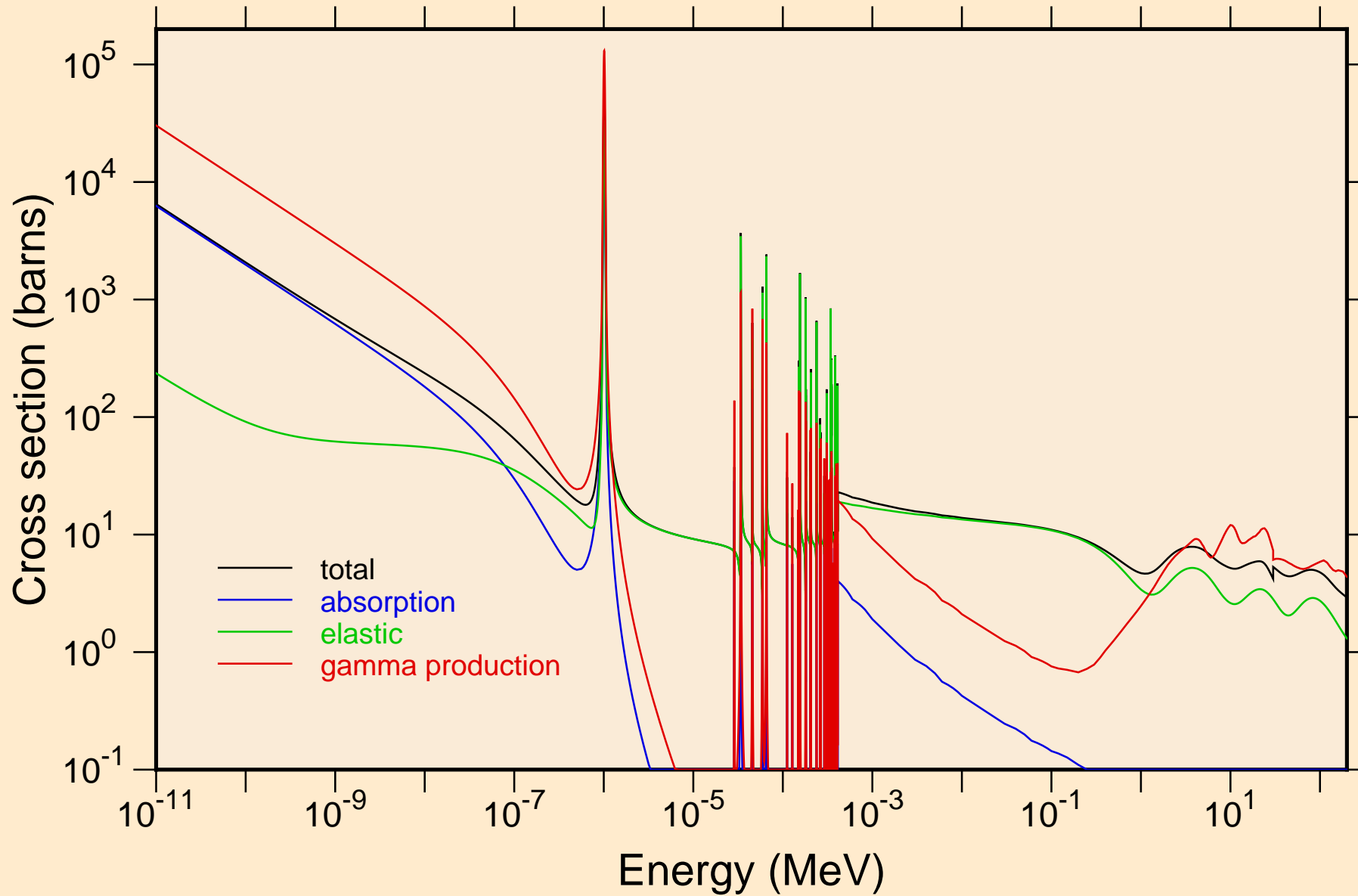
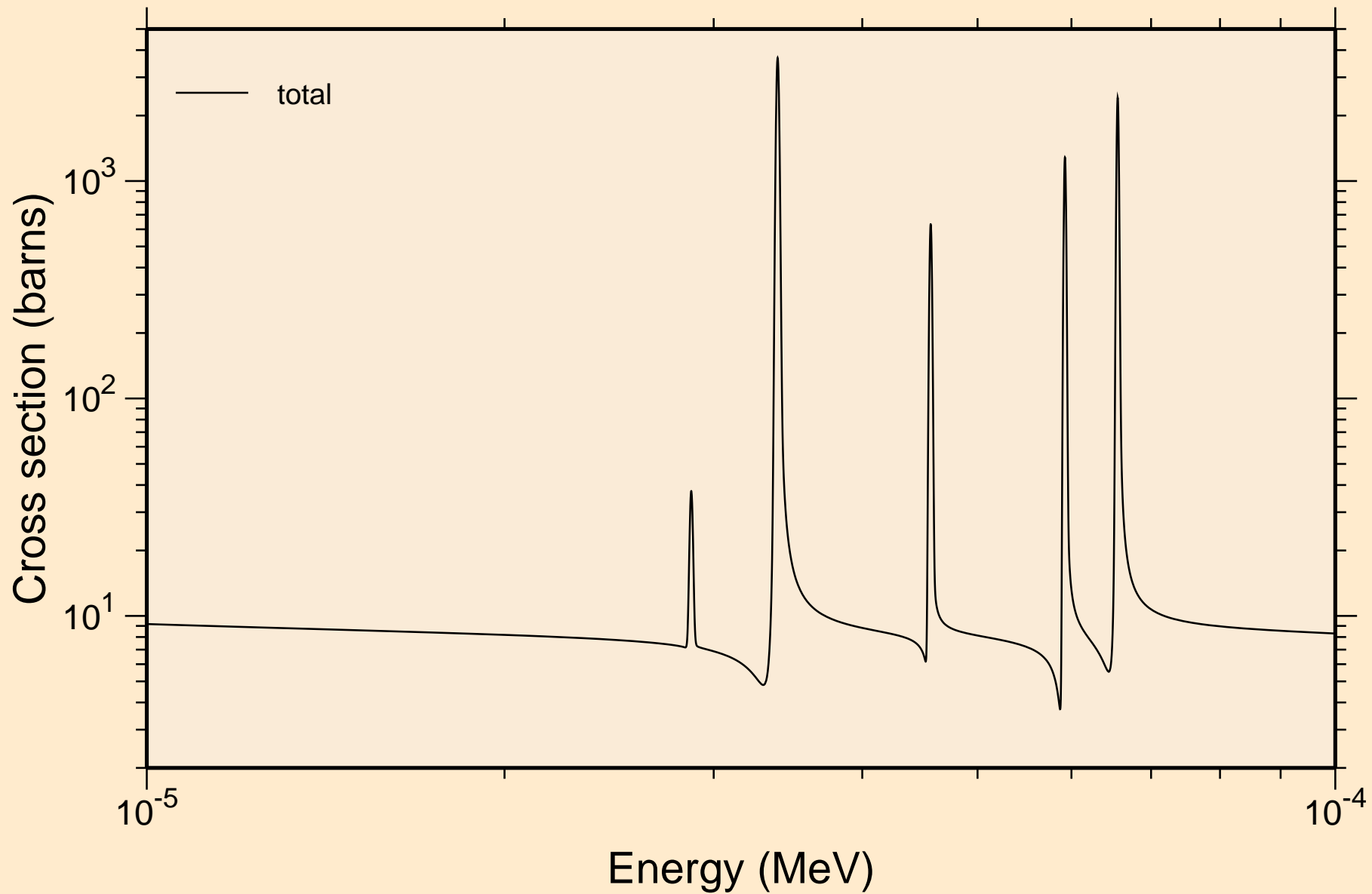


# PO219 NRG TENDL-2015, AKONING

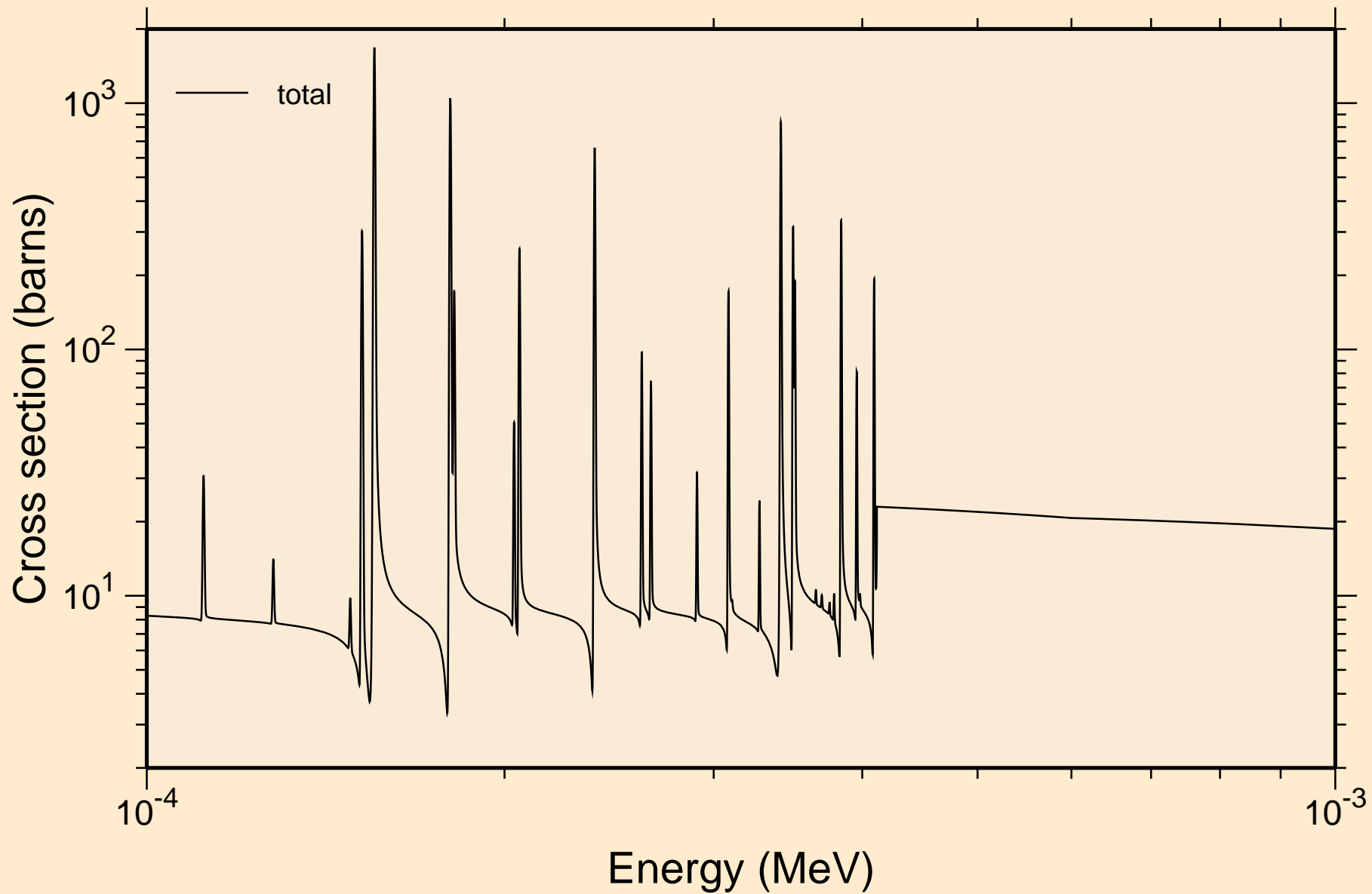
## Principal cross sections



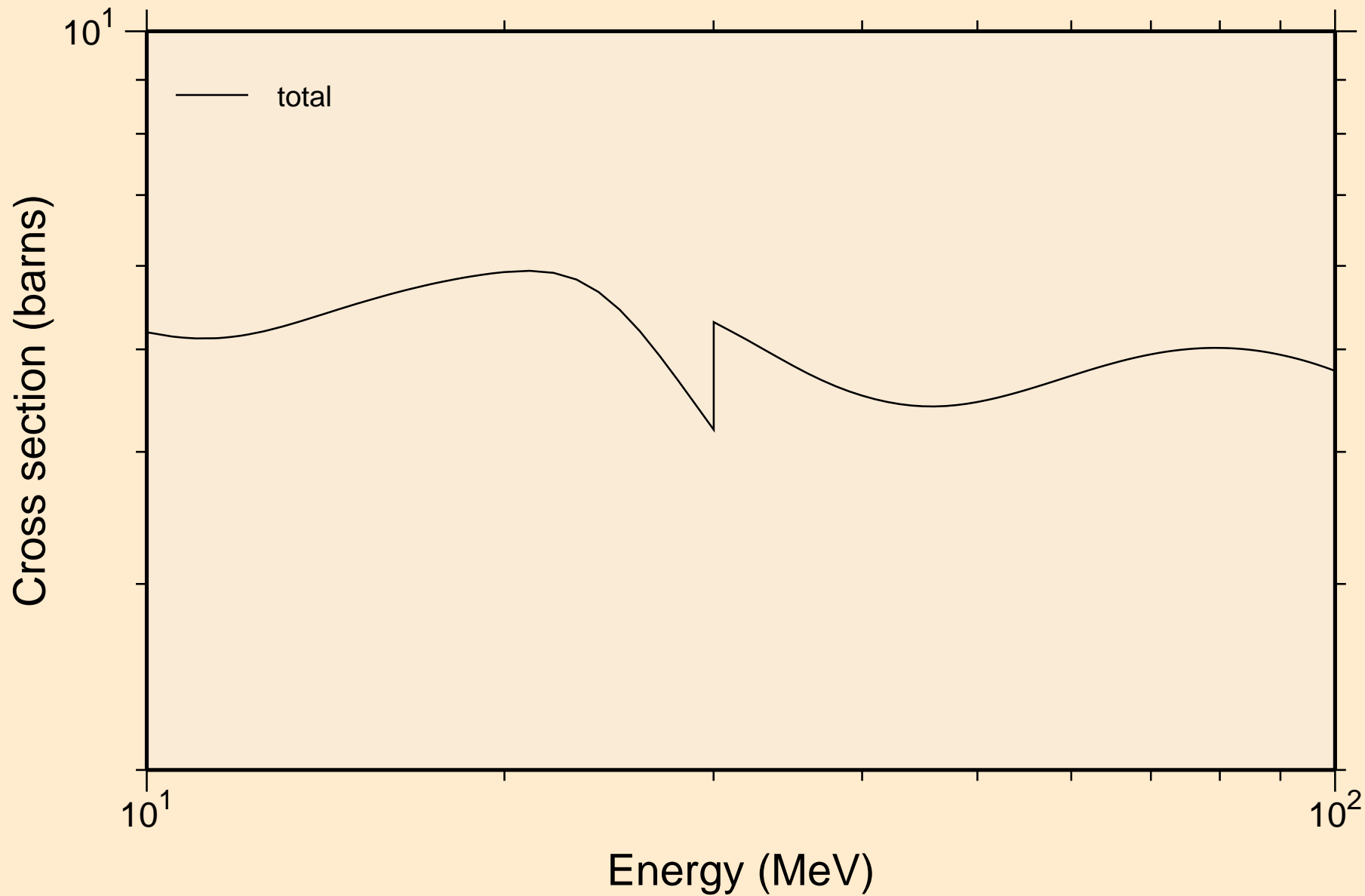
PO219 NRG TENDL-2015, AKONING  
resonance total cross section



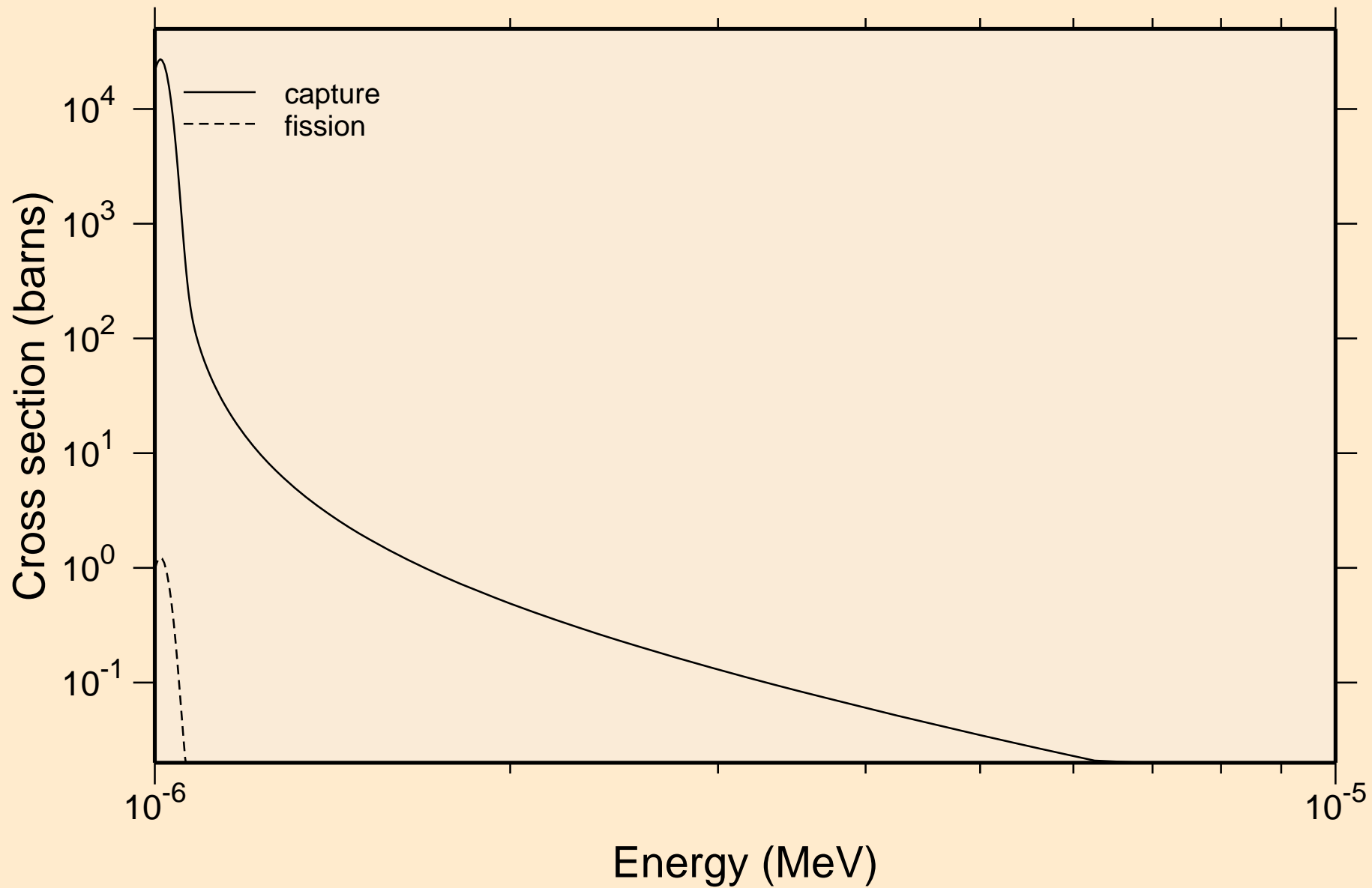
PO219 NRG TENDL-2015, AKONING  
resonance total cross section



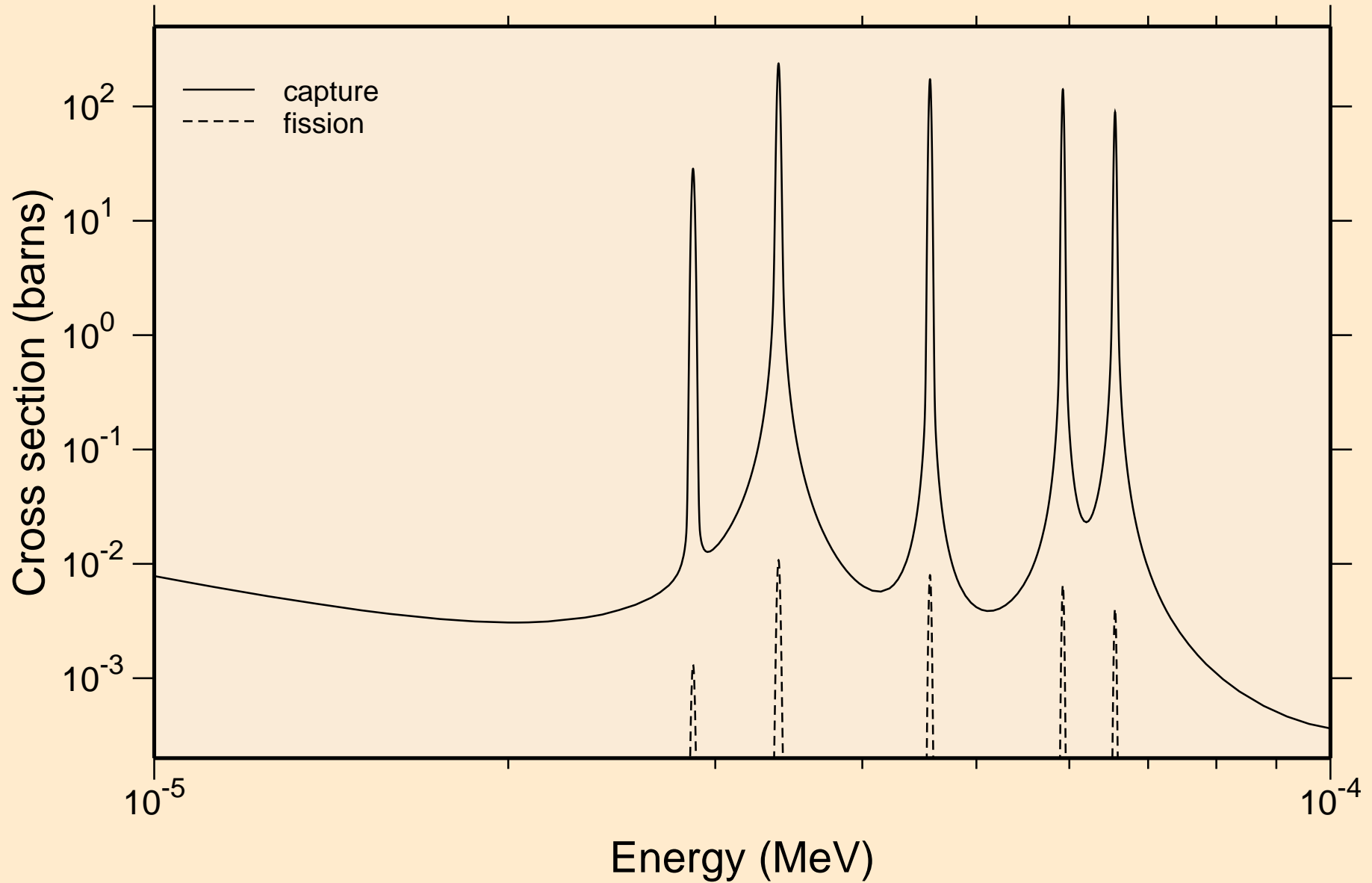
PO219 NRG TENDL-2015, AKONING  
resonance total cross section



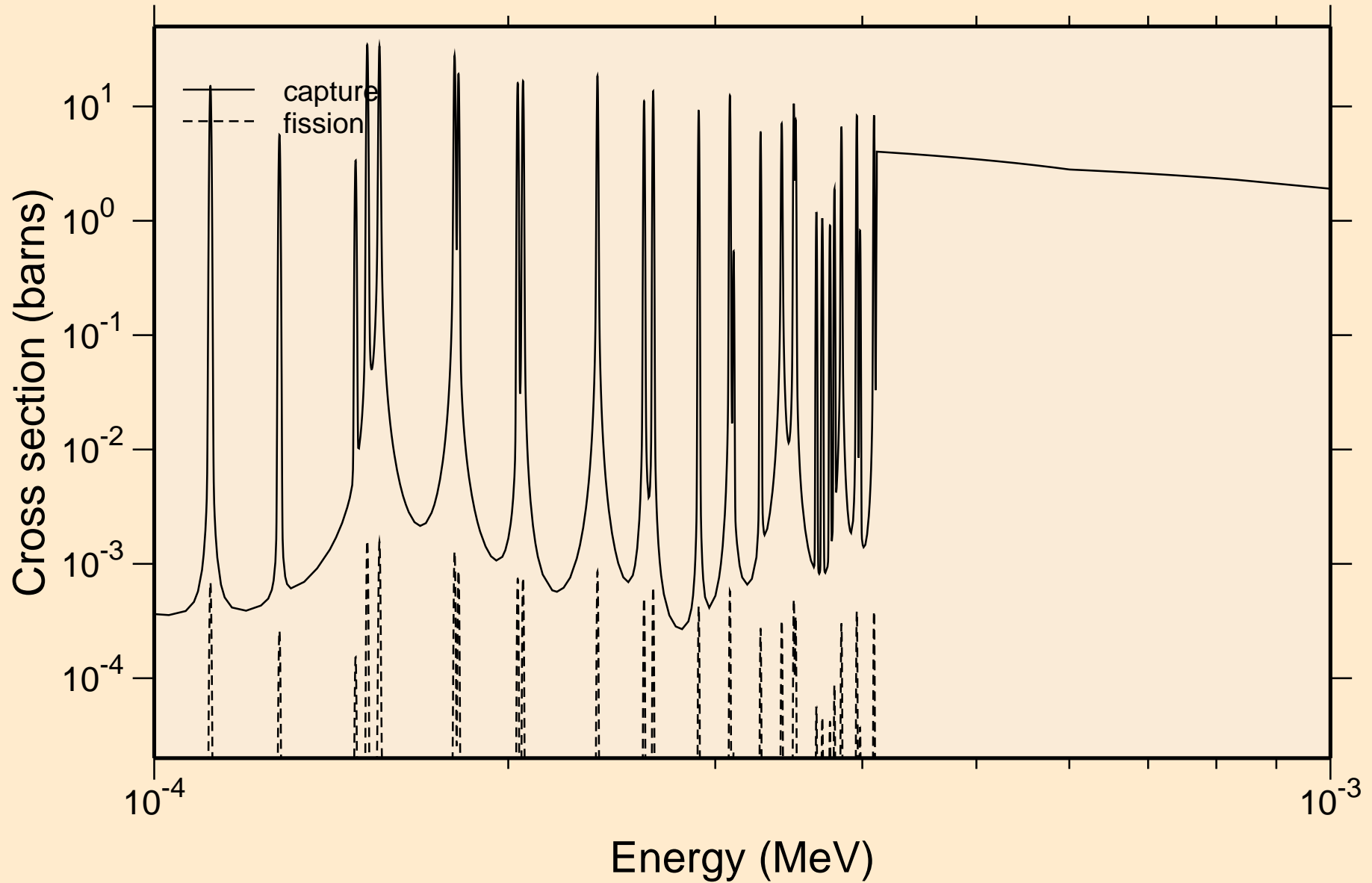
PO219 NRG TENDL-2015, AKONING  
resonance absorption cross sections



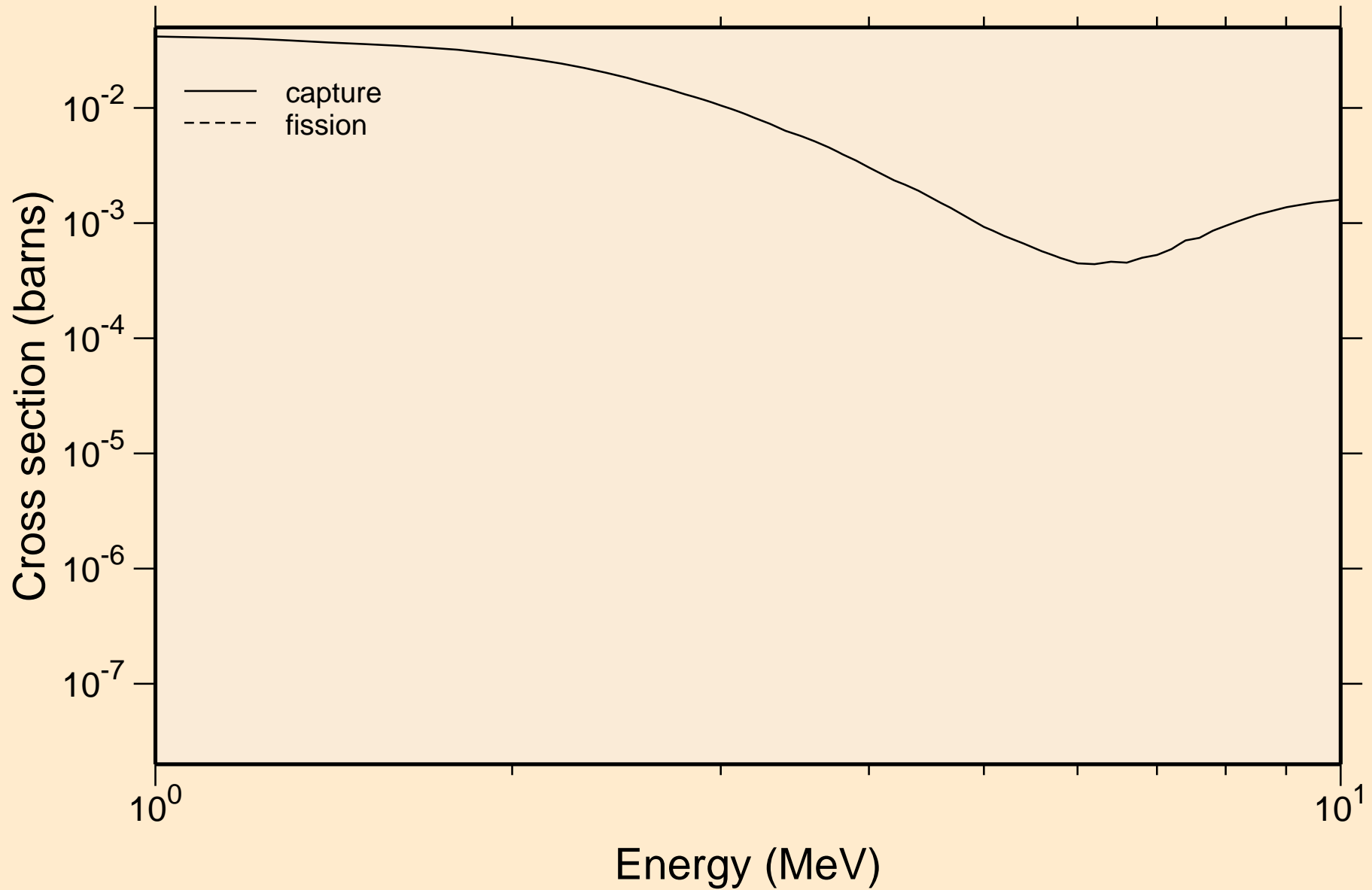
PO219 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PO219 NRG TENDL-2015, AKONING  
resonance absorption cross sections



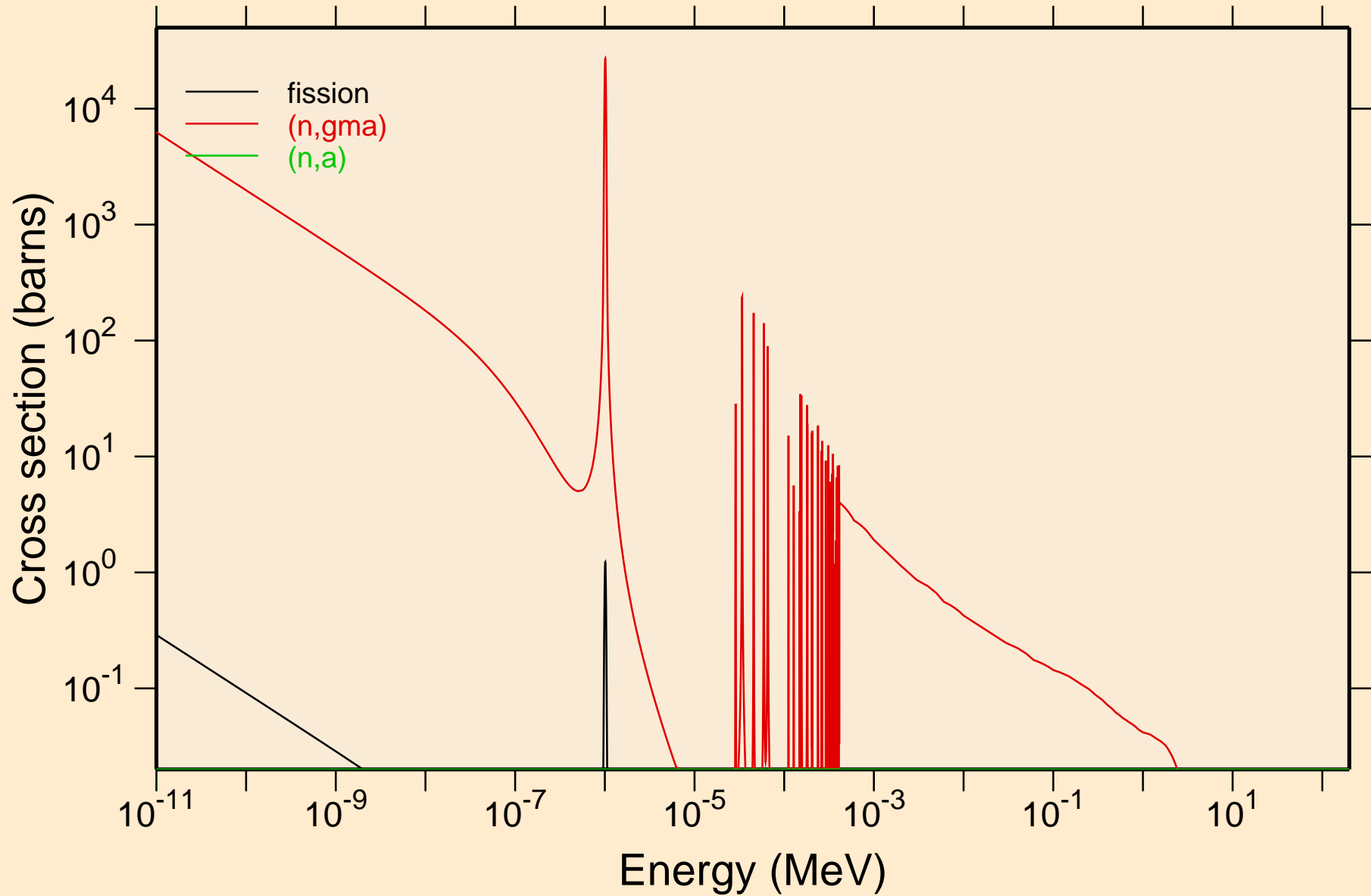
PO219 NRG TENDL-2015, AKONING  
resonance absorption cross sections





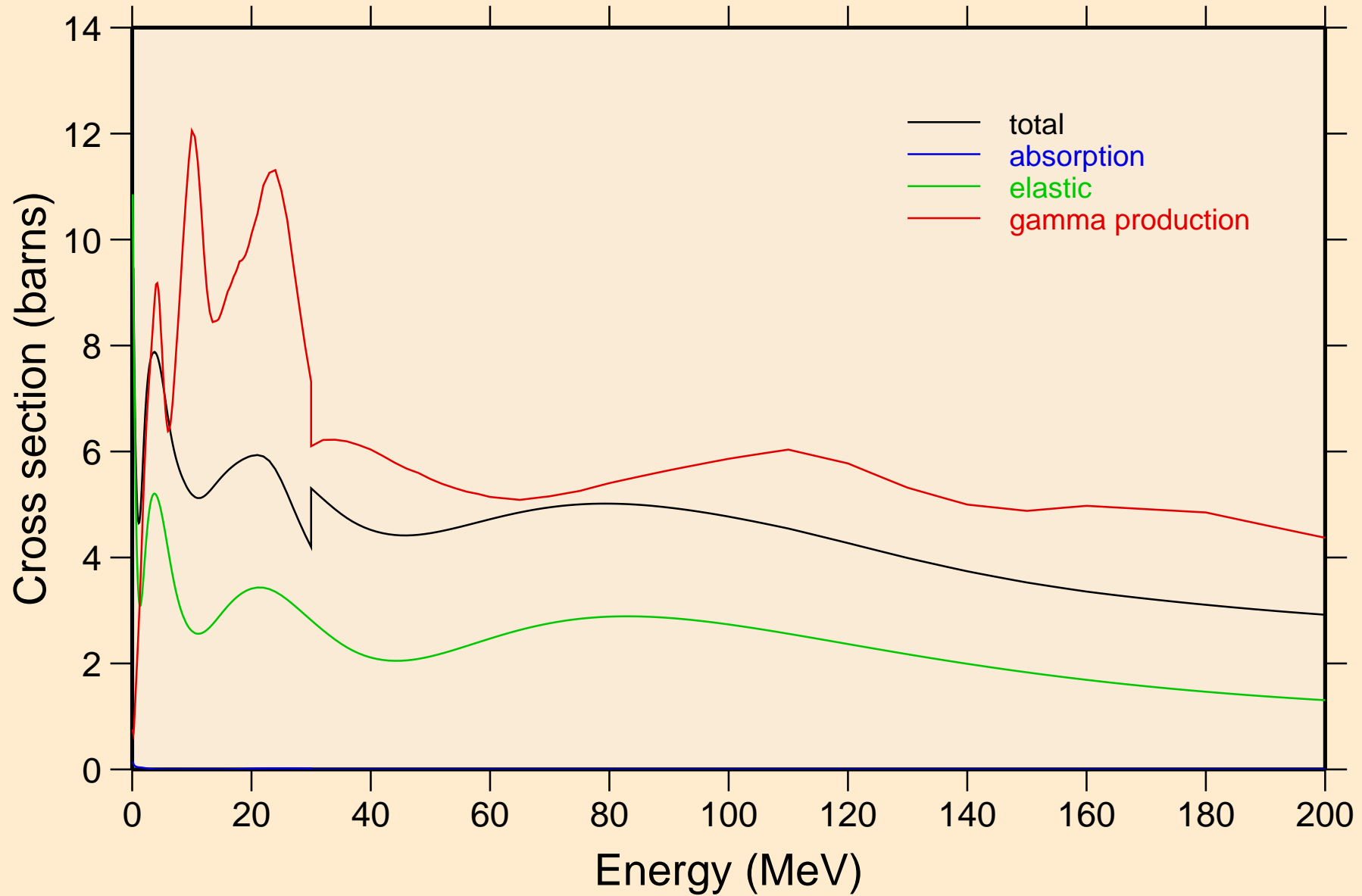
# PO219 NRG TENDL-2015, AKONING

## Non-threshold reactions



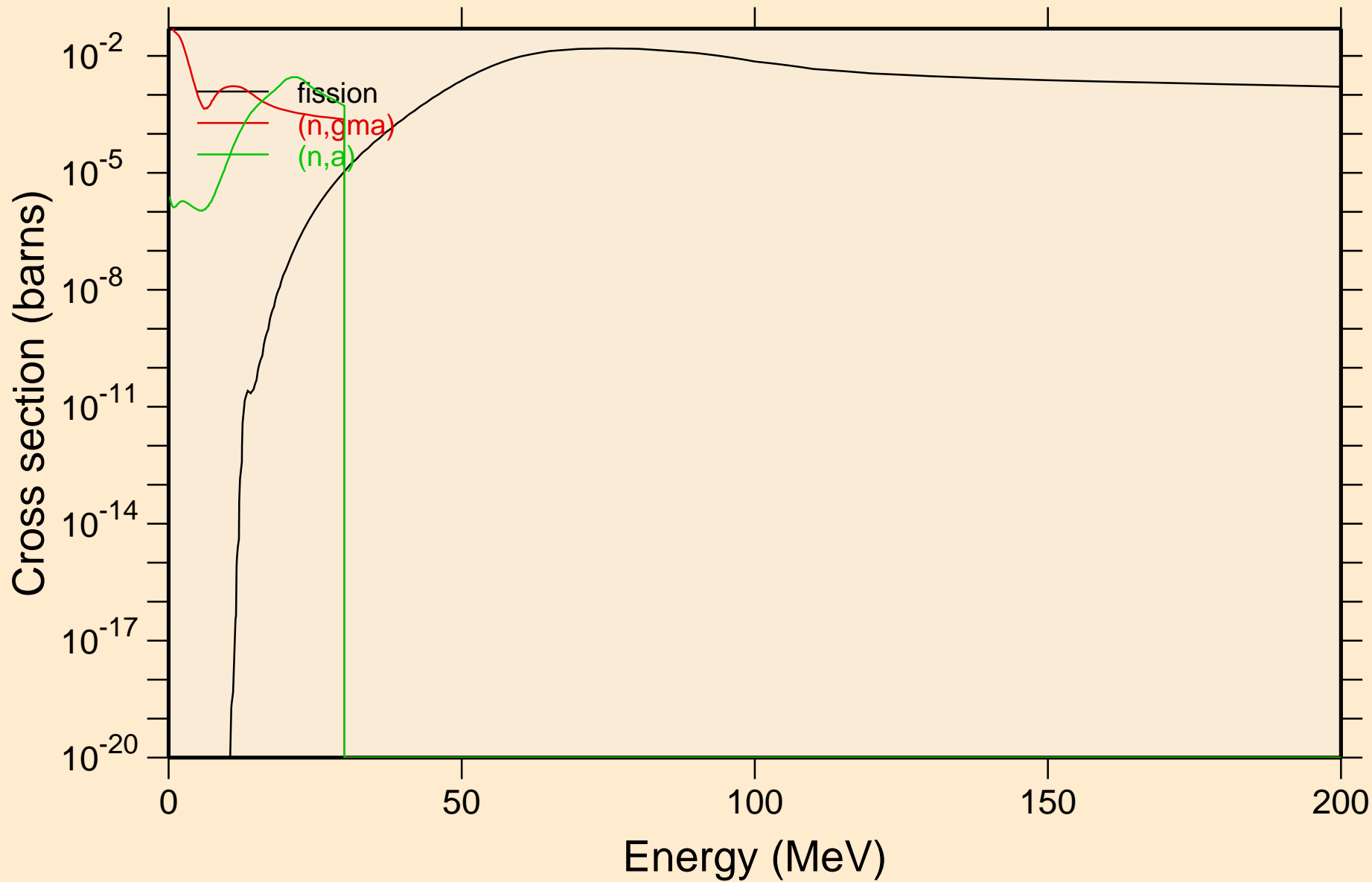
# PO219 NRG TENDL-2015, AKONING

## Principal cross sections

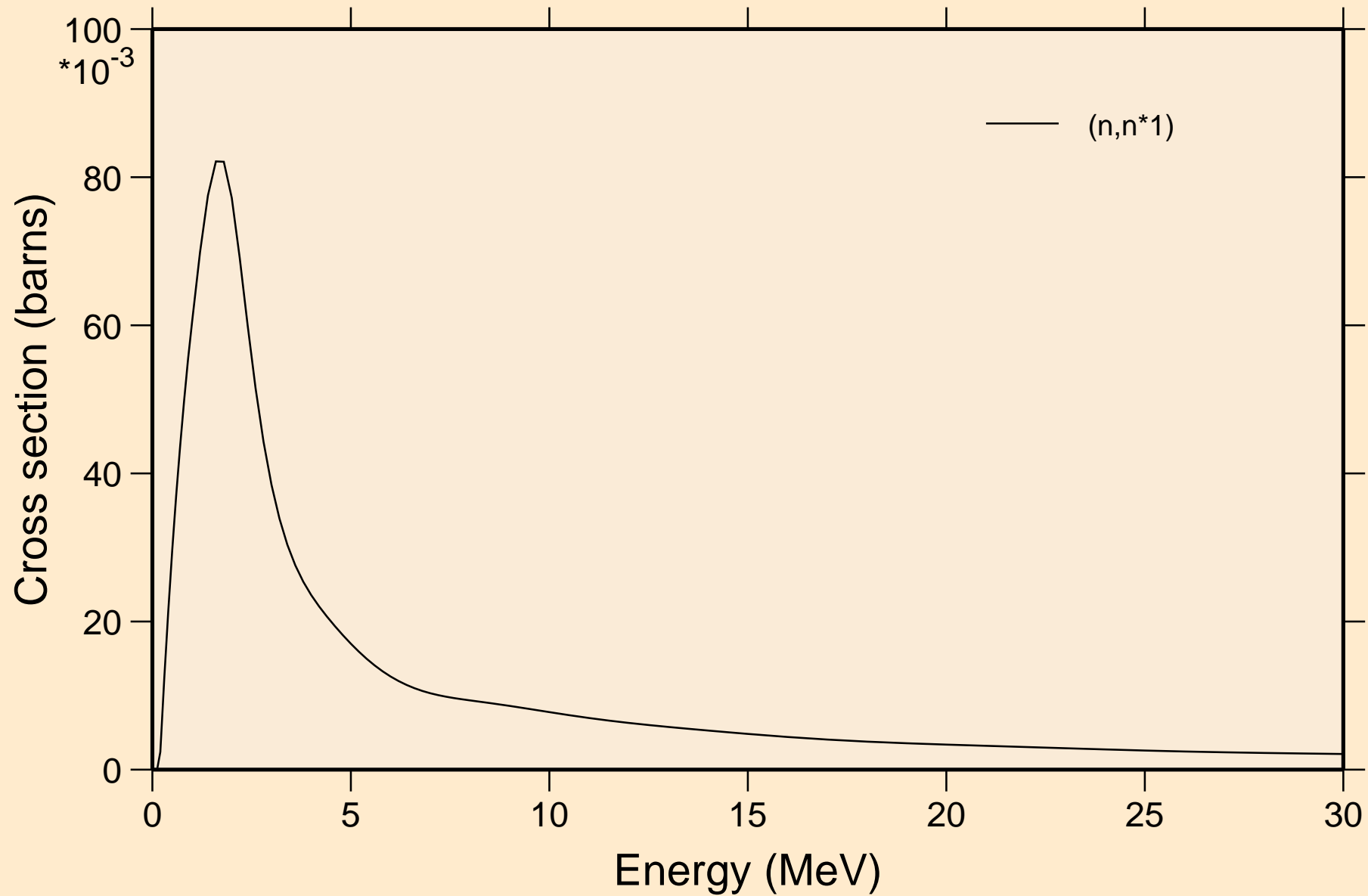


# PO219 NRG TENDL-2015, AKONING

## Non-threshold reactions

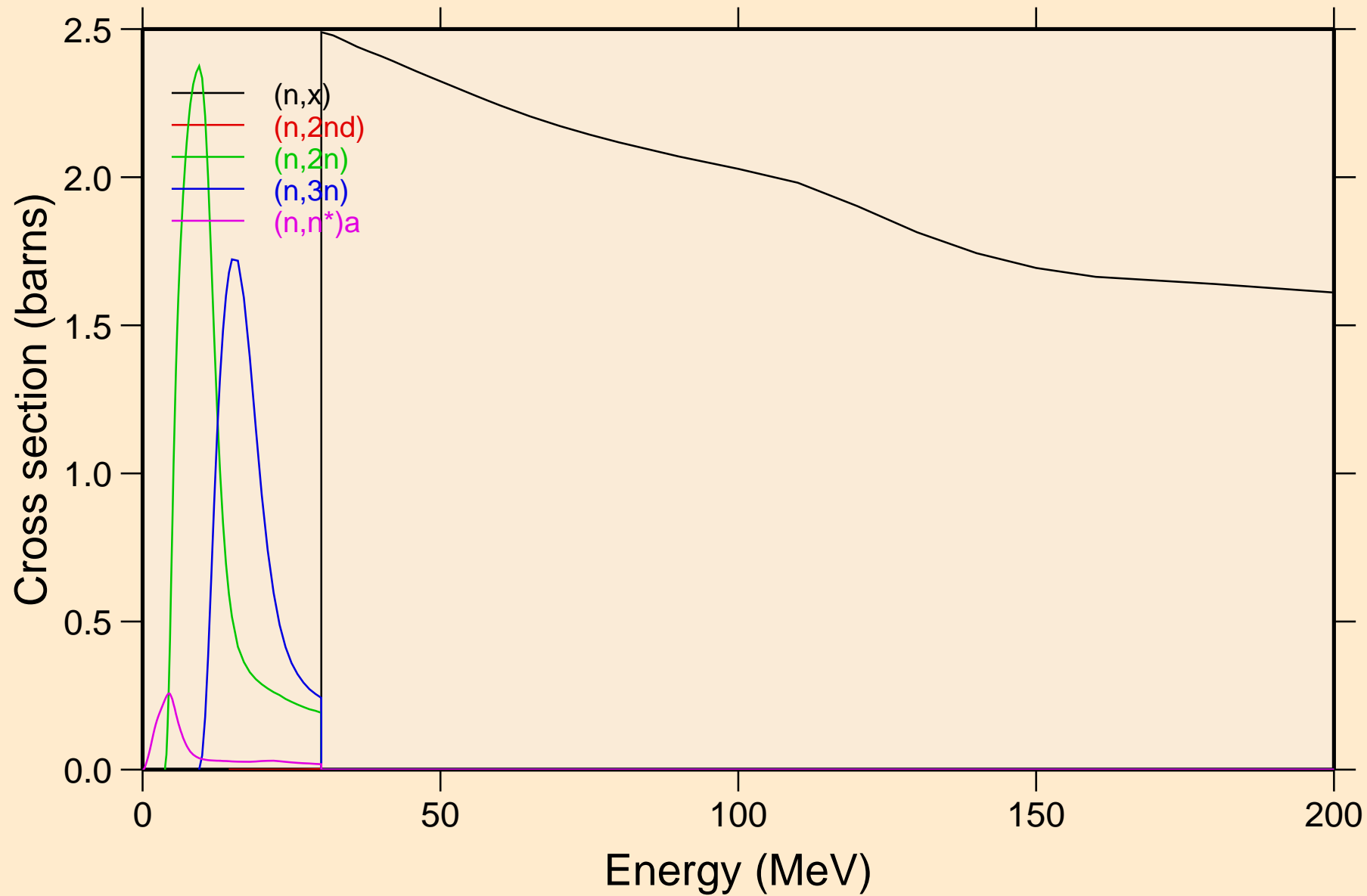


PO219 NRG TENDL-2015, AKONING  
Inelastic levels



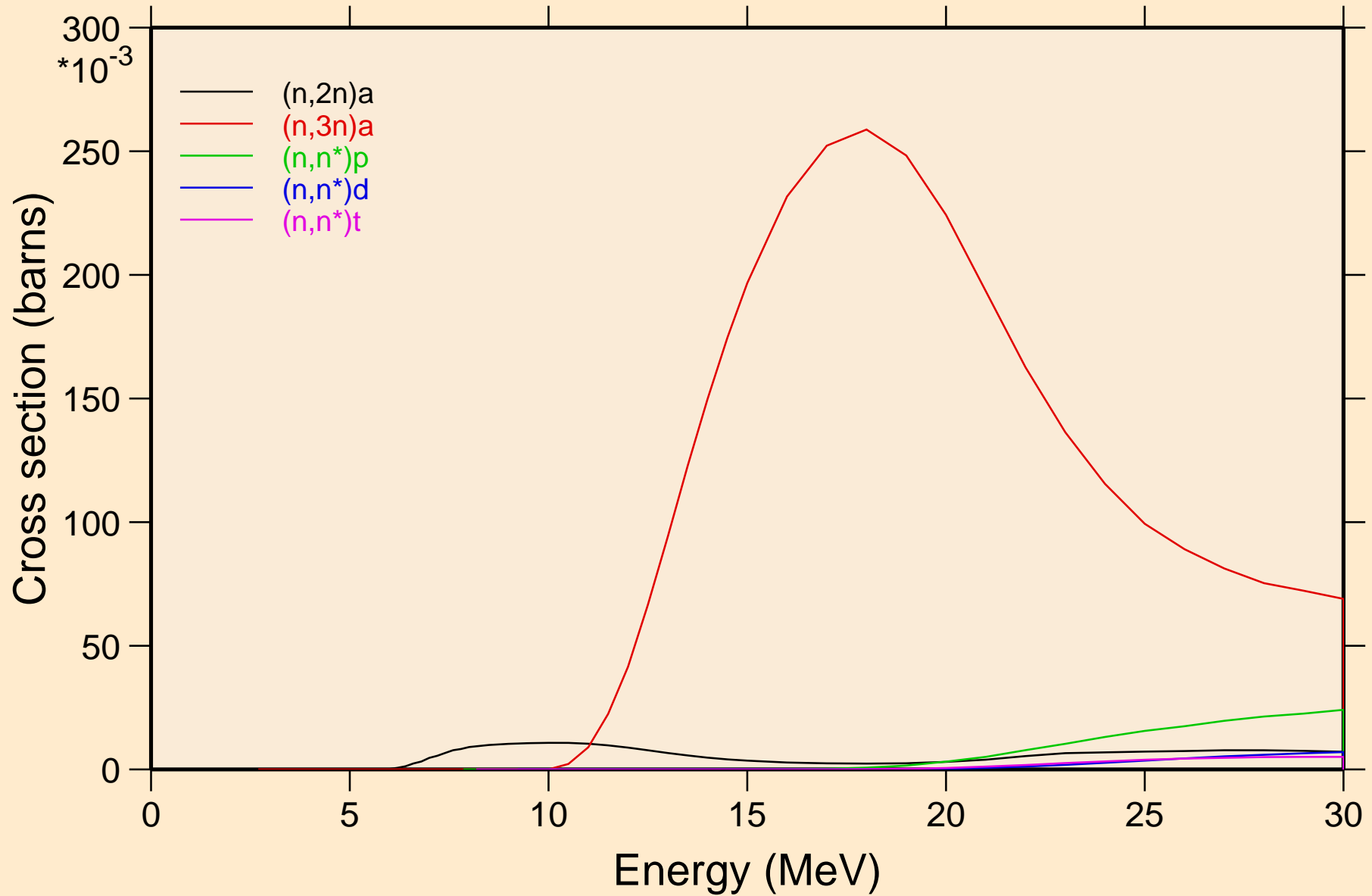
# PO219 NRG TENDL-2015, AKONING

## Threshold reactions



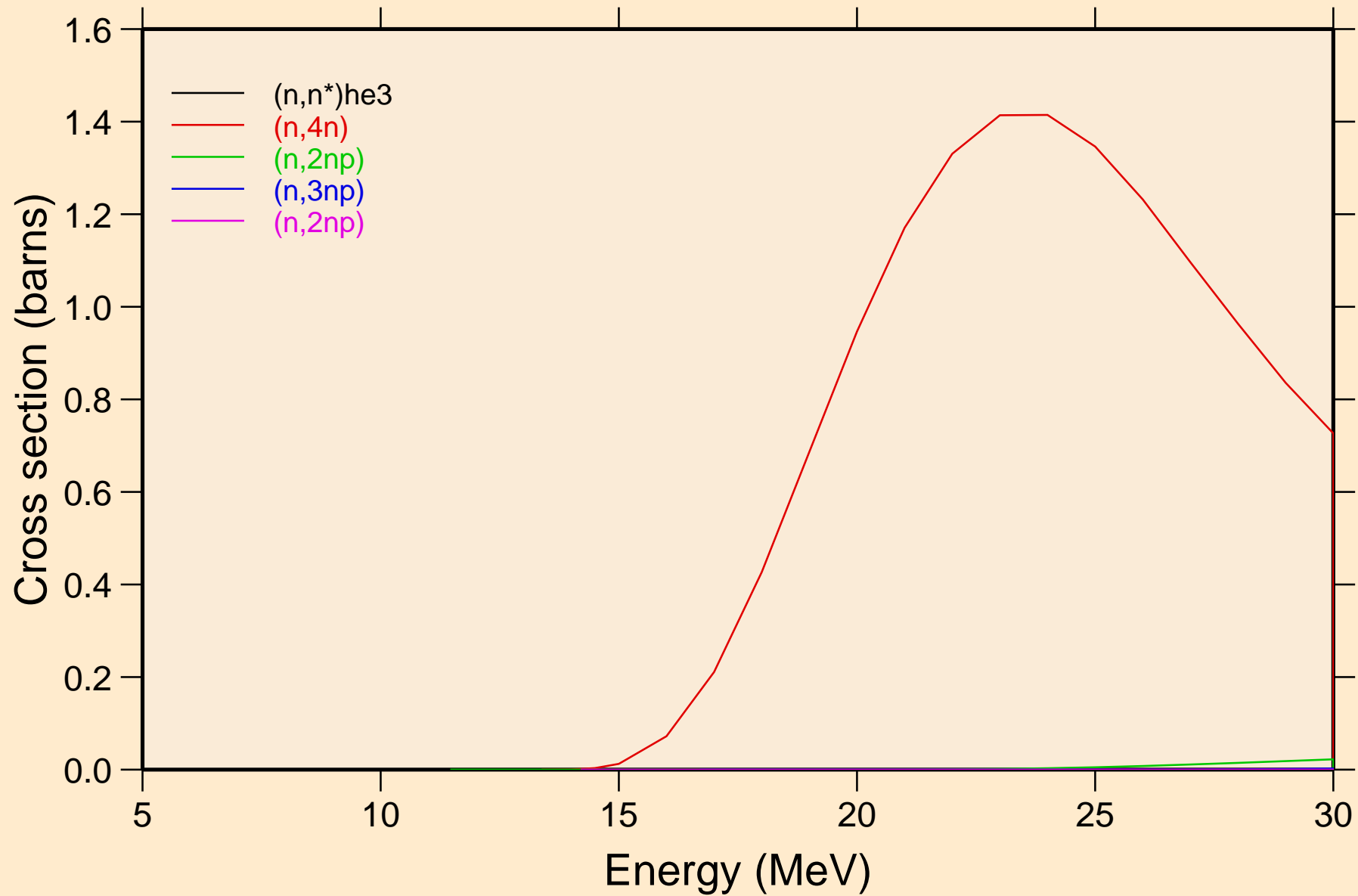
# PO219 NRG TENDL-2015, AKONING

## Threshold reactions



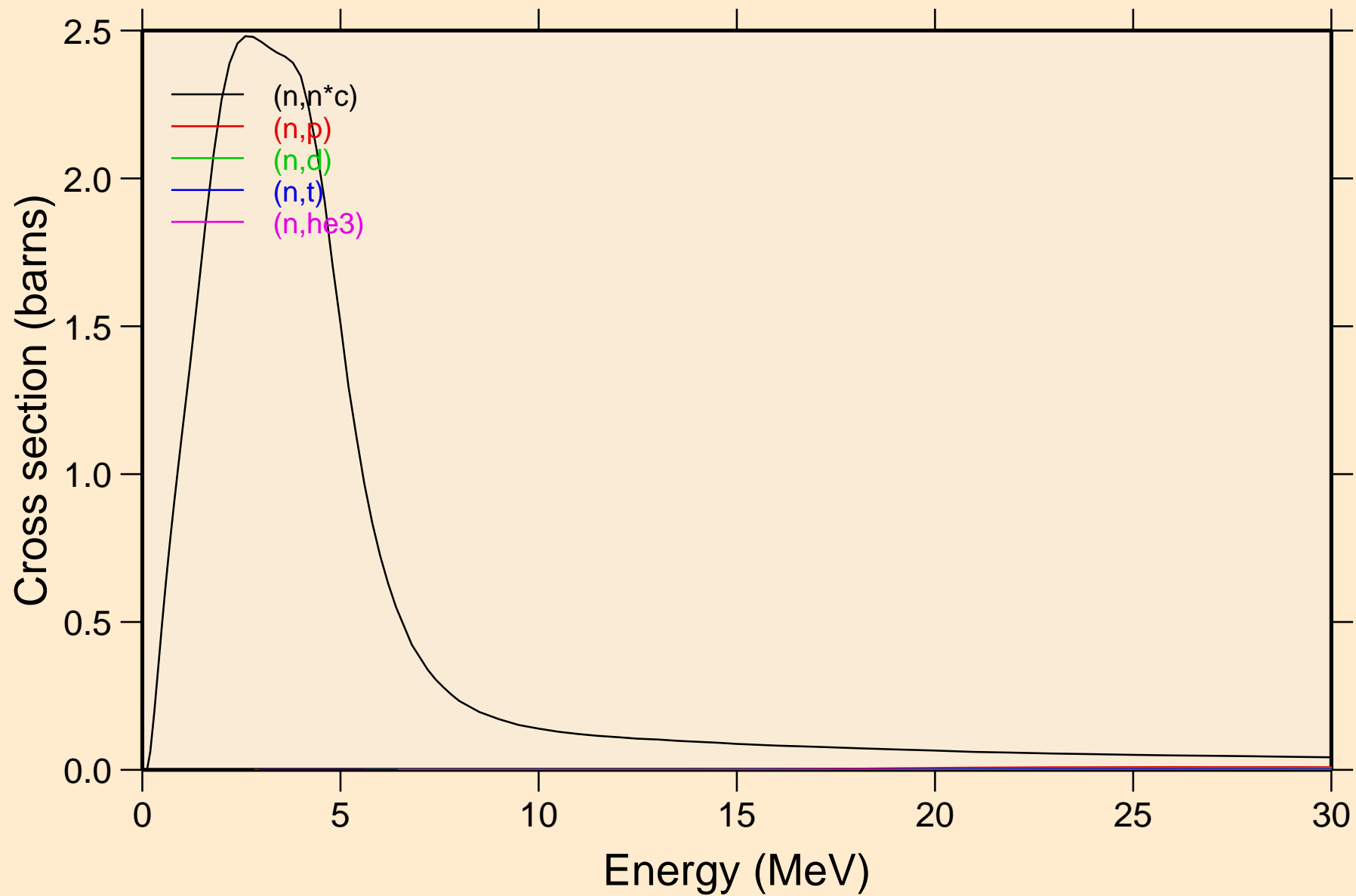
# PO219 NRG TENDL-2015, AKONING

## Threshold reactions



# PO219 NRG TENDL-2015, AKONING

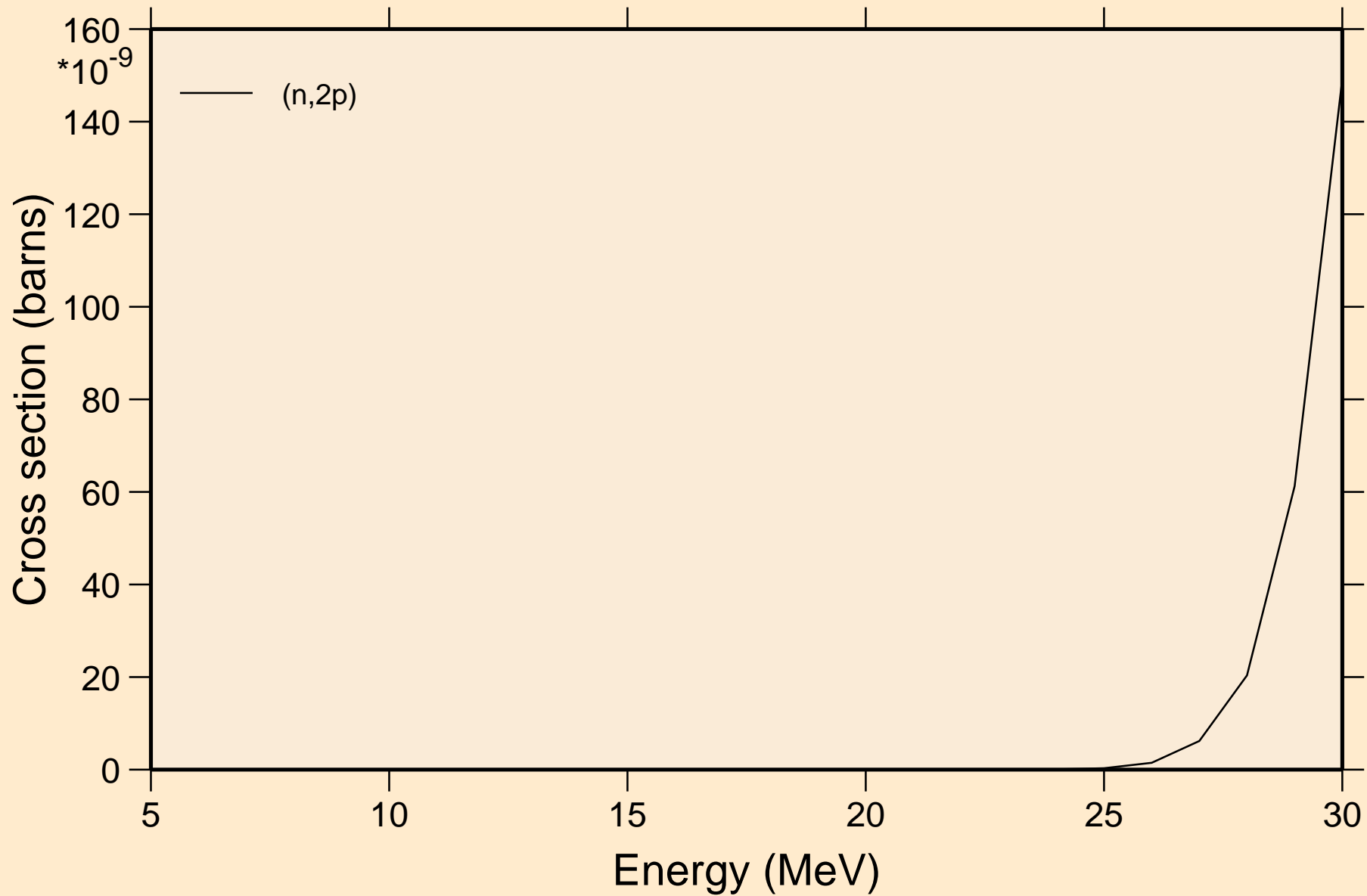
## Threshold reactions



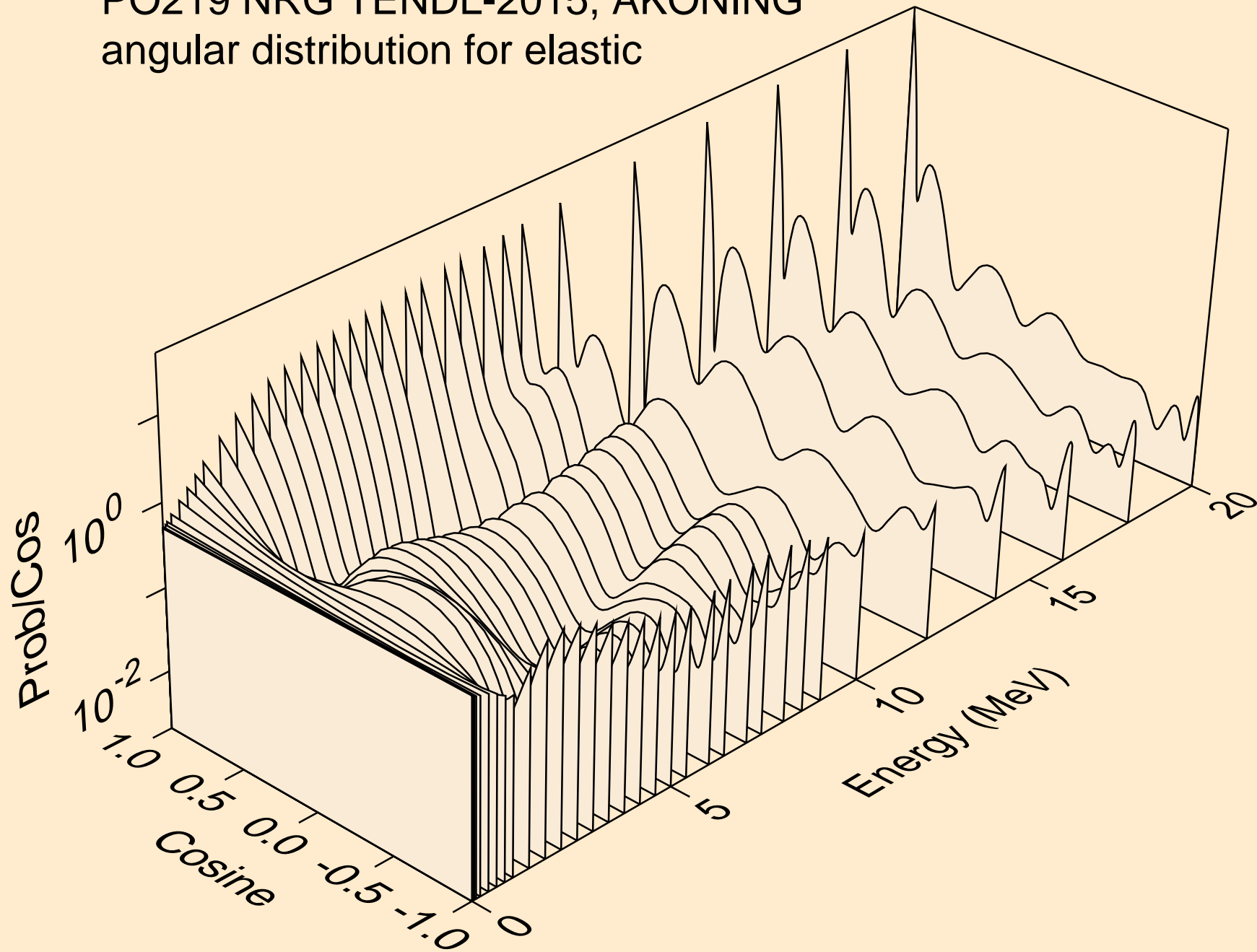


# PO219 NRG TENDL-2015, AKONING

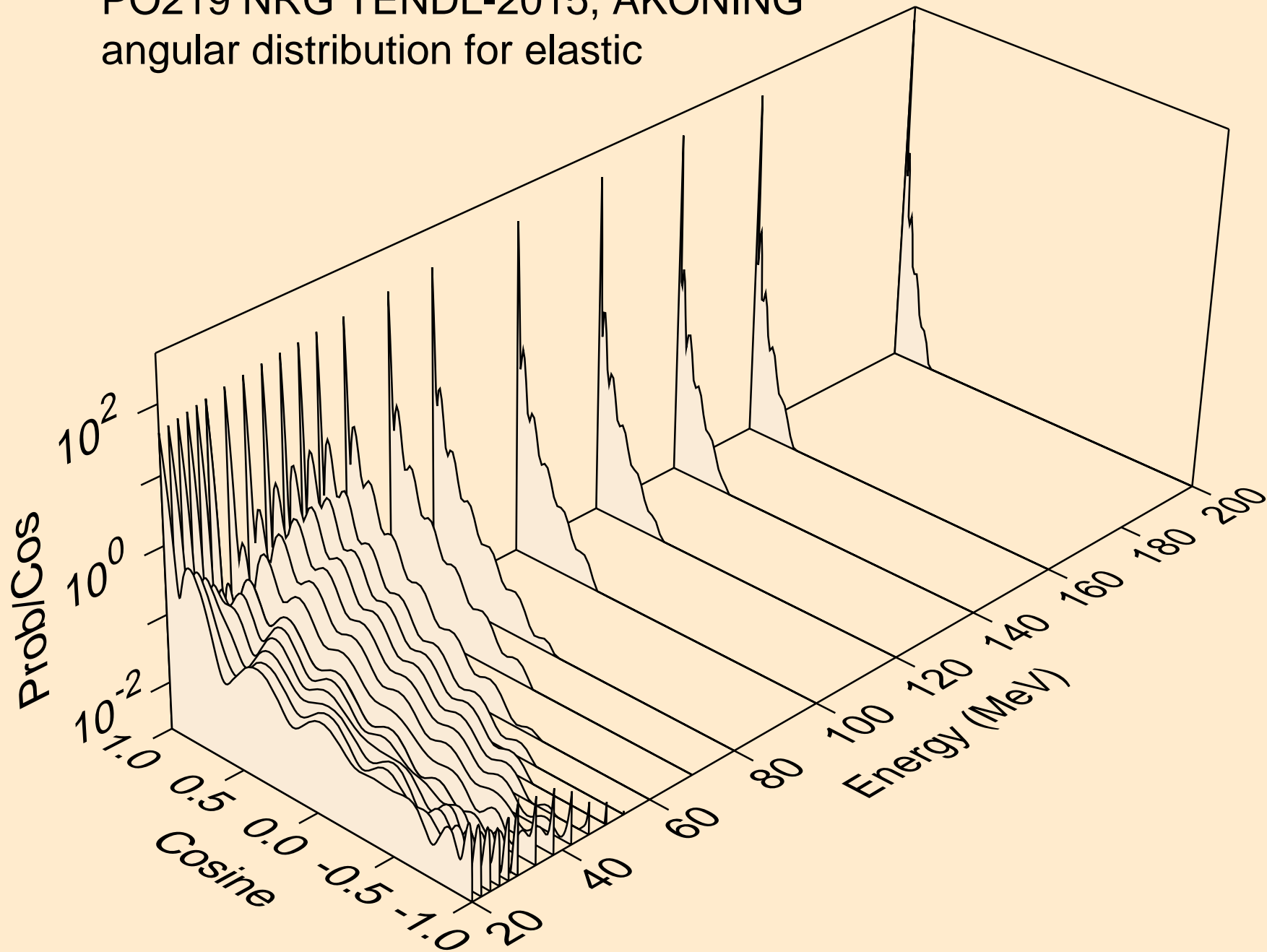
## Threshold reactions



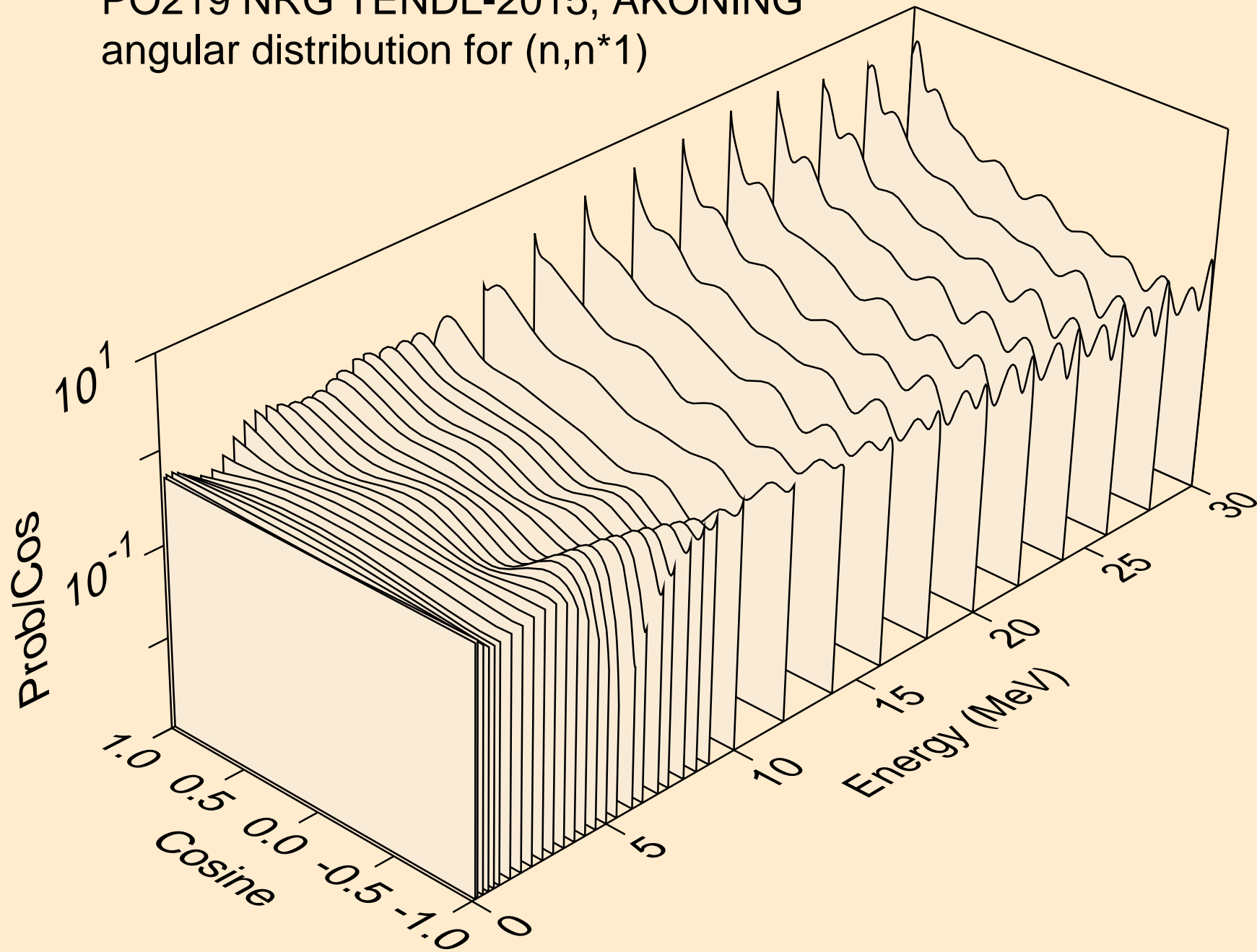
PO219 NRG TENDL-2015, AKONING  
angular distribution for elastic



PO219 NRG TENDL-2015, AKONING  
angular distribution for elastic

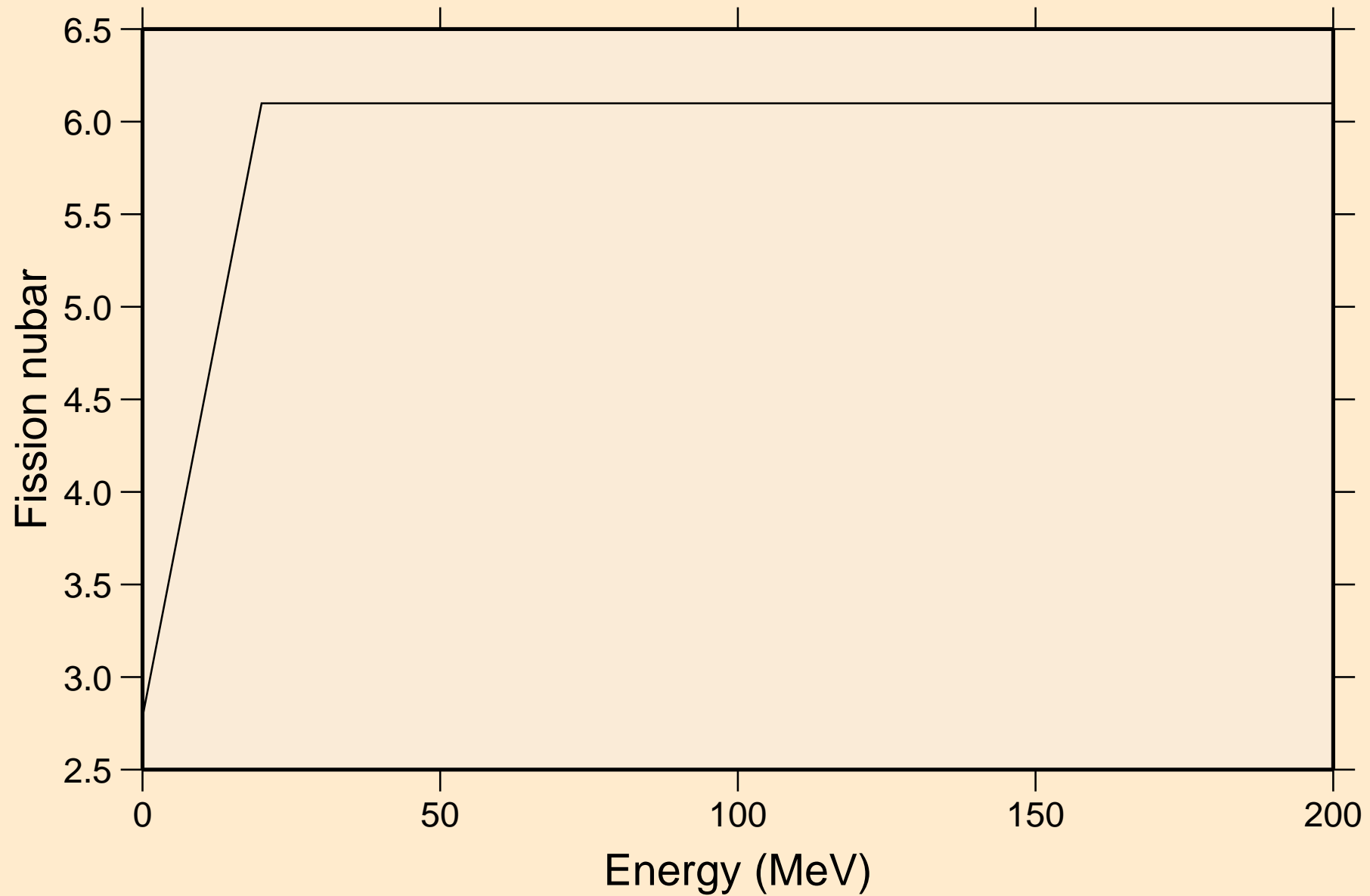


PO219 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

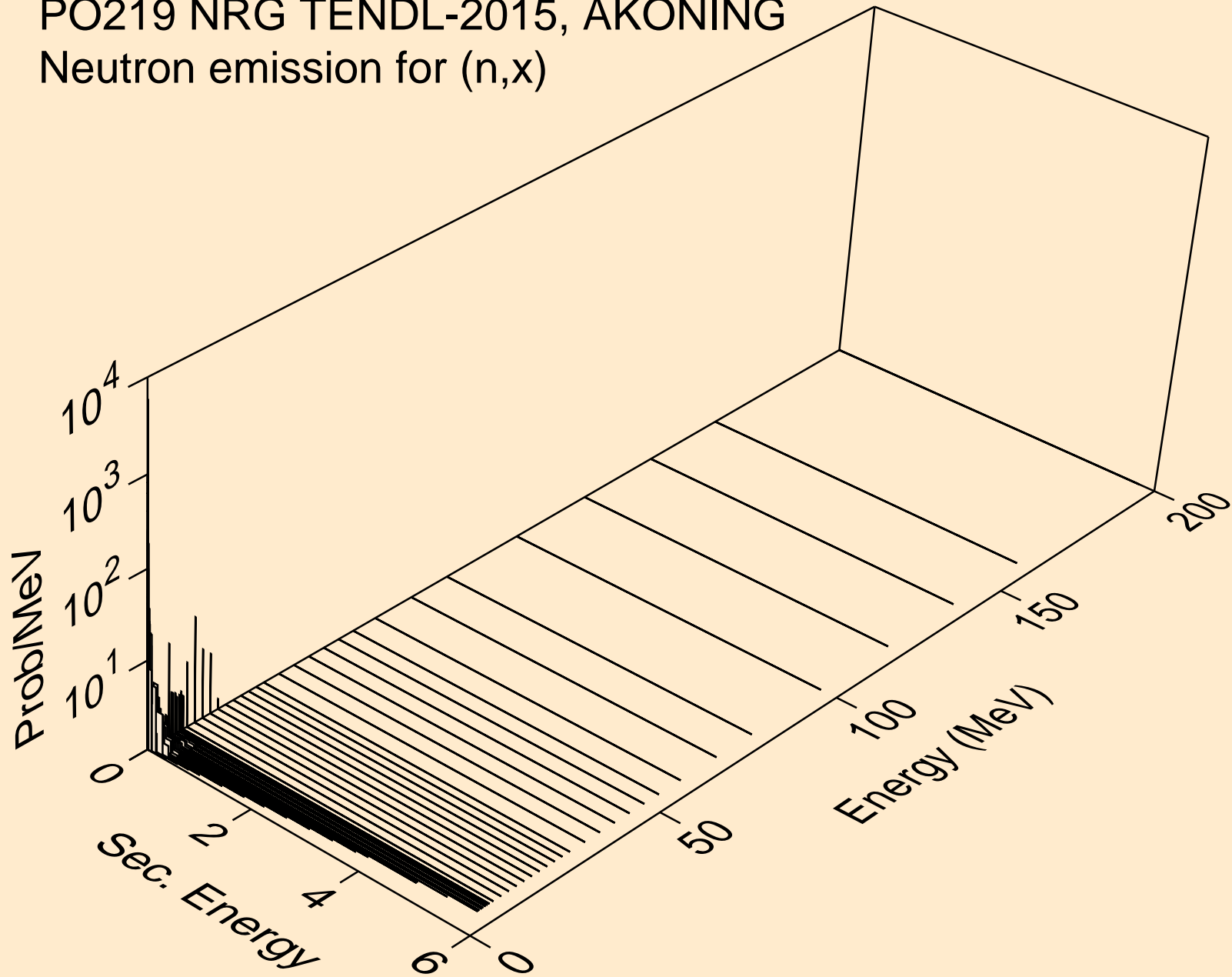


# PO219 NRG TENDL-2015, AKONING

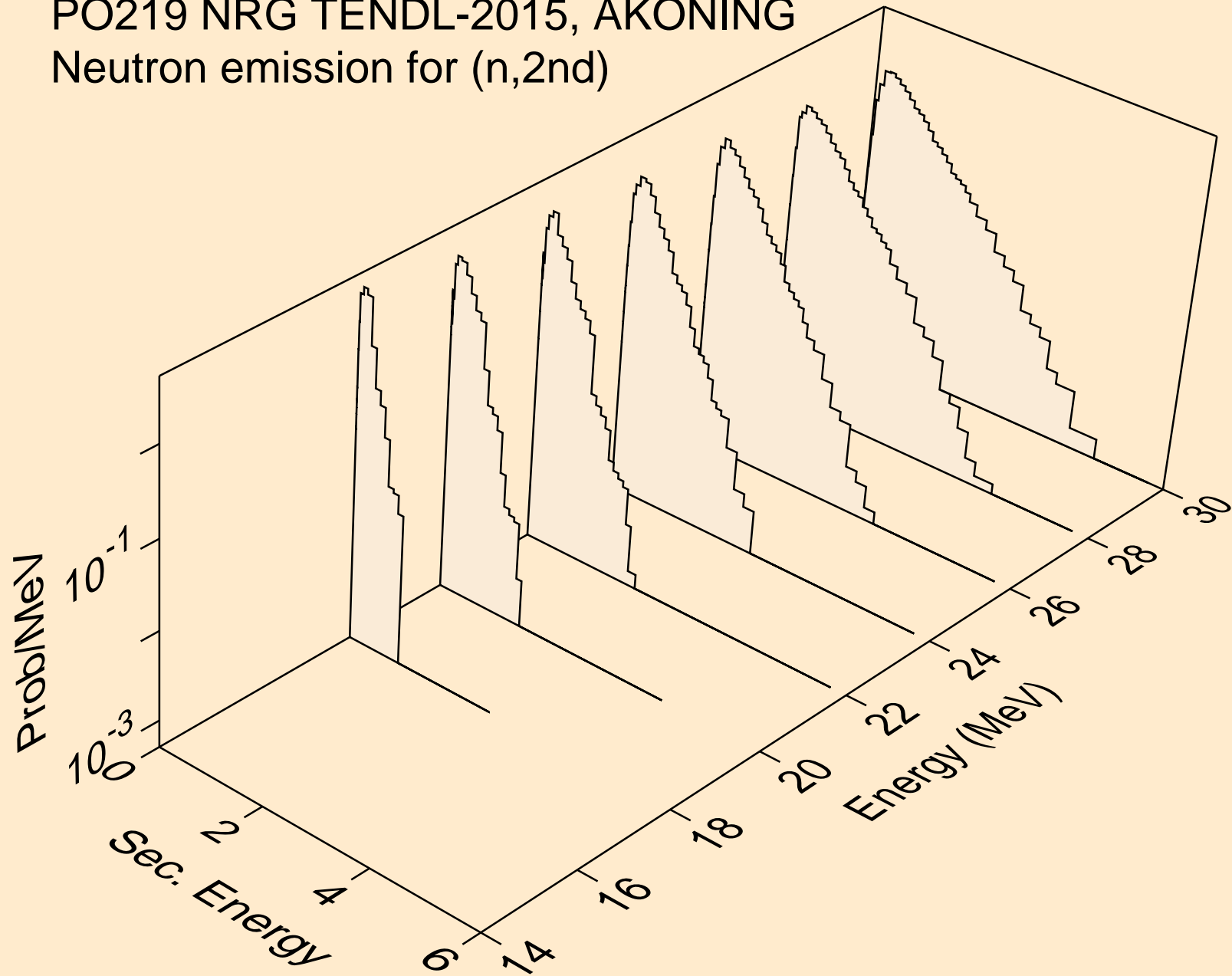
Total fission nubar



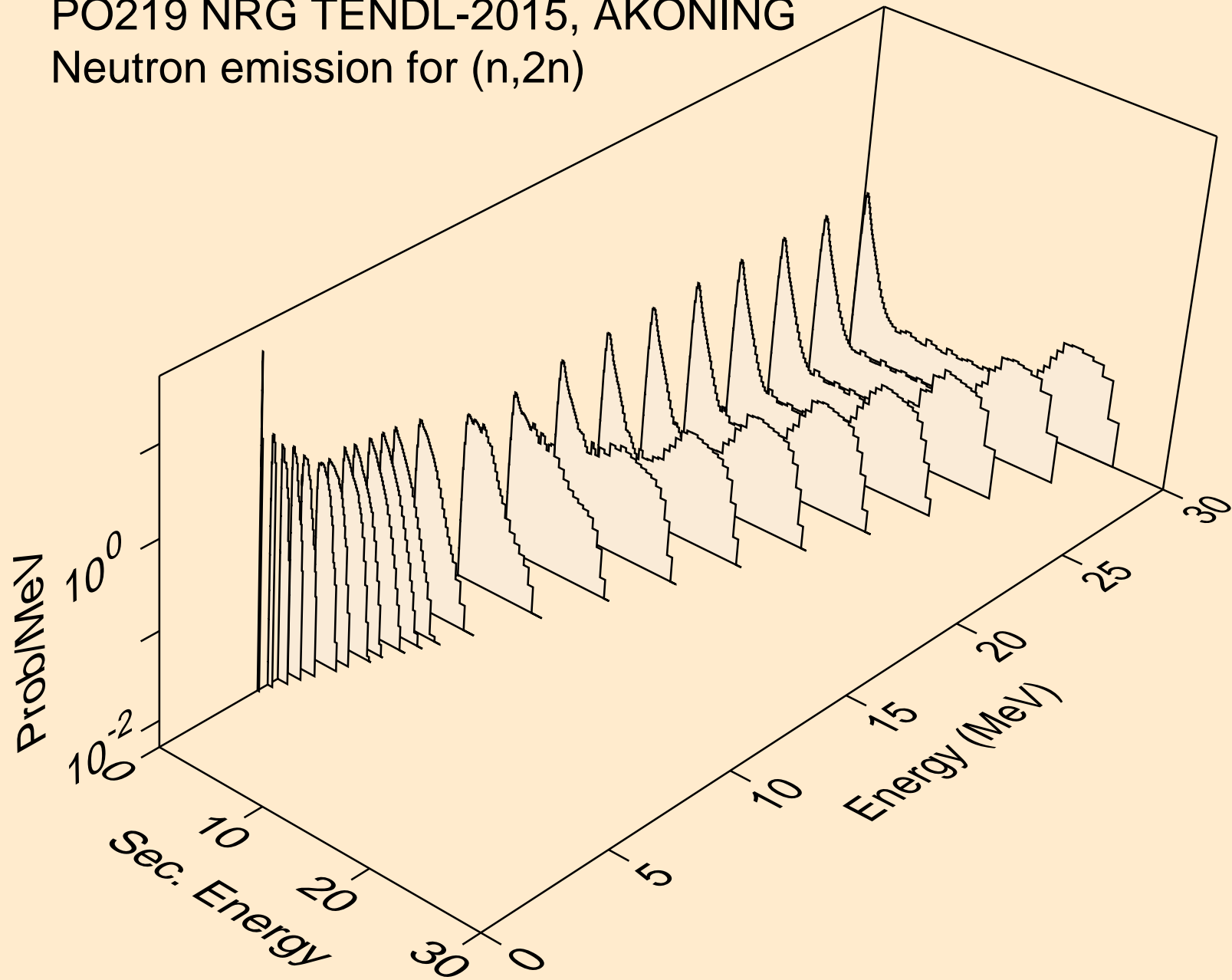
PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

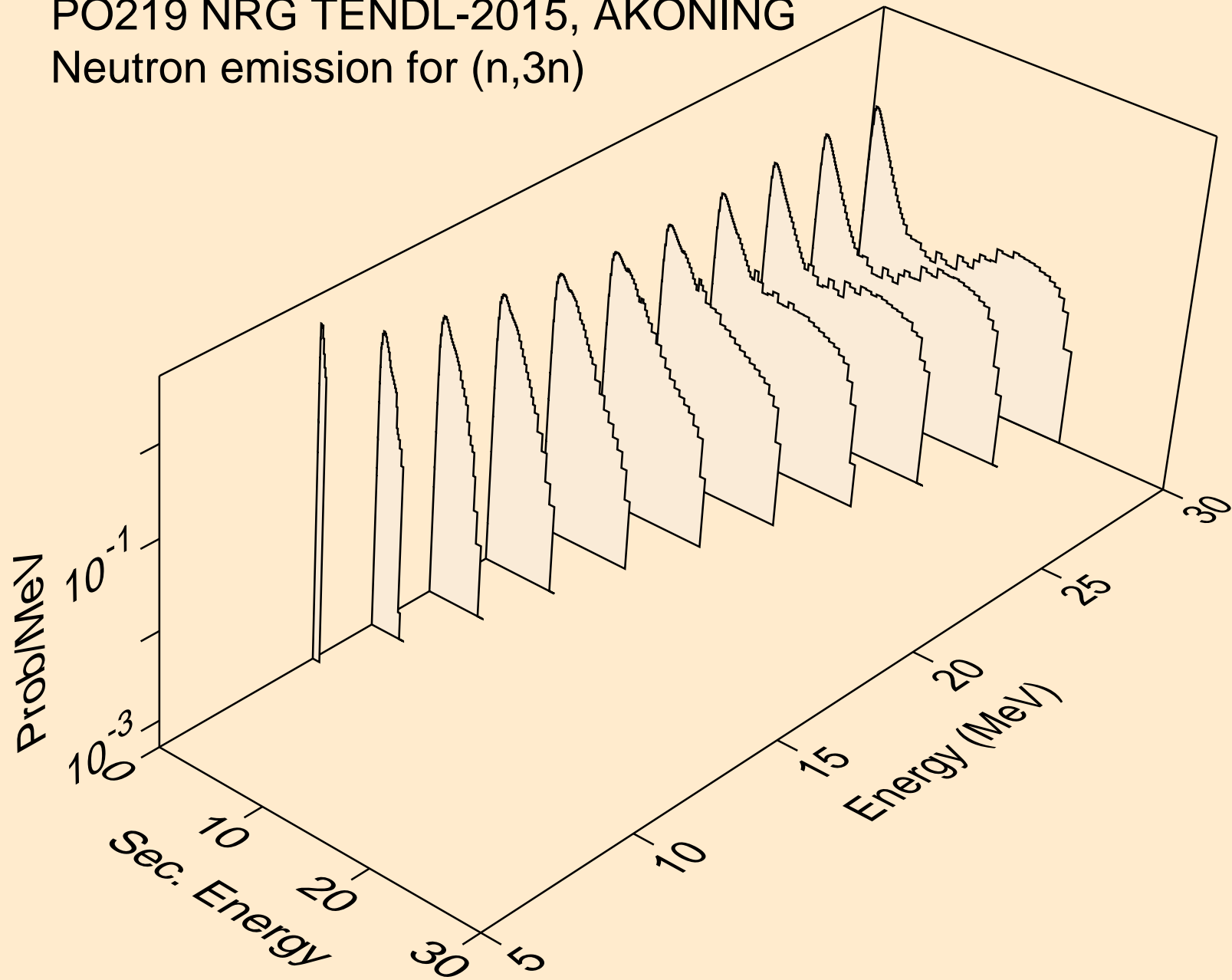


PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

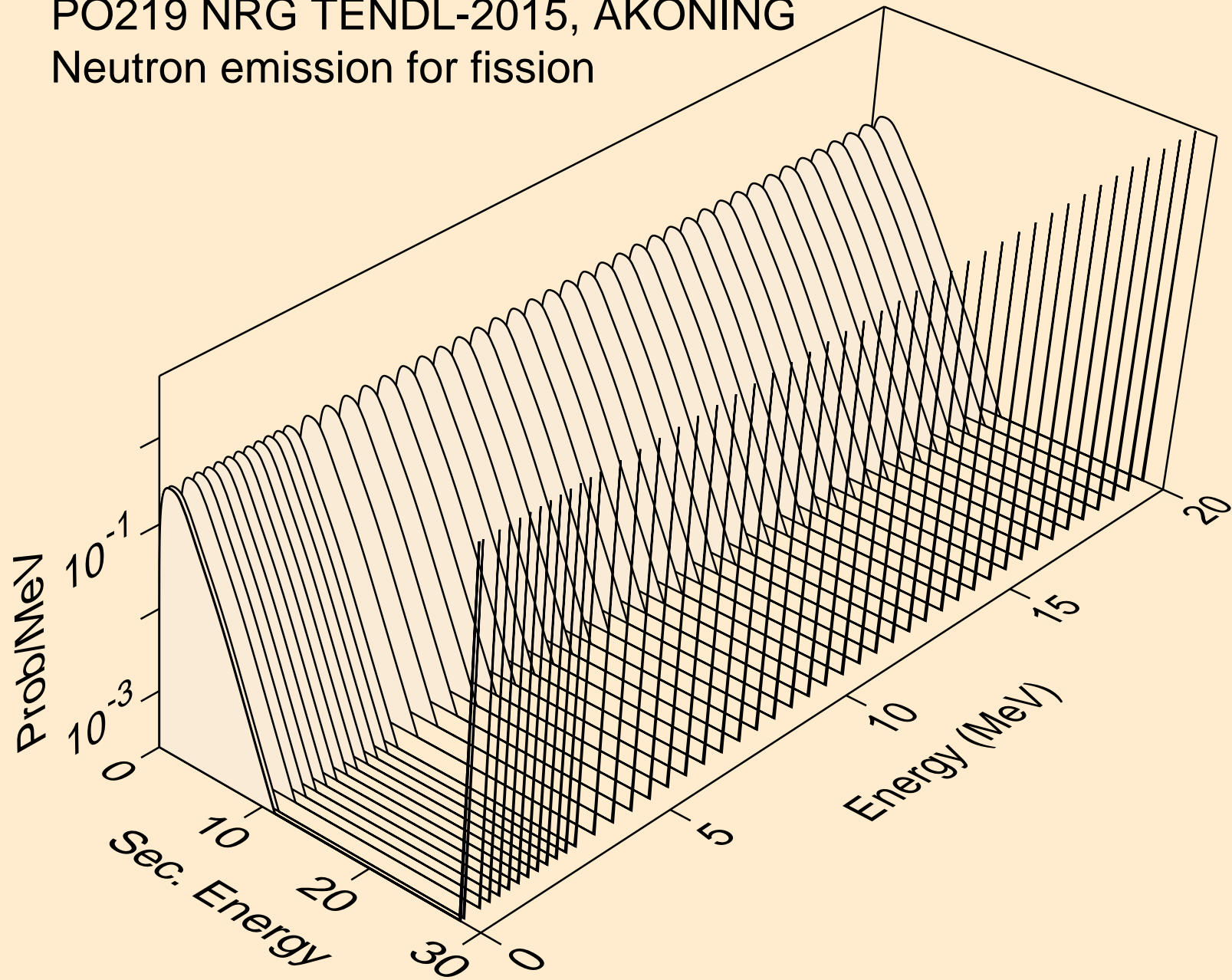




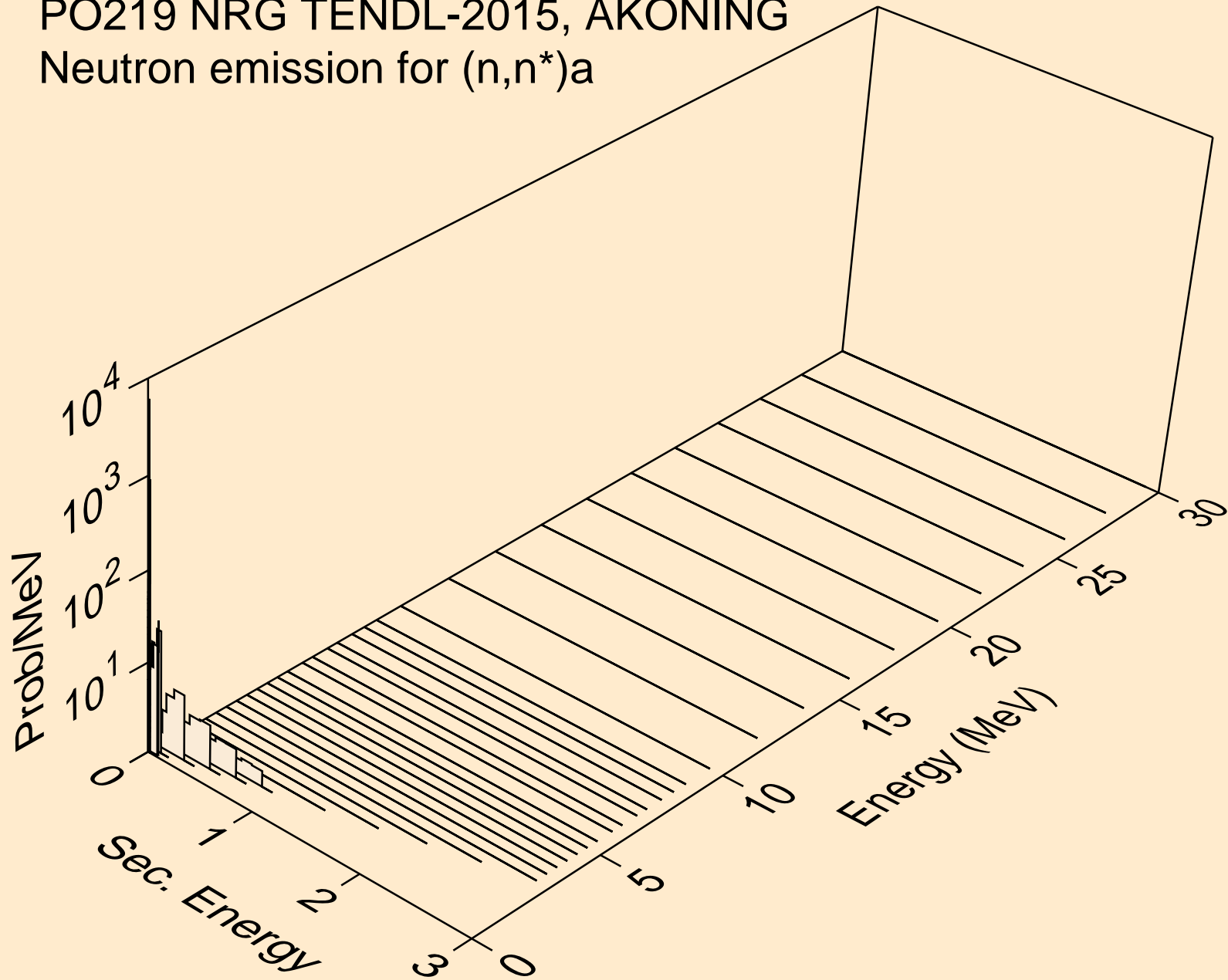
PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



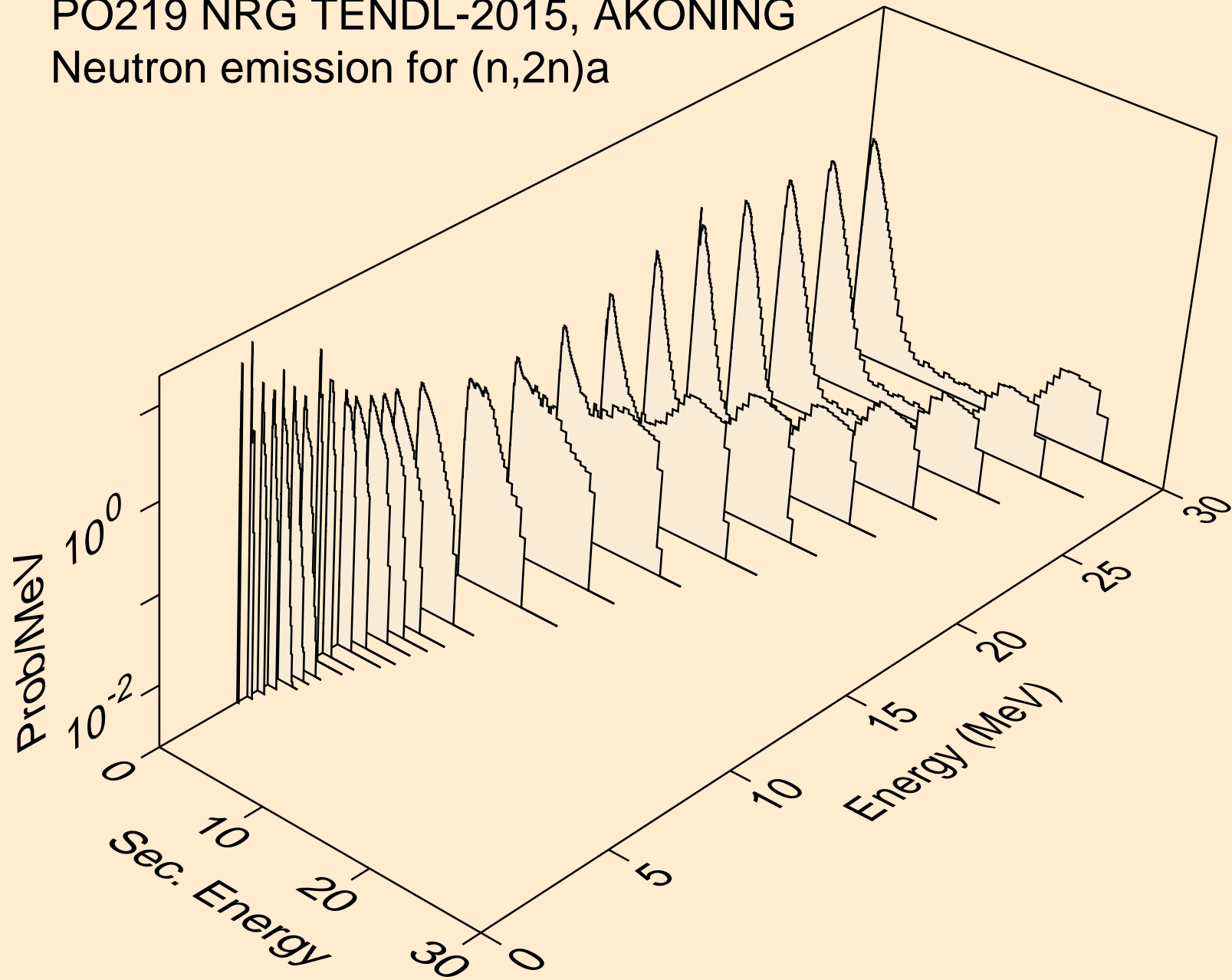
PO219 NRG TENDL-2015, AKONING  
Neutron emission for fission



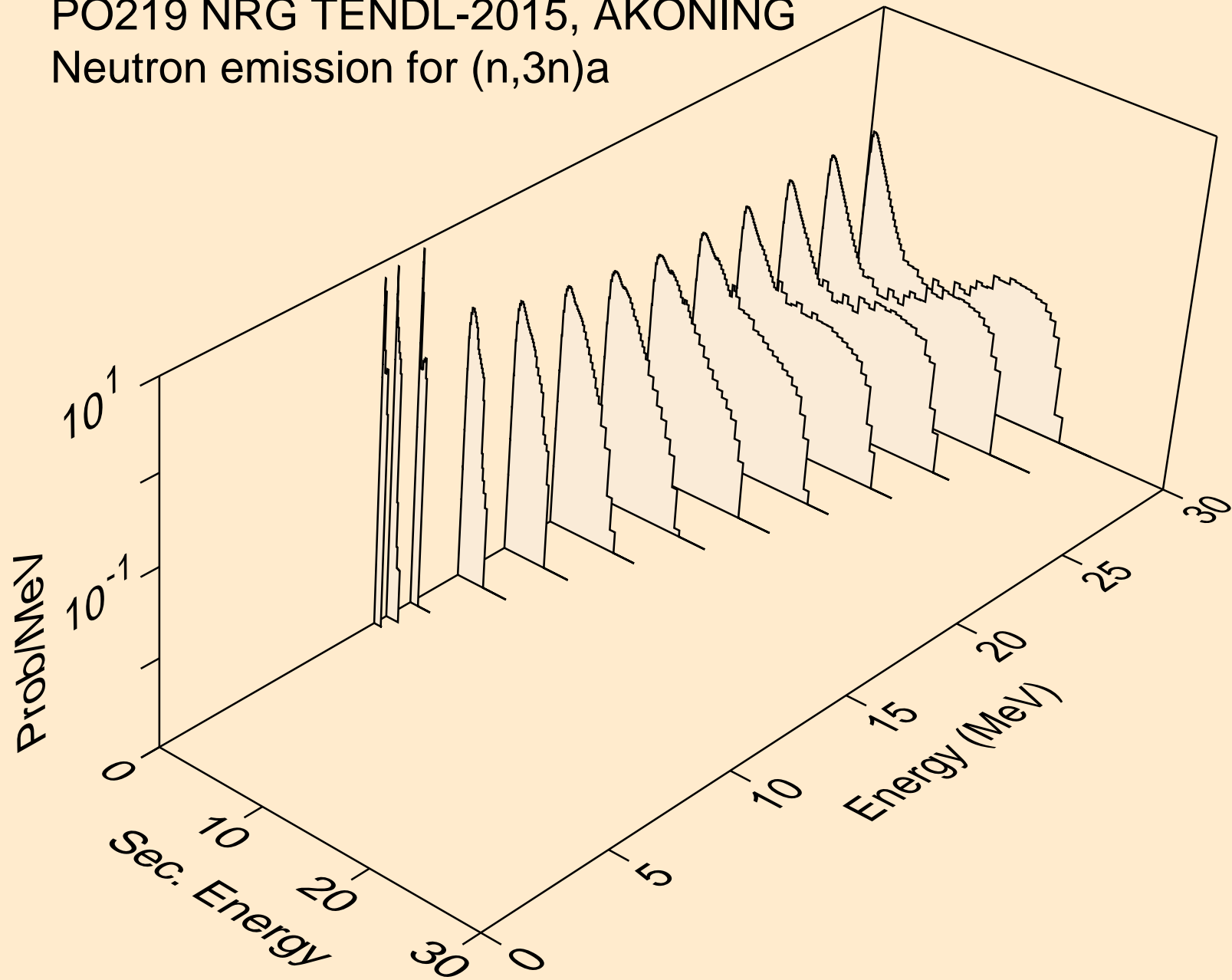
PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



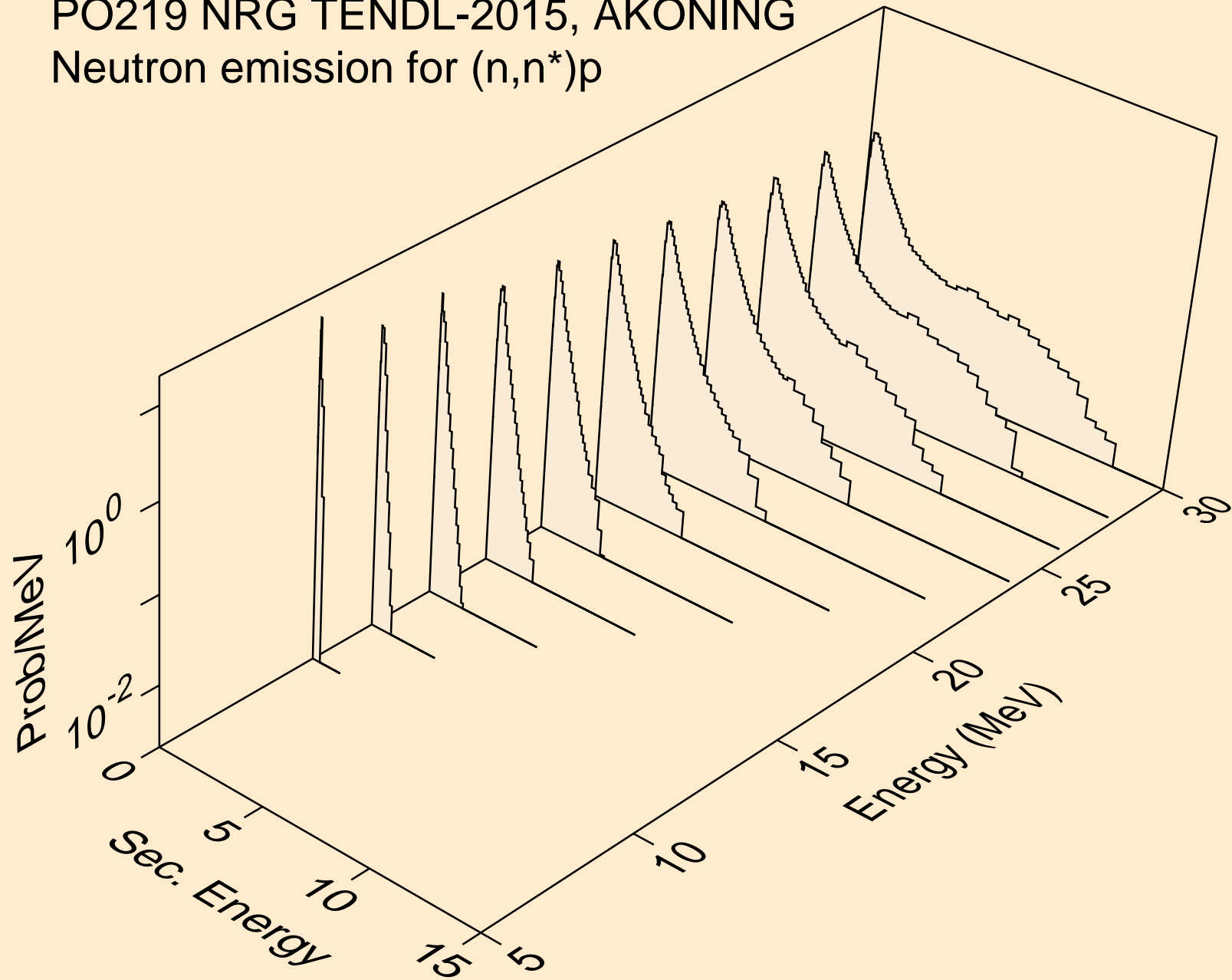
PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



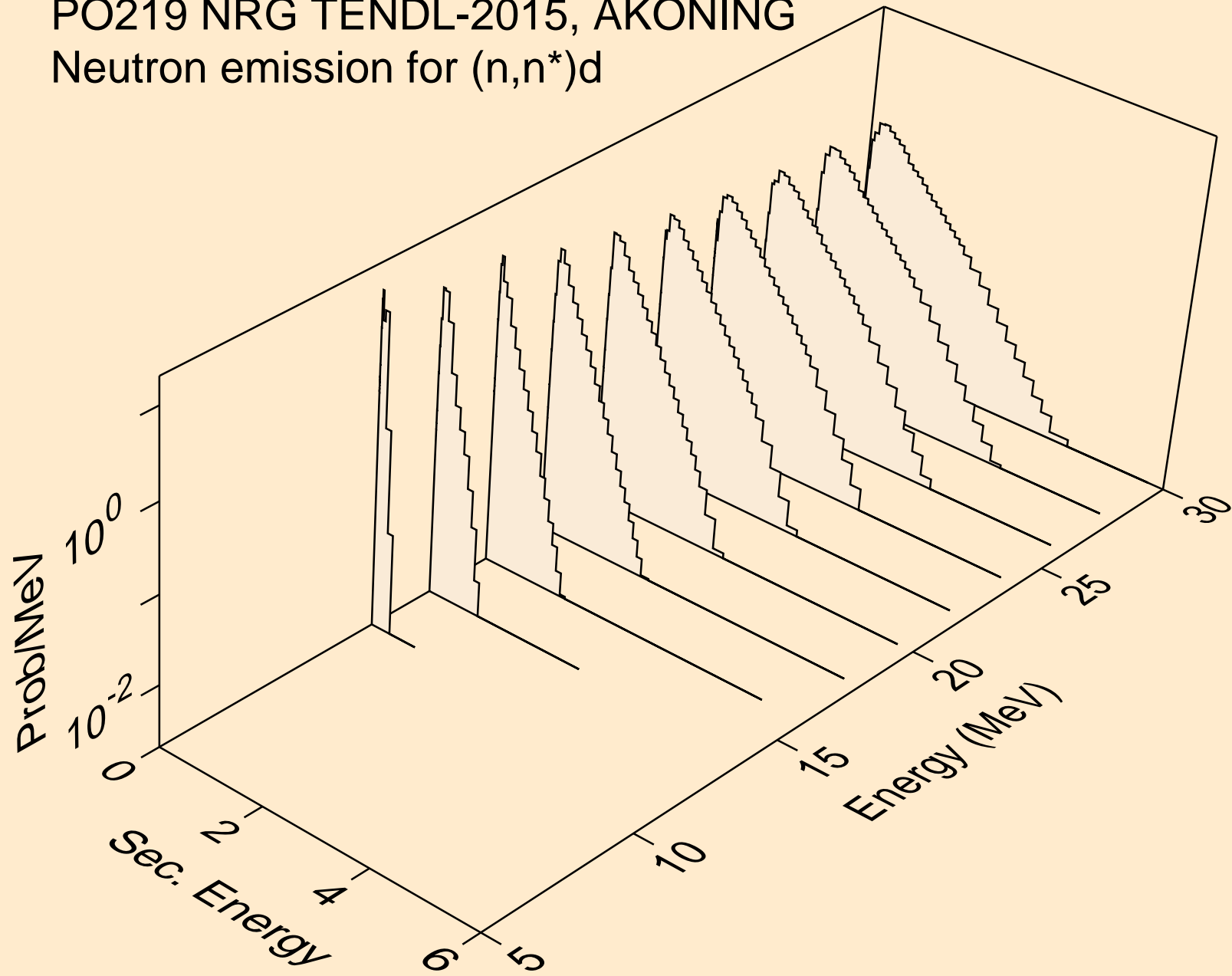
PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



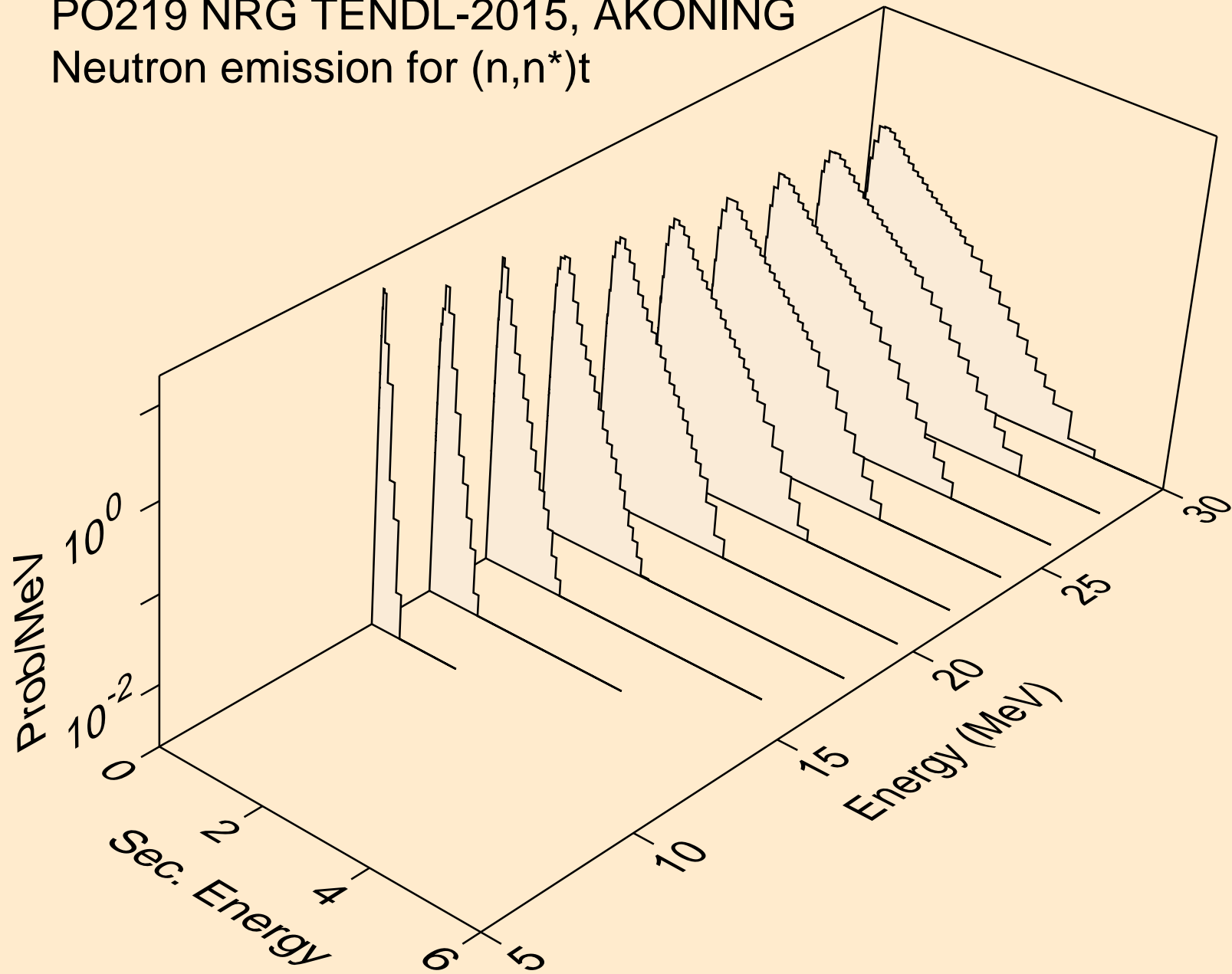
PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

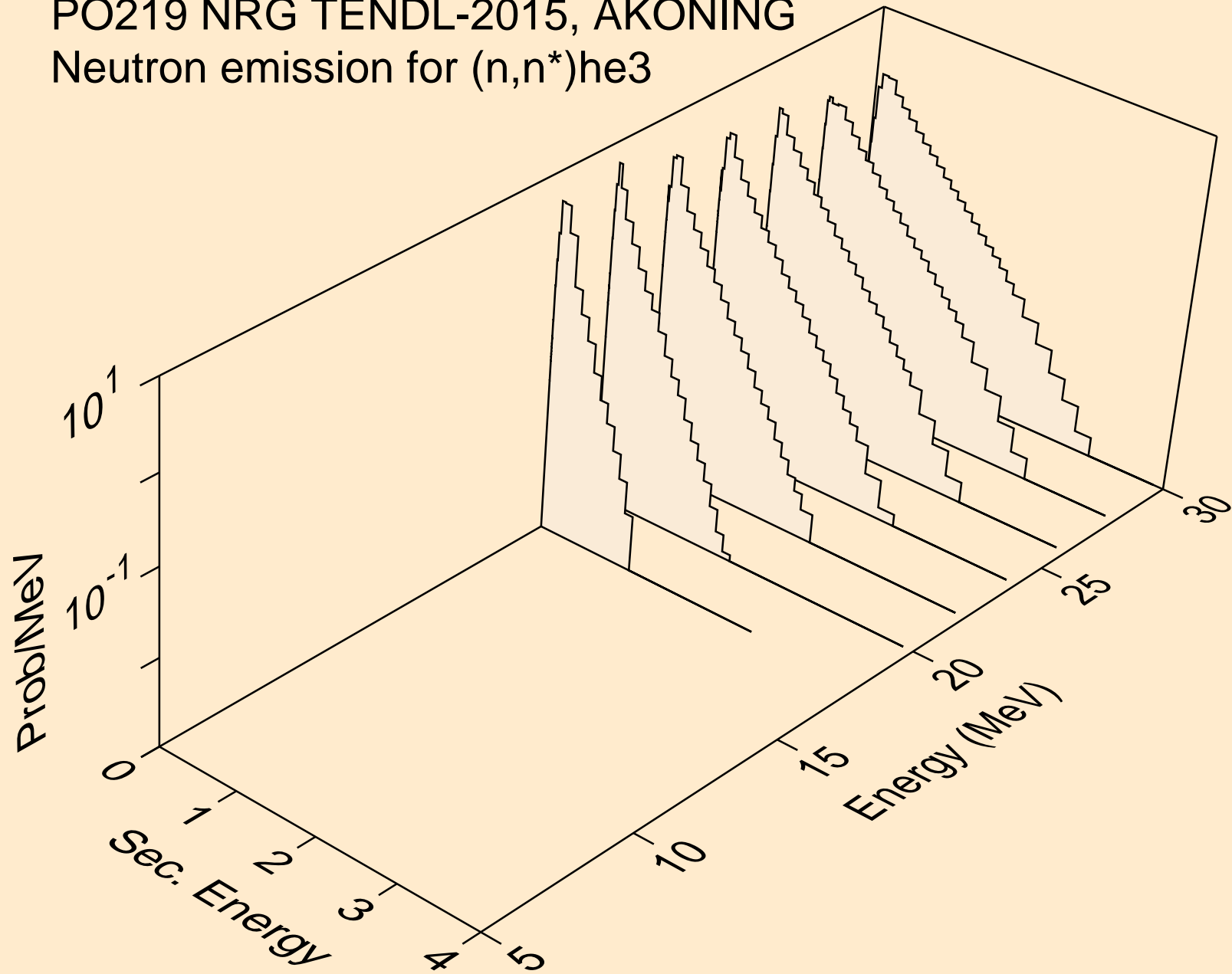


PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

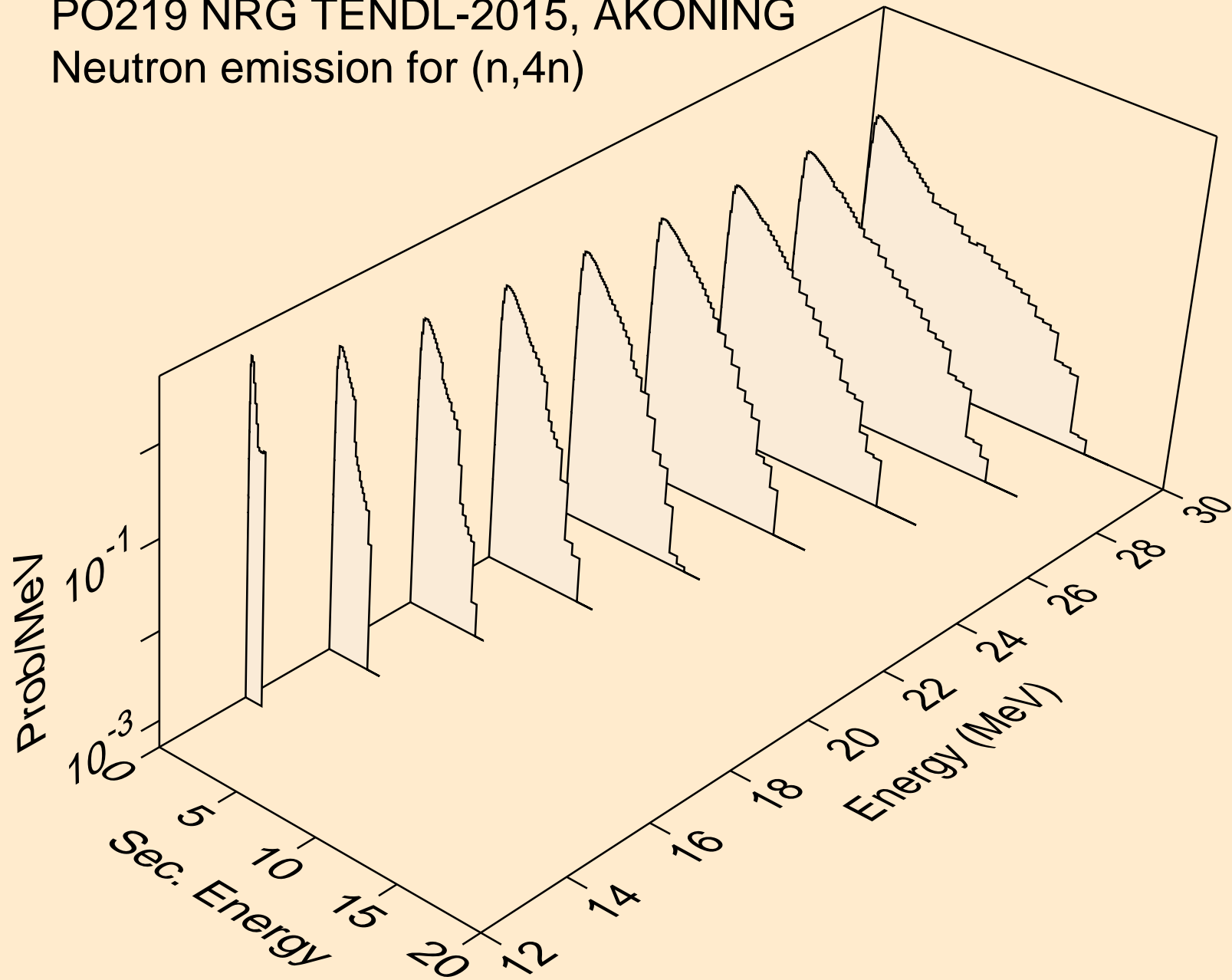




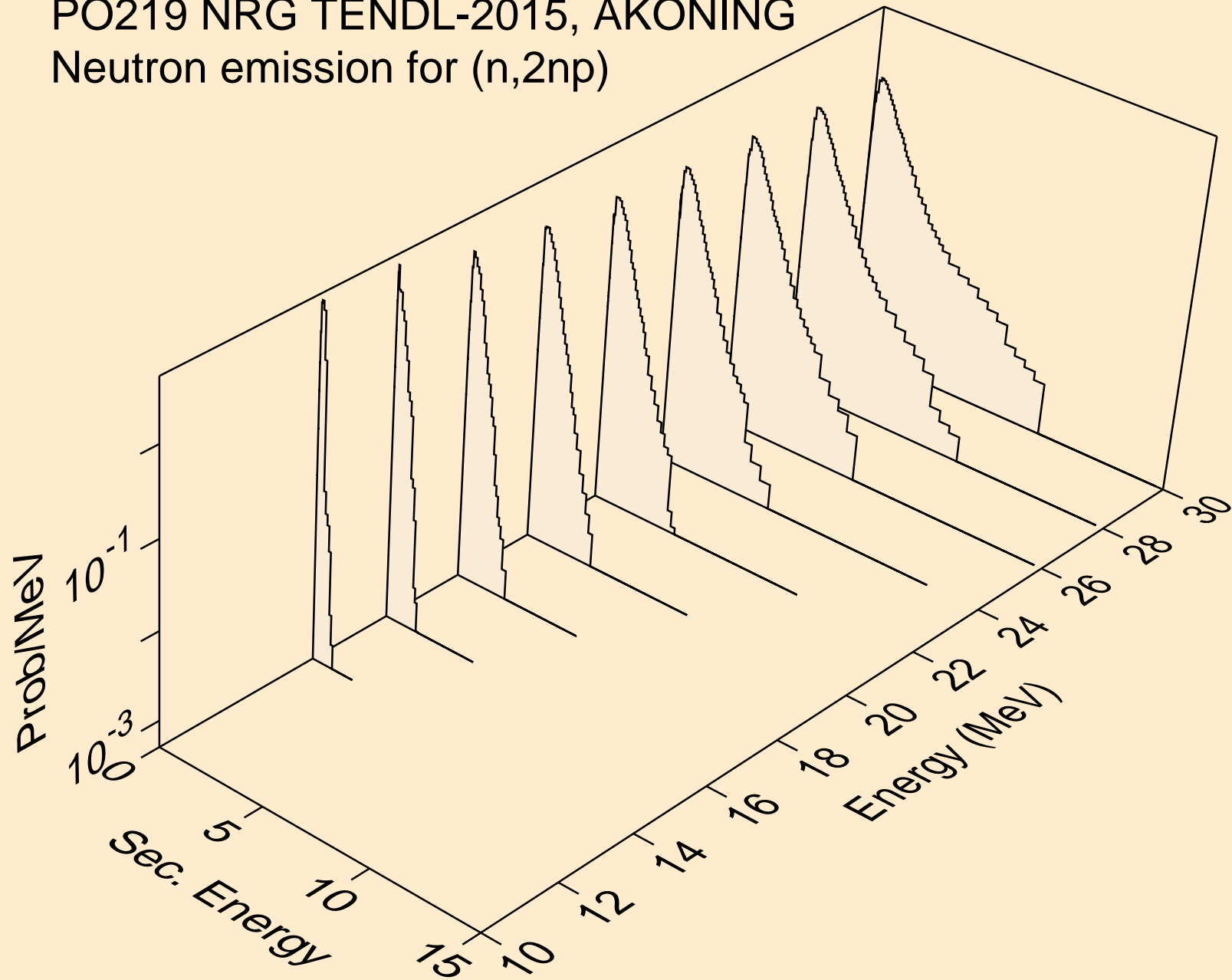
PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



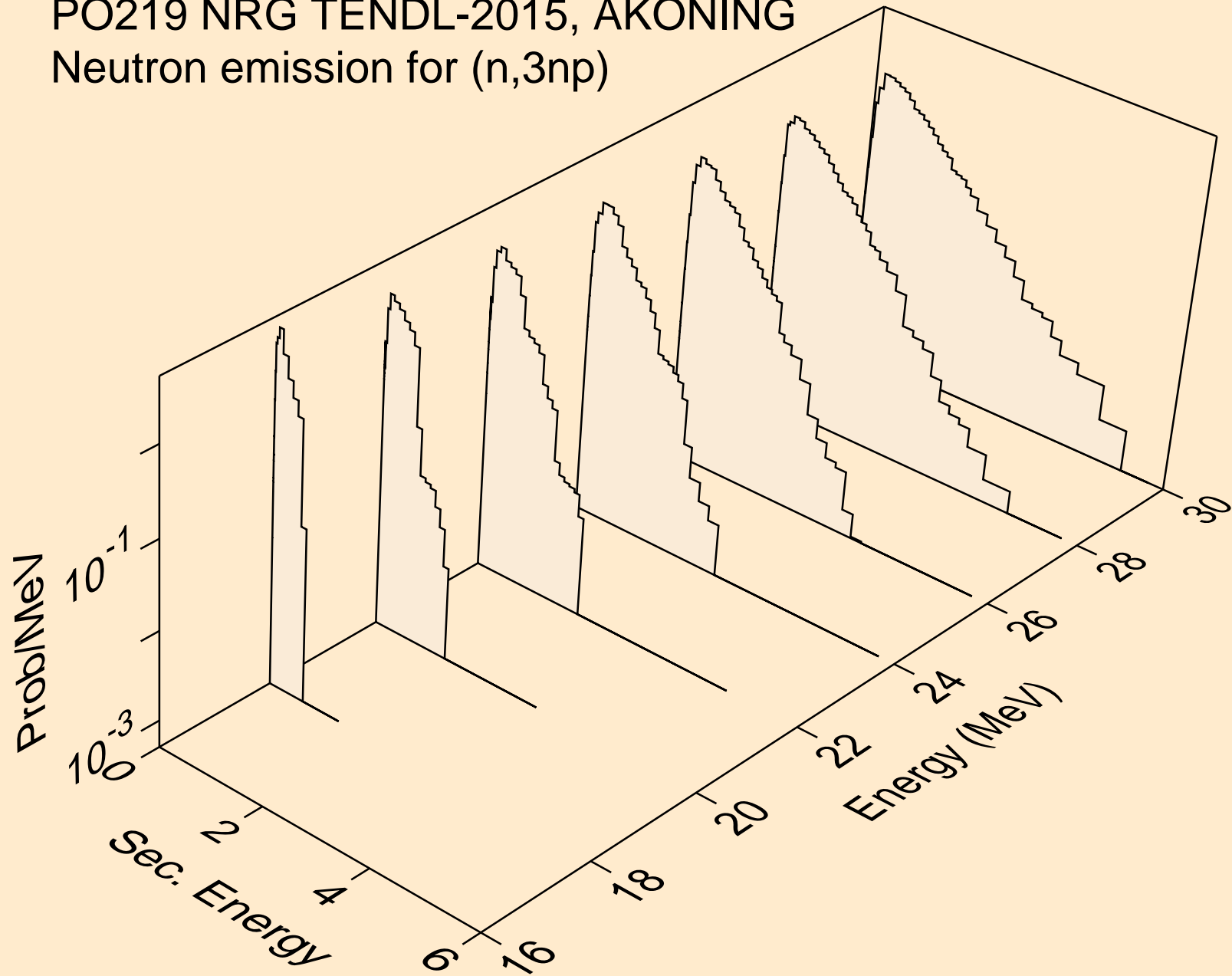
PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



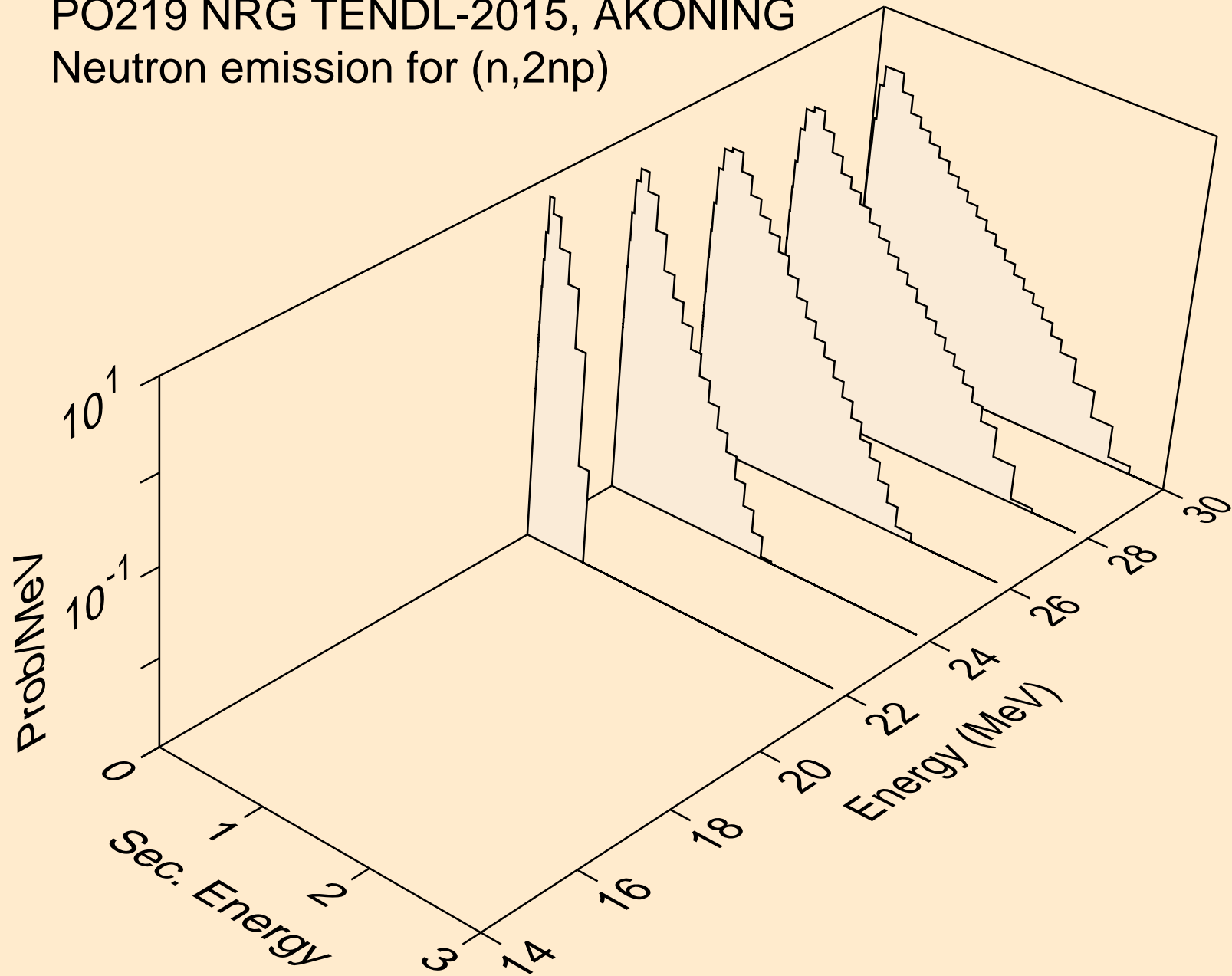
PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



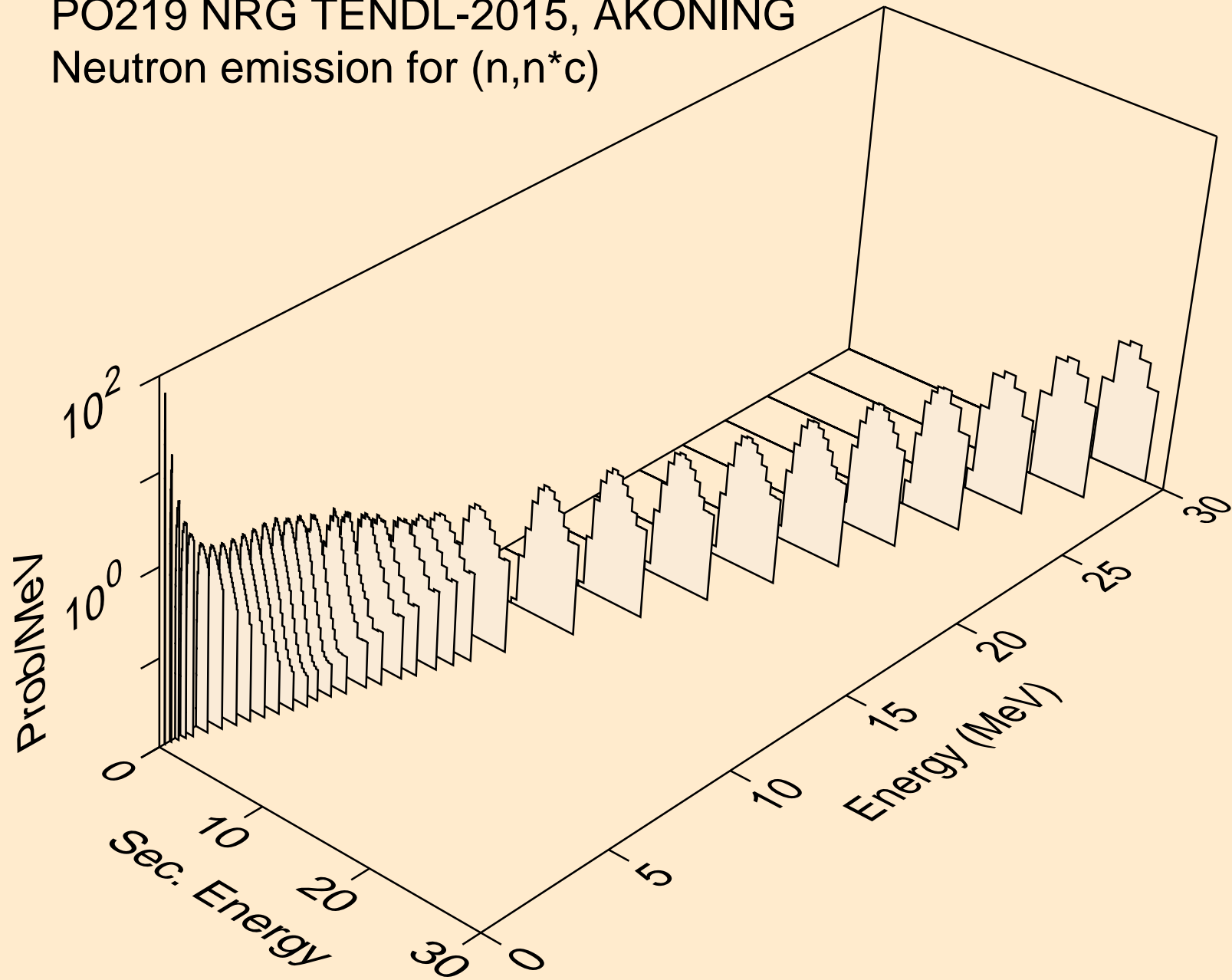
PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

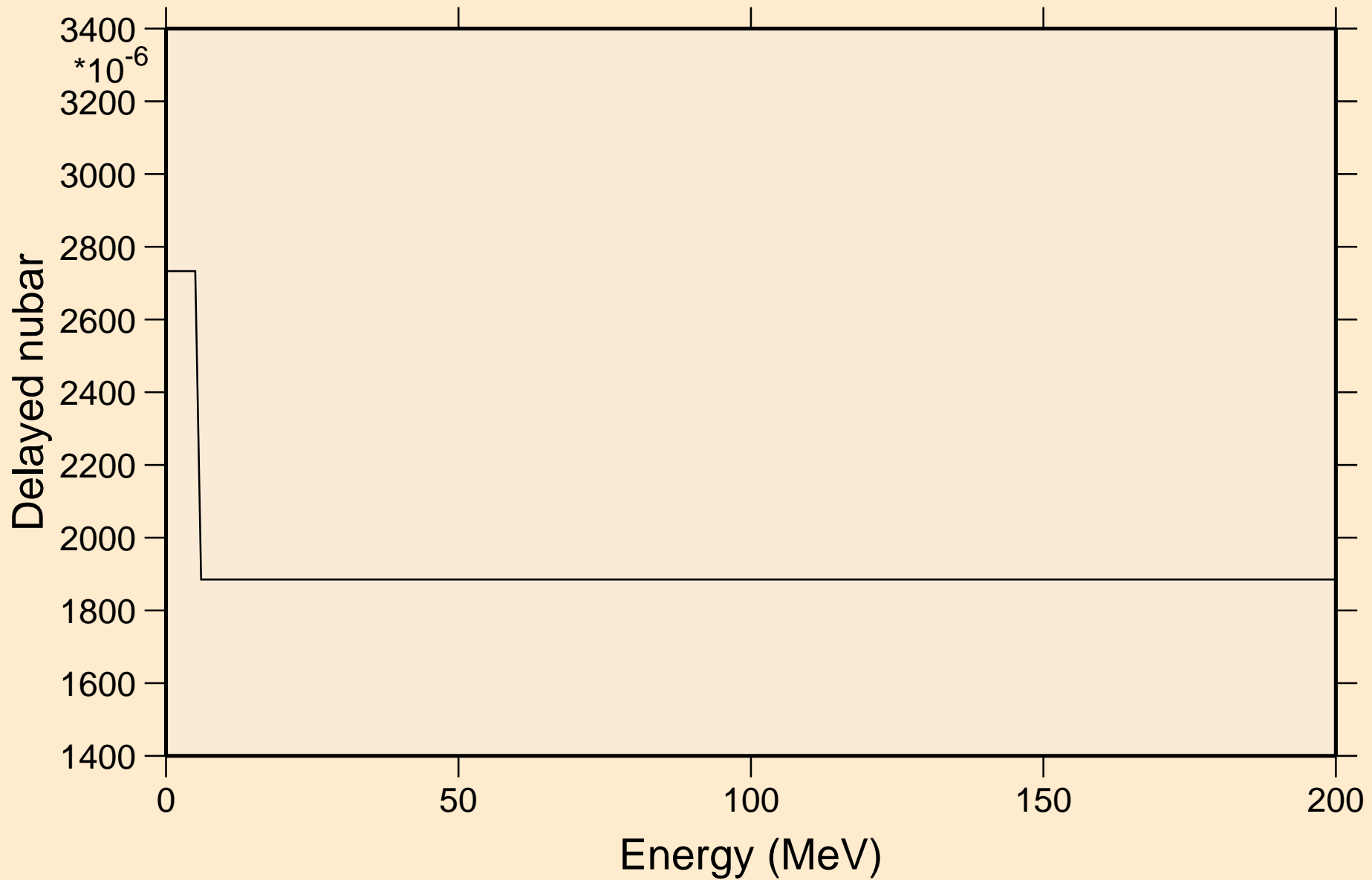


PO219 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



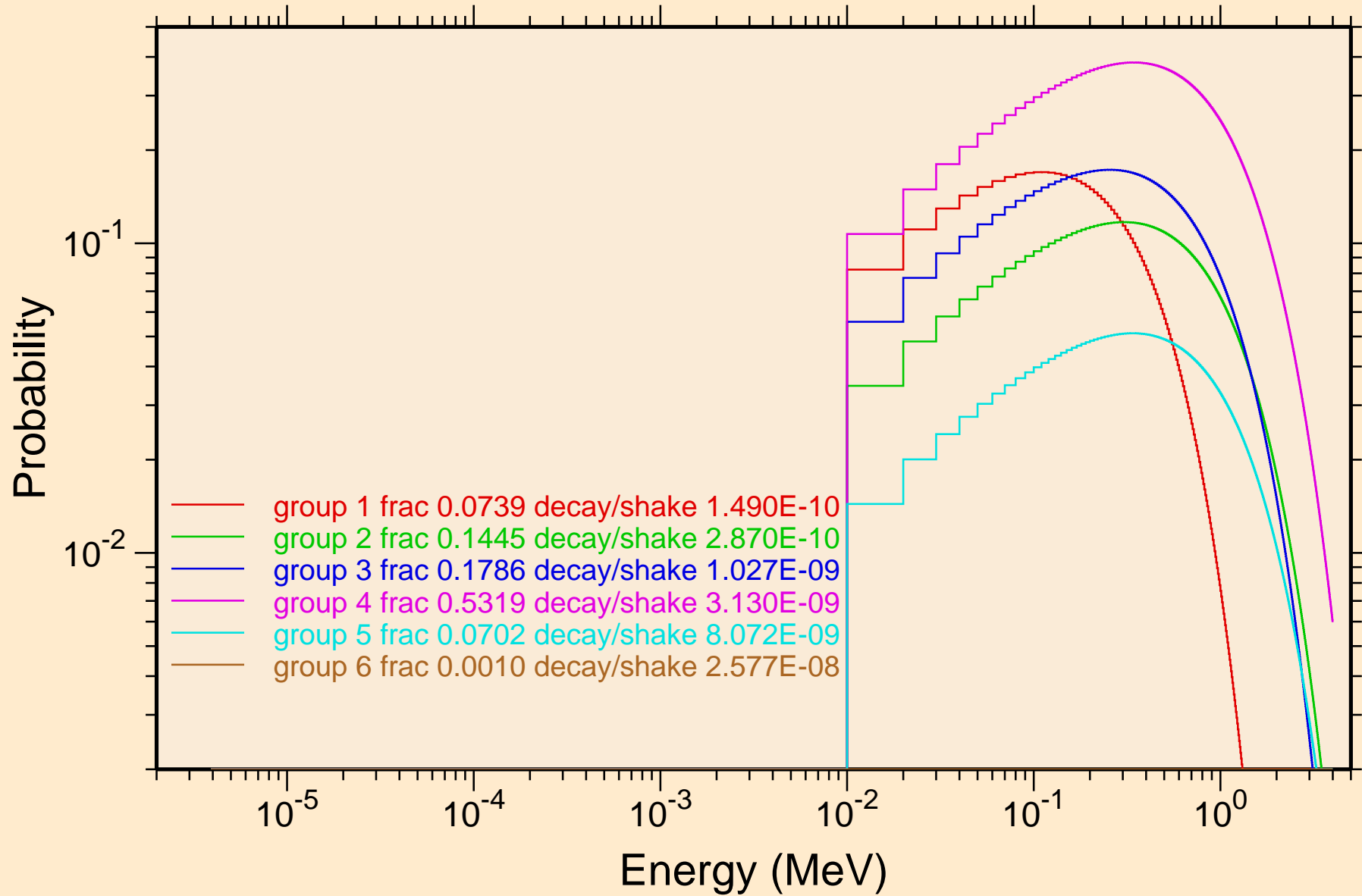
# PO219 NRG TENDL-2015, AKONING

## Delayed nubar



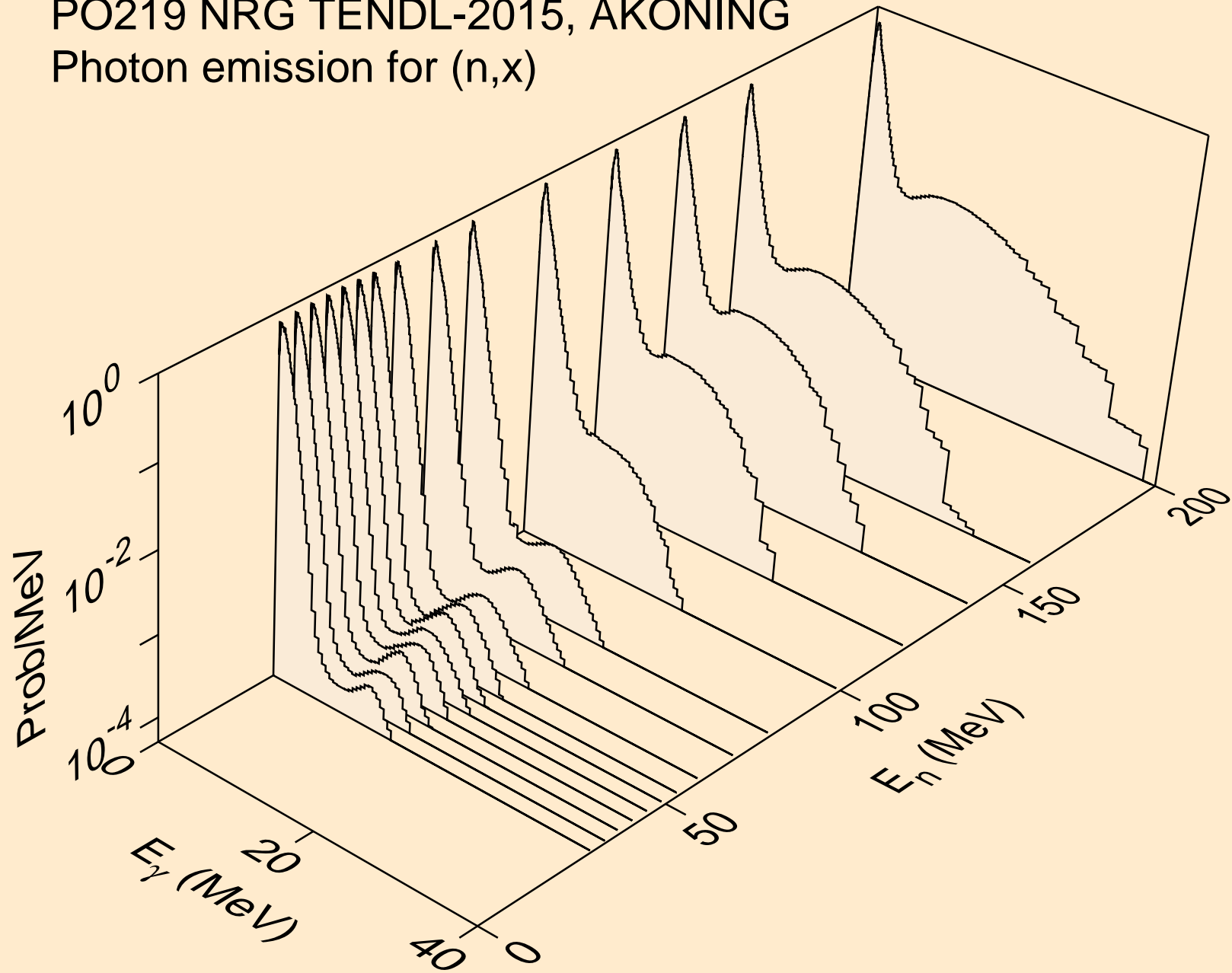
# PO219 NRG TENDL-2015, AKONING

## Delayed neutron spectra

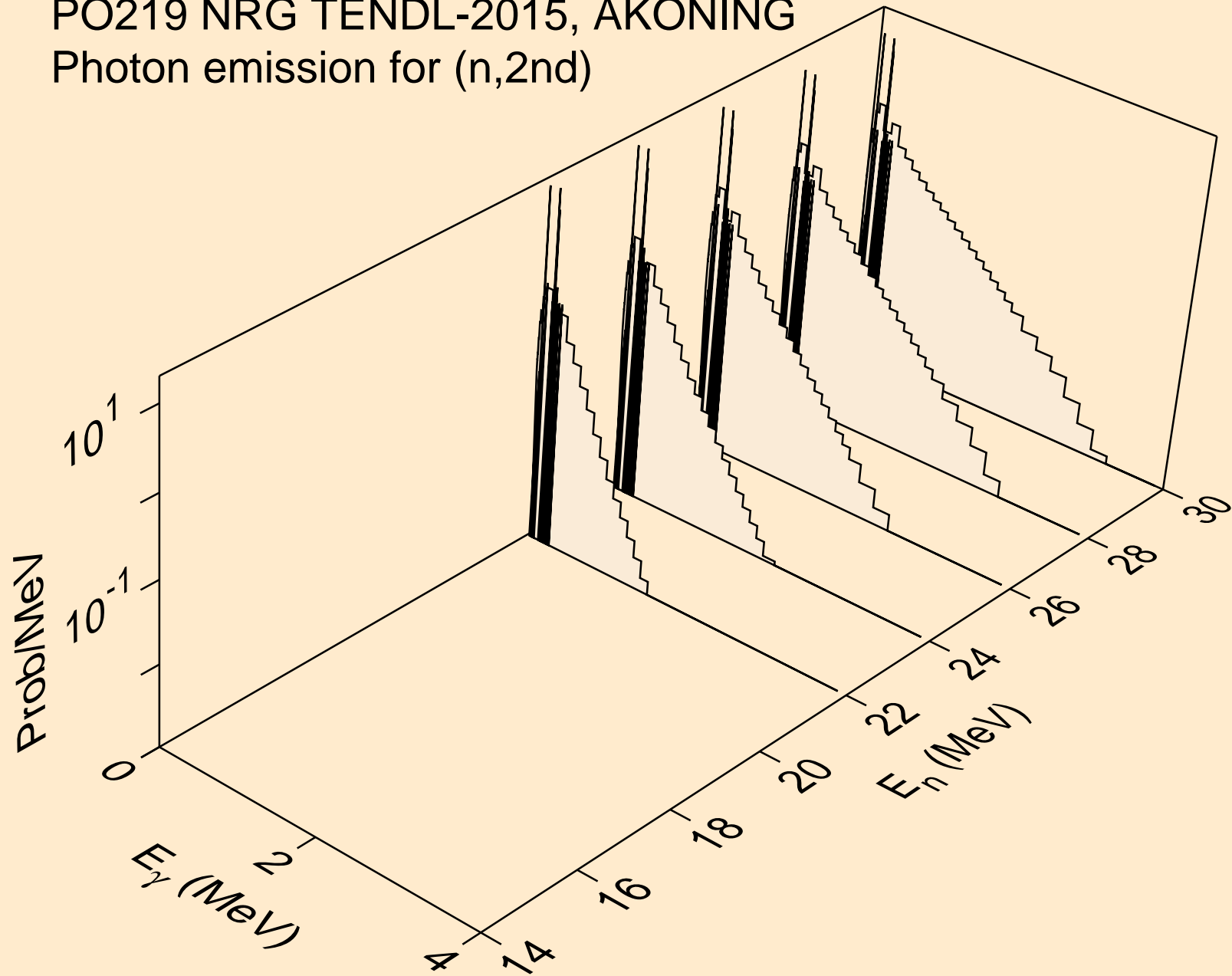




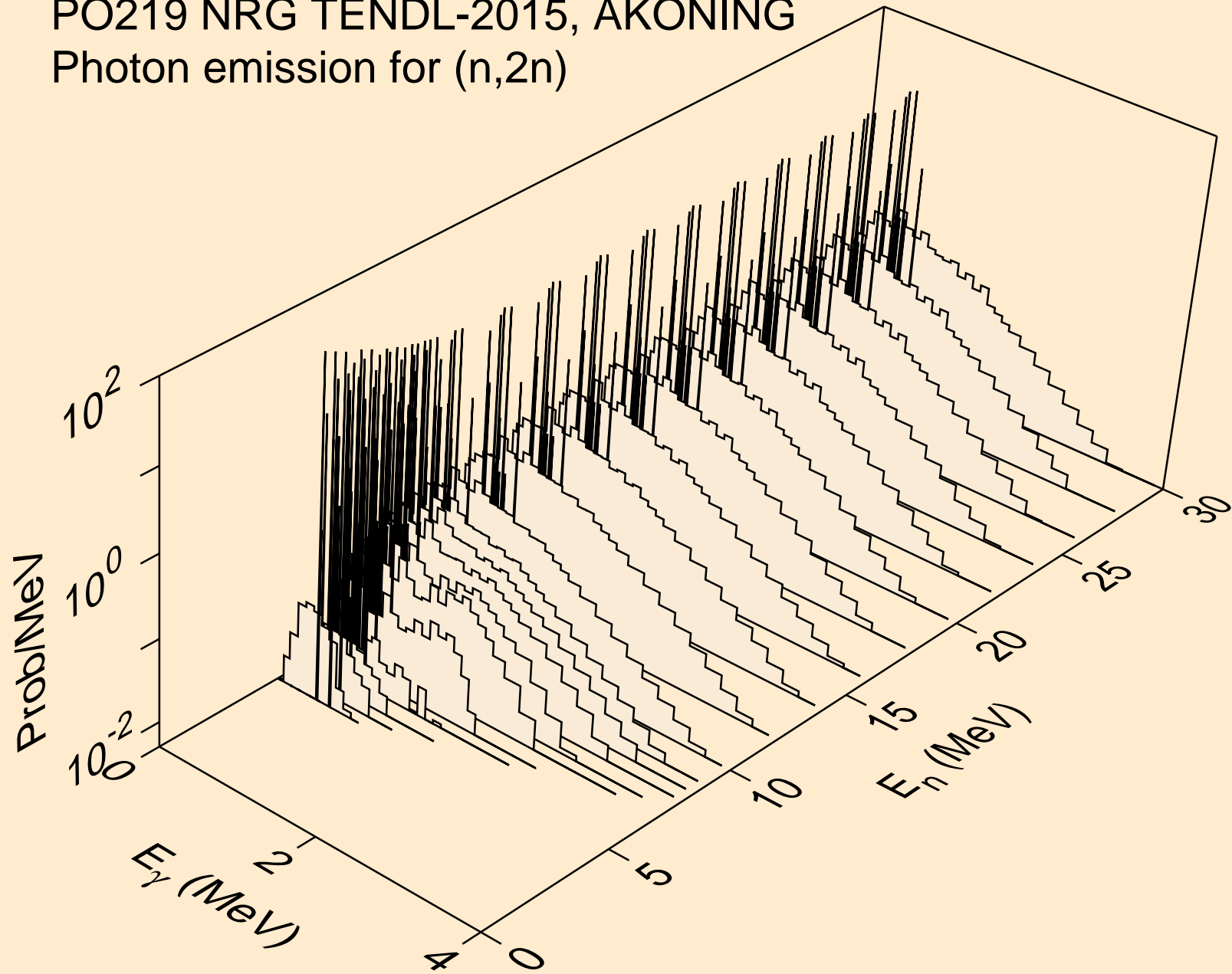
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



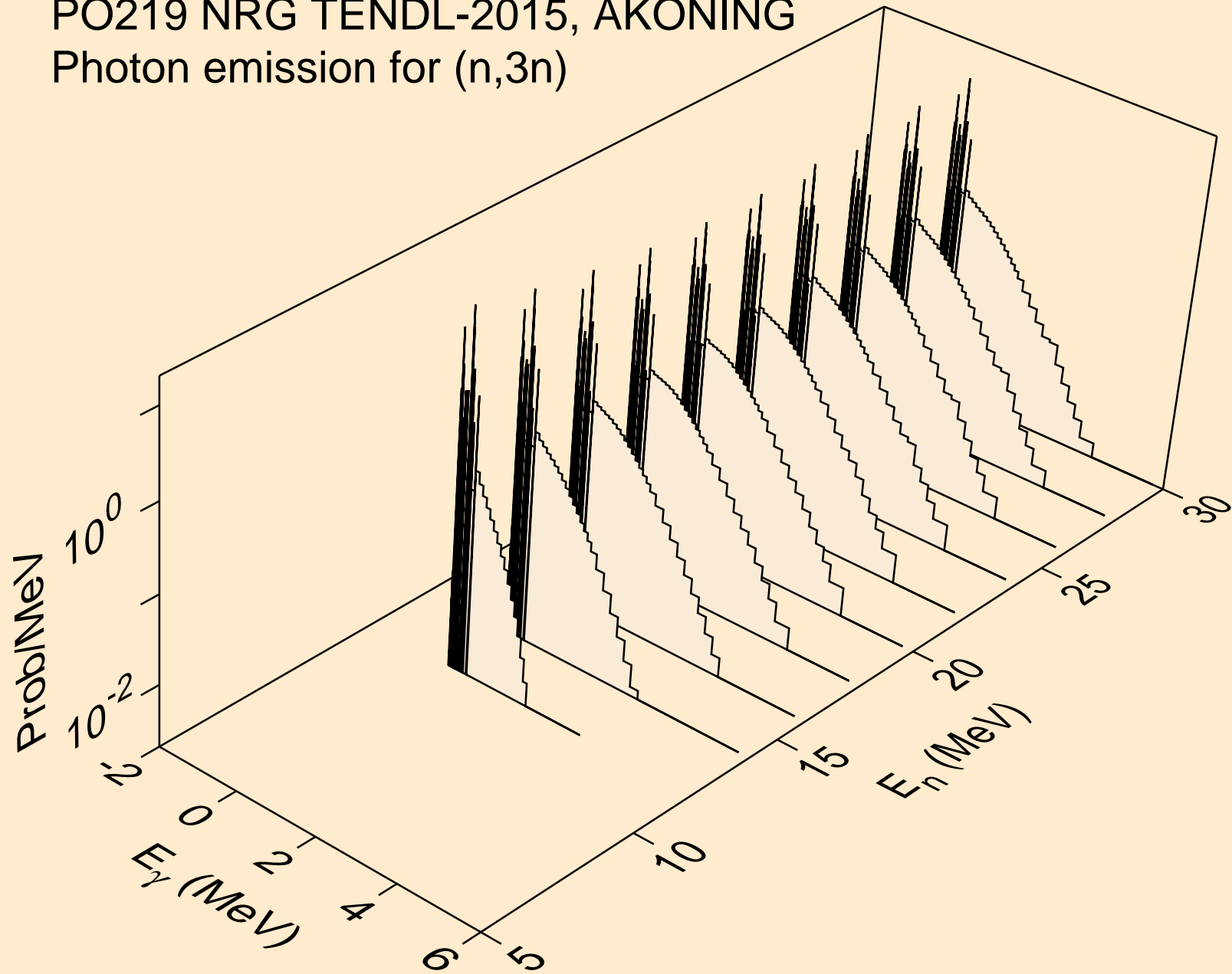
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



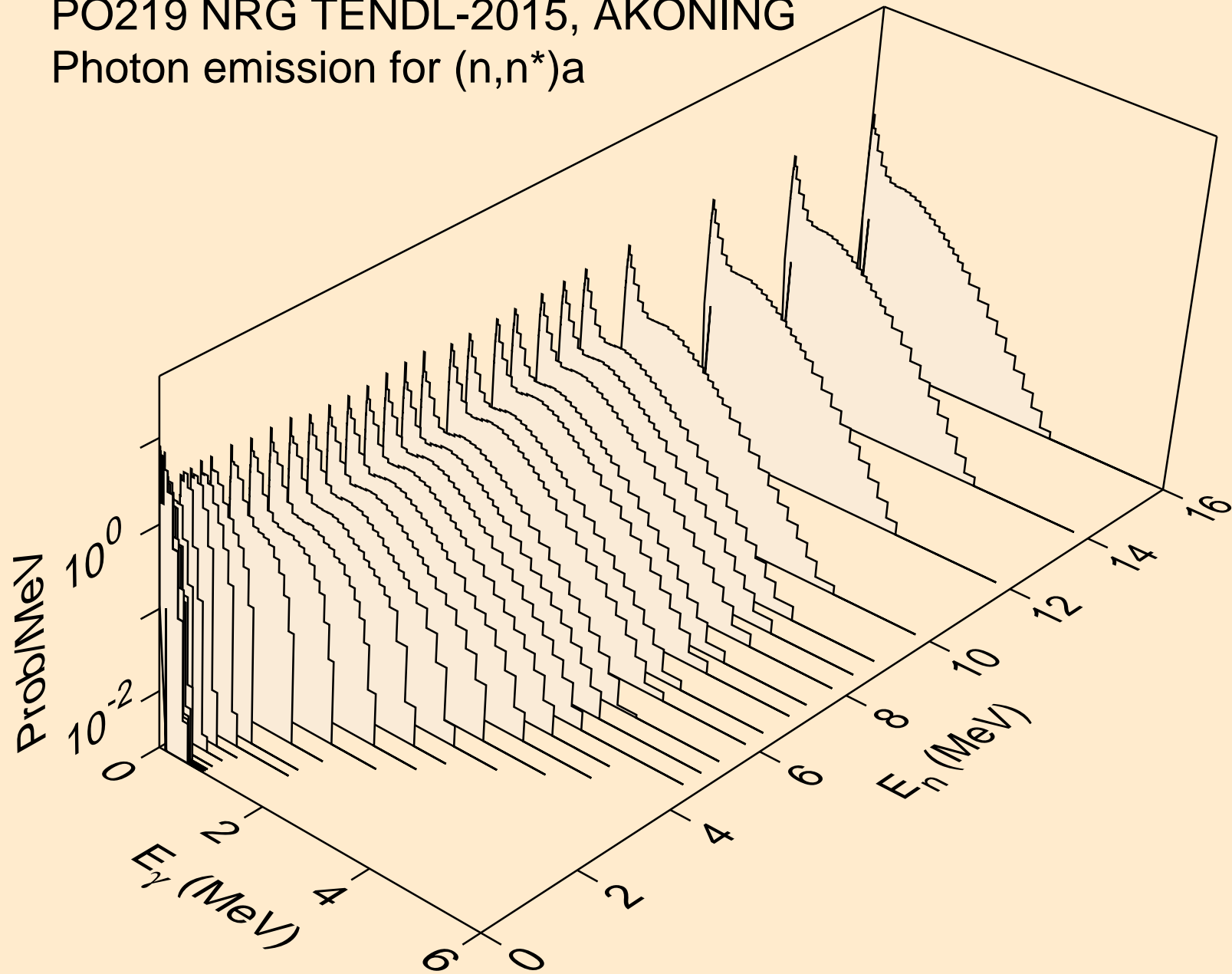
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



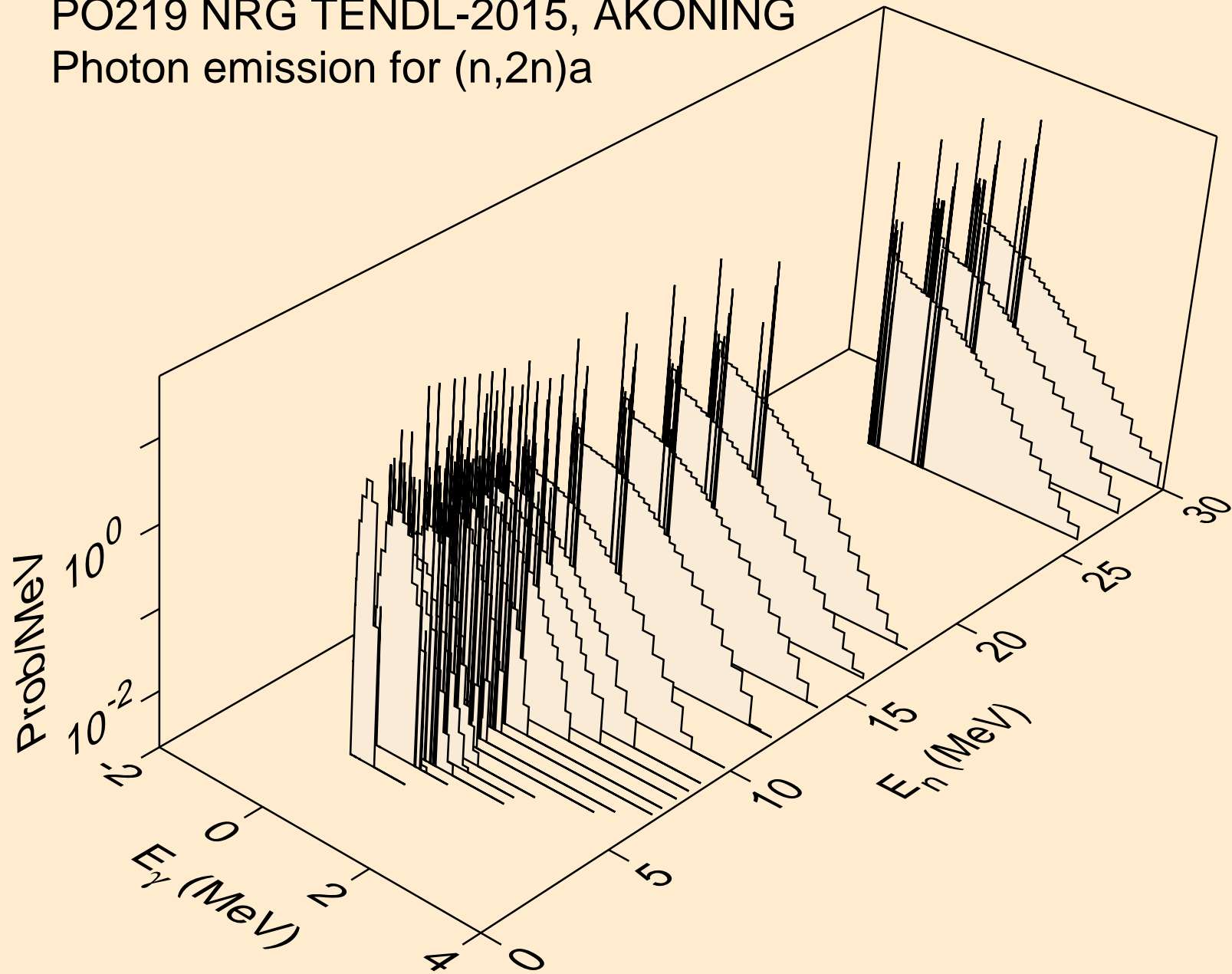
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



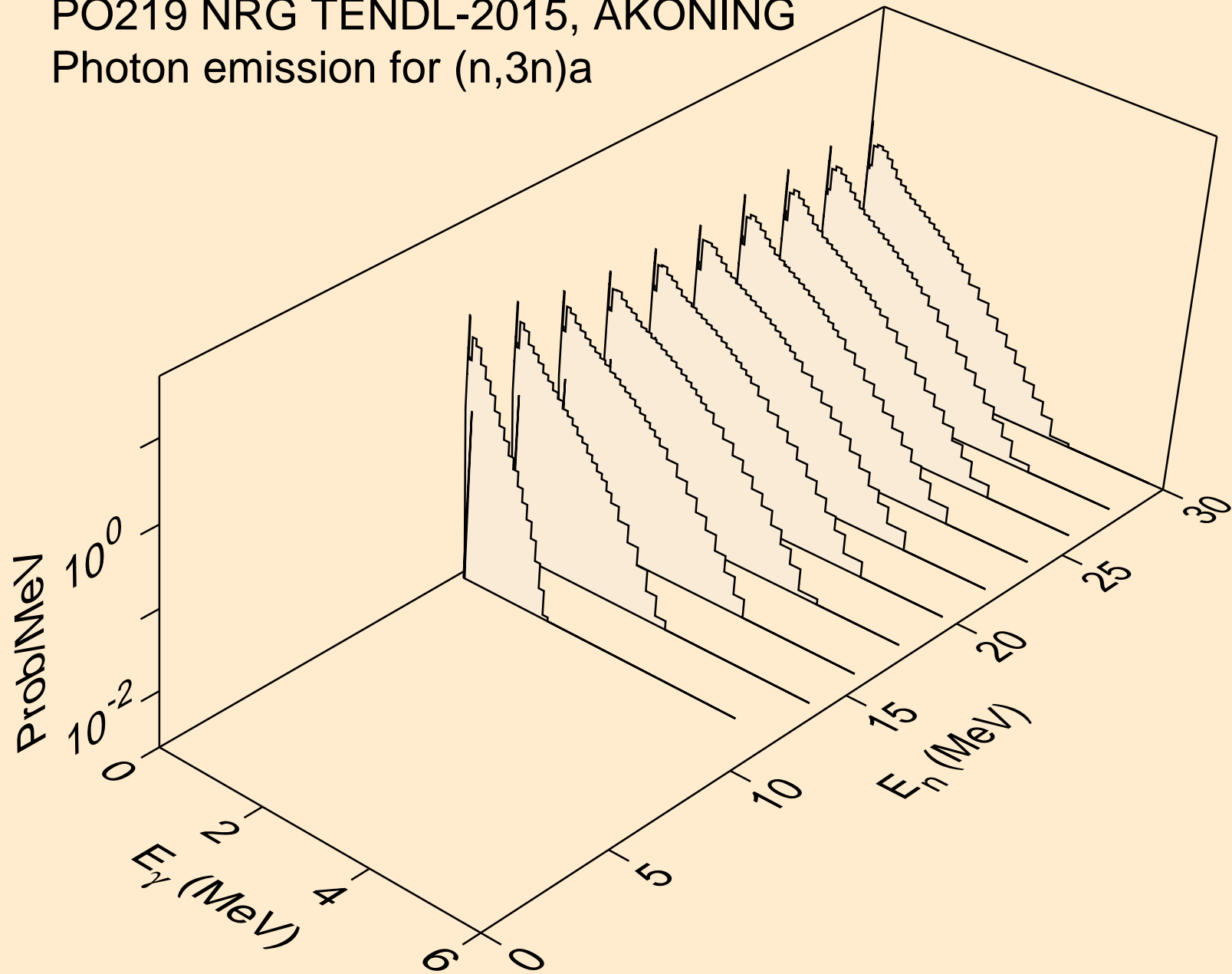
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



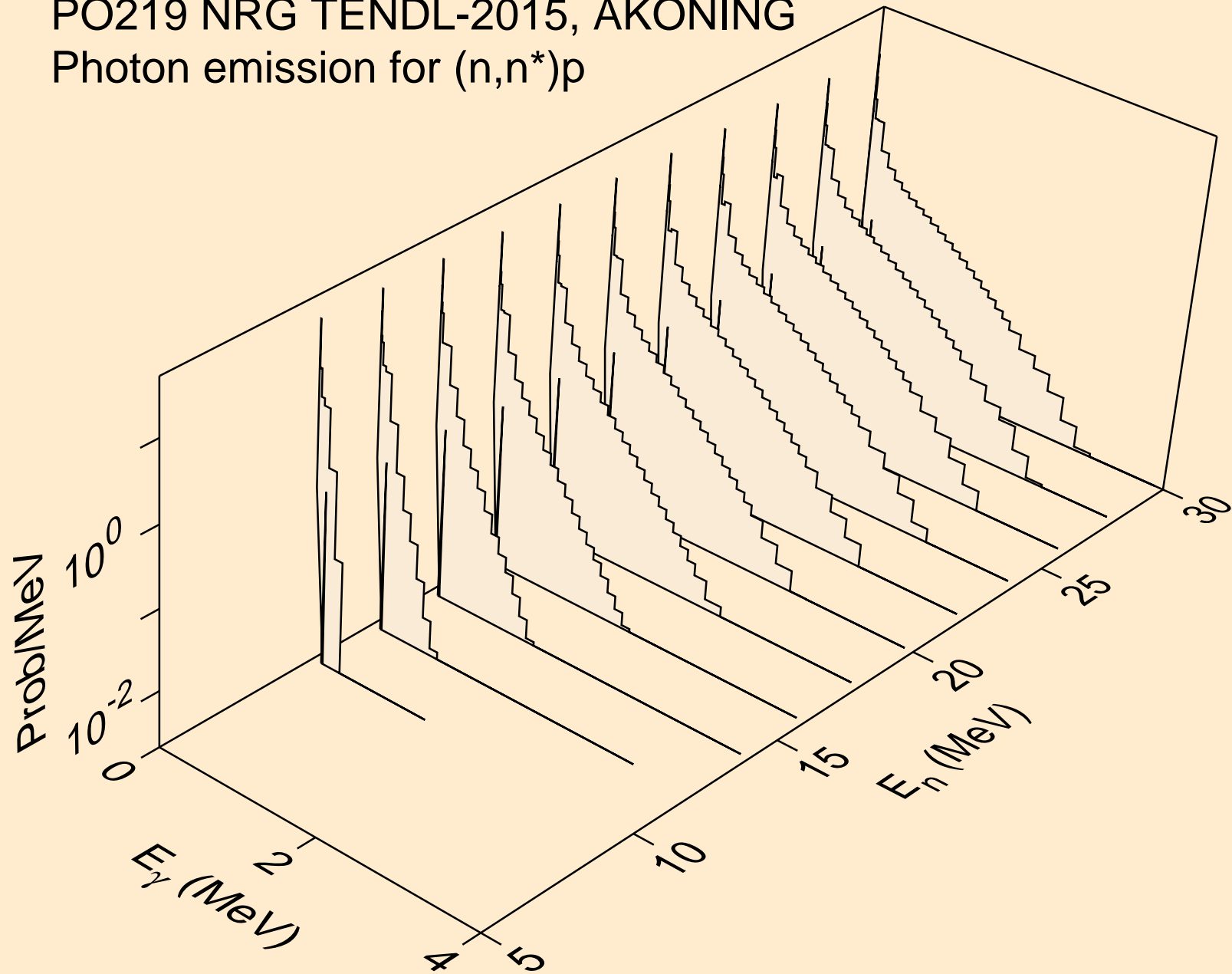
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

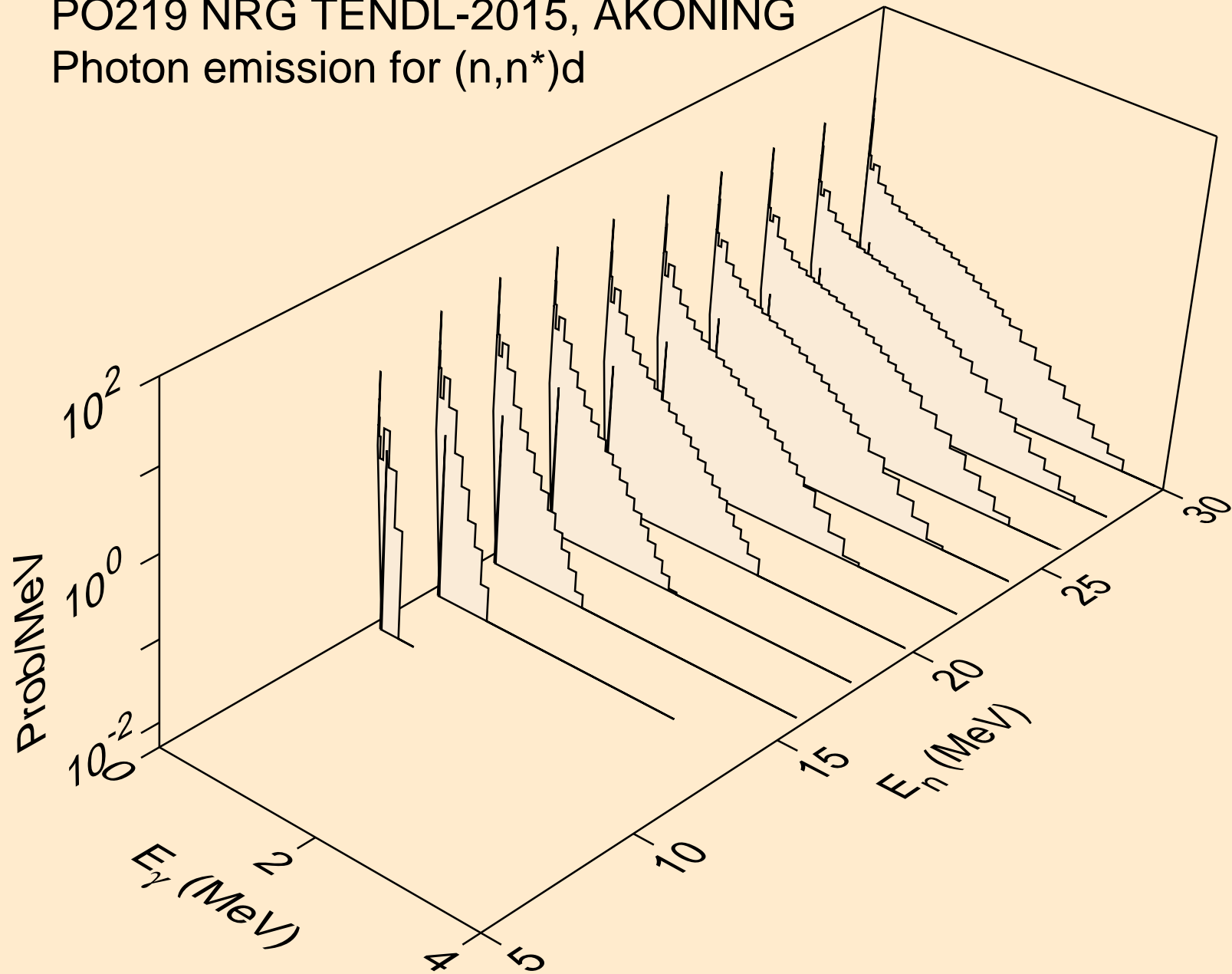


PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

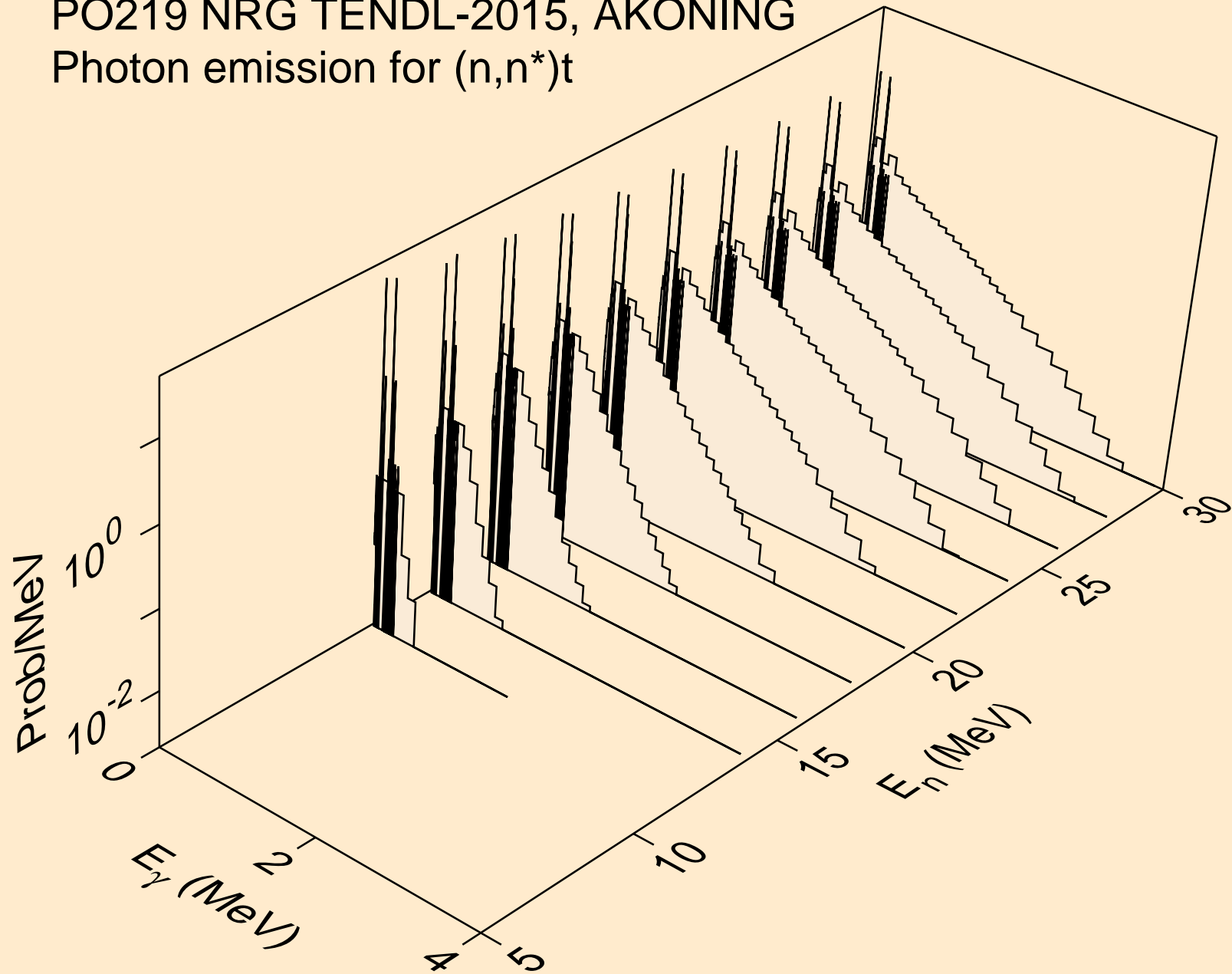




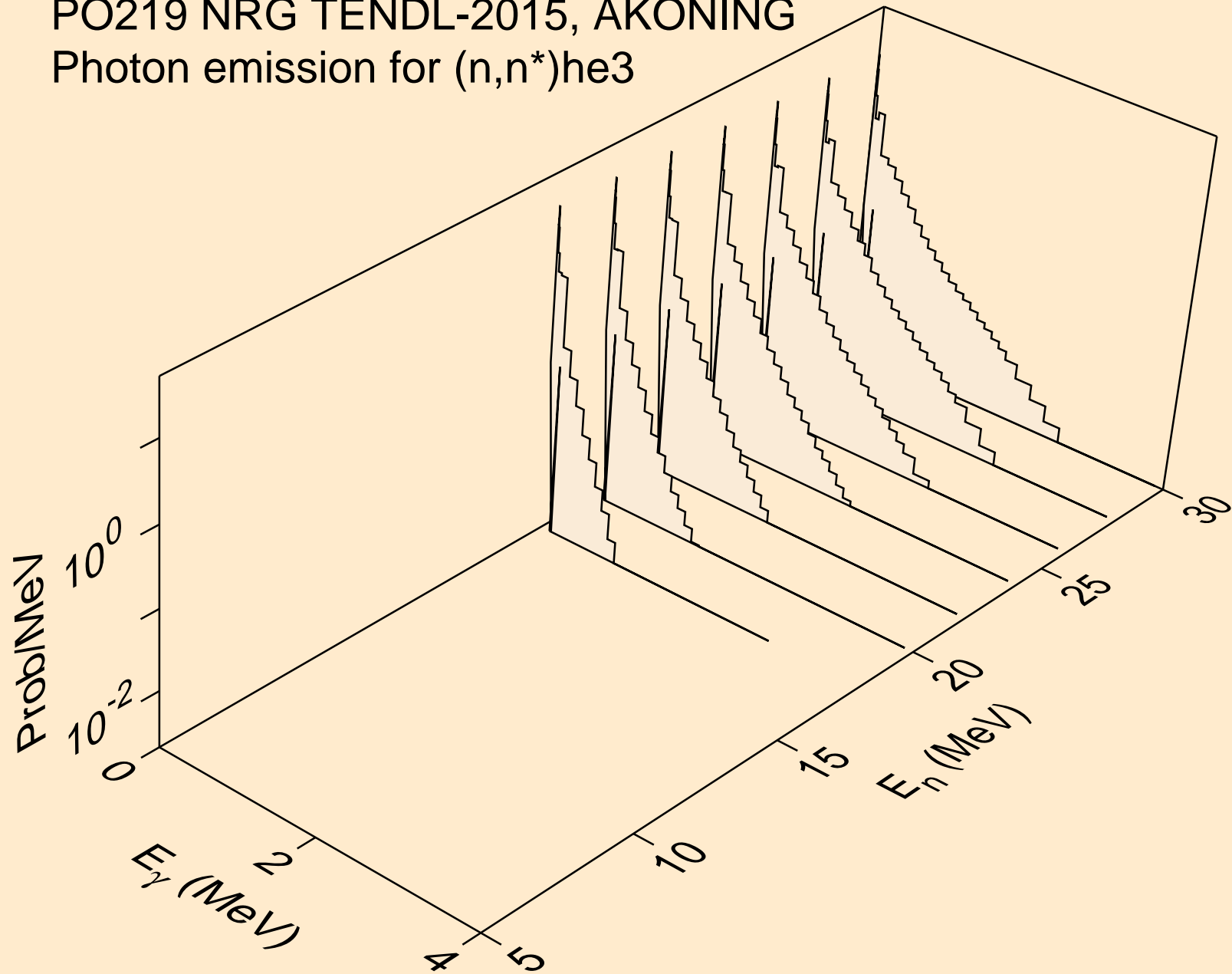
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



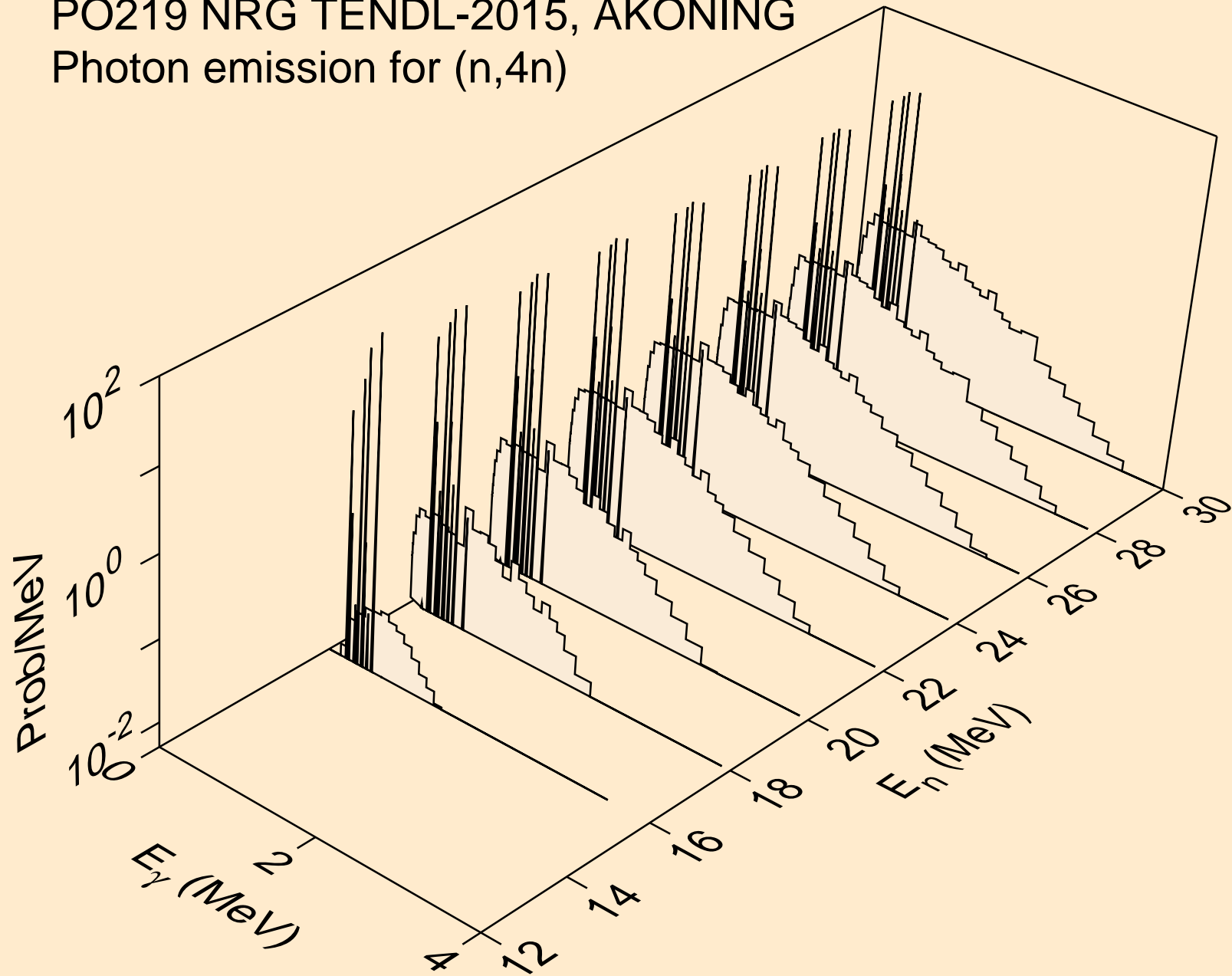
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



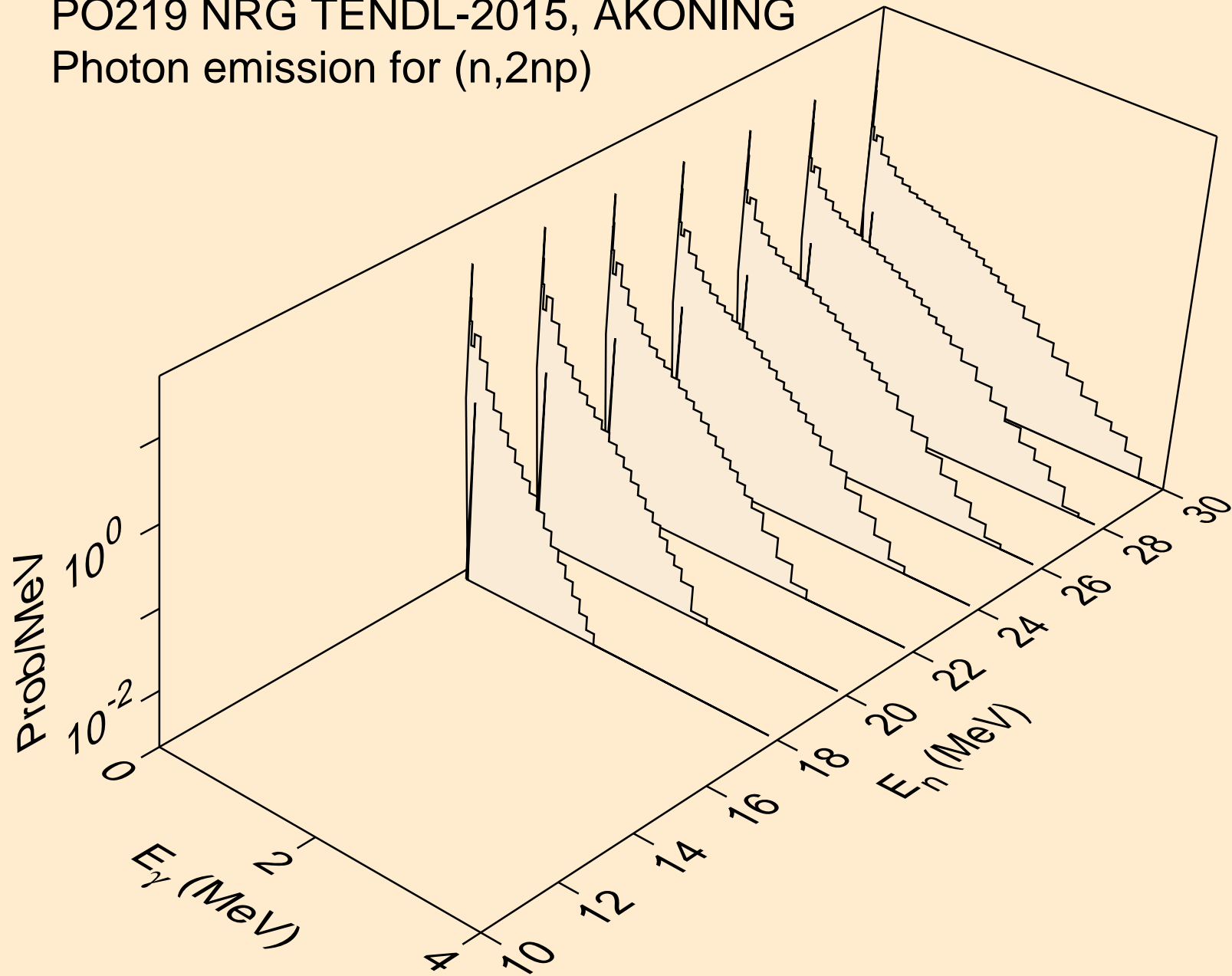
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



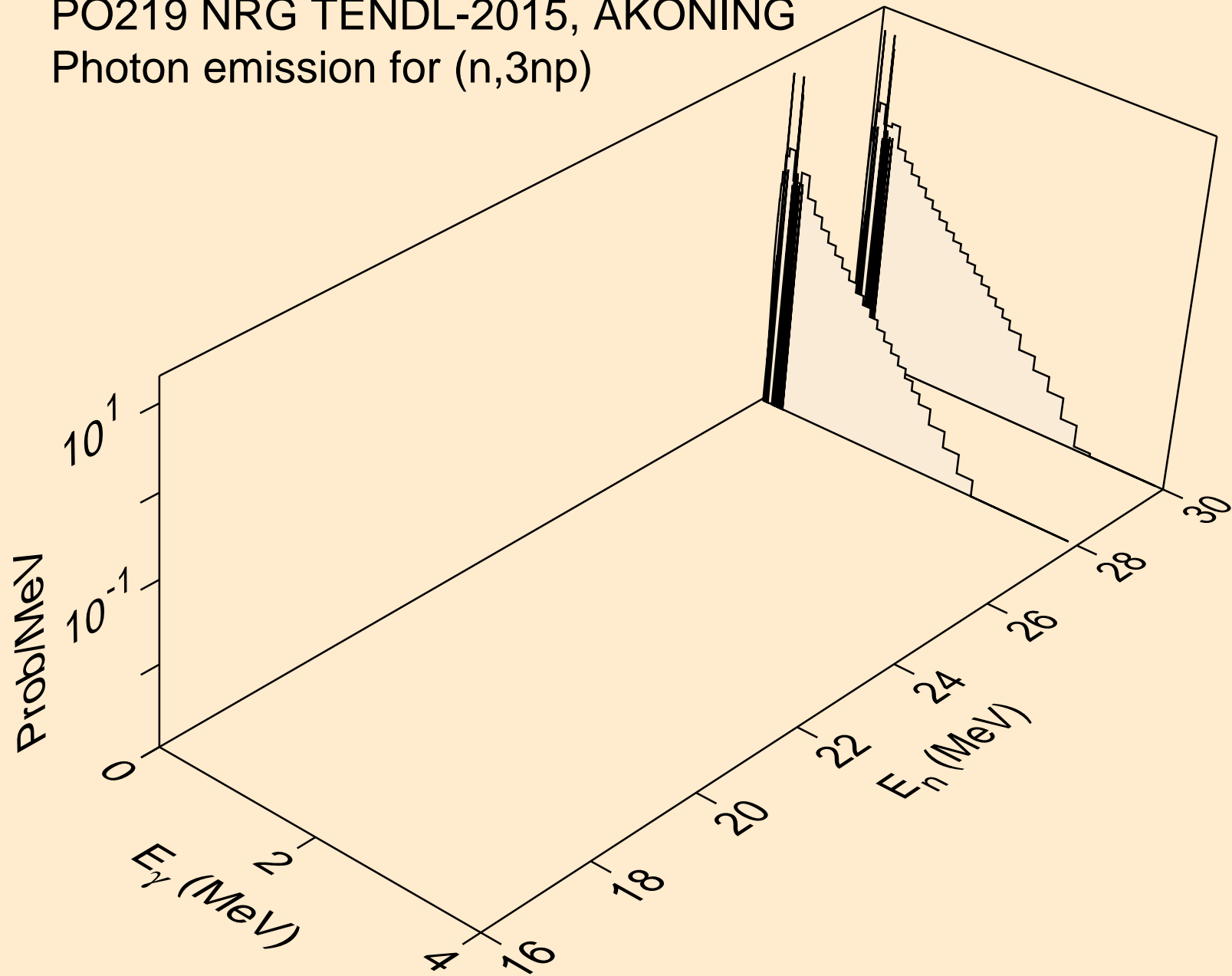
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



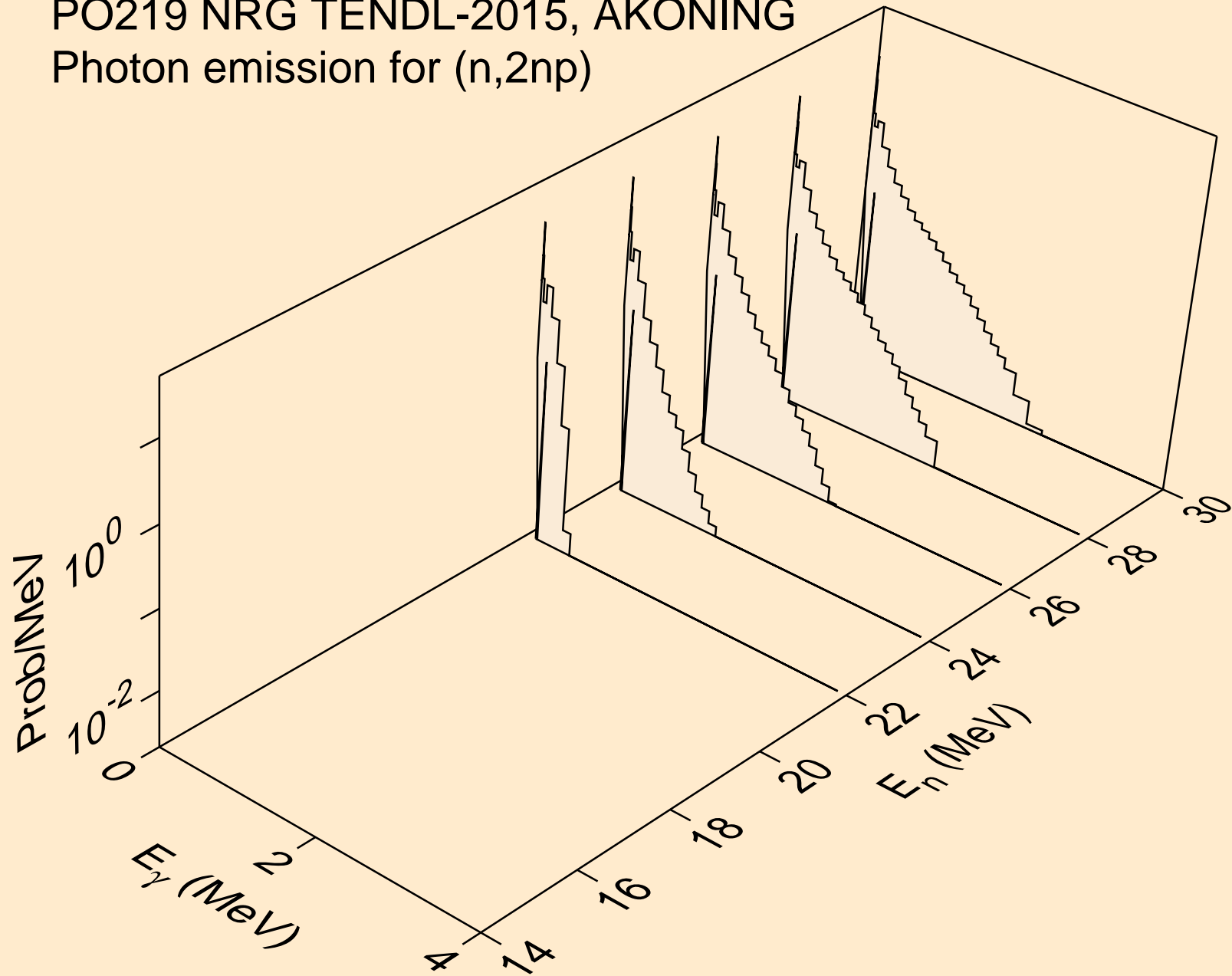
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



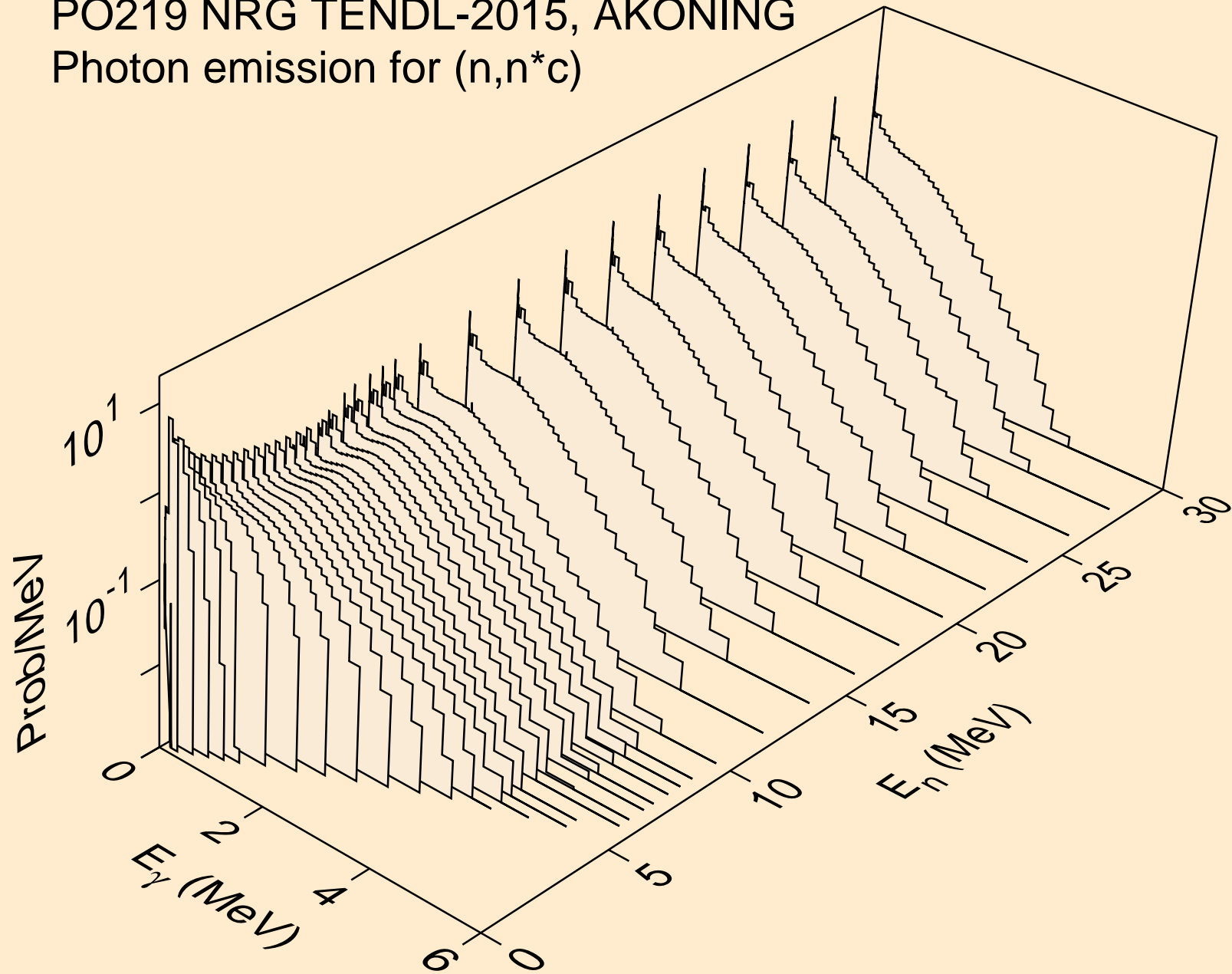
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

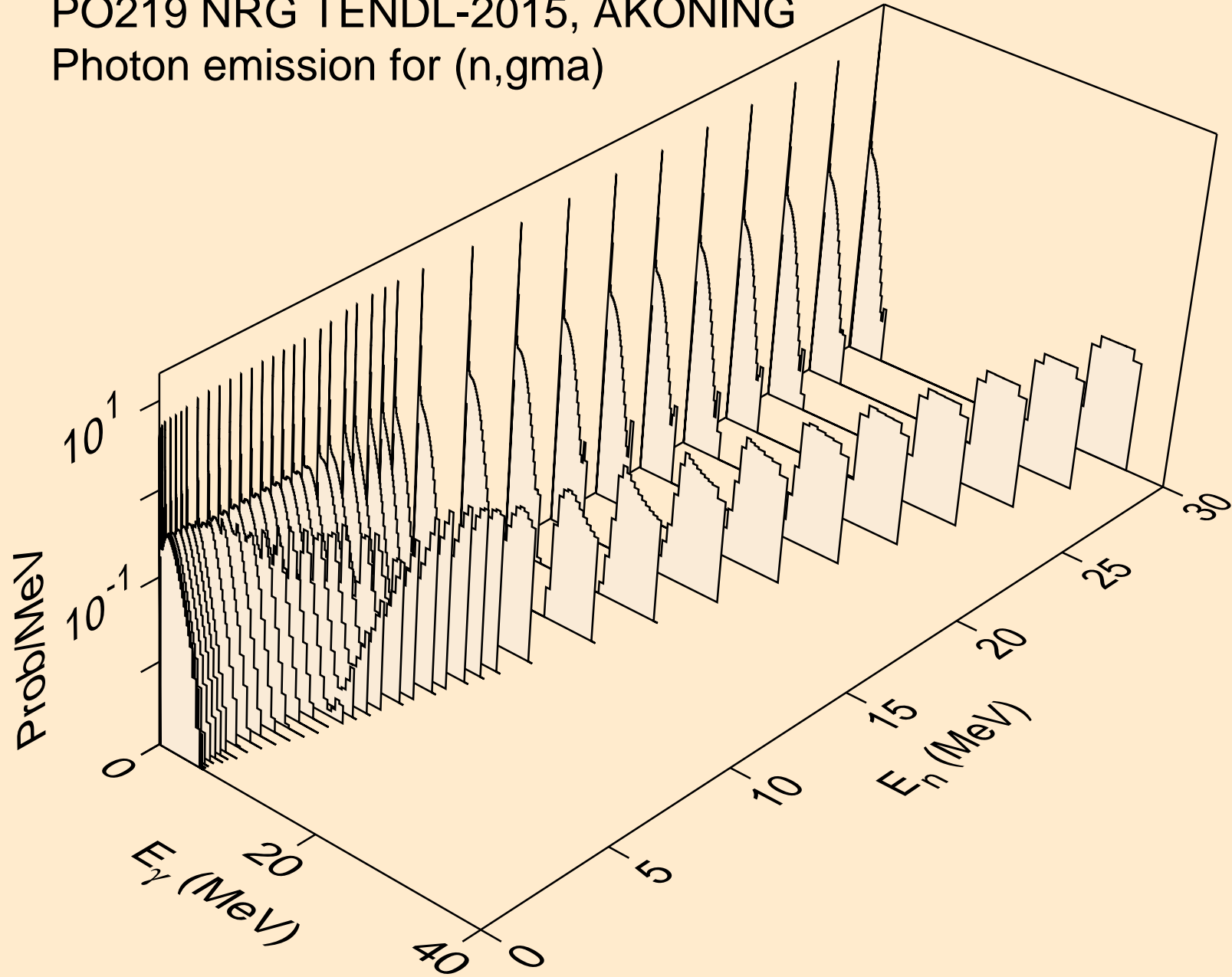


PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

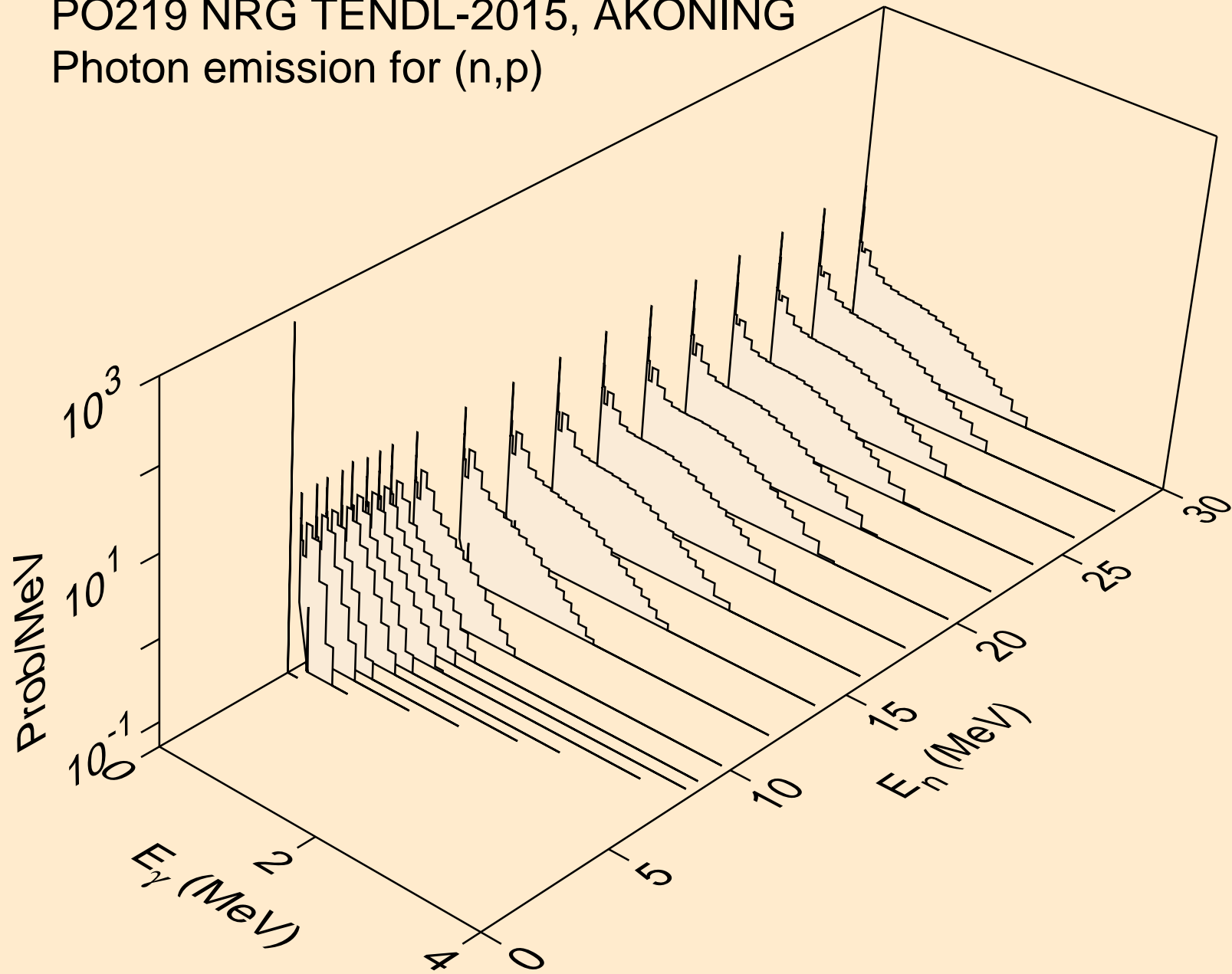




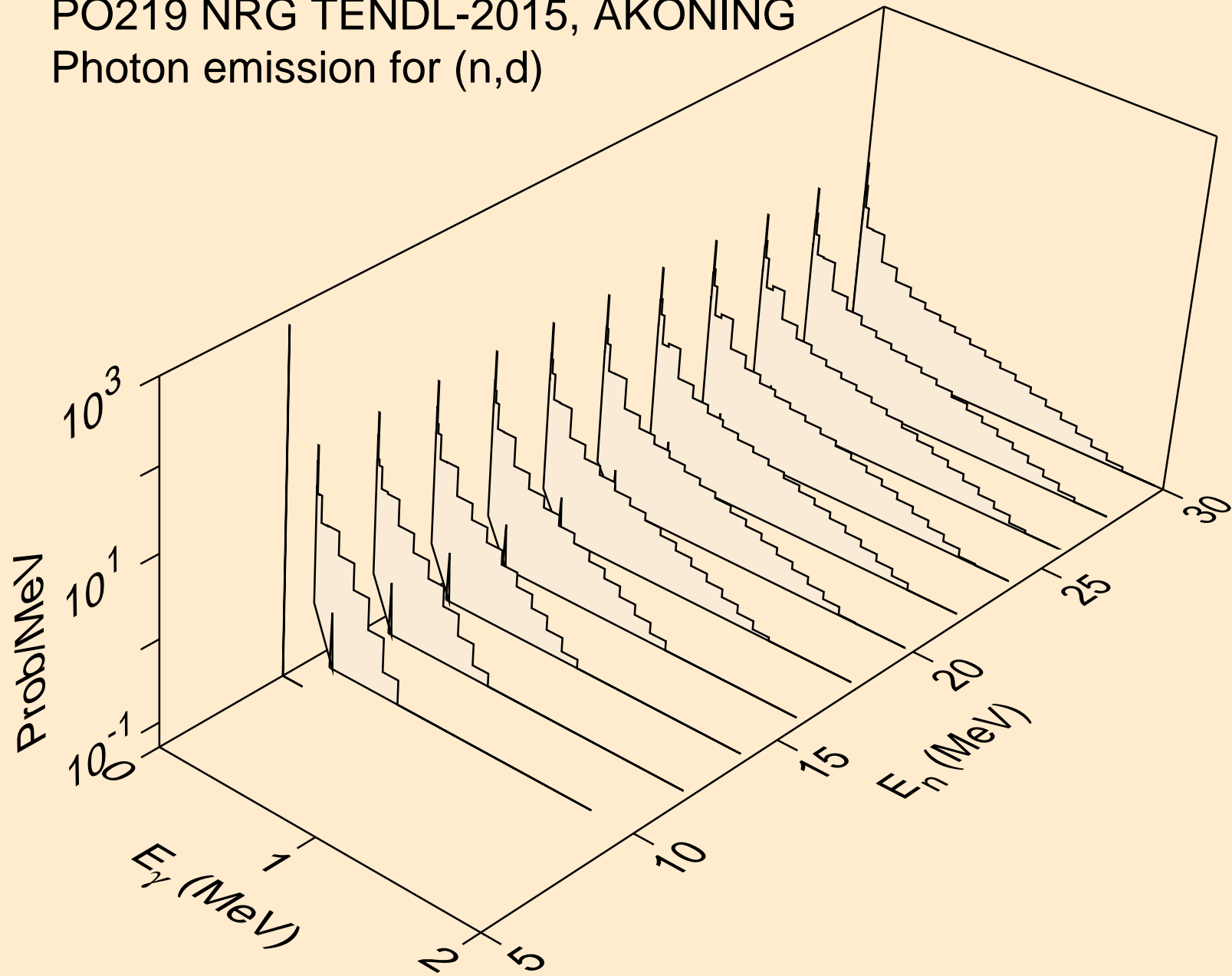
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



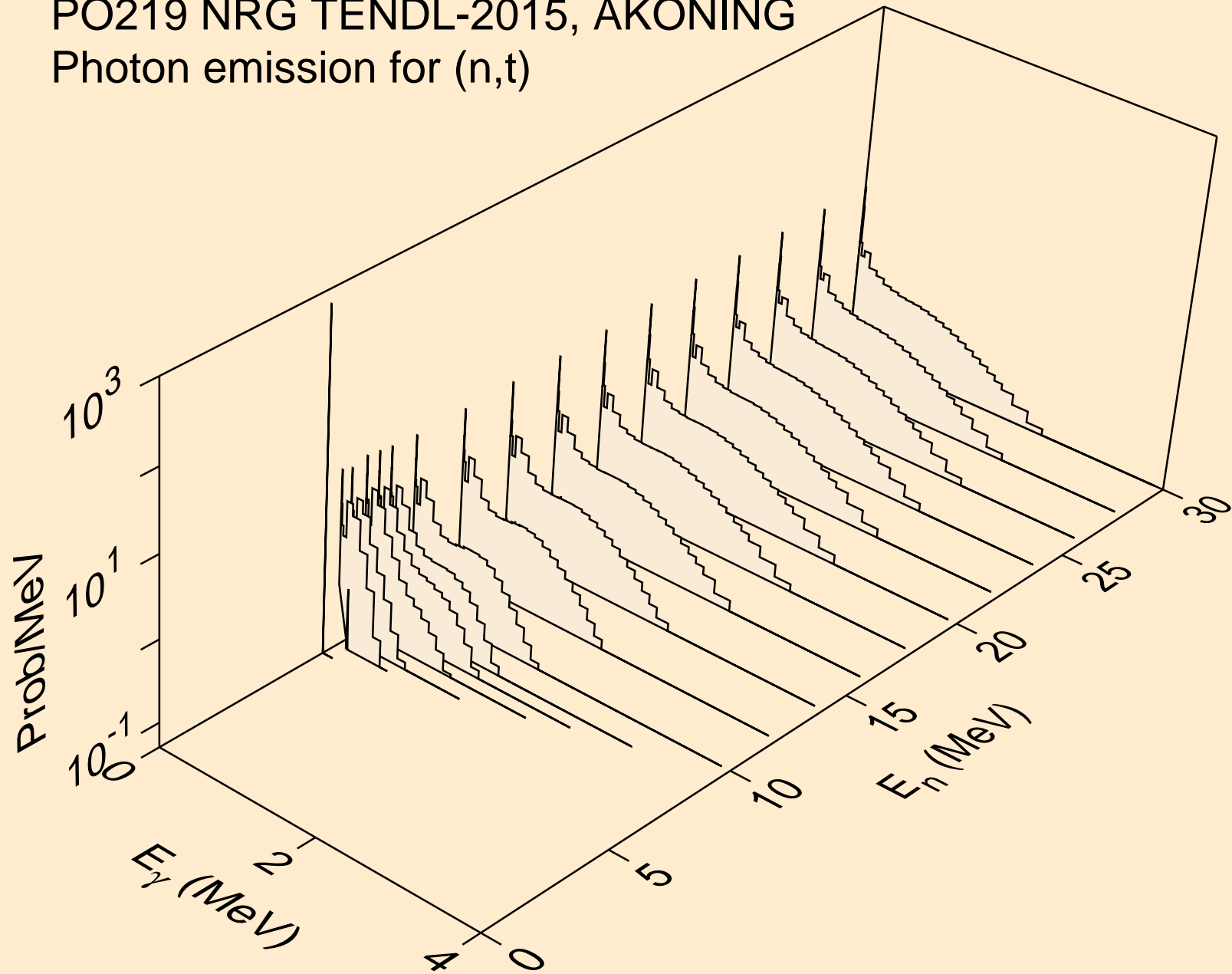
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



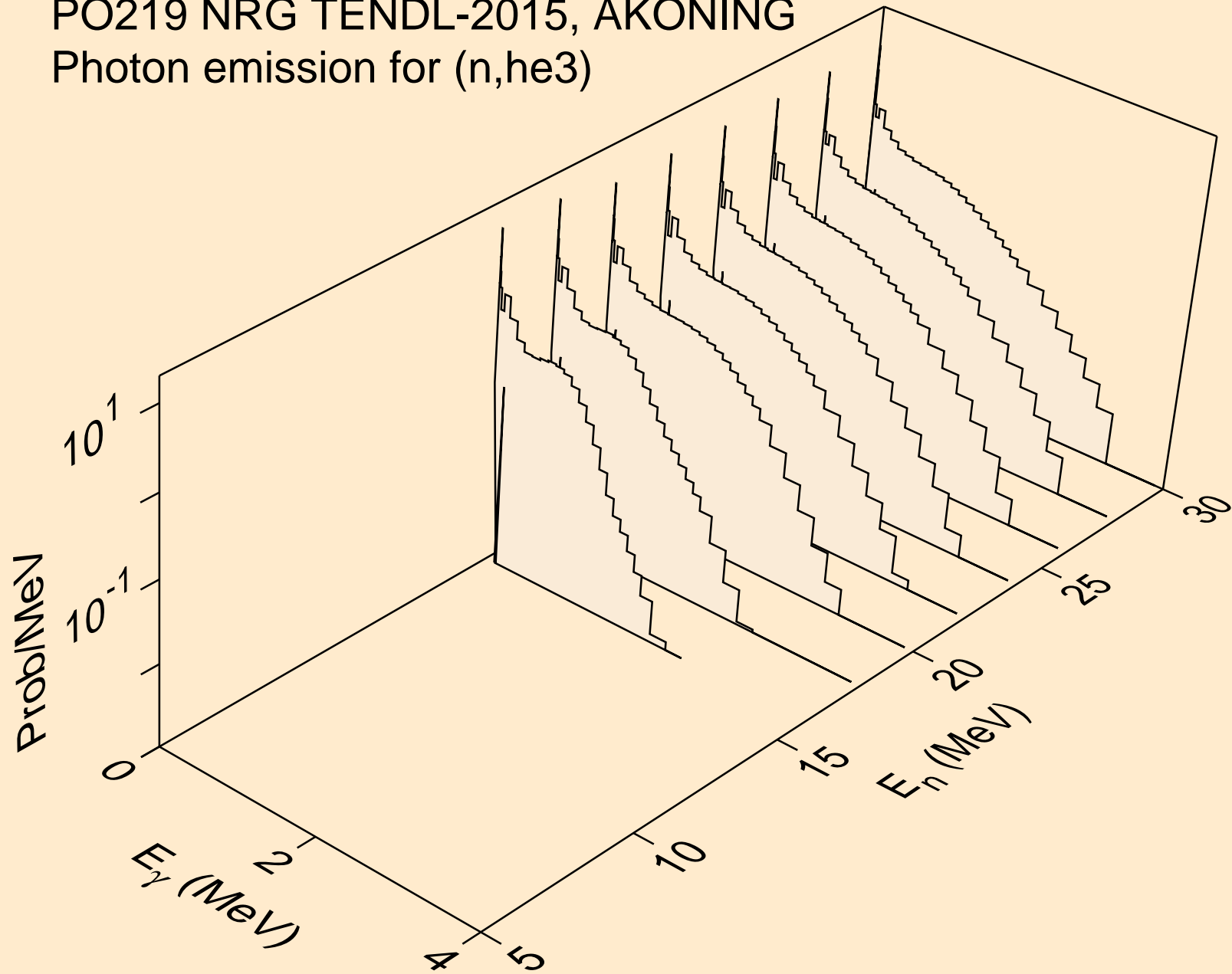
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



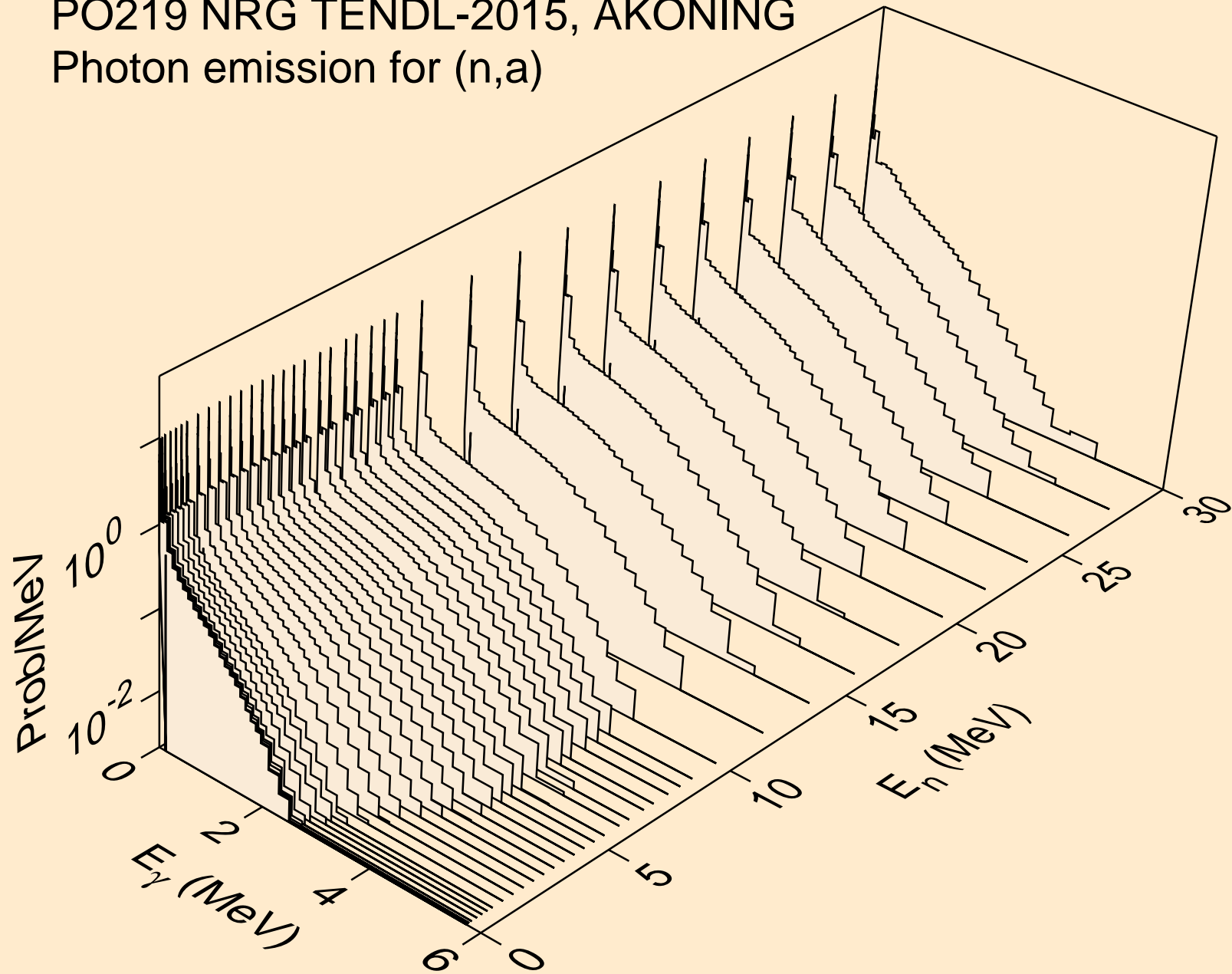
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



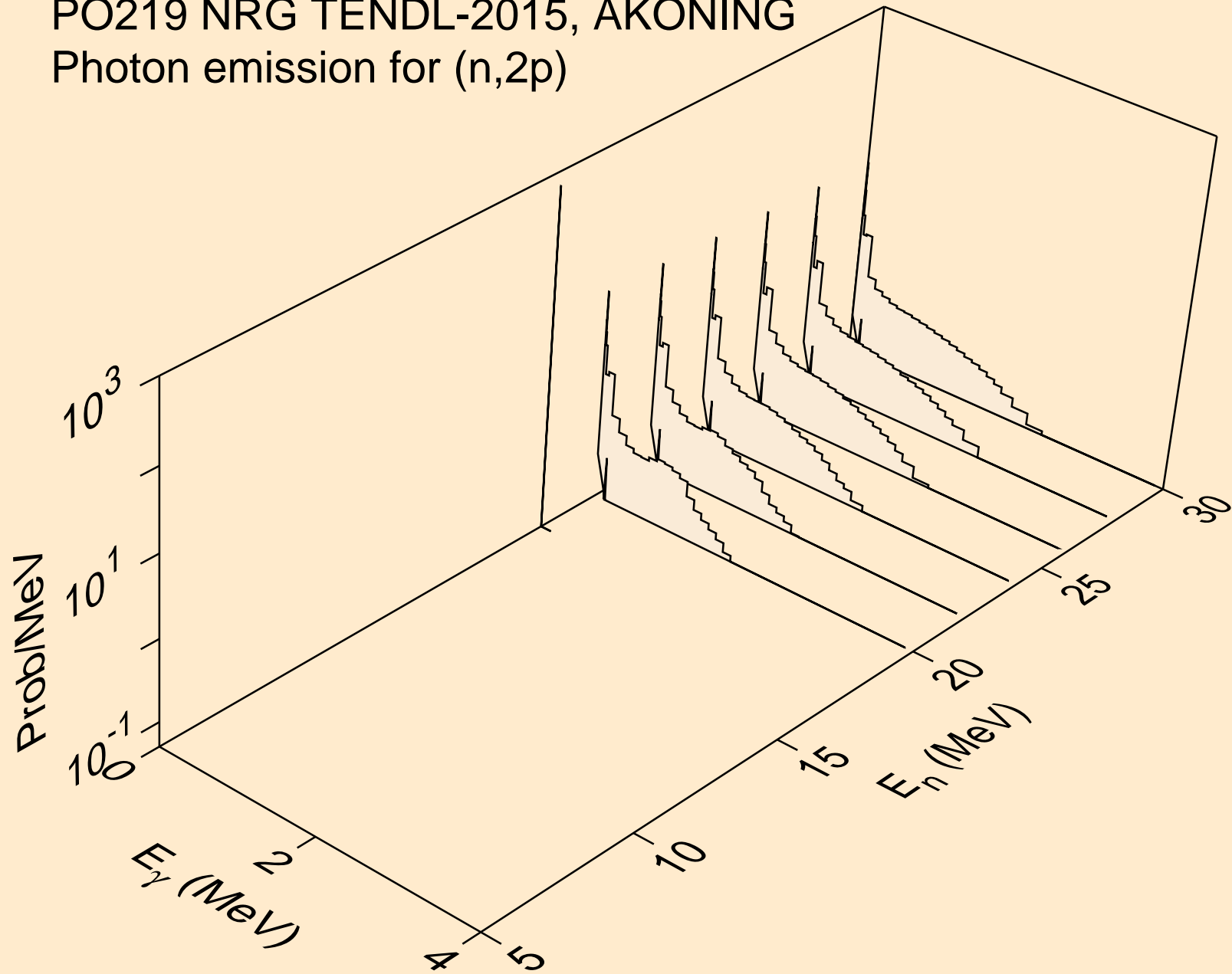
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



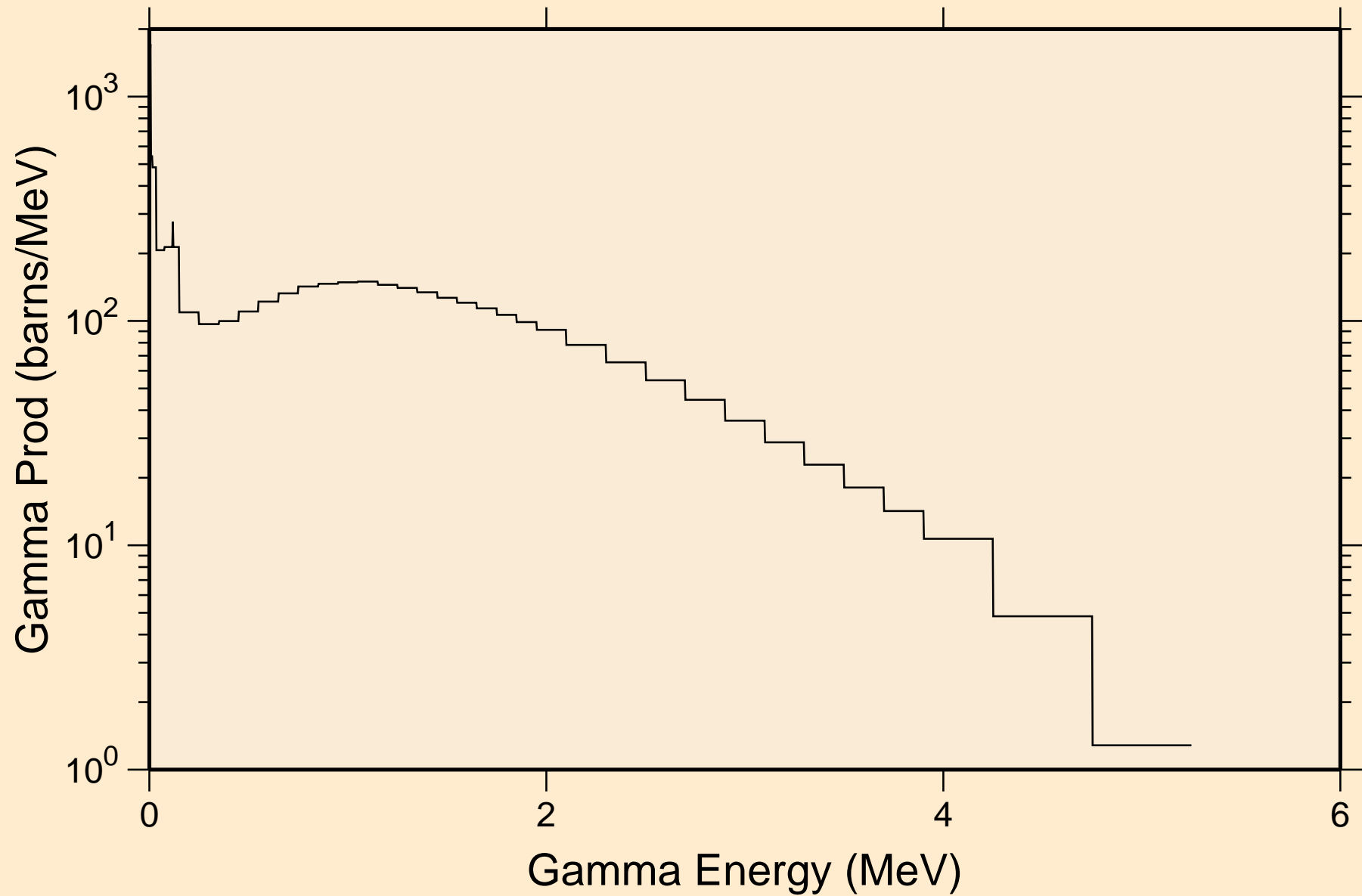
PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



PO219 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

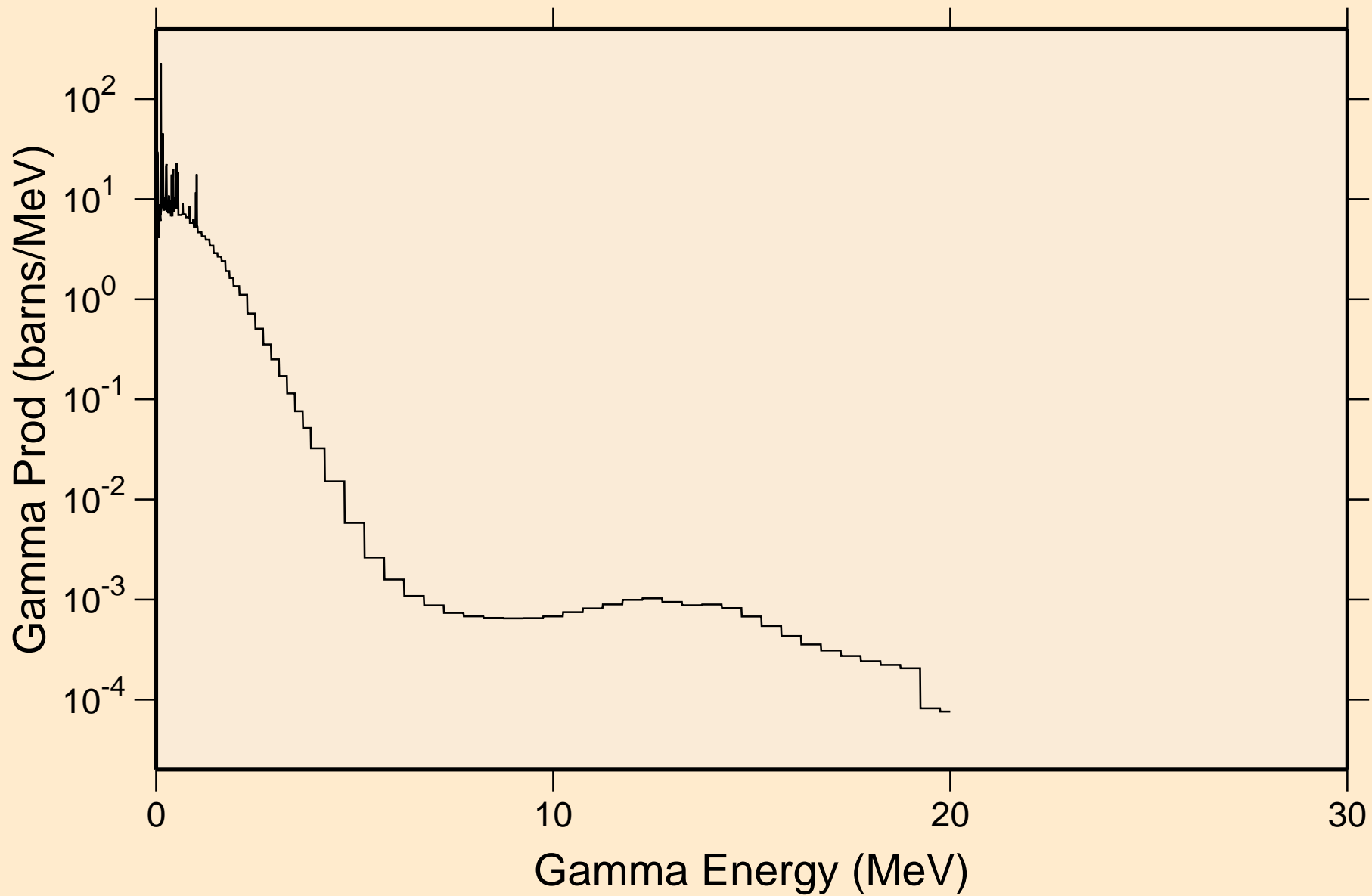


PO219 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



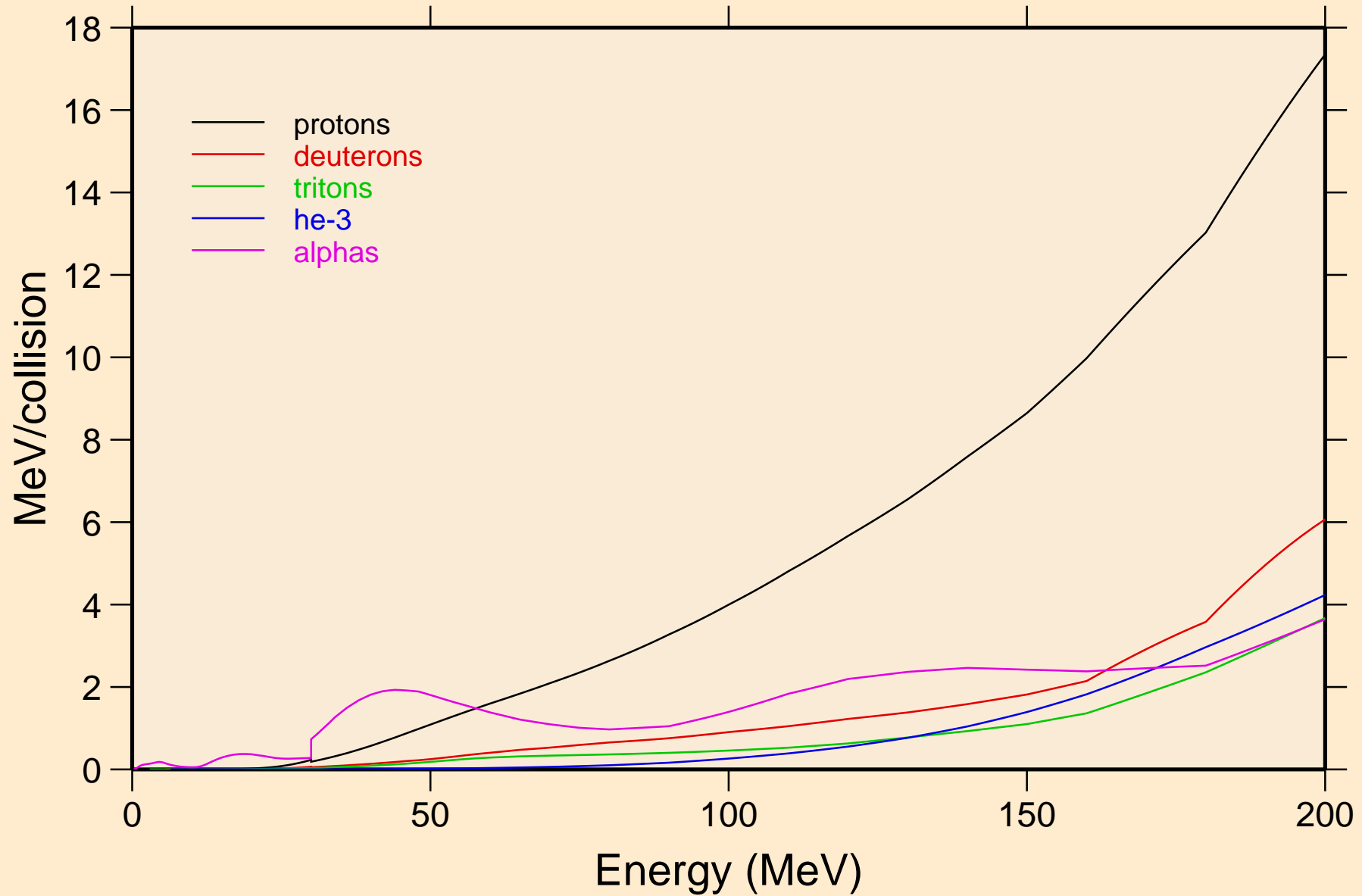


PO219 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



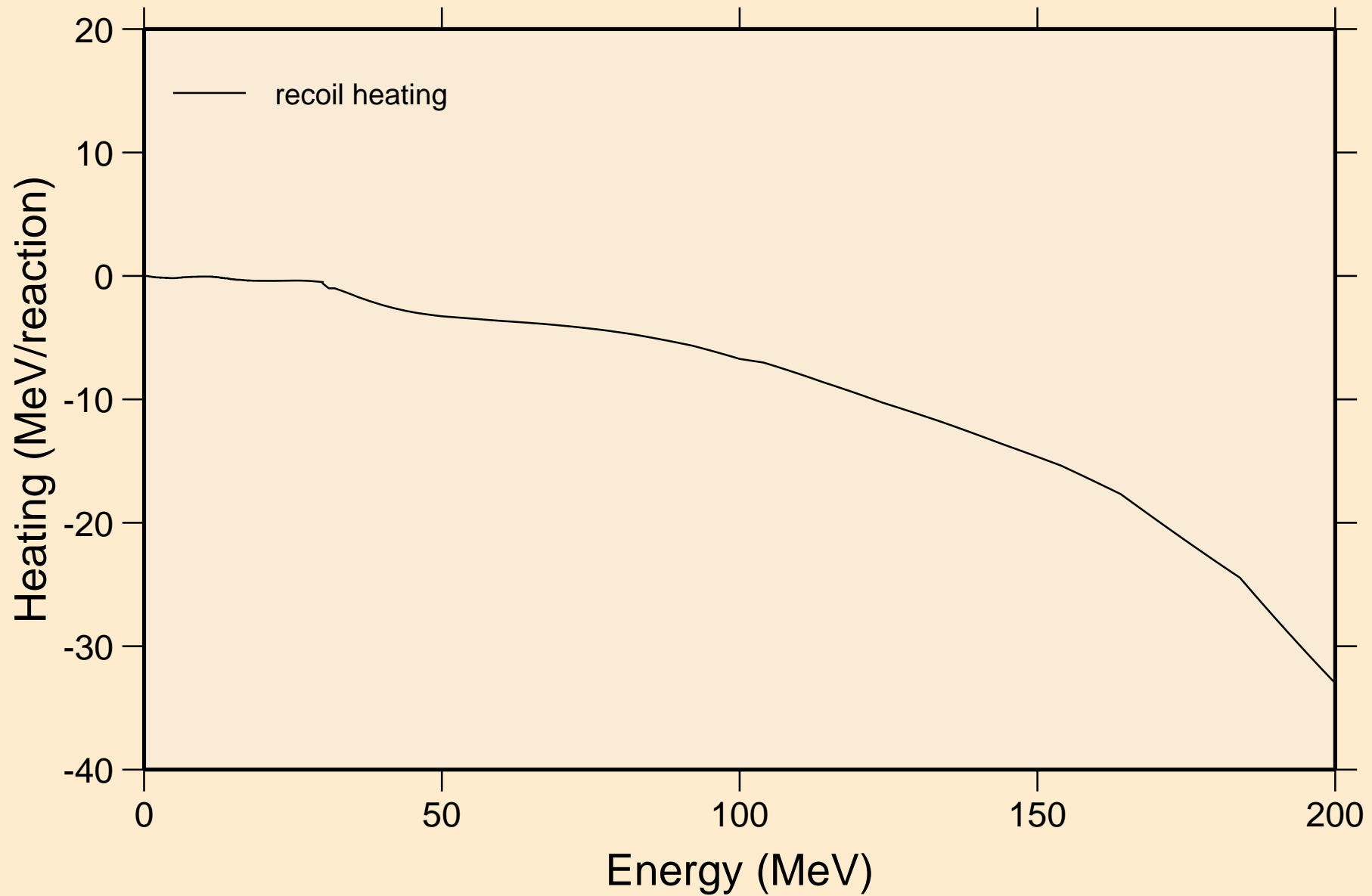
# PO219 NRG TENDL-2015, AKONING

## Particle heating contributions



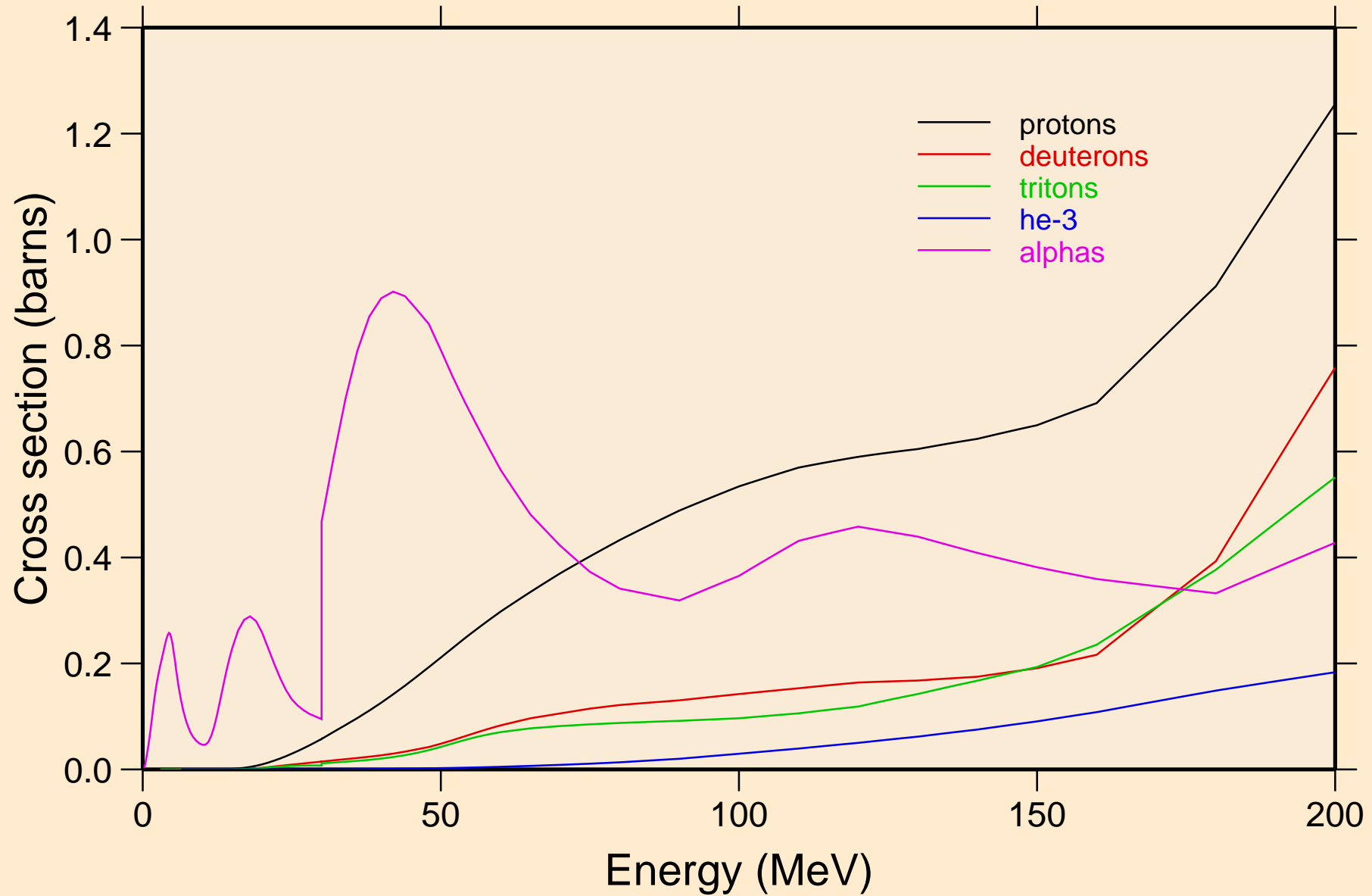
# PO219 NRG TENDL-2015, AKONING

## Recoil Heating

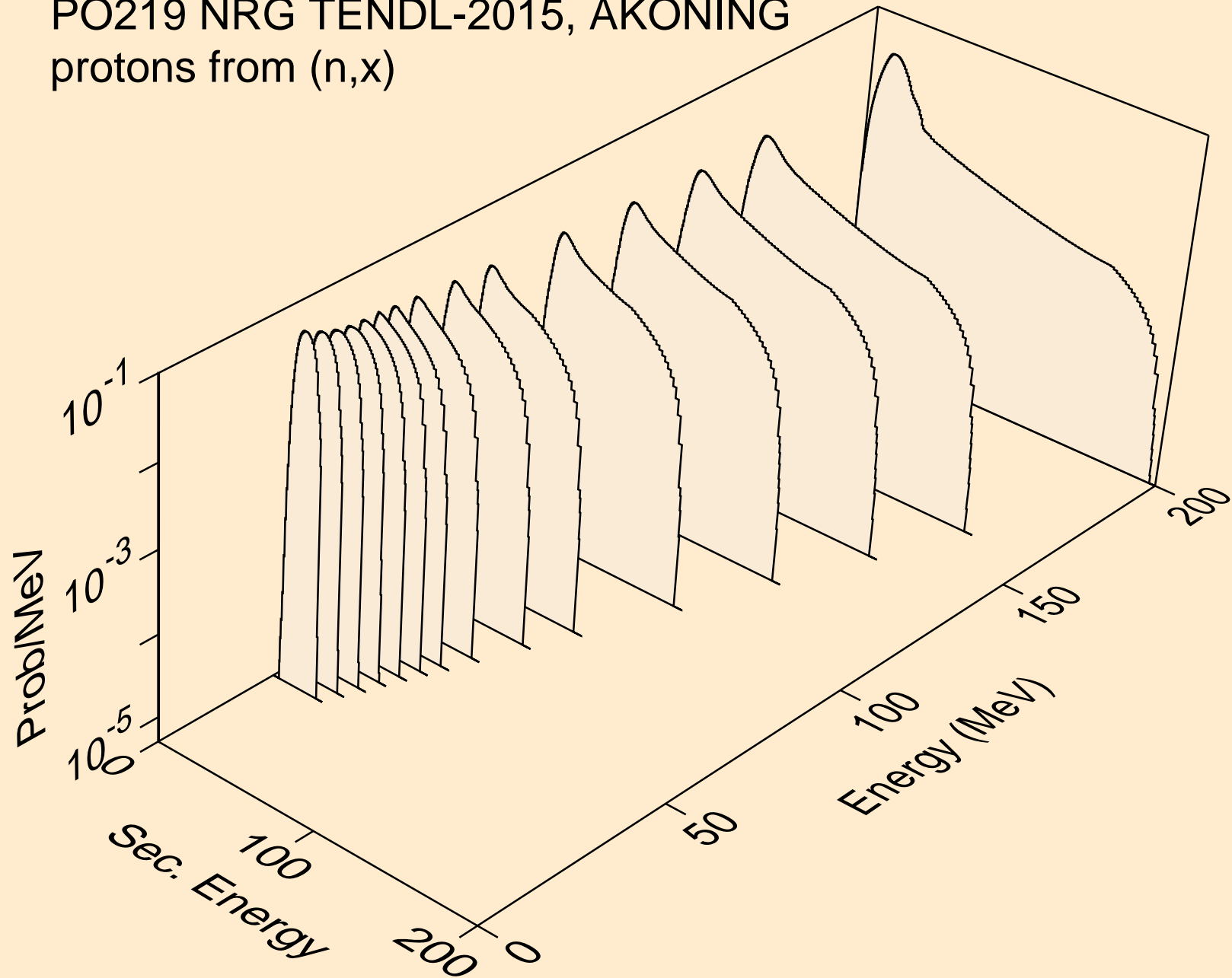


# PO219 NRG TENDL-2015, AKONING

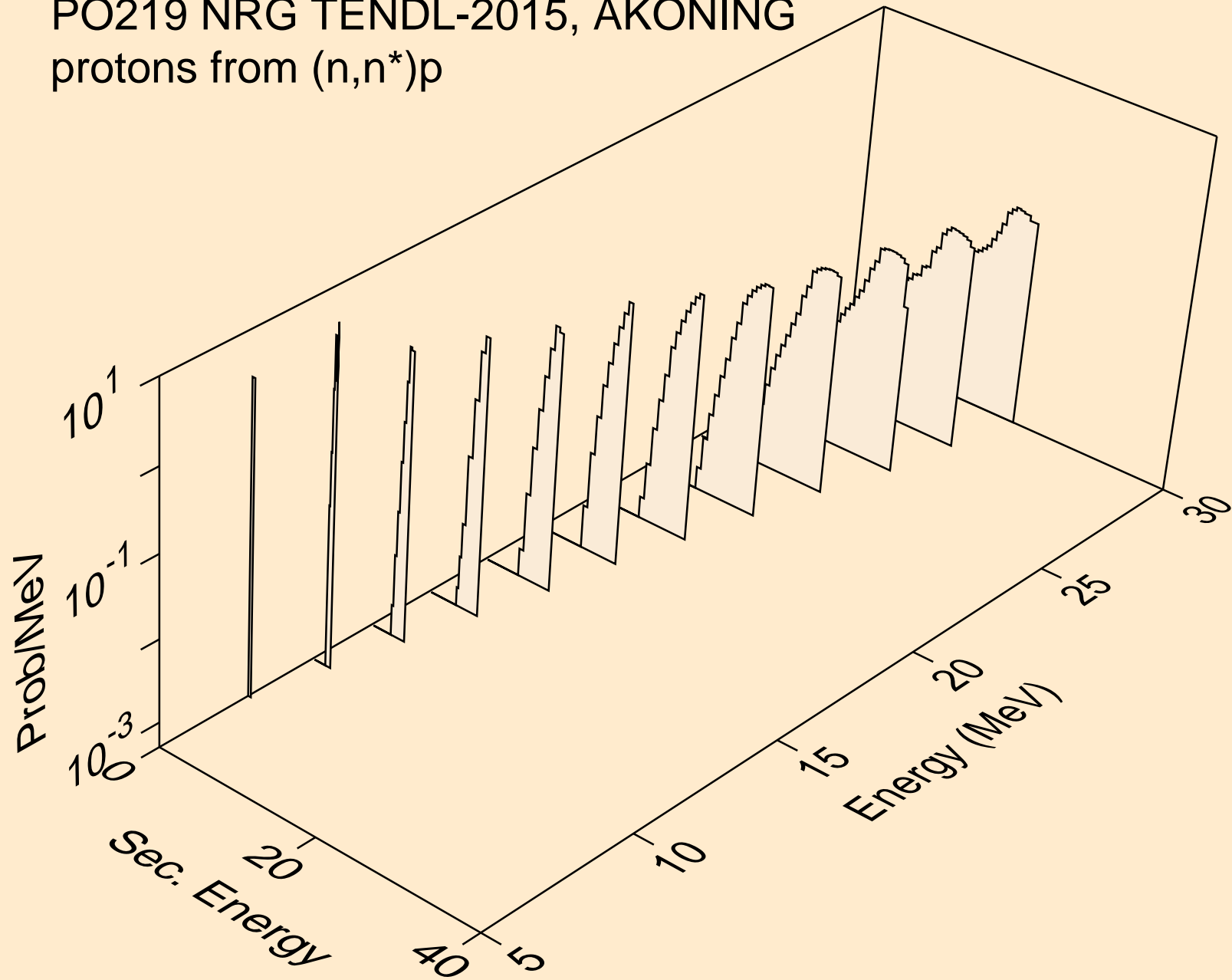
## Particle production cross sections



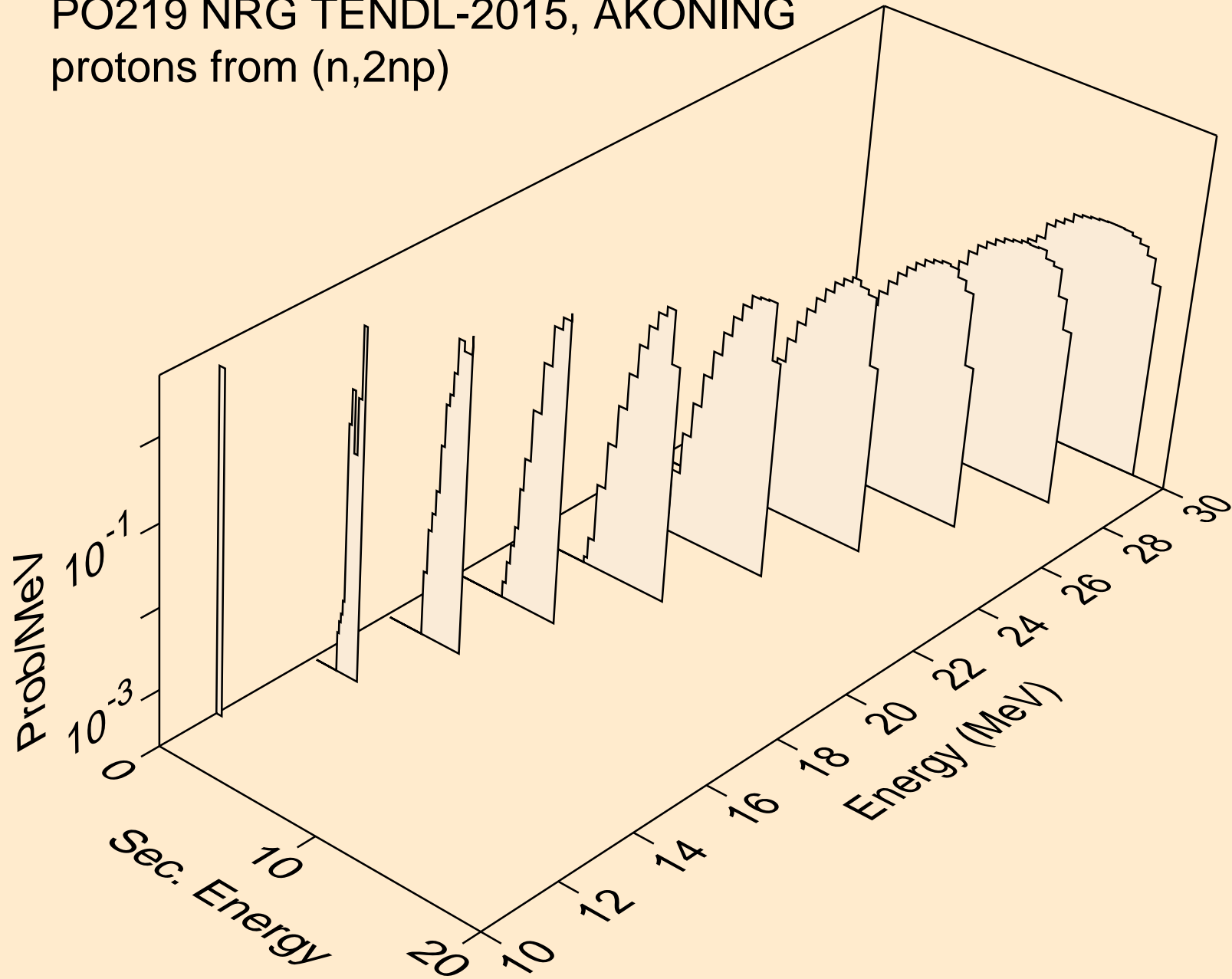
PO219 NRG TENDL-2015, AKONING  
protons from (n,x)



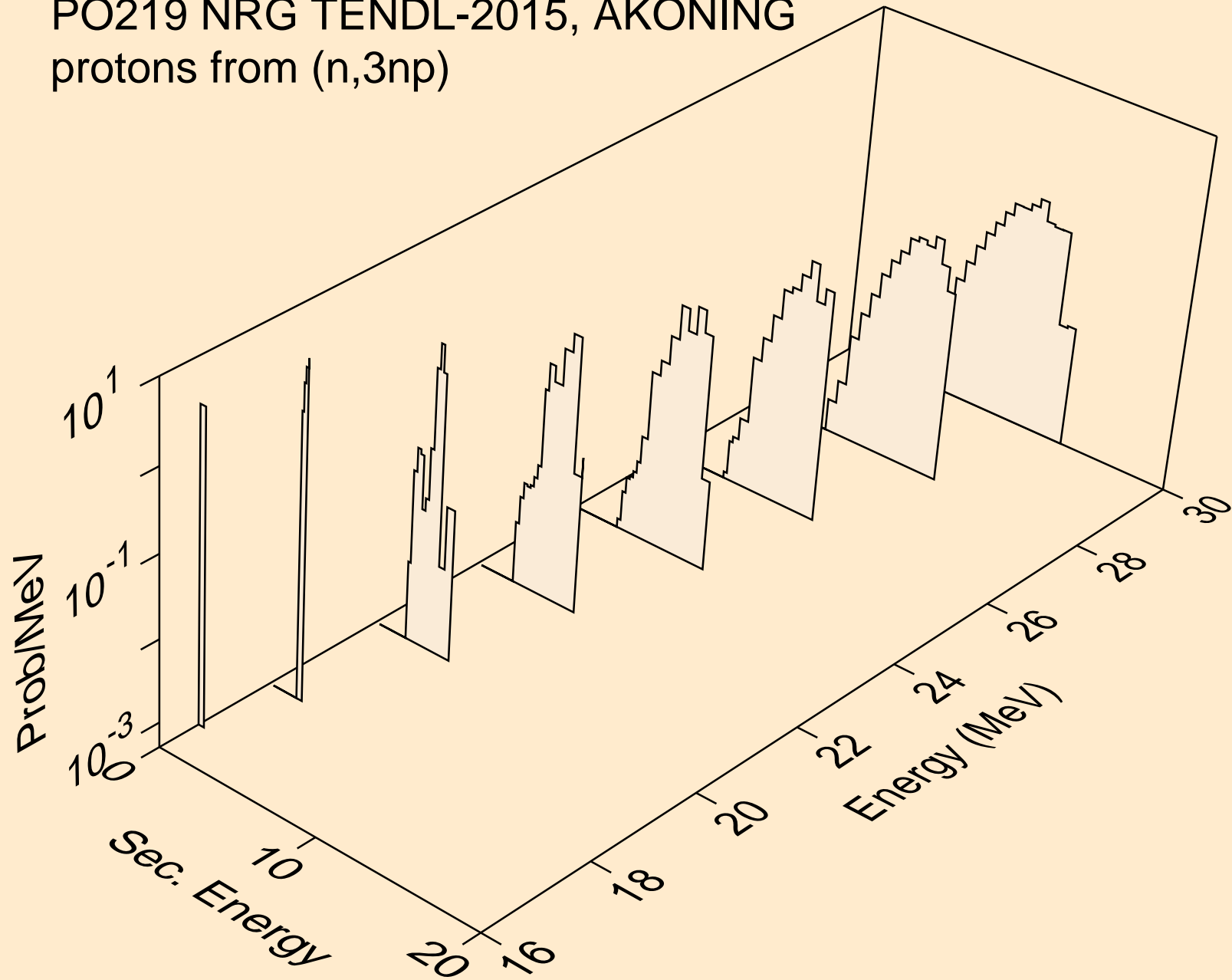
PO219 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



PO219 NRG TENDL-2015, AKONING  
protons from (n,2np)

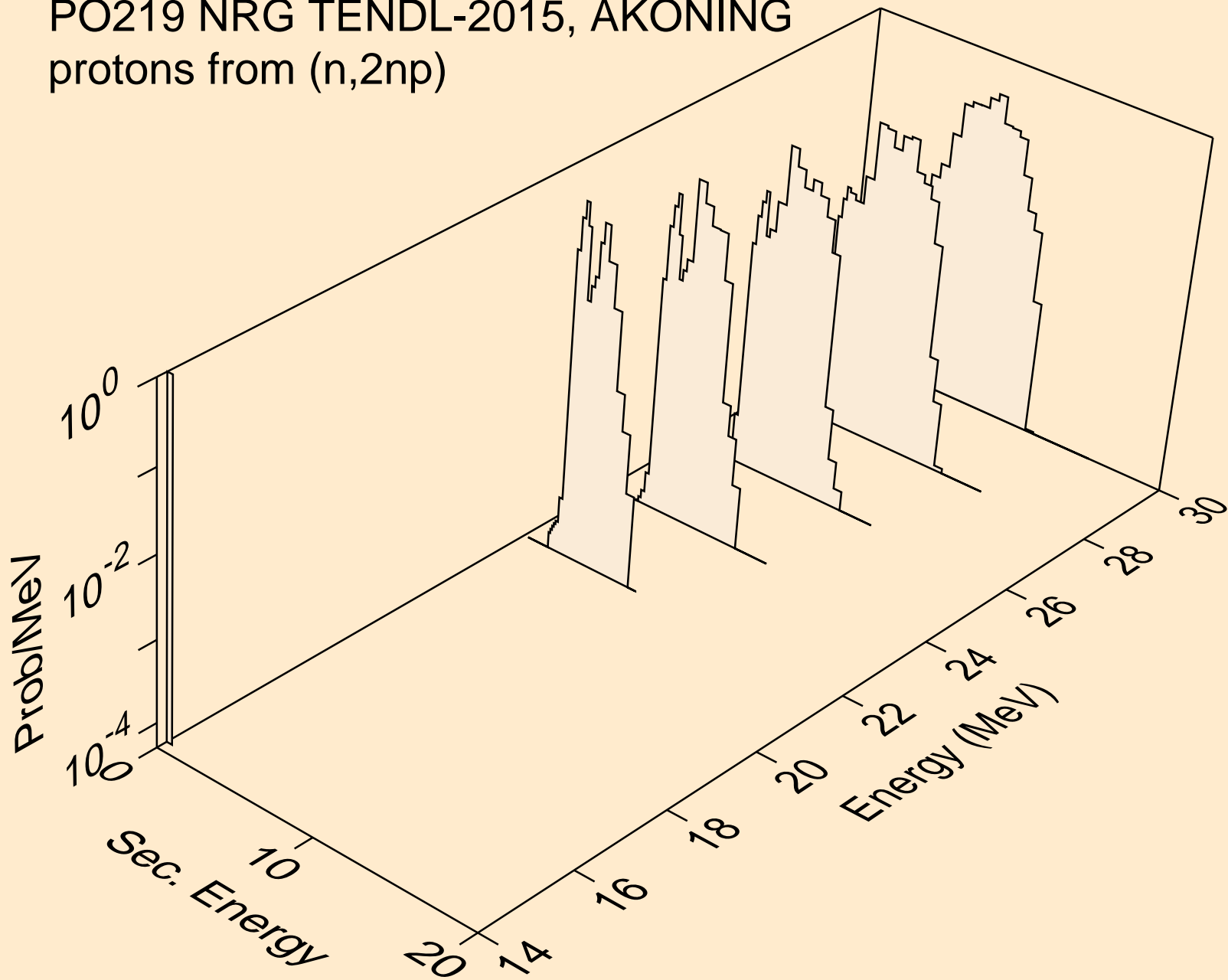


PO219 NRG TENDL-2015, AKONING  
protons from (n,3np)

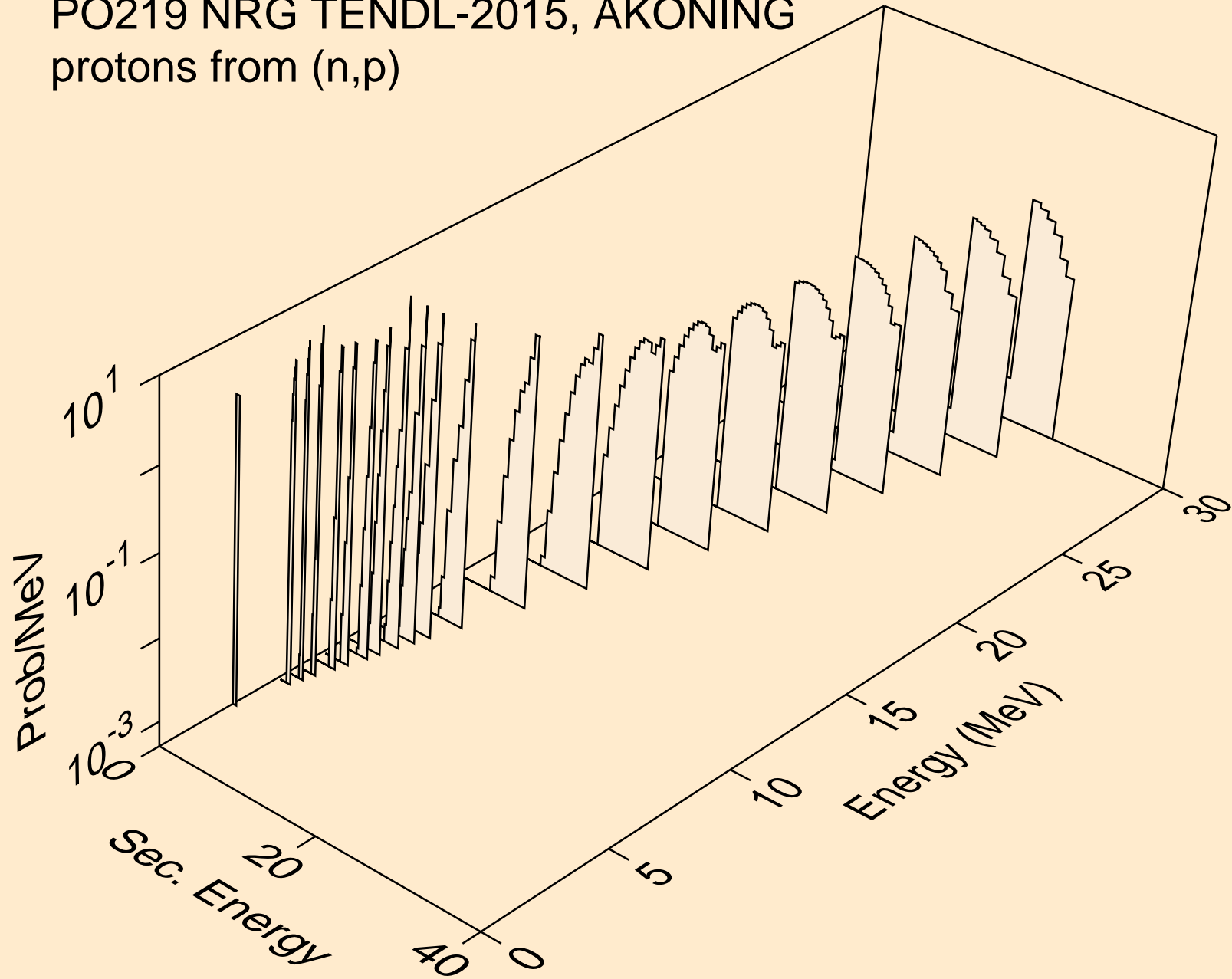




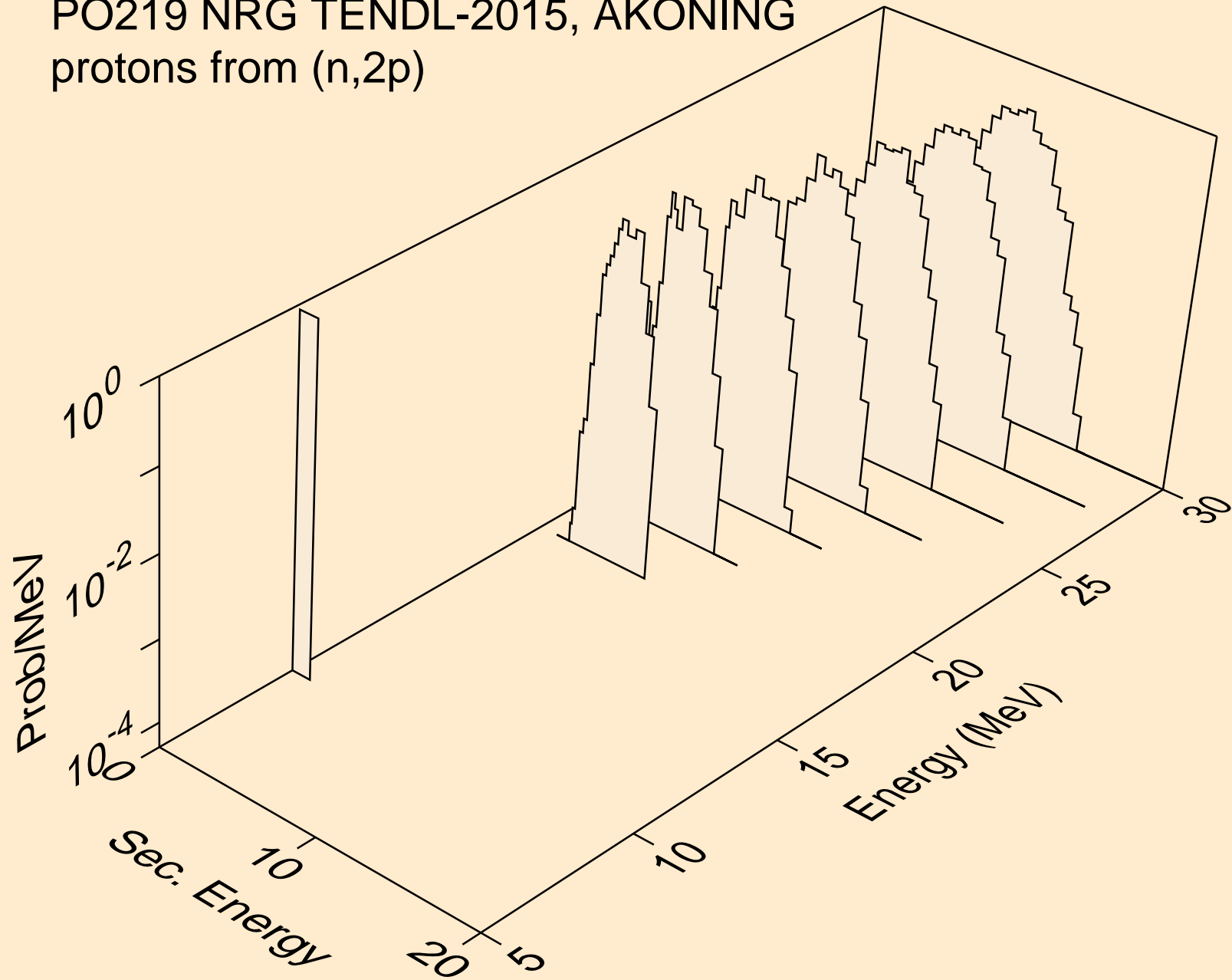
PO219 NRG TENDL-2015, AKONING  
protons from (n,2np)



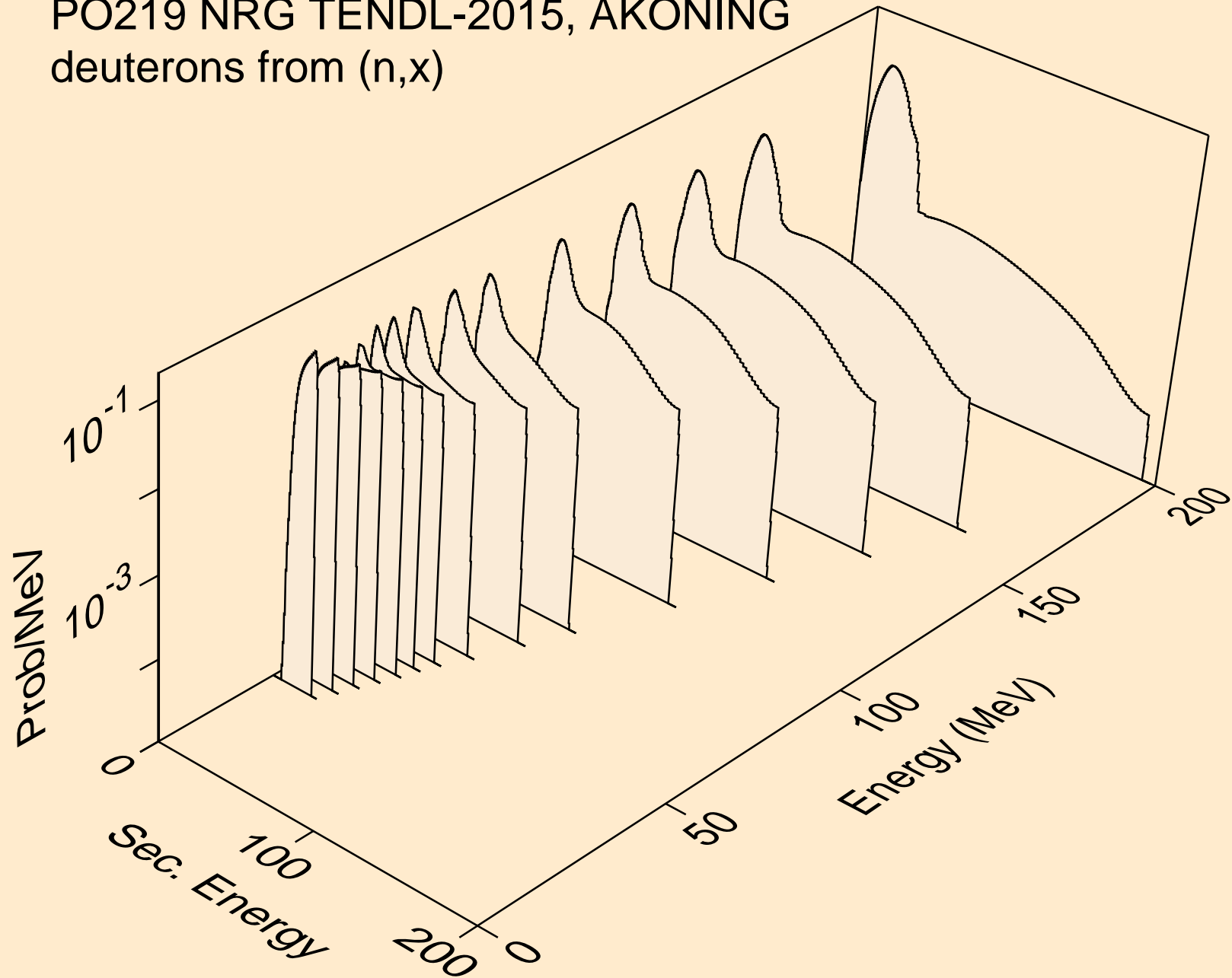
PO219 NRG TENDL-2015, AKONING  
protons from (n,p)



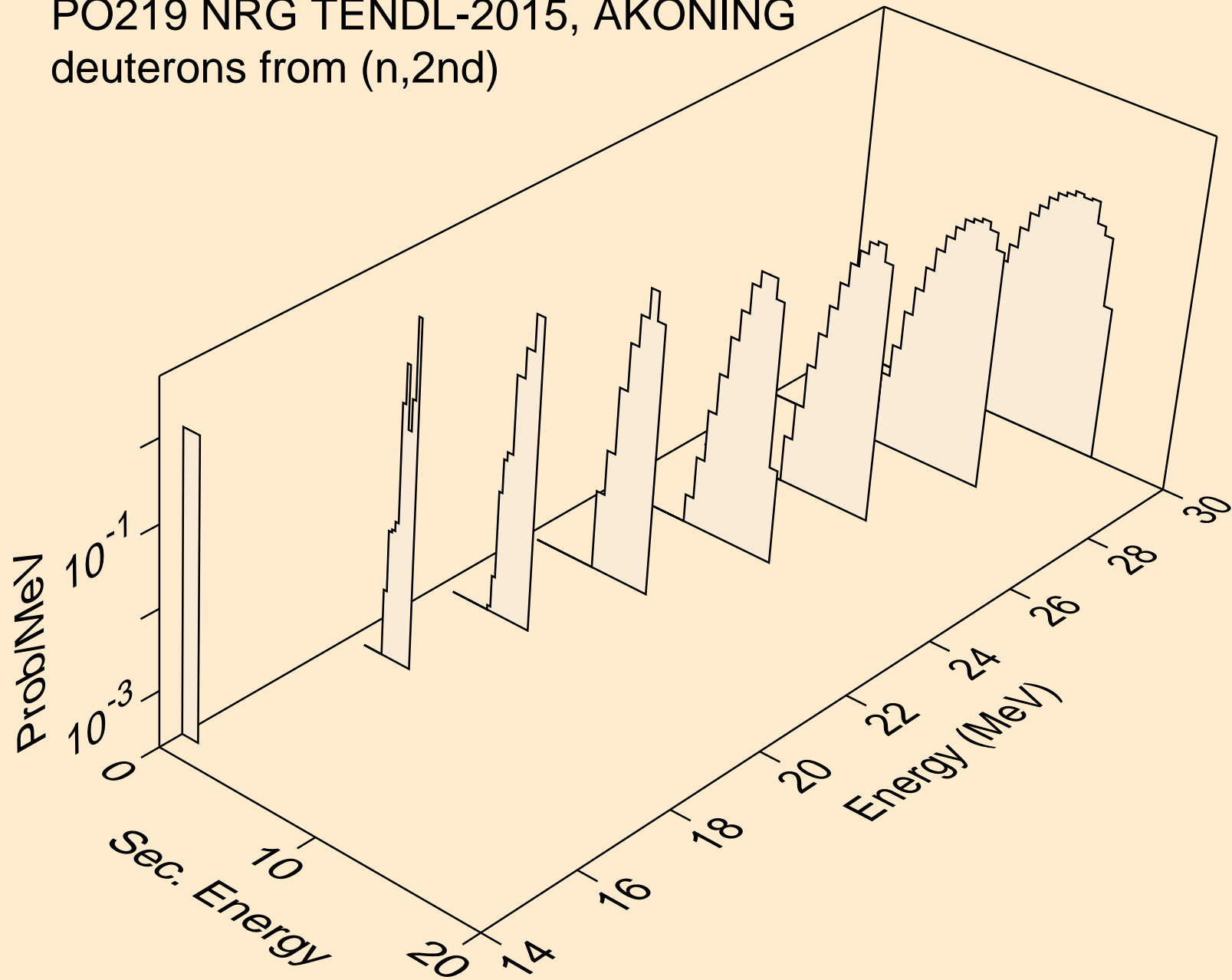
PO219 NRG TENDL-2015, AKONING  
protons from (n,2p)



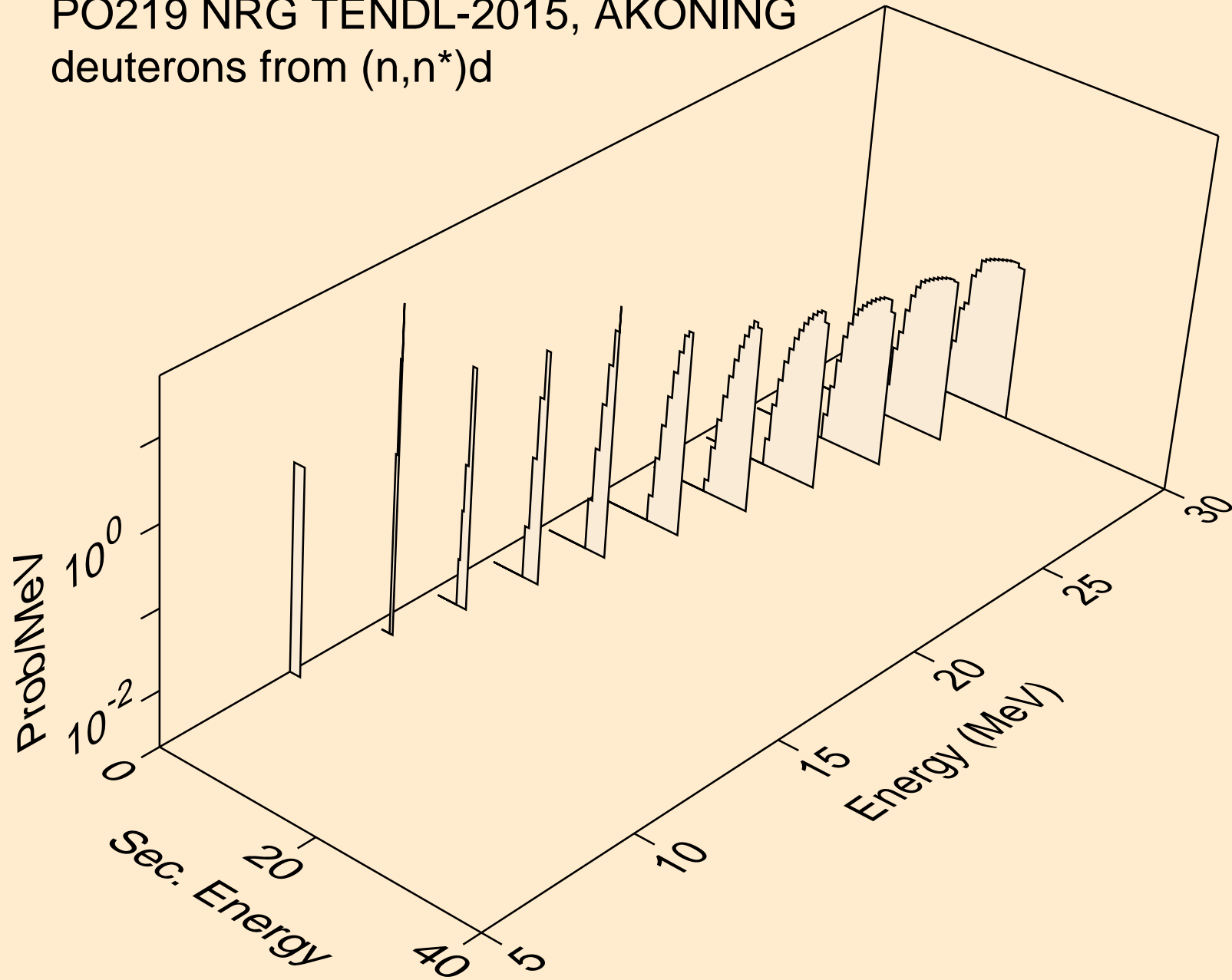
PO219 NRG TENDL-2015, AKONING  
deuterons from (n,x)



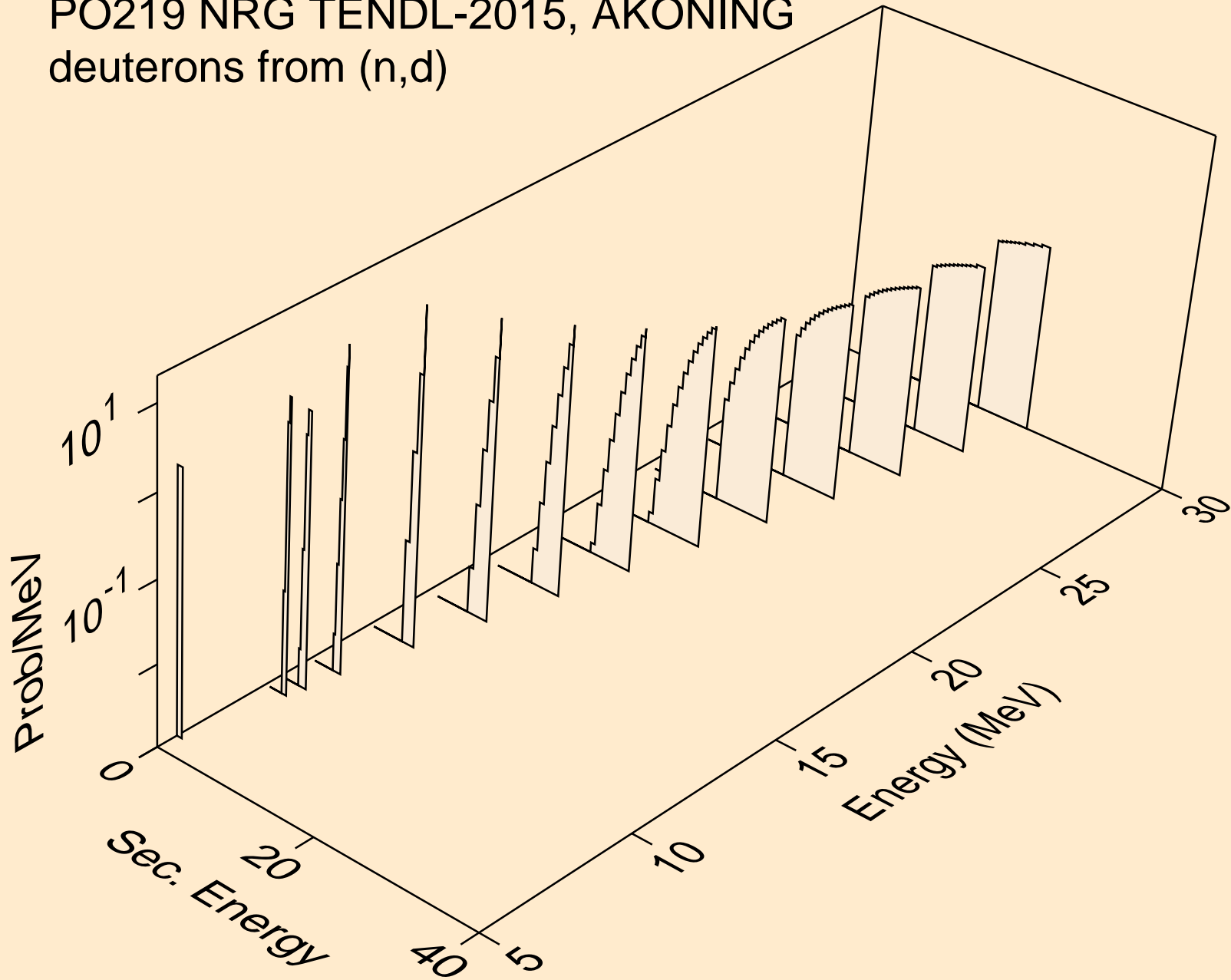
PO219 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



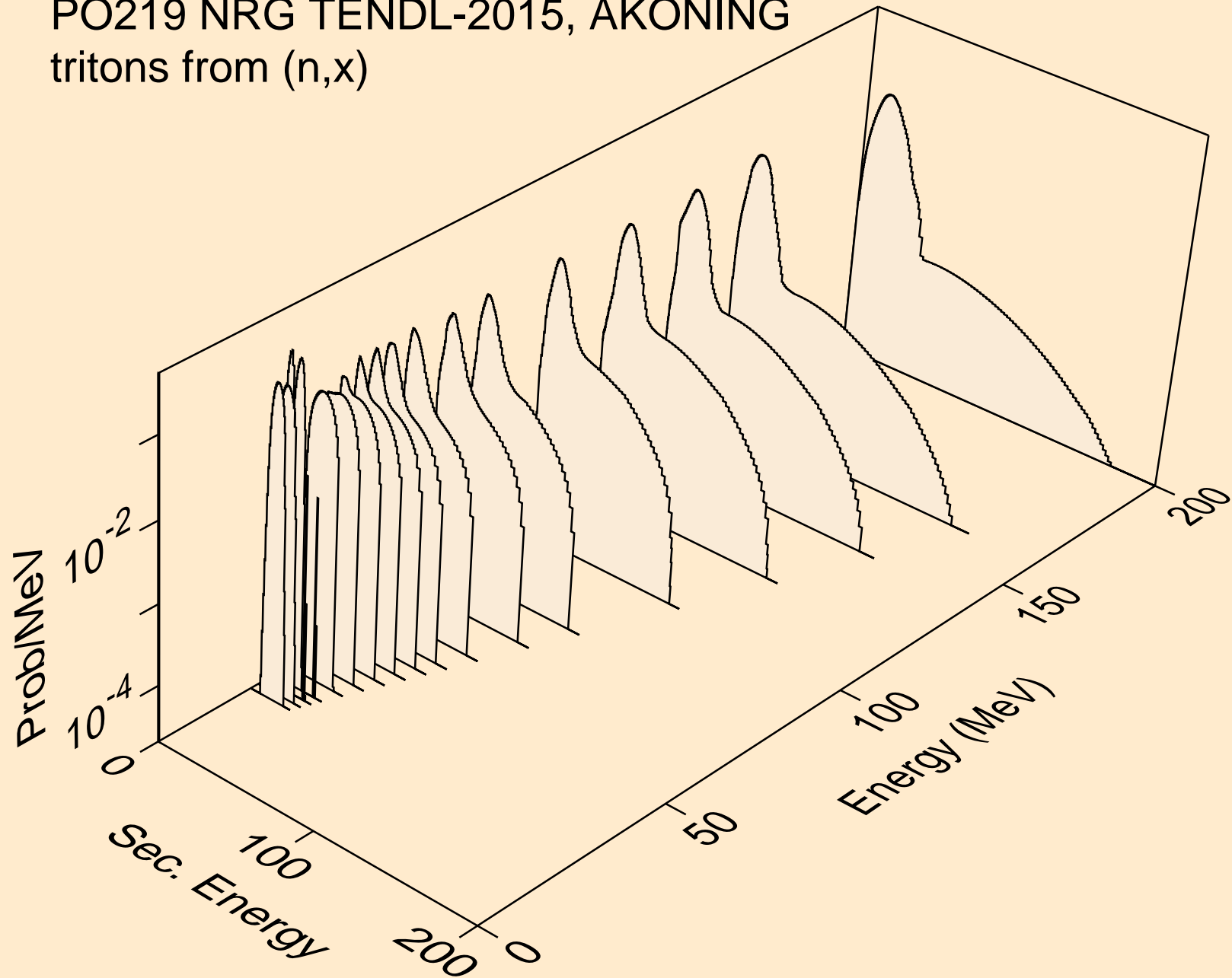
PO219 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



PO219 NRG TENDL-2015, AKONING  
deuterons from (n,d)

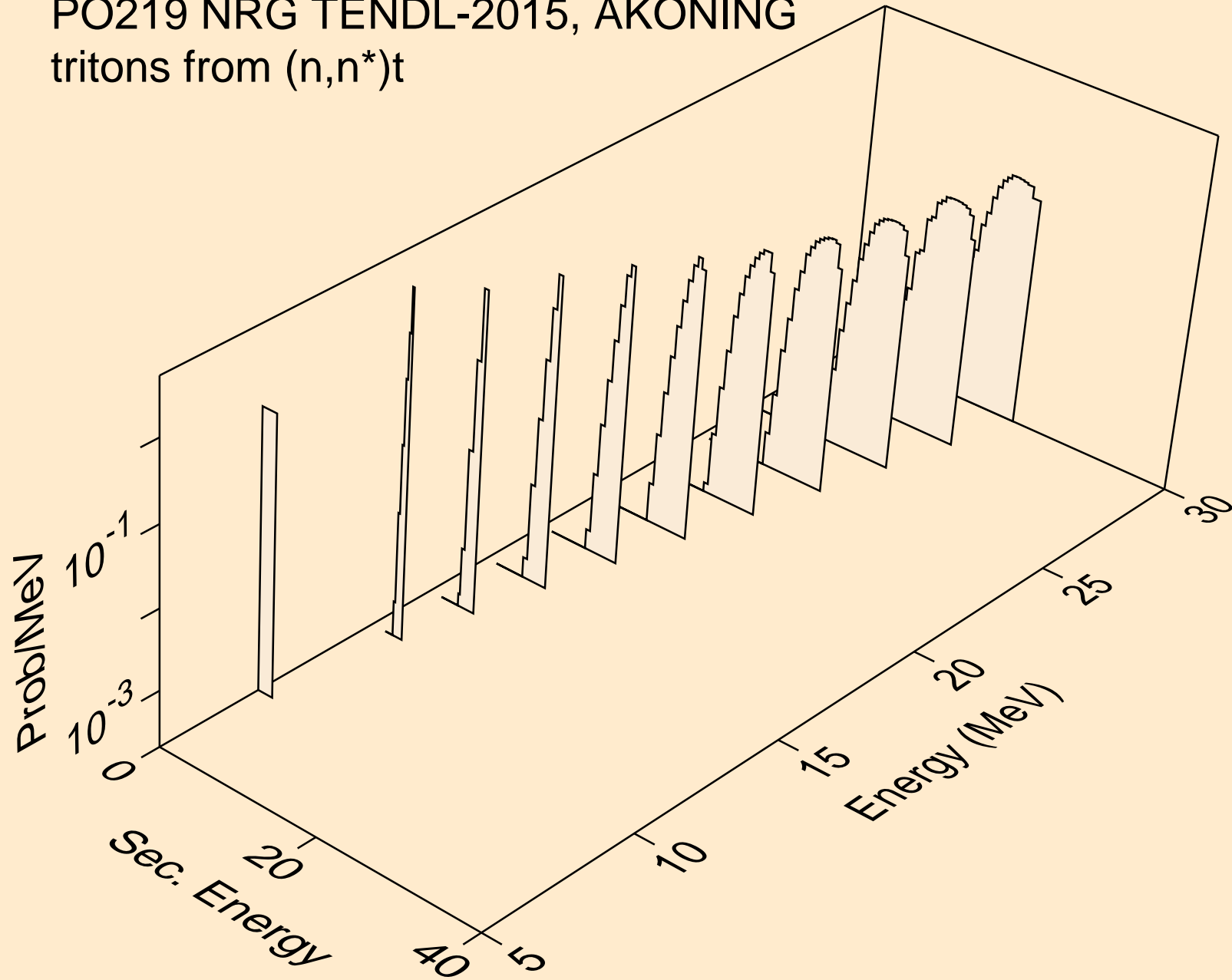


PO219 NRG TENDL-2015, AKONING  
tritons from (n,x)

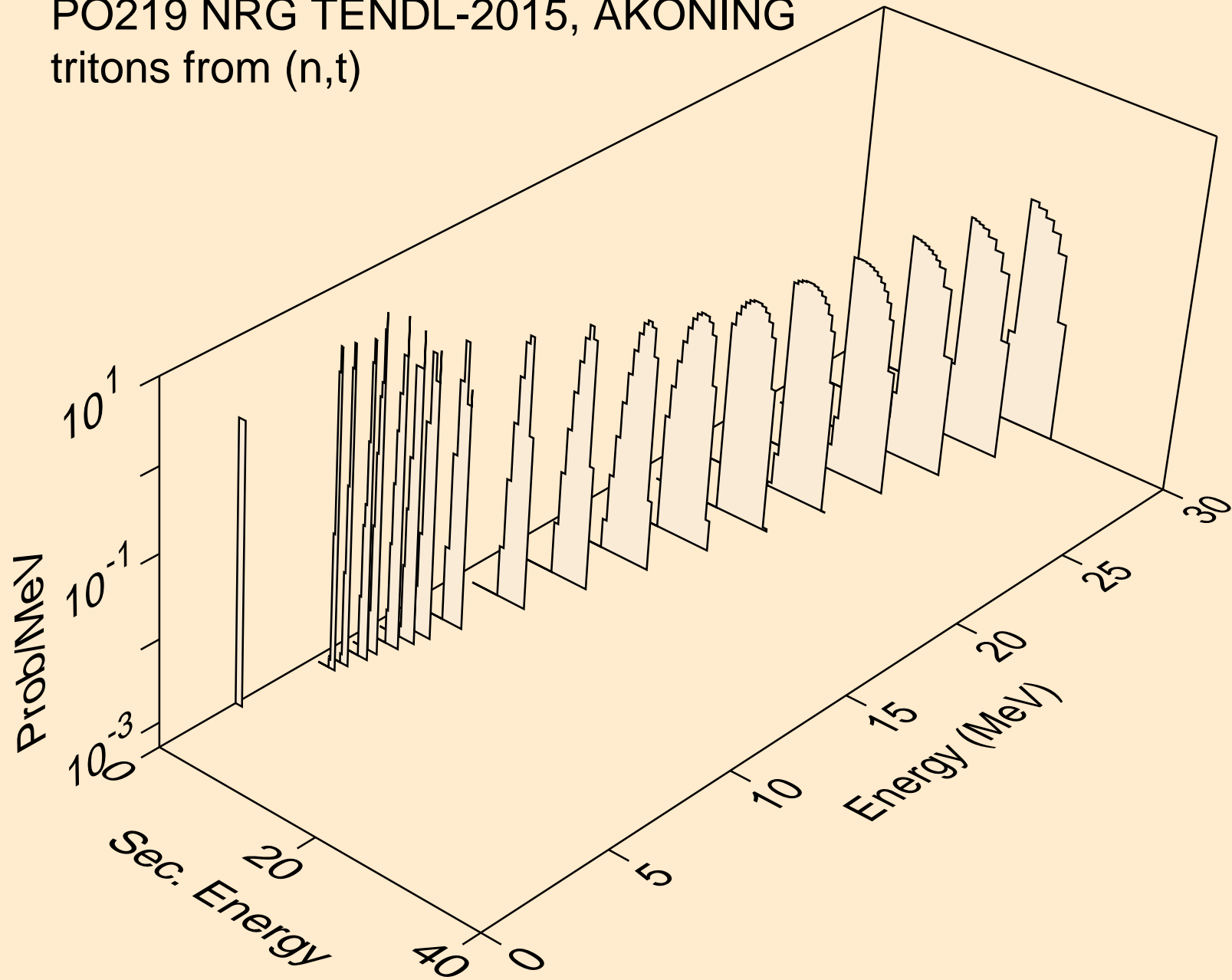




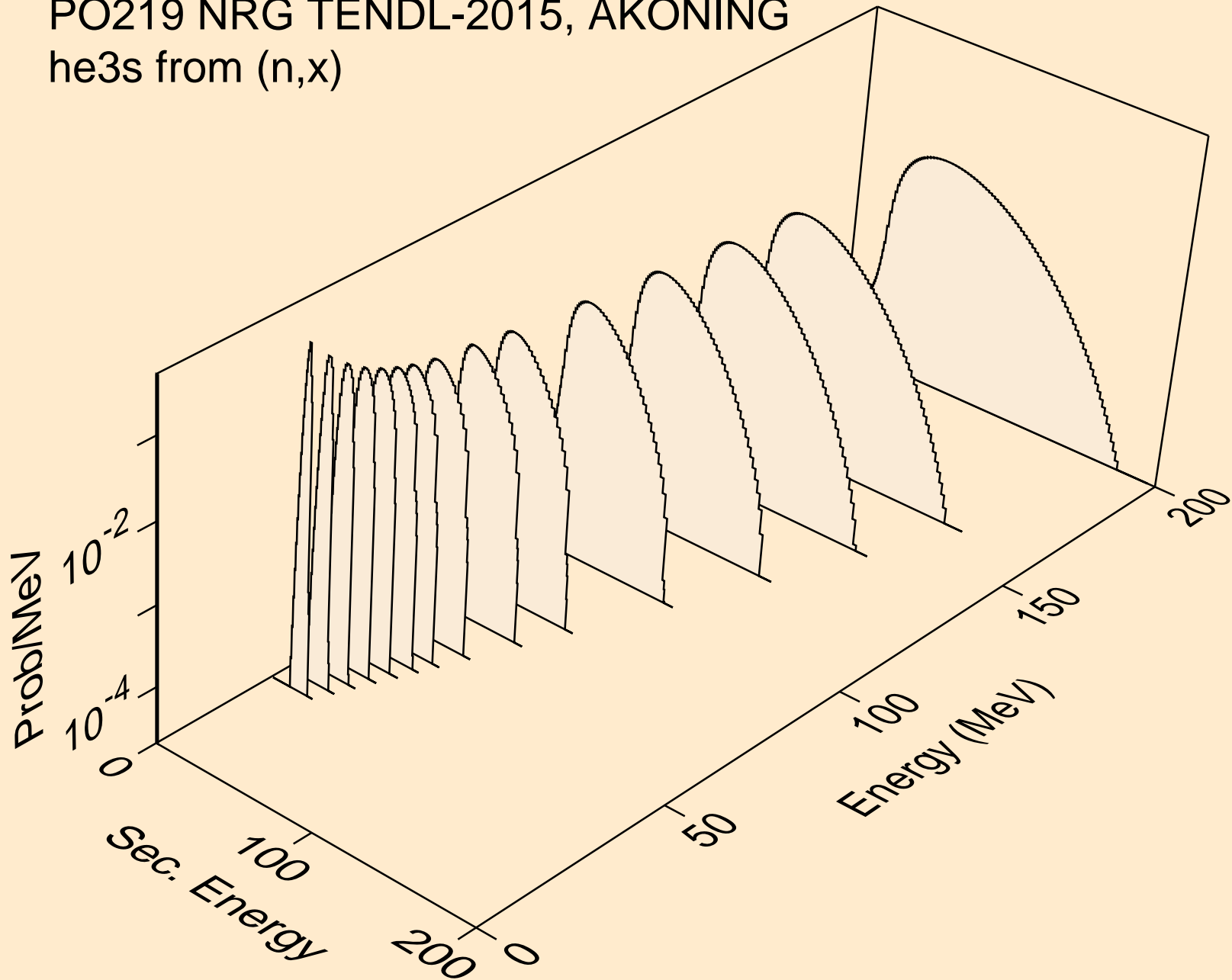
PO219 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



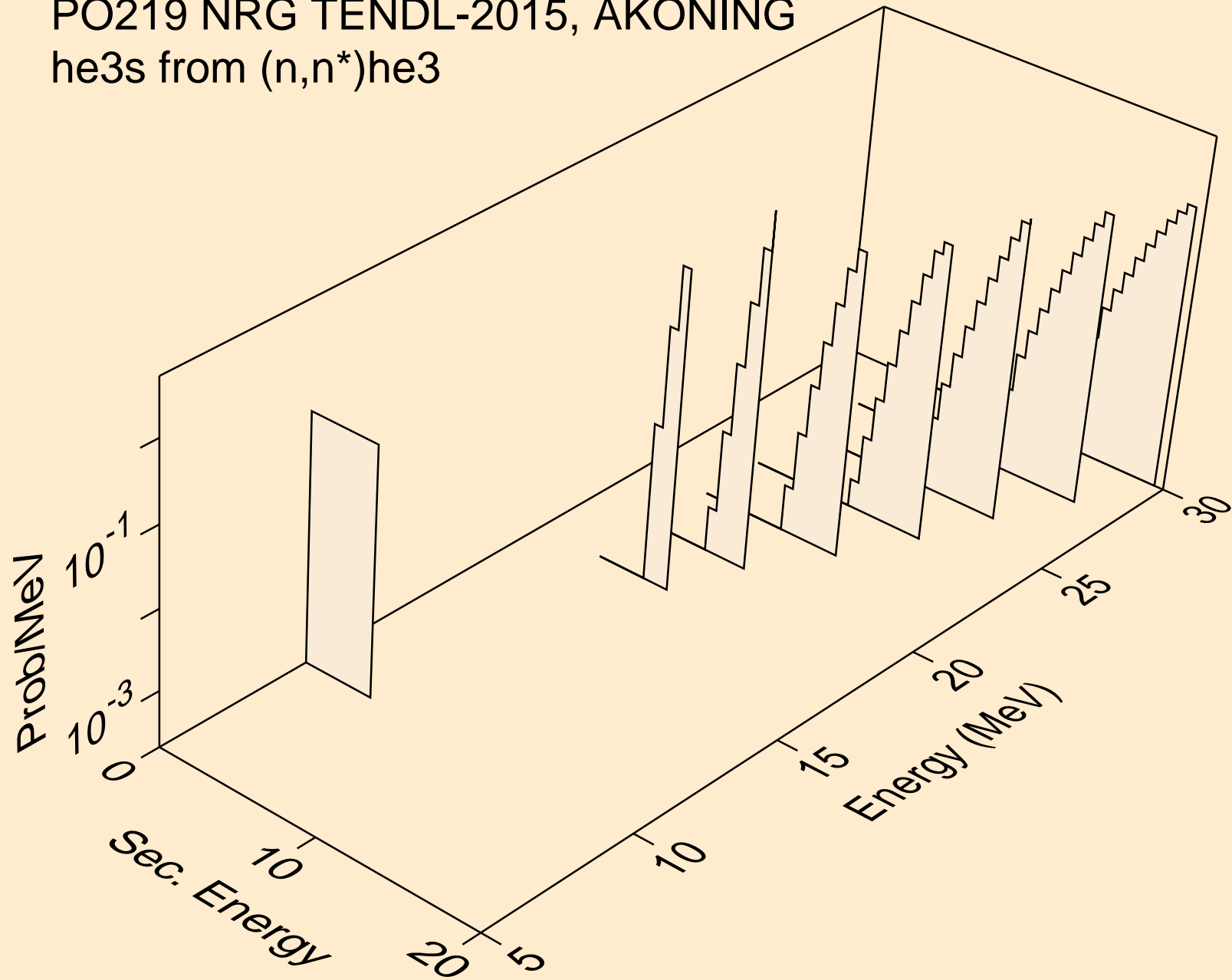
PO219 NRG TENDL-2015, AKONING  
tritons from (n,t)



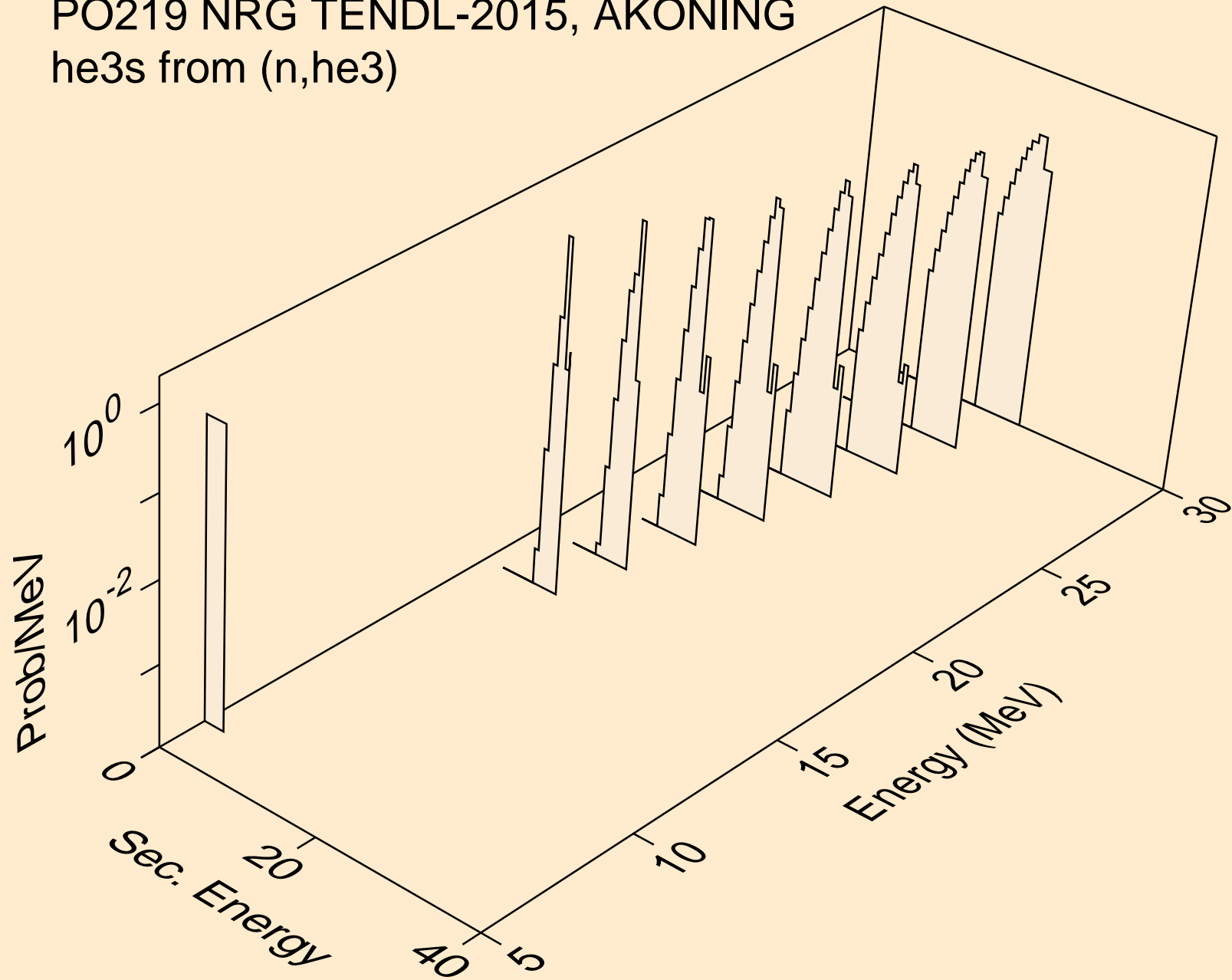
PO219 NRG TENDL-2015, AKONING  
he3s from (n,x)



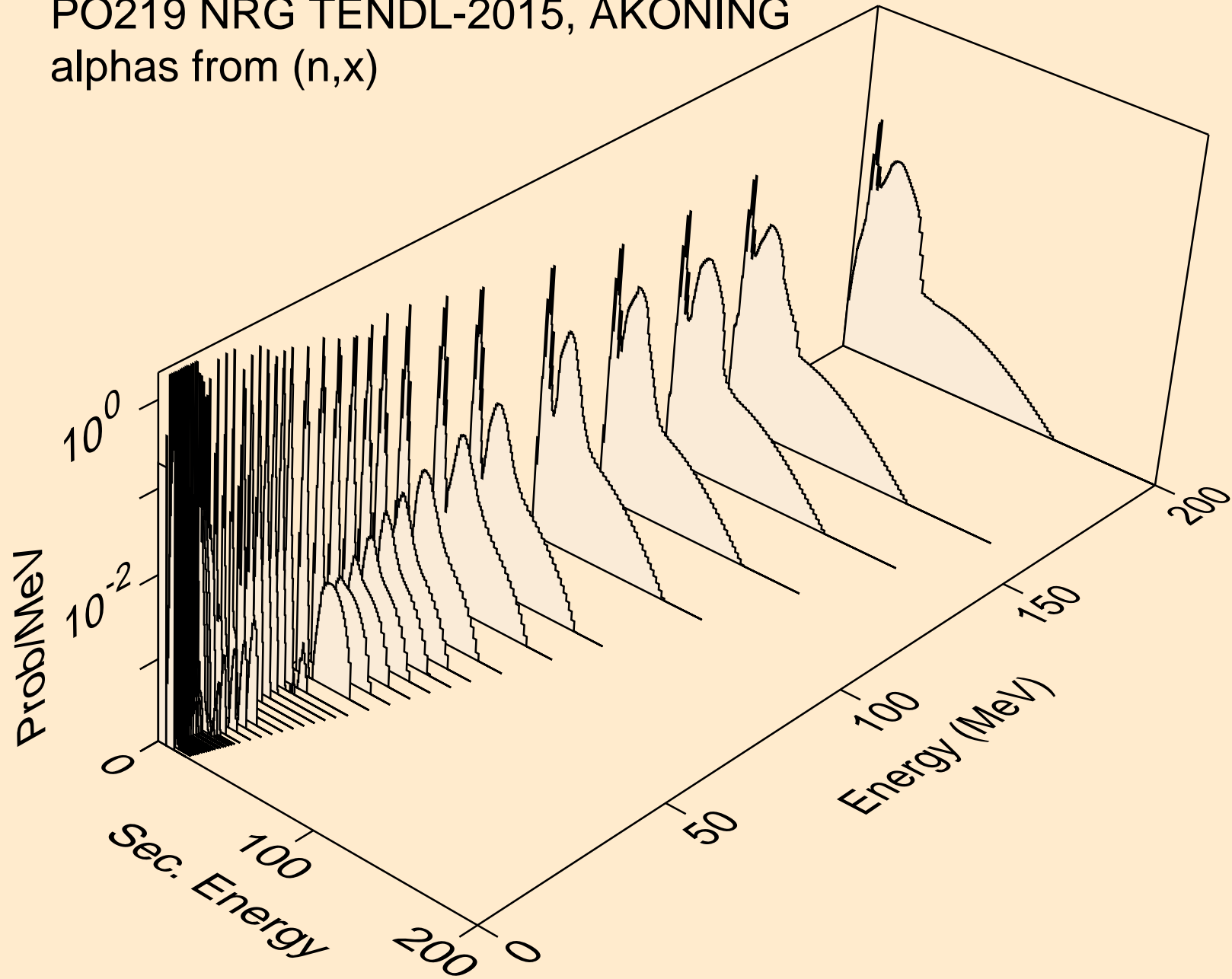
PO219 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



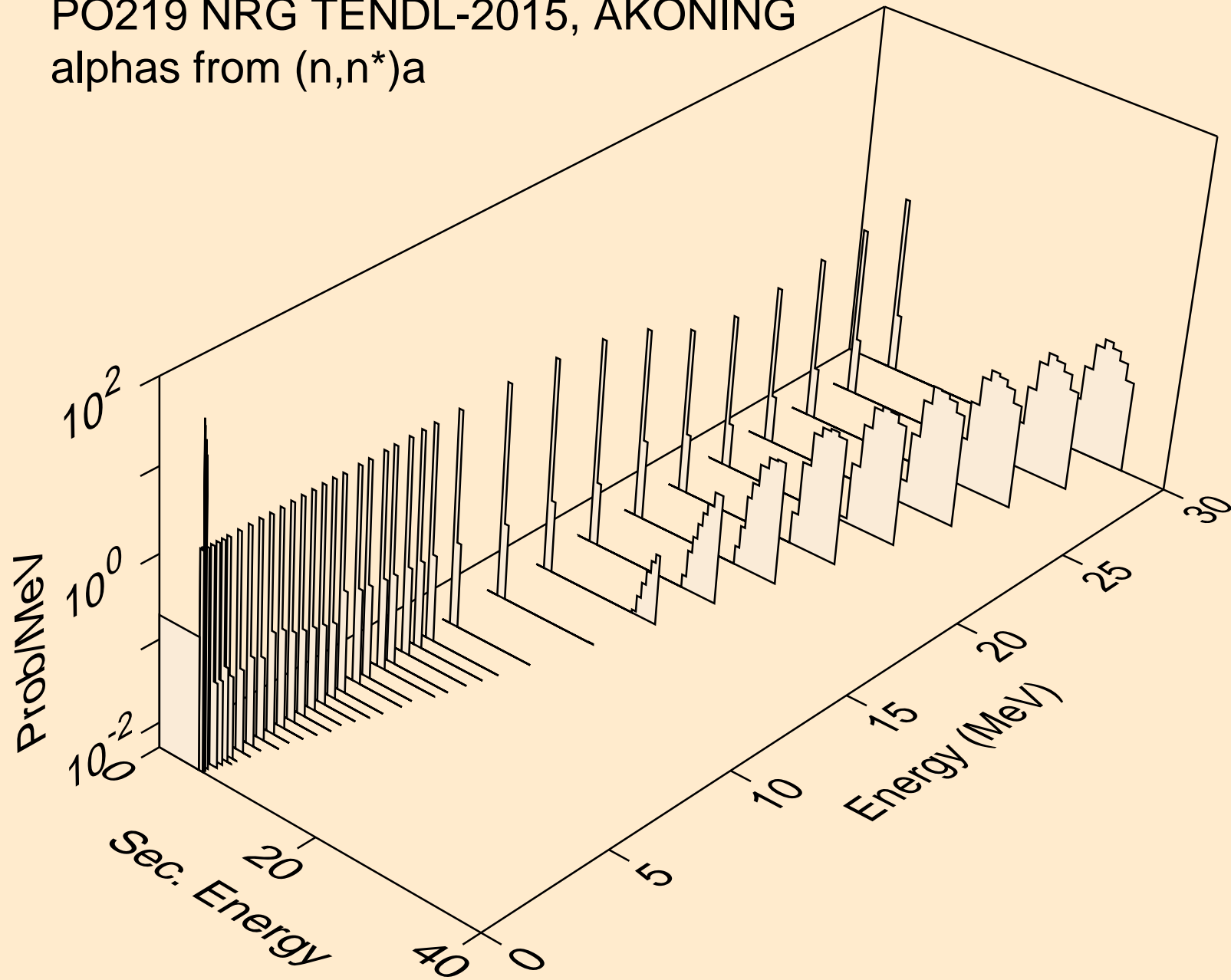
PO219 NRG TENDL-2015, AKONING  
he3s from (n,he3)



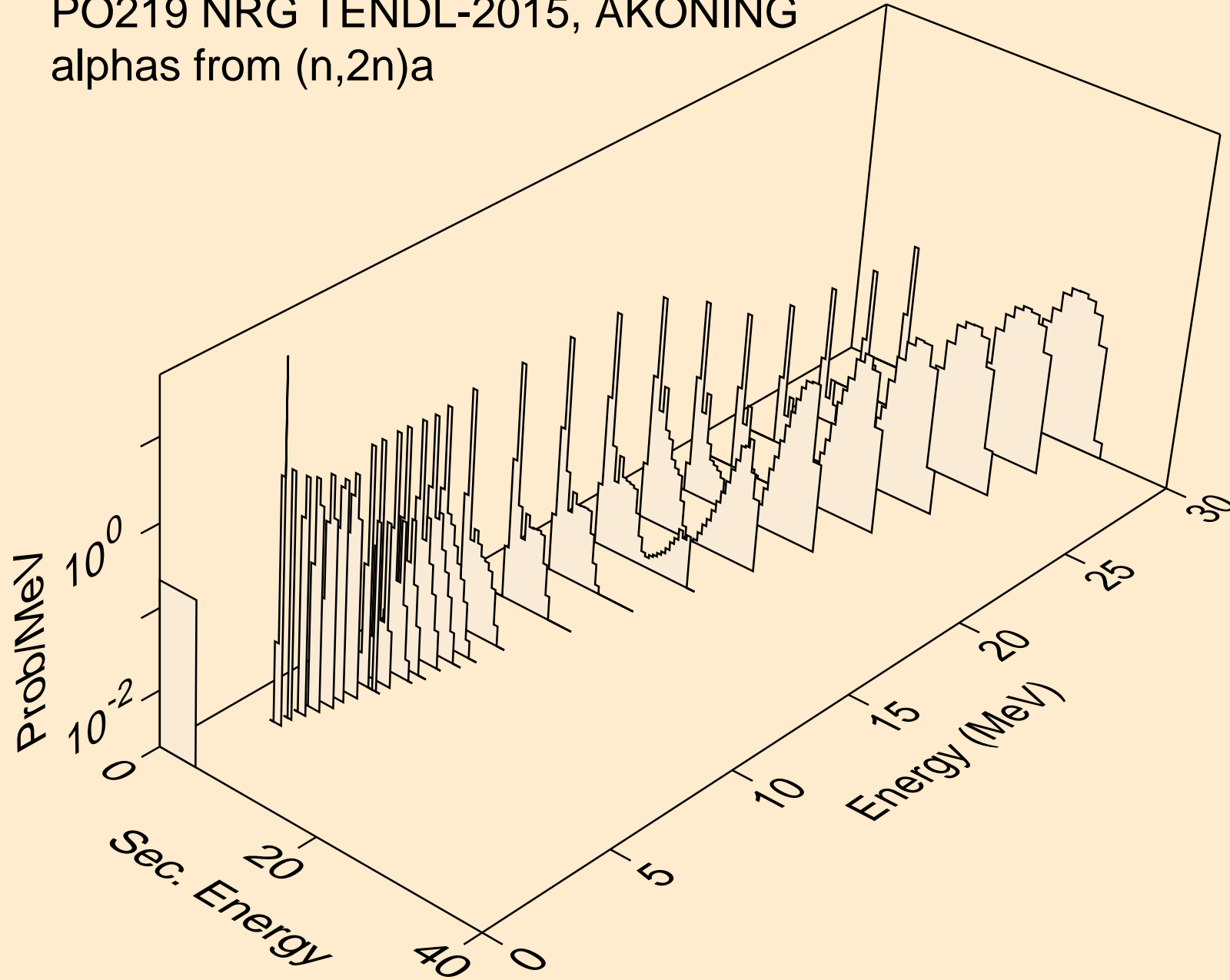
PO219 NRG TENDL-2015, AKONING  
alphas from (n,x)



PO219 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

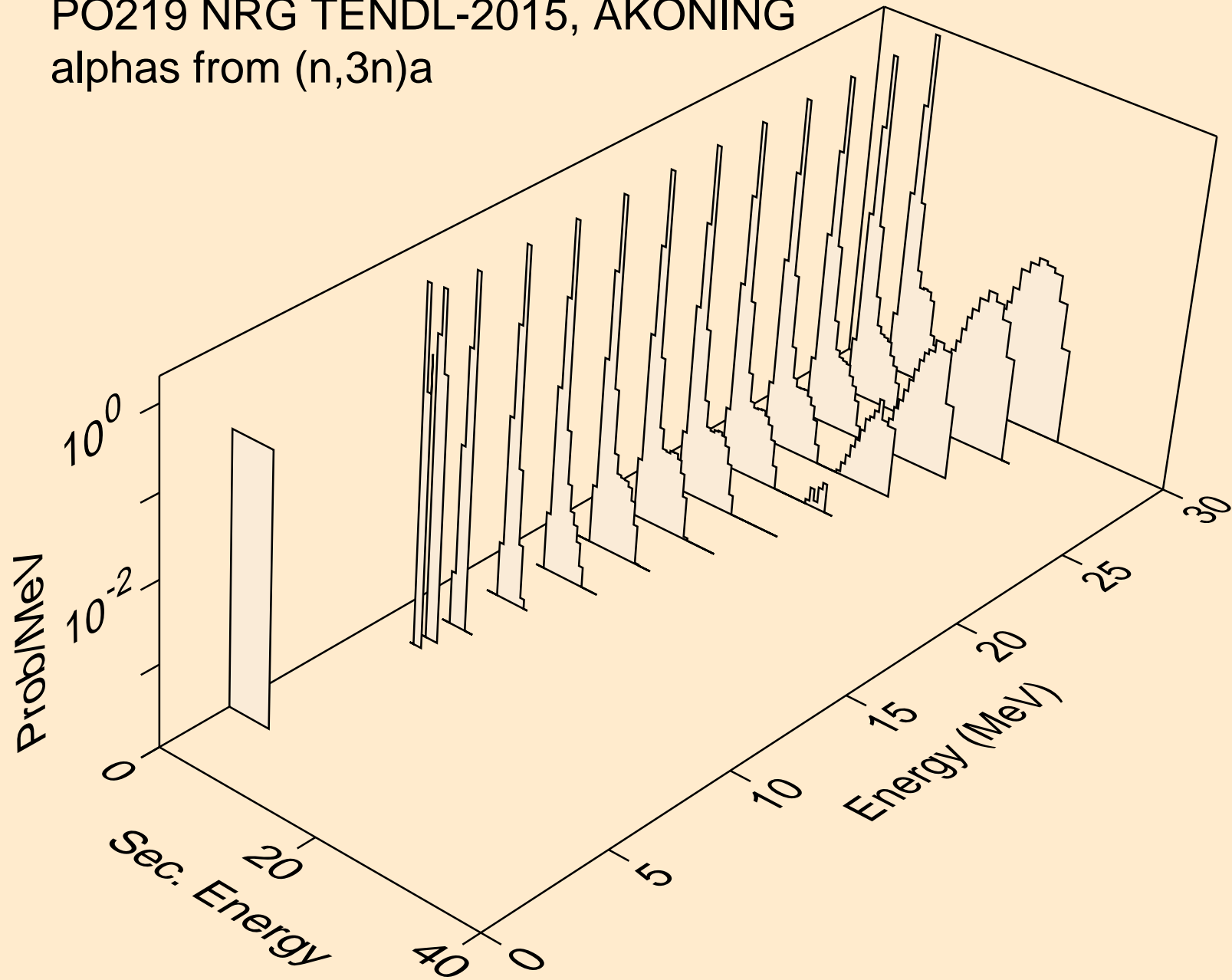


PO219 NRG TENDL-2015, AKONING  
alphas from (n,2n)a





PO219 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



PO219 NRG TENDL-2015, AKONING  
alphas from (n,a)

