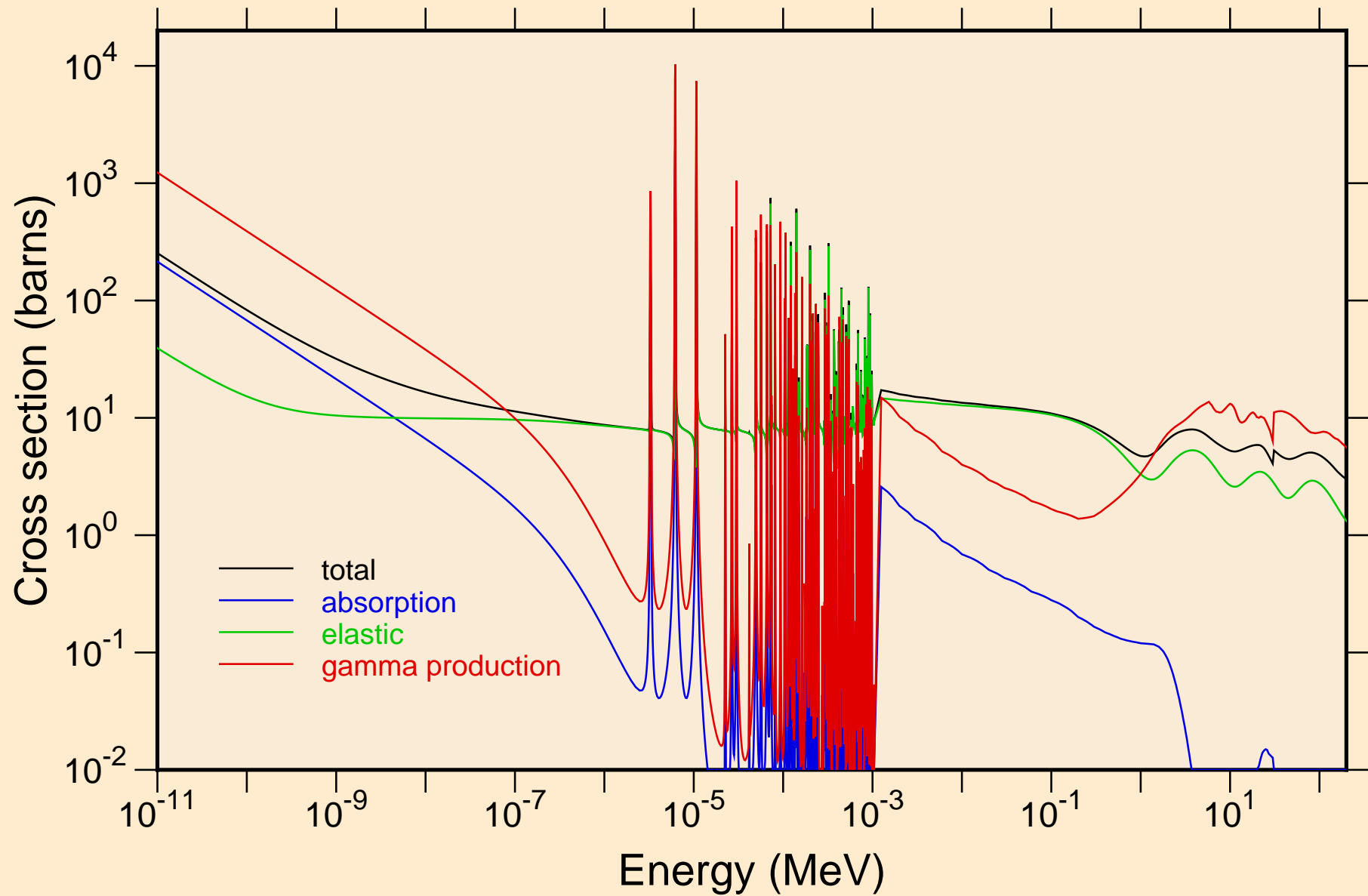
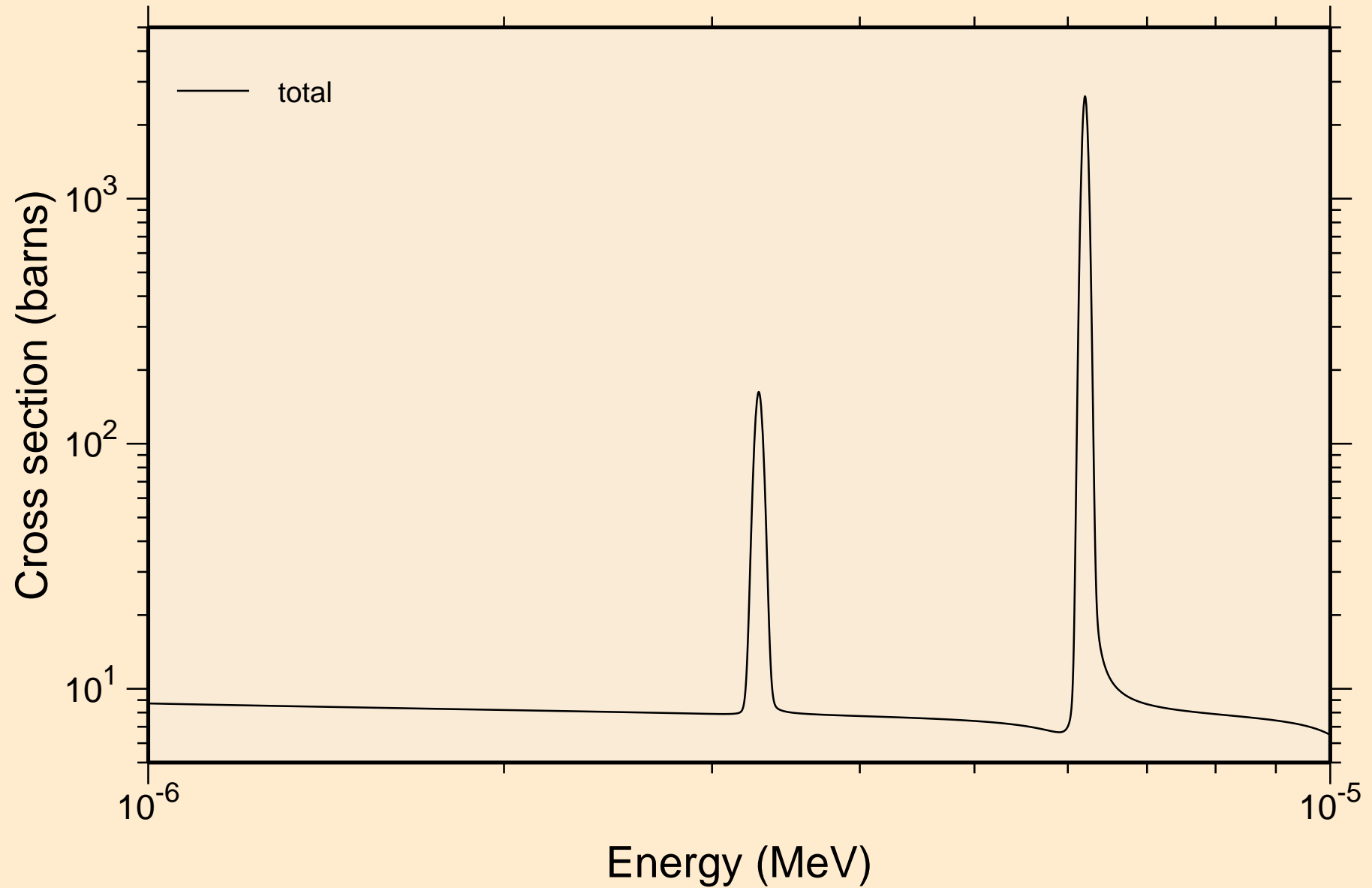


# AT223 NRG TENDL-2015, AKONING

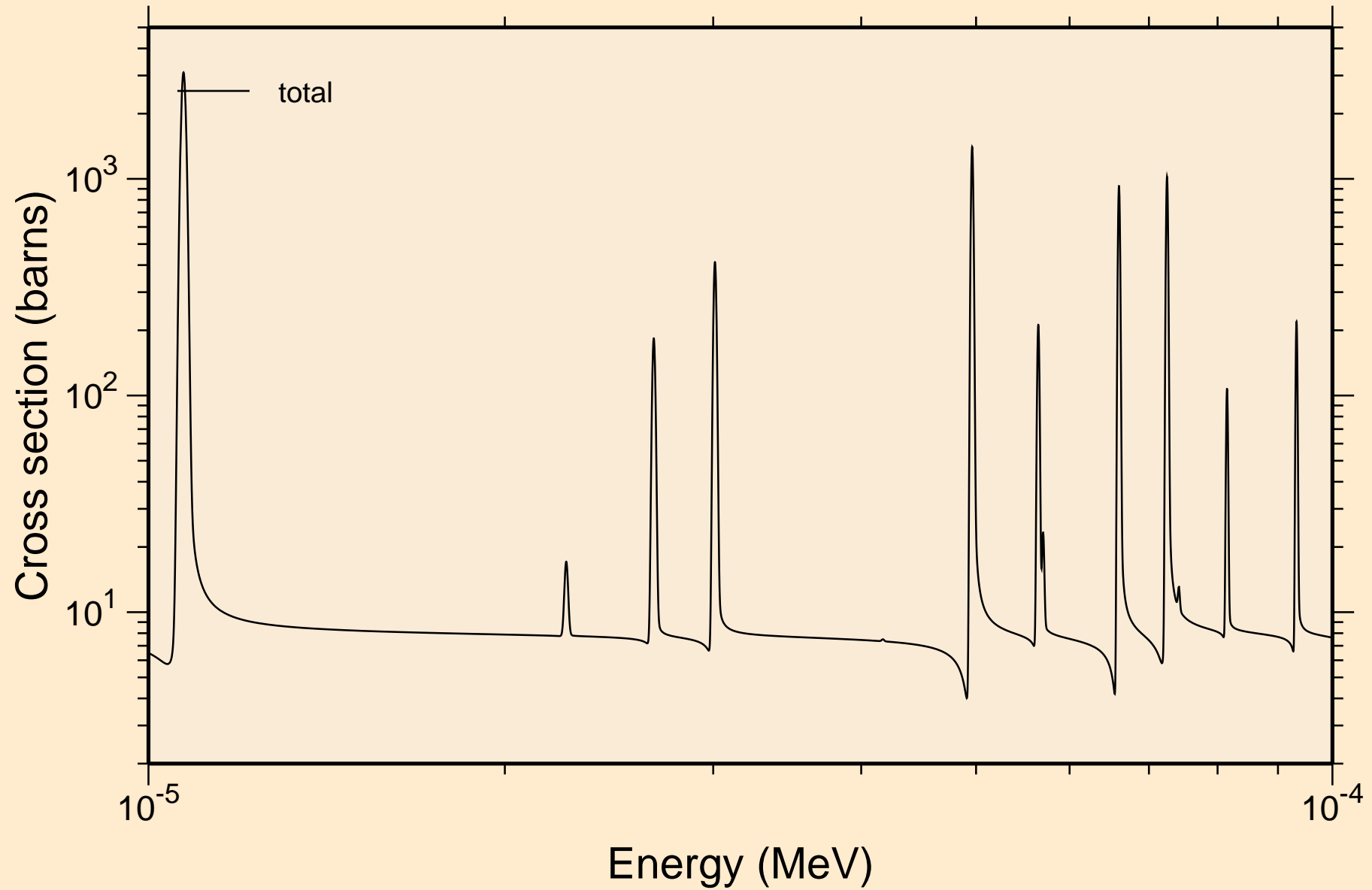
## Principal cross sections



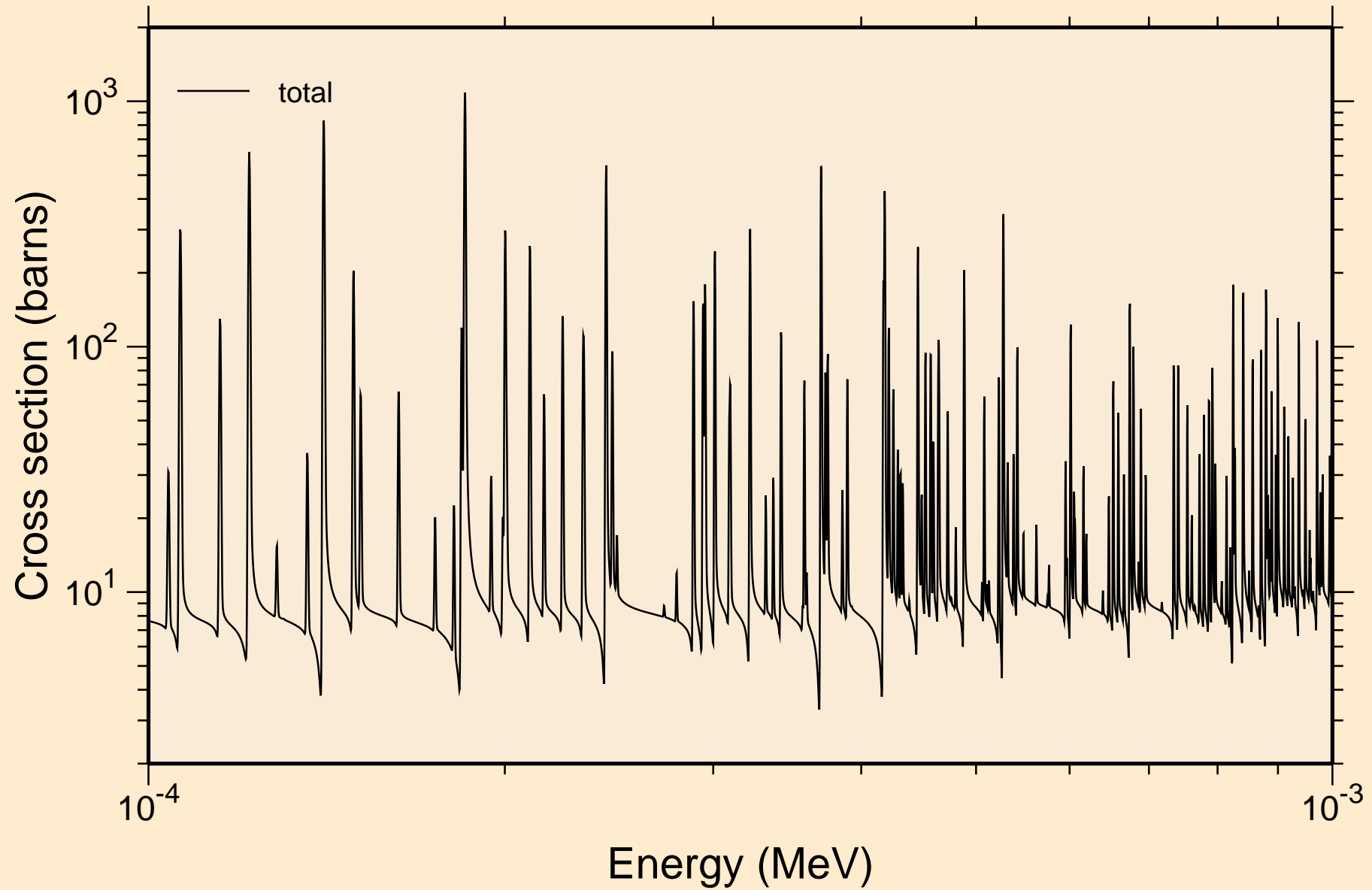
AT223 NRG TENDL-2015, AKONING  
resonance total cross section



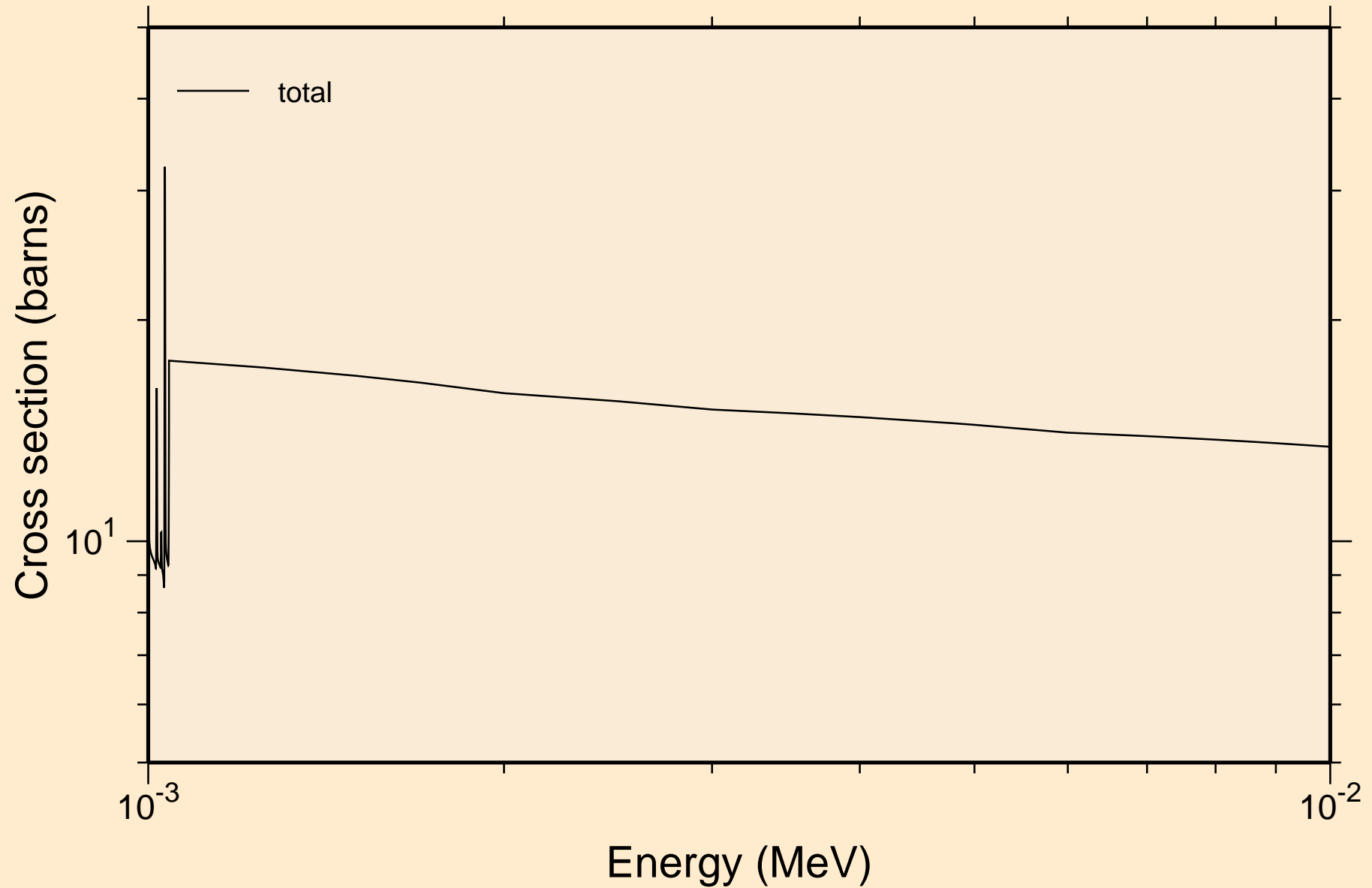
AT223 NRG TENDL-2015, AKONING  
resonance total cross section



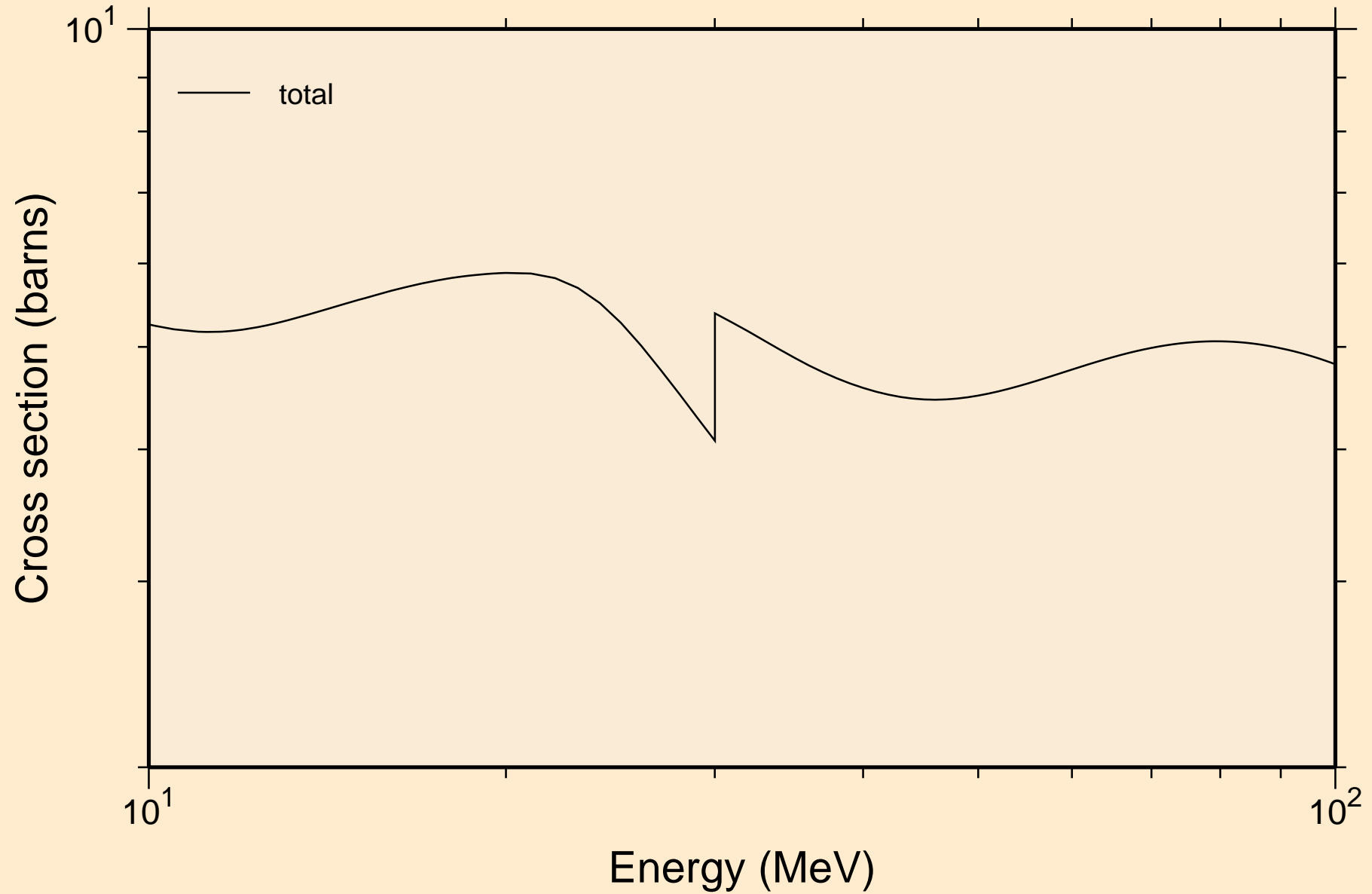
AT223 NRG TENDL-2015, AKONING  
resonance total cross section



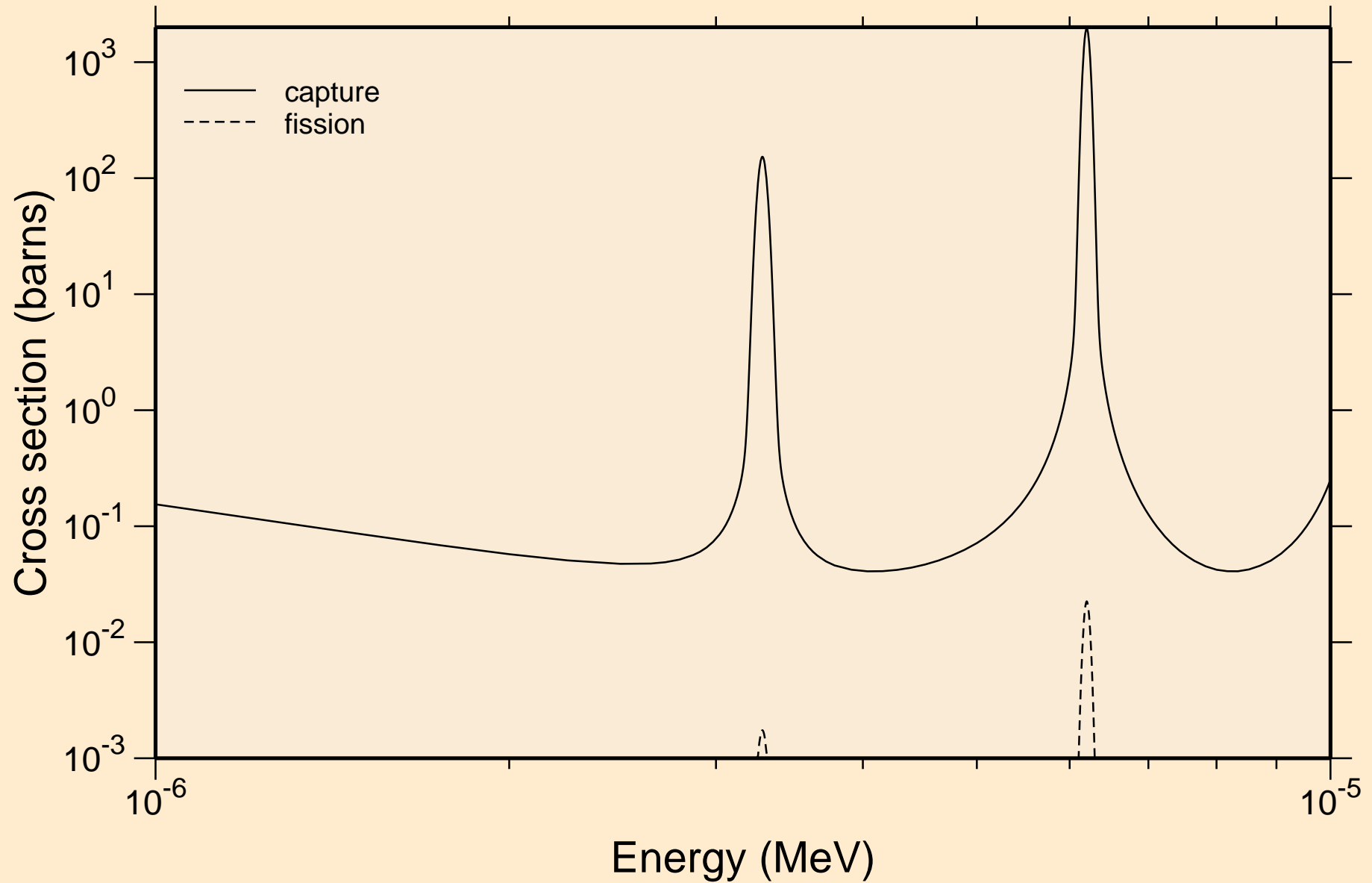
AT223 NRG TENDL-2015, AKONING  
resonance total cross section



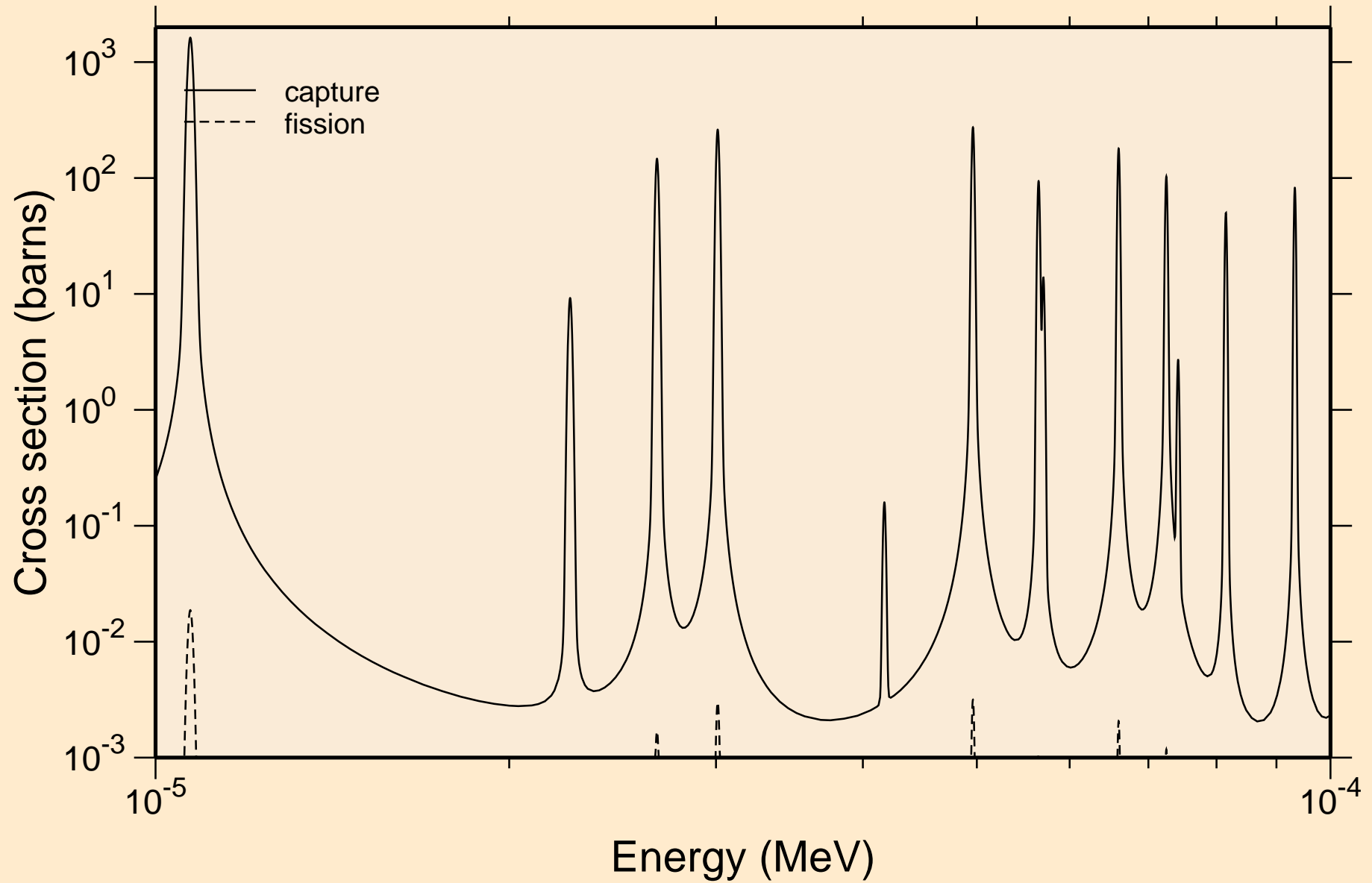
AT223 NRG TENDL-2015, AKONING  
resonance total cross section



AT223 NRG TENDL-2015, AKONING  
resonance absorption cross sections

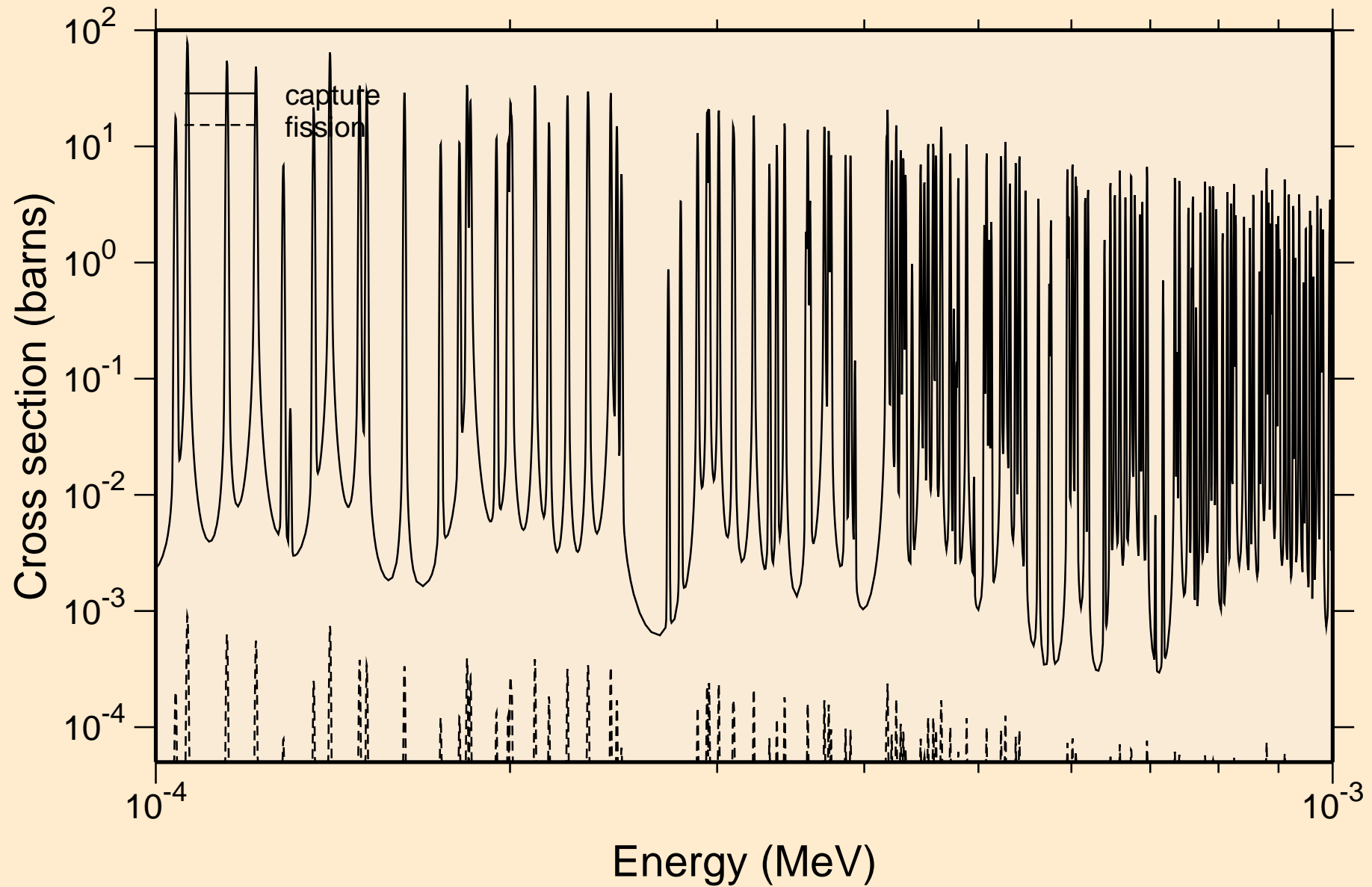


# AT223 NRG TENDL-2015, AKONING resonance absorption cross sections

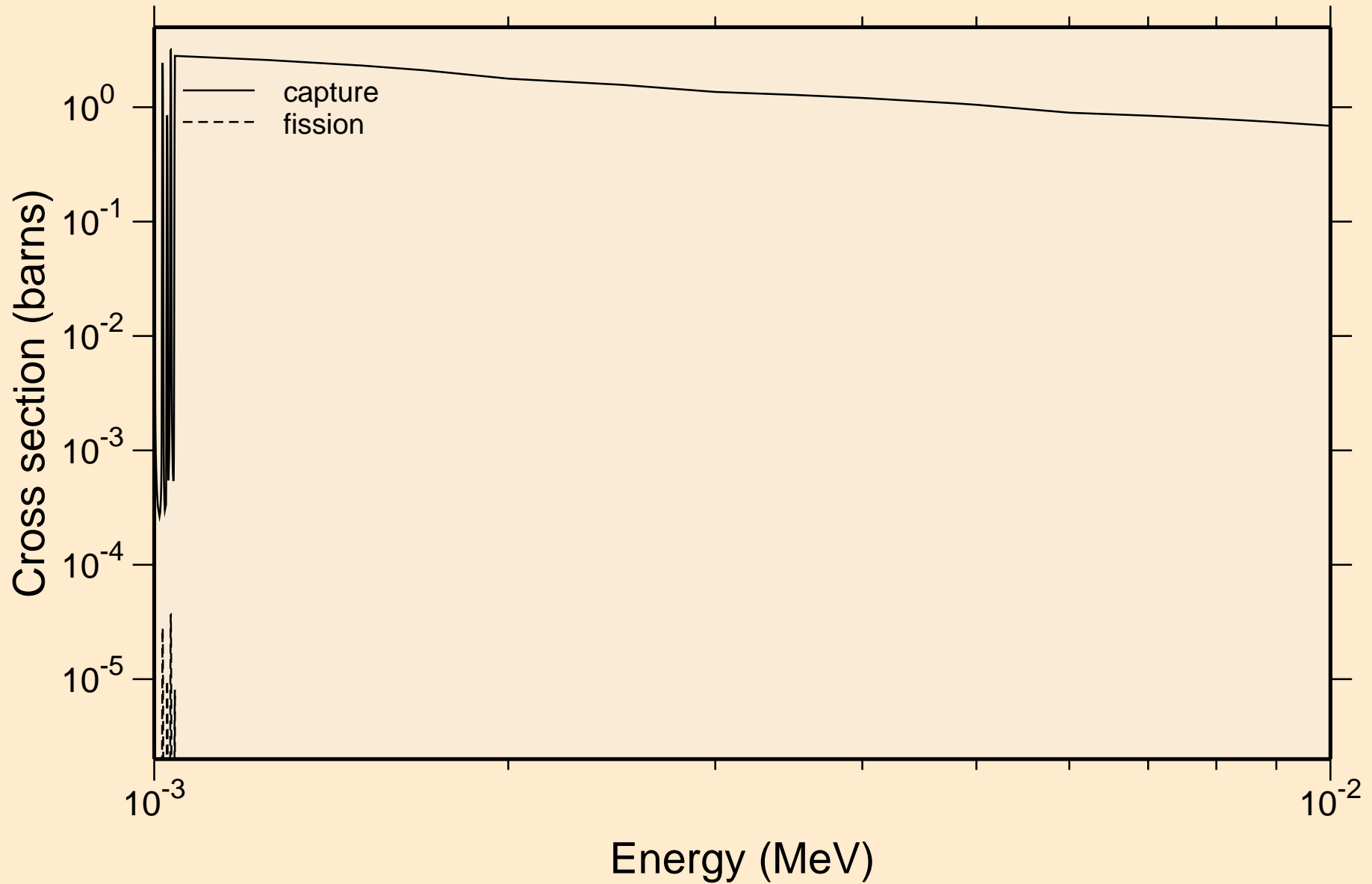




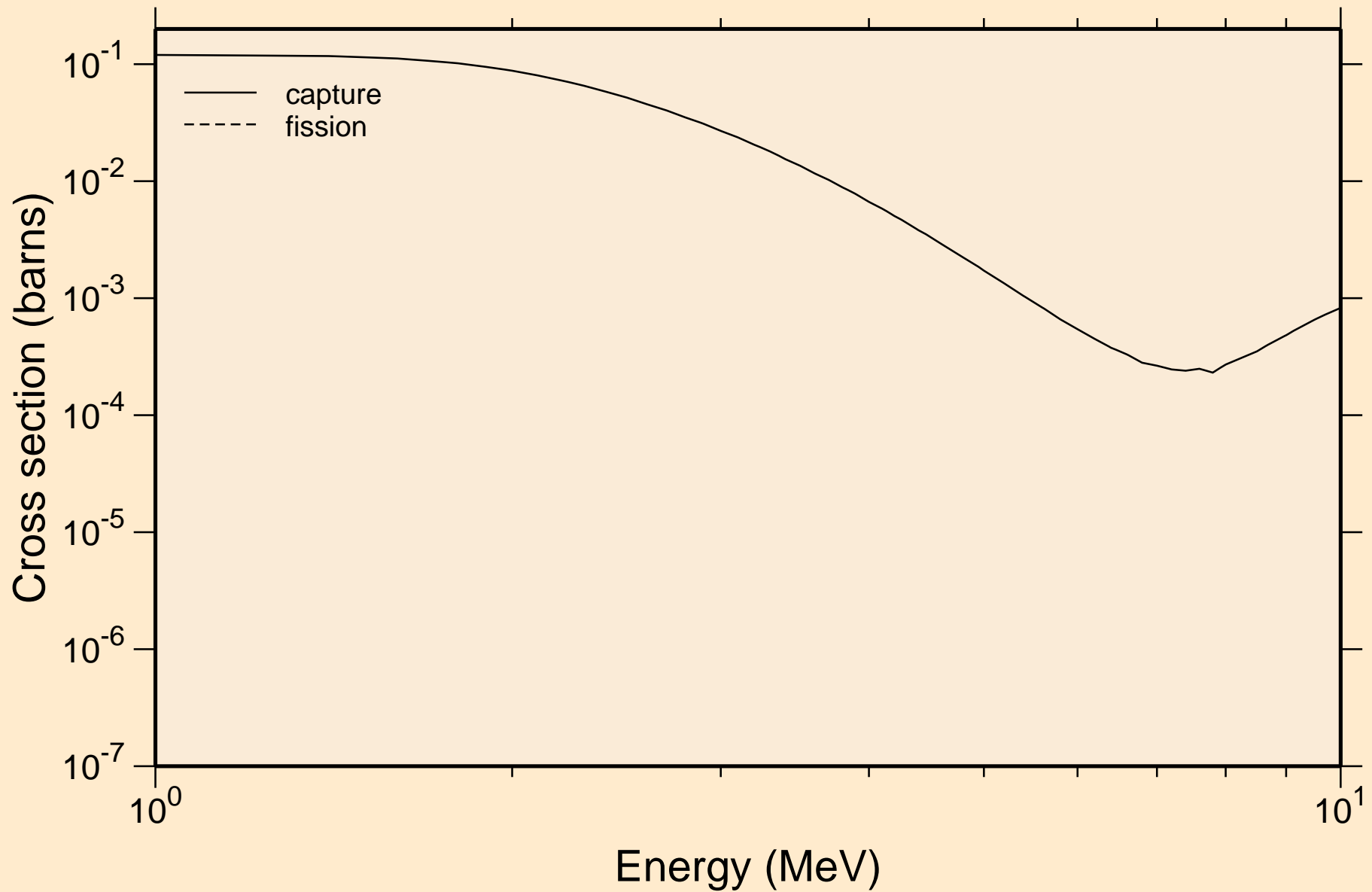
AT223 NRG TENDL-2015, AKONING  
resonance absorption cross sections



AT223 NRG TENDL-2015, AKONING  
resonance absorption cross sections

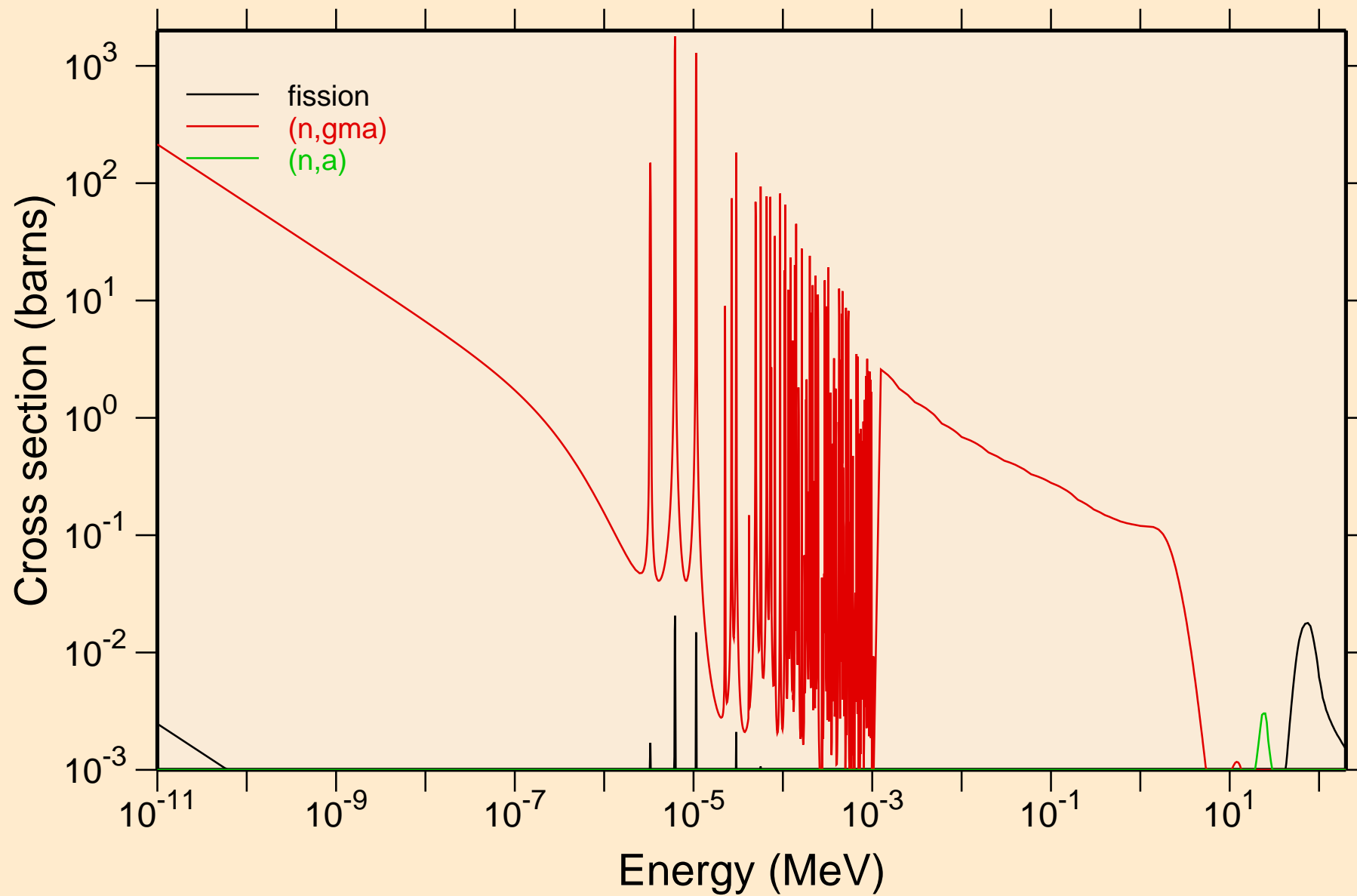


AT223 NRG TENDL-2015, AKONING  
resonance absorption cross sections



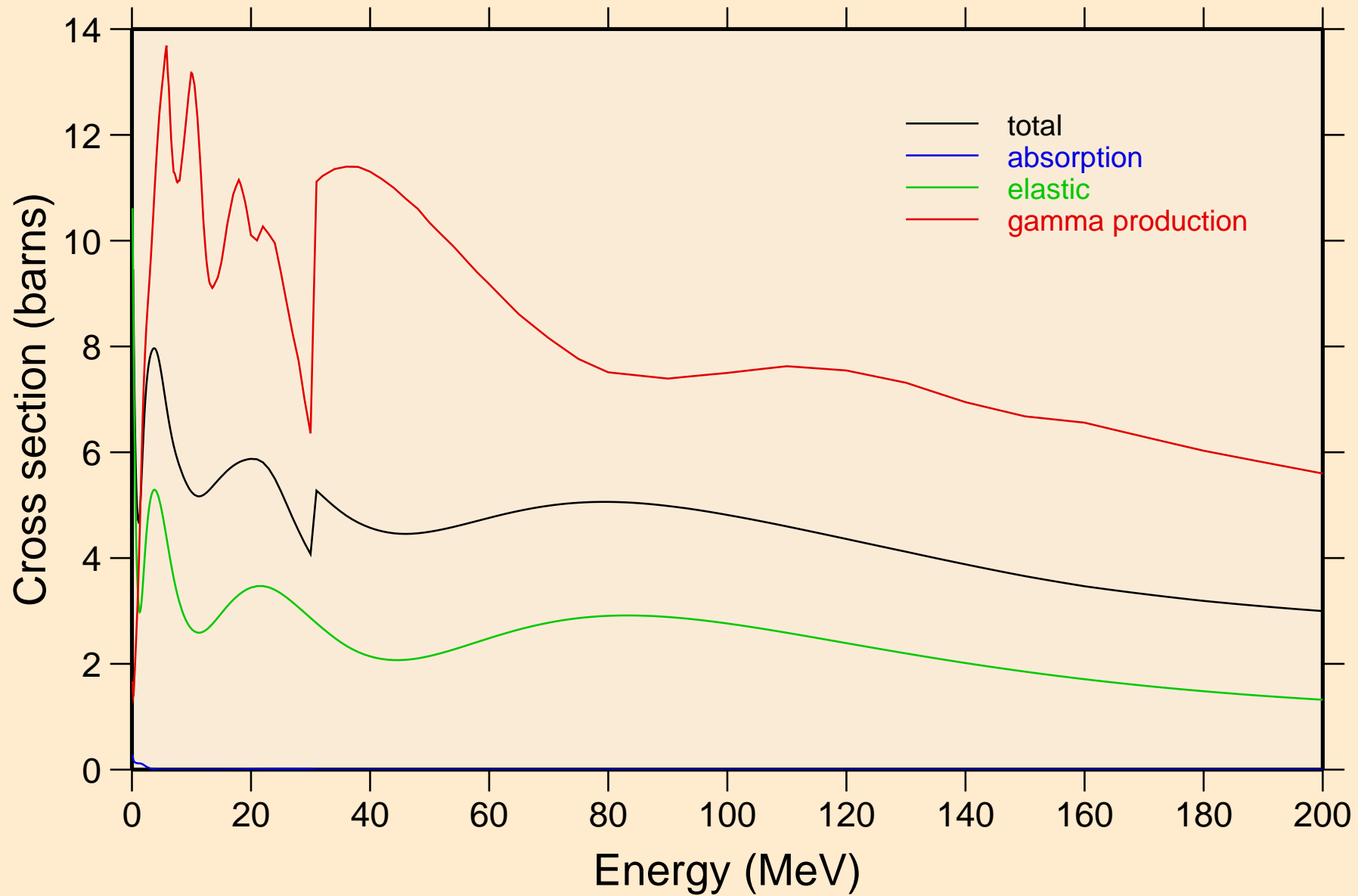
# AT223 NRG TENDL-2015, AKONING

## Non-threshold reactions



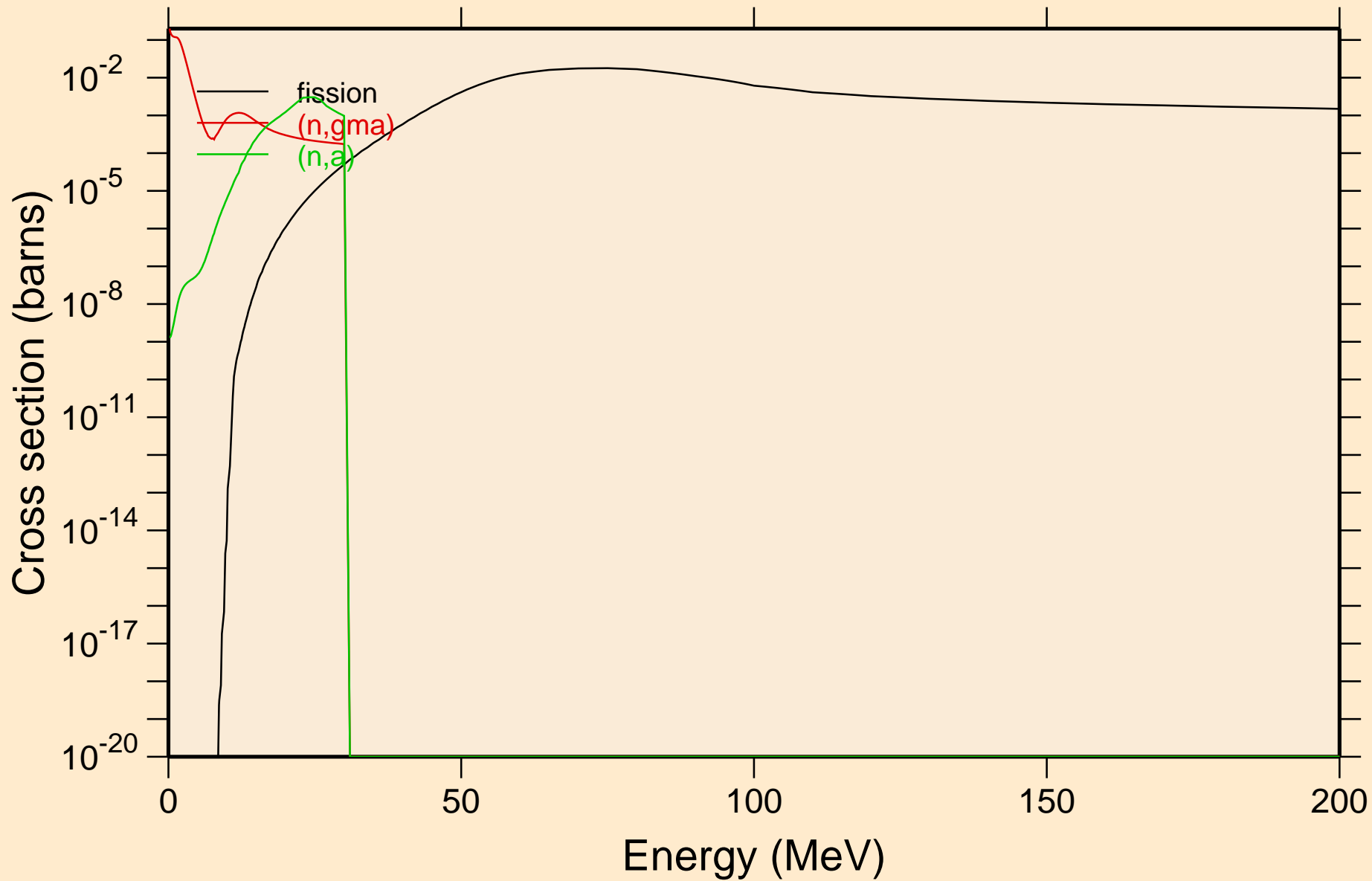
# AT223 NRG TENDL-2015, AKONING

## Principal cross sections

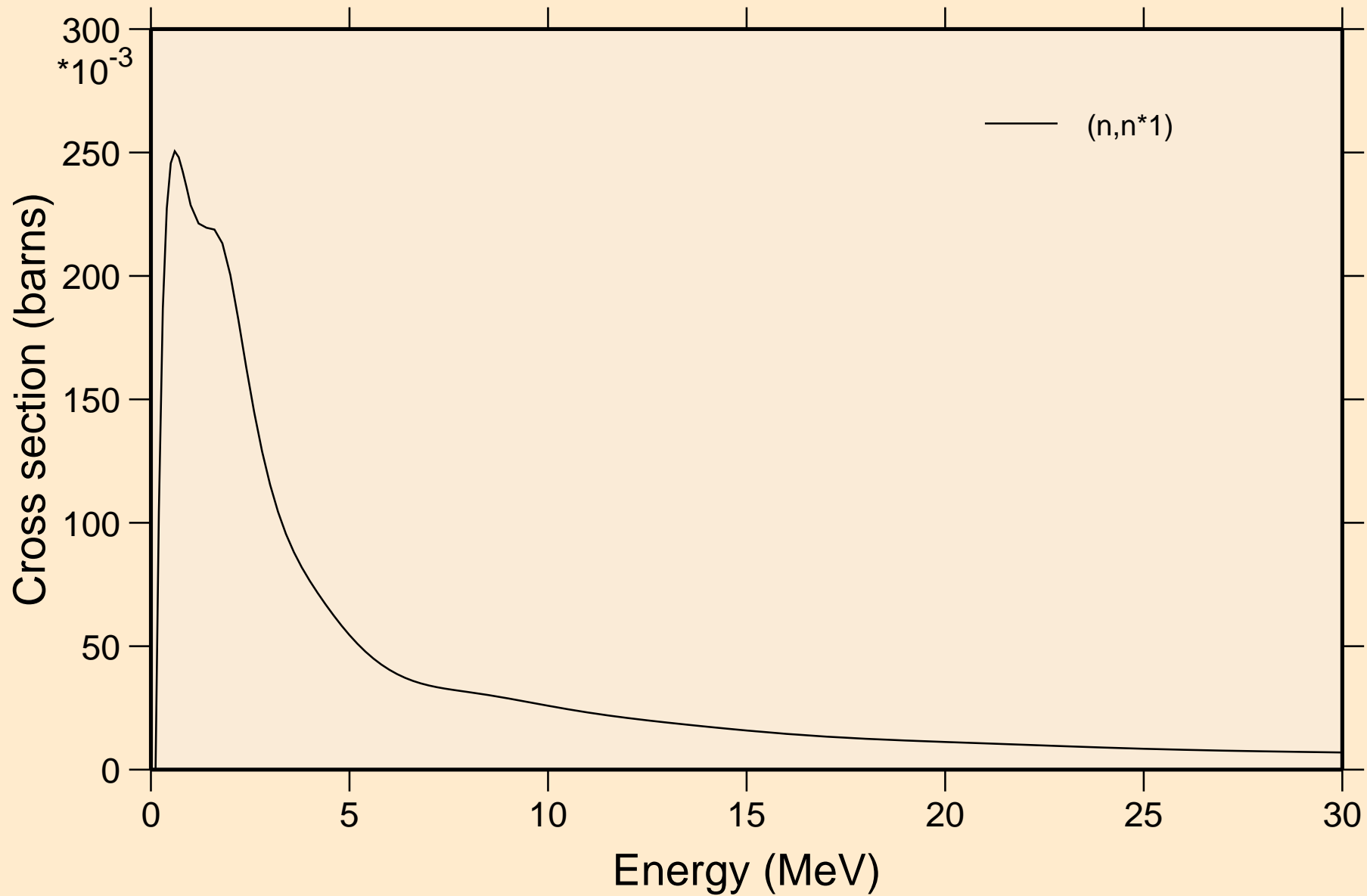


# AT223 NRG TENDL-2015, AKONING

## Non-threshold reactions

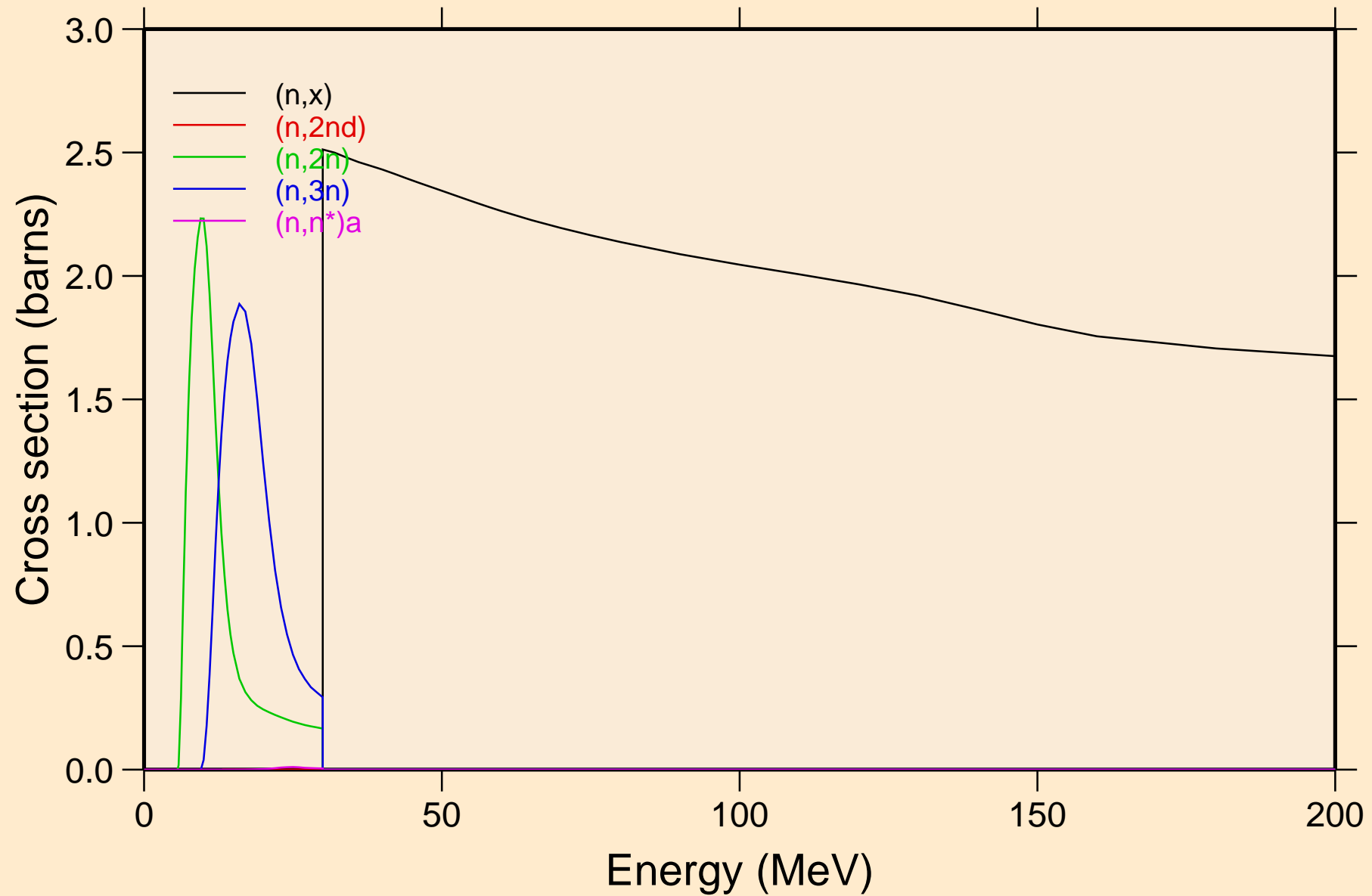


AT223 NRG TENDL-2015, AKONING  
Inelastic levels



# AT223 NRG TENDL-2015, AKONING

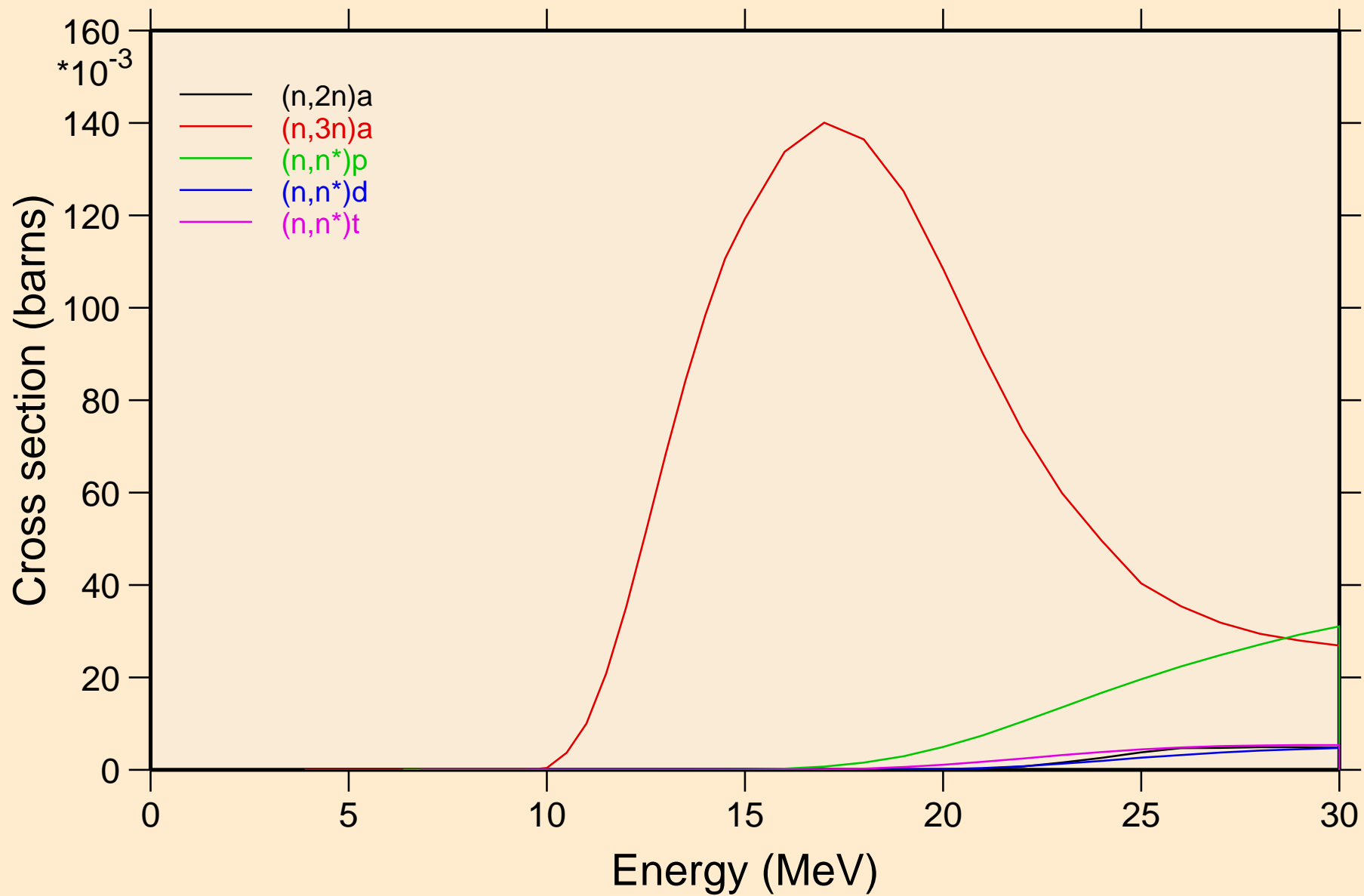
## Threshold reactions





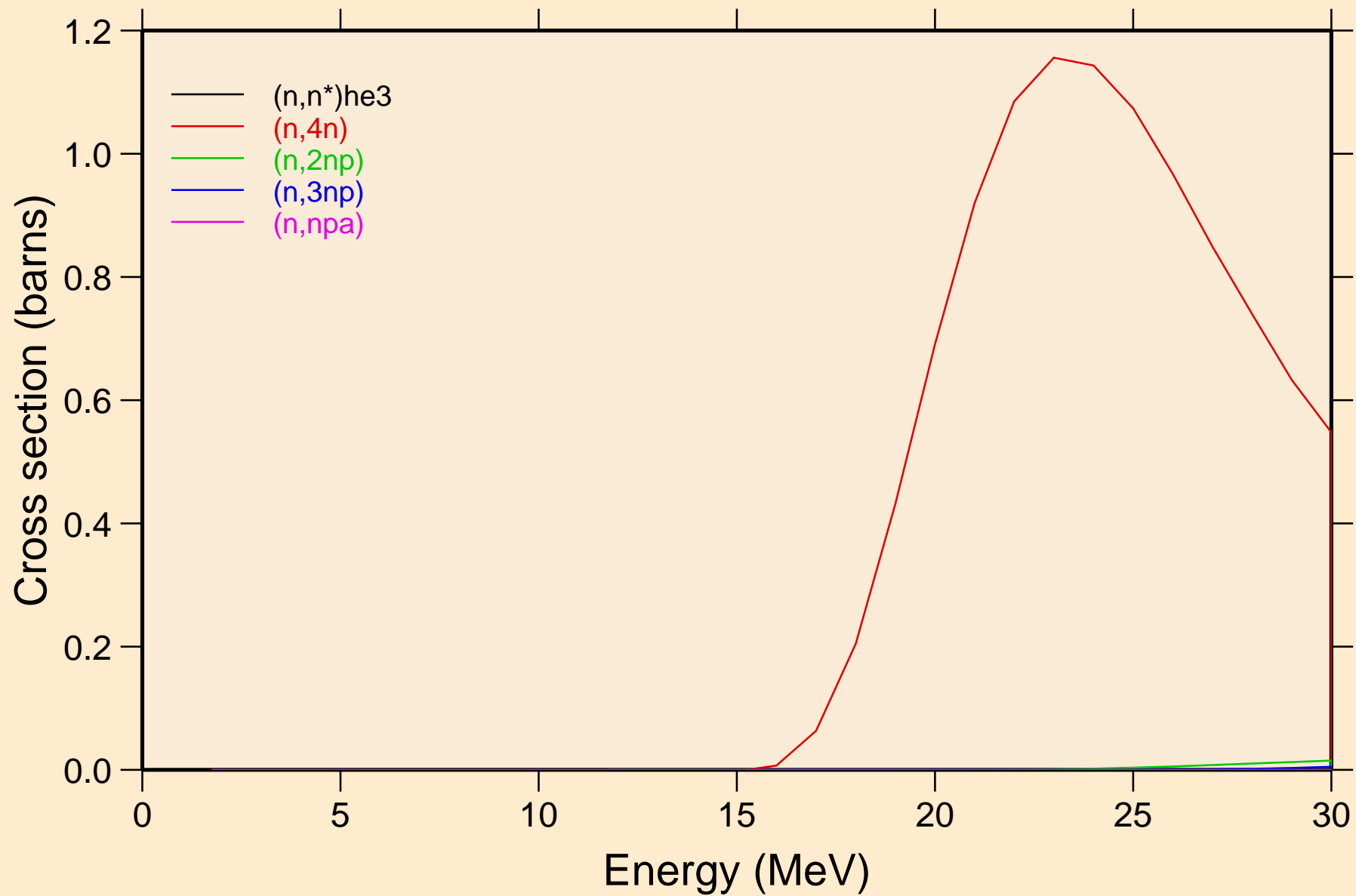
# AT223 NRG TENDL-2015, AKONING

## Threshold reactions



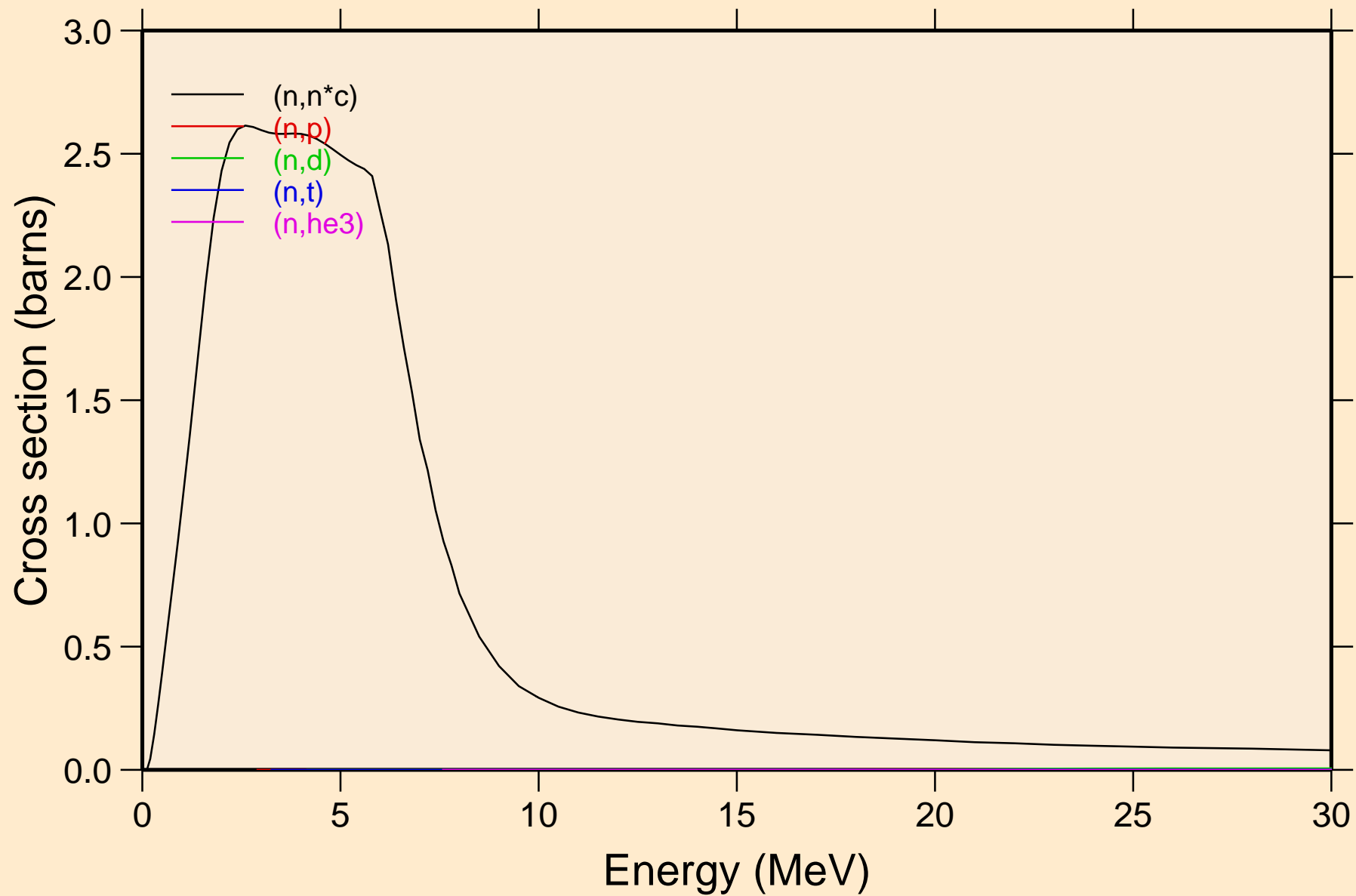
# AT223 NRG TENDL-2015, AKONING

## Threshold reactions

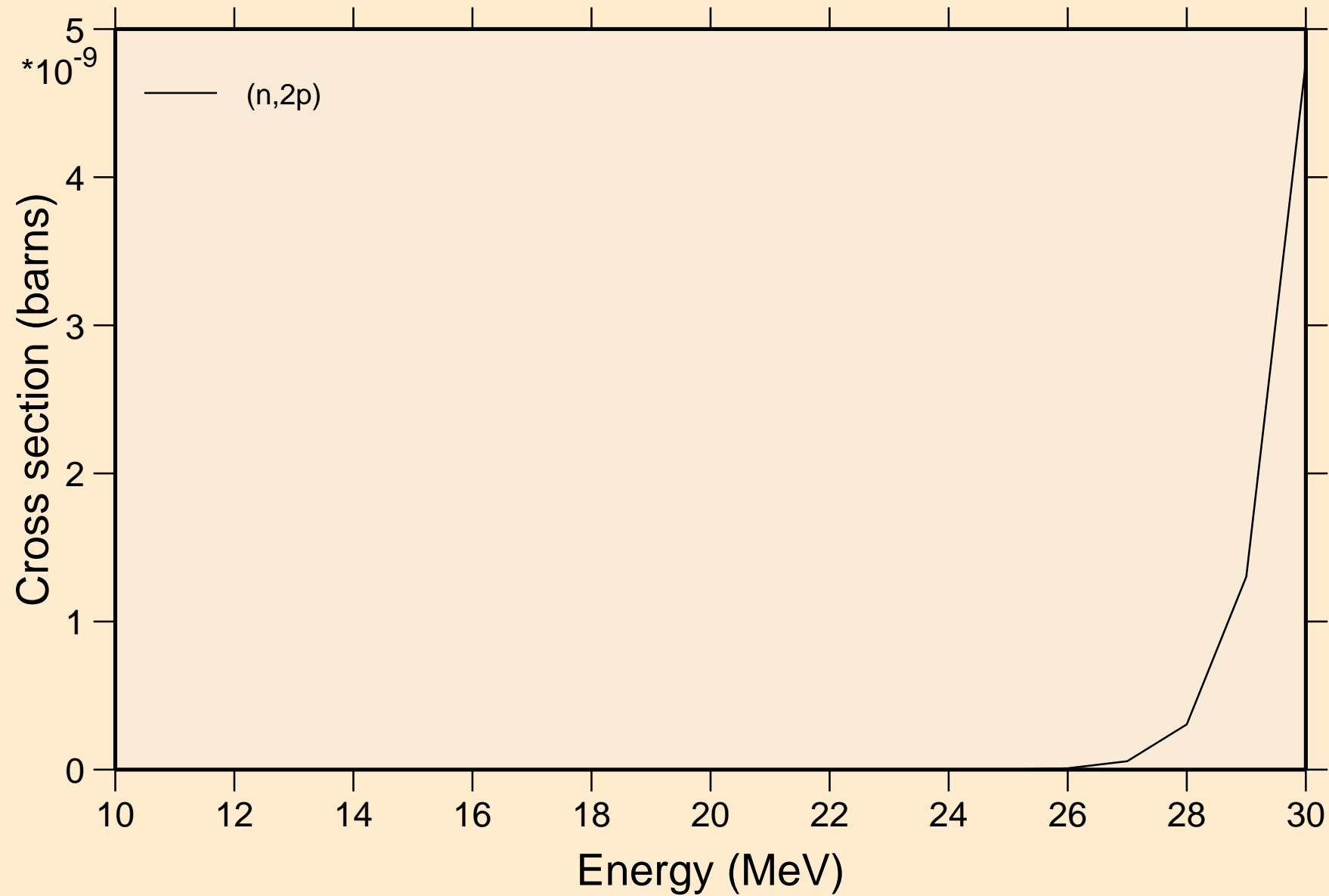


# AT223 NRG TENDL-2015, AKONING

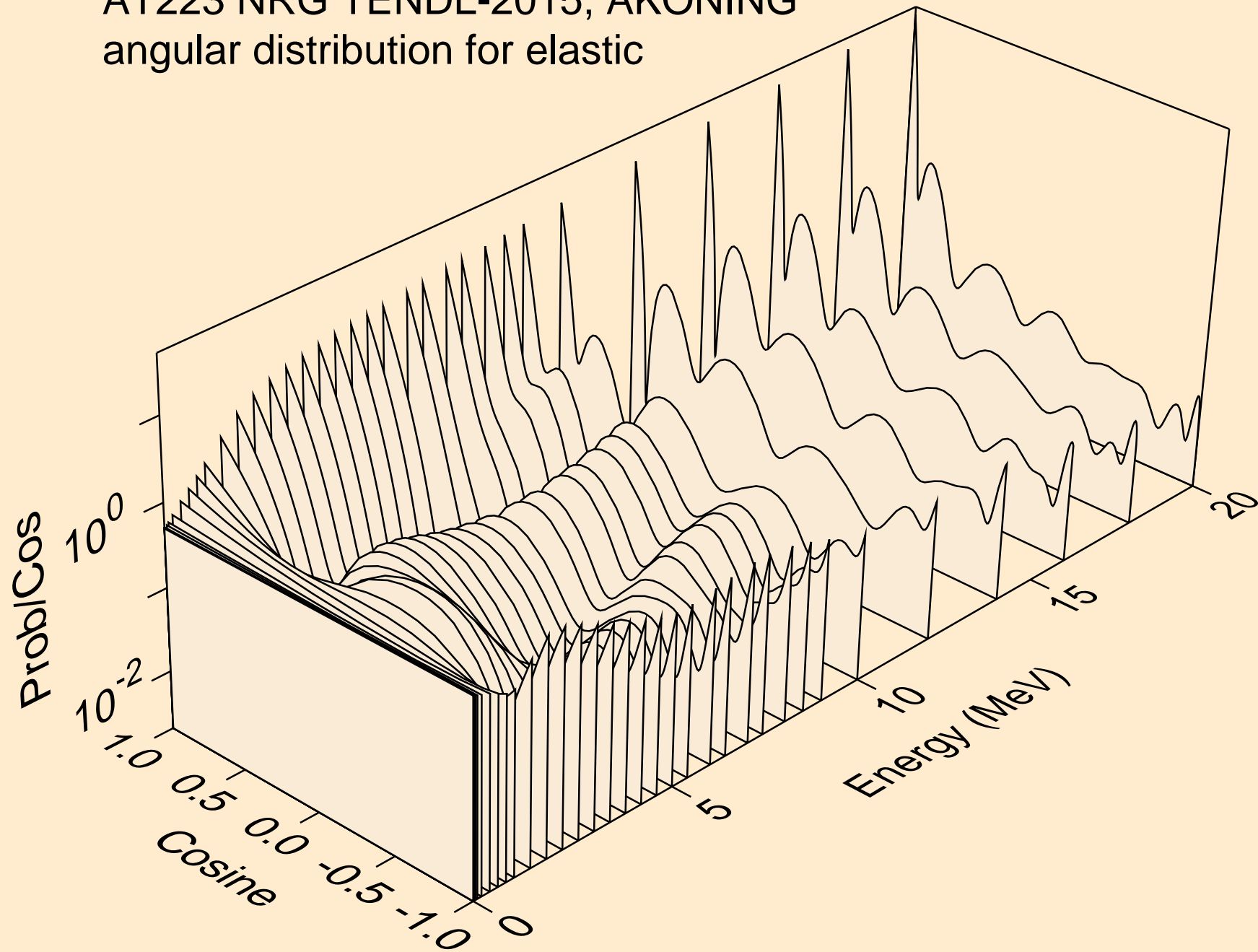
## Threshold reactions



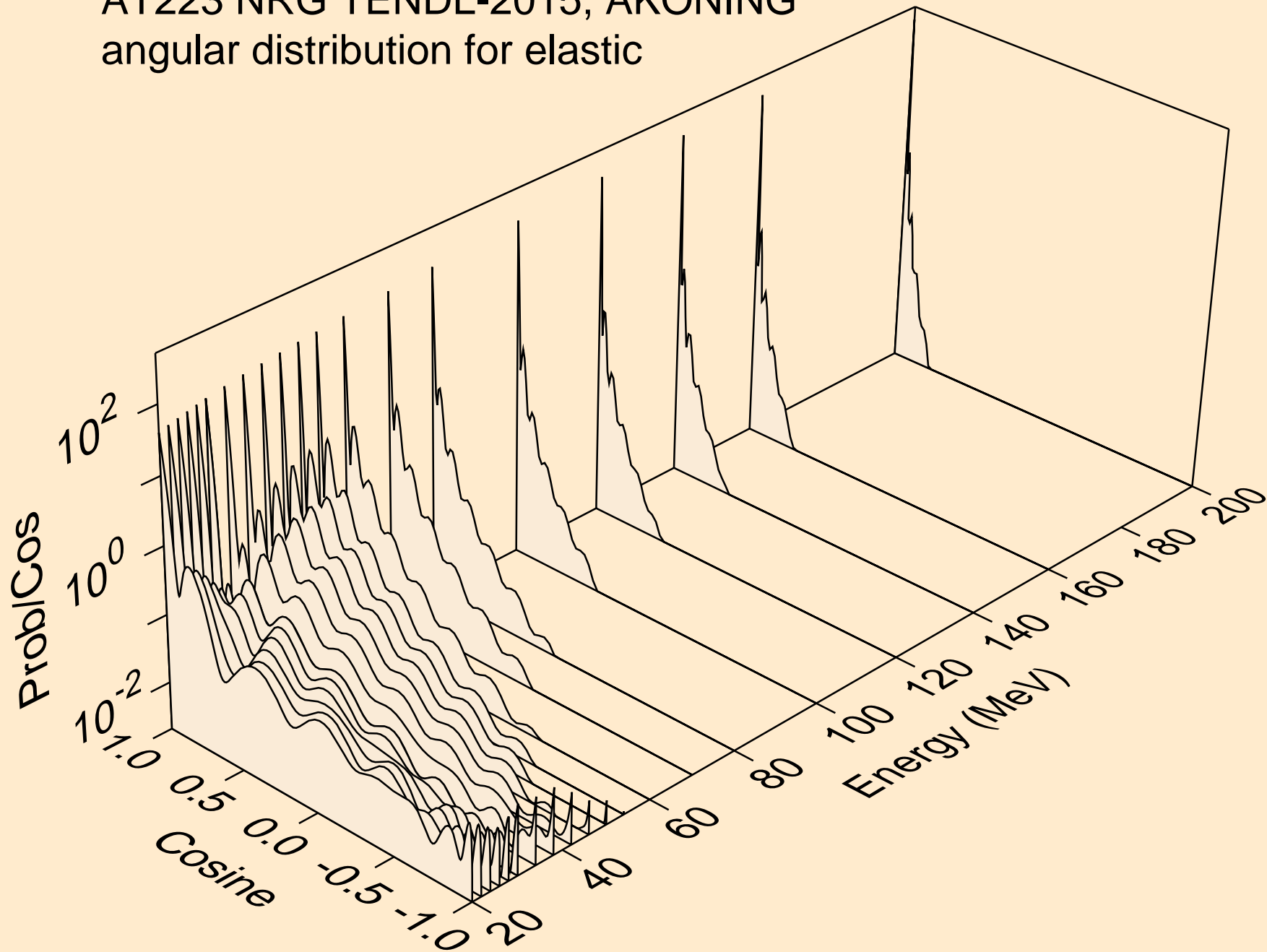
AT223 NRG TENDL-2015, AKONING  
Threshold reactions



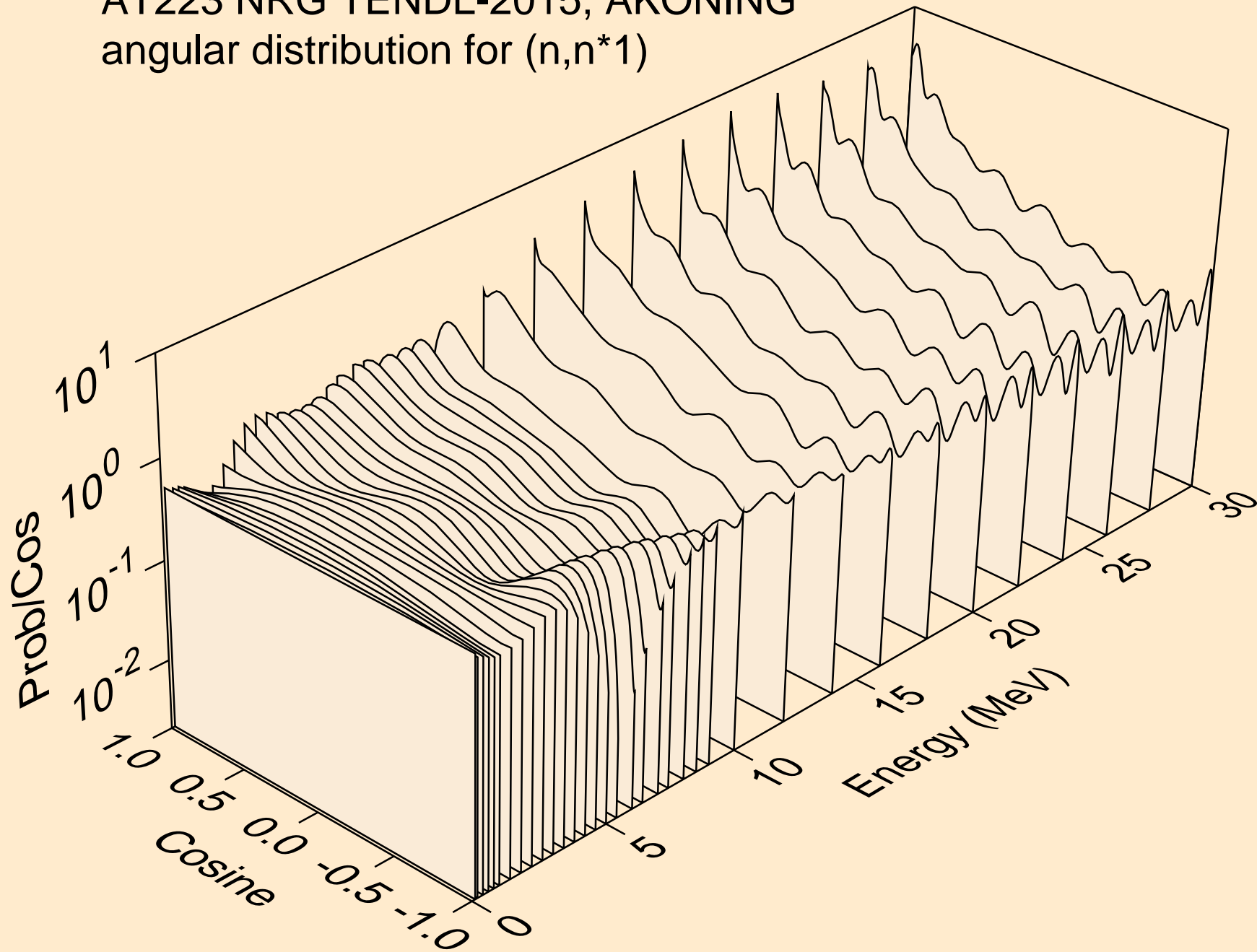
AT223 NRG TENDL-2015, AKONING  
angular distribution for elastic



AT223 NRG TENDL-2015, AKONING  
angular distribution for elastic

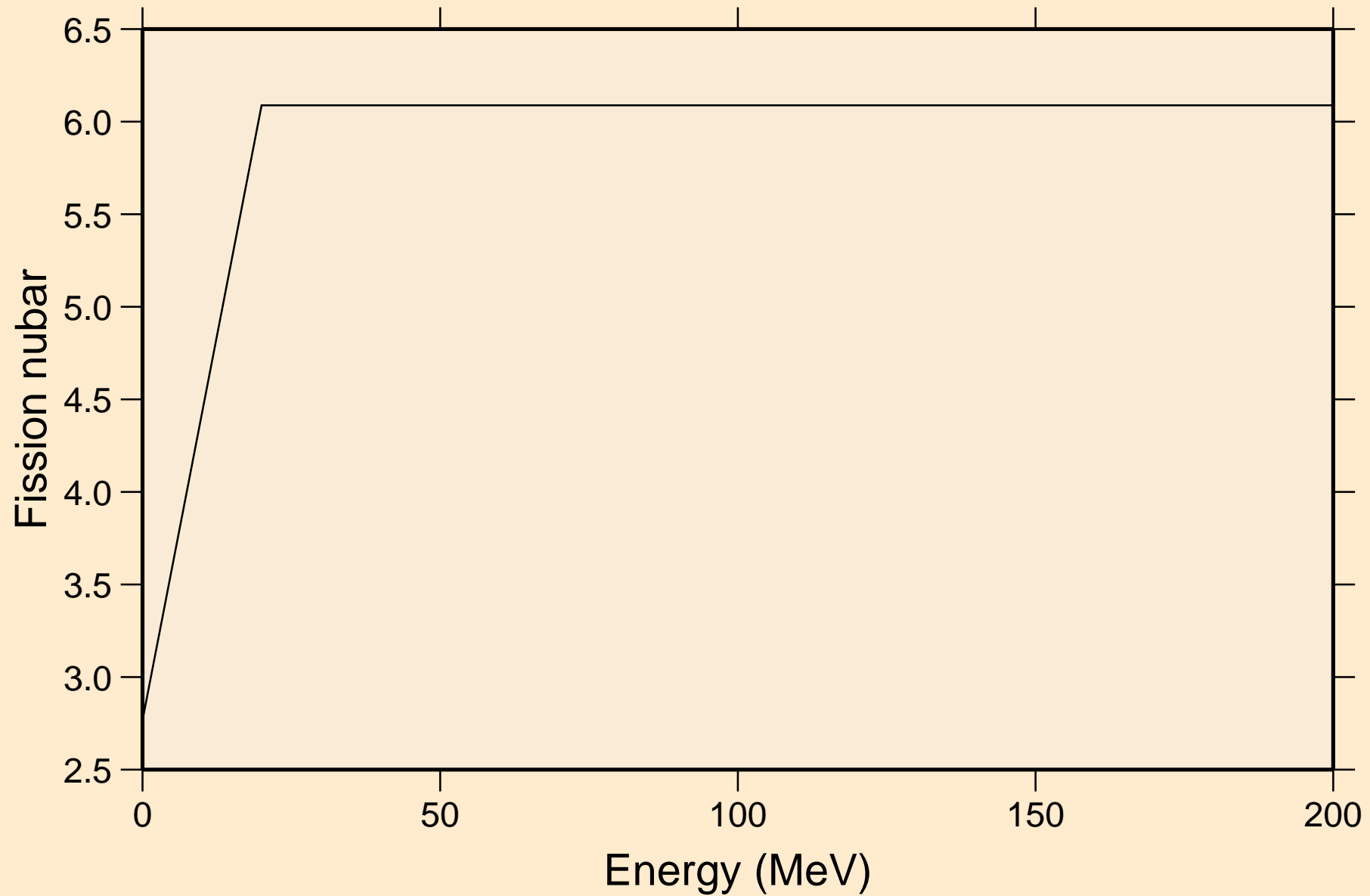


AT223 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



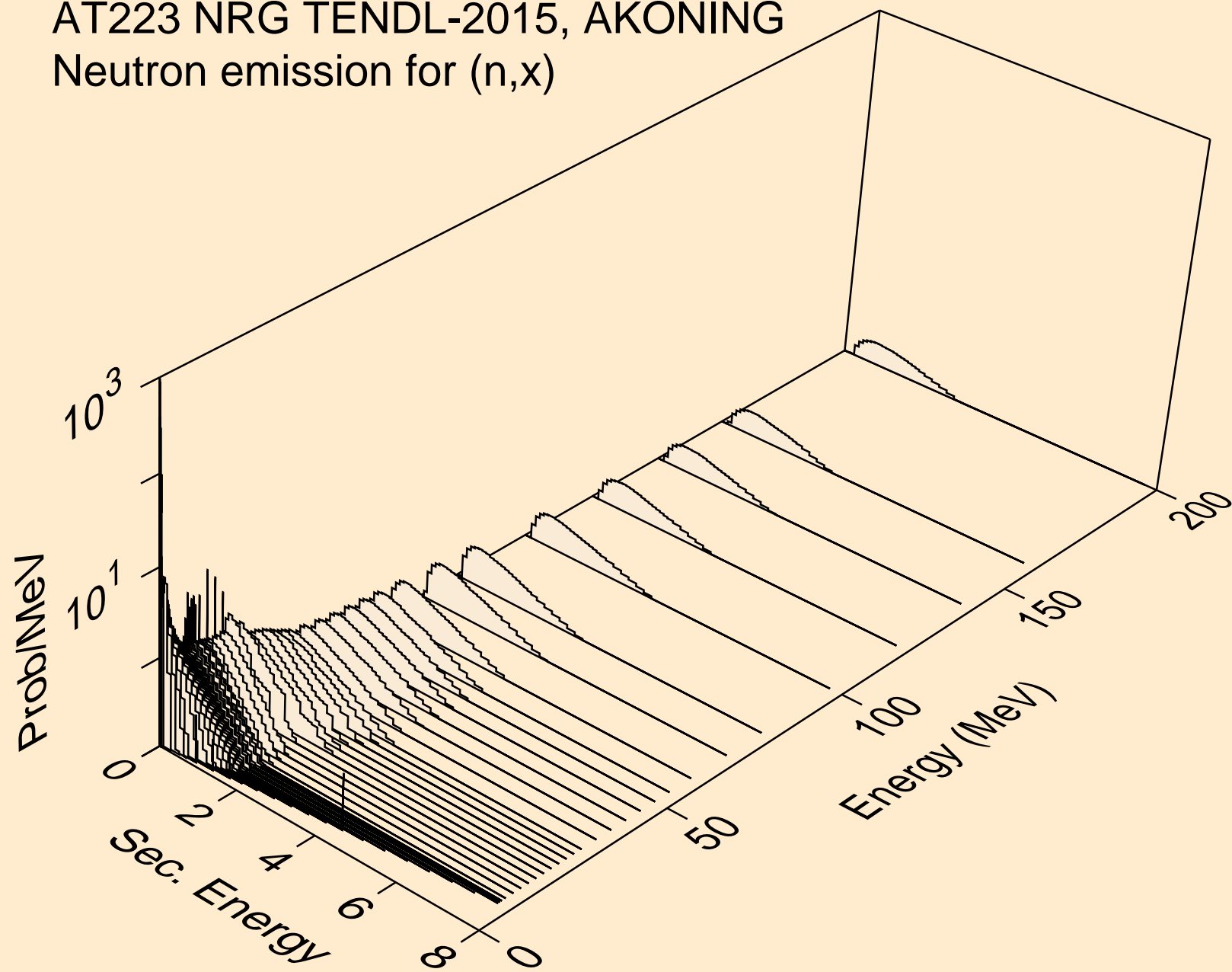
# AT223 NRG TENDL-2015, AKONING

Total fission nubar

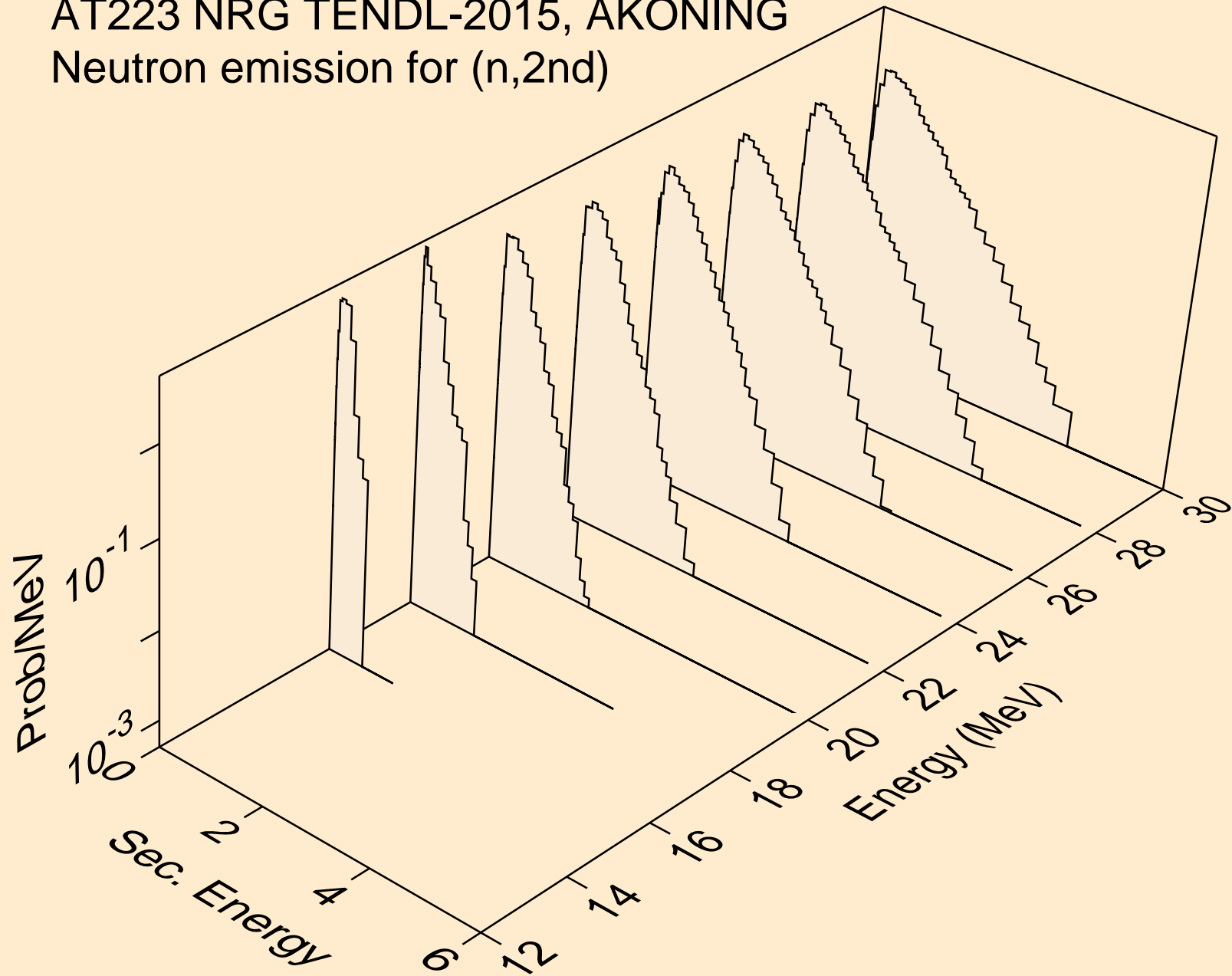




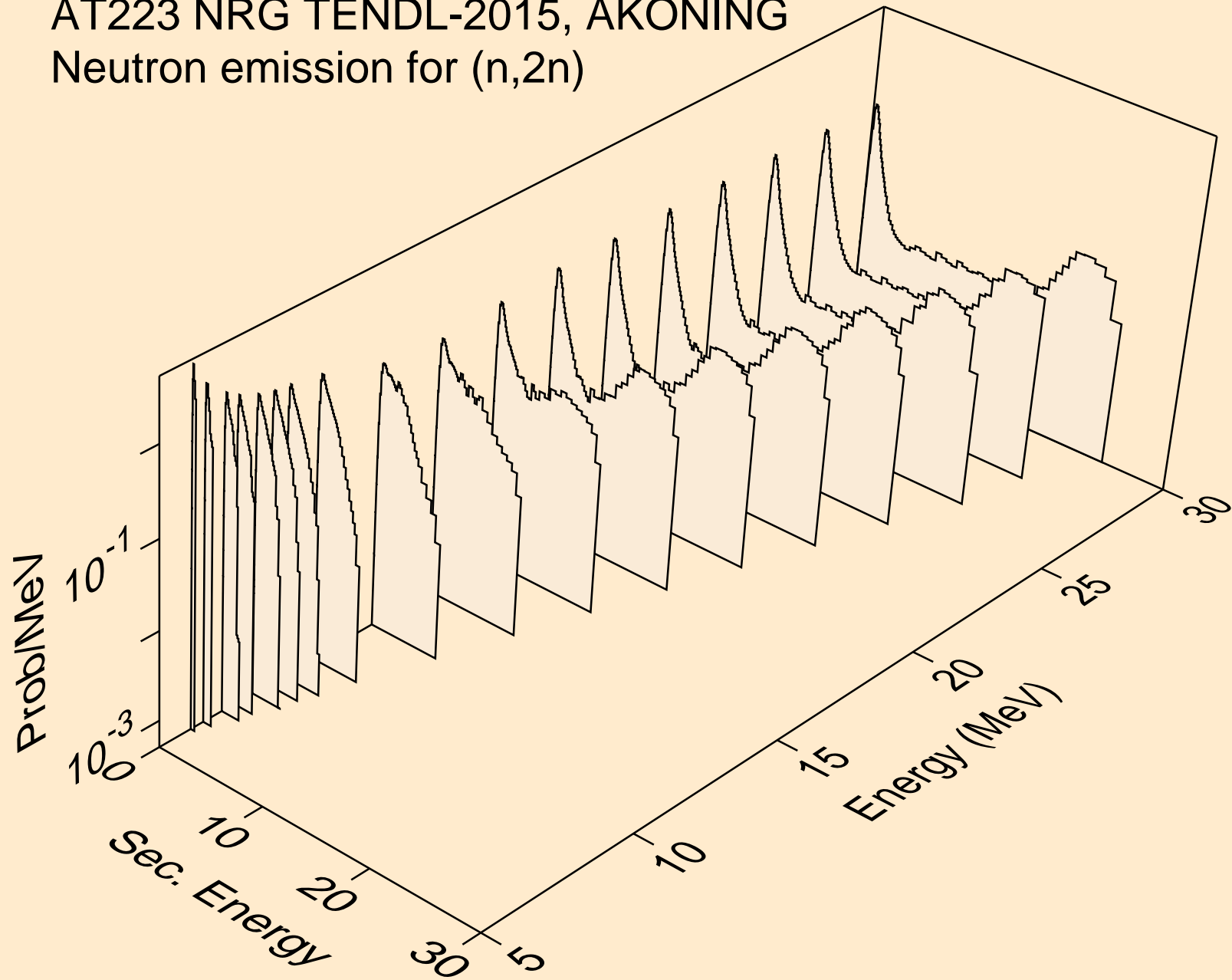
AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



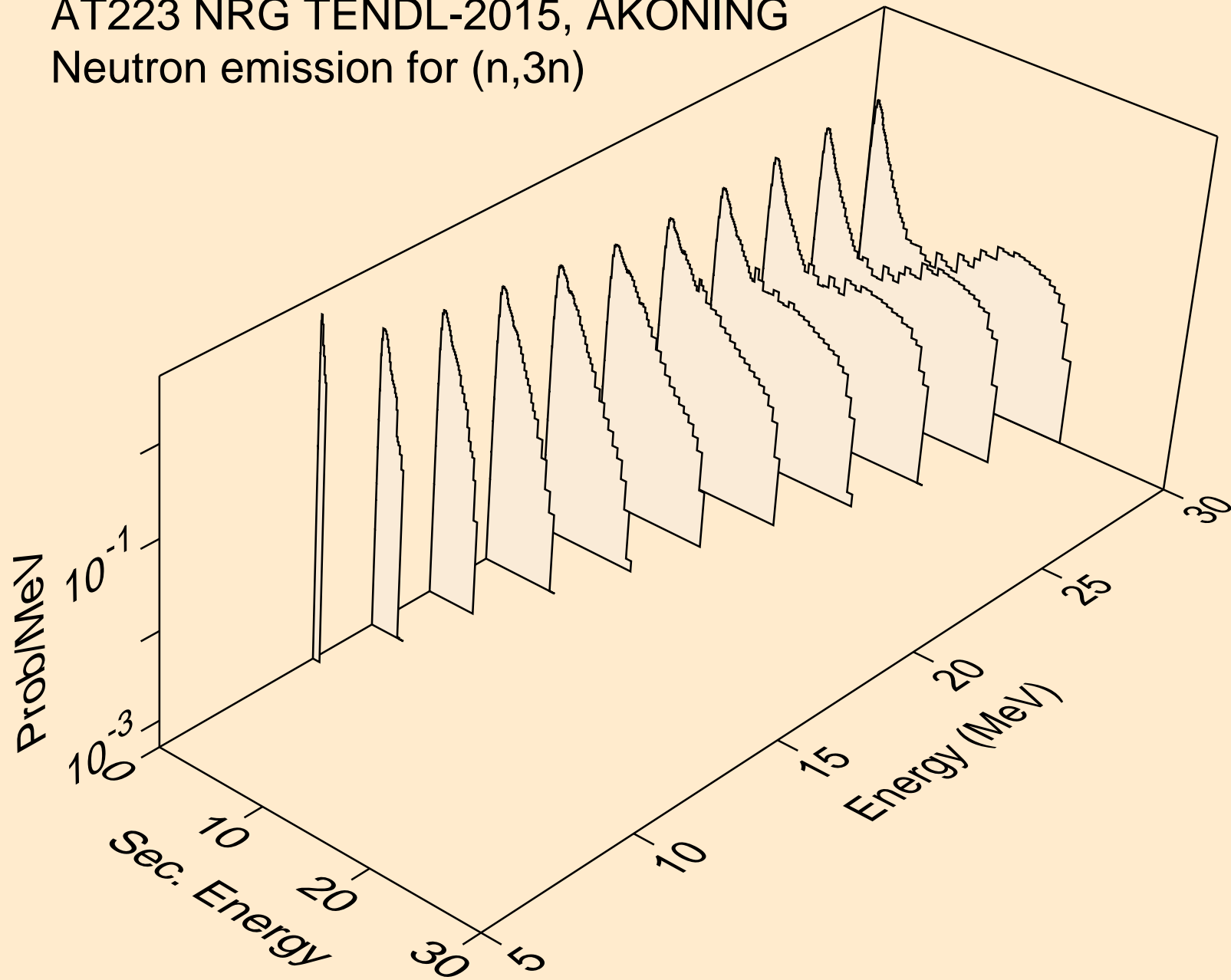
AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



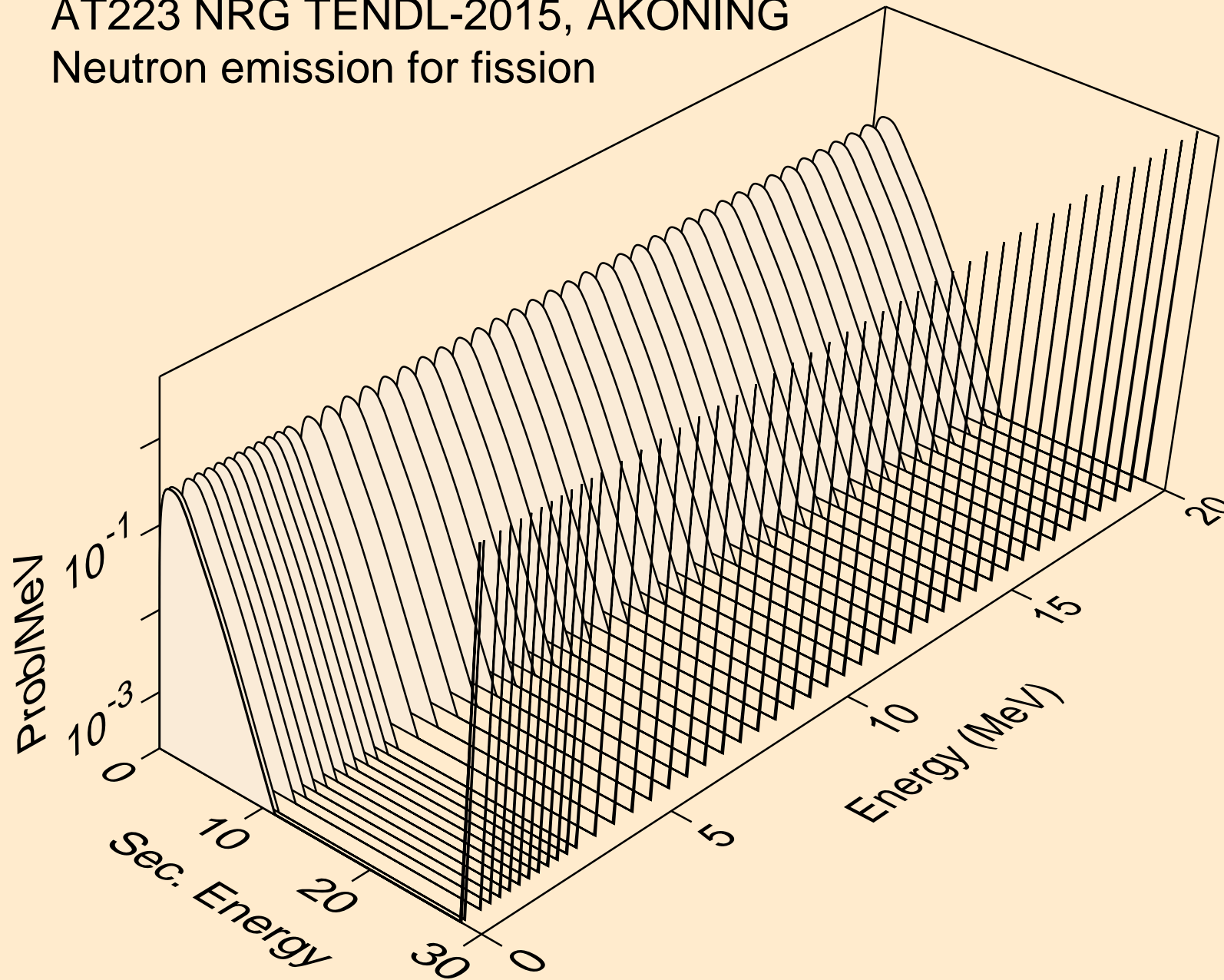
AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



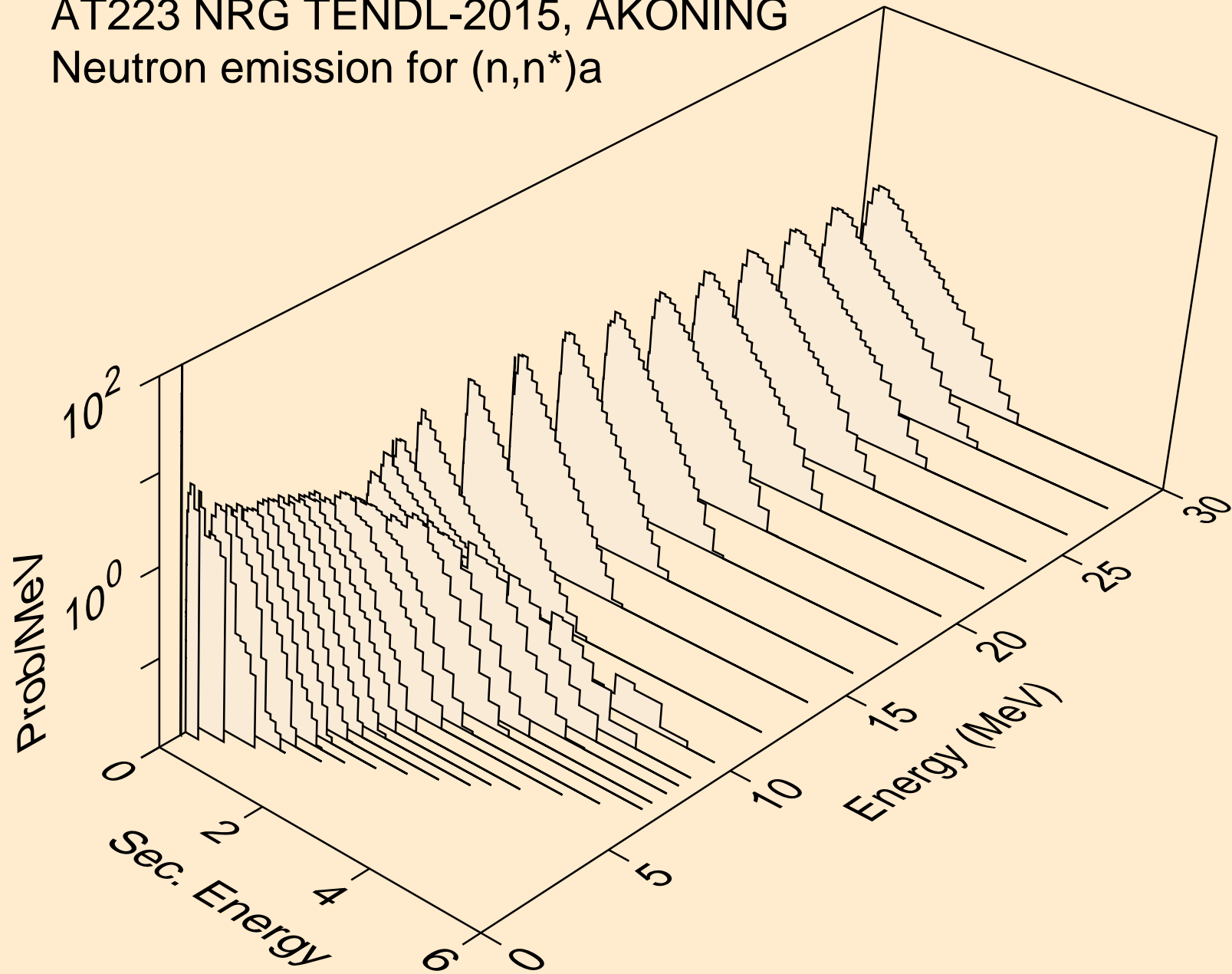
AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



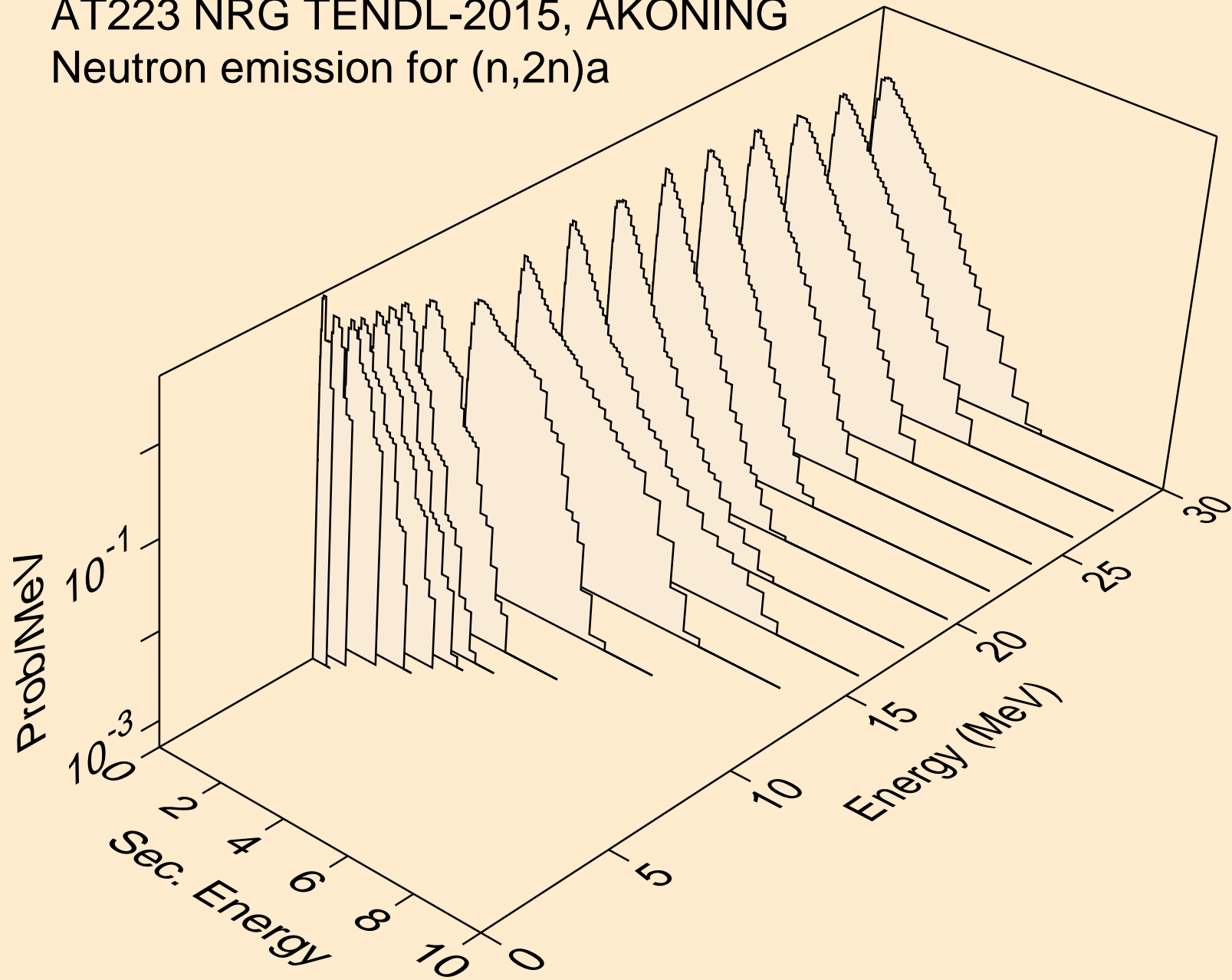
AT223 NRG TENDL-2015, AKONING  
Neutron emission for fission



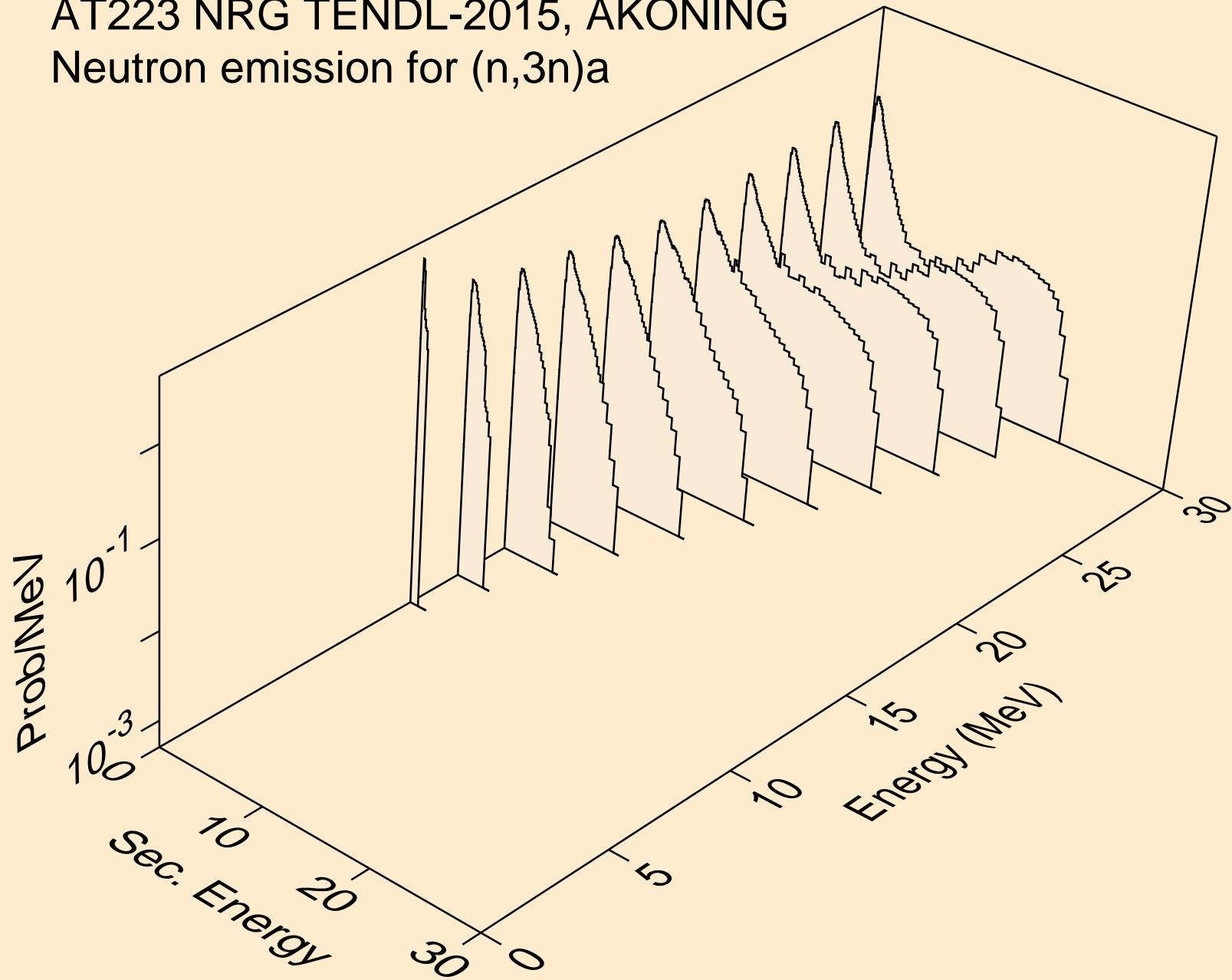
AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

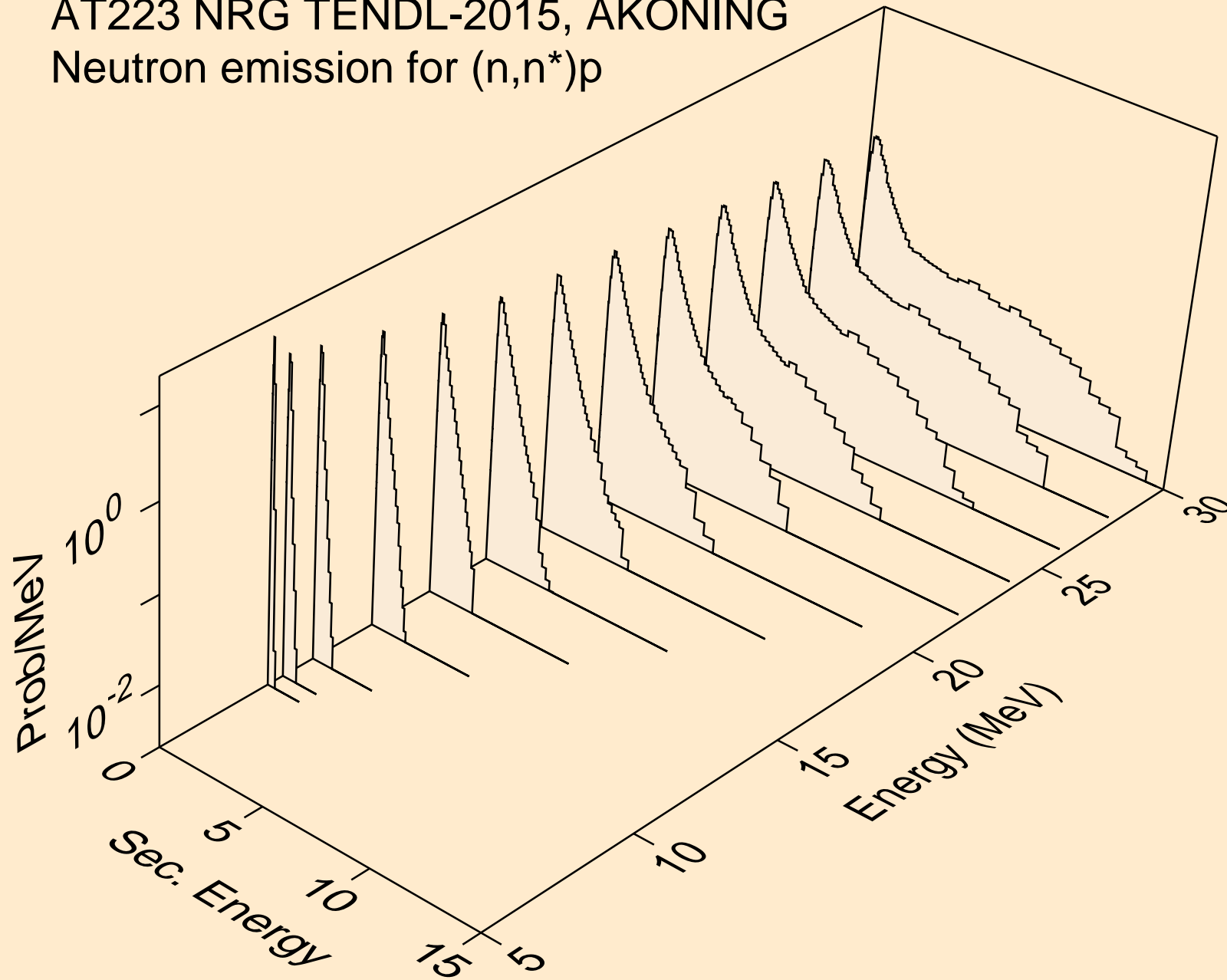


AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

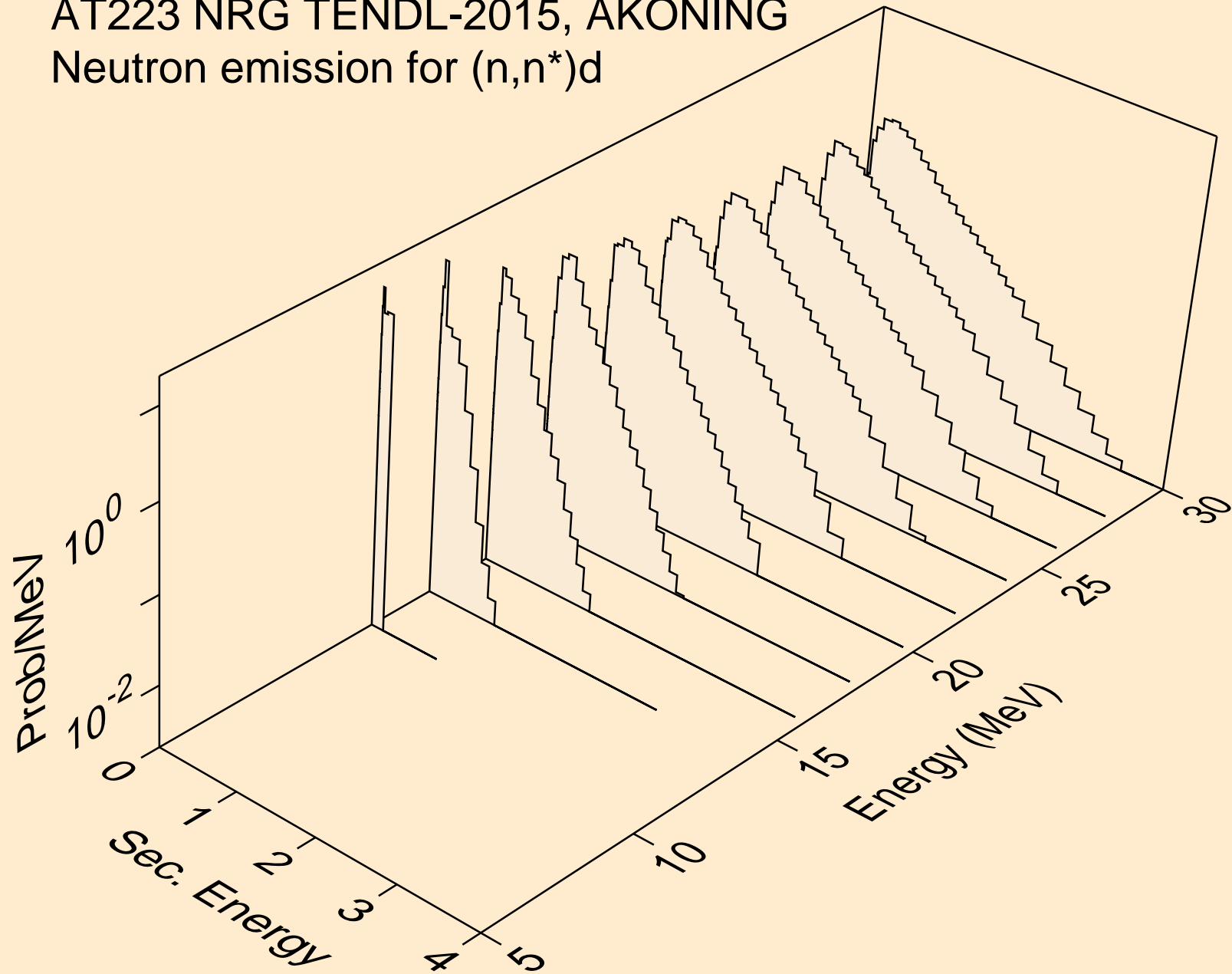




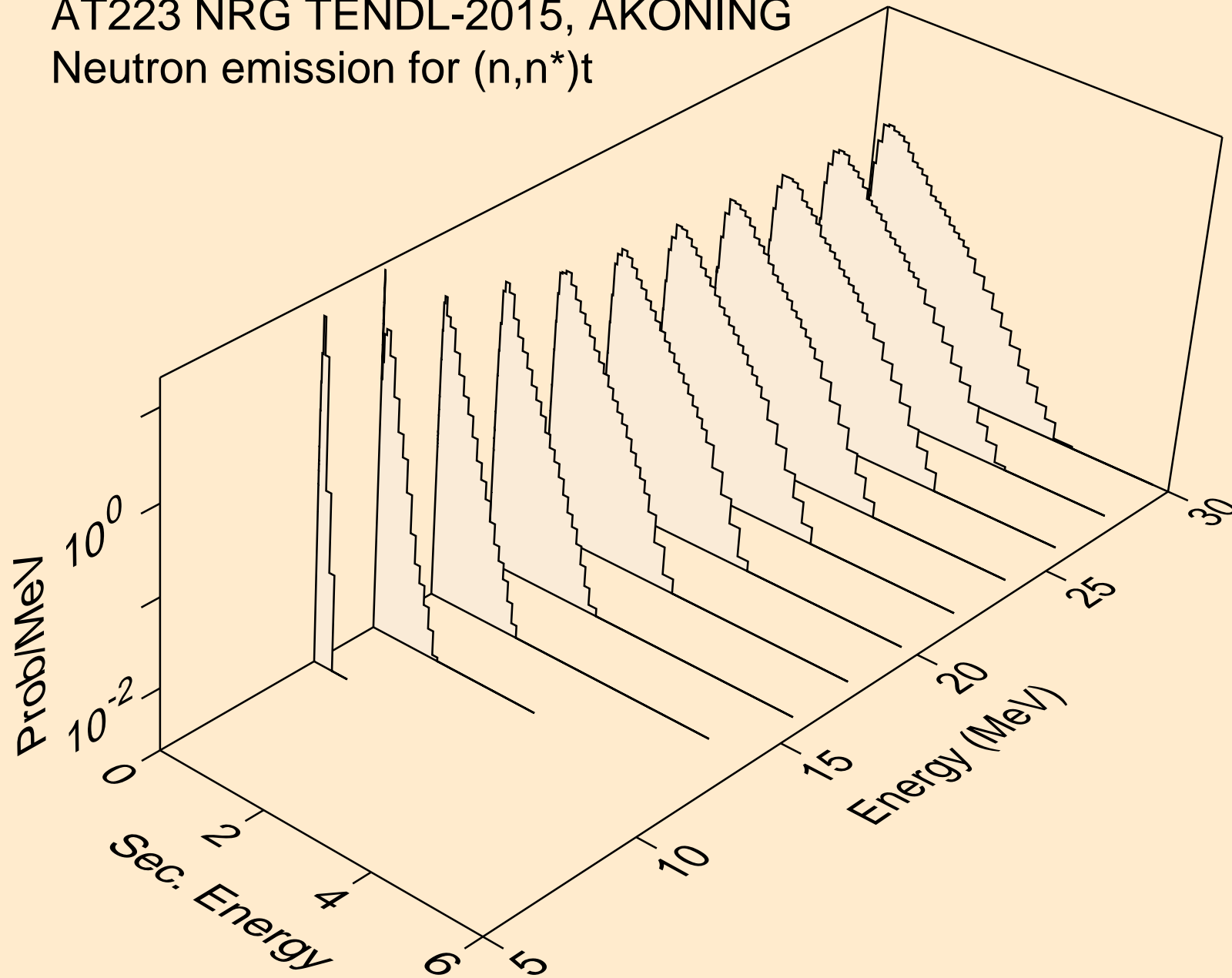
AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



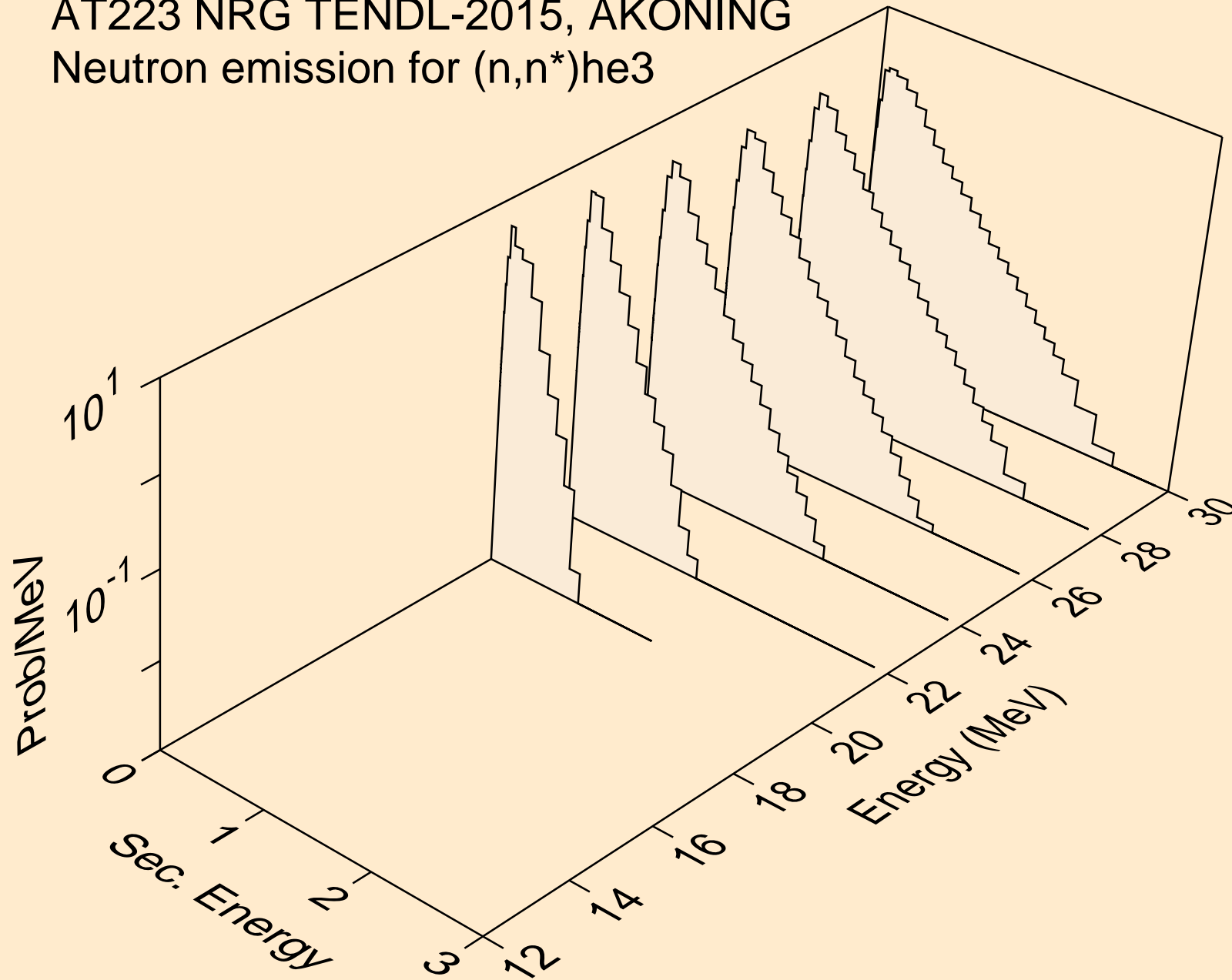
AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



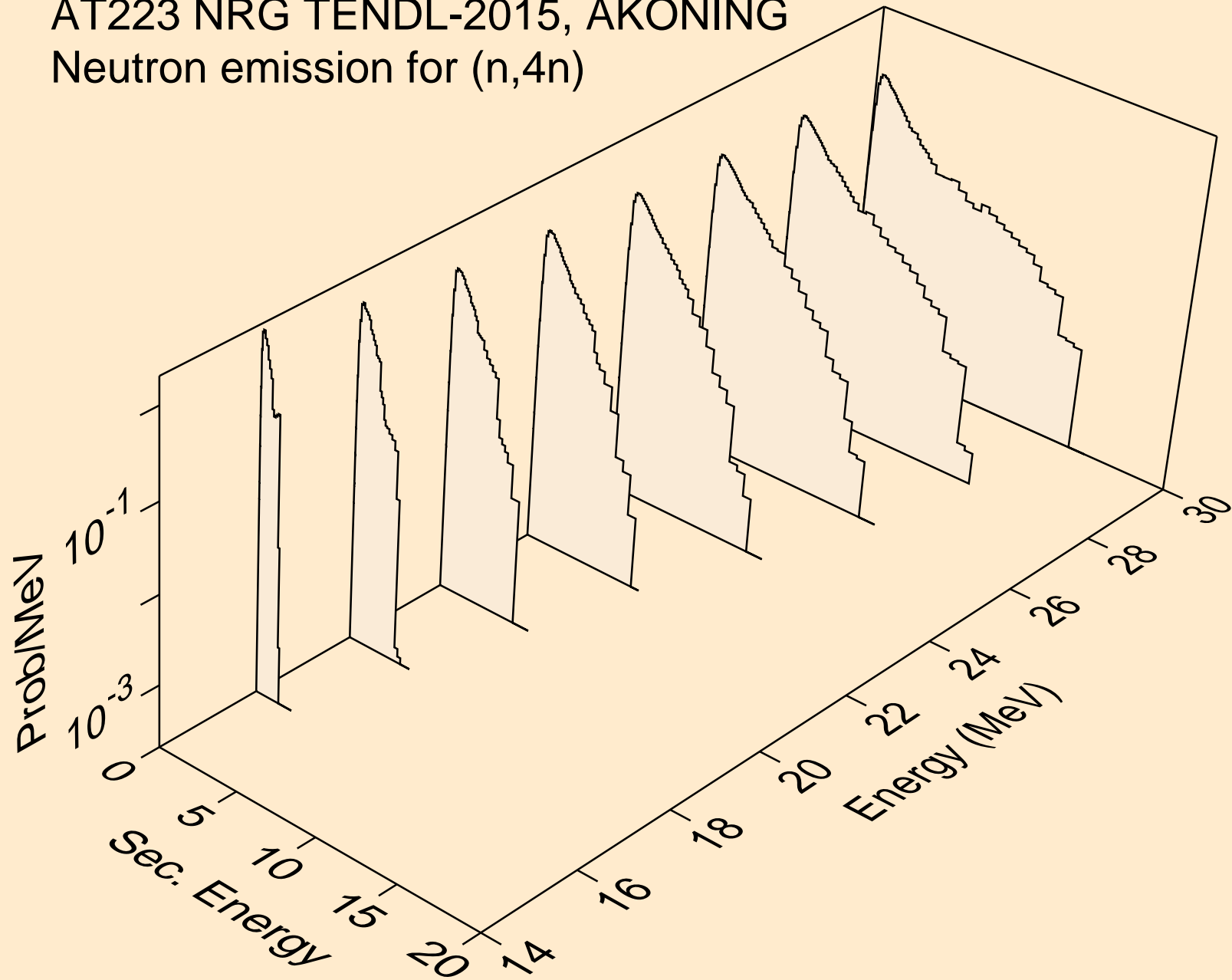
AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



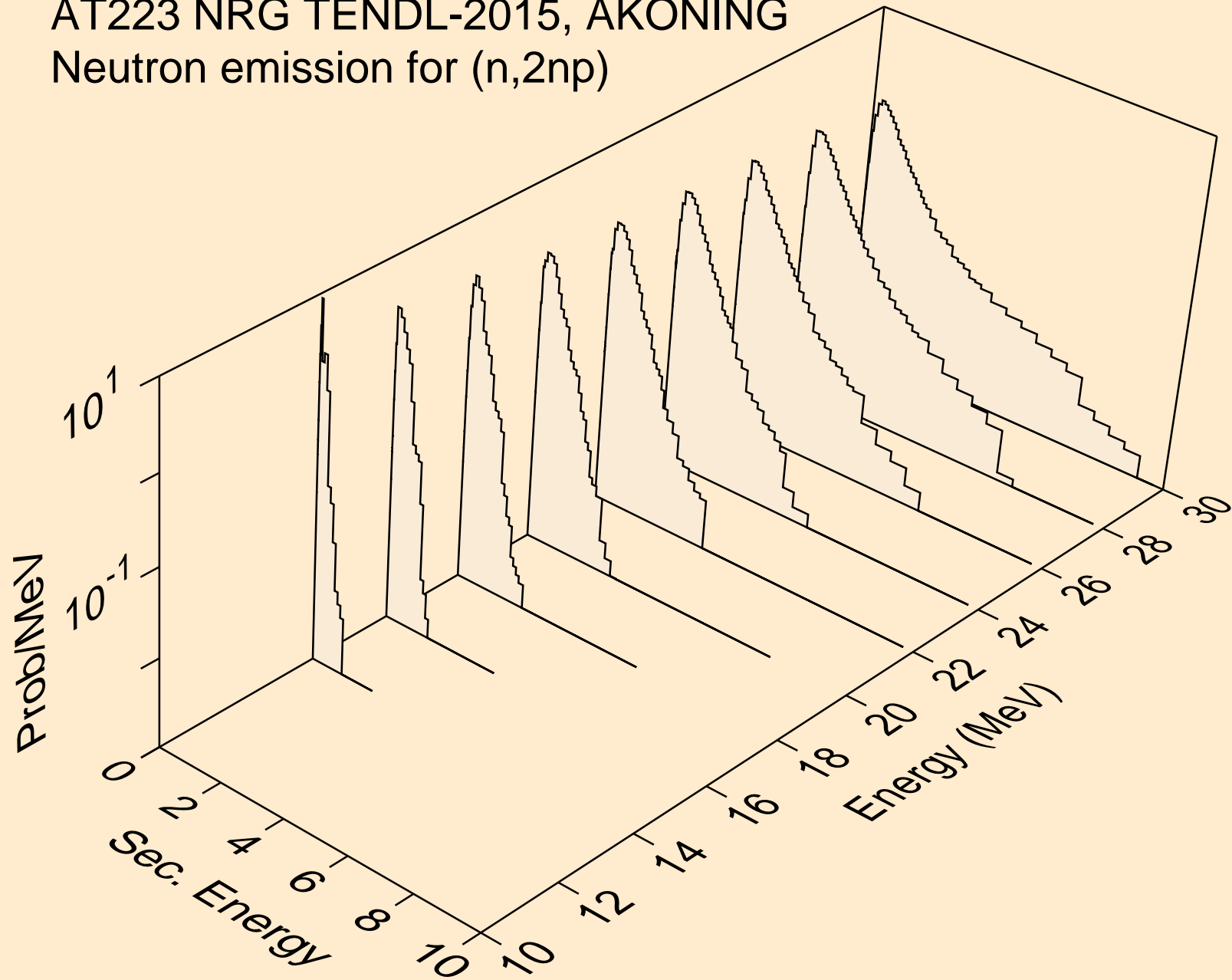
AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



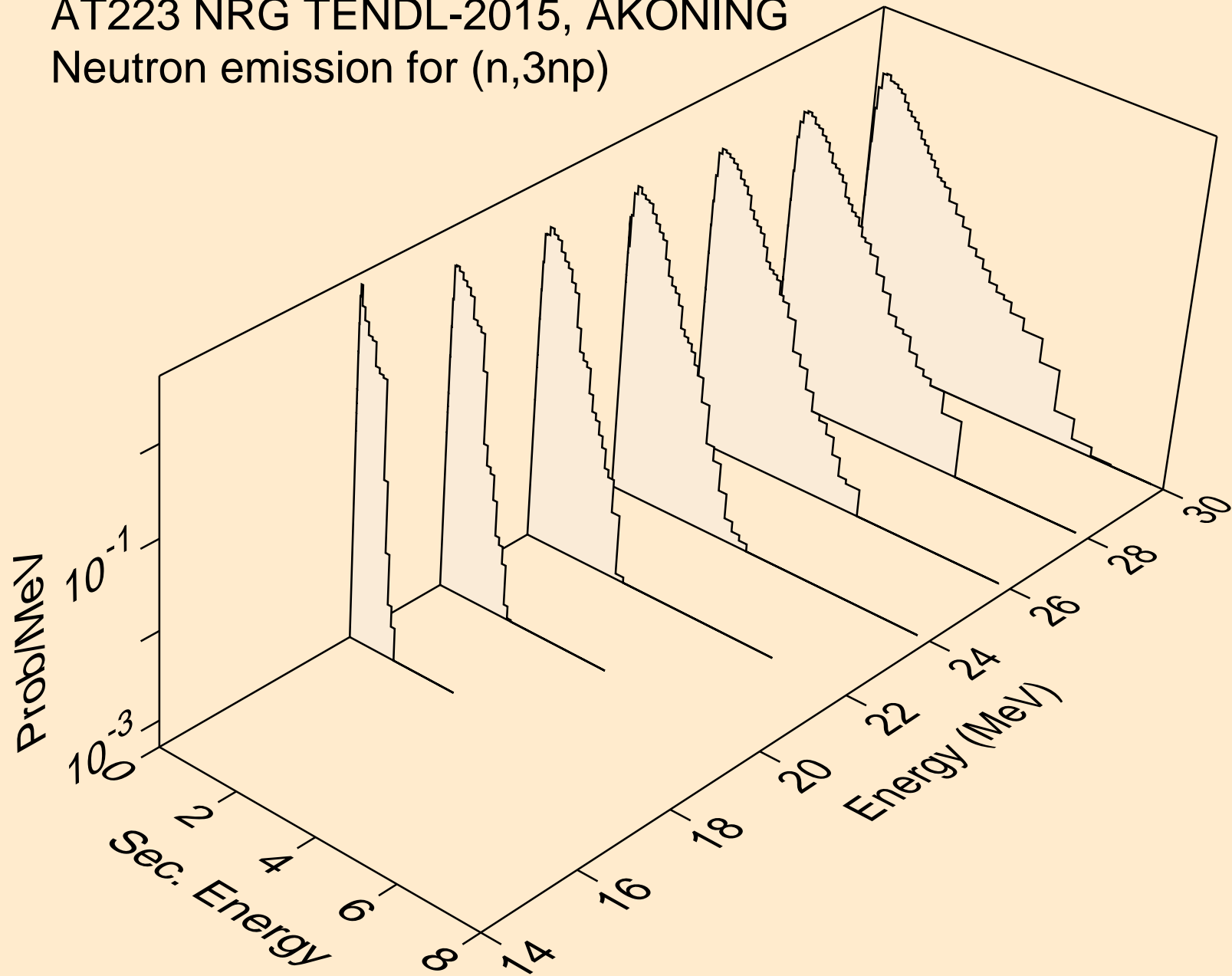
AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



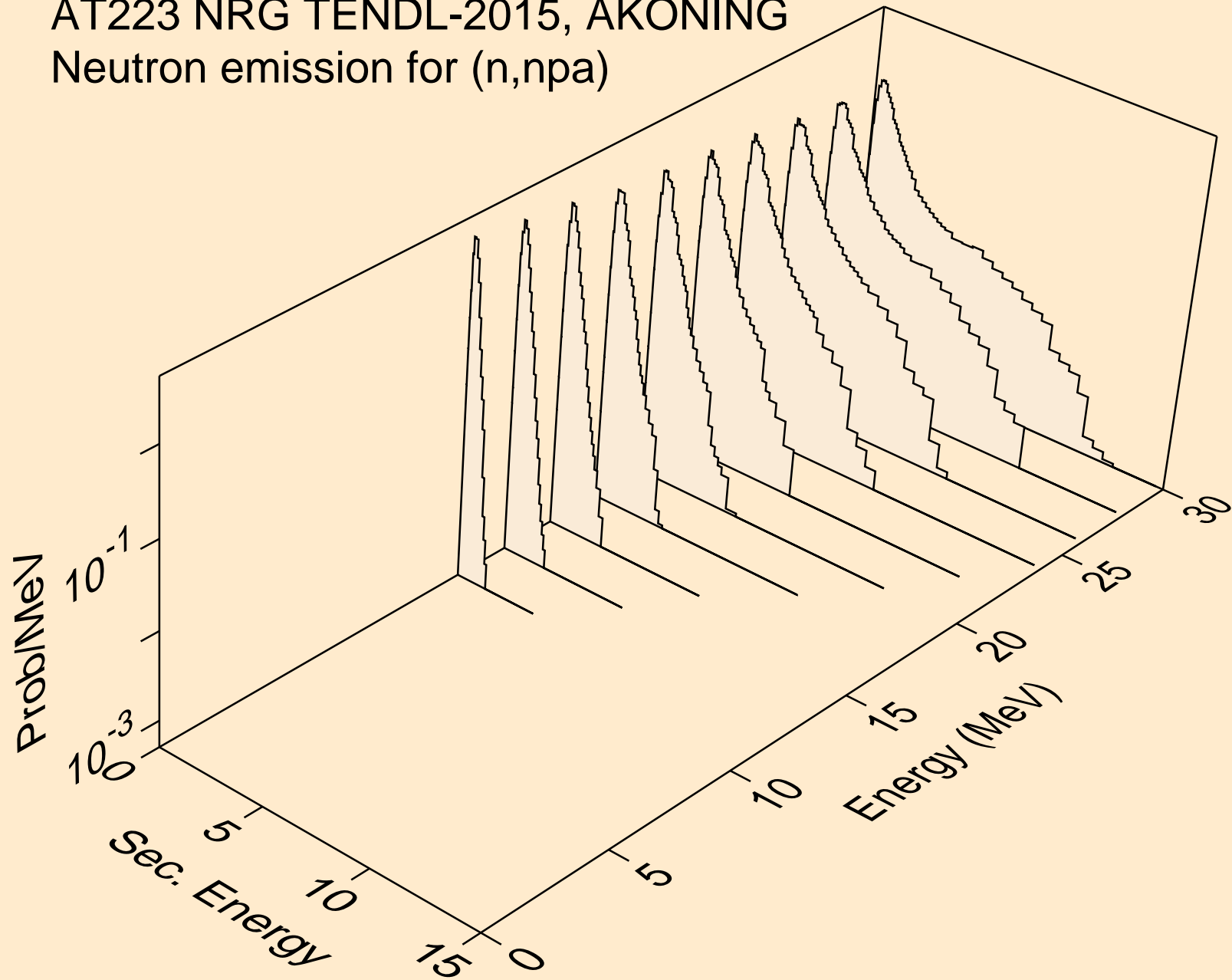
AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

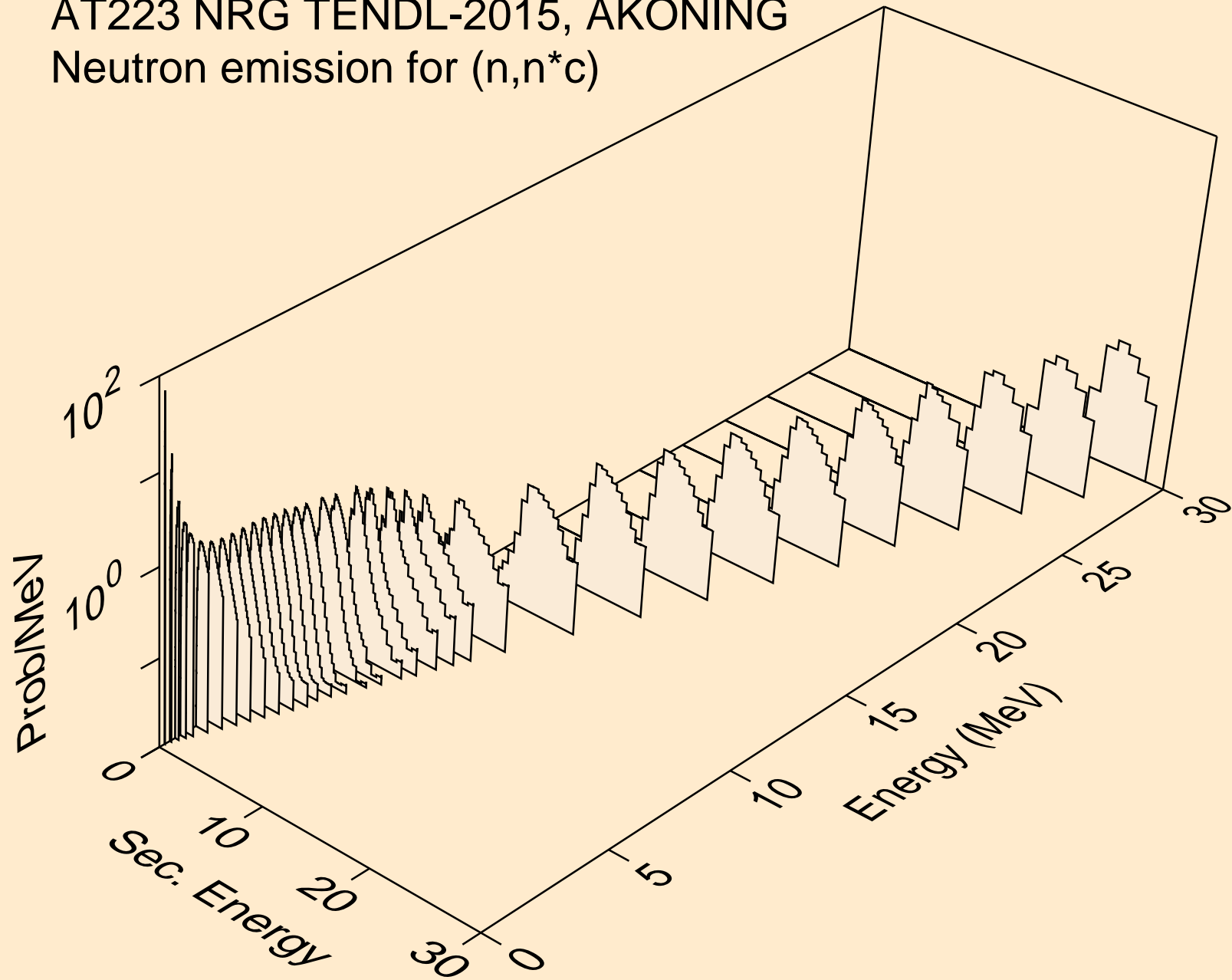


AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



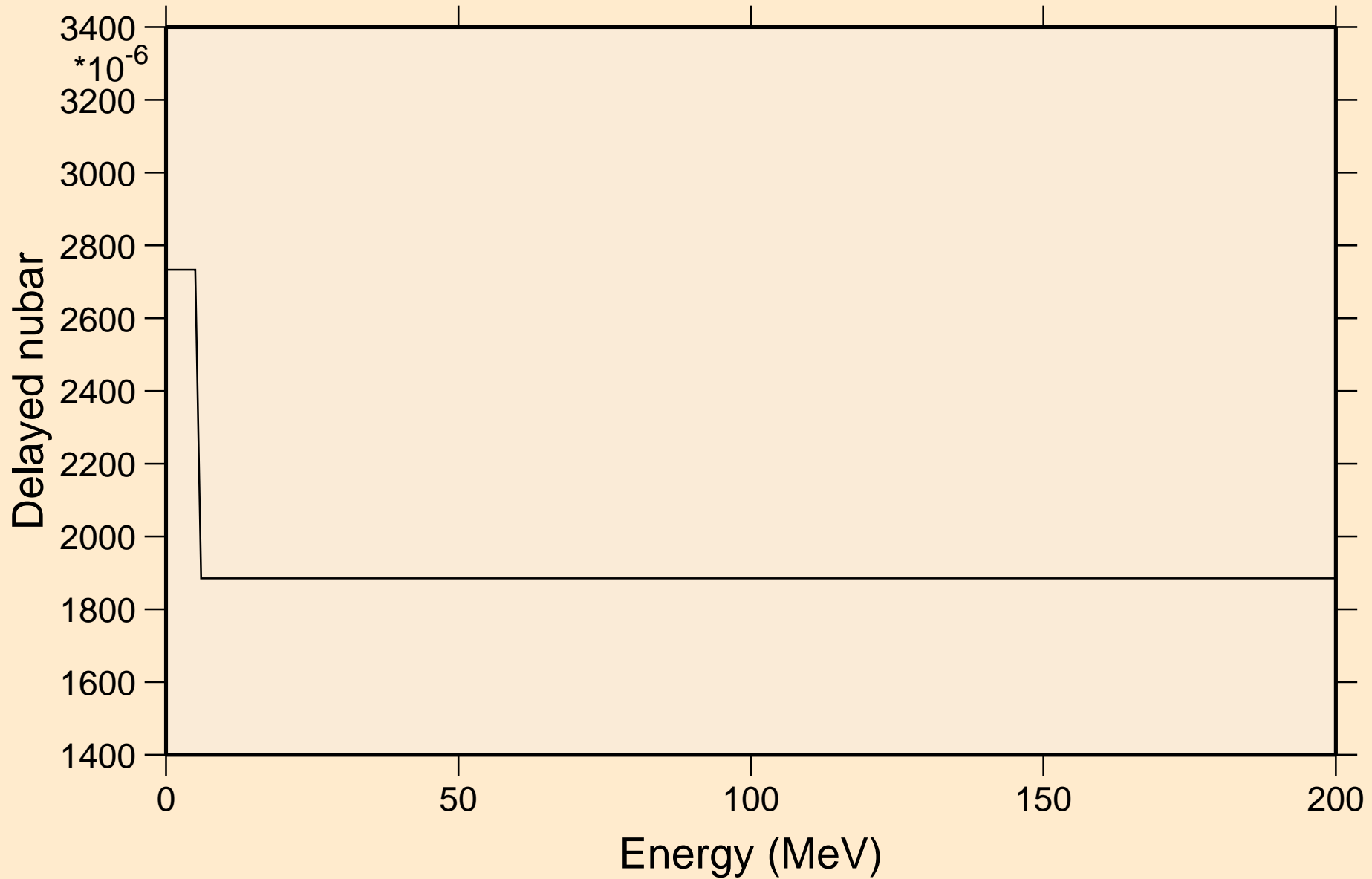


AT223 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



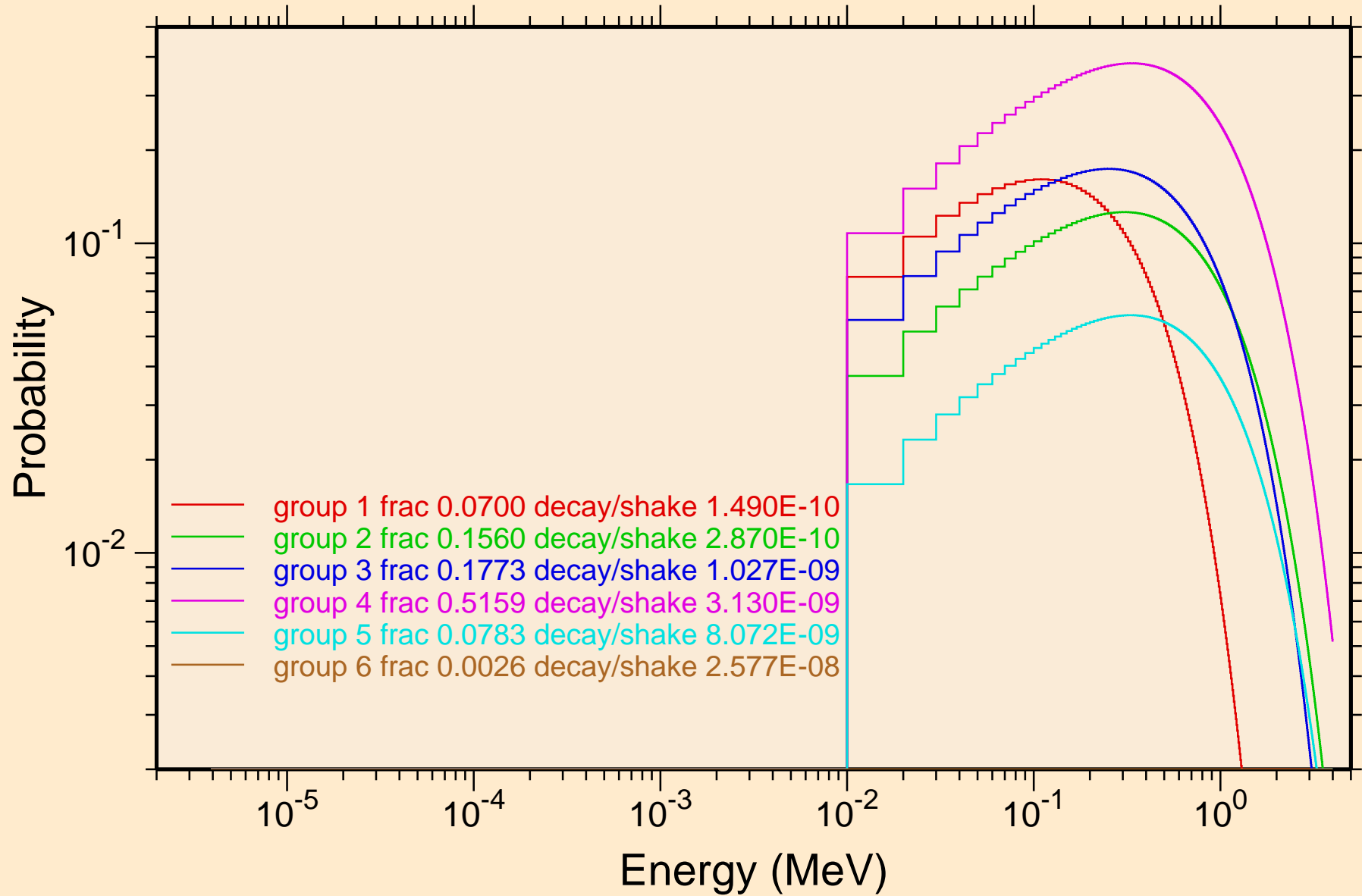
# AT223 NRG TENDL-2015, AKONING

## Delayed nubar

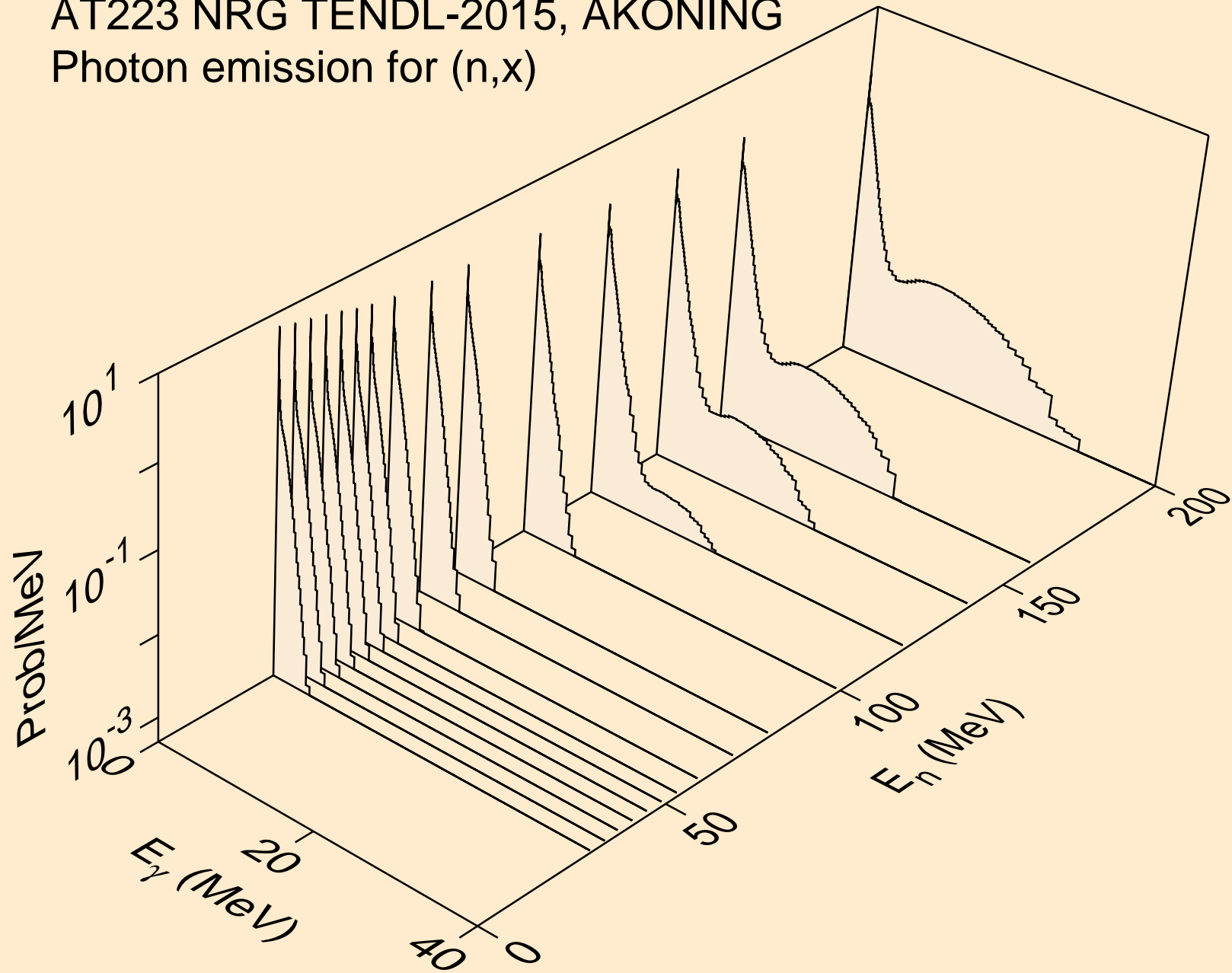


# AT223 NRG TENDL-2015, AKONING

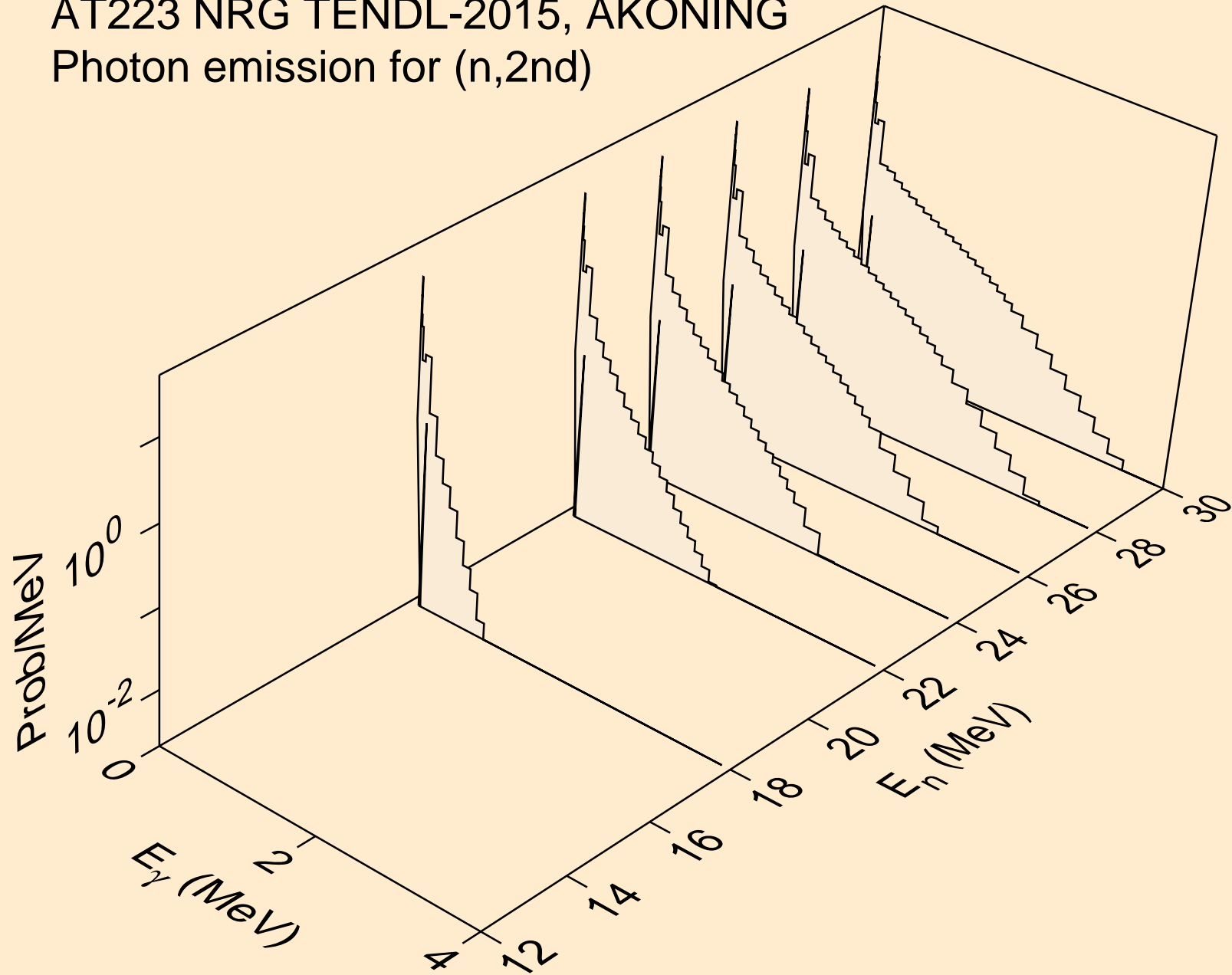
## Delayed neutron spectra



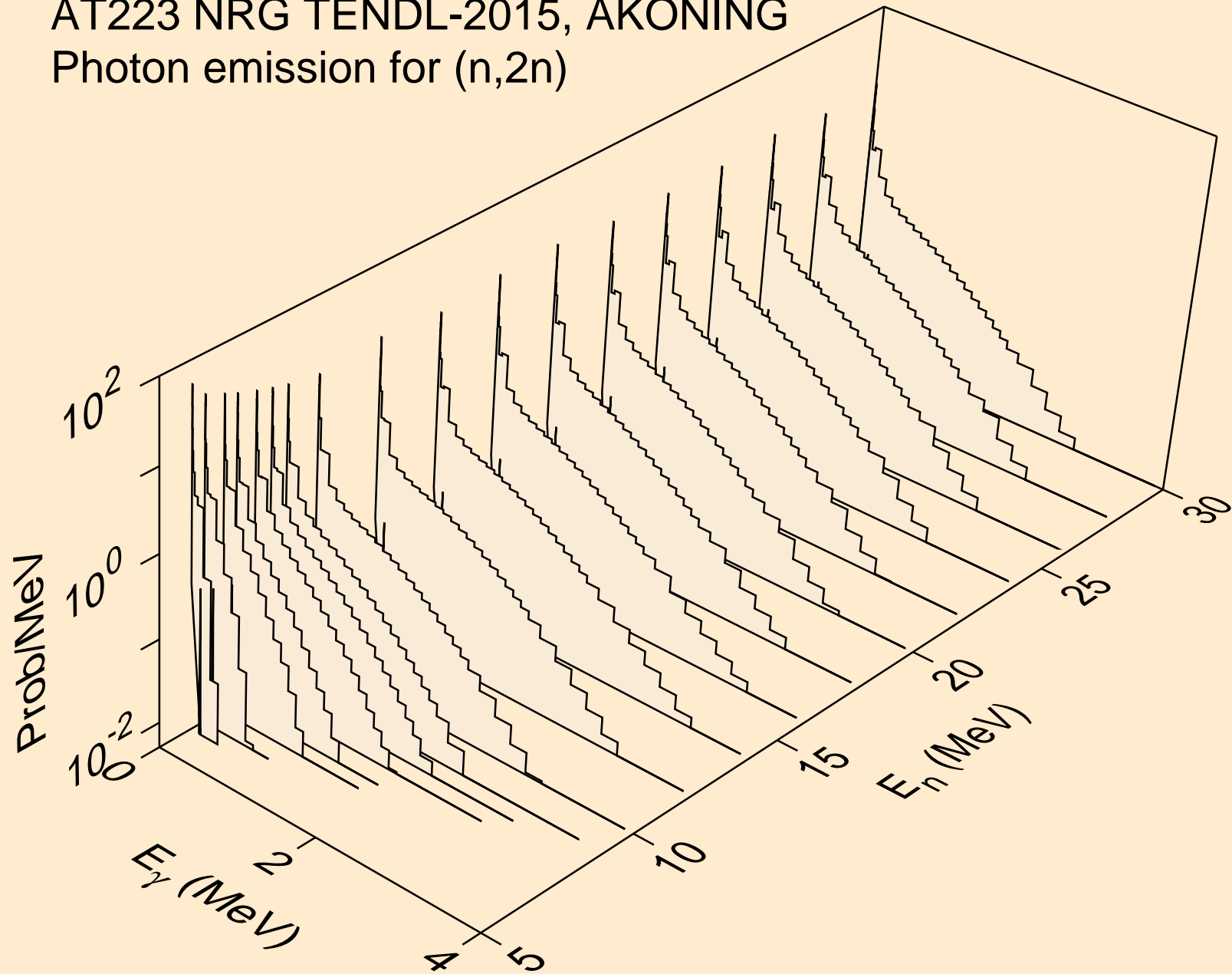
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



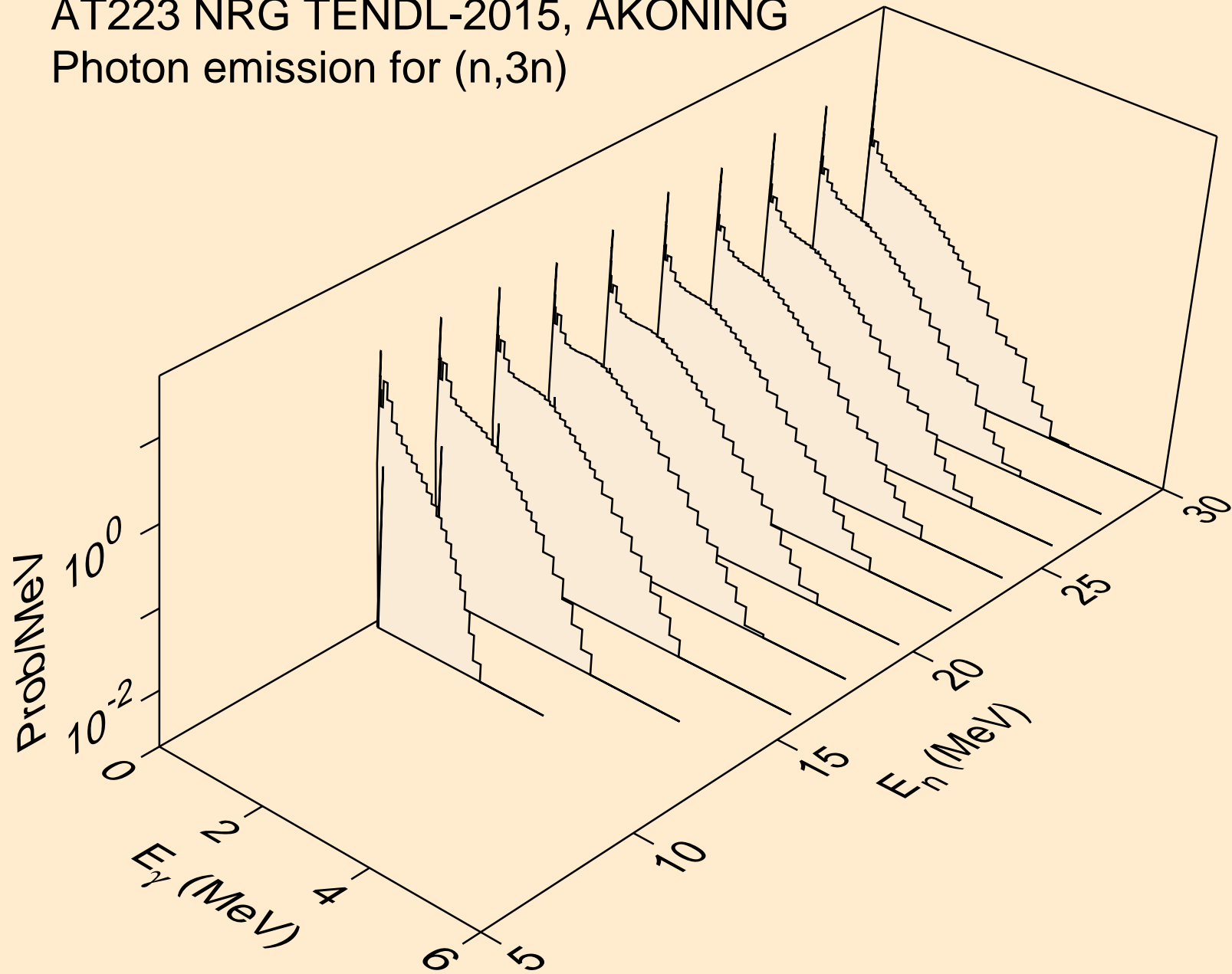
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



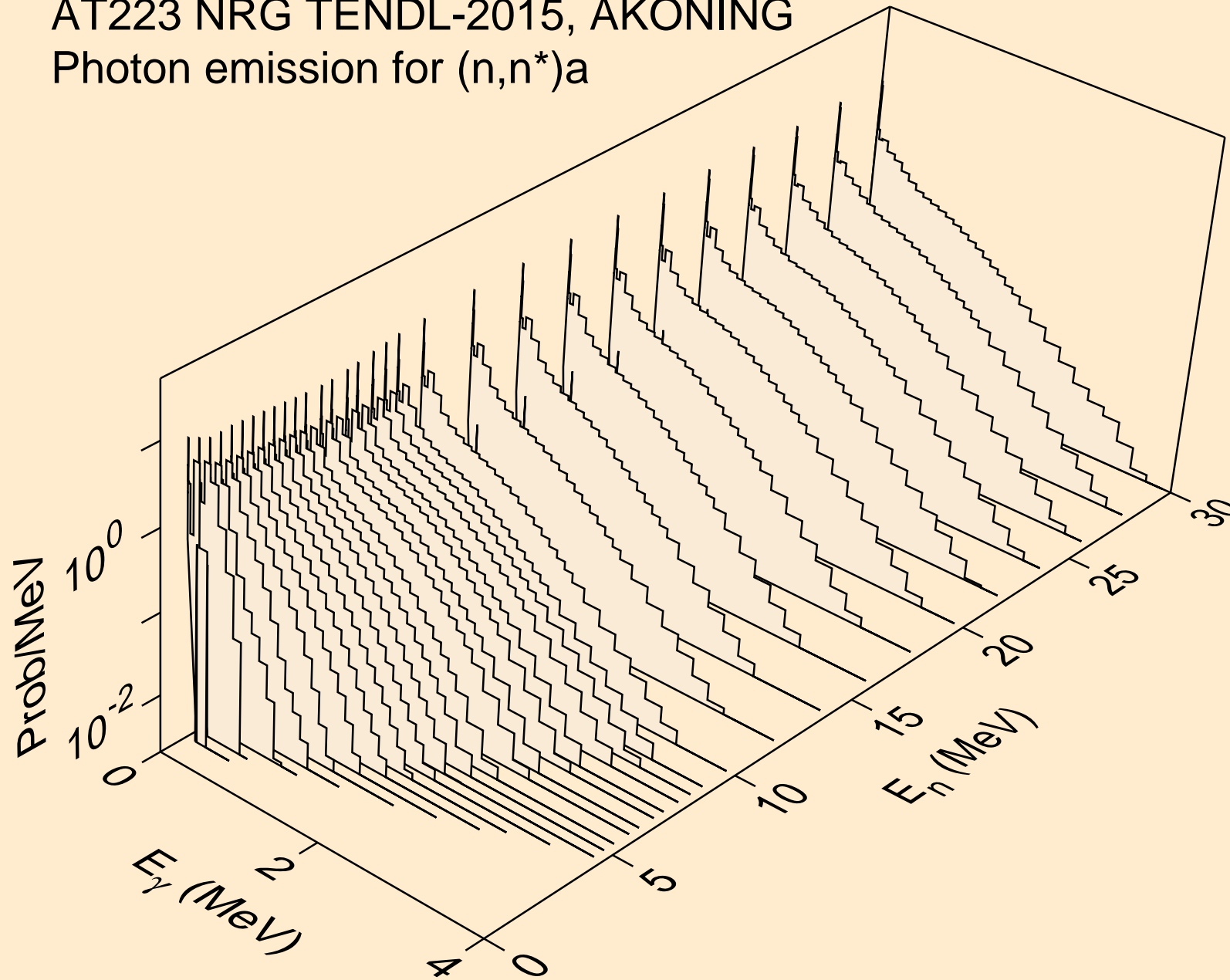
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

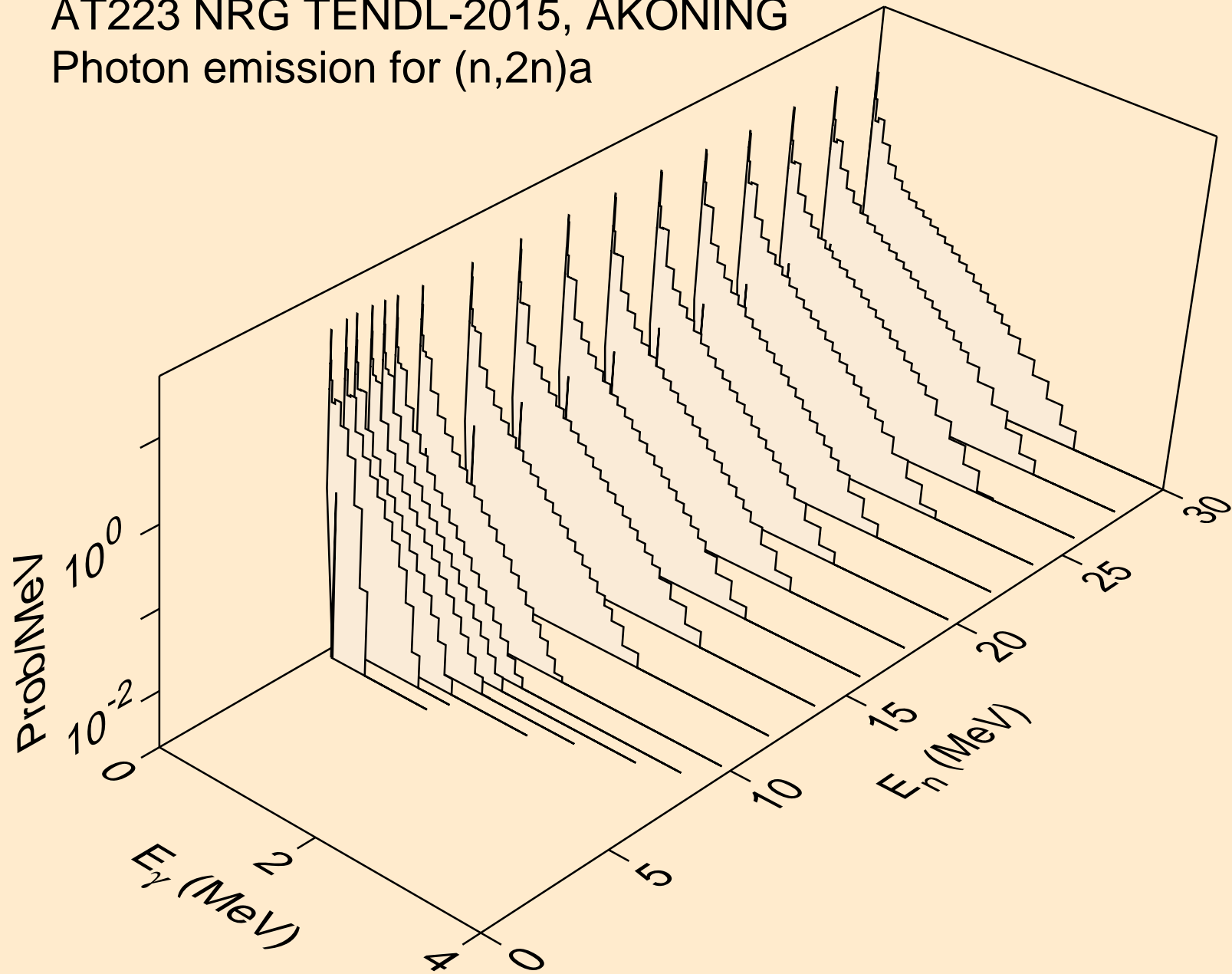


AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

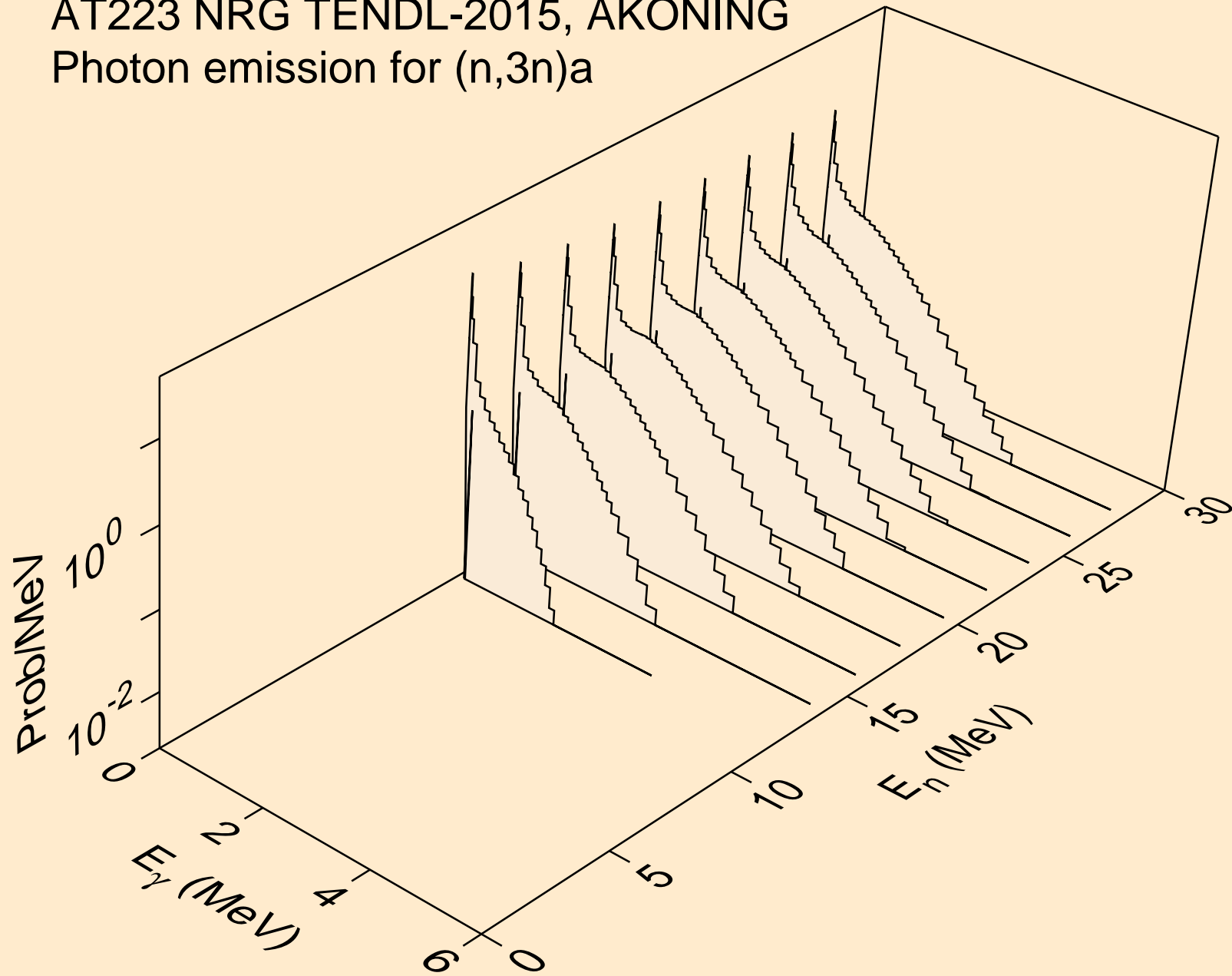




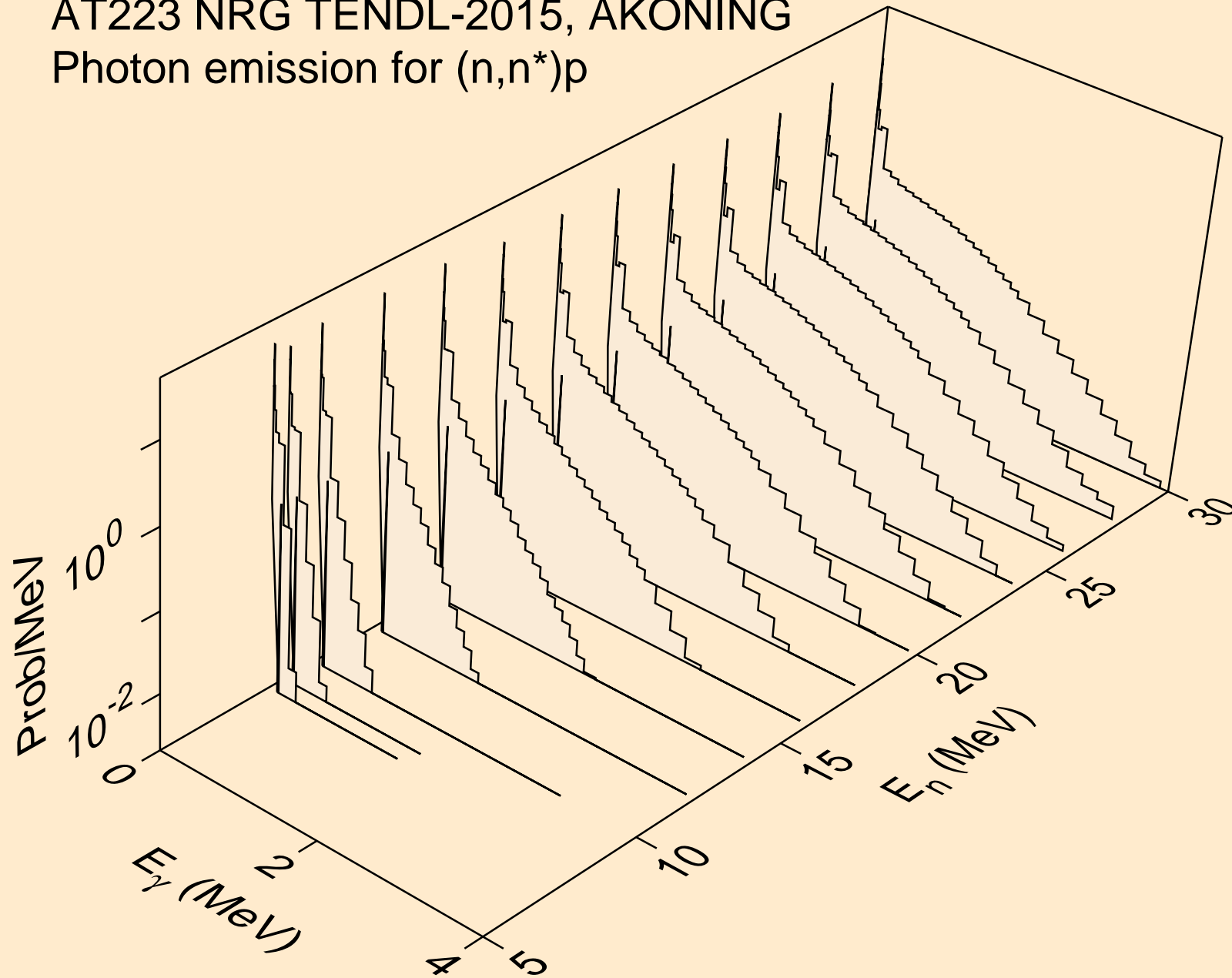
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



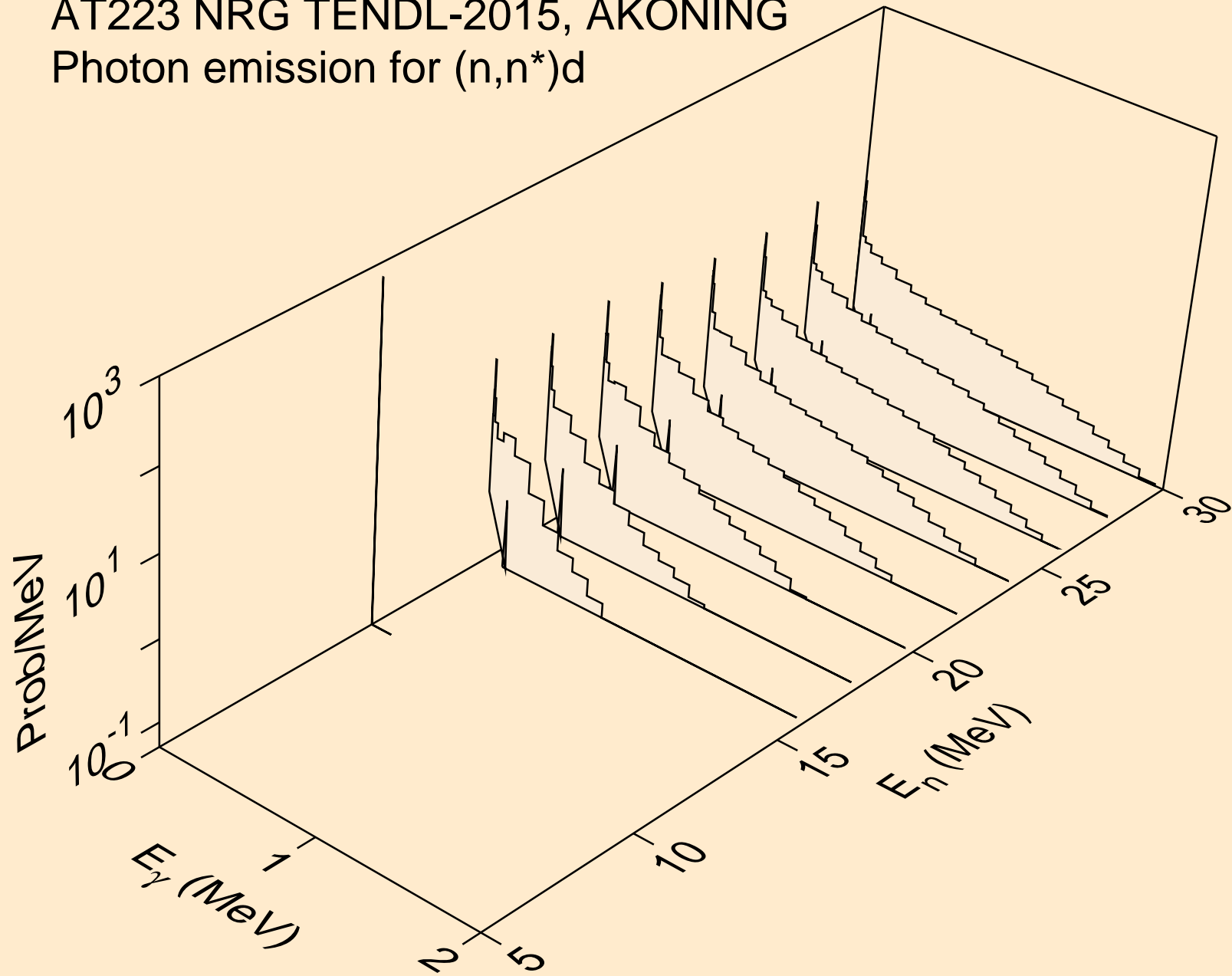
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



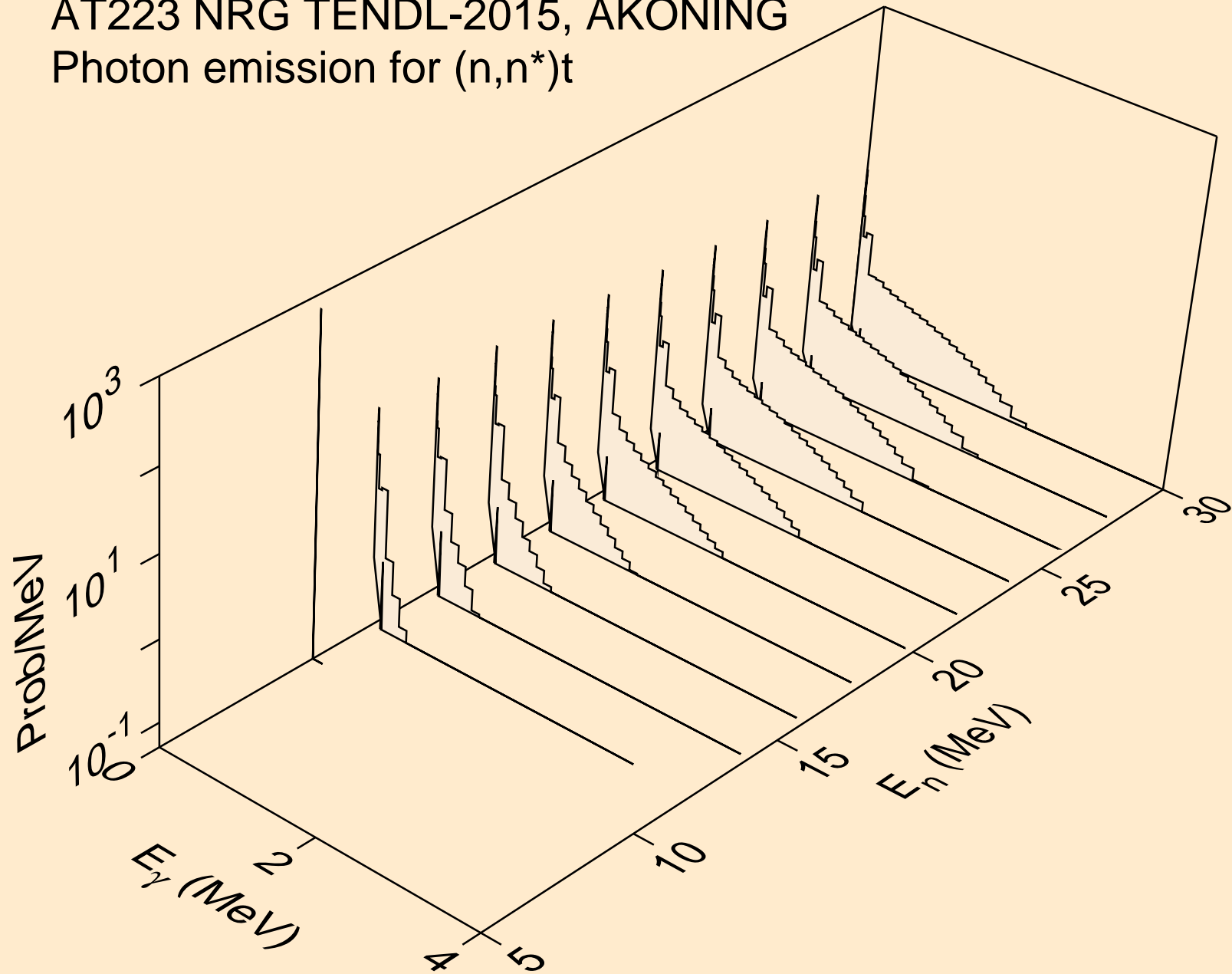
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



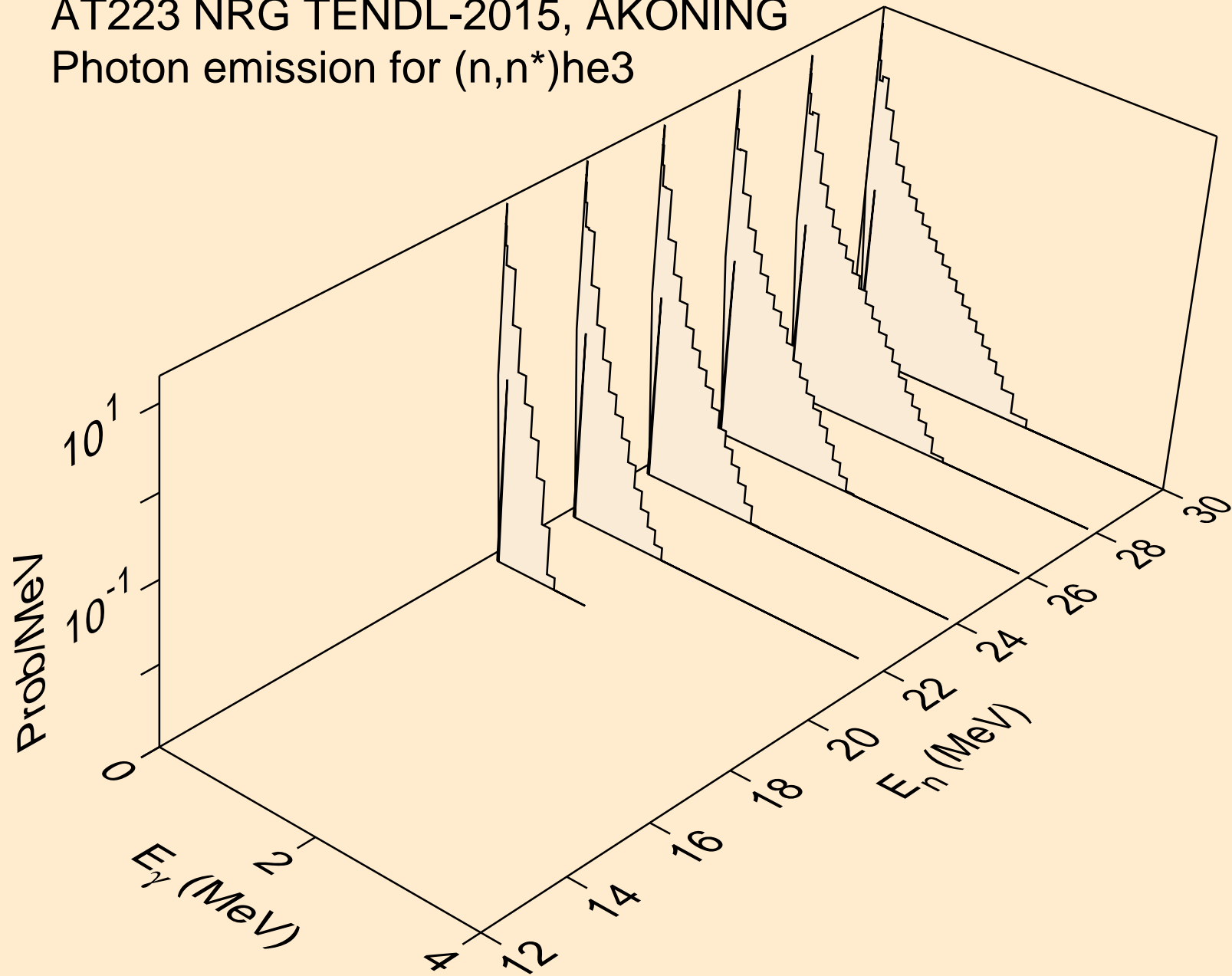
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



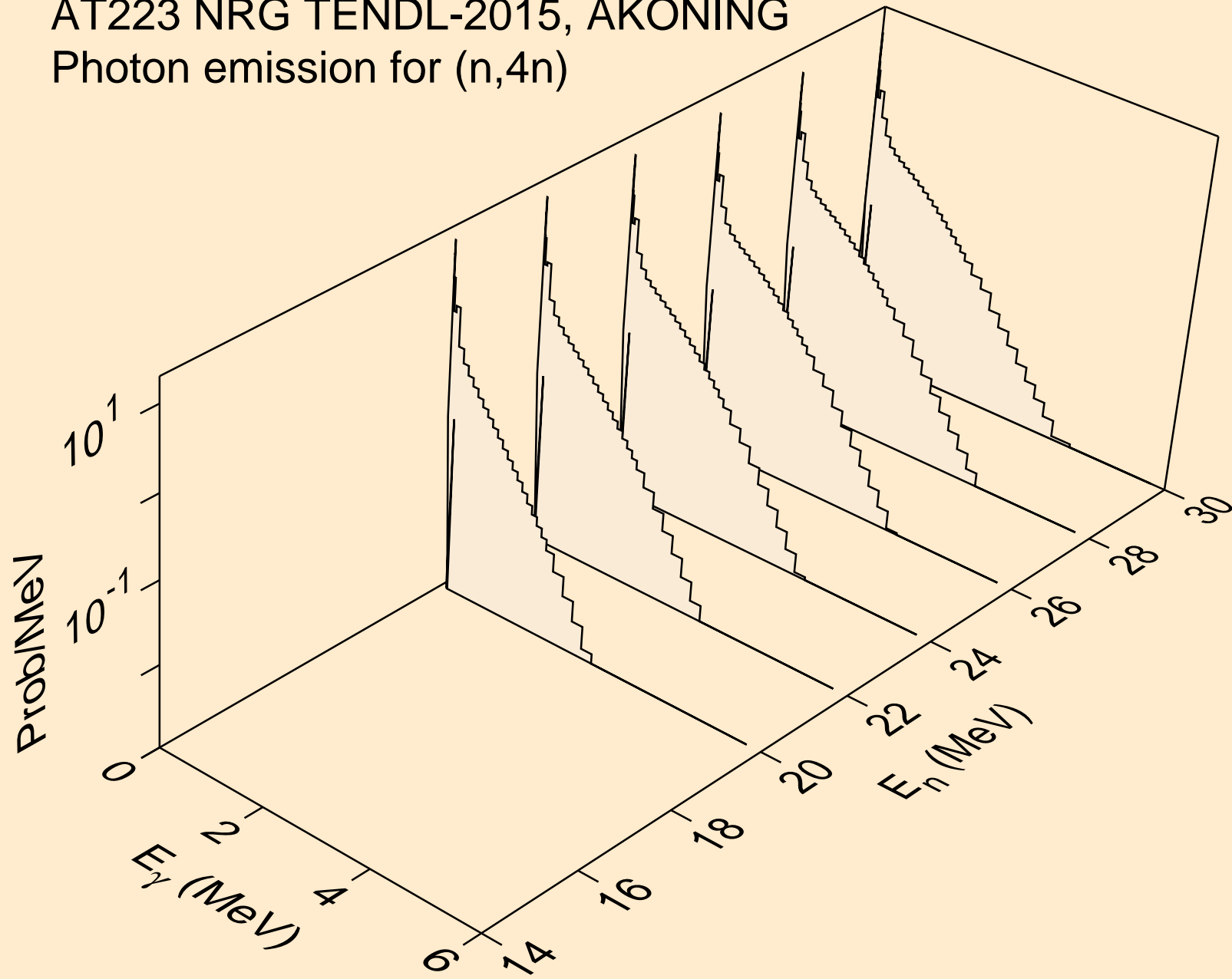
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



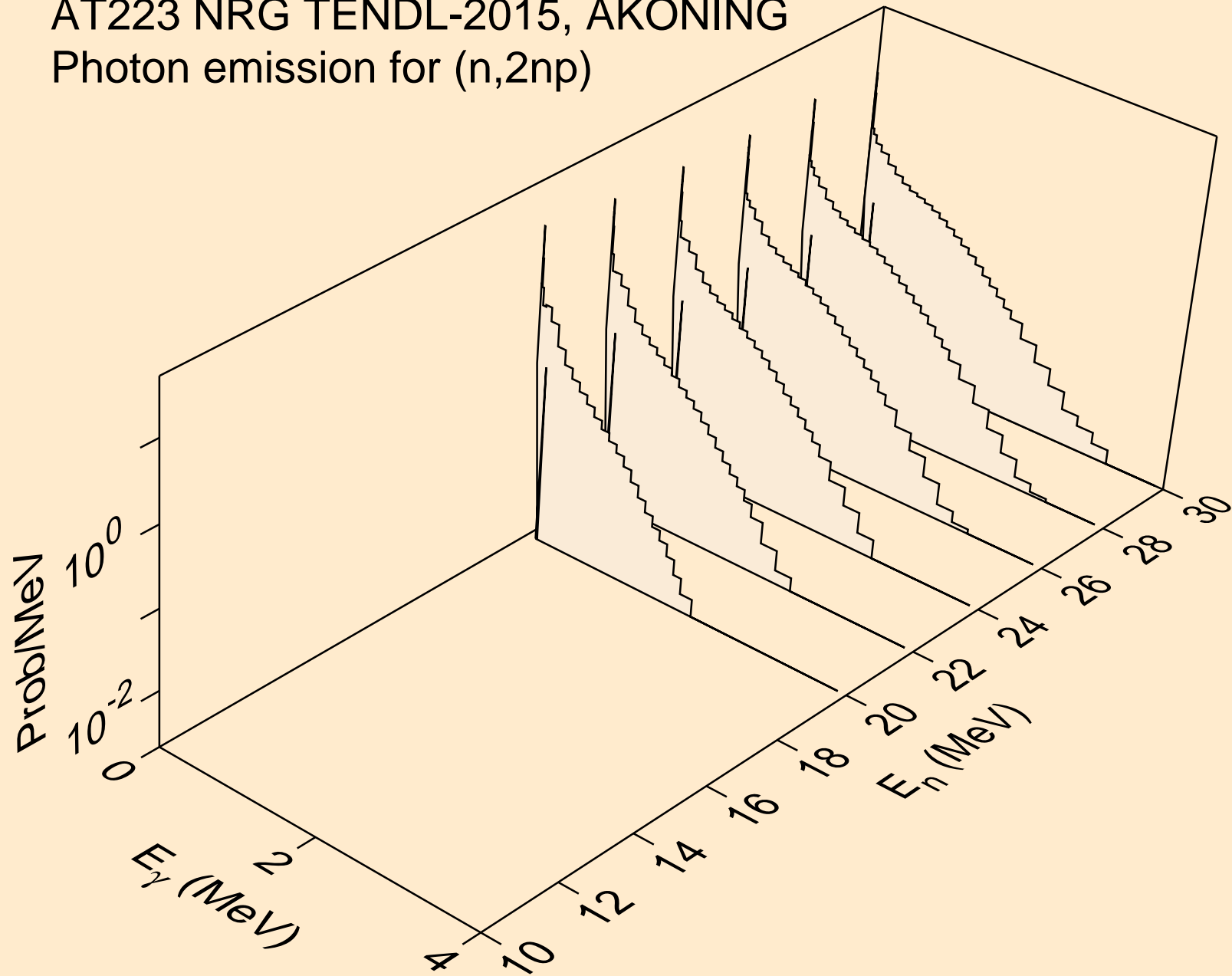
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

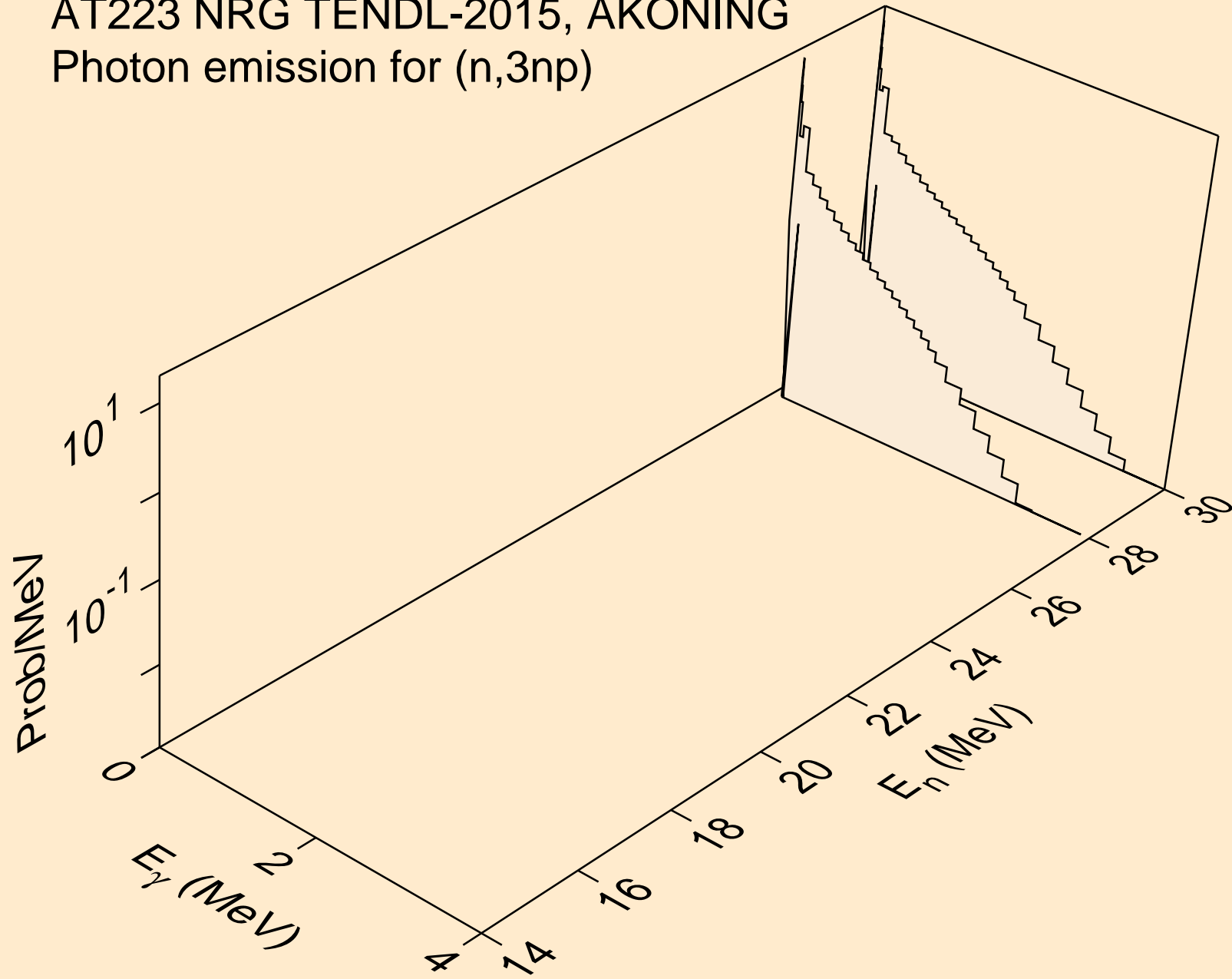


AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

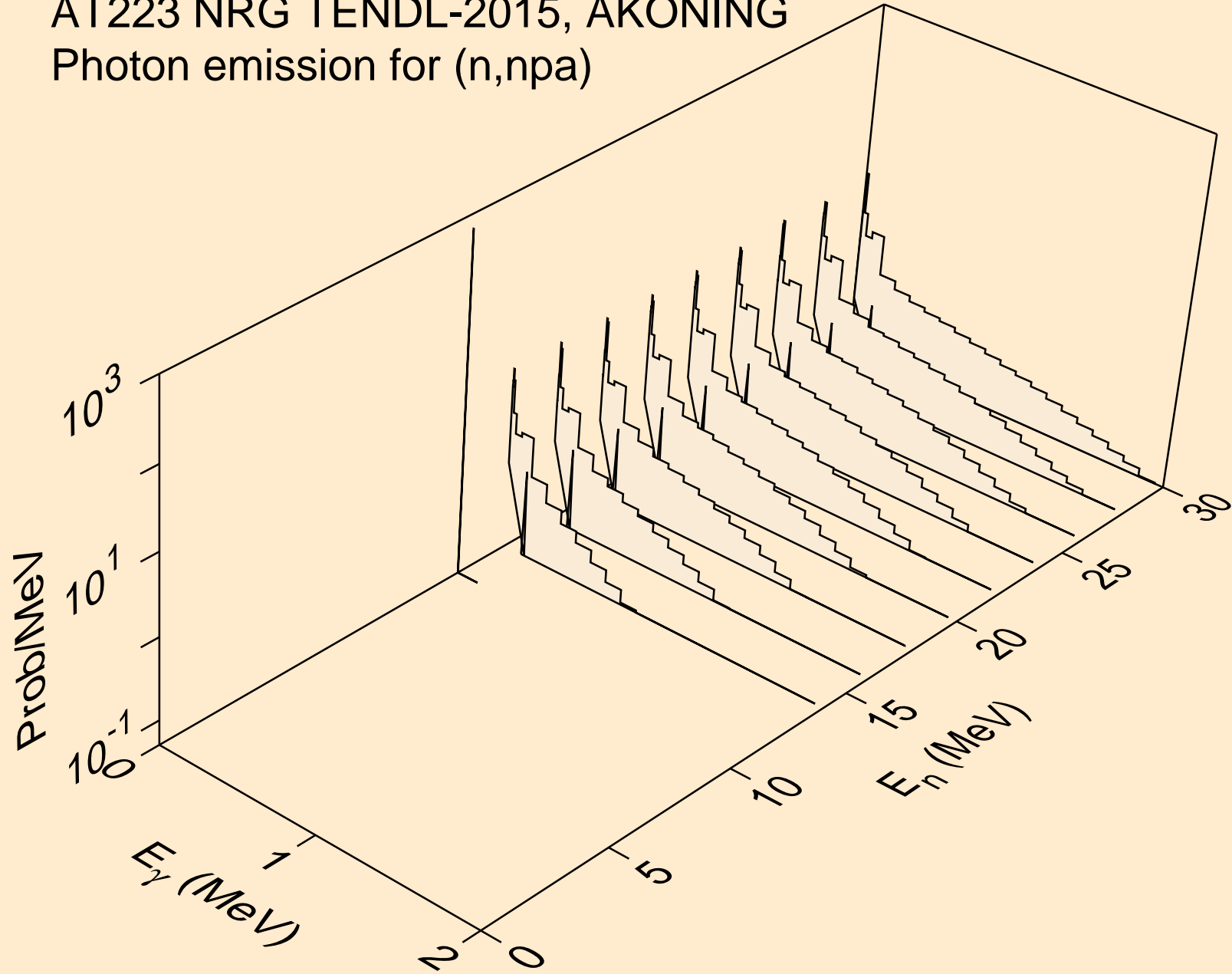




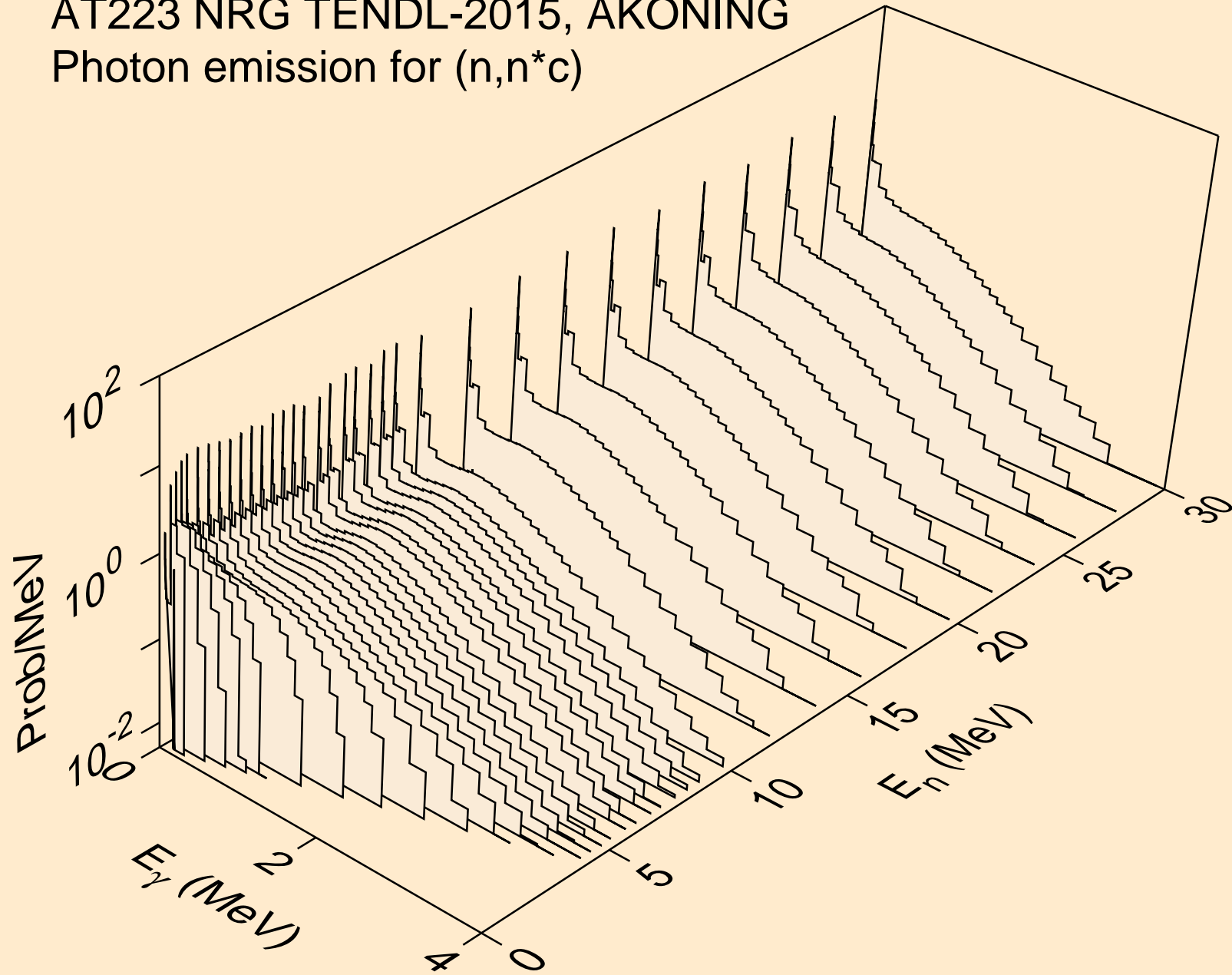
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



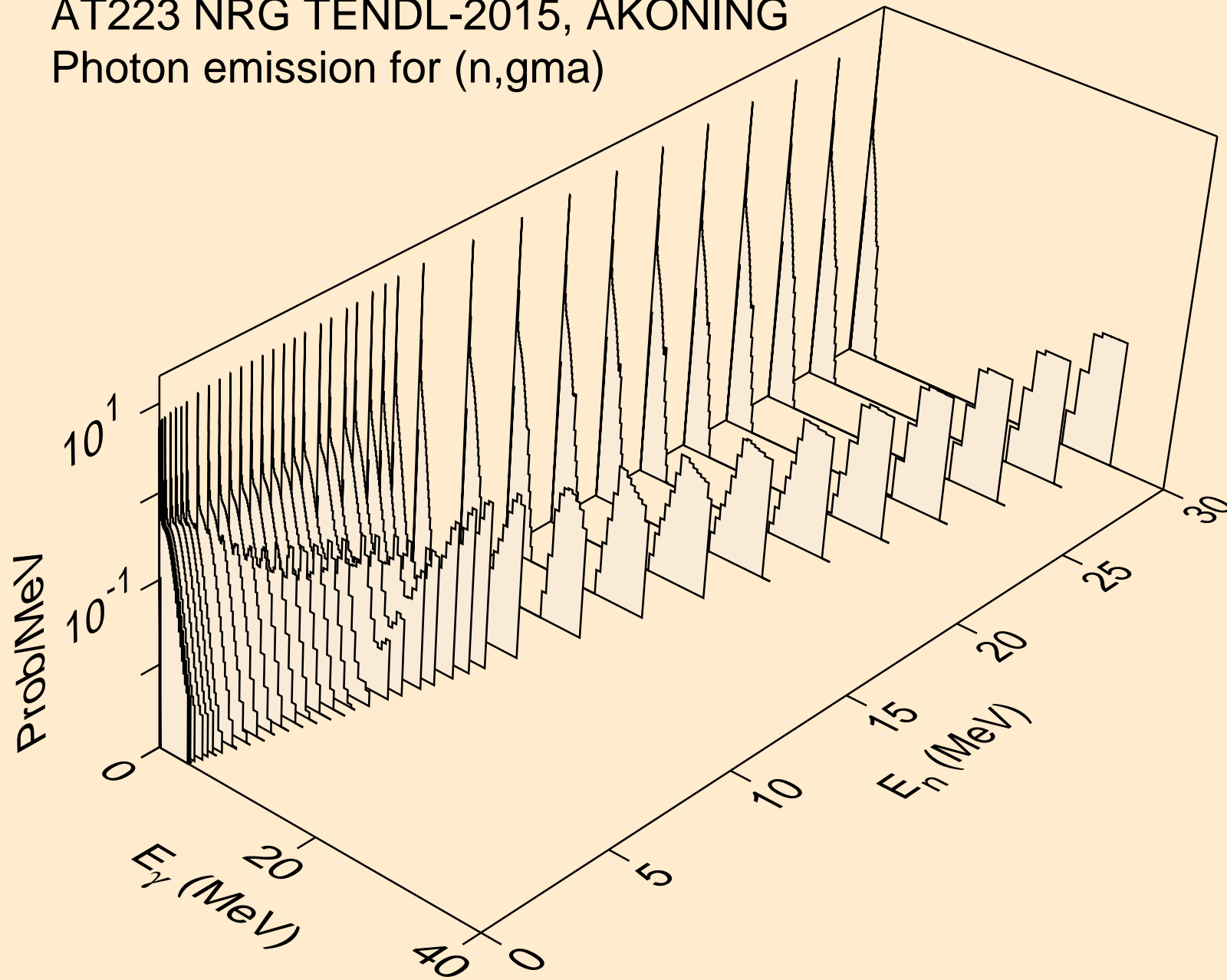
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



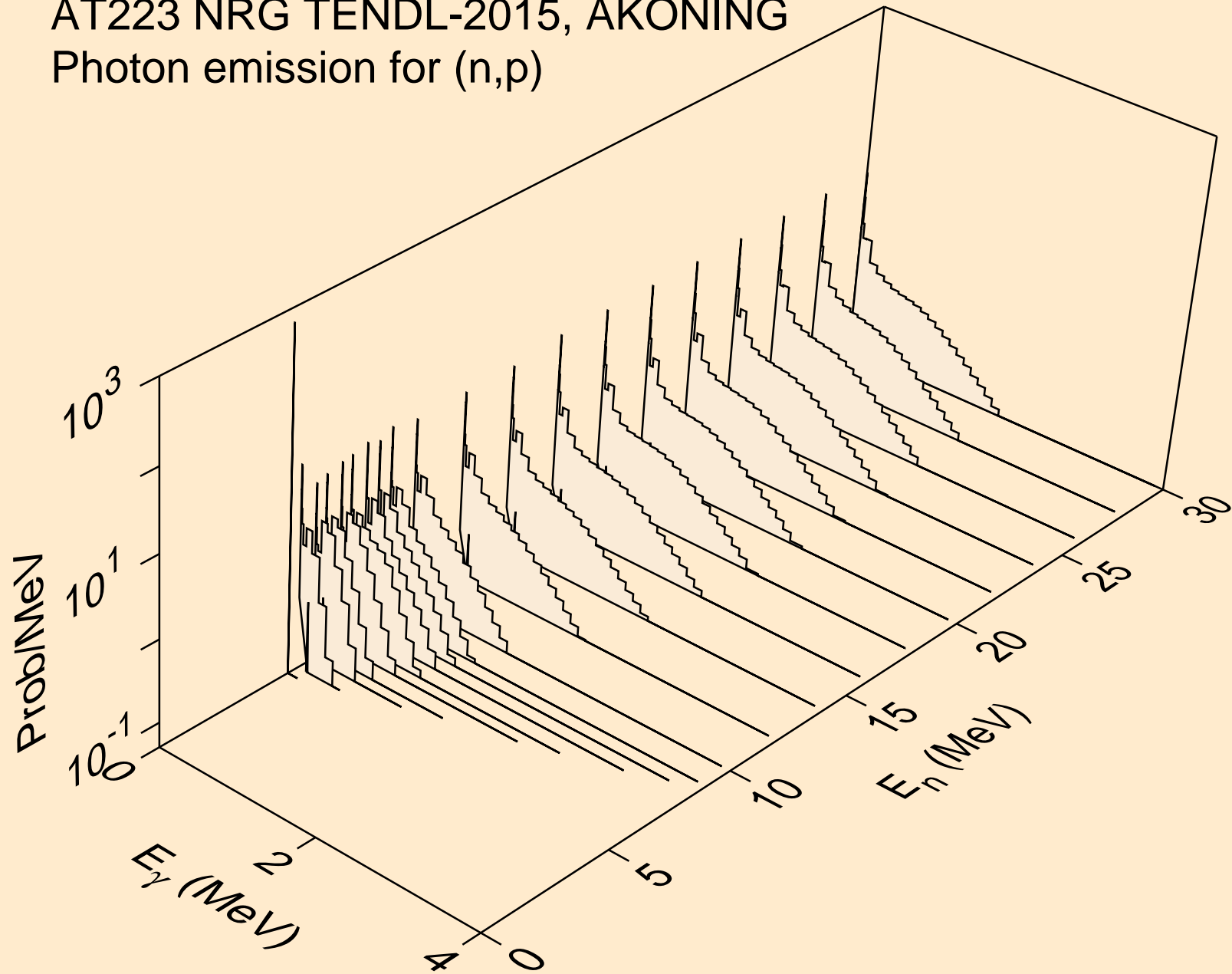
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



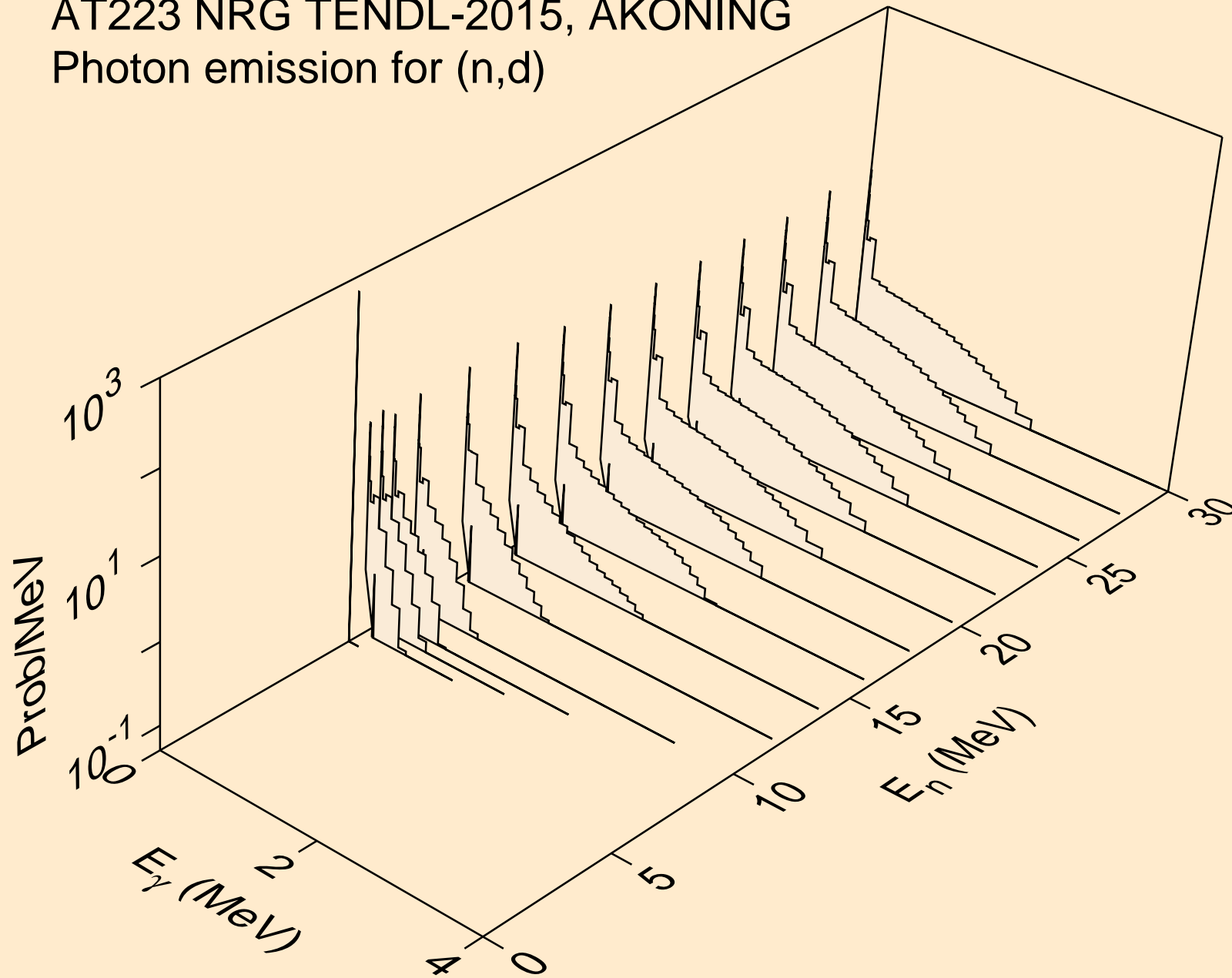
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



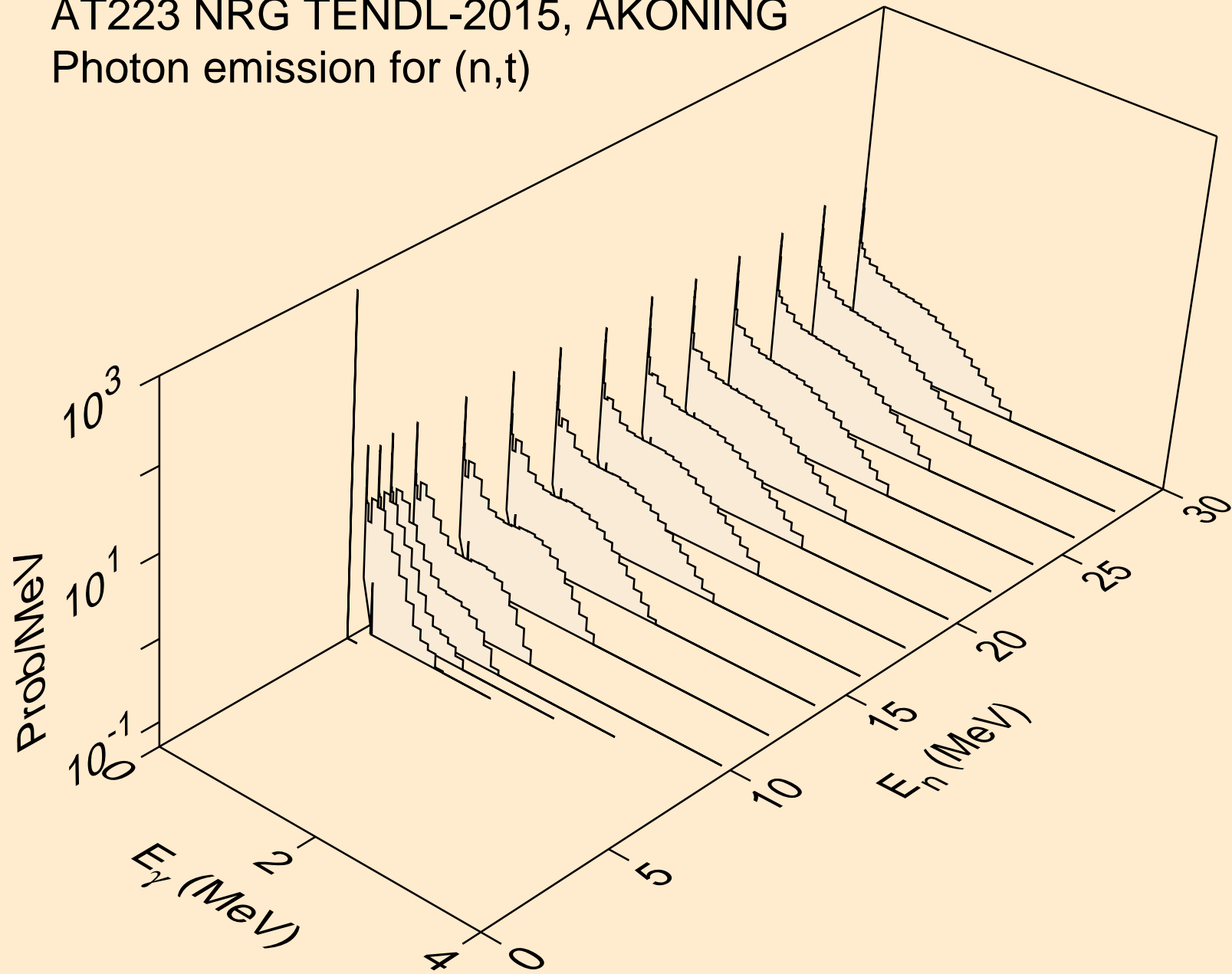
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



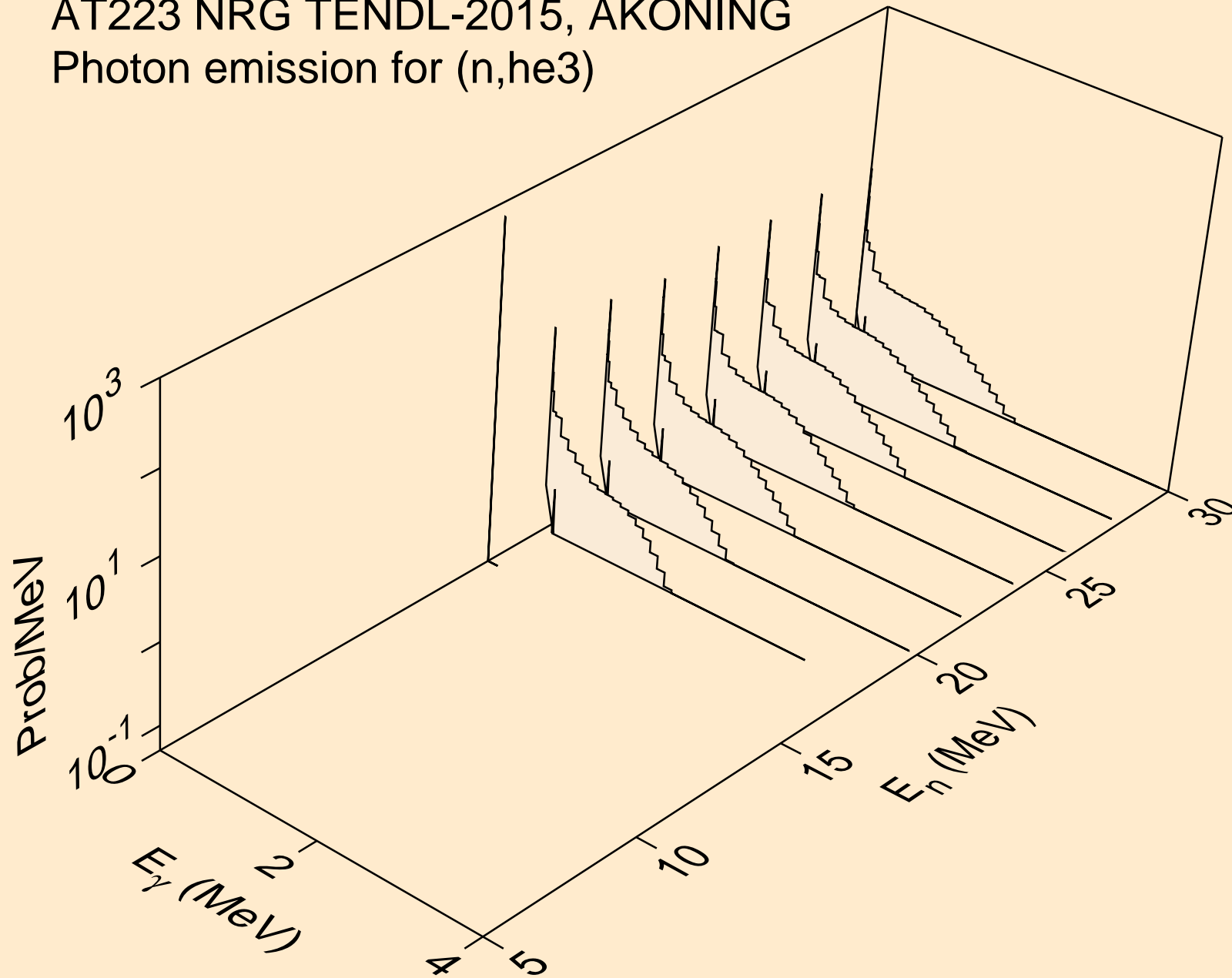
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

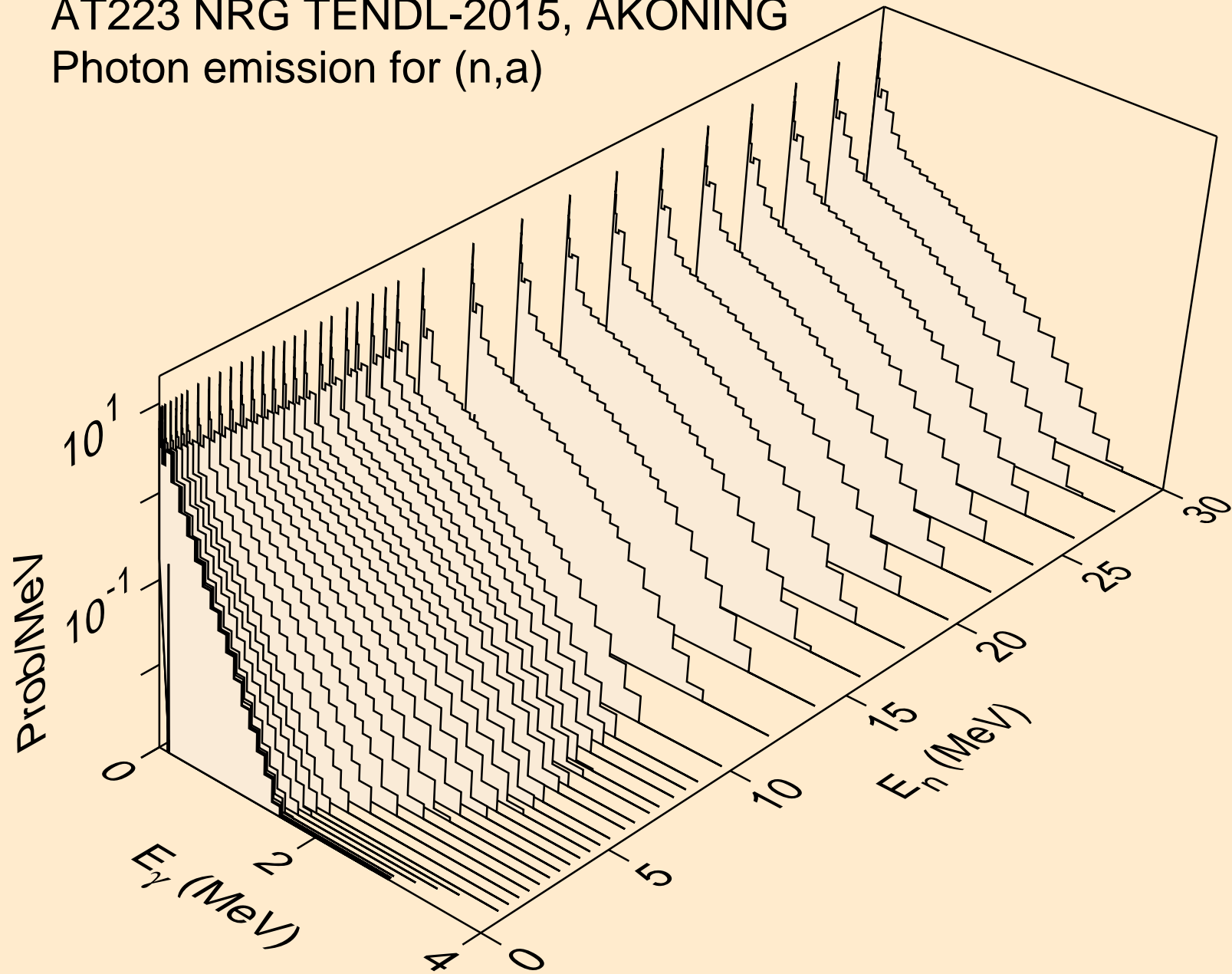


AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

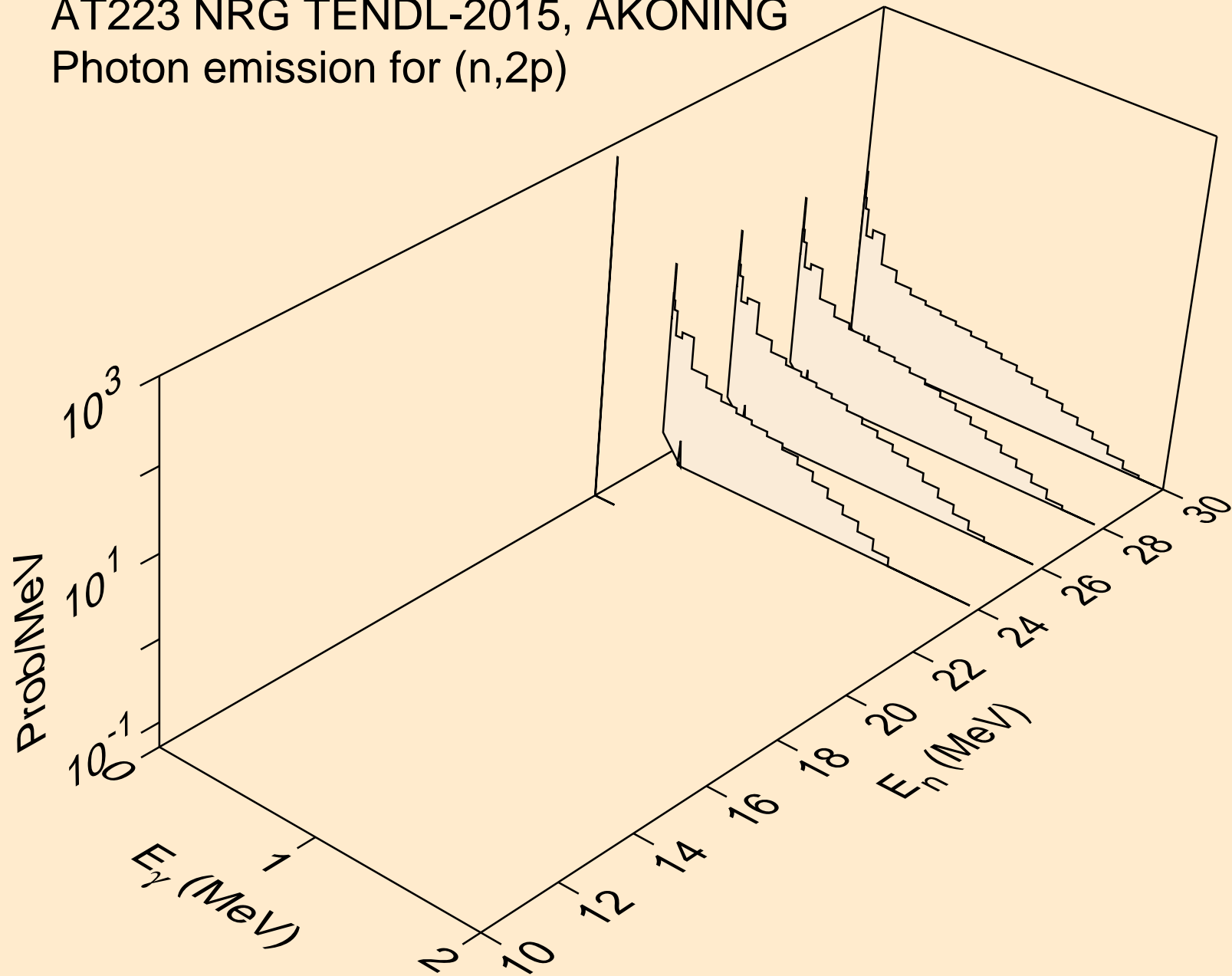




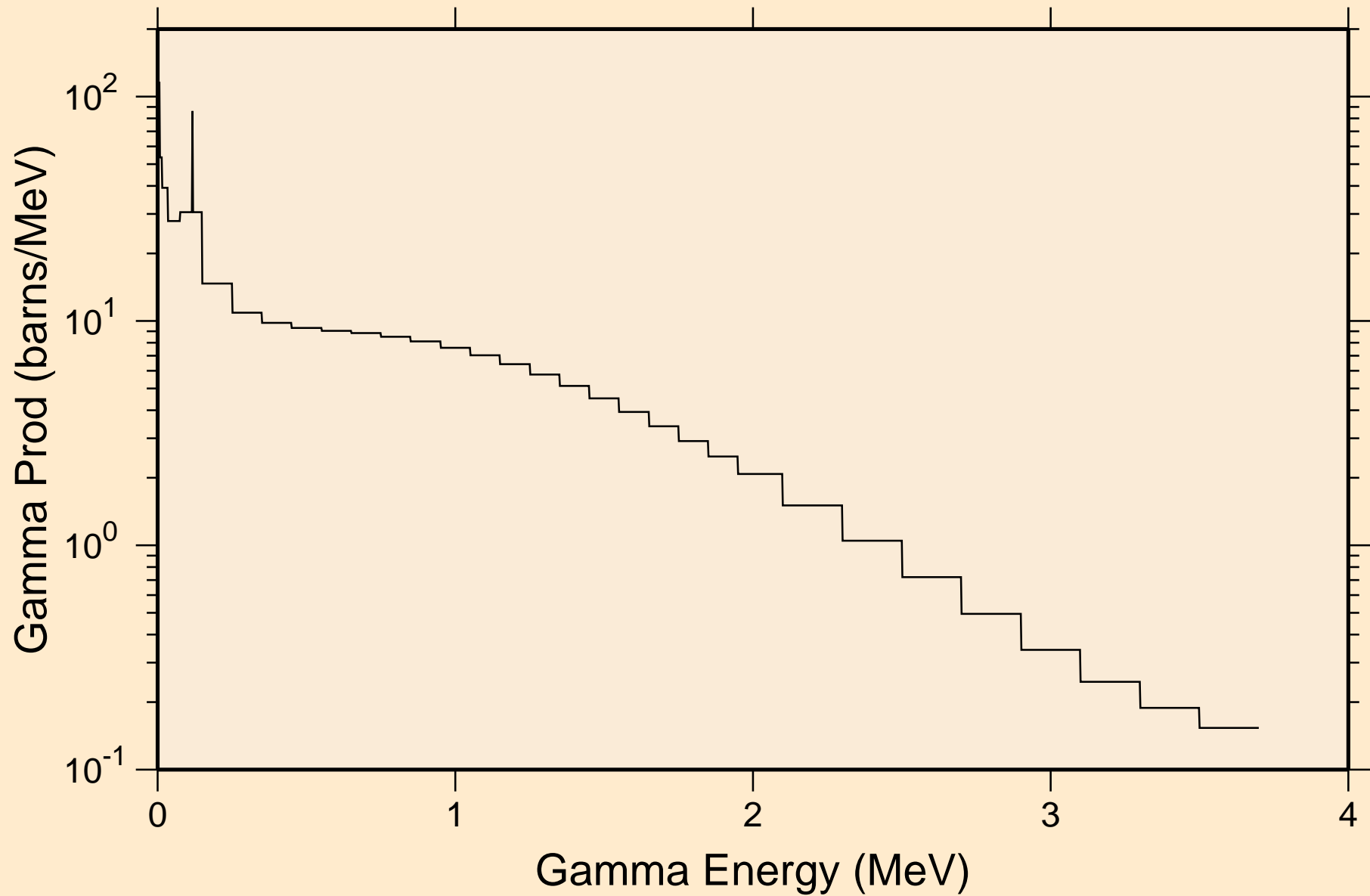
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



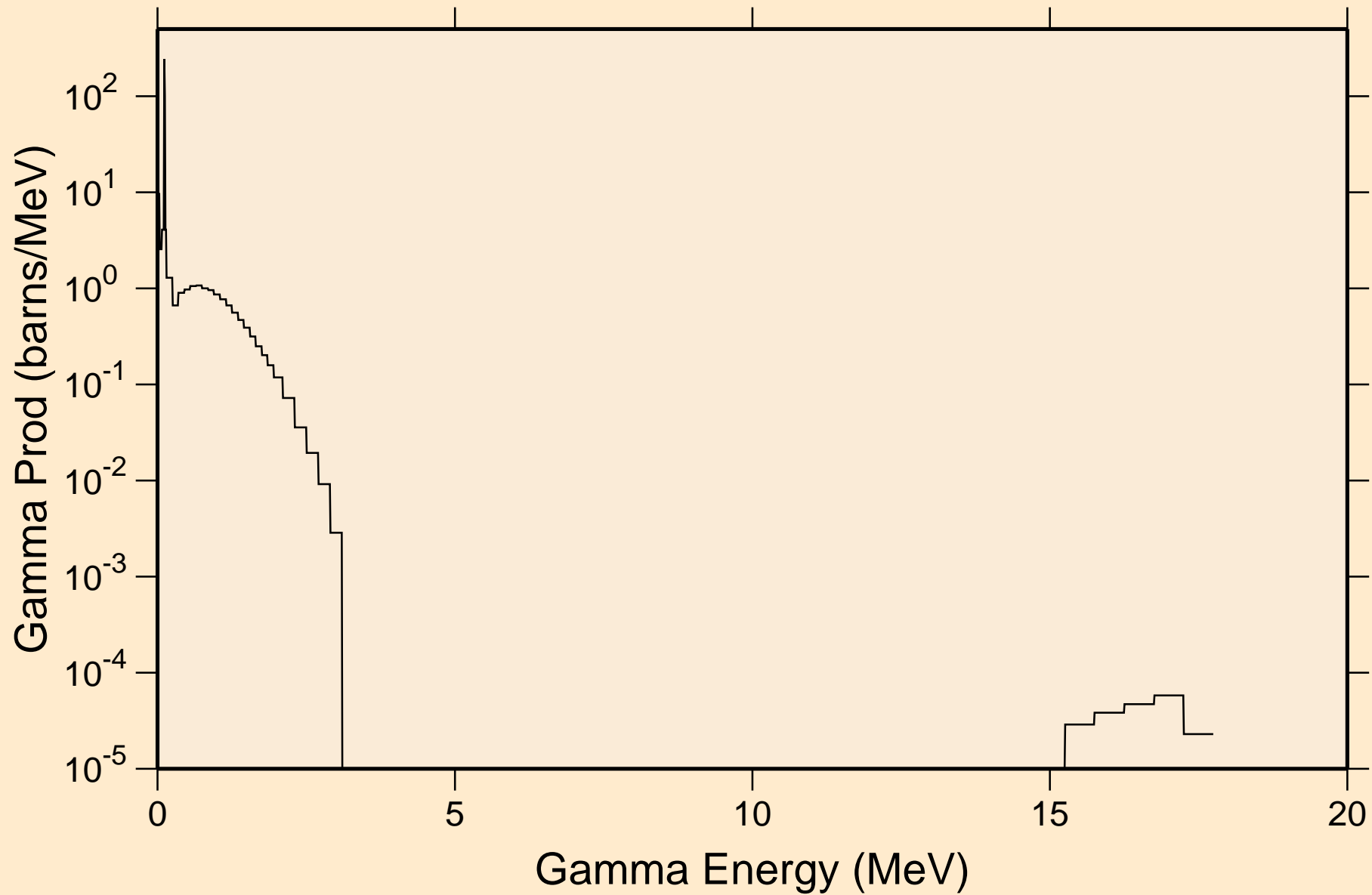
AT223 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



AT223 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

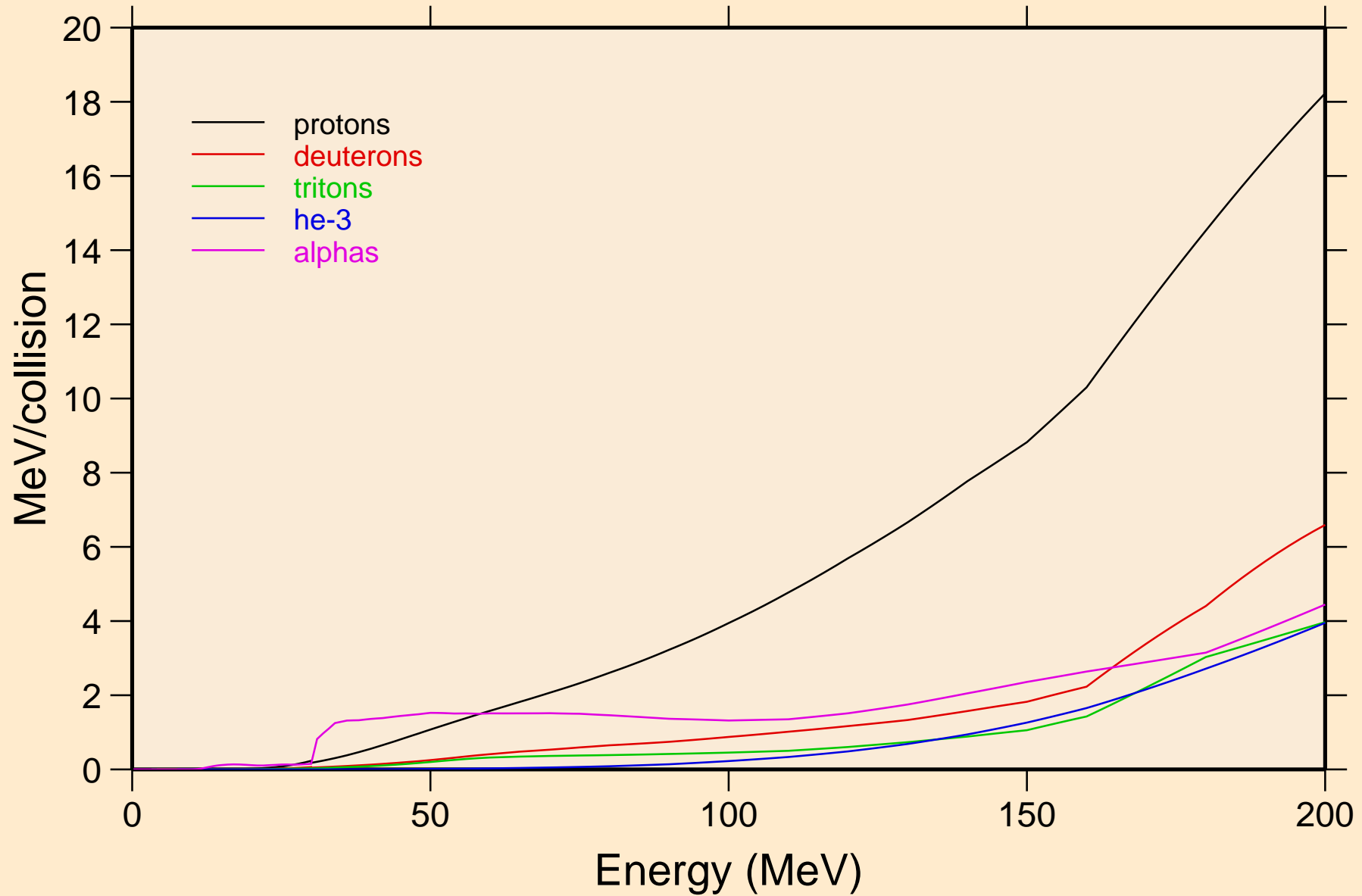


AT223 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



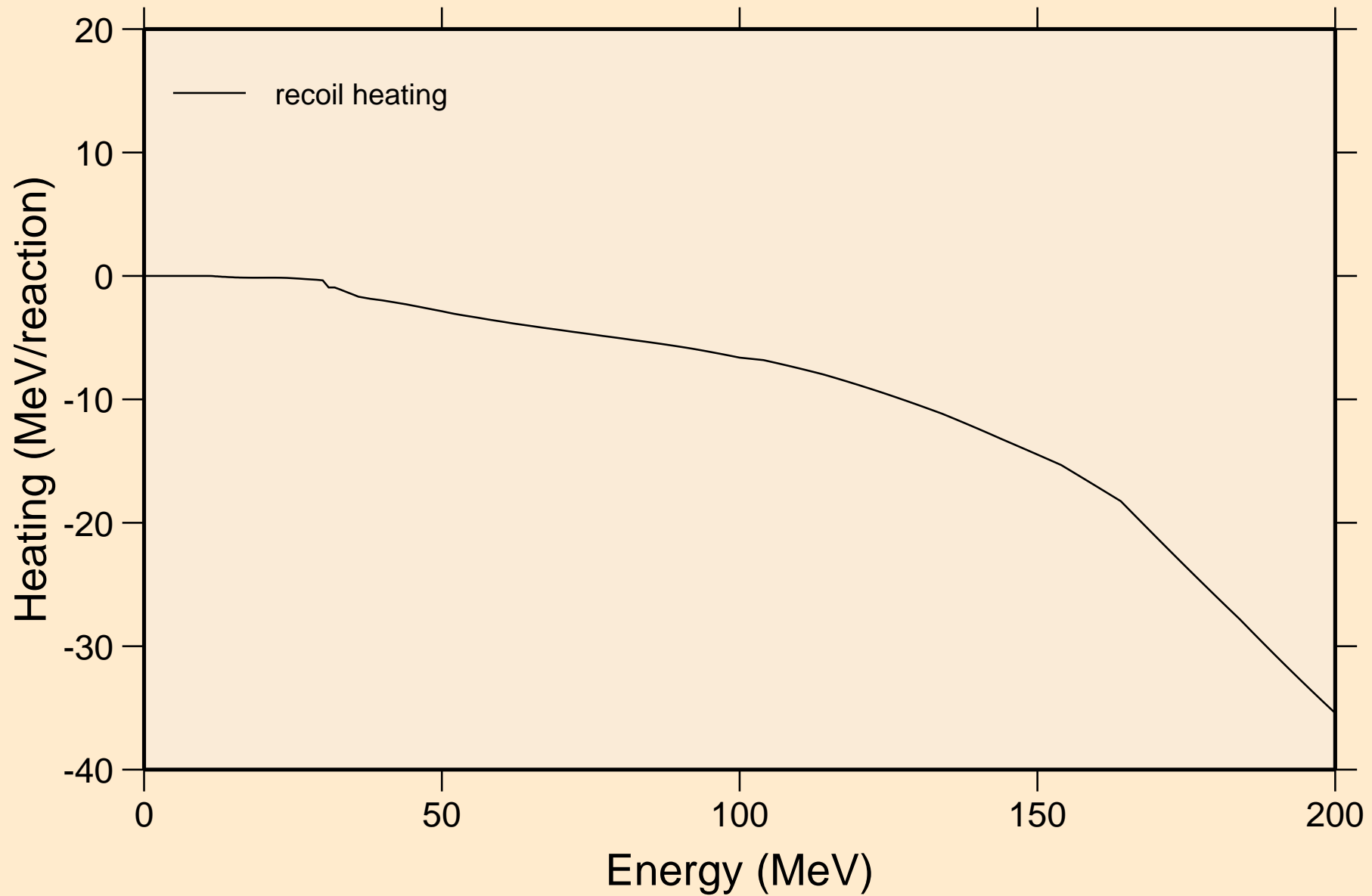
# AT223 NRG TENDL-2015, AKONING

## Particle heating contributions



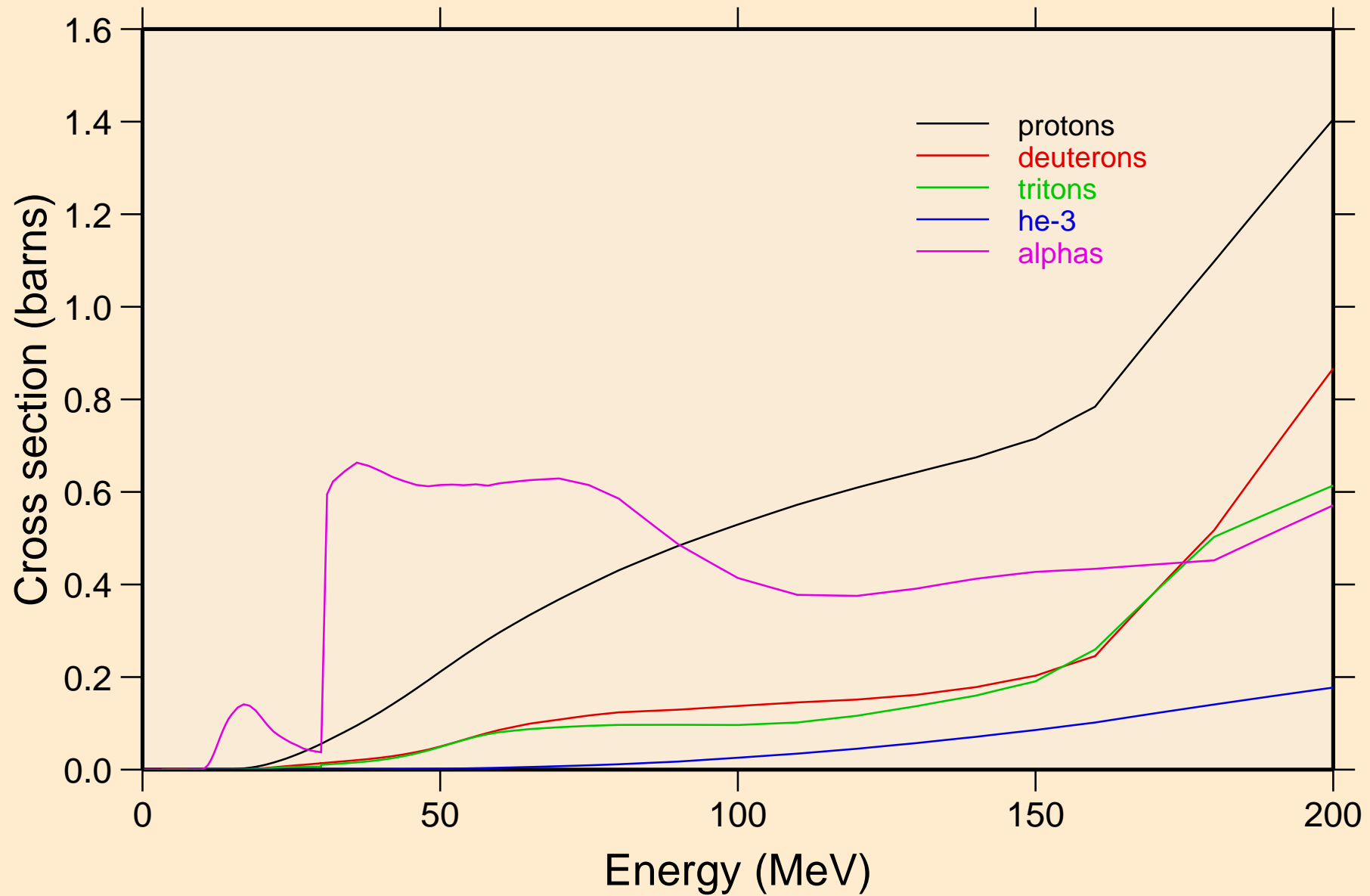
# AT223 NRG TENDL-2015, AKONING

## Recoil Heating

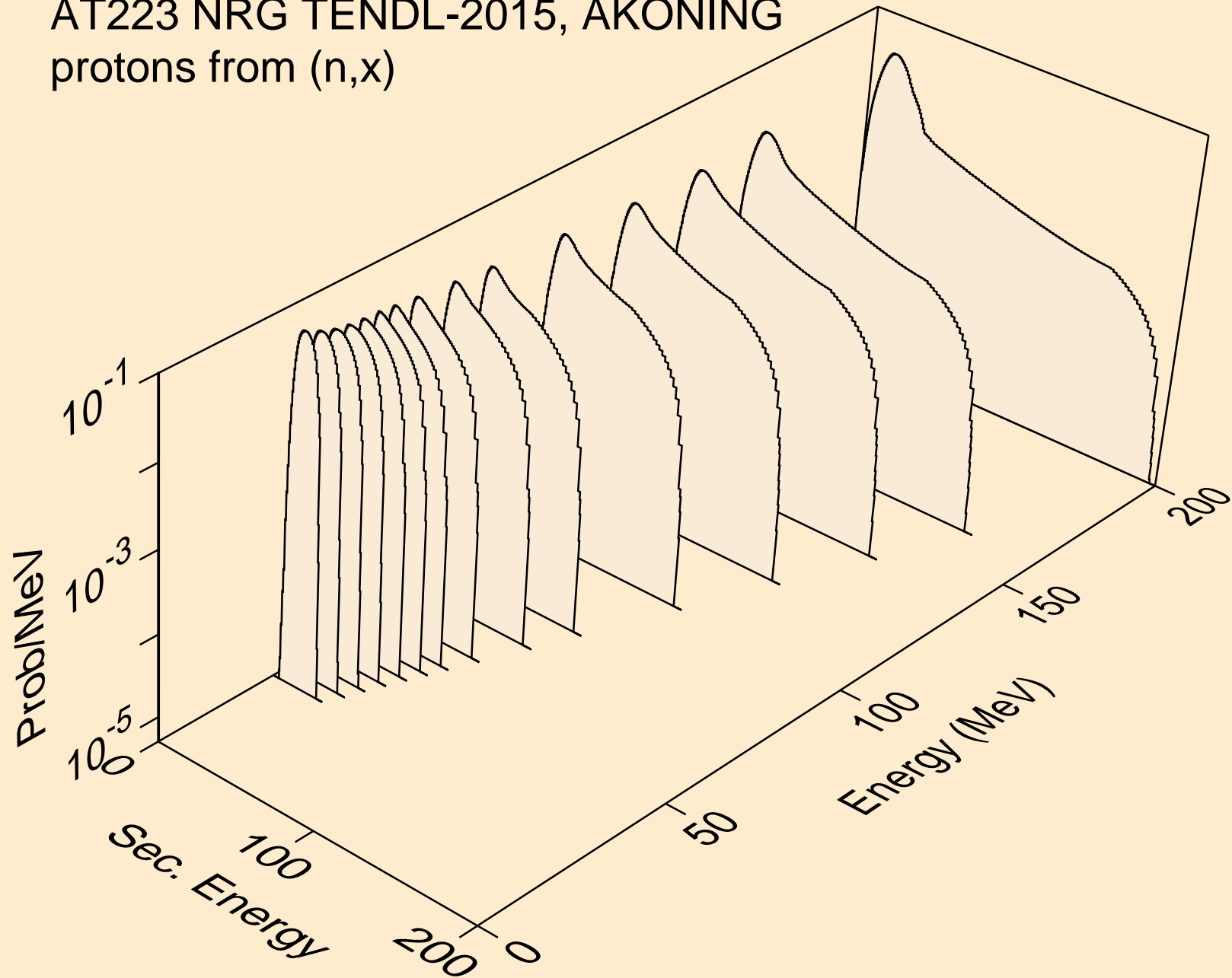


# AT223 NRG TENDL-2015, AKONING

## Particle production cross sections

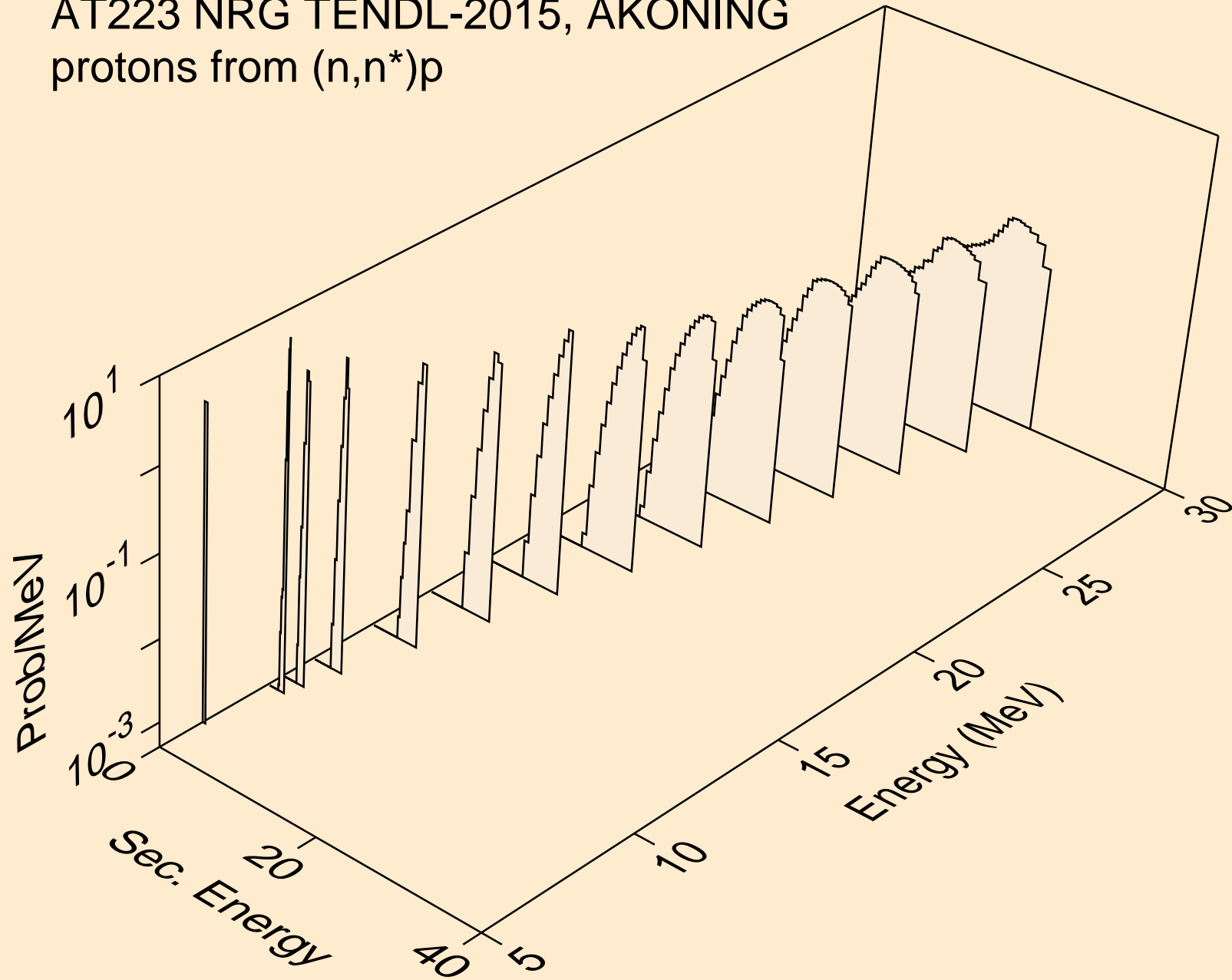


AT223 NRG TENDL-2015, AKONING  
protons from (n,x)

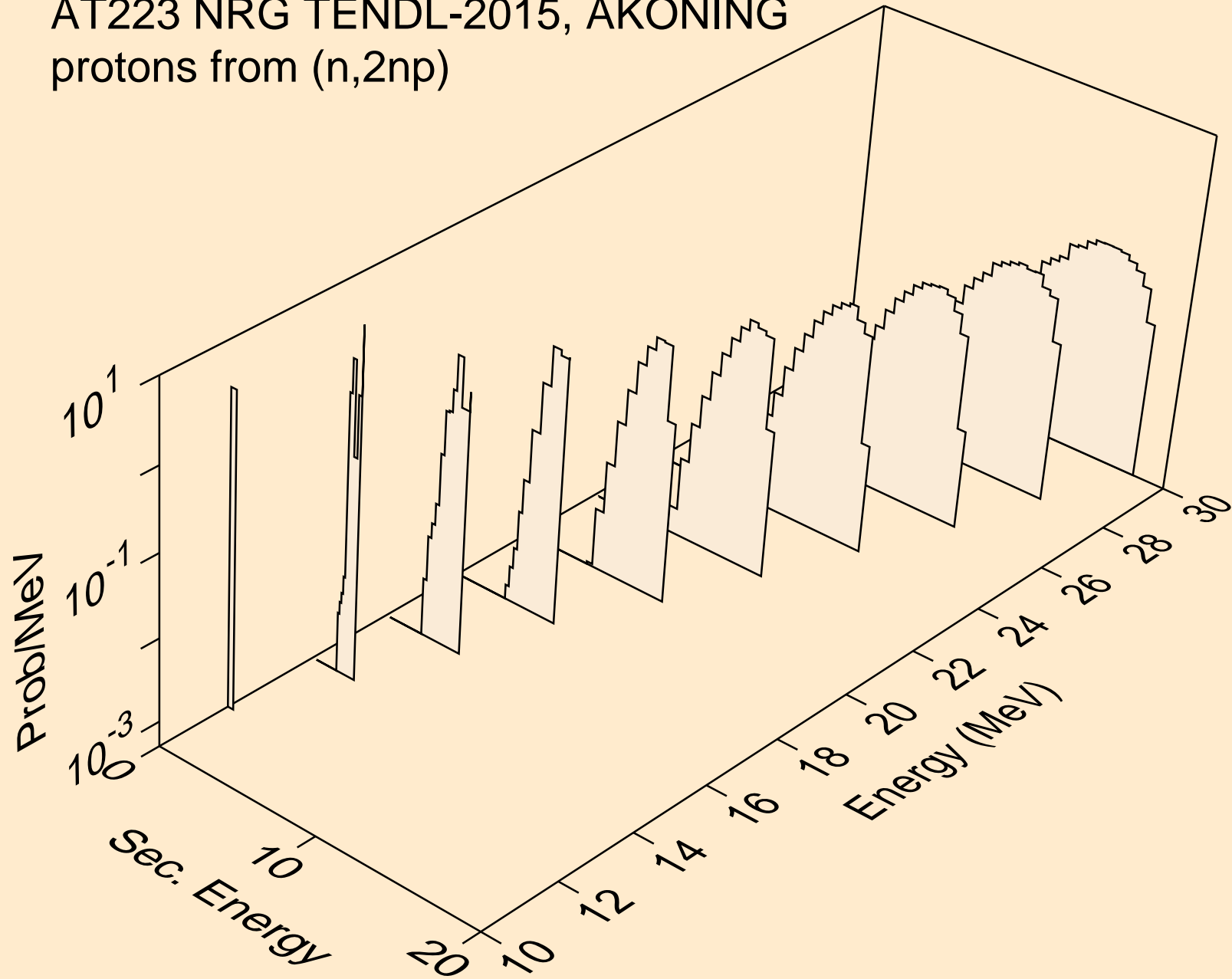




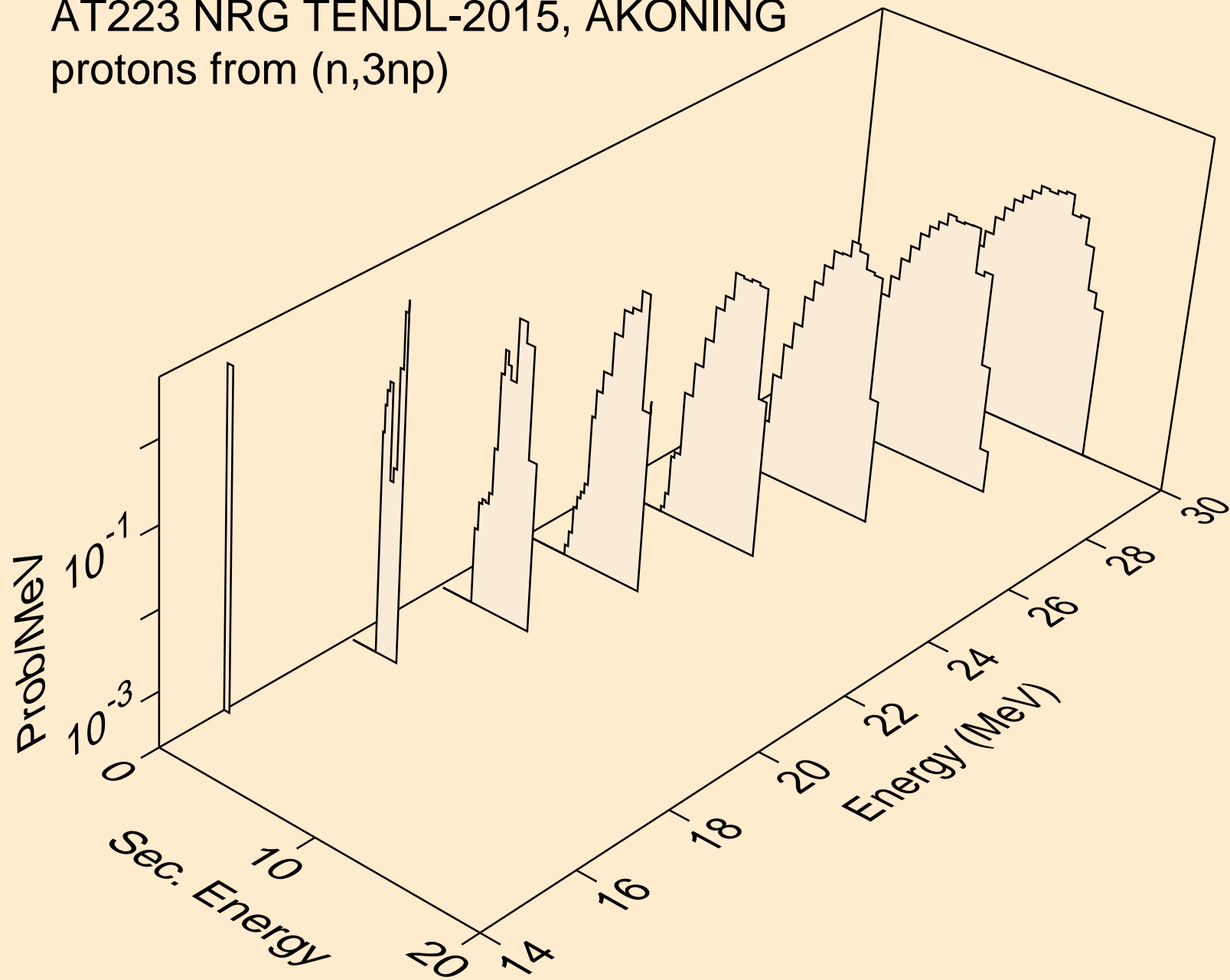
AT223 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



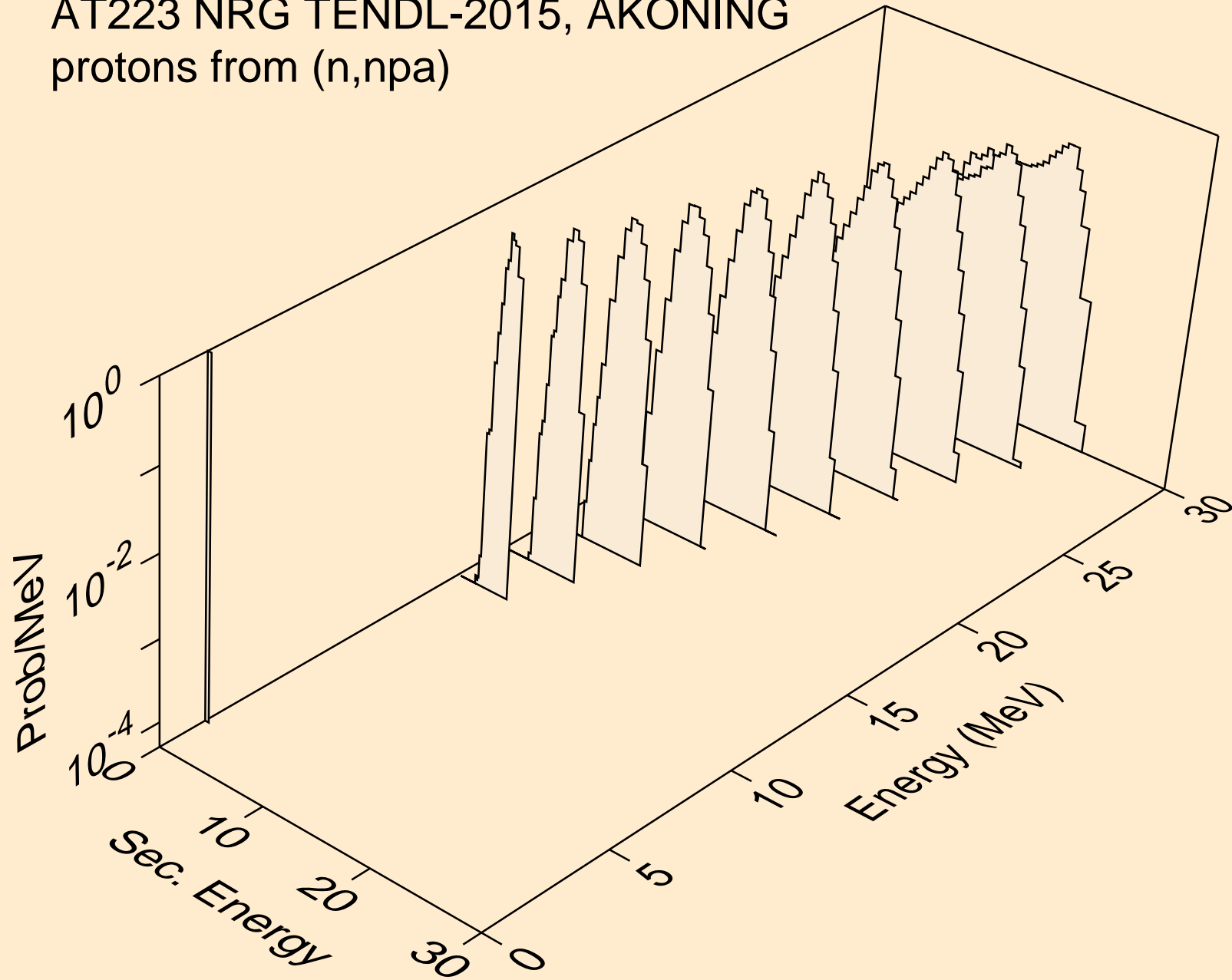
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protons from (n,2np)



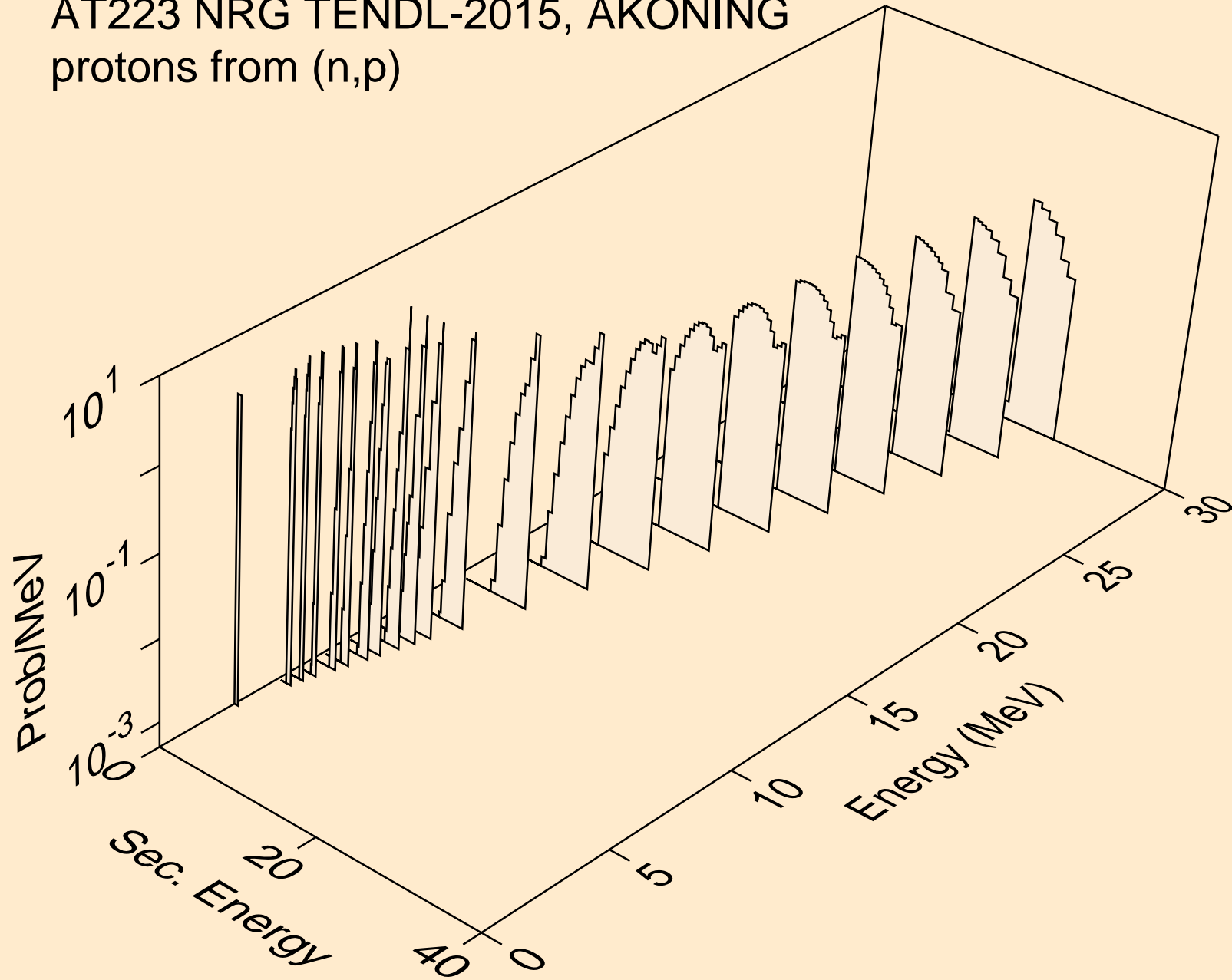
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protons from (n,3np)



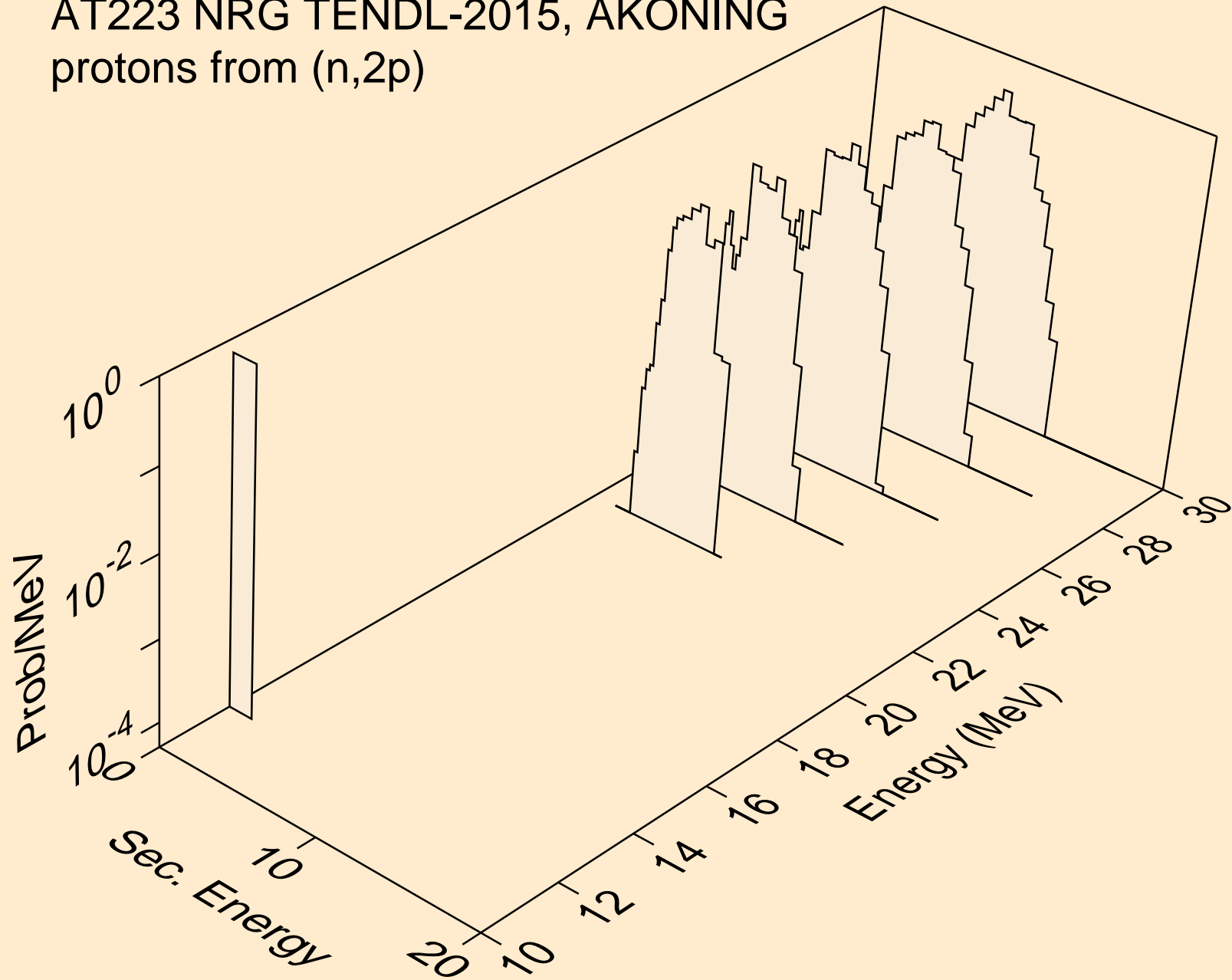
AT223 NRG TENDL-2015, AKONING  
protons from (n,npa)



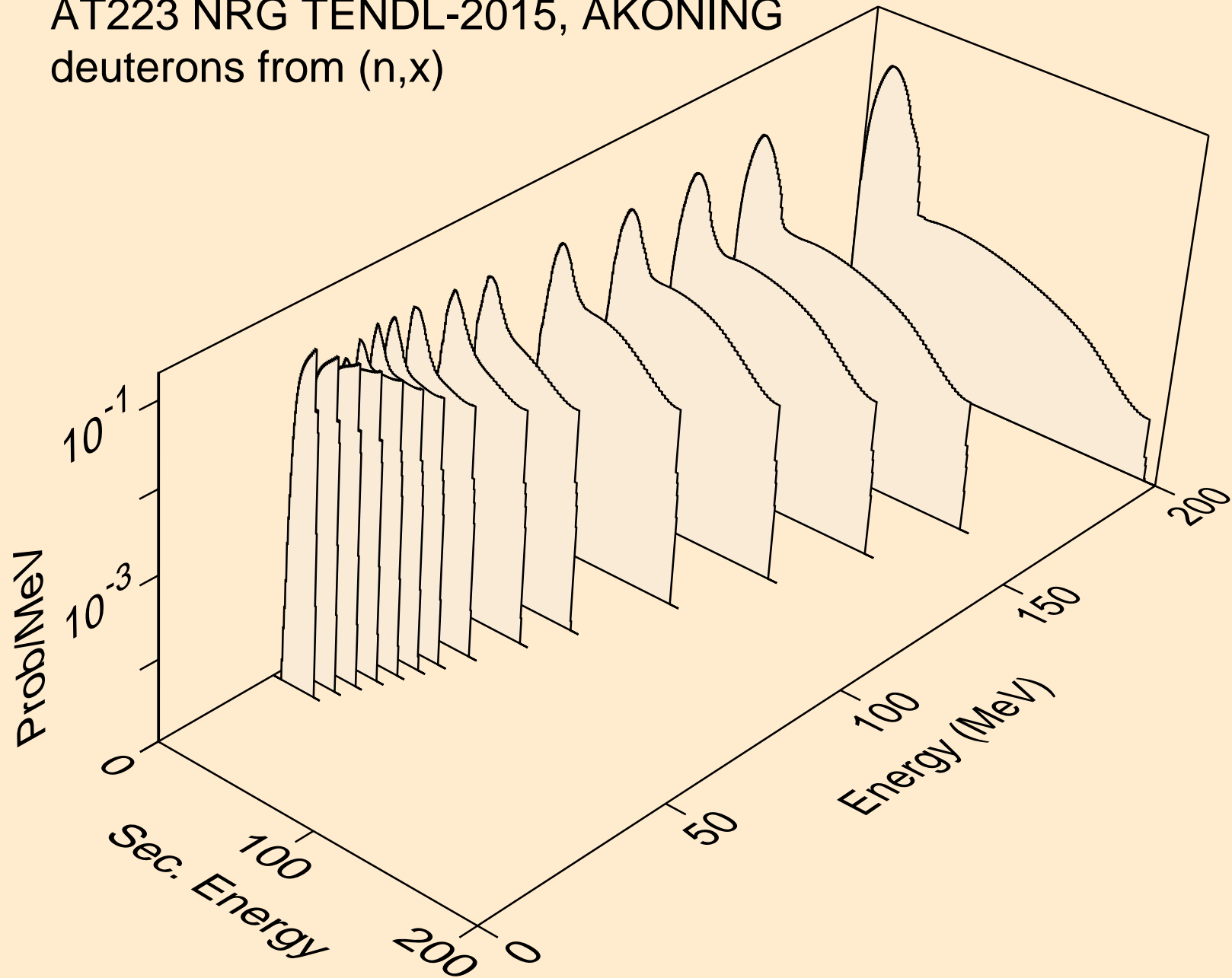
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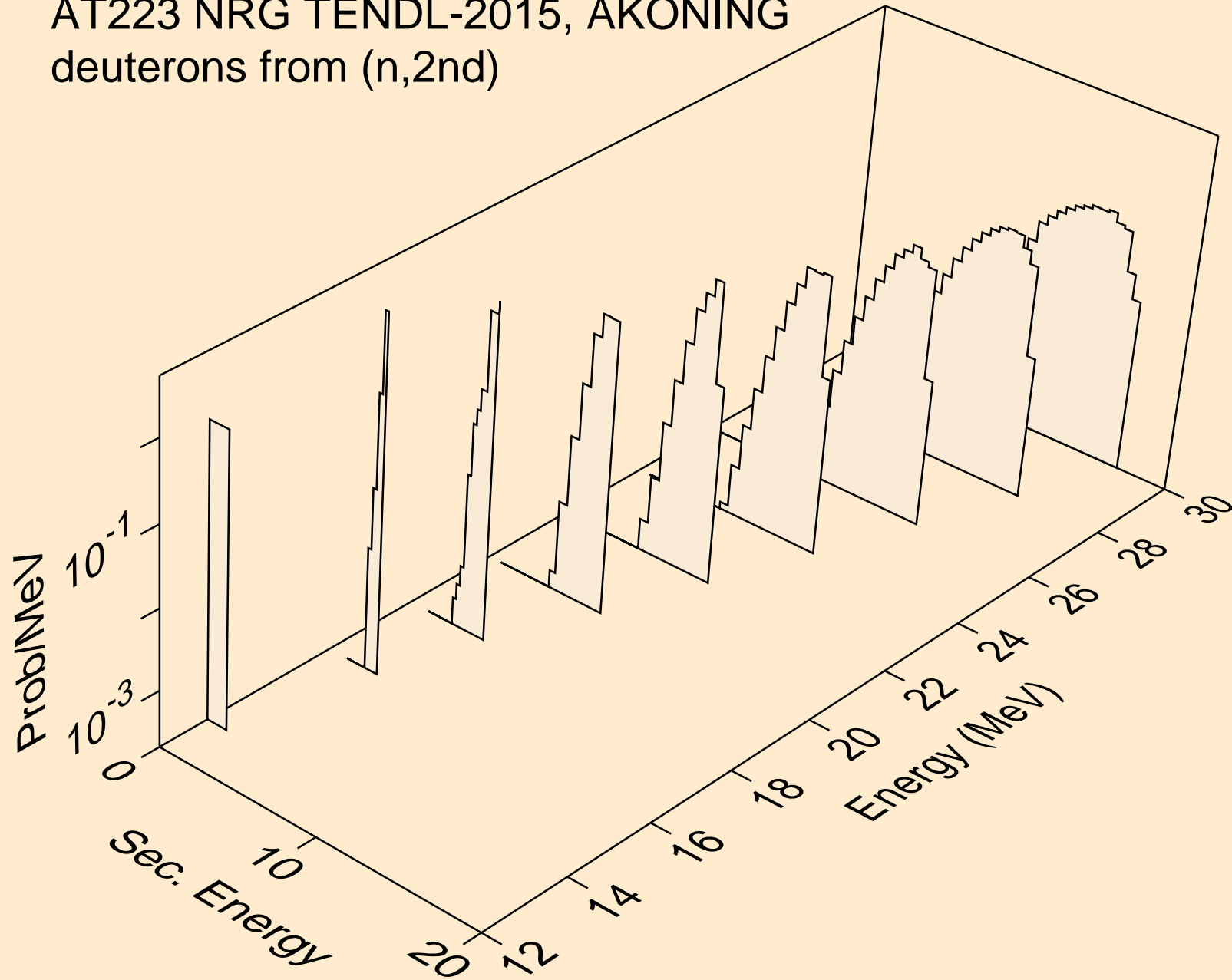
AT223 NRG TENDL-2015, AKONING  
protons from (n,2p)



AT223 NRG TENDL-2015, AKONING  
deuterons from (n,x)

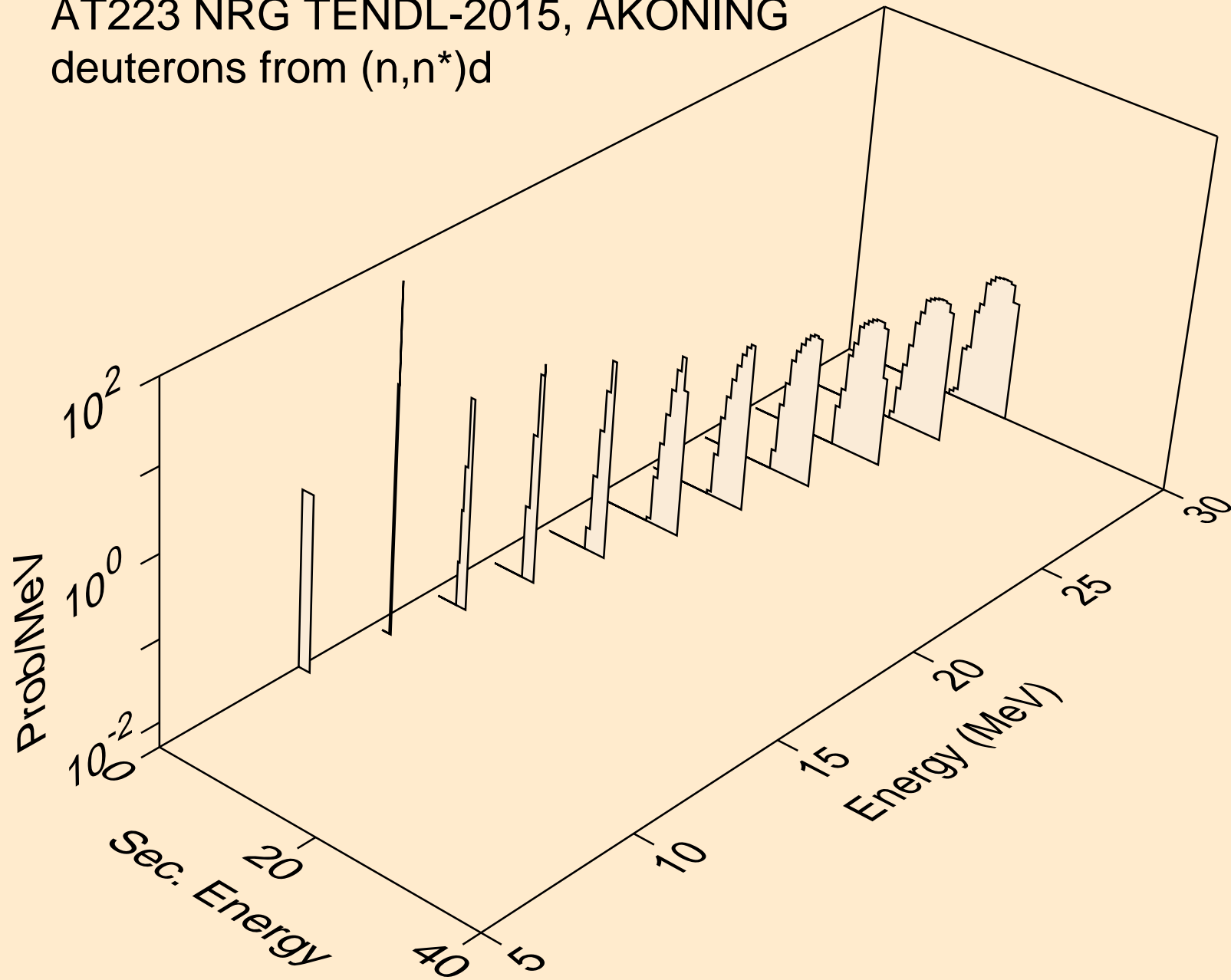


AT223 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

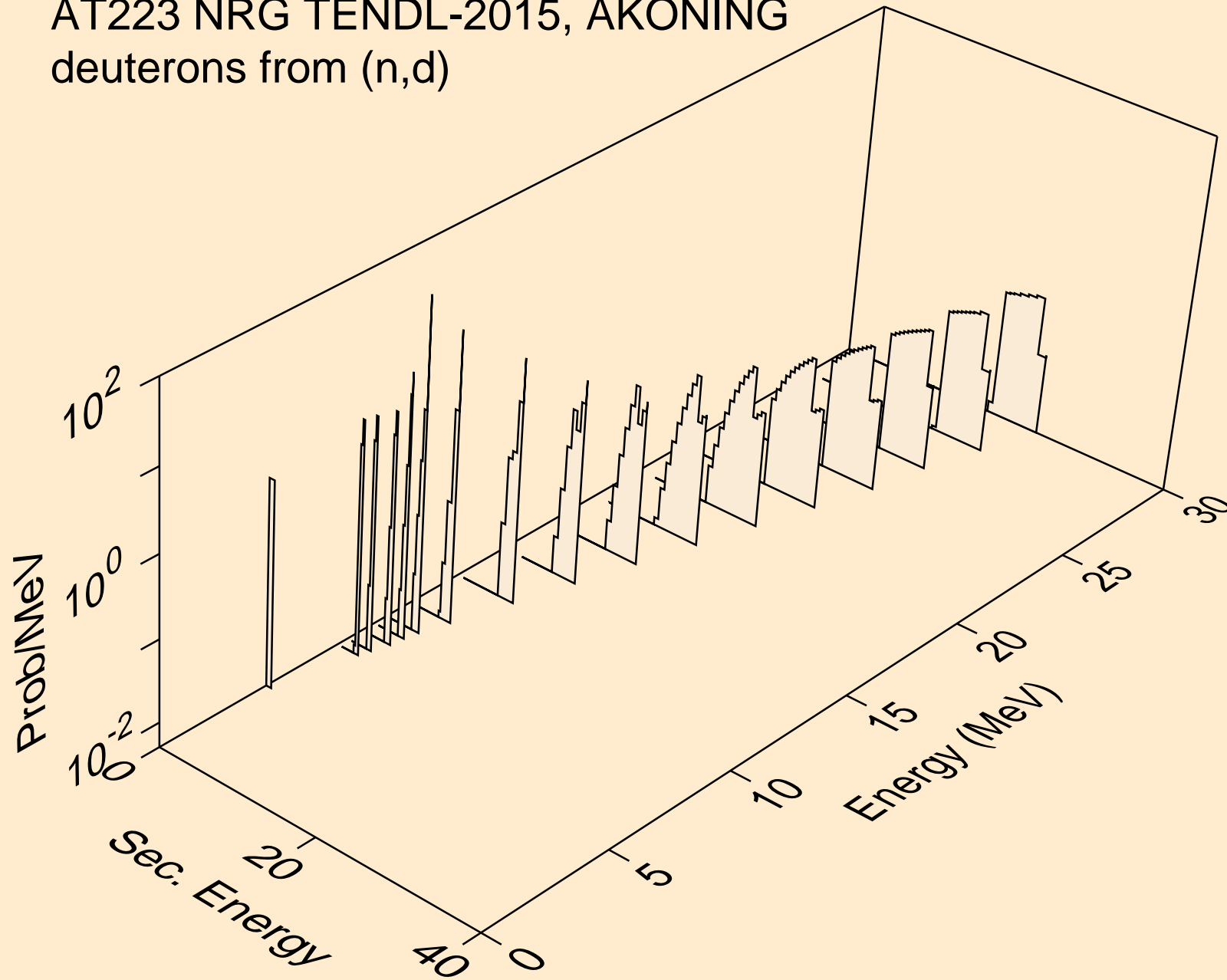




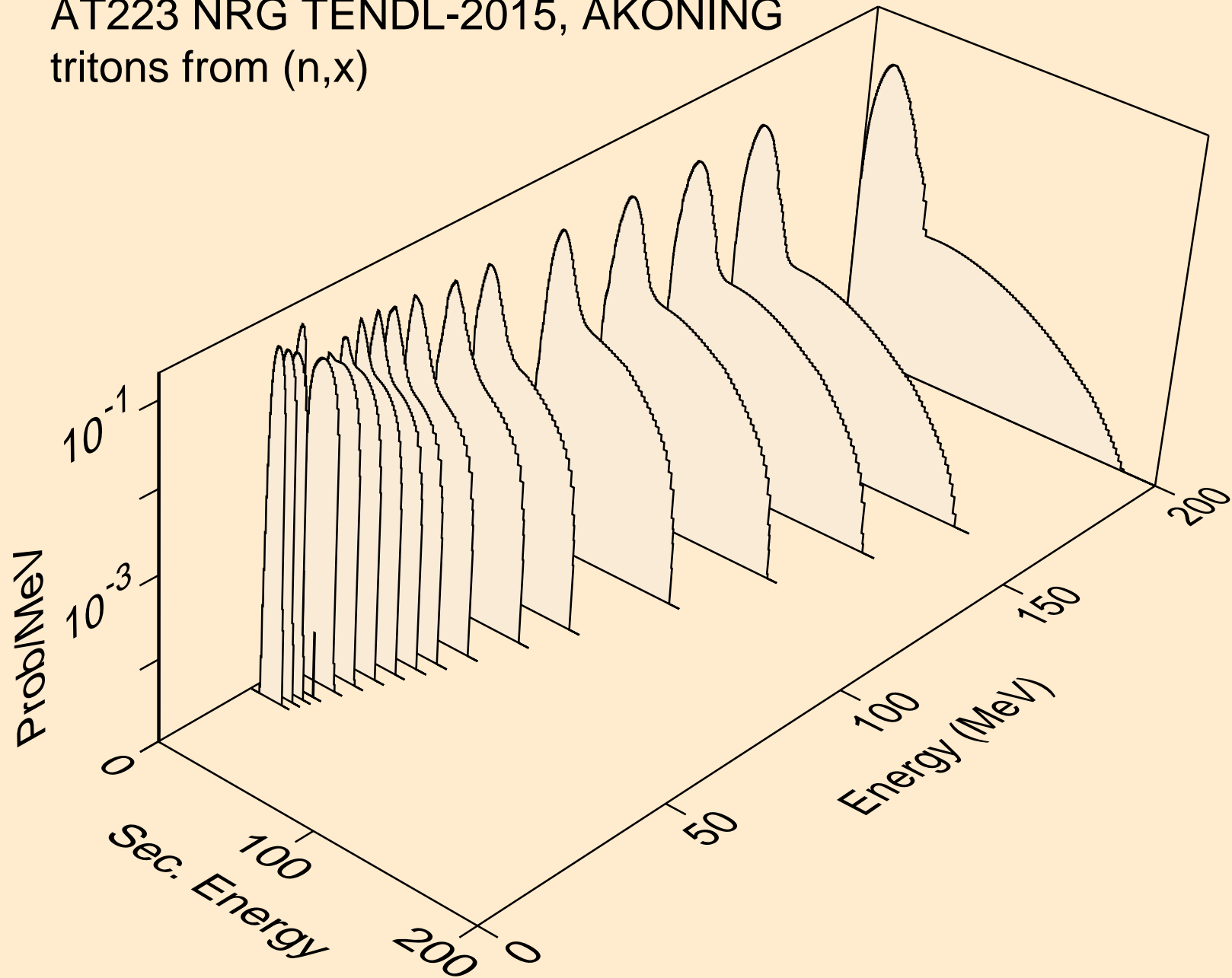
AT223 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



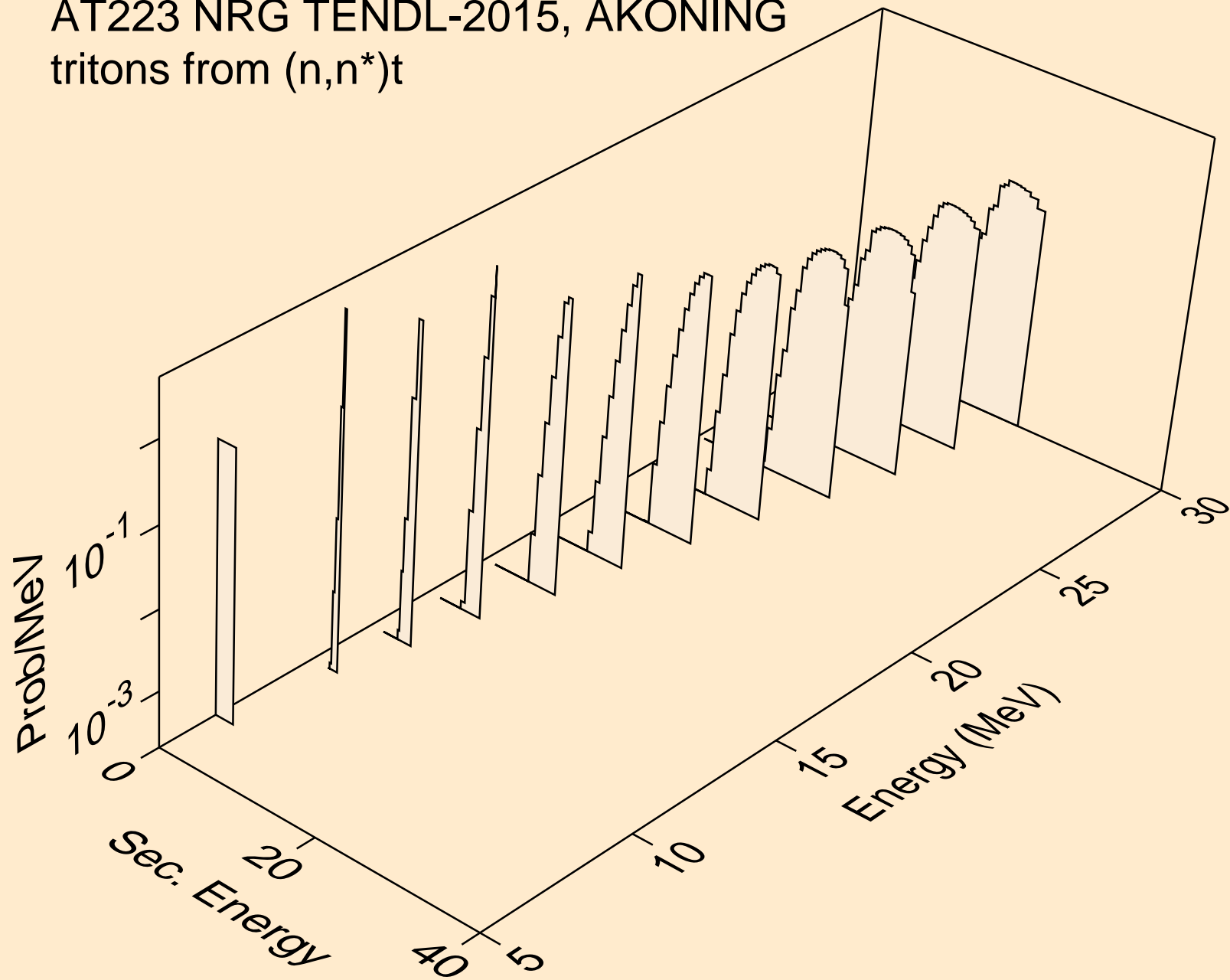
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deuterons from (n,d)



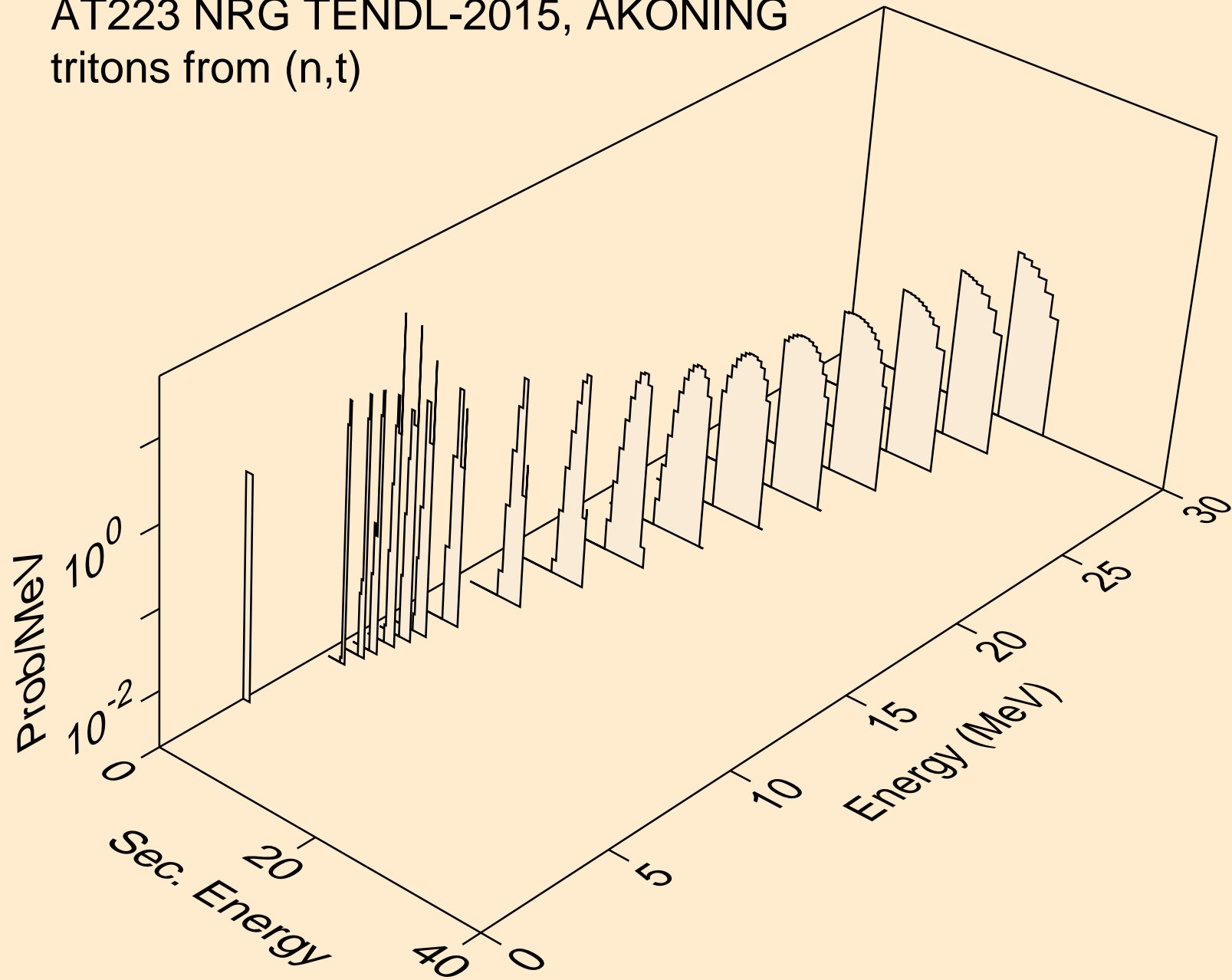
AT223 NRG TENDL-2015, AKONING  
tritons from (n,x)



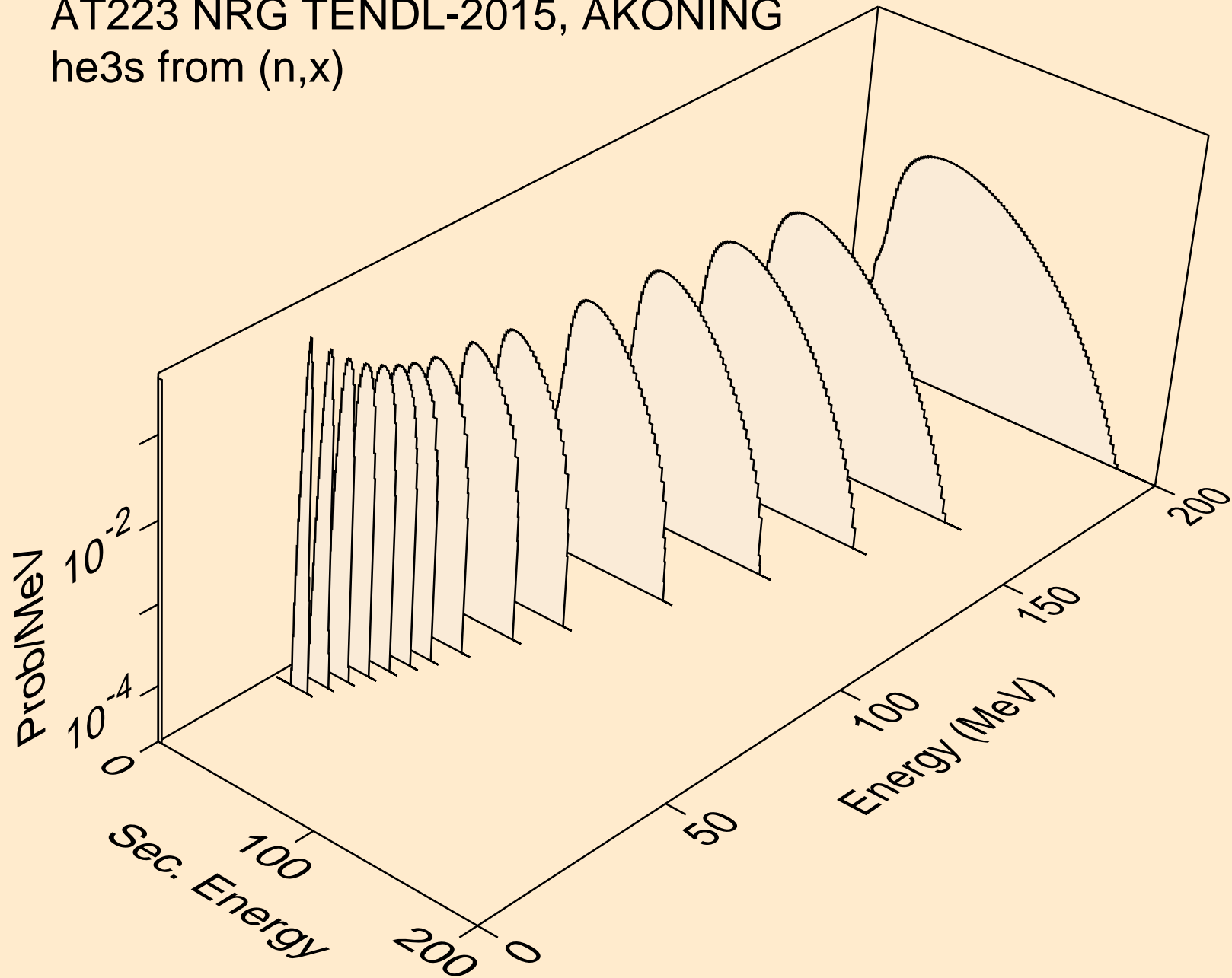
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tritons from (n,n\*)t



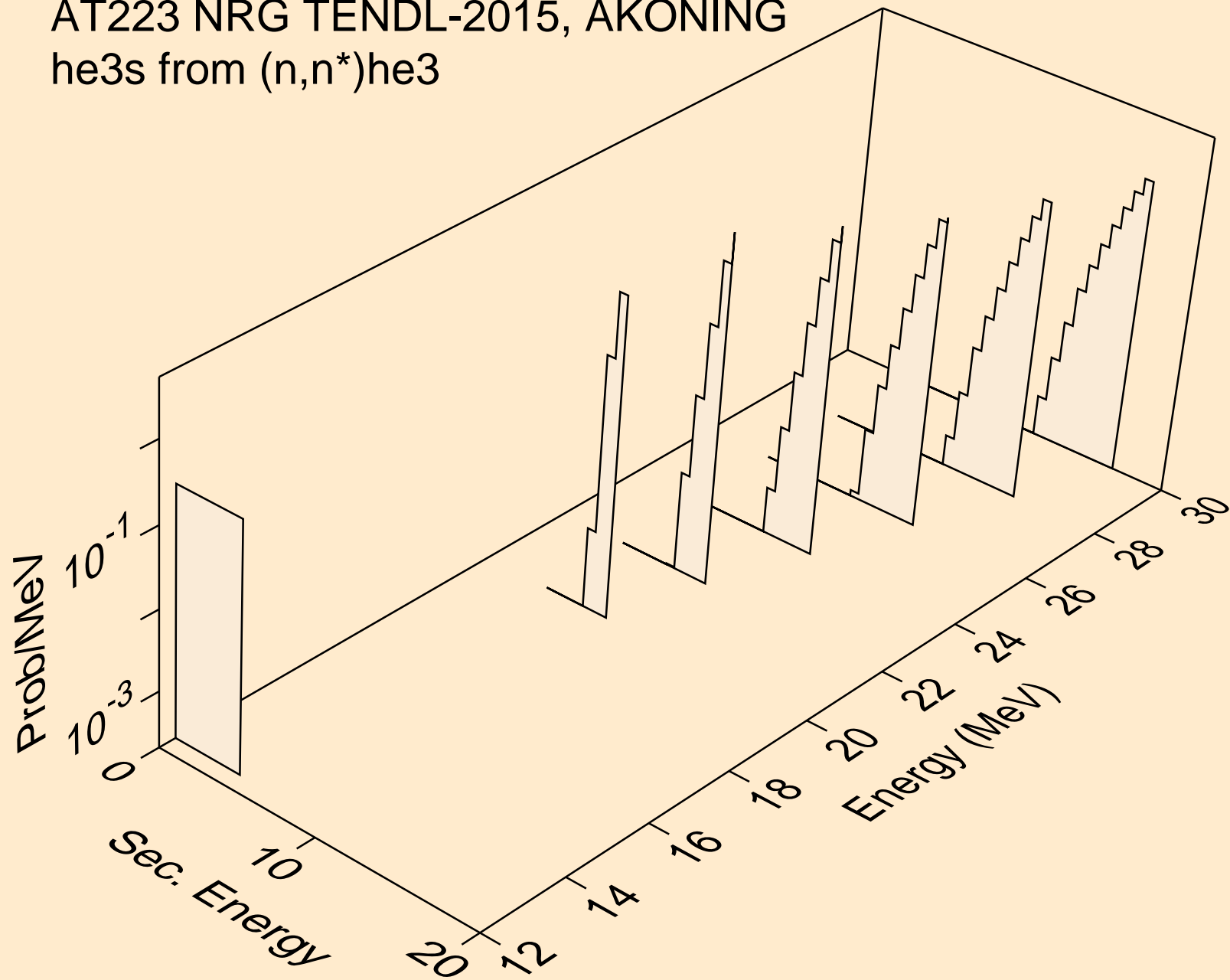
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tritons from (n,t)



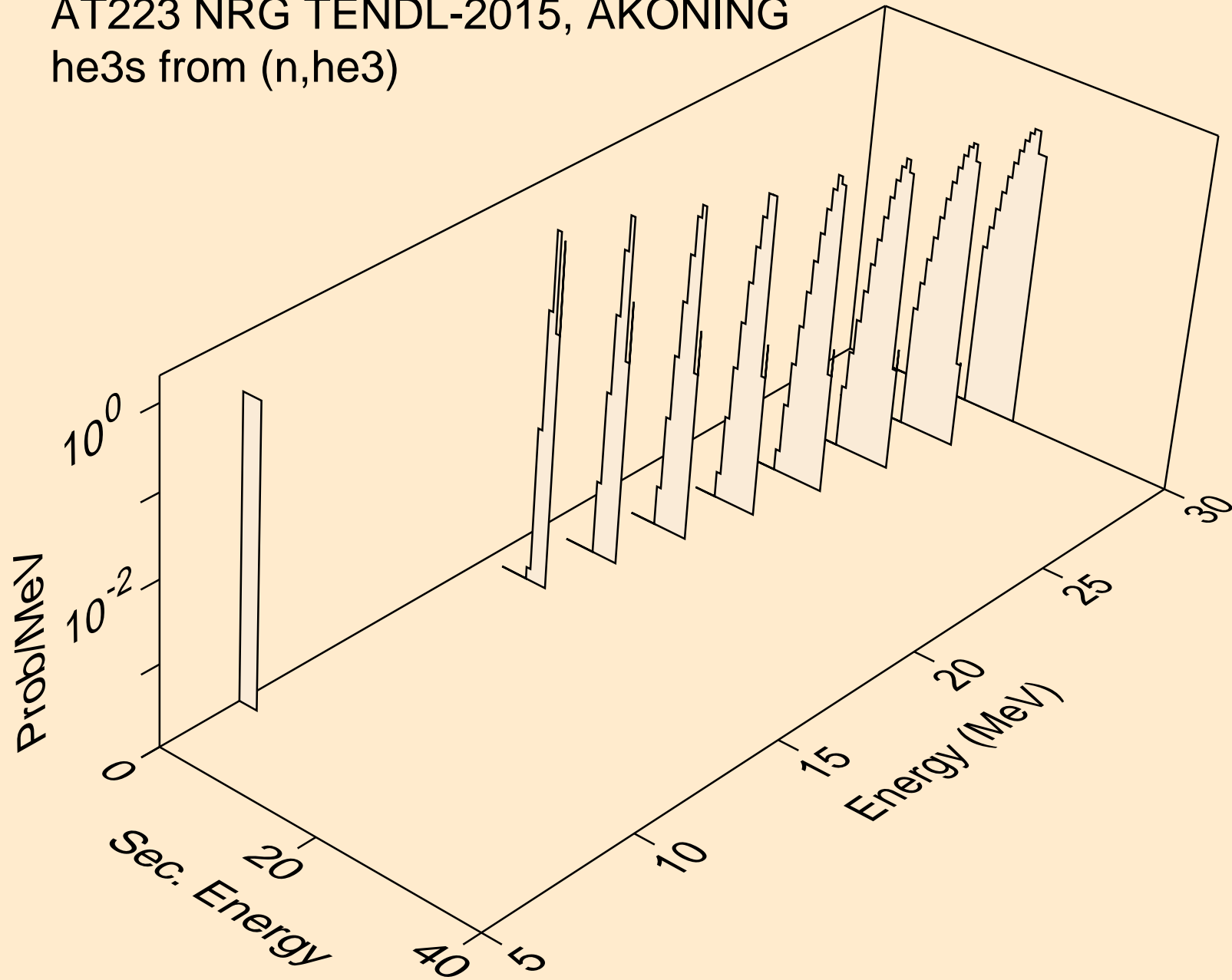
AT223 NRG TENDL-2015, AKONING  
he3s from (n,x)



AT223 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

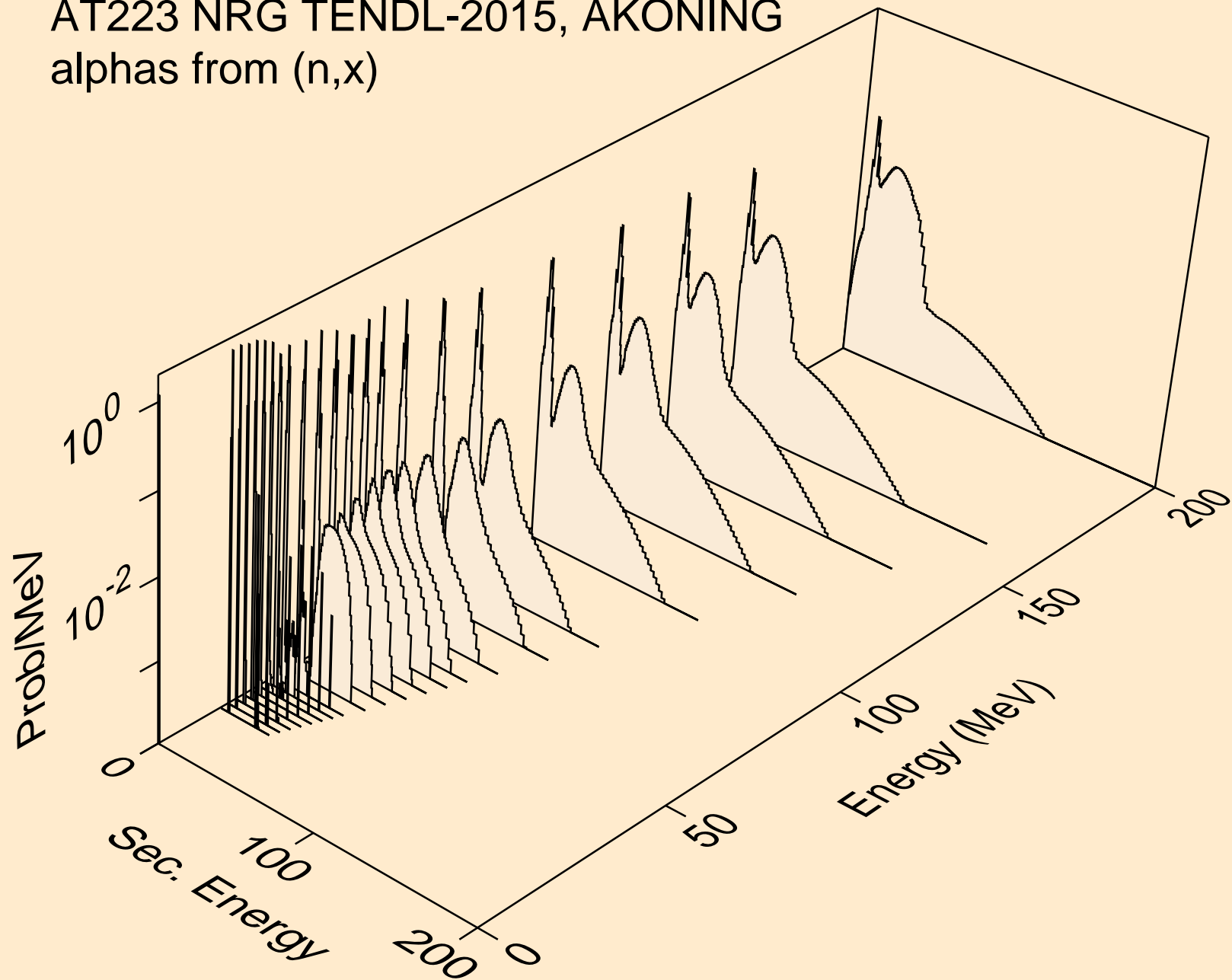


AT223 NRG TENDL-2015, AKONING  
he3s from (n,he3)

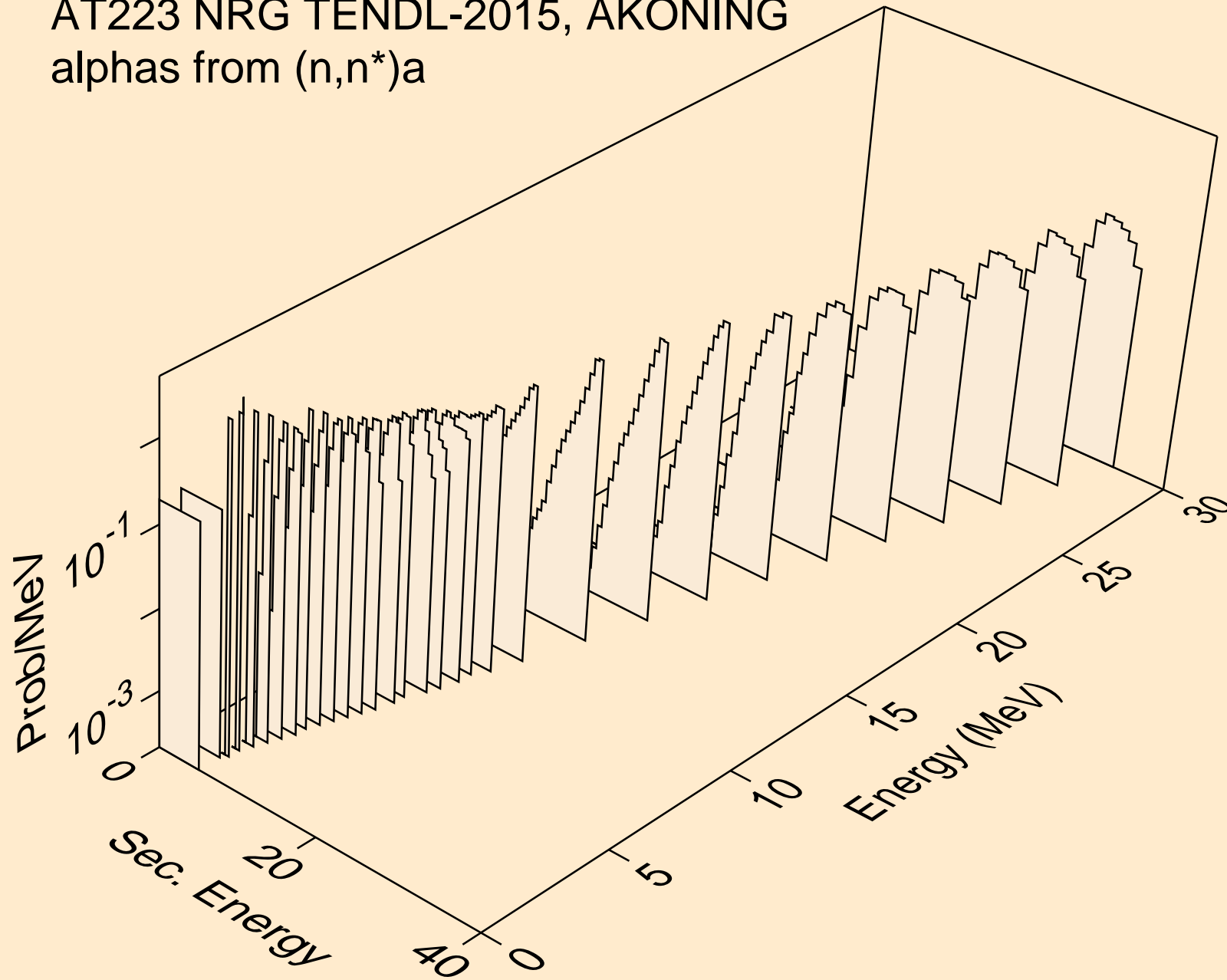




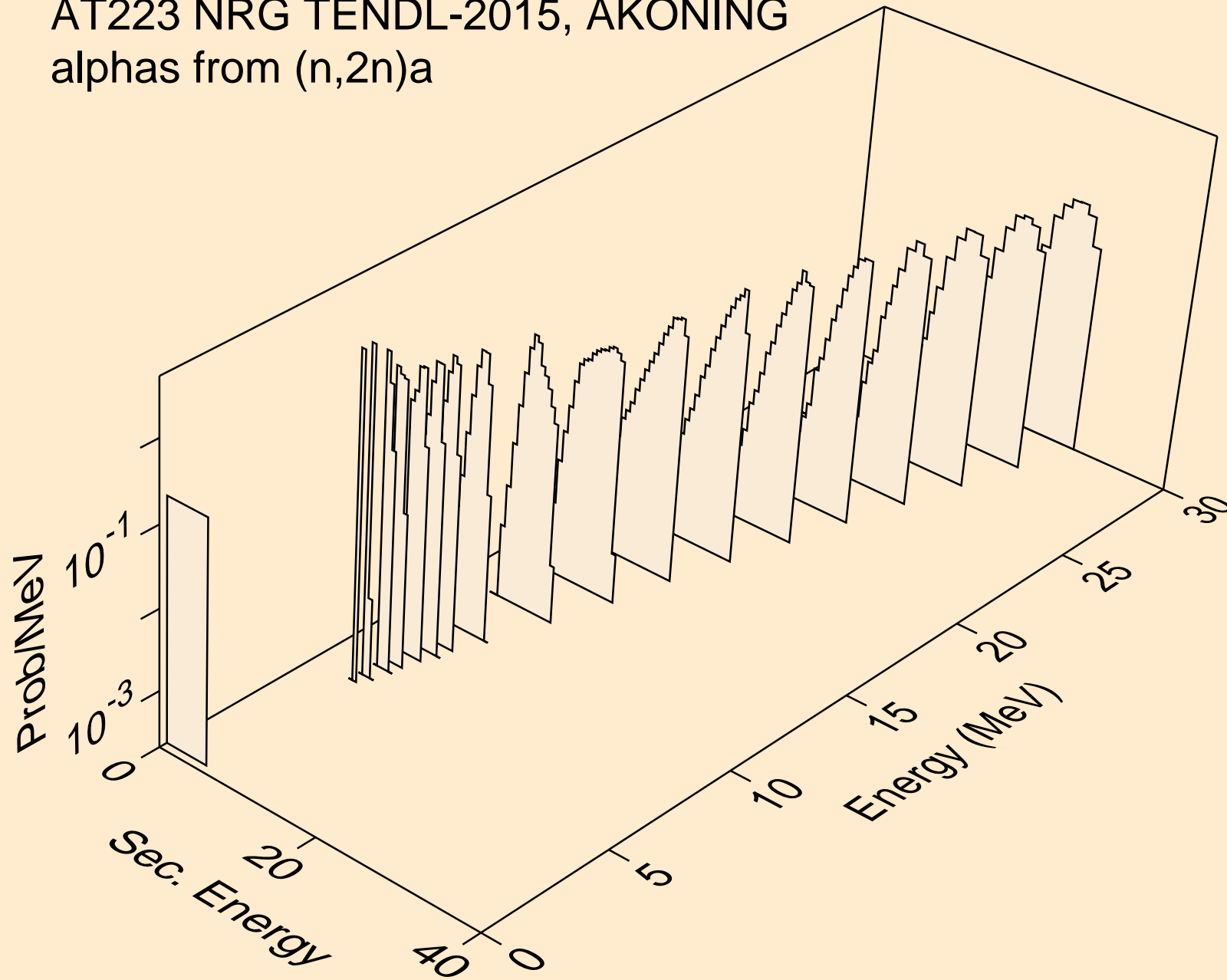
AT223 NRG TENDL-2015, AKONING  
alphas from (n,x)



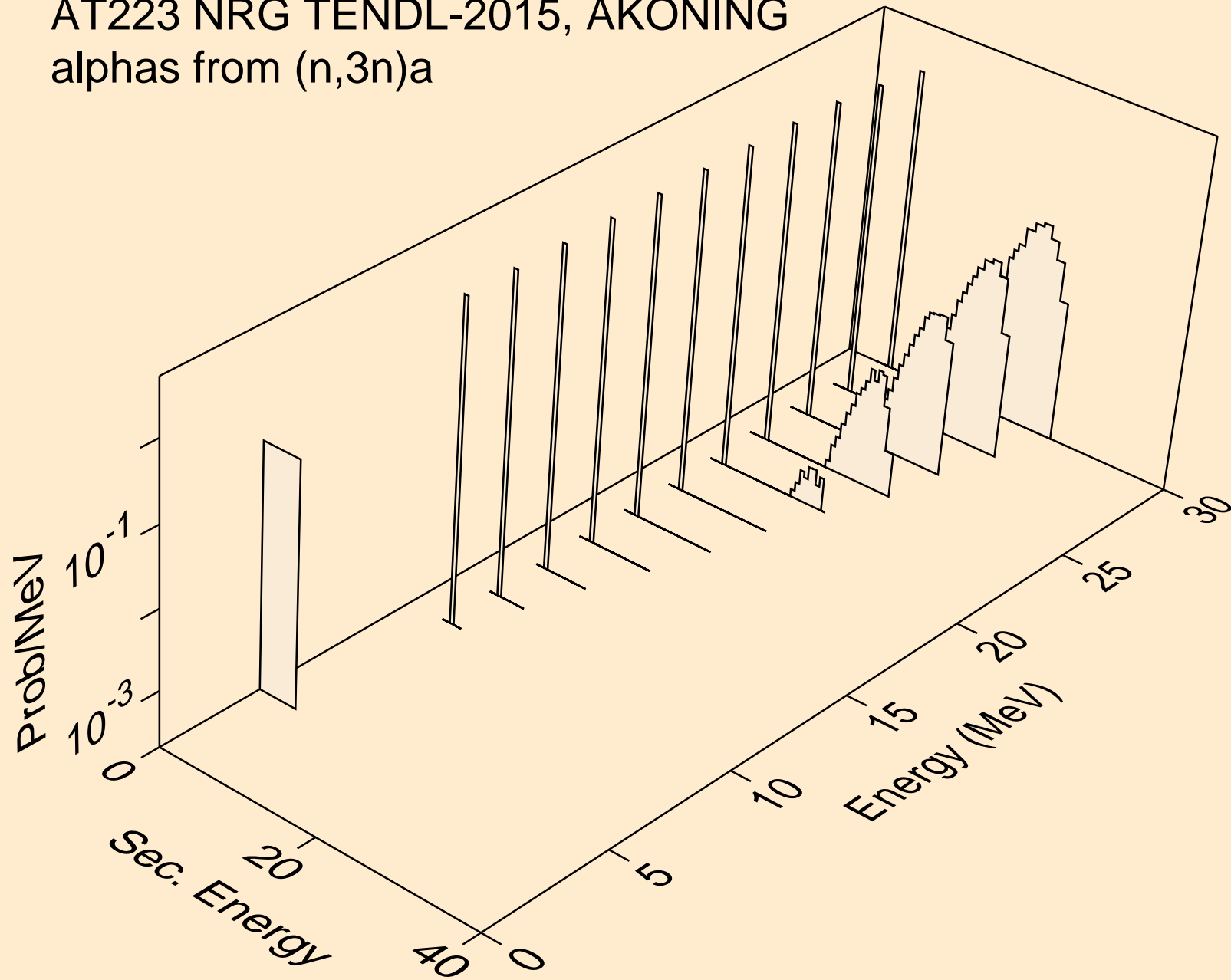
AT223 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



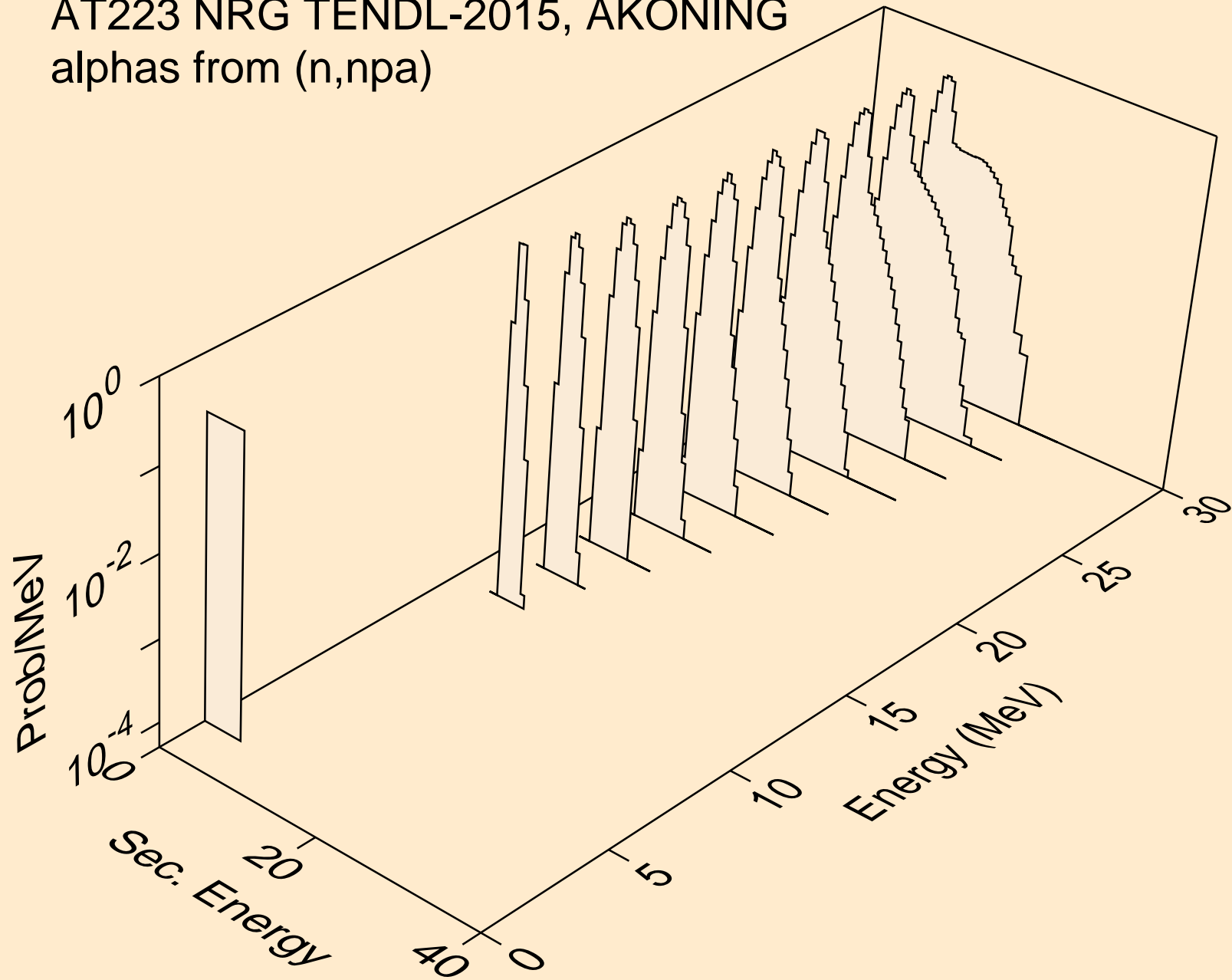
AT223 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



AT223 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



AT223 NRG TENDL-2015, AKONING  
alphas from (n,npa)



AT223 NRG TENDL-2015, AKONING  
alphas from (n,a)

