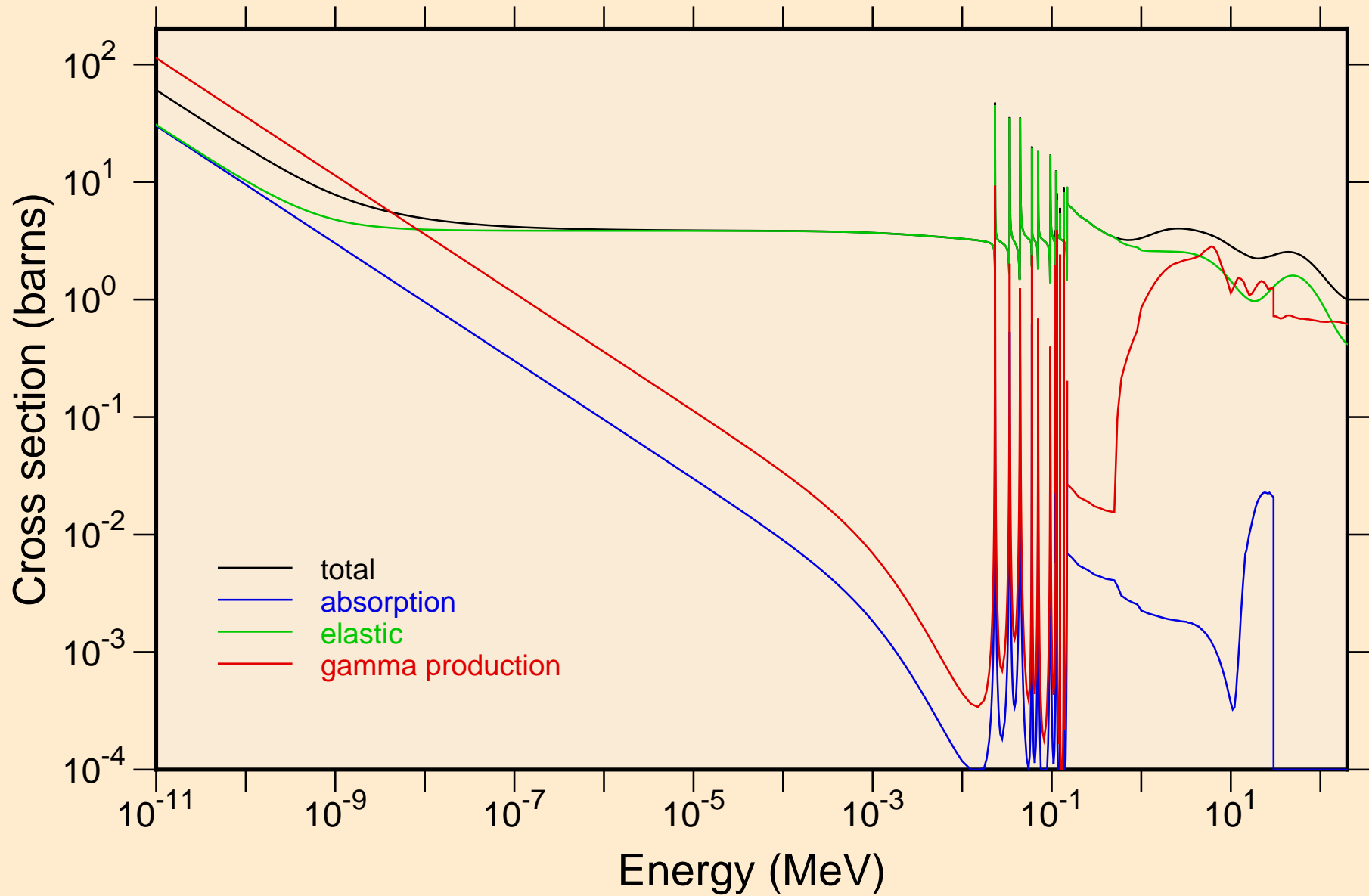


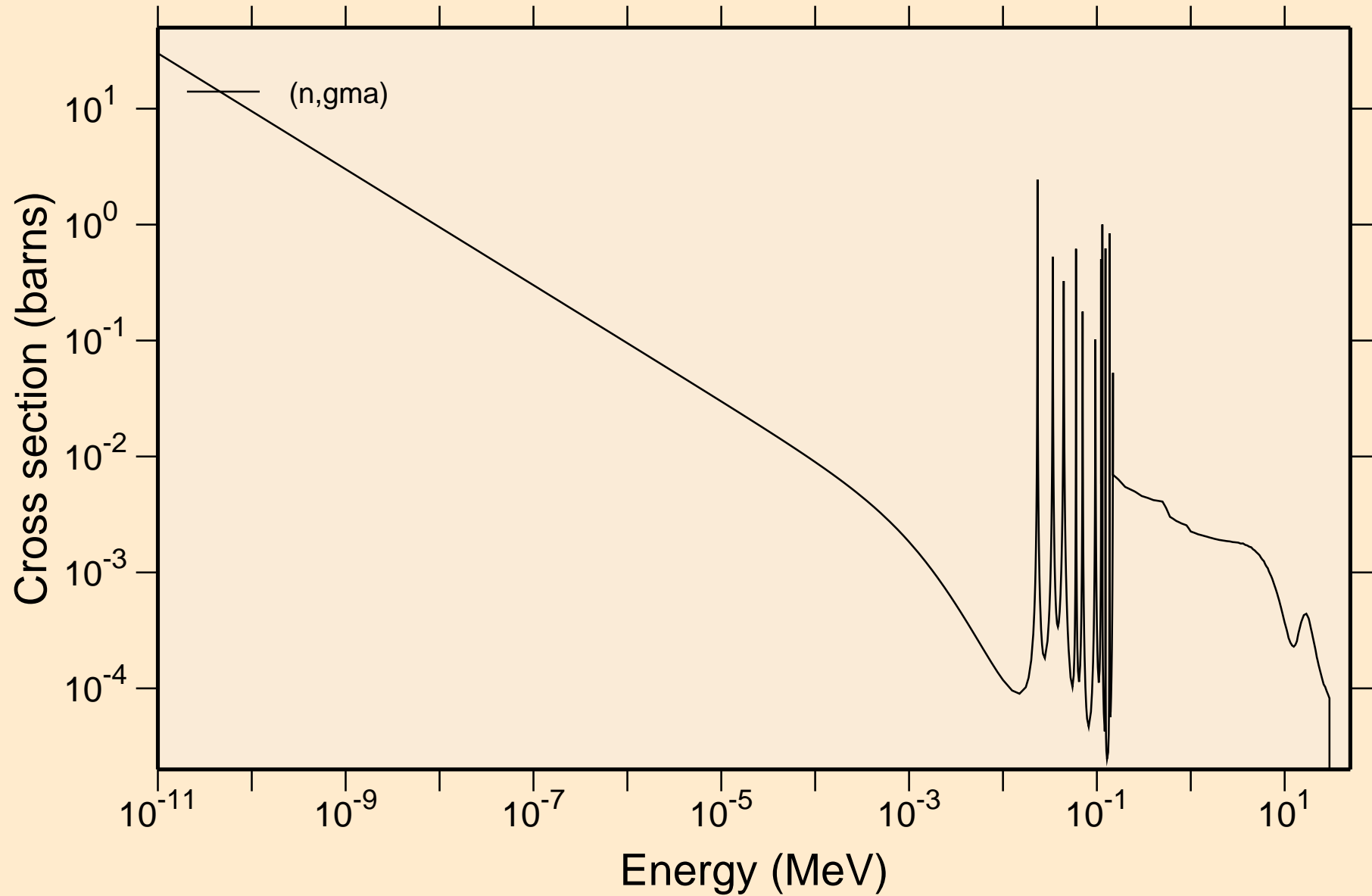
# SC053 NRG TENDL-2015, AKONING

## Principal cross sections



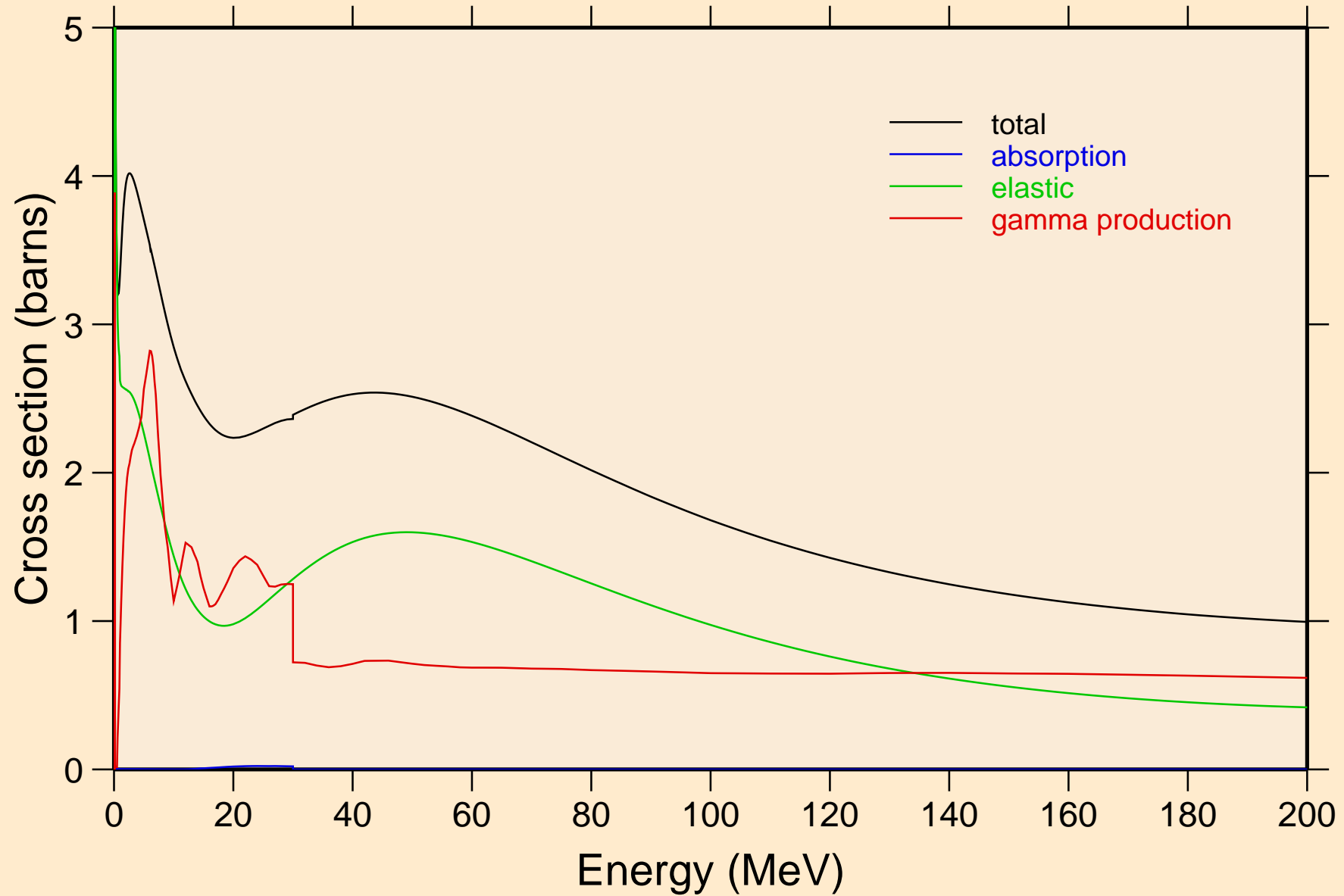
# SC053 NRG TENDL-2015, AKONING

## Non-threshold reactions

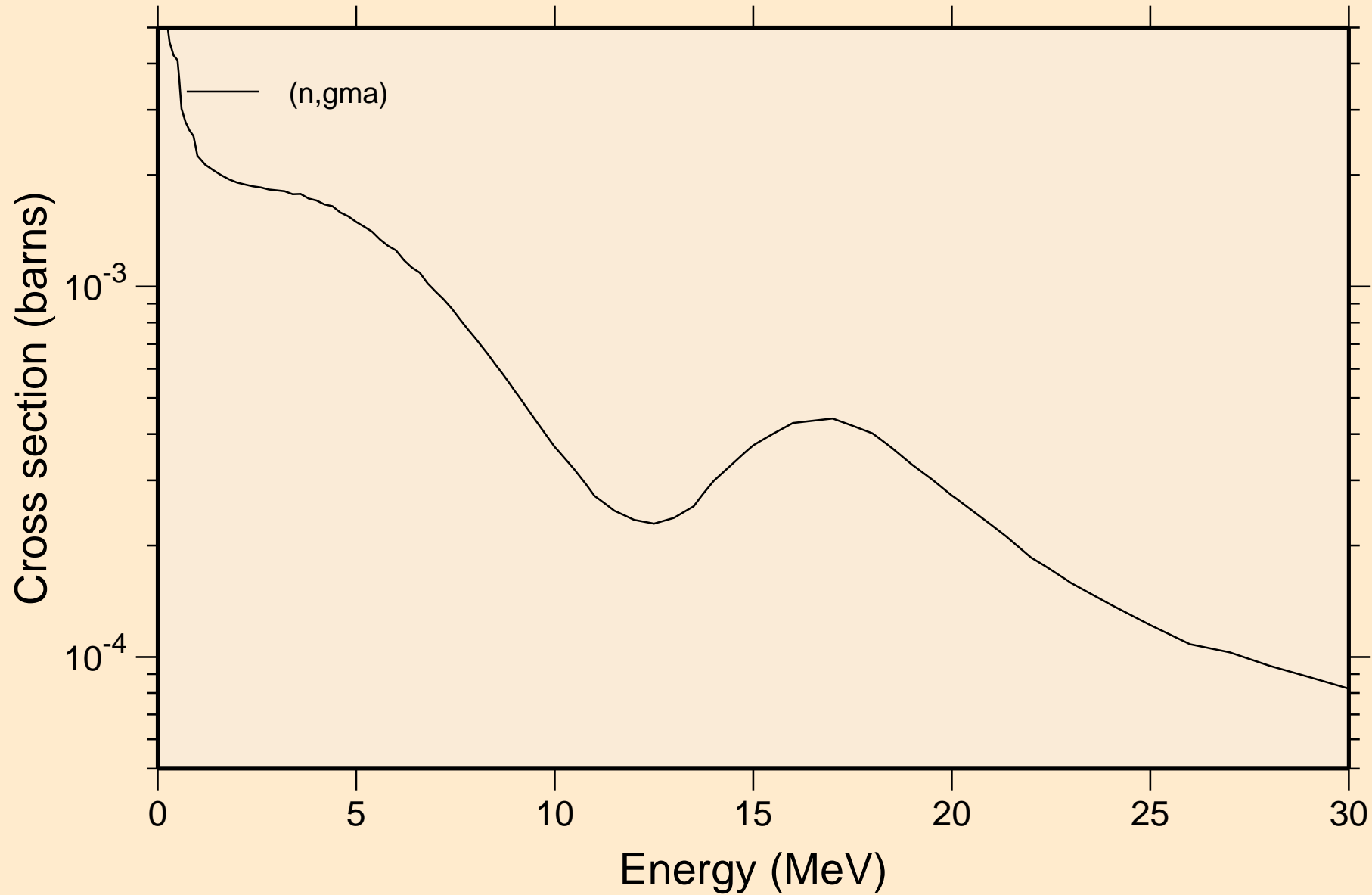


# SC053 NRG TENDL-2015, AKONING

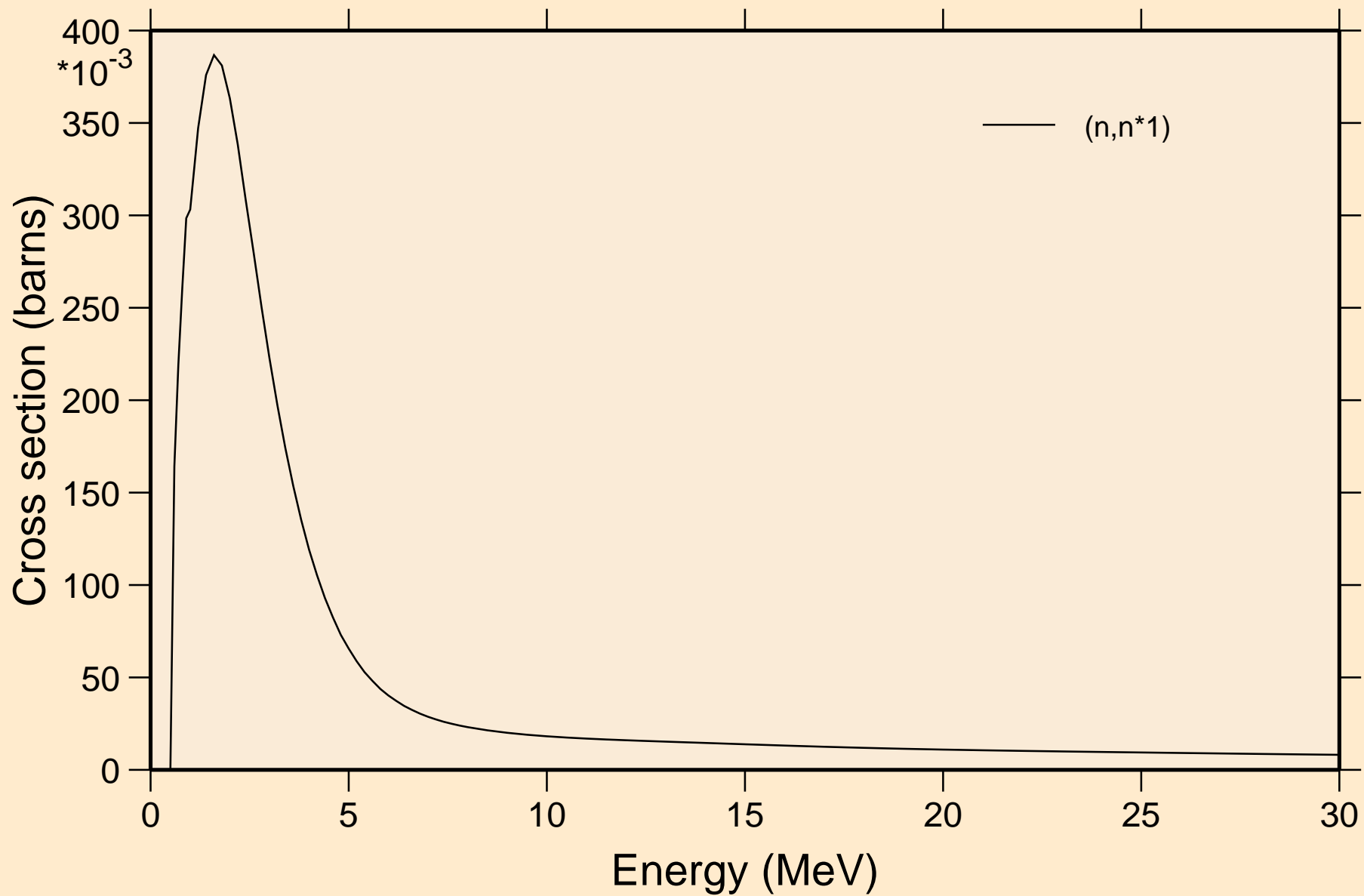
## Principal cross sections



SC053 NRG TENDL-2015, AKONING  
Non-threshold reactions

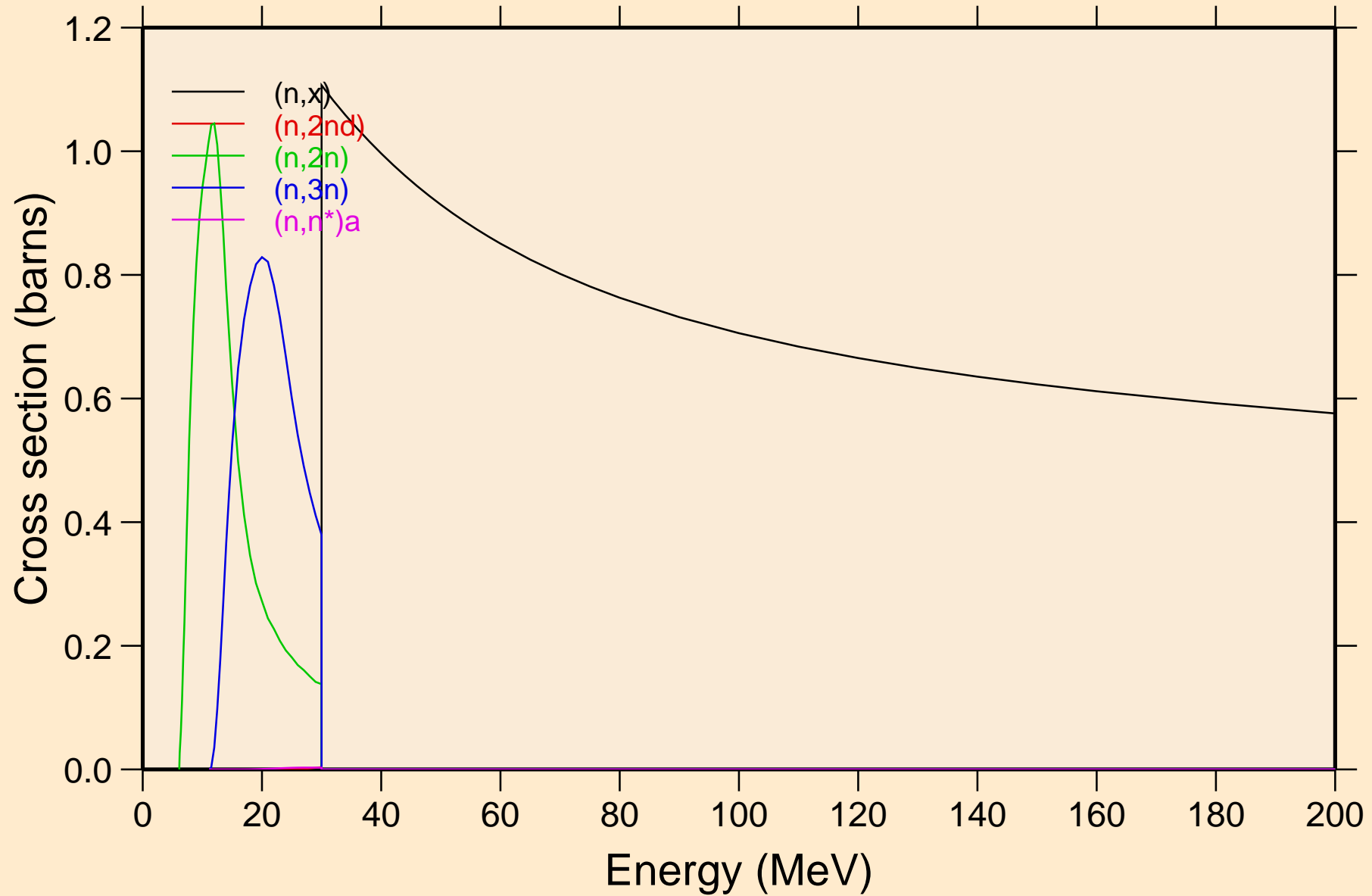


SC053 NRG TENDL-2015, AKONING  
Inelastic levels



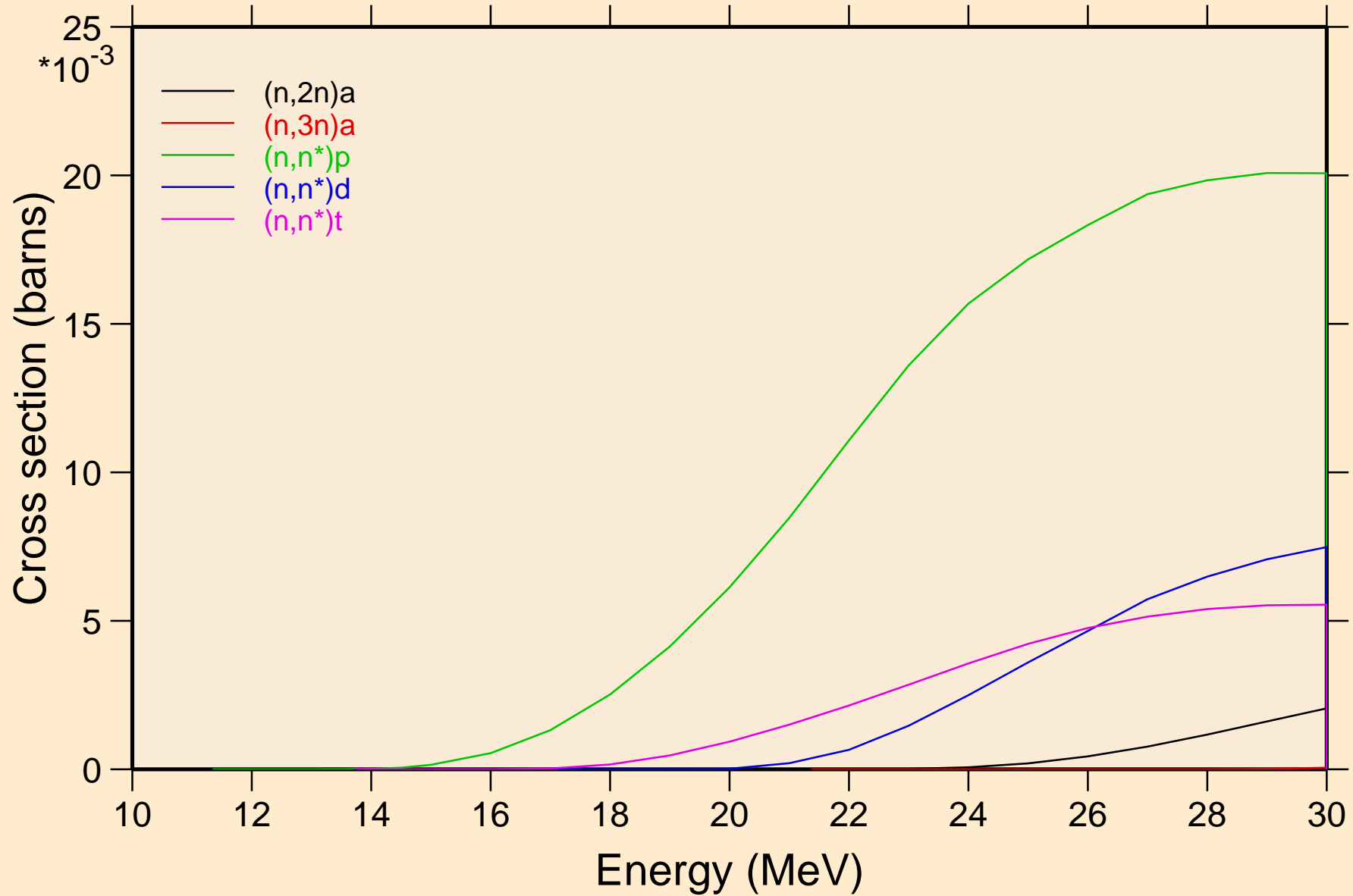
# SC053 NRG TENDL-2015, AKONING

## Threshold reactions



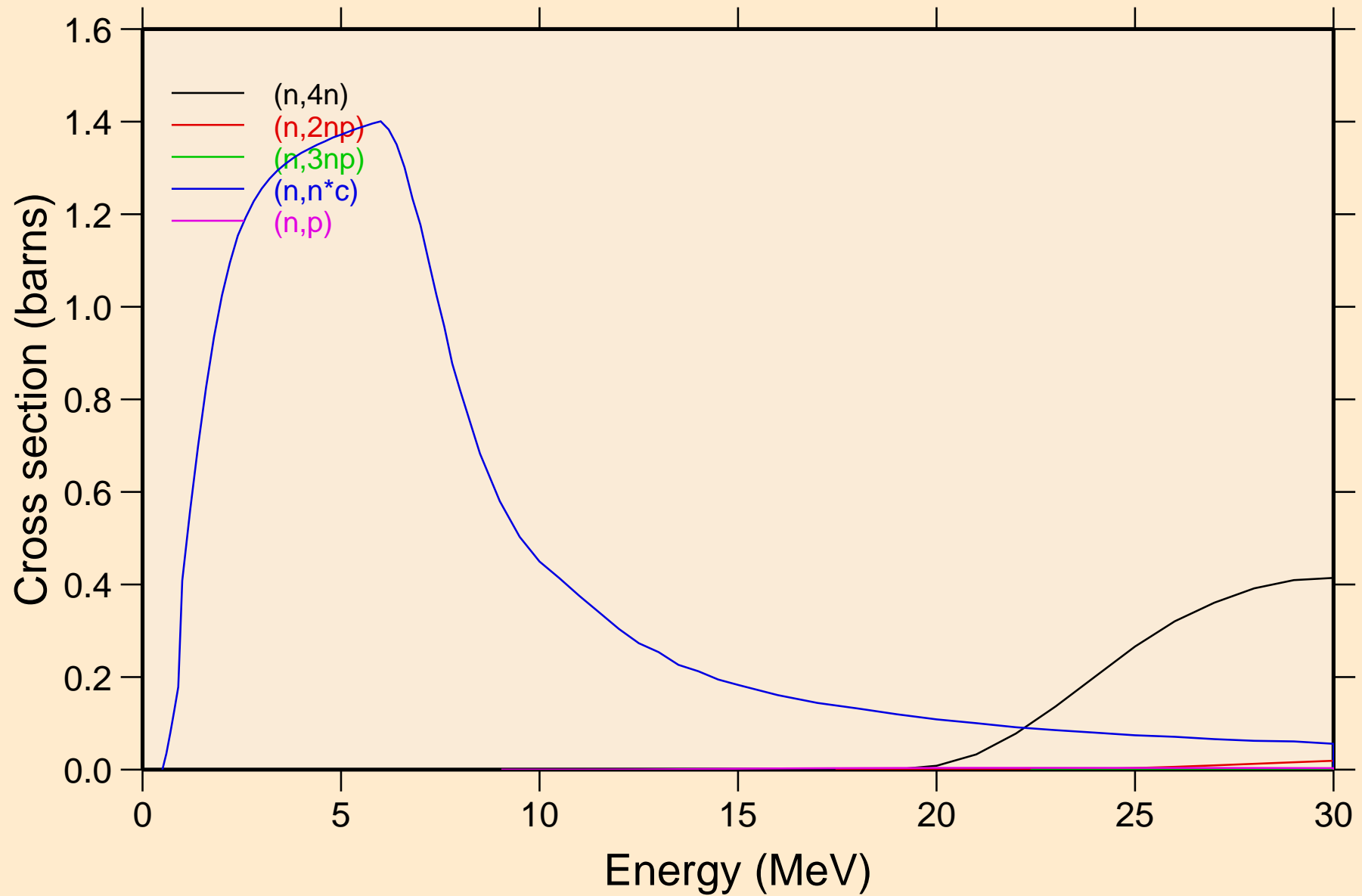
# SC053 NRG TENDL-2015, AKONING

## Threshold reactions



# SC053 NRG TENDL-2015, AKONING

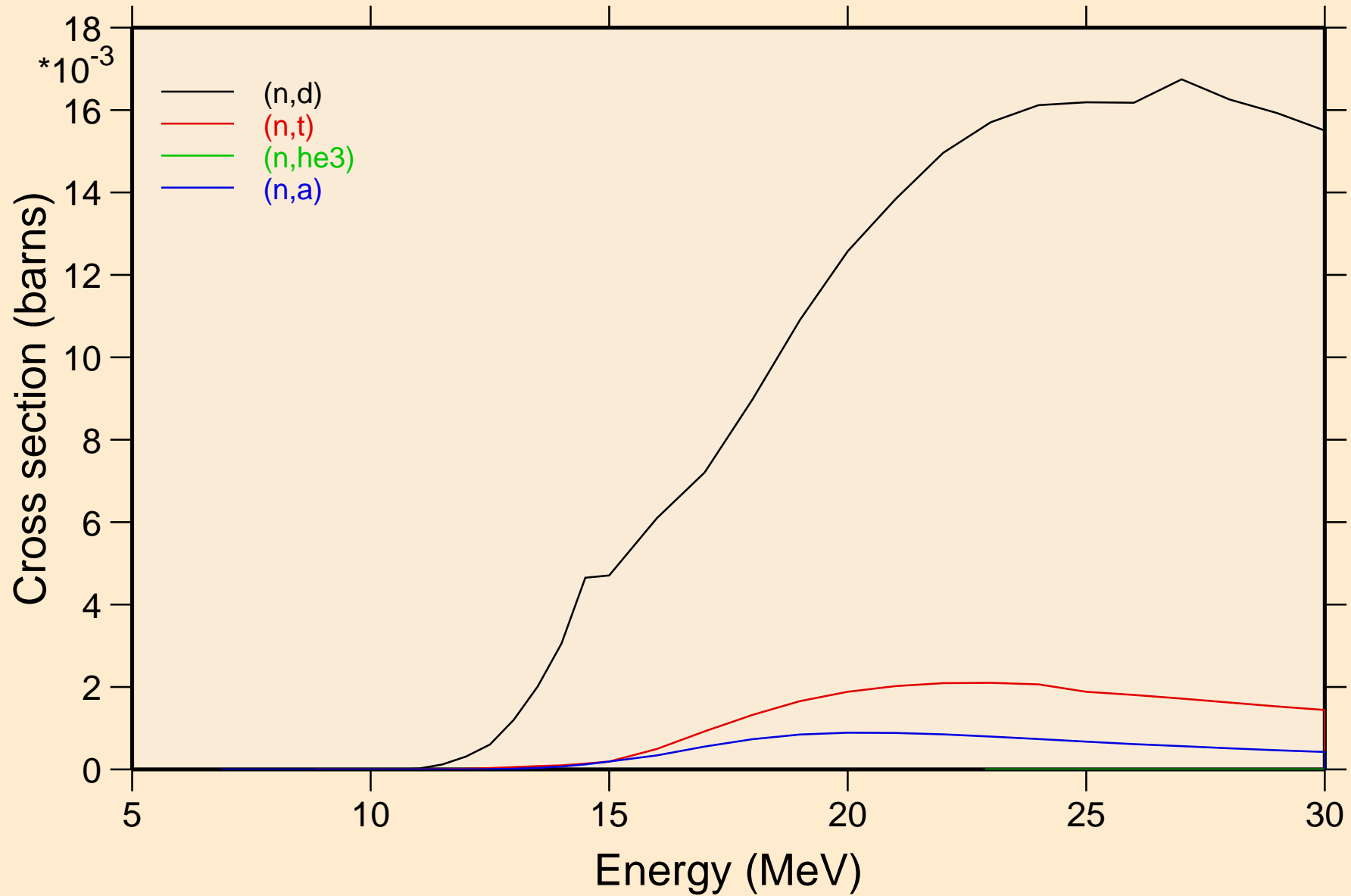
## Threshold reactions



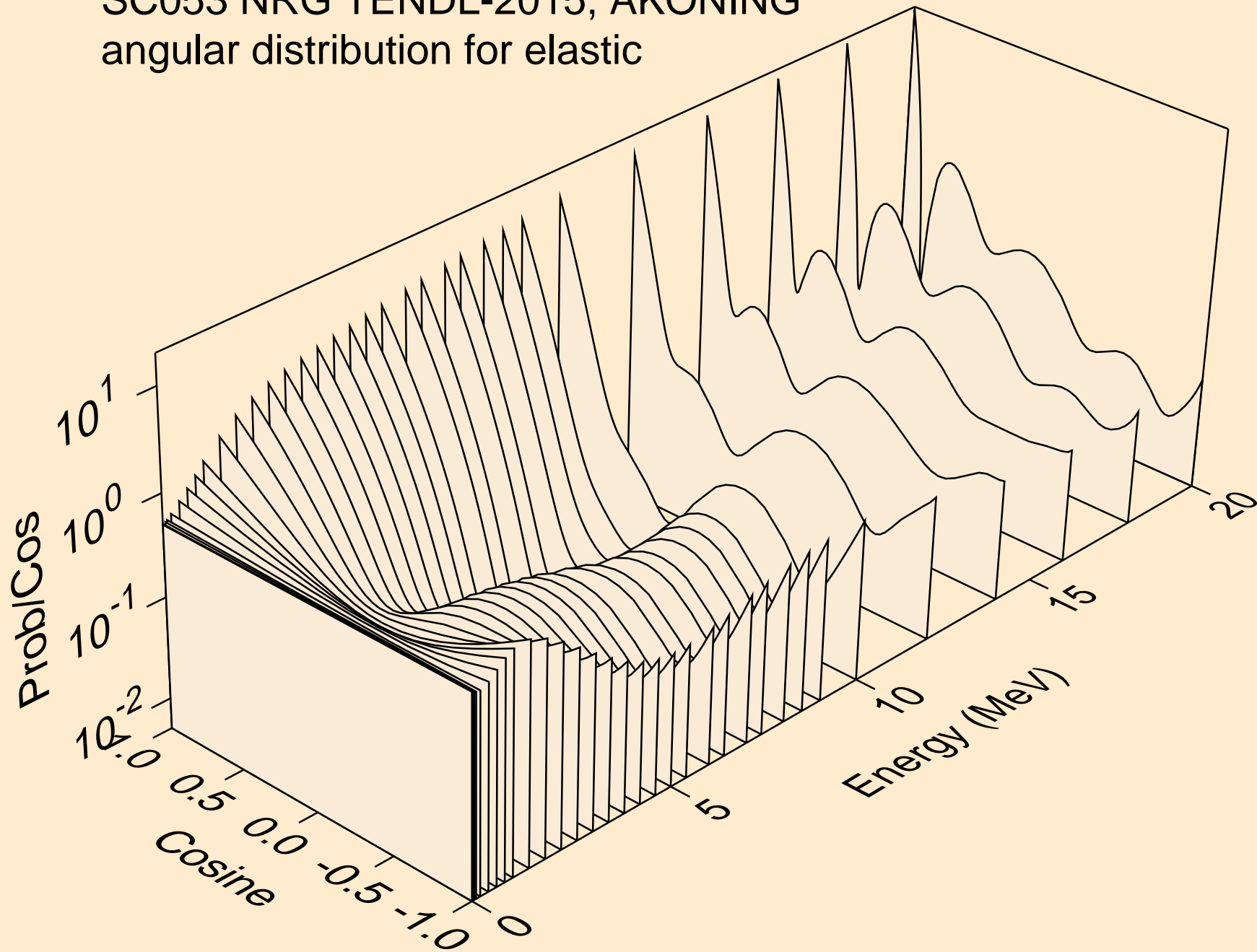


# SC053 NRG TENDL-2015, AKONING

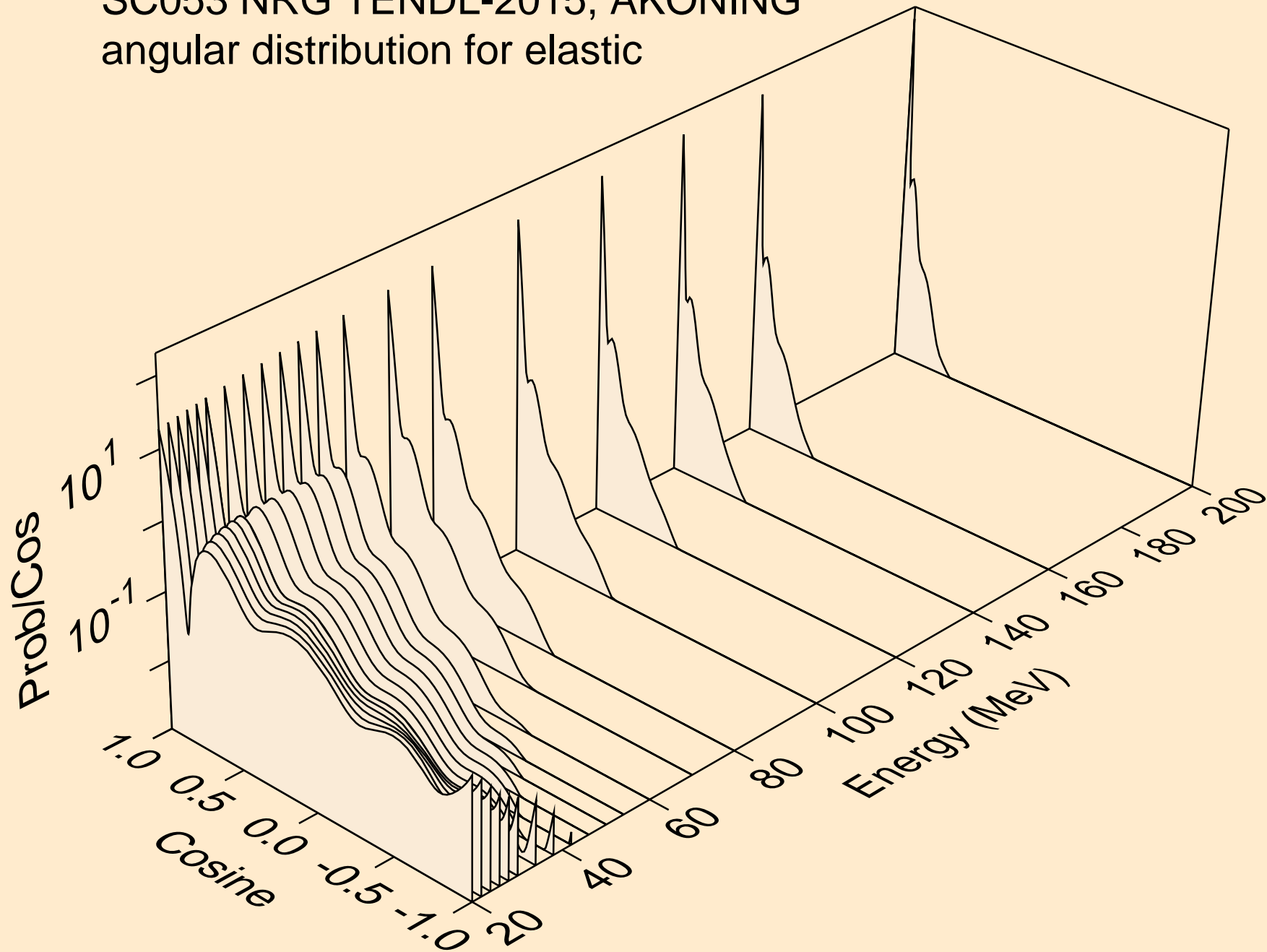
## Threshold reactions



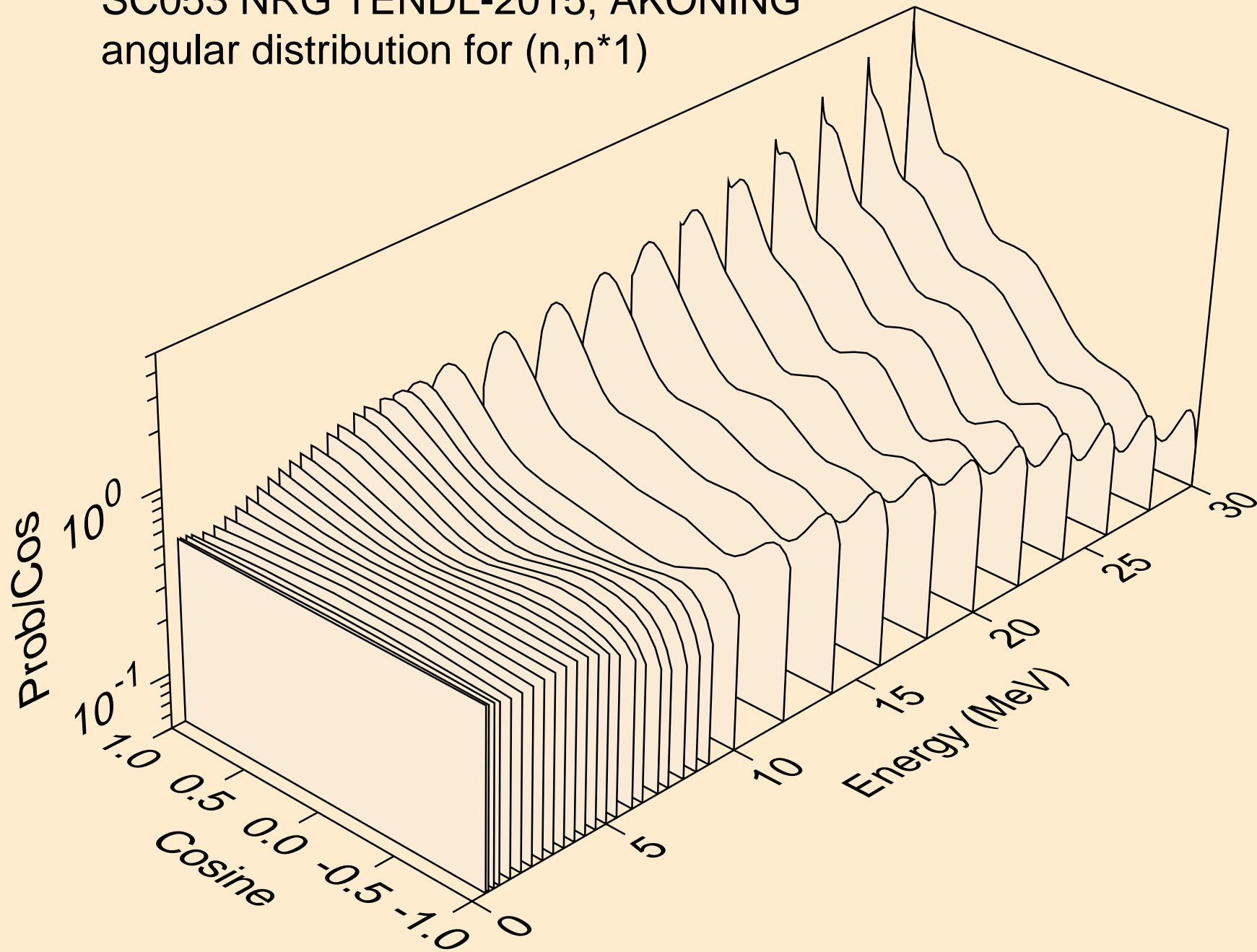
SC053 NRG TENDL-2015, AKONING  
angular distribution for elastic



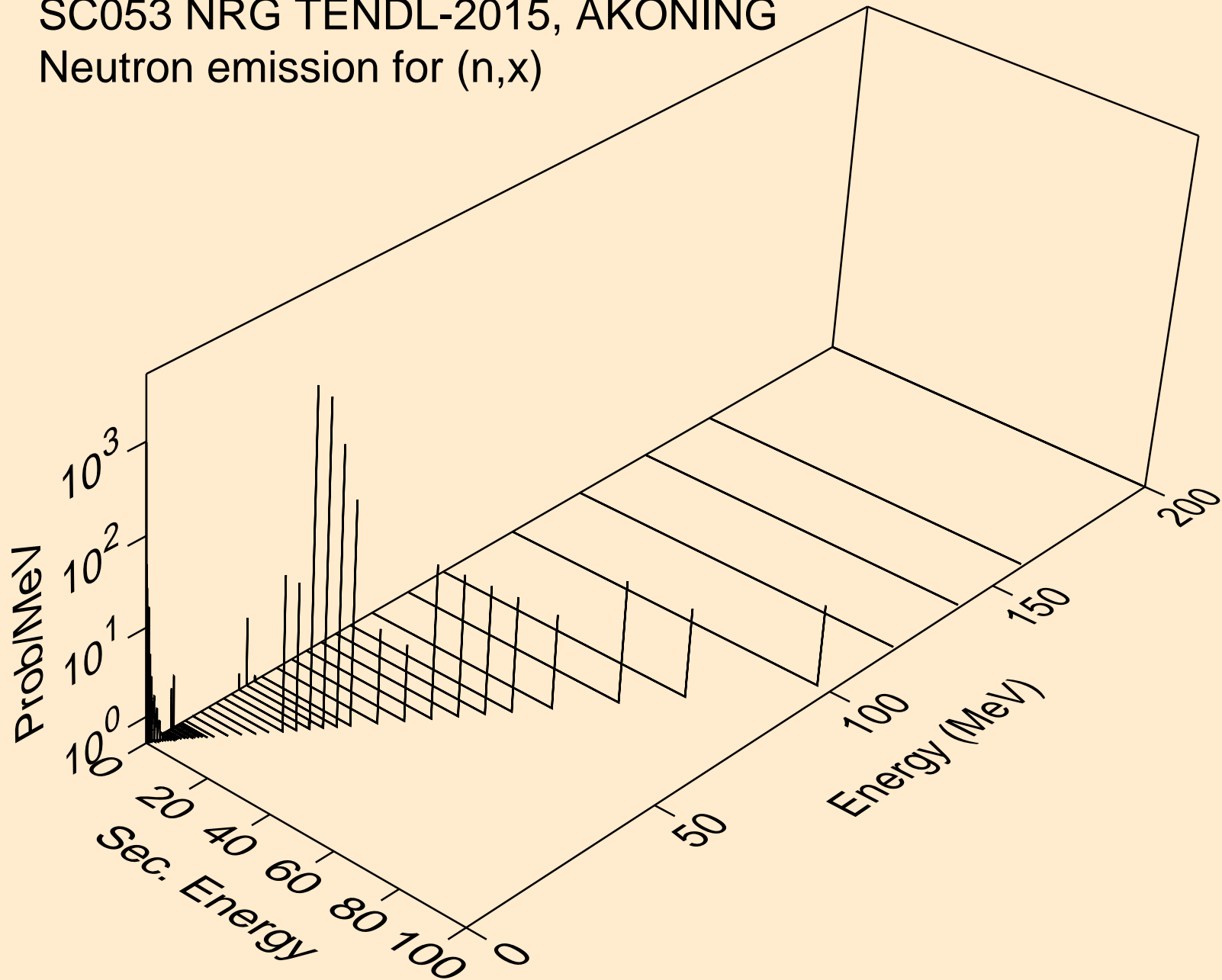
SC053 NRG TENDL-2015, AKONING  
angular distribution for elastic



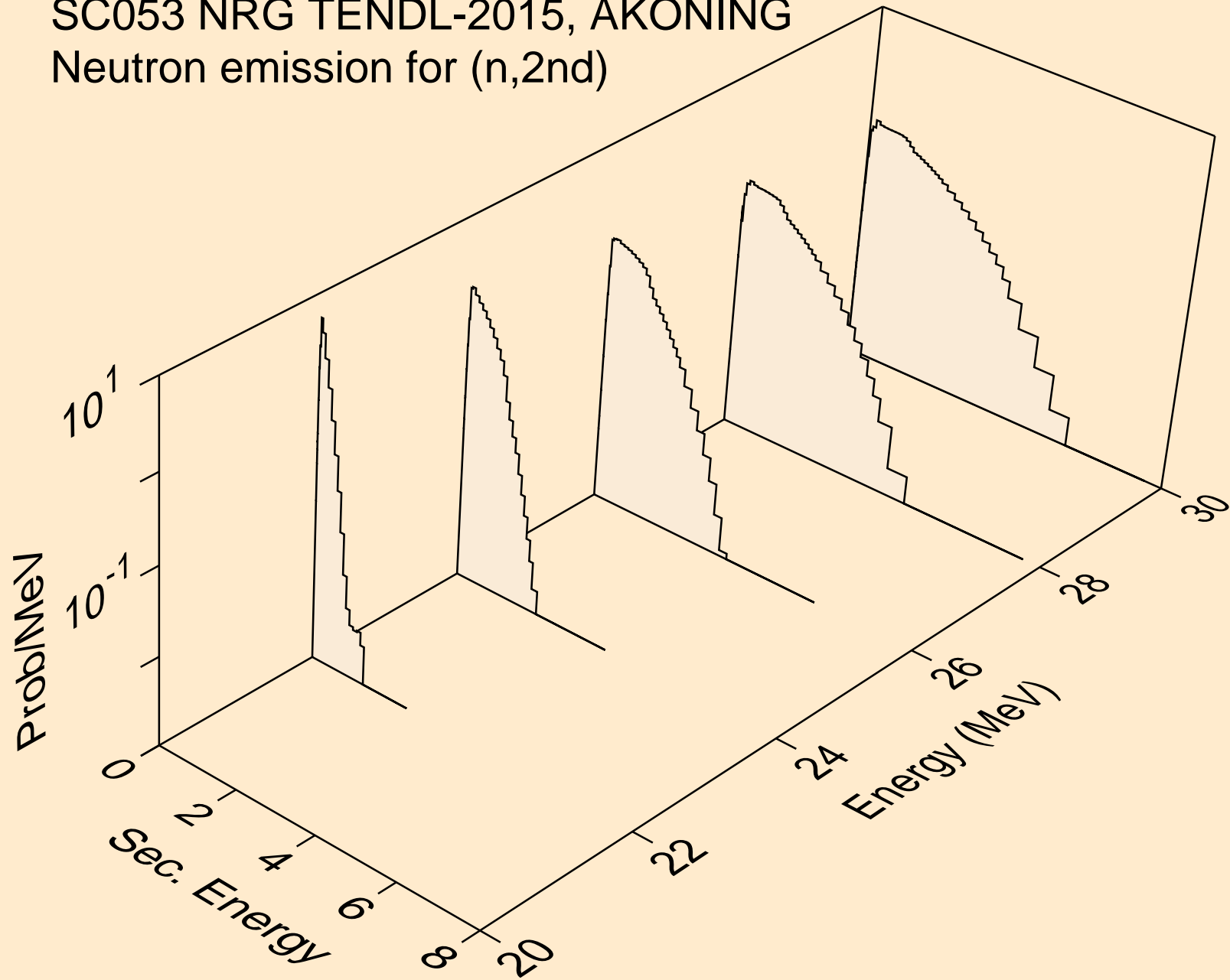
SC053 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



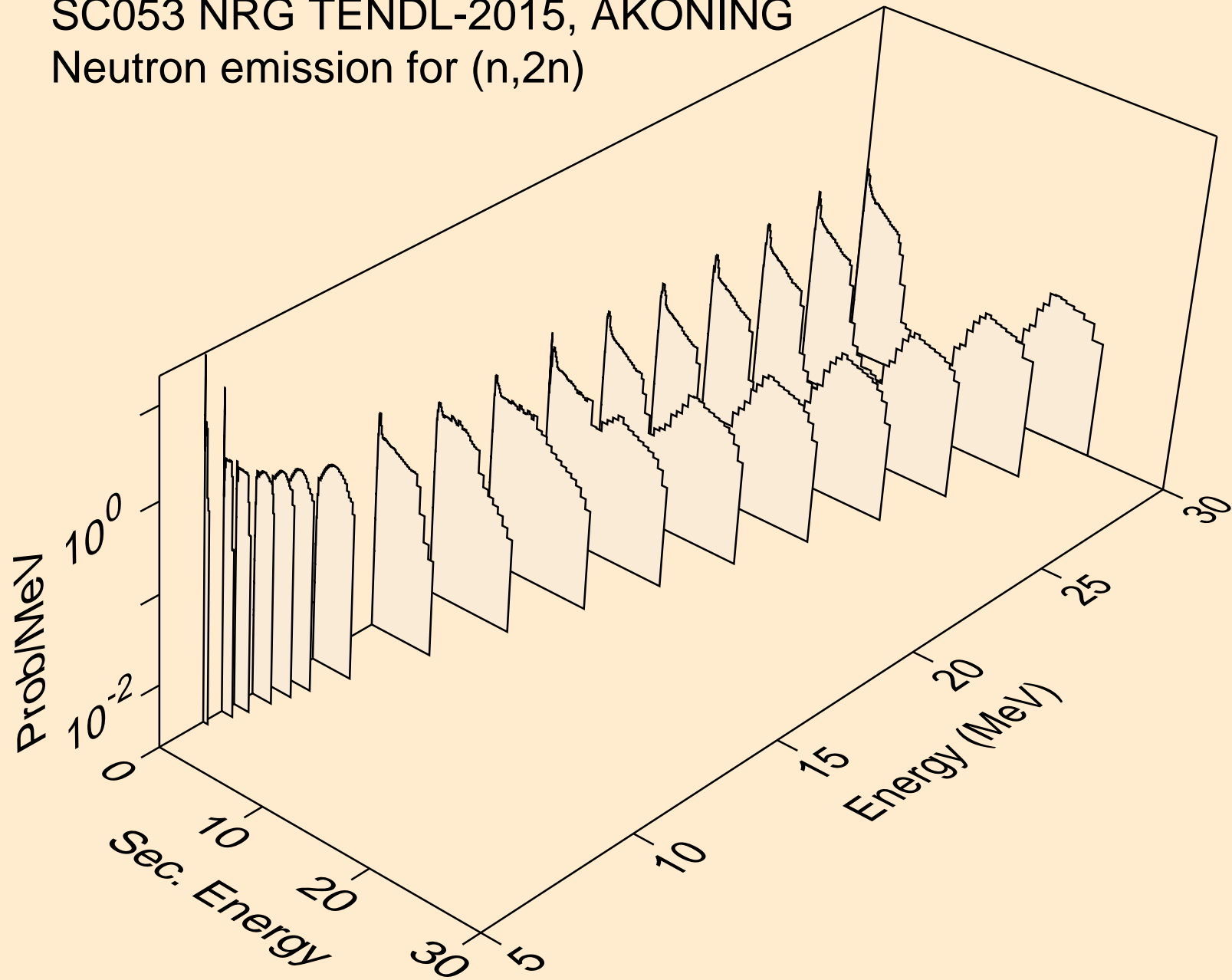
SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



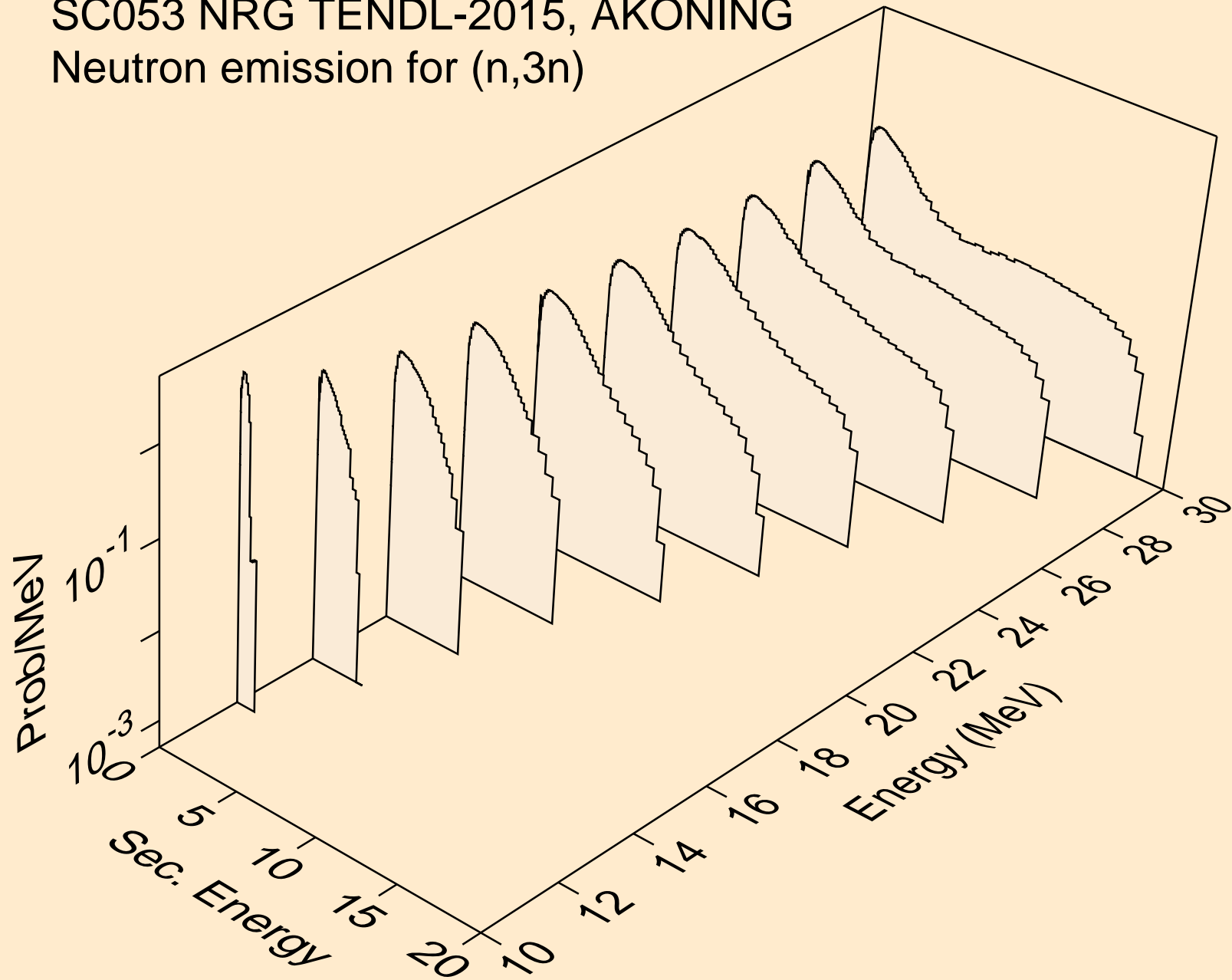
SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

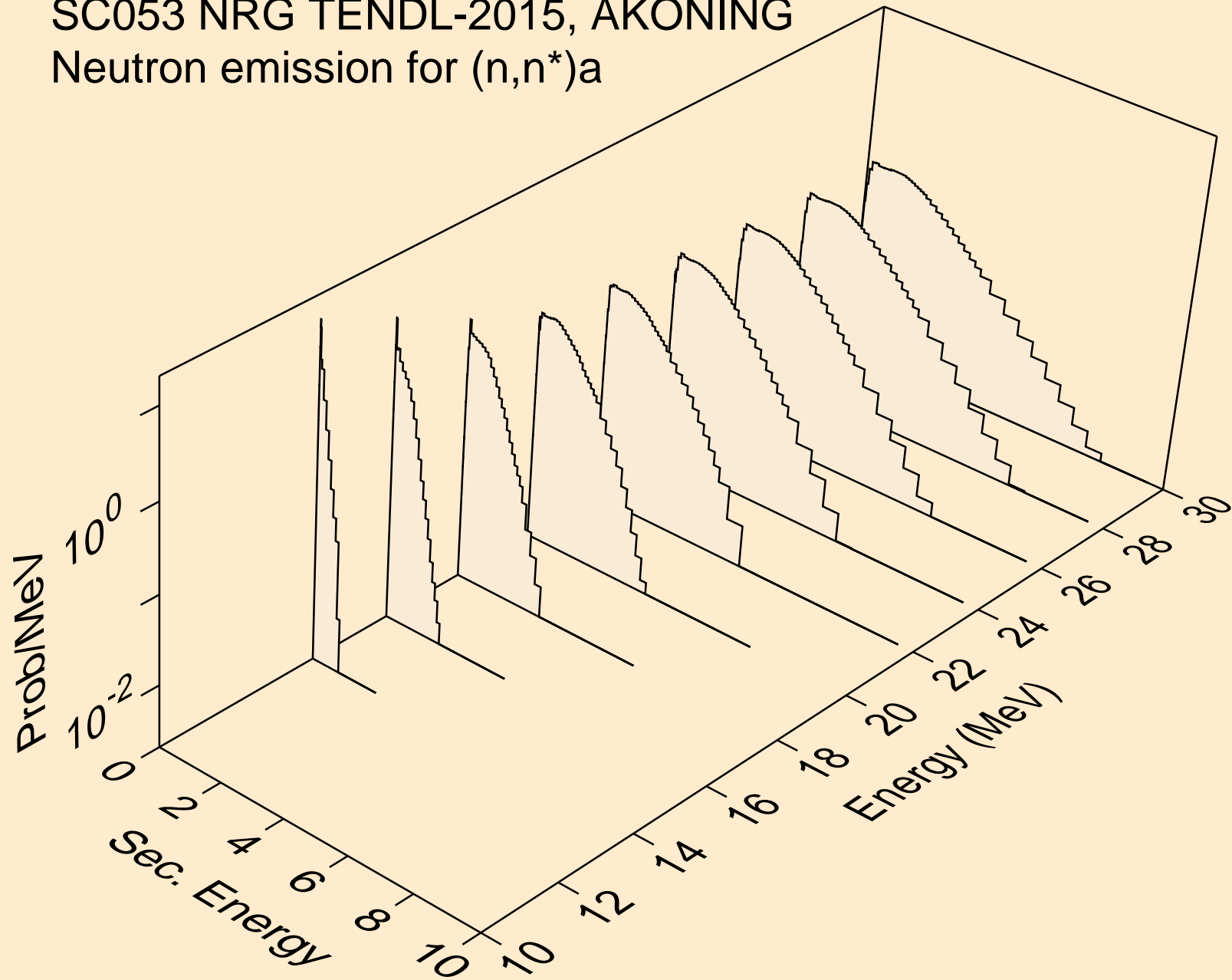


SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

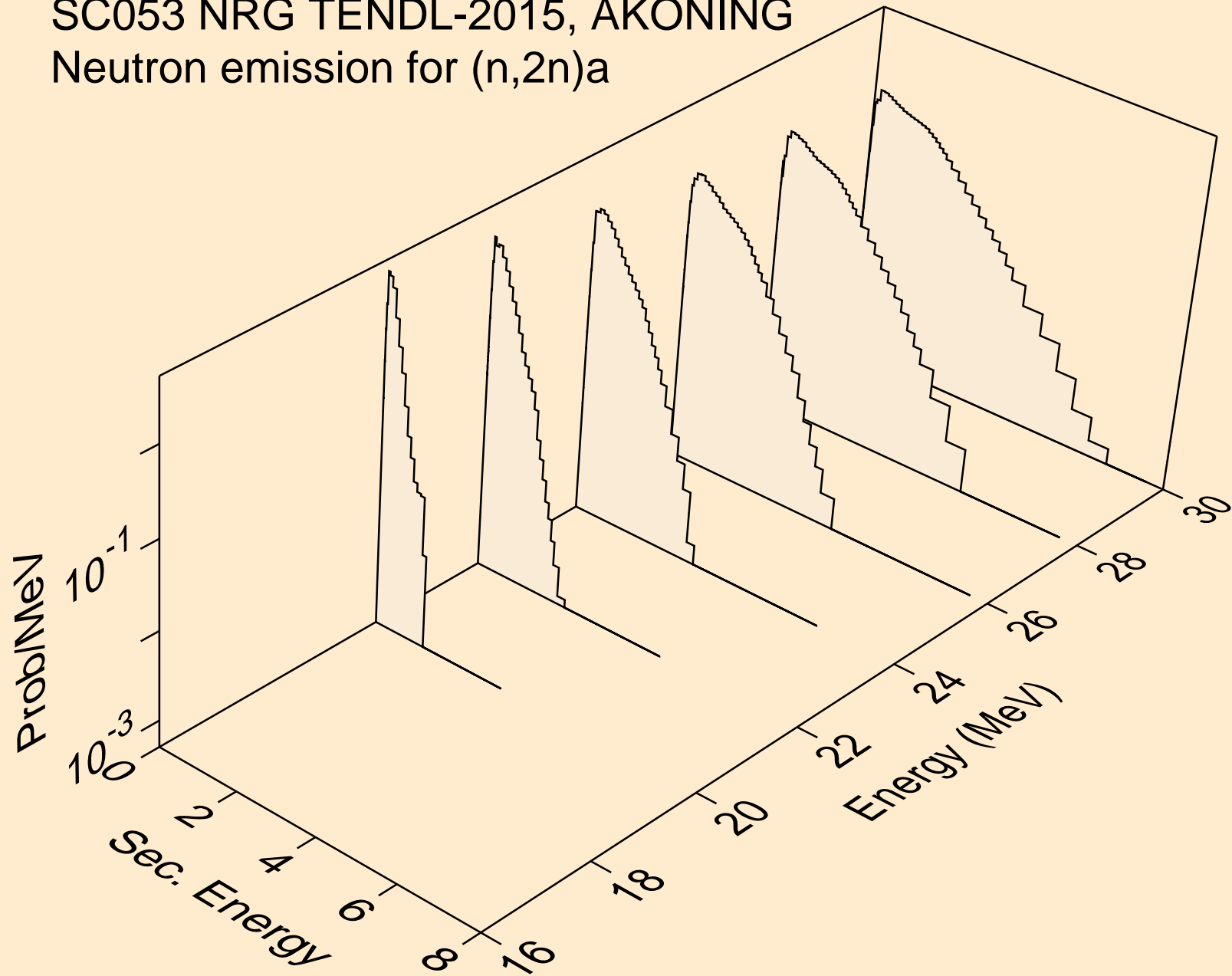




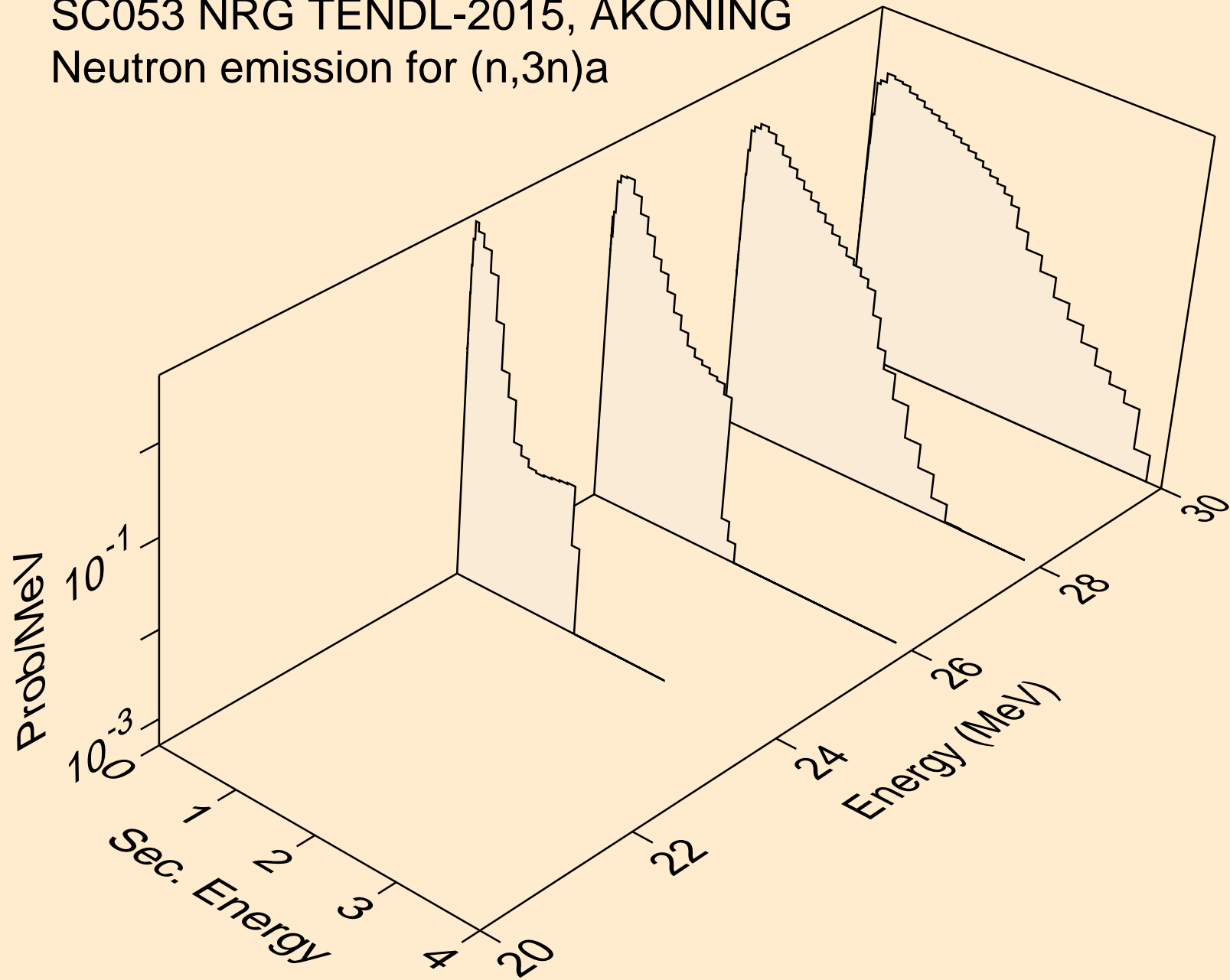
SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



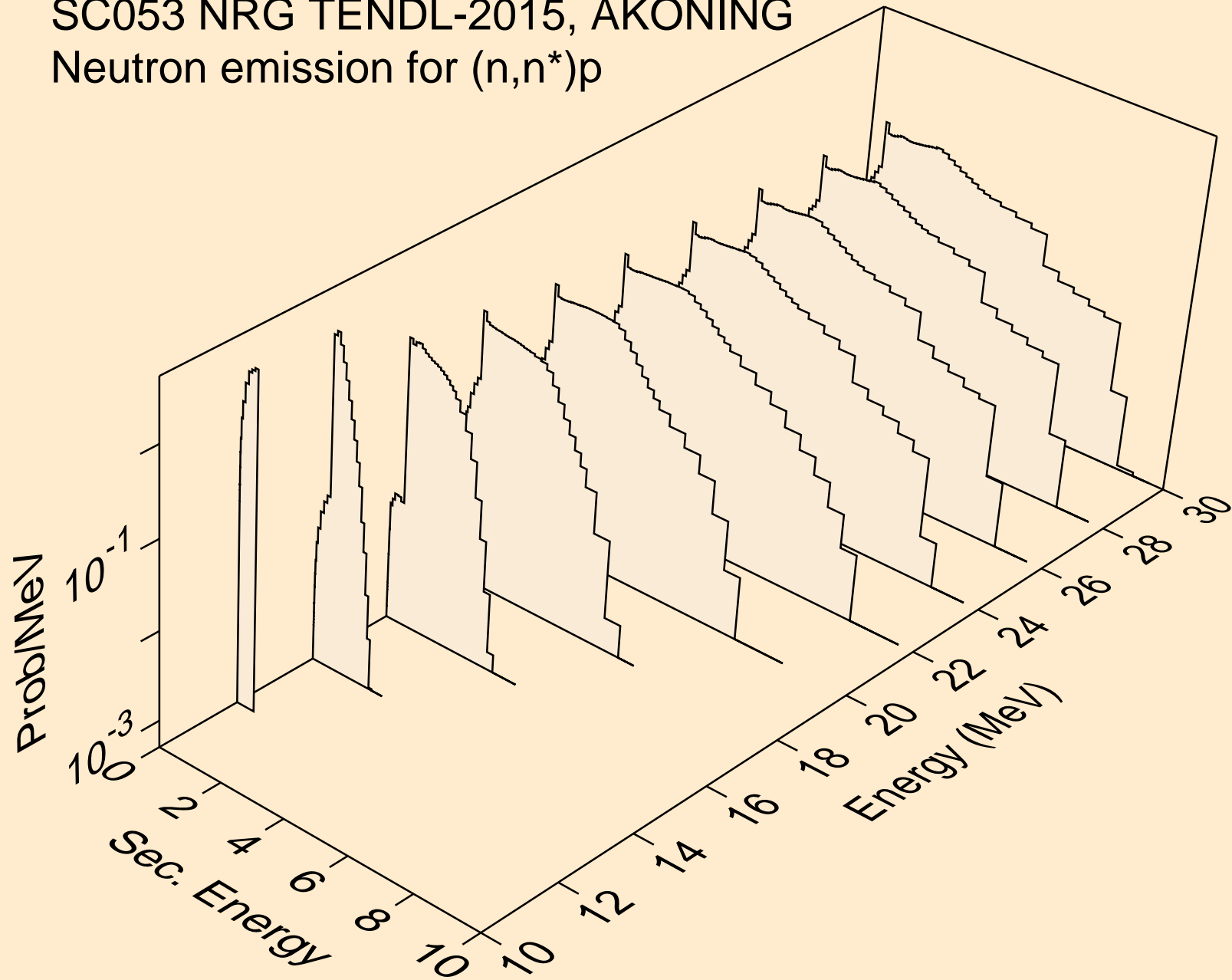
SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



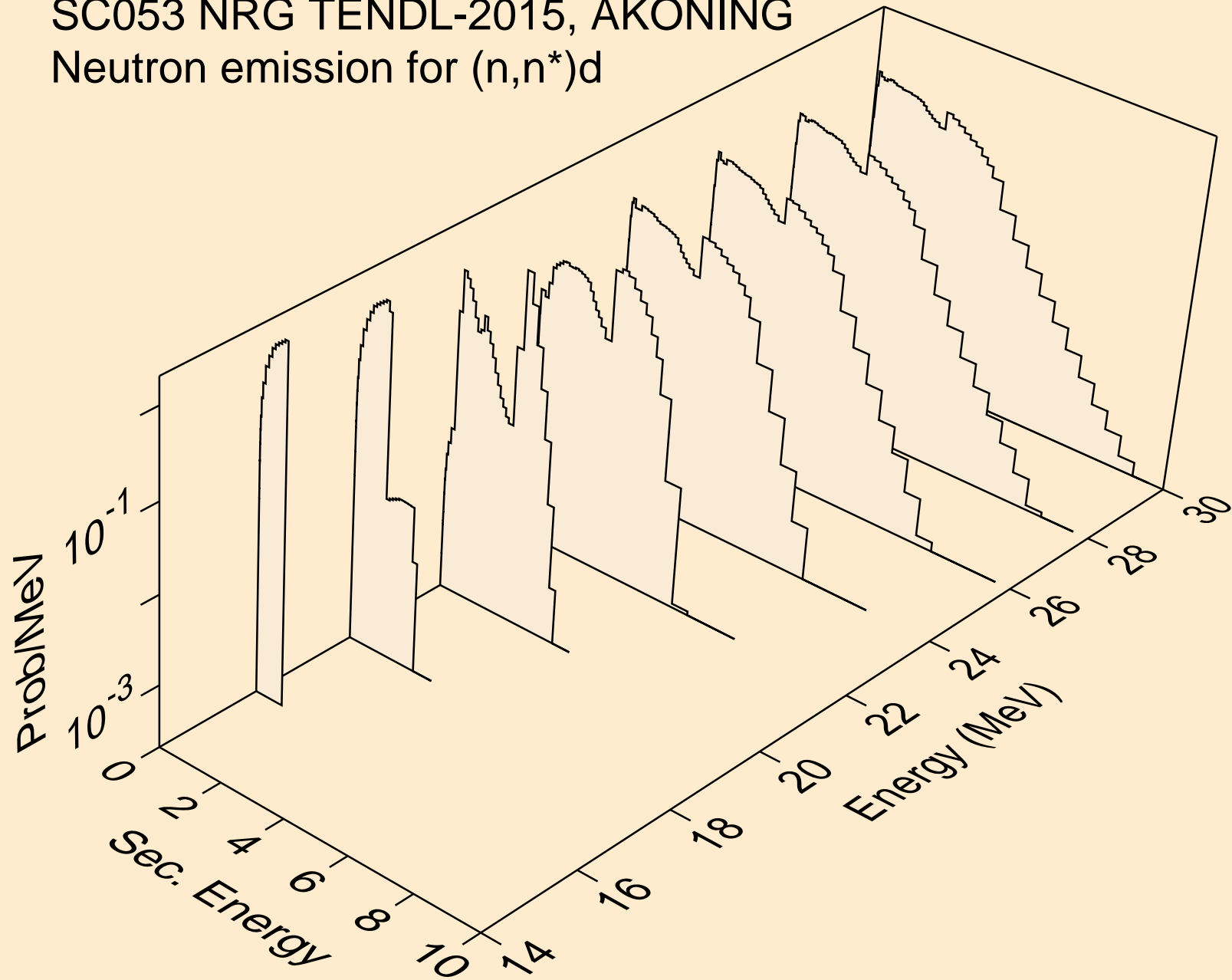
SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



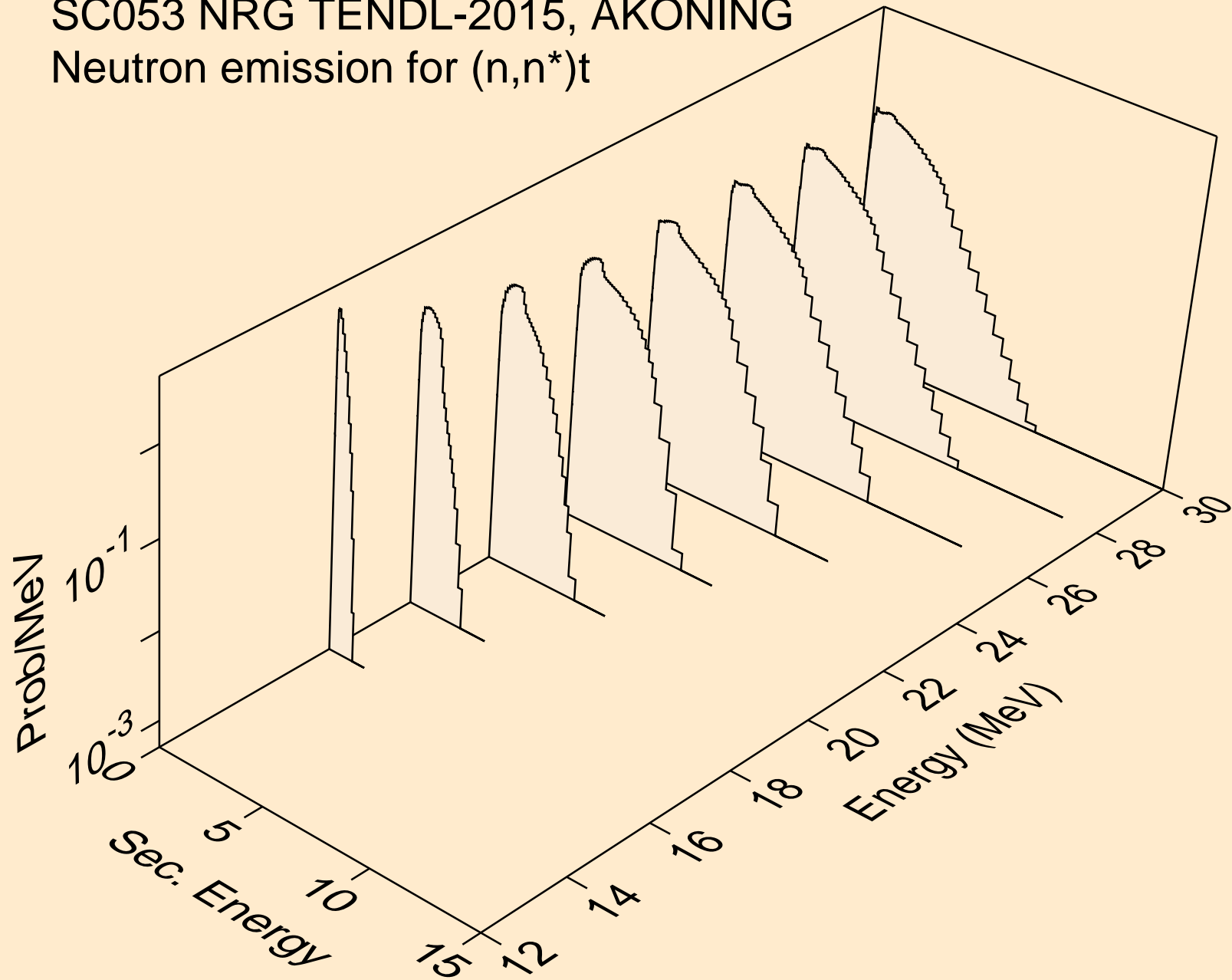
SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



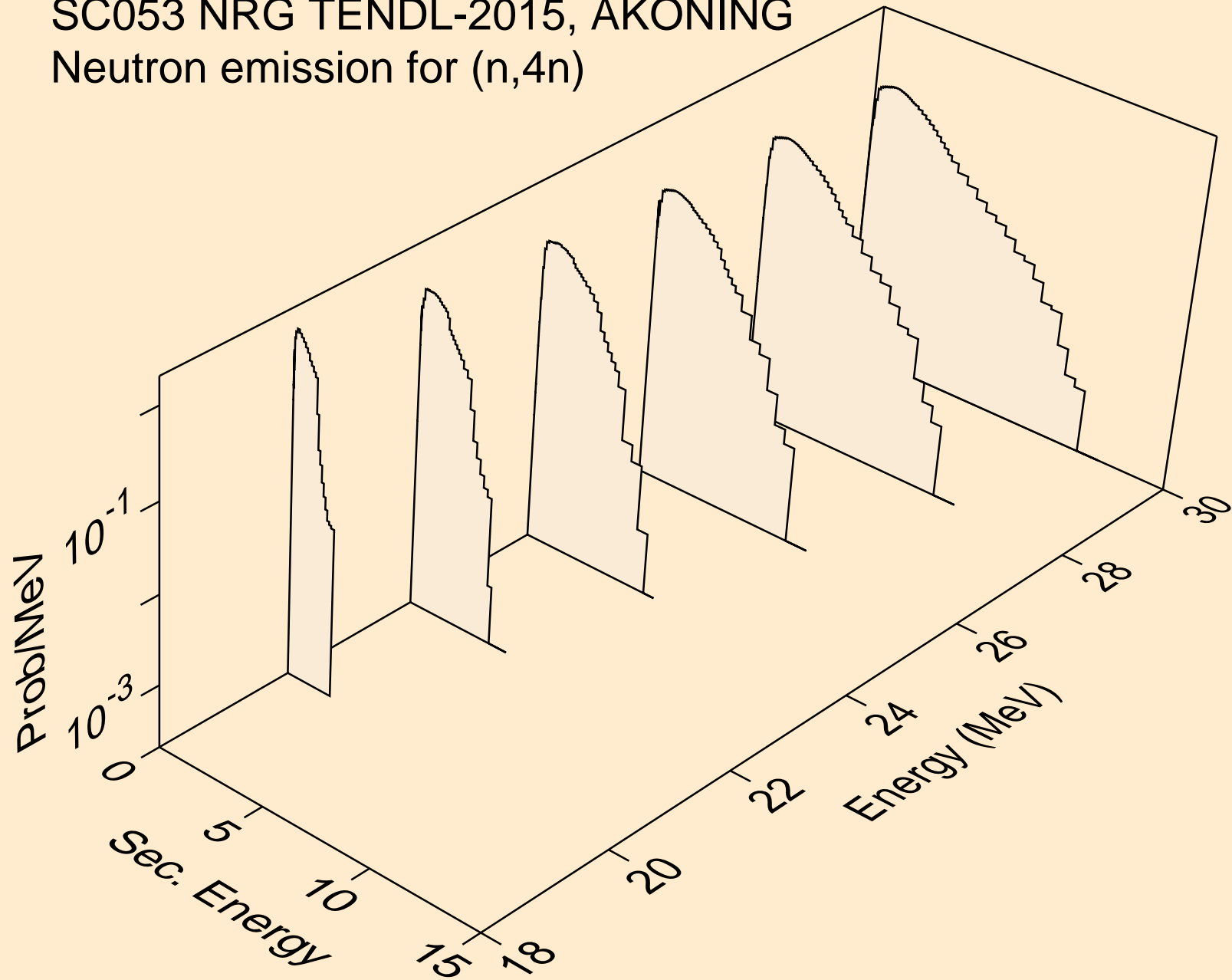
SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



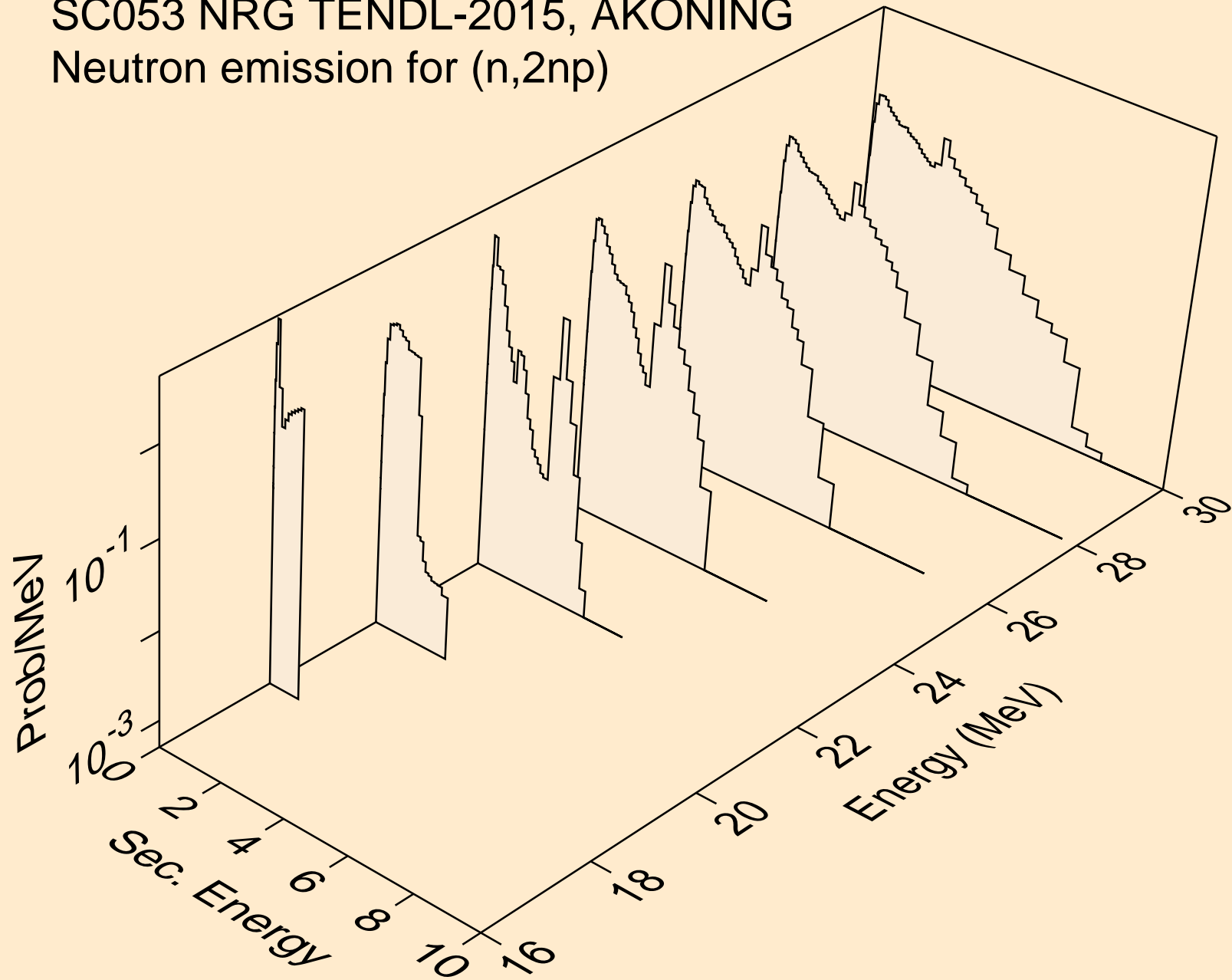
SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

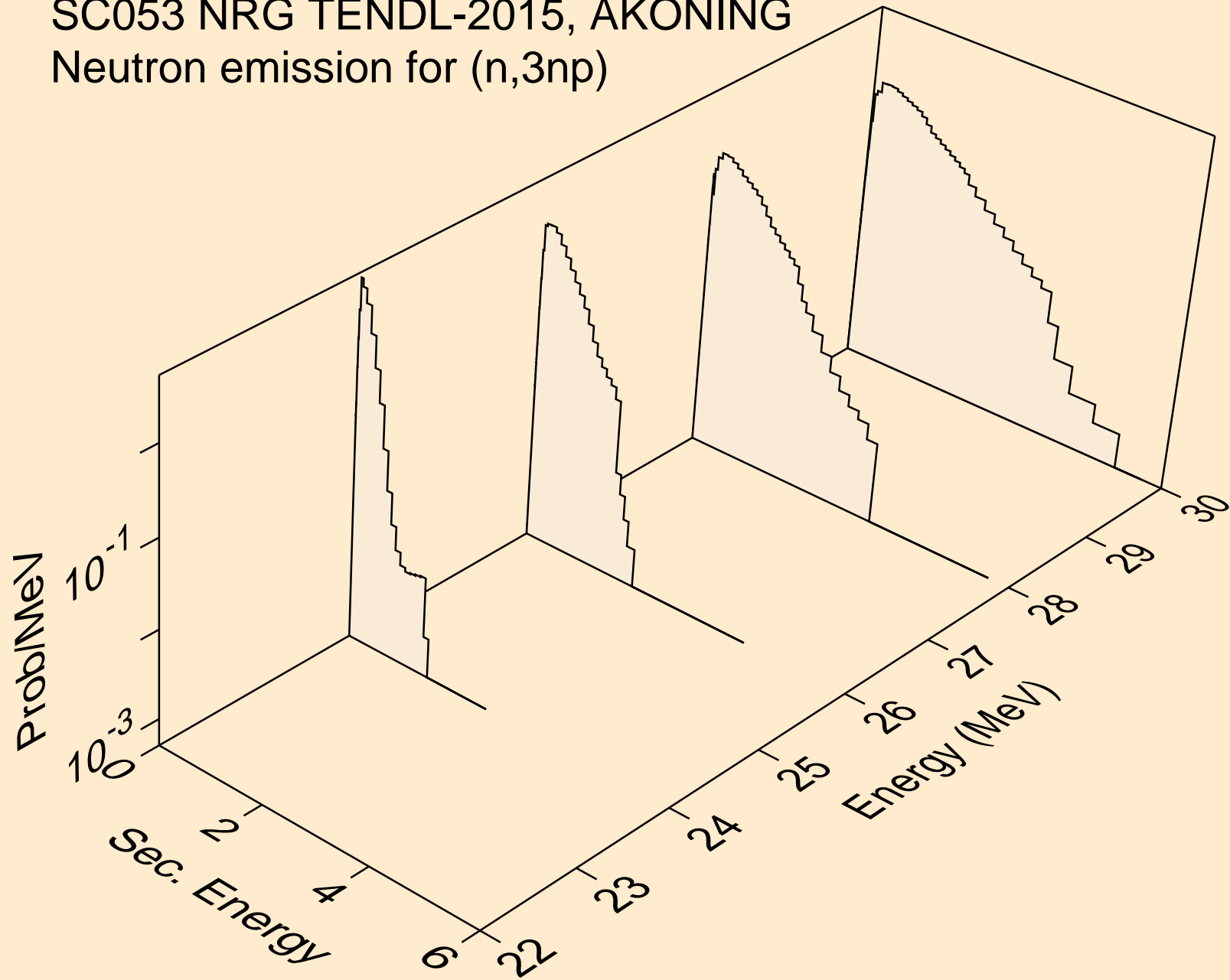


SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

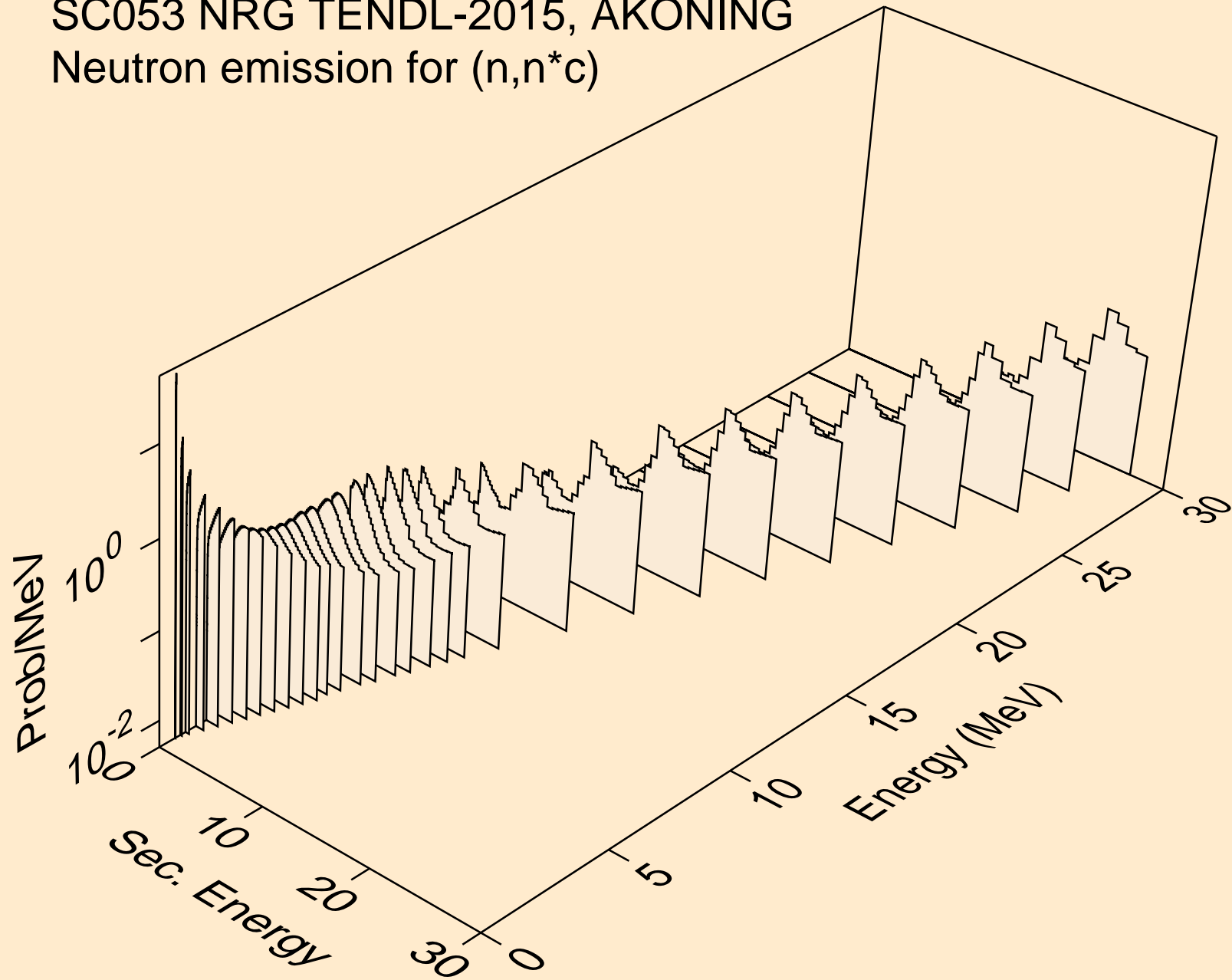




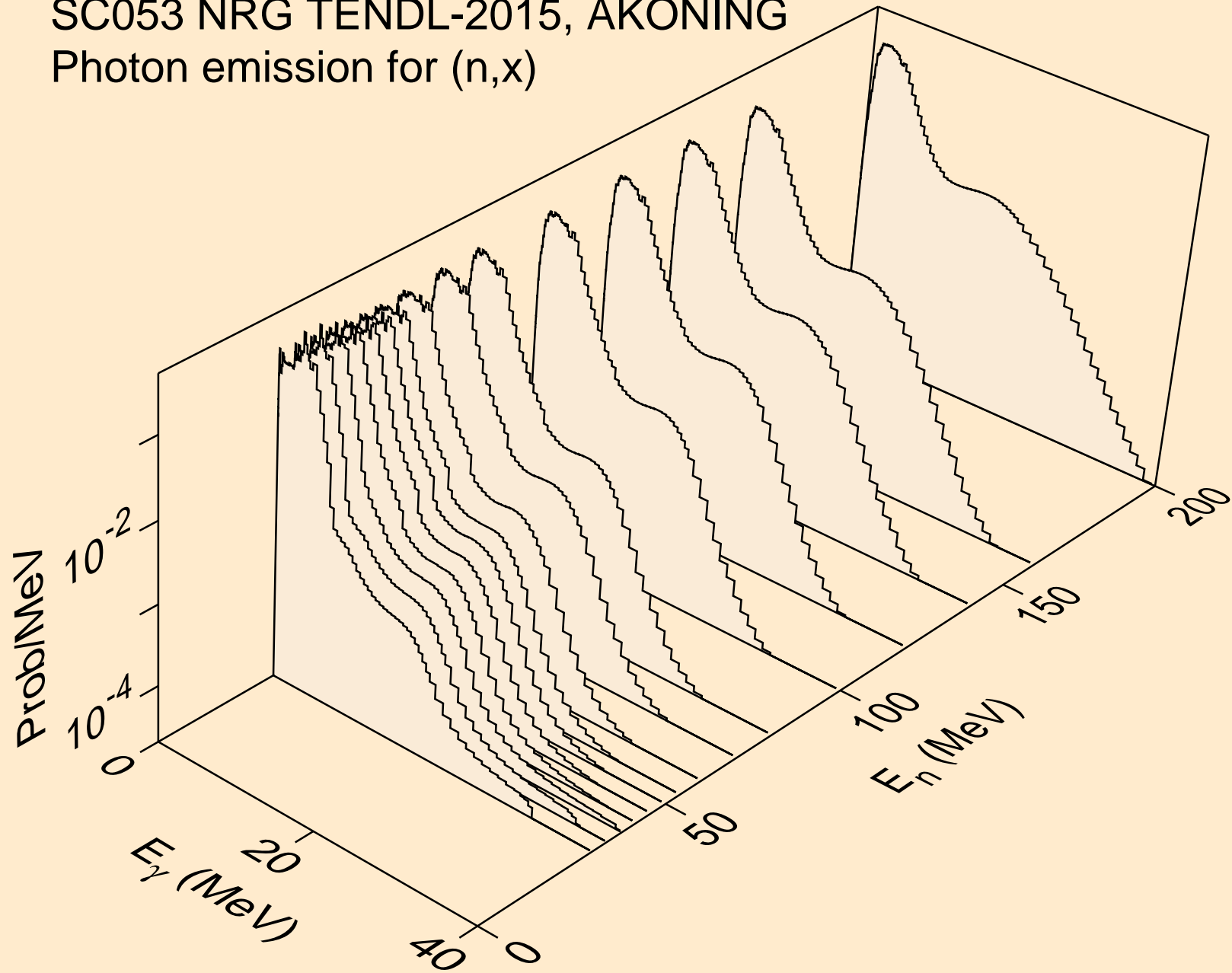
SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



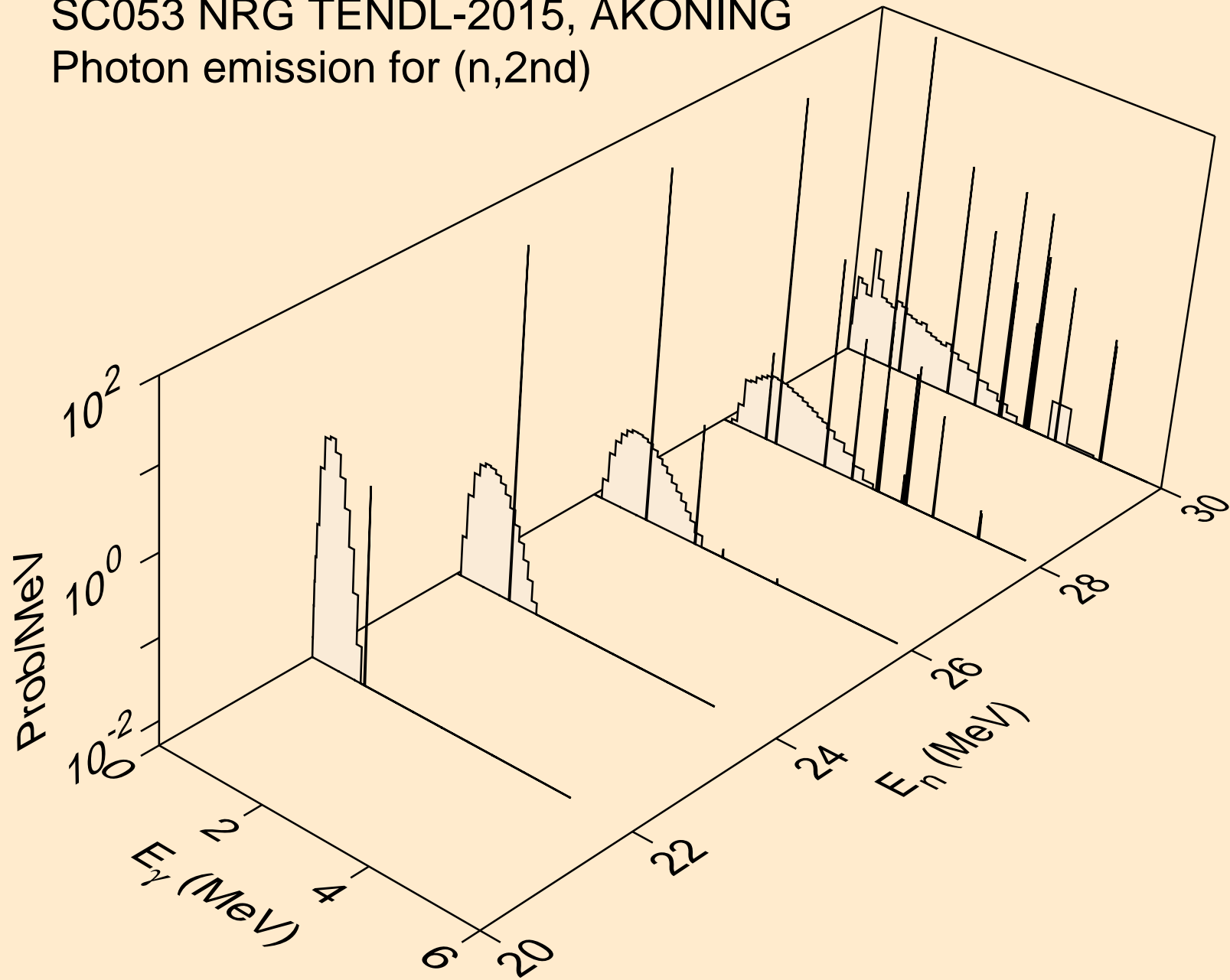
SC053 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



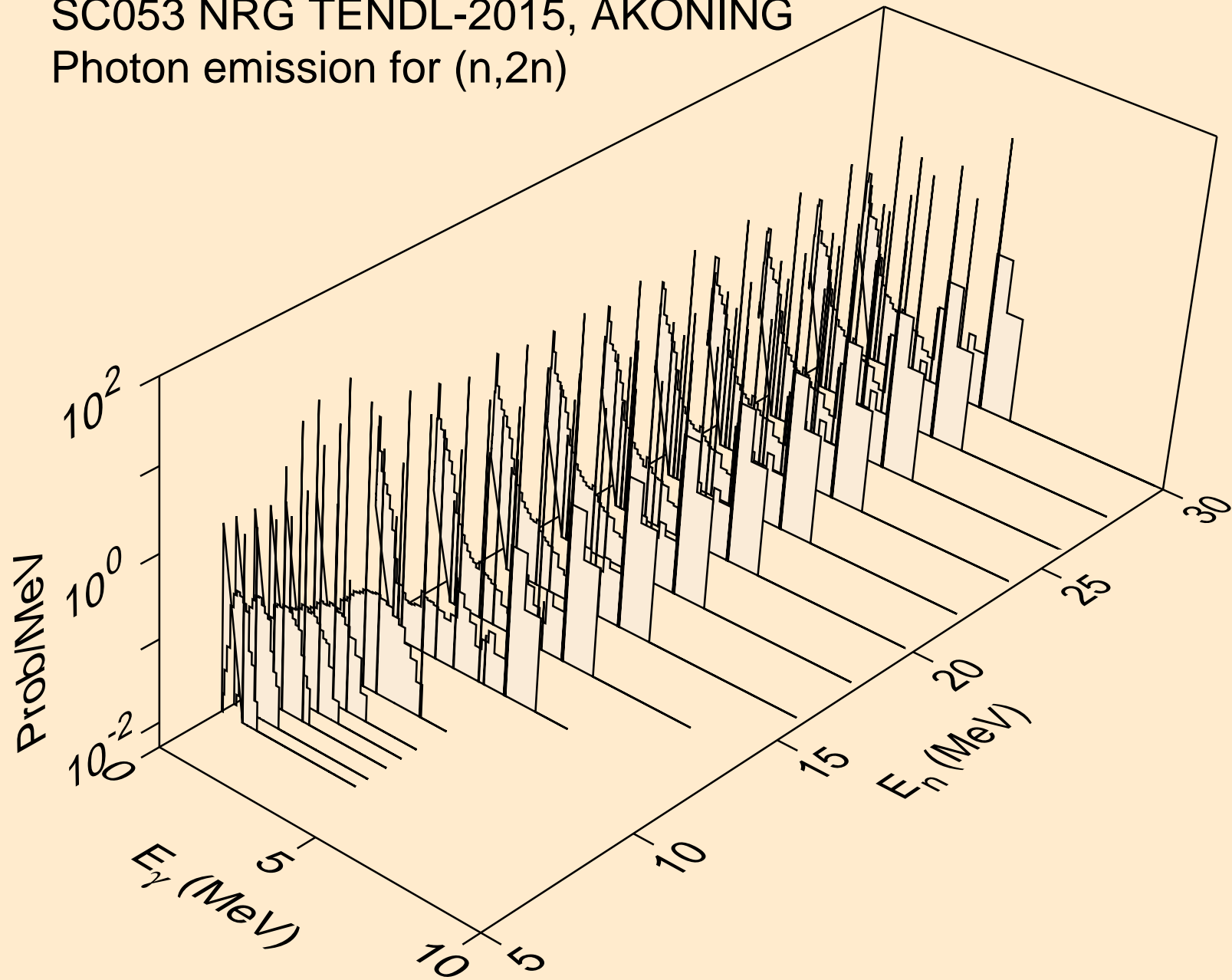
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



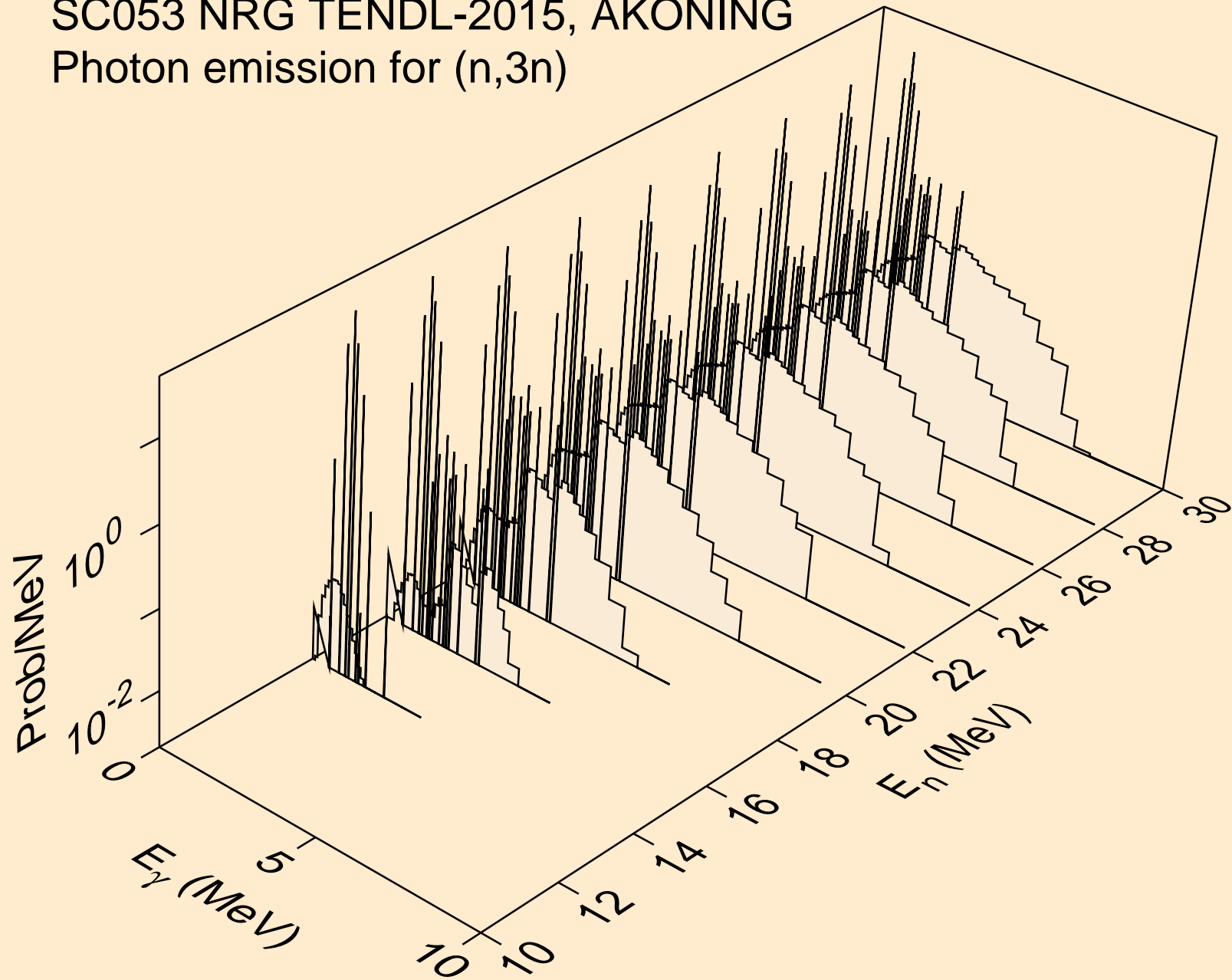
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



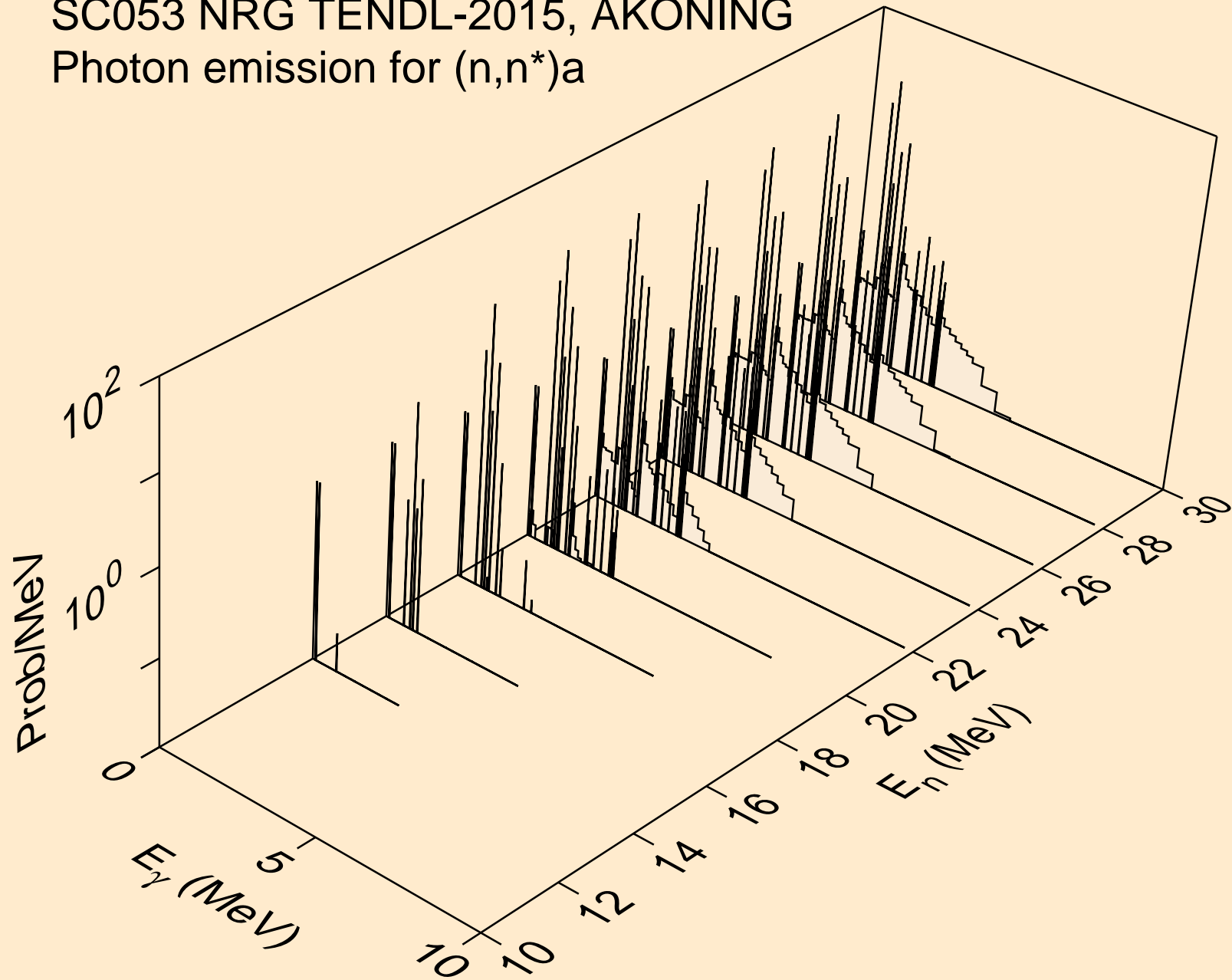
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



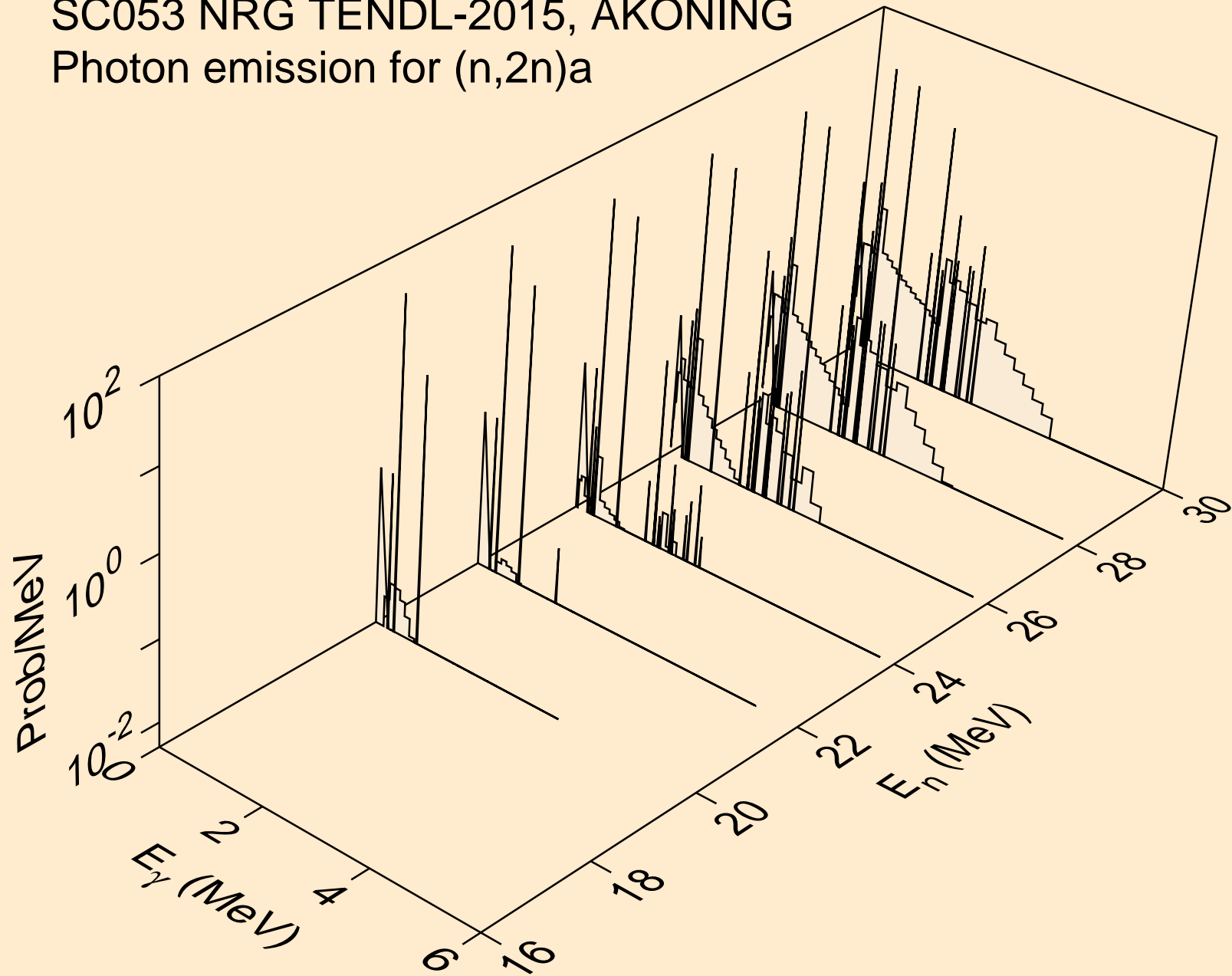
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

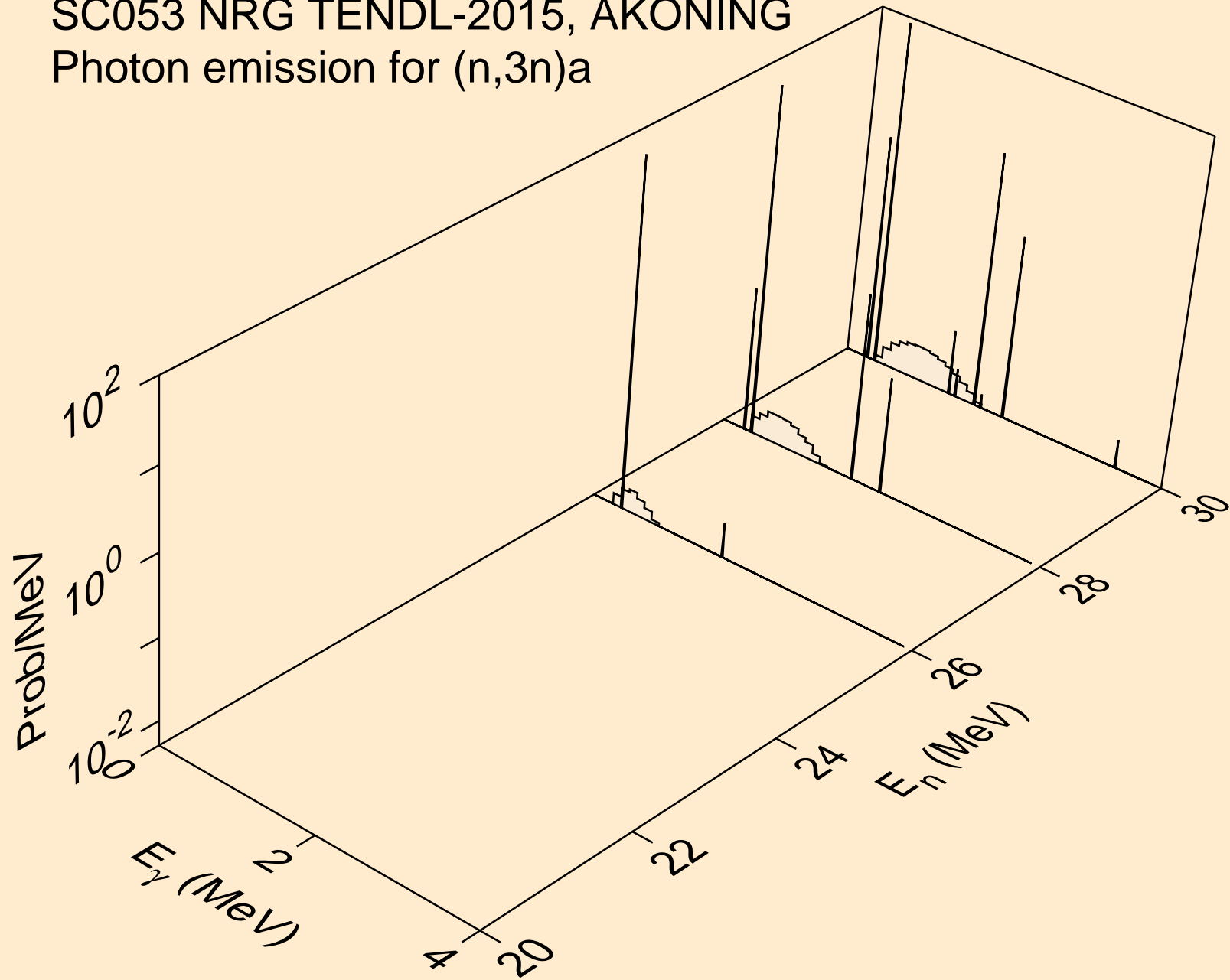


SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

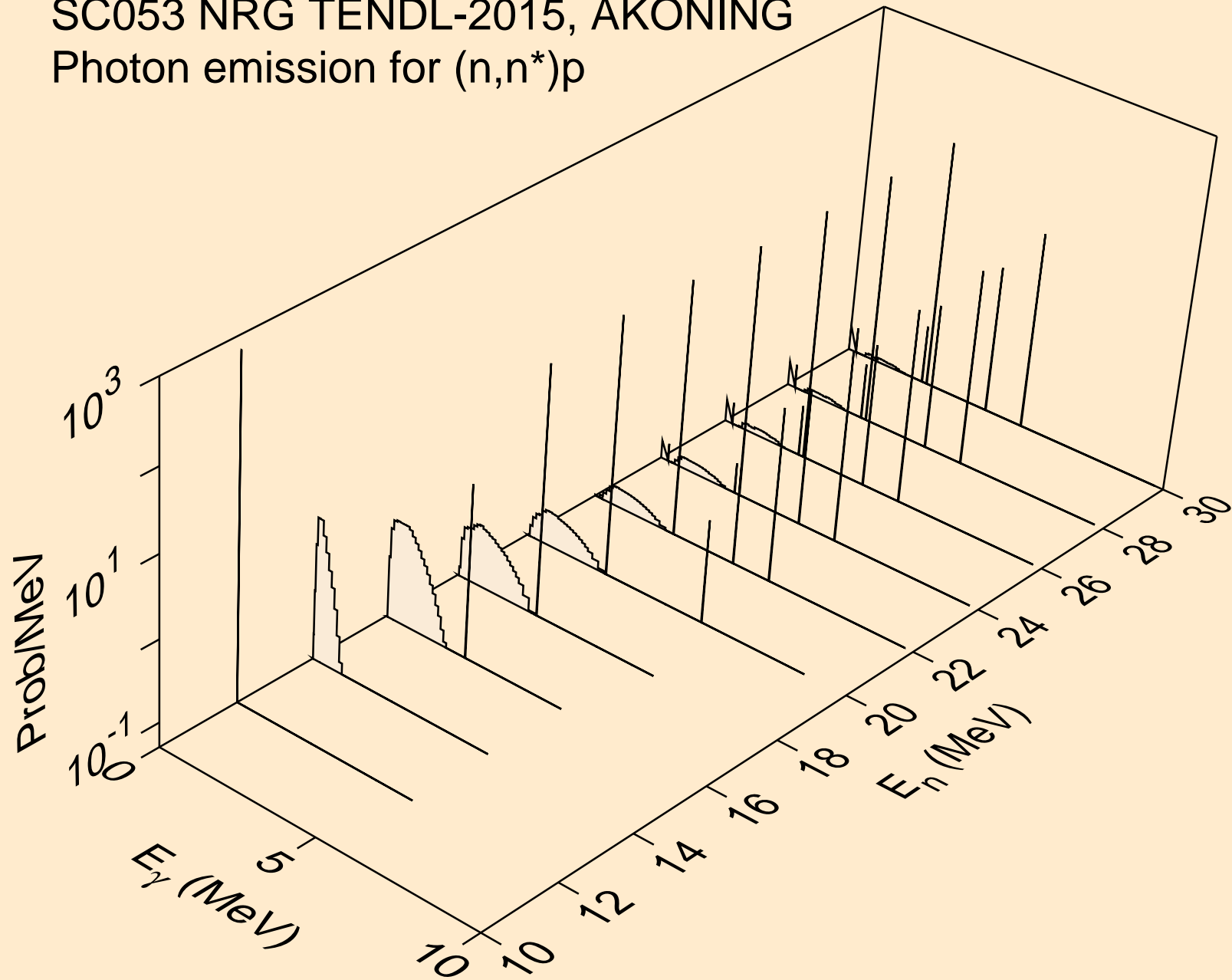




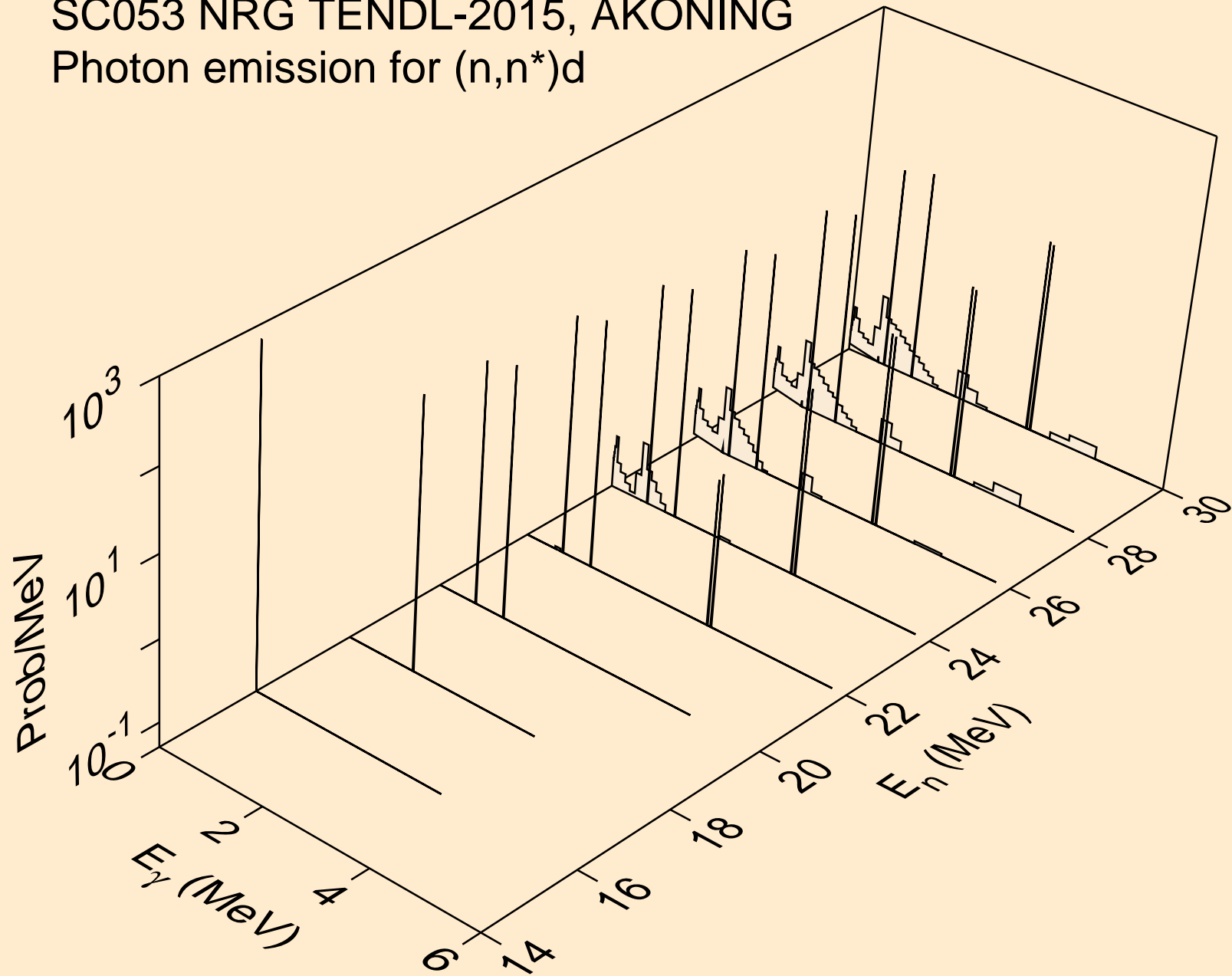
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



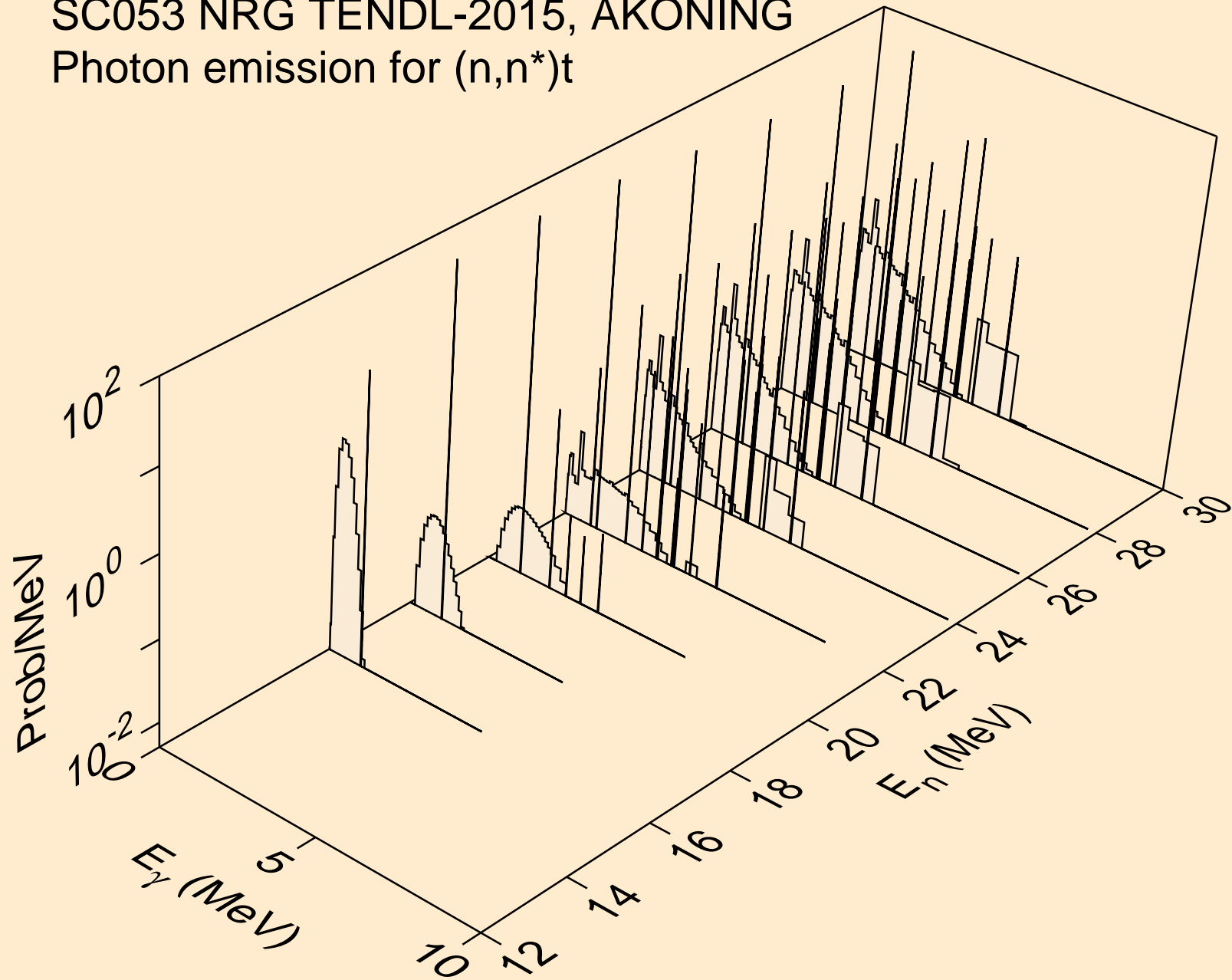
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



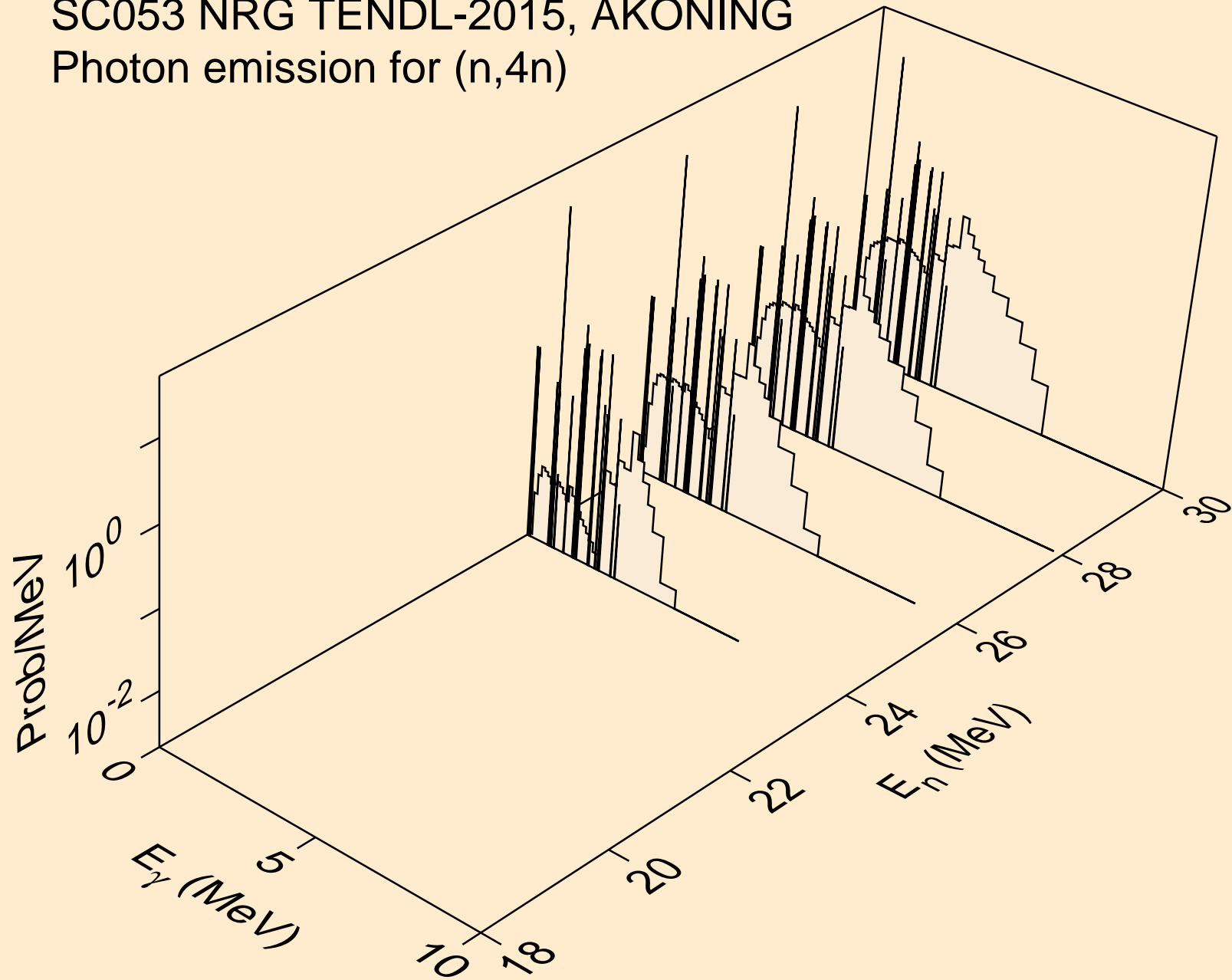
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



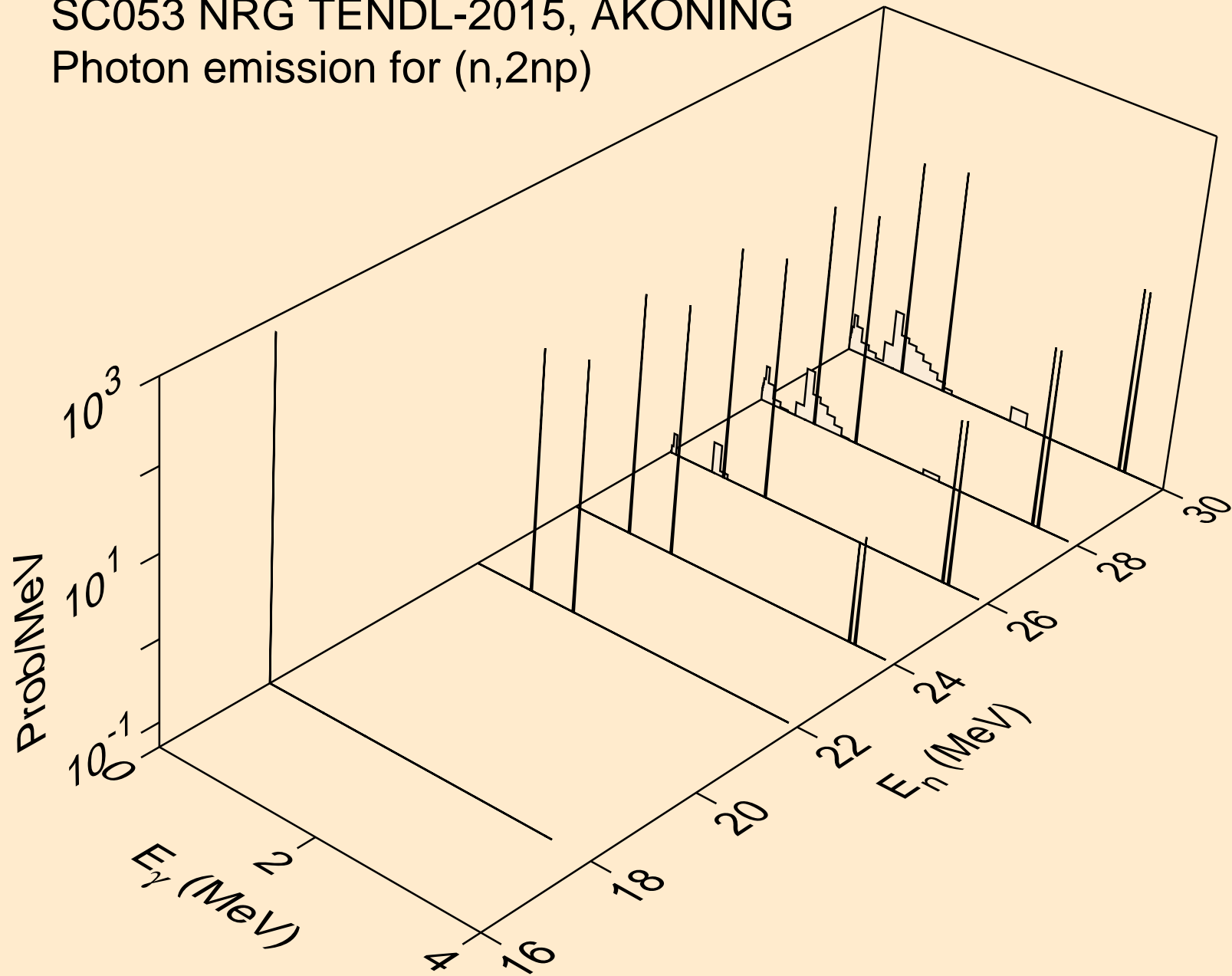
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



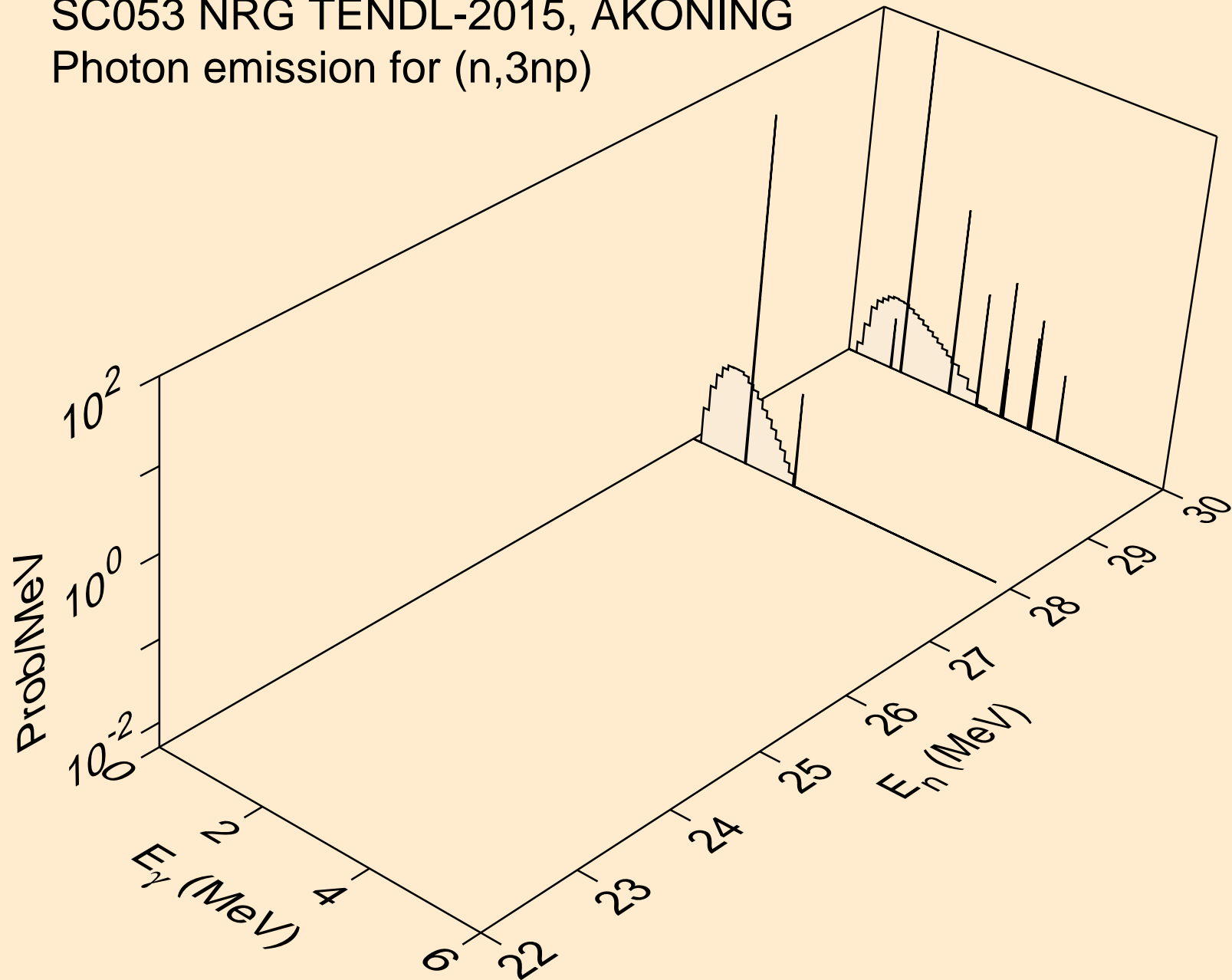
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



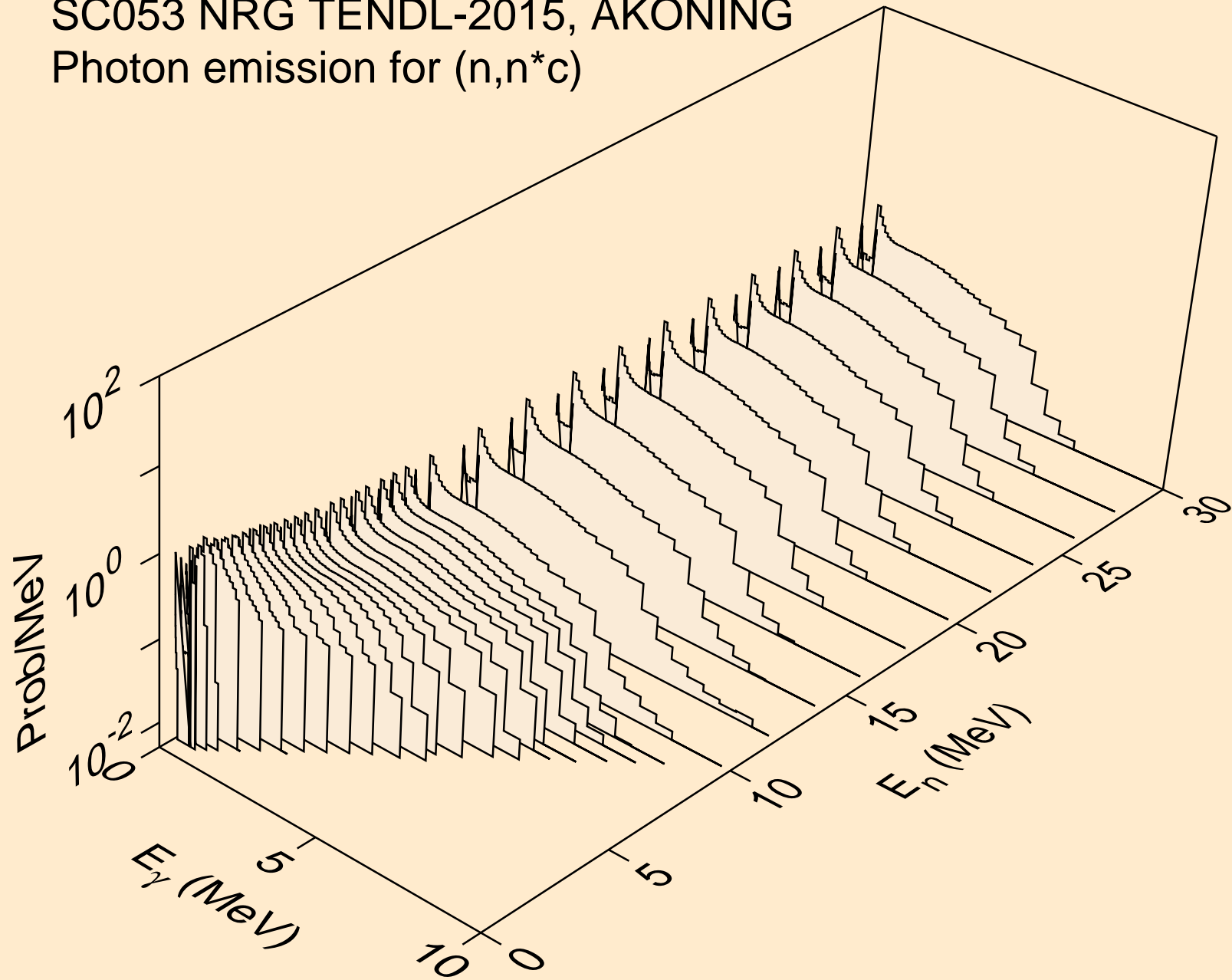
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

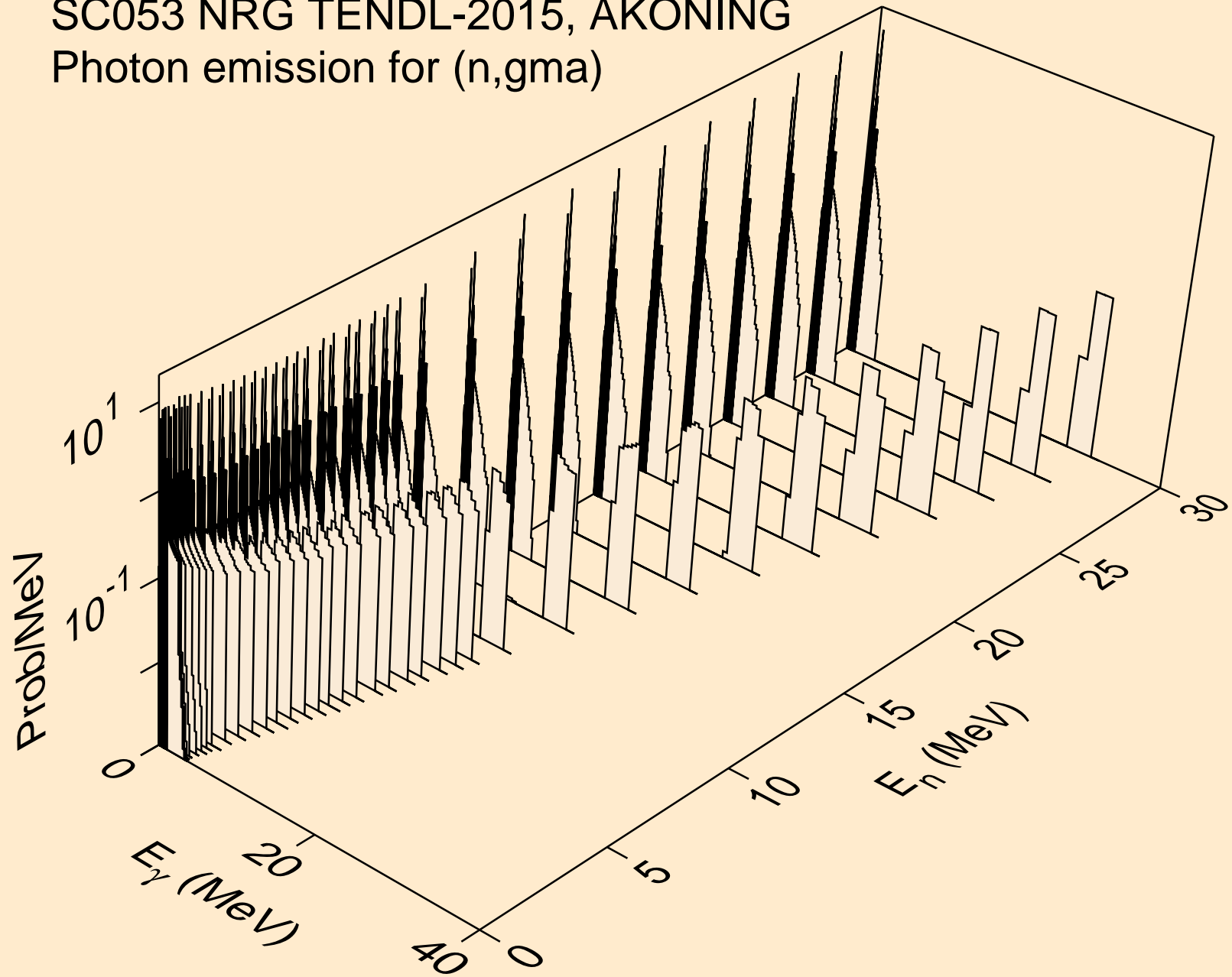


SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

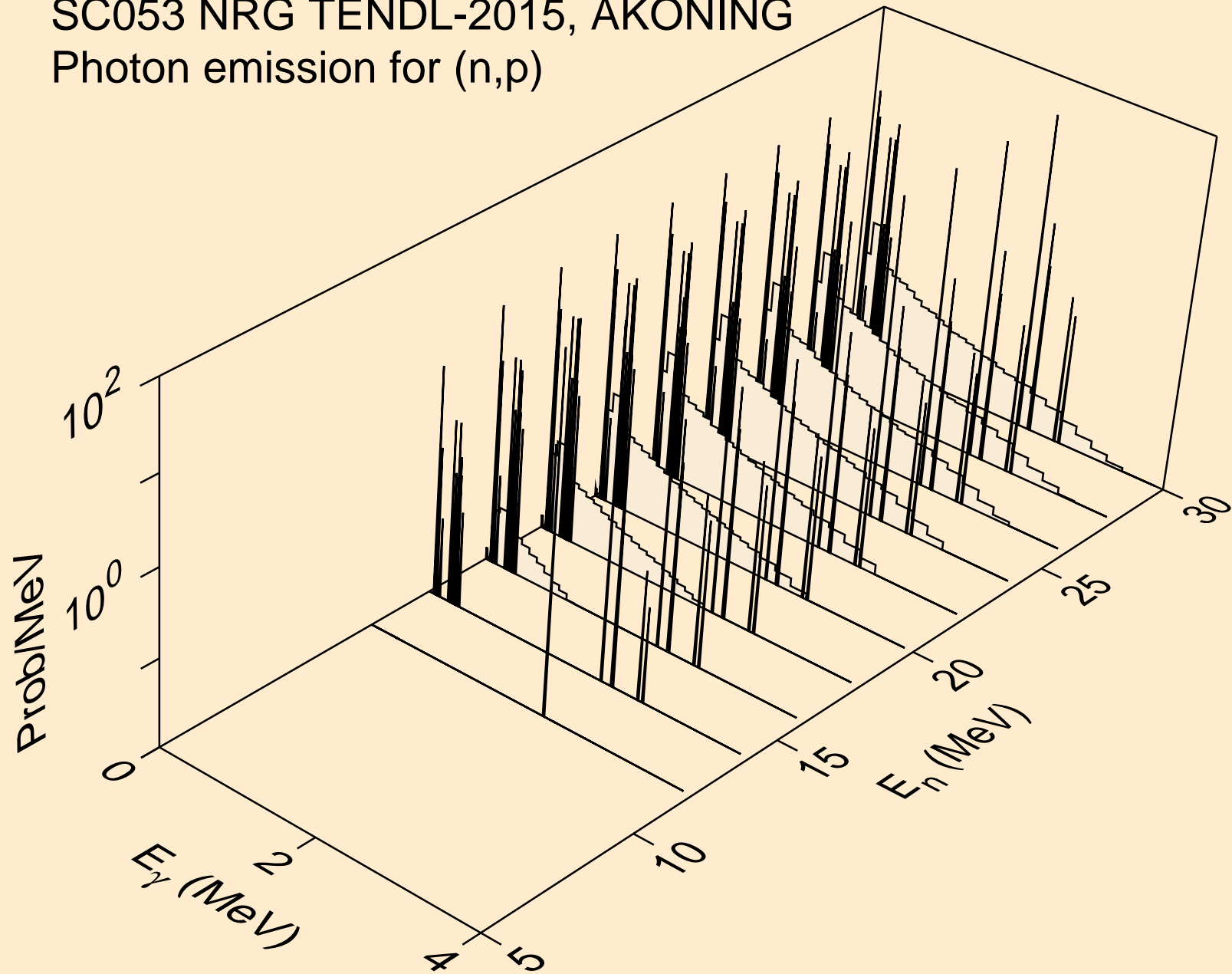




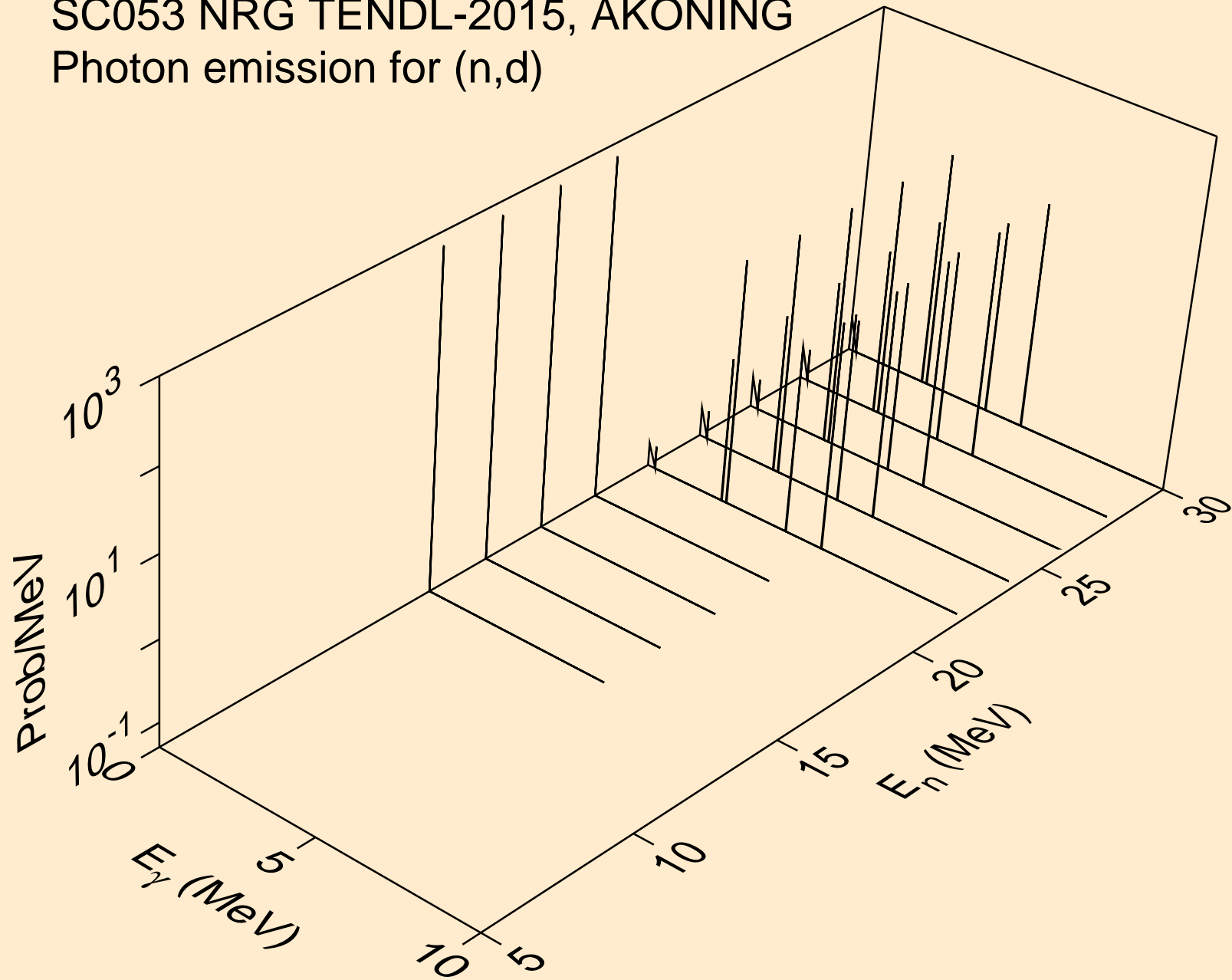
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



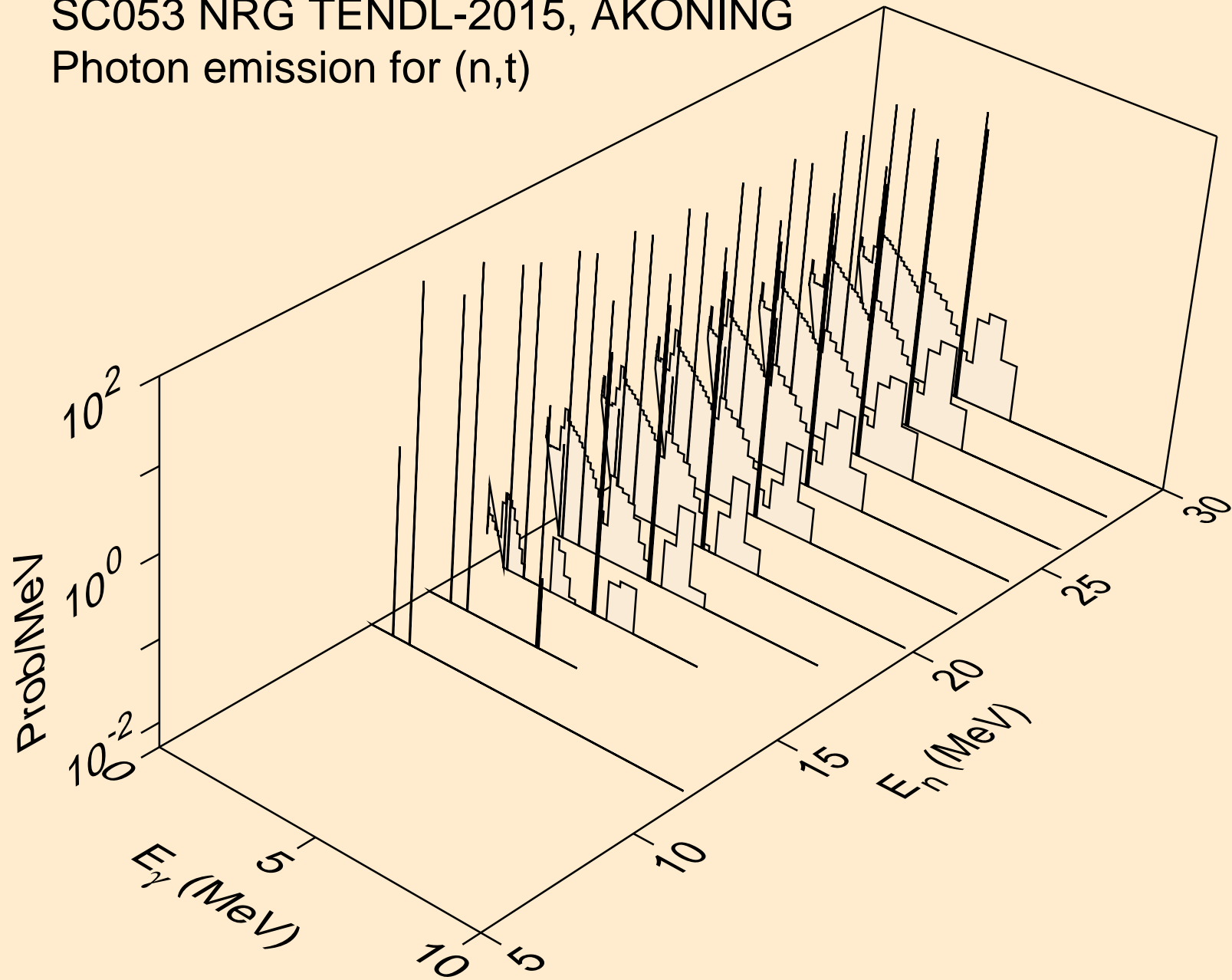
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



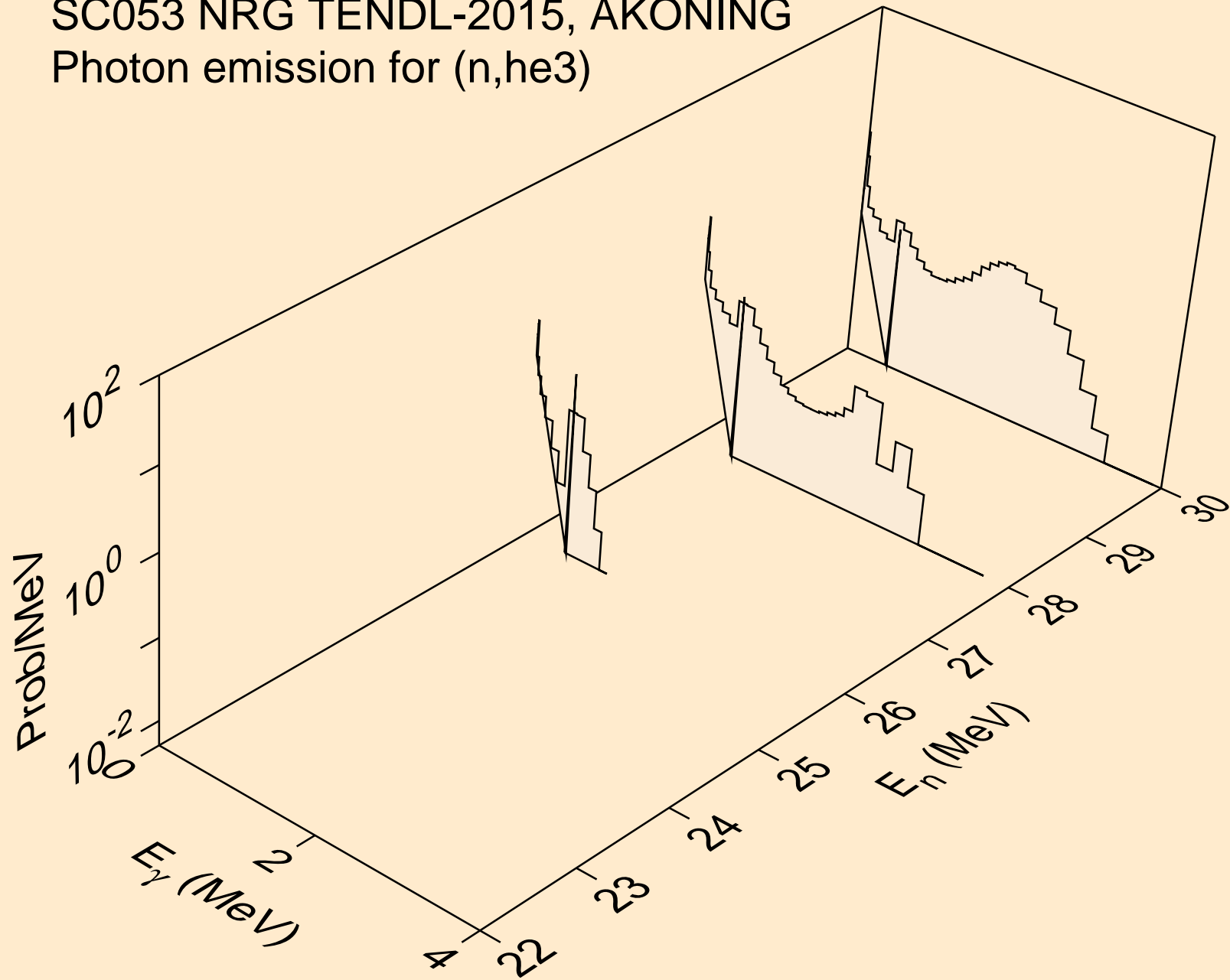
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



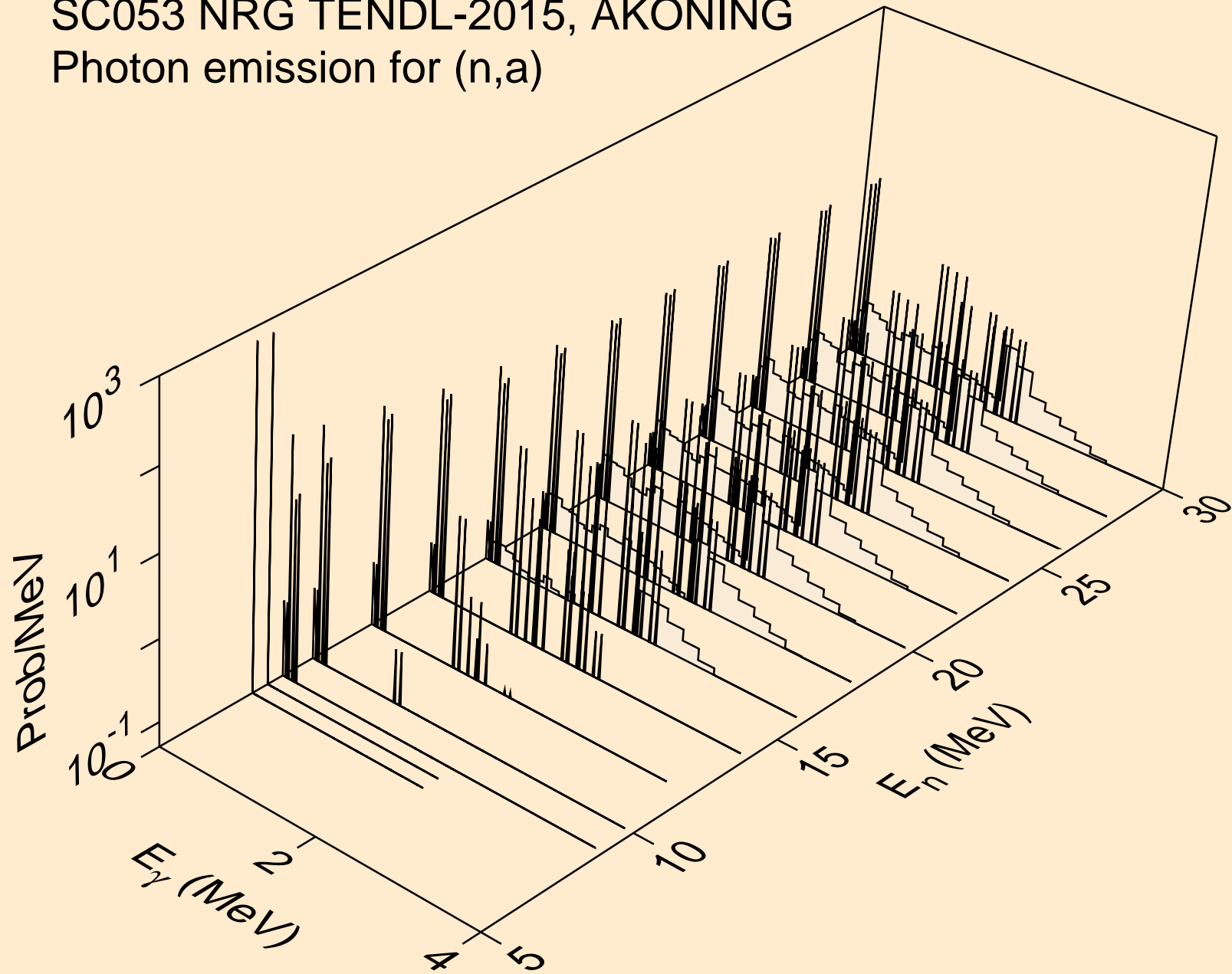
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



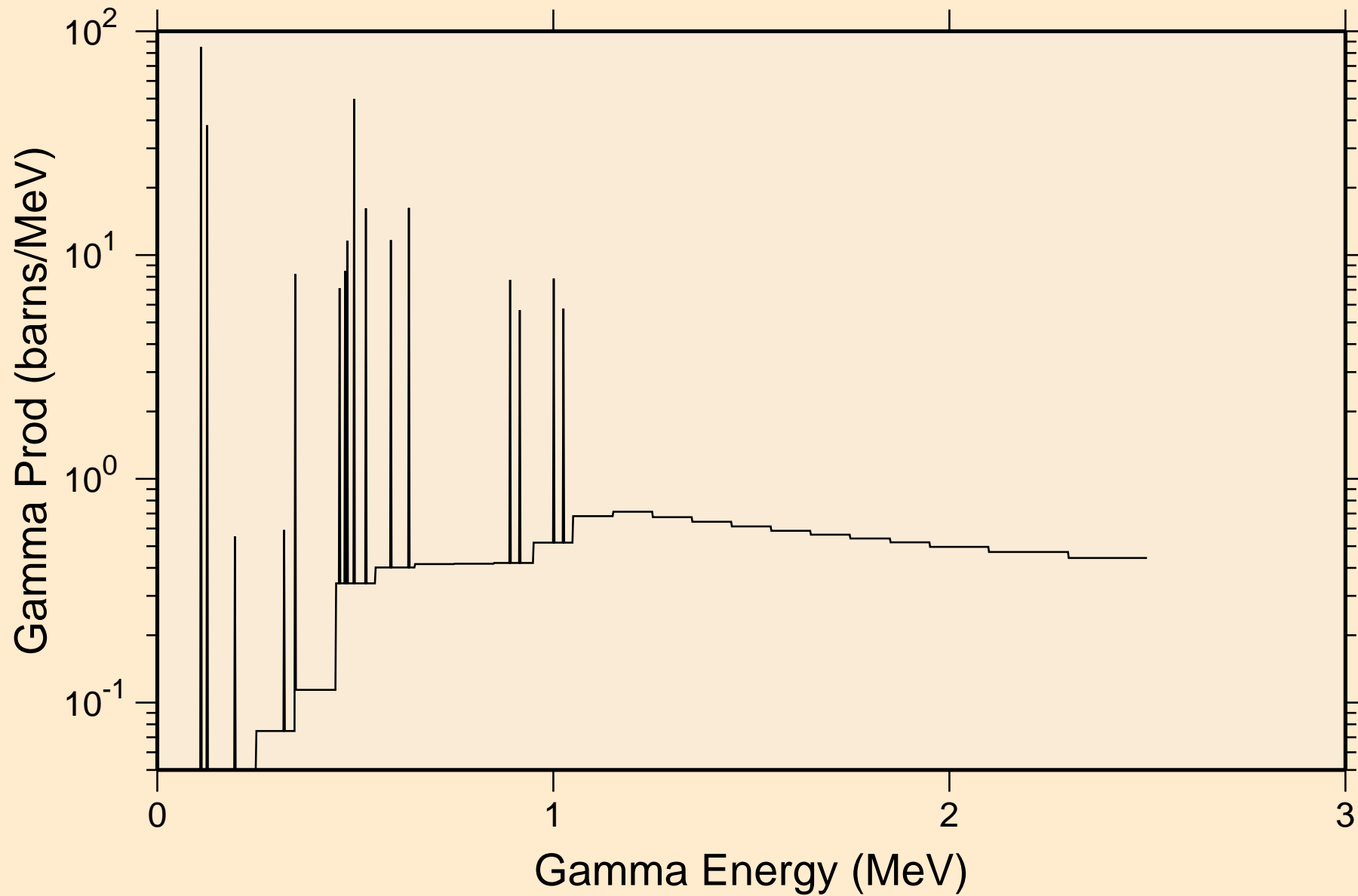
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



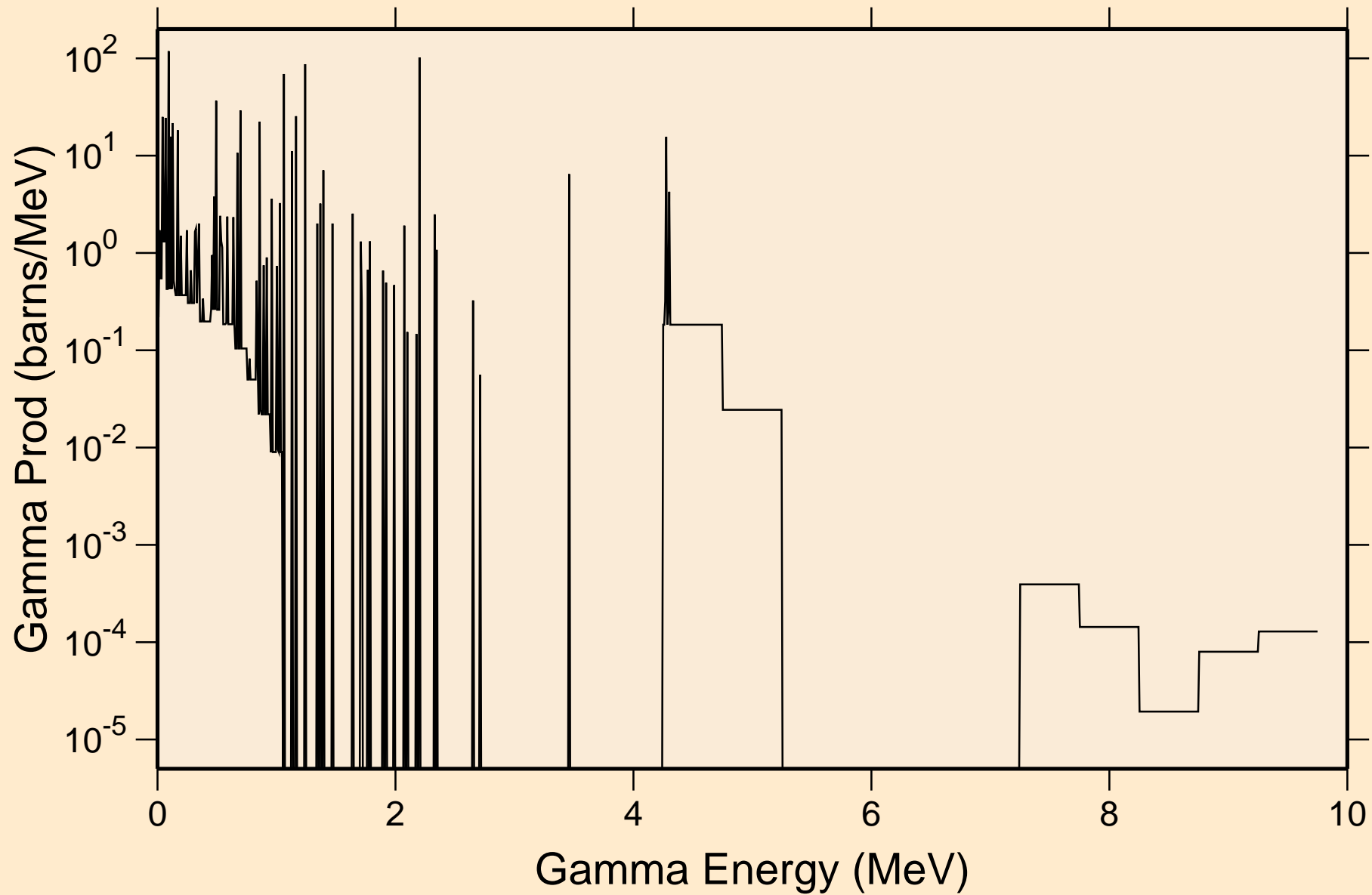
SC053 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



SC053 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



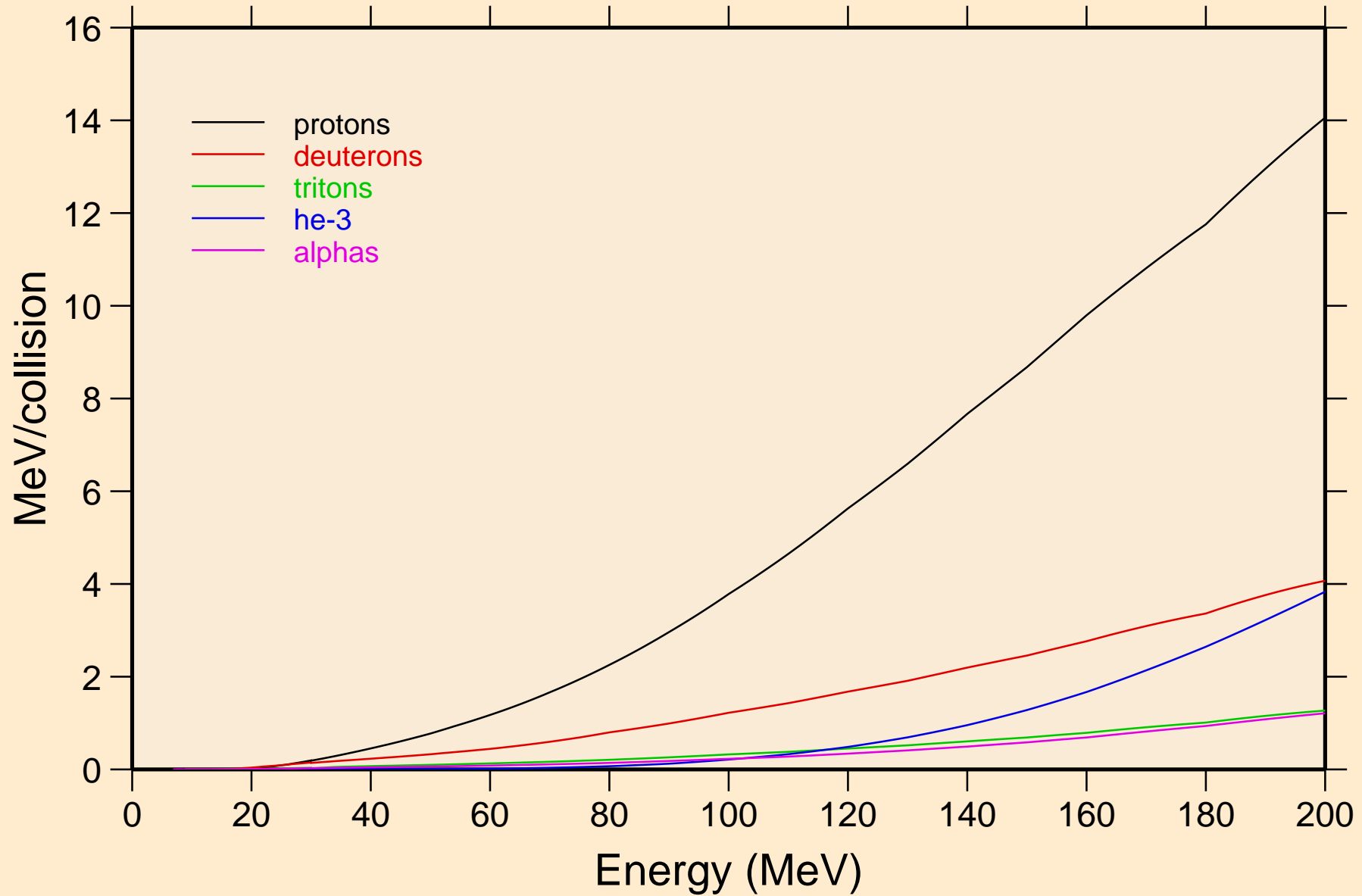
SC053 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





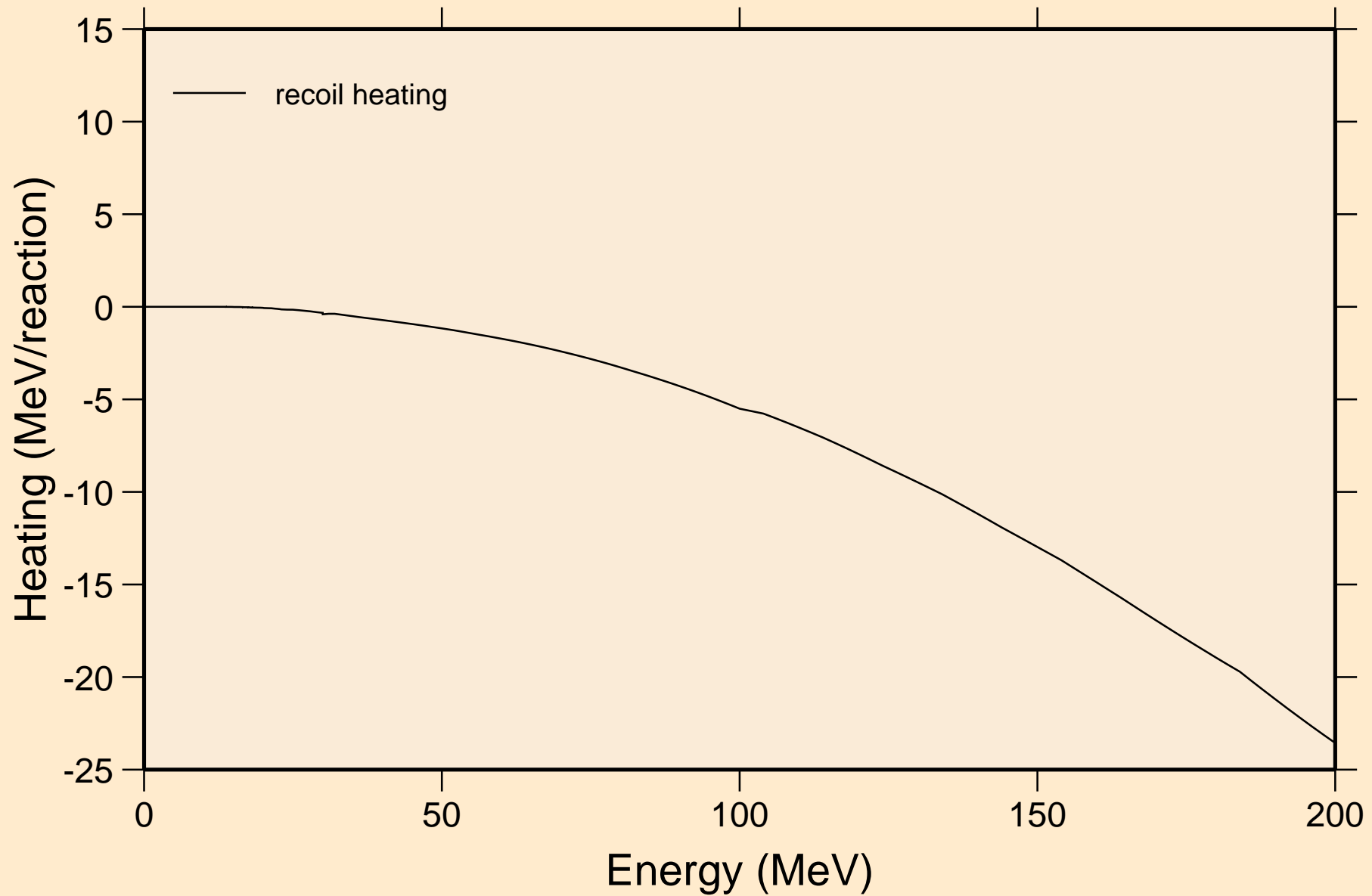
# SC053 NRG TENDL-2015, AKONING

## Particle heating contributions



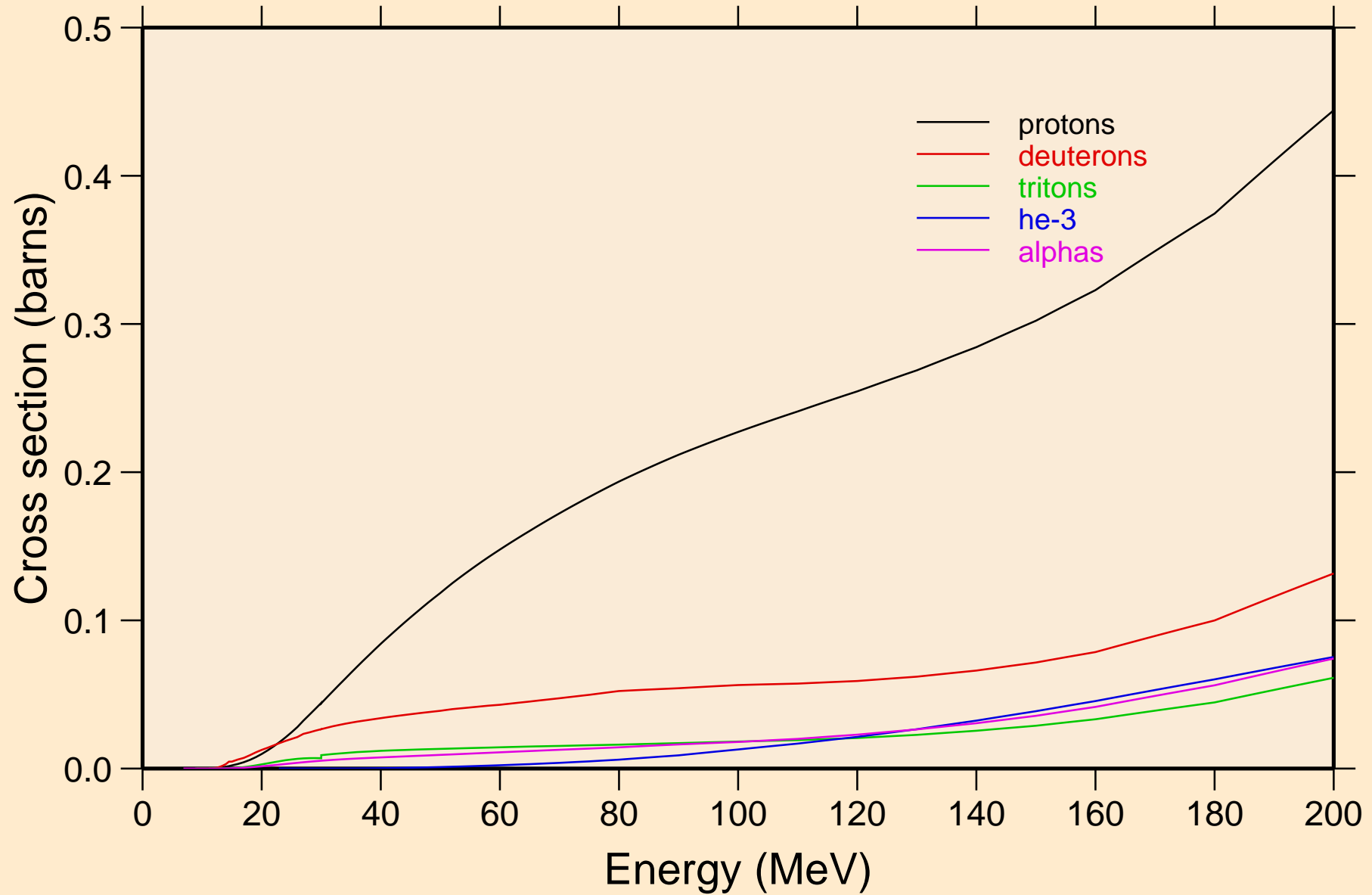
# SC053 NRG TENDL-2015, AKONING

## Recoil Heating

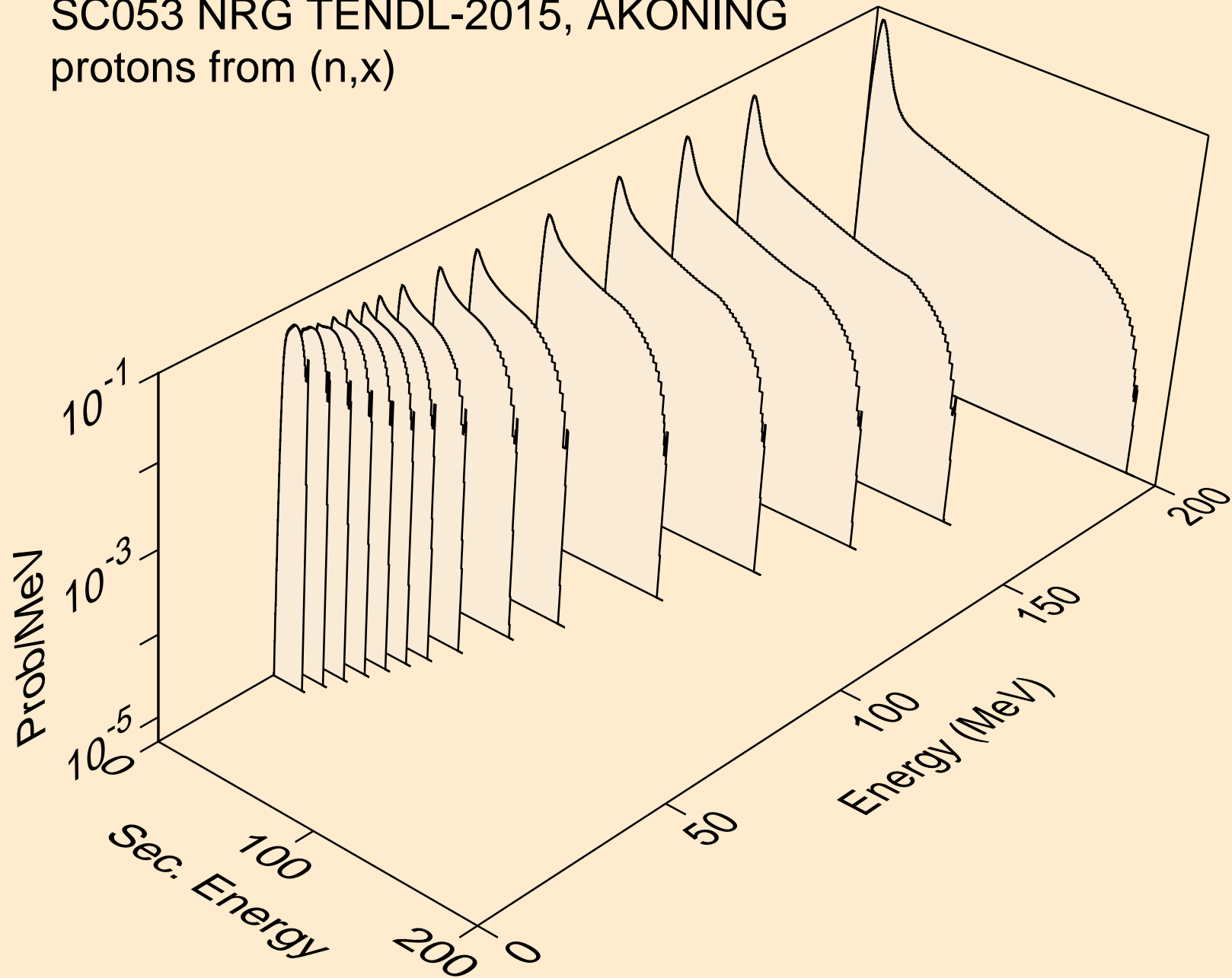


# SC053 NRG TENDL-2015, AKONING

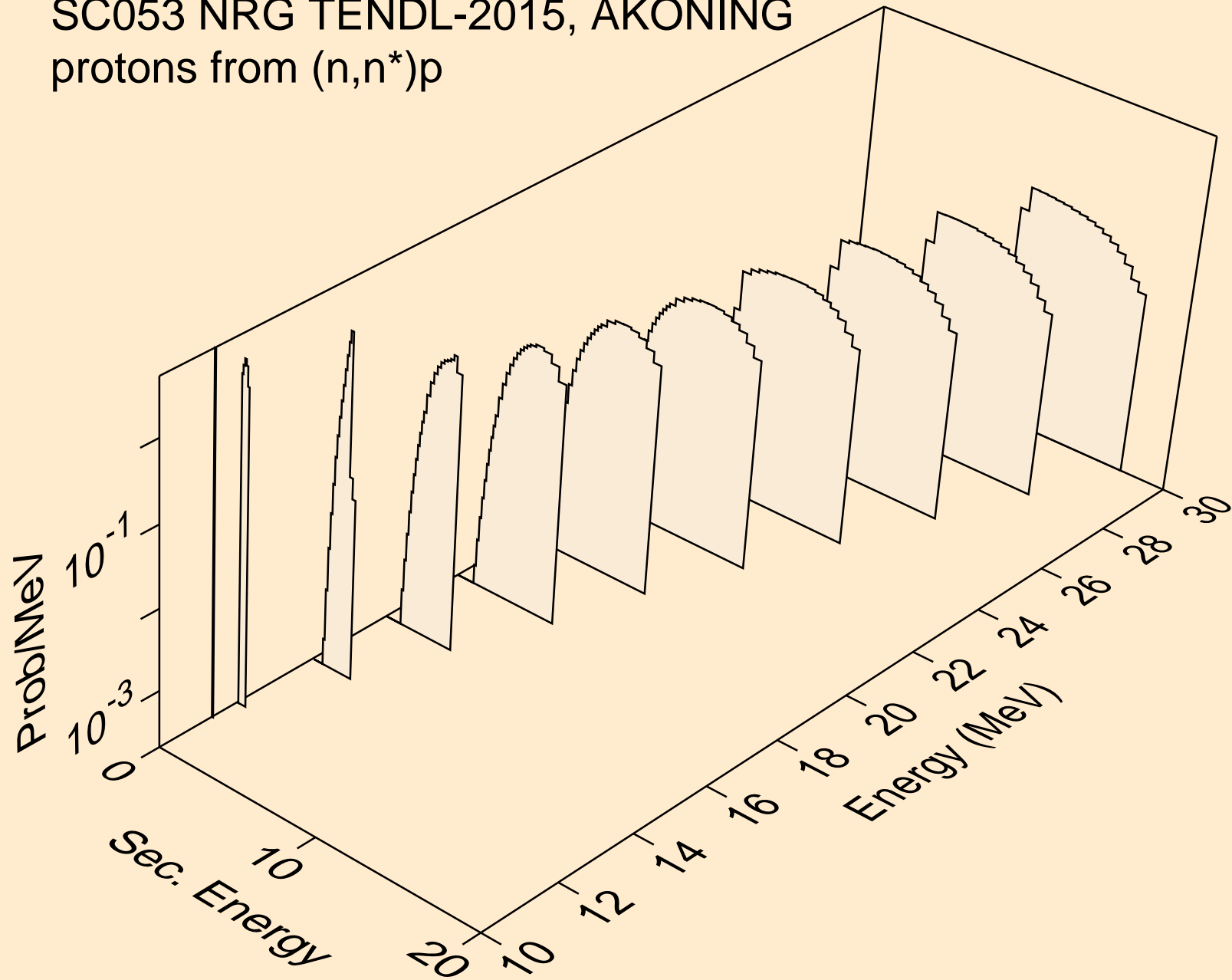
## Particle production cross sections



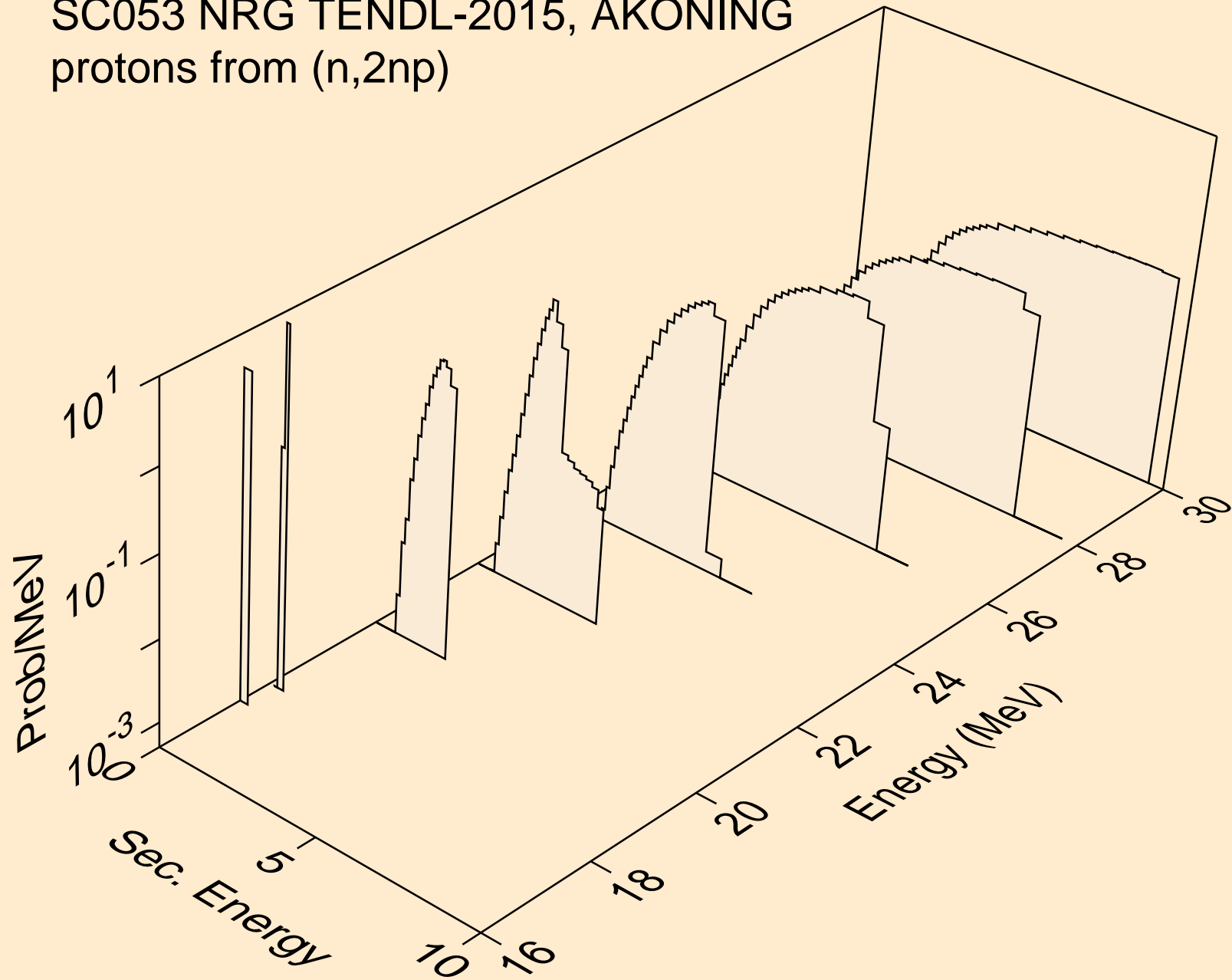
SC053 NRG TENDL-2015, AKONING  
protons from (n,x)



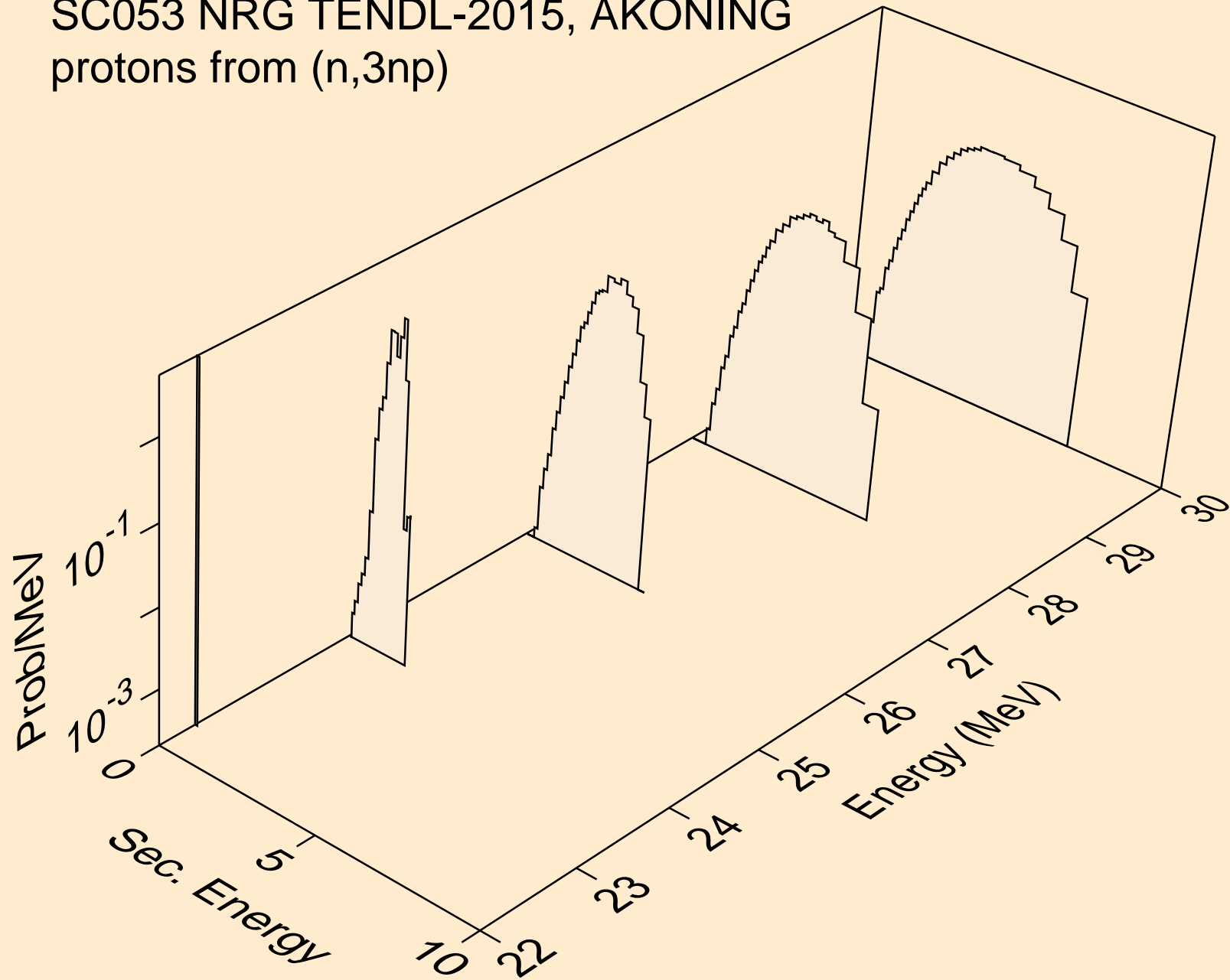
SC053 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



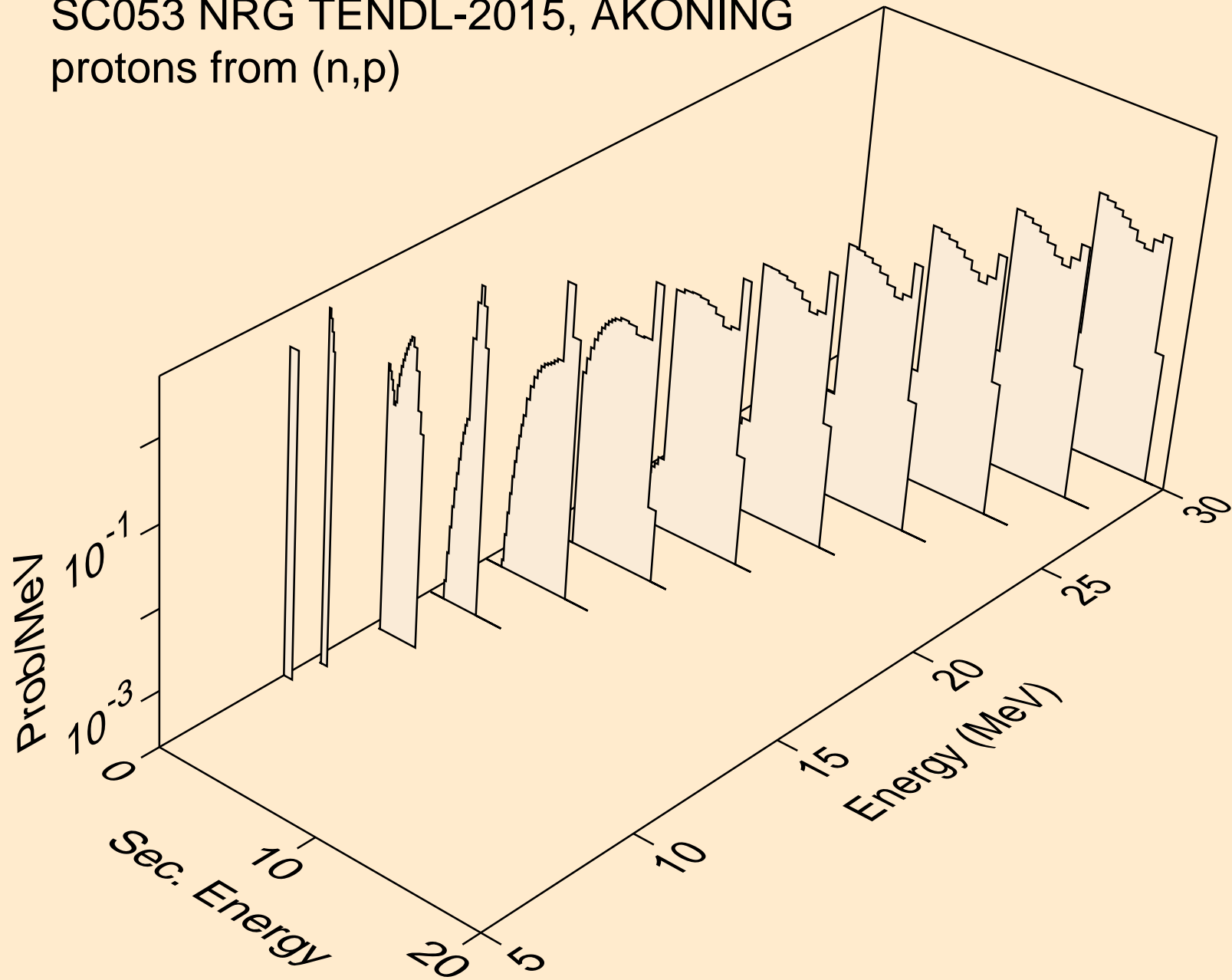
SC053 NRG TENDL-2015, AKONING  
protons from (n,2np)



SC053 NRG TENDL-2015, AKONING  
protons from (n,3np)

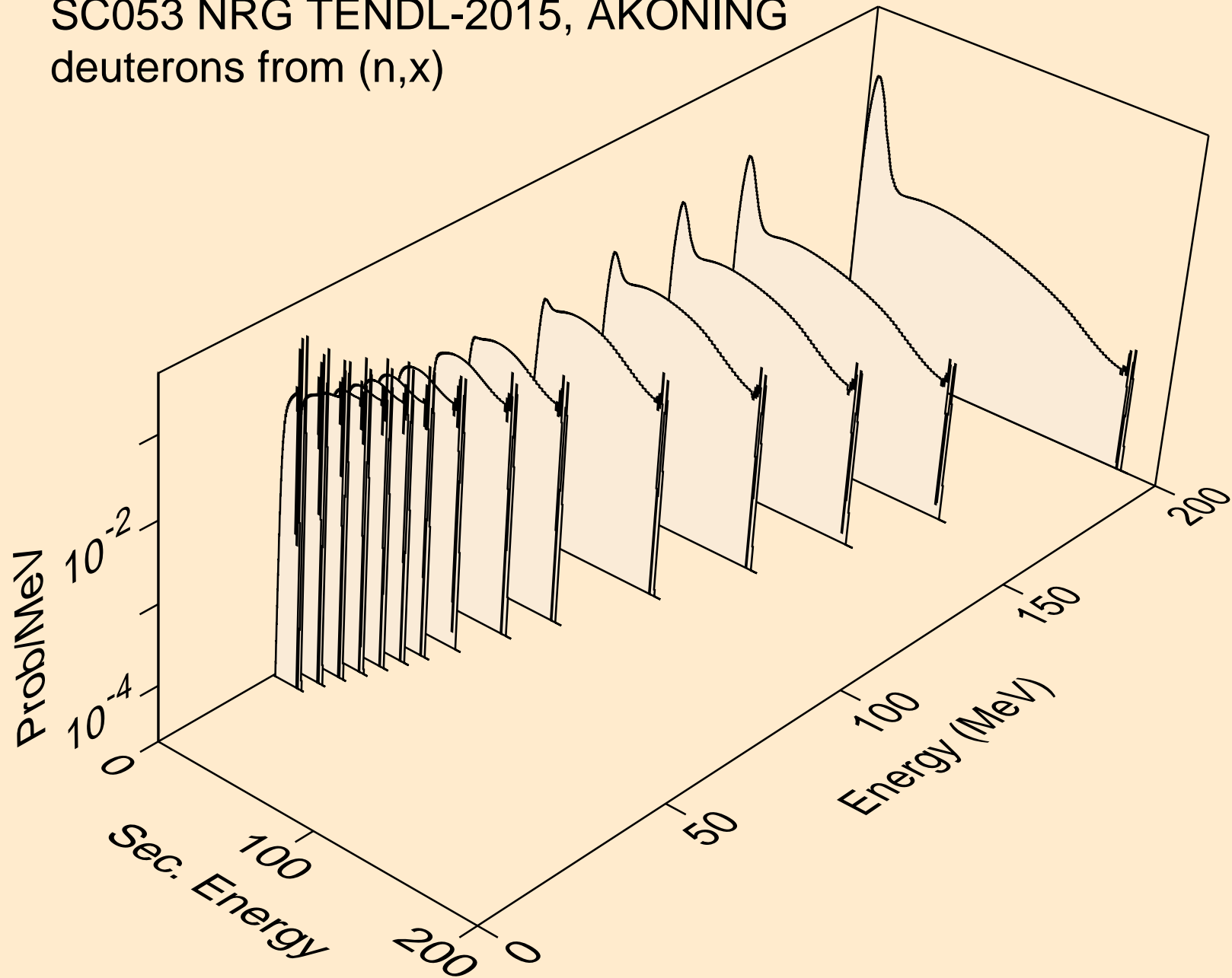


SC053 NRG TENDL-2015, AKONING  
protons from (n,p)

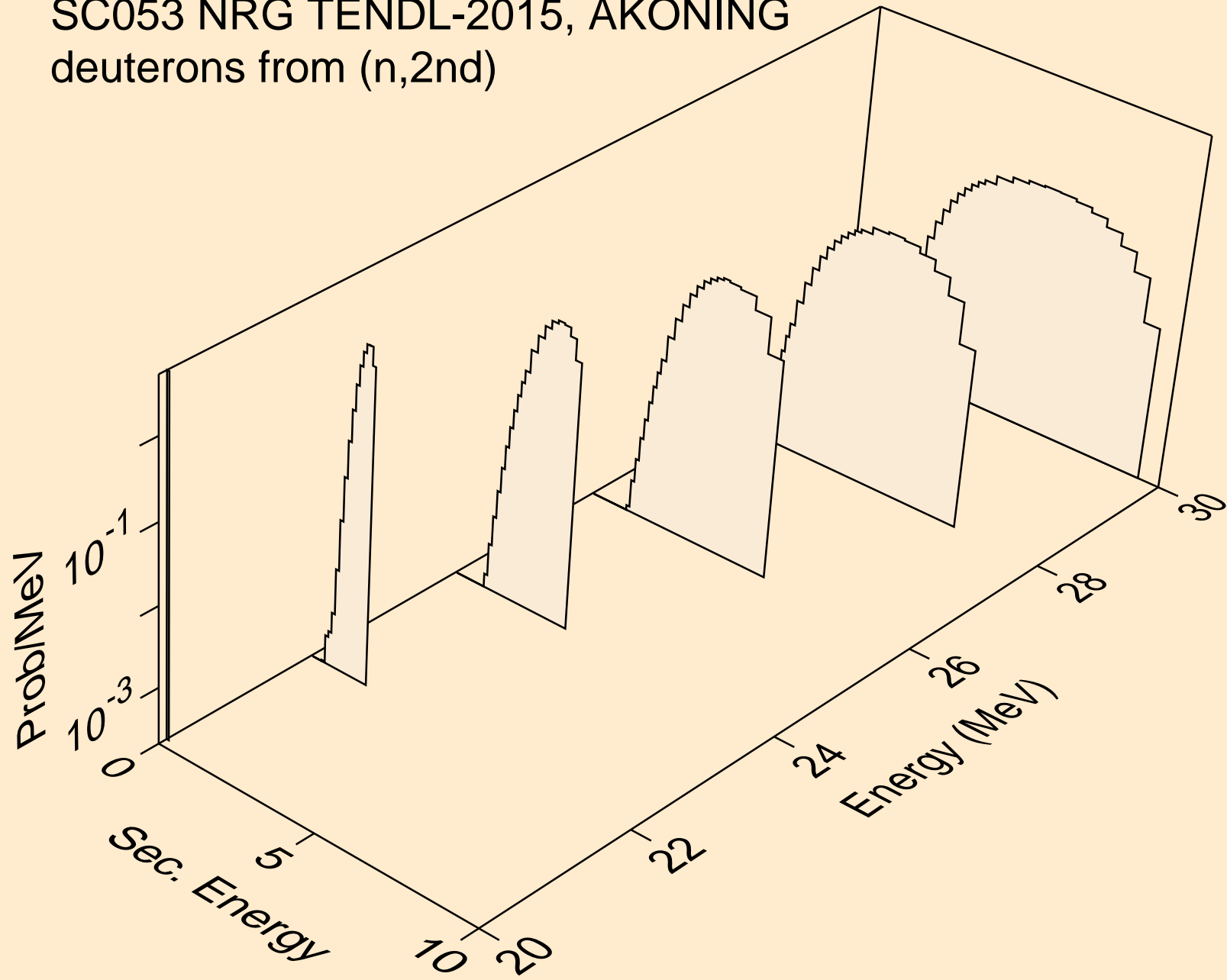




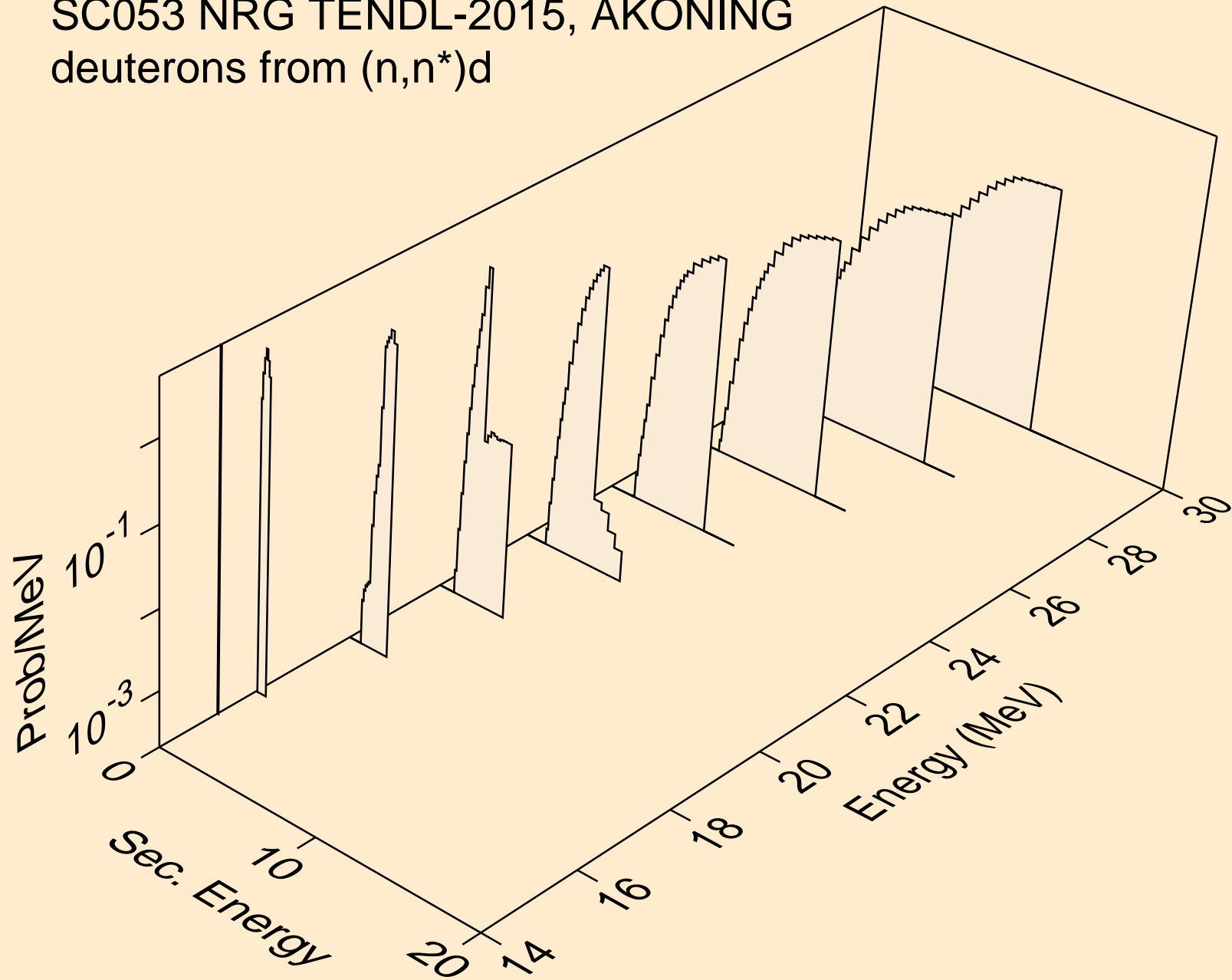
SC053 NRG TENDL-2015, AKONING  
deuterons from (n,x)



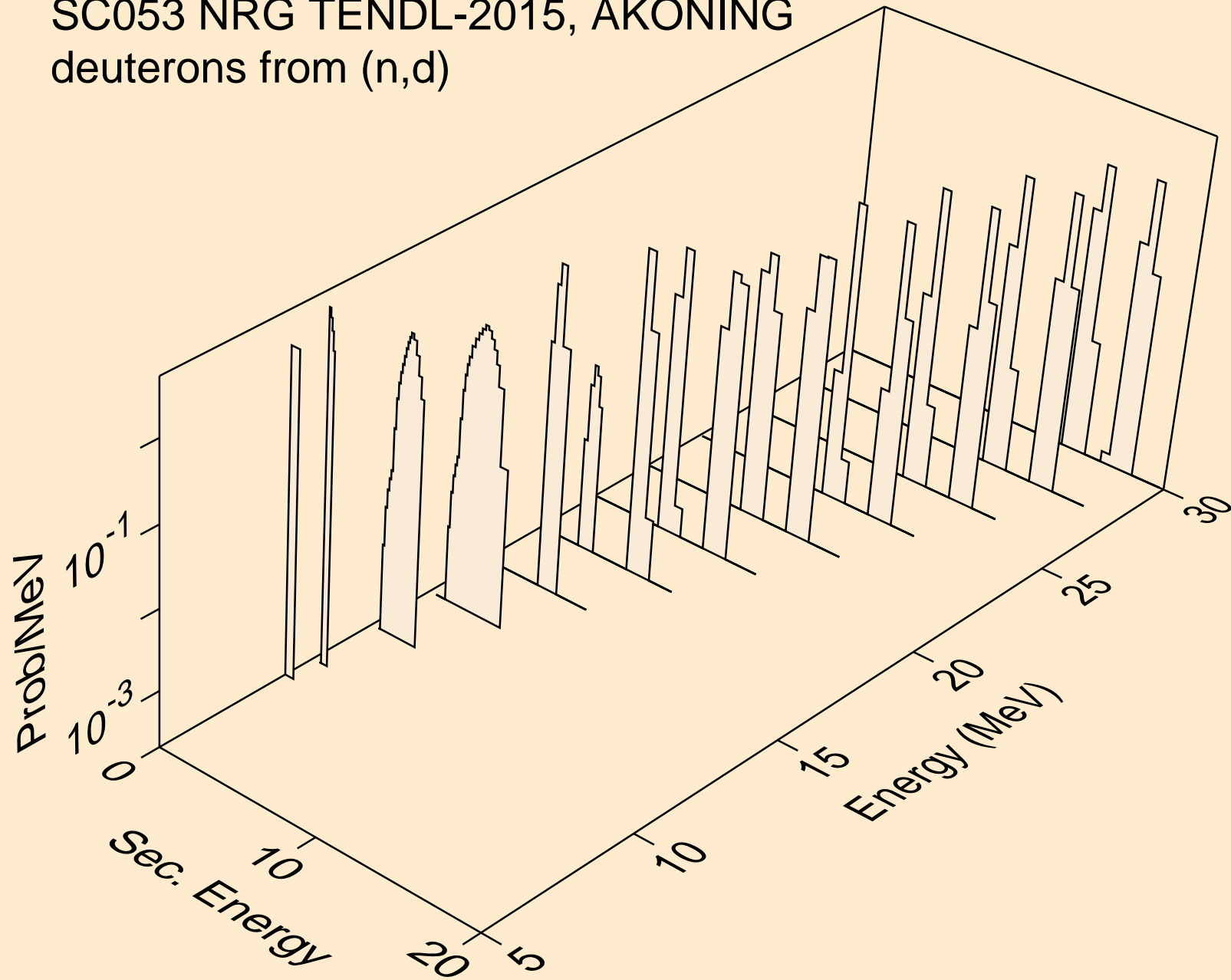
SC053 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



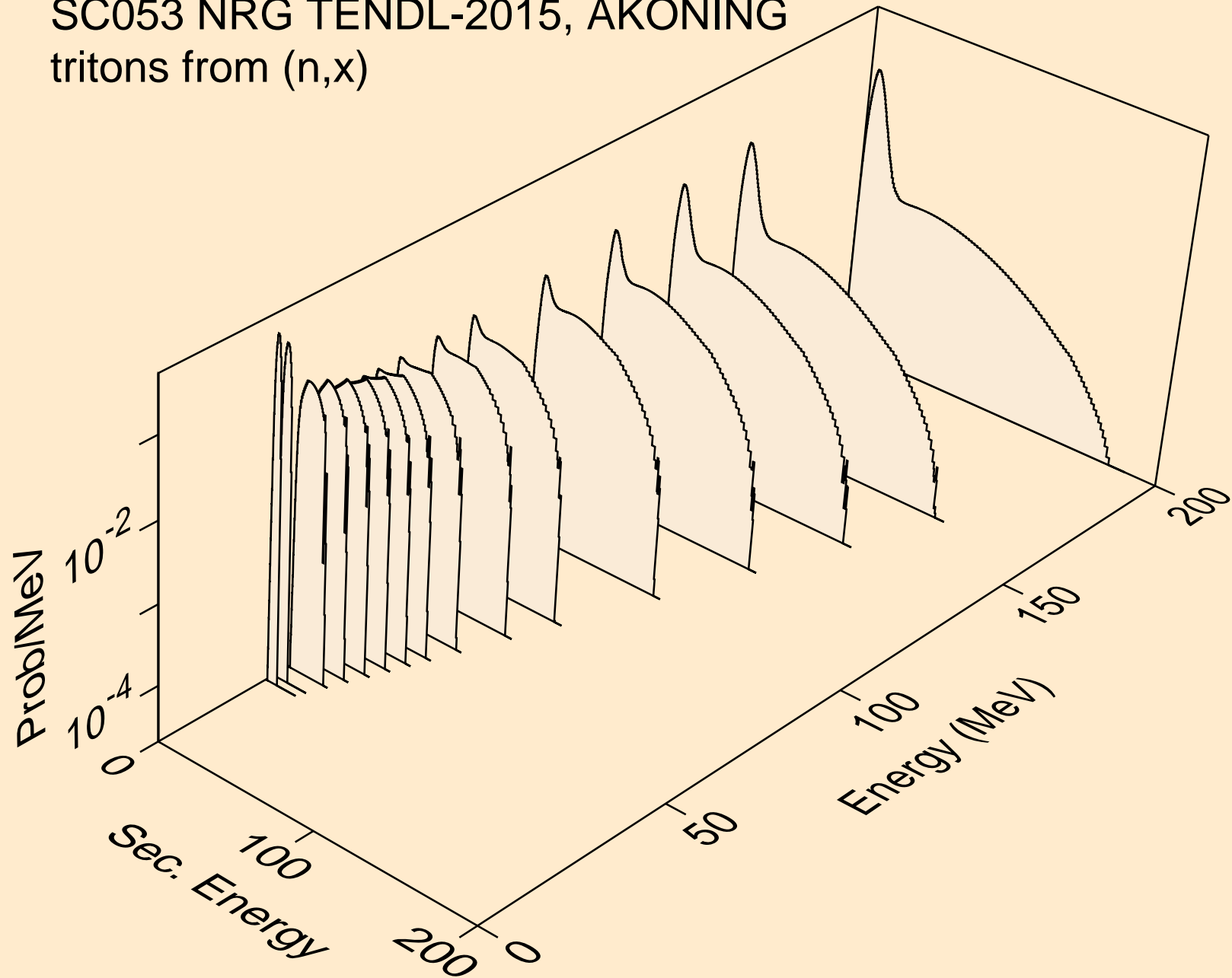
SC053 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



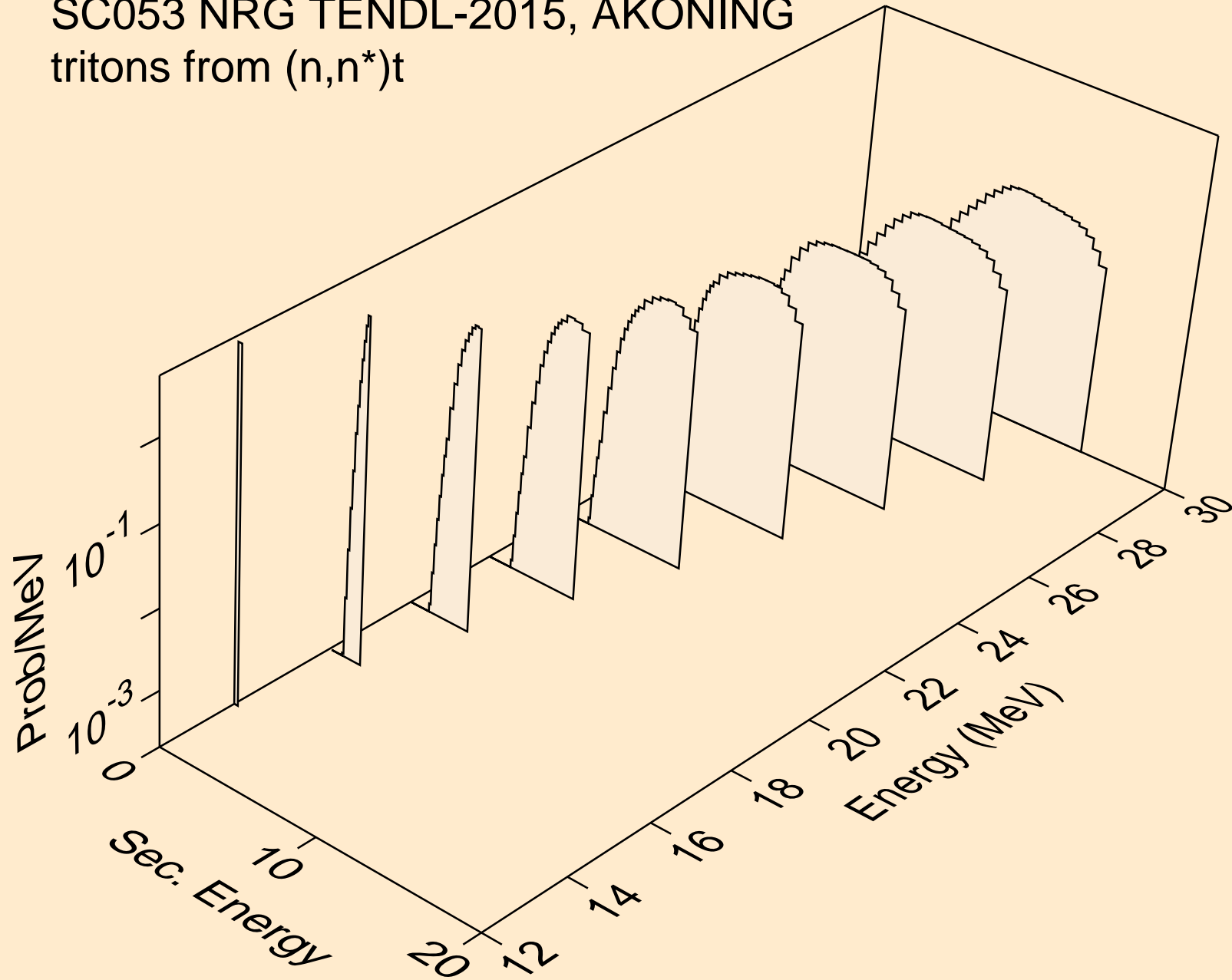
SC053 NRG TENDL-2015, AKONING  
deuterons from (n,d)



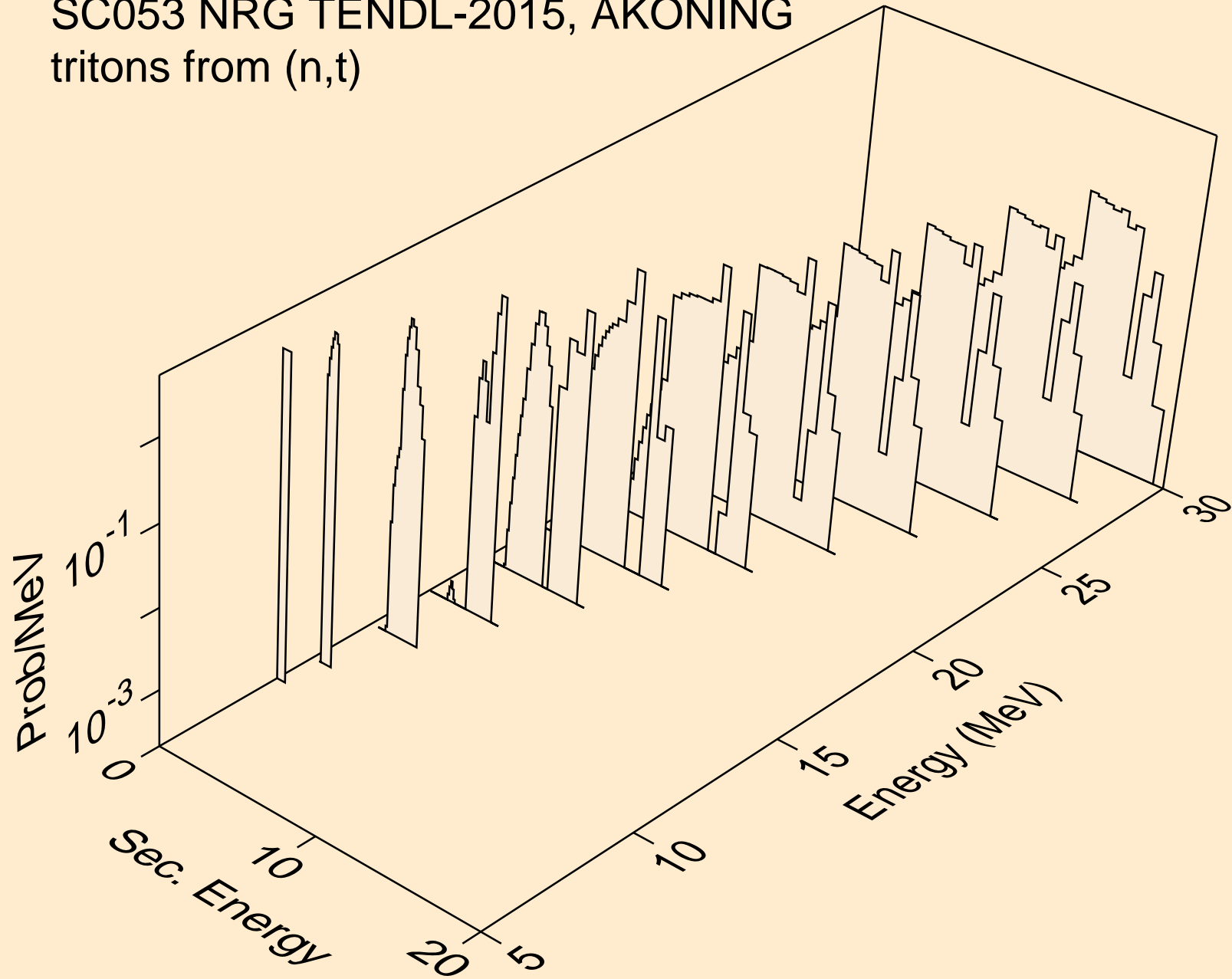
SC053 NRG TENDL-2015, AKONING  
tritons from (n,x)



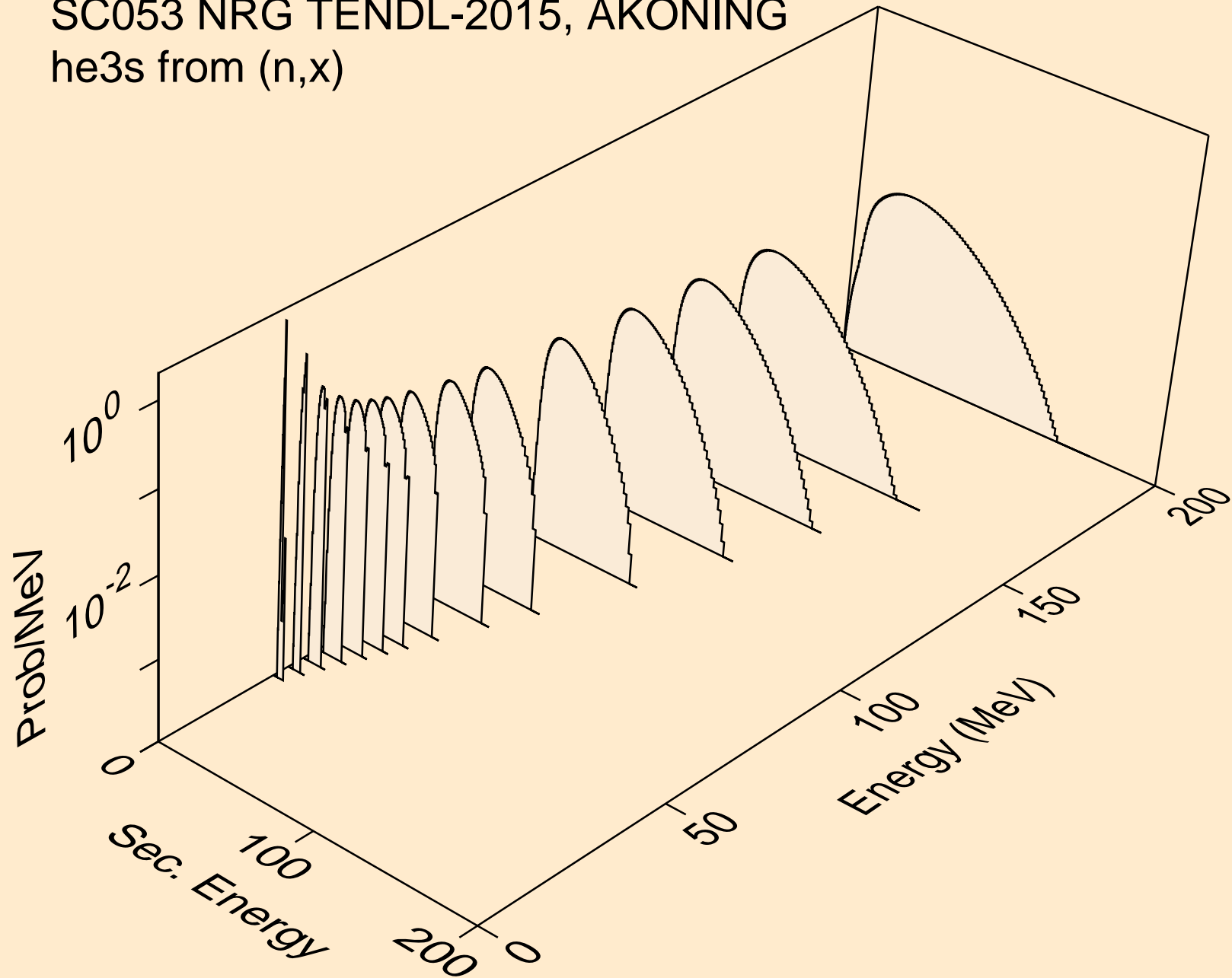
SC053 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



SC053 NRG TENDL-2015, AKONING  
tritons from (n,t)

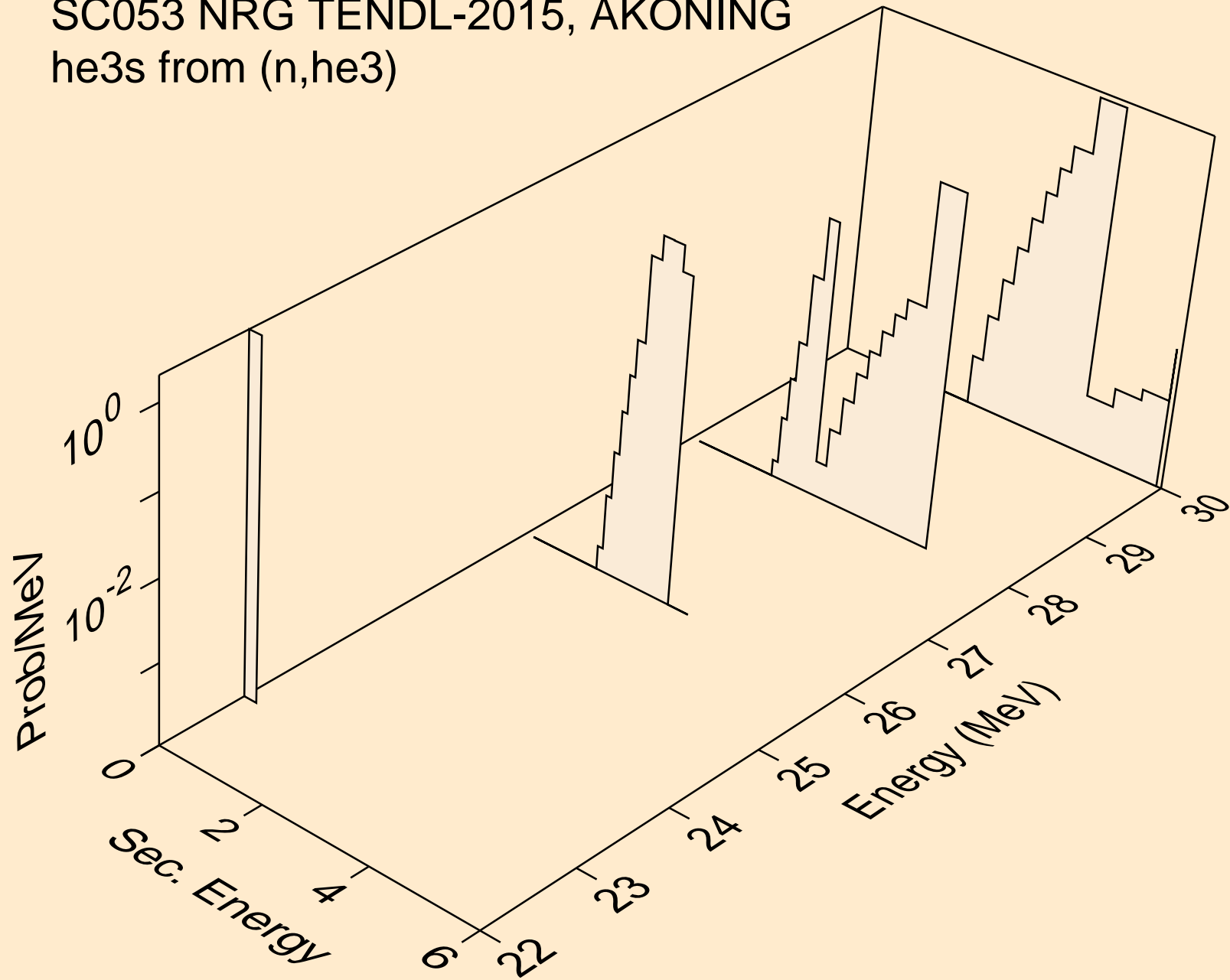


SC053 NRG TENDL-2015, AKONING  
he3s from (n,x)

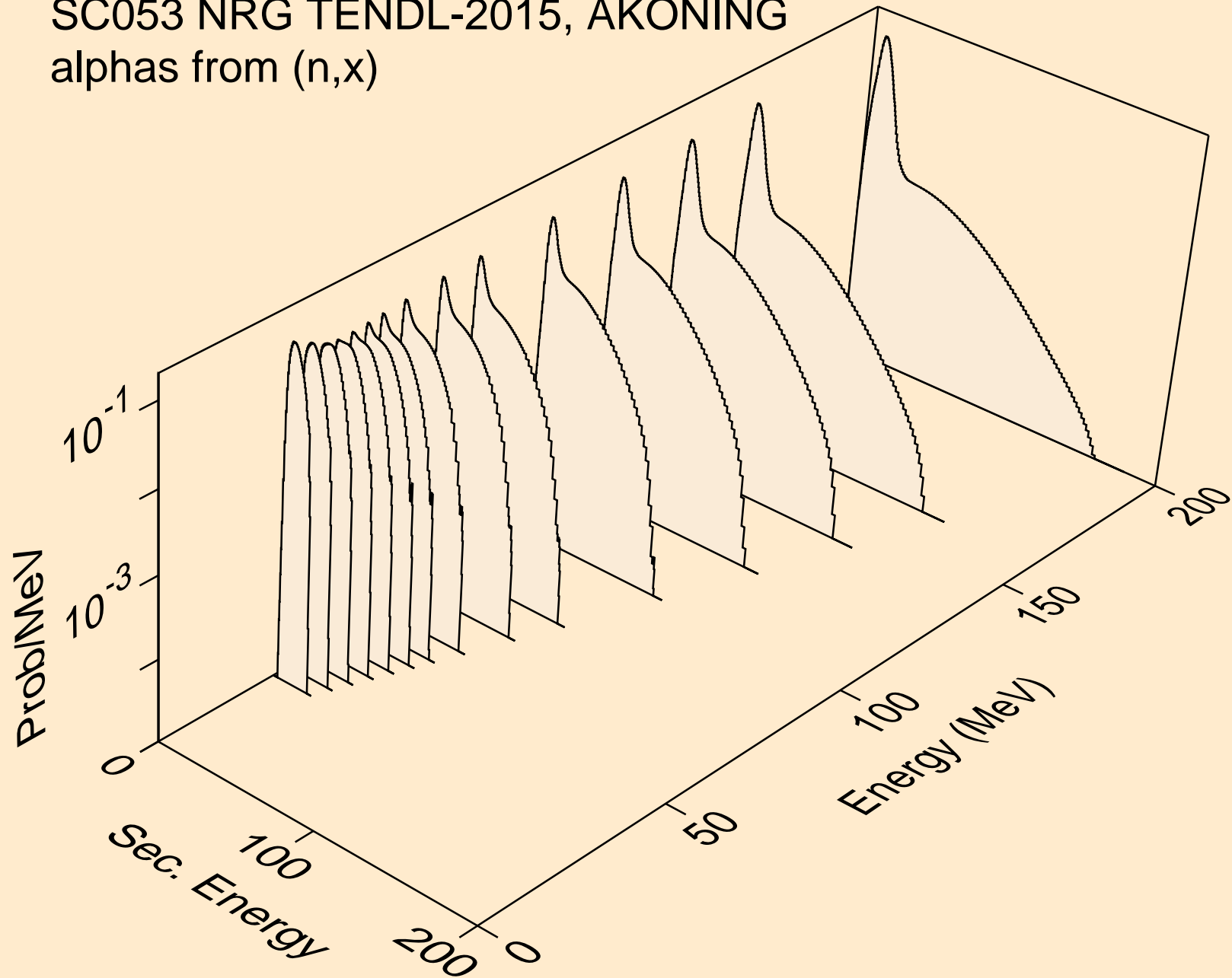




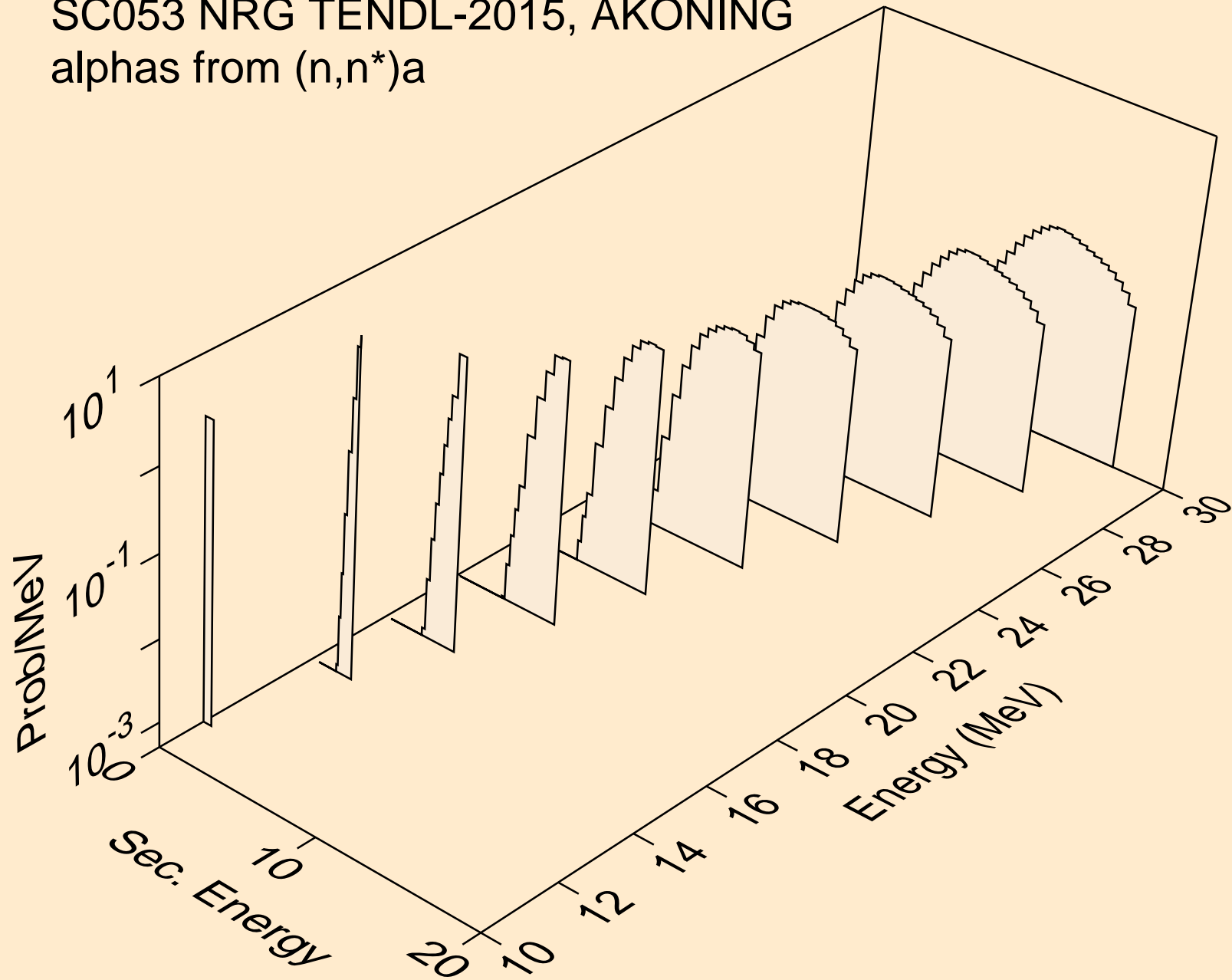
SC053 NRG TENDL-2015, AKONING  
he3s from (n,he3)



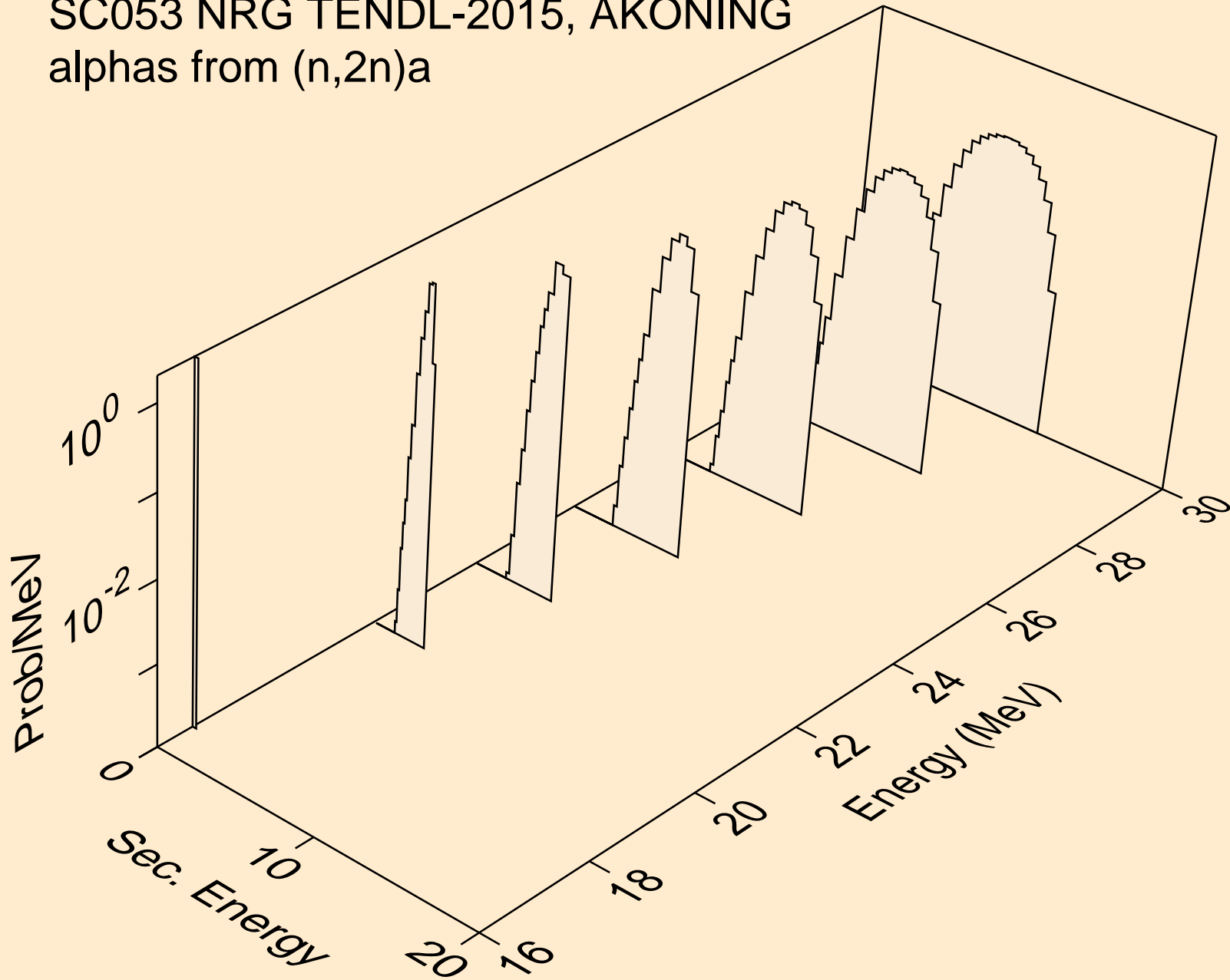
SC053 NRG TENDL-2015, AKONING  
alphas from (n,x)



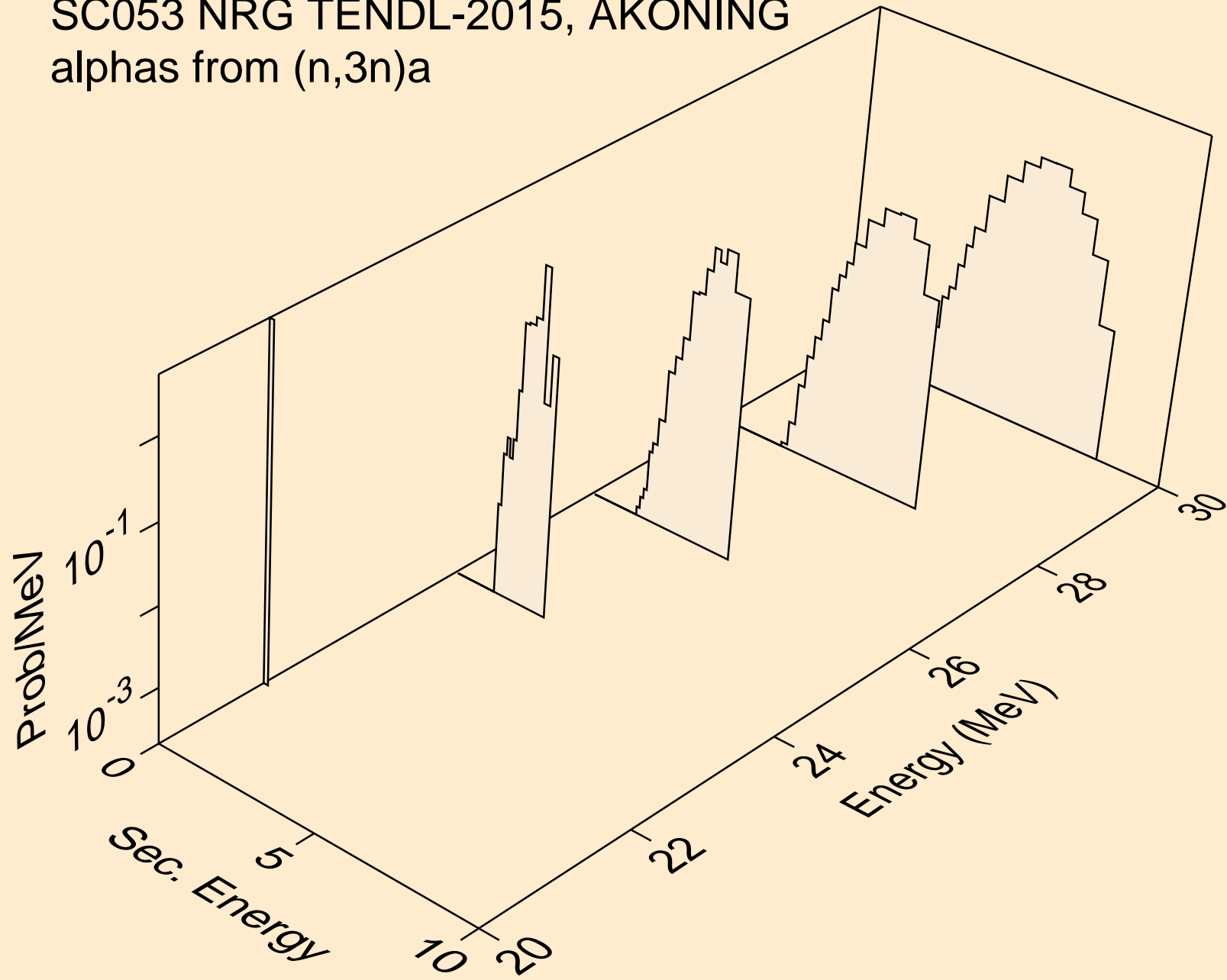
SC053 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



SC053 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



SC053 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



SC053 NRG TENDL-2015, AKONING  
alphas from (n,a)

