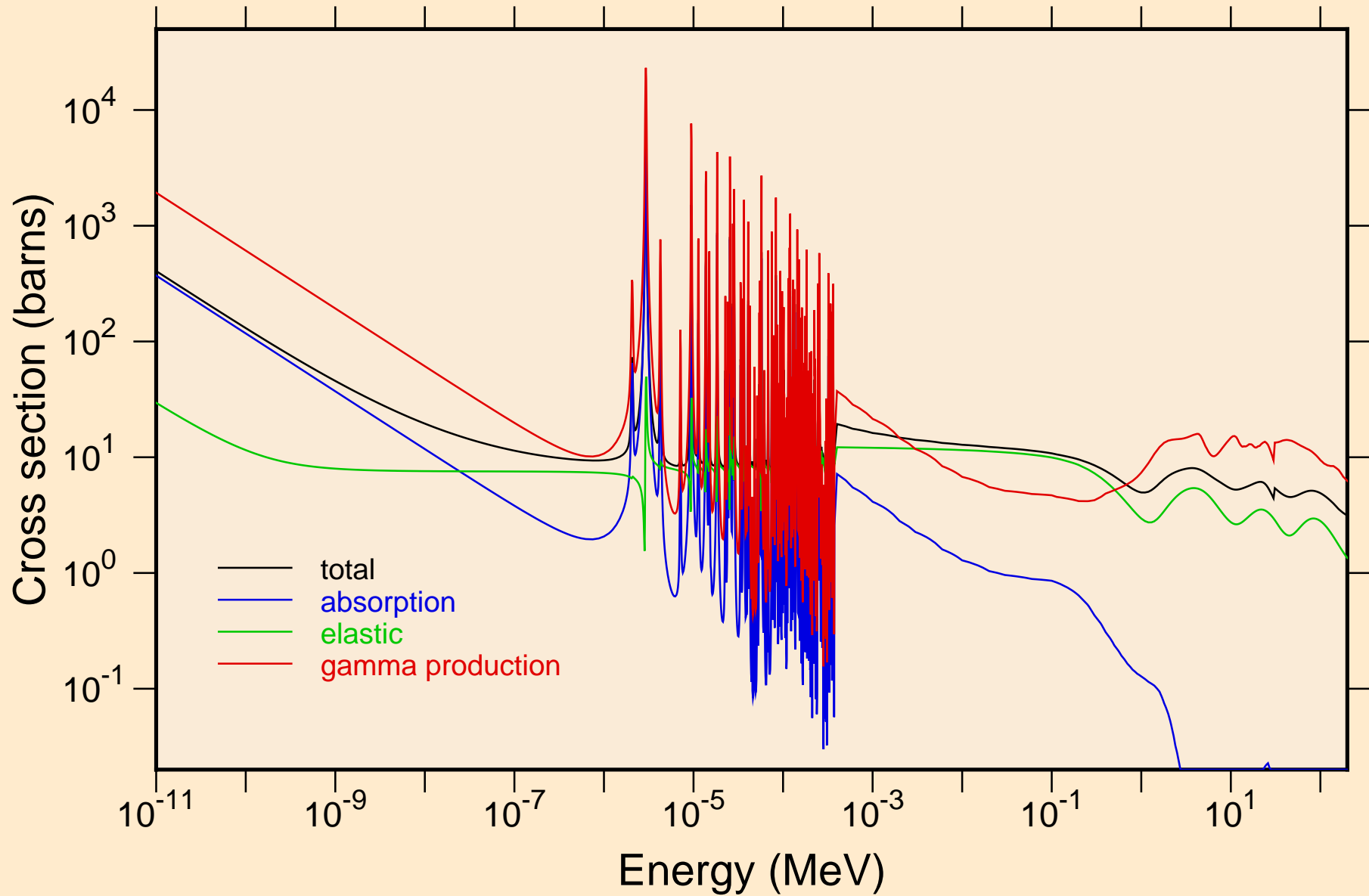
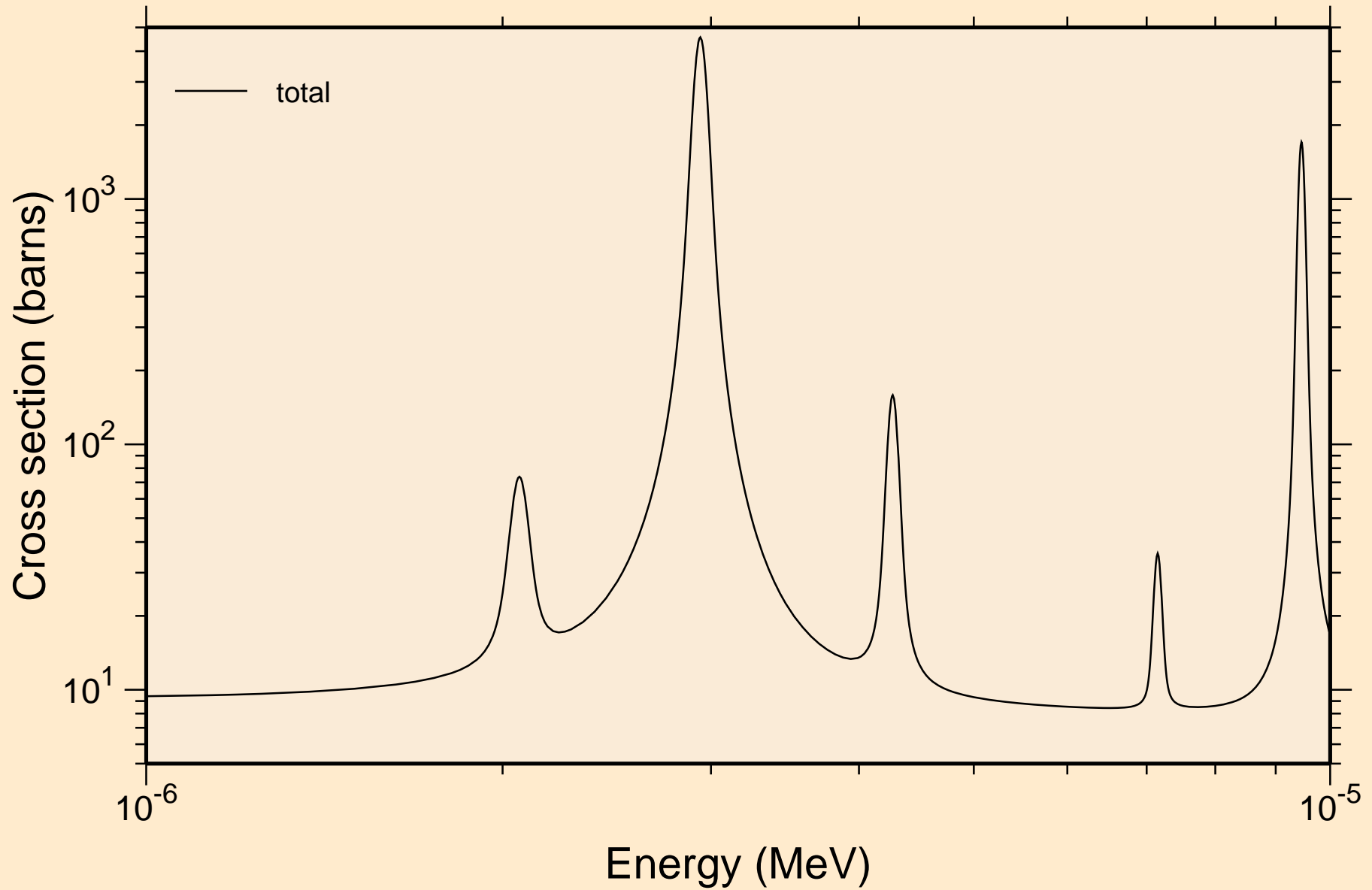


# FR230 NRG TENDL-2015, AKONING

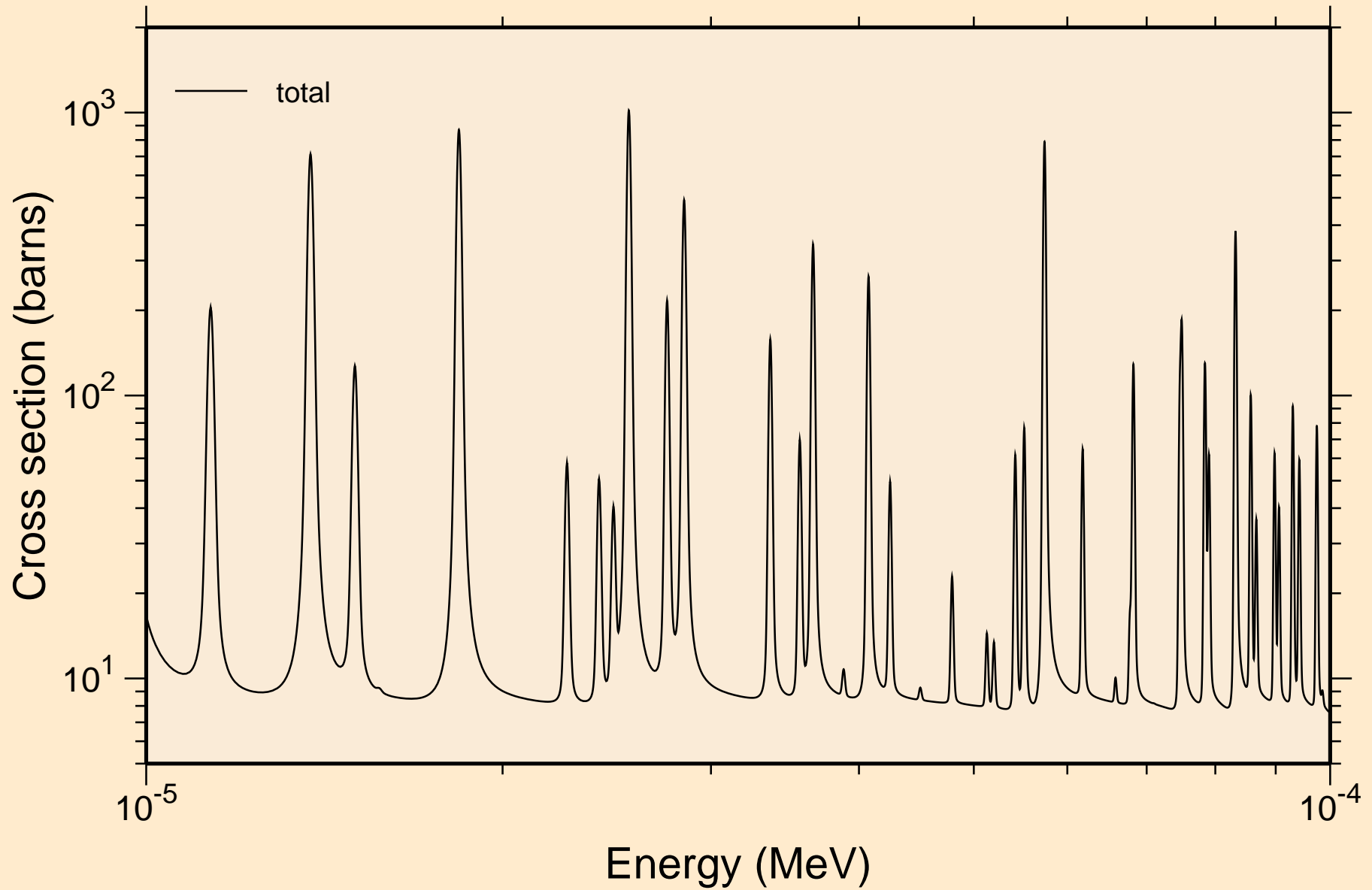
## Principal cross sections



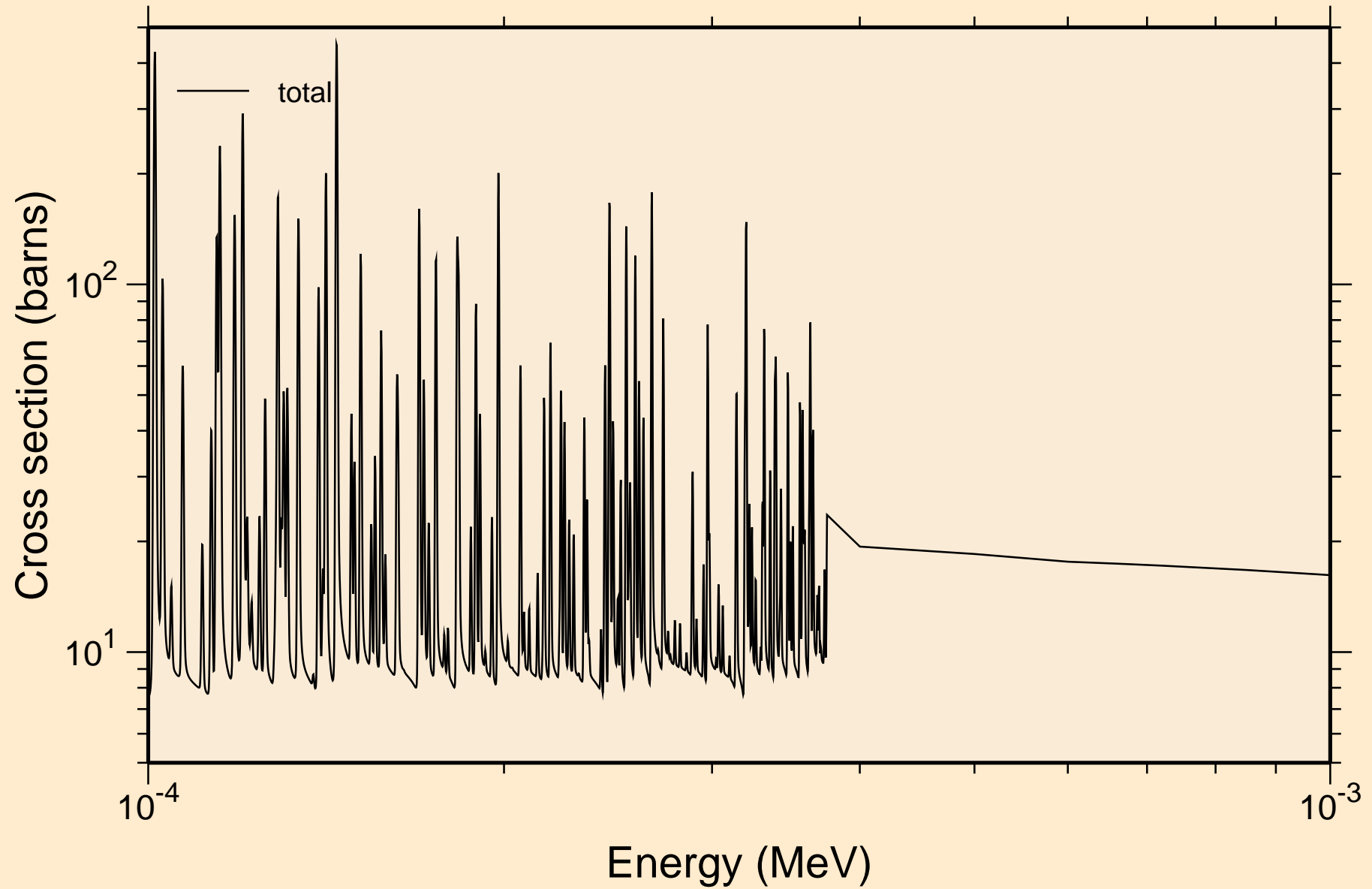
FR230 NRG TENDL-2015, AKONING  
resonance total cross section



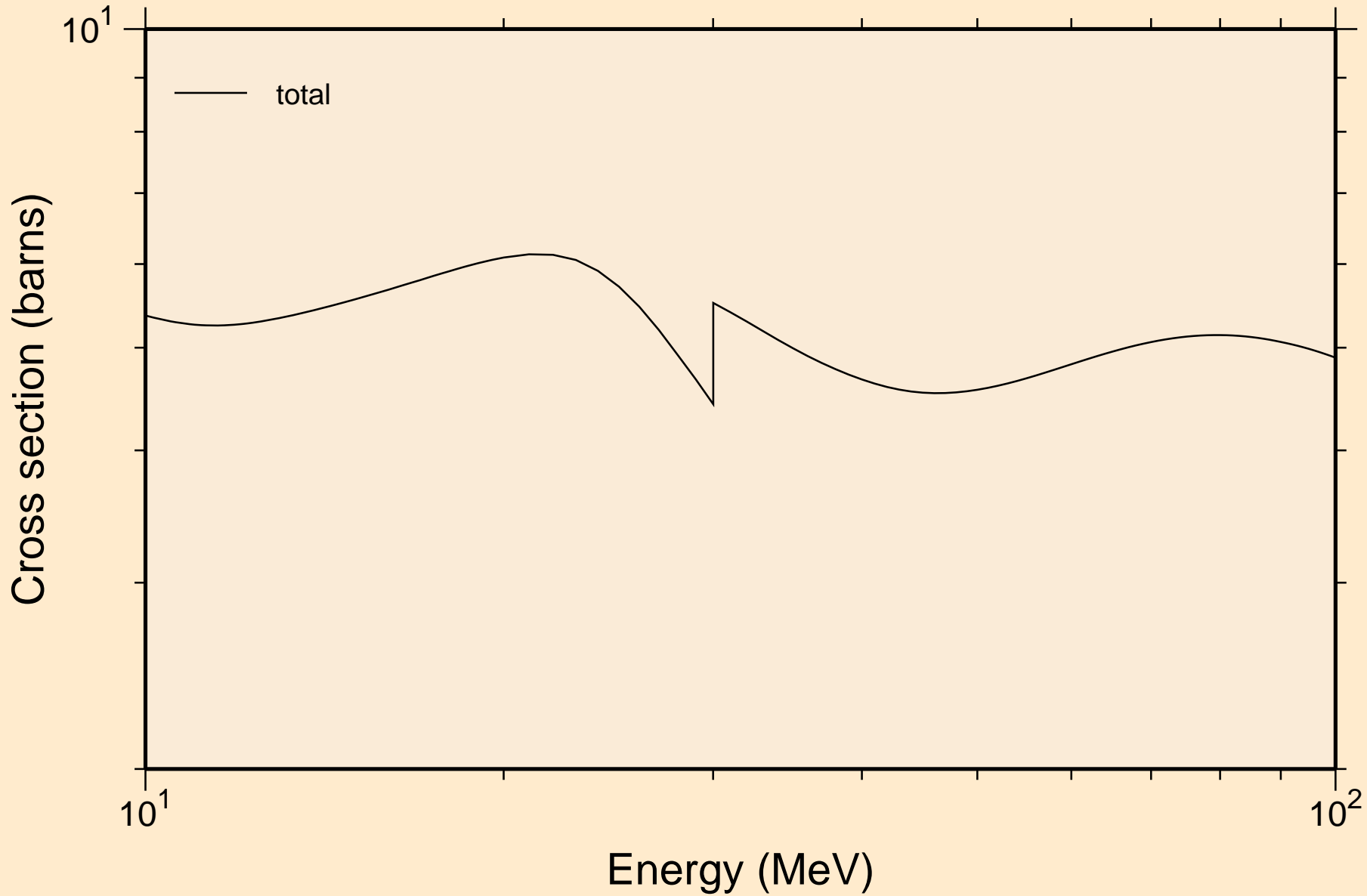
FR230 NRG TENDL-2015, AKONING  
resonance total cross section



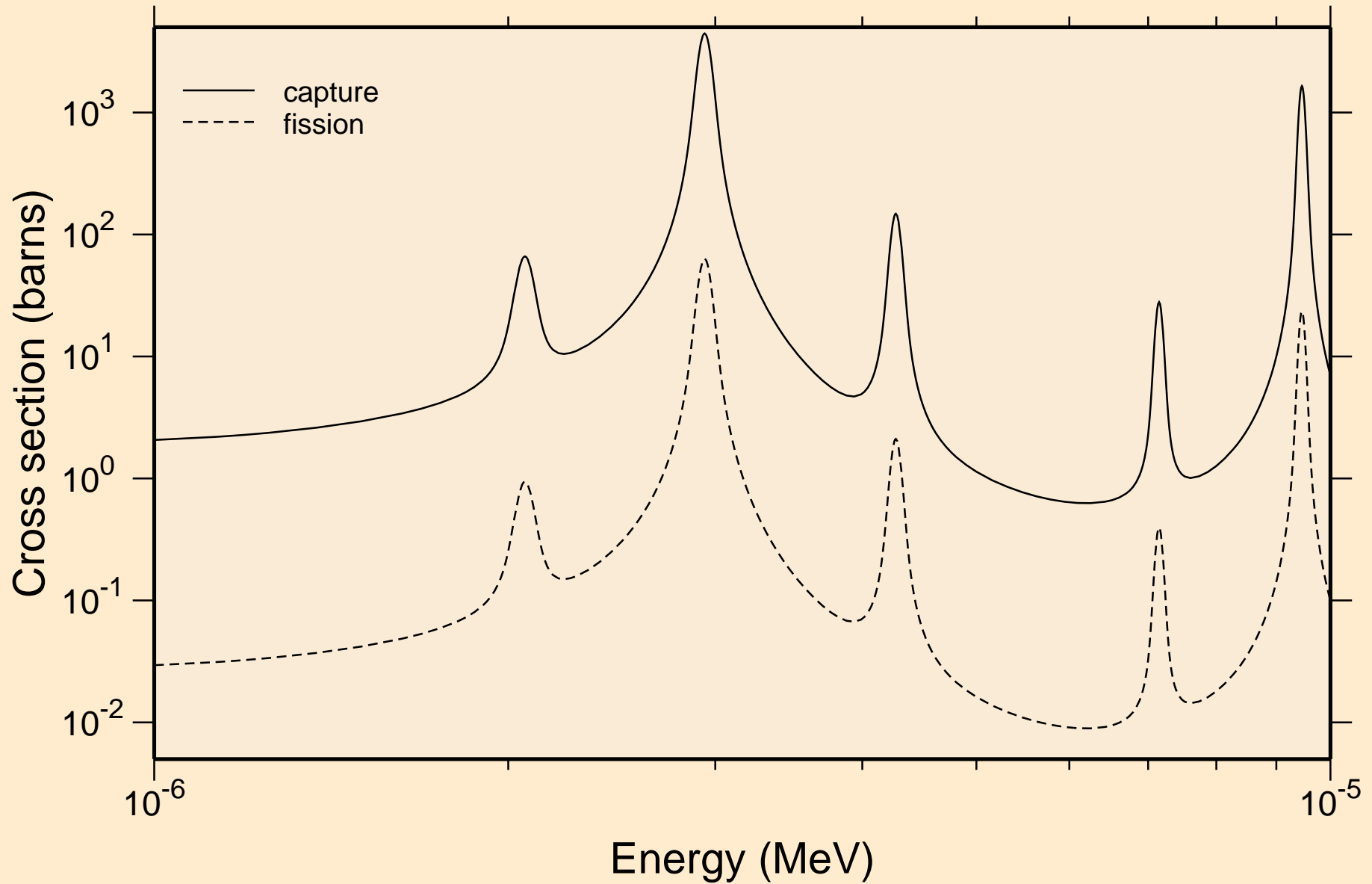
FR230 NRG TENDL-2015, AKONING  
resonance total cross section



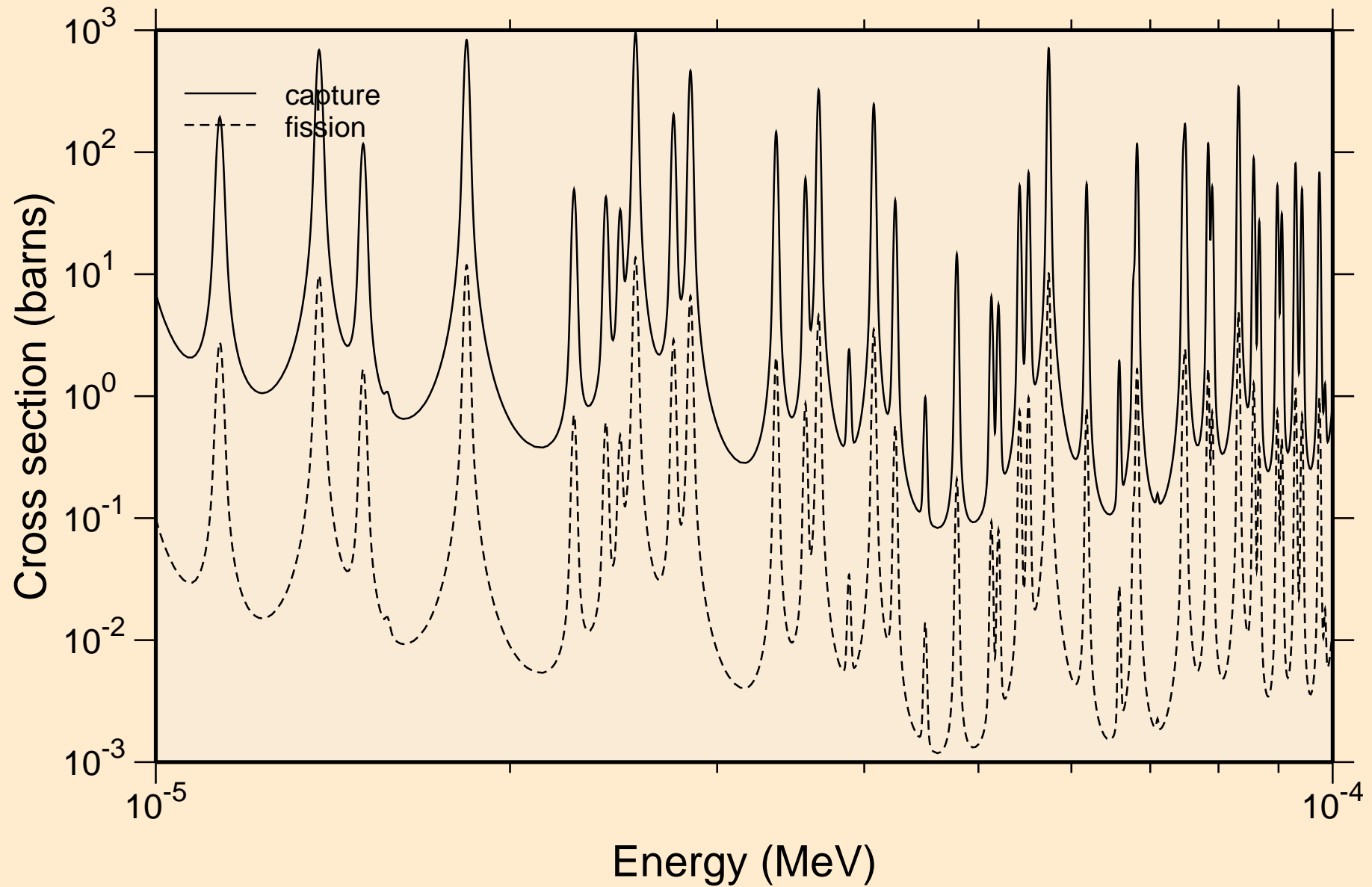
FR230 NRG TENDL-2015, AKONING  
resonance total cross section



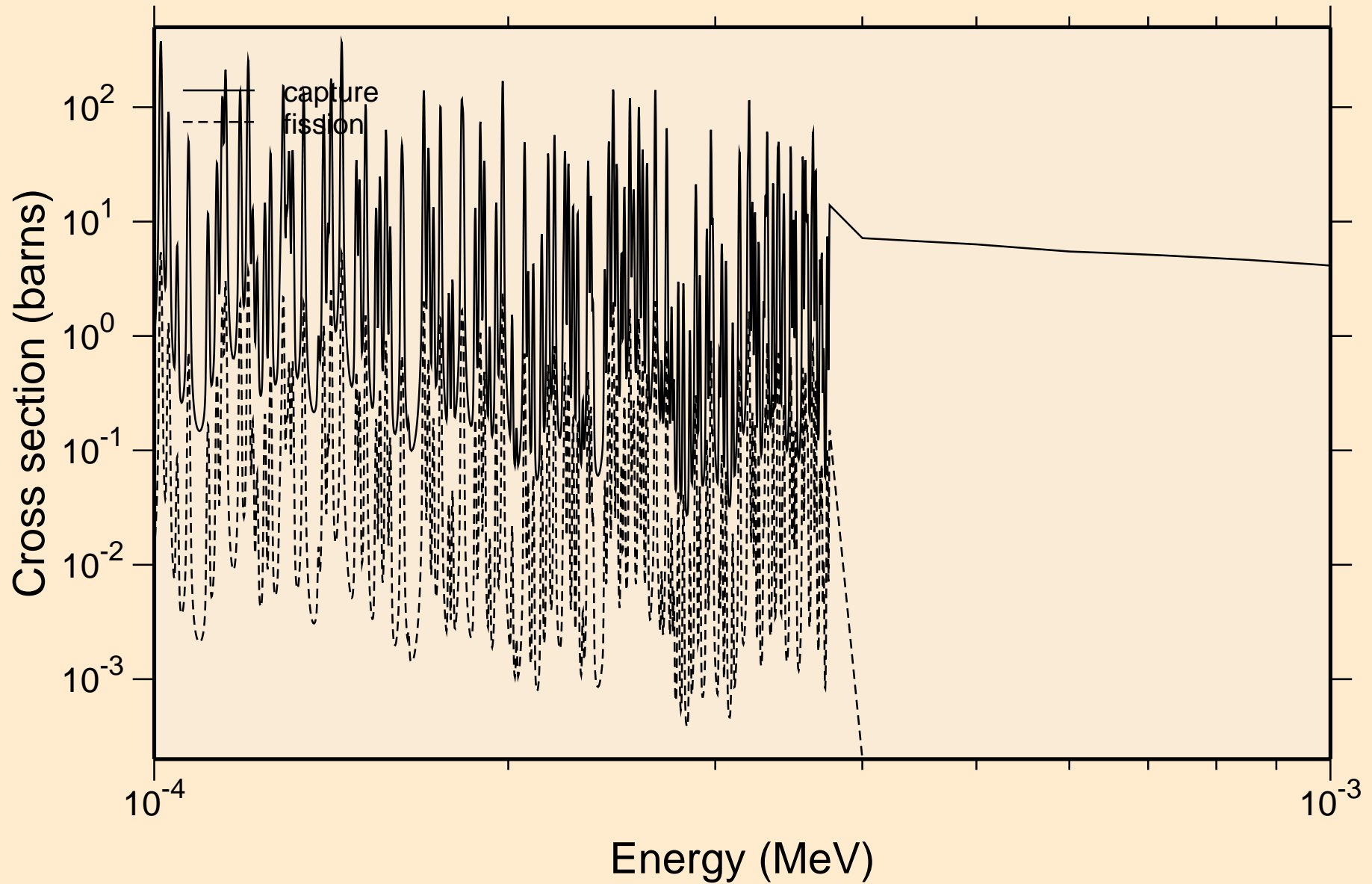
FR230 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# FR230 NRG TENDL-2015, AKONING resonance absorption cross sections

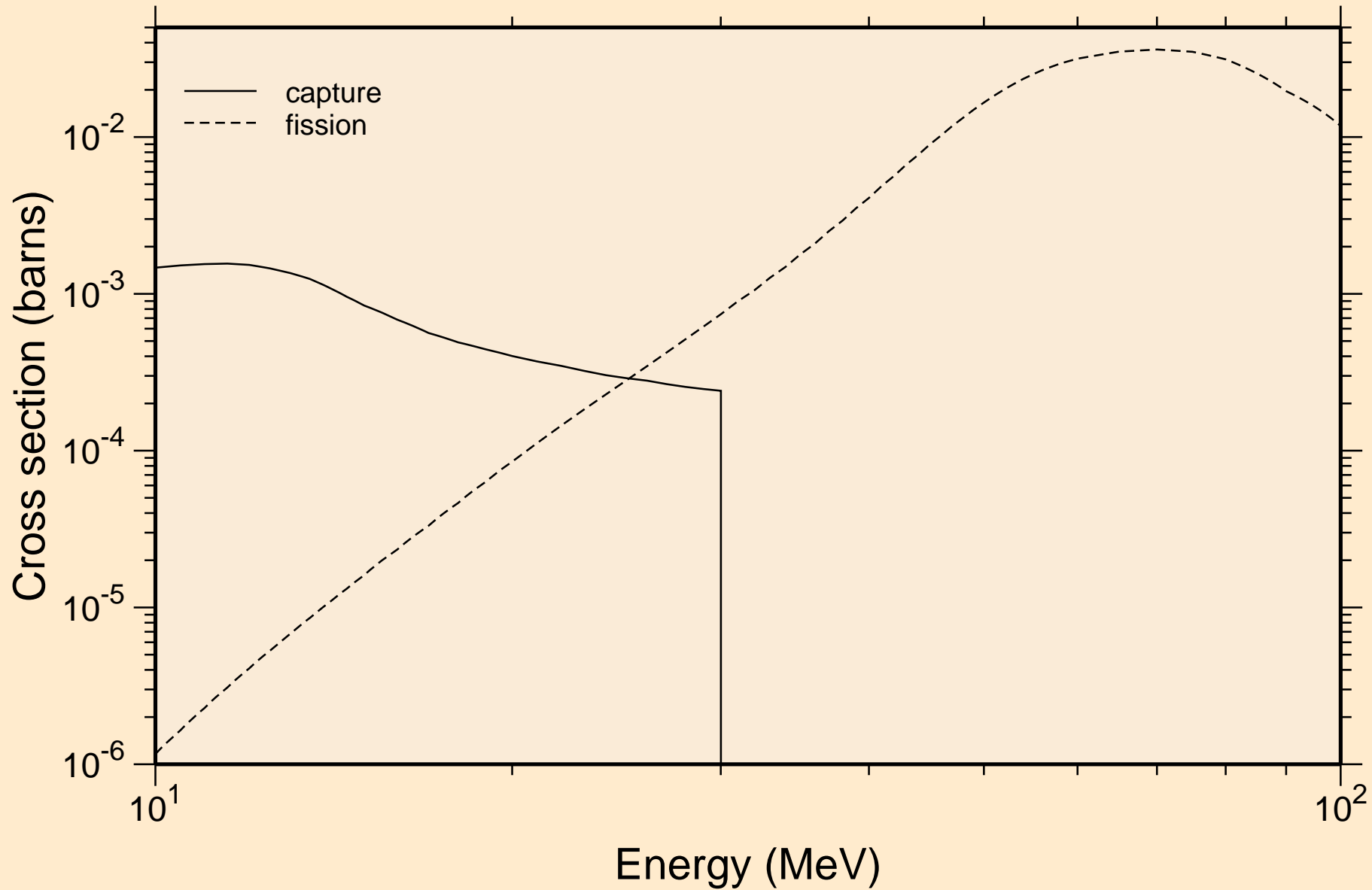


FR230 NRG TENDL-2015, AKONING  
resonance absorption cross sections



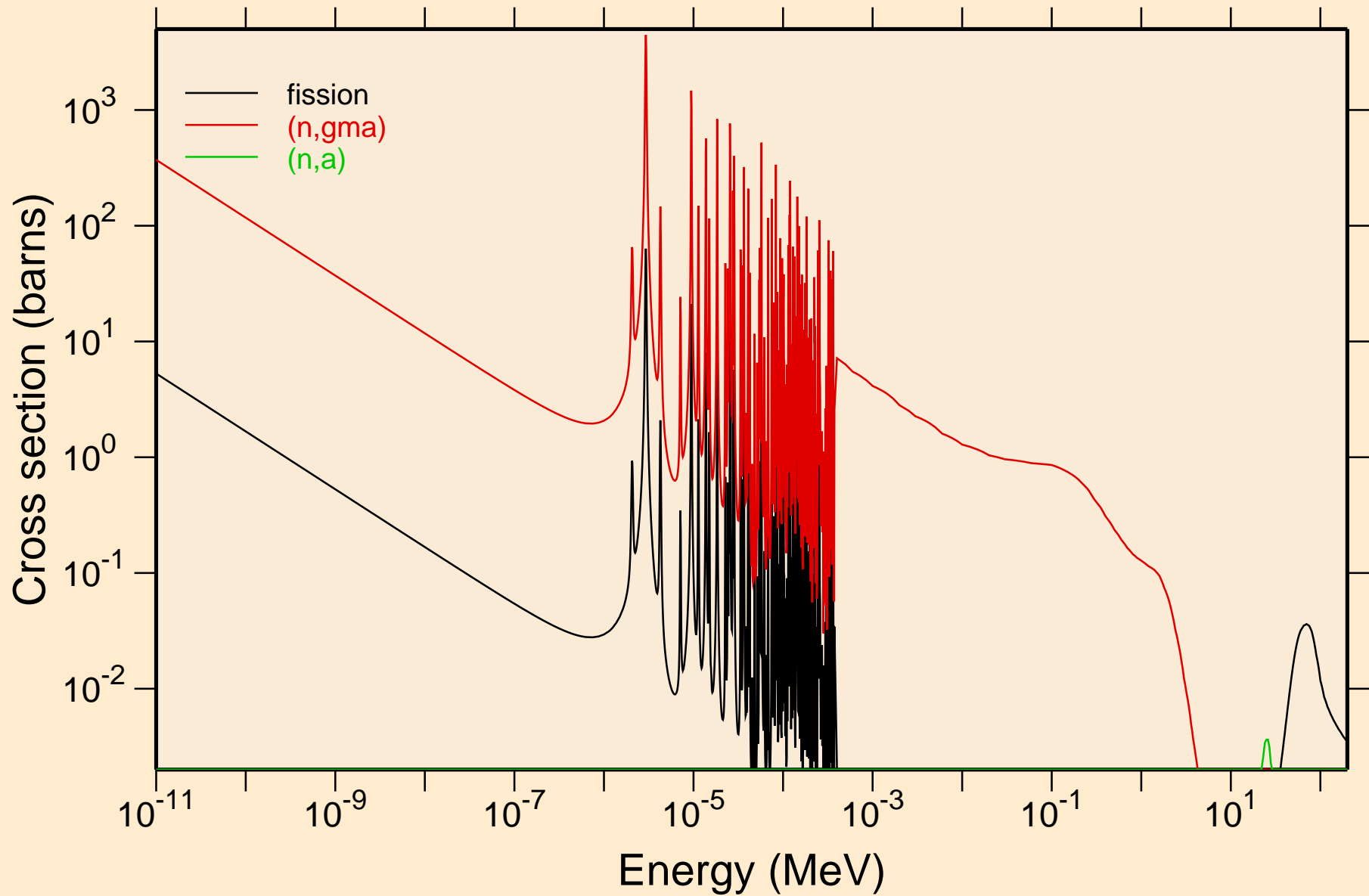


FR230 NRG TENDL-2015, AKONING  
resonance absorption cross sections



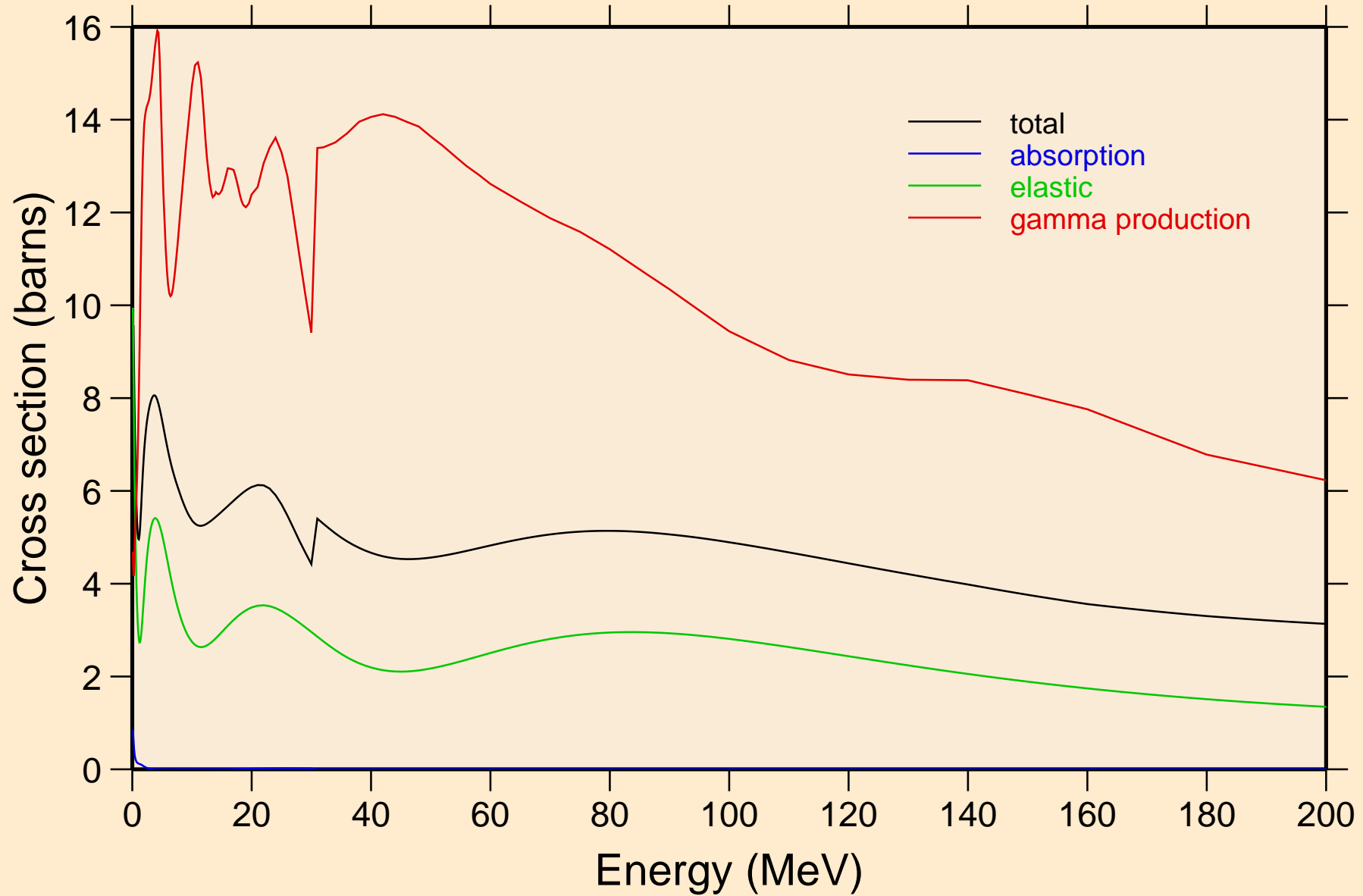
# FR230 NRG TENDL-2015, AKONING

## Non-threshold reactions



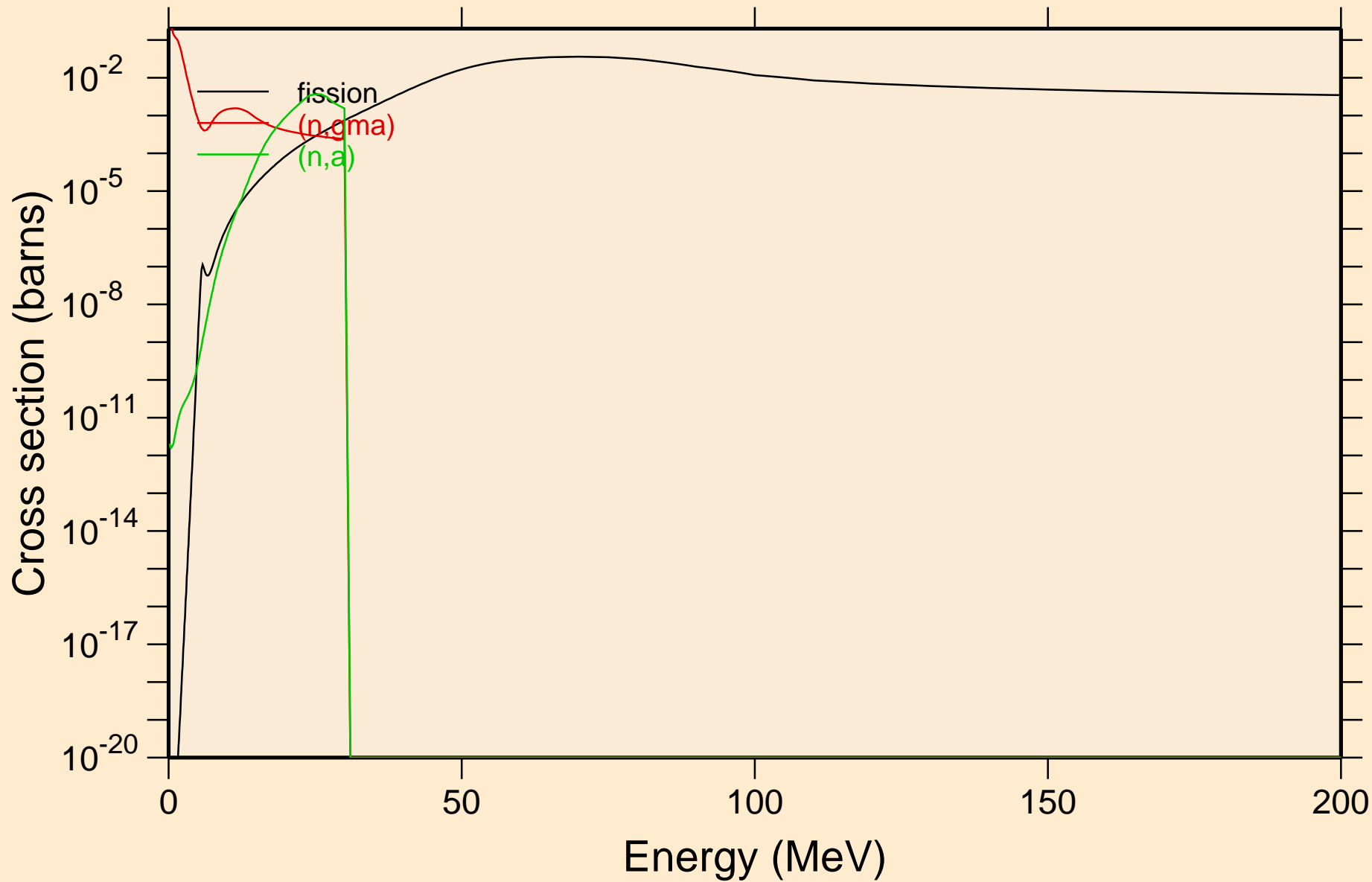
# FR230 NRG TENDL-2015, AKONING

## Principal cross sections

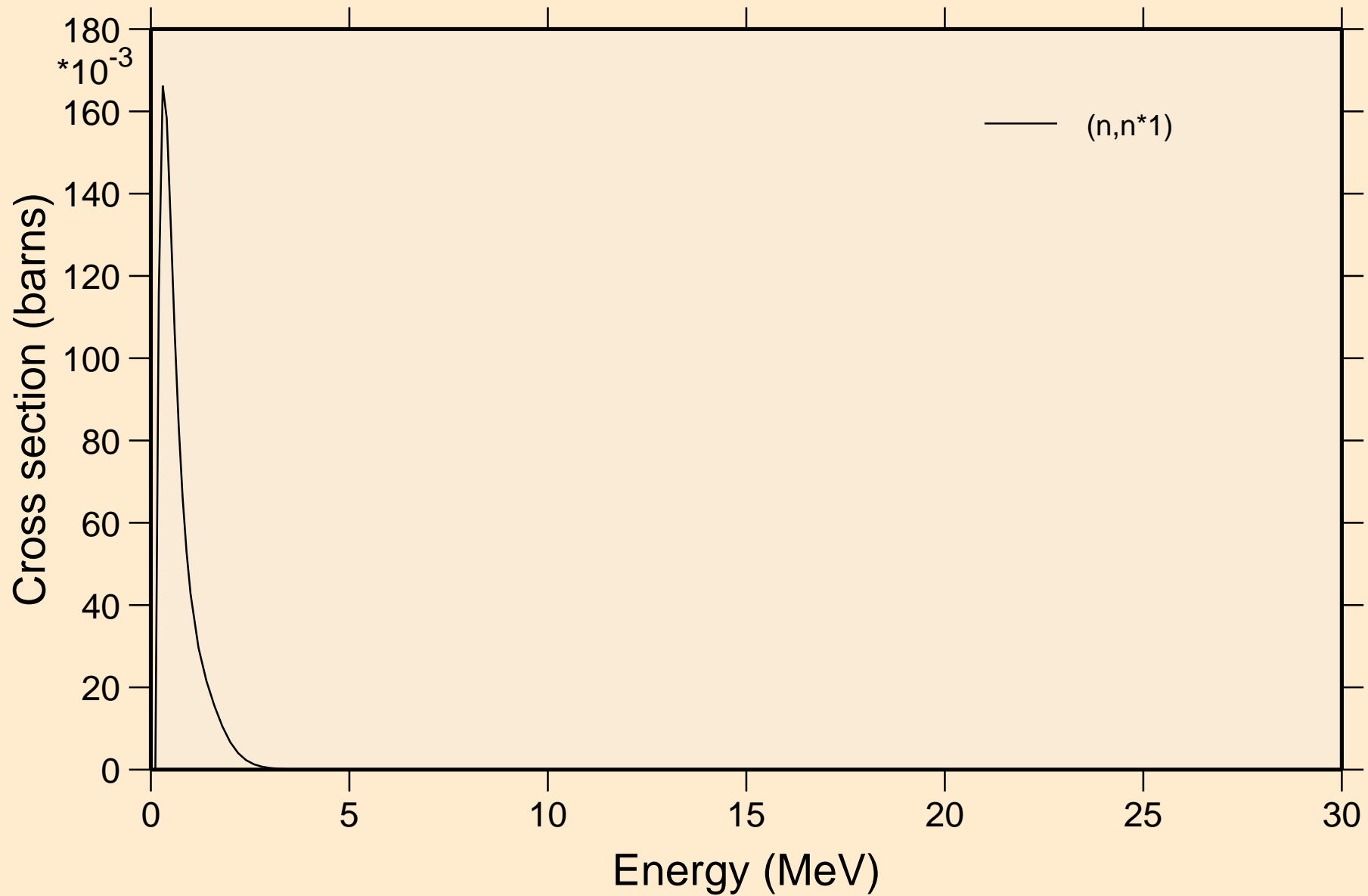


# FR230 NRG TENDL-2015, AKONING

## Non-threshold reactions

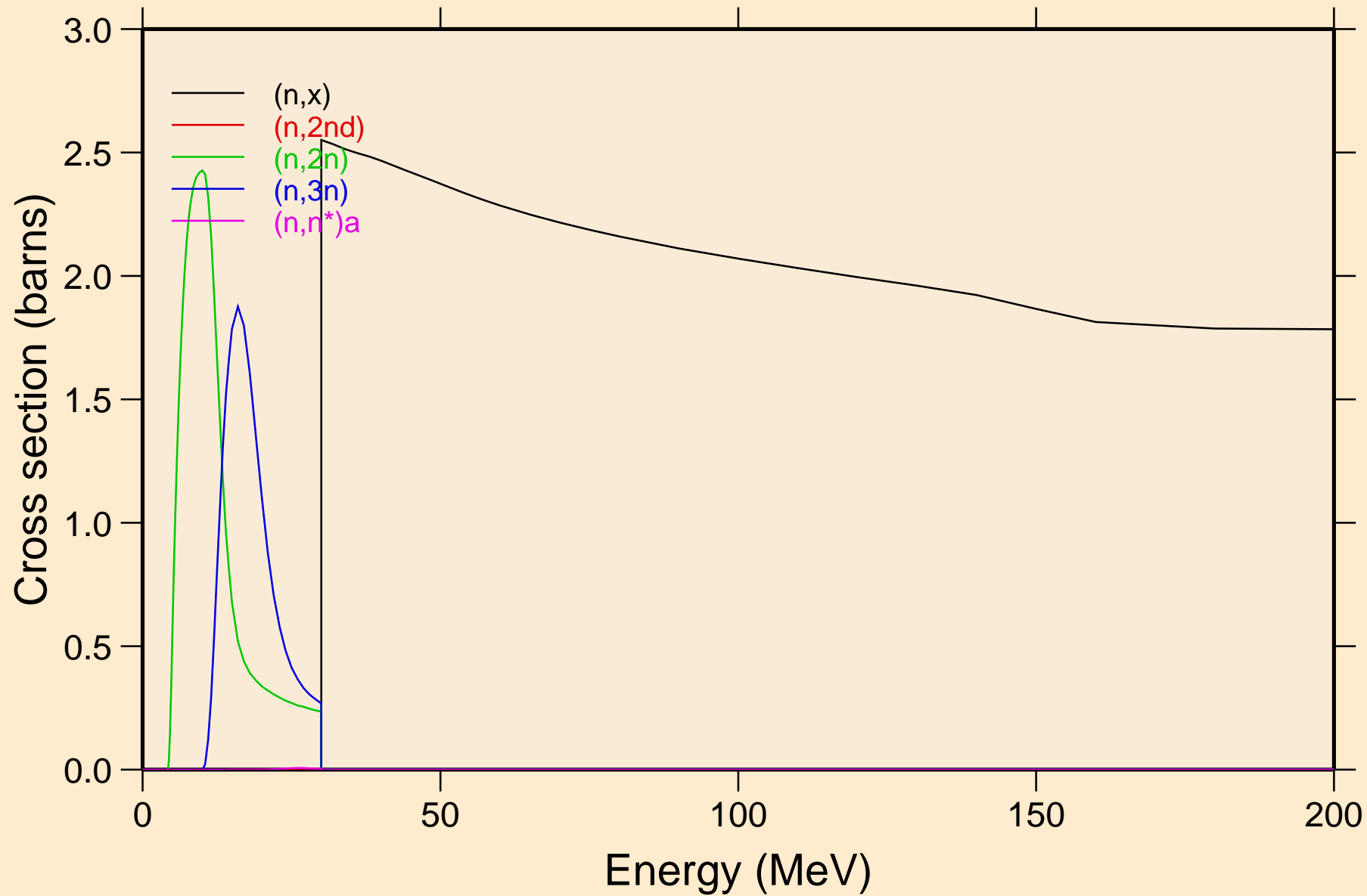


FR230 NRG TENDL-2015, AKONING  
Inelastic levels



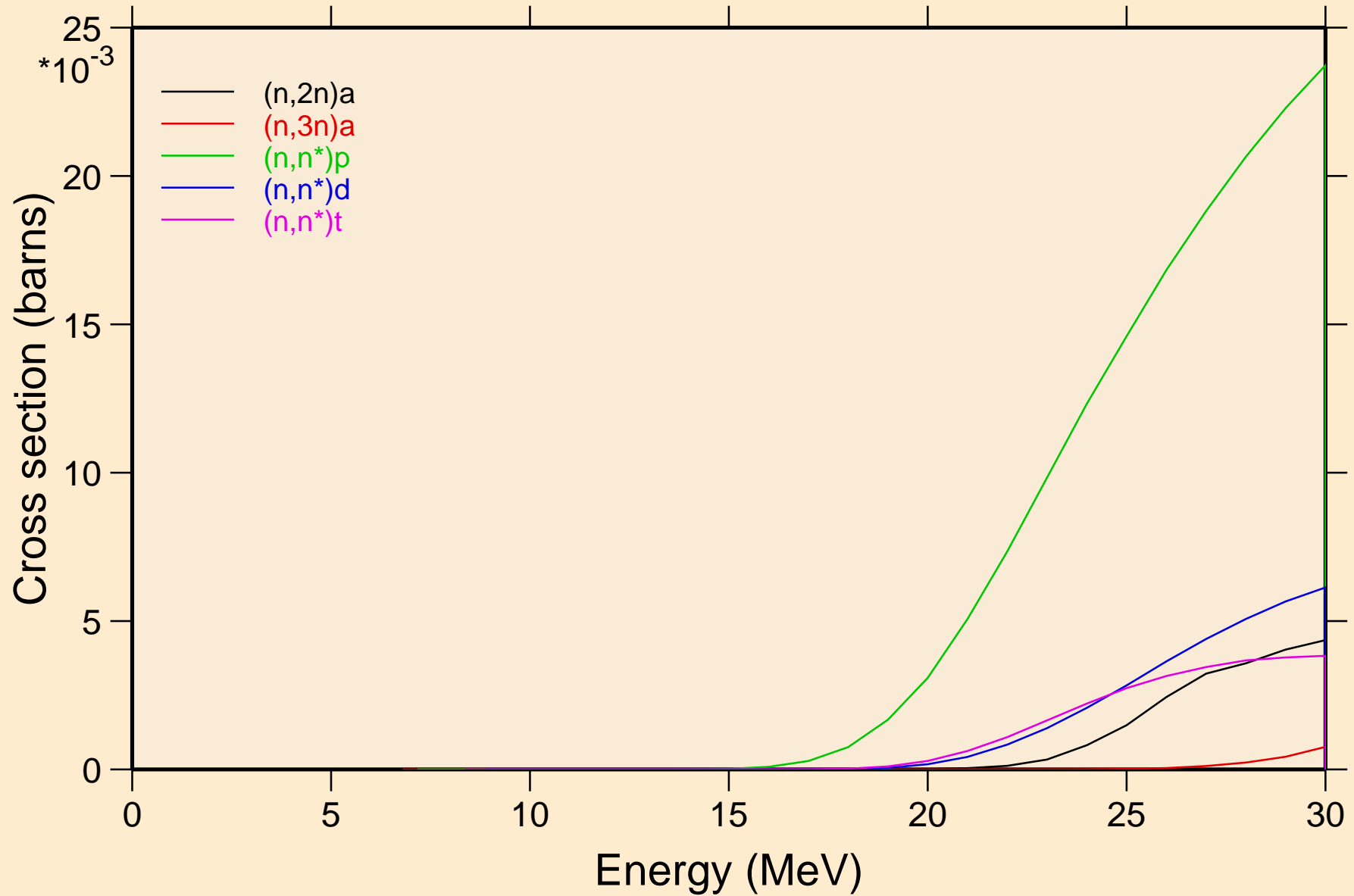
# FR230 NRG TENDL-2015, AKONING

## Threshold reactions



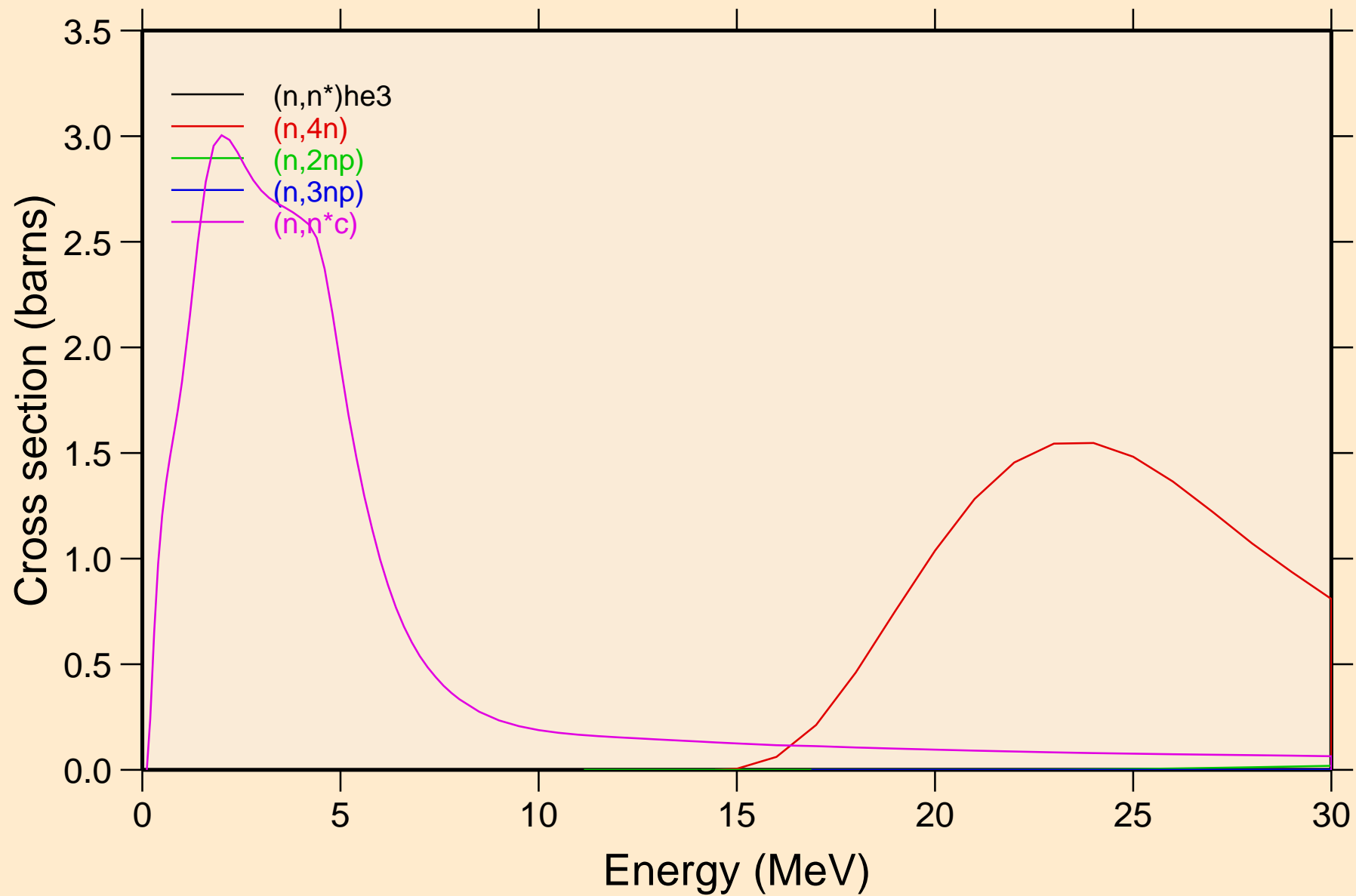
# FR230 NRG TENDL-2015, AKONING

## Threshold reactions



# FR230 NRG TENDL-2015, AKONING

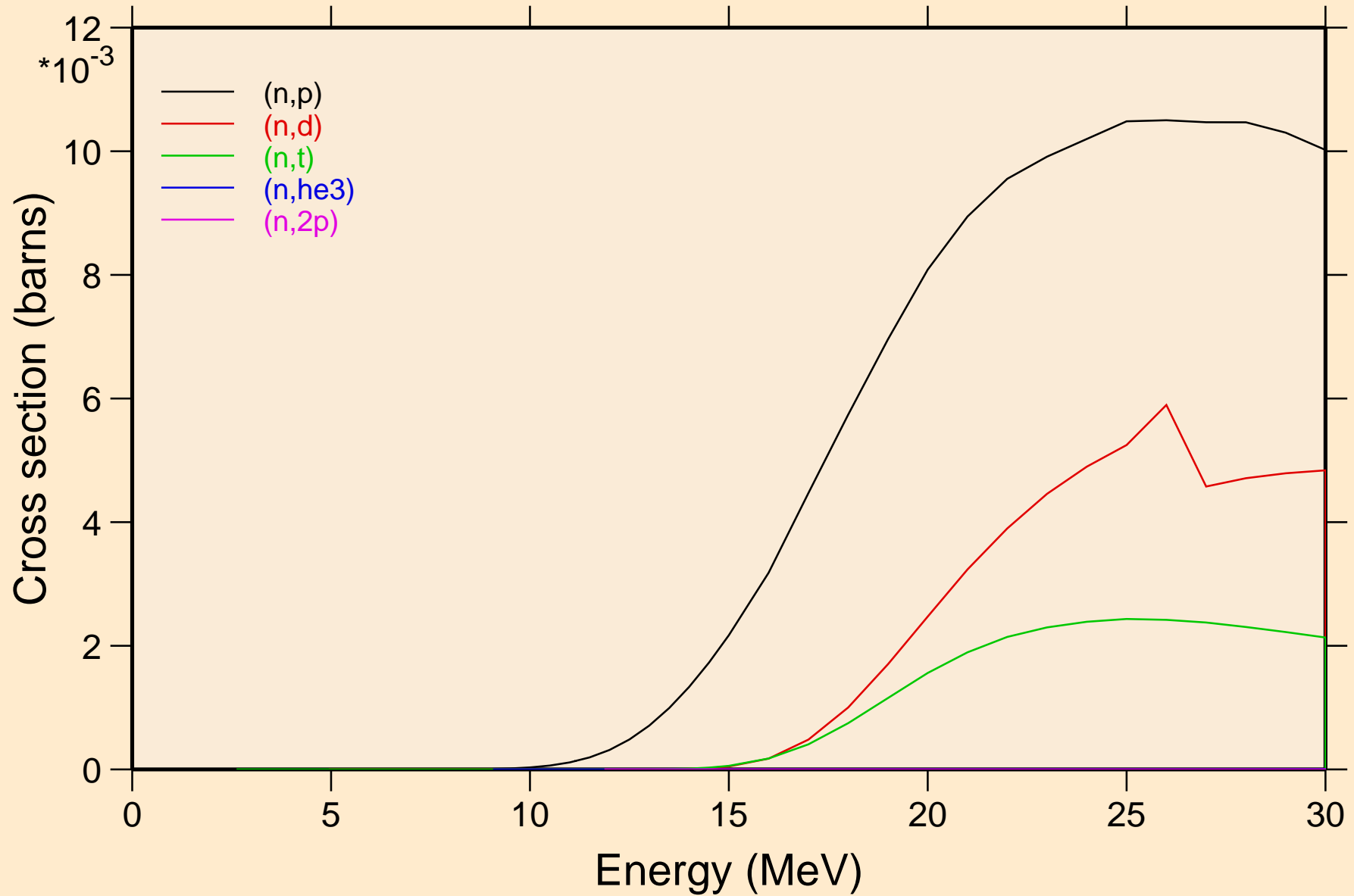
## Threshold reactions



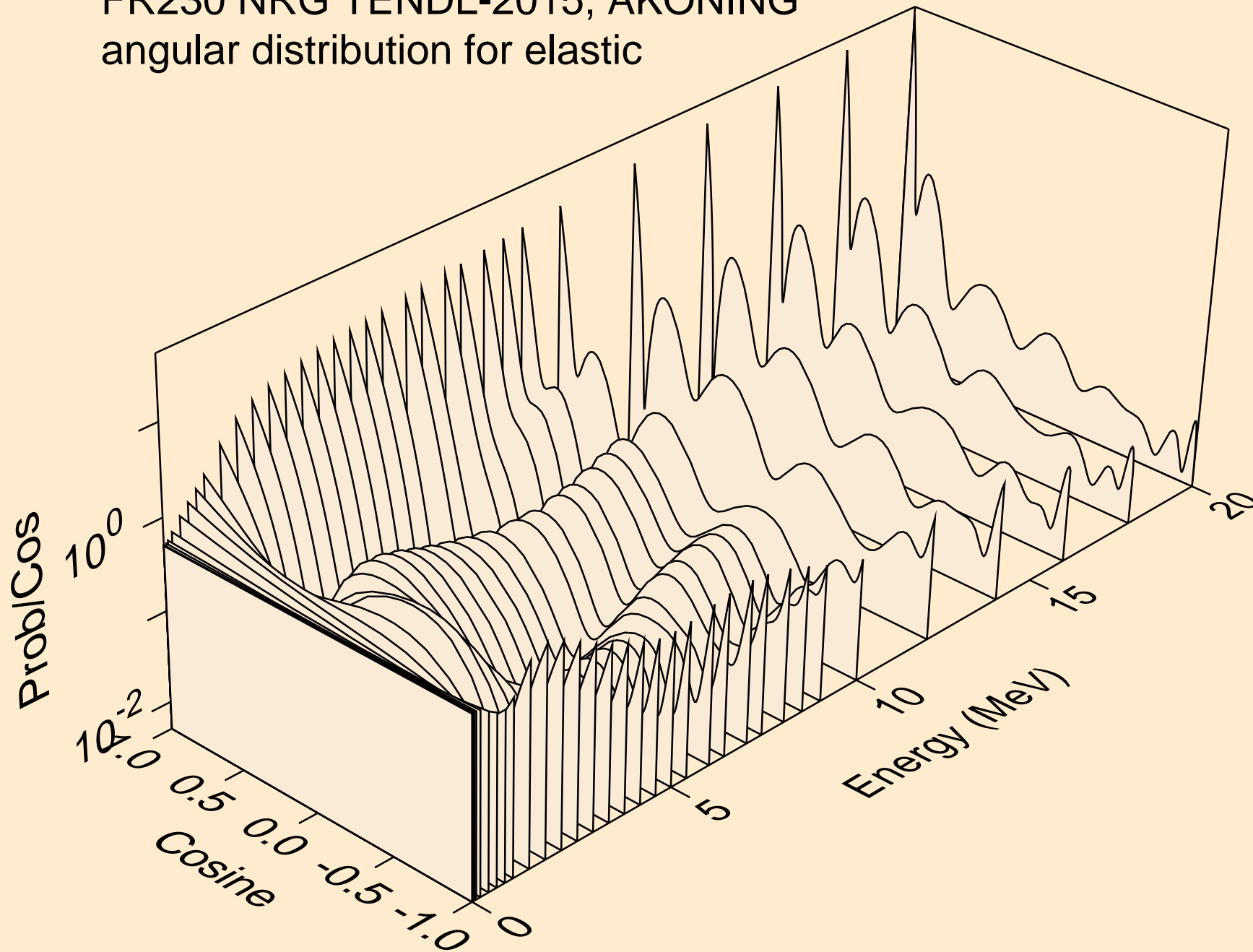


# FR230 NRG TENDL-2015, AKONING

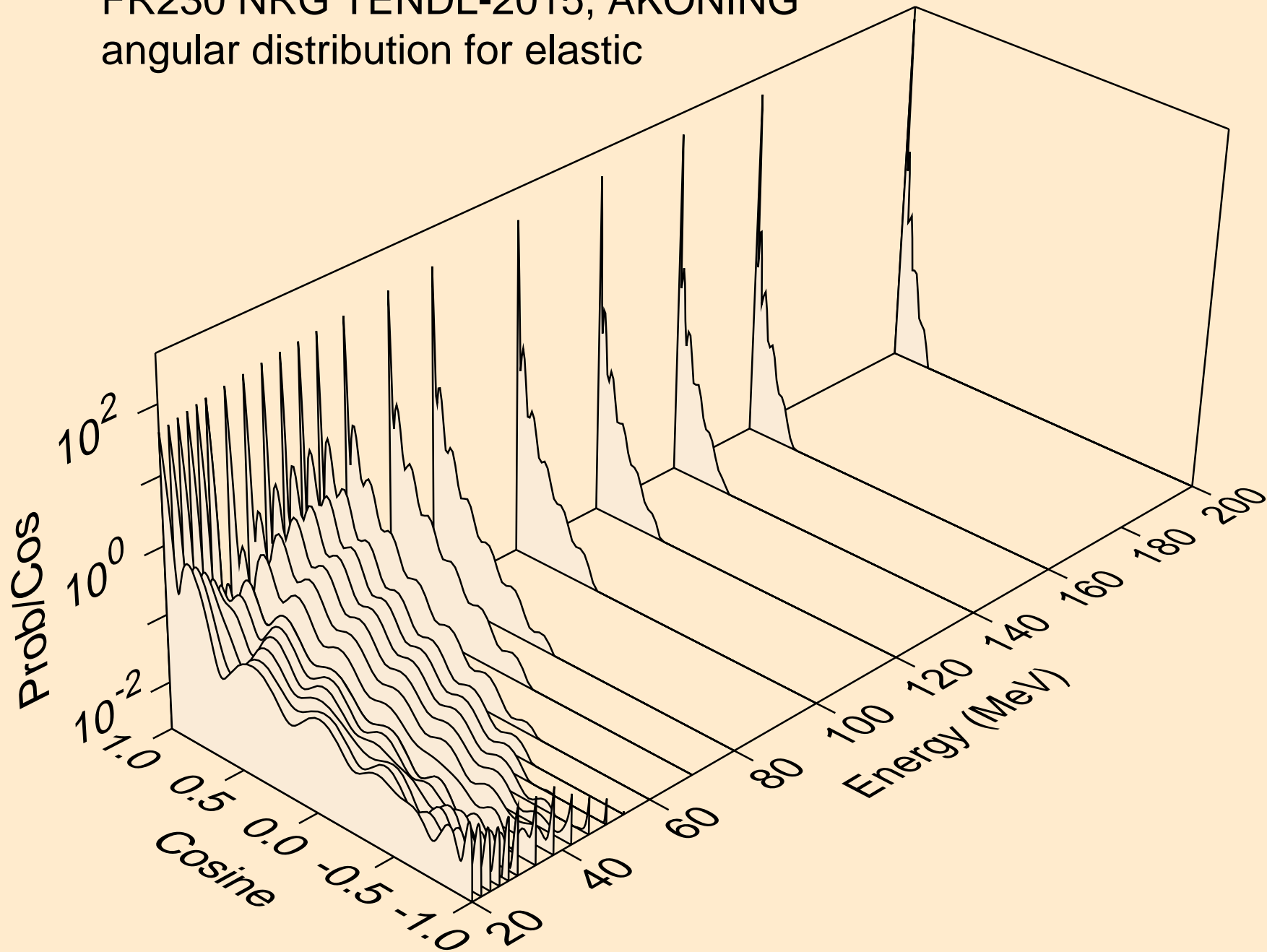
## Threshold reactions



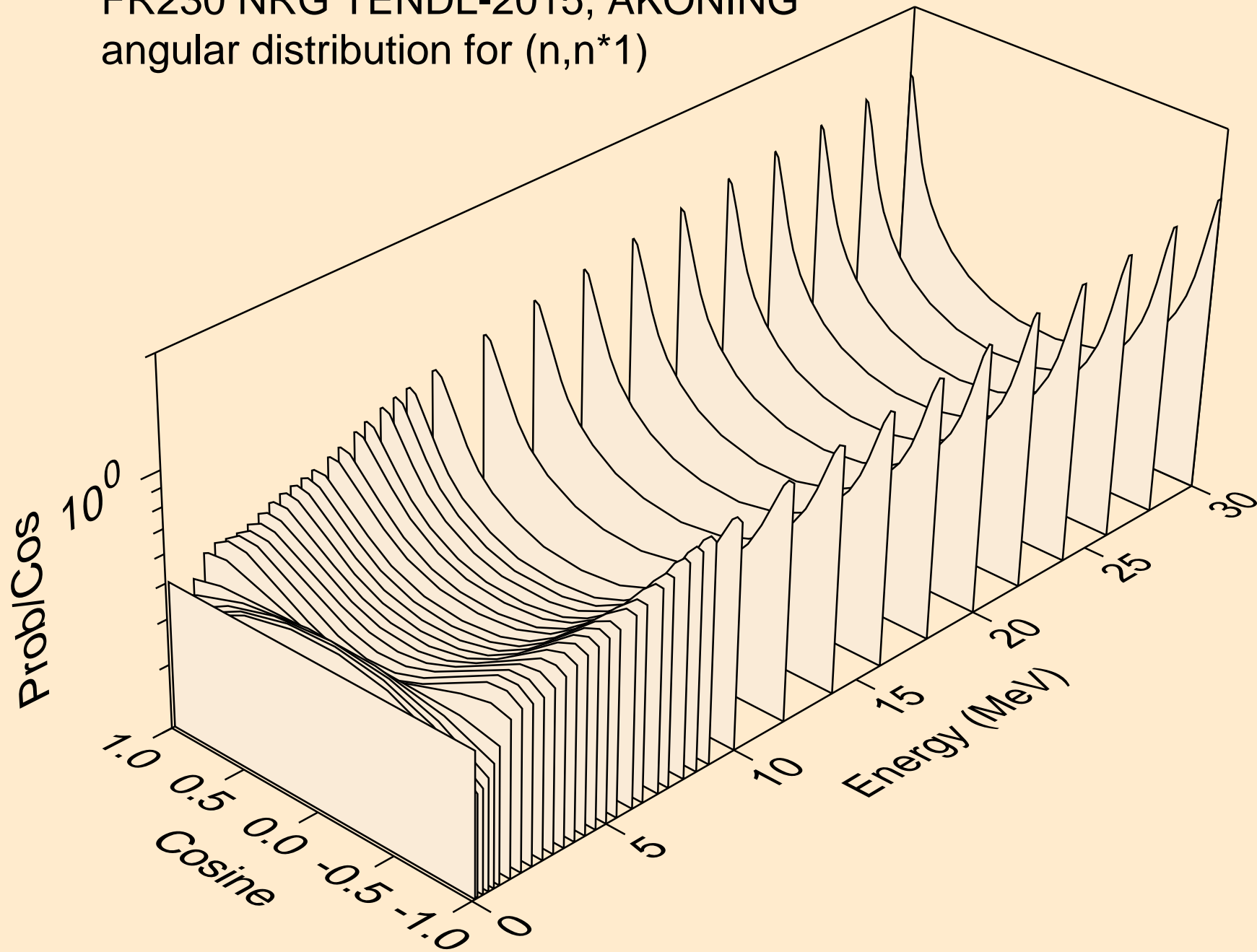
FR230 NRG TENDL-2015, AKONING  
angular distribution for elastic



FR230 NRG TENDL-2015, AKONING  
angular distribution for elastic

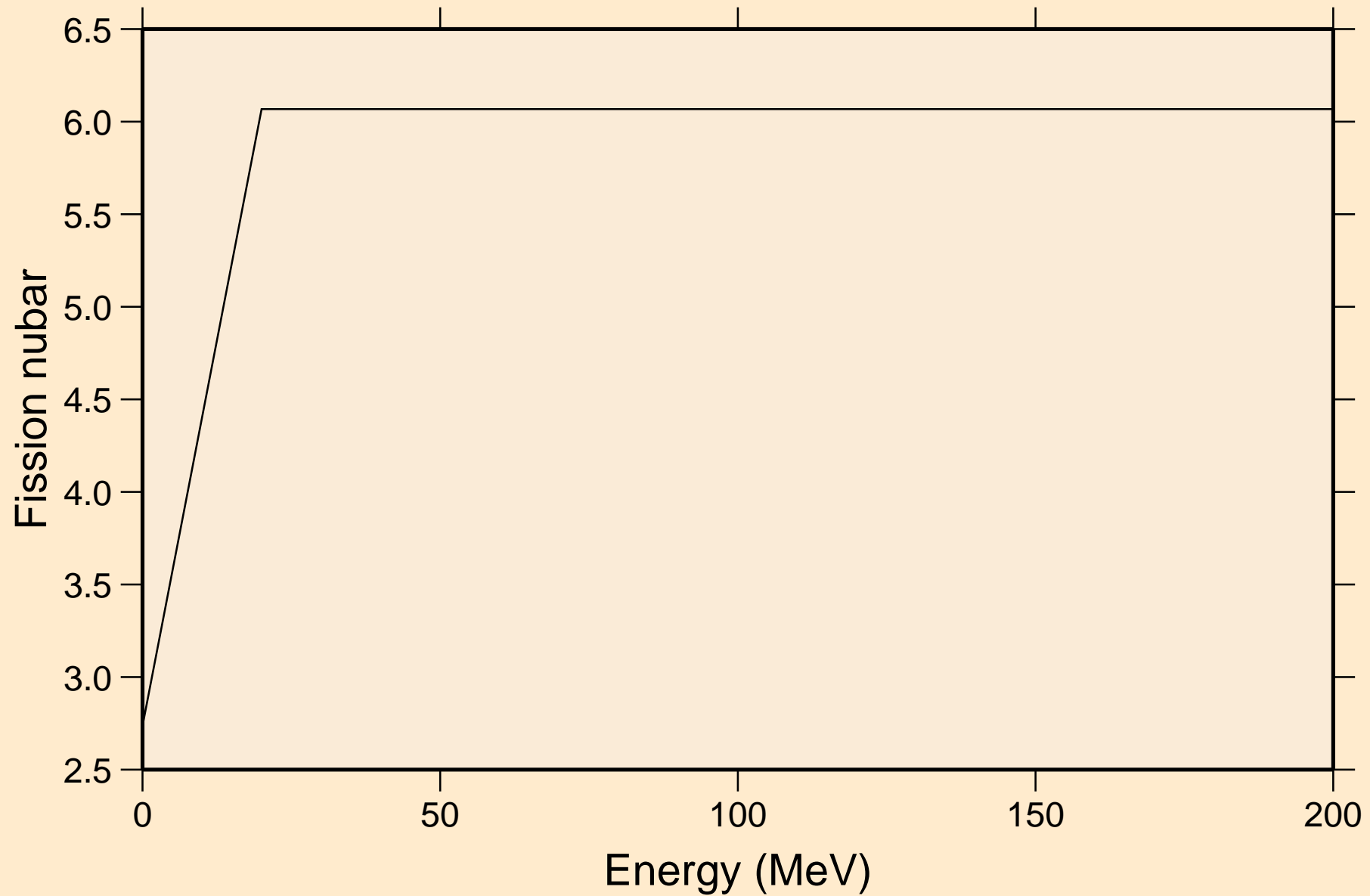


FR230 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

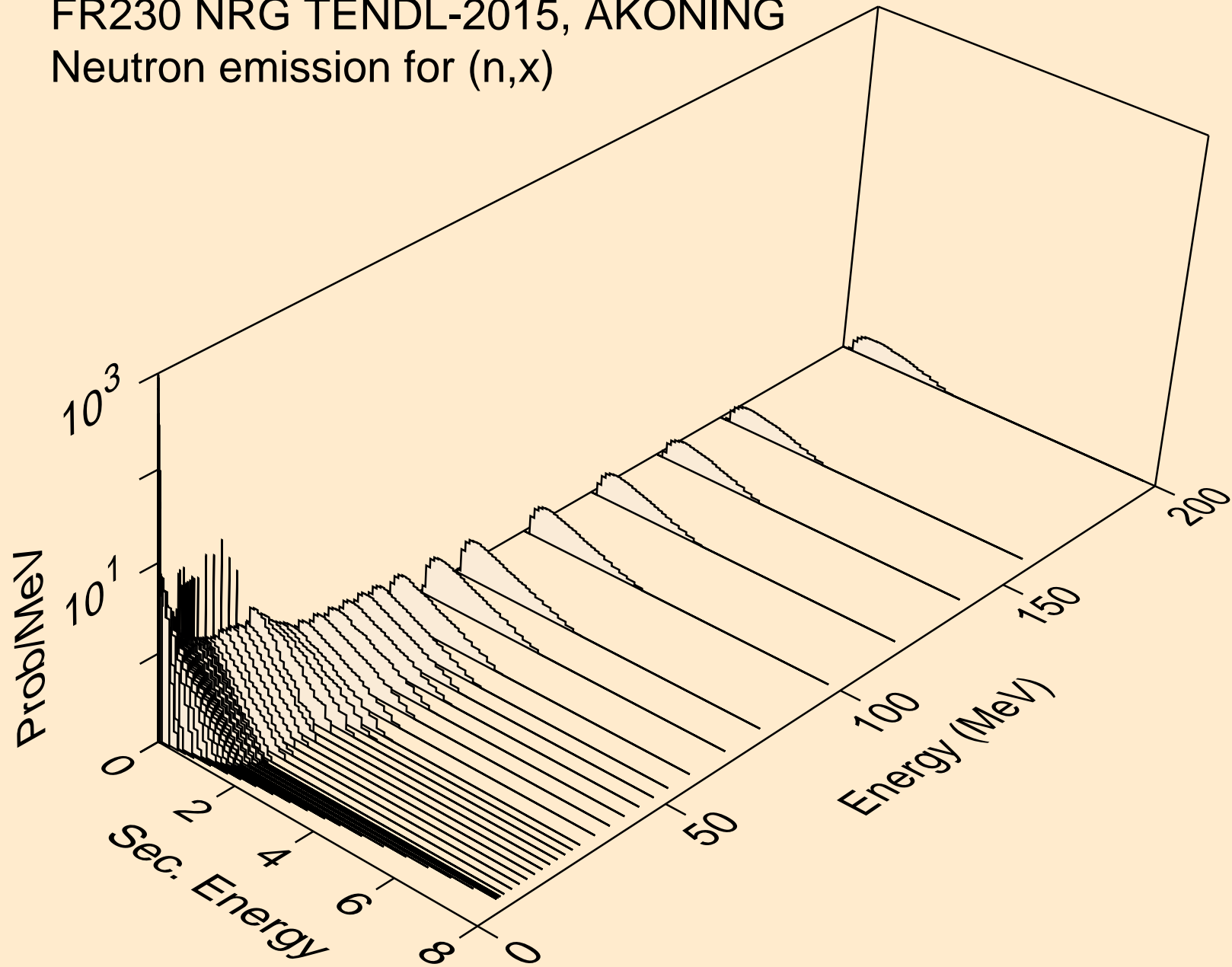


# FR230 NRG TENDL-2015, AKONING

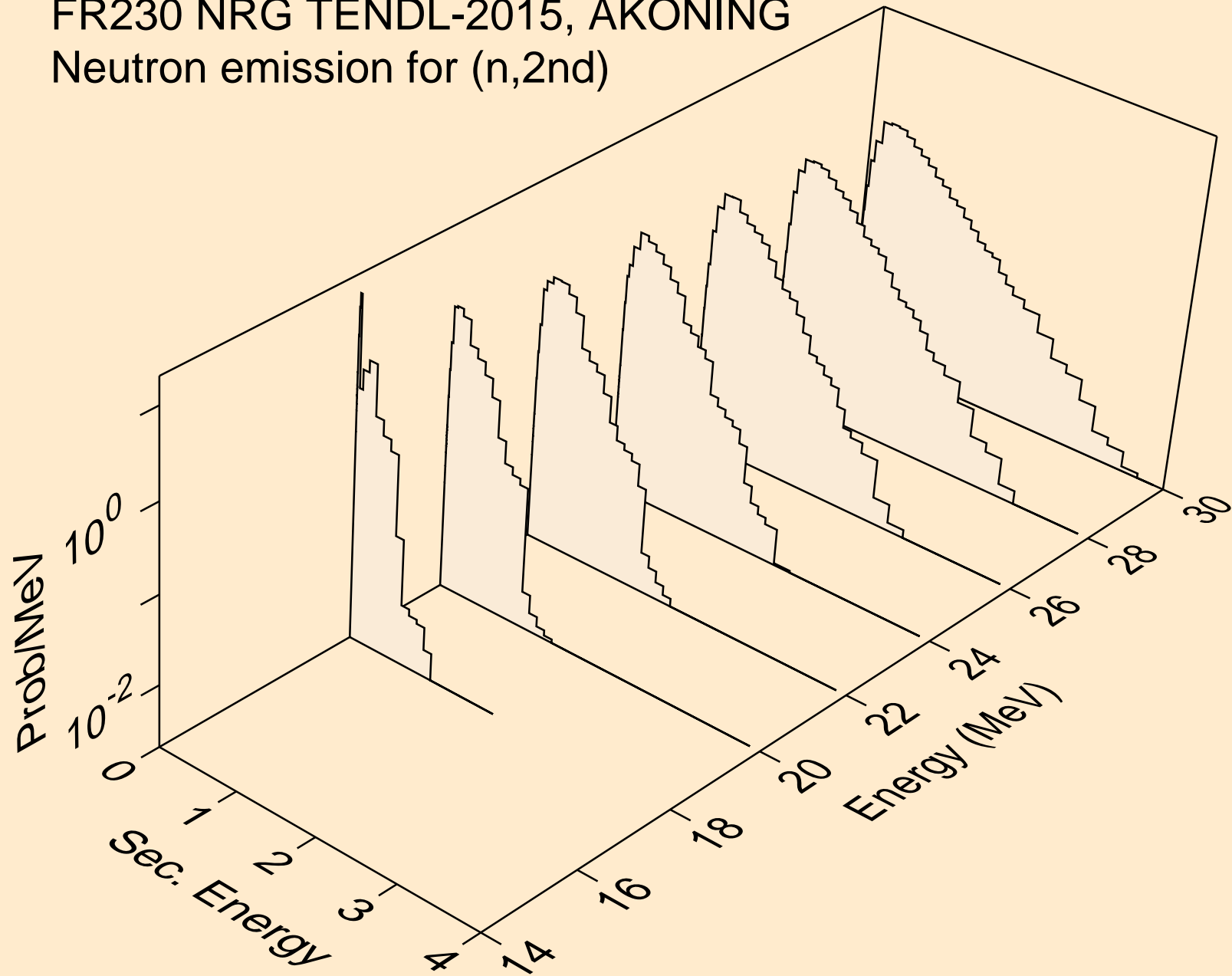
Total fission nubar



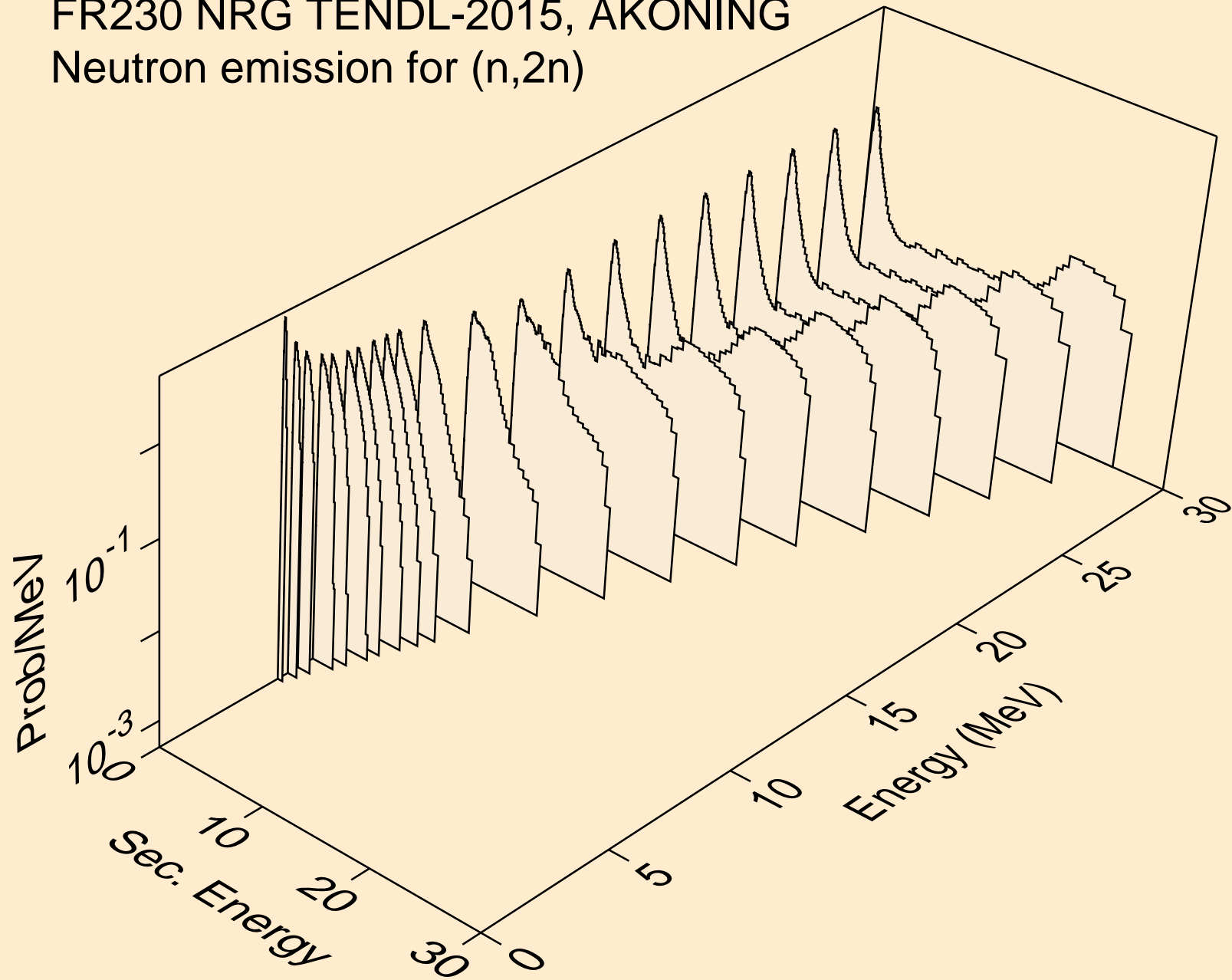
FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

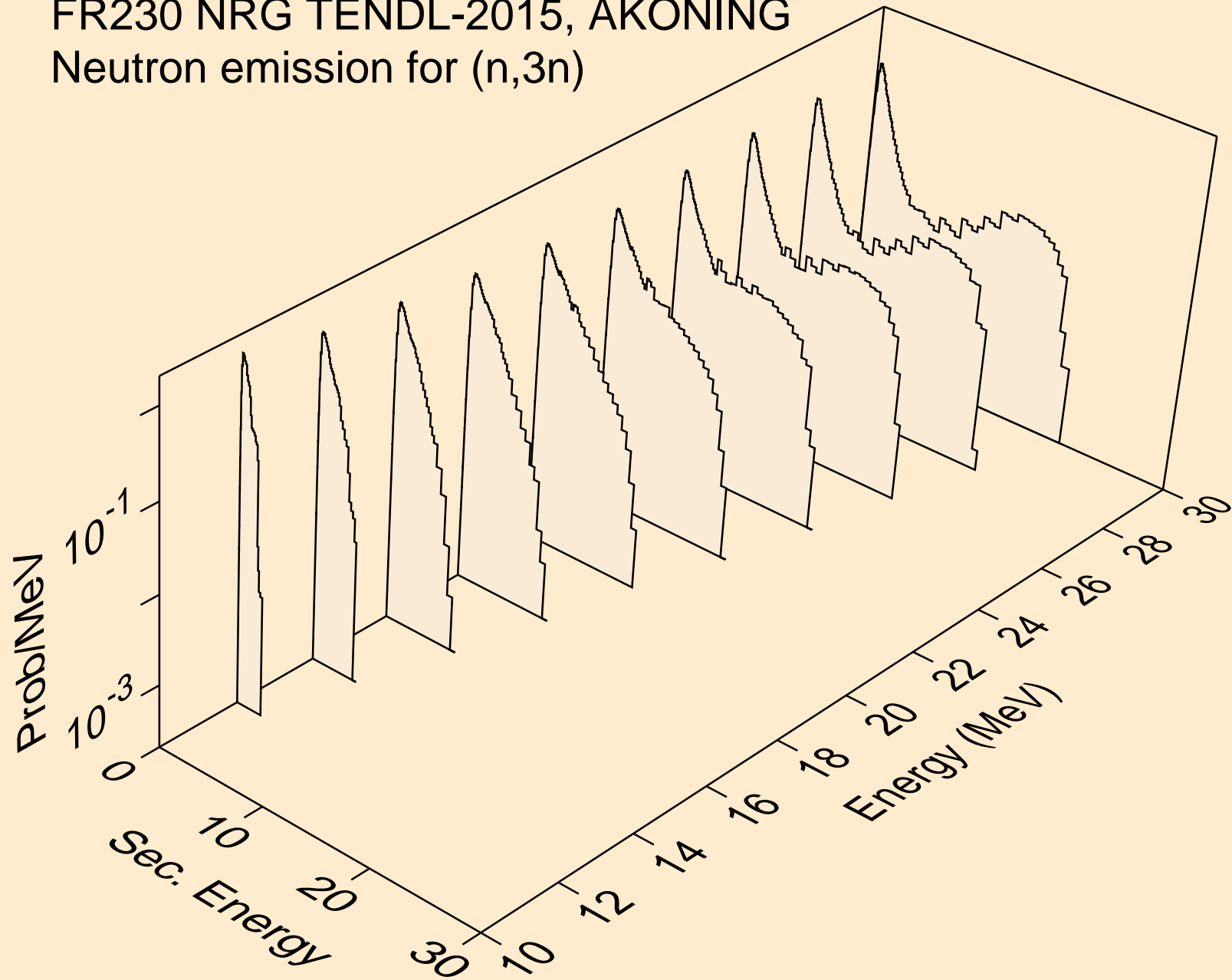


FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

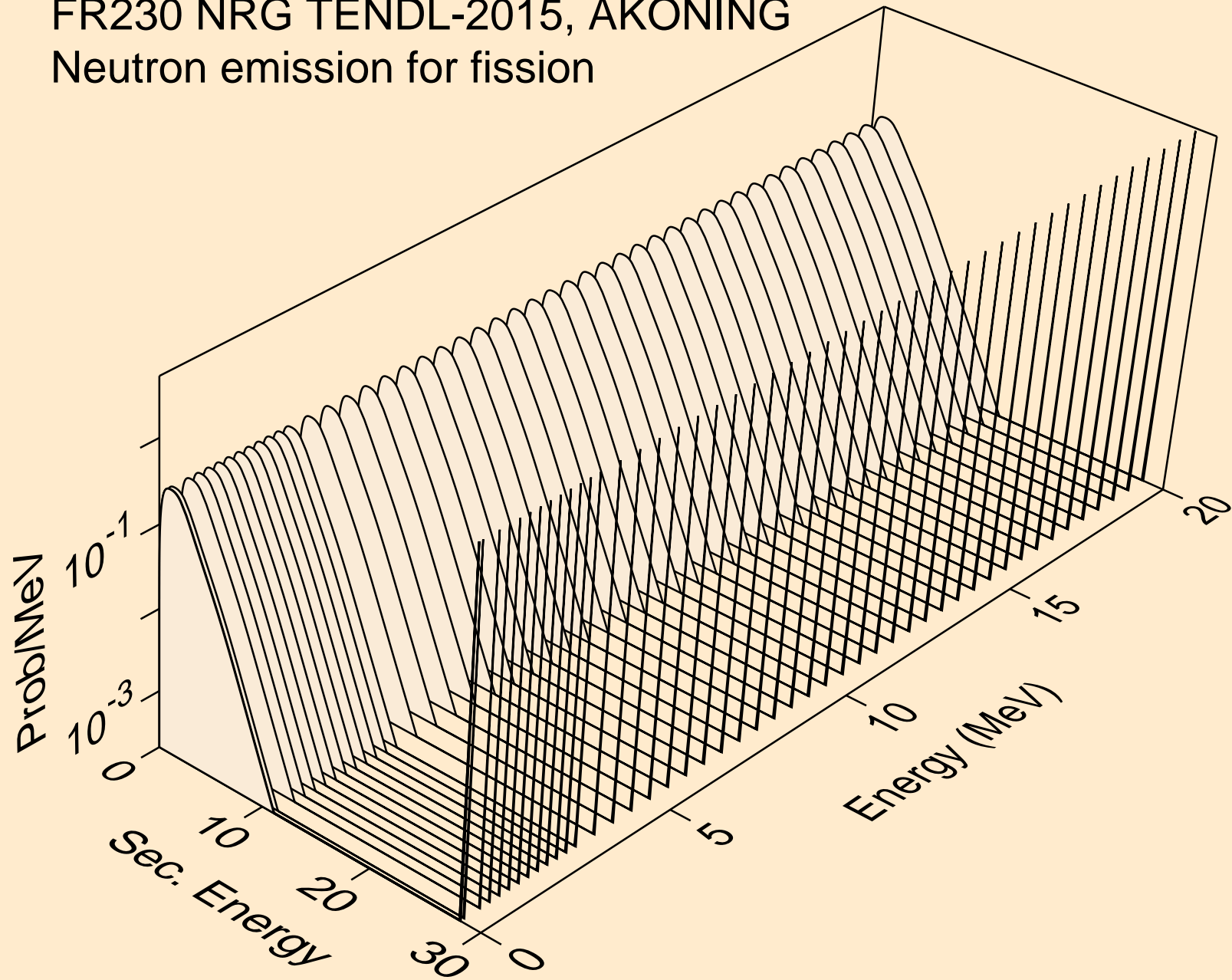




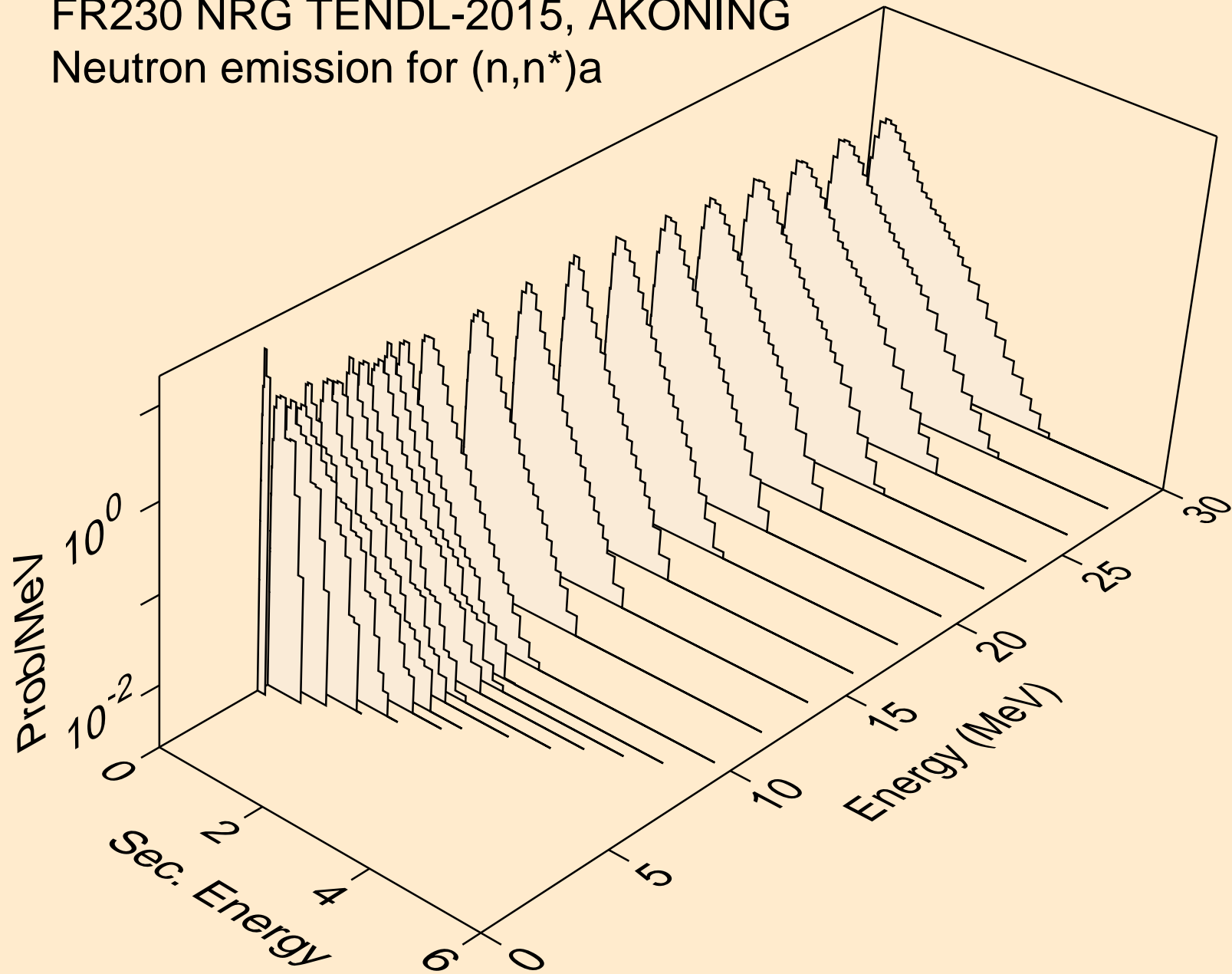
FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



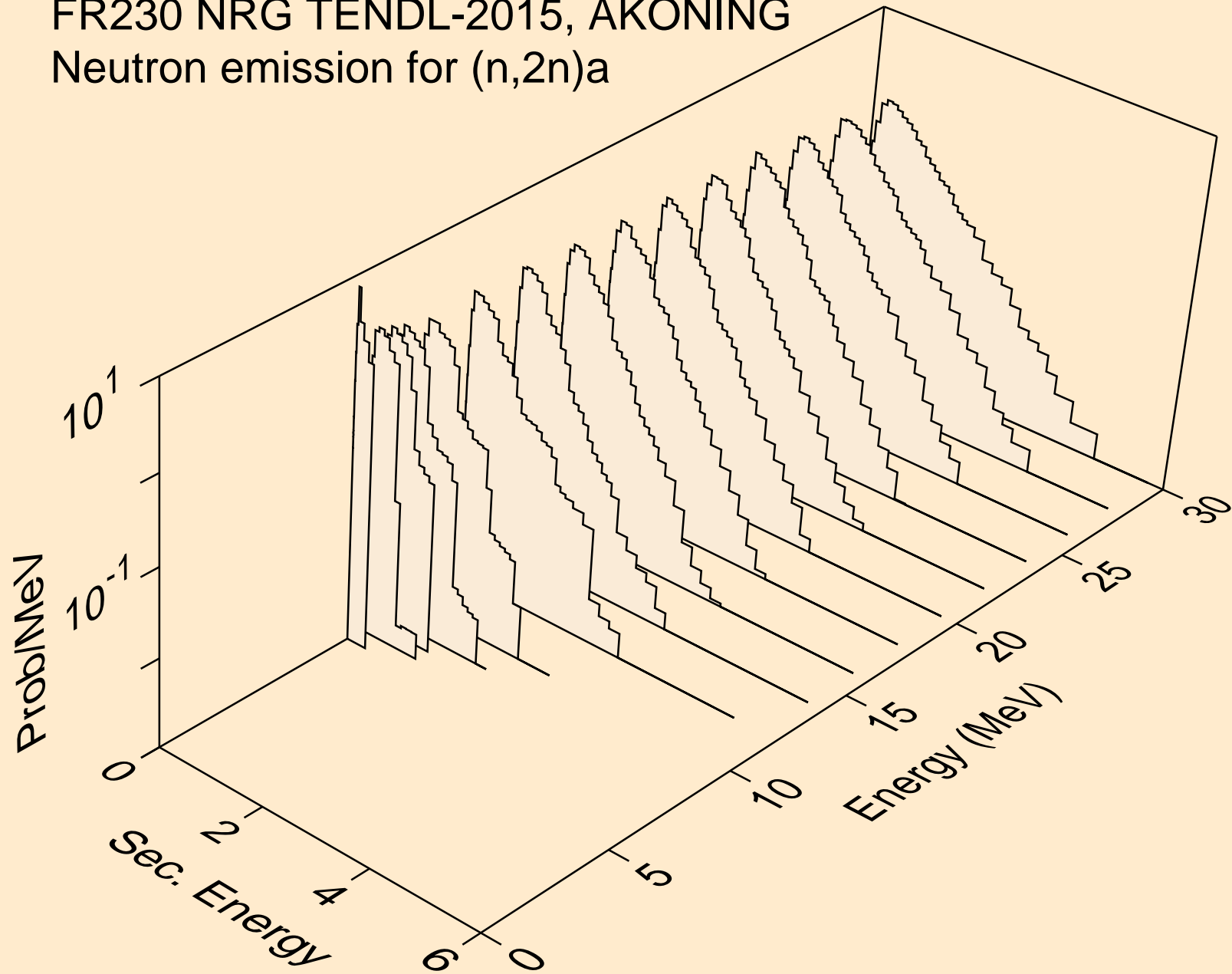
FR230 NRG TENDL-2015, AKONING  
Neutron emission for fission



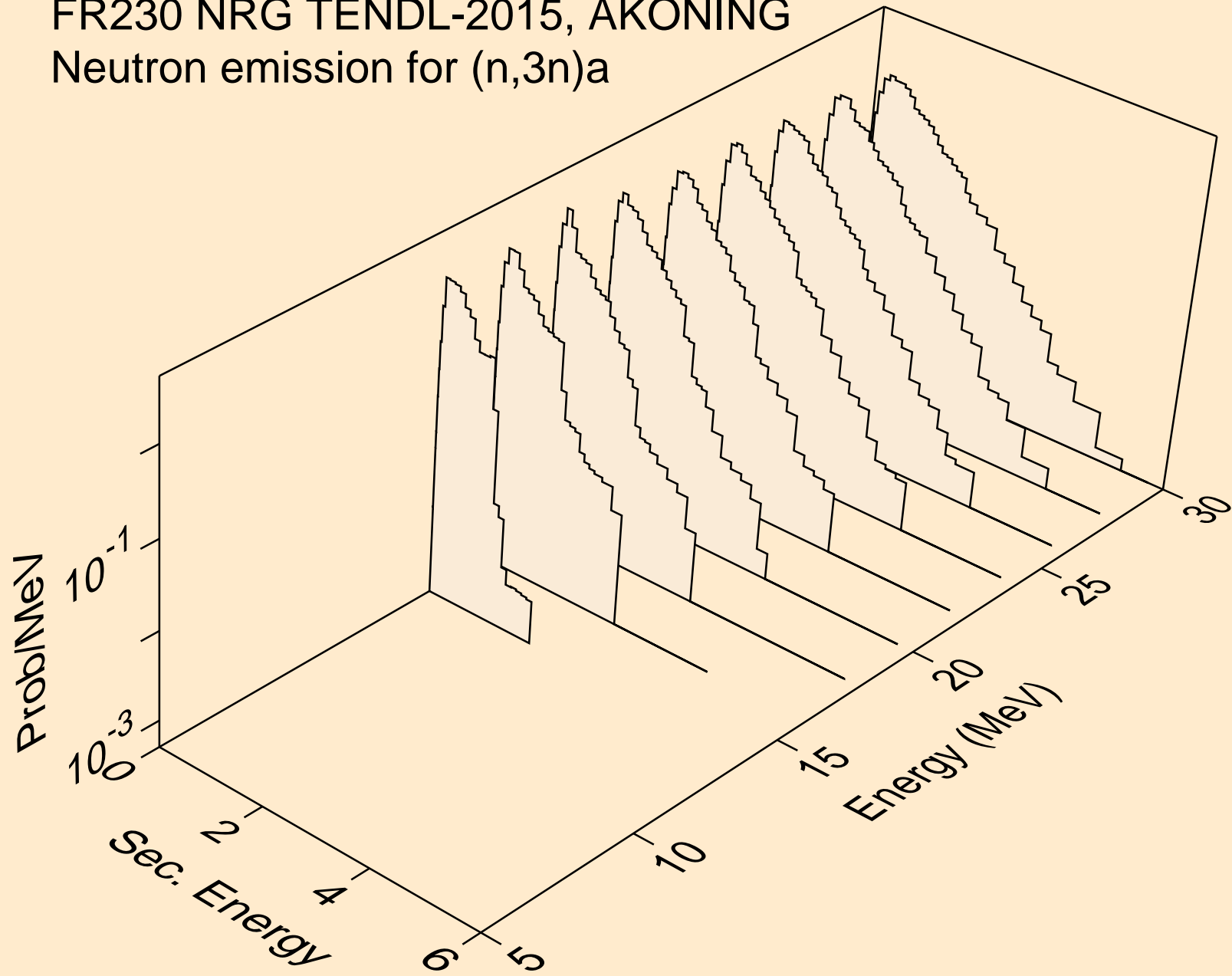
FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



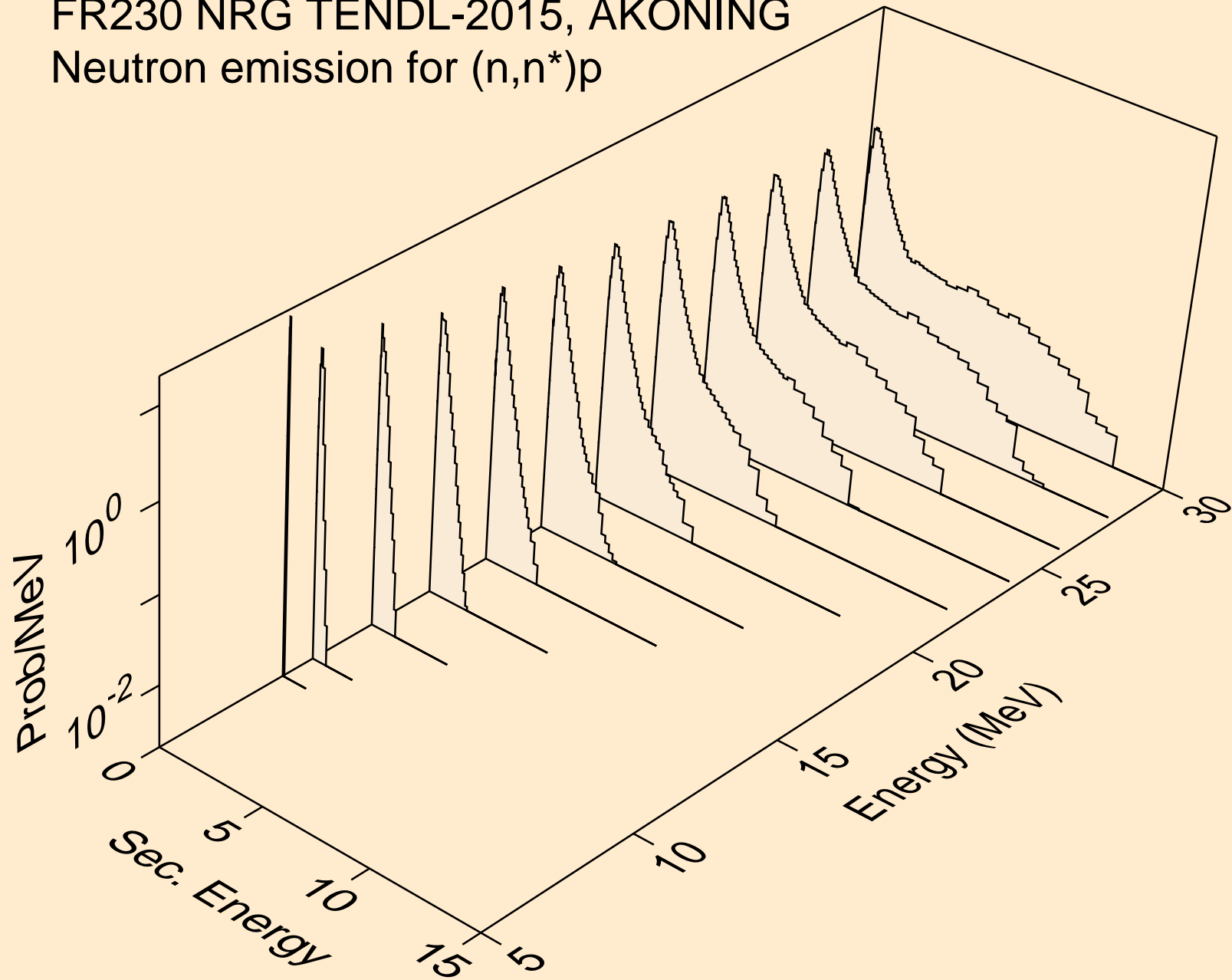
FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



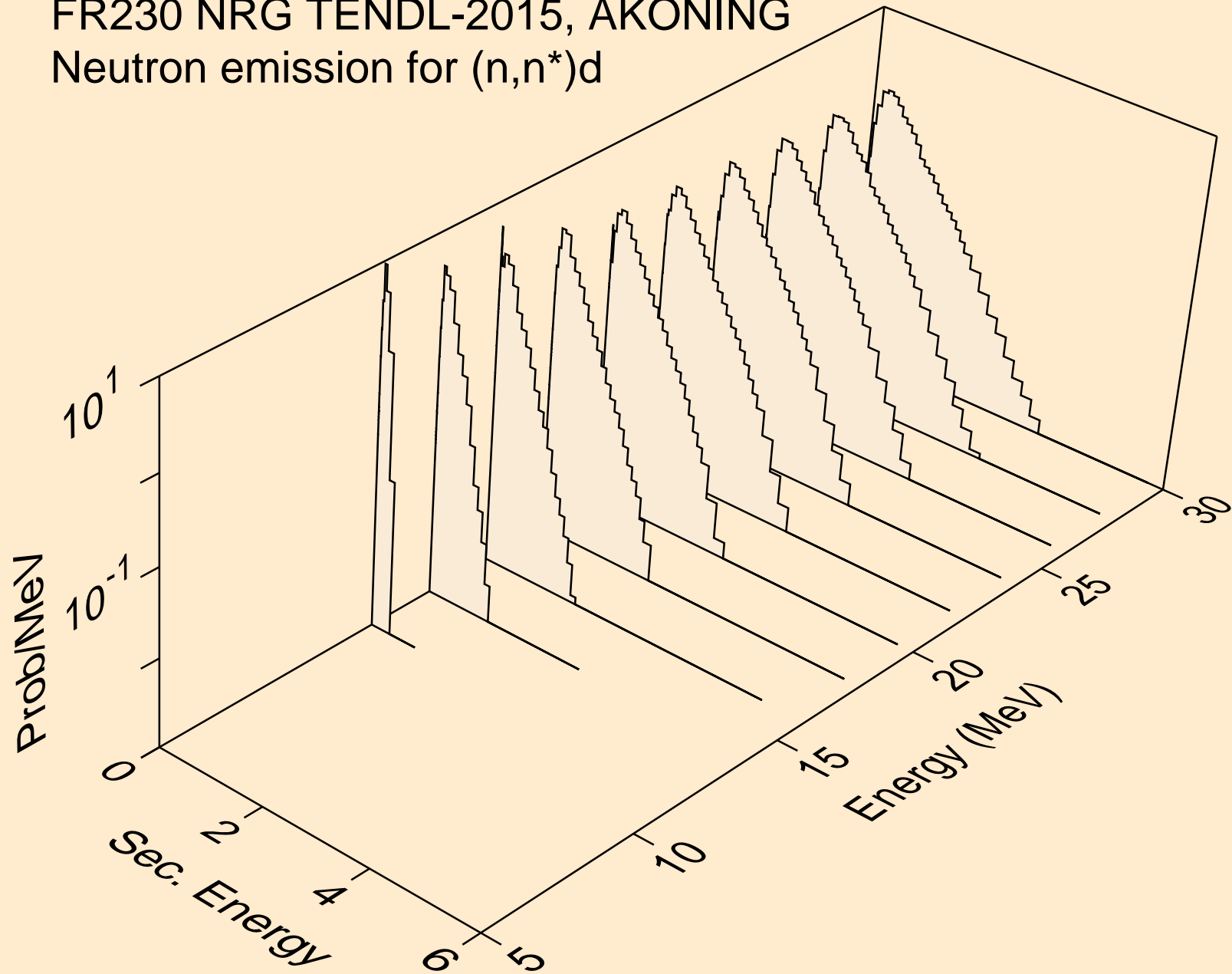
FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)<sub>a</sub>



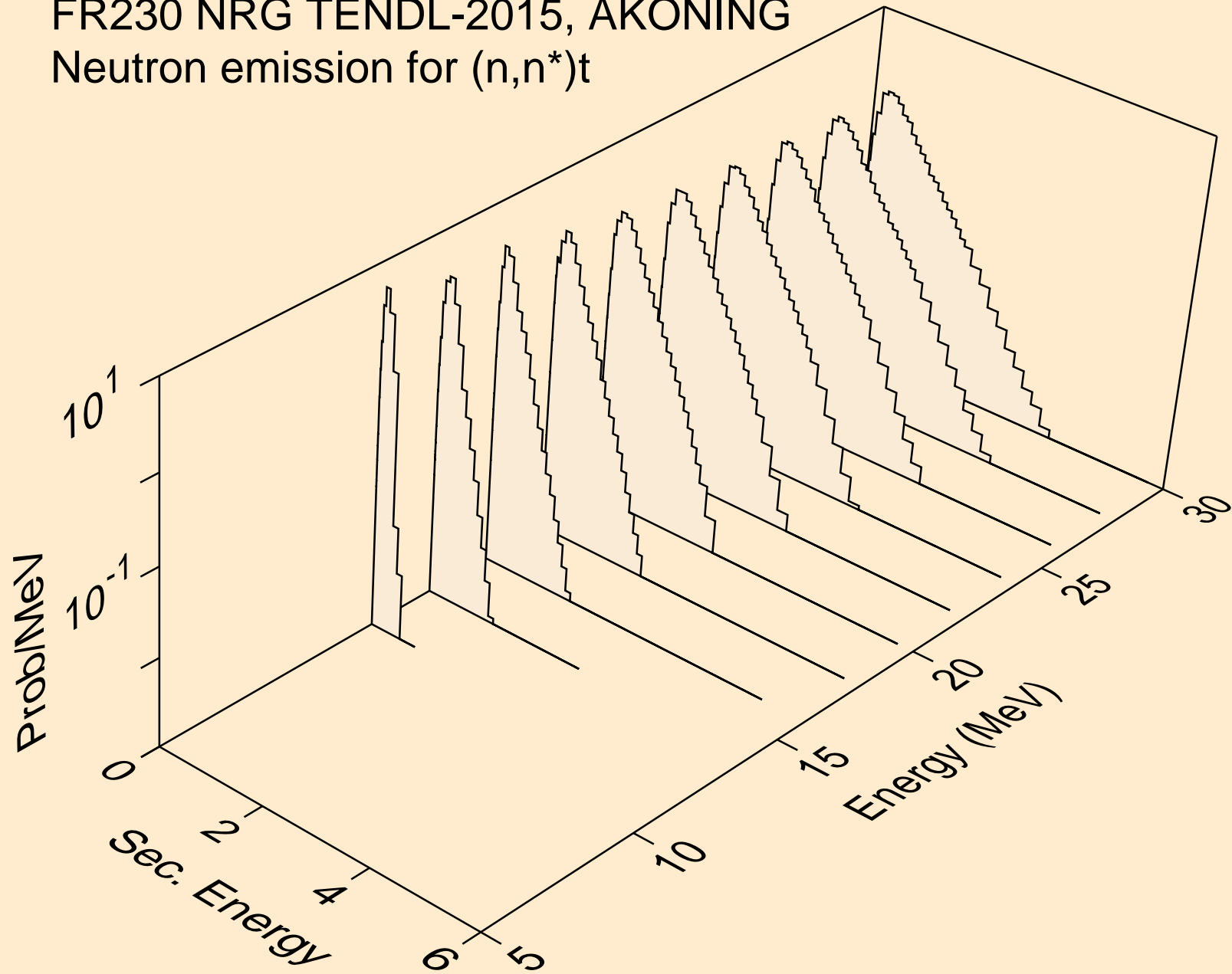
FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

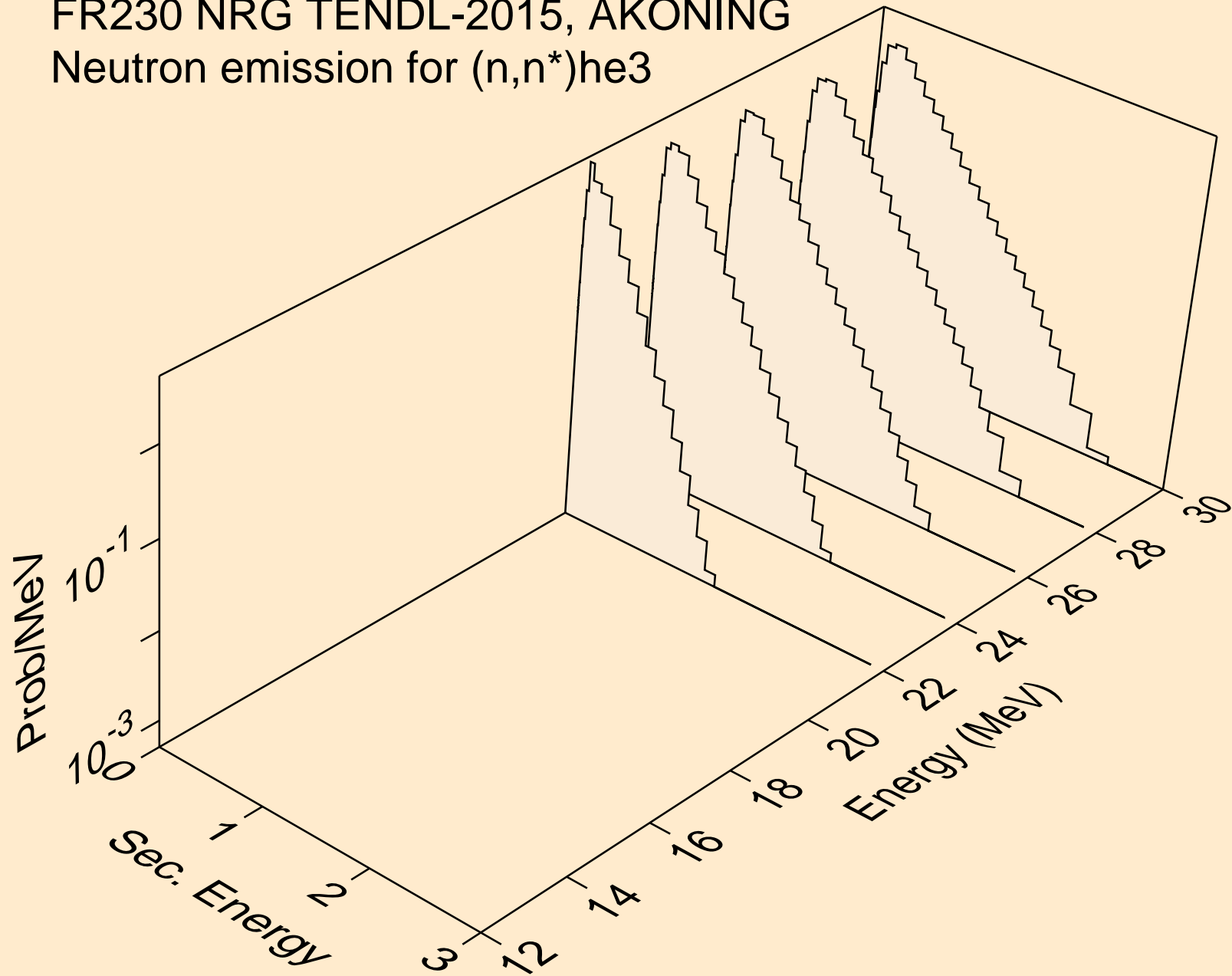


FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

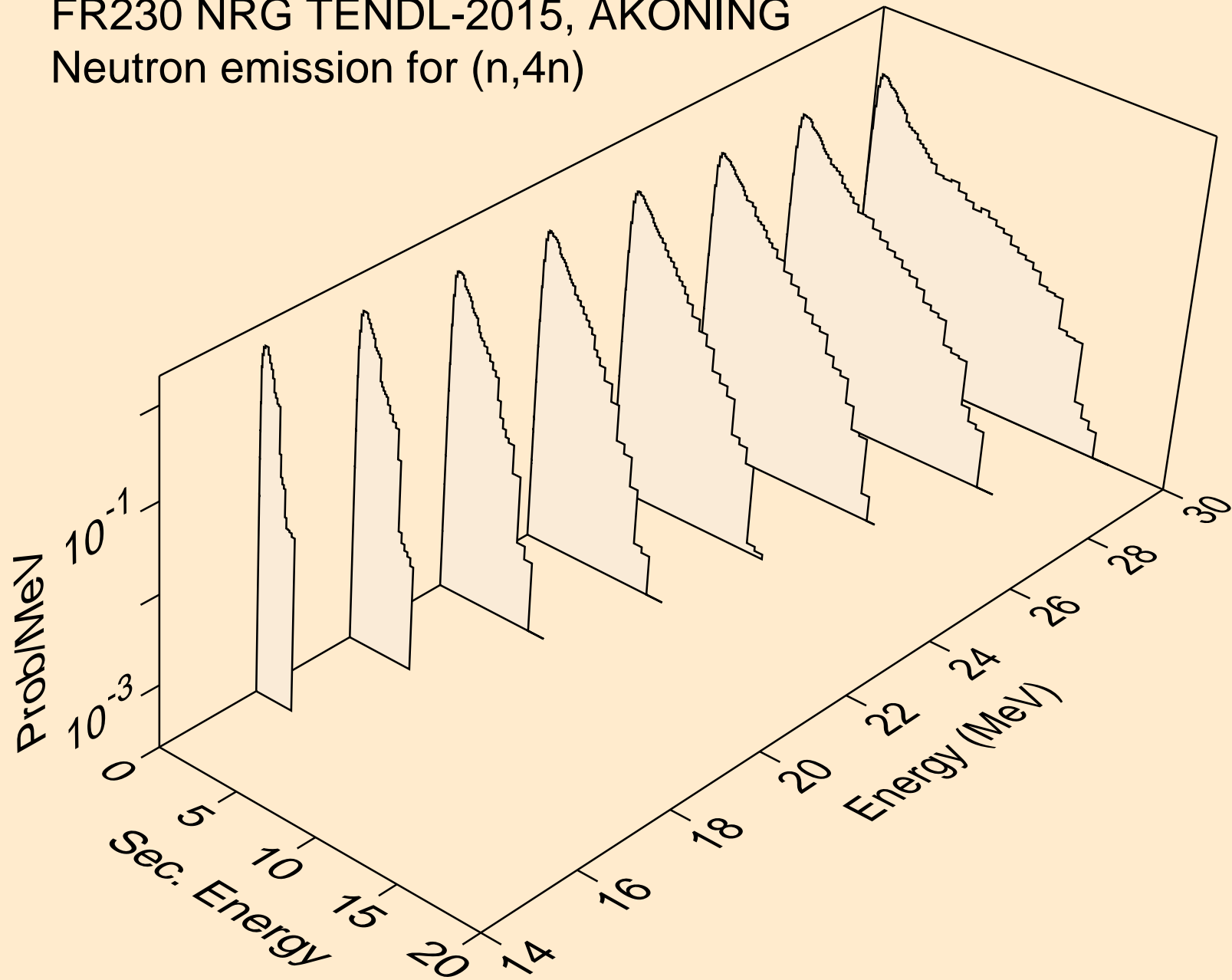




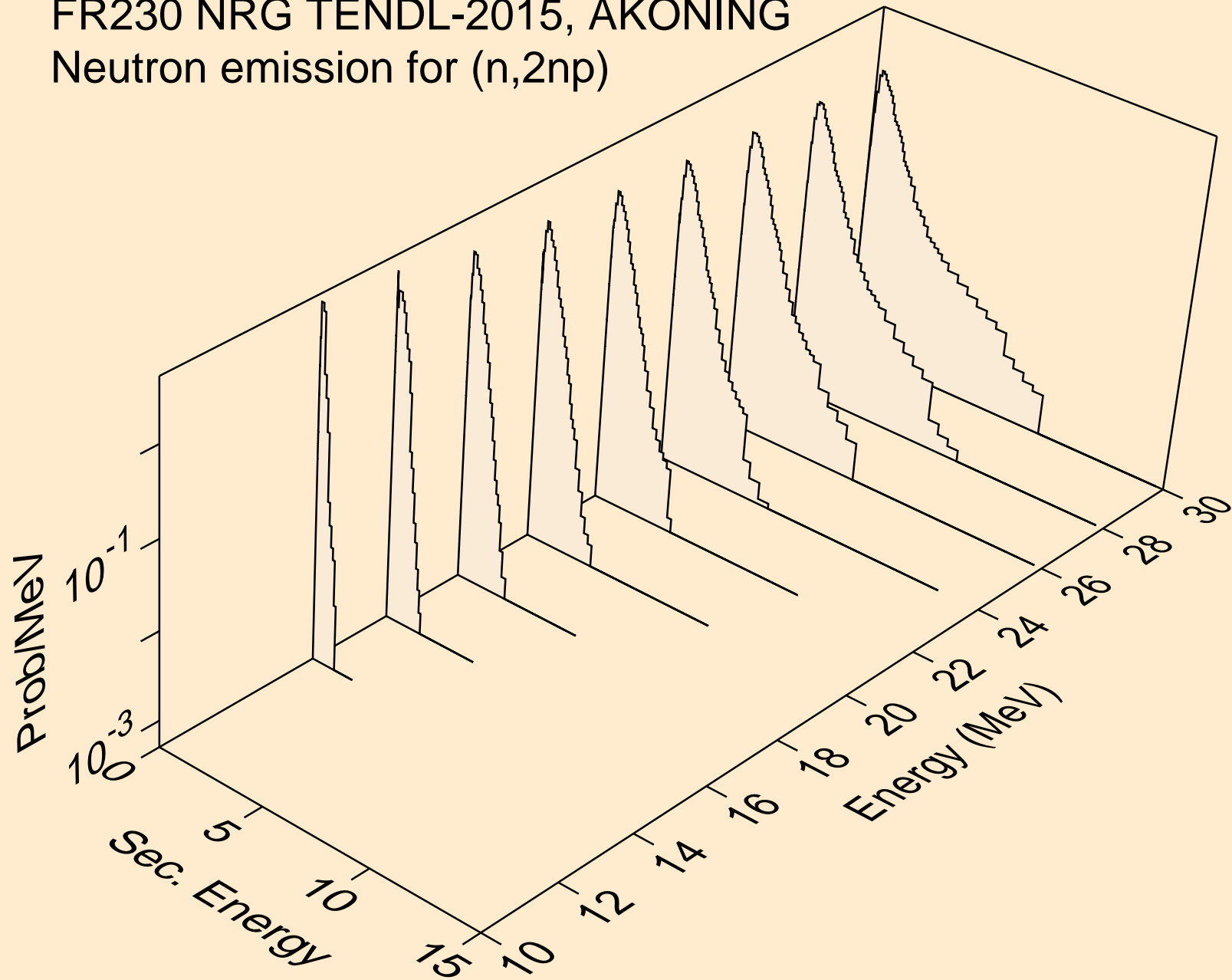
FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



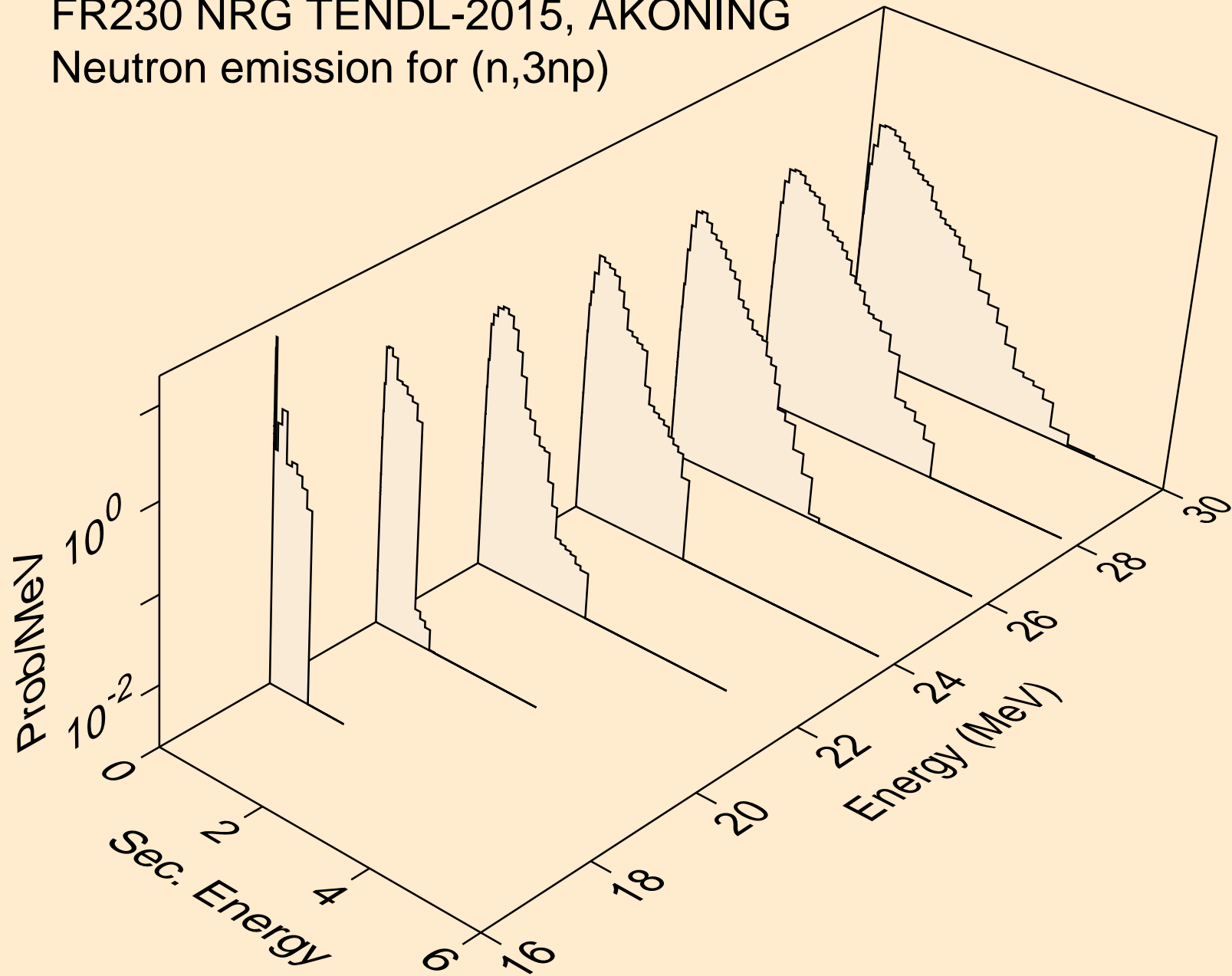
FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



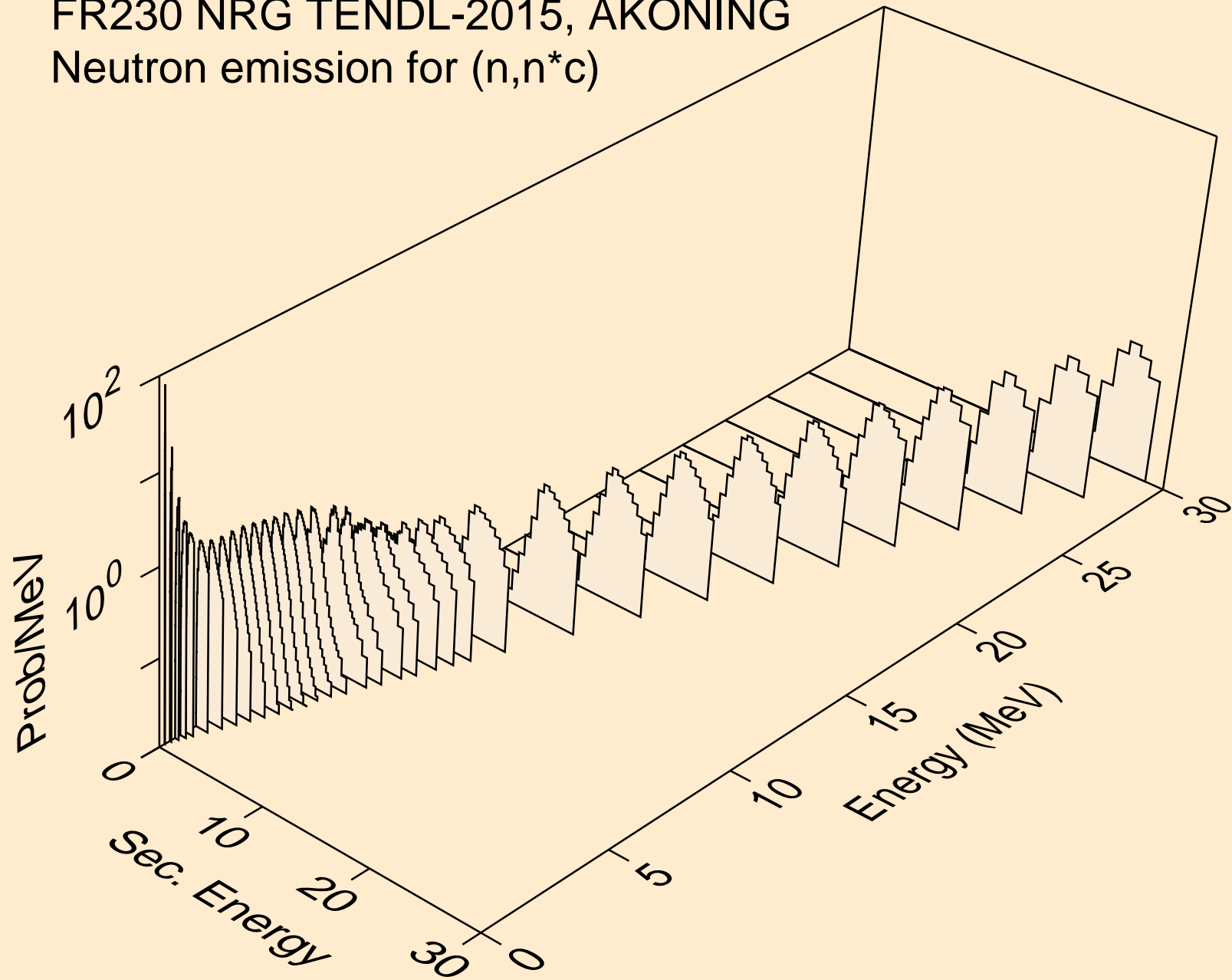
FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

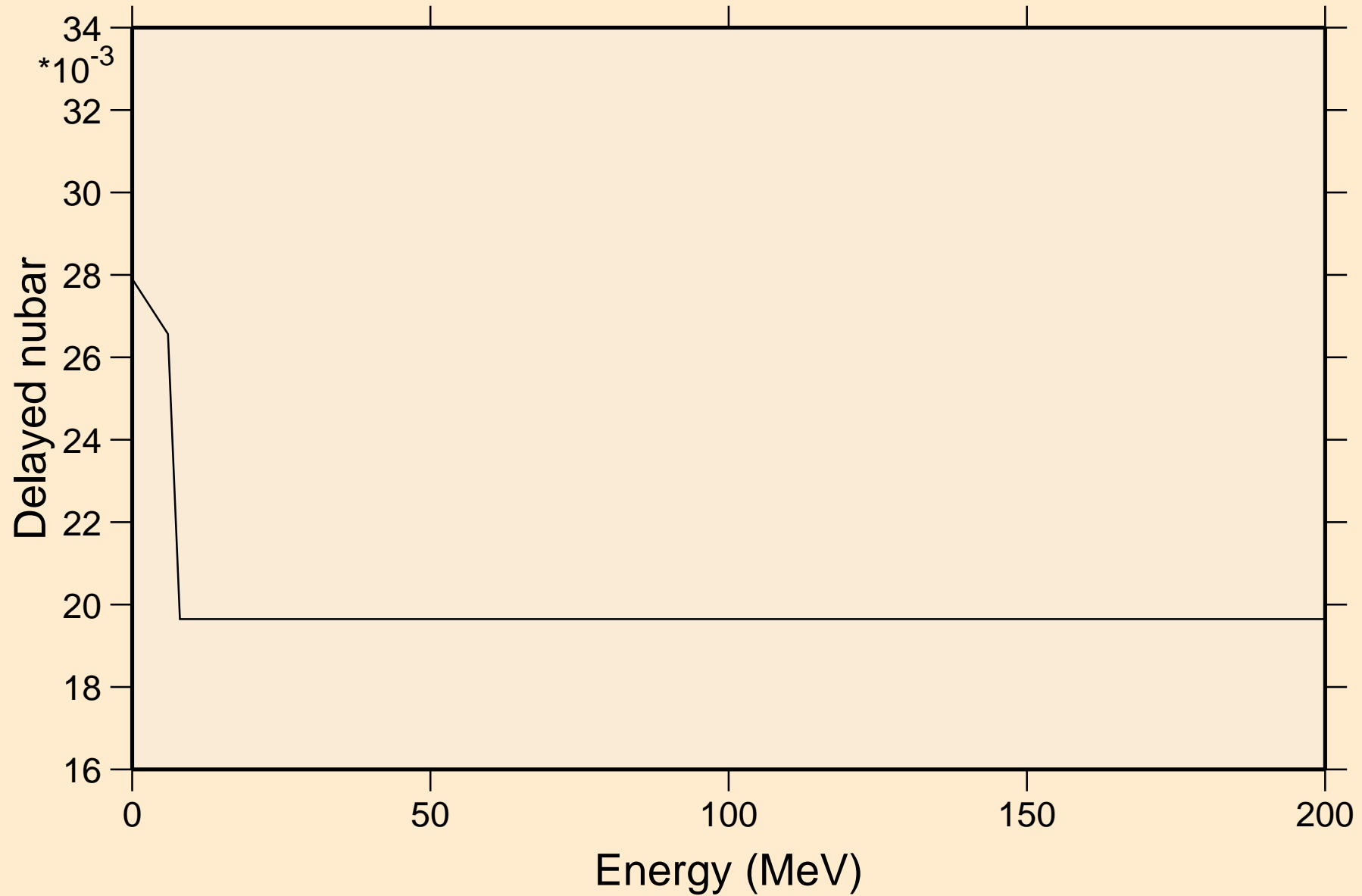


FR230 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



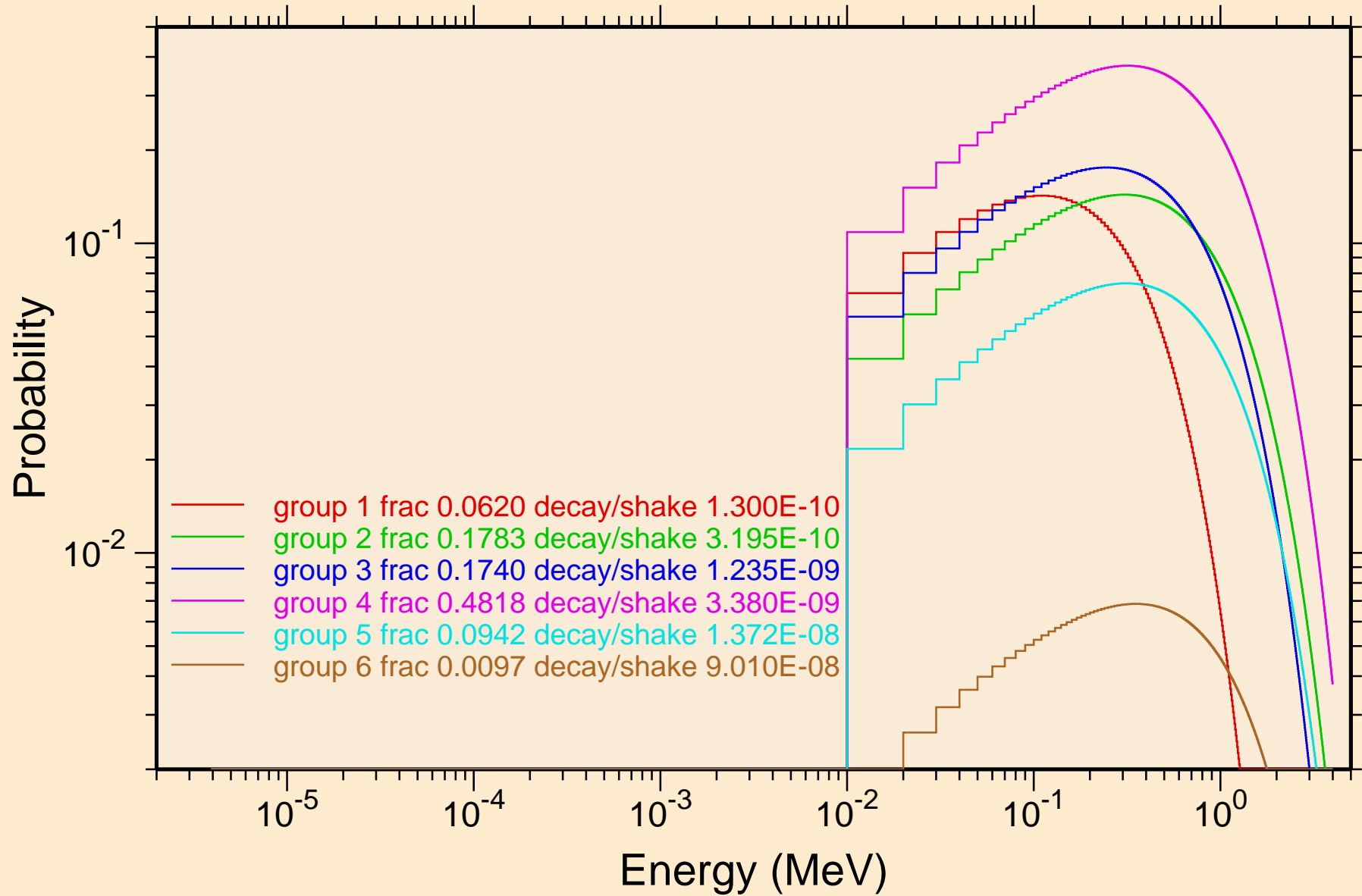
# FR230 NRG TENDL-2015, AKONING

Delayed nubar

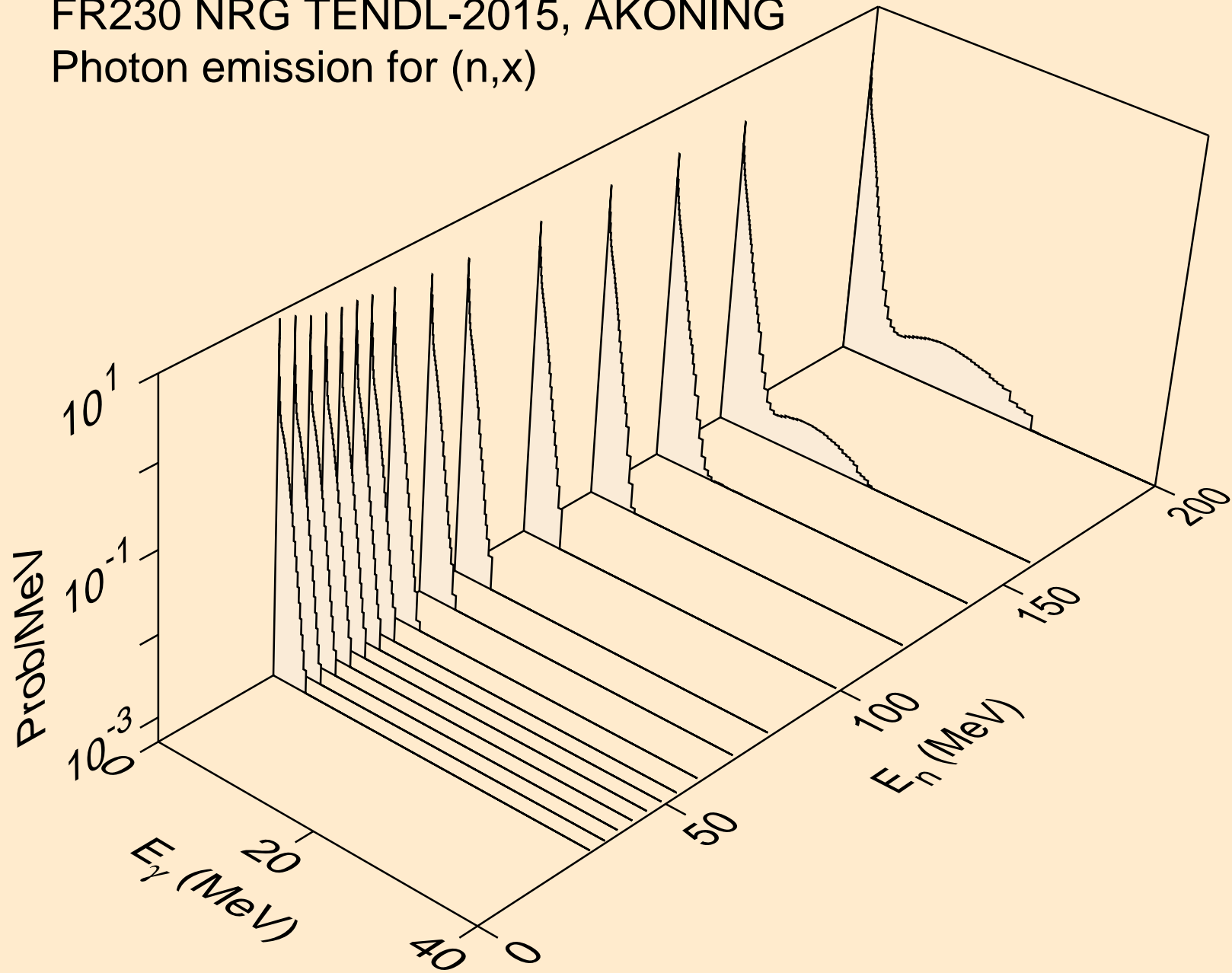


# FR230 NRG TENDL-2015, AKONING

## Delayed neutron spectra

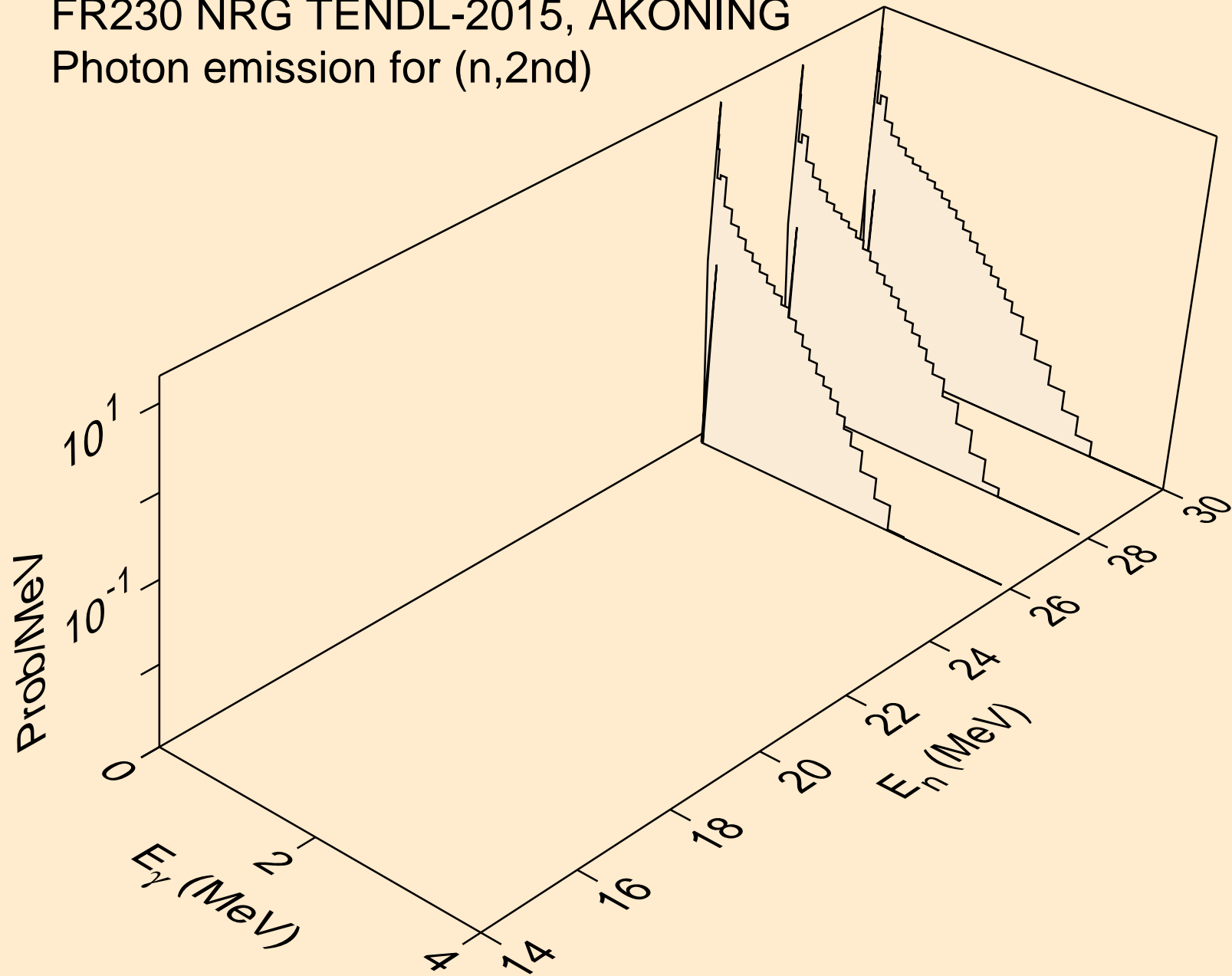


FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

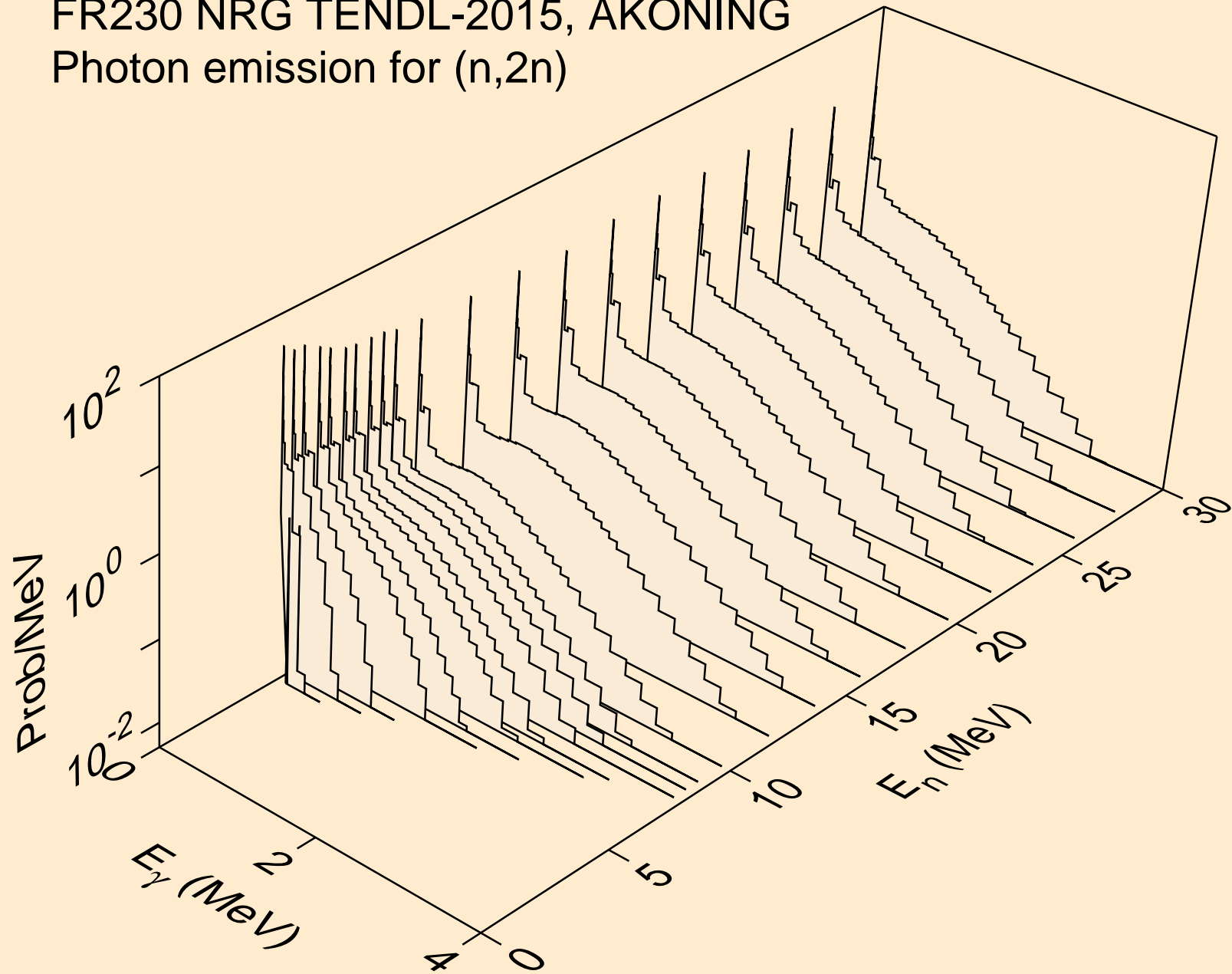




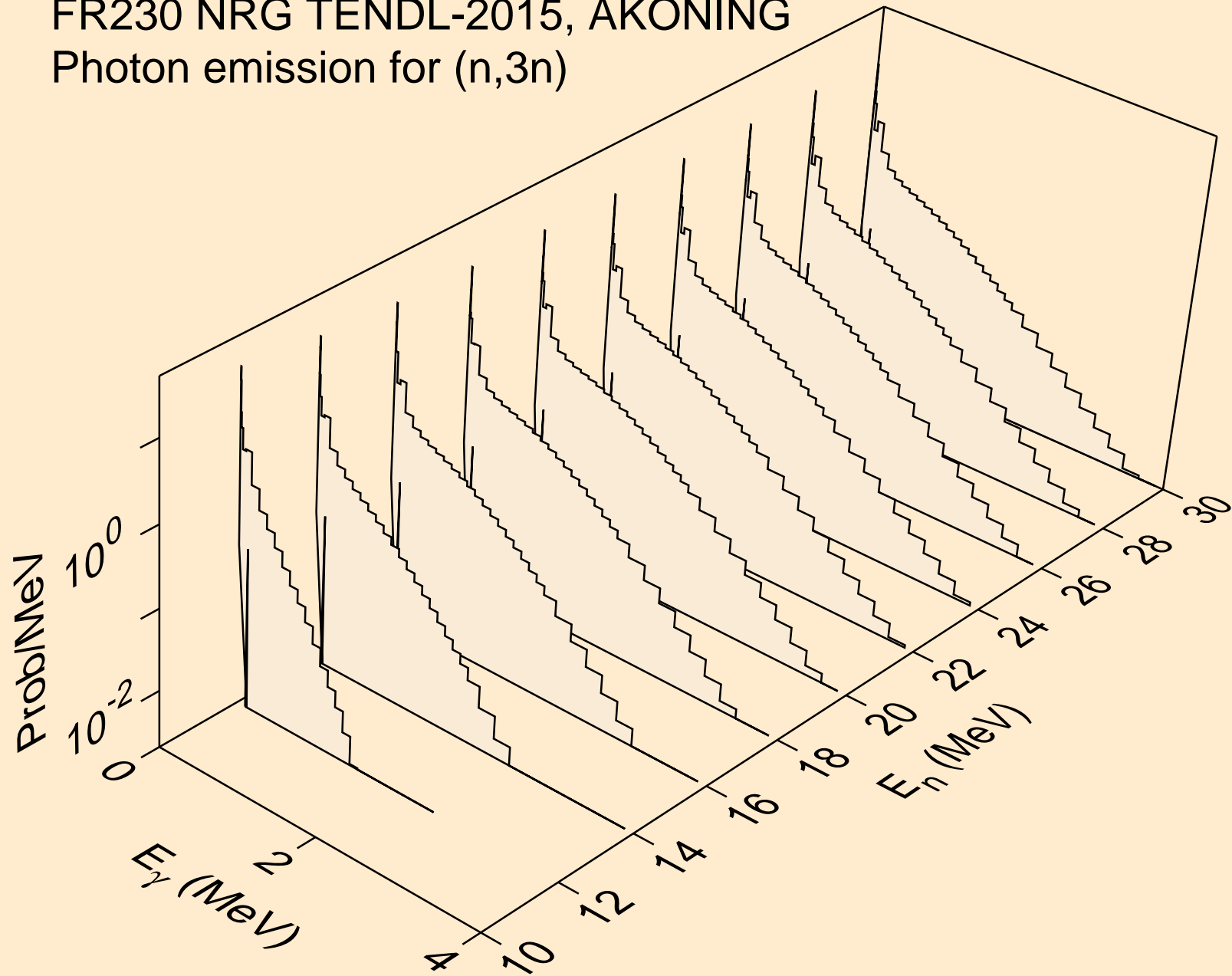
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



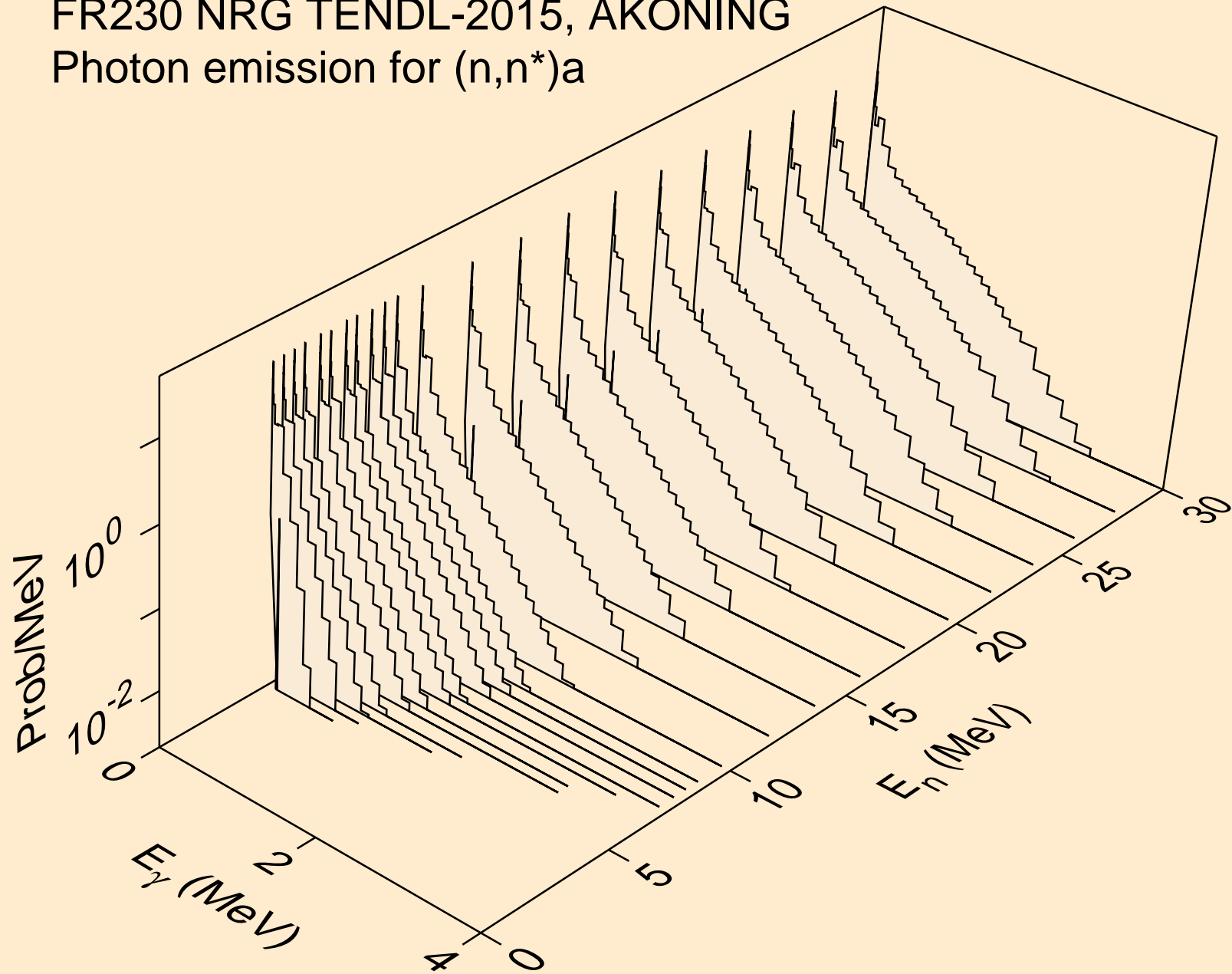
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



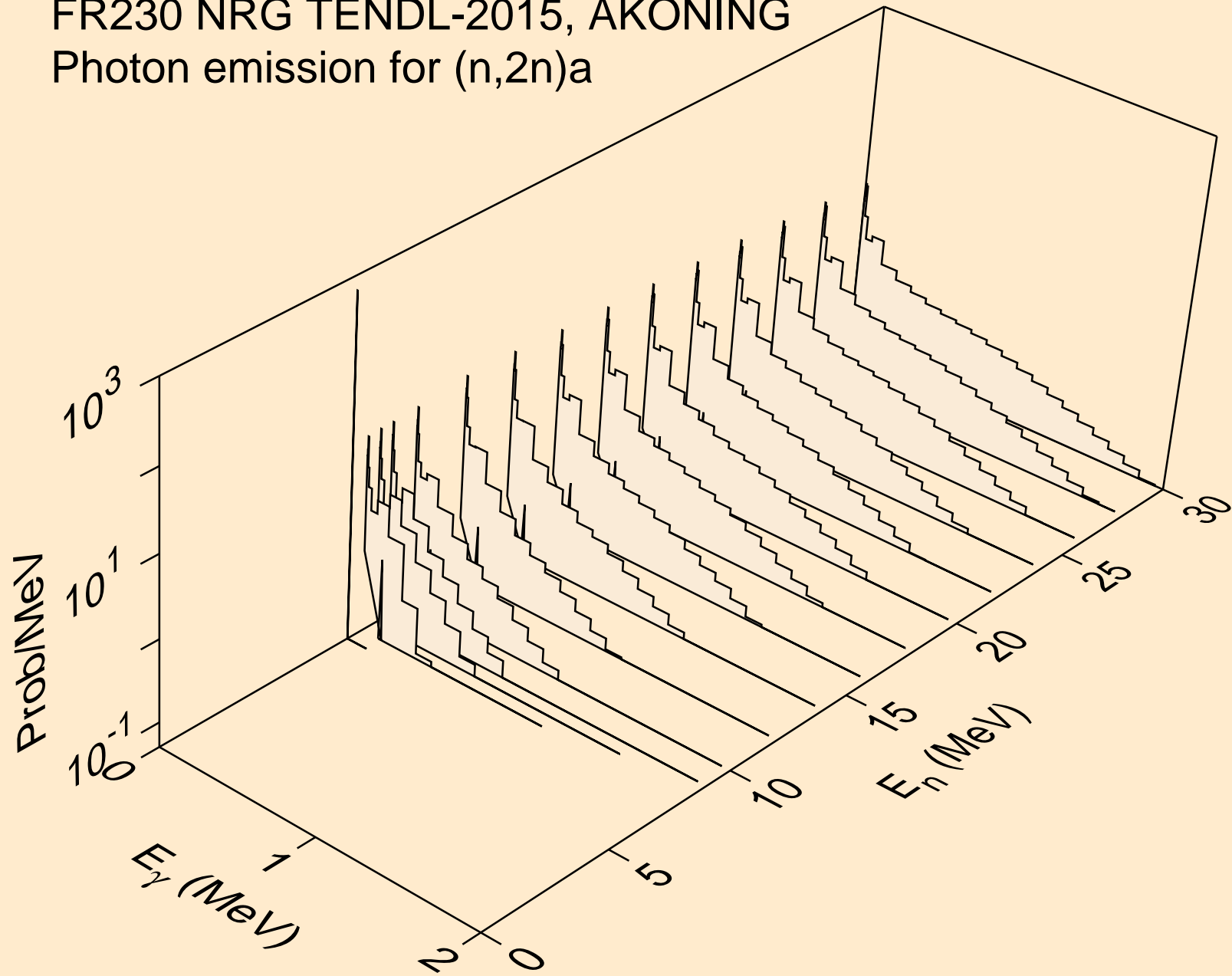
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



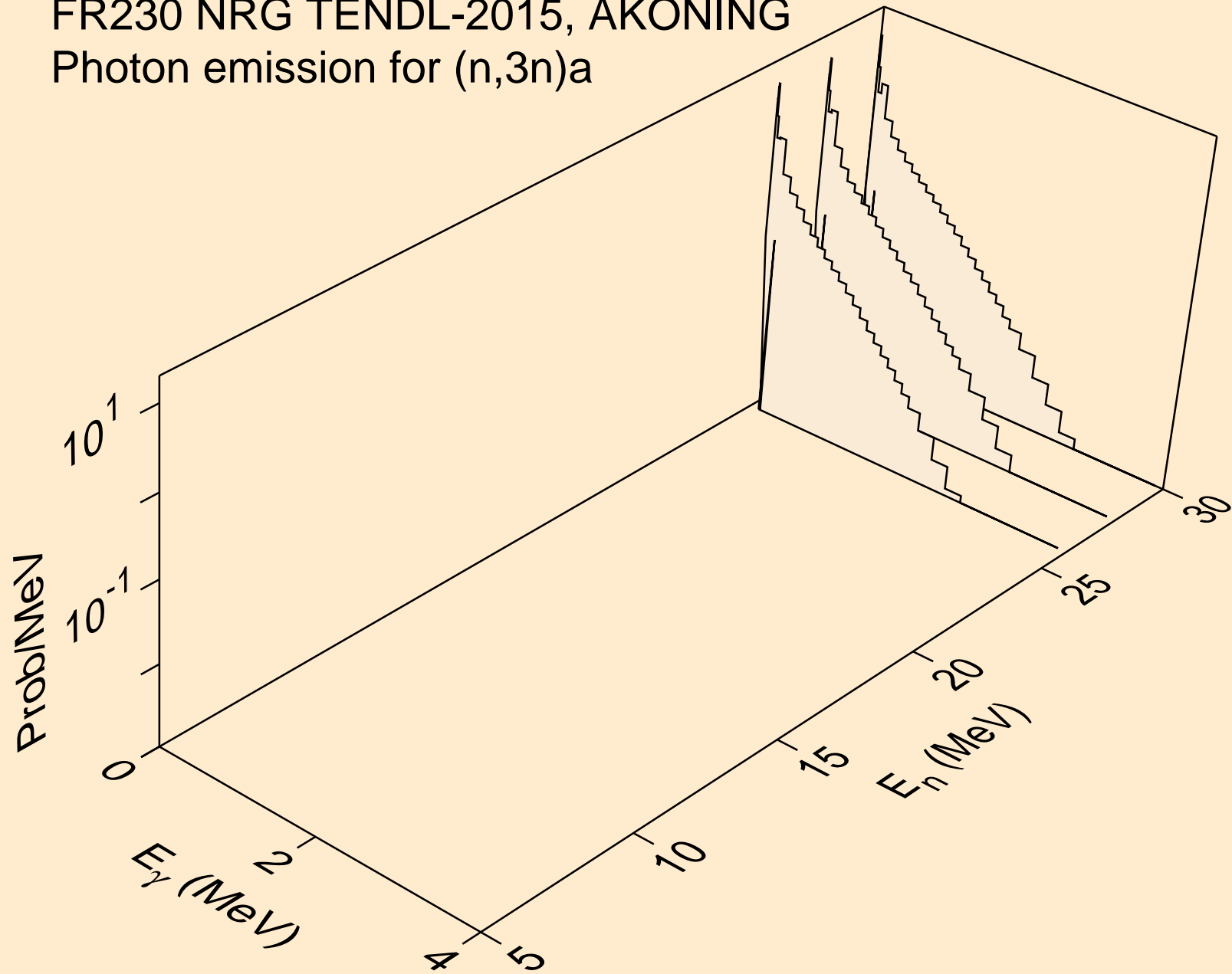
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



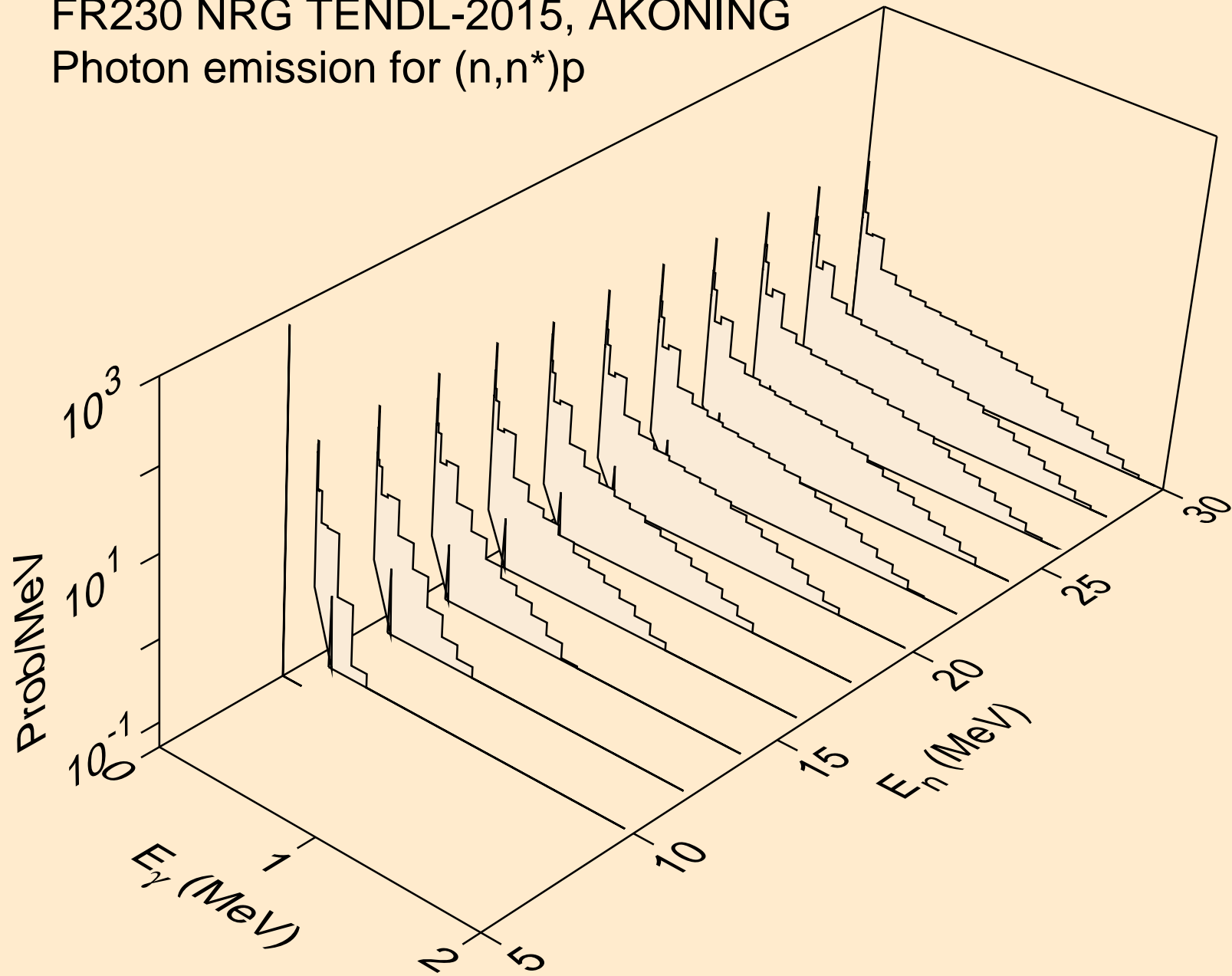
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)<sub>a</sub>



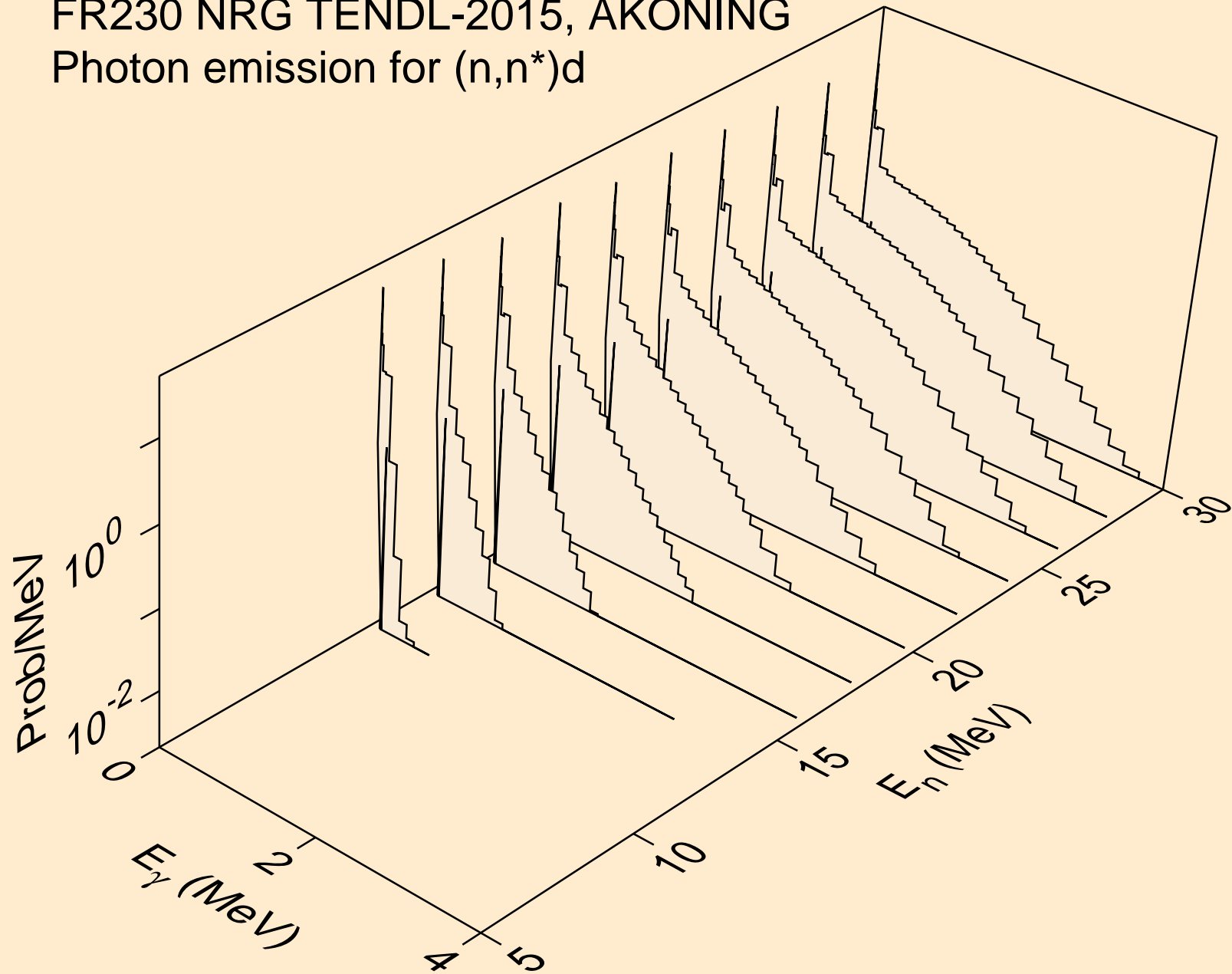
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

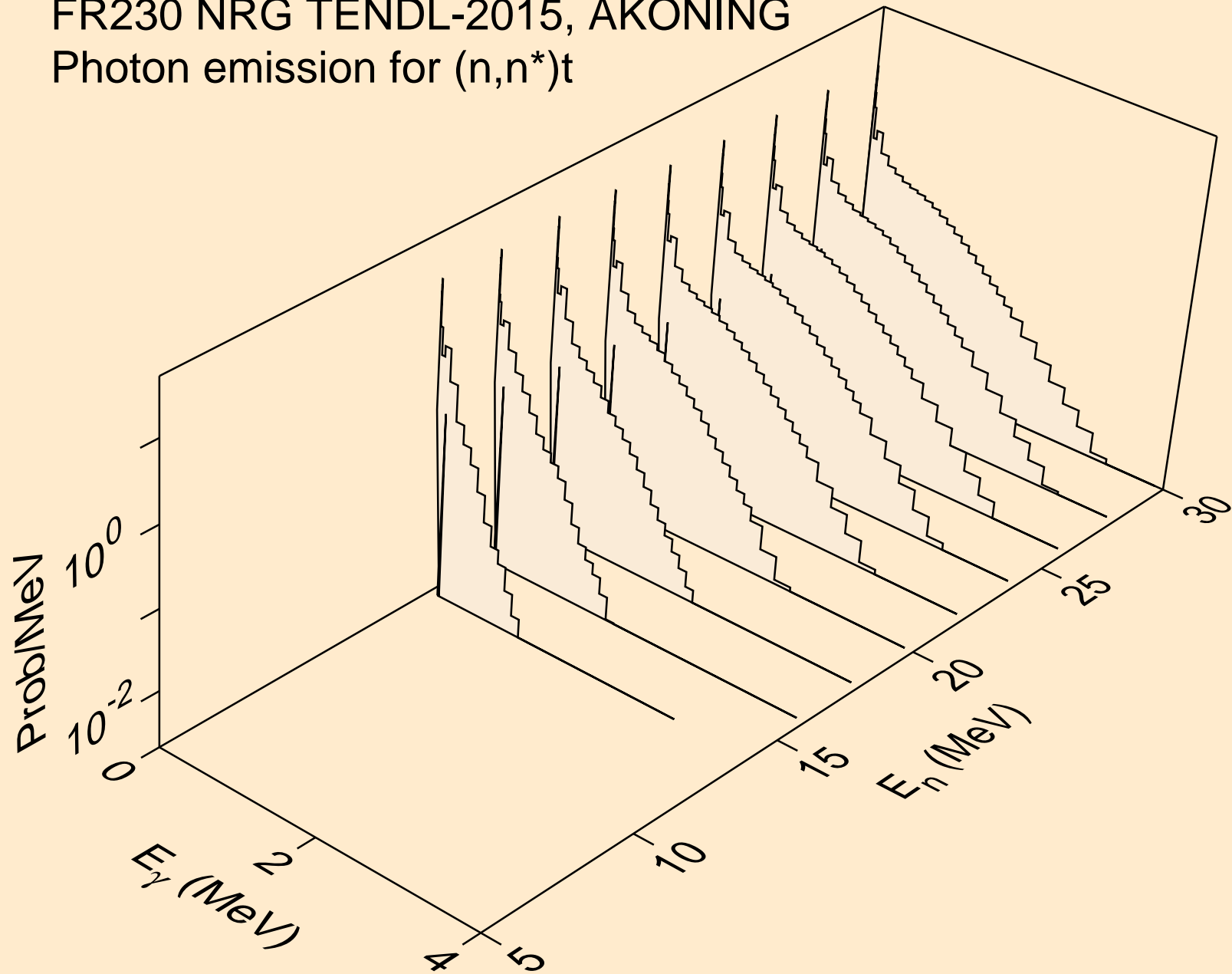


FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

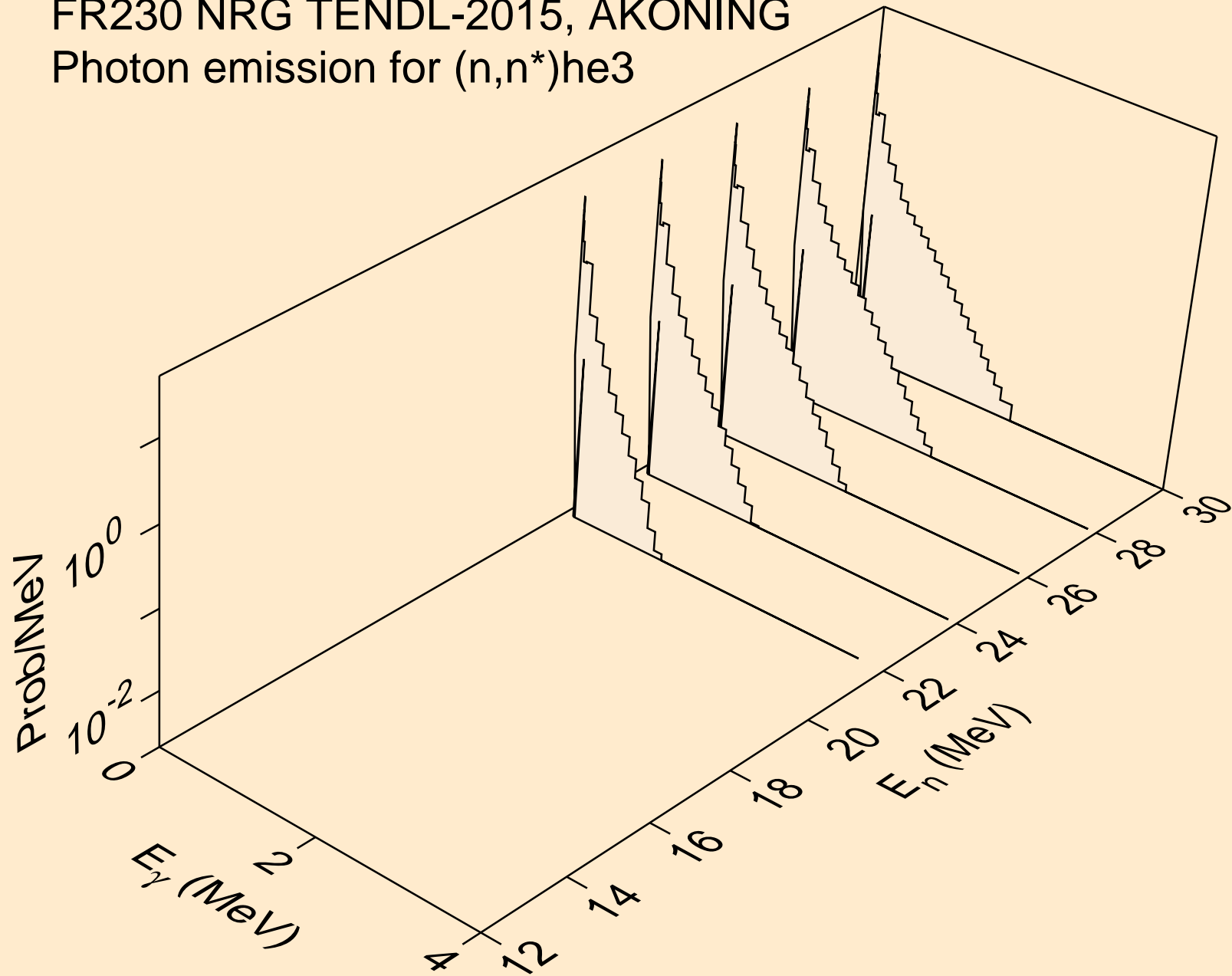




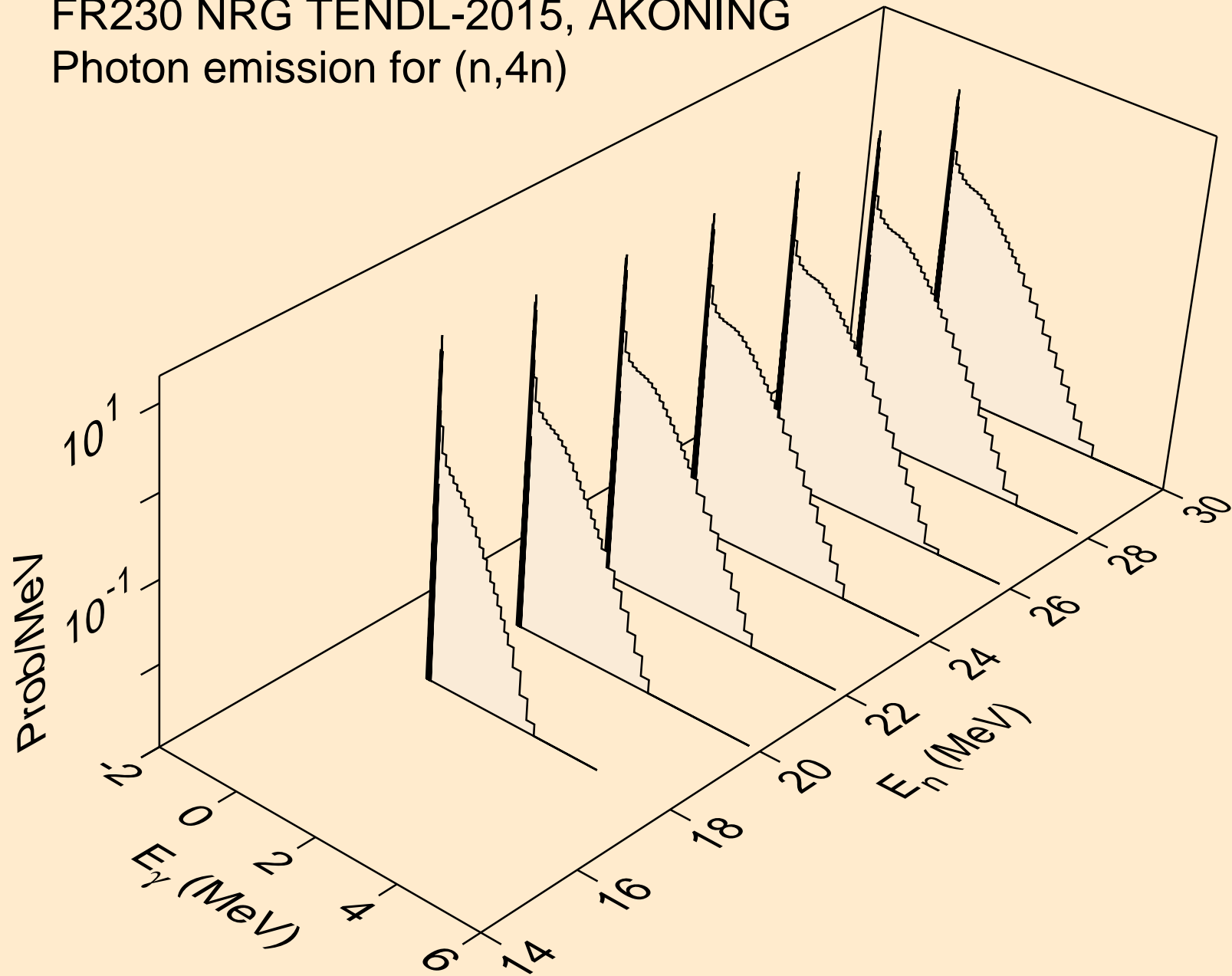
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



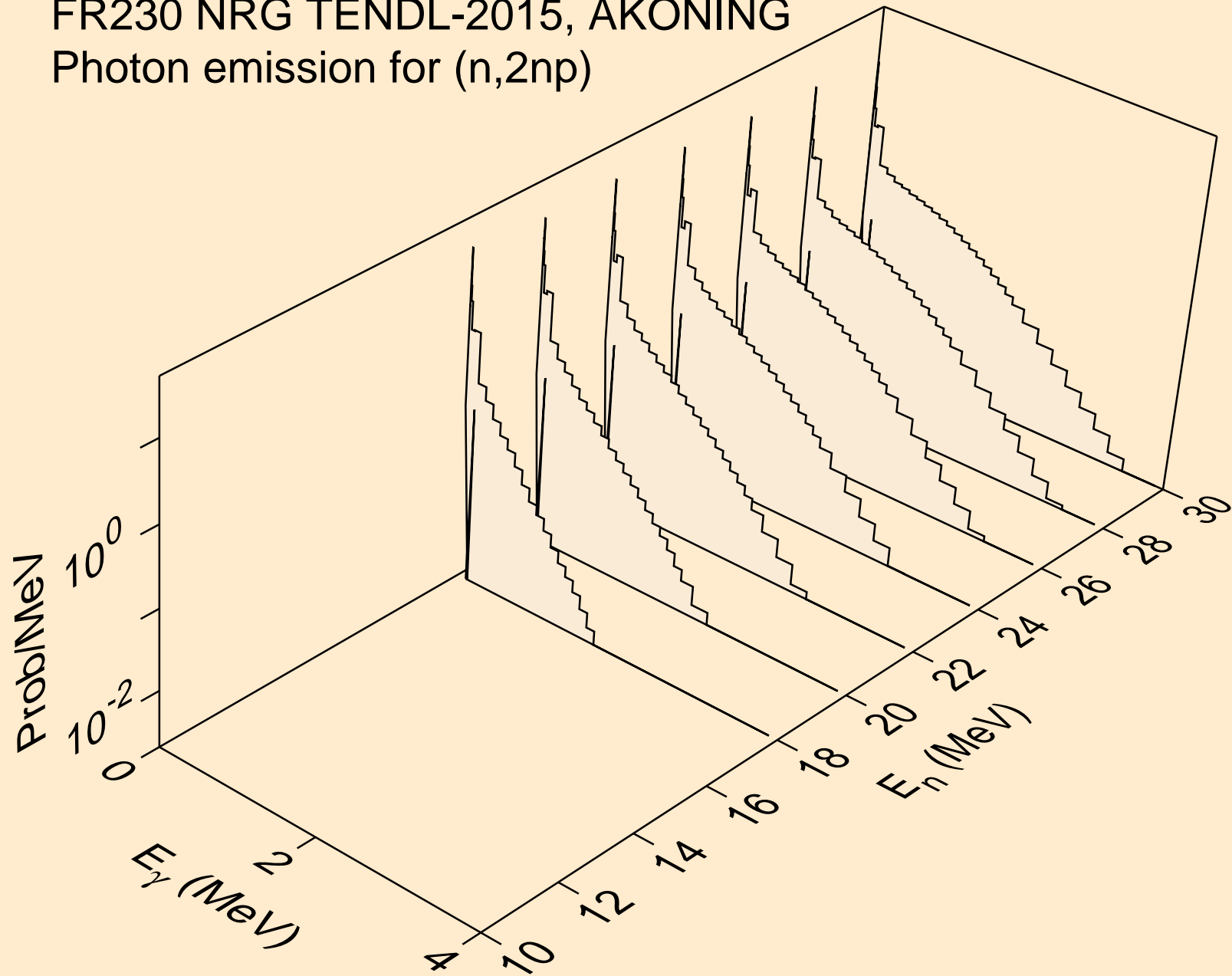
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



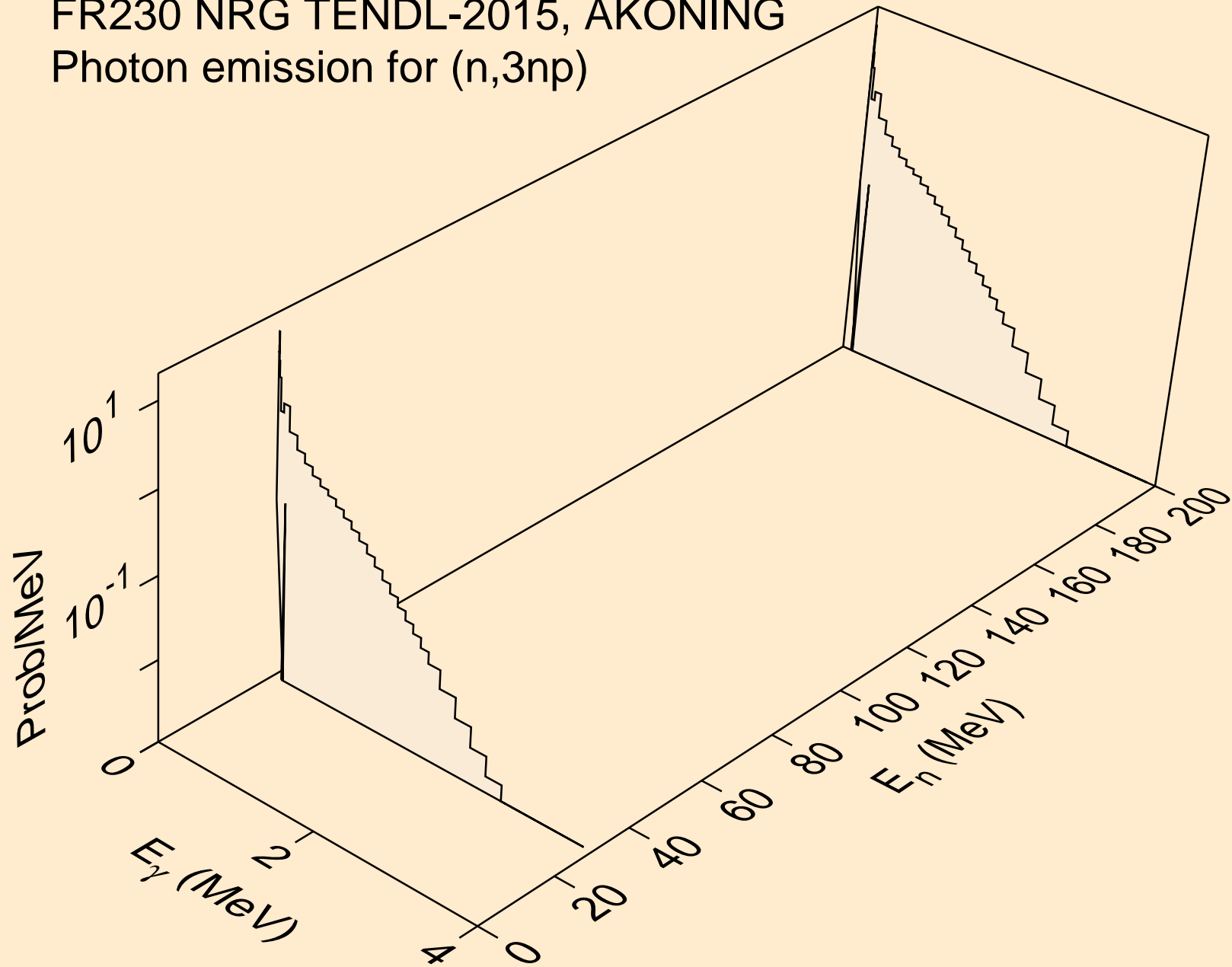
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



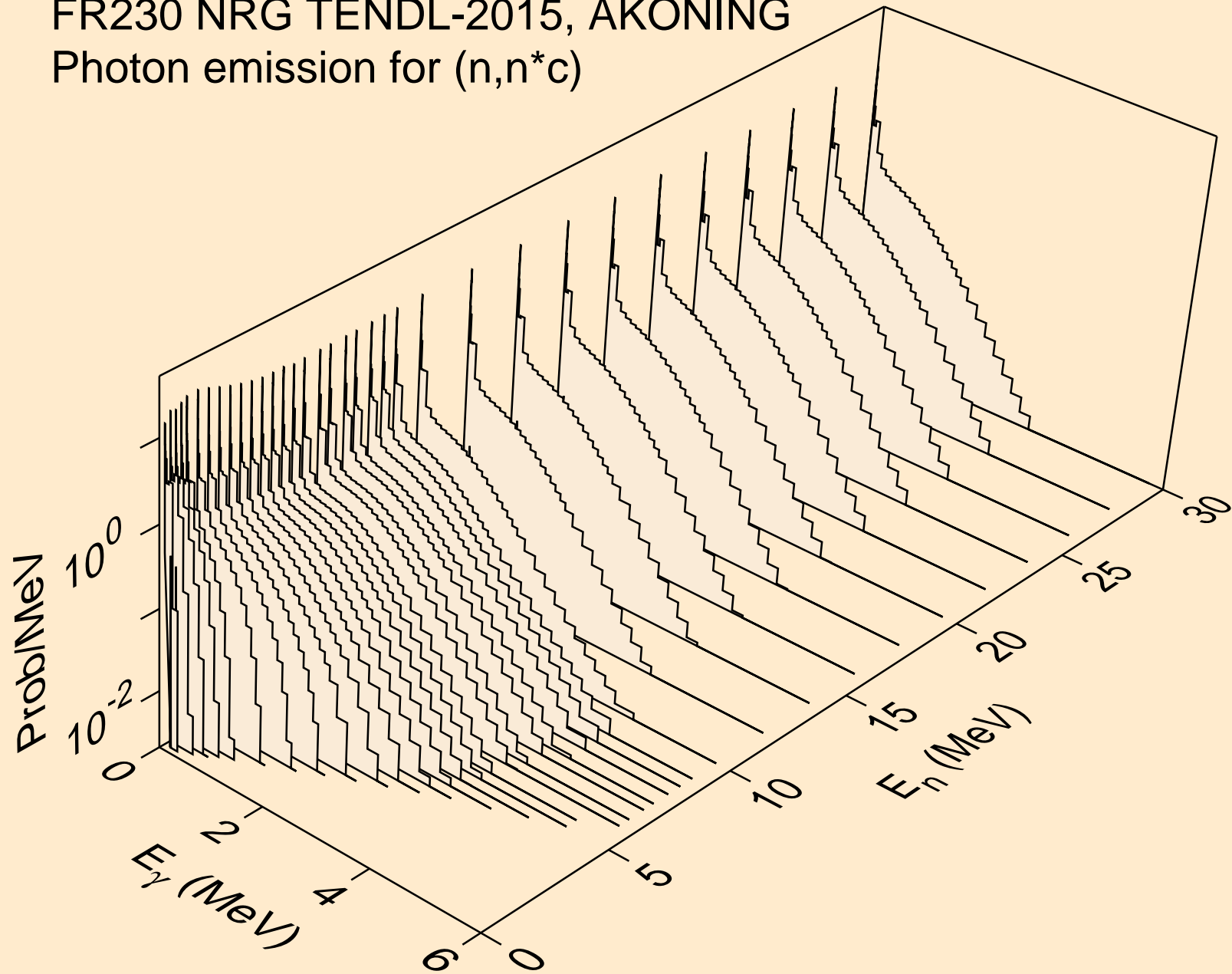
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



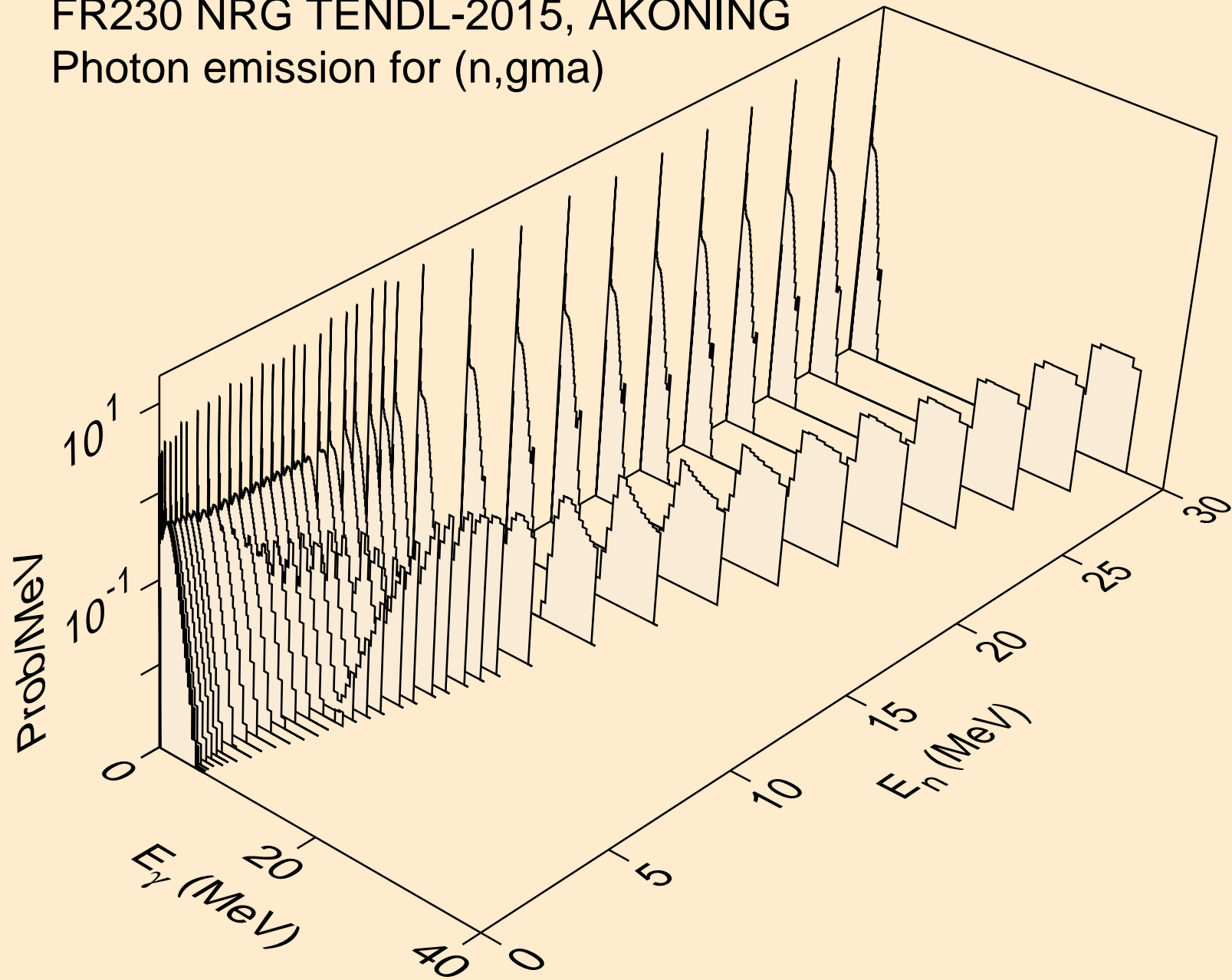
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



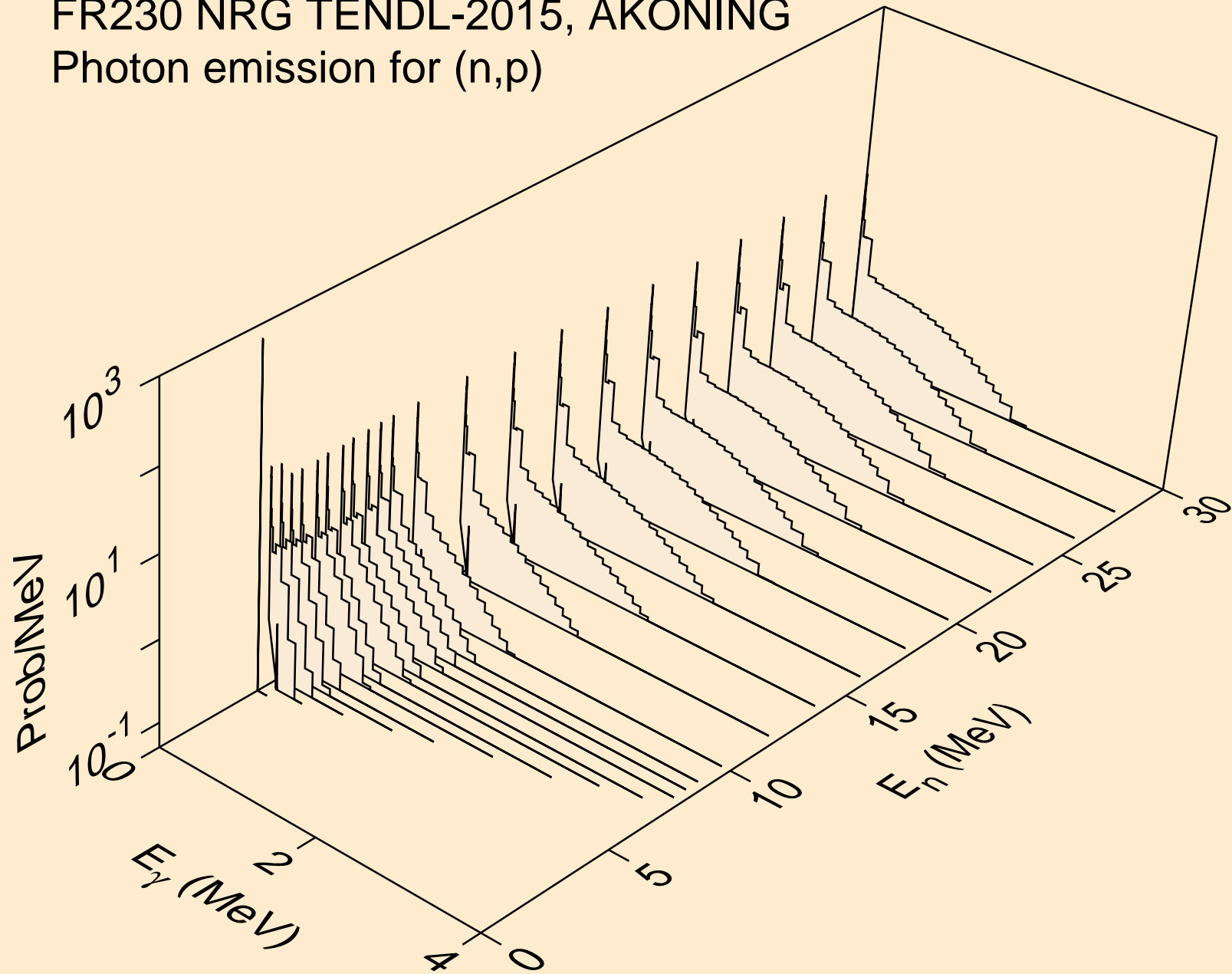
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

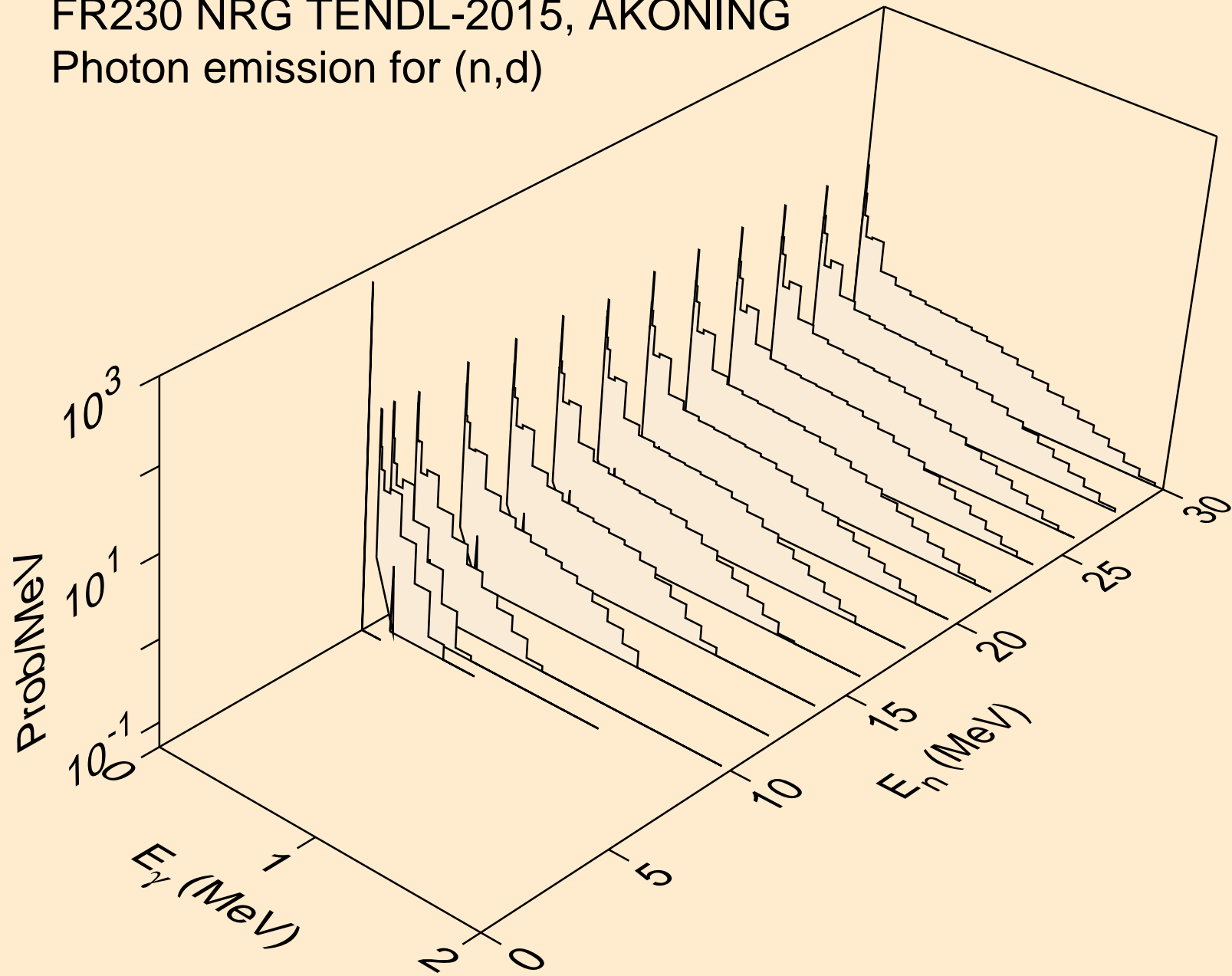


FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

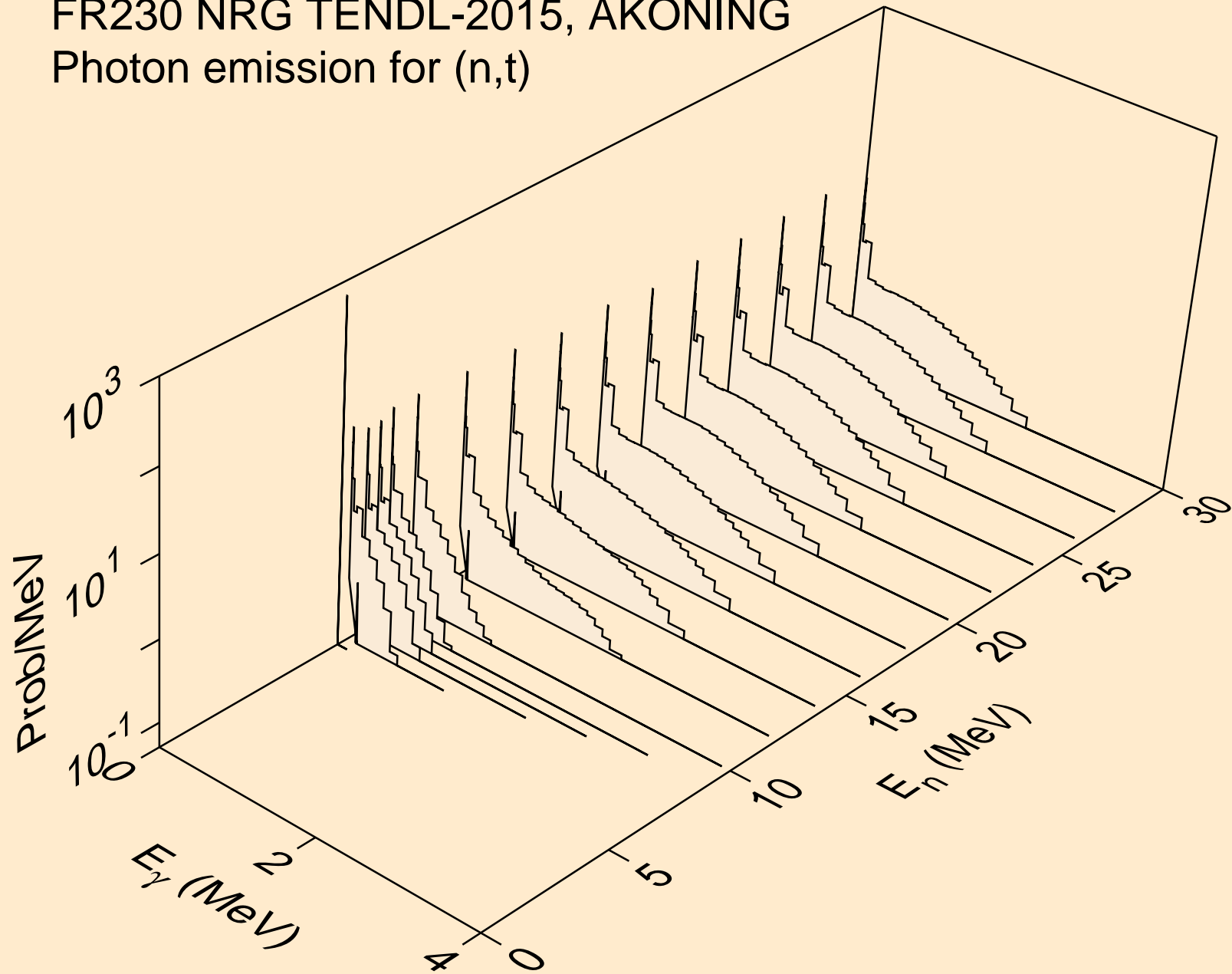




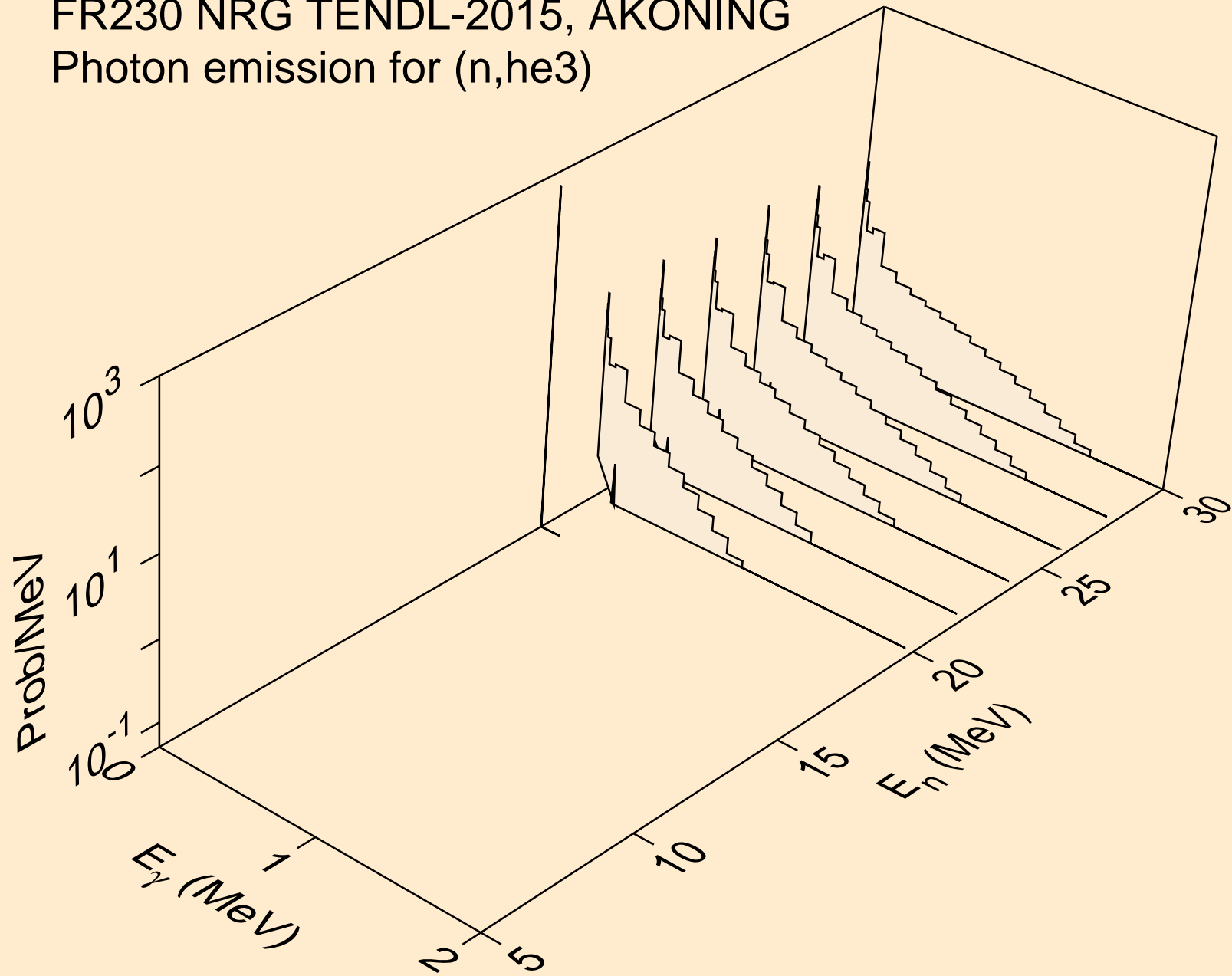
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



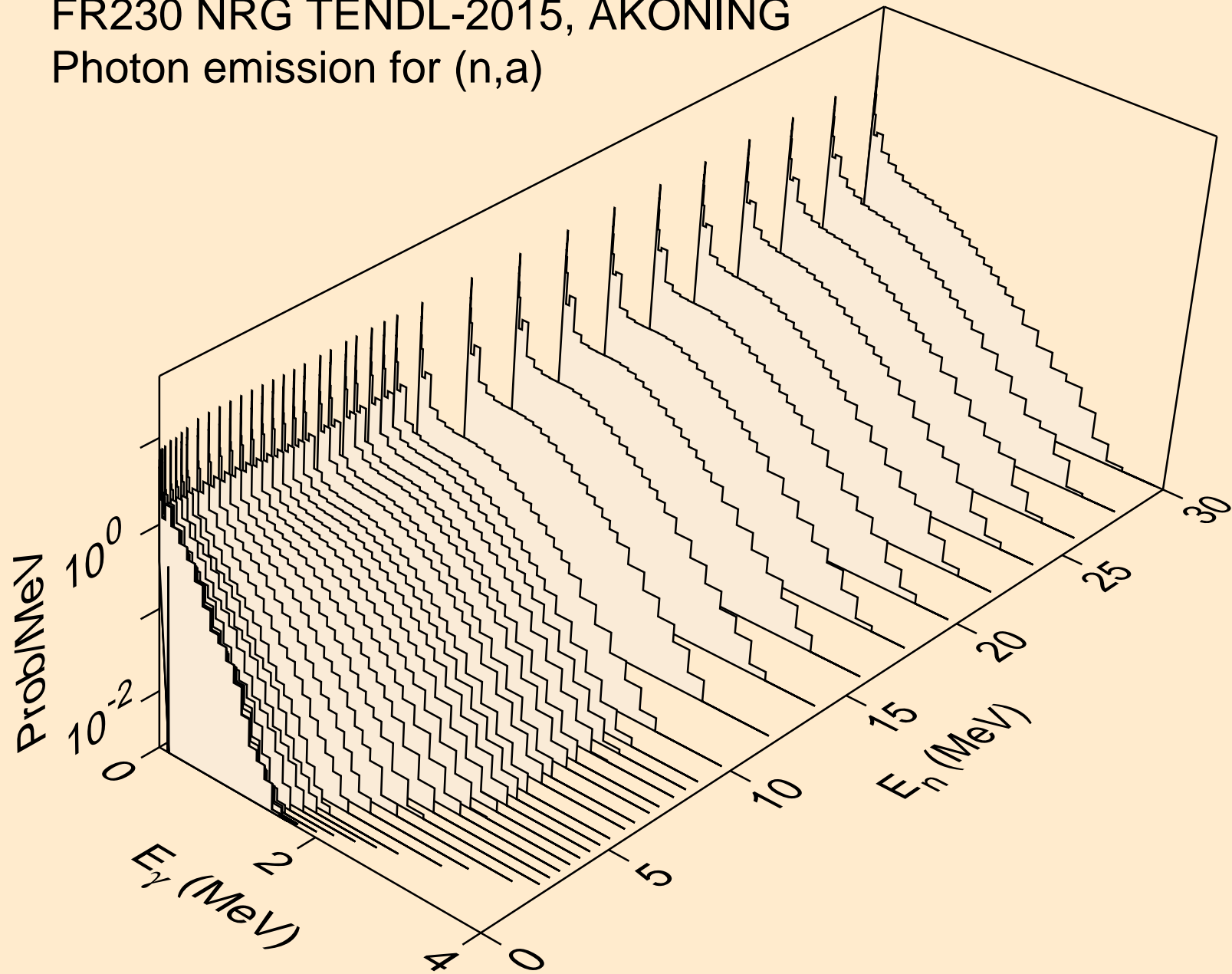
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



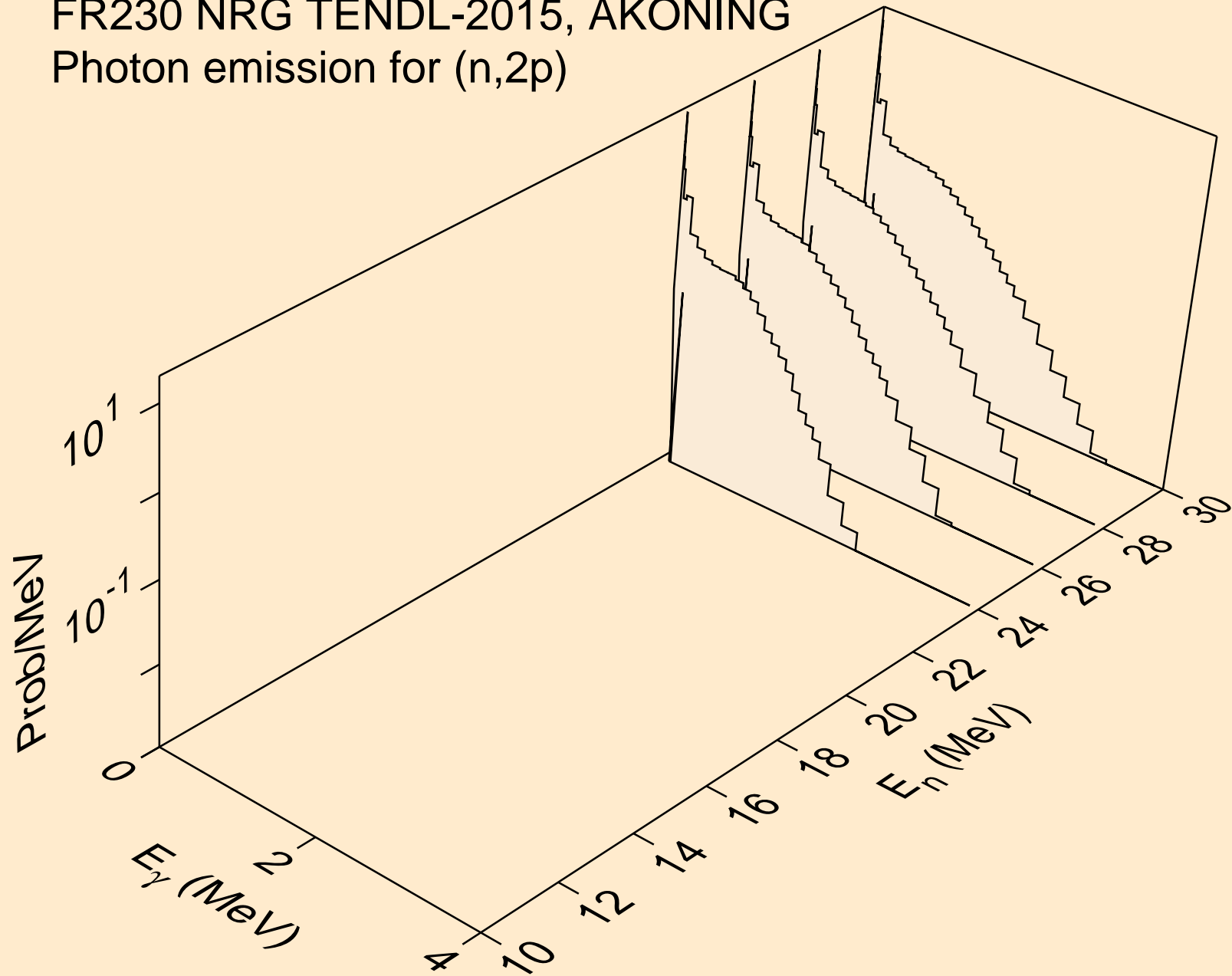
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



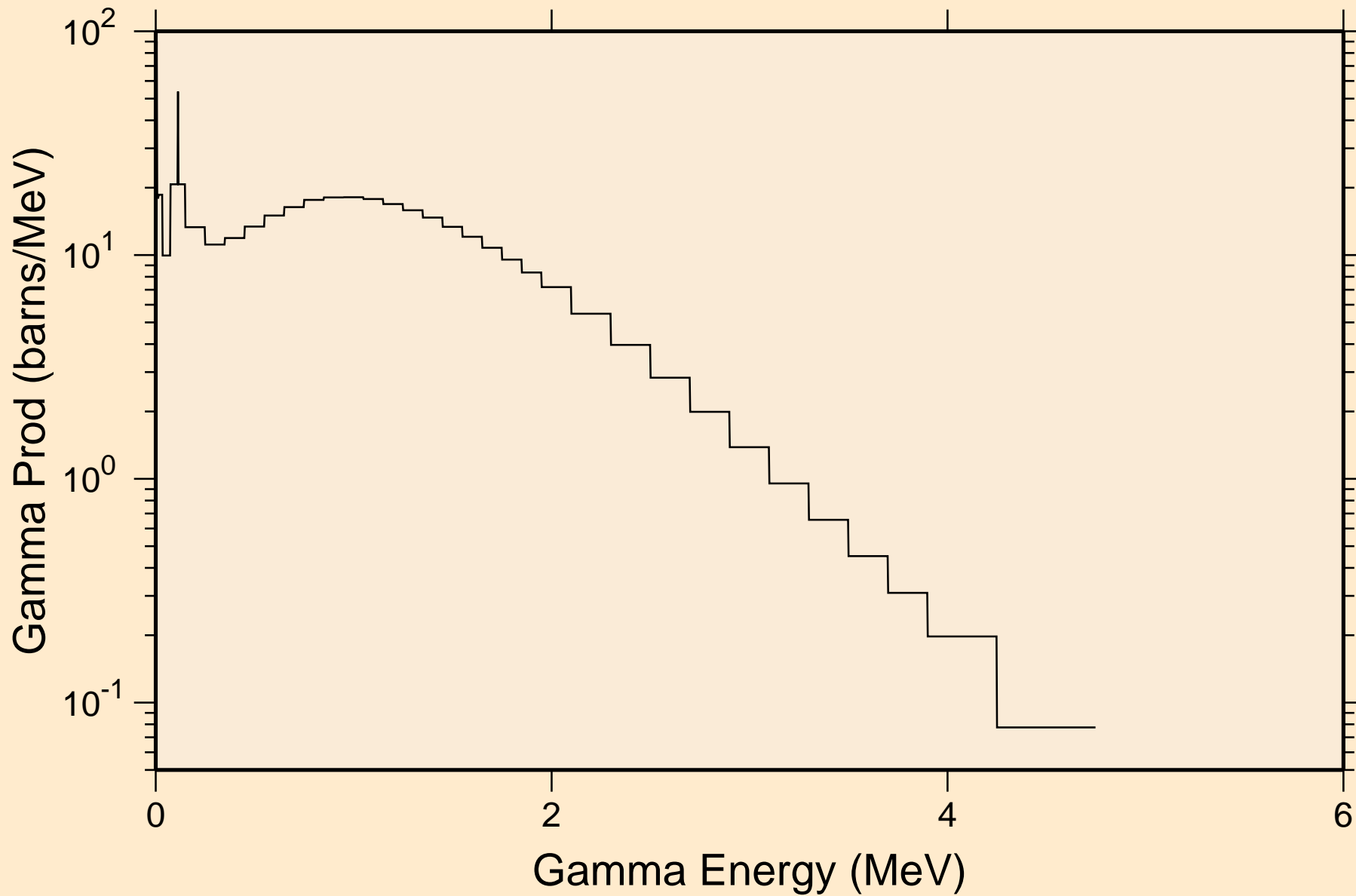
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



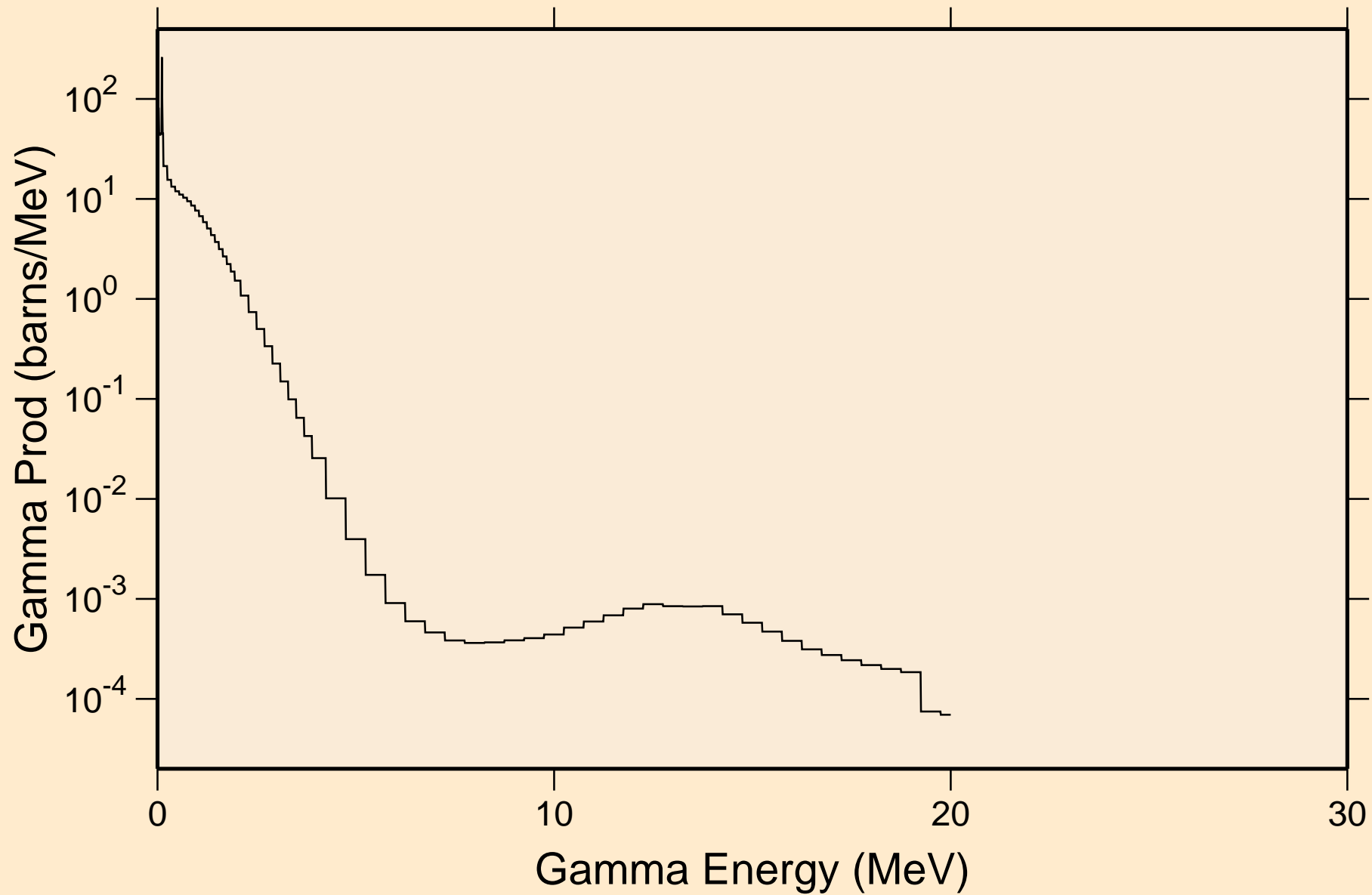
FR230 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



FR230 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

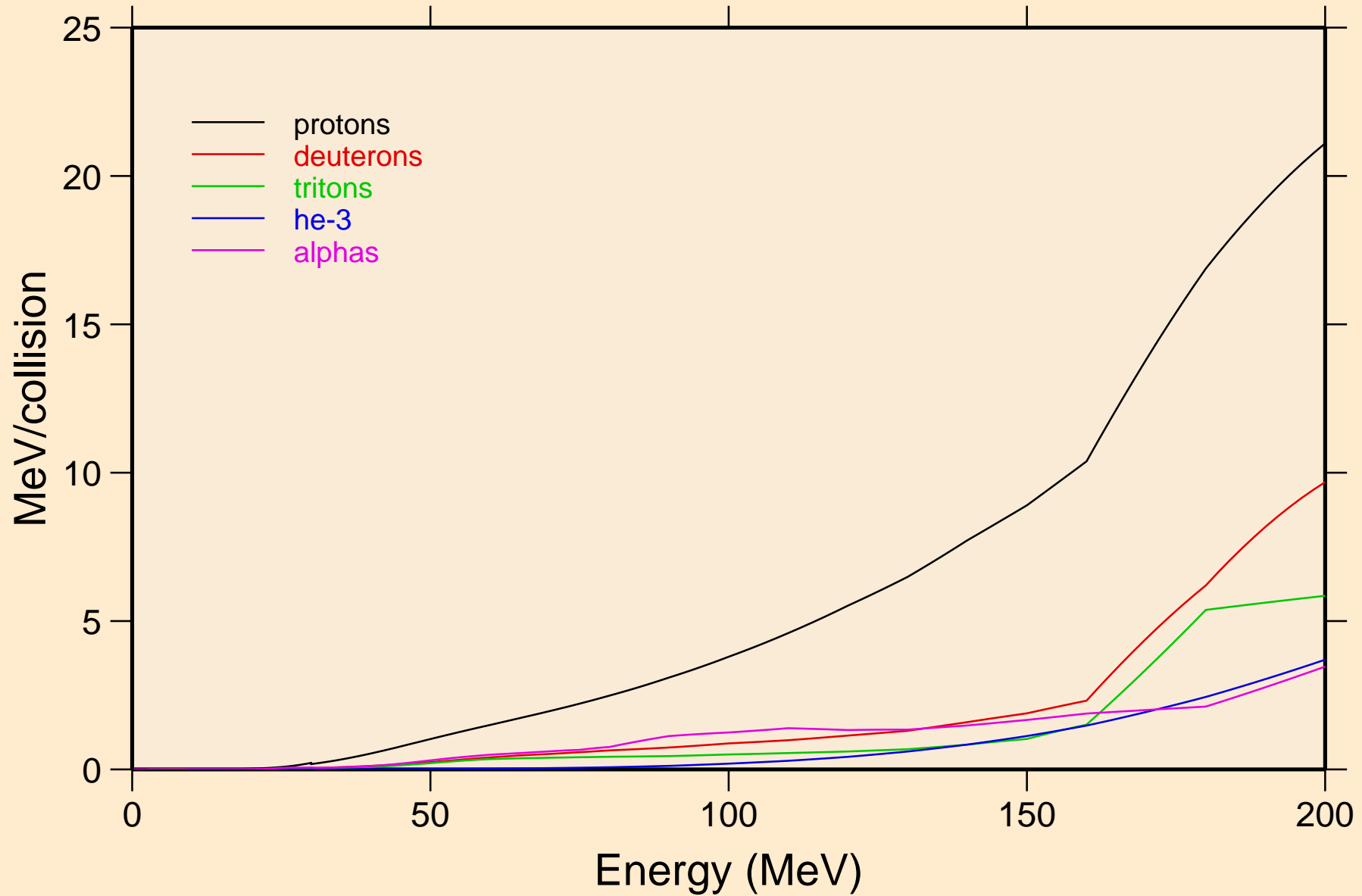


FR230 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# FR230 NRG TENDL-2015, AKONING

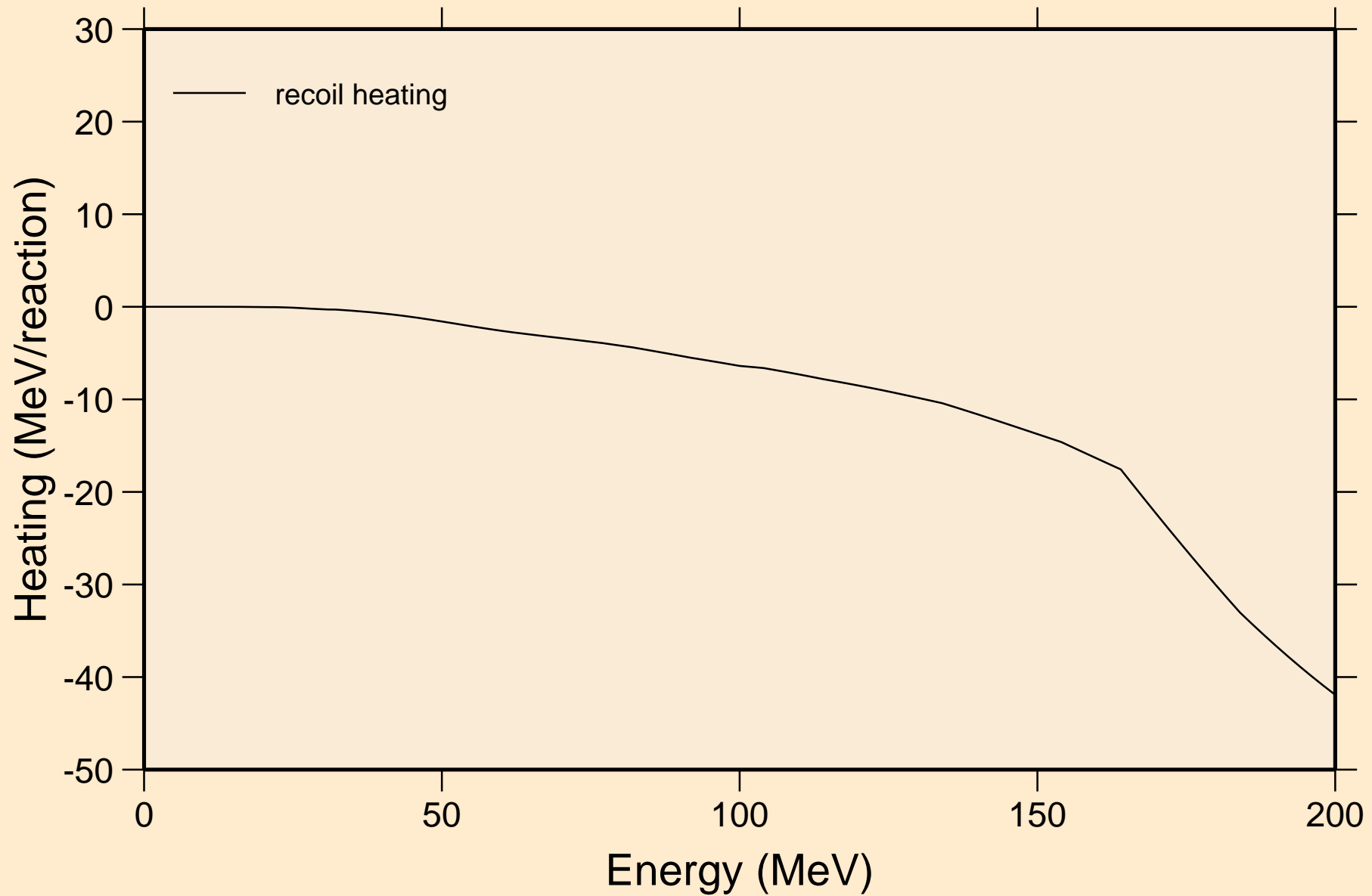
## Particle heating contributions





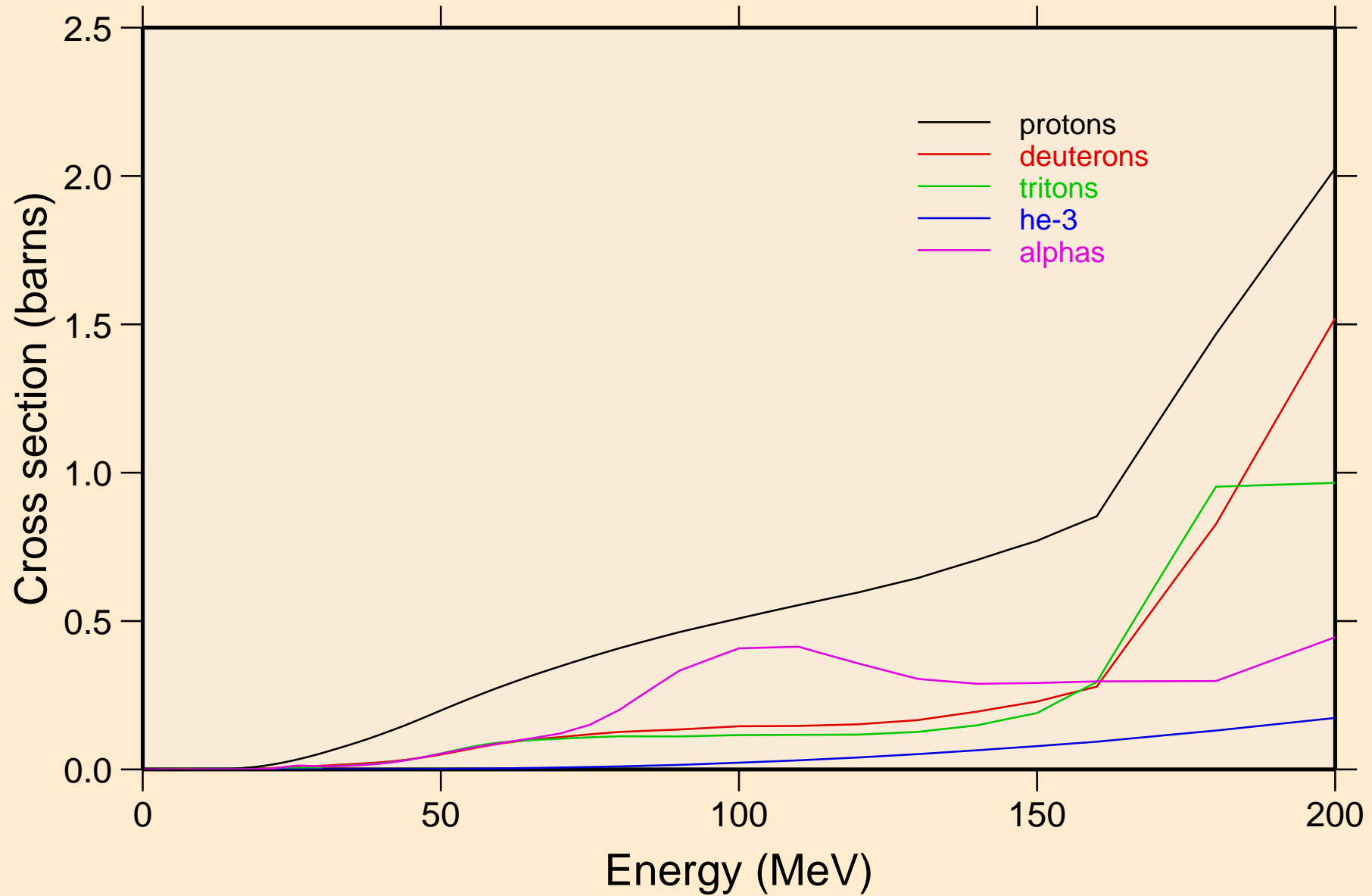
# FR230 NRG TENDL-2015, AKONING

## Recoil Heating

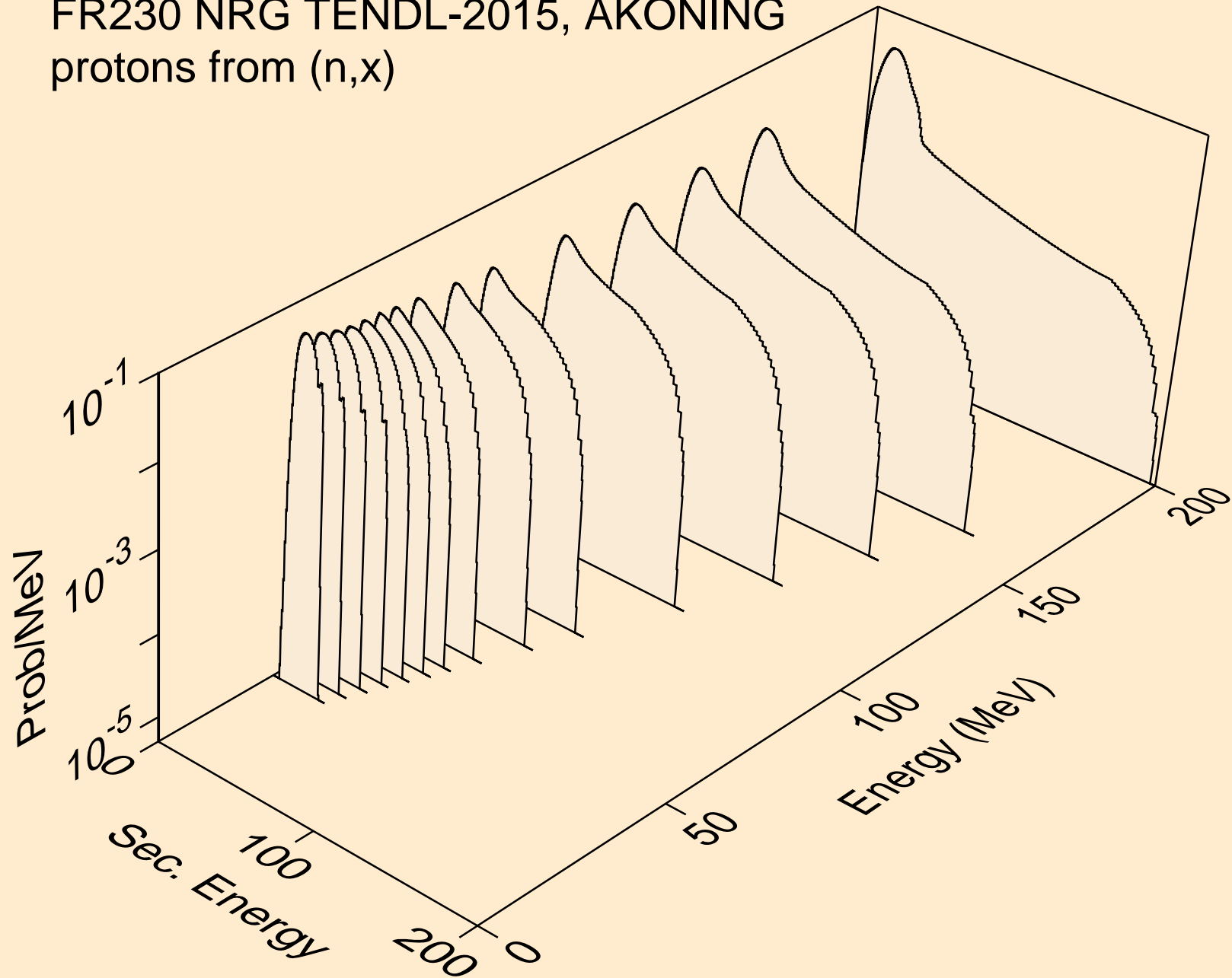


# FR230 NRG TENDL-2015, AKONING

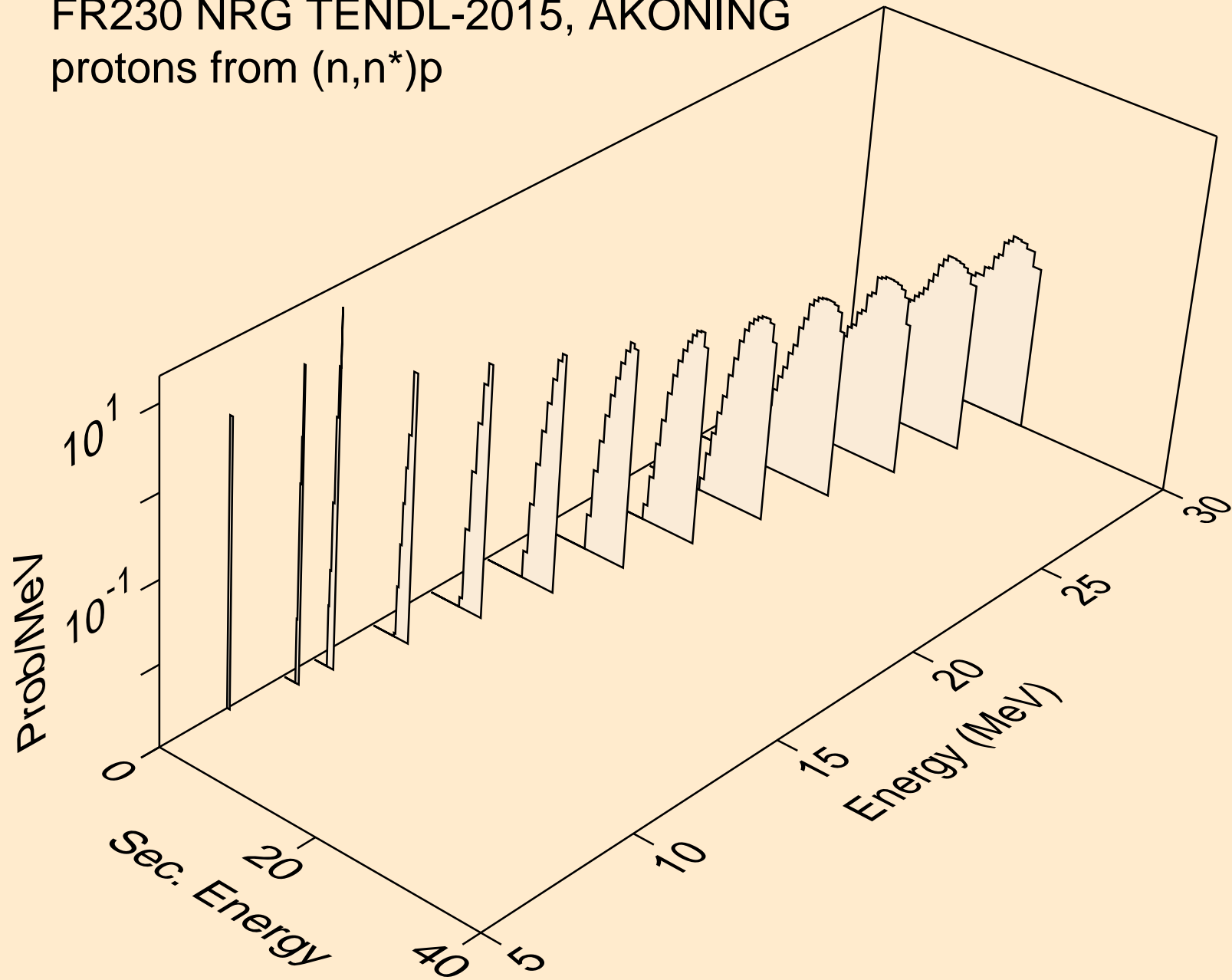
## Particle production cross sections



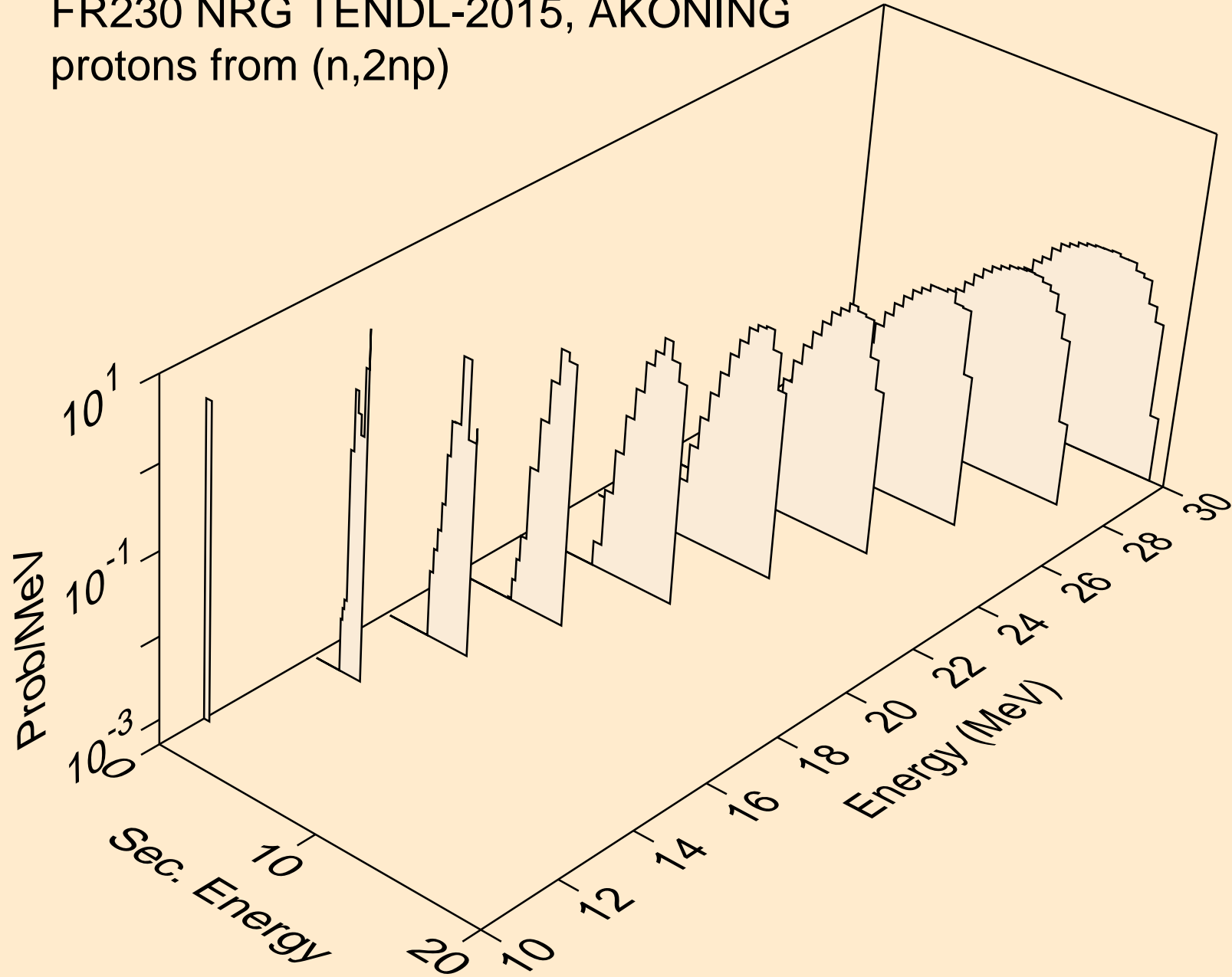
FR230 NRG TENDL-2015, AKONING  
protons from (n,x)



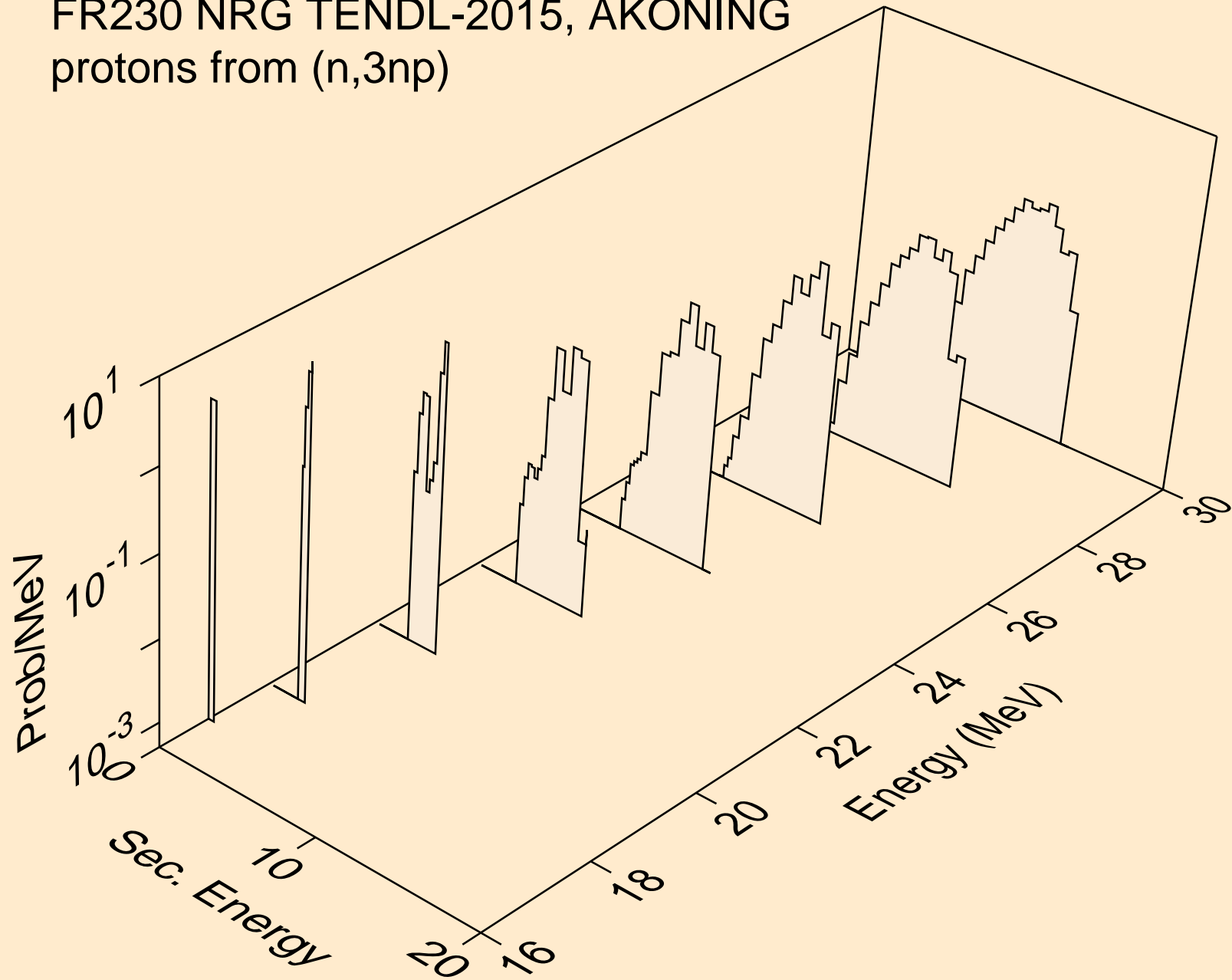
FR230 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



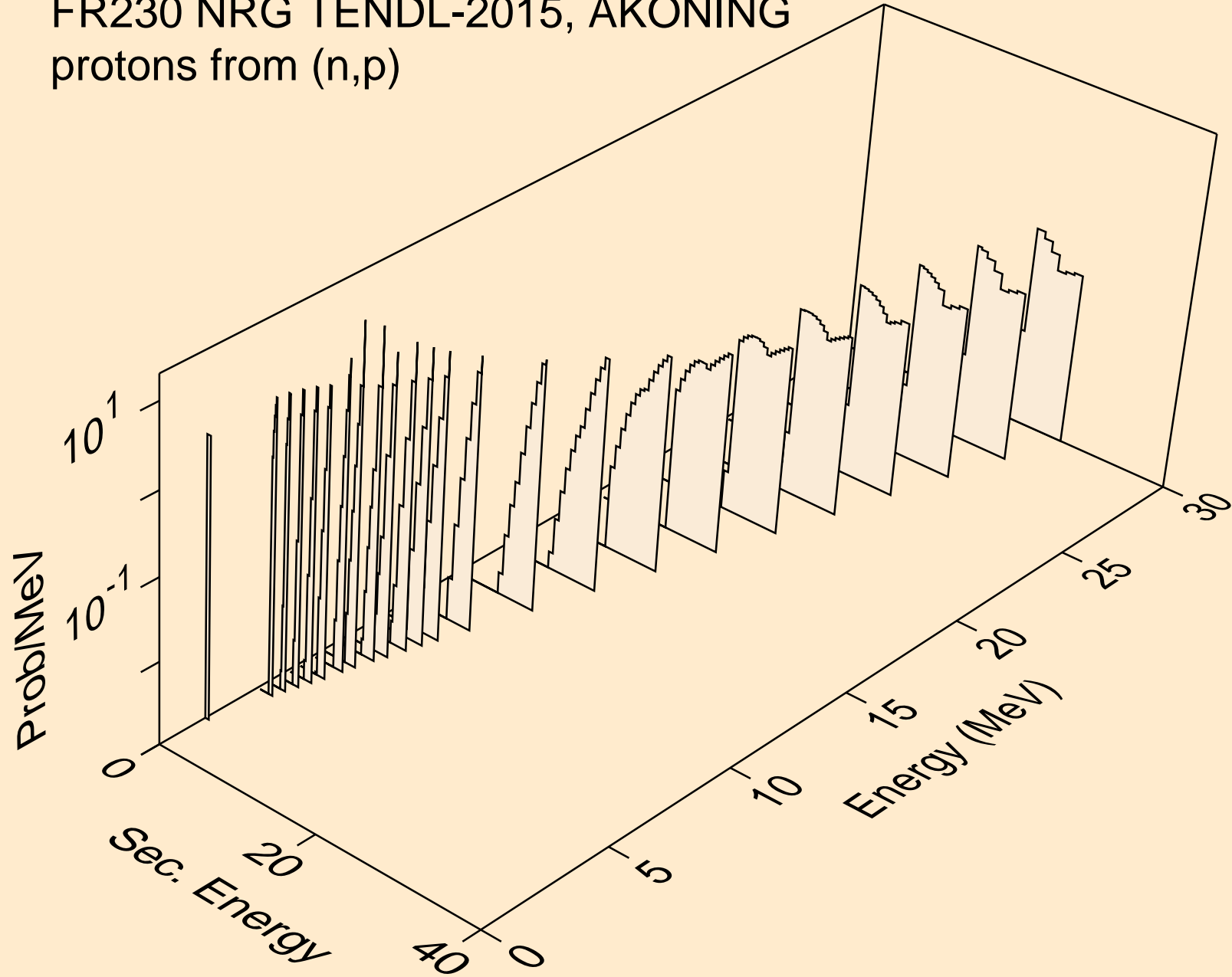
FR230 NRG TENDL-2015, AKONING  
protons from (n,2np)



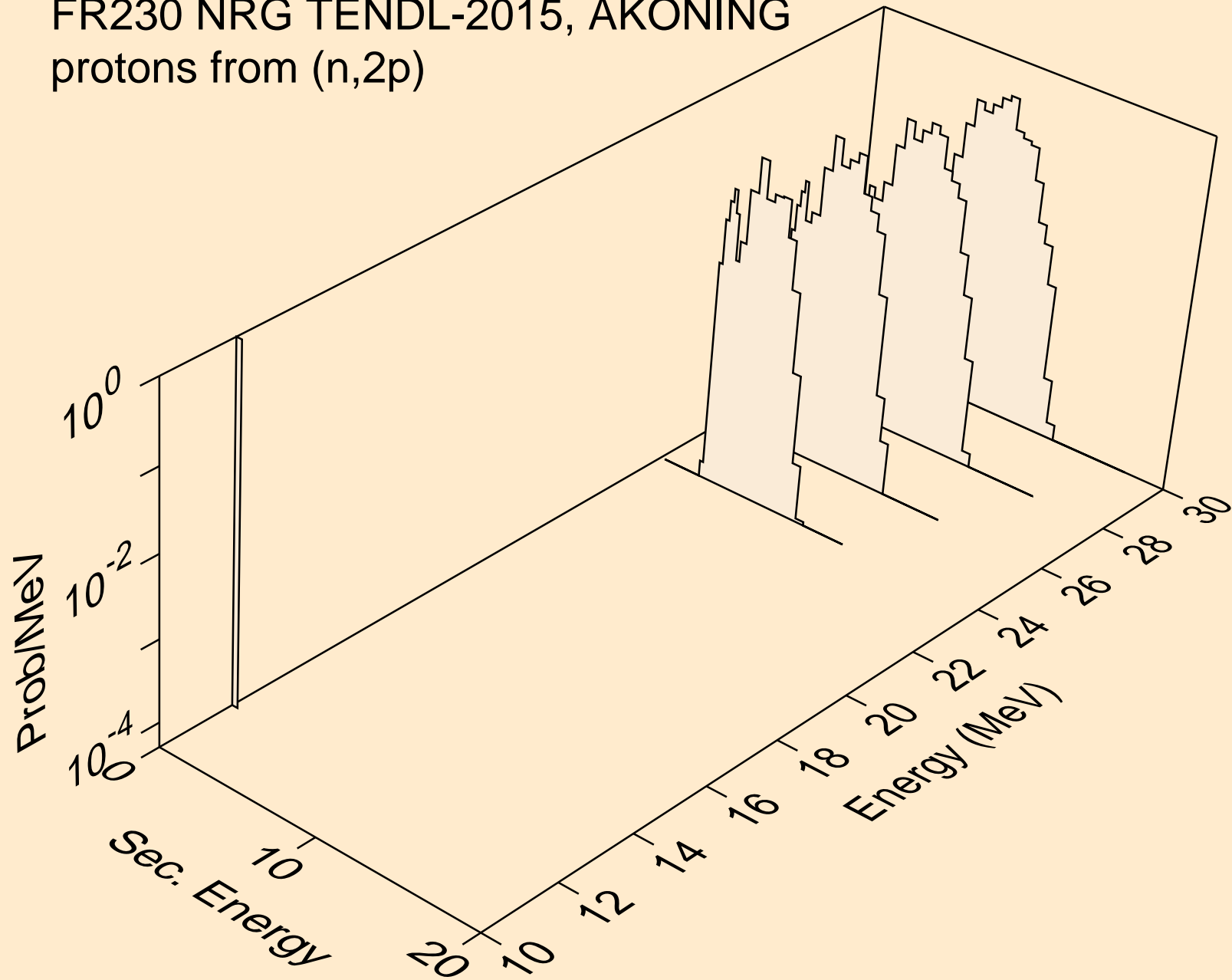
FR230 NRG TENDL-2015, AKONING  
protons from (n,3np)



FR230 NRG TENDL-2015, AKONING  
protons from (n,p)

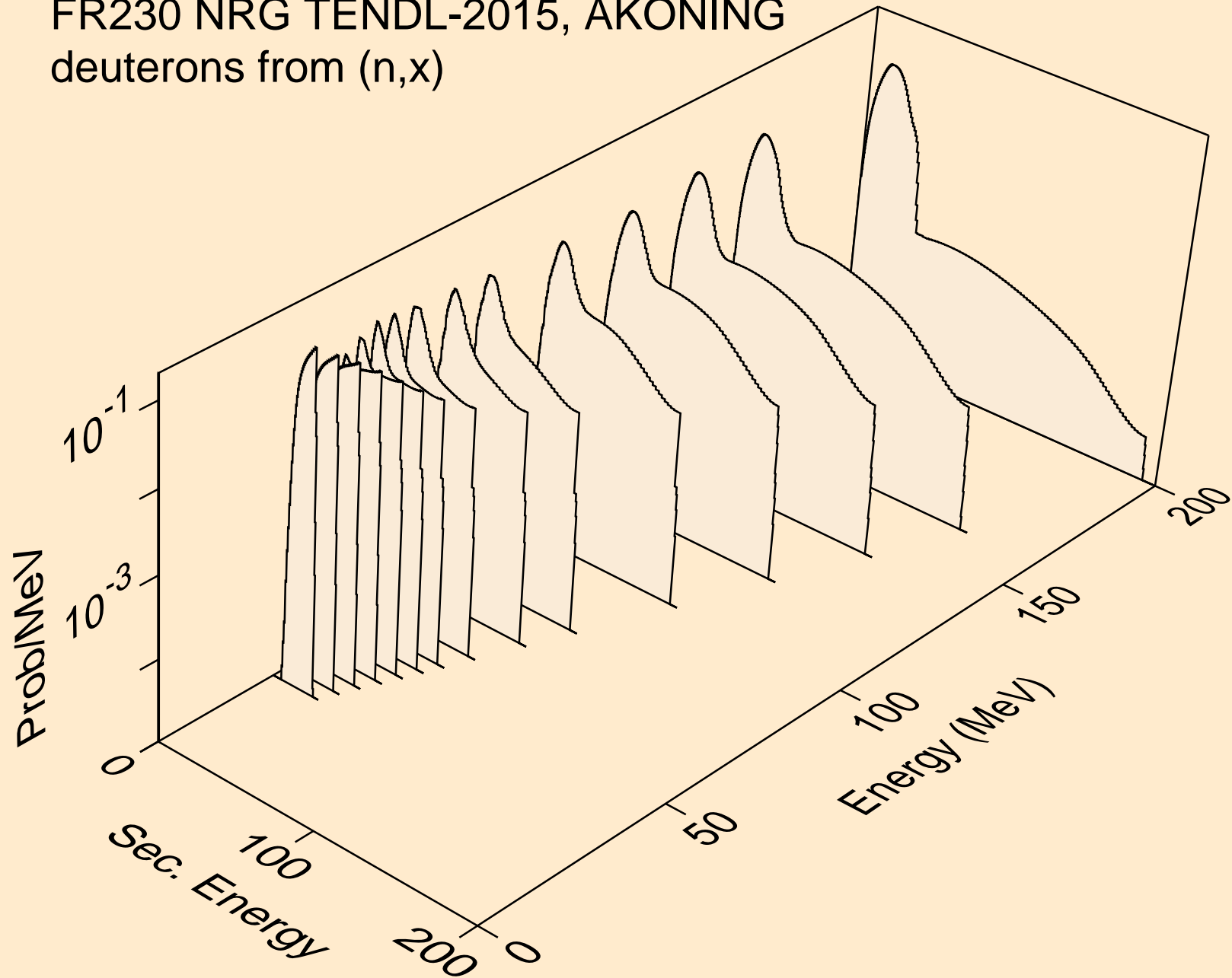


FR230 NRG TENDL-2015, AKONING  
protons from (n,2p)

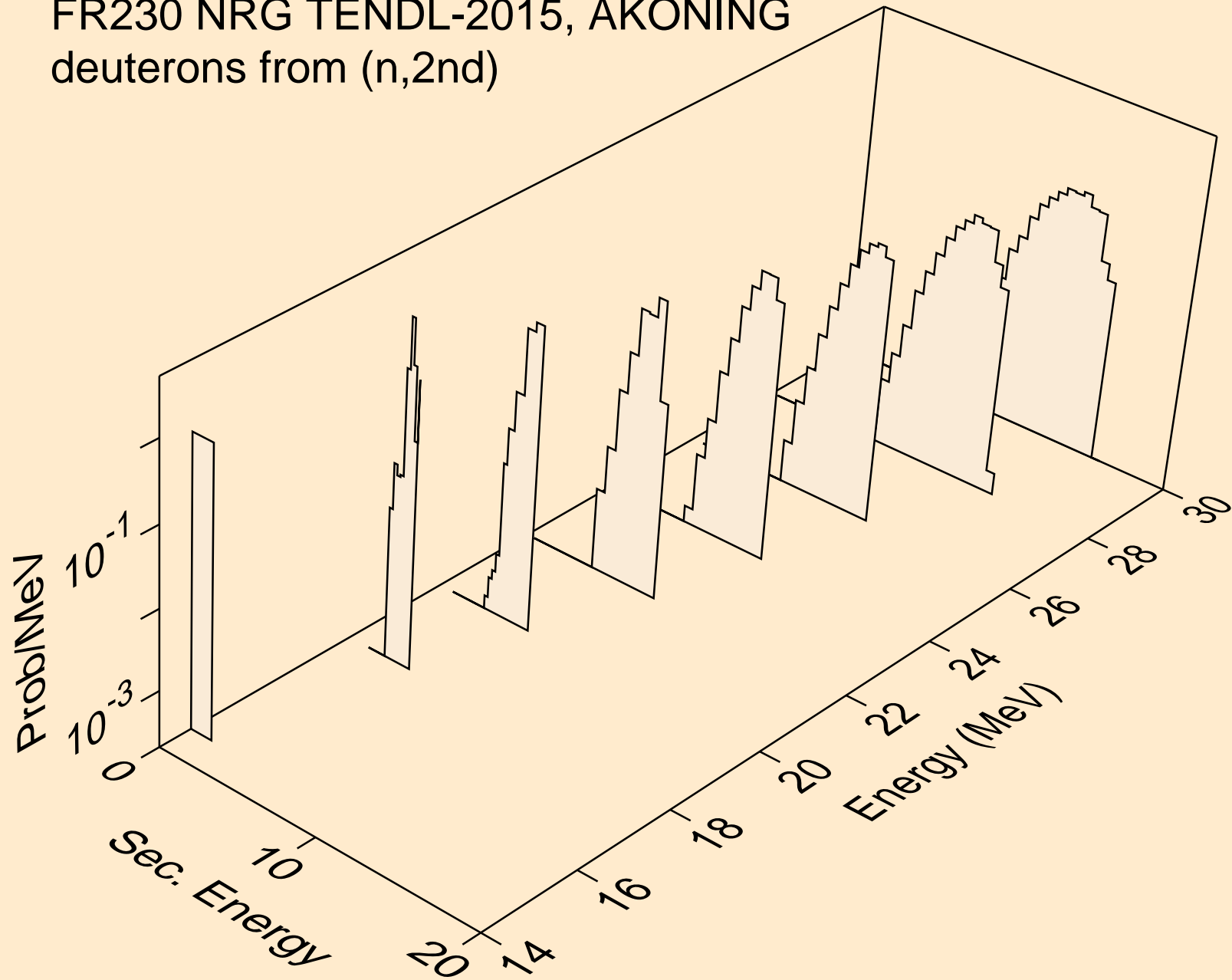




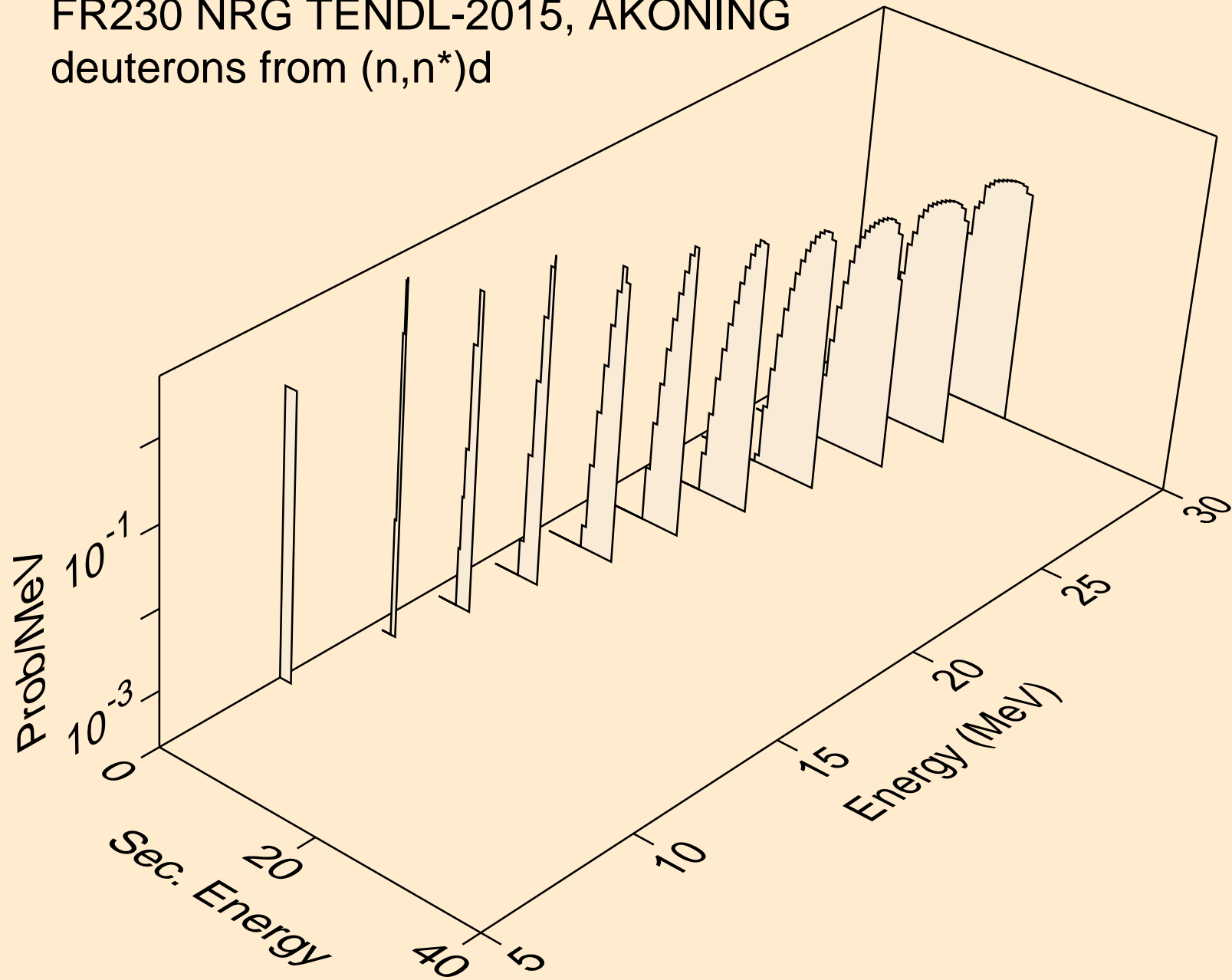
FR230 NRG TENDL-2015, AKONING  
deuterons from (n,x)



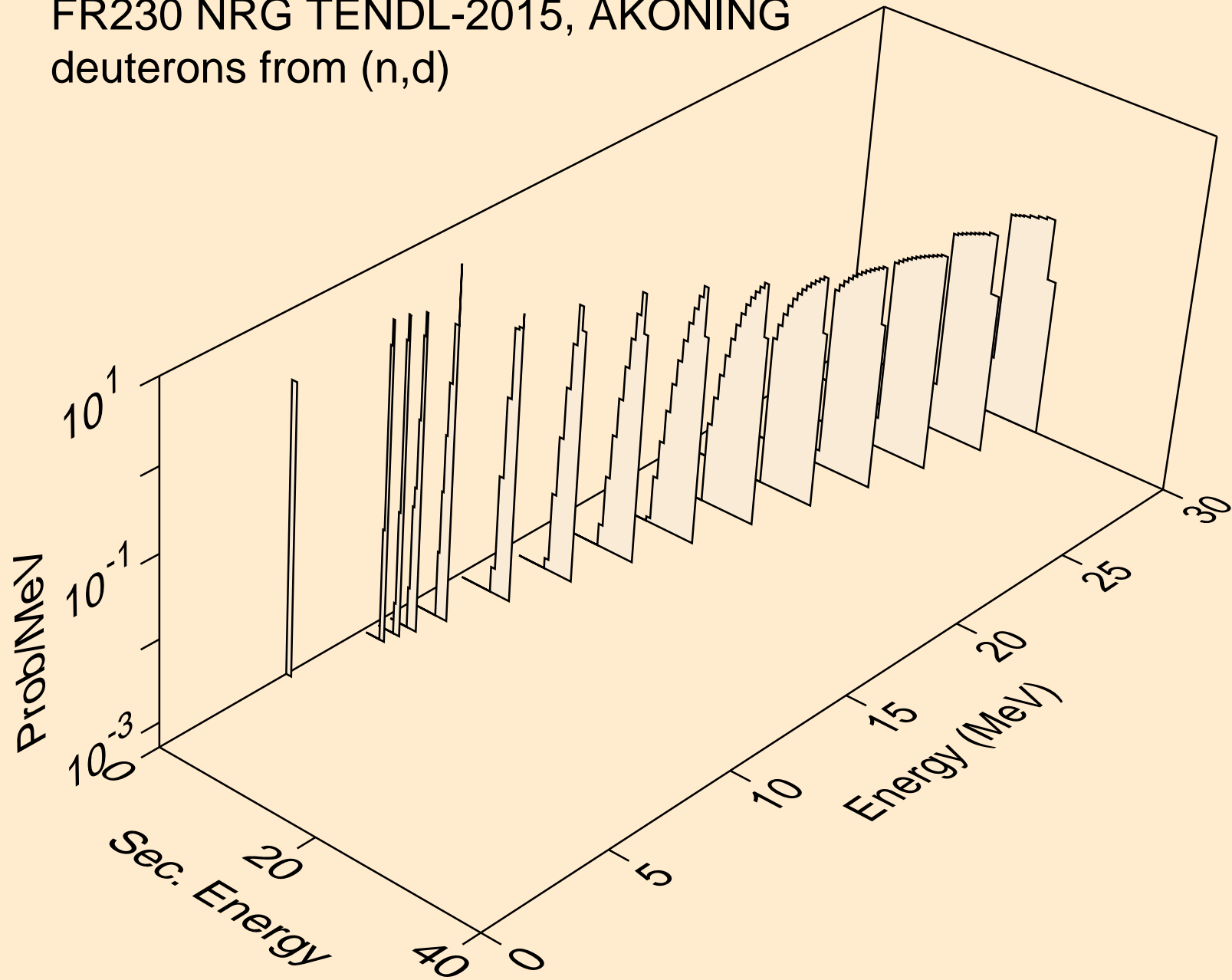
FR230 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



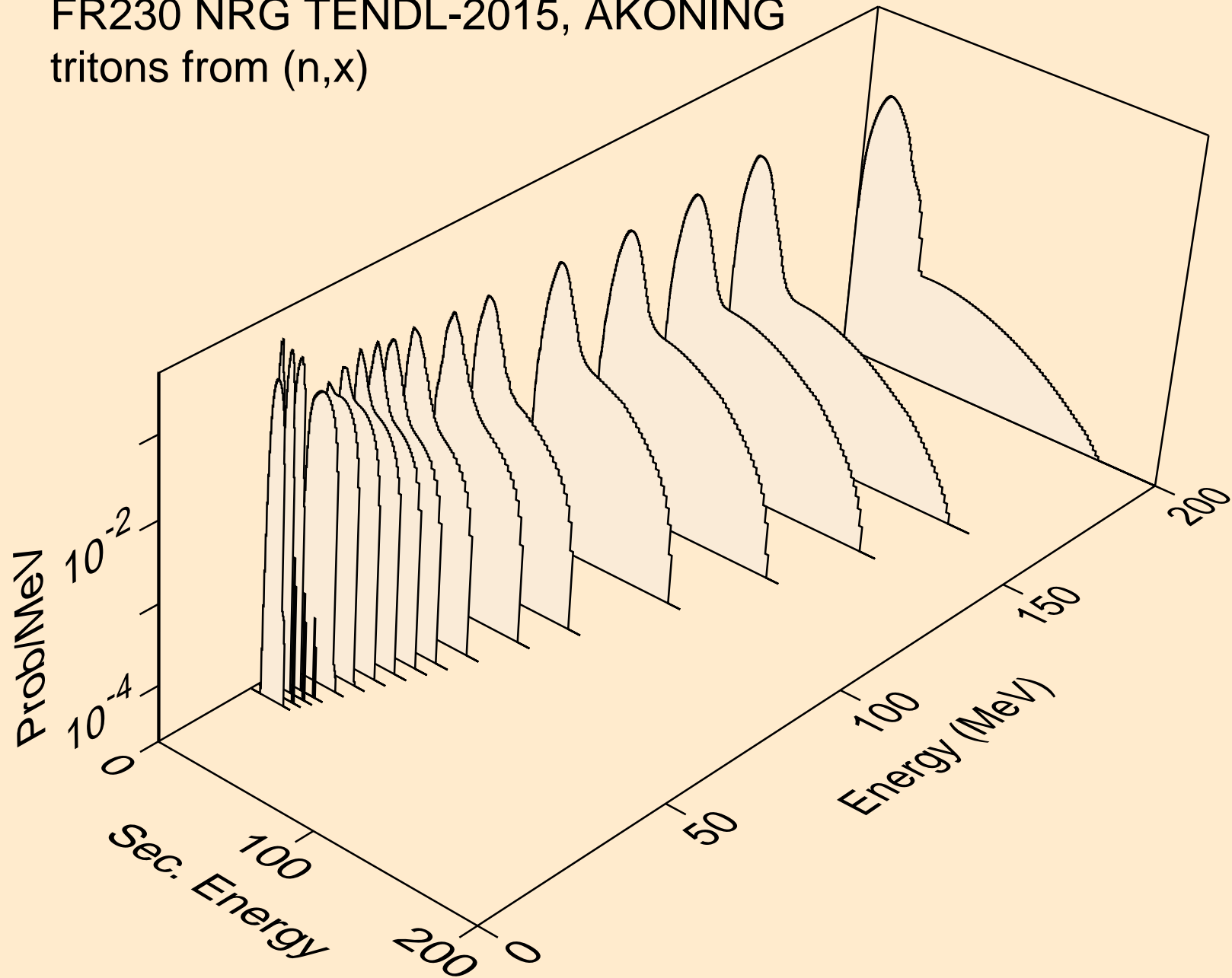
FR230 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



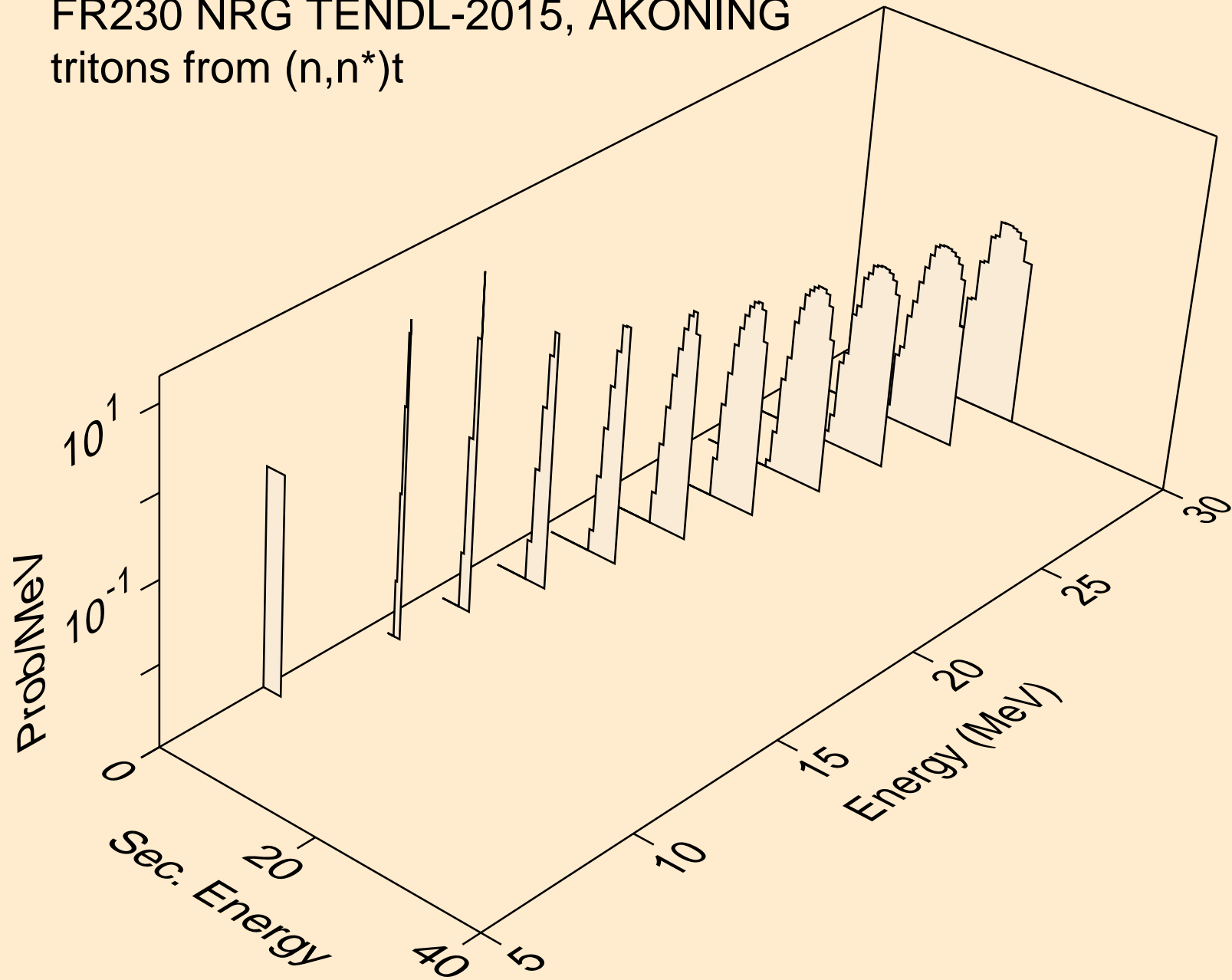
FR230 NRG TENDL-2015, AKONING  
deuterons from (n,d)



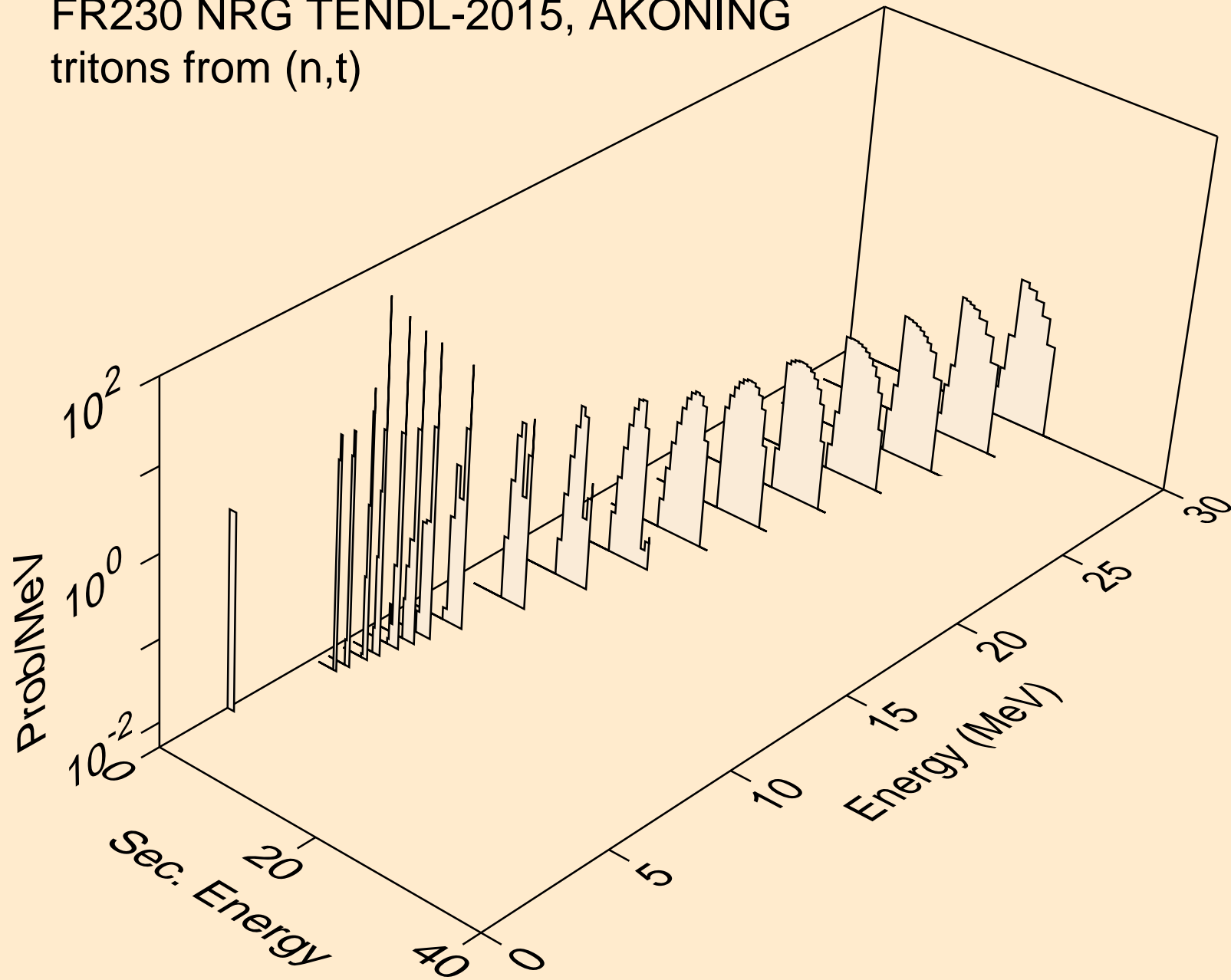
FR230 NRG TENDL-2015, AKONING  
tritons from (n,x)



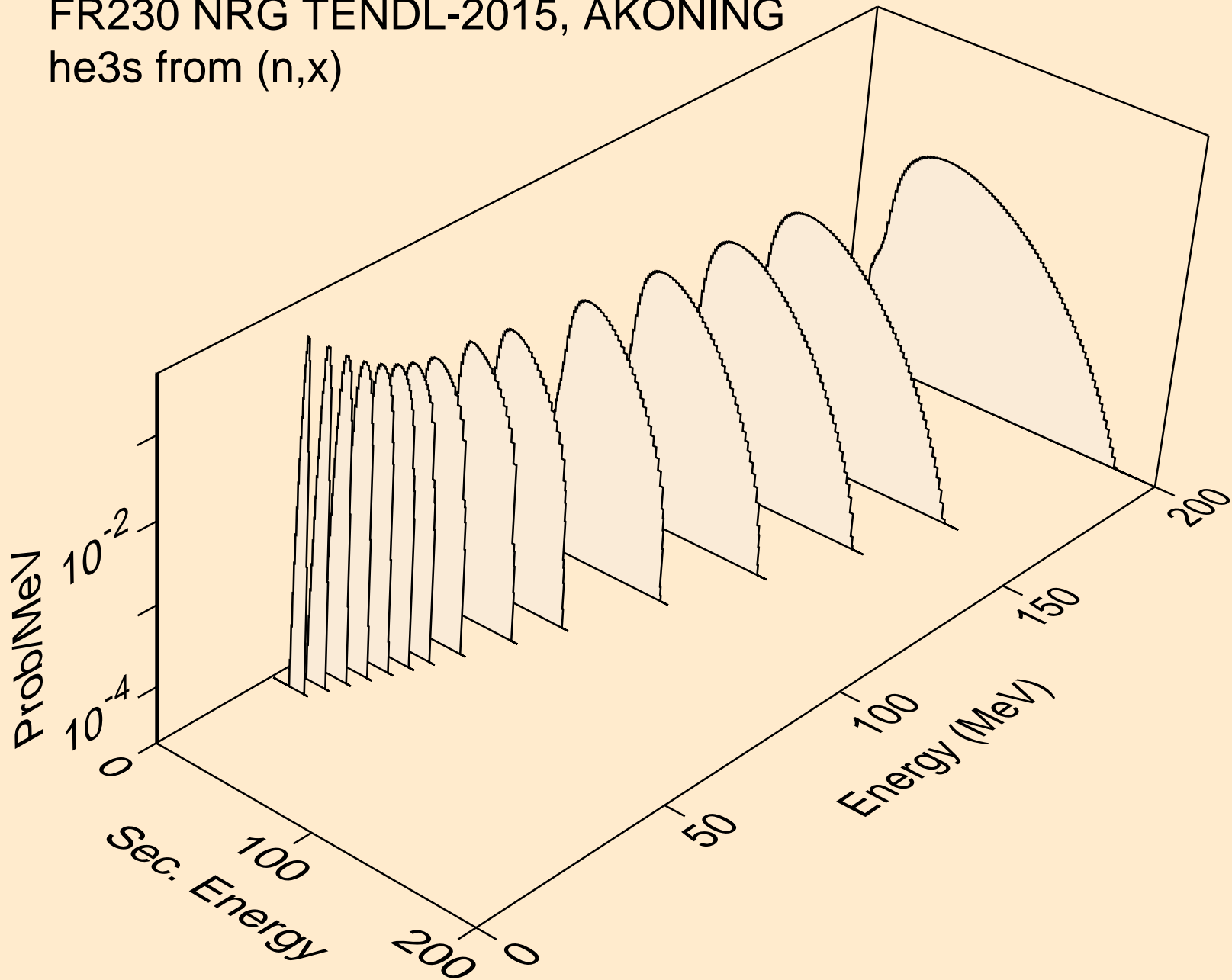
FR230 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



FR230 NRG TENDL-2015, AKONING  
tritons from (n,t)

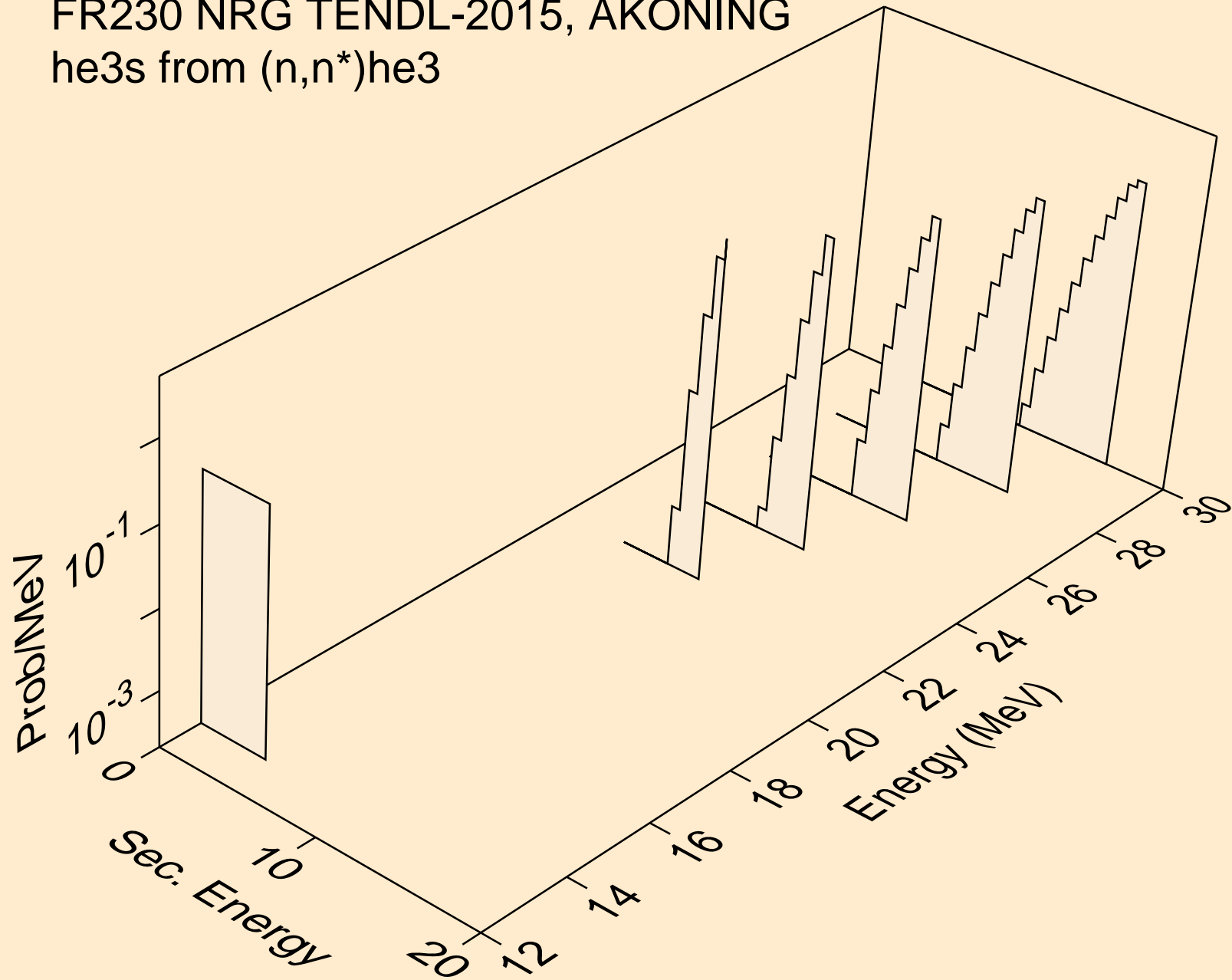


FR230 NRG TENDL-2015, AKONING  
he3s from (n,x)

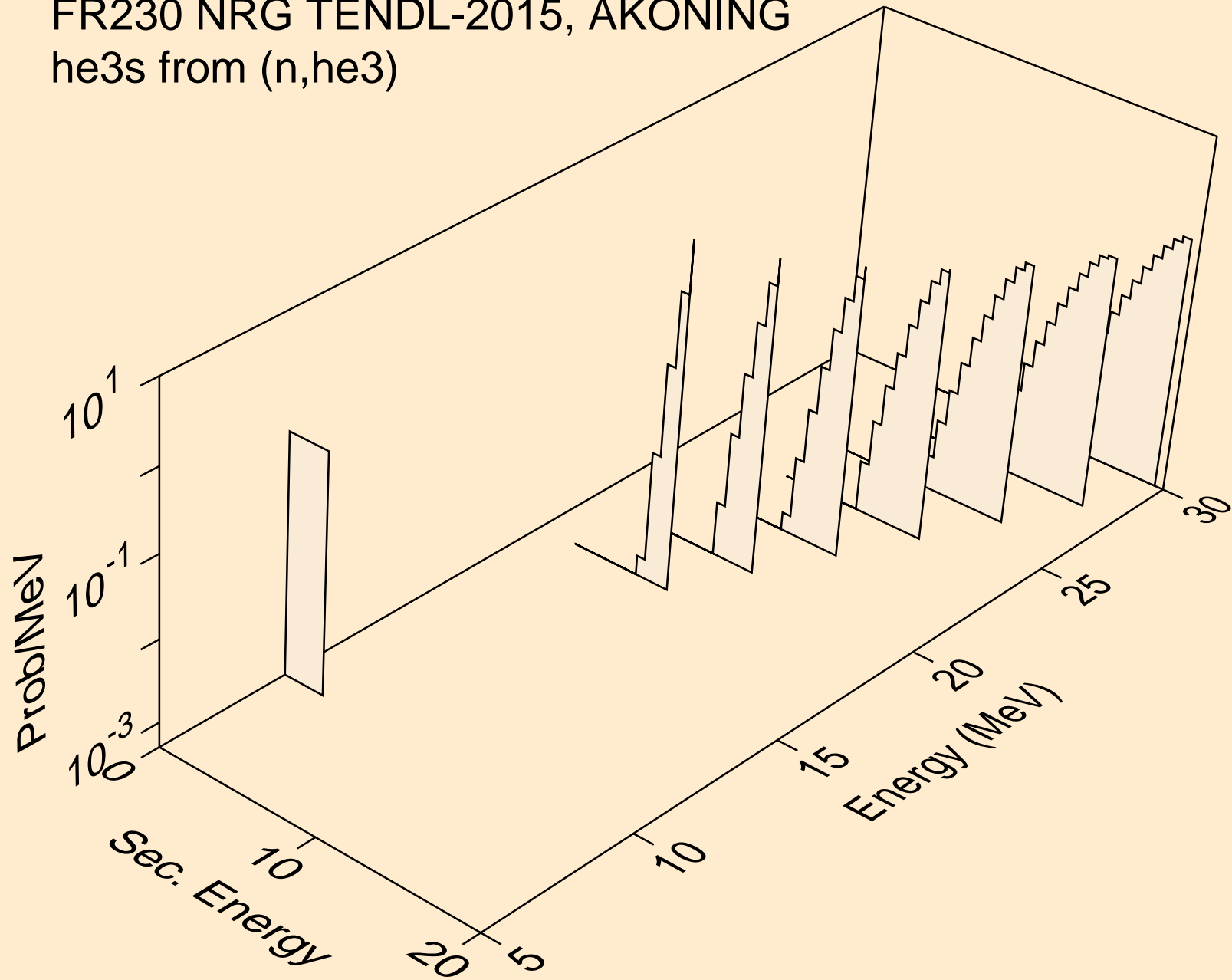




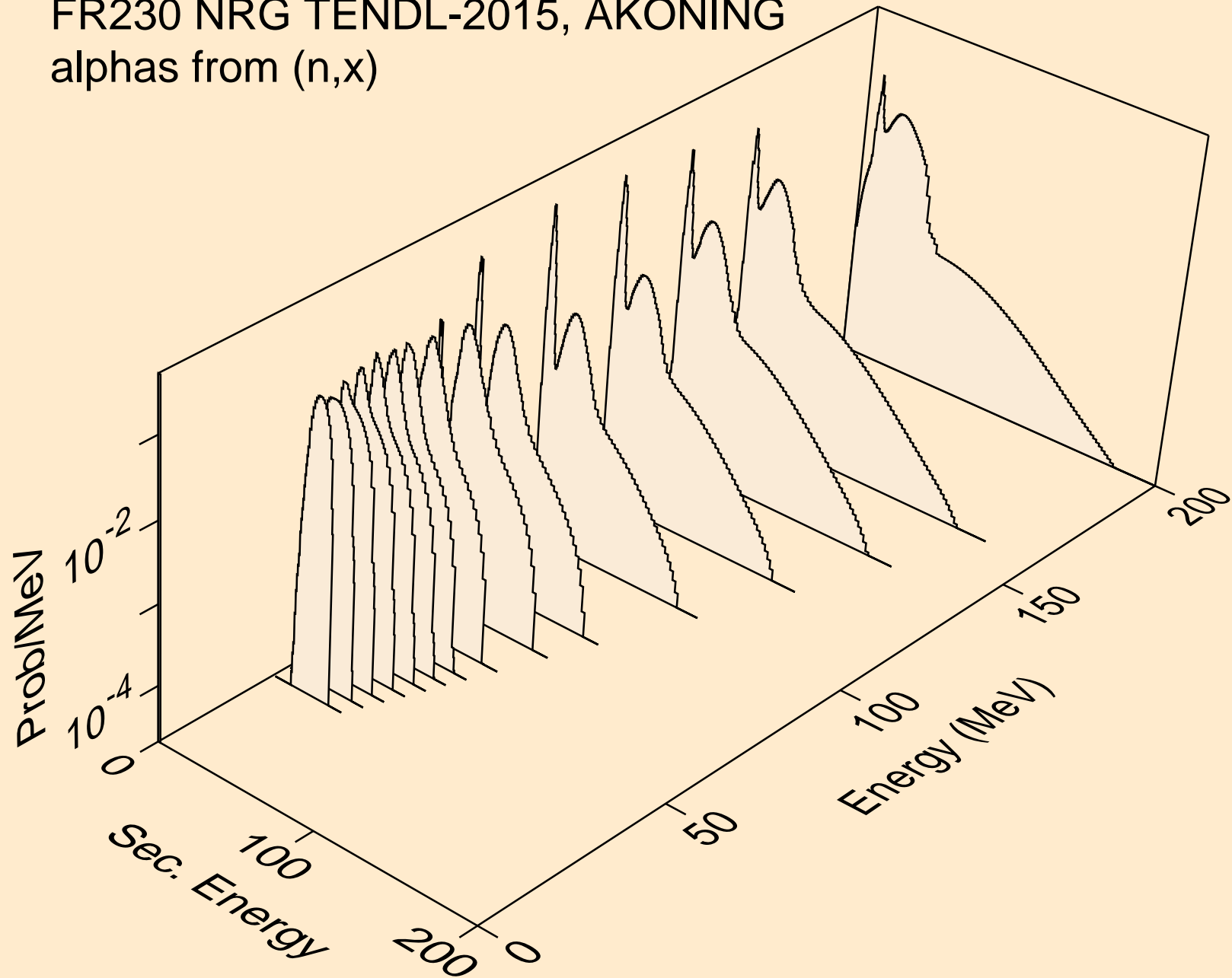
FR230 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



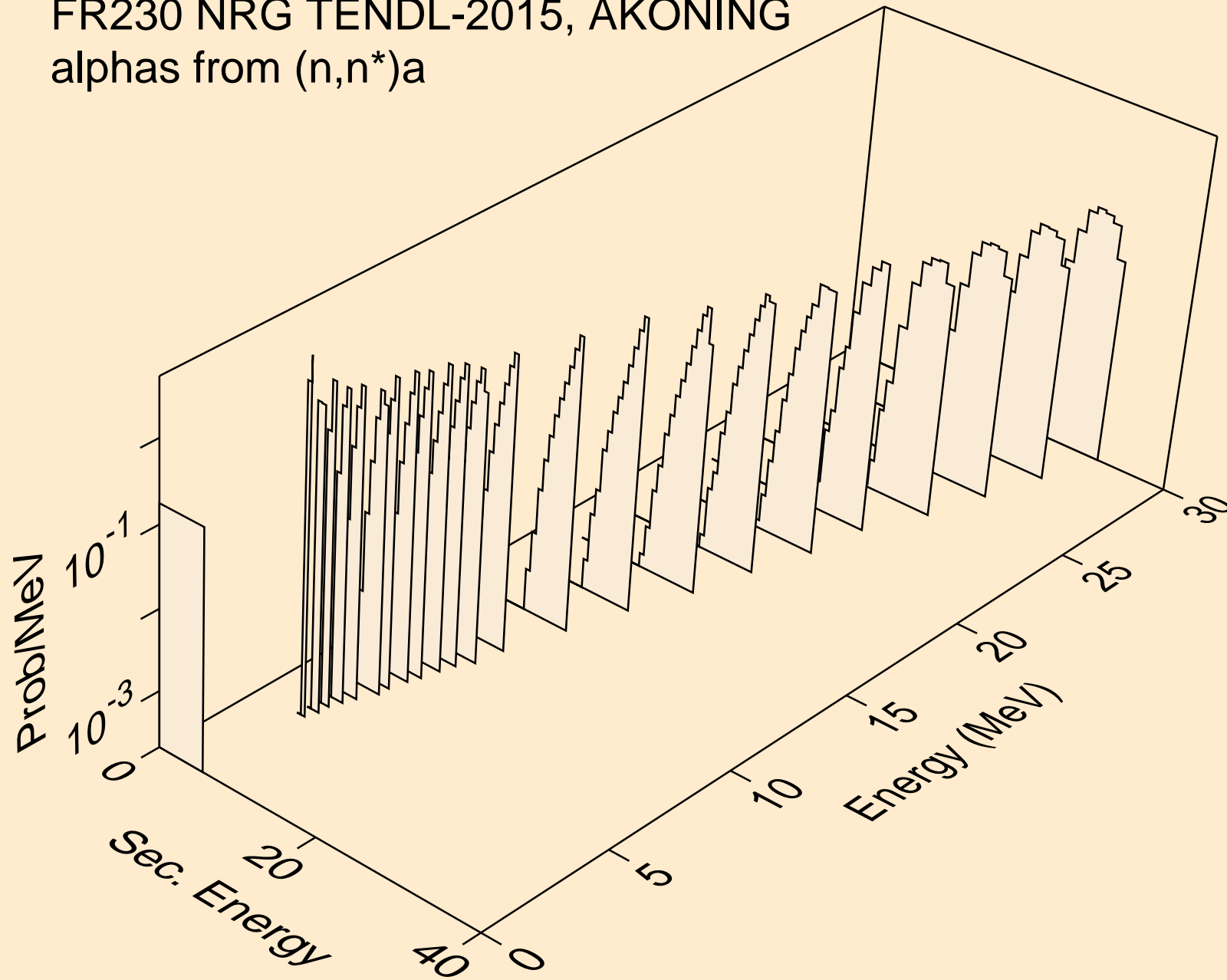
FR230 NRG TENDL-2015, AKONING  
he3s from (n,he3)



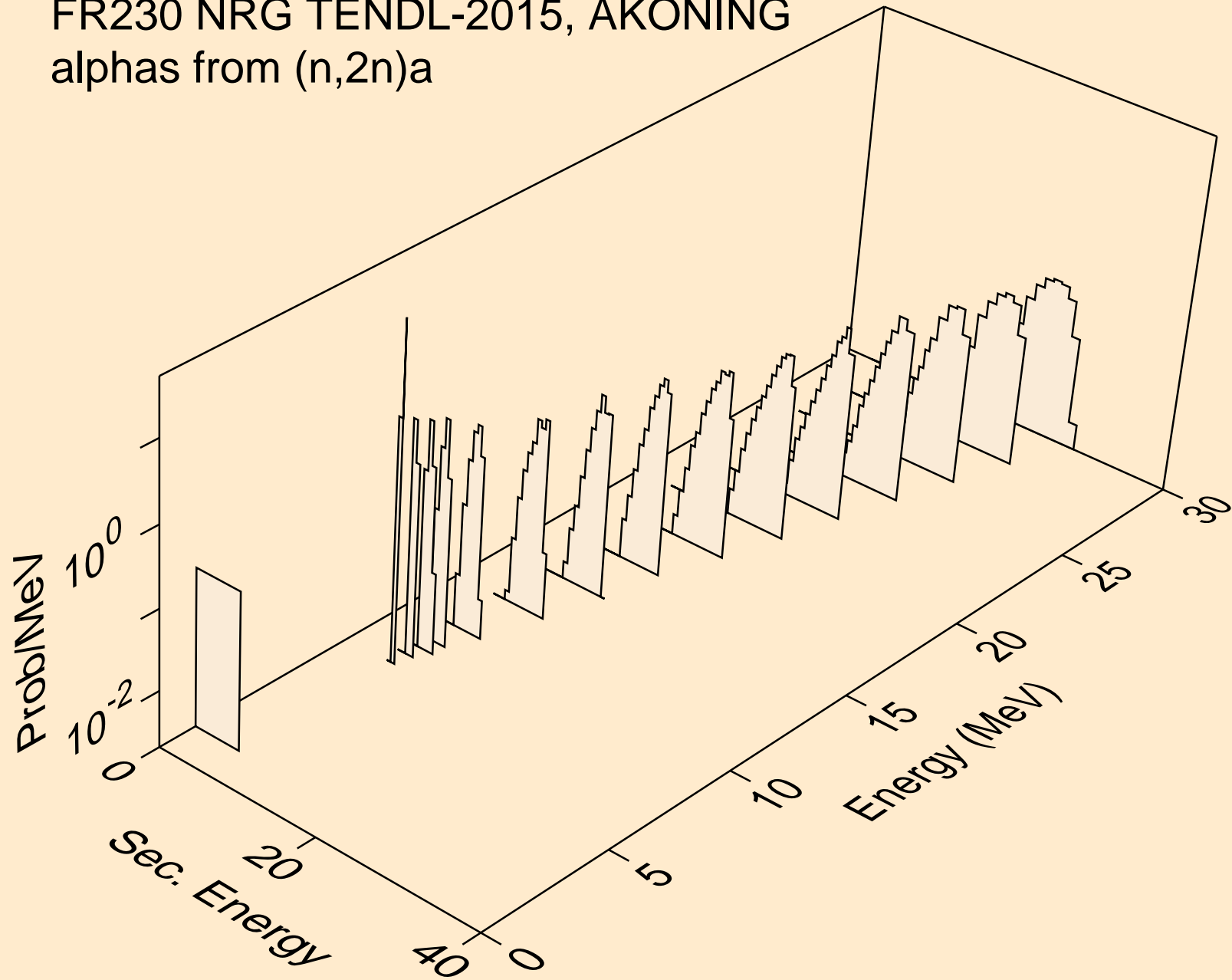
FR230 NRG TENDL-2015, AKONING  
alphas from (n,x)



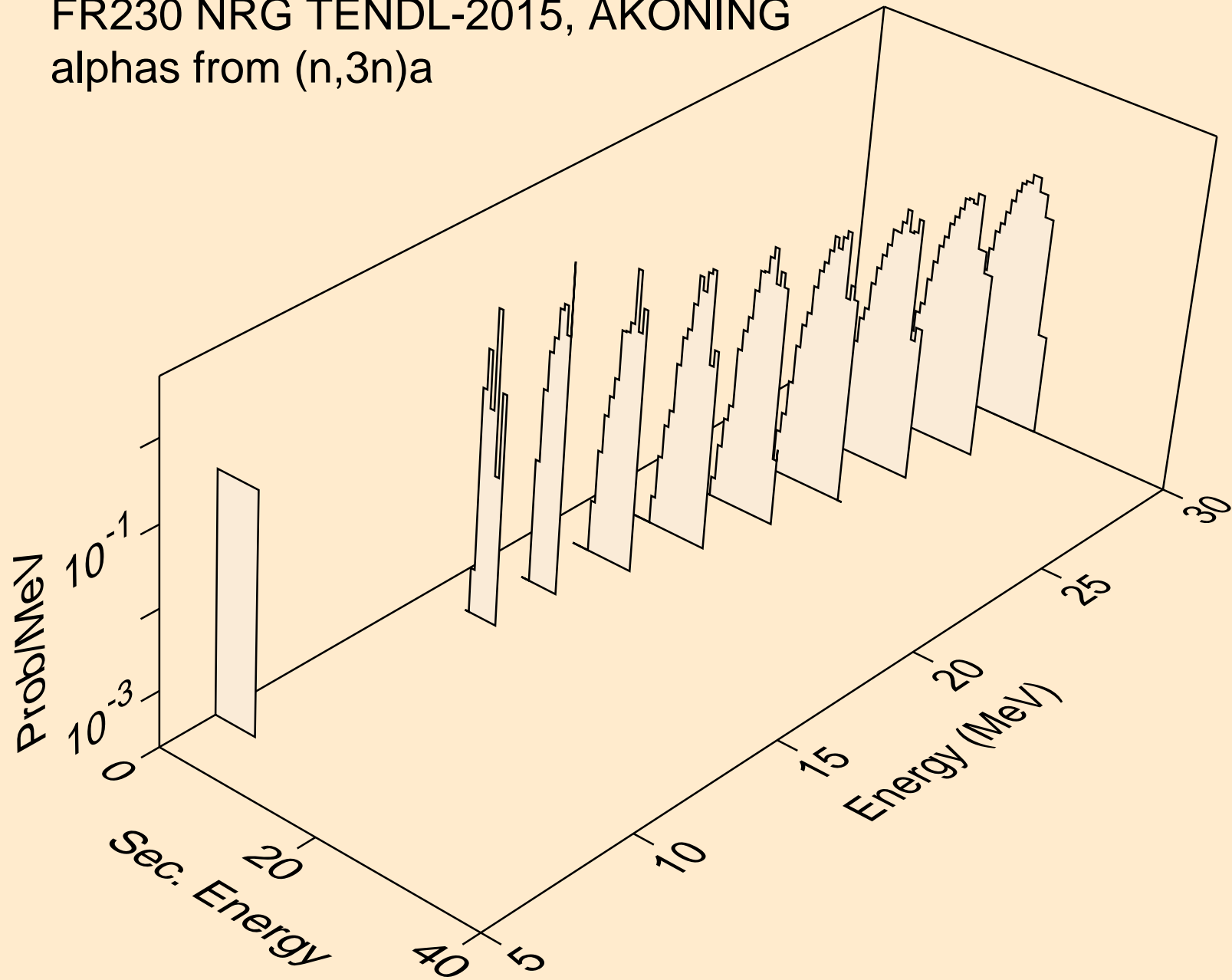
FR230 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



FR230 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



FR230 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



FR230 NRG TENDL-2015, AKONING  
alphas from (n,a)

