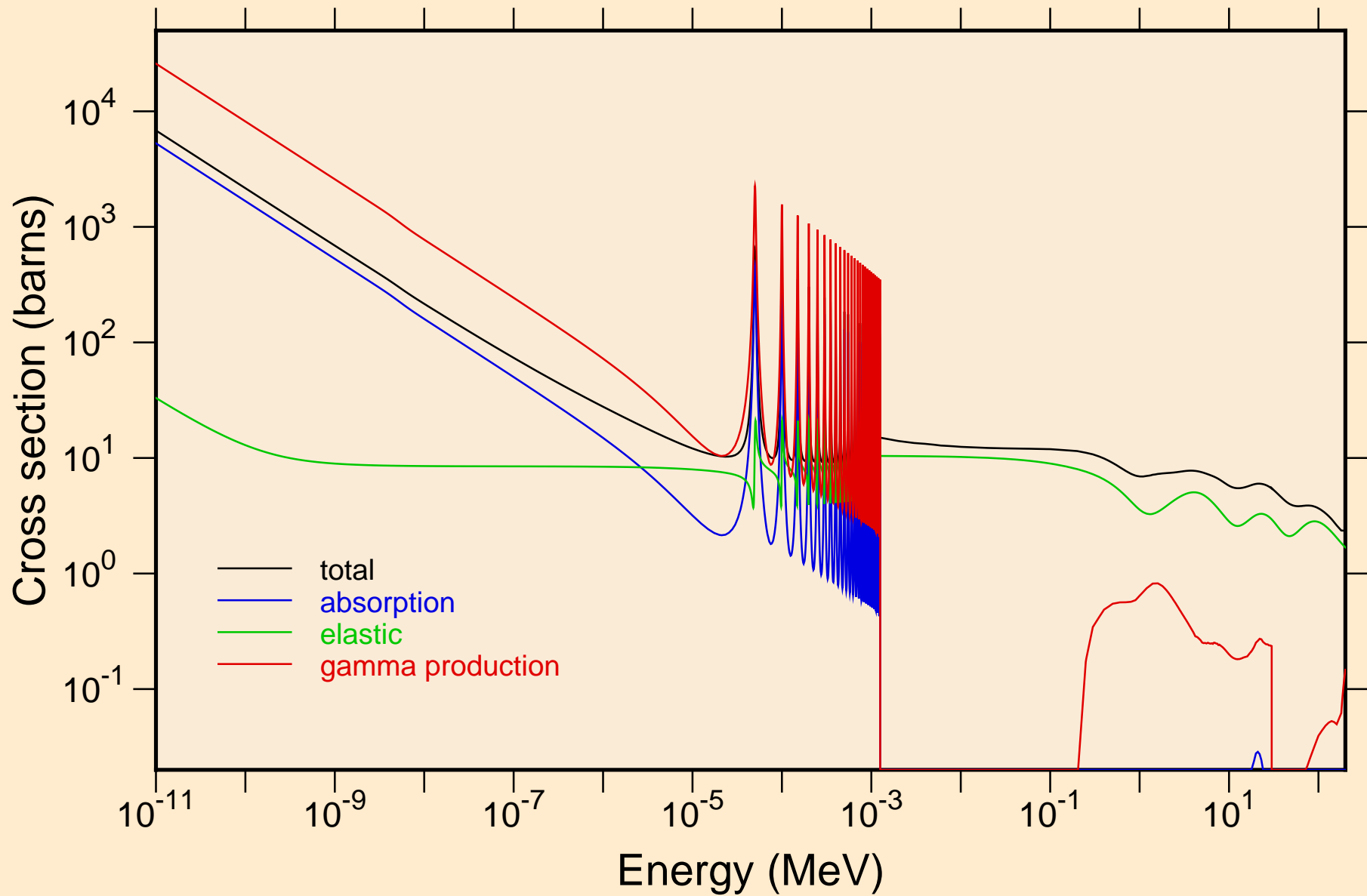
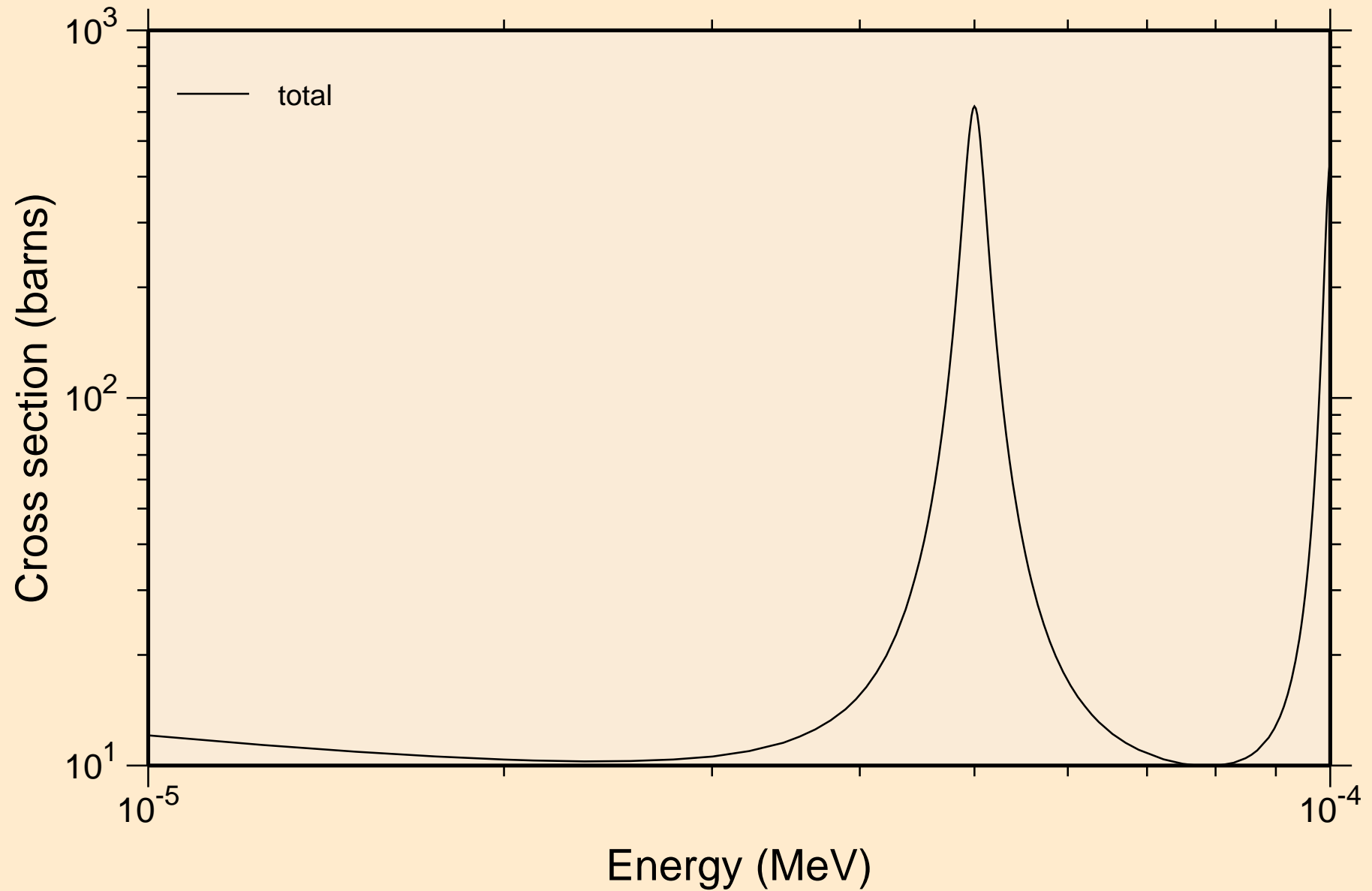


# AM231 NRG TENDL-2015, AKONING

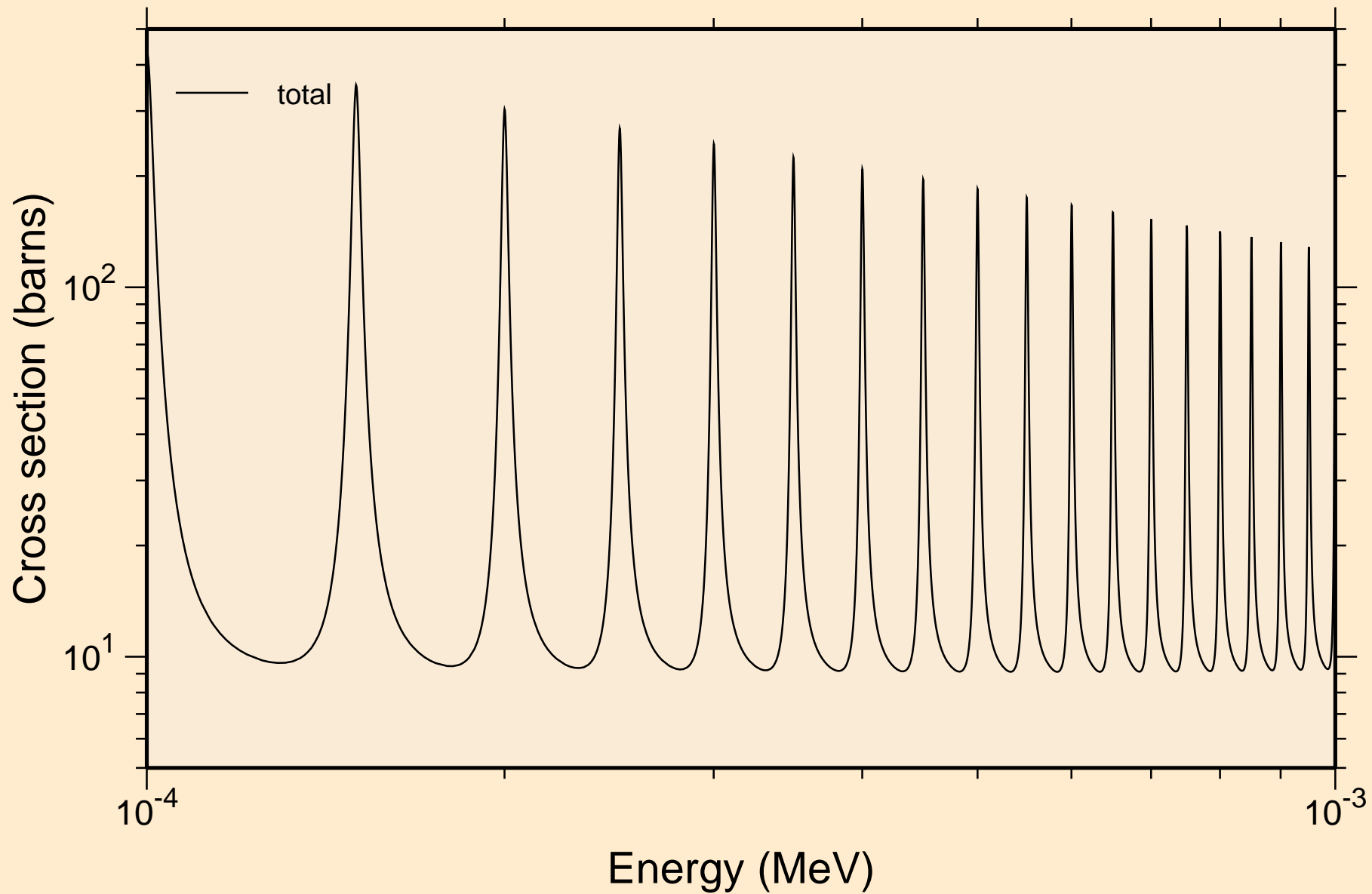
## Principal cross sections



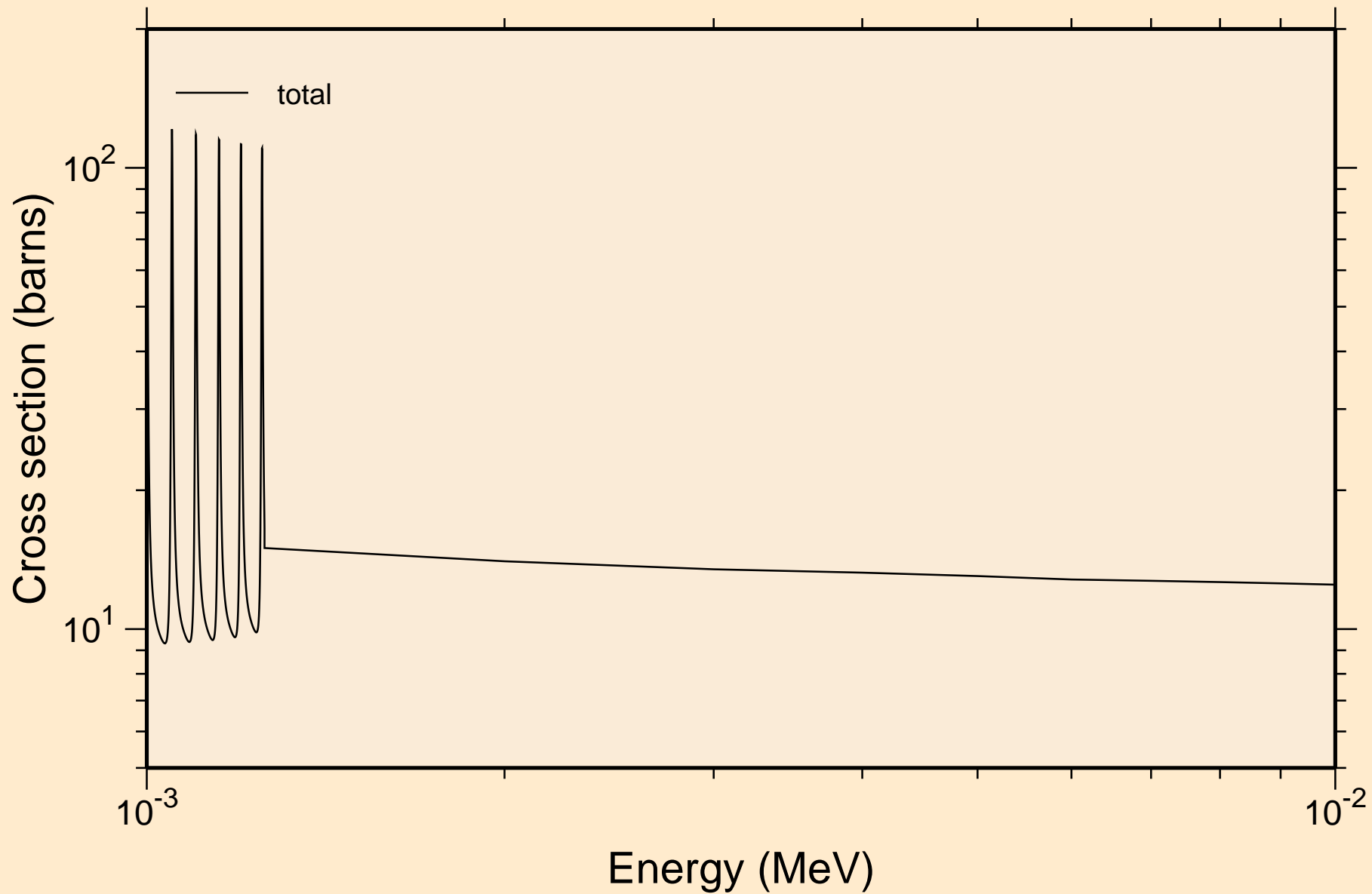
AM231 NRG TENDL-2015, AKONING  
resonance total cross section



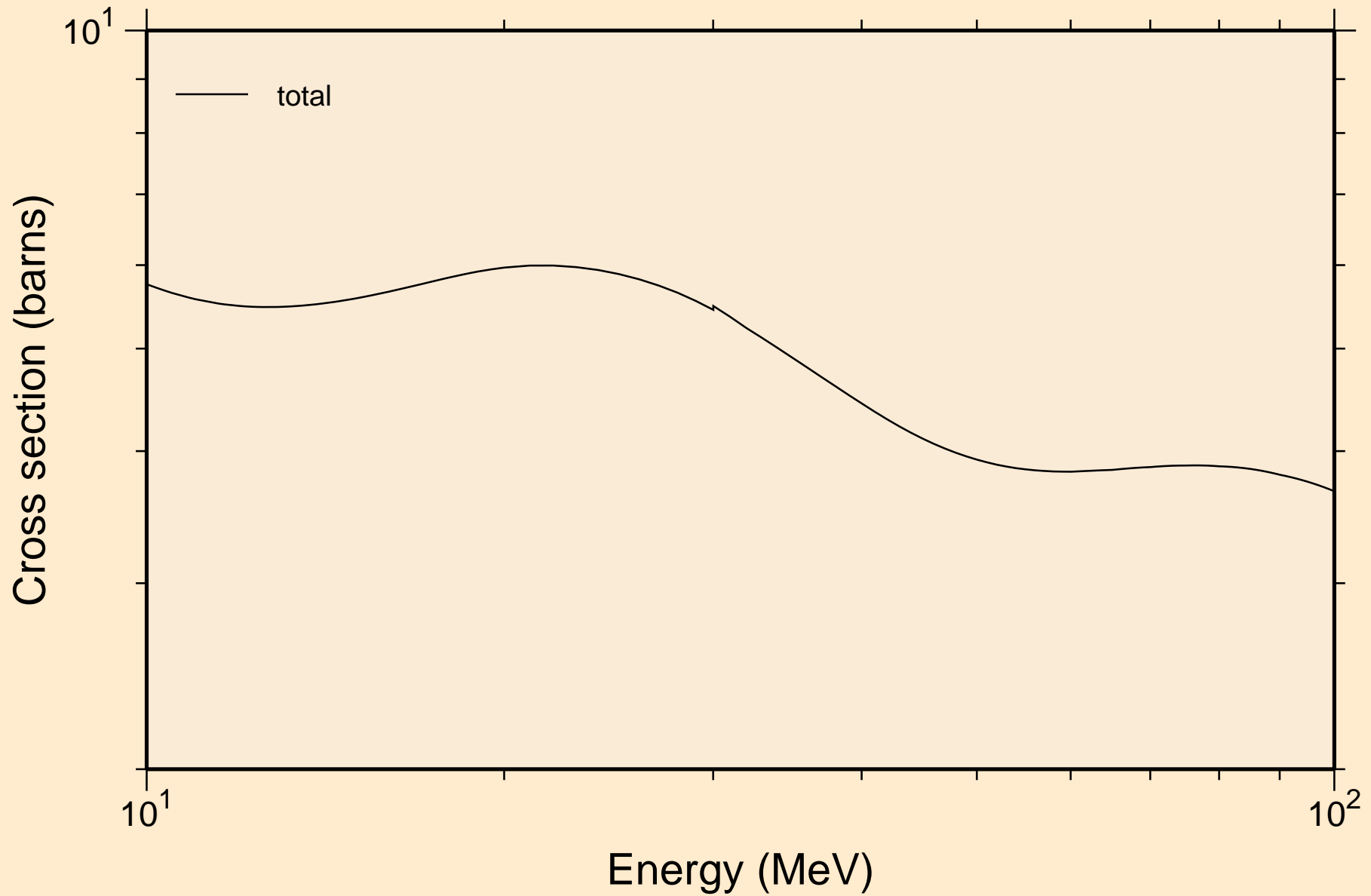
AM231 NRG TENDL-2015, AKONING  
resonance total cross section



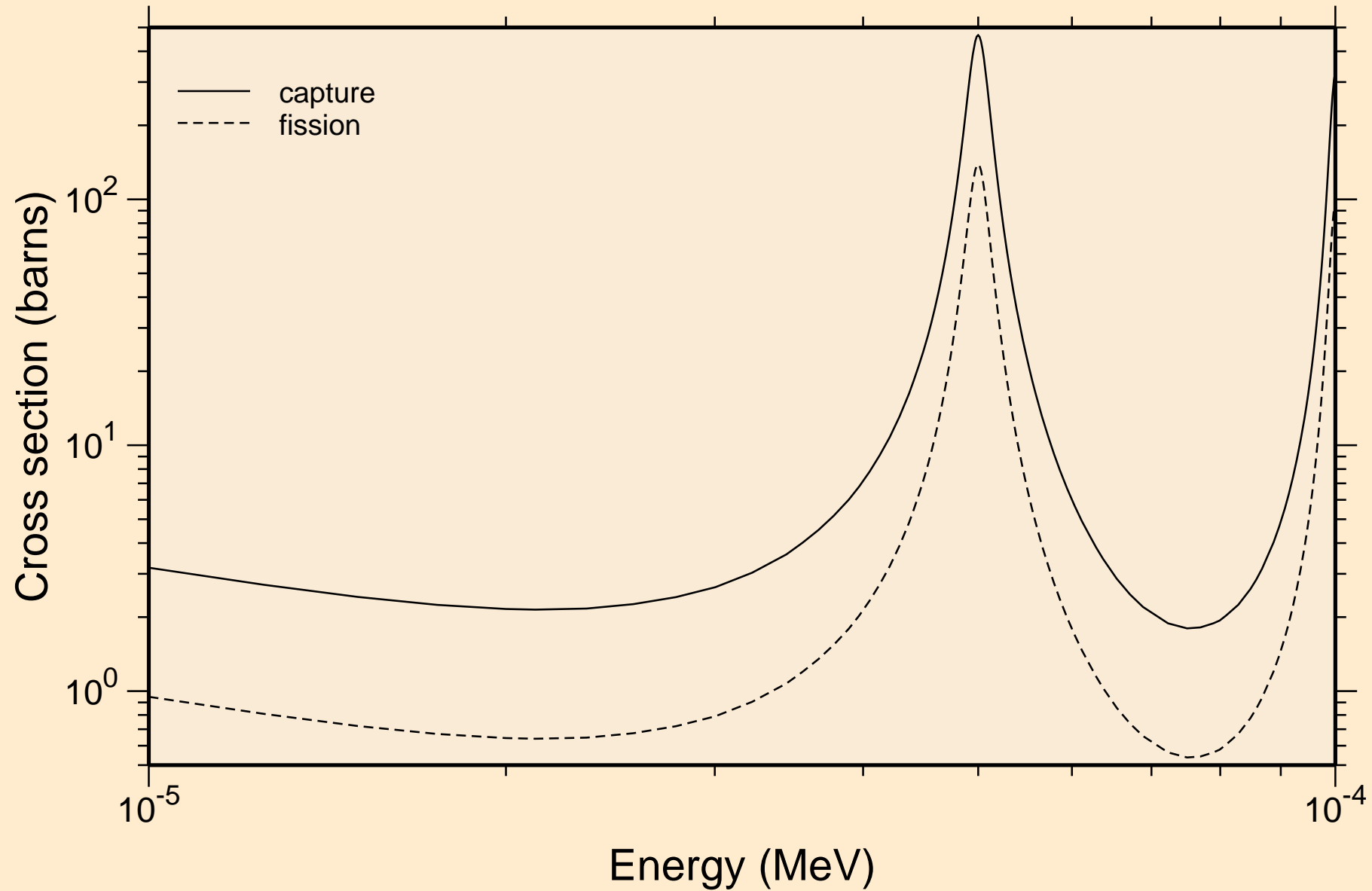
AM231 NRG TENDL-2015, AKONING  
resonance total cross section



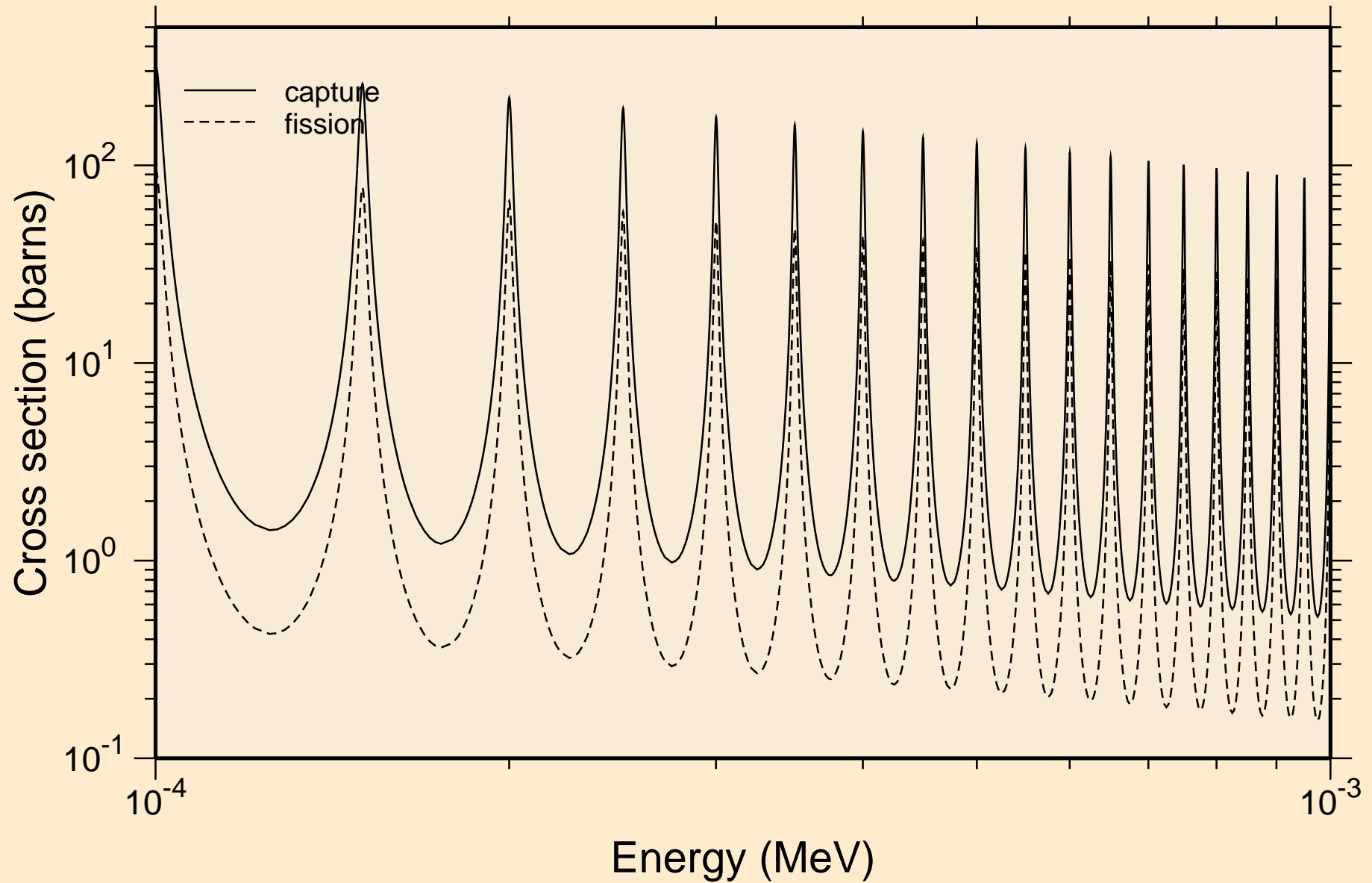
AM231 NRG TENDL-2015, AKONING  
resonance total cross section



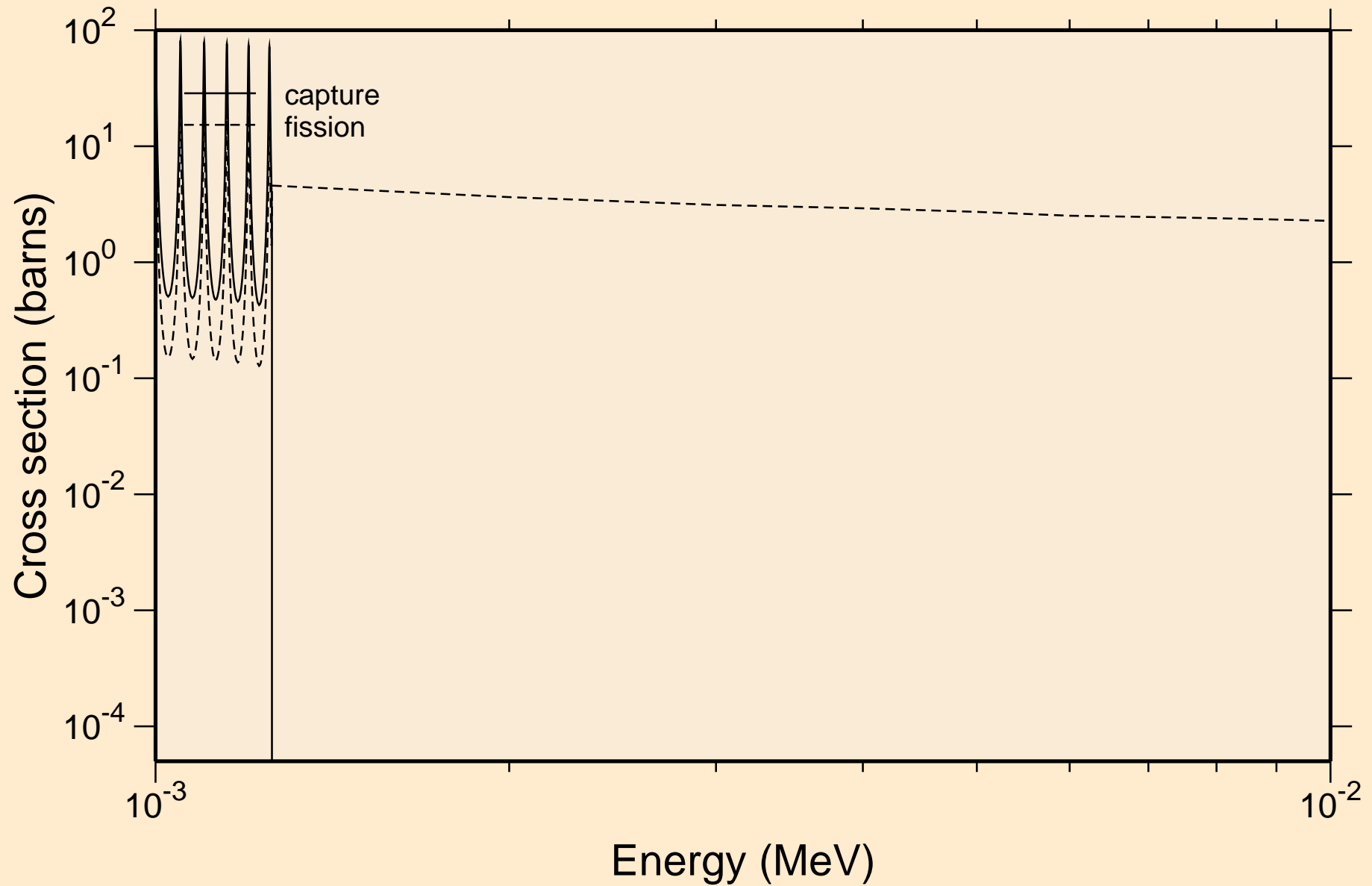
AM231 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# AM231 NRG TENDL-2015, AKONING resonance absorption cross sections

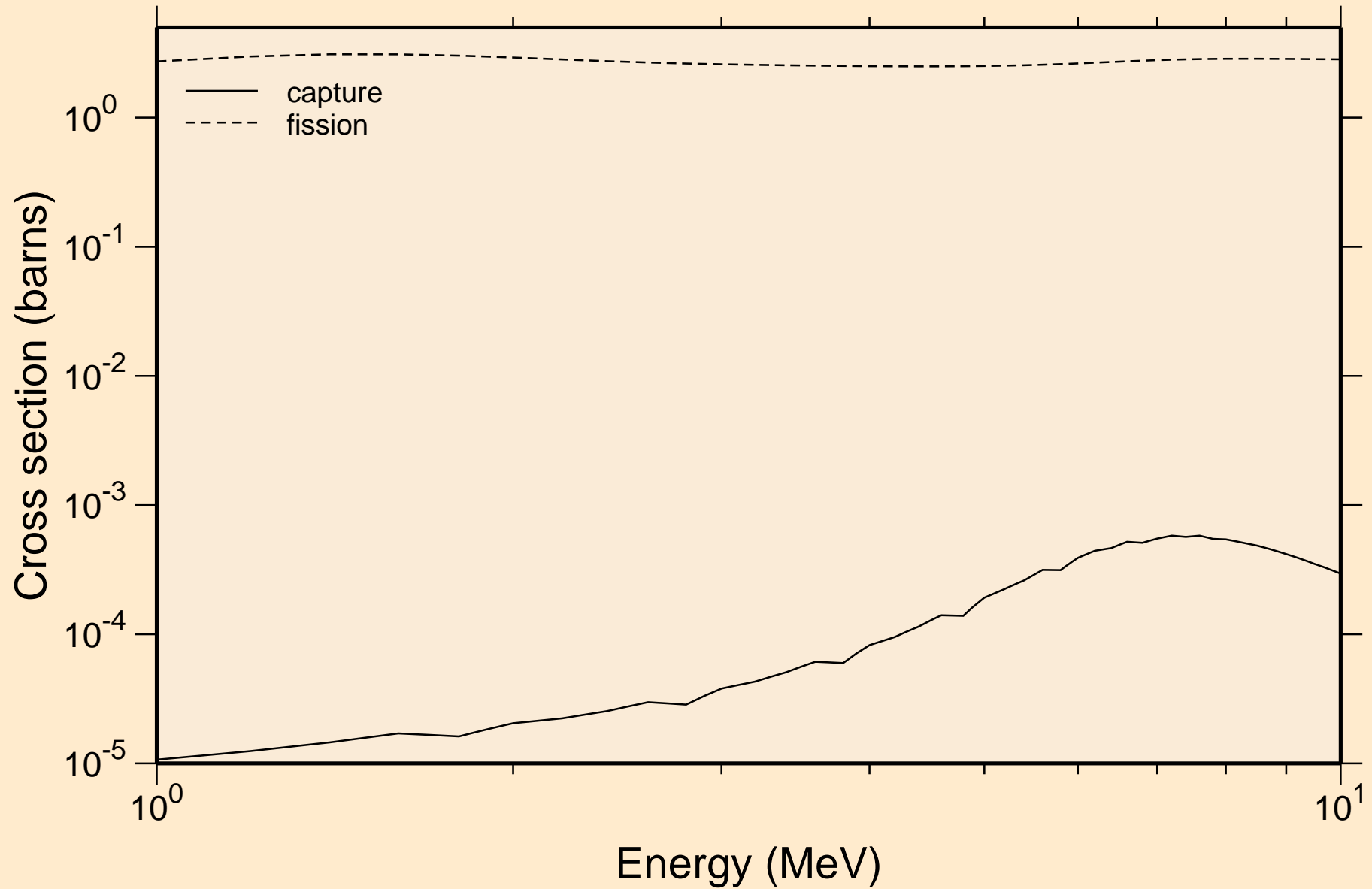


AM231 NRG TENDL-2015, AKONING  
resonance absorption cross sections



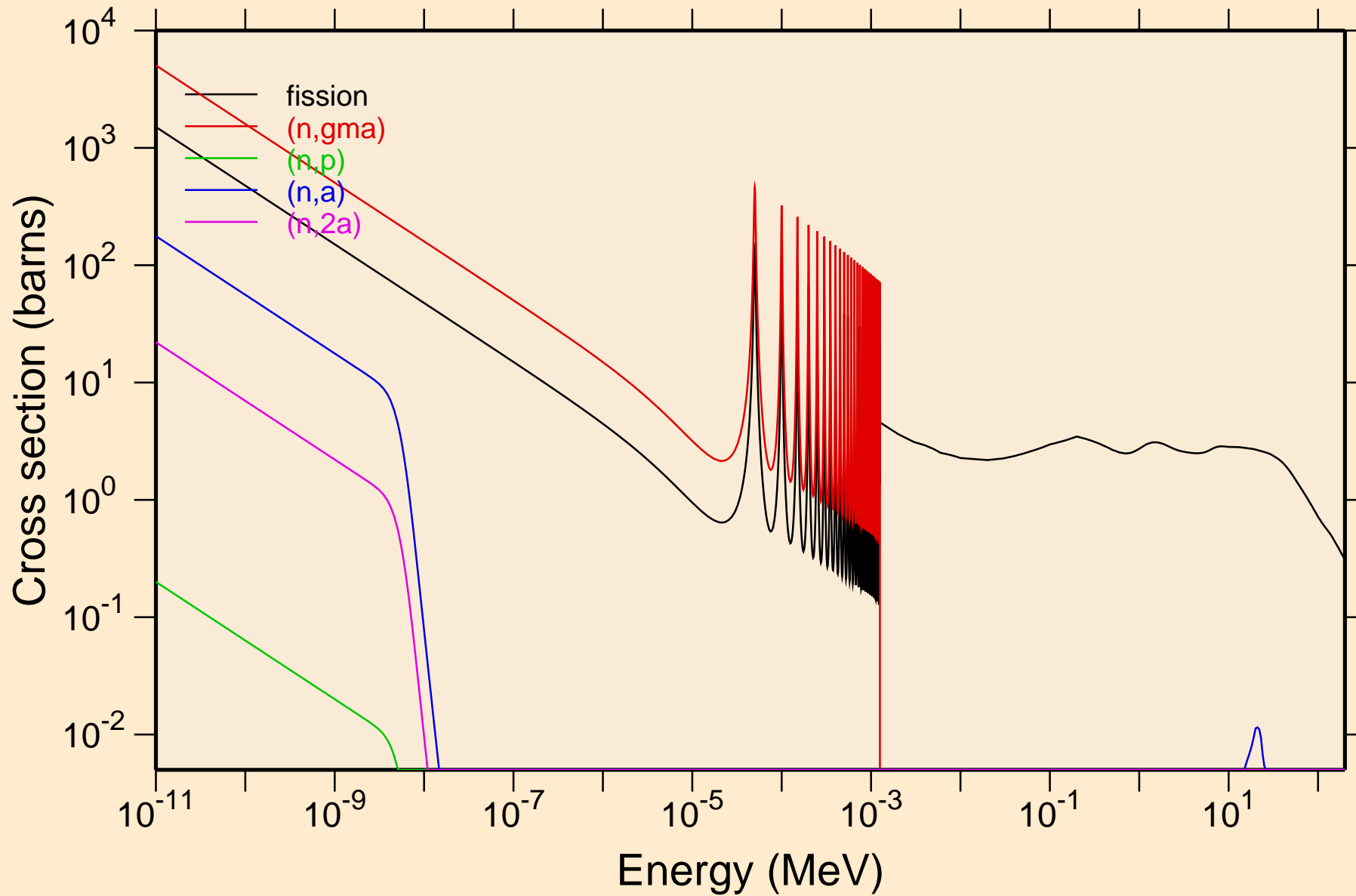


AM231 NRG TENDL-2015, AKONING  
resonance absorption cross sections



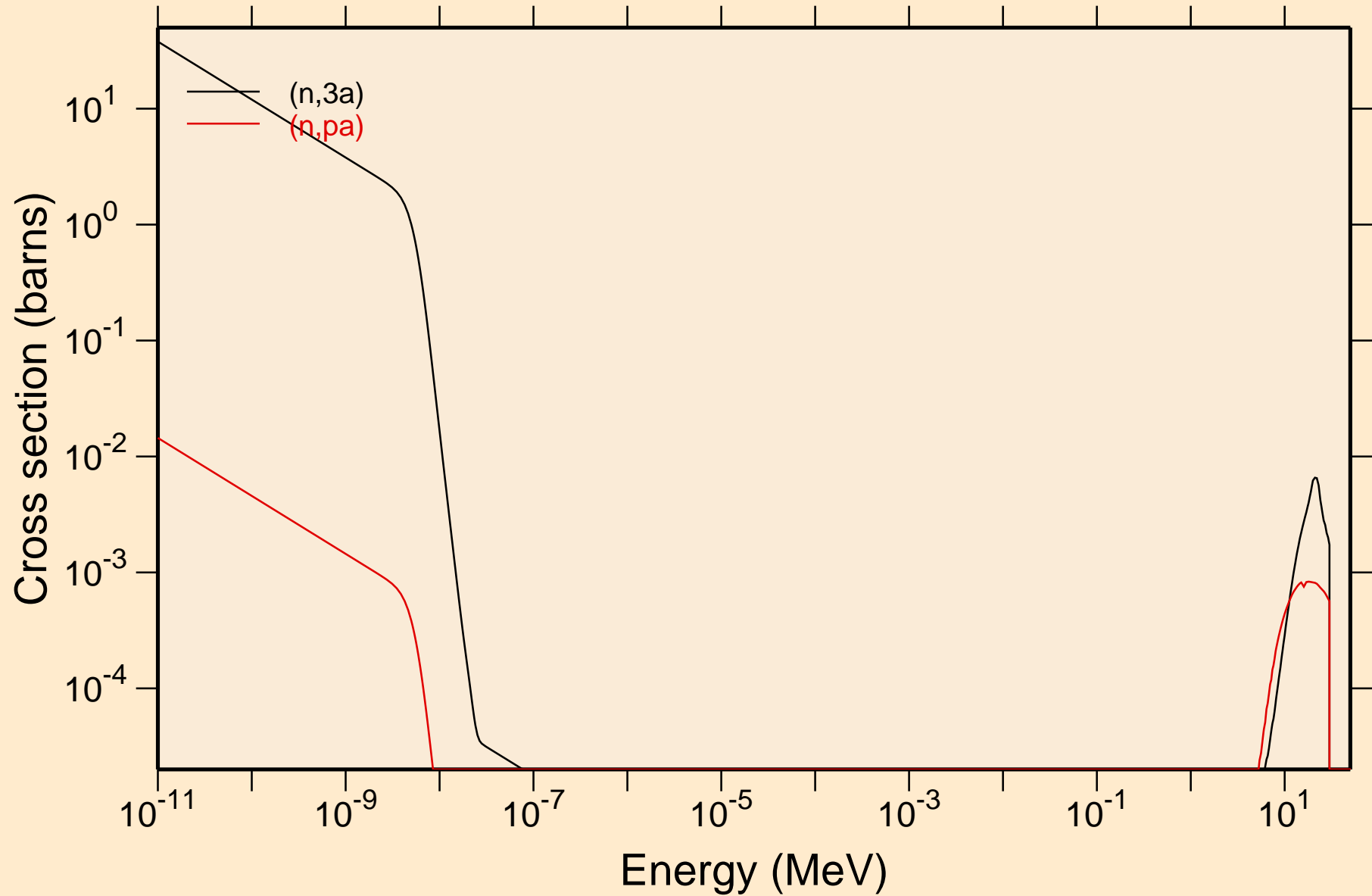
# AM231 NRG TENDL-2015, AKONING

## Non-threshold reactions



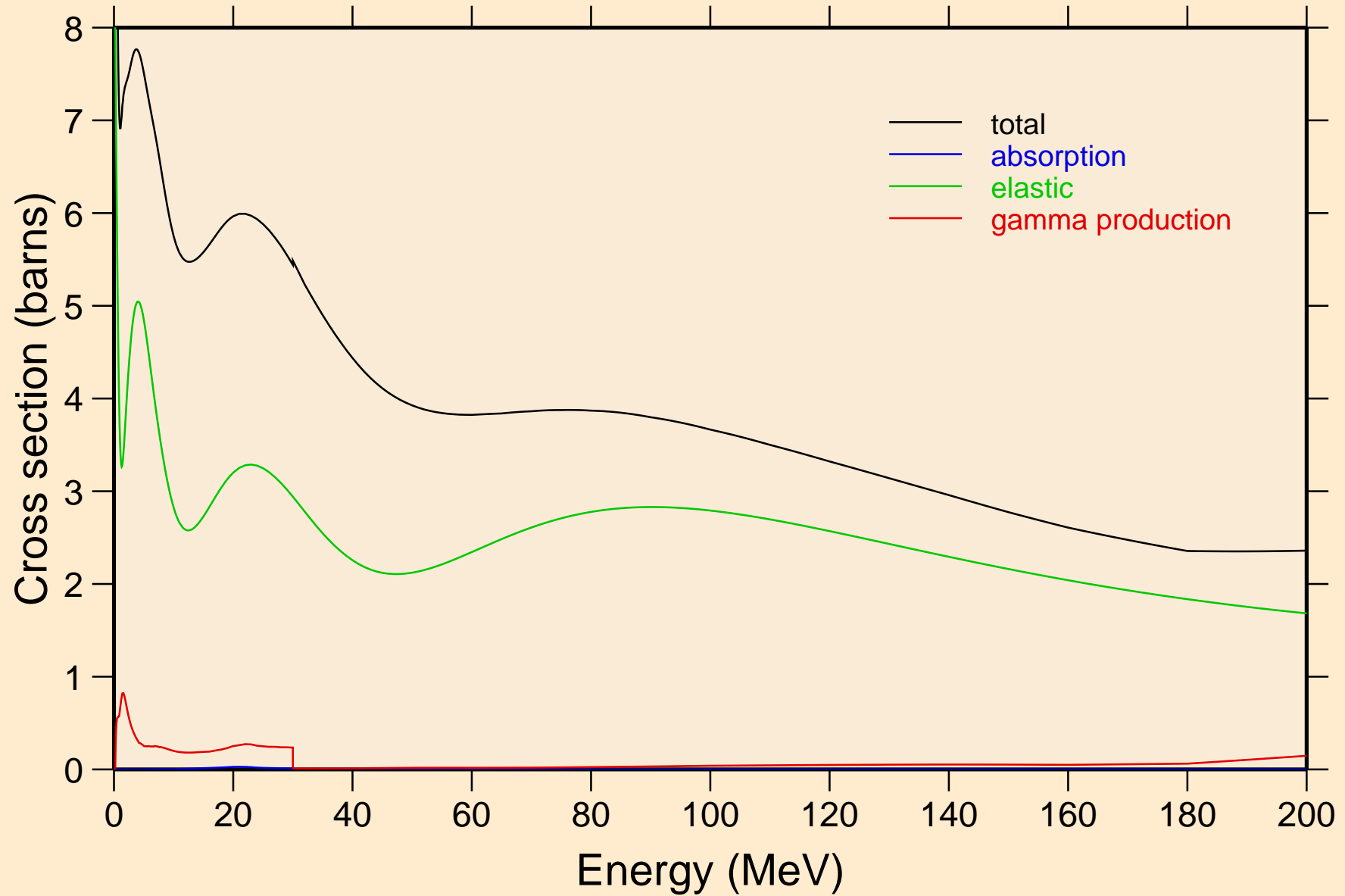
# AM231 NRG TENDL-2015, AKONING

## Non-threshold reactions



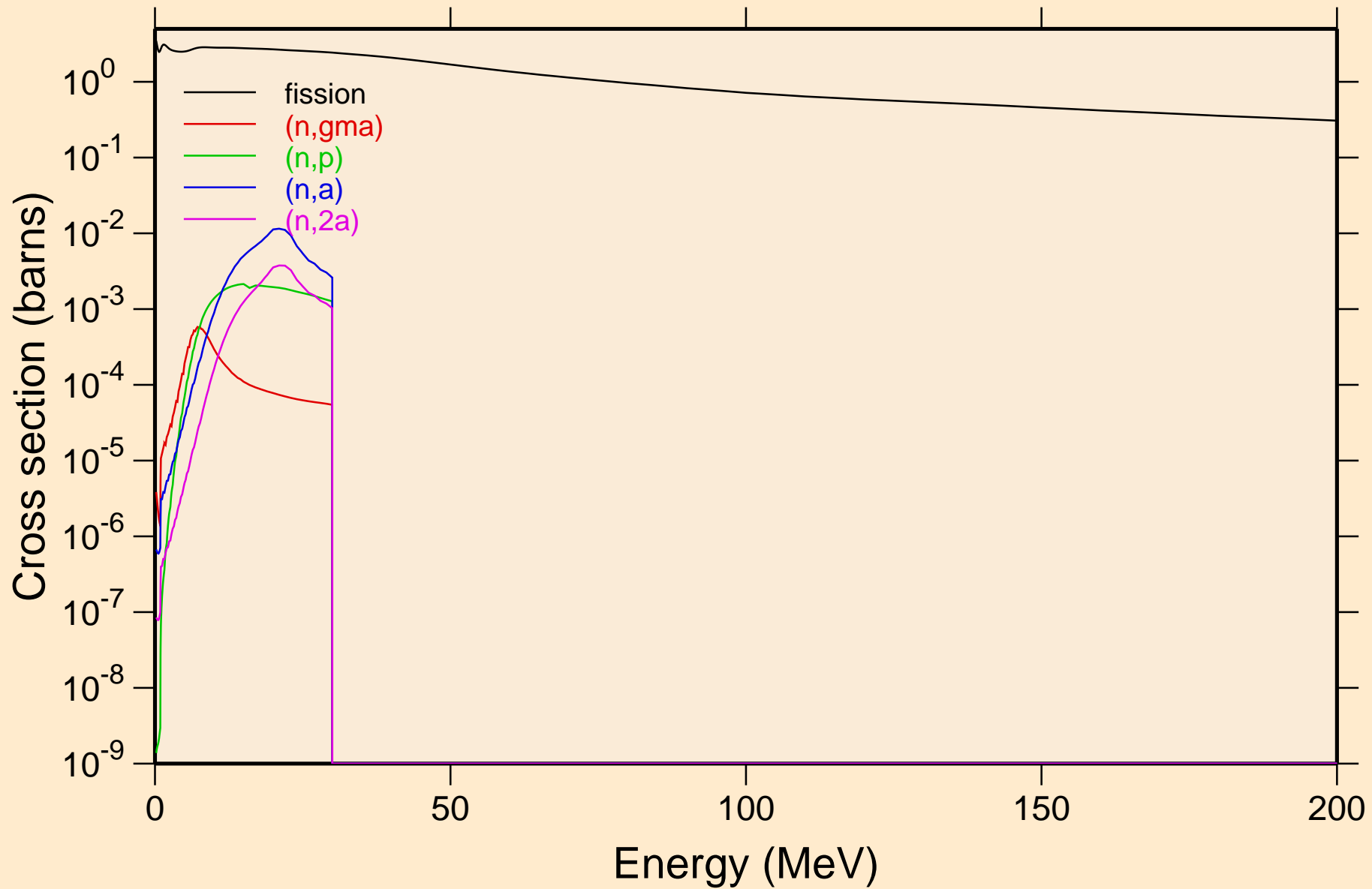
# AM231 NRG TENDL-2015, AKONING

## Principal cross sections



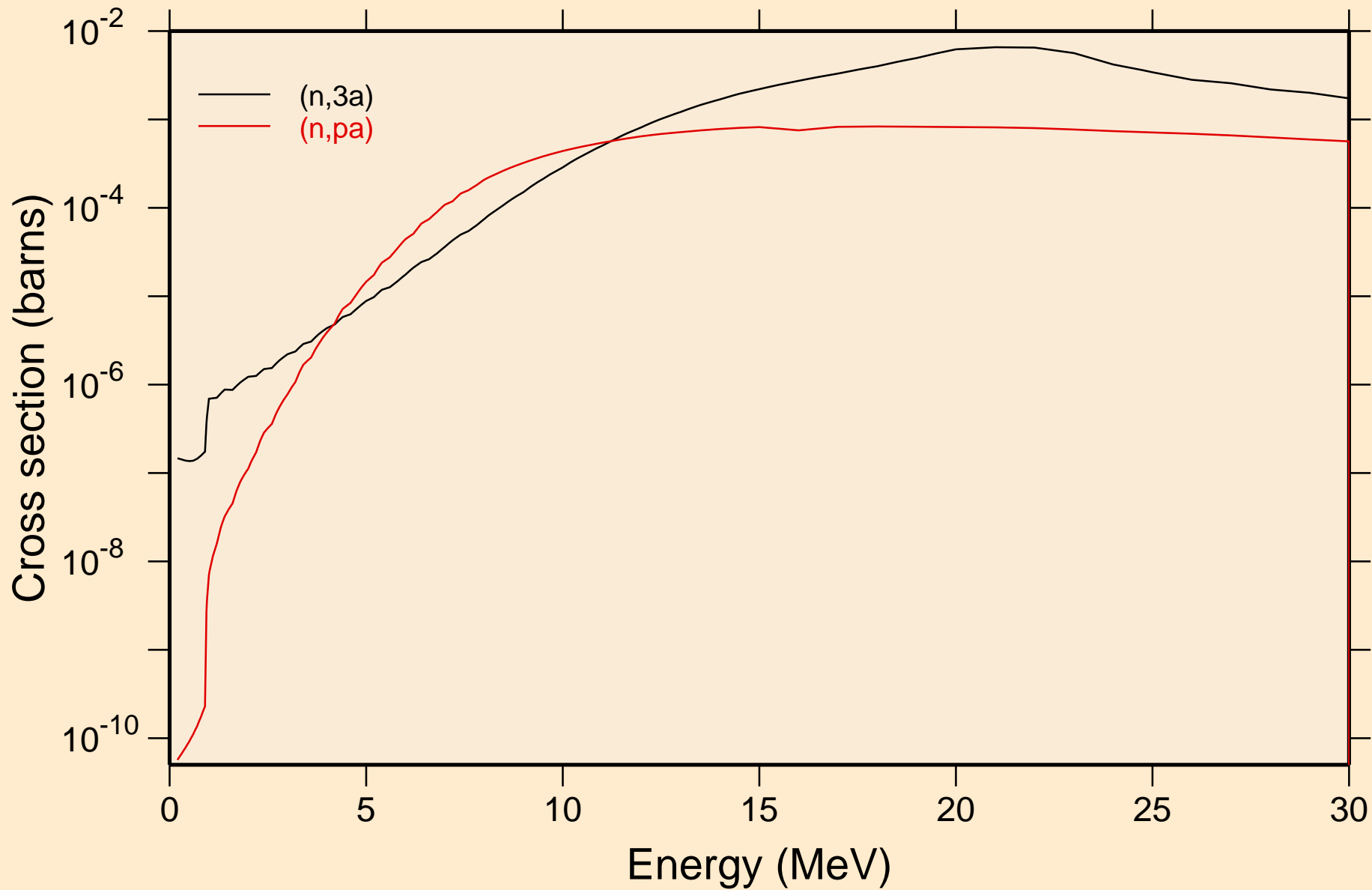
# AM231 NRG TENDL-2015, AKONING

## Non-threshold reactions

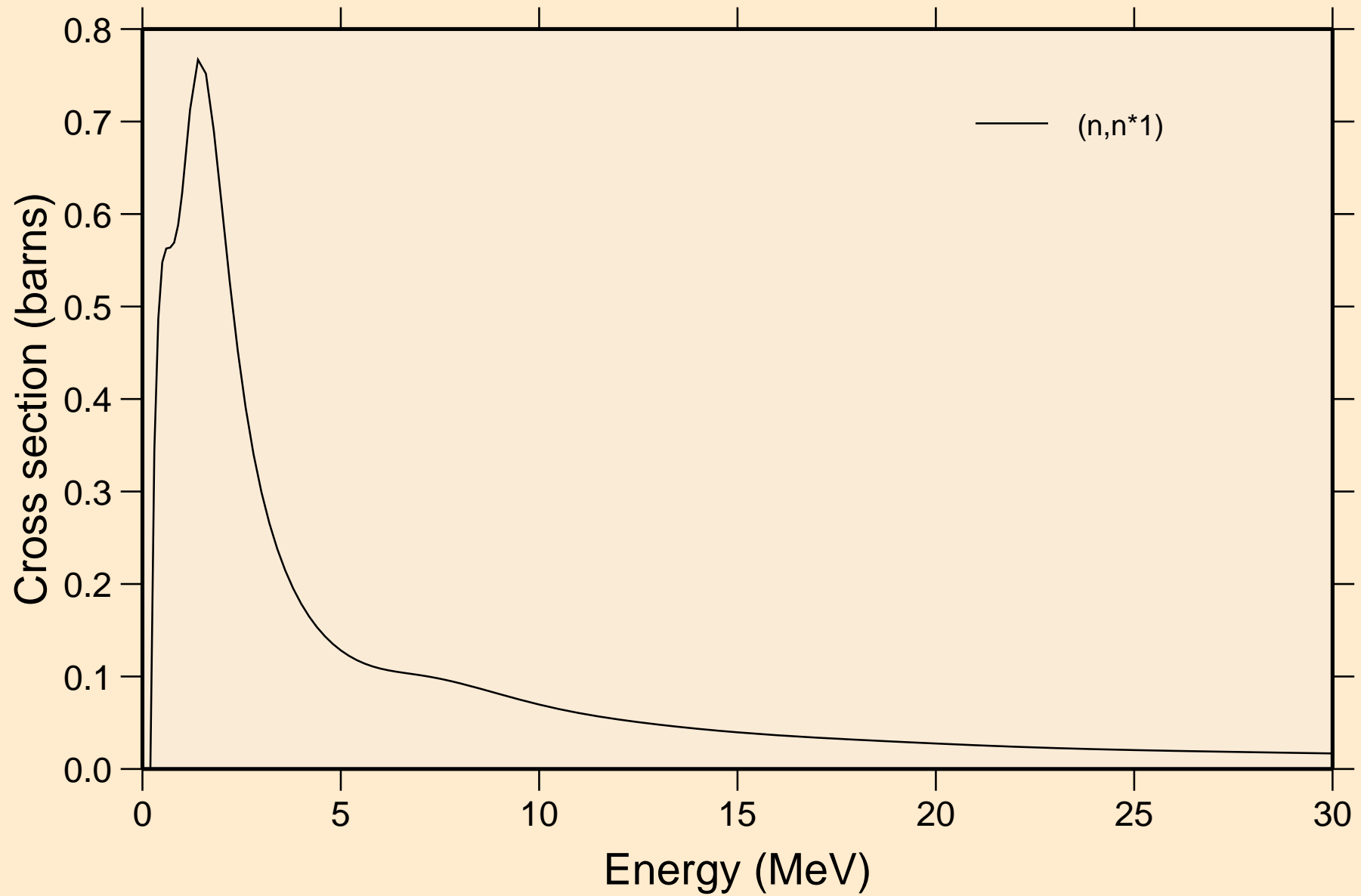


# AM231 NRG TENDL-2015, AKONING

## Non-threshold reactions

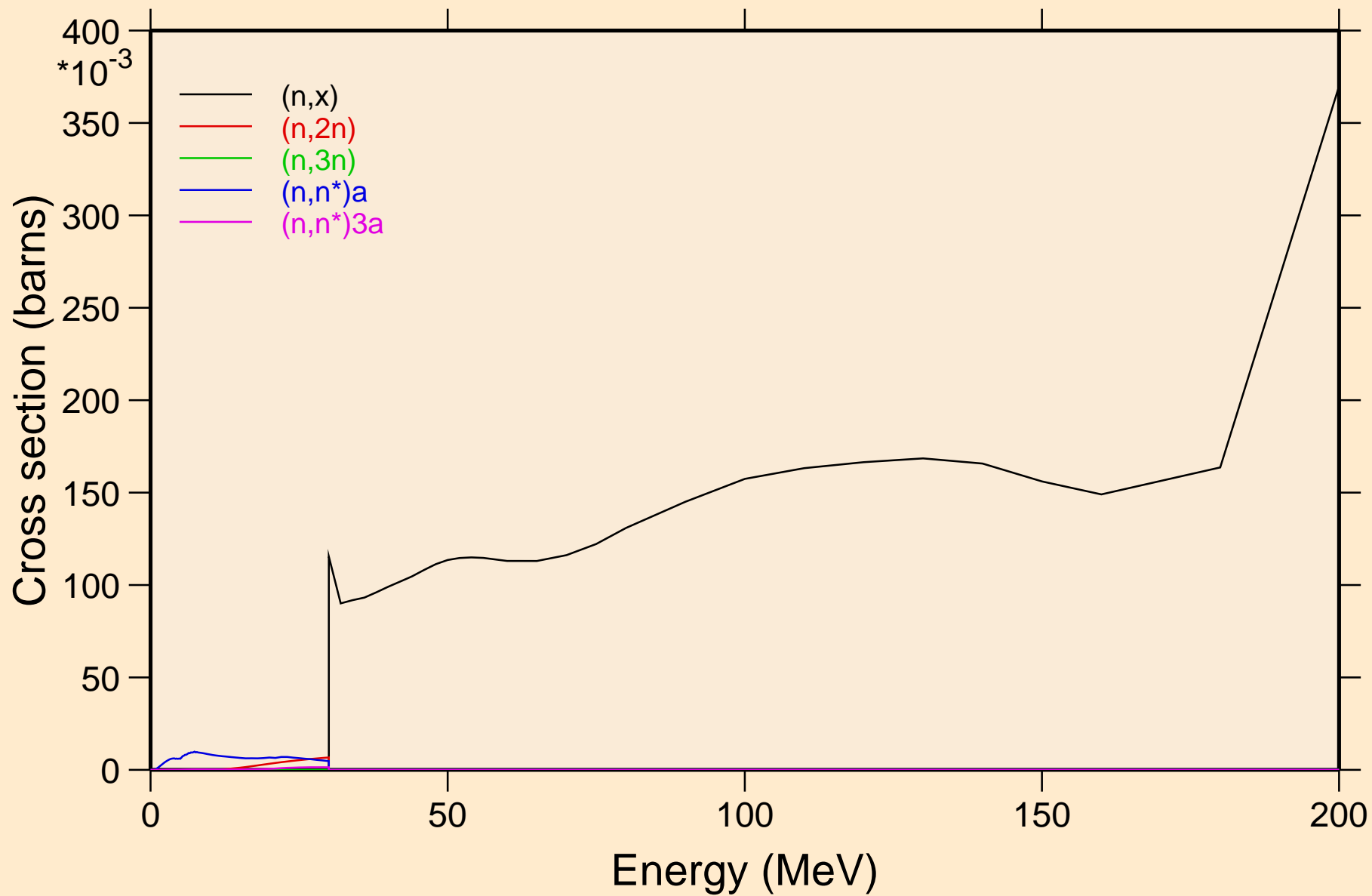


AM231 NRG TENDL-2015, AKONING  
Inelastic levels



# AM231 NRG TENDL-2015, AKONING

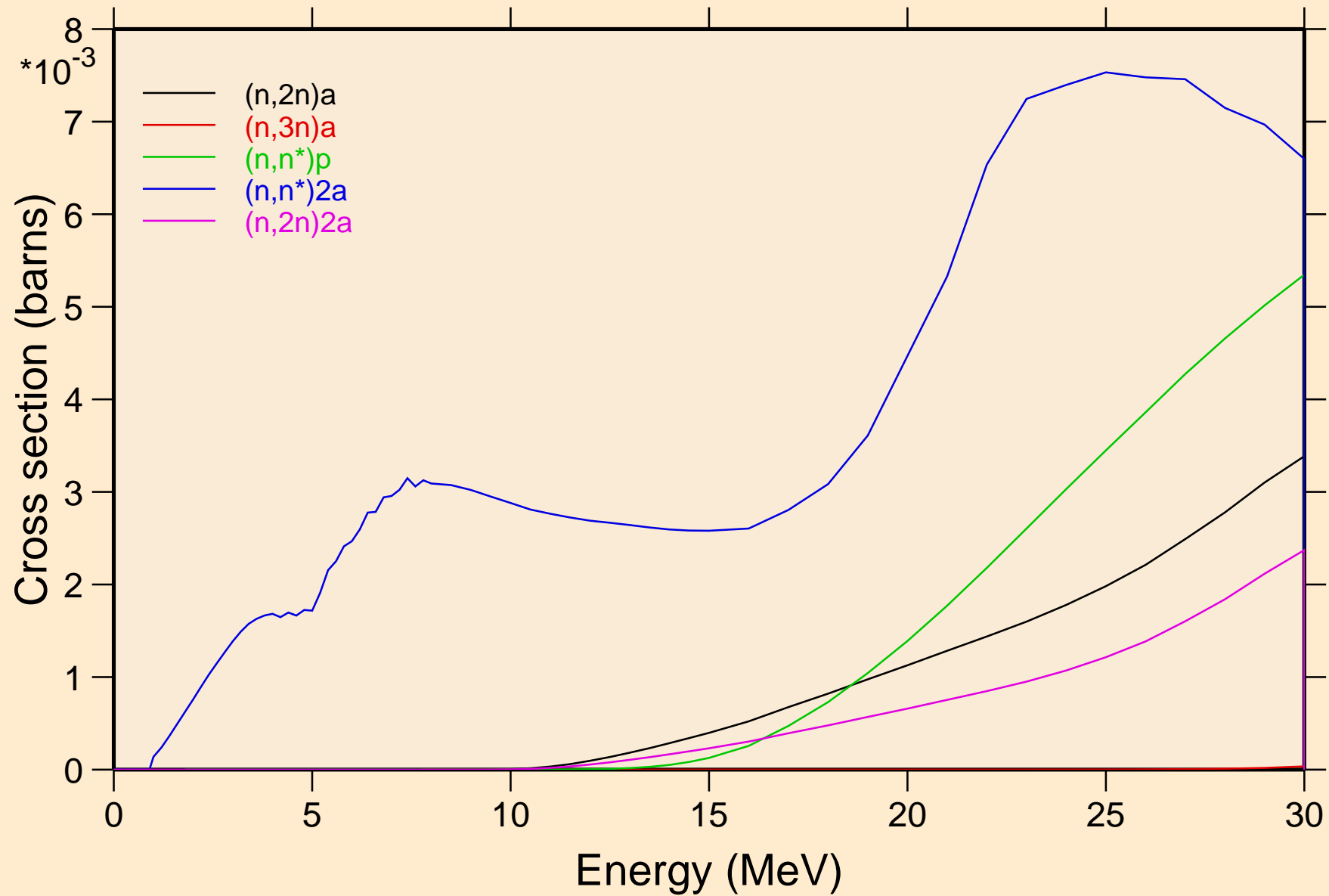
## Threshold reactions





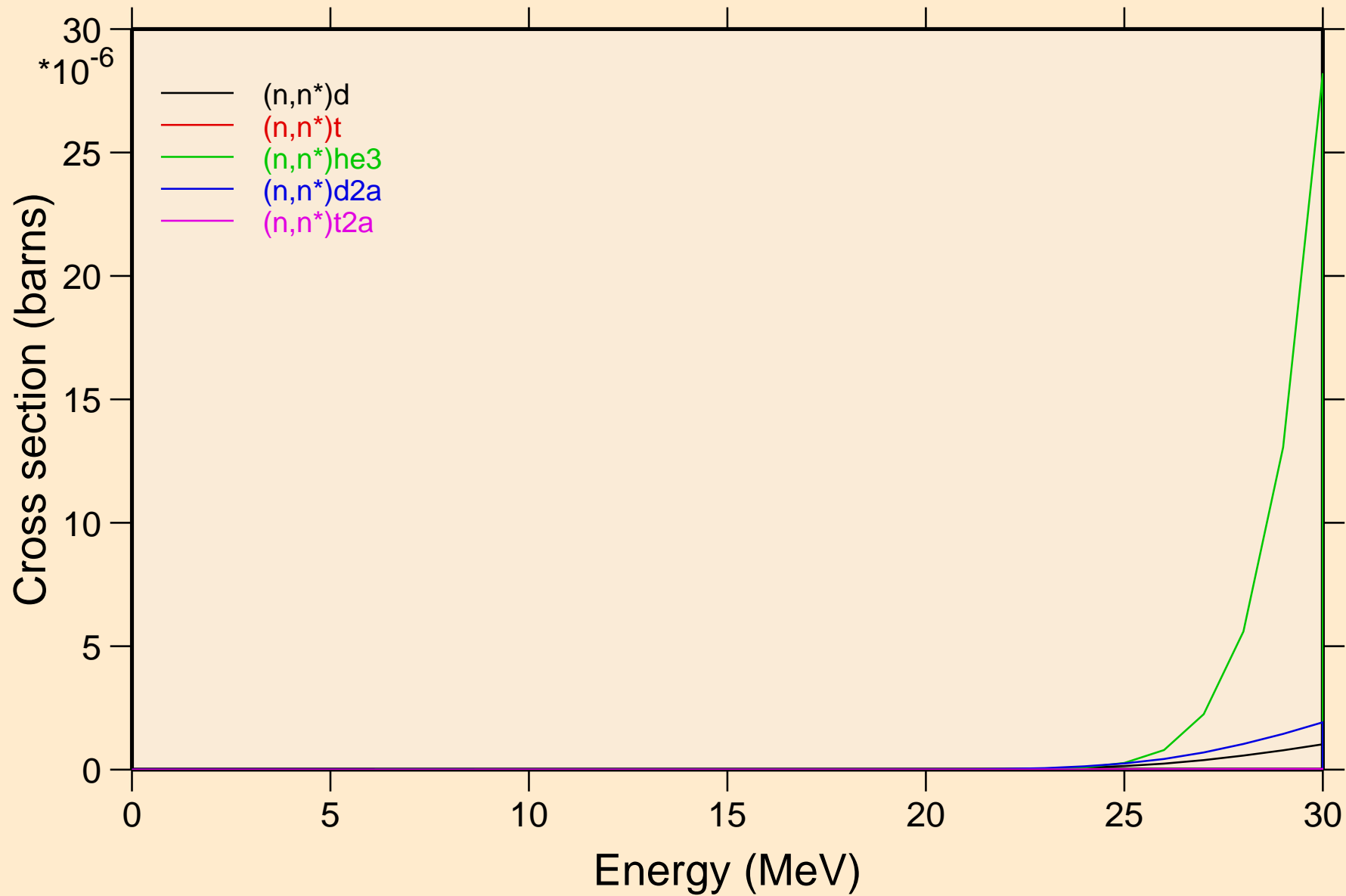
# AM231 NRG TENDL-2015, AKONING

## Threshold reactions



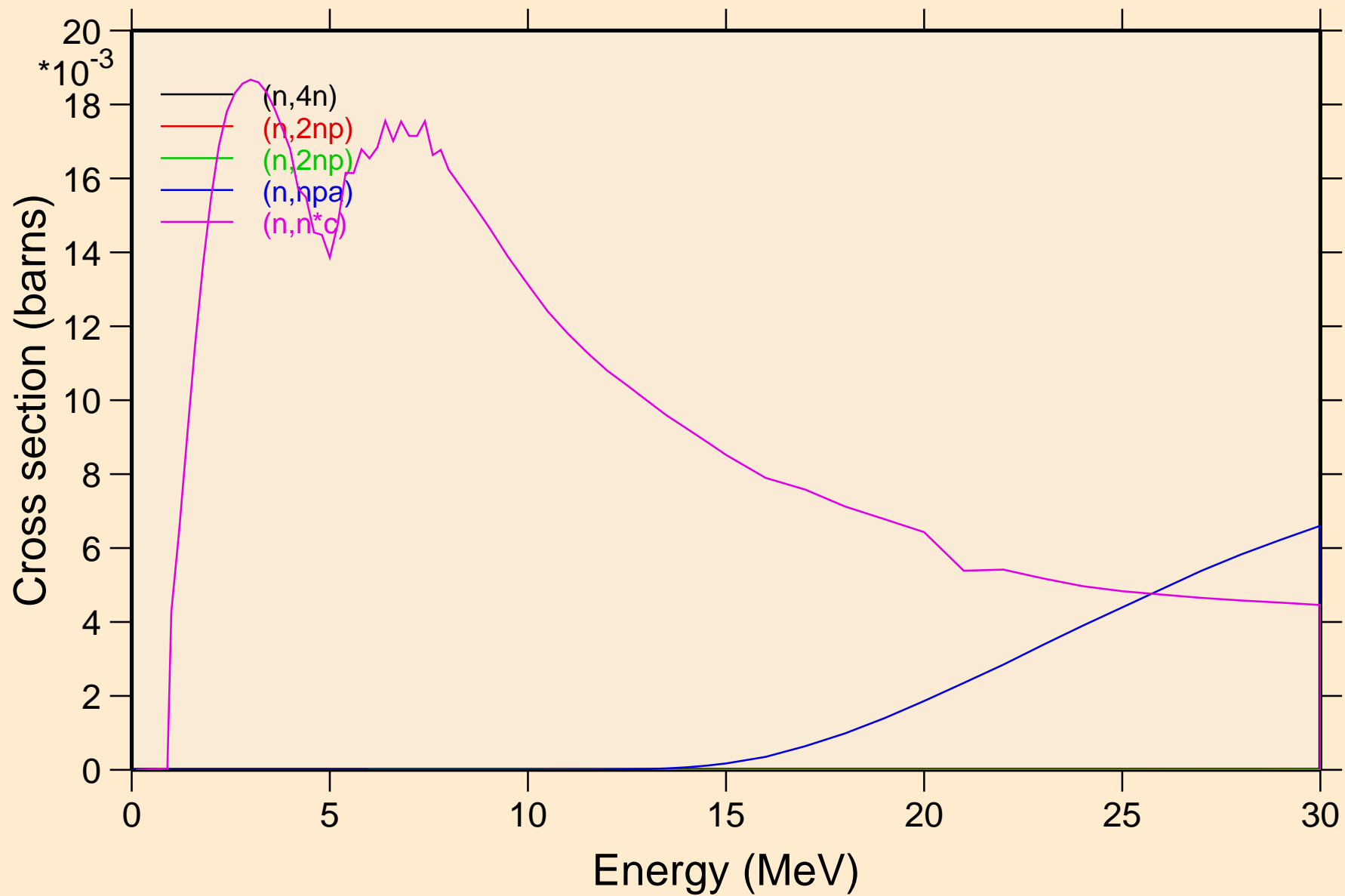
# AM231 NRG TENDL-2015, AKONING

## Threshold reactions



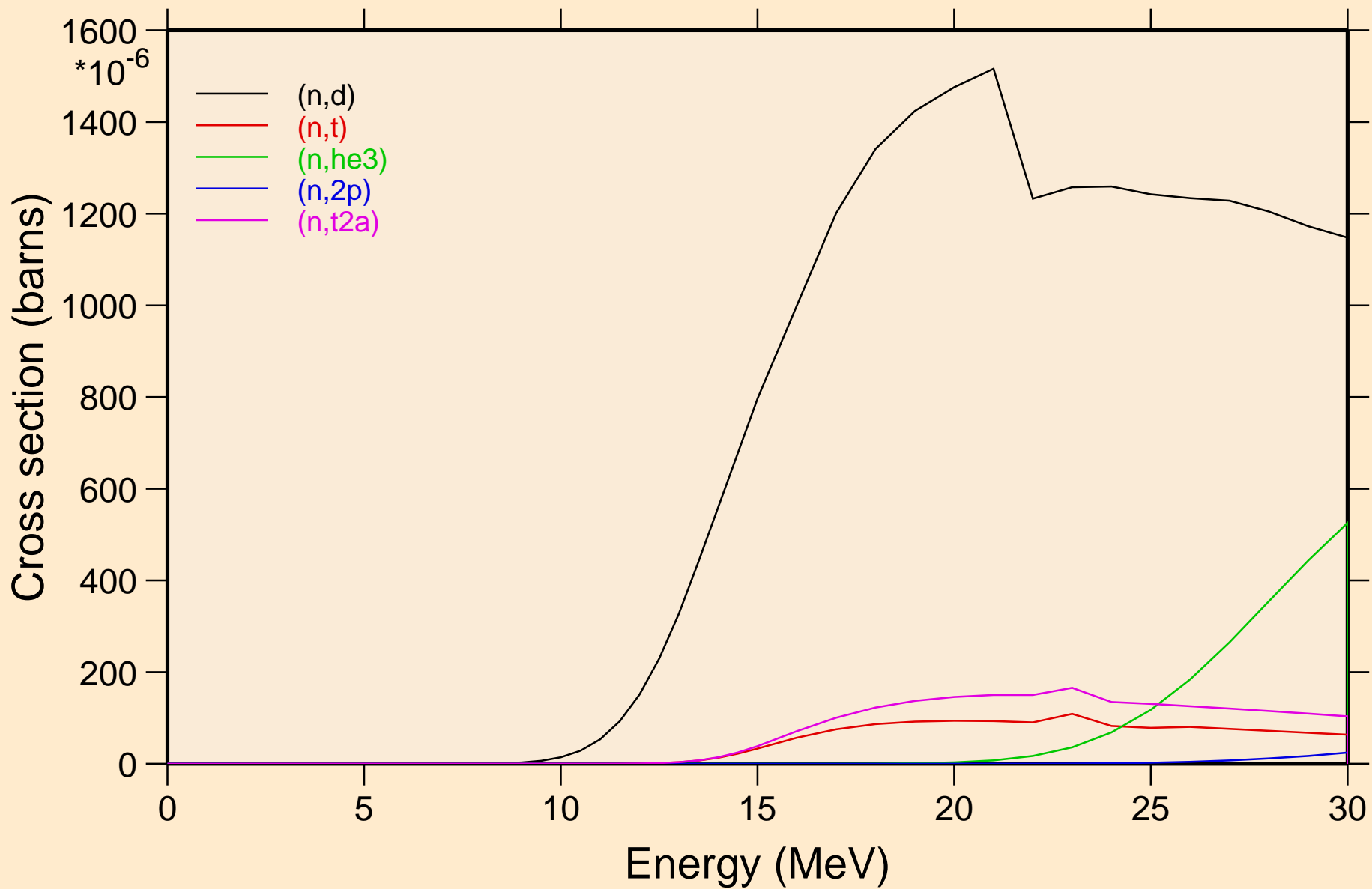
# AM231 NRG TENDL-2015, AKONING

## Threshold reactions



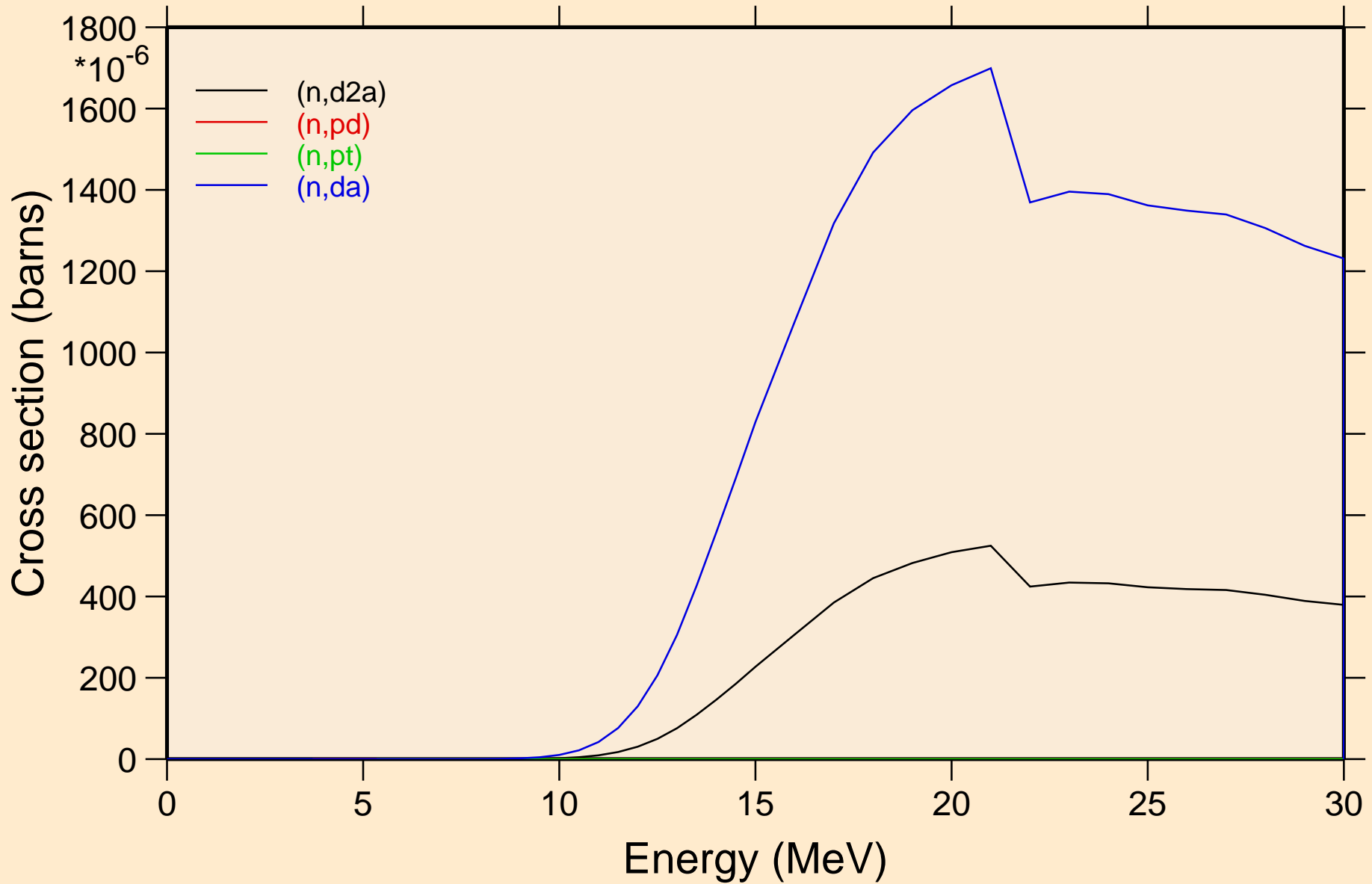
# AM231 NRG TENDL-2015, AKONING

## Threshold reactions

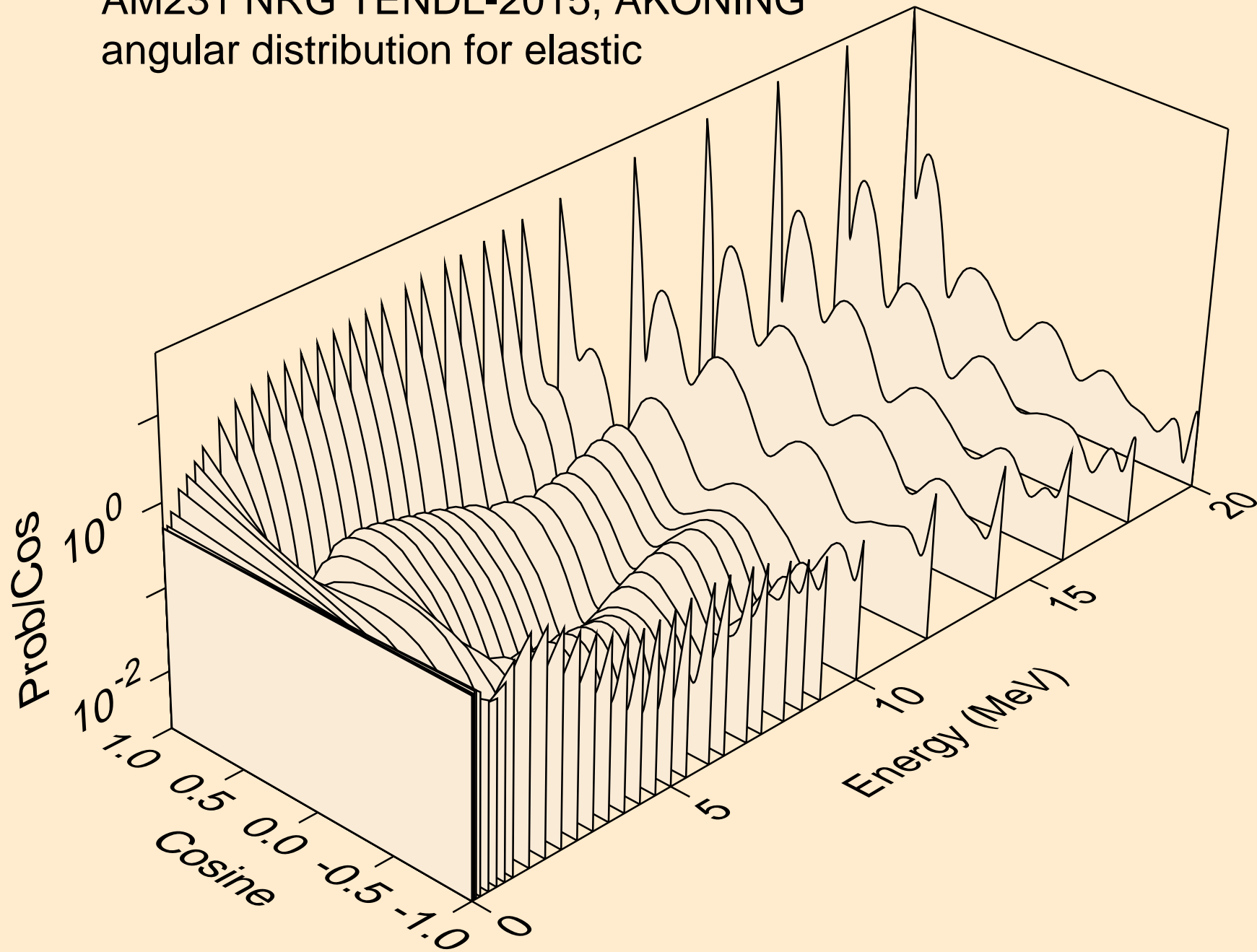


# AM231 NRG TENDL-2015, AKONING

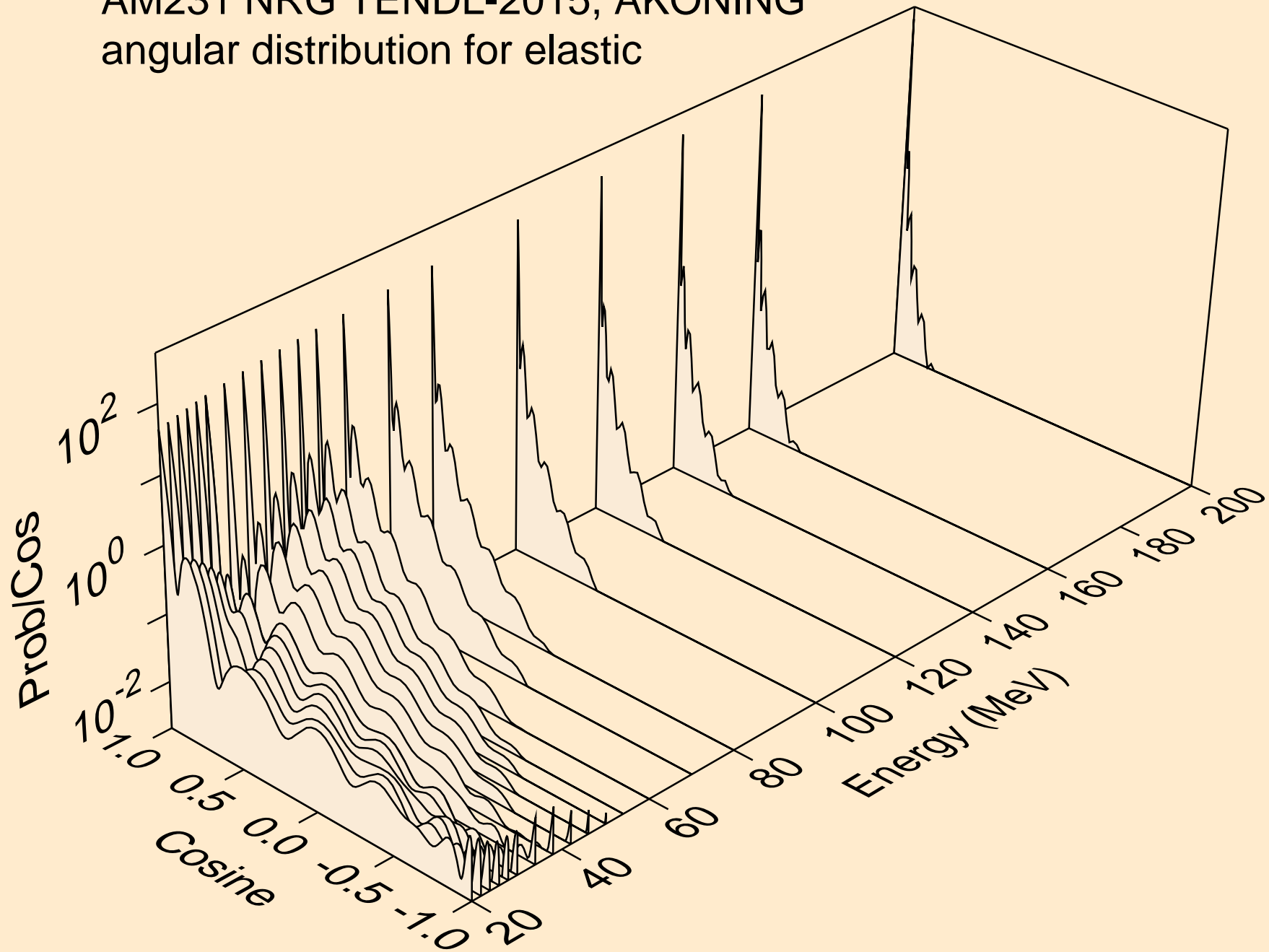
## Threshold reactions



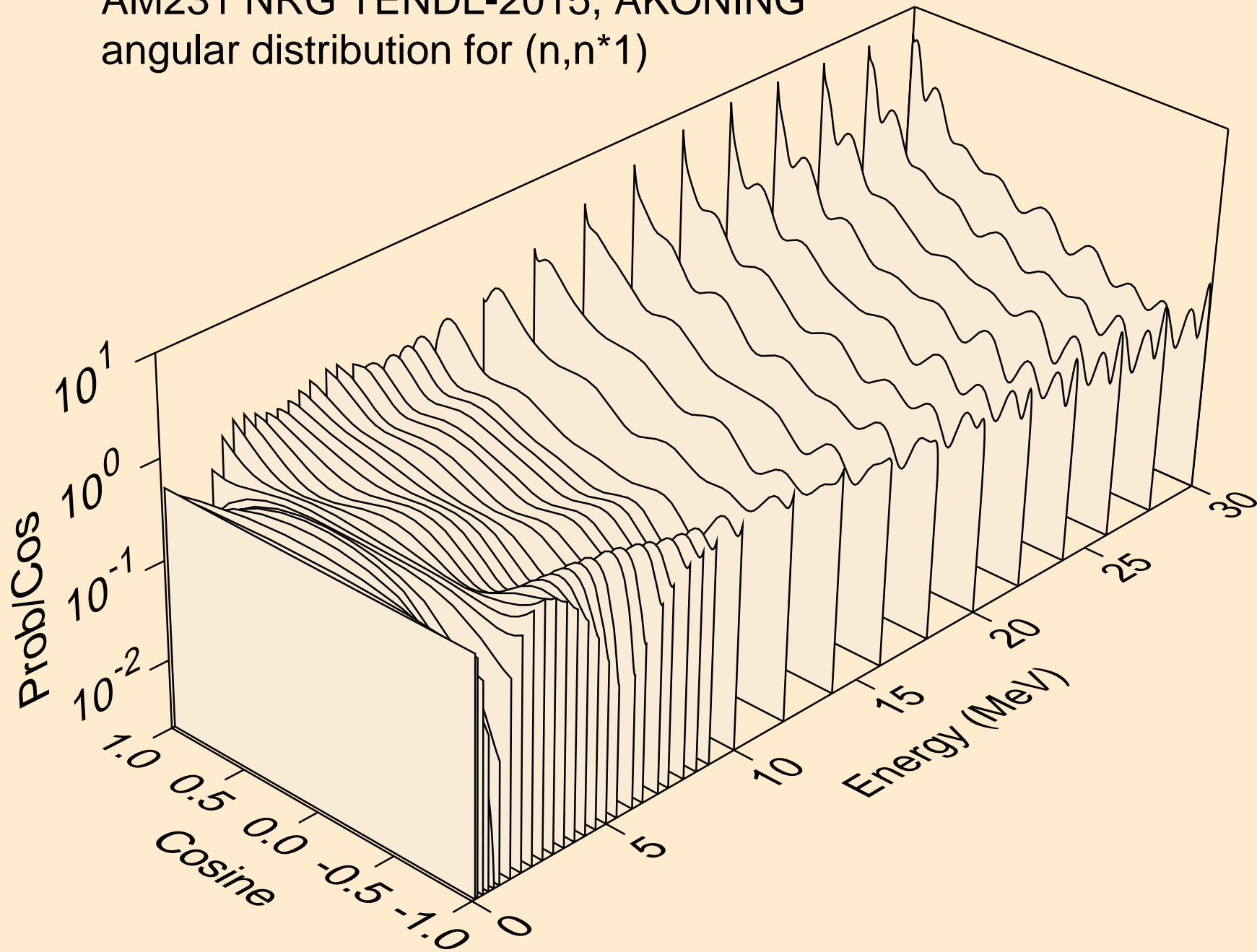
AM231 NRG TENDL-2015, AKONING  
angular distribution for elastic



AM231 NRG TENDL-2015, AKONING  
angular distribution for elastic



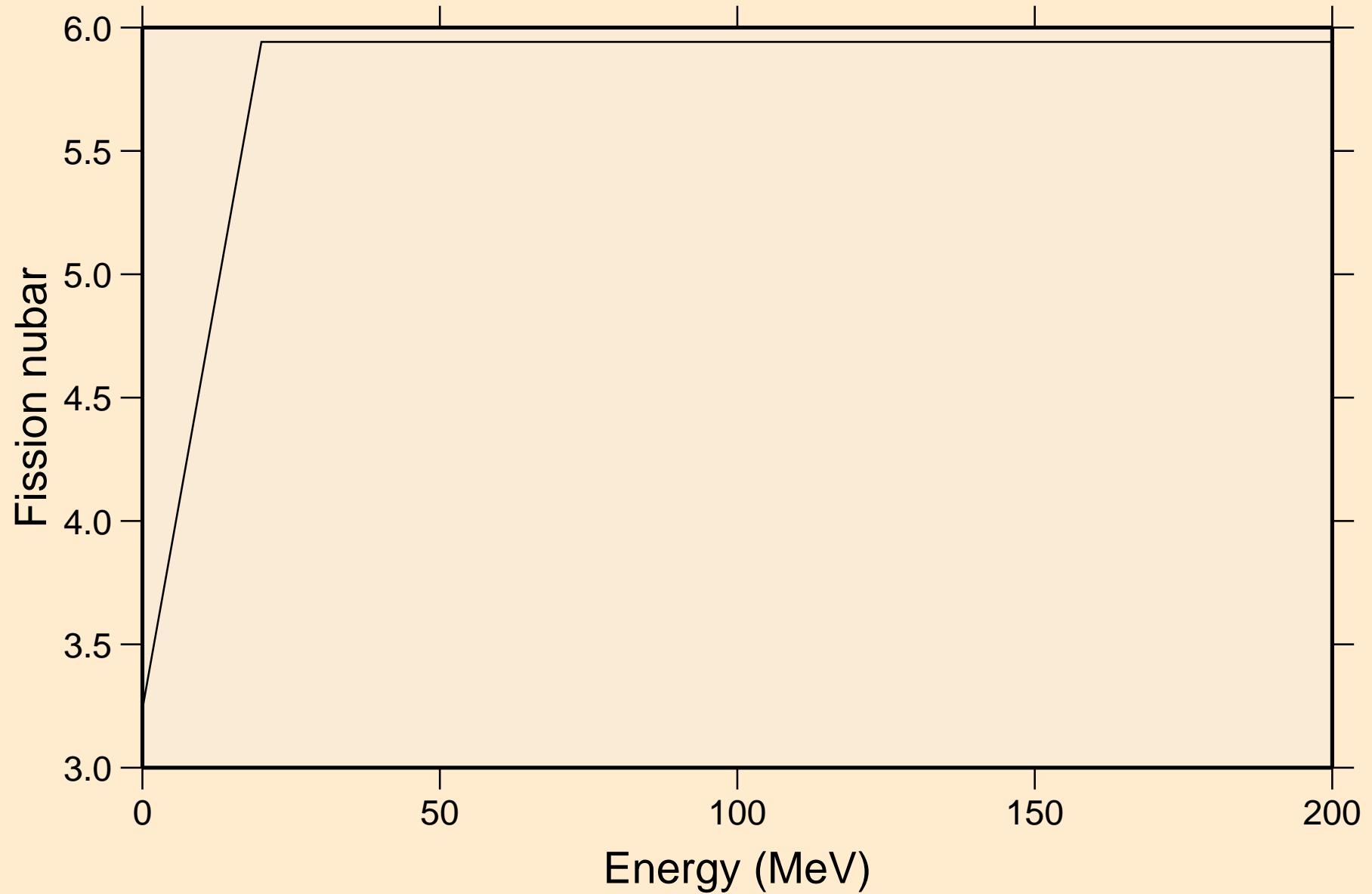
AM231 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



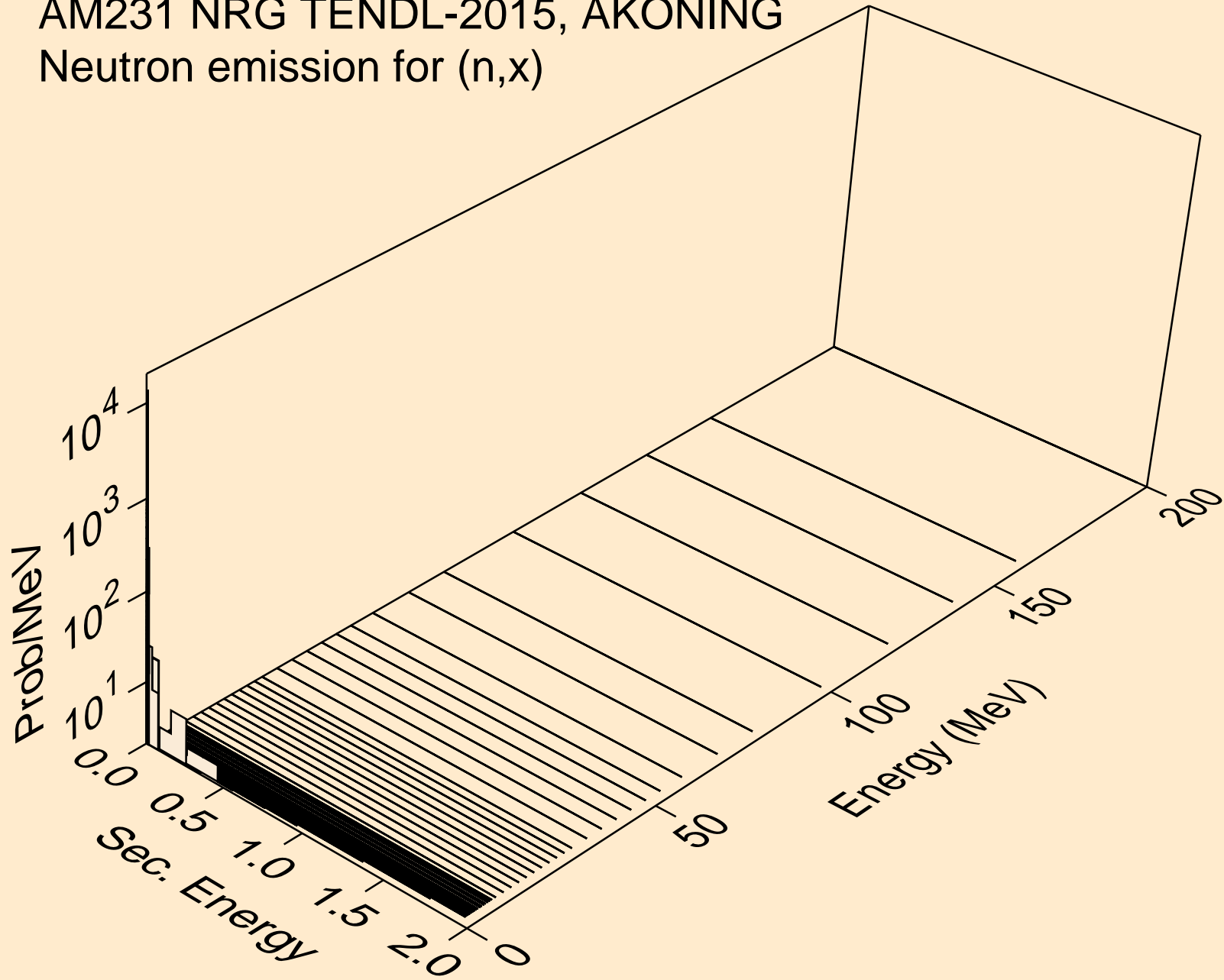


# AM231 NRG TENDL-2015, AKONING

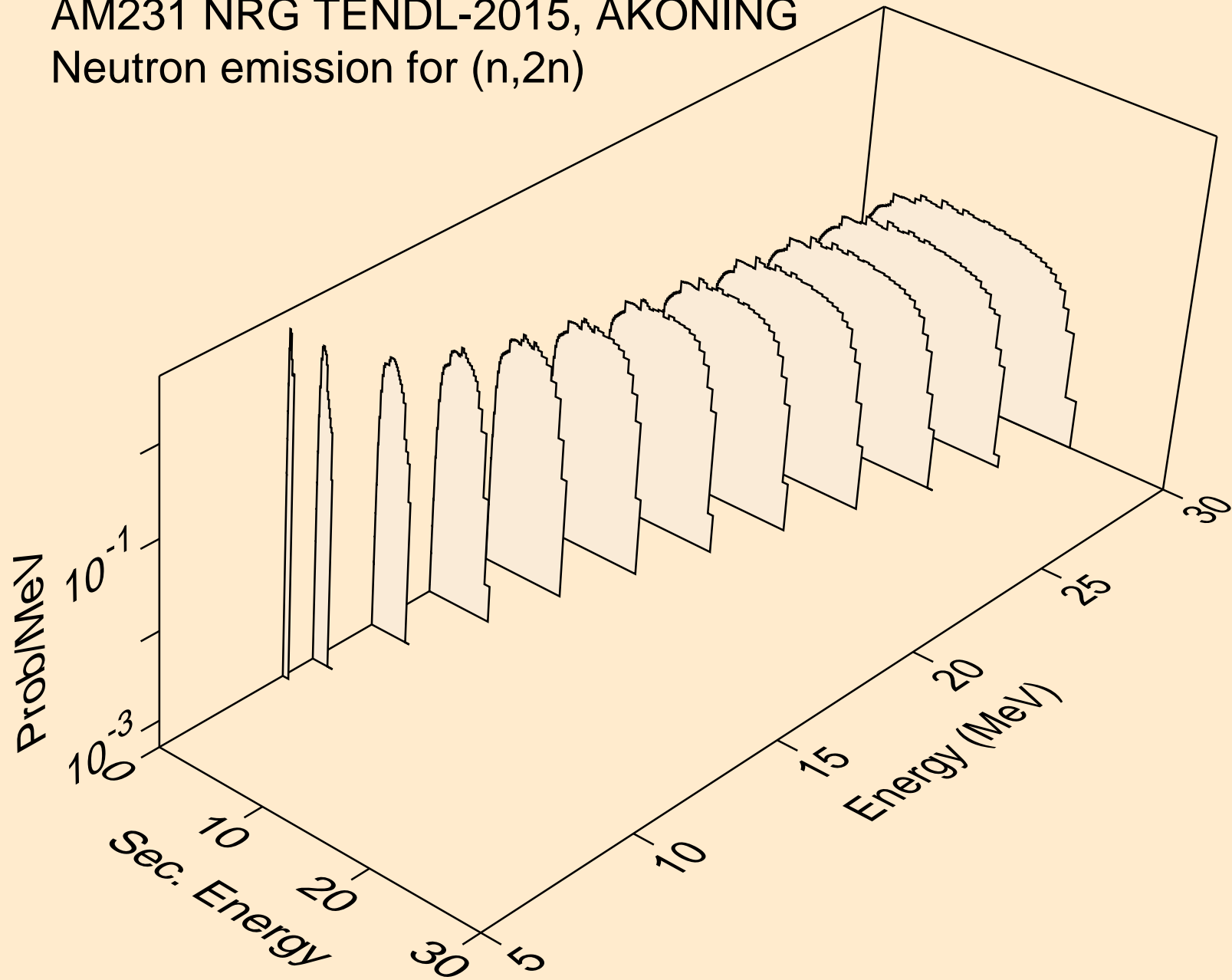
Total fission nubar



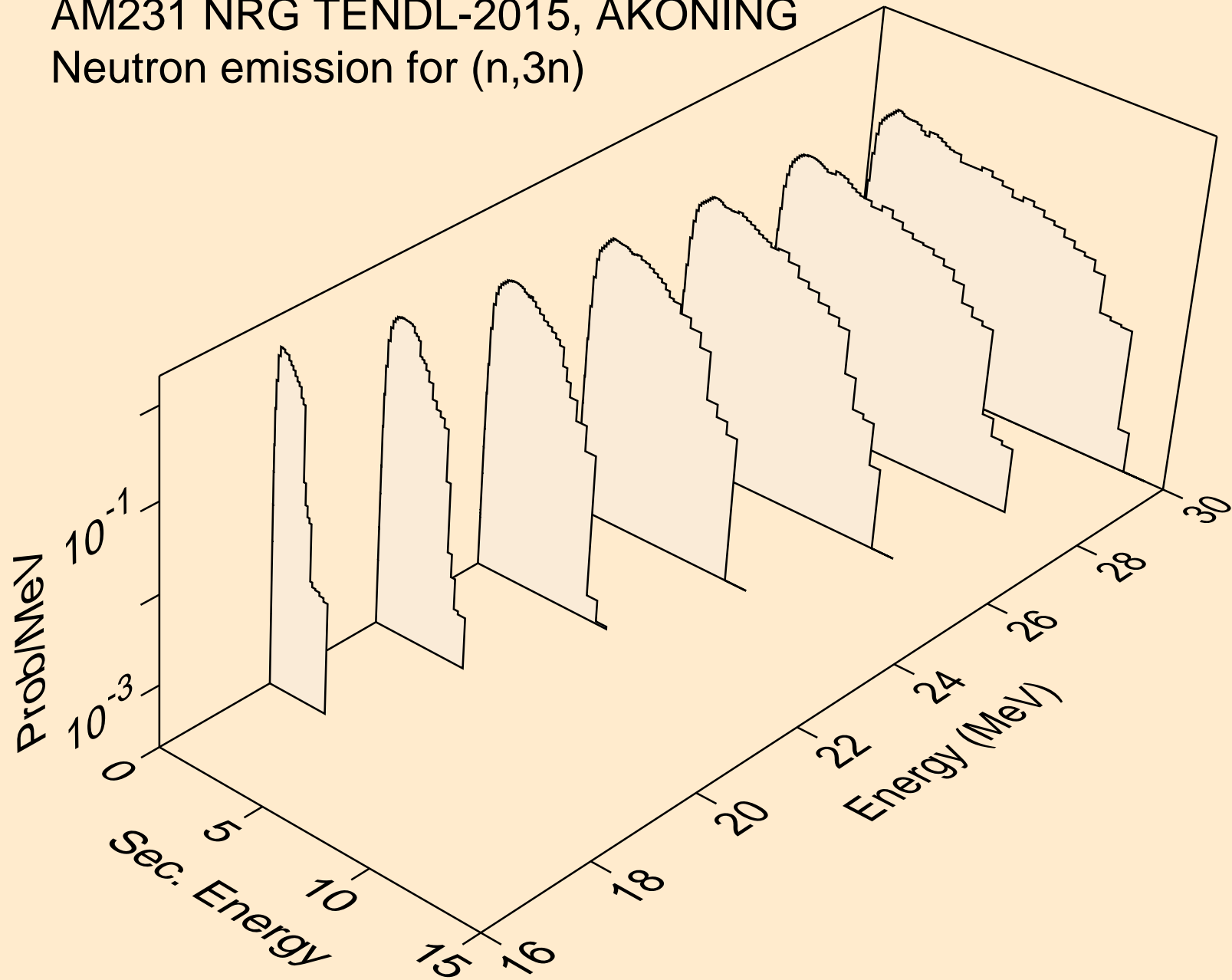
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



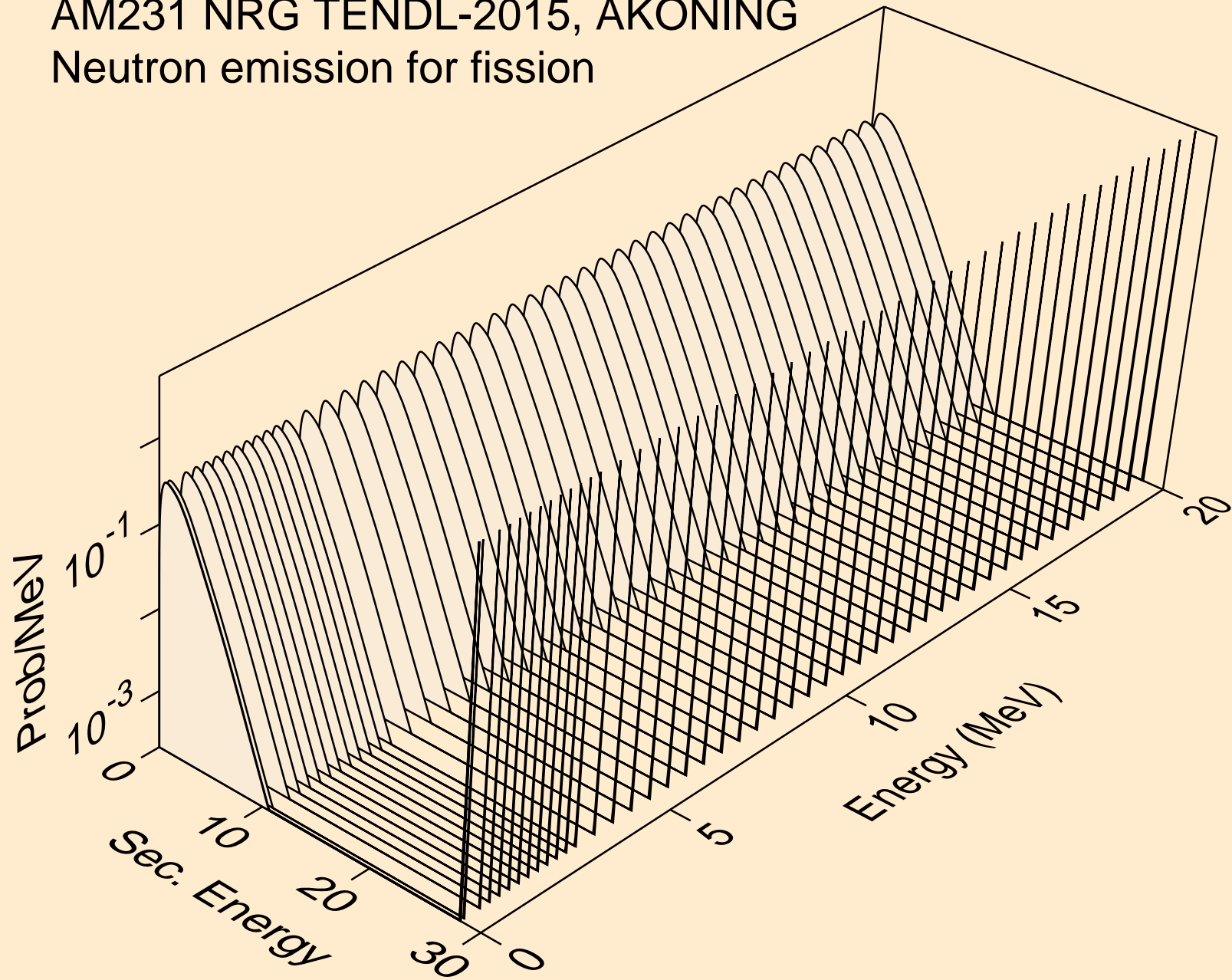
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



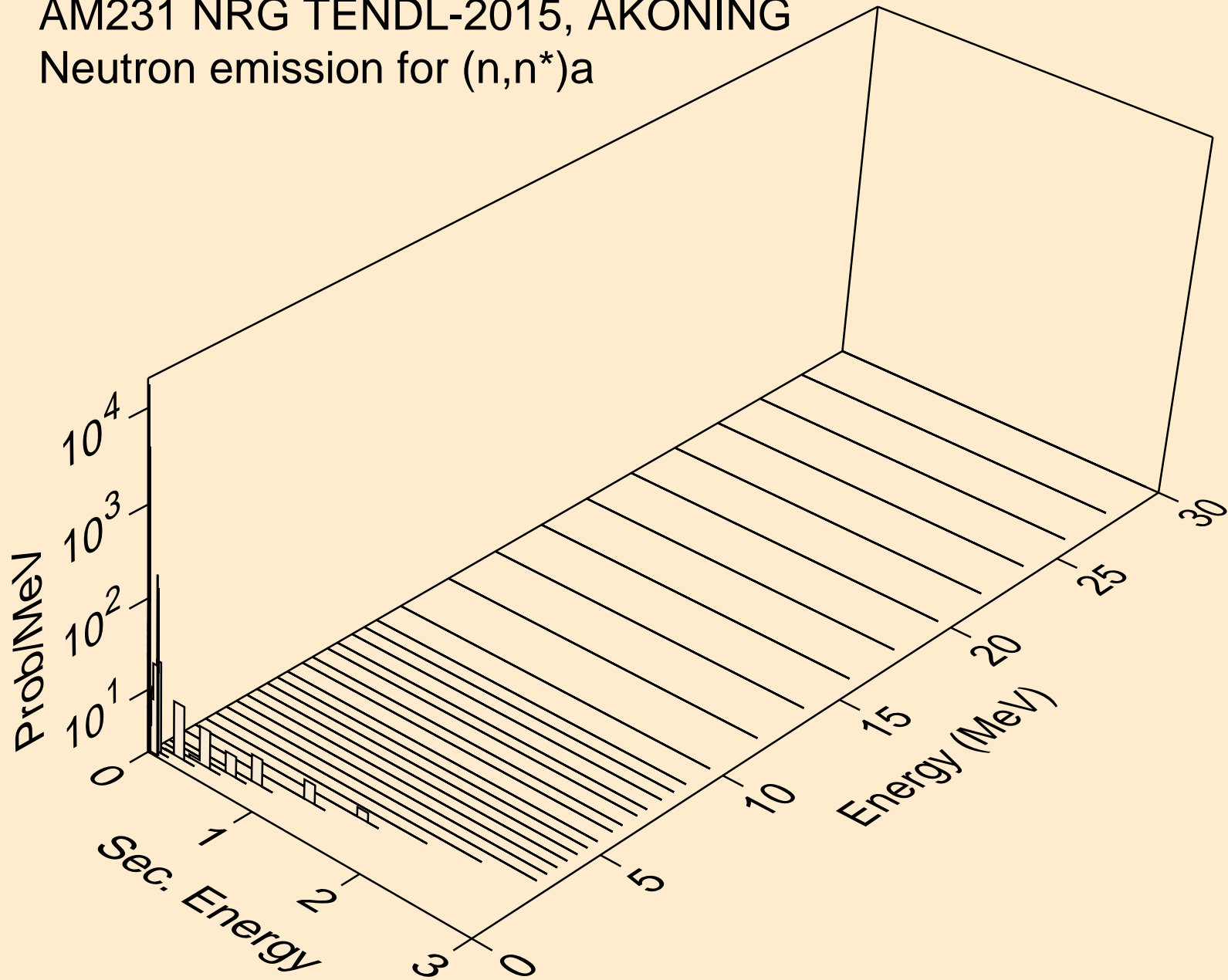
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



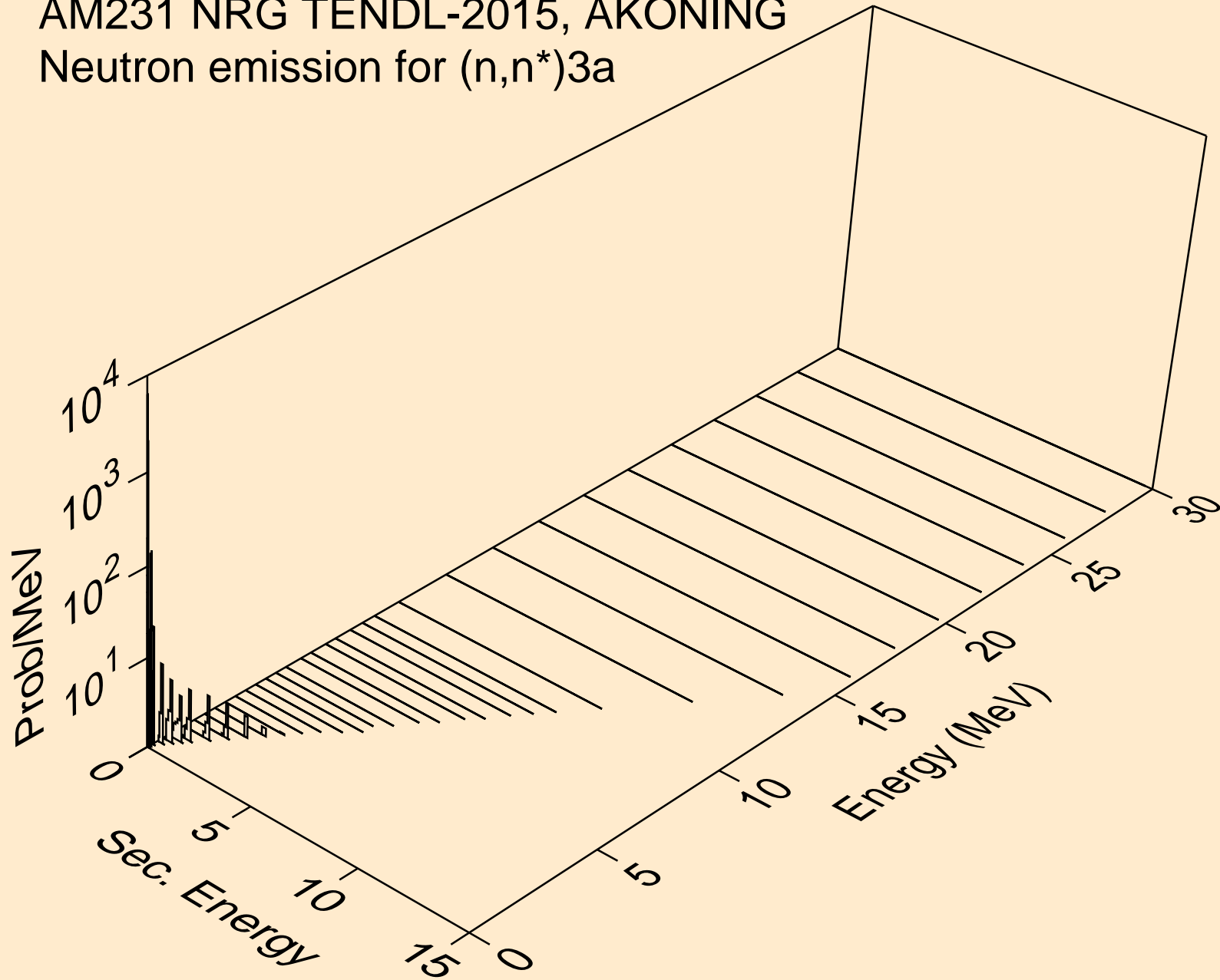
AM231 NRG TENDL-2015, AKONING  
Neutron emission for fission



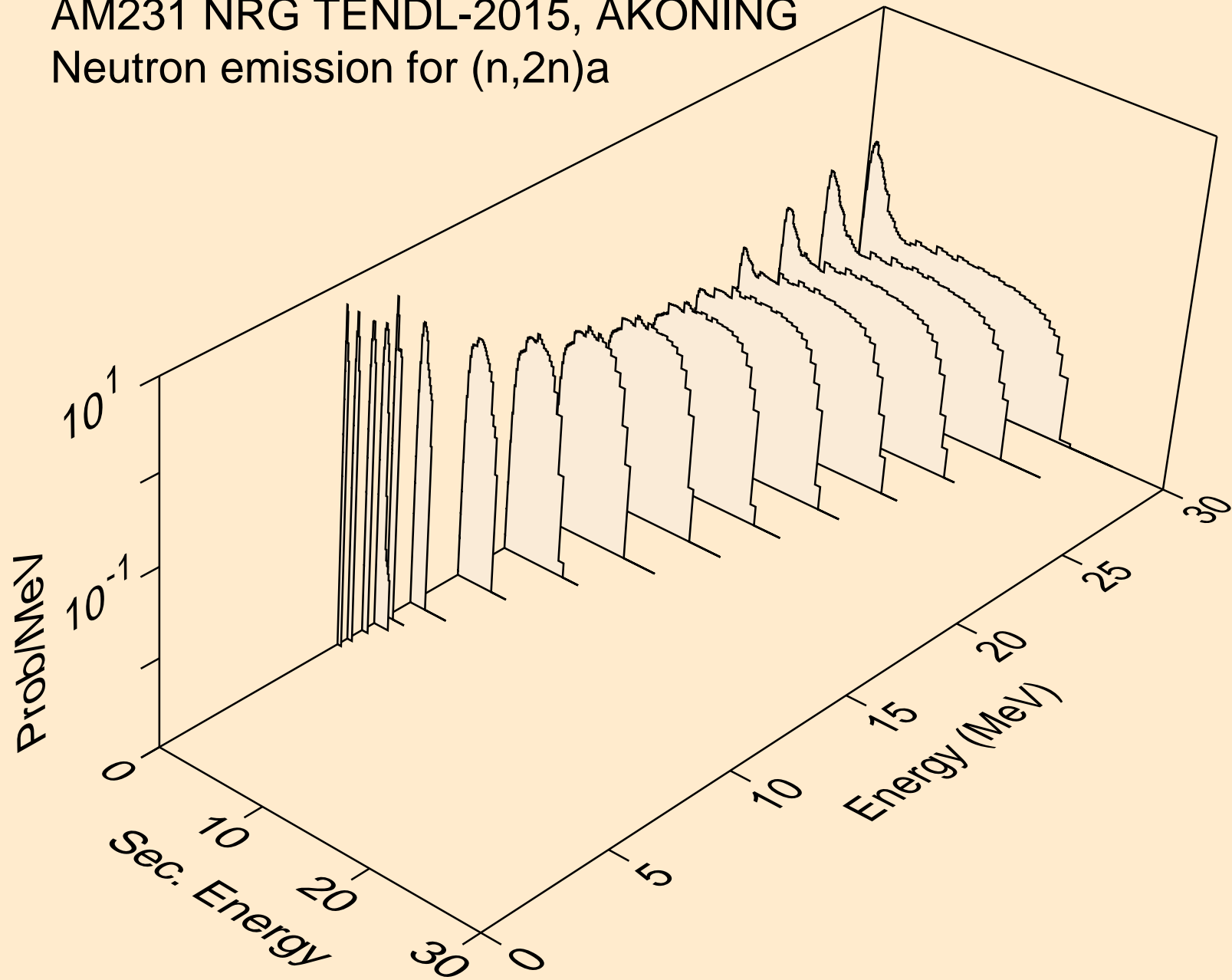
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

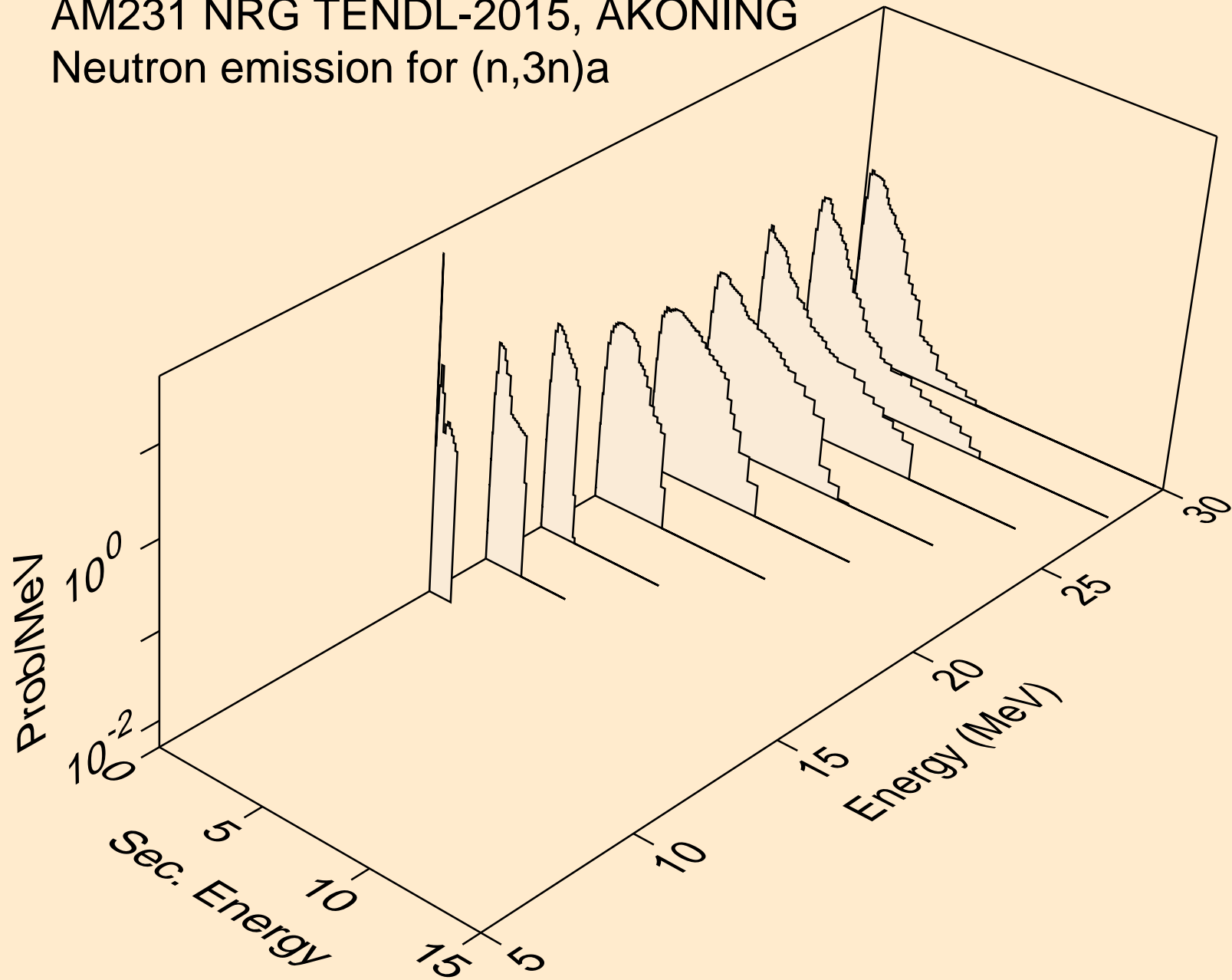


AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

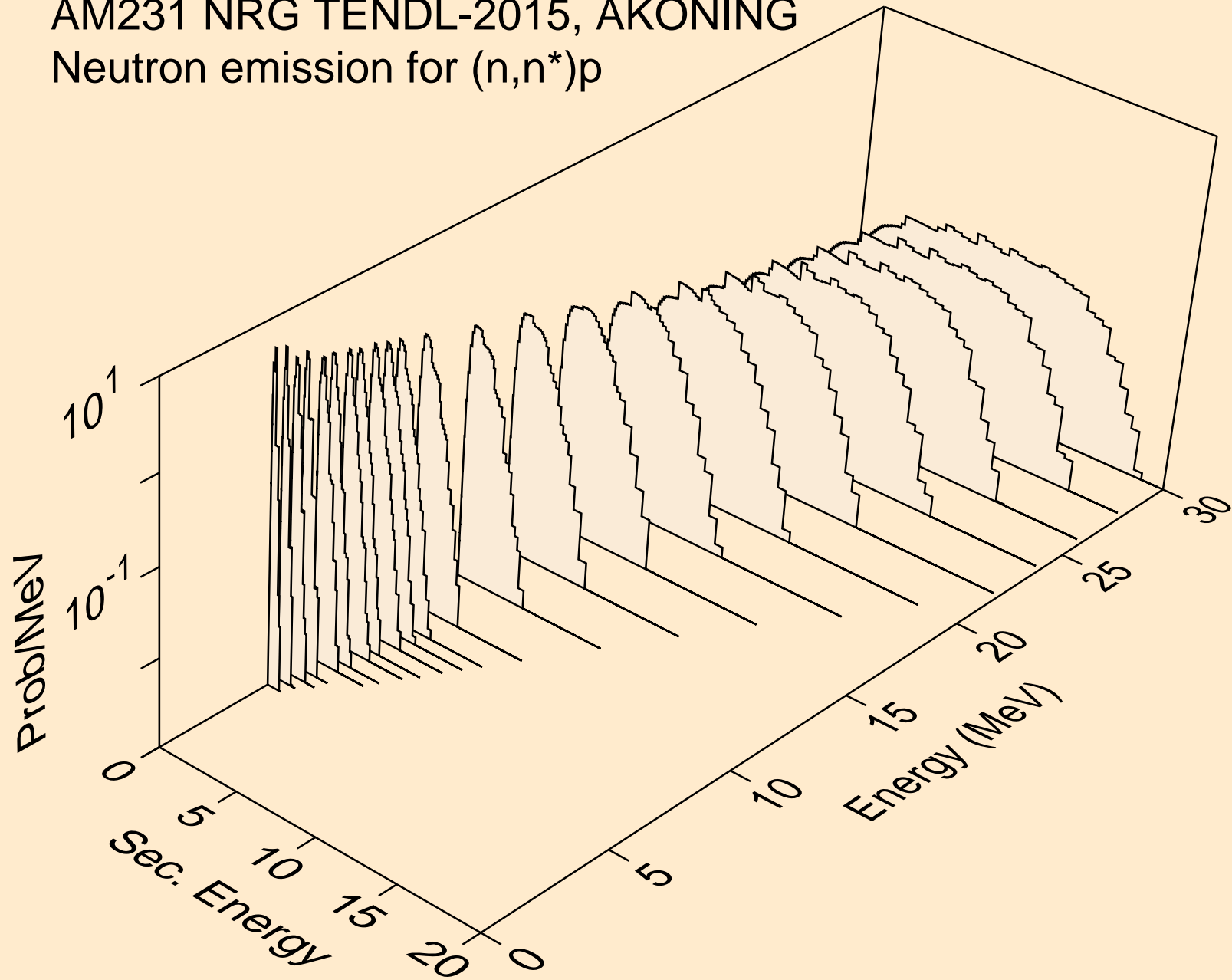




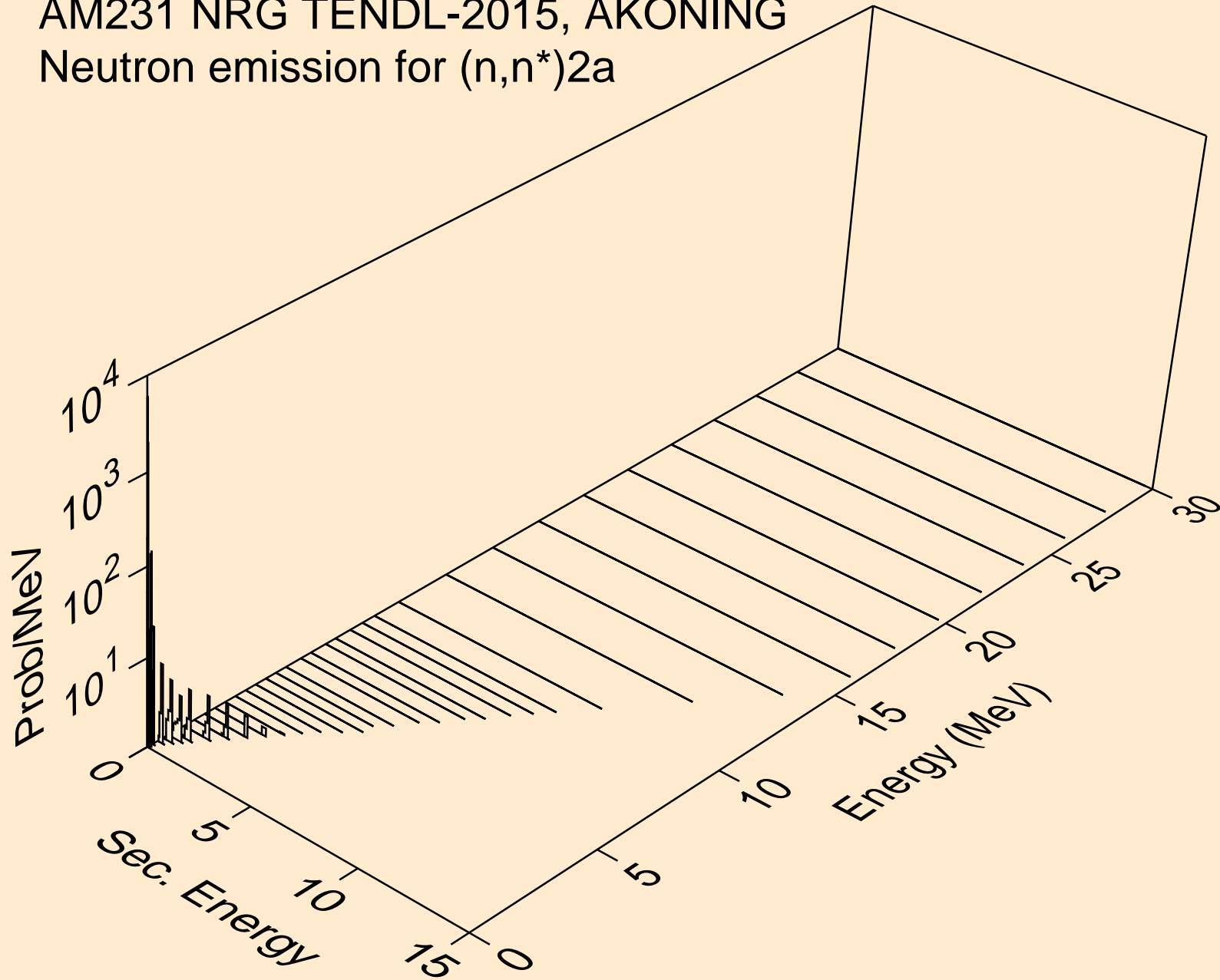
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



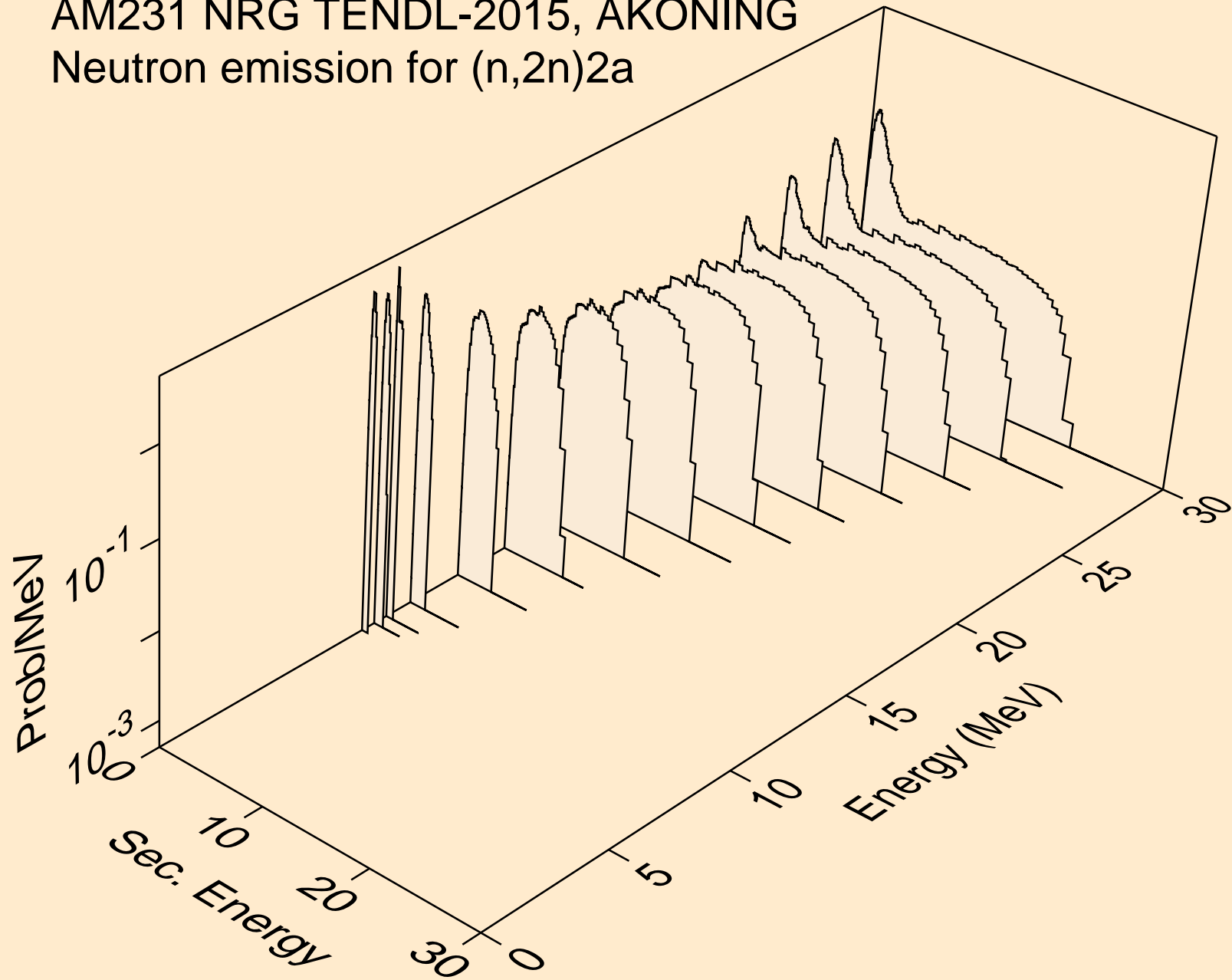
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



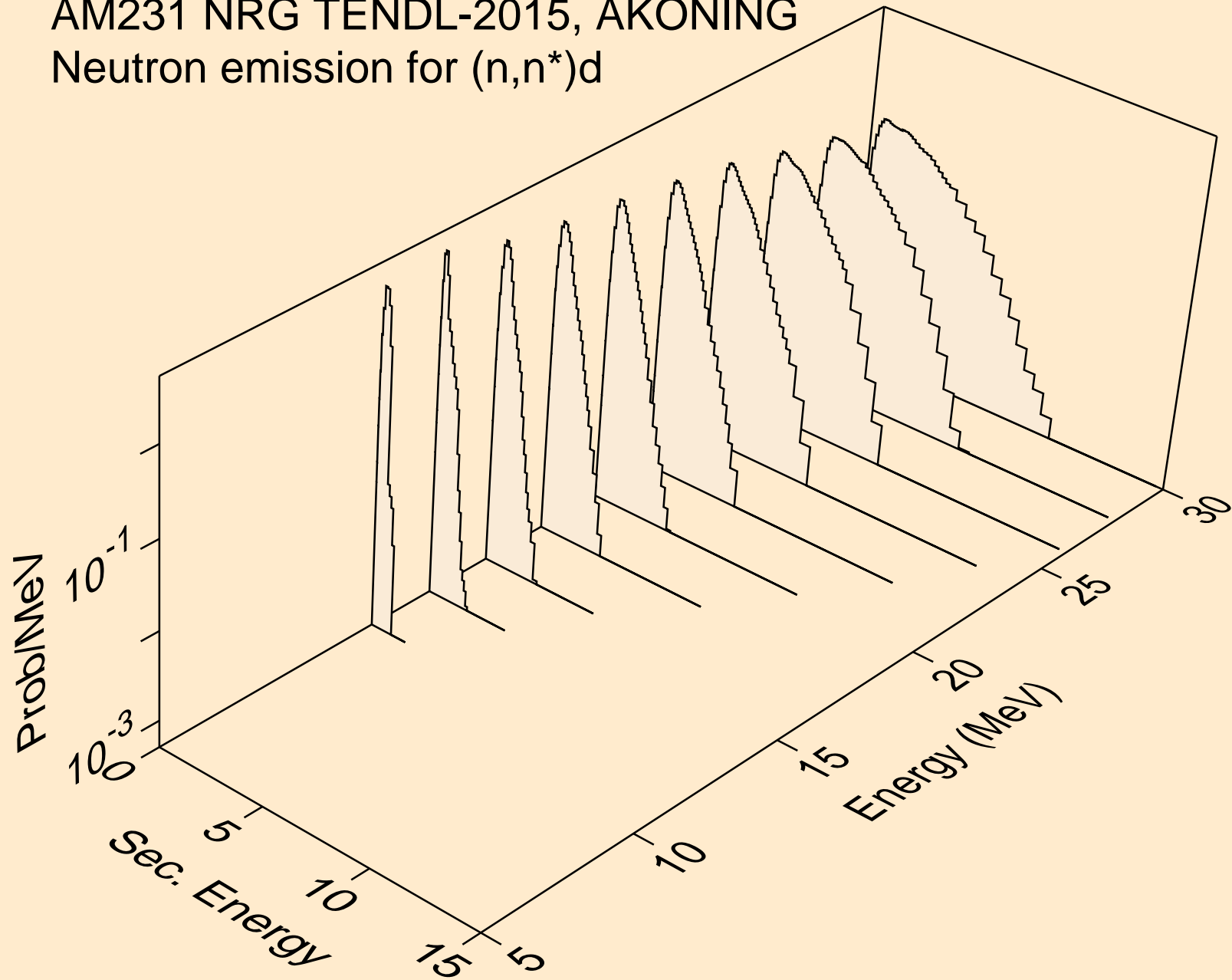
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



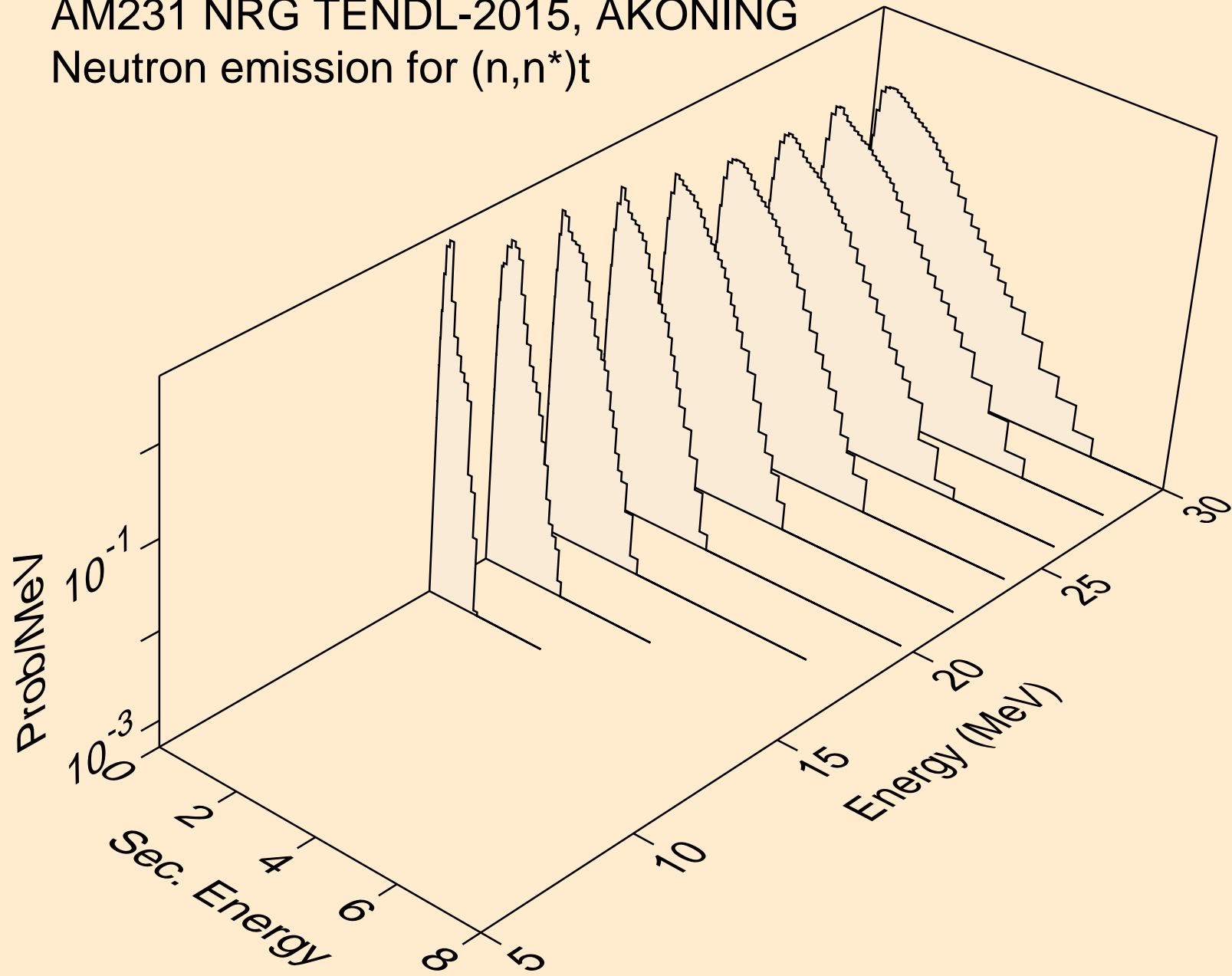
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



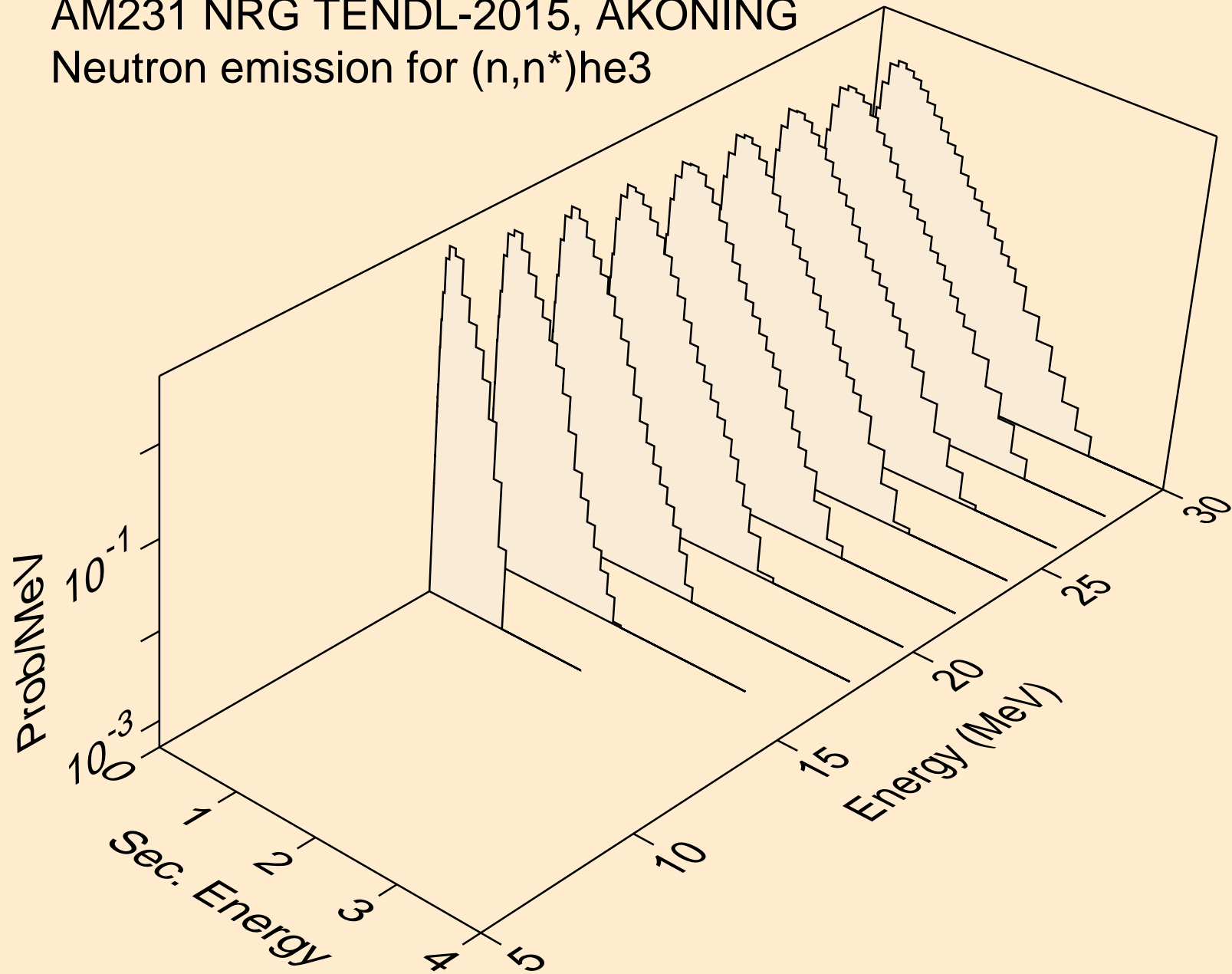
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



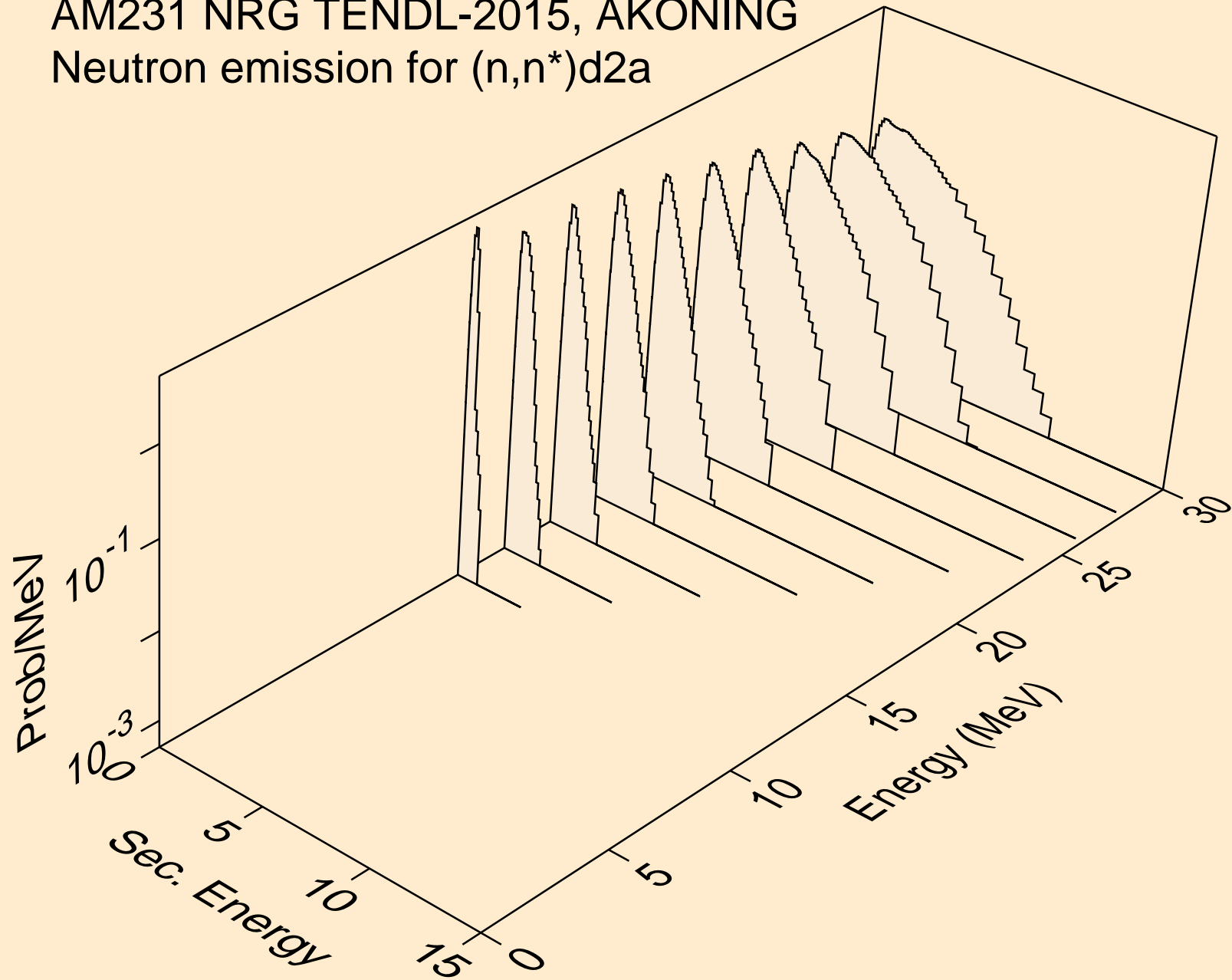
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

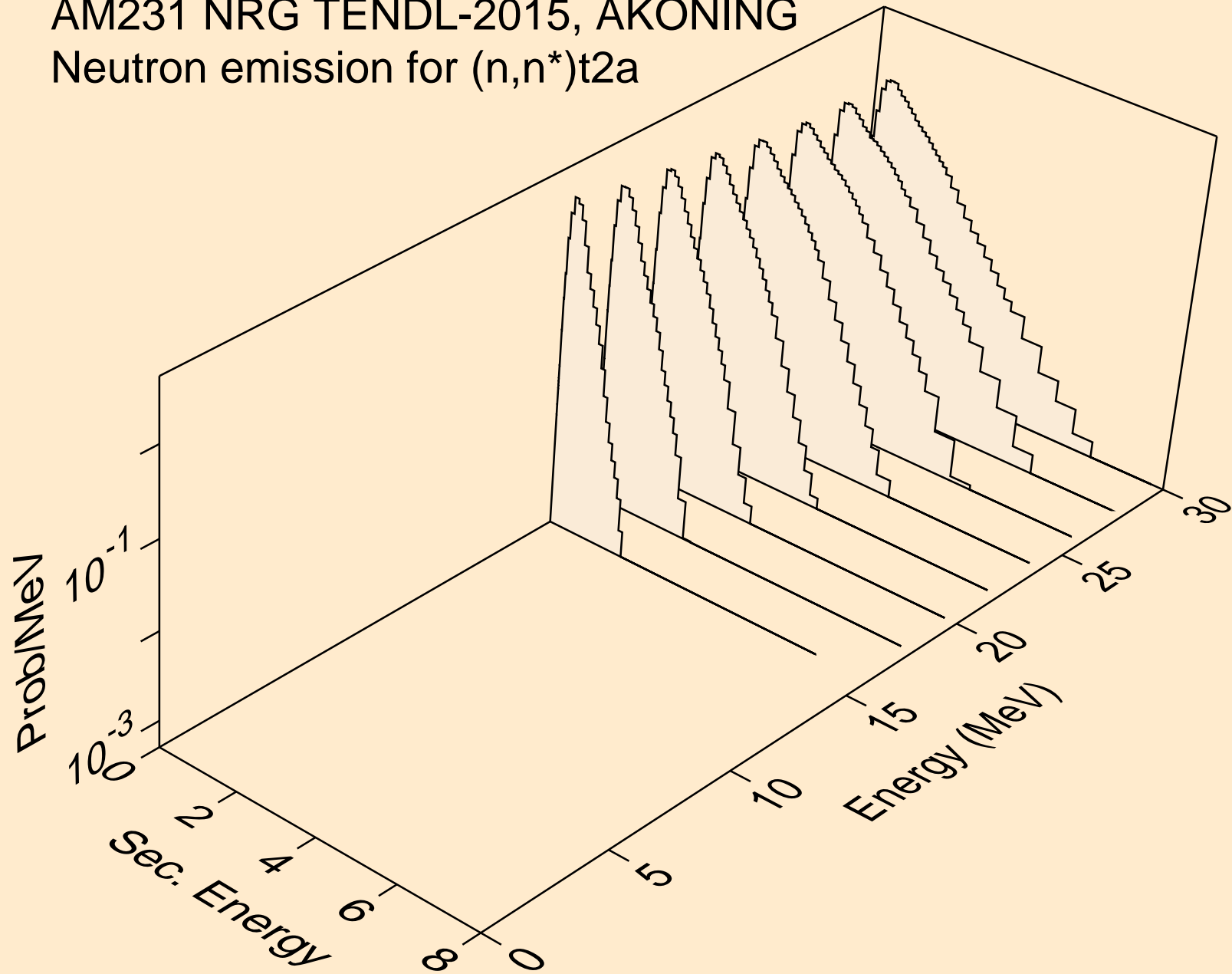


AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a

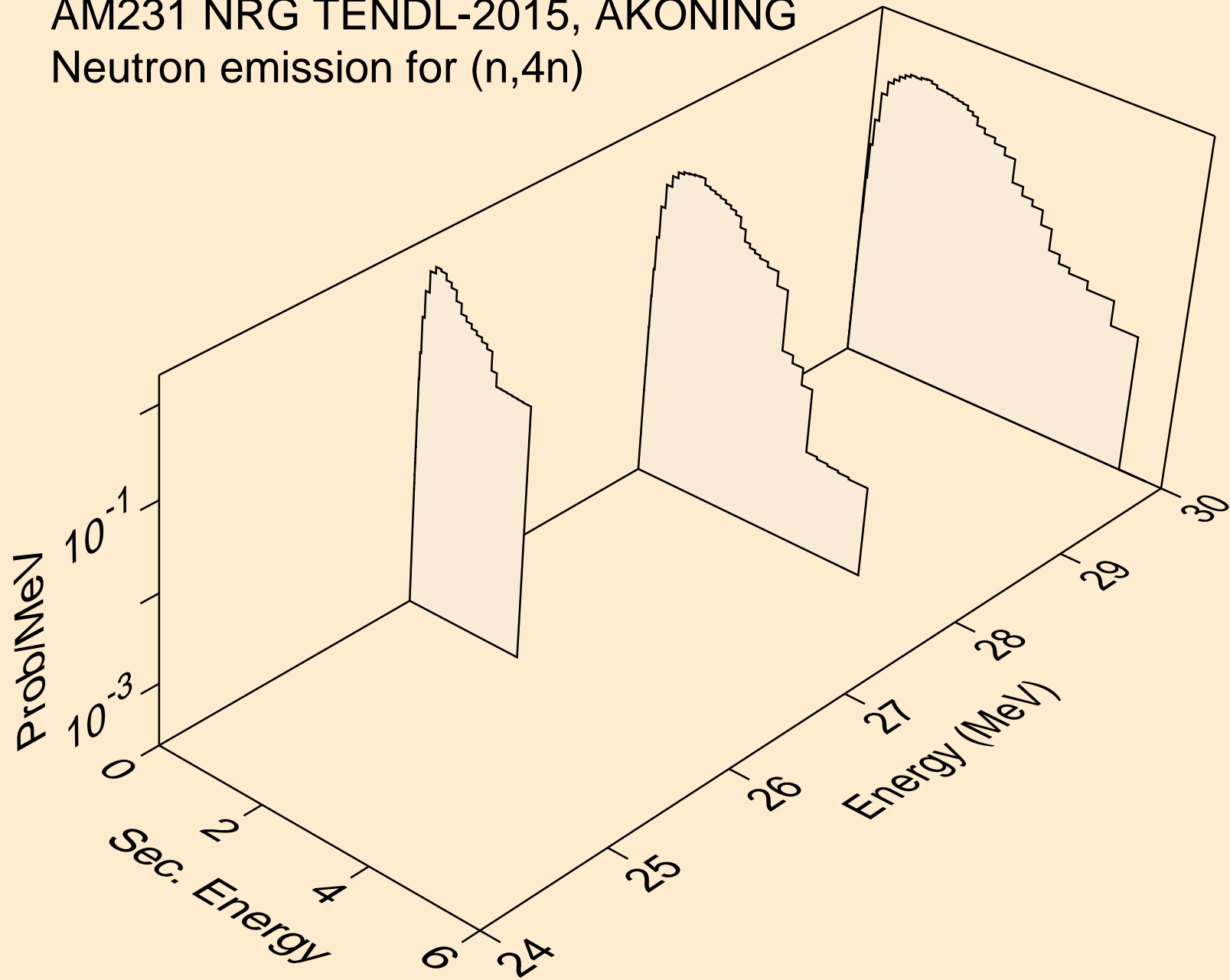




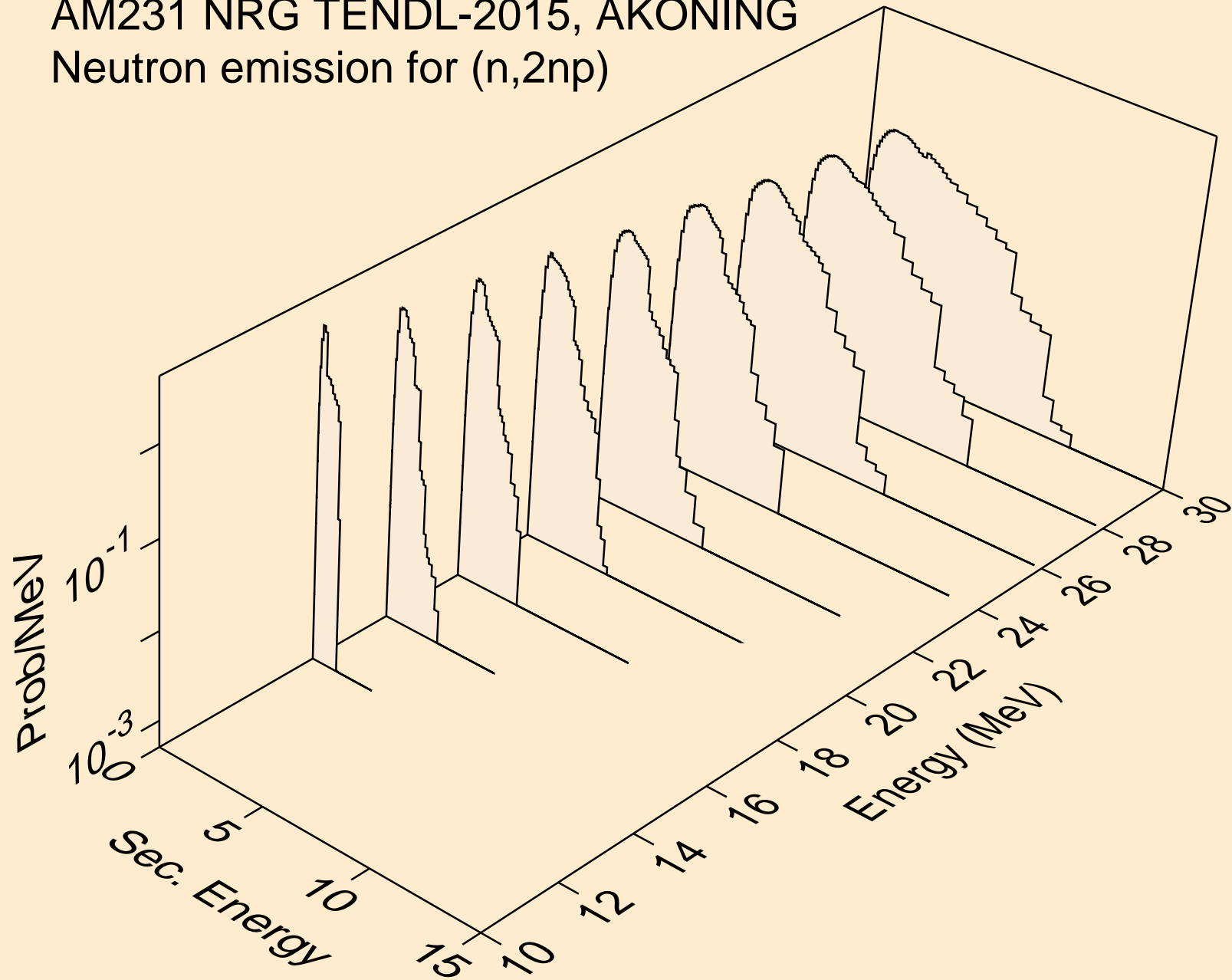
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



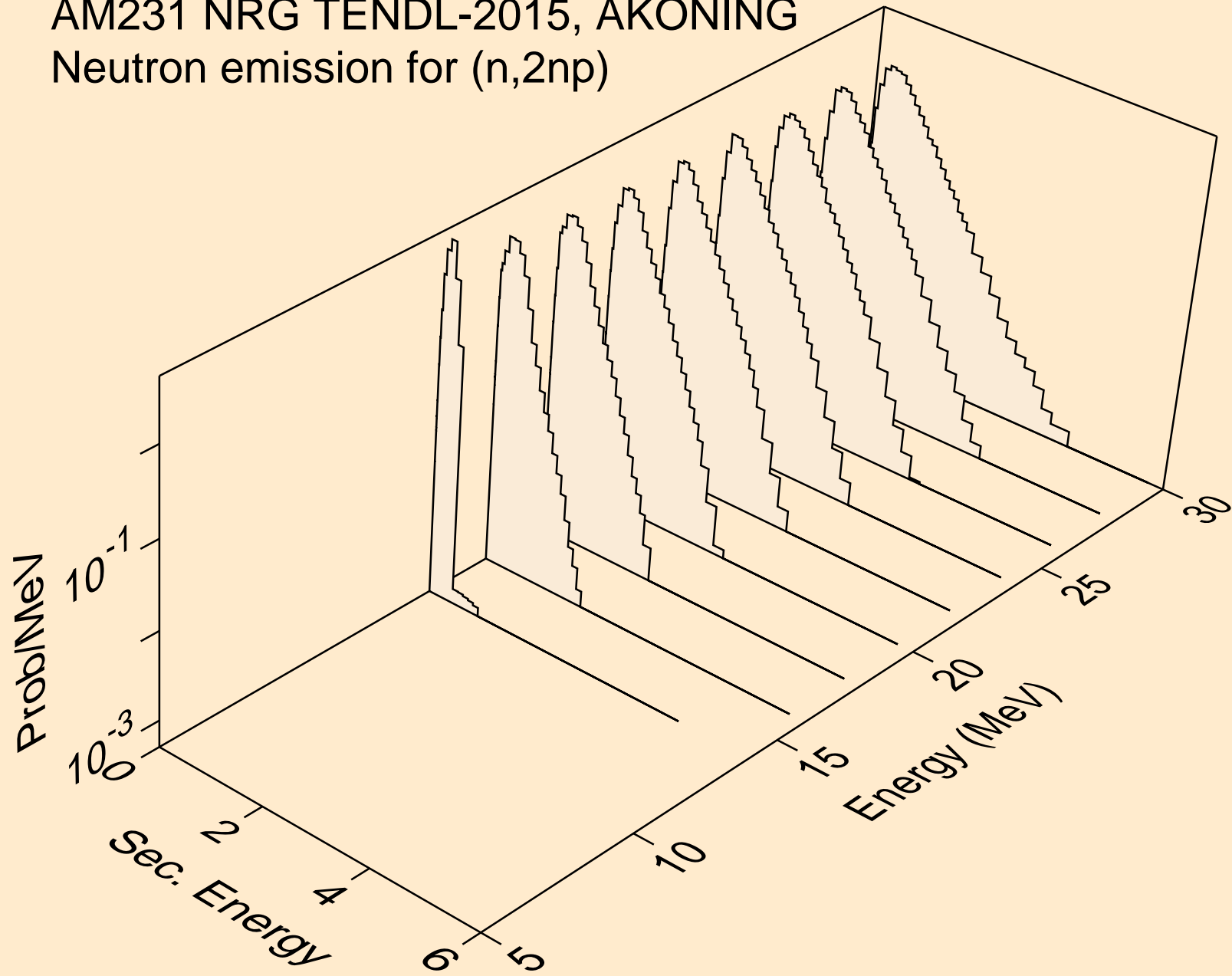
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



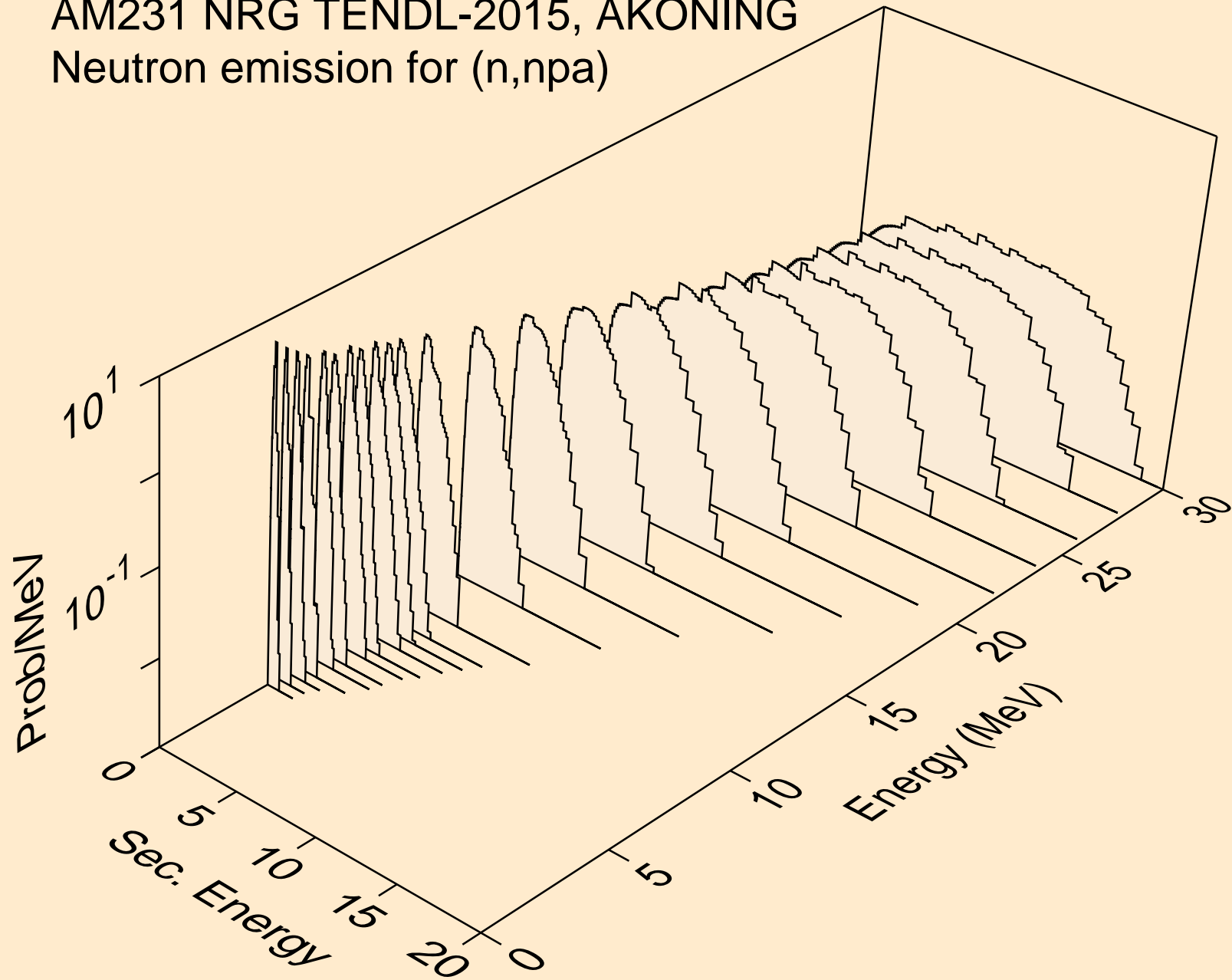
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



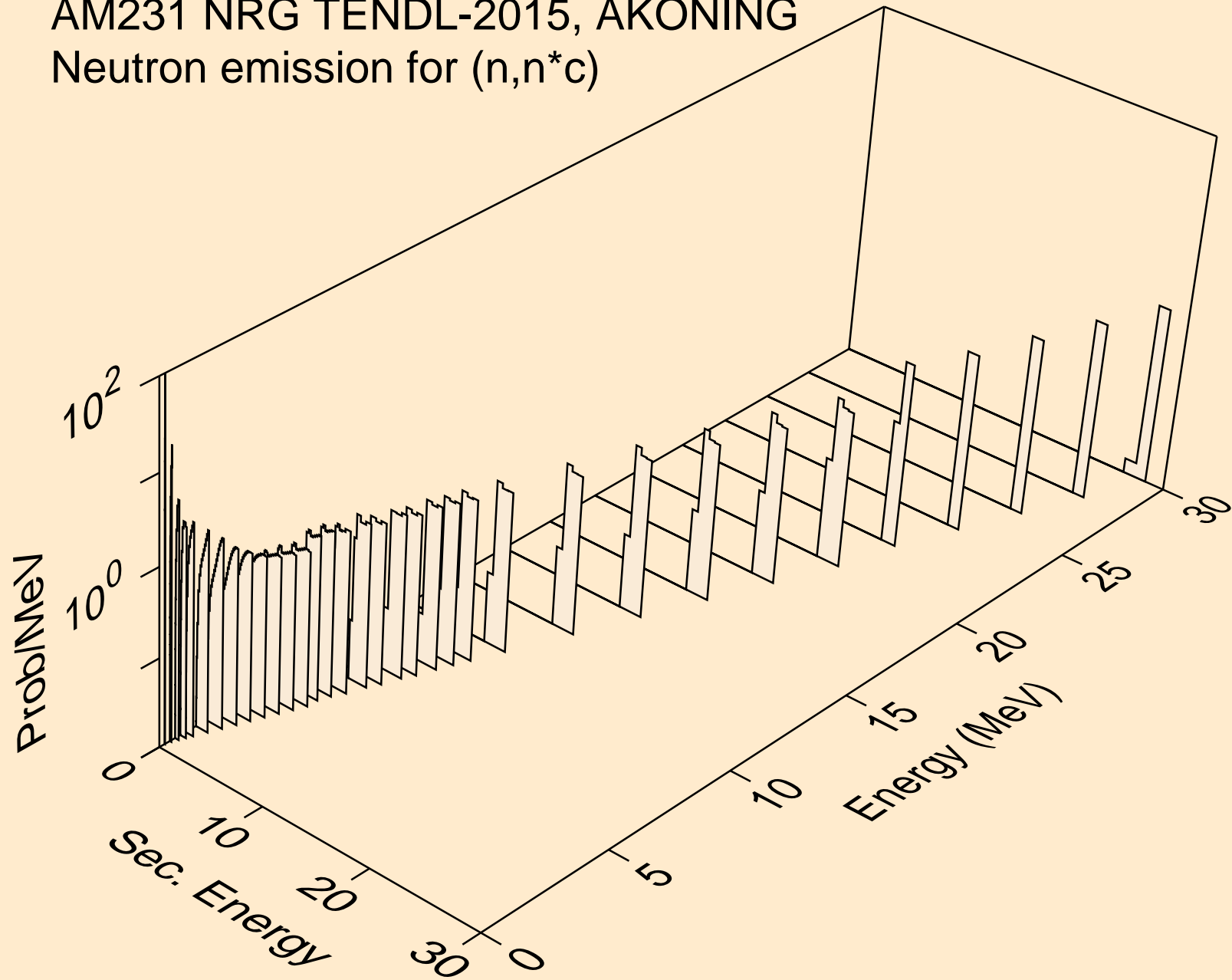
AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

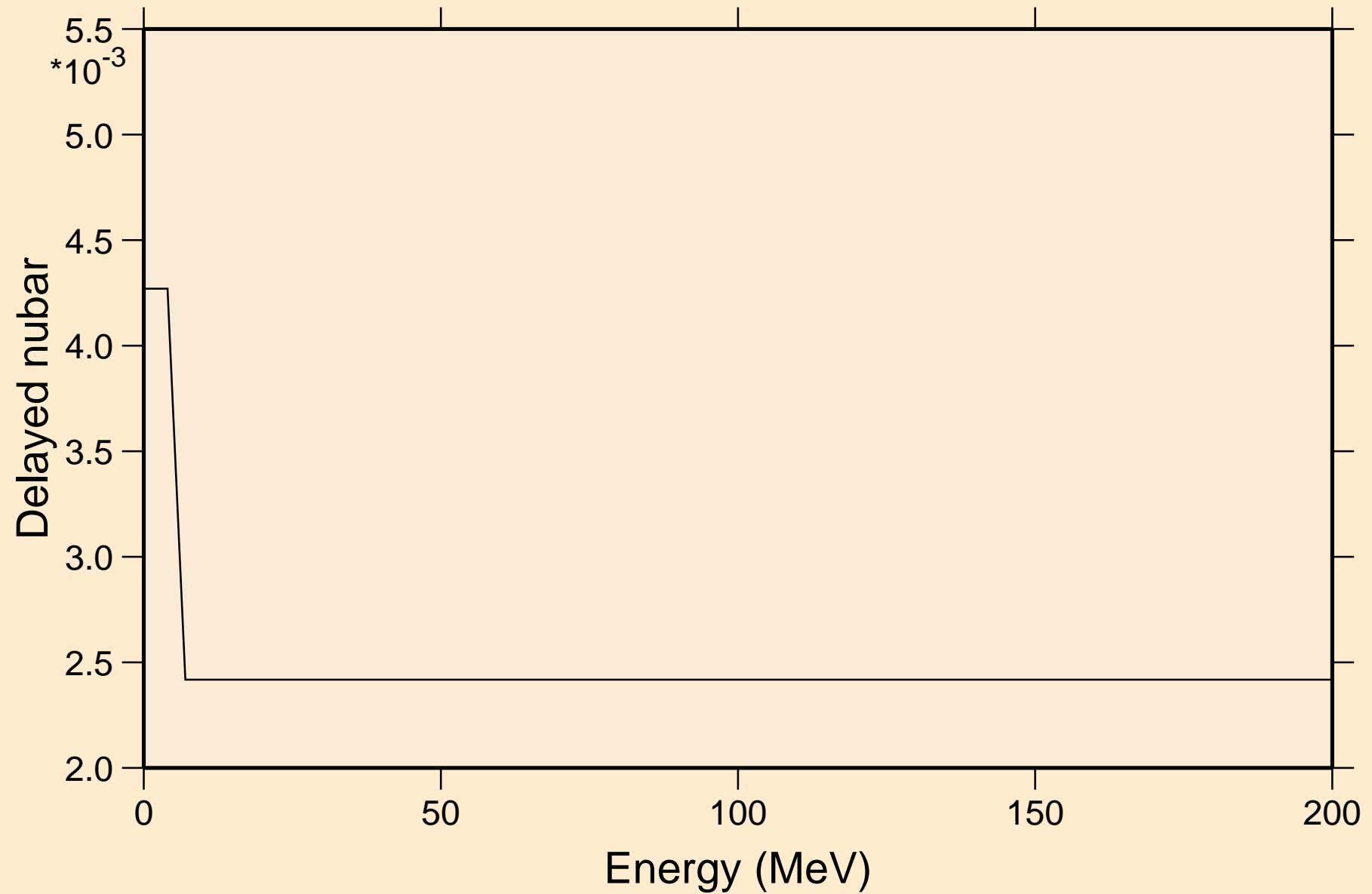


AM231 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



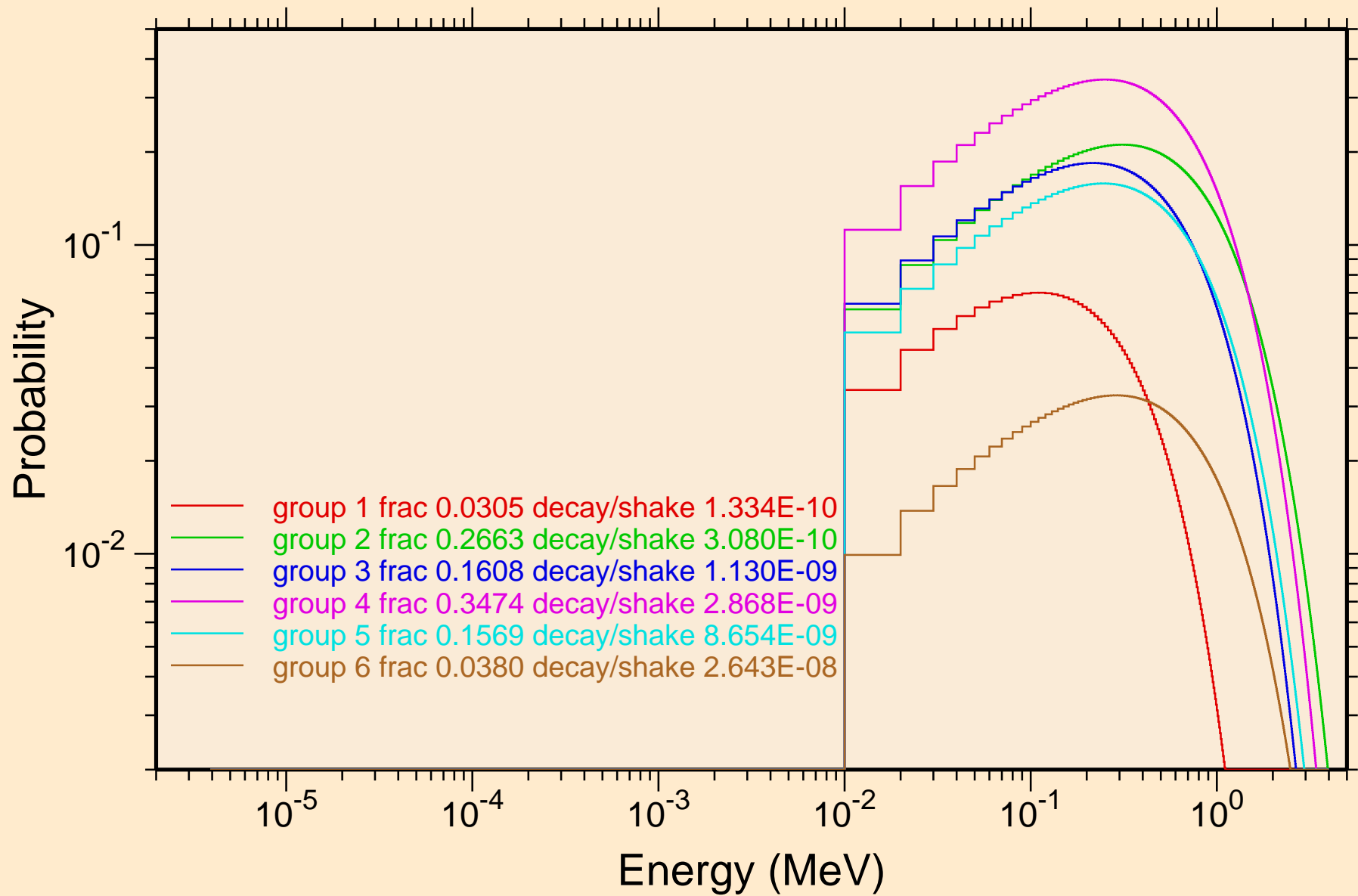
# AM231 NRG TENDL-2015, AKONING

## Delayed nubar



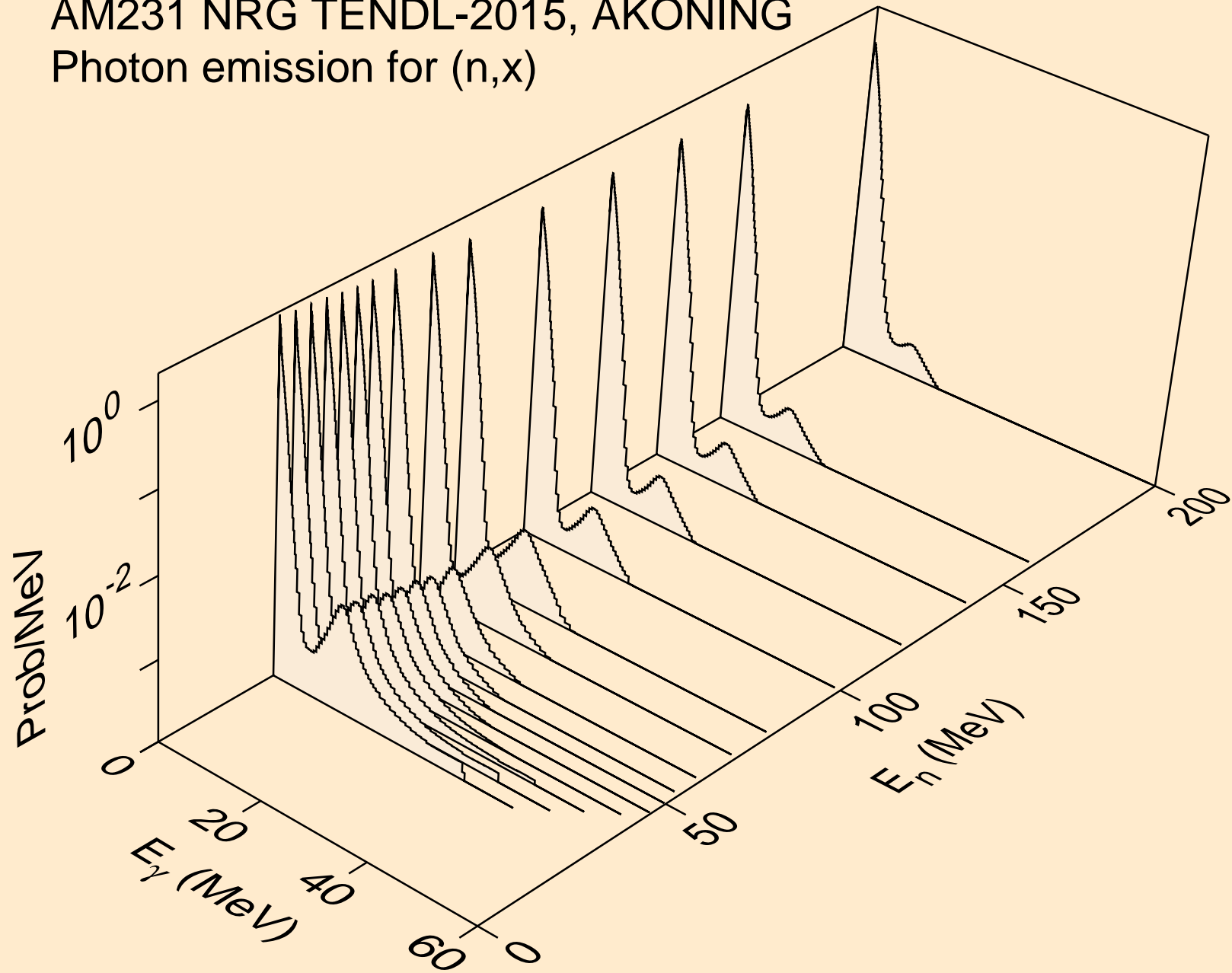
# AM231 NRG TENDL-2015, AKONING

## Delayed neutron spectra

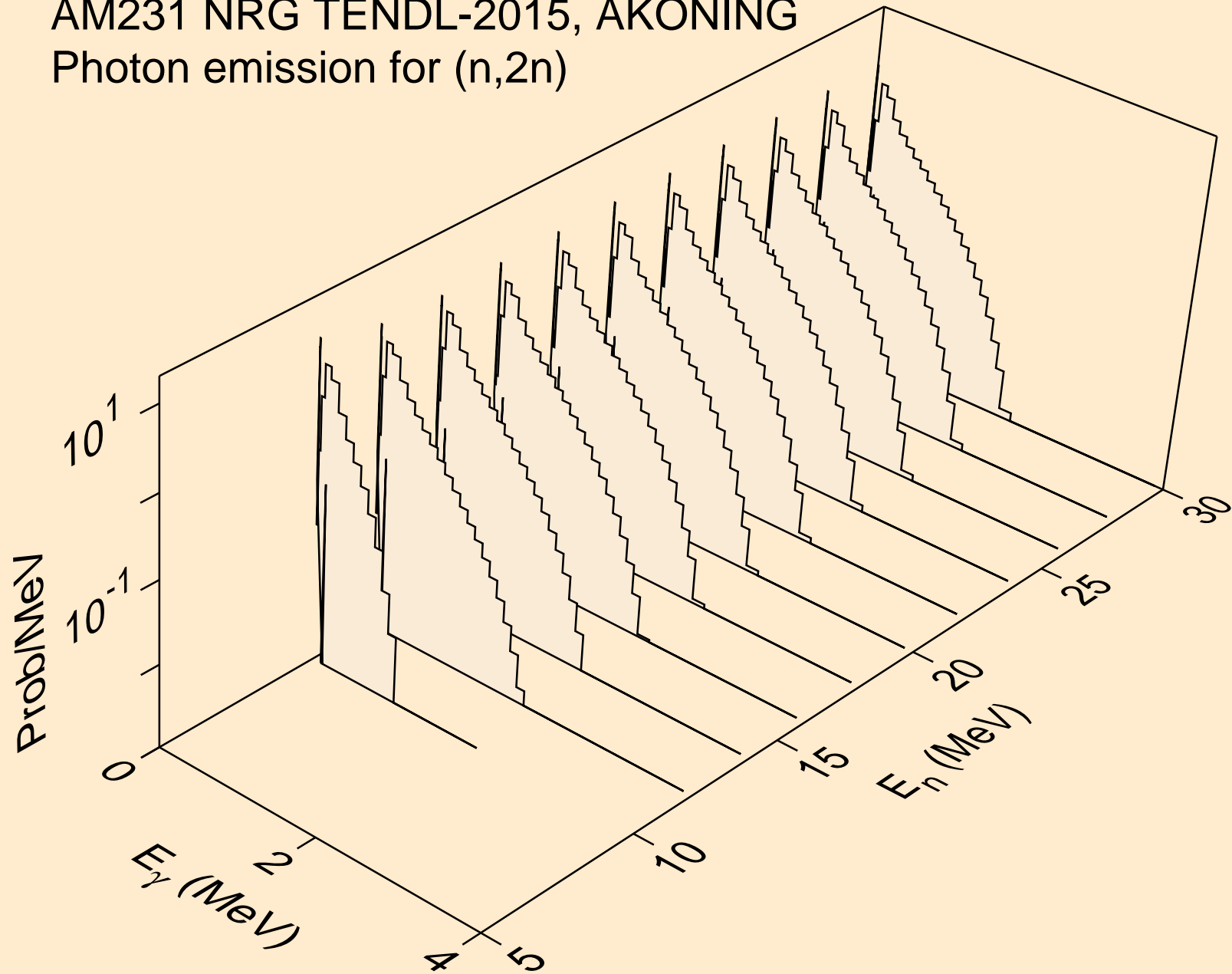




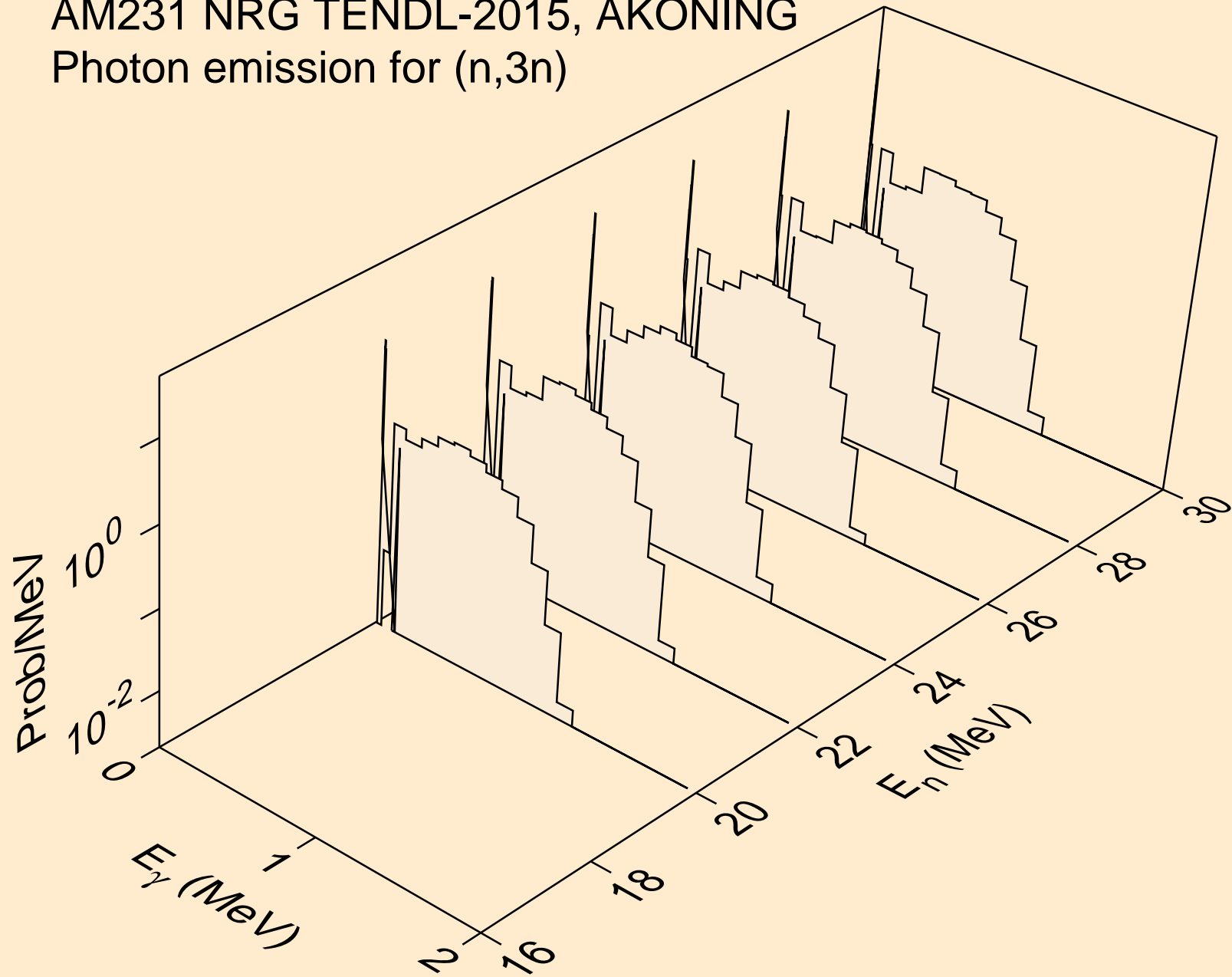
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



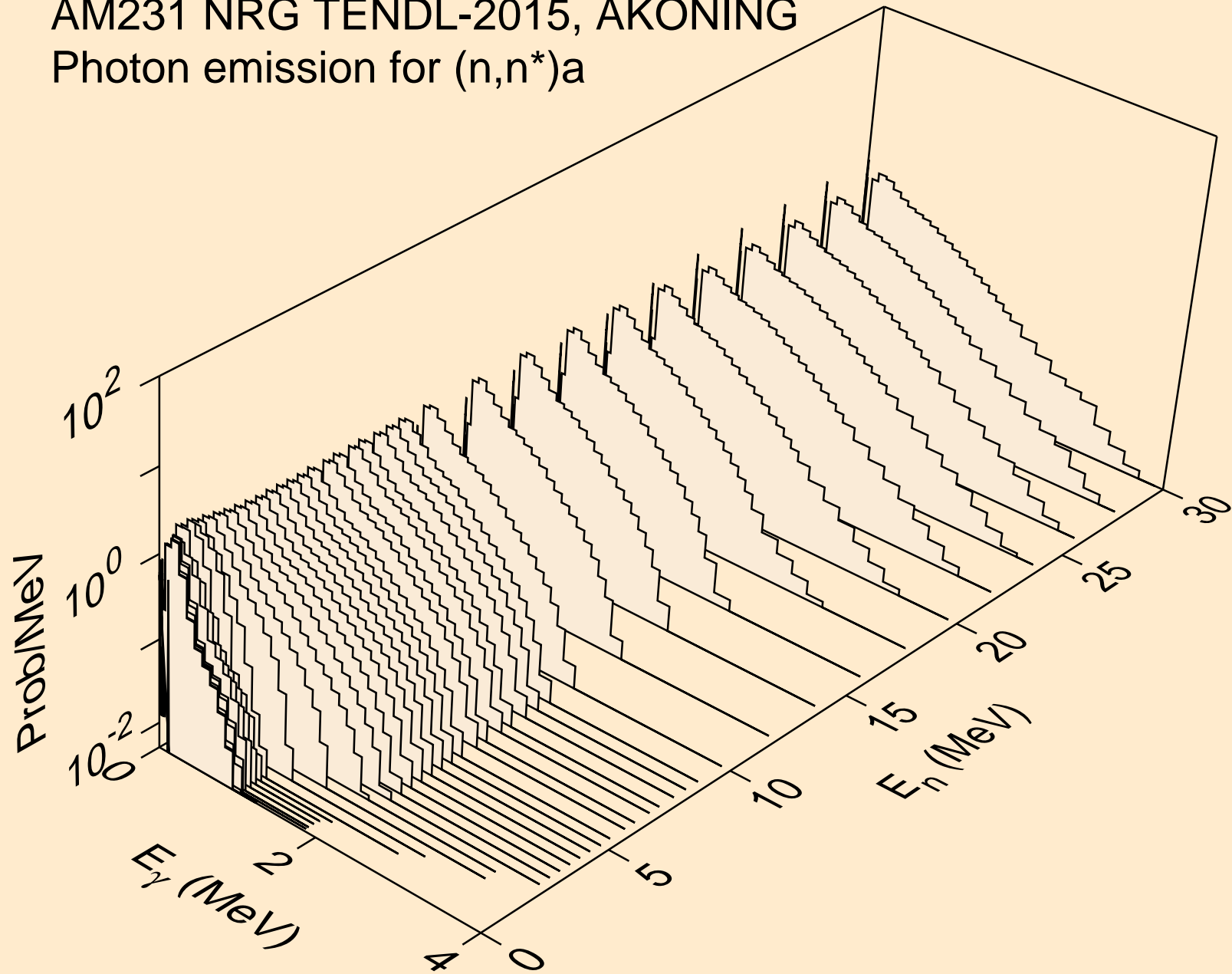
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



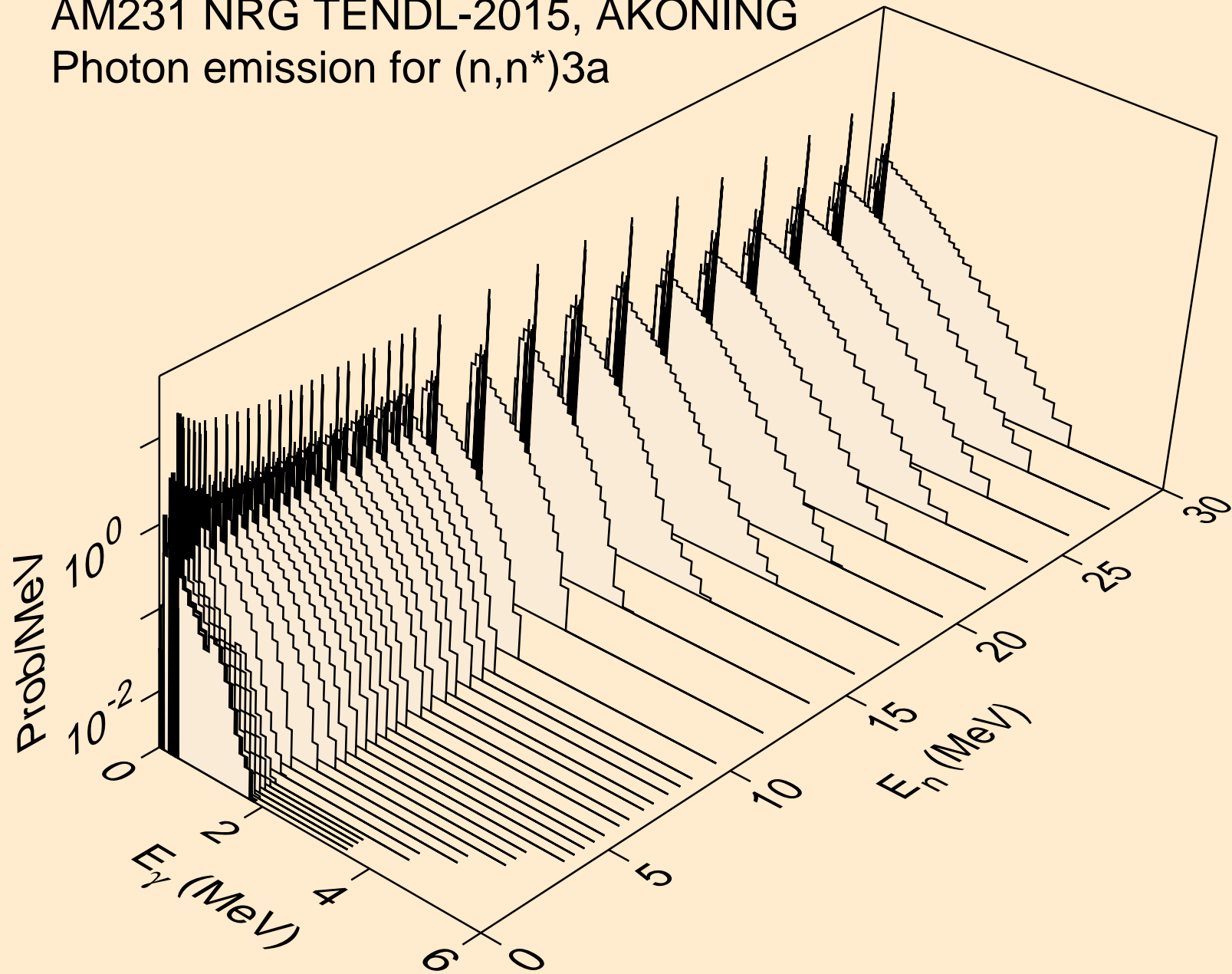
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



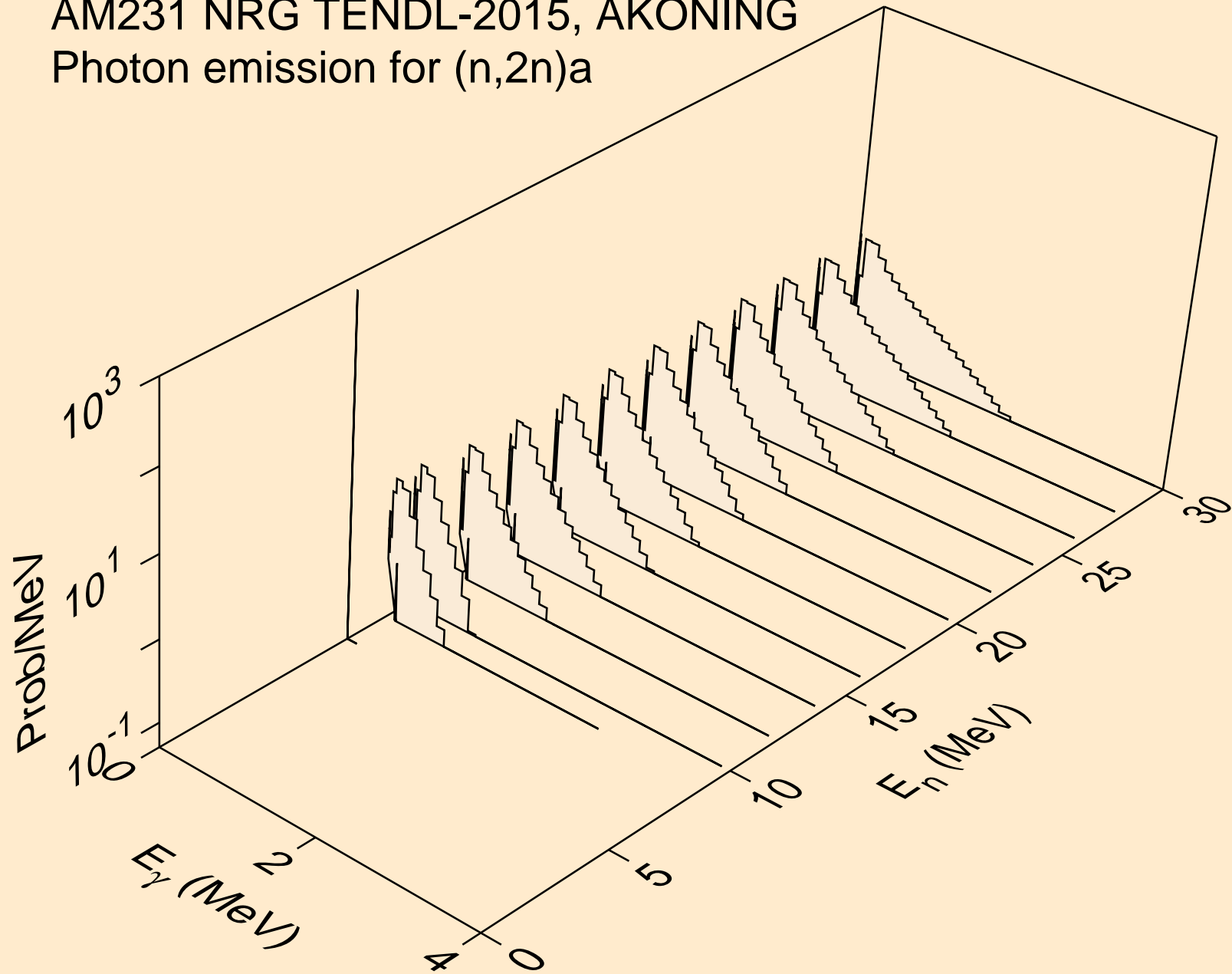
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



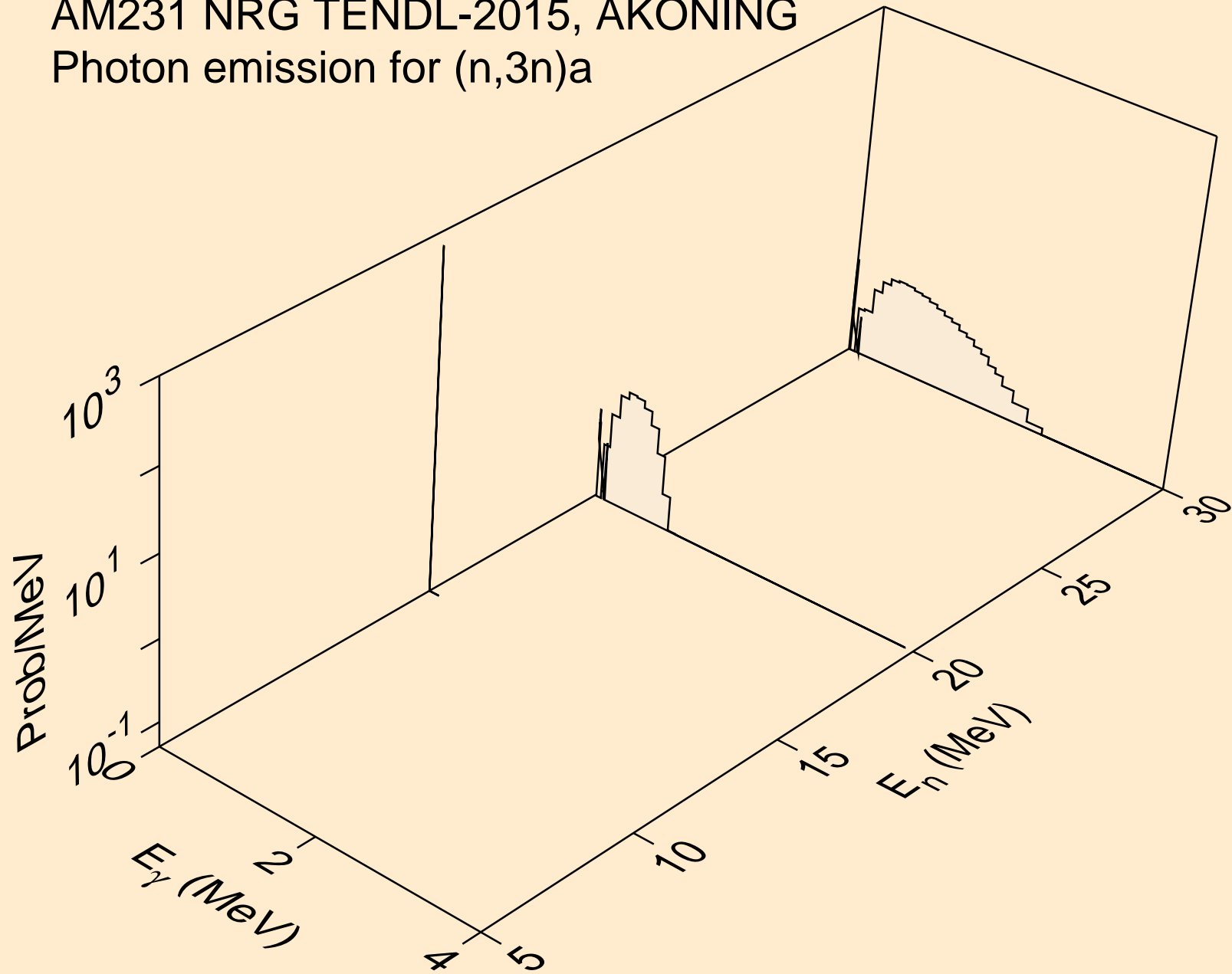
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



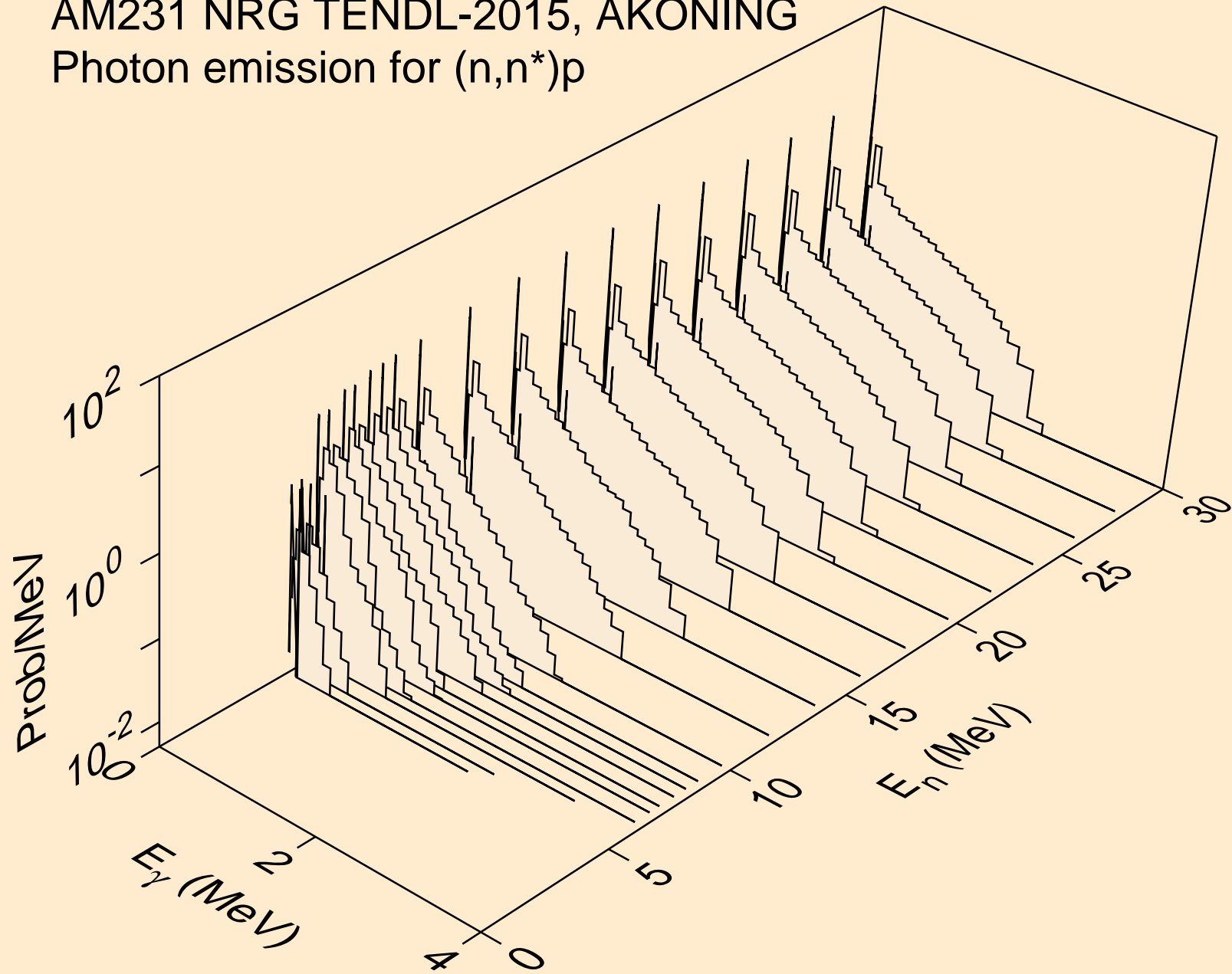
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

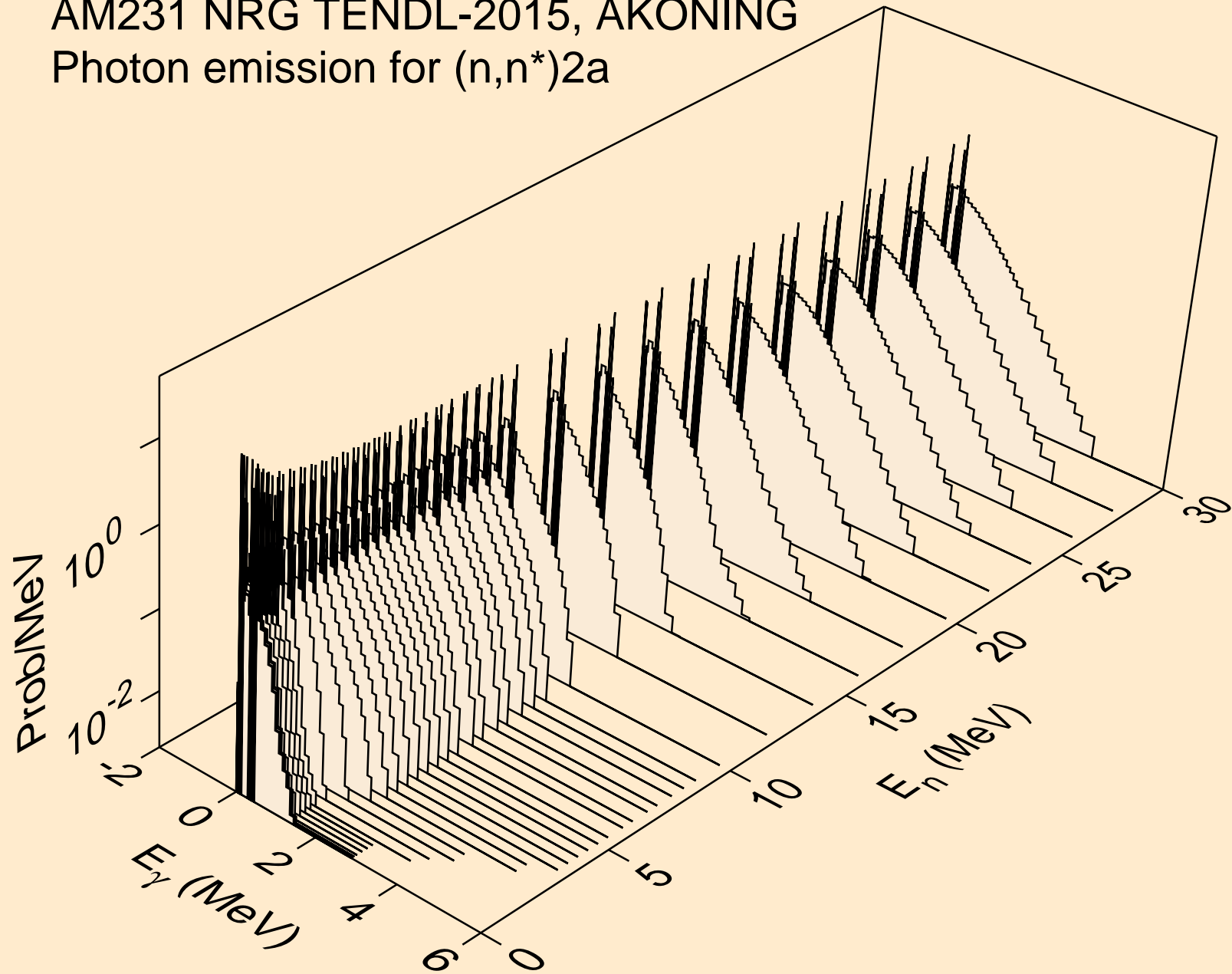


AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

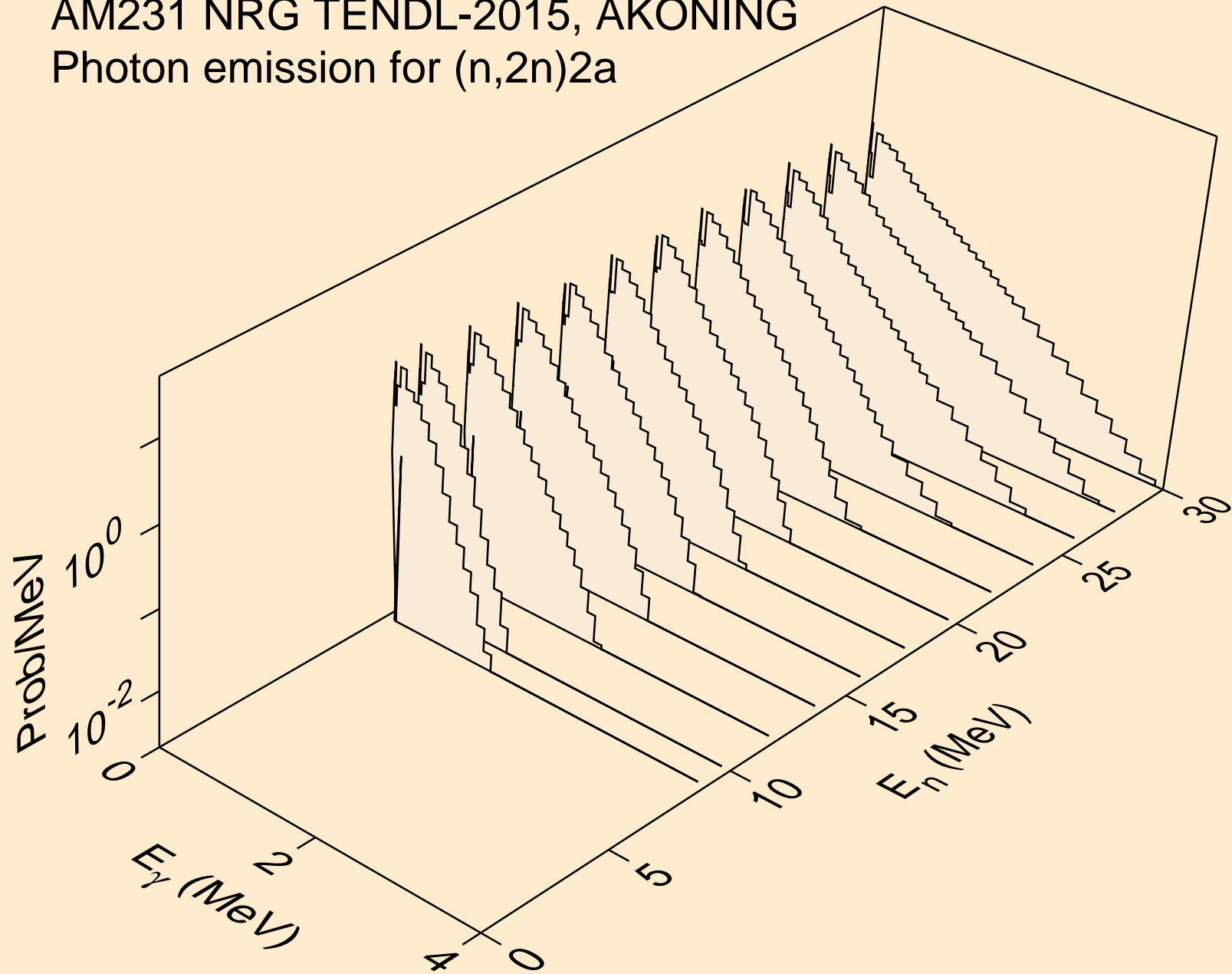




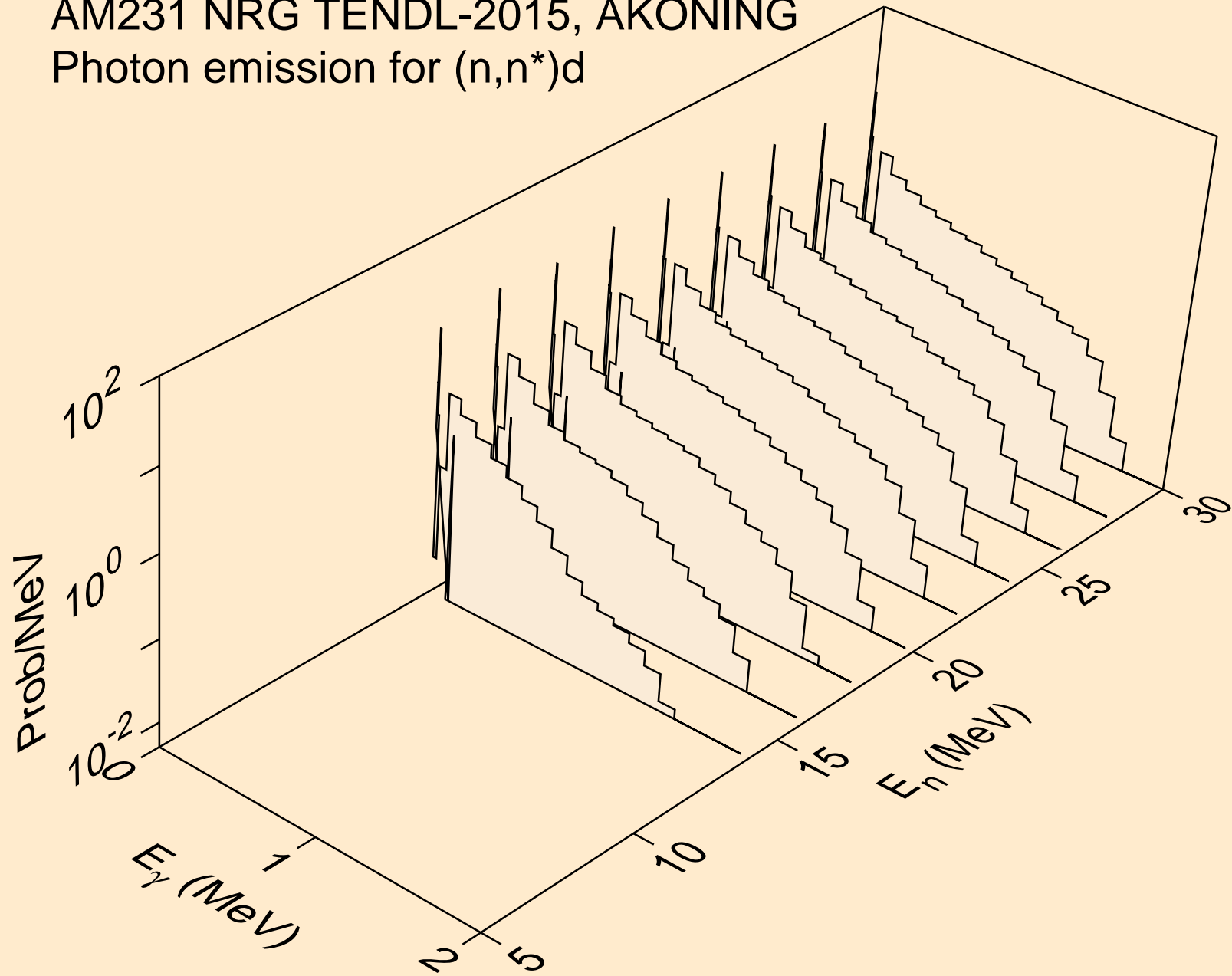
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



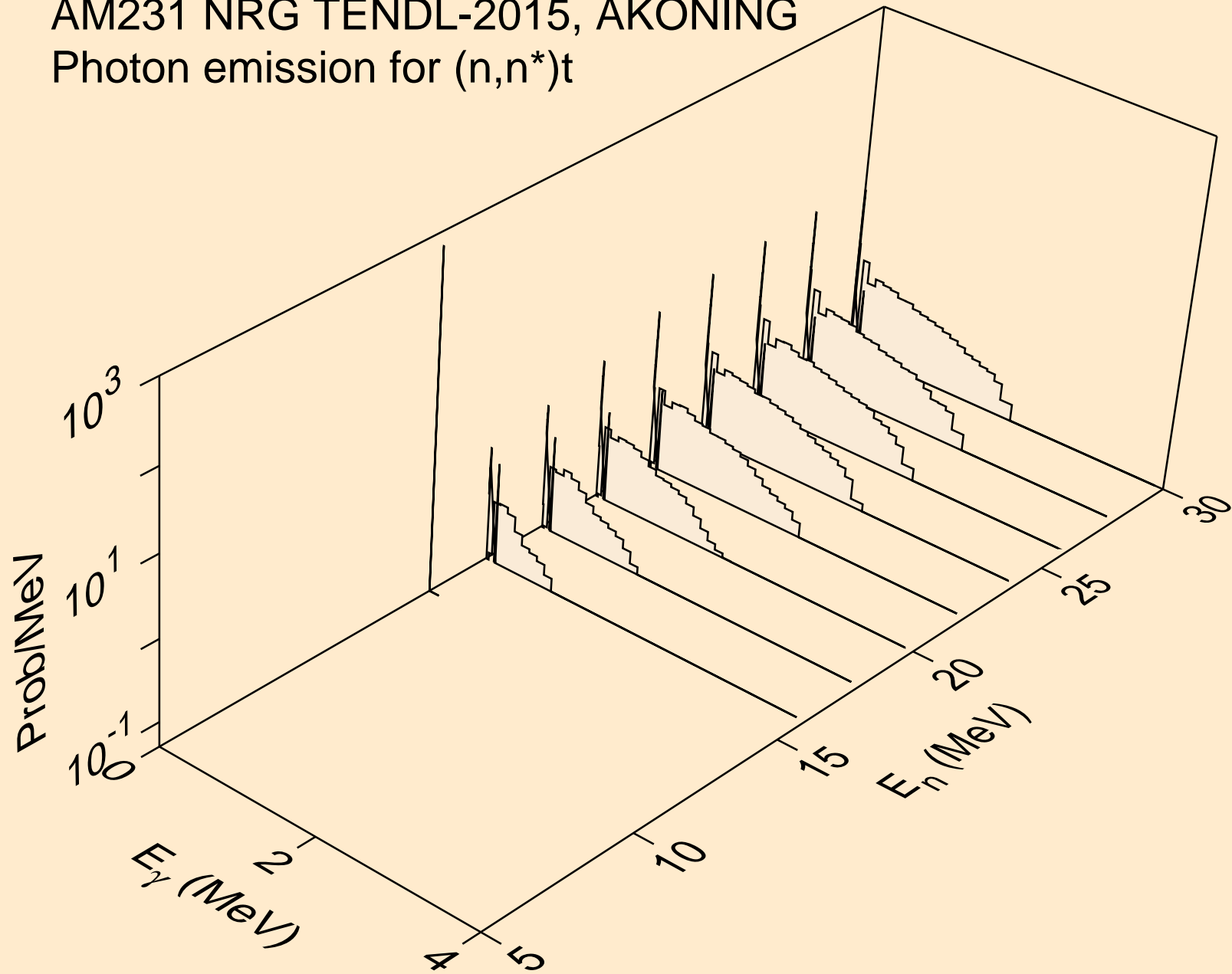
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



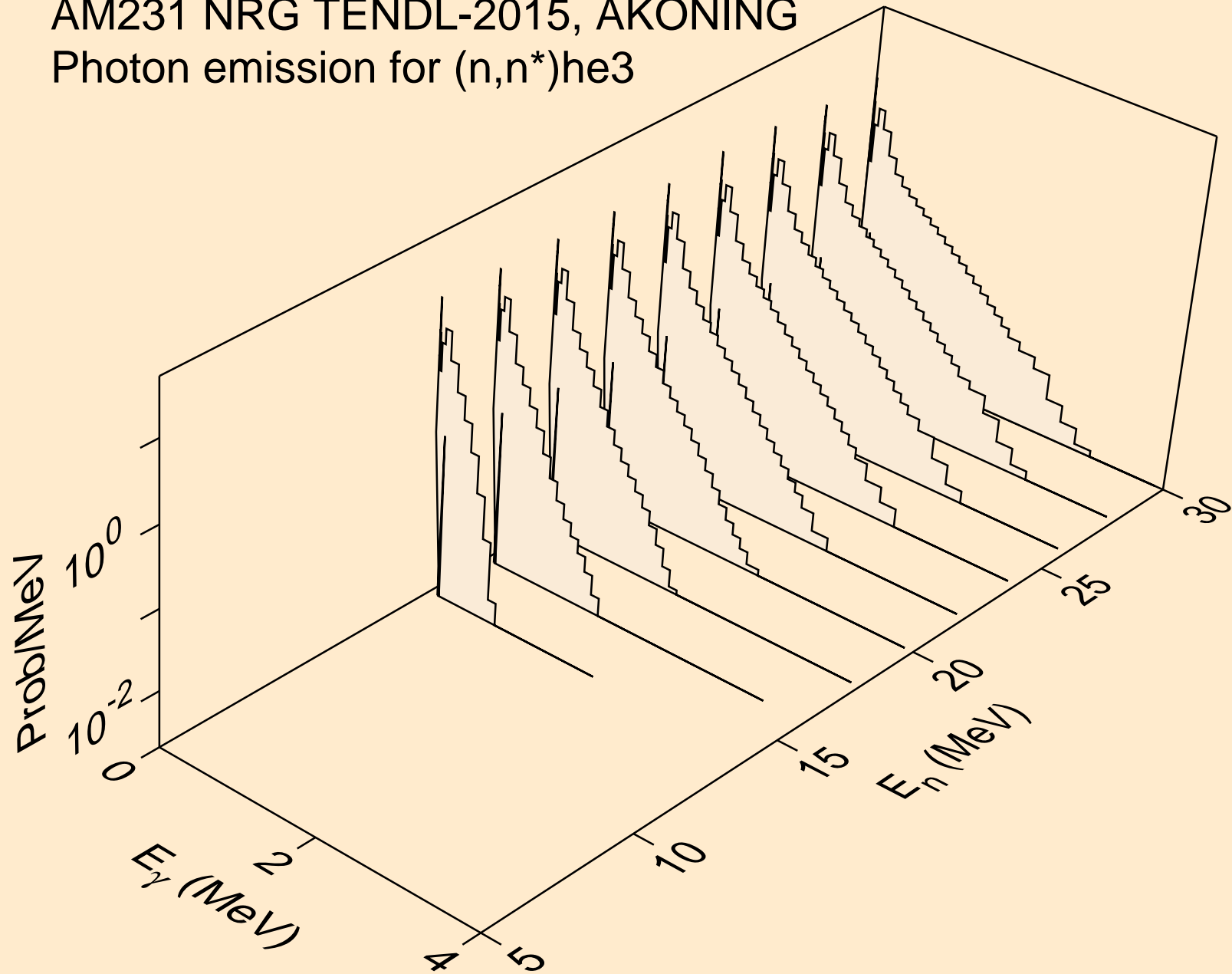
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



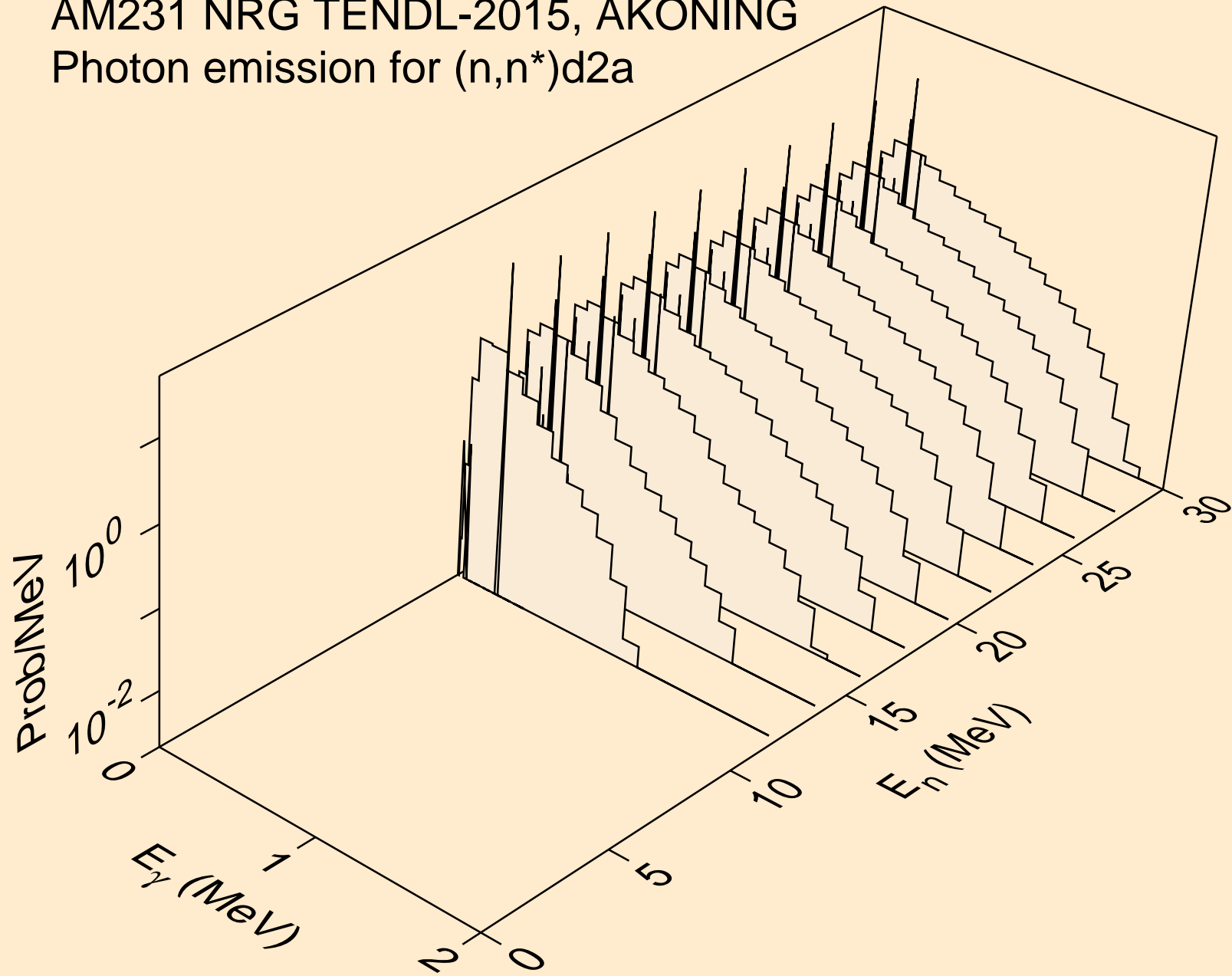
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



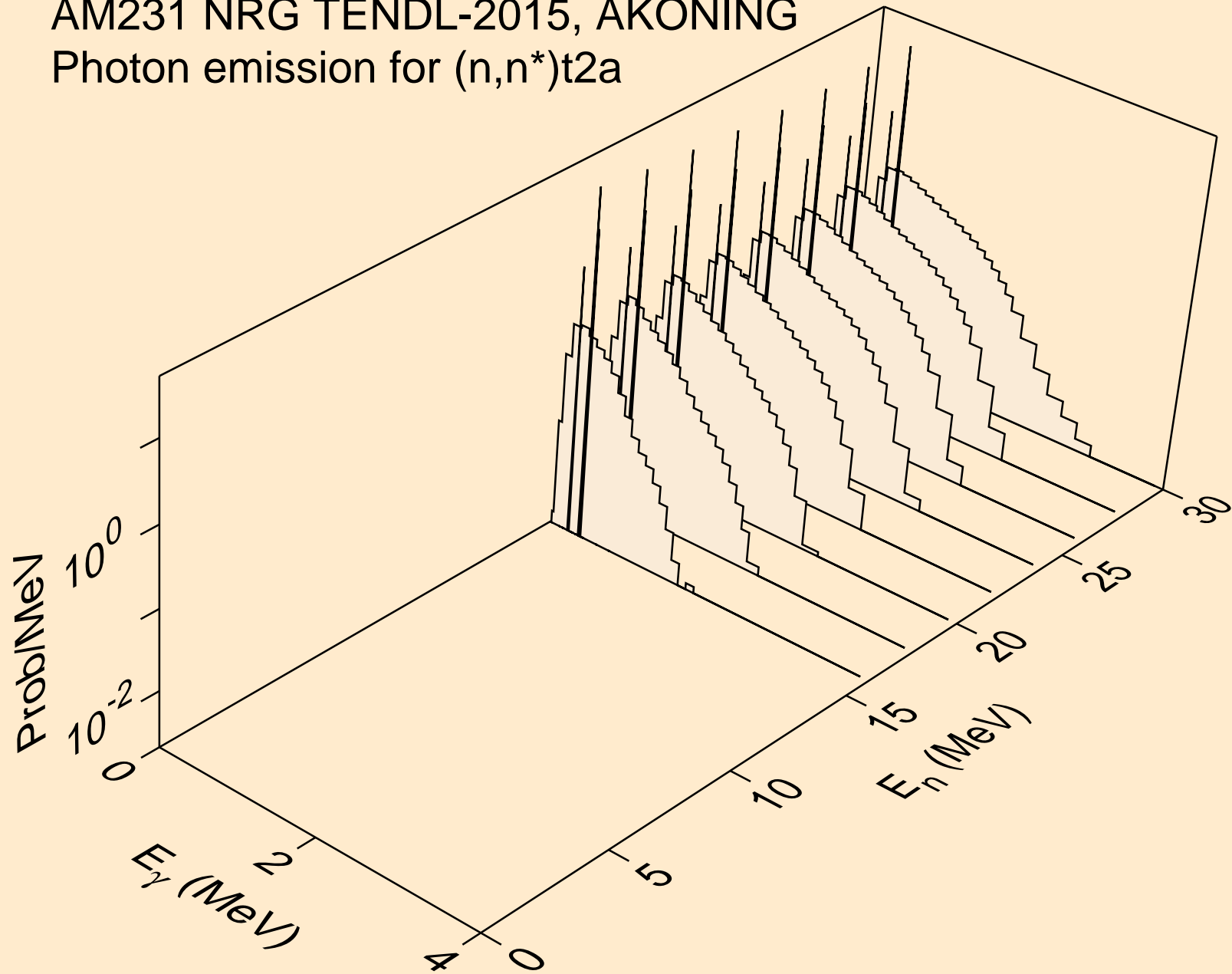
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



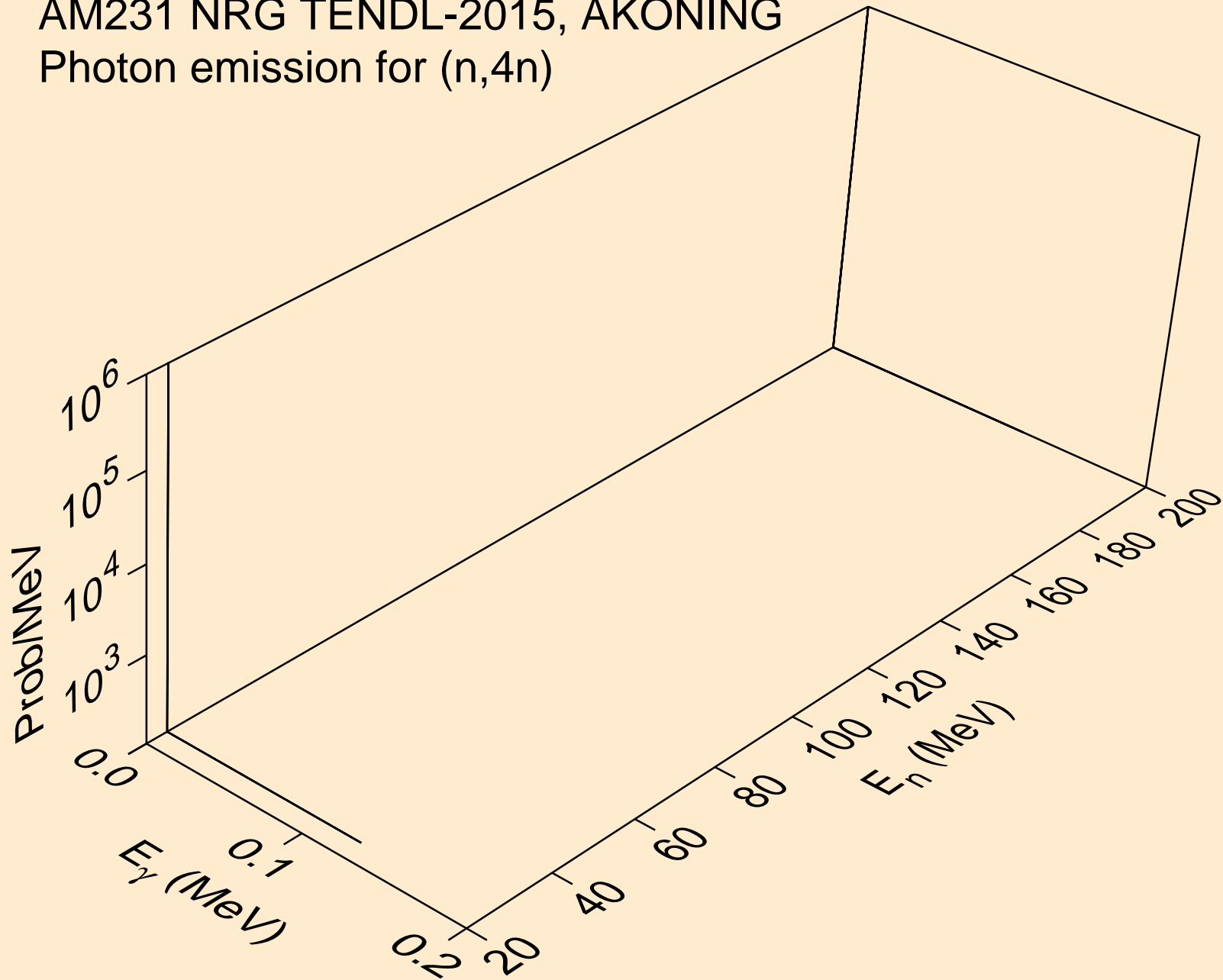
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a

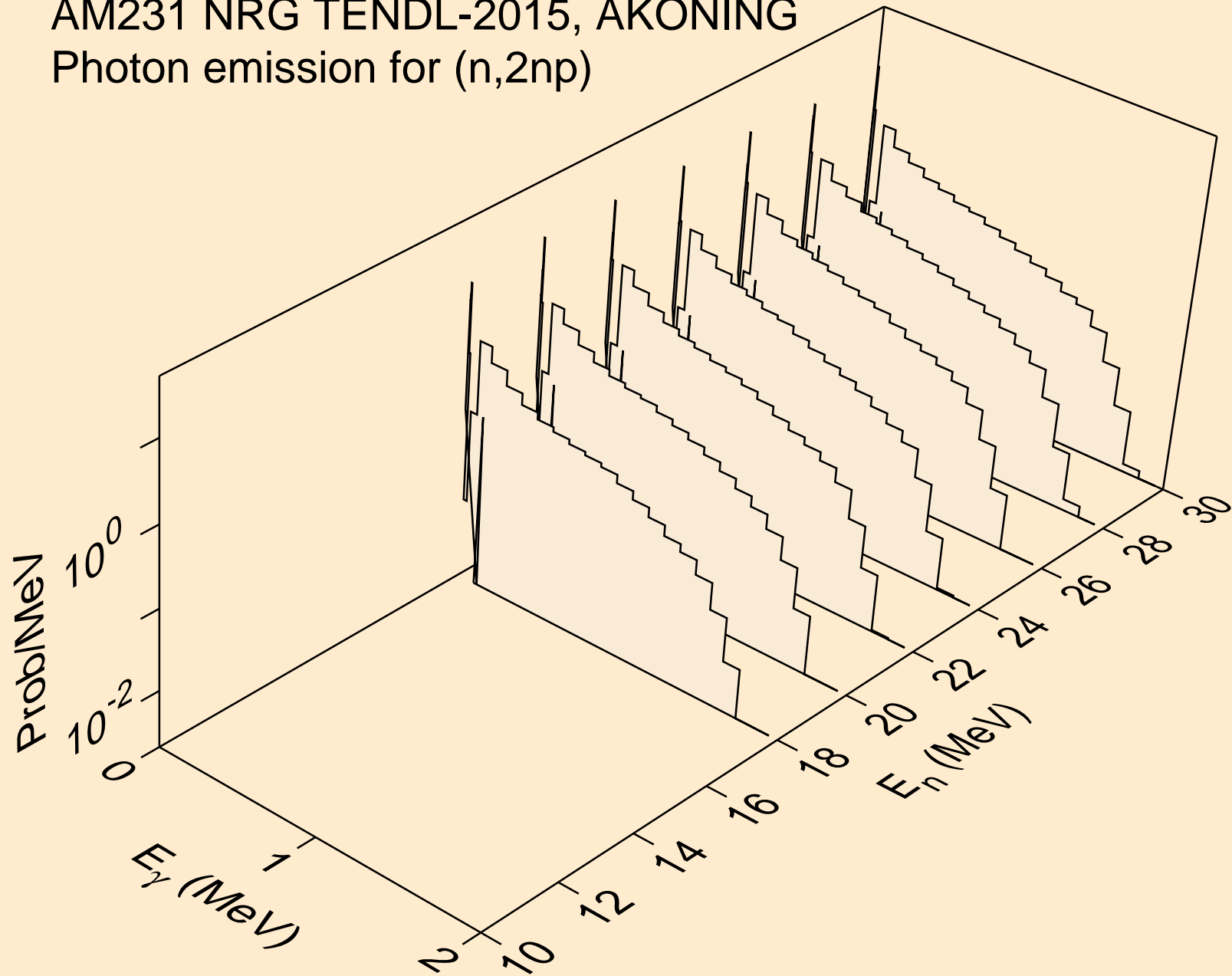


AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

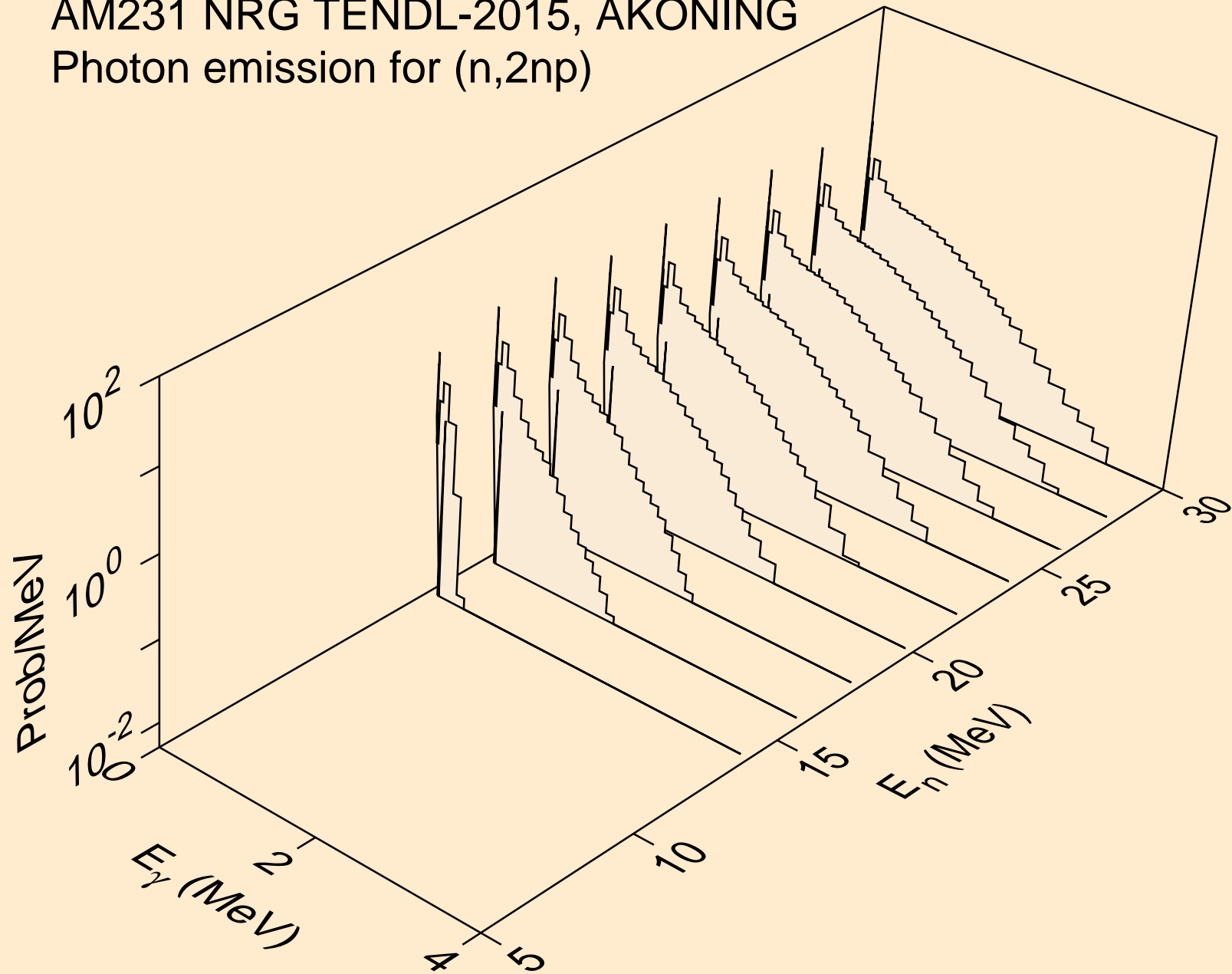




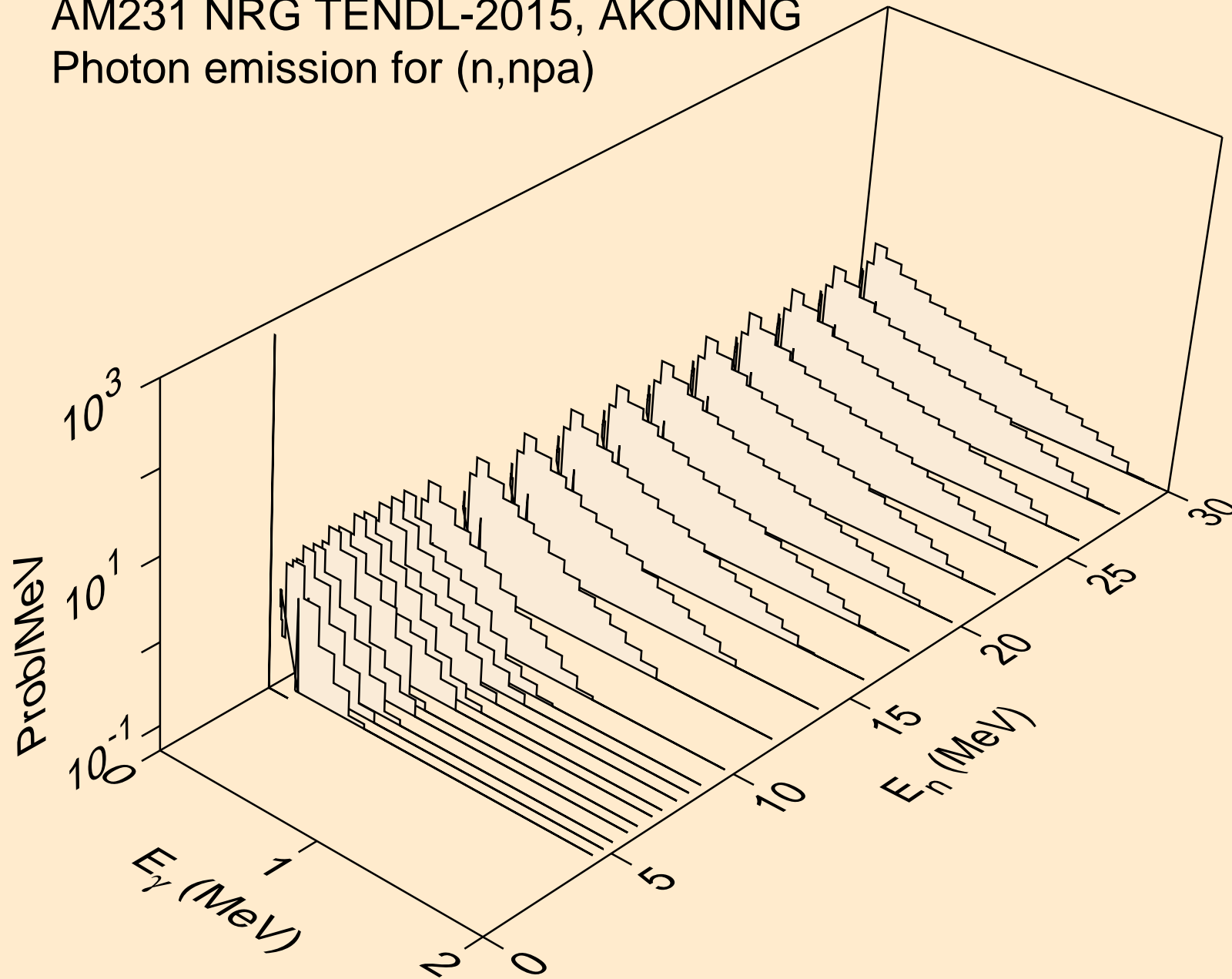
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



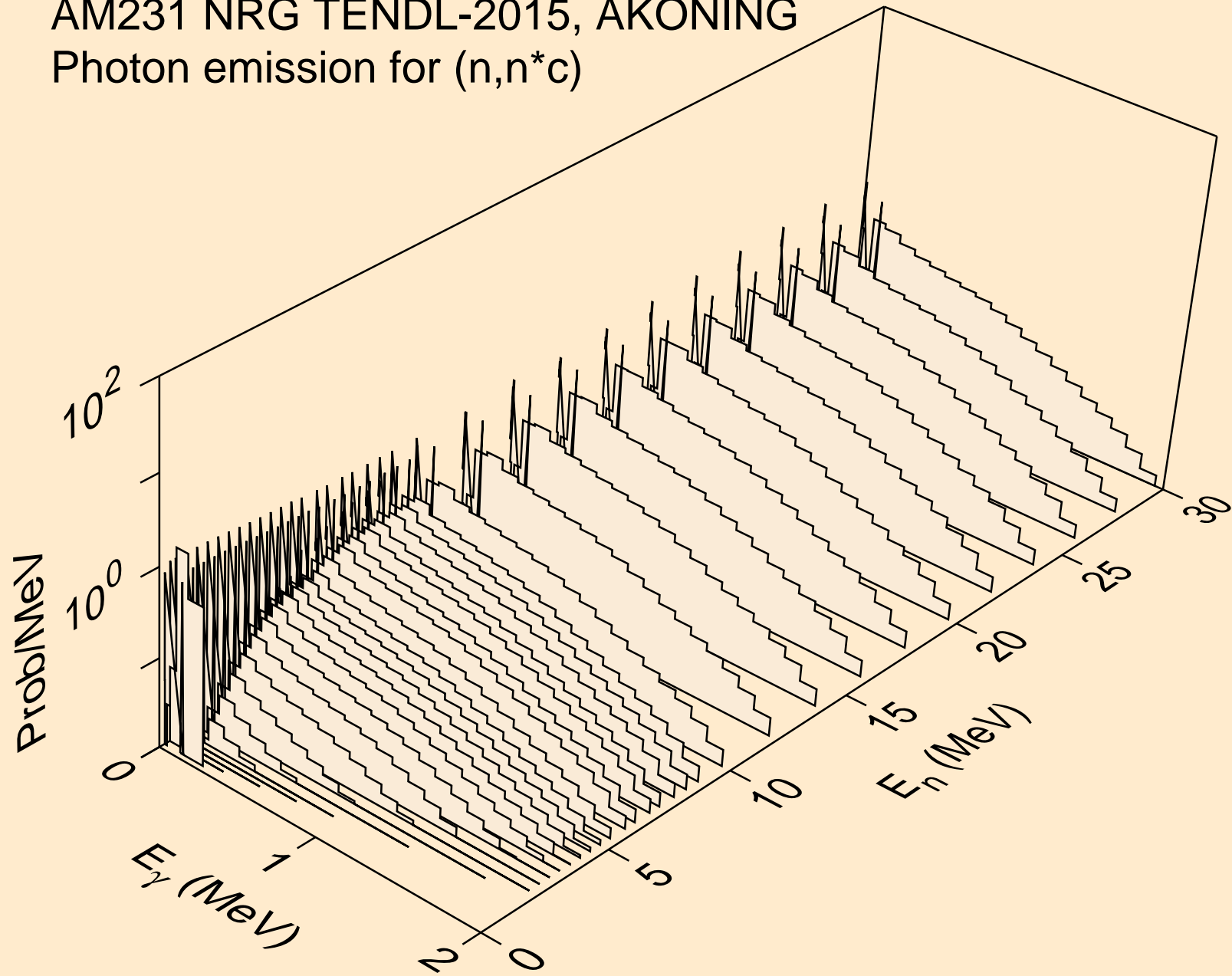
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



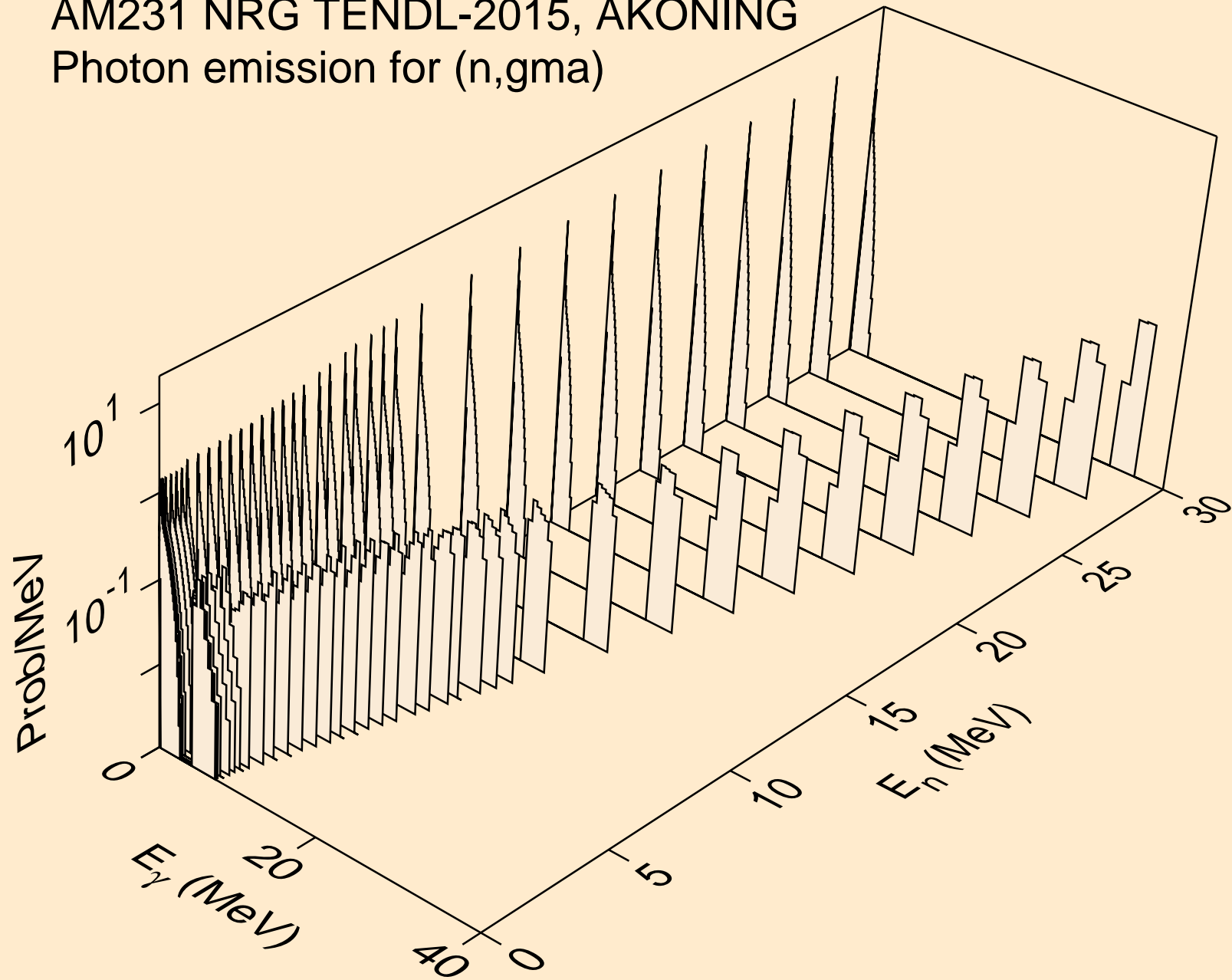
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



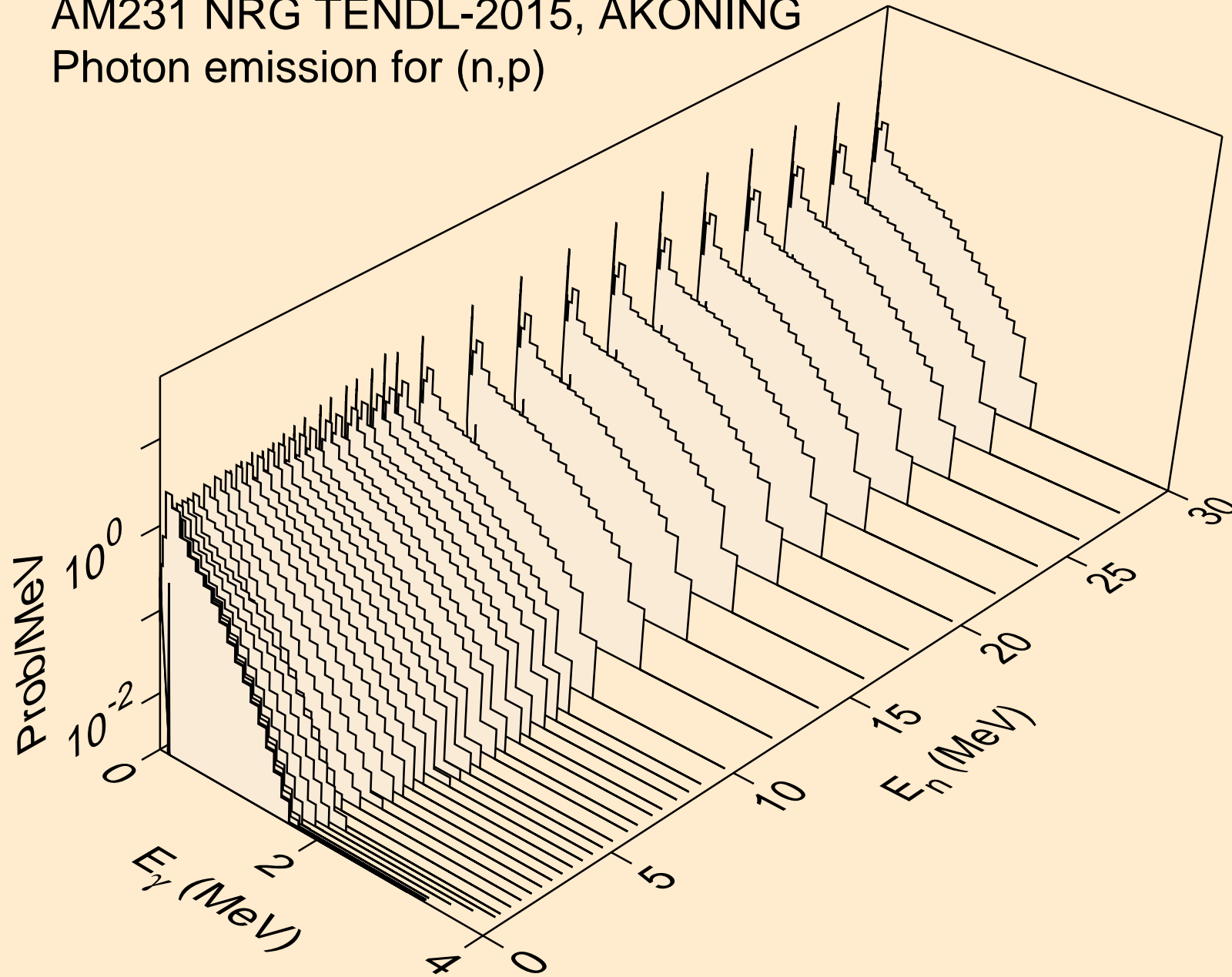
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



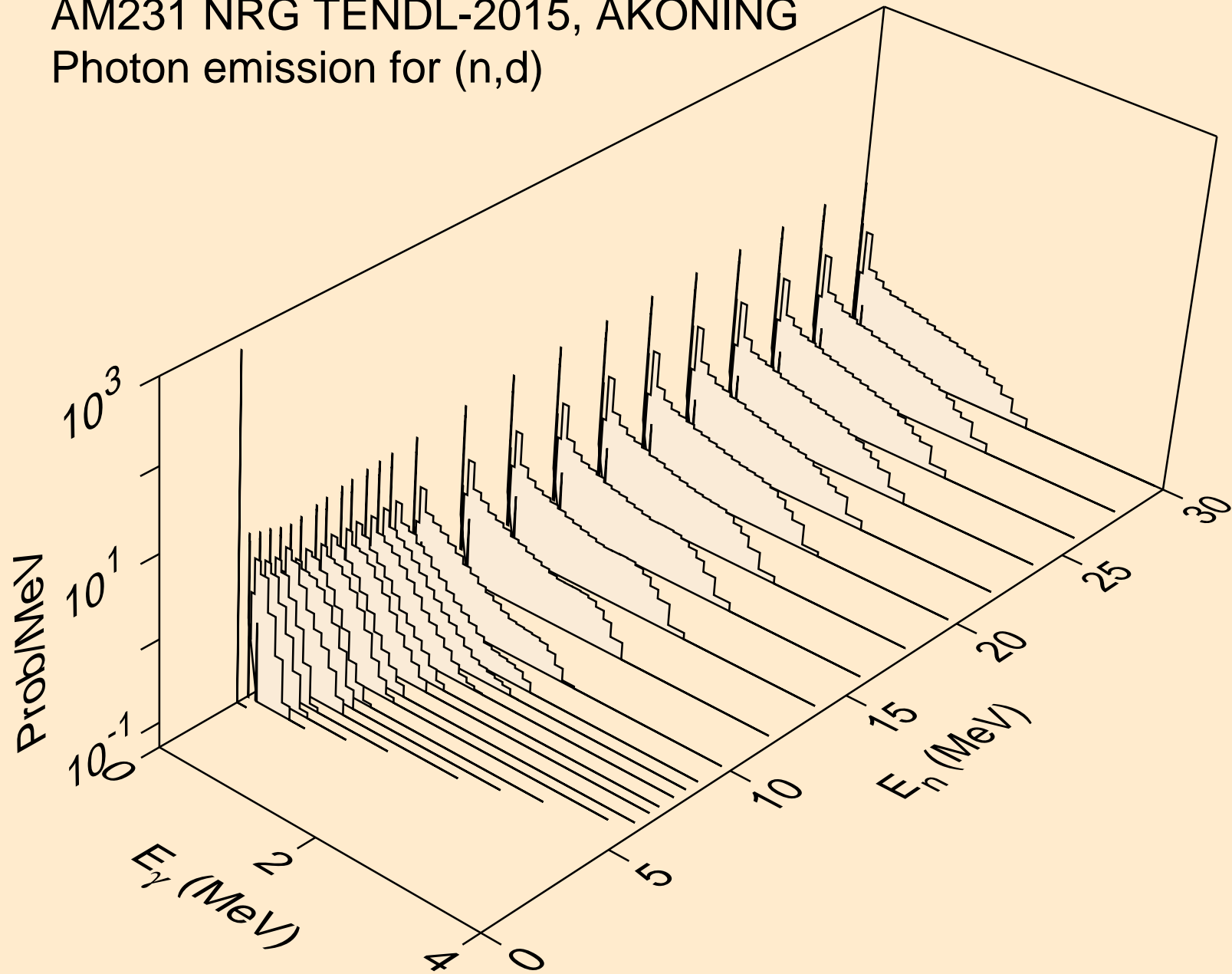
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



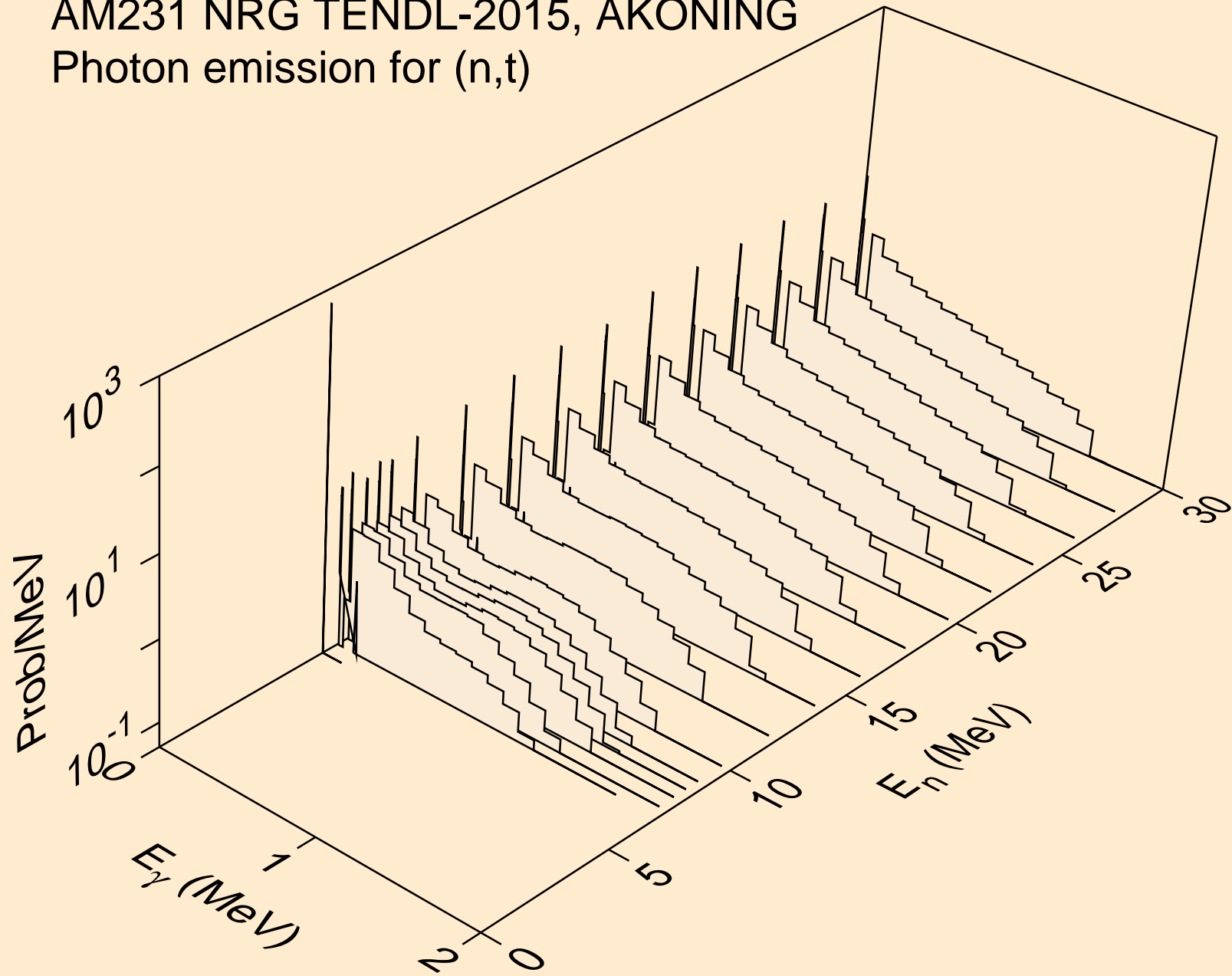
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

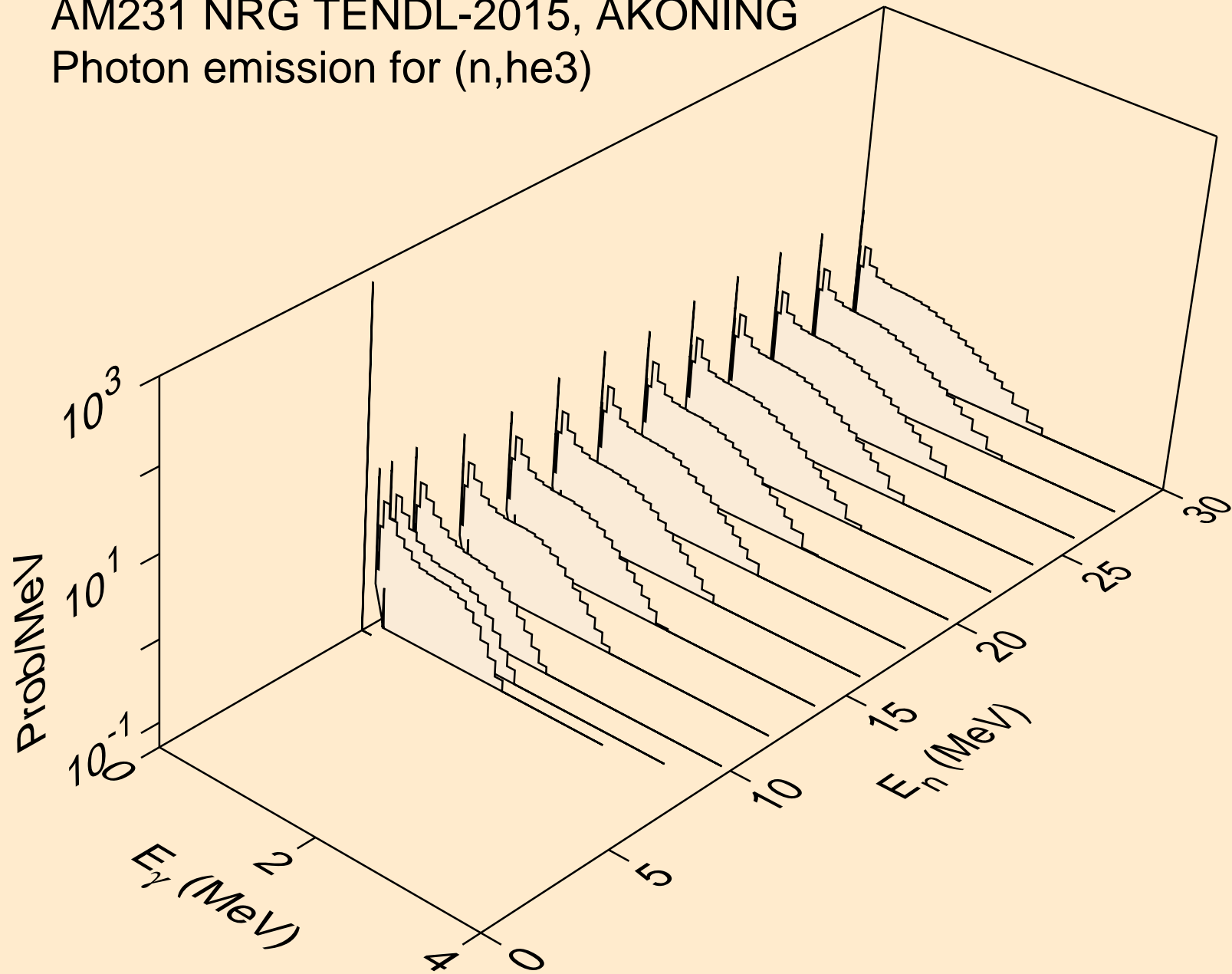


AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

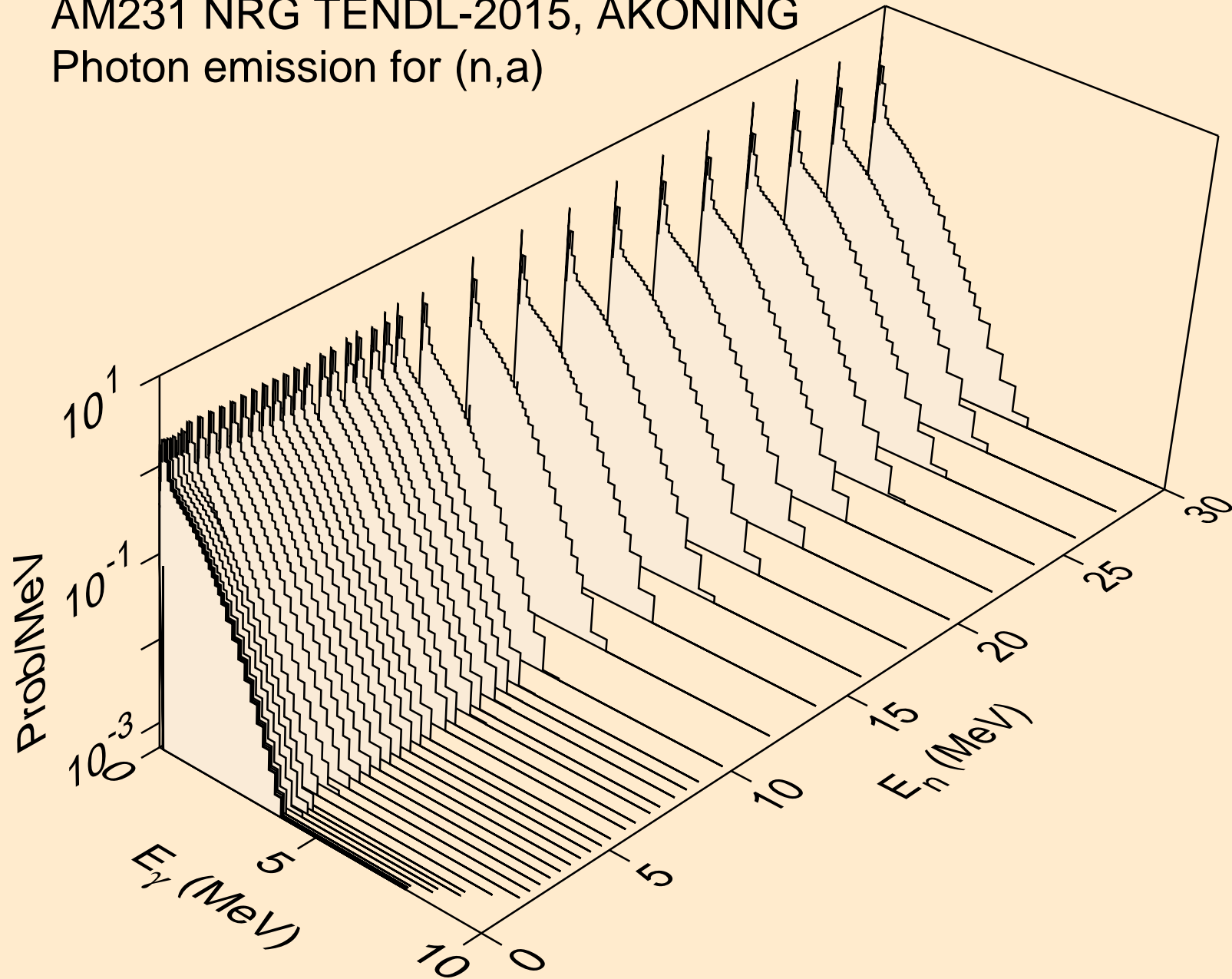




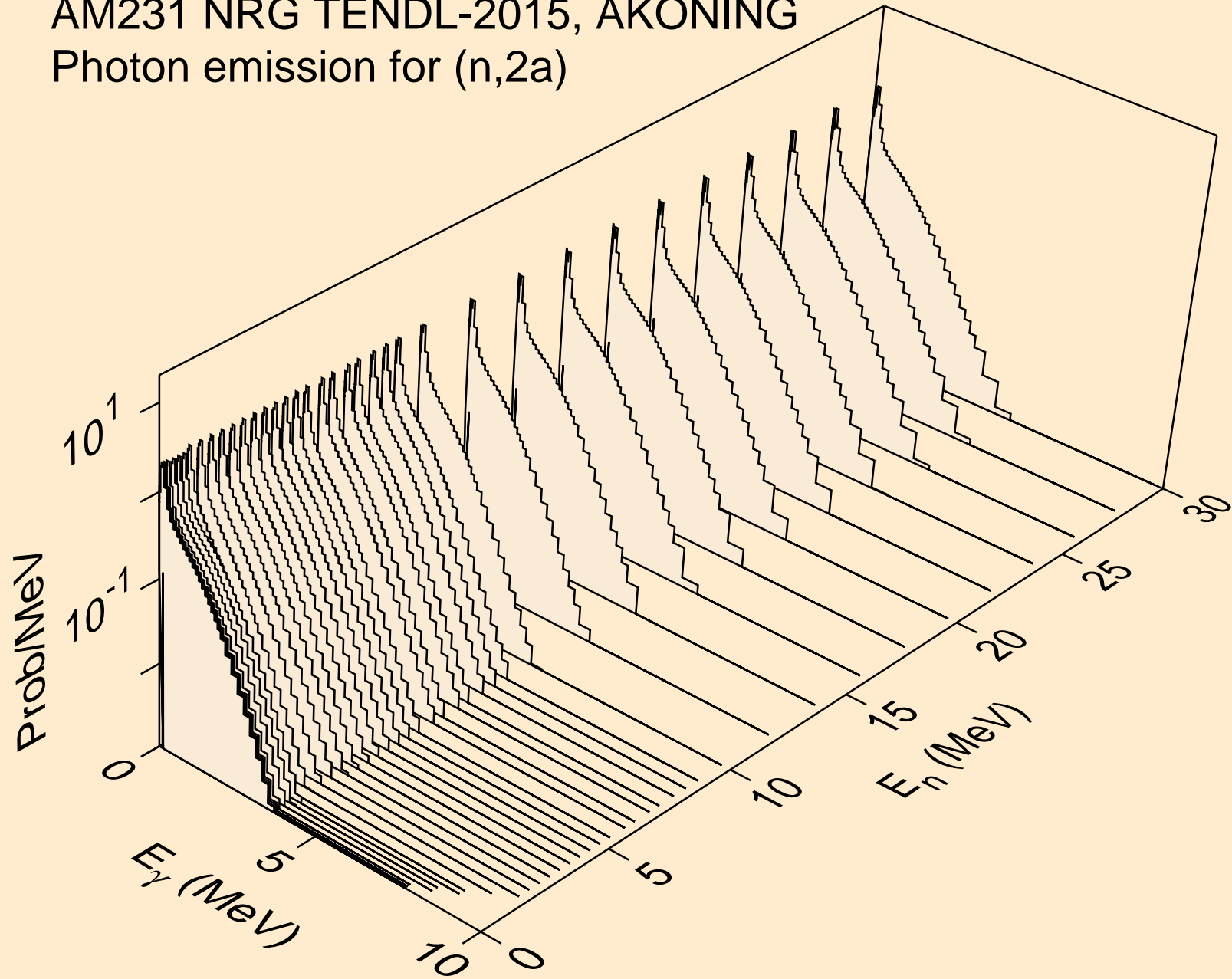
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



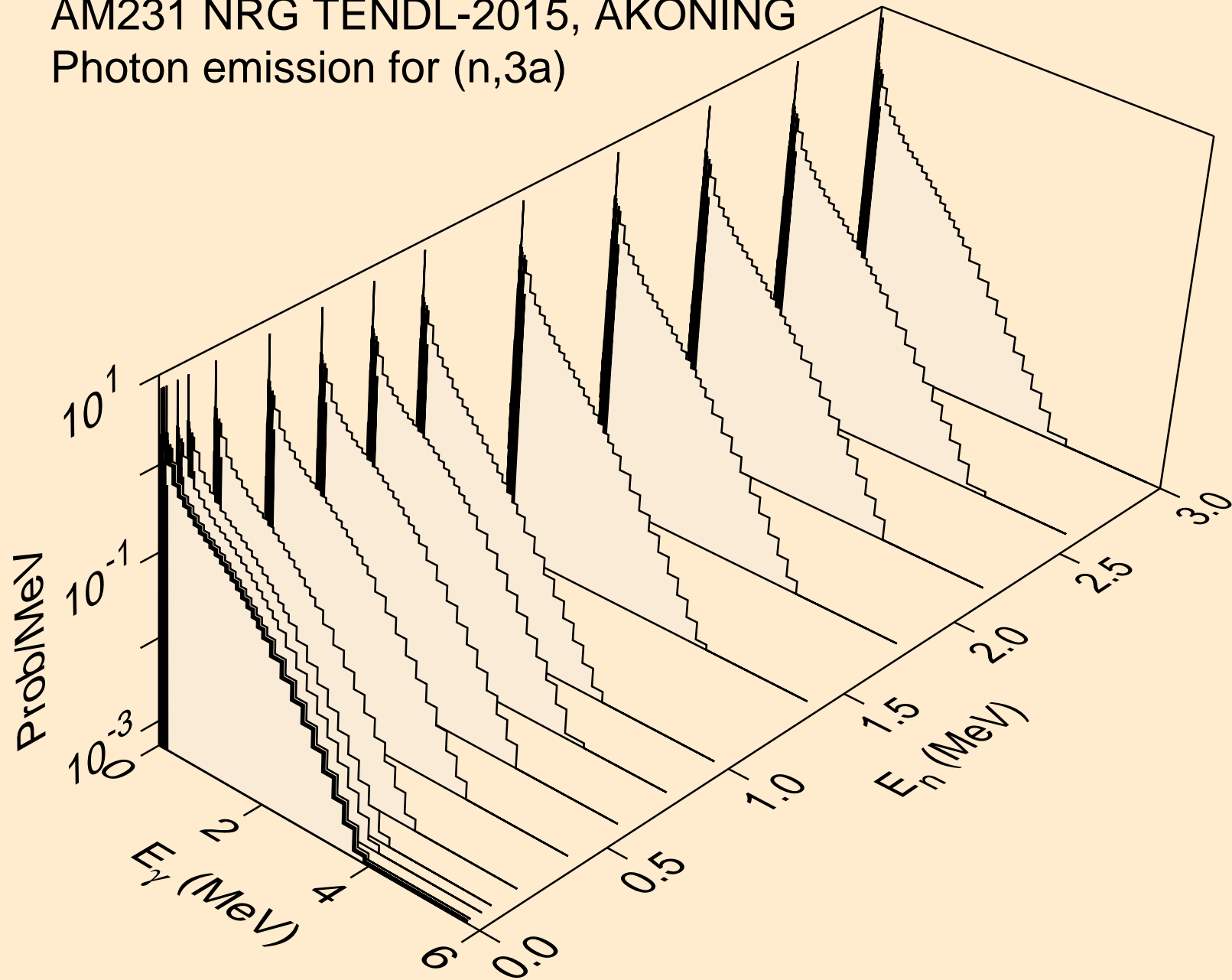
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



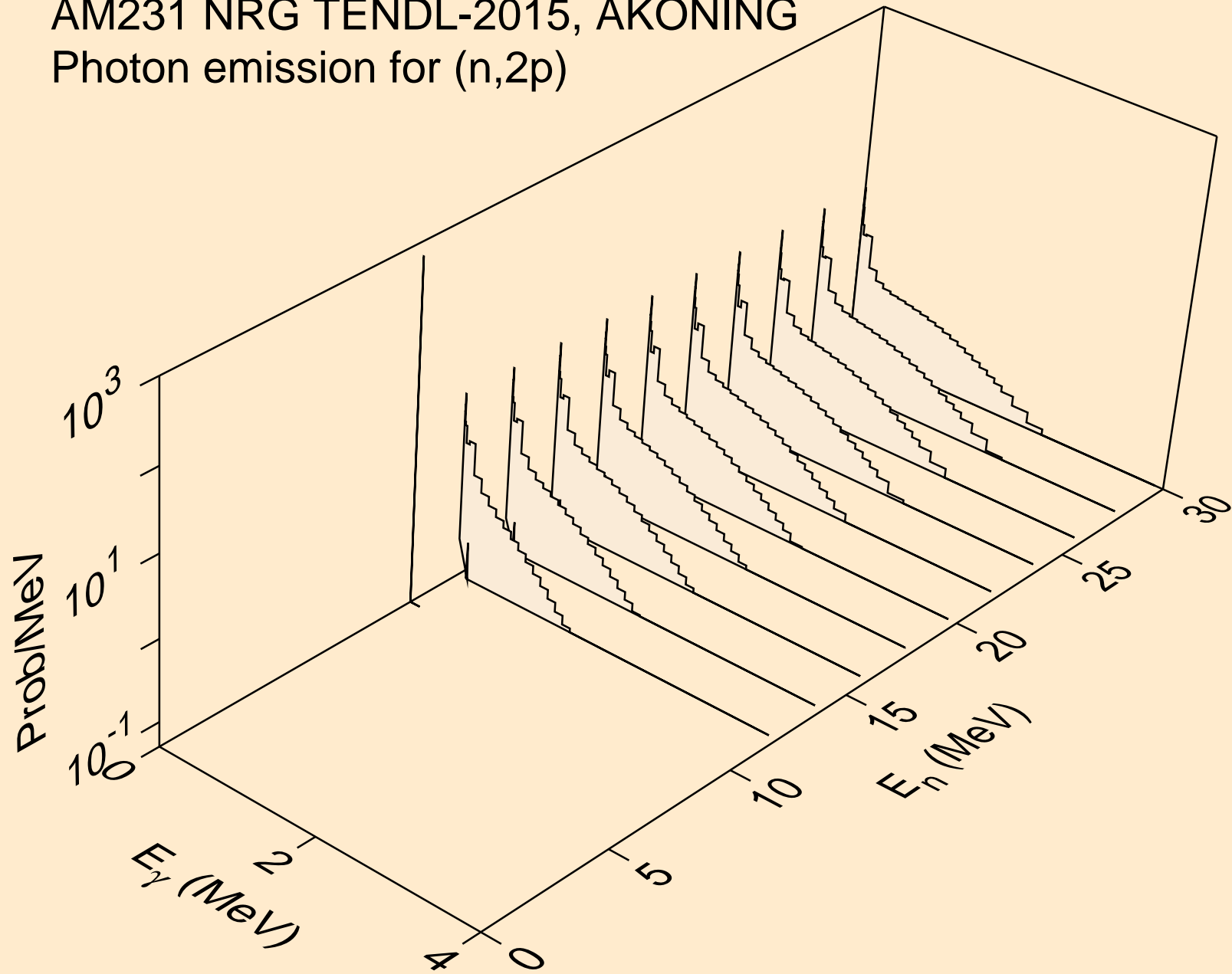
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



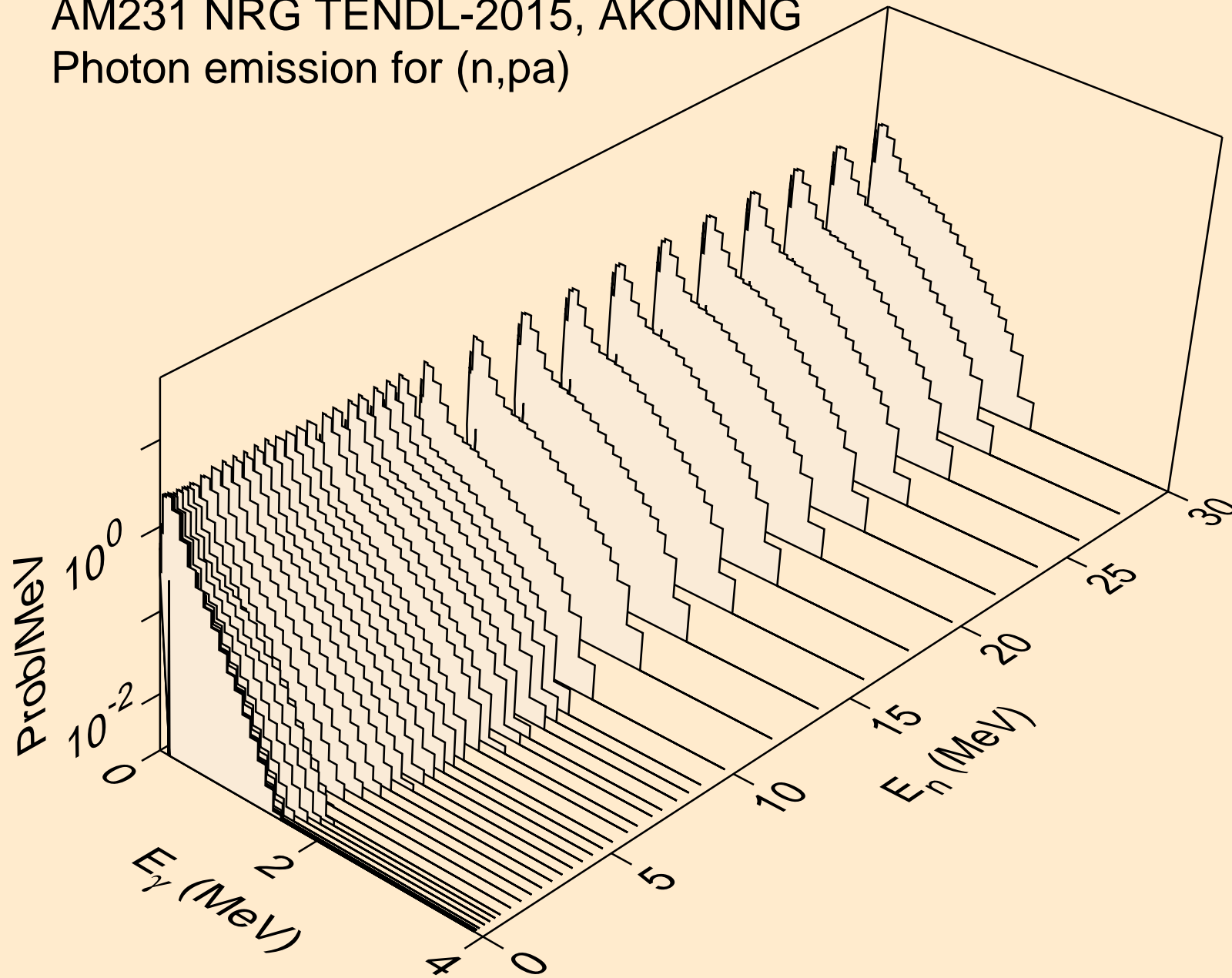
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



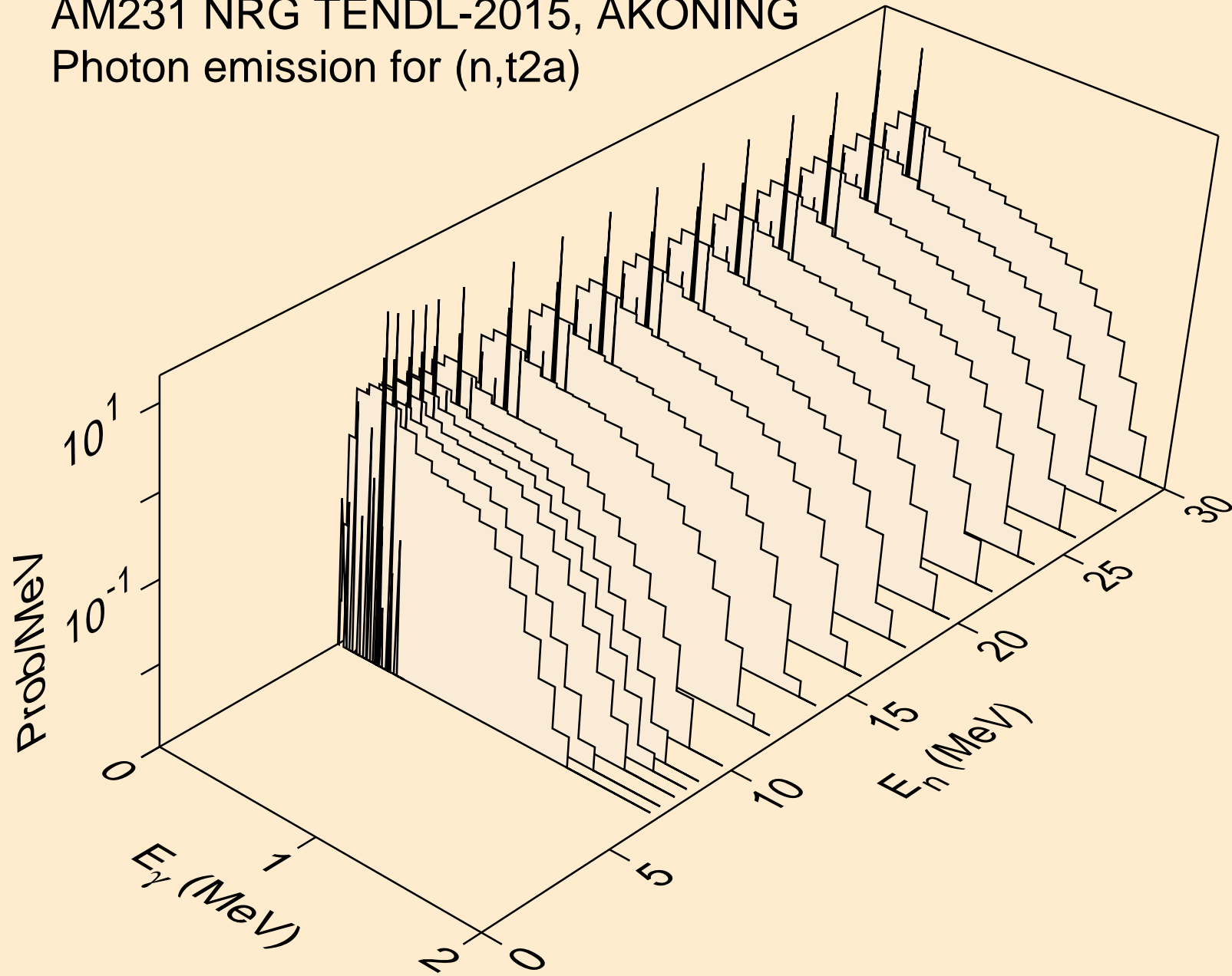
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



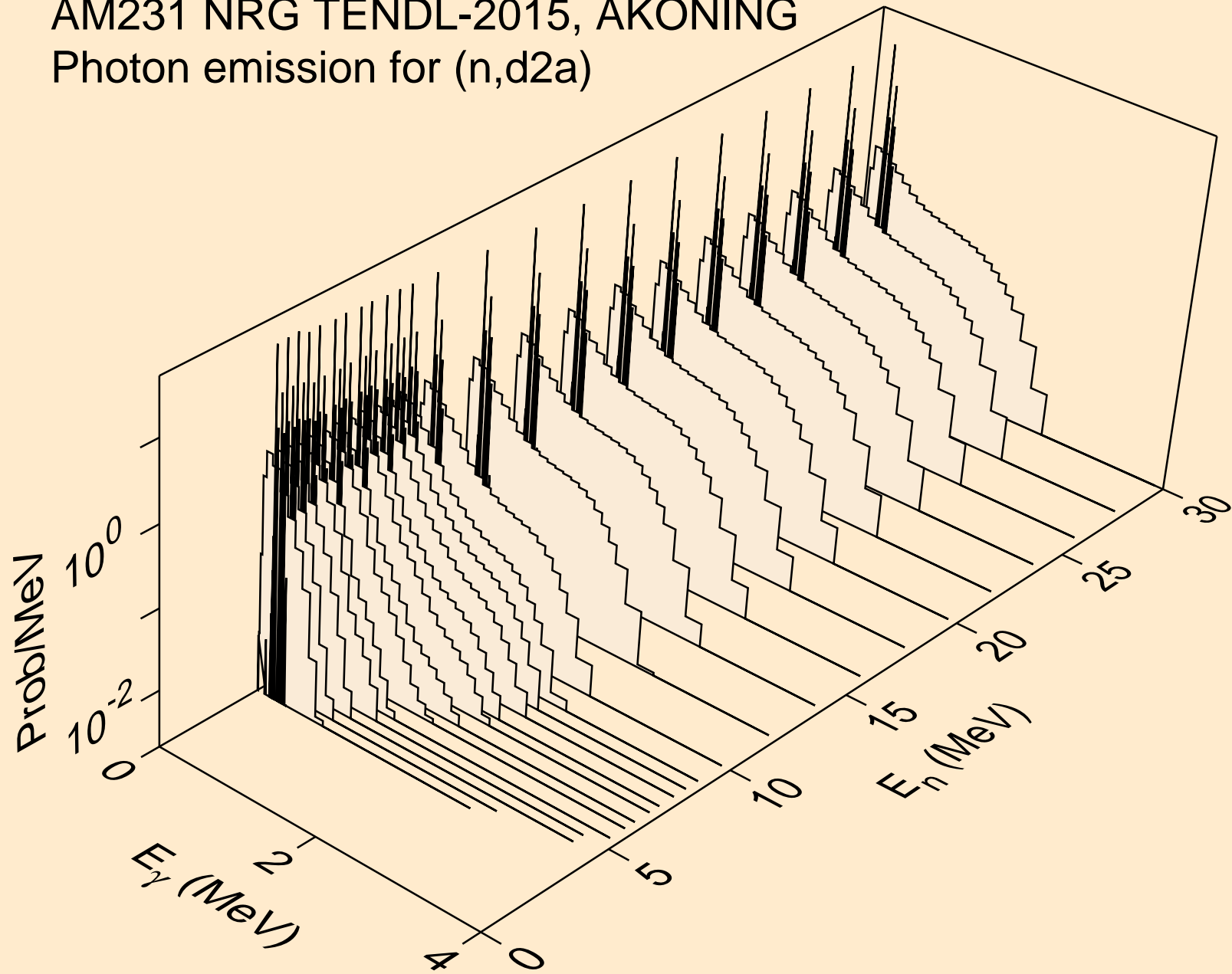
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)

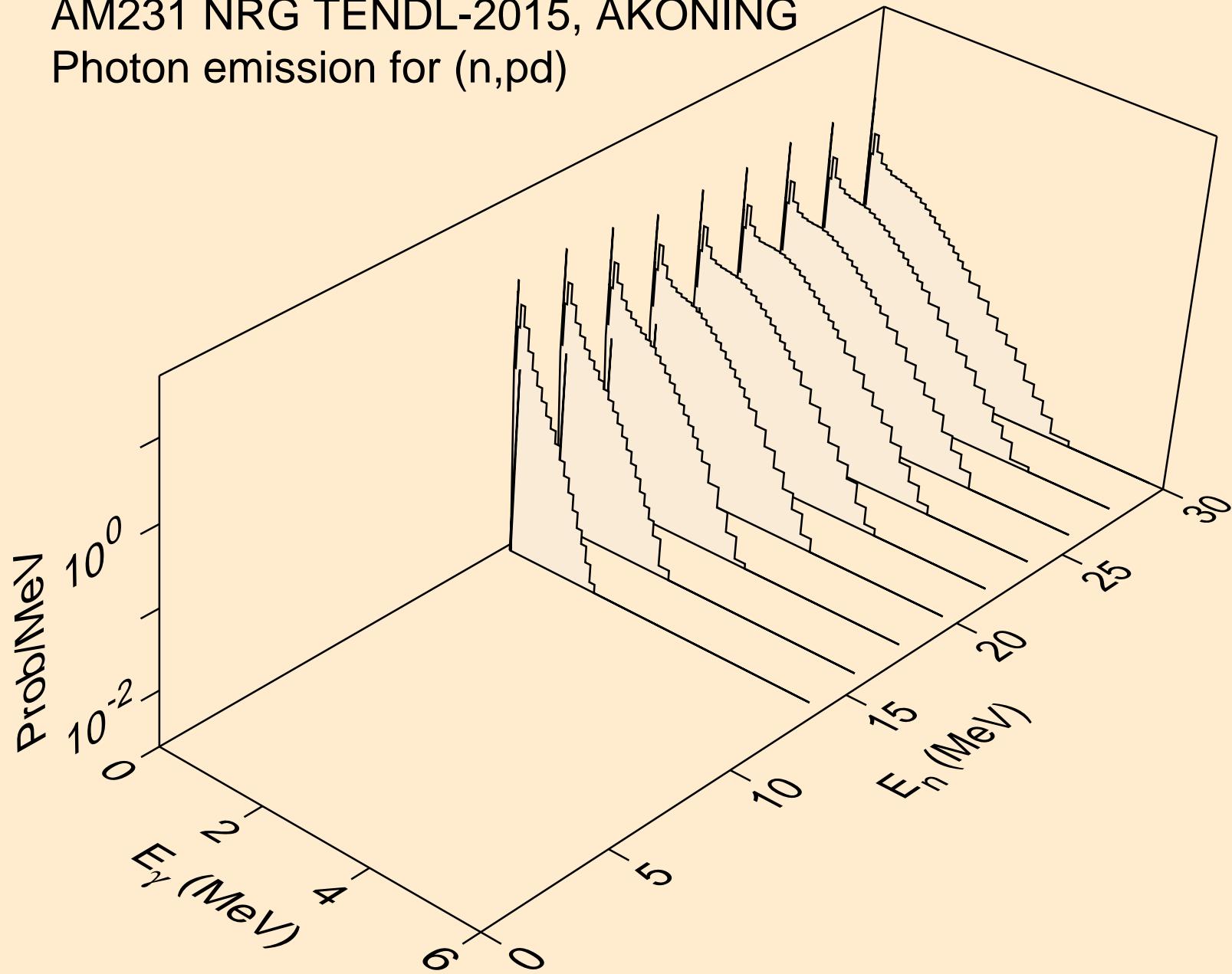


AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

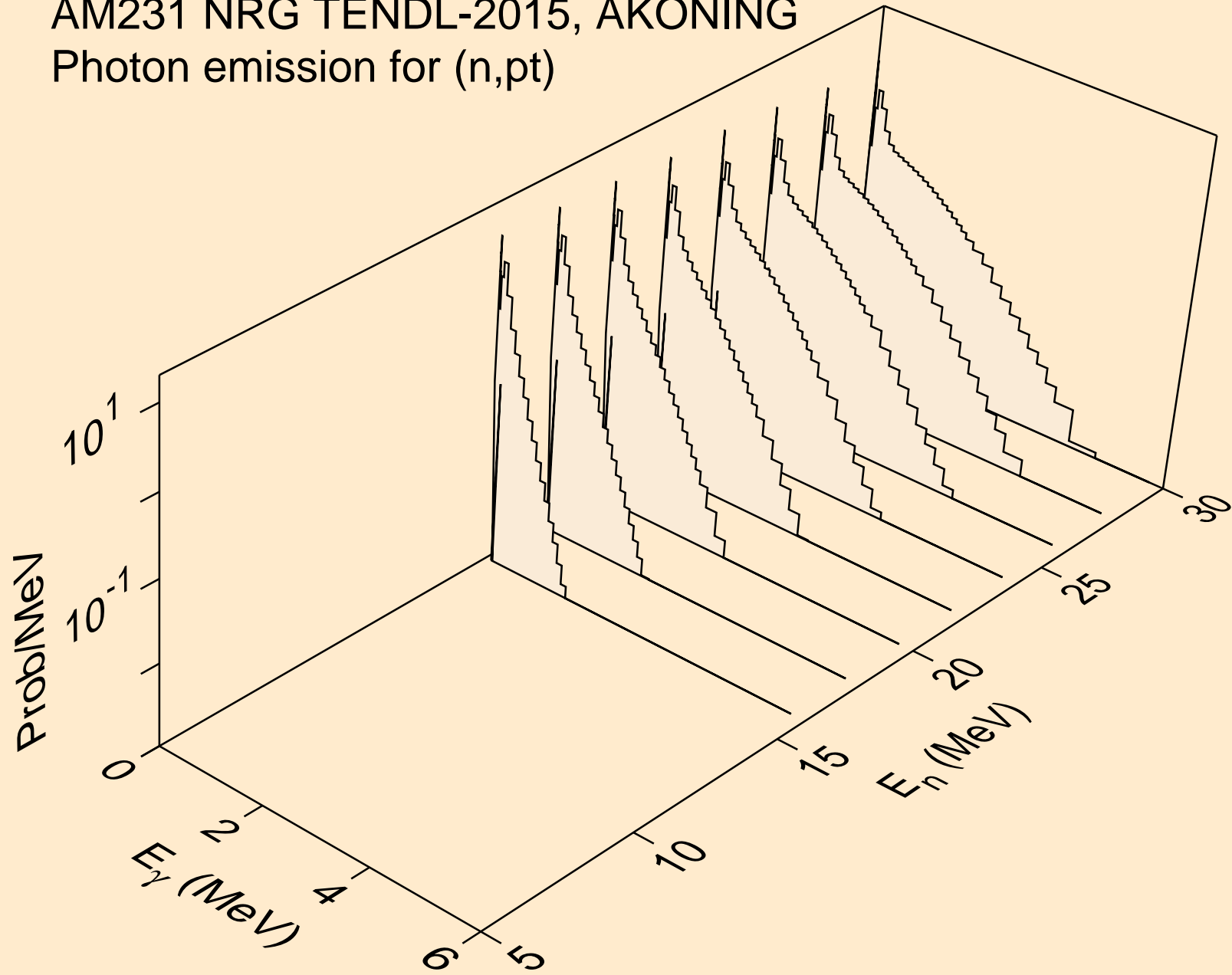




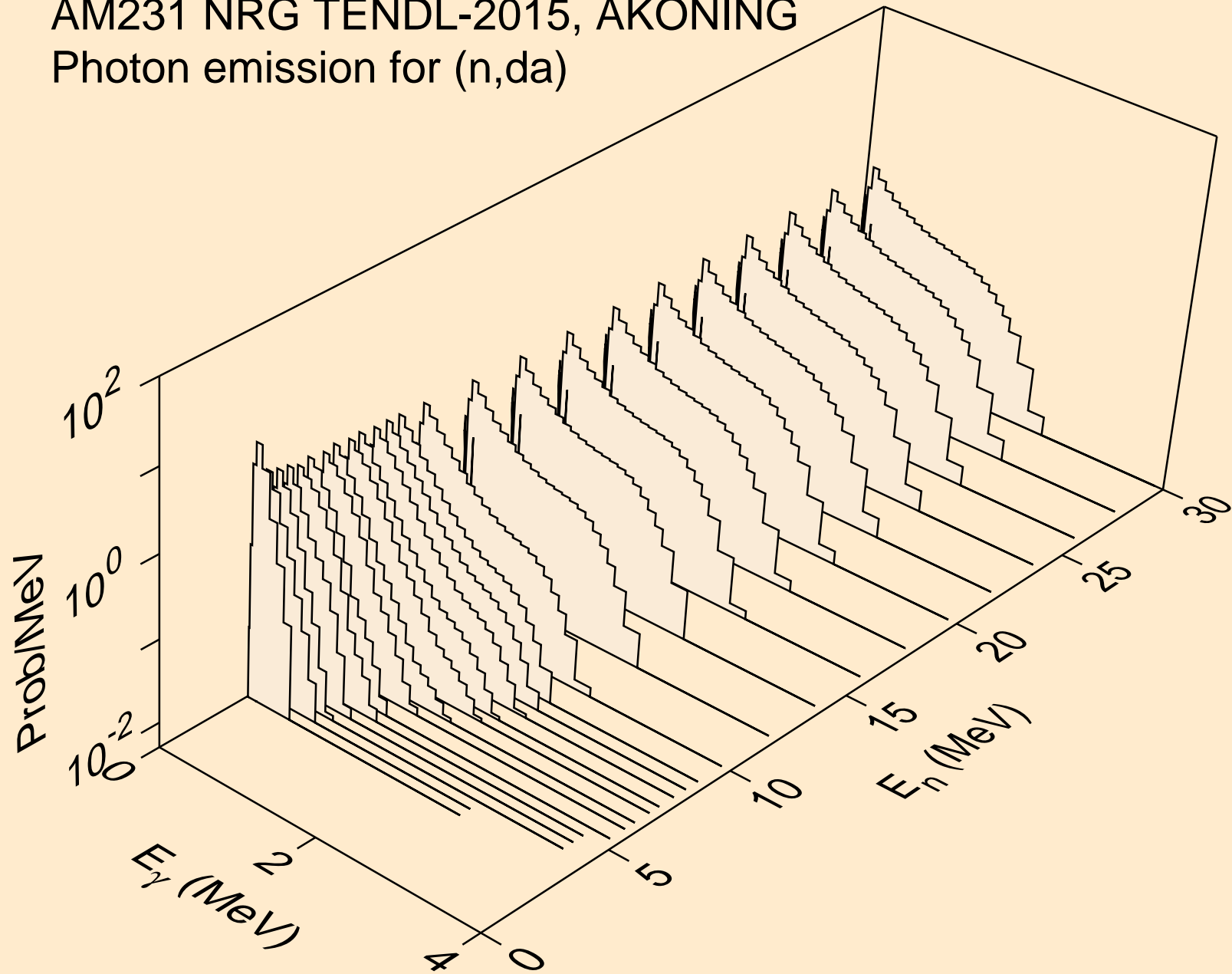
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



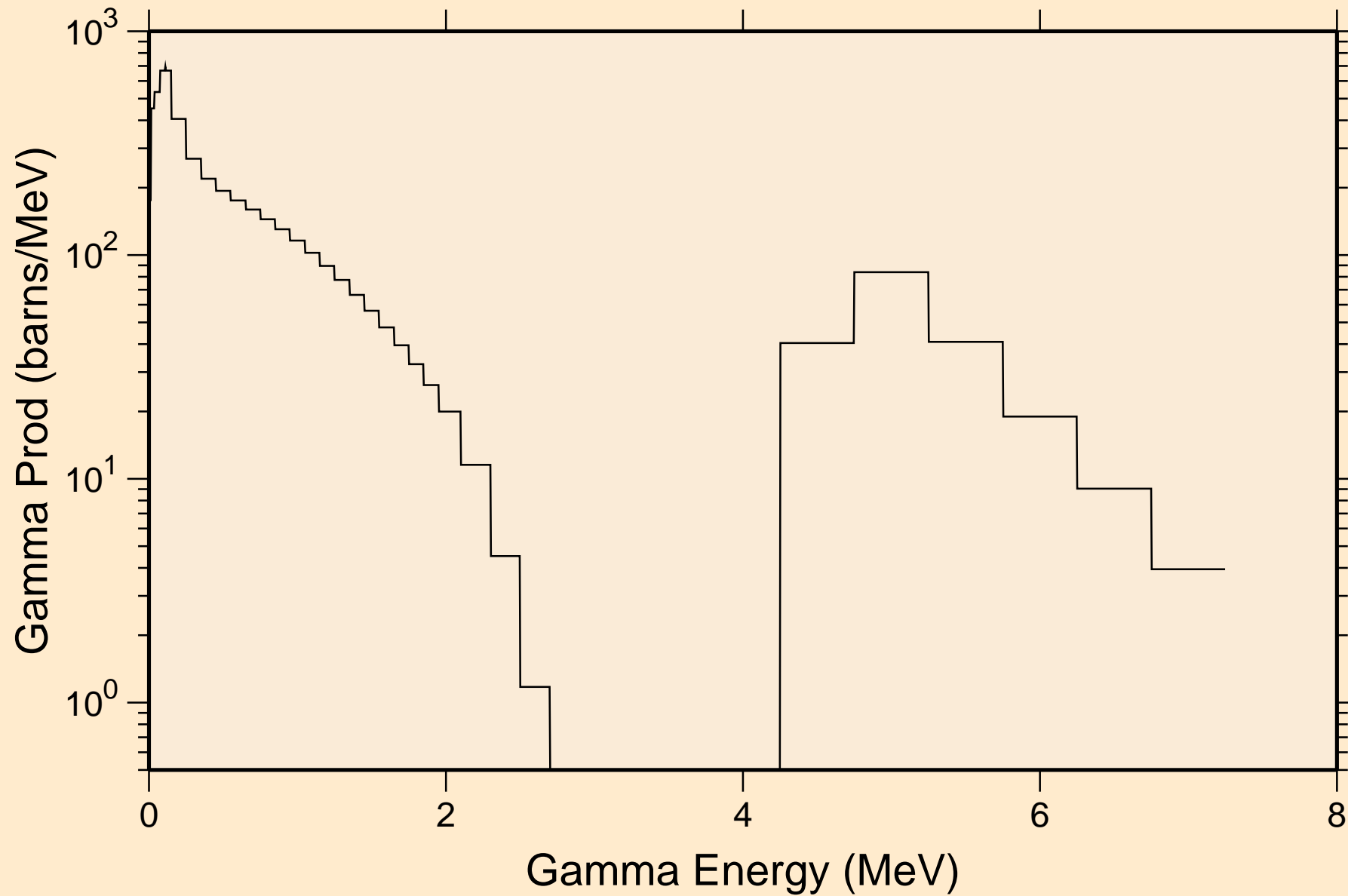
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



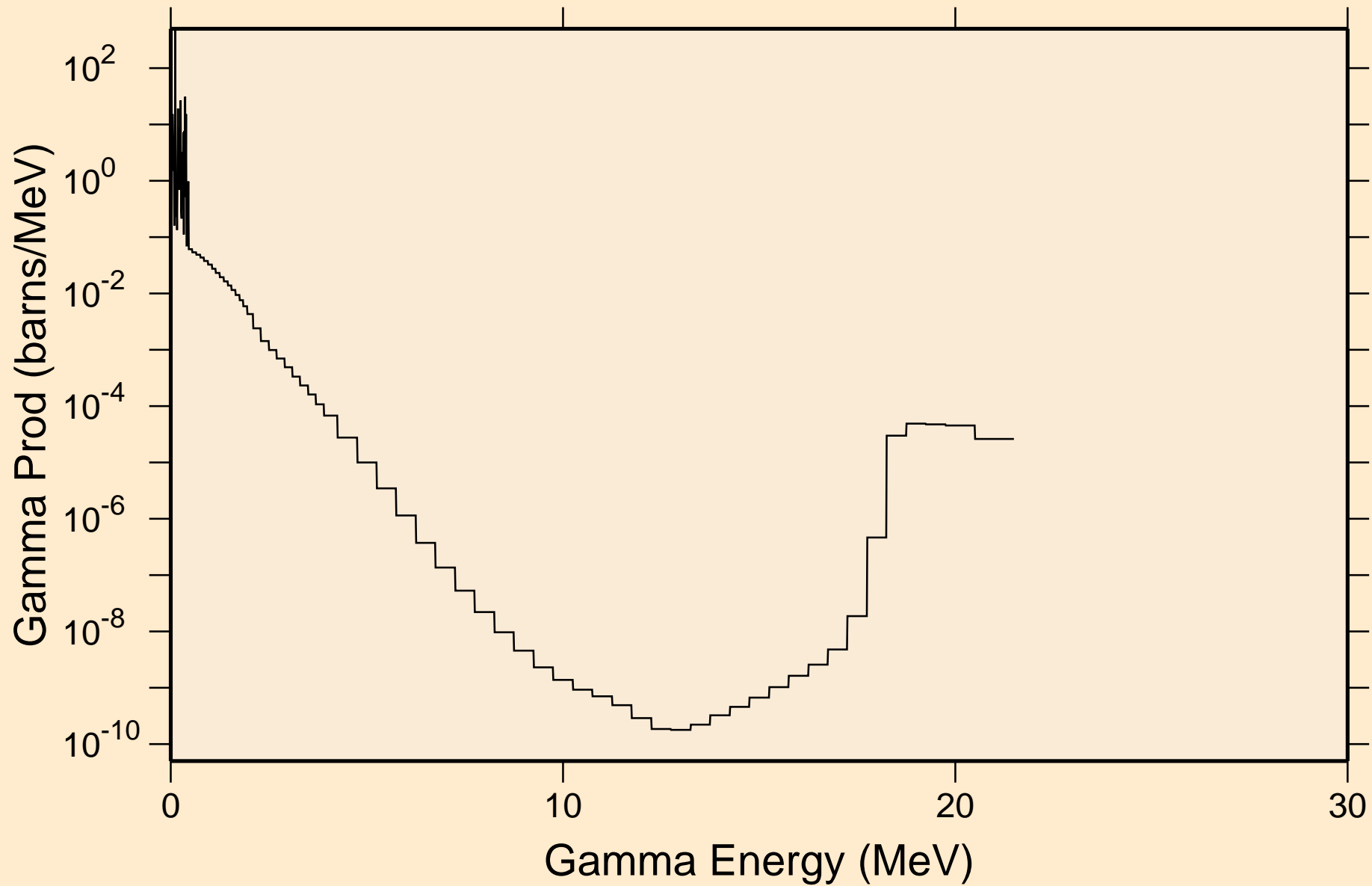
AM231 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



AM231 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

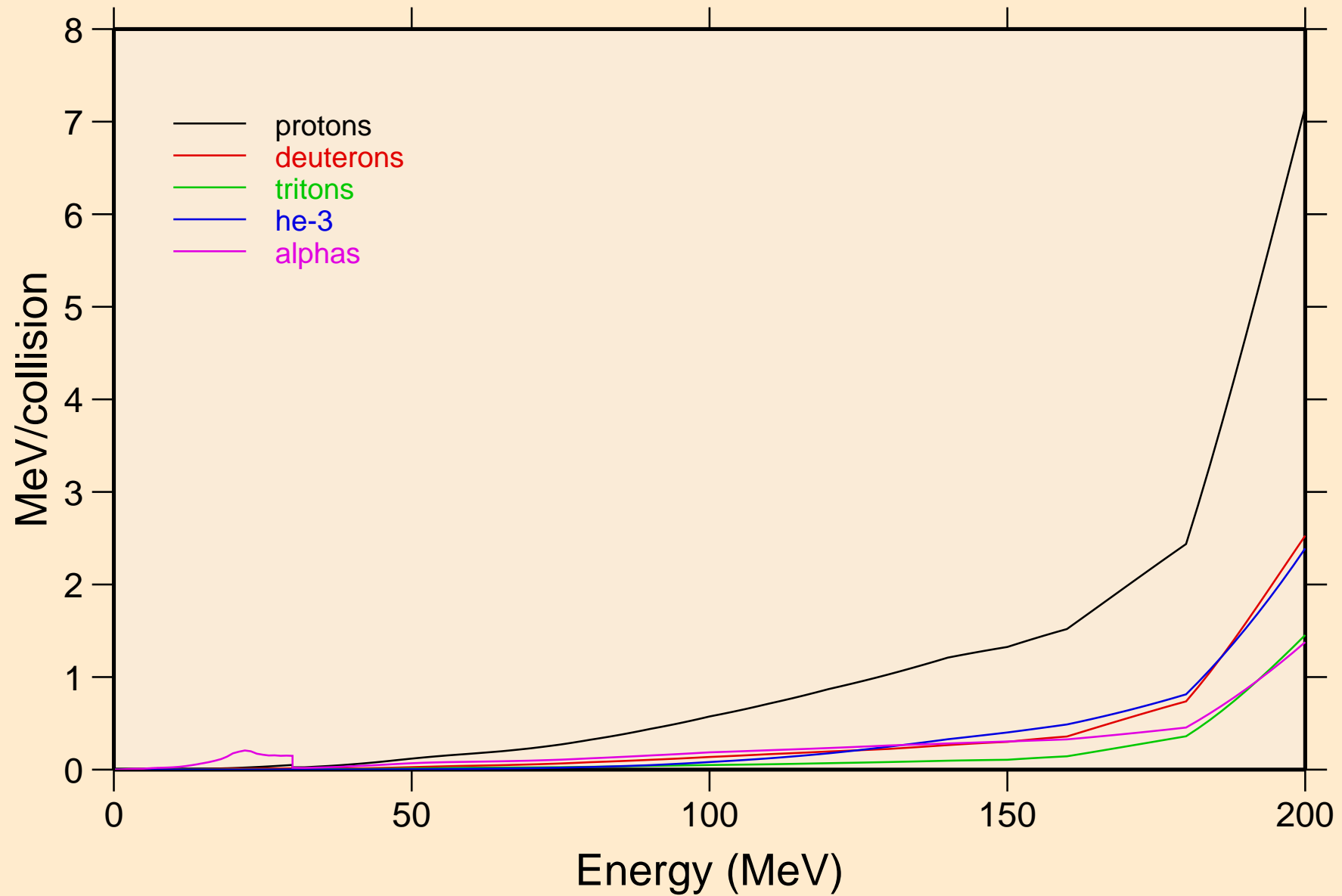


AM231 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



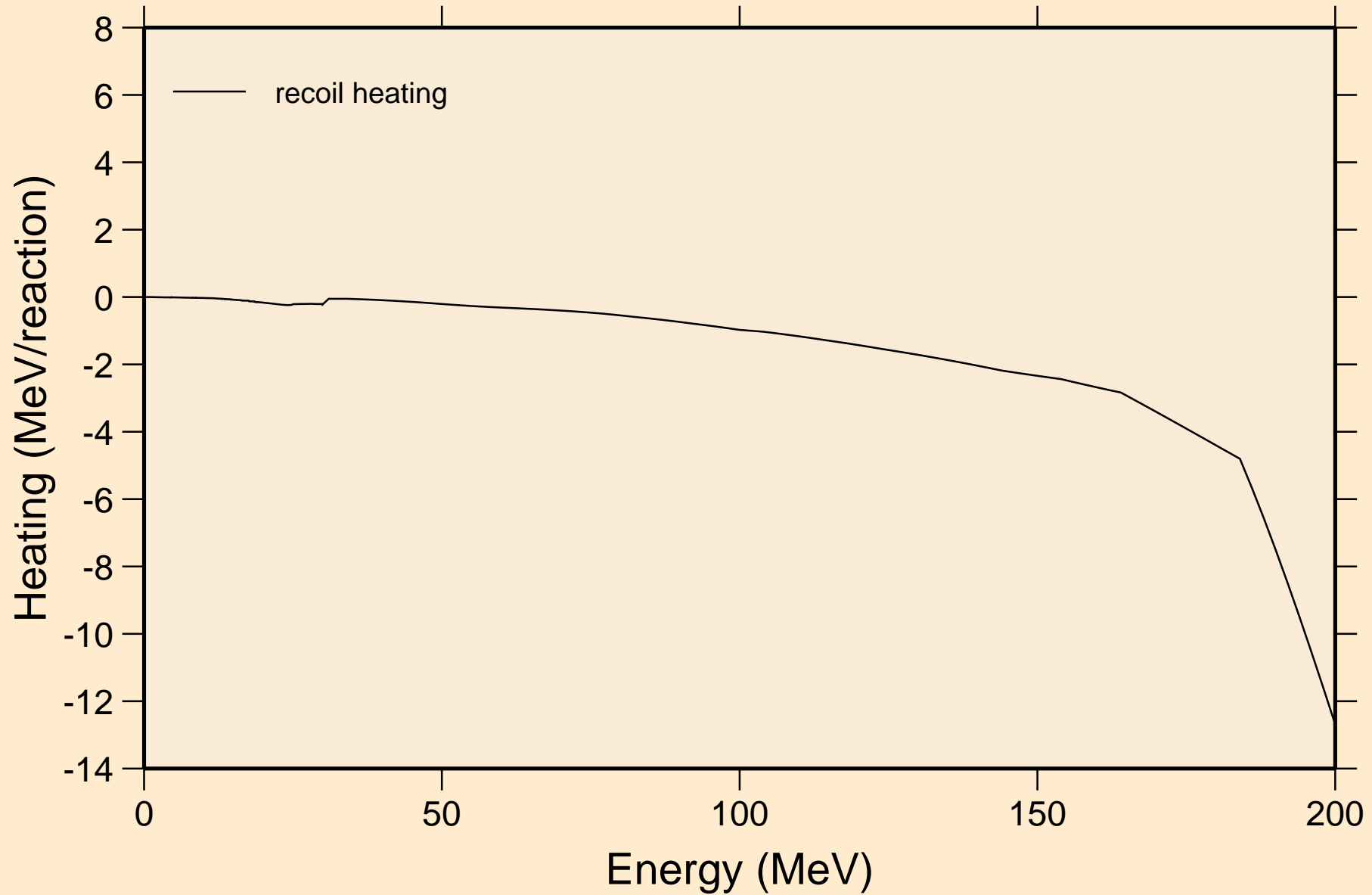
# AM231 NRG TENDL-2015, AKONING

## Particle heating contributions



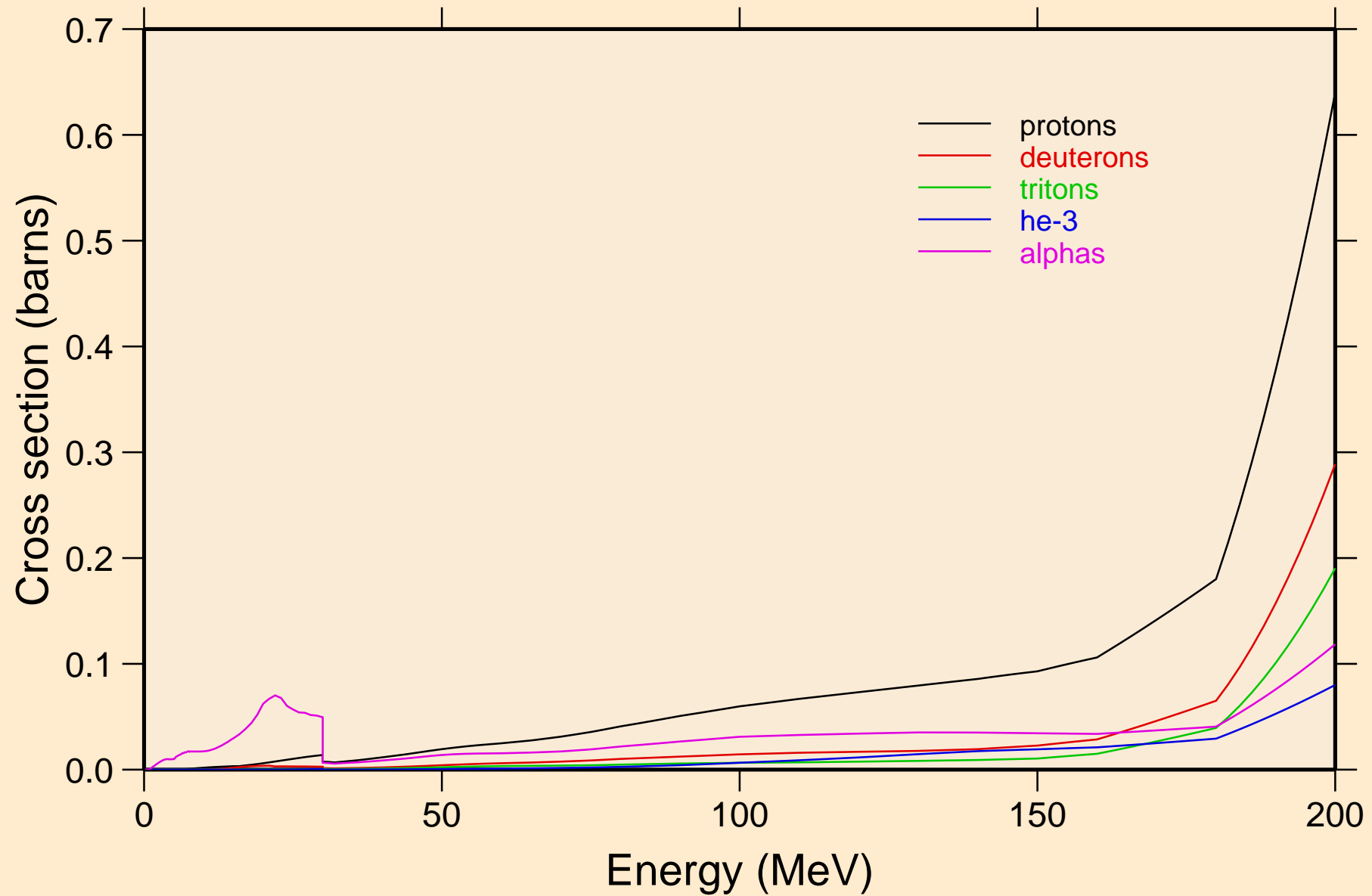
# AM231 NRG TENDL-2015, AKONING

## Recoil Heating



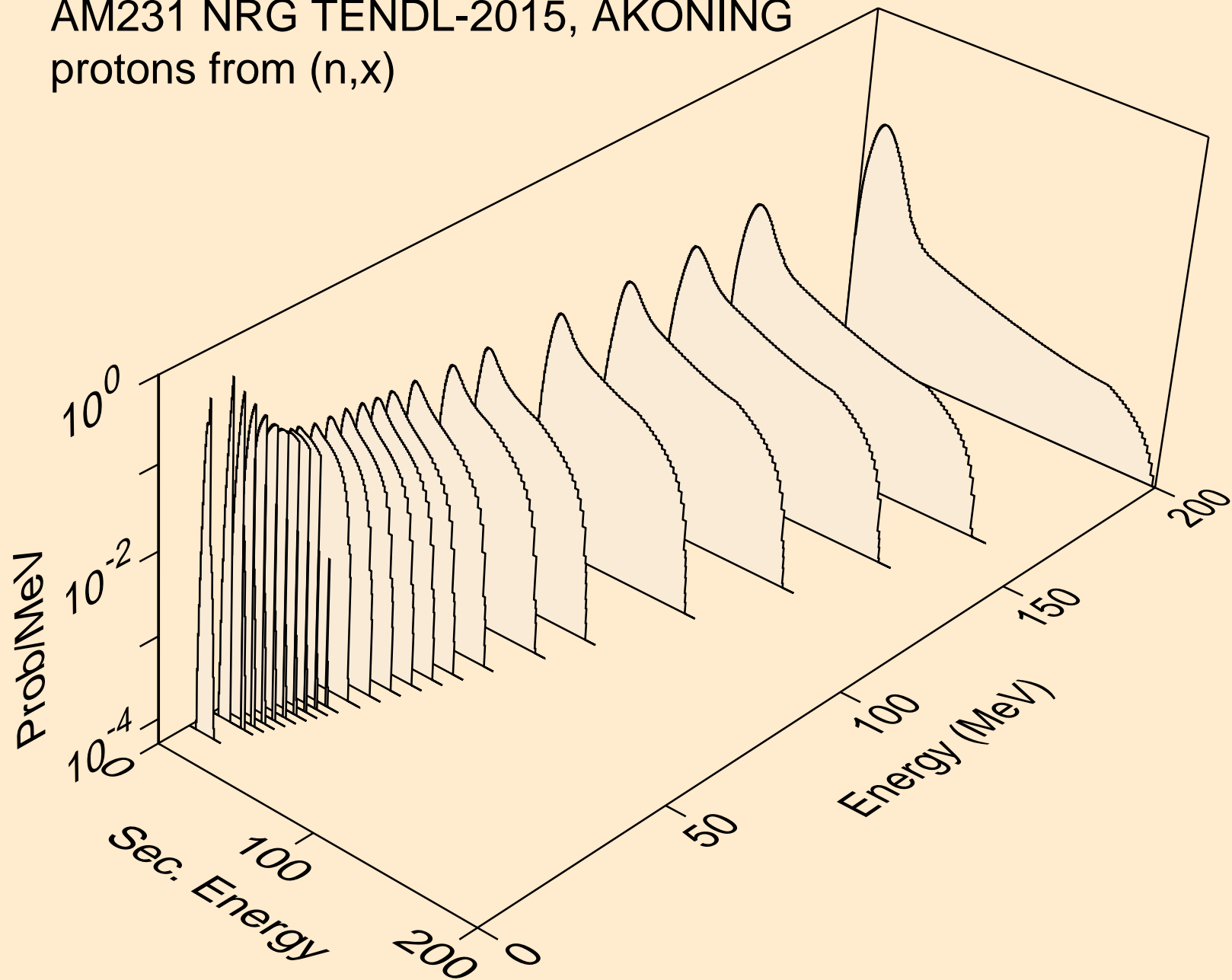
# AM231 NRG TENDL-2015, AKONING

## Particle production cross sections

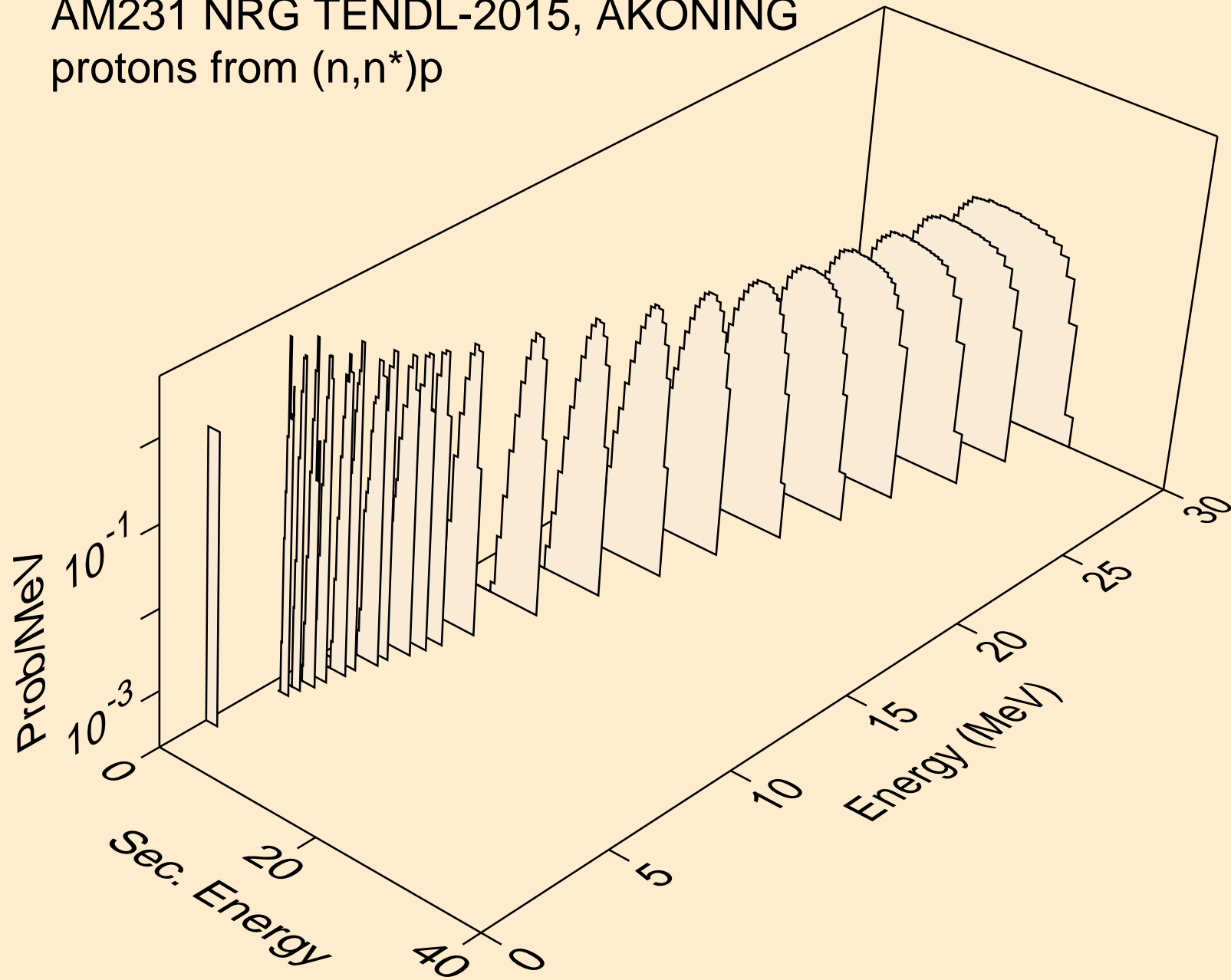




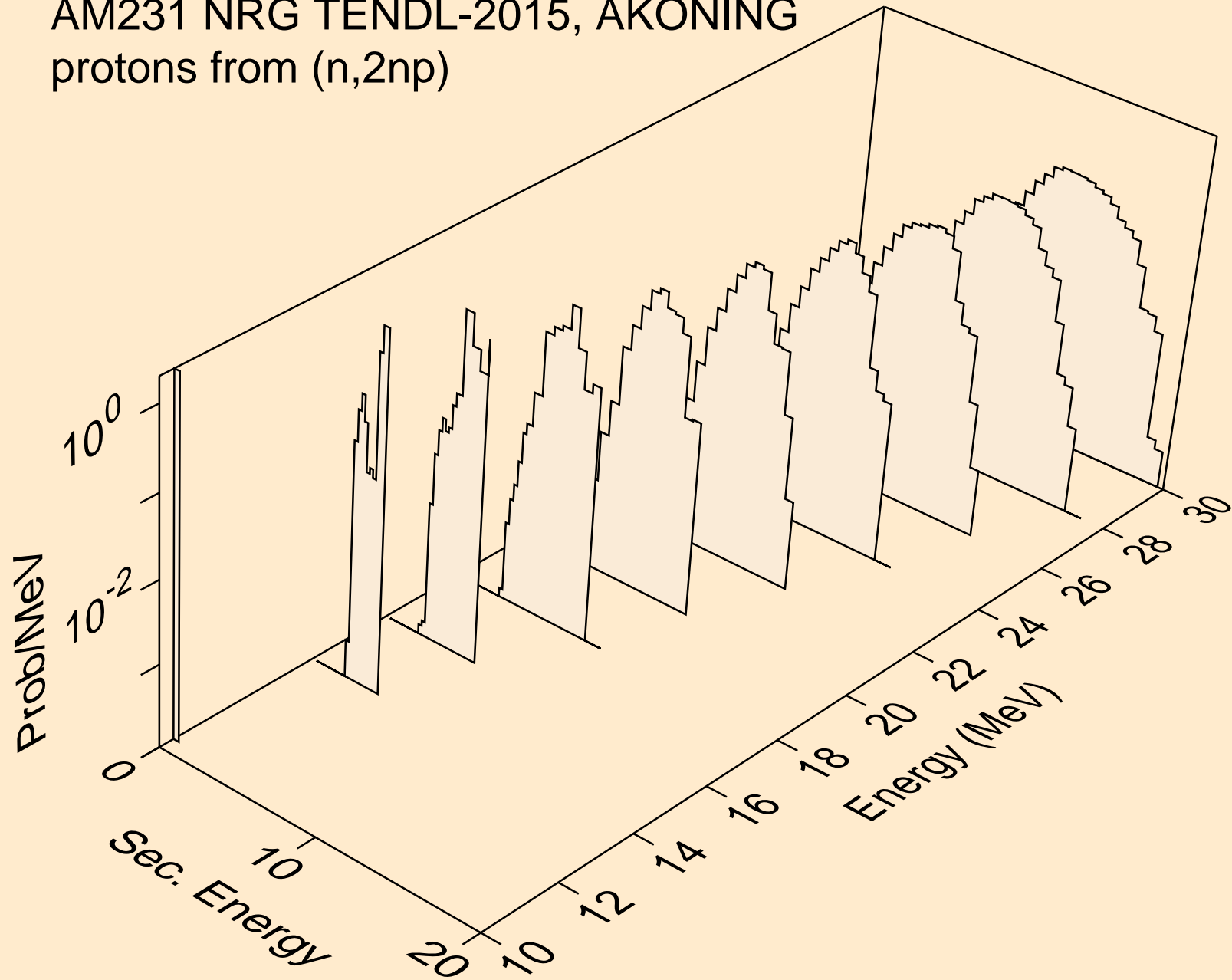
AM231 NRG TENDL-2015, AKONING  
protons from (n,x)



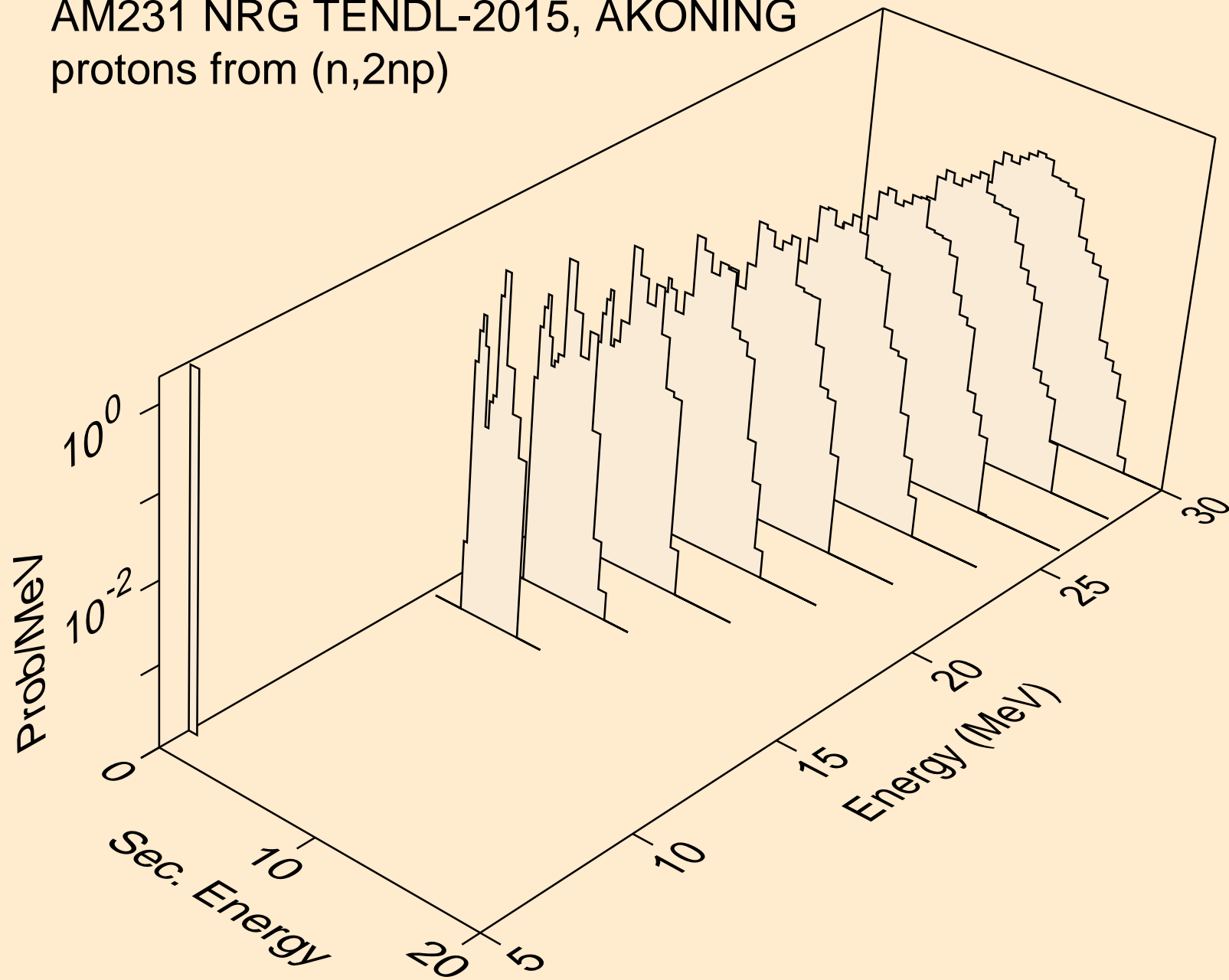
AM231 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



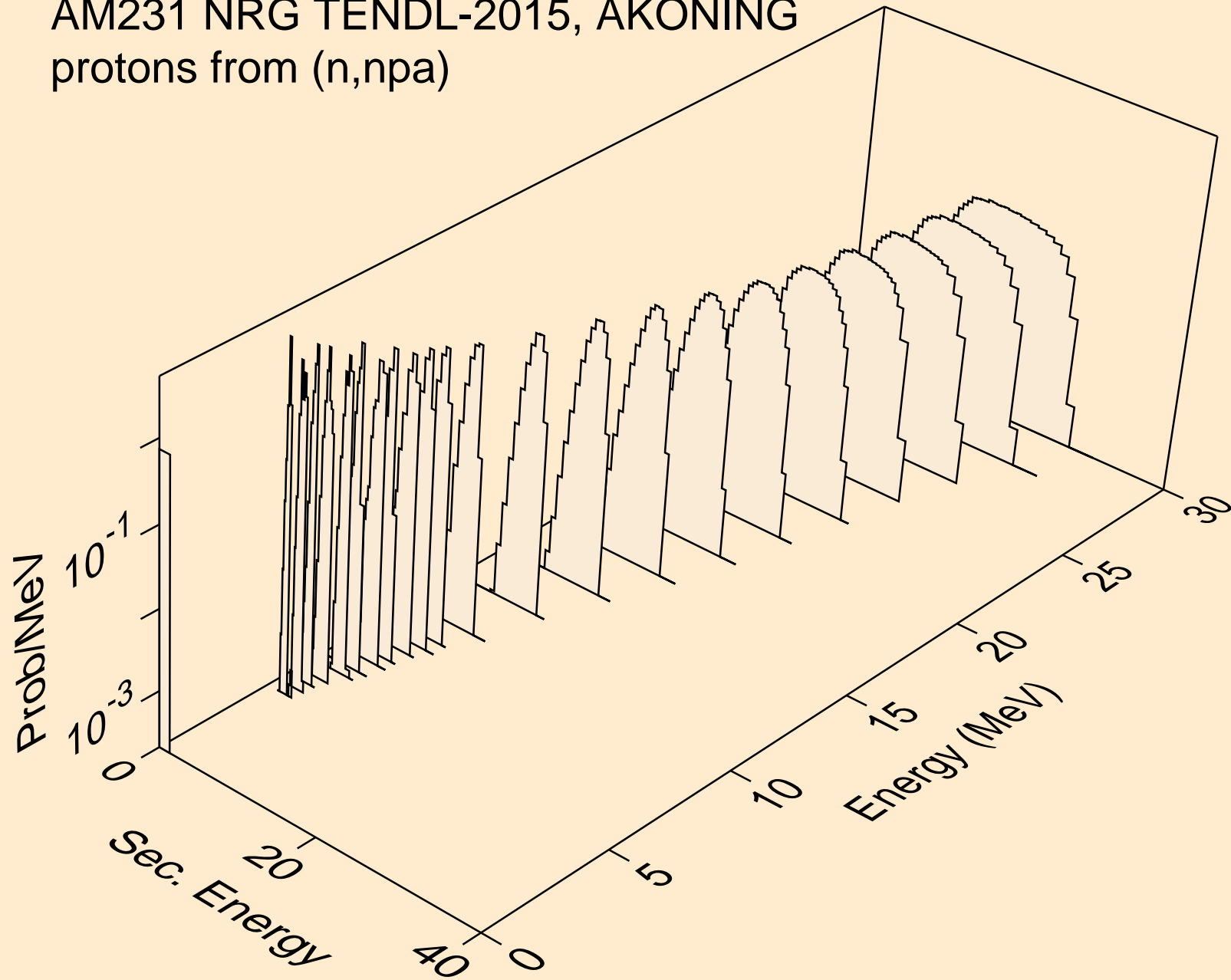
AM231 NRG TENDL-2015, AKONING  
protons from (n,2np)



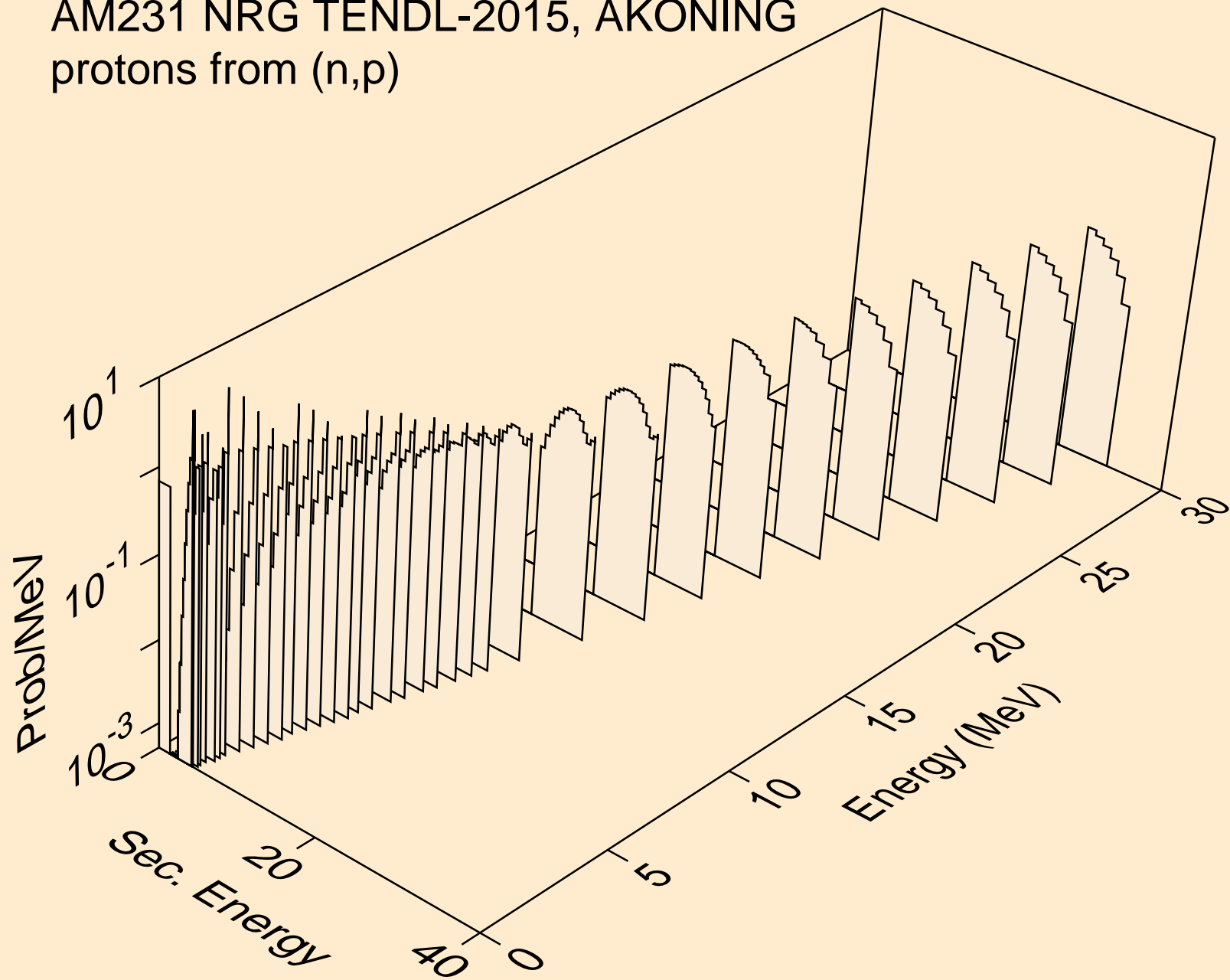
AM231 NRG TENDL-2015, AKONING  
protons from (n,2np)



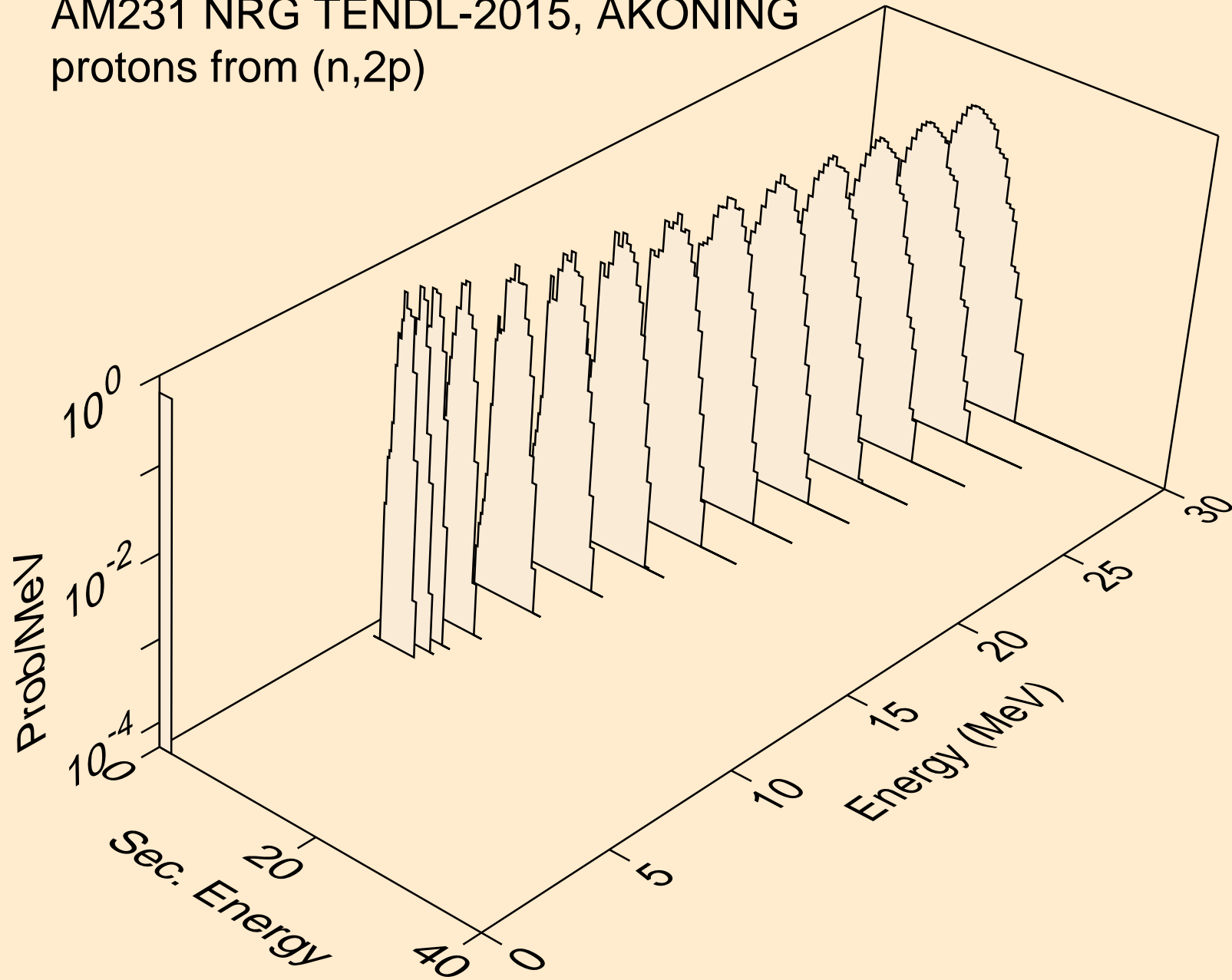
AM231 NRG TENDL-2015, AKONING  
protons from (n,npa)



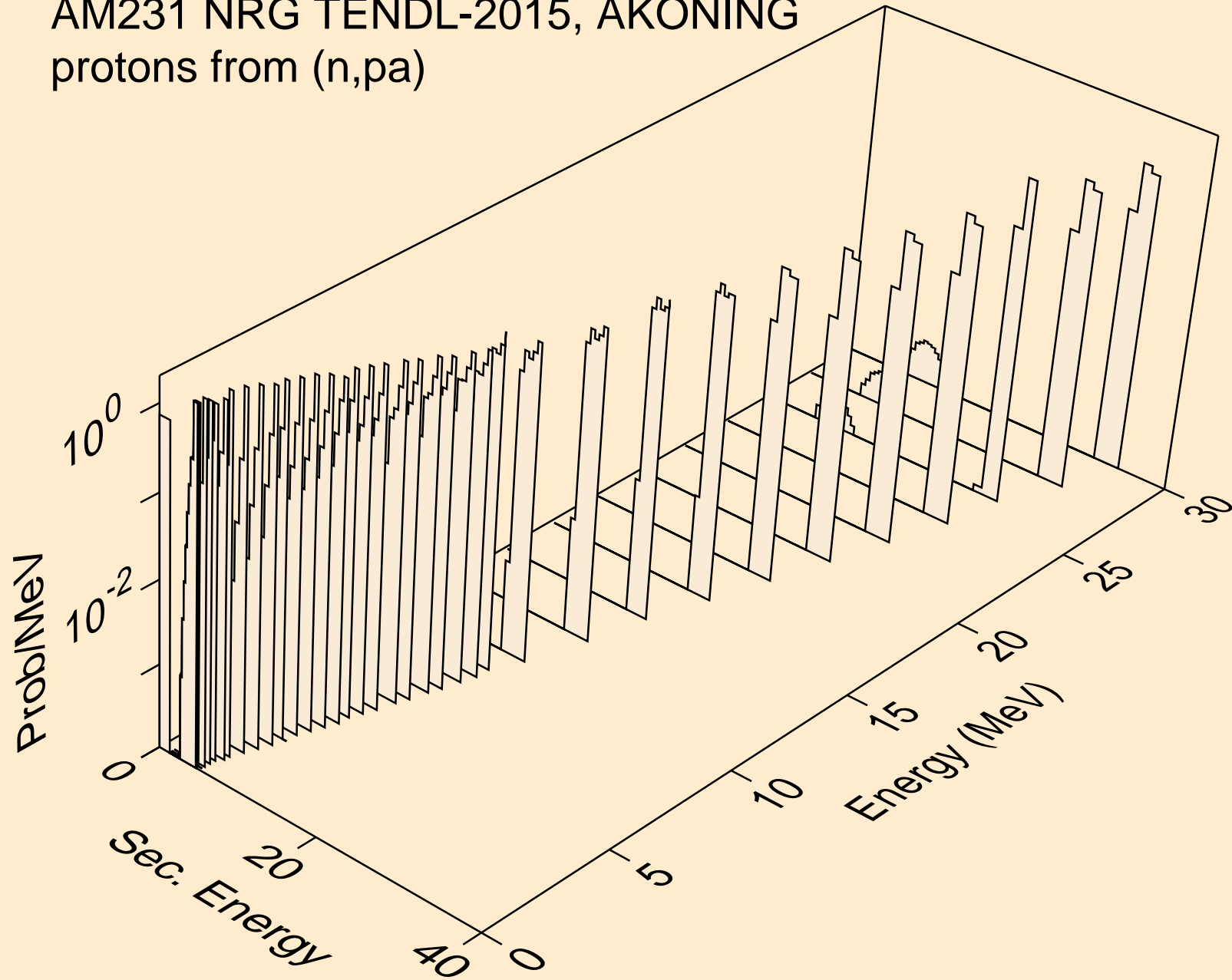
AM231 NRG TENDL-2015, AKONING  
protons from (n,p)



AM231 NRG TENDL-2015, AKONING  
protons from (n,2p)

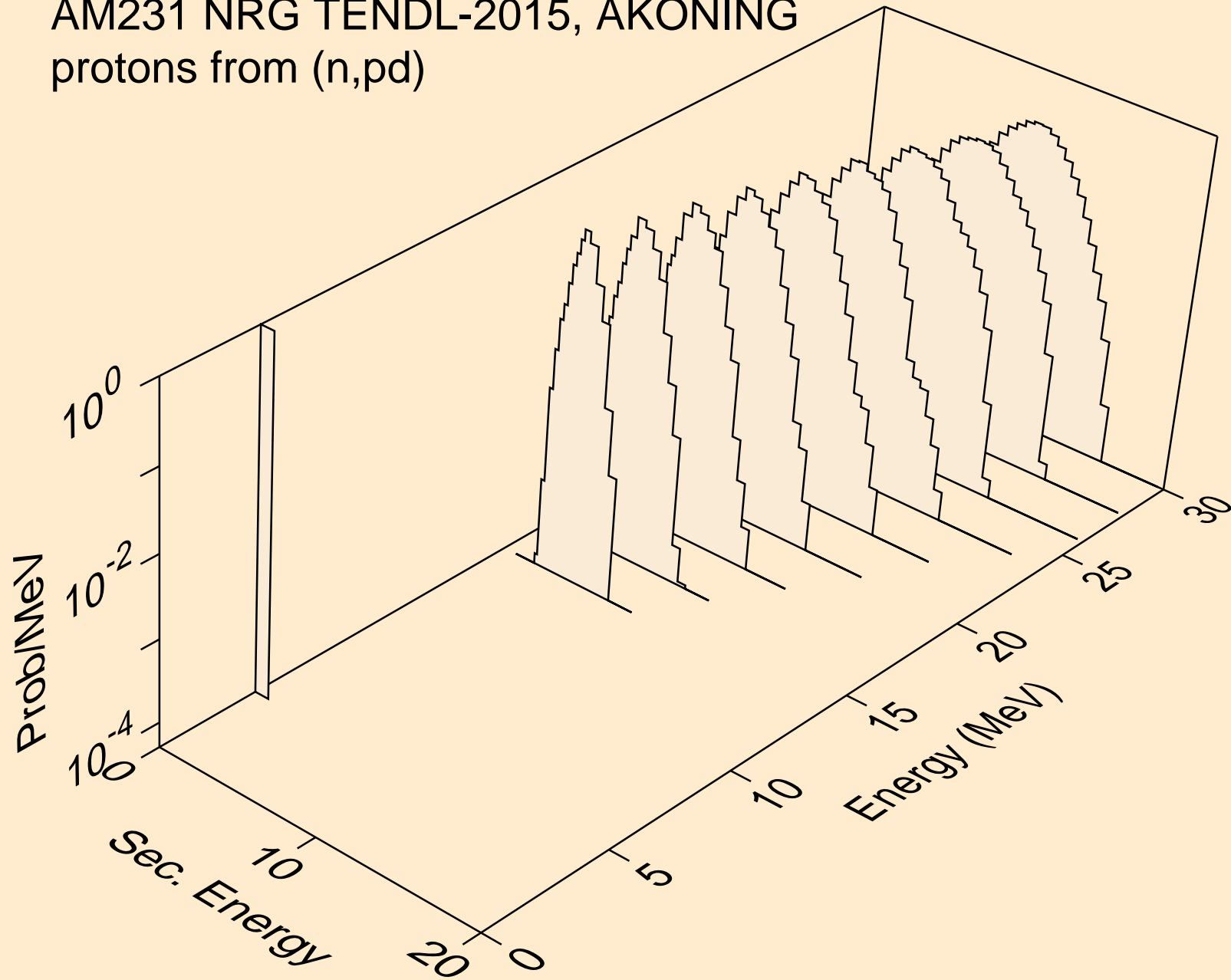


AM231 NRG TENDL-2015, AKONING  
protons from (n,pa)

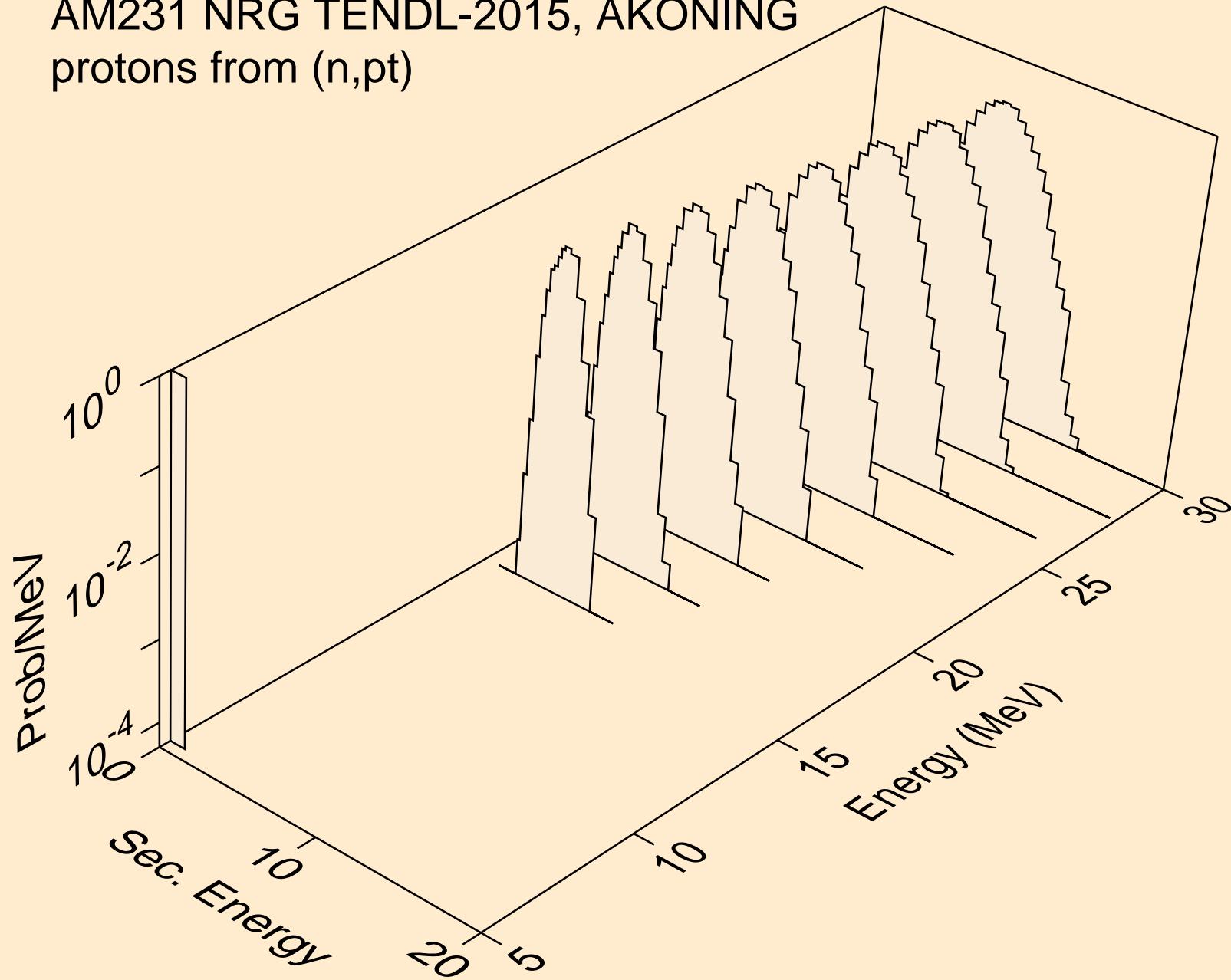




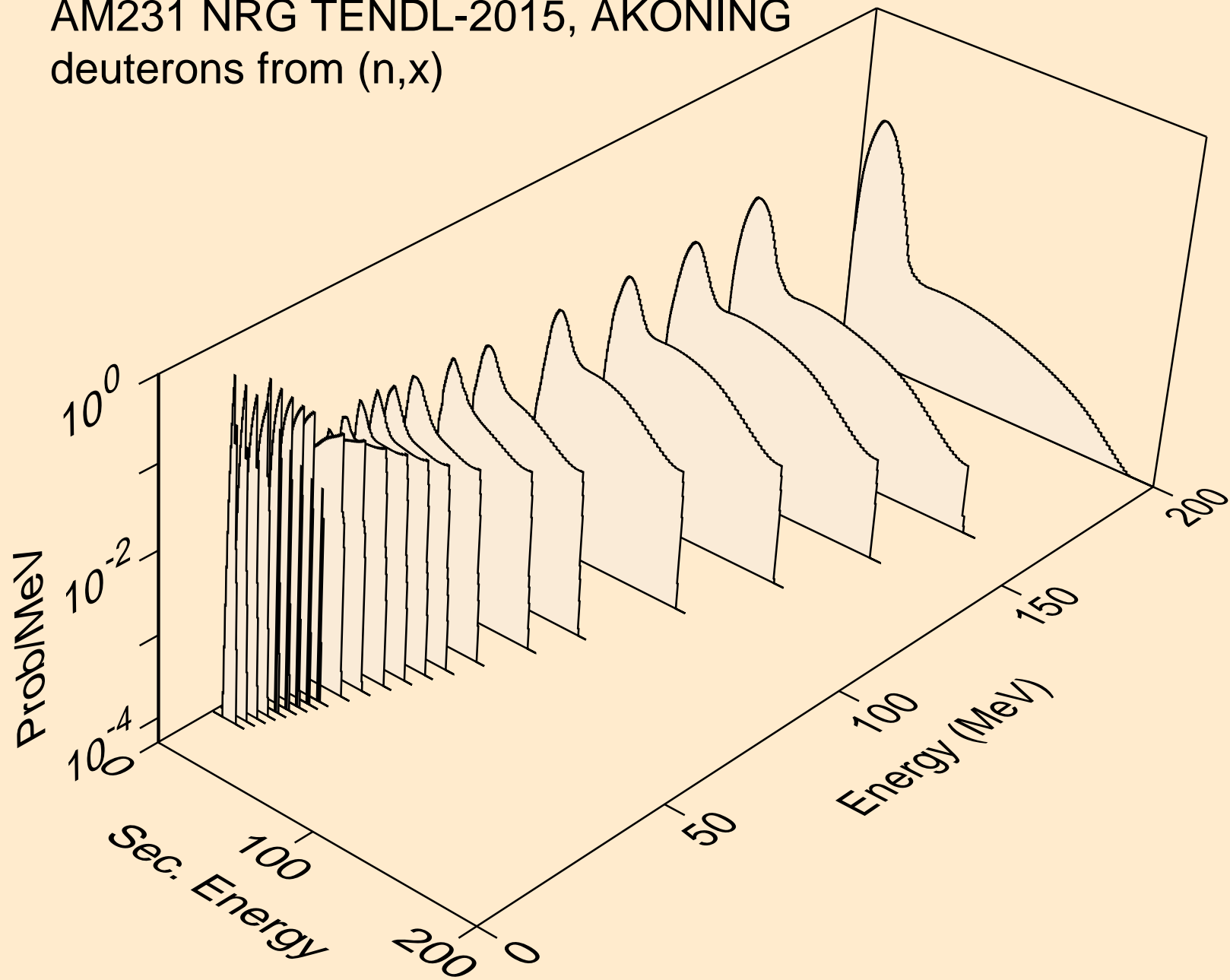
AM231 NRG TENDL-2015, AKONING  
protons from (n,pd)



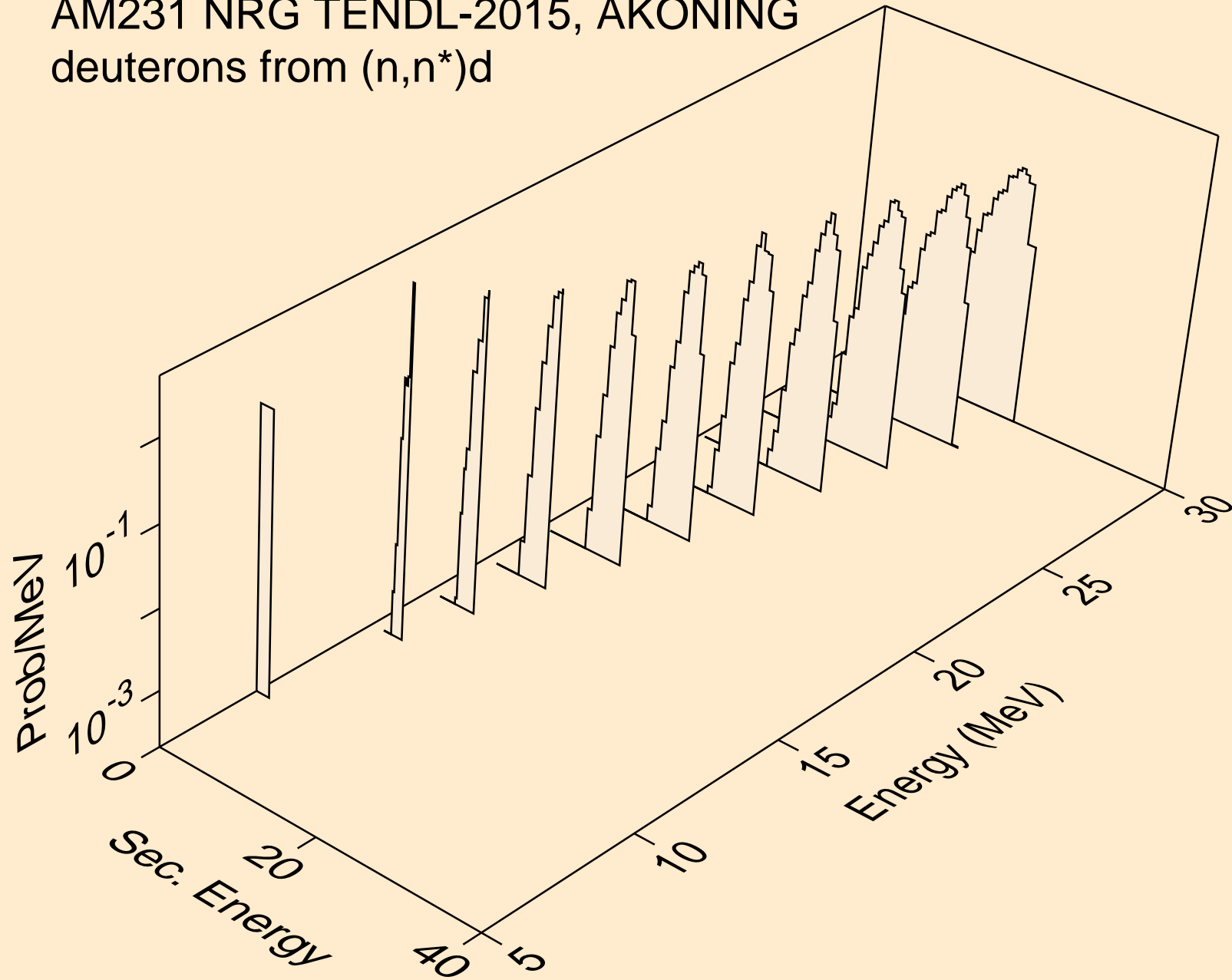
AM231 NRG TENDL-2015, AKONING  
protons from (n,pt)



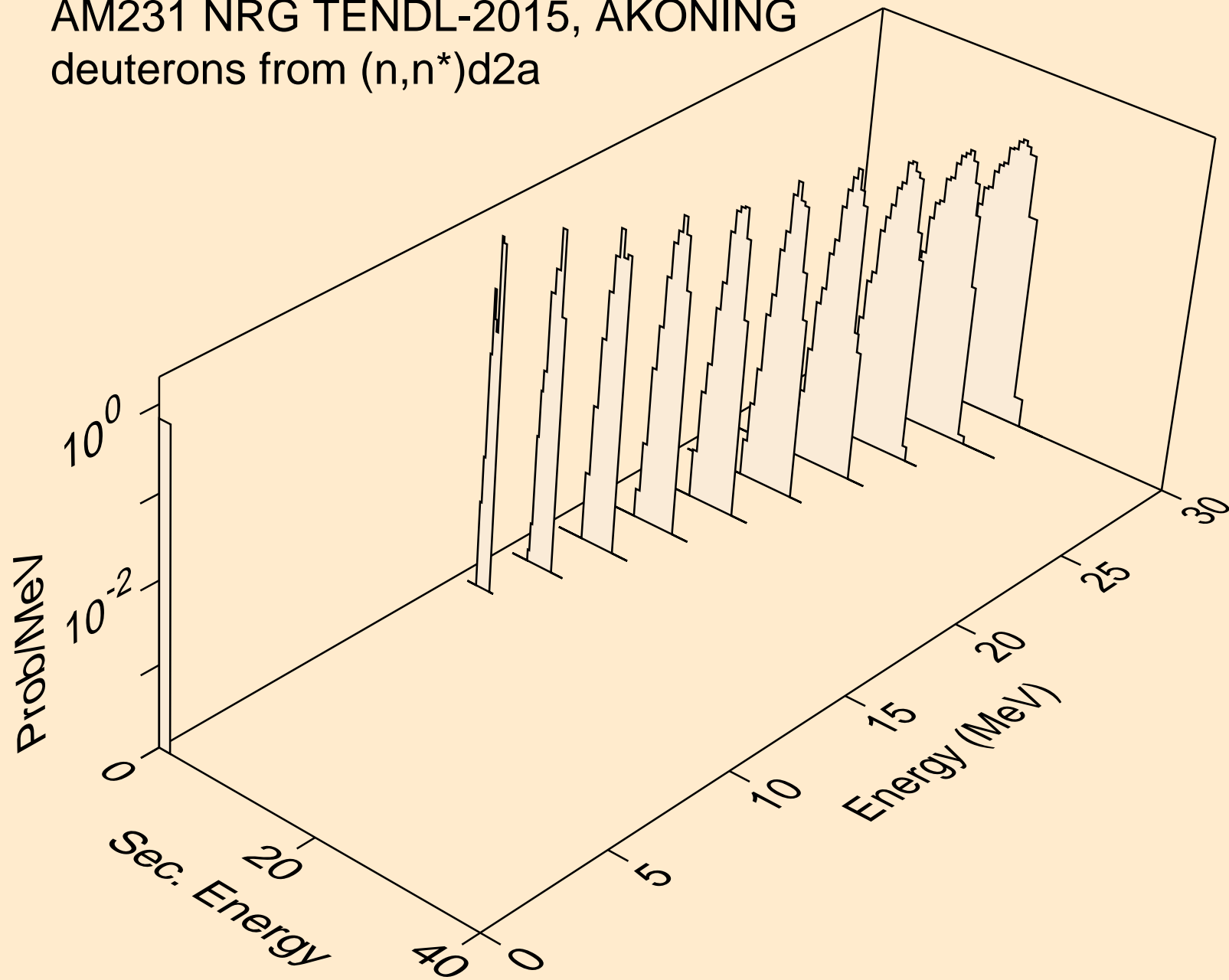
AM231 NRG TENDL-2015, AKONING  
deuterons from (n,x)



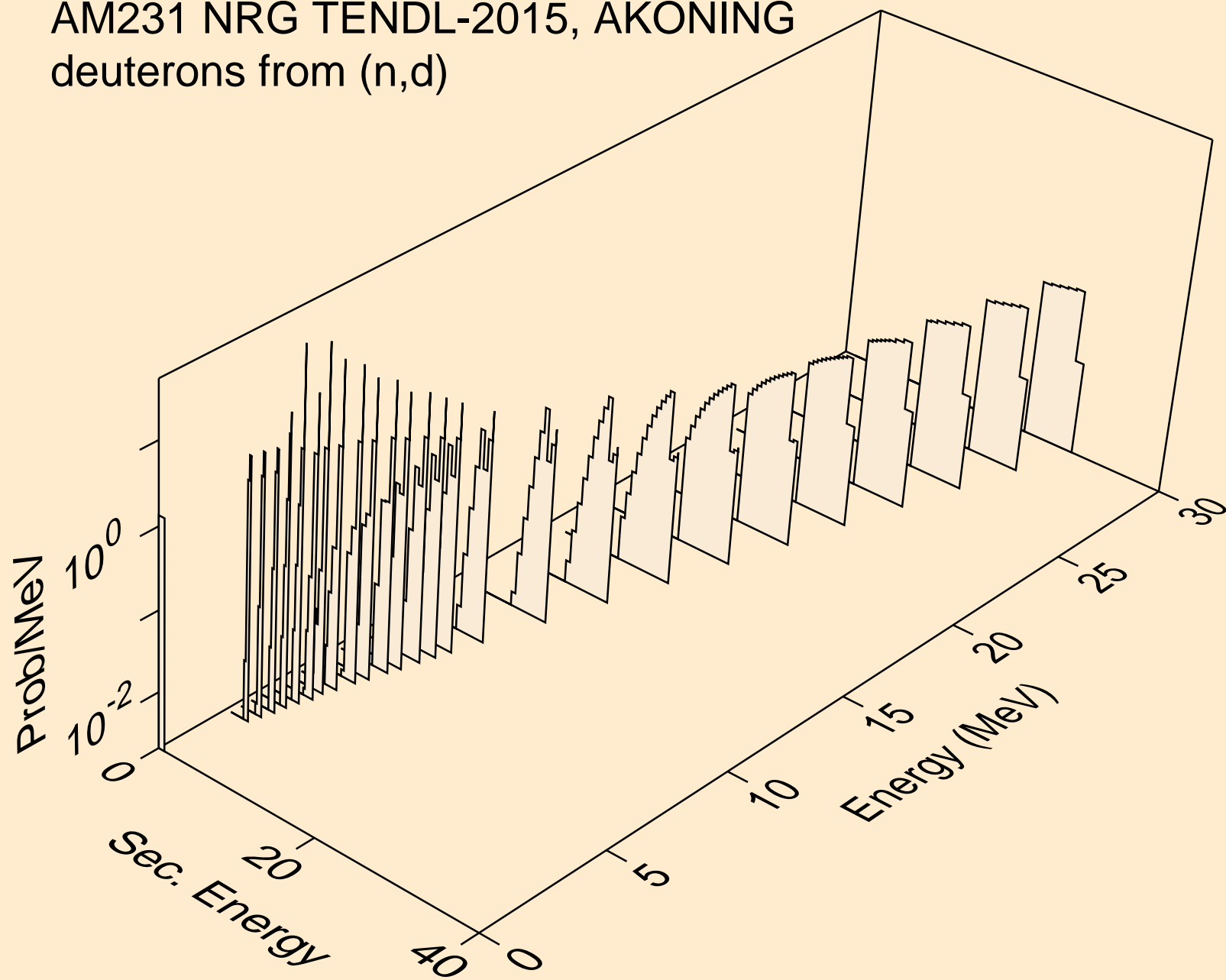
AM231 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



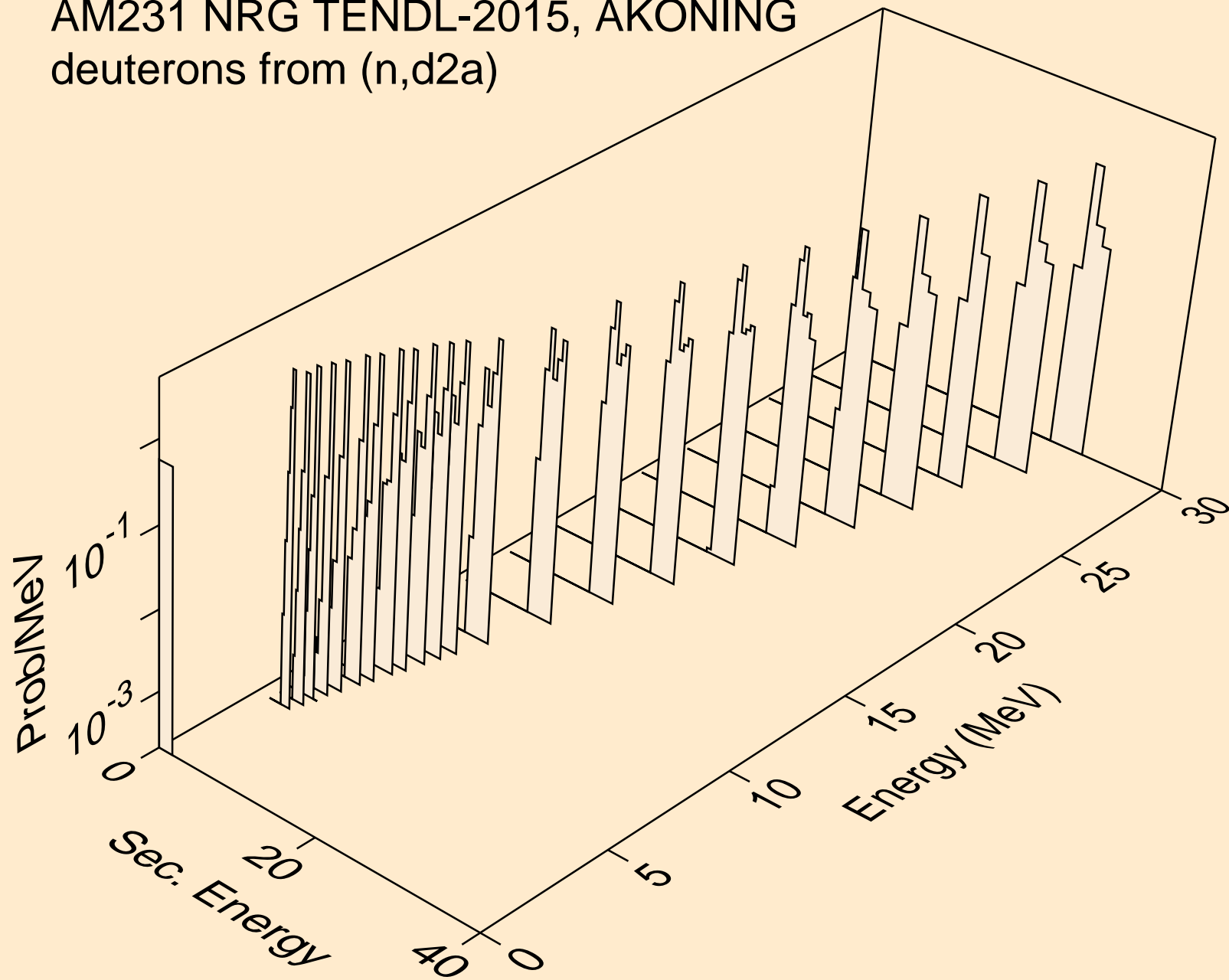
AM231 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



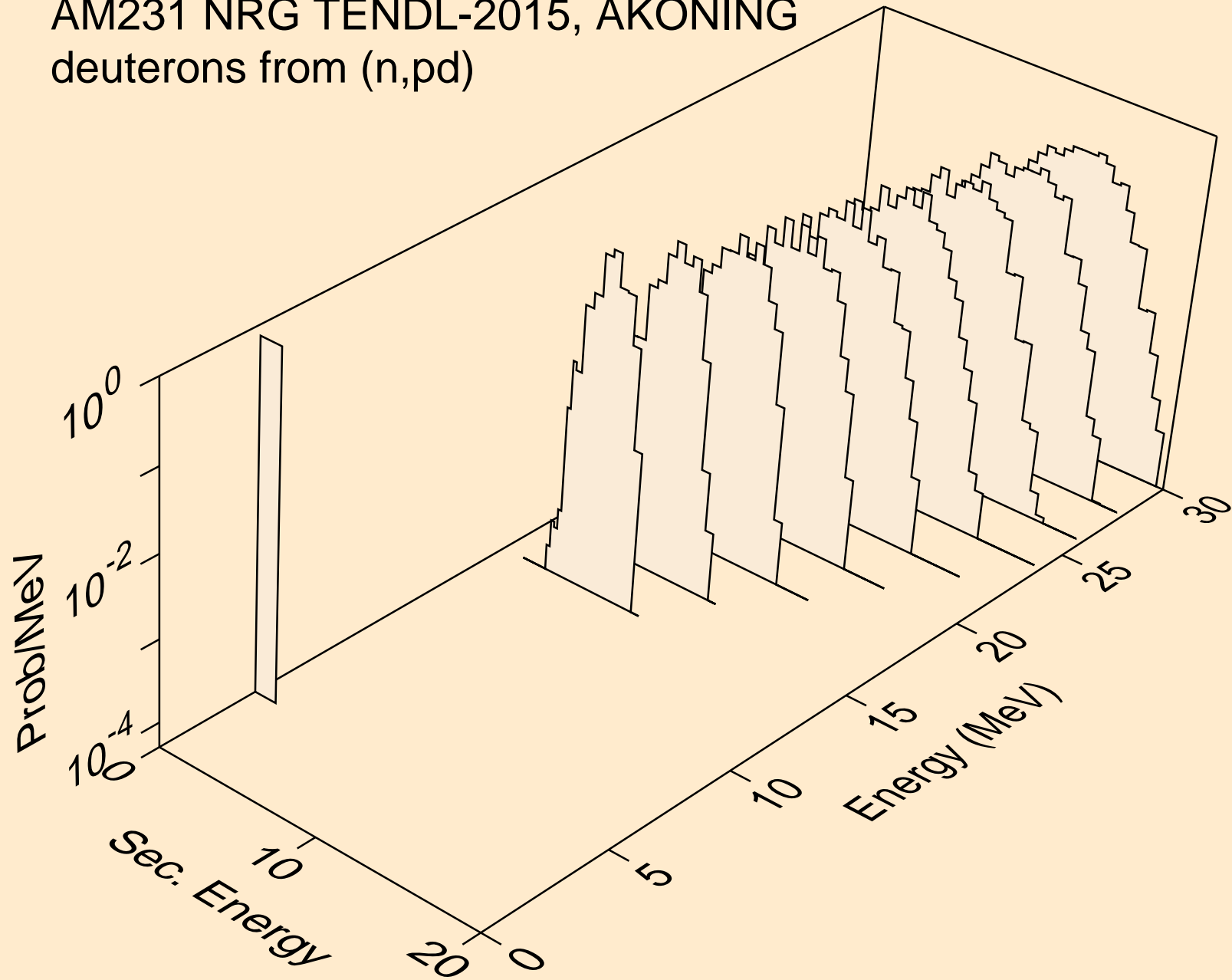
AM231 NRG TENDL-2015, AKONING  
deuterons from (n,d)



AM231 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

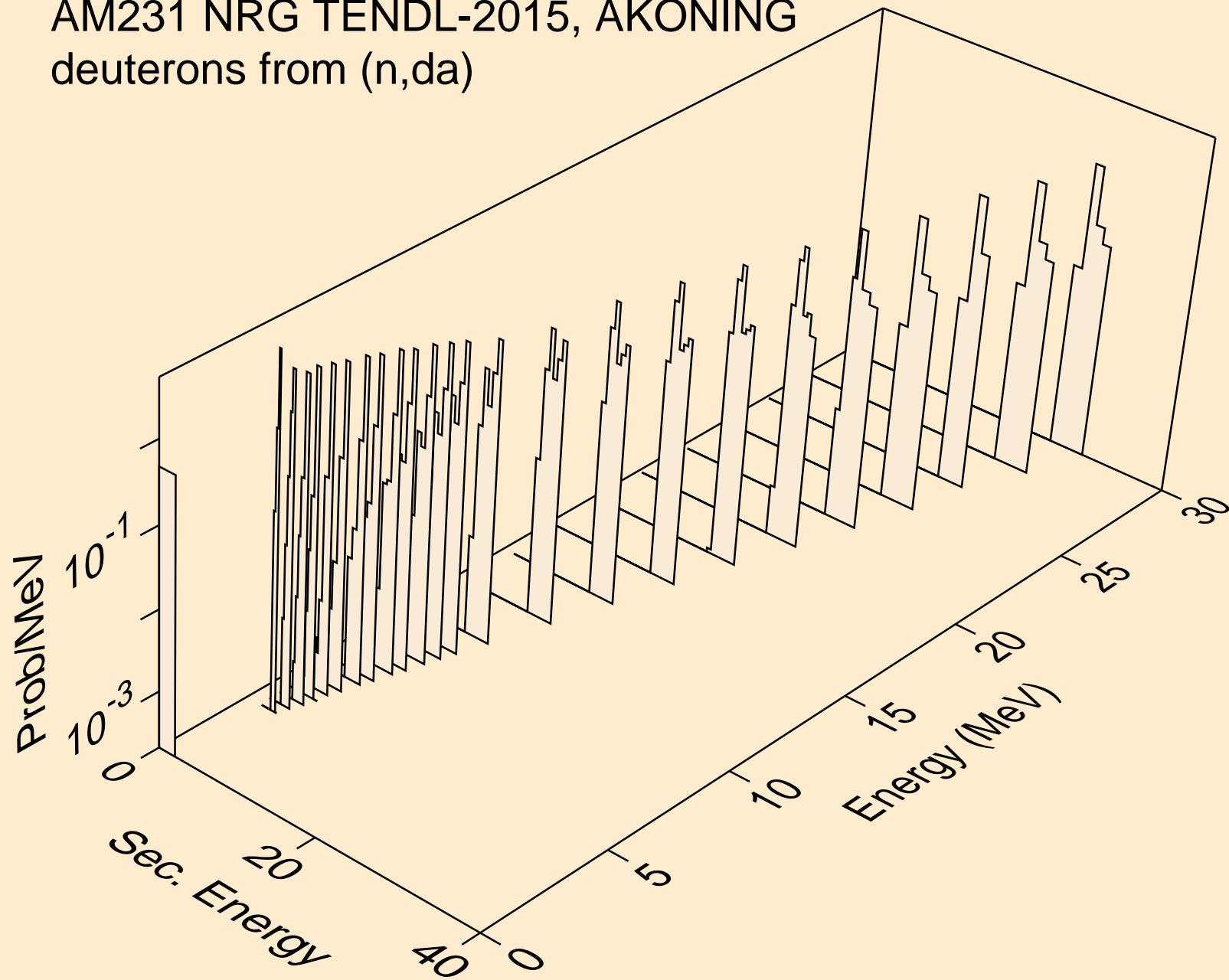


AM231 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

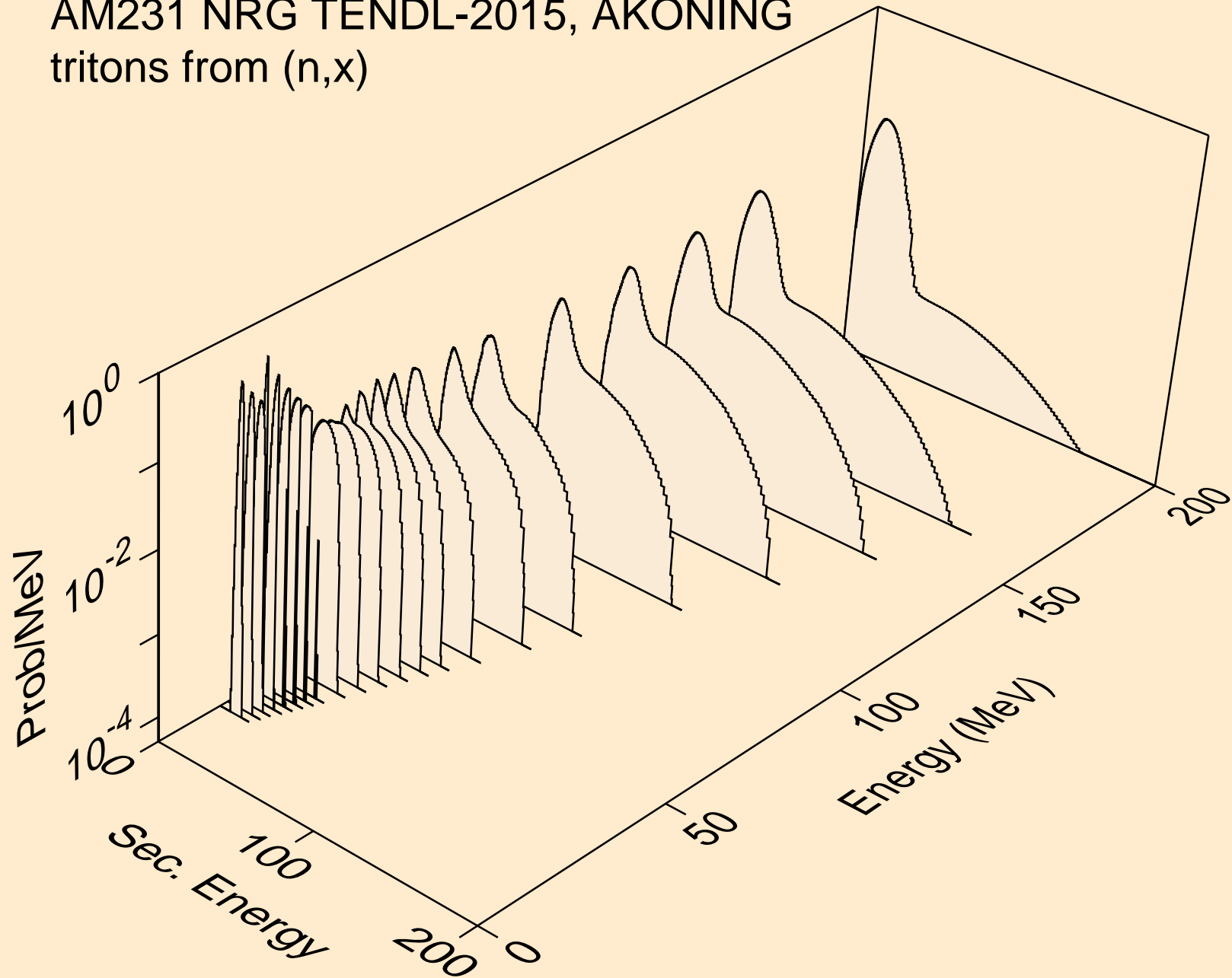




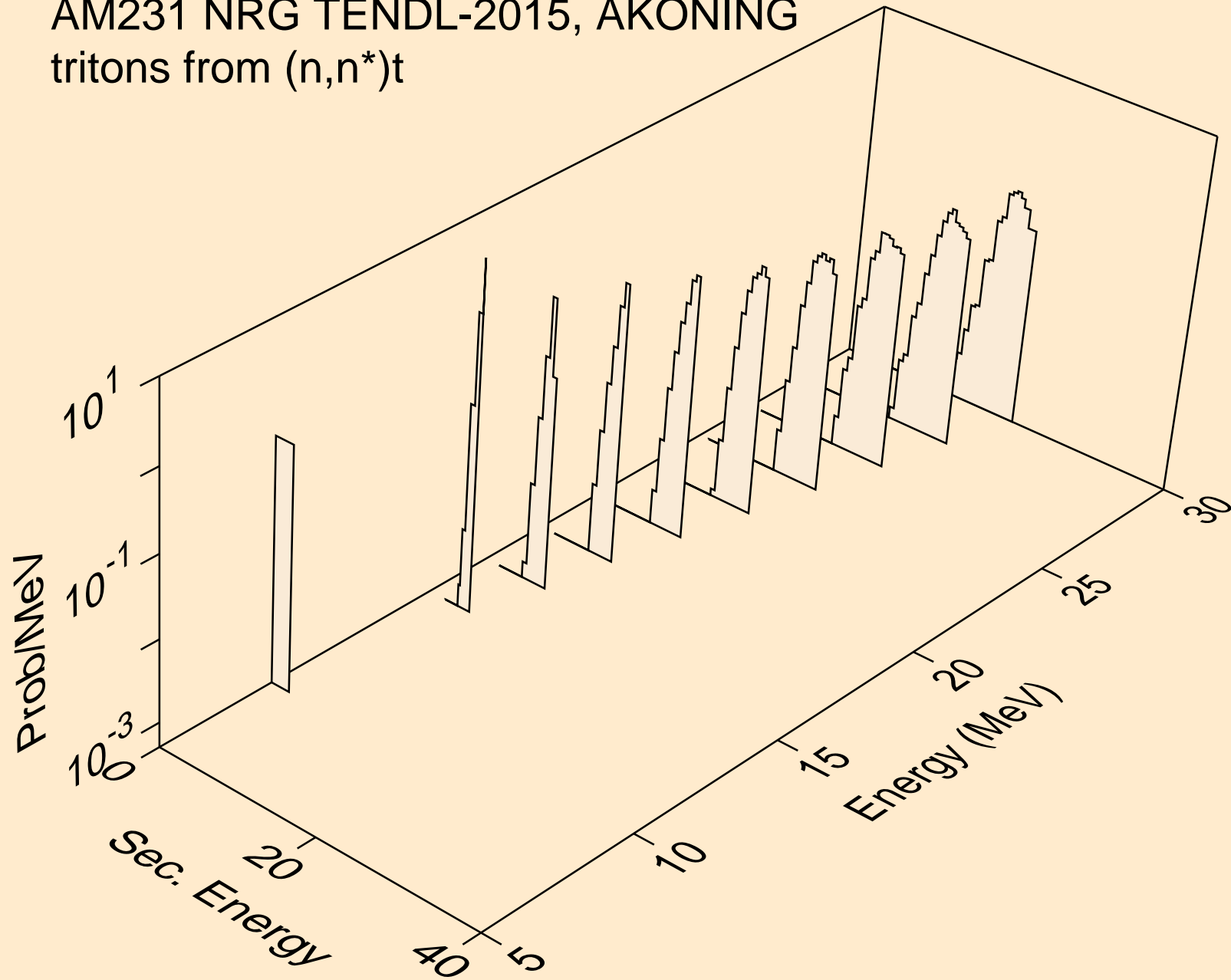
AM231 NRG TENDL-2015, AKONING  
deuterons from (n,da)



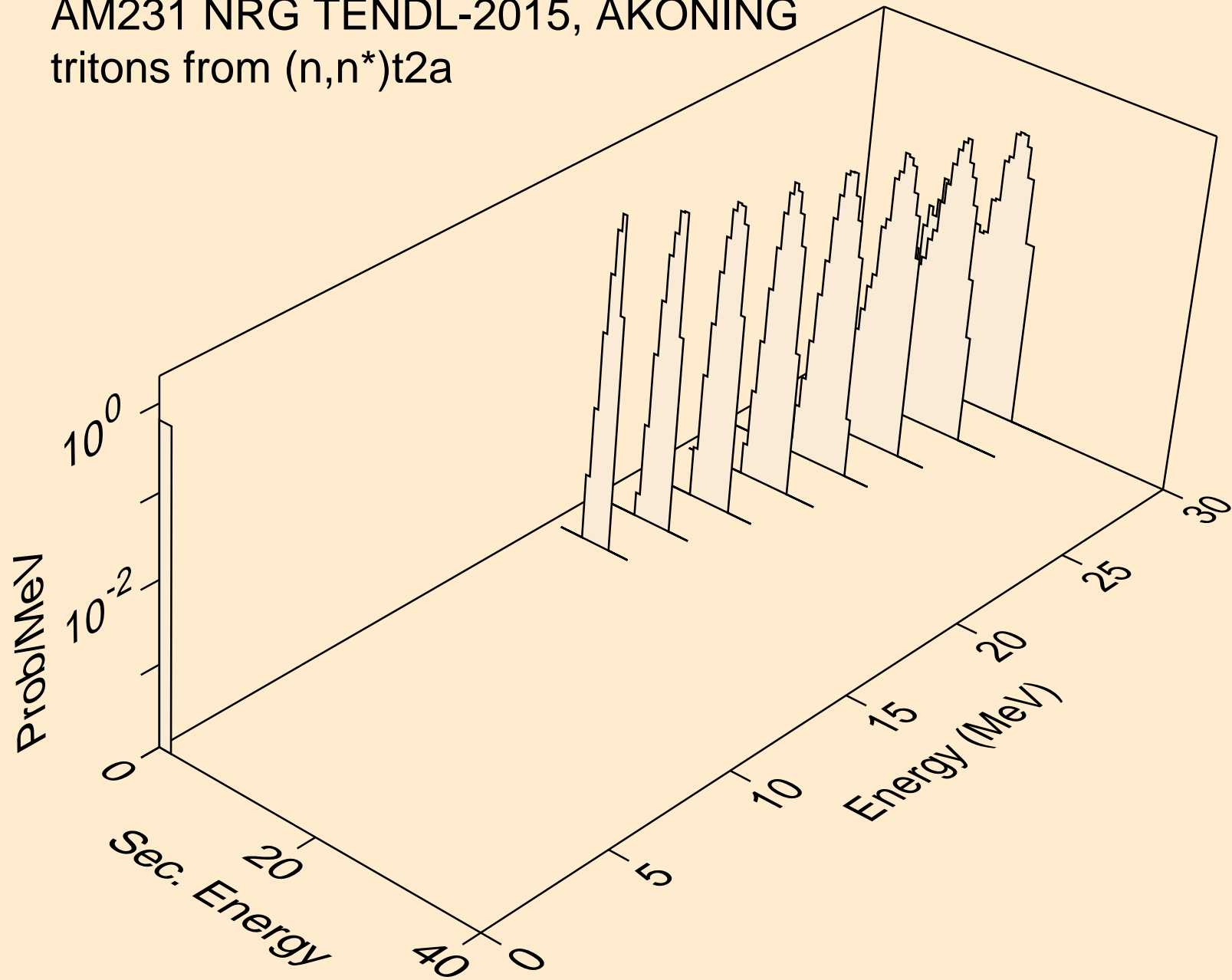
AM231 NRG TENDL-2015, AKONING  
tritons from (n,x)



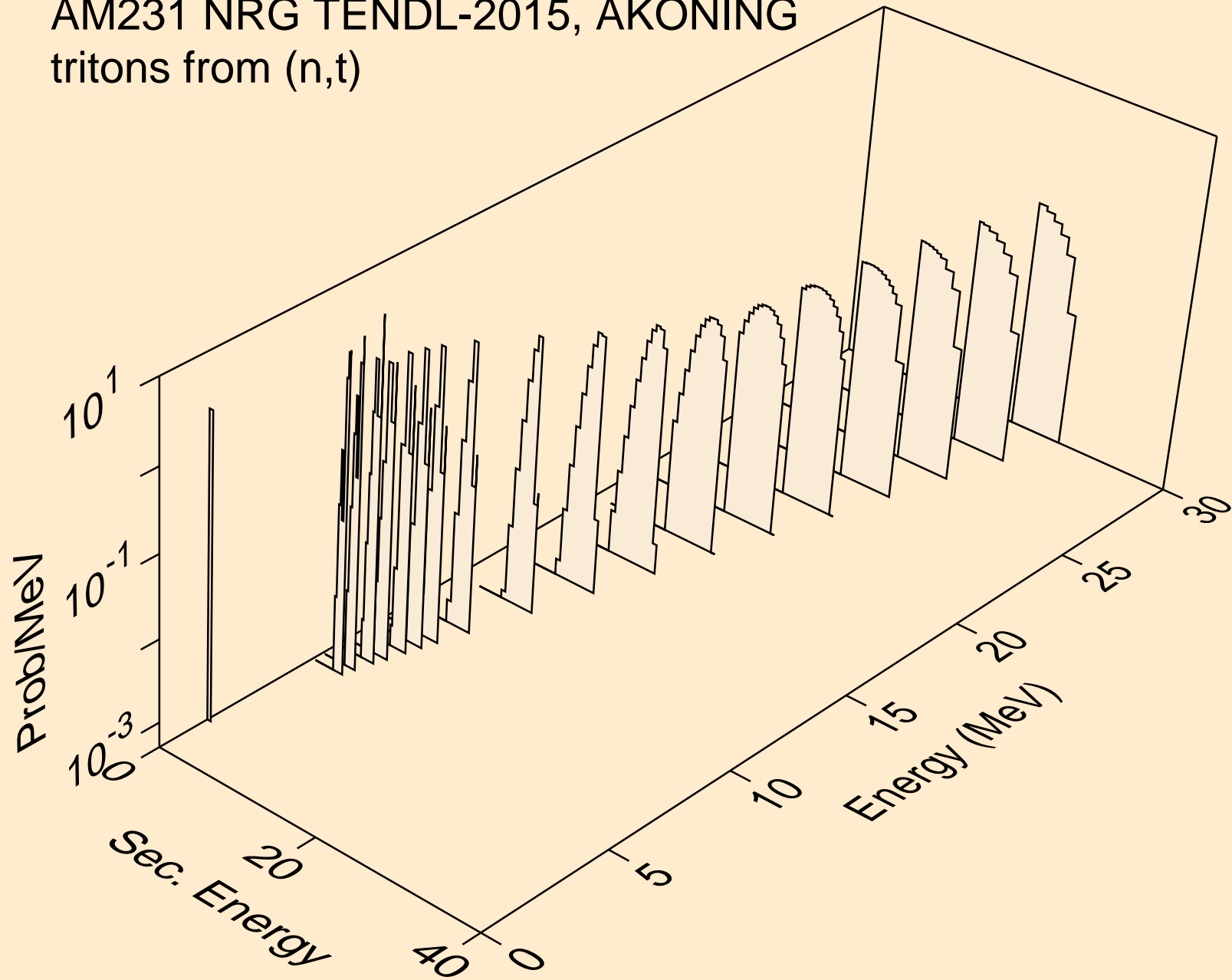
AM231 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



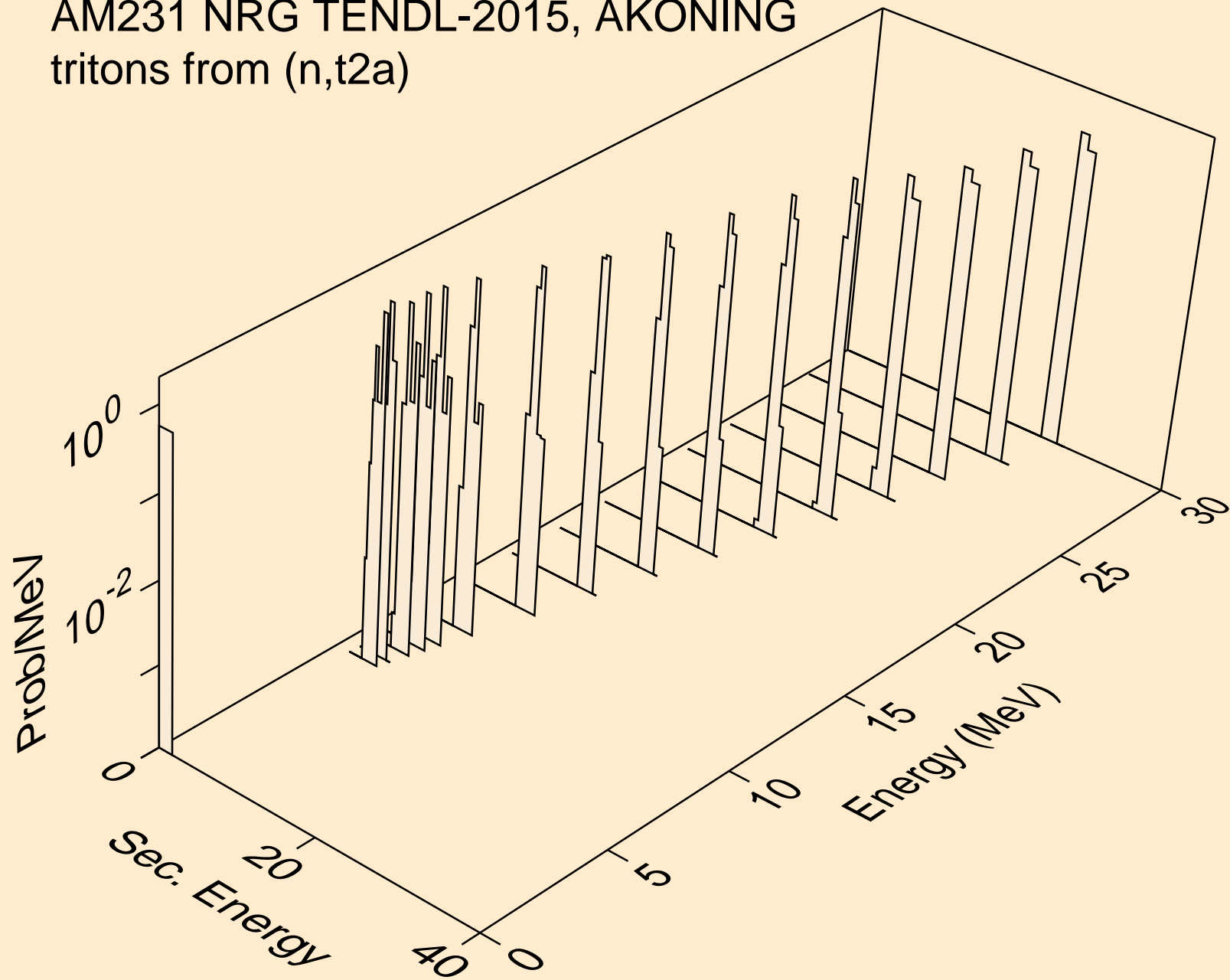
AM231 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



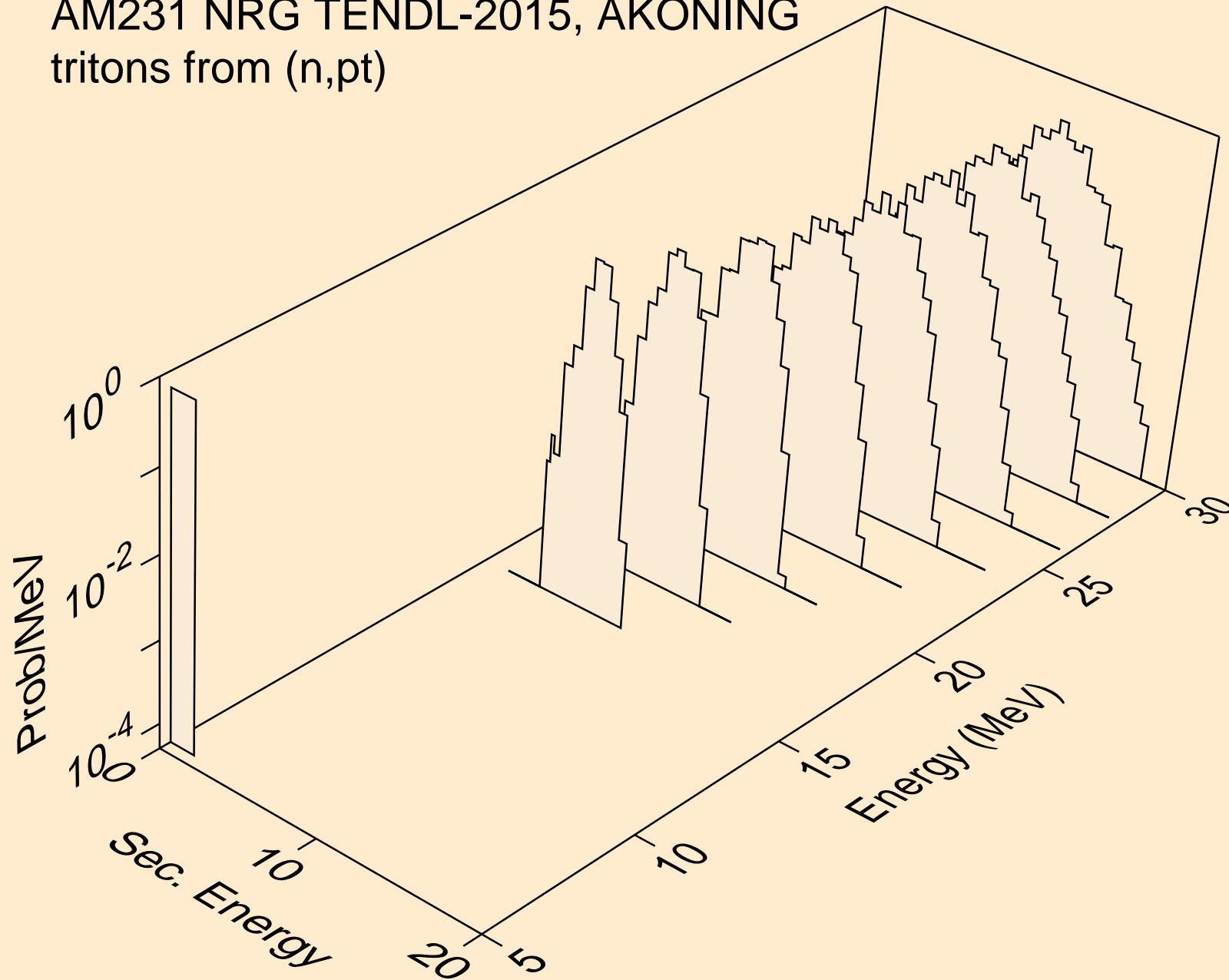
AM231 NRG TENDL-2015, AKONING  
tritons from (n,t)



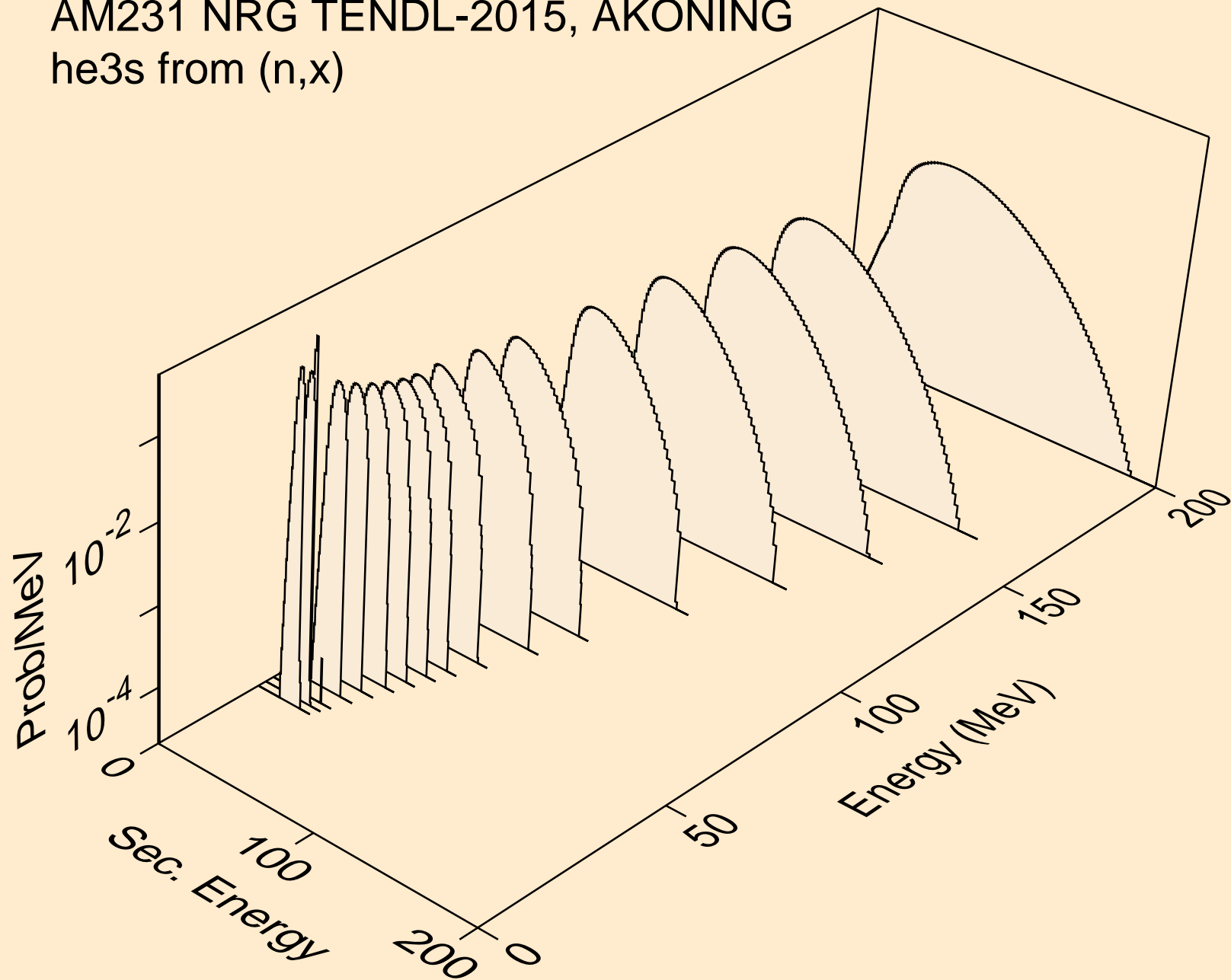
AM231 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



AM231 NRG TENDL-2015, AKONING  
tritons from (n,pt)

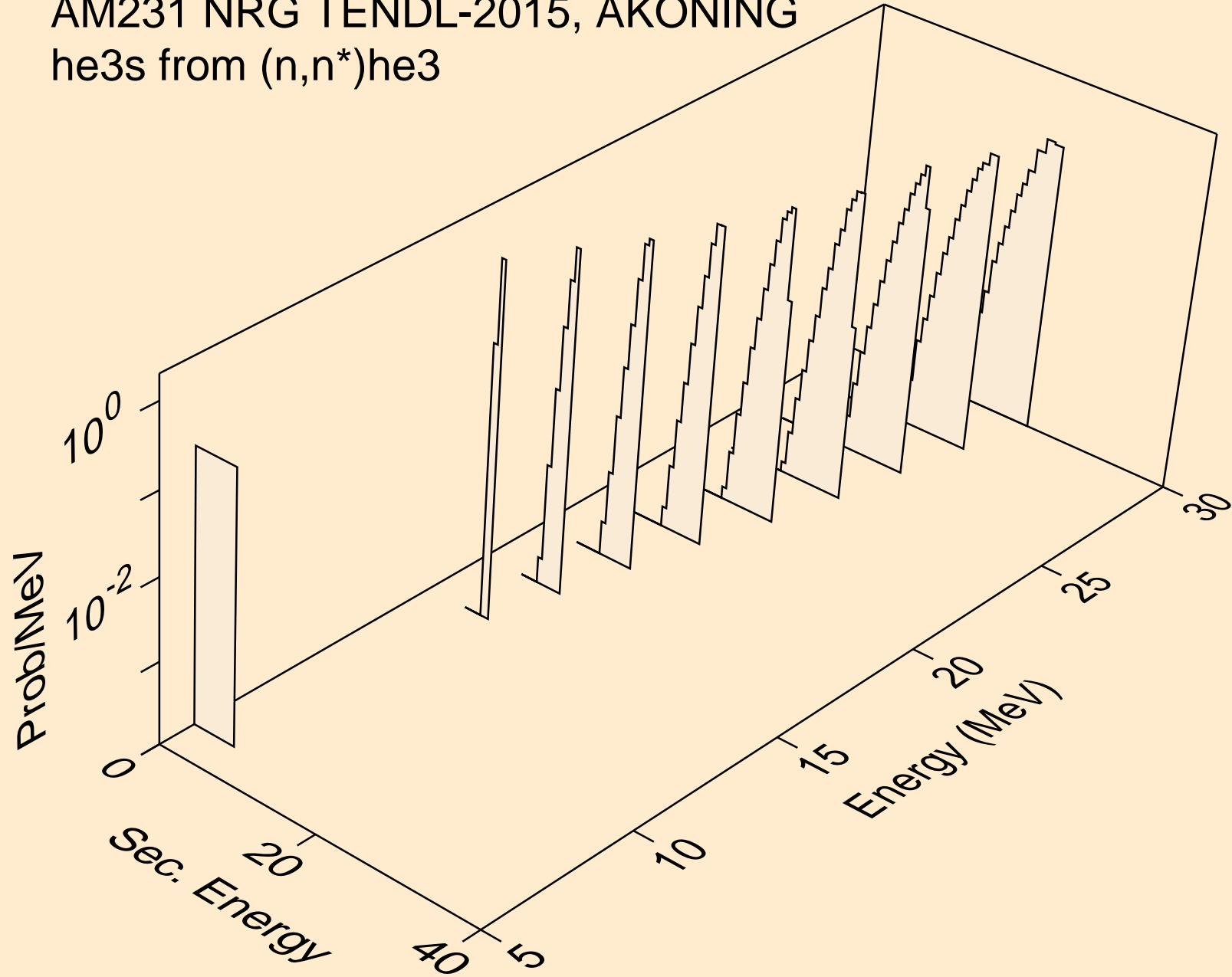


AM231 NRG TENDL-2015, AKONING  
he3s from (n,x)

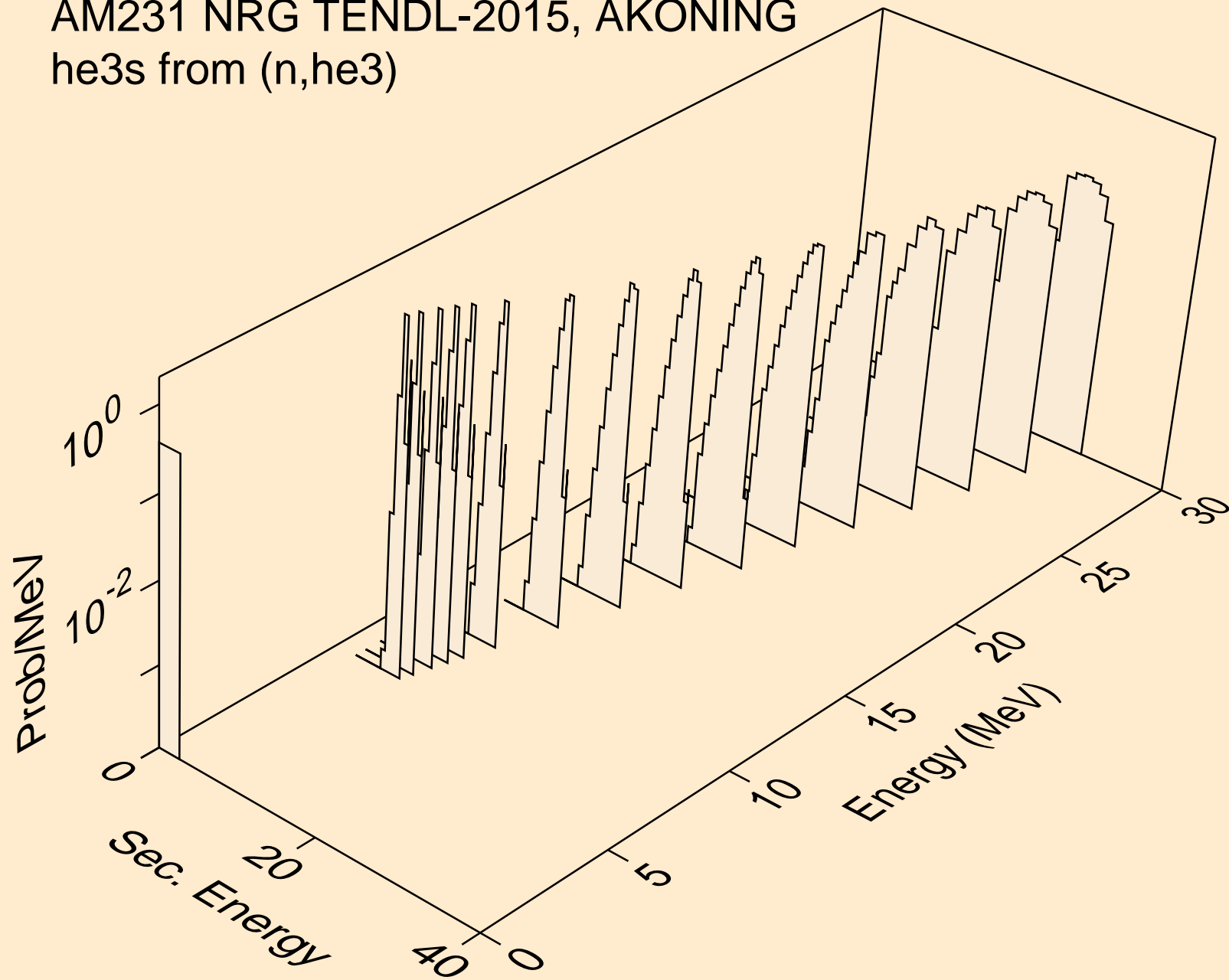




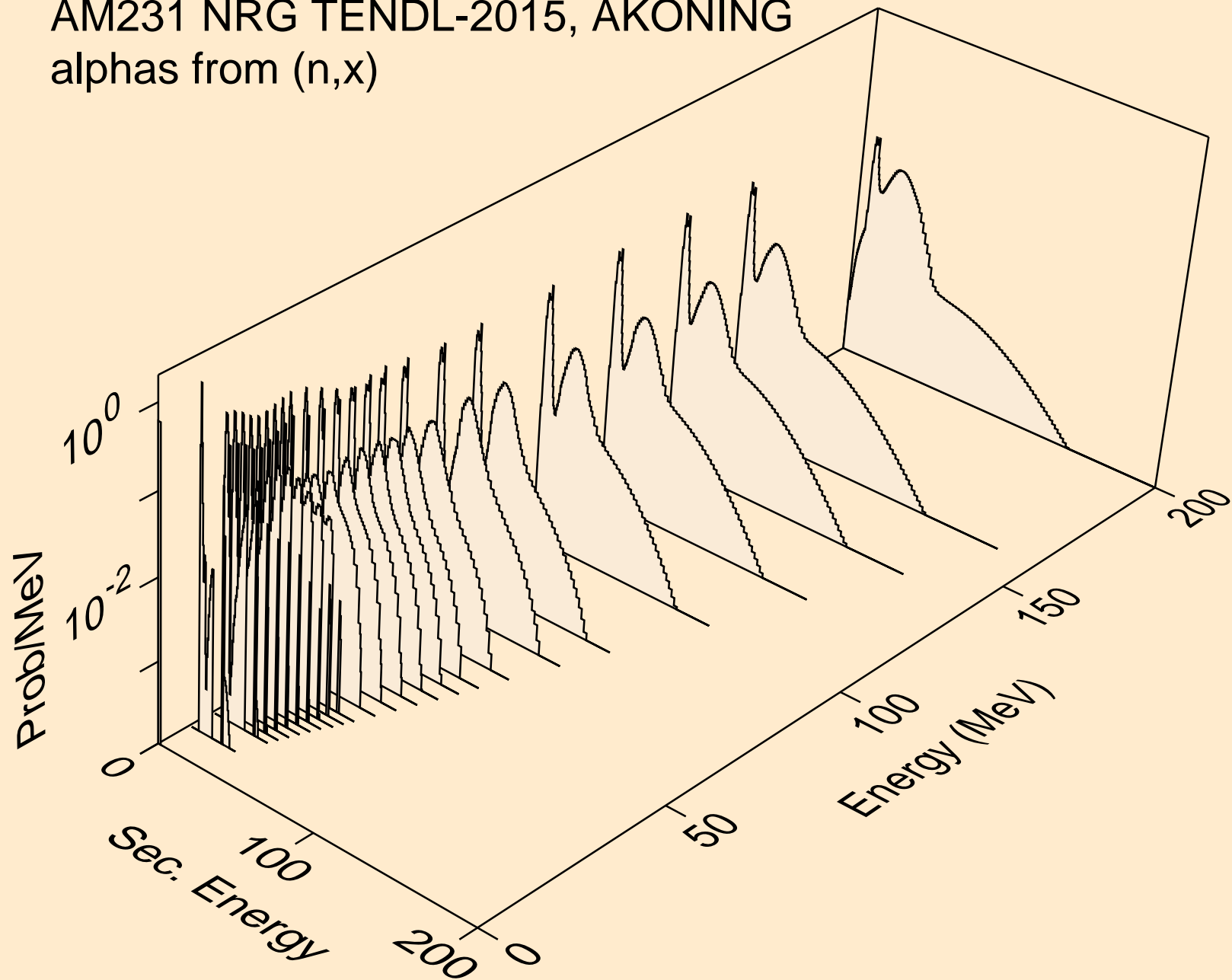
AM231 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



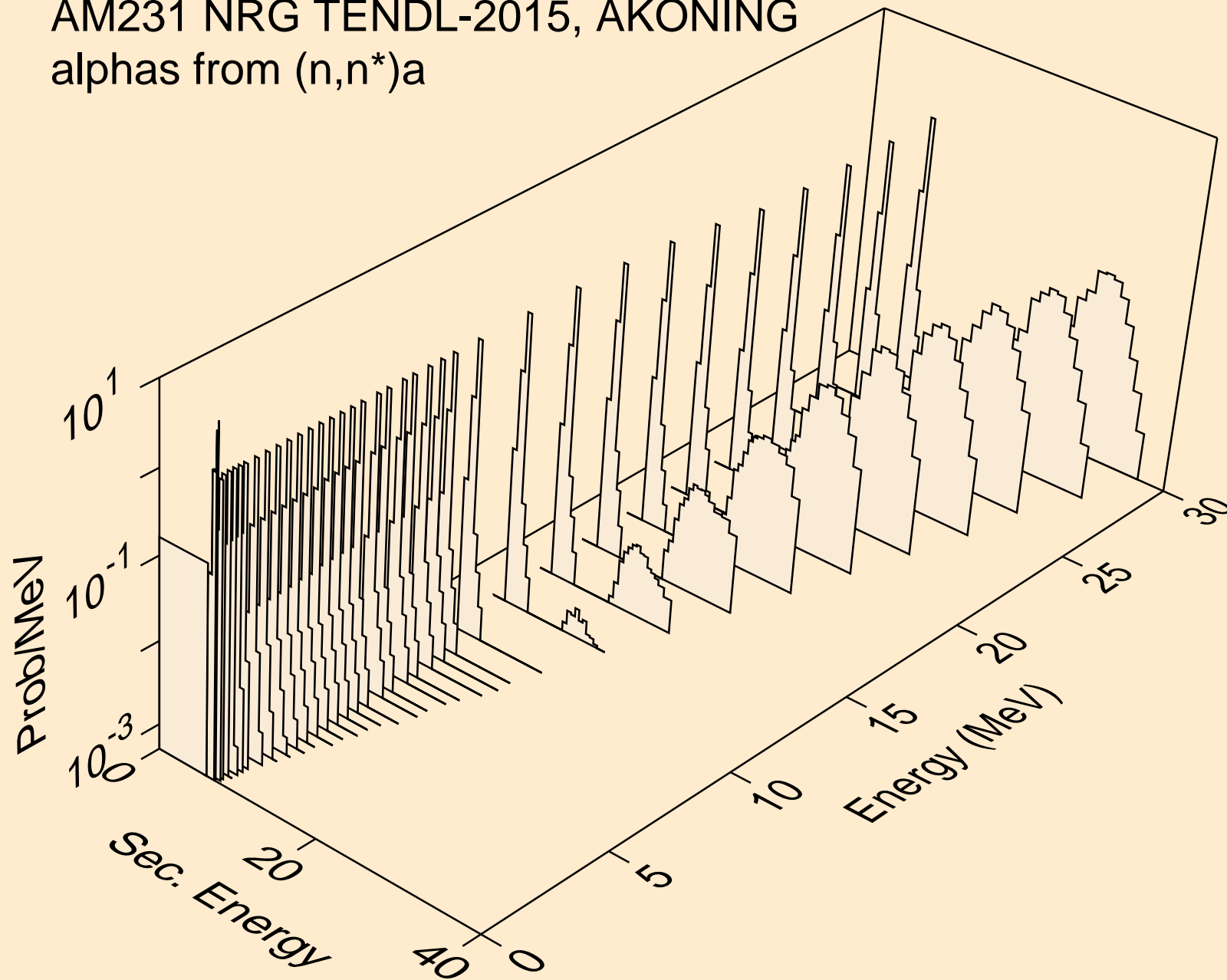
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he3s from (n,he3)



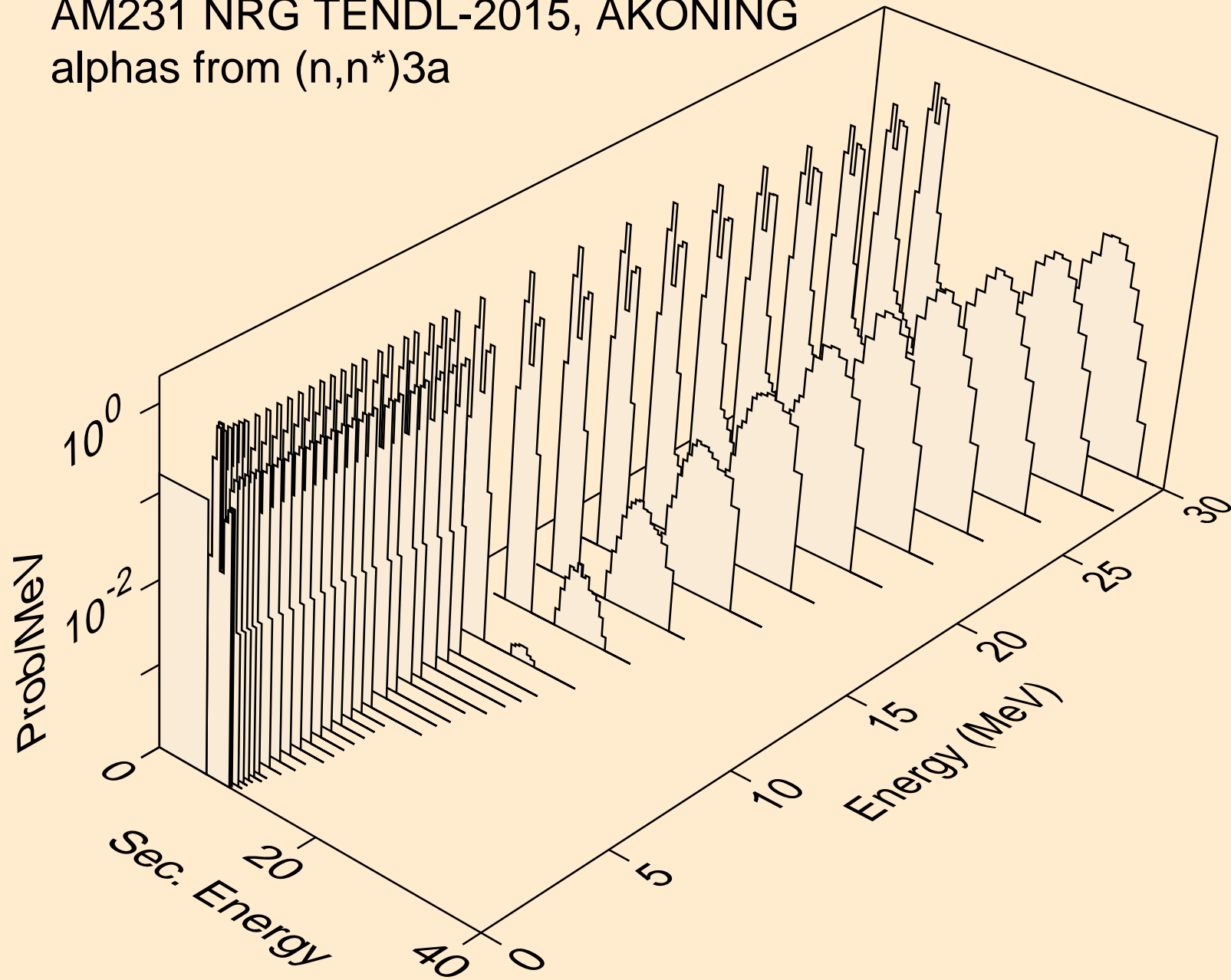
AM231 NRG TENDL-2015, AKONING  
alphas from (n,x)



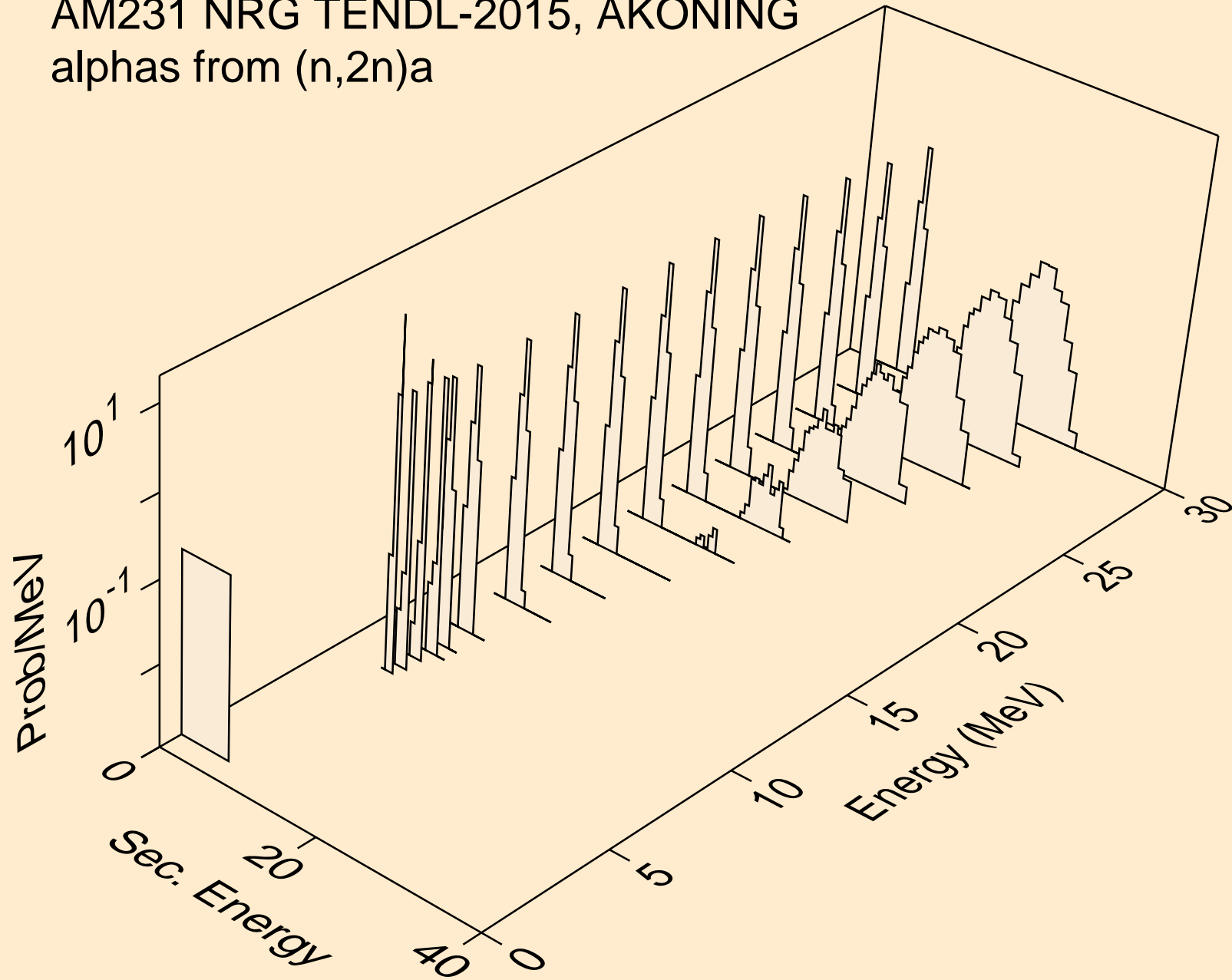
AM231 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



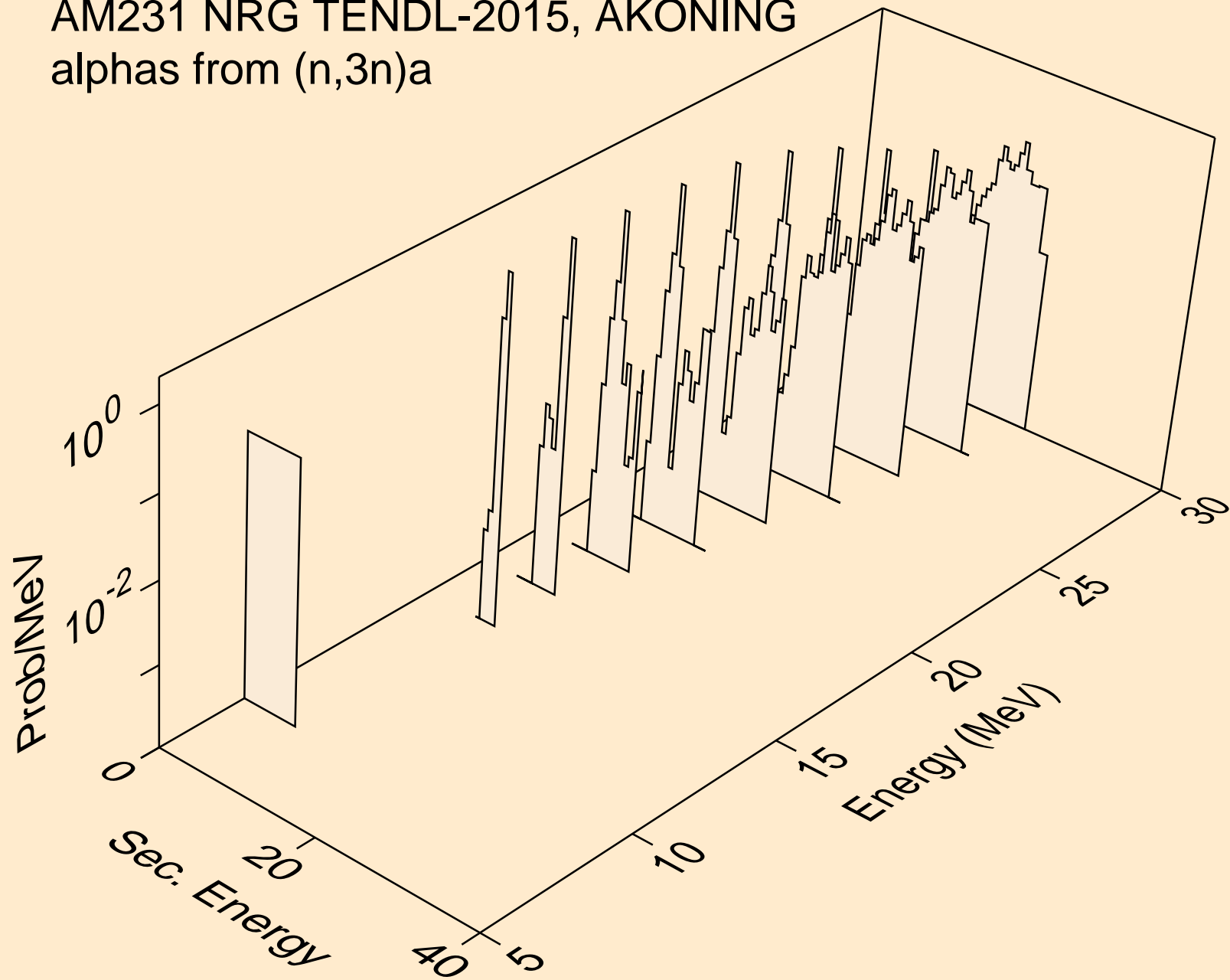
AM231 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



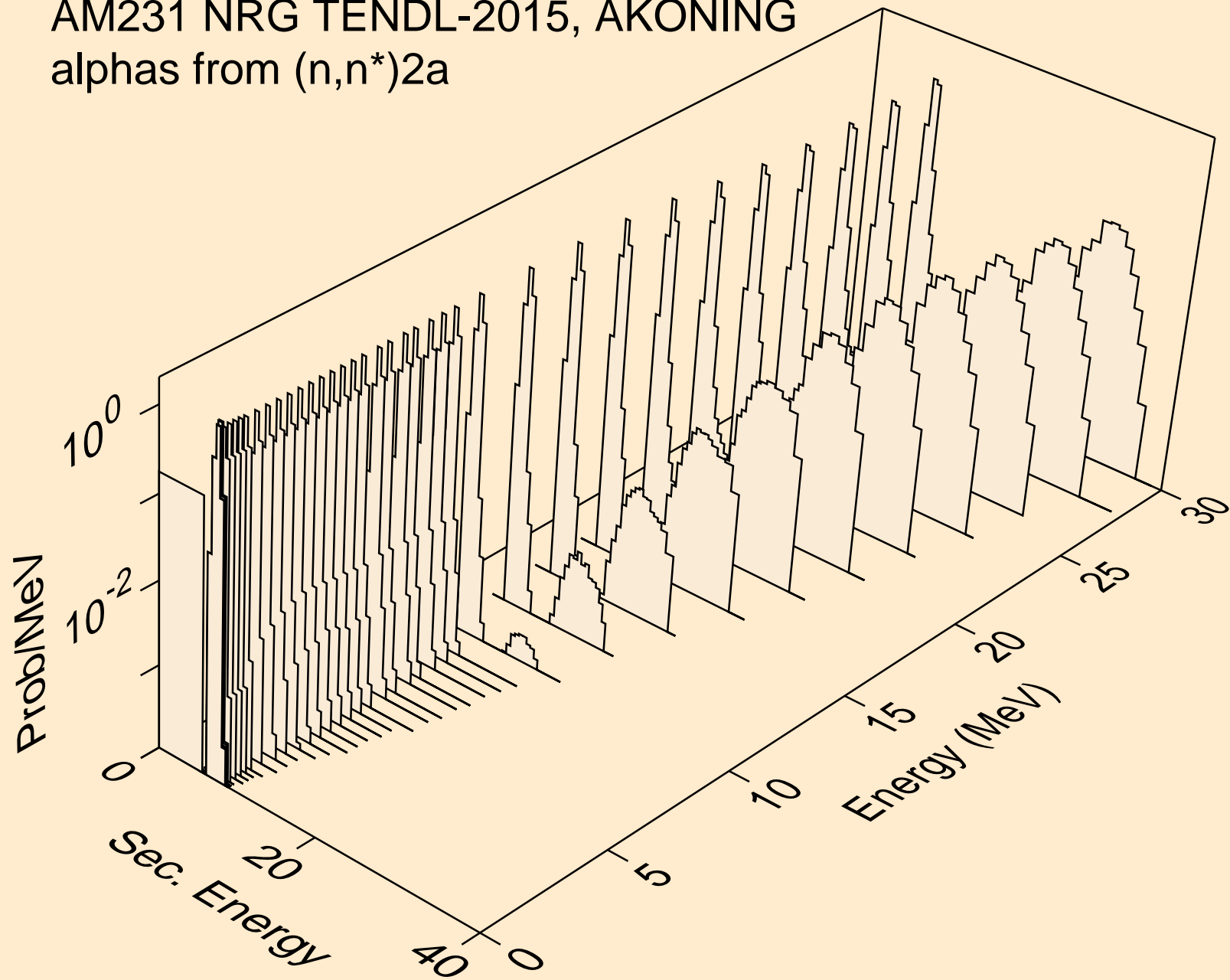
AM231 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



AM231 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

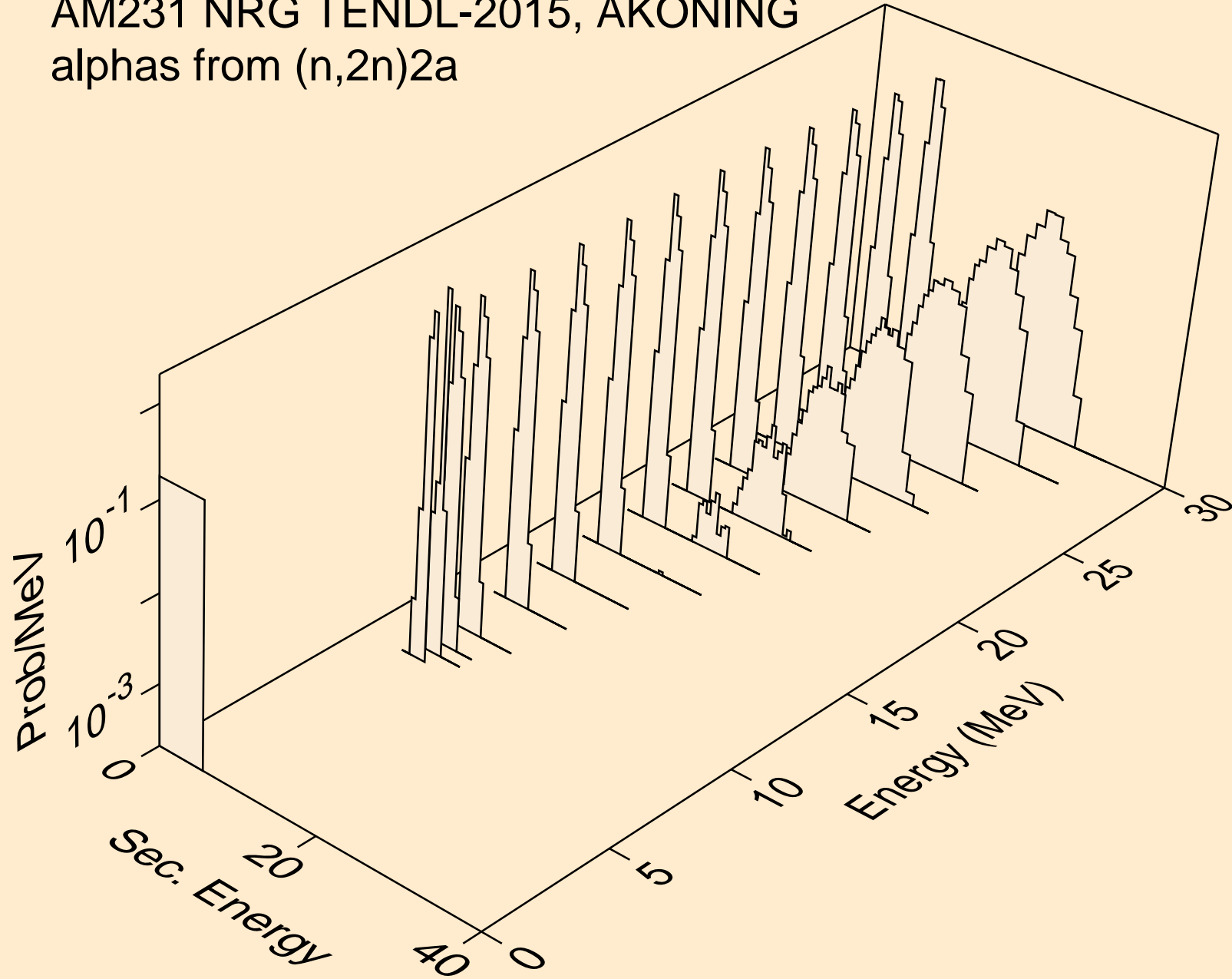


AM231 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

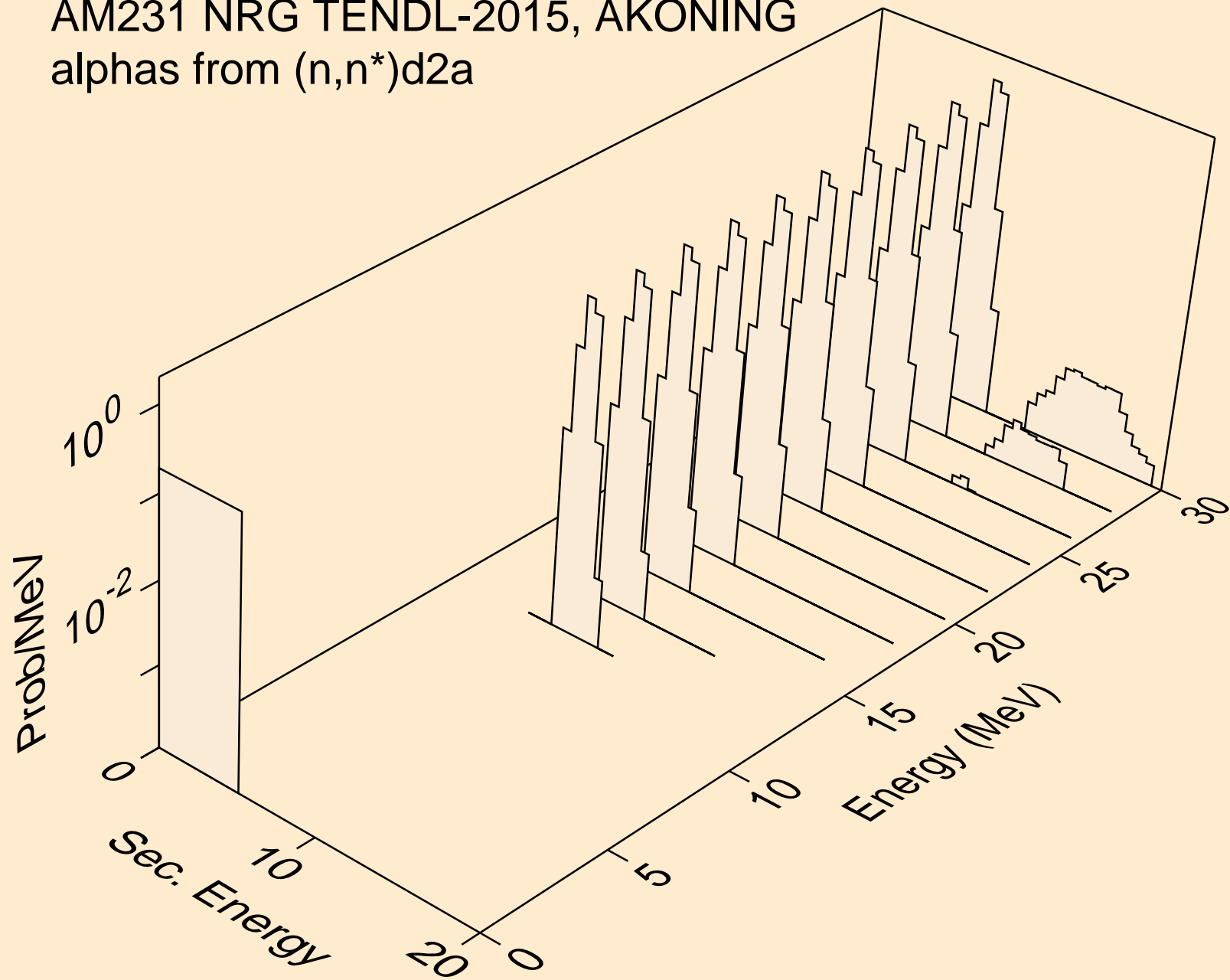




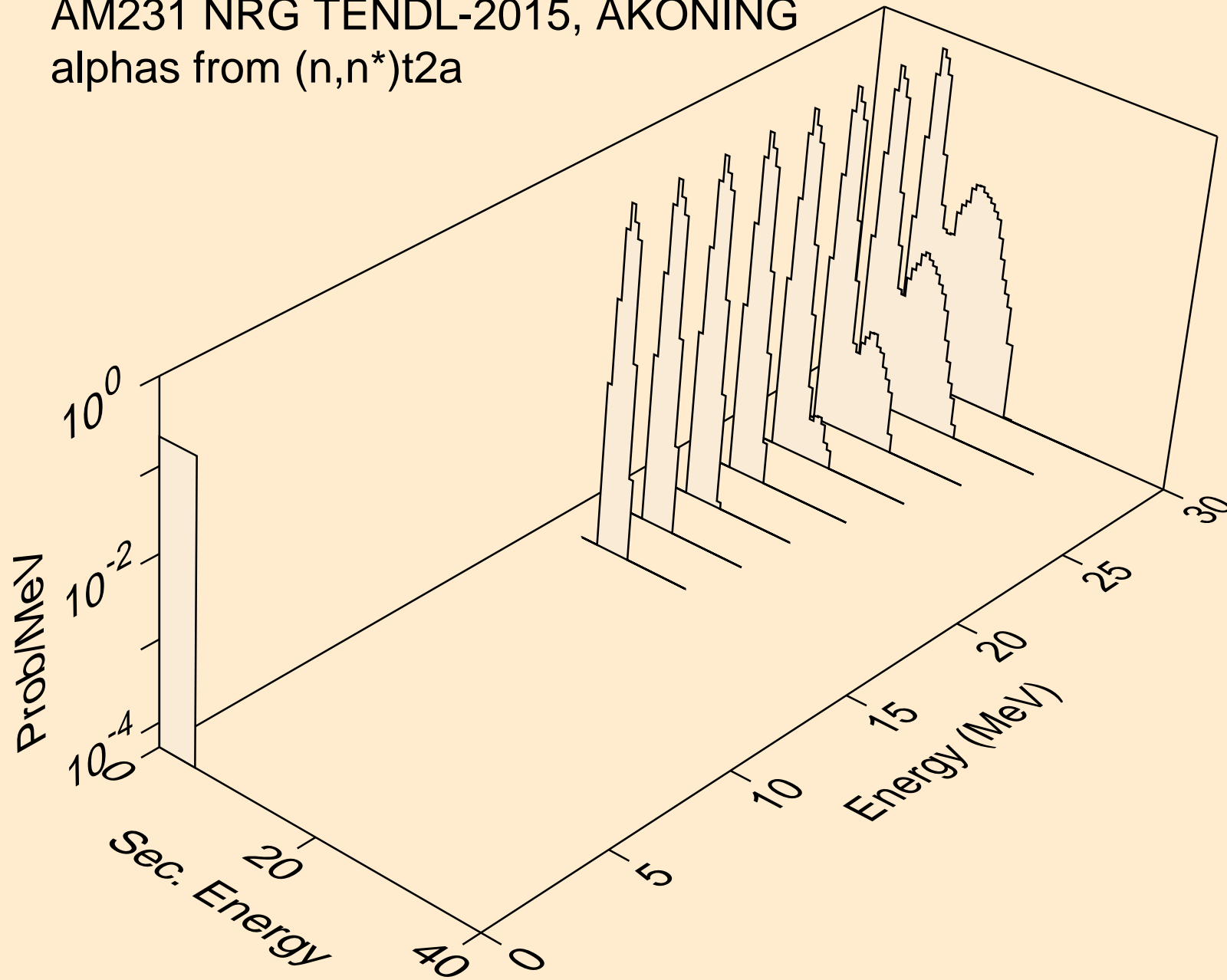
AM231 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



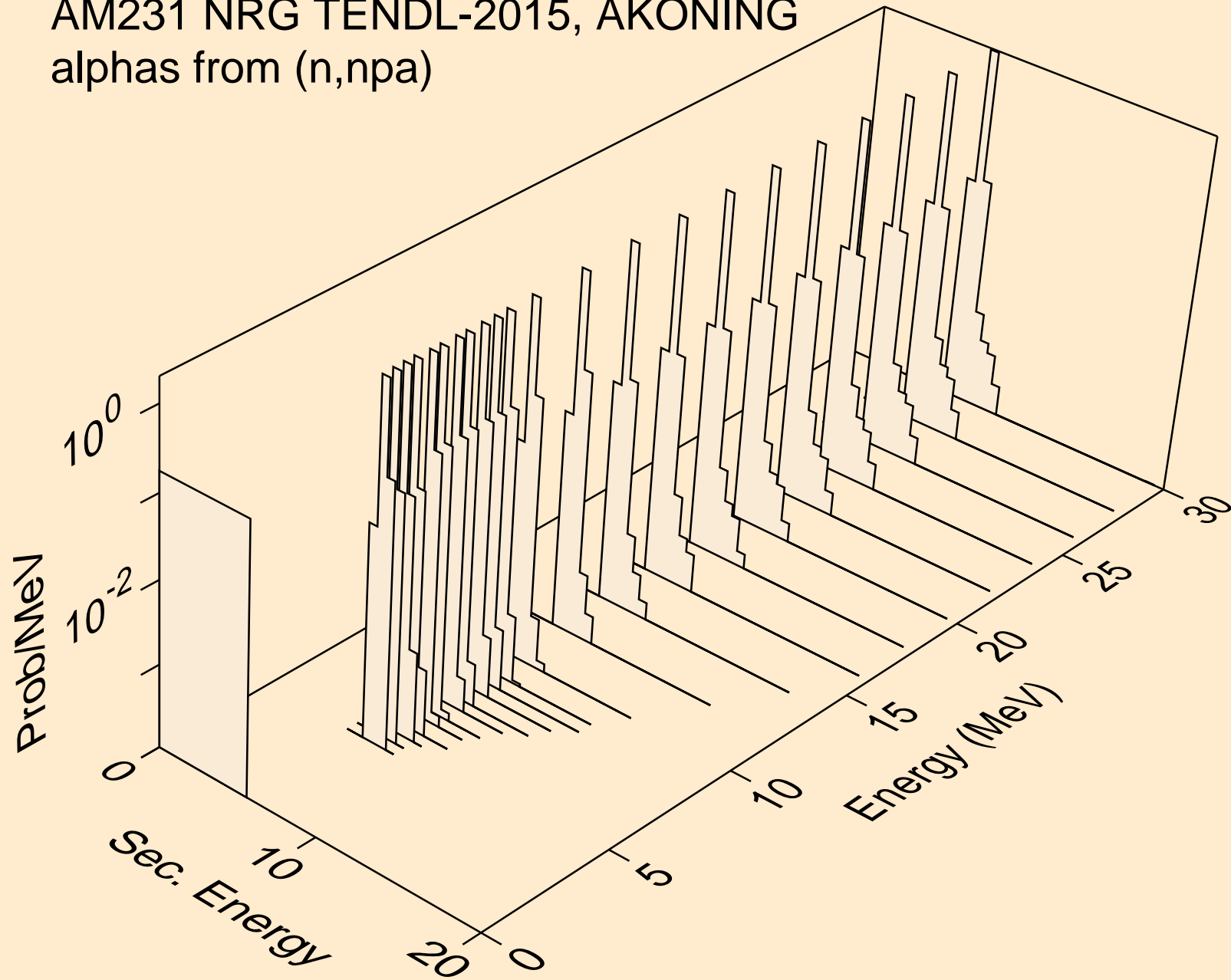
AM231 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a



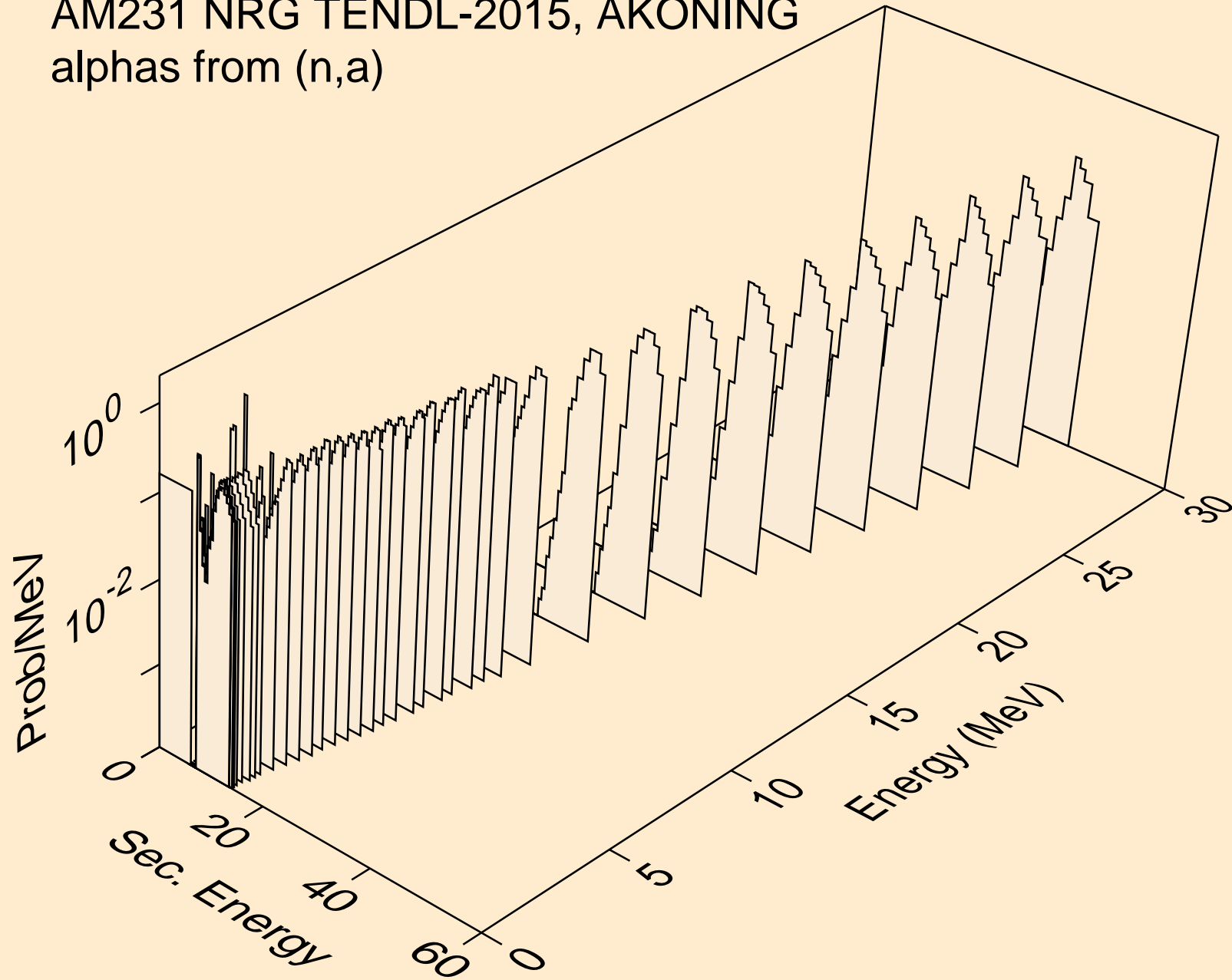
AM231 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



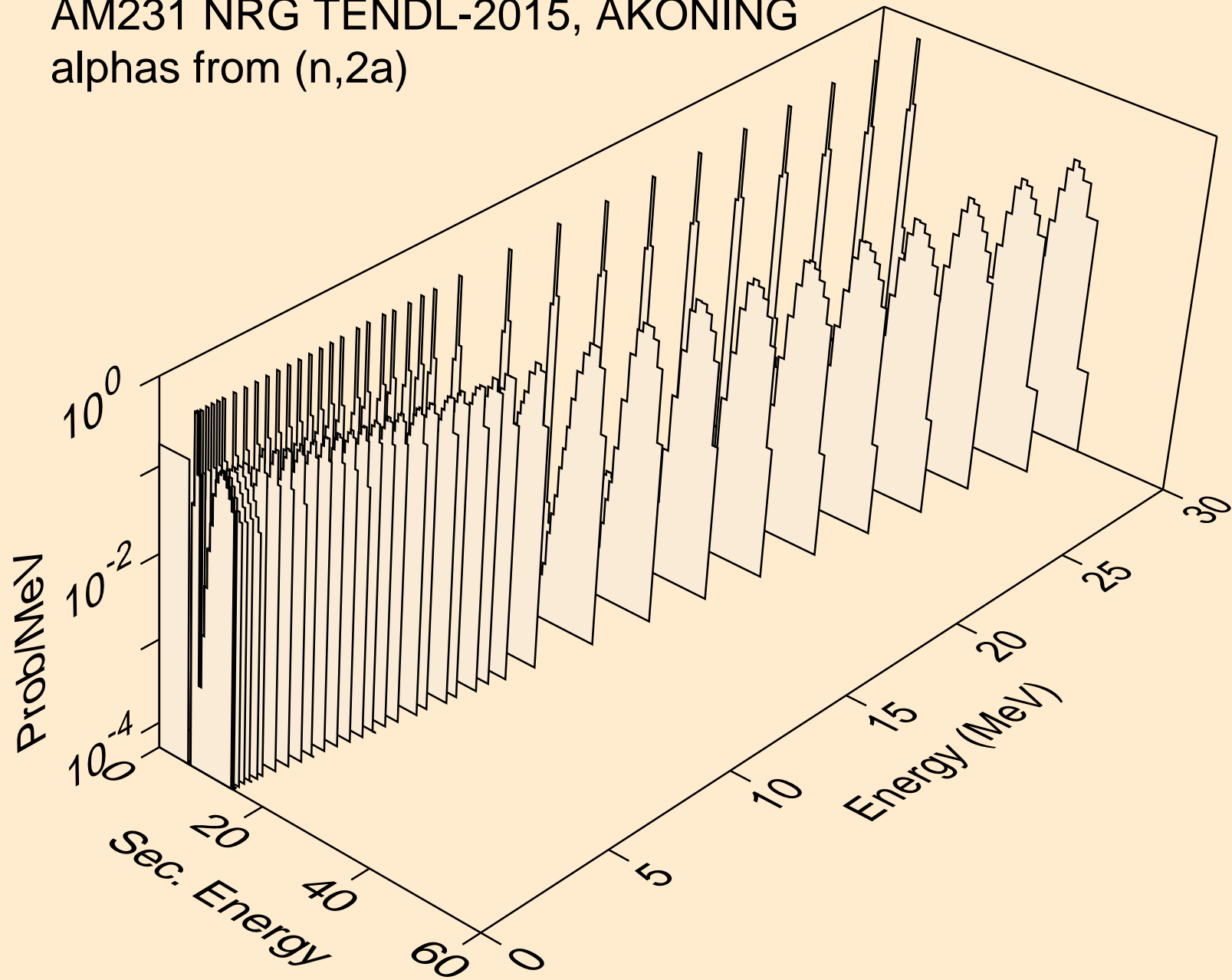
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alphas from (n,npa)



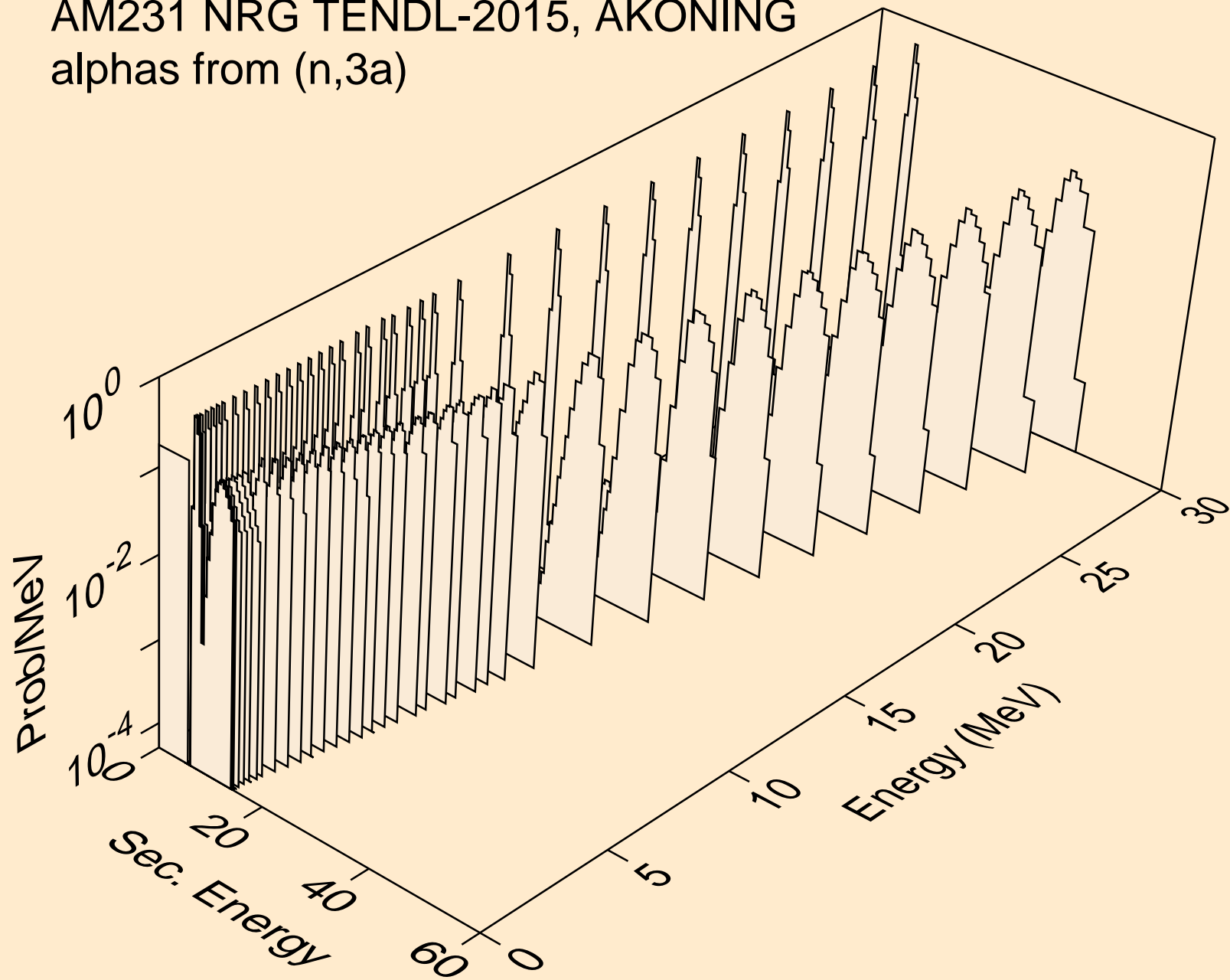
AM231 NRG TENDL-2015, AKONING  
alphas from (n,a)



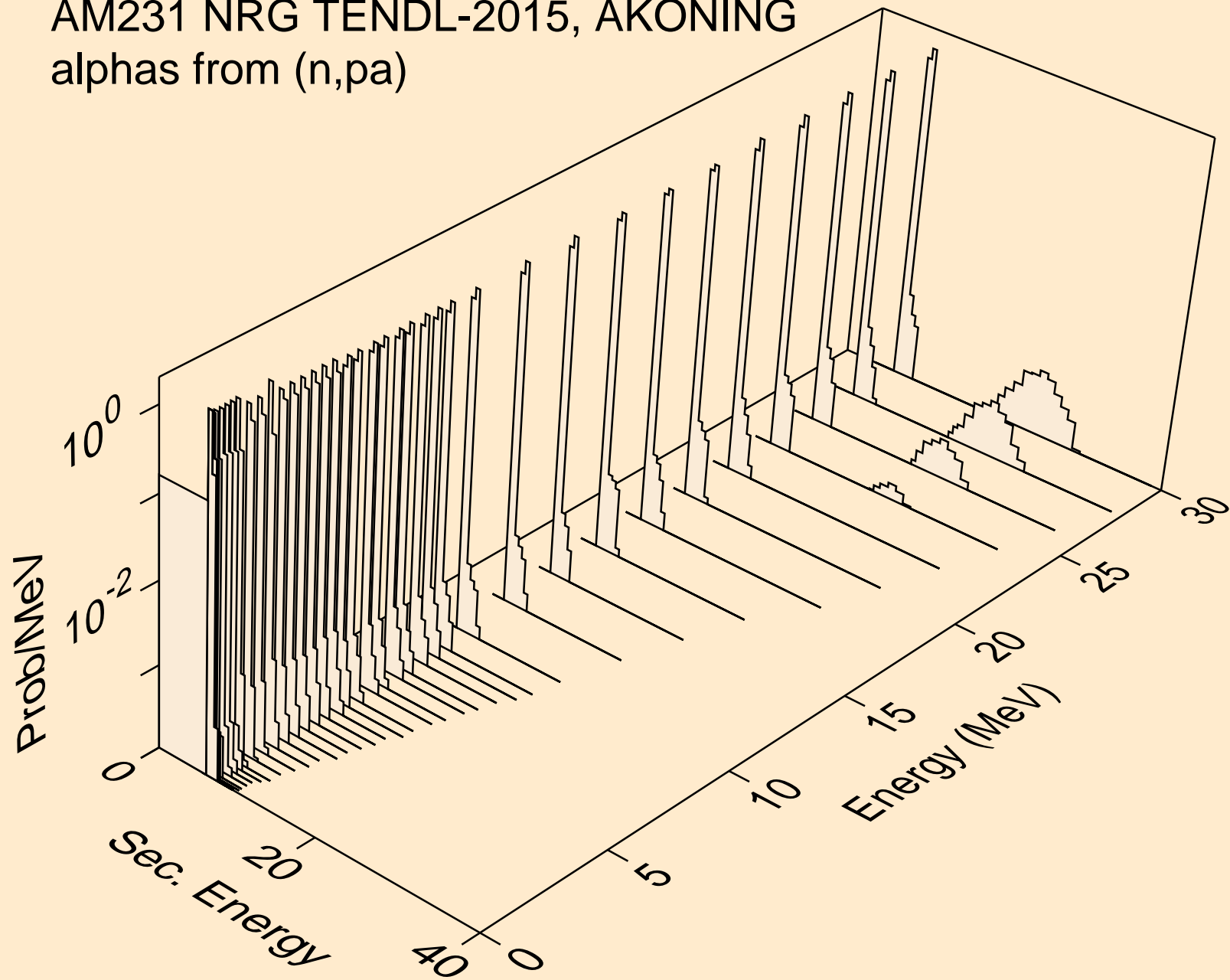
AM231 NRG TENDL-2015, AKONING  
alphas from (n,2a)



AM231 NRG TENDL-2015, AKONING  
alphas from (n,3a)

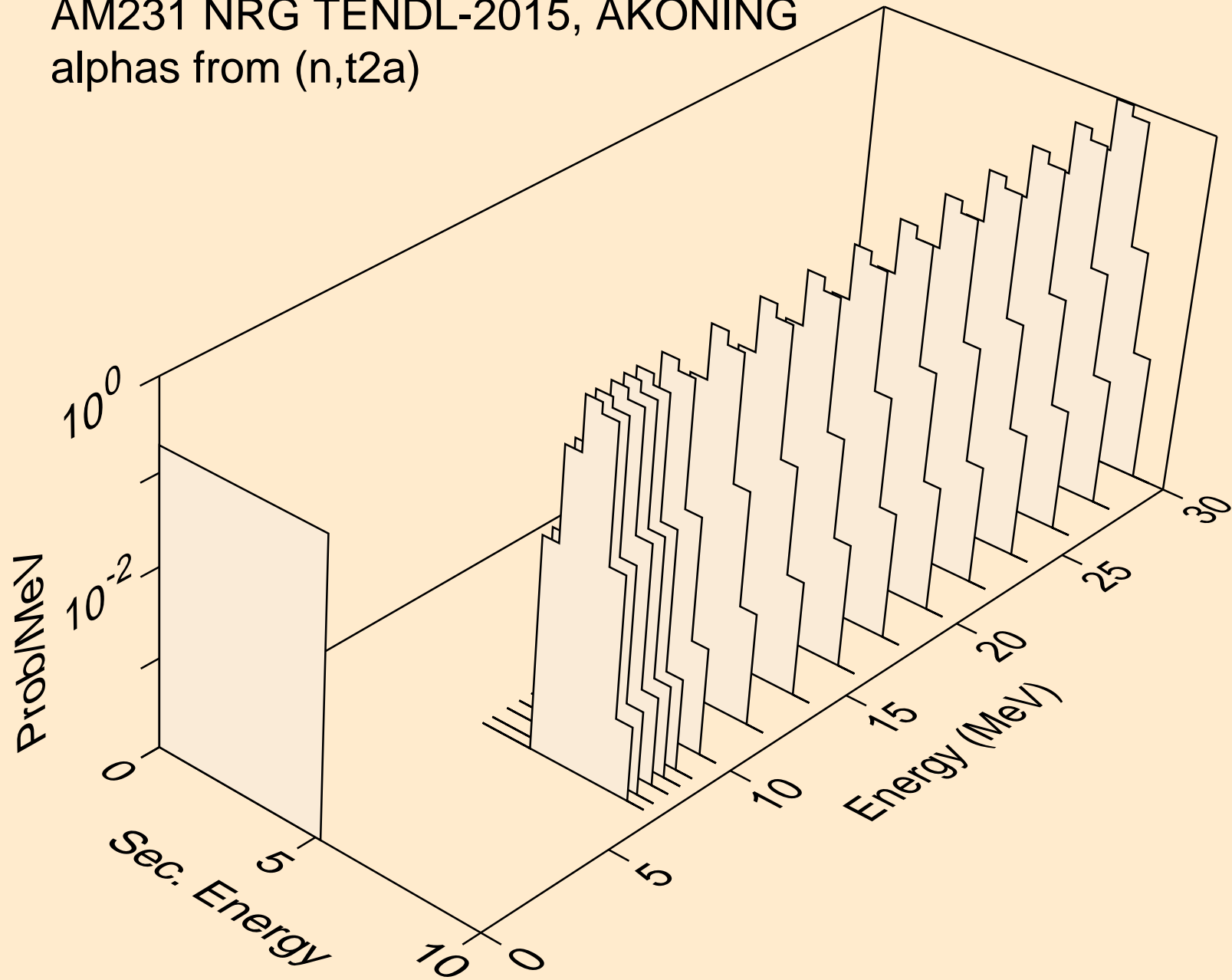


AM231 NRG TENDL-2015, AKONING  
alphas from (n,pa)

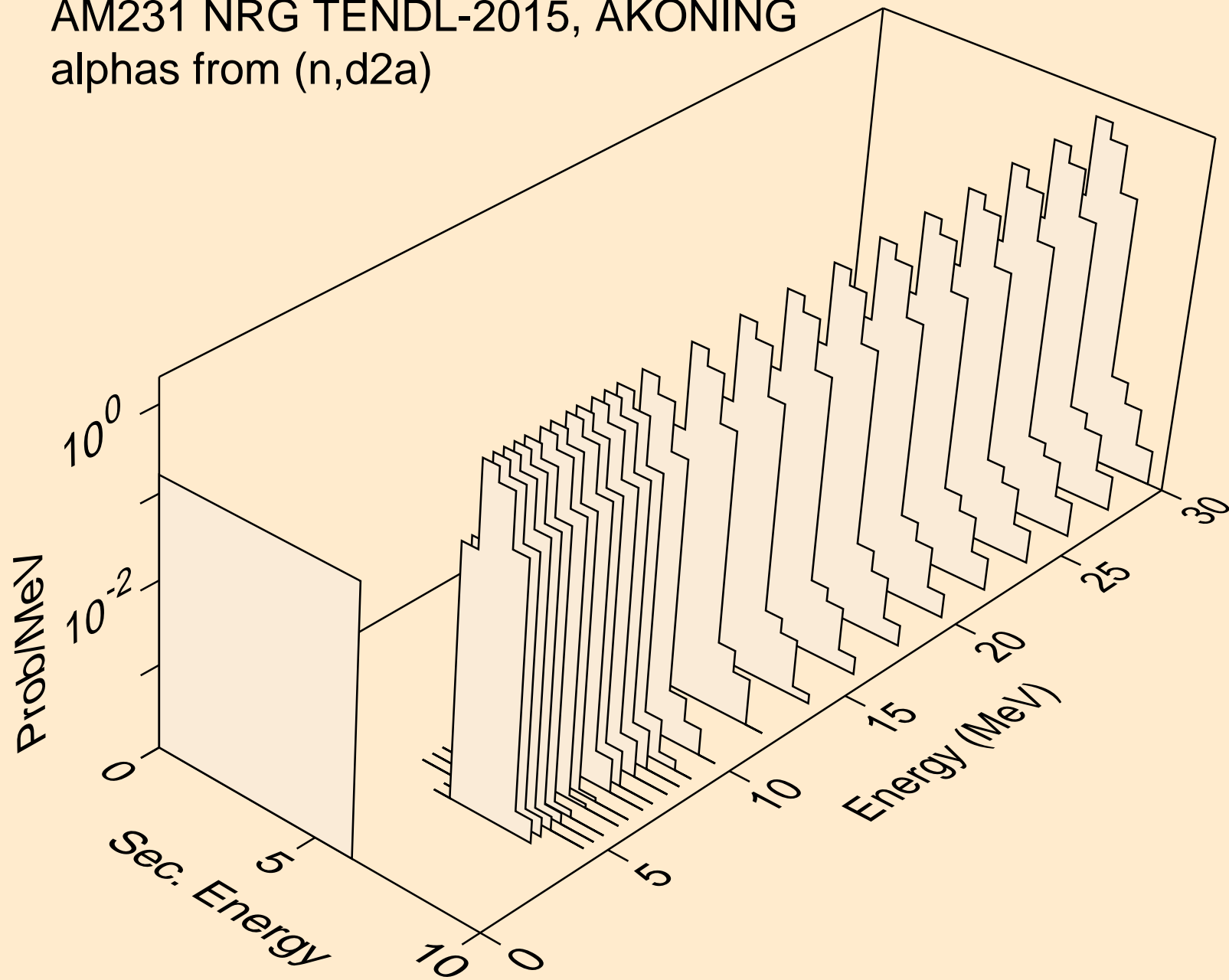




AM231 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



AM231 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



AM231 NRG TENDL-2015, AKONING  
alphas from (n,da)

