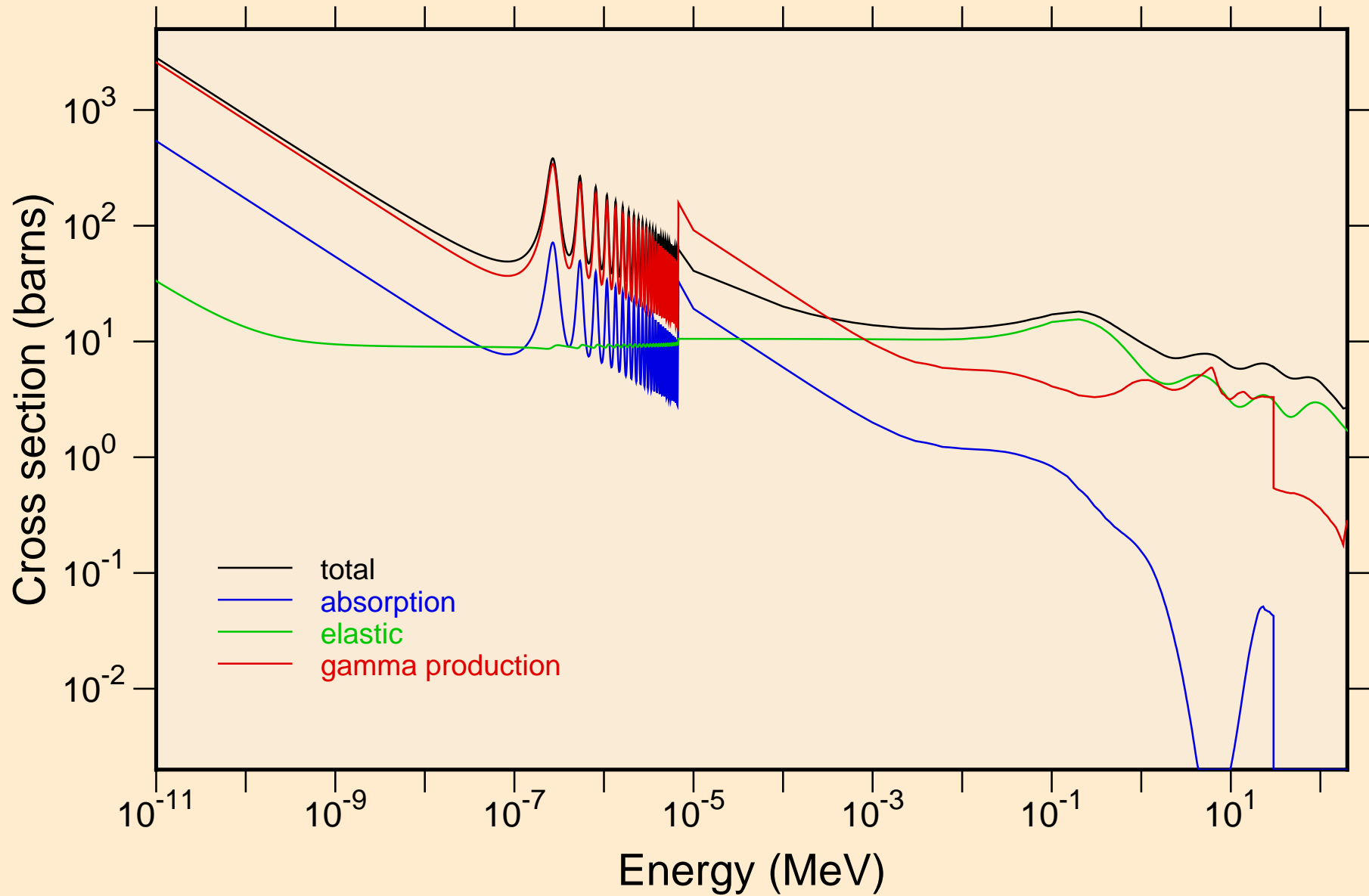


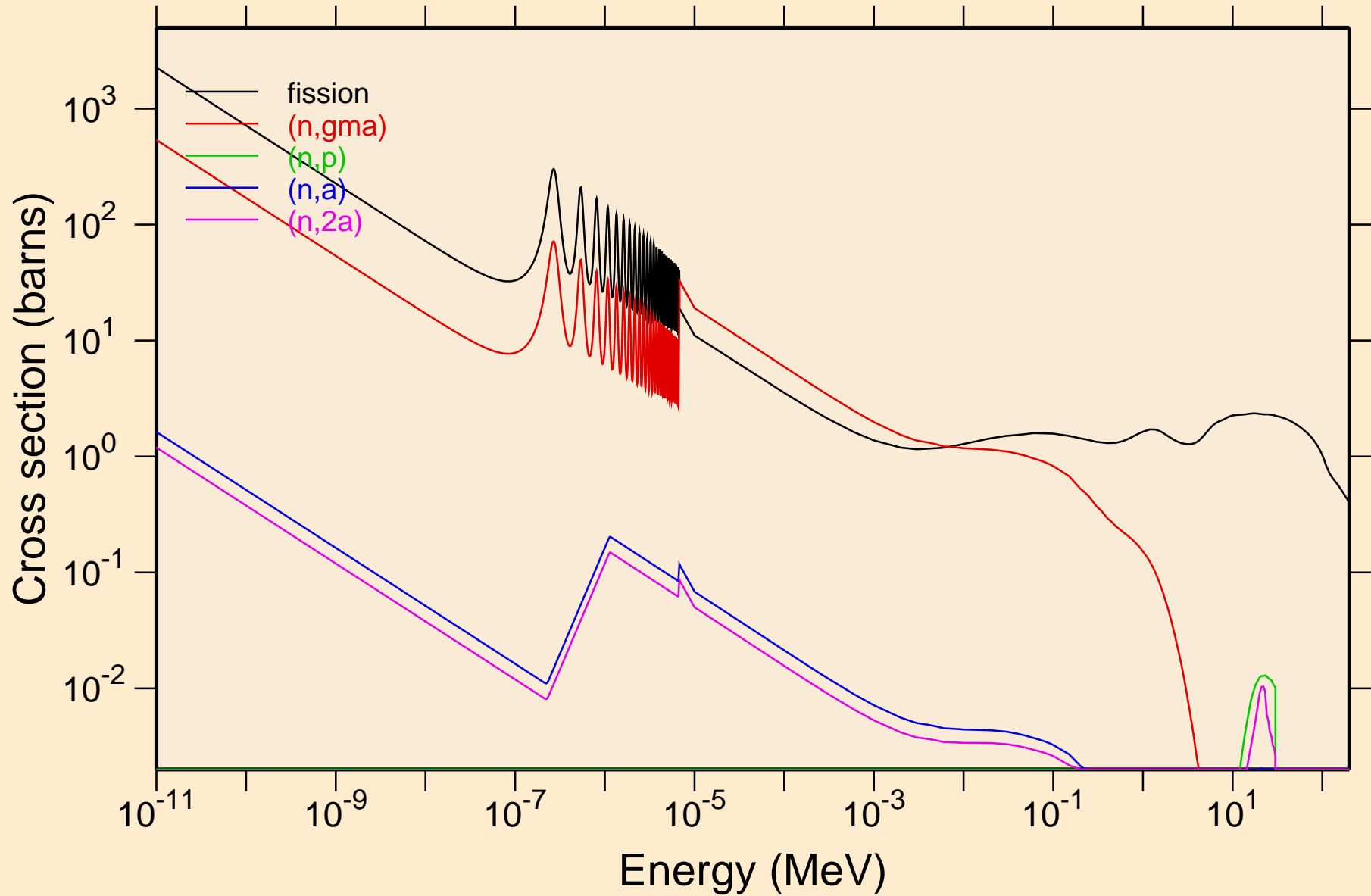
# RF259 NRG TENDL-2015, AKONING

## Principal cross sections



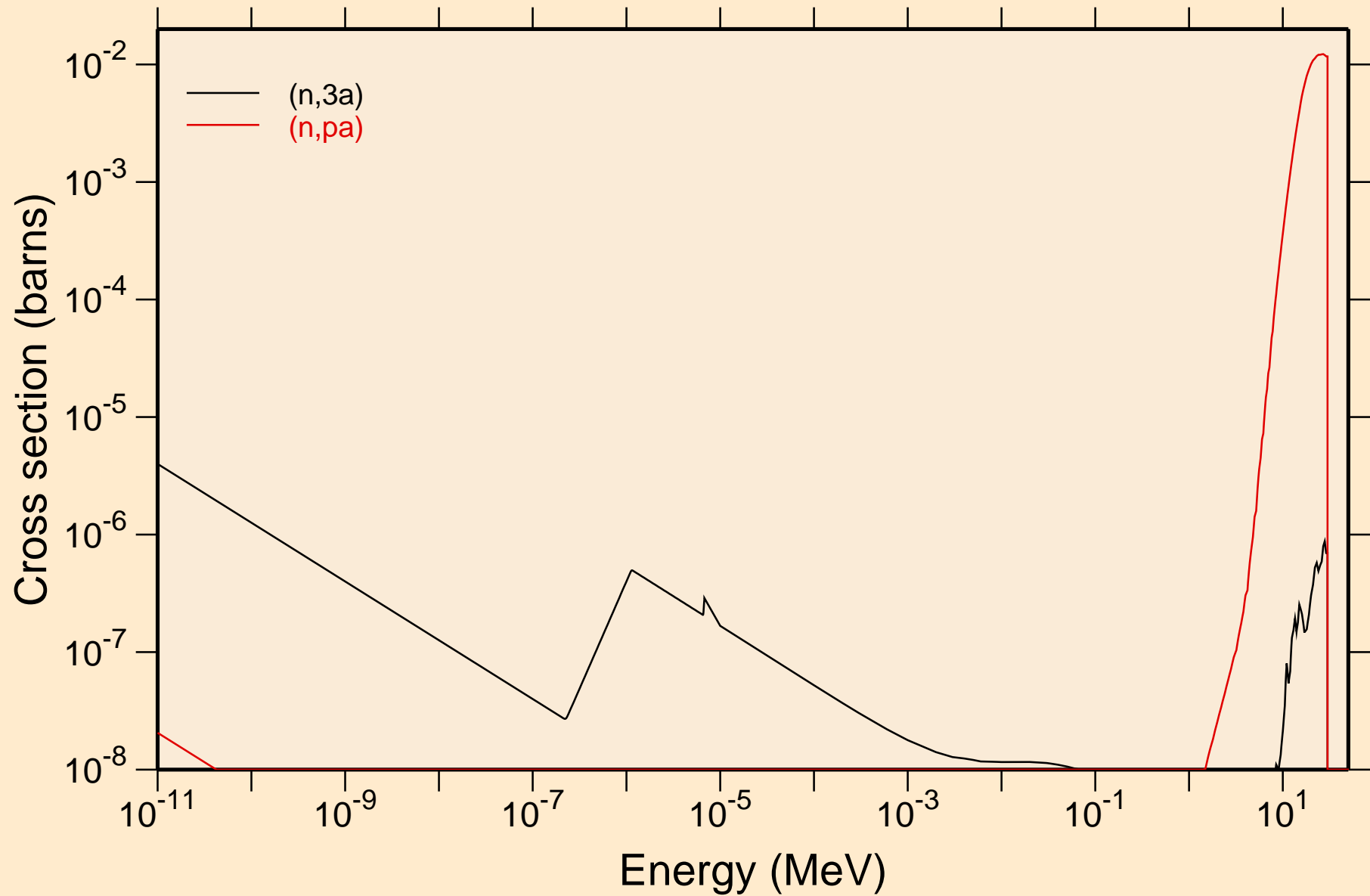
# RF259 NRG TENDL-2015, AKONING

## Non-threshold reactions



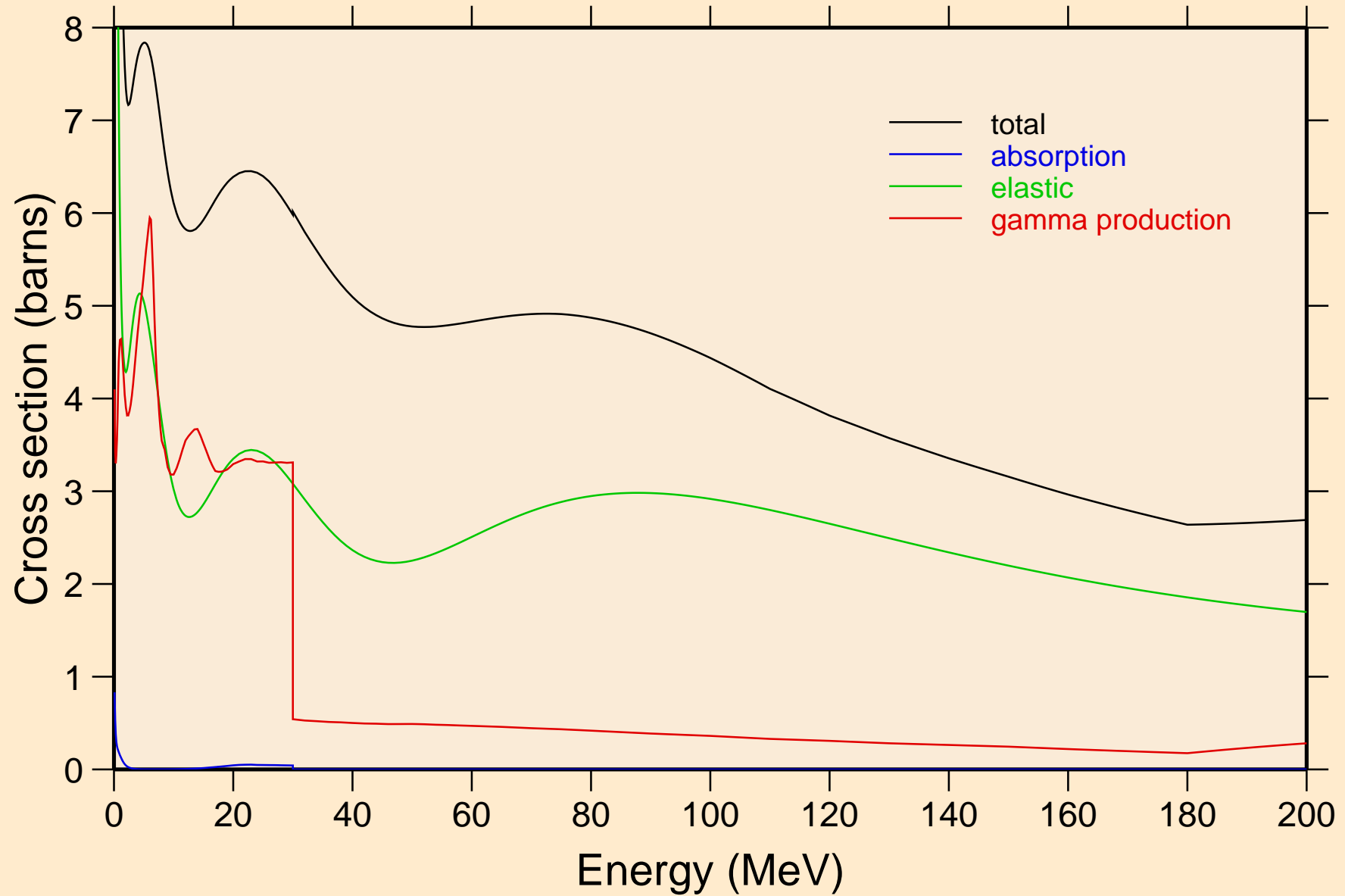
# RF259 NRG TENDL-2015, AKONING

## Non-threshold reactions



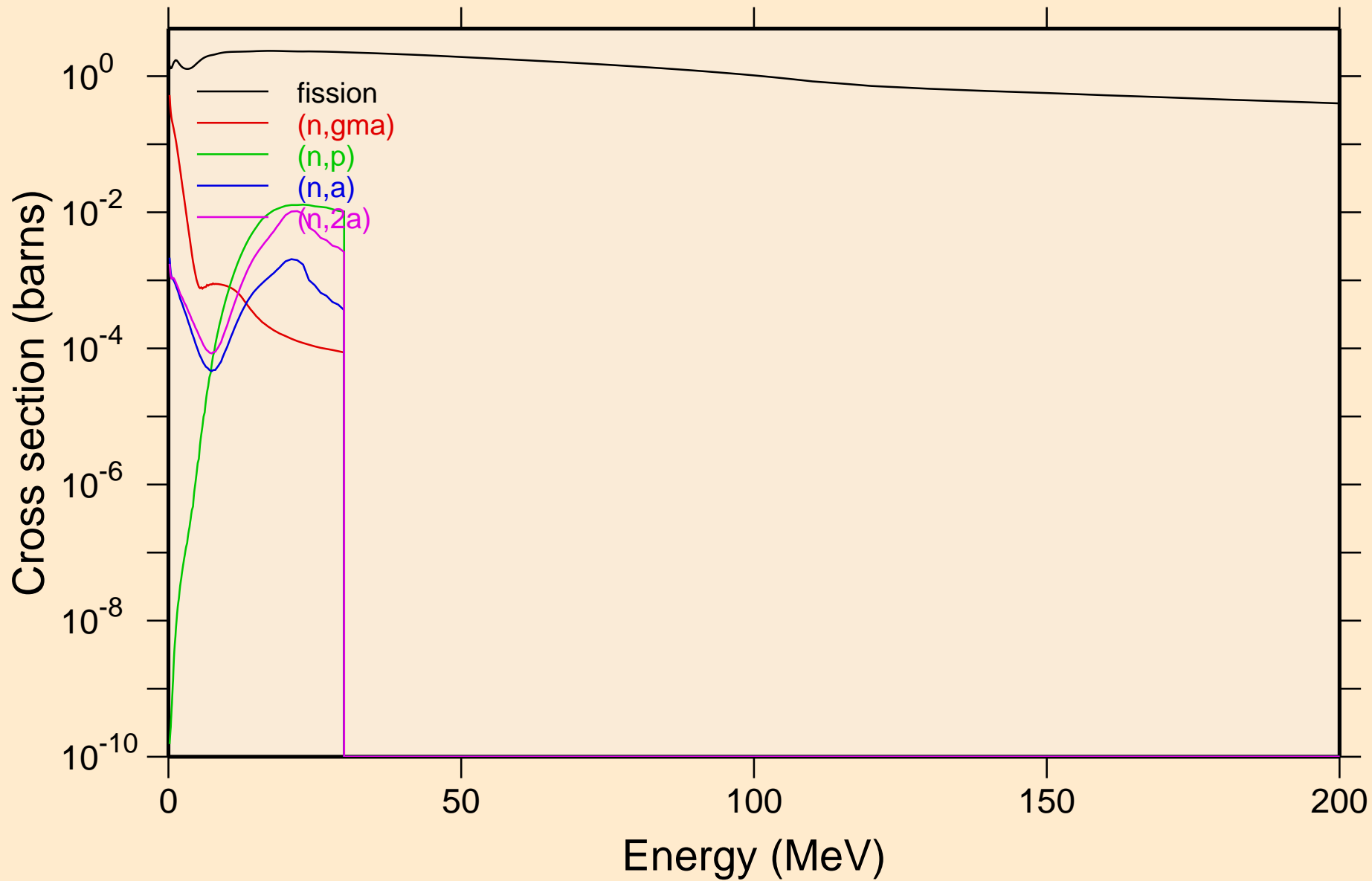
# RF259 NRG TENDL-2015, AKONING

## Principal cross sections

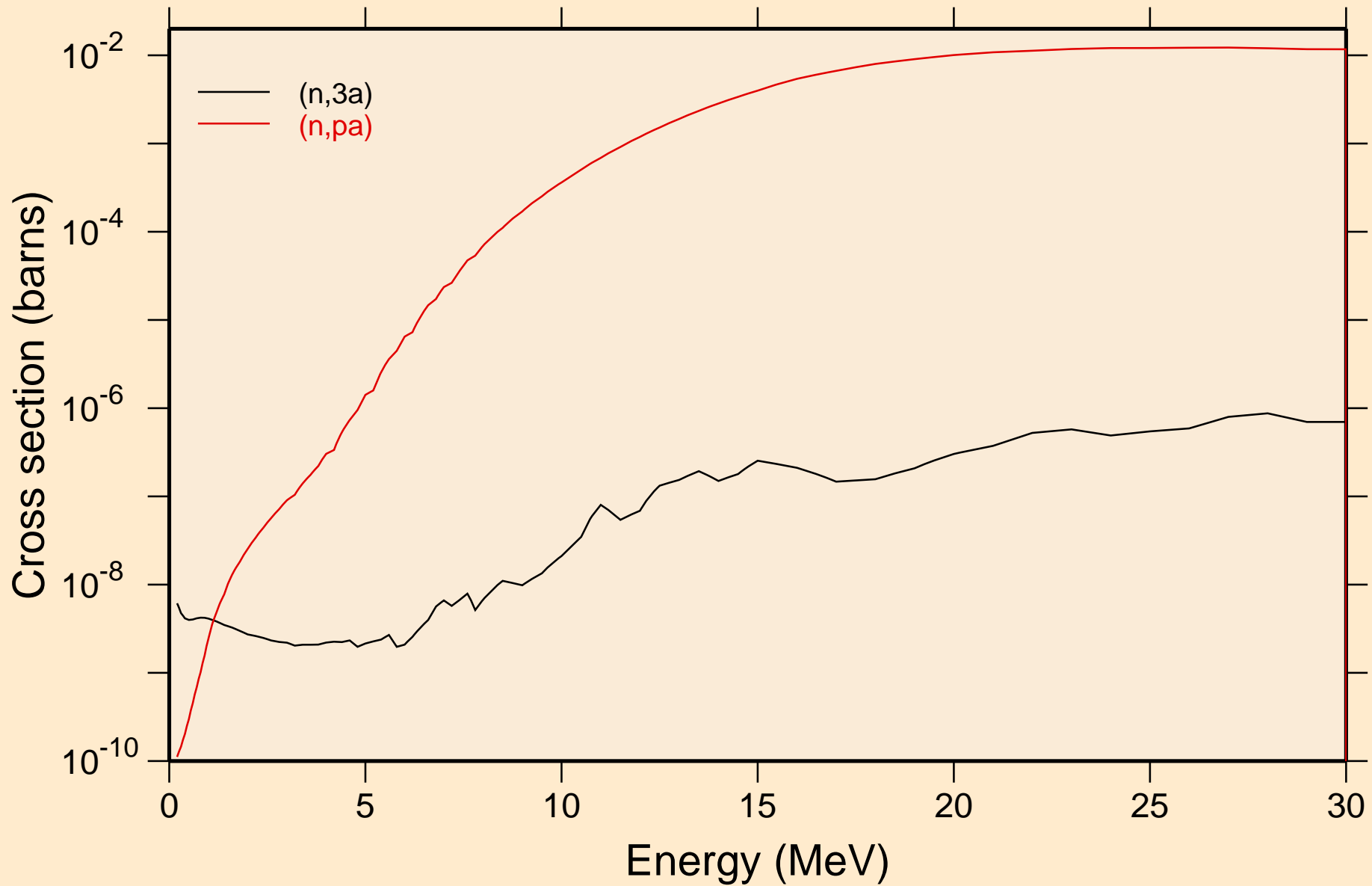


# RF259 NRG TENDL-2015, AKONING

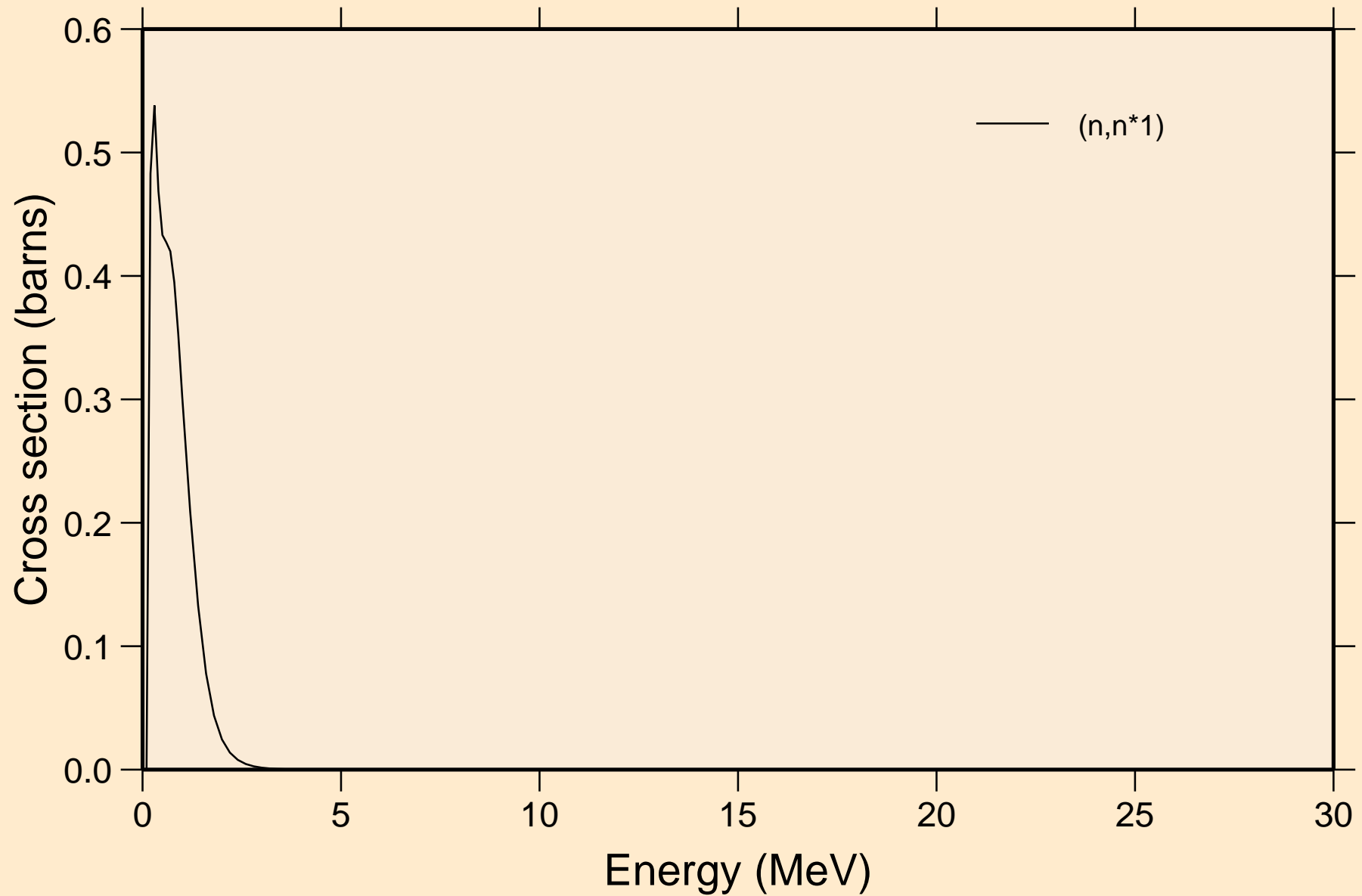
## Non-threshold reactions



RF259 NRG TENDL-2015, AKONING  
Non-threshold reactions

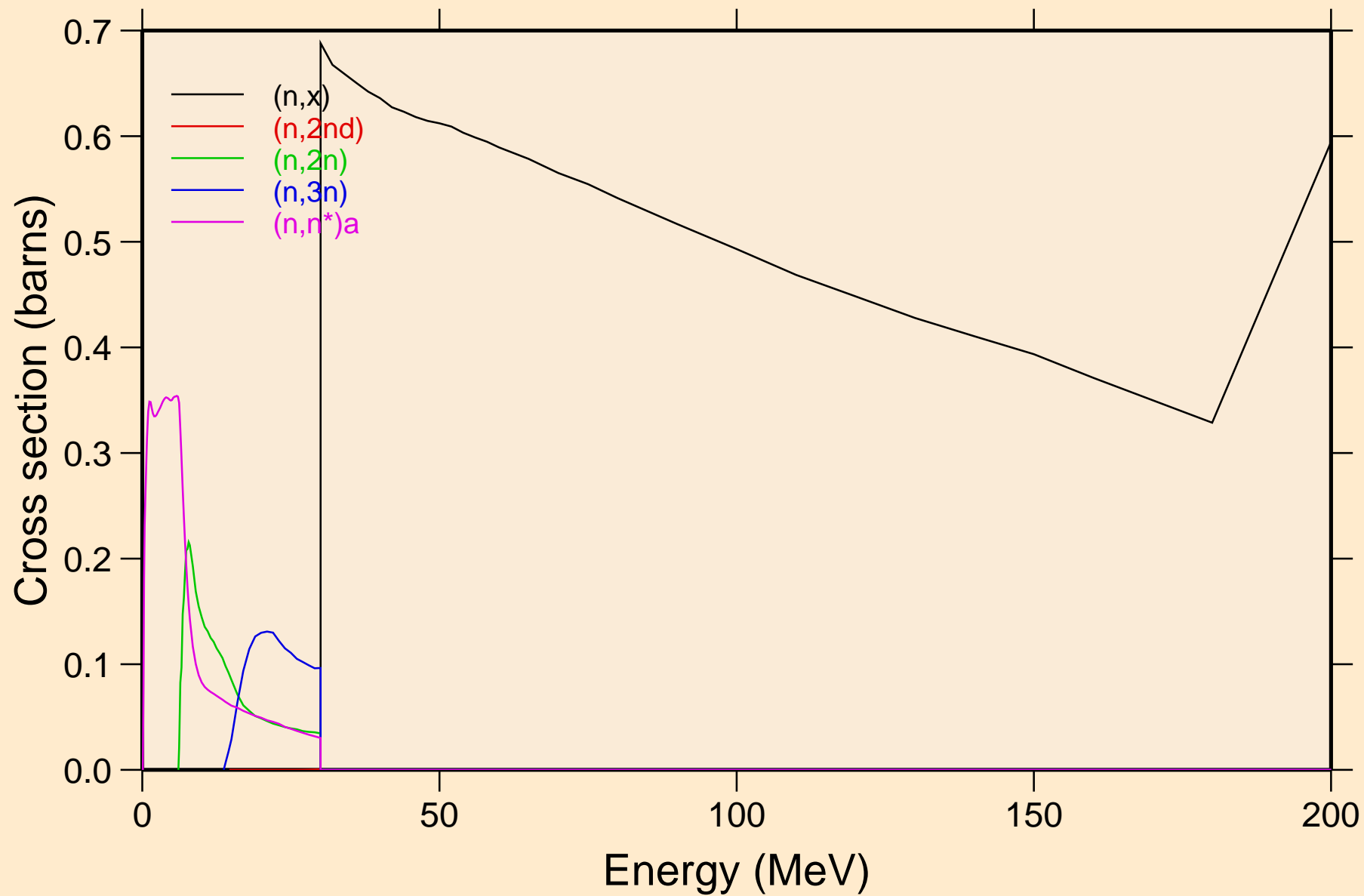


RF259 NRG TENDL-2015, AKONING  
Inelastic levels



# RF259 NRG TENDL-2015, AKONING

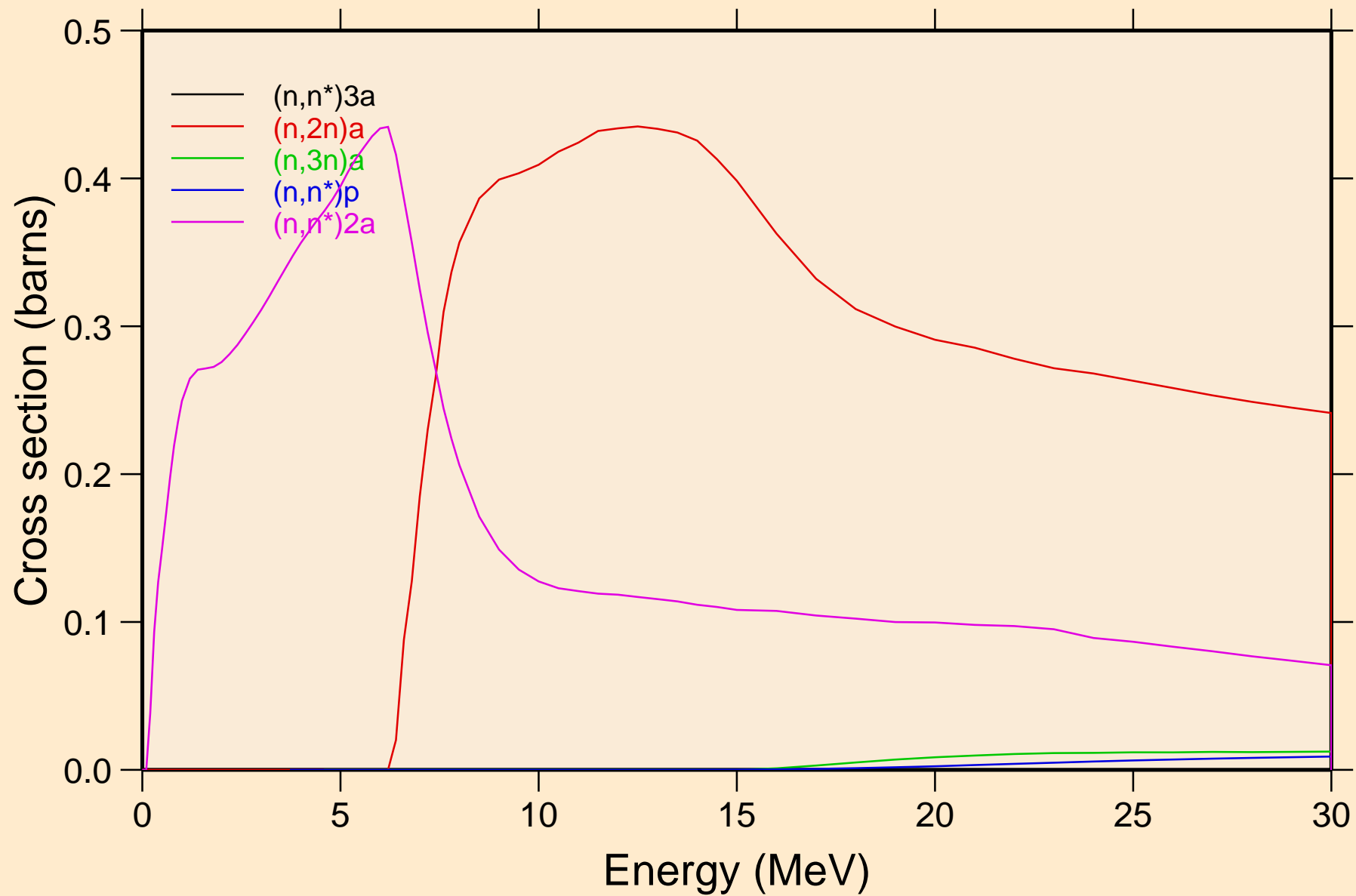
## Threshold reactions





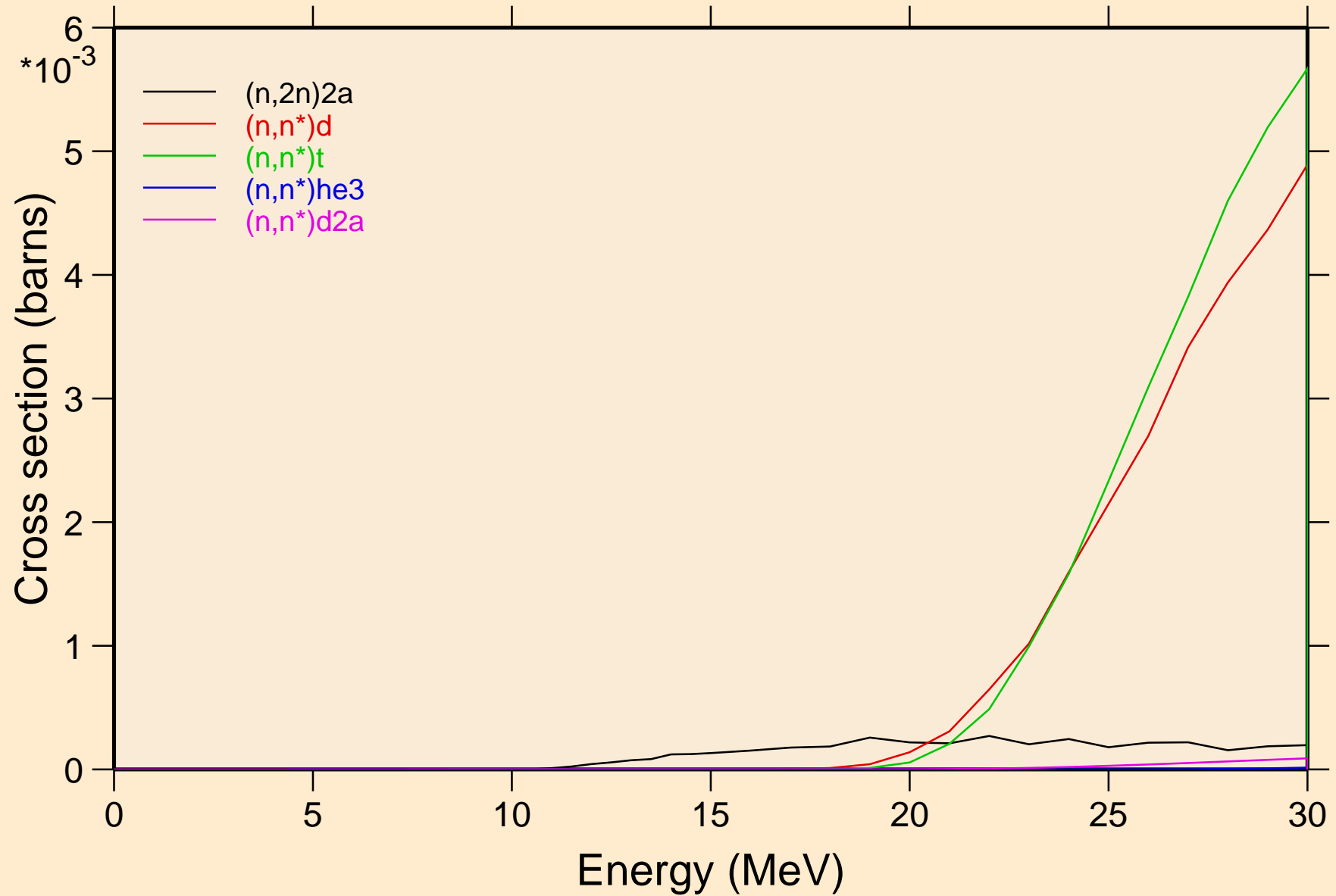
# RF259 NRG TENDL-2015, AKONING

## Threshold reactions



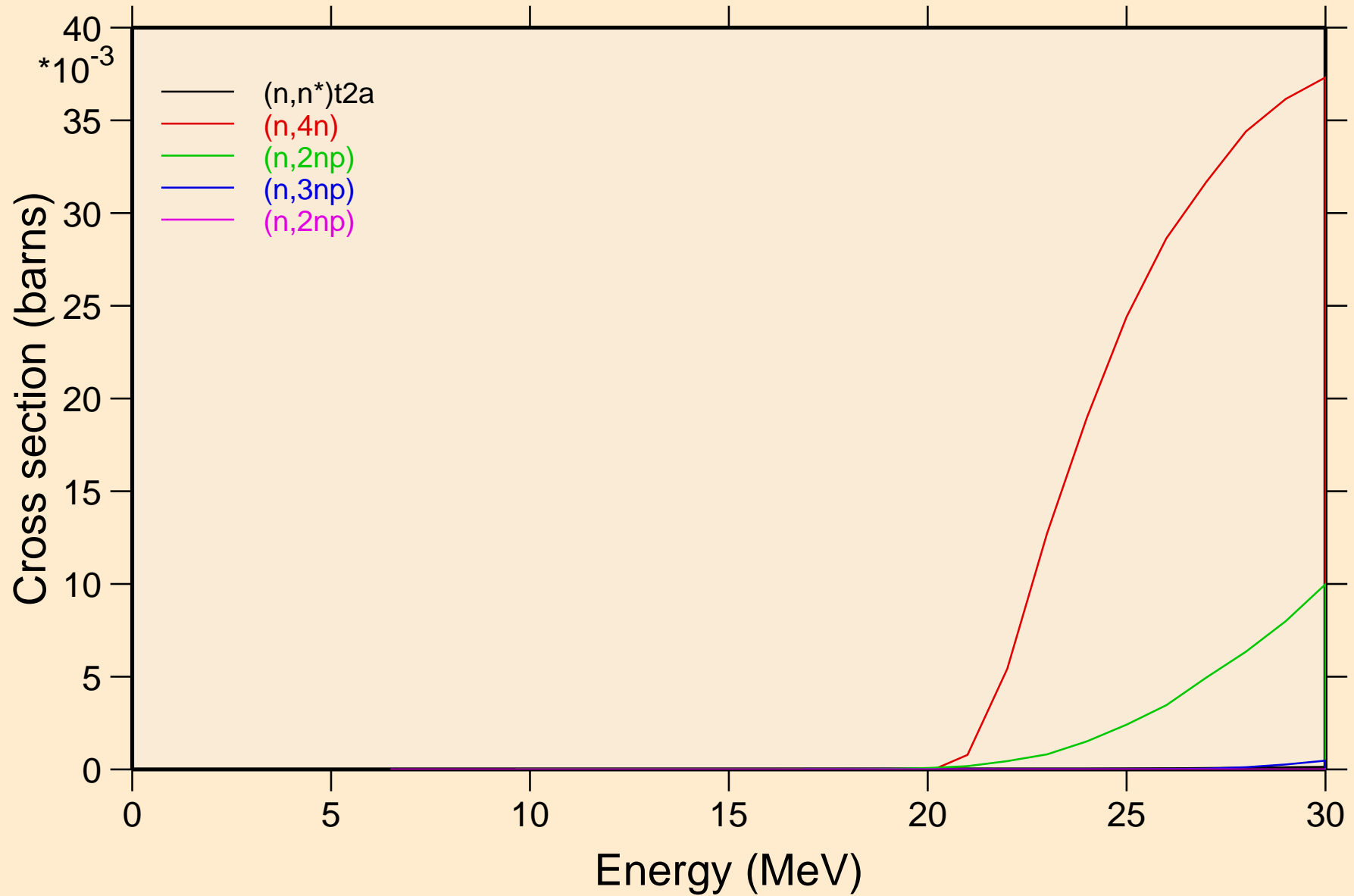
# RF259 NRG TENDL-2015, AKONING

## Threshold reactions



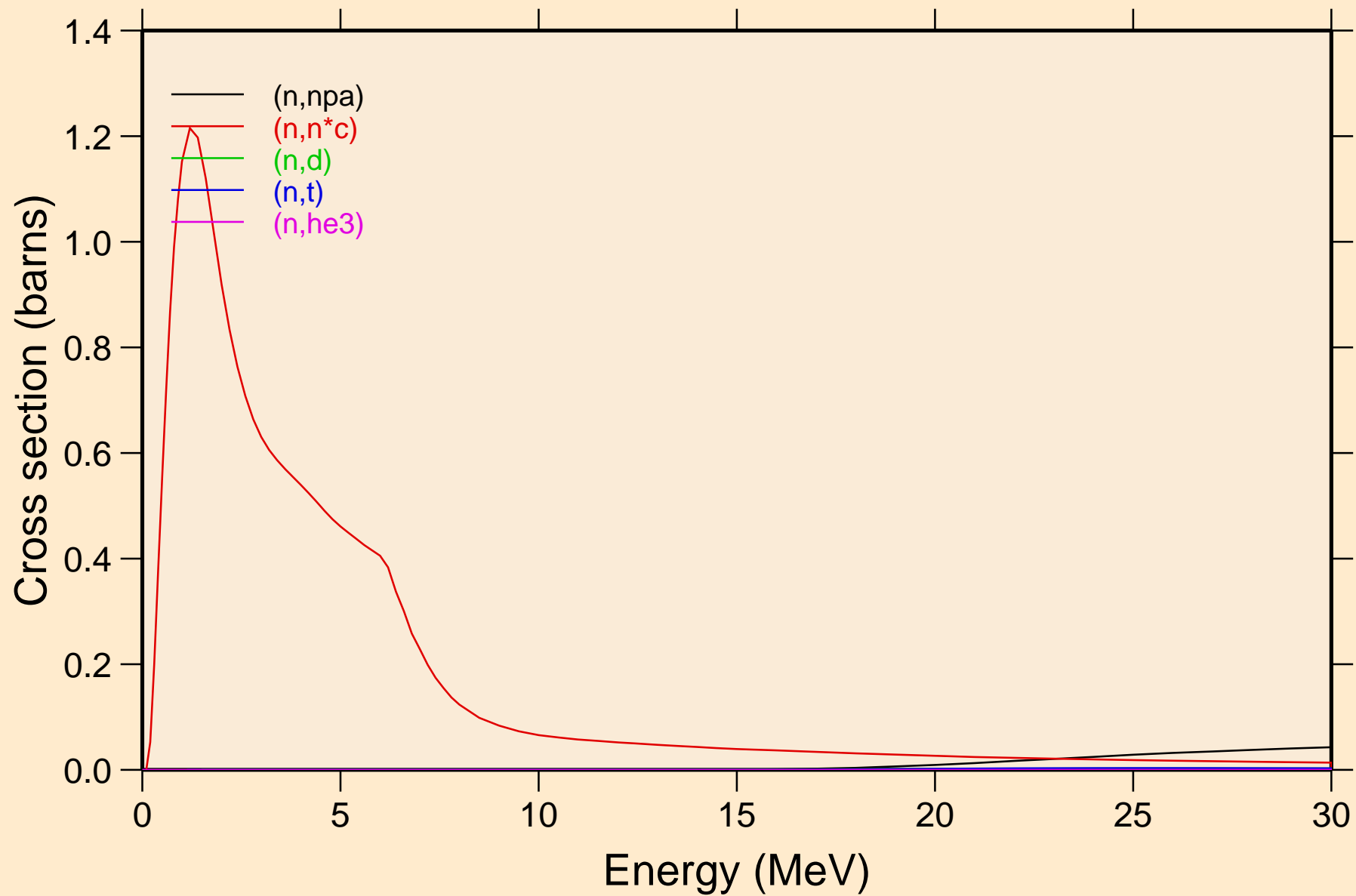
# RF259 NRG TENDL-2015, AKONING

## Threshold reactions



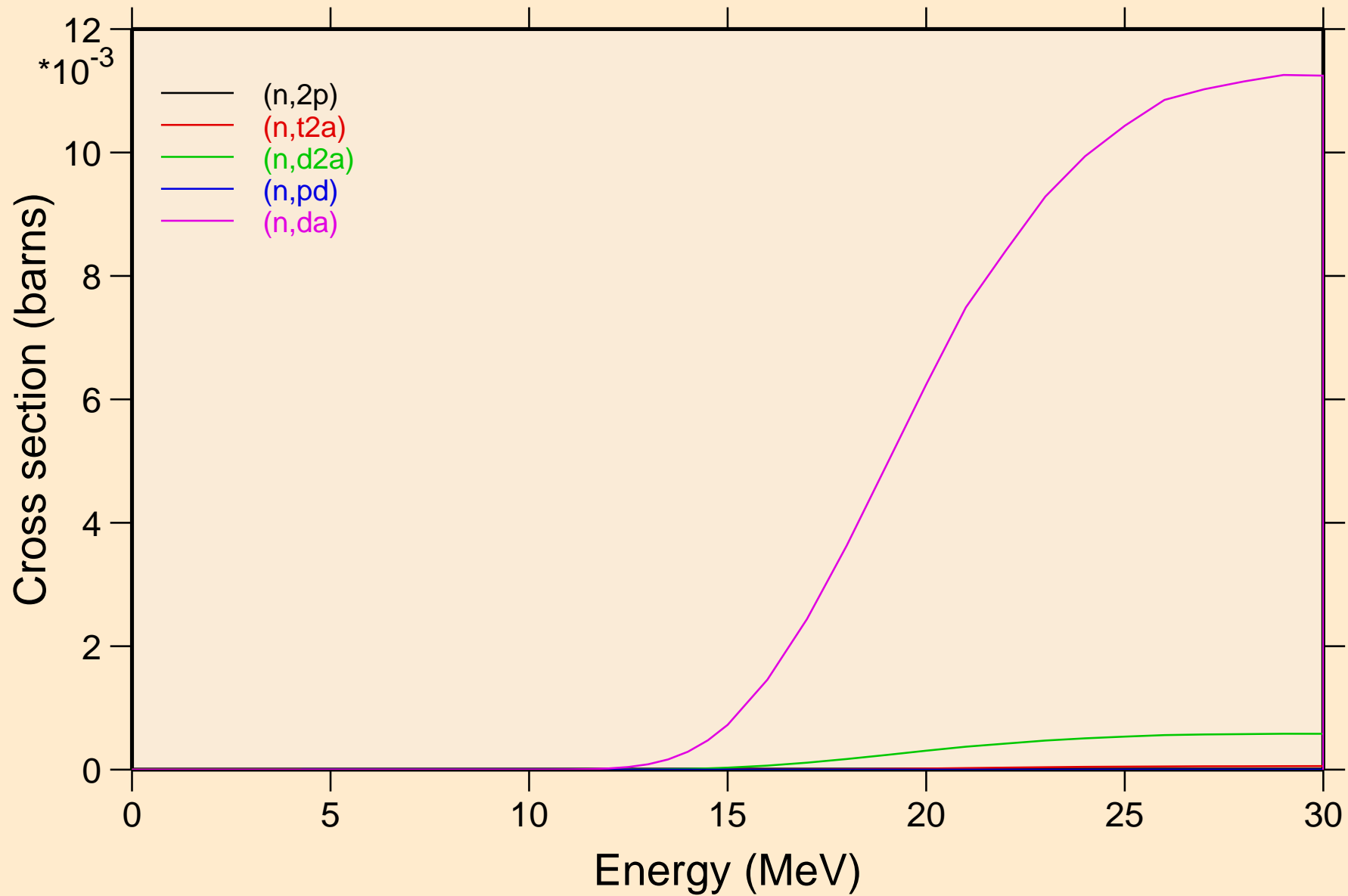
# RF259 NRG TENDL-2015, AKONING

## Threshold reactions

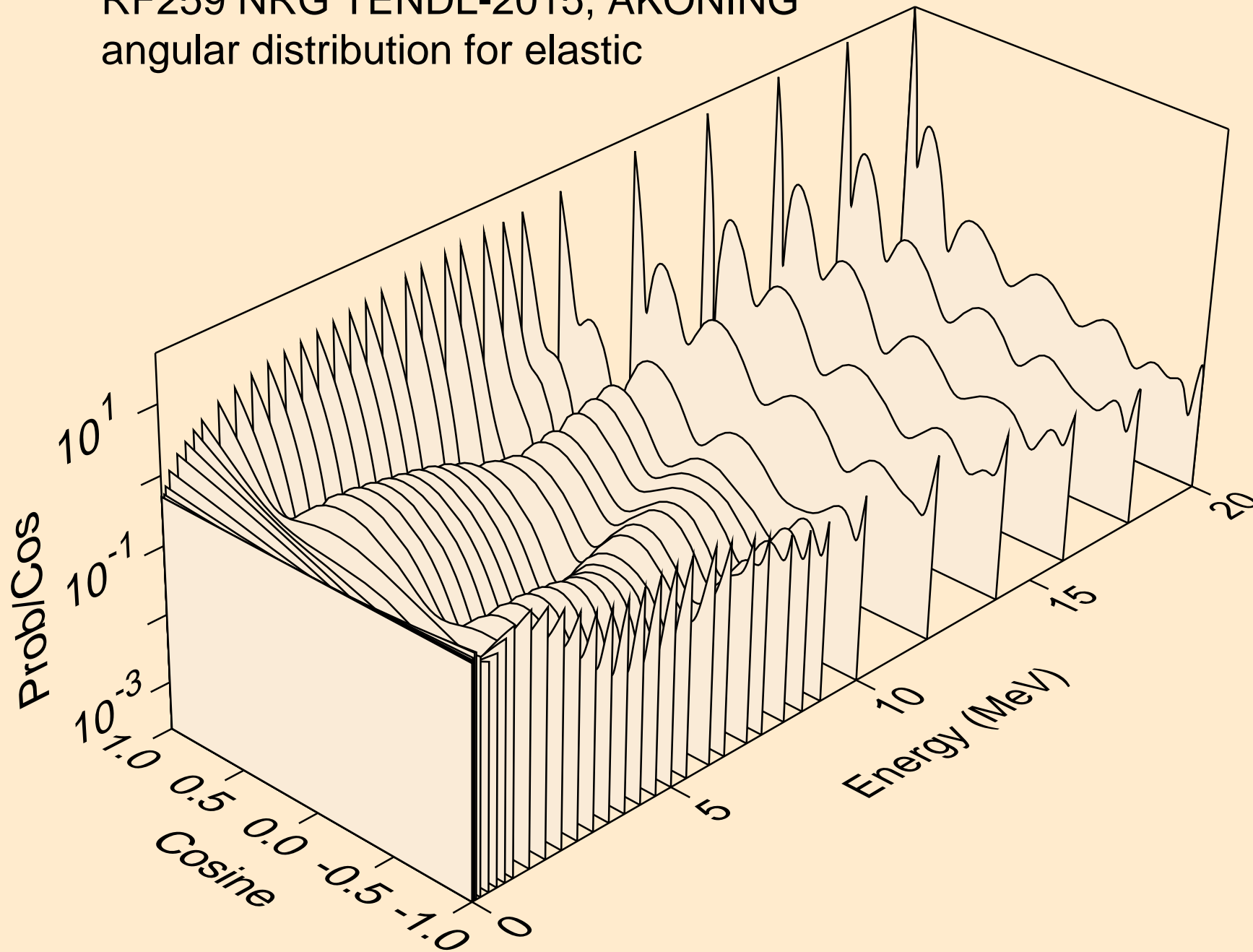


# RF259 NRG TENDL-2015, AKONING

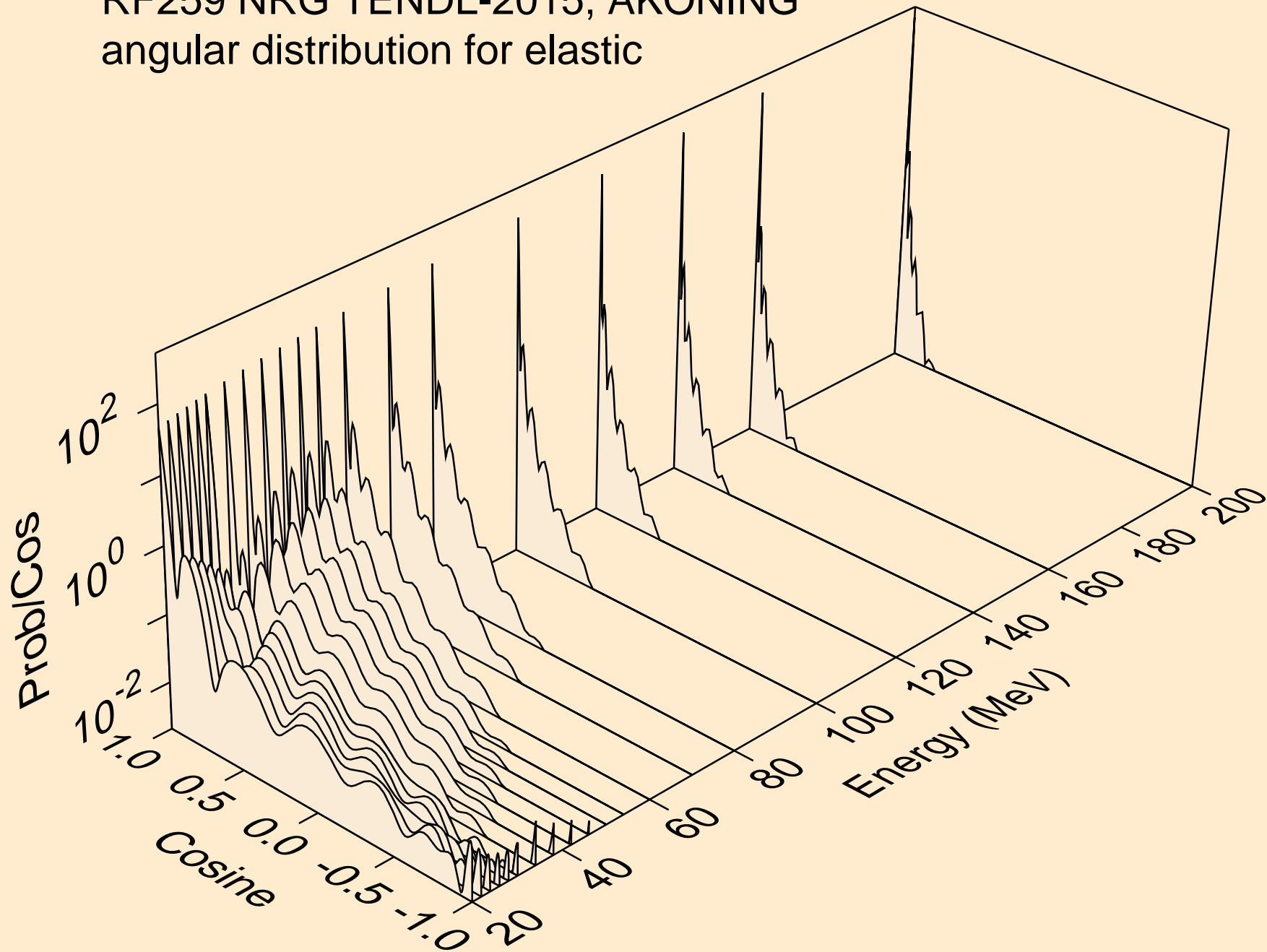
## Threshold reactions



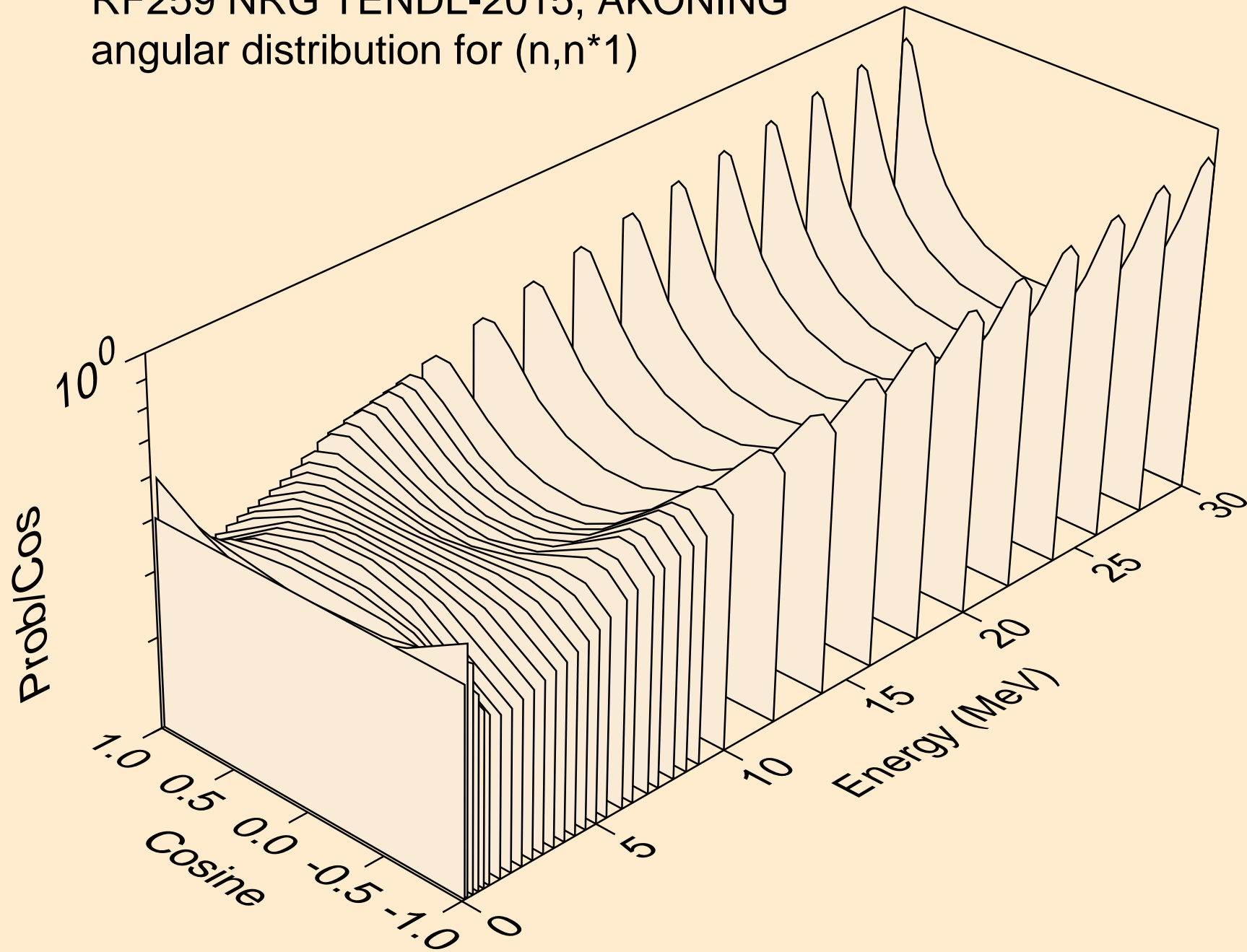
RF259 NRG TENDL-2015, AKONING  
angular distribution for elastic



RF259 NRG TENDL-2015, AKONING  
angular distribution for elastic



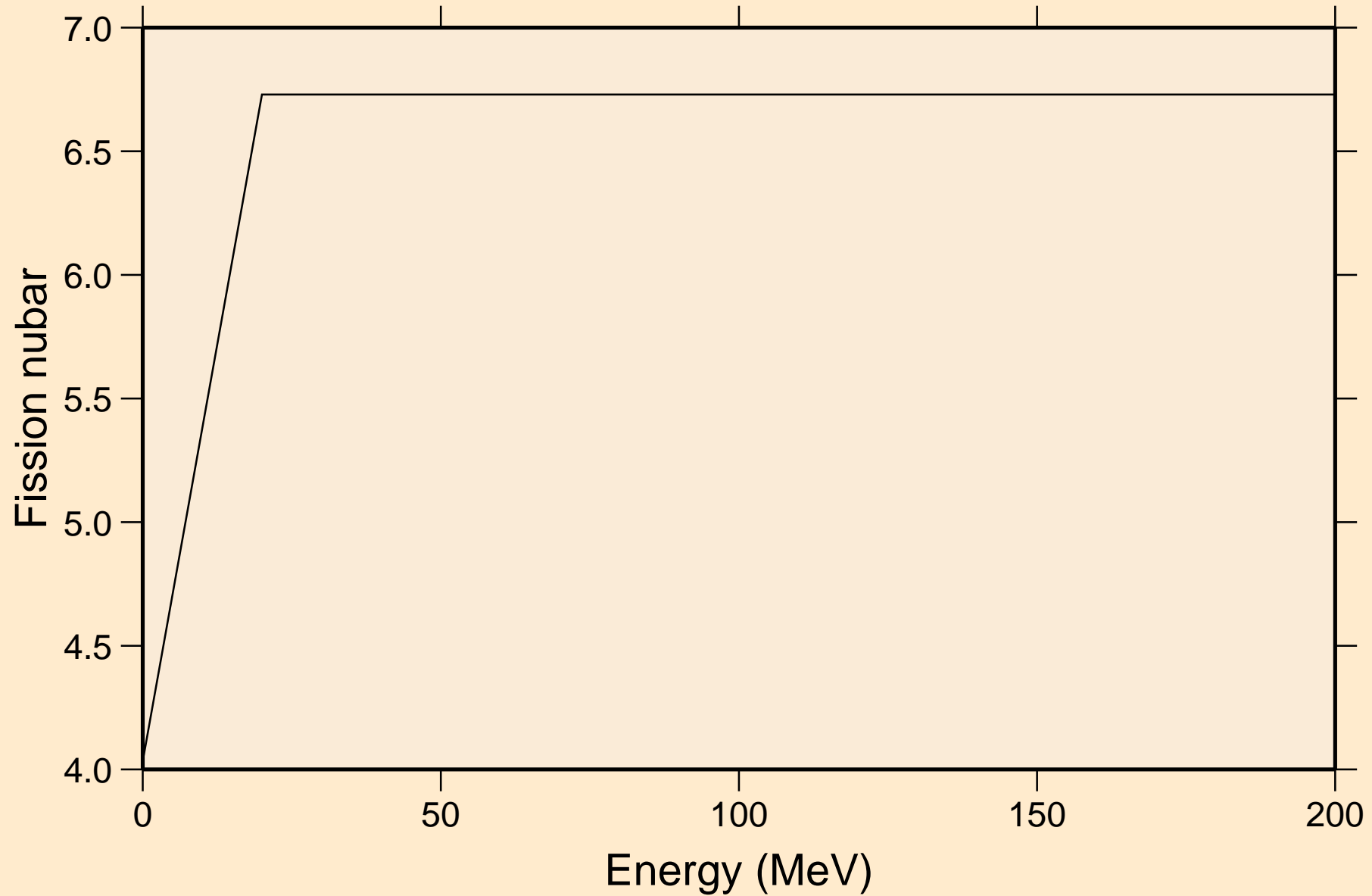
RF259 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



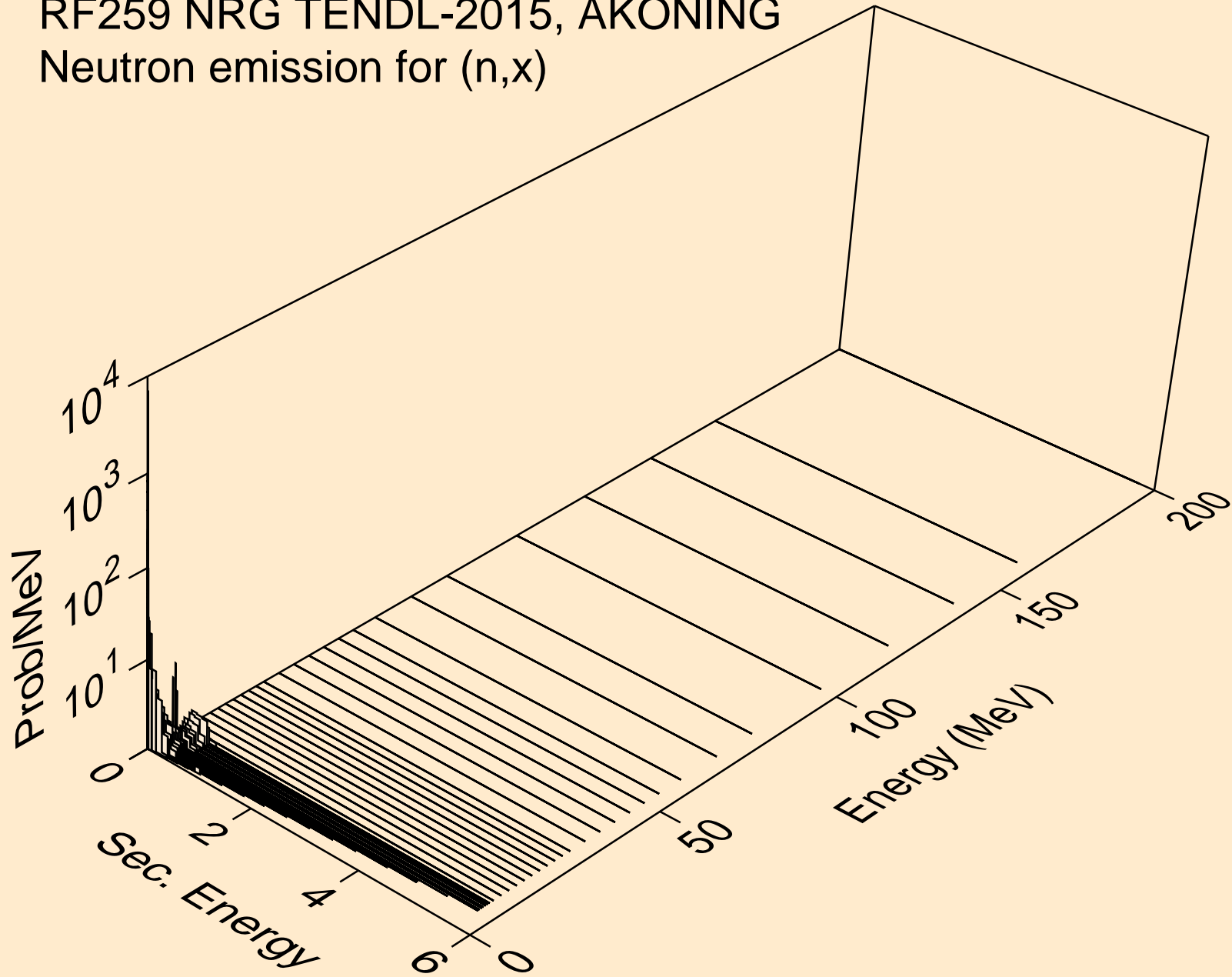


# RF259 NRG TENDL-2015, AKONING

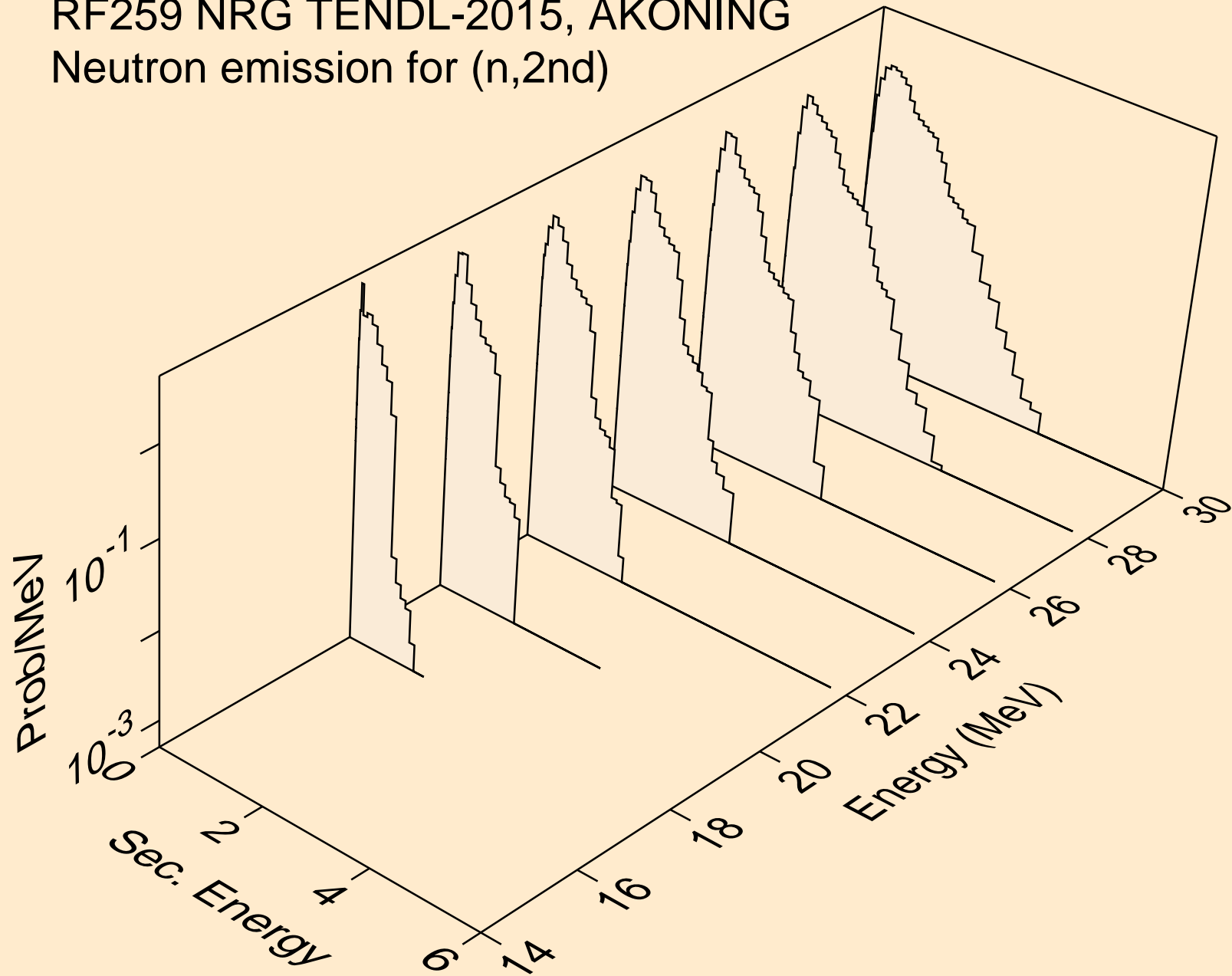
Total fission nubar



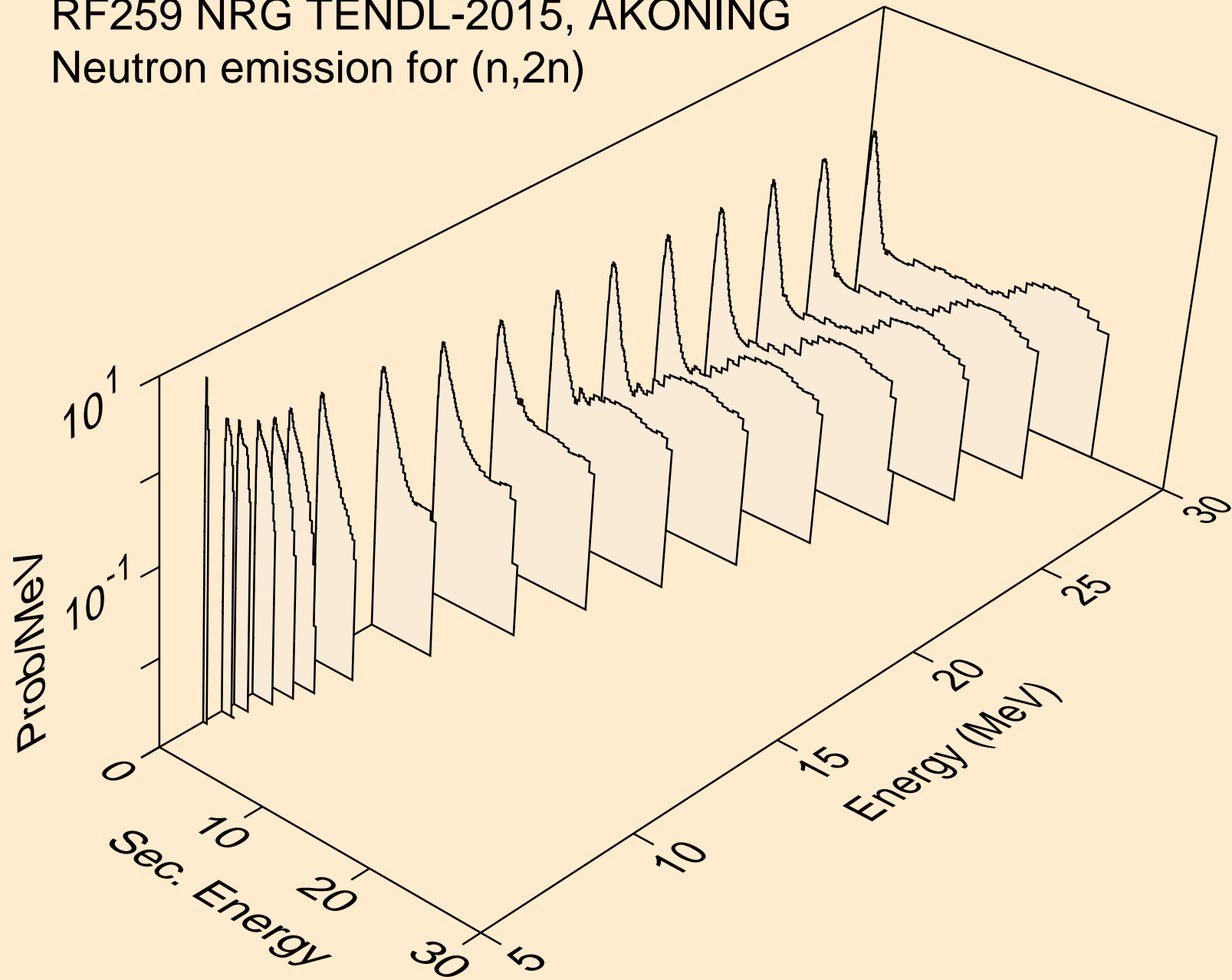
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



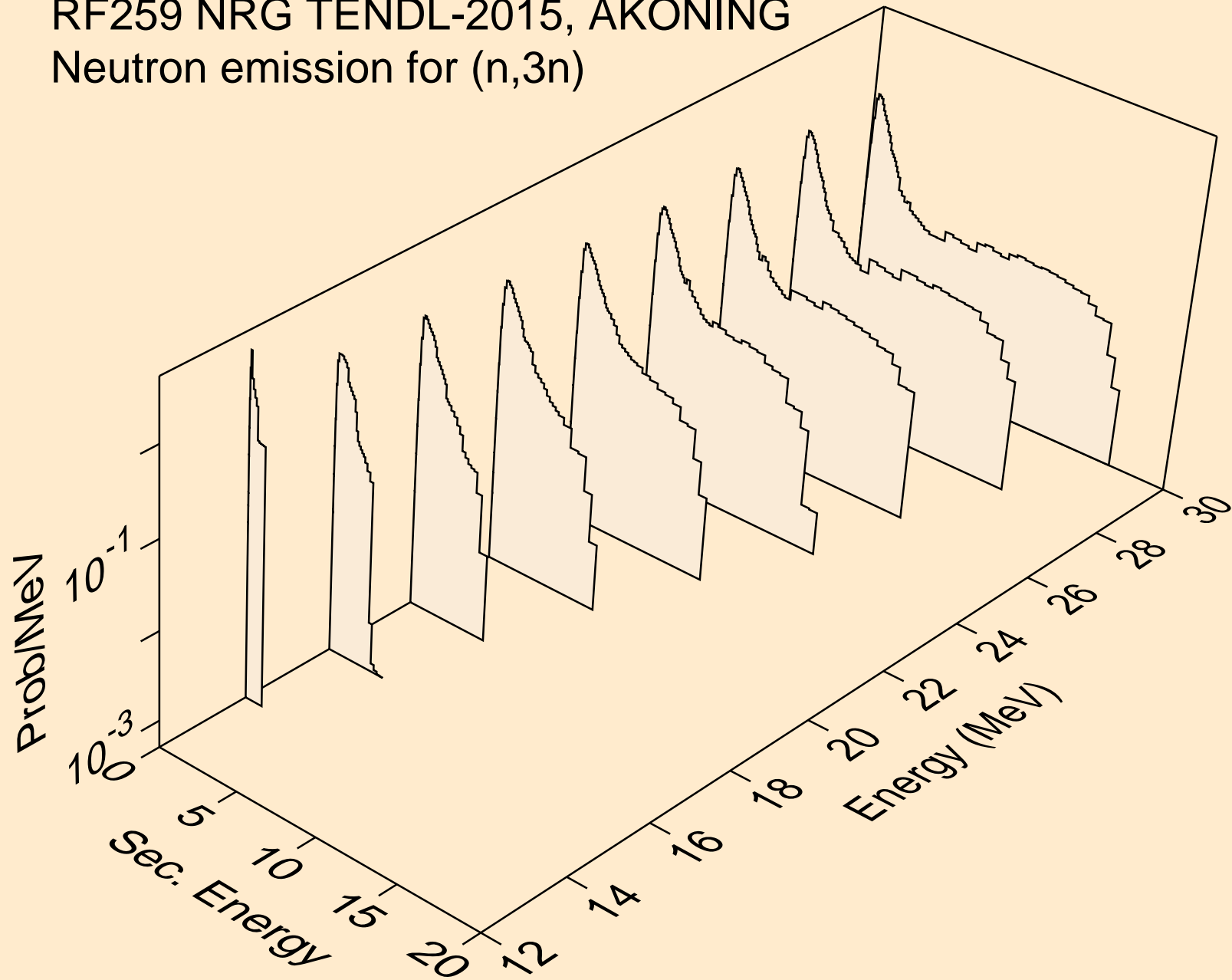
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



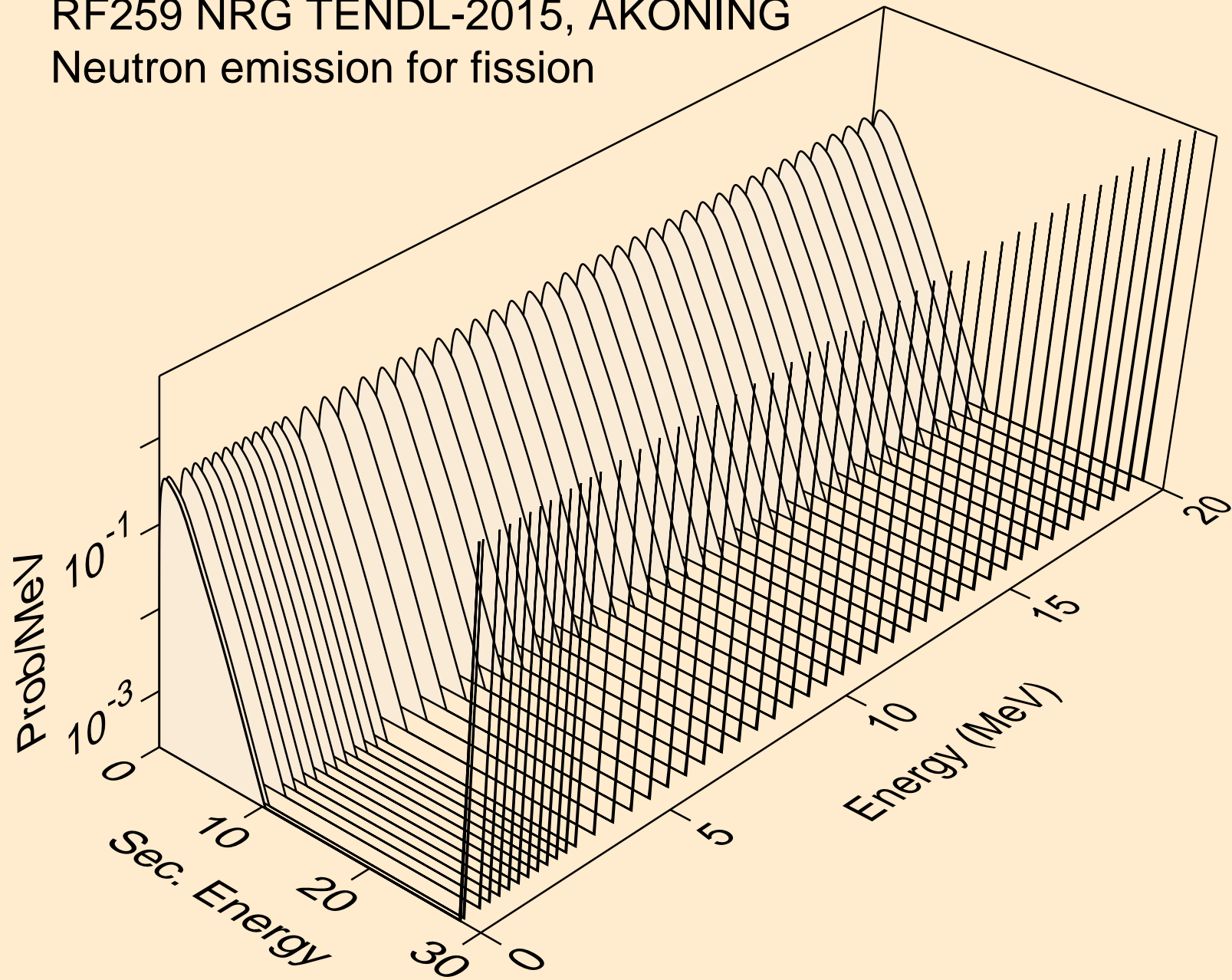
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



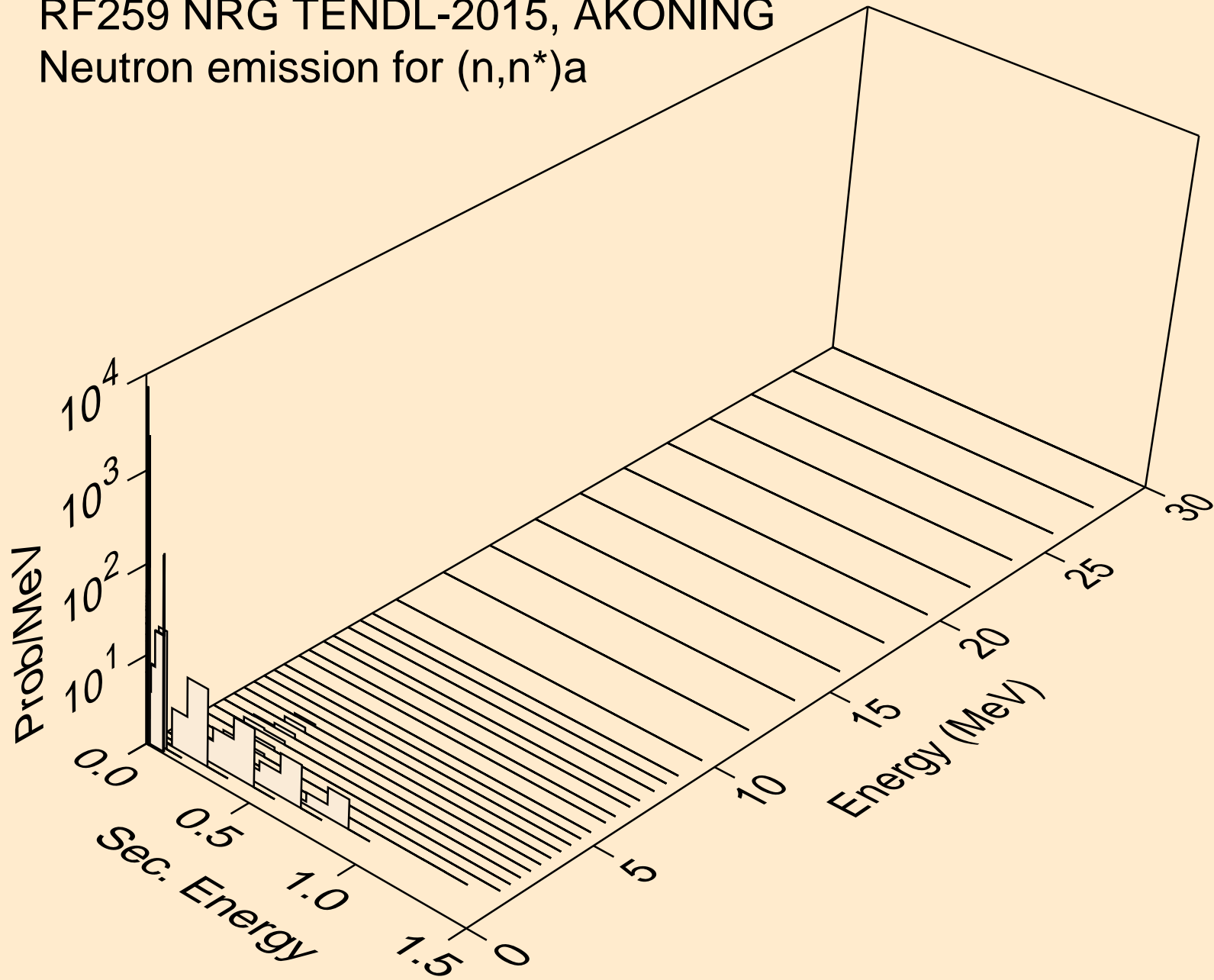
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



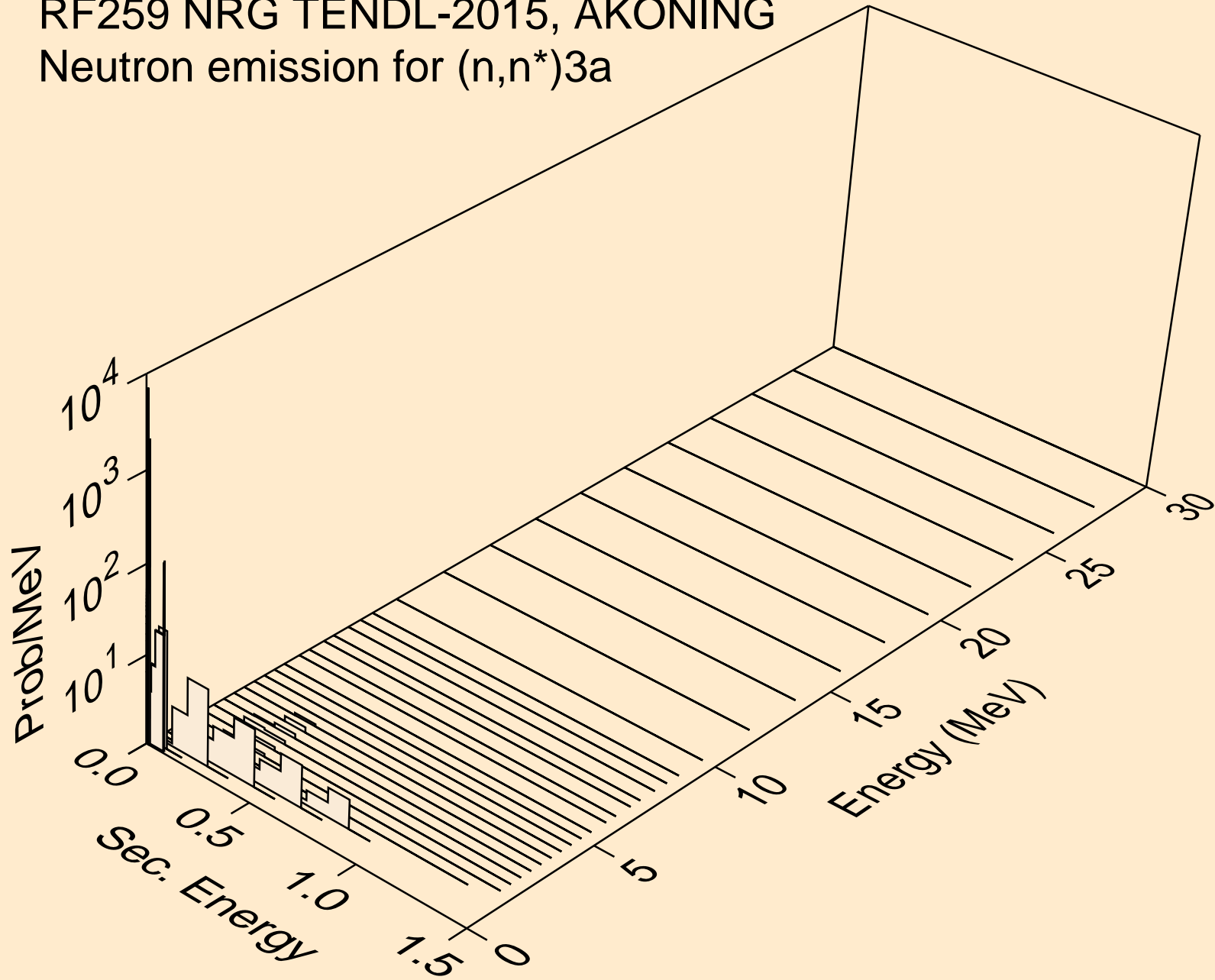
RF259 NRG TENDL-2015, AKONING  
Neutron emission for fission



RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

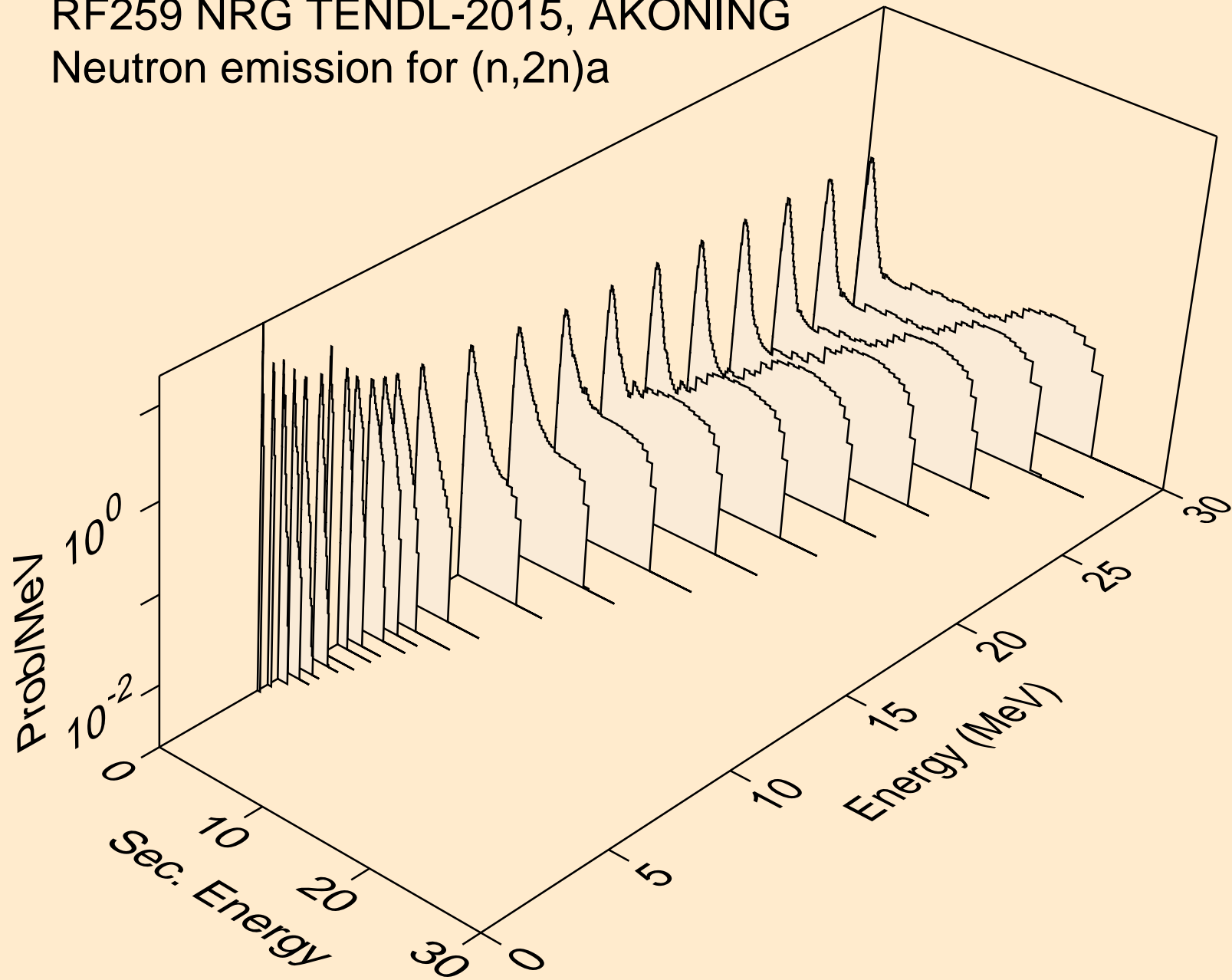


RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

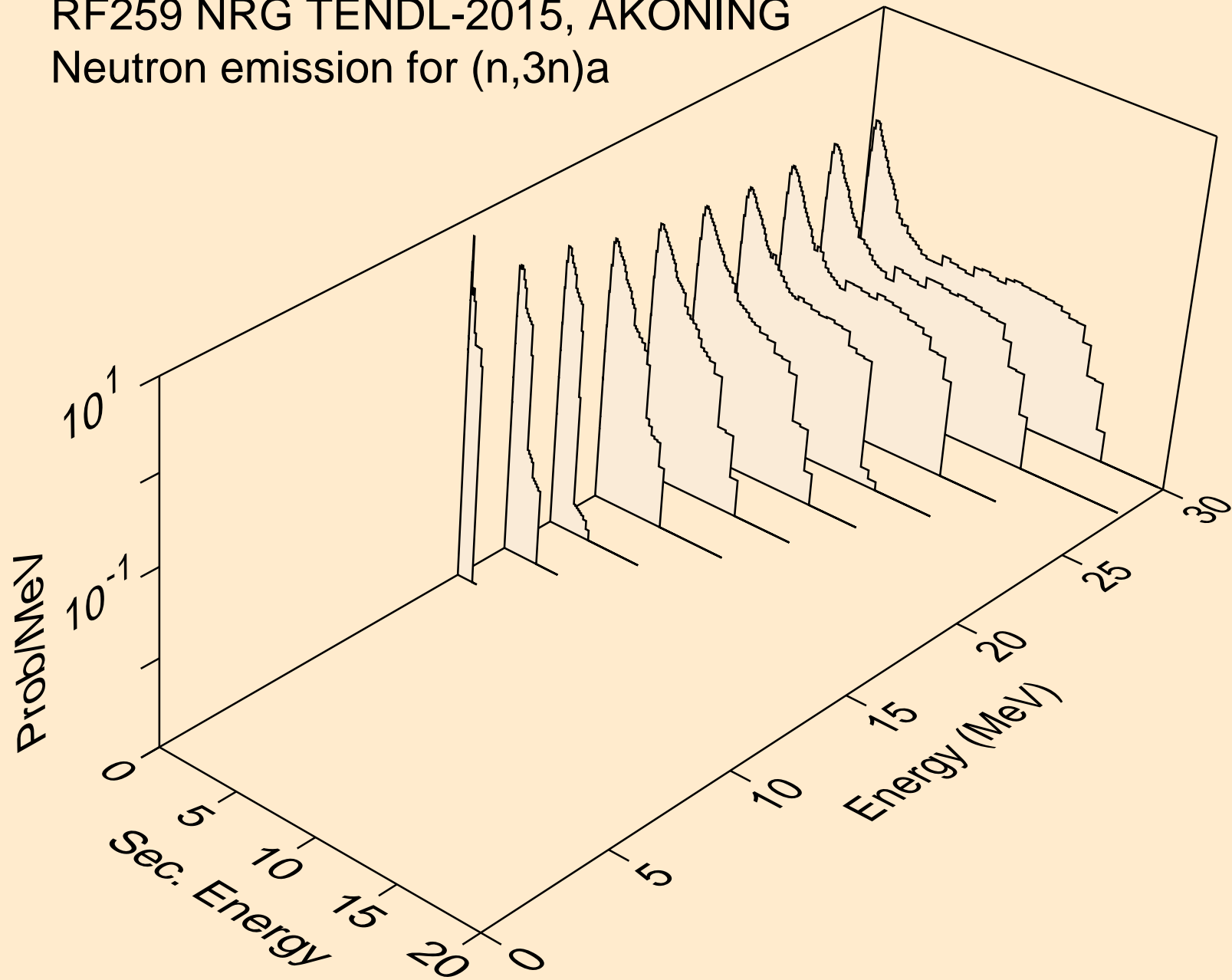




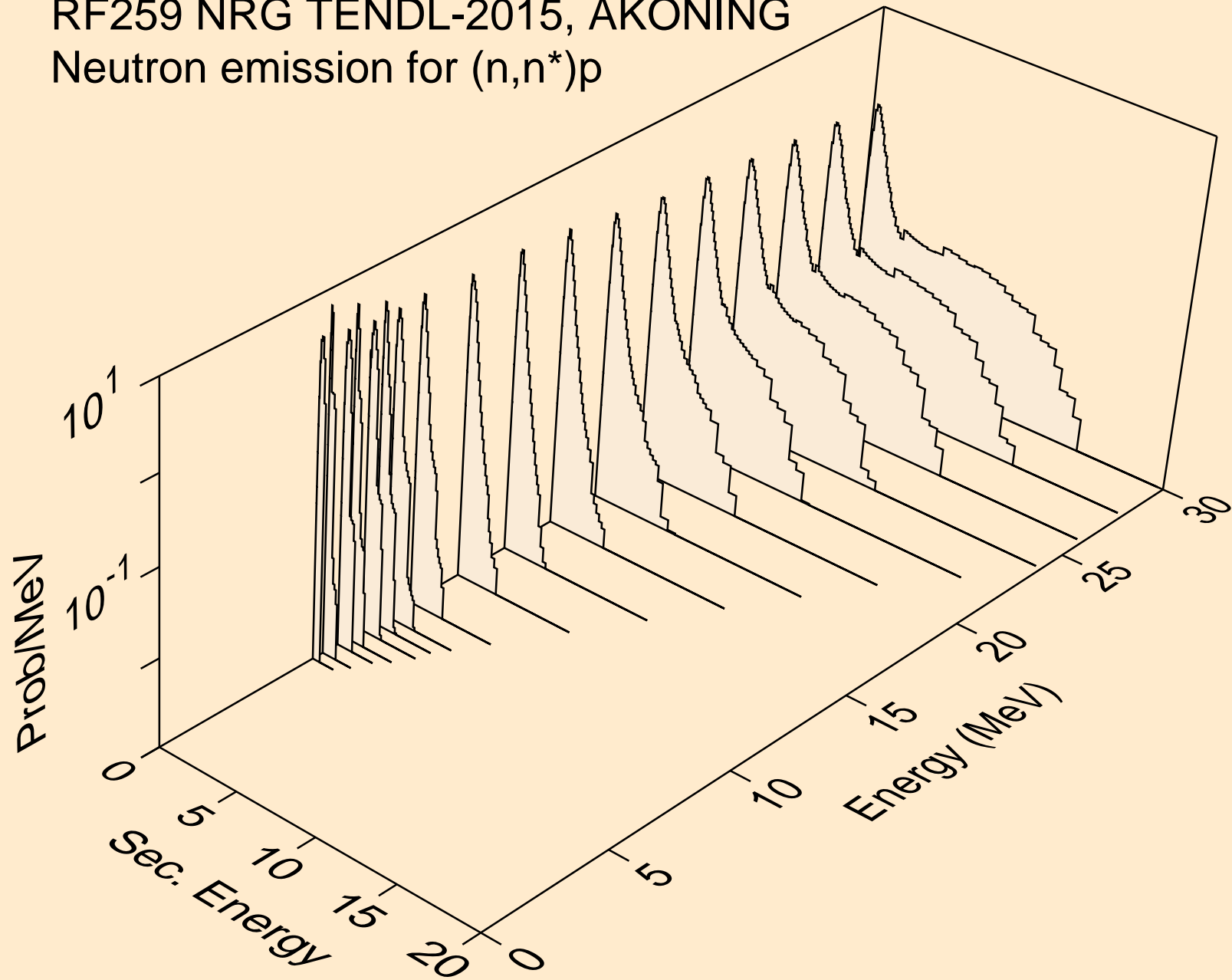
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



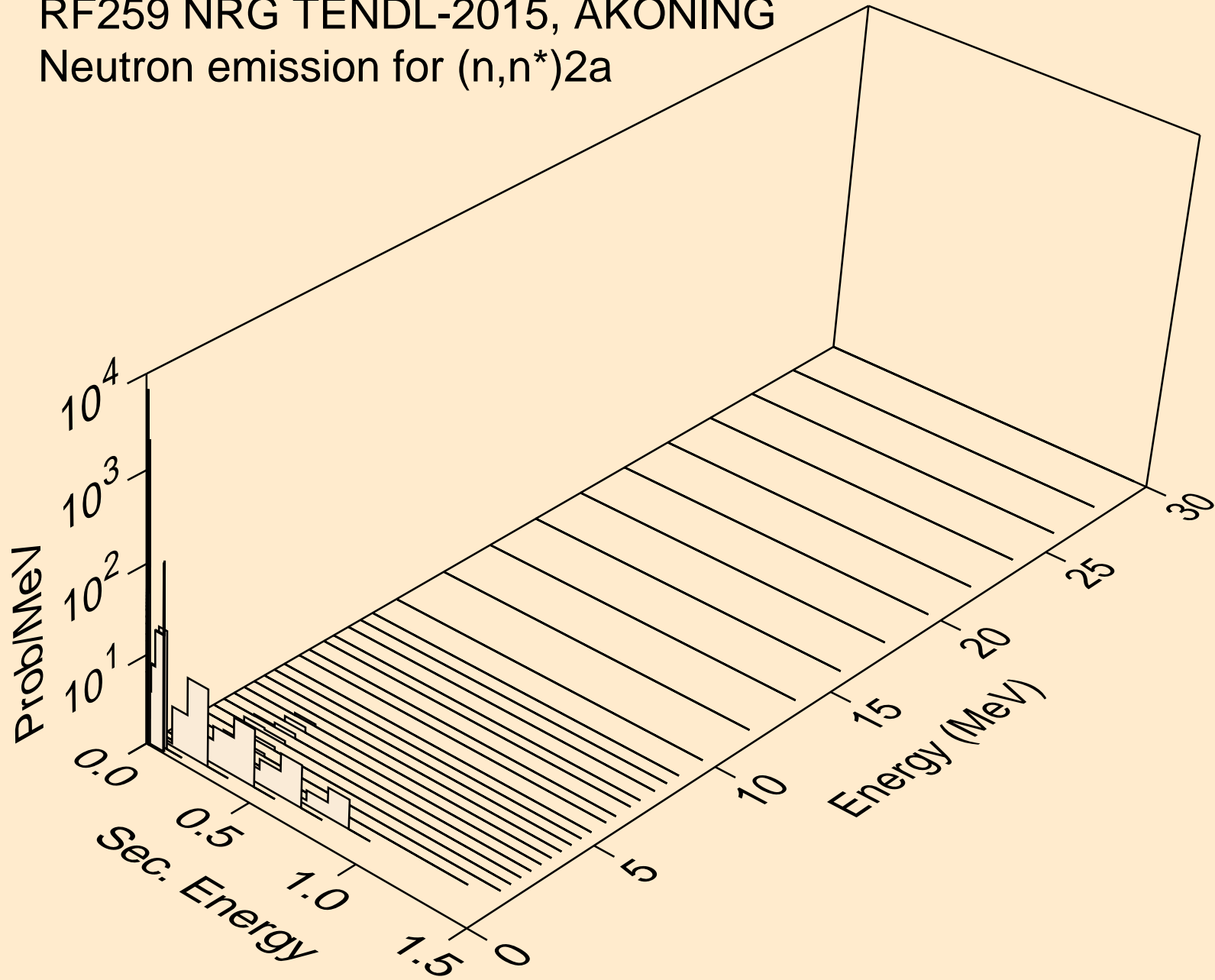
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



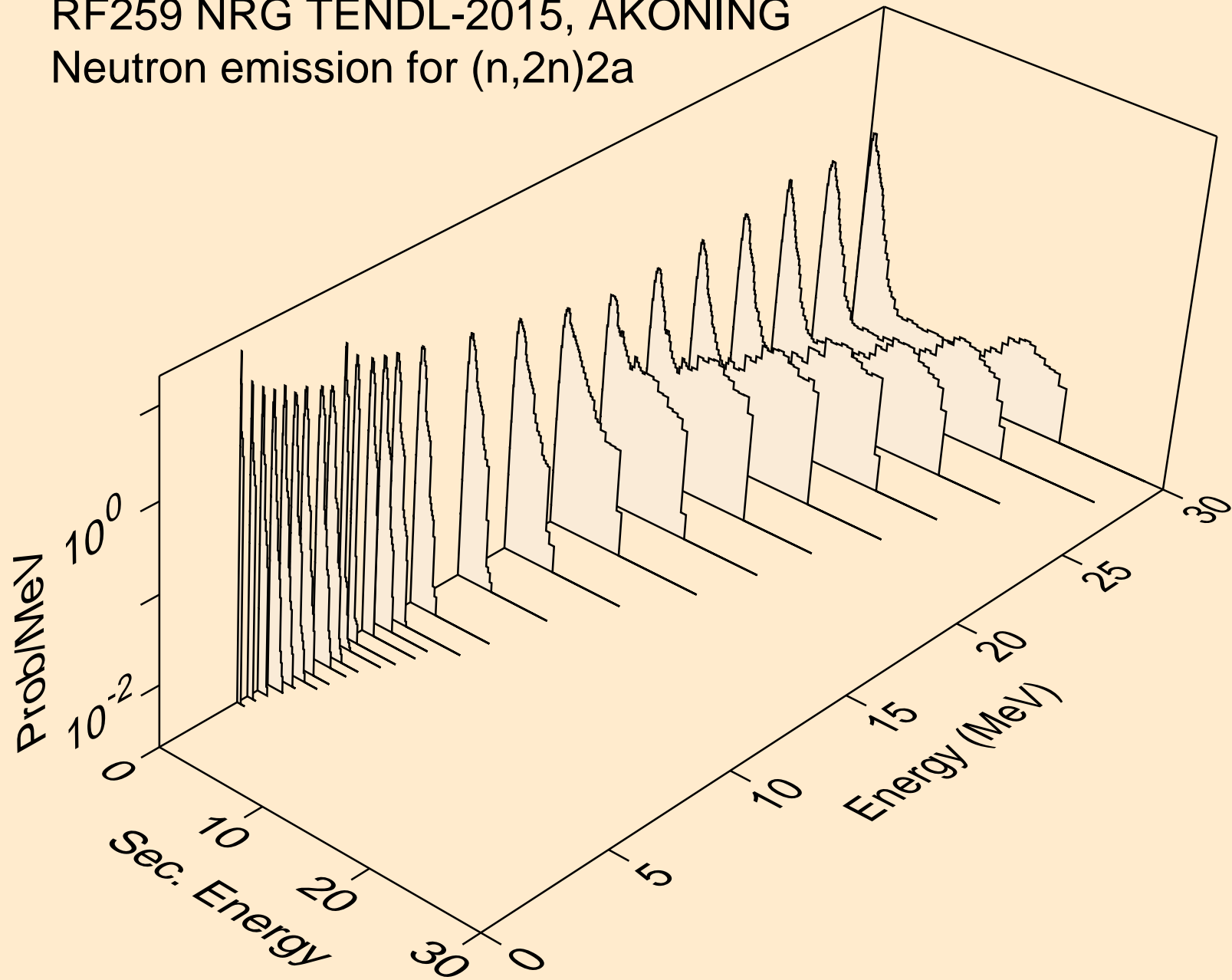
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



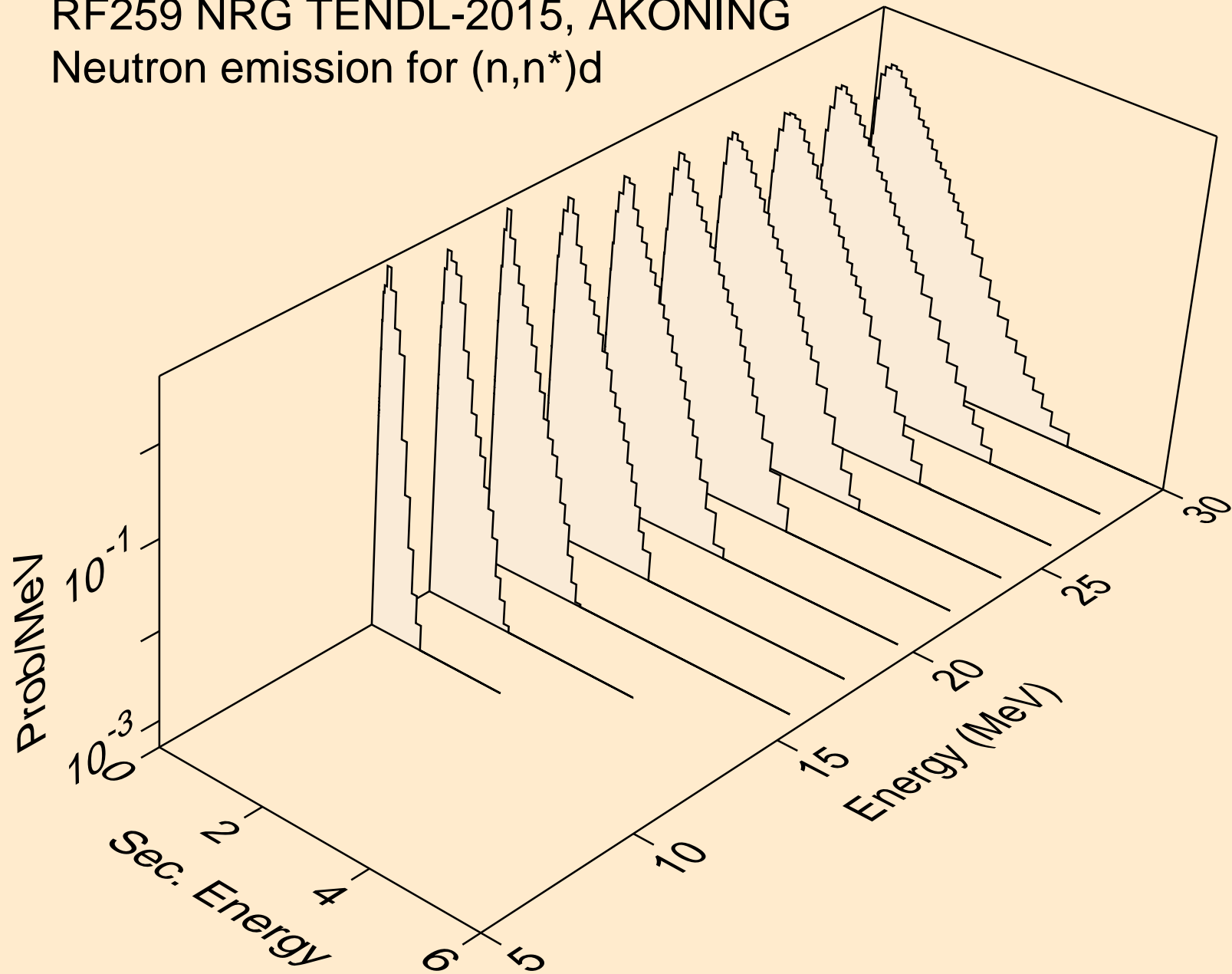
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



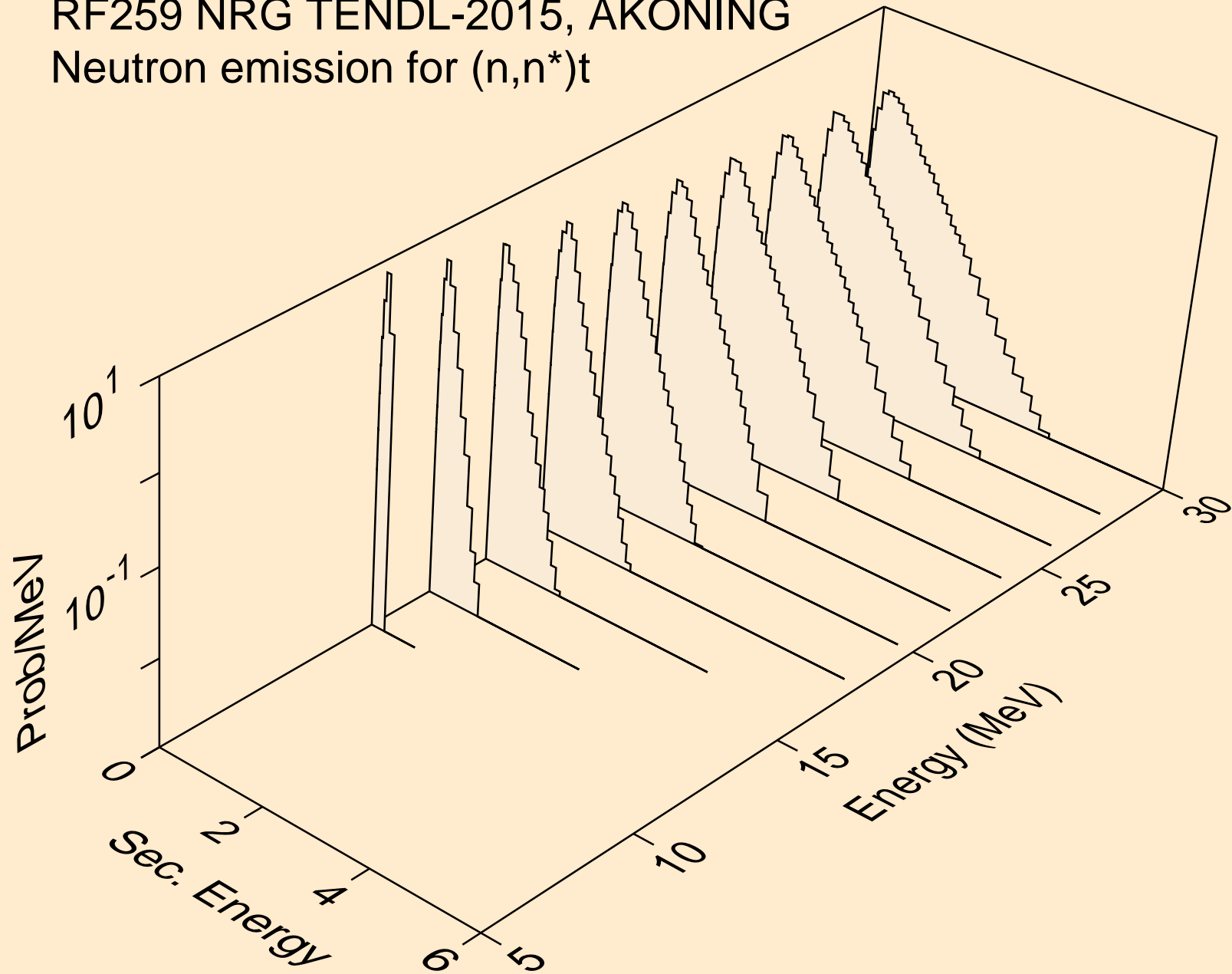
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



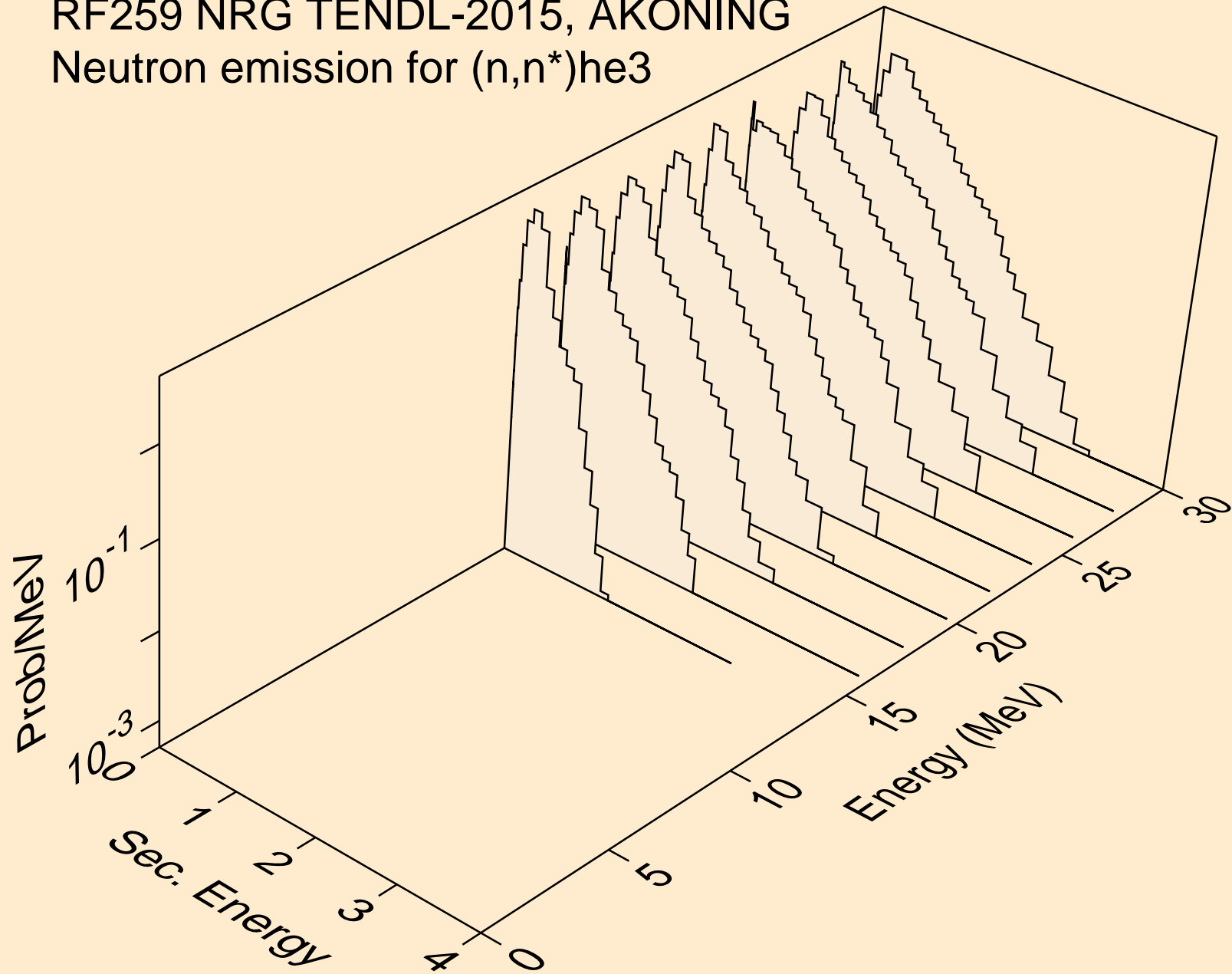
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

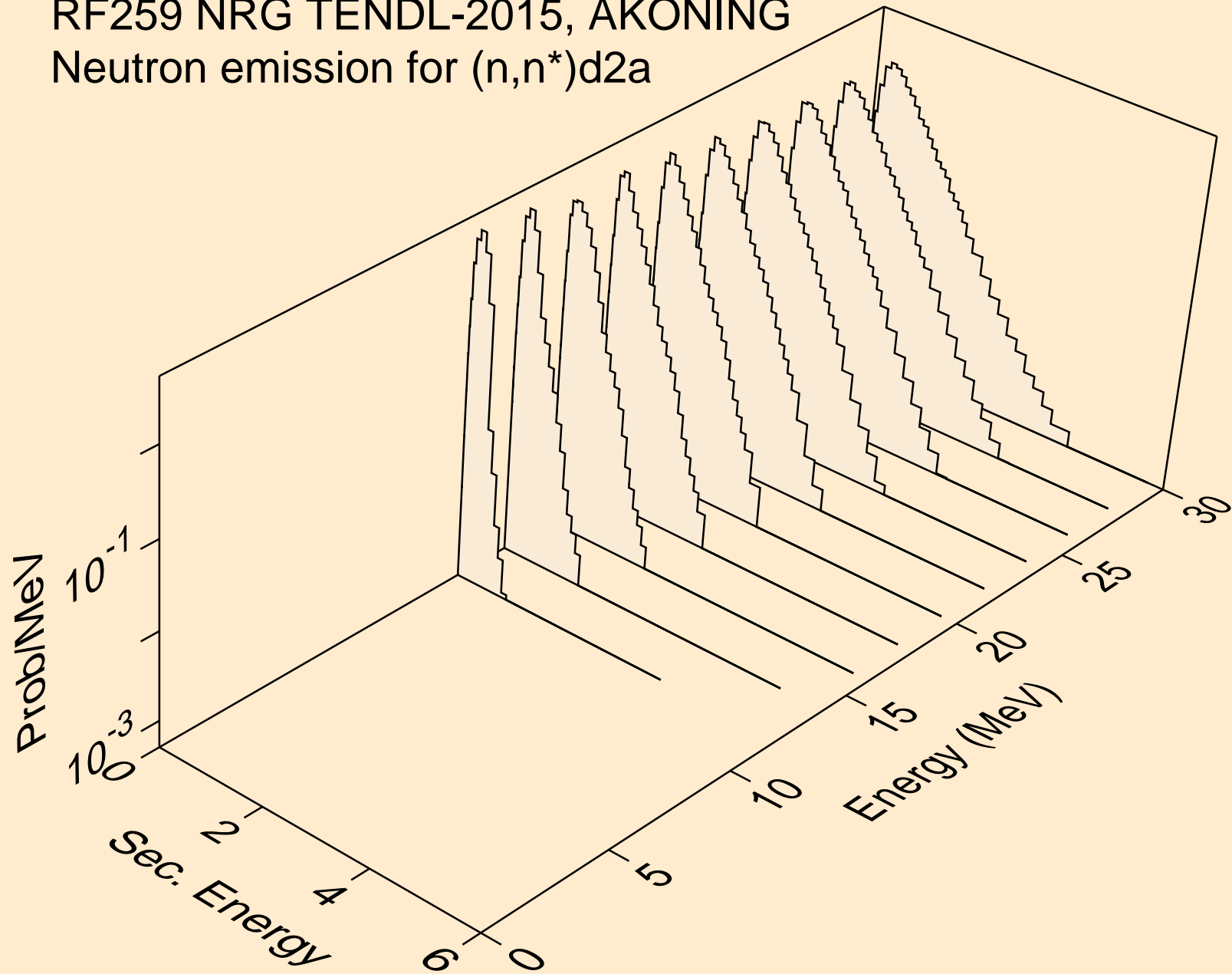


RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

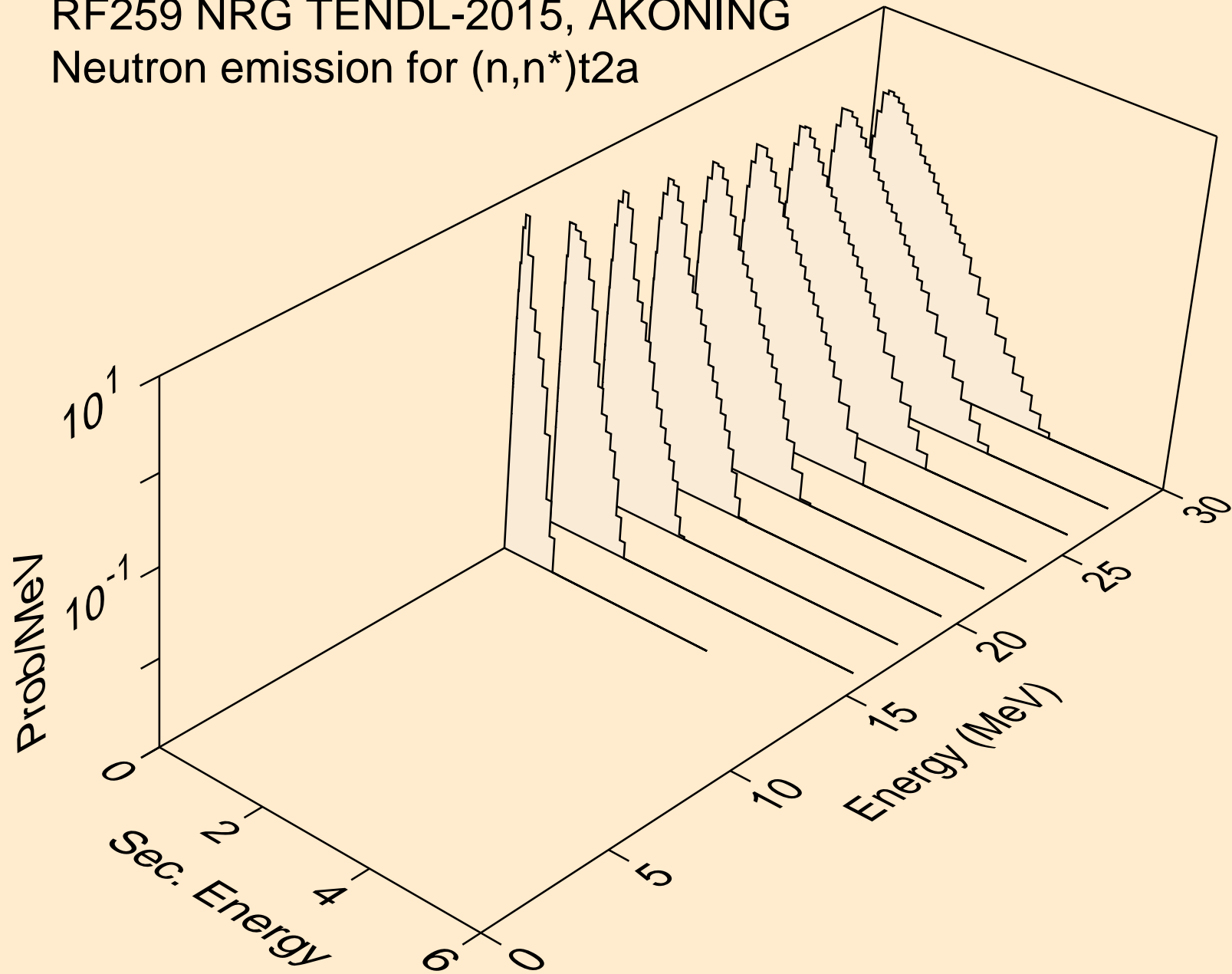




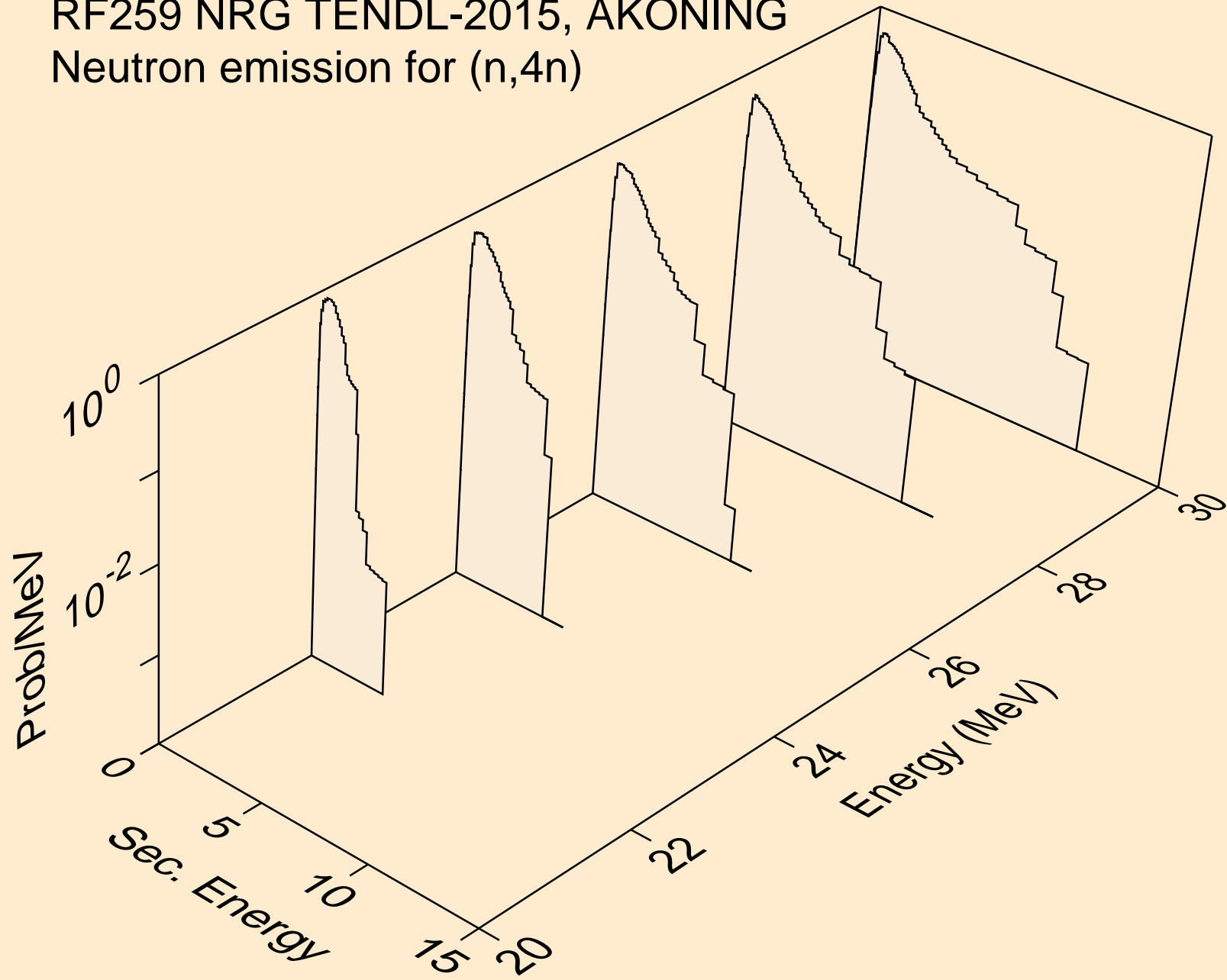
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



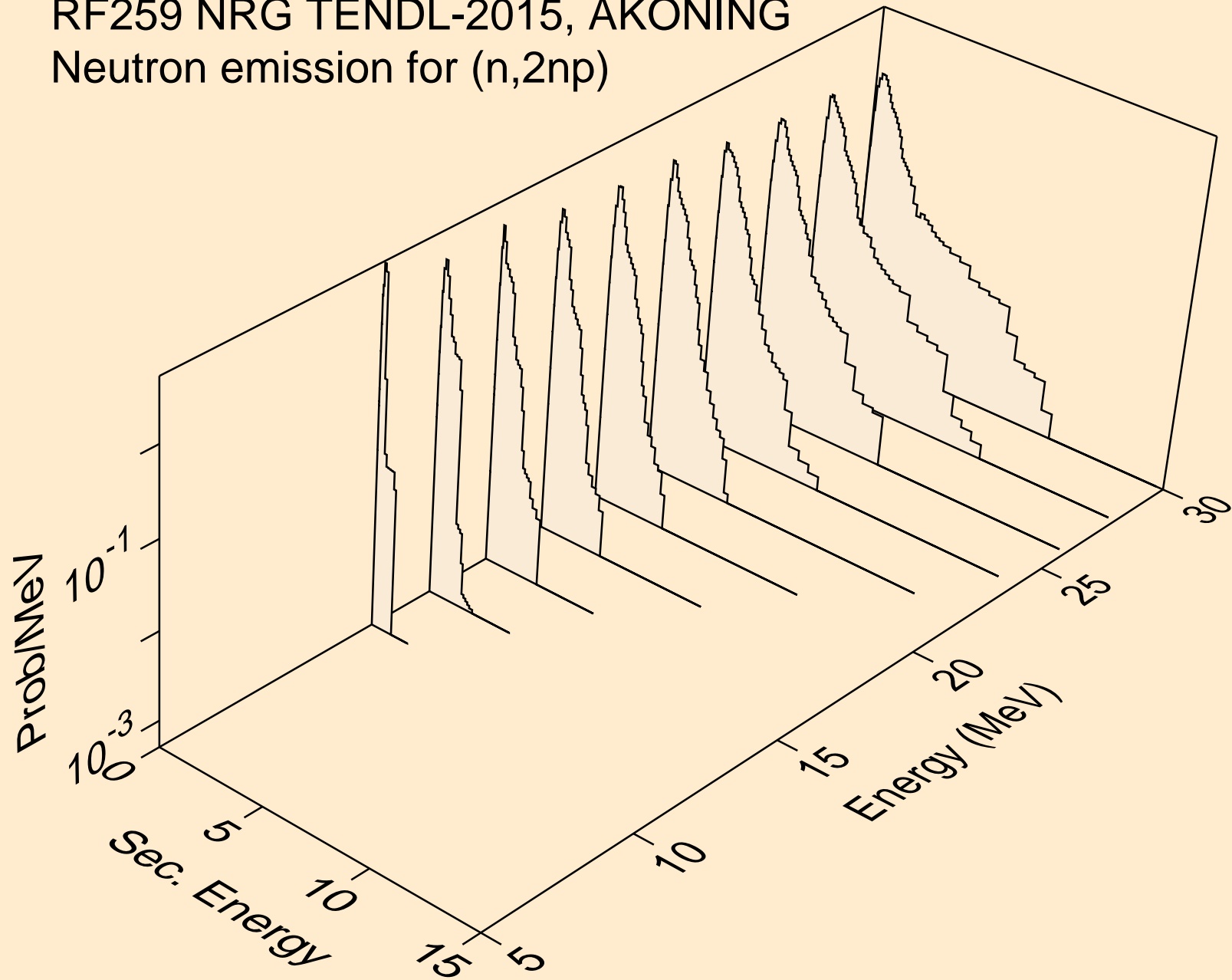
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



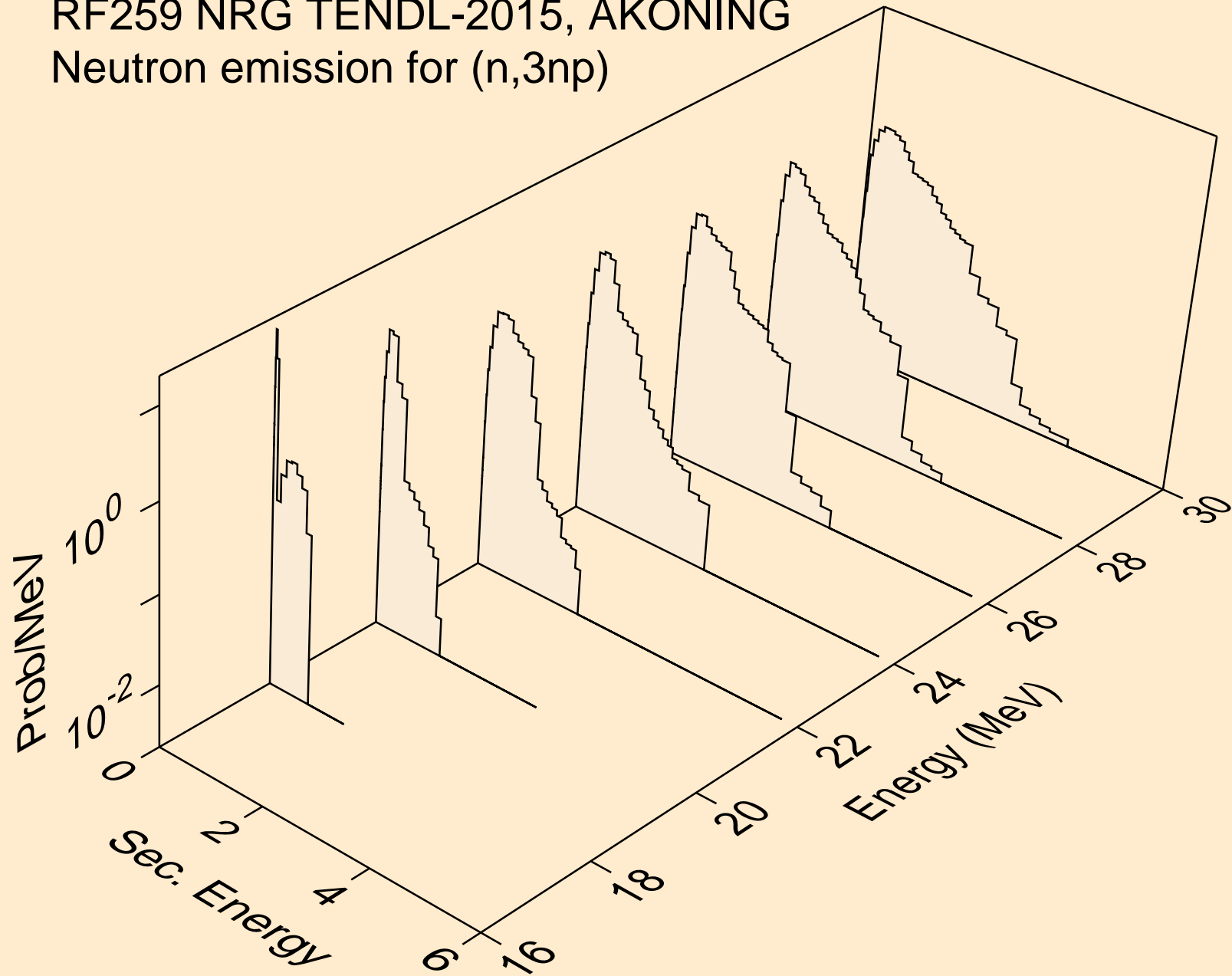
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



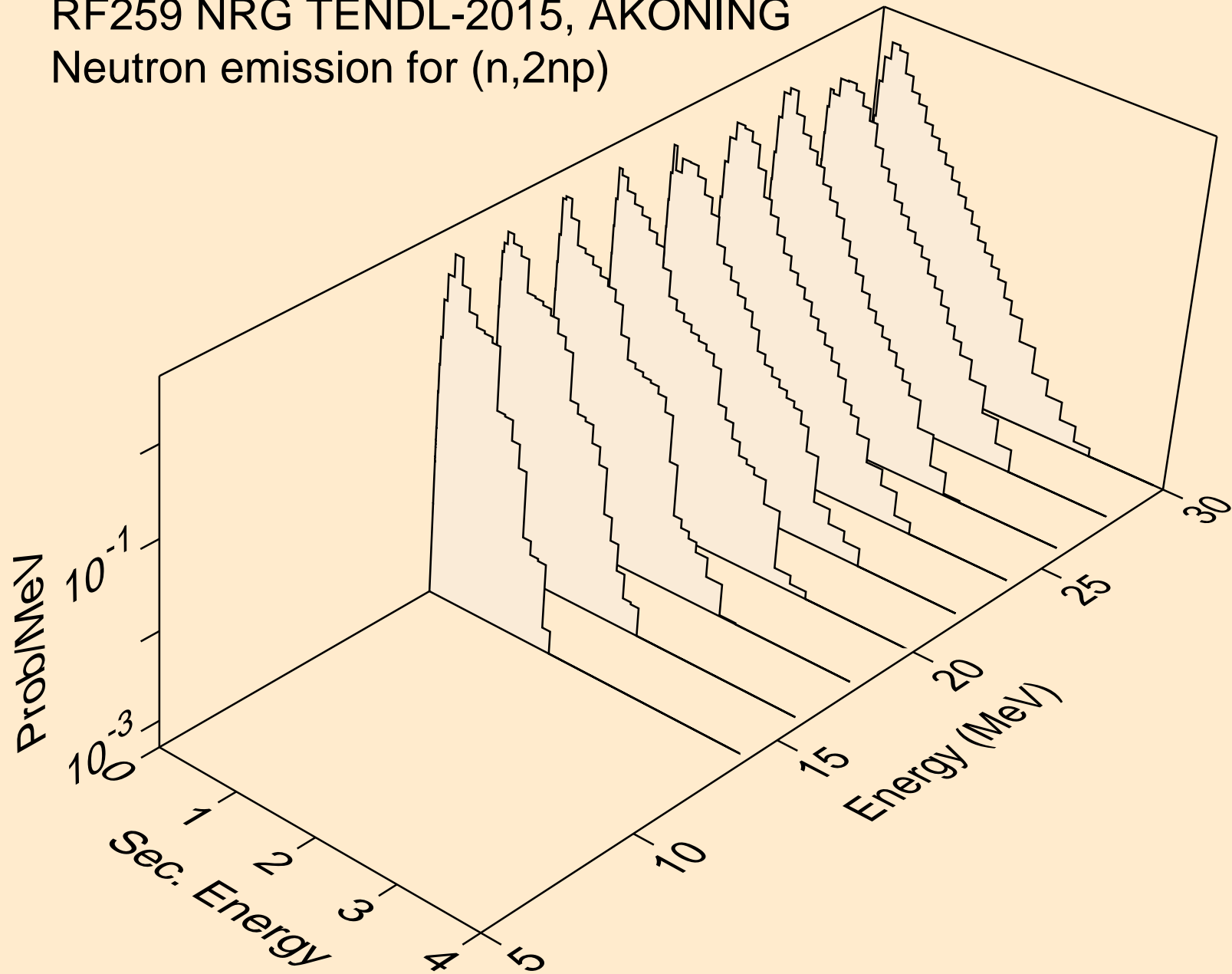
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



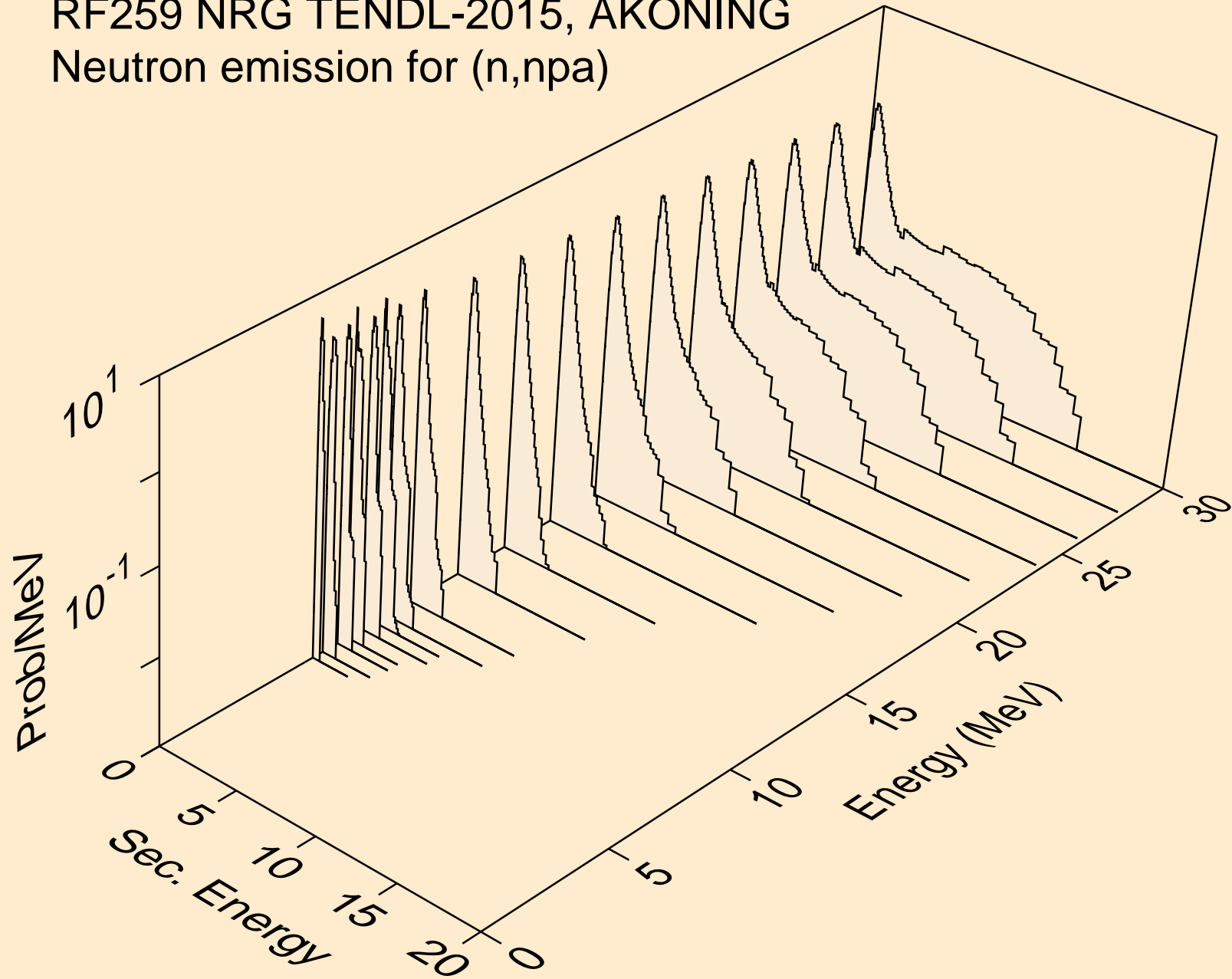
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



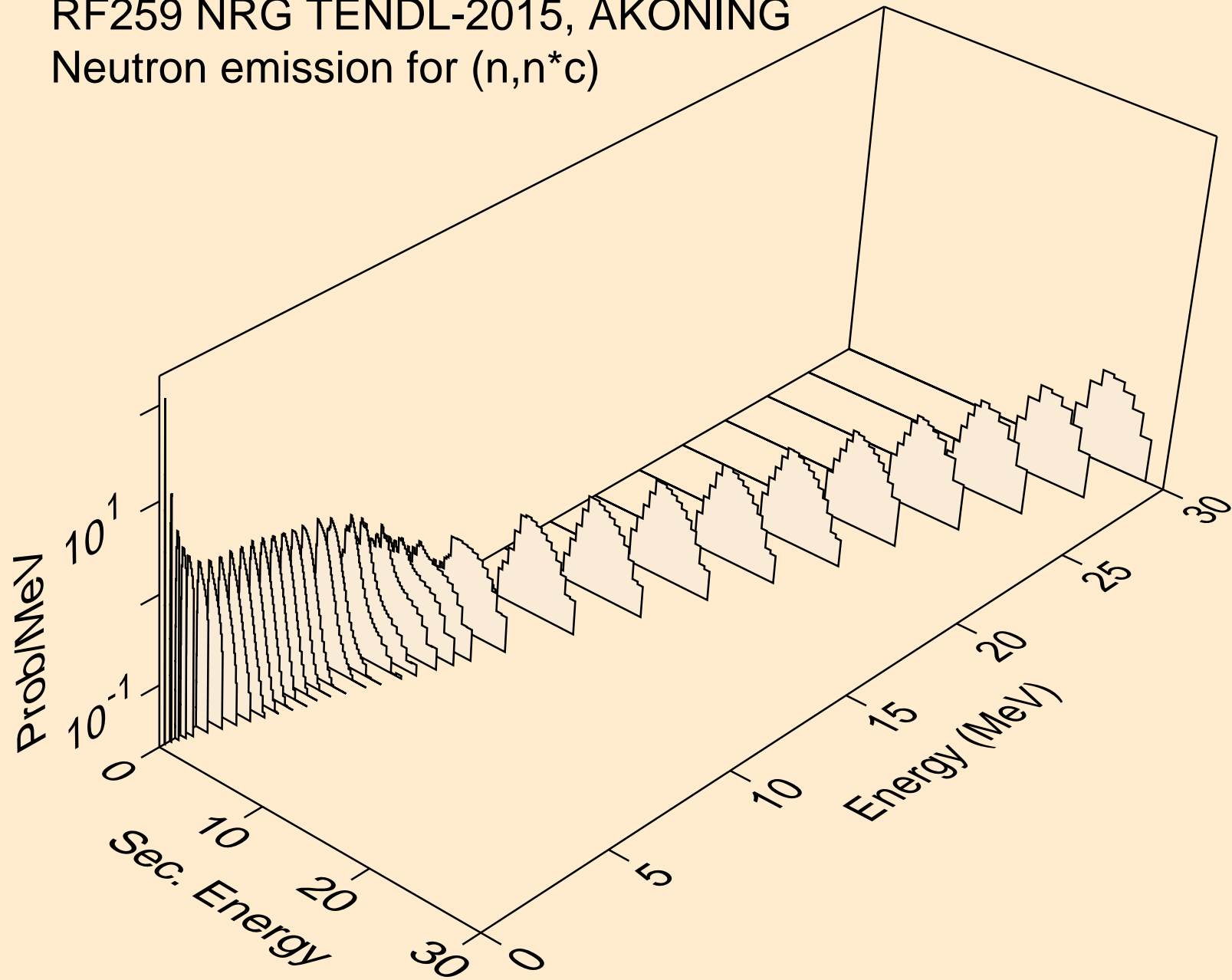
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



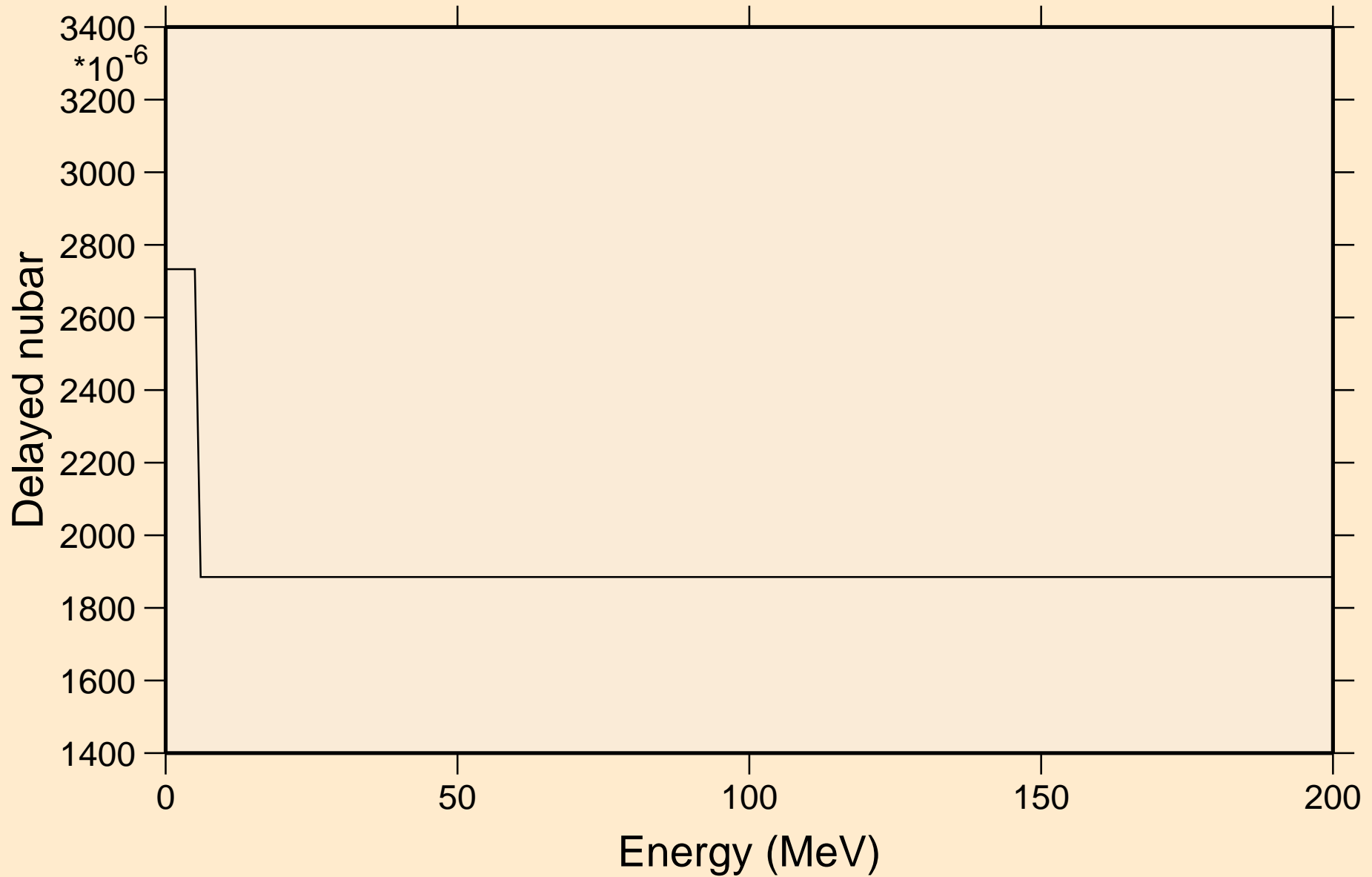
RF259 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)





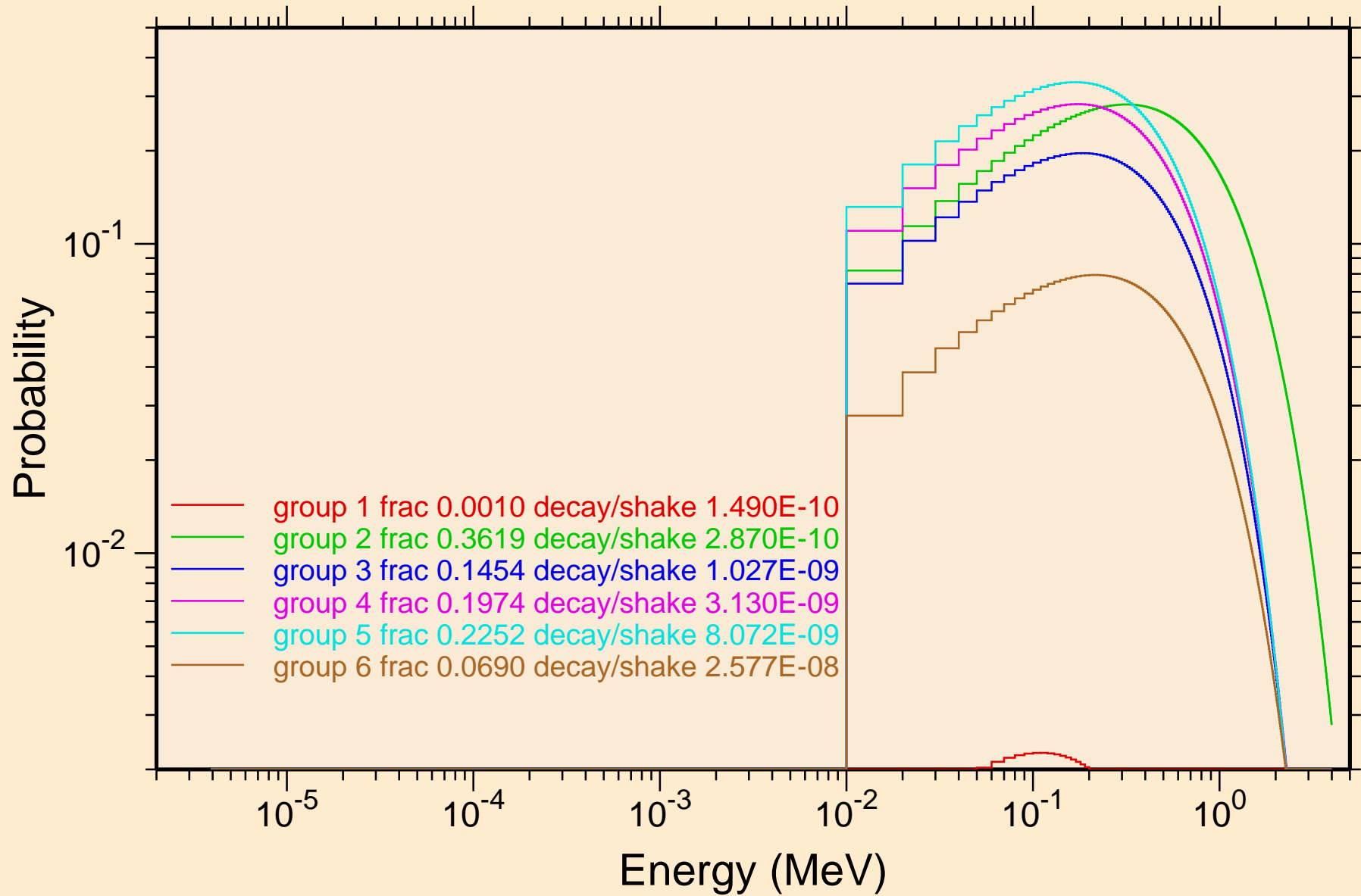
# RF259 NRG TENDL-2015, AKONING

Delayed nubar

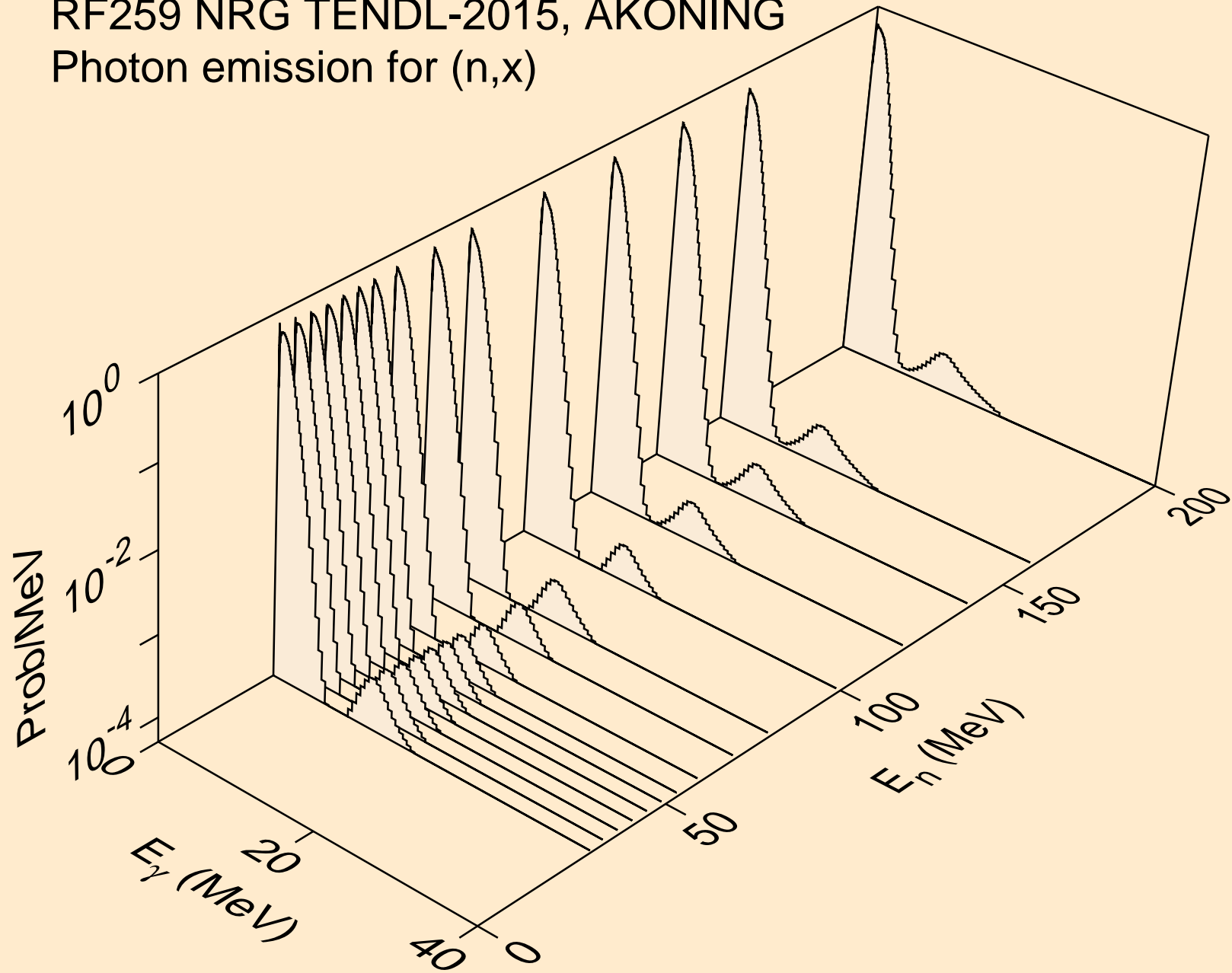


# RF259 NRG TENDL-2015, AKONING

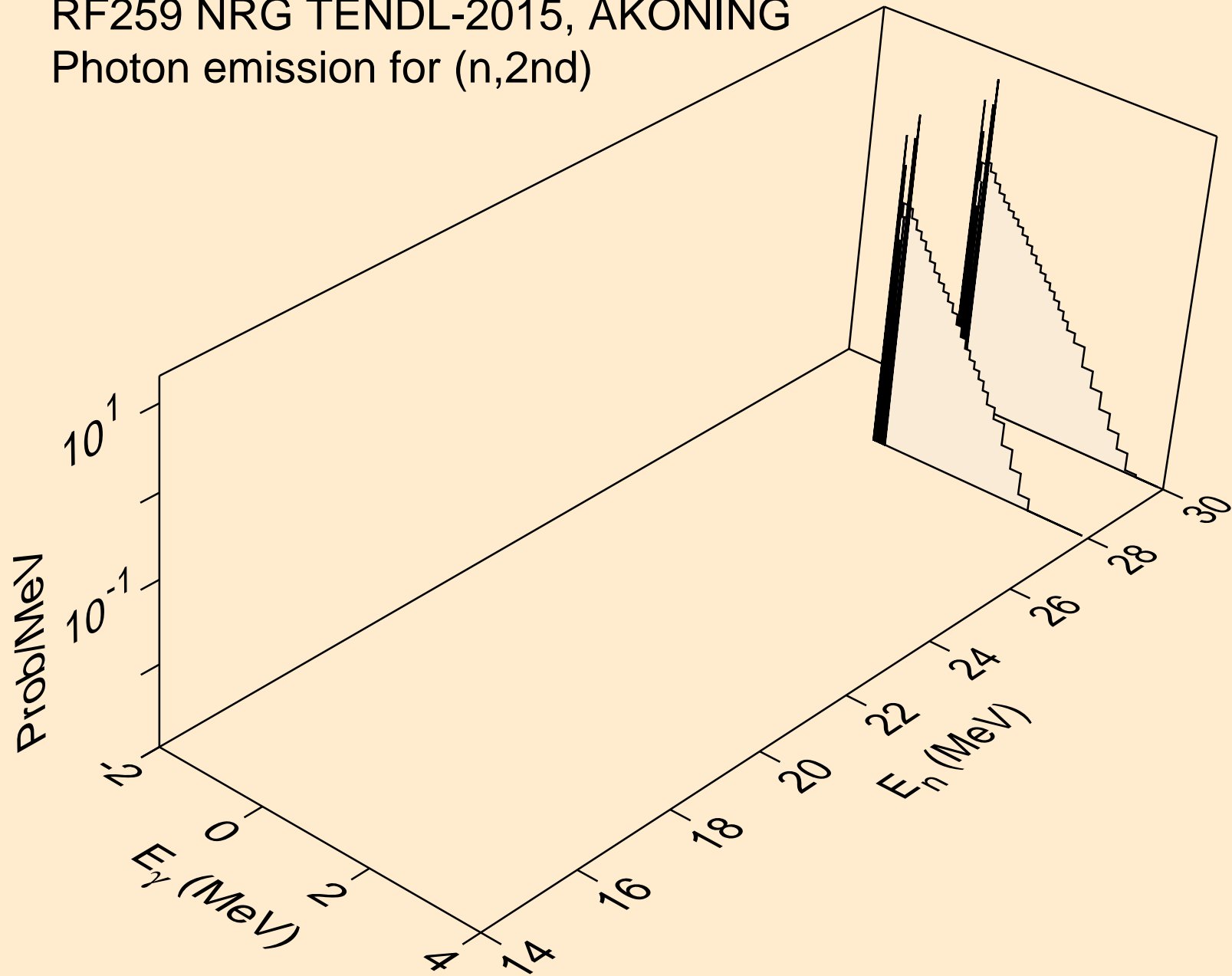
## Delayed neutron spectra



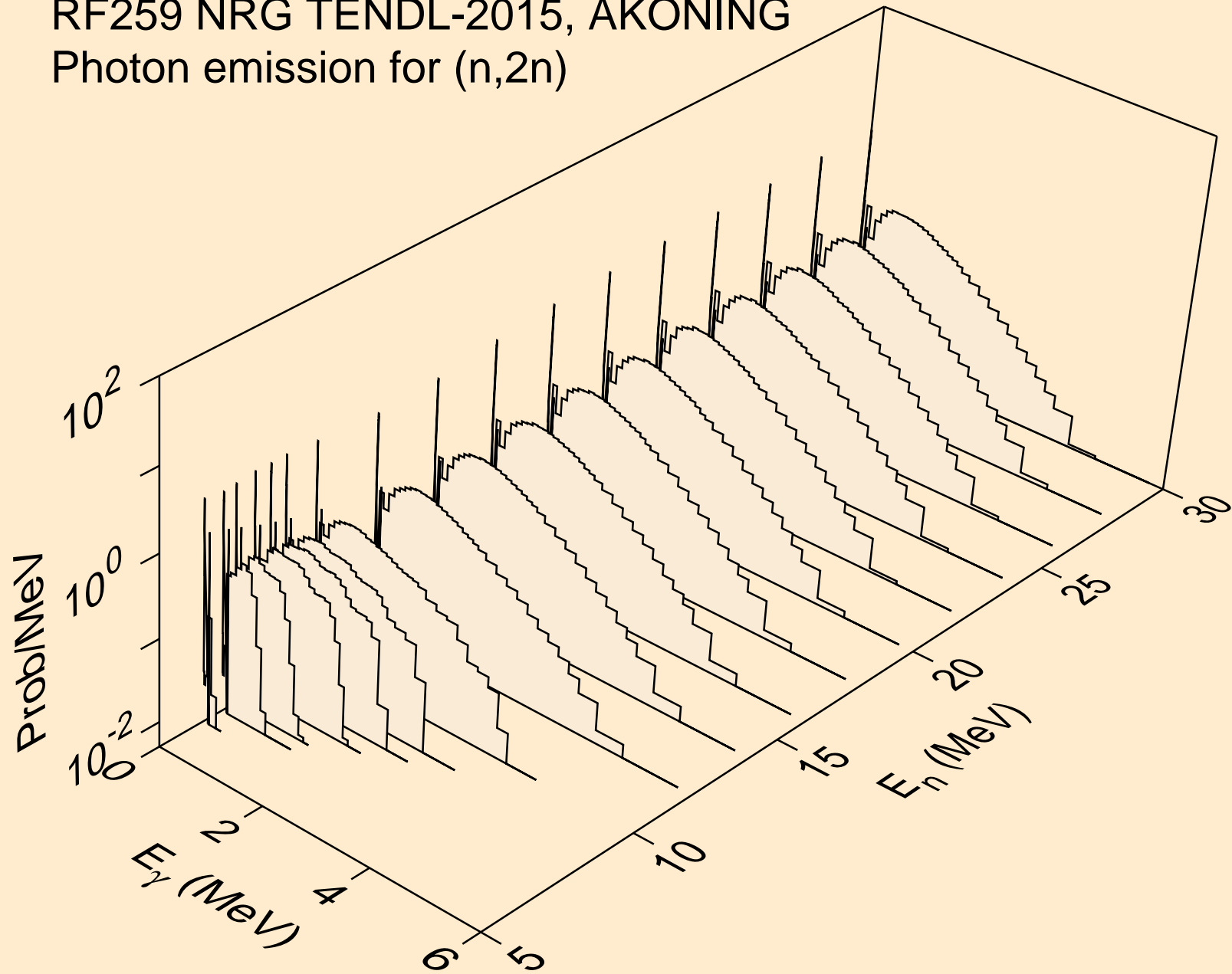
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



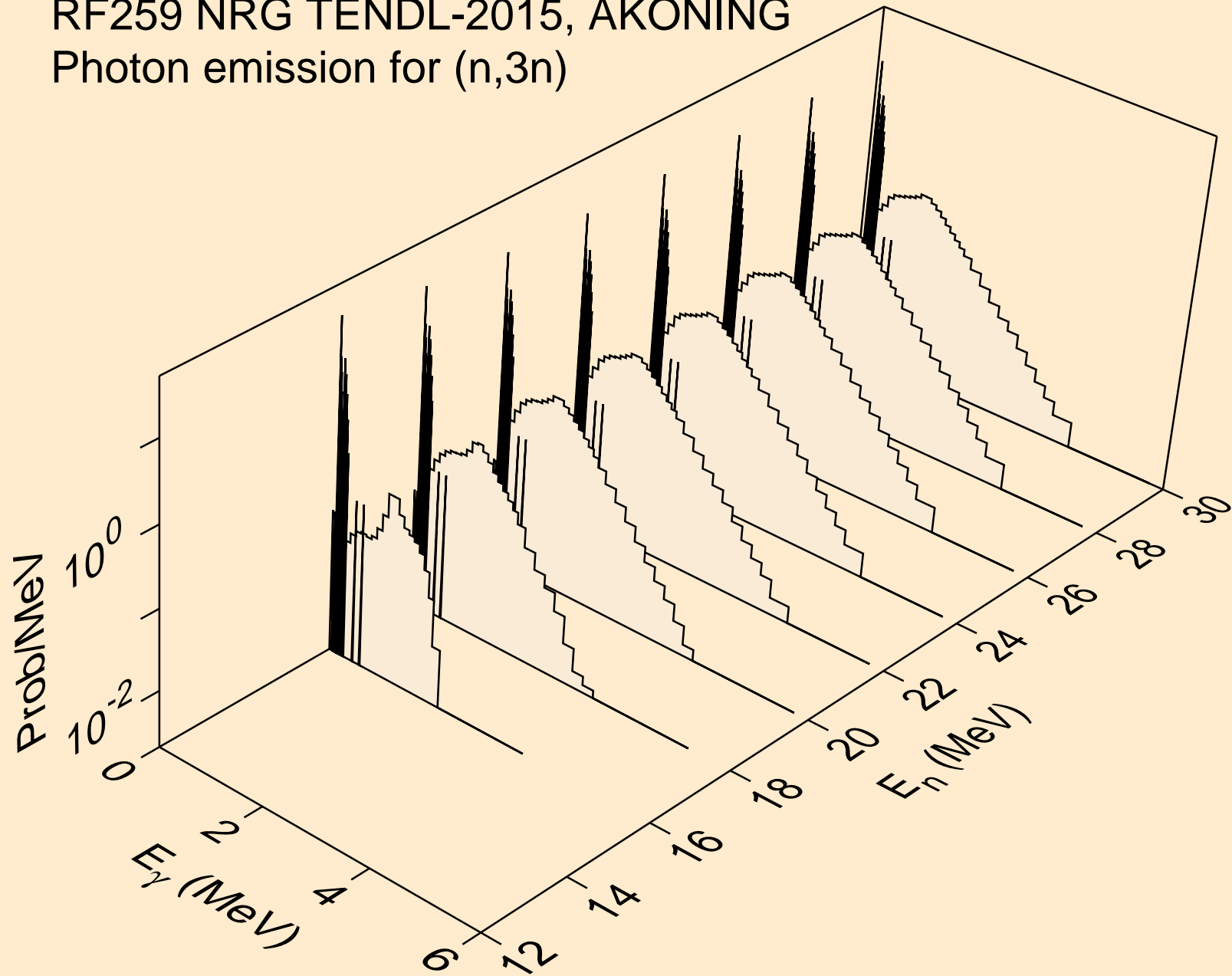
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



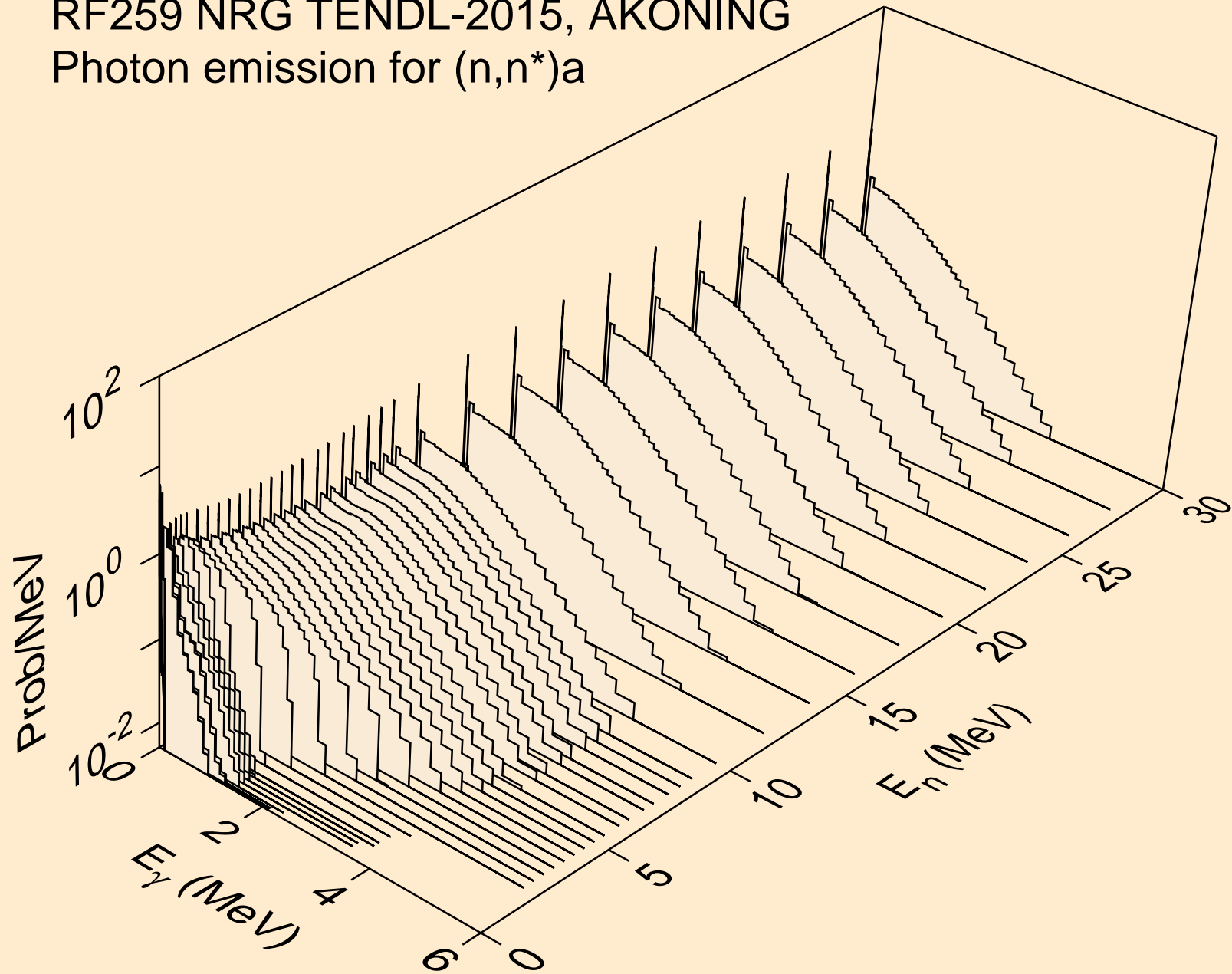
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



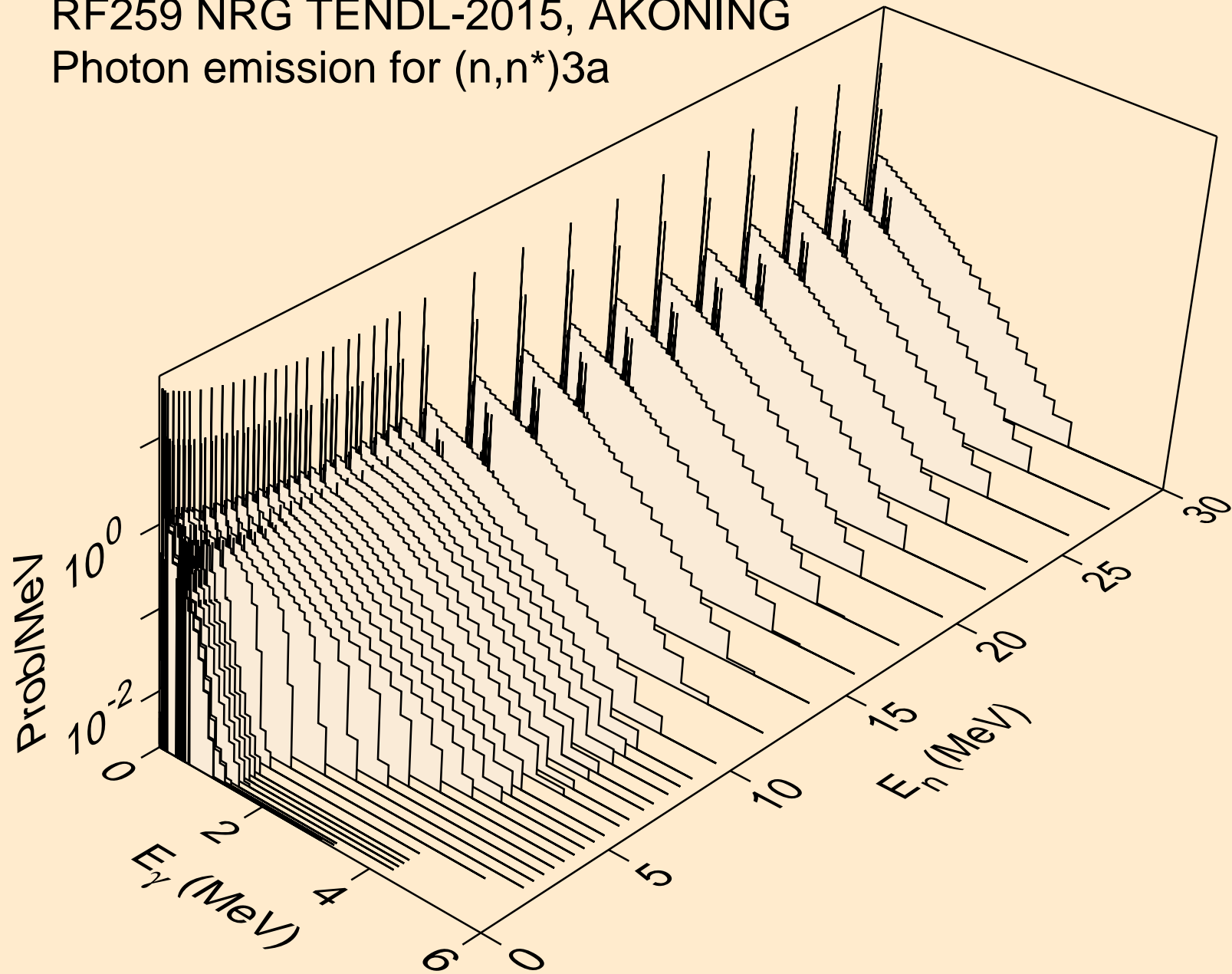
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

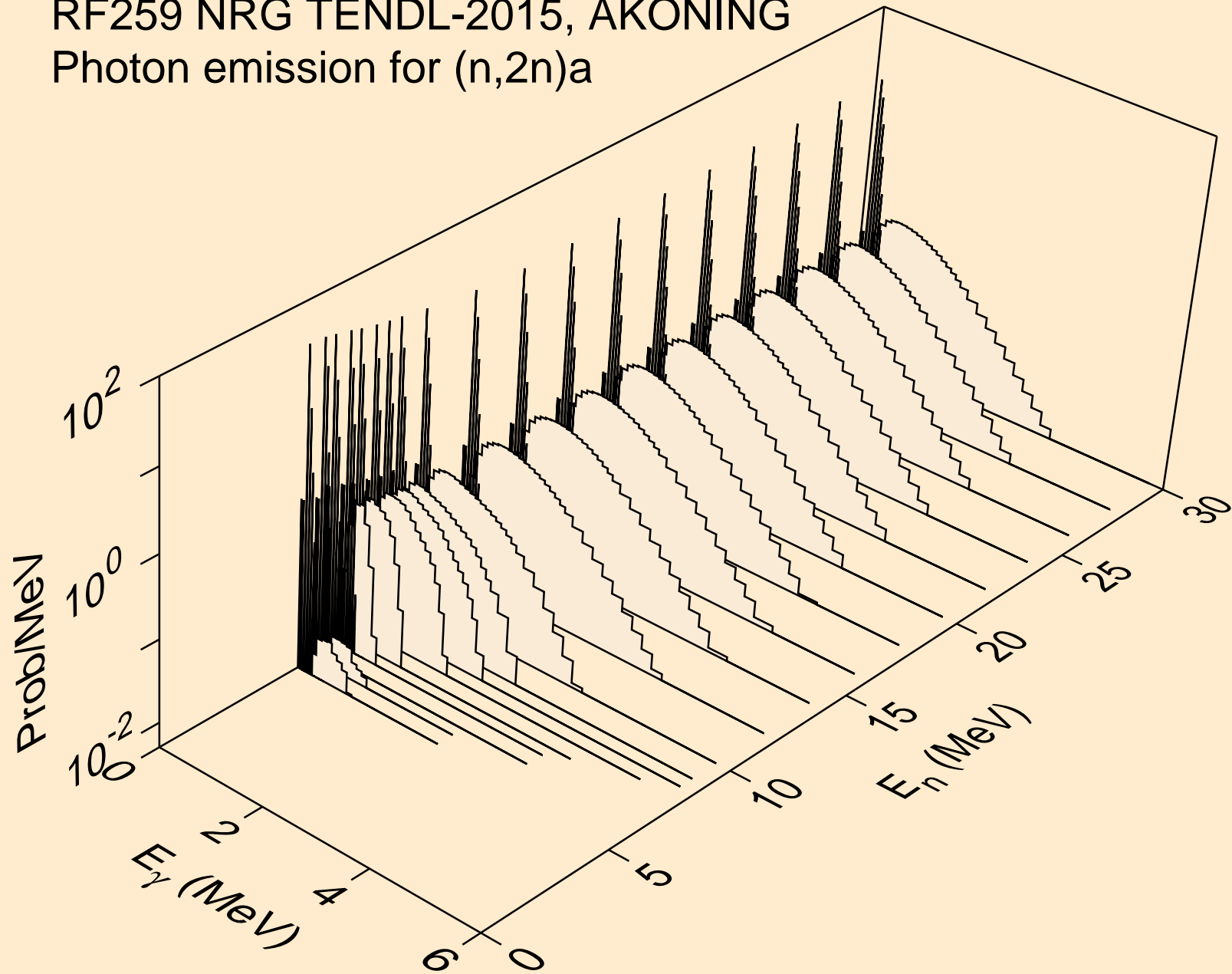


RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

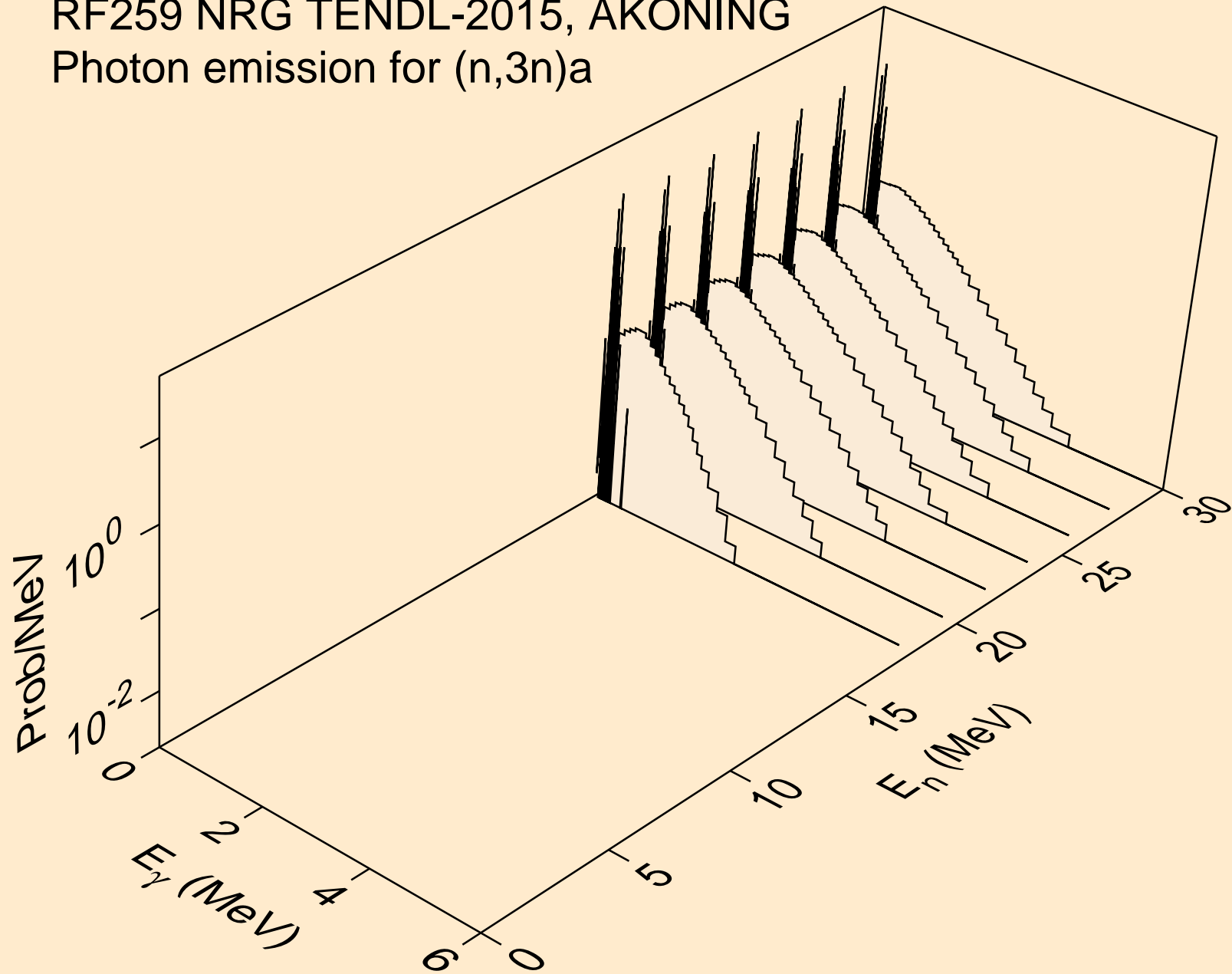




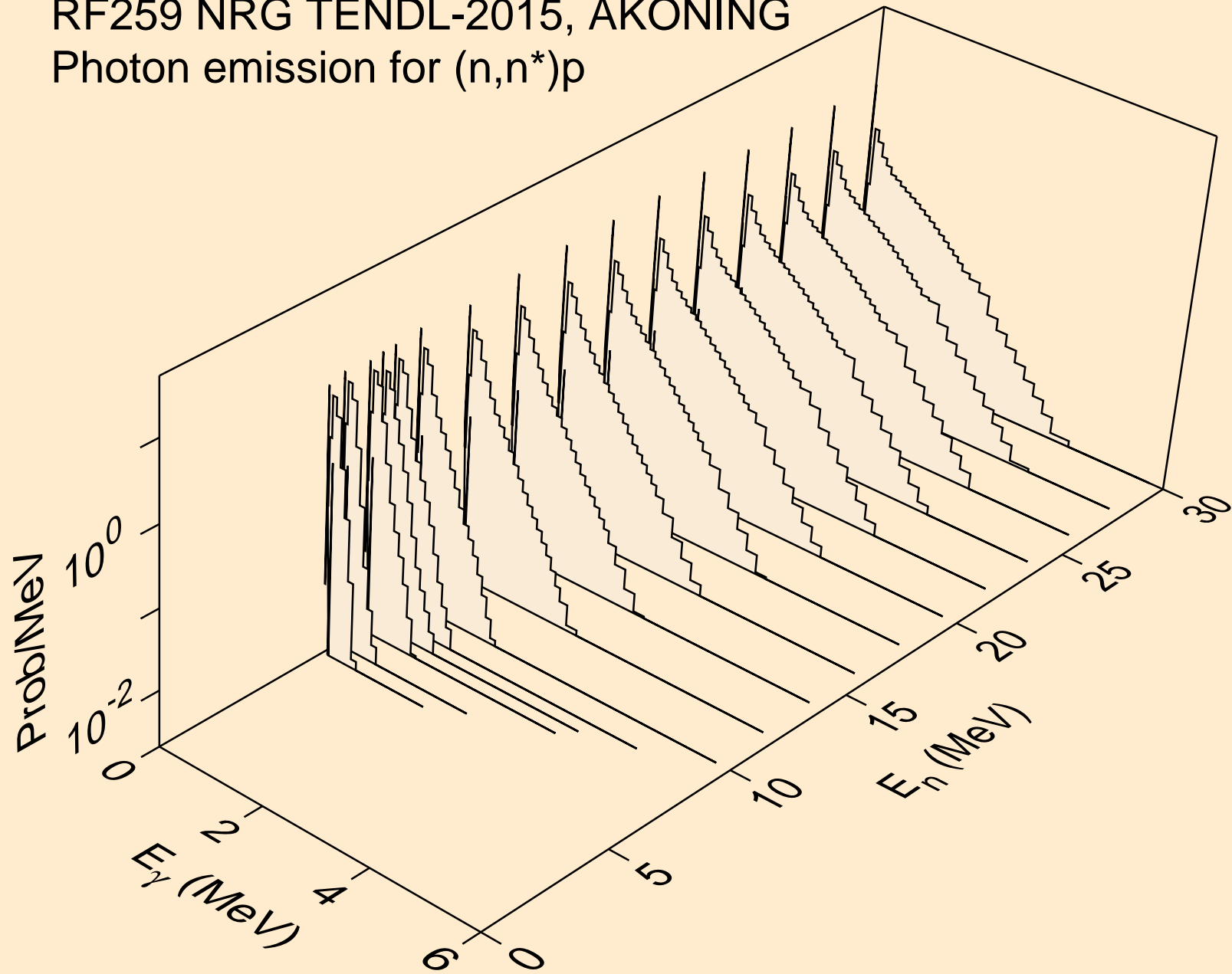
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



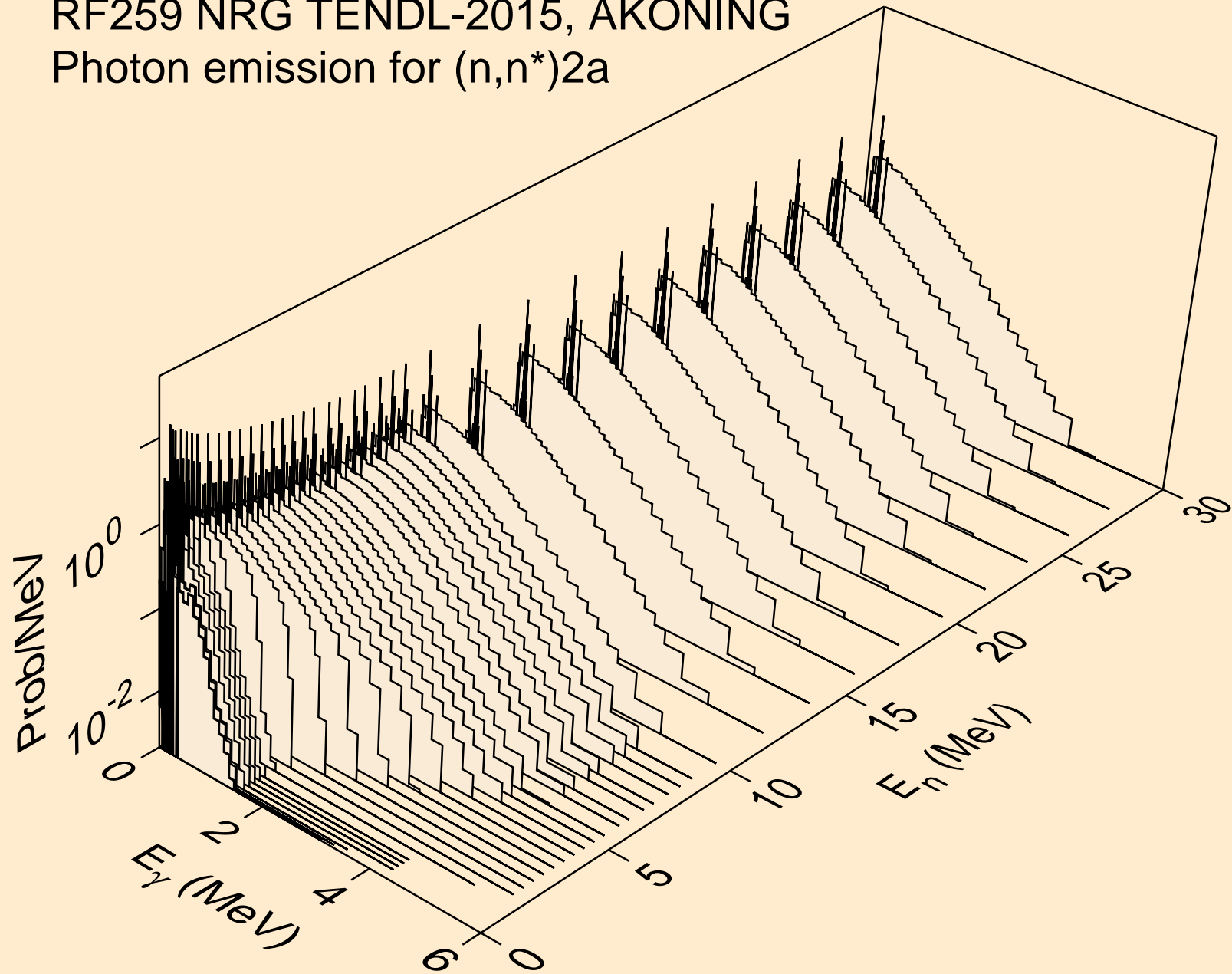
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



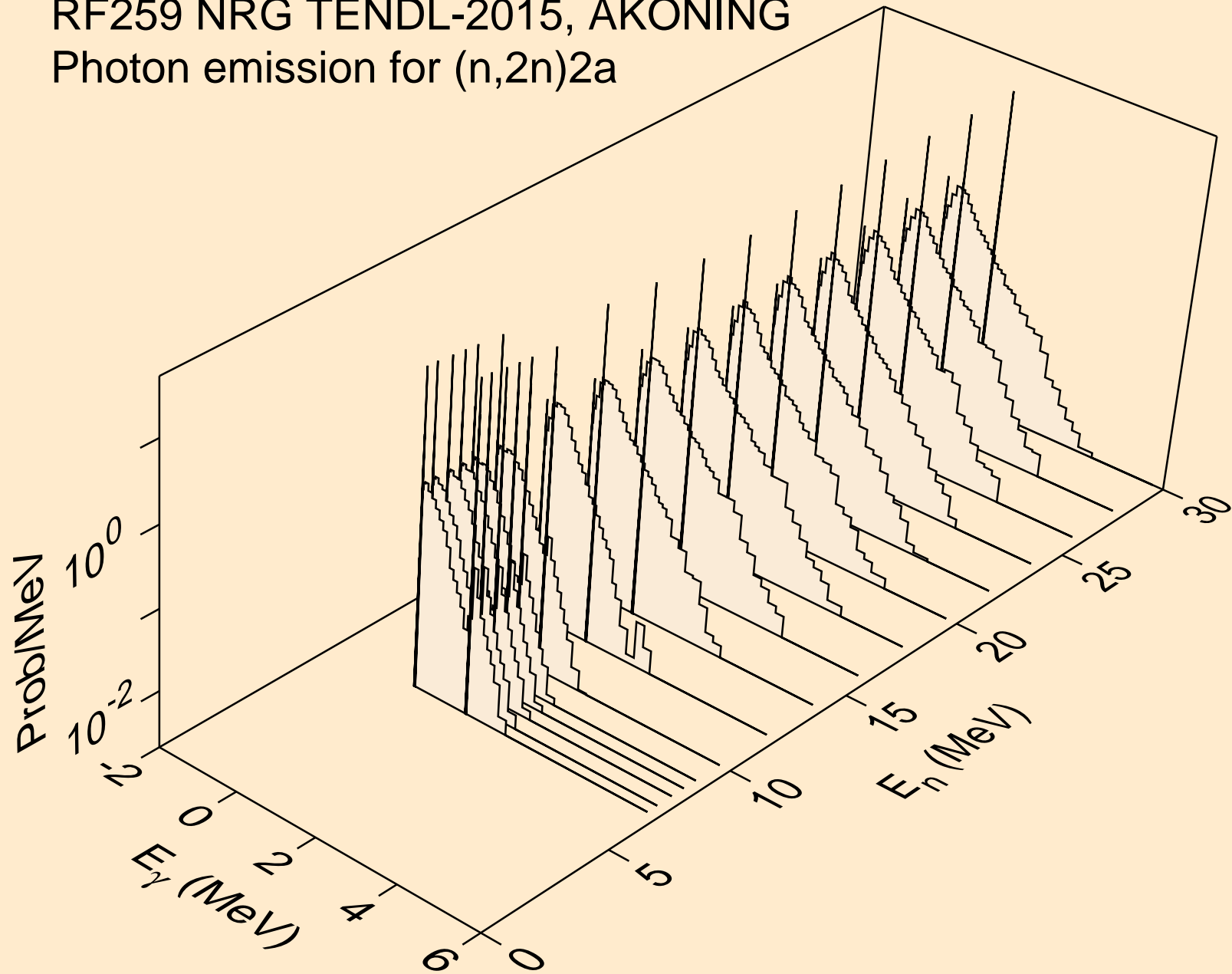
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



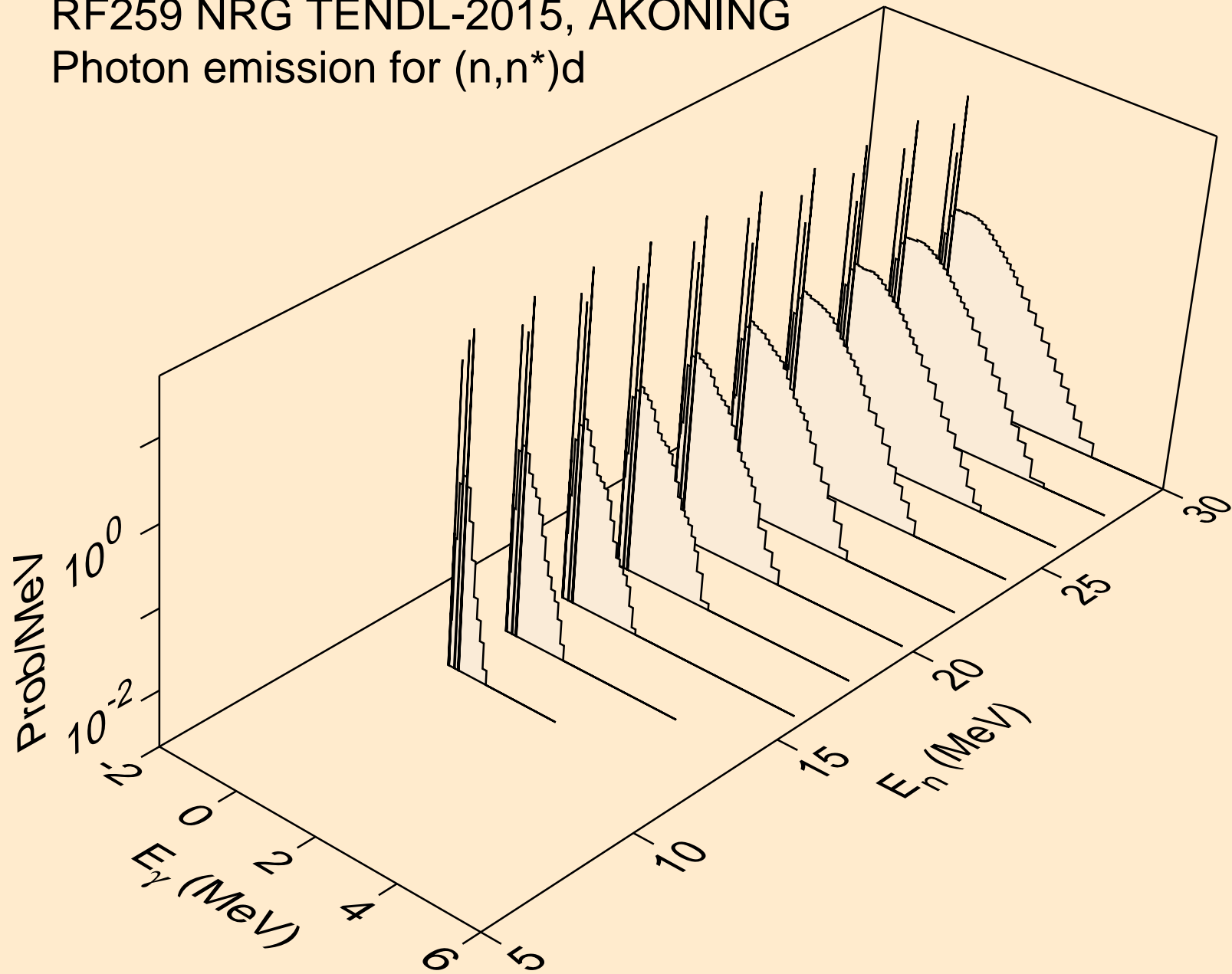
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



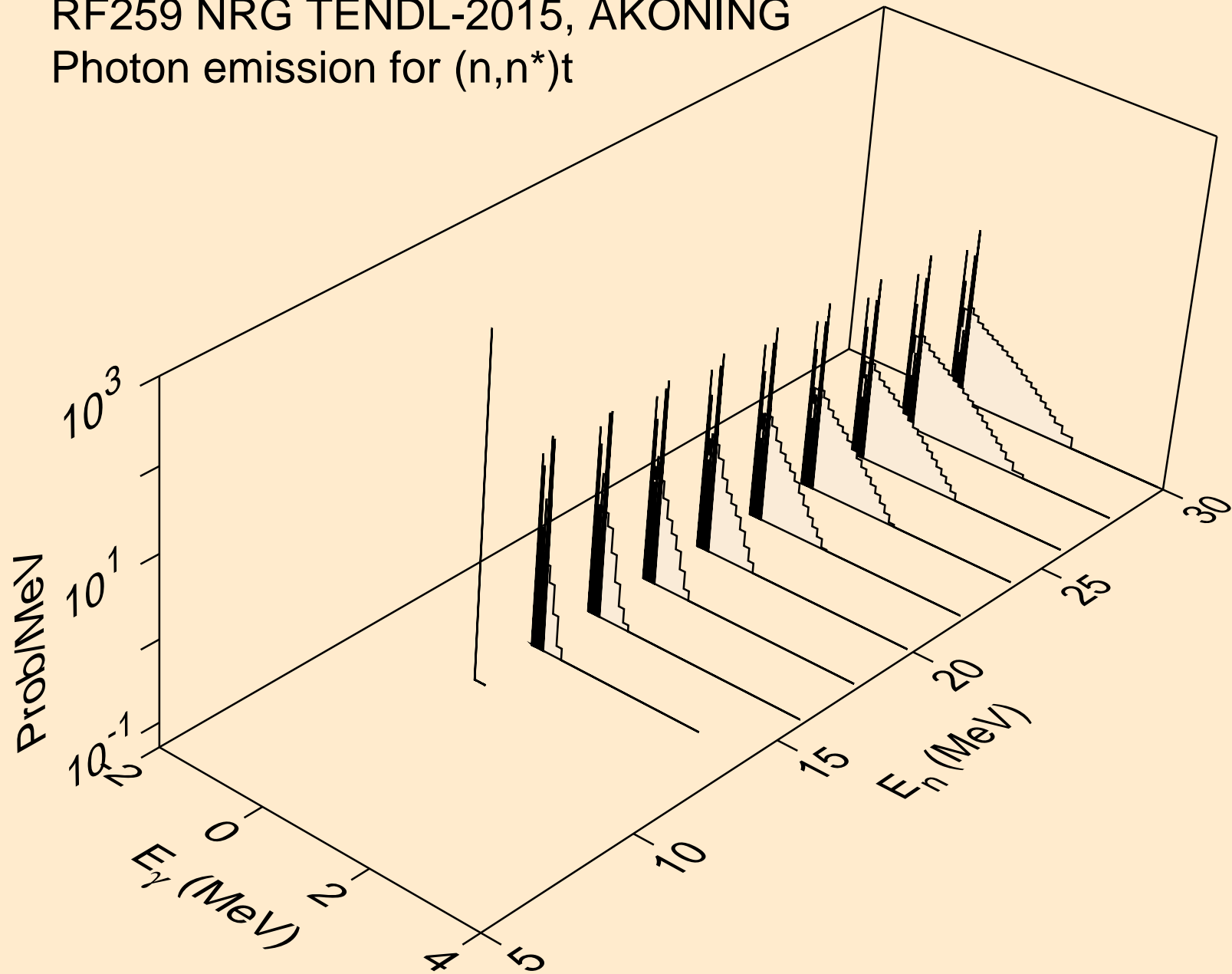
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



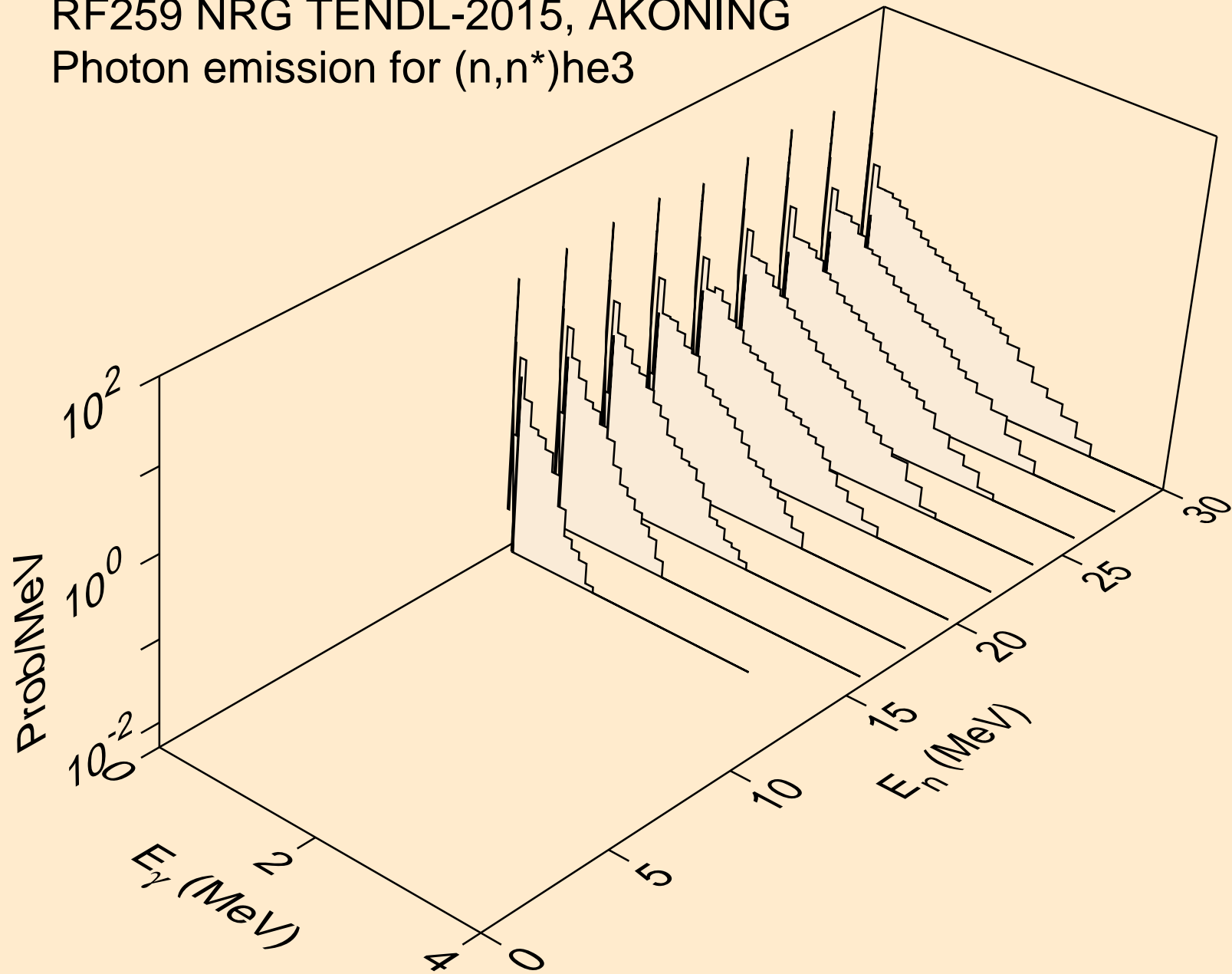
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

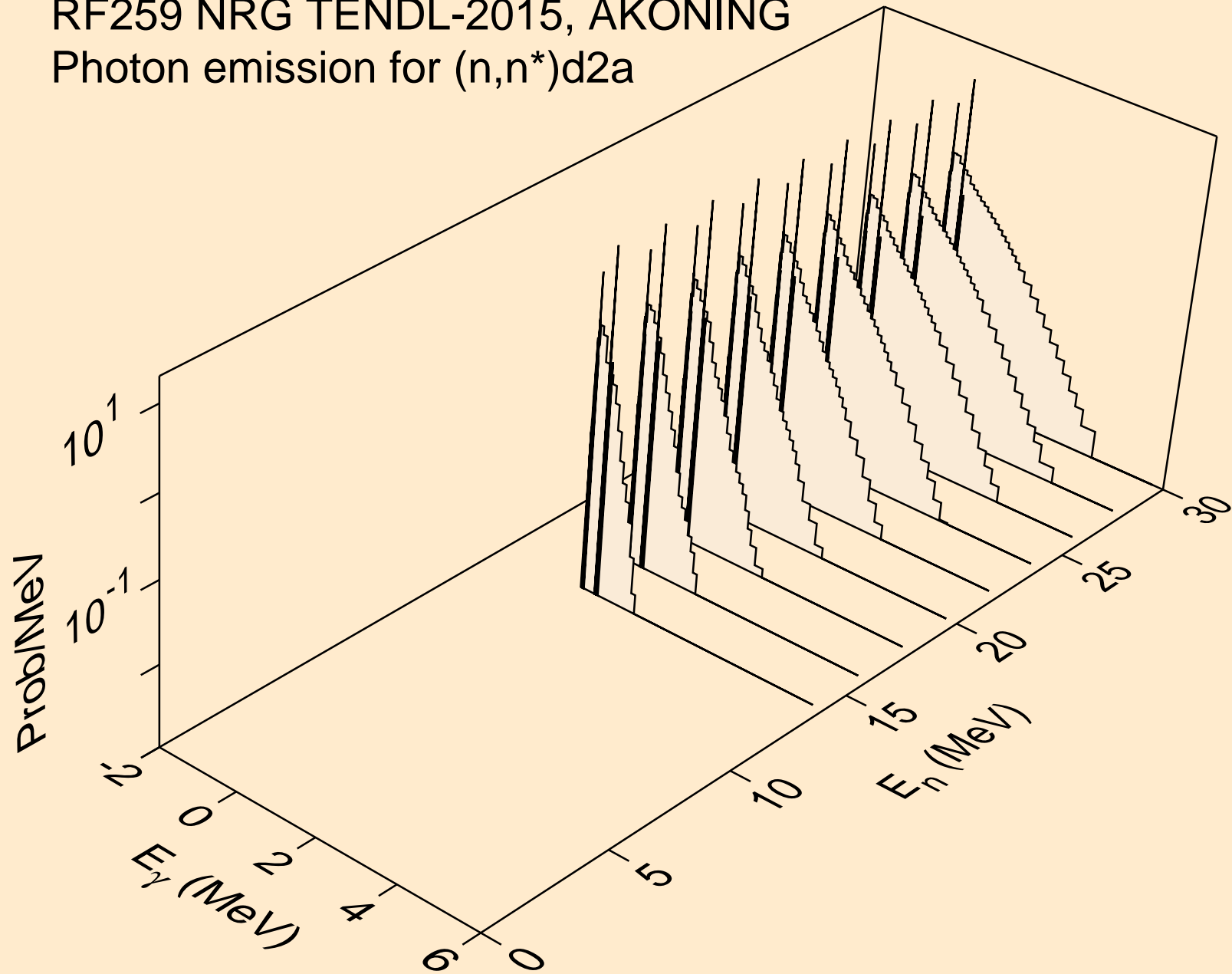


RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

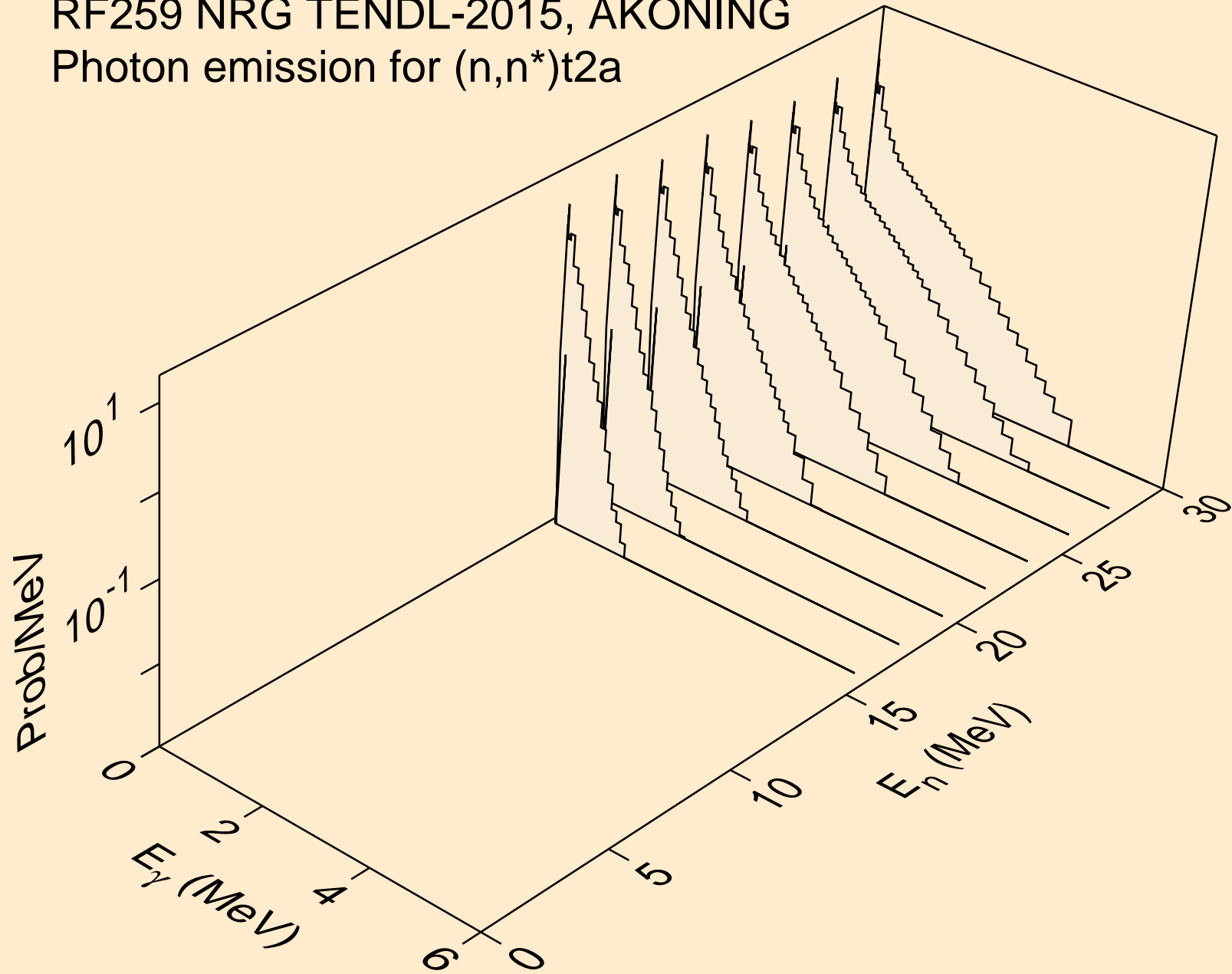




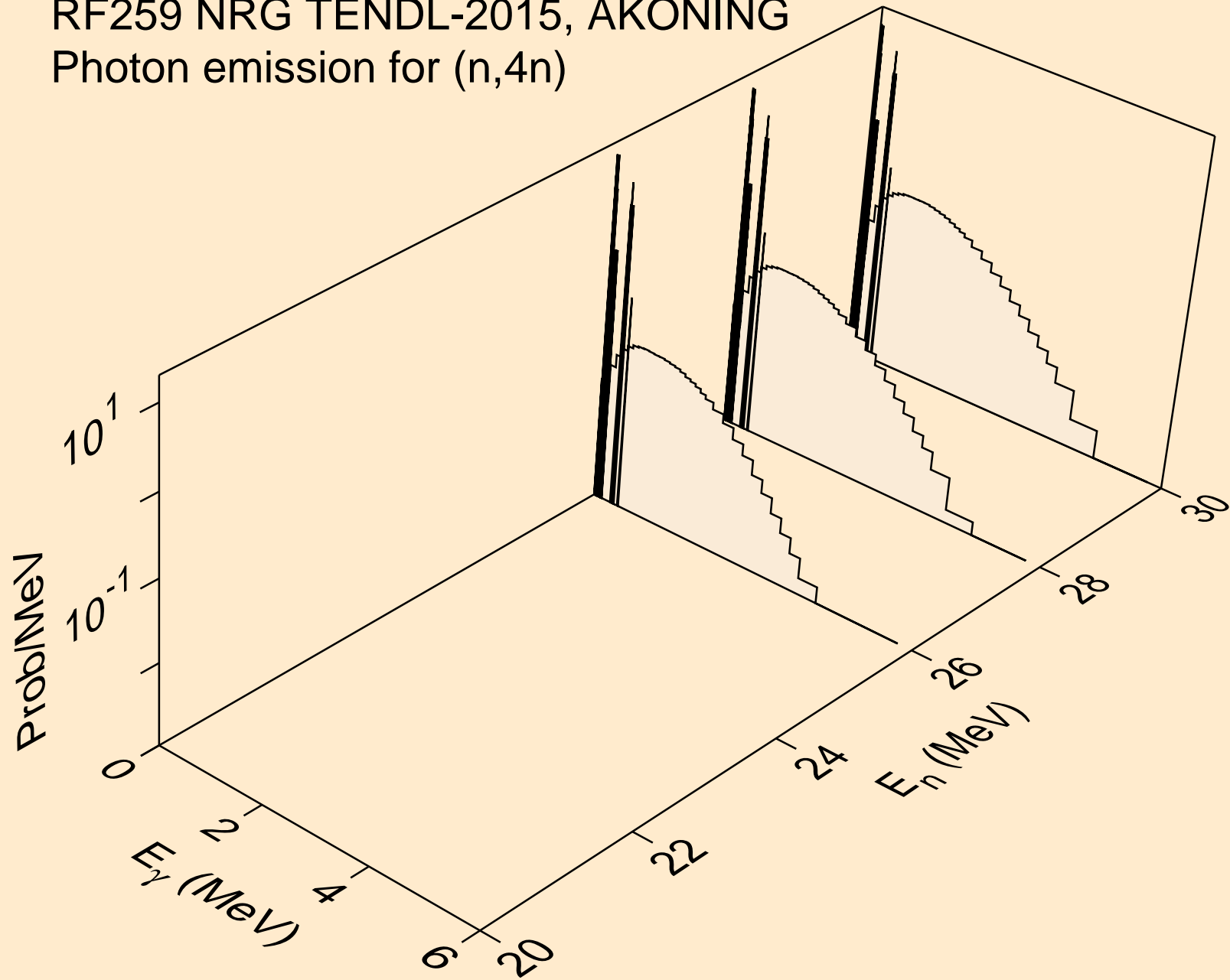
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



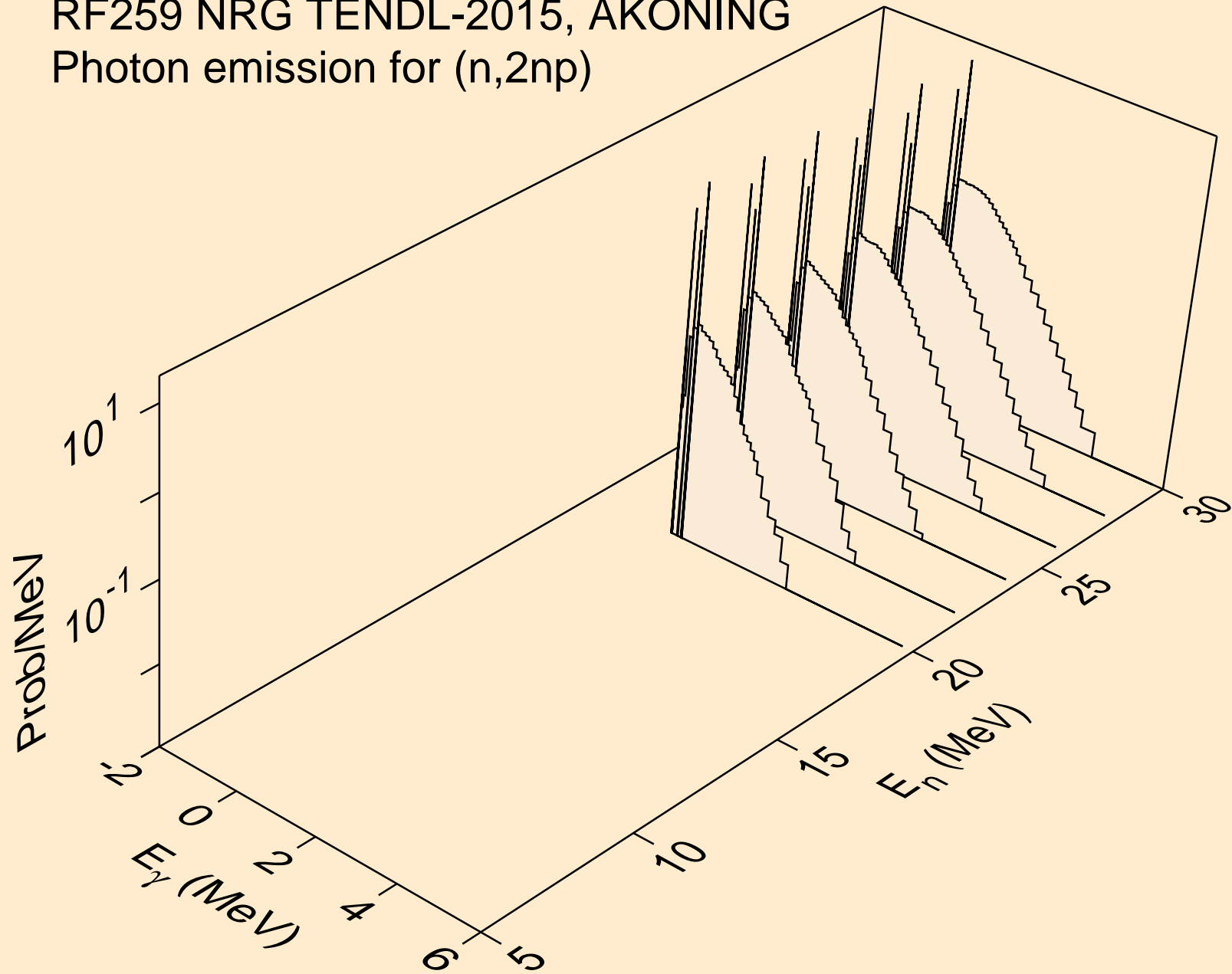
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



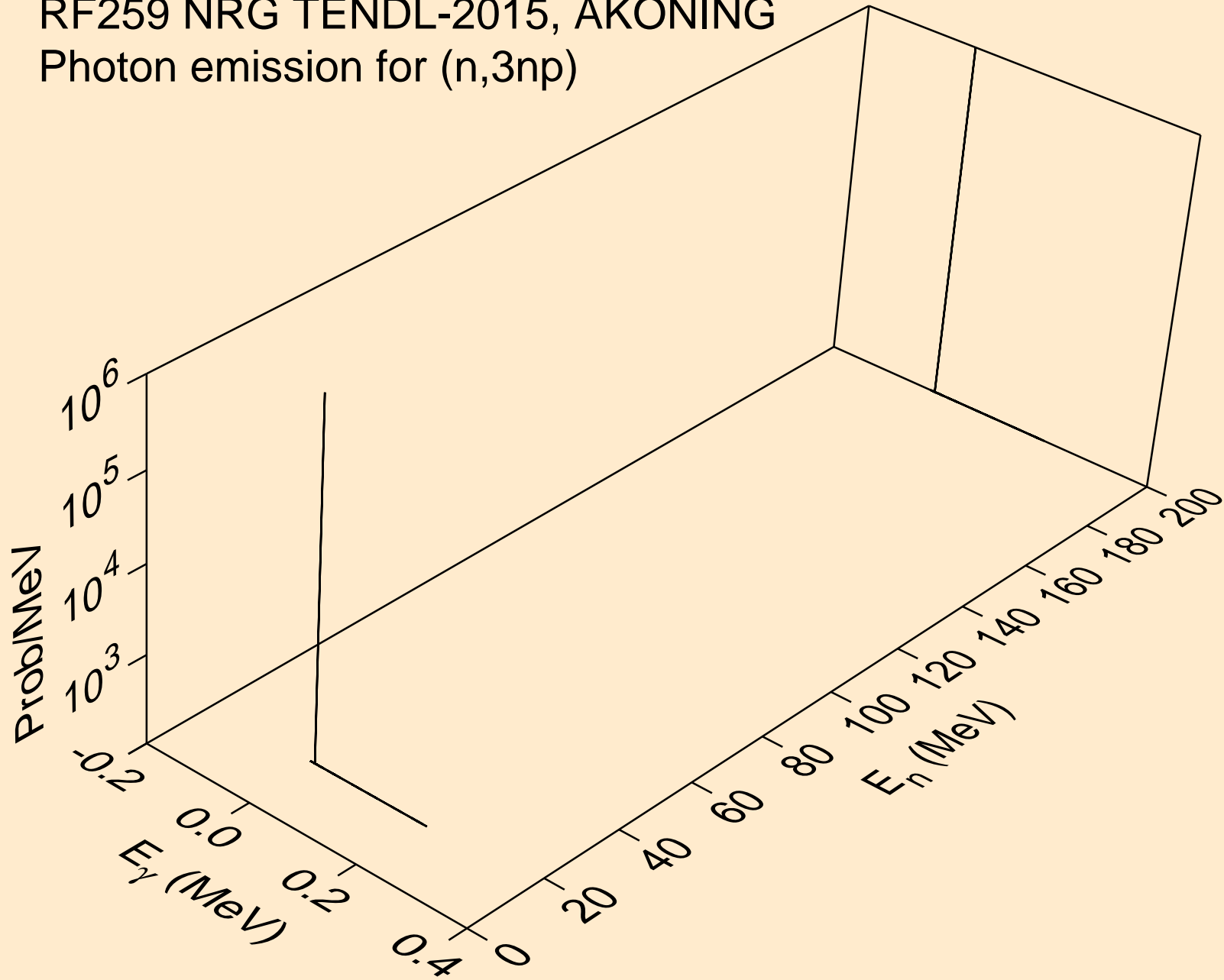
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



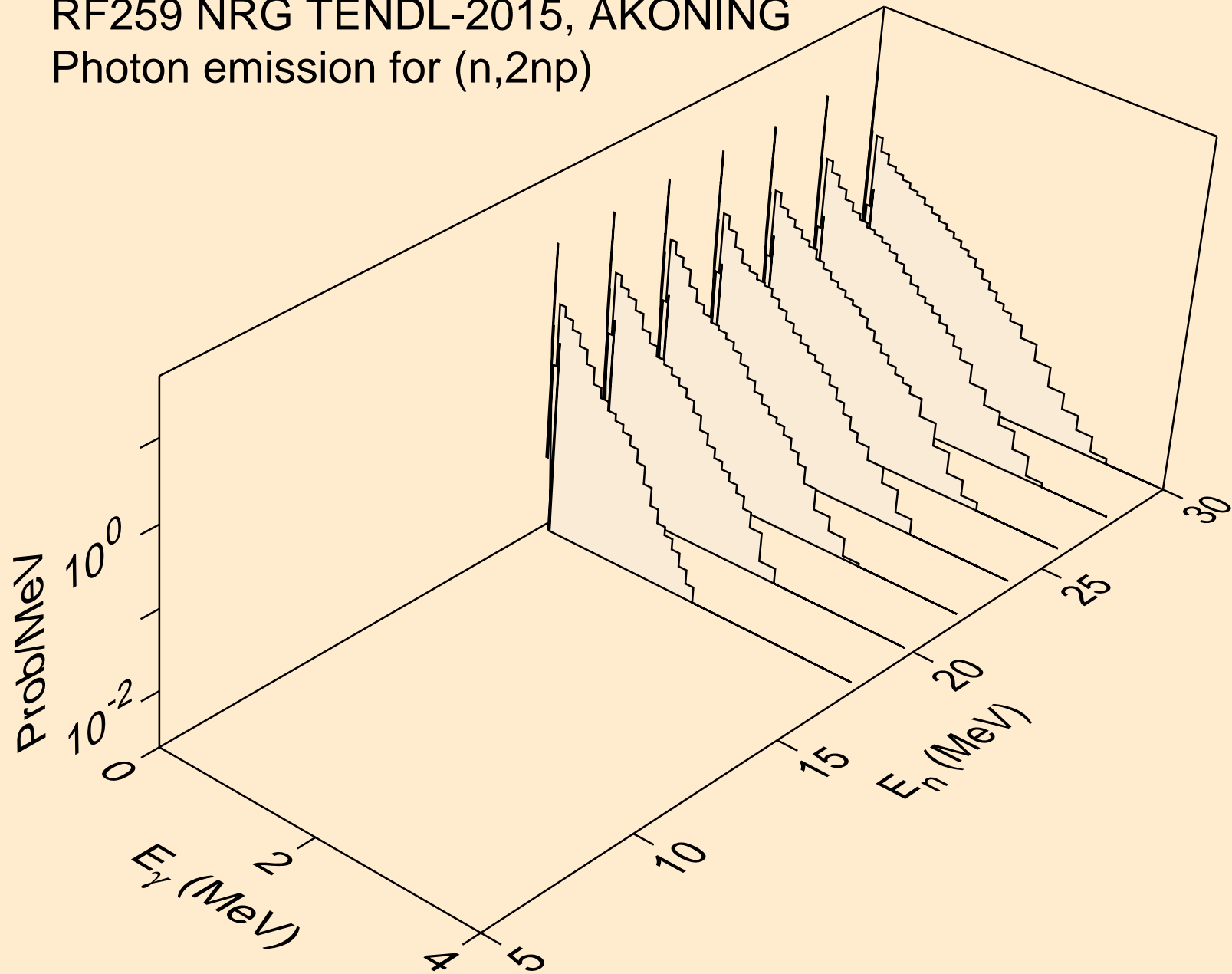
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



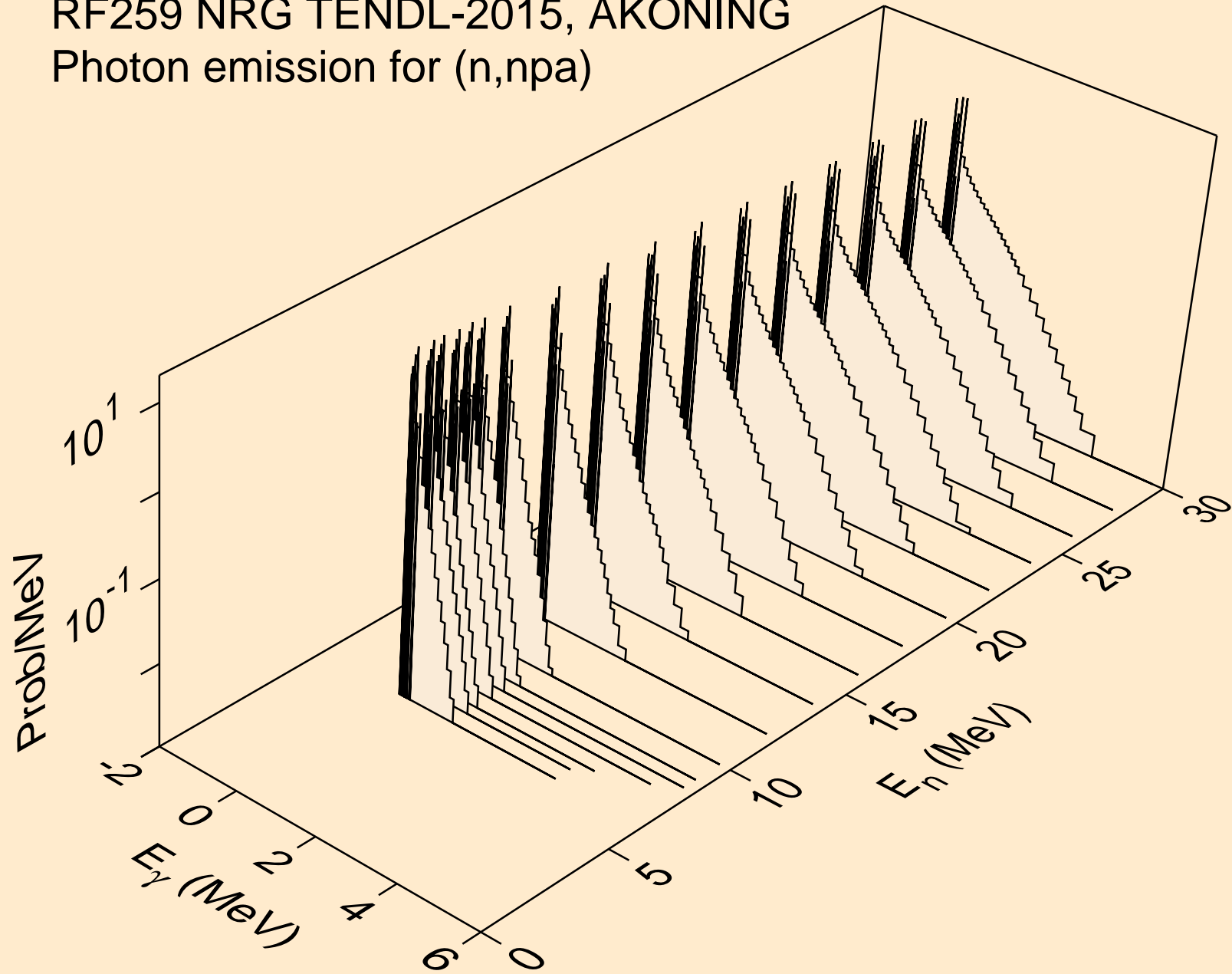
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



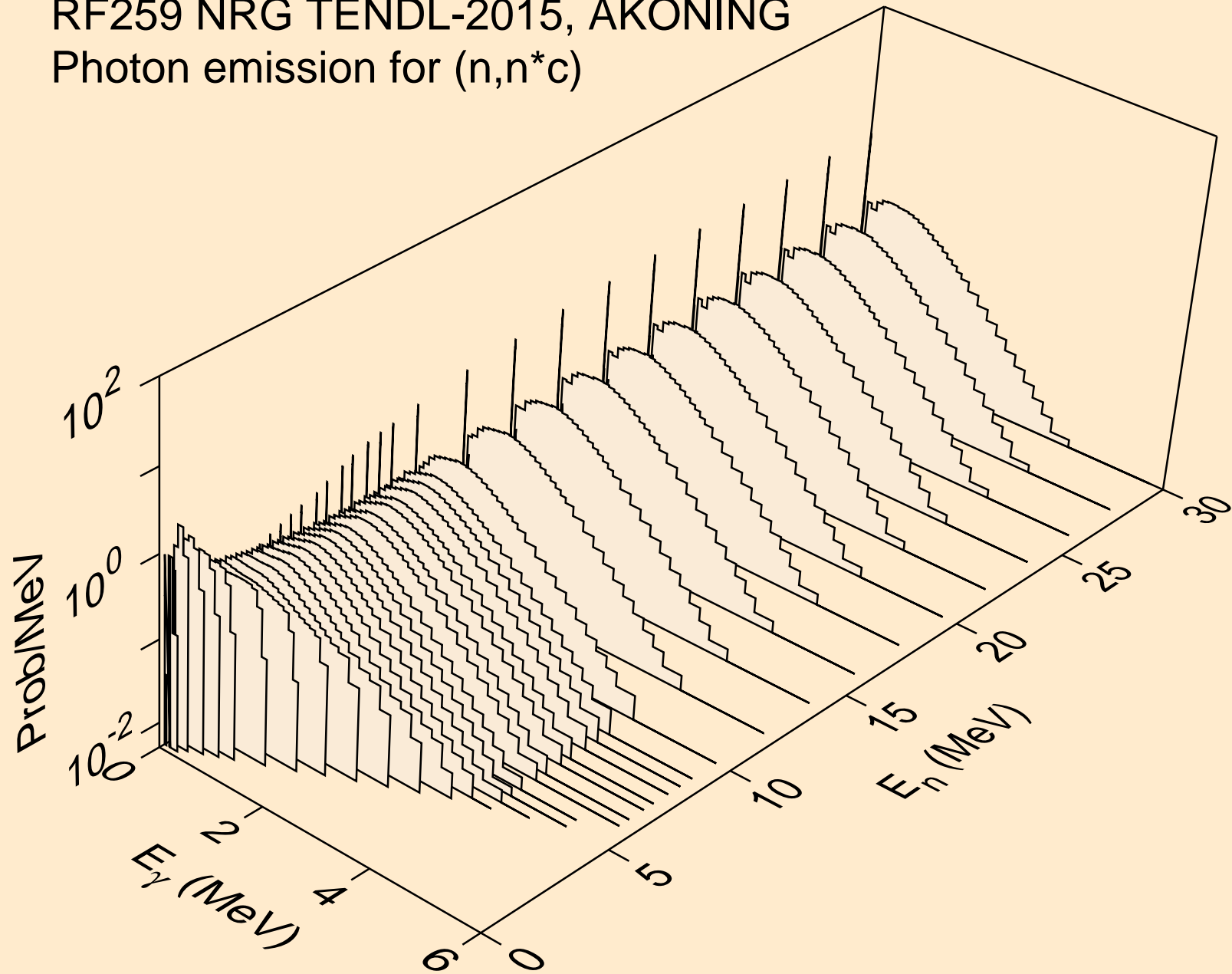
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

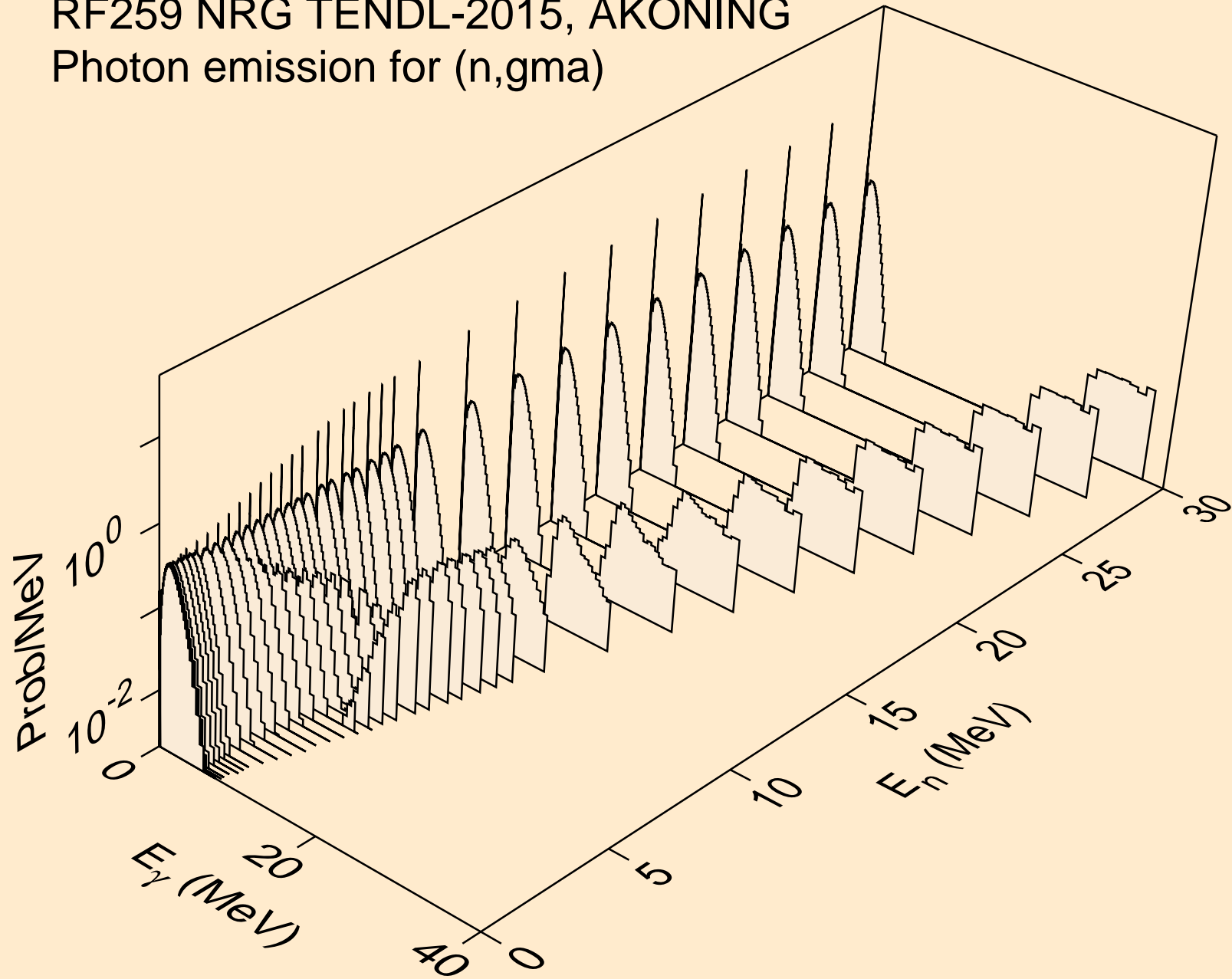


RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

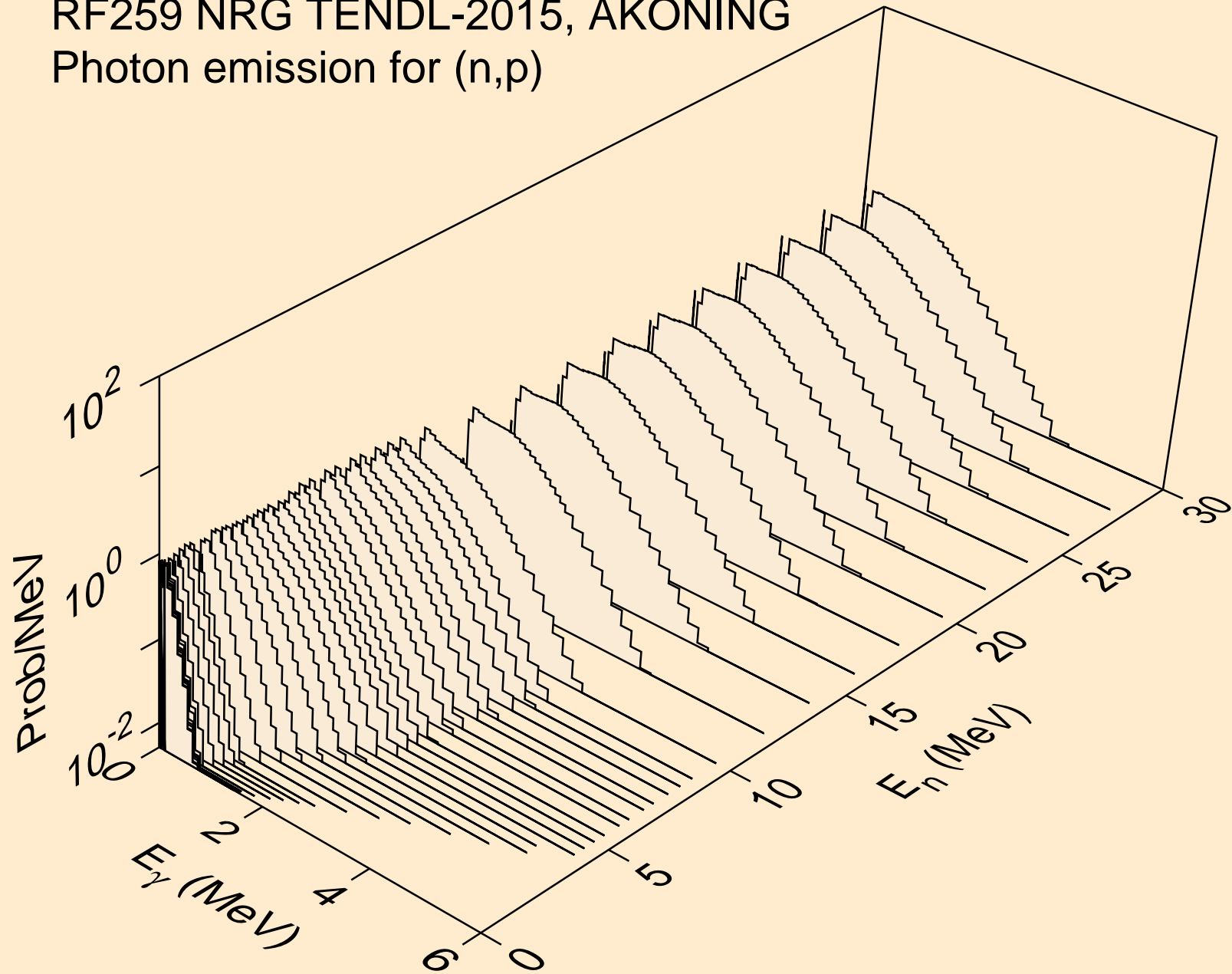




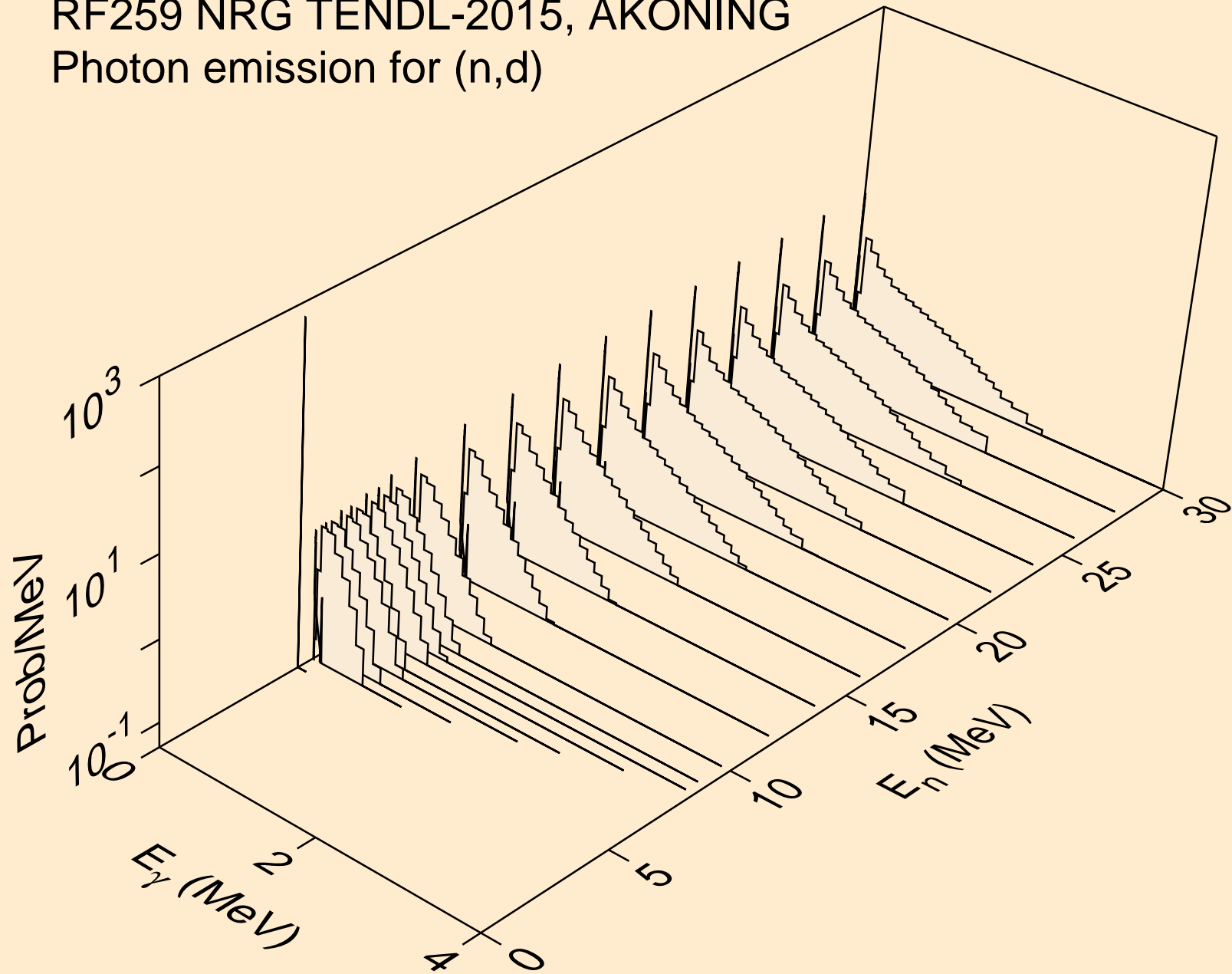
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



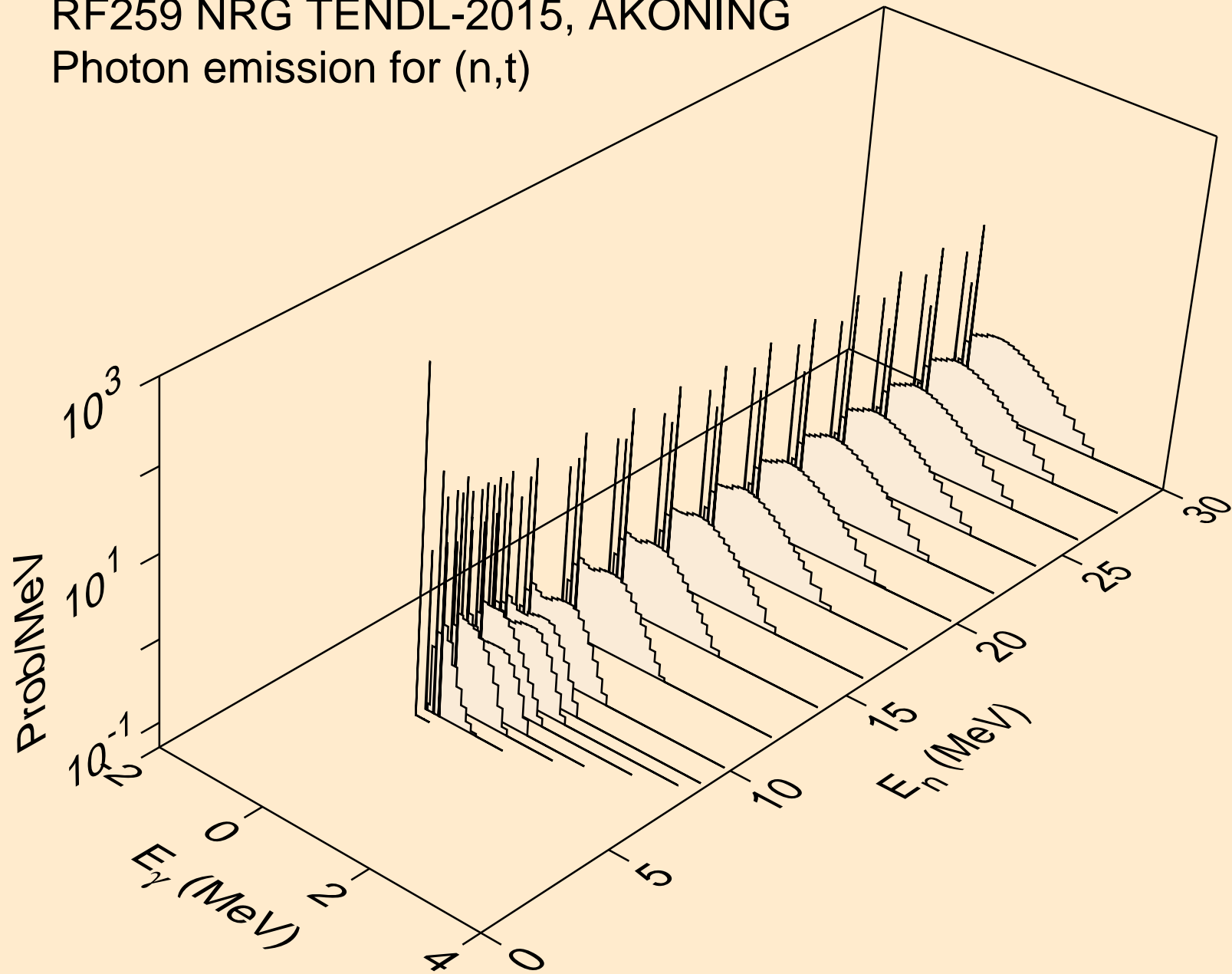
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



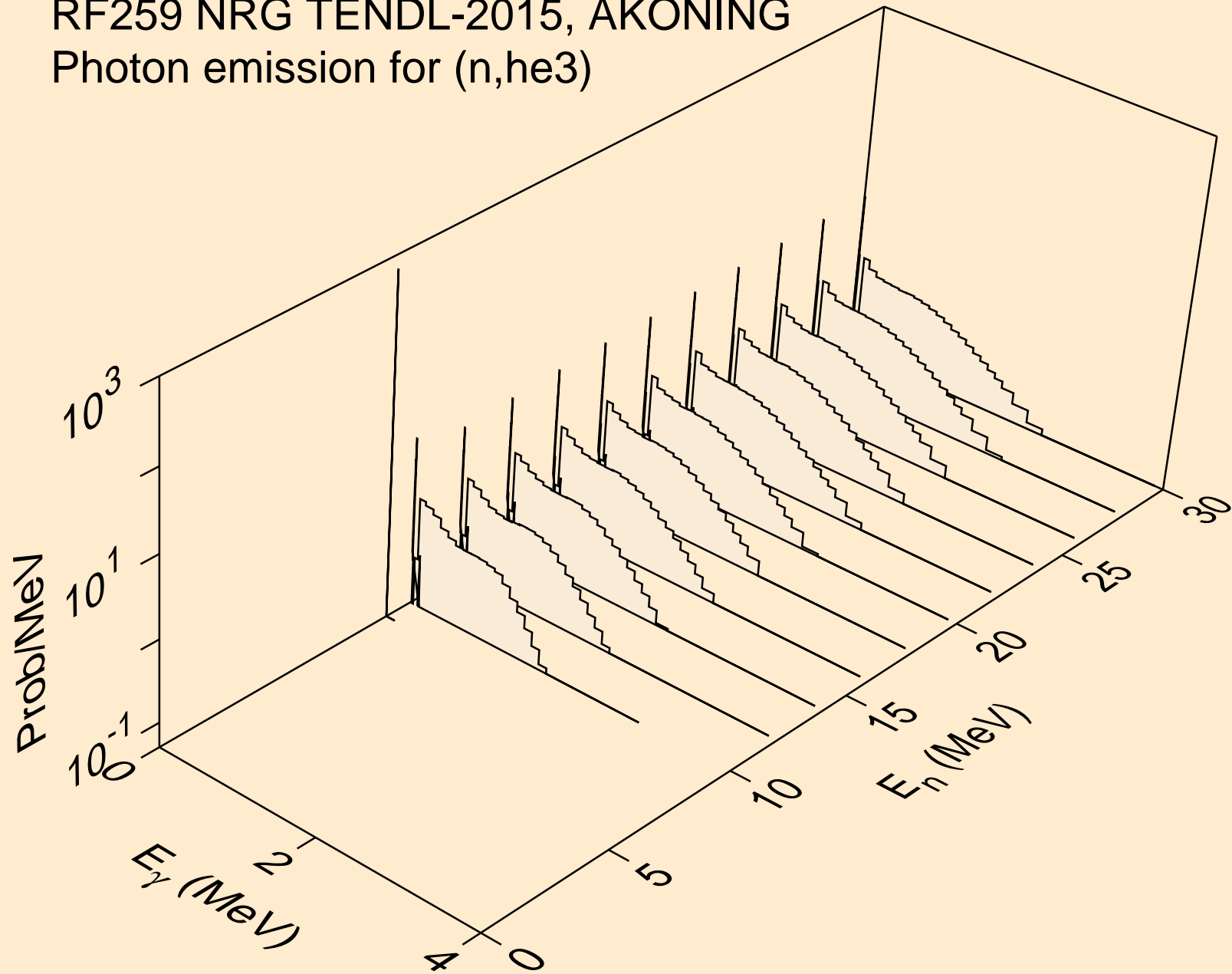
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



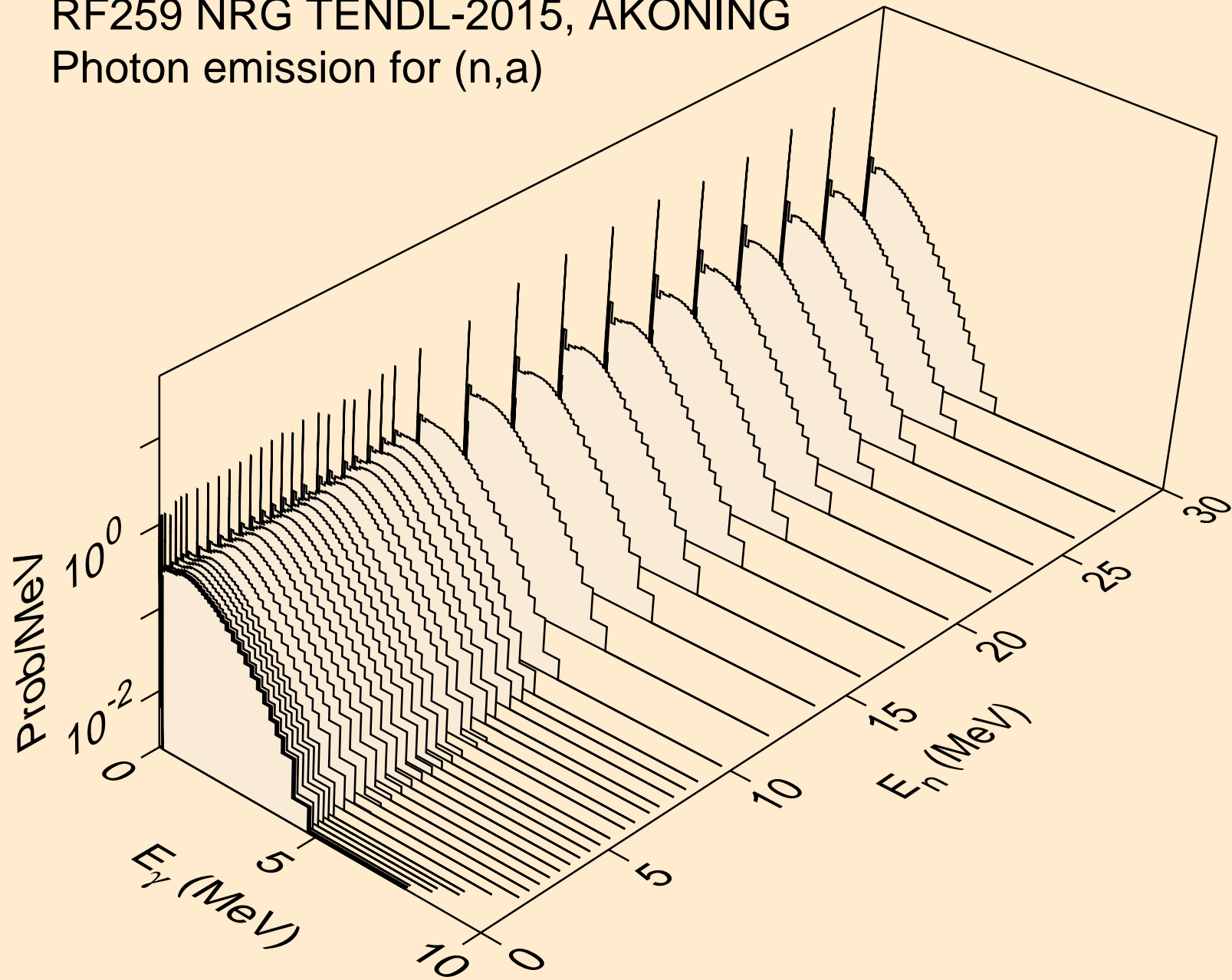
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



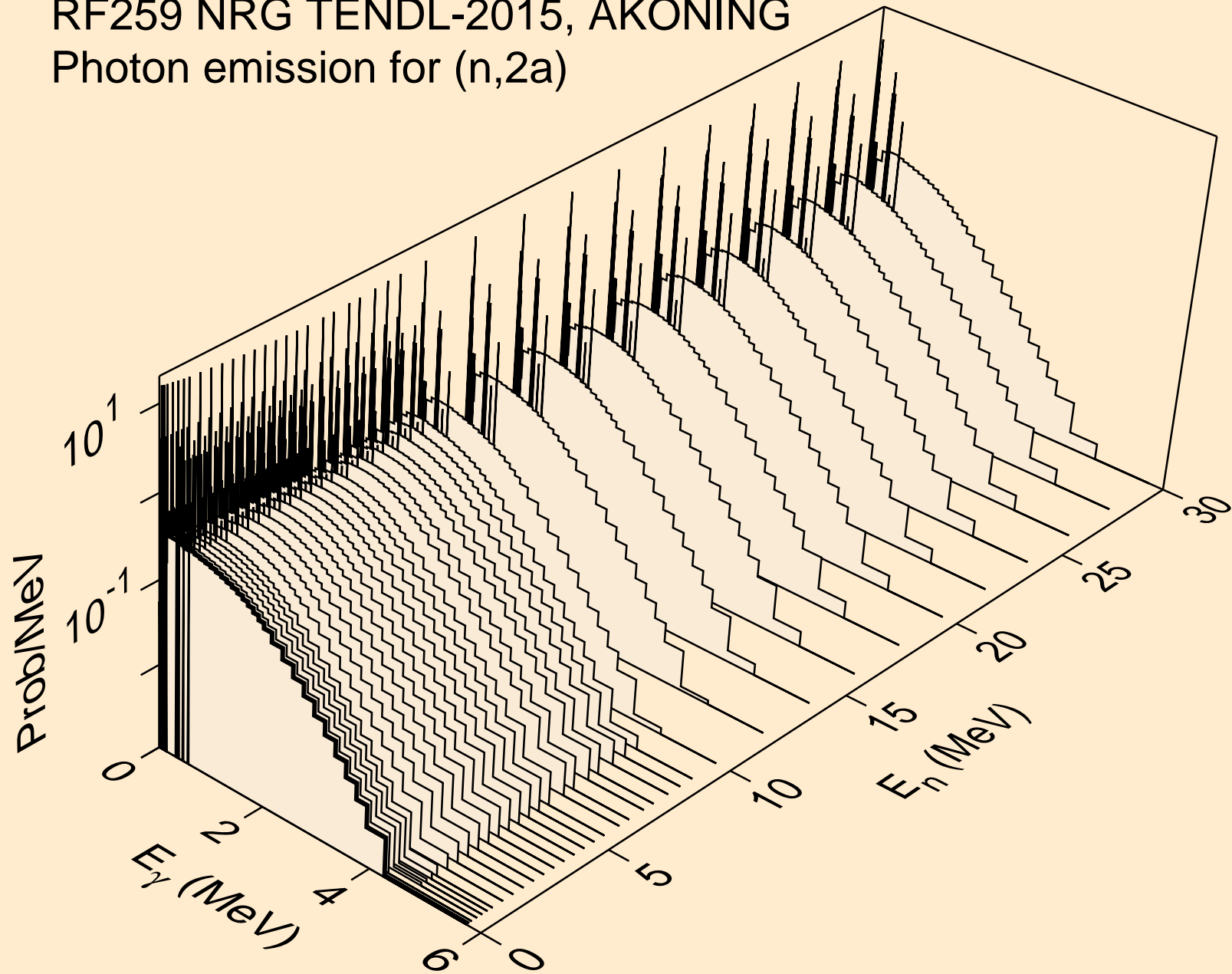
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



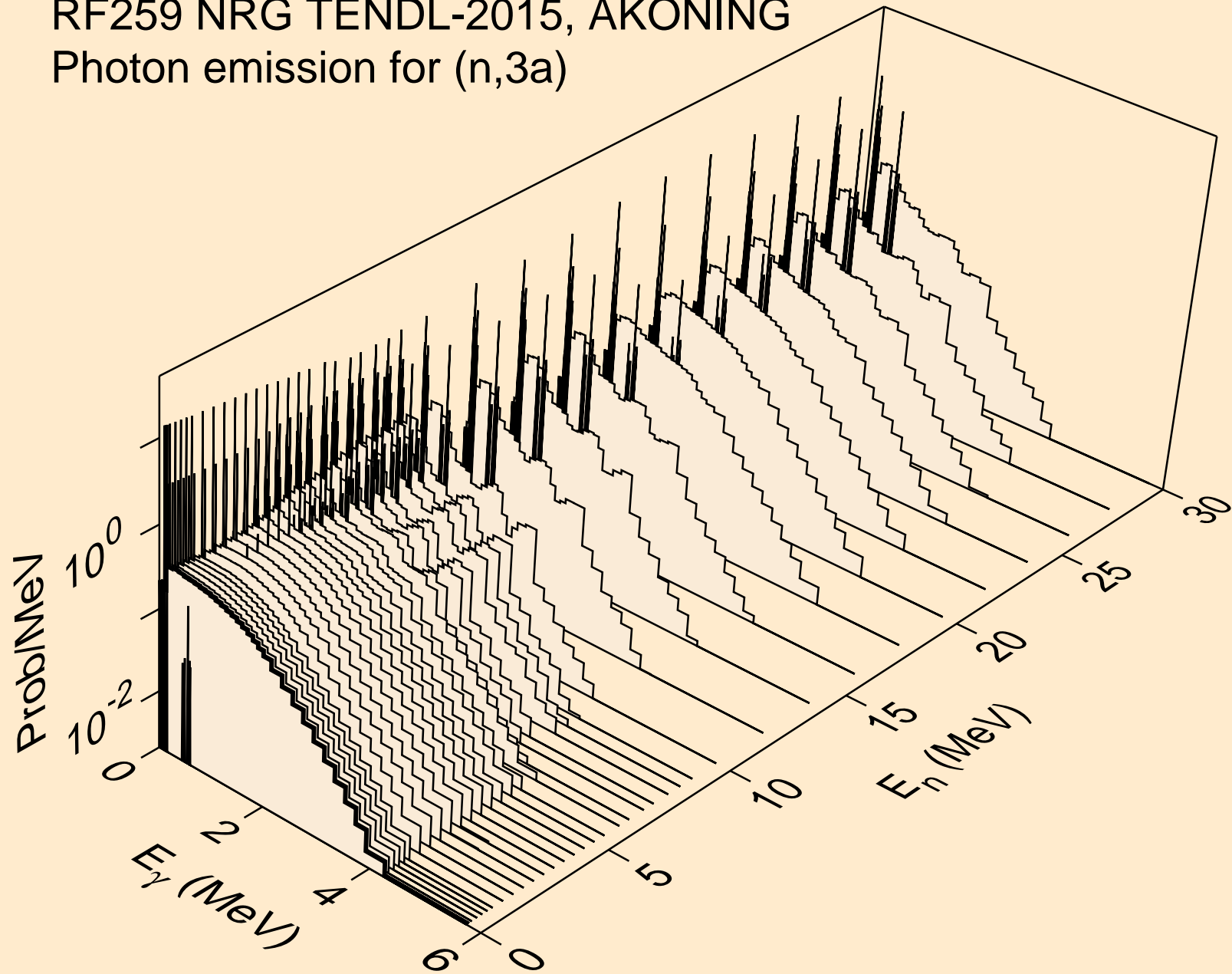
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

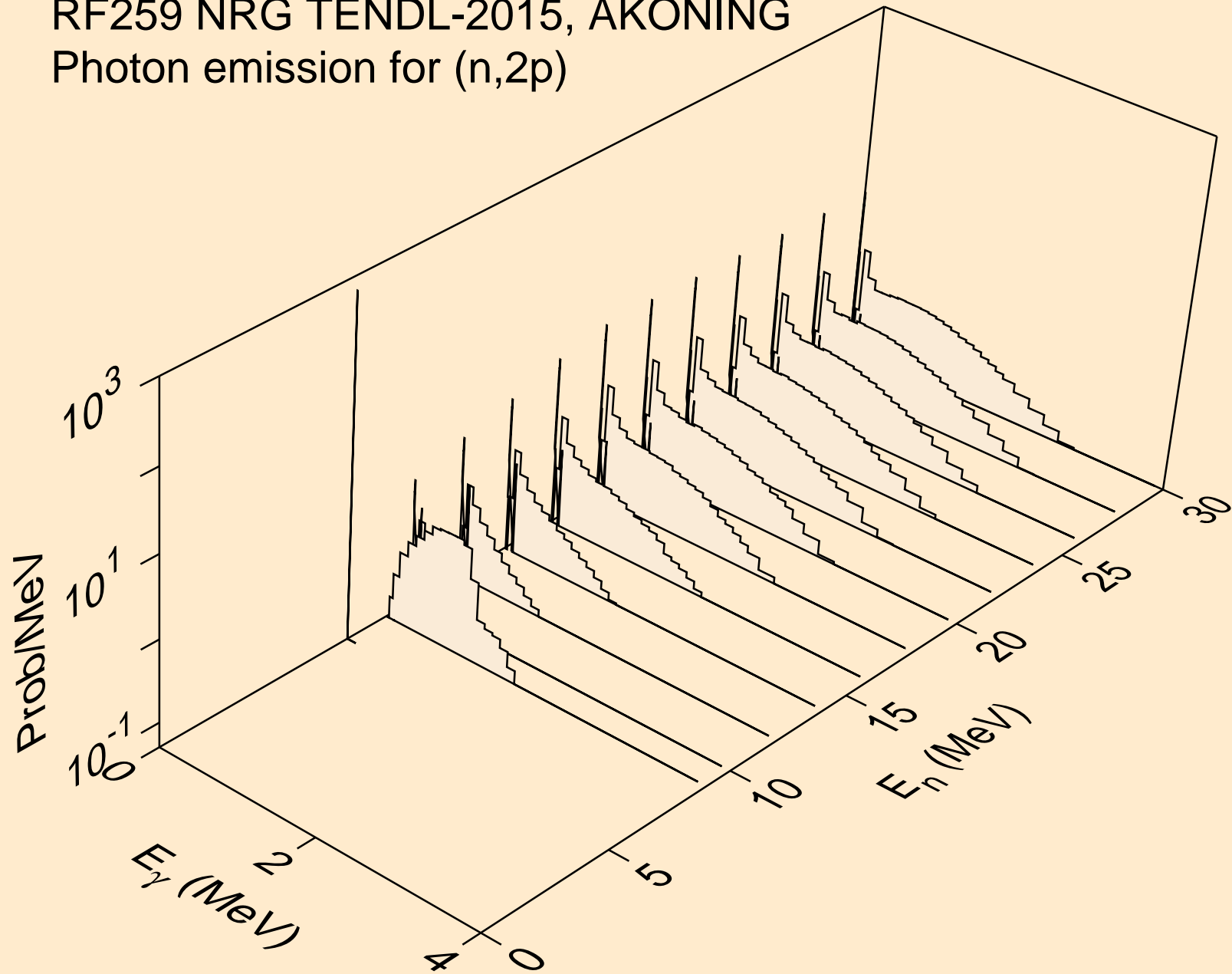


RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

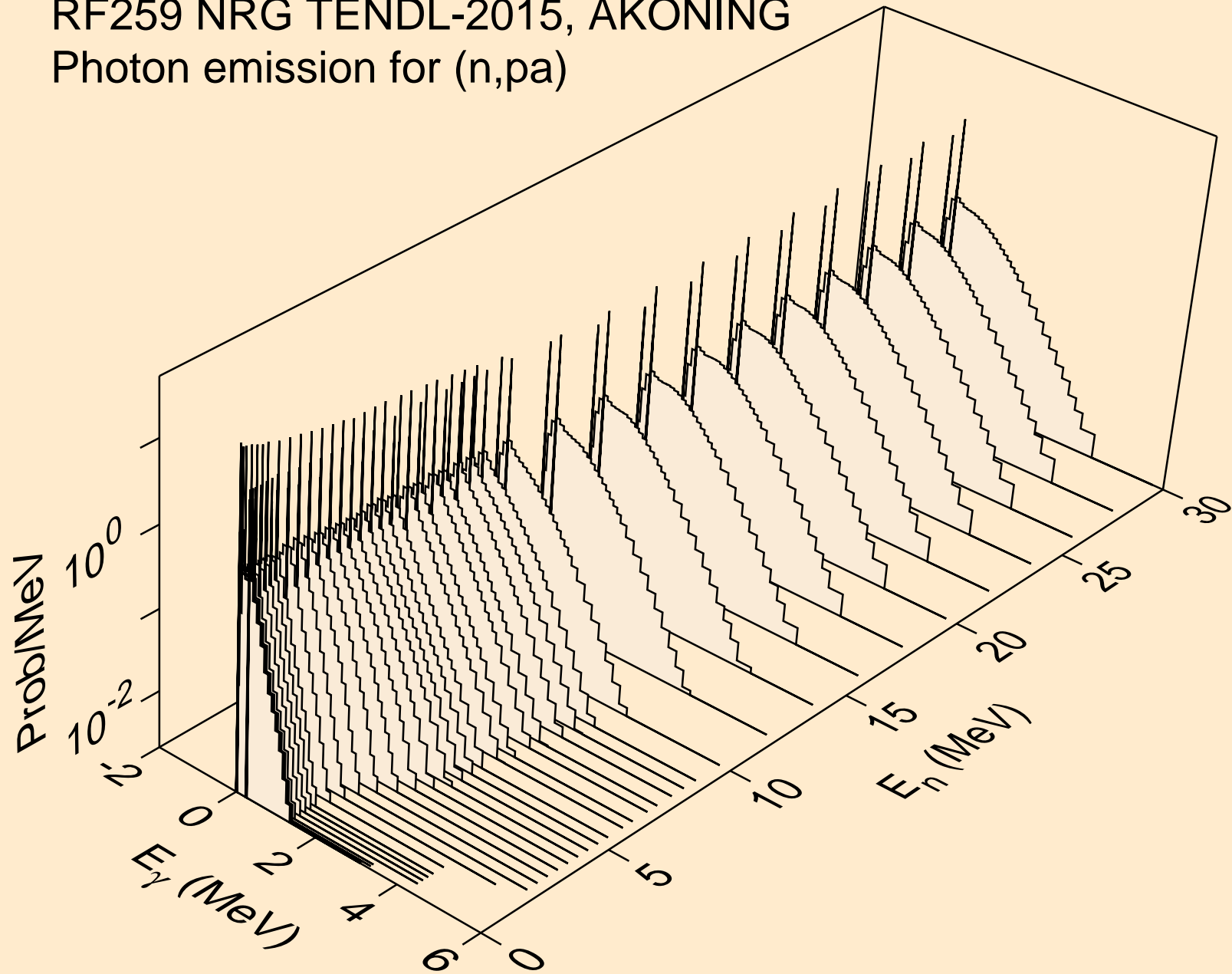




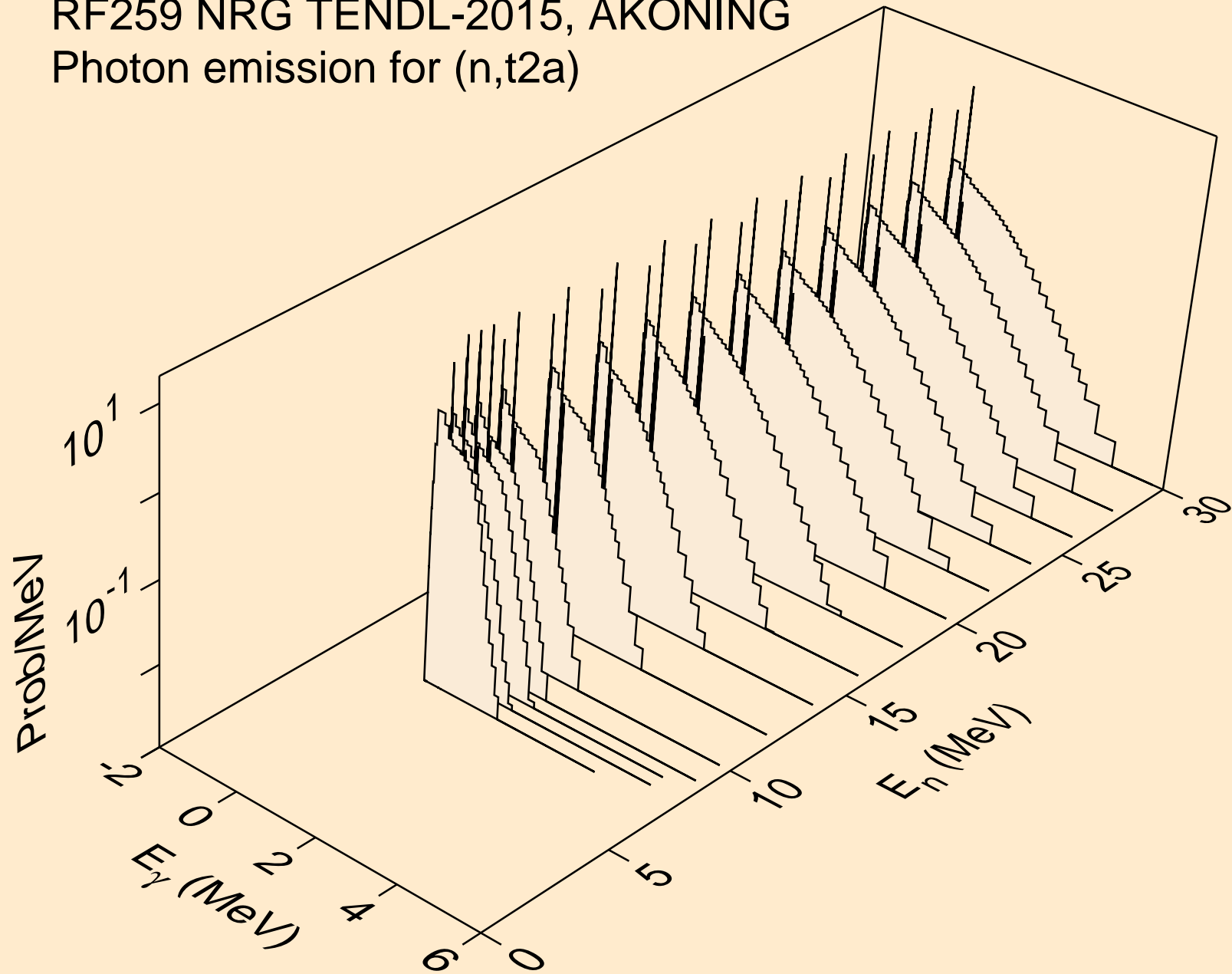
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



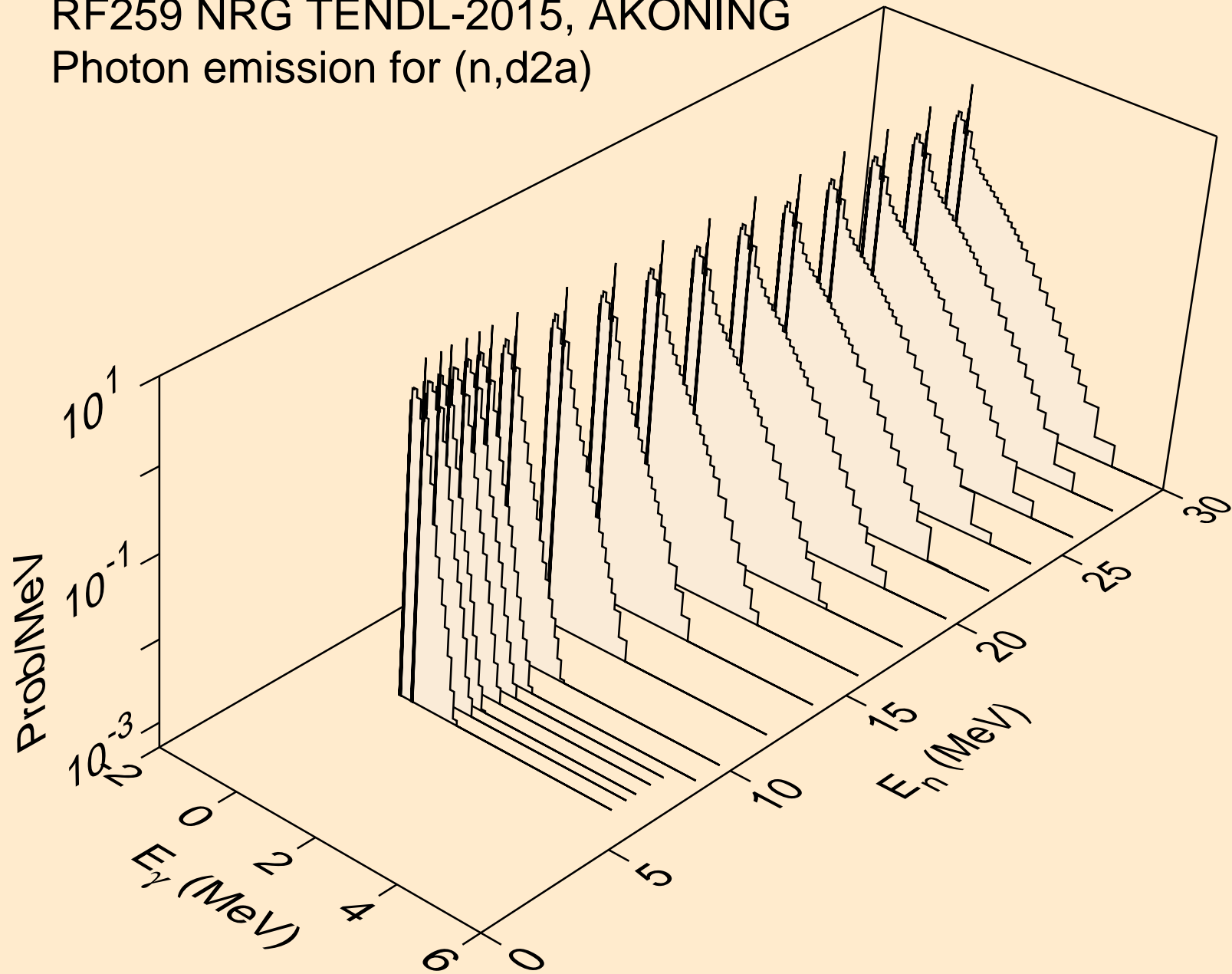
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



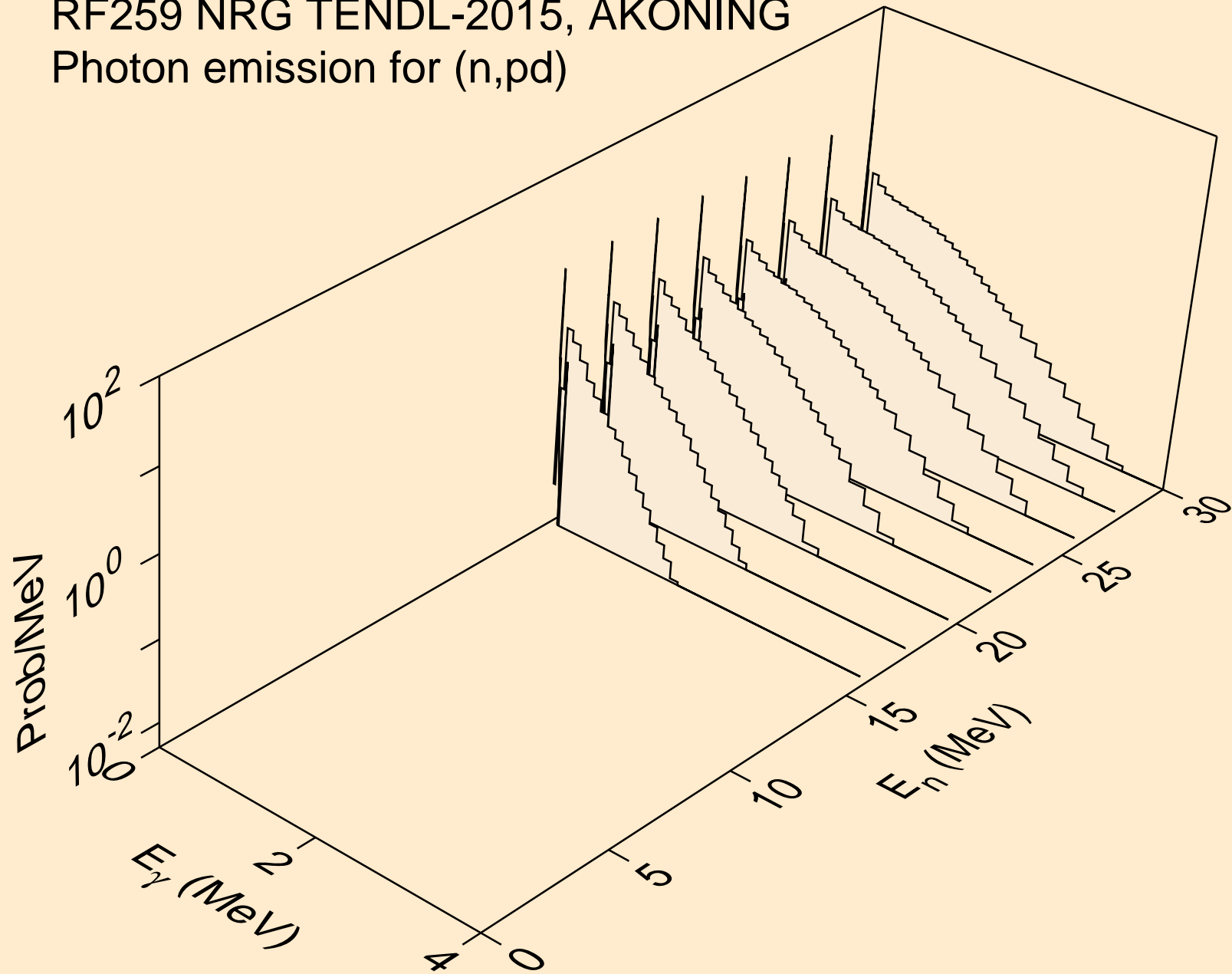
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



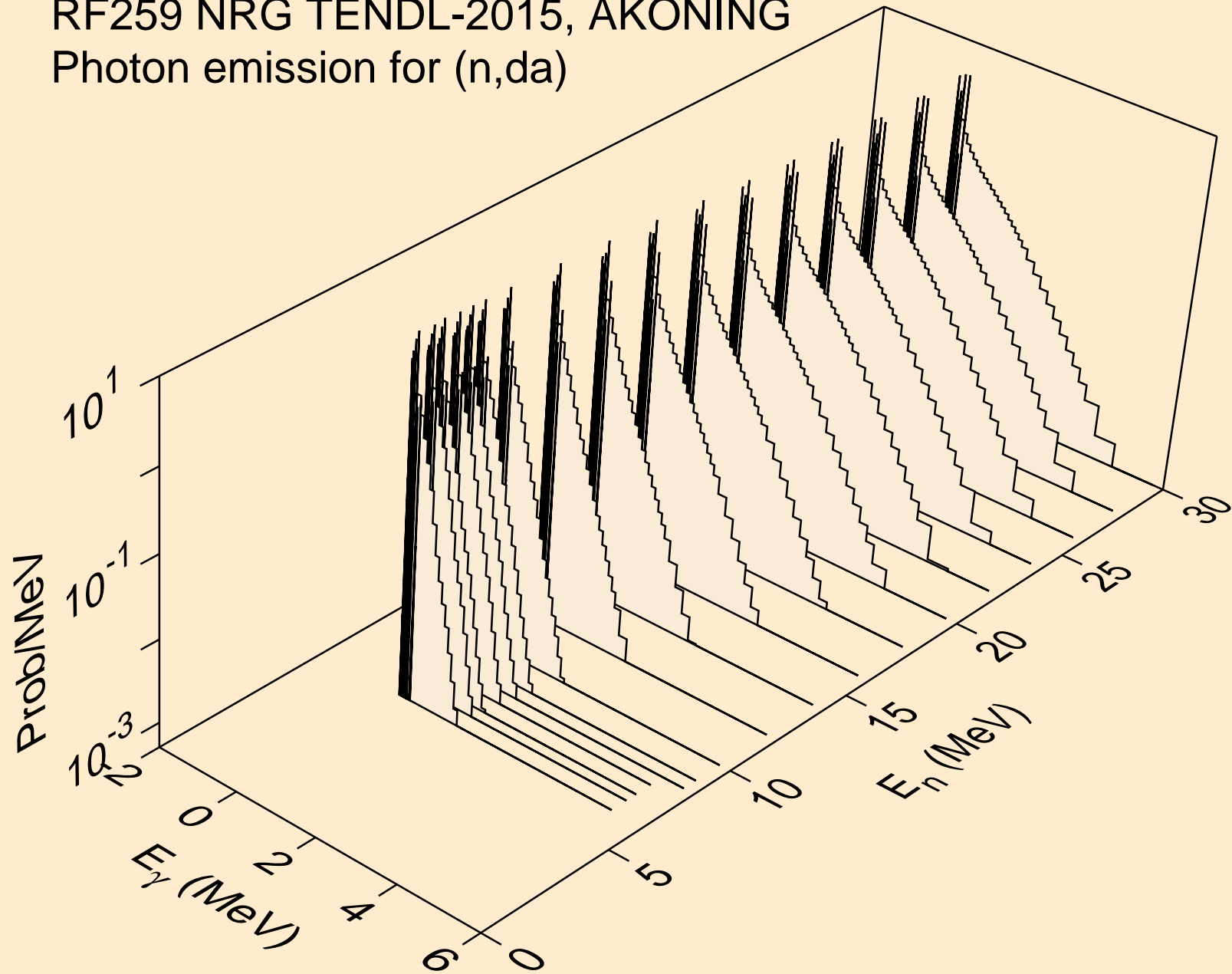
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



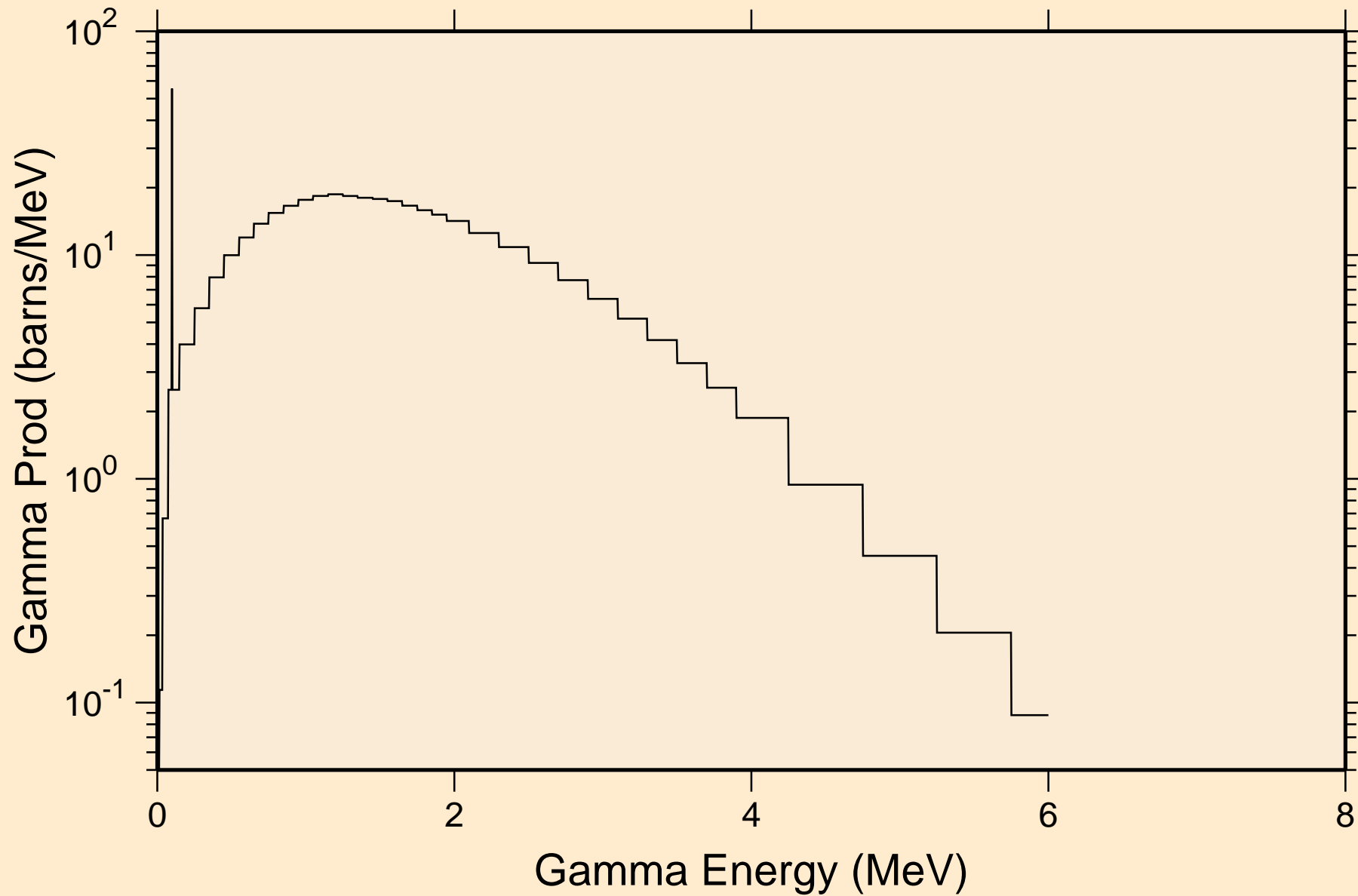
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



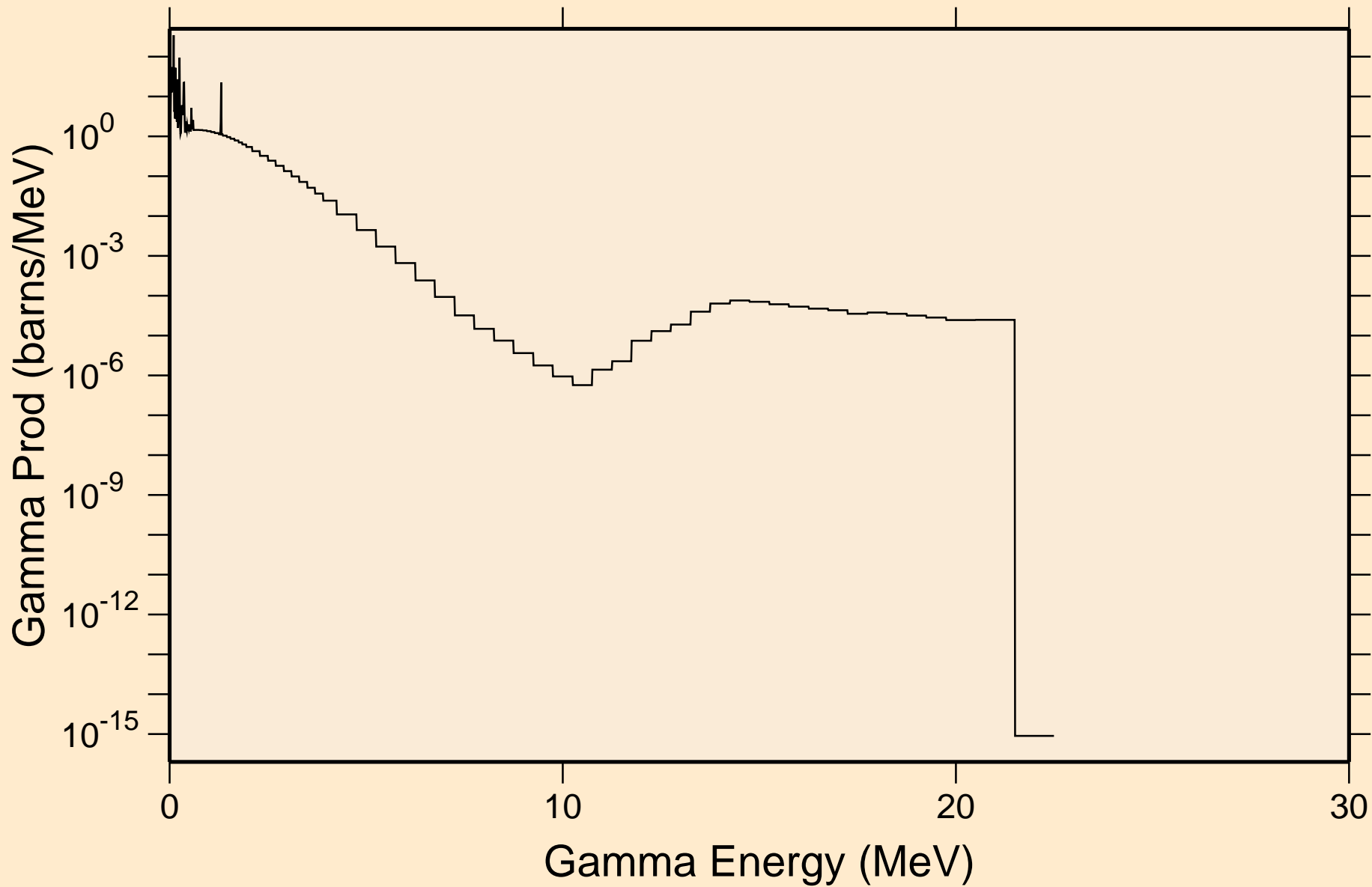
RF259 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



RF259 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



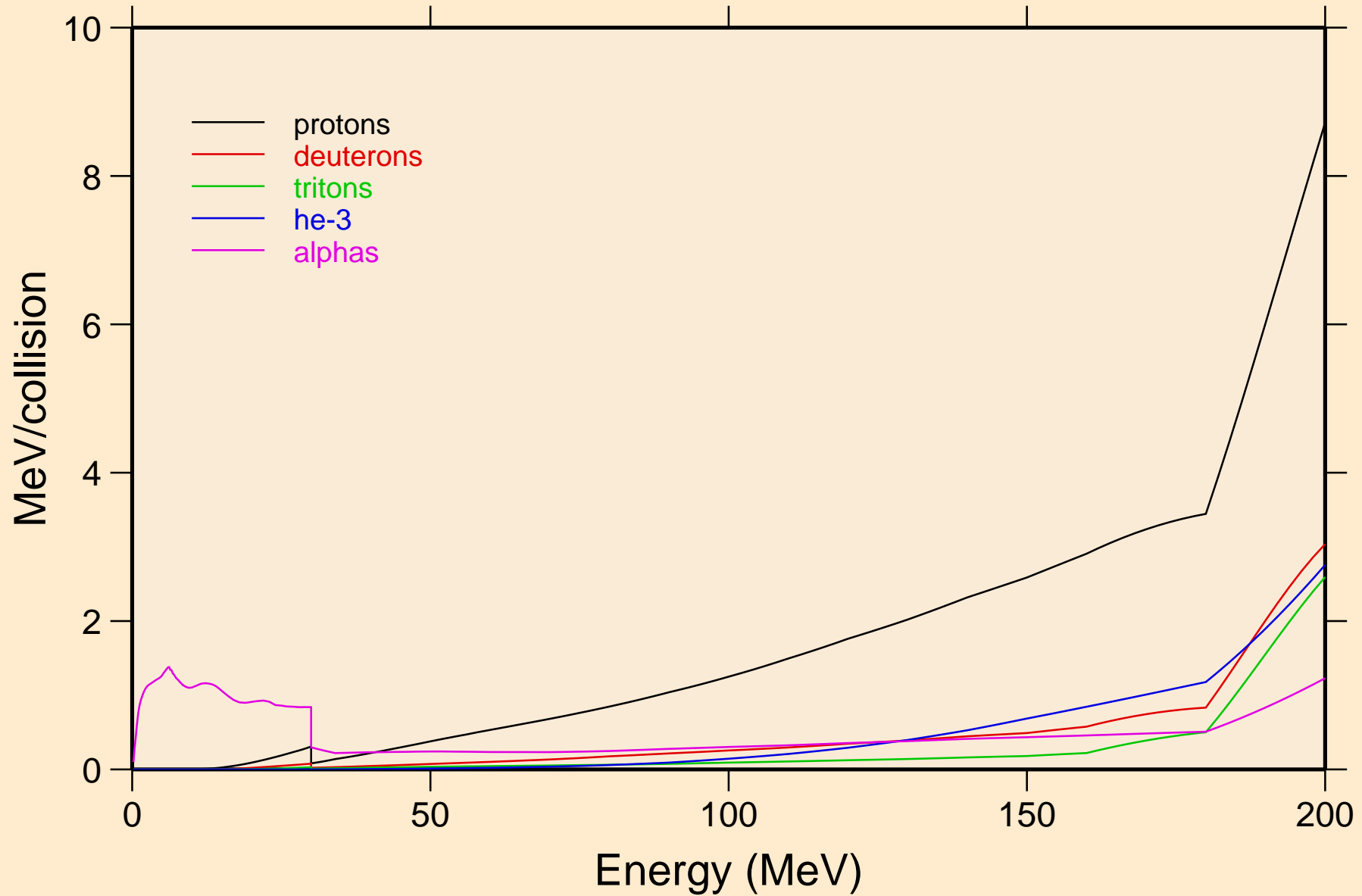
RF259 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





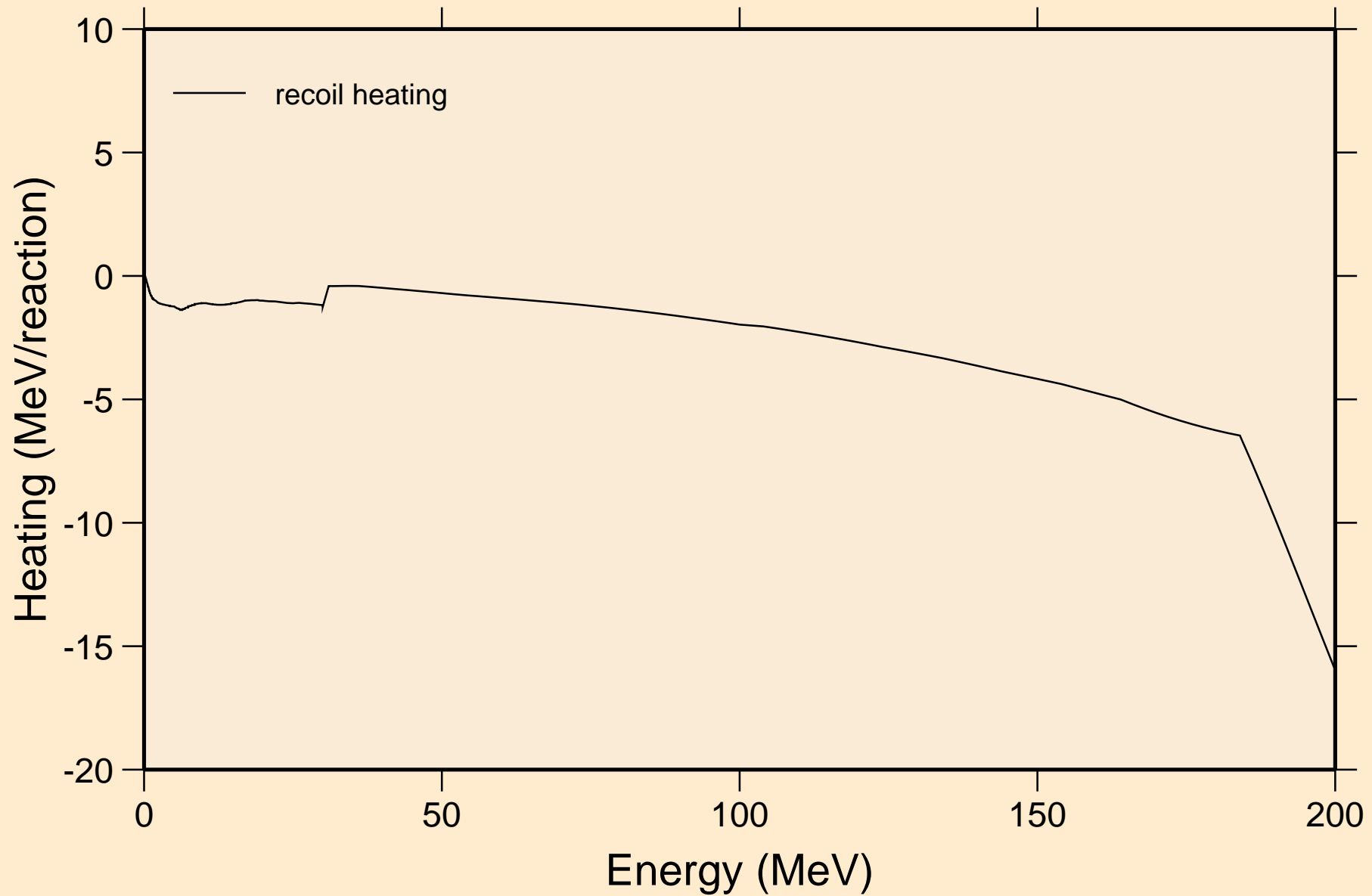
# RF259 NRG TENDL-2015, AKONING

## Particle heating contributions



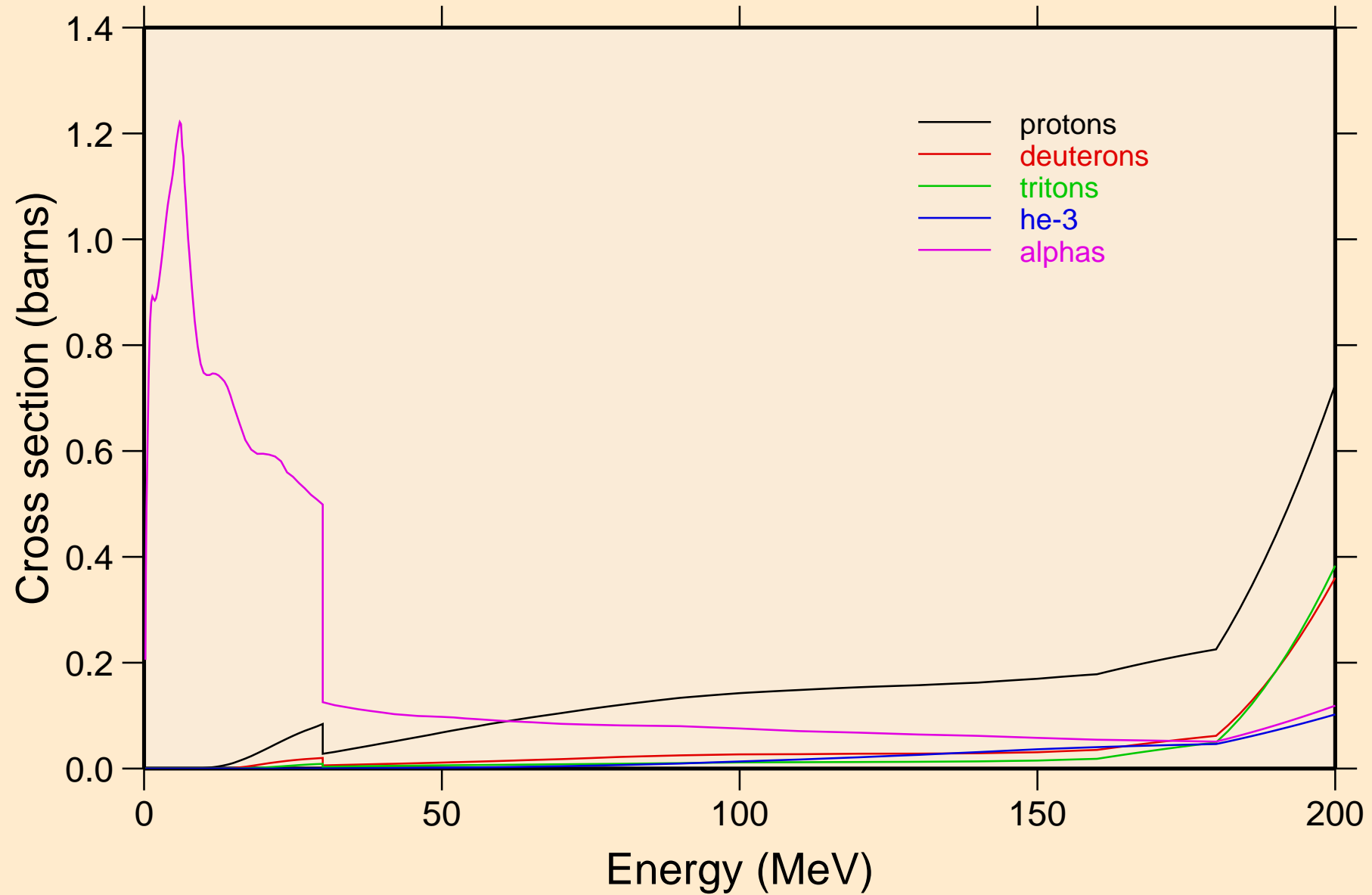
# RF259 NRG TENDL-2015, AKONING

## Recoil Heating

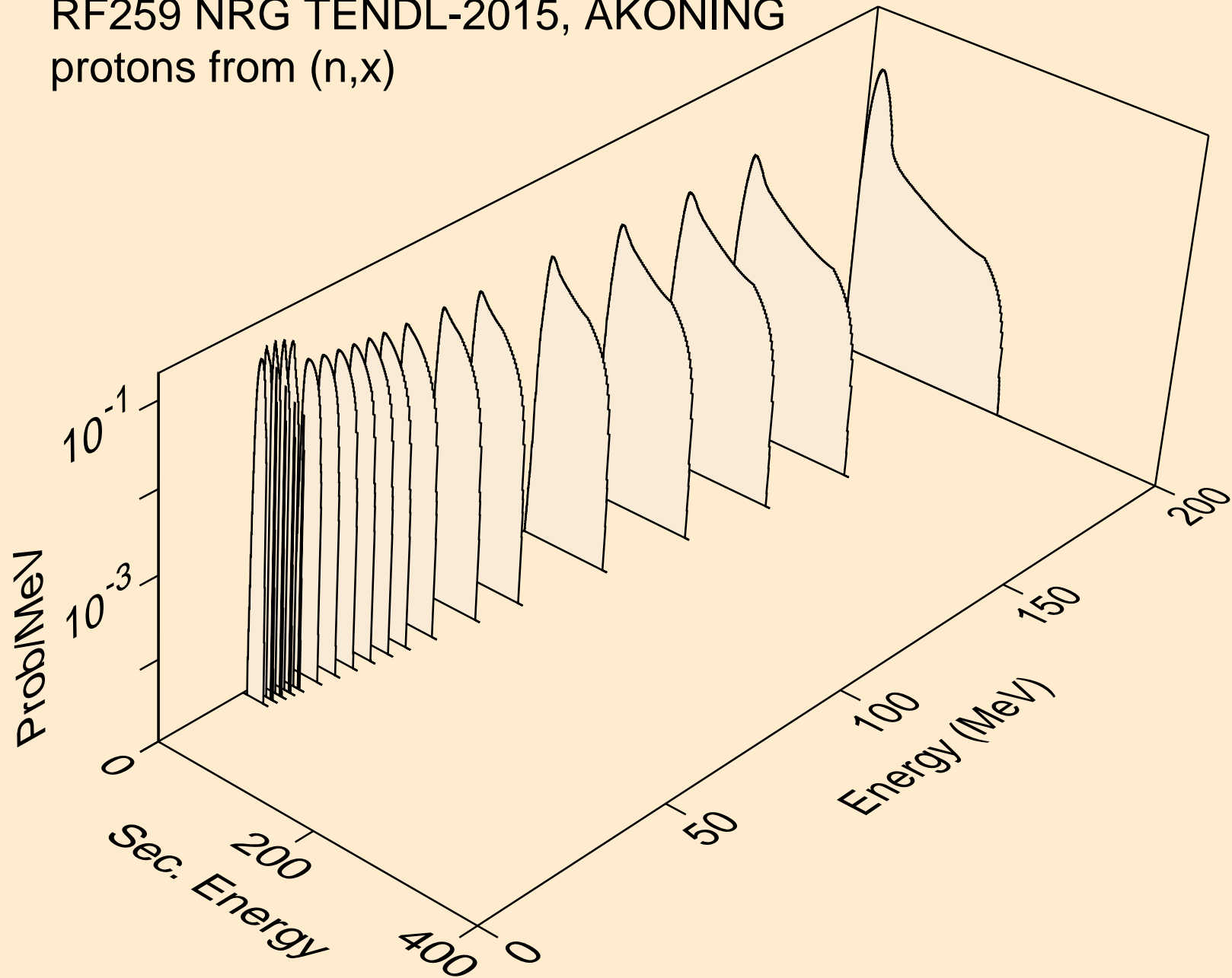


# RF259 NRG TENDL-2015, AKONING

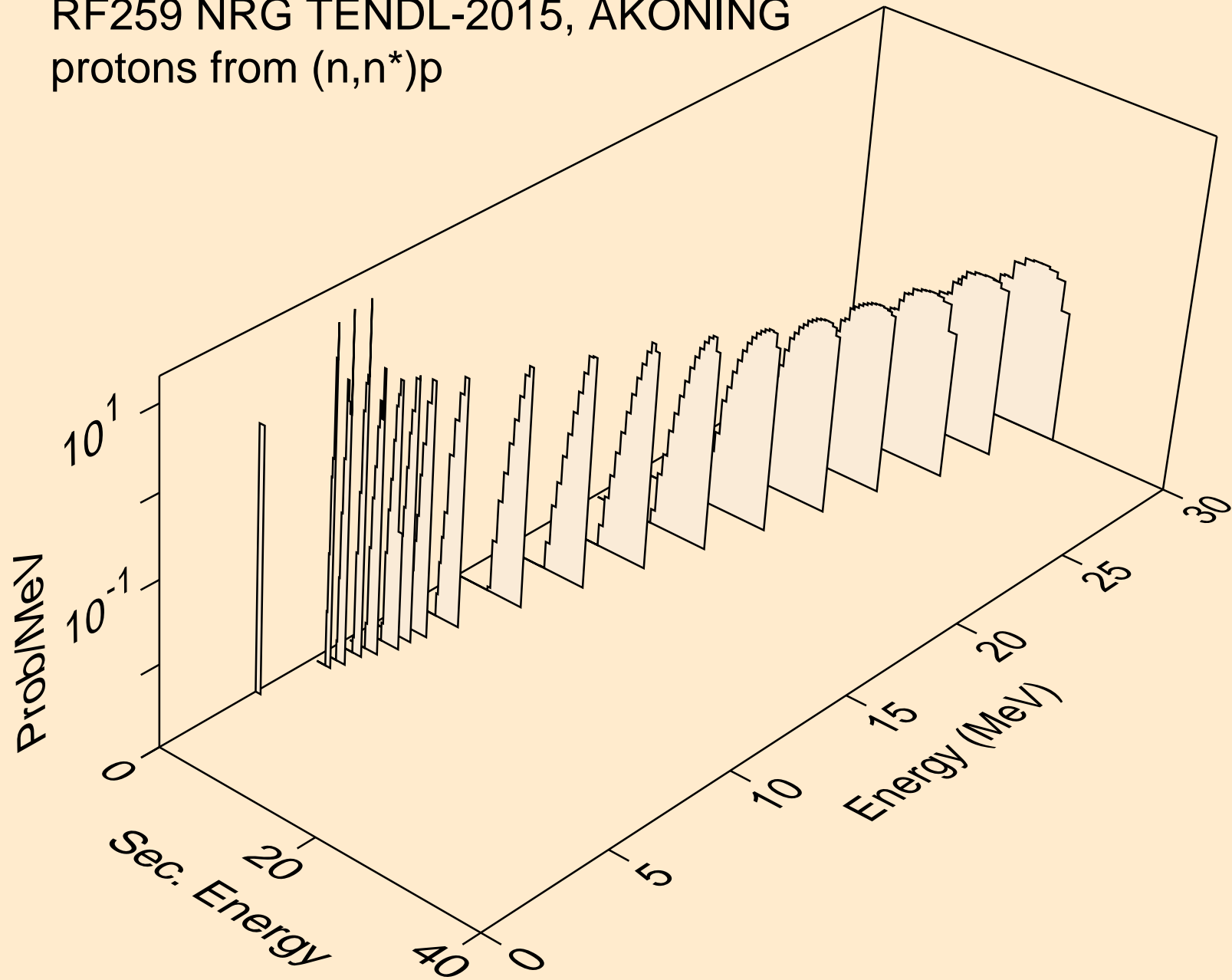
## Particle production cross sections



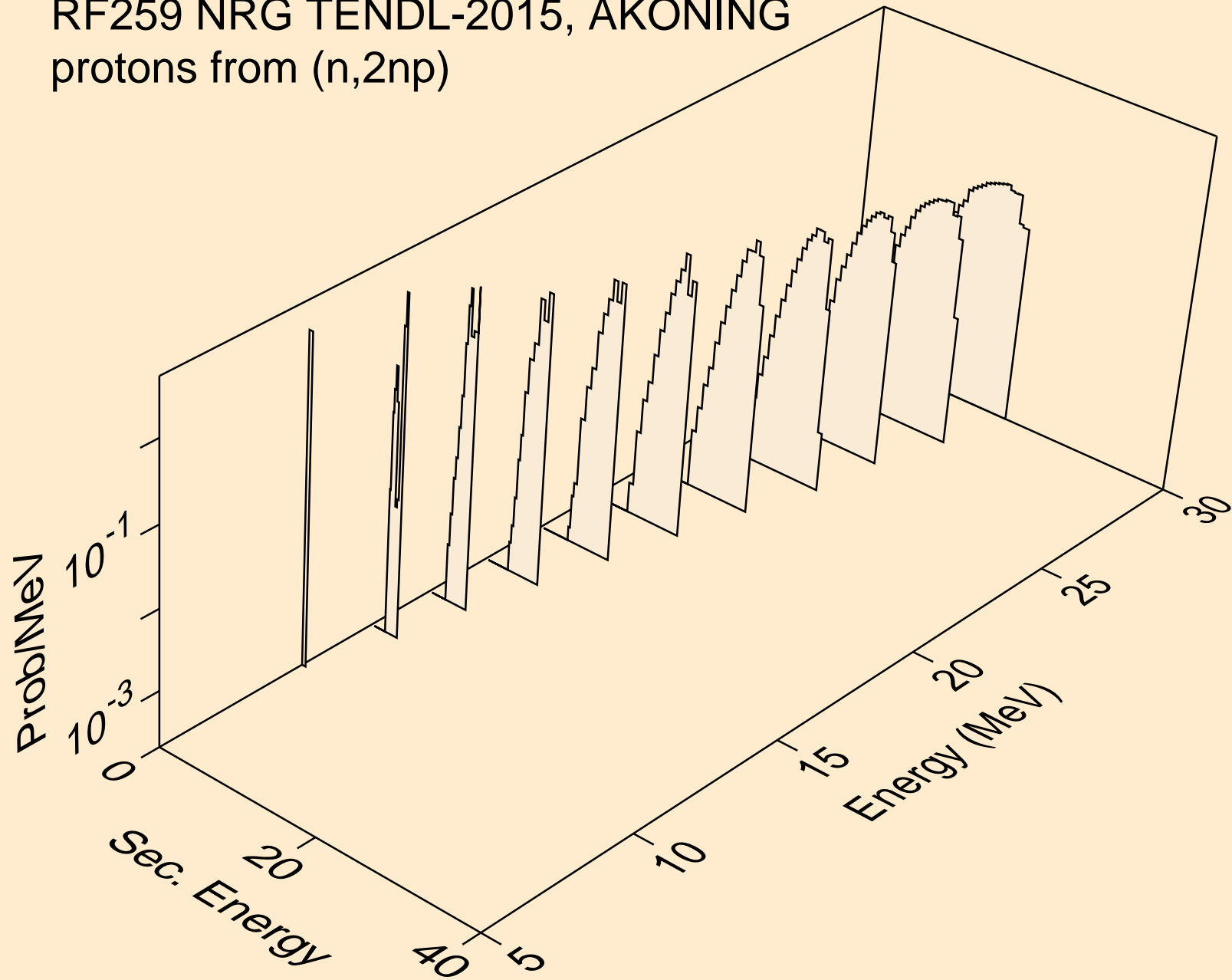
RF259 NRG TENDL-2015, AKONING  
protons from (n,x)



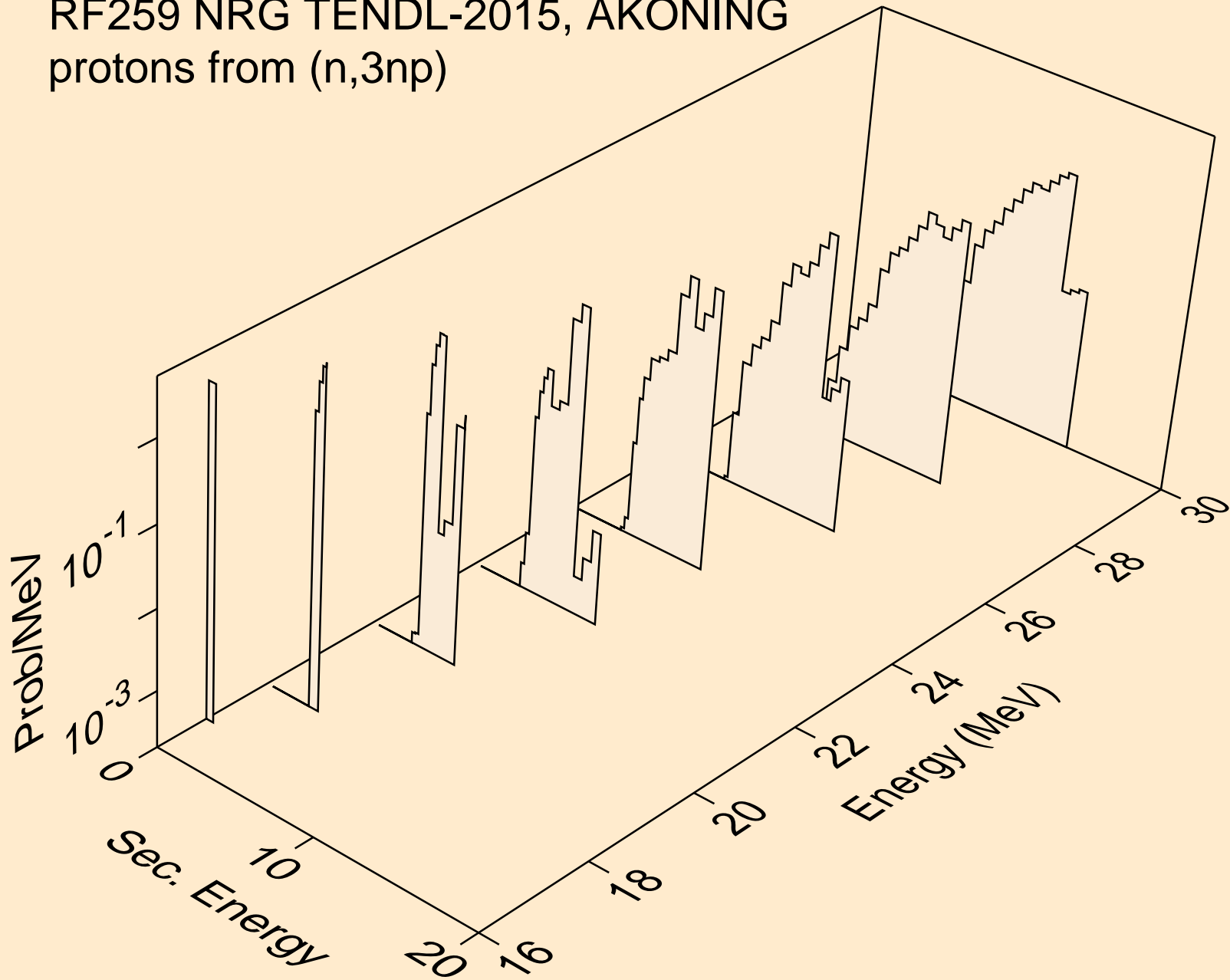
RF259 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



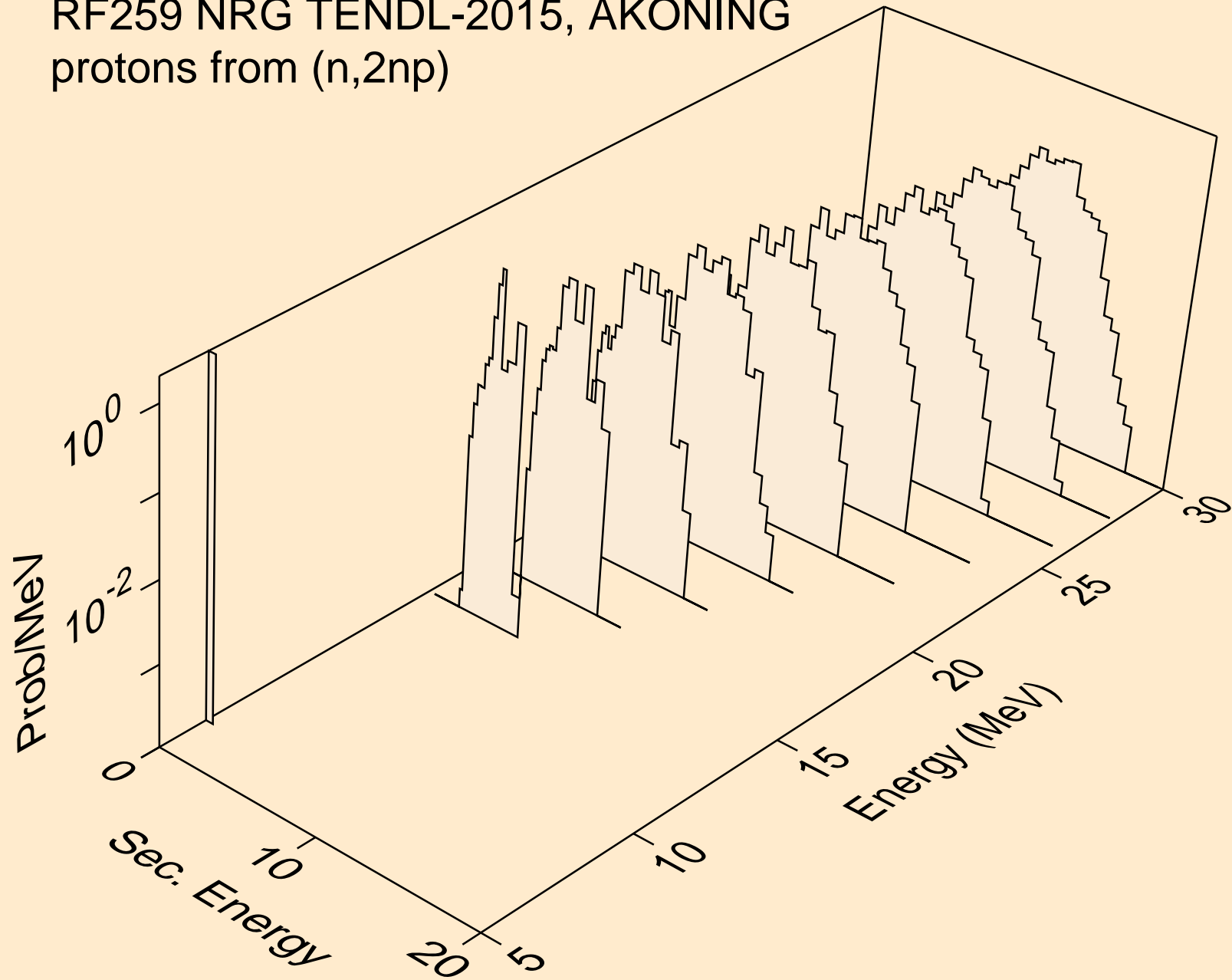
RF259 NRG TENDL-2015, AKONING  
protons from (n,2np)



RF259 NRG TENDL-2015, AKONING  
protons from (n,3np)

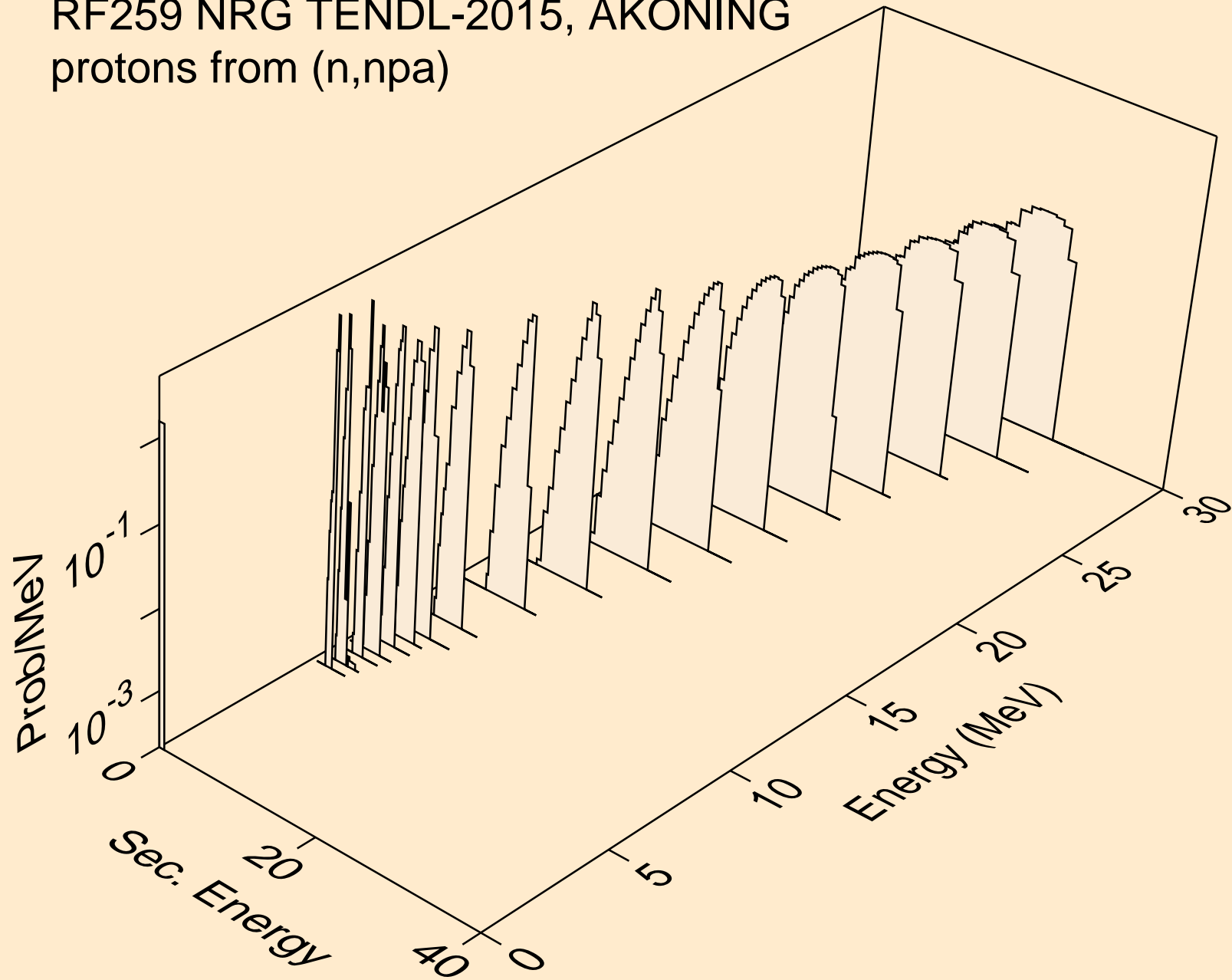


RF259 NRG TENDL-2015, AKONING  
protons from (n,2np)

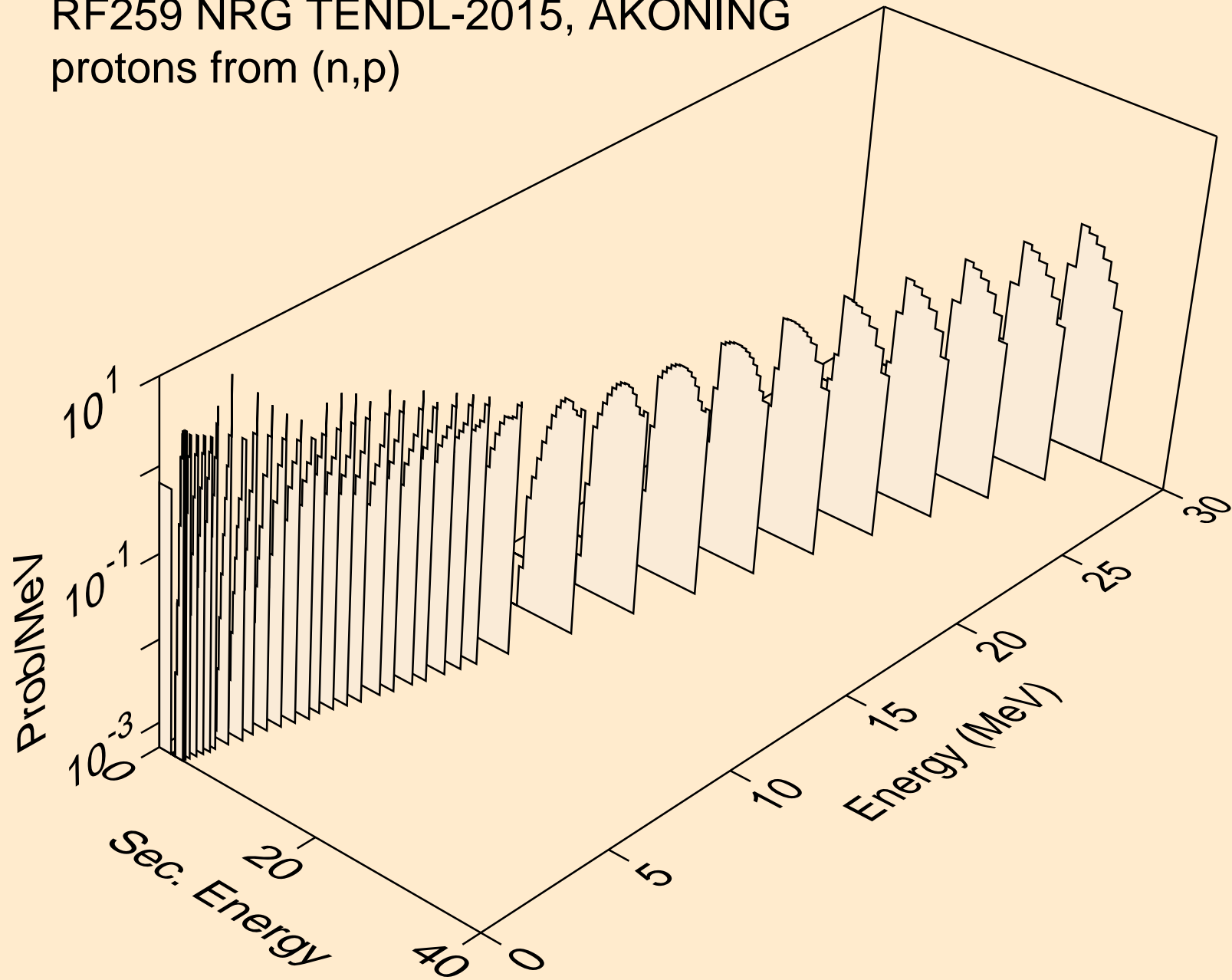




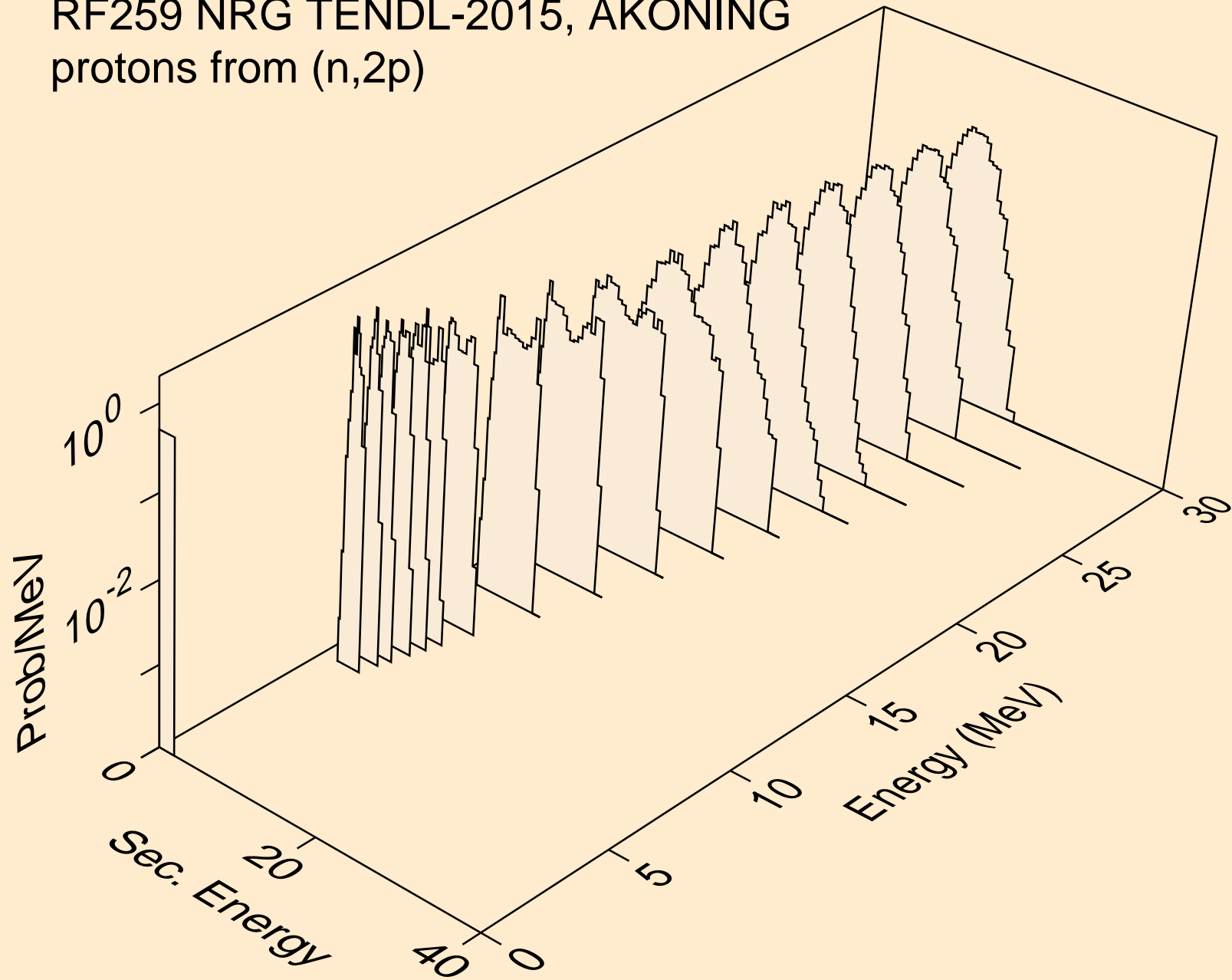
RF259 NRG TENDL-2015, AKONING  
protons from (n,npa)



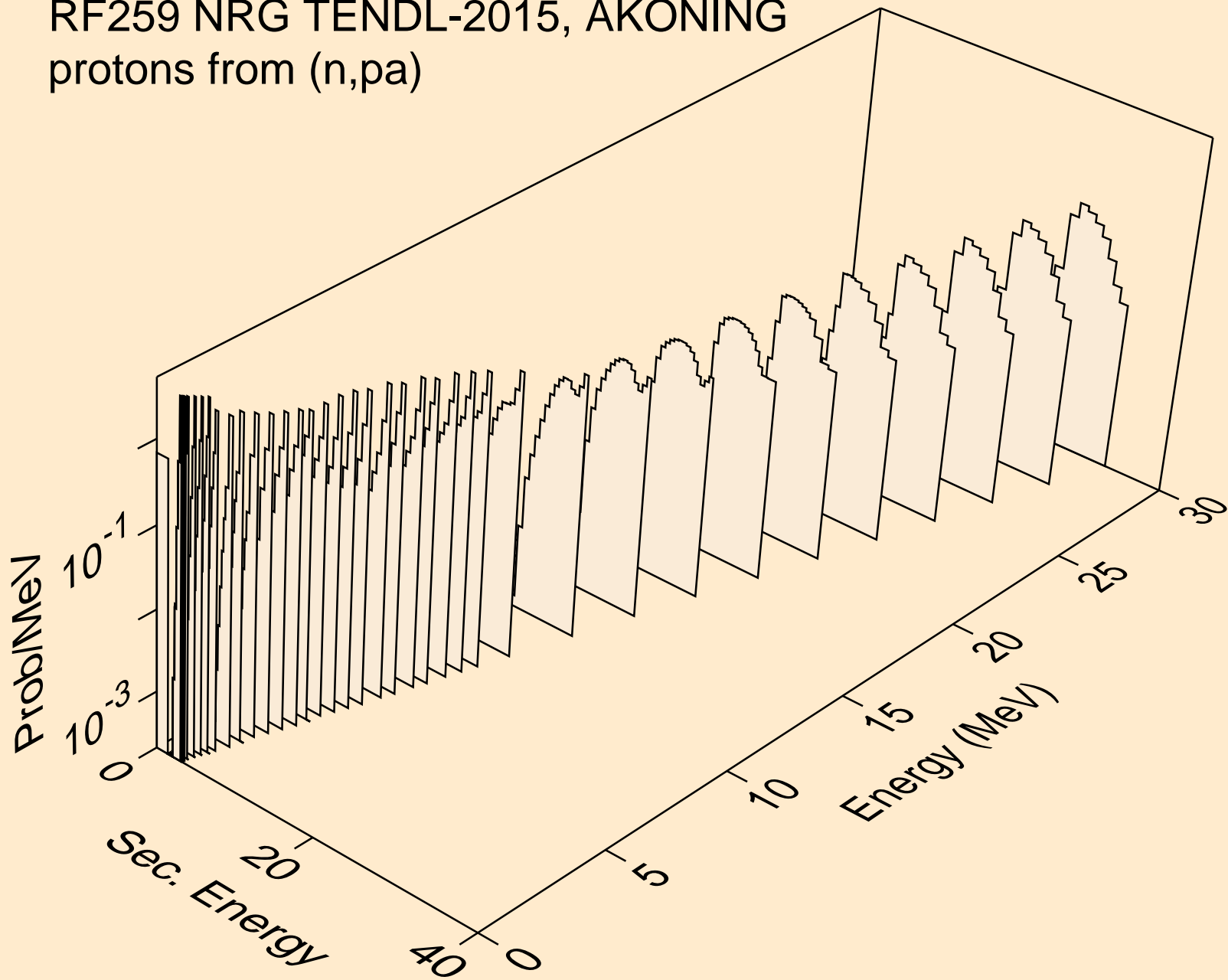
RF259 NRG TENDL-2015, AKONING  
protons from (n,p)



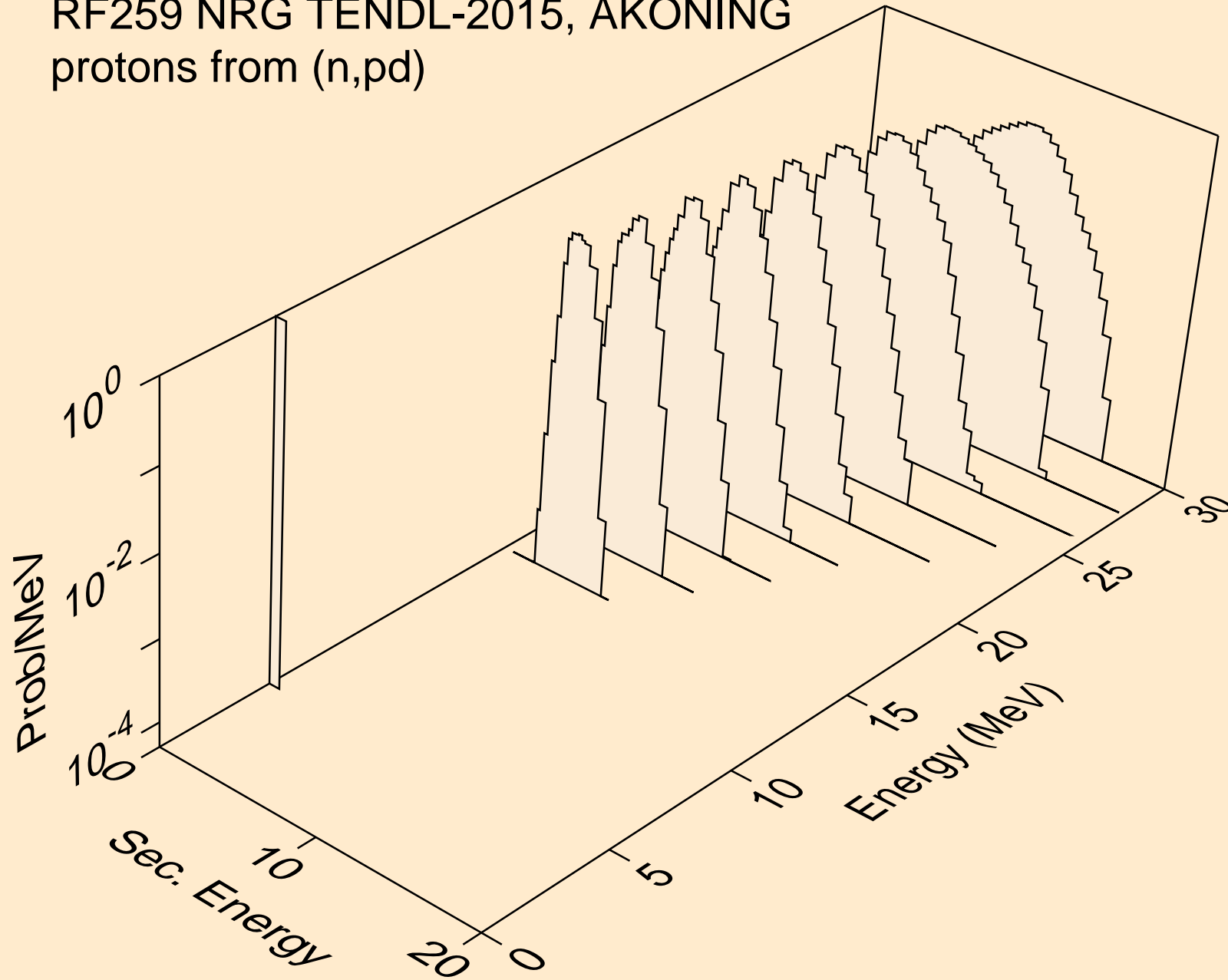
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protons from (n,2p)



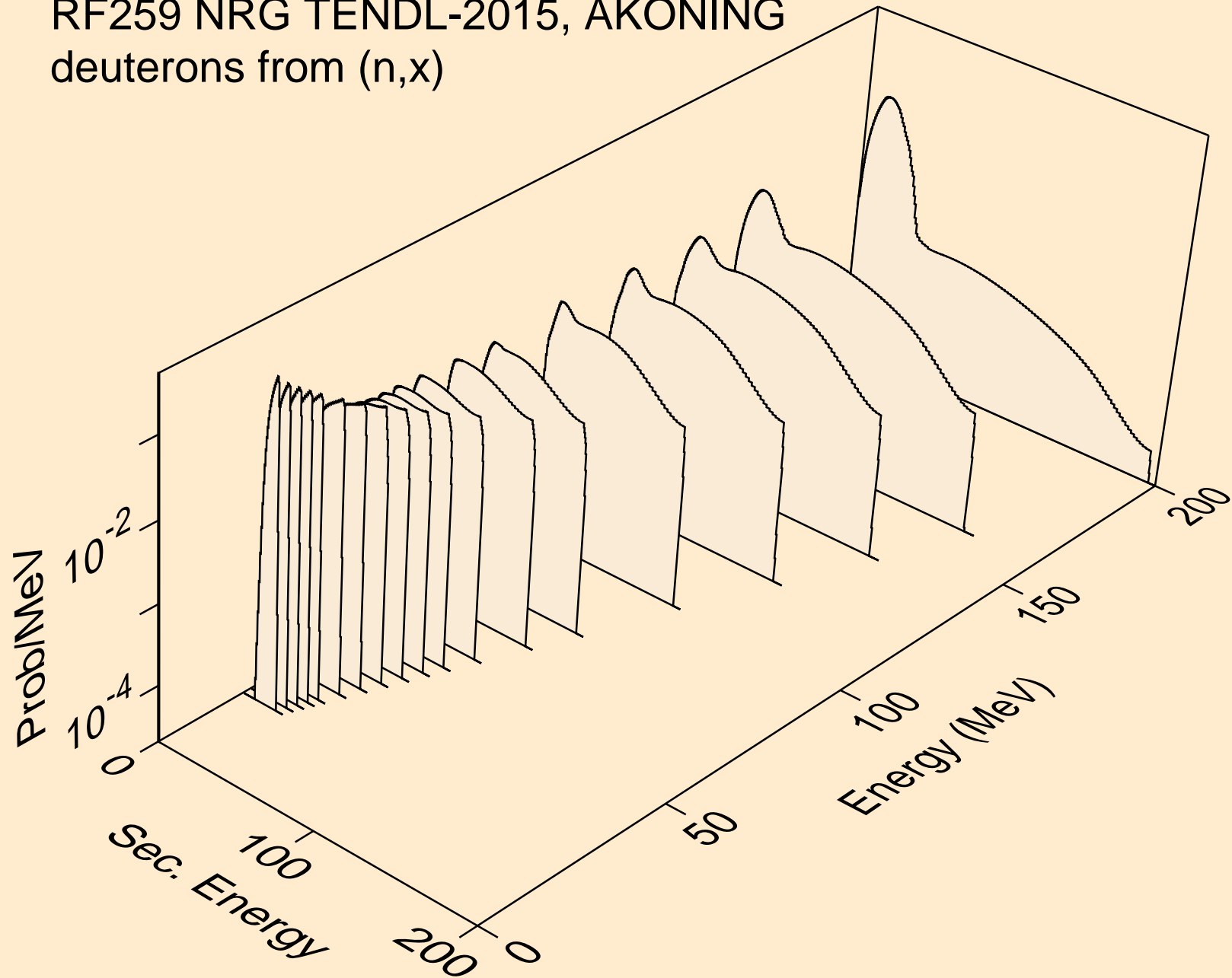
RF259 NRG TENDL-2015, AKONING  
protons from (n,pa)



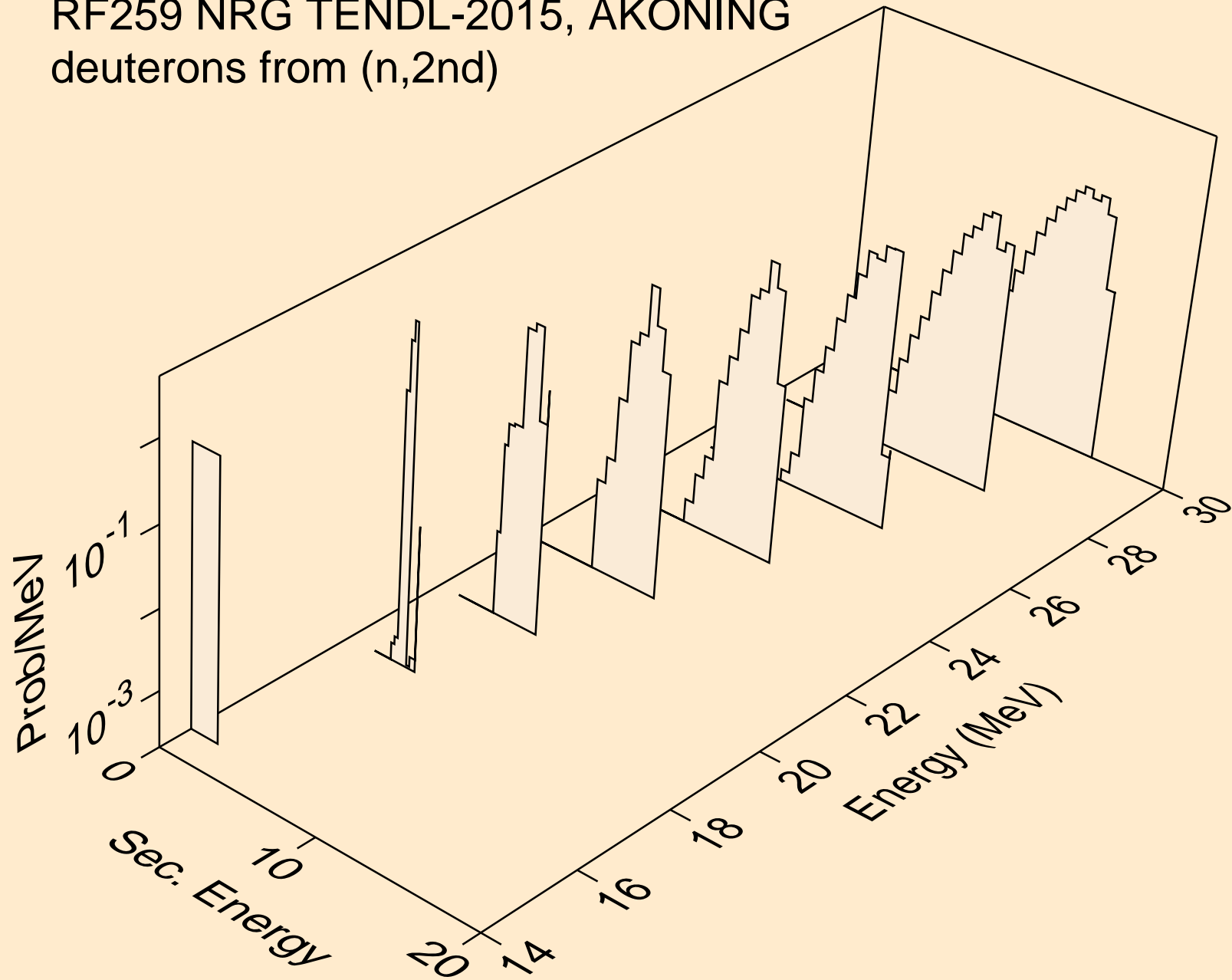
RF259 NRG TENDL-2015, AKONING  
protons from (n,pd)



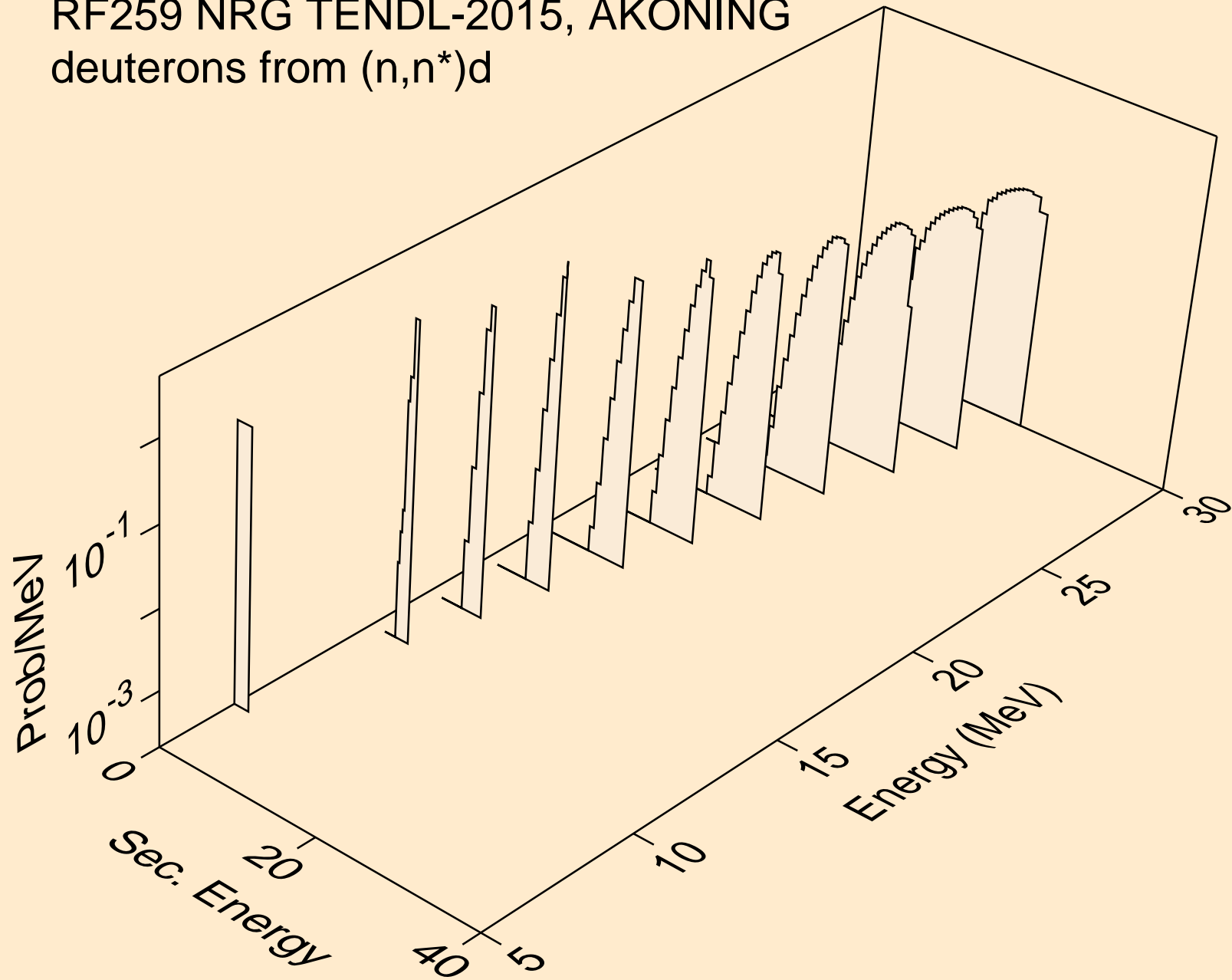
RF259 NRG TENDL-2015, AKONING  
deuterons from (n,x)



RF259 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

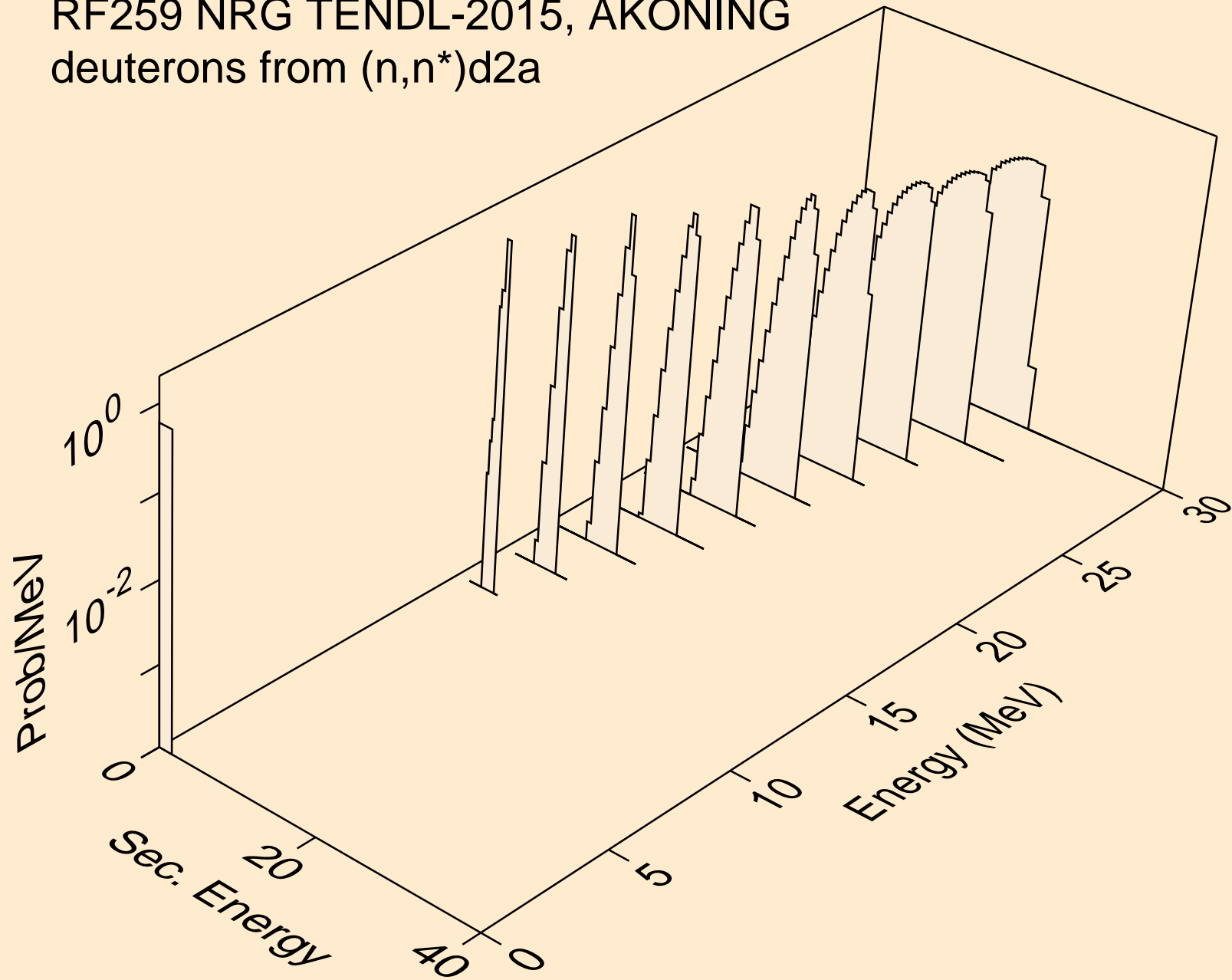


RF259 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

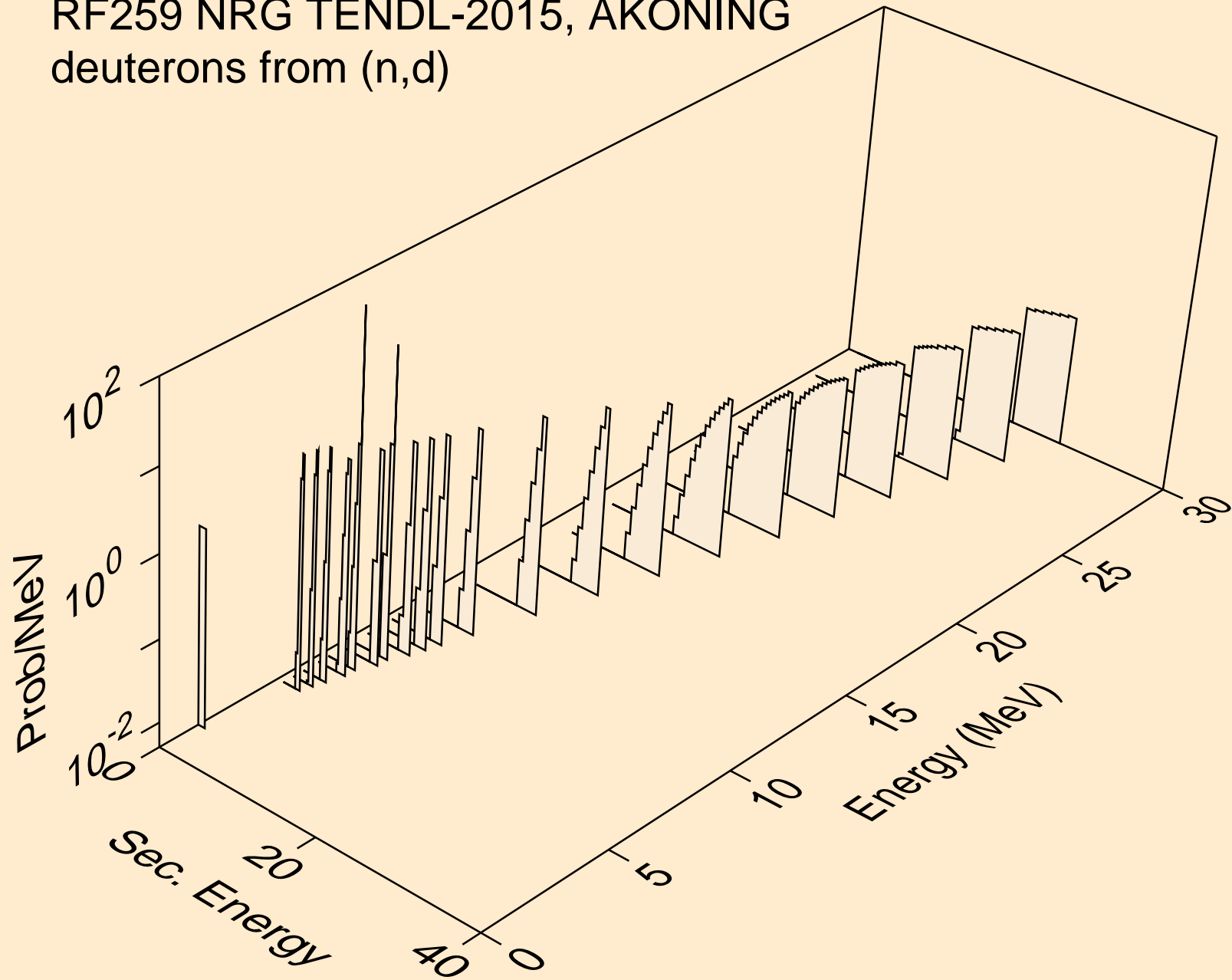




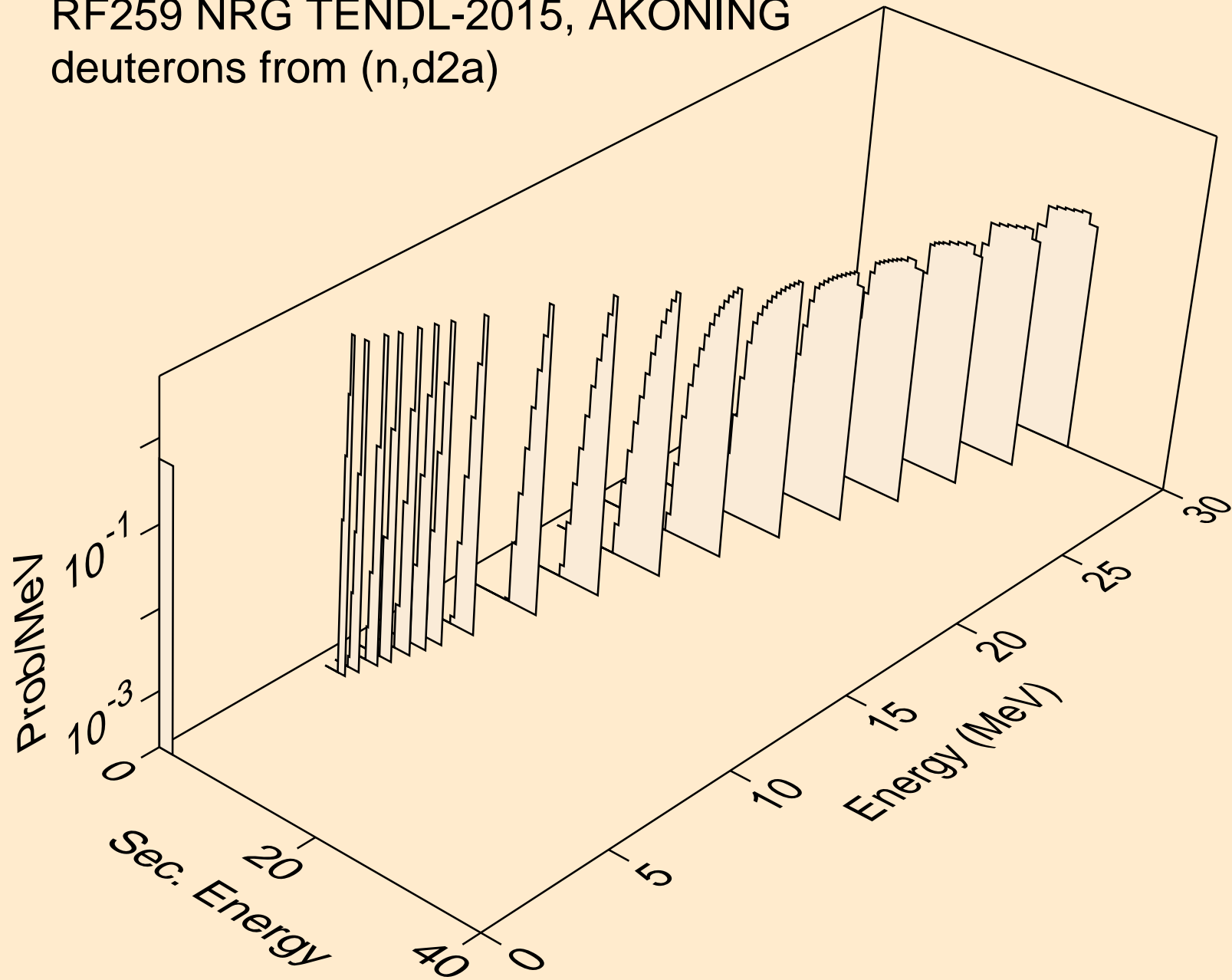
RF259 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



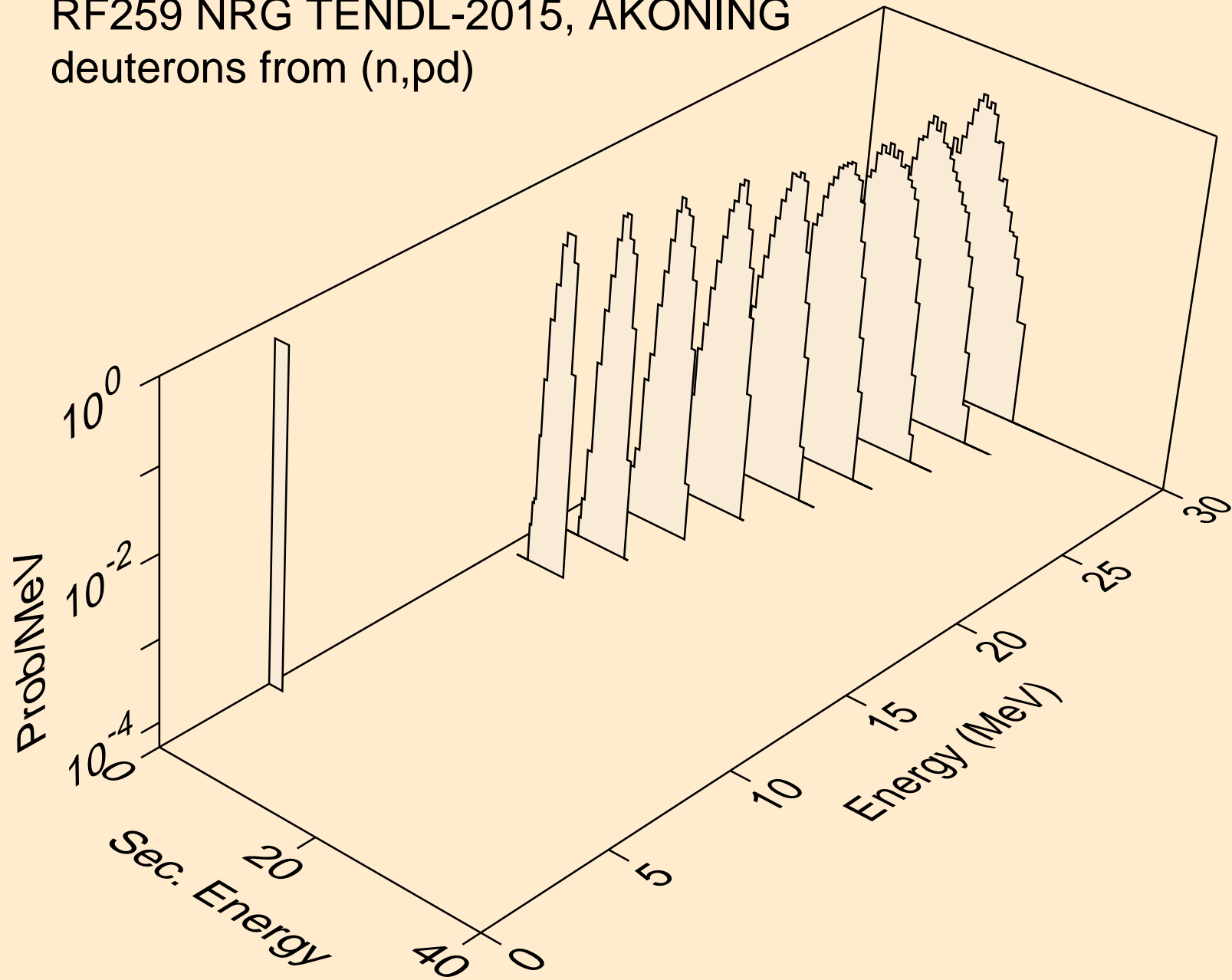
RF259 NRG TENDL-2015, AKONING  
deuterons from (n,d)



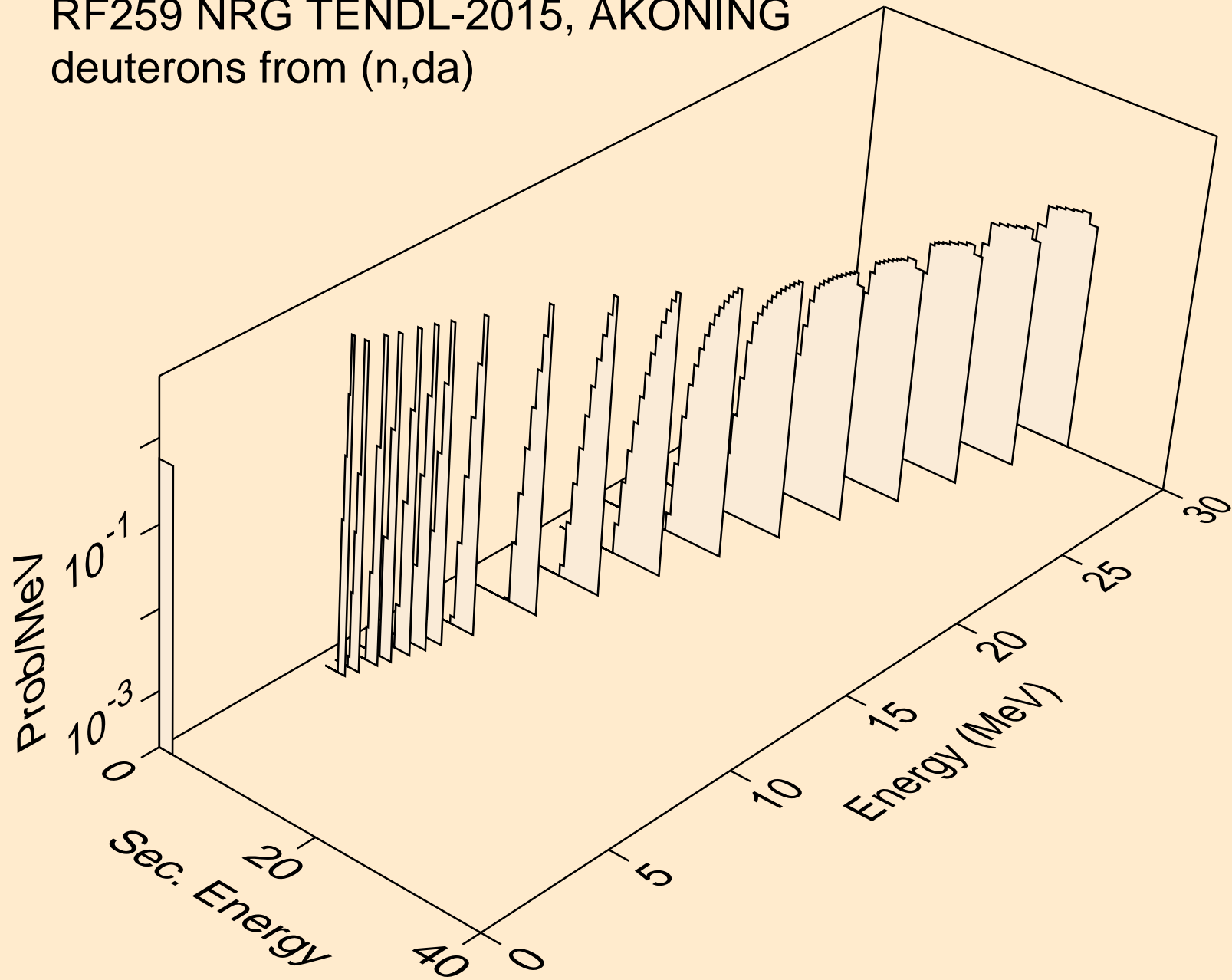
RF259 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



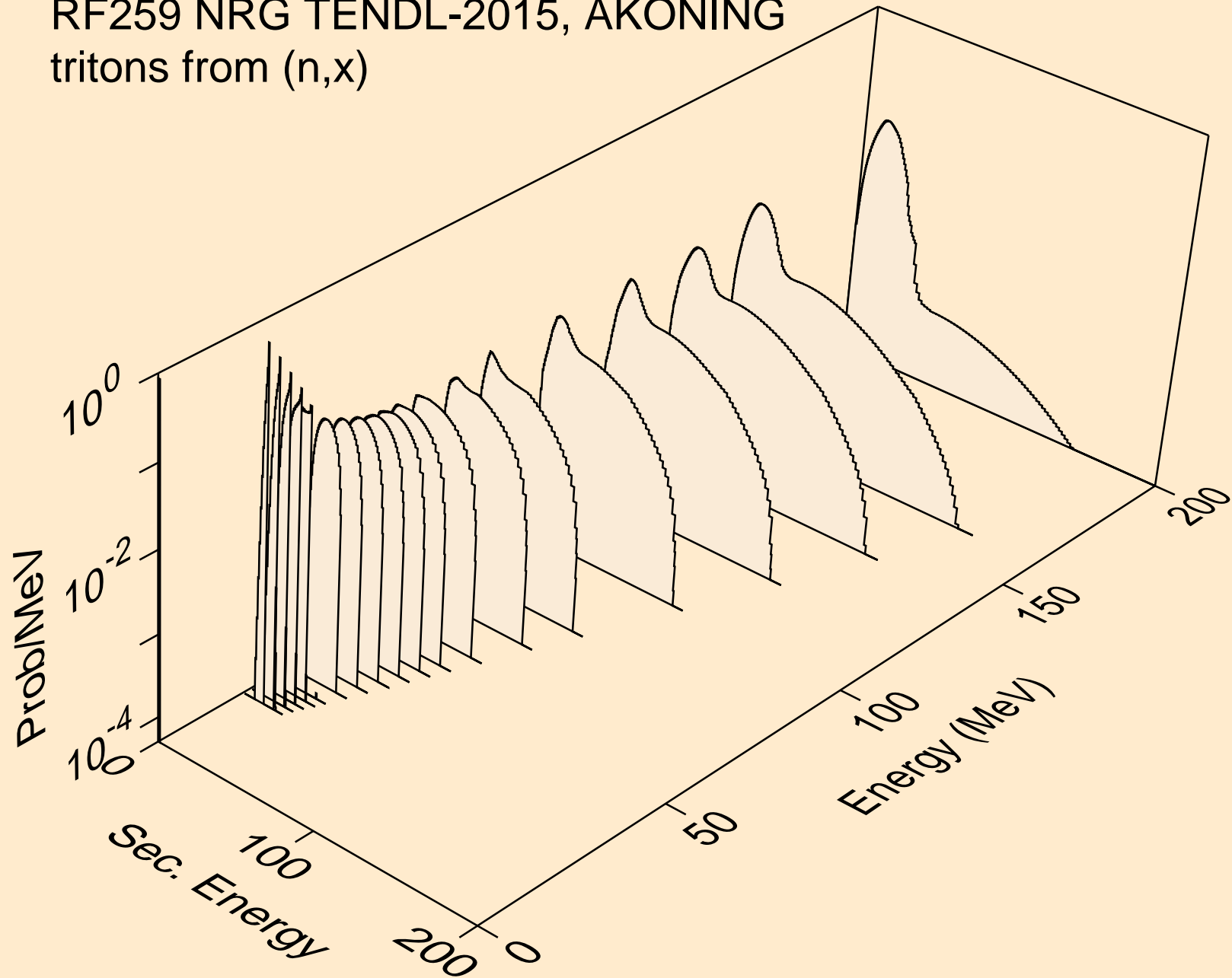
RF259 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



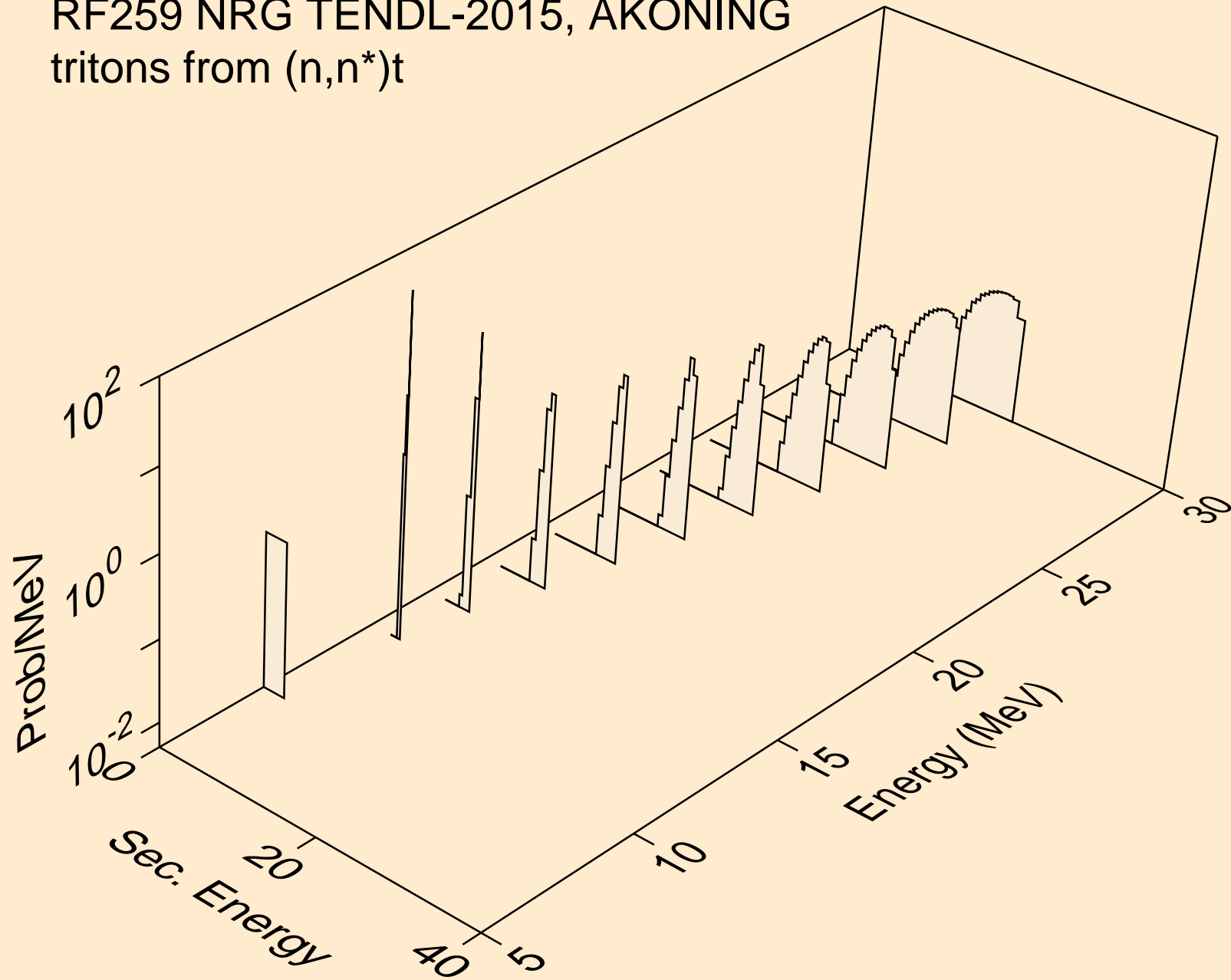
RF259 NRG TENDL-2015, AKONING  
deuterons from (n,da)



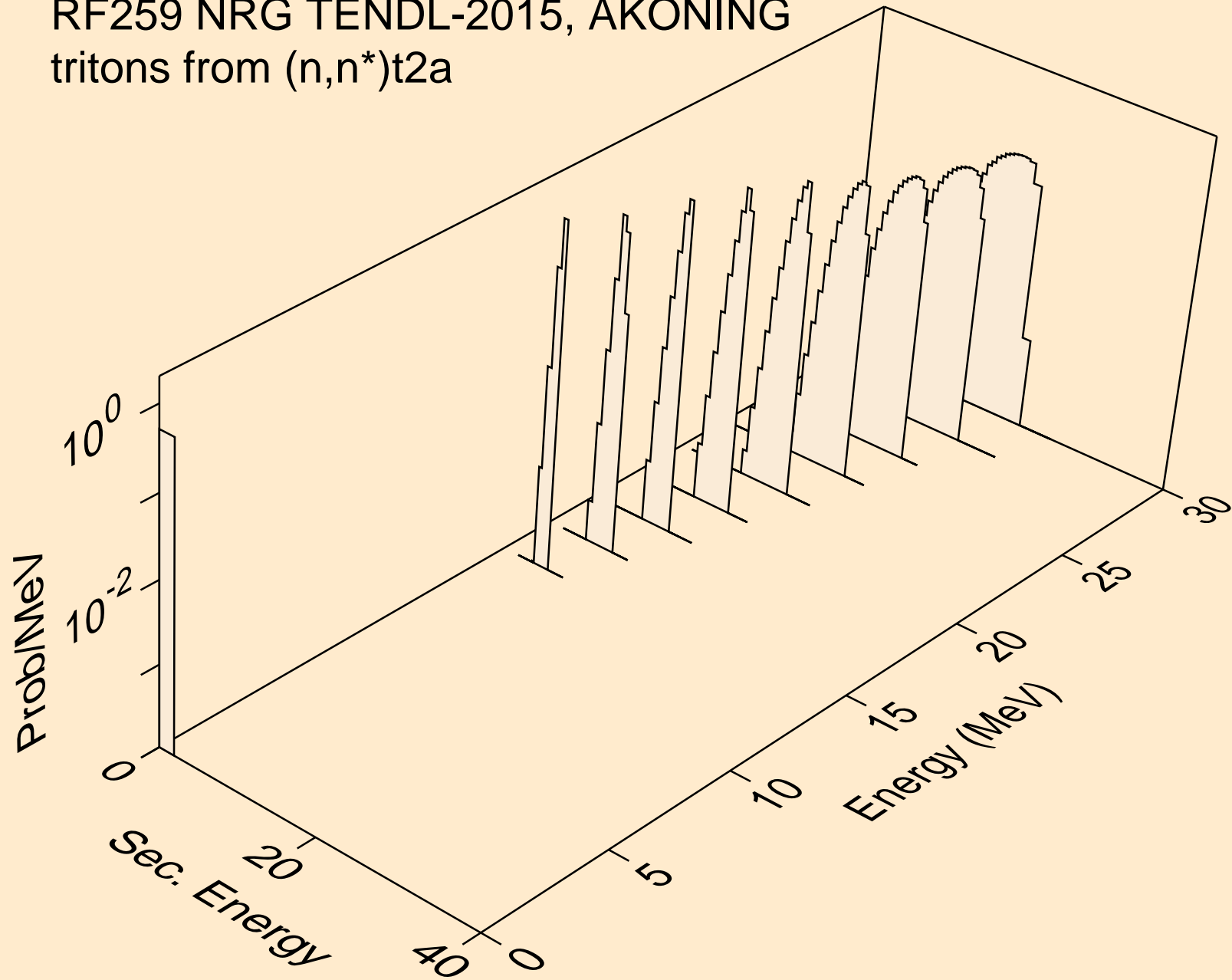
RF259 NRG TENDL-2015, AKONING  
tritons from (n,x)



RF259 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

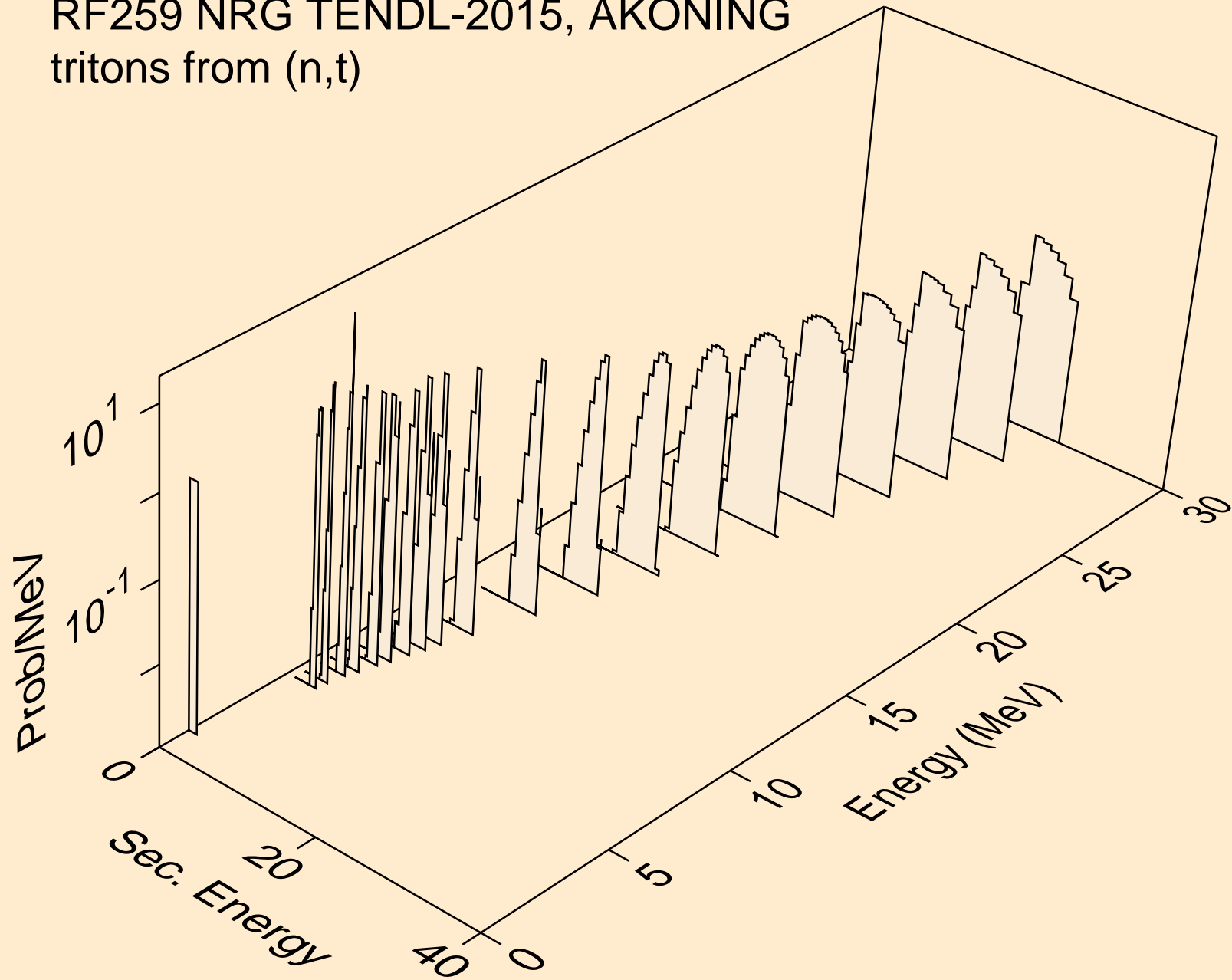


RF259 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a

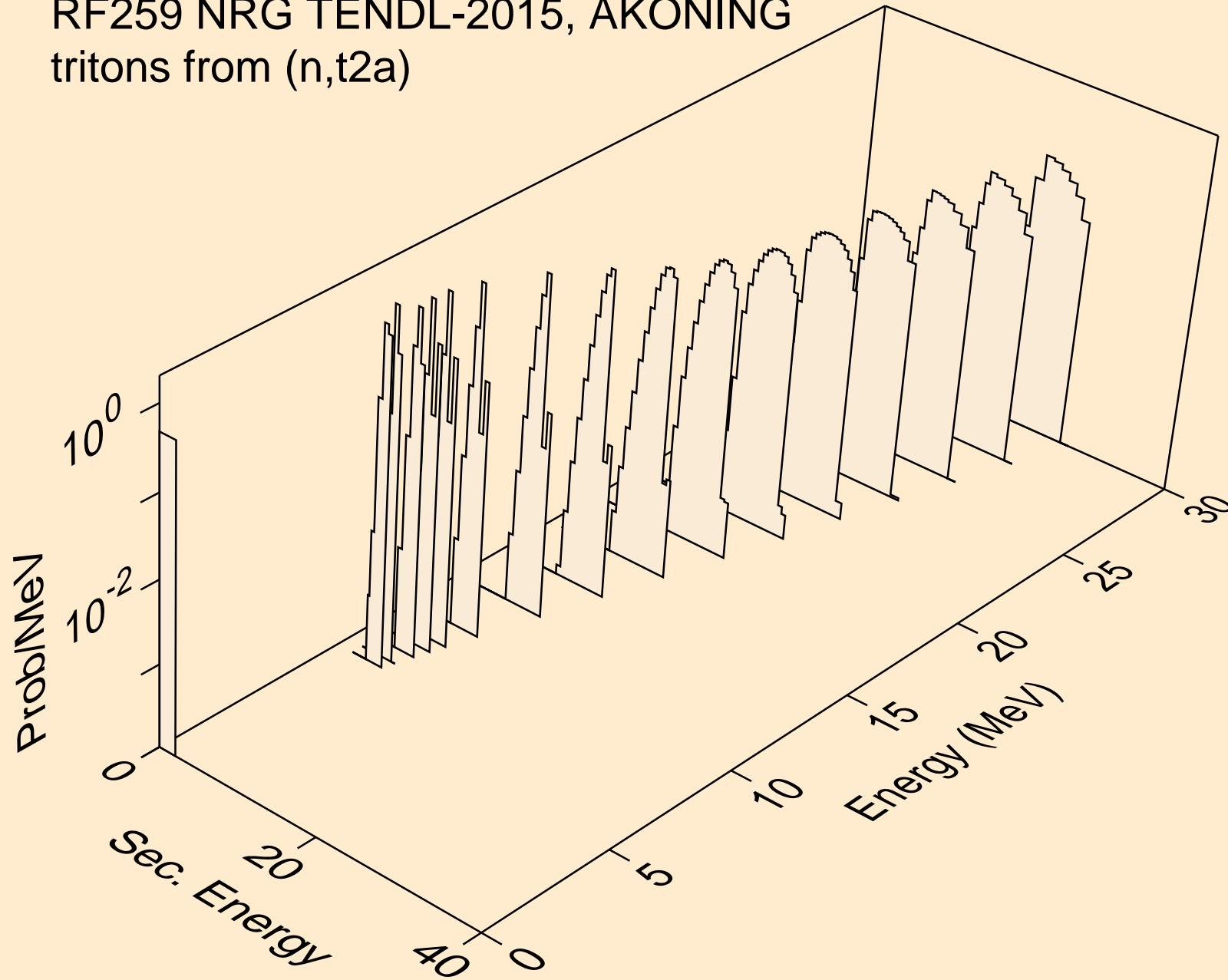




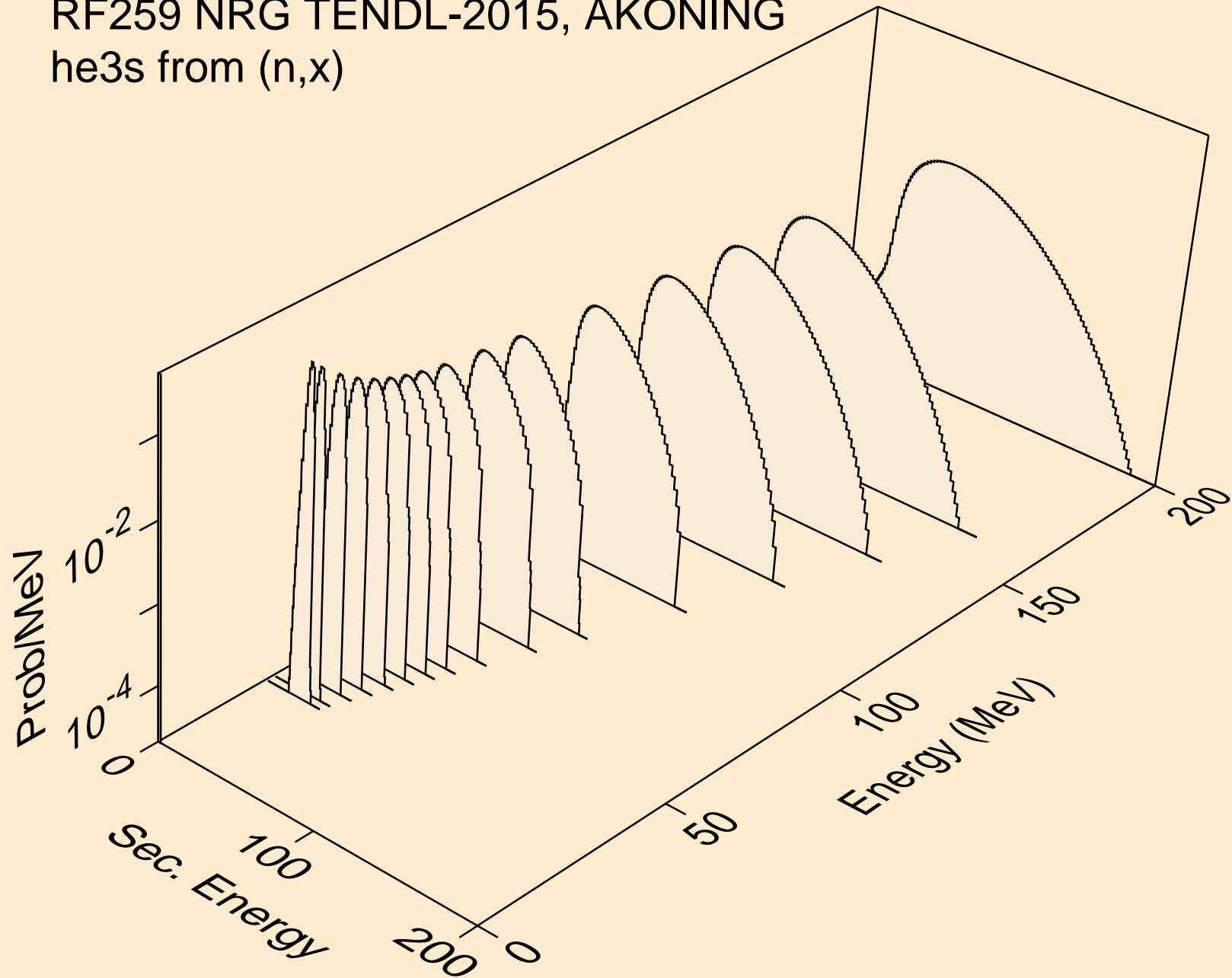
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tritons from (n,t)



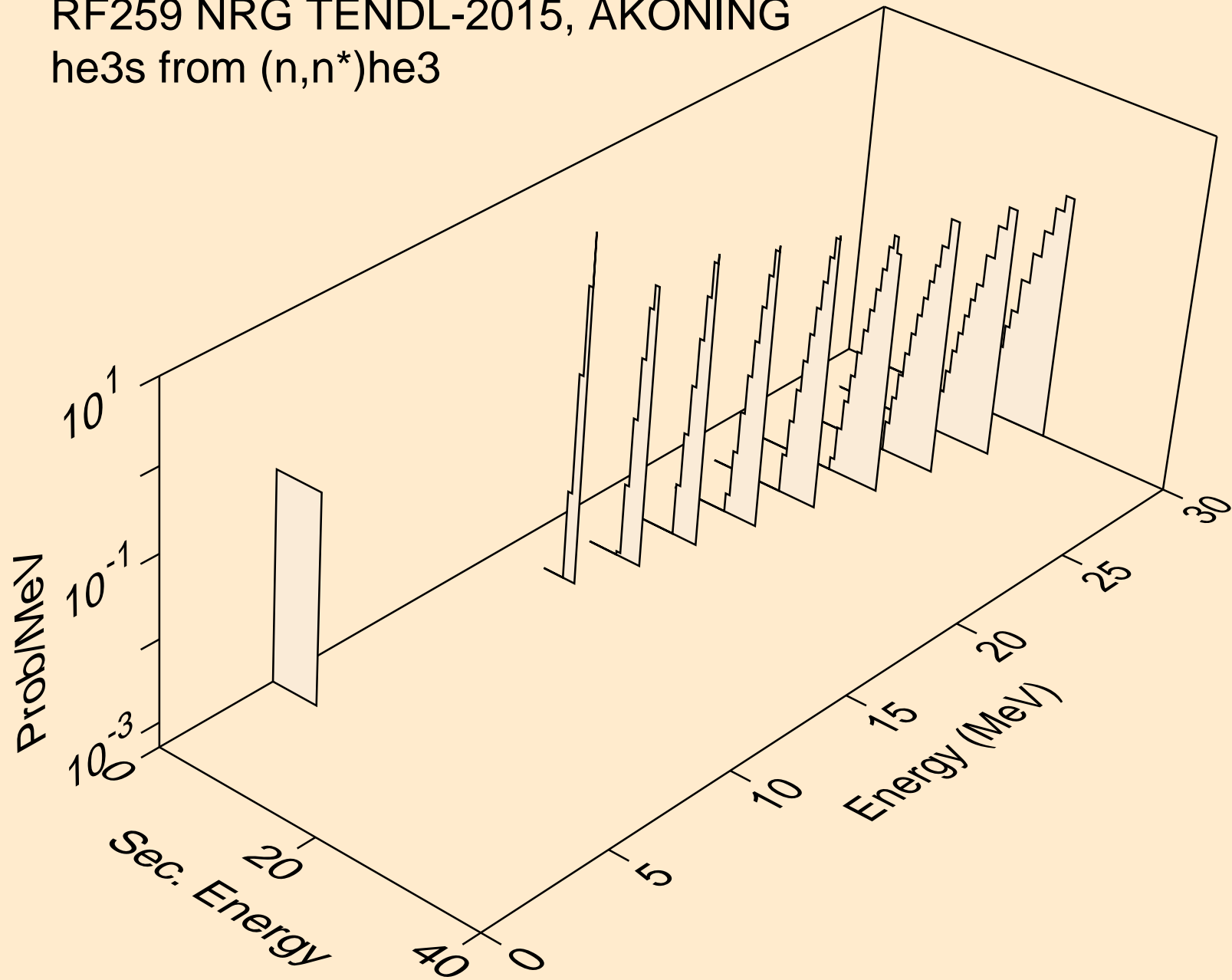
RF259 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



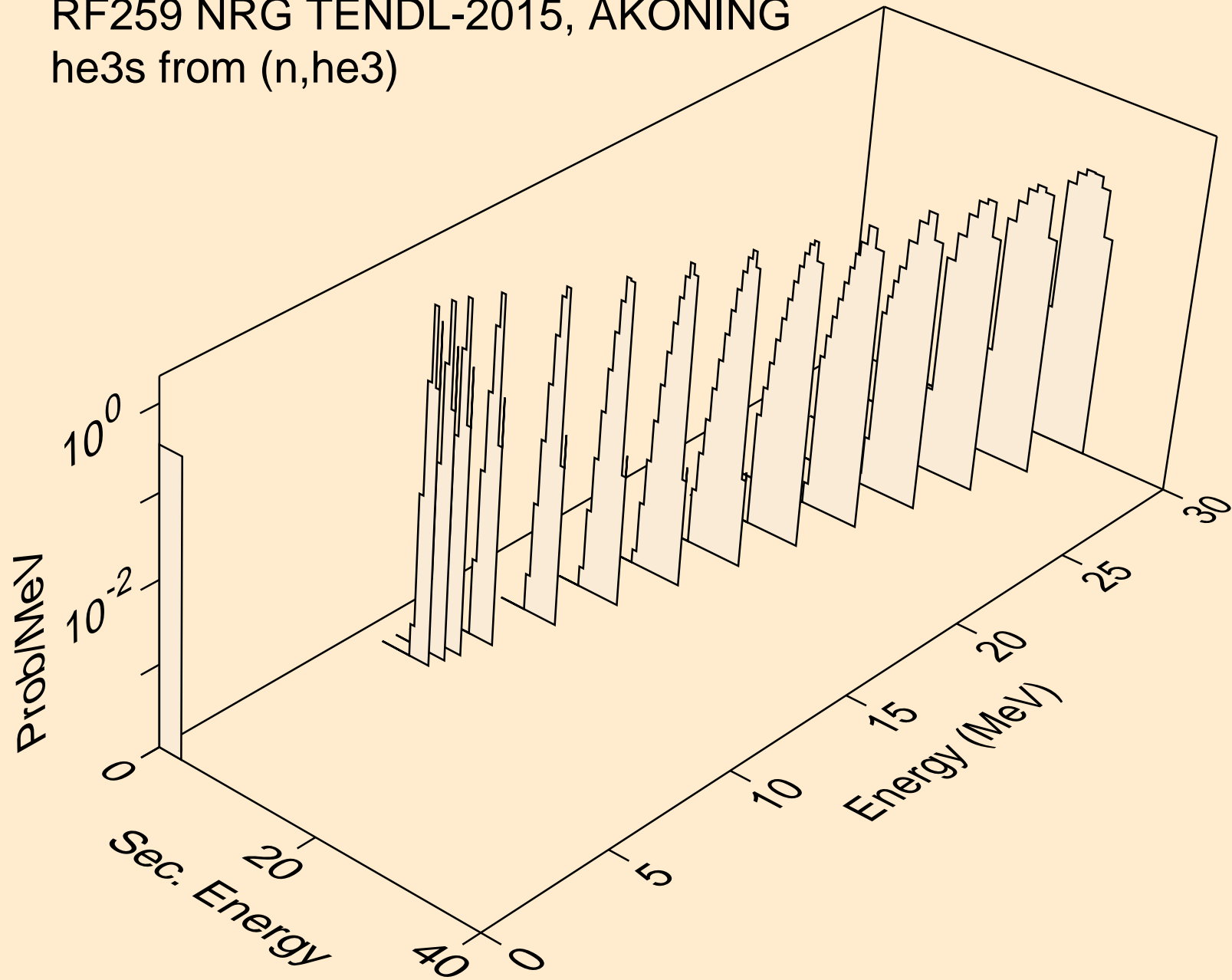
RF259 NRG TENDL-2015, AKONING  
he3s from (n,x)



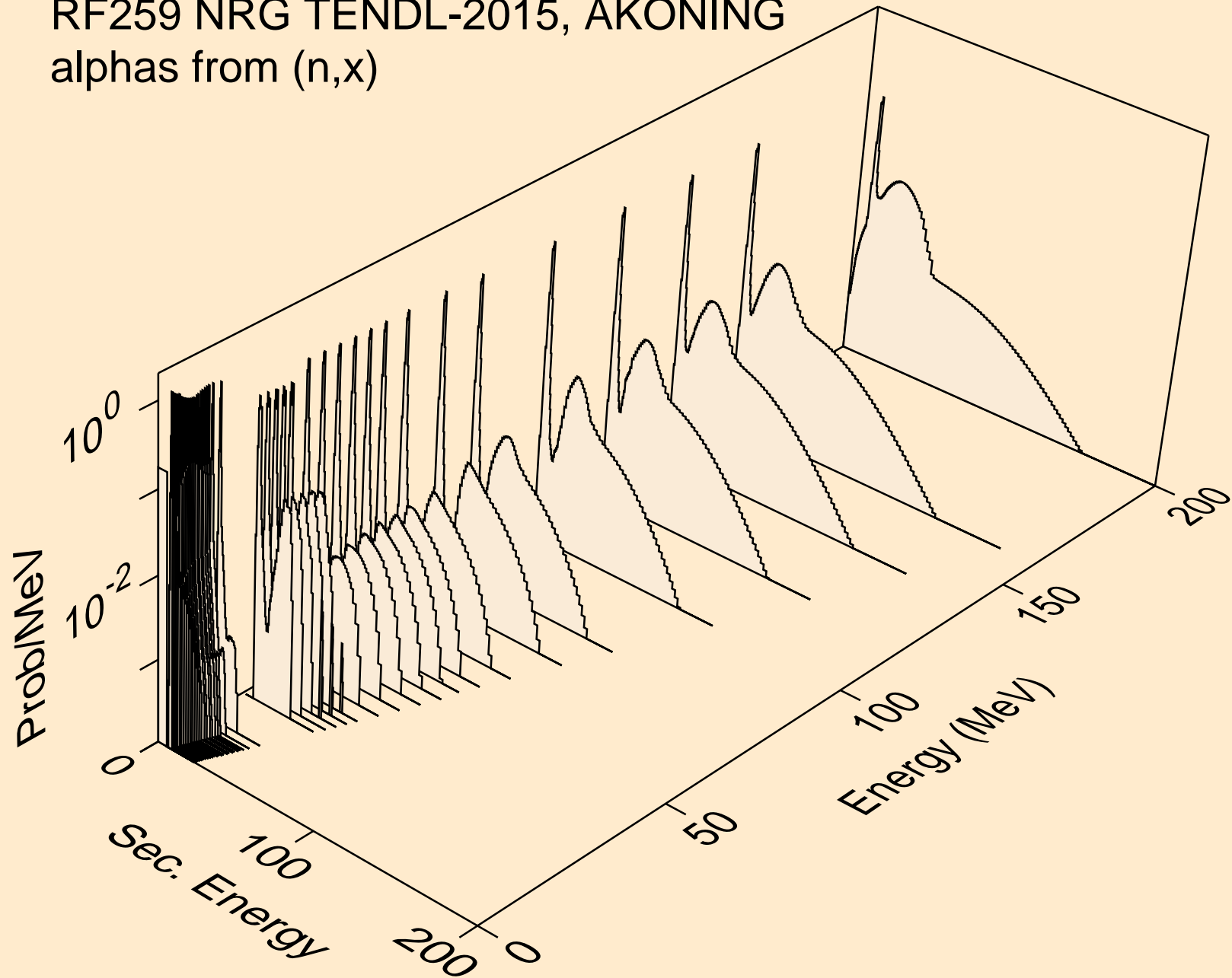
RF259 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



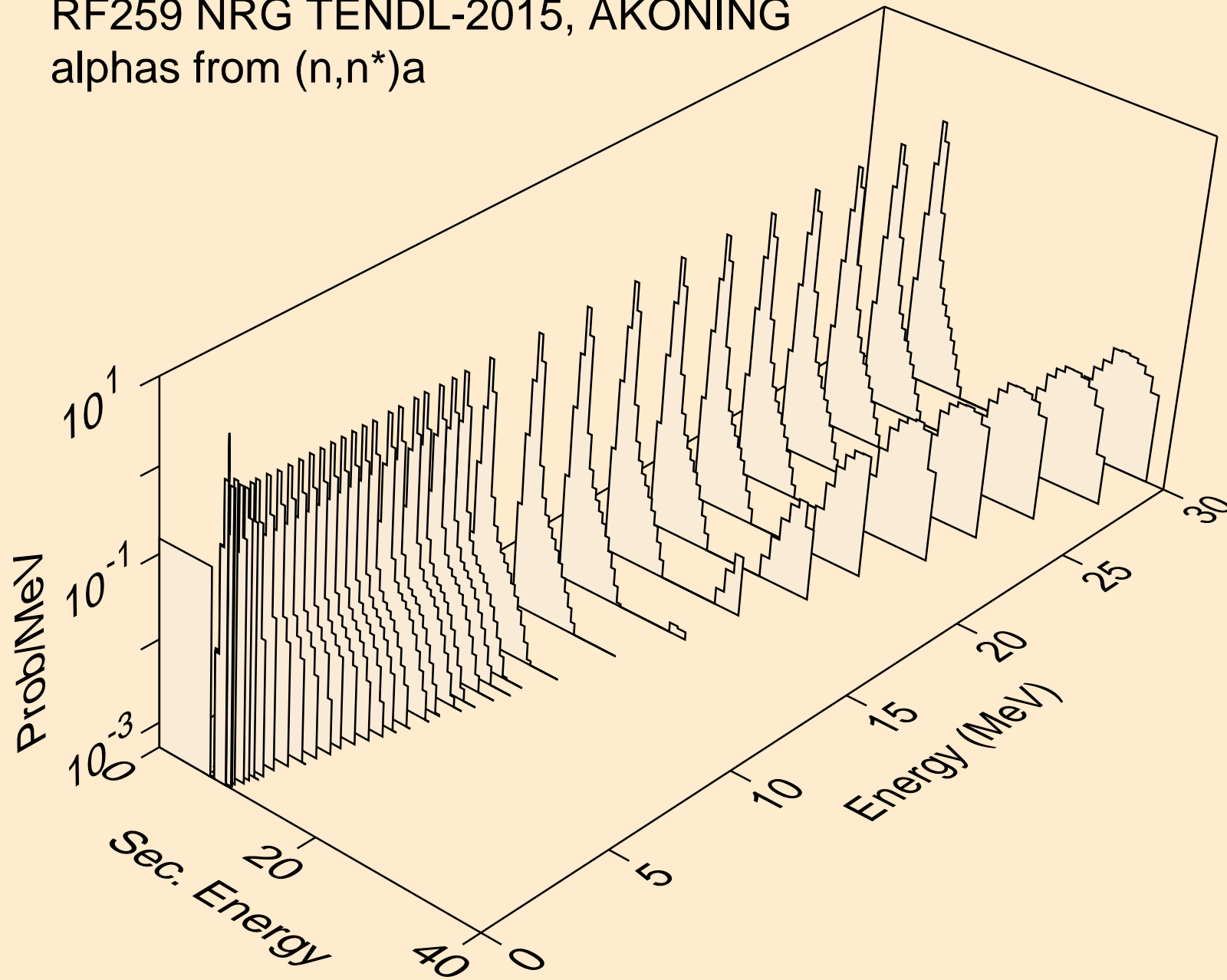
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he3s from (n,he3)



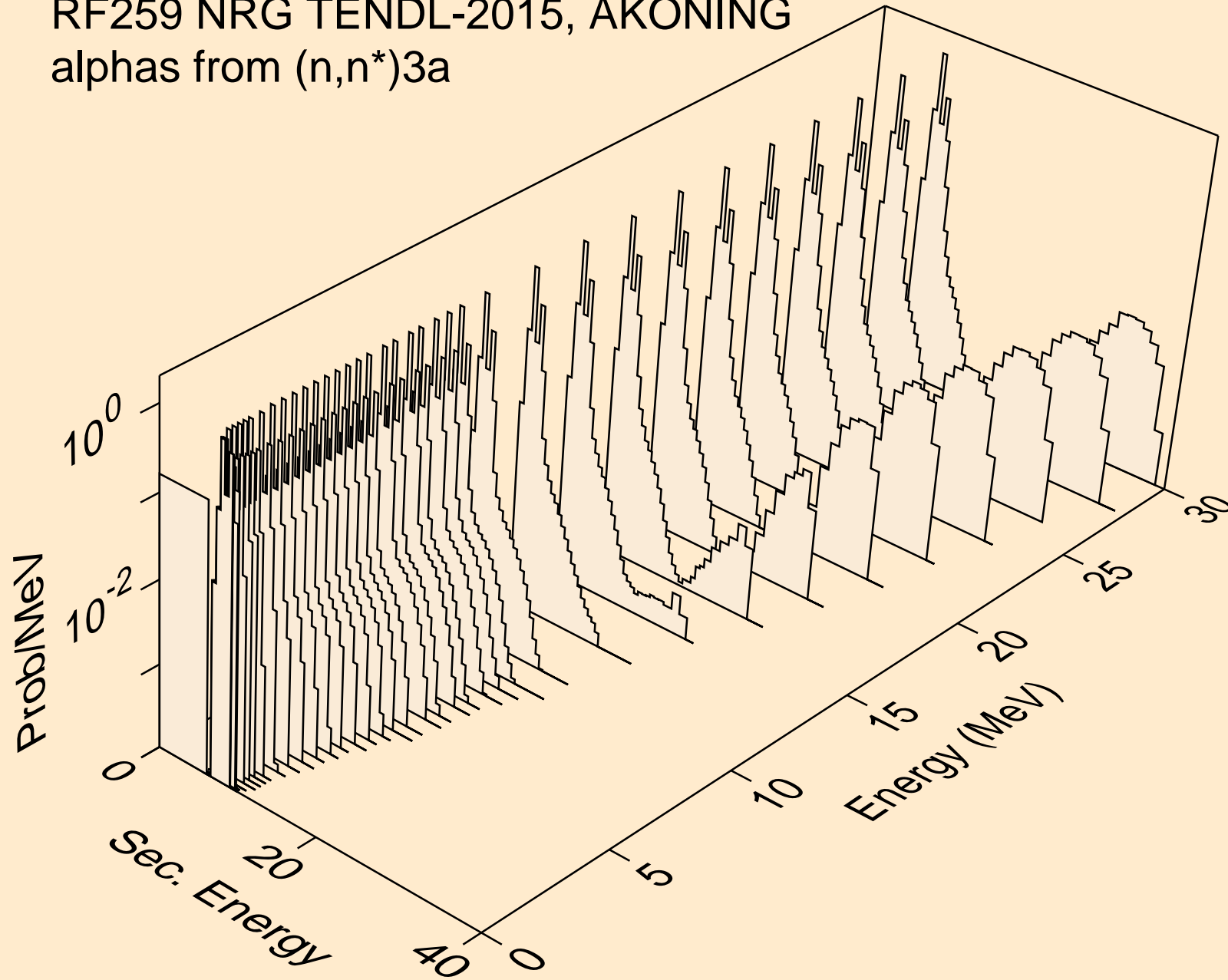
RF259 NRG TENDL-2015, AKONING  
alphas from (n,x)



RF259 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

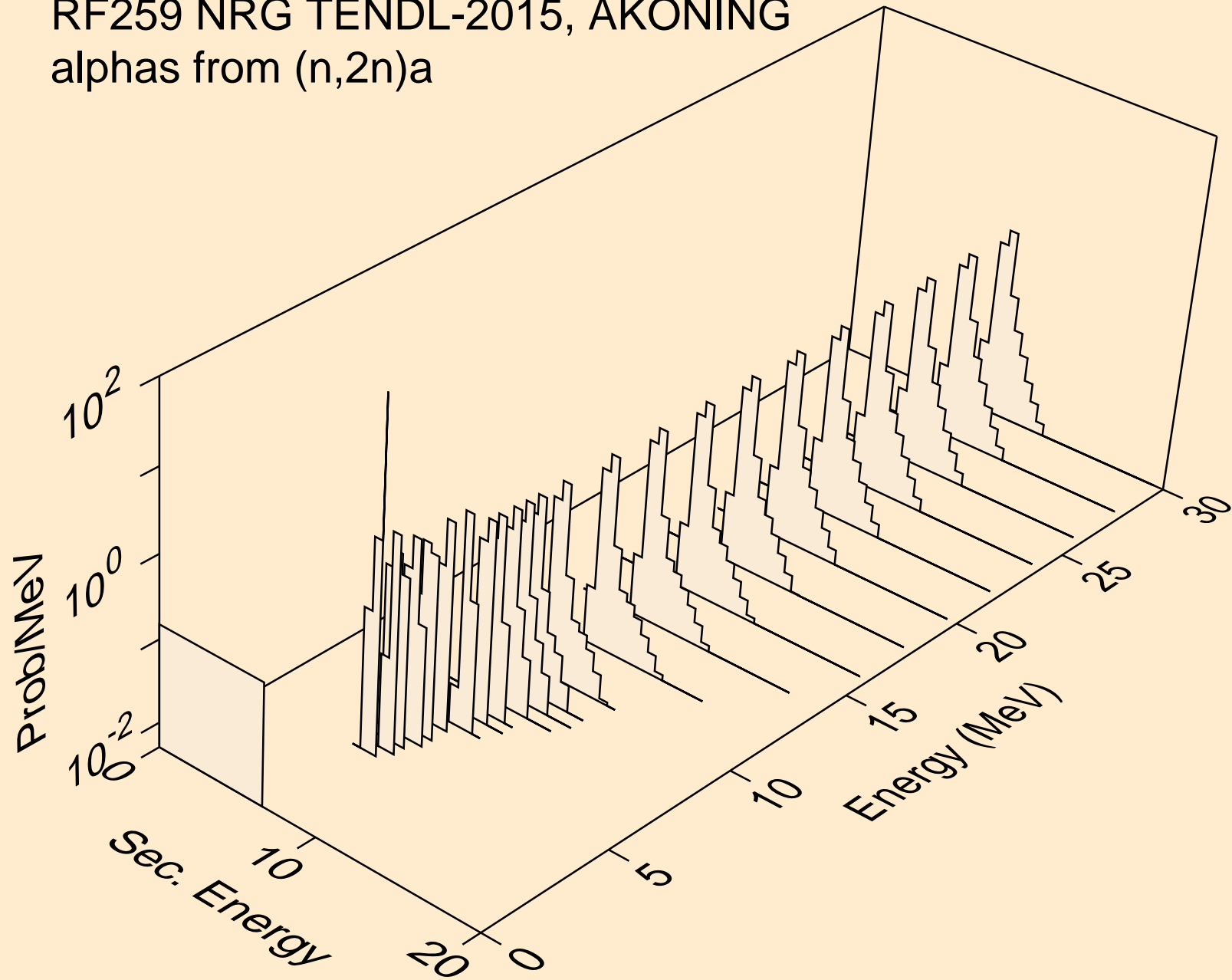


RF259 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

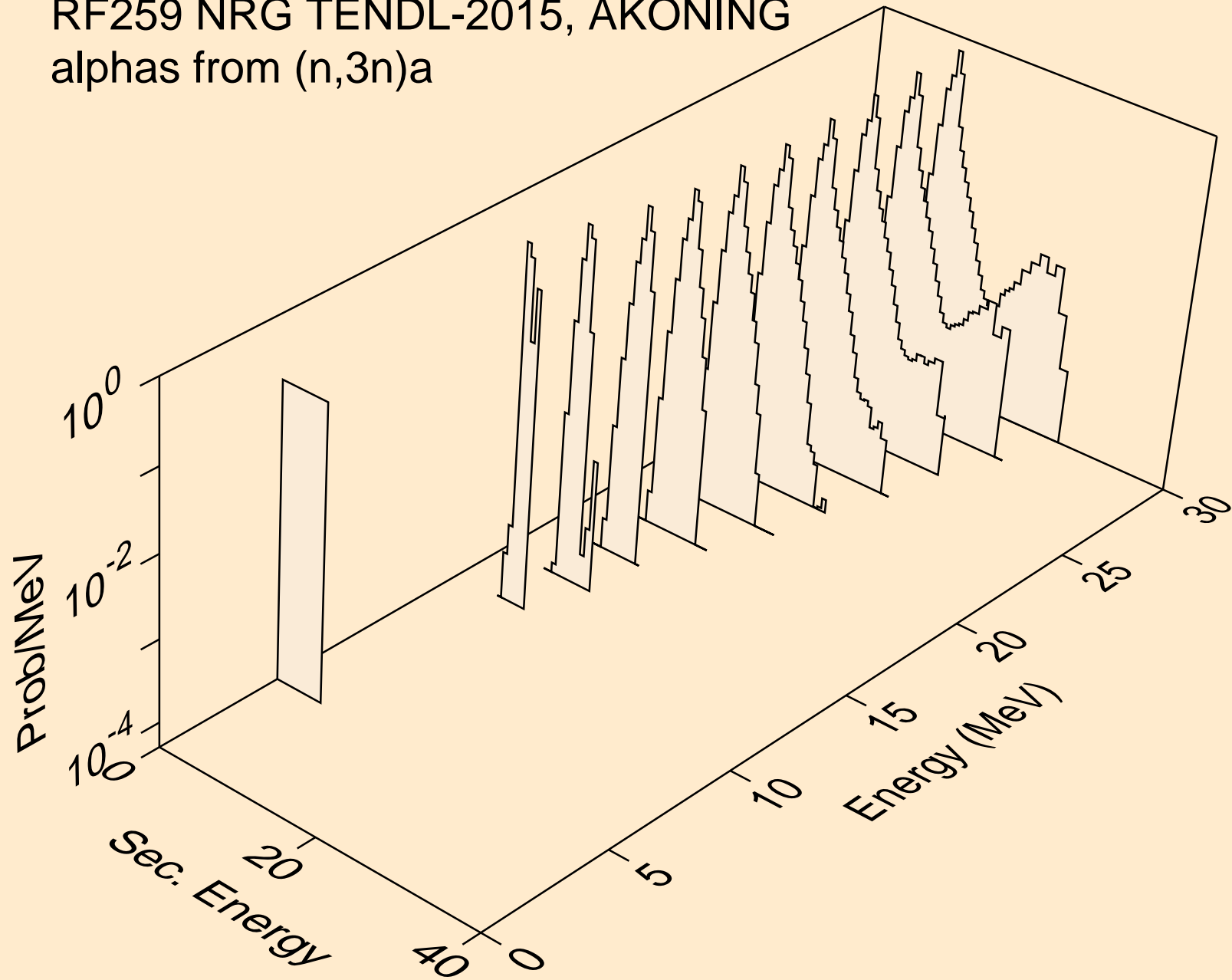




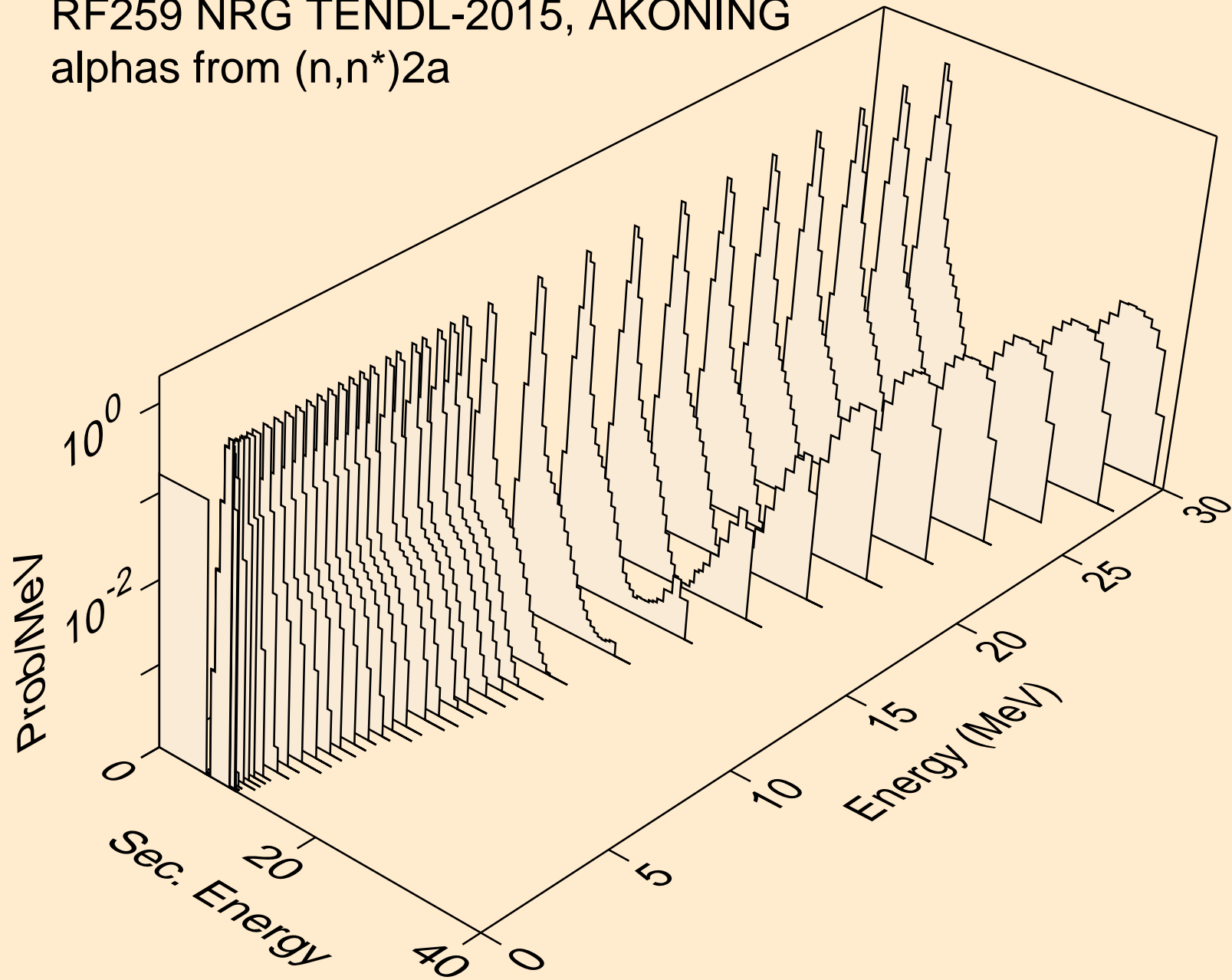
RF259 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



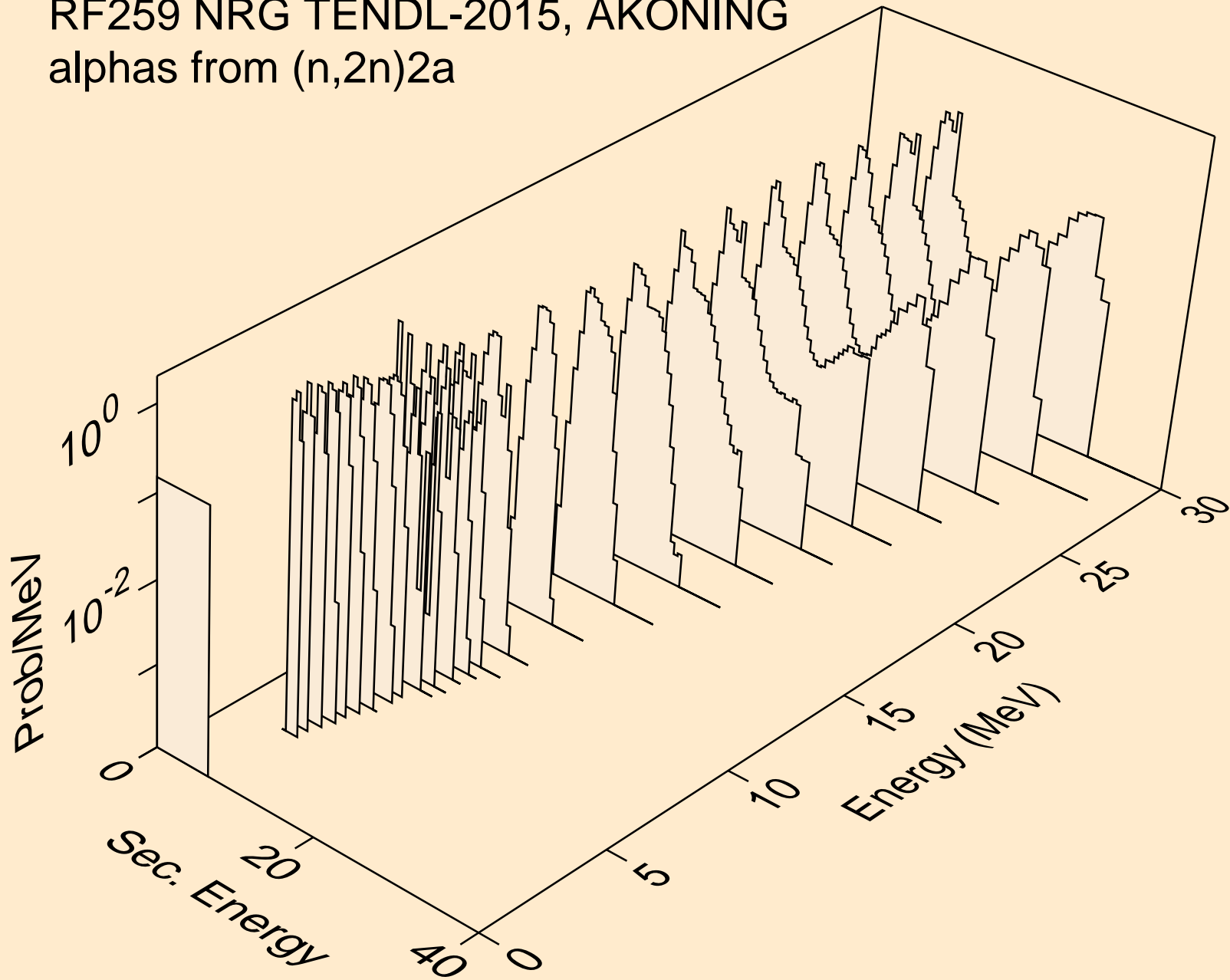
RF259 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



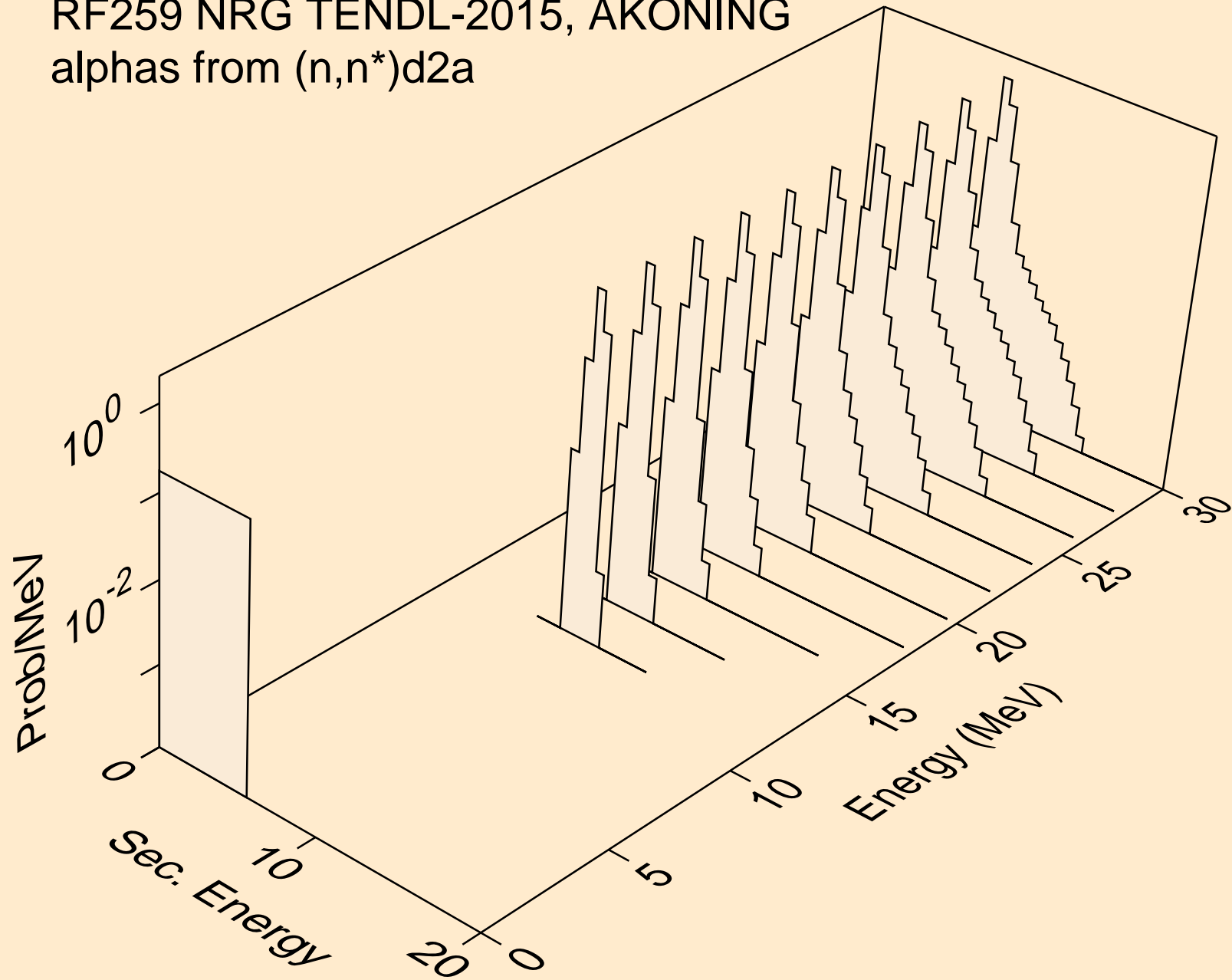
RF259 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



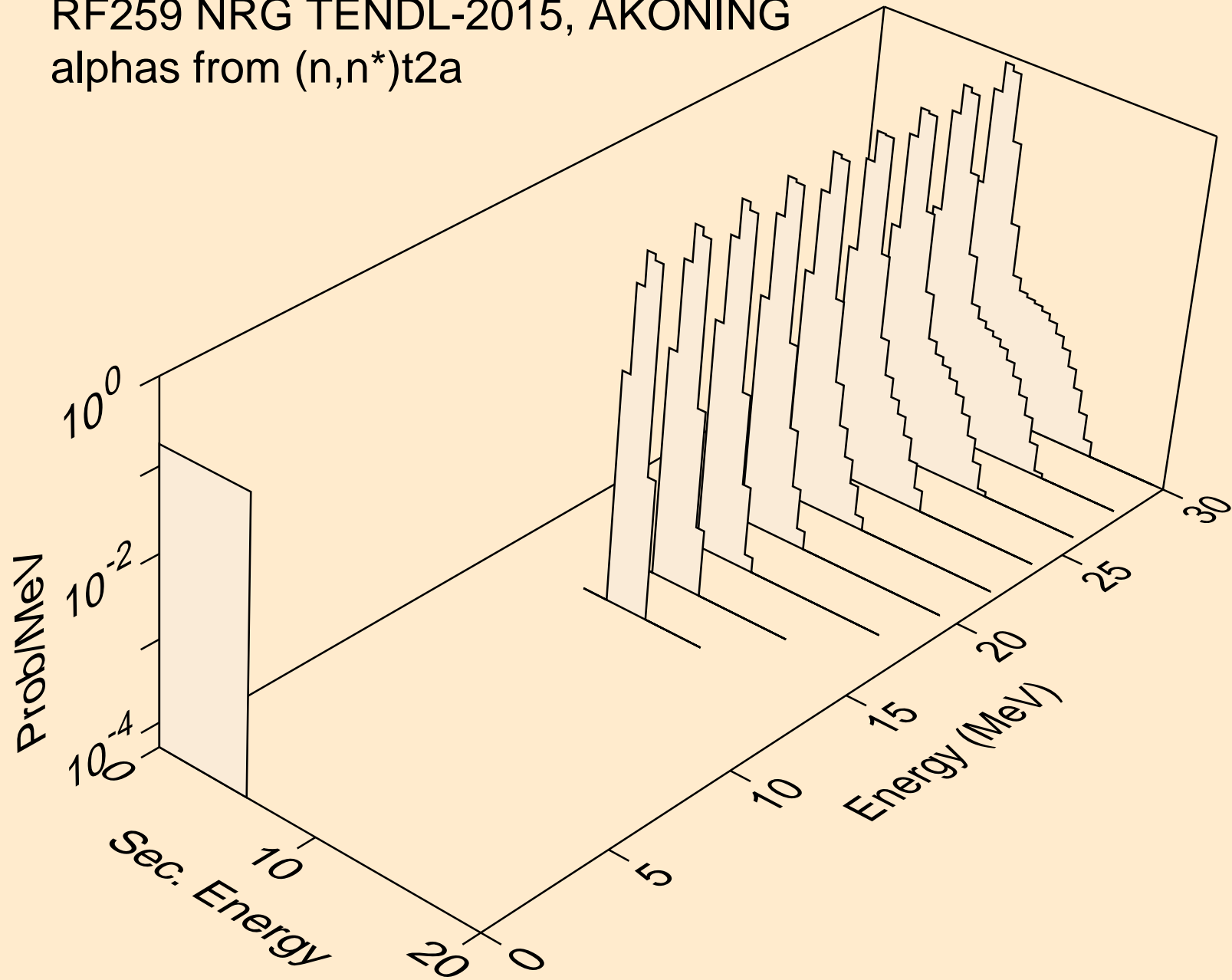
RF259 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



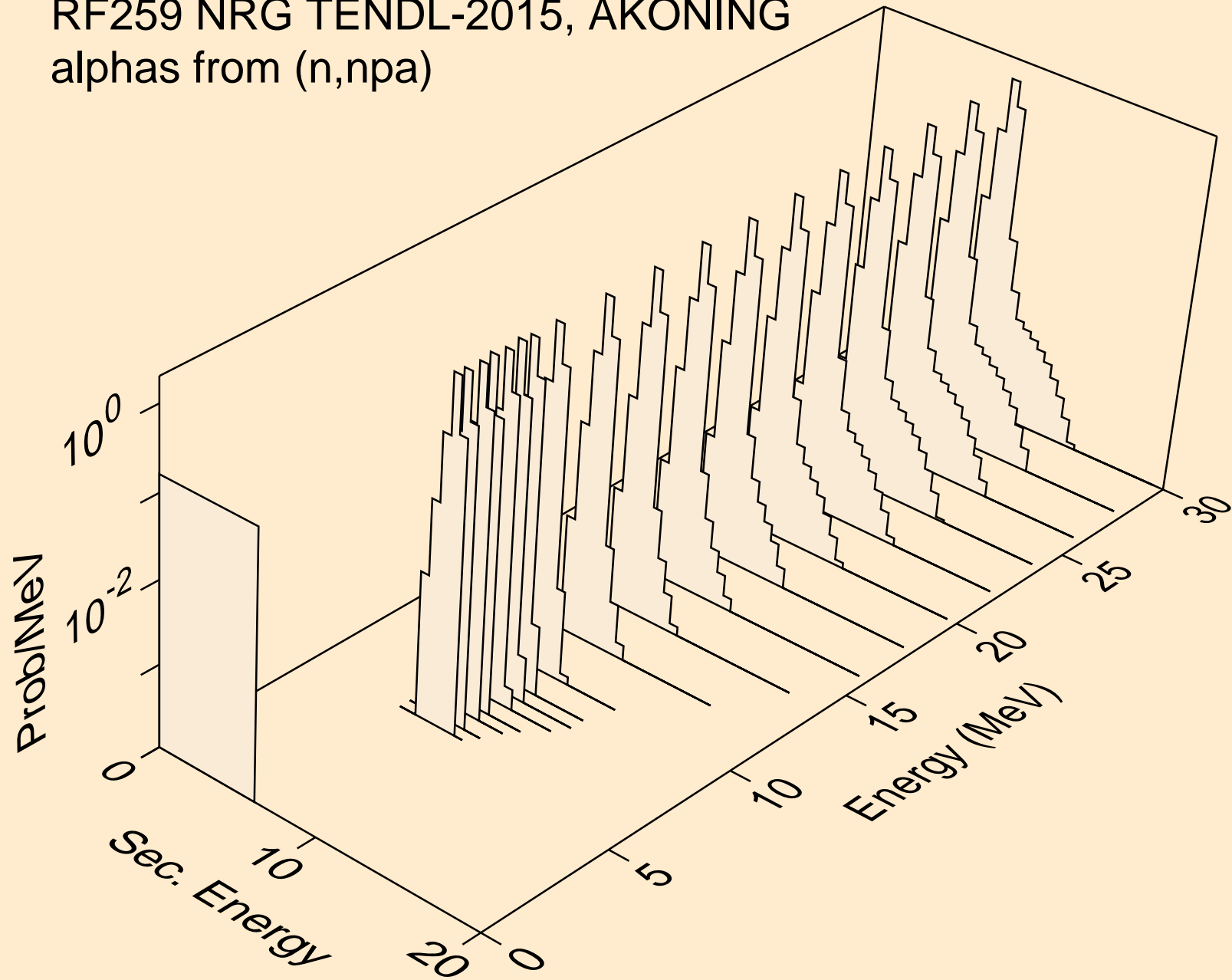
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alphas from (n,n\*)d2a



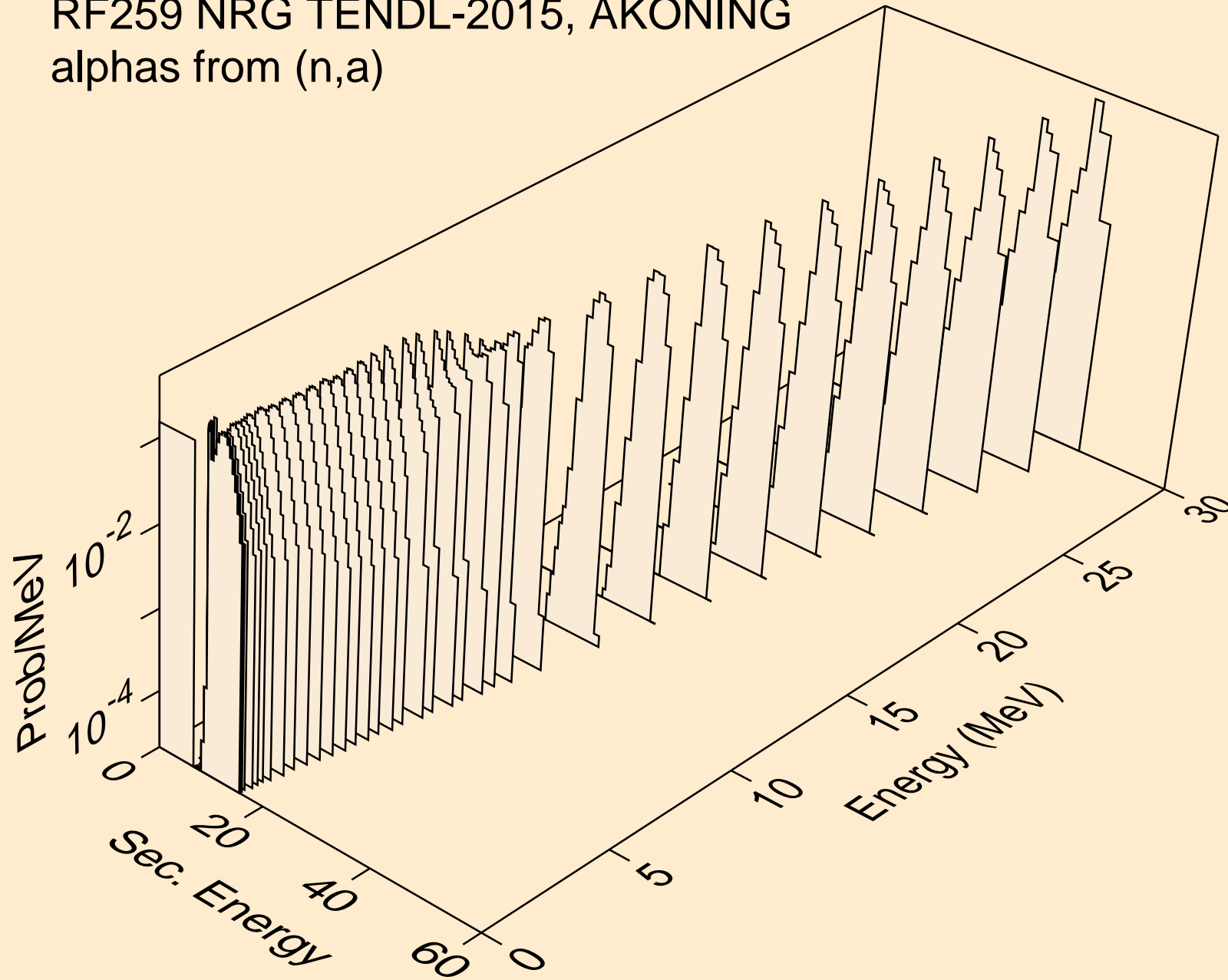
RF259 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



RF259 NRG TENDL-2015, AKONING  
alphas from (n,npa)

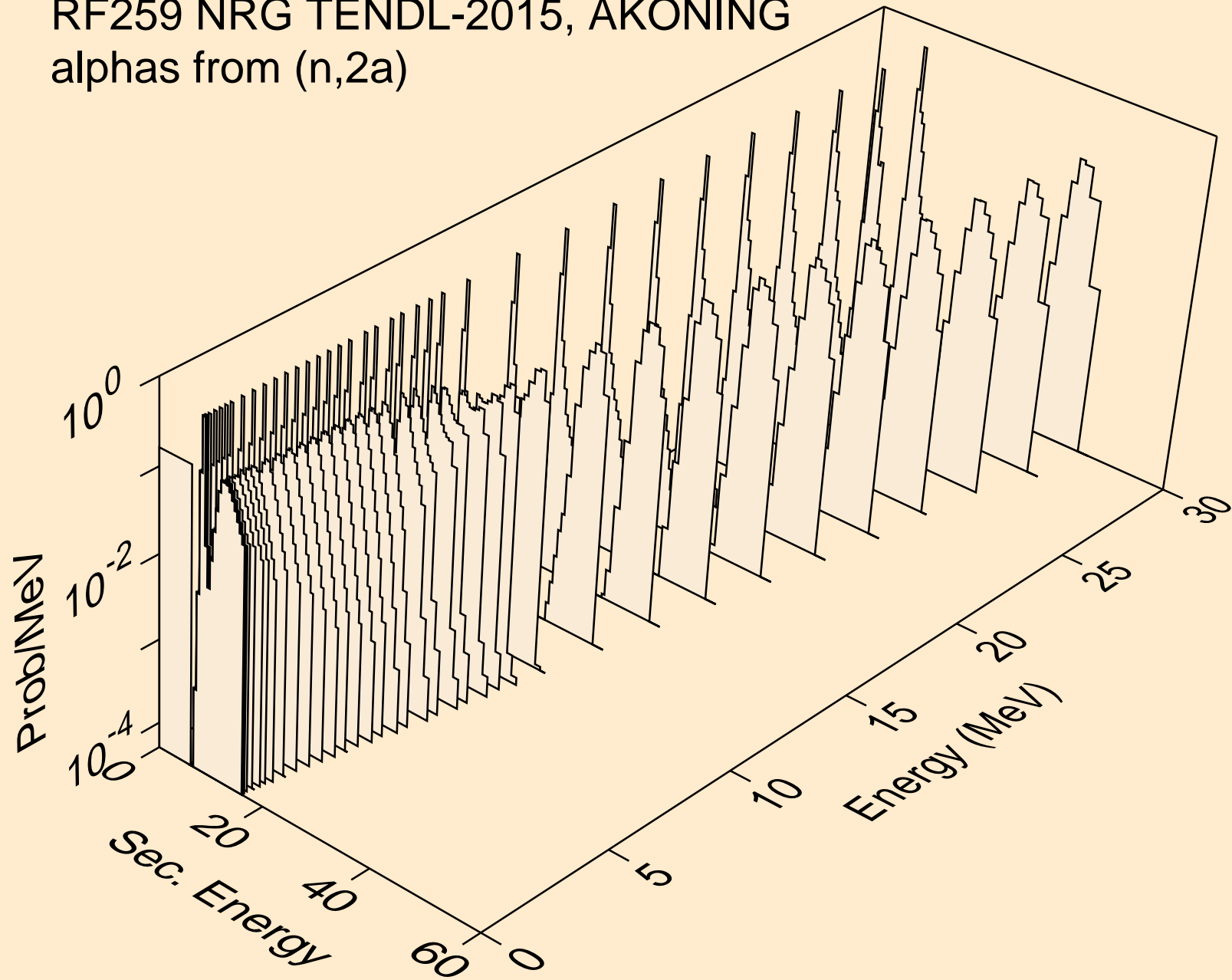


RF259 NRG TENDL-2015, AKONING  
alphas from (n,a)

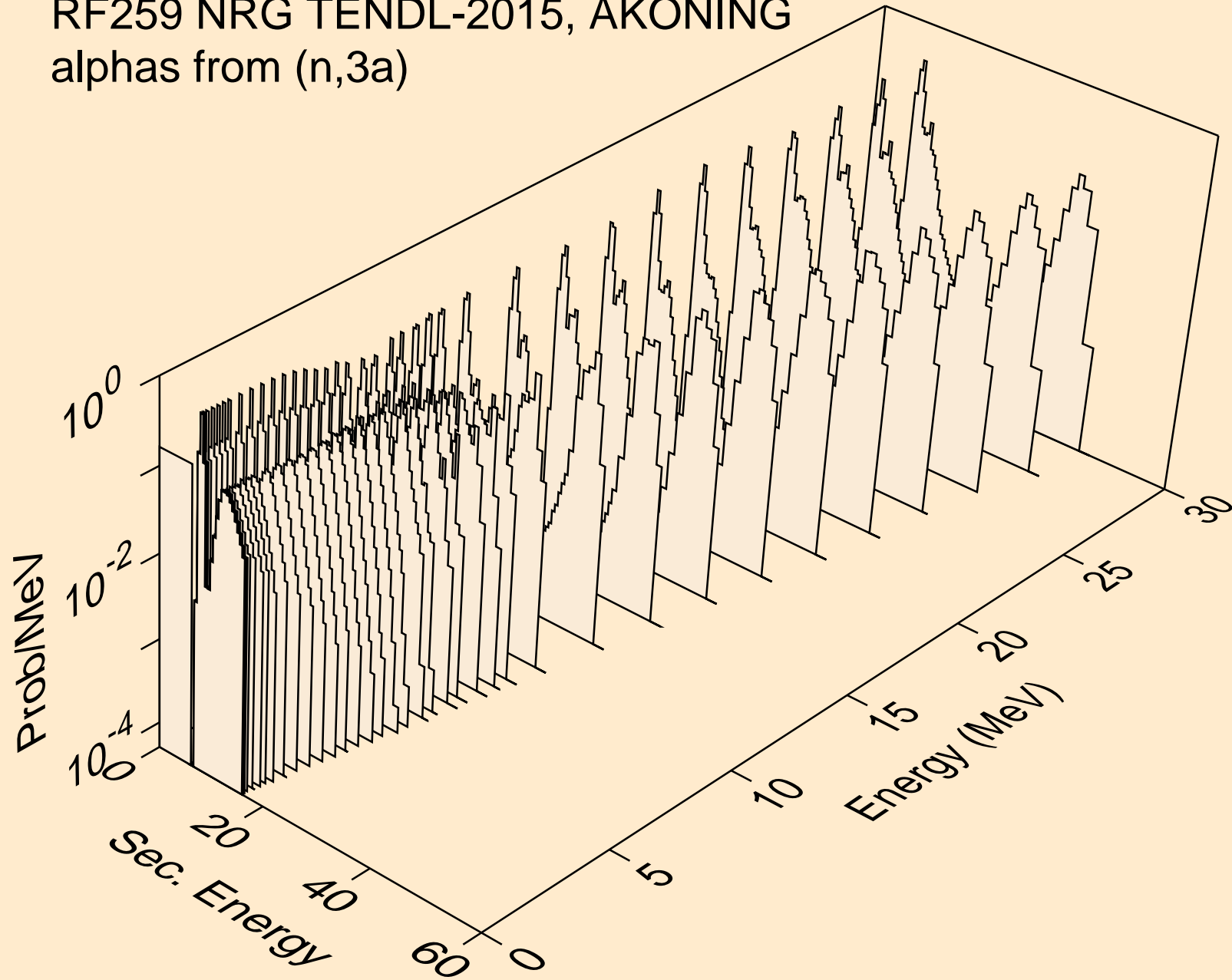




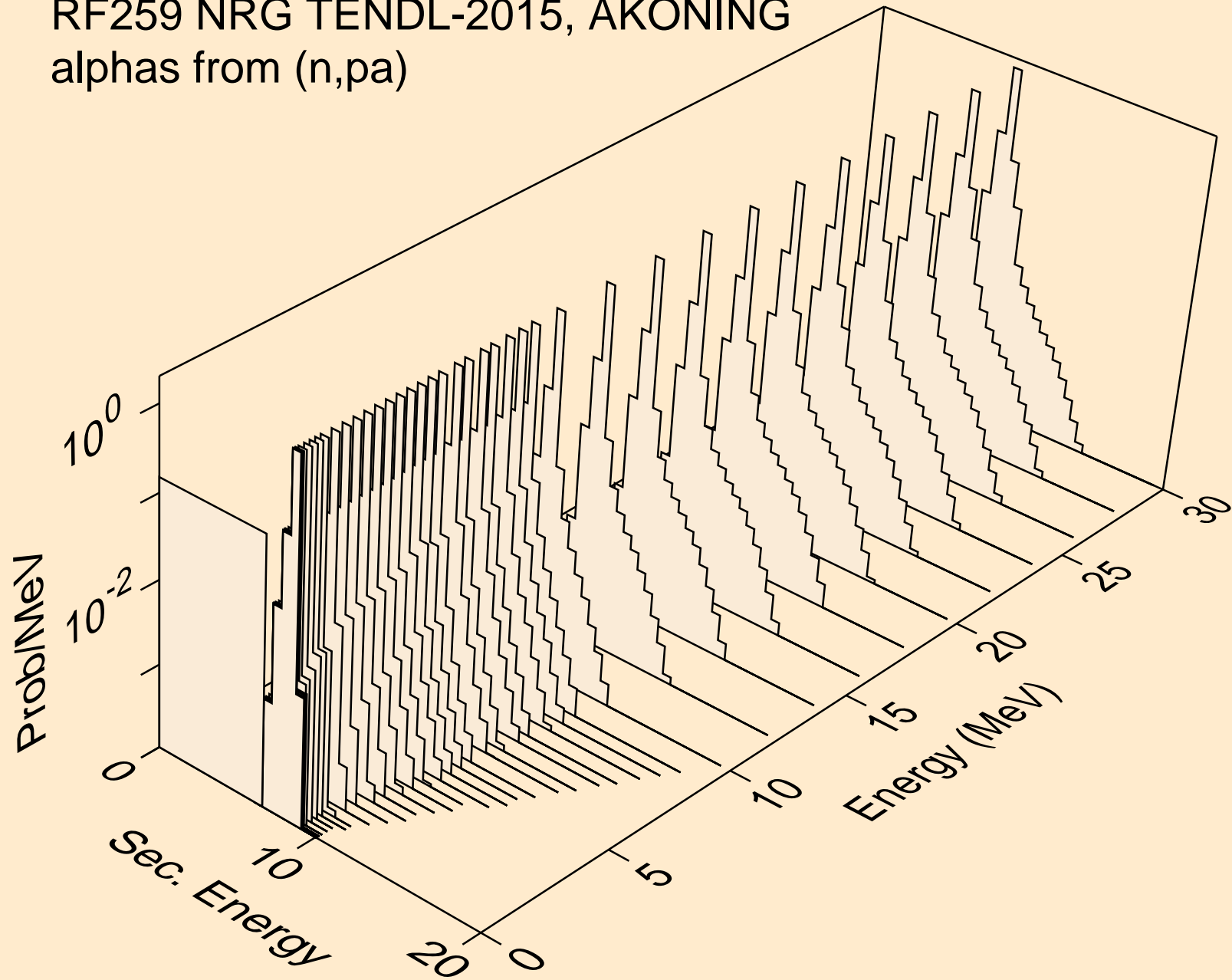
RF259 NRG TENDL-2015, AKONING  
alphas from (n,2a)



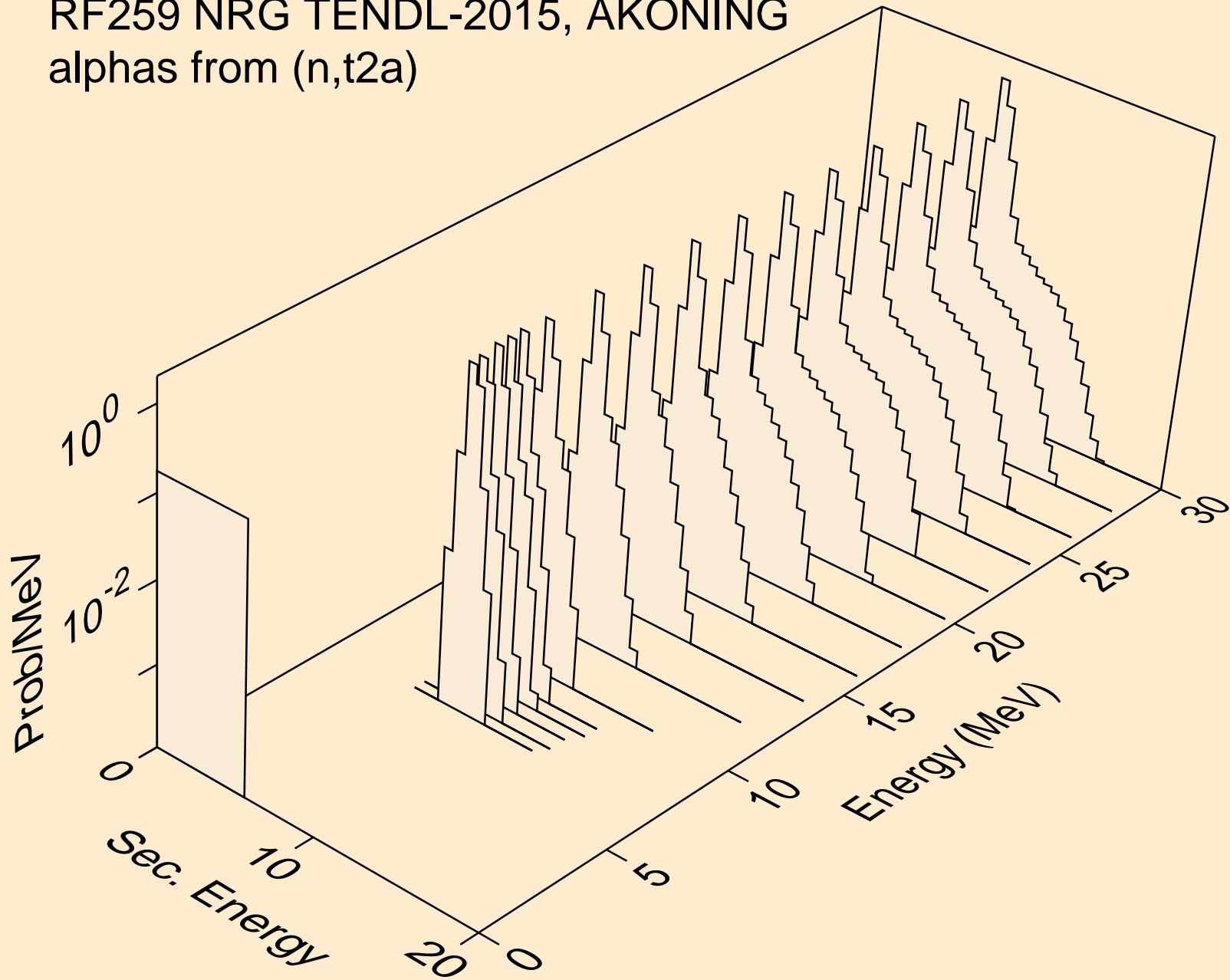
RF259 NRG TENDL-2015, AKONING  
alphas from (n,3a)



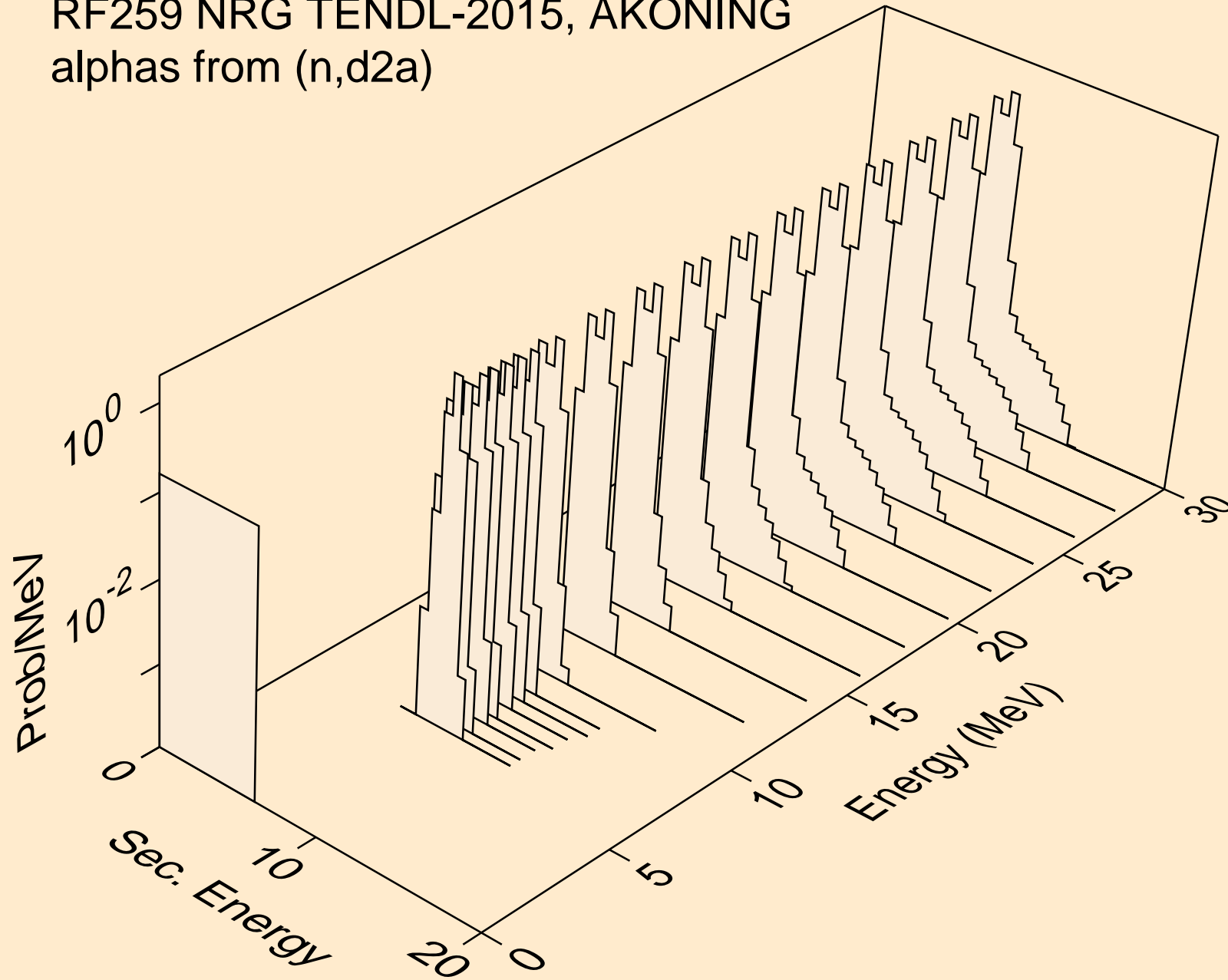
RF259 NRG TENDL-2015, AKONING  
alphas from (n,pa)



RF259 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



RF259 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



RF259 NRG TENDL-2015, AKONING  
alphas from (n,da)

