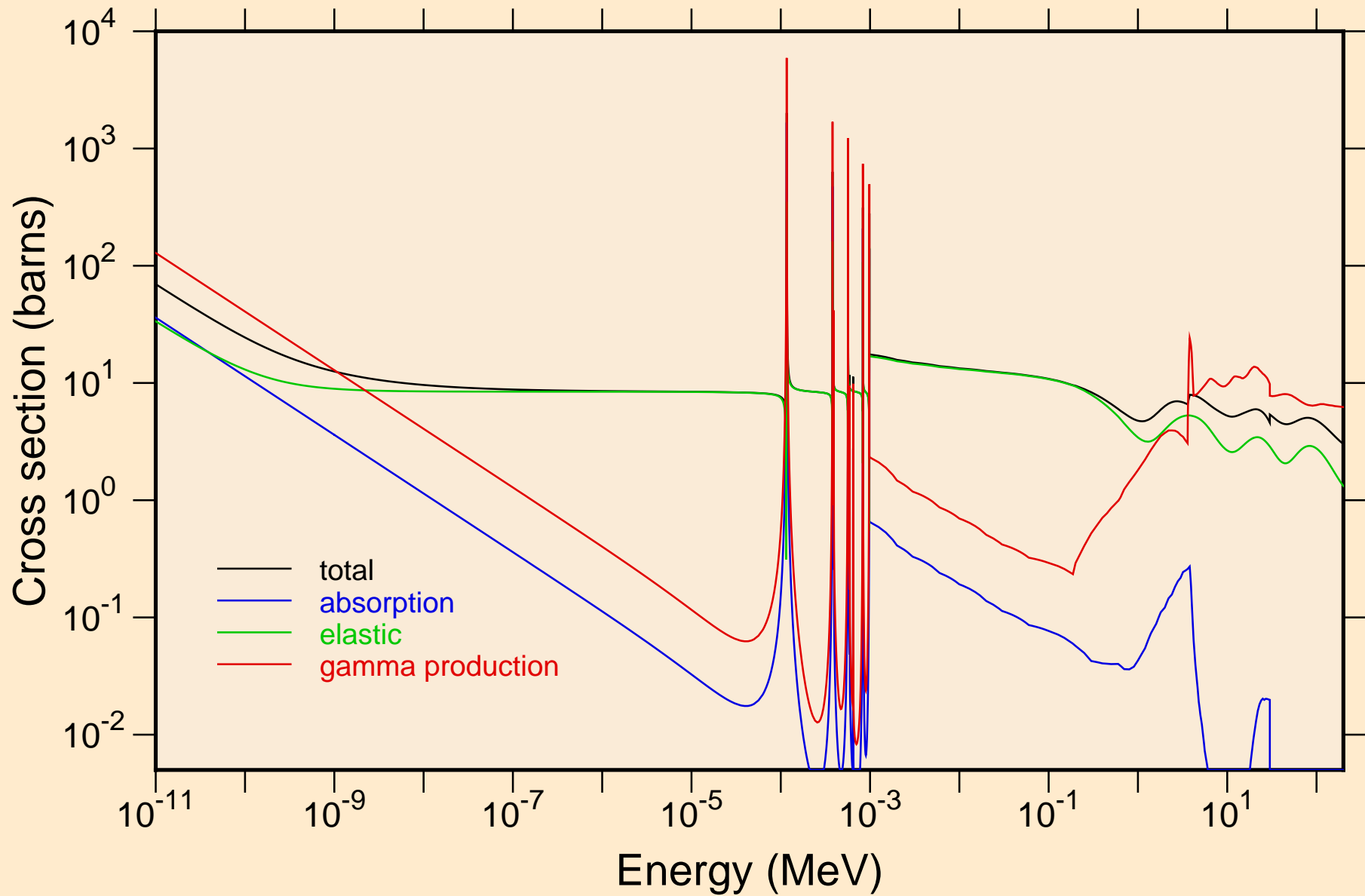


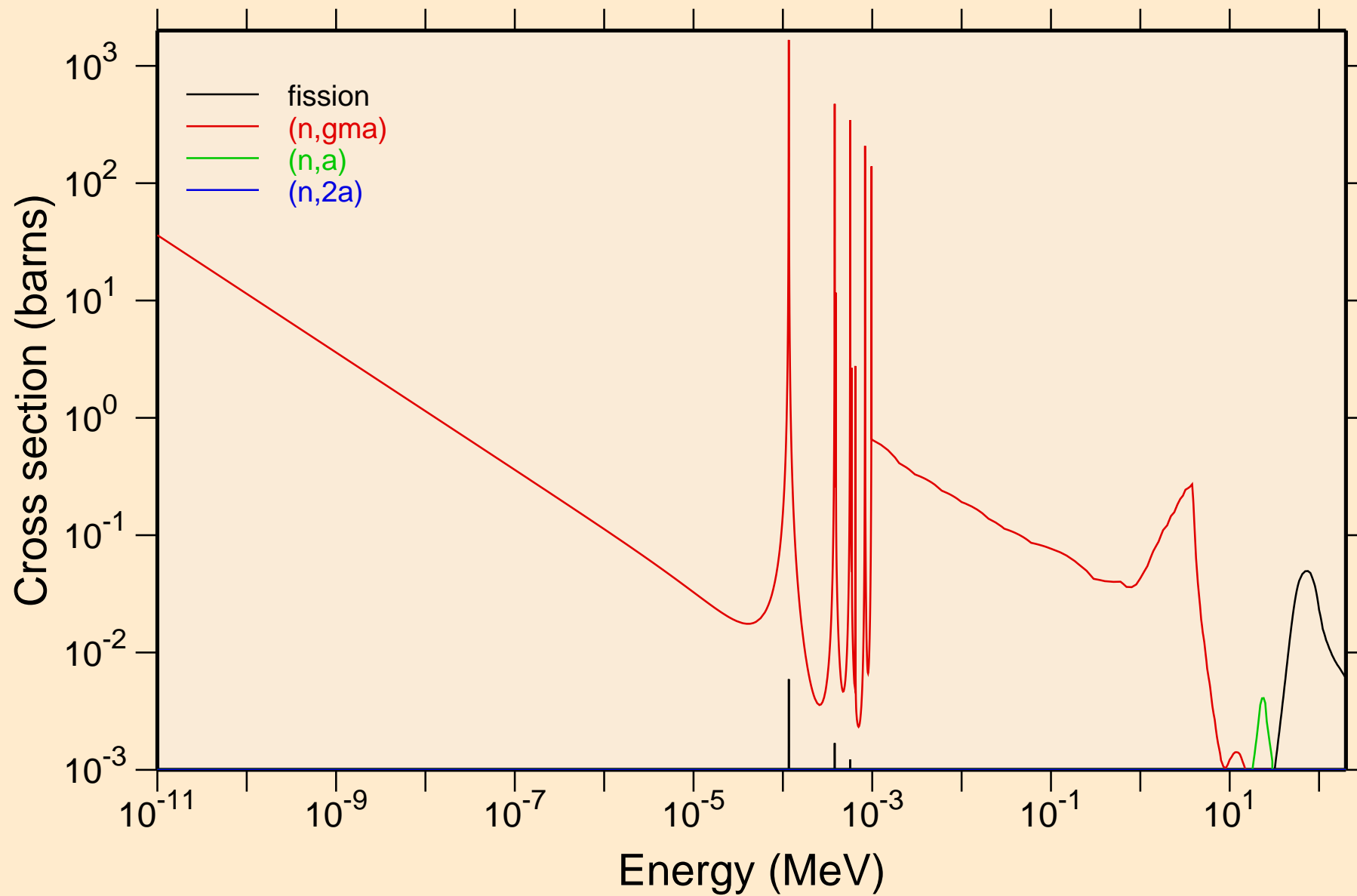
# RN222 NRG TENDL-2015, AKONING

## Principal cross sections



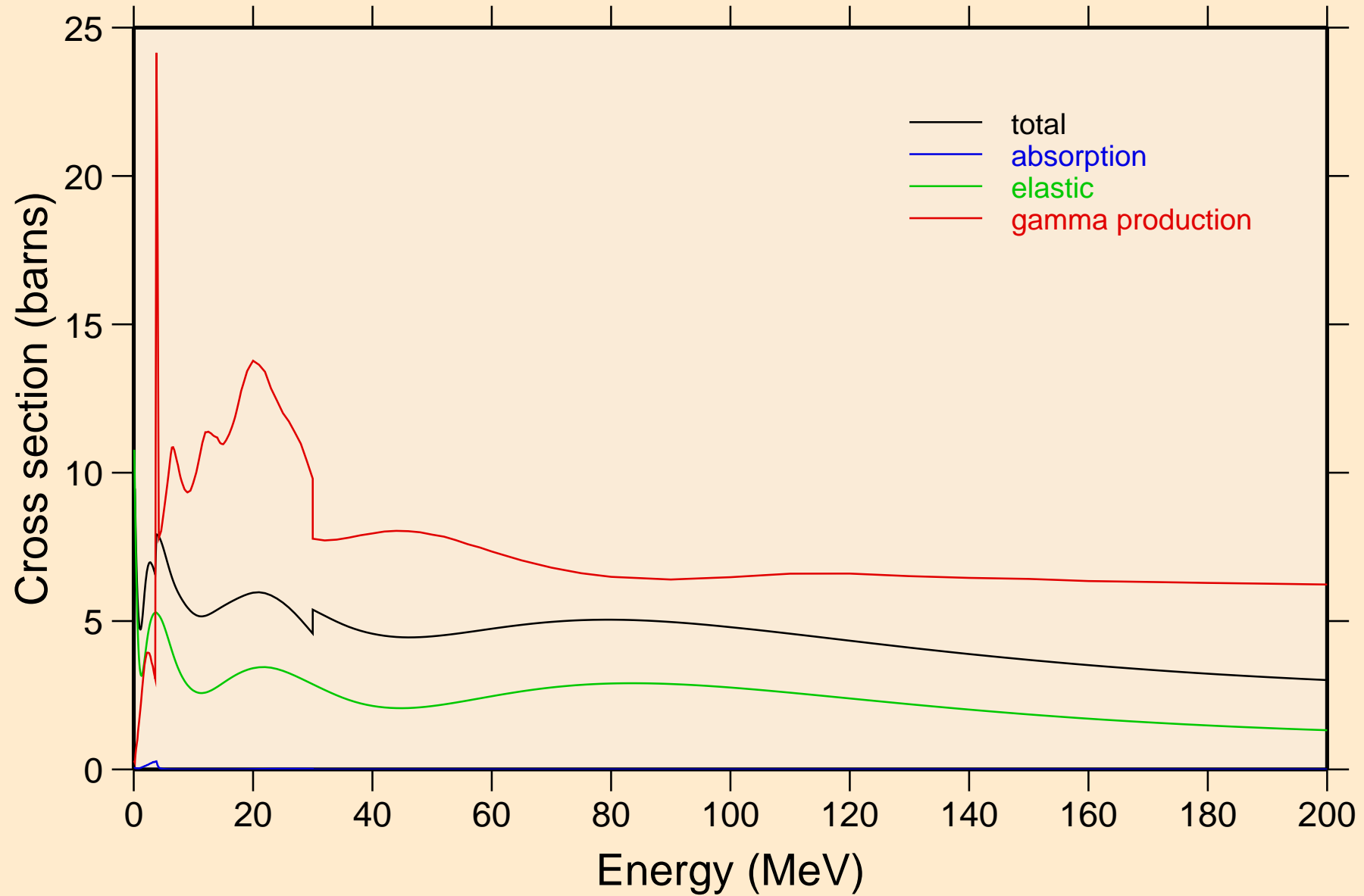
# RN222 NRG TENDL-2015, AKONING

## Non-threshold reactions



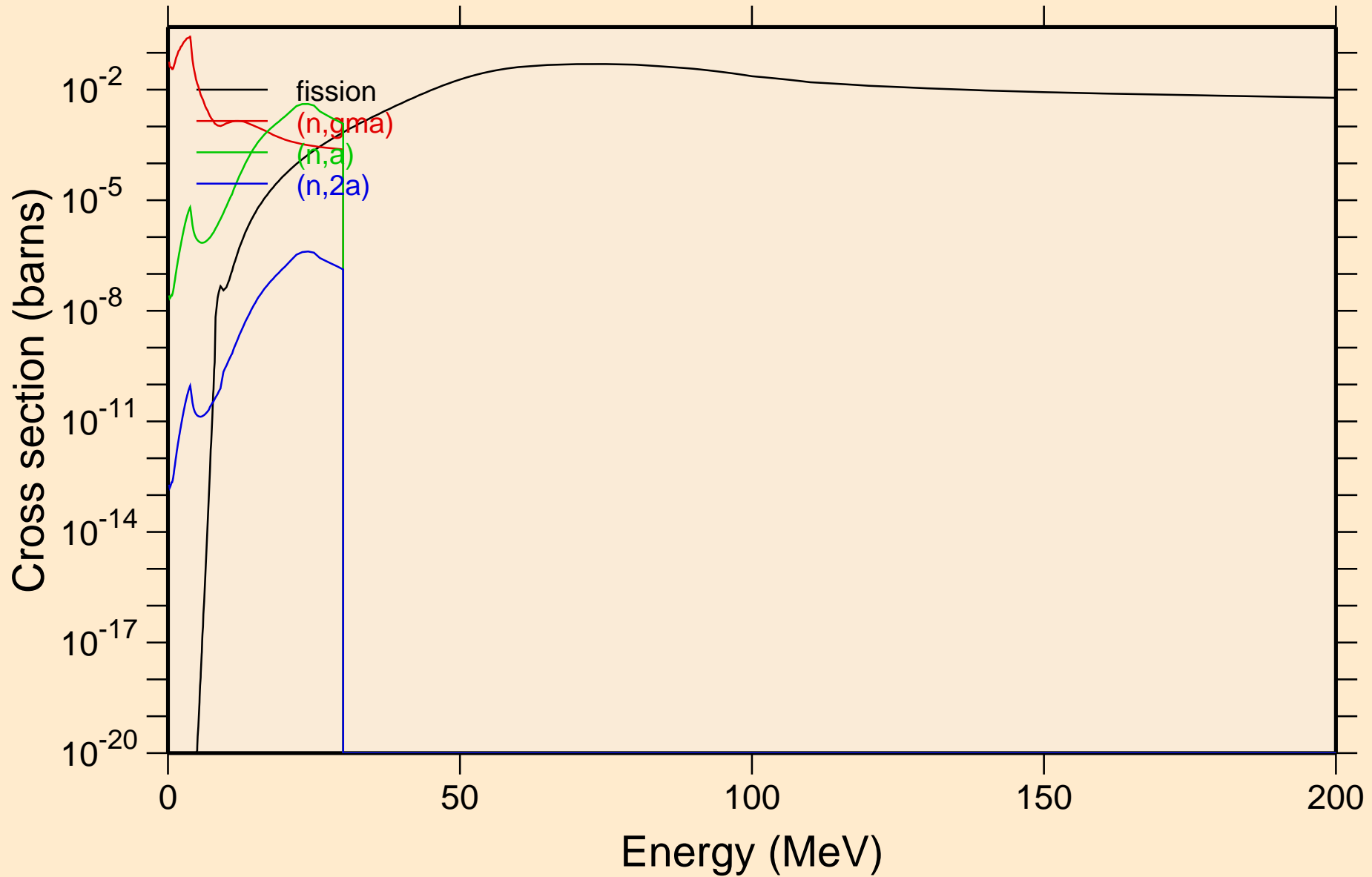
# RN222 NRG TENDL-2015, AKONING

## Principal cross sections



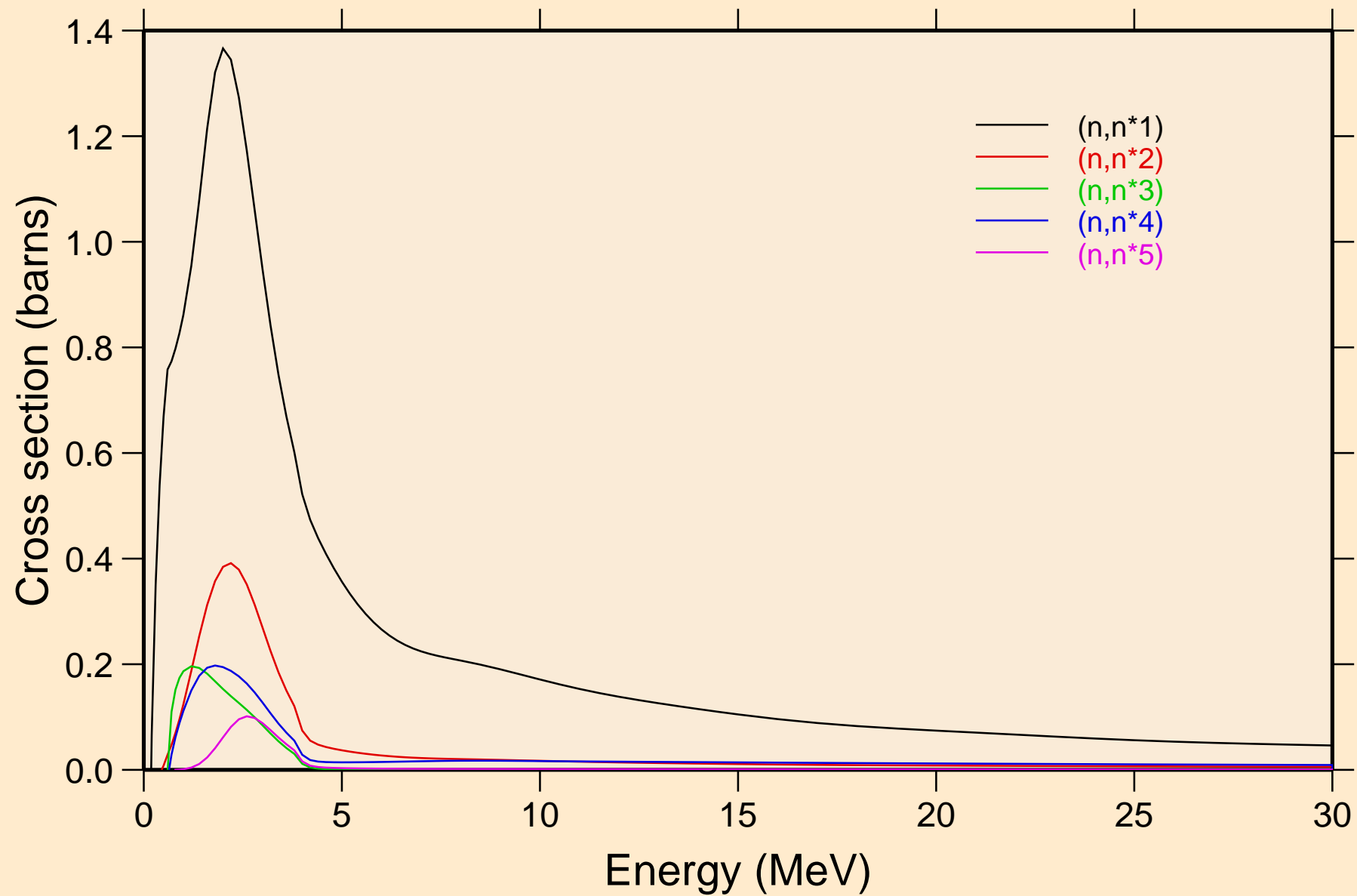
# RN222 NRG TENDL-2015, AKONING

## Non-threshold reactions



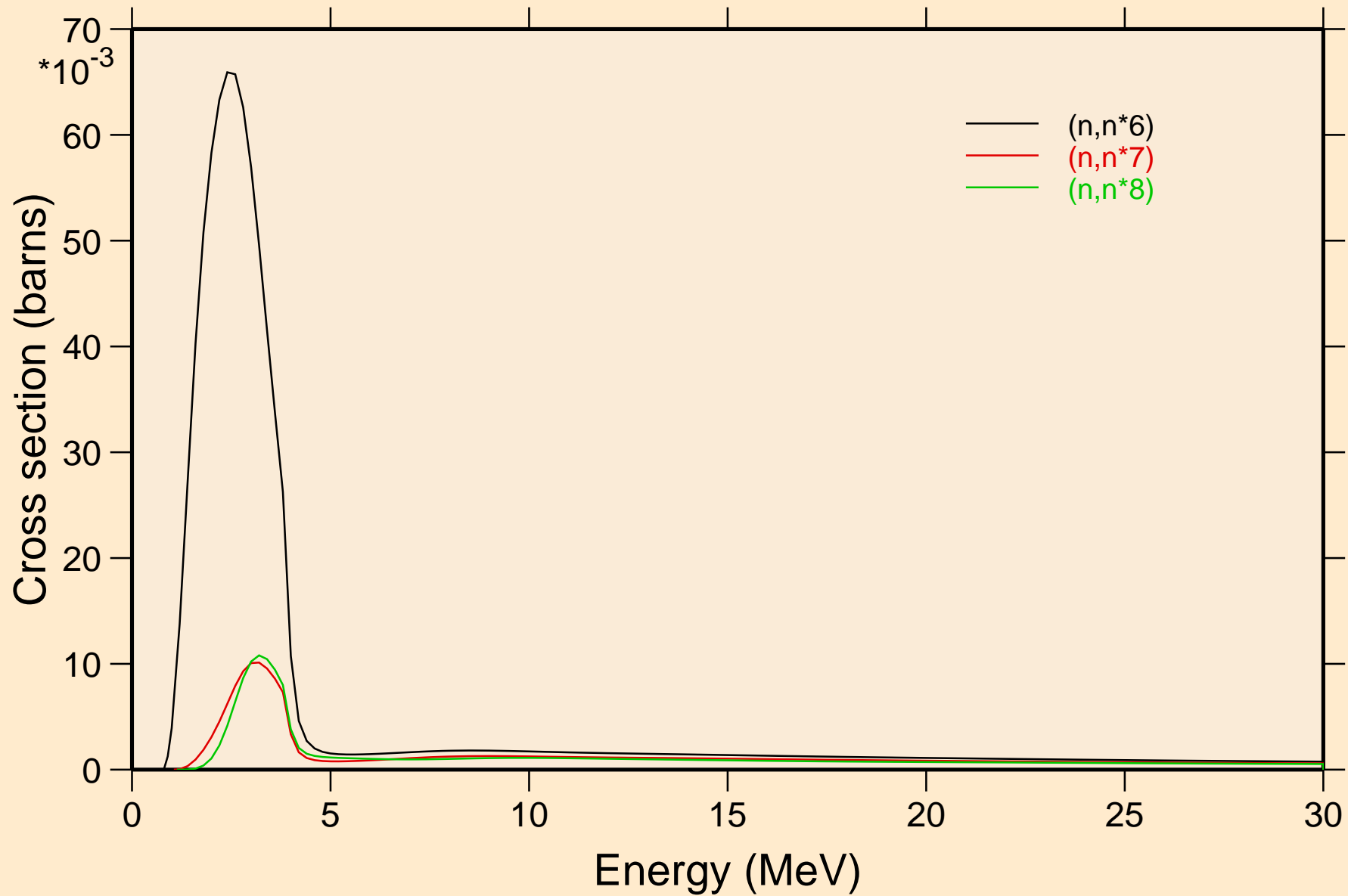
# RN222 NRG TENDL-2015, AKONING

## Inelastic levels



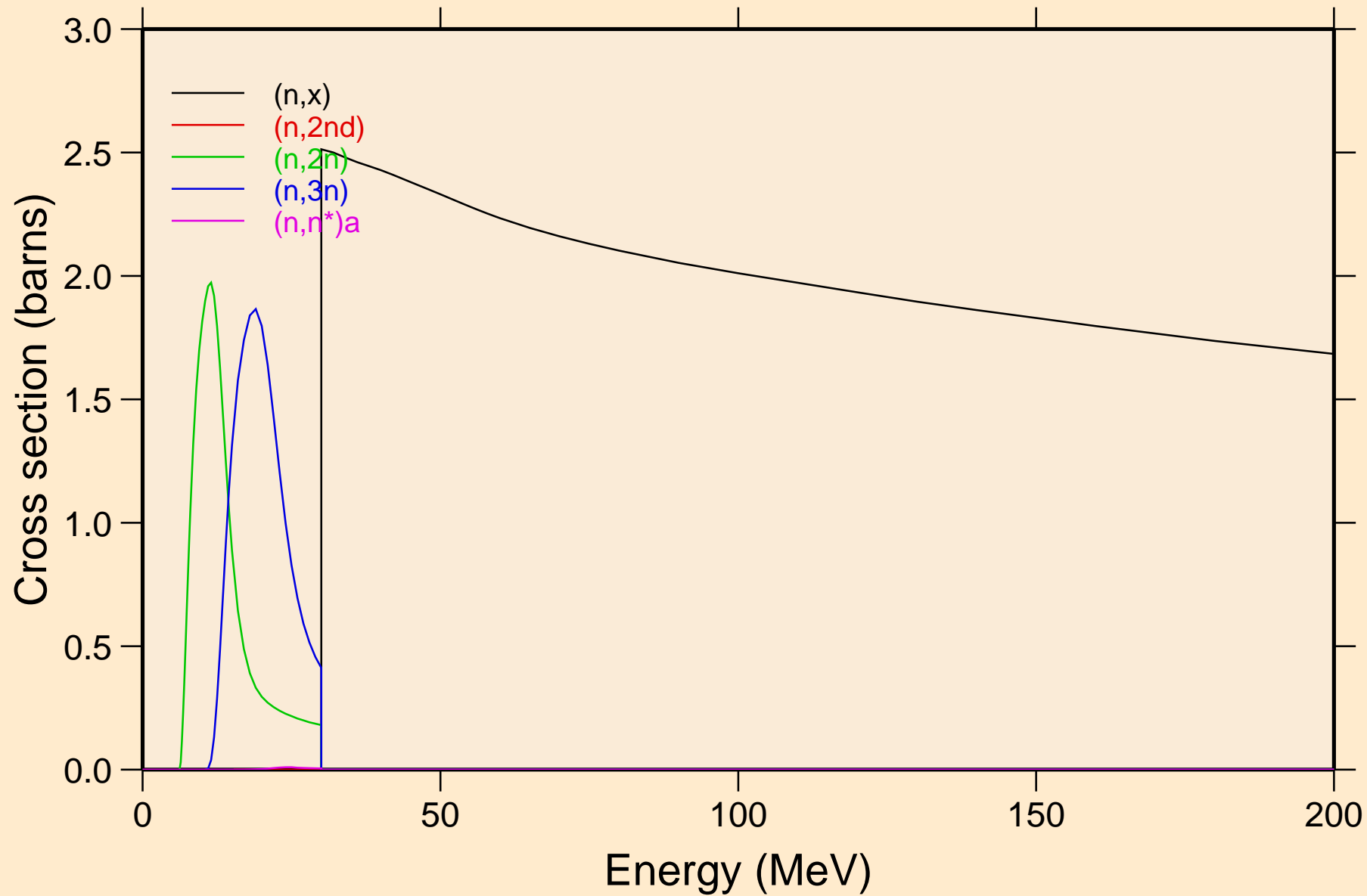
# RN222 NRG TENDL-2015, AKONING

## Inelastic levels



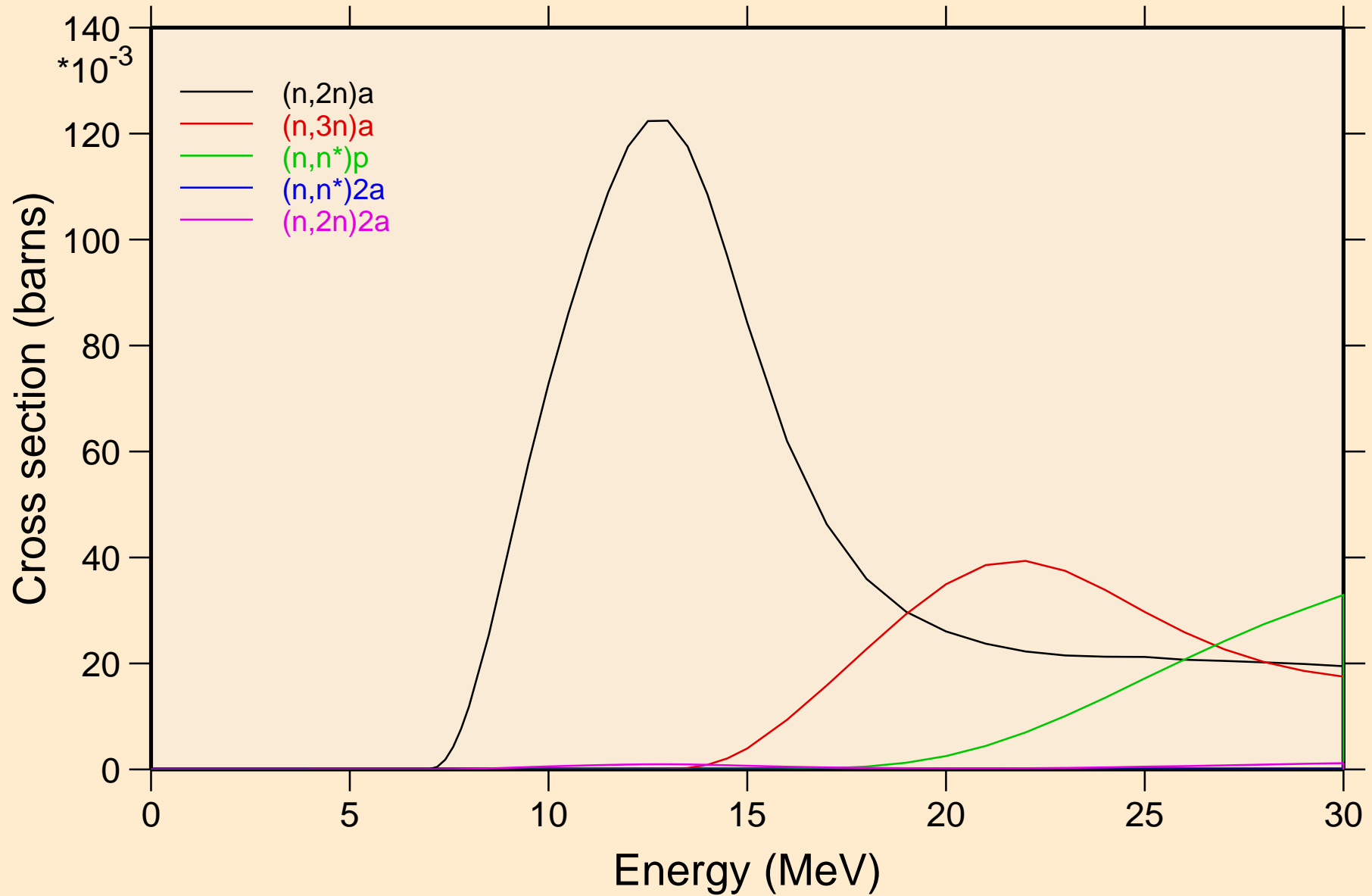
# RN222 NRG TENDL-2015, AKONING

## Threshold reactions



# RN222 NRG TENDL-2015, AKONING

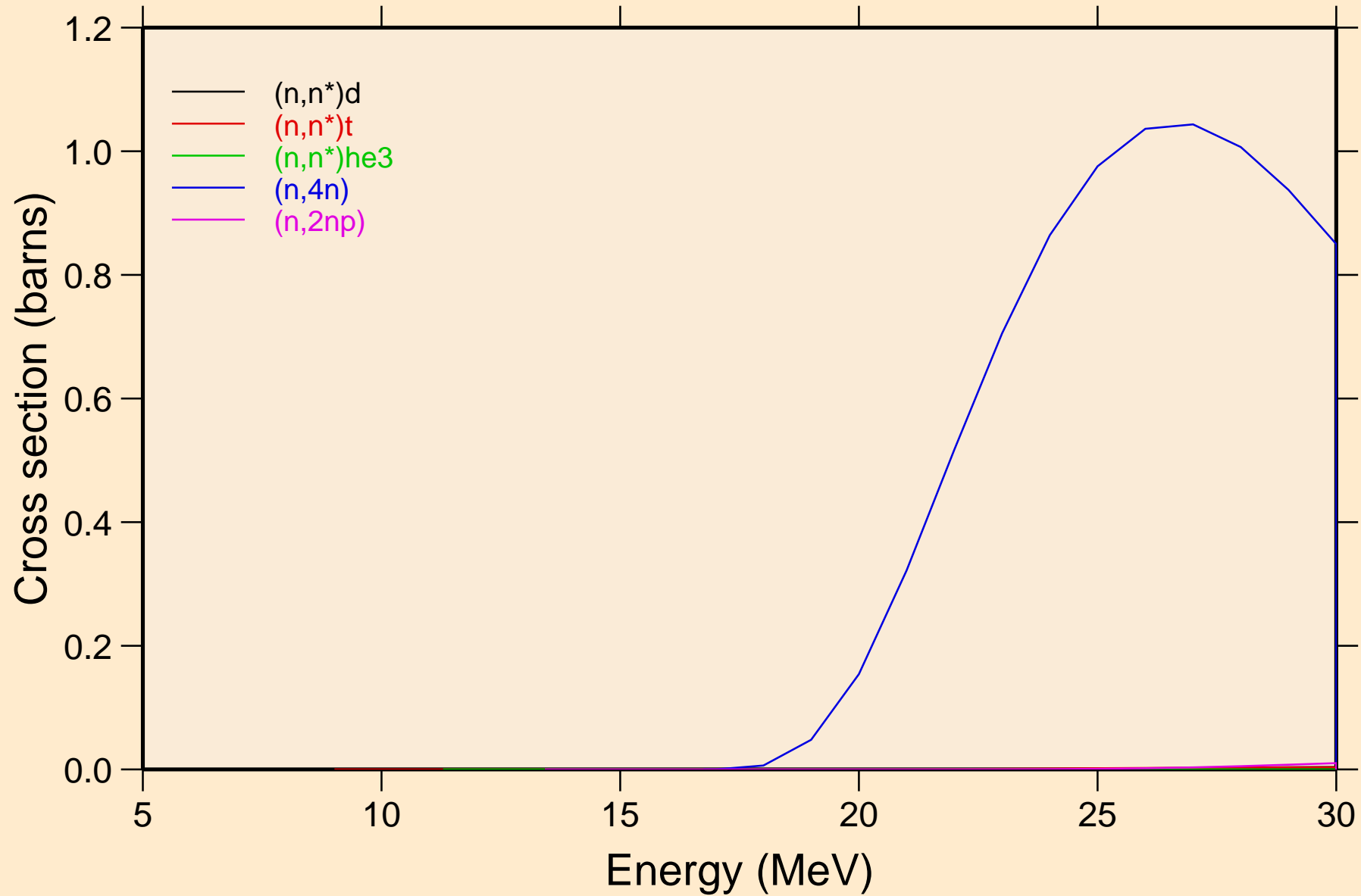
## Threshold reactions





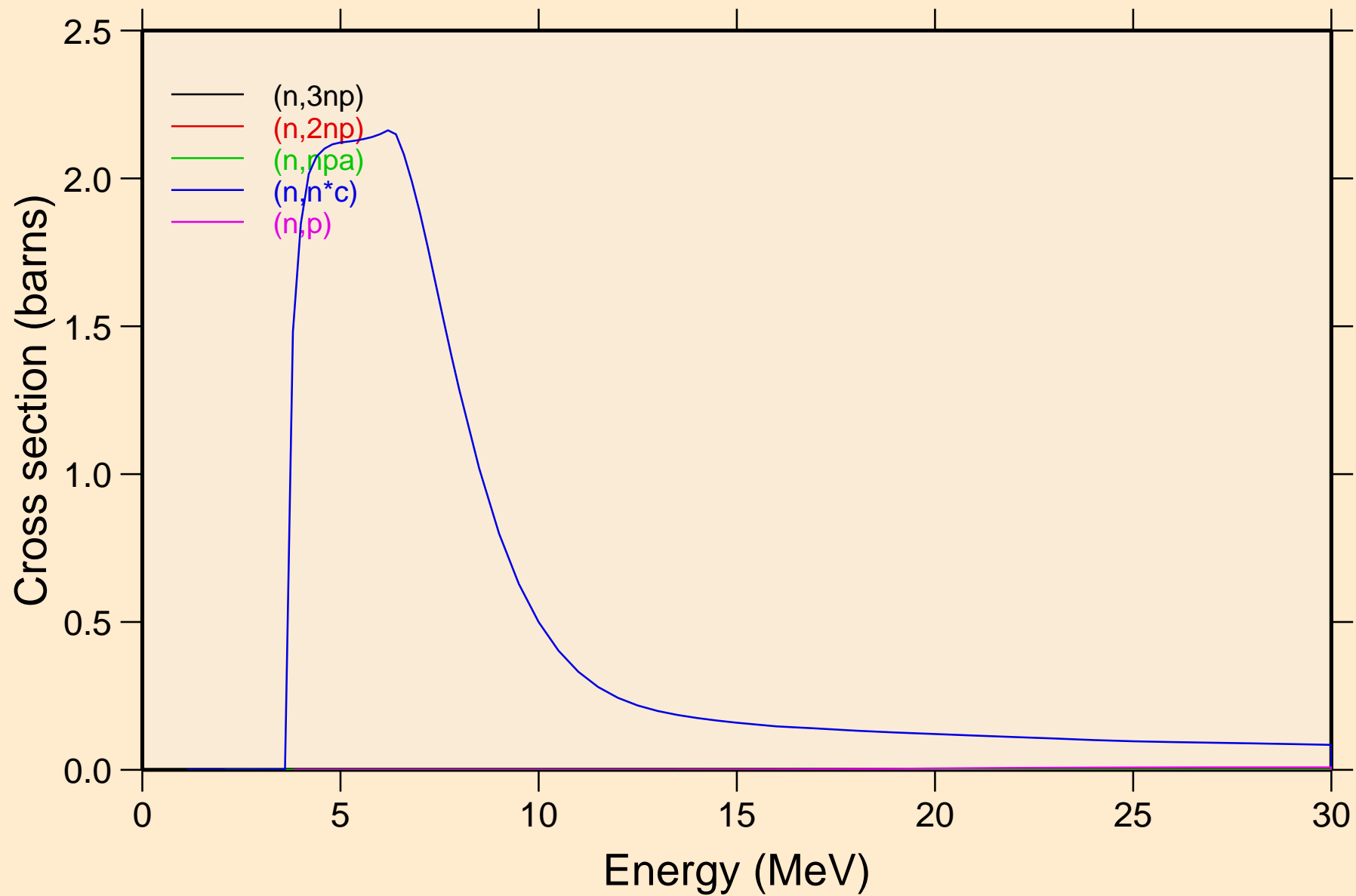
# RN222 NRG TENDL-2015, AKONING

## Threshold reactions



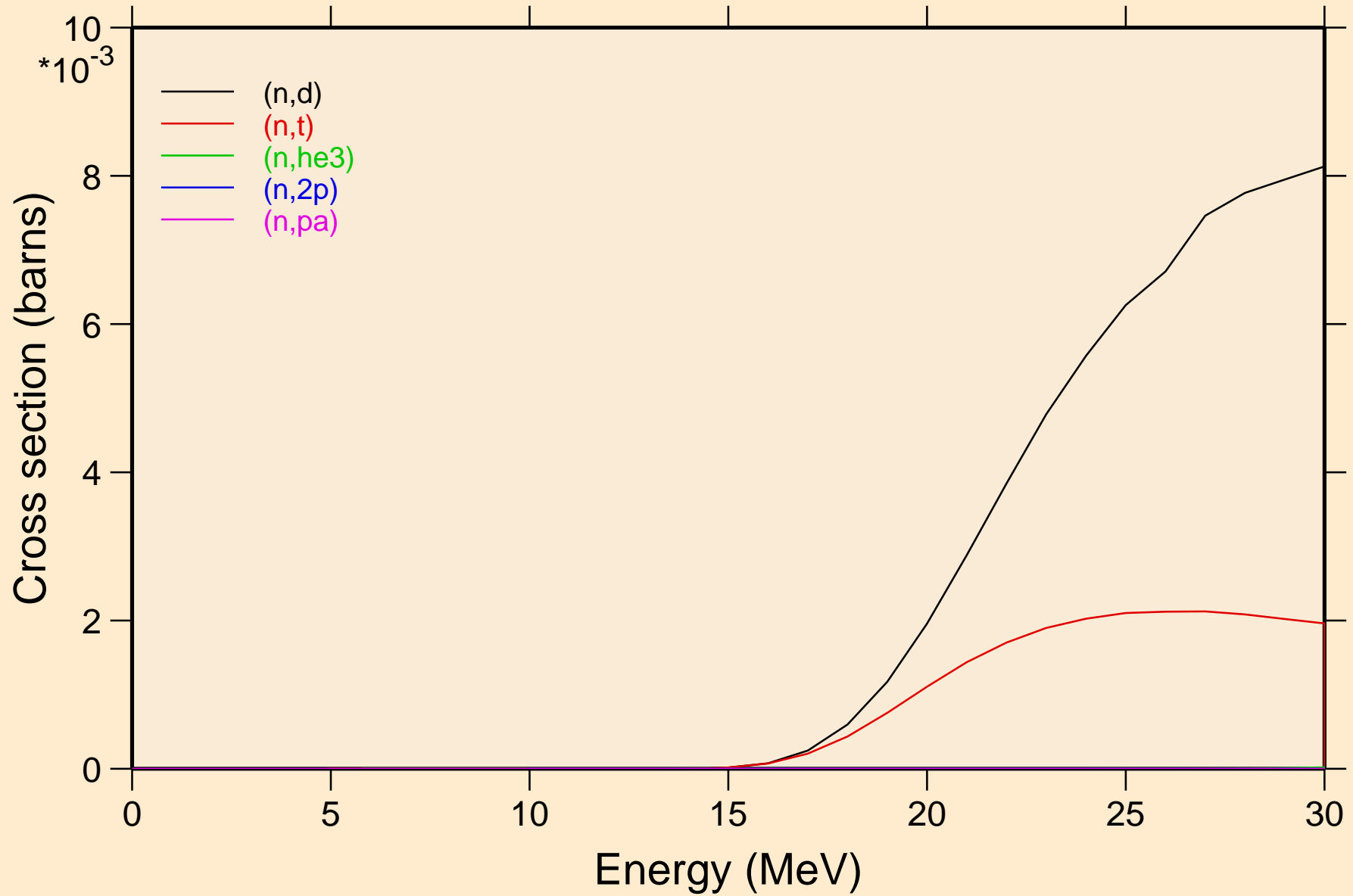
# RN222 NRG TENDL-2015, AKONING

## Threshold reactions



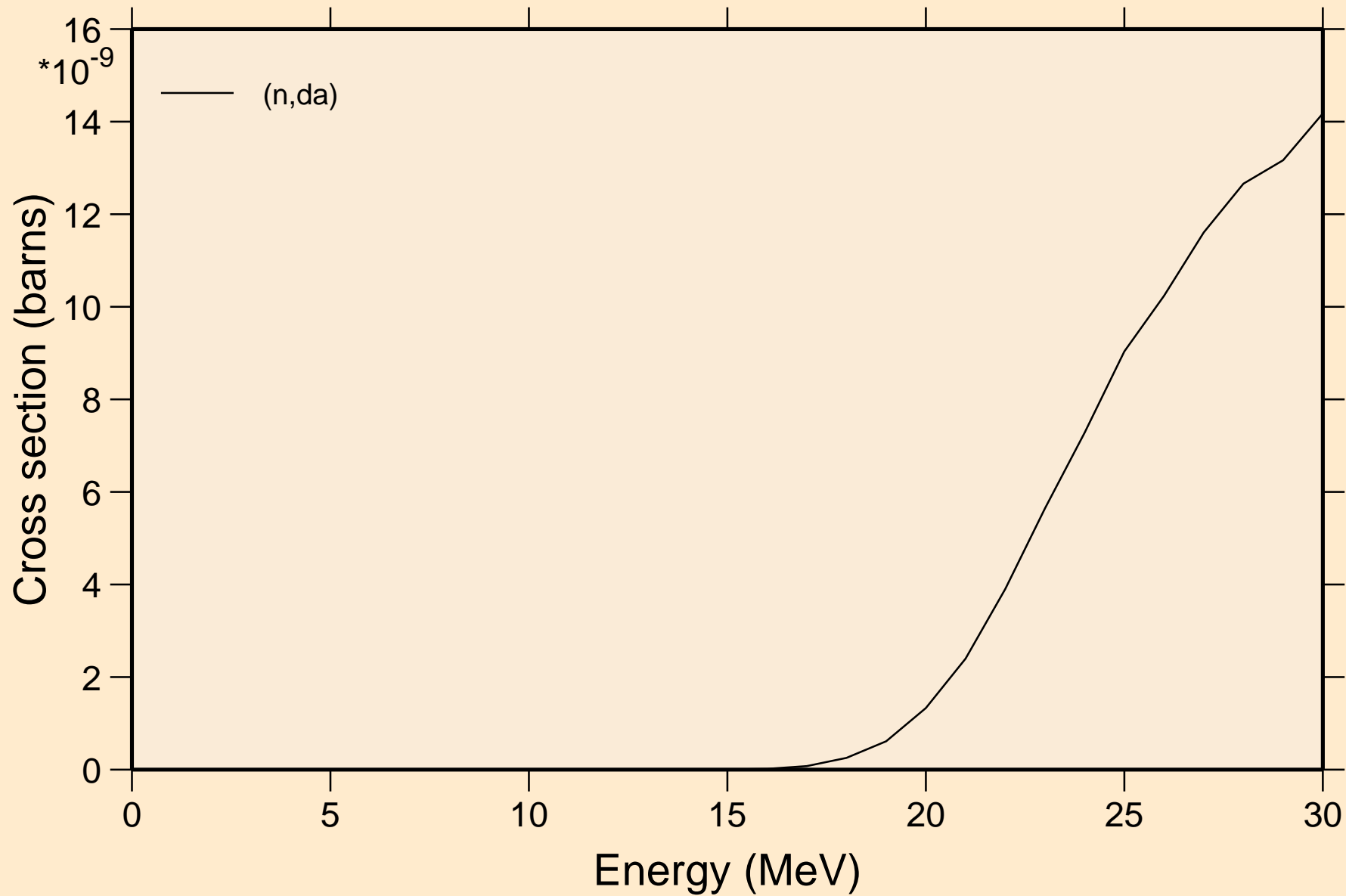
# RN222 NRG TENDL-2015, AKONING

## Threshold reactions

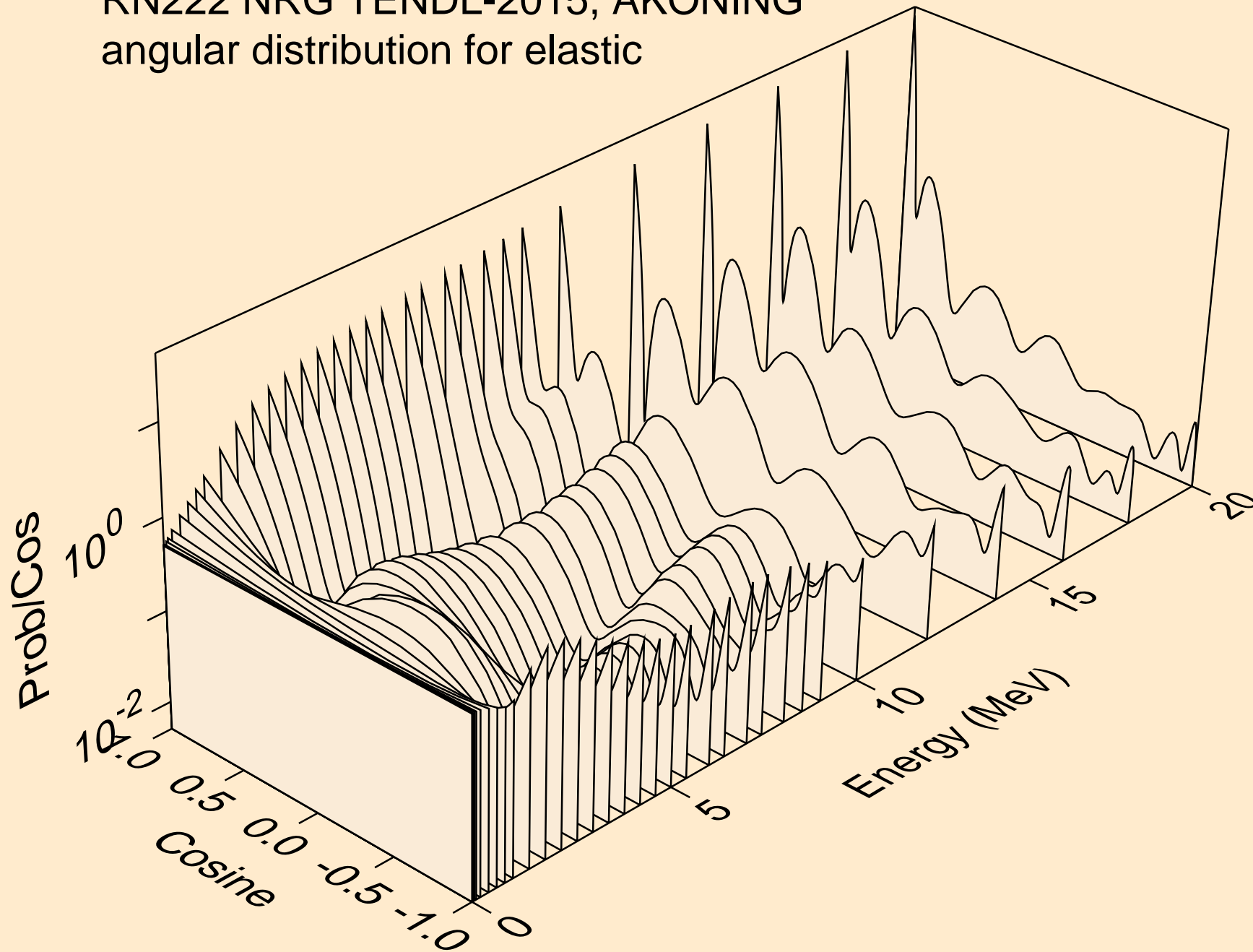


# RN222 NRG TENDL-2015, AKONING

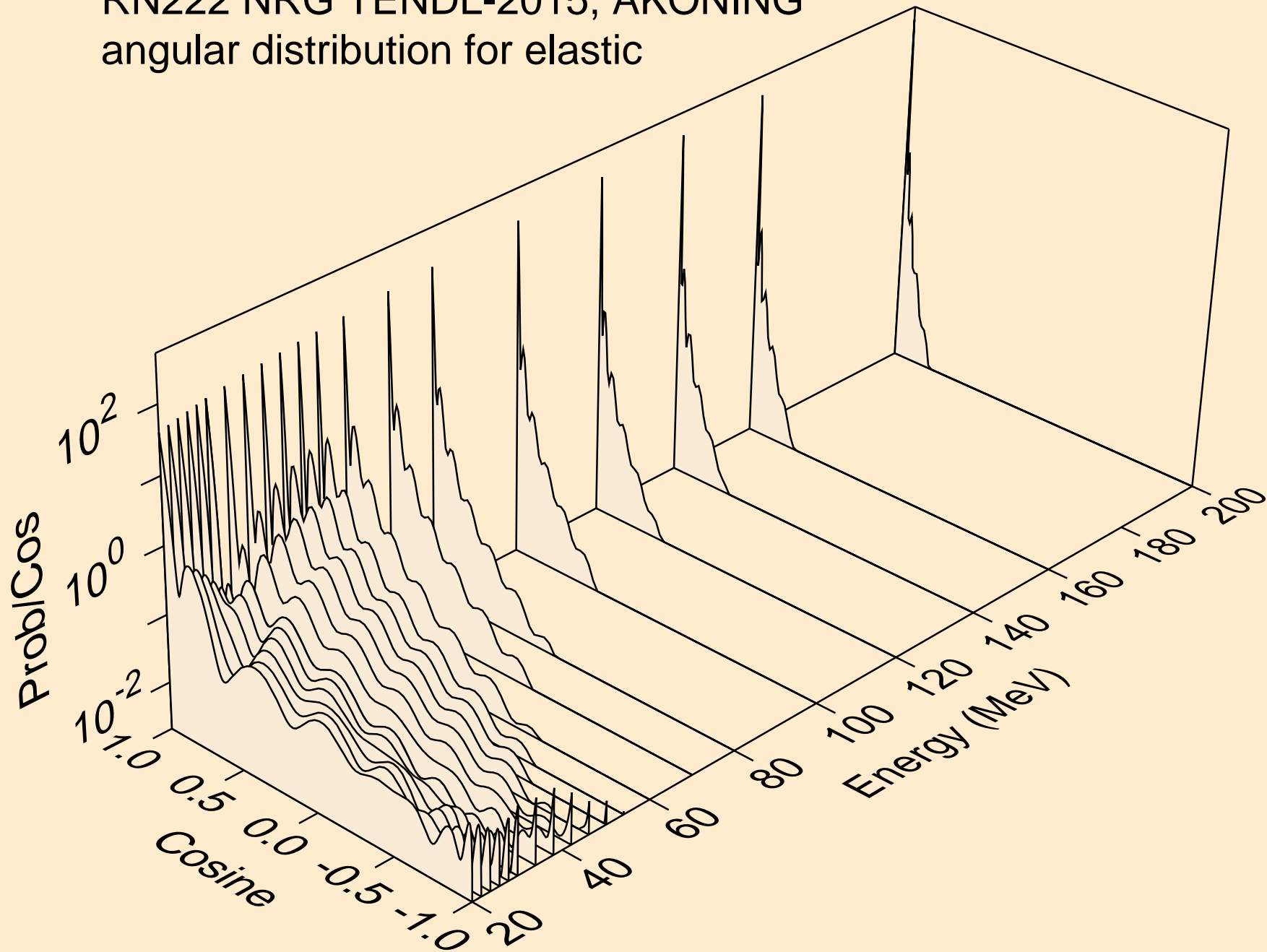
## Threshold reactions



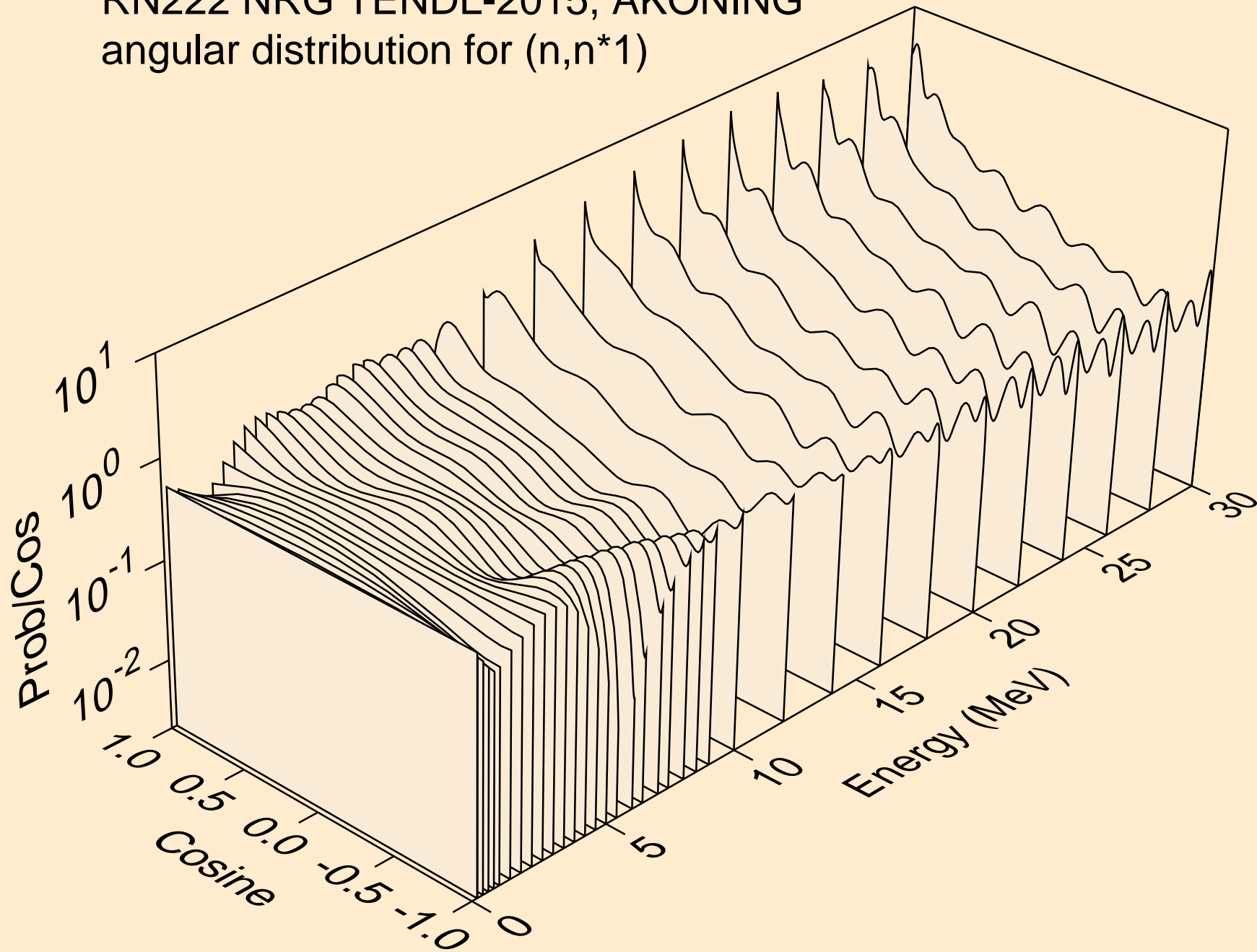
RN222 NRG TENDL-2015, AKONING  
angular distribution for elastic



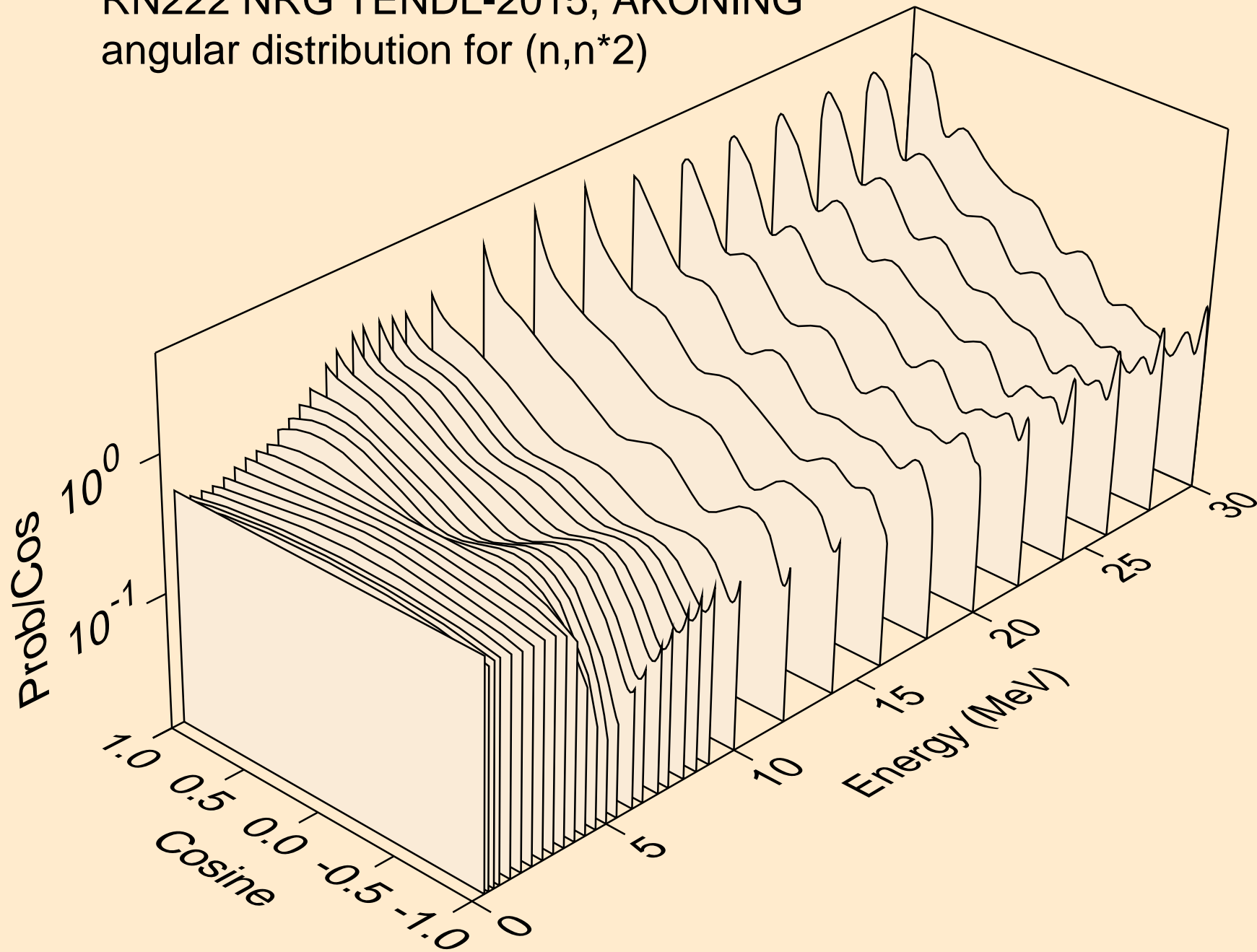
RN222 NRG TENDL-2015, AKONING  
angular distribution for elastic



RN222 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

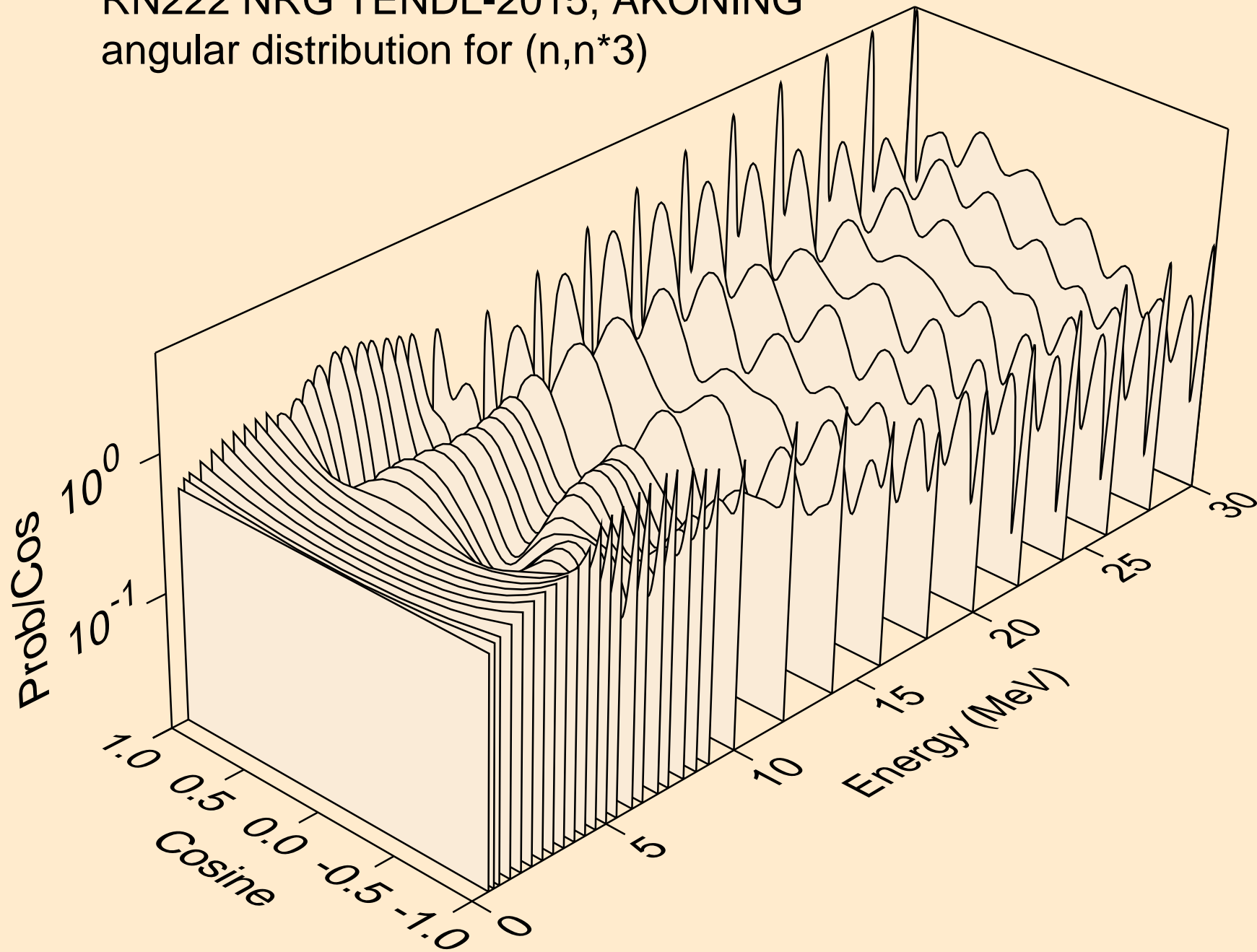


RN222 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

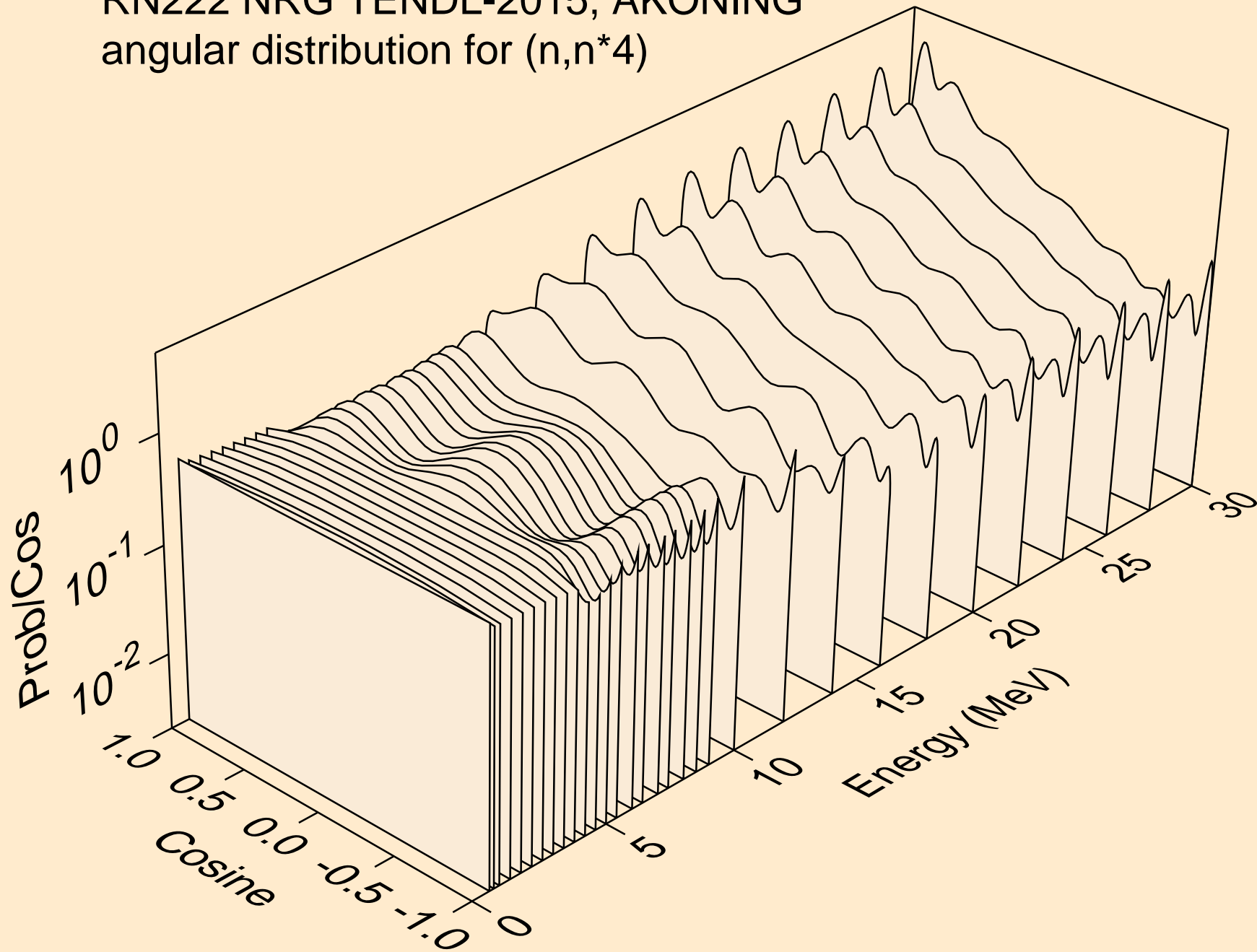




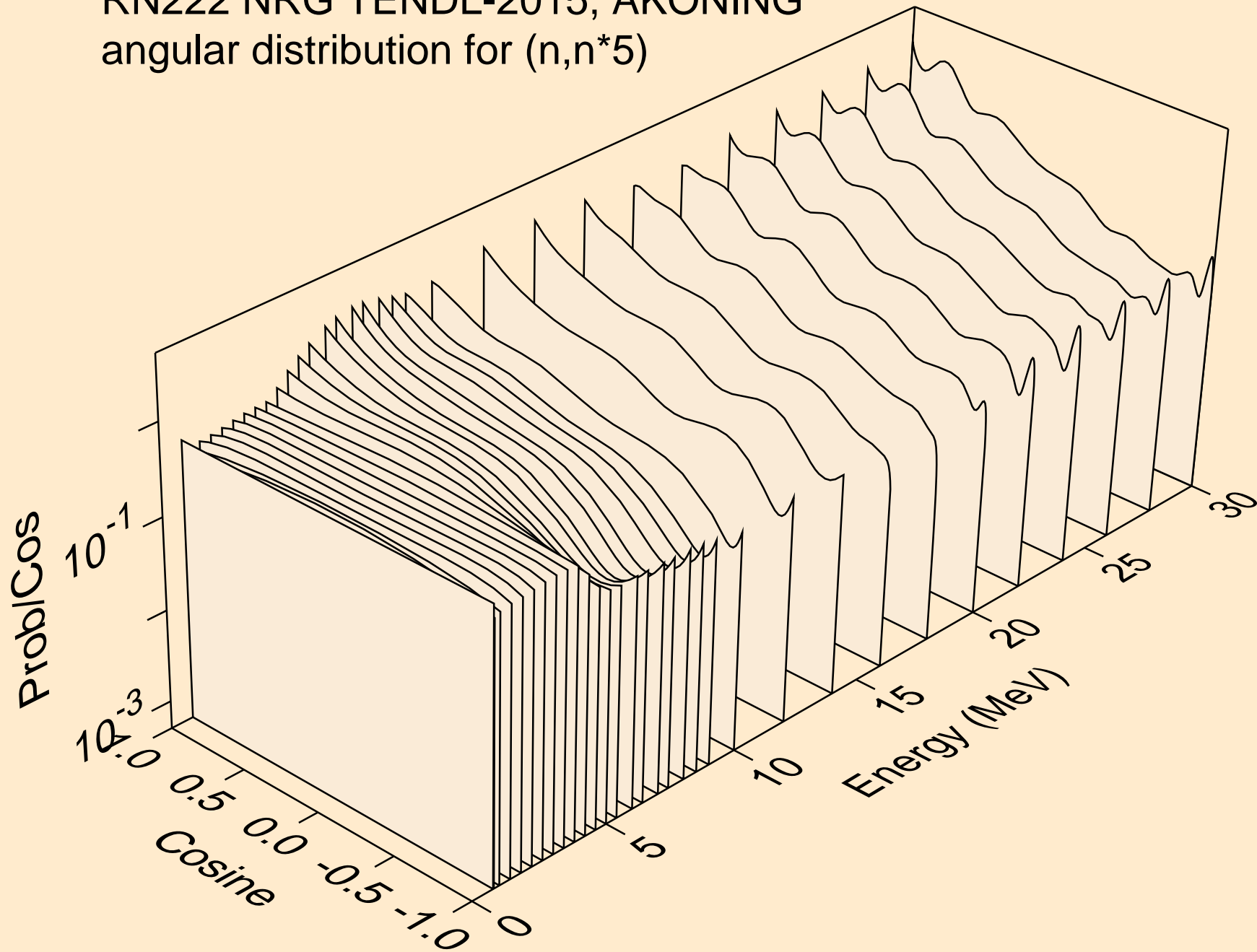
RN222 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



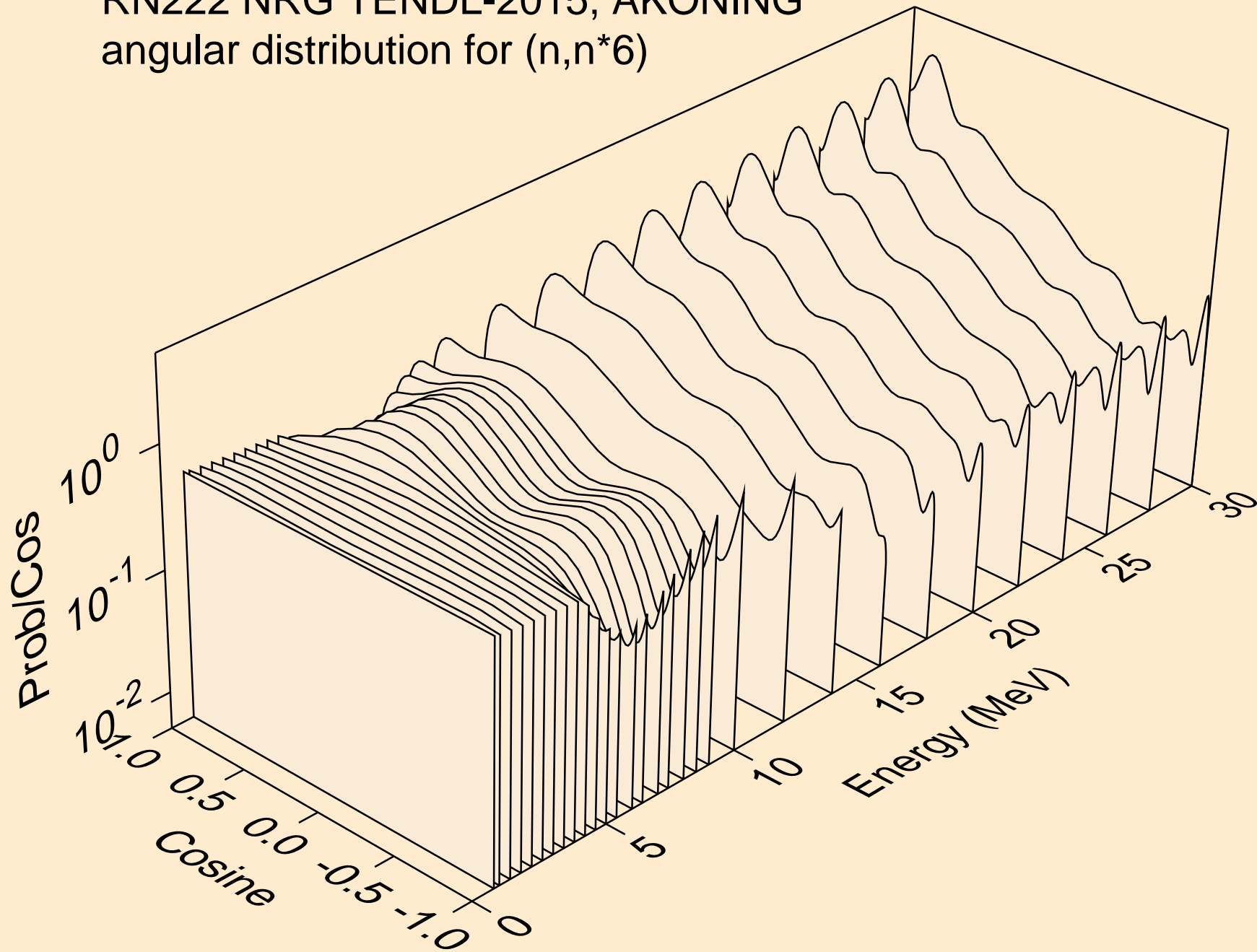
RN222 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



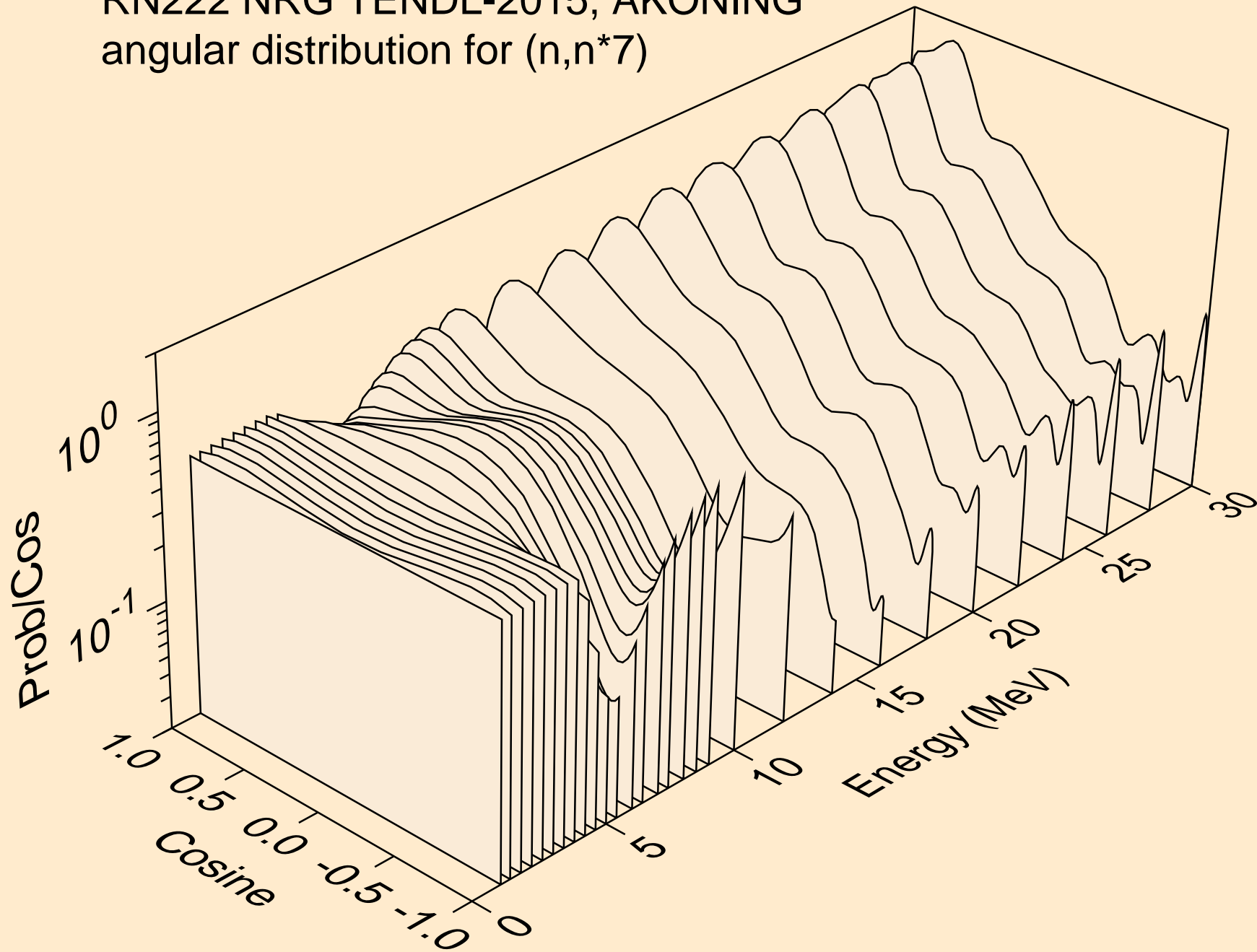
RN222 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



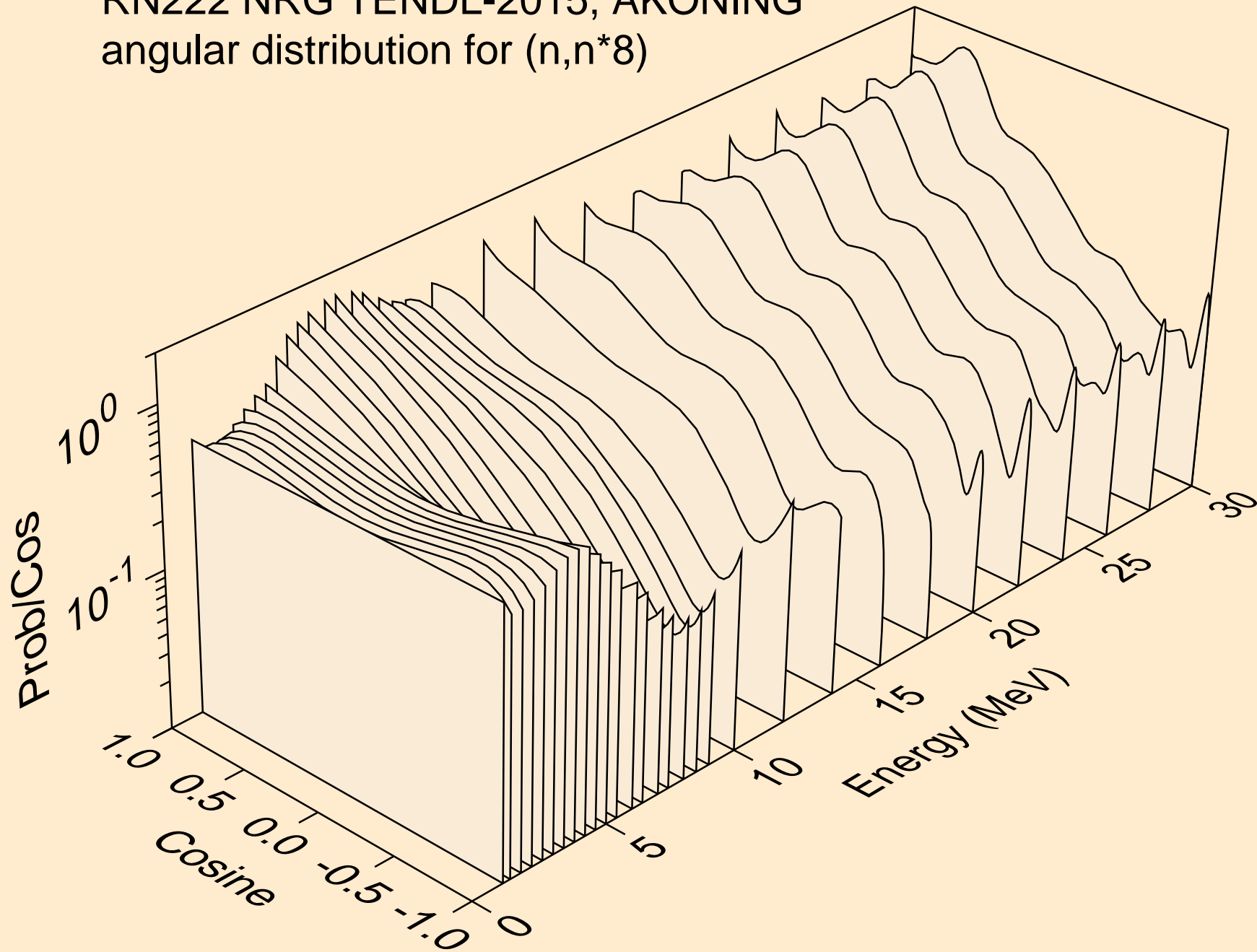
RN222 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



RN222 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

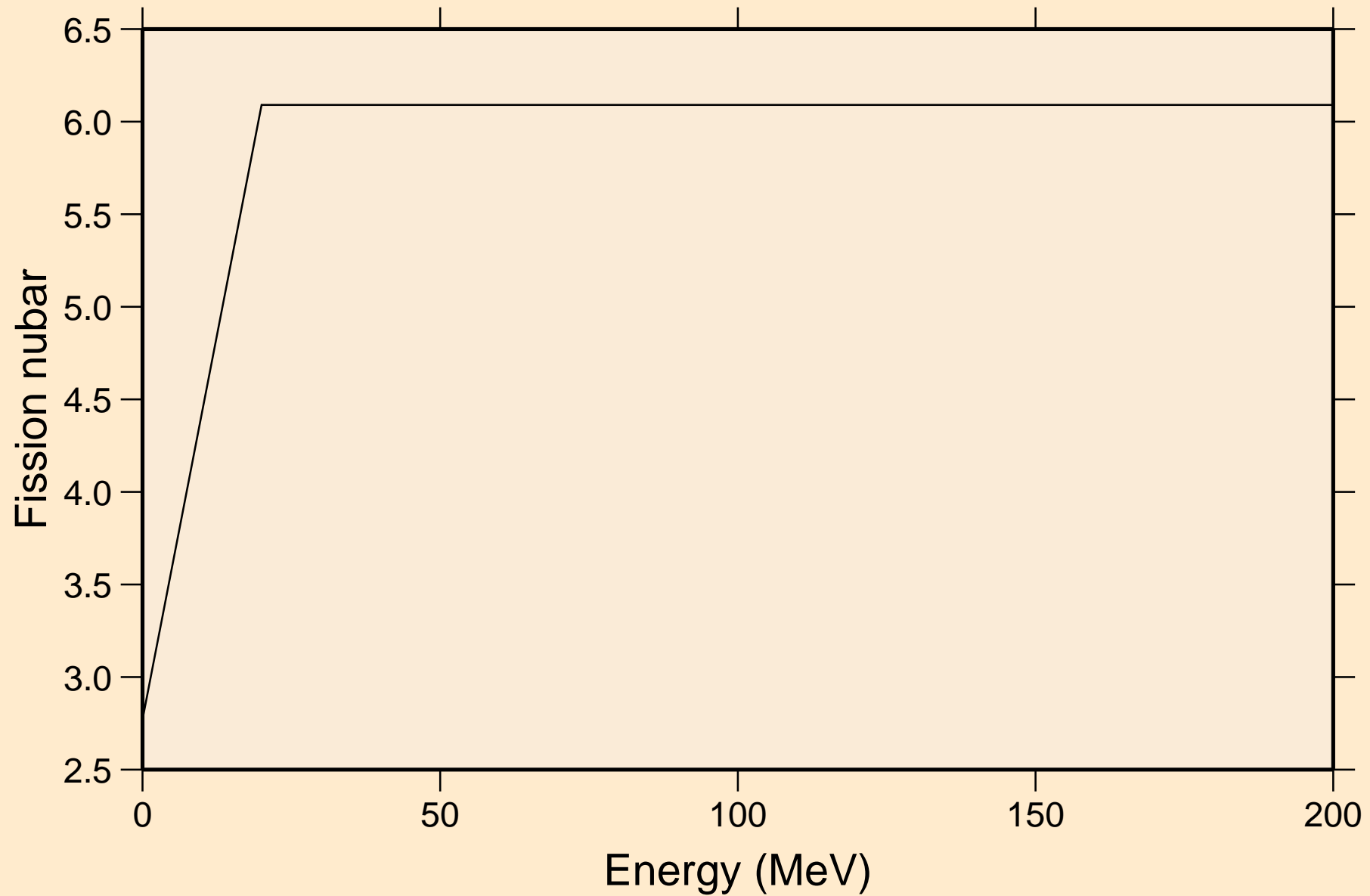


RN222 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

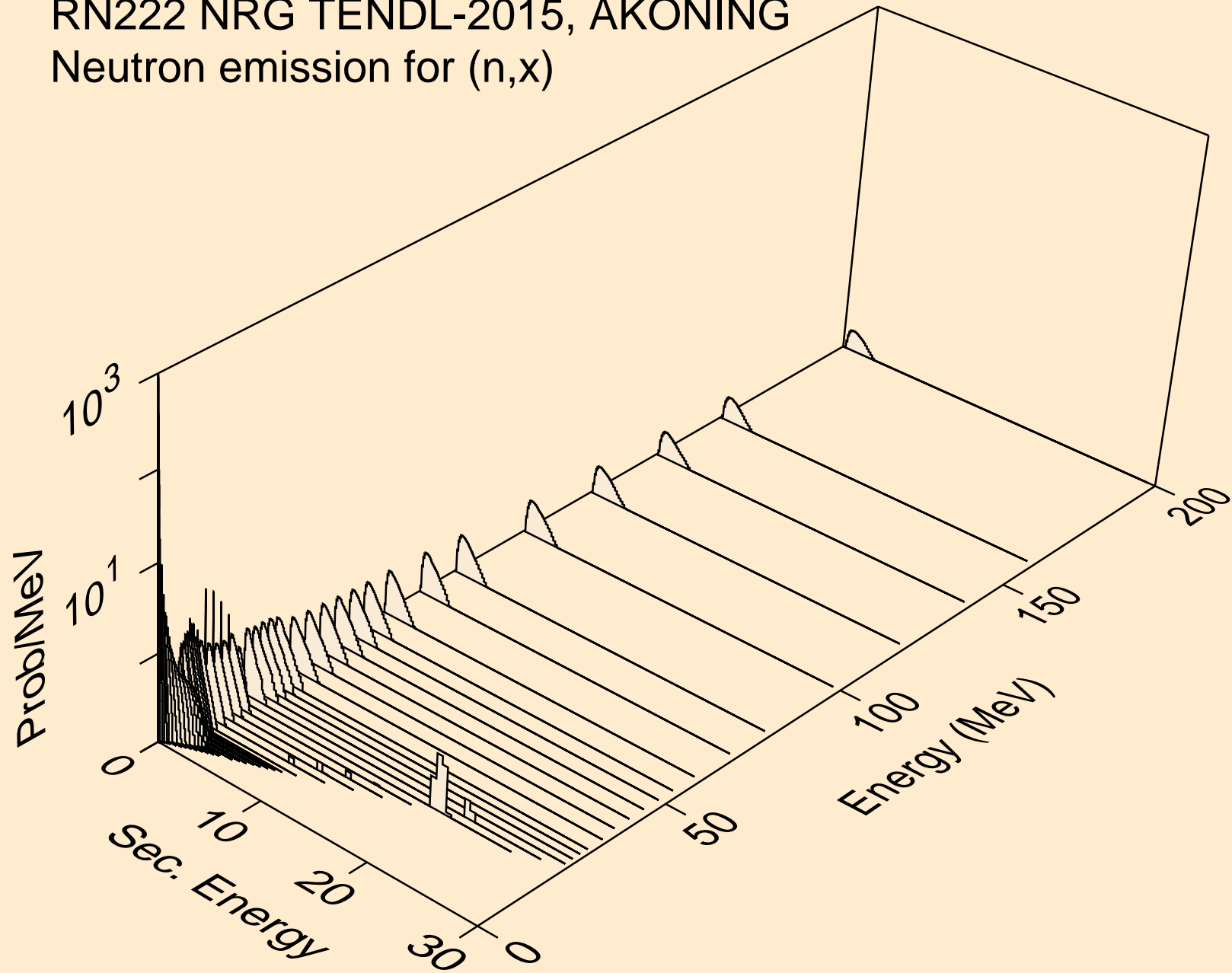


# RN222 NRG TENDL-2015, AKONING

Total fission nubar

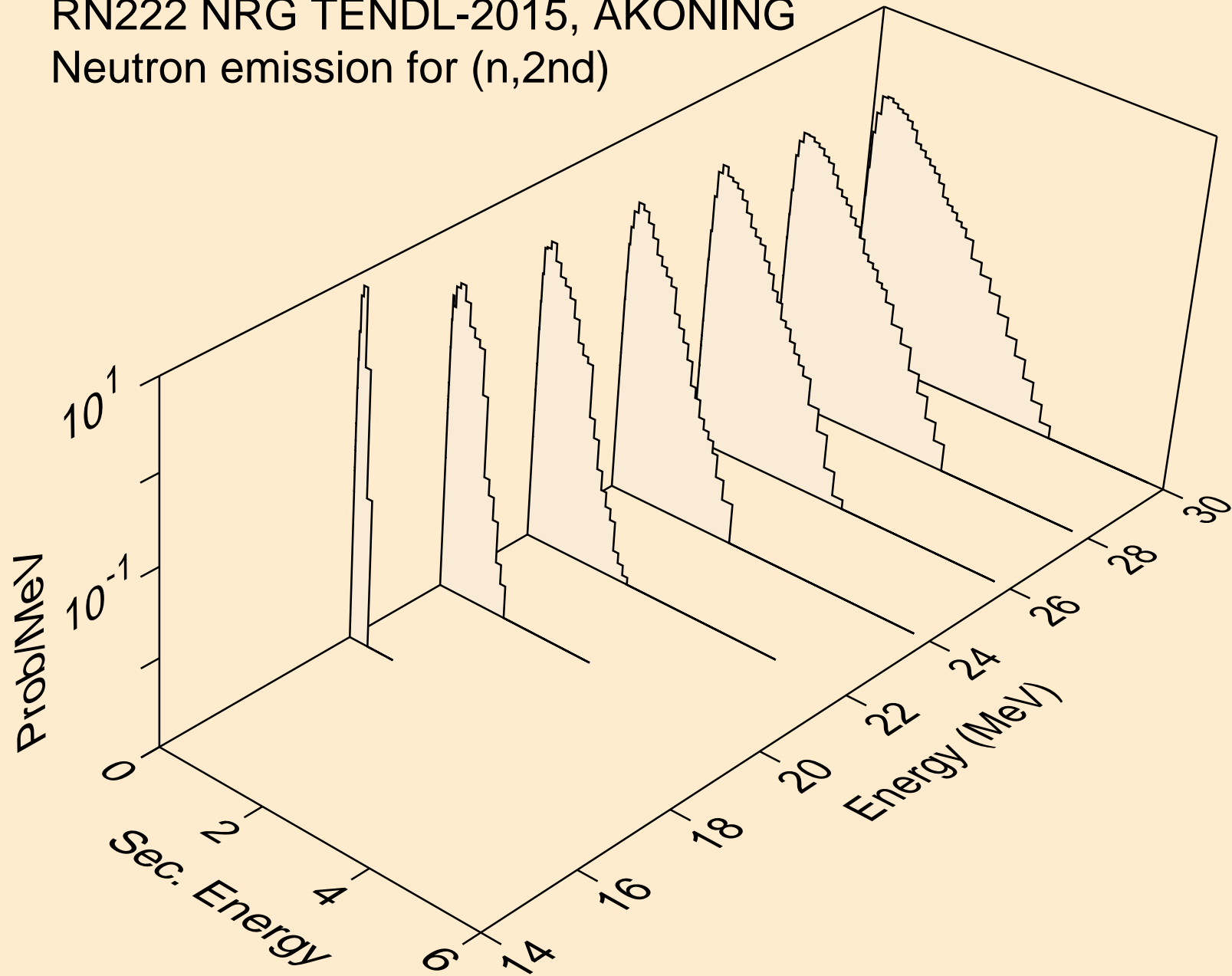


RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

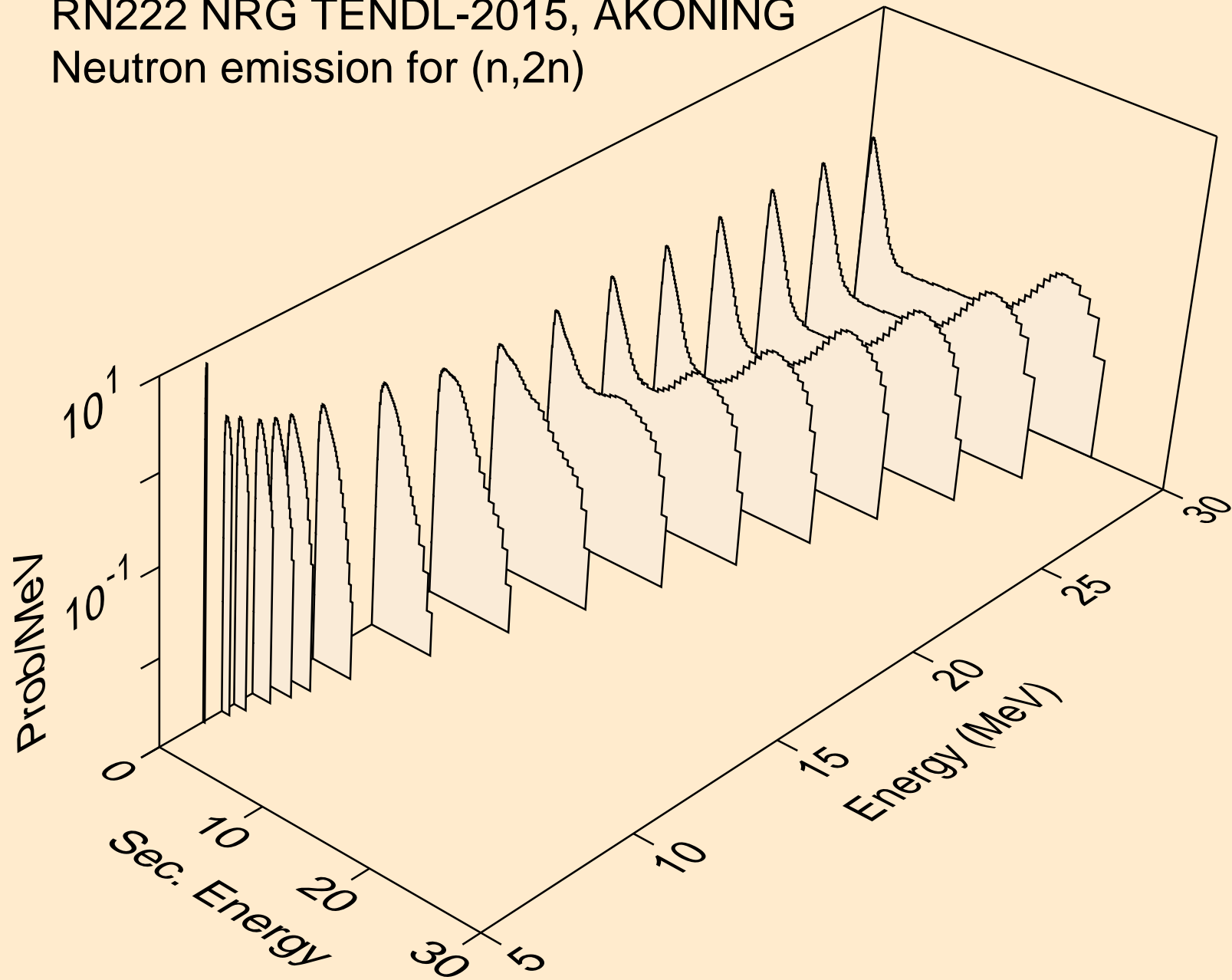




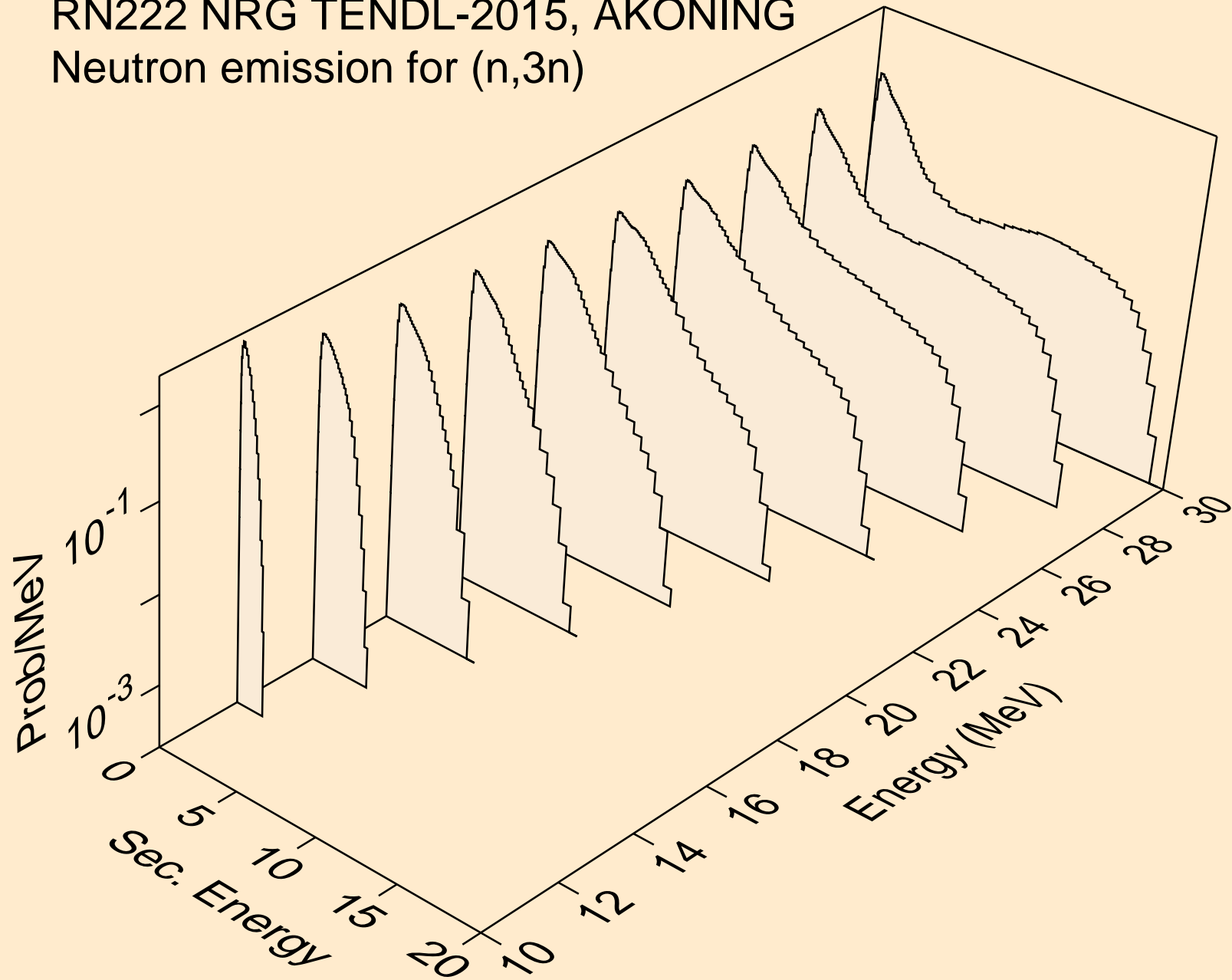
RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



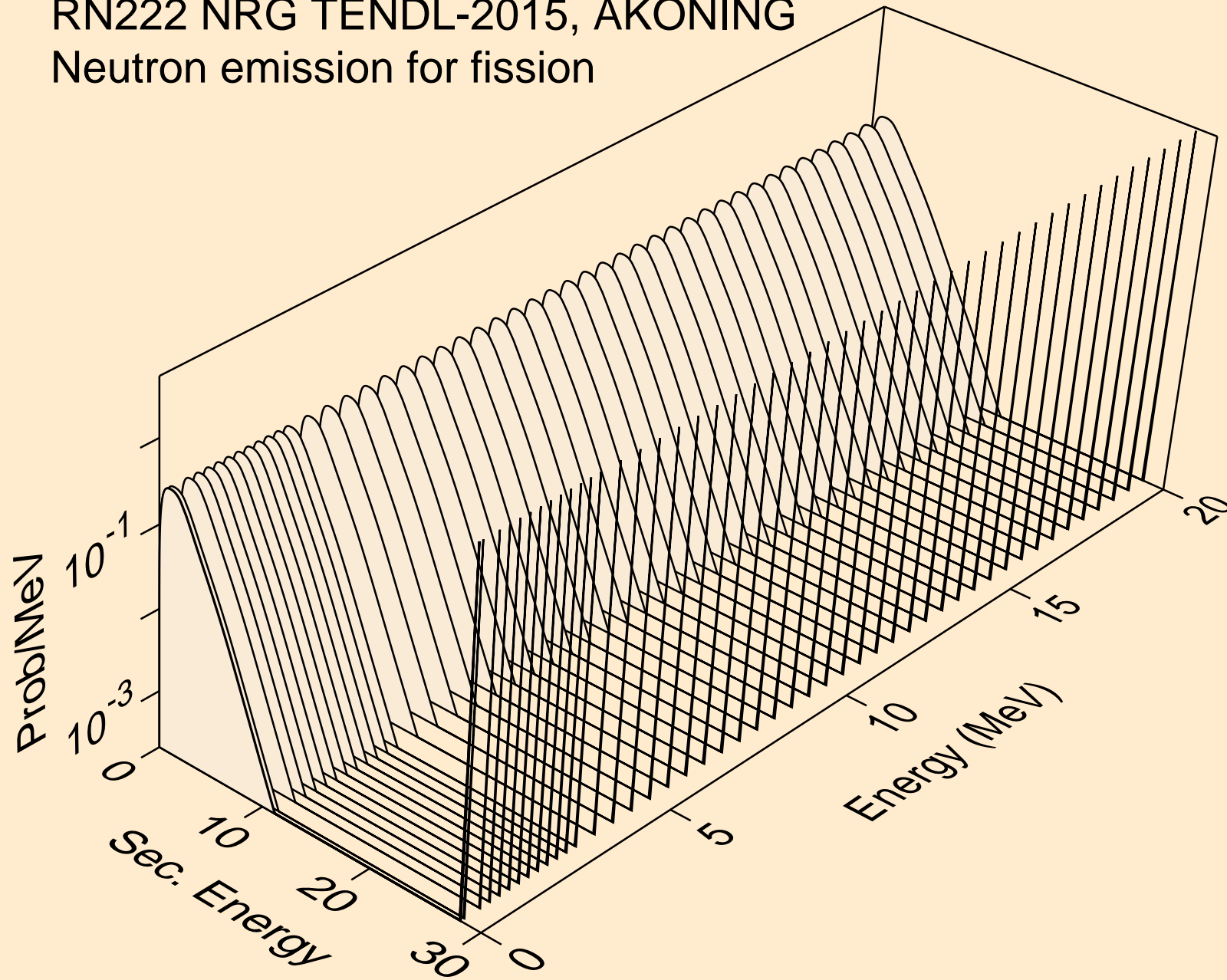
RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



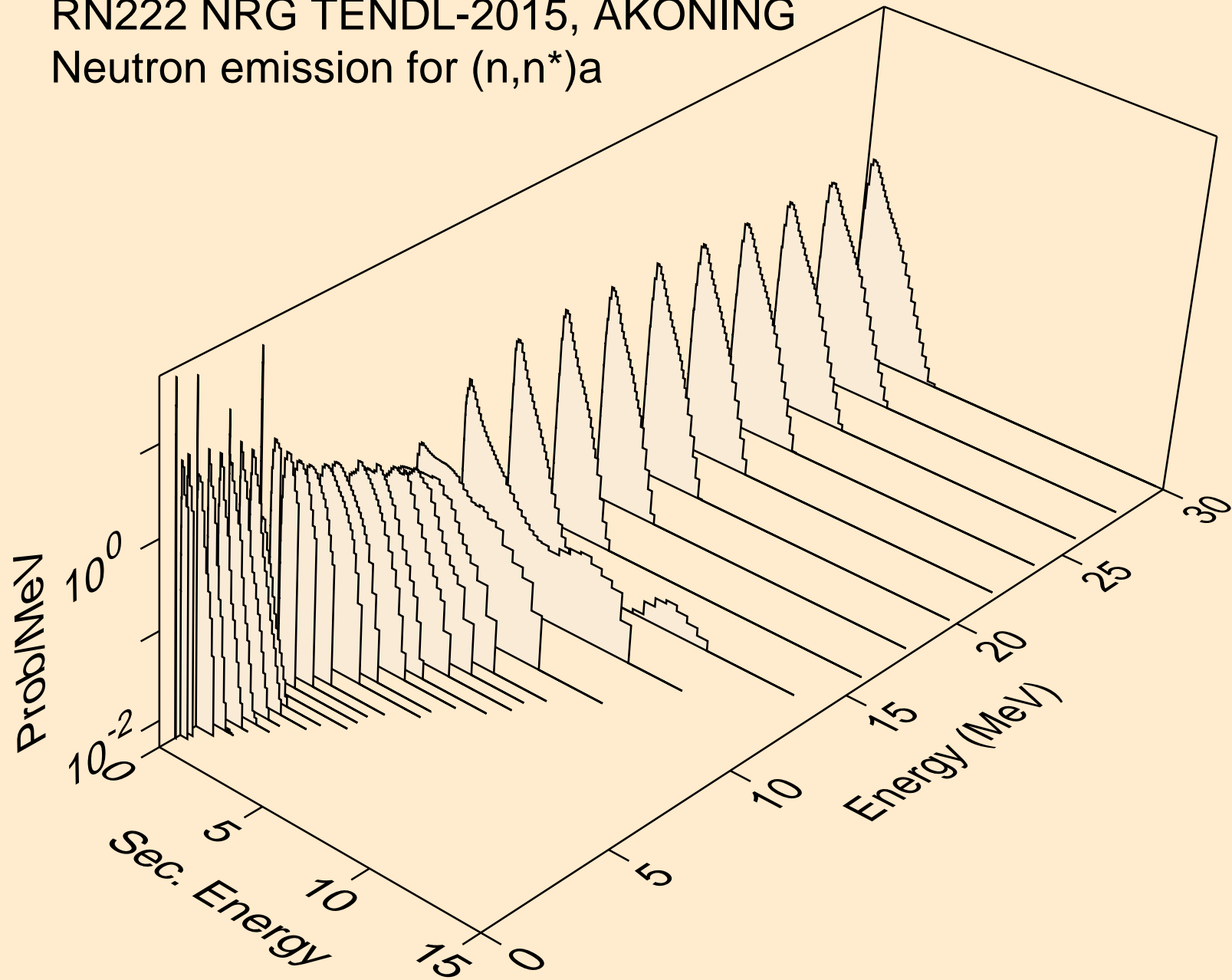
RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



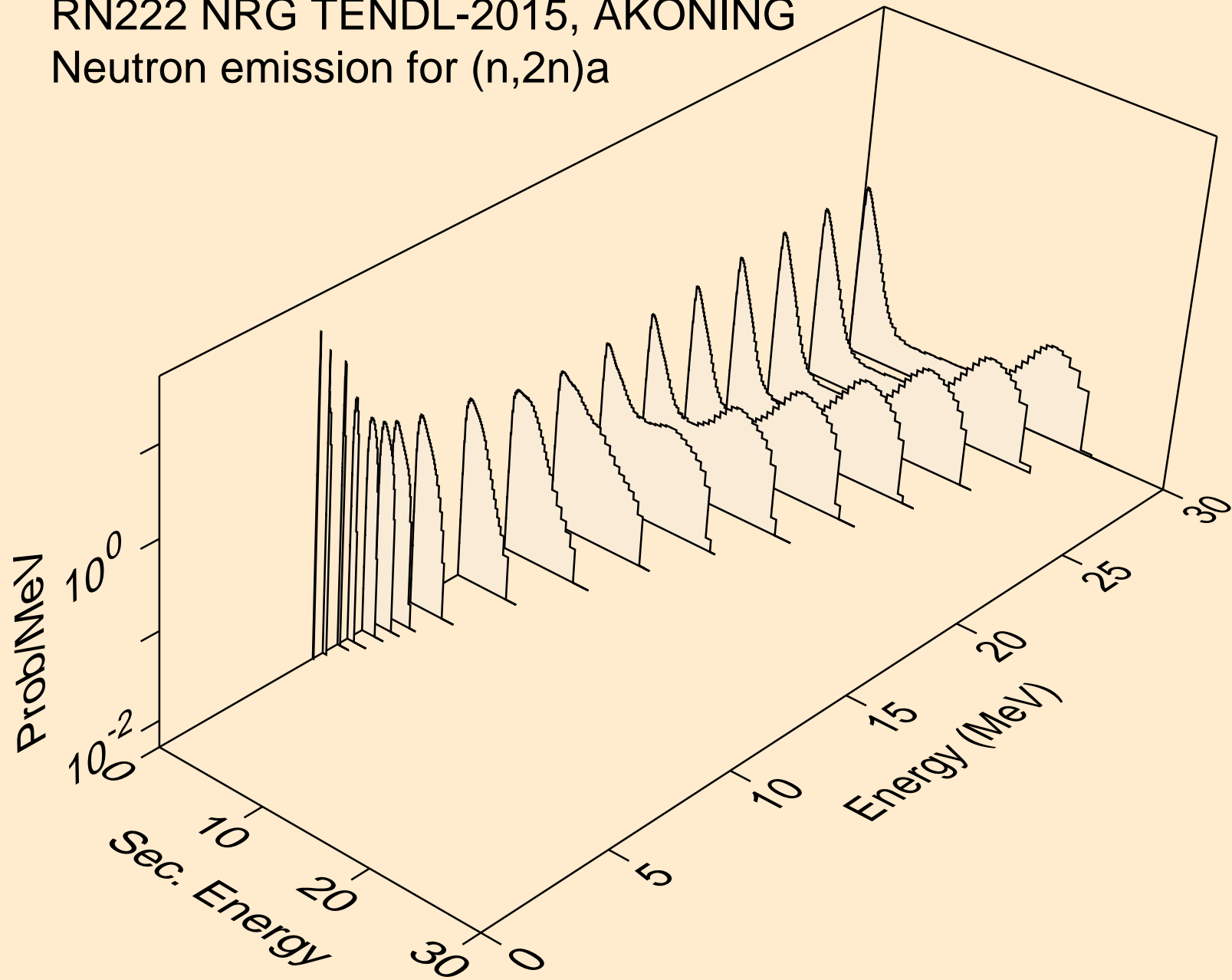
RN222 NRG TENDL-2015, AKONING  
Neutron emission for fission



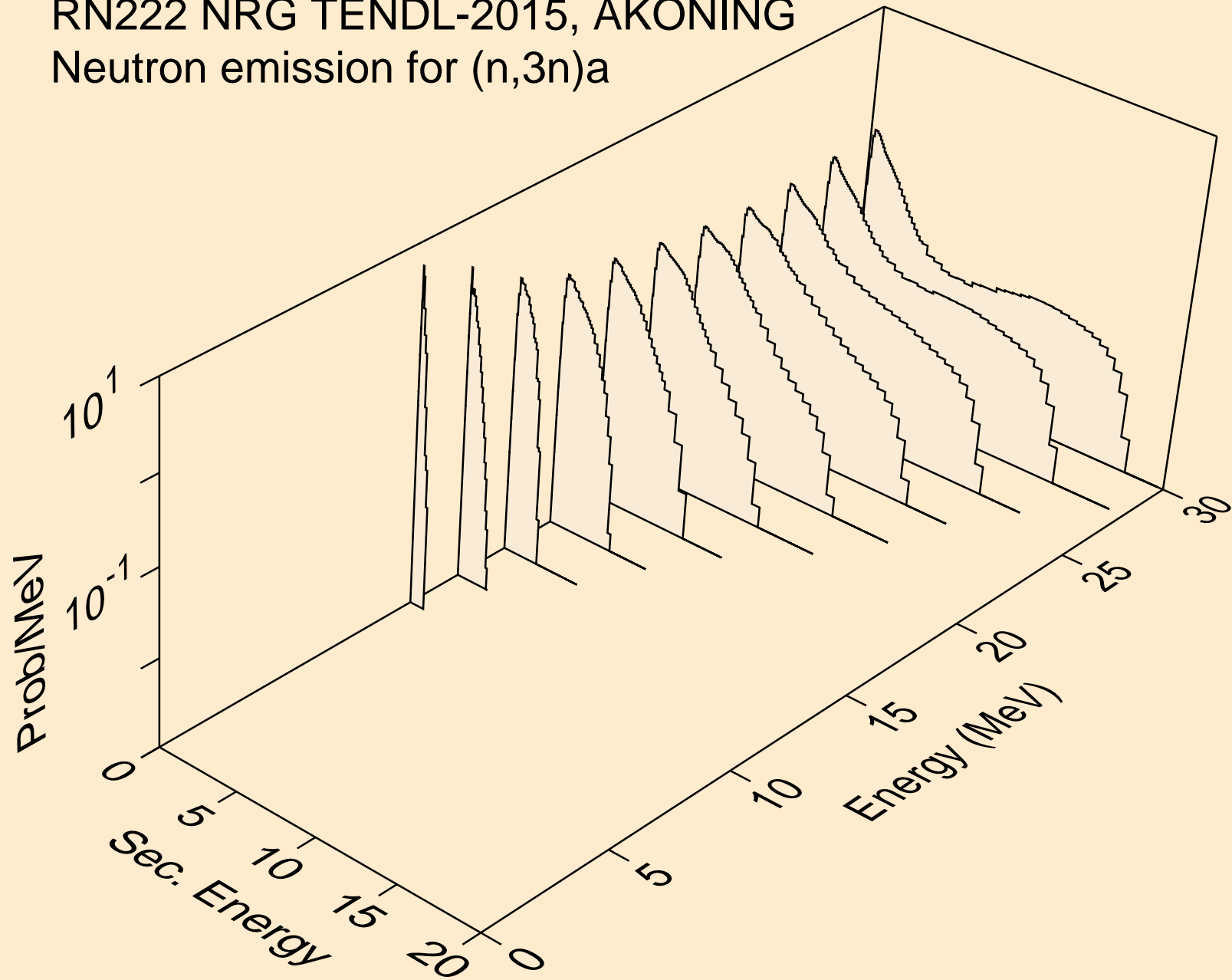
RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



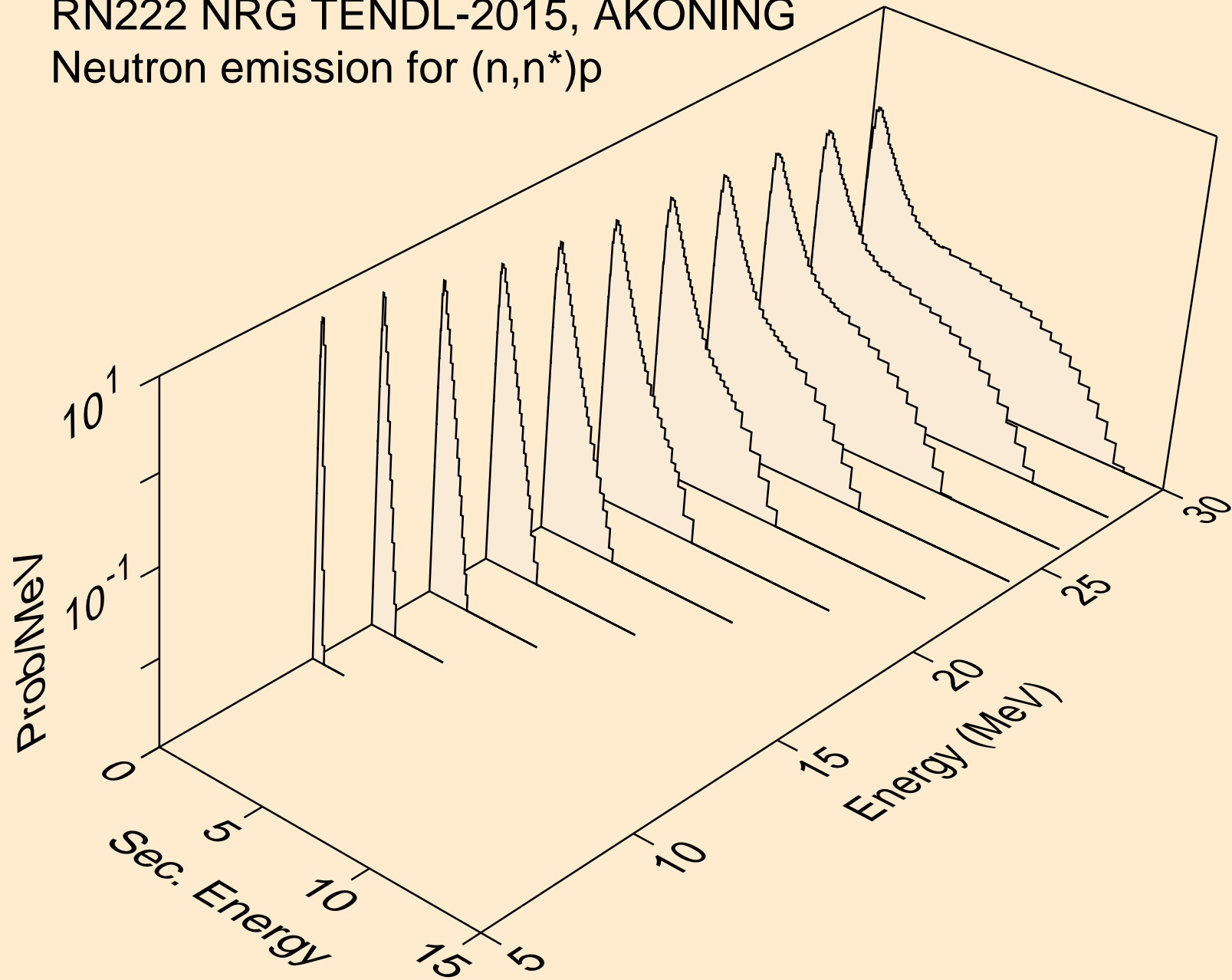
RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

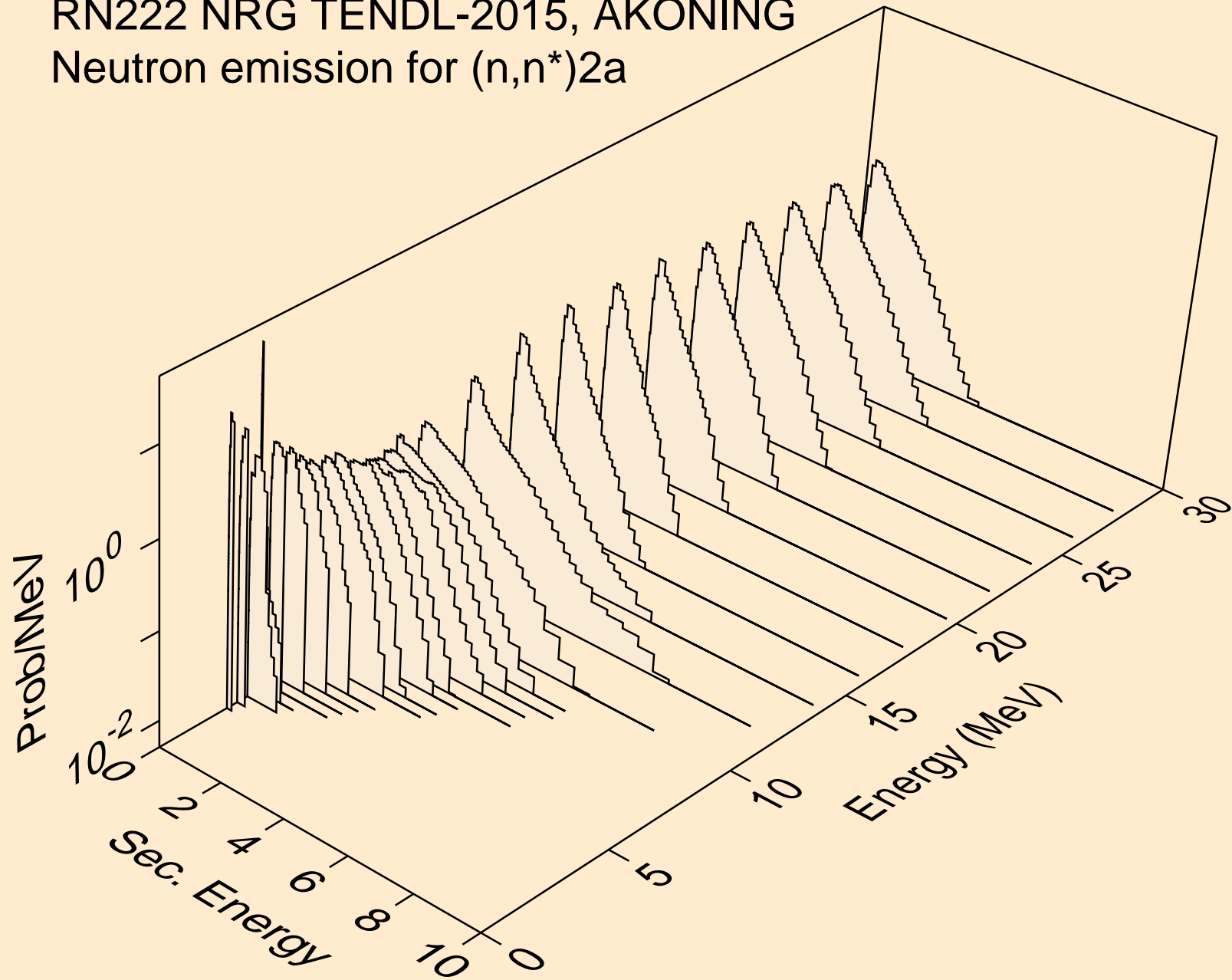


RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

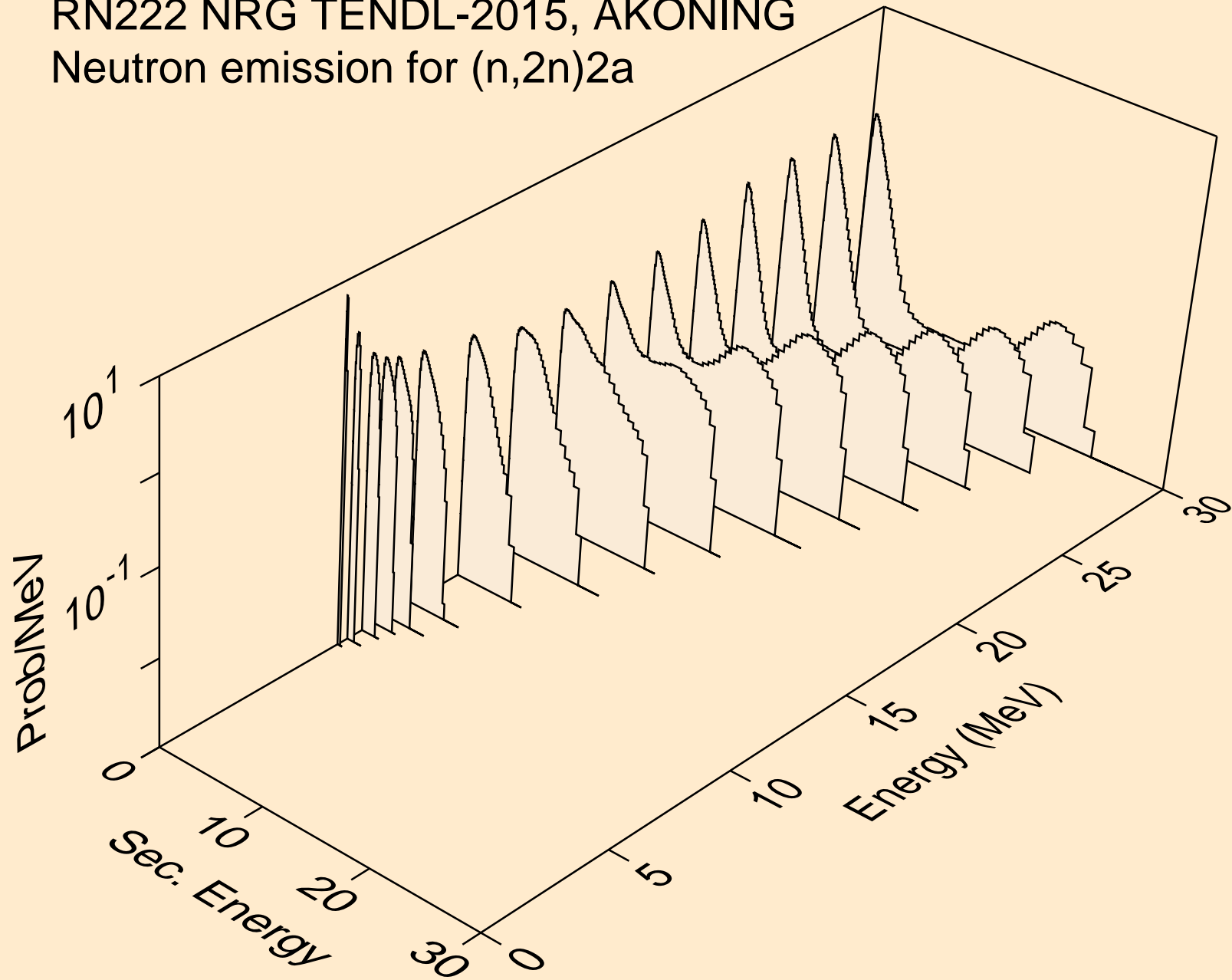




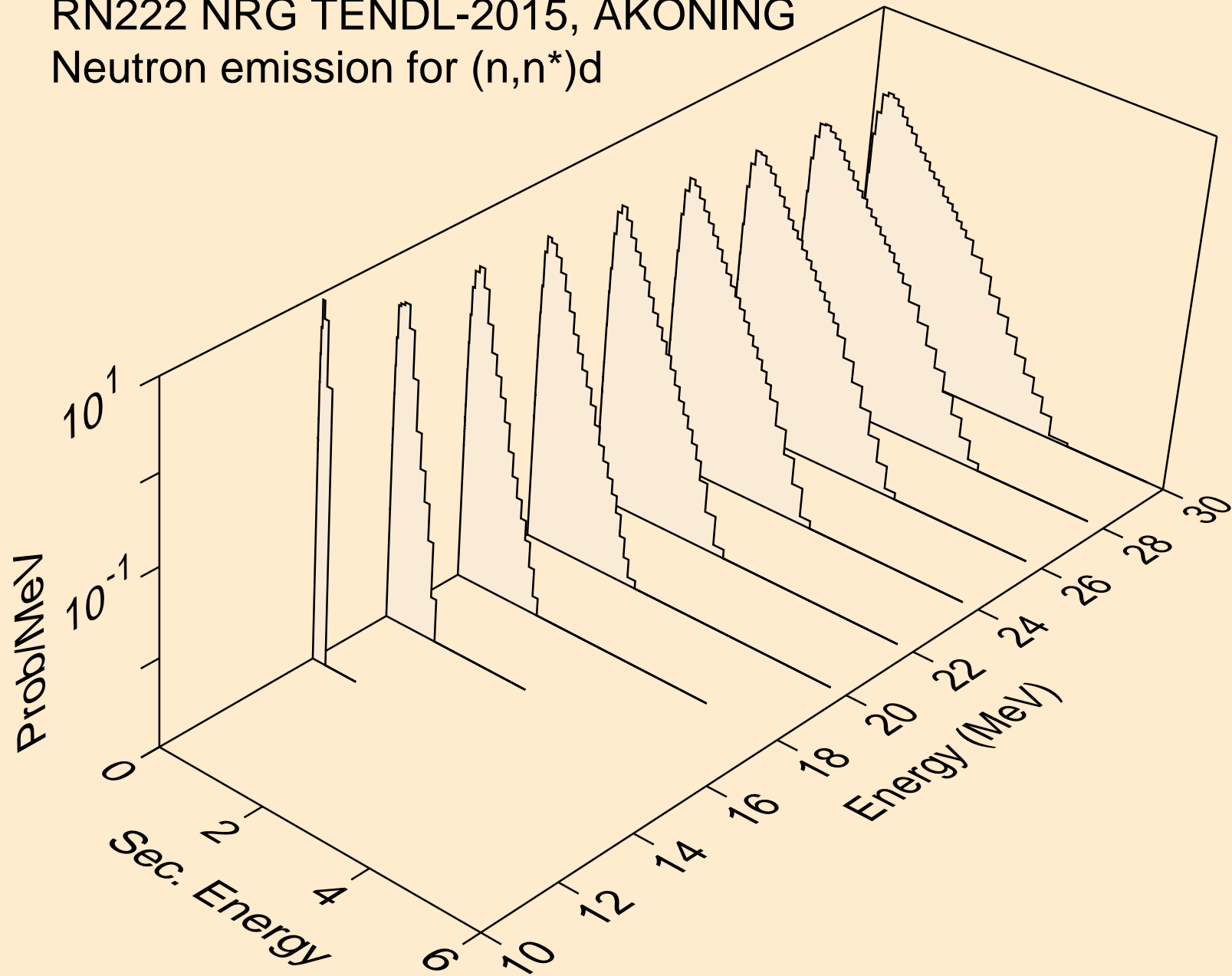
RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



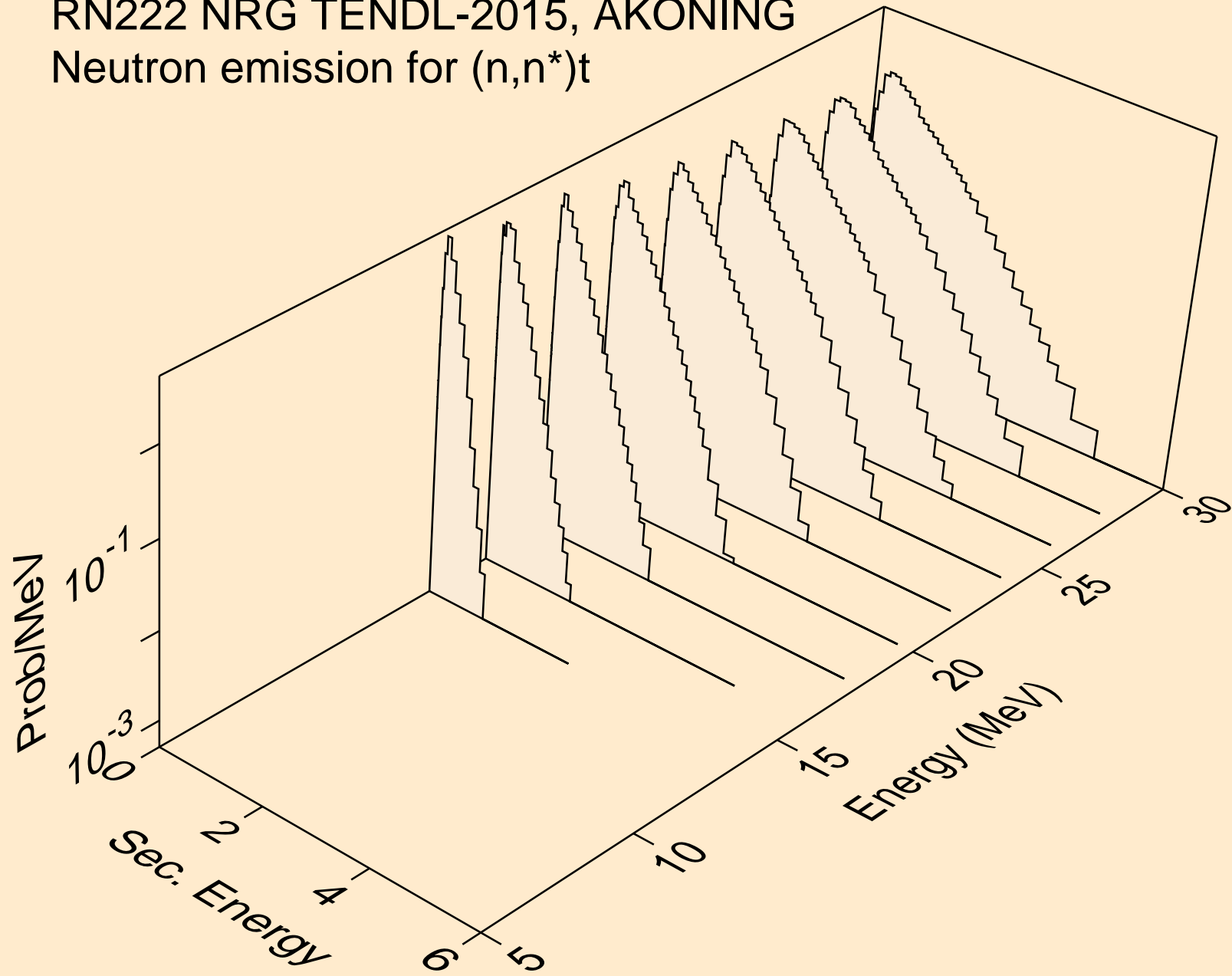
RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



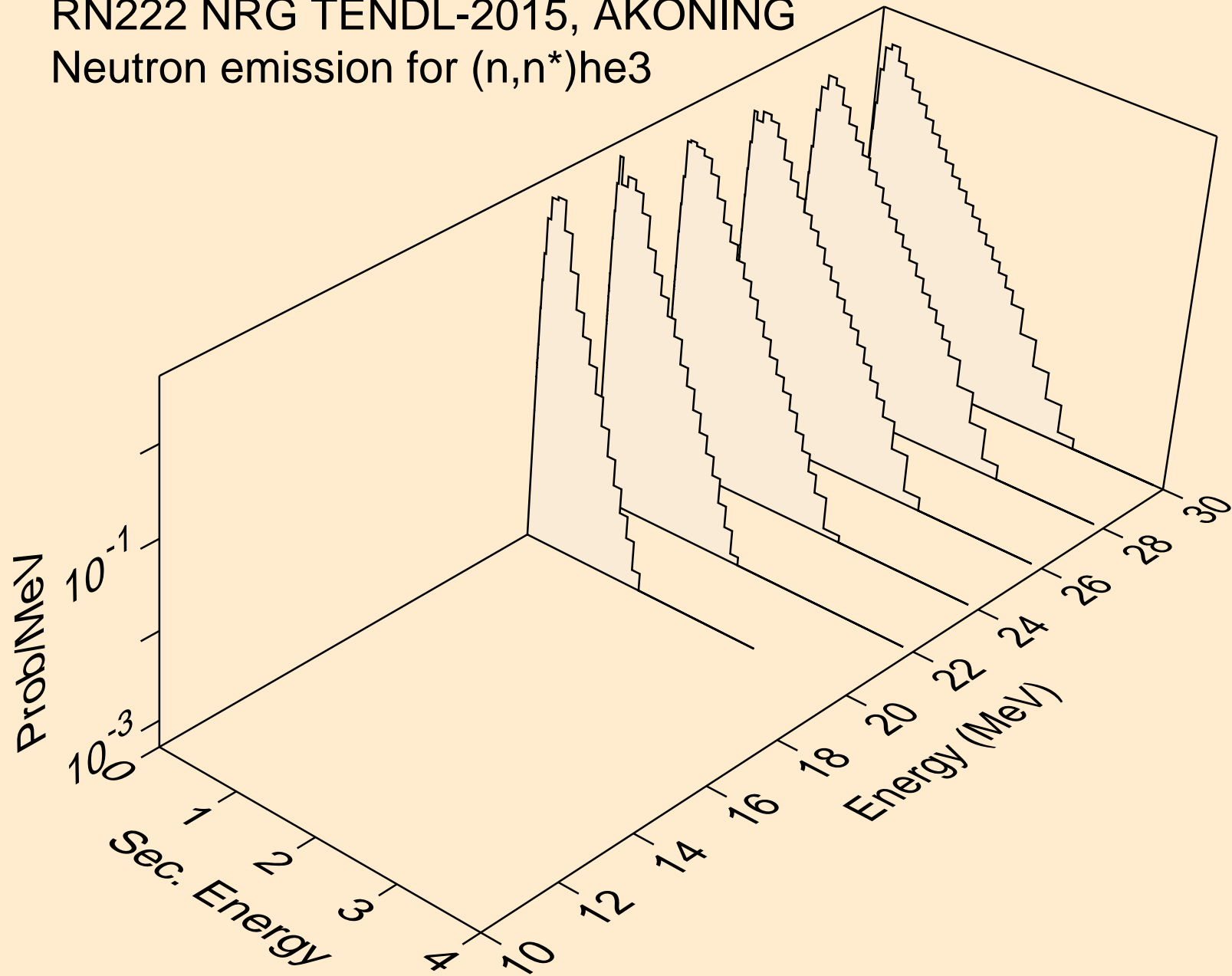
RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



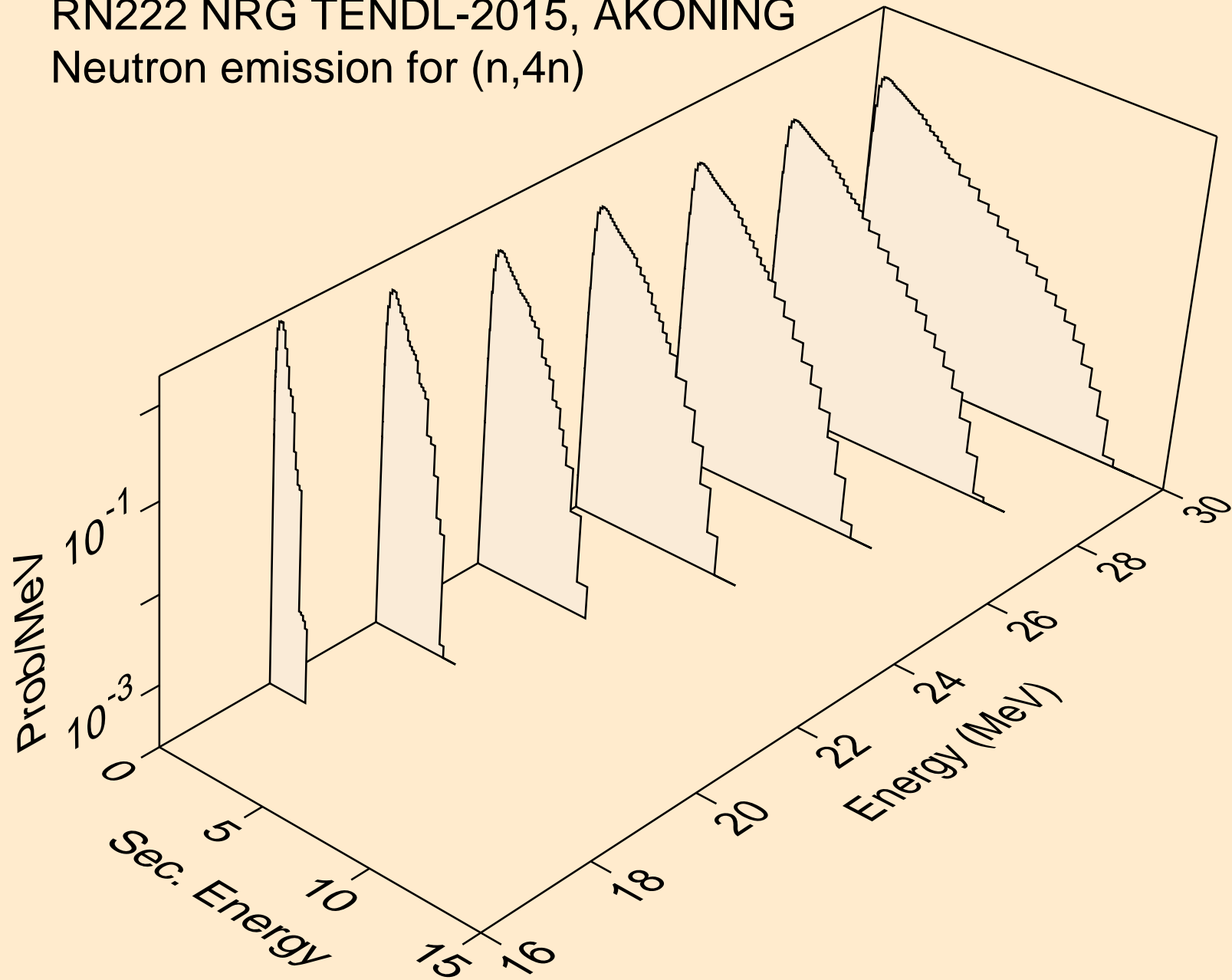
RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



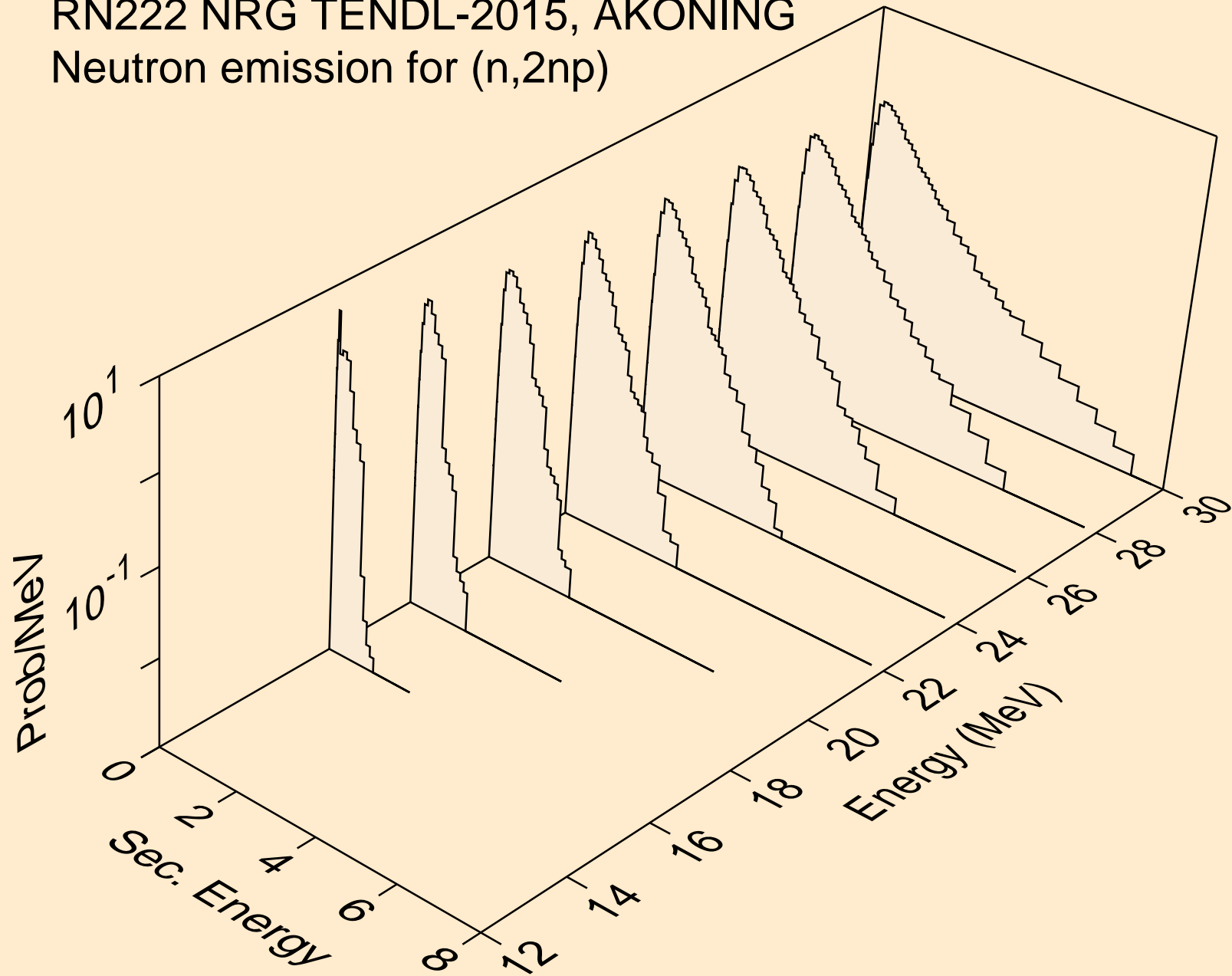
RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



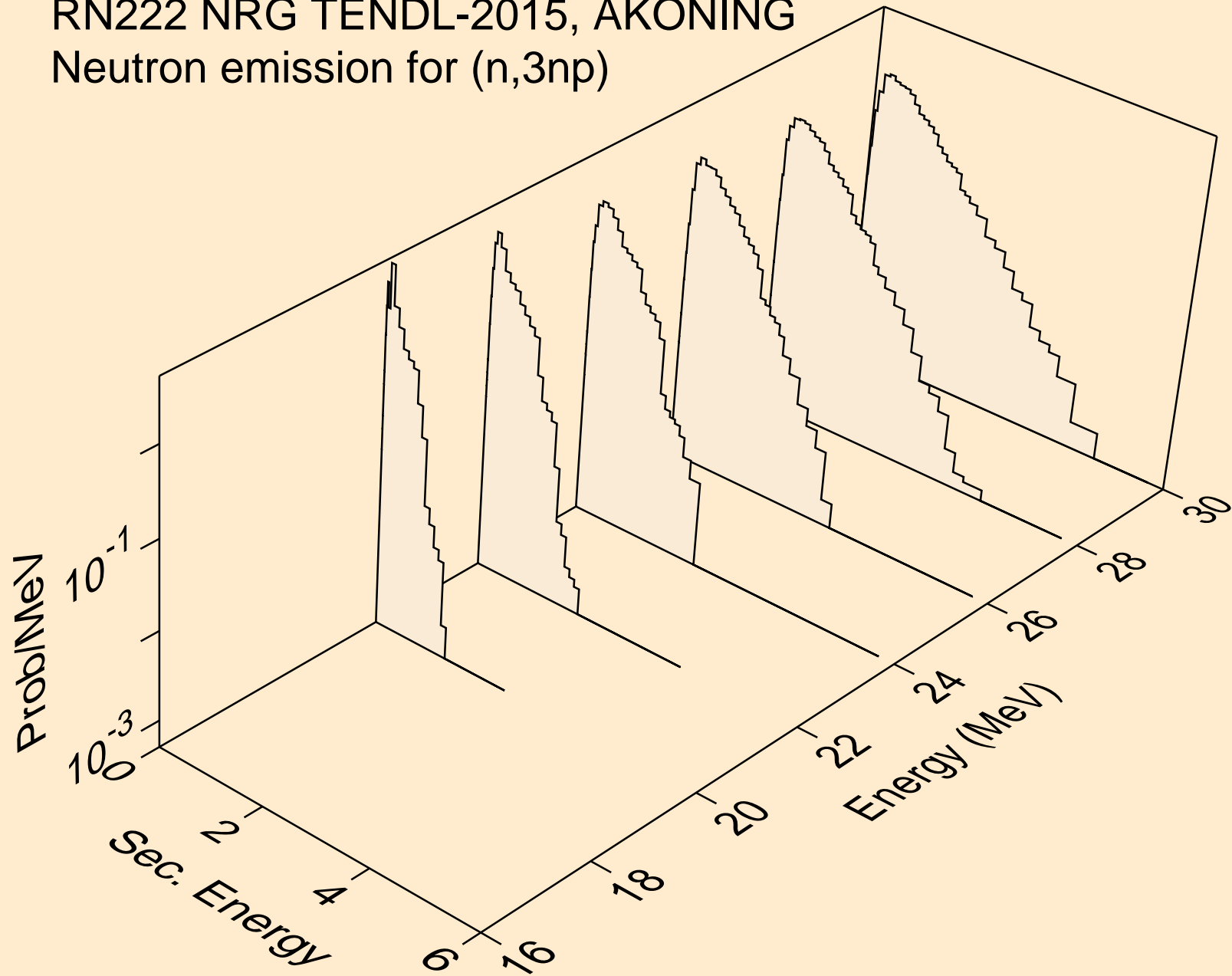
RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

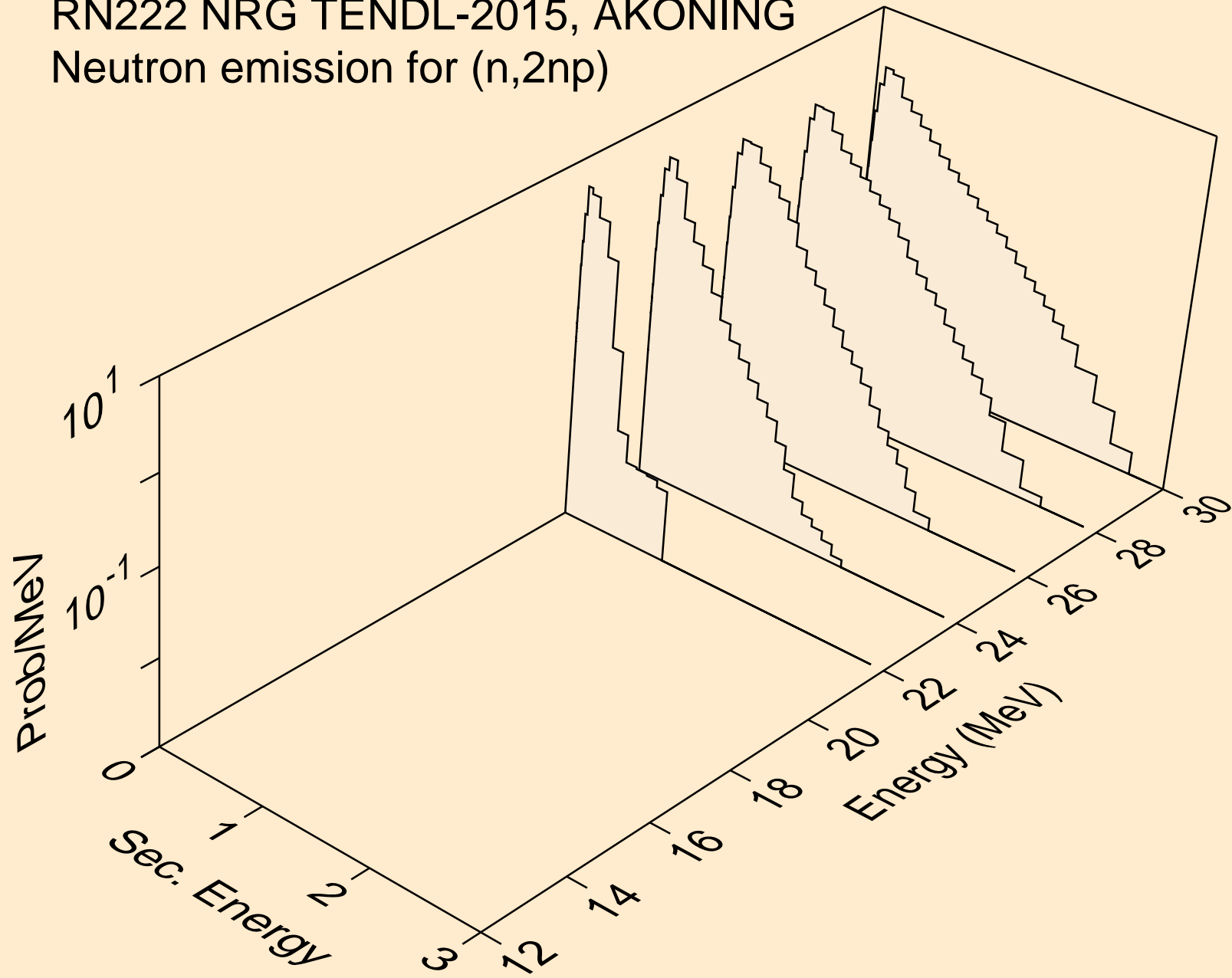


RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

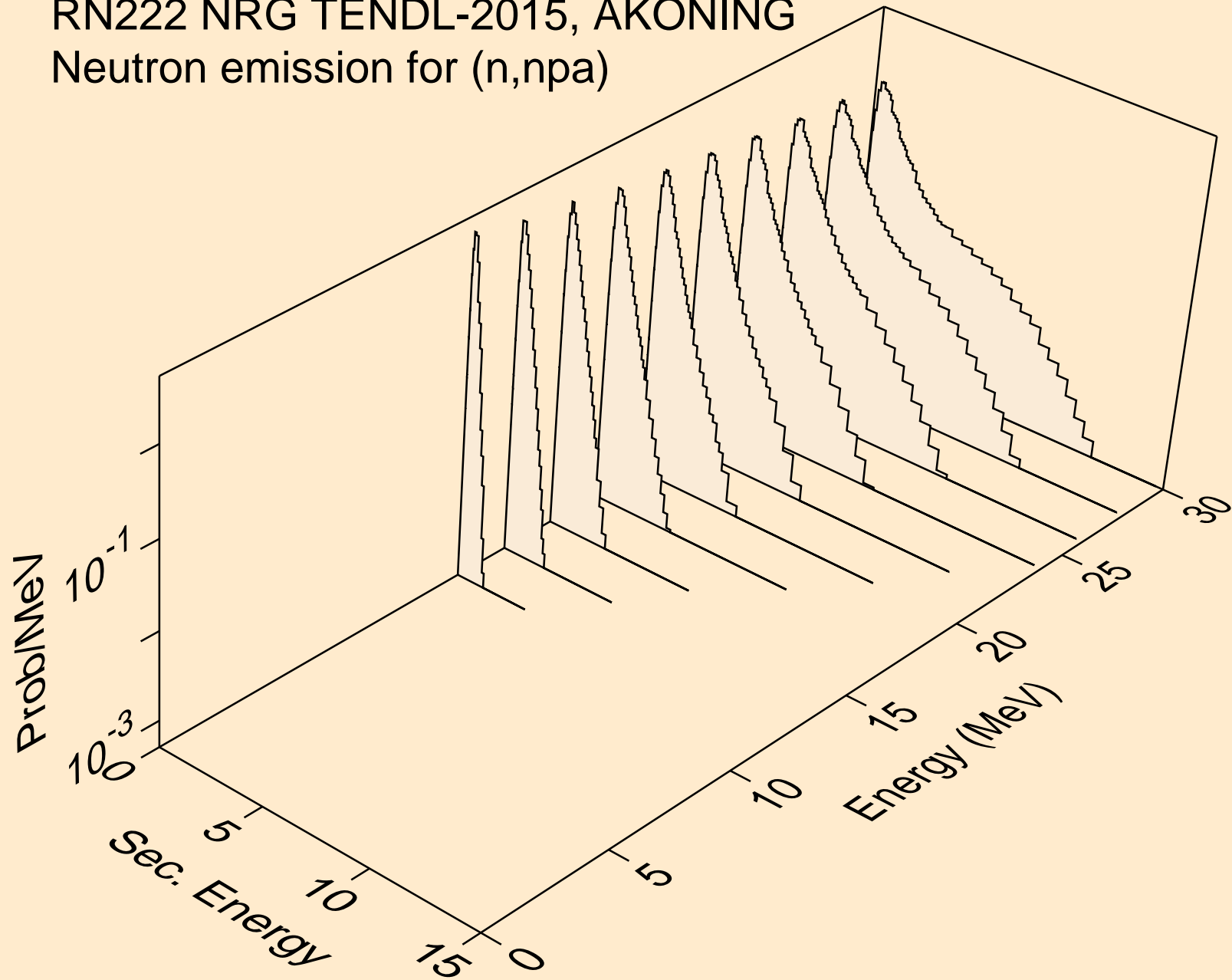




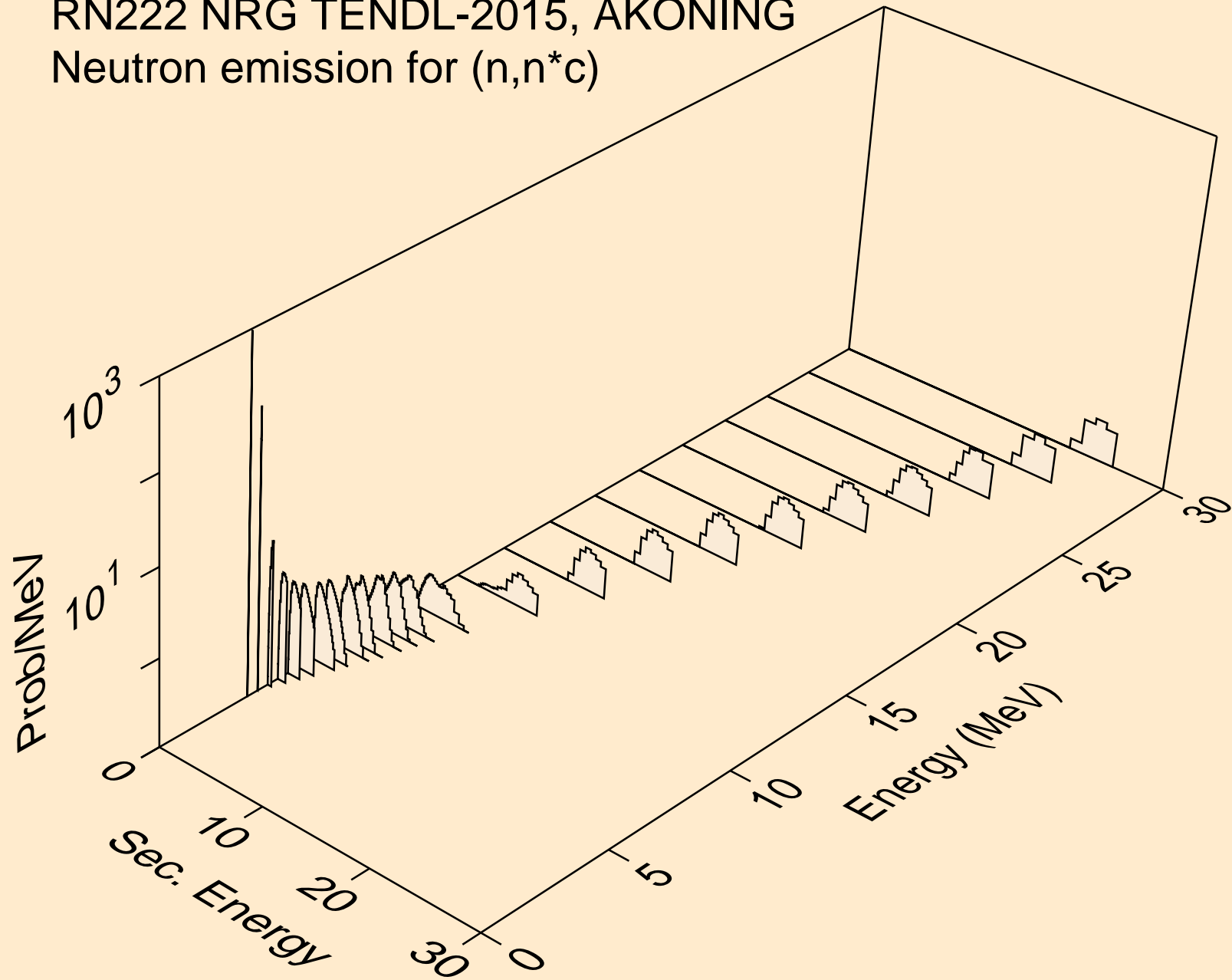
RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

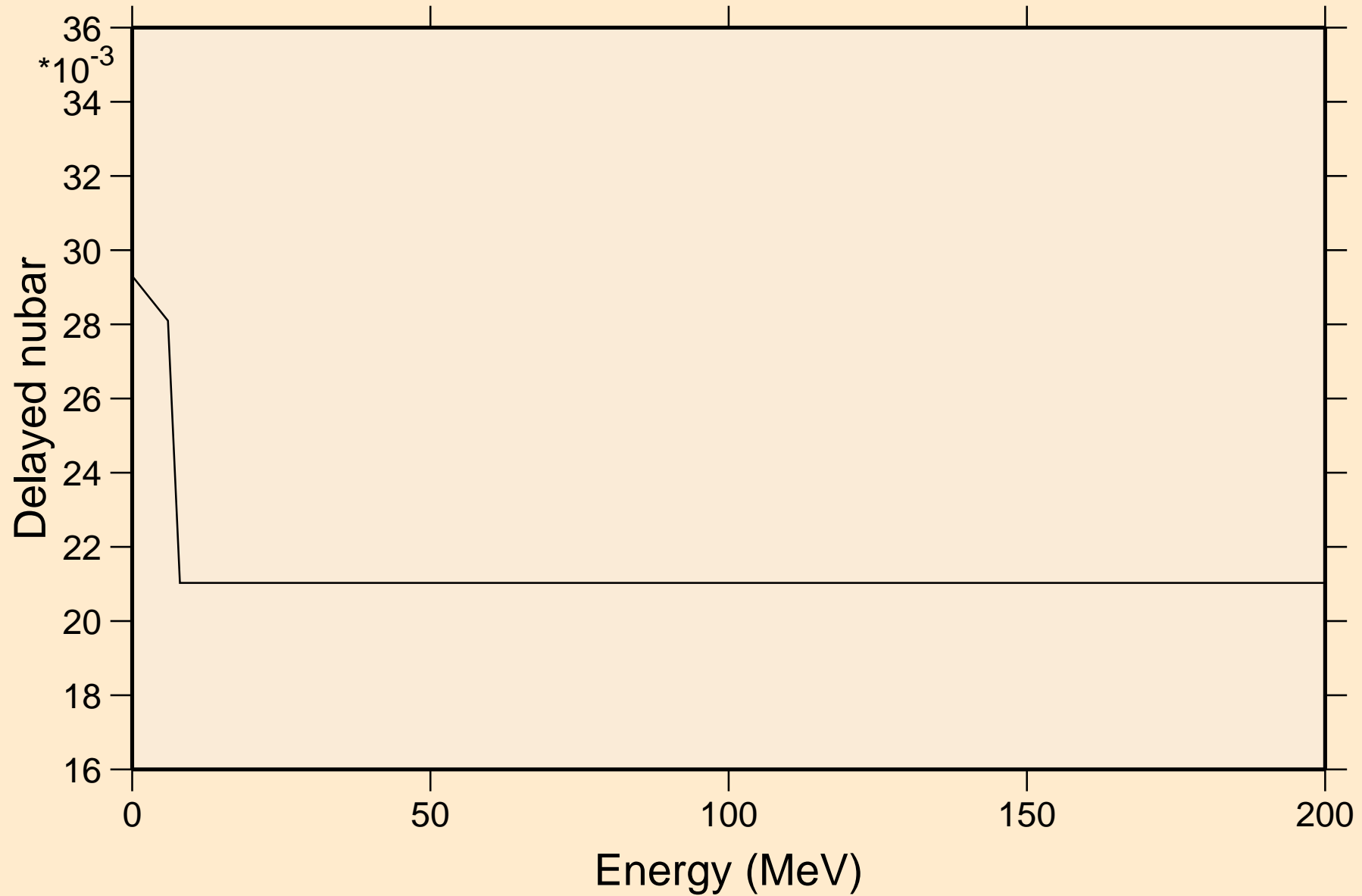


RN222 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



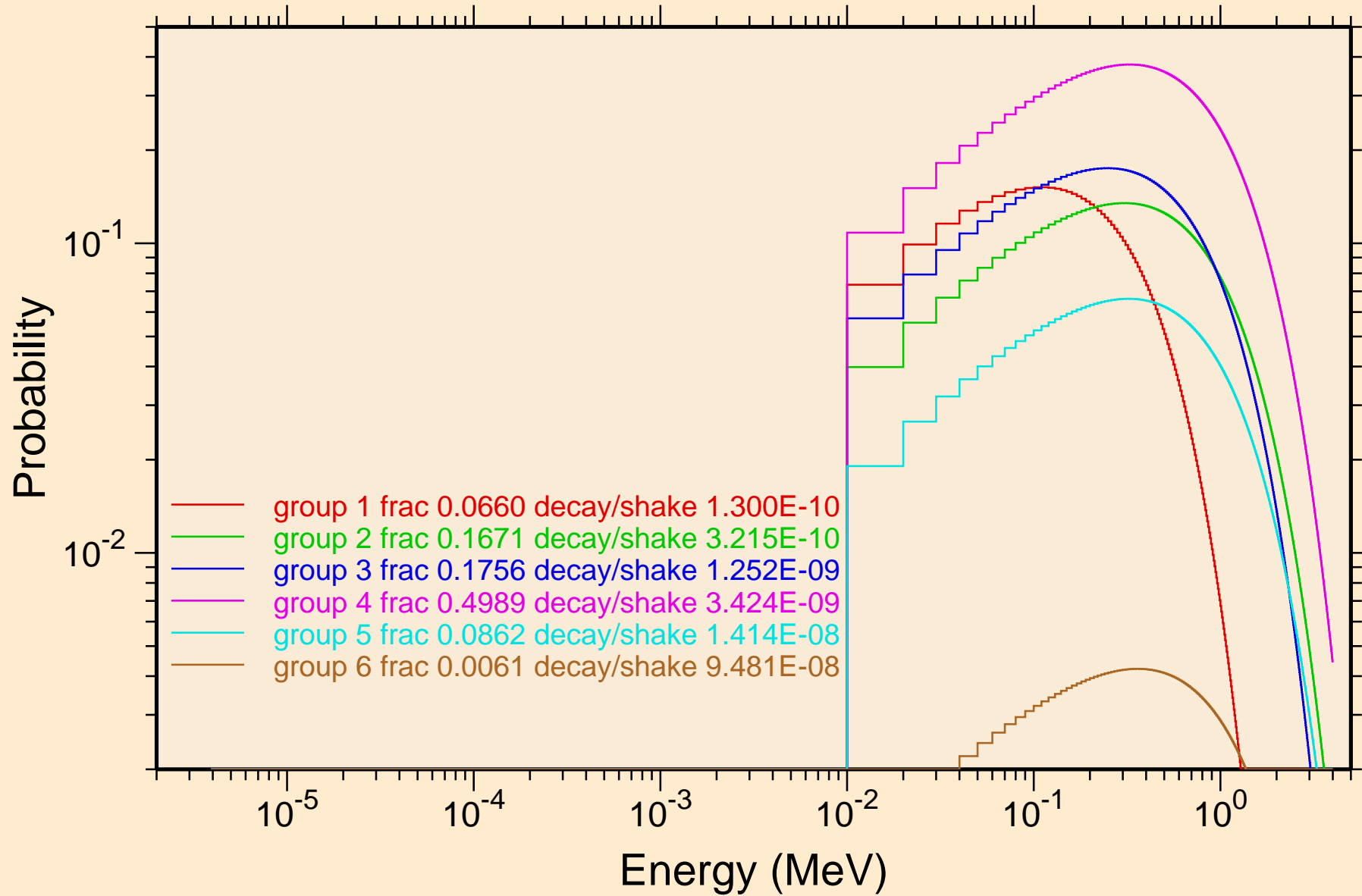
# RN222 NRG TENDL-2015, AKONING

## Delayed nubar

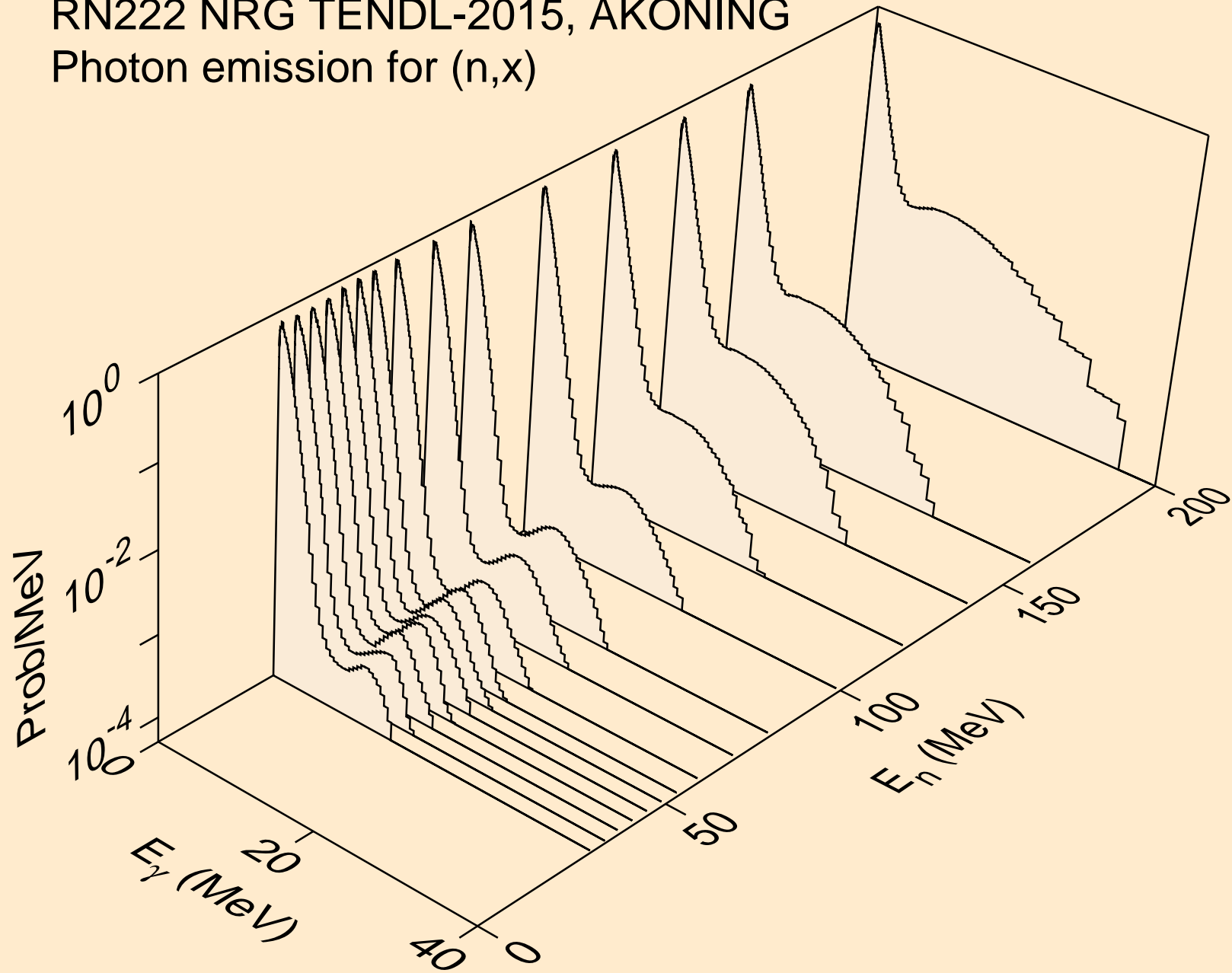


# RN222 NRG TENDL-2015, AKONING

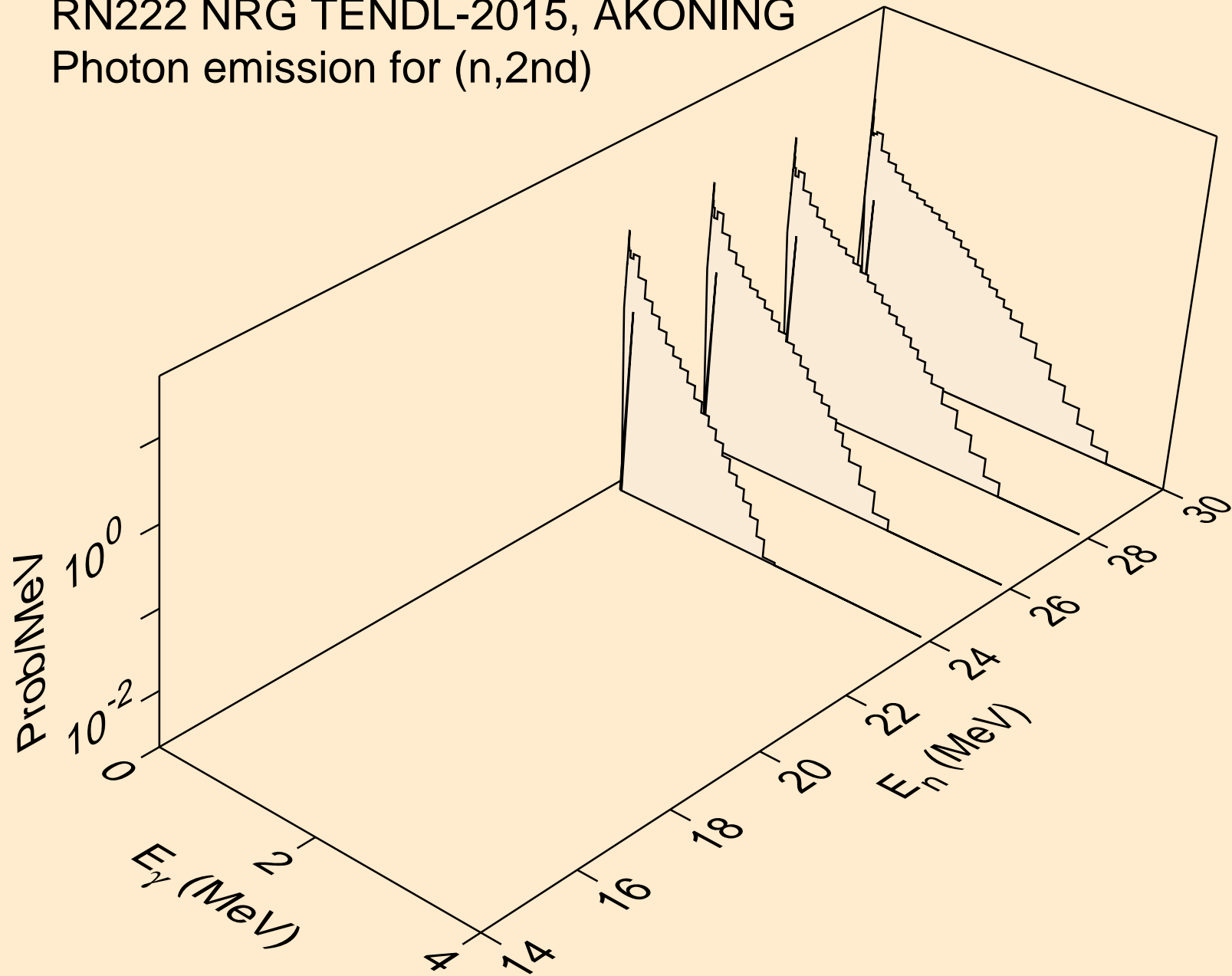
## Delayed neutron spectra



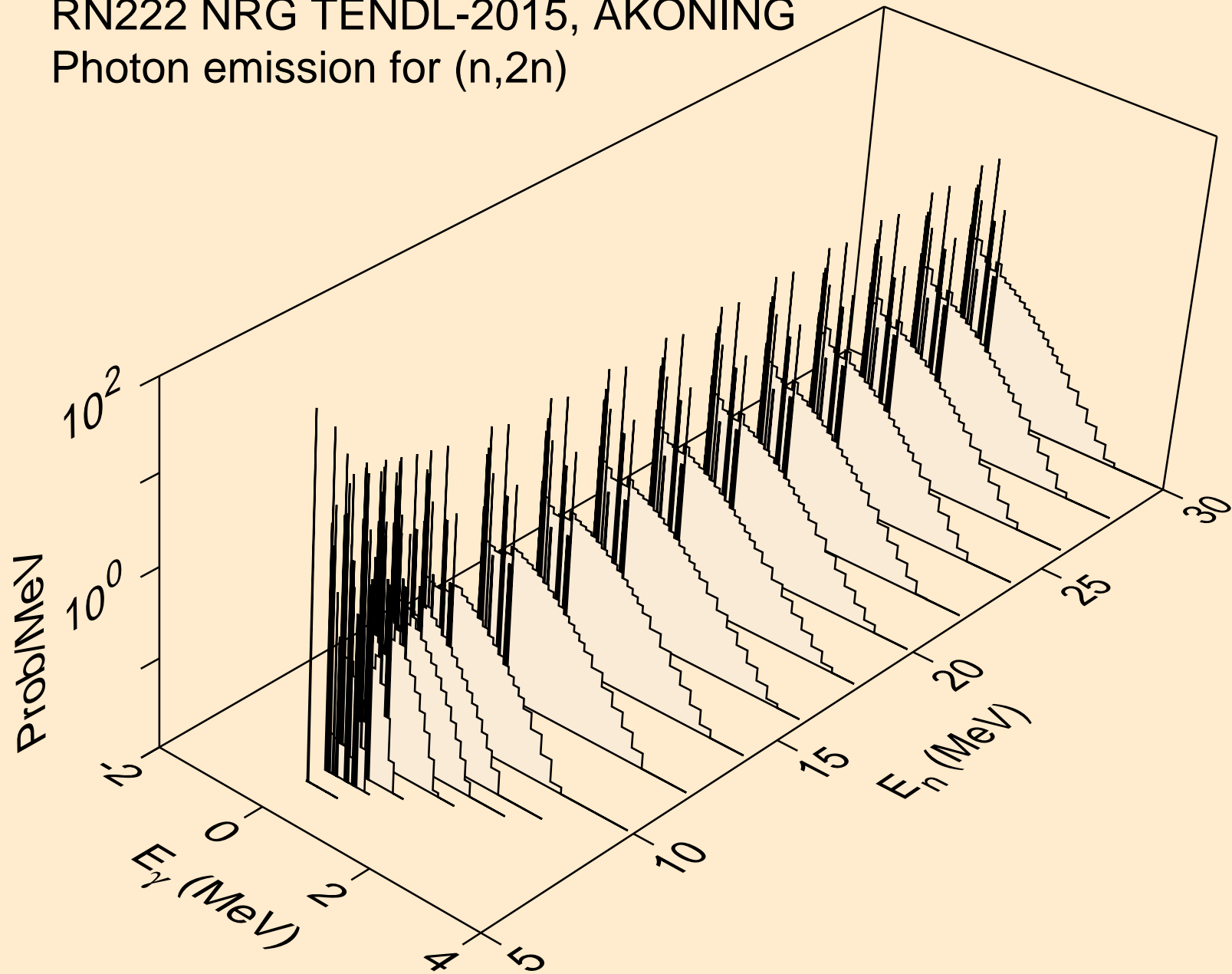
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

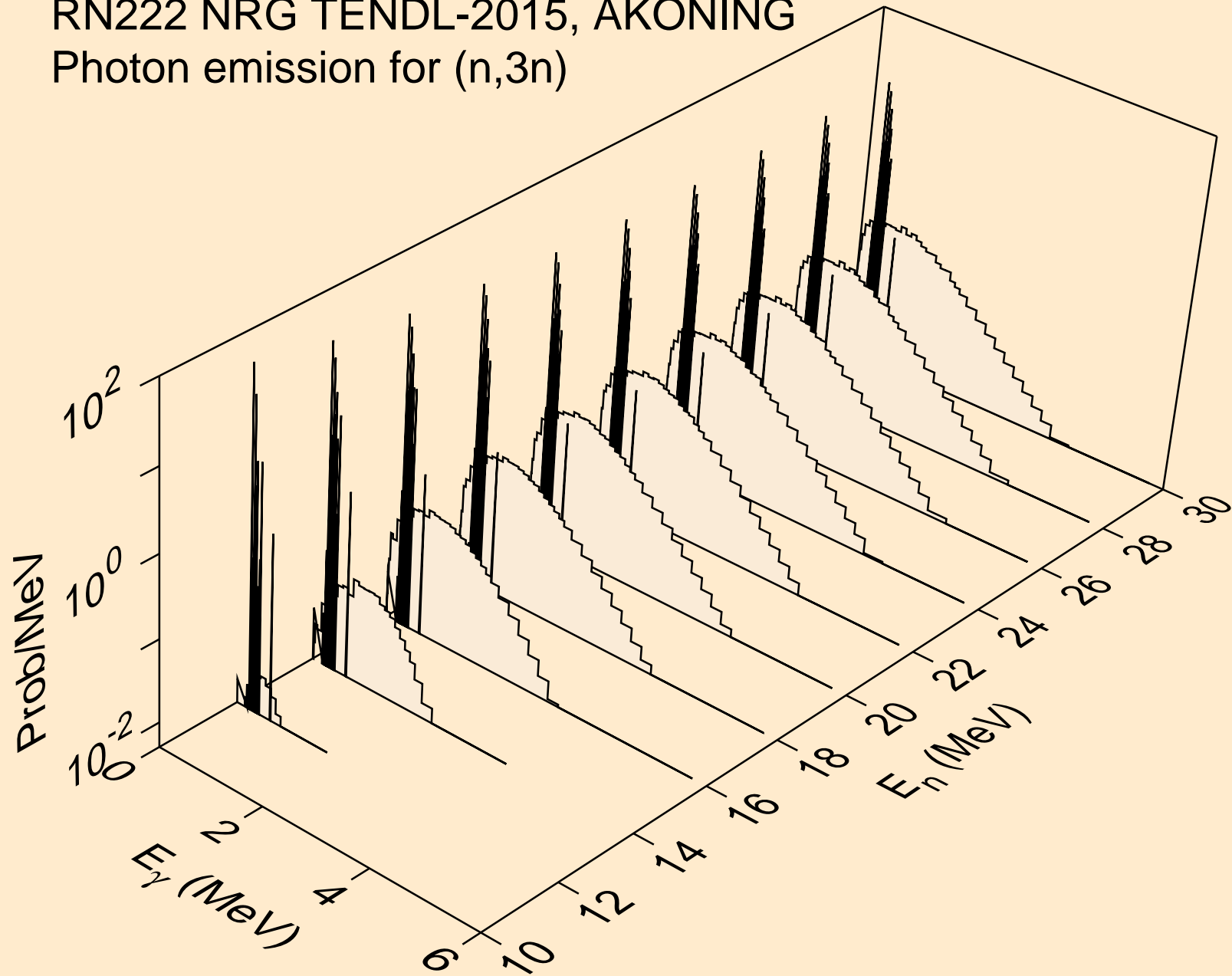


RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

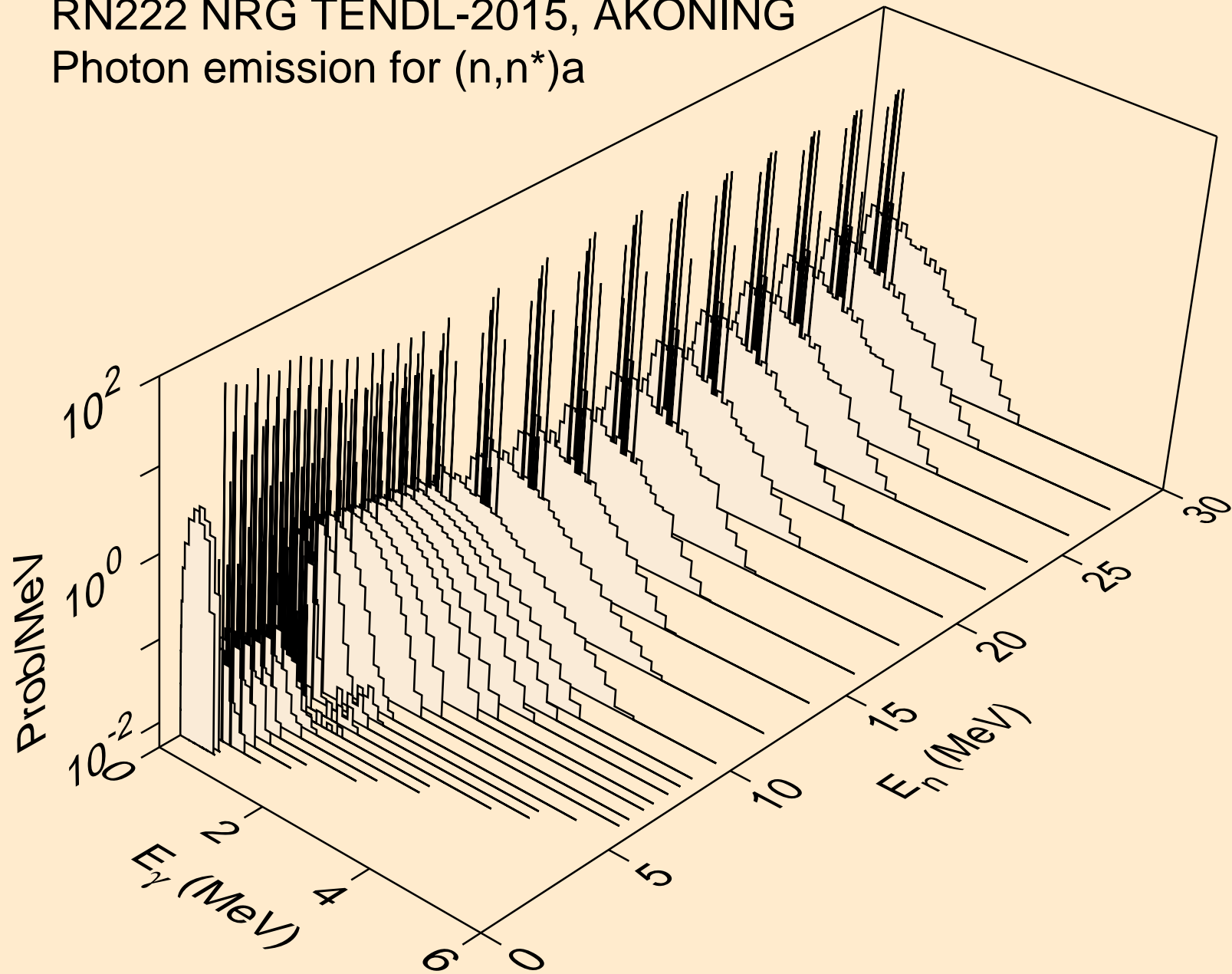




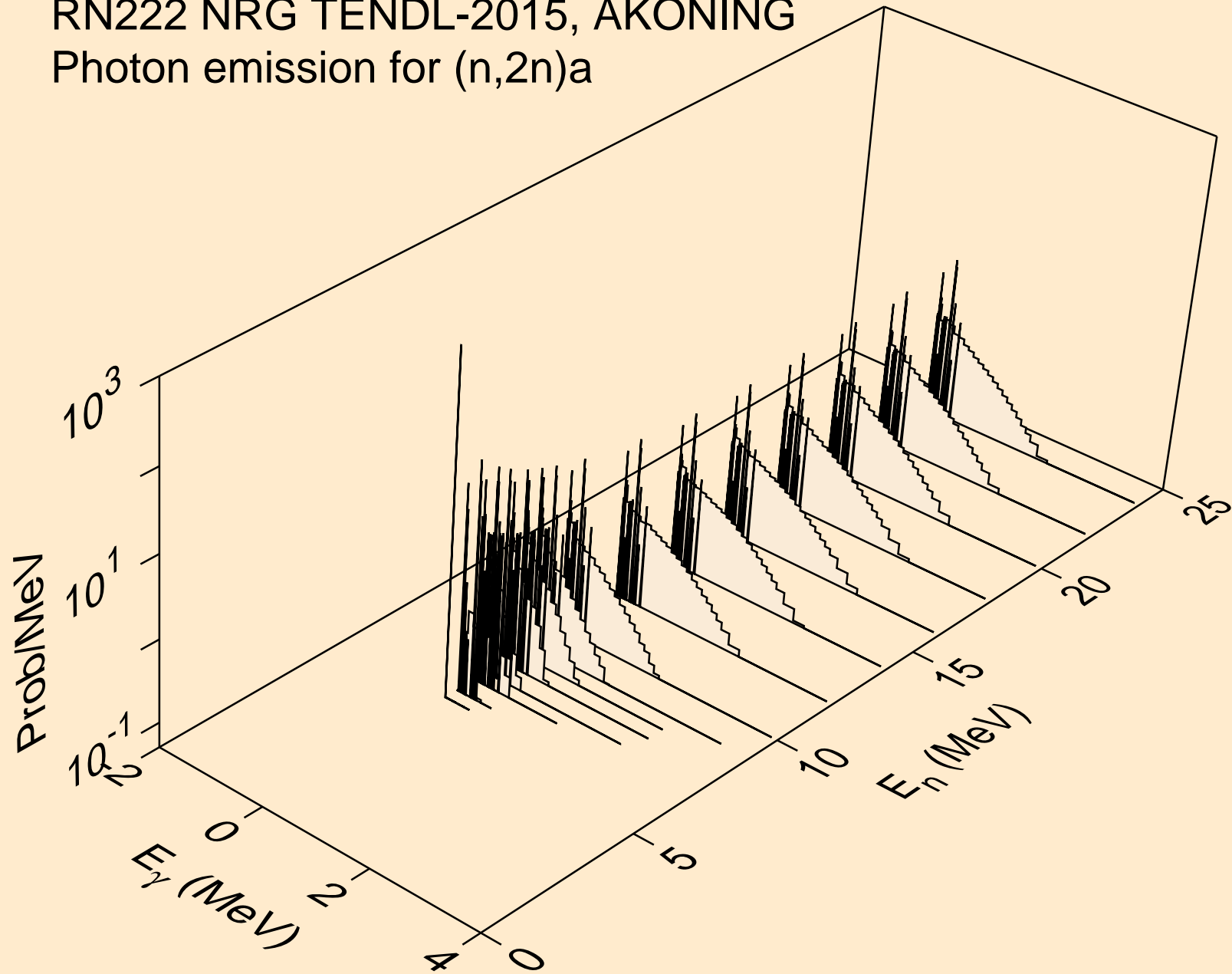
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



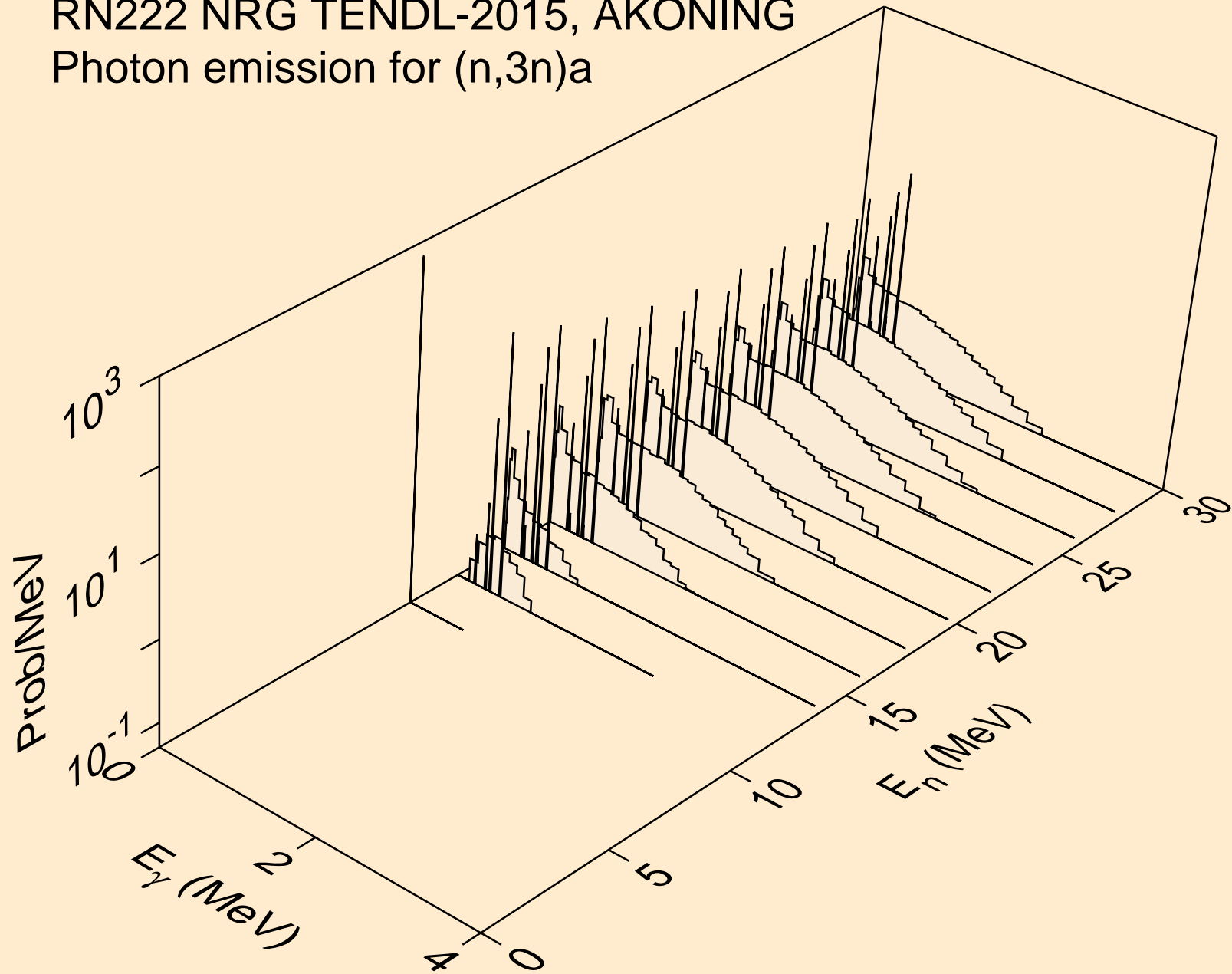
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



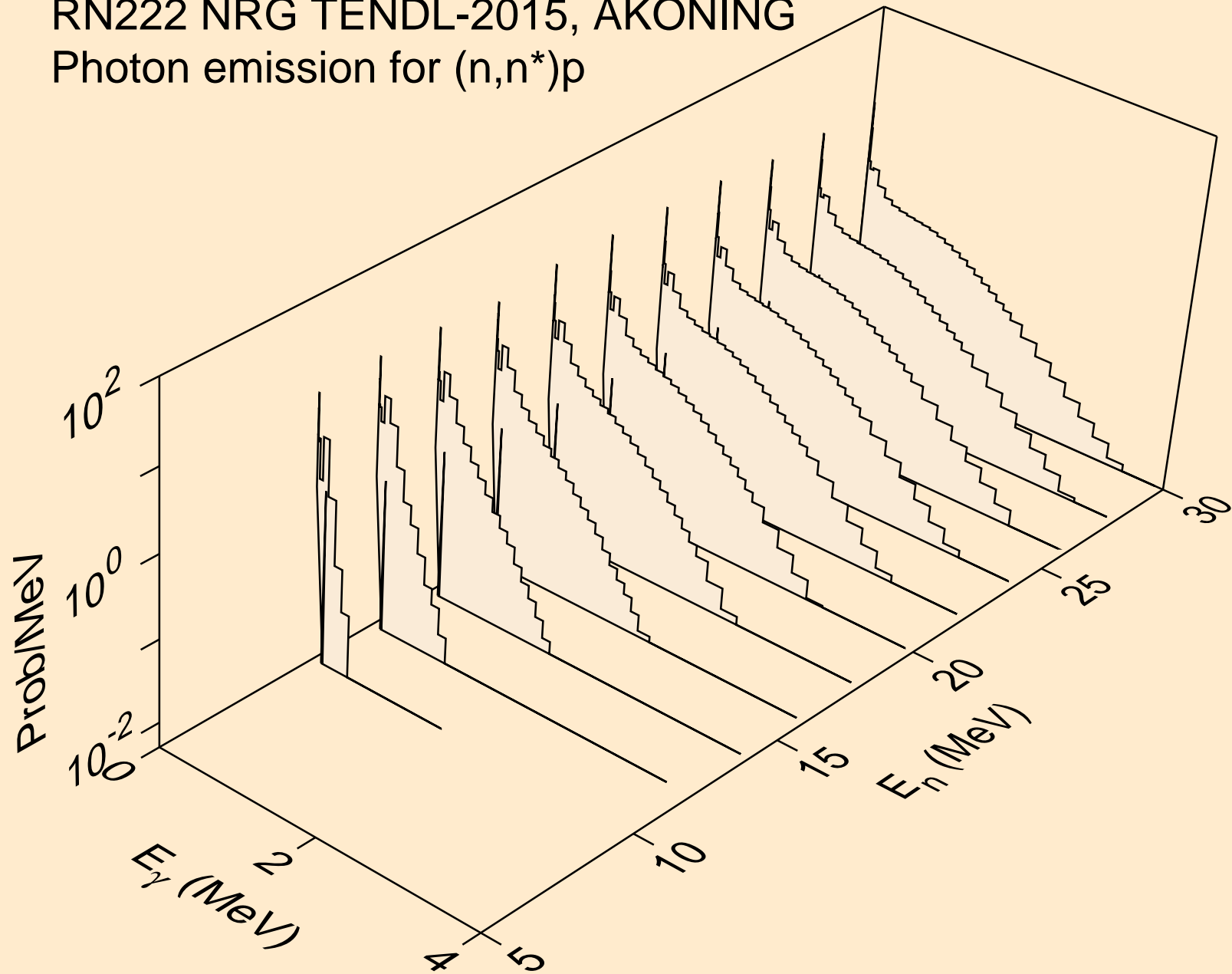
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



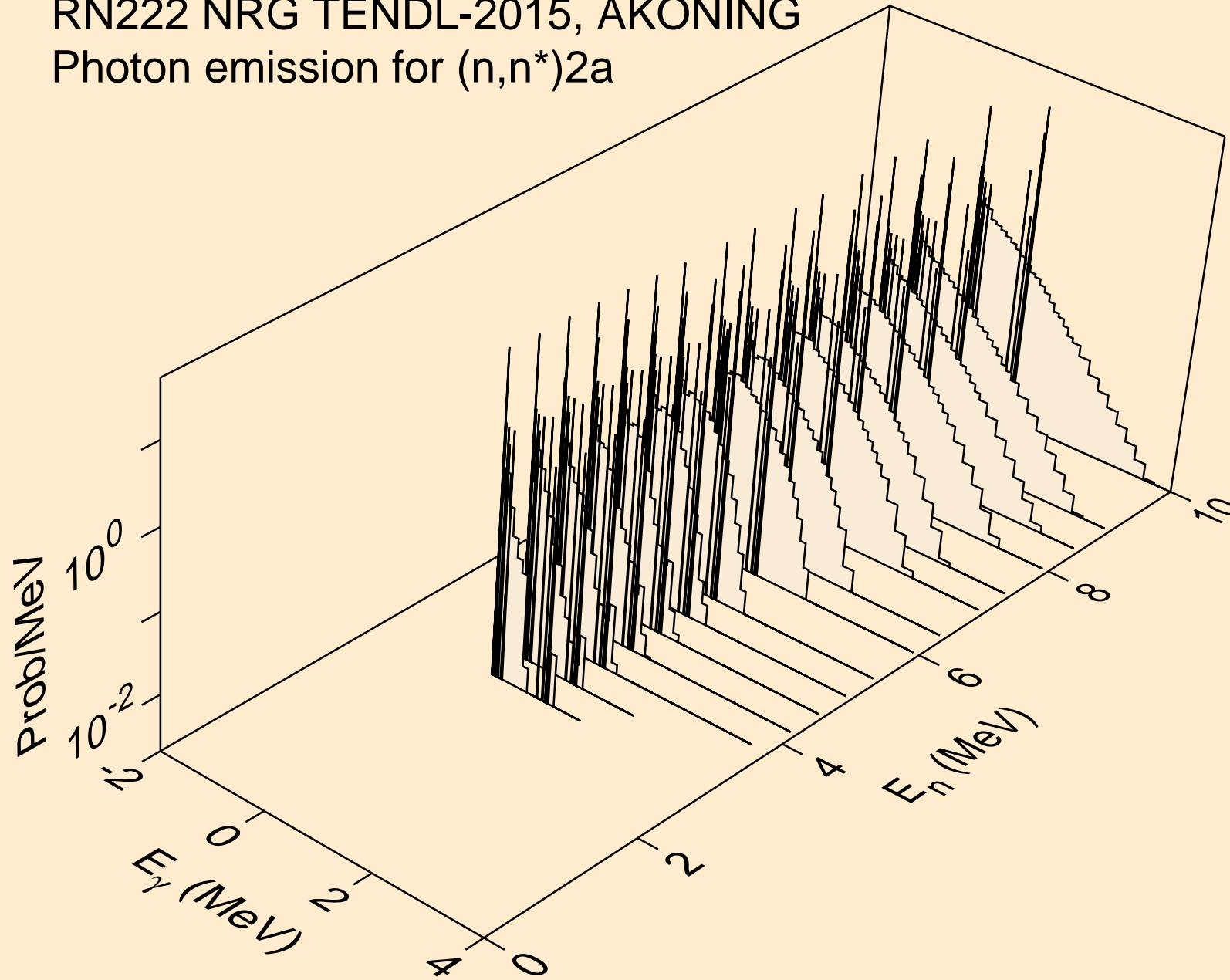
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



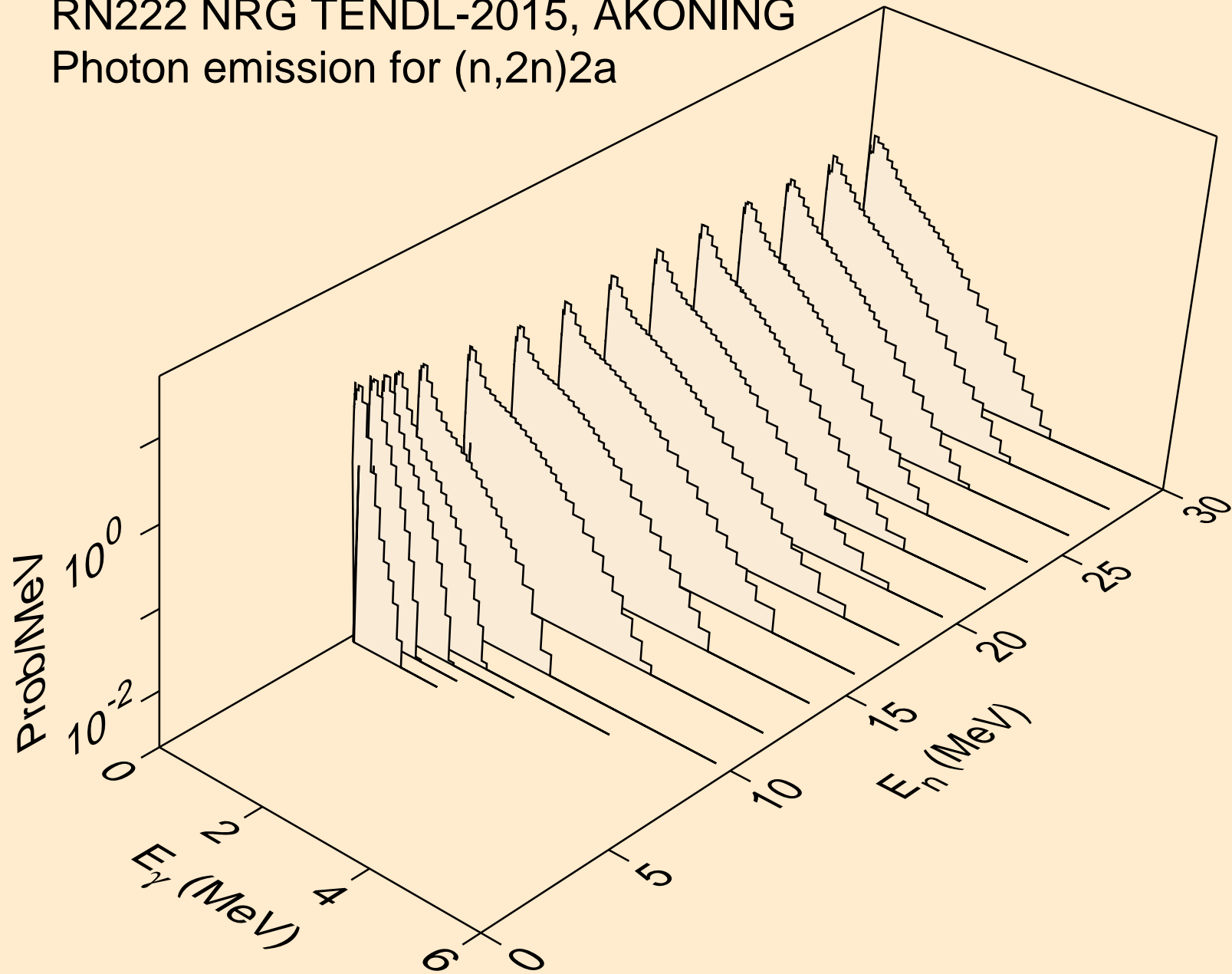
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



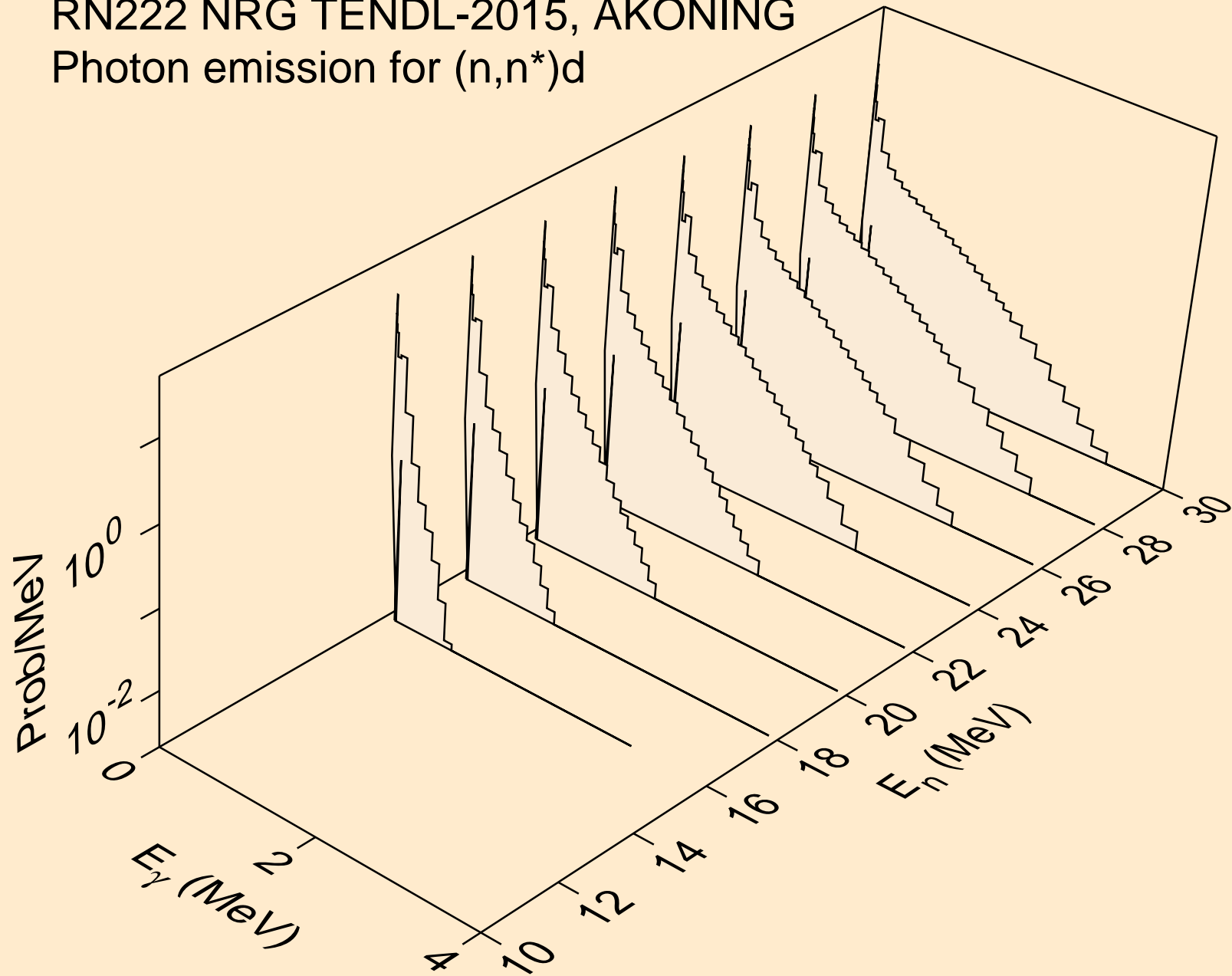
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

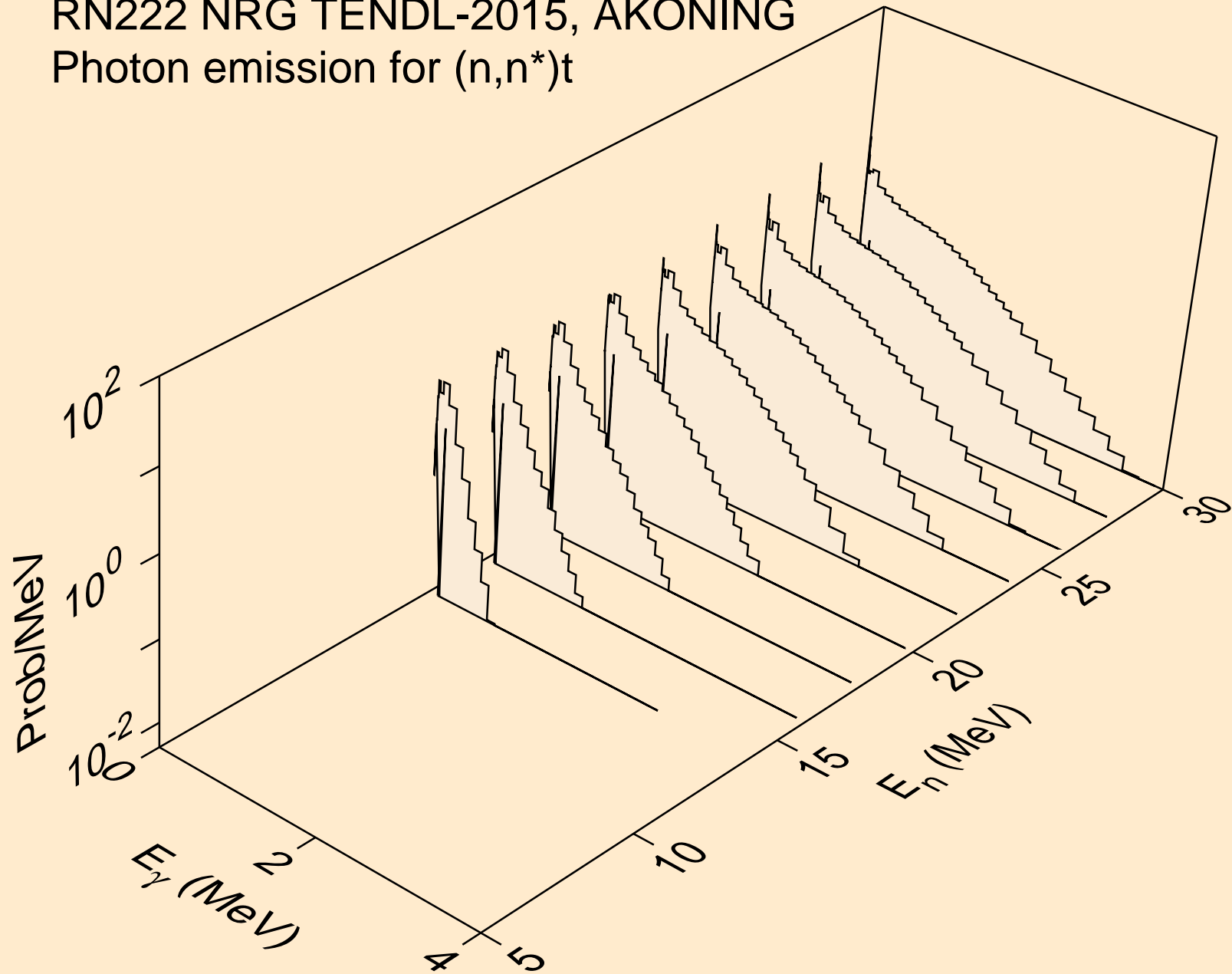


RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

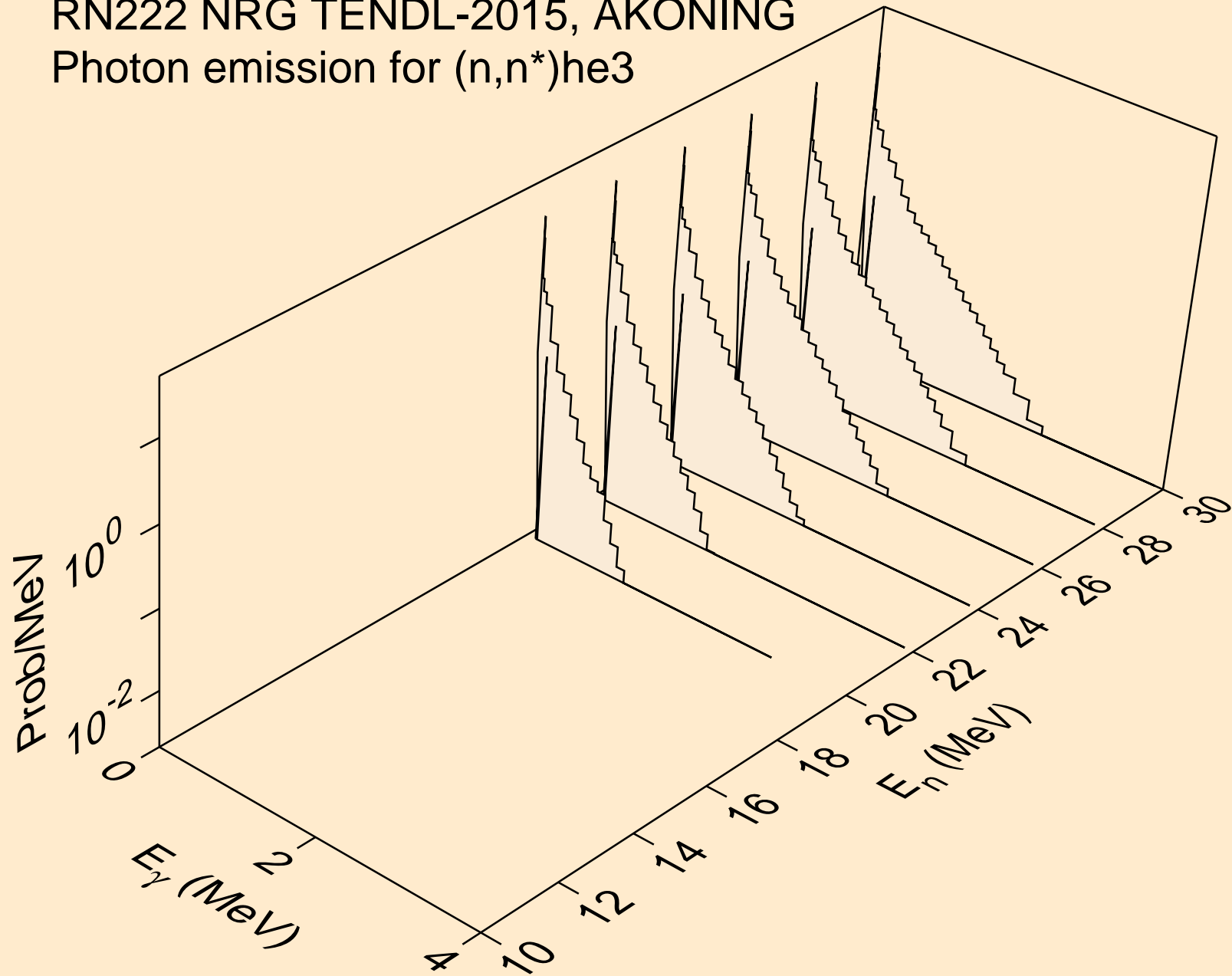




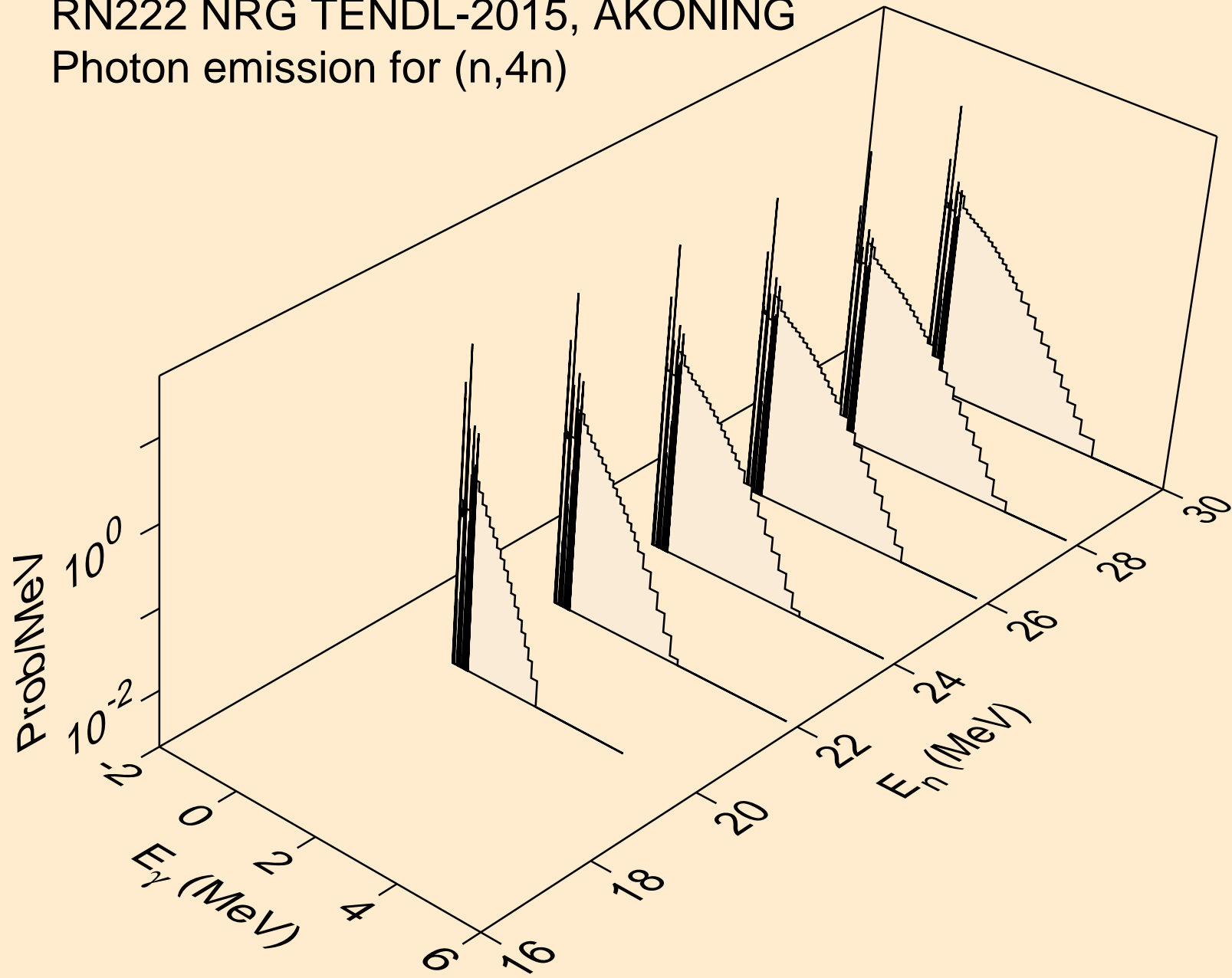
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



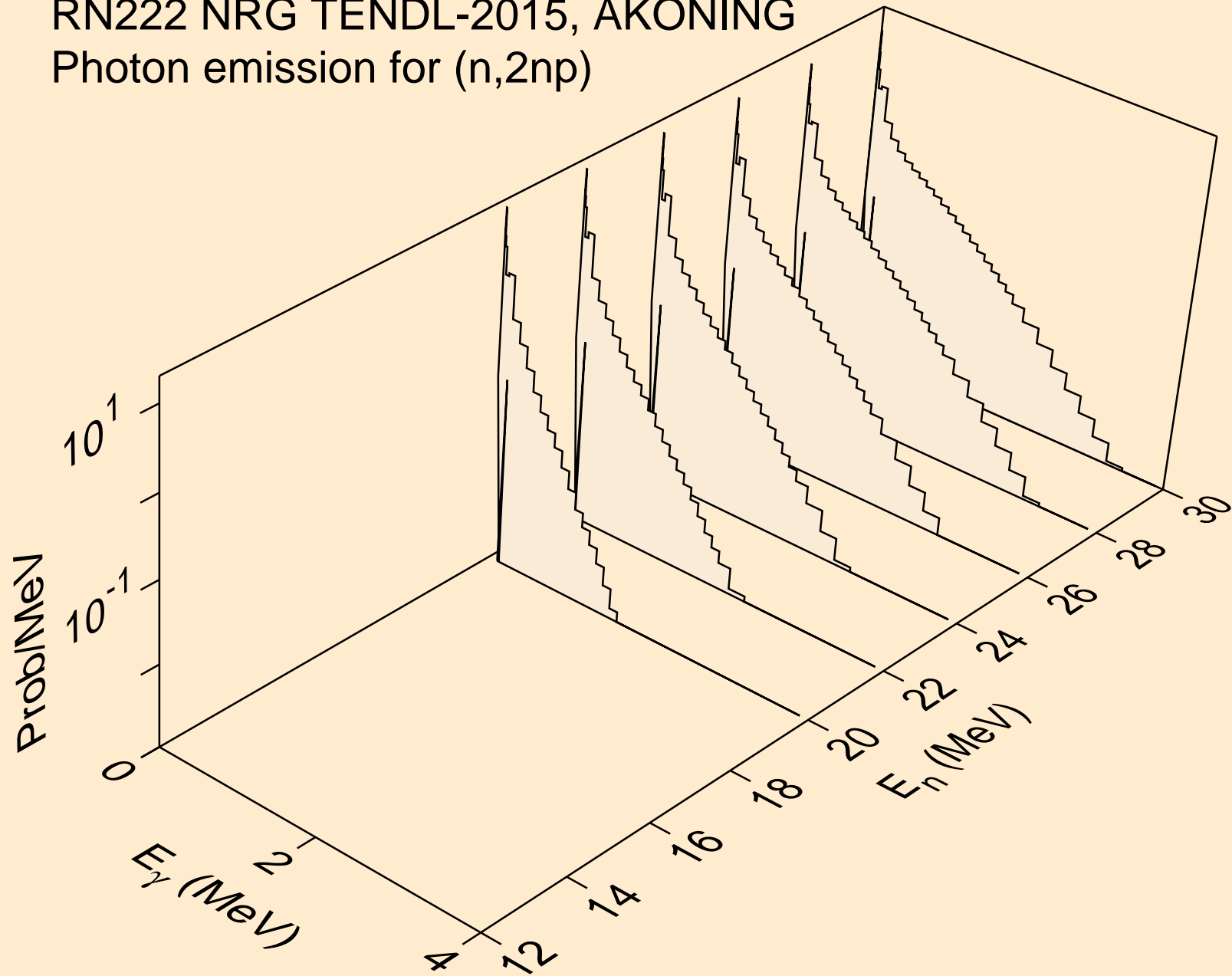
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



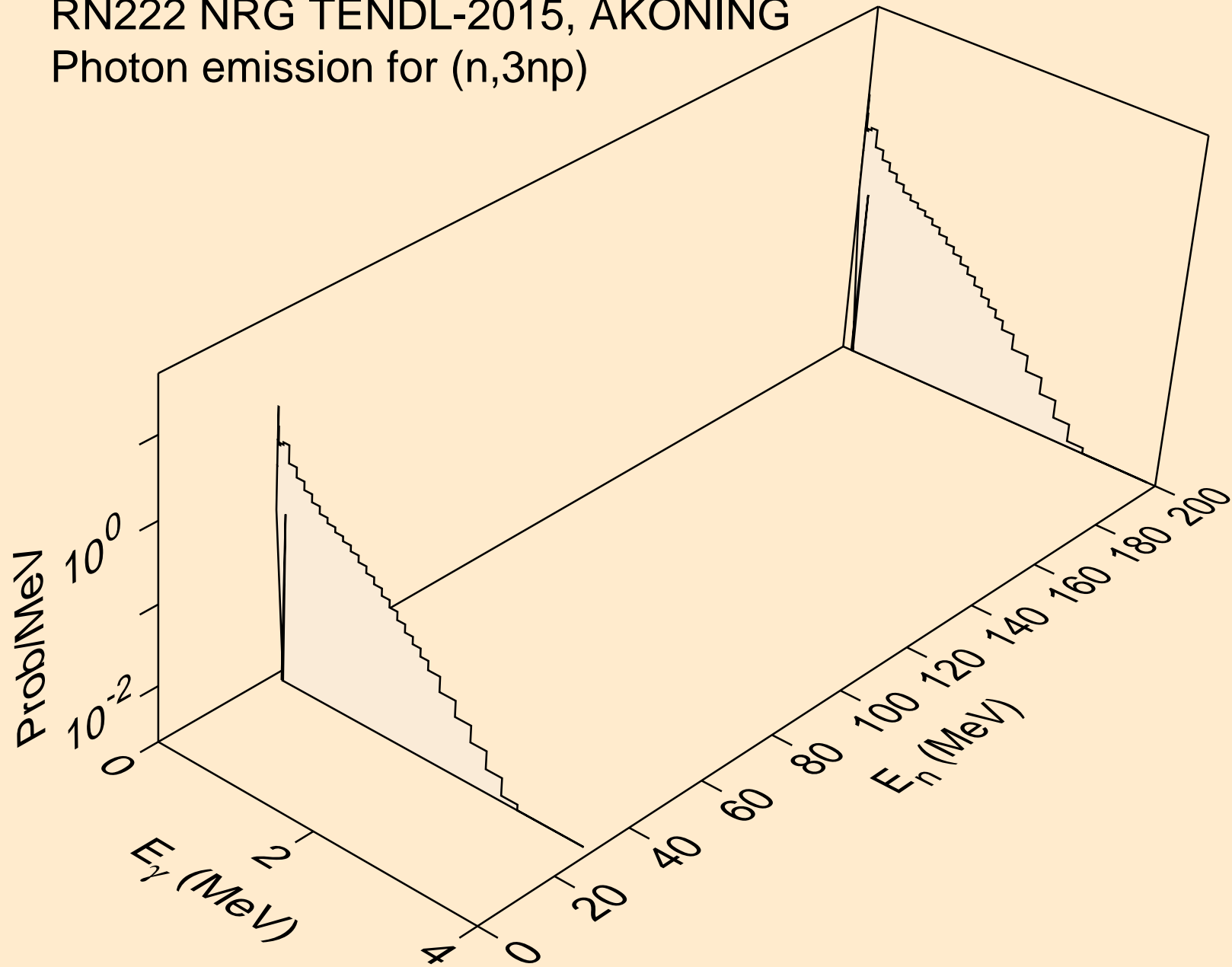
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



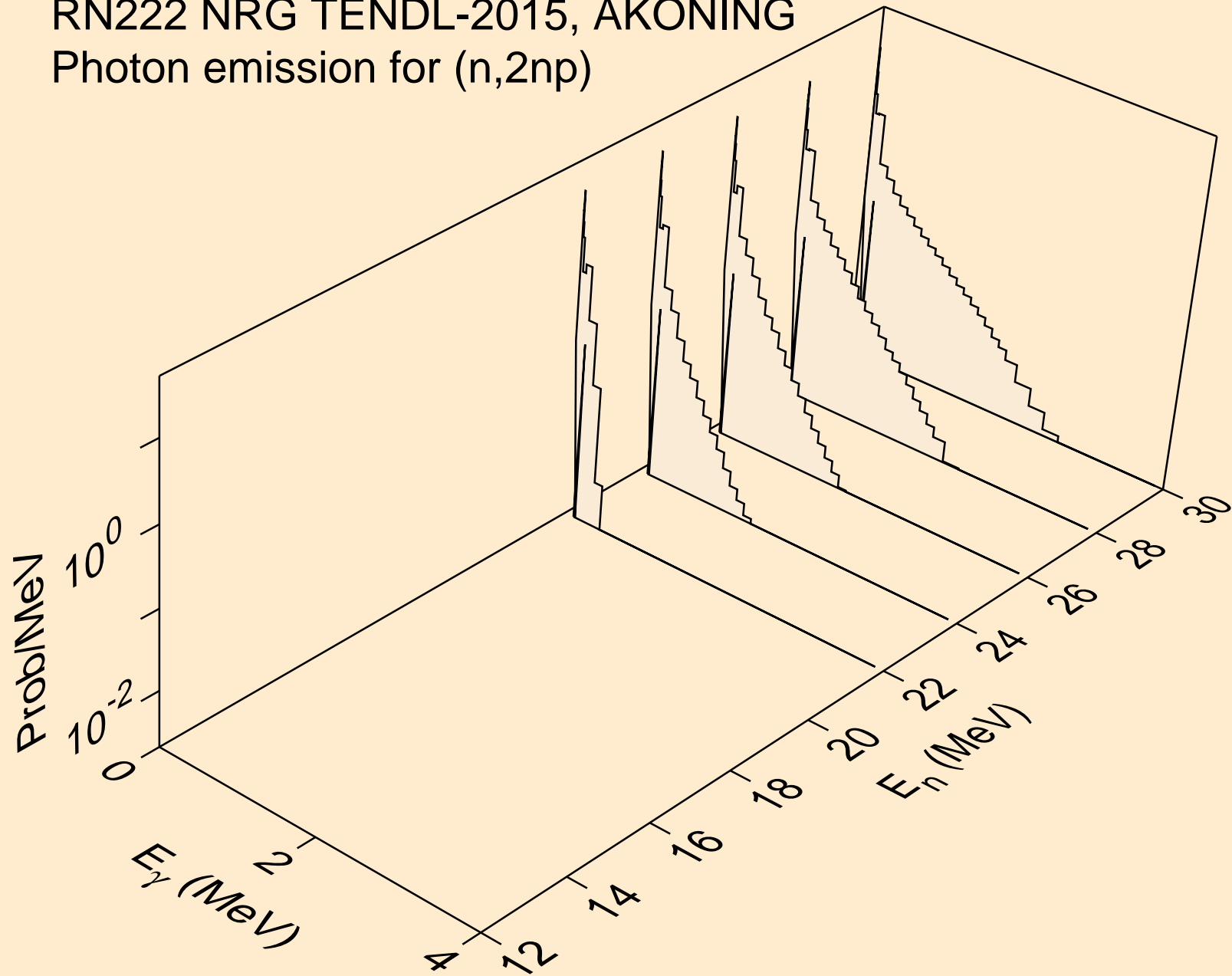
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



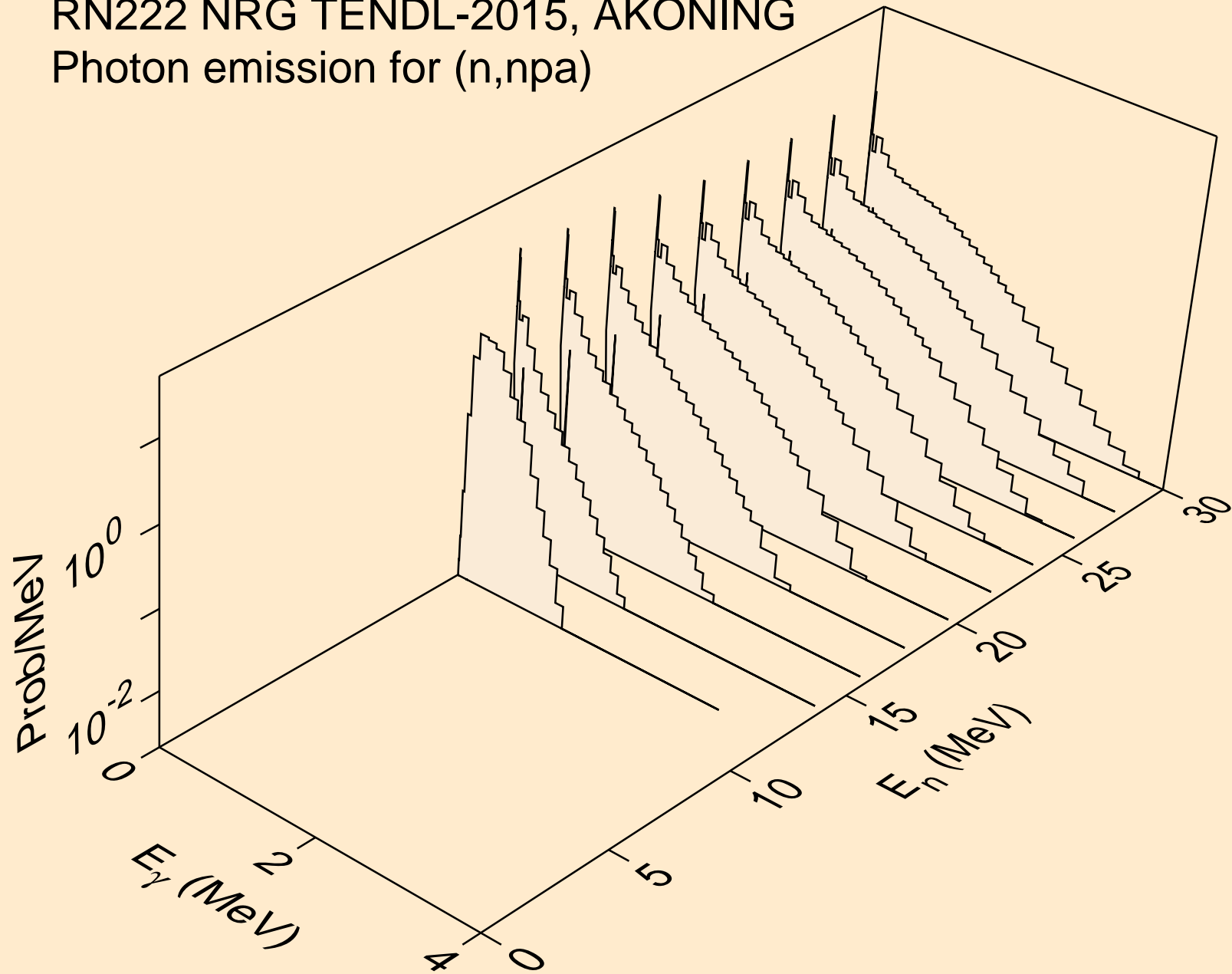
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



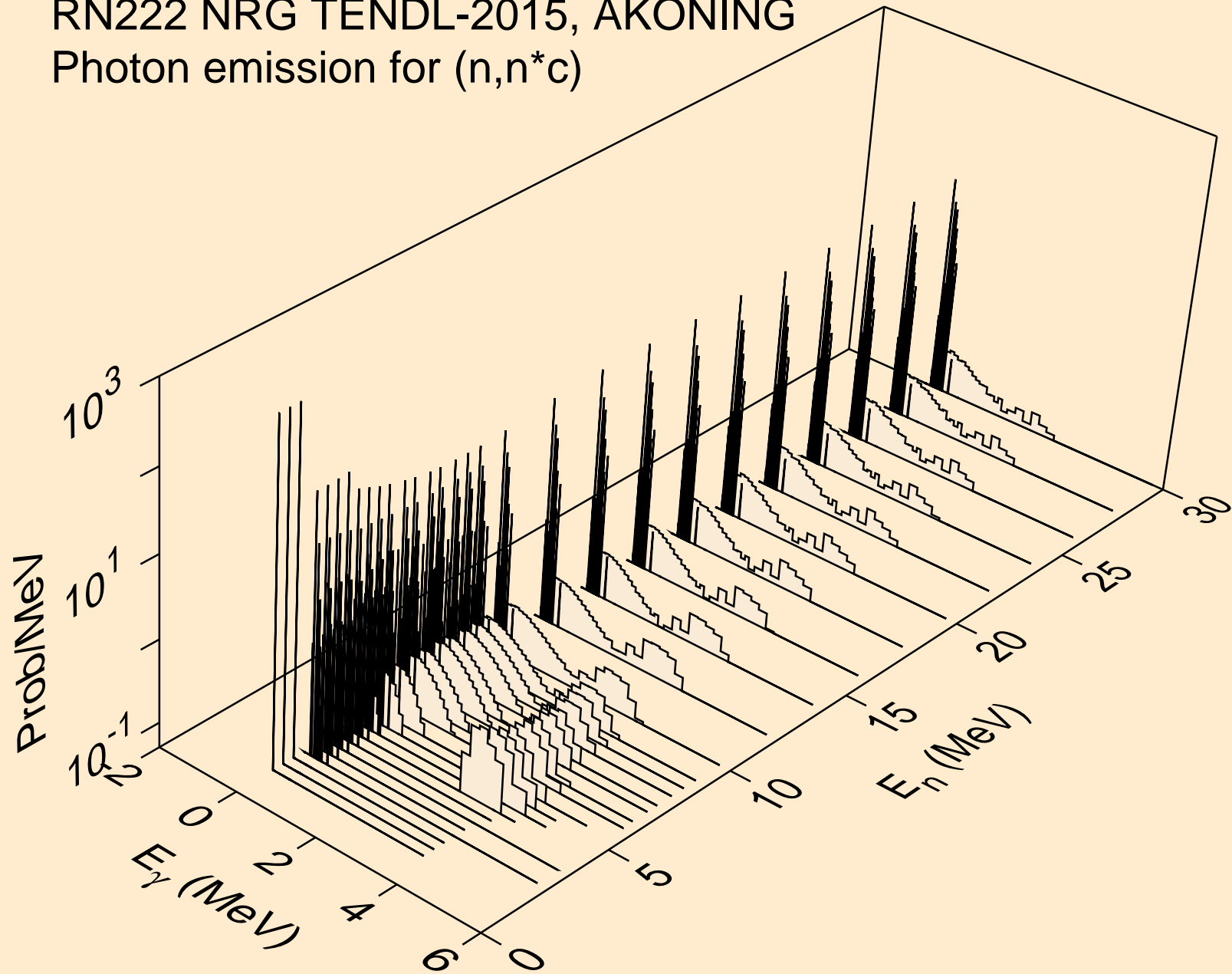
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

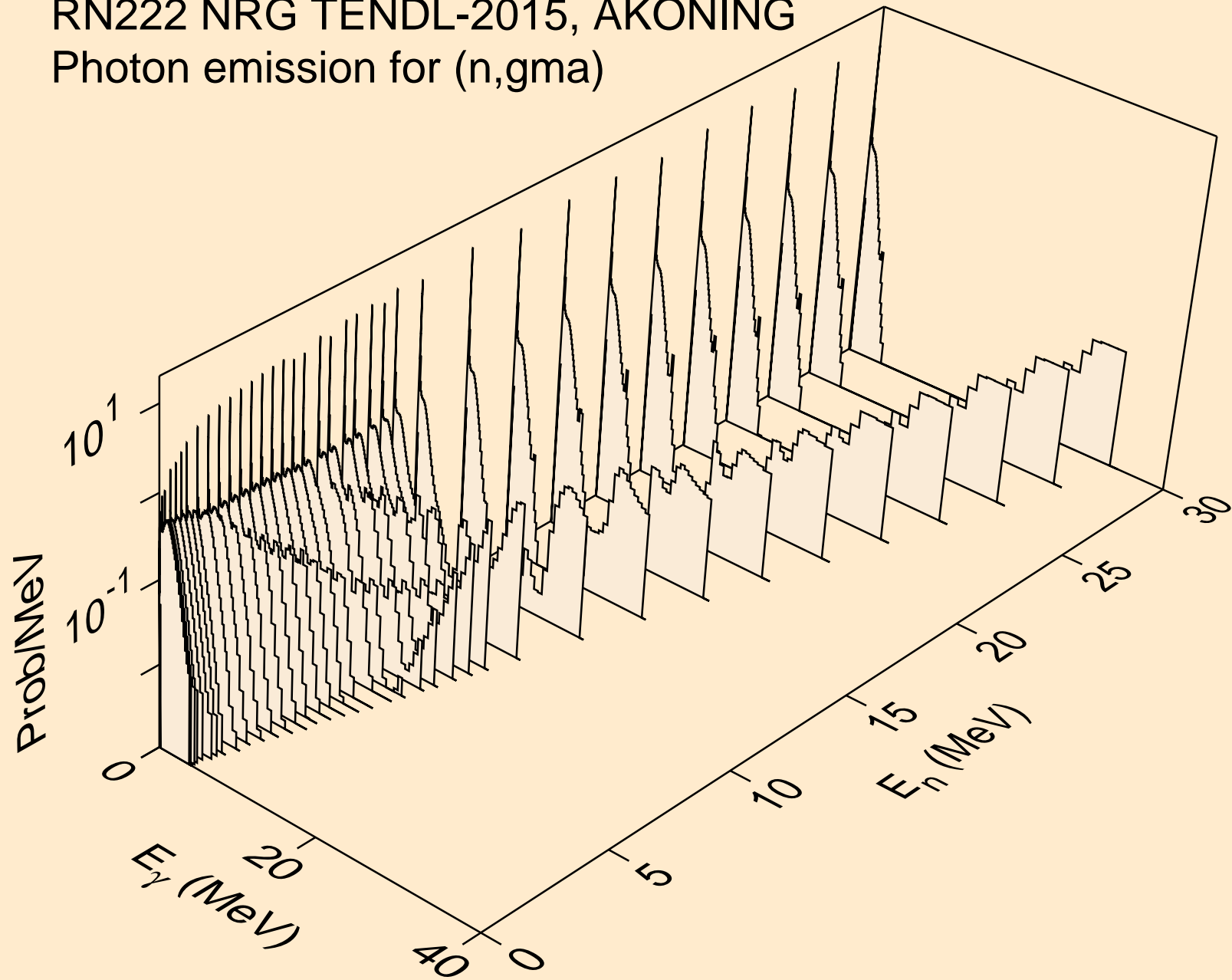


RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

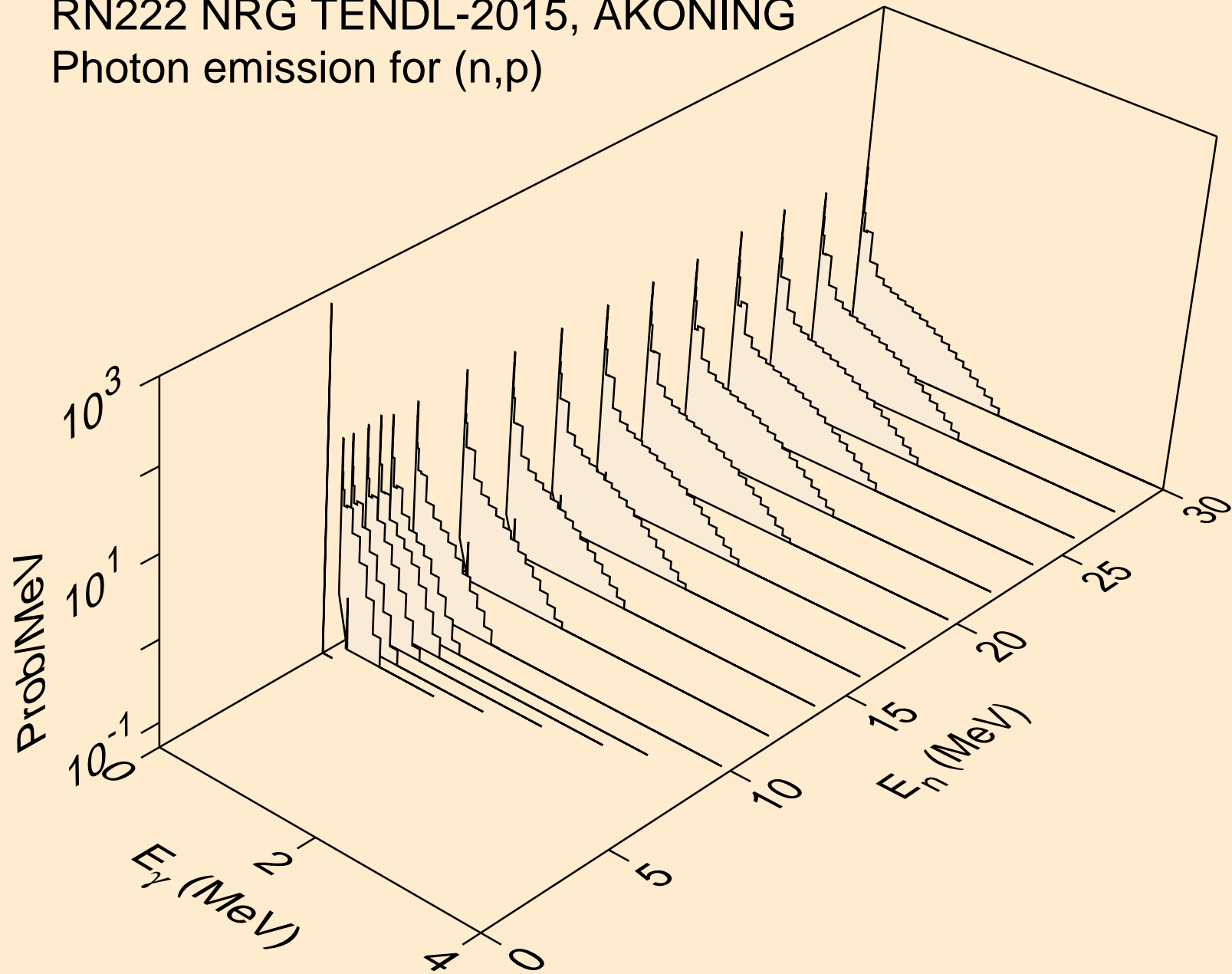




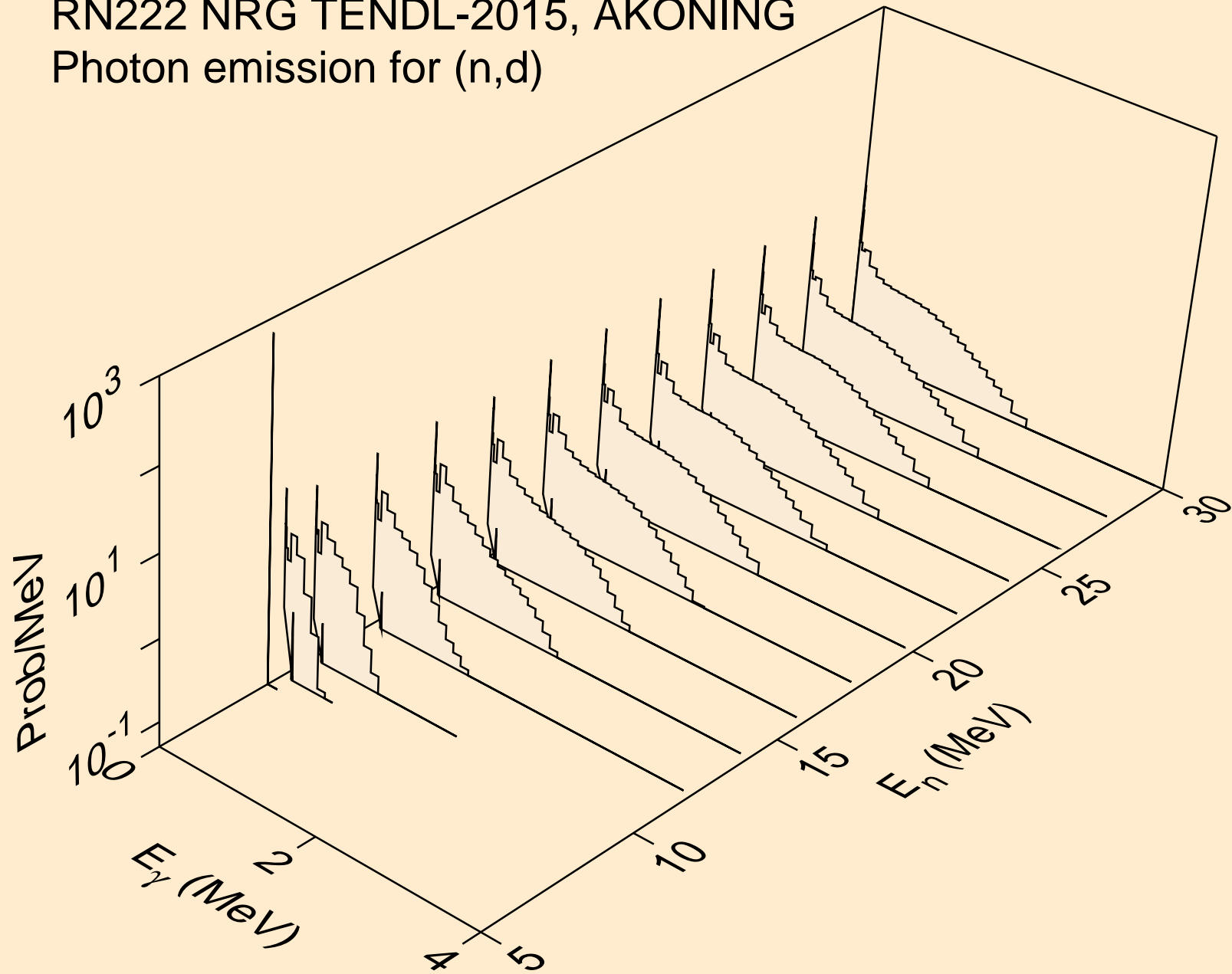
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



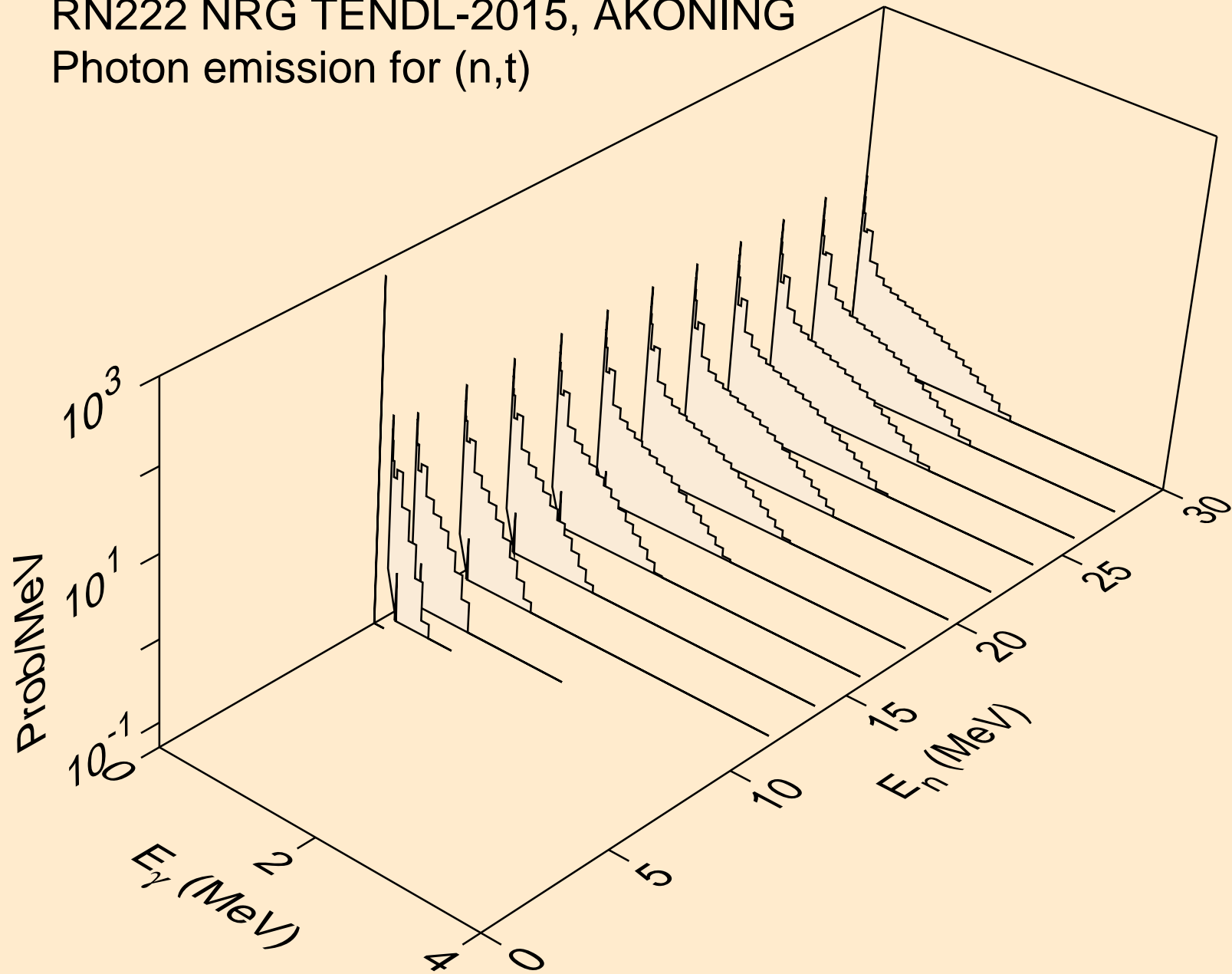
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



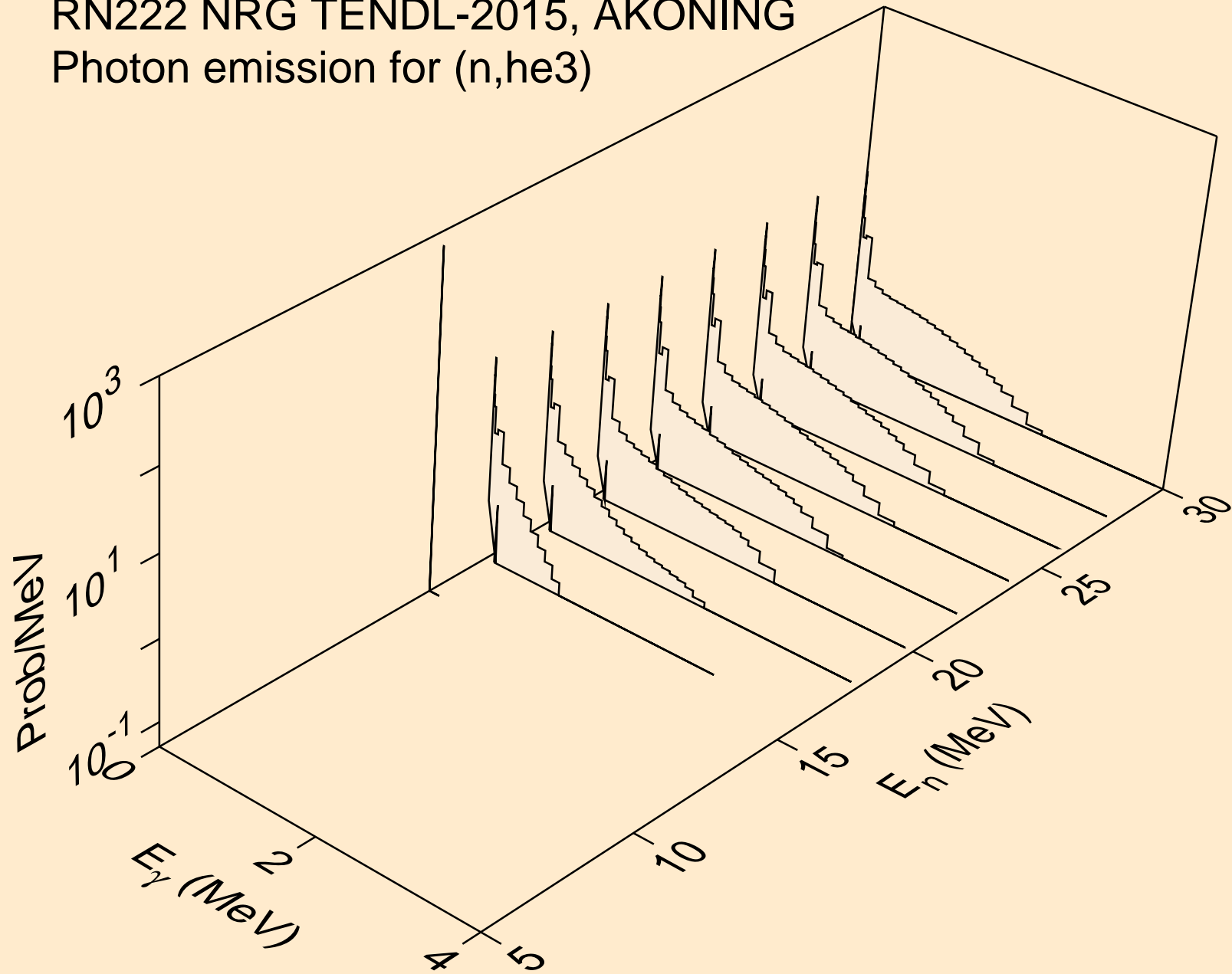
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



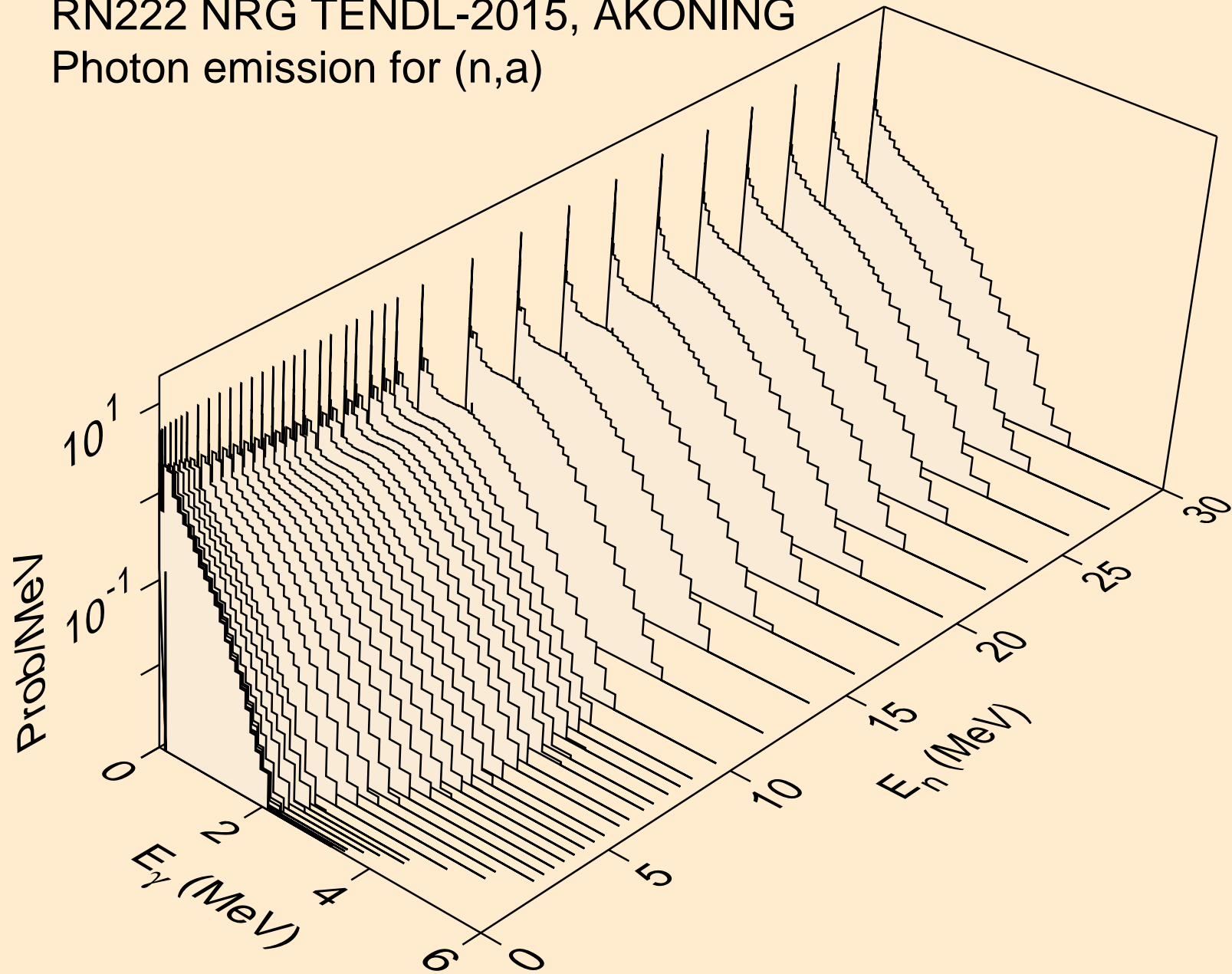
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



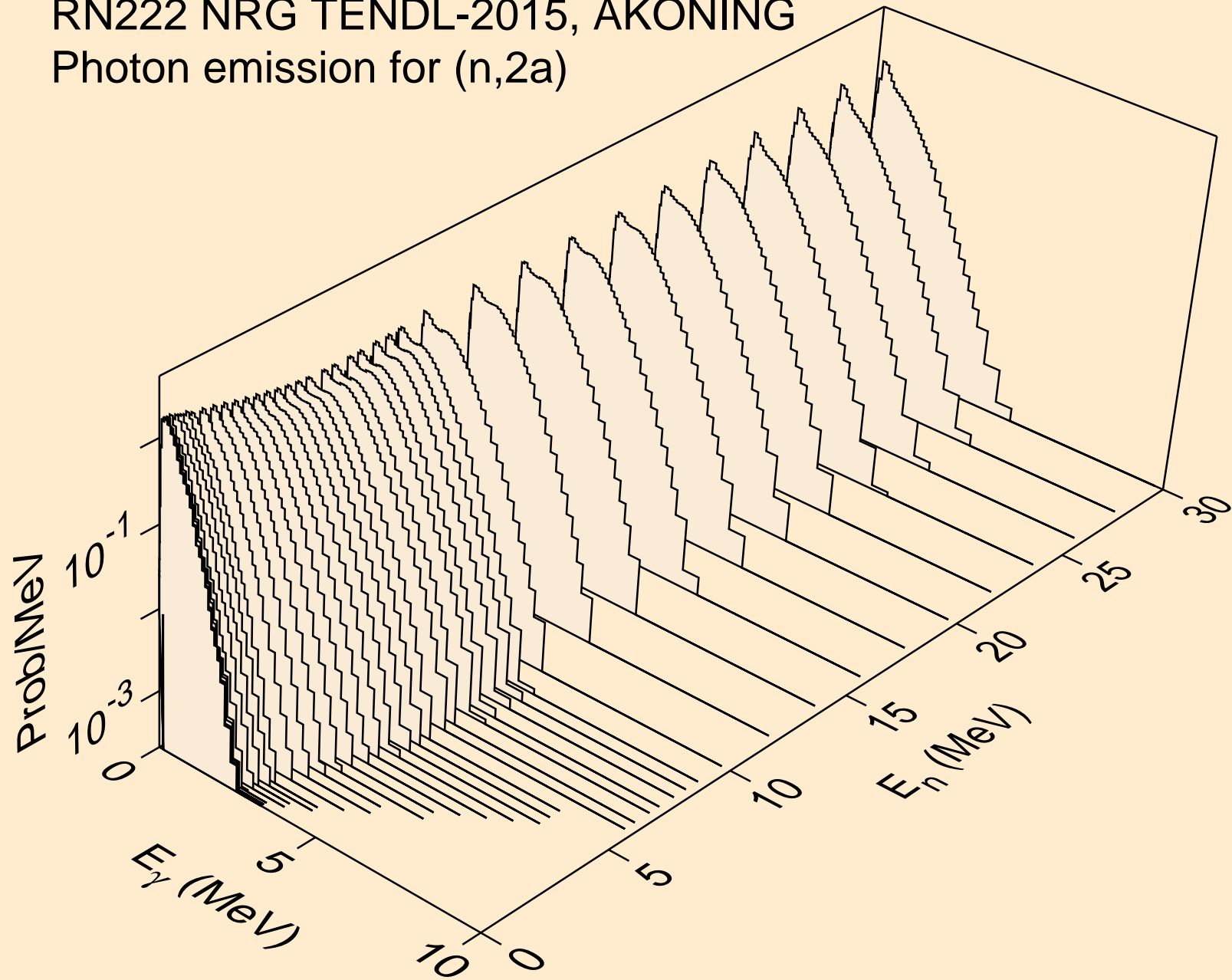
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



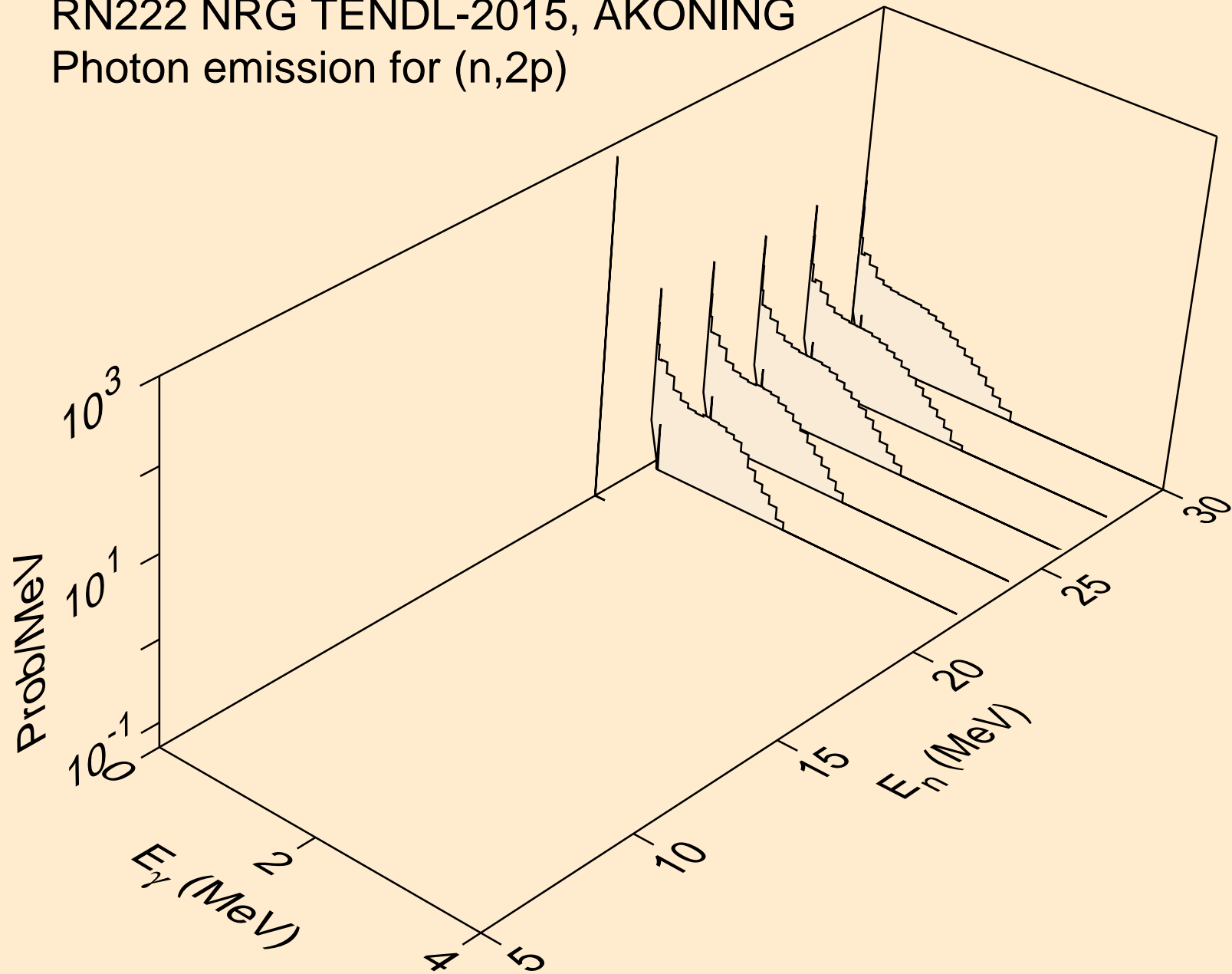
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

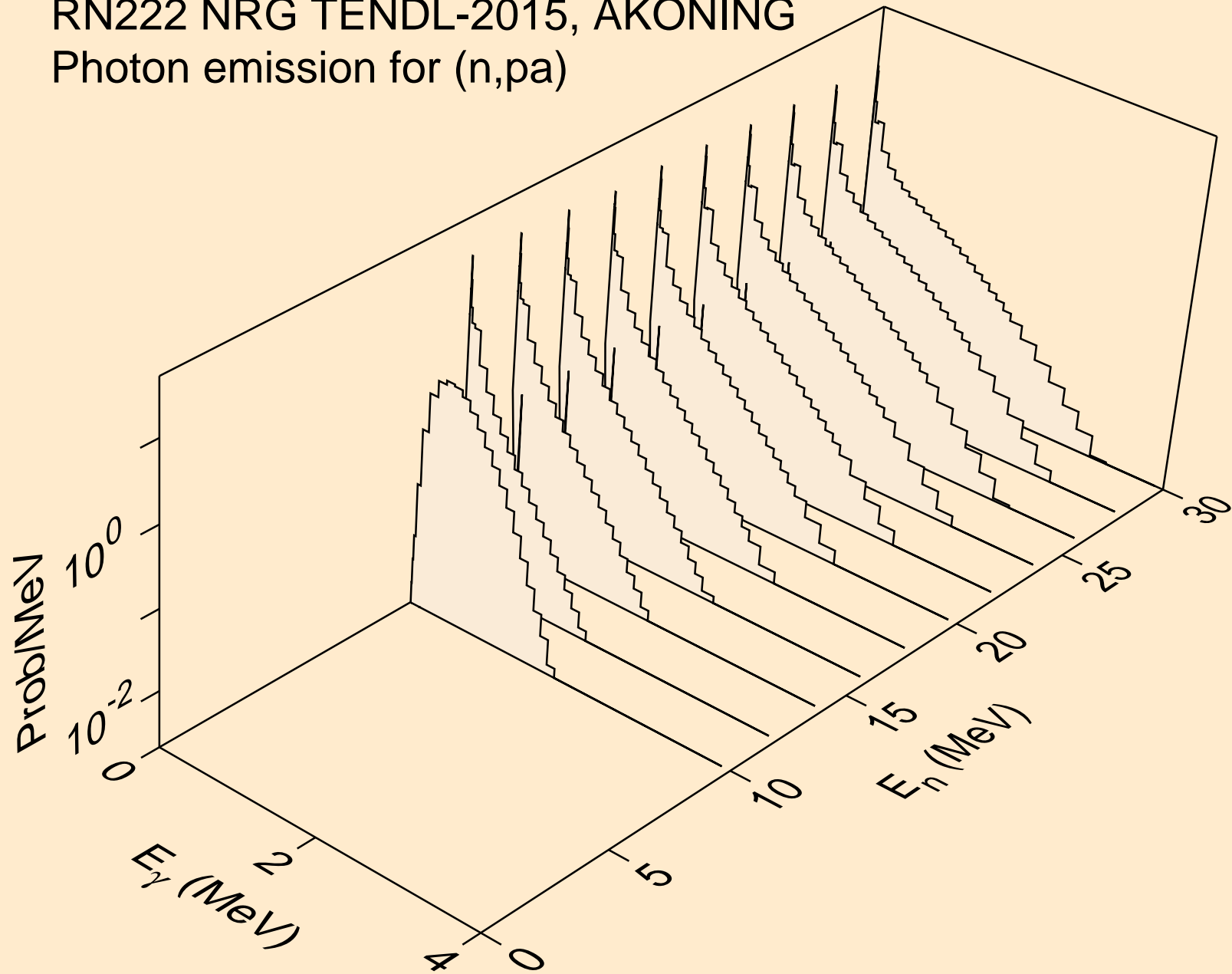


RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

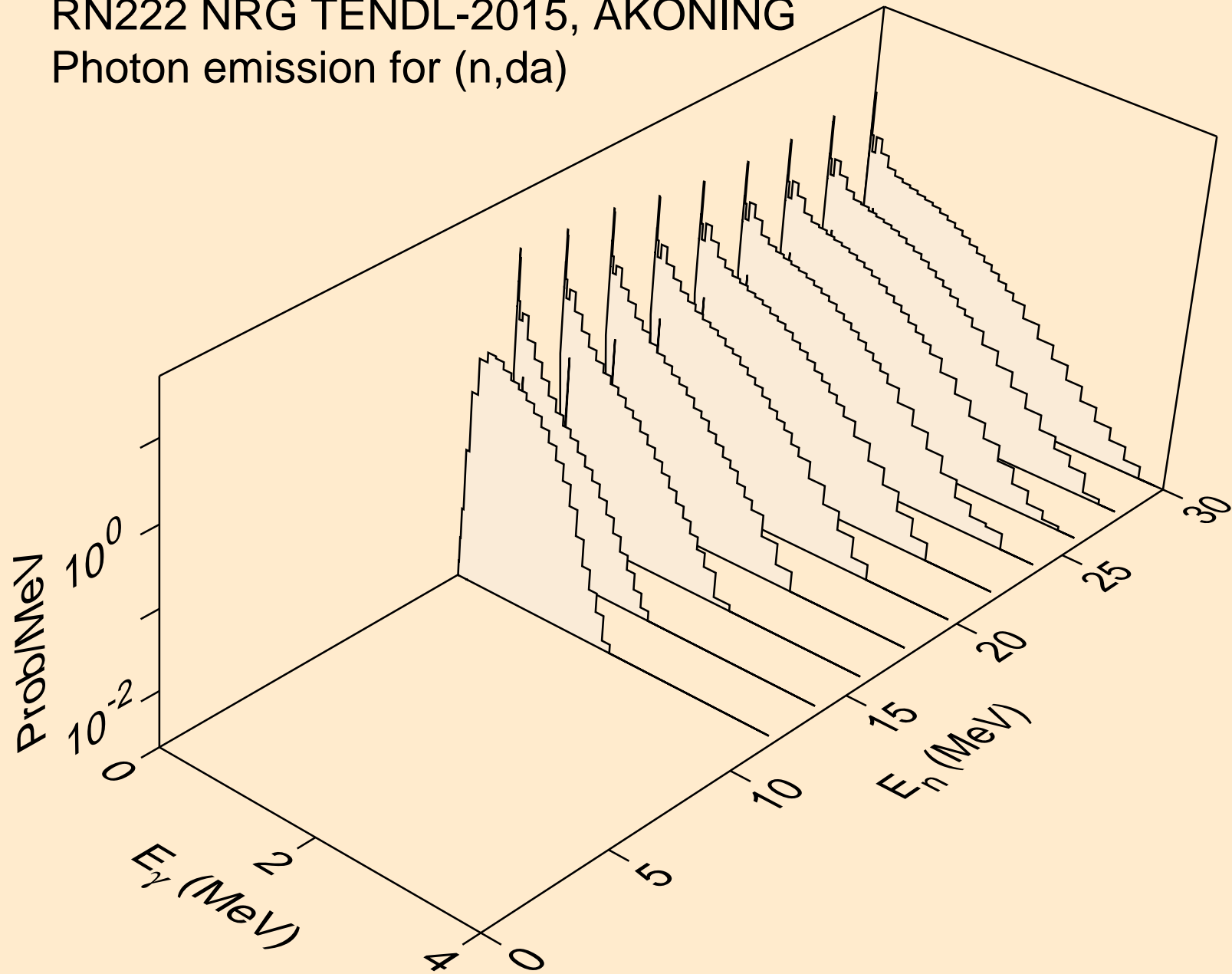




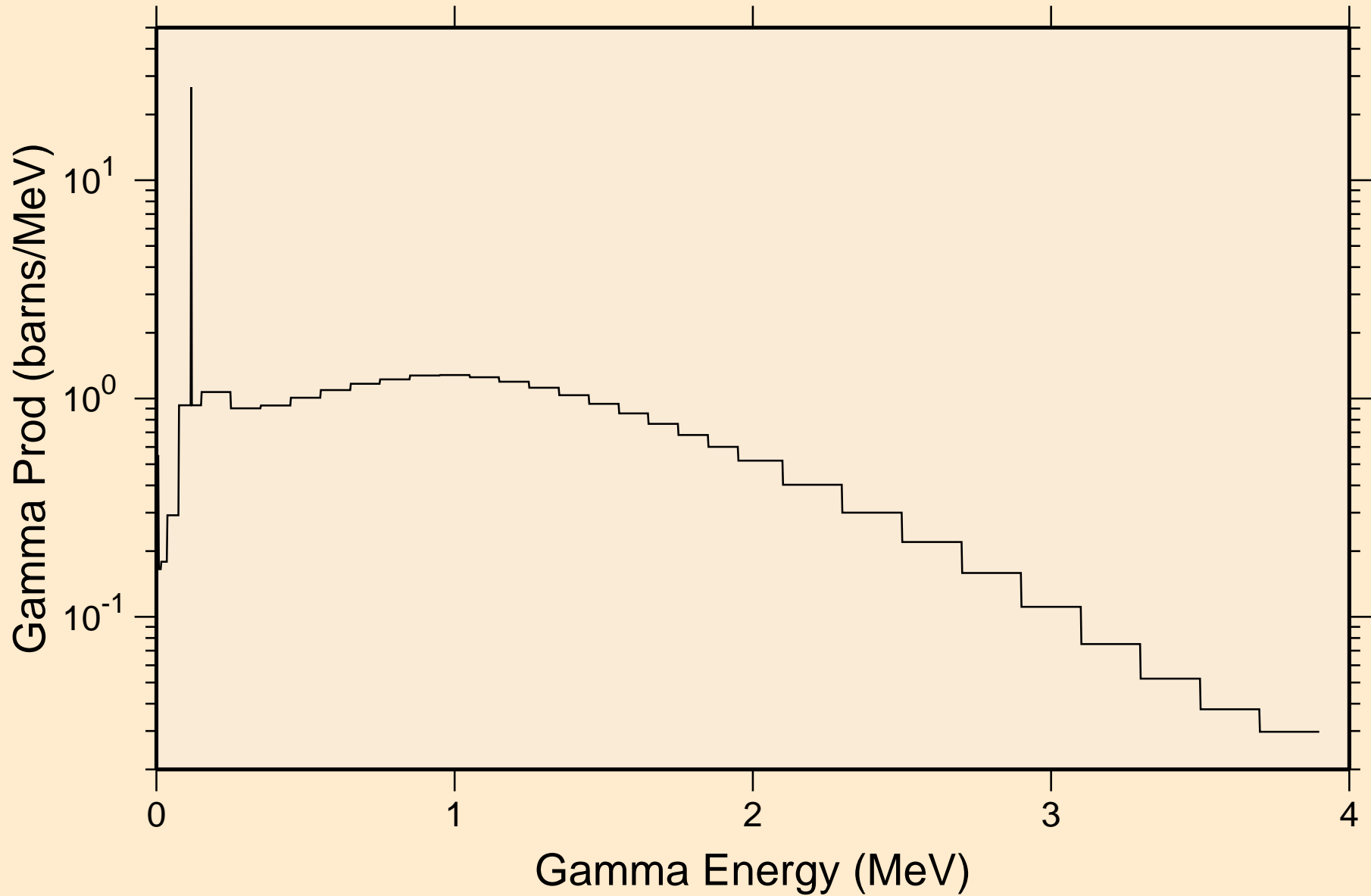
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



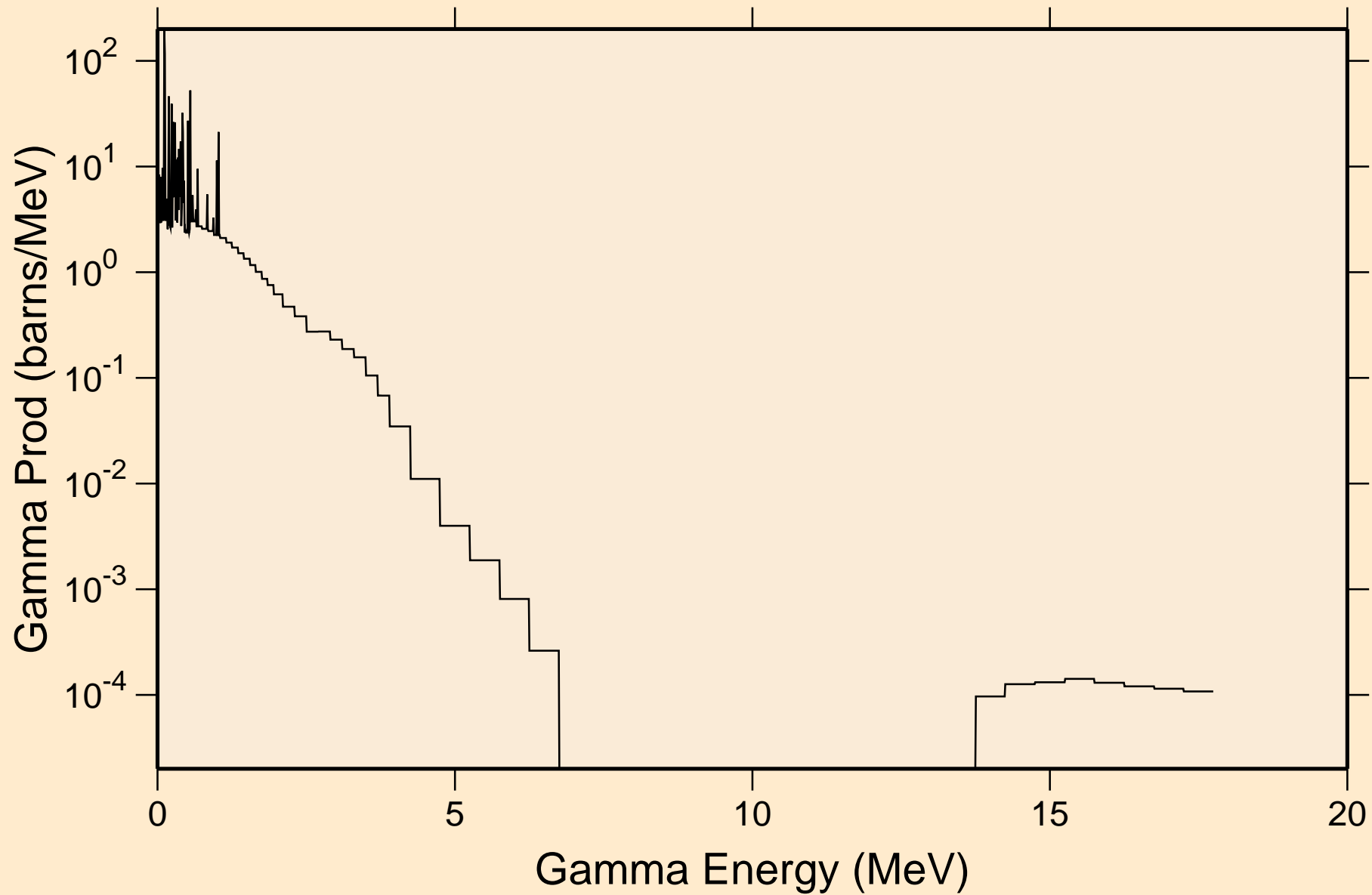
RN222 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



RN222 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

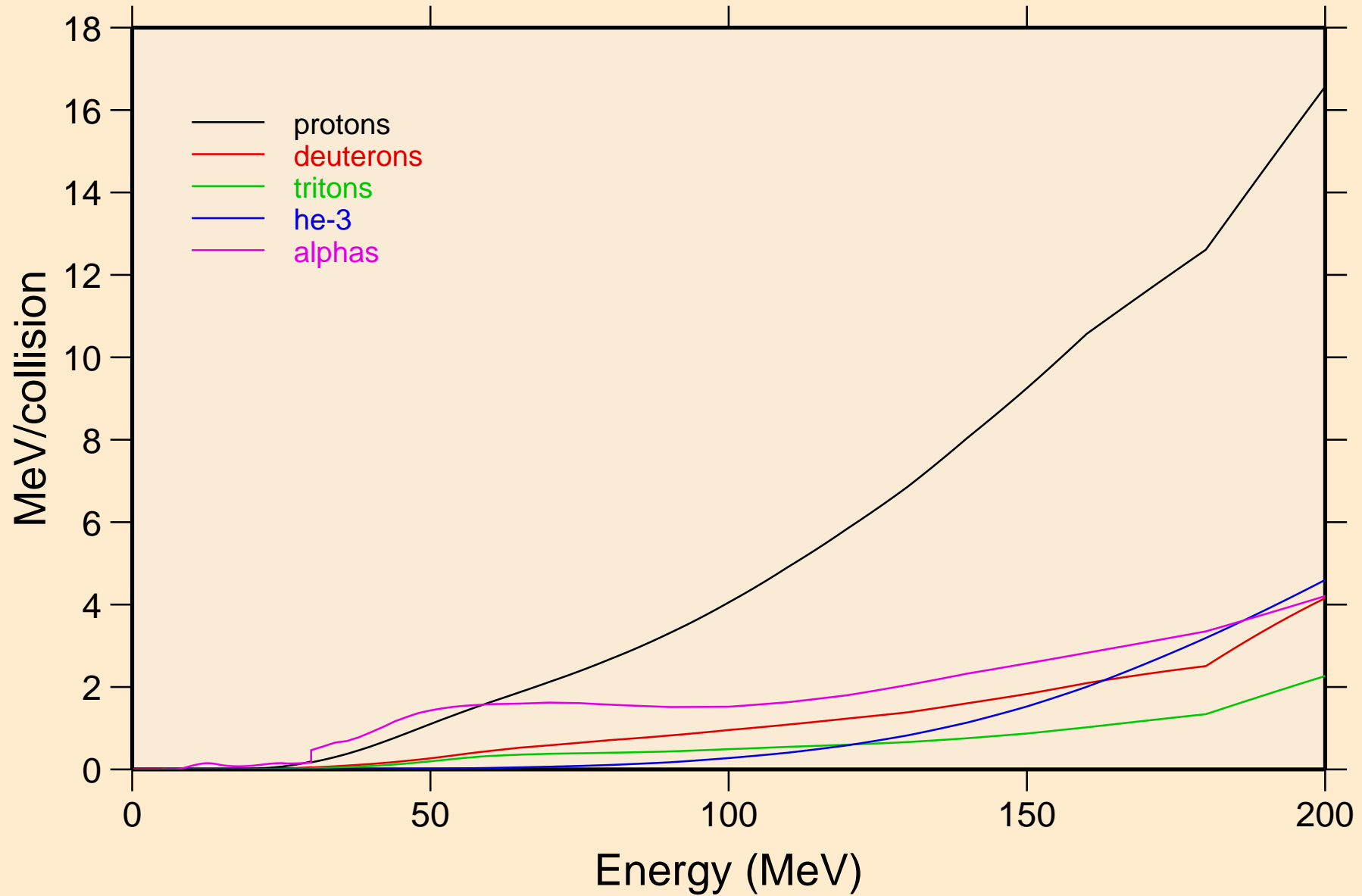


RN222 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



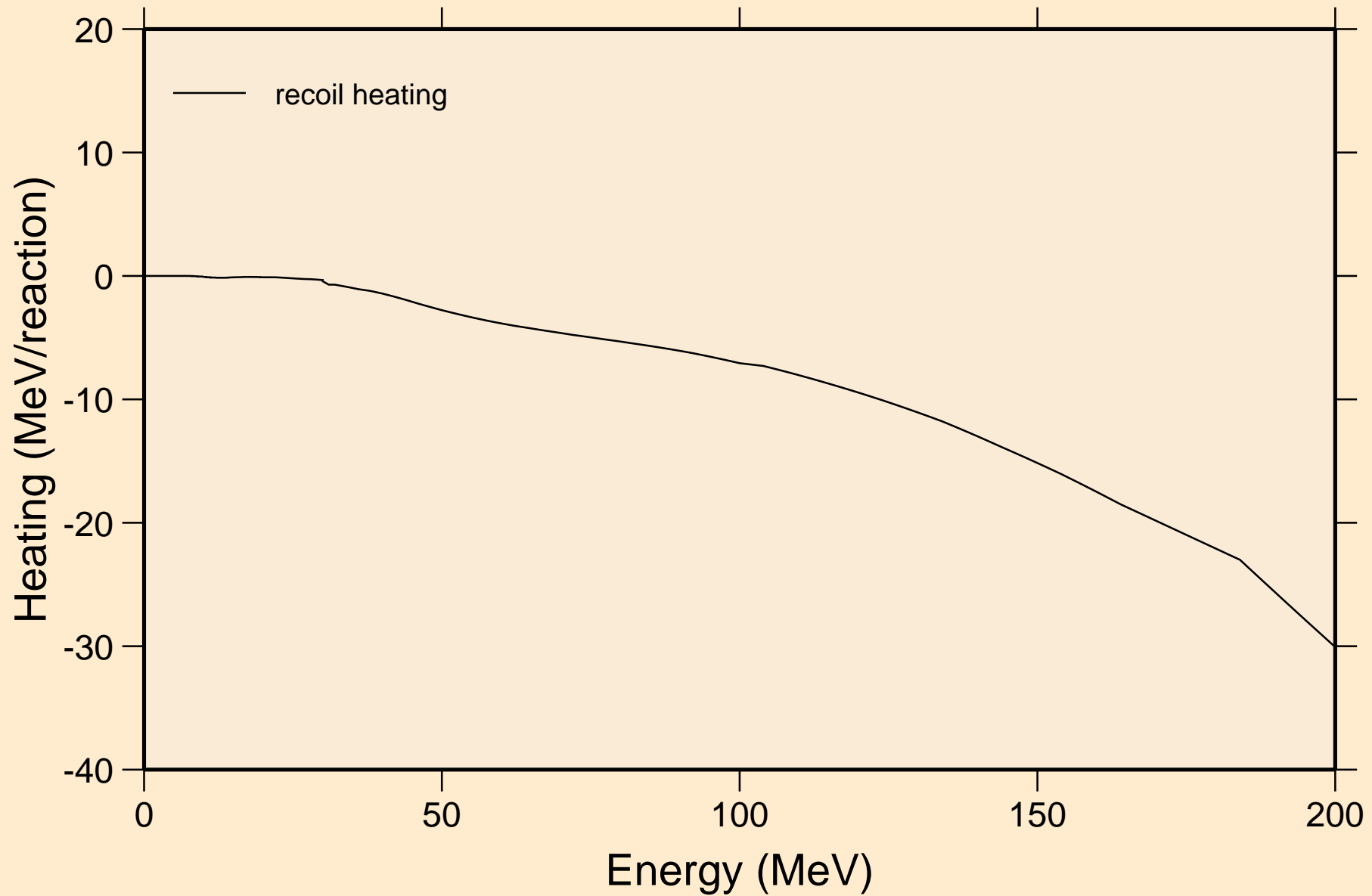
# RN222 NRG TENDL-2015, AKONING

## Particle heating contributions



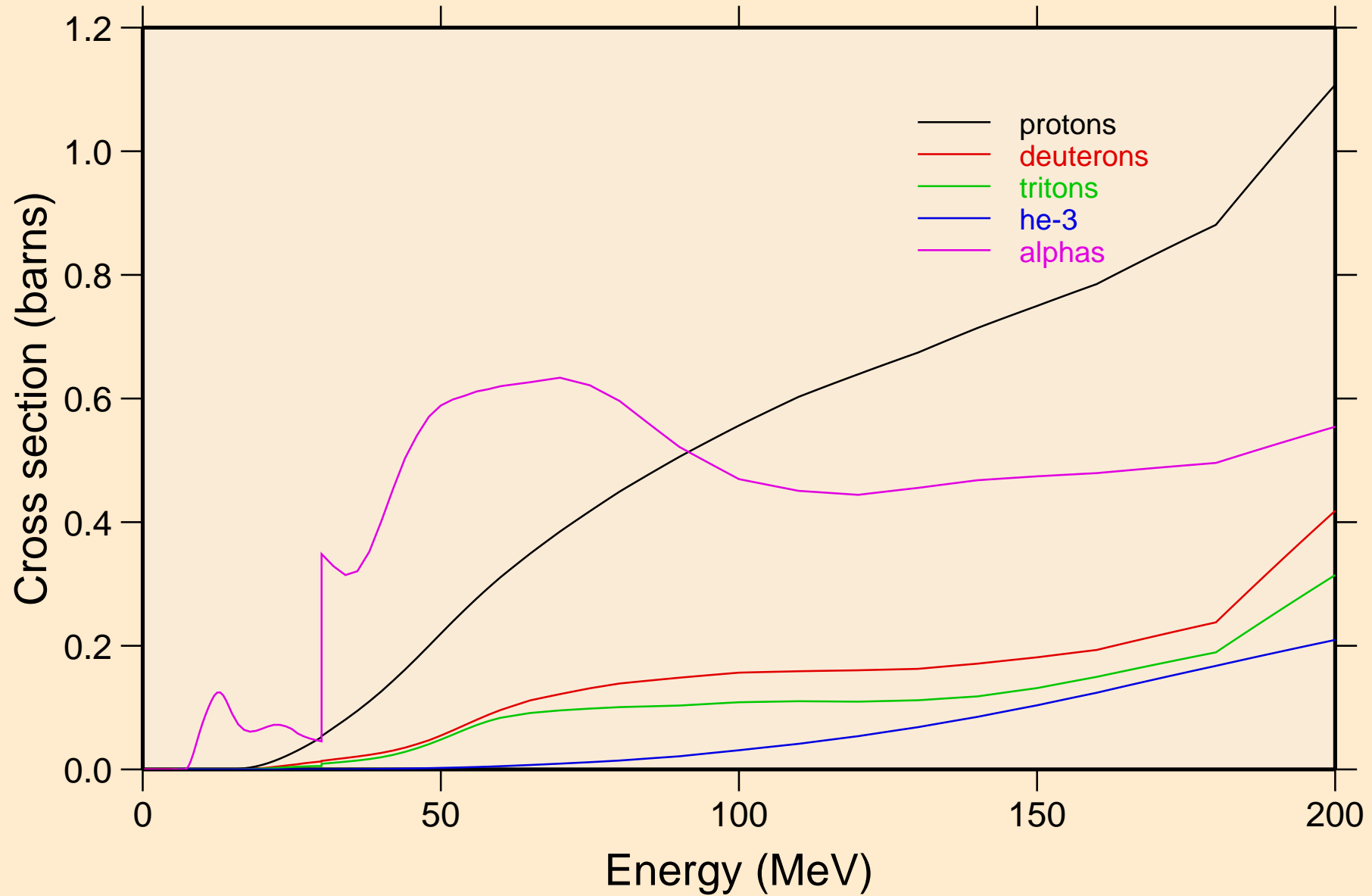
# RN222 NRG TENDL-2015, AKONING

## Recoil Heating

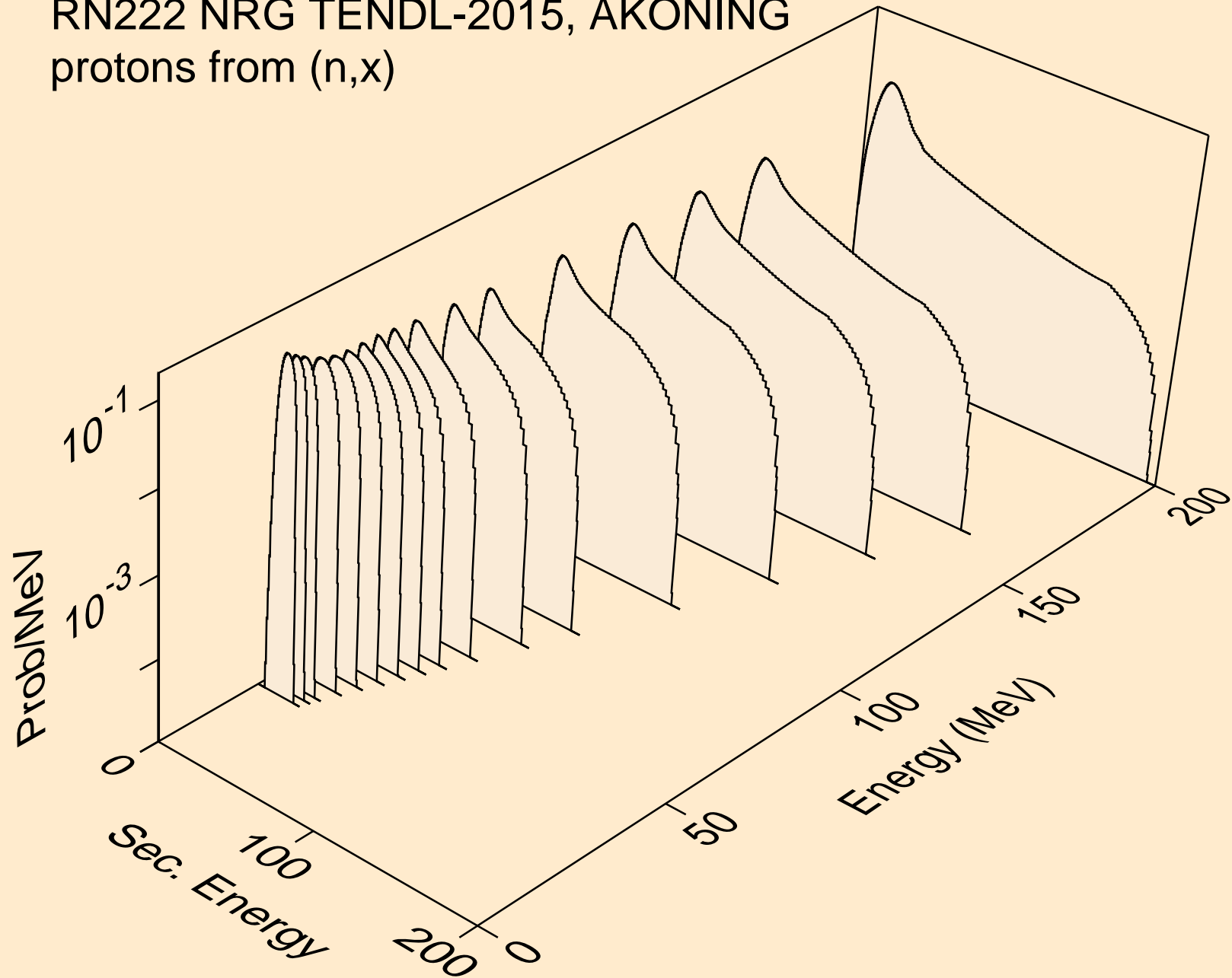


# RN222 NRG TENDL-2015, AKONING

## Particle production cross sections

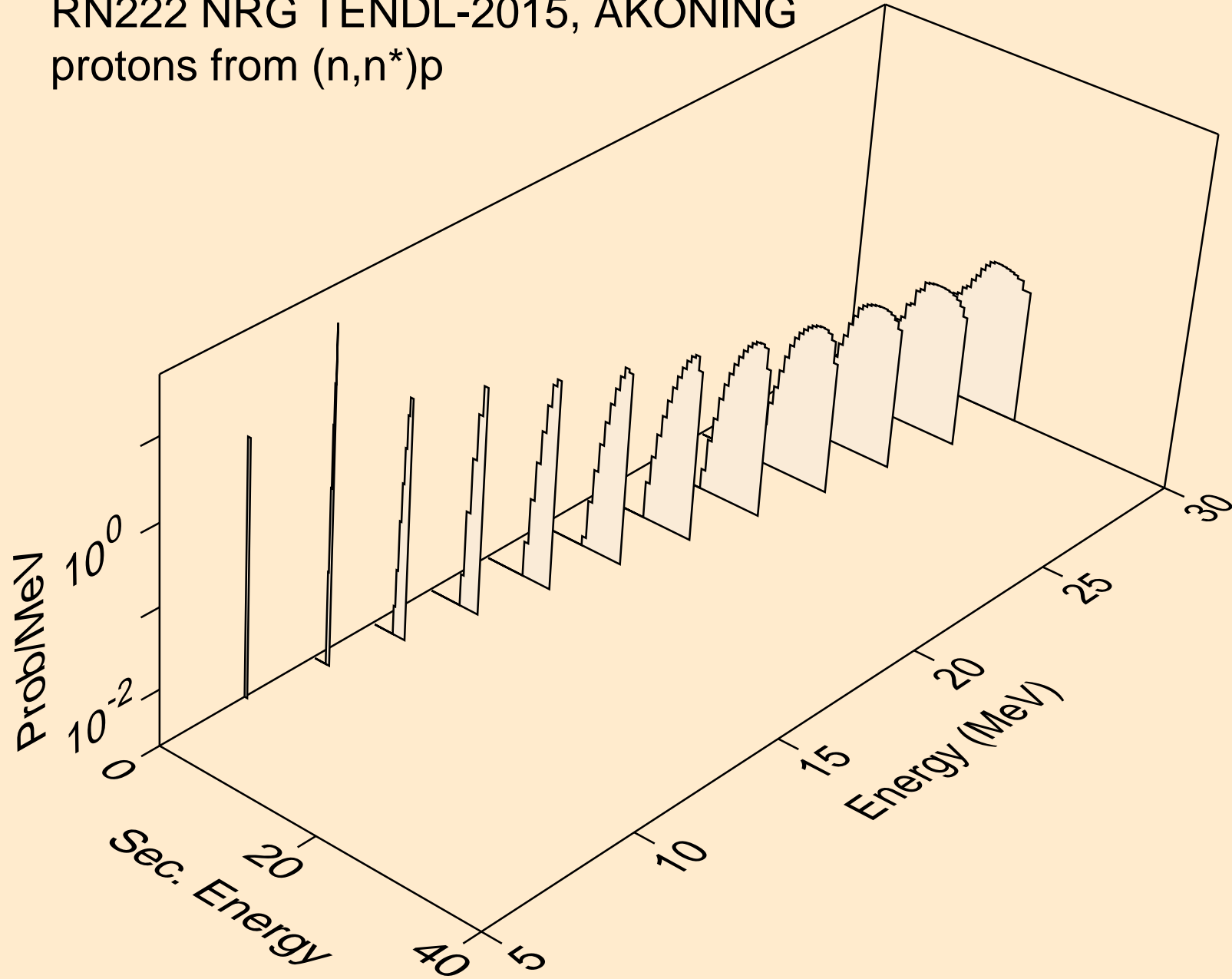


RN222 NRG TENDL-2015, AKONING  
protons from (n,x)

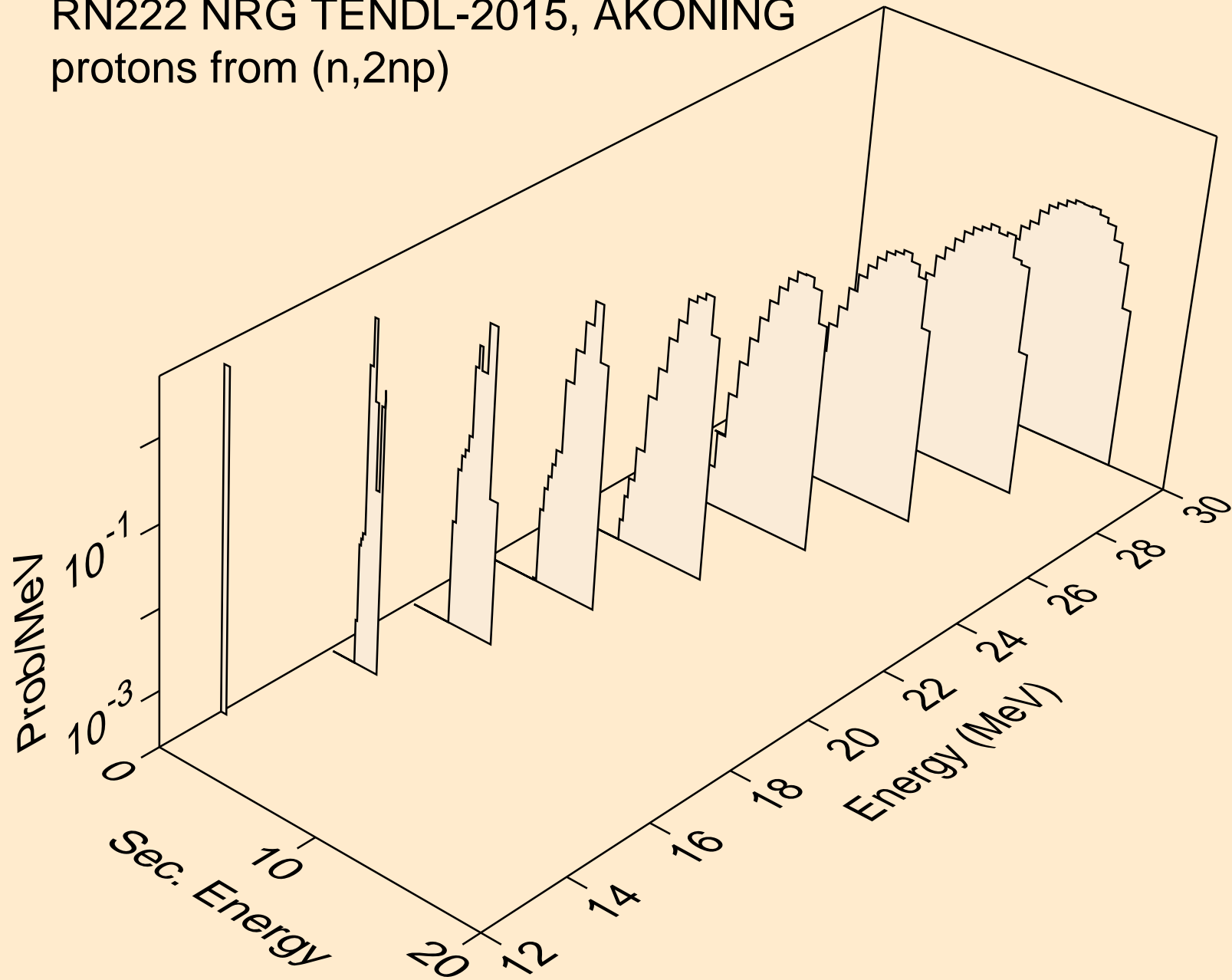




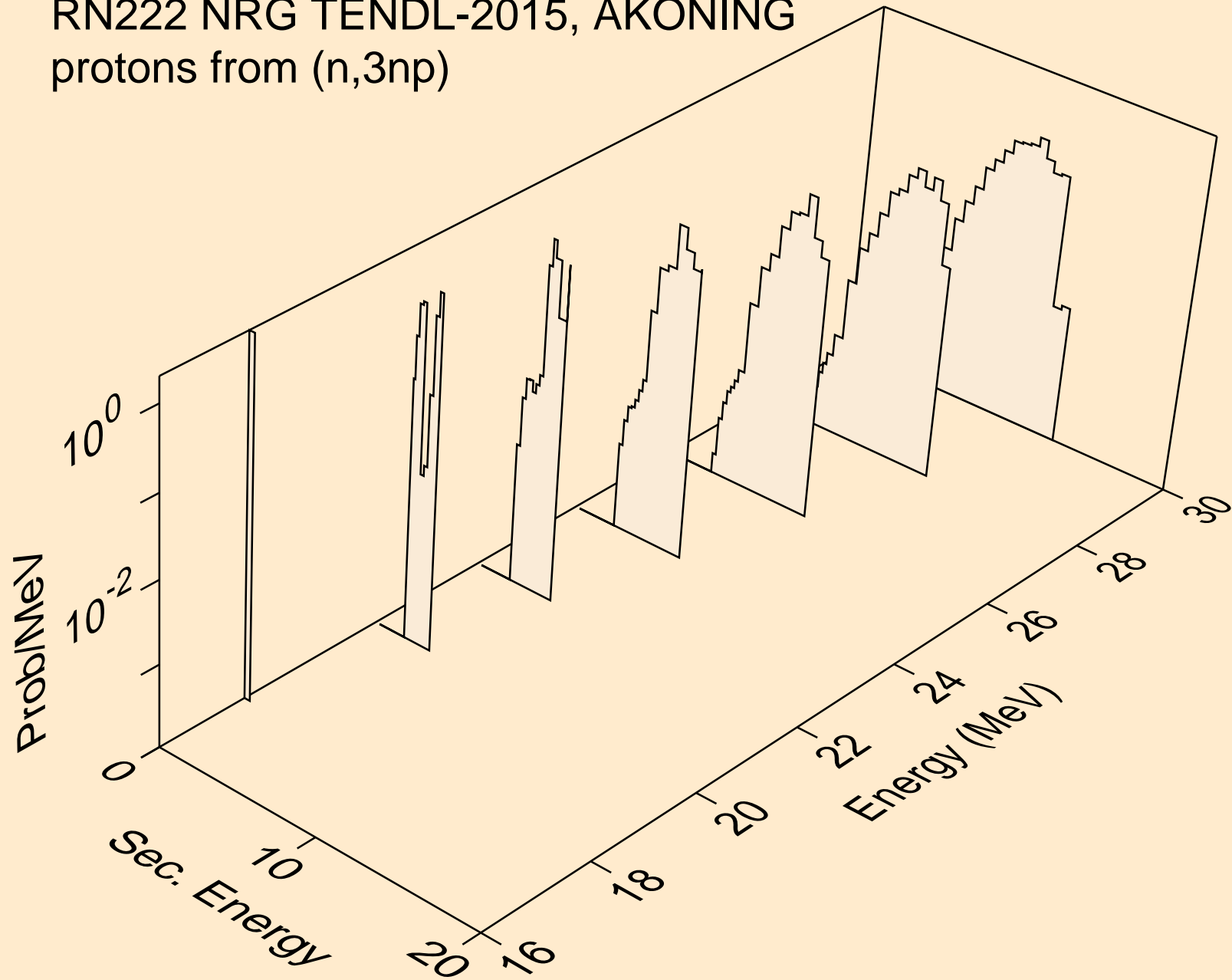
RN222 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



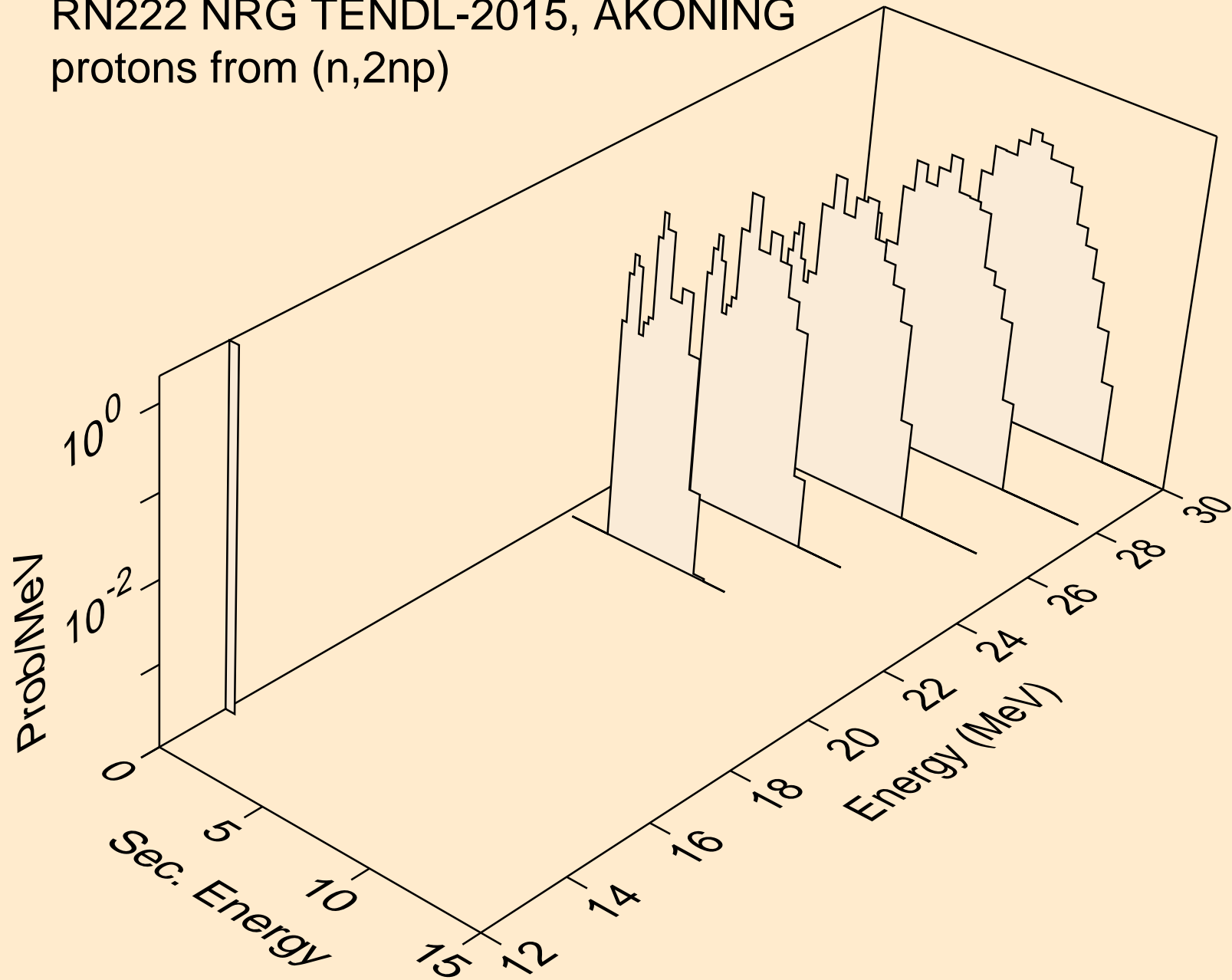
RN222 NRG TENDL-2015, AKONING  
protons from (n,2np)



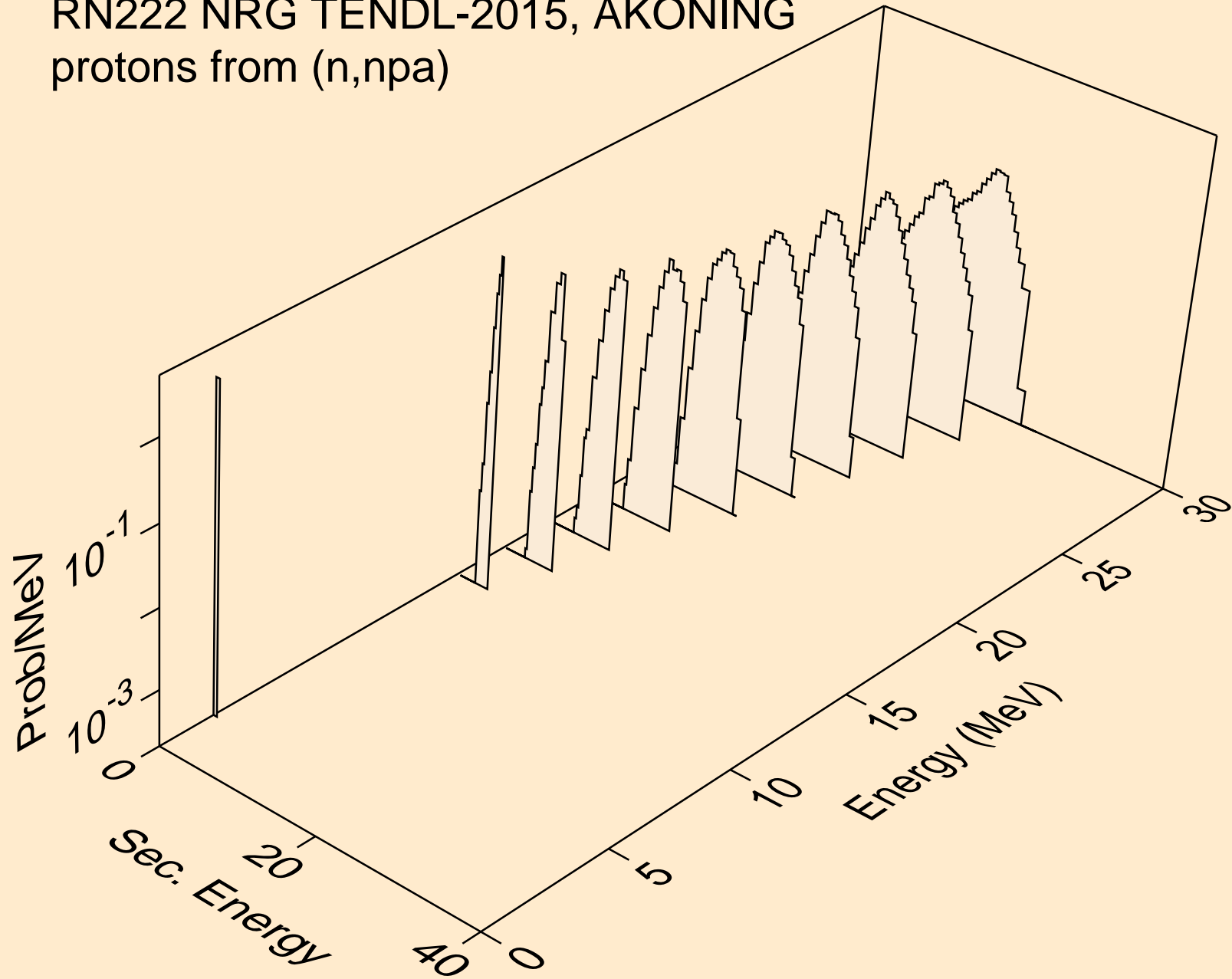
RN222 NRG TENDL-2015, AKONING  
protons from (n,3np)



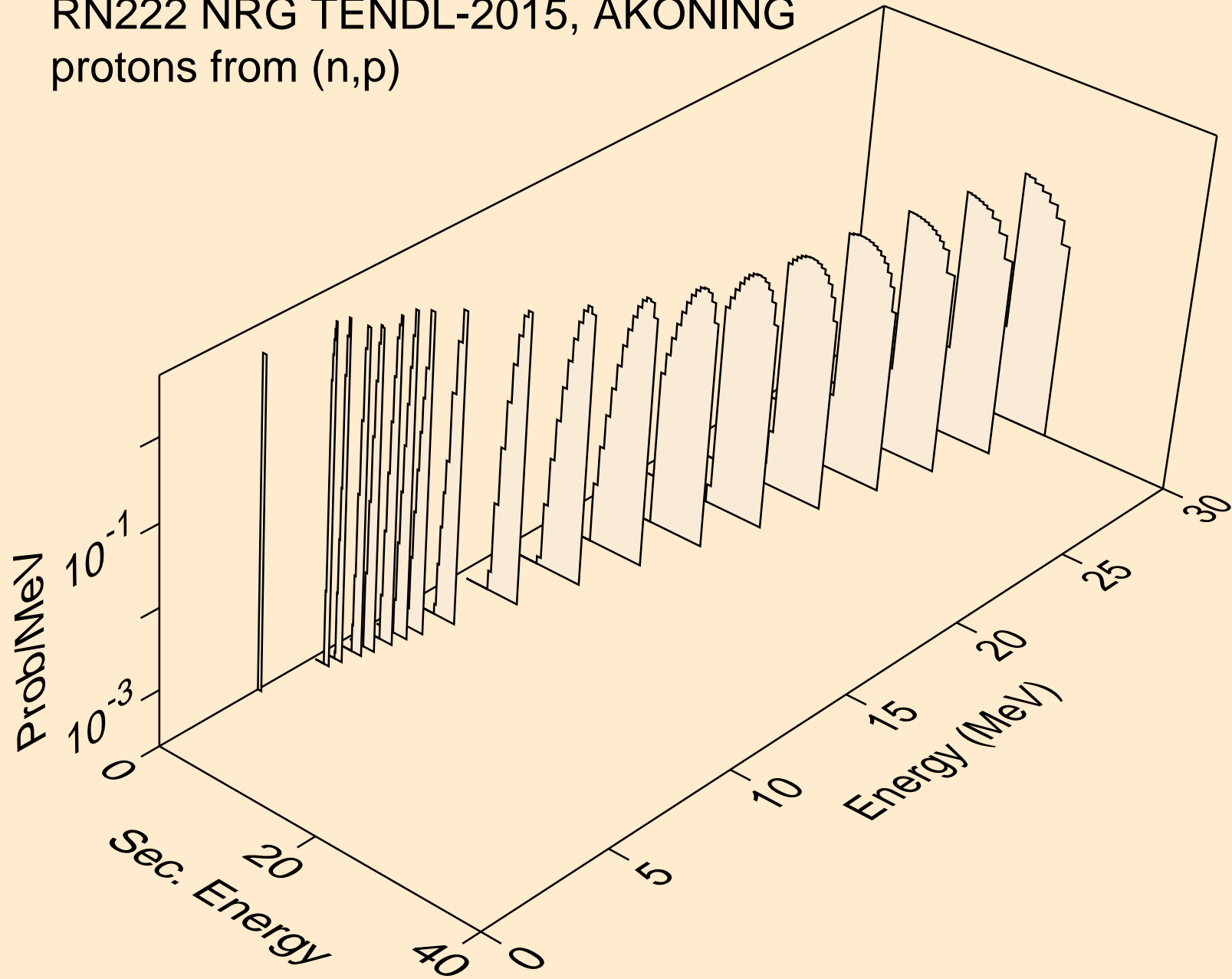
RN222 NRG TENDL-2015, AKONING  
protons from (n,2np)



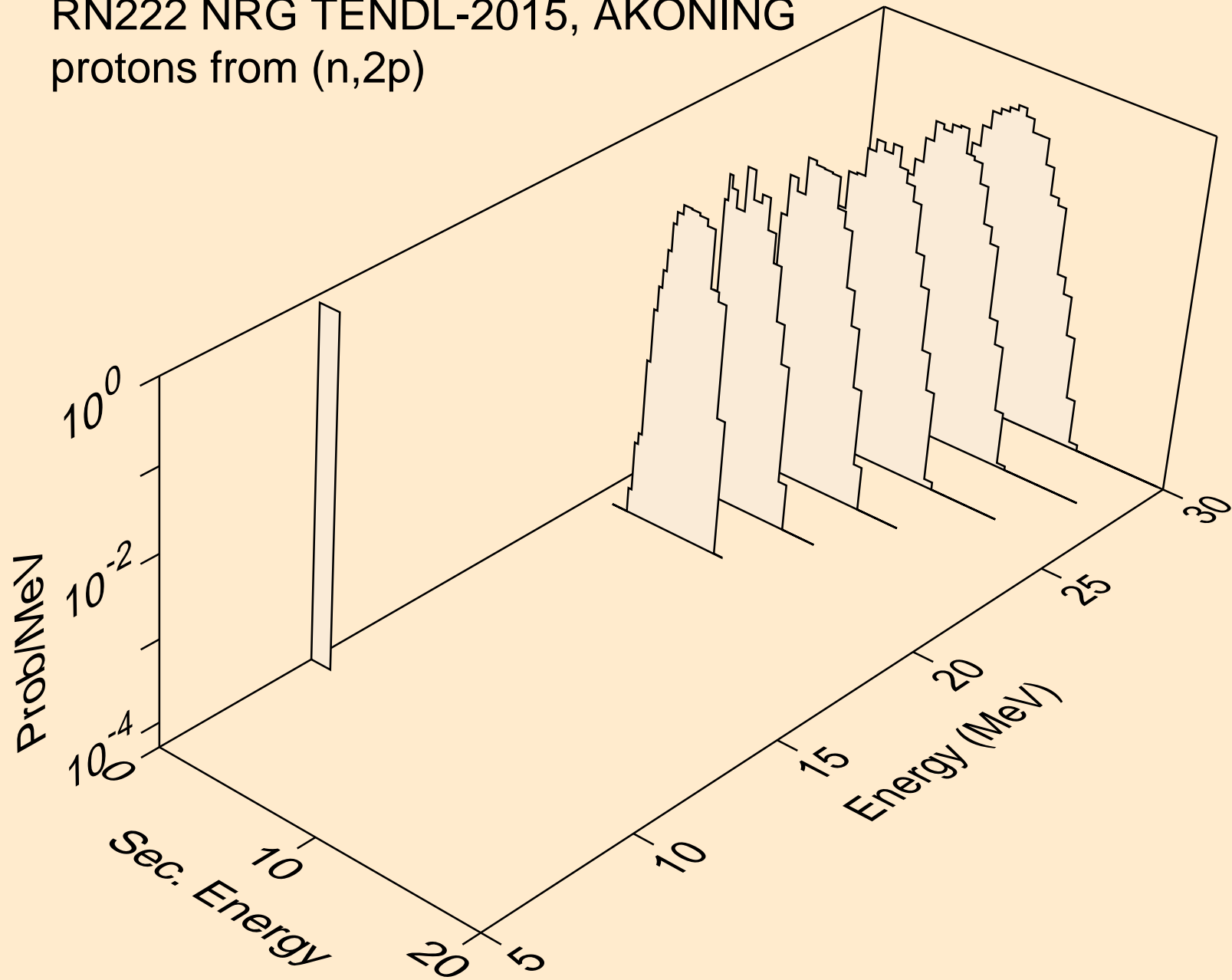
RN222 NRG TENDL-2015, AKONING  
protons from (n,npa)



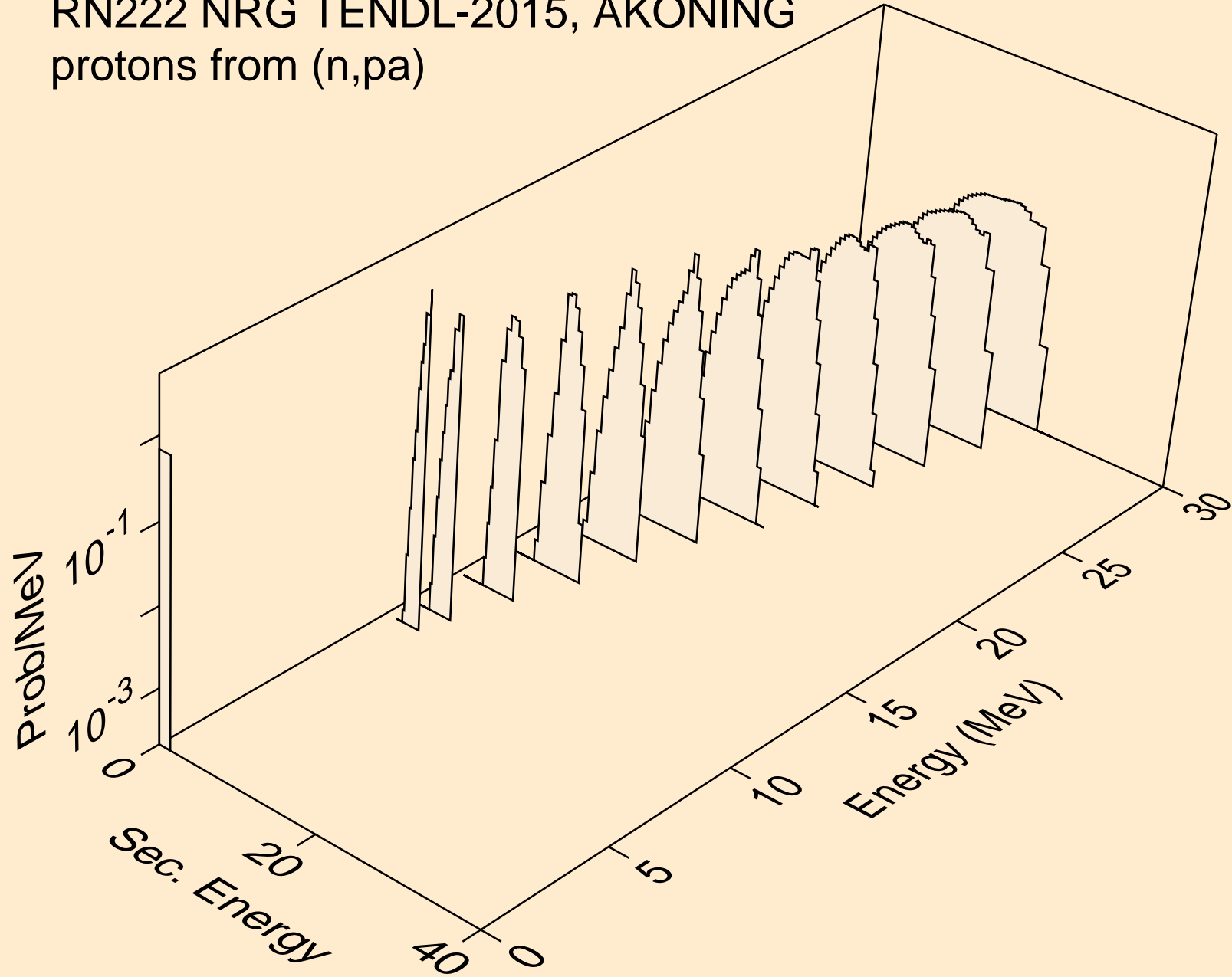
RN222 NRG TENDL-2015, AKONING  
protons from (n,p)



RN222 NRG TENDL-2015, AKONING  
protons from (n,2p)

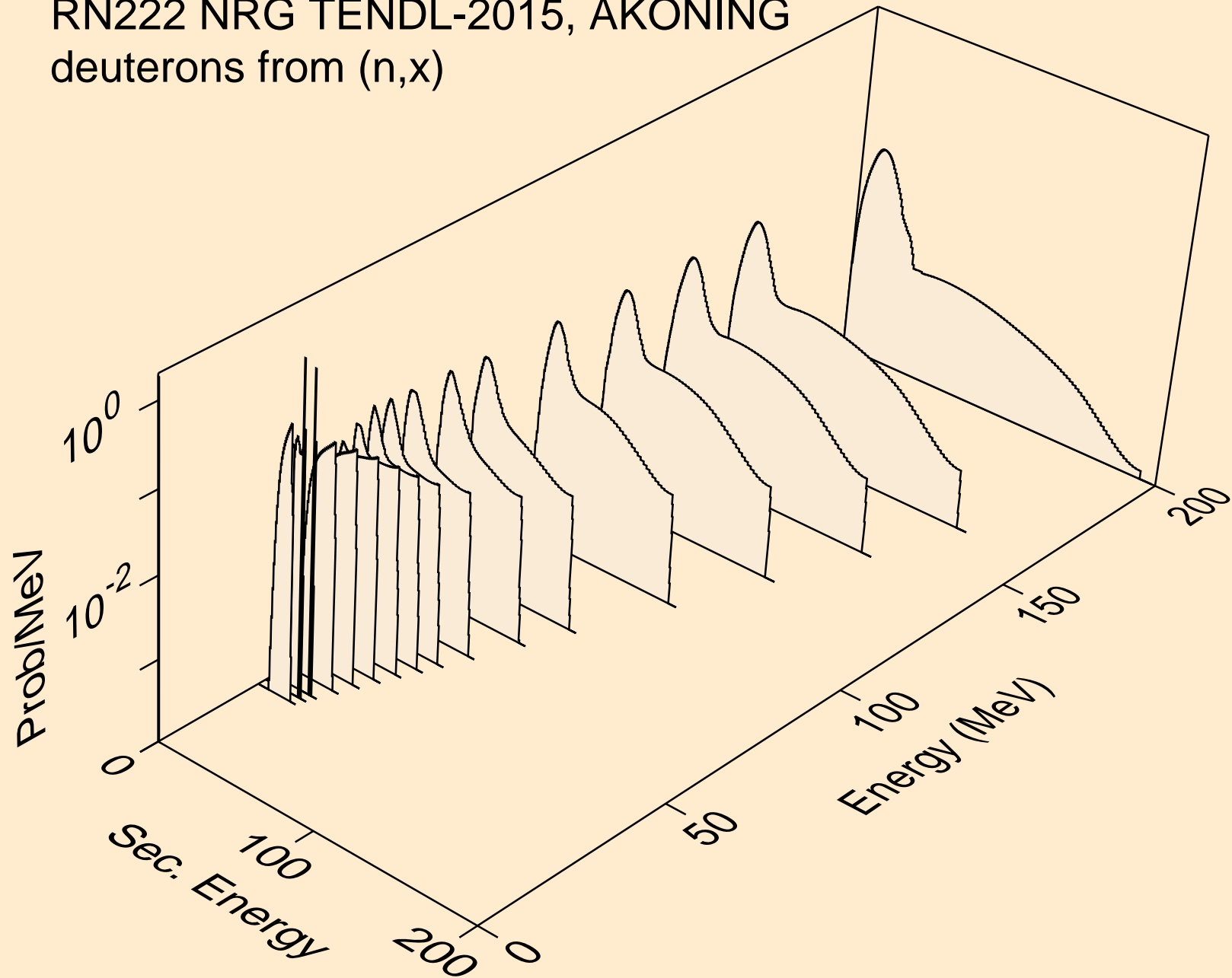


RN222 NRG TENDL-2015, AKONING  
protons from (n,pa)

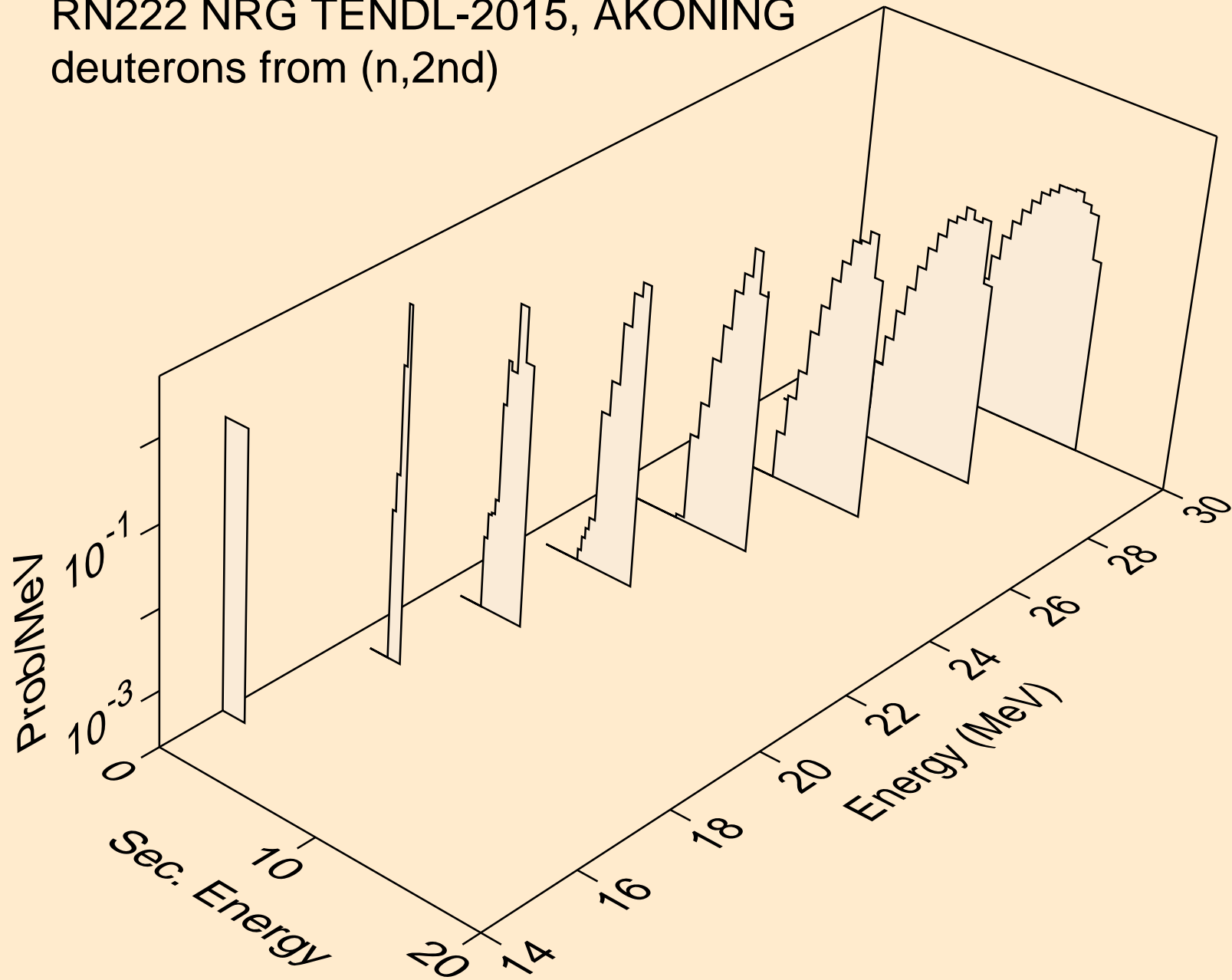




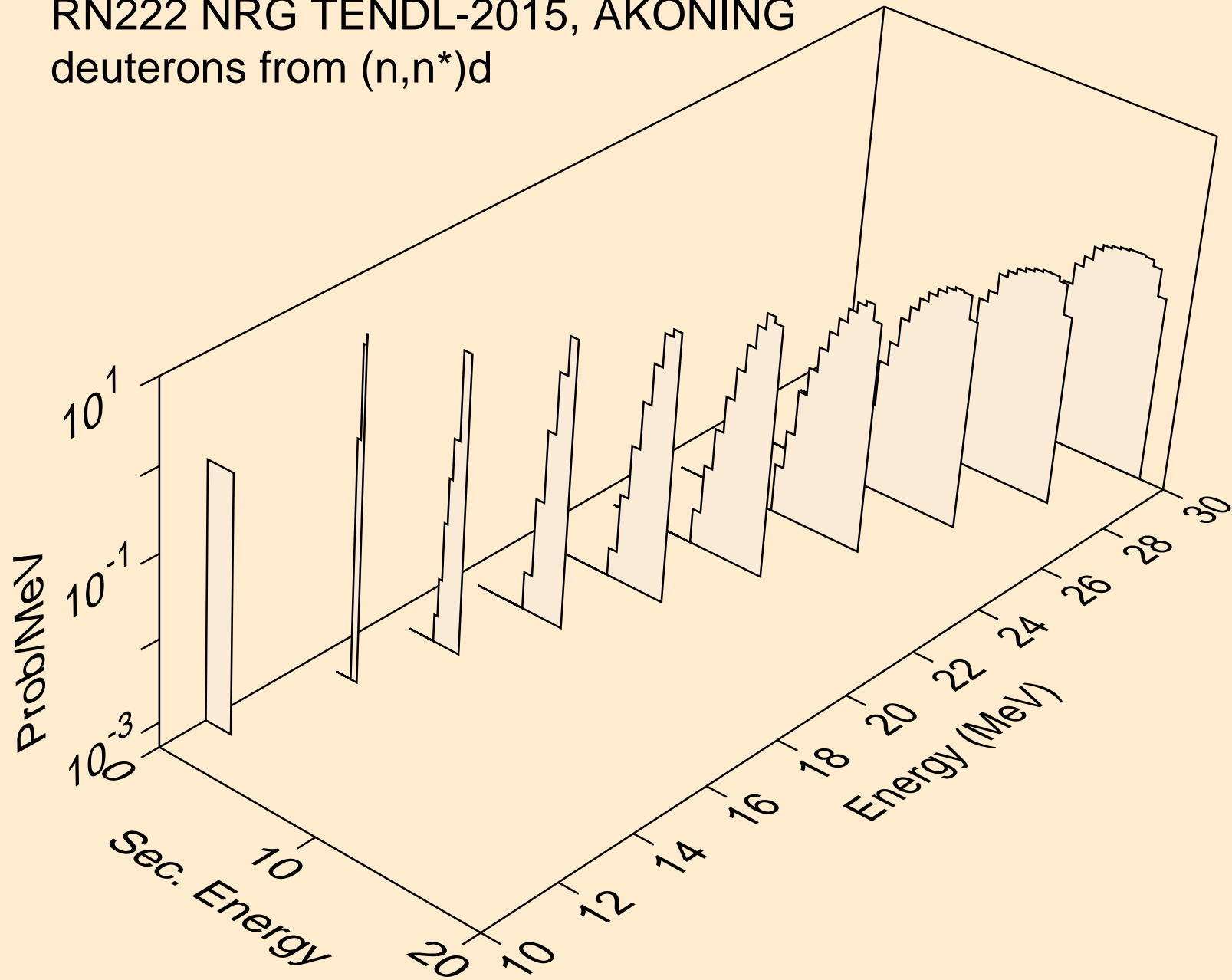
RN222 NRG TENDL-2015, AKONING  
deuterons from (n,x)



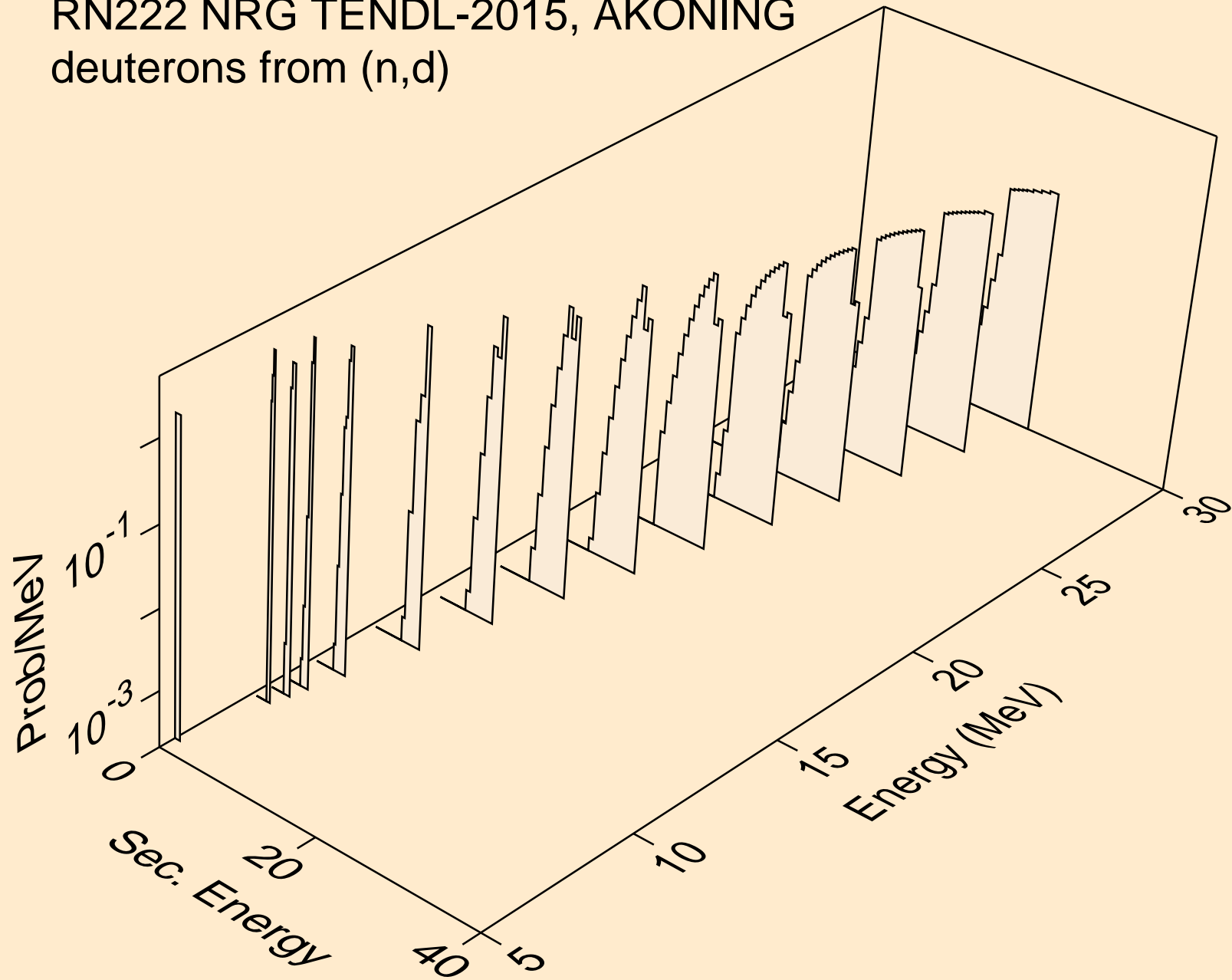
RN222 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



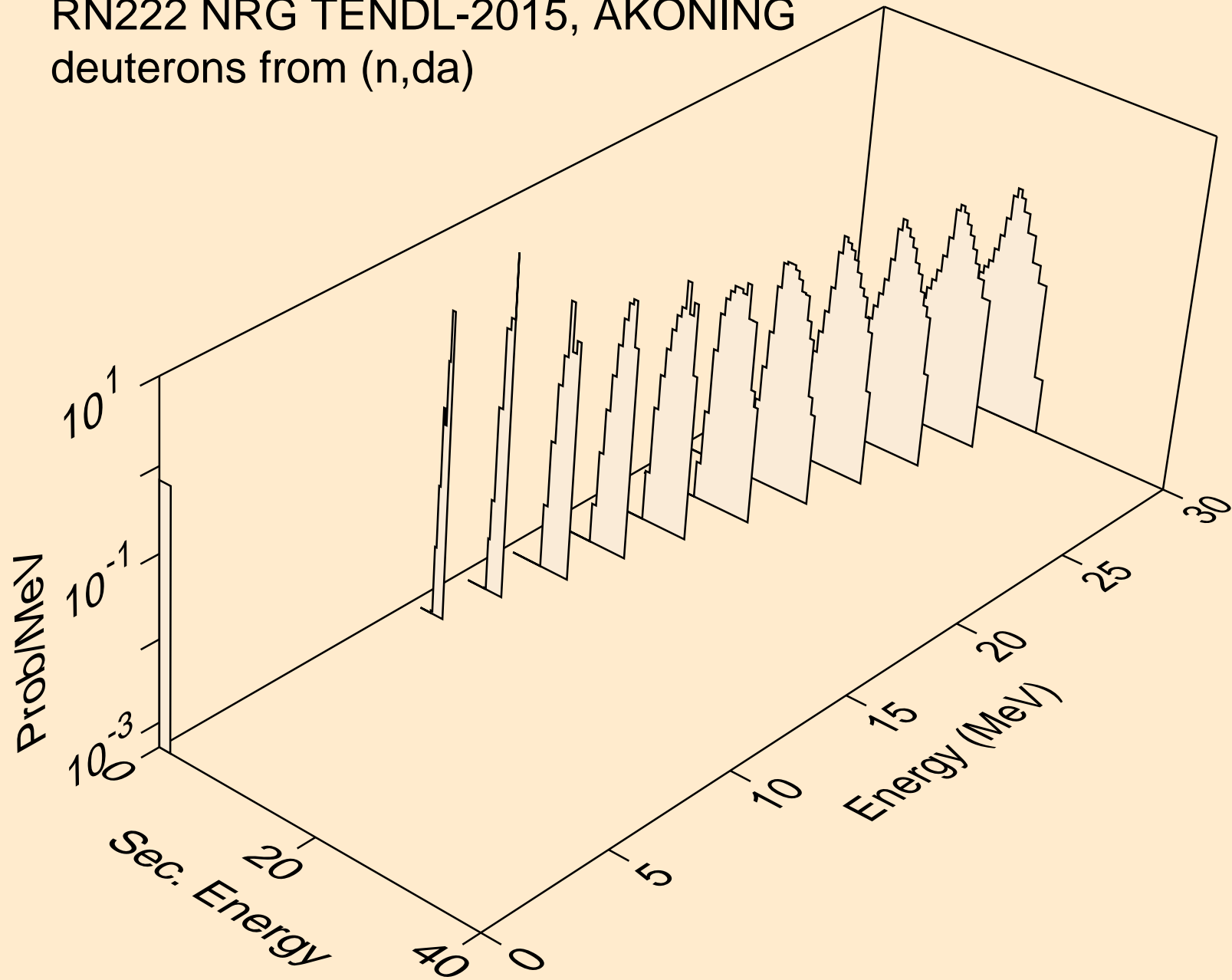
RN222 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



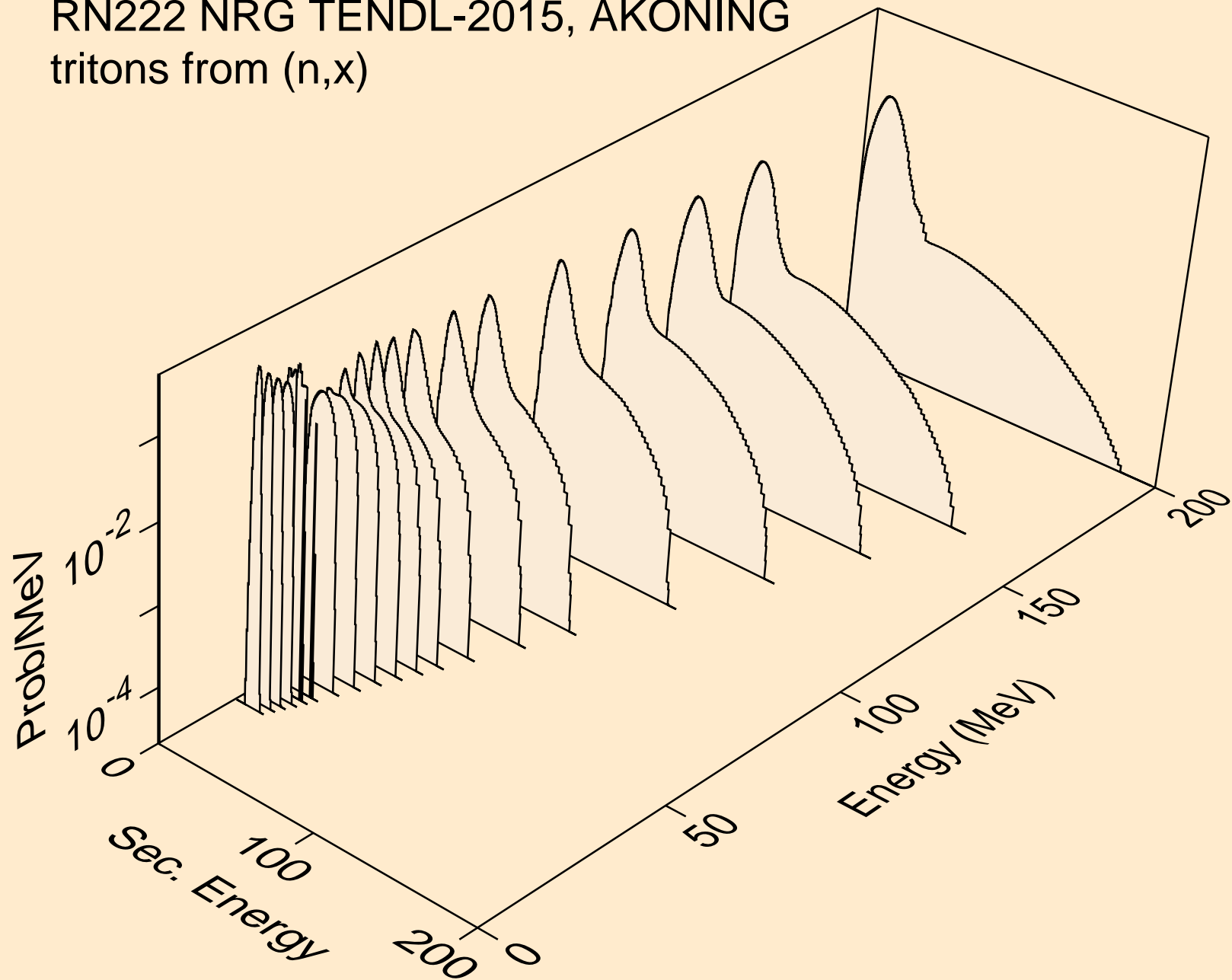
RN222 NRG TENDL-2015, AKONING  
deuterons from (n,d)



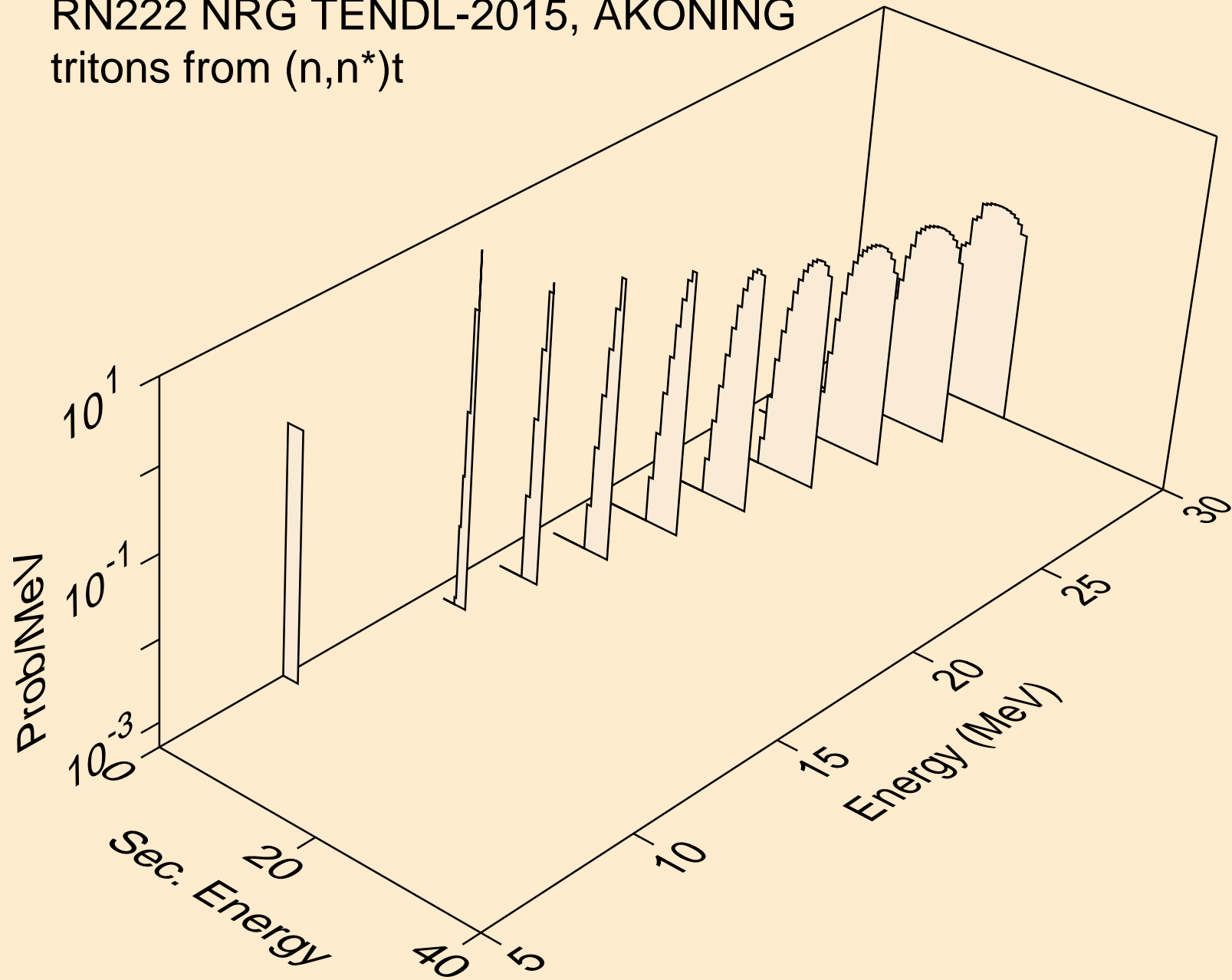
RN222 NRG TENDL-2015, AKONING  
deuterons from (n,da)



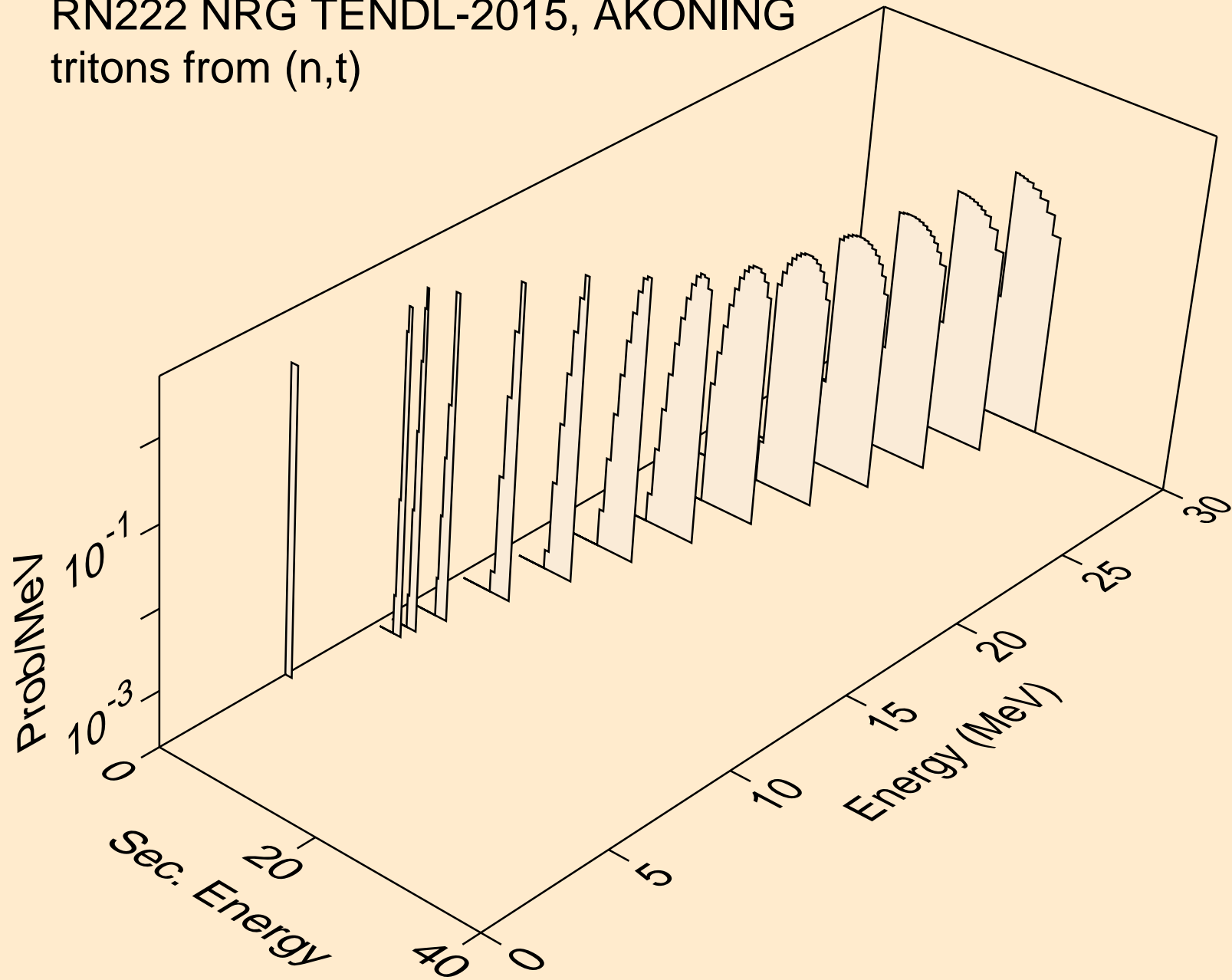
RN222 NRG TENDL-2015, AKONING  
tritons from (n,x)



RN222 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

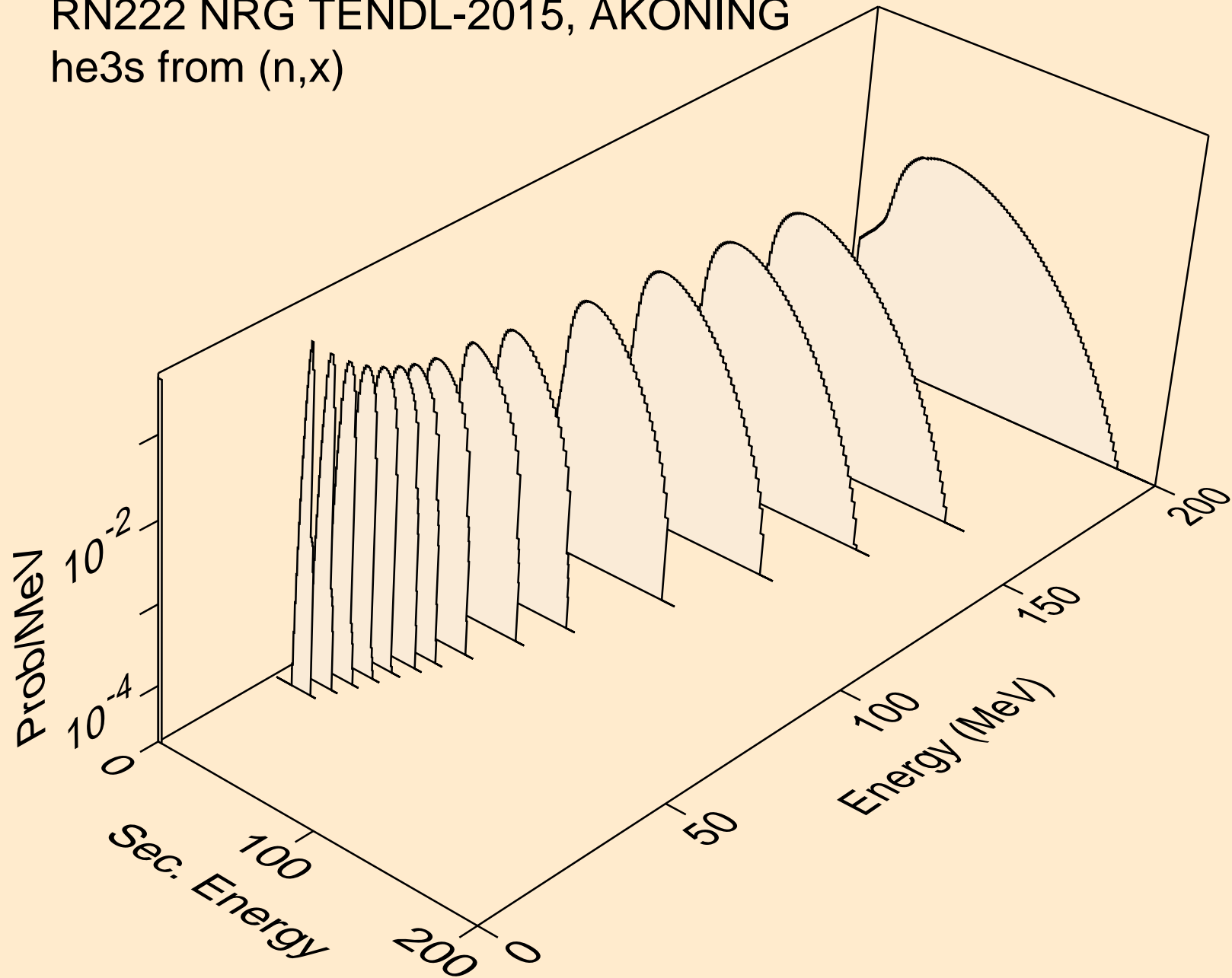


RN222 NRG TENDL-2015, AKONING  
tritons from (n,t)

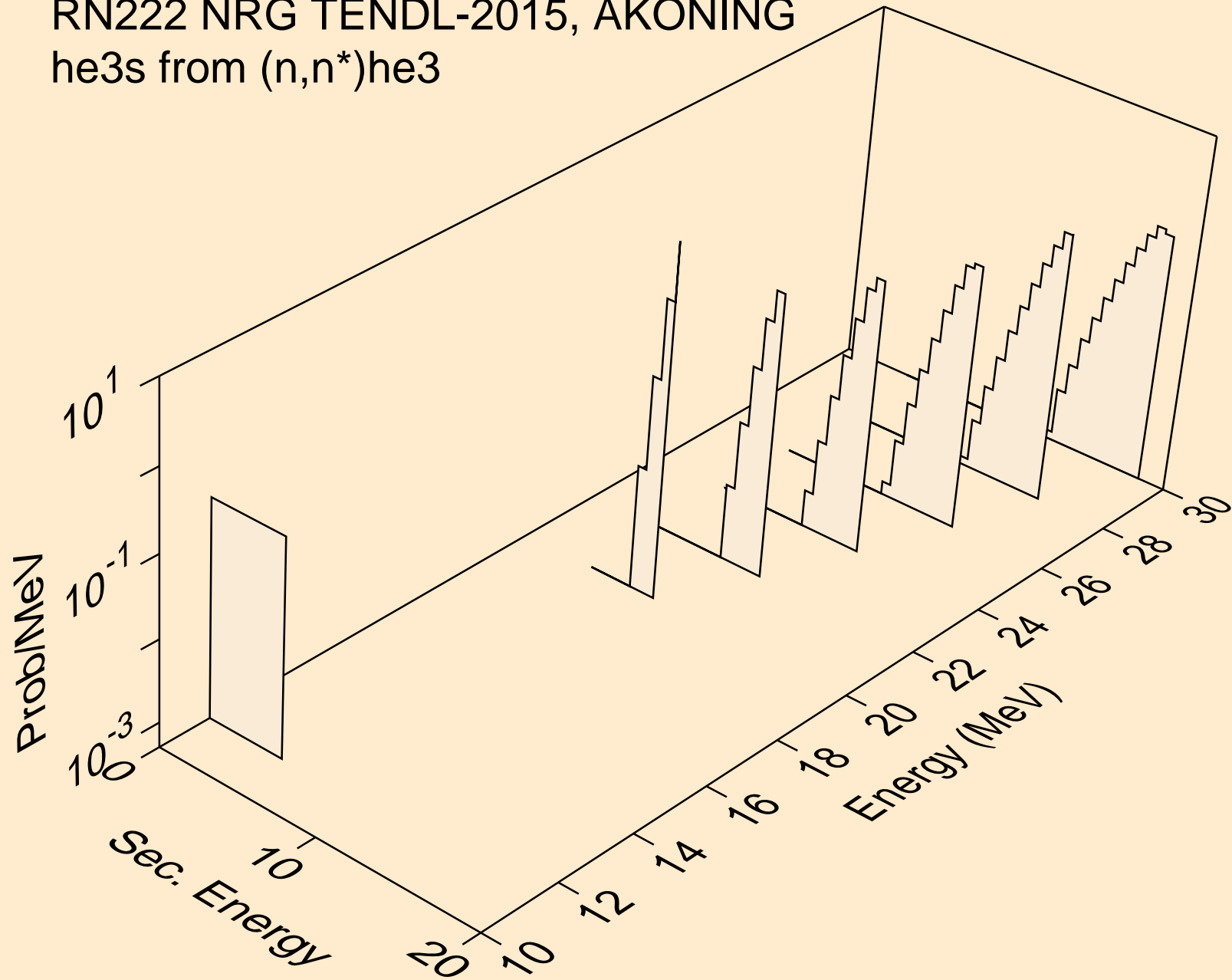




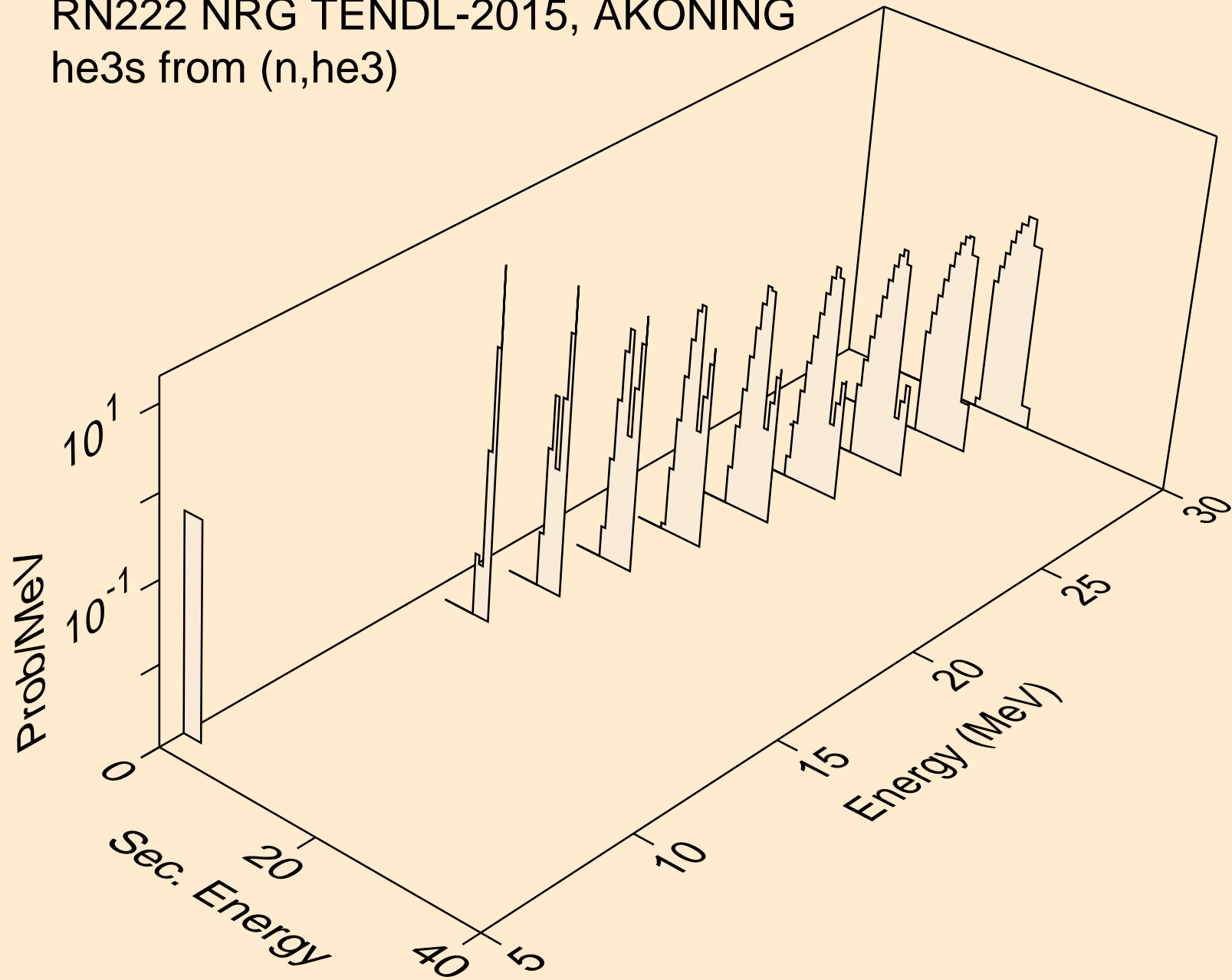
RN222 NRG TENDL-2015, AKONING  
he3s from (n,x)



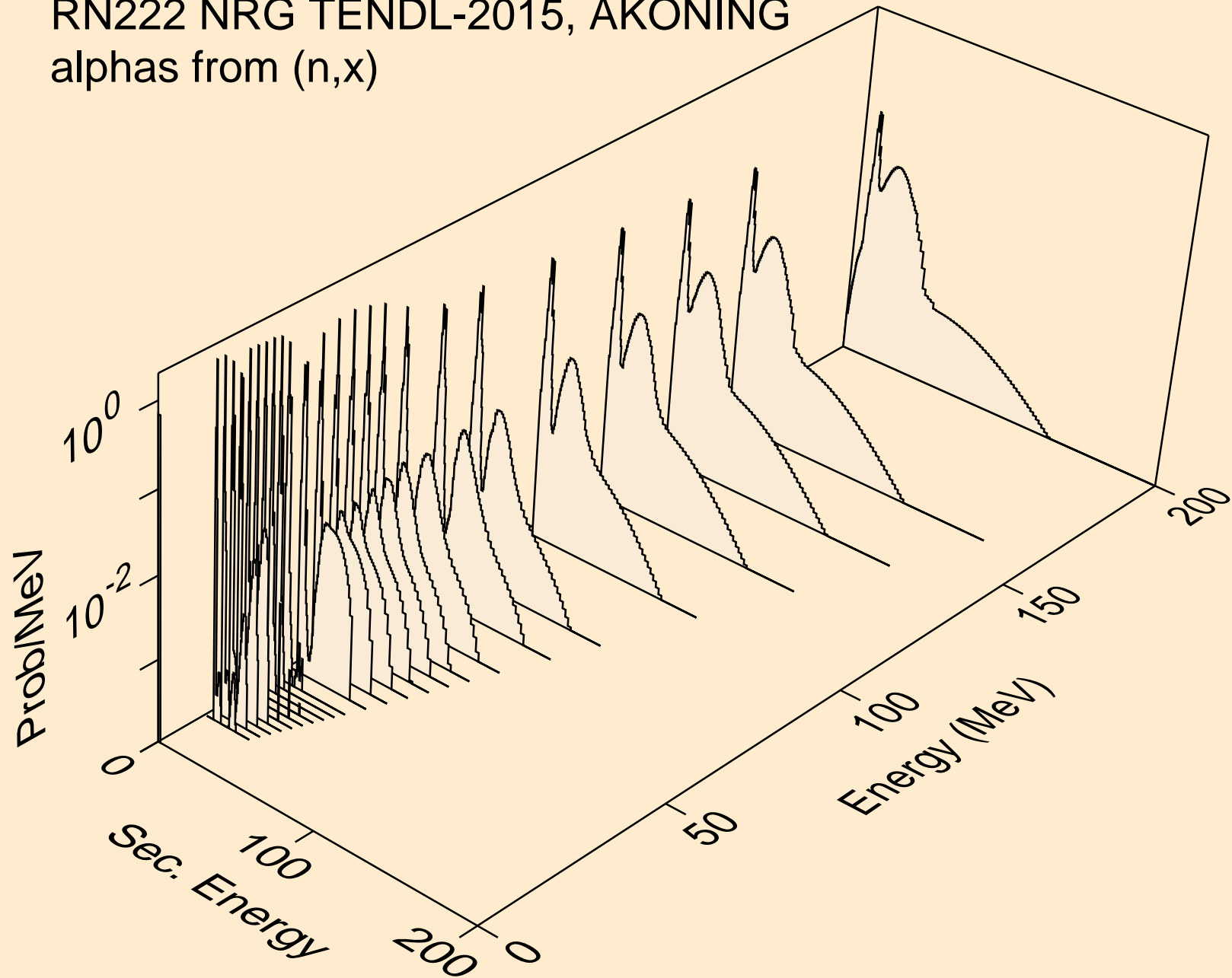
RN222 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



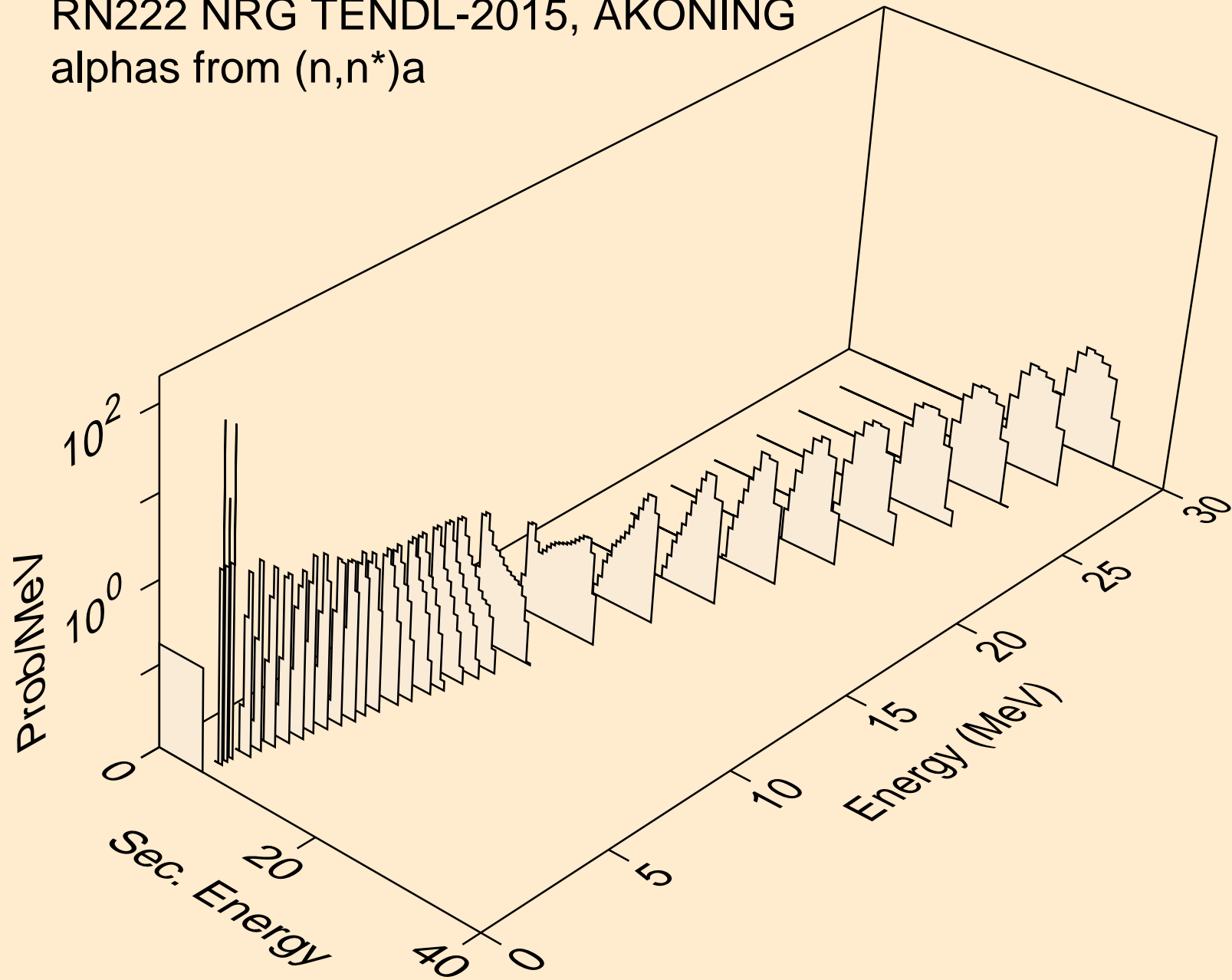
RN222 NRG TENDL-2015, AKONING  
he3s from (n,he3)



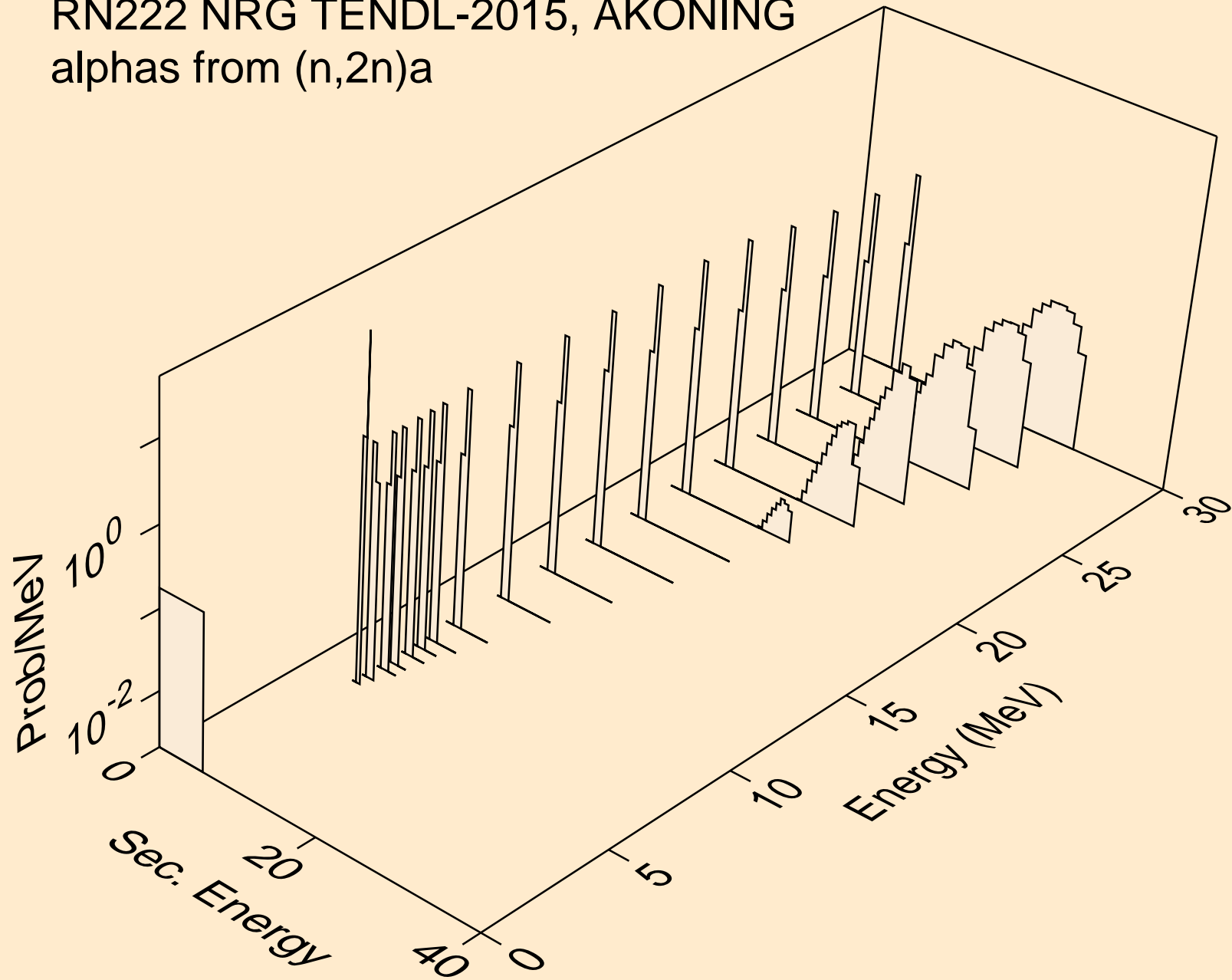
RN222 NRG TENDL-2015, AKONING  
alphas from (n,x)



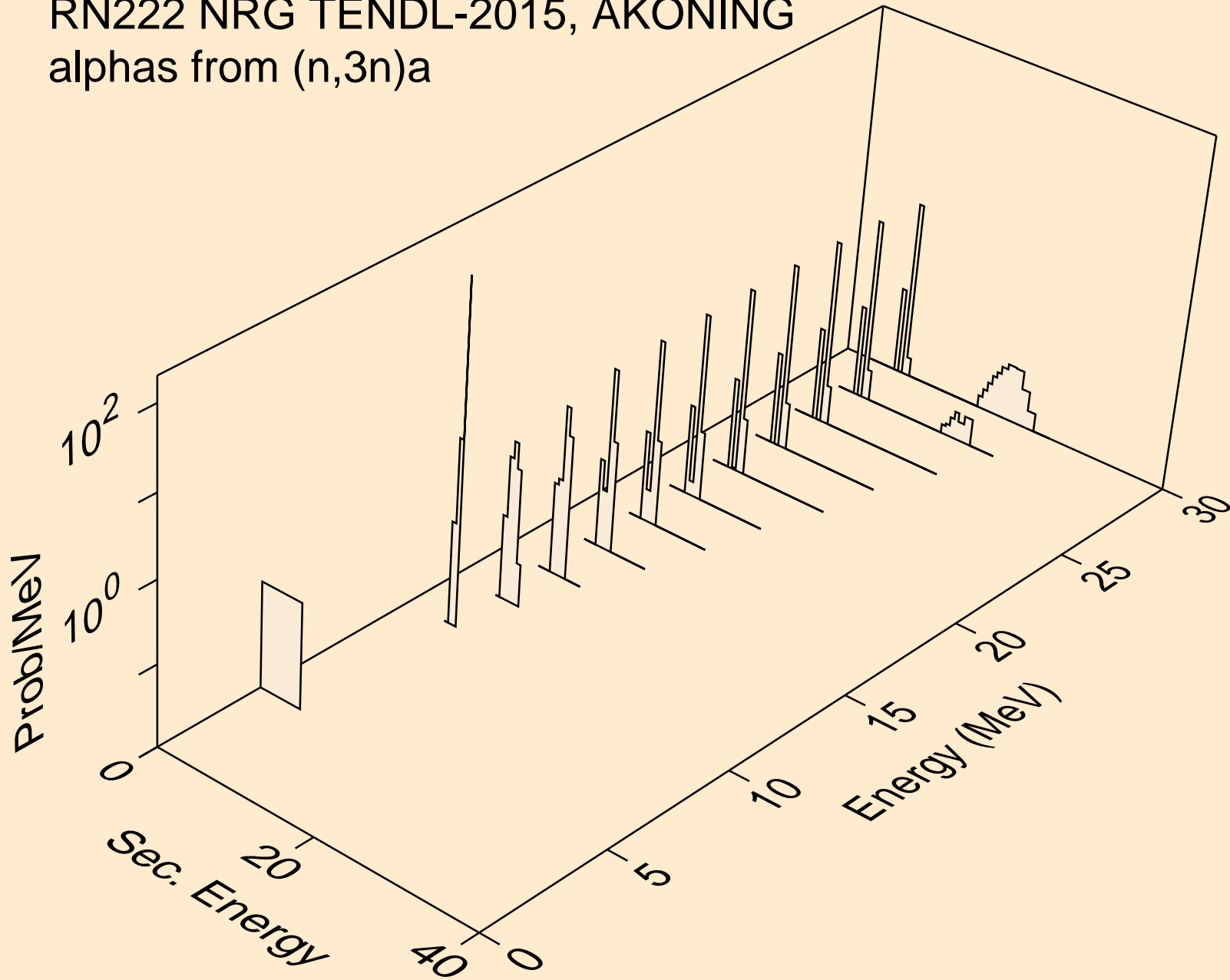
RN222 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



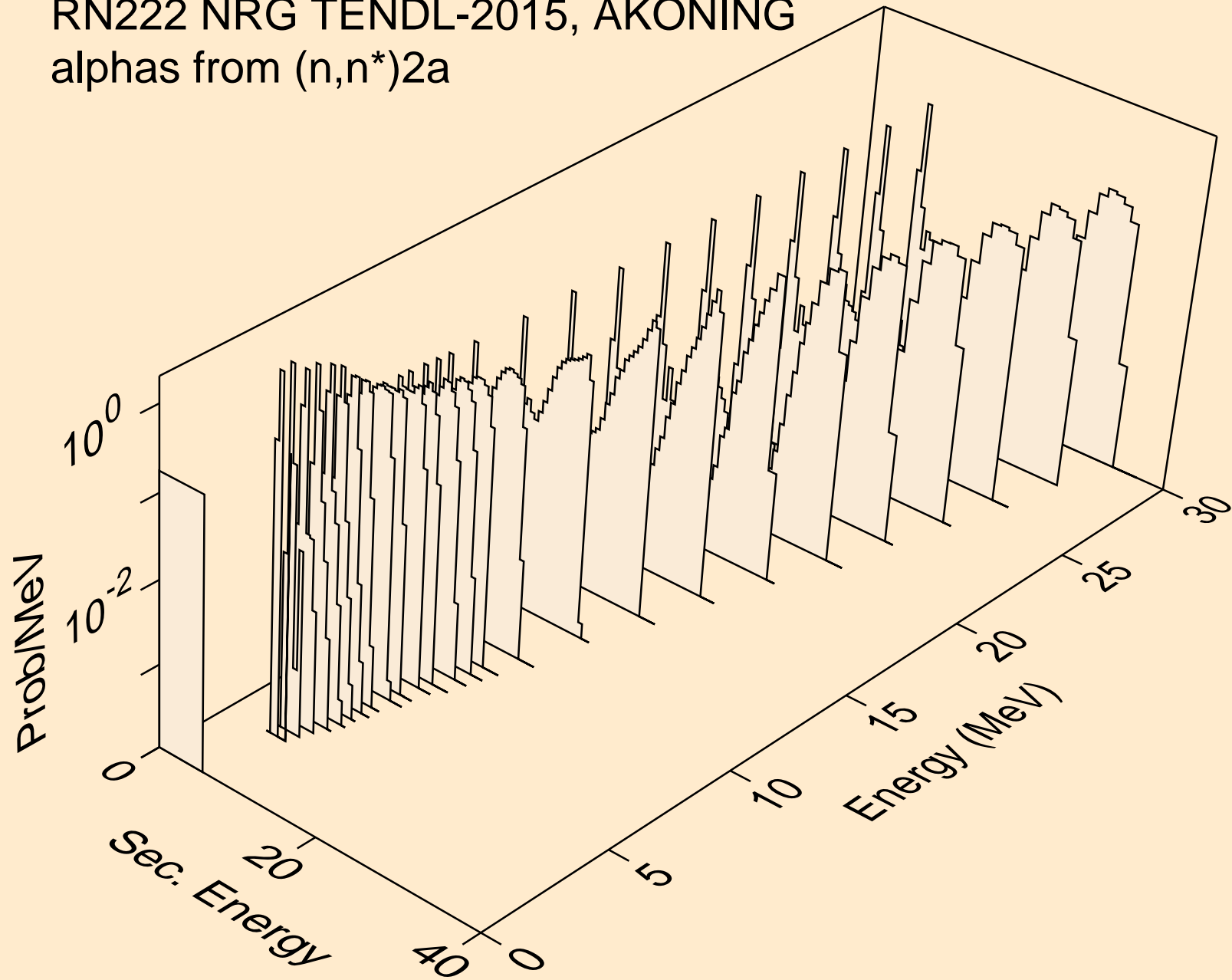
RN222 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



RN222 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

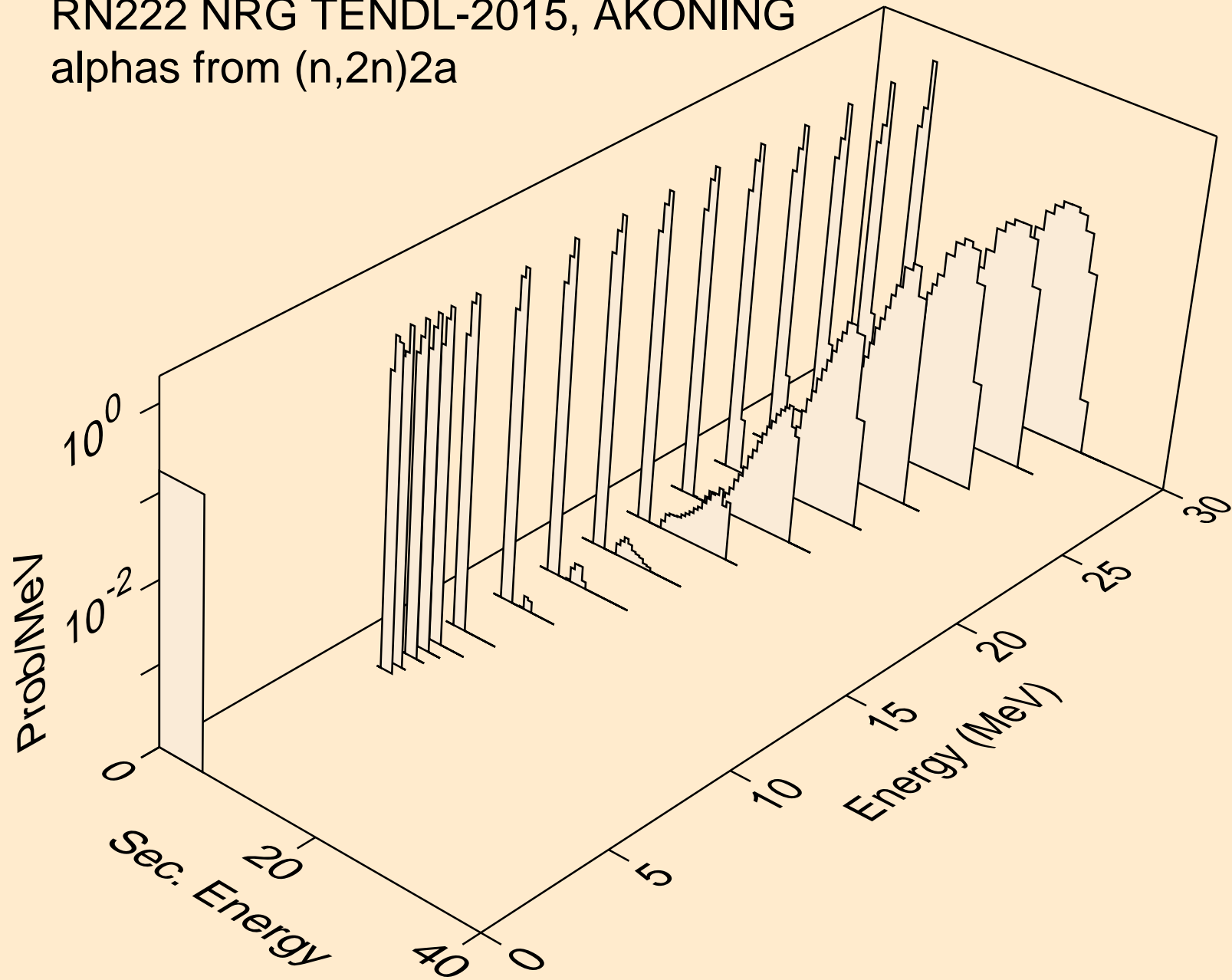


RN222 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

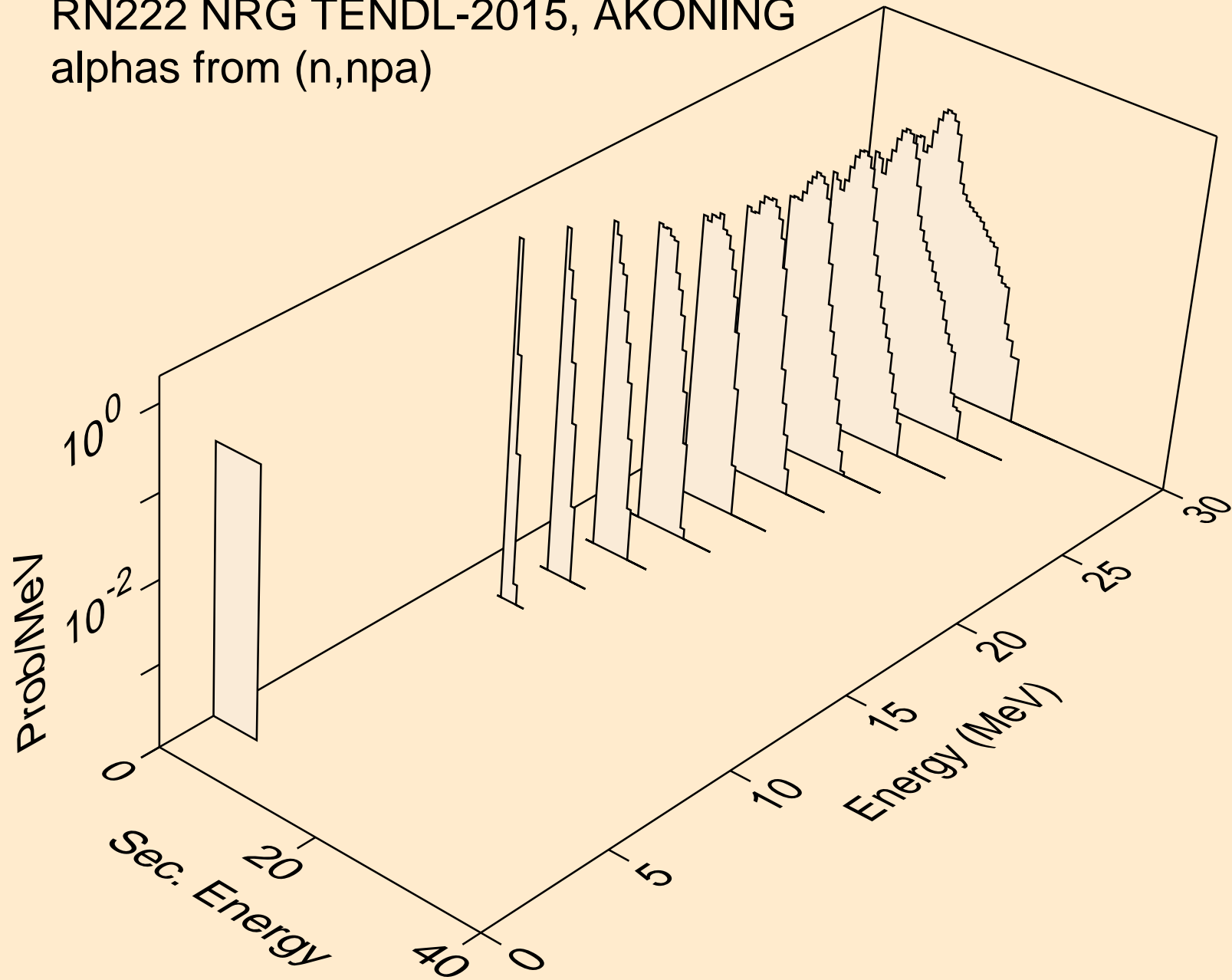




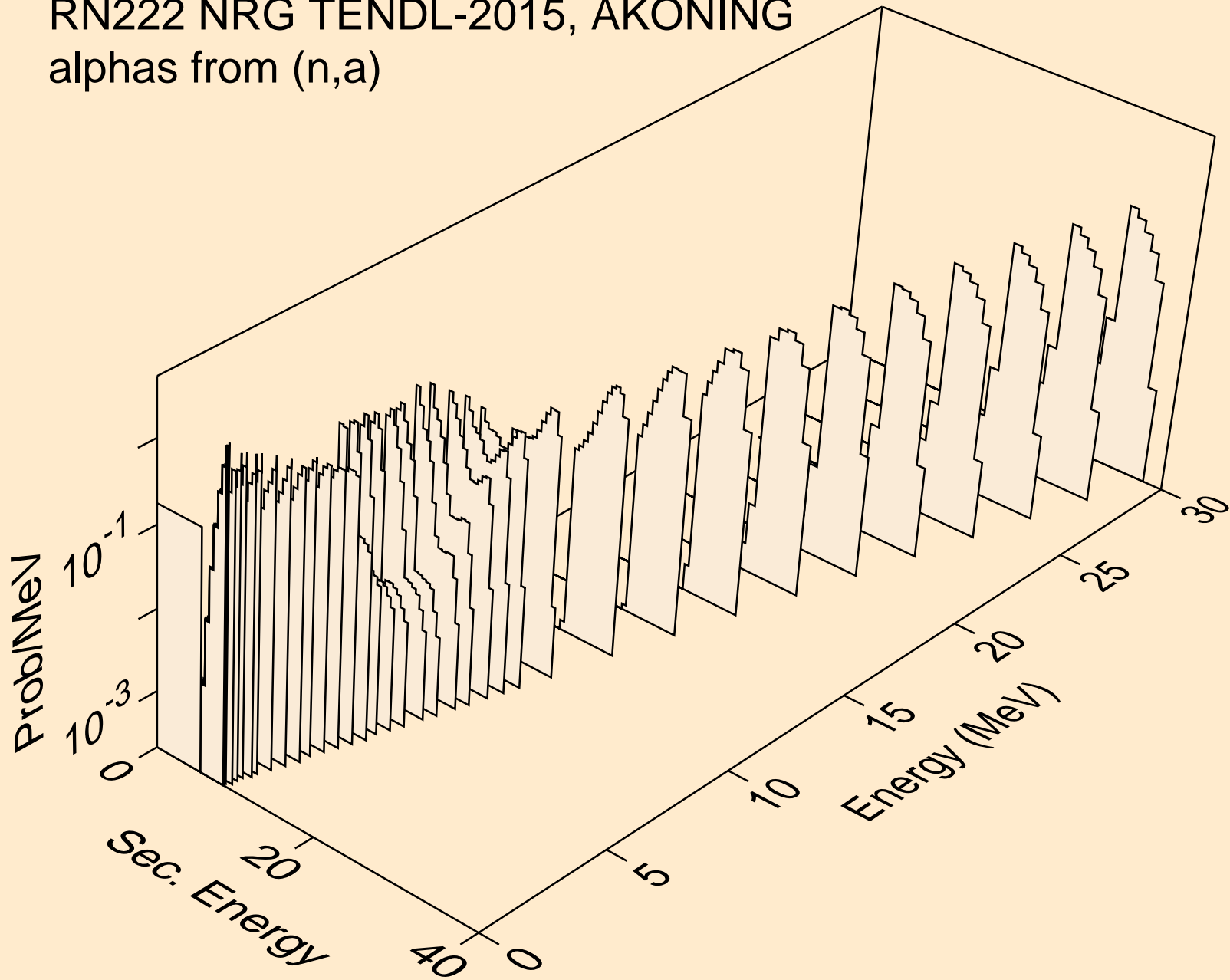
RN222 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



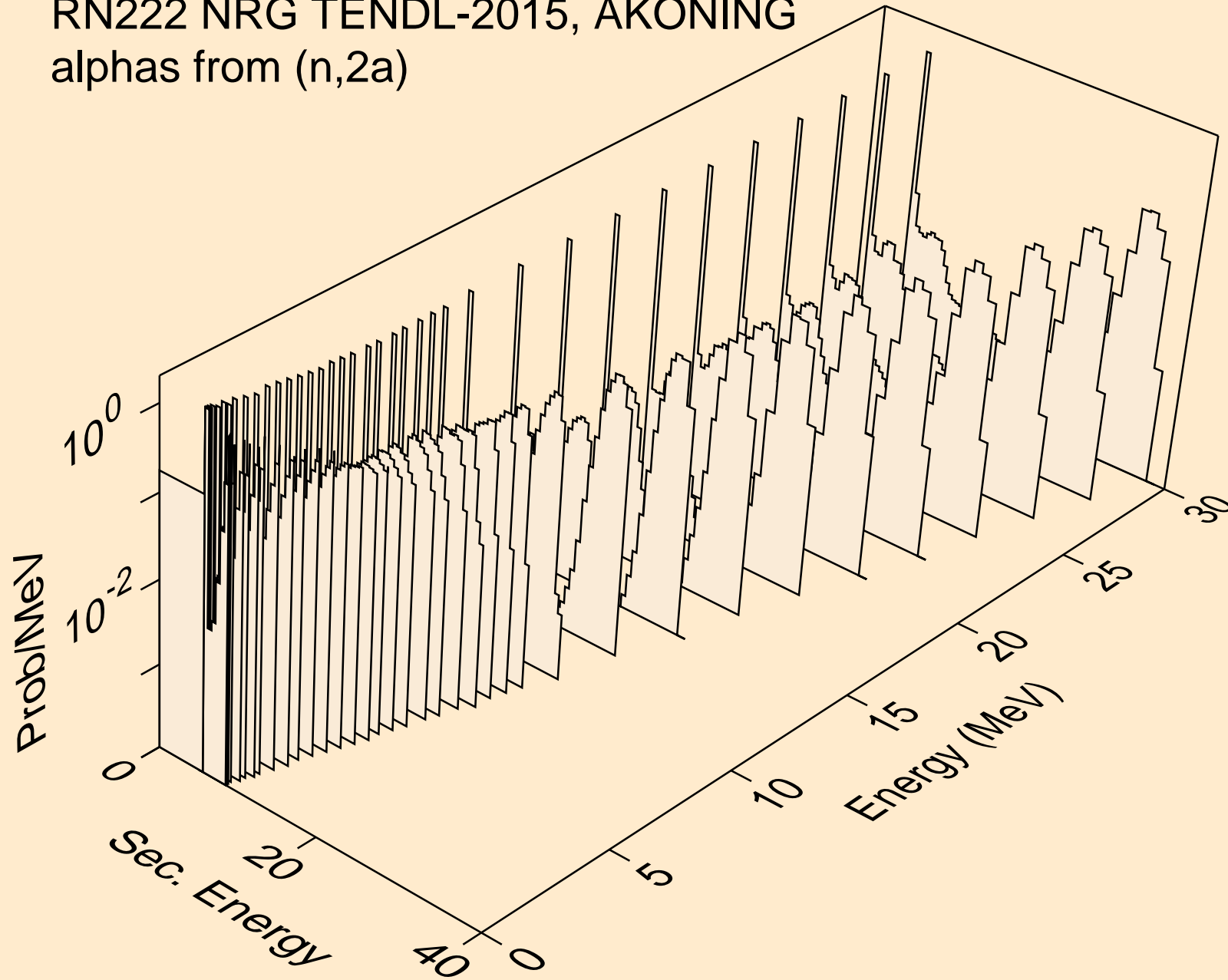
RN222 NRG TENDL-2015, AKONING  
alphas from (n,npa)



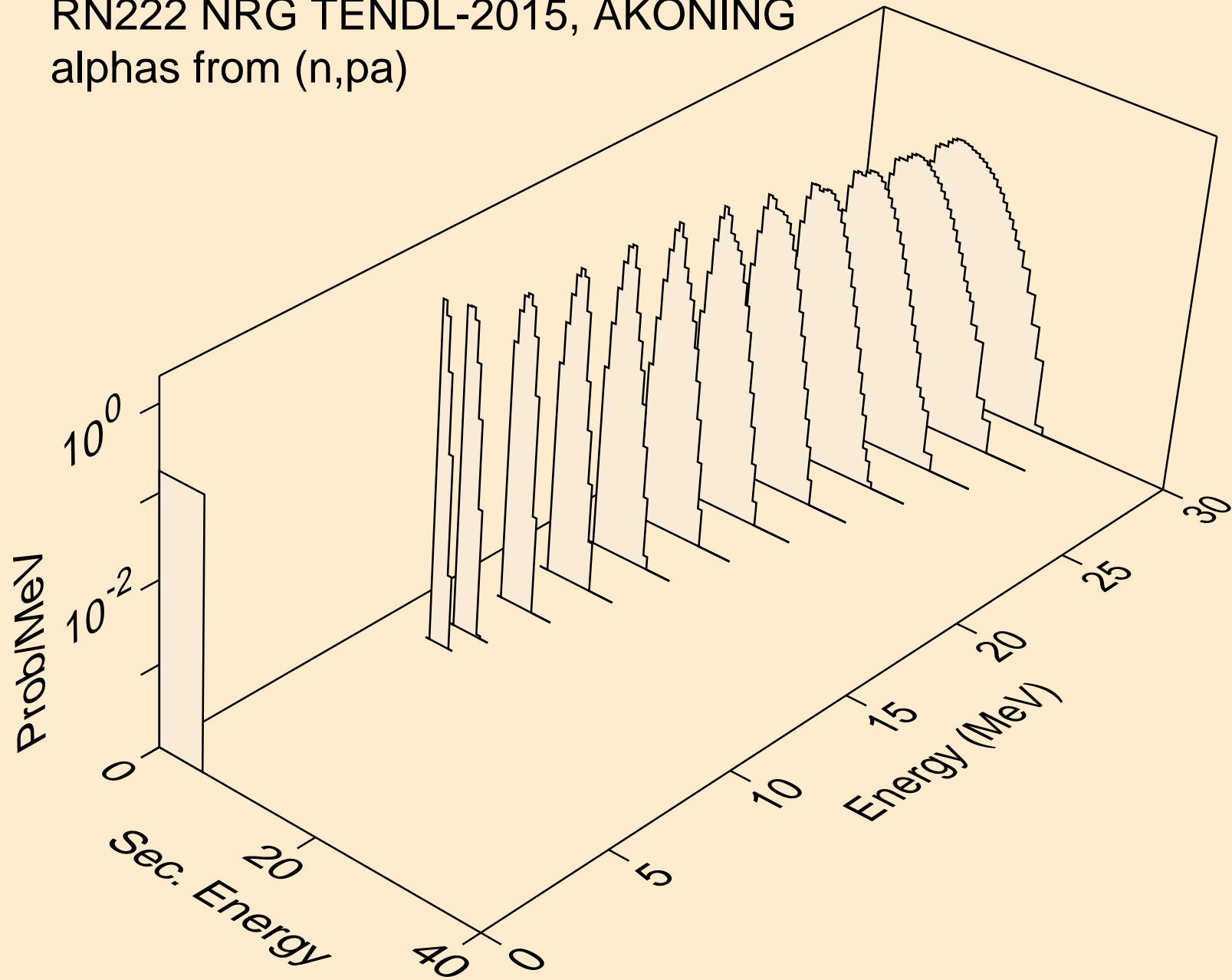
RN222 NRG TENDL-2015, AKONING  
alphas from (n,a)



RN222 NRG TENDL-2015, AKONING  
alphas from (n,2a)



RN222 NRG TENDL-2015, AKONING  
alphas from (n,pa)



RN222 NRG TENDL-2015, AKONING  
alphas from (n,da)

