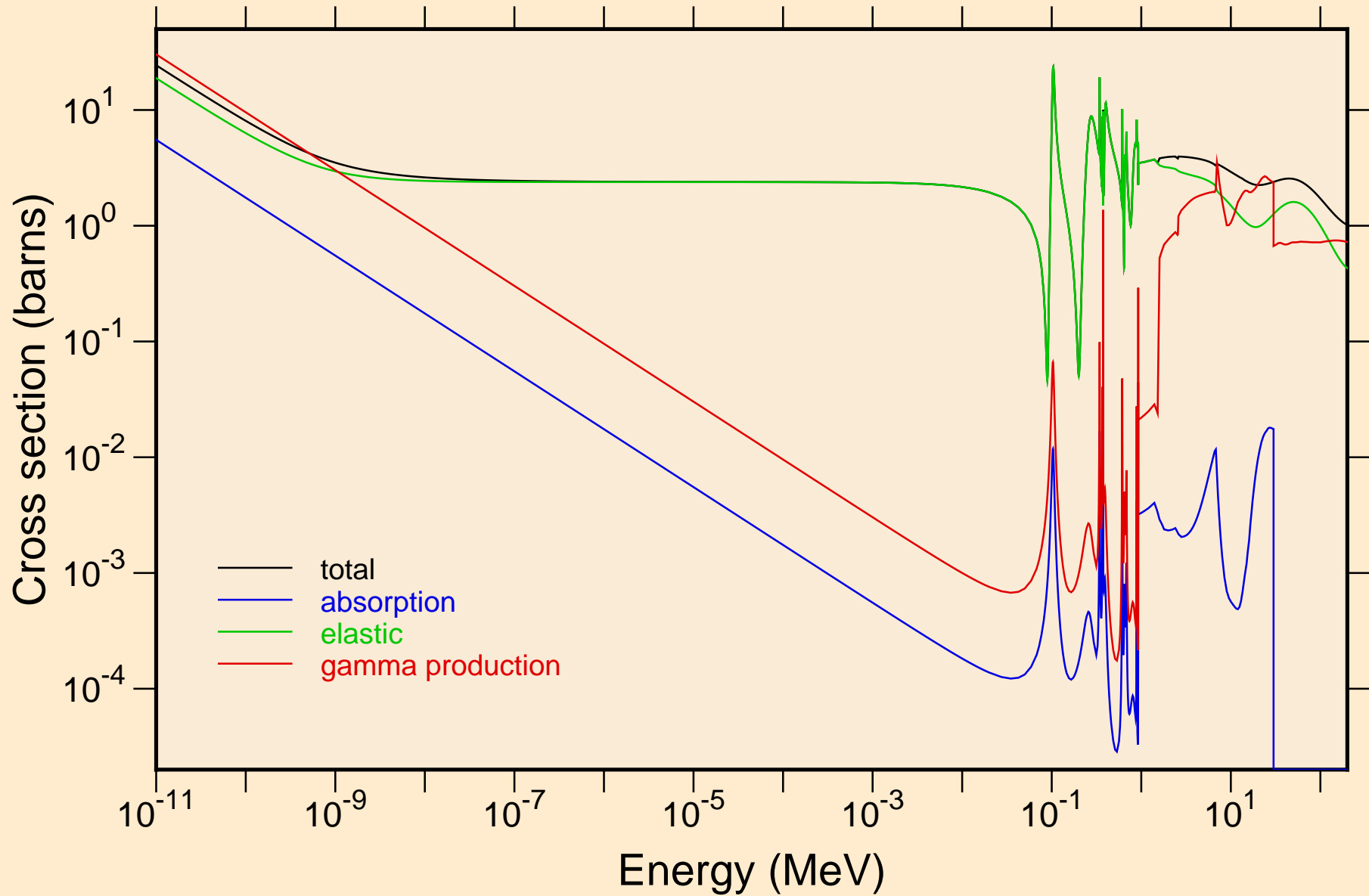
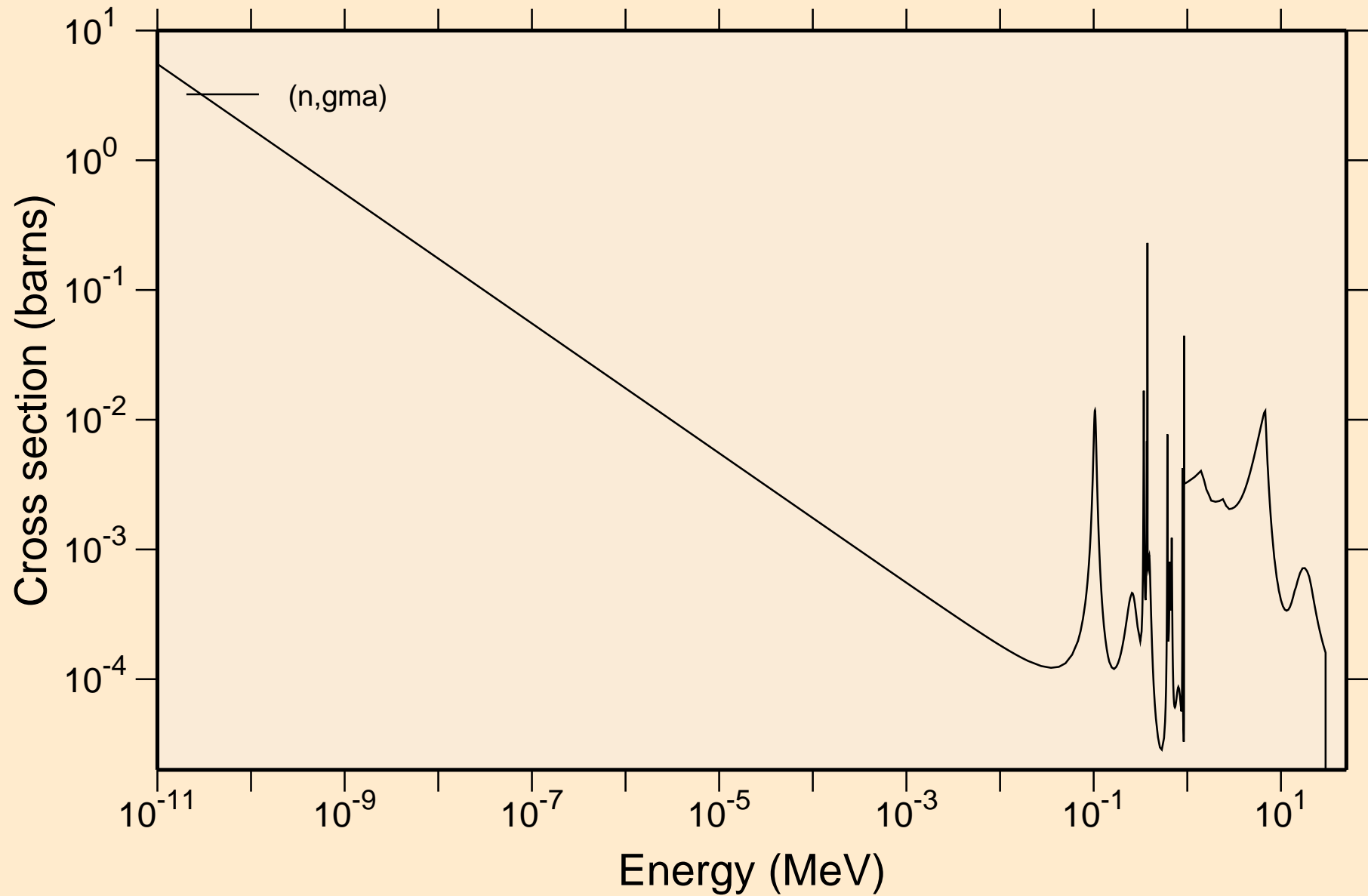


# TI054 NRG TENDL-2015, AKONING

## Principal cross sections

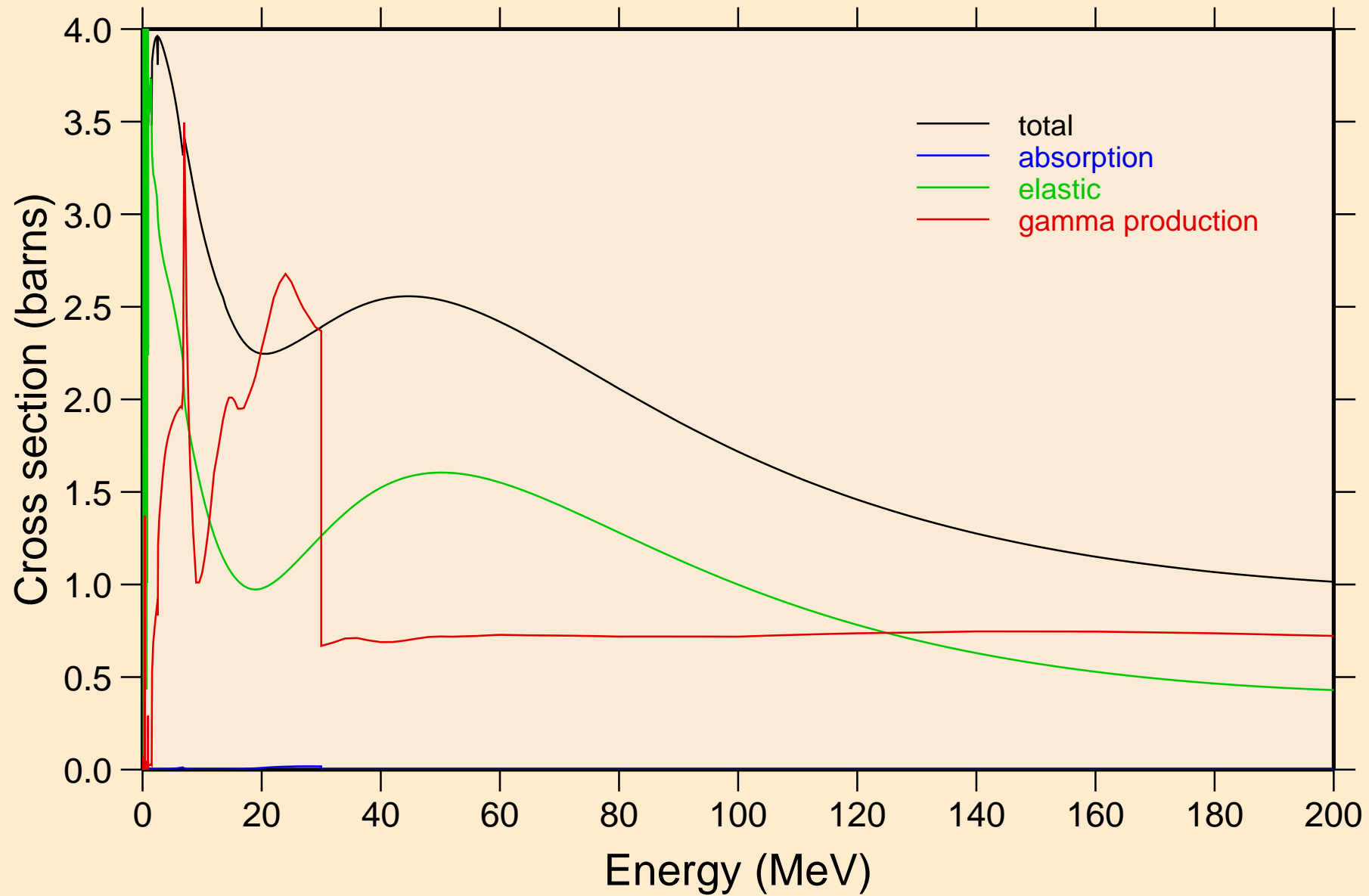


TI054 NRG TENDL-2015, AKONING  
Non-threshold reactions

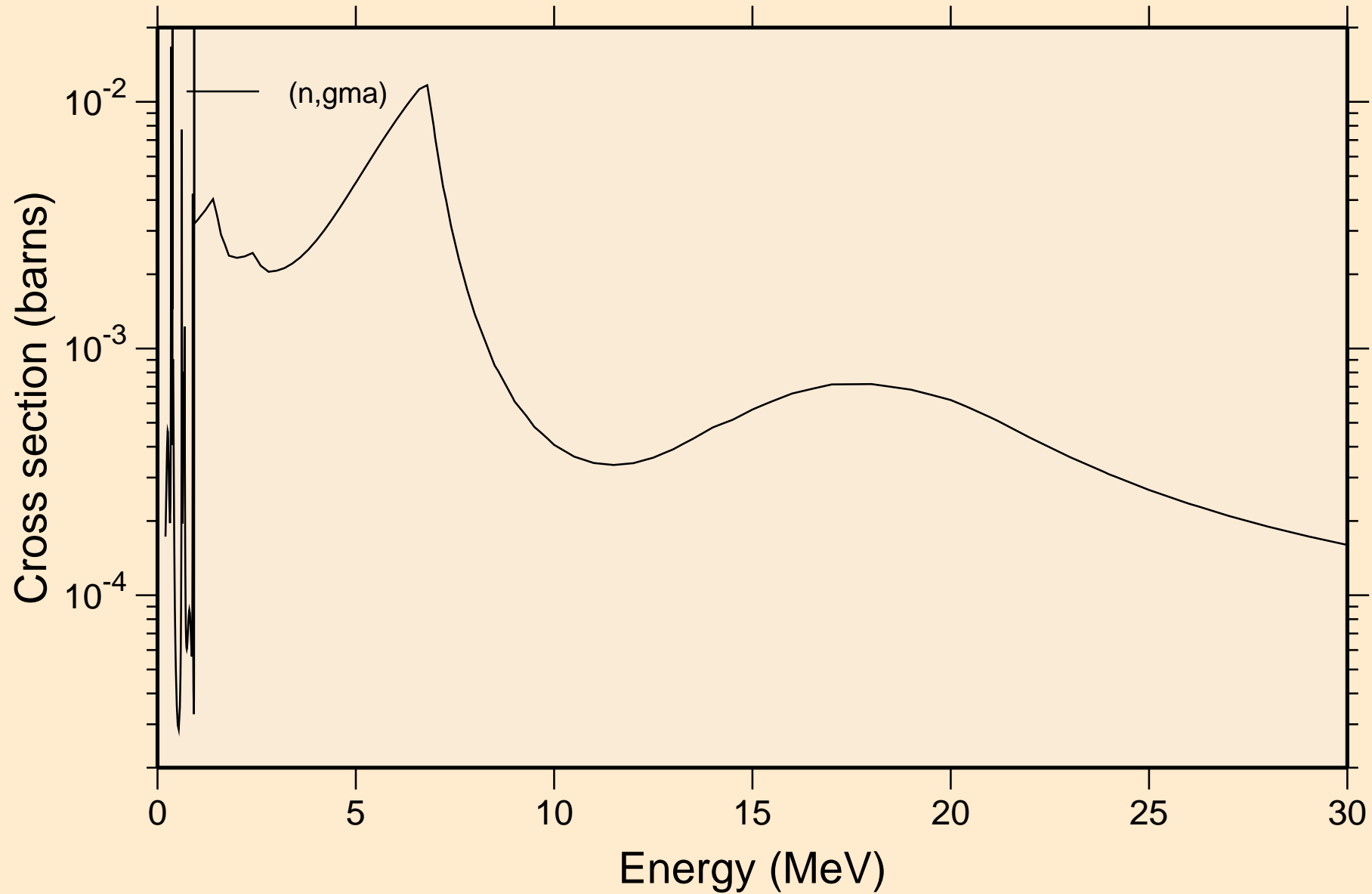


# TI054 NRG TENDL-2015, AKONING

## Principal cross sections

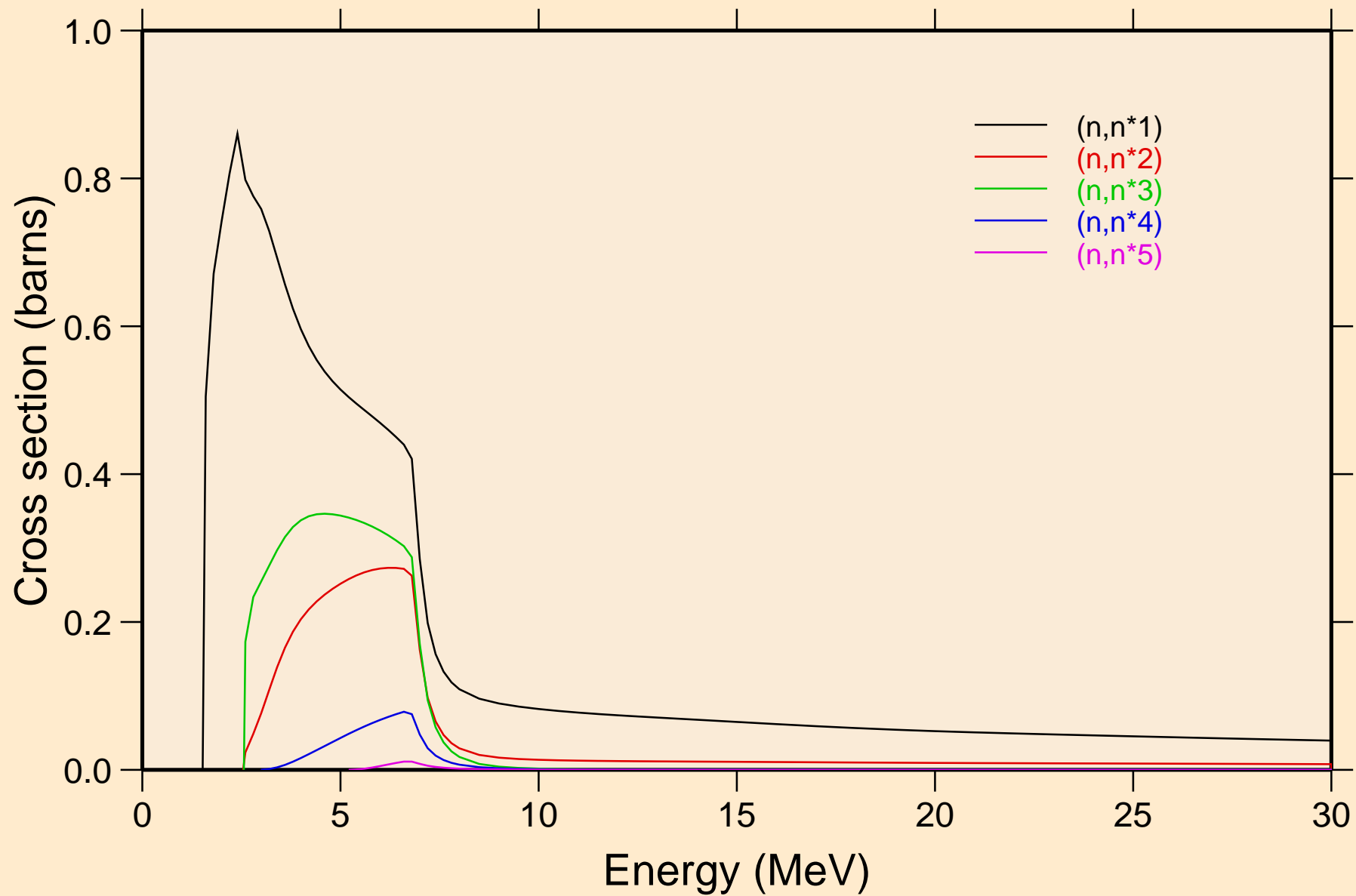


TI054 NRG TENDL-2015, AKONING  
Non-threshold reactions



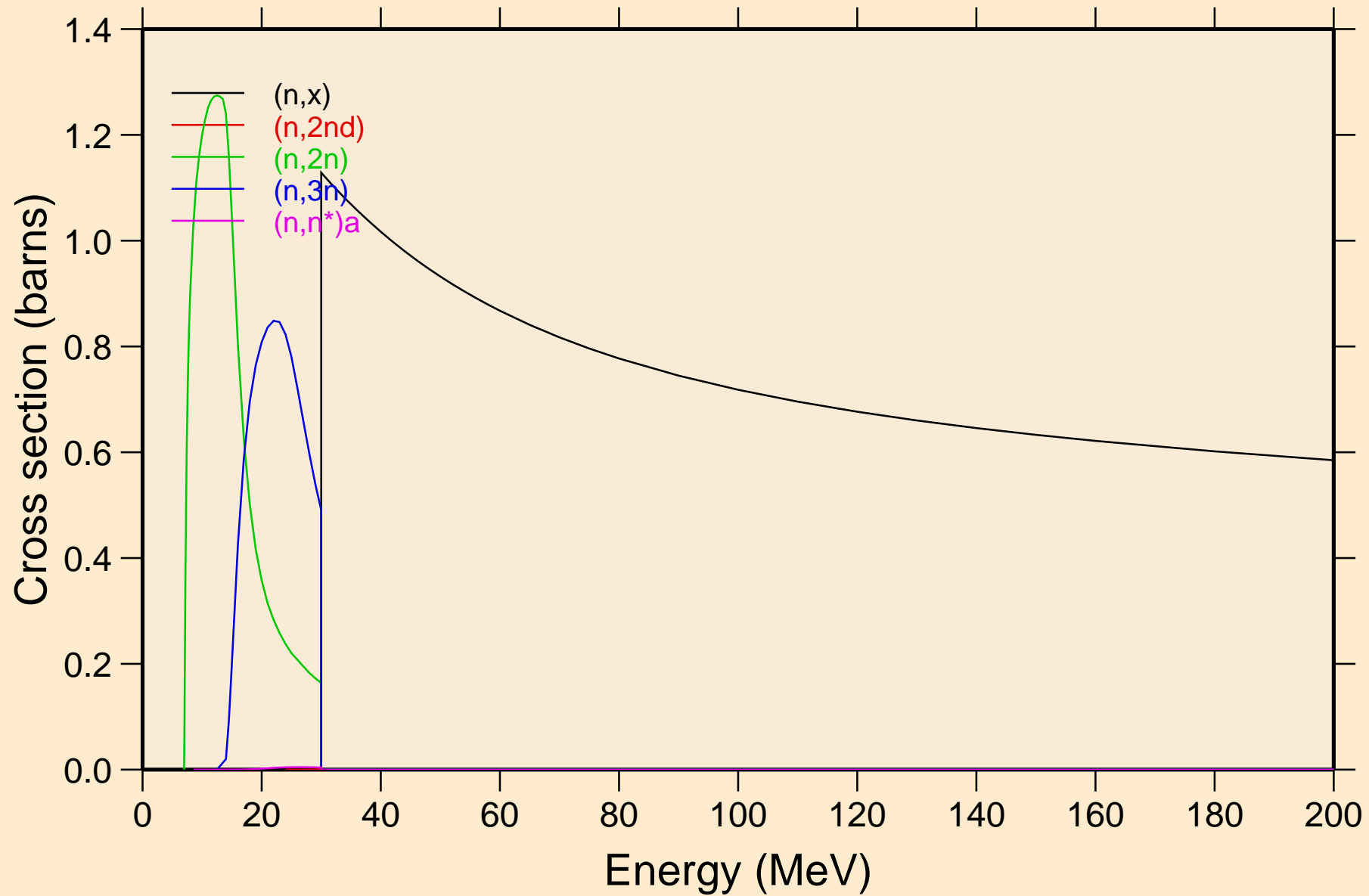
# TI054 NRG TENDL-2015, AKONING

## Inelastic levels



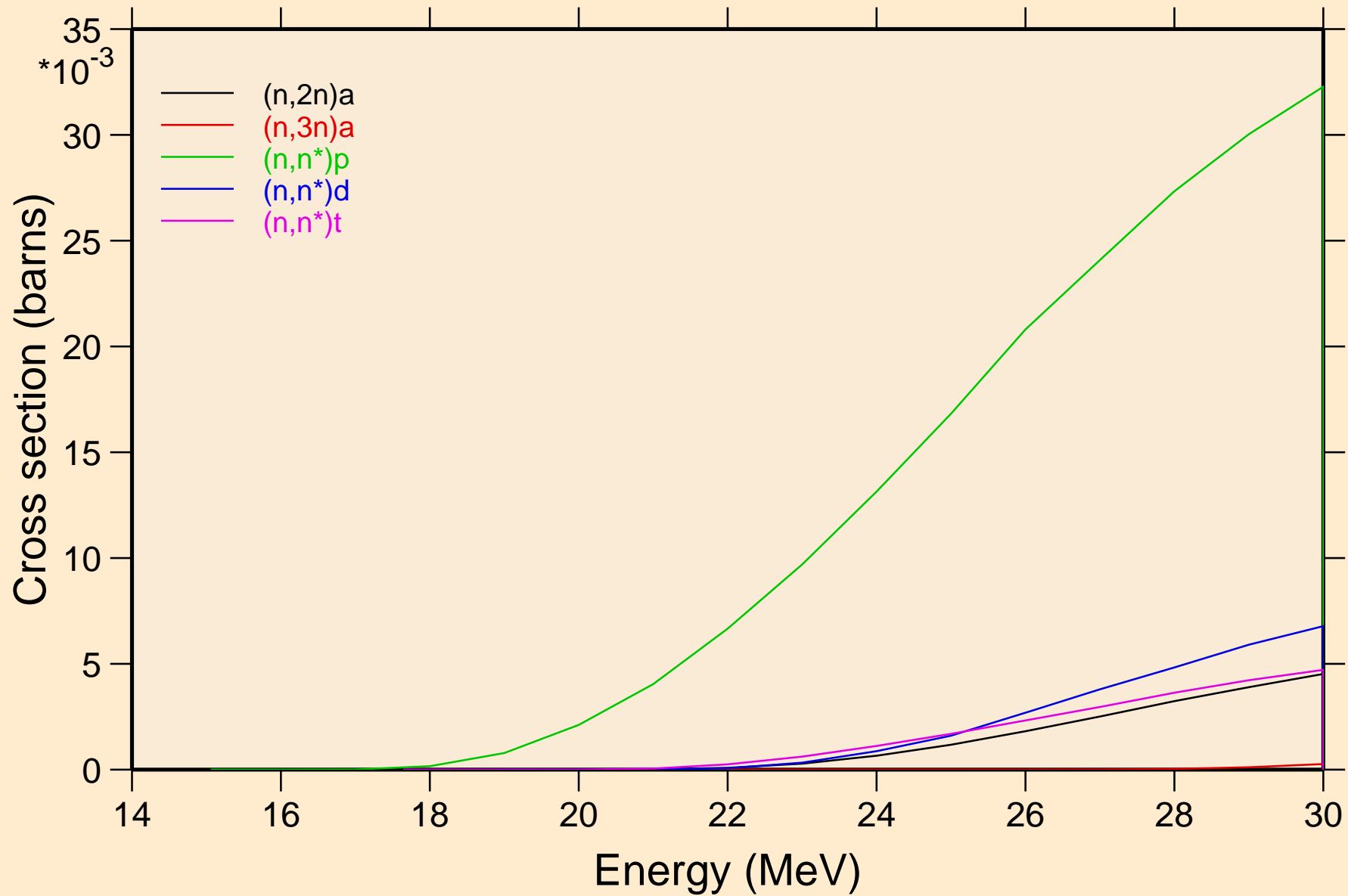
# TI054 NRG TENDL-2015, AKONING

## Threshold reactions



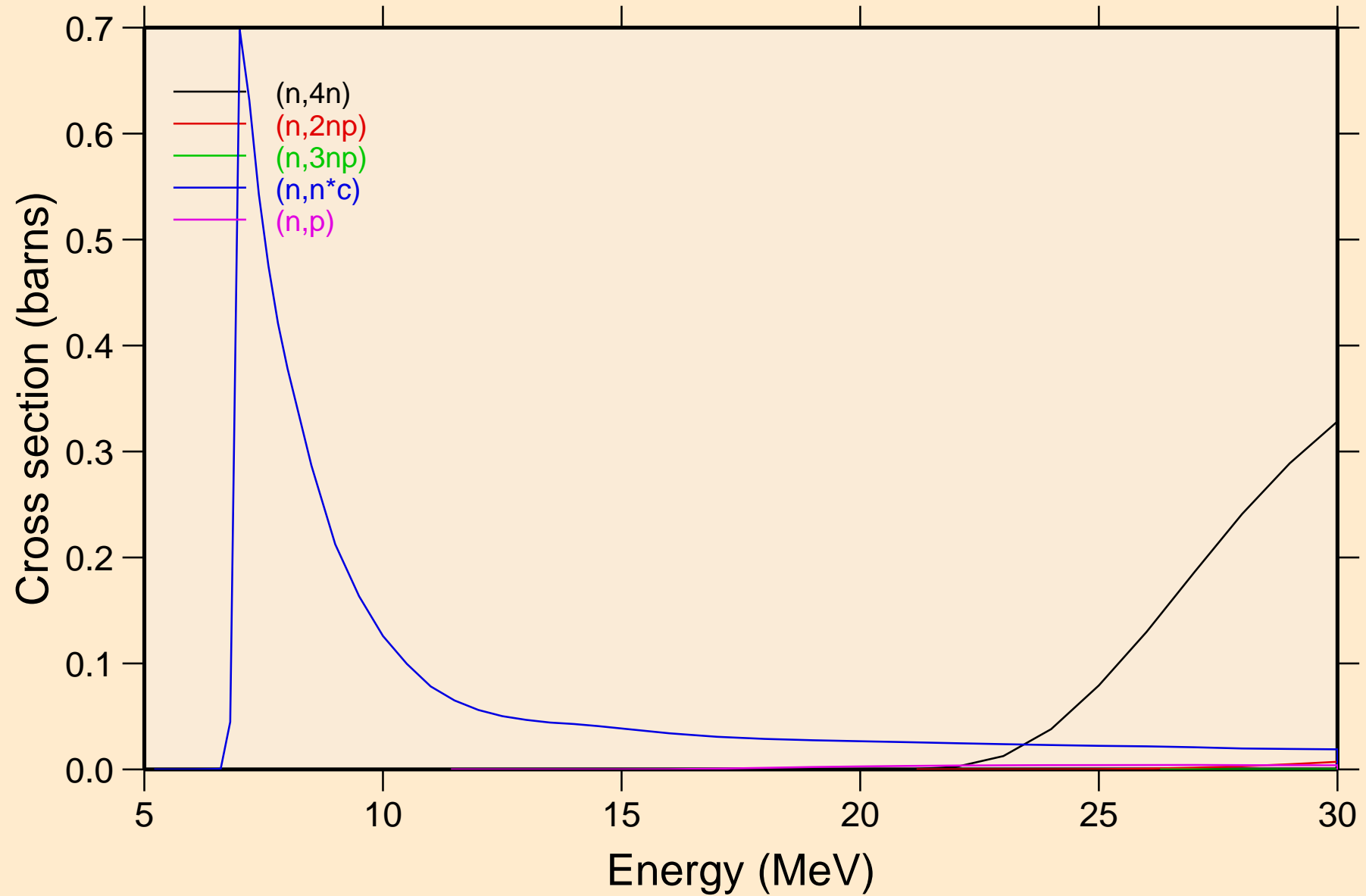
# TI054 NRG TENDL-2015, AKONING

## Threshold reactions



# TI054 NRG TENDL-2015, AKONING

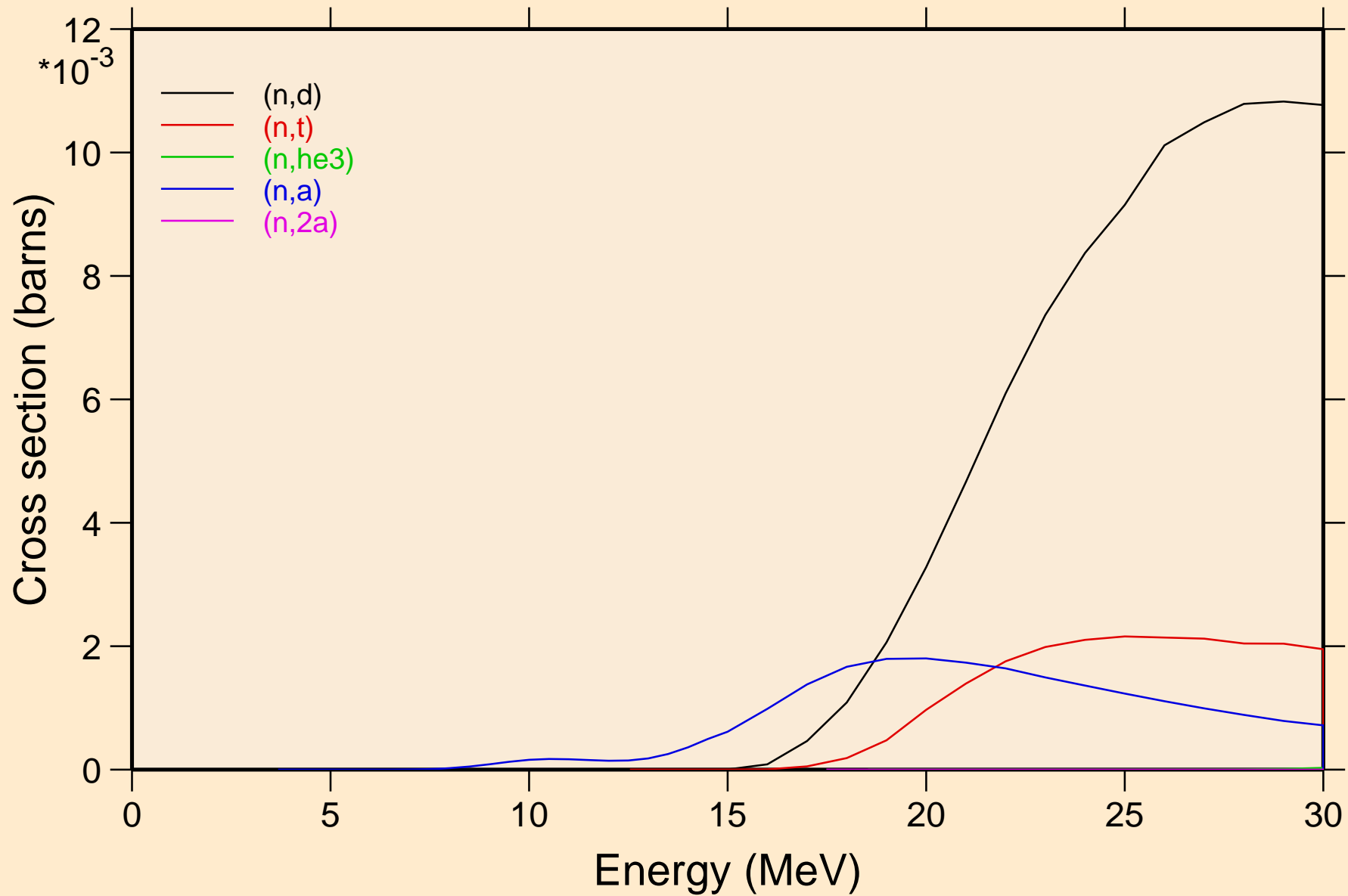
## Threshold reactions





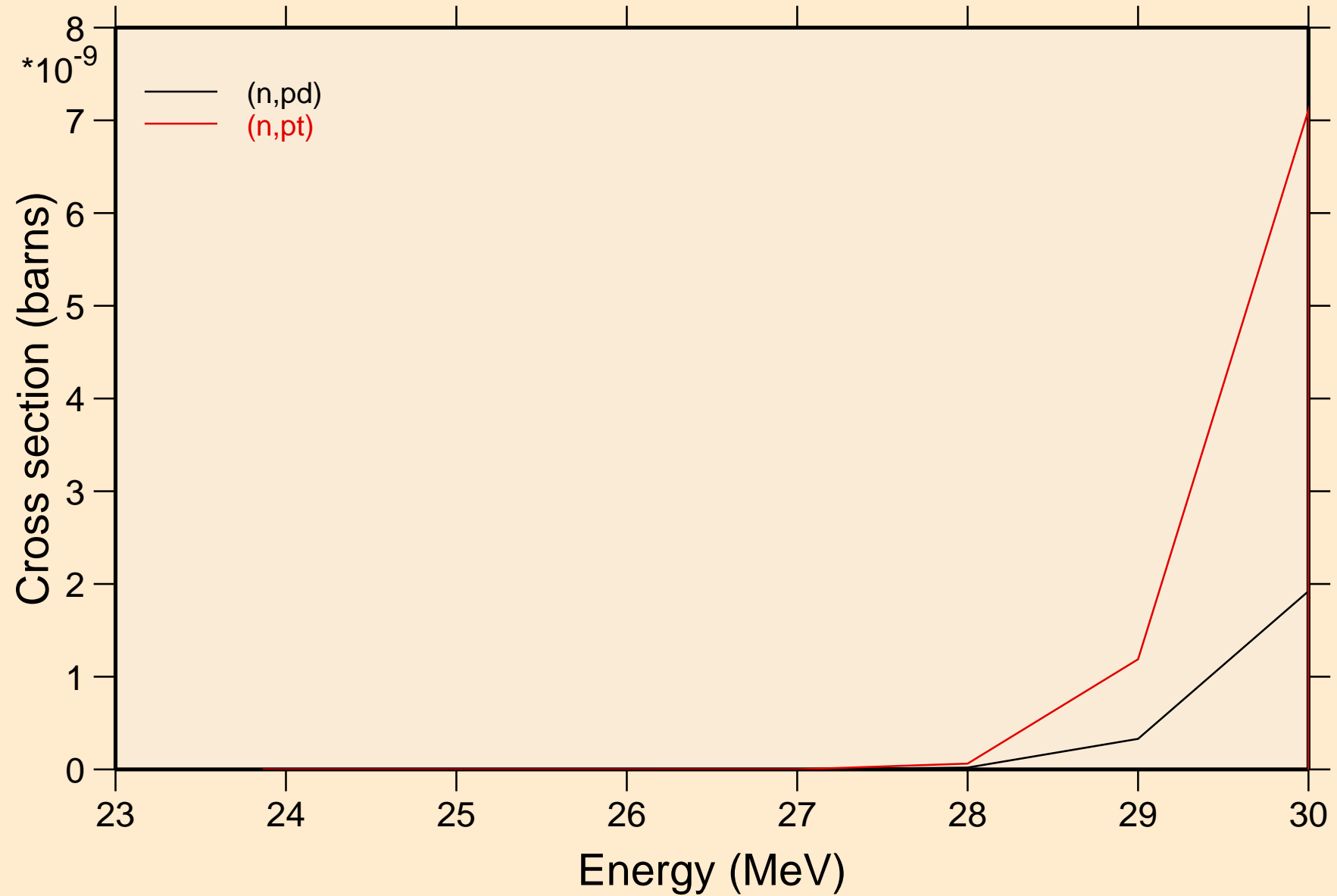
# TI054 NRG TENDL-2015, AKONING

## Threshold reactions

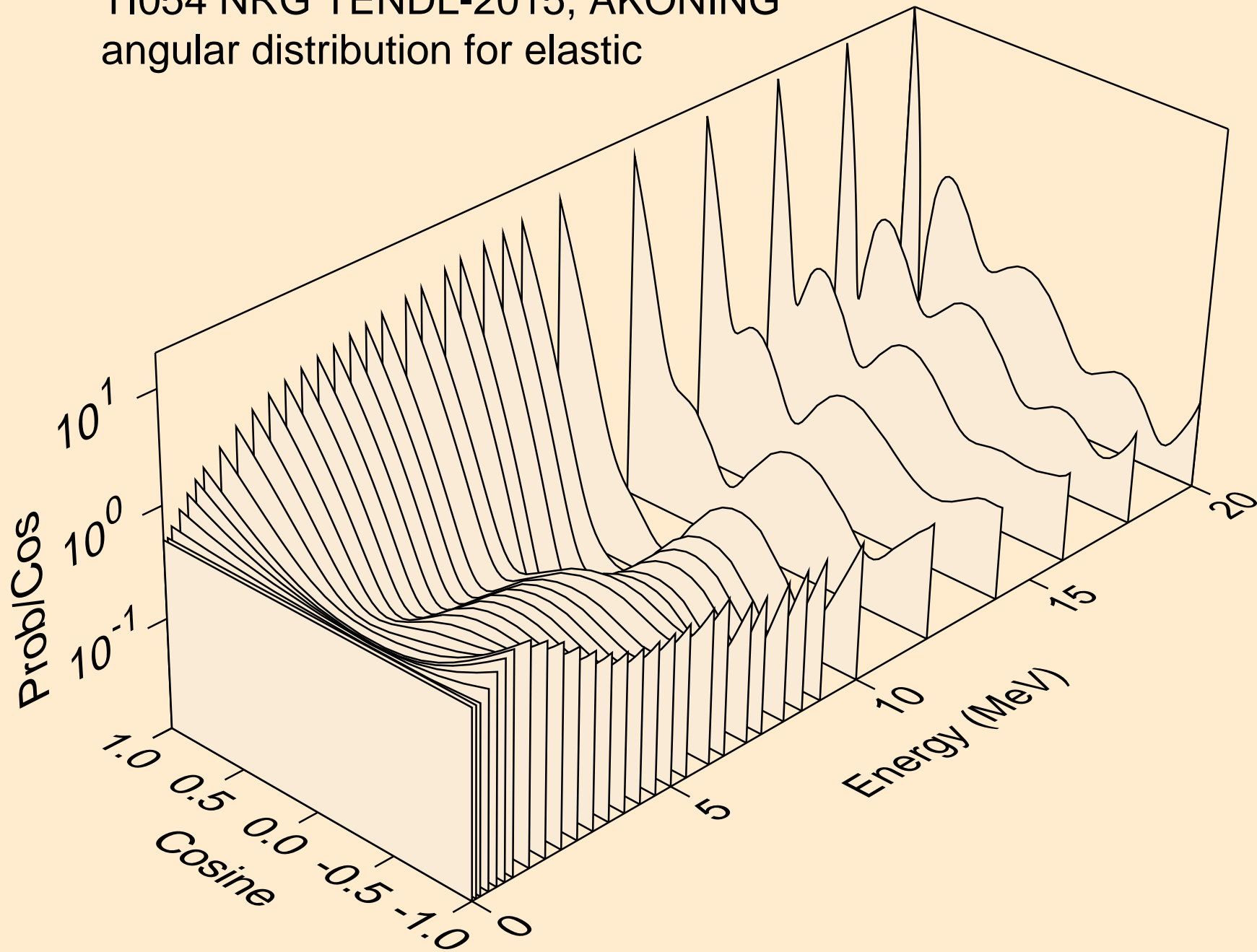


# TI054 NRG TENDL-2015, AKONING

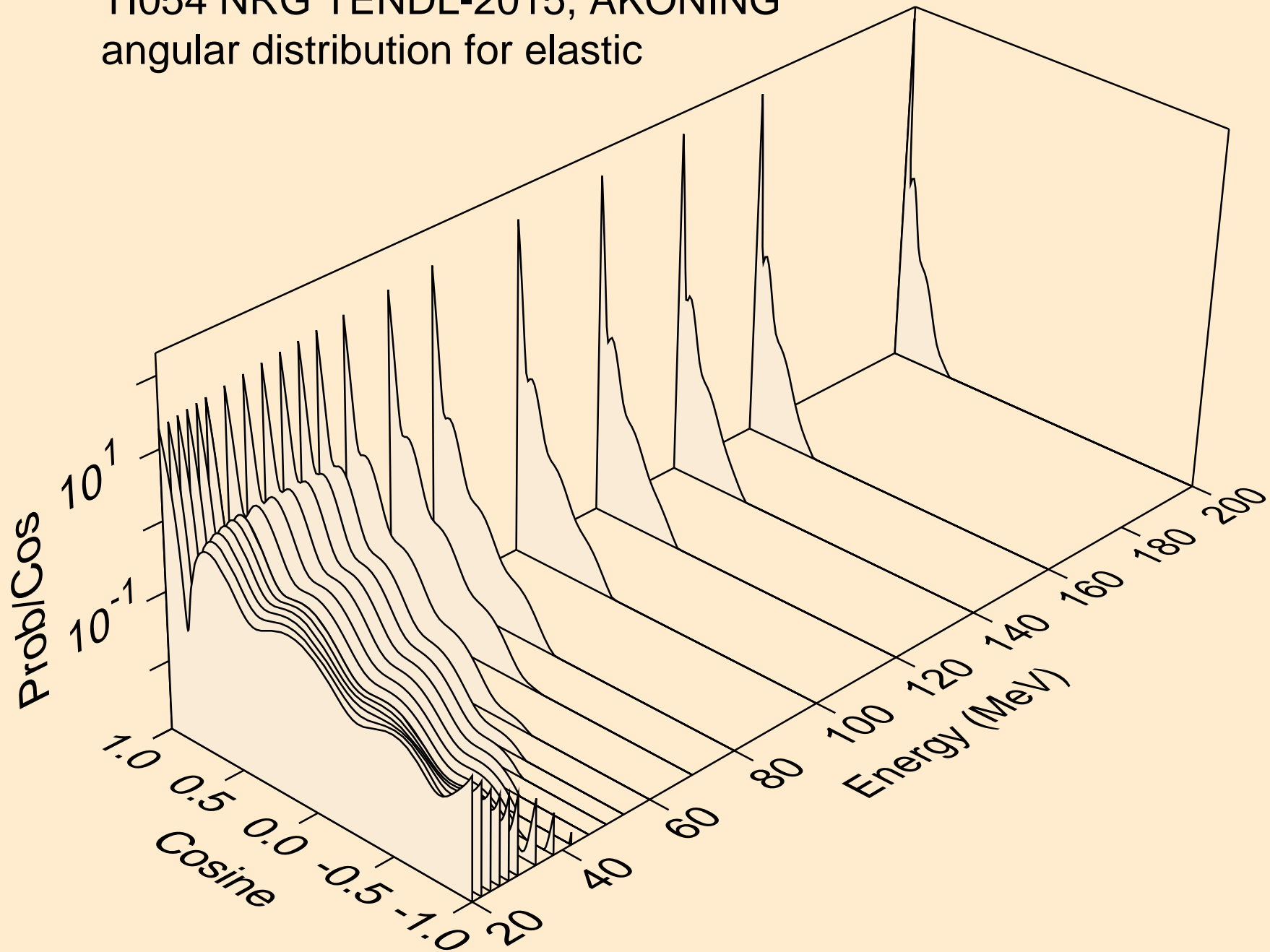
## Threshold reactions



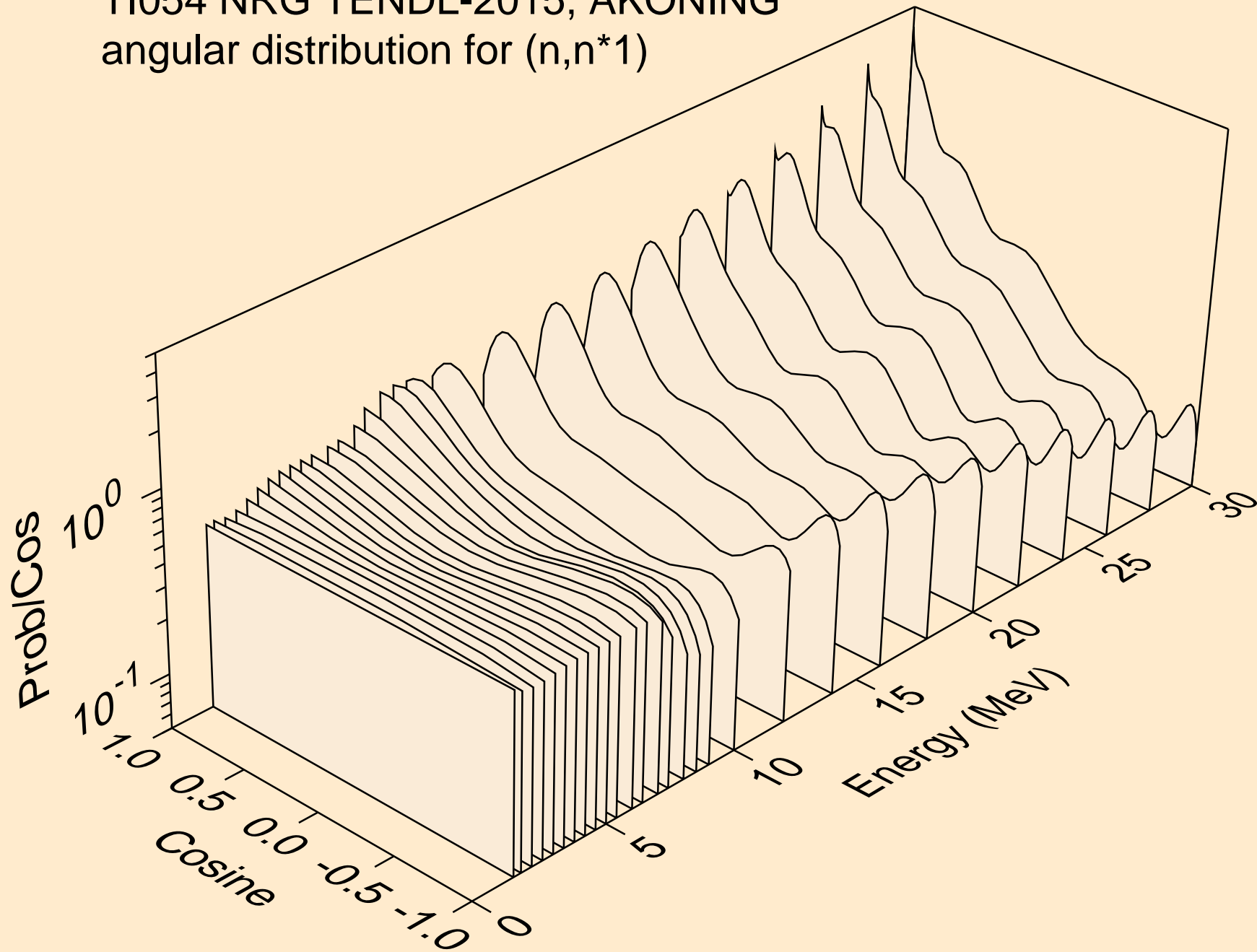
TI054 NRG TENDL-2015, AKONING  
angular distribution for elastic



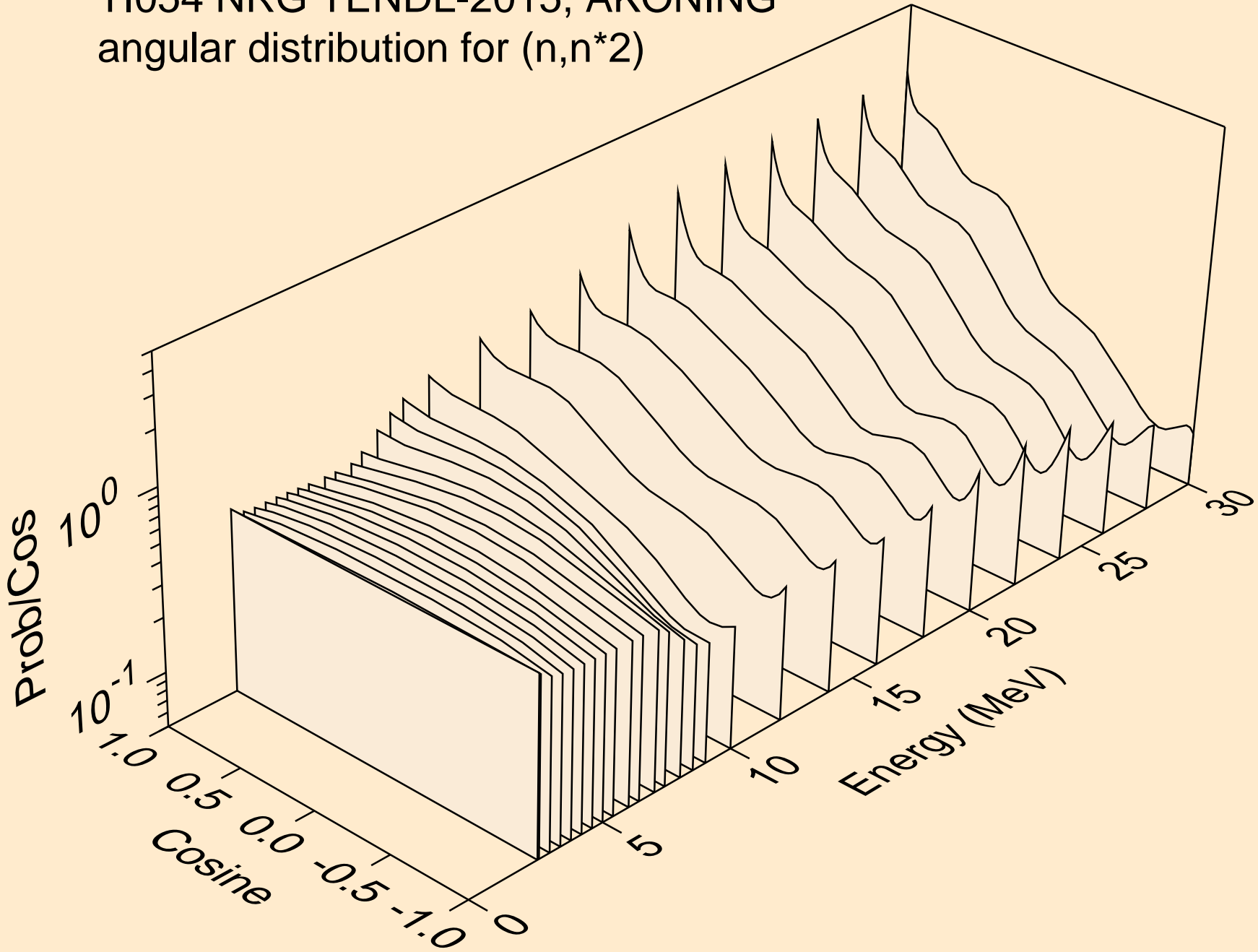
TI054 NRG TENDL-2015, AKONING  
angular distribution for elastic



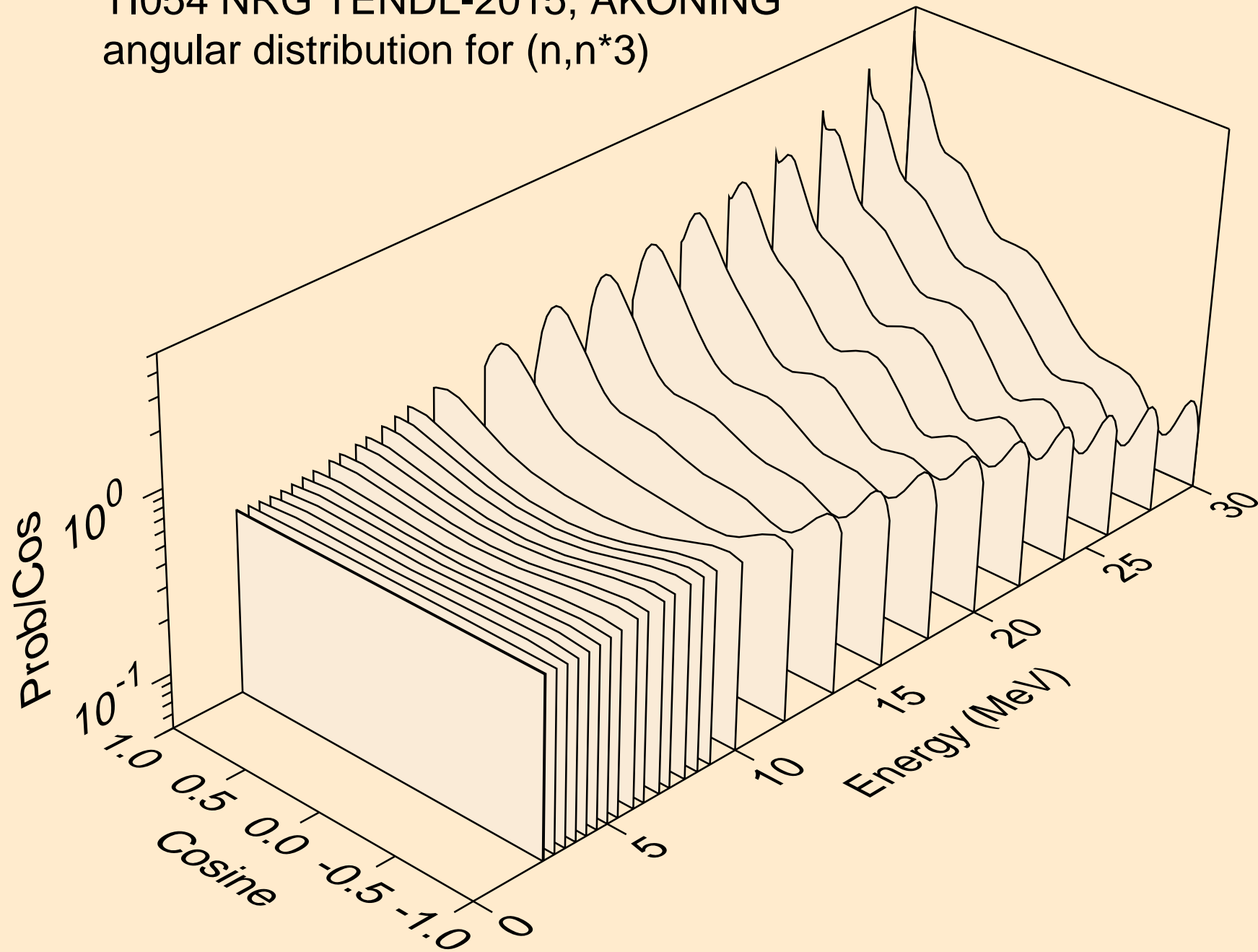
TI054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



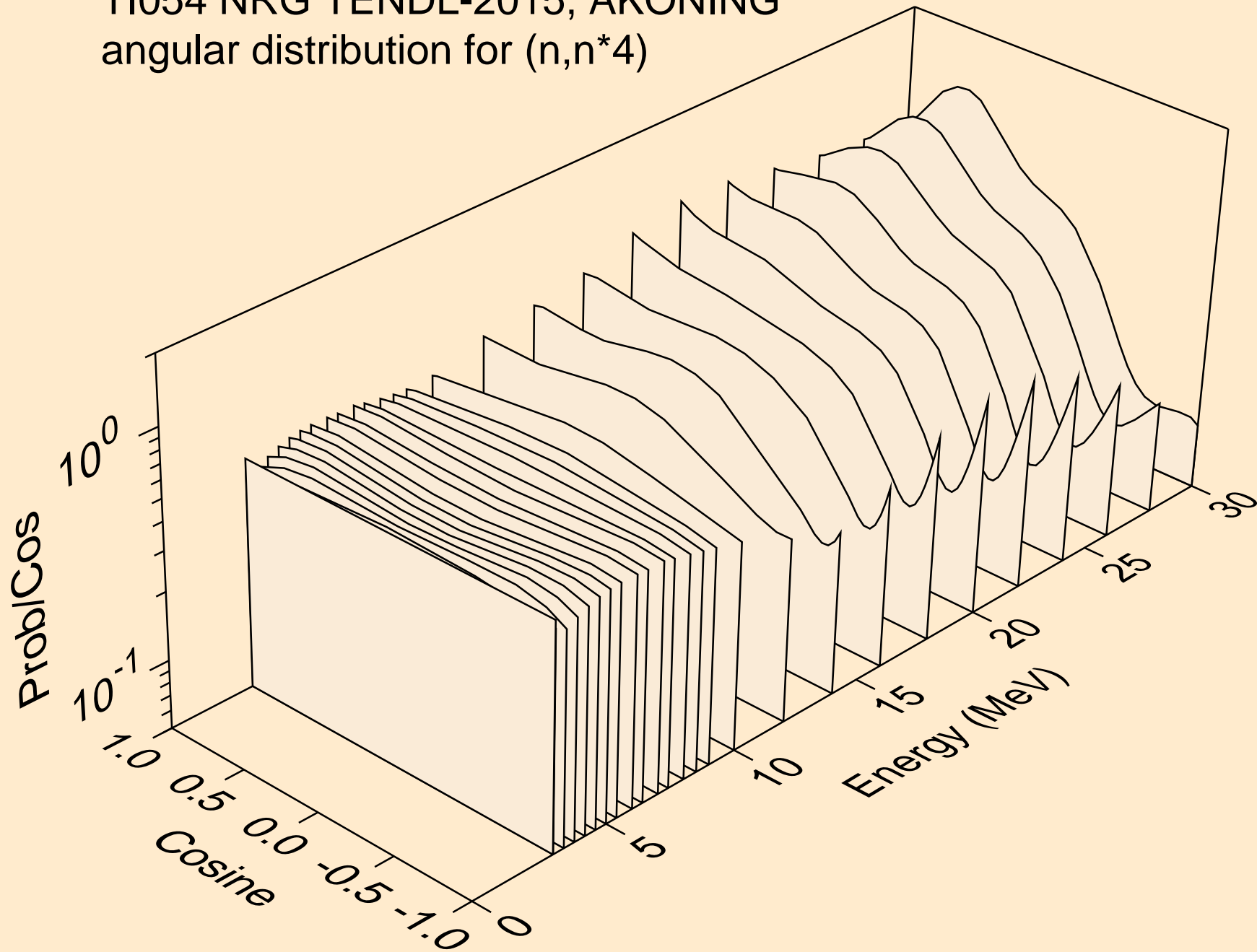
TI054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



TI054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

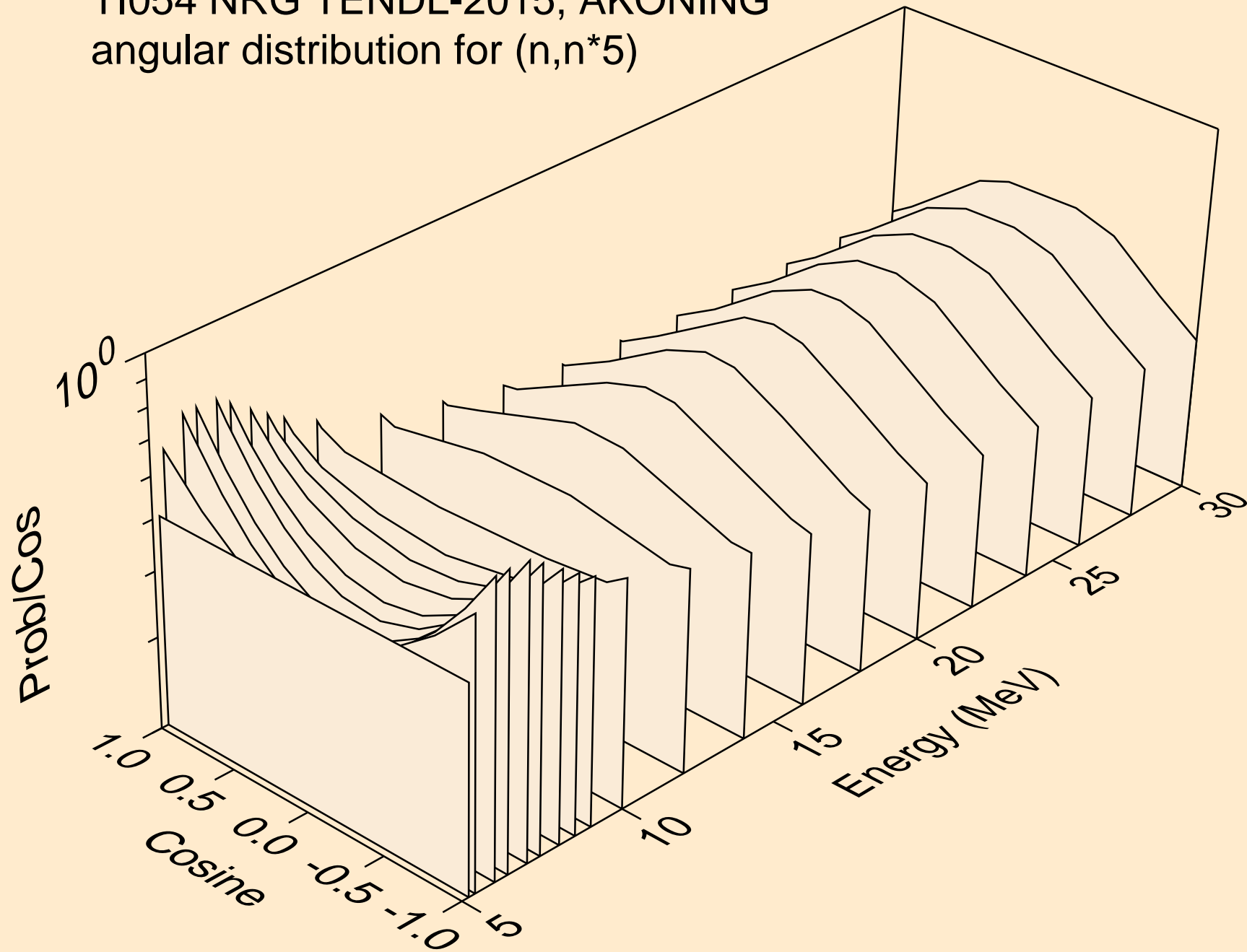


TI054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

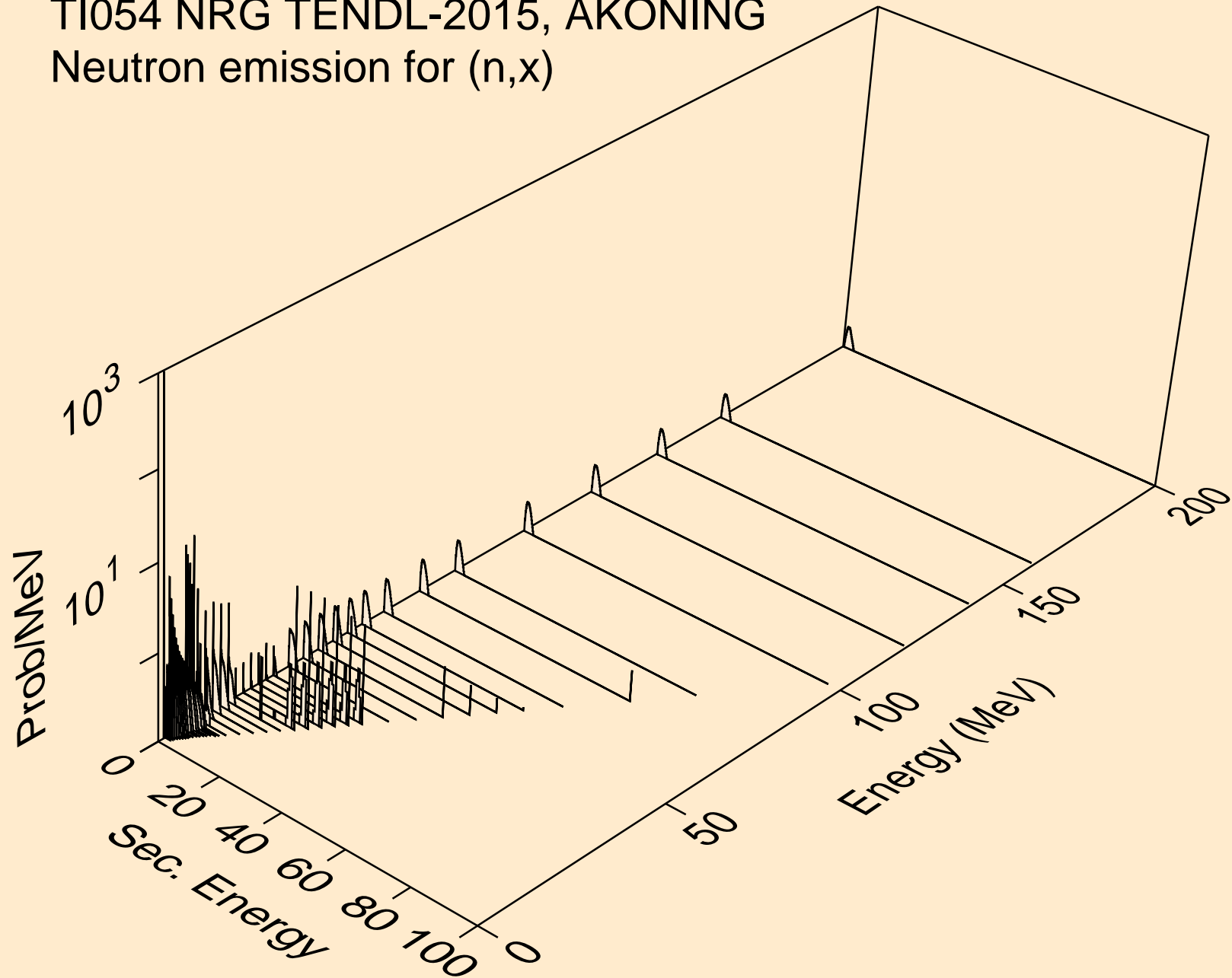




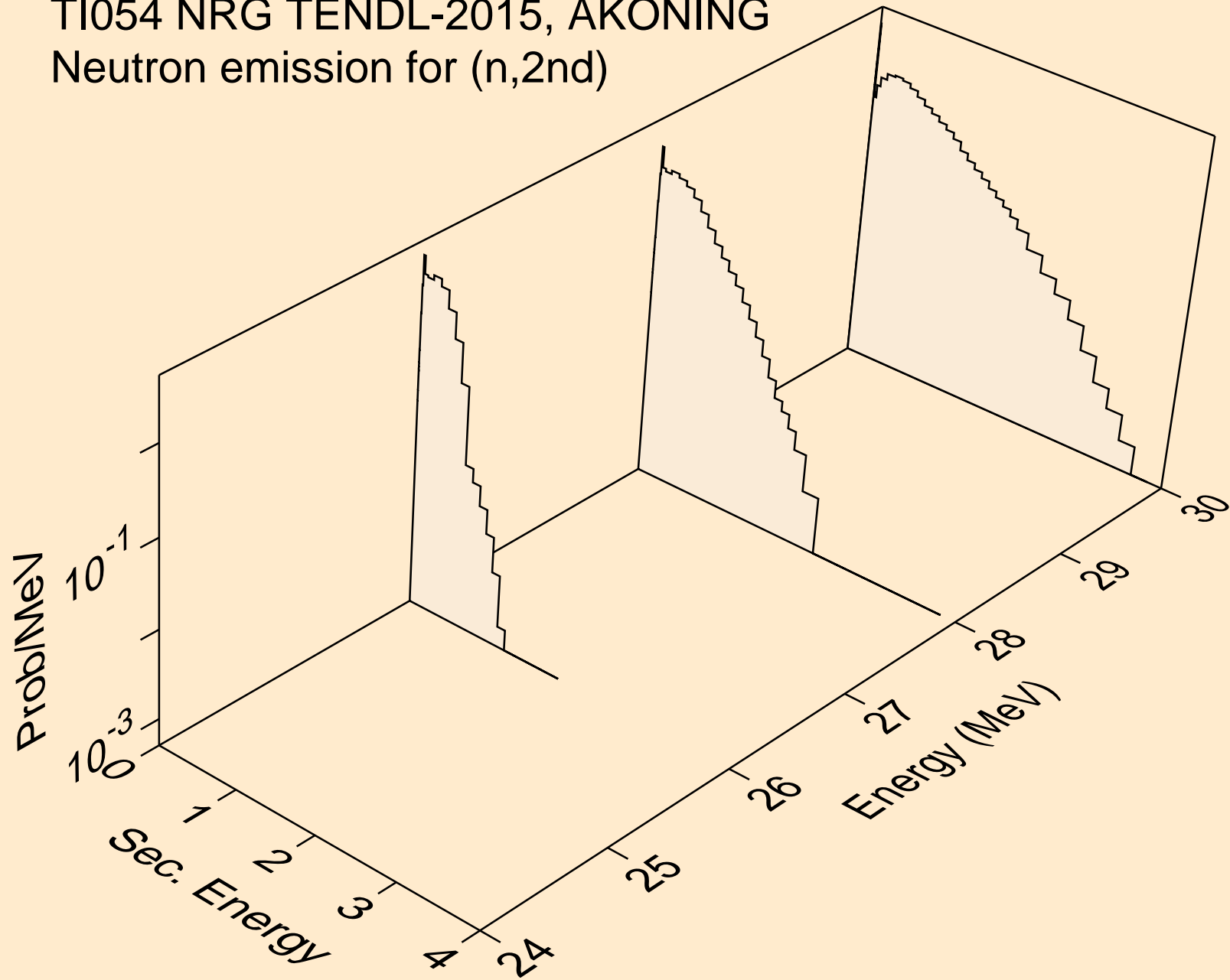
TI054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



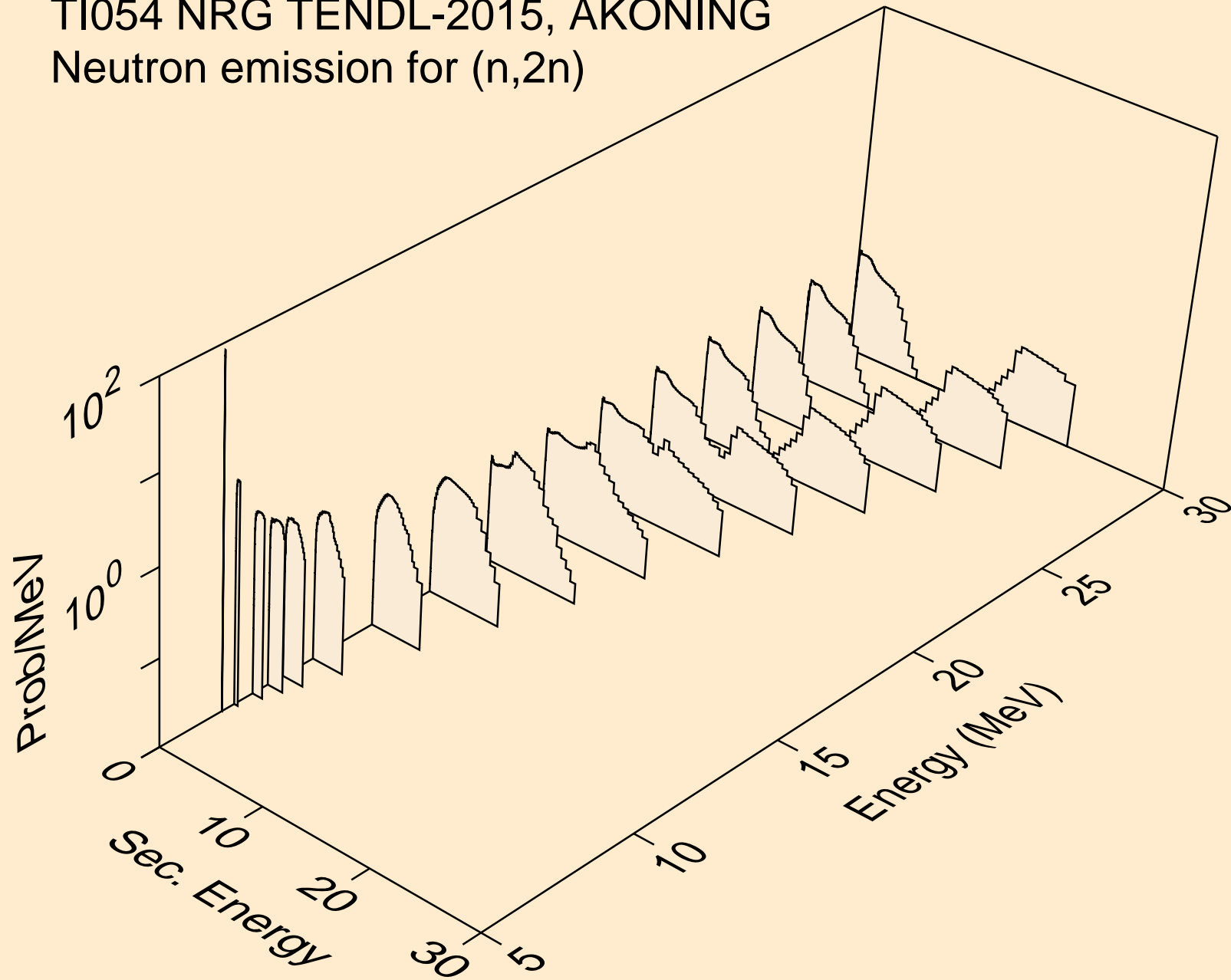
TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



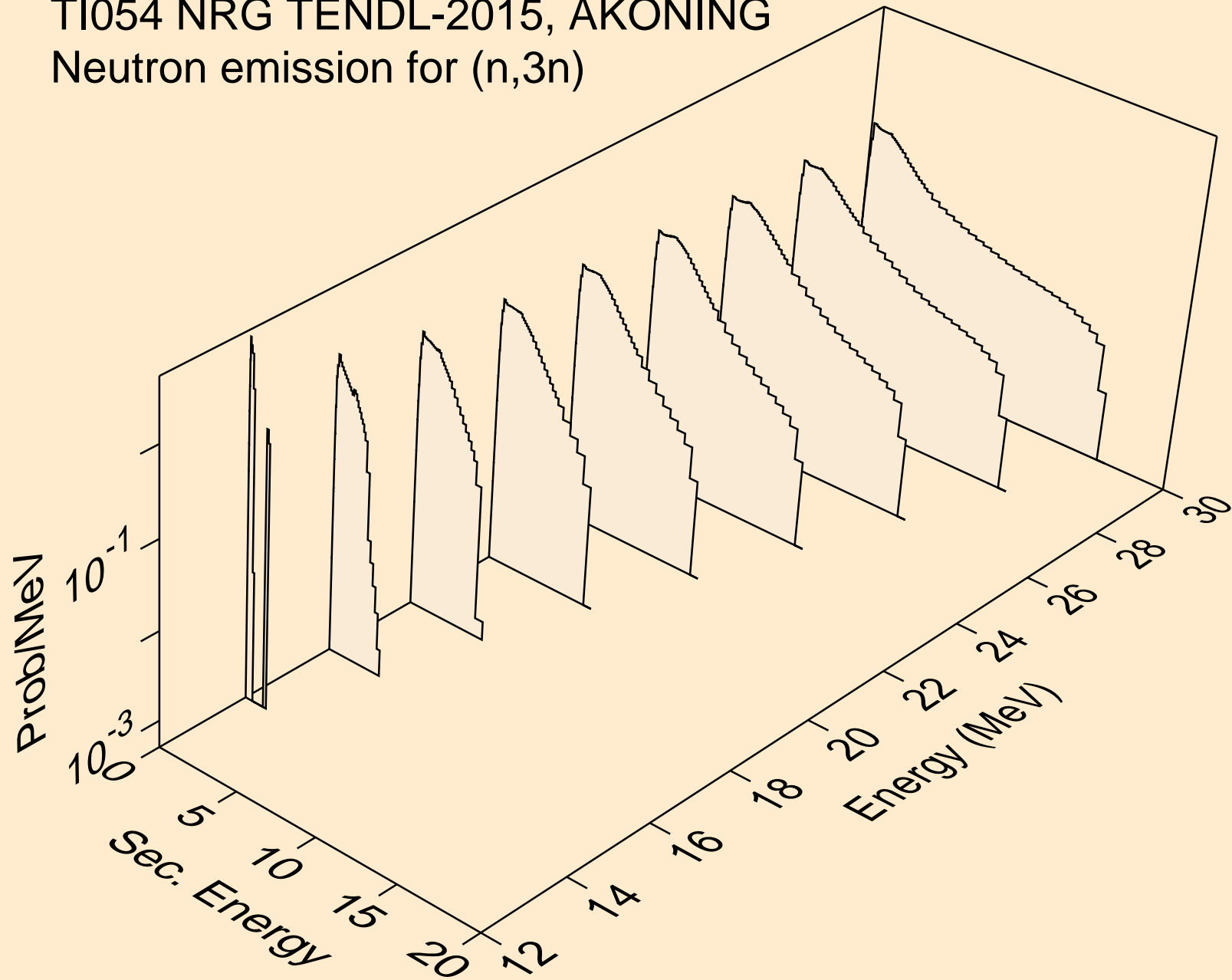
TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



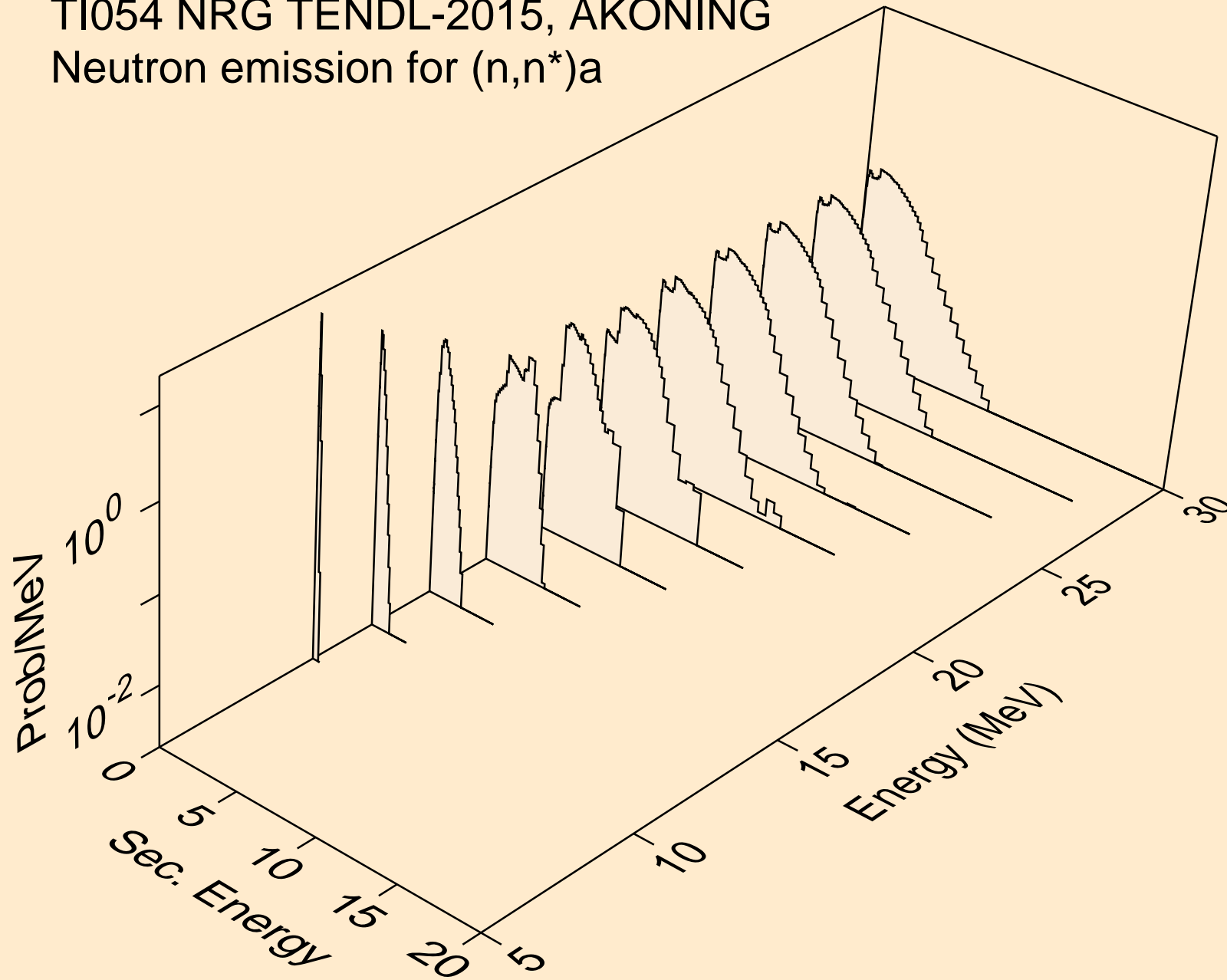
TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



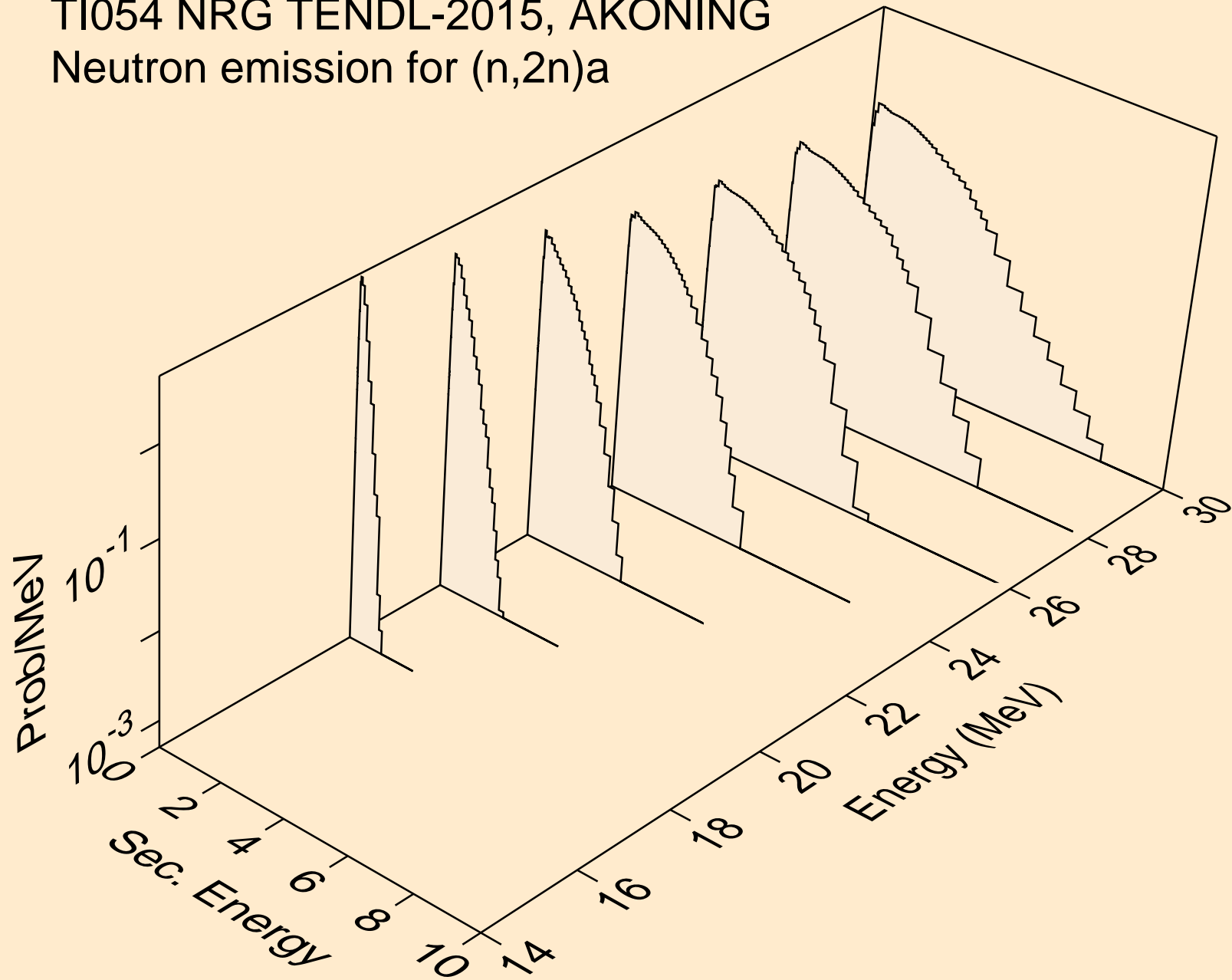
TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



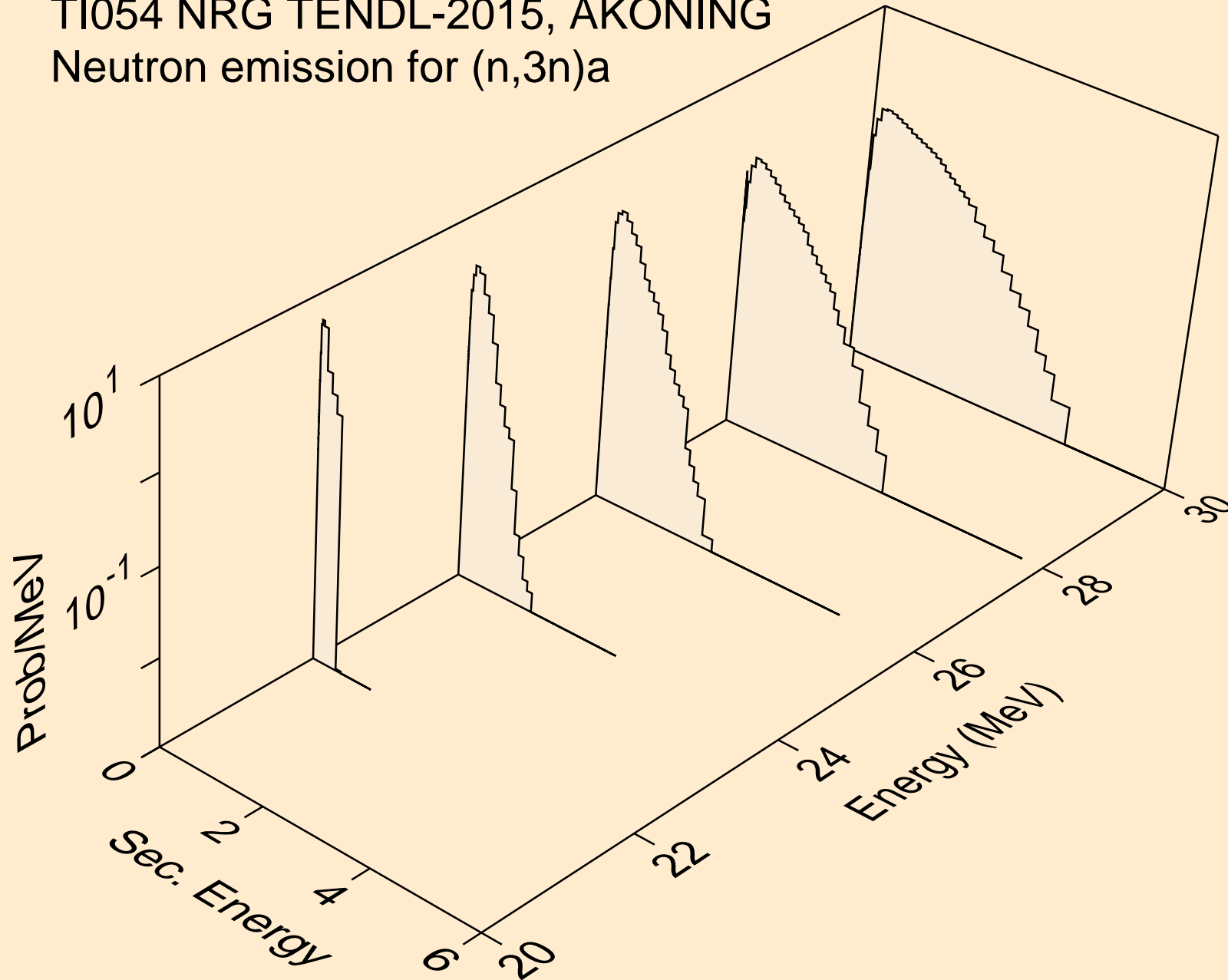
TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

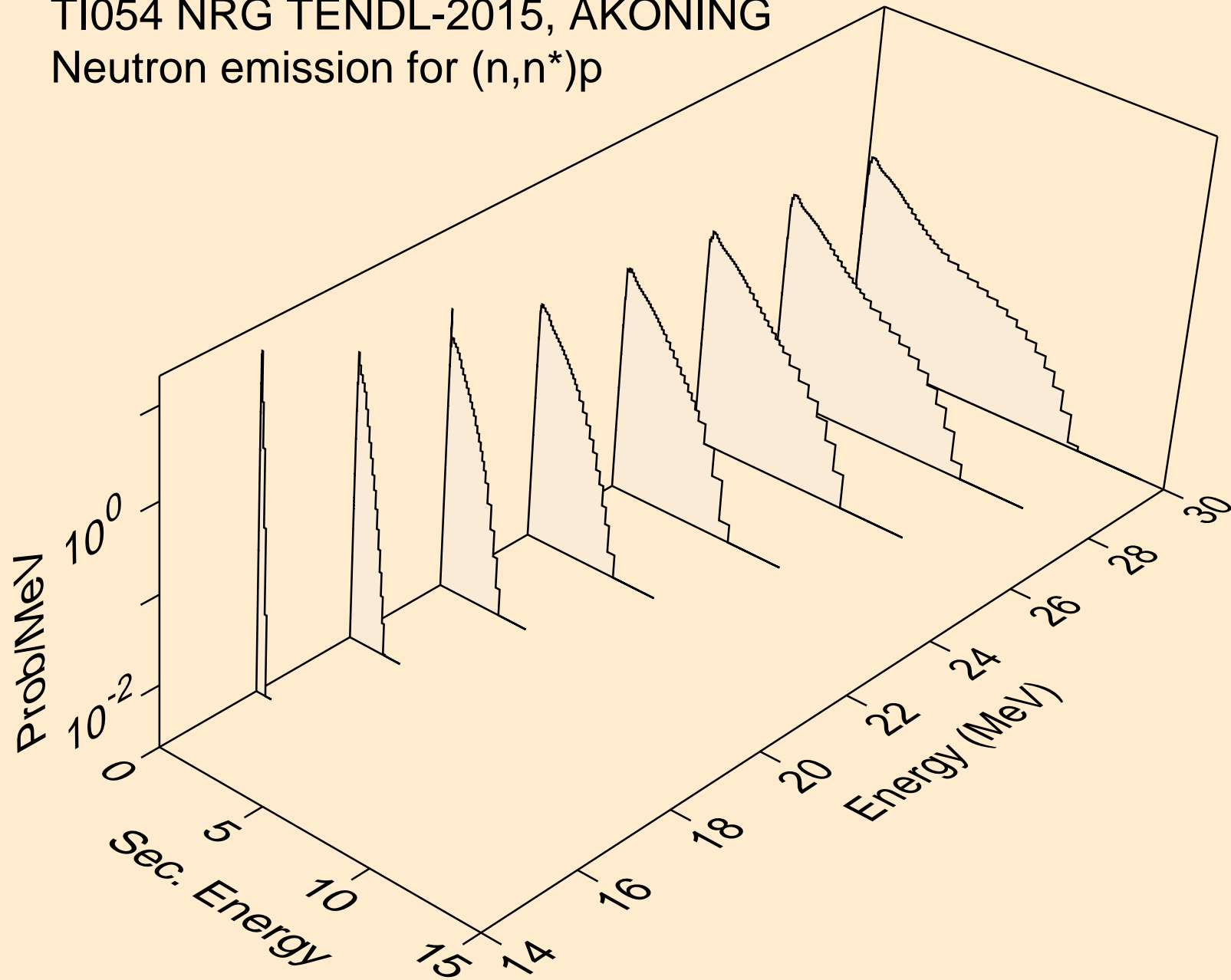


TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

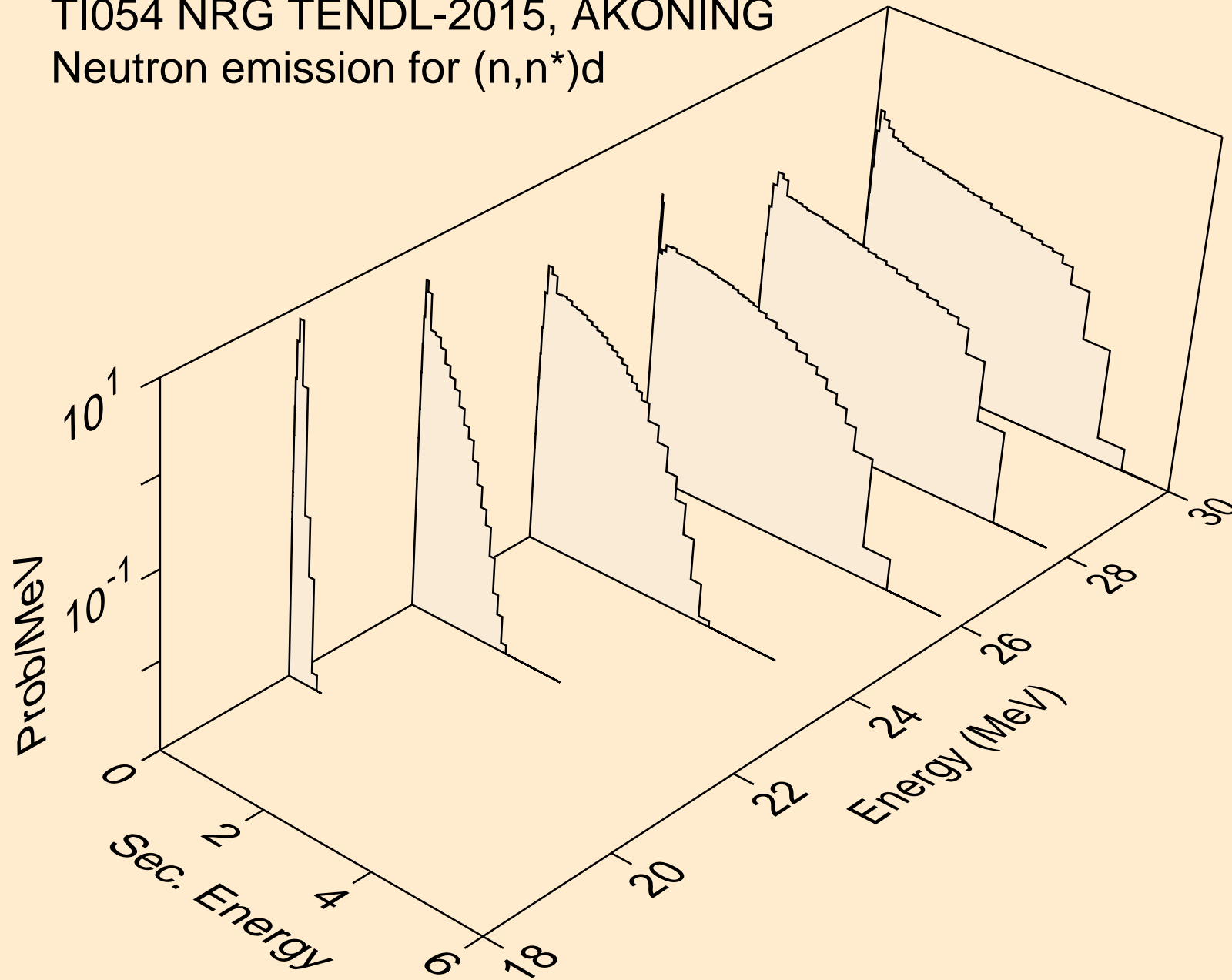




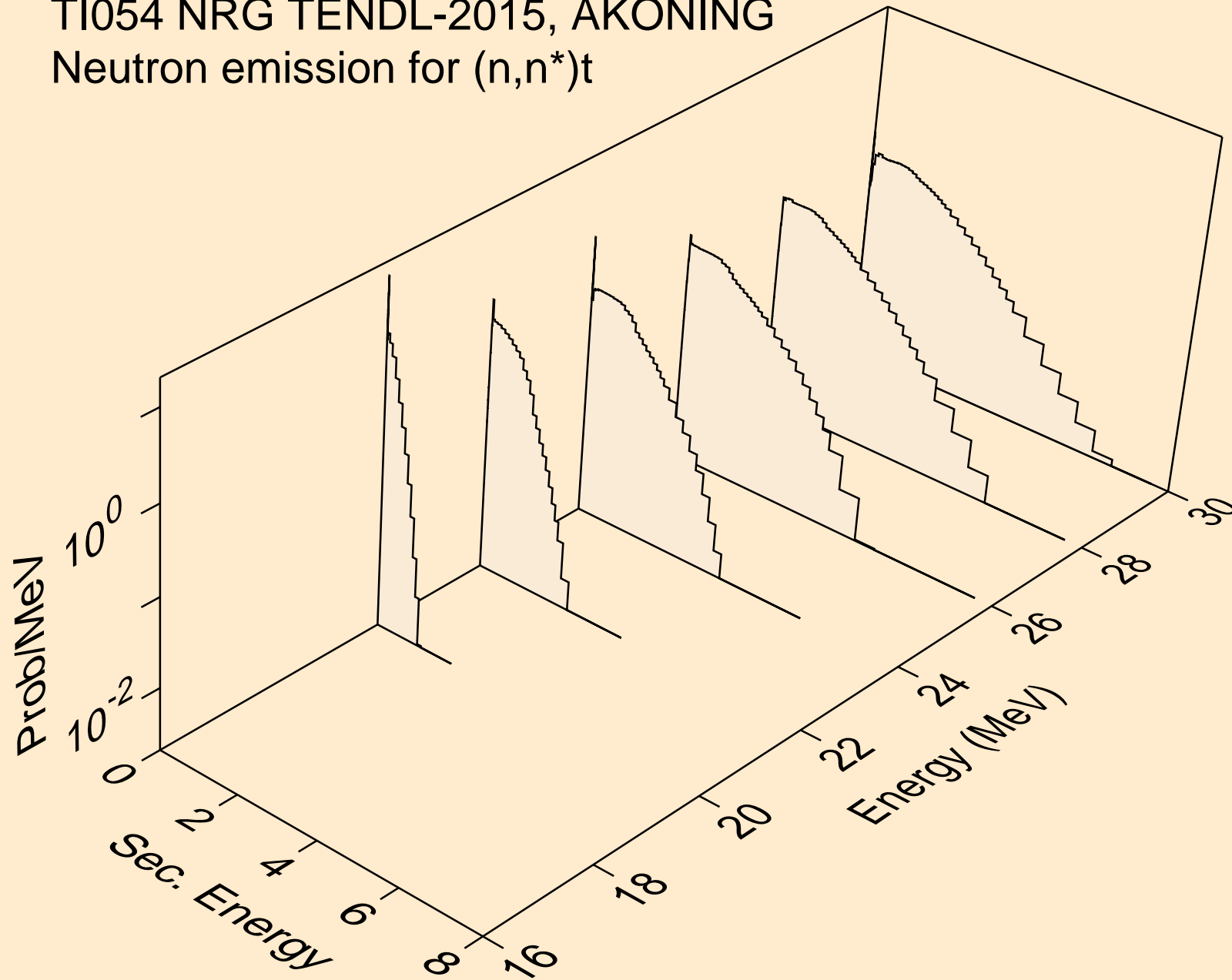
TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



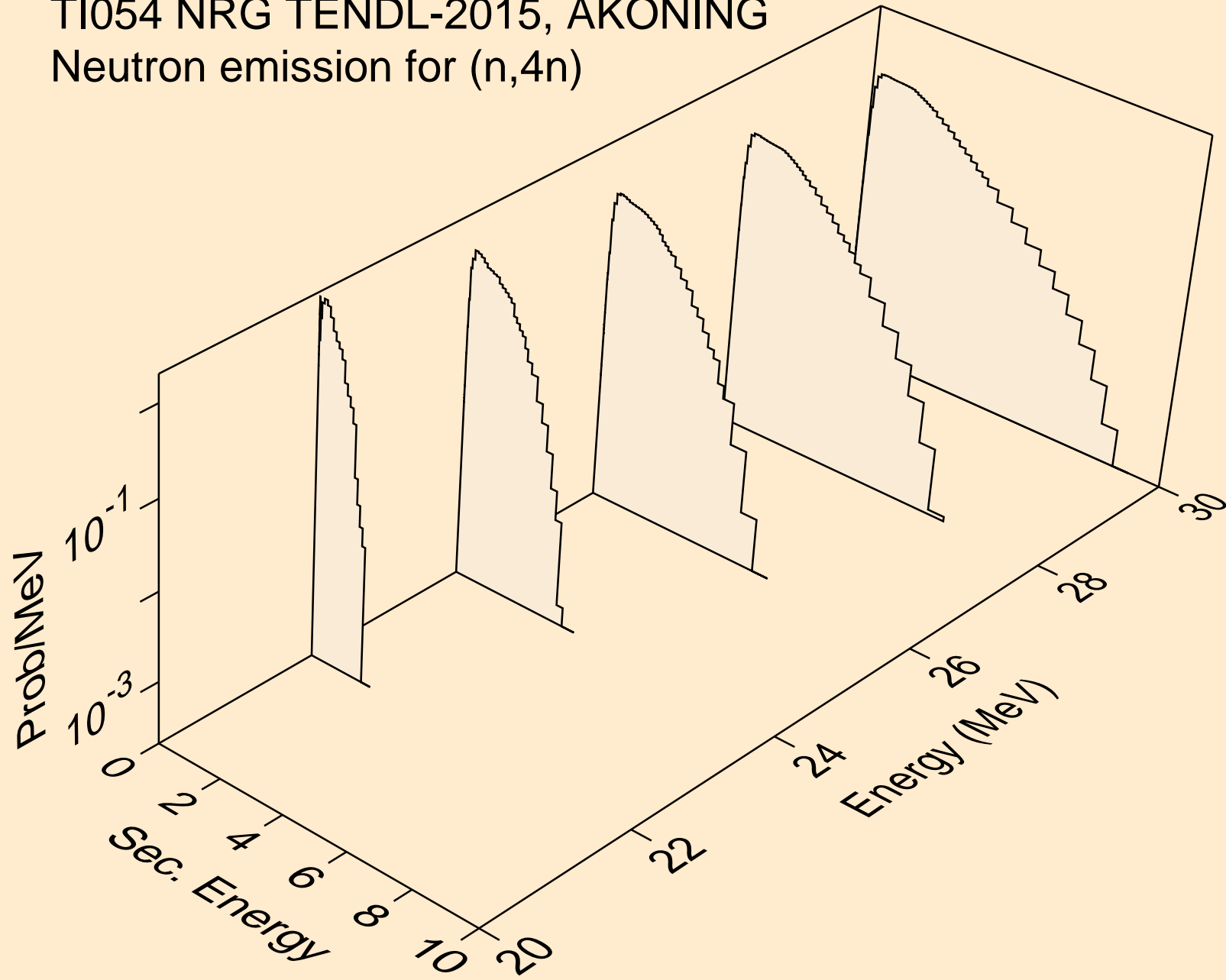
TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



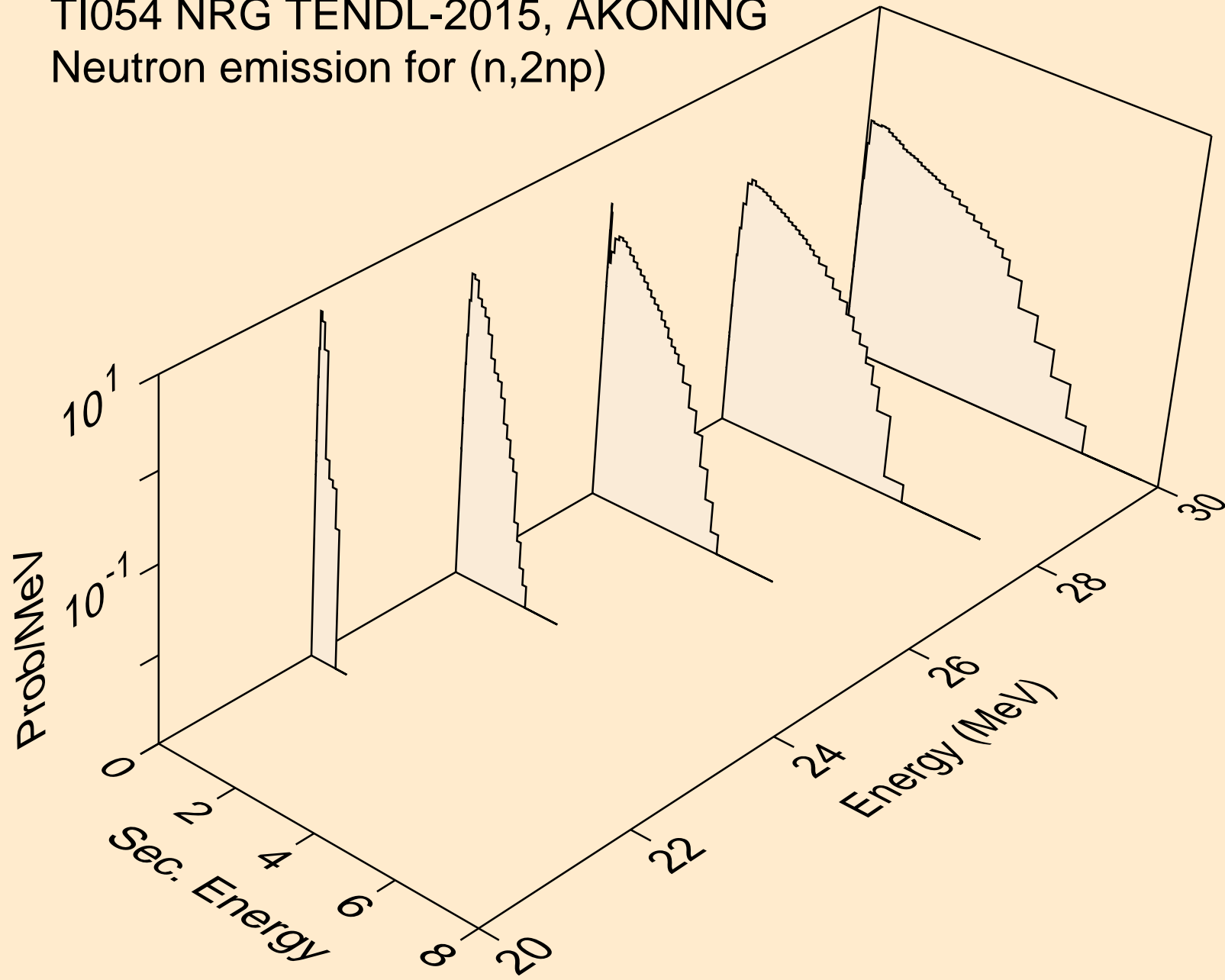
TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



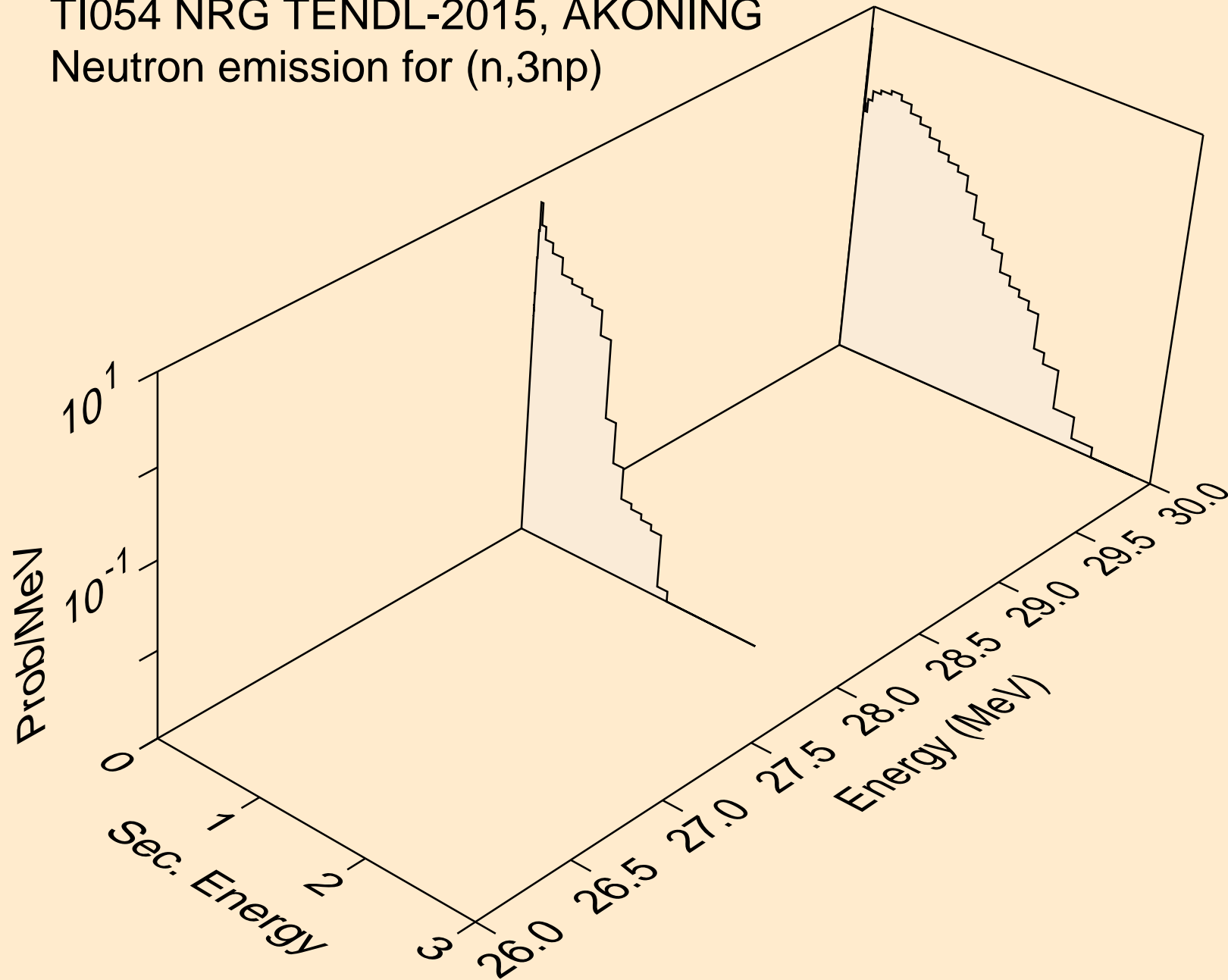
TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



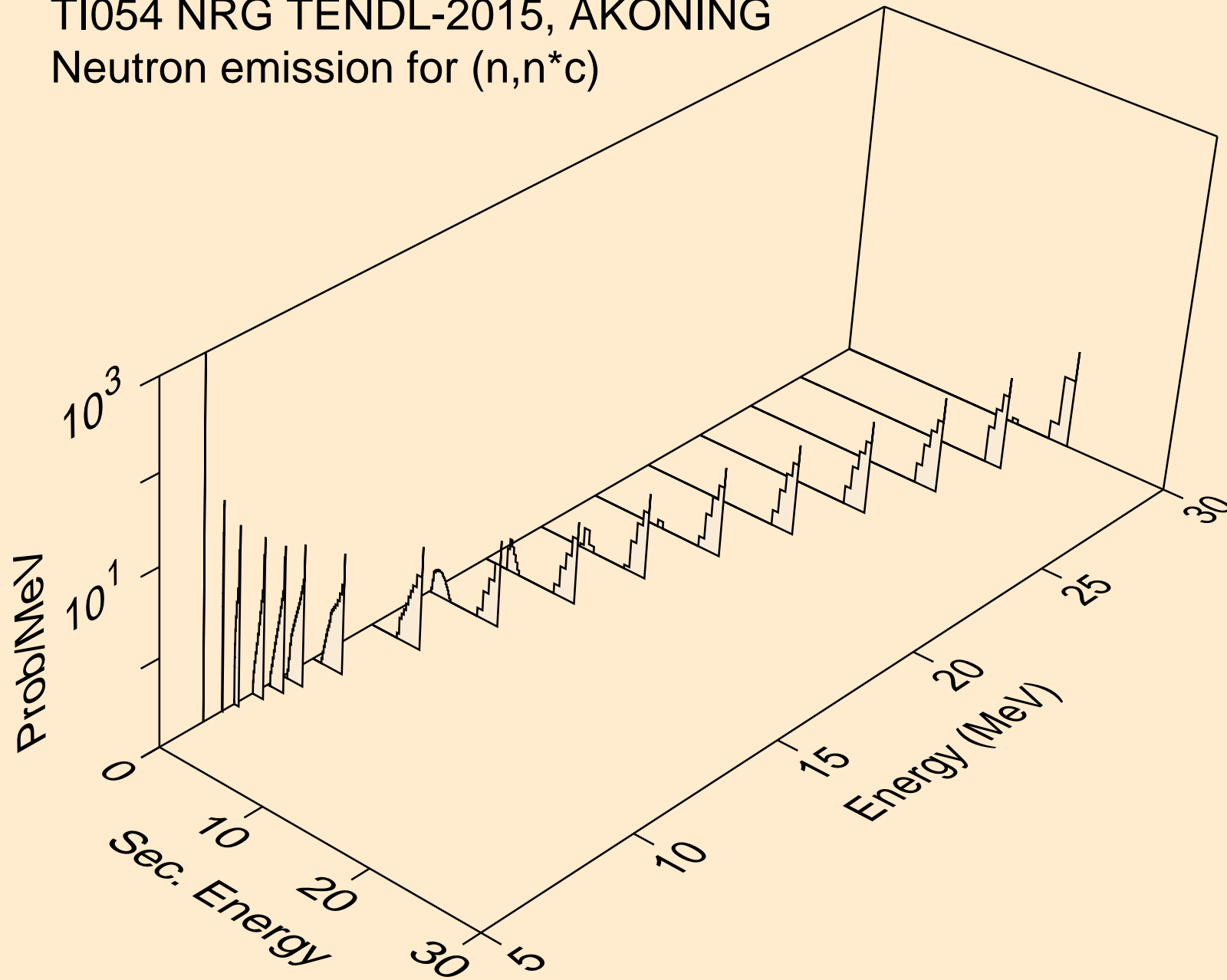
TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



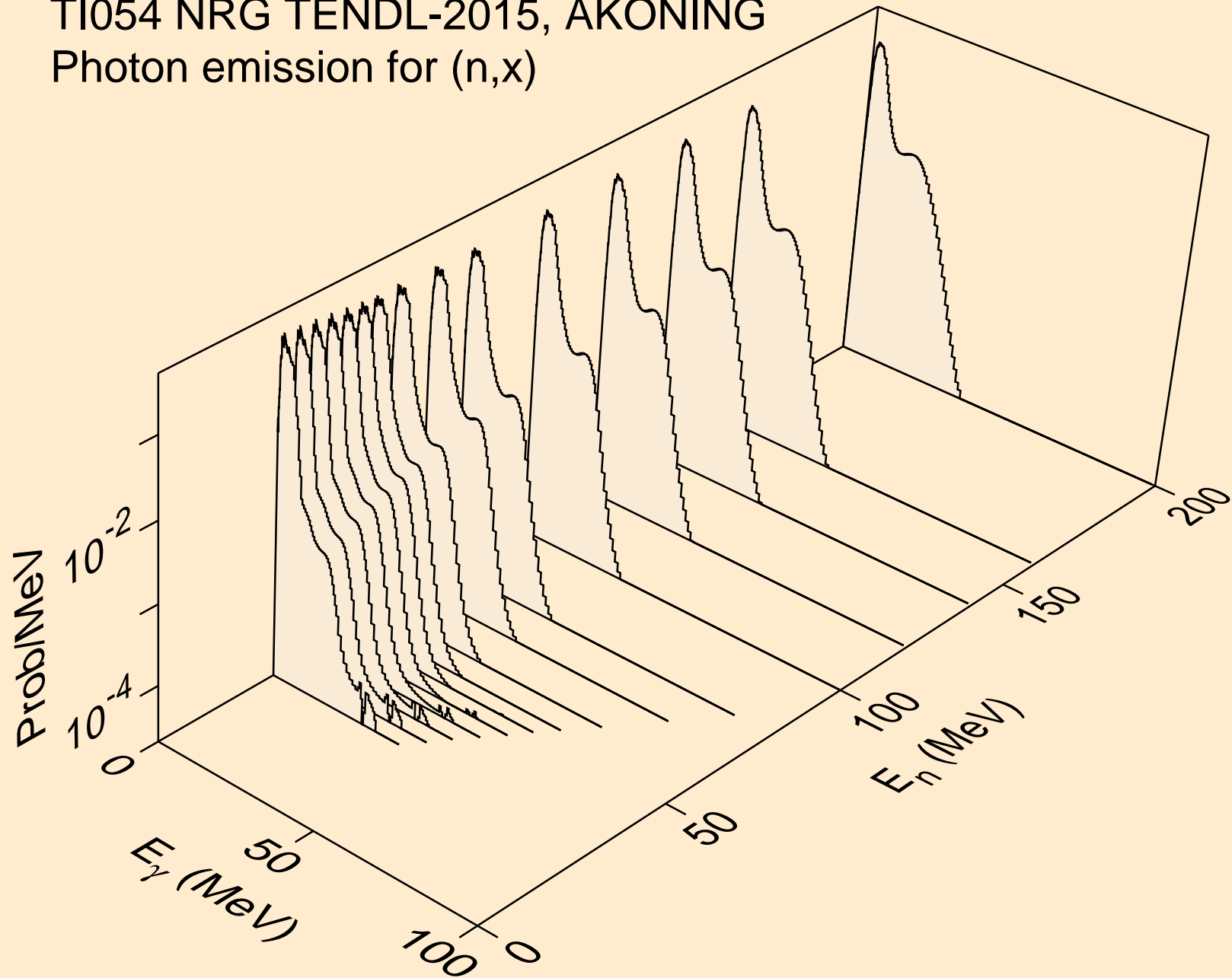
TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



TI054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

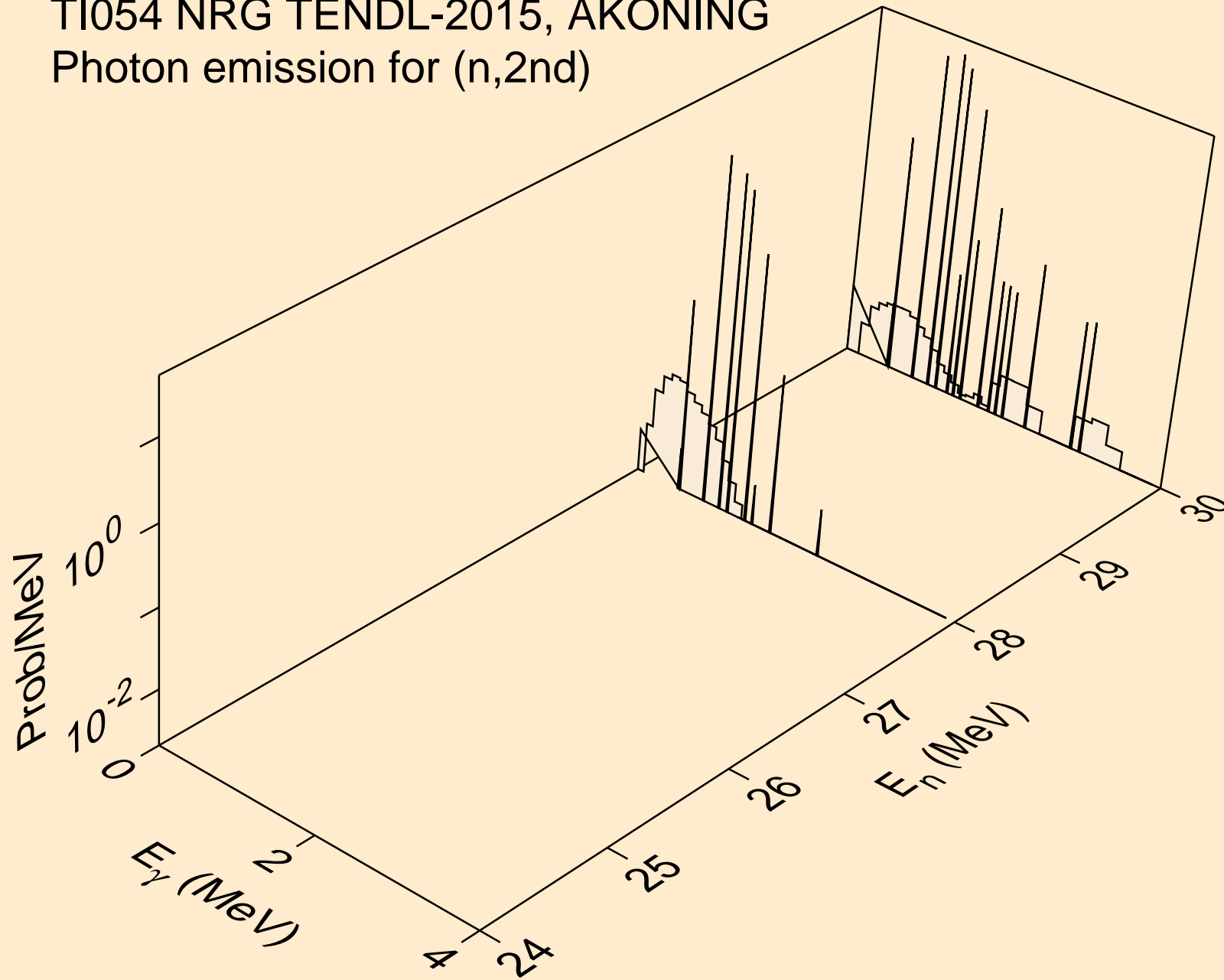


TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

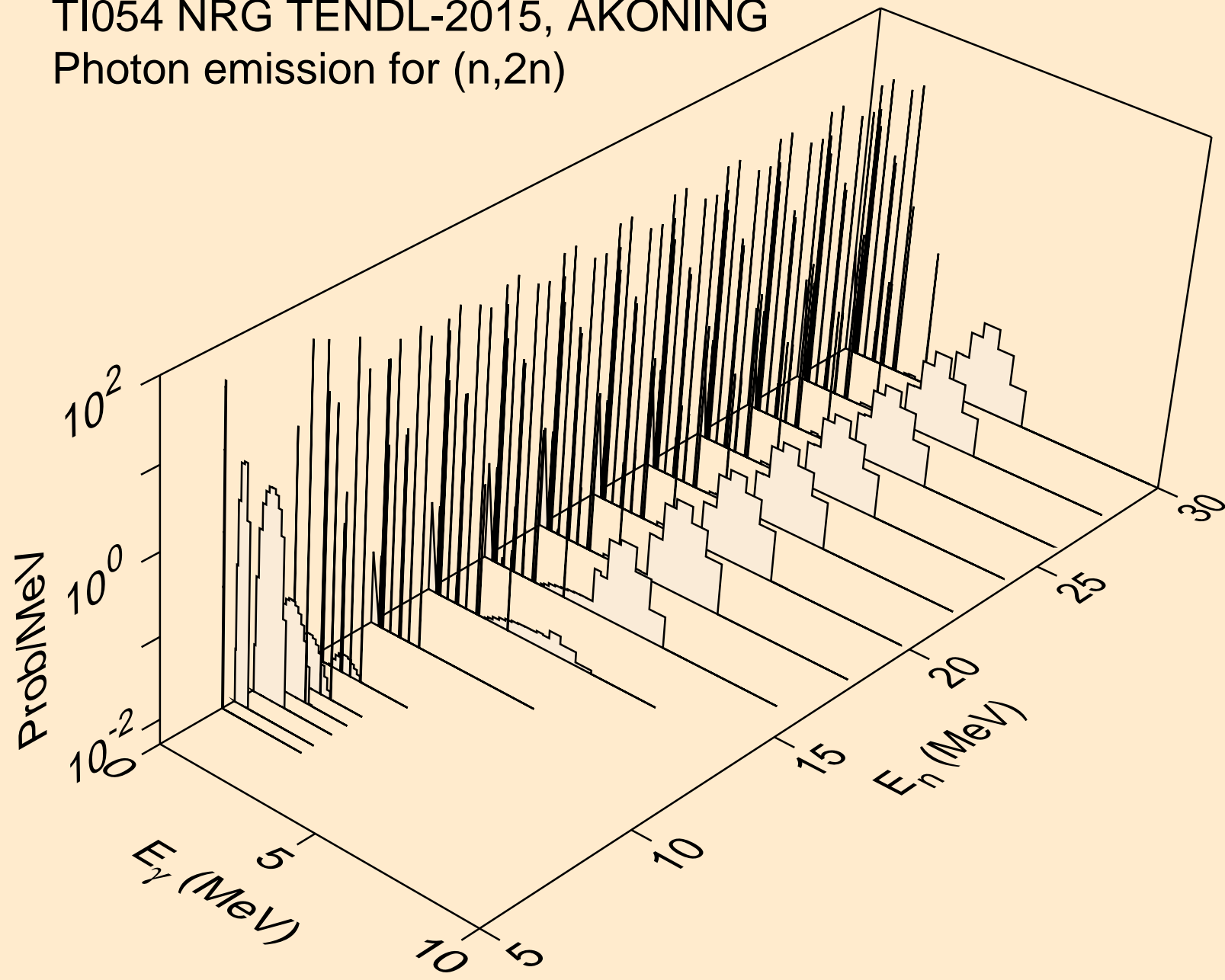




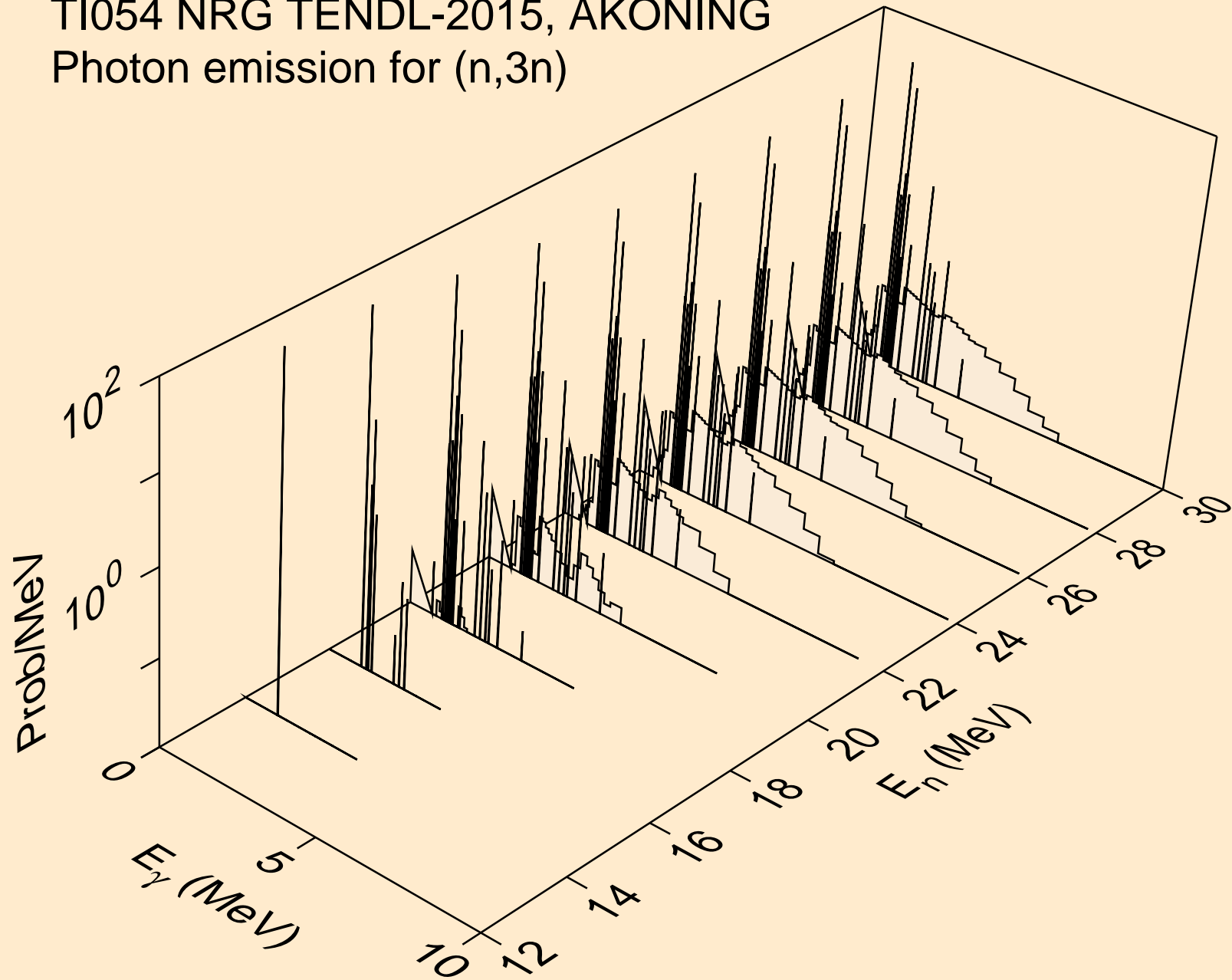
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



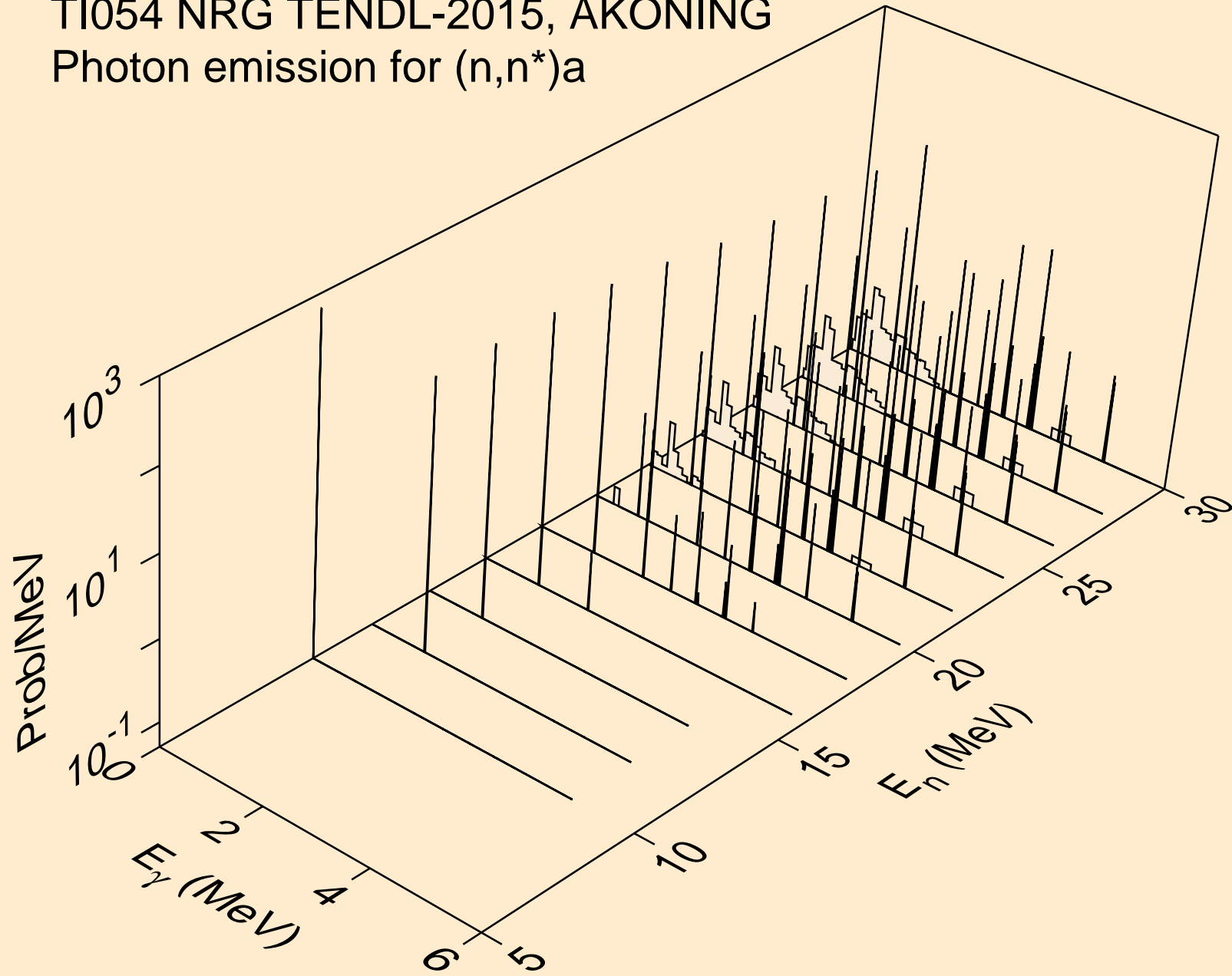
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



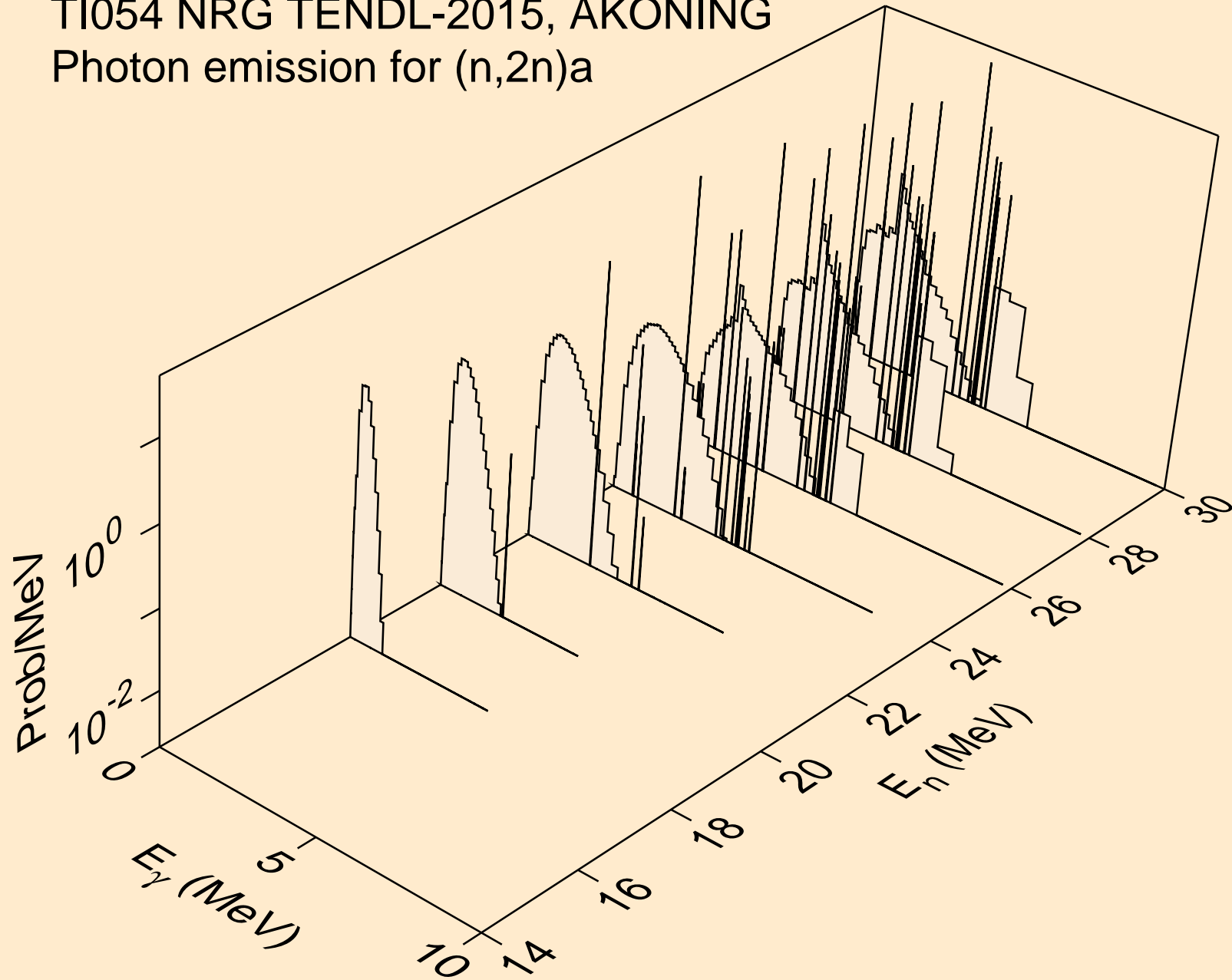
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



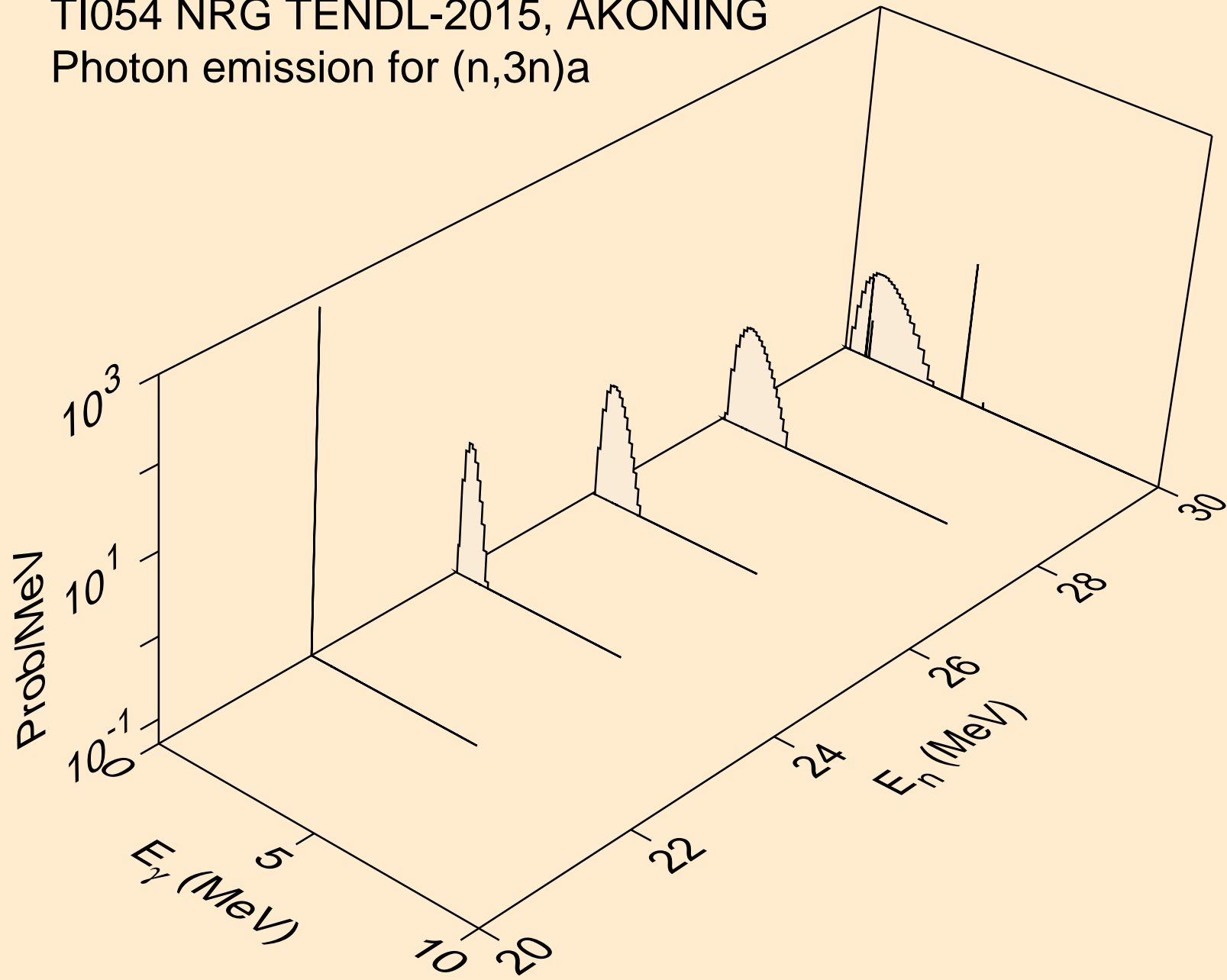
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



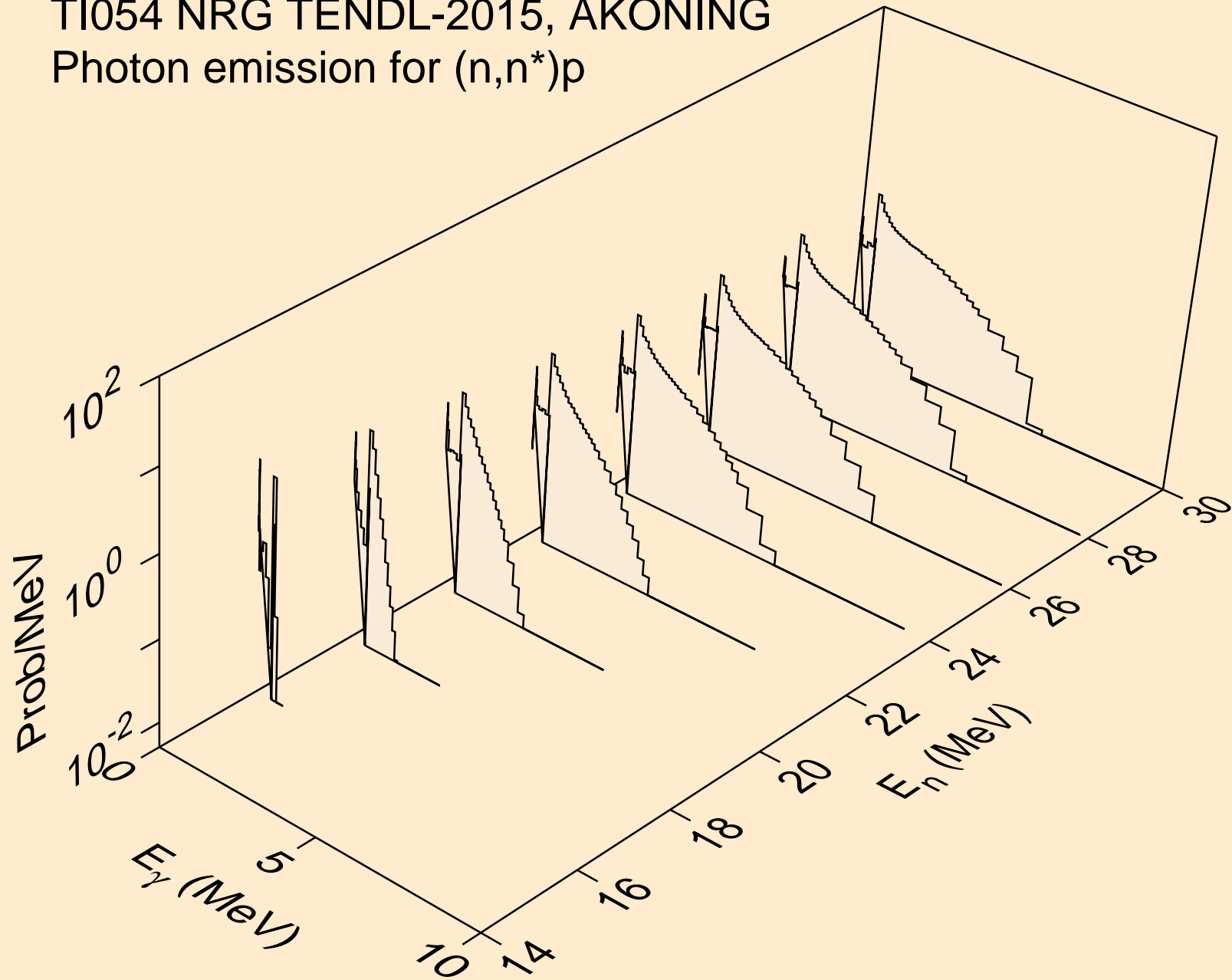
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



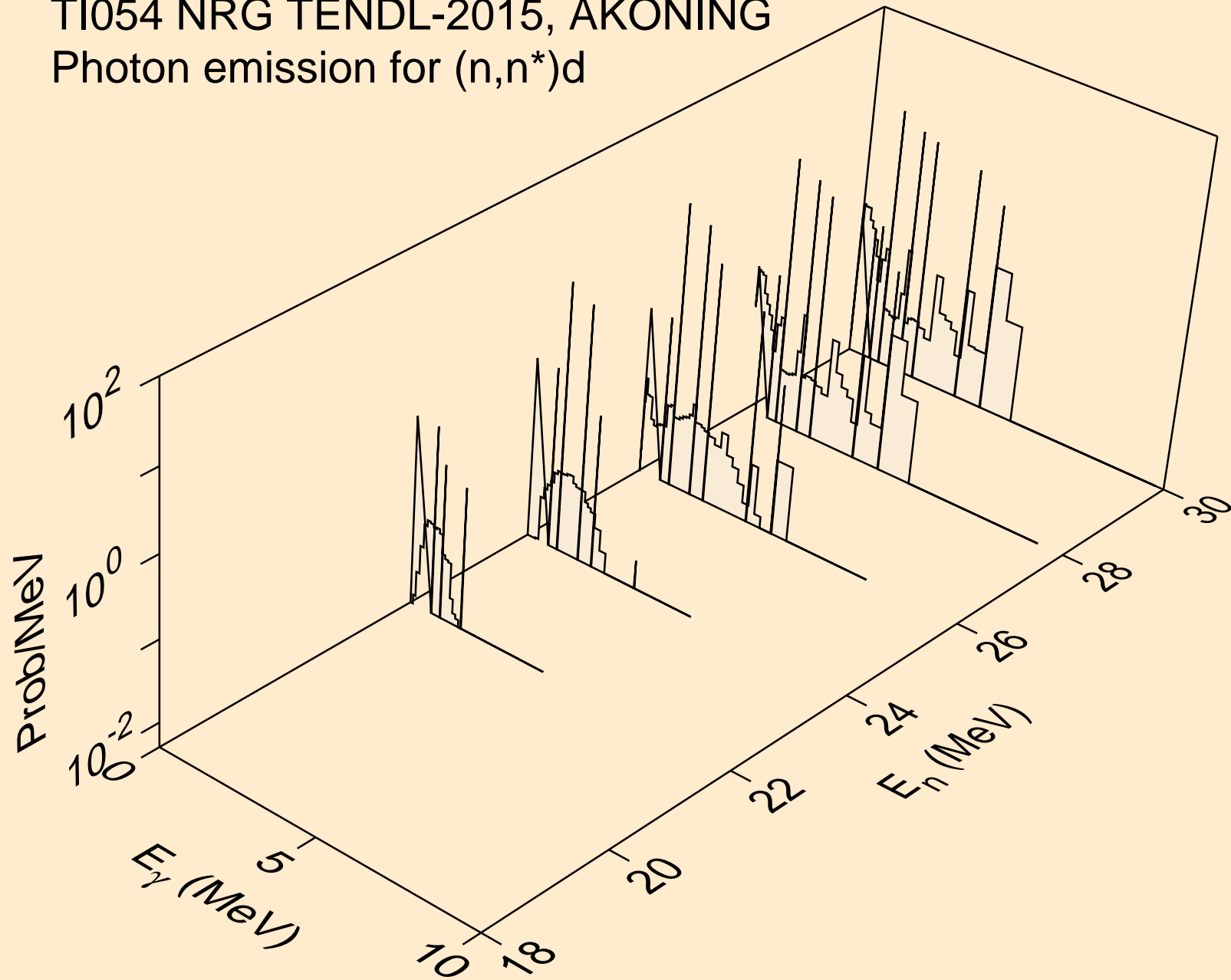
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

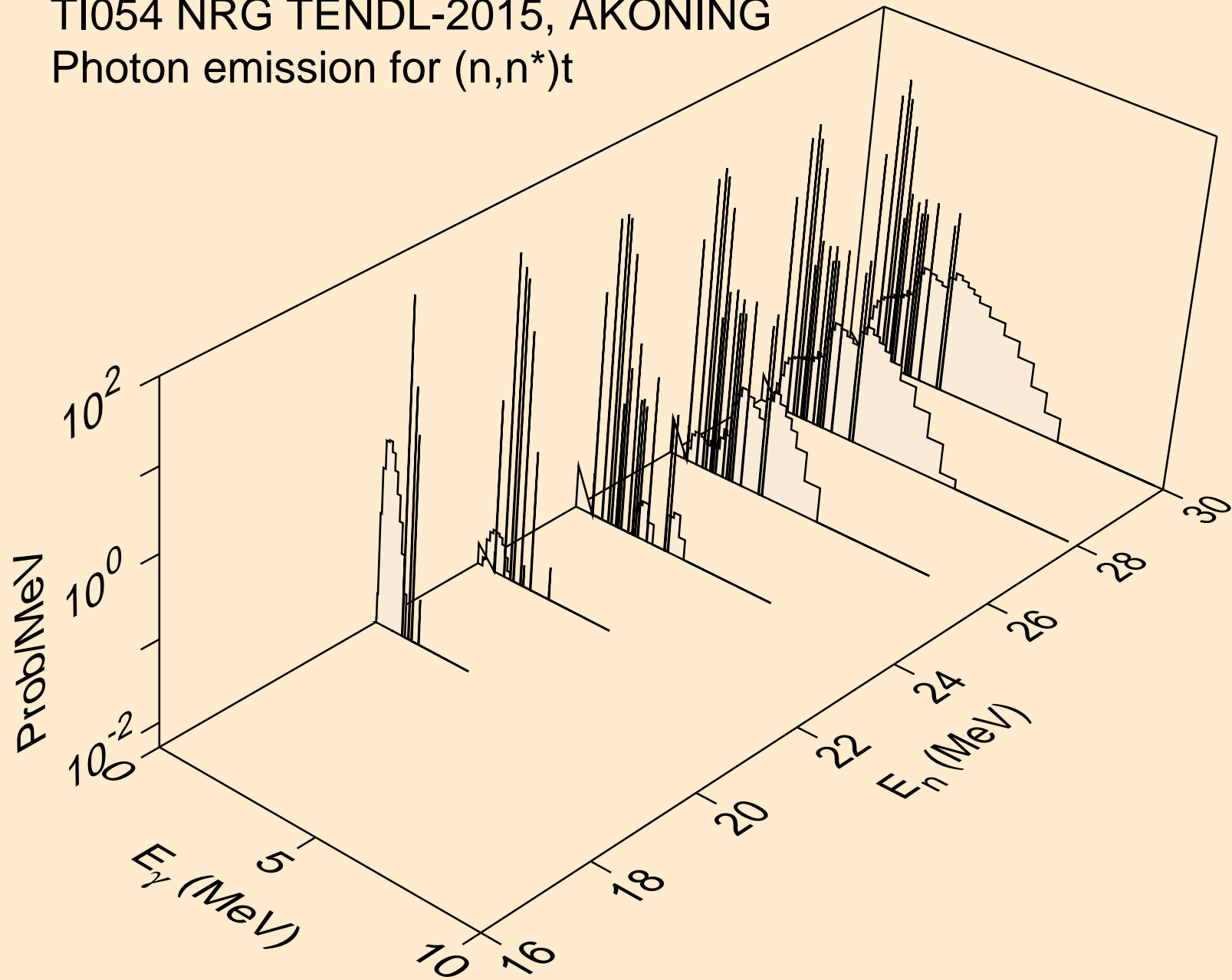


TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

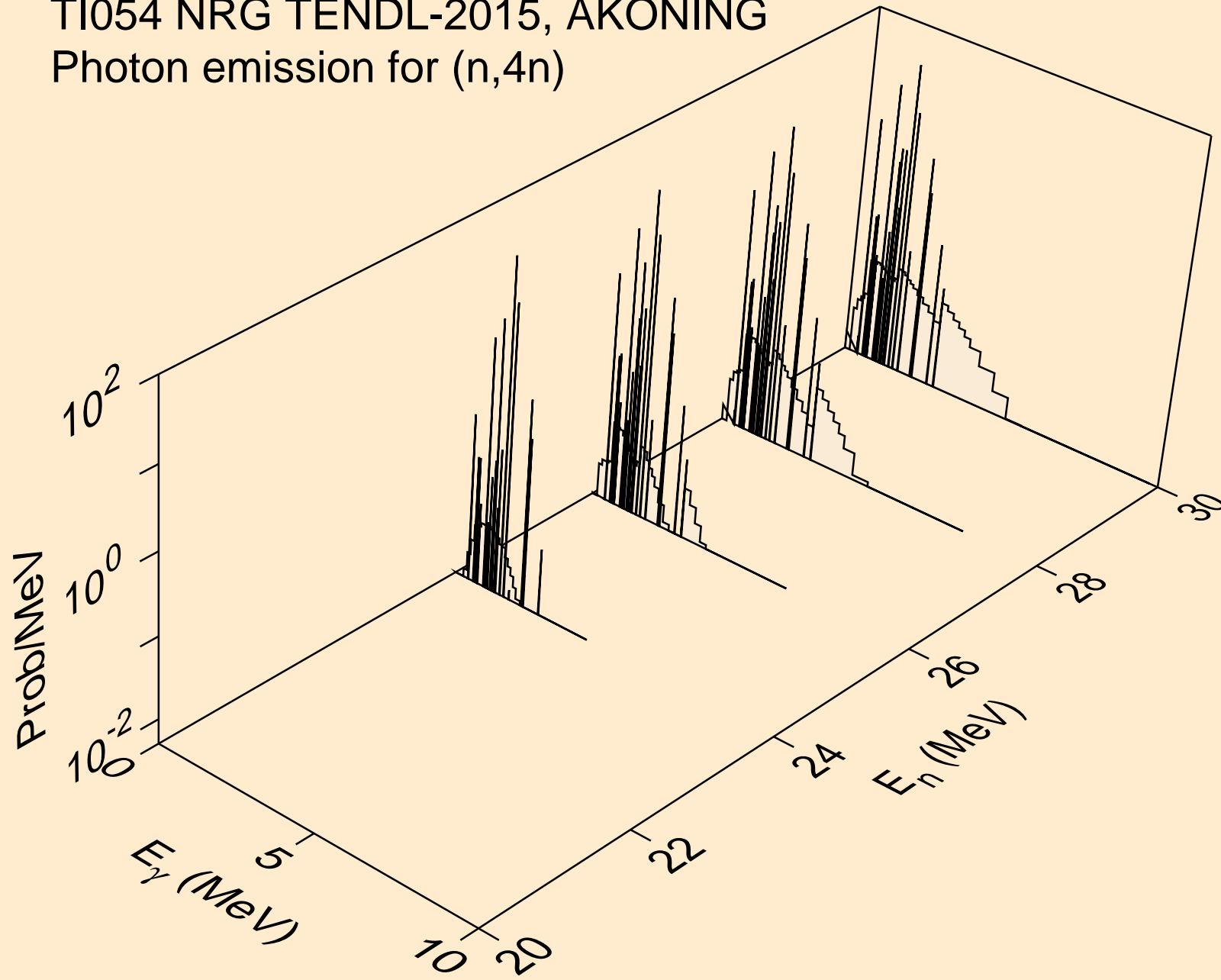




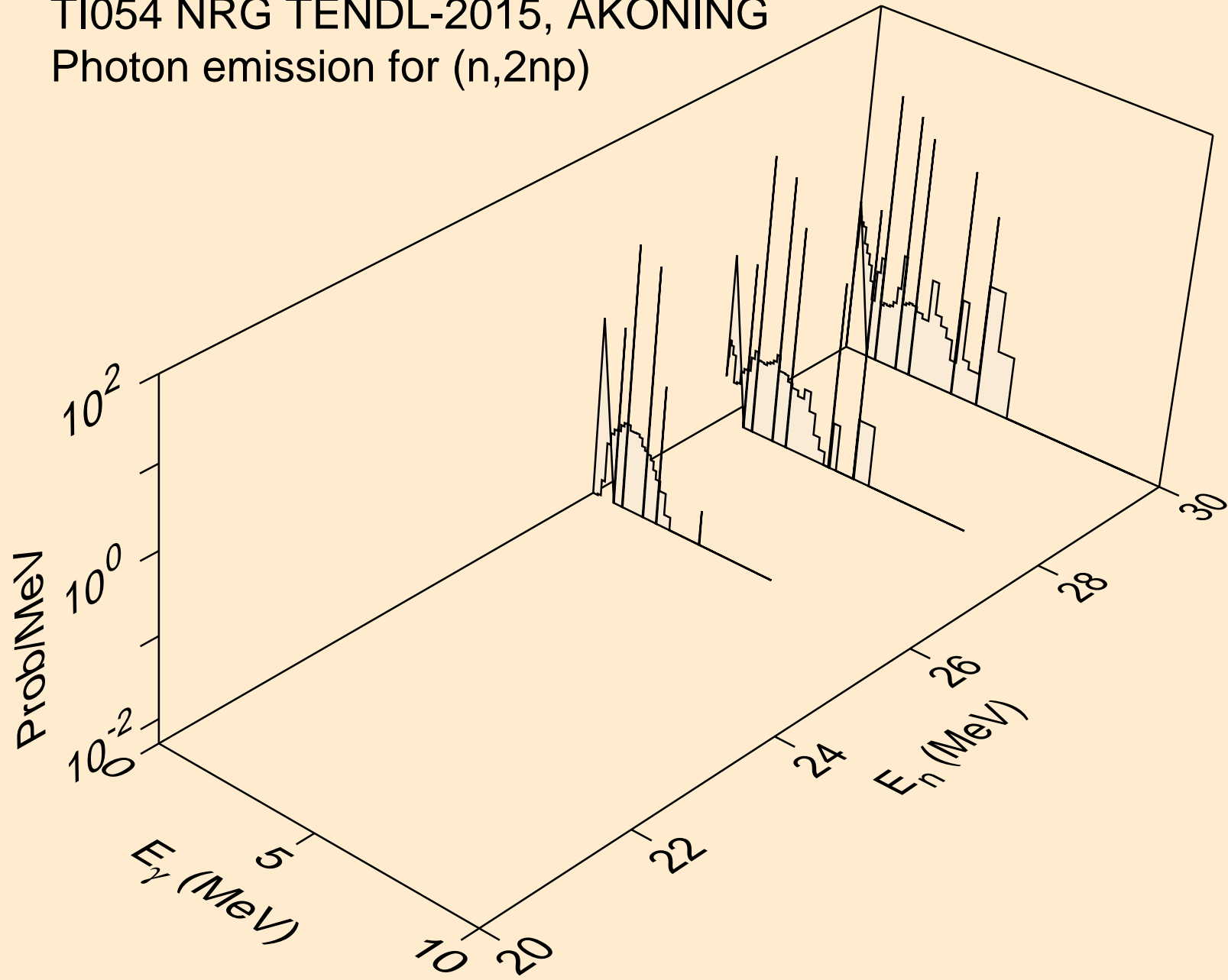
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



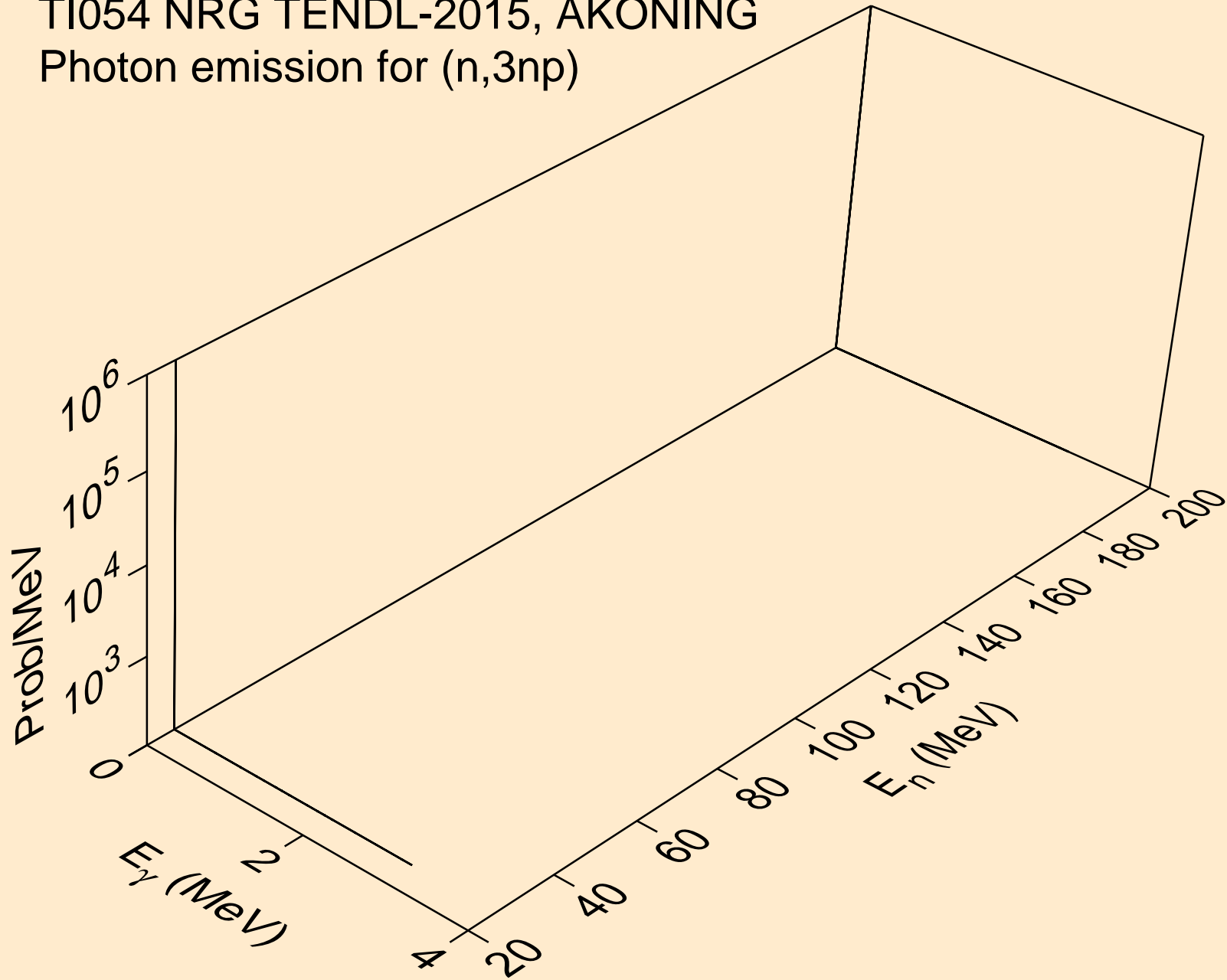
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



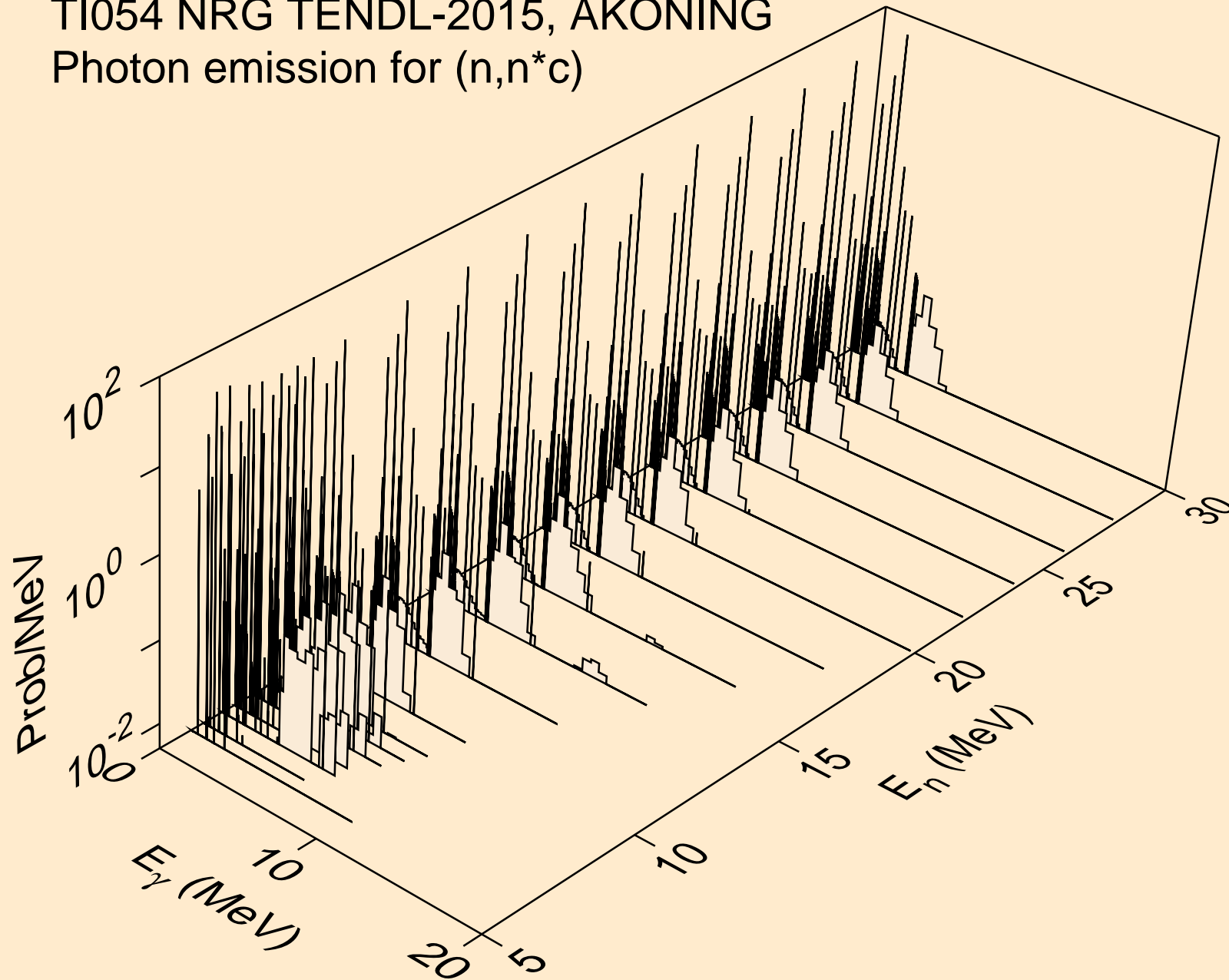
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



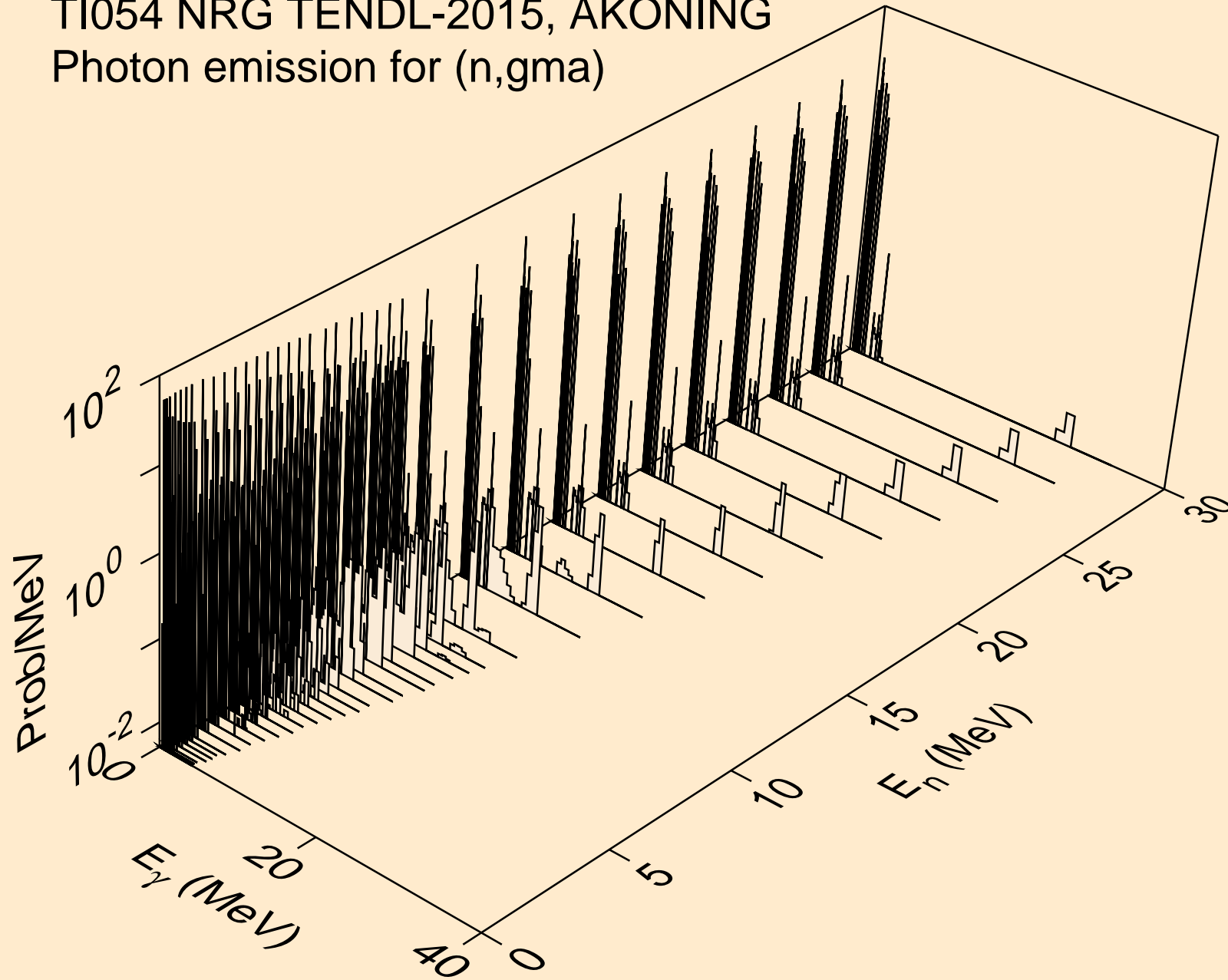
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Photon emission for (n,3np)



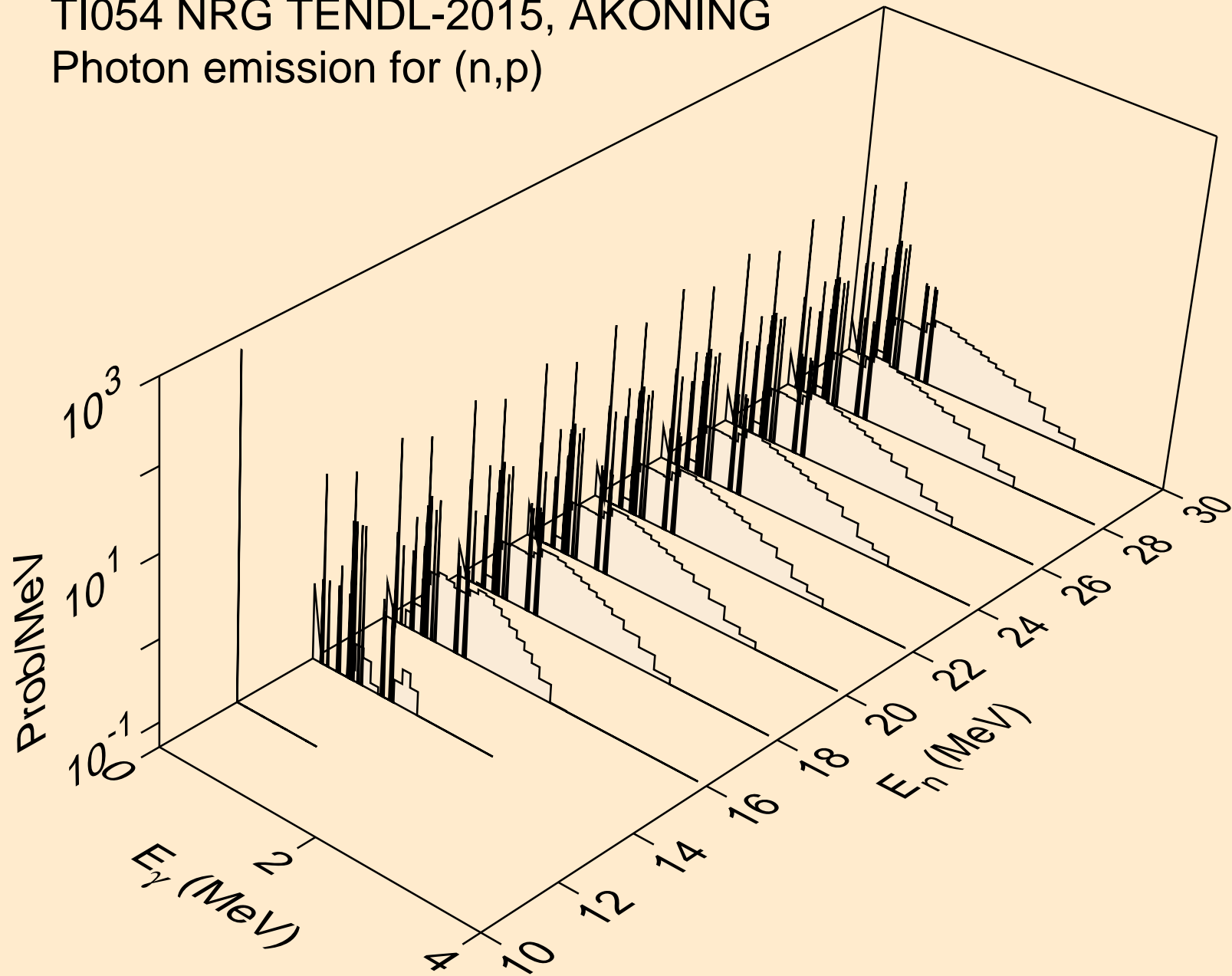
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



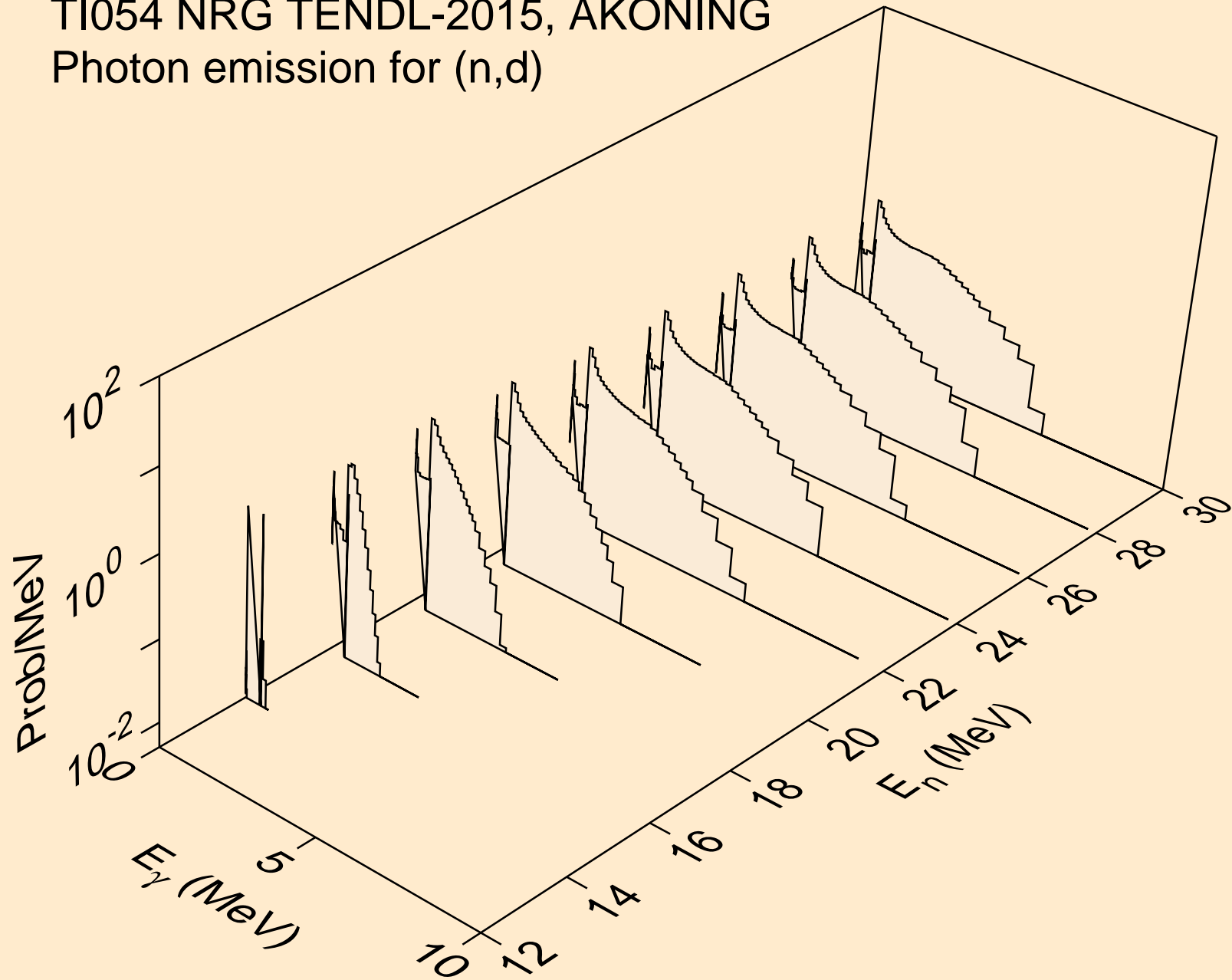
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

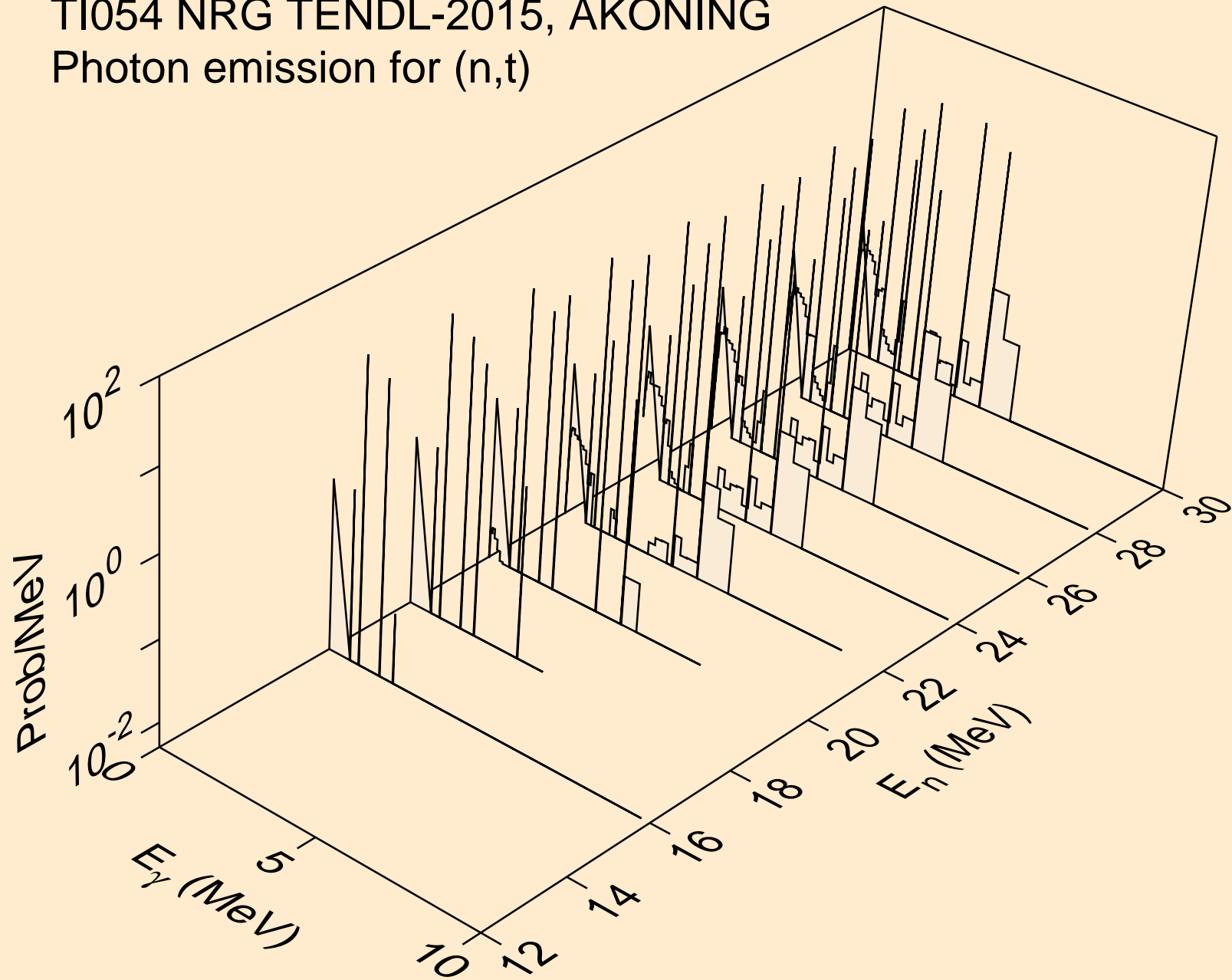


TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

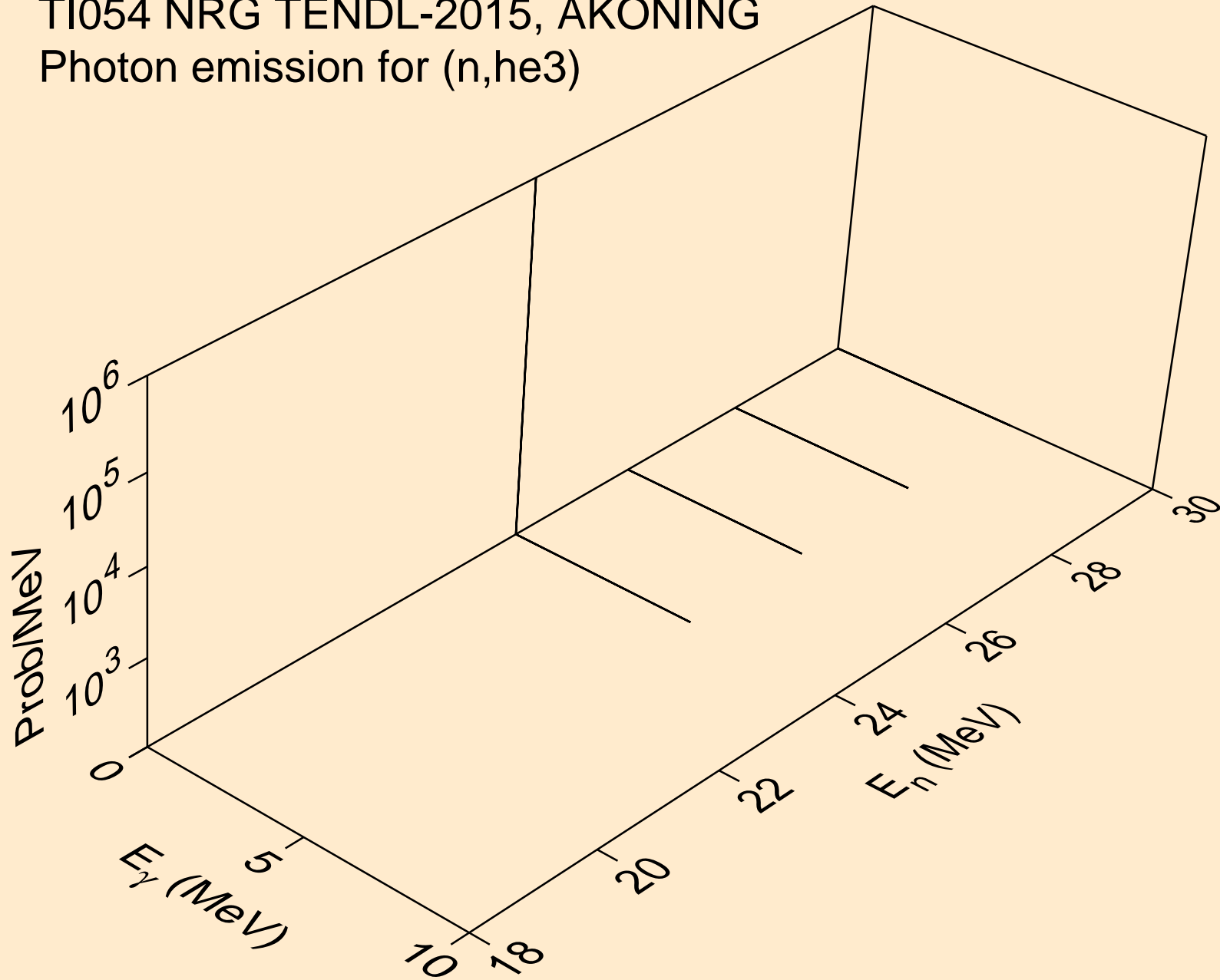




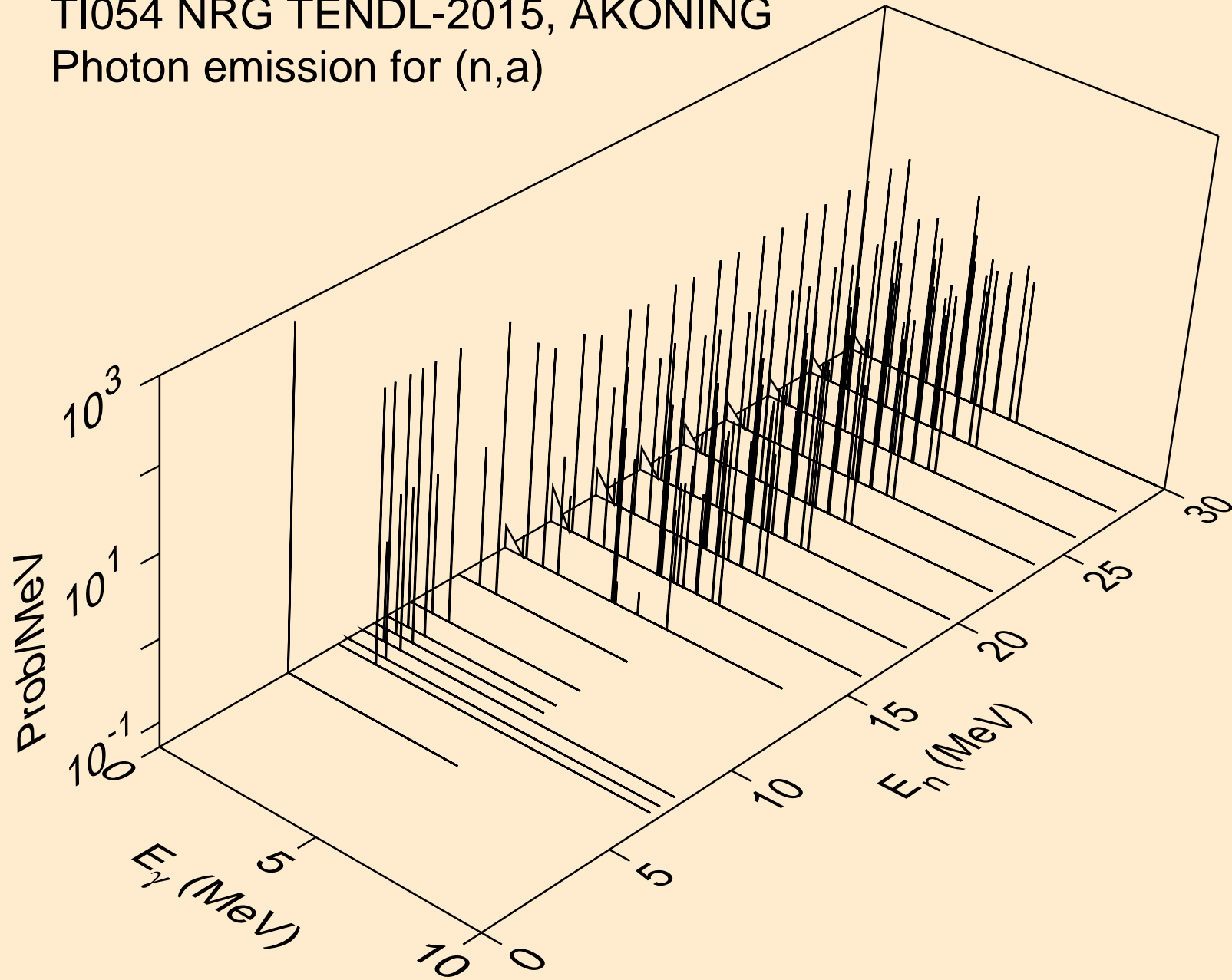
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



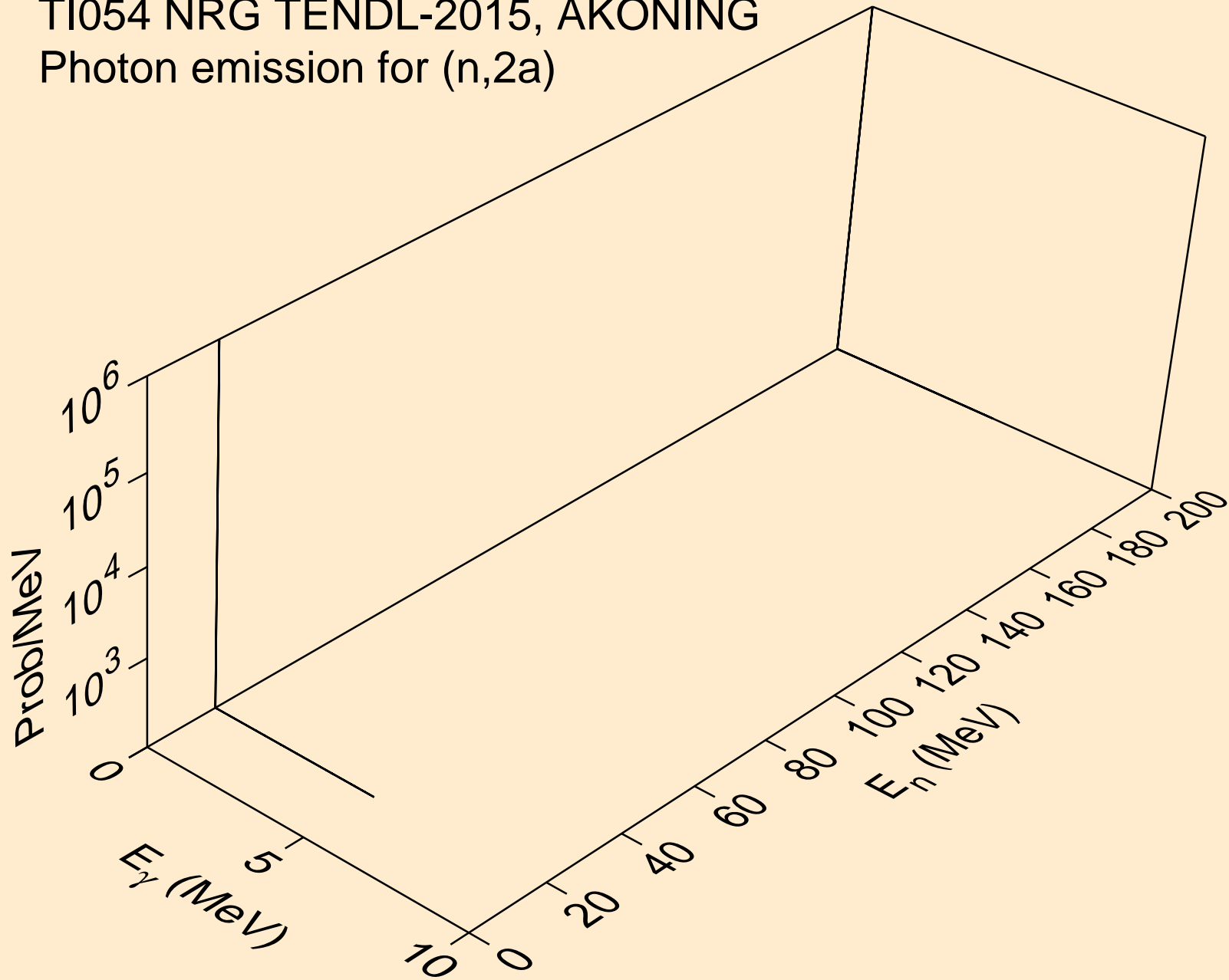
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



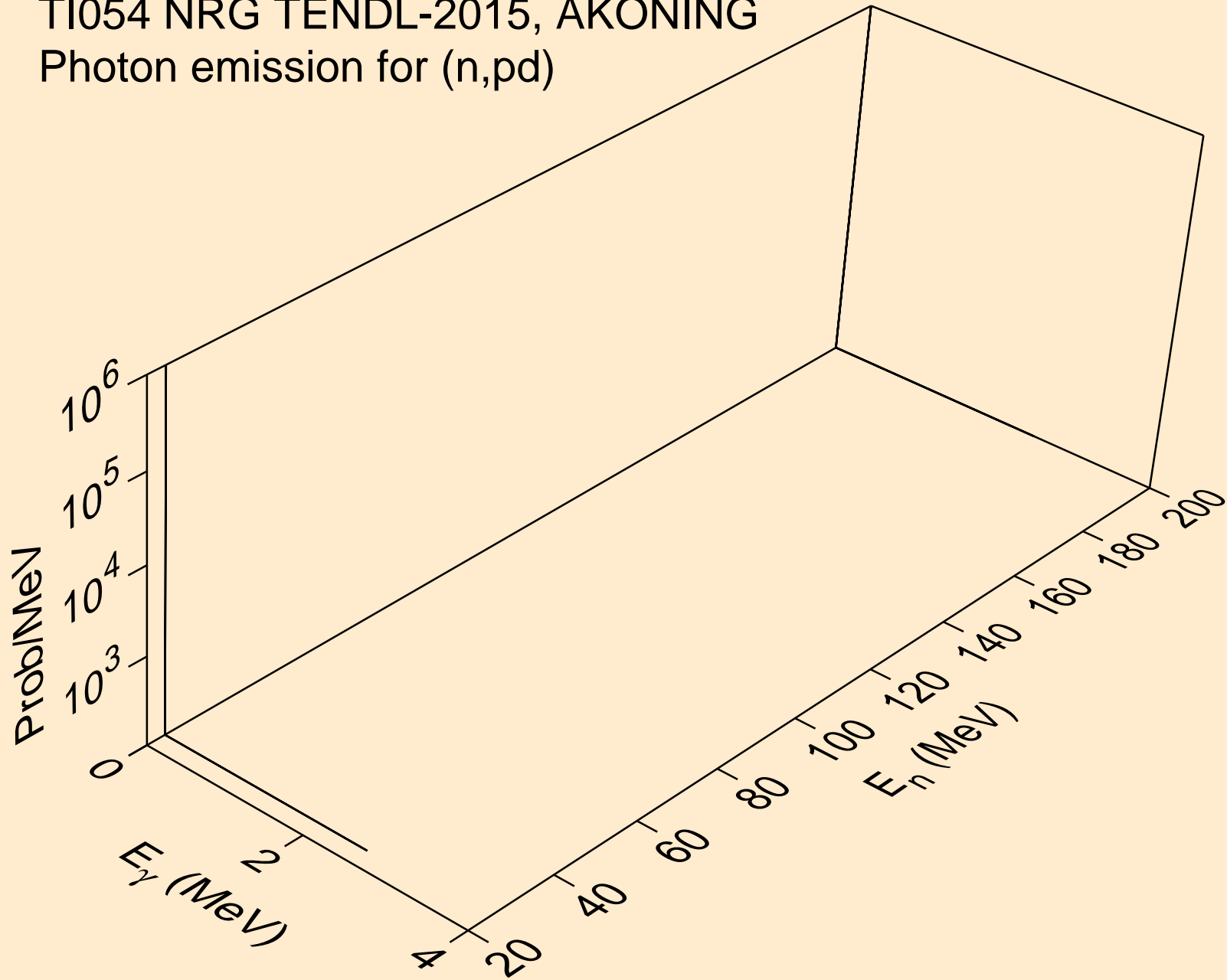
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



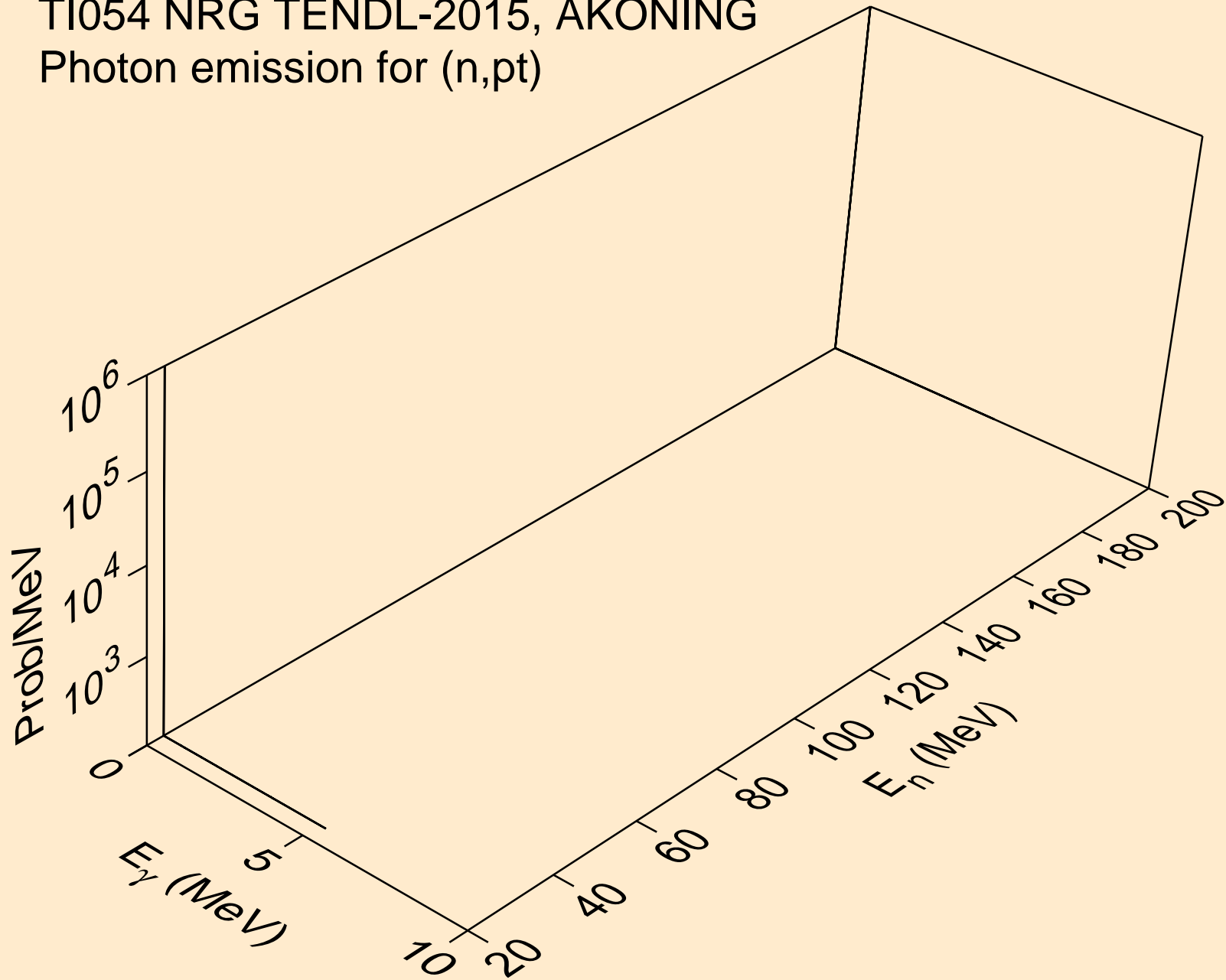
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



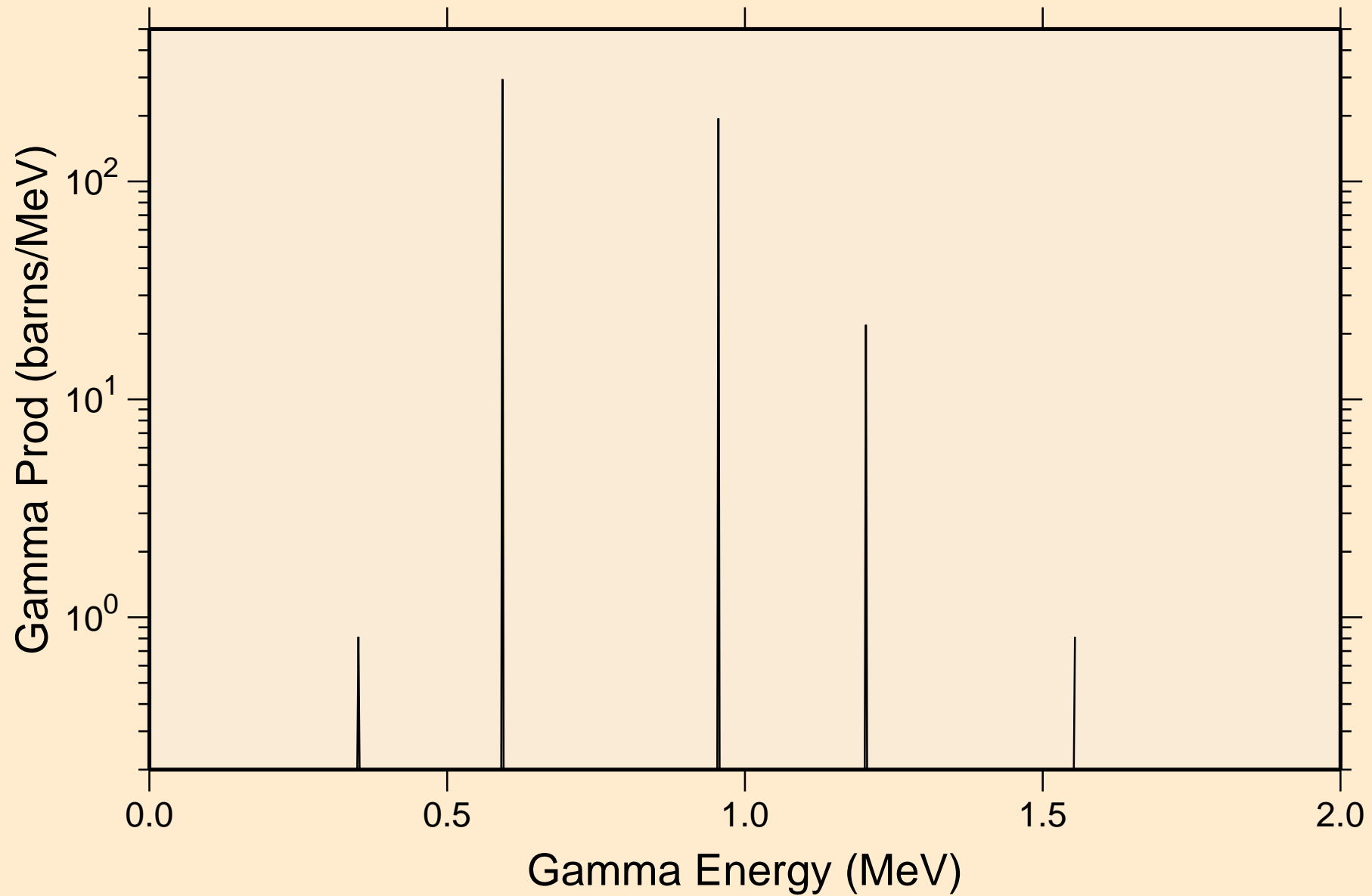
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



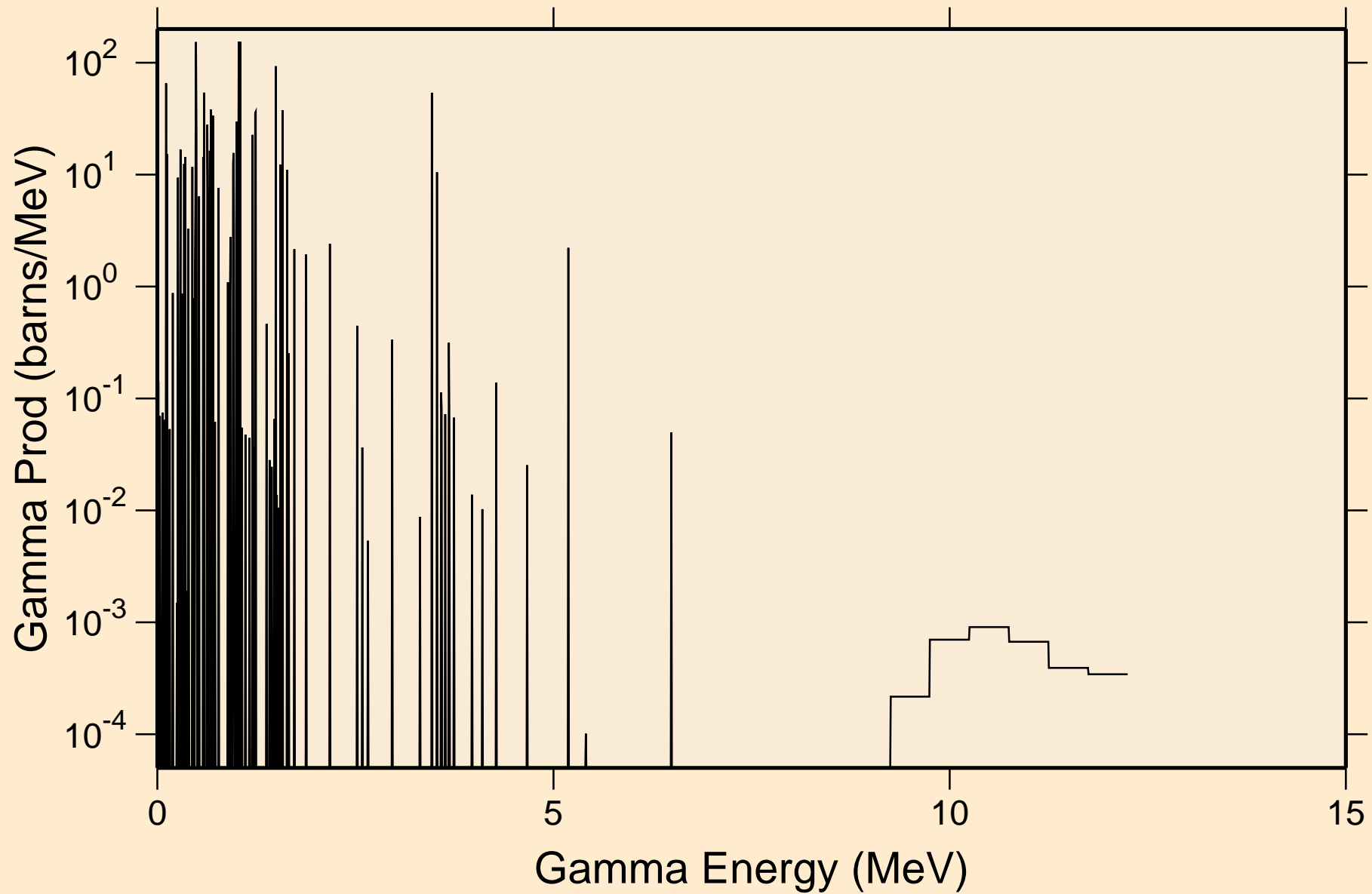
TI054 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



TI054 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



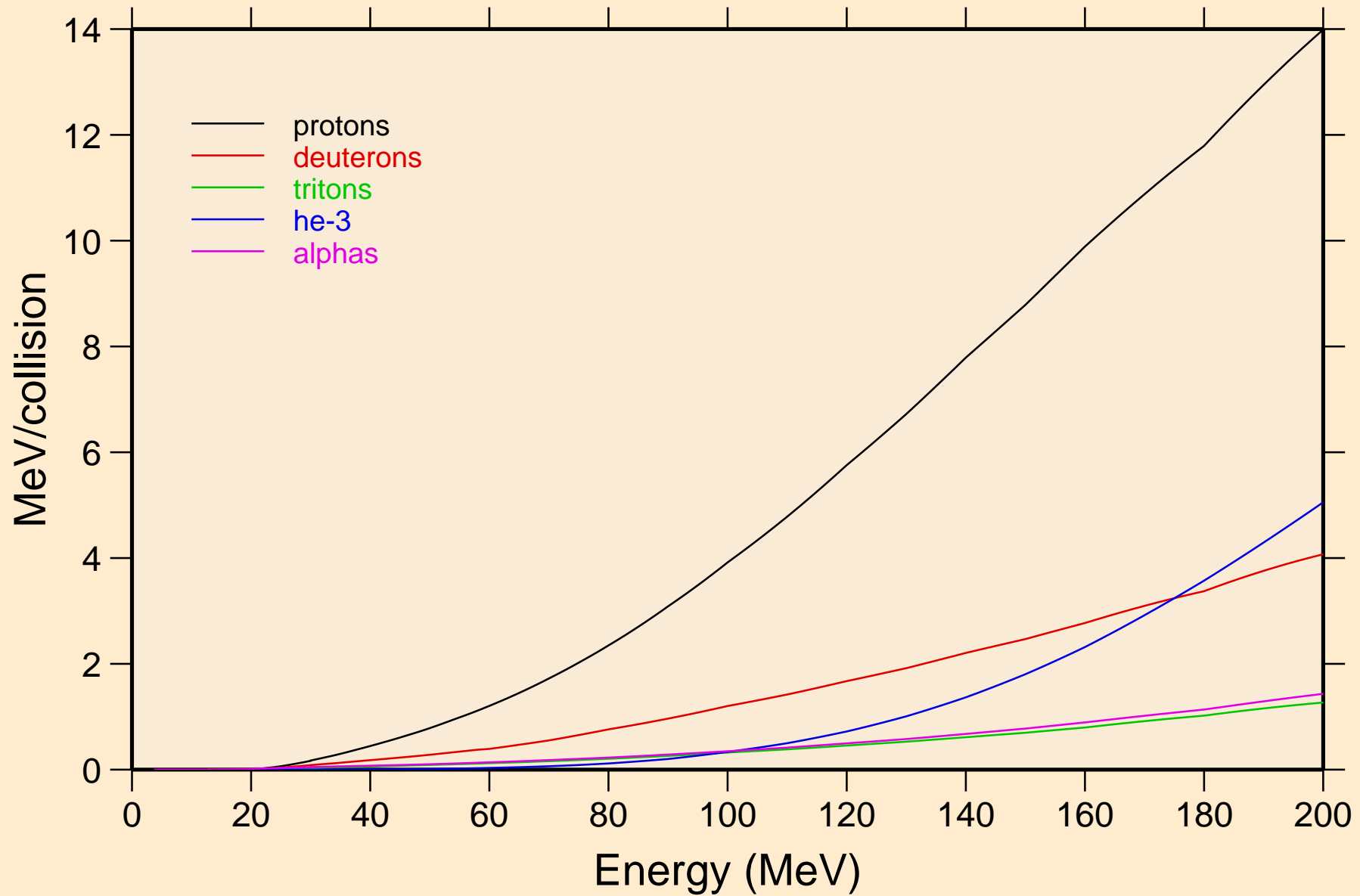
TI054 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





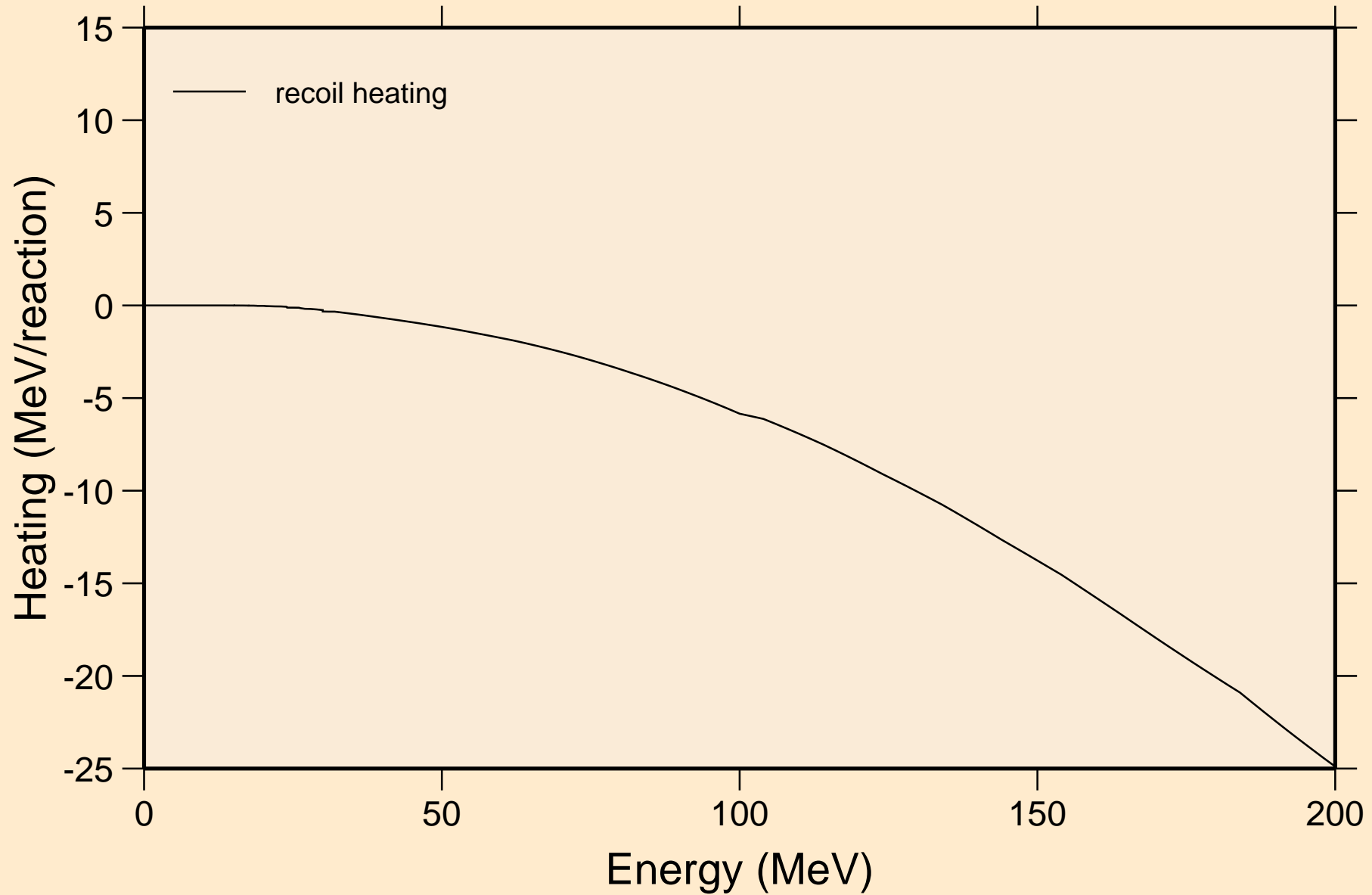
# TI054 NRG TENDL-2015, AKONING

## Particle heating contributions



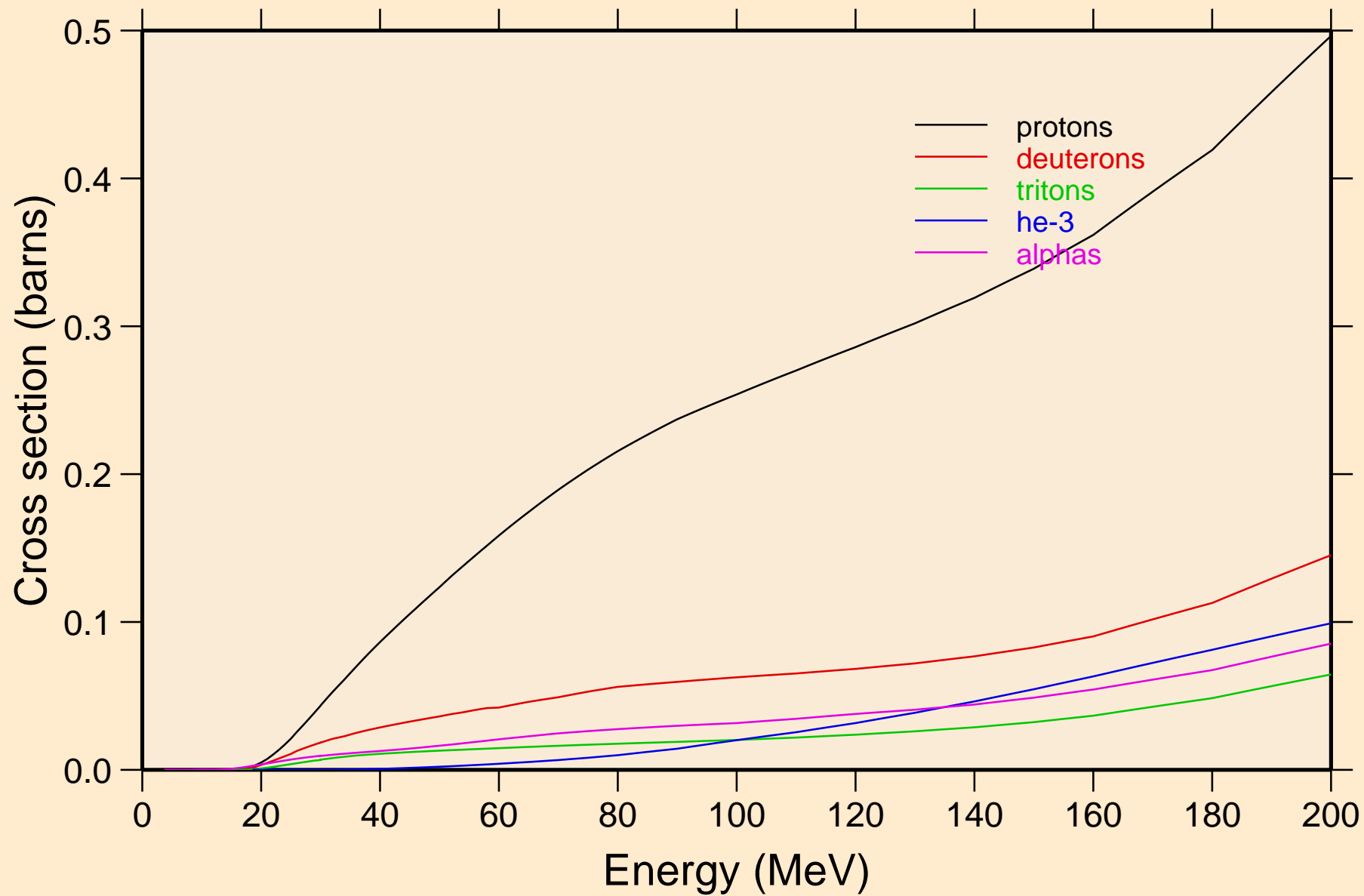
# TI054 NRG TENDL-2015, AKONING

## Recoil Heating

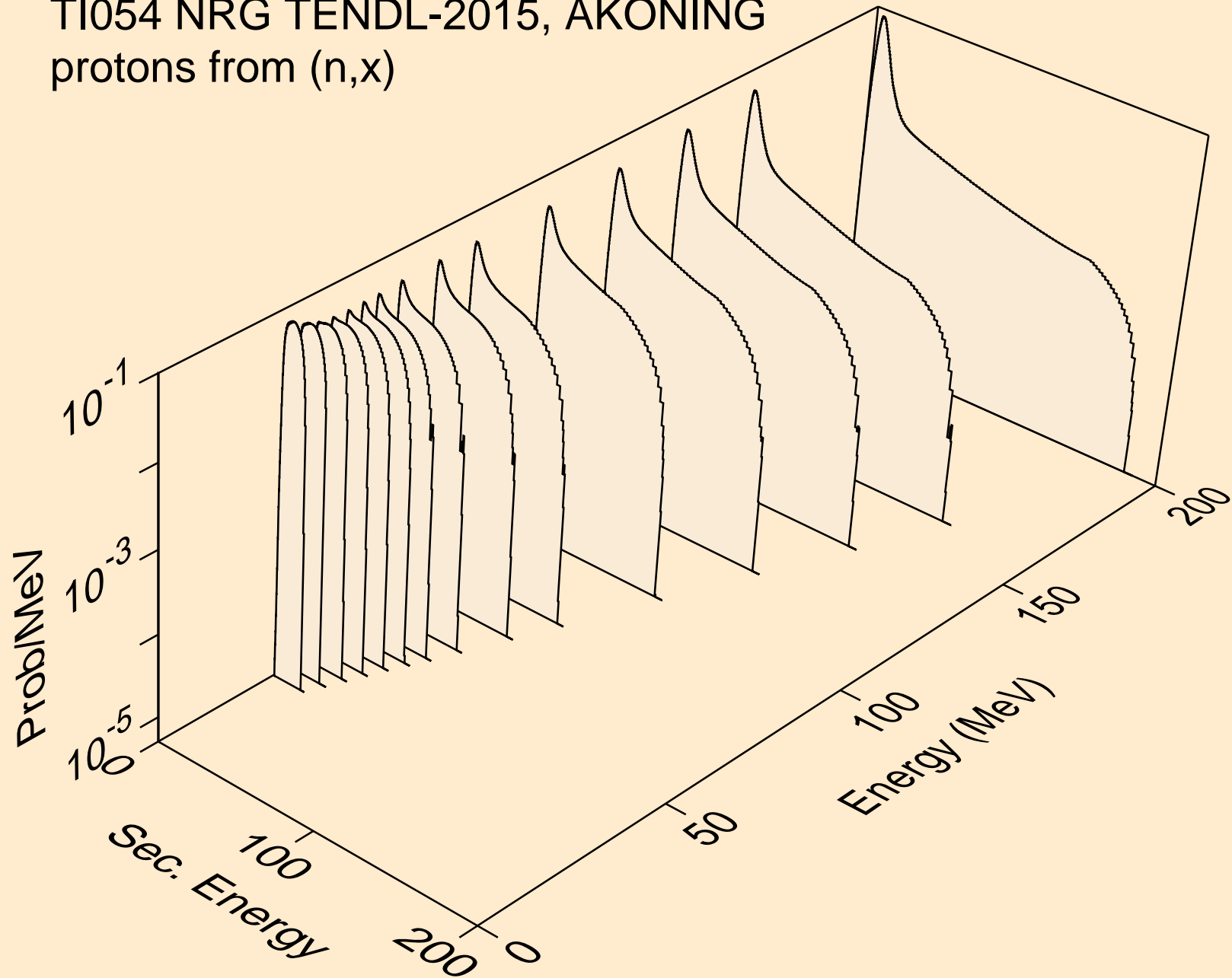


# TI054 NRG TENDL-2015, AKONING

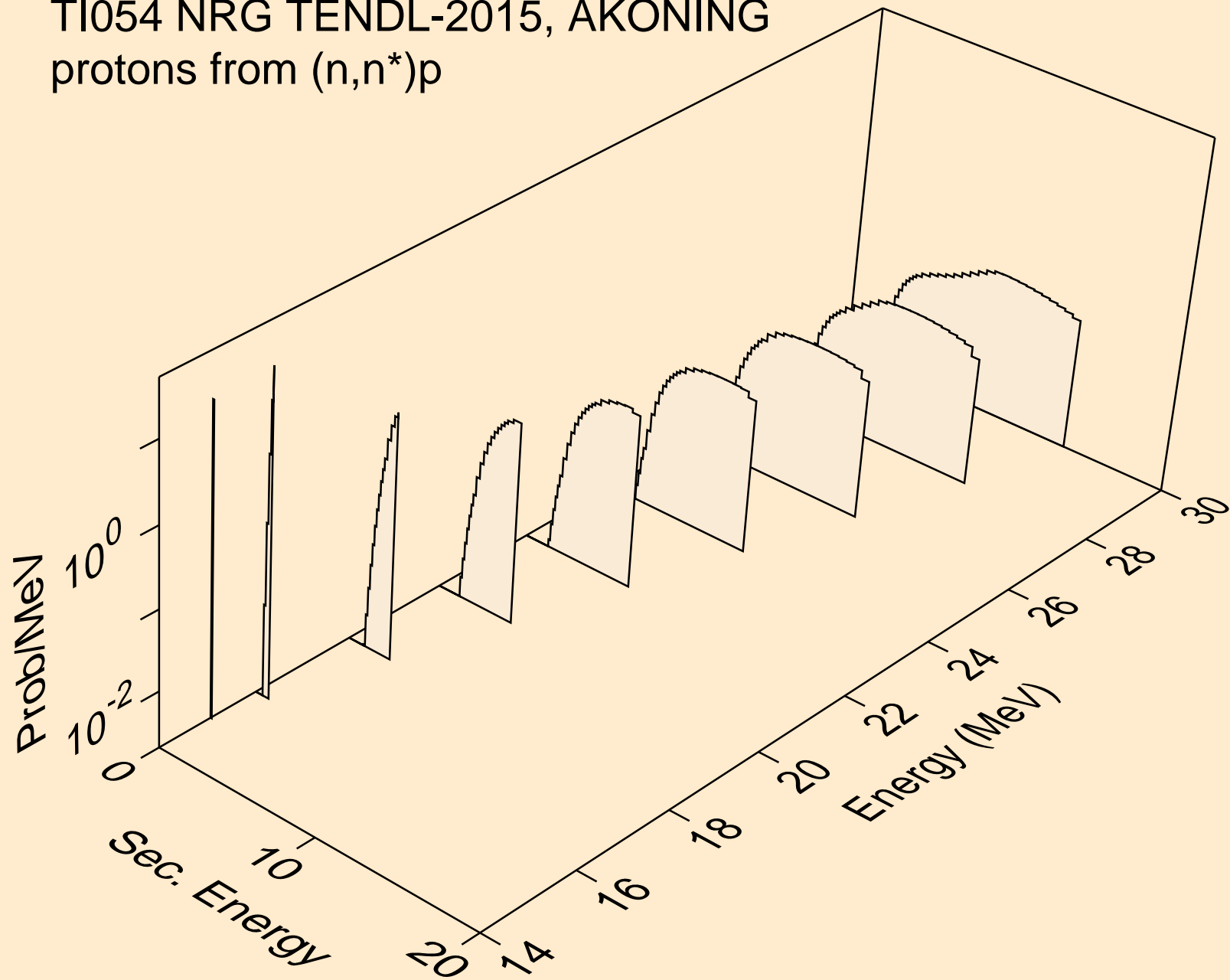
## Particle production cross sections



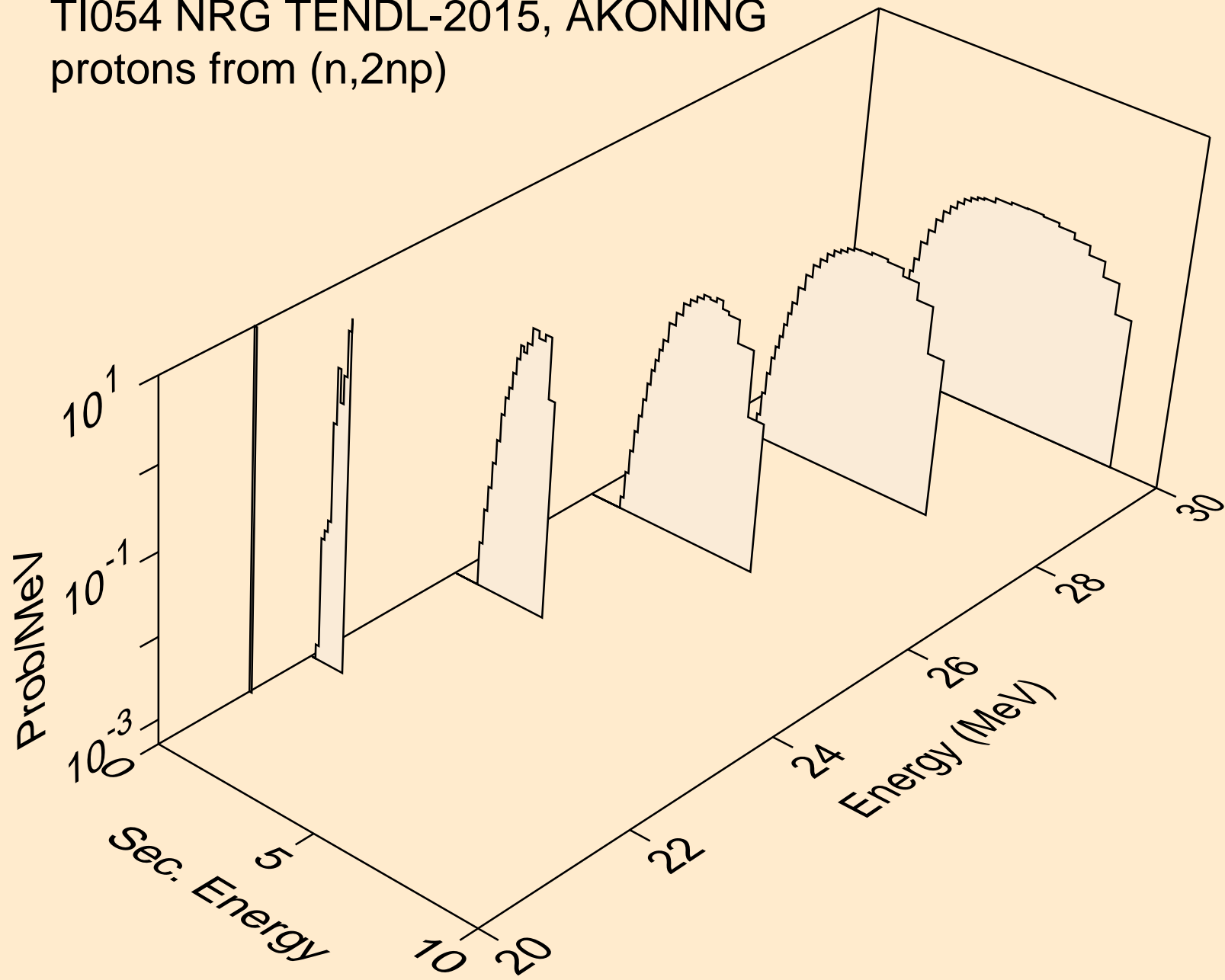
TI054 NRG TENDL-2015, AKONING  
protons from (n,x)



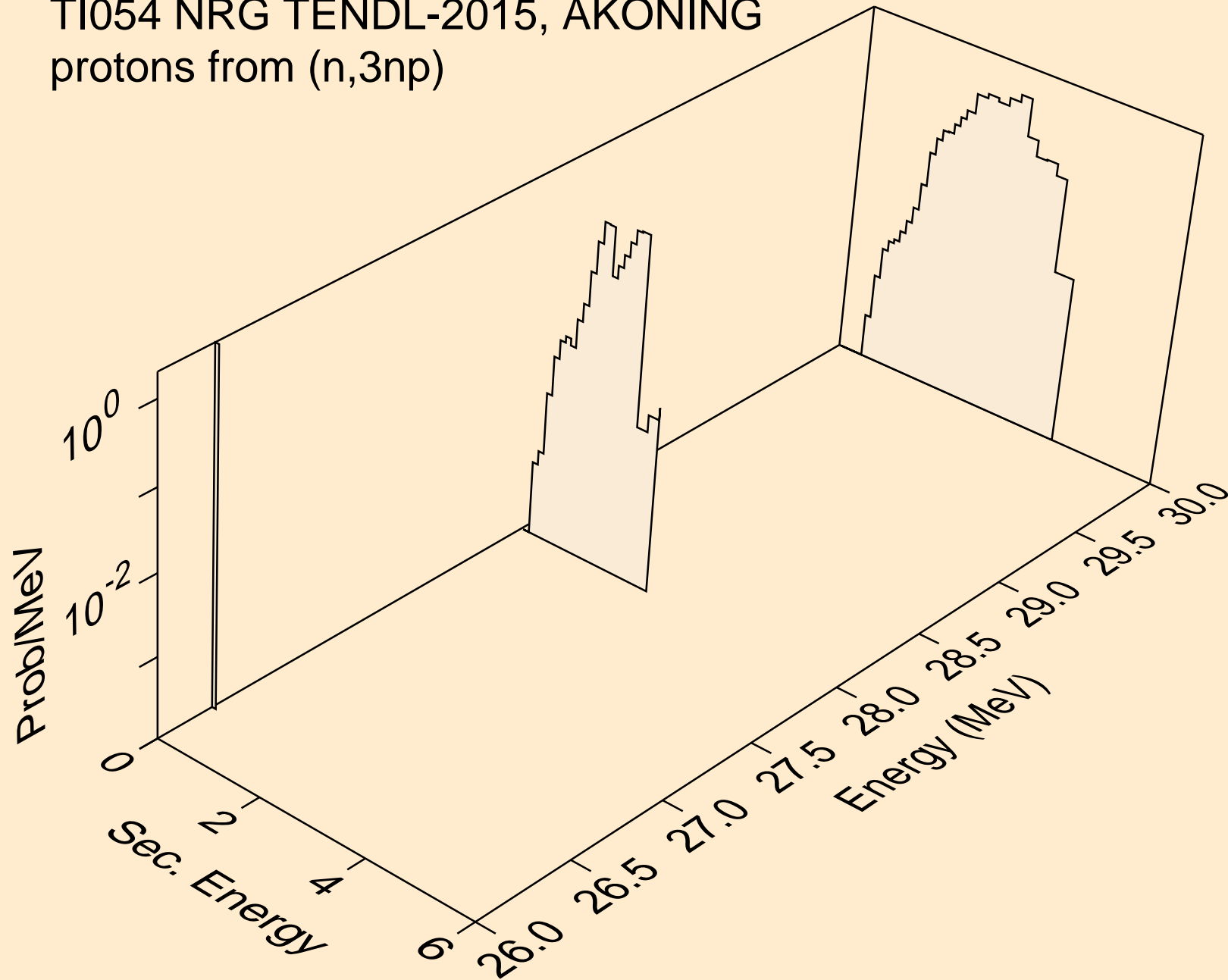
TI054 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



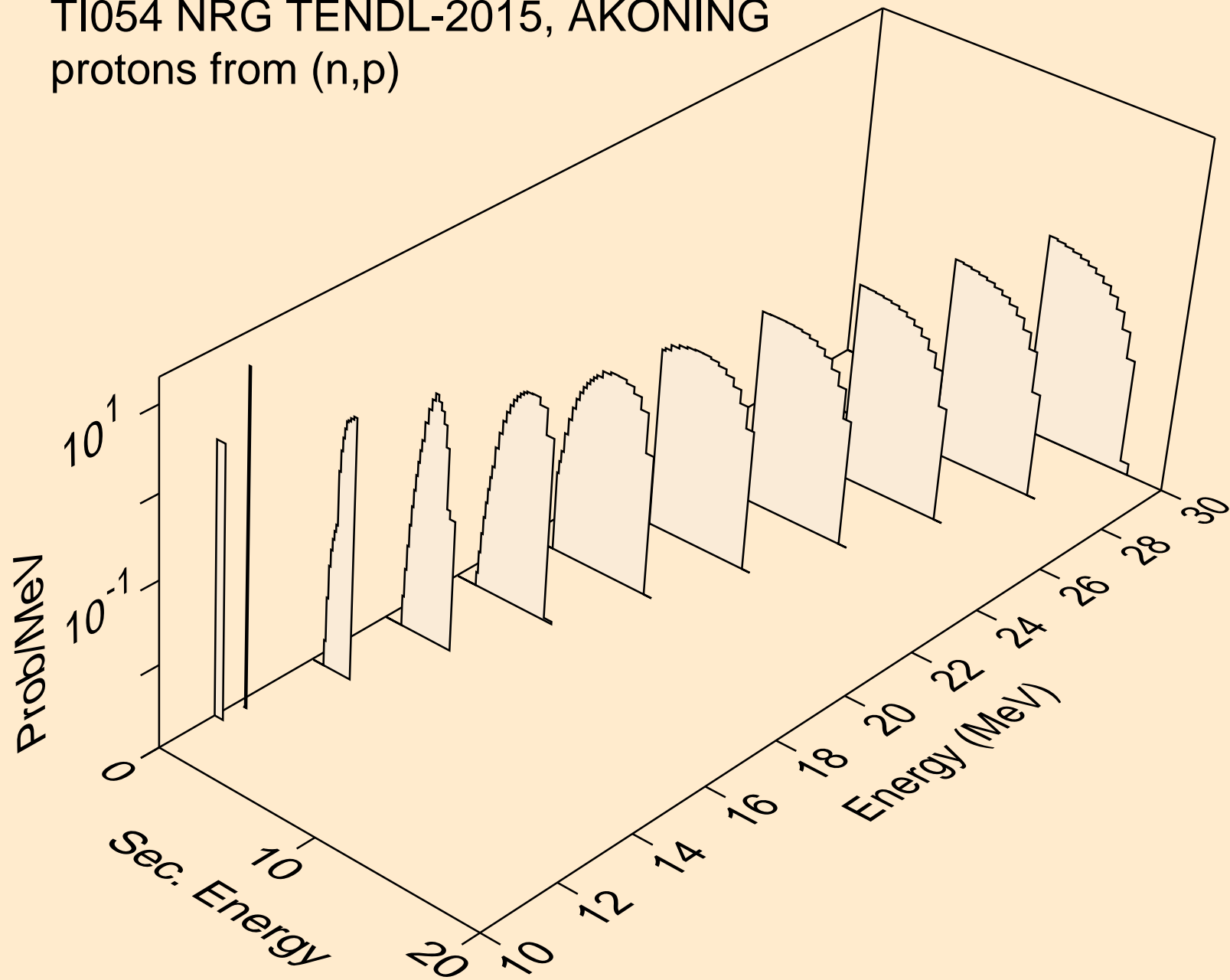
TI054 NRG TENDL-2015, AKONING  
protons from (n,2np)



TI054 NRG TENDL-2015, AKONING  
protons from (n,3np)

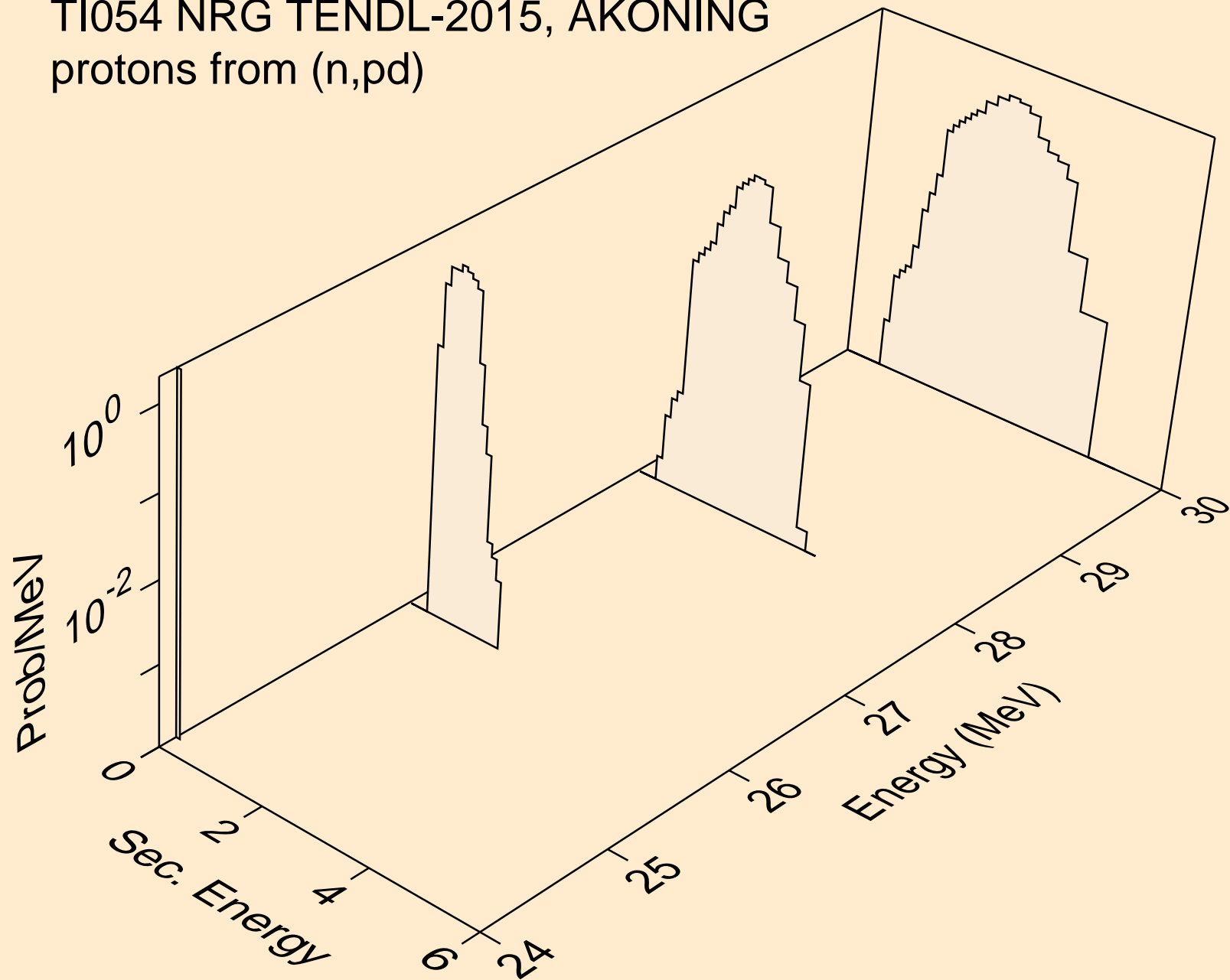


TI054 NRG TENDL-2015, AKONING  
protons from (n,p)

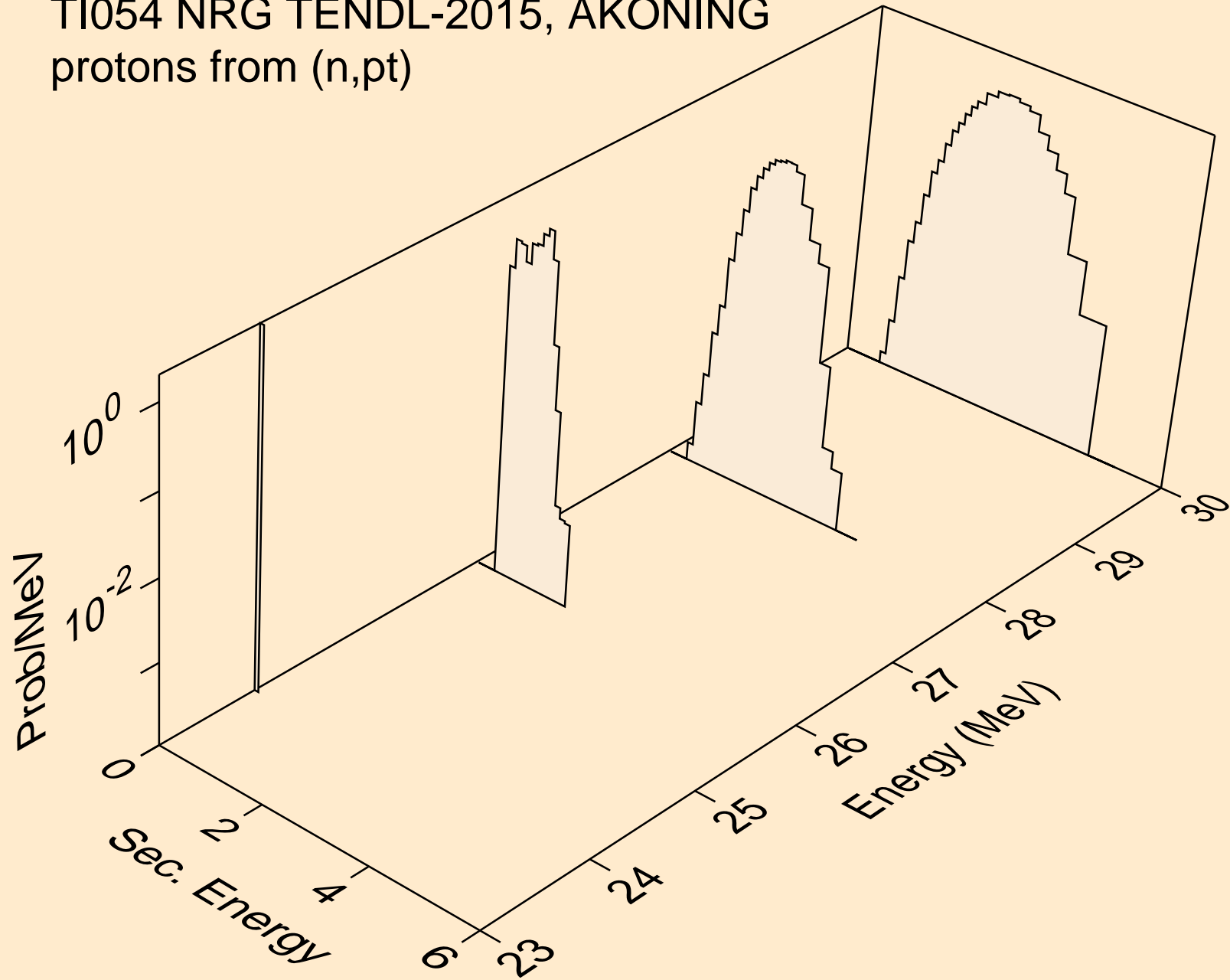




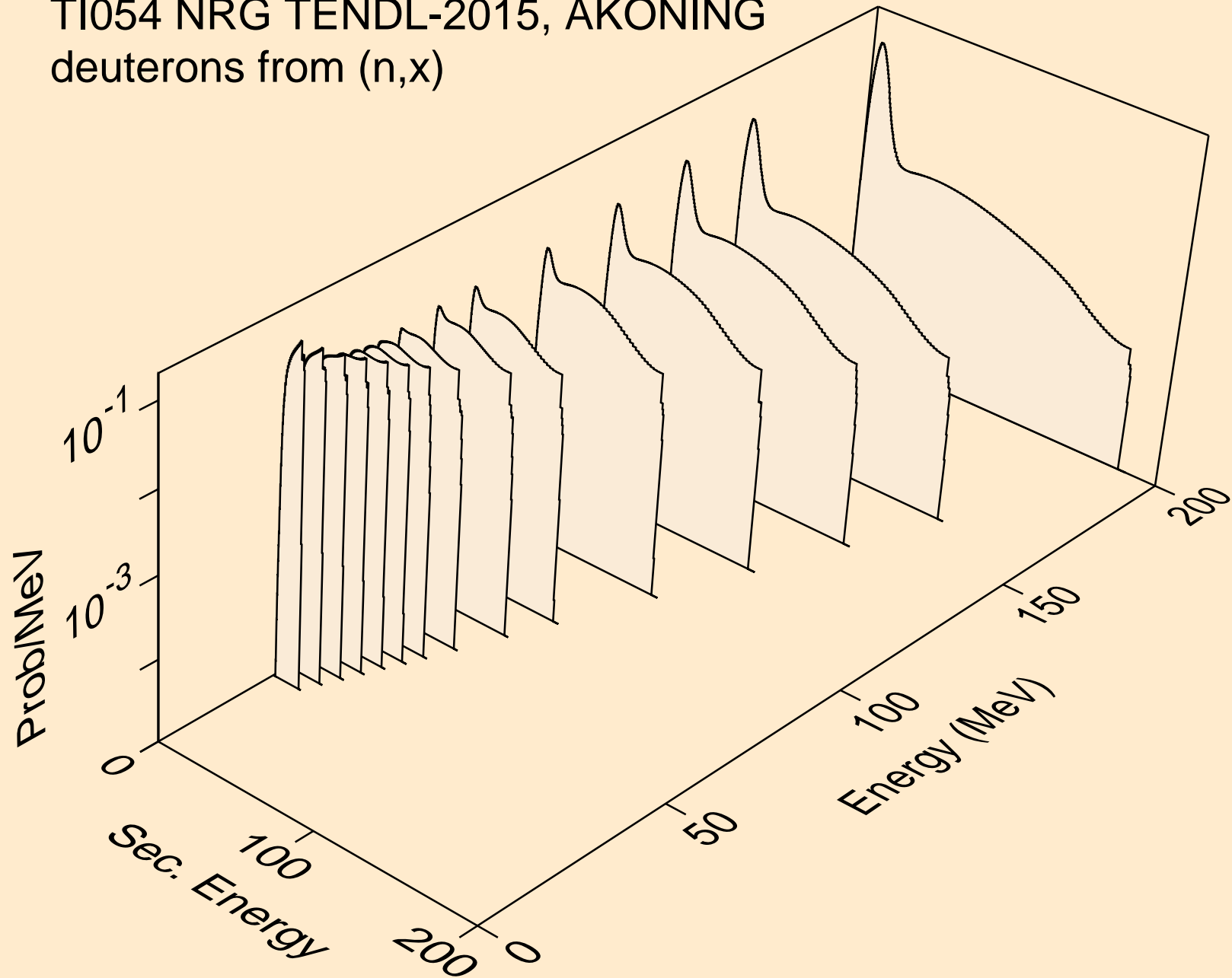
TI054 NRG TENDL-2015, AKONING  
protons from (n,pd)



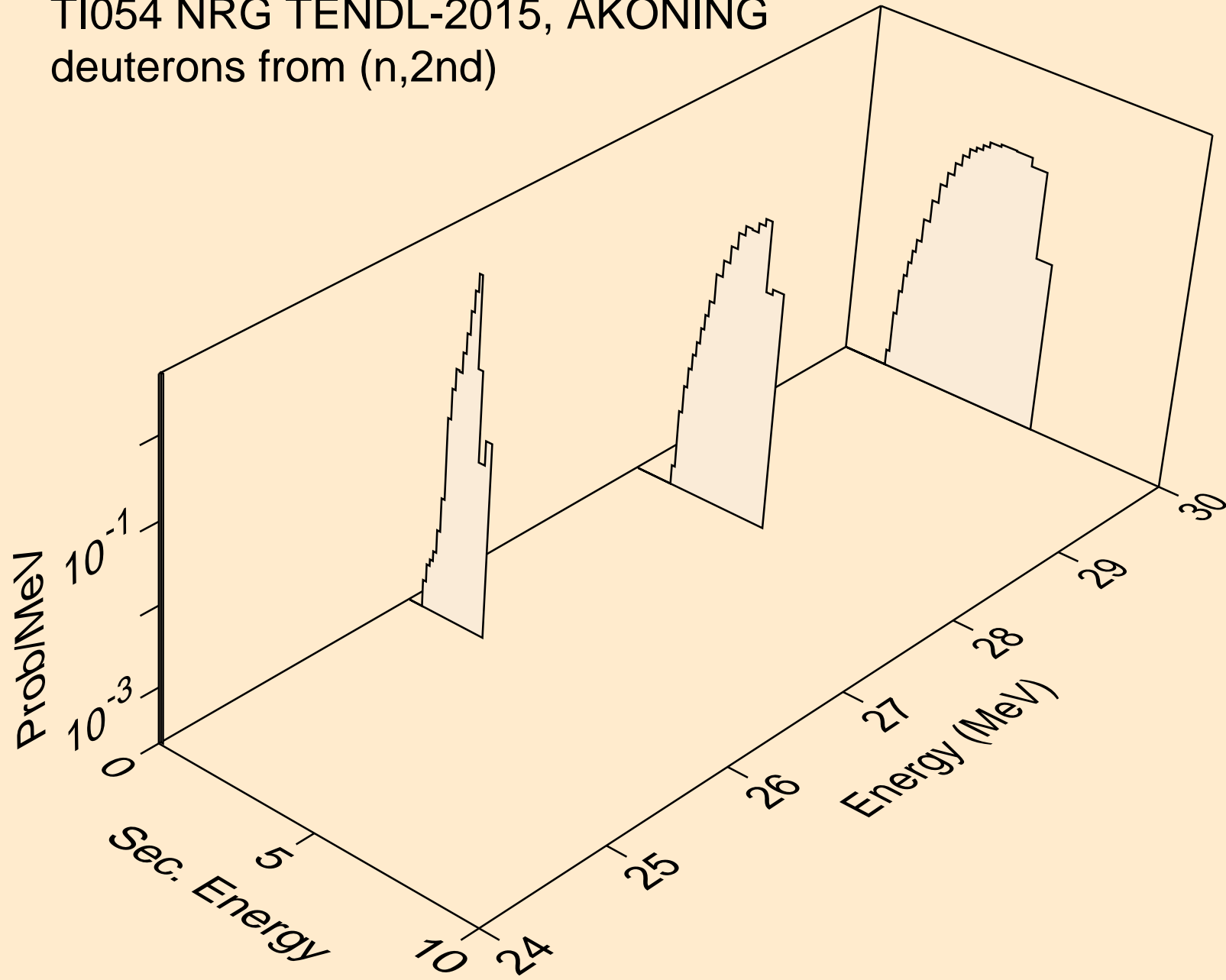
TI054 NRG TENDL-2015, AKONING  
protons from (n,pt)



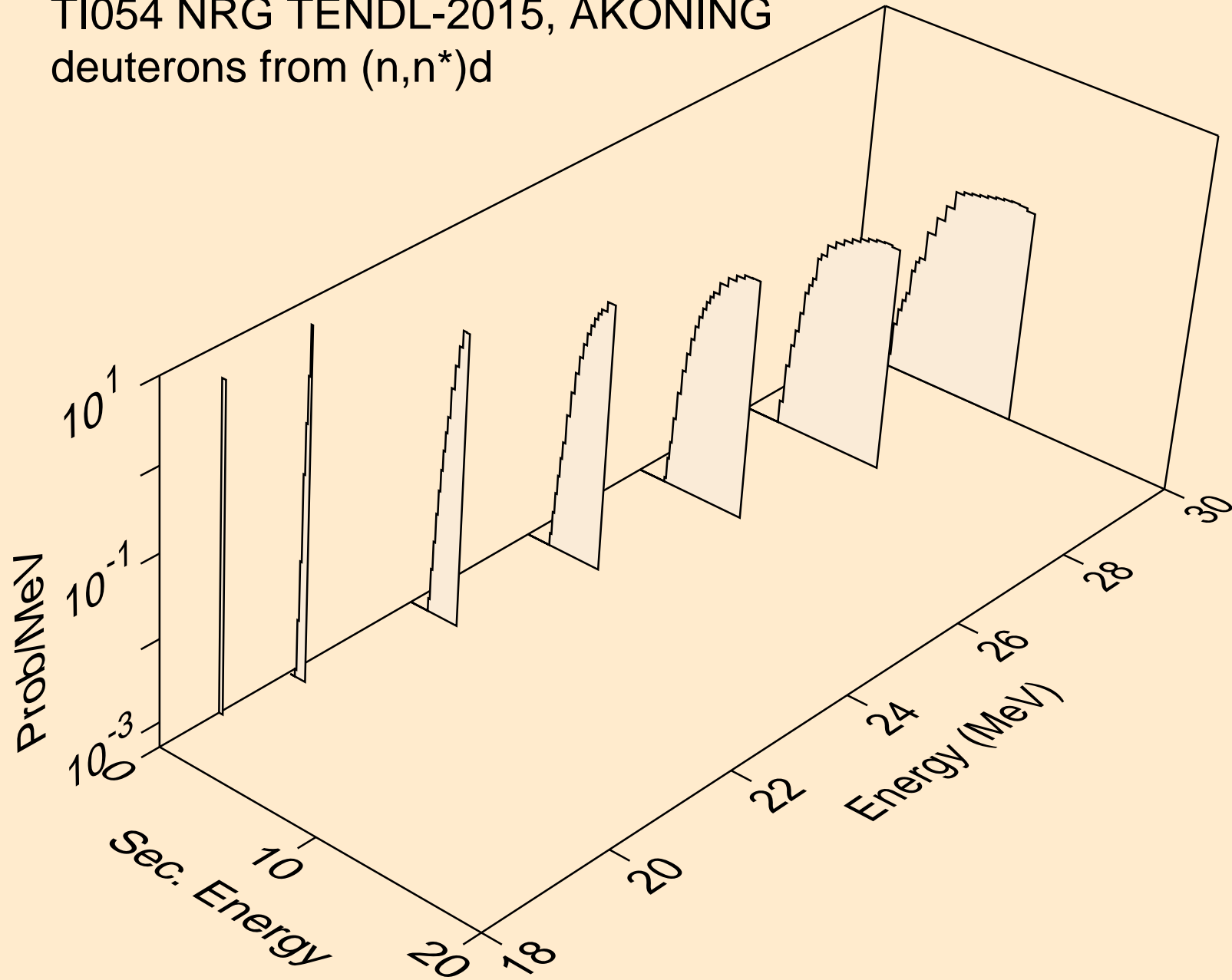
TI054 NRG TENDL-2015, AKONING  
deuterons from (n,x)



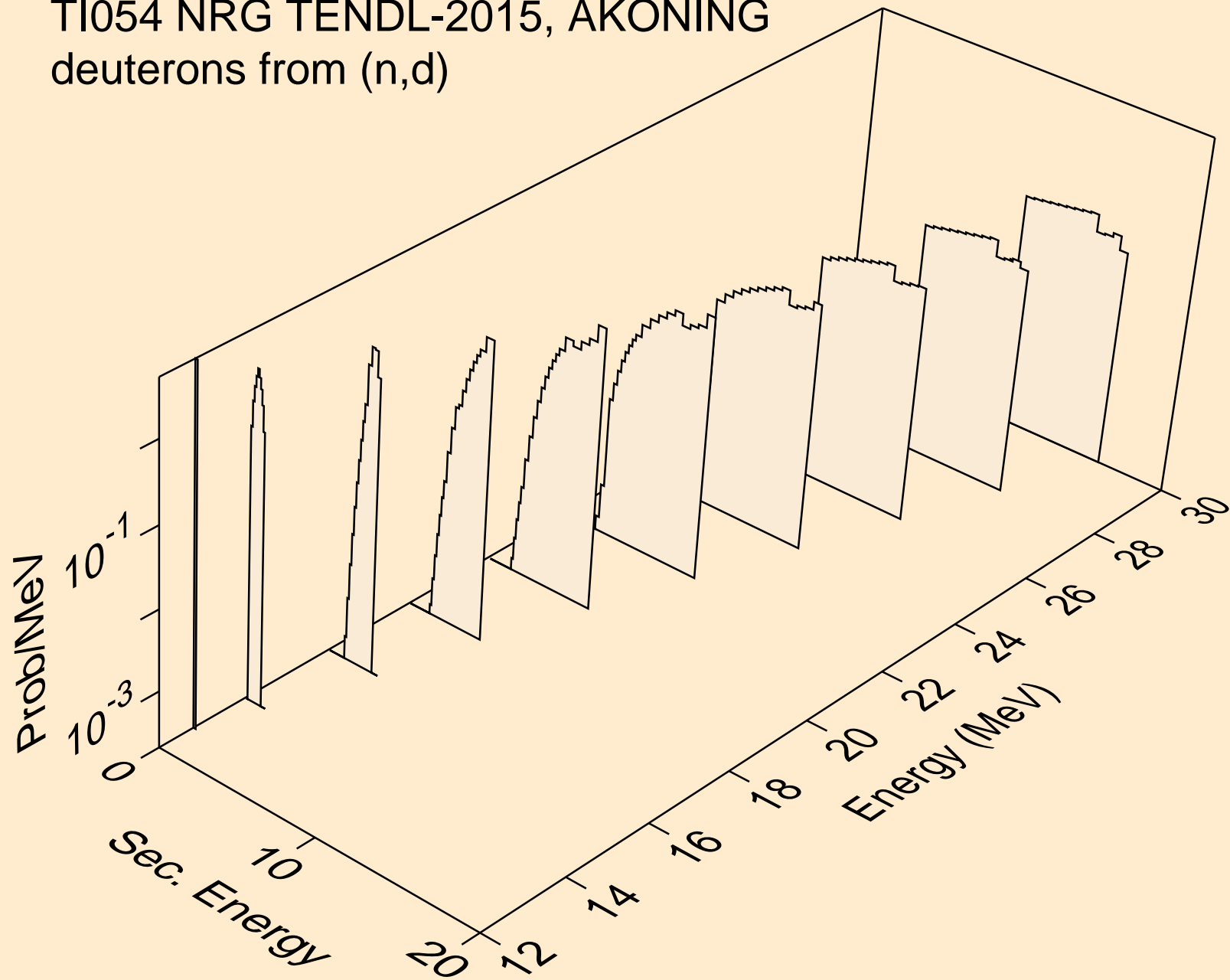
TI054 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



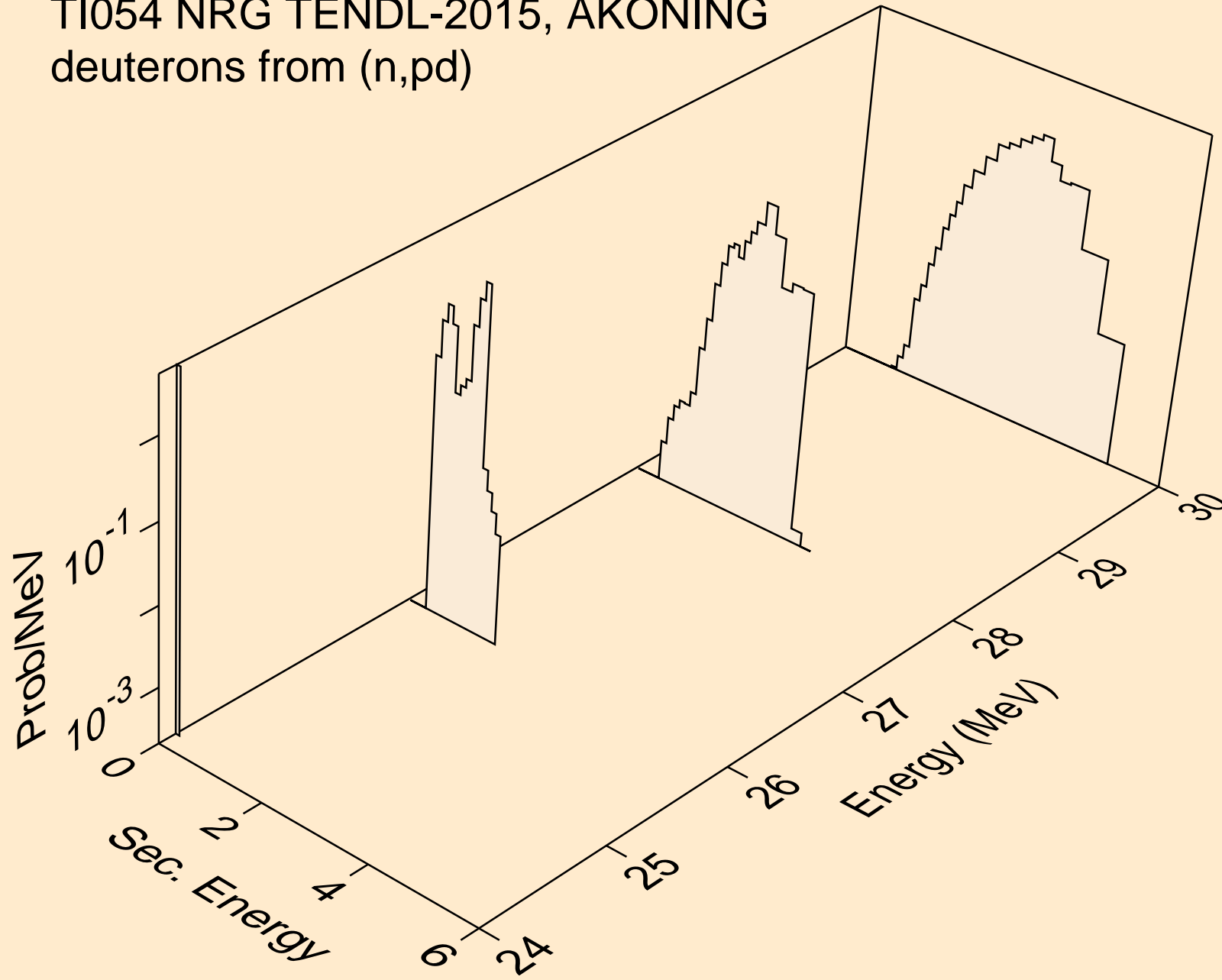
TI054 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



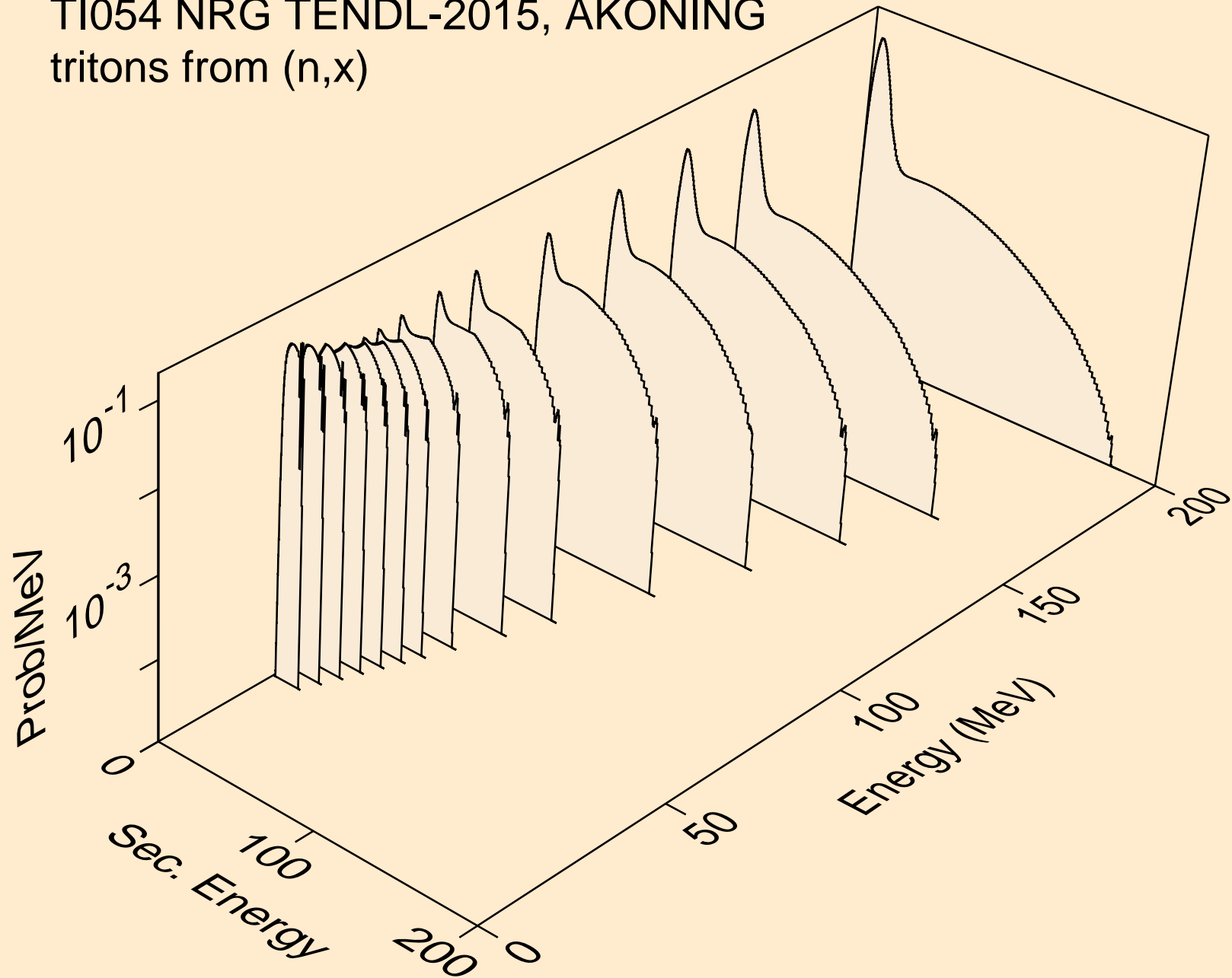
TI054 NRG TENDL-2015, AKONING  
deuterons from (n,d)



TI054 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

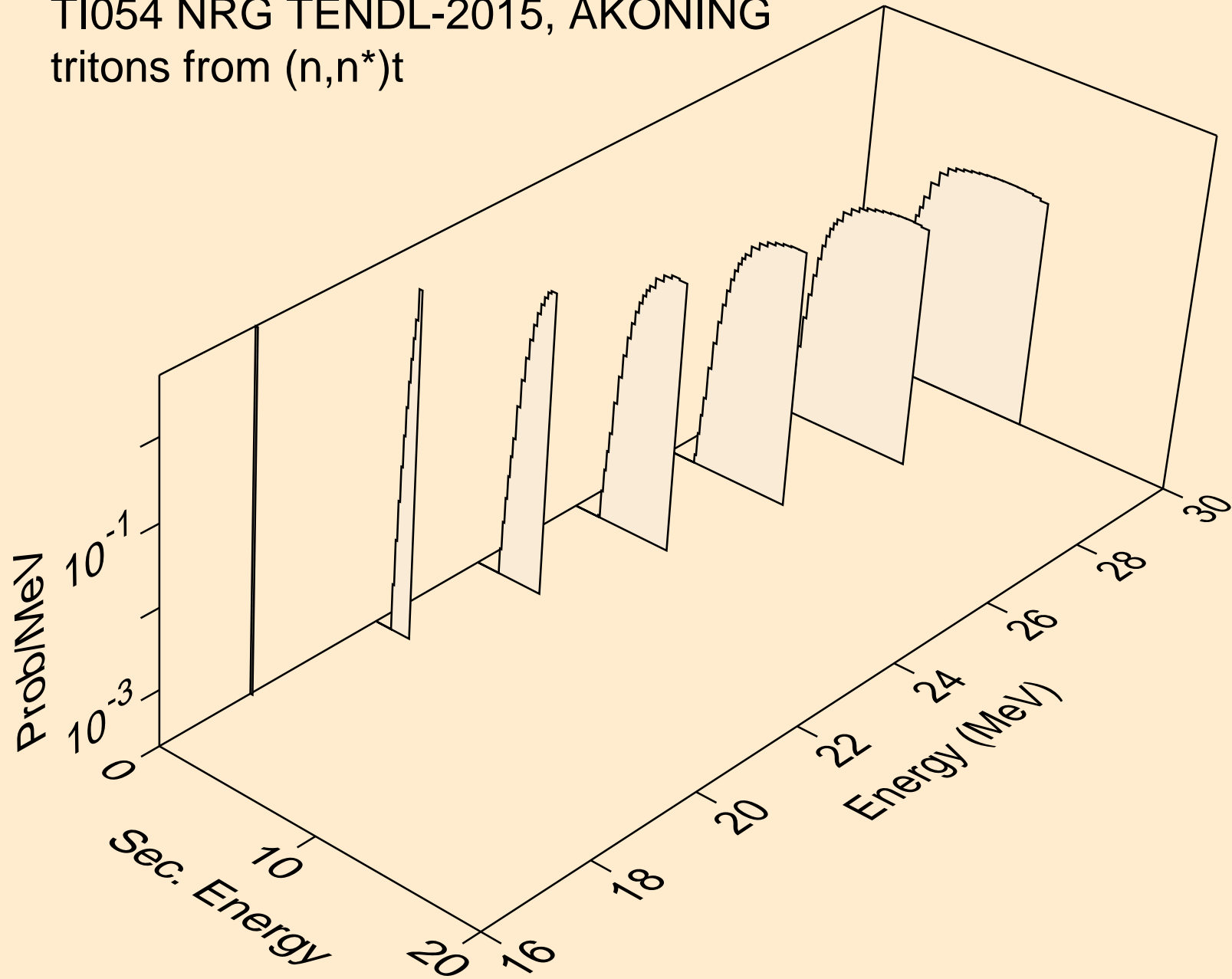


TI054 NRG TENDL-2015, AKONING  
tritons from (n,x)

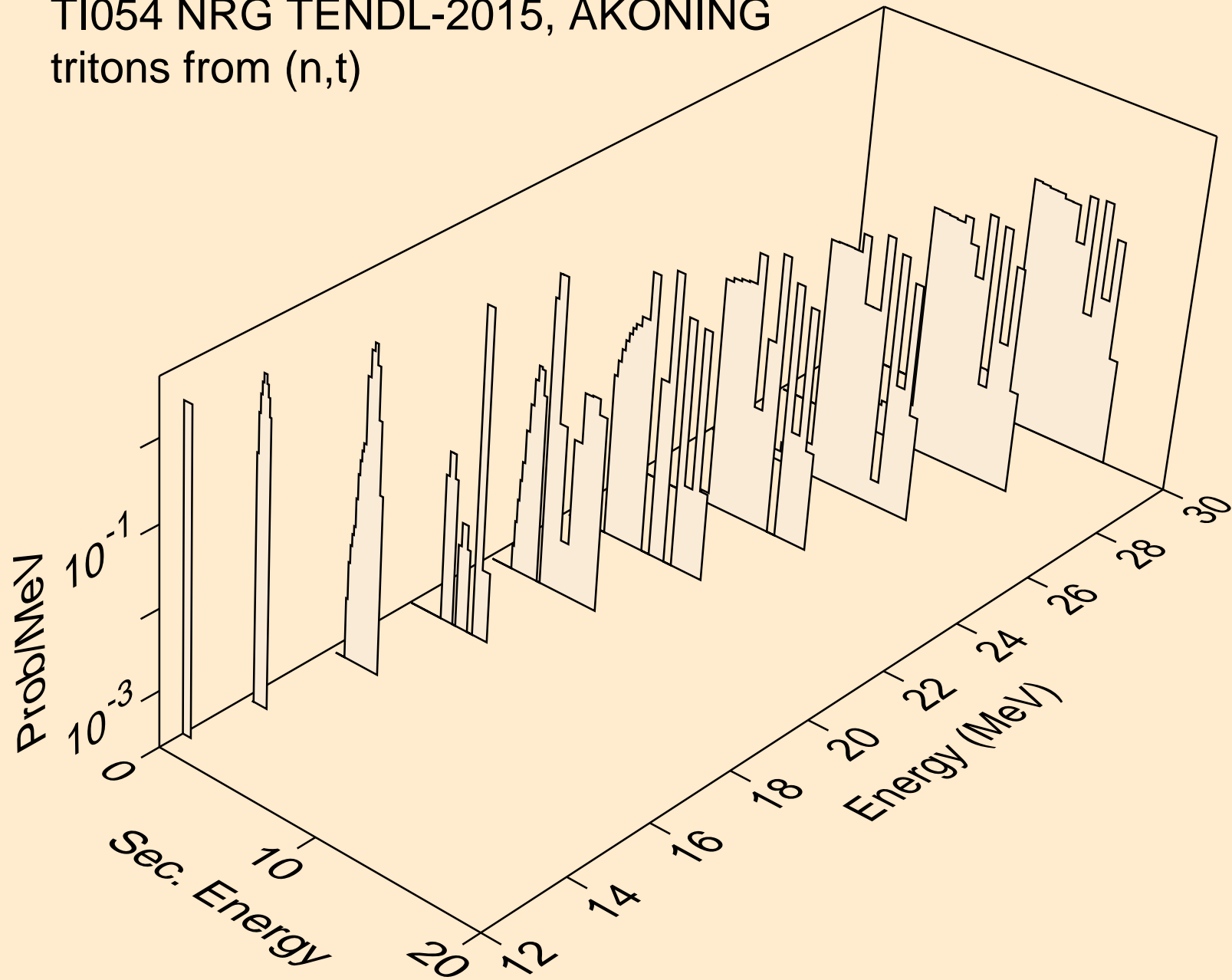




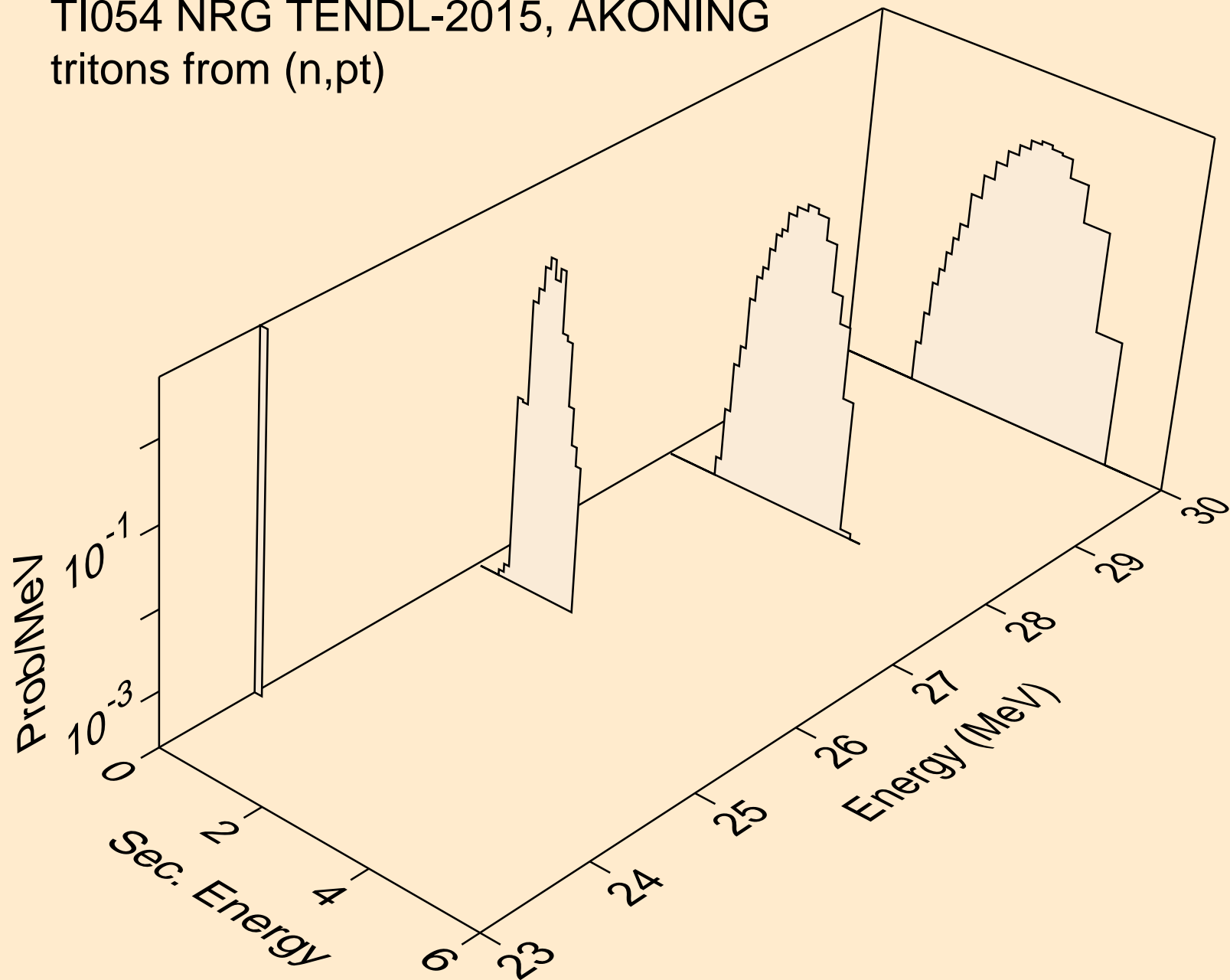
TI054 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



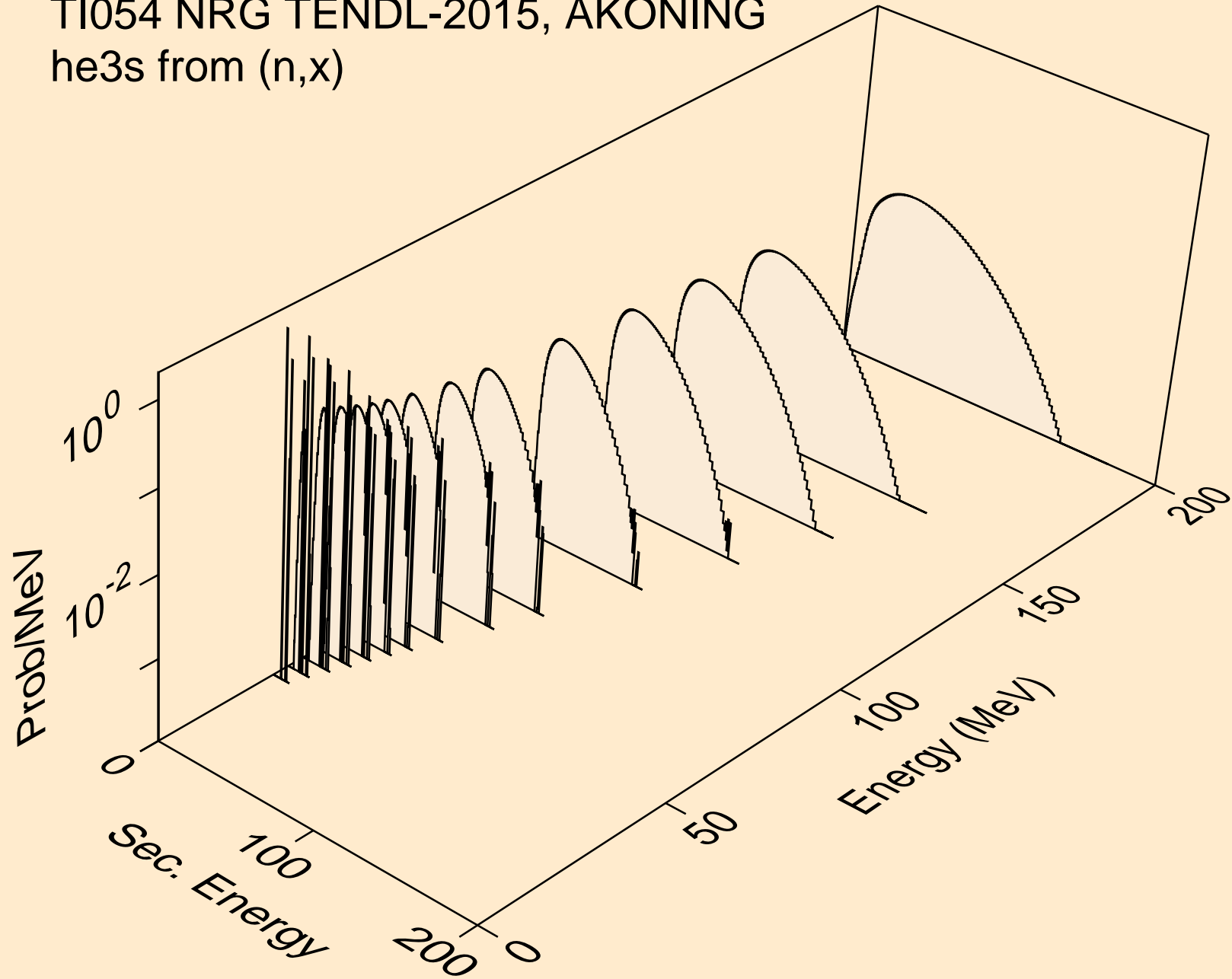
TI054 NRG TENDL-2015, AKONING  
tritons from (n,t)



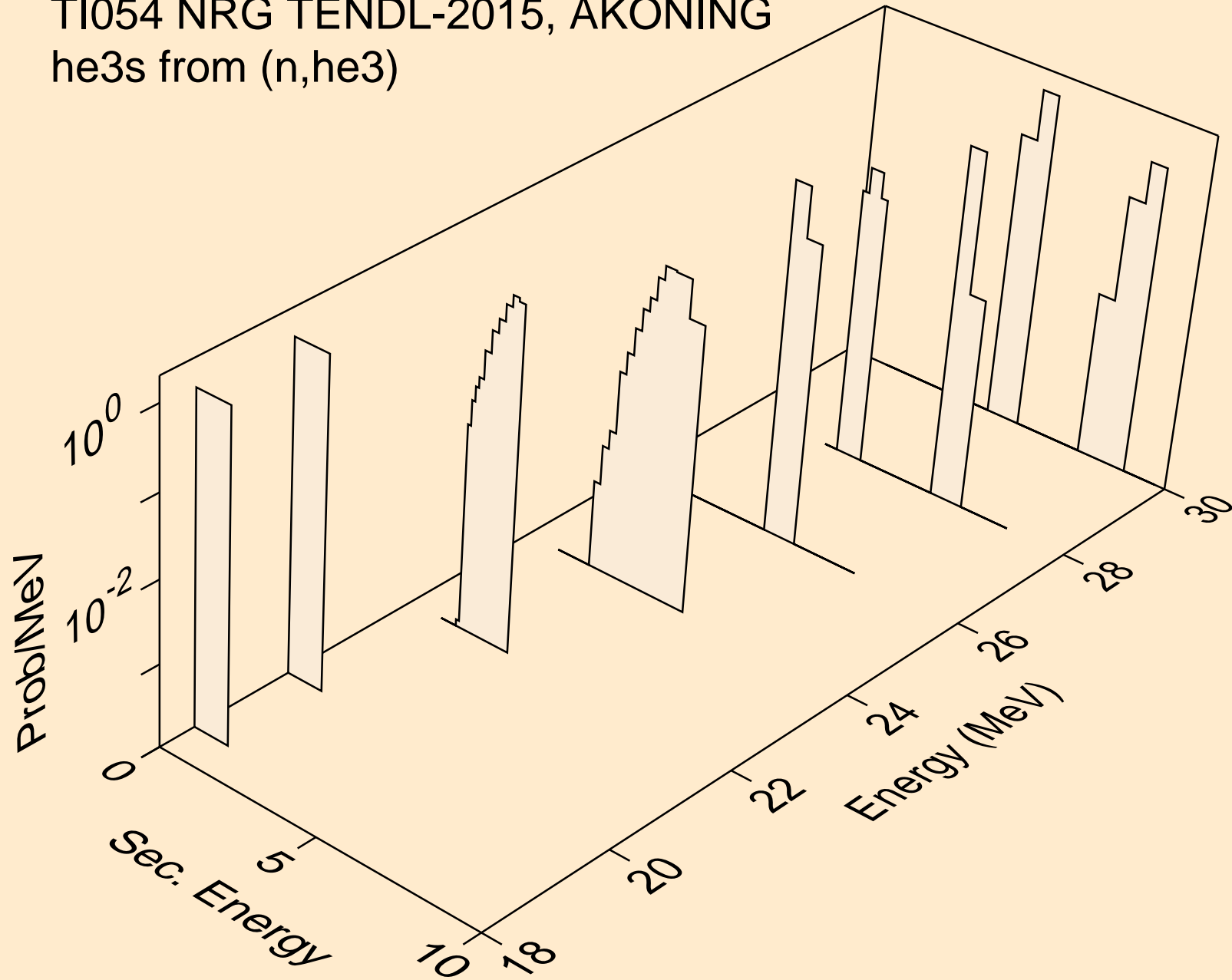
TI054 NRG TENDL-2015, AKONING  
tritons from (n,pt)



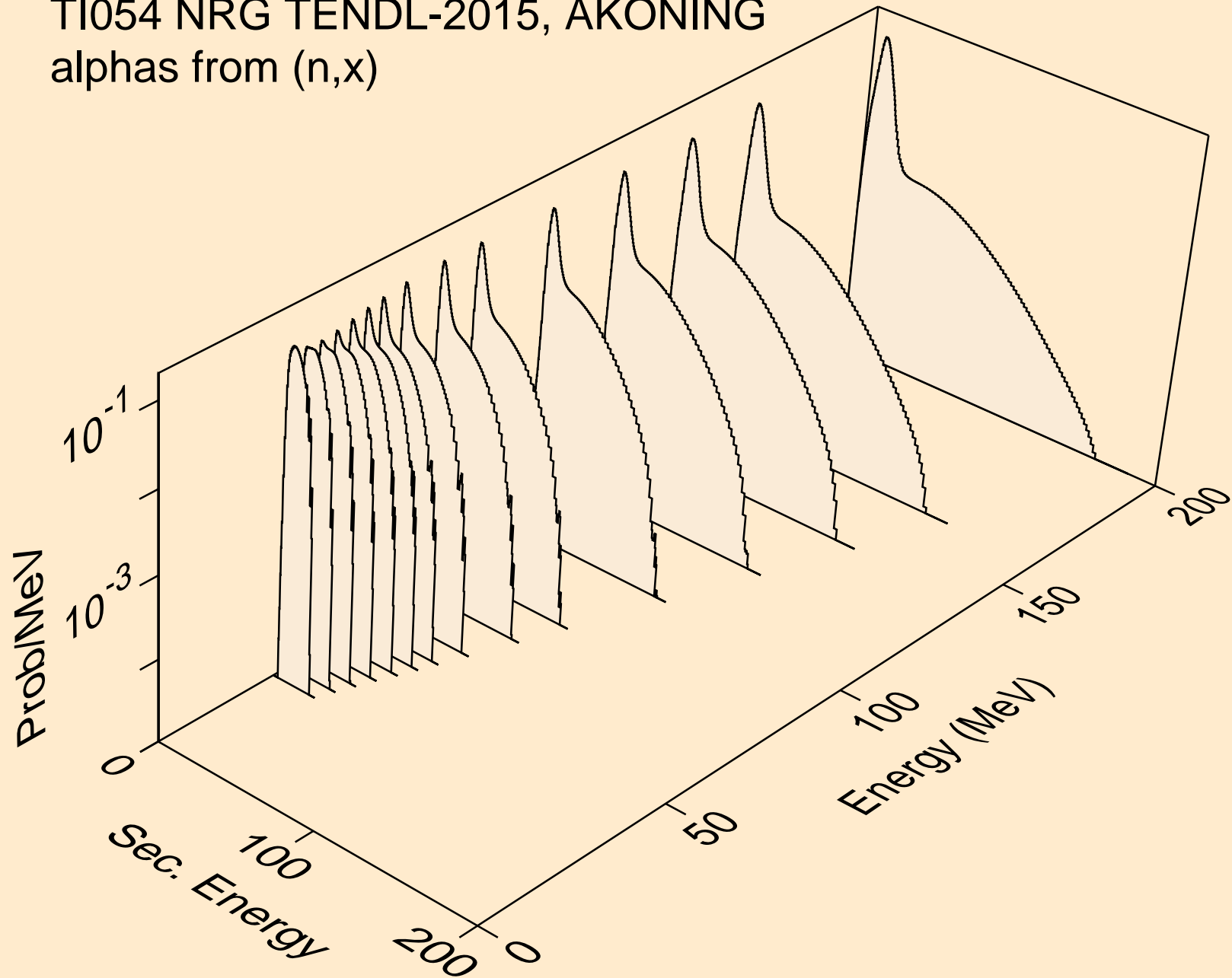
TI054 NRG TENDL-2015, AKONING  
he3s from (n,x)



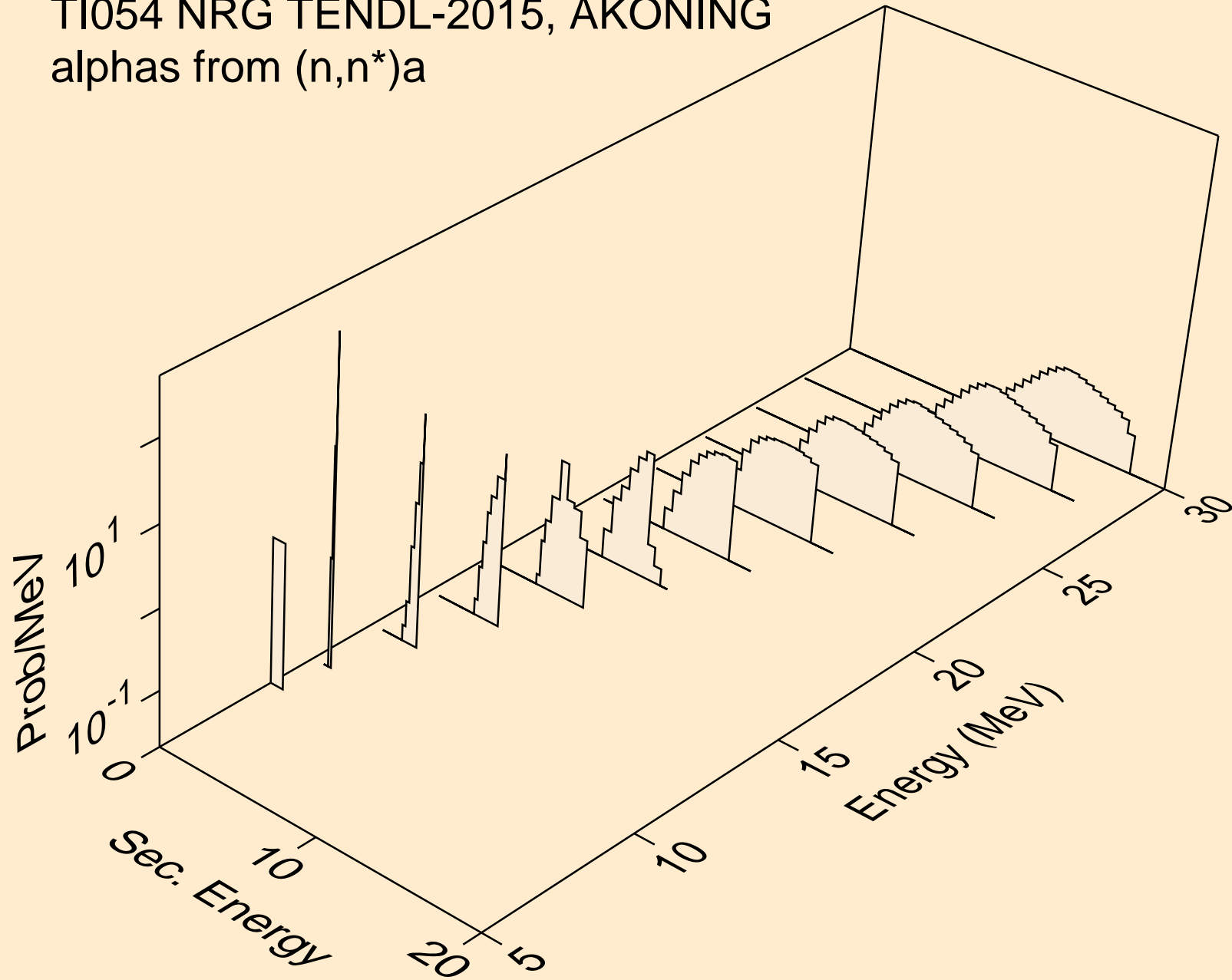
TI054 NRG TENDL-2015, AKONING  
he3s from (n,he3)



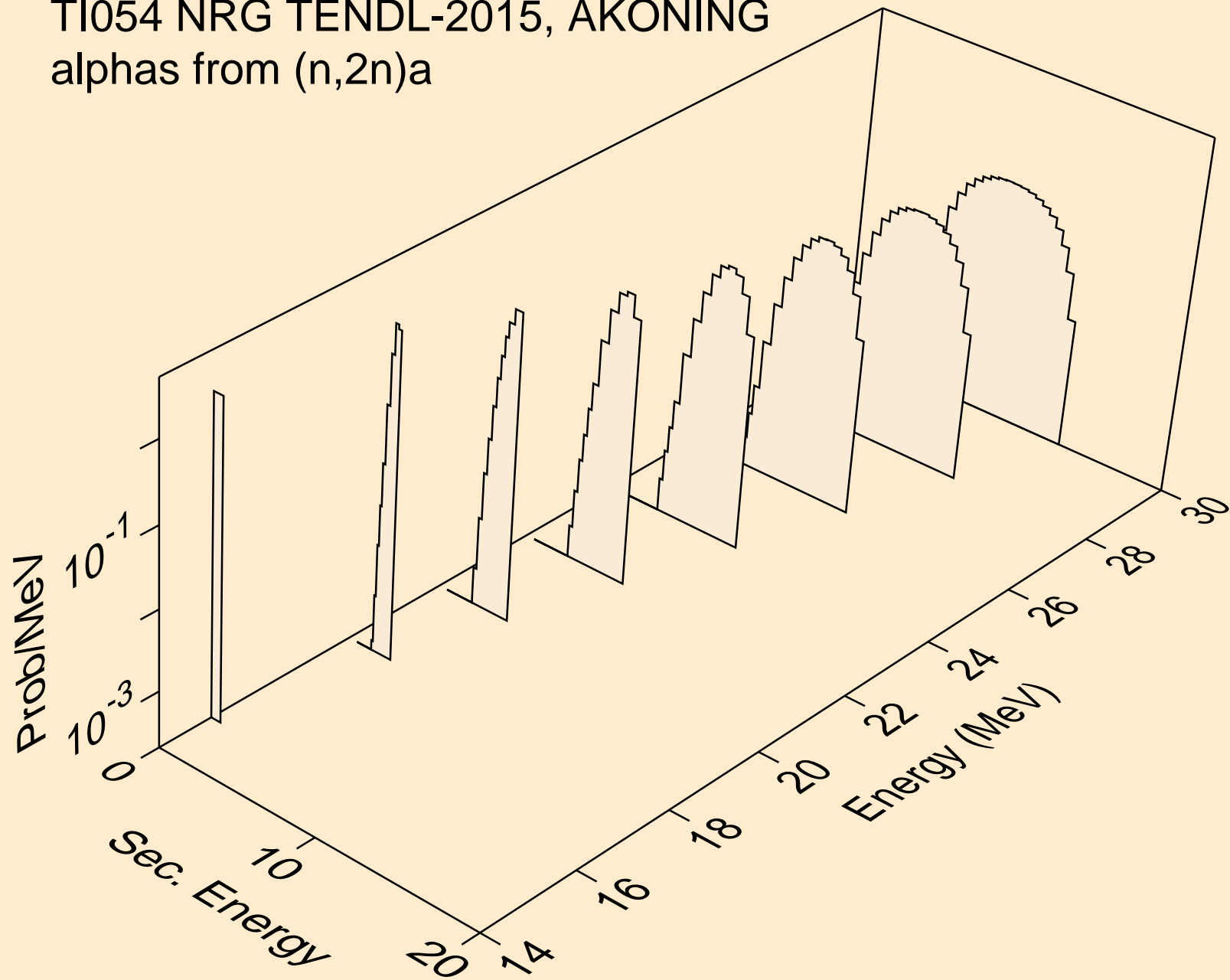
TI054 NRG TENDL-2015, AKONING  
alphas from (n,x)



TI054 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

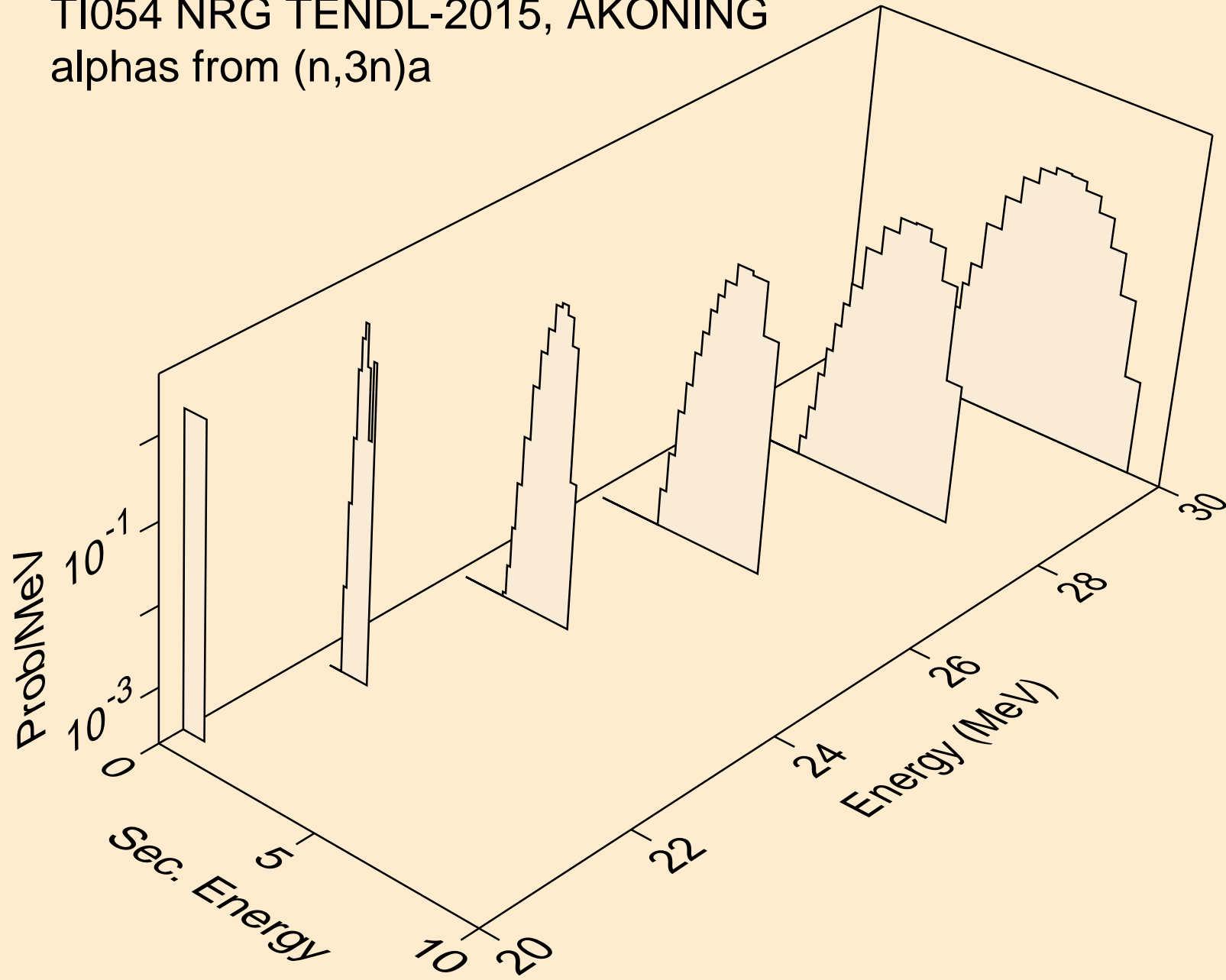


TI054 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

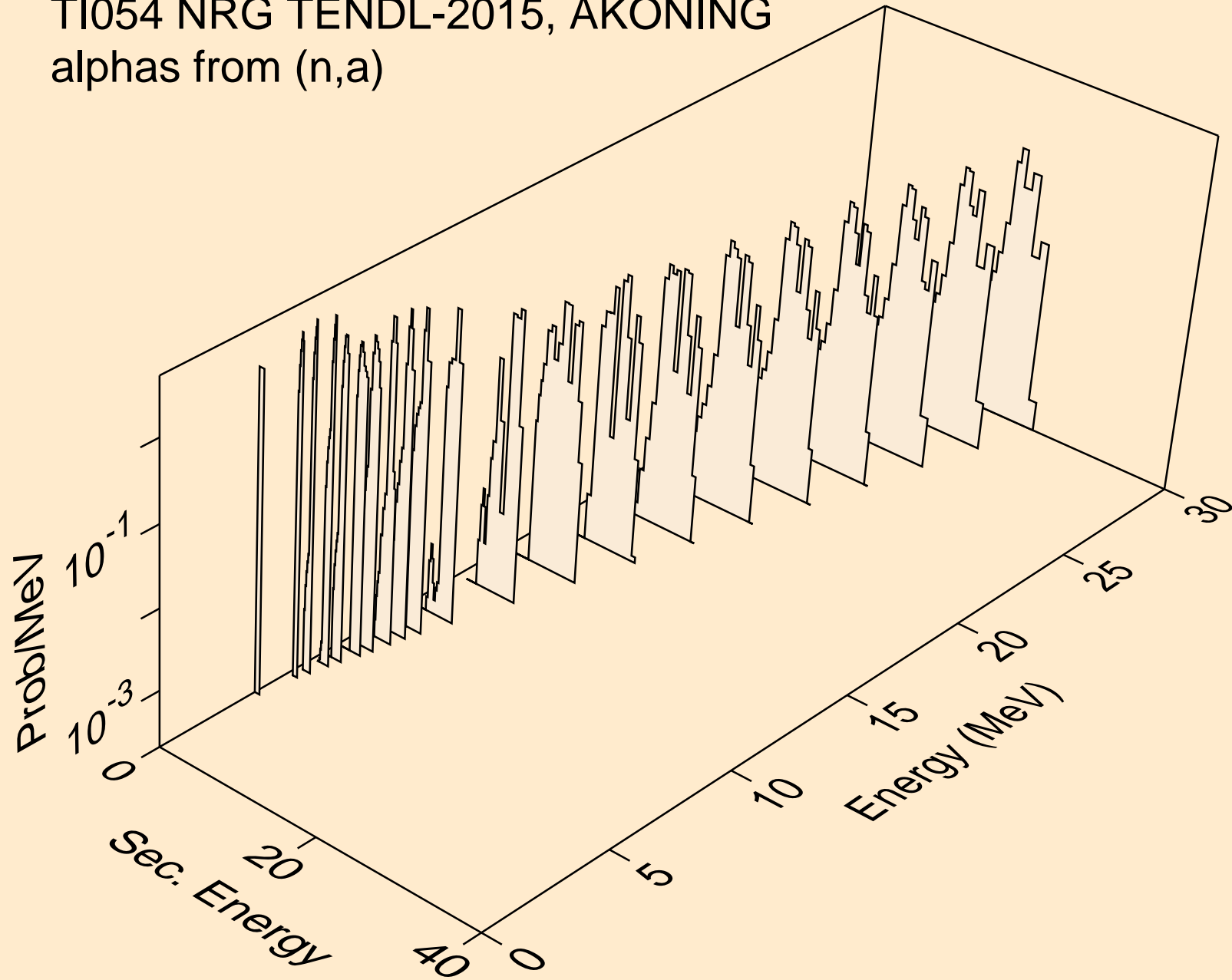




TI054 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



TI054 NRG TENDL-2015, AKONING  
alphas from (n,a)



TI054 NRG TENDL-2015, AKONING  
alphas from (n,2a)

