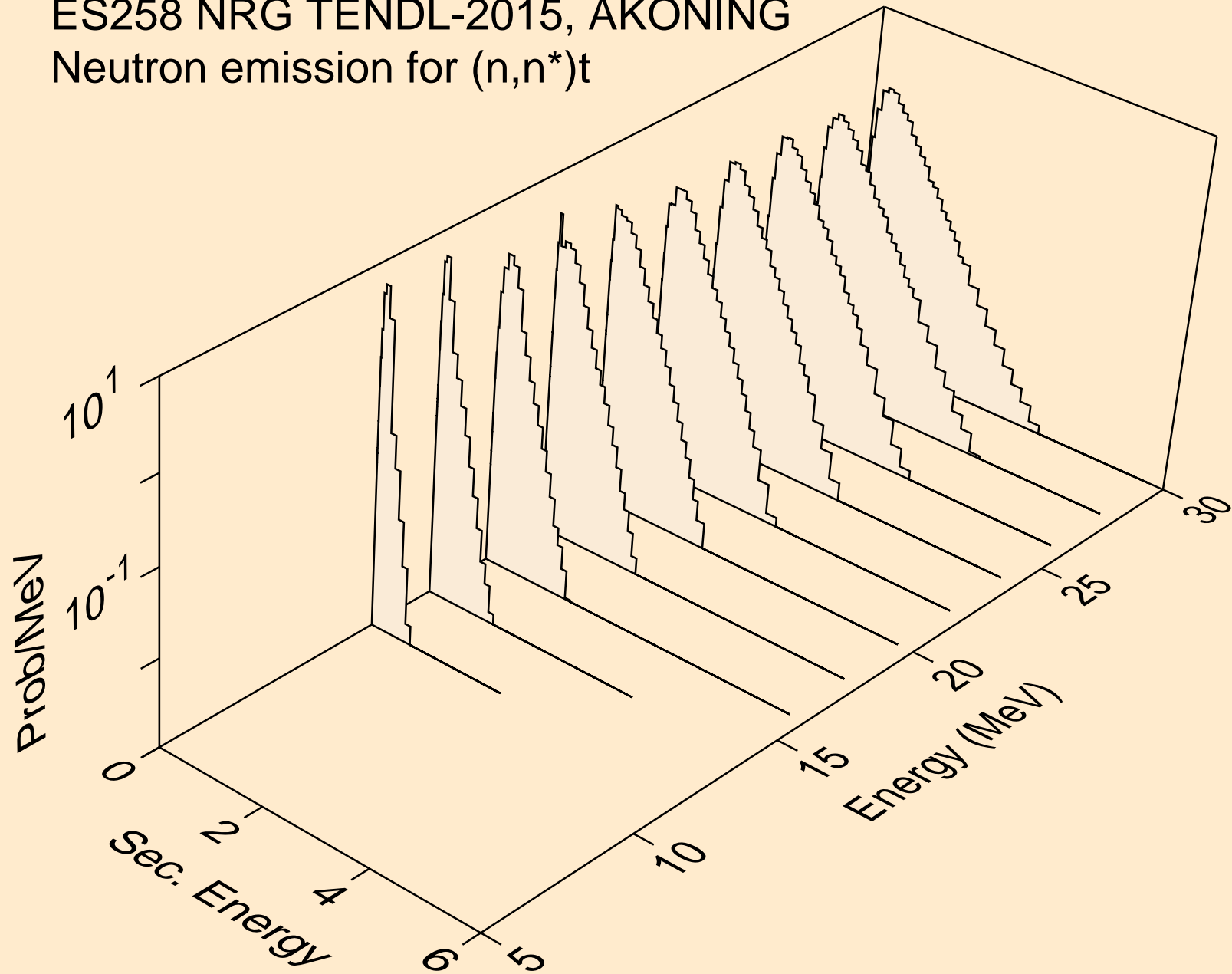
ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

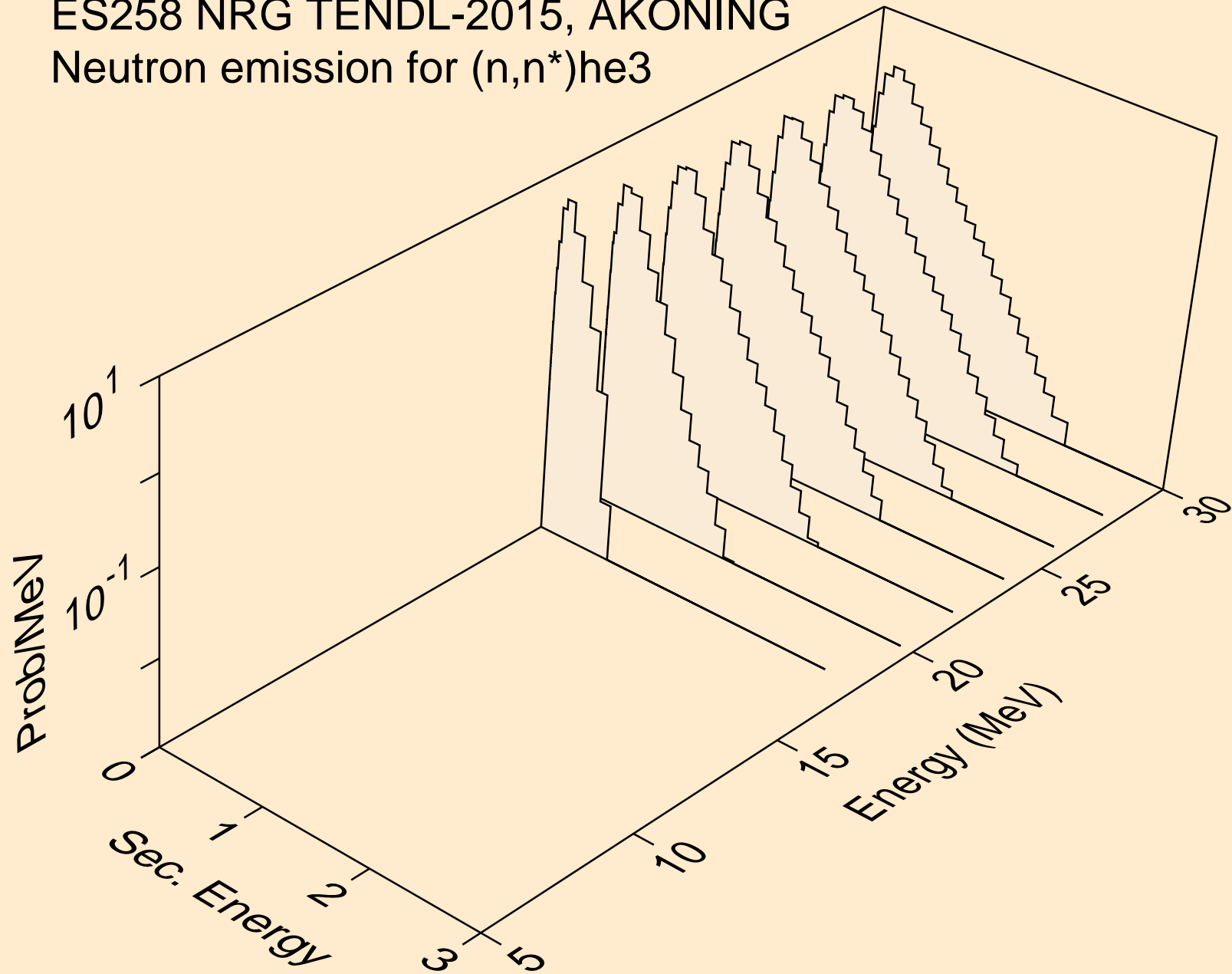


ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

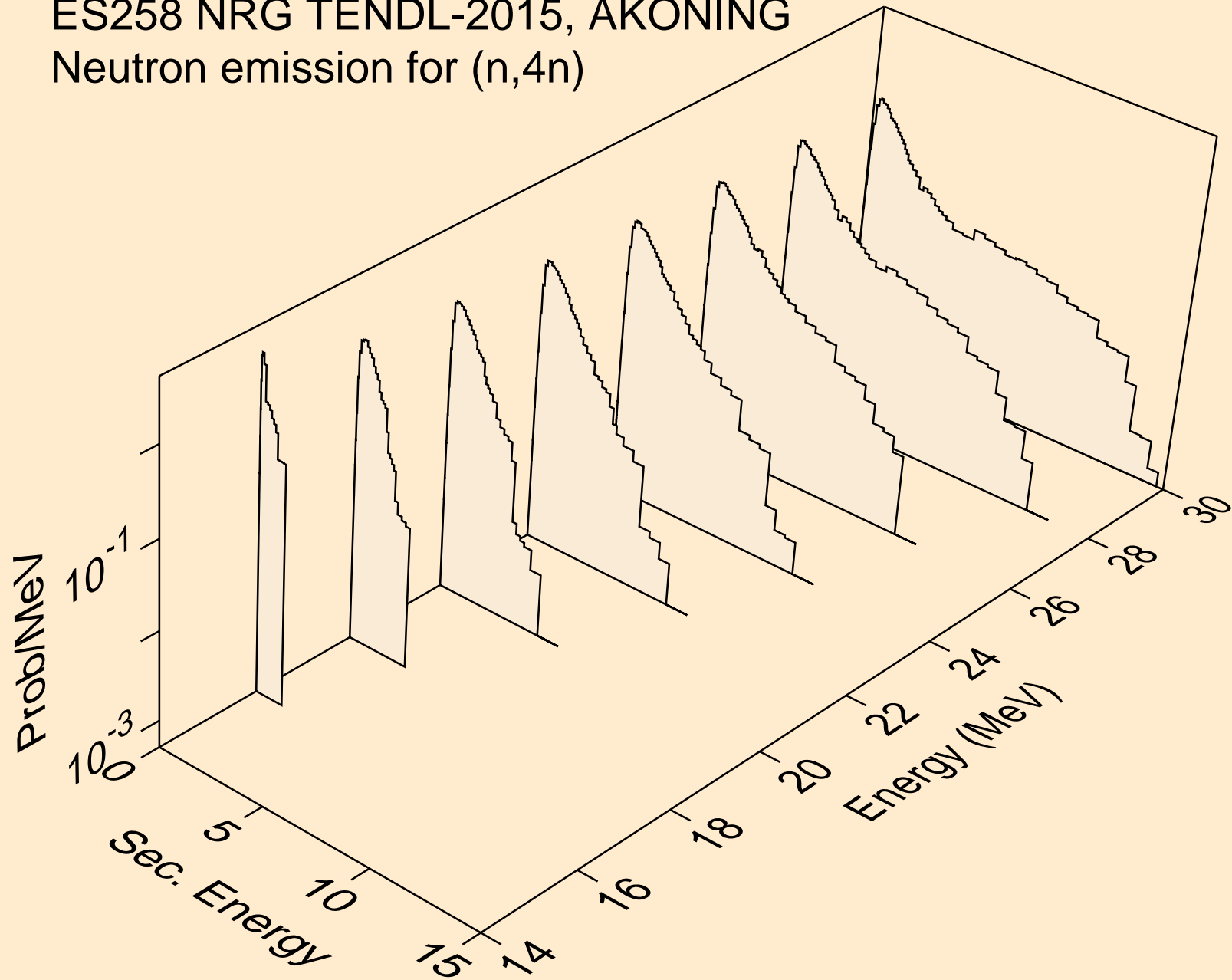




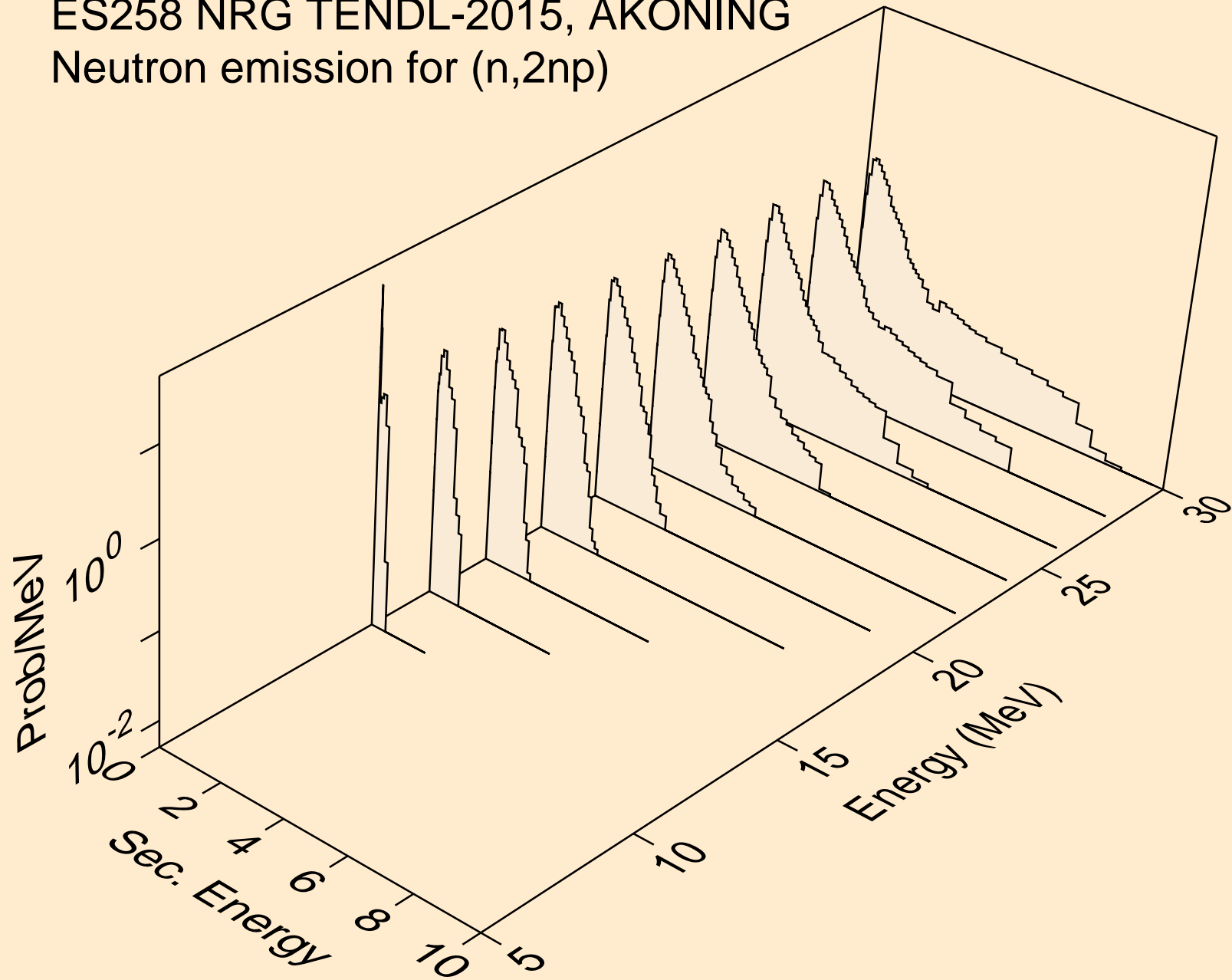
ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



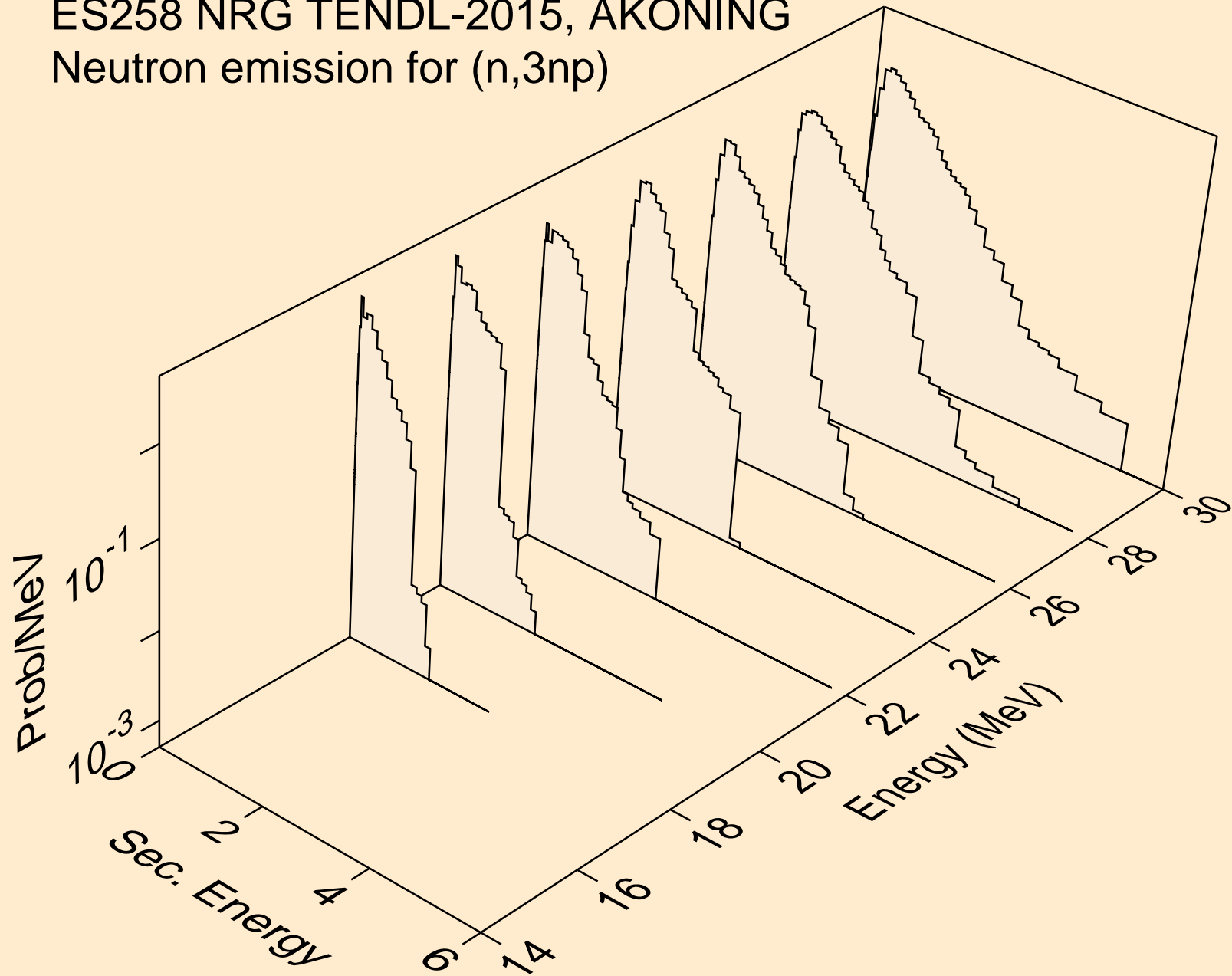
ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



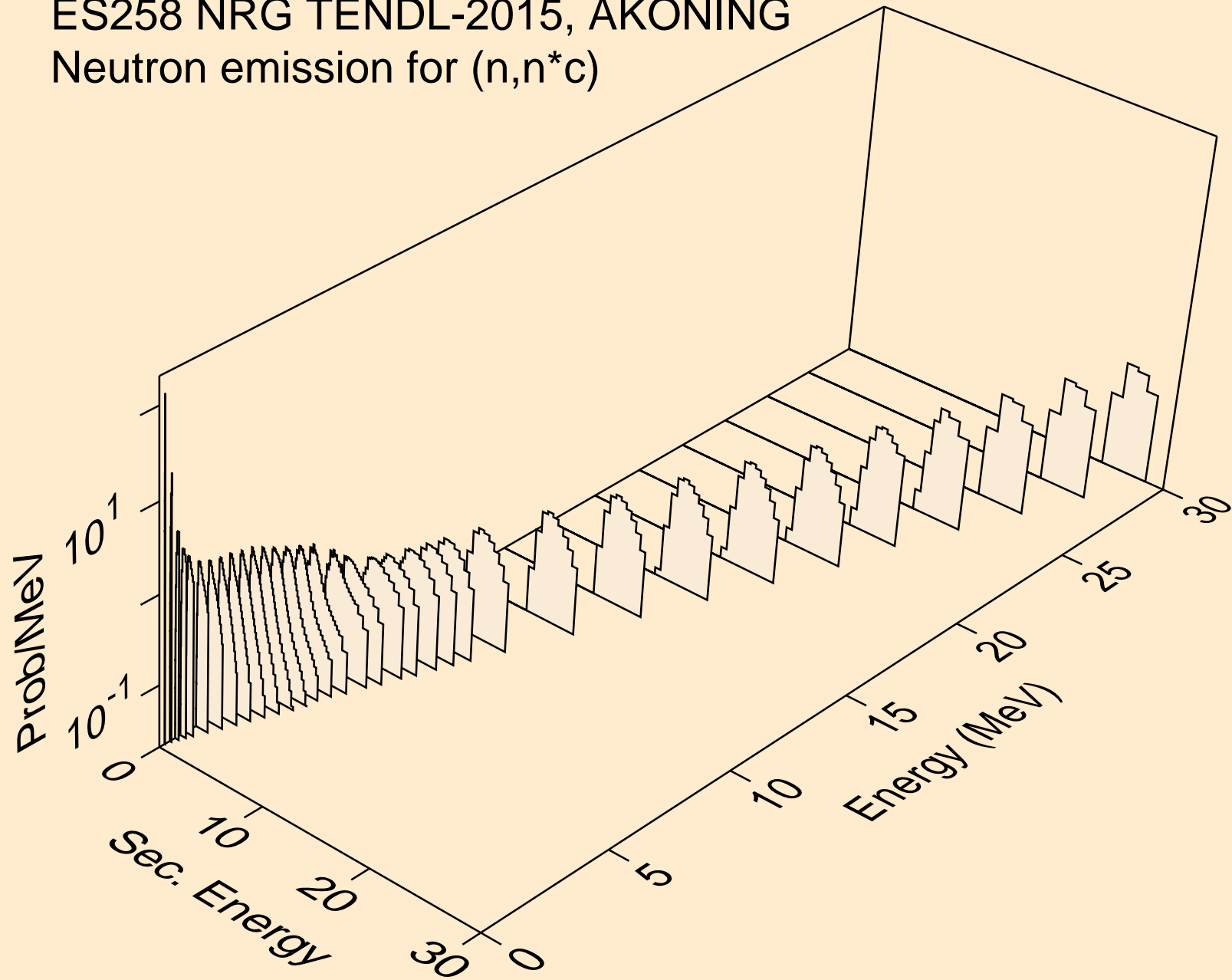
ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

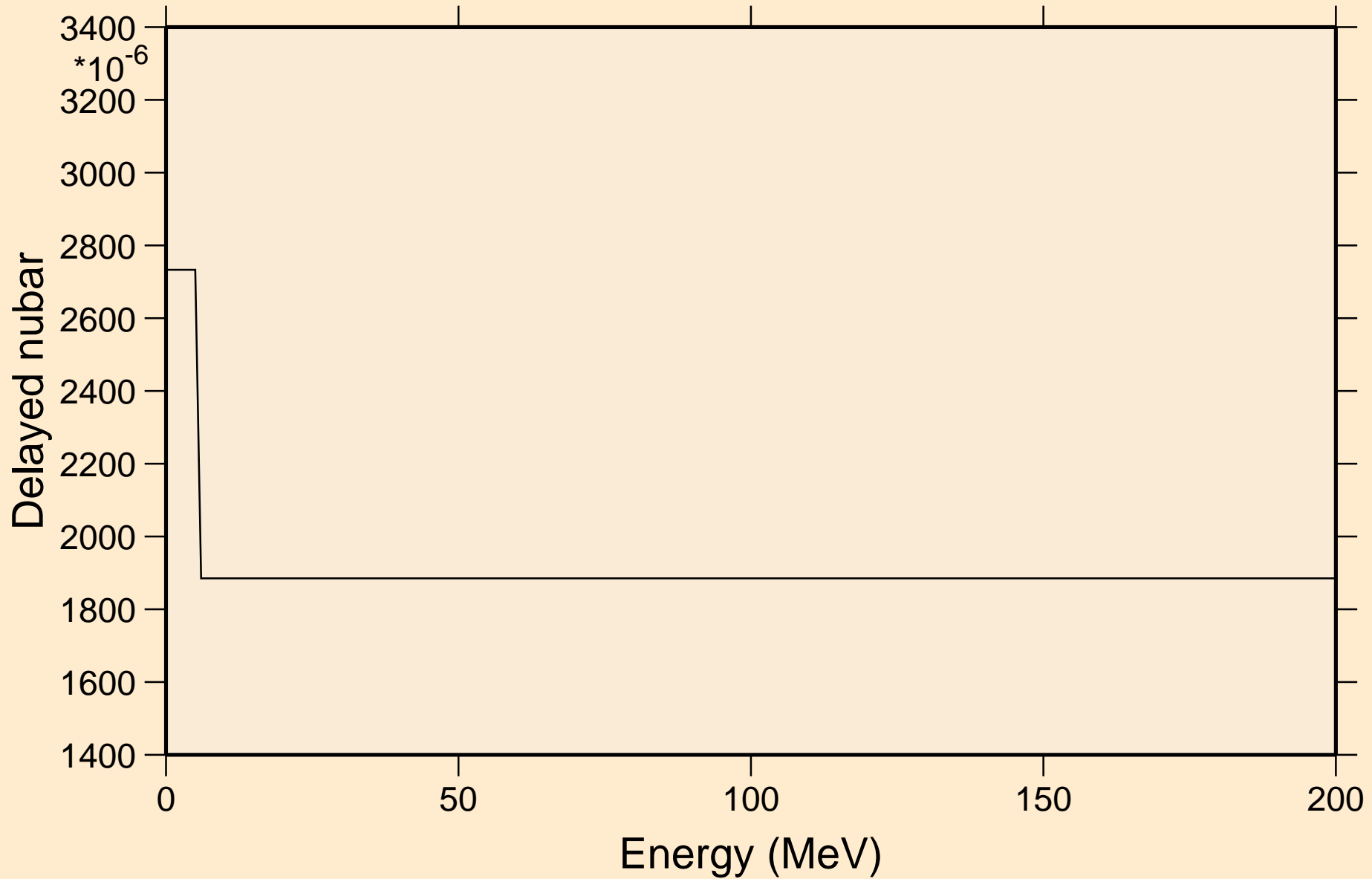


ES258 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



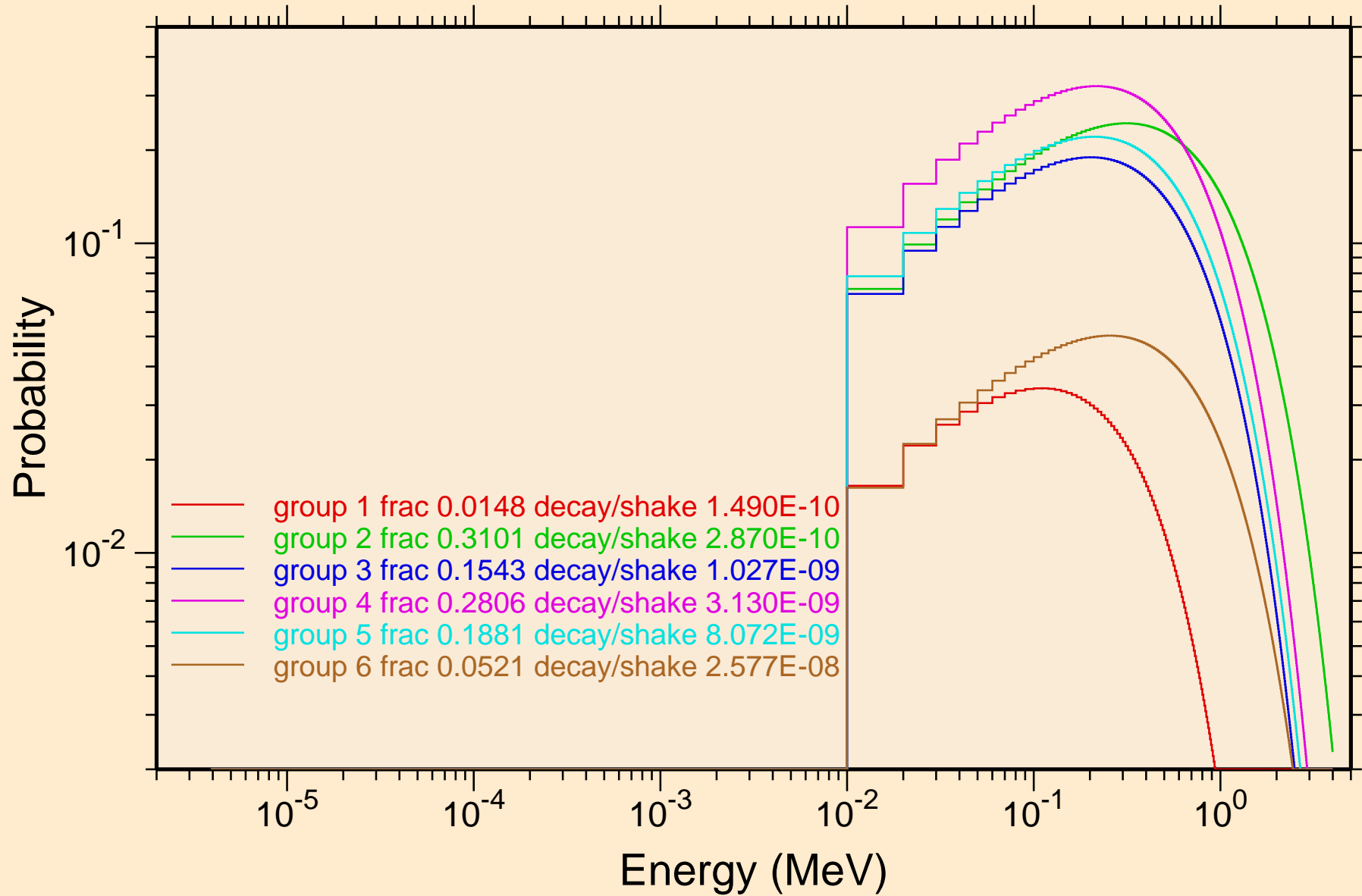
# ES258 NRG TENDL-2015, AKONING

Delayed nubar

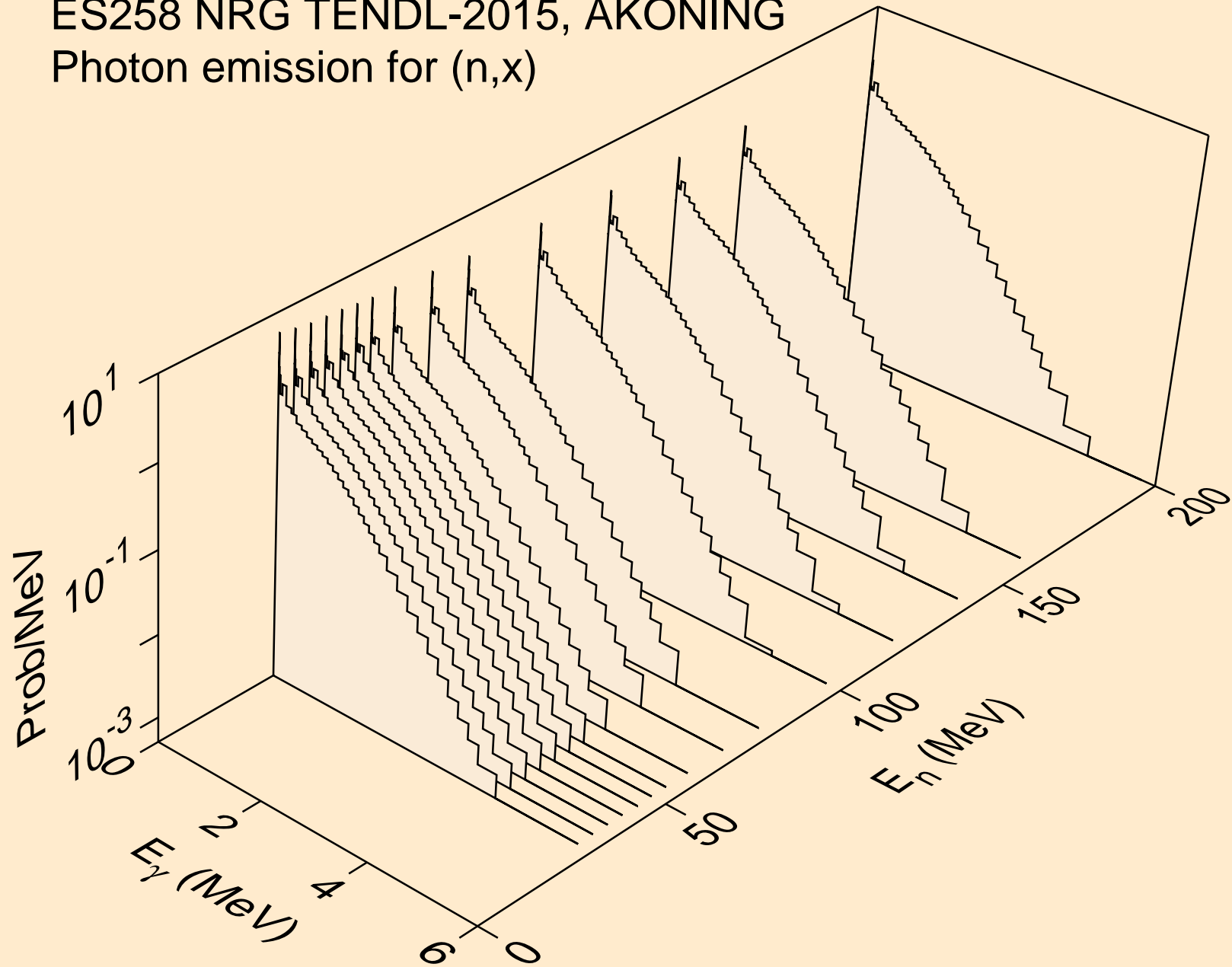


# ES258 NRG TENDL-2015, AKONING

## Delayed neutron spectra

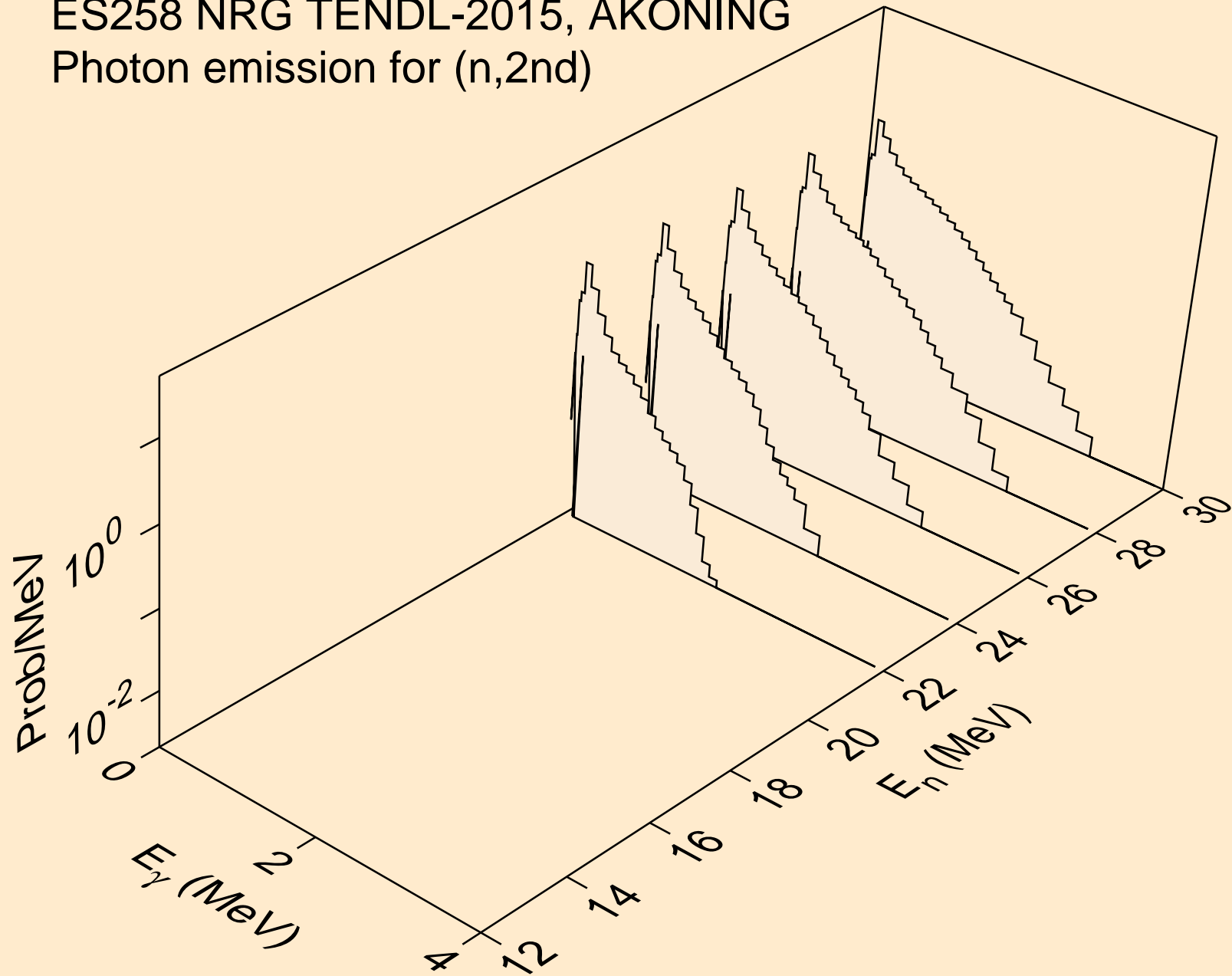


ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

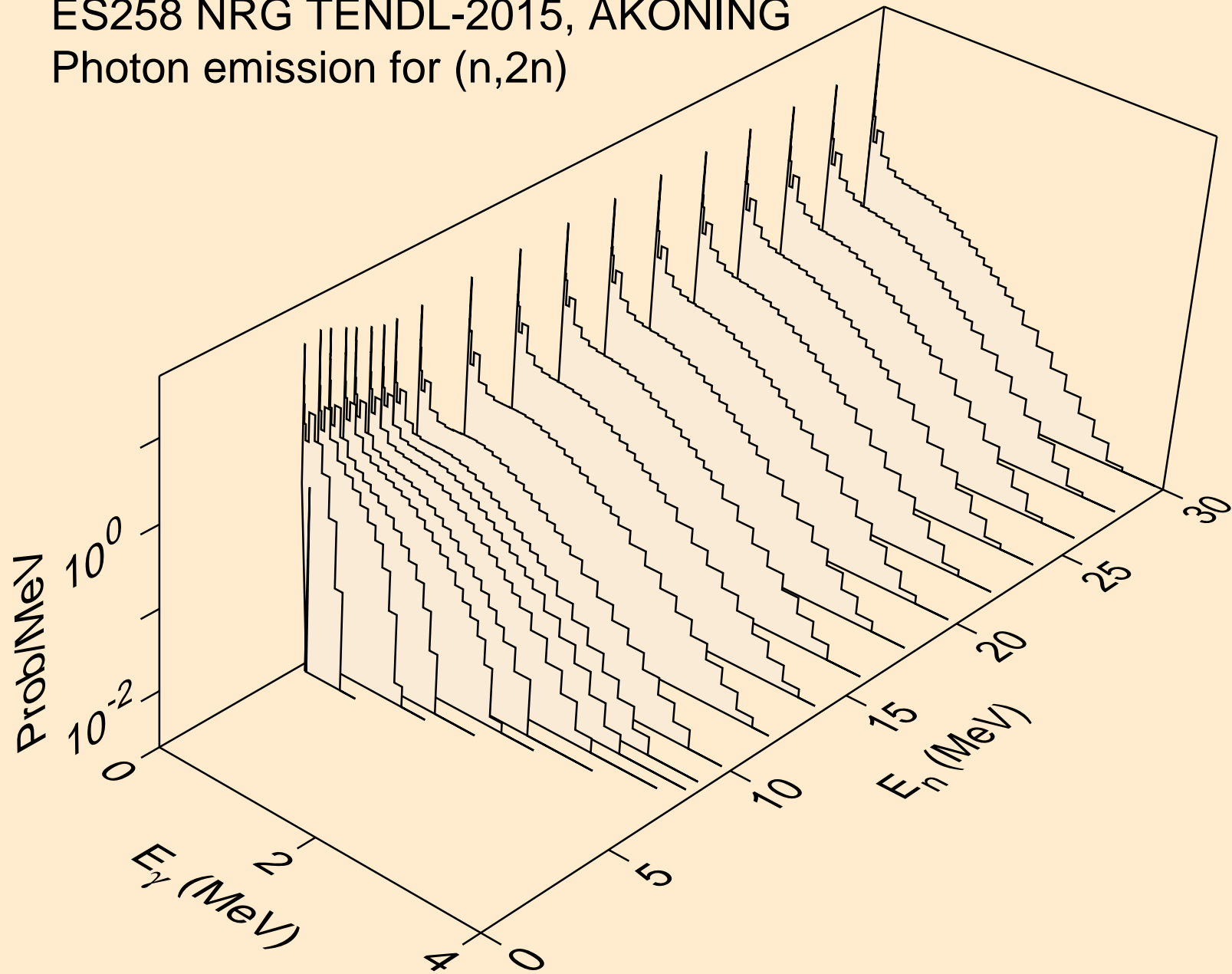




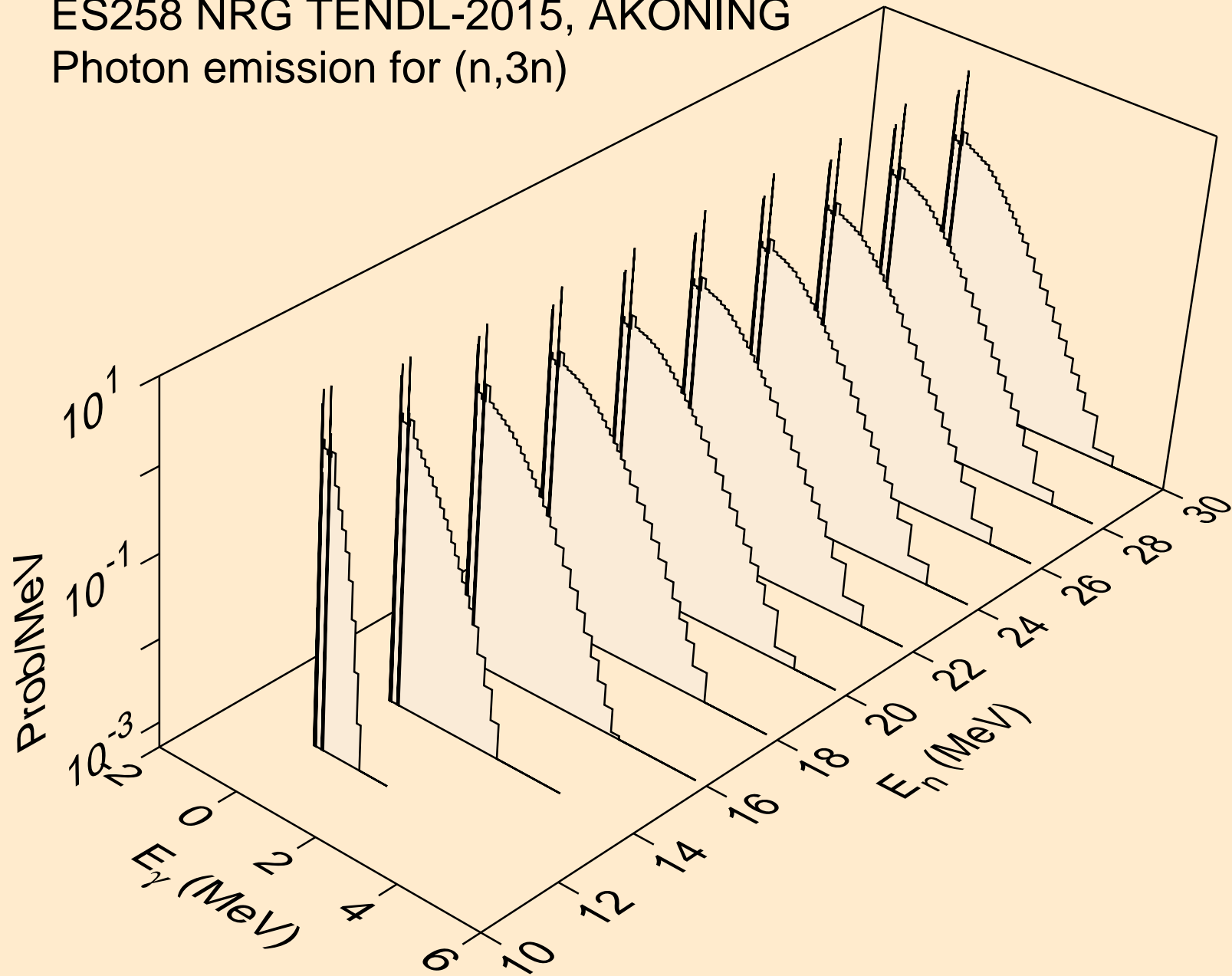
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



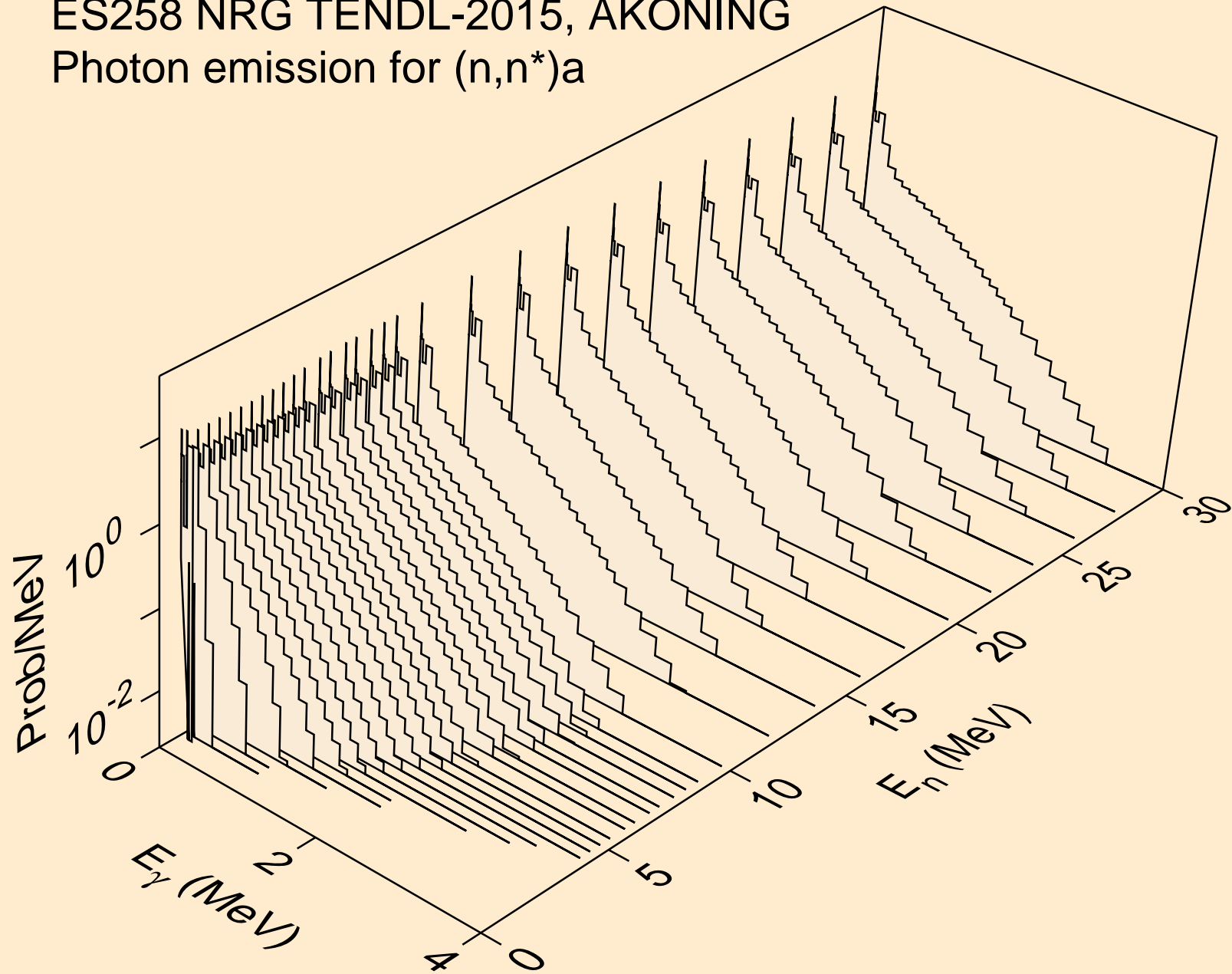
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



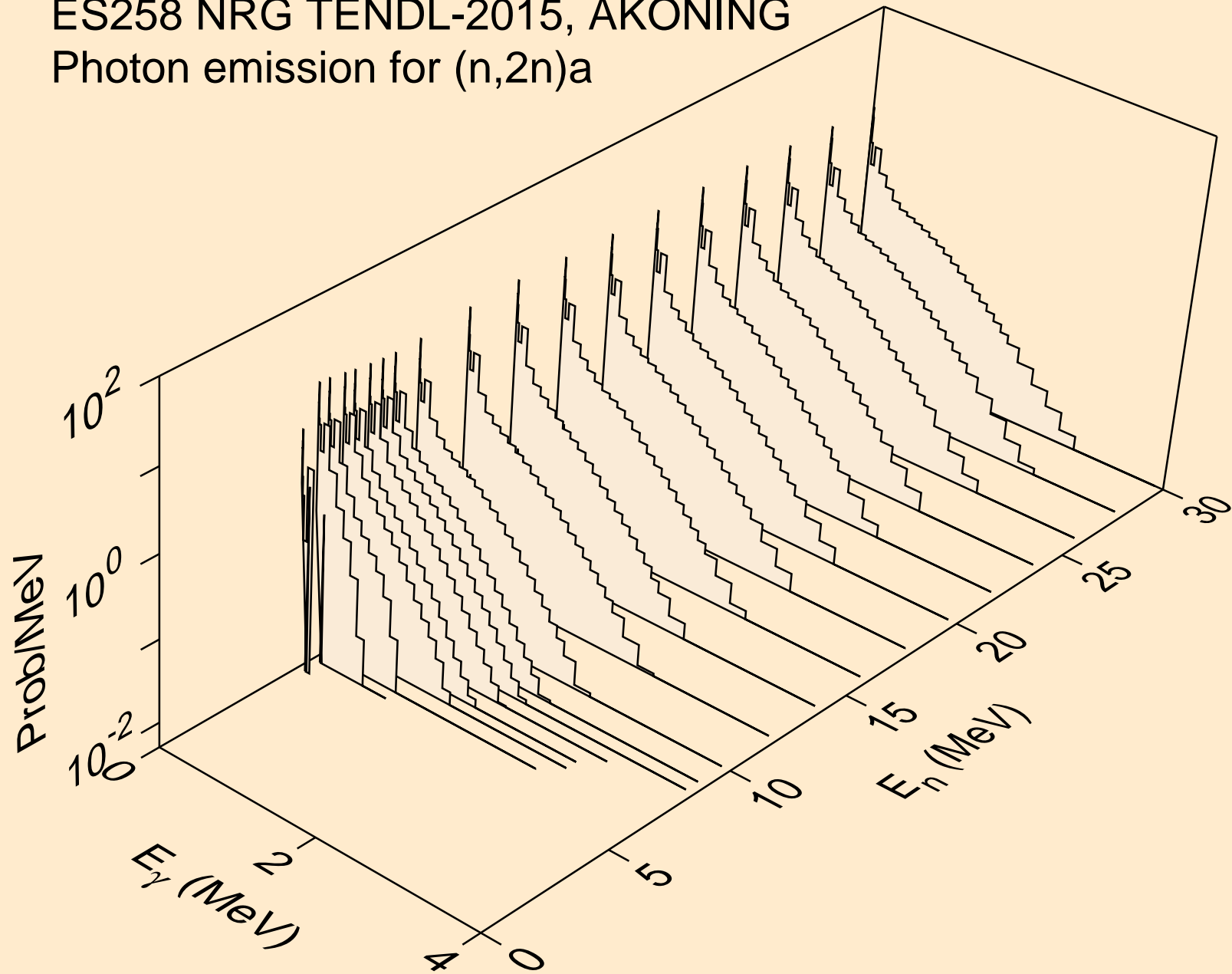
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



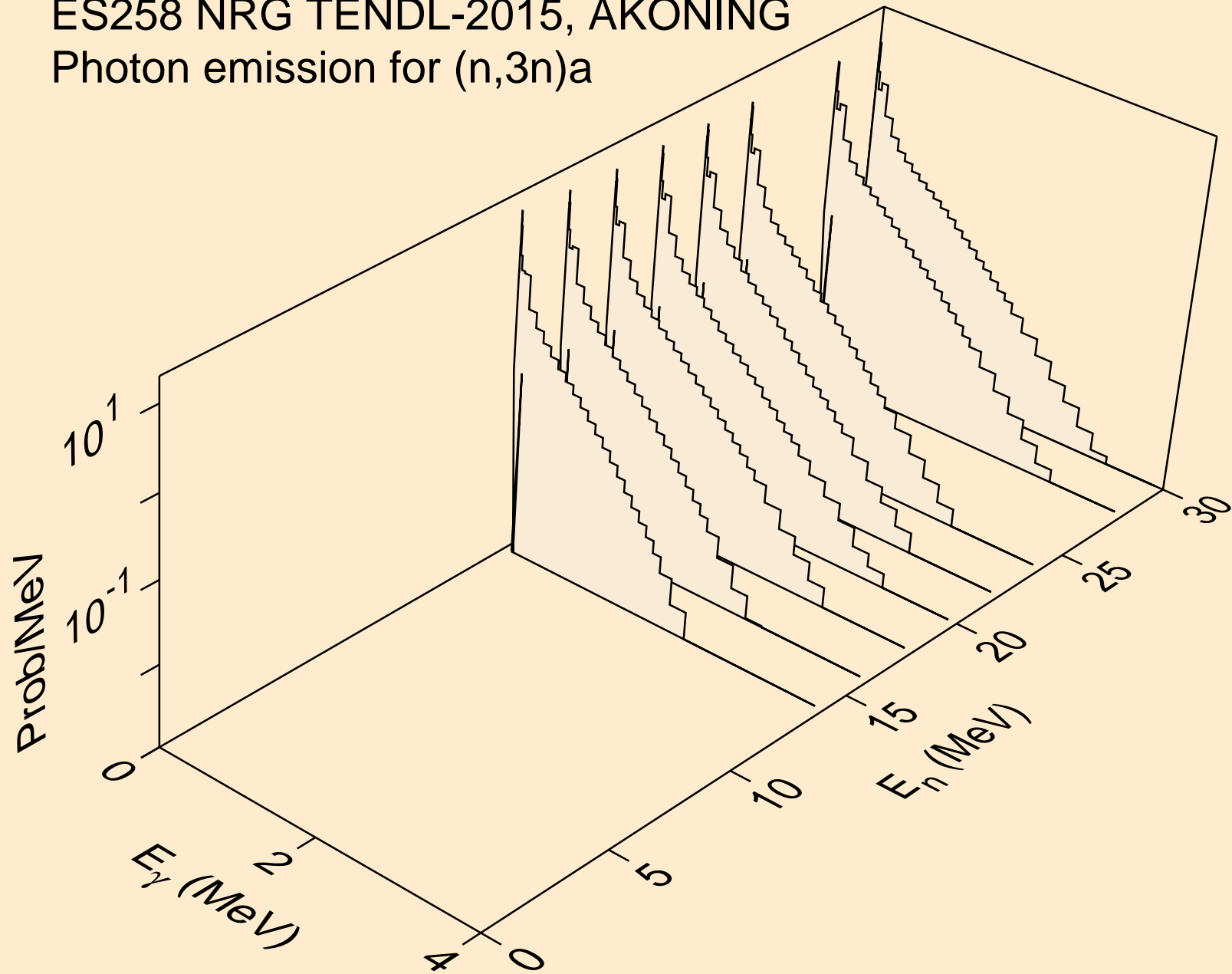
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



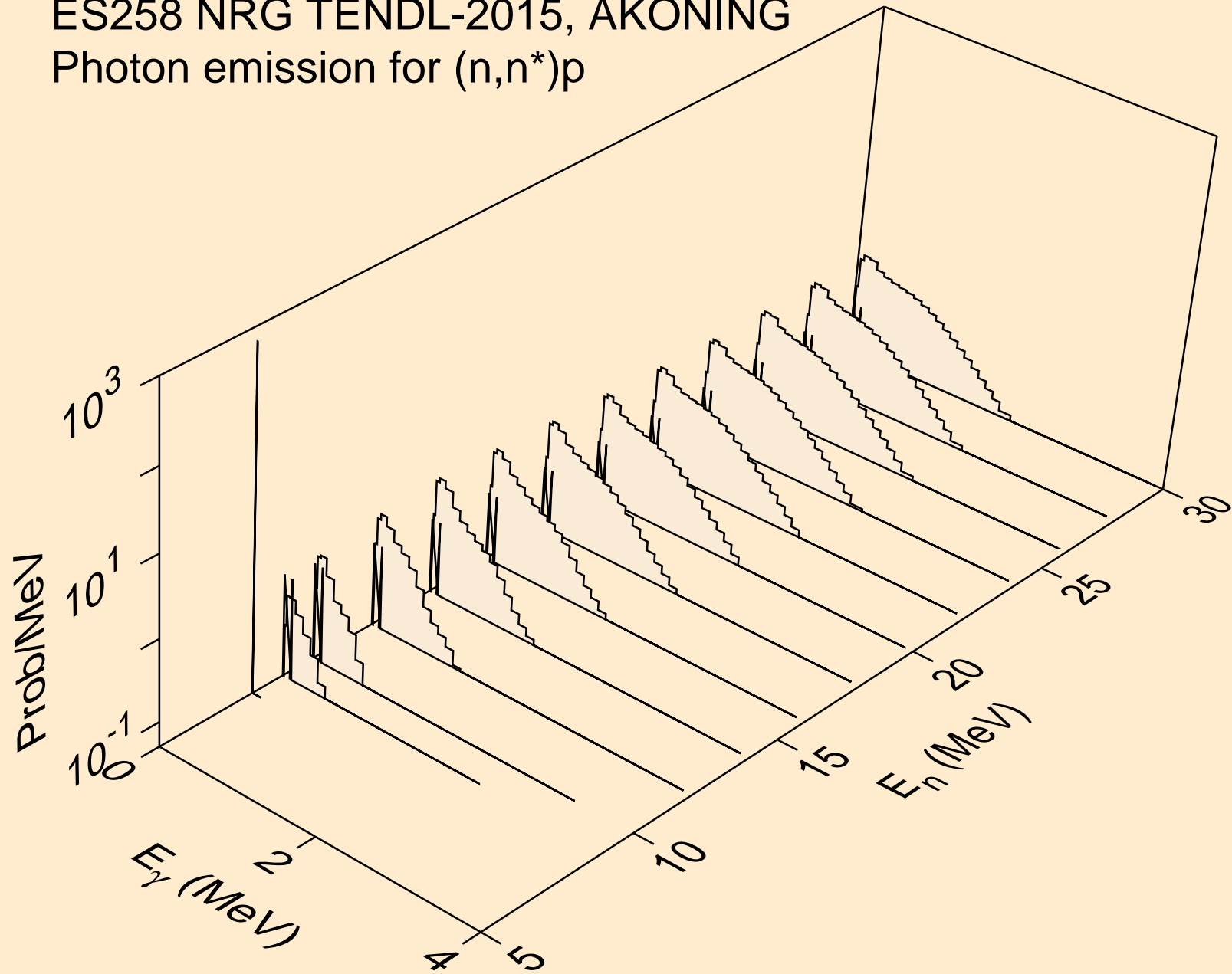
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



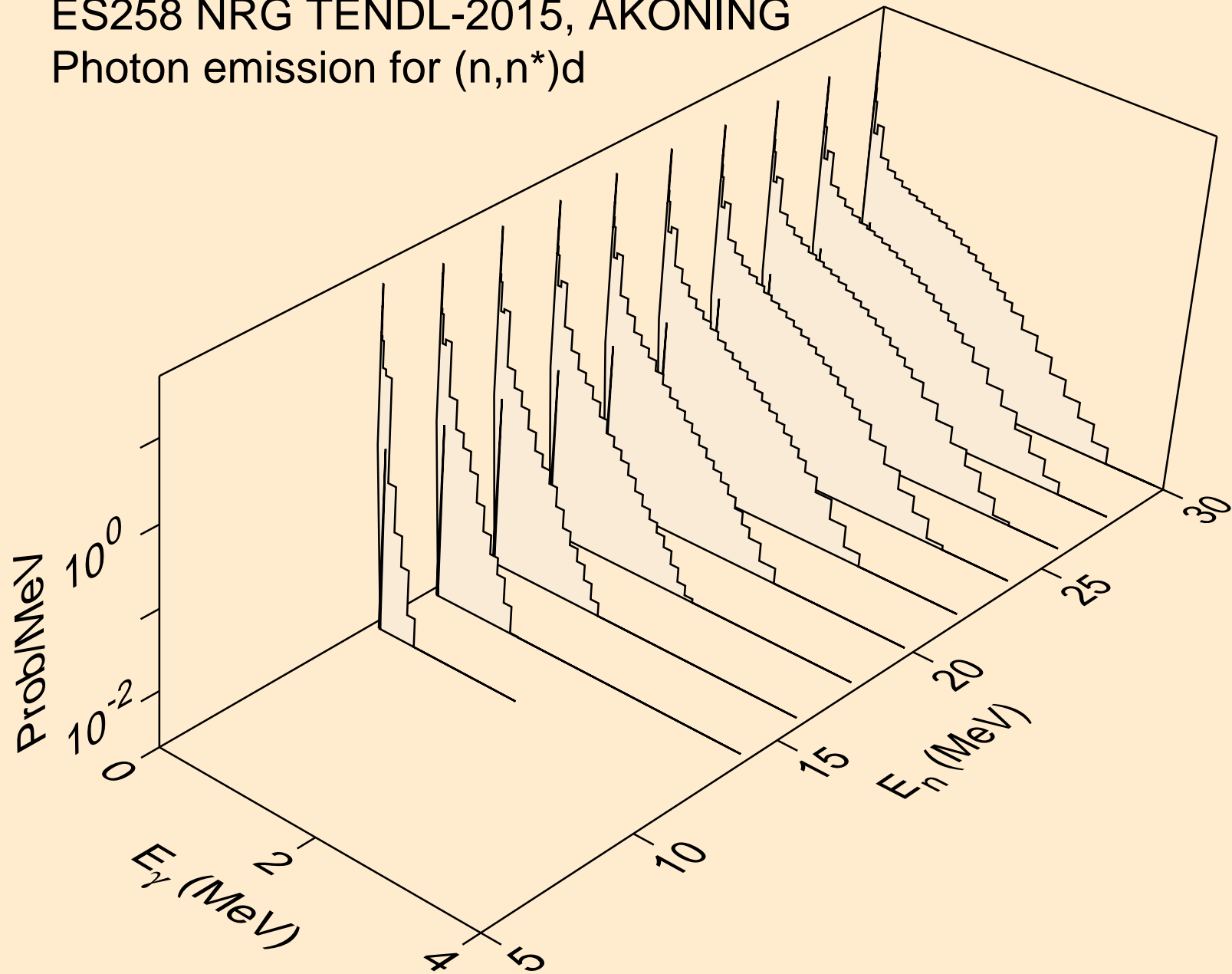
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

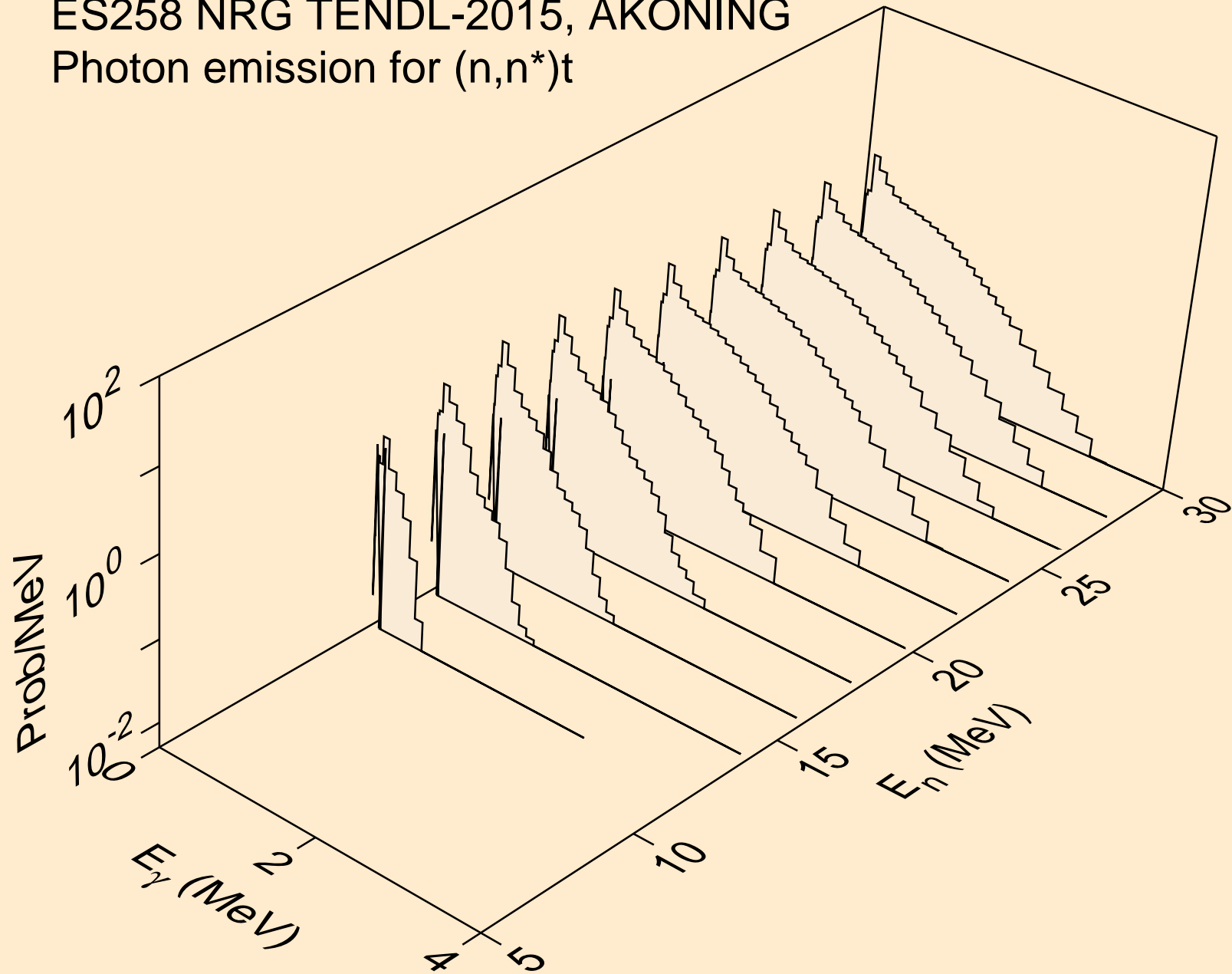


ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

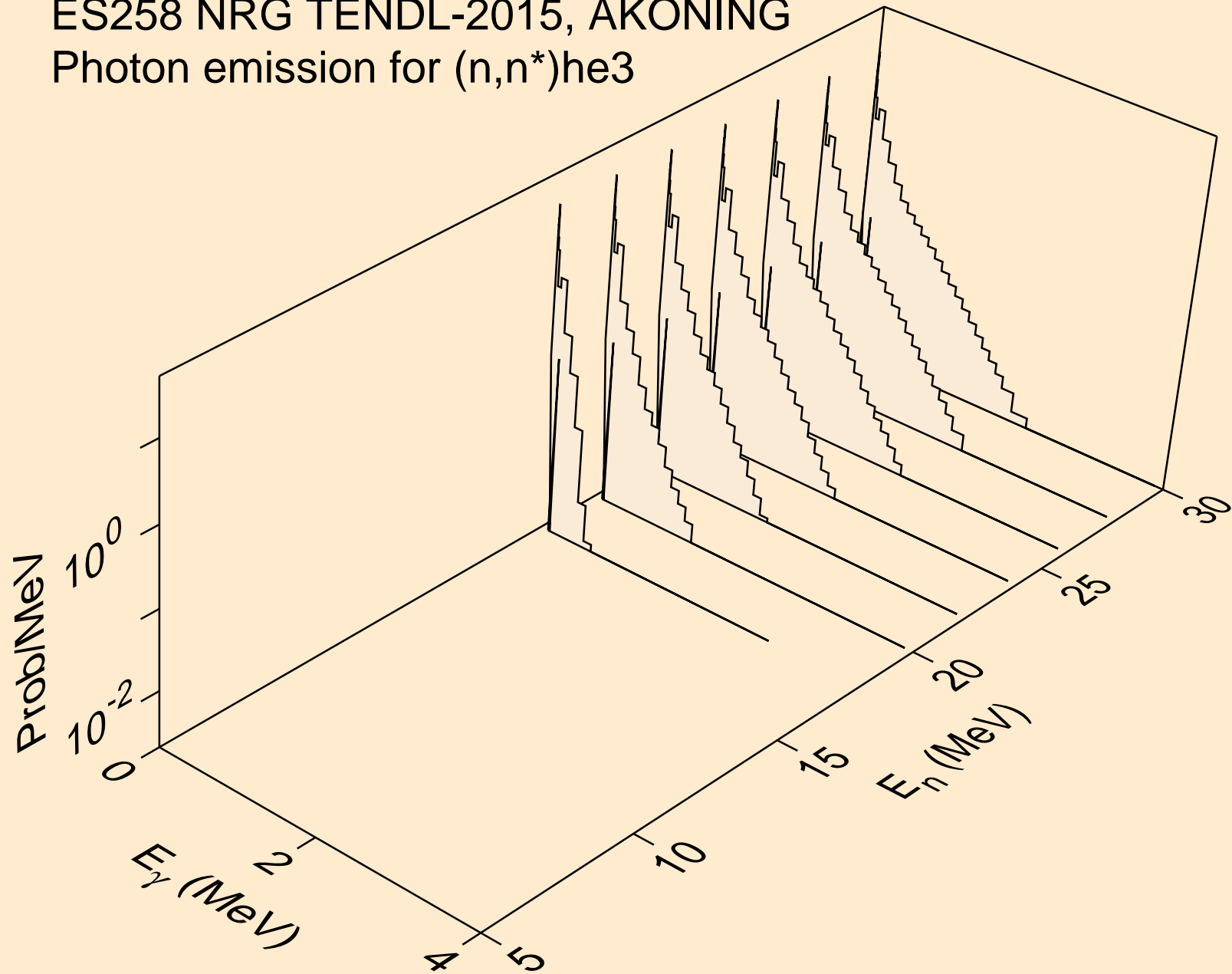




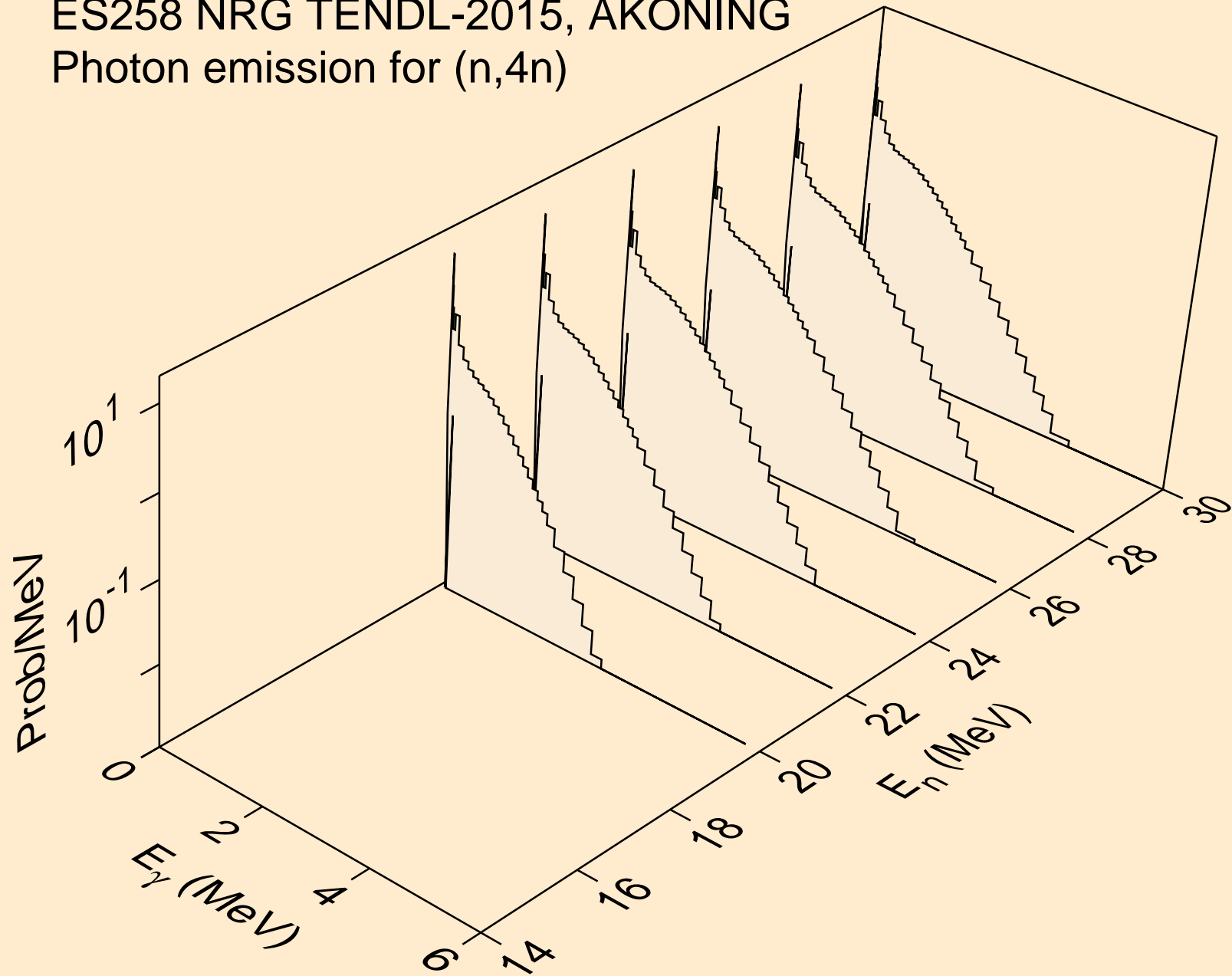
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



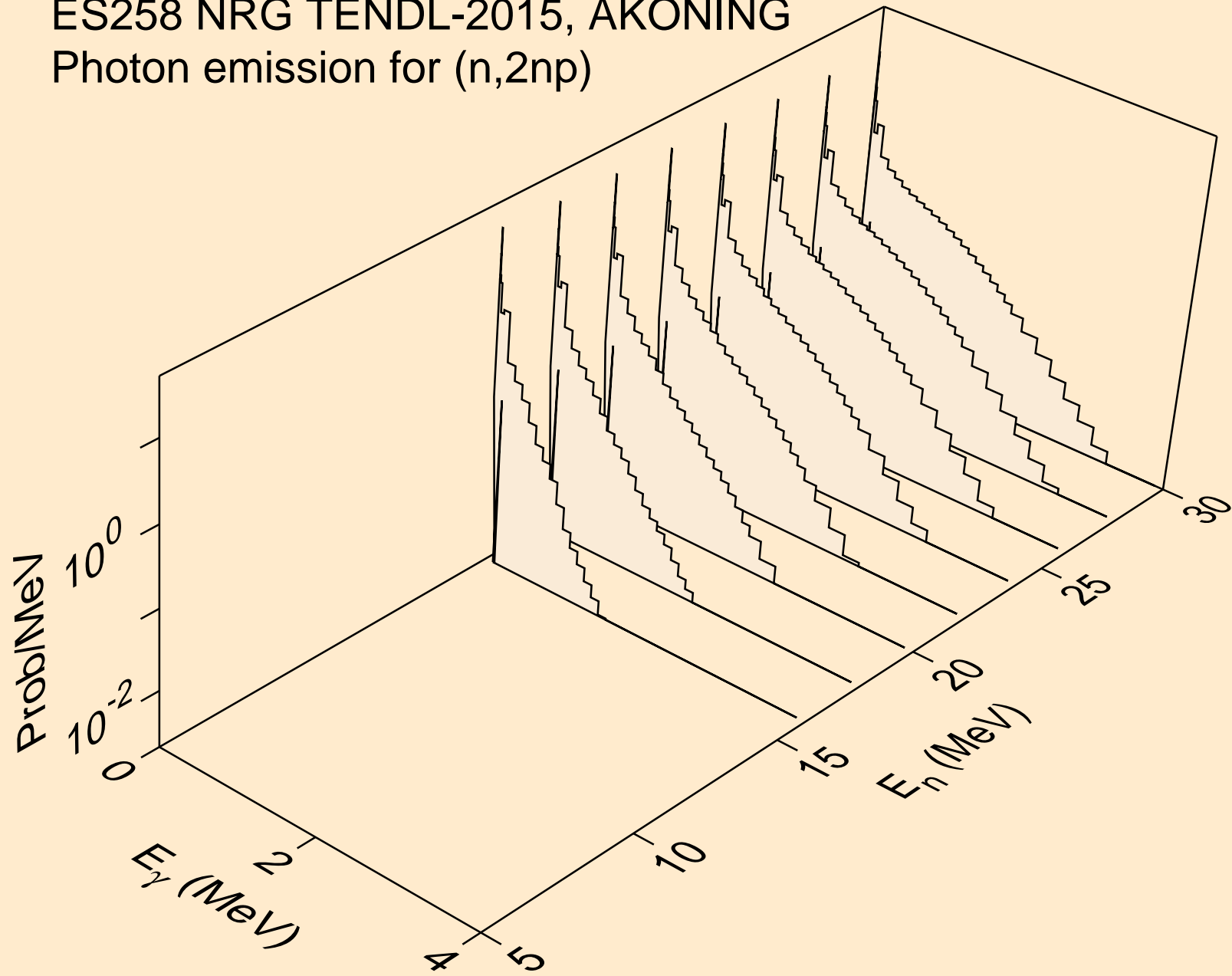
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



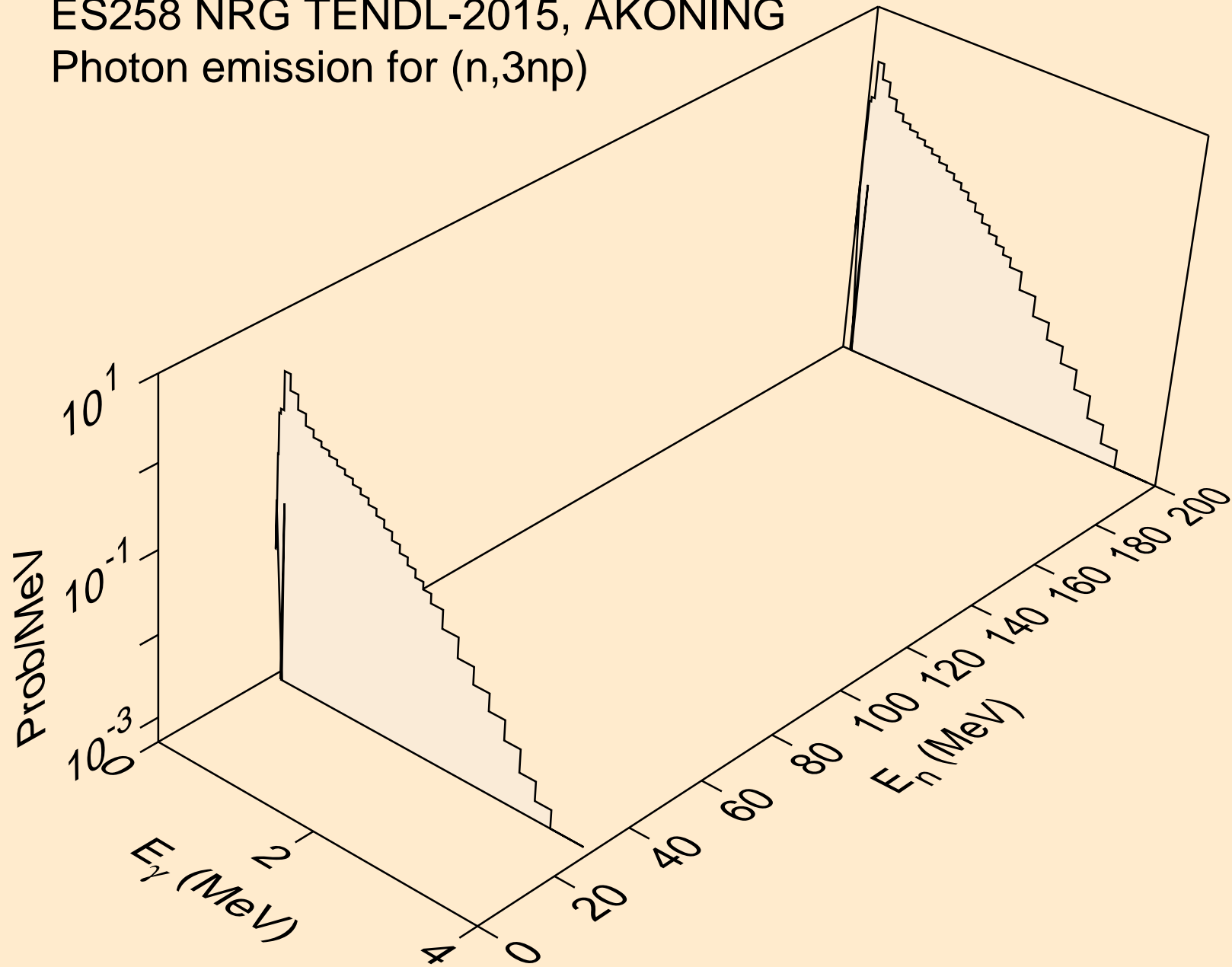
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



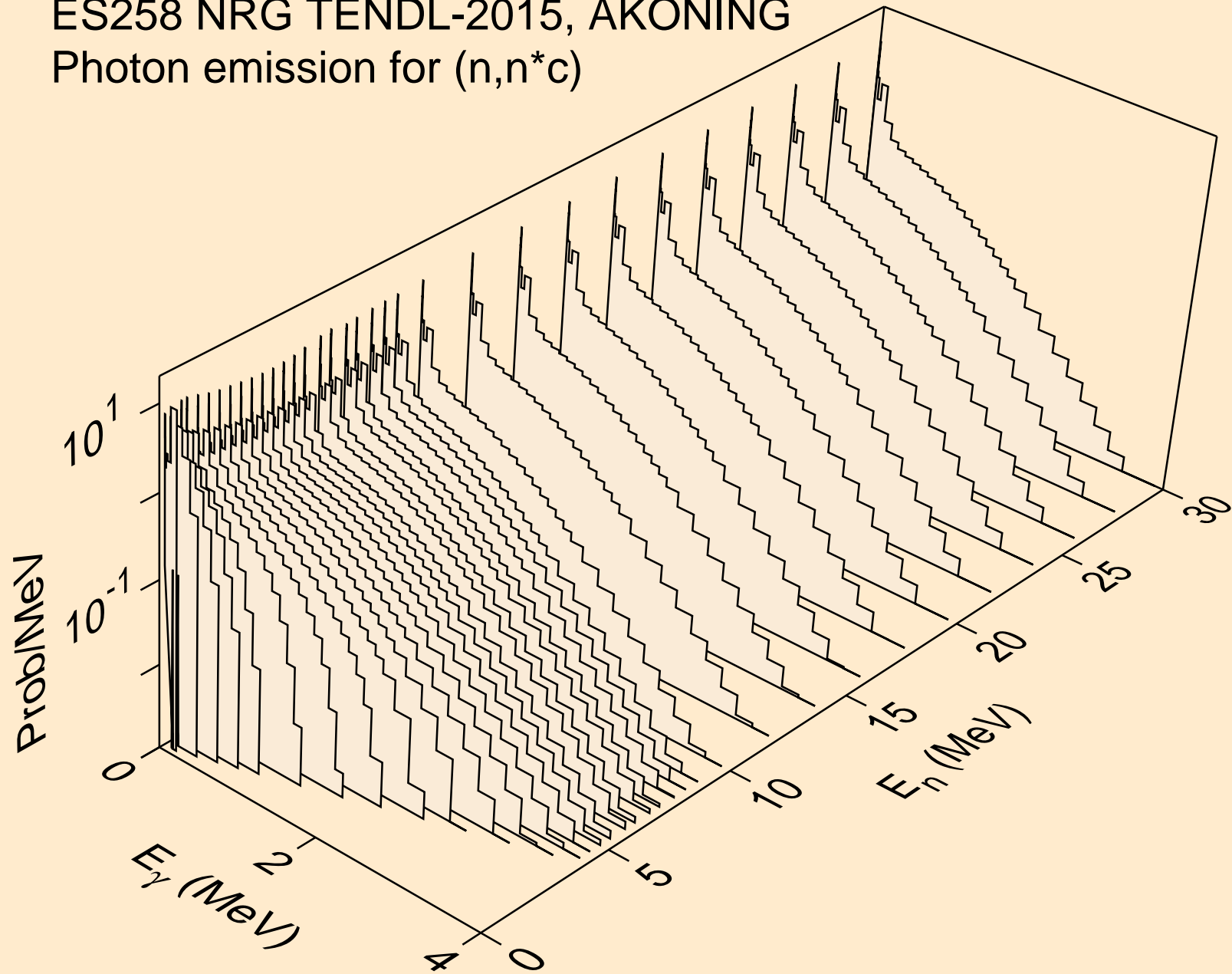
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



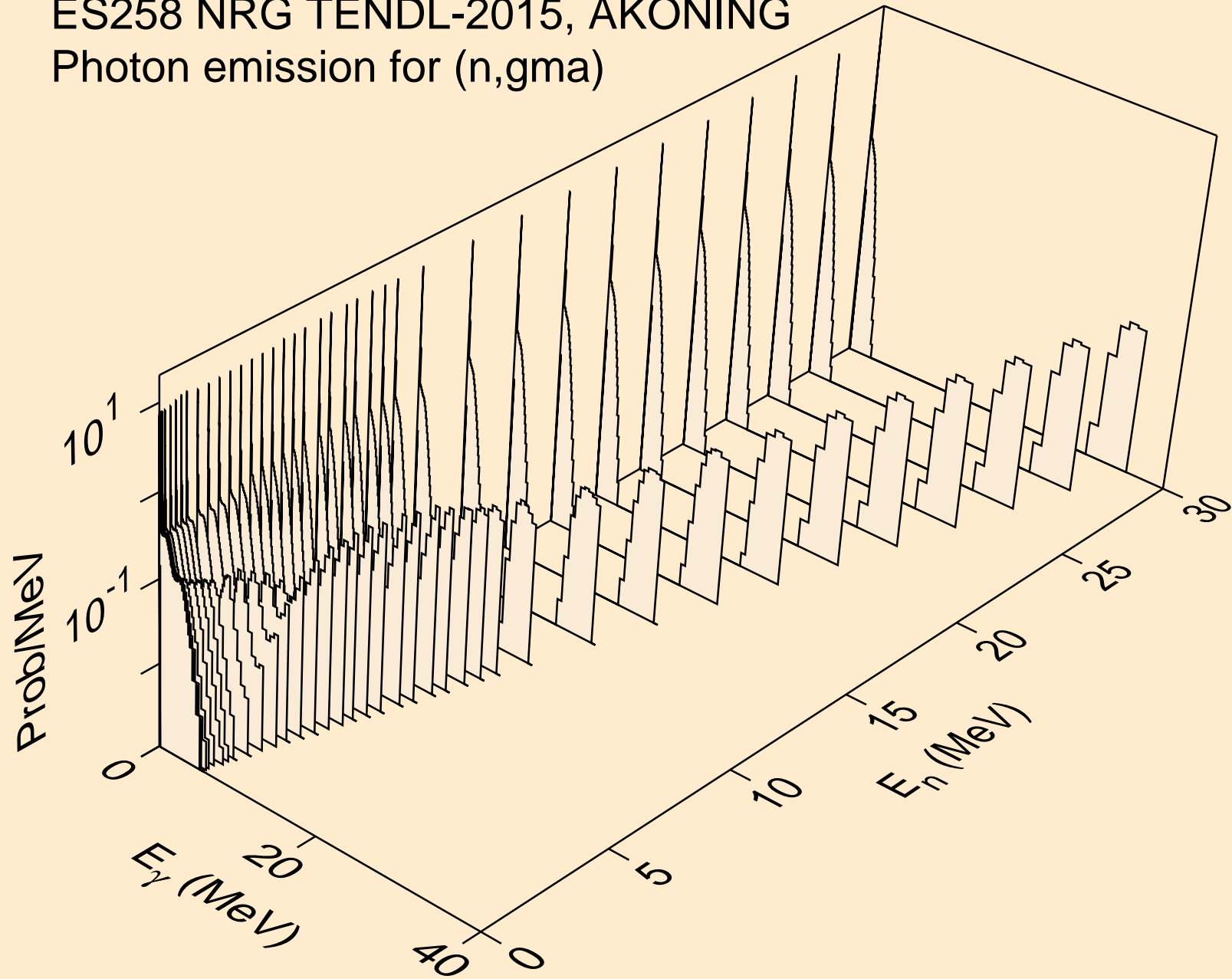
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



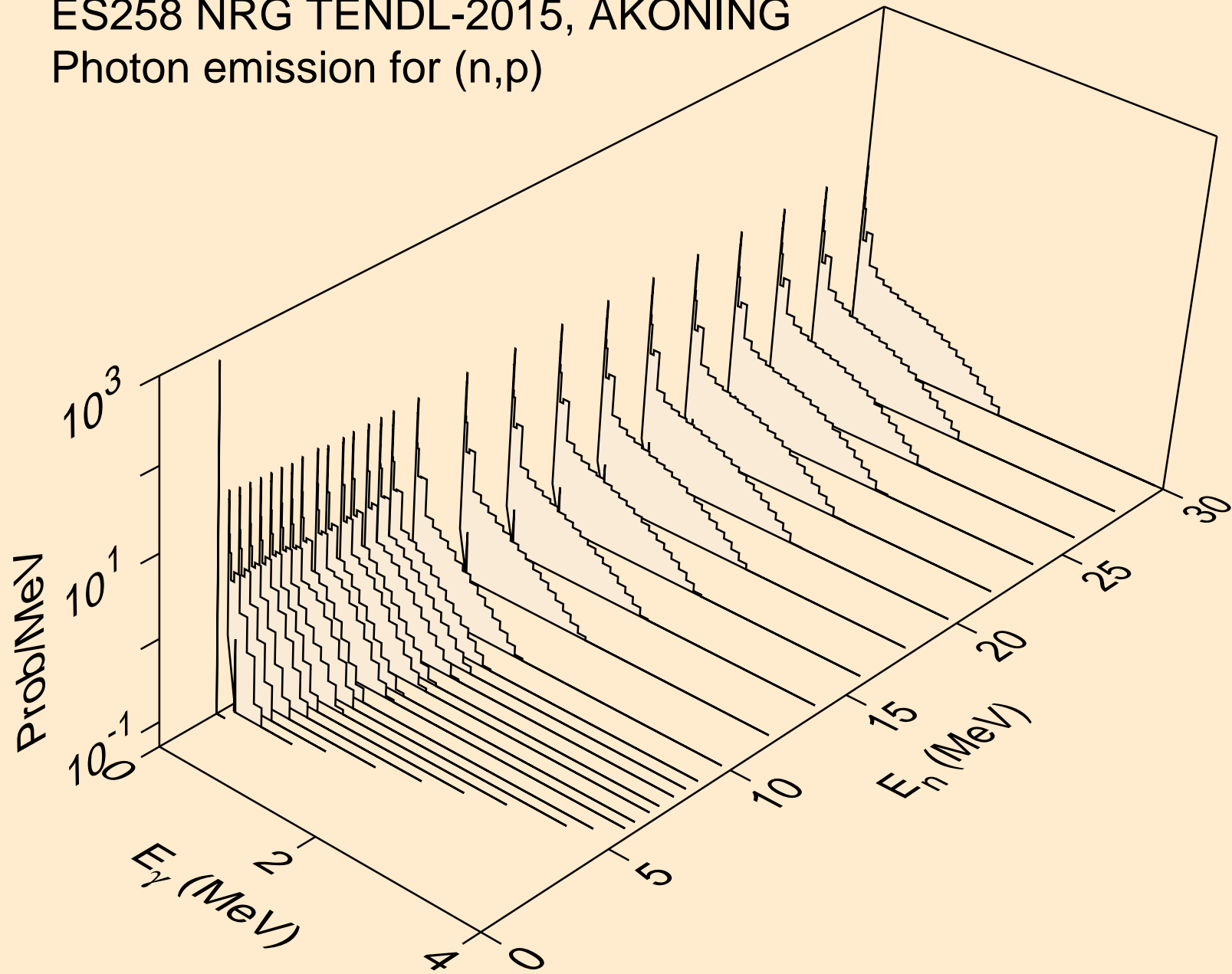
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

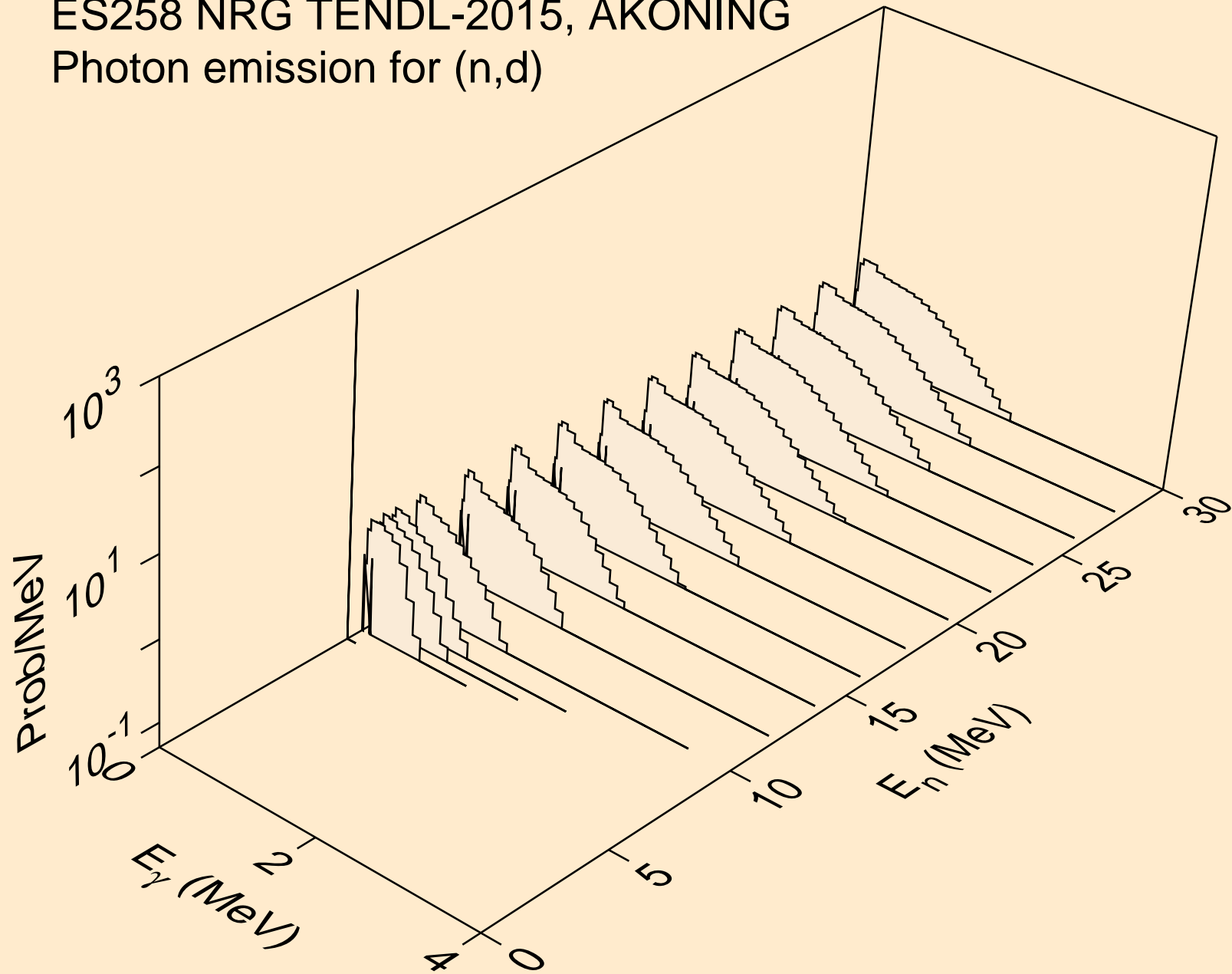


ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

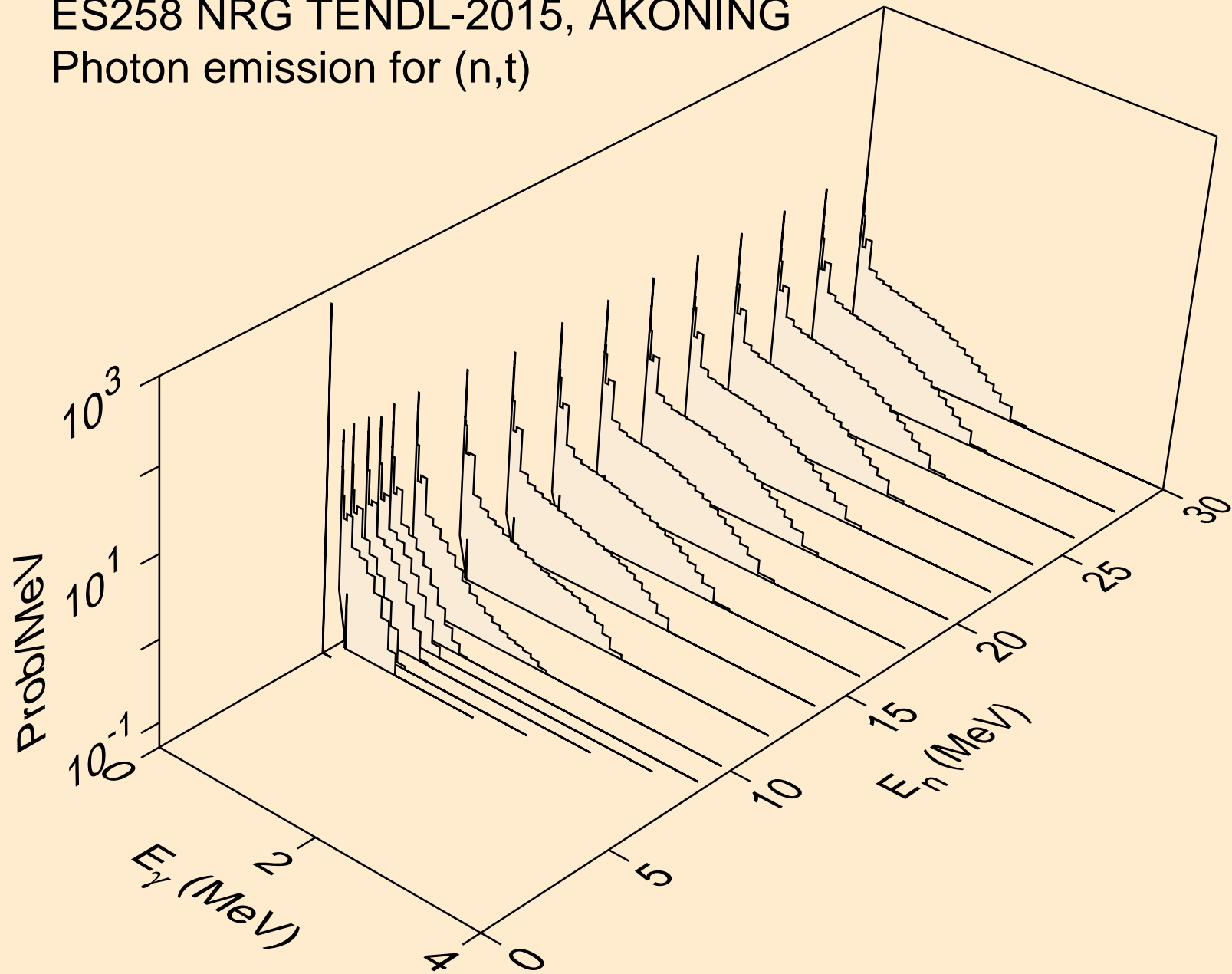




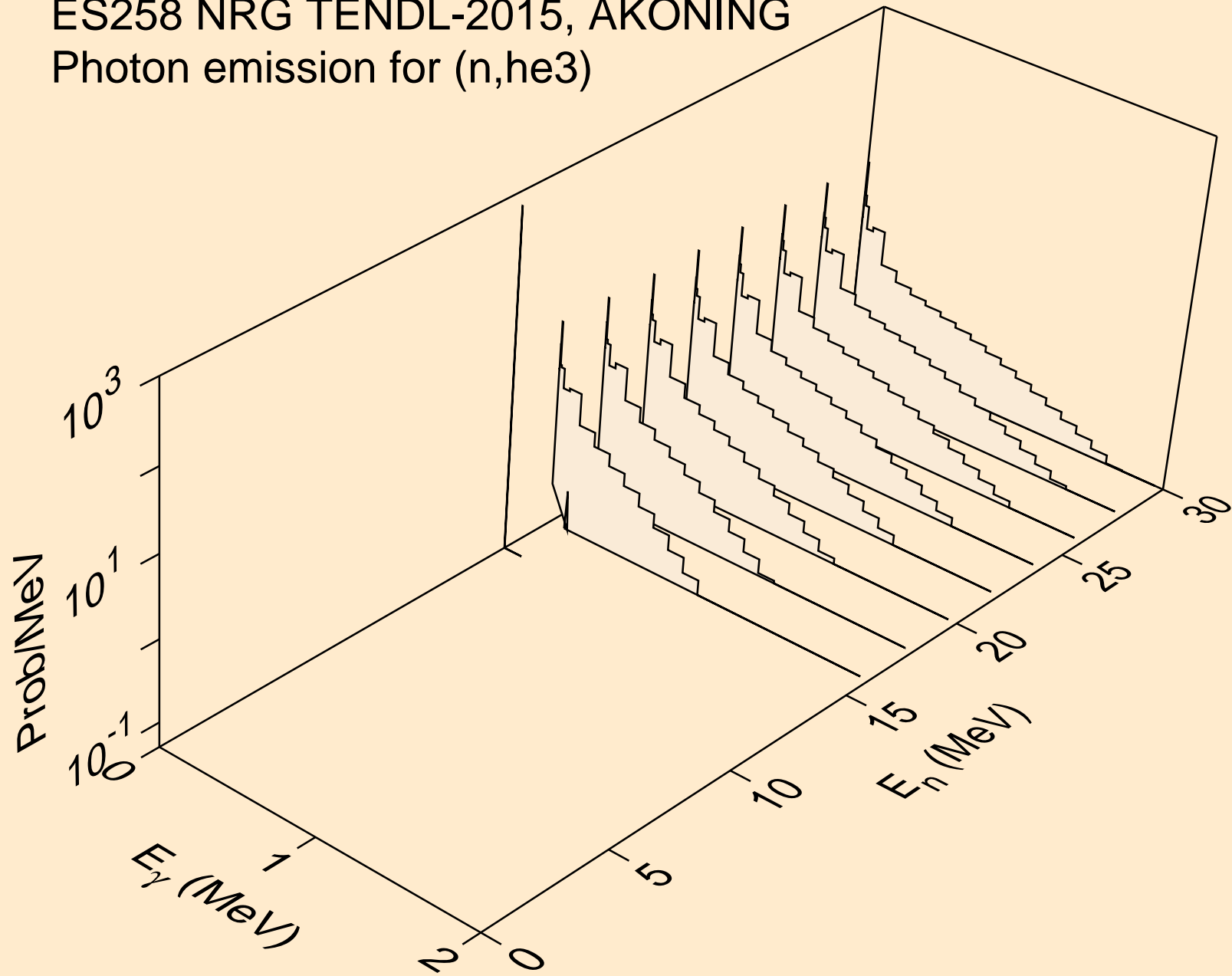
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



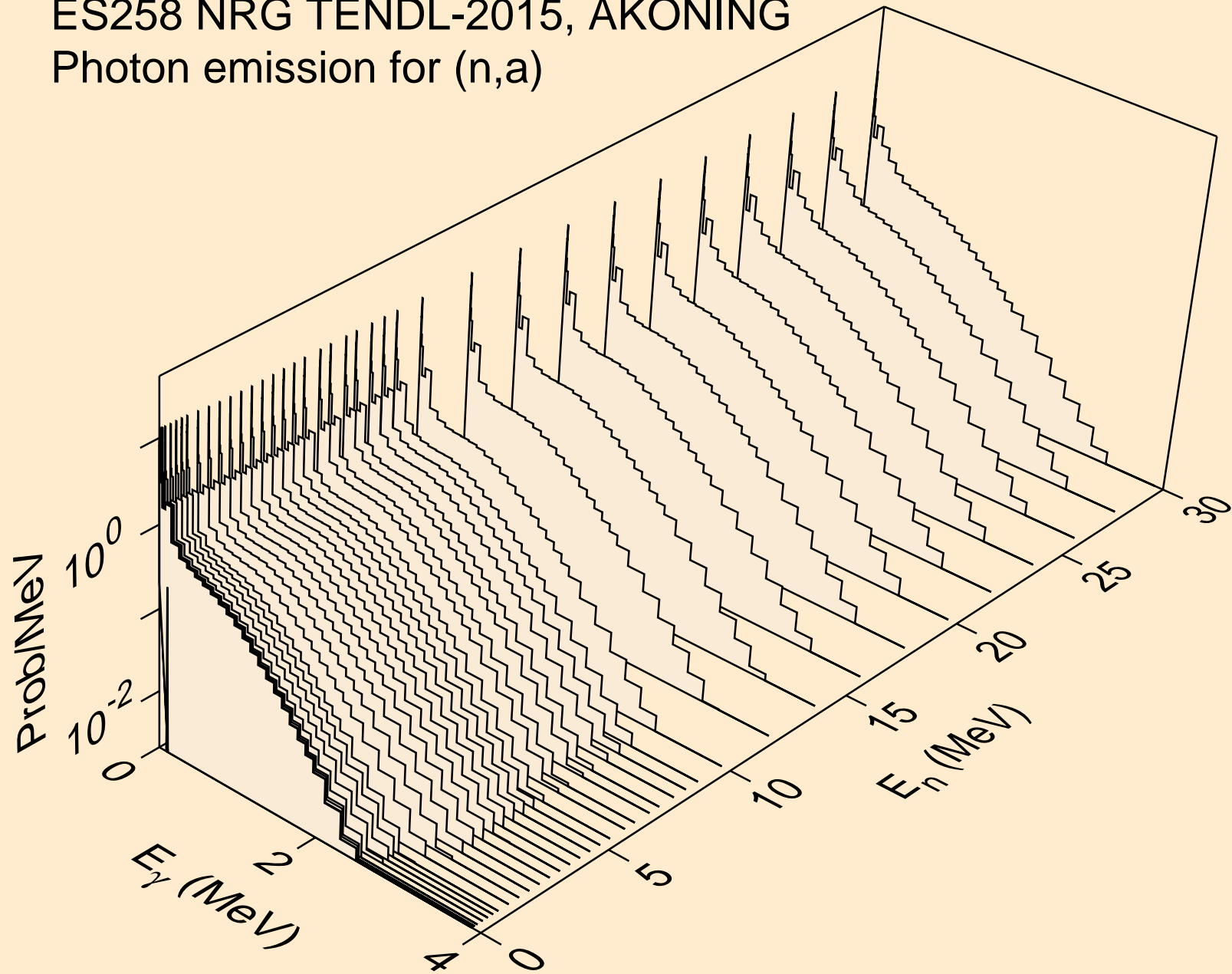
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



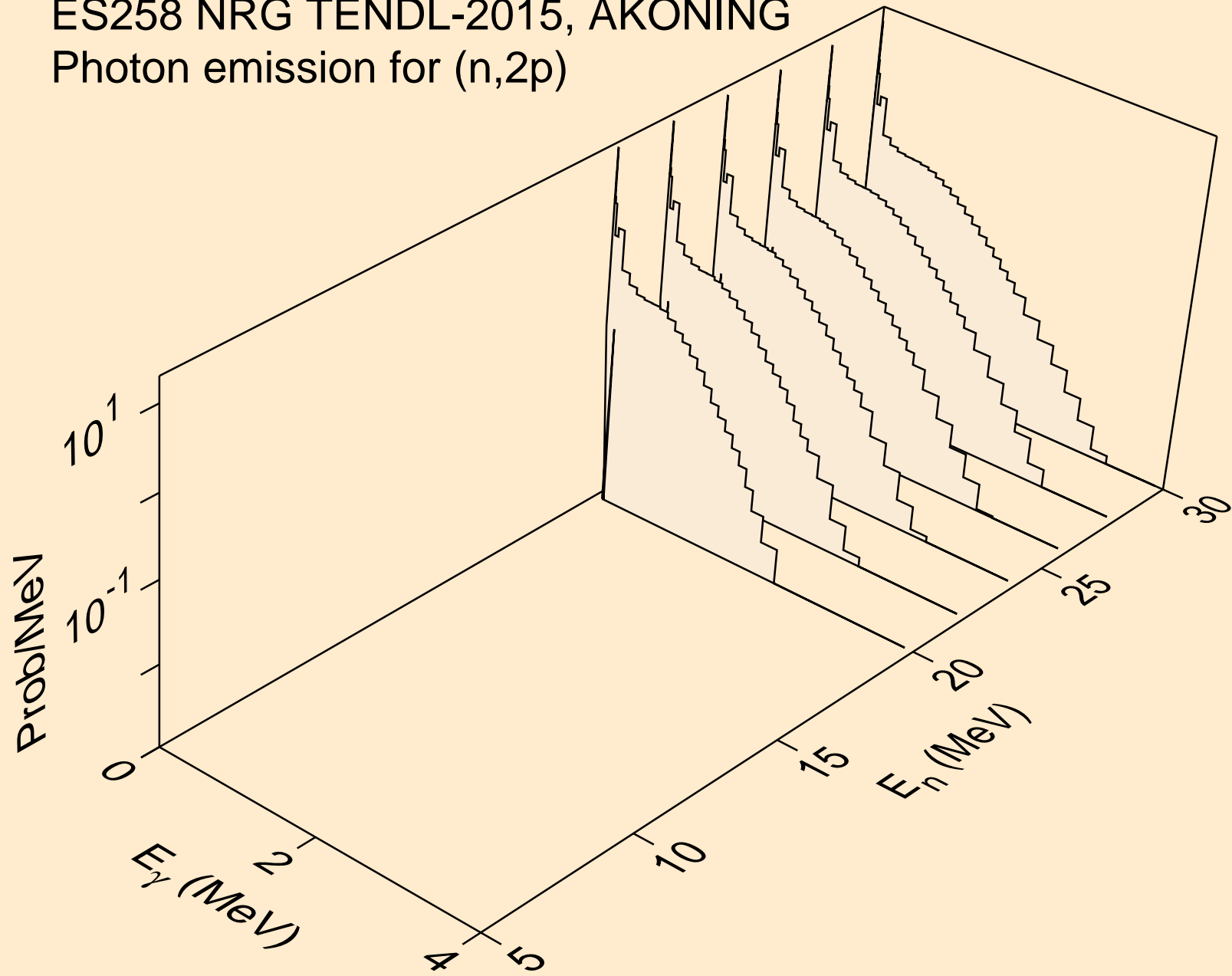
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



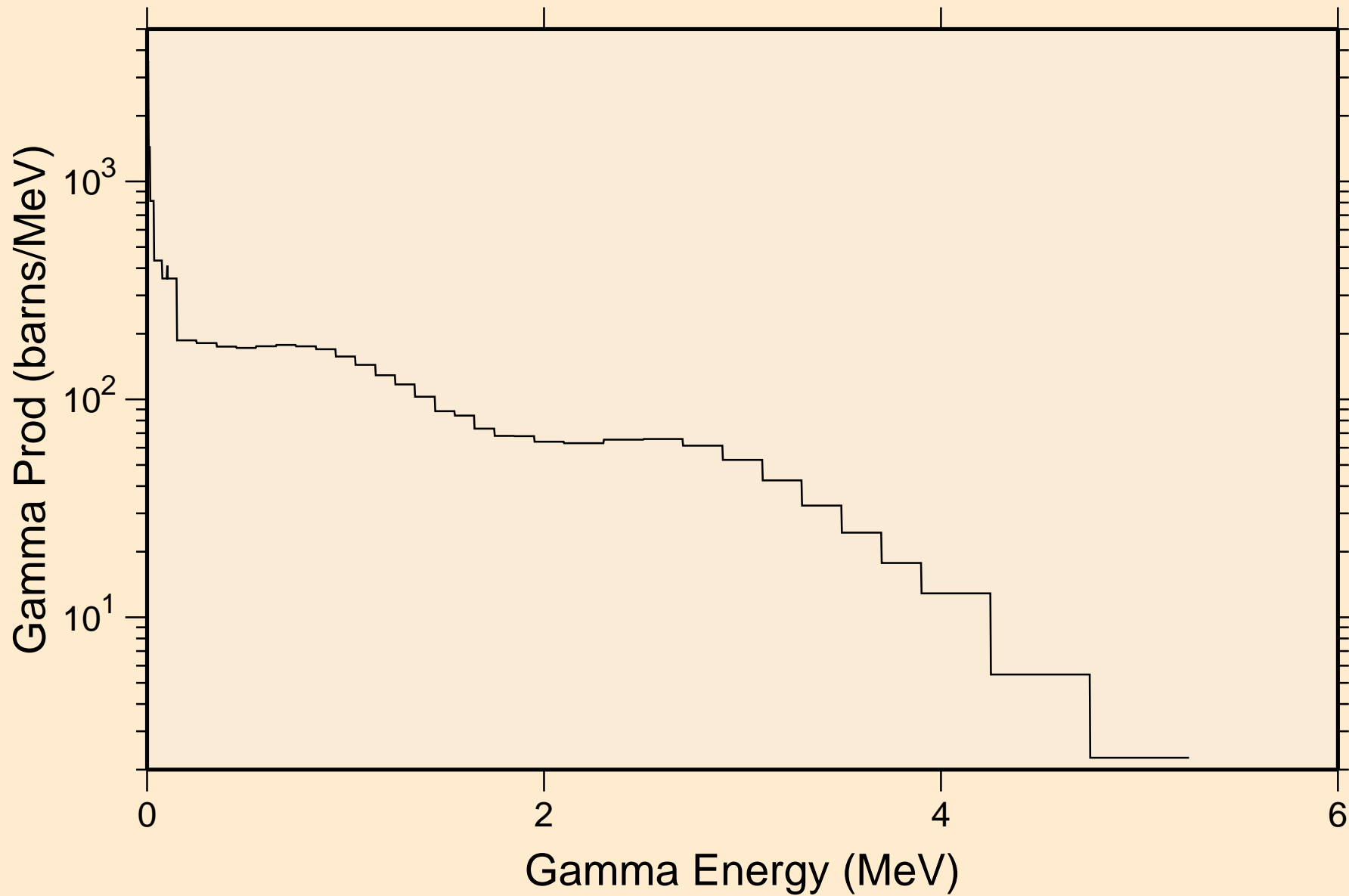
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



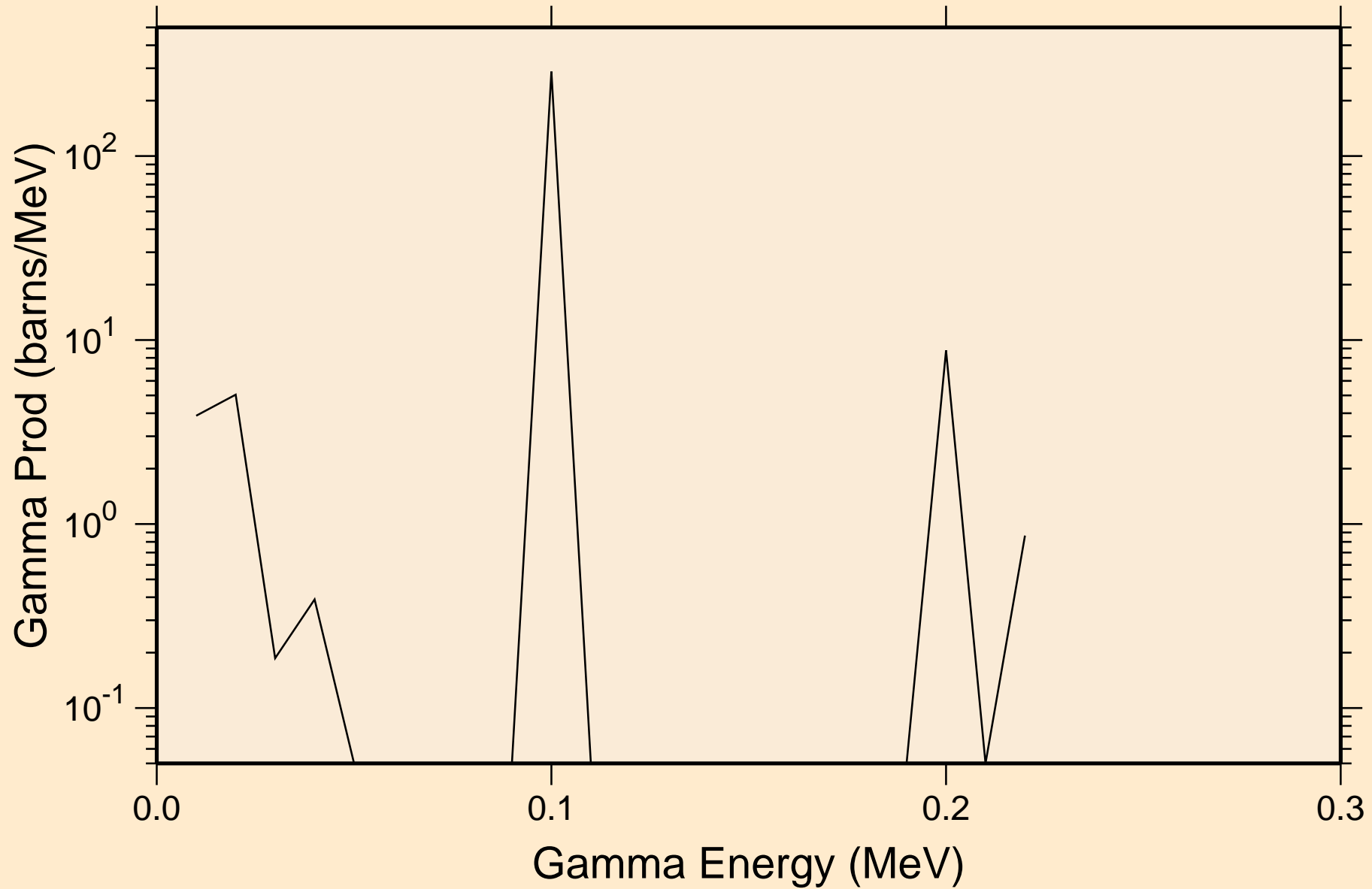
ES258 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



ES258 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

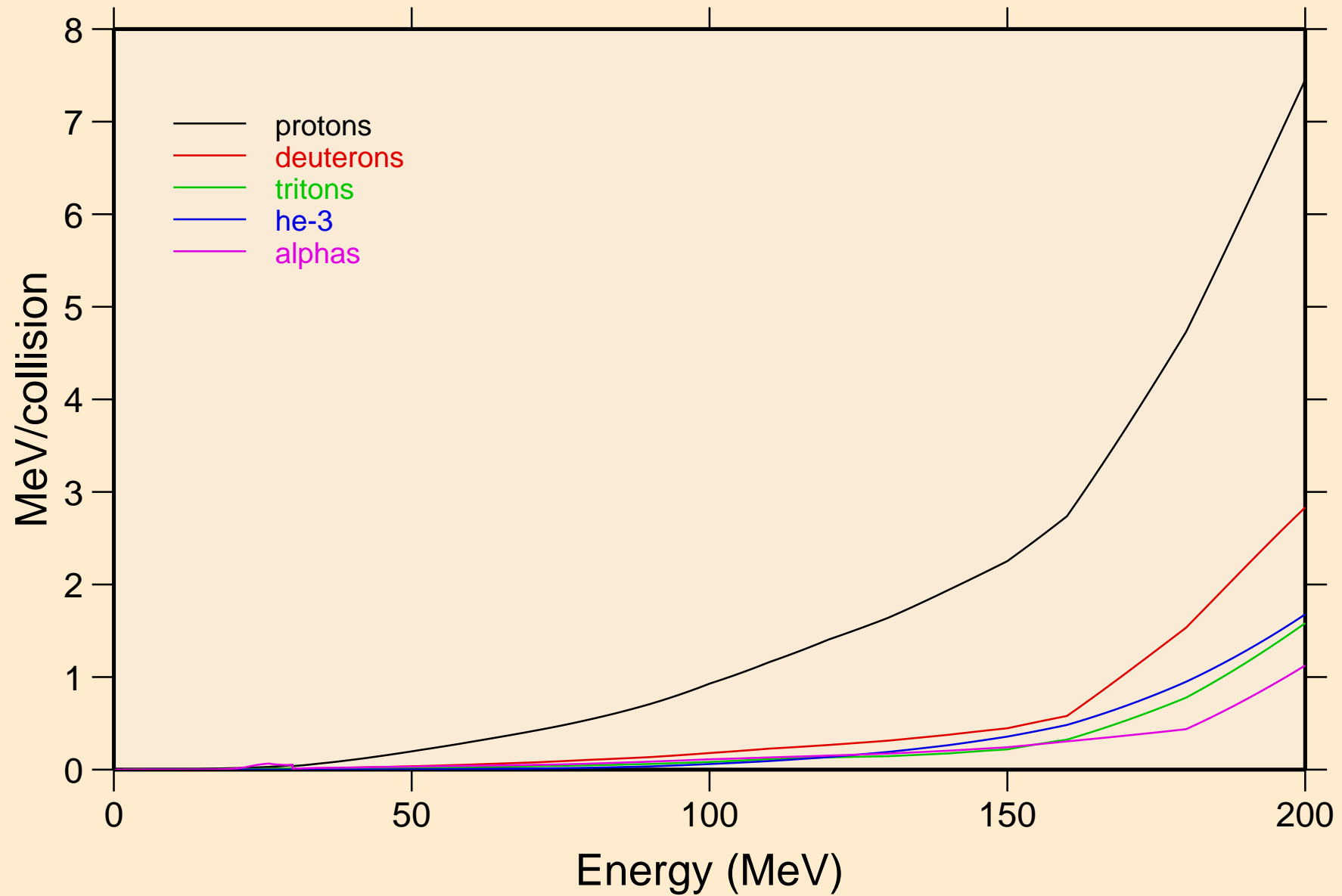


ES258 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# ES258 NRG TENDL-2015, AKONING

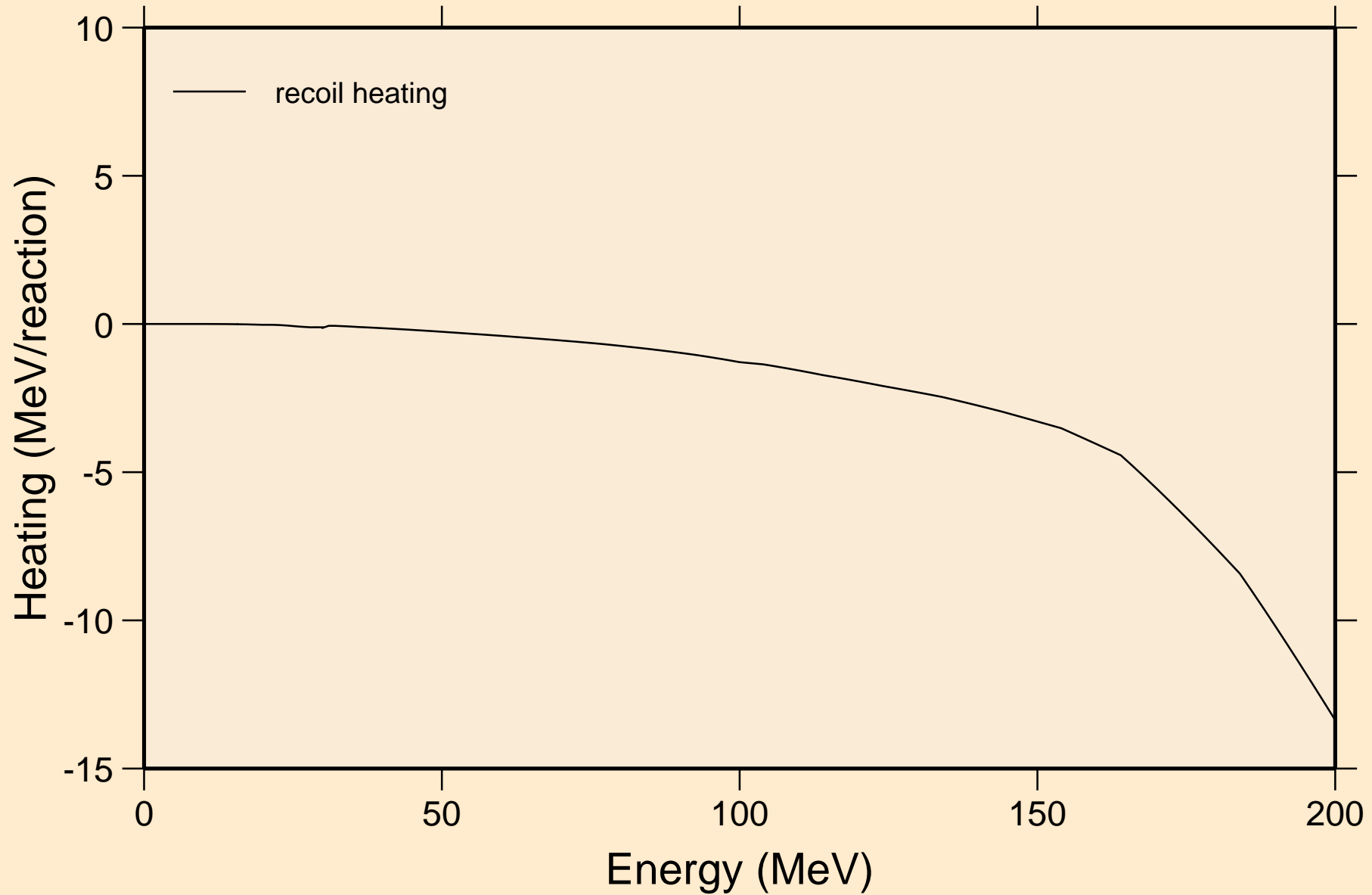
## Particle heating contributions





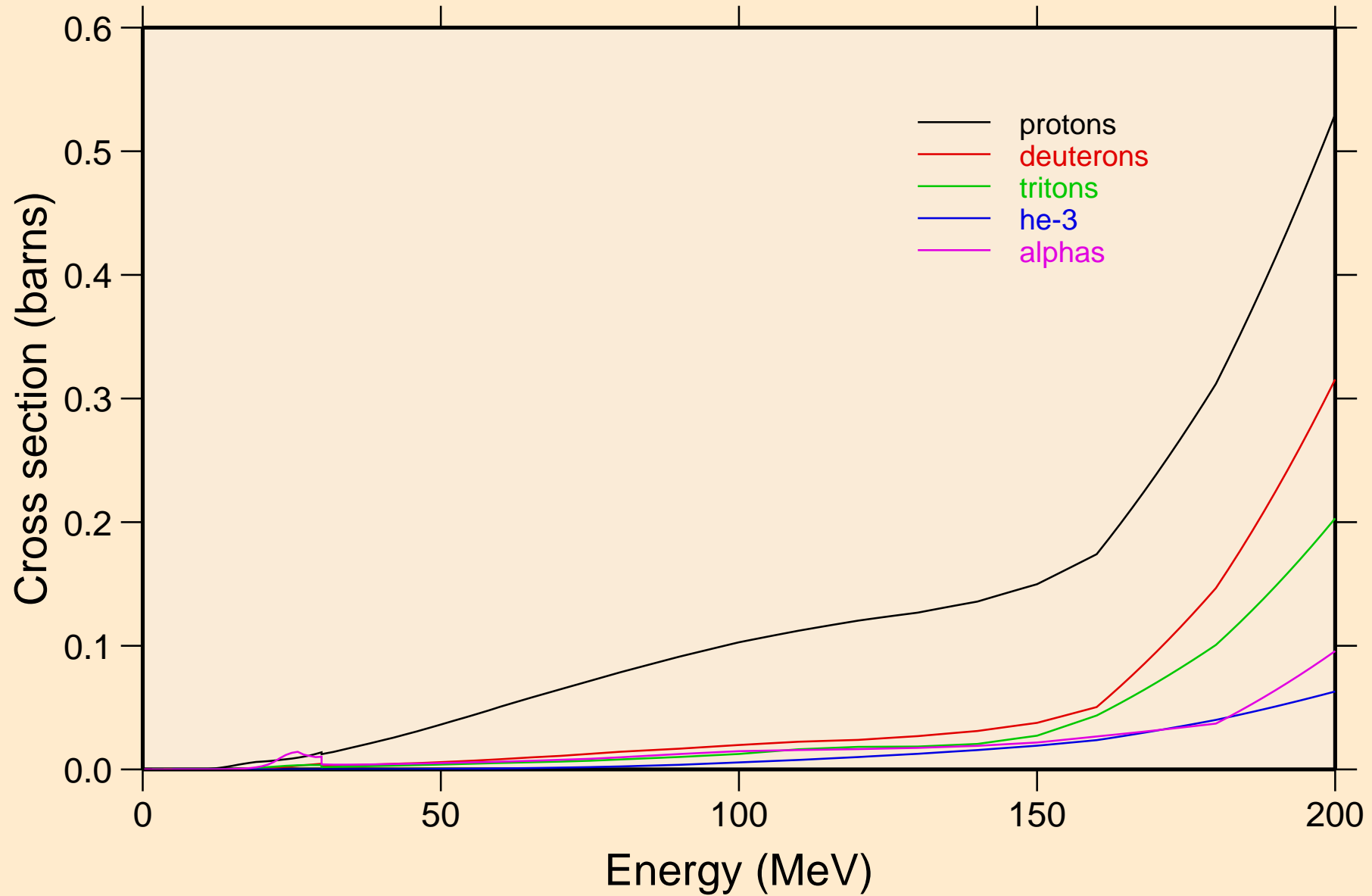
# ES258 NRG TENDL-2015, AKONING

## Recoil Heating

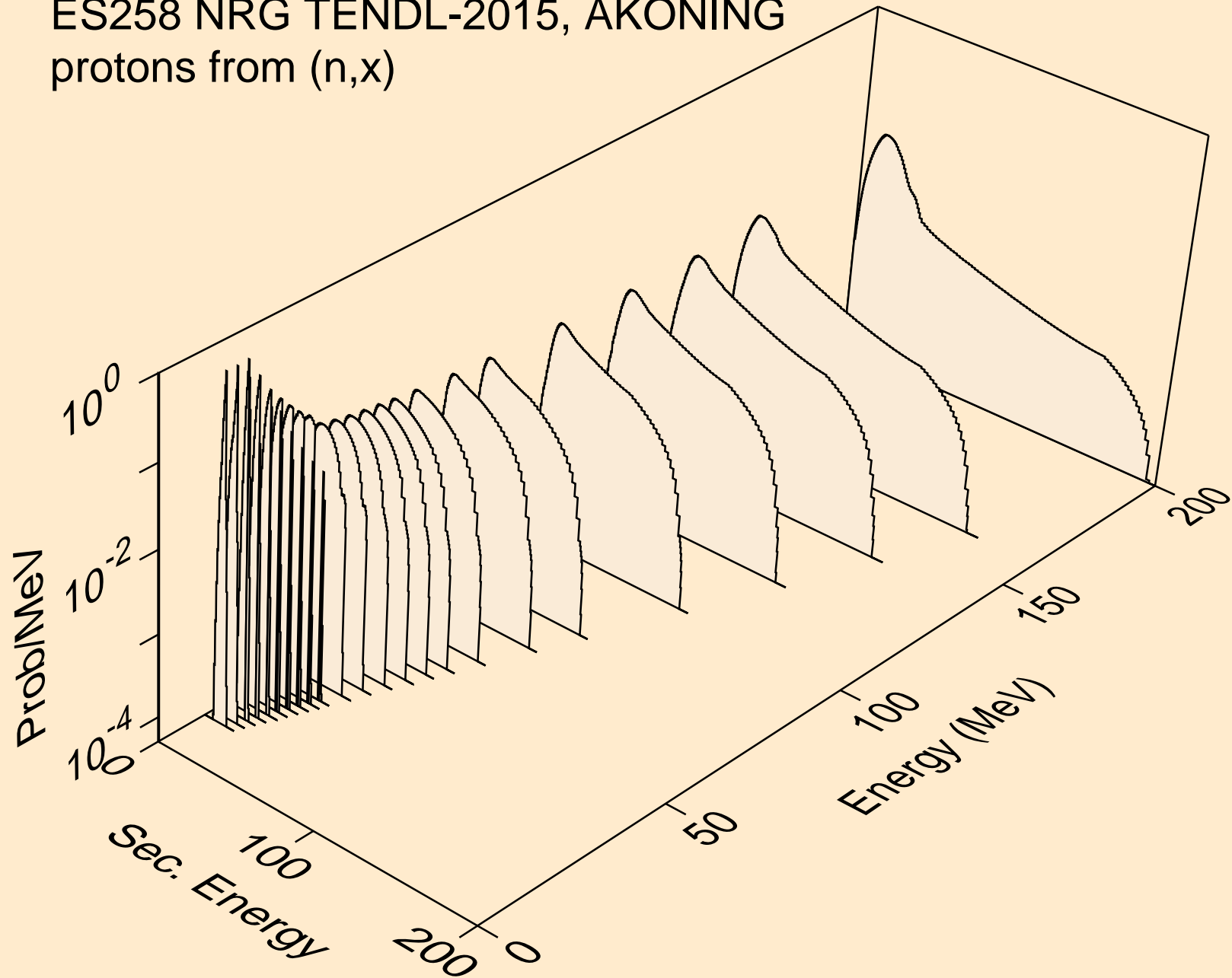


# ES258 NRG TENDL-2015, AKONING

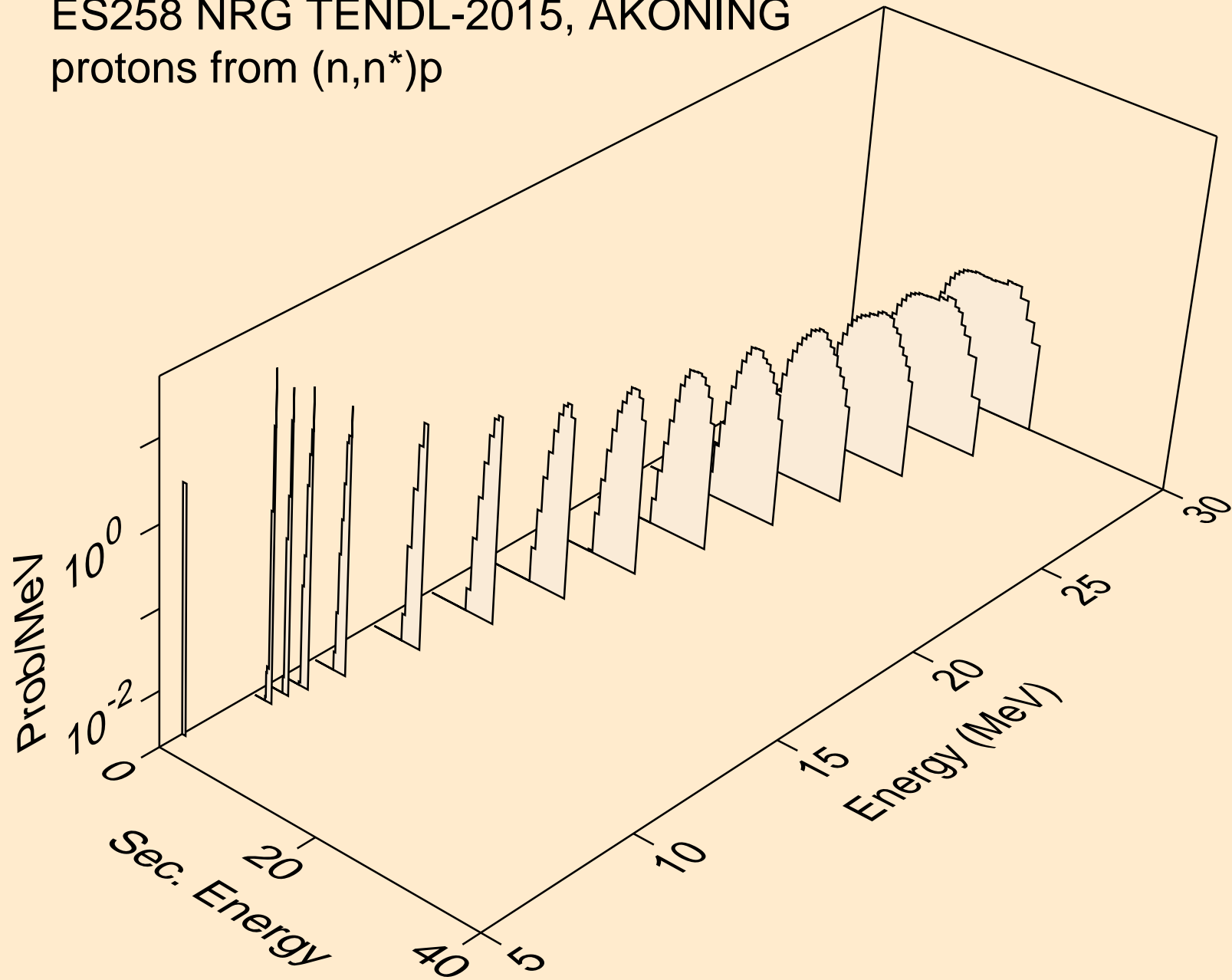
## Particle production cross sections



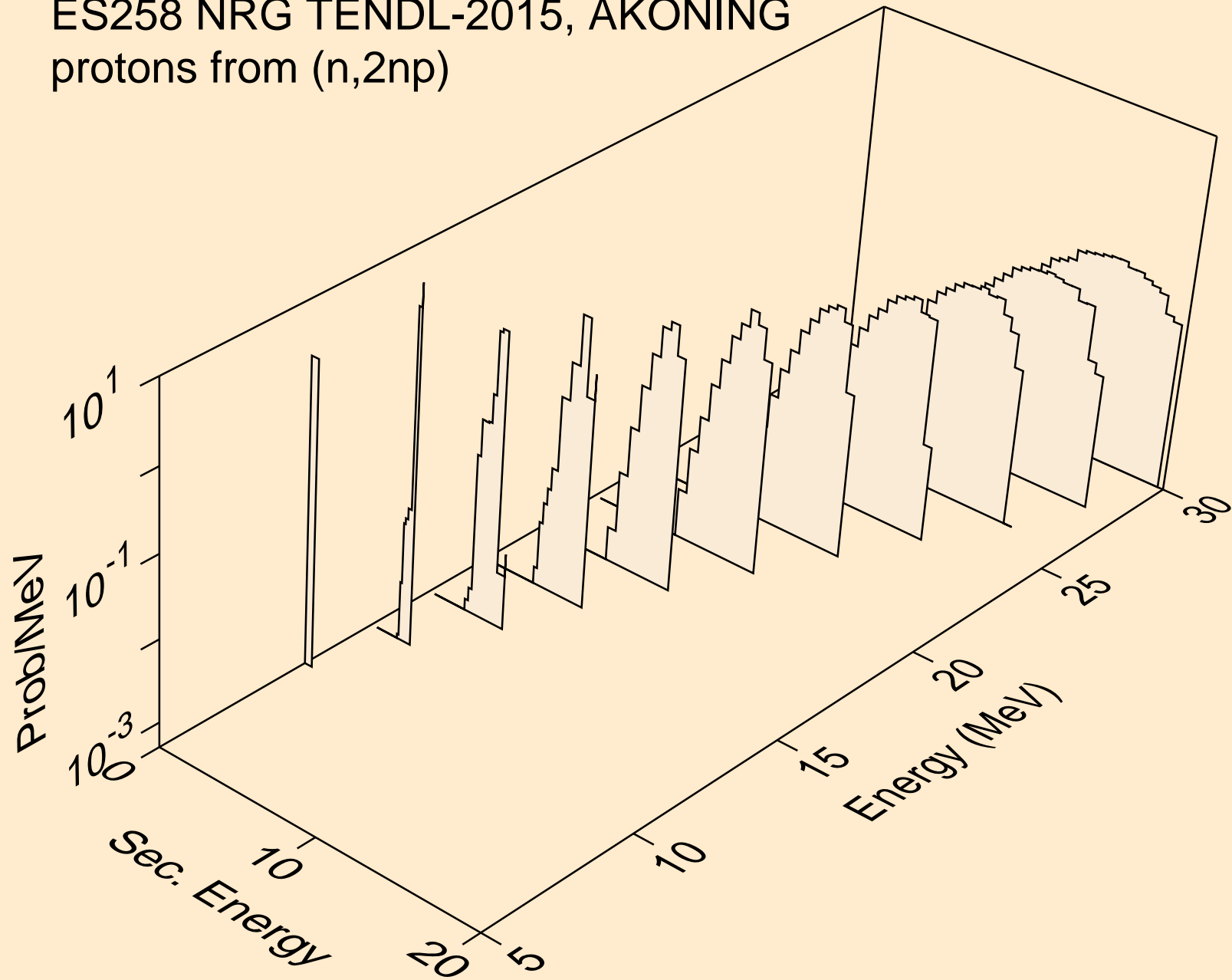
ES258 NRG TENDL-2015, AKONING  
protons from (n,x)



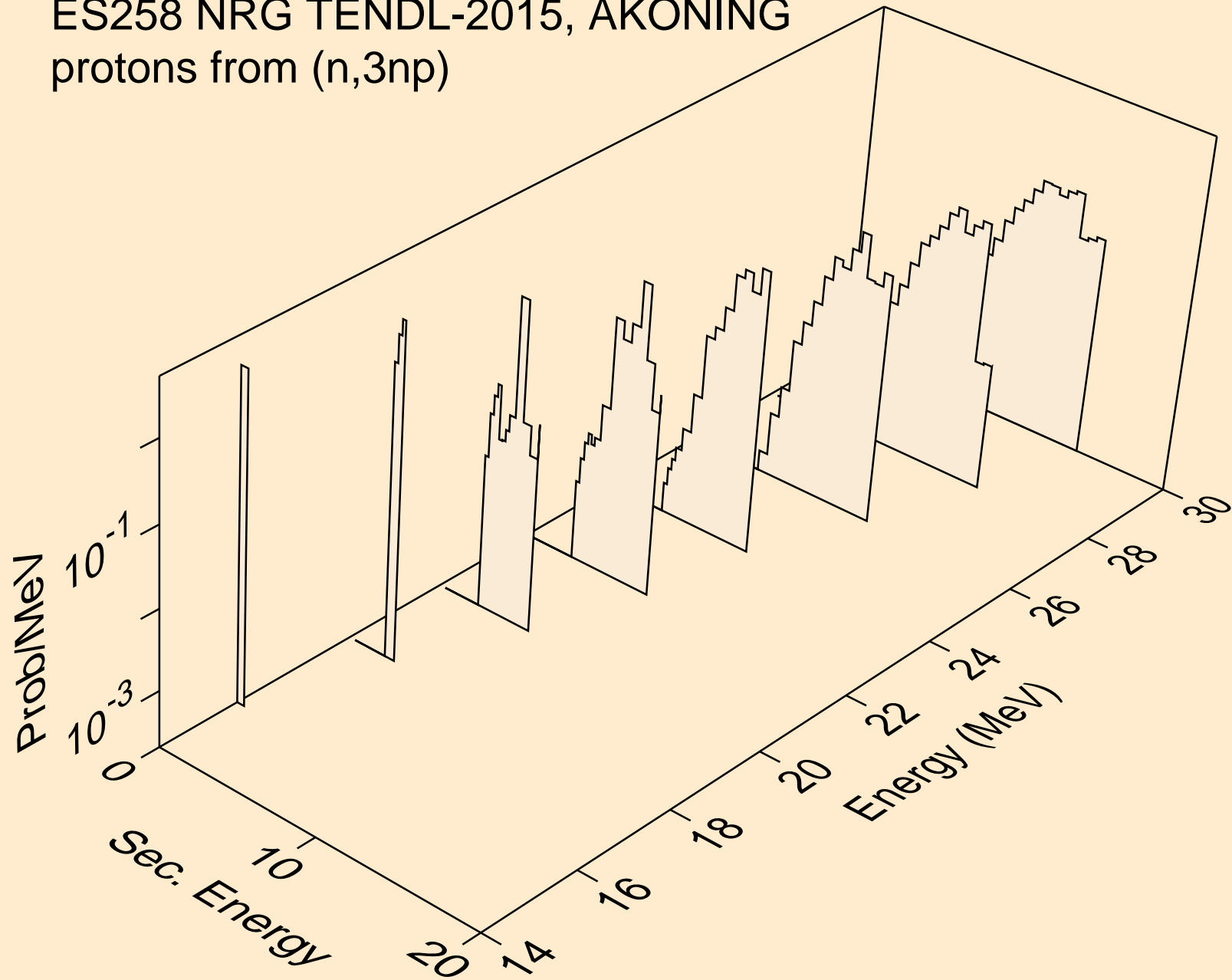
ES258 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



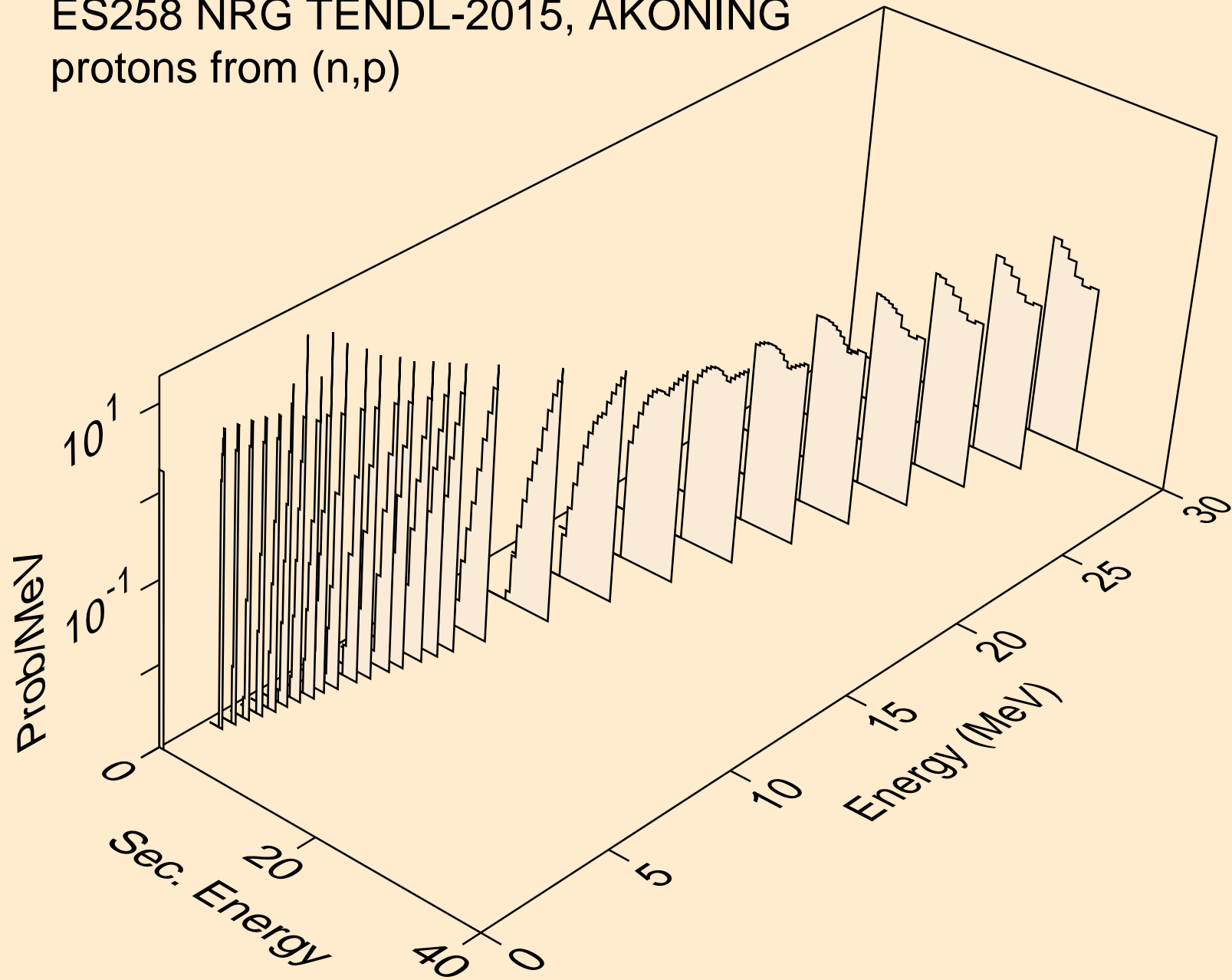
ES258 NRG TENDL-2015, AKONING  
protons from (n,2np)



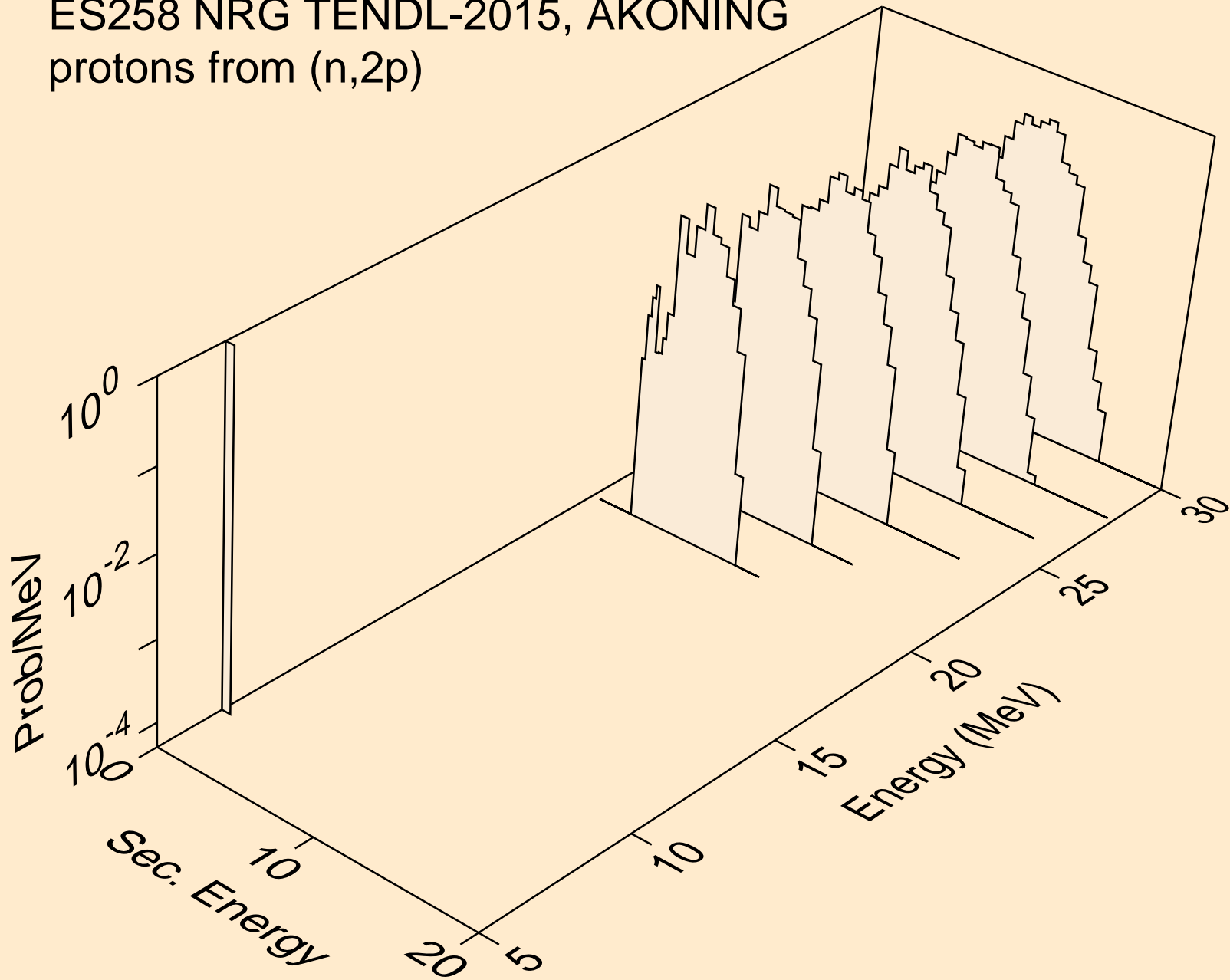
ES258 NRG TENDL-2015, AKONING  
protons from (n,3np)



ES258 NRG TENDL-2015, AKONING  
protons from (n,p)

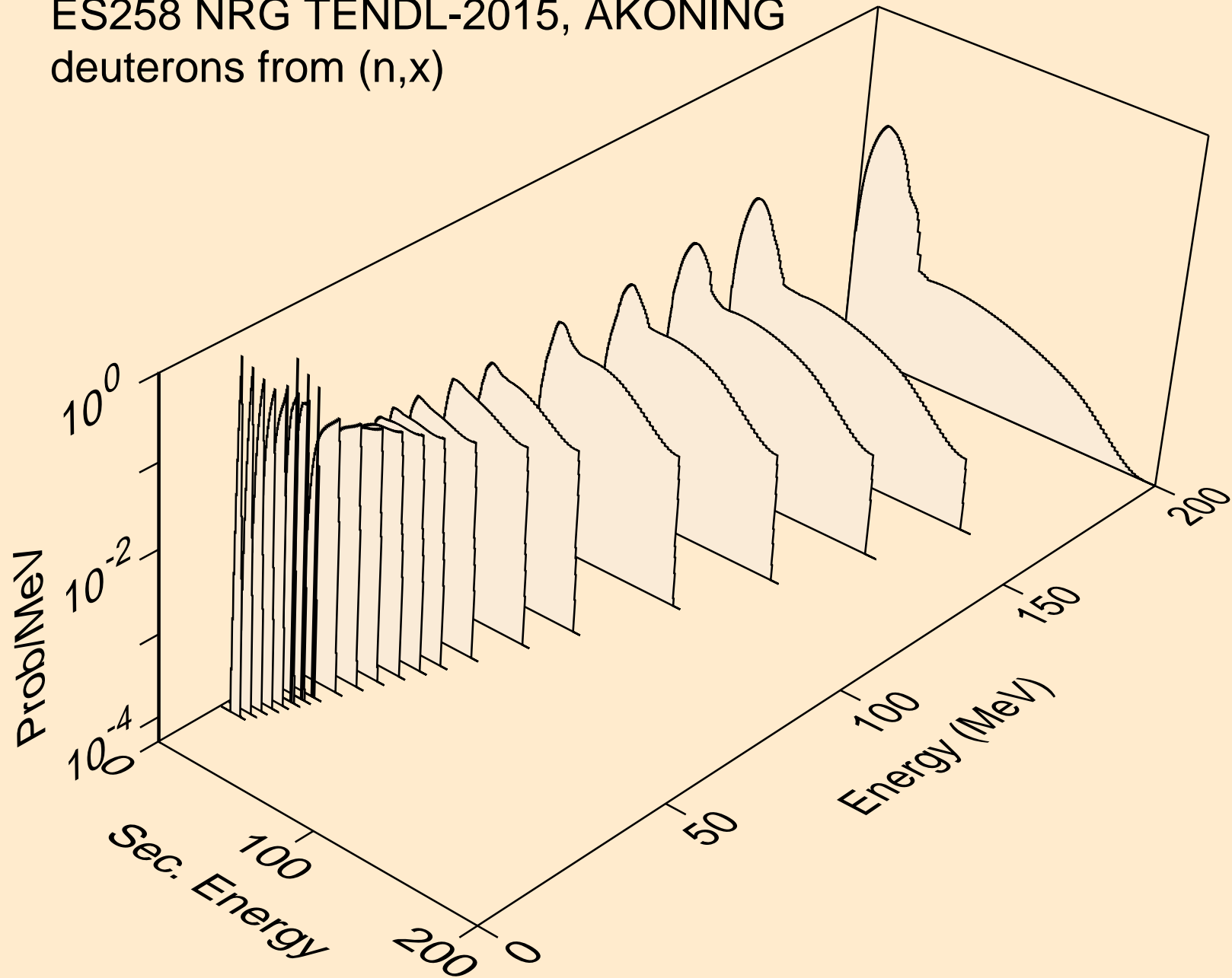


ES258 NRG TENDL-2015, AKONING  
protons from (n,2p)

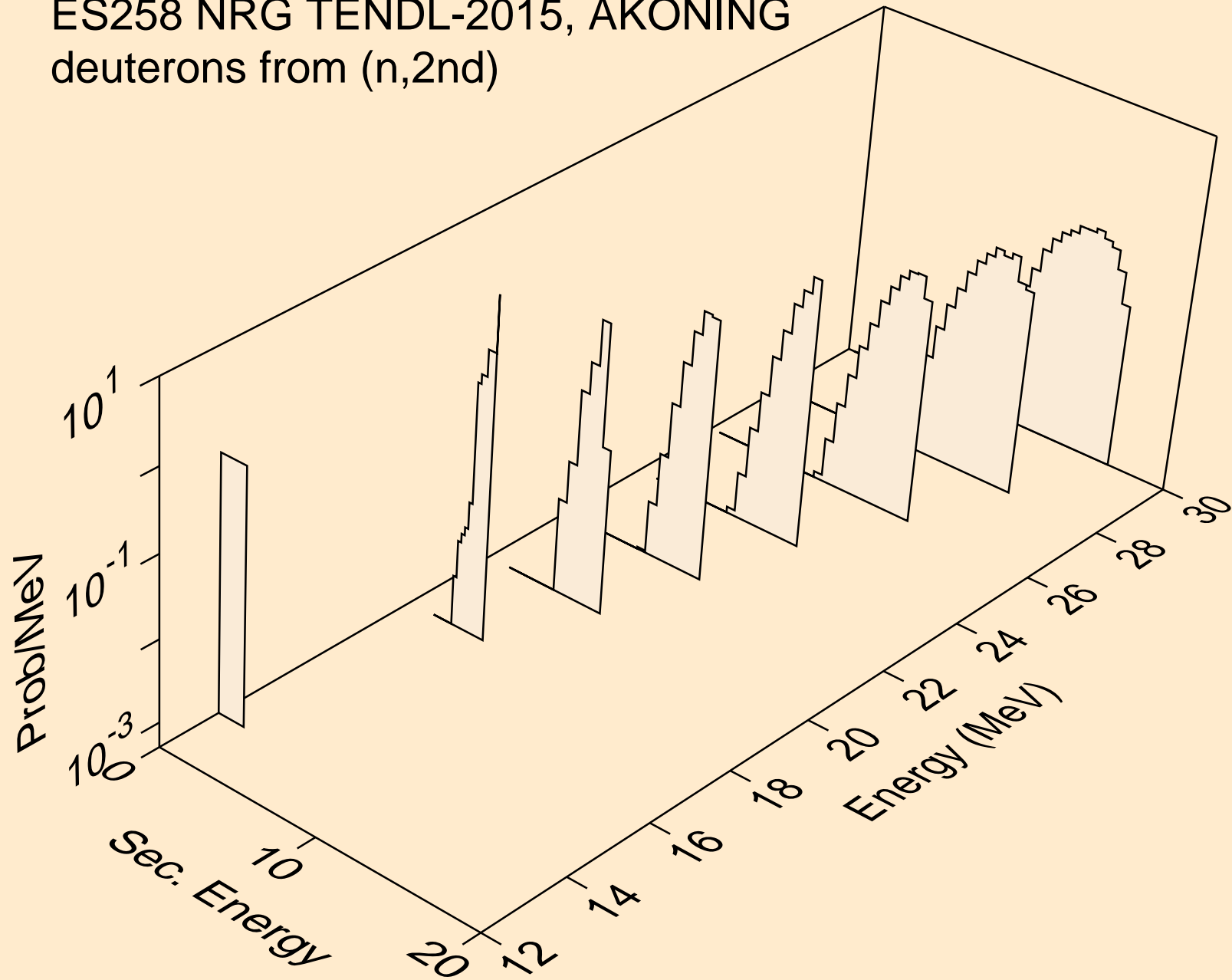




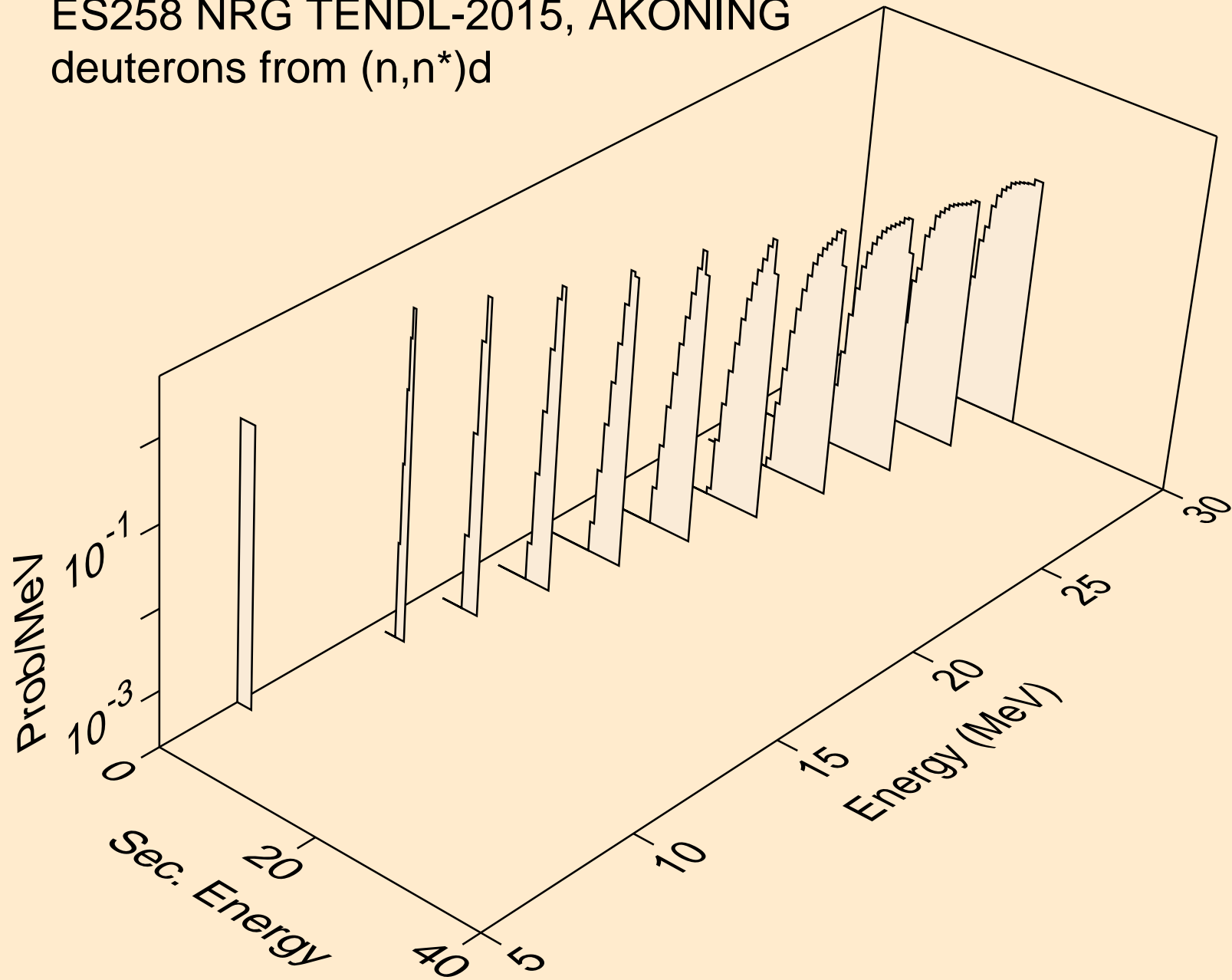
ES258 NRG TENDL-2015, AKONING  
deuterons from (n,x)



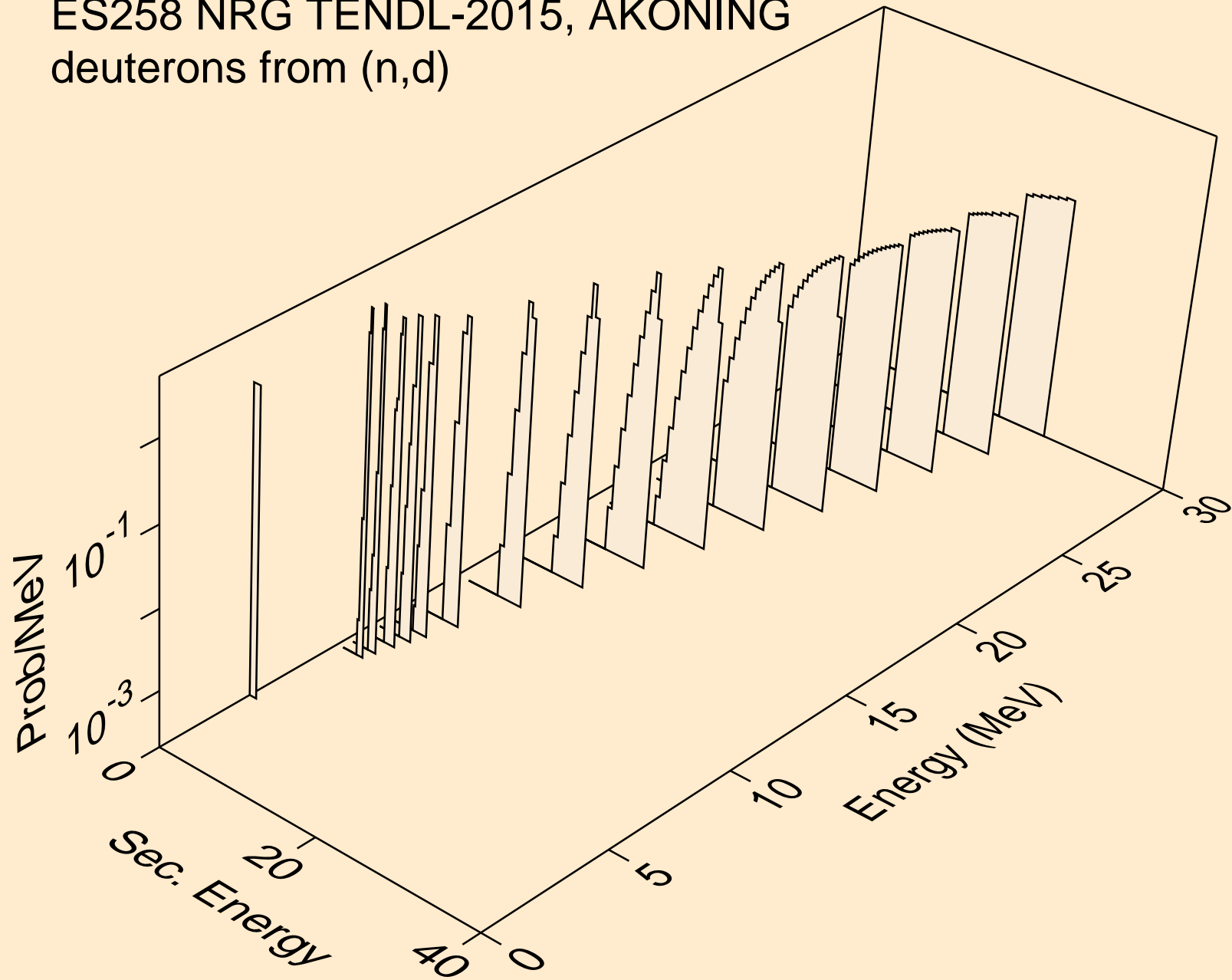
ES258 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



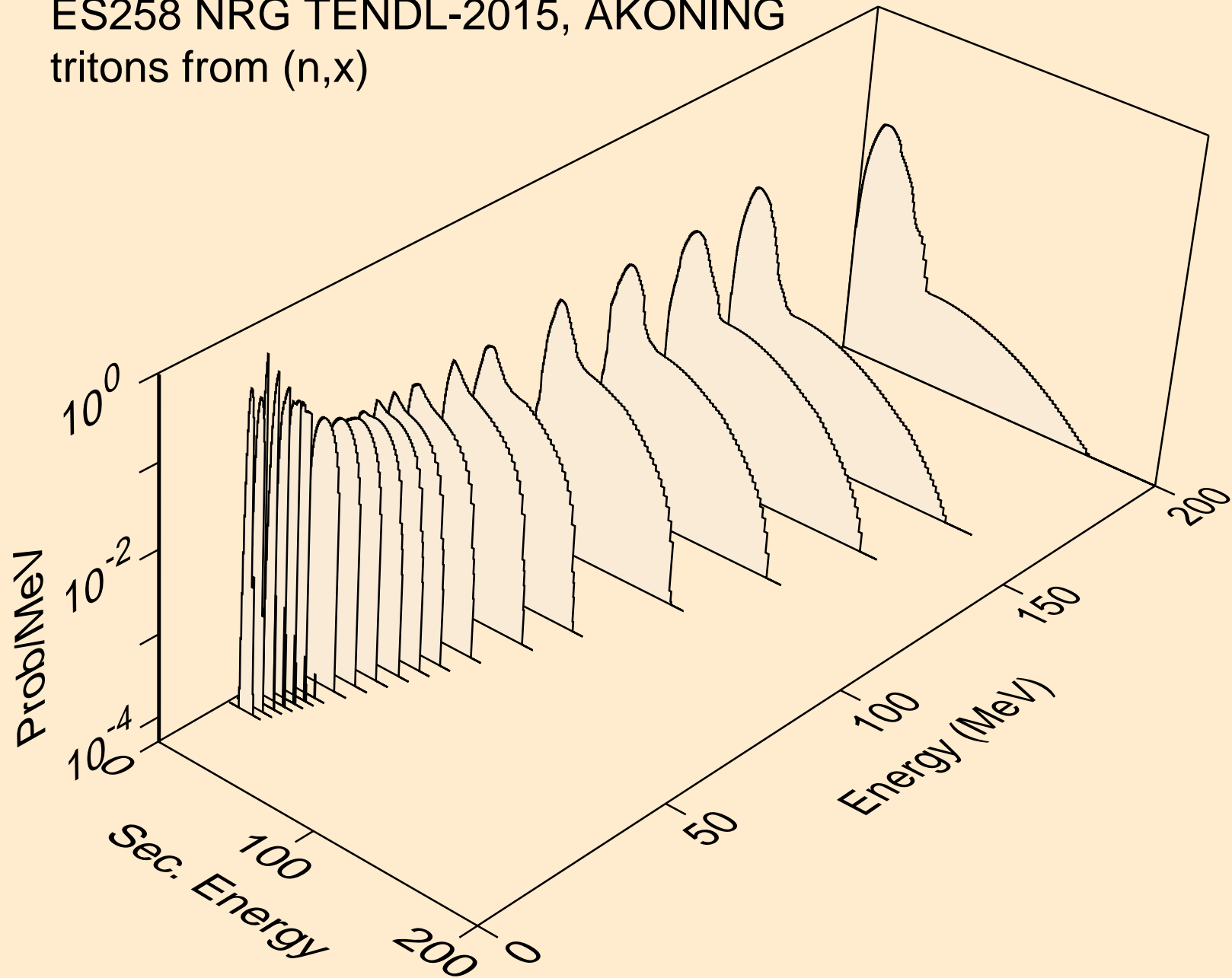
ES258 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



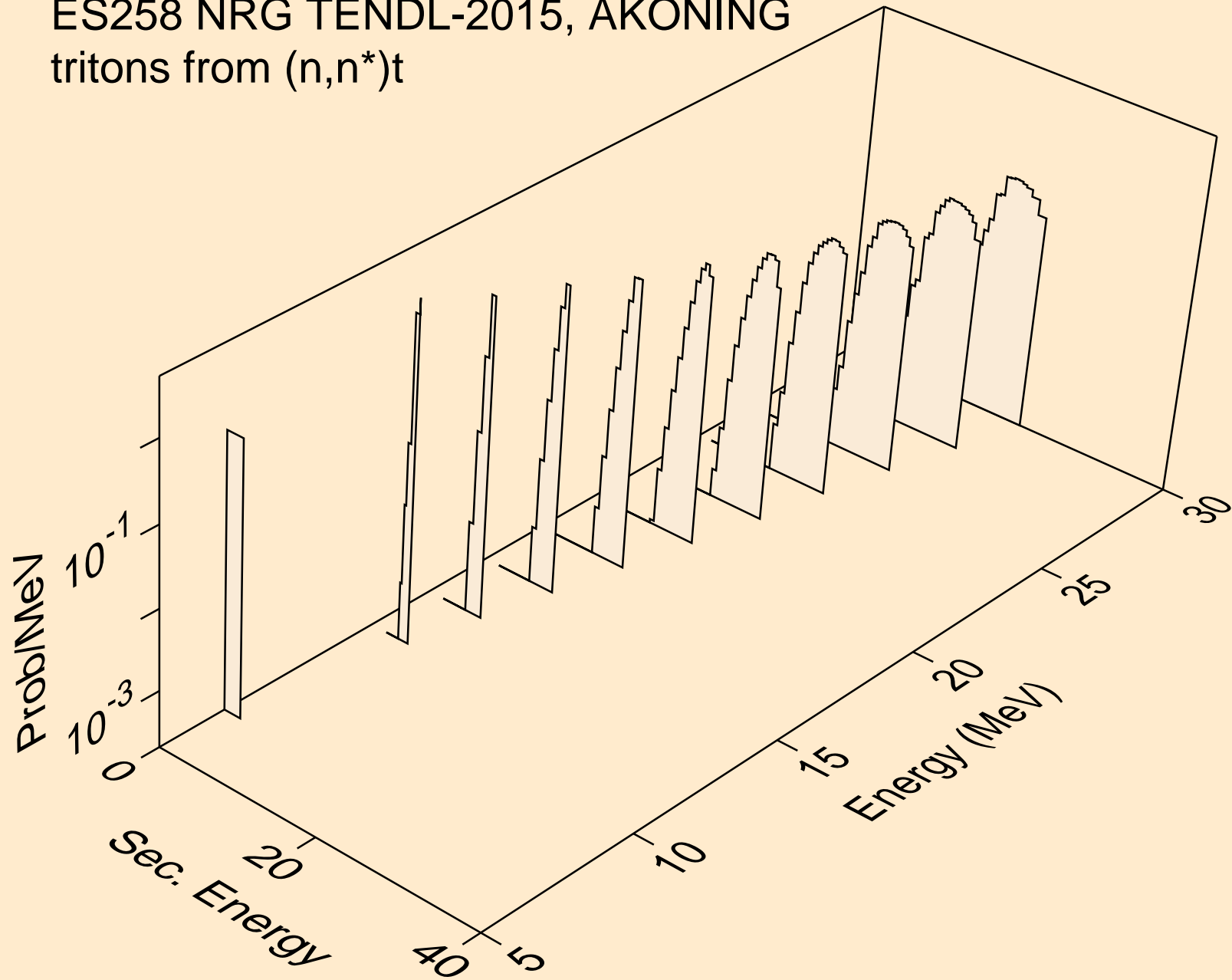
ES258 NRG TENDL-2015, AKONING  
deuterons from (n,d)



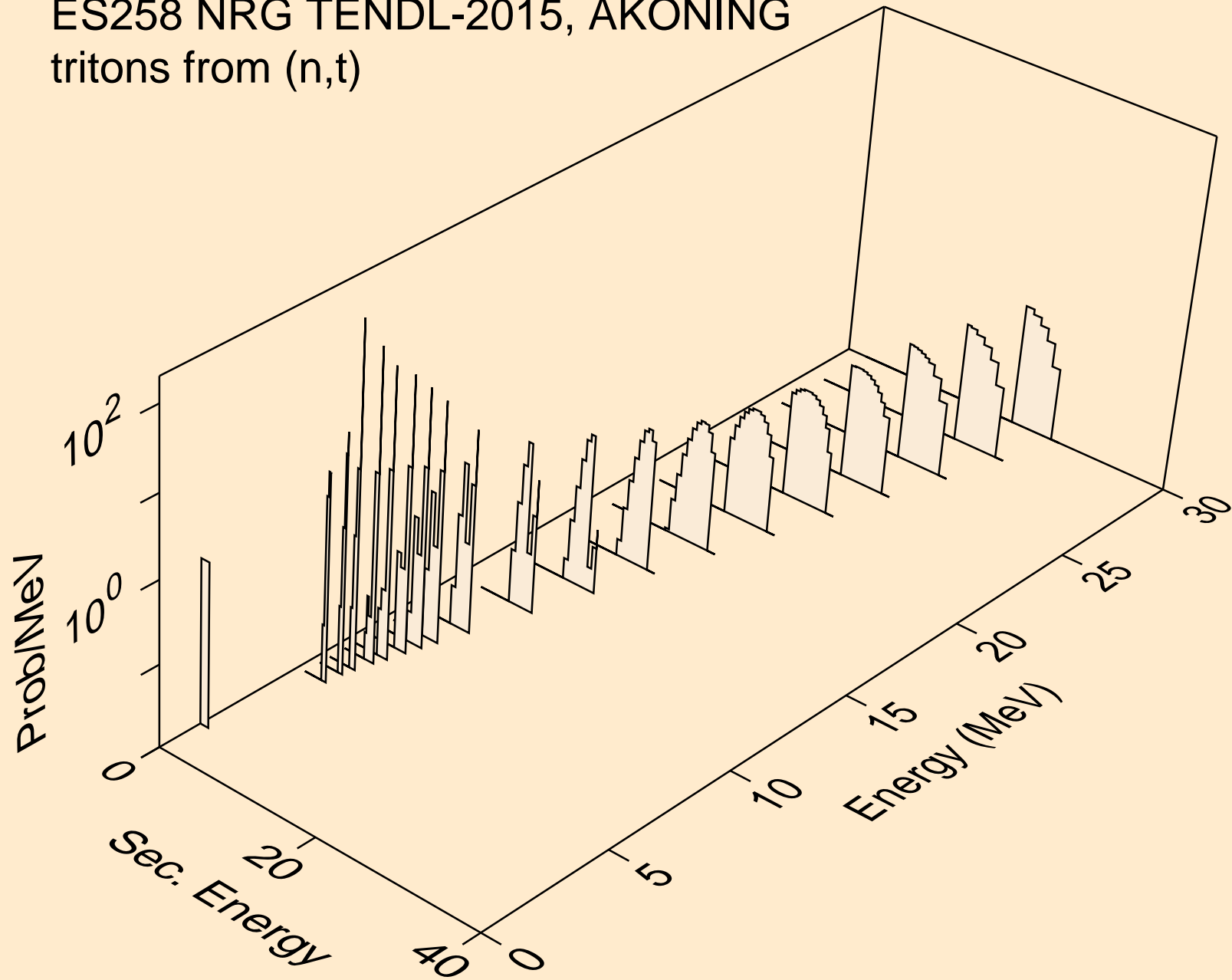
ES258 NRG TENDL-2015, AKONING  
tritons from (n,x)



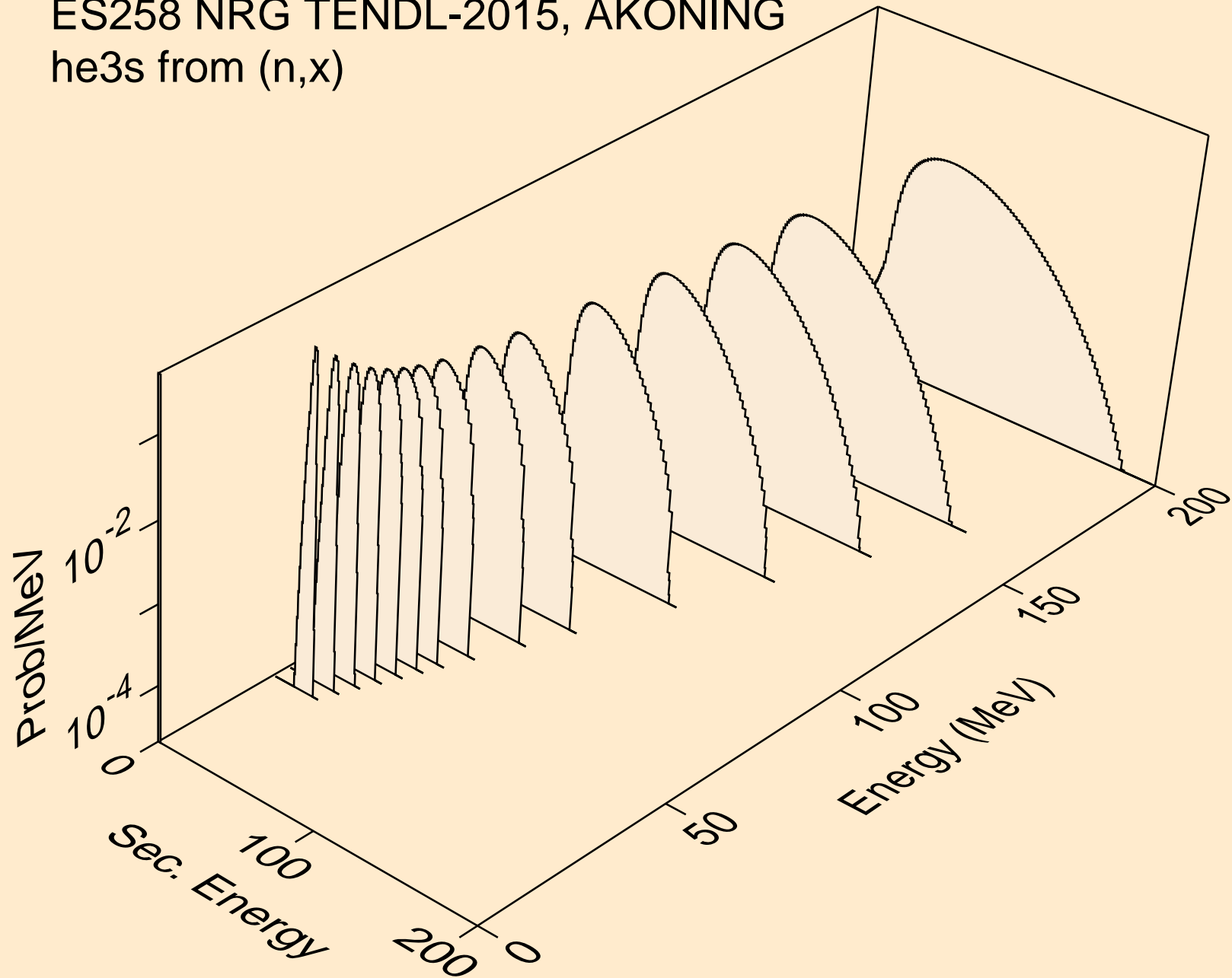
ES258 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



ES258 NRG TENDL-2015, AKONING  
tritons from (n,t)

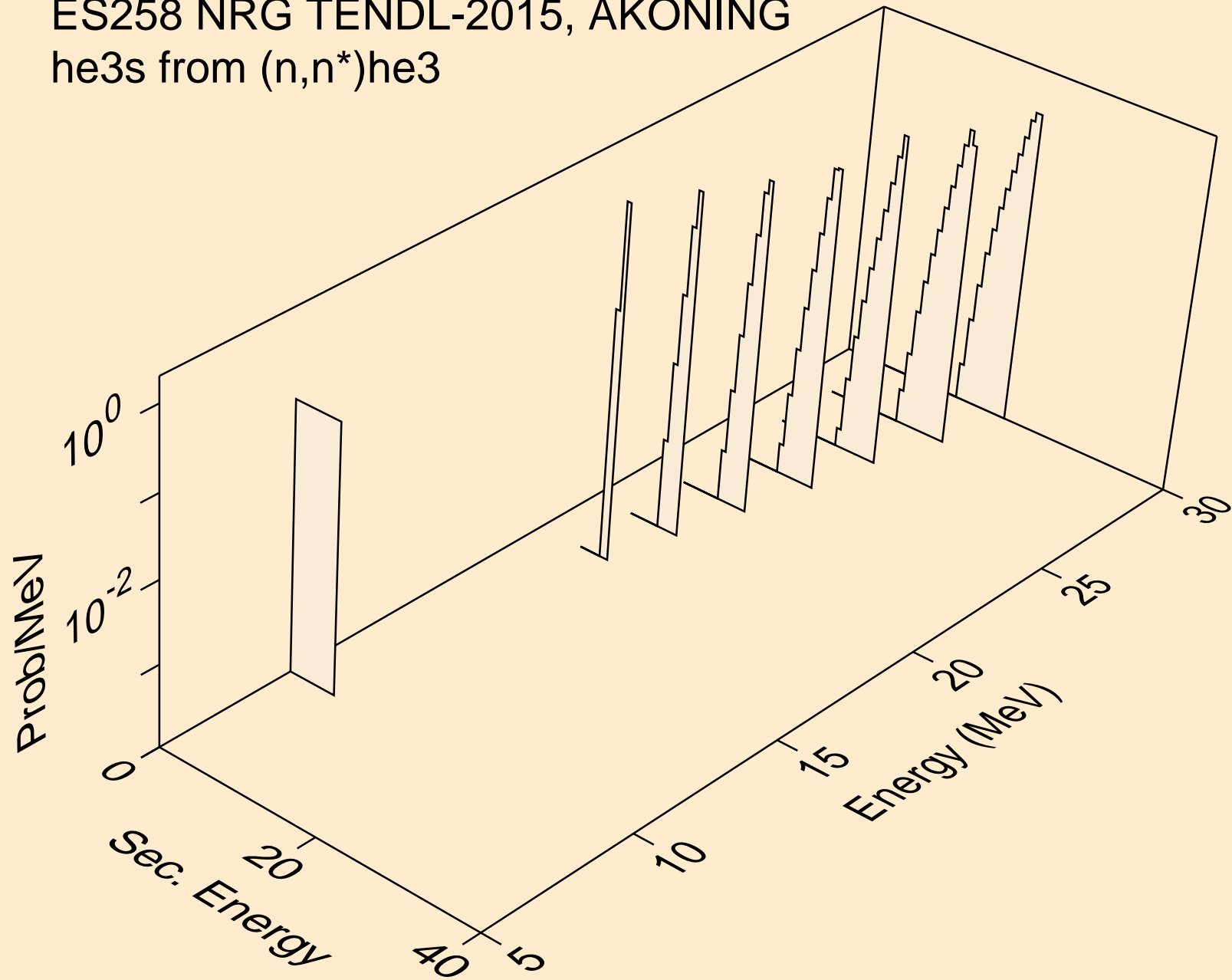


ES258 NRG TENDL-2015, AKONING  
he3s from (n,x)

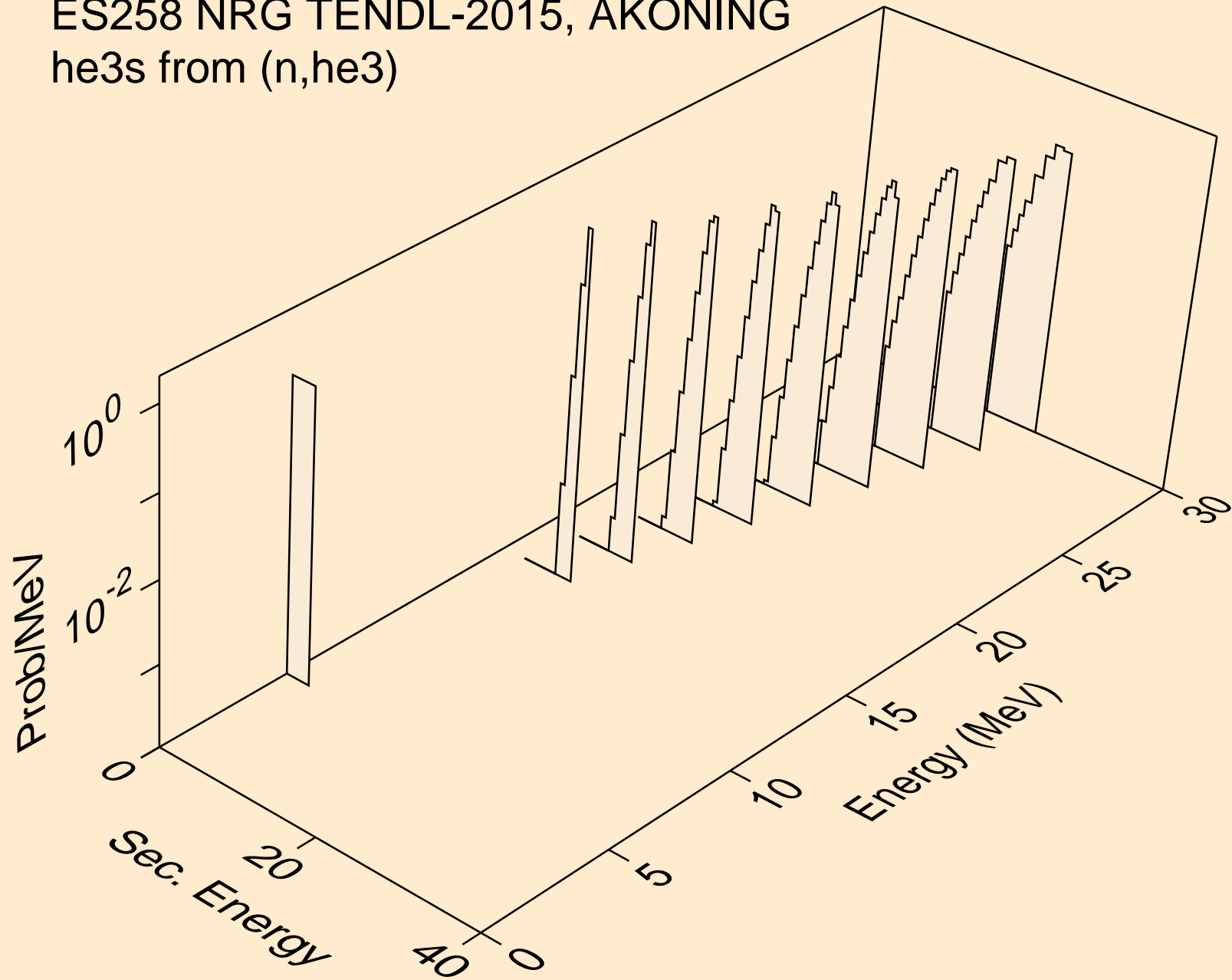




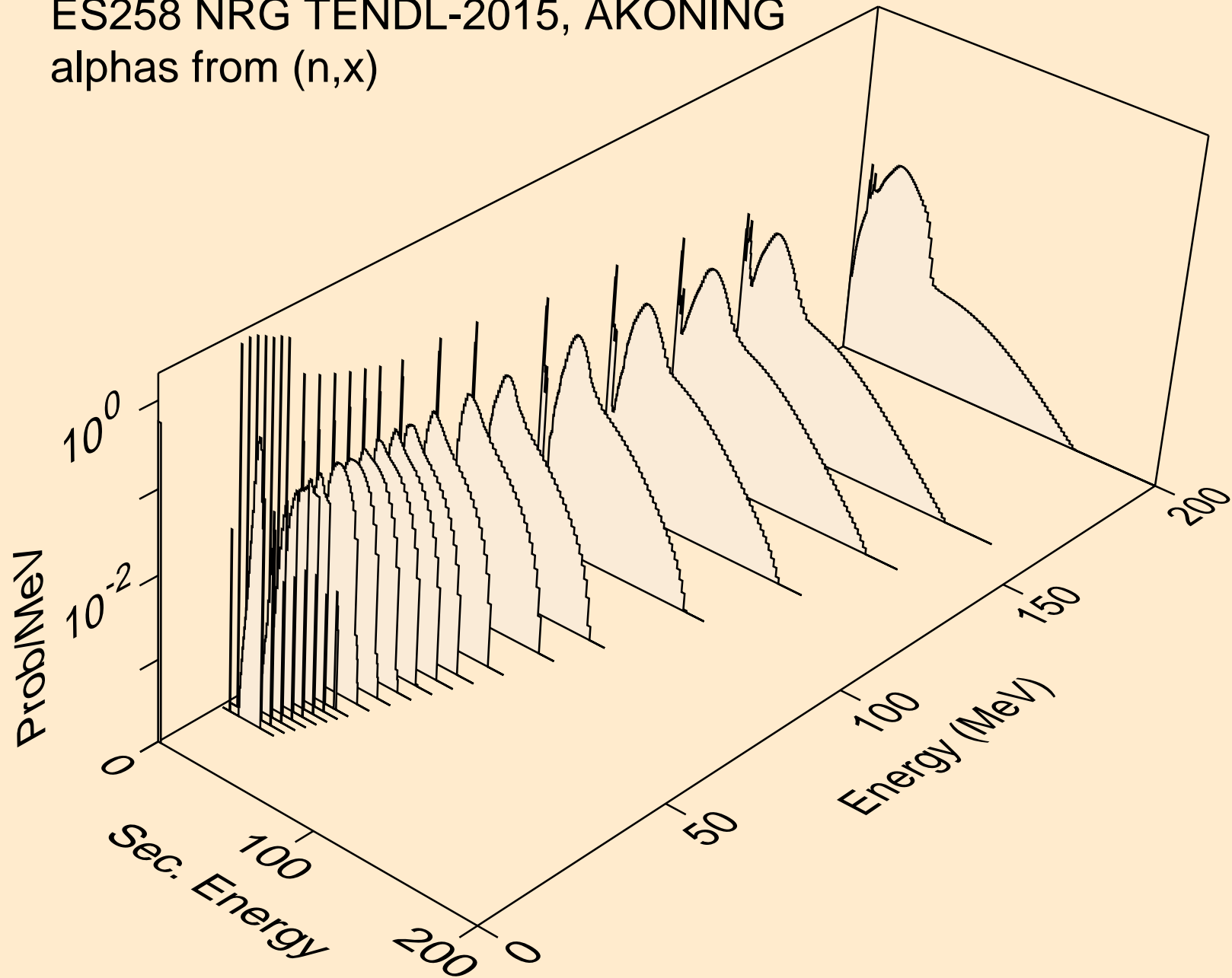
ES258 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



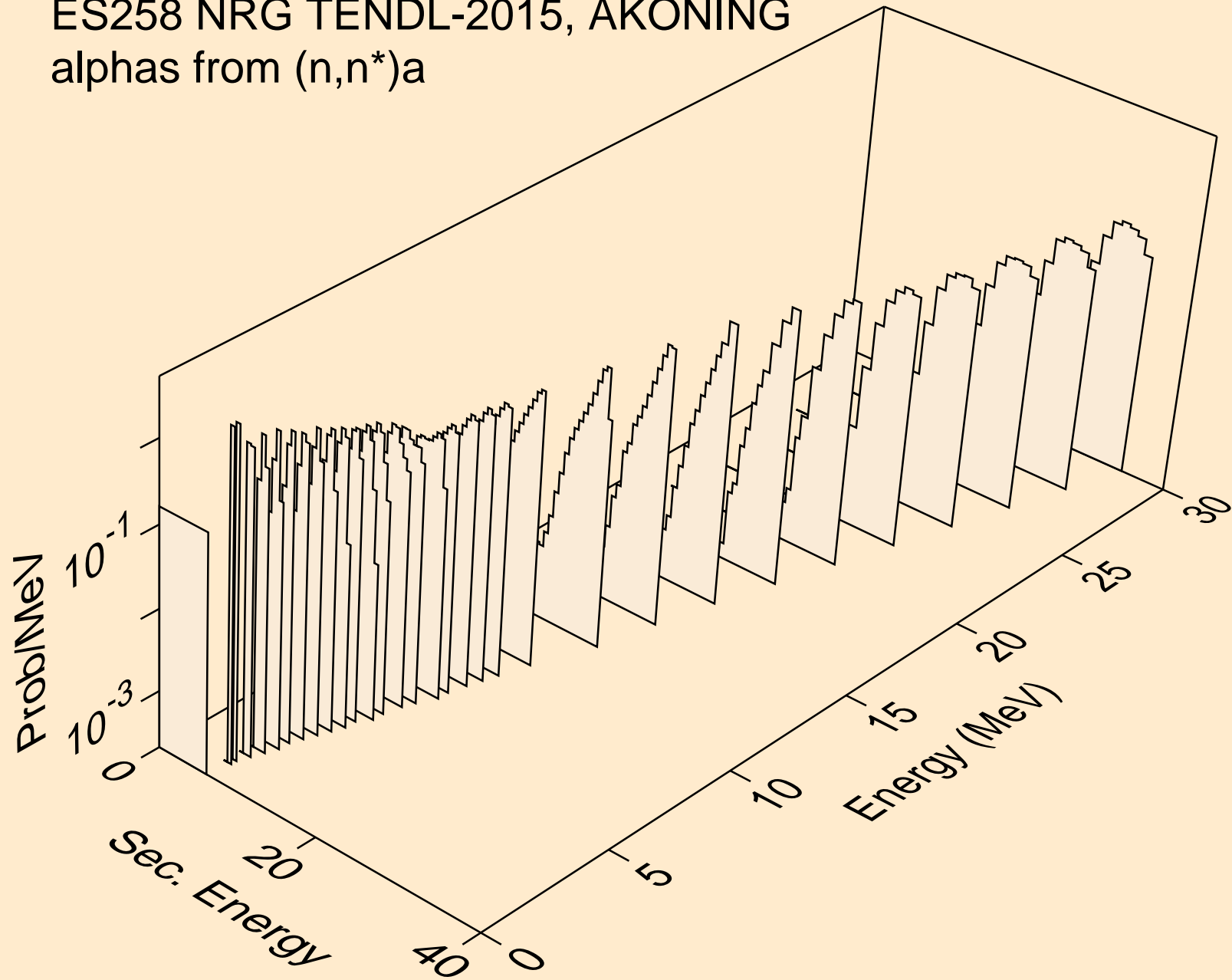
ES258 NRG TENDL-2015, AKONING  
he3s from (n,he3)



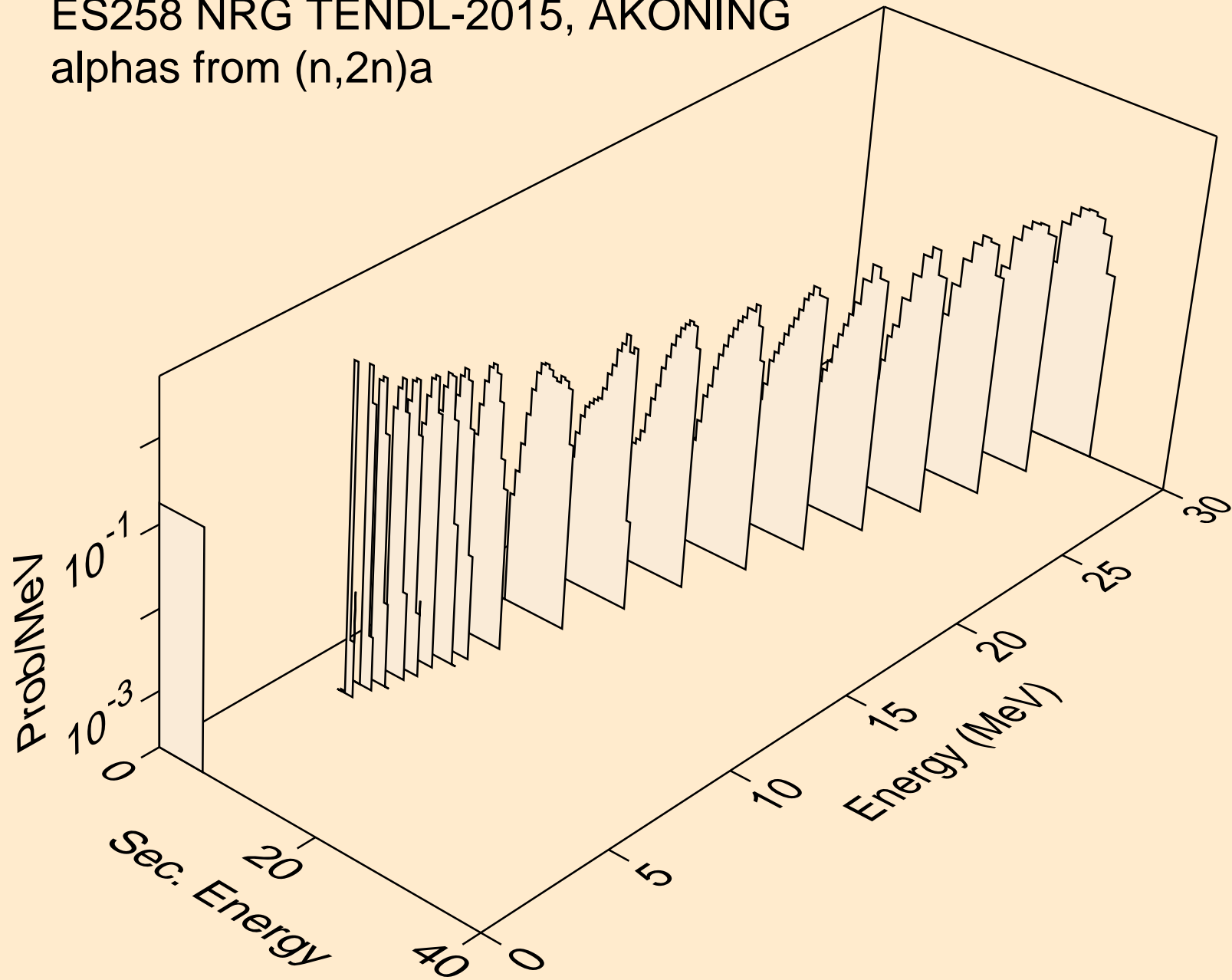
ES258 NRG TENDL-2015, AKONING  
alphas from (n,x)



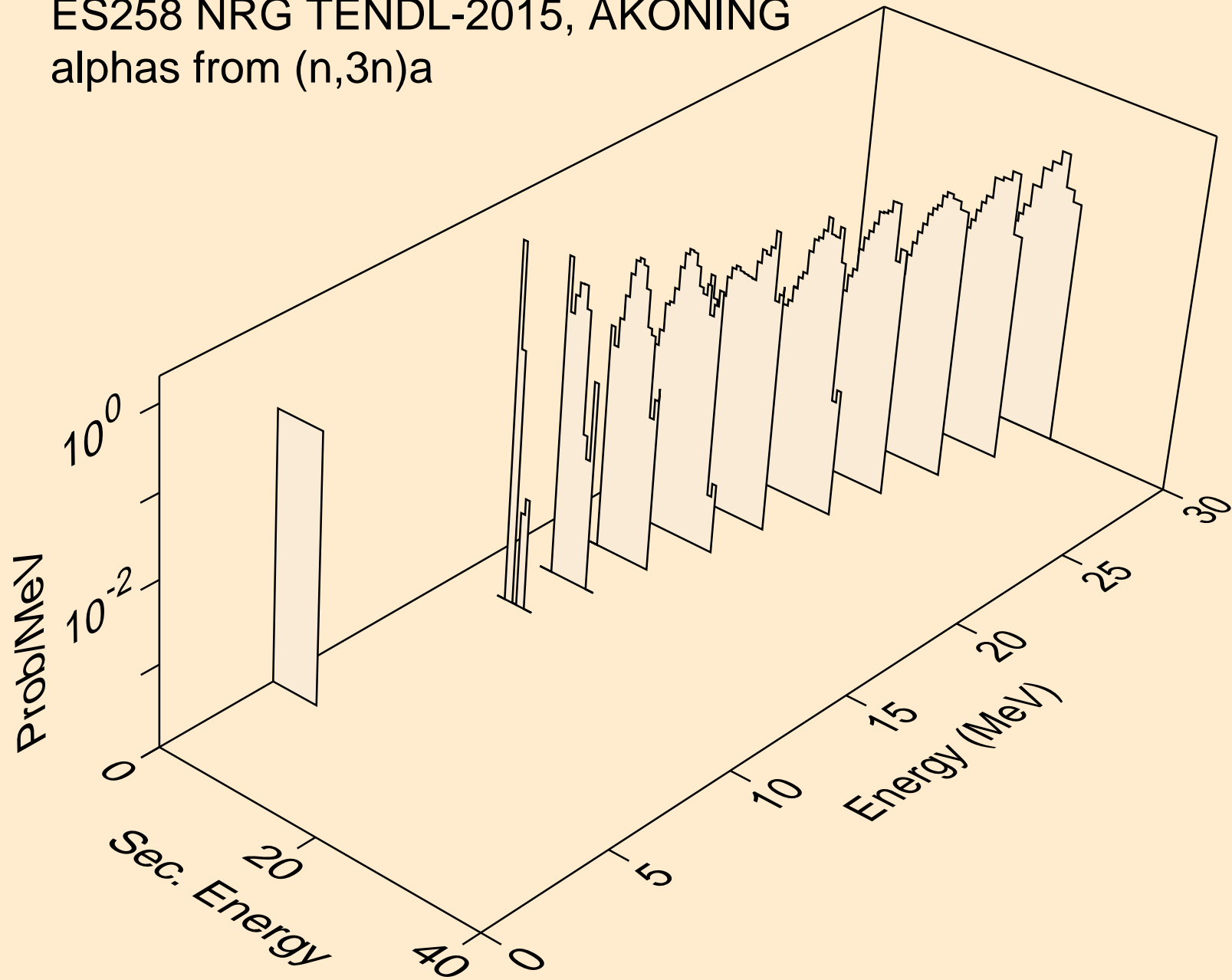
ES258 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



ES258 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



ES258 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



ES258 NRG TENDL-2015, AKONING  
alphas from (n,a)

