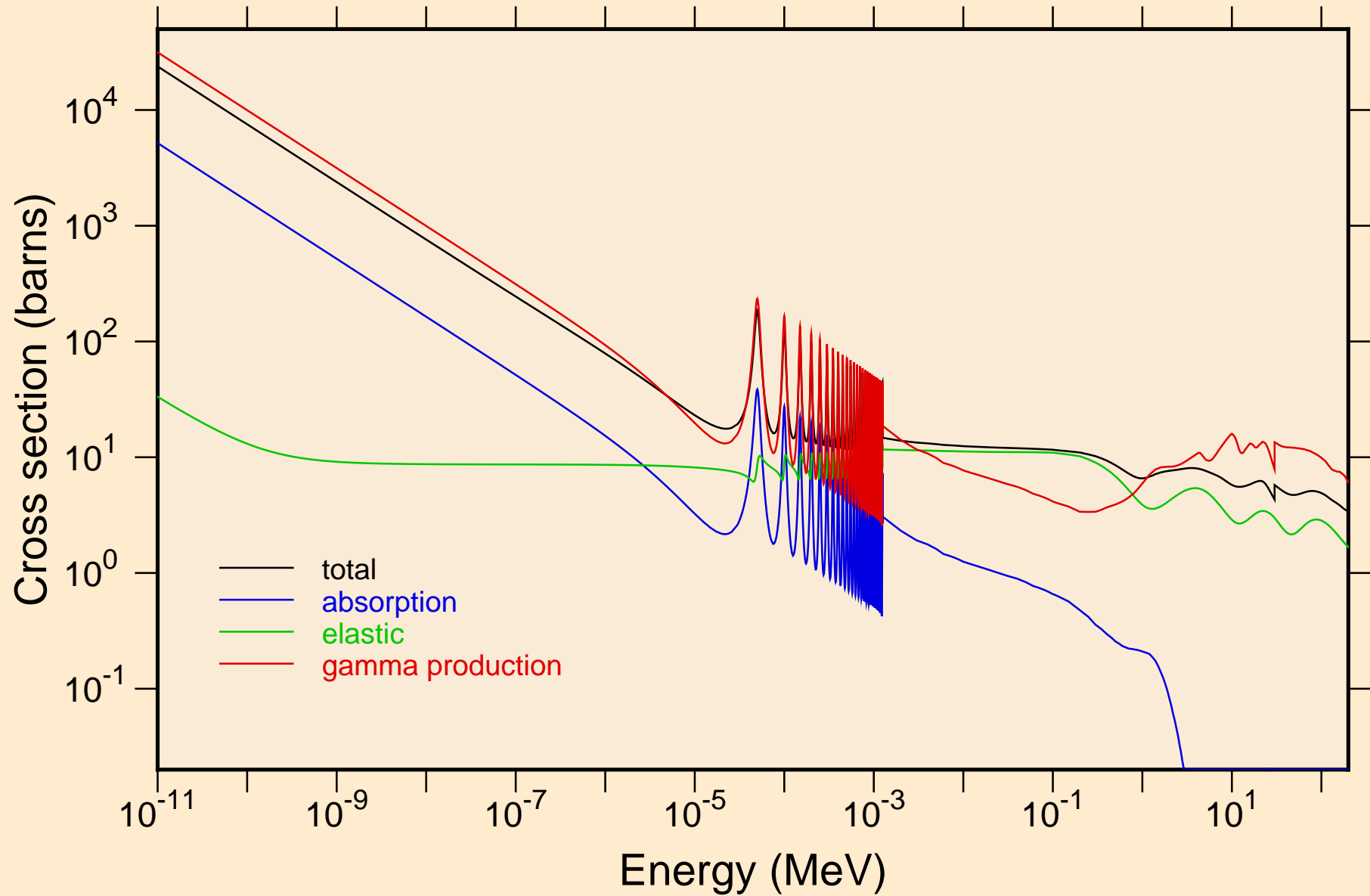
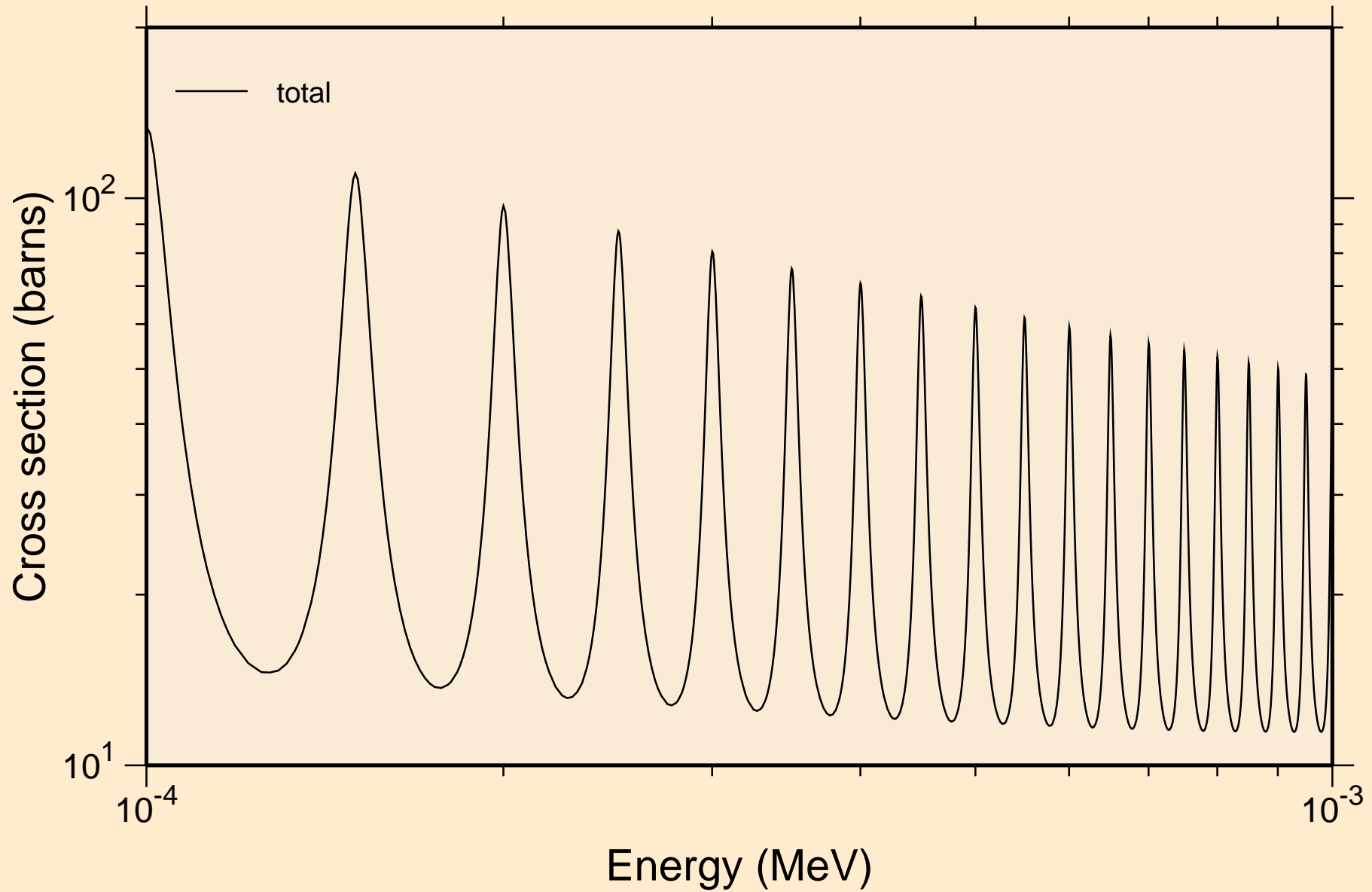


# TH239 NRG TENDL-2015, AKONING

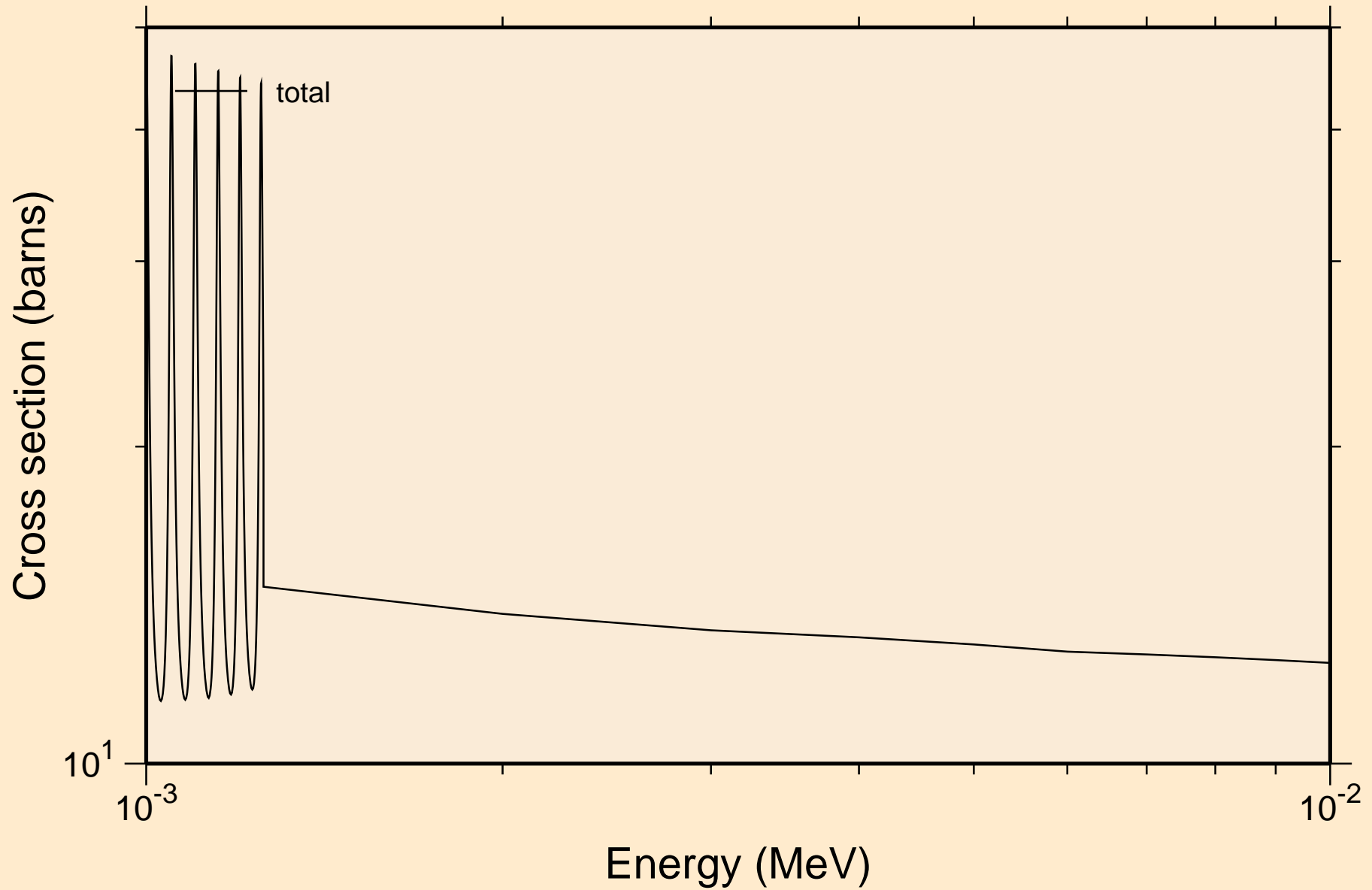
## Principal cross sections



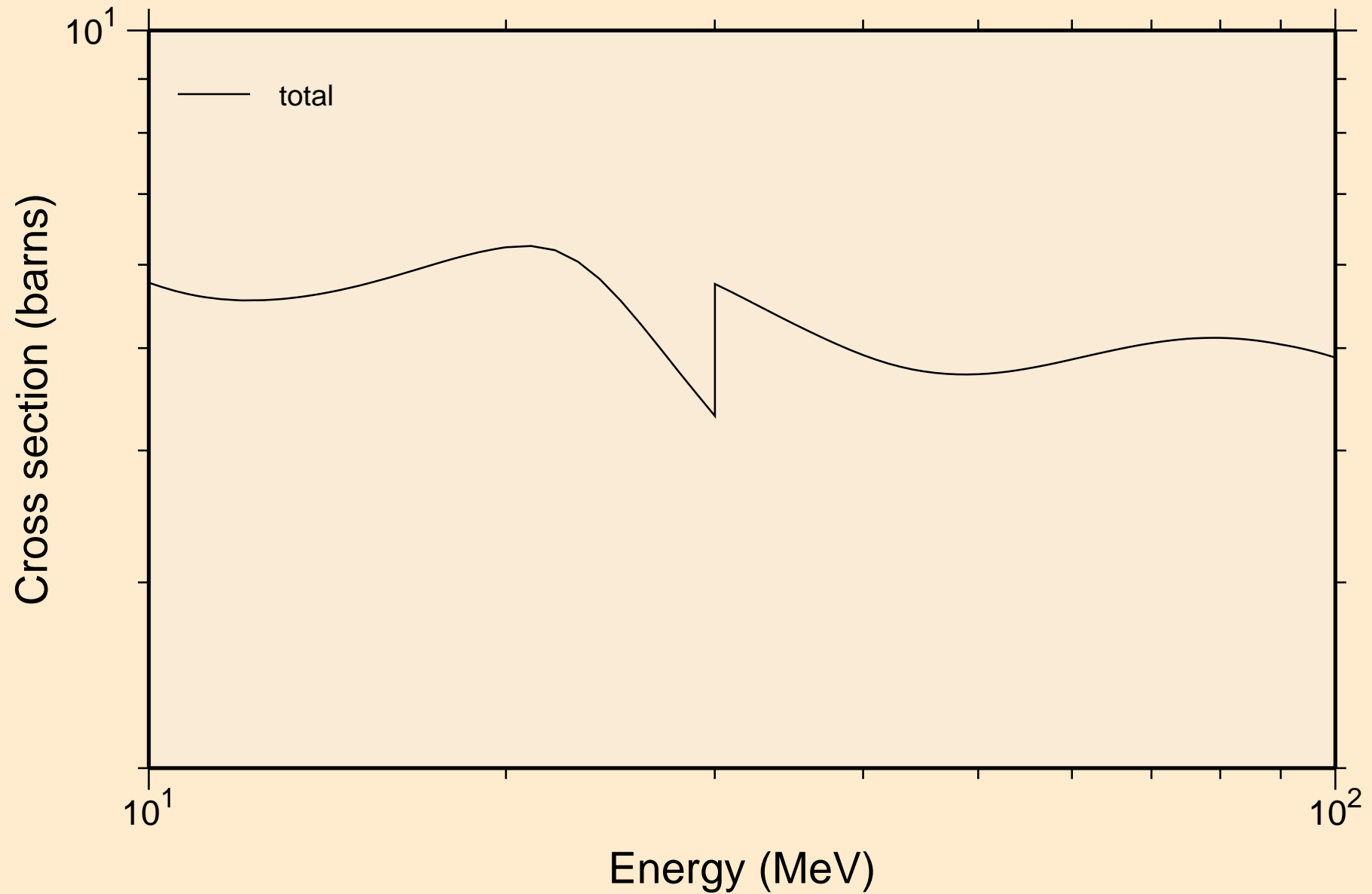
TH239 NRG TENDL-2015, AKONING  
resonance total cross section



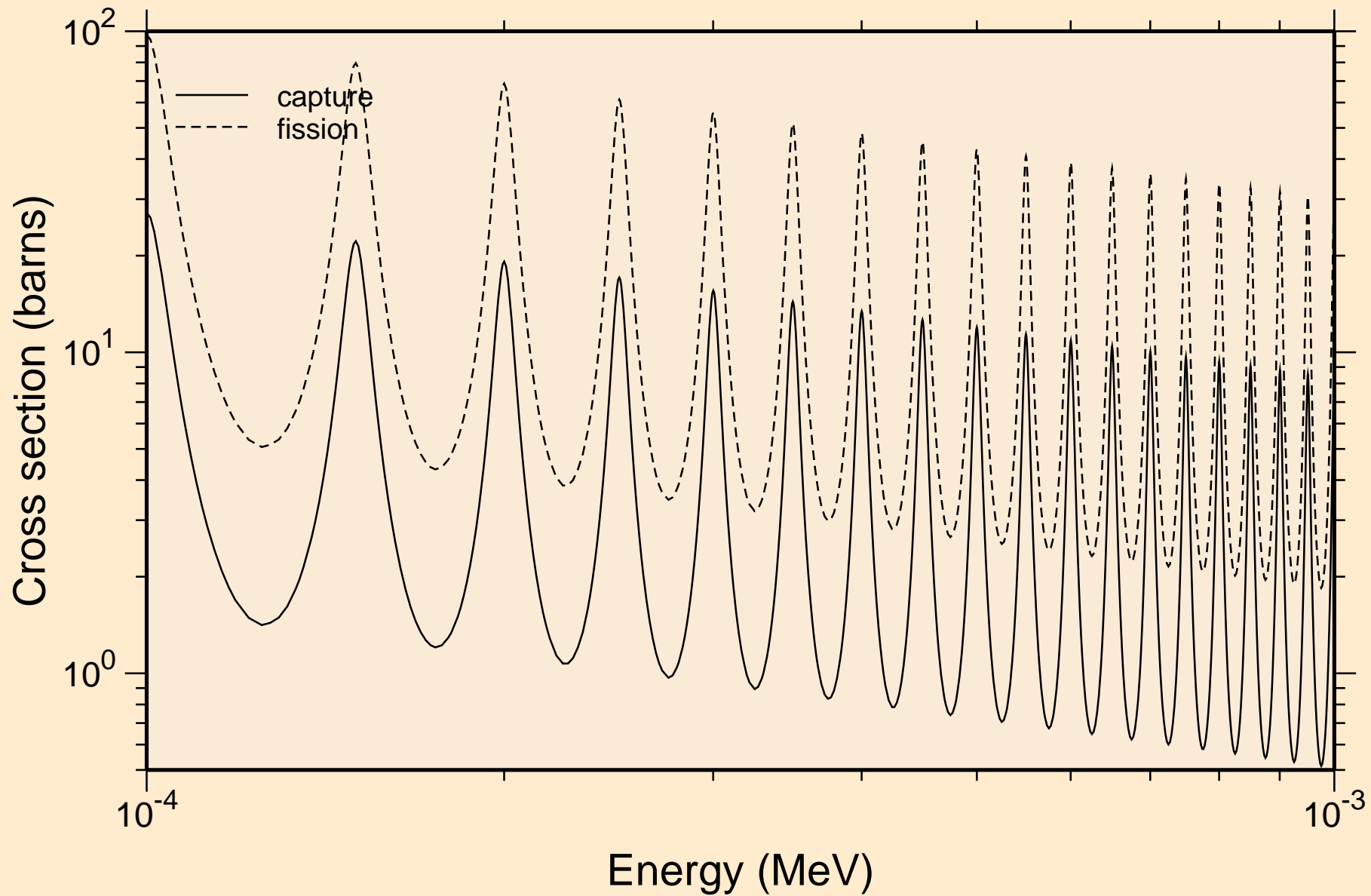
TH239 NRG TENDL-2015, AKONING  
resonance total cross section



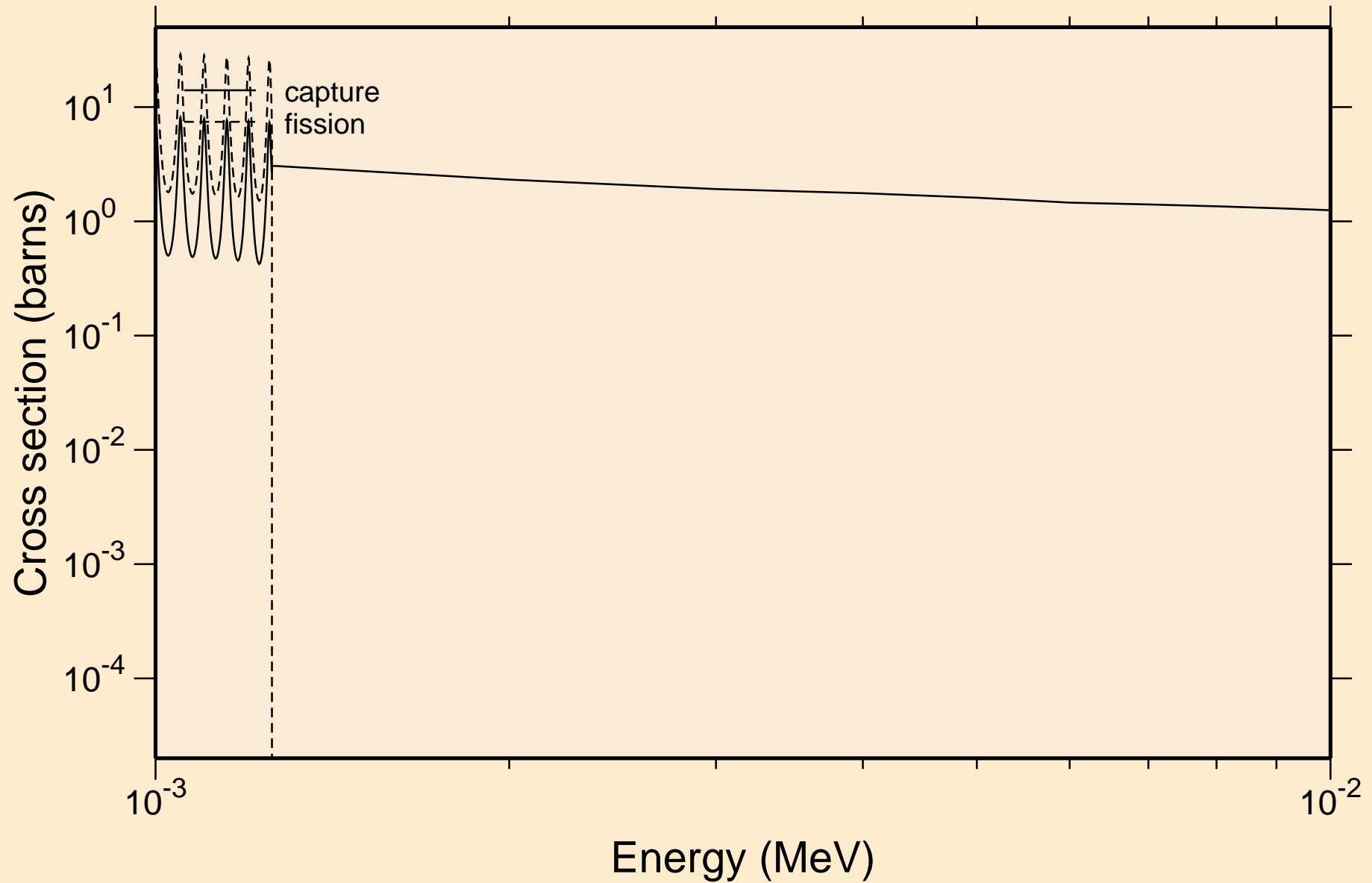
TH239 NRG TENDL-2015, AKONING  
resonance total cross section



TH239 NRG TENDL-2015, AKONING  
resonance absorption cross sections

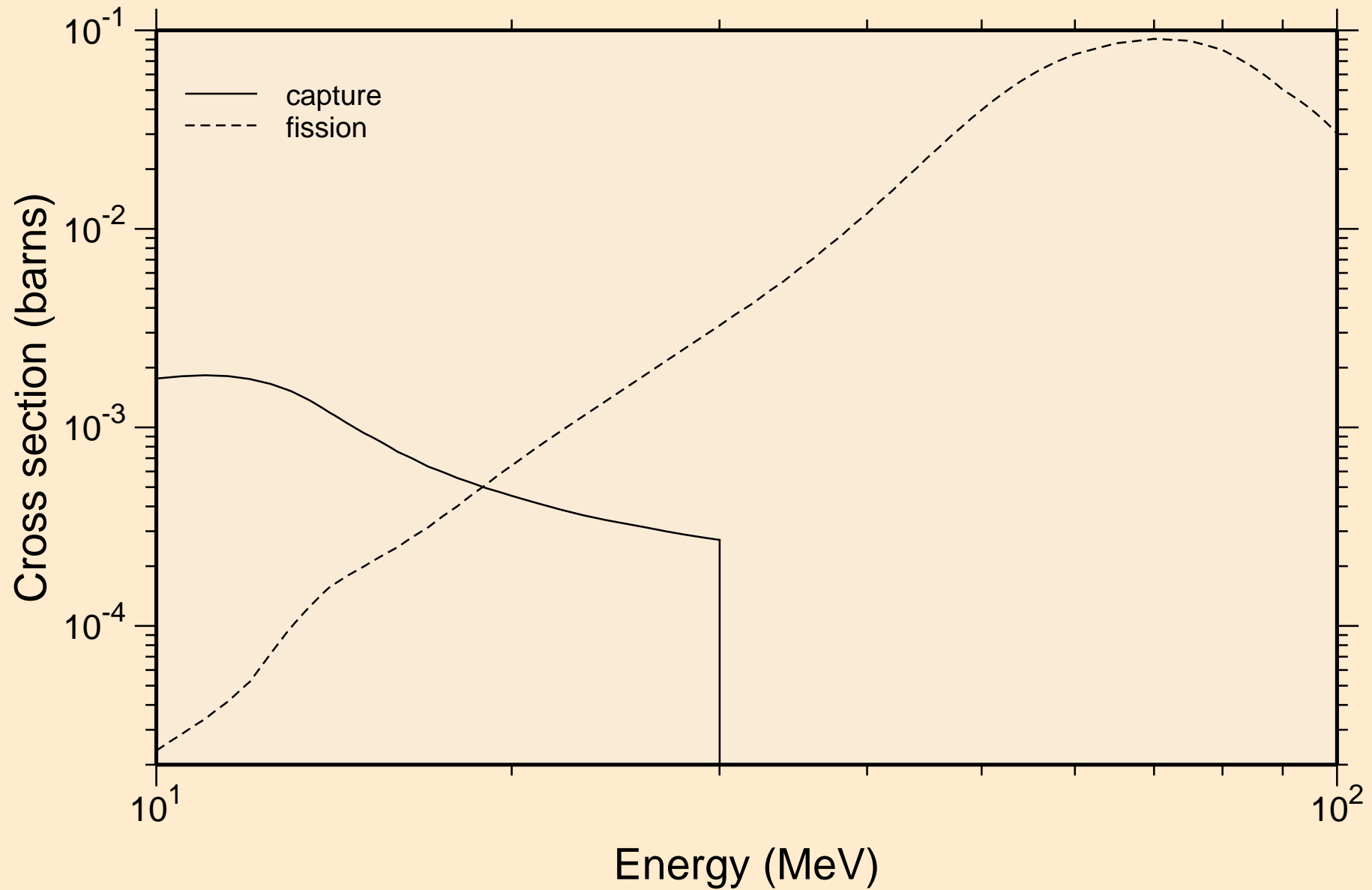


TH239 NRG TENDL-2015, AKONING  
resonance absorption cross sections



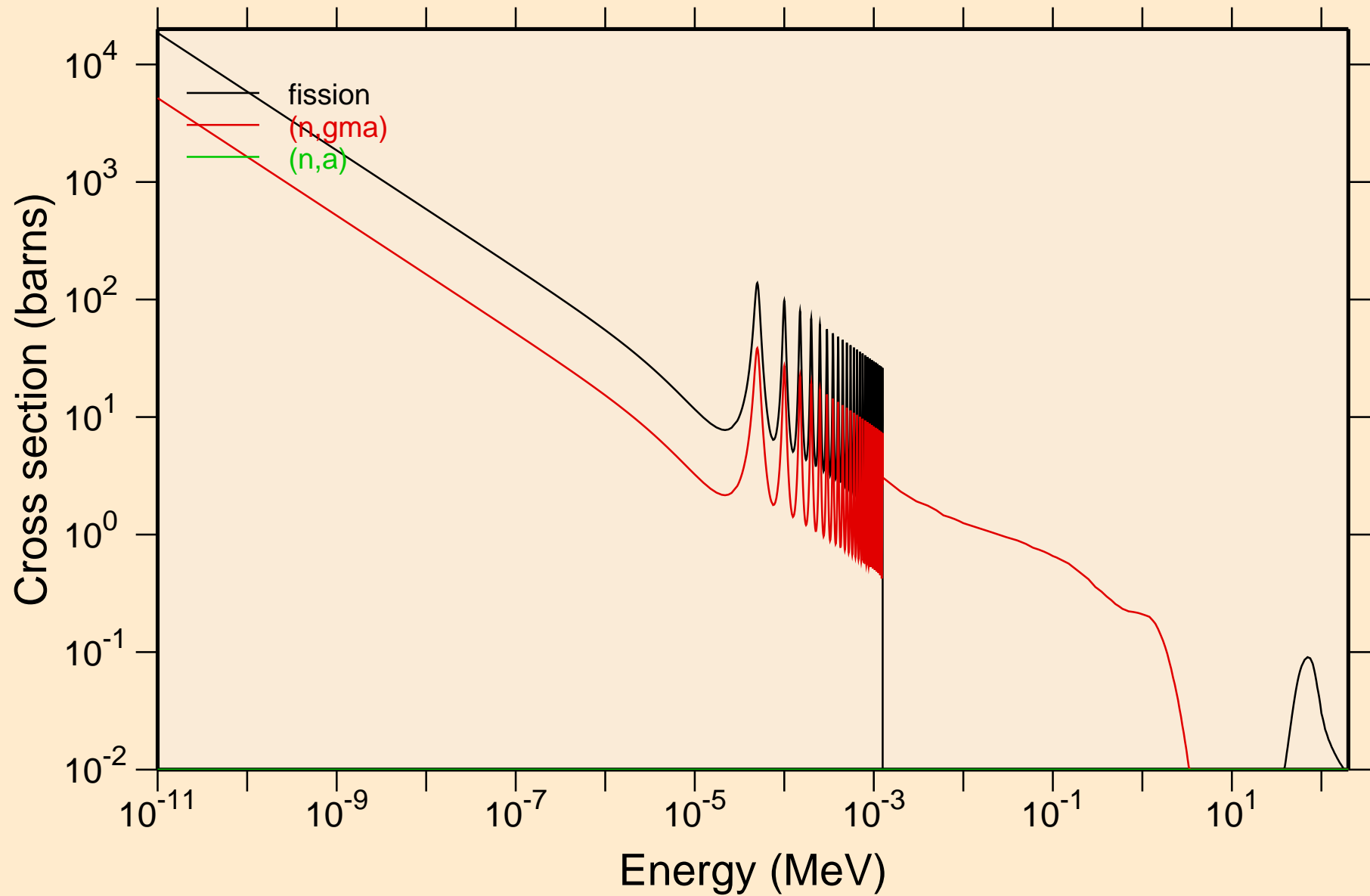
# TH239 NRG TENDL-2015, AKONING

## resonance absorption cross sections



# TH239 NRG TENDL-2015, AKONING

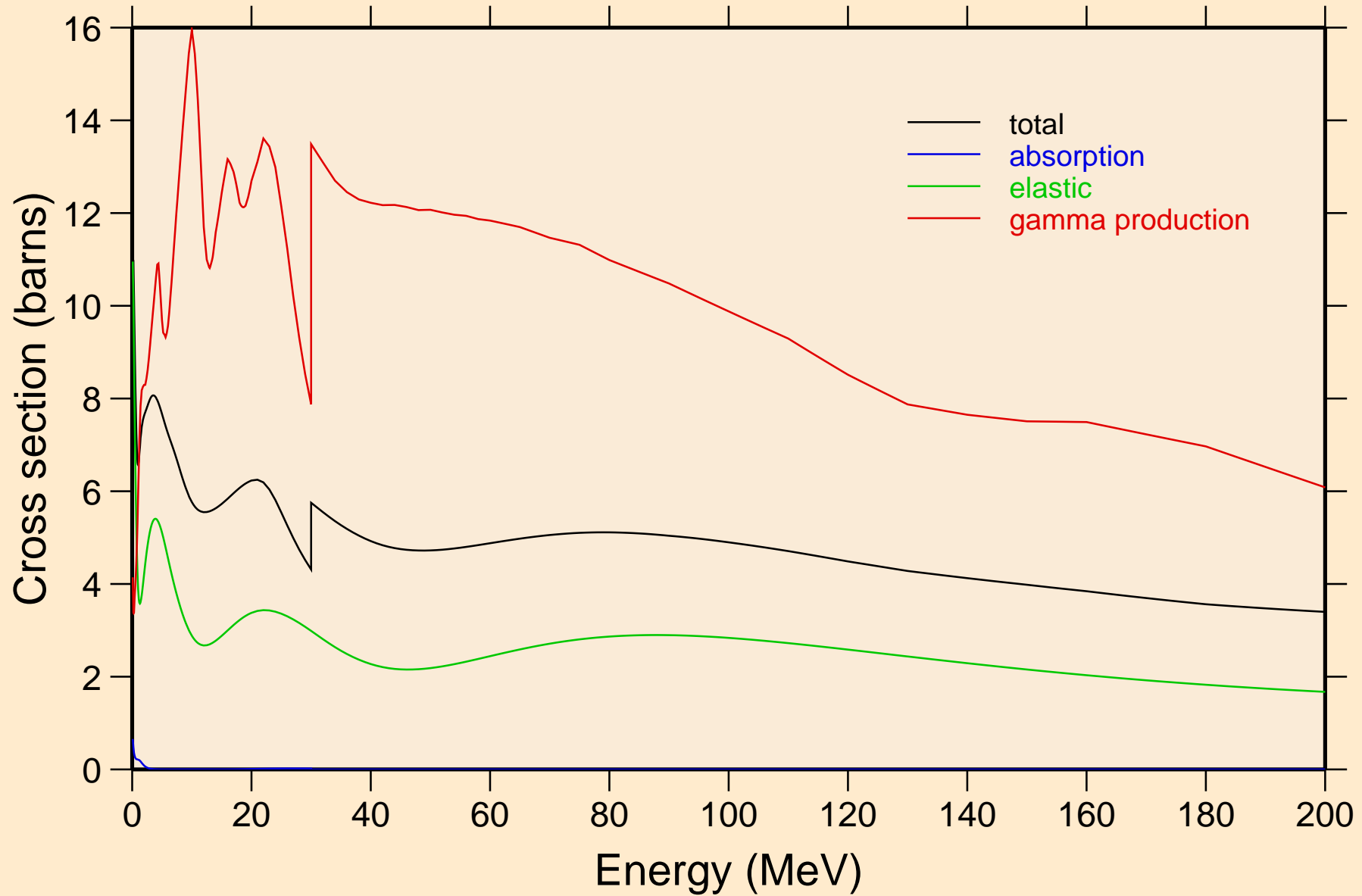
## Non-threshold reactions





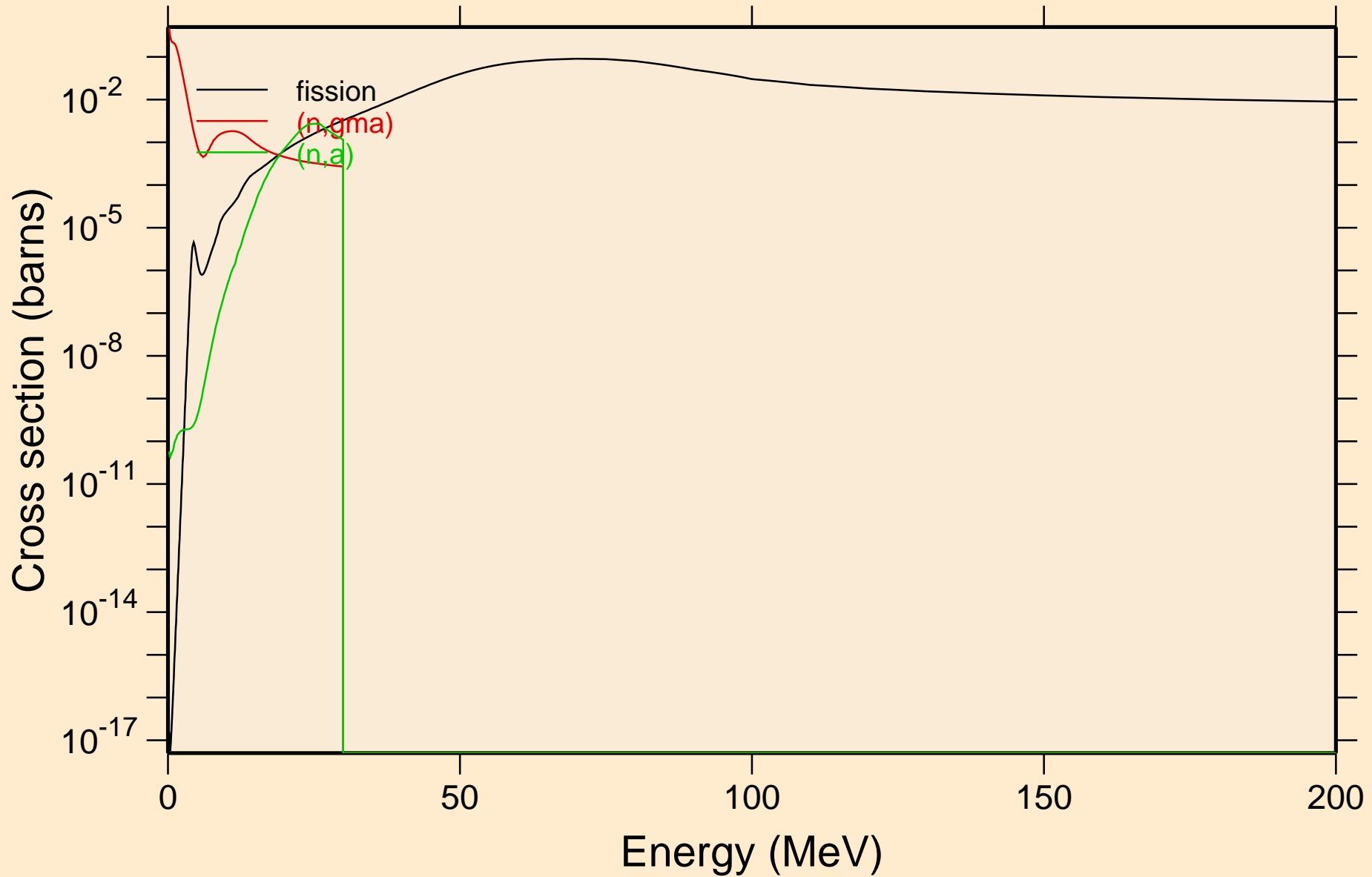
# TH239 NRG TENDL-2015, AKONING

## Principal cross sections

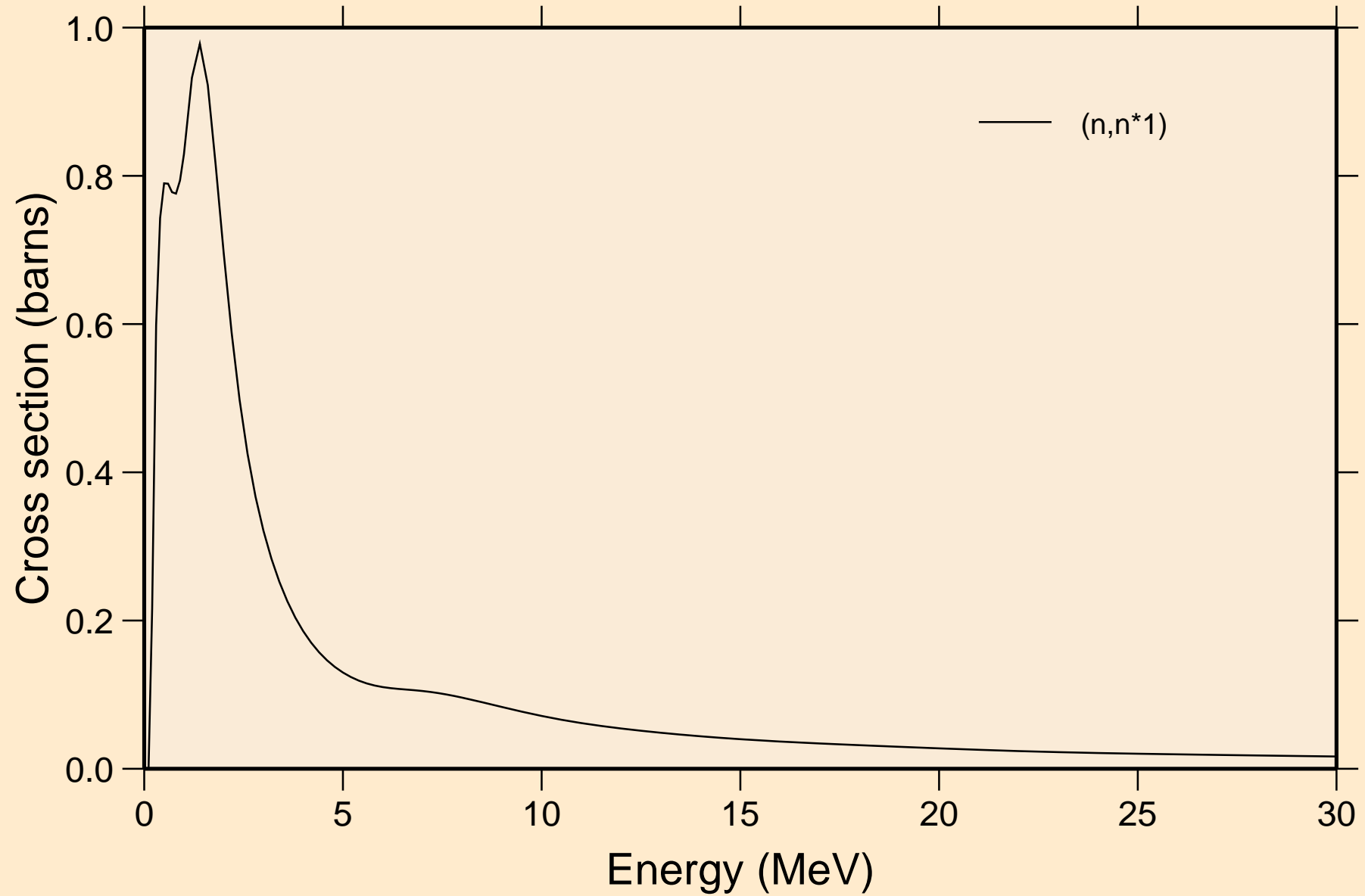


# TH239 NRG TENDL-2015, AKONING

## Non-threshold reactions

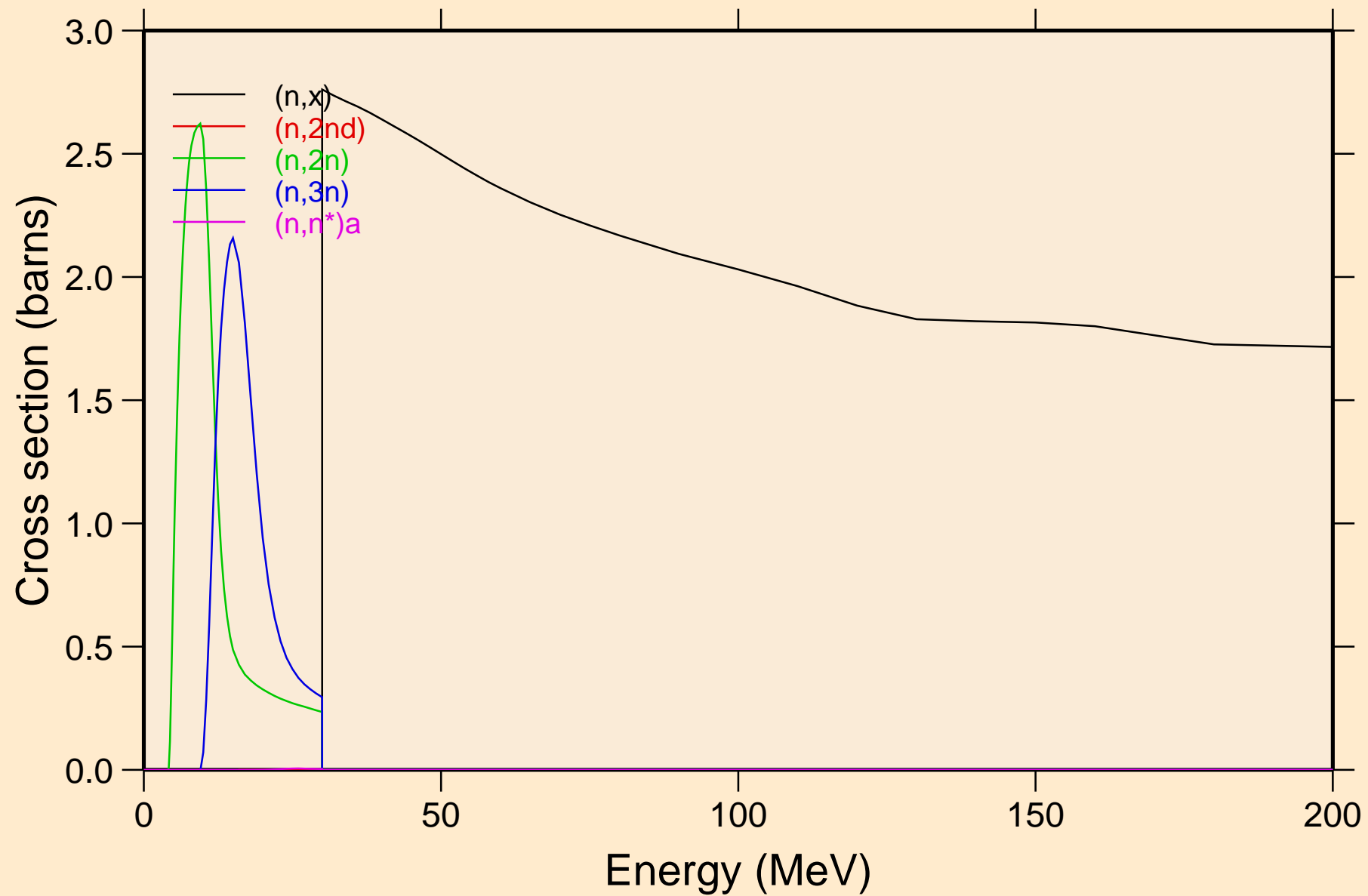


TH239 NRG TENDL-2015, AKONING  
Inelastic levels



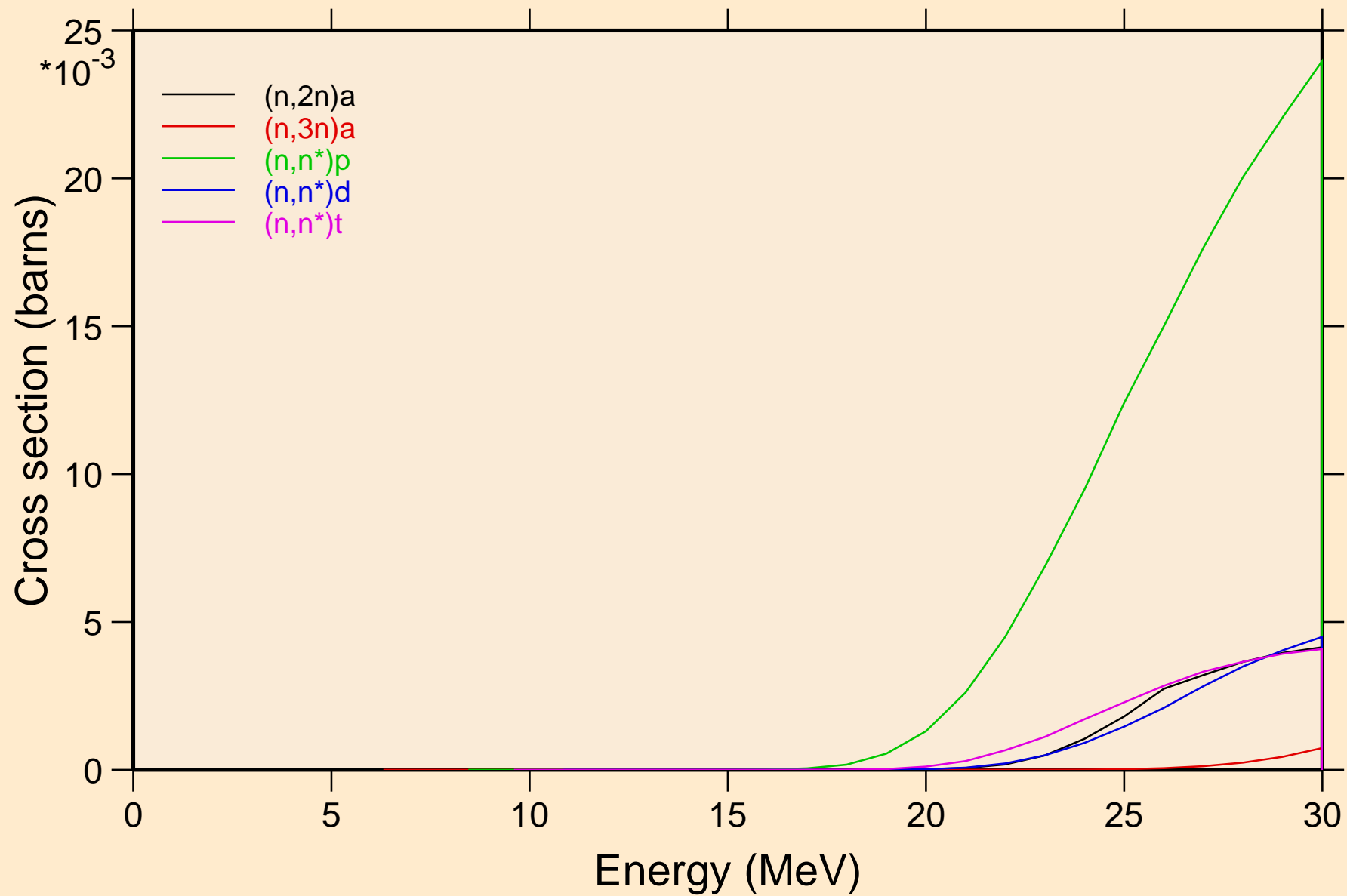
# TH239 NRG TENDL-2015, AKONING

## Threshold reactions



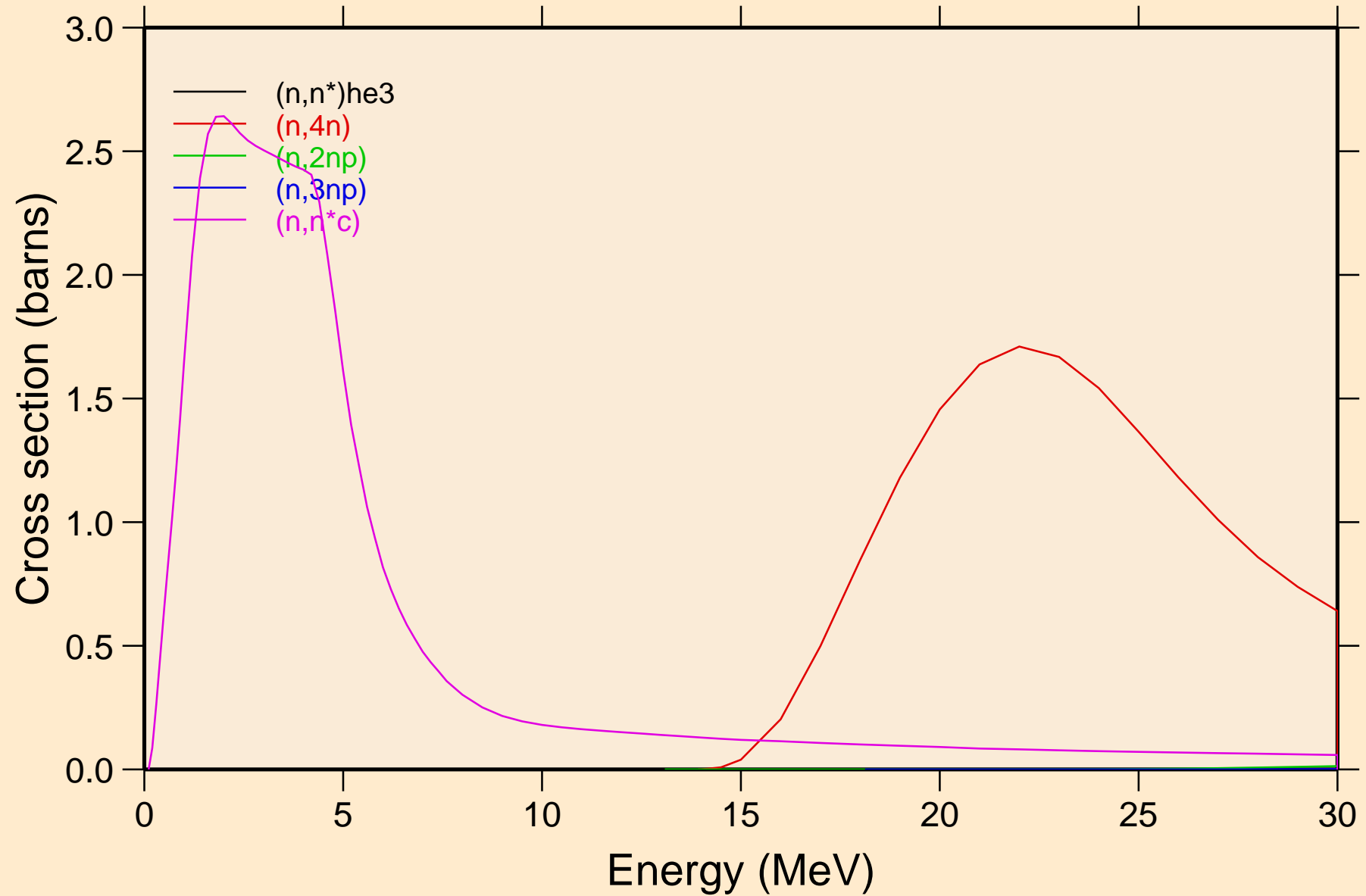
# TH239 NRG TENDL-2015, AKONING

## Threshold reactions



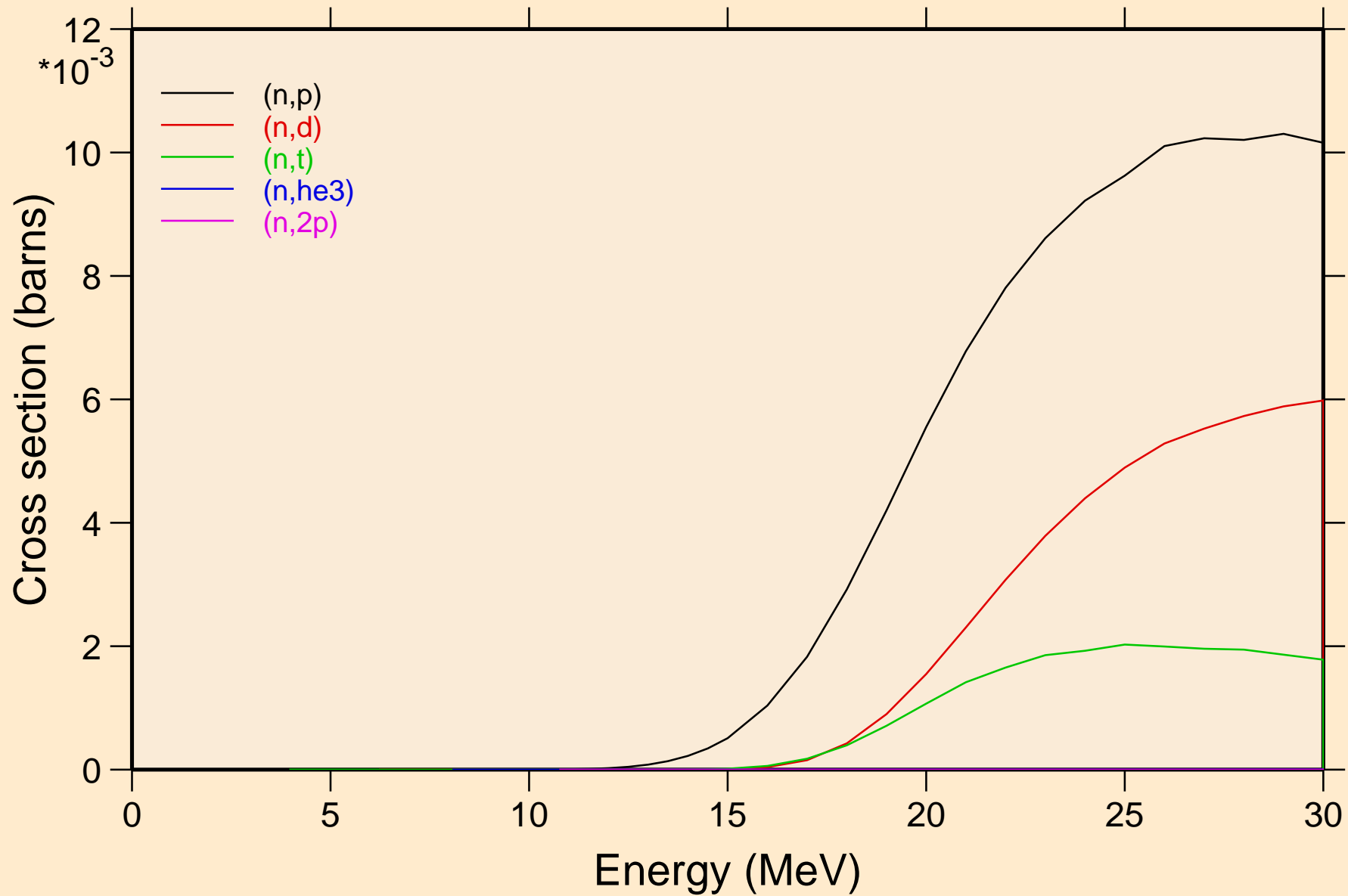
# TH239 NRG TENDL-2015, AKONING

## Threshold reactions

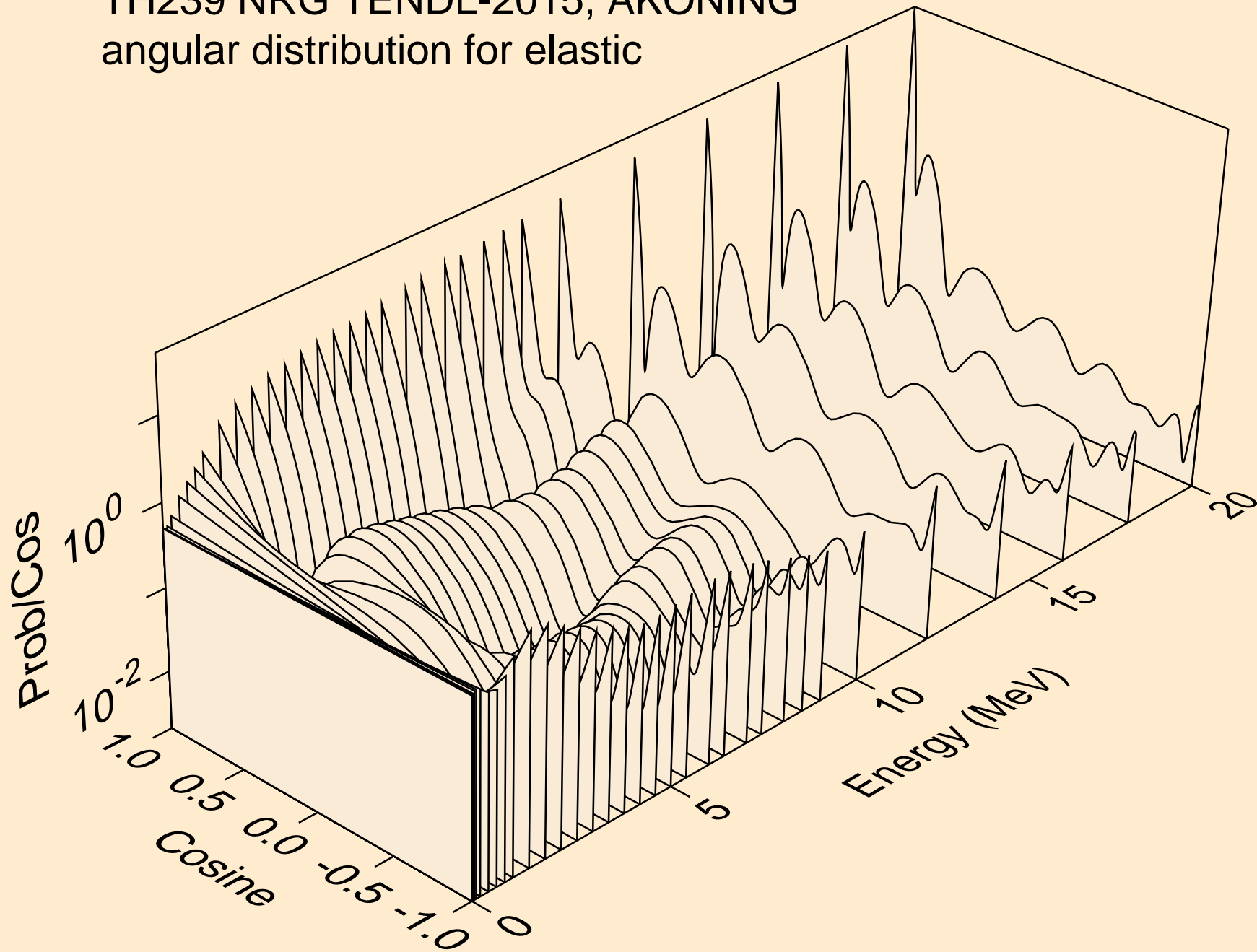


# TH239 NRG TENDL-2015, AKONING

## Threshold reactions

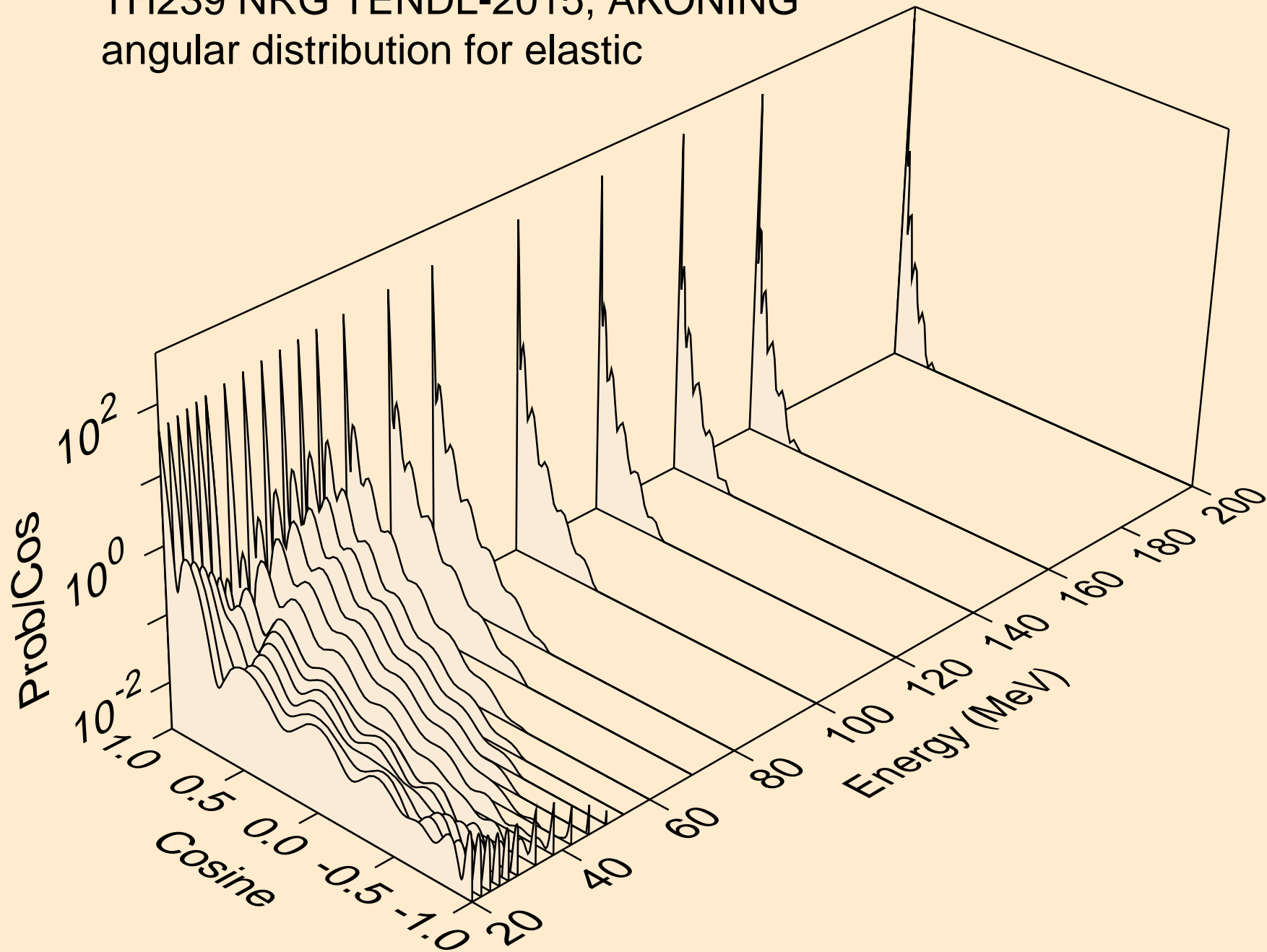


TH239 NRG TENDL-2015, AKONING  
angular distribution for elastic

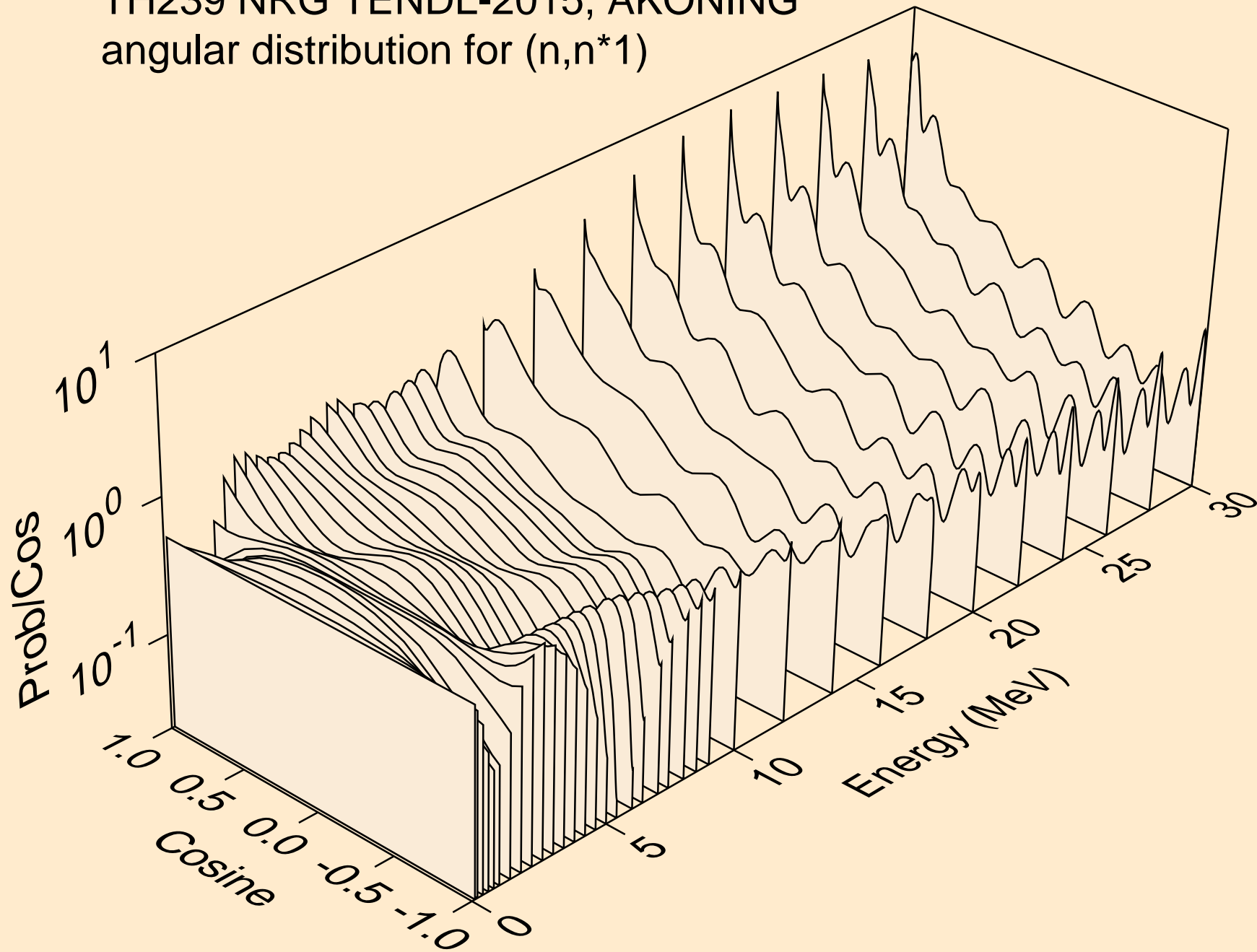




TH239 NRG TENDL-2015, AKONING  
angular distribution for elastic

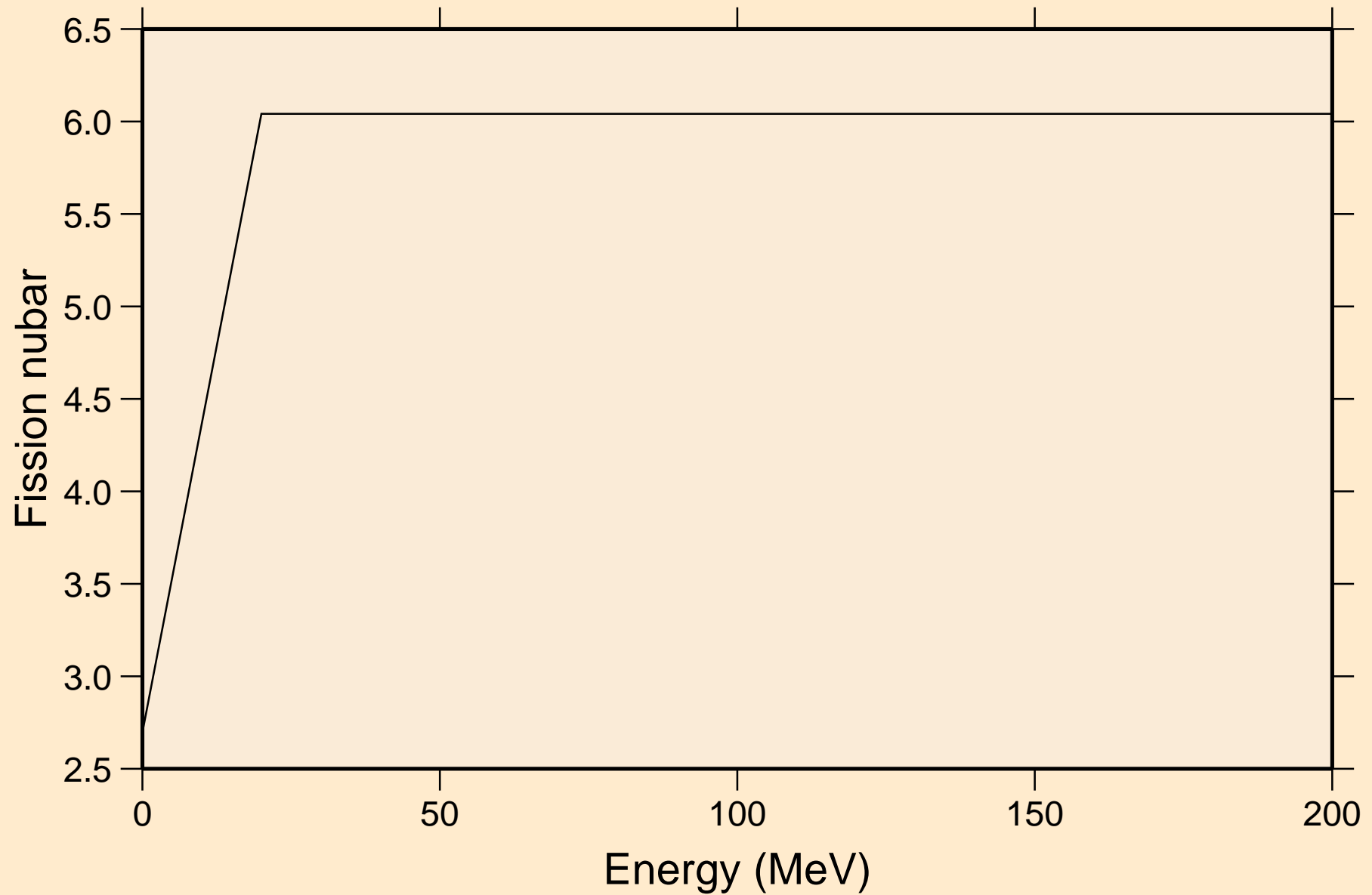


TH239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

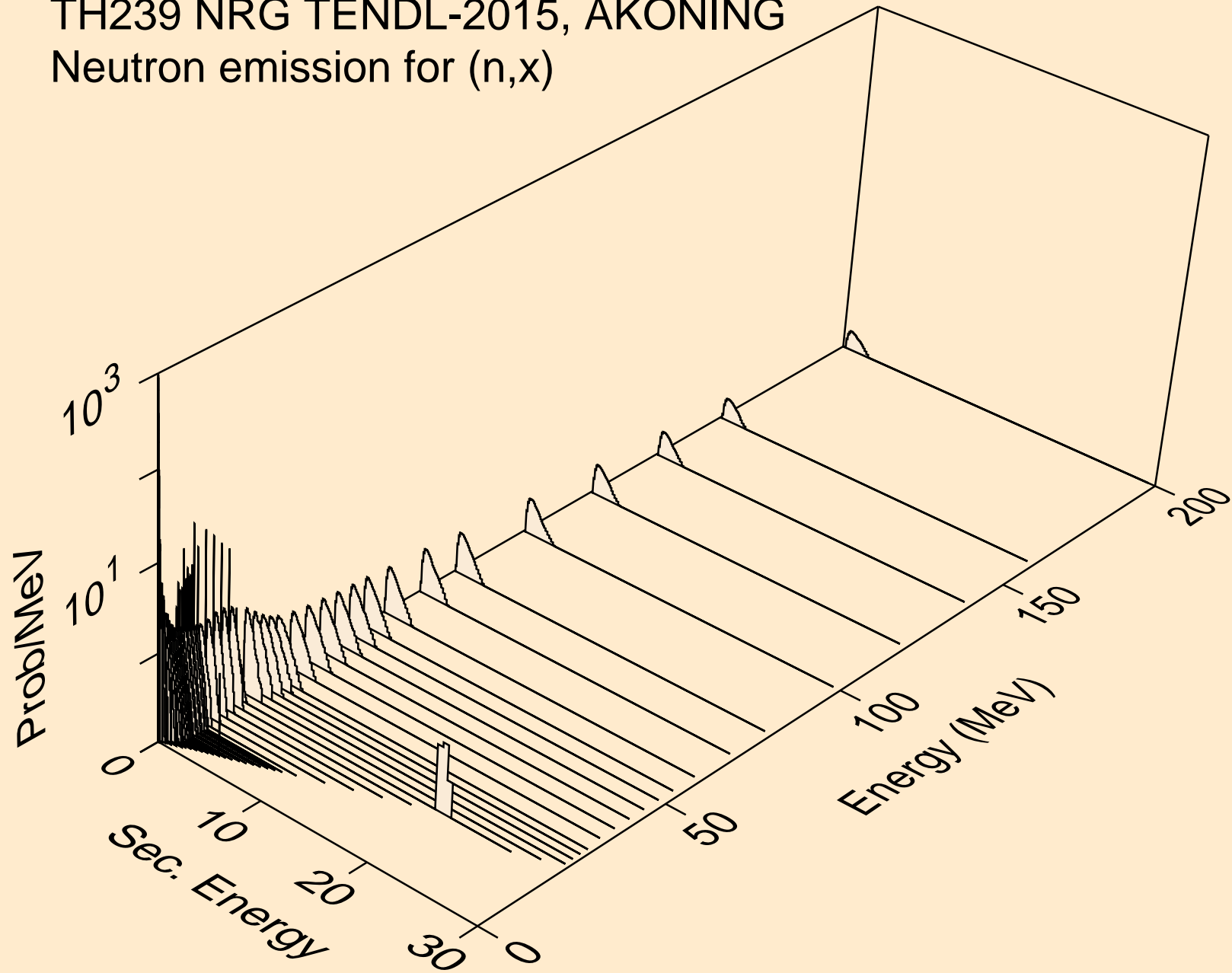


# TH239 NRG TENDL-2015, AKONING

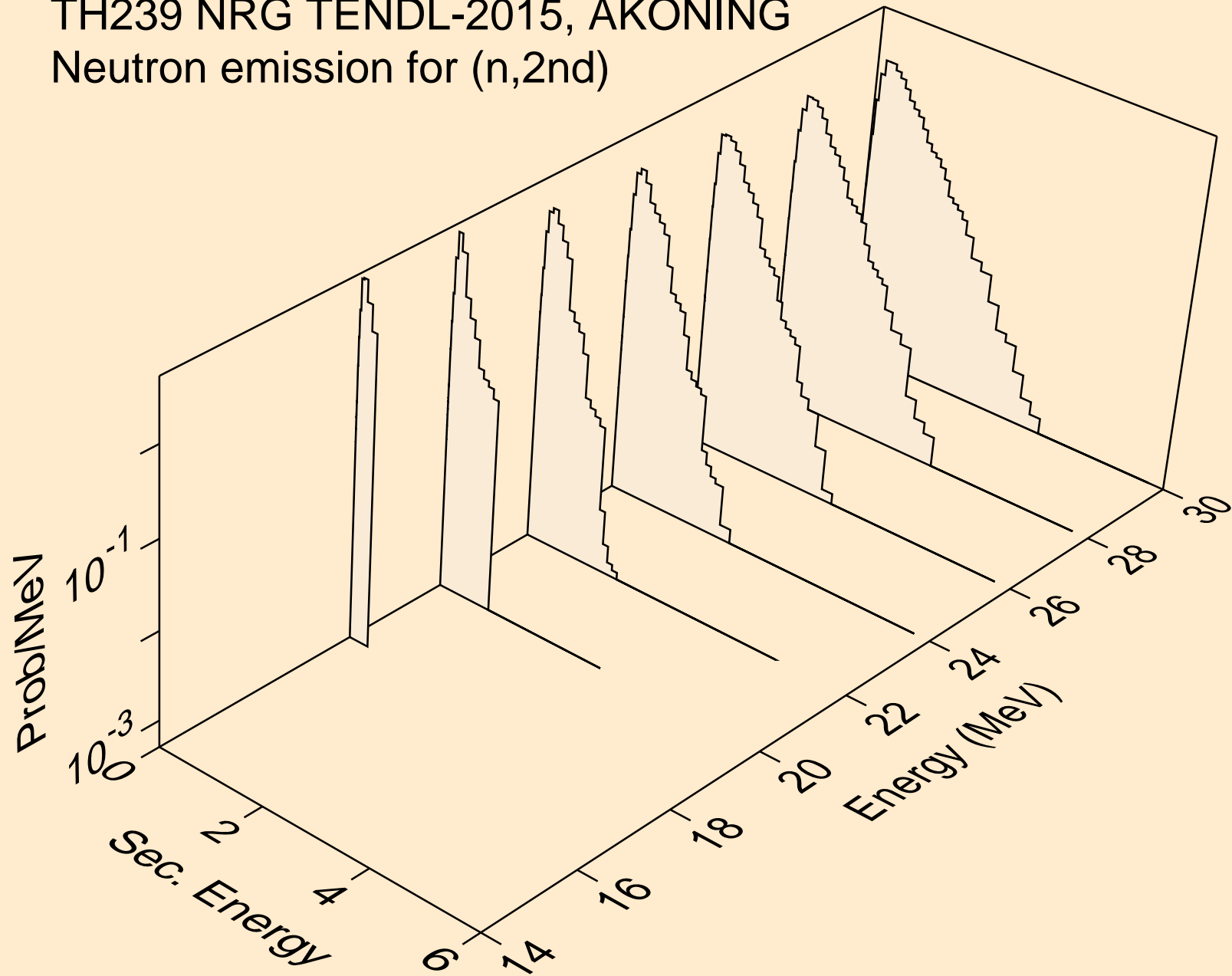
Total fission nubar



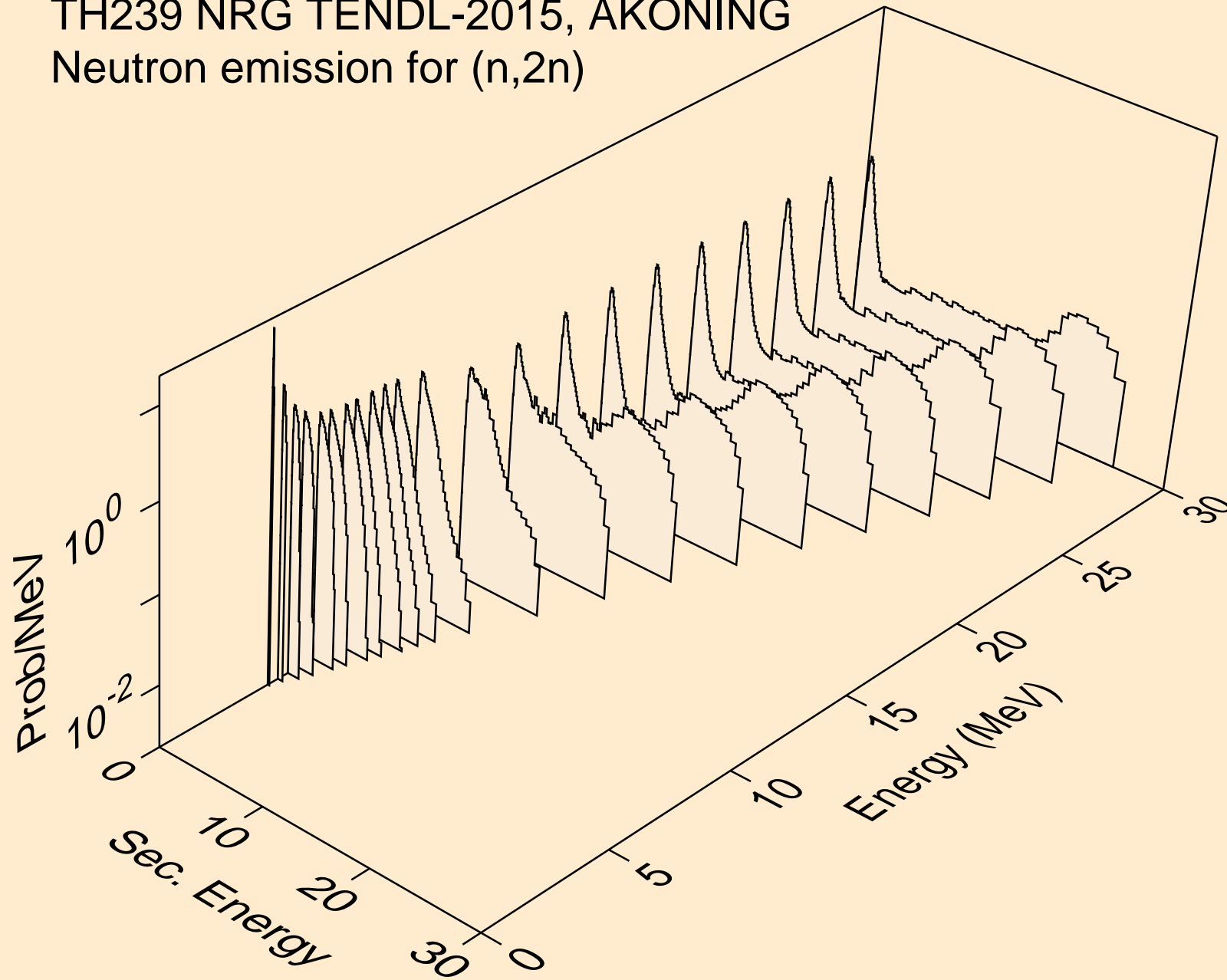
TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



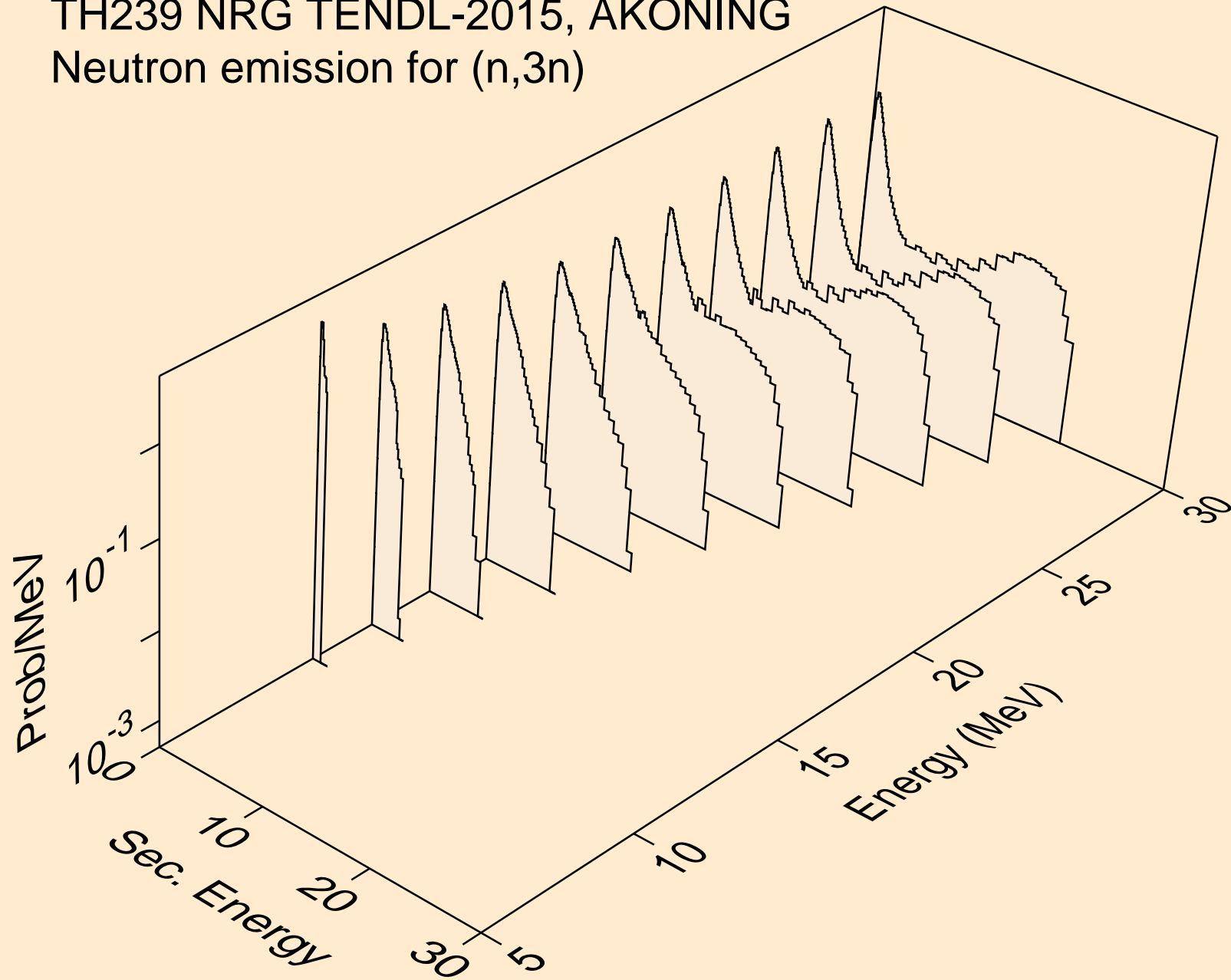
TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



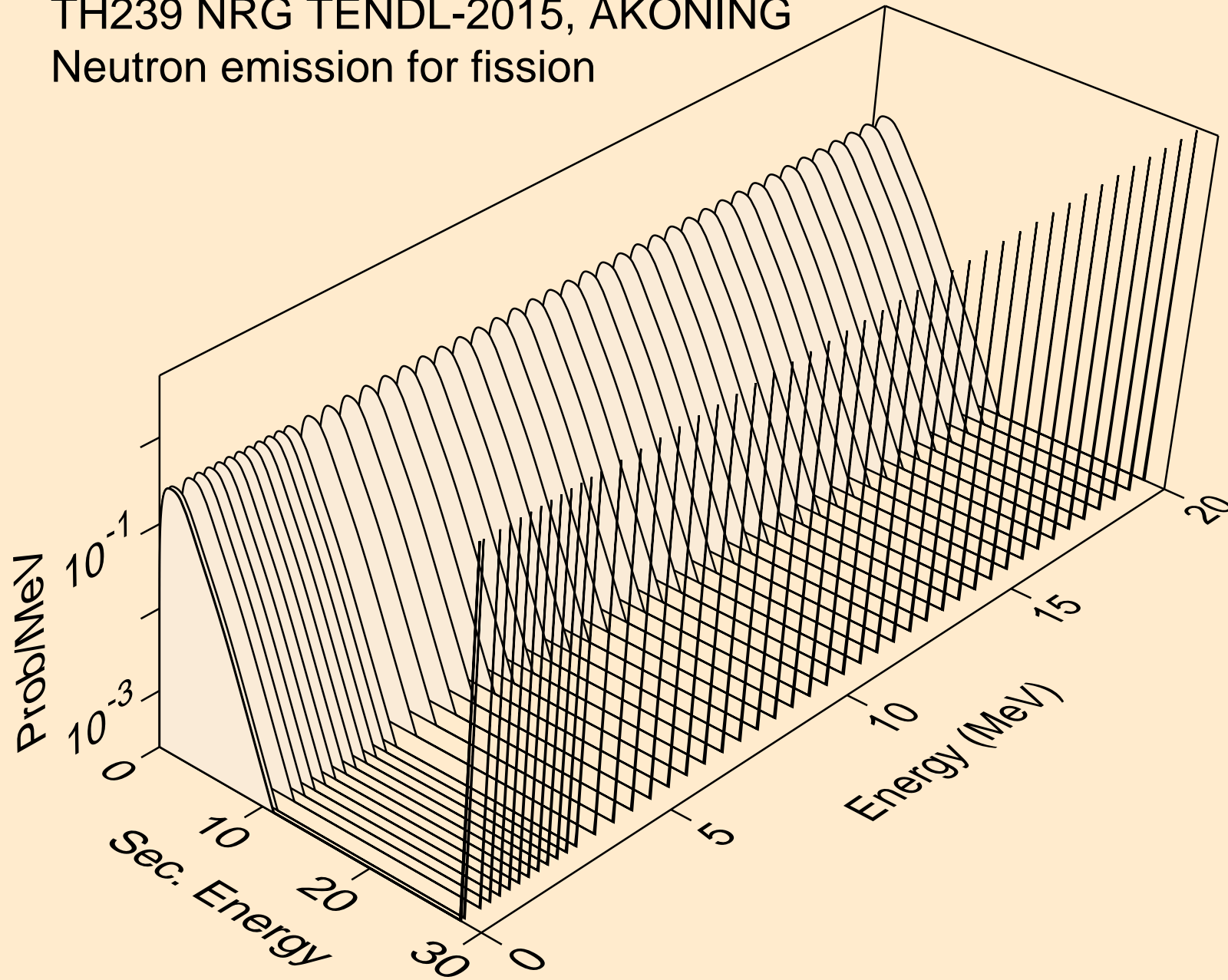
TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

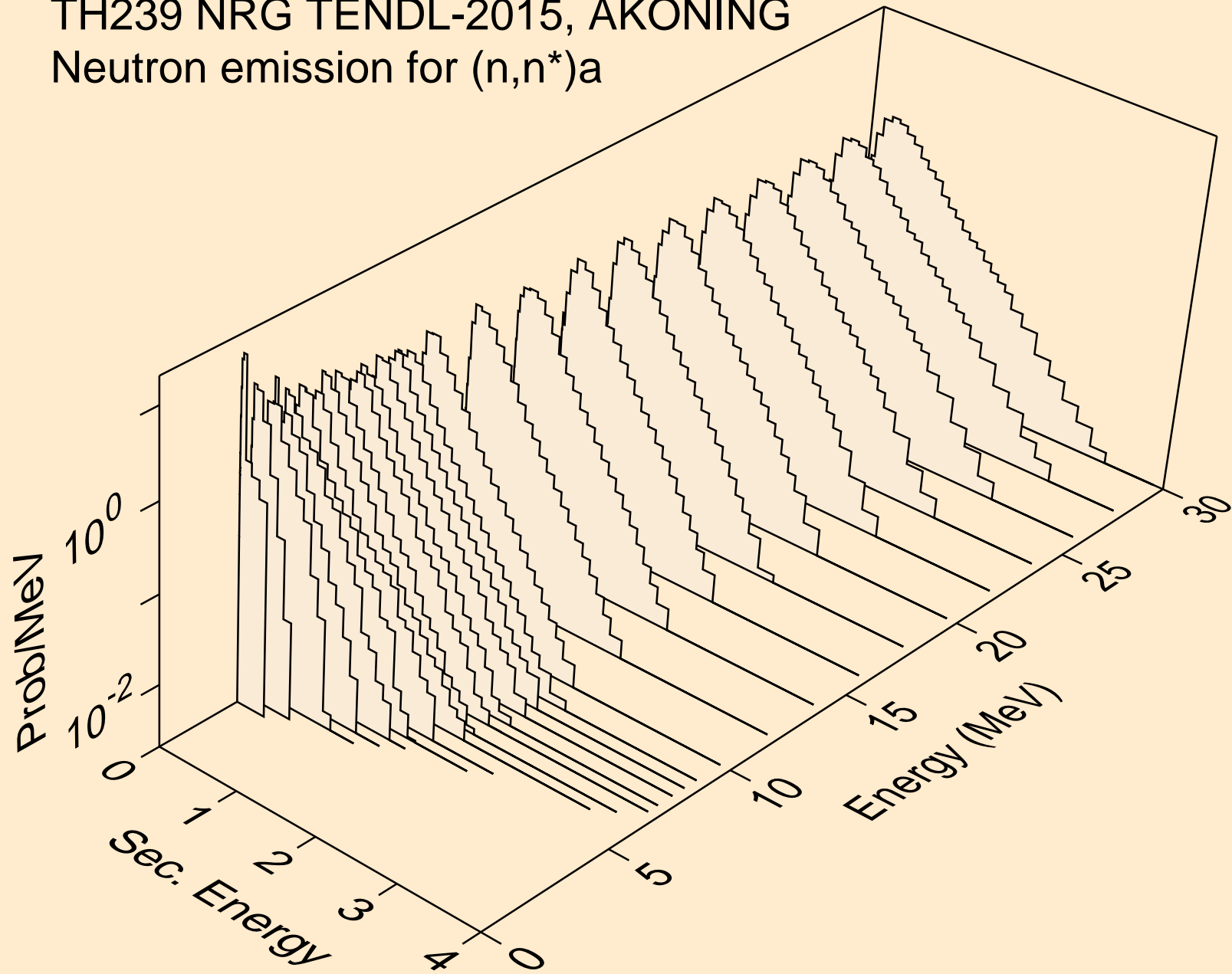


TH239 NRG TENDL-2015, AKONING  
Neutron emission for fission

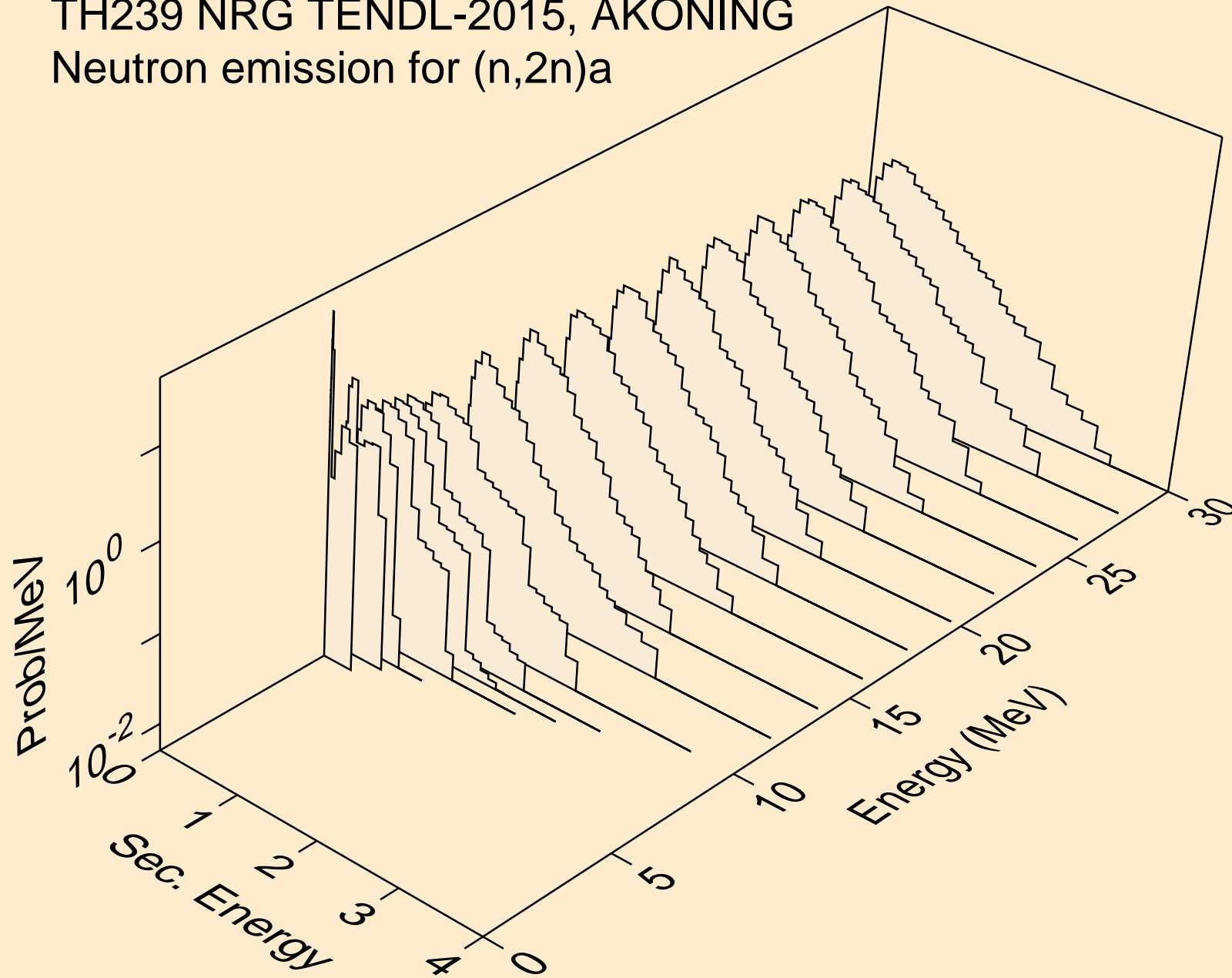




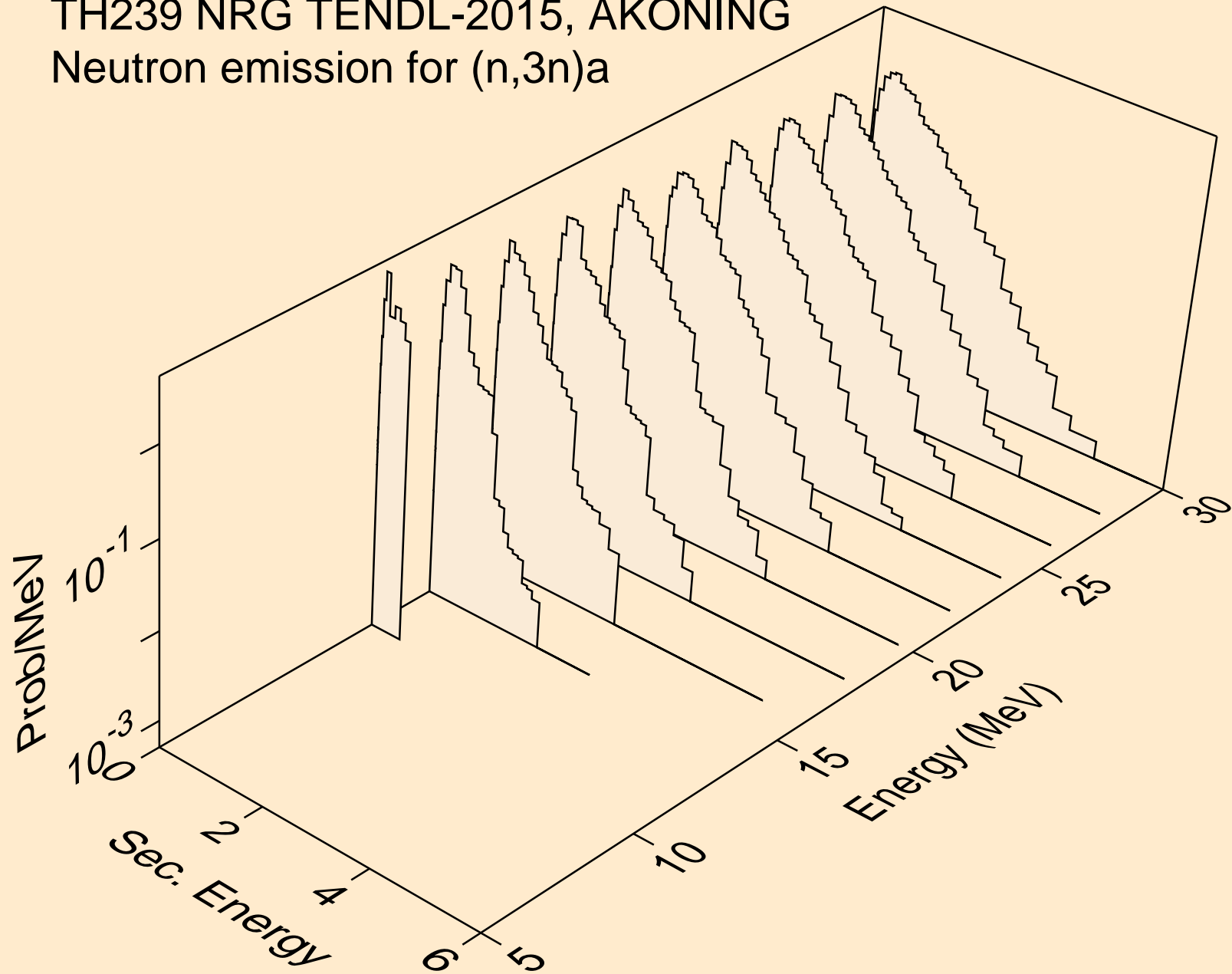
TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



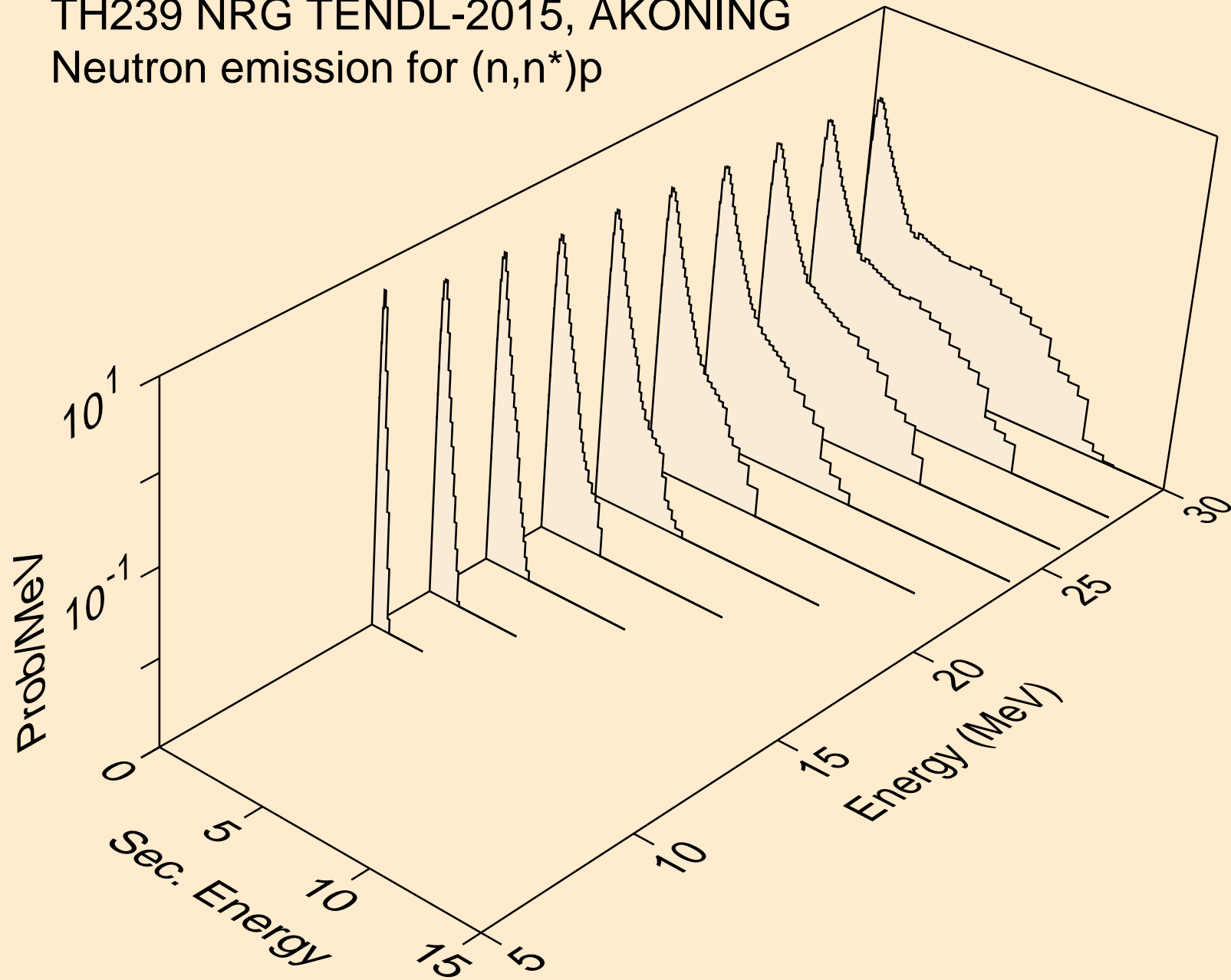
TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



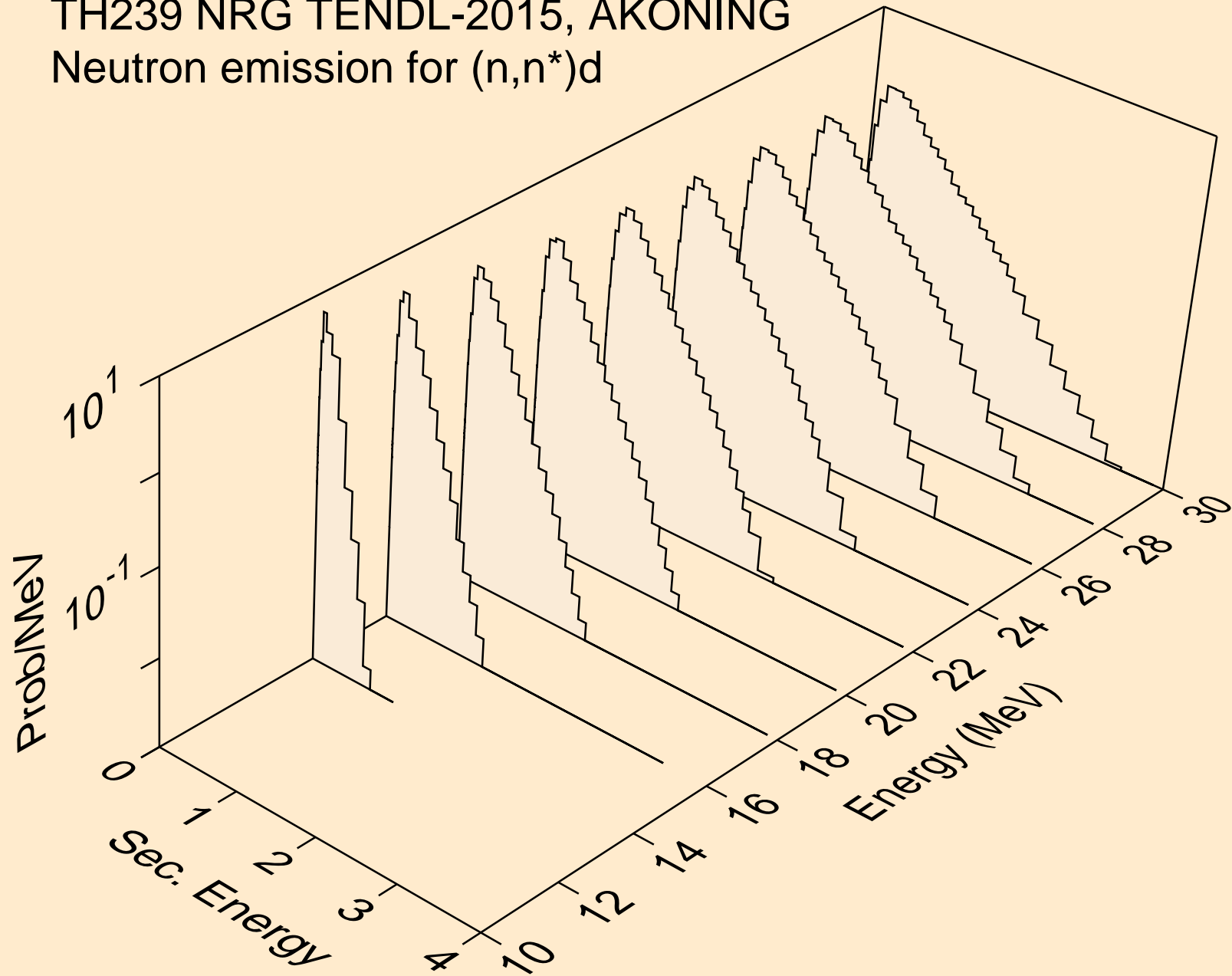
TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



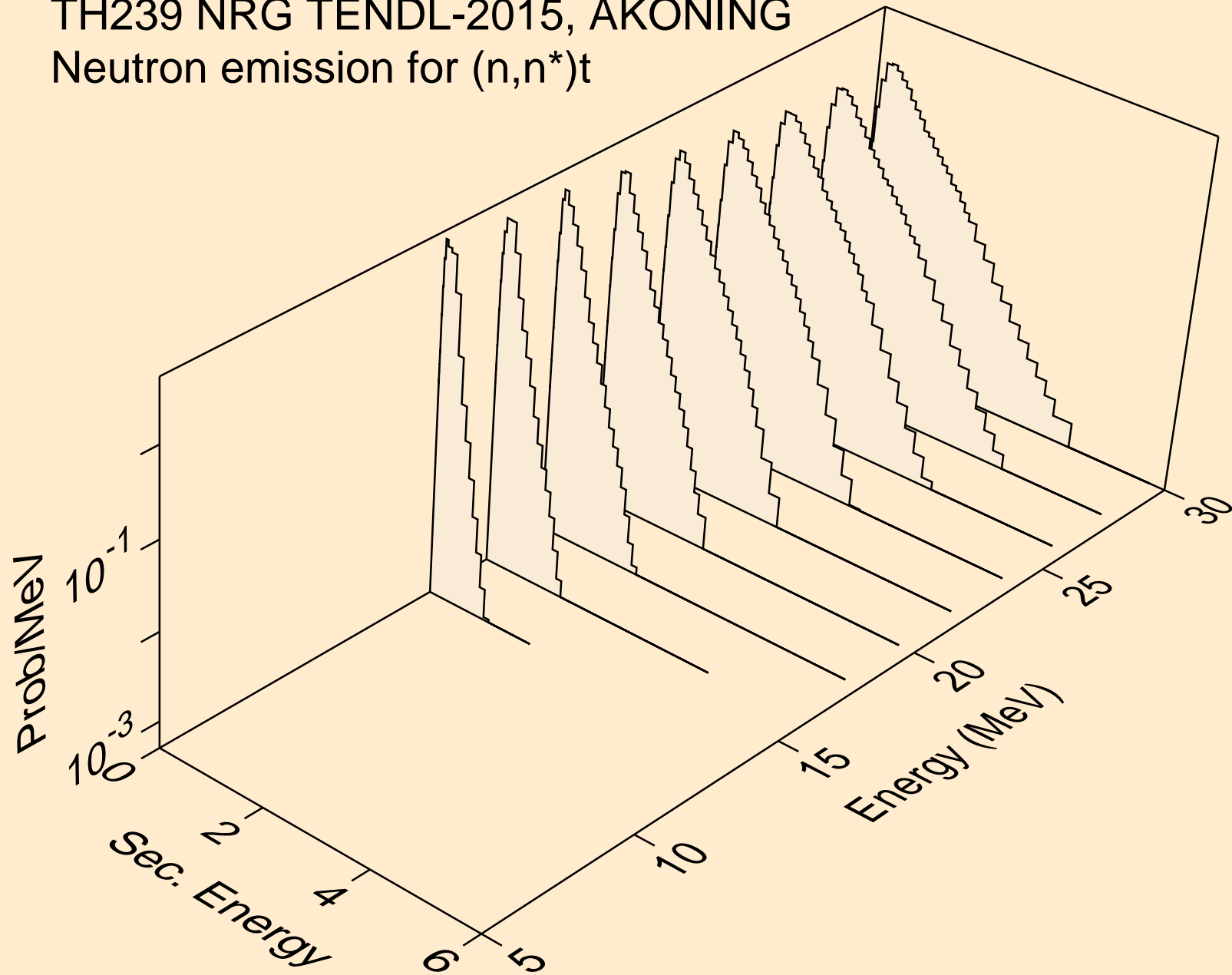
TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



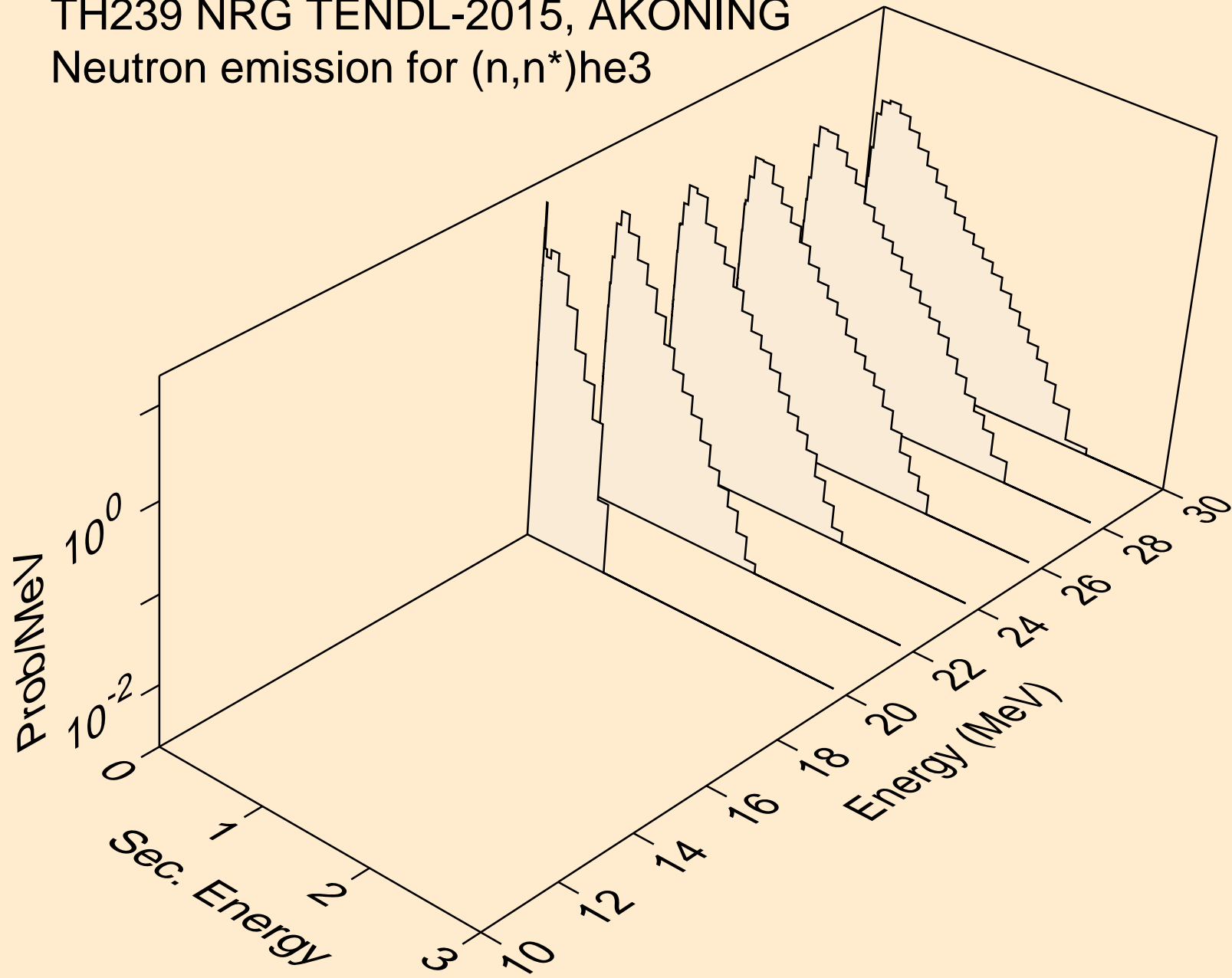
TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



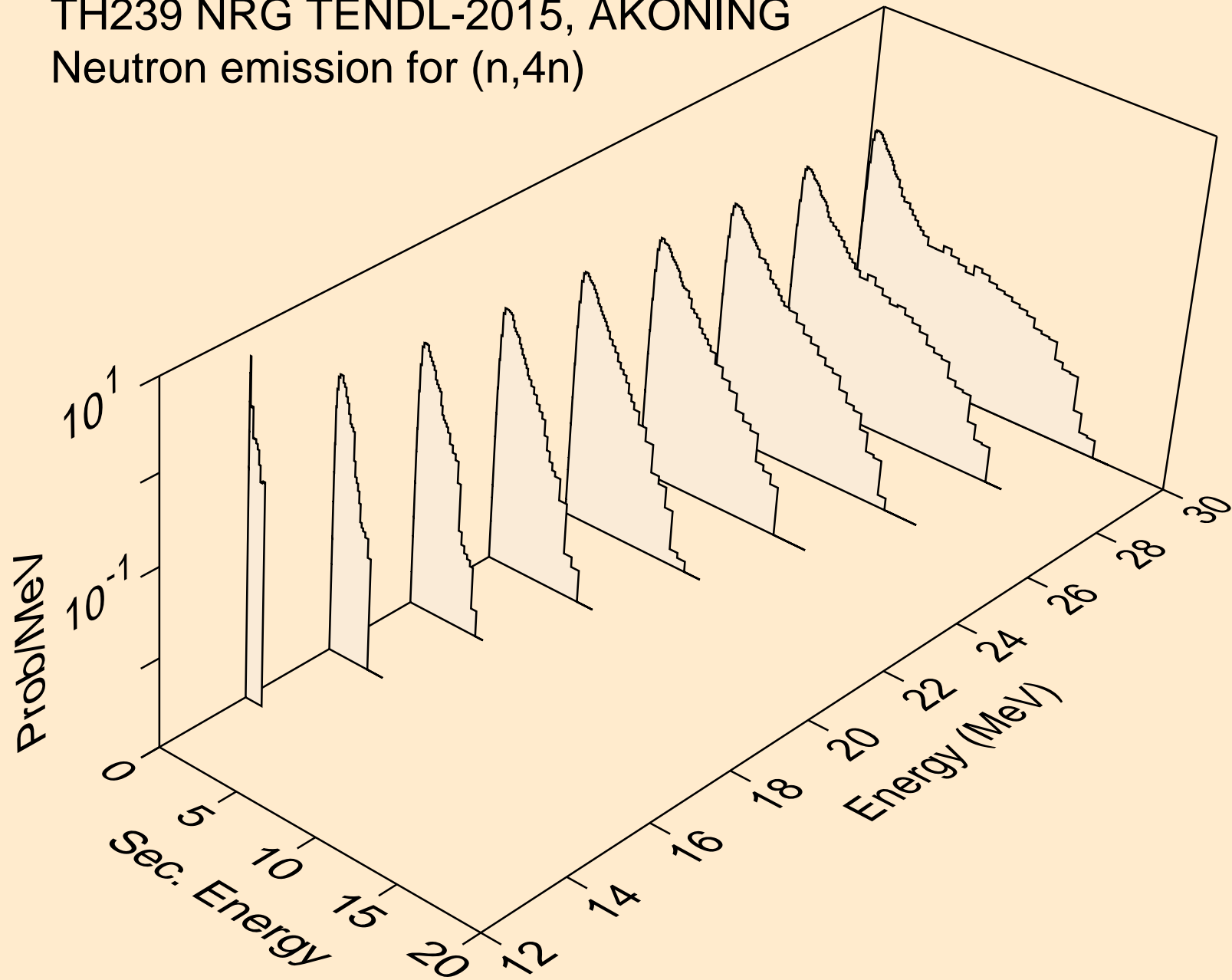
TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

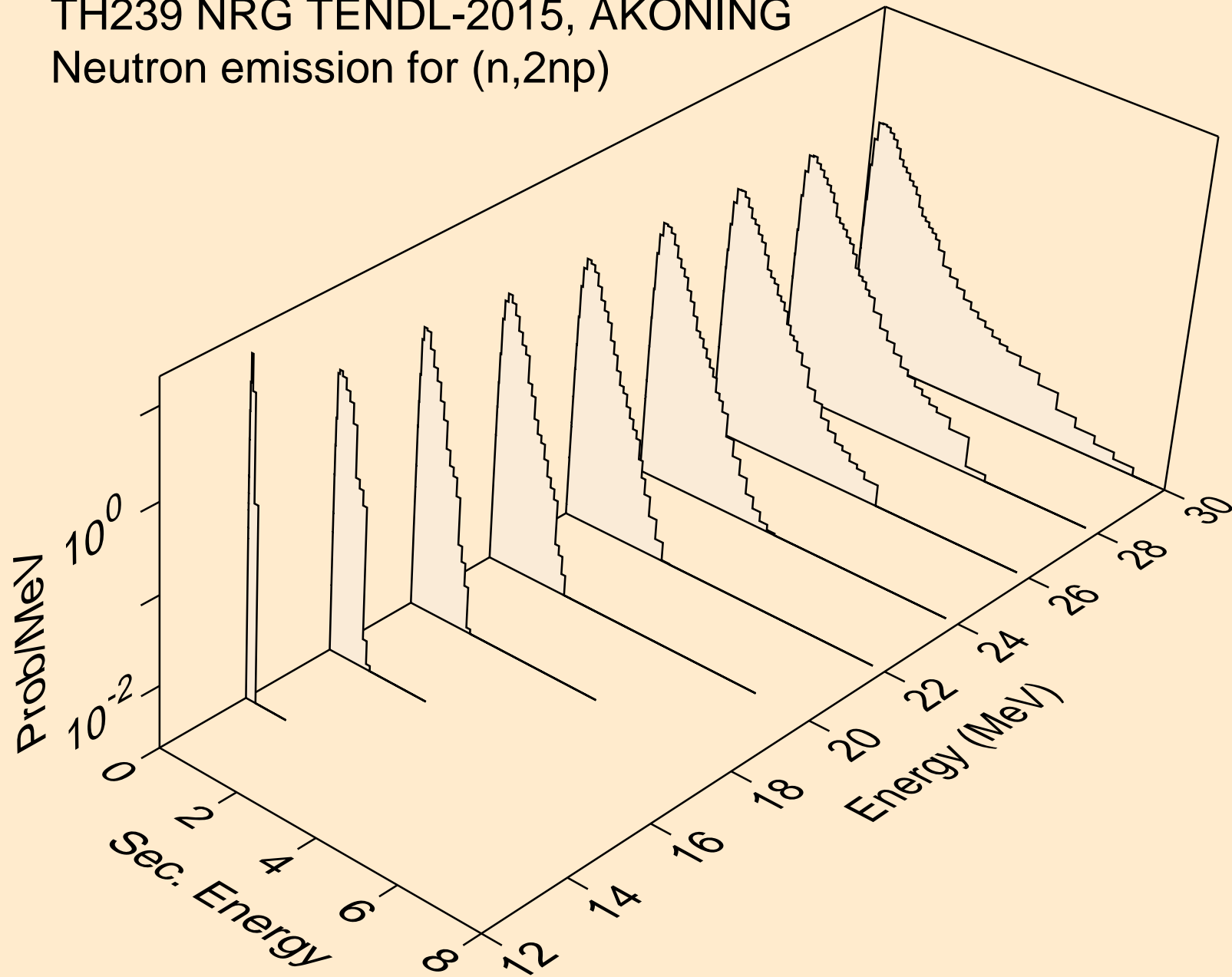


TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

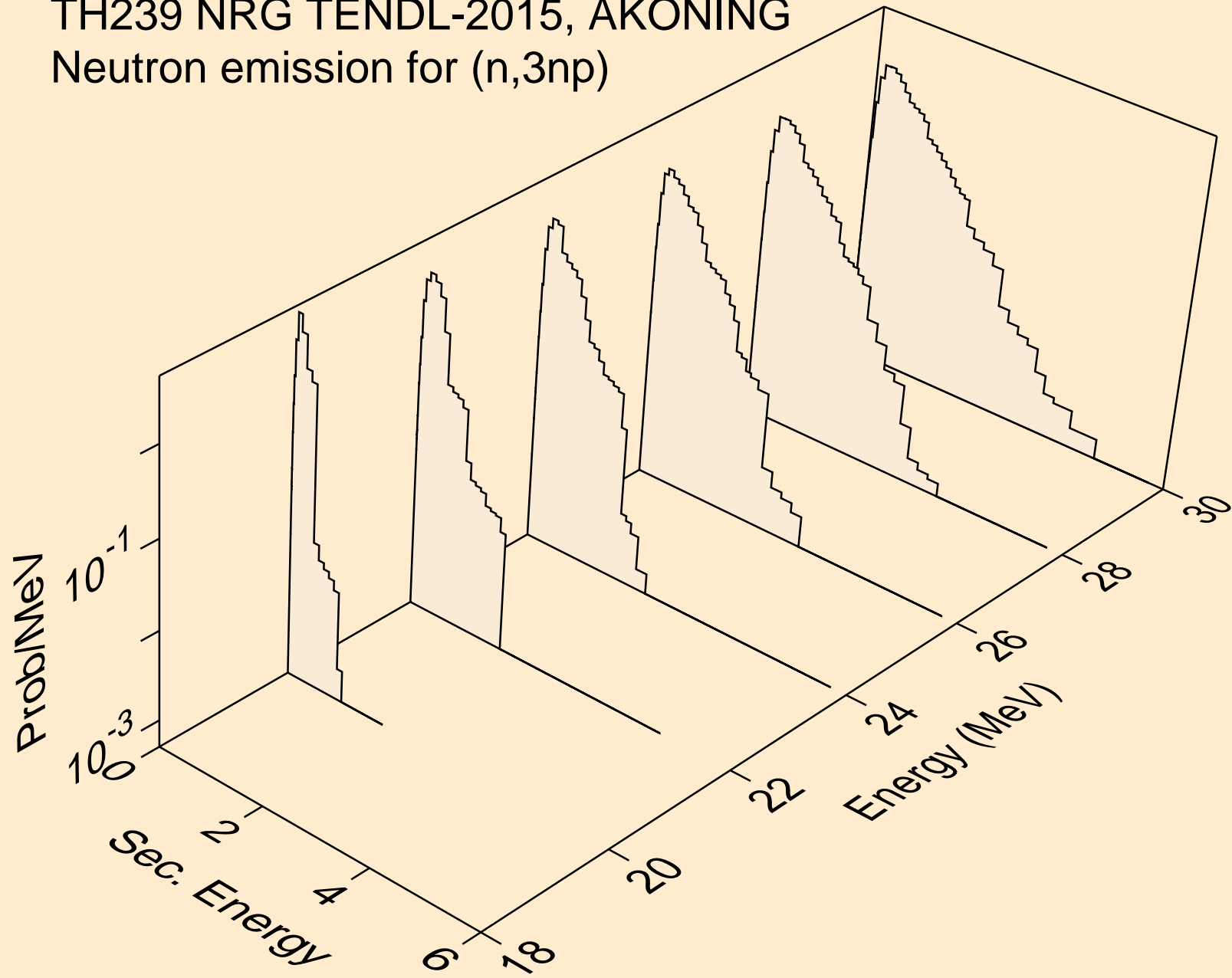




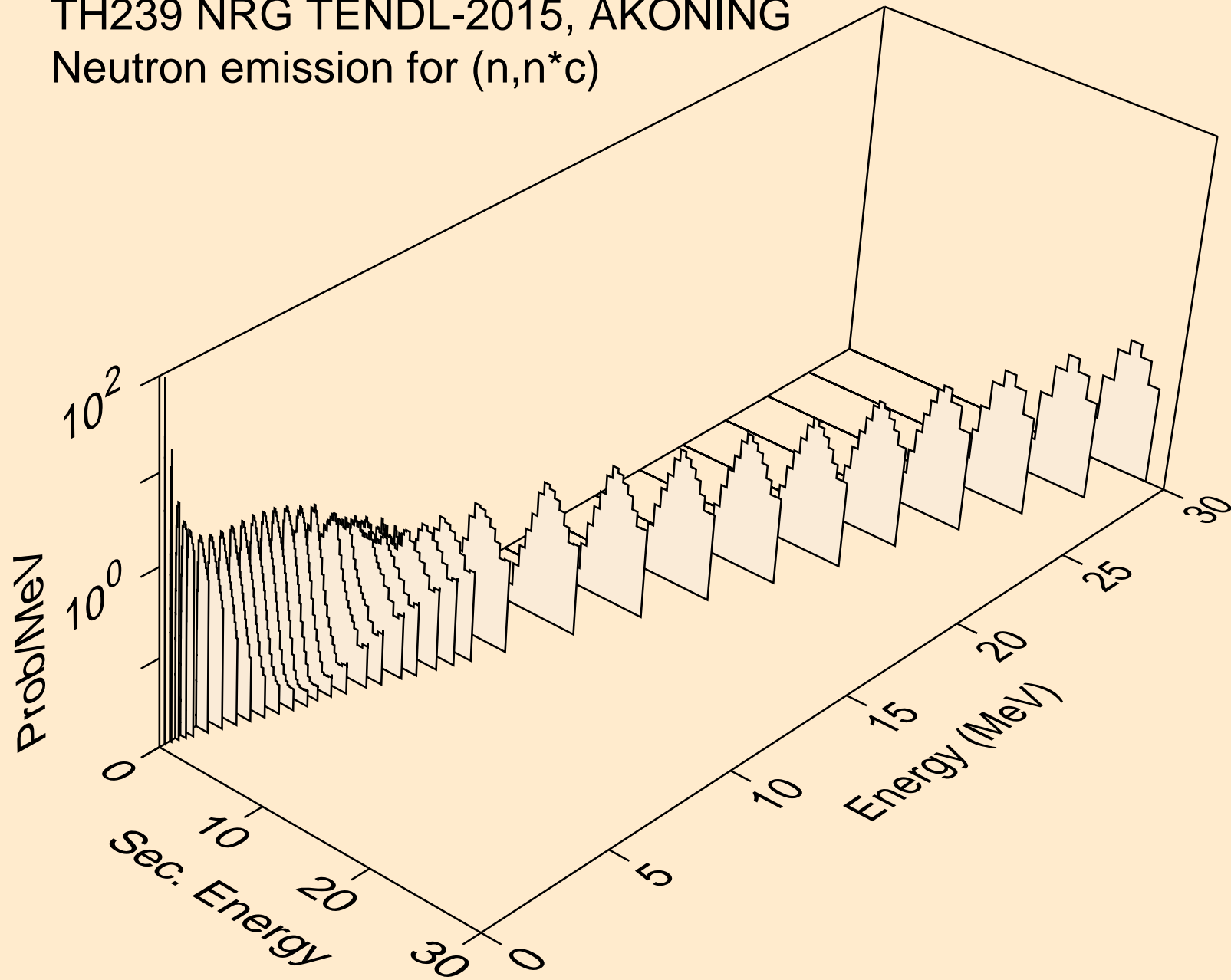
TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

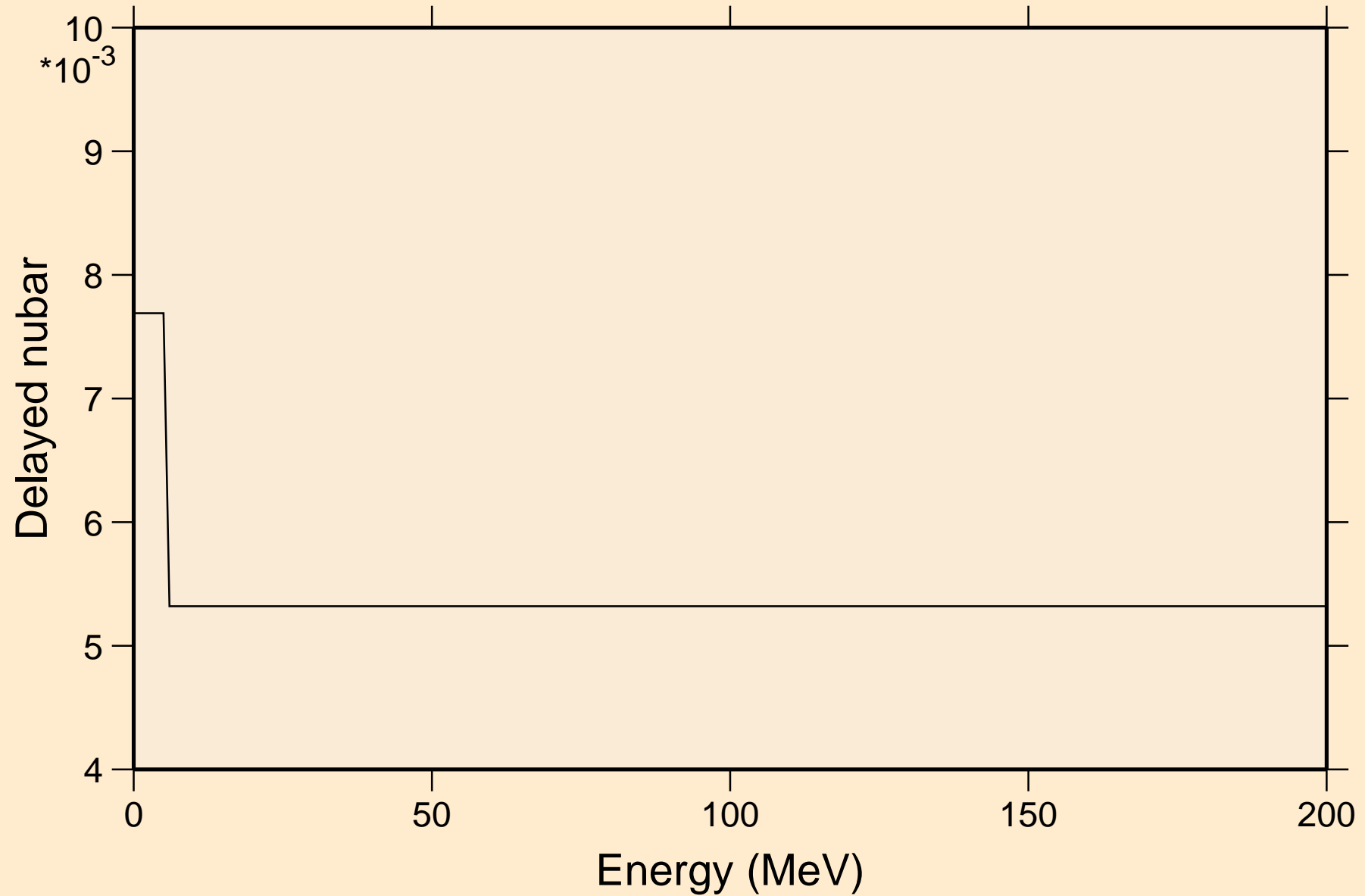


TH239 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



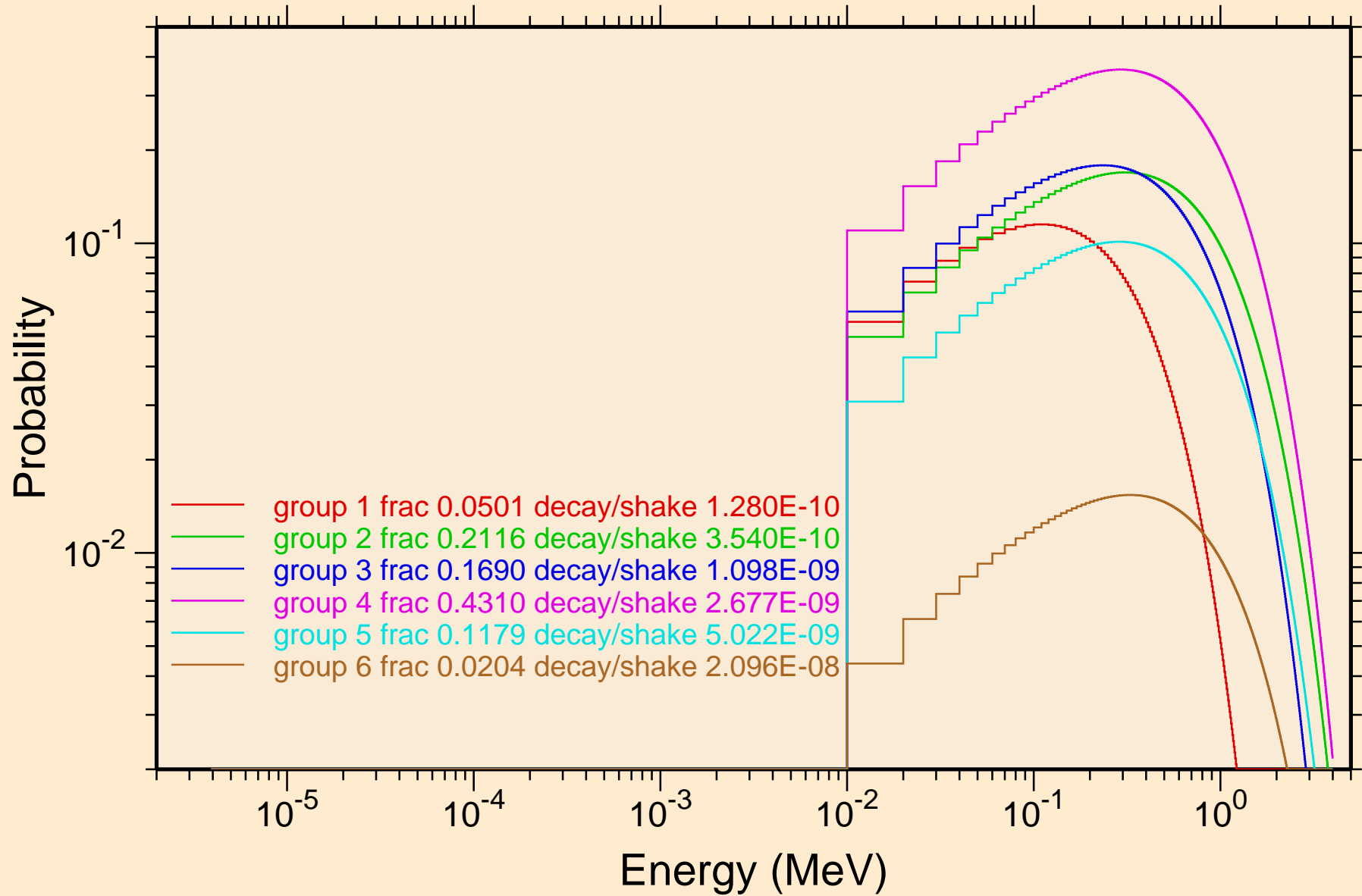
# TH239 NRG TENDL-2015, AKONING

Delayed nubar

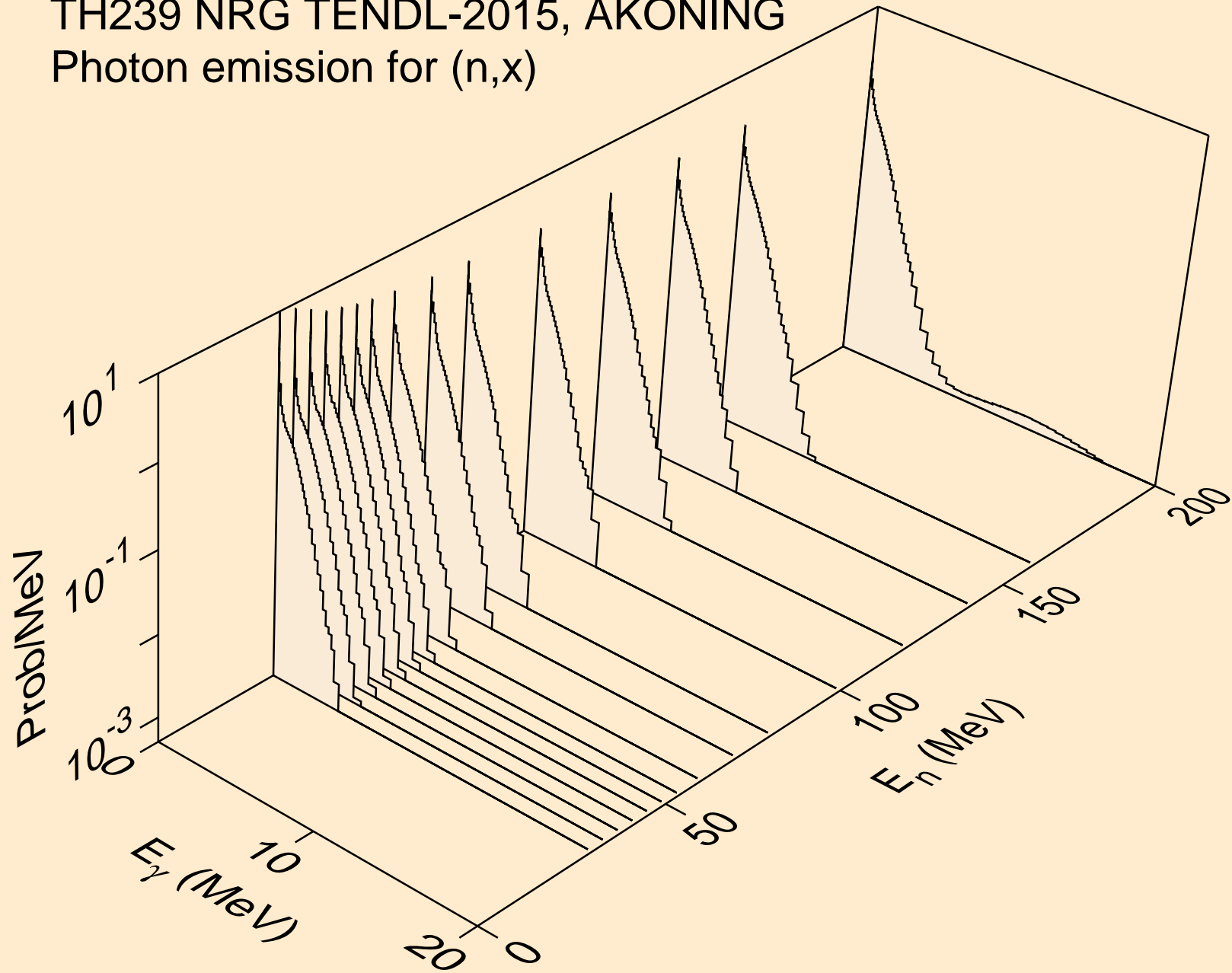


# TH239 NRG TENDL-2015, AKONING

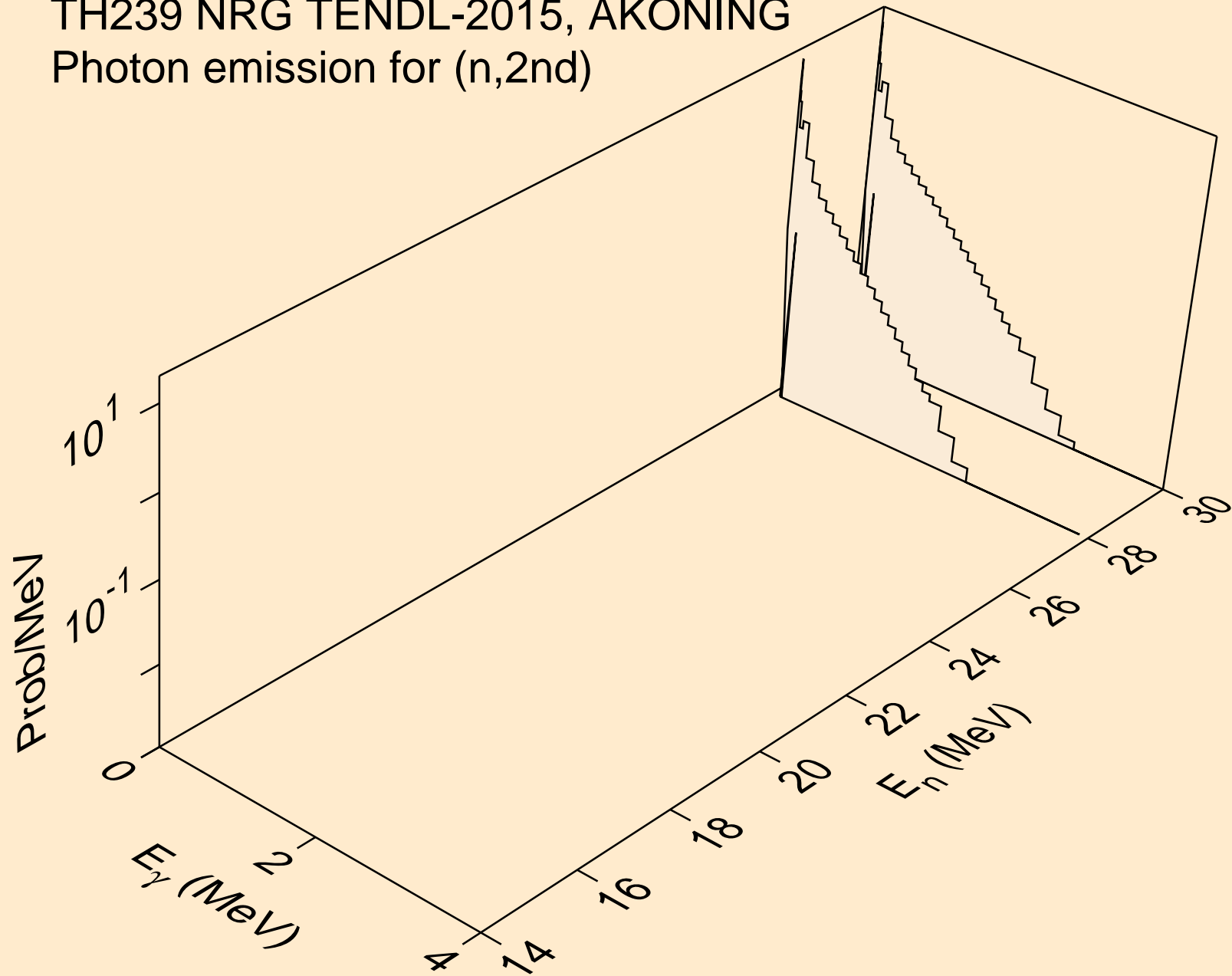
## Delayed neutron spectra



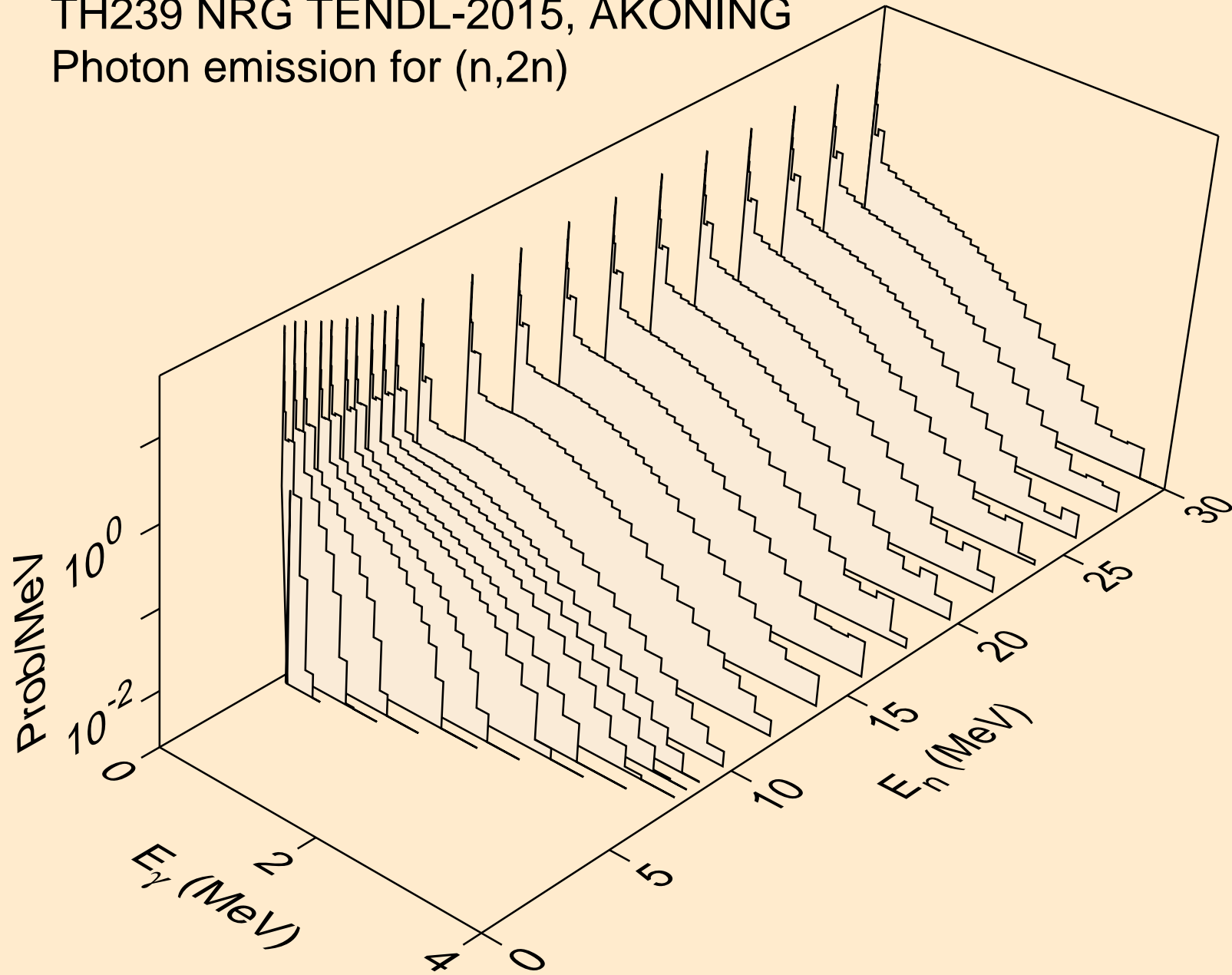
TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

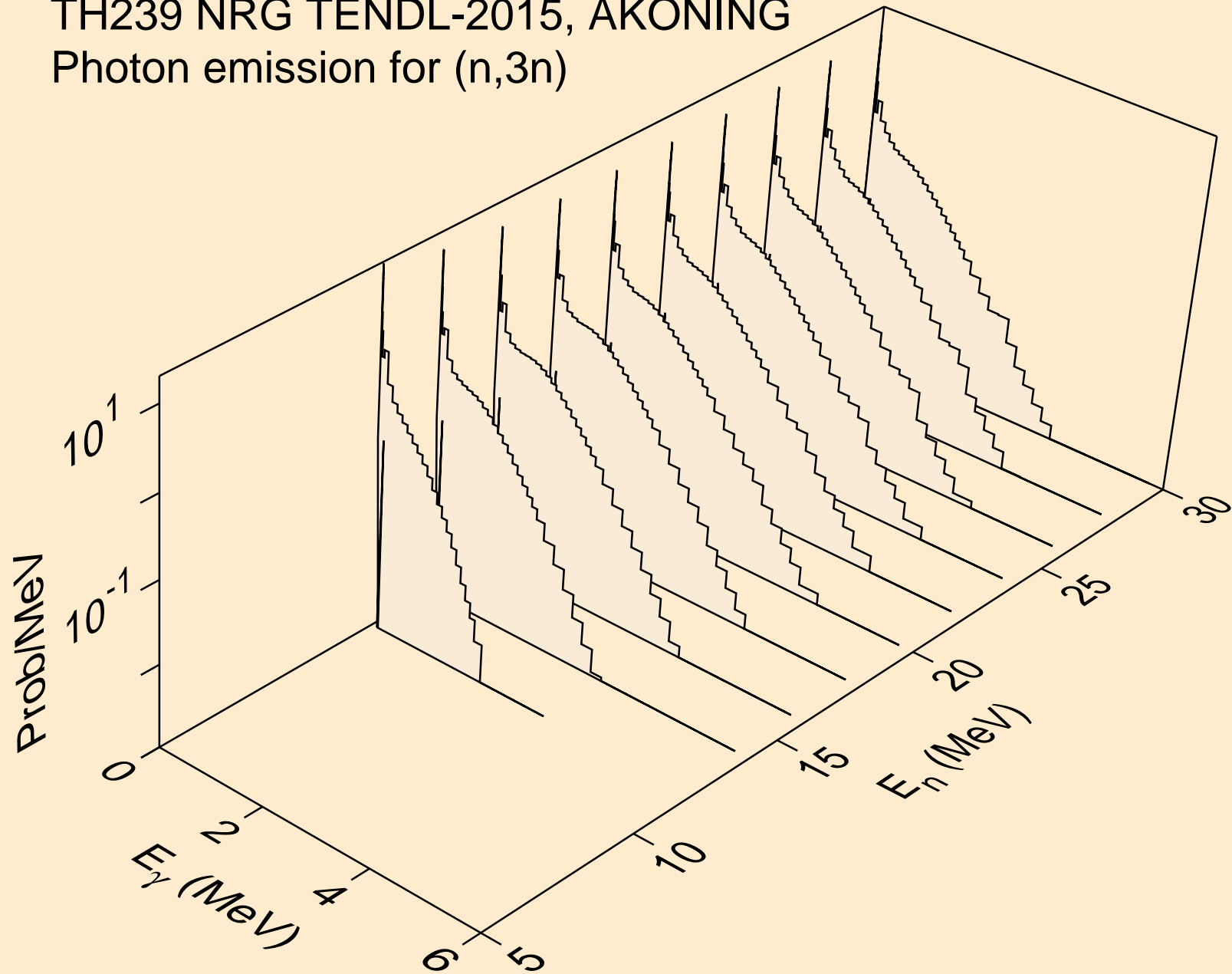


TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

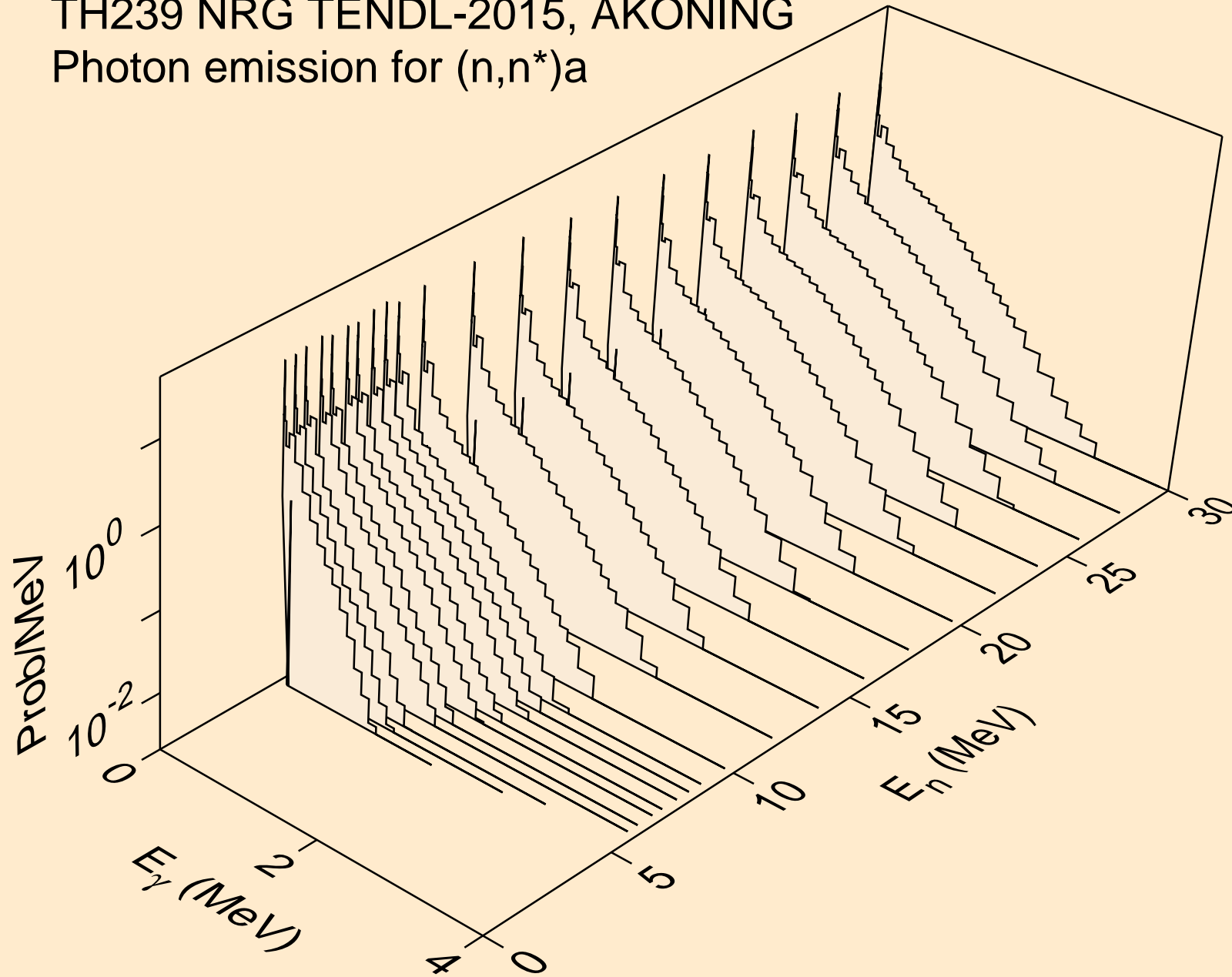




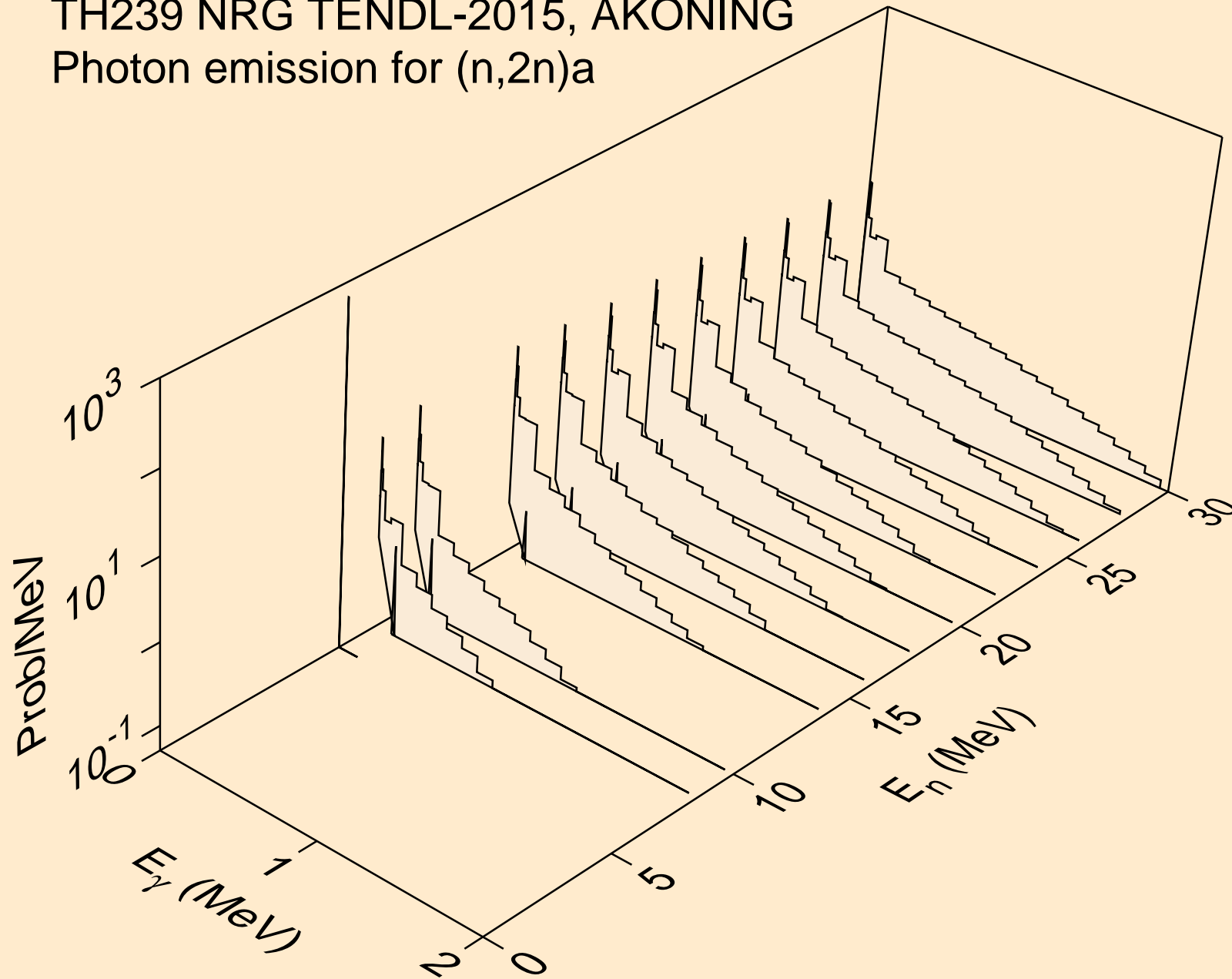
TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



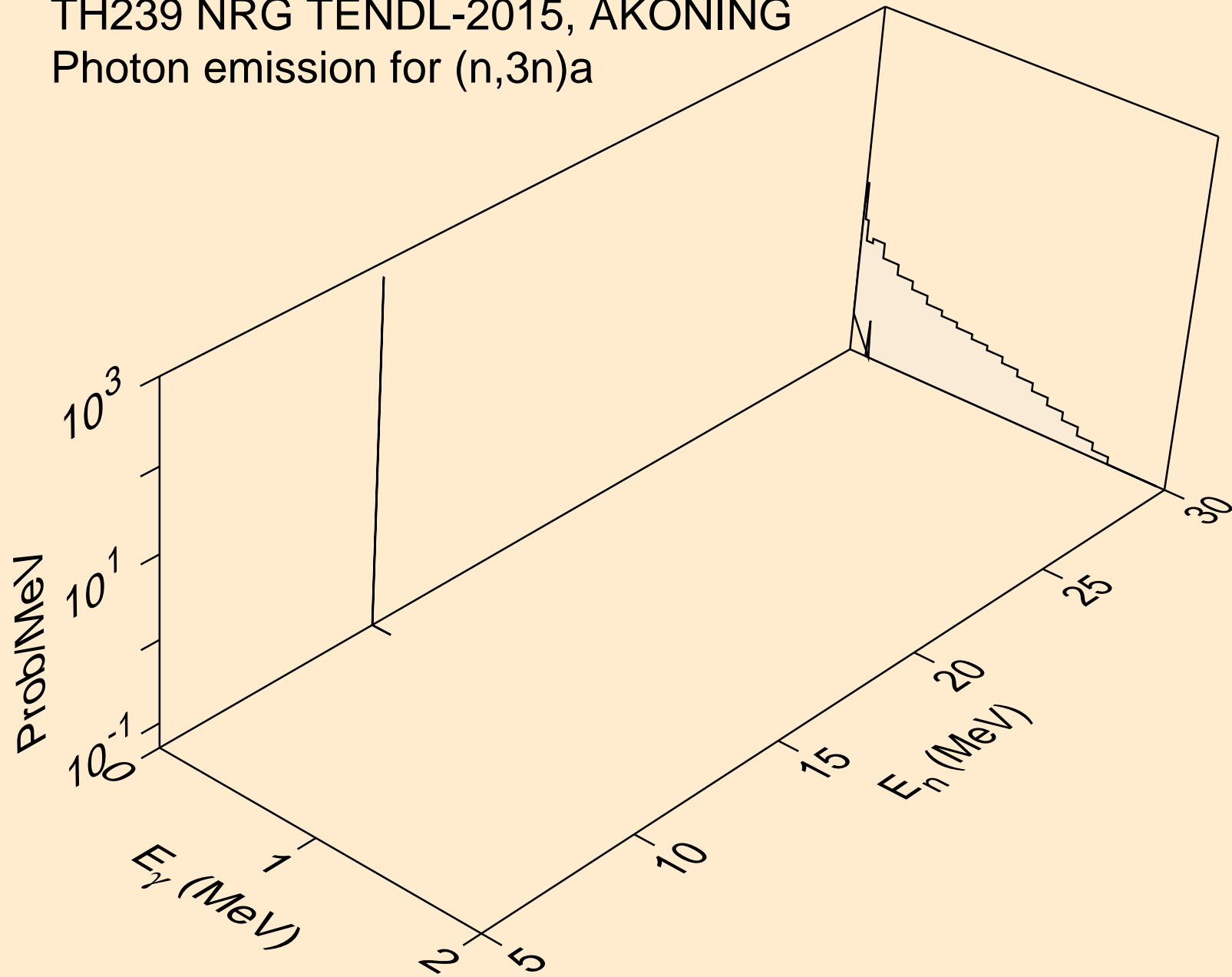
TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



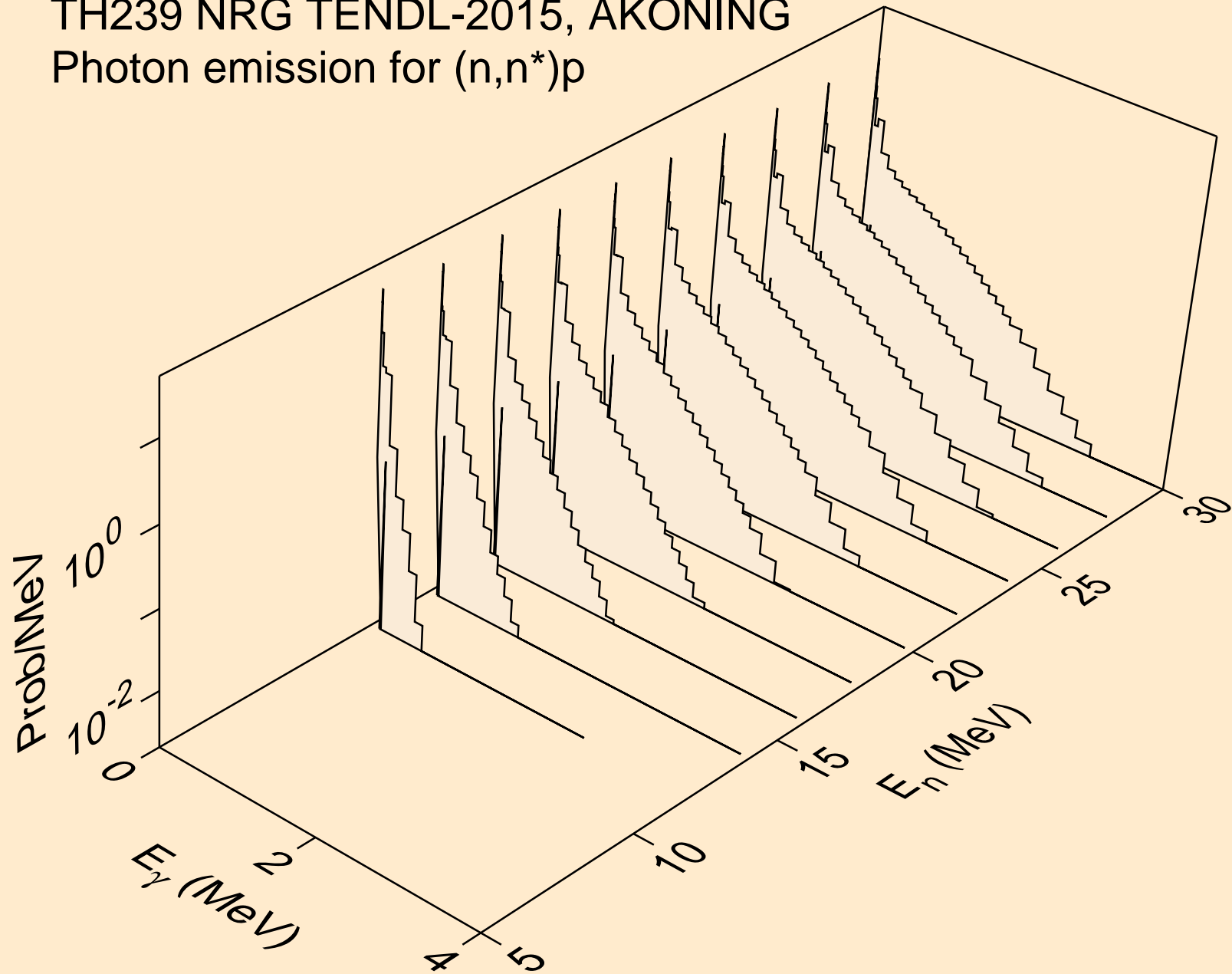
TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)<sub>a</sub>



TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

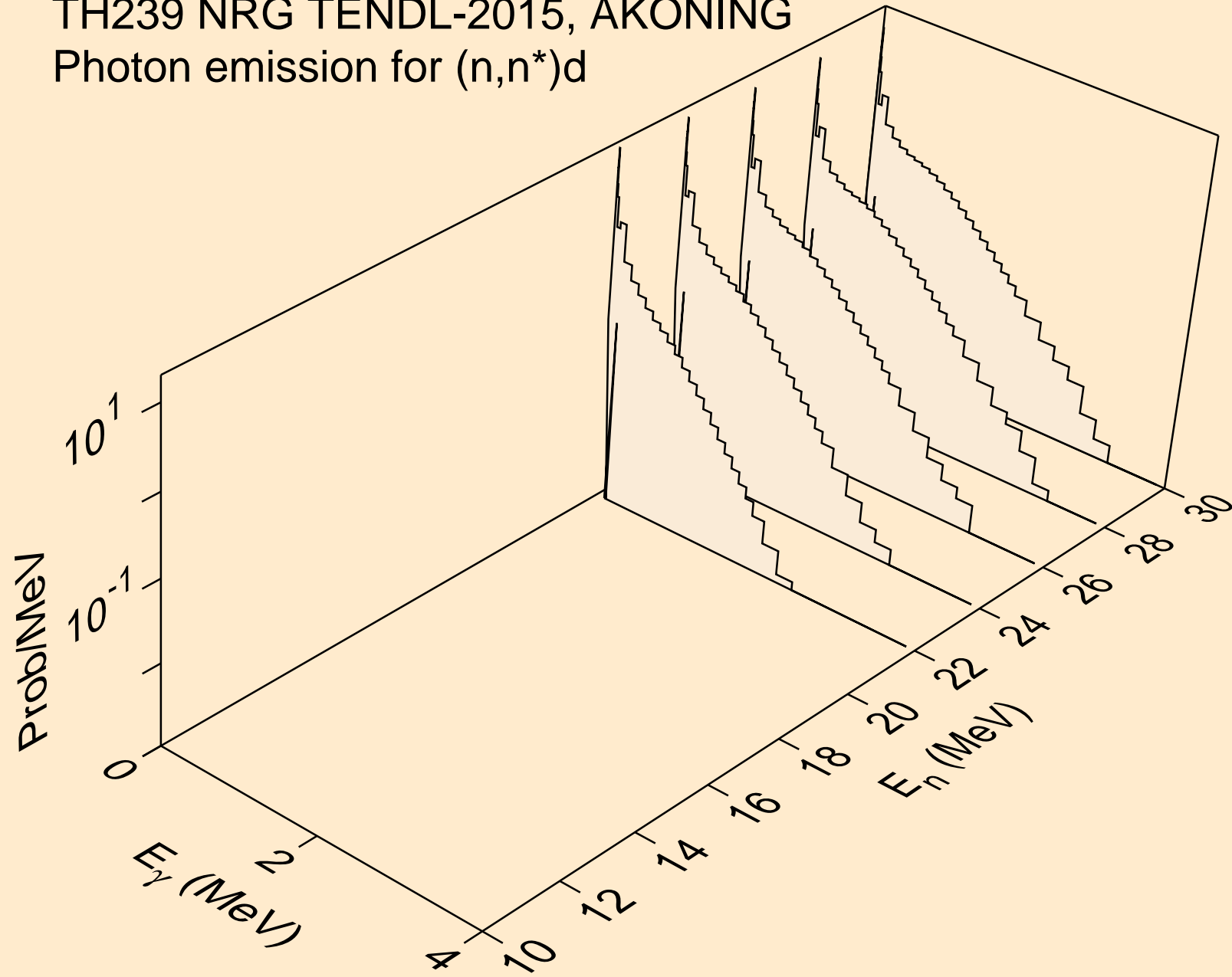


TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

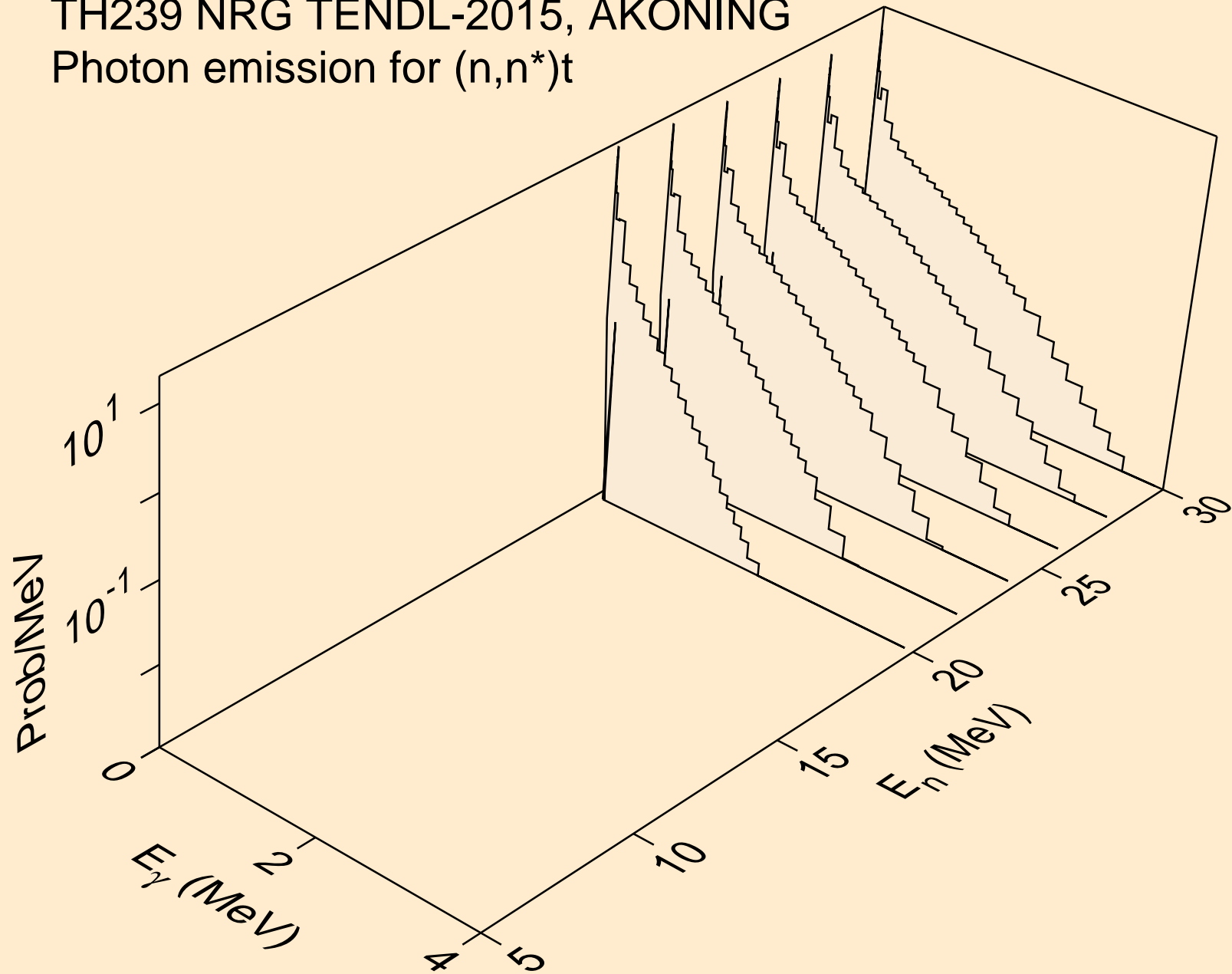


TH239 NRG TENDL-2015, AKONING

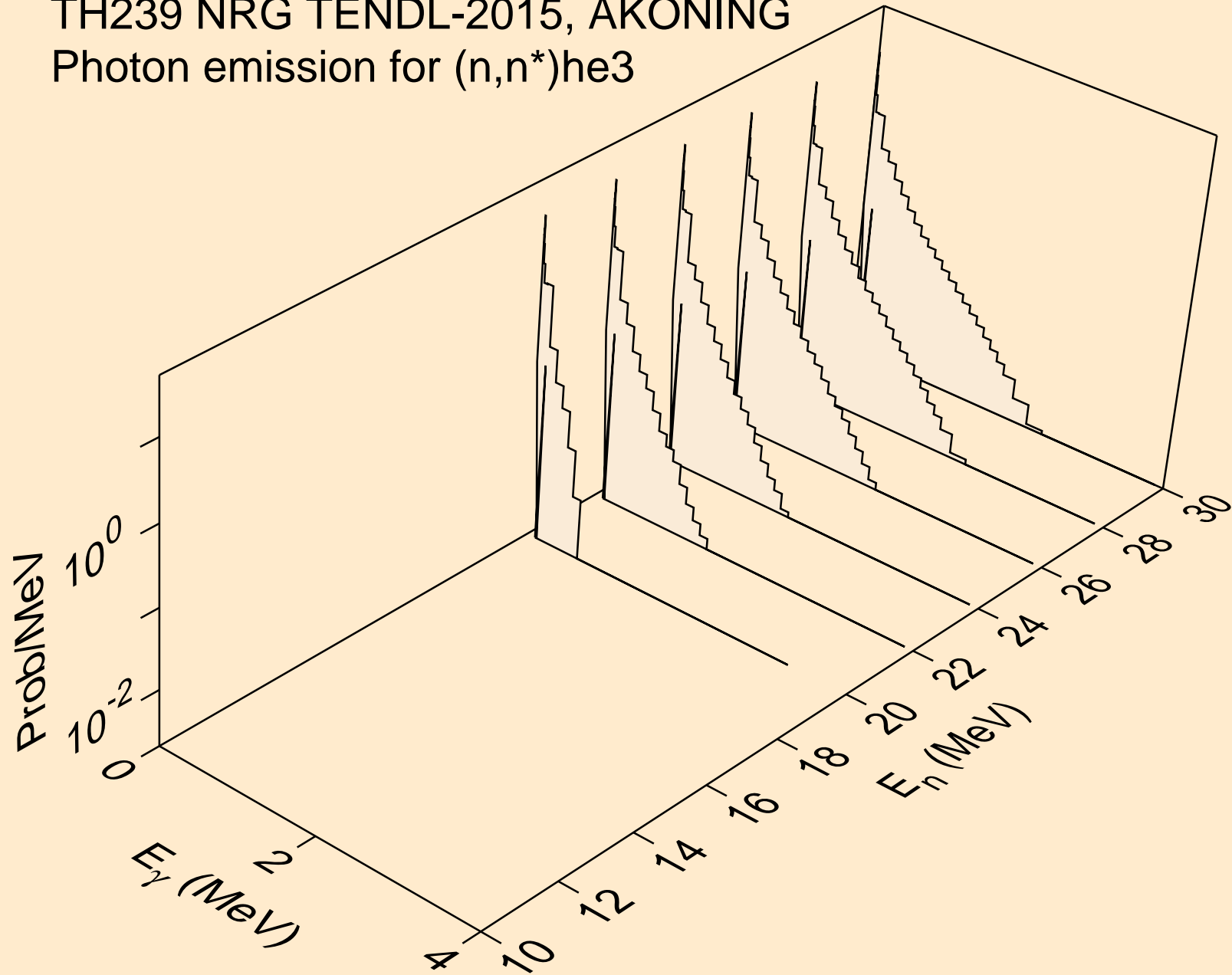
Photon emission for (n,n\*)d



TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

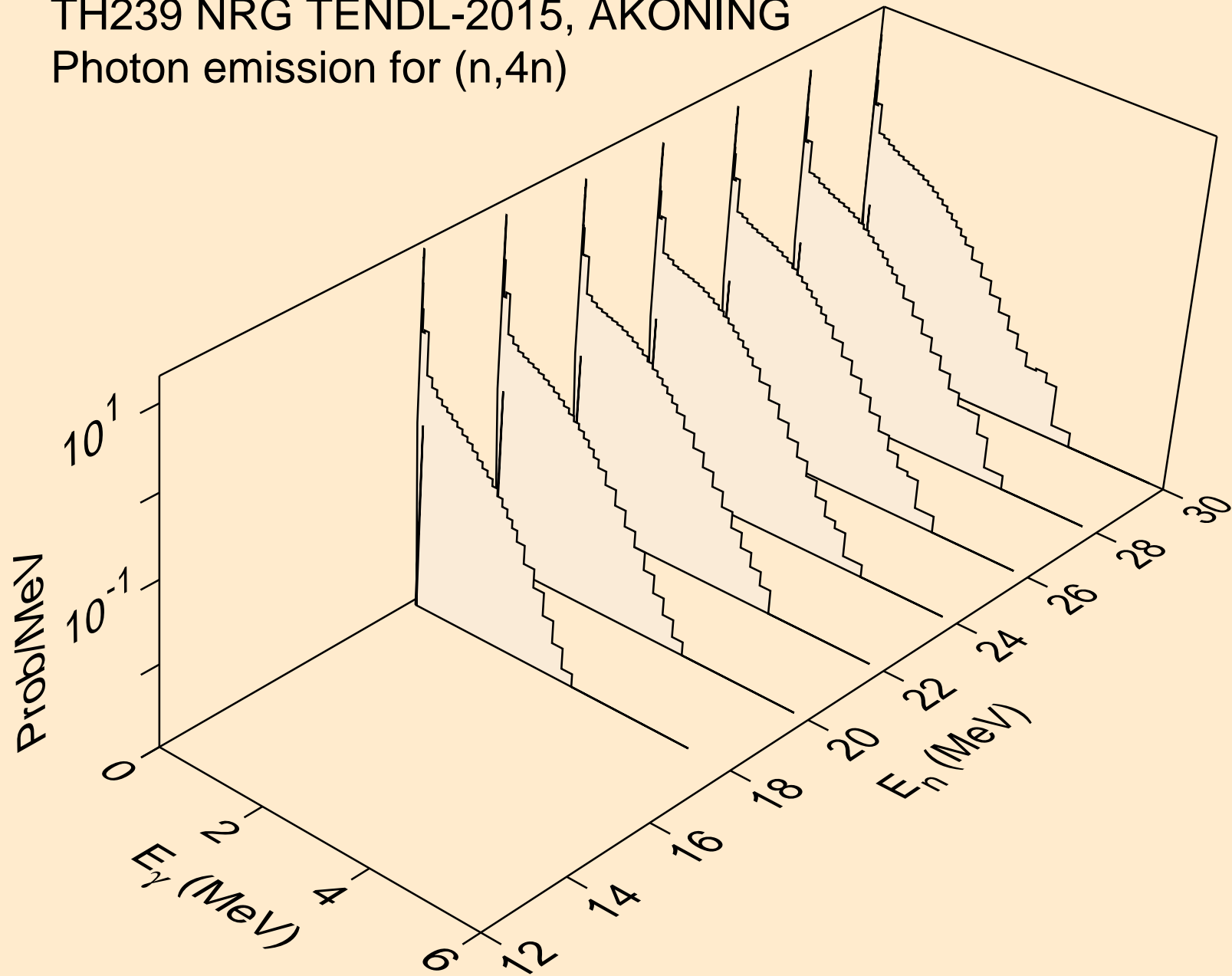


TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

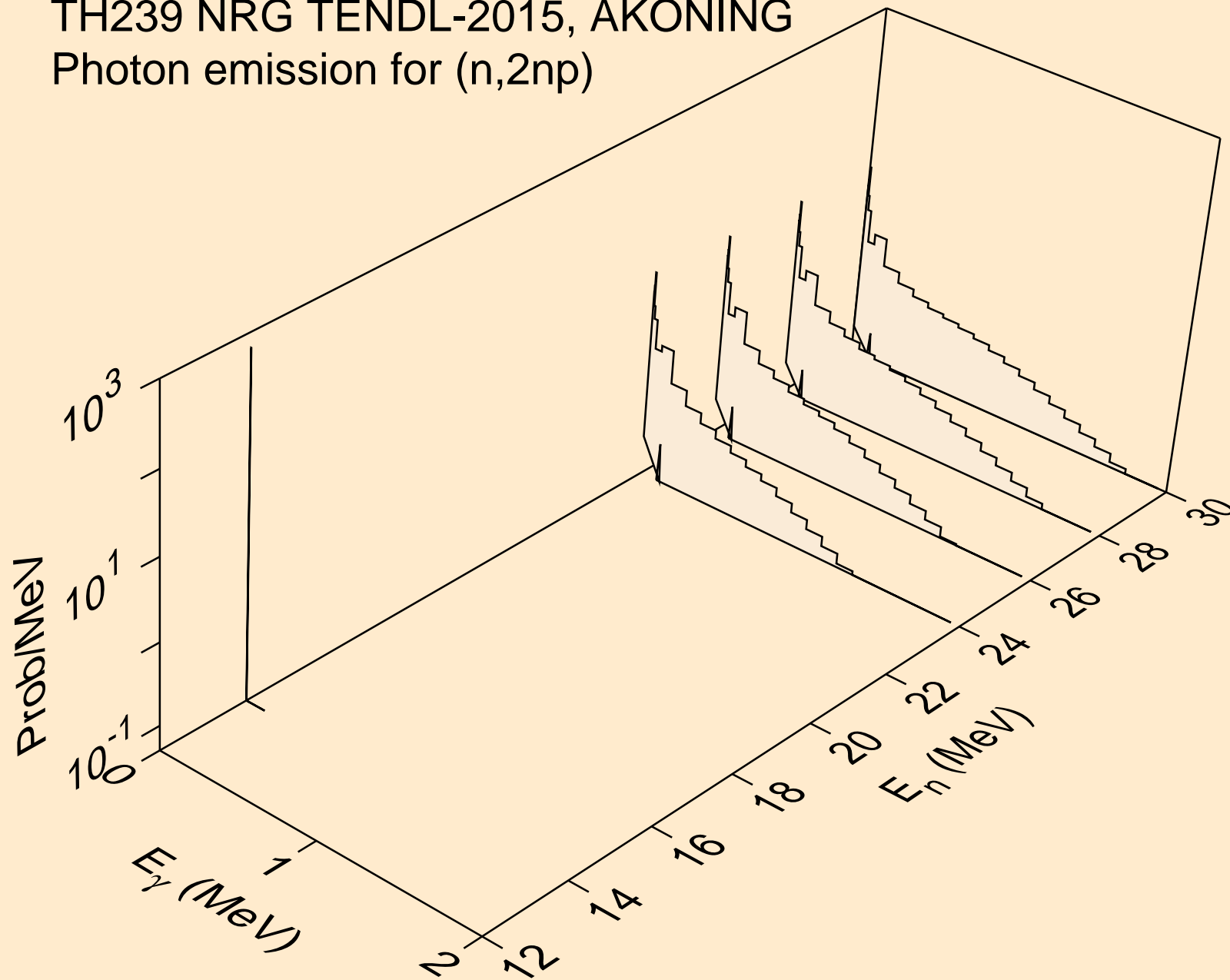




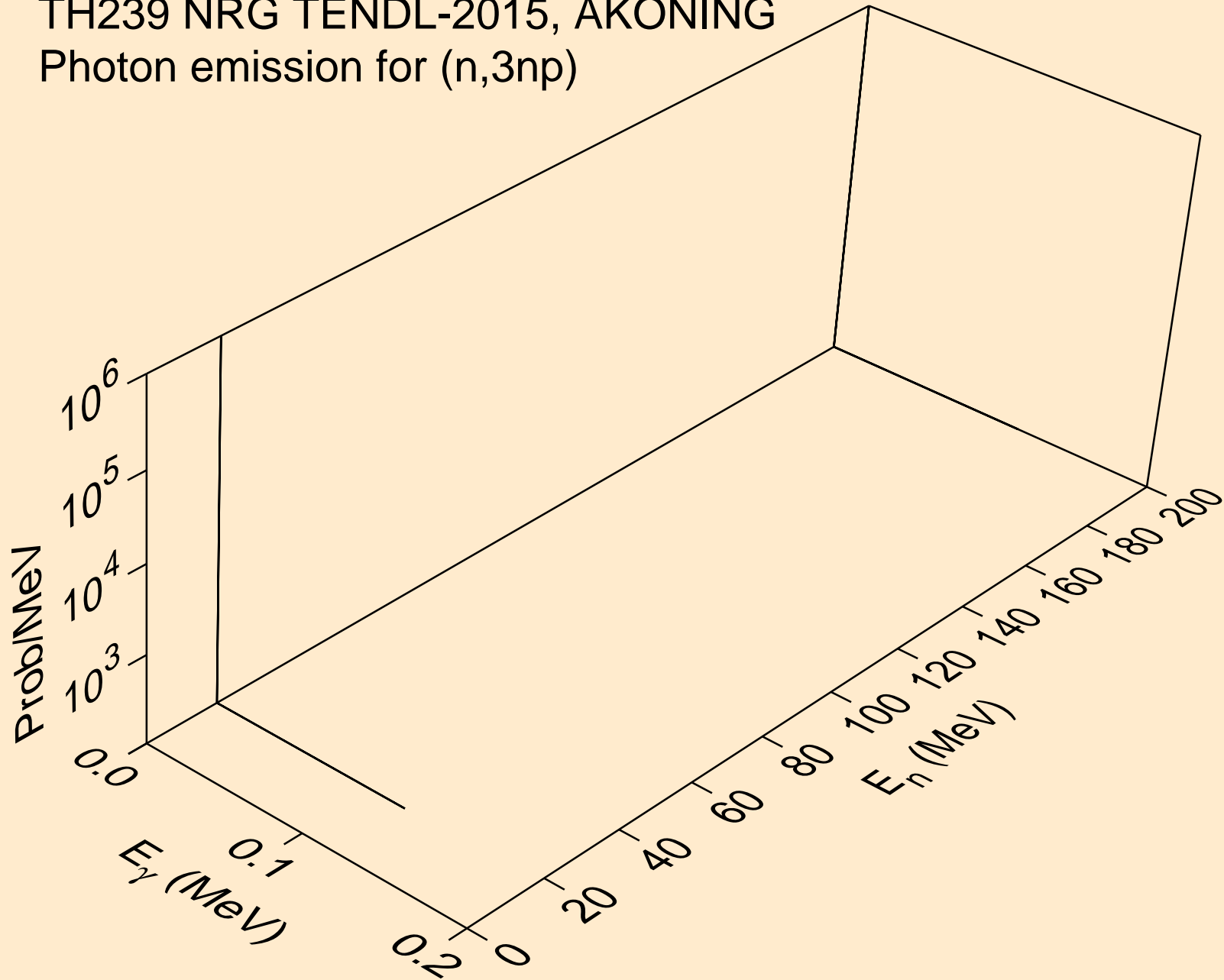
TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



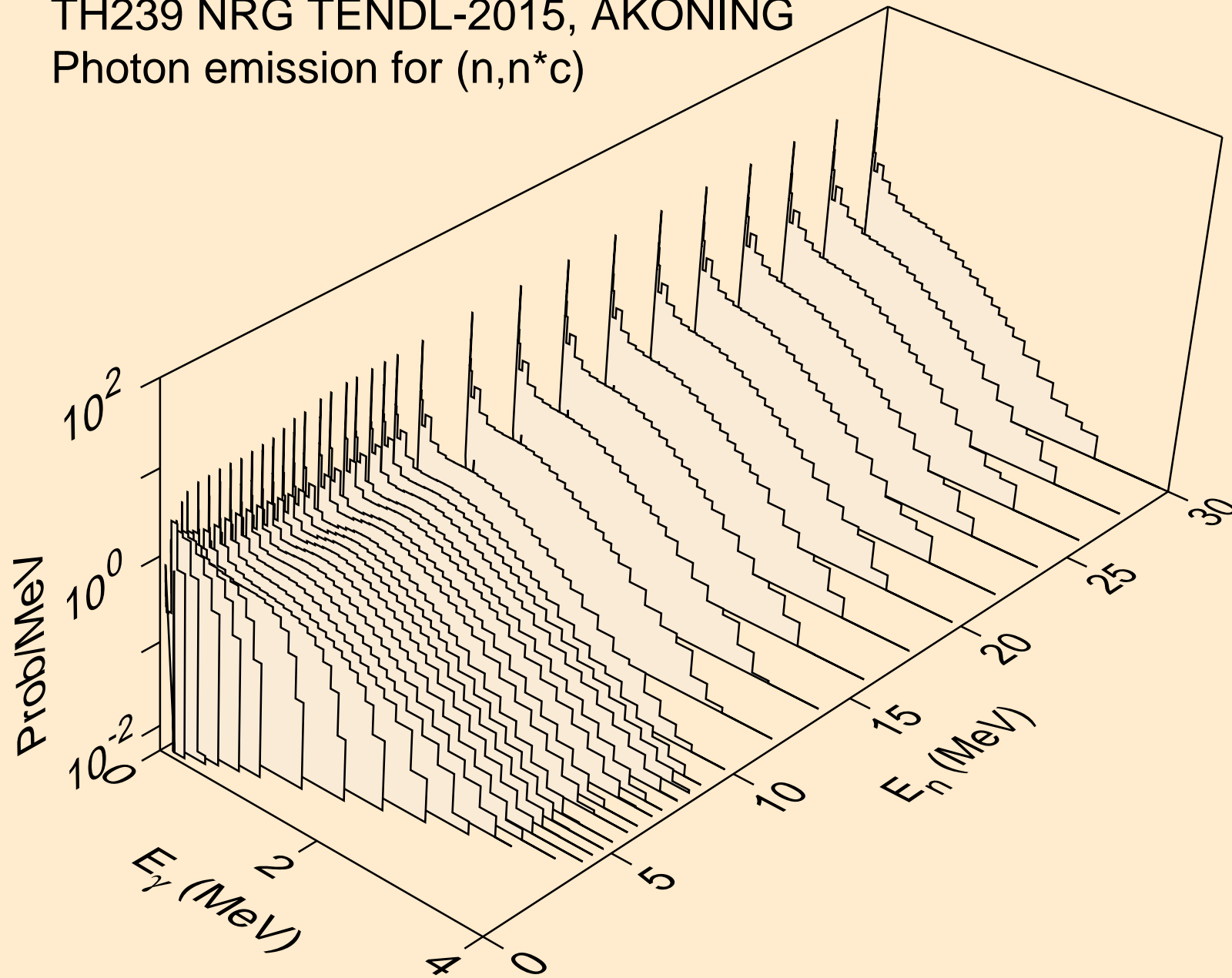
TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



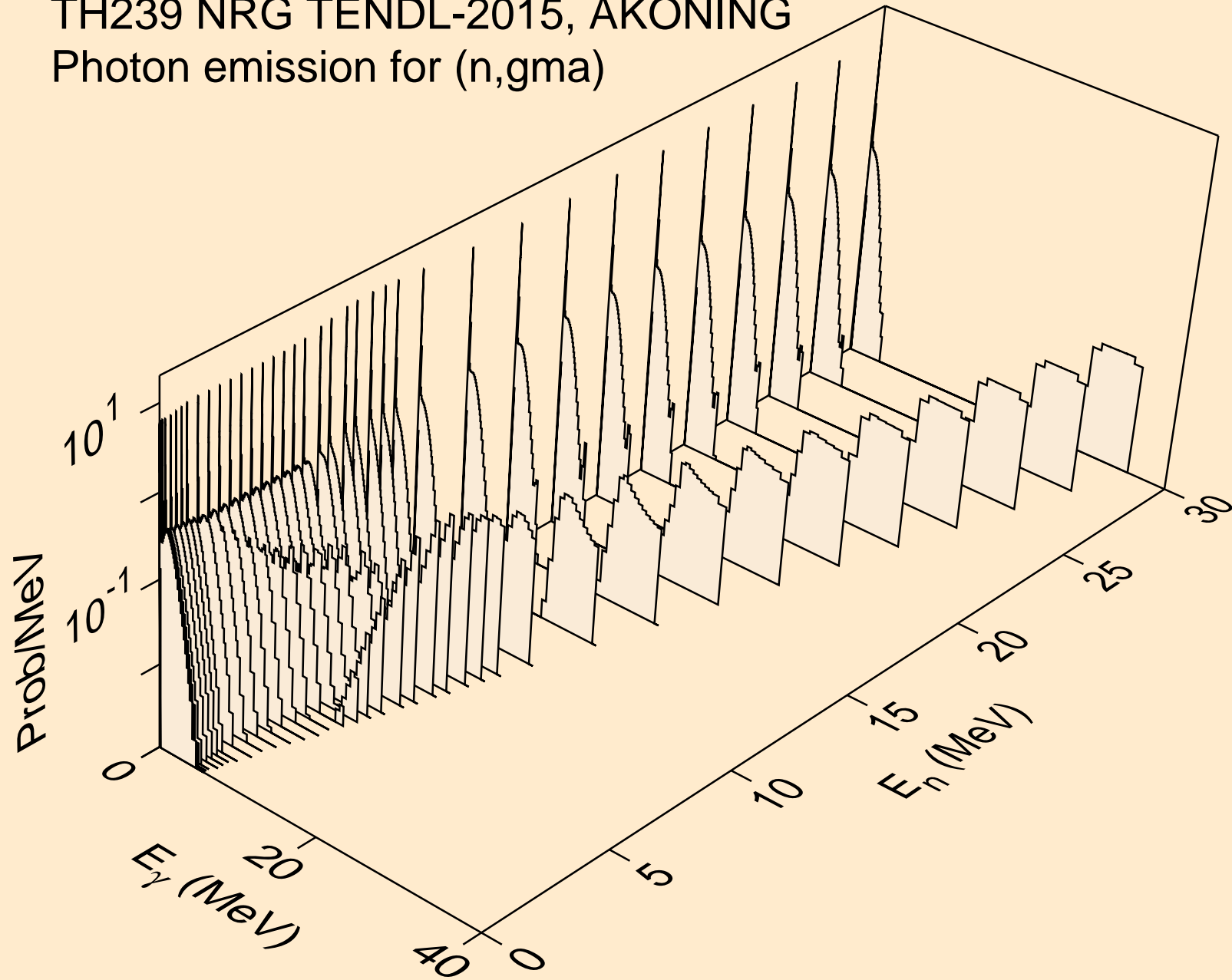
TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



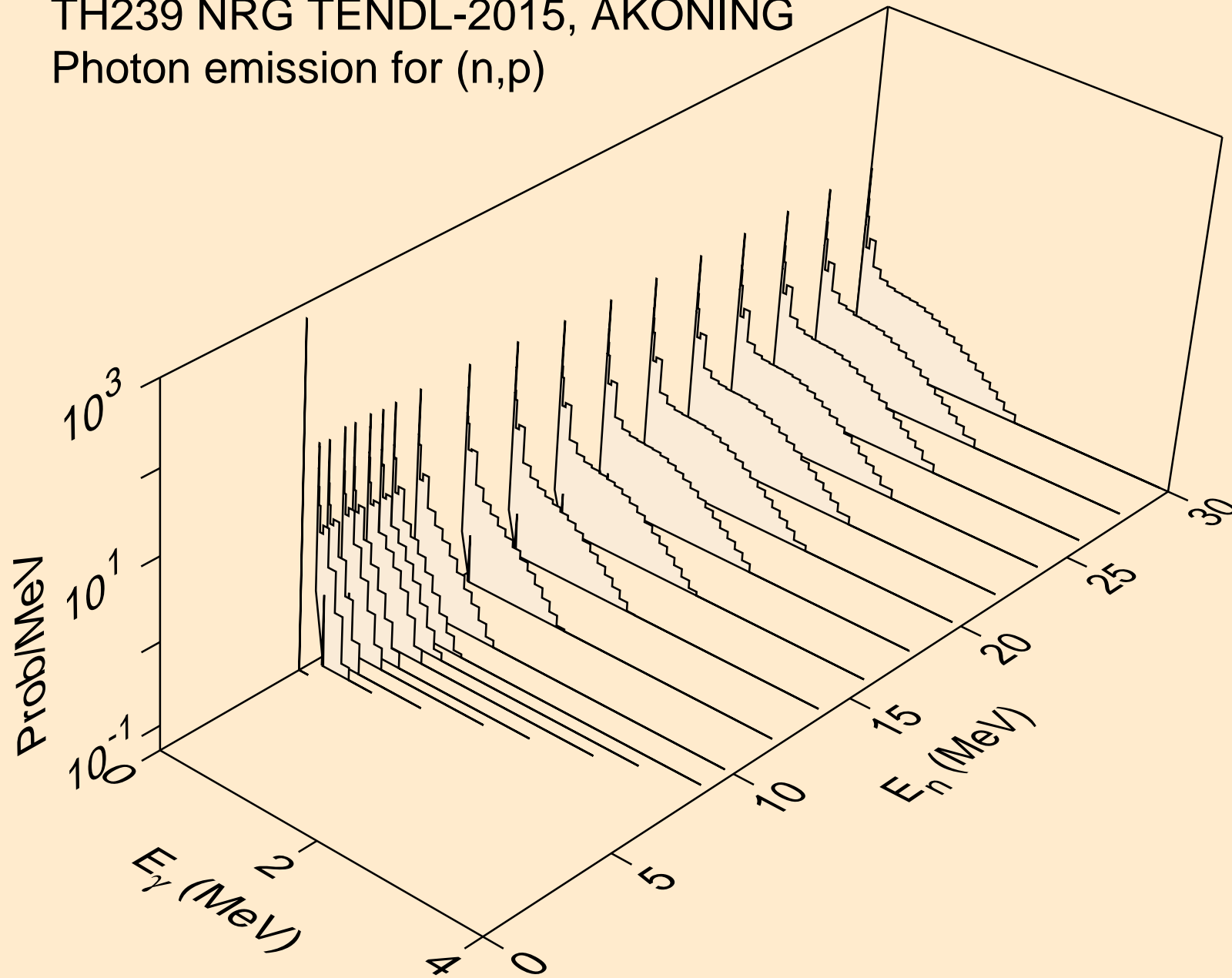
TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



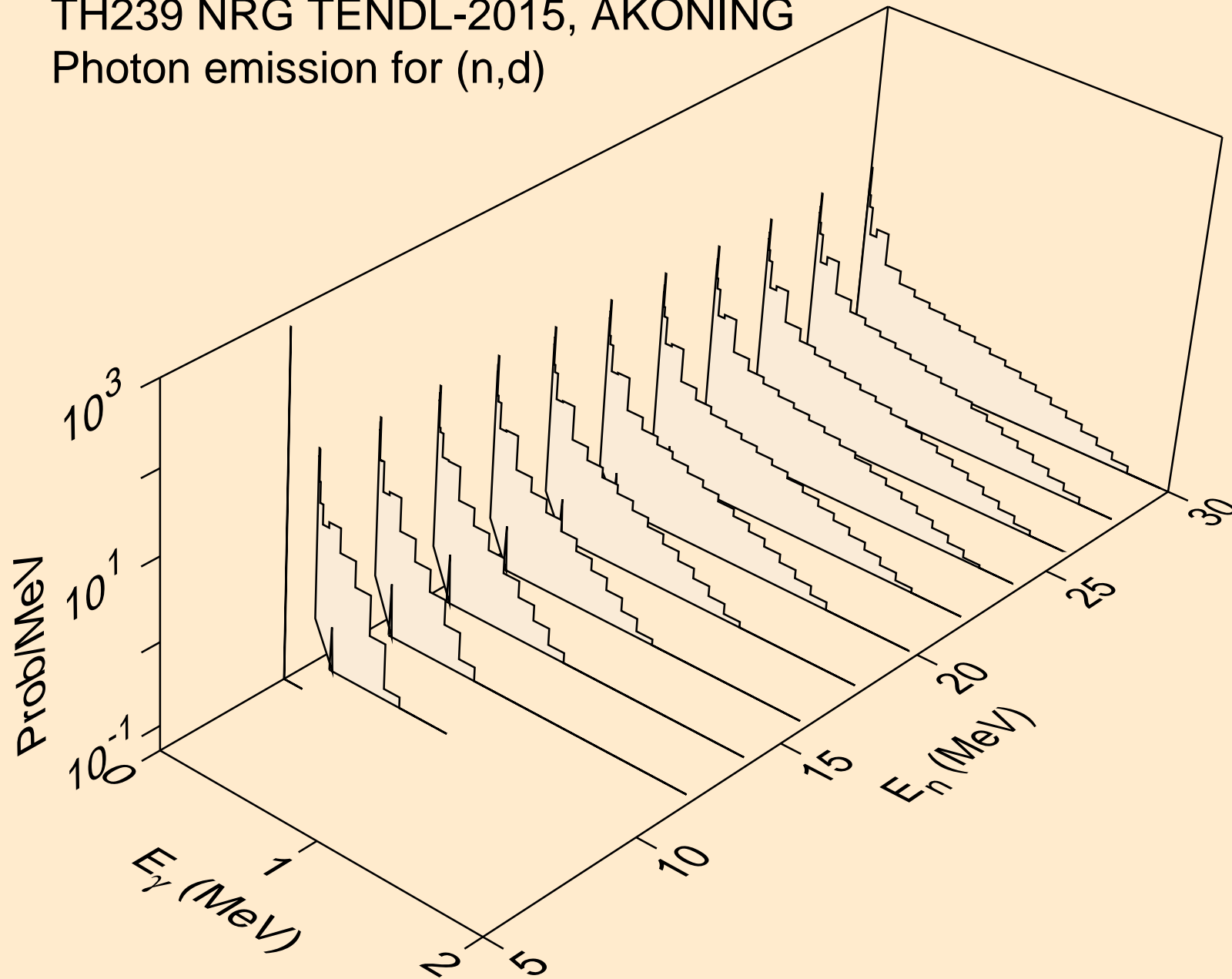
TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



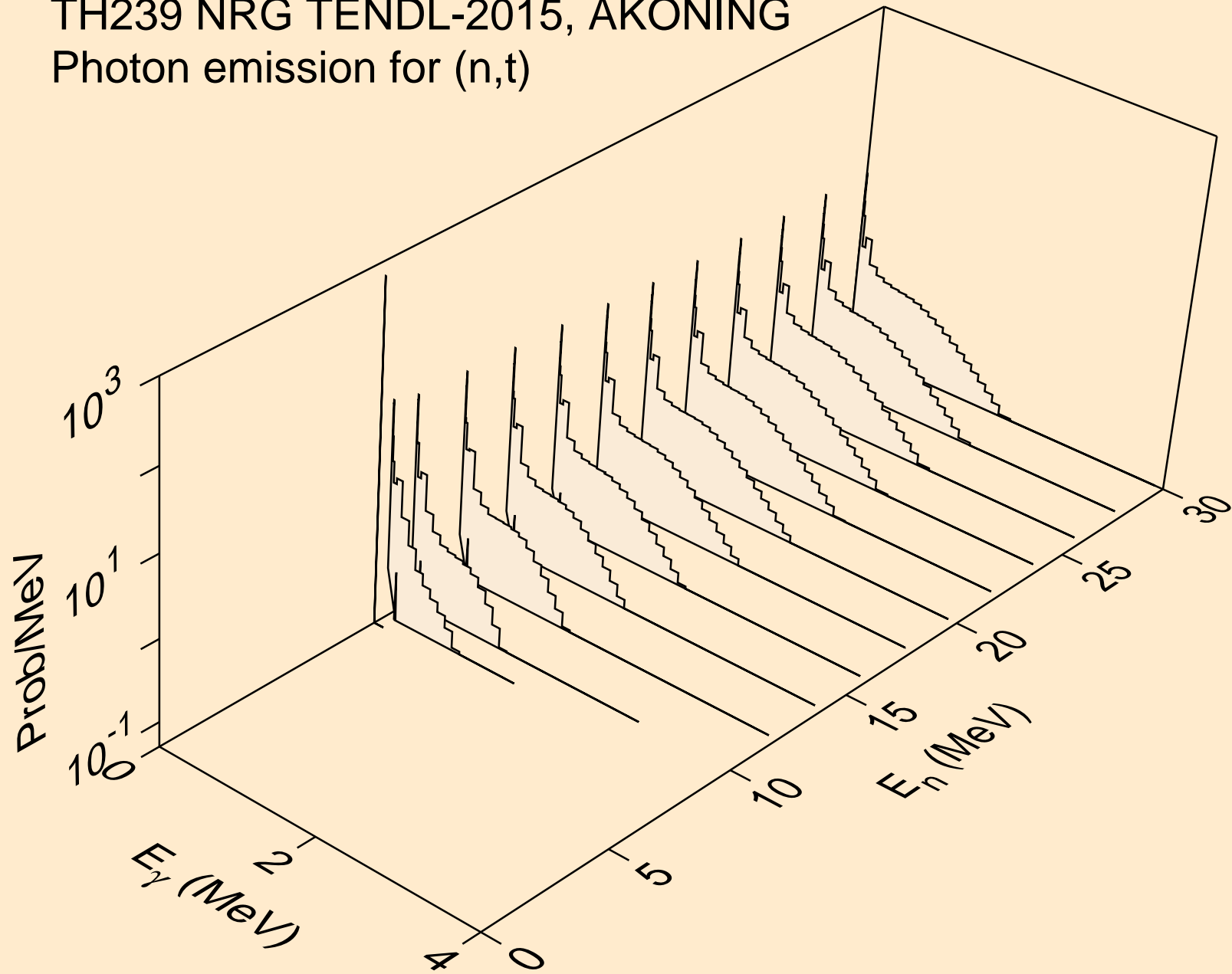
TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

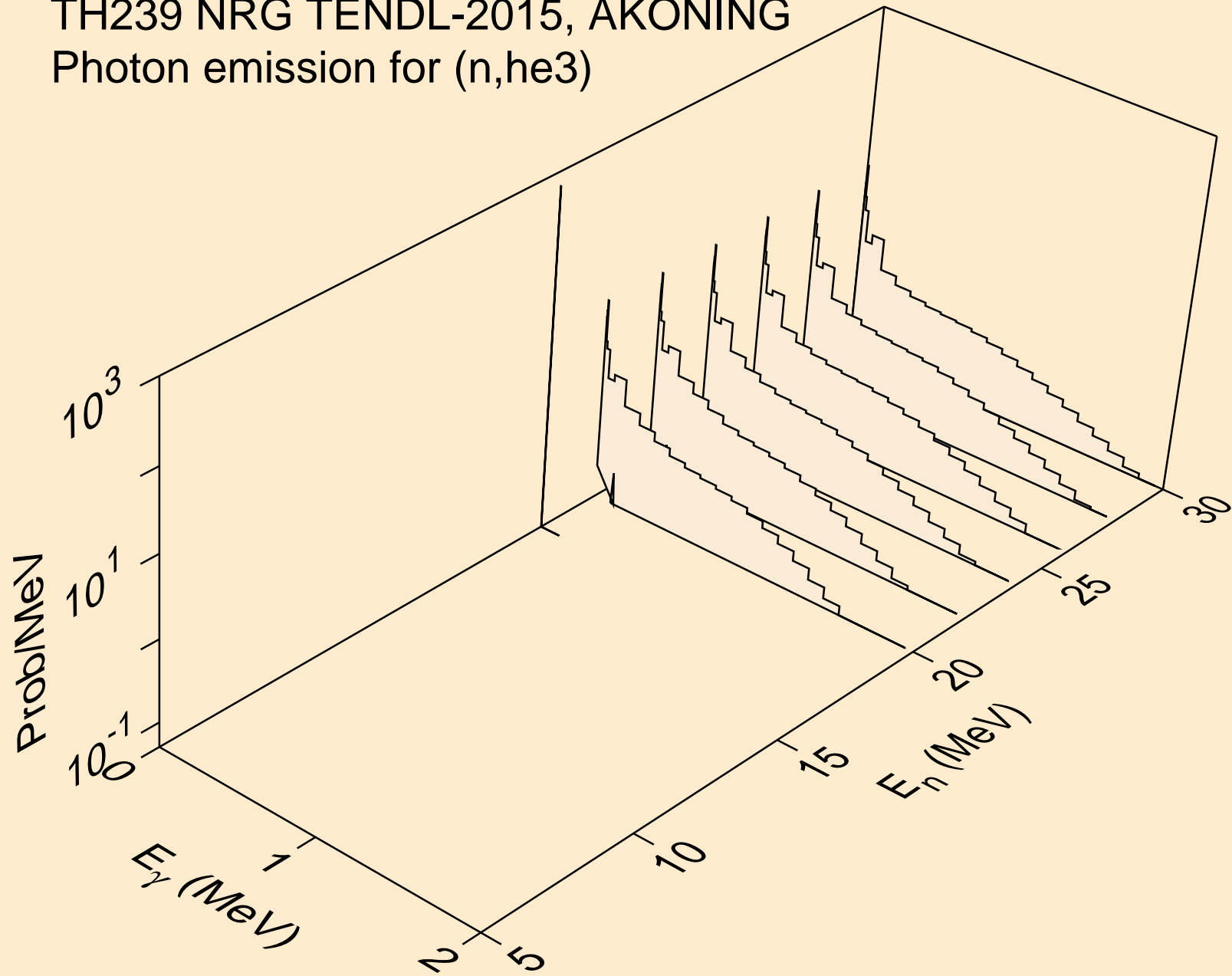


TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

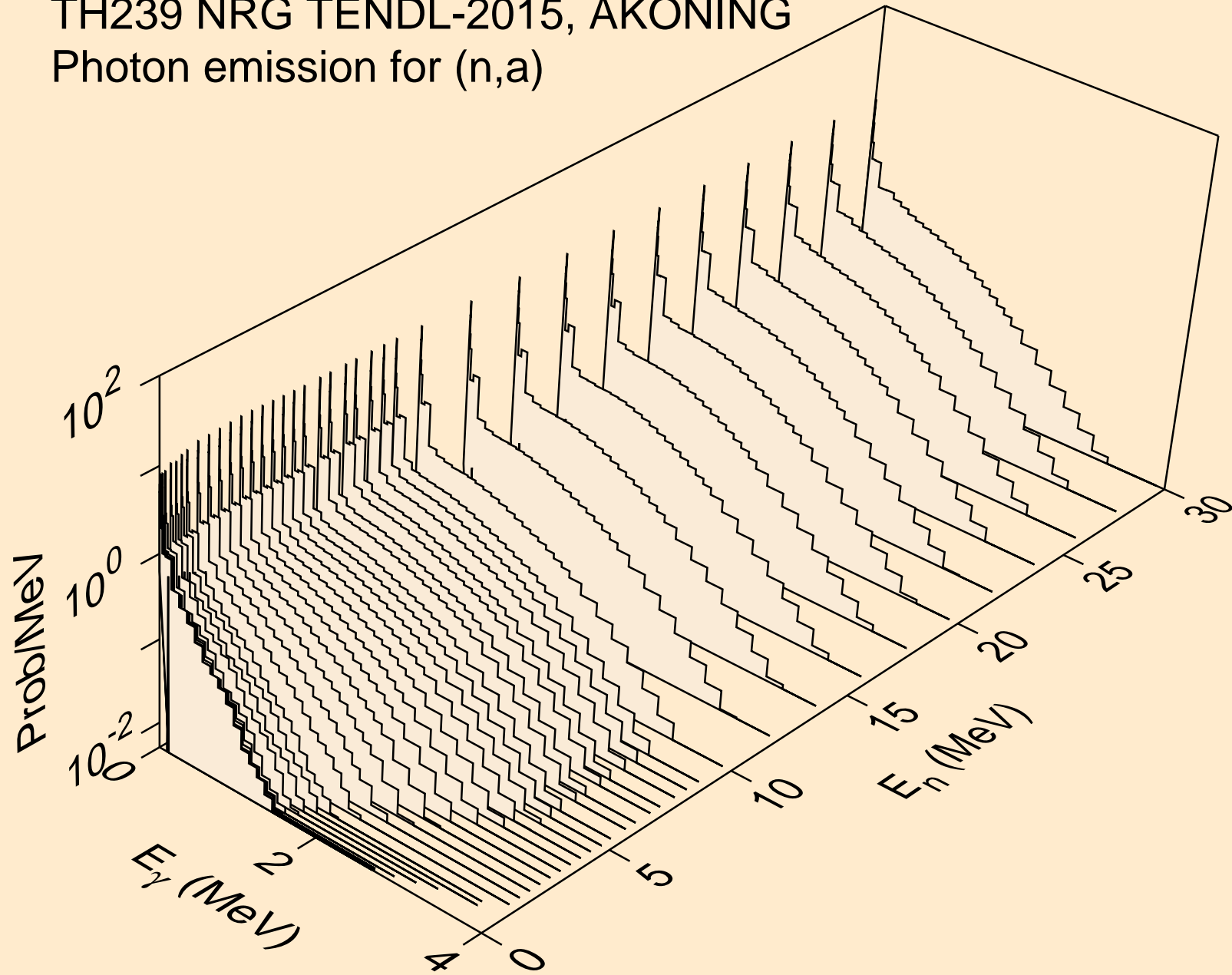




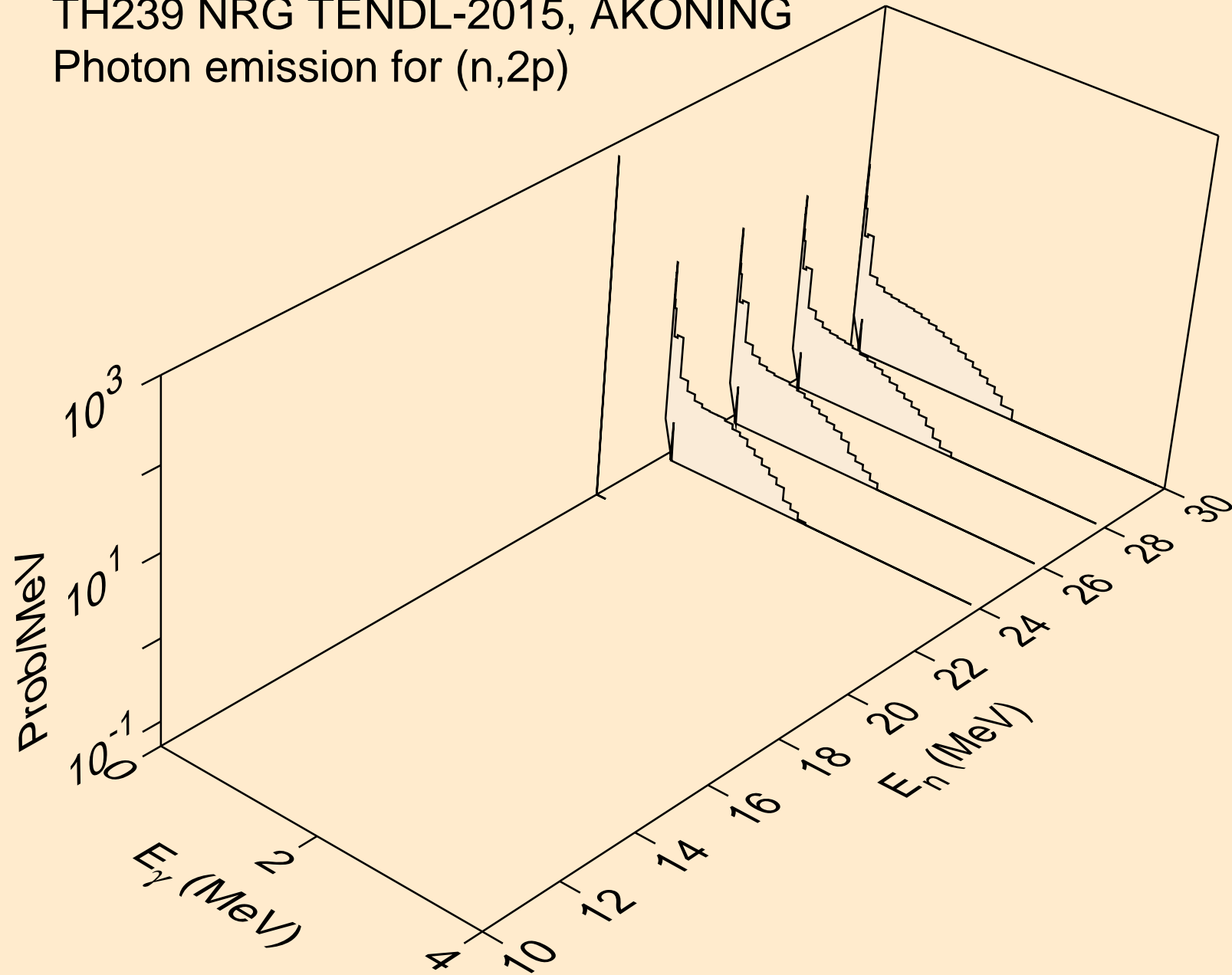
TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



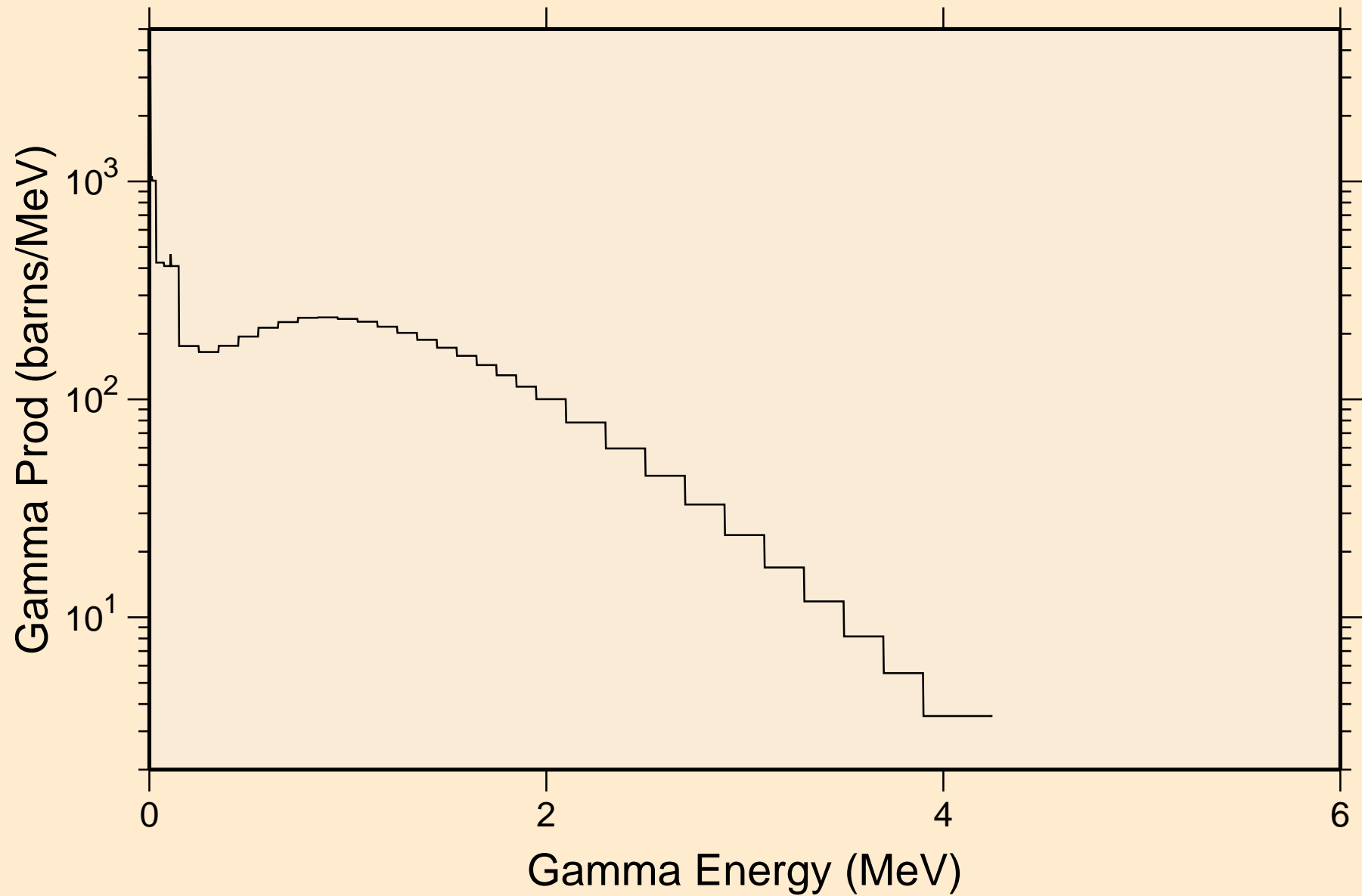
TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



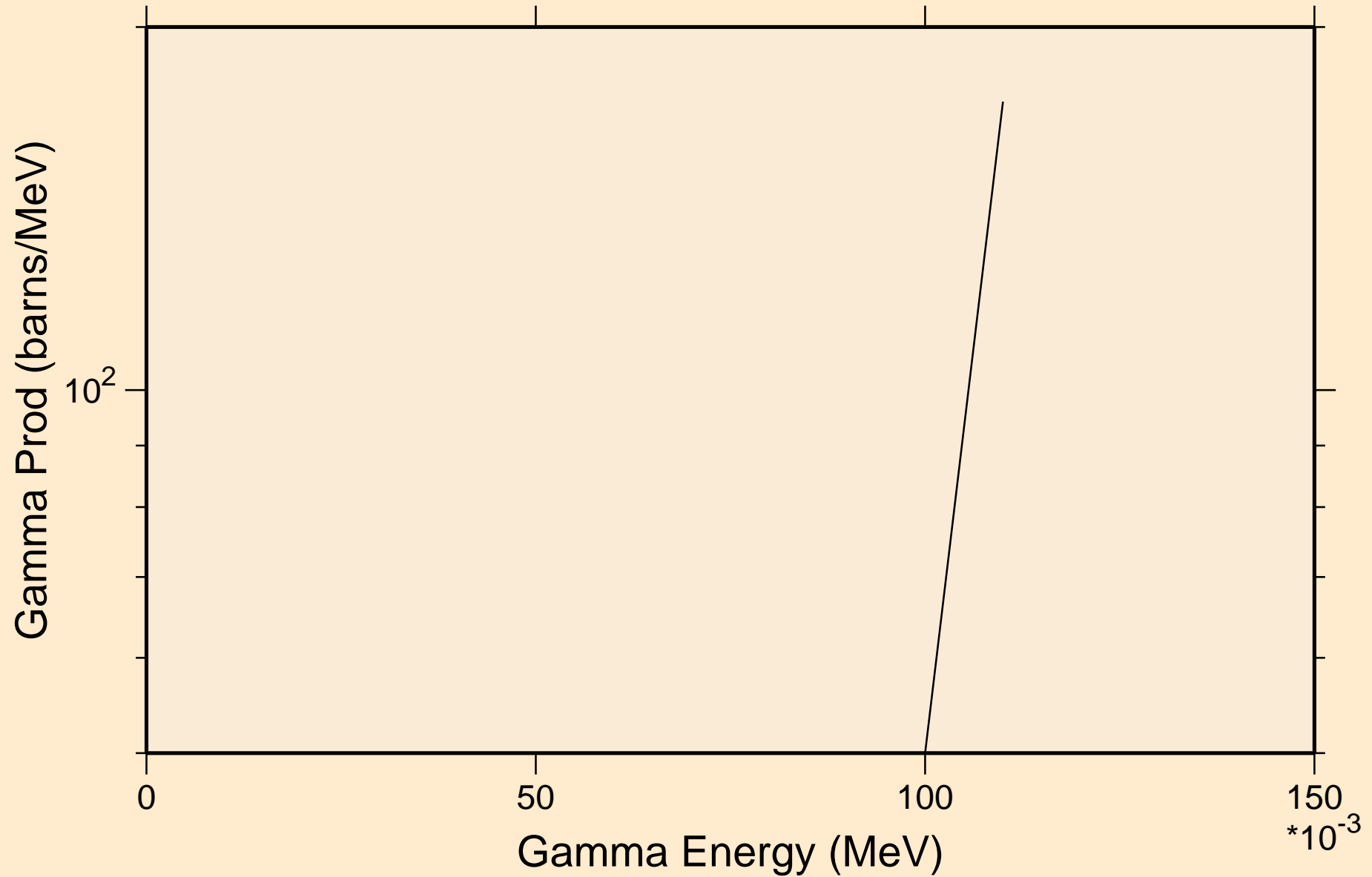
TH239 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



TH239 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

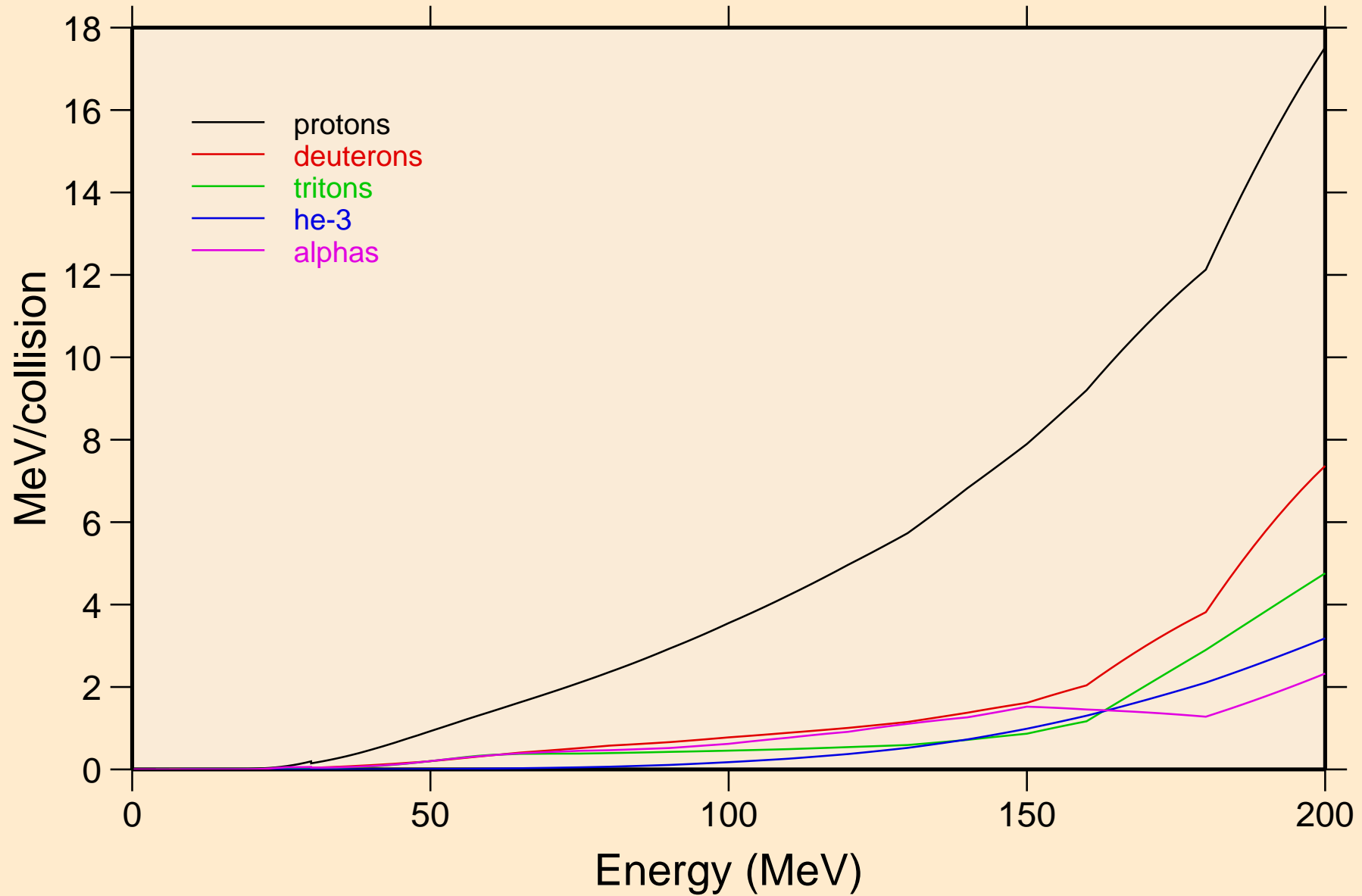


TH239 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



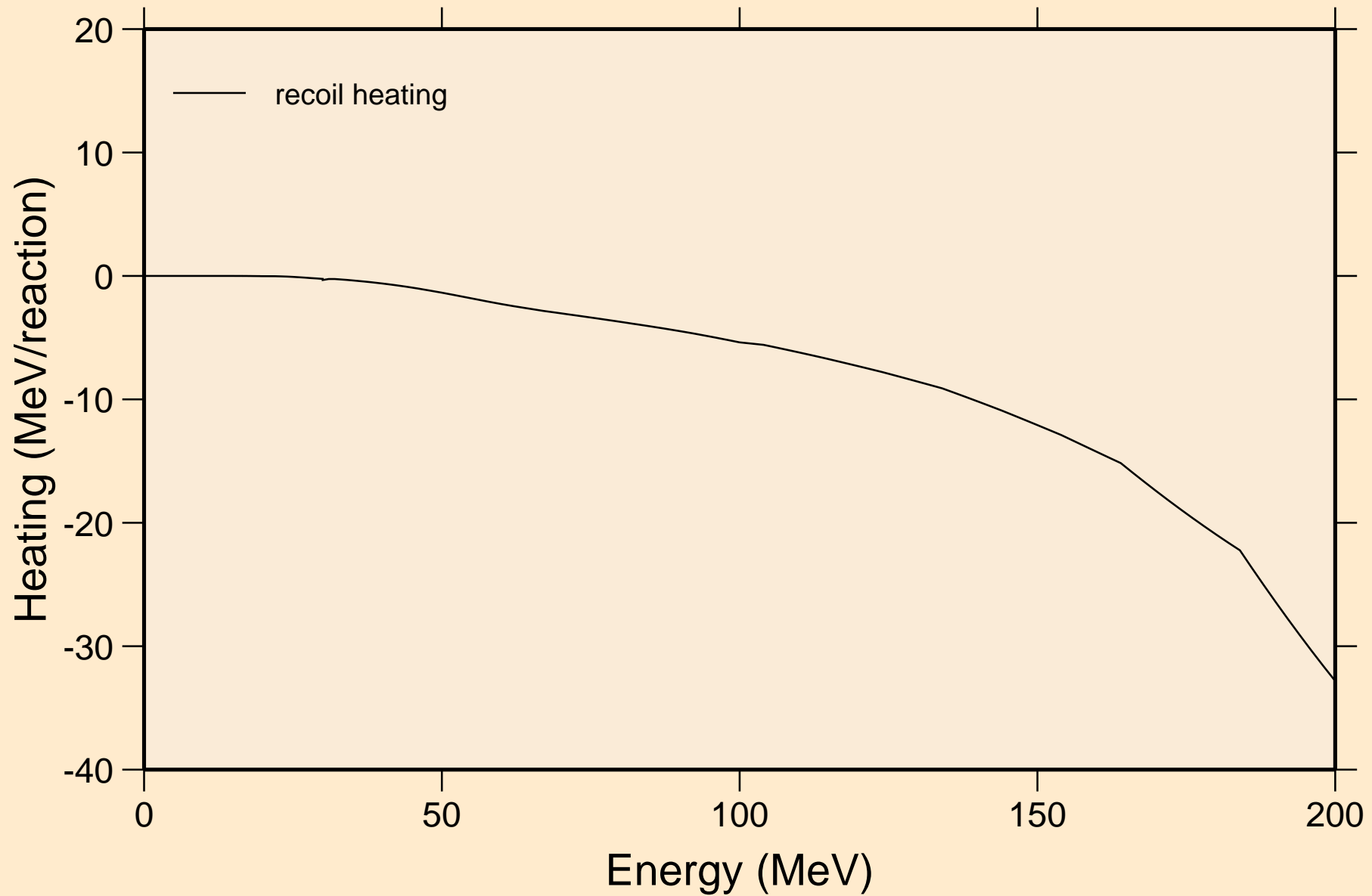
# TH239 NRG TENDL-2015, AKONING

## Particle heating contributions



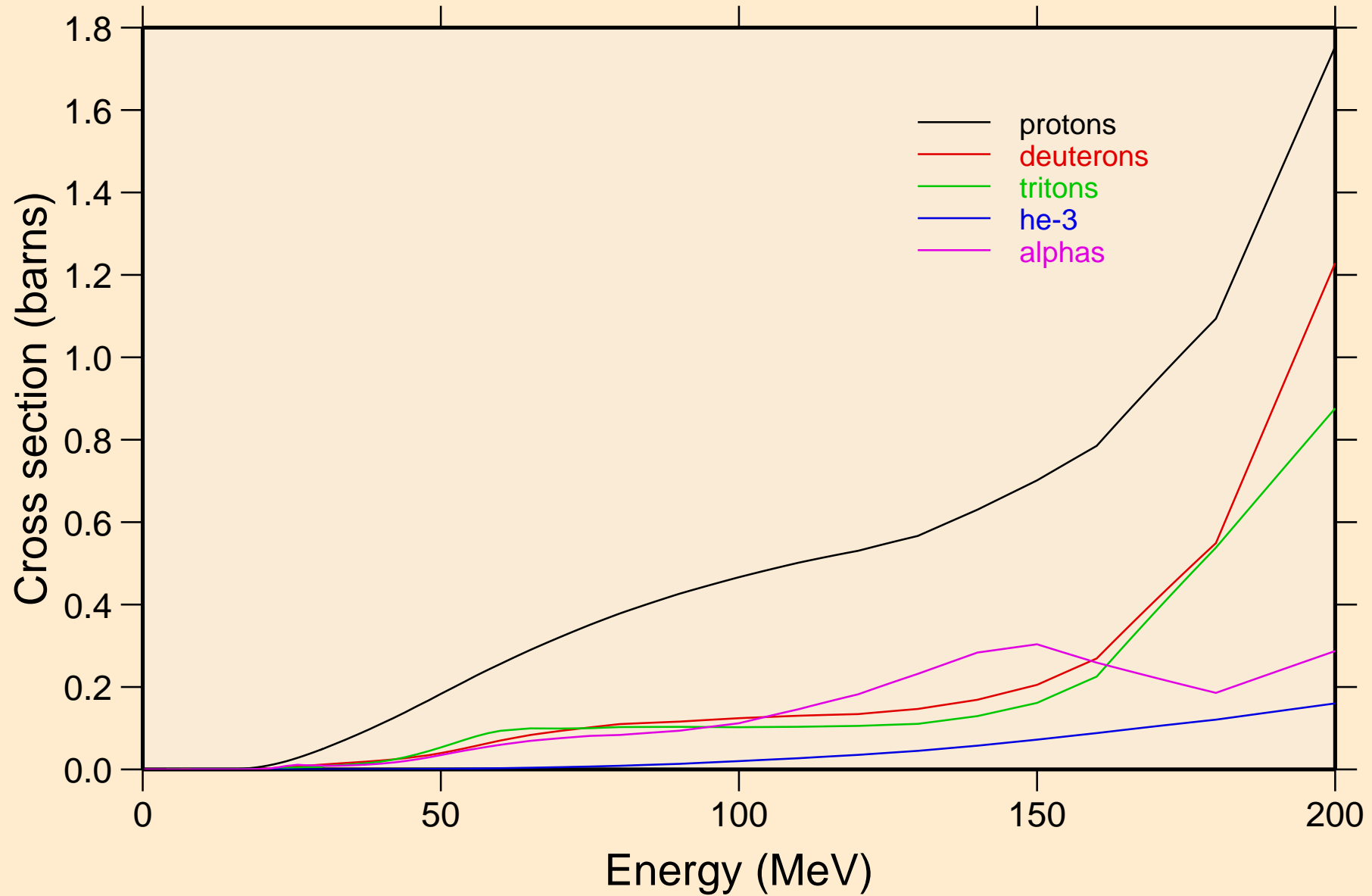
# TH239 NRG TENDL-2015, AKONING

## Recoil Heating



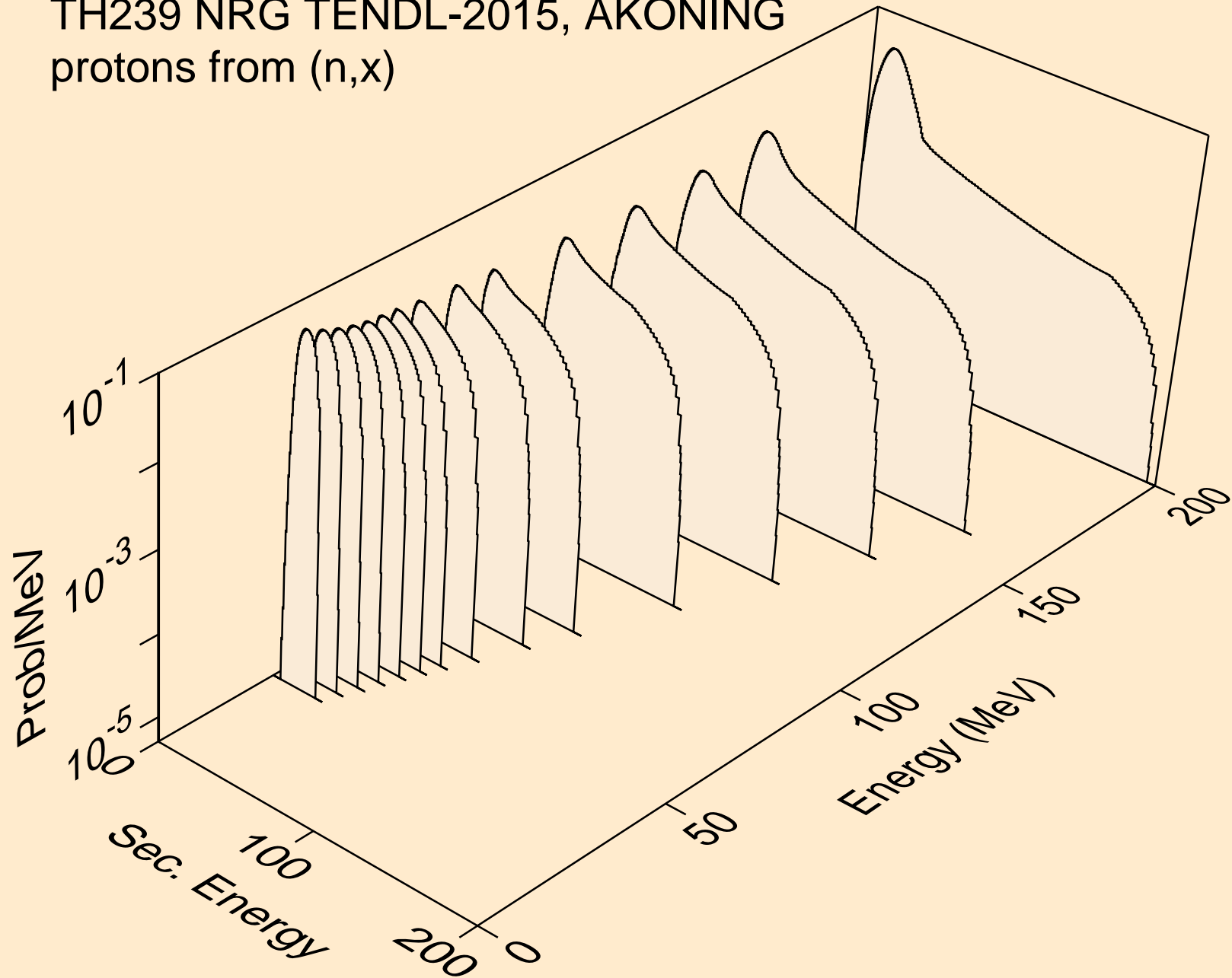
# TH239 NRG TENDL-2015, AKONING

## Particle production cross sections

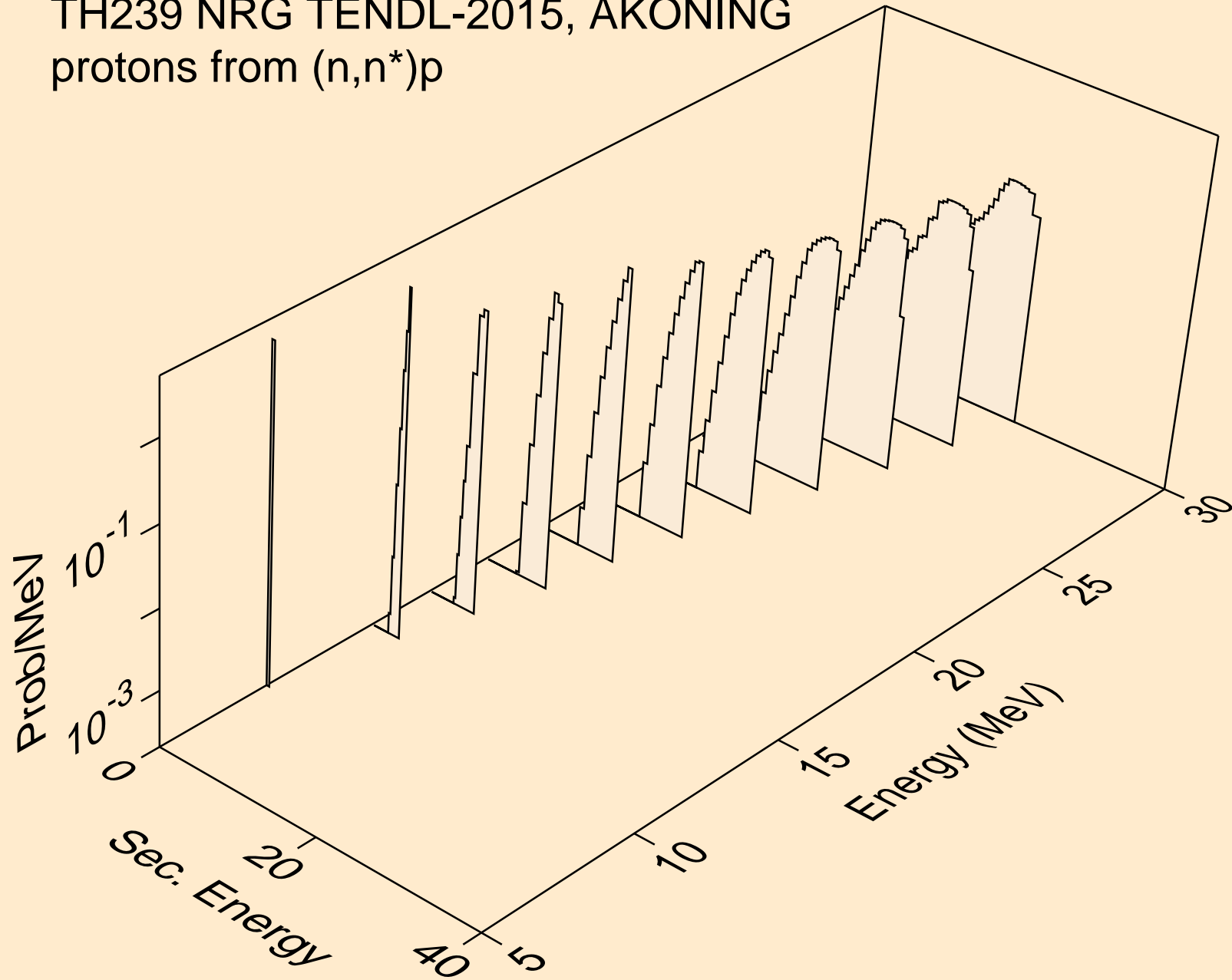




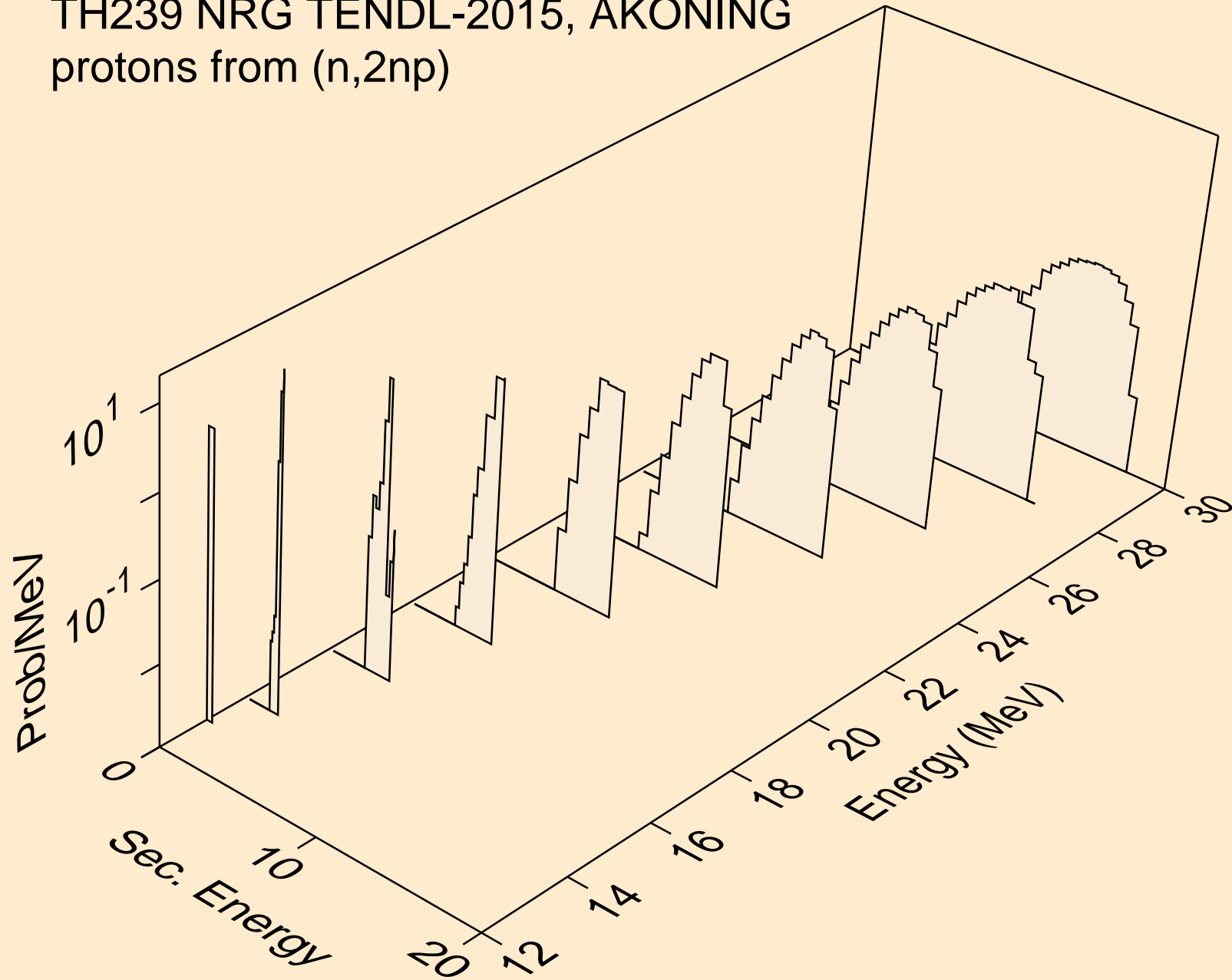
TH239 NRG TENDL-2015, AKONING  
protons from (n,x)



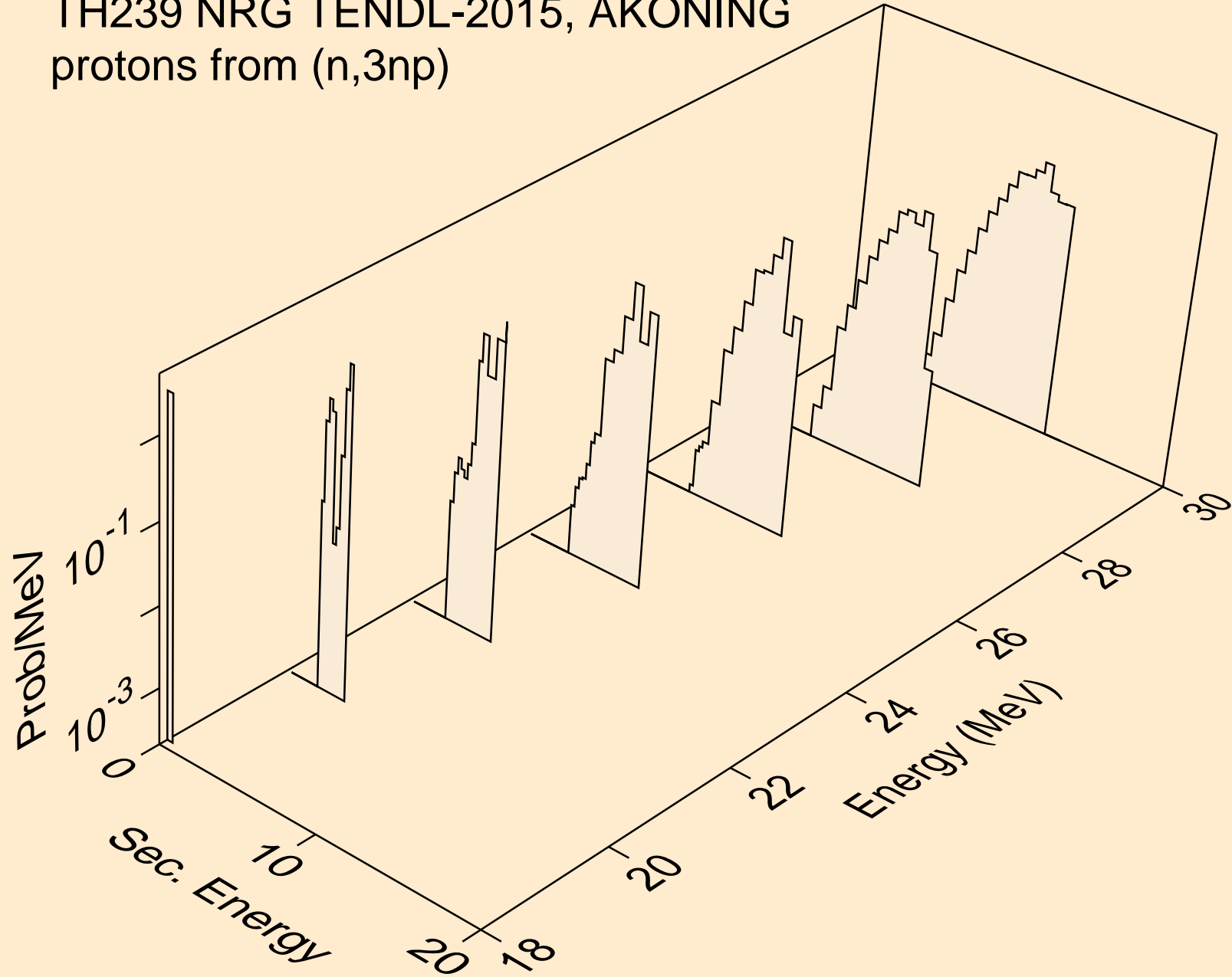
TH239 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



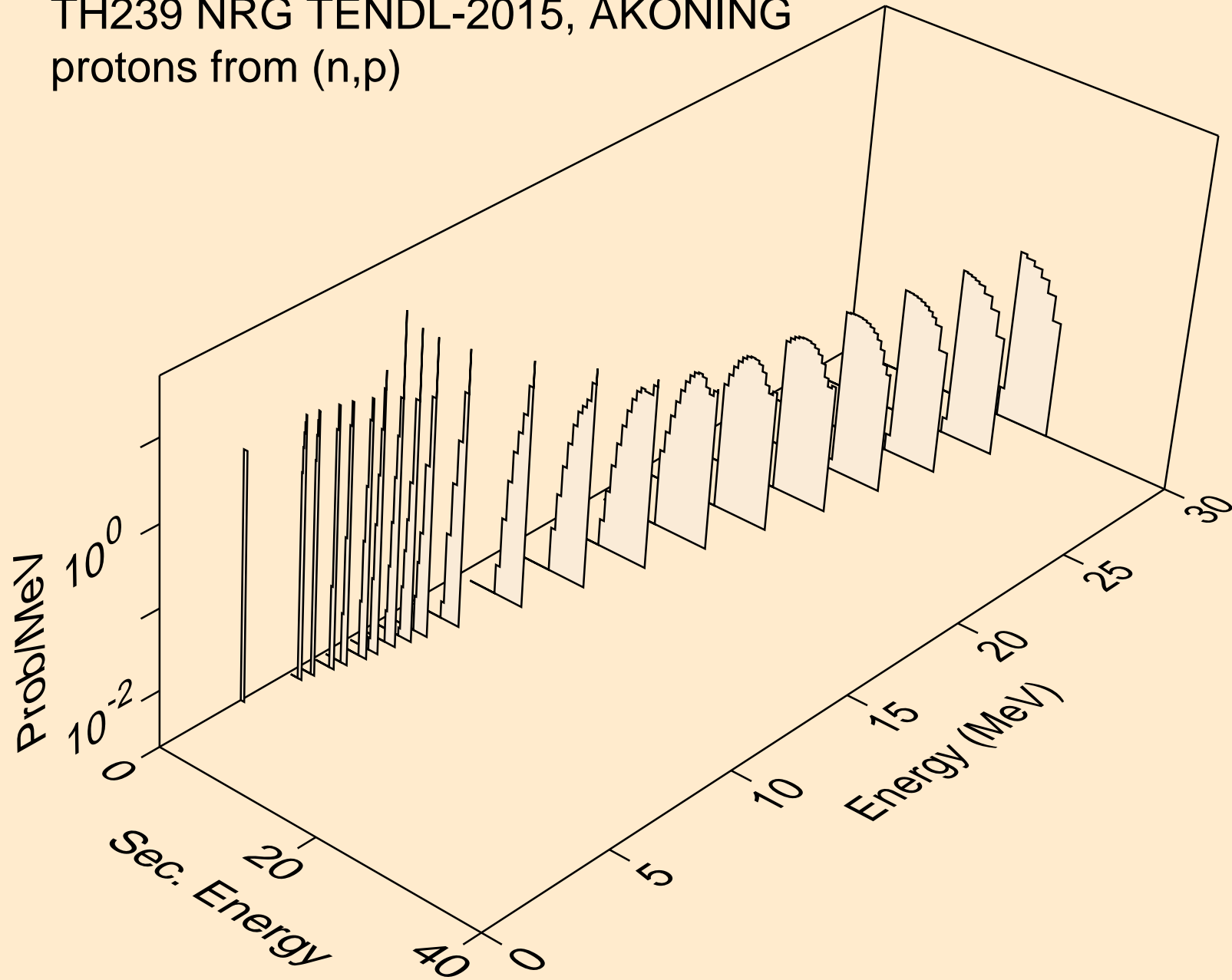
TH239 NRG TENDL-2015, AKONING  
protons from (n,2np)



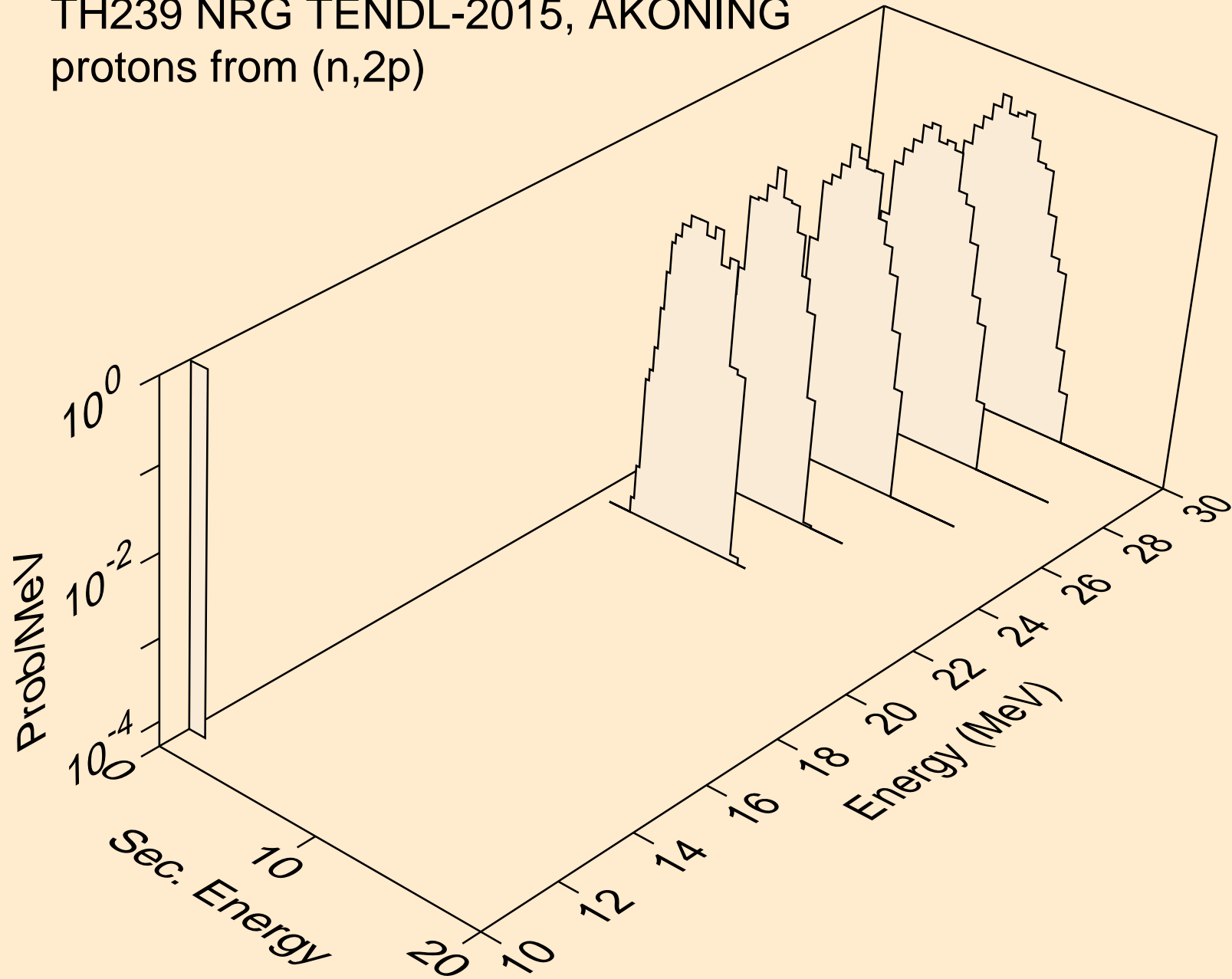
TH239 NRG TENDL-2015, AKONING  
protons from (n,3np)



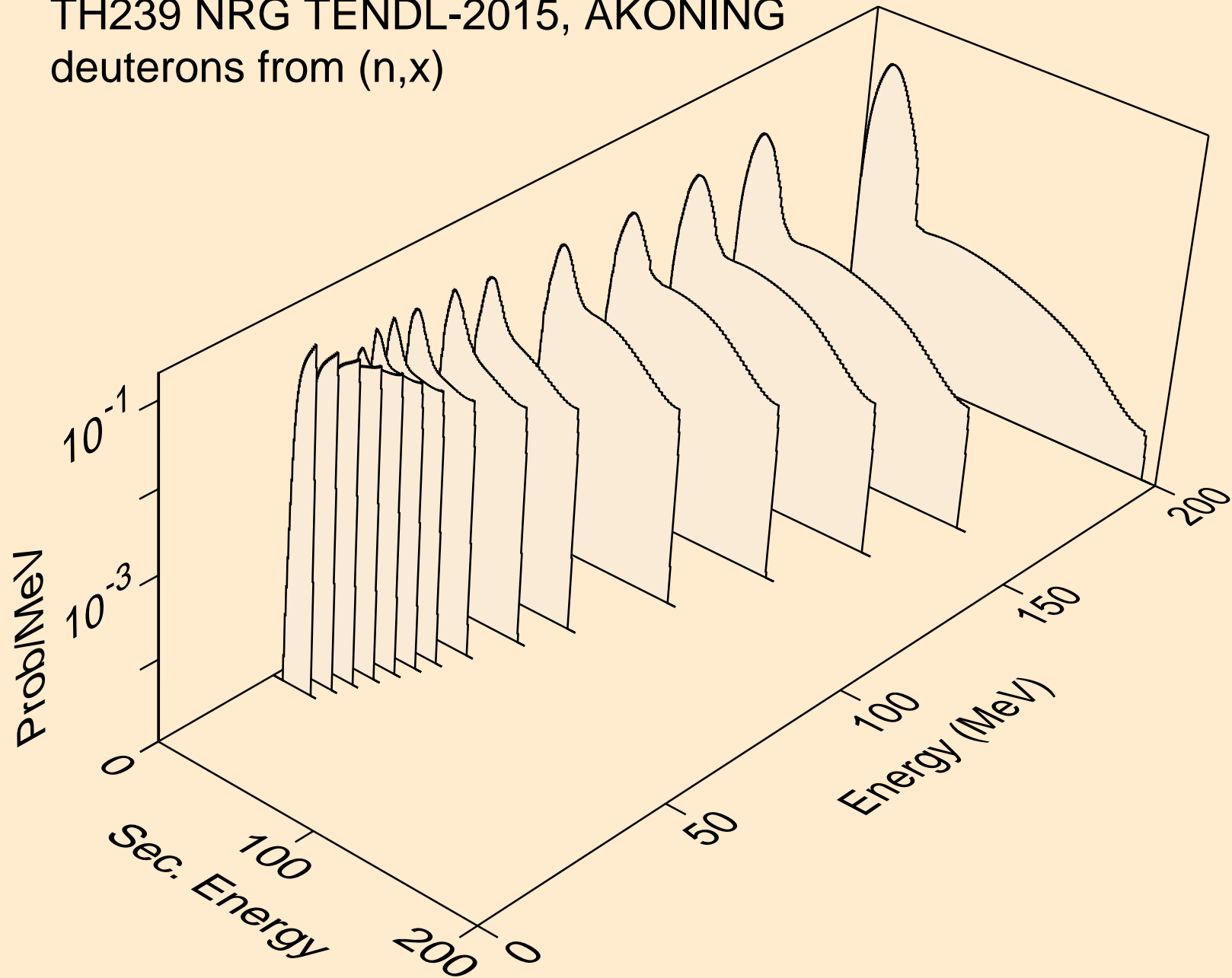
TH239 NRG TENDL-2015, AKONING  
protons from (n,p)



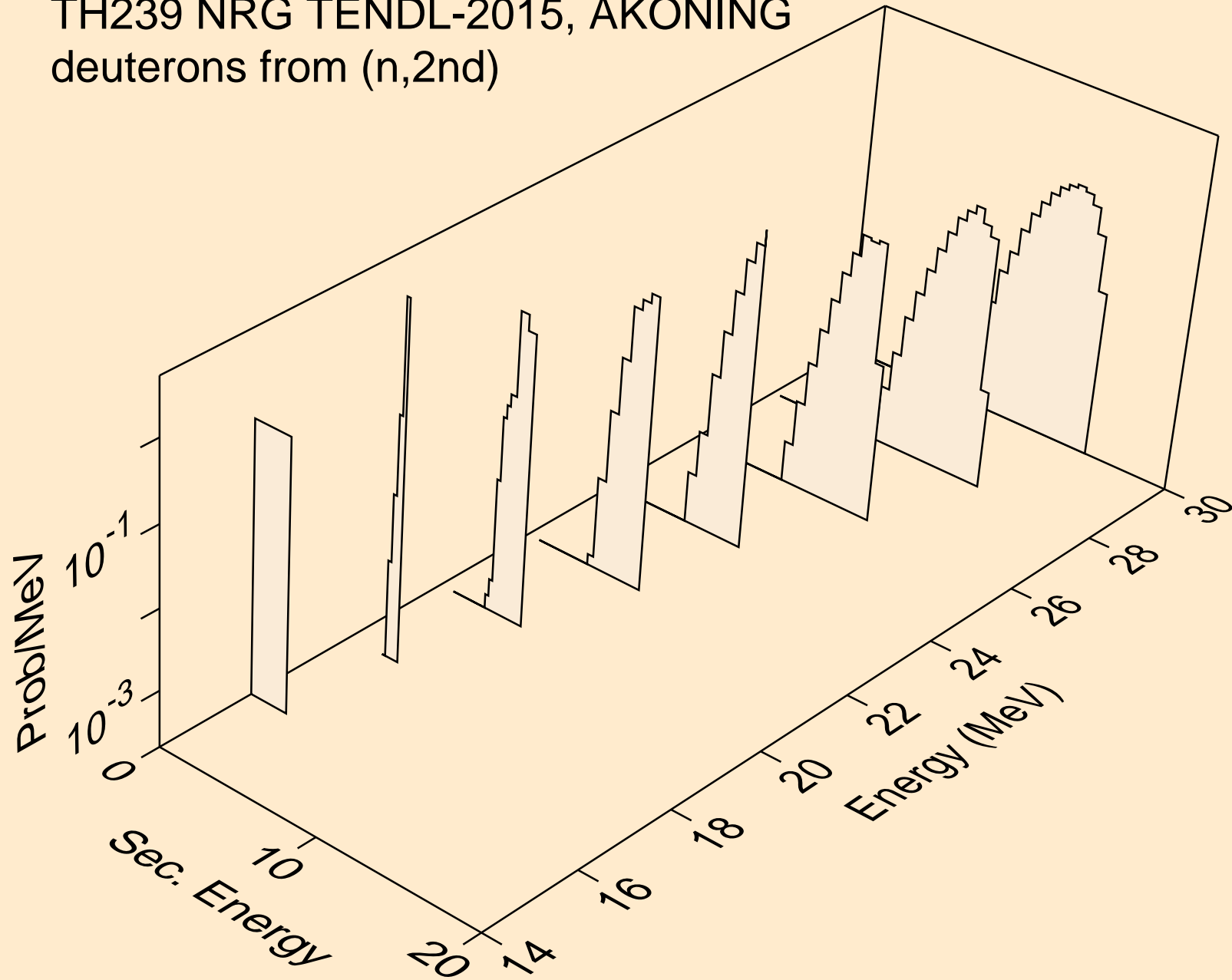
TH239 NRG TENDL-2015, AKONING  
protons from (n,2p)



TH239 NRG TENDL-2015, AKONING  
deuterons from (n,x)

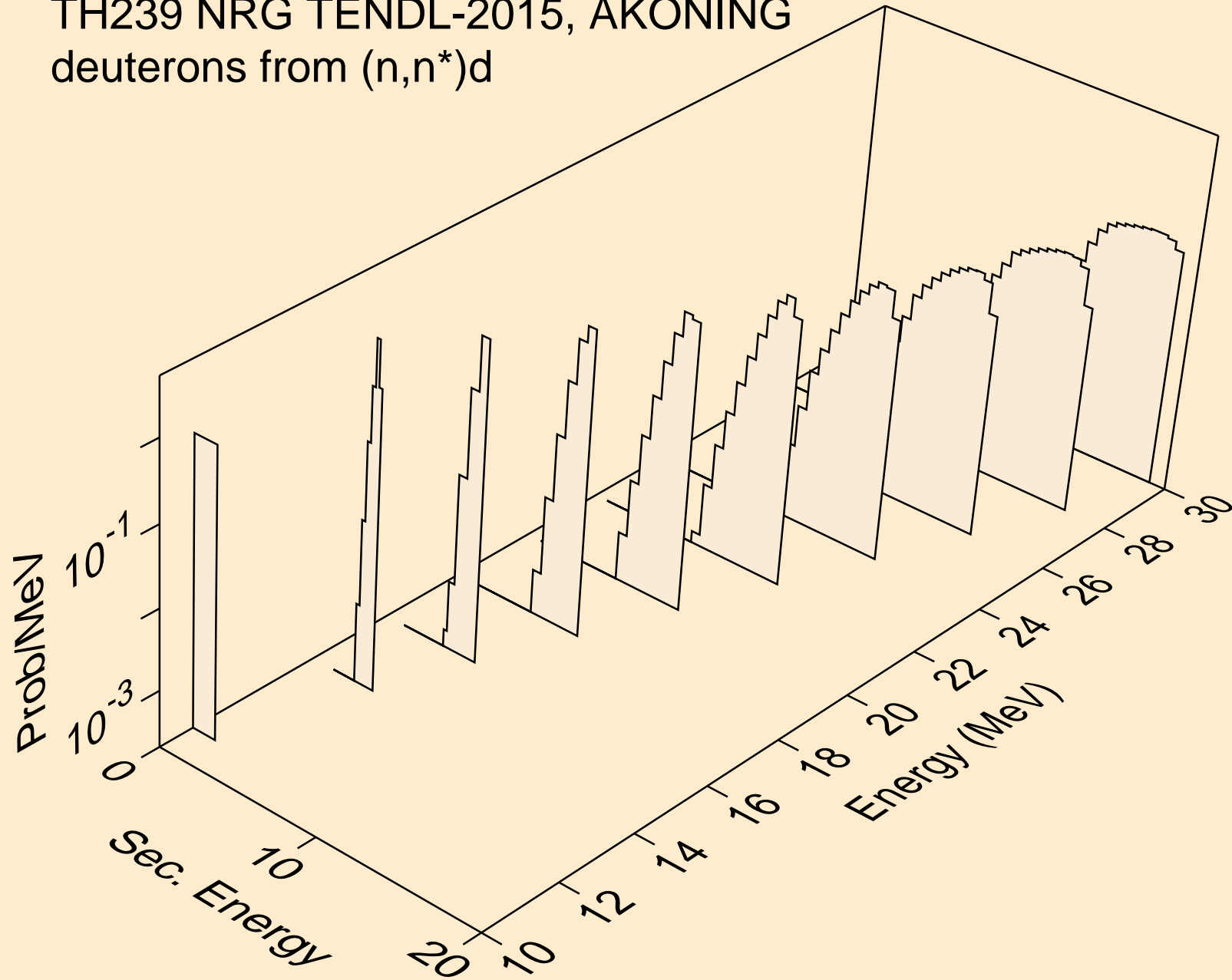


TH239 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

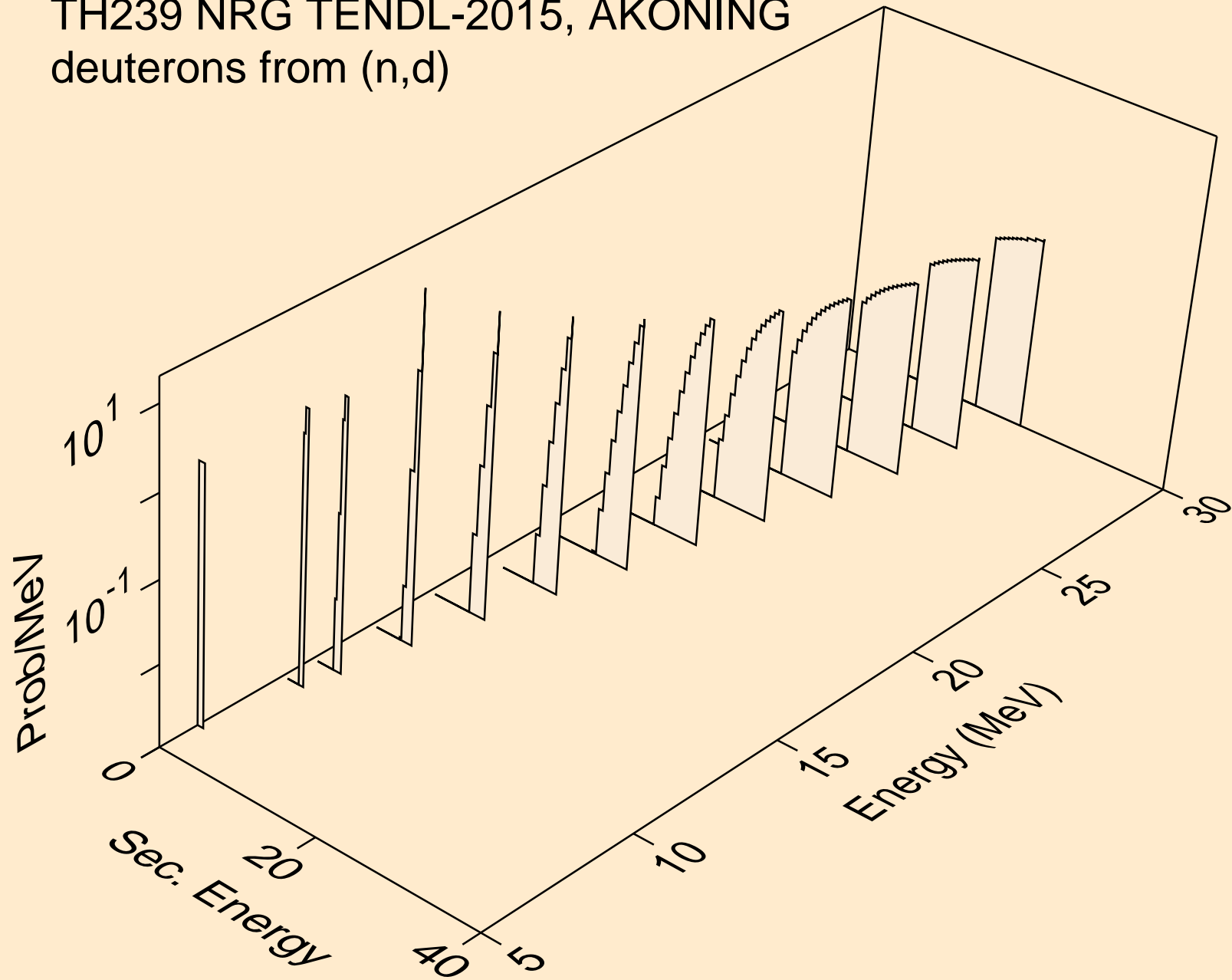




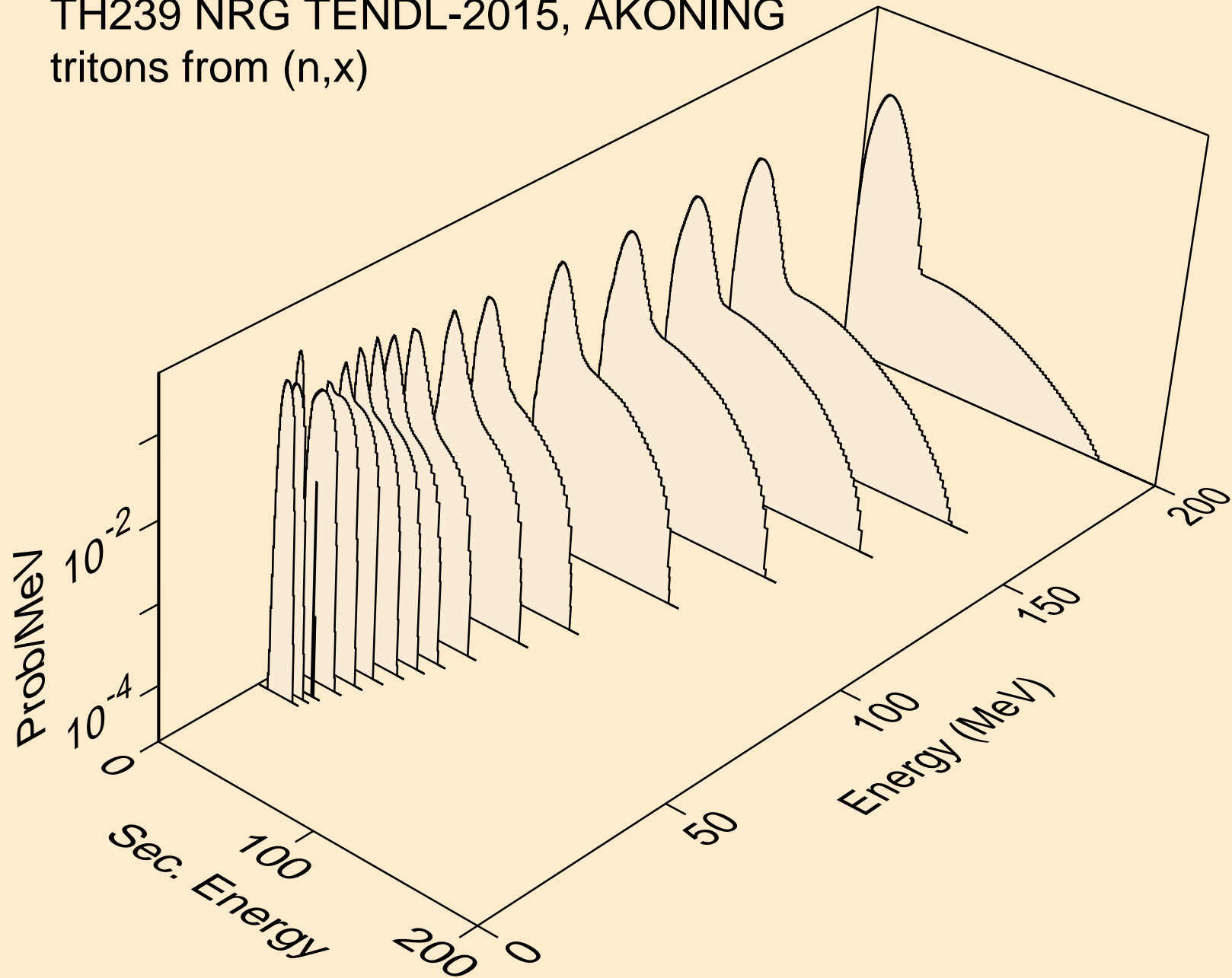
TH239 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



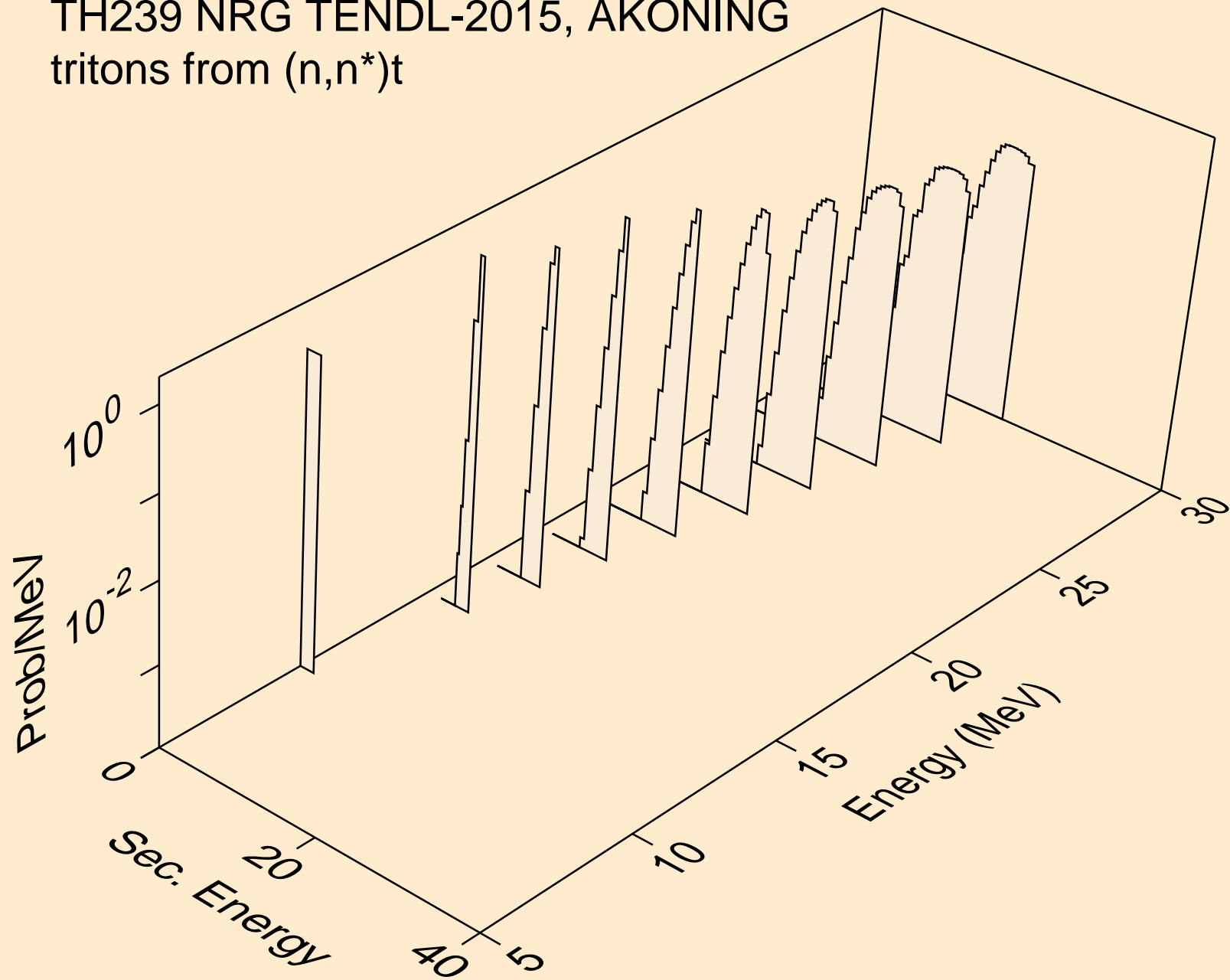
TH239 NRG TENDL-2015, AKONING  
deuterons from (n,d)



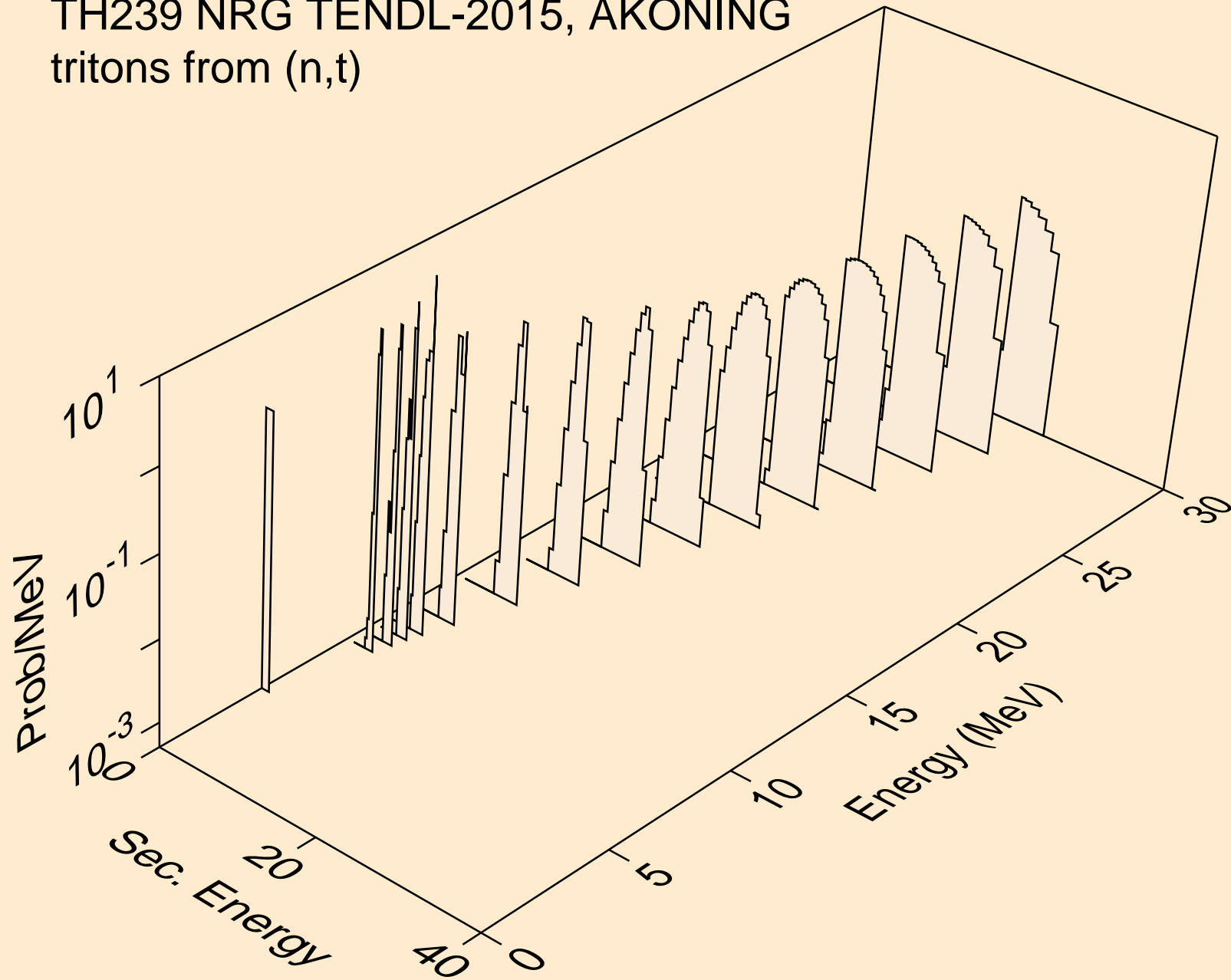
TH239 NRG TENDL-2015, AKONING  
tritons from (n,x)



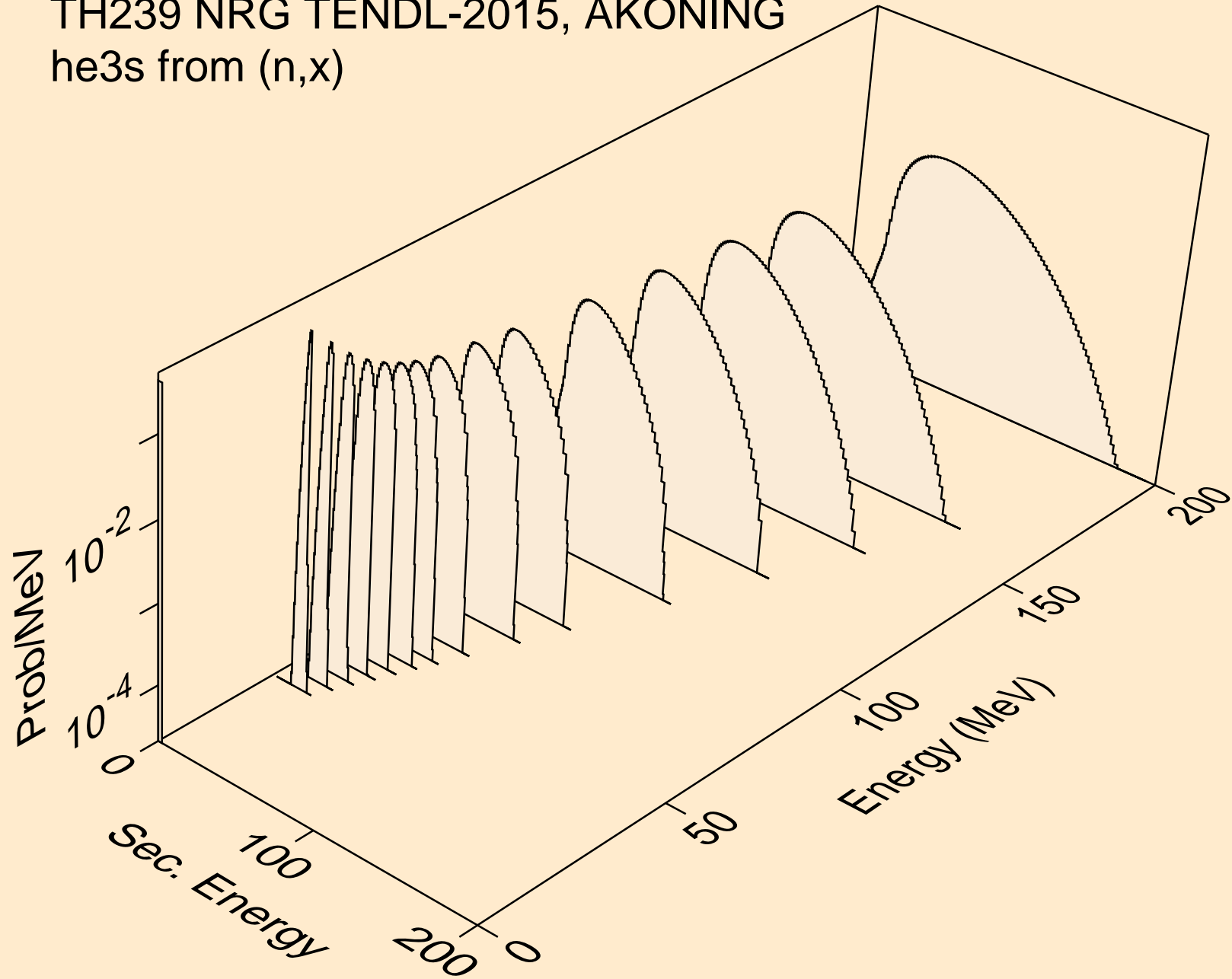
TH239 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



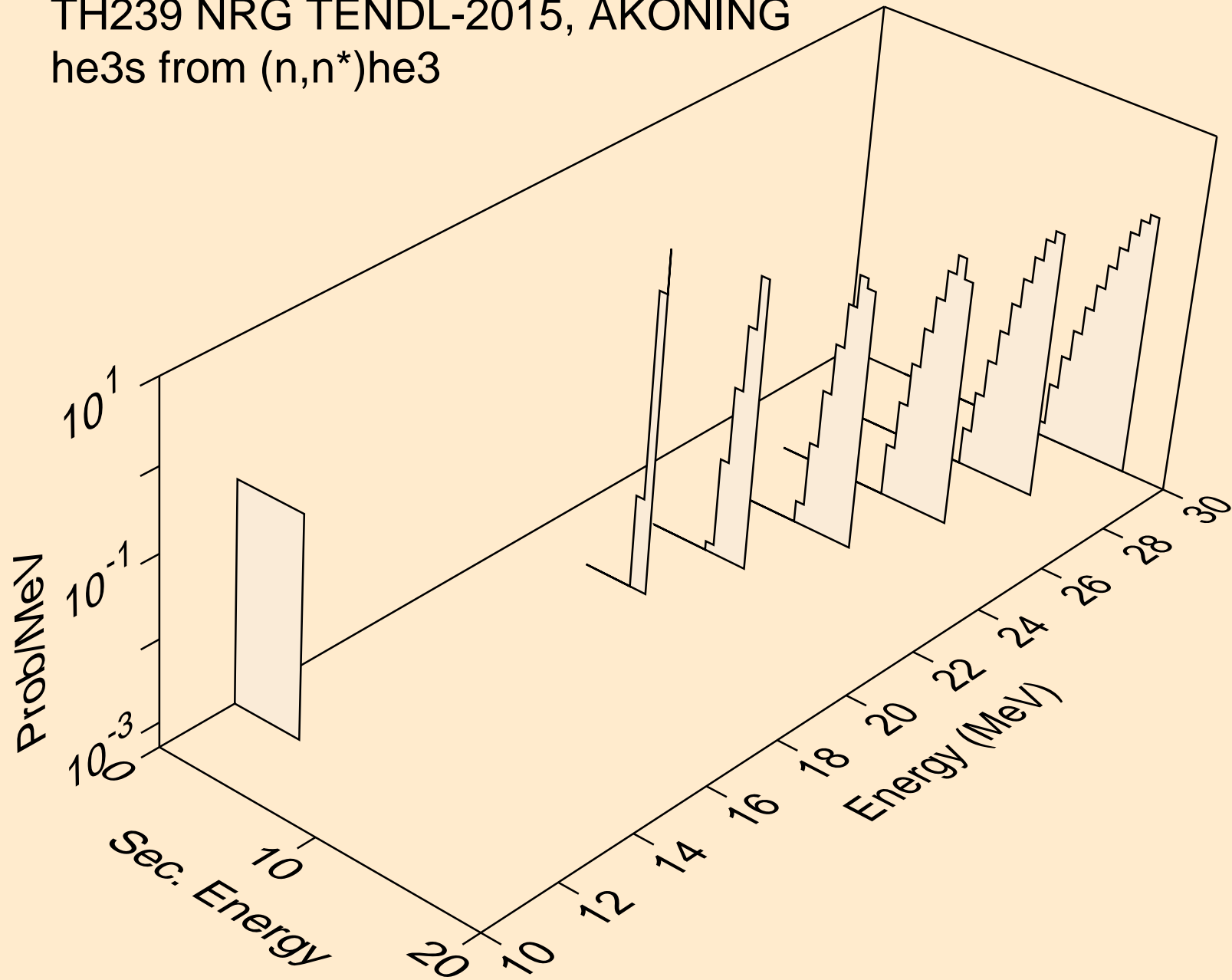
TH239 NRG TENDL-2015, AKONING  
tritons from (n,t)



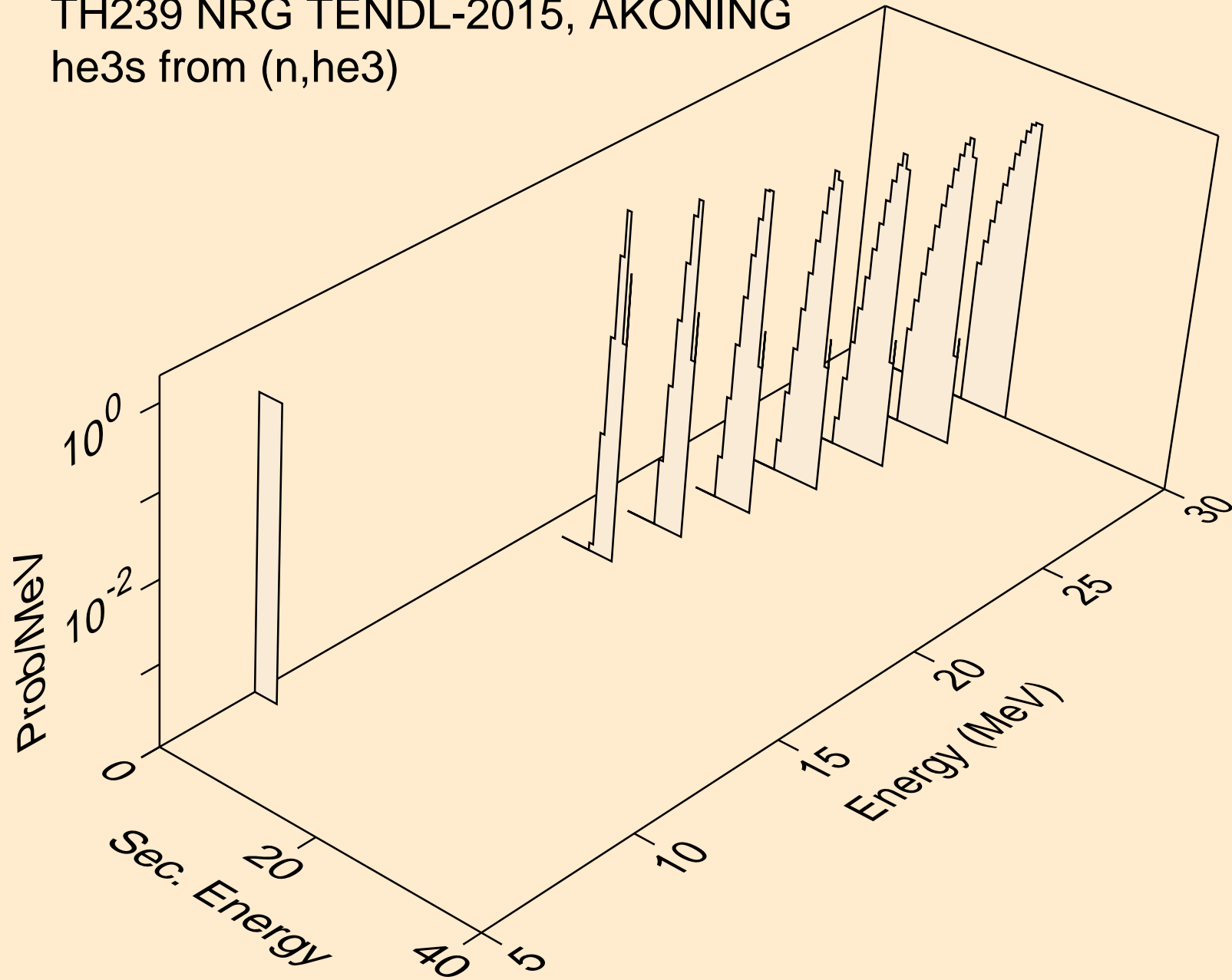
TH239 NRG TENDL-2015, AKONING  
he3s from (n,x)



TH239 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

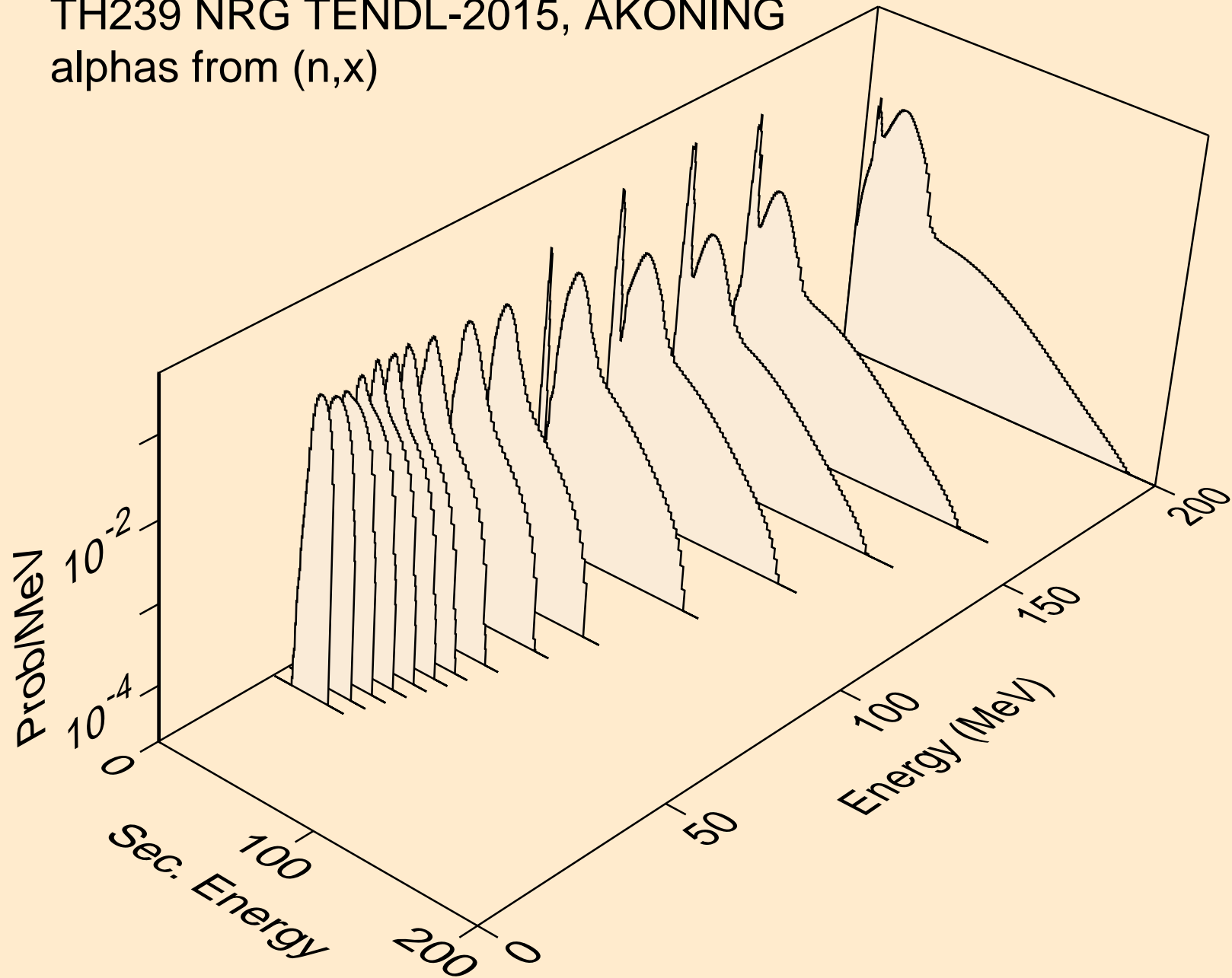


TH239 NRG TENDL-2015, AKONING  
he3s from (n,he3)

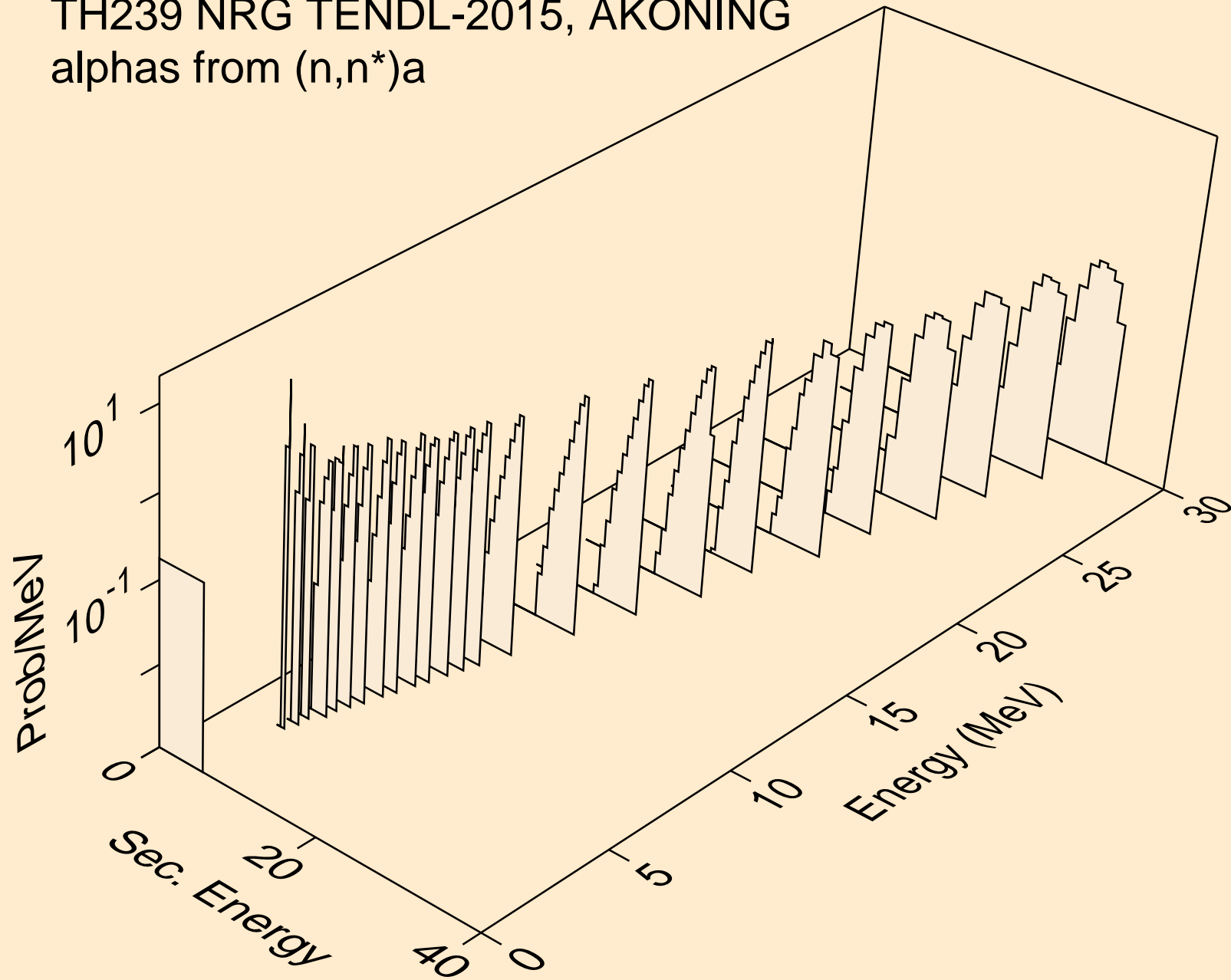




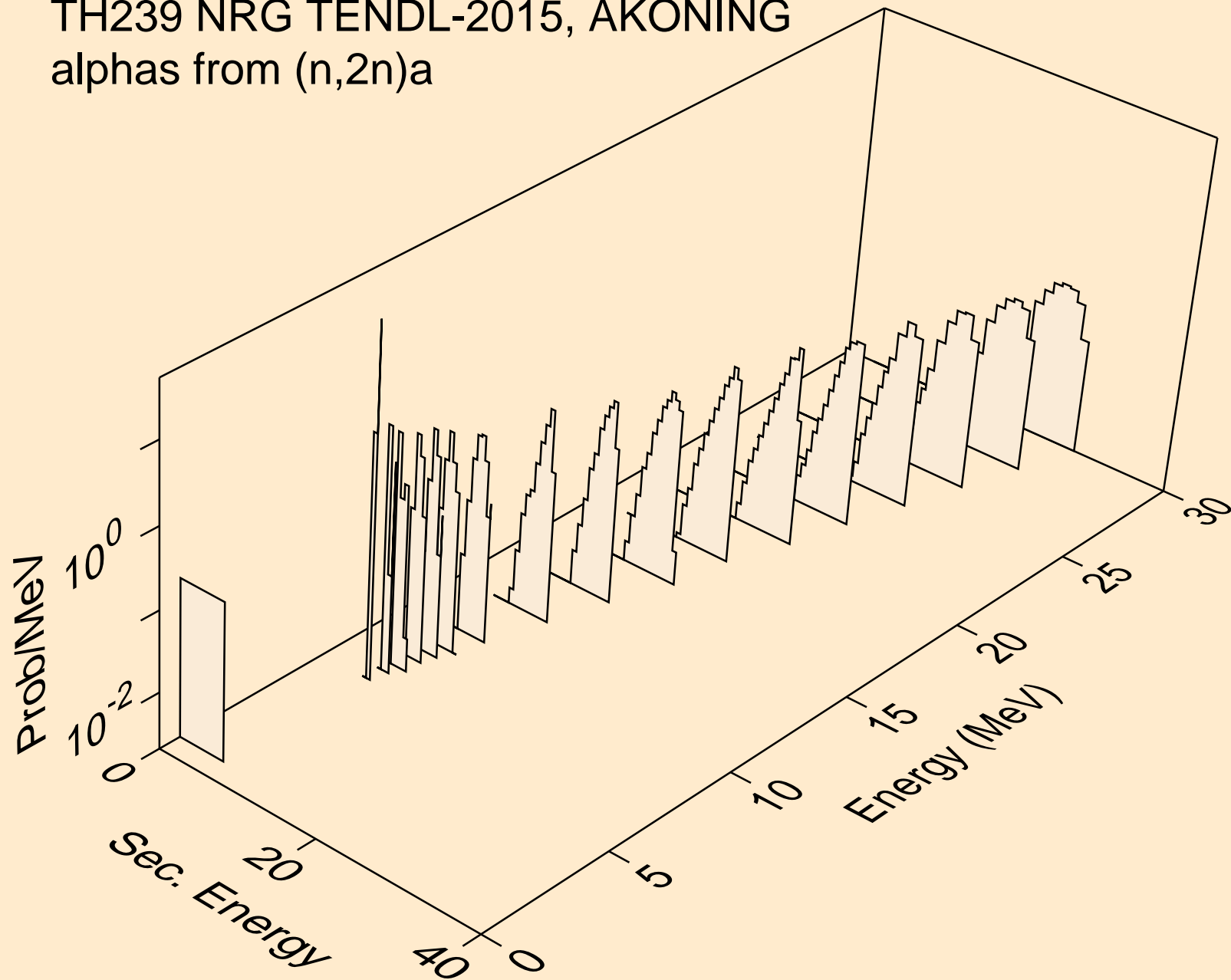
TH239 NRG TENDL-2015, AKONING  
alphas from (n,x)



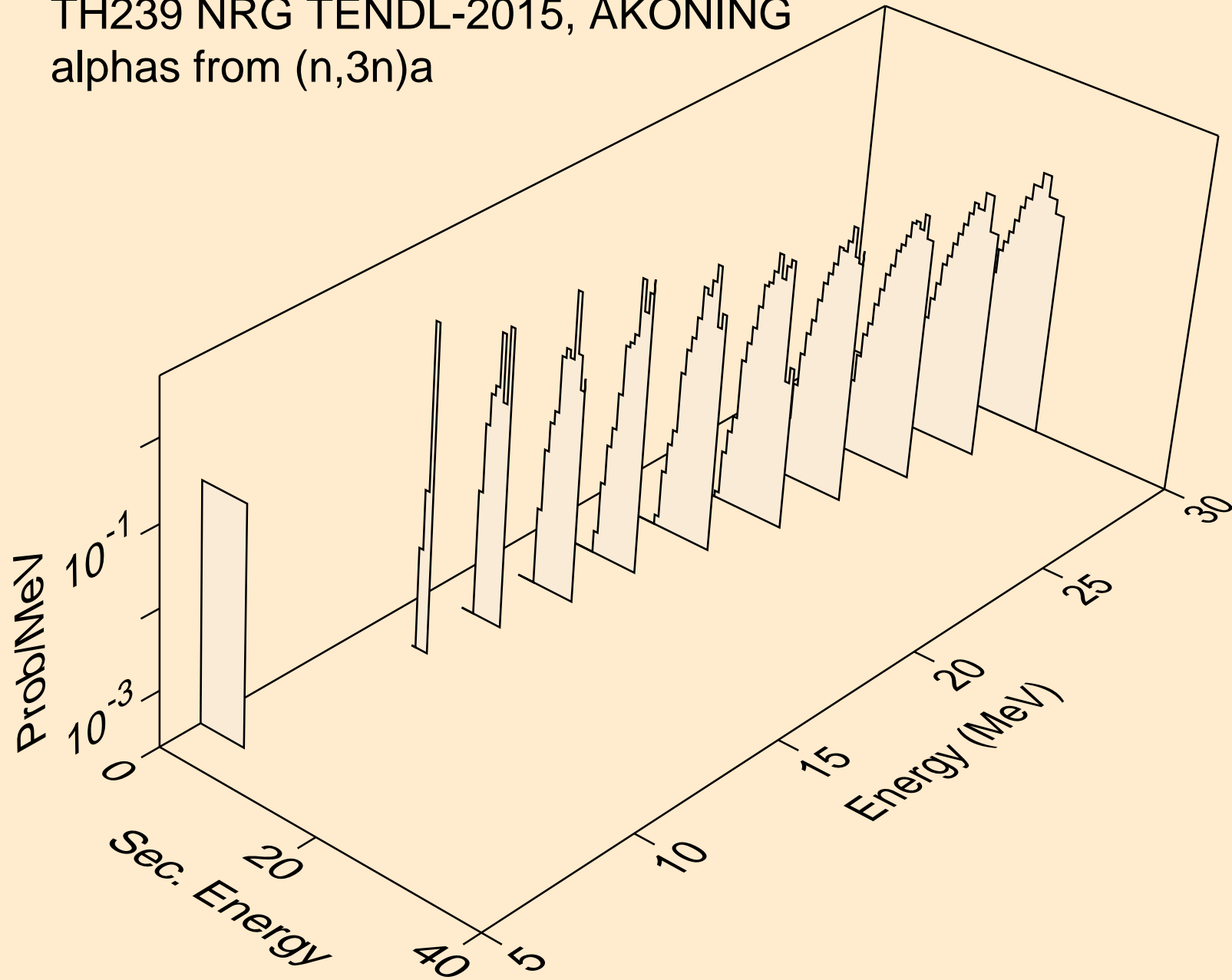
TH239 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



TH239 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



TH239 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



TH239 NRG TENDL-2015, AKONING  
alphas from (n,a)

