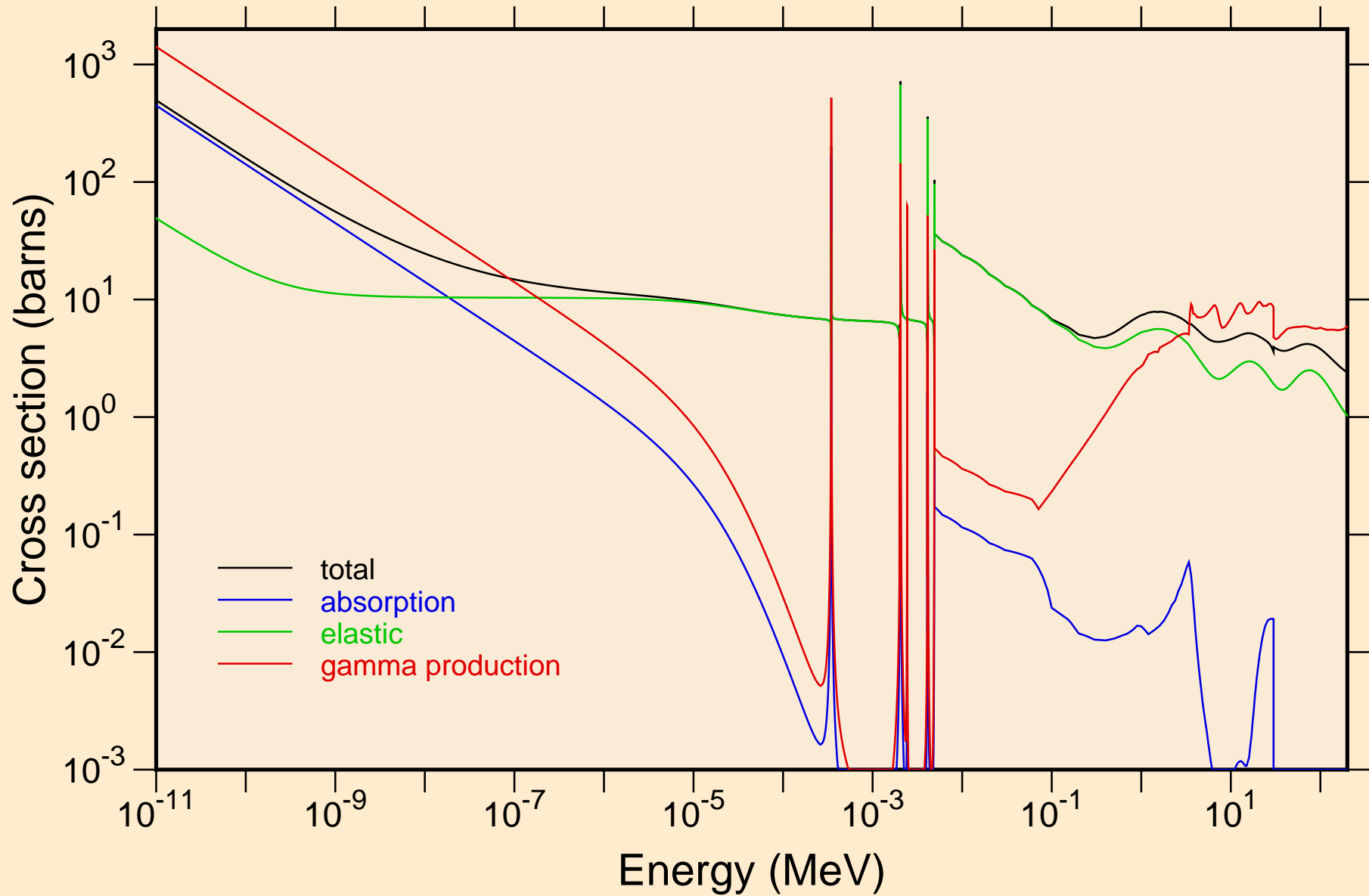
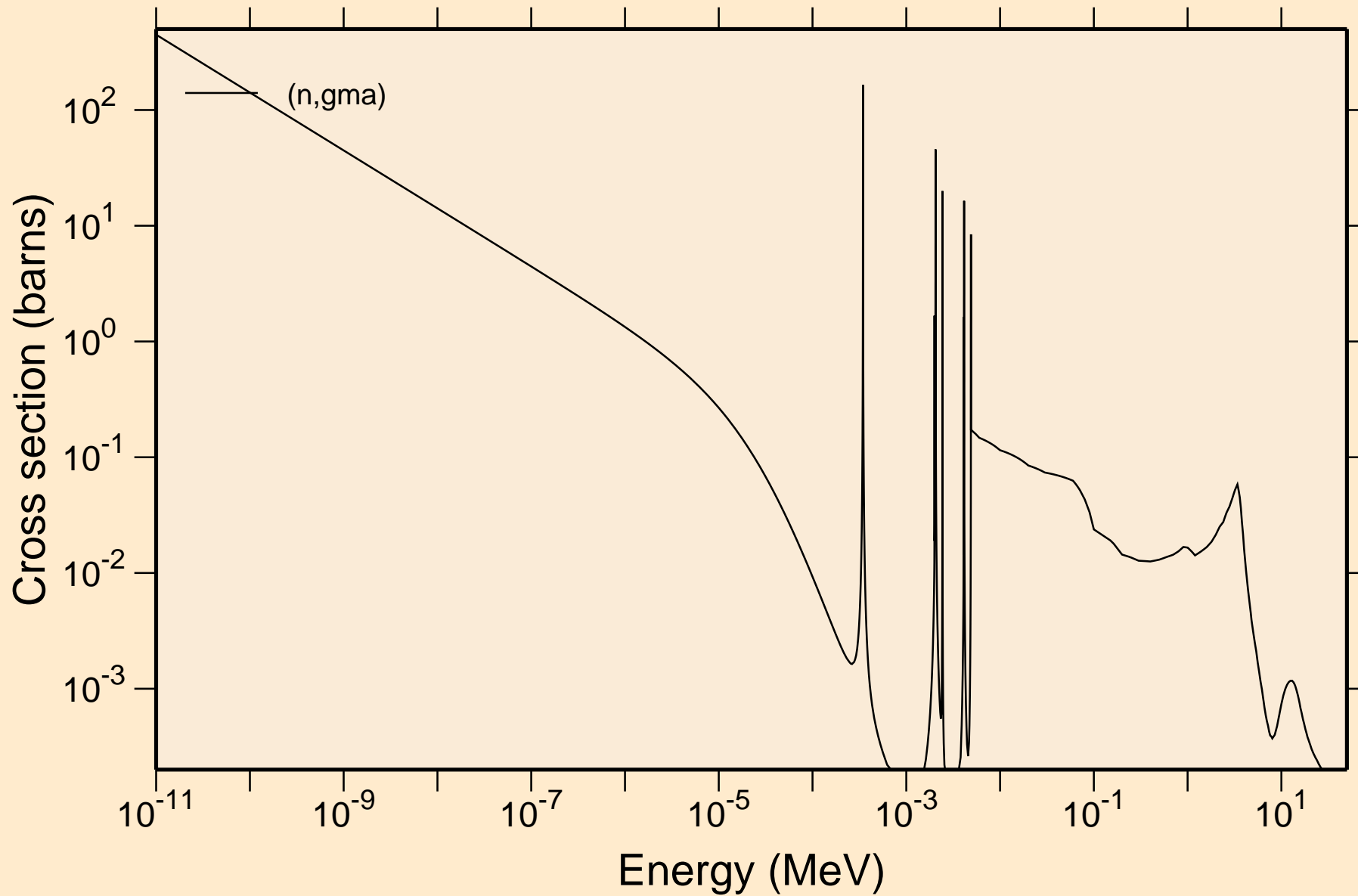


# ND154 NRG TENDL-2015, AKONING

## Principal cross sections

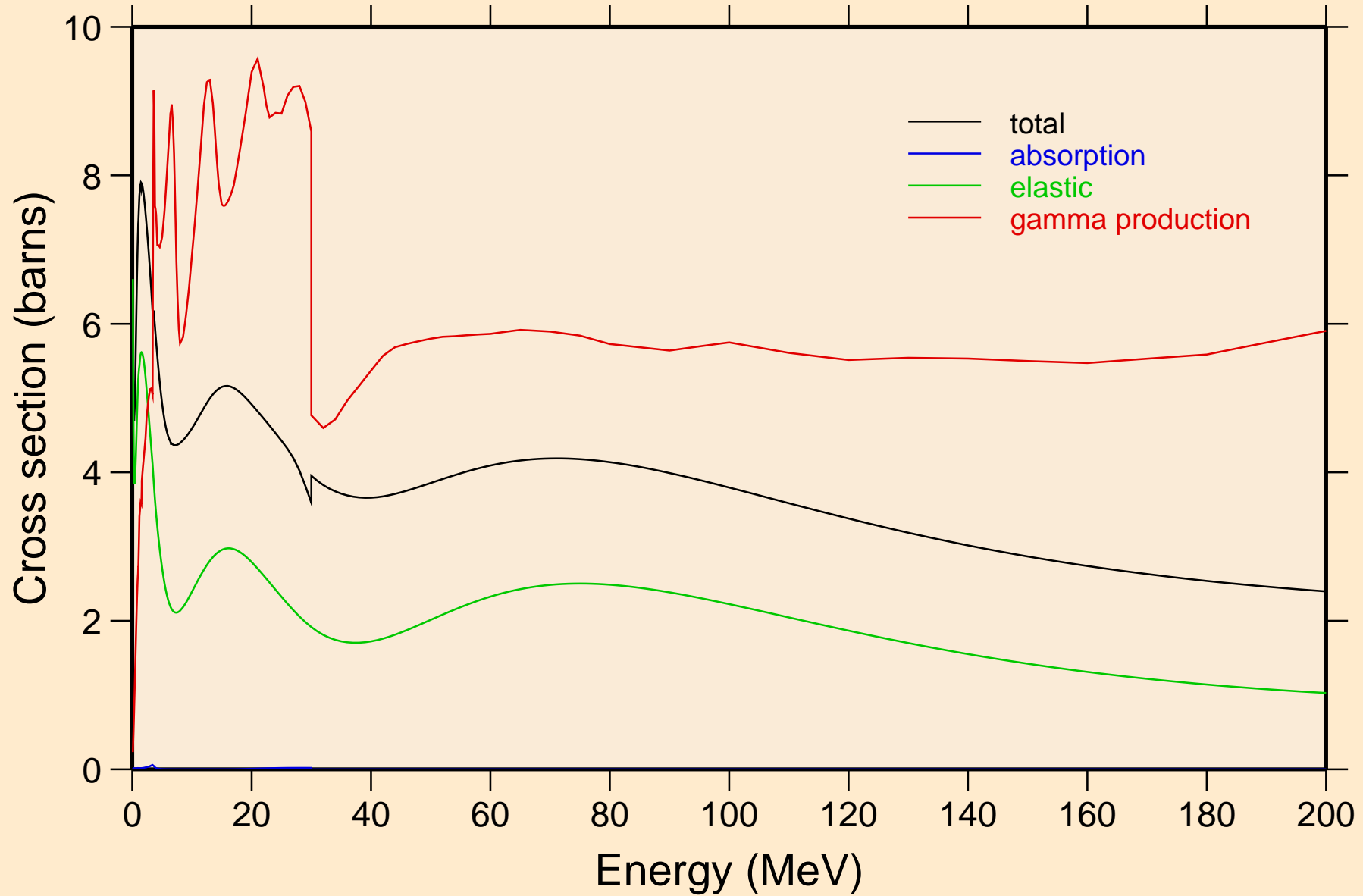


ND154 NRG TENDL-2015, AKONING  
Non-threshold reactions



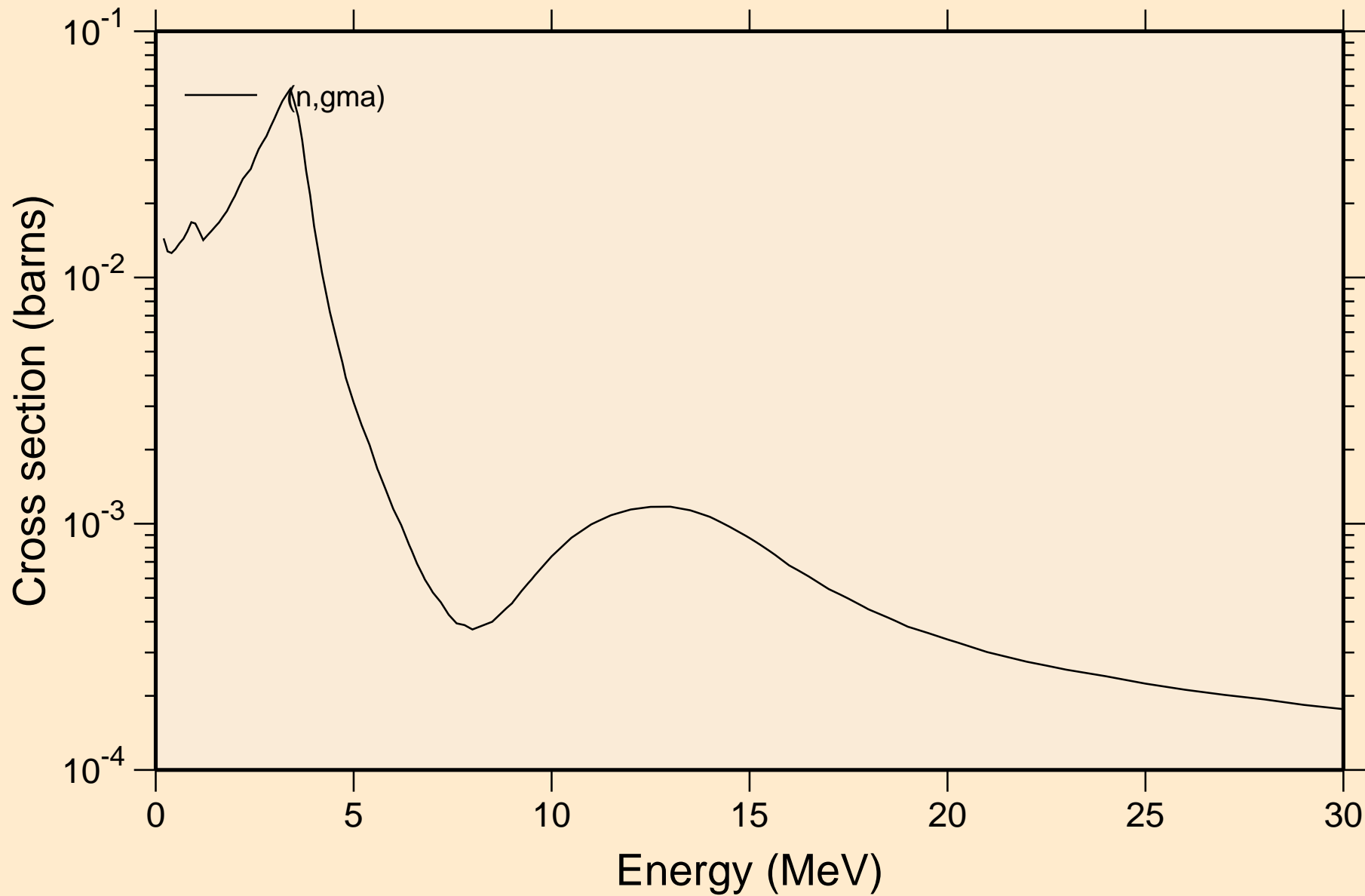
# ND154 NRG TENDL-2015, AKONING

## Principal cross sections



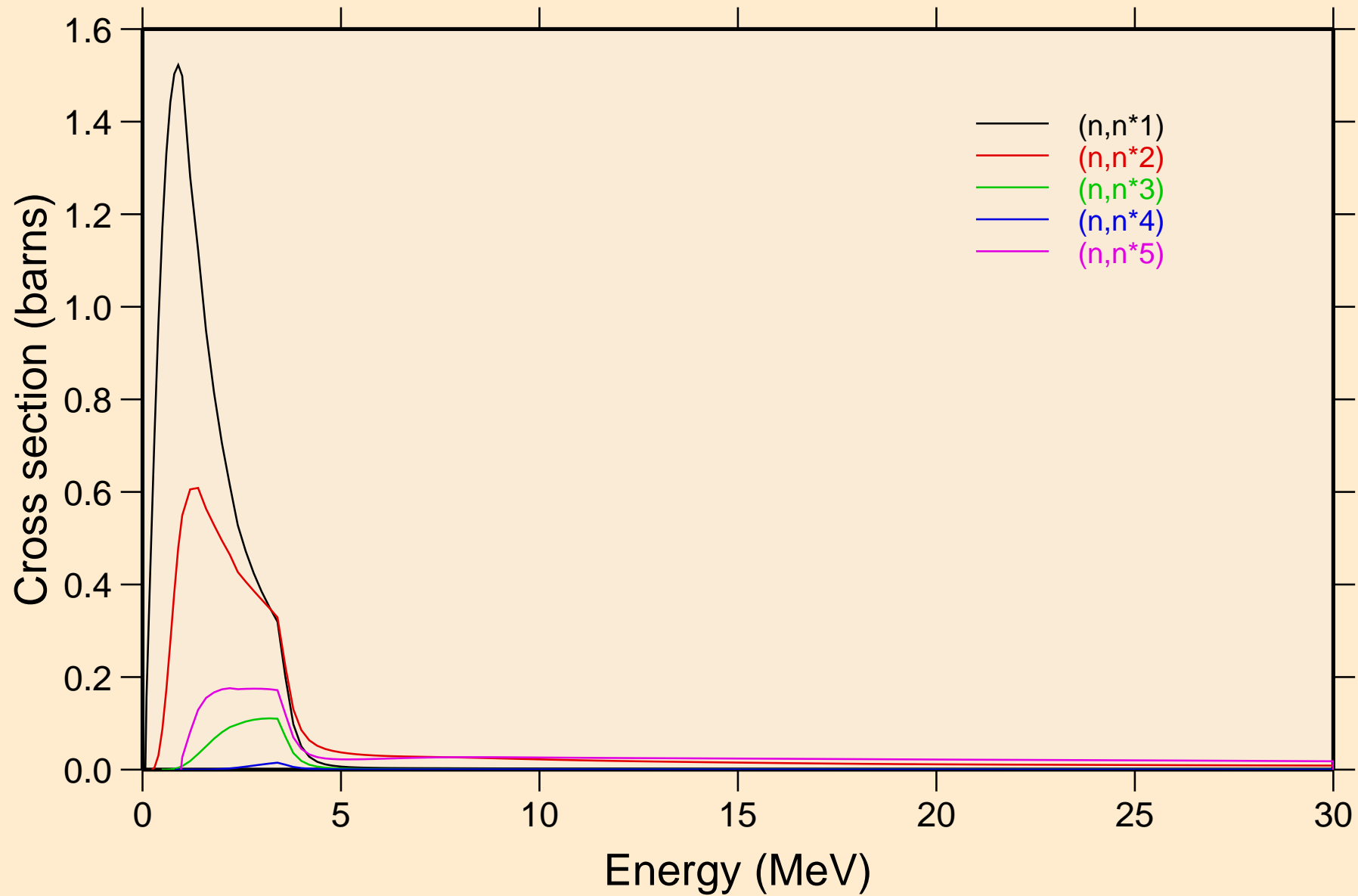
# ND154 NRG TENDL-2015, AKONING

## Non-threshold reactions



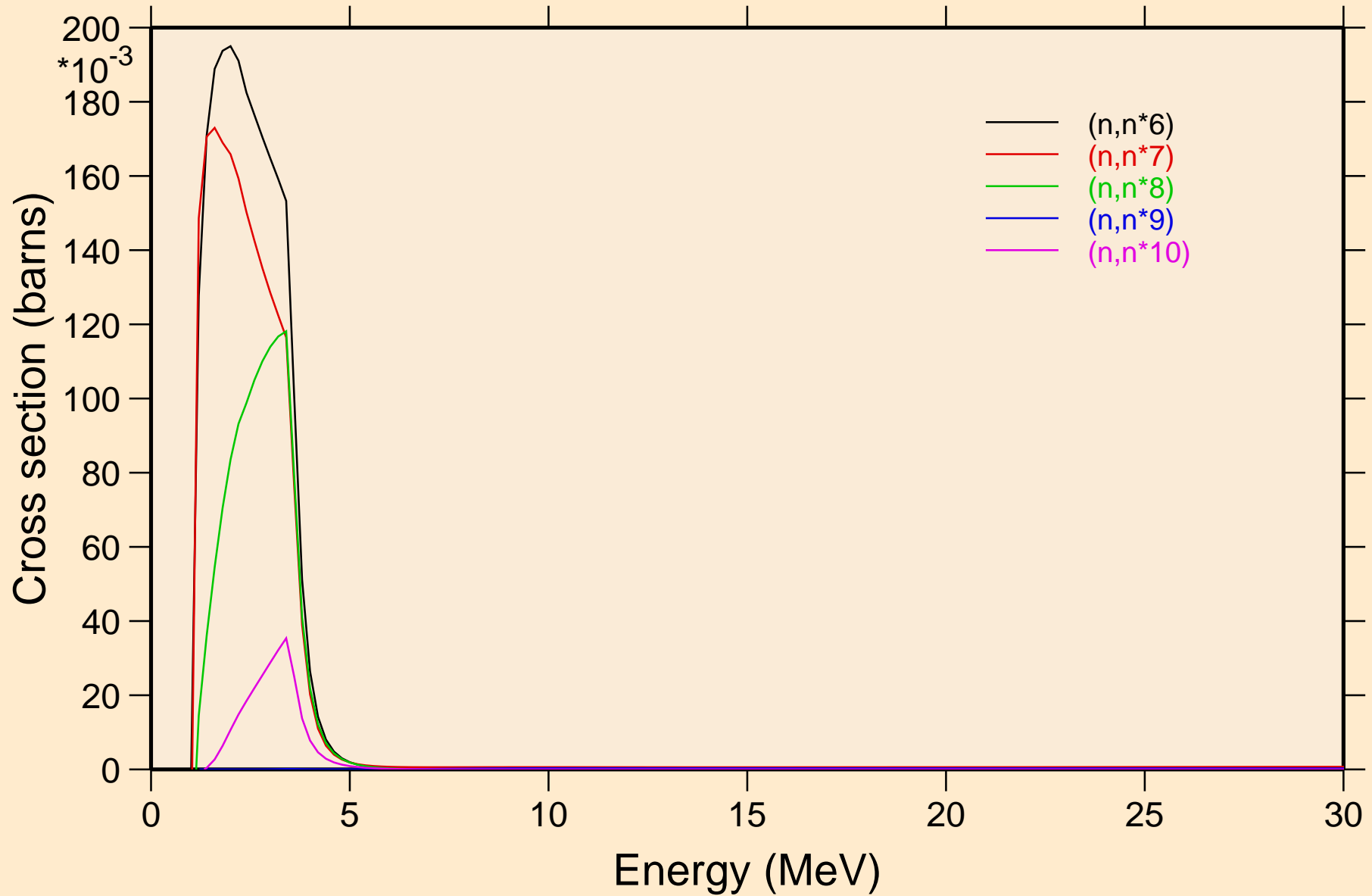
# ND154 NRG TENDL-2015, AKONING

## Inelastic levels



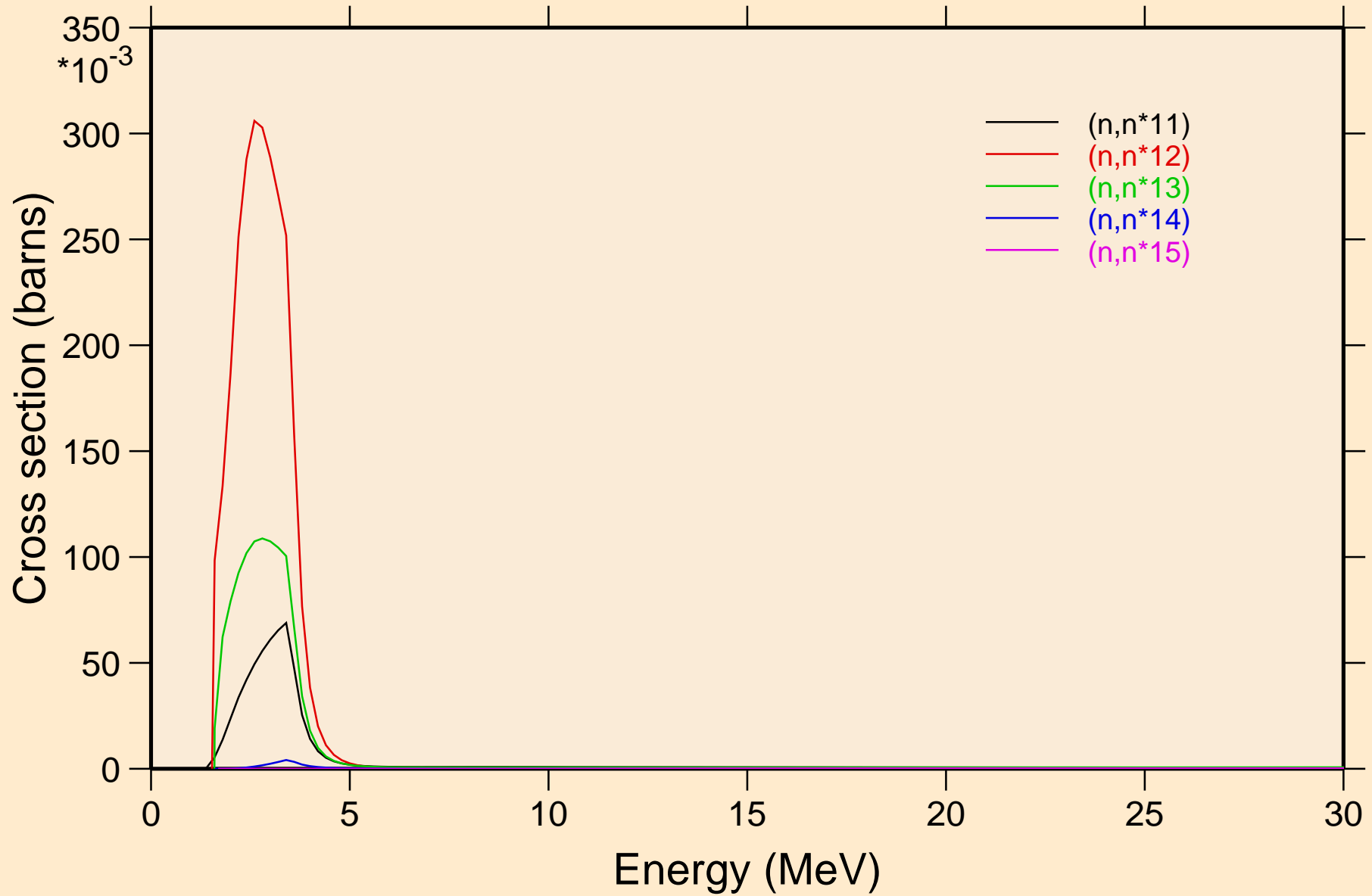
# ND154 NRG TENDL-2015, AKONING

## Inelastic levels



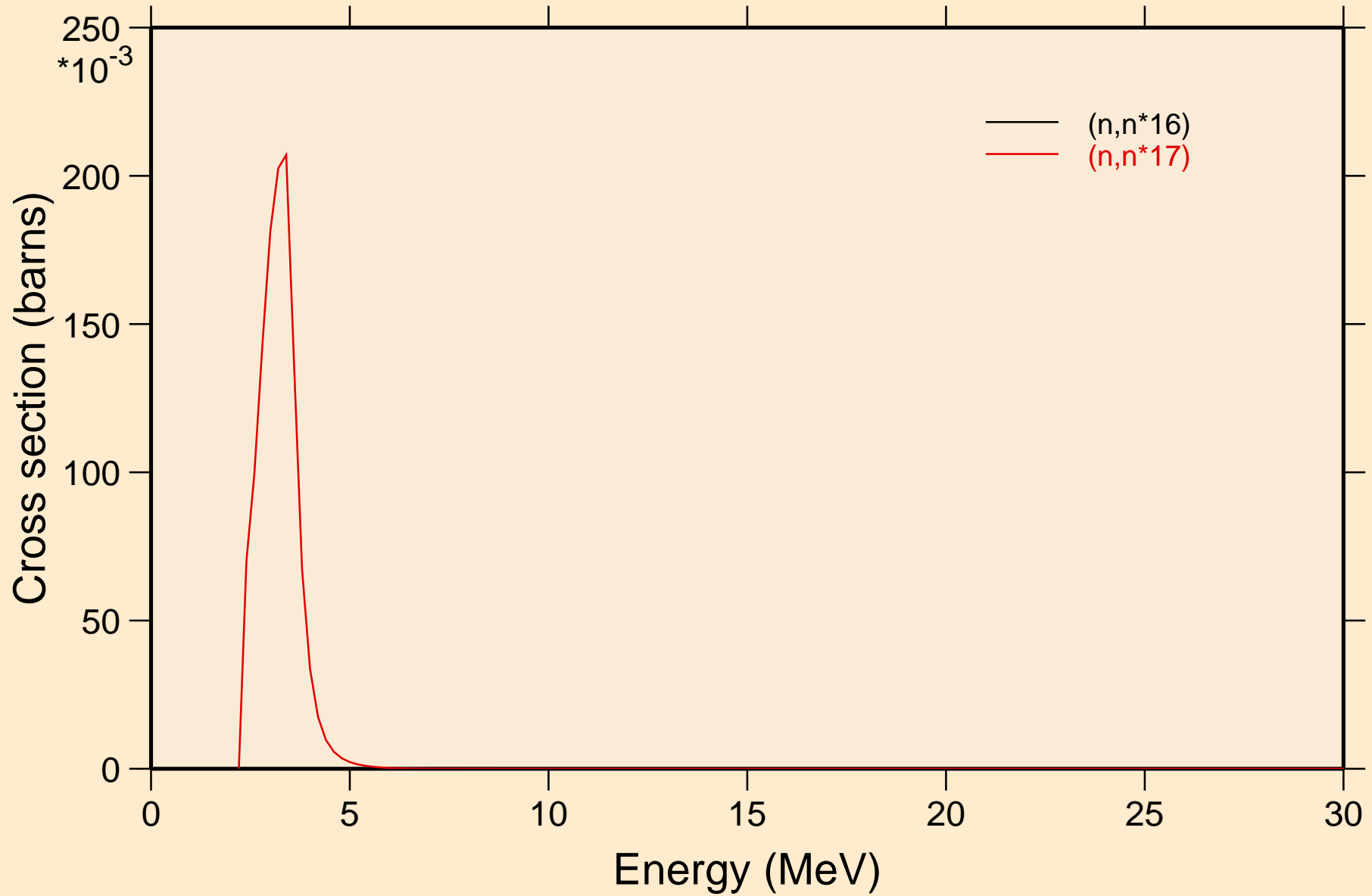
# ND154 NRG TENDL-2015, AKONING

## Inelastic levels



# ND154 NRG TENDL-2015, AKONING

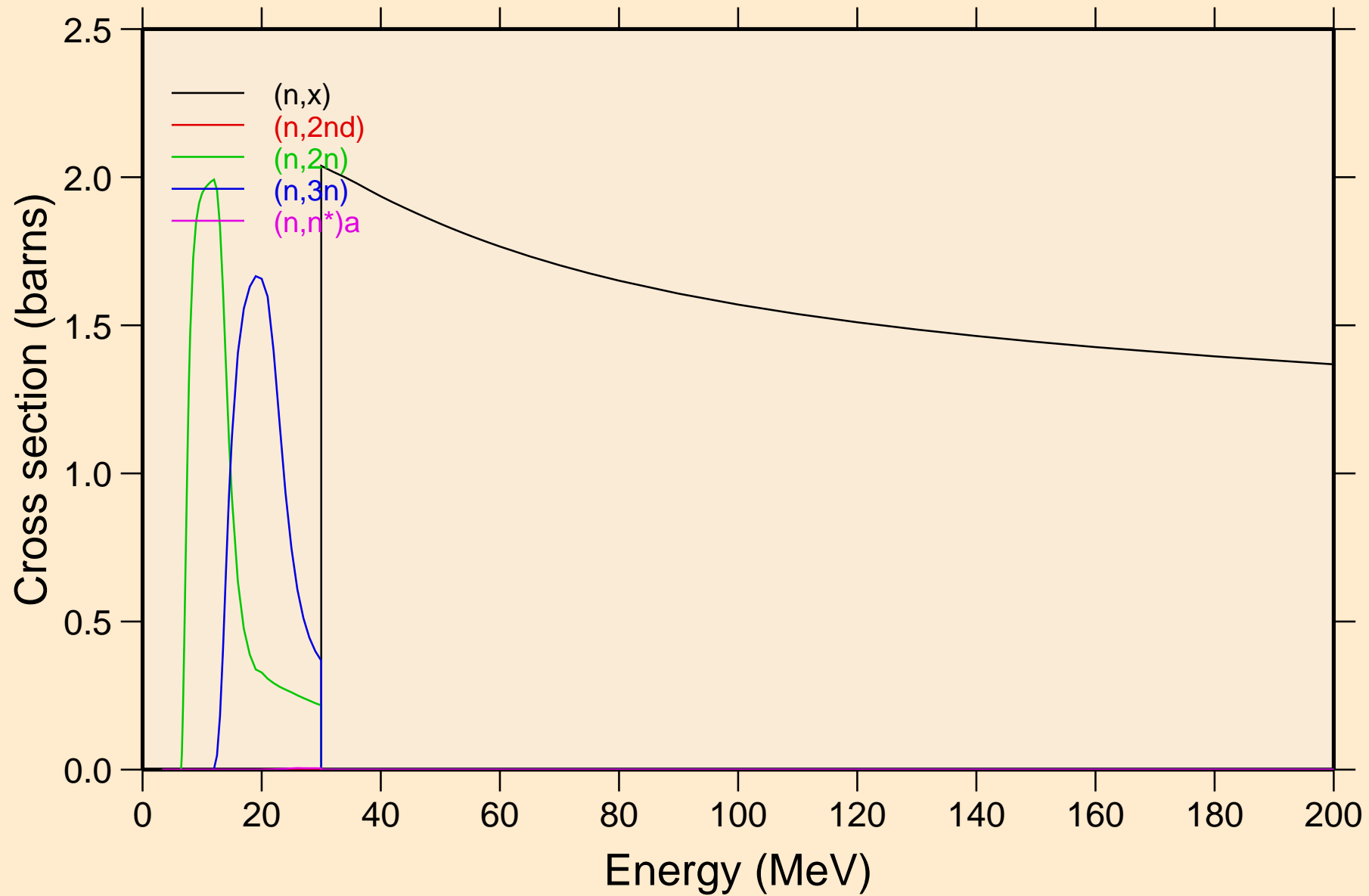
## Inelastic levels





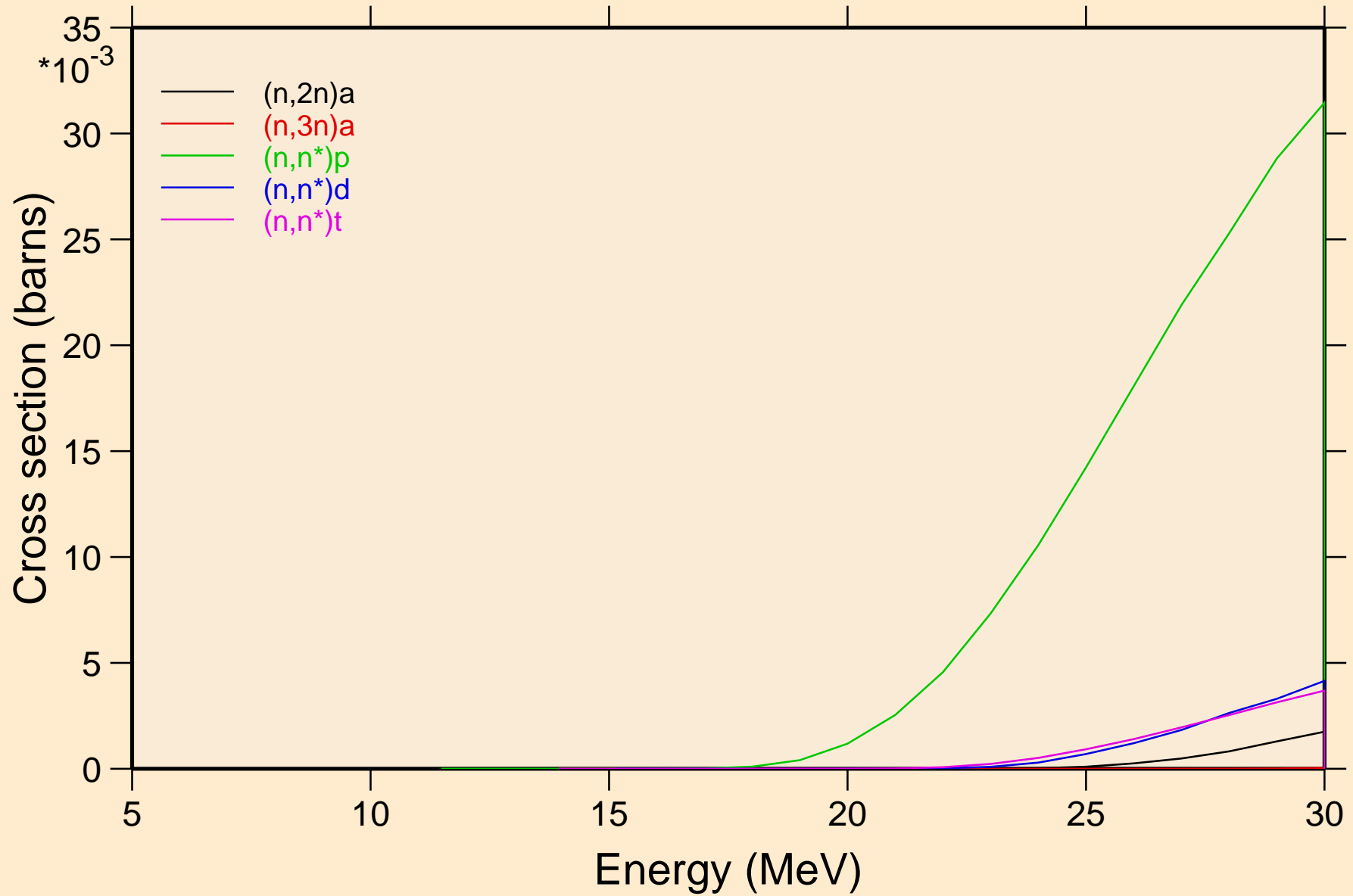
# ND154 NRG TENDL-2015, AKONING

## Threshold reactions



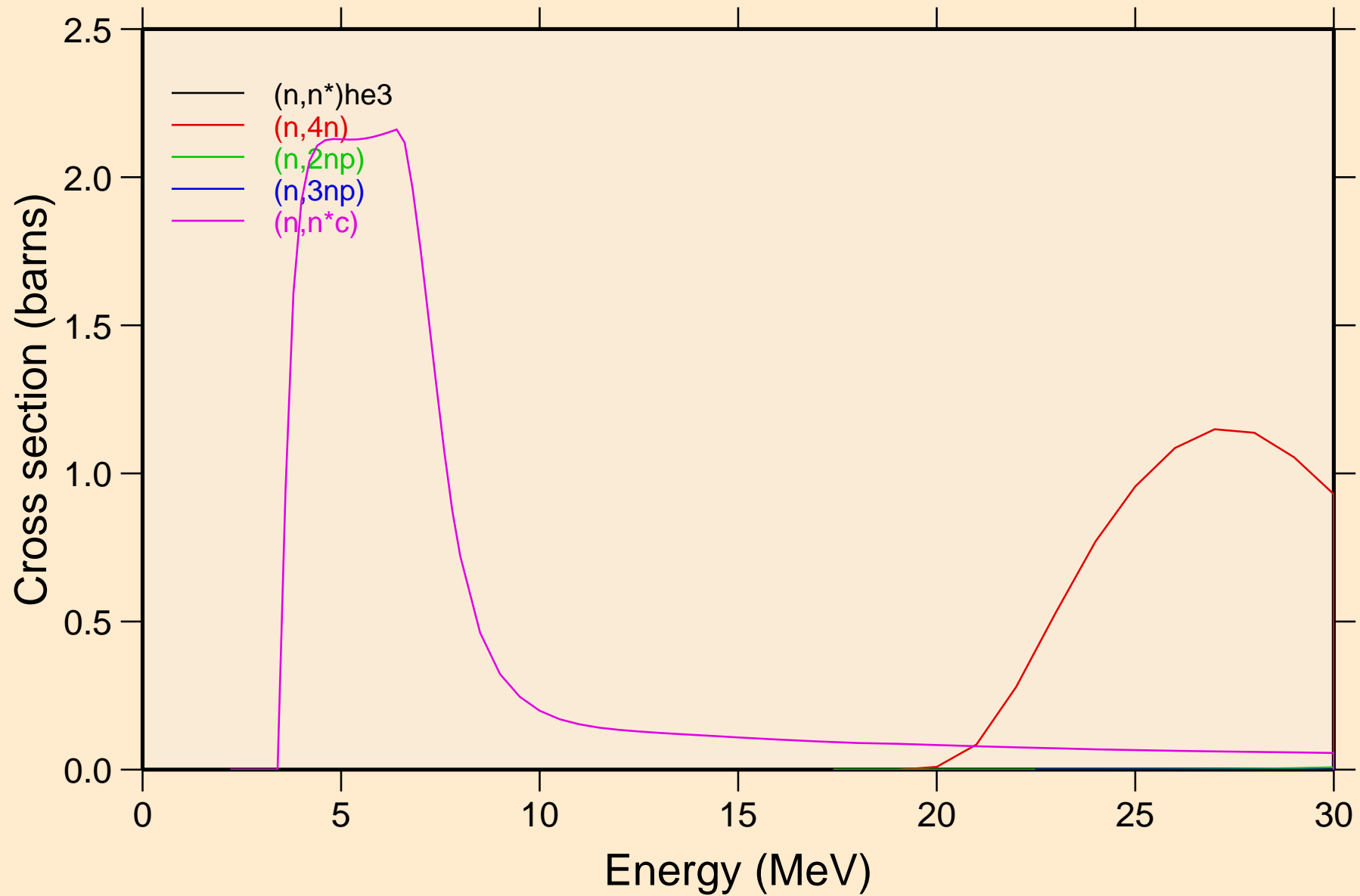
# ND154 NRG TENDL-2015, AKONING

## Threshold reactions



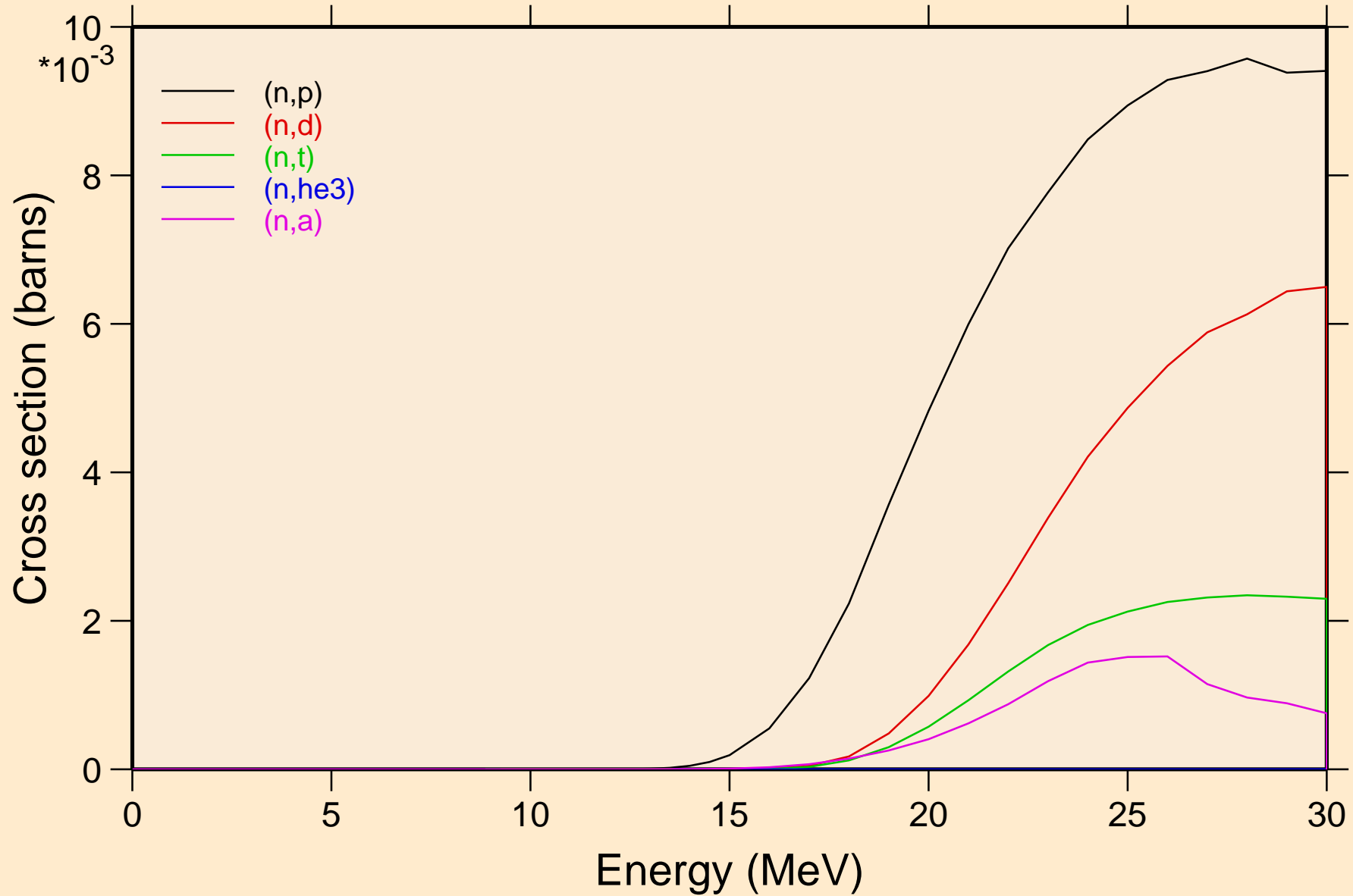
# ND154 NRG TENDL-2015, AKONING

## Threshold reactions

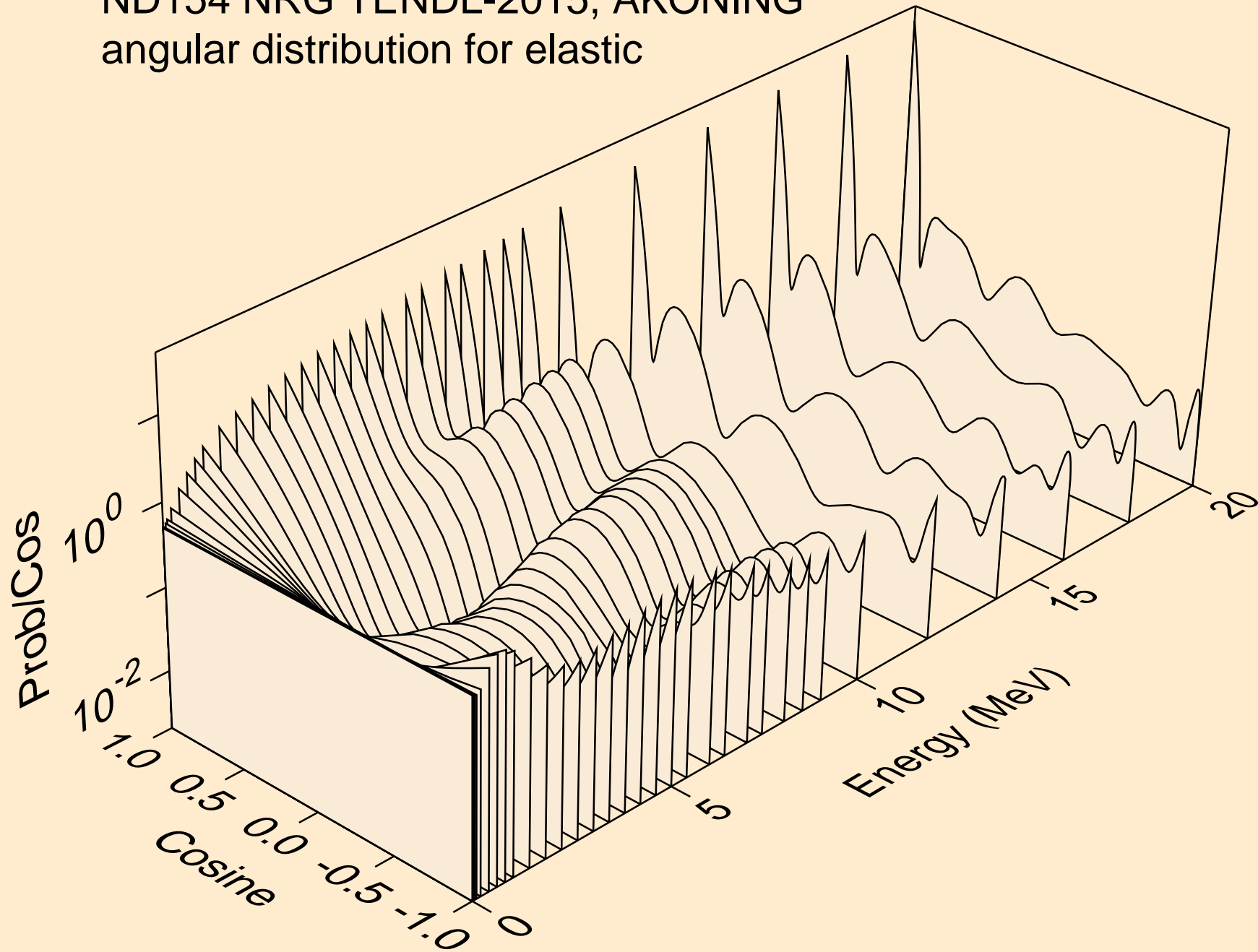


# ND154 NRG TENDL-2015, AKONING

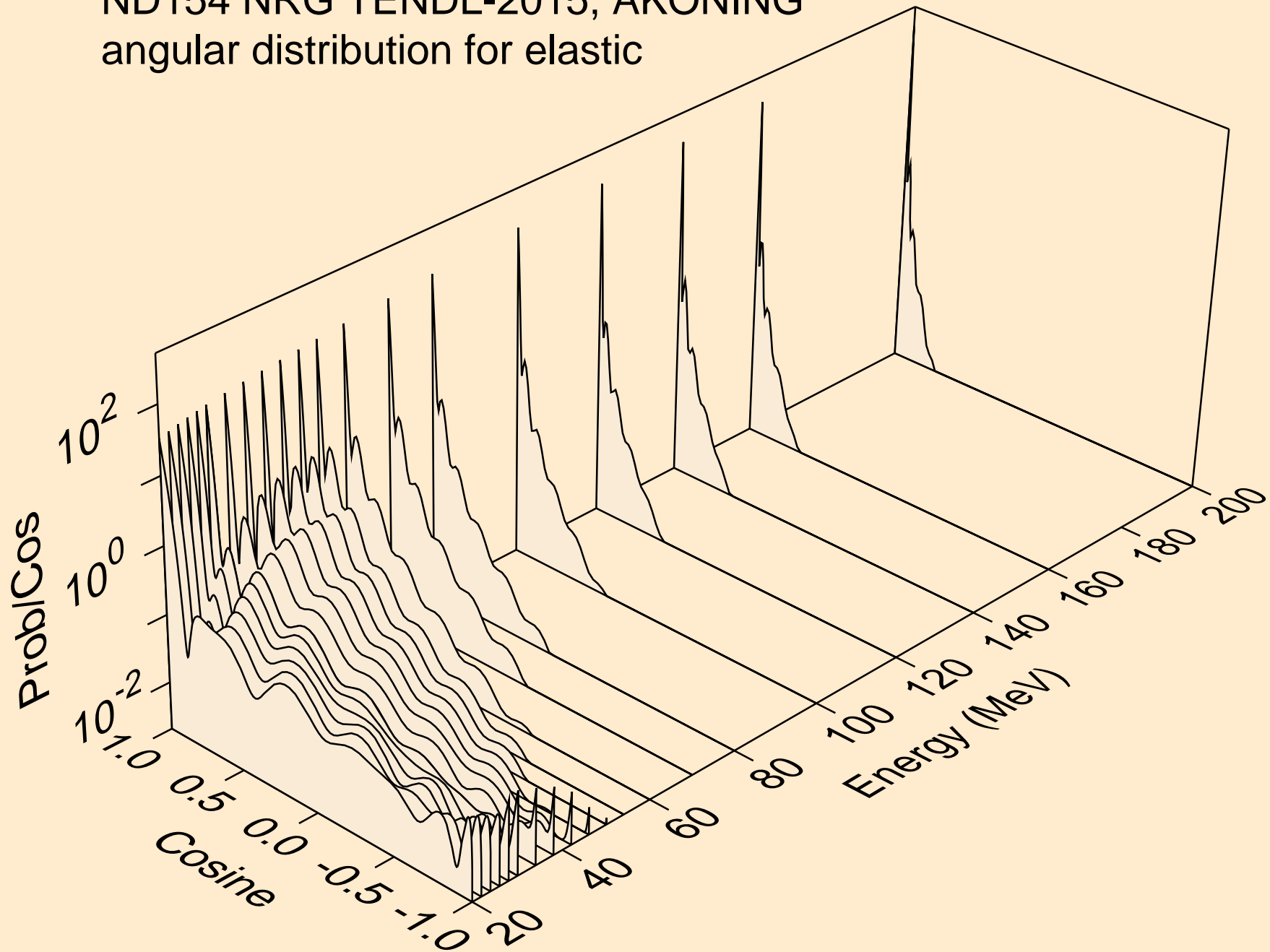
## Threshold reactions



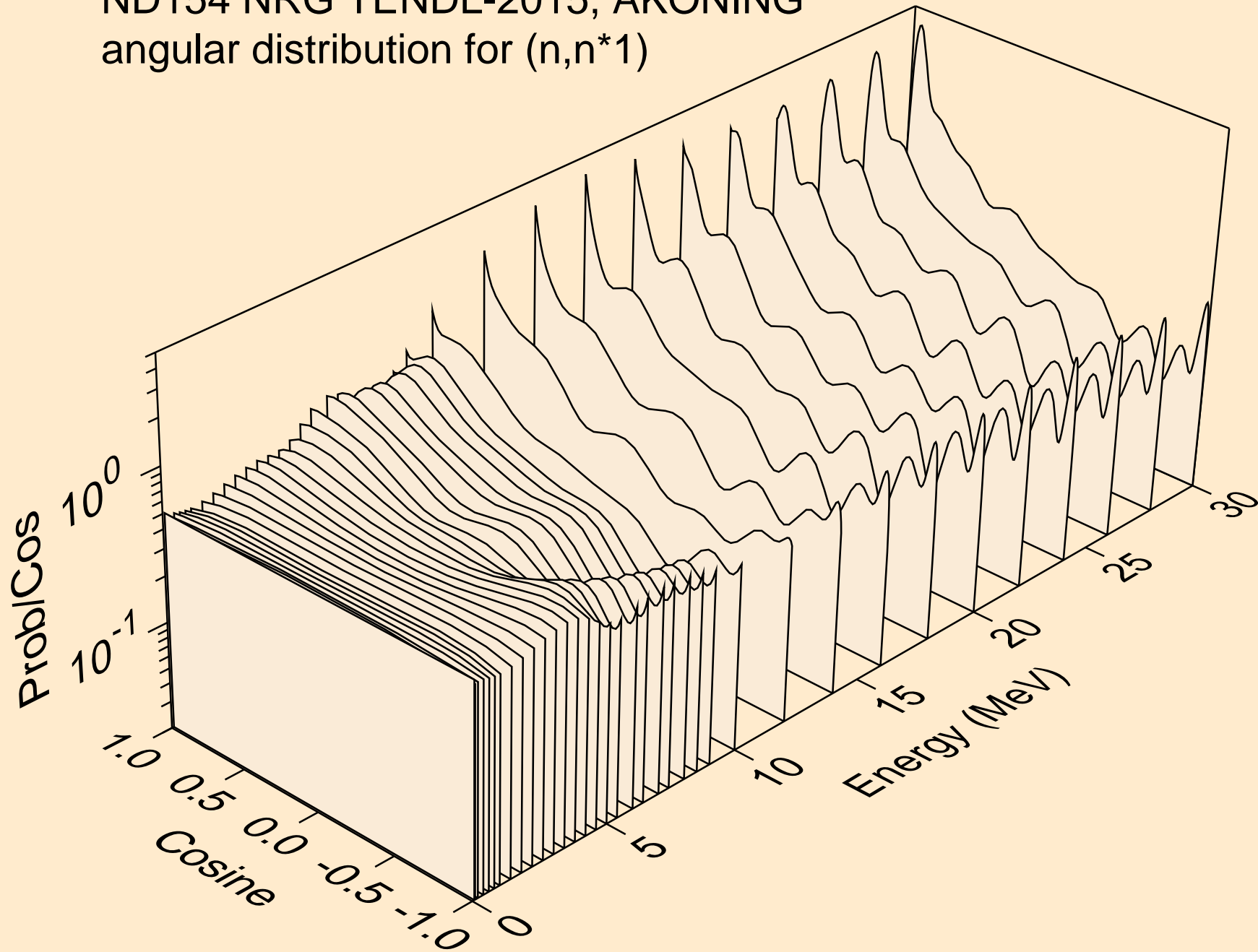
ND154 NRG TENDL-2015, AKONING  
angular distribution for elastic



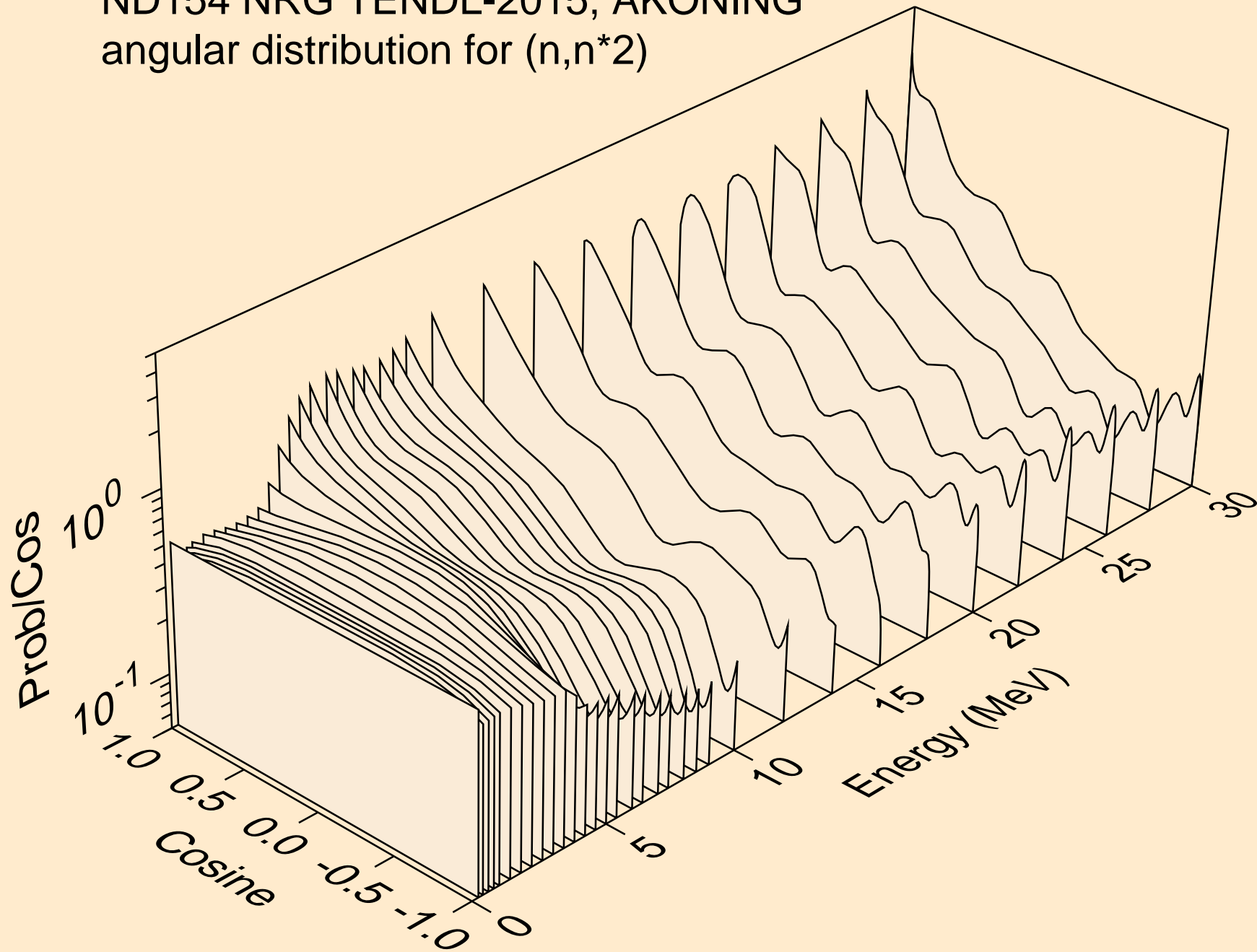
ND154 NRG TENDL-2015, AKONING  
angular distribution for elastic



ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

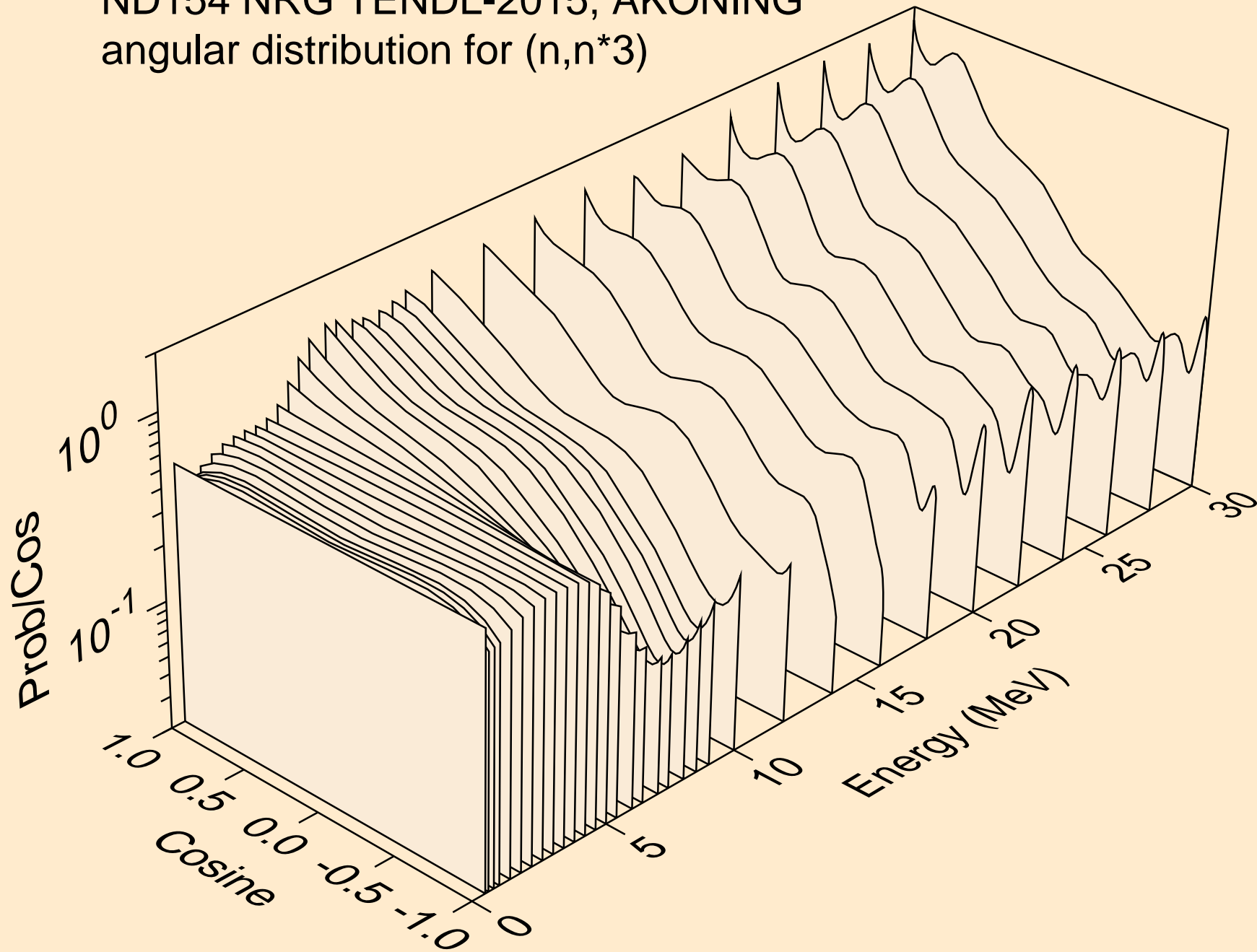


ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

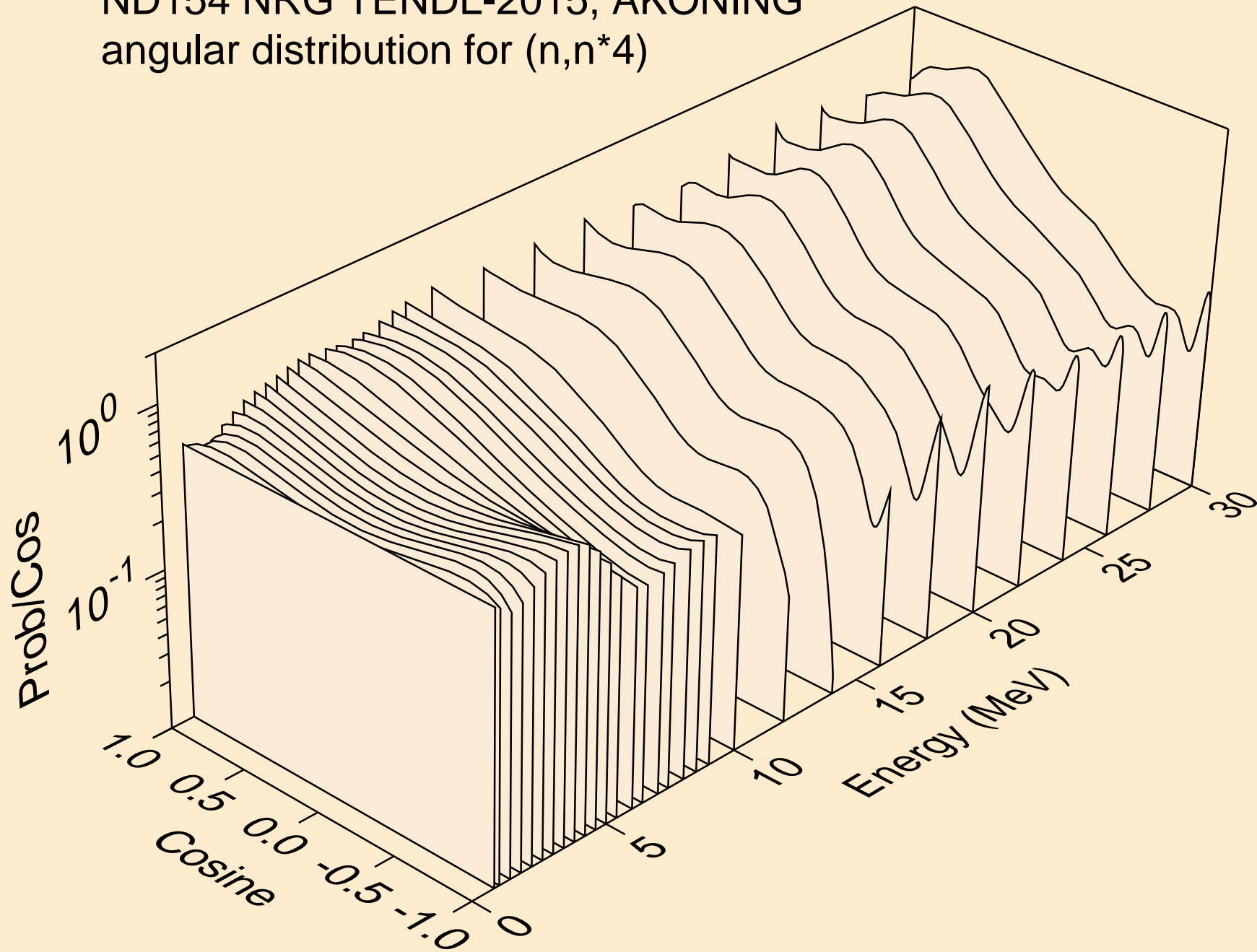




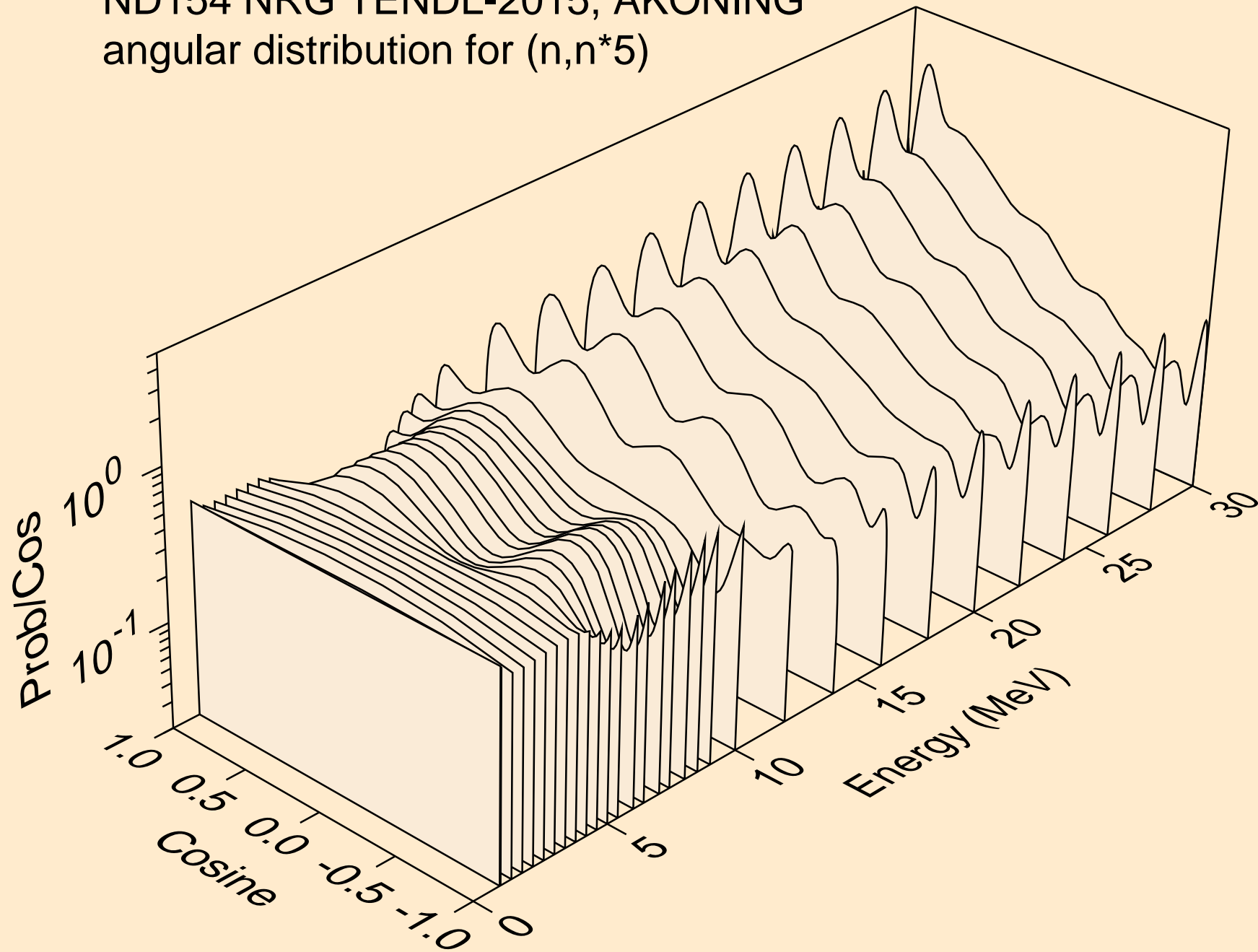
ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



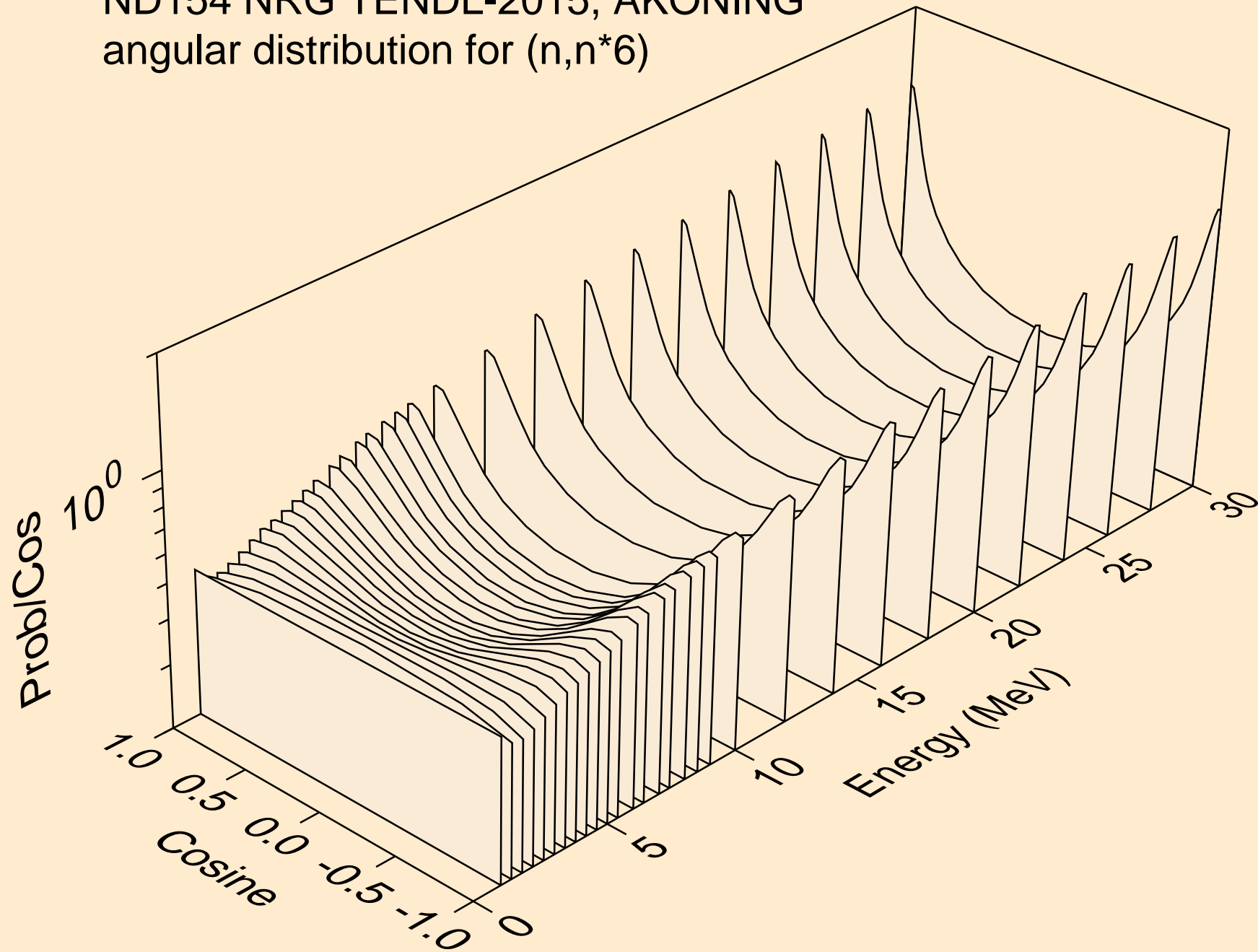
ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



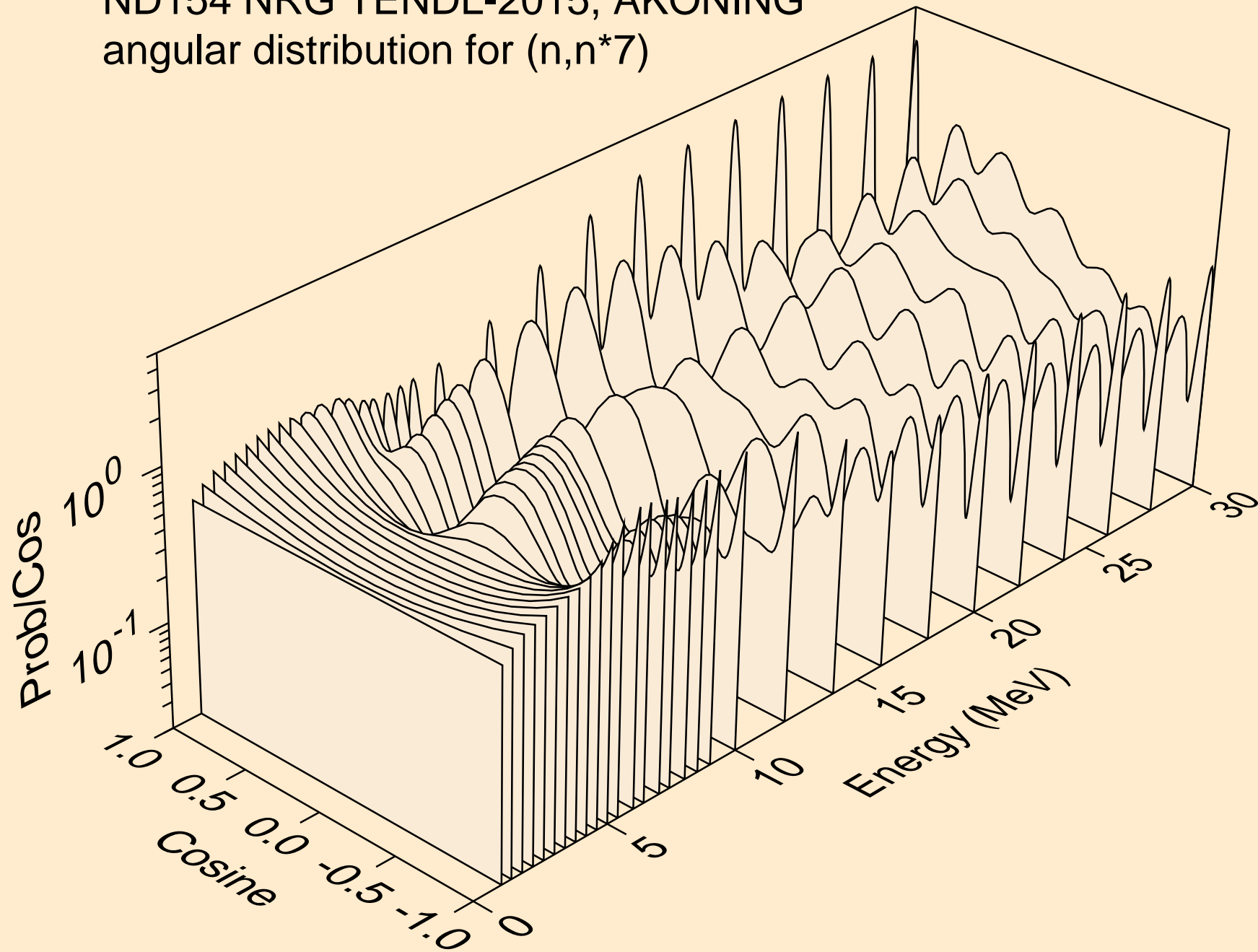
ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



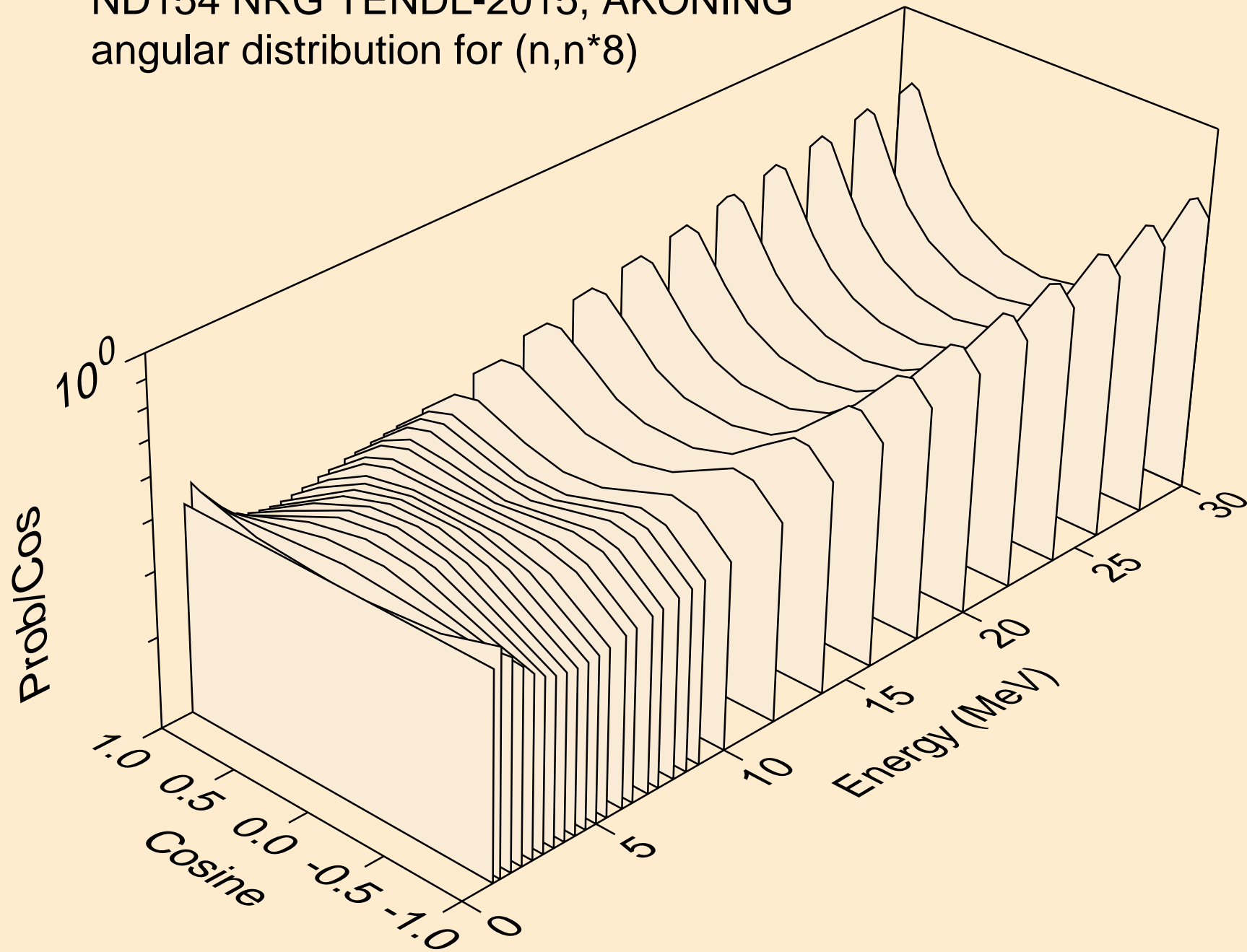
ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



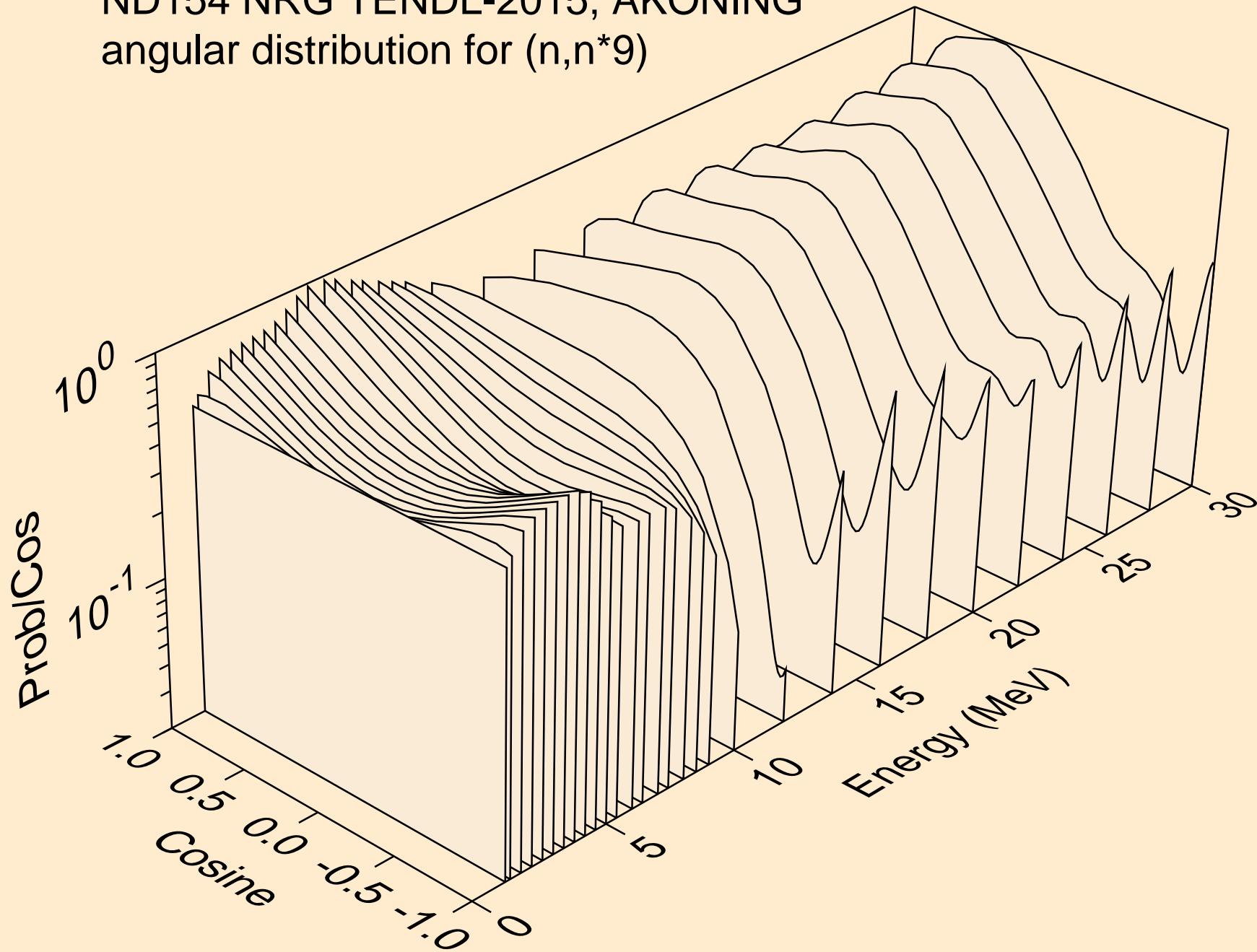
ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



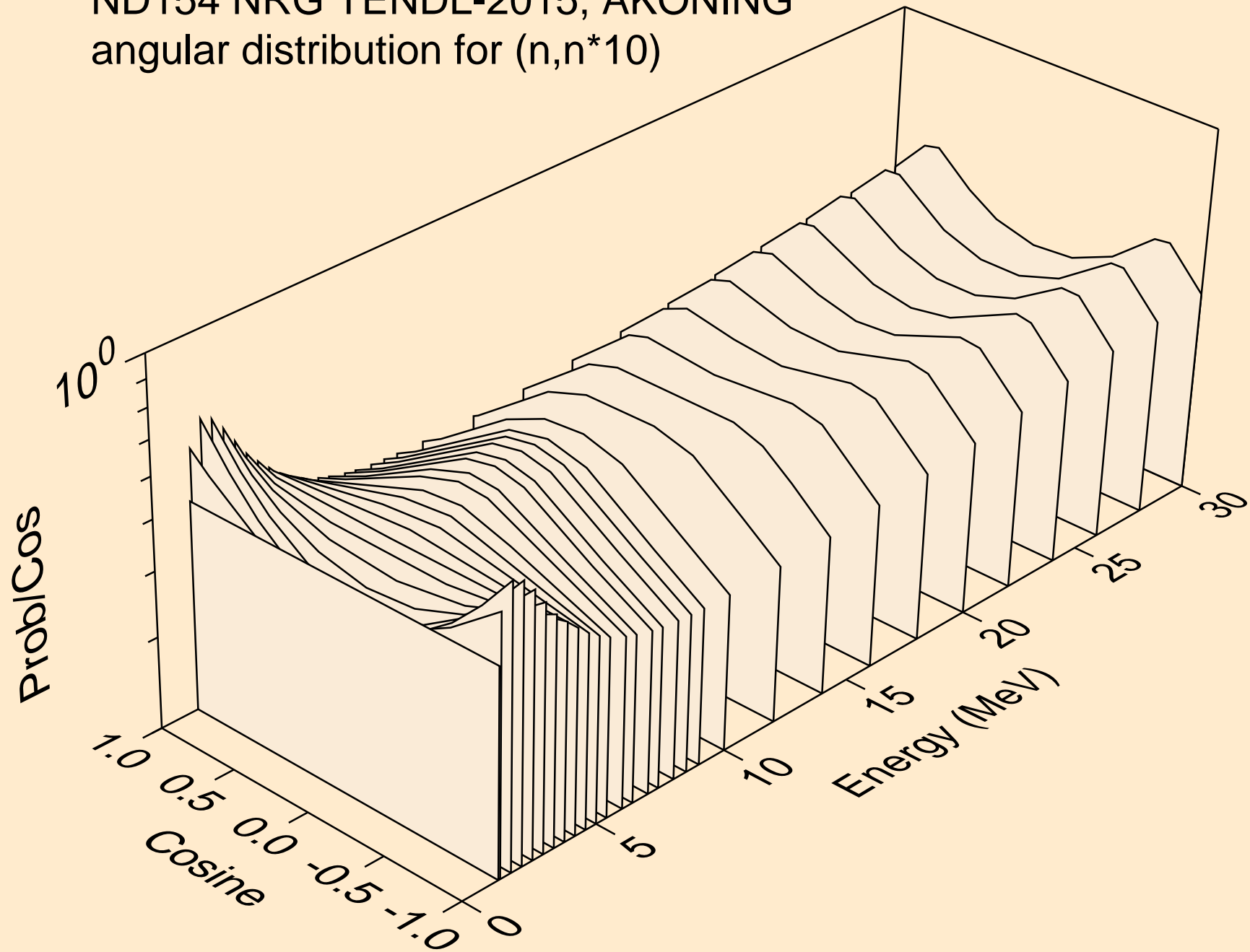
ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

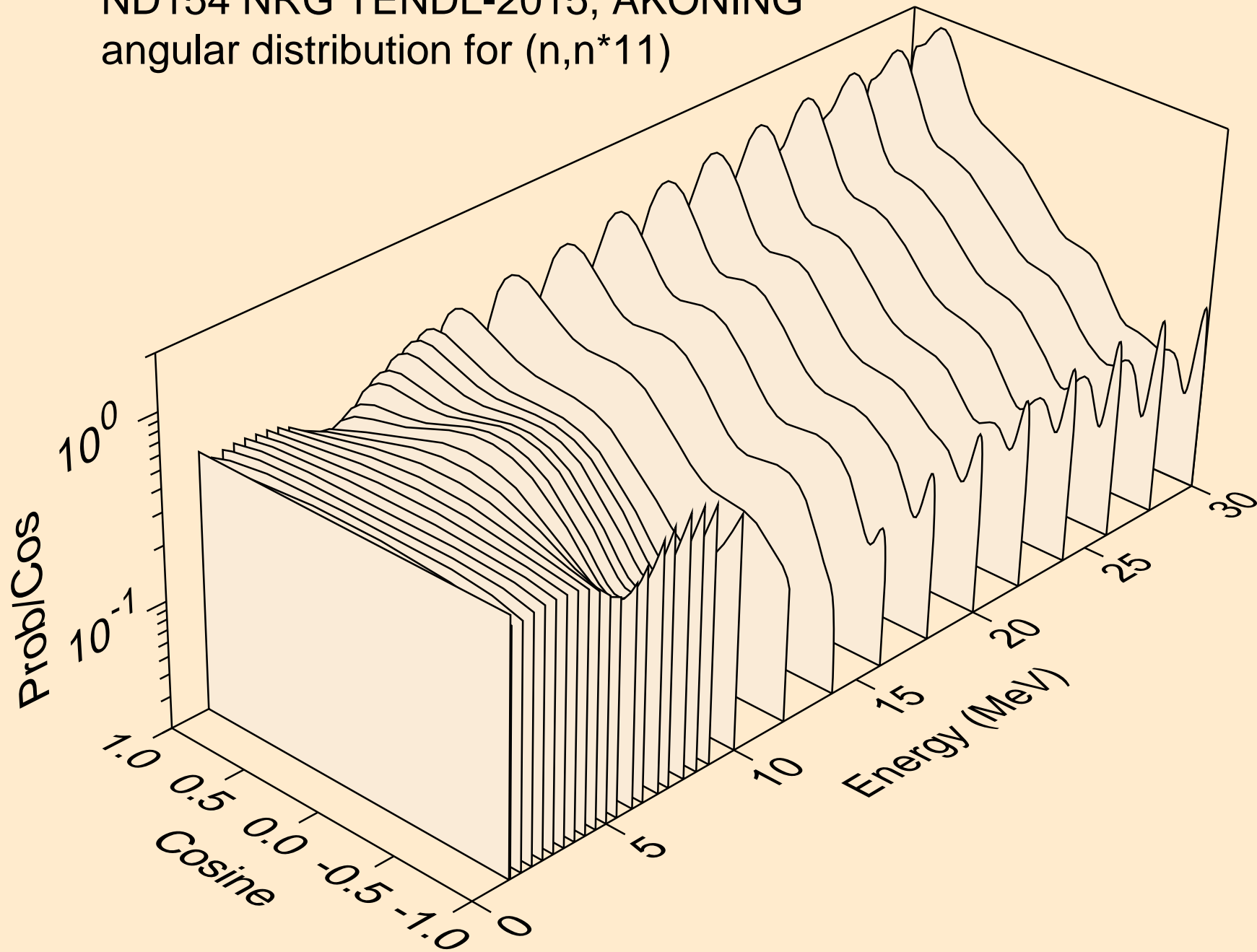


ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)

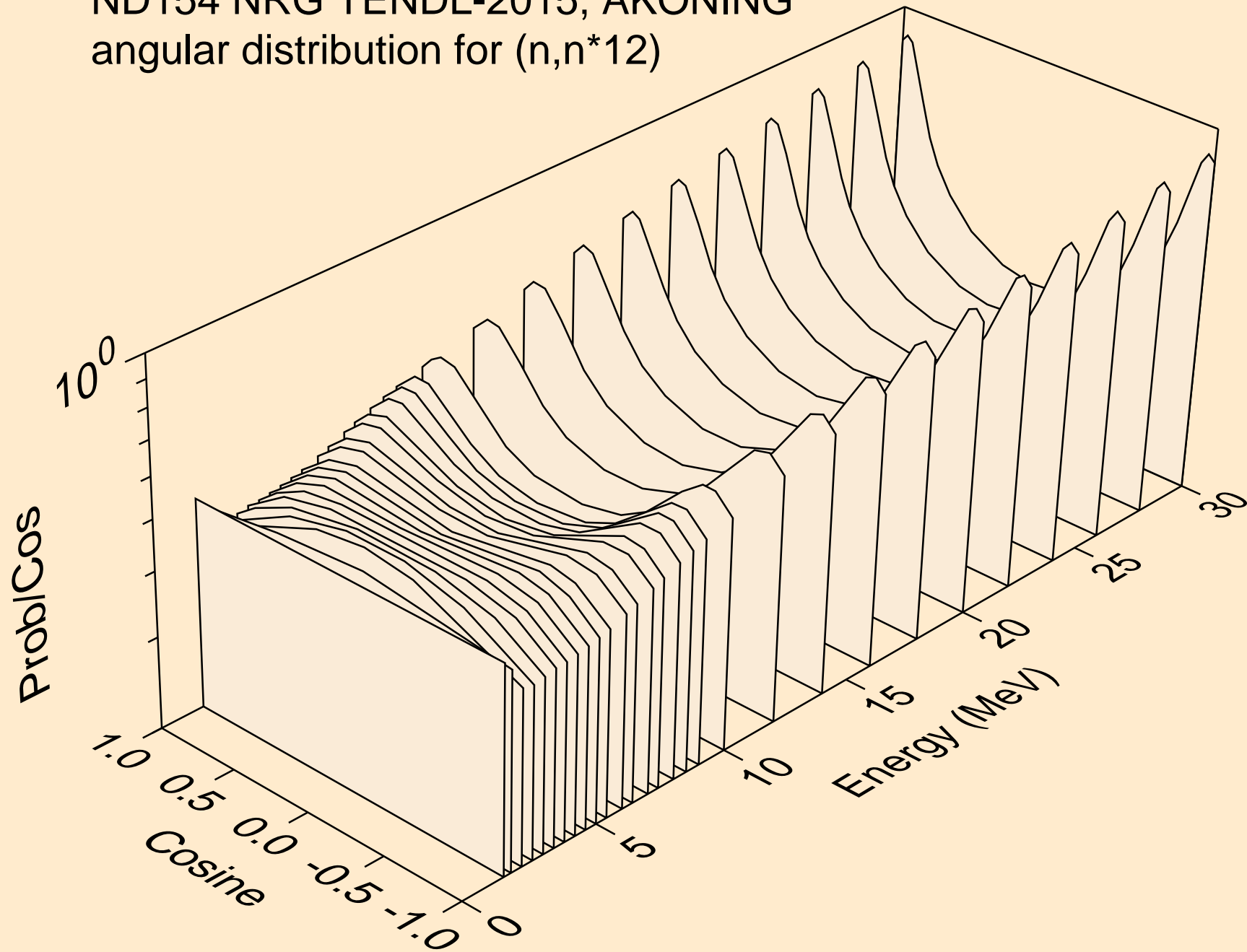




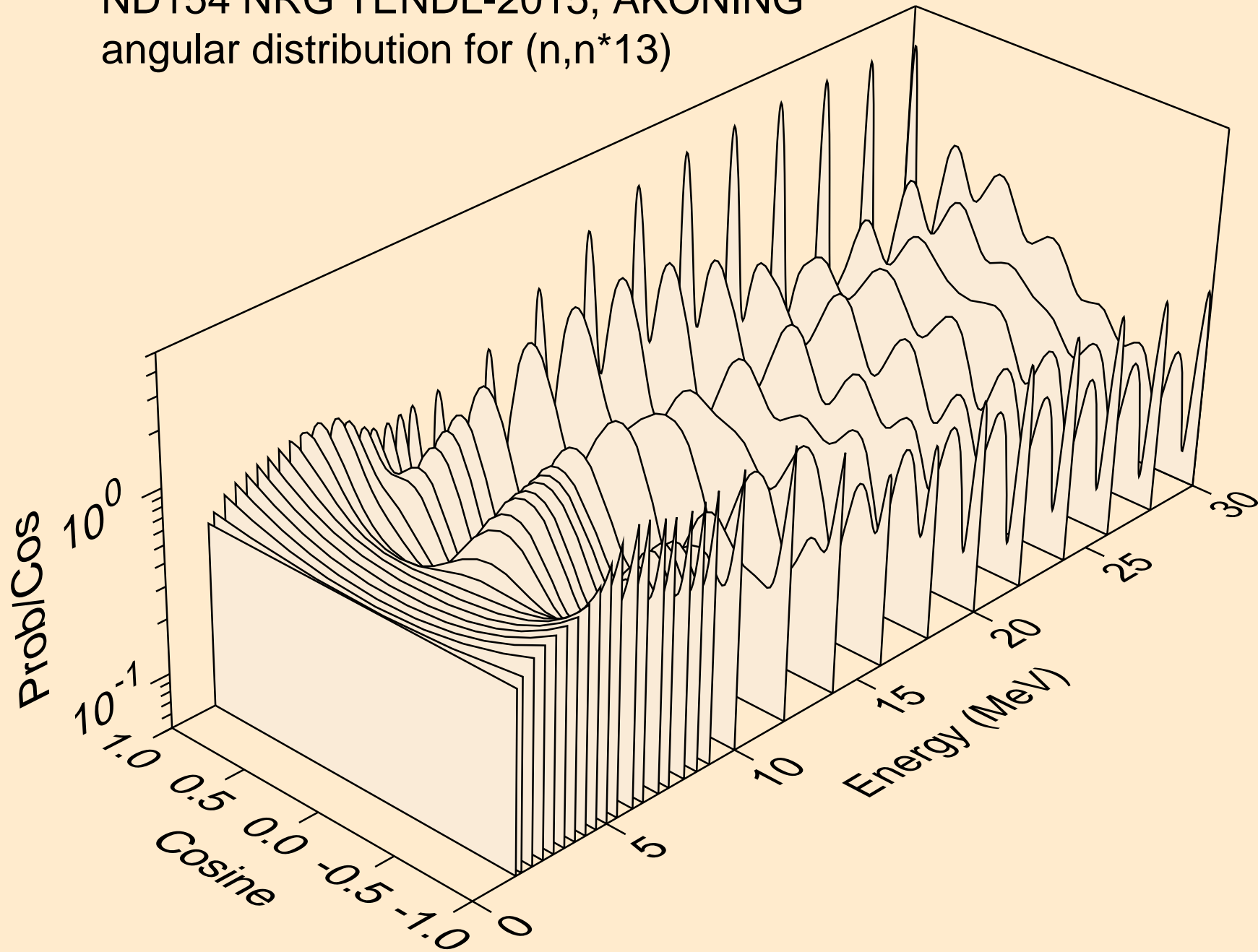
ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



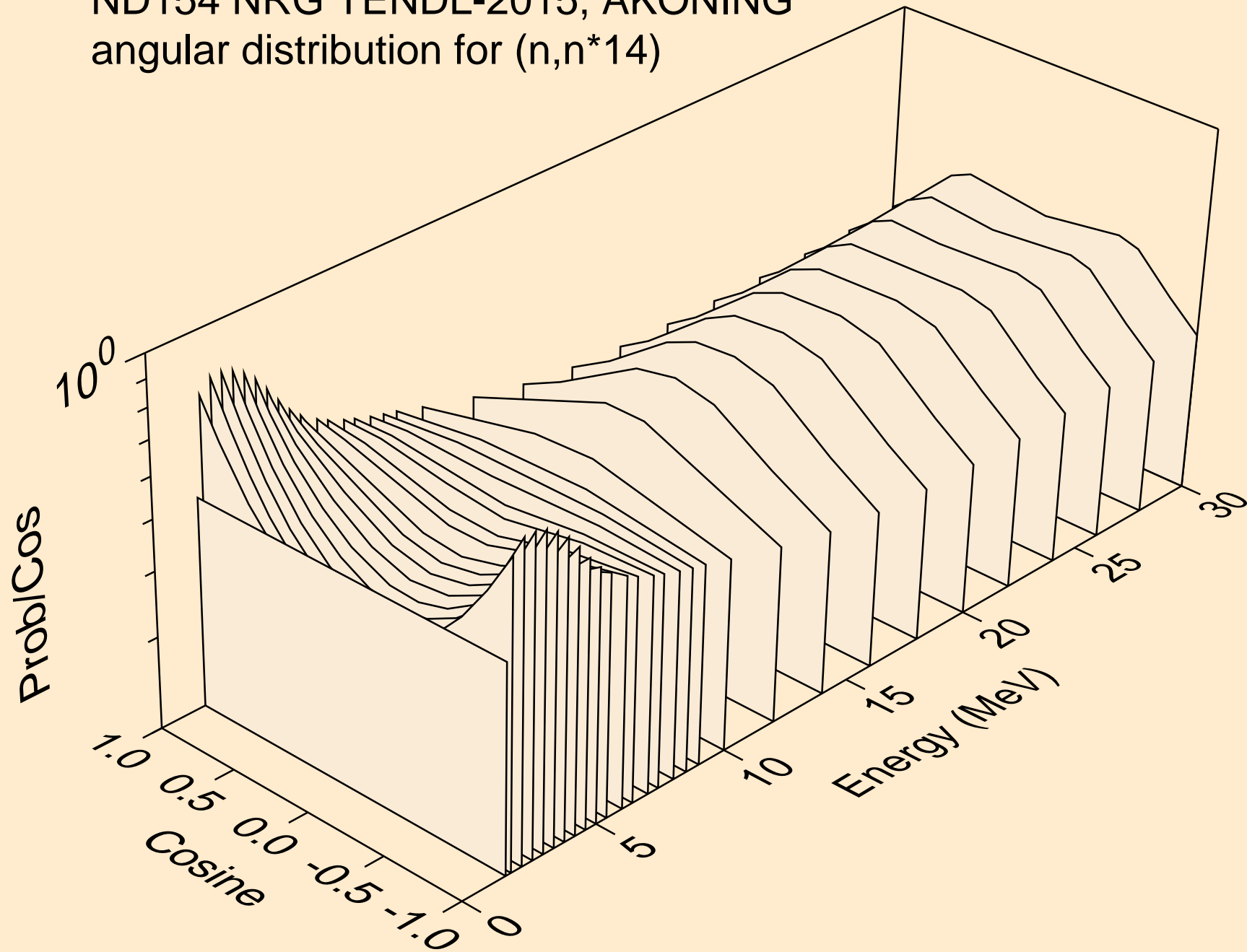
ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



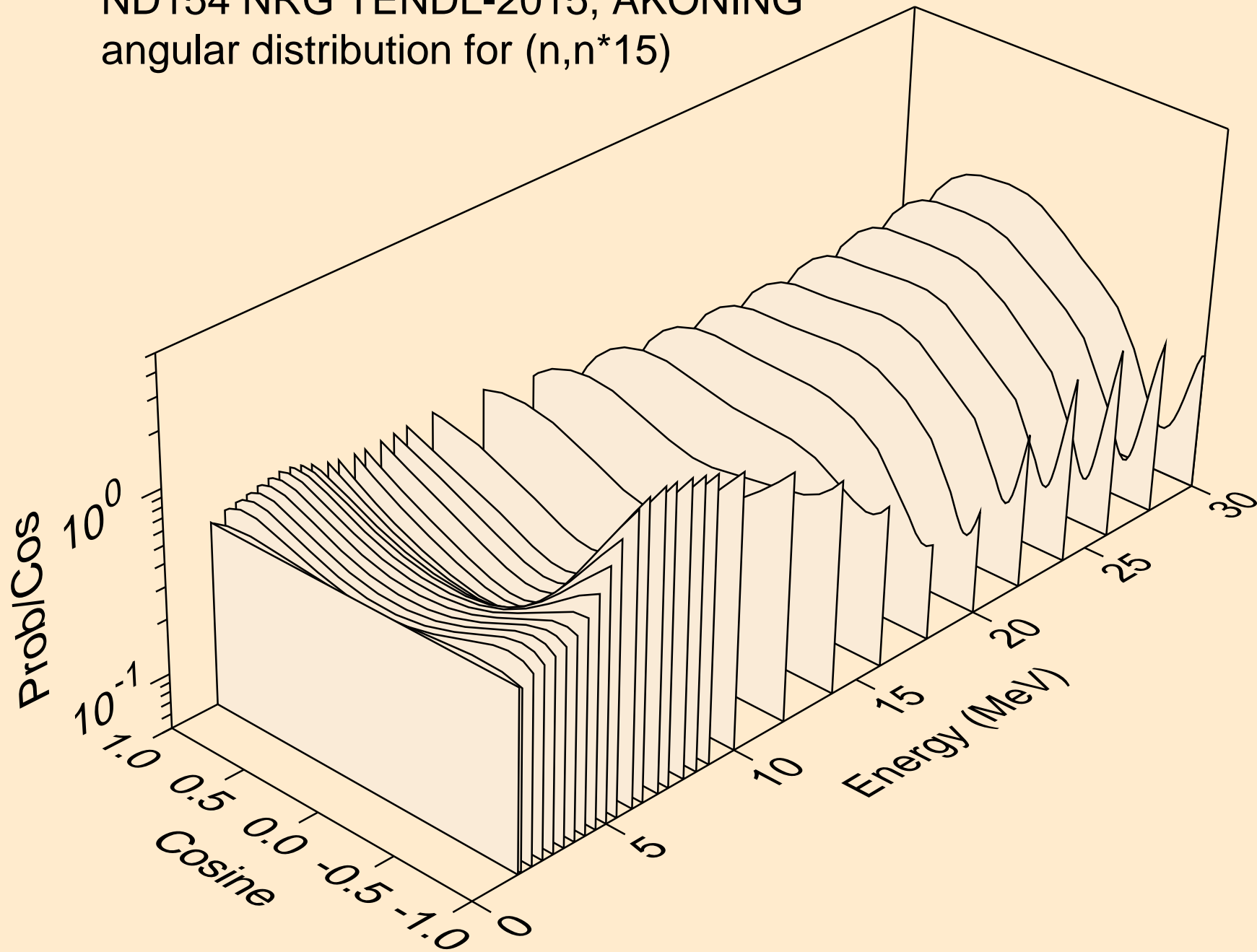
ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



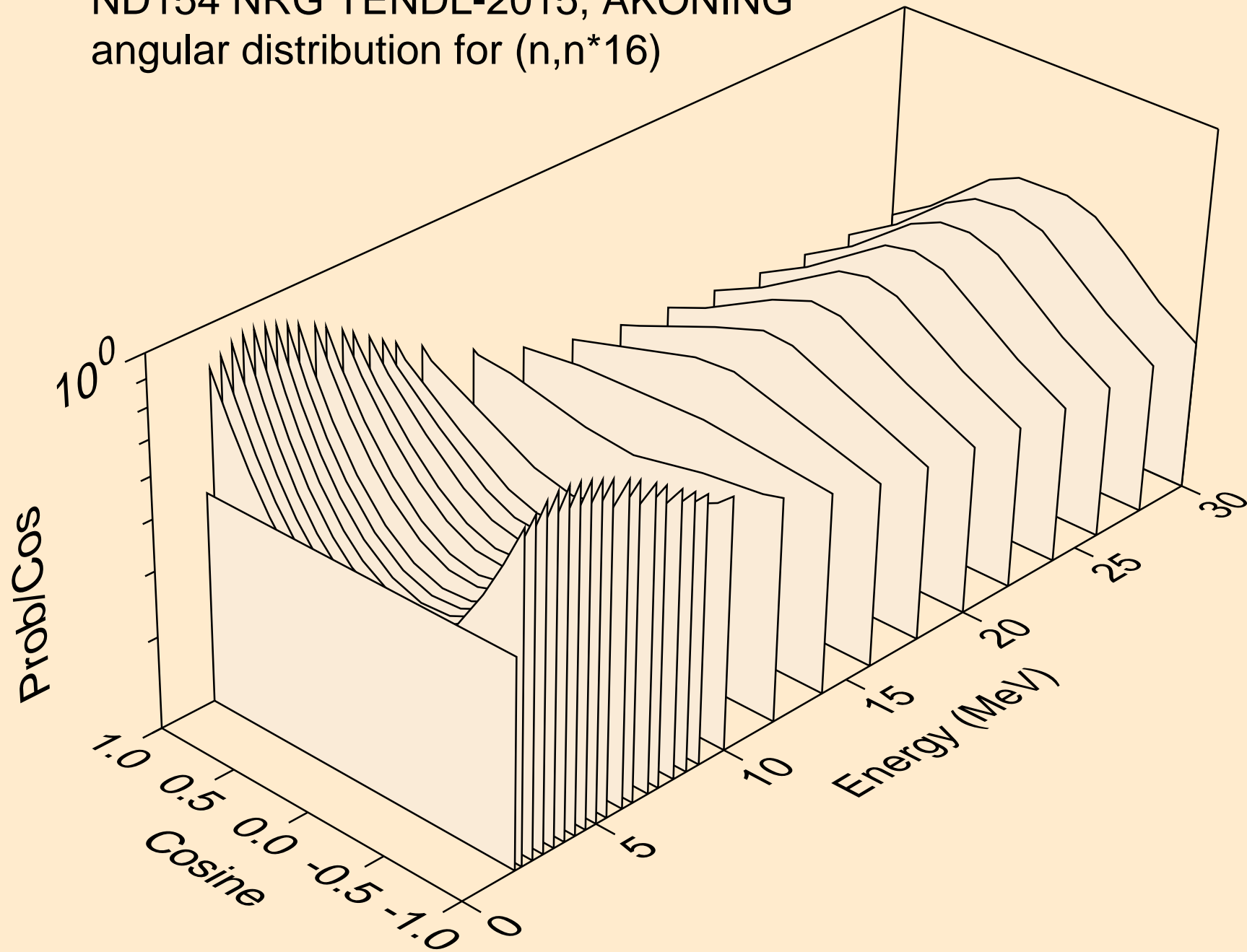
ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



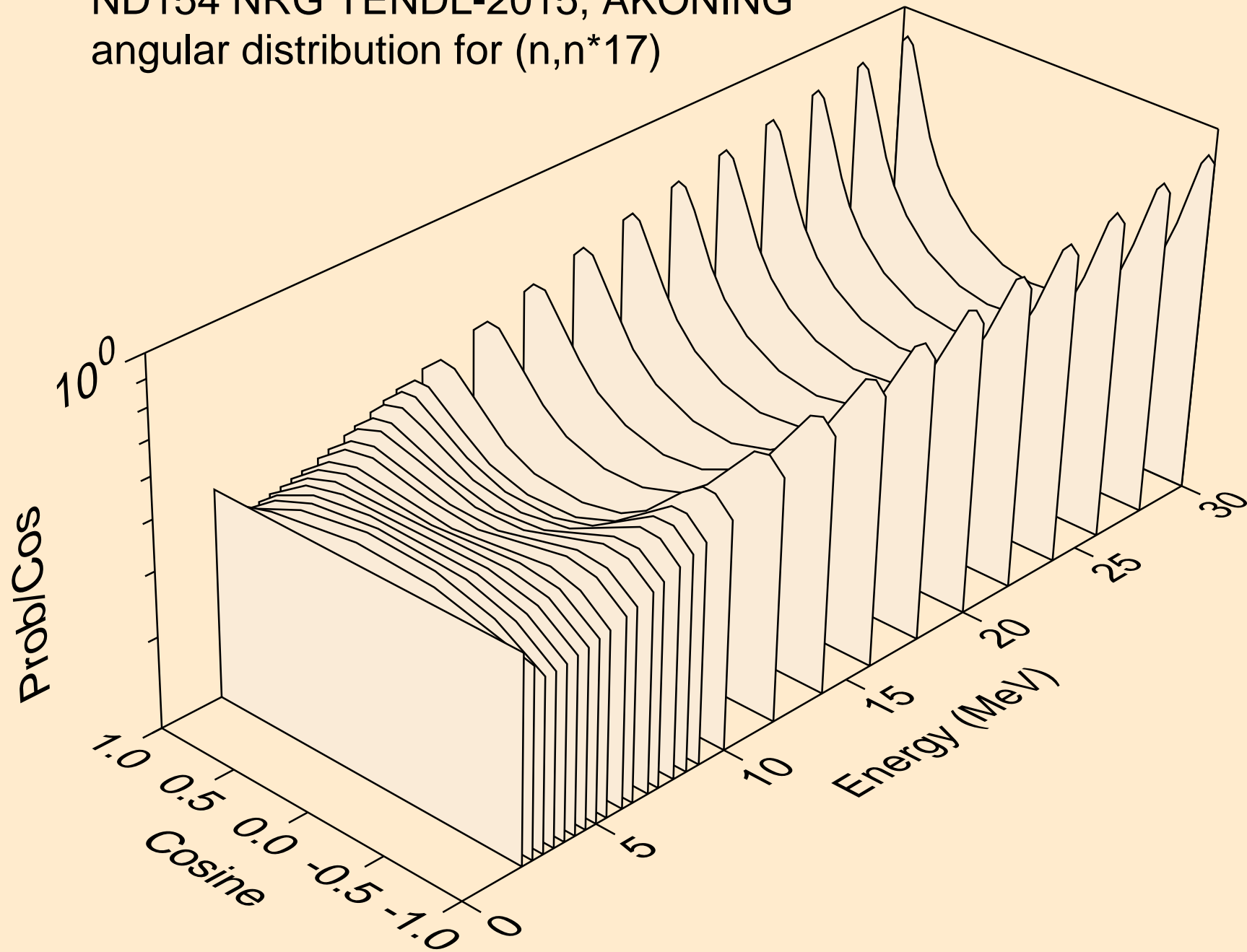
ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



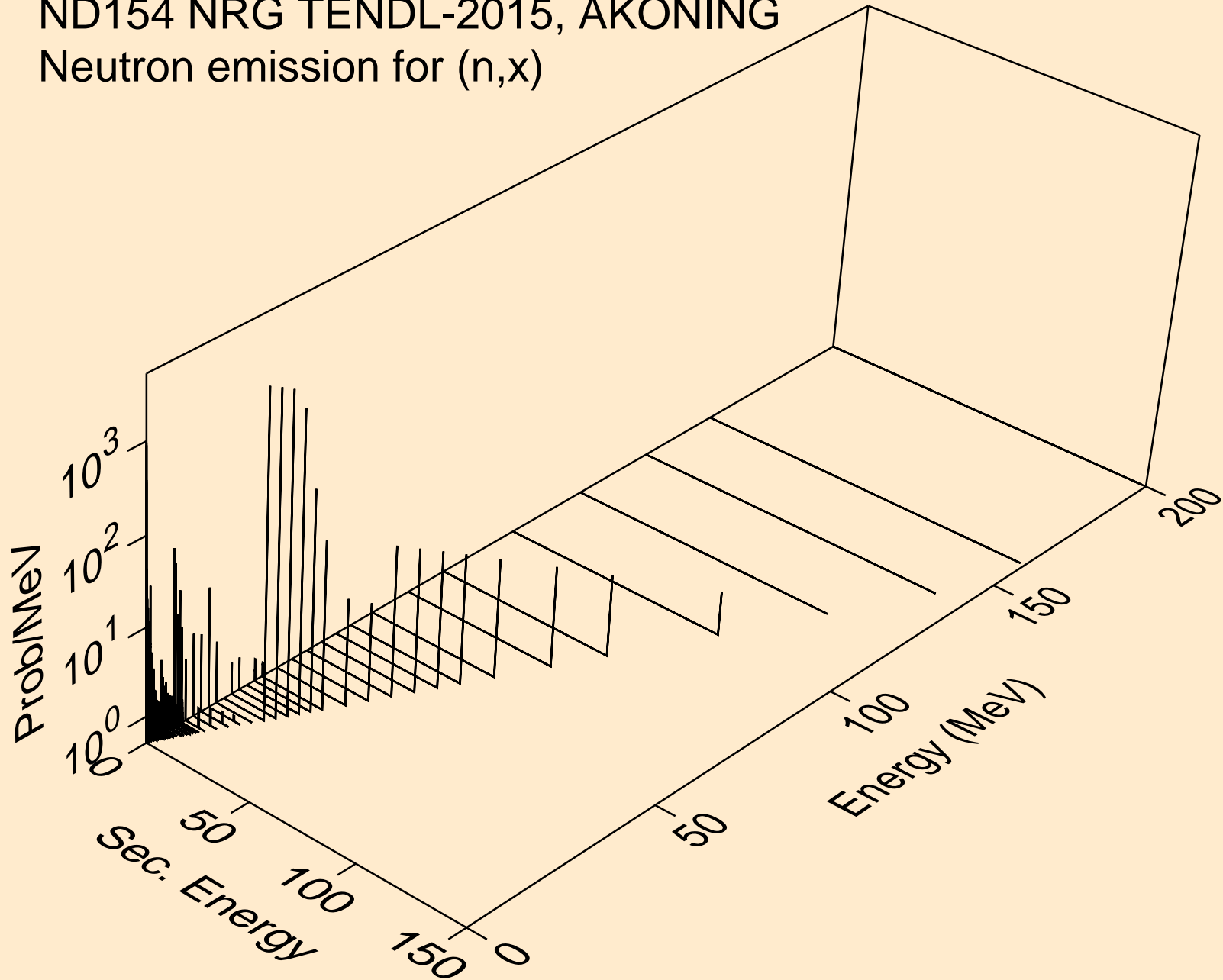
ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



ND154 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

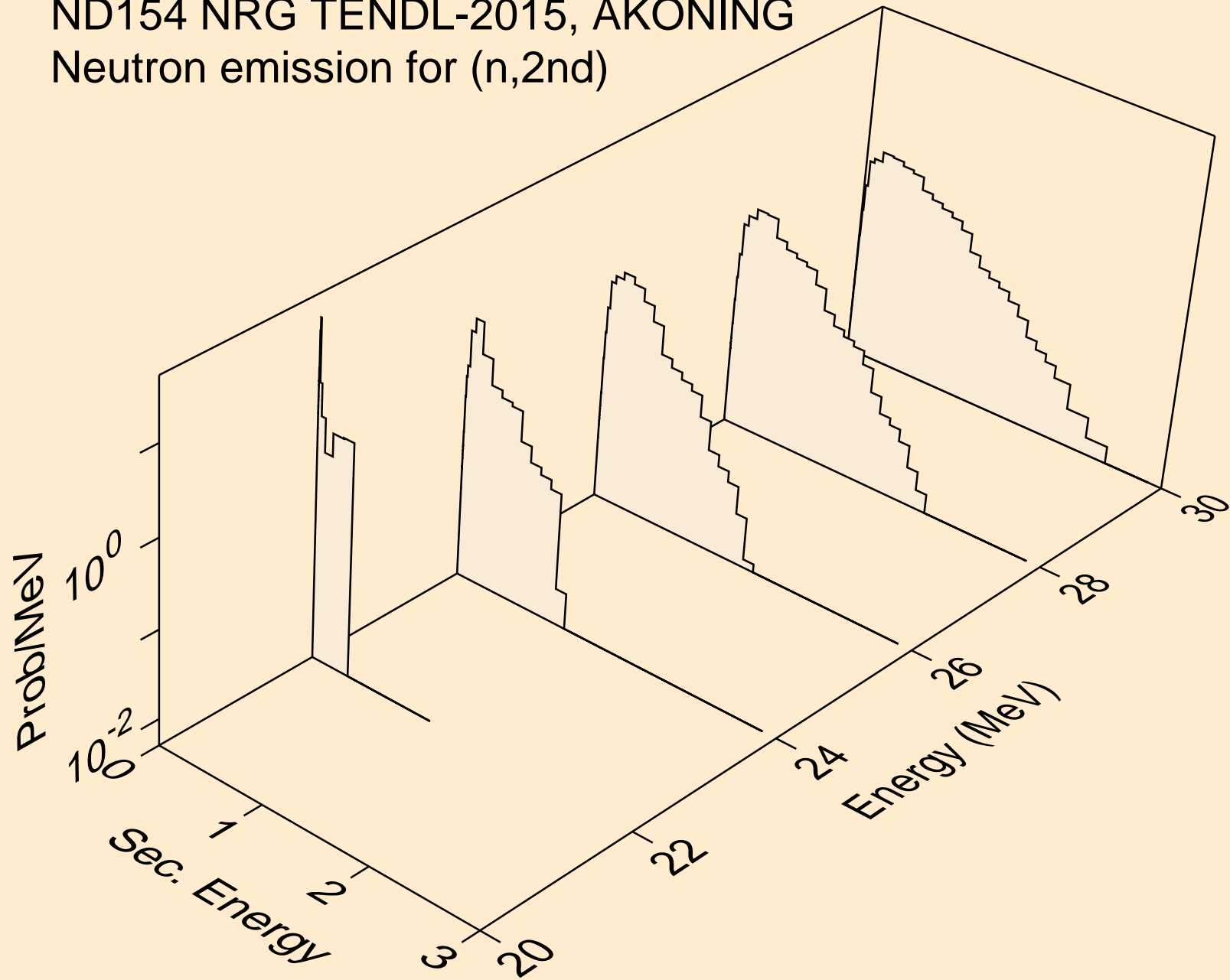


ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

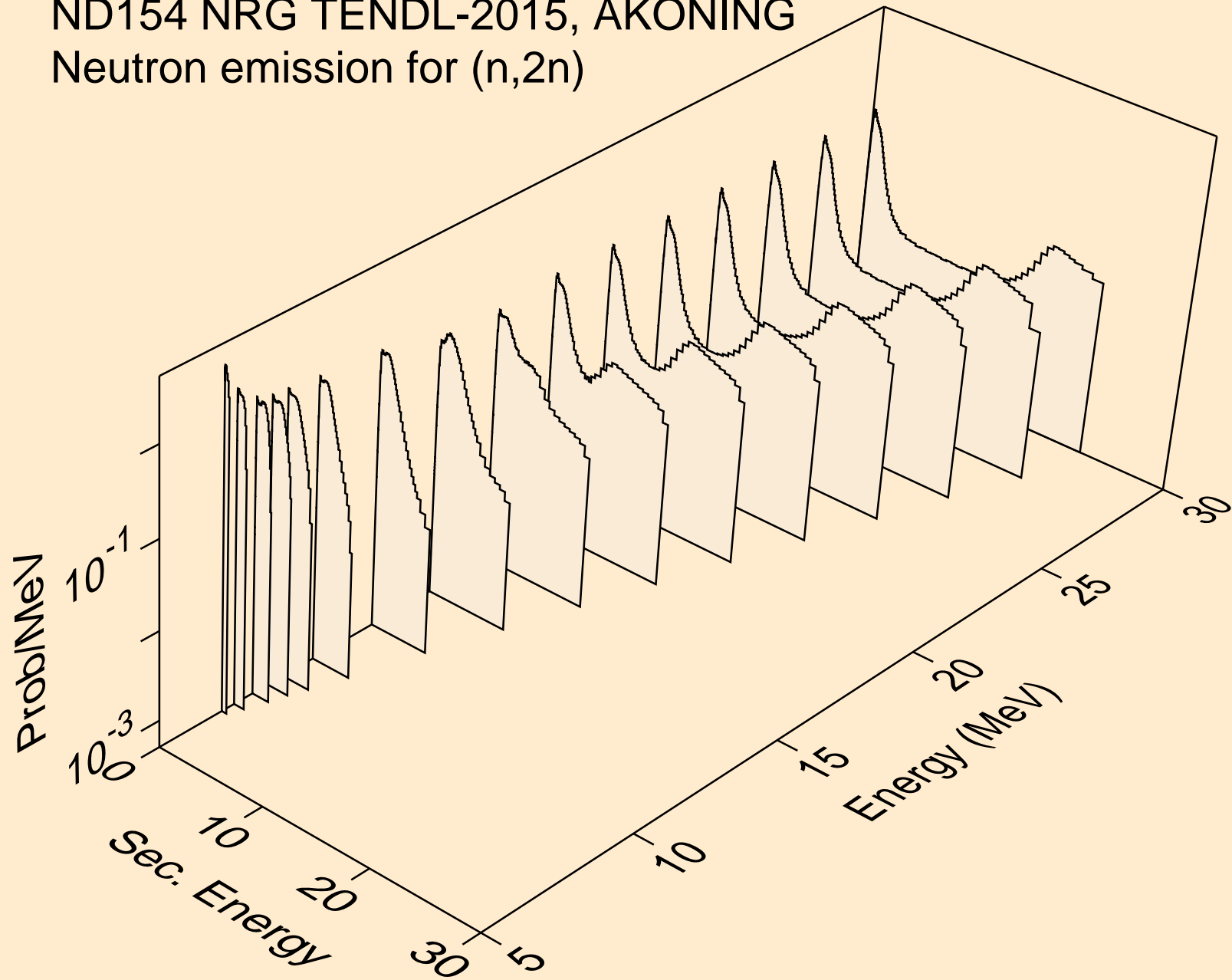




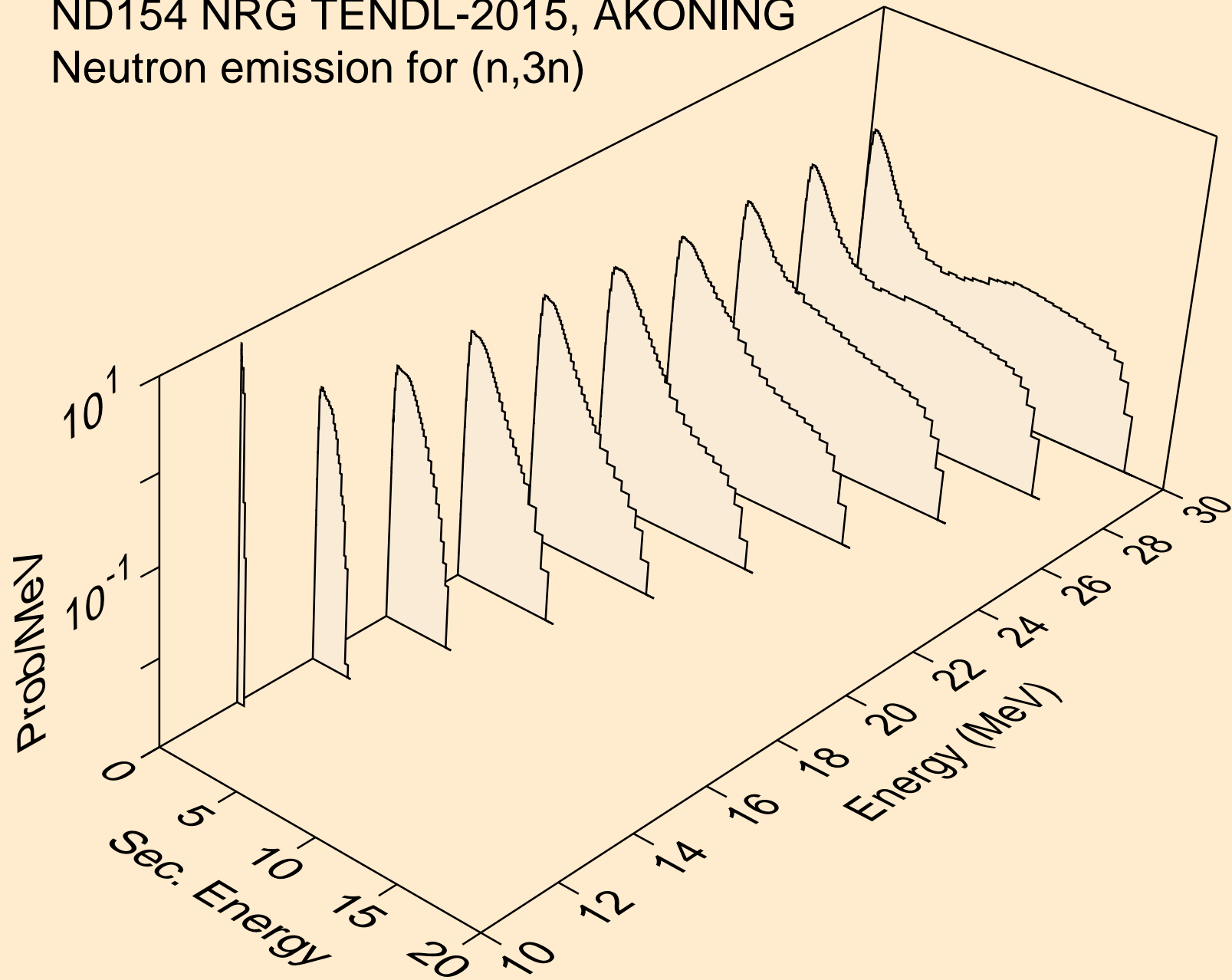
ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



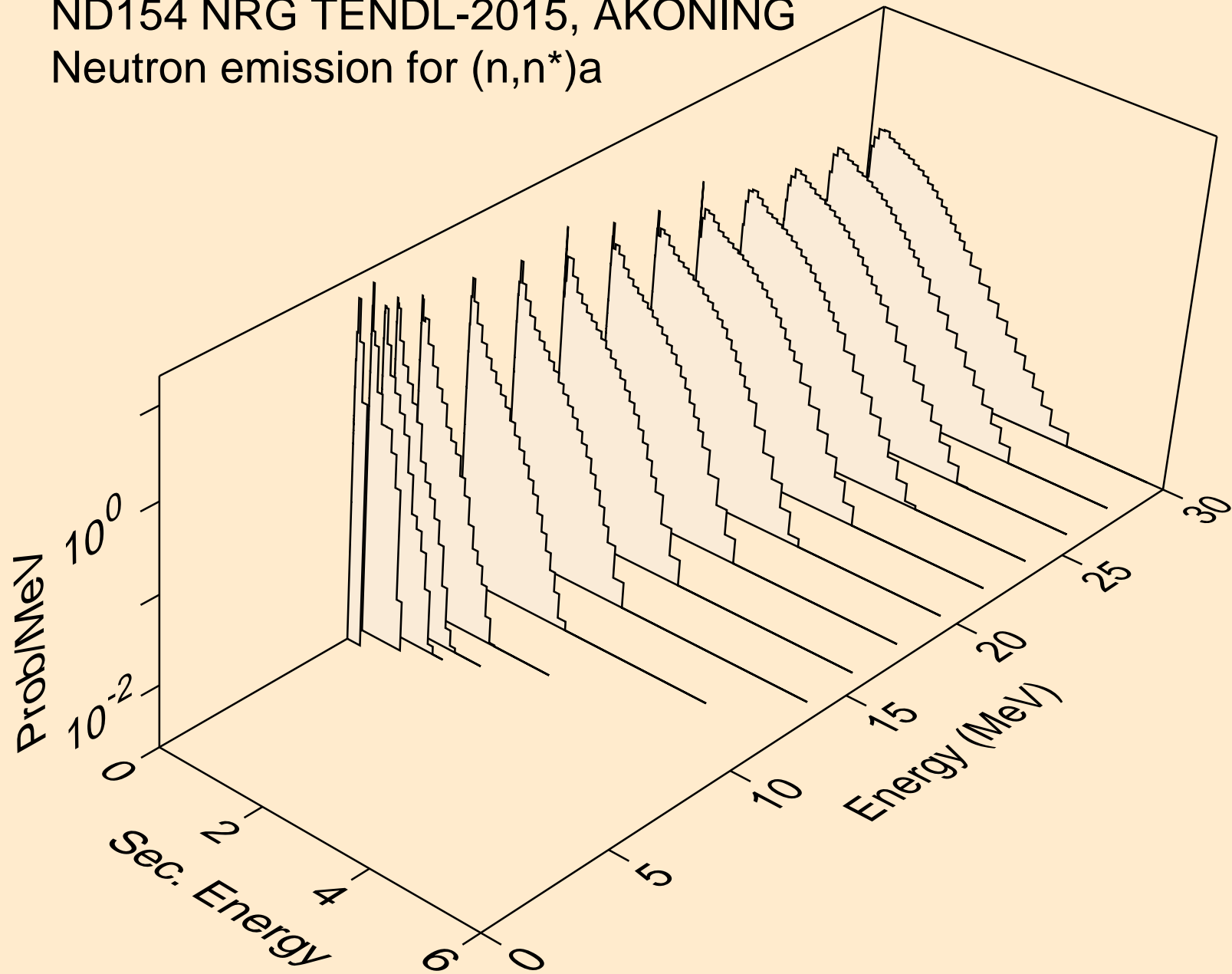
ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



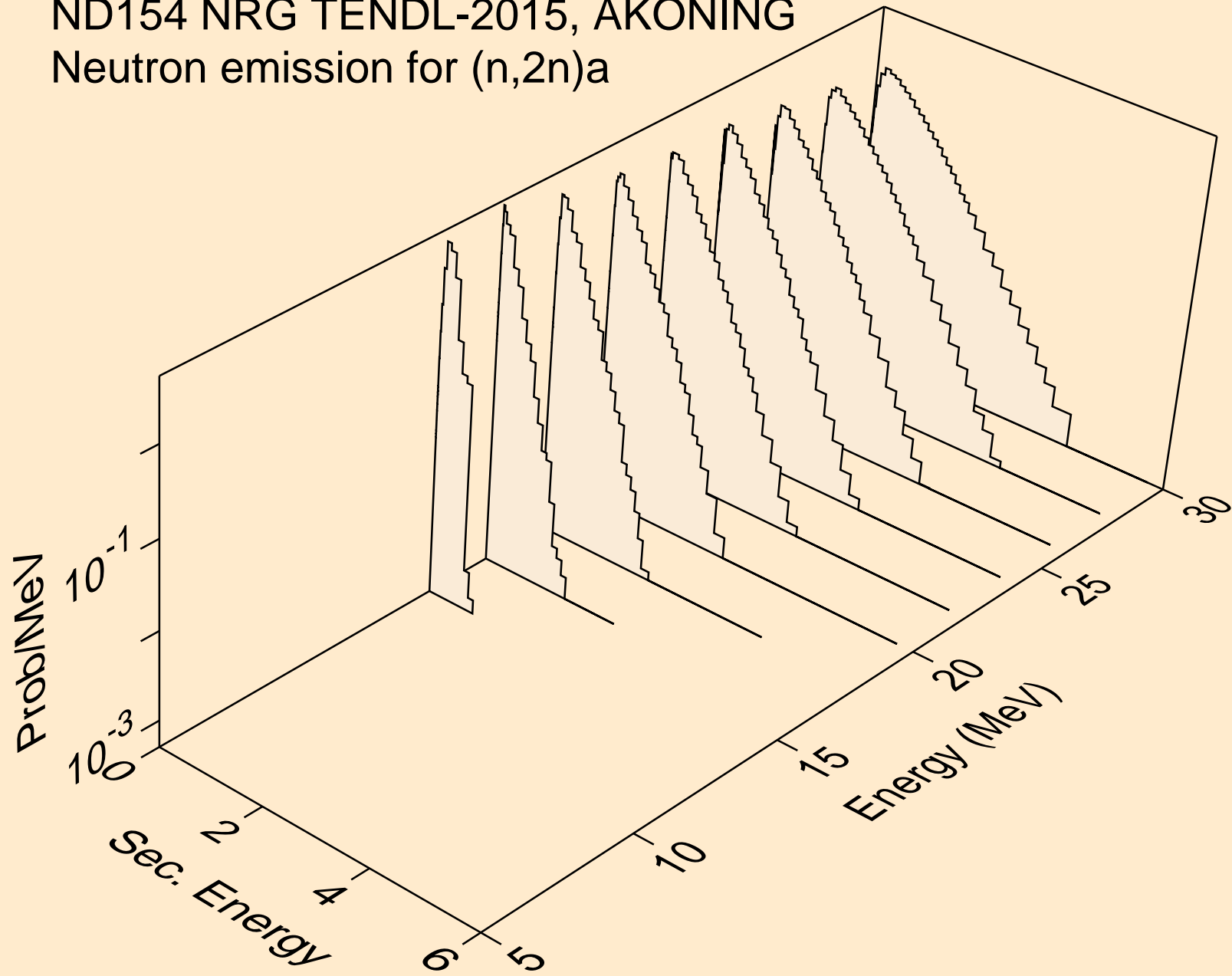
ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



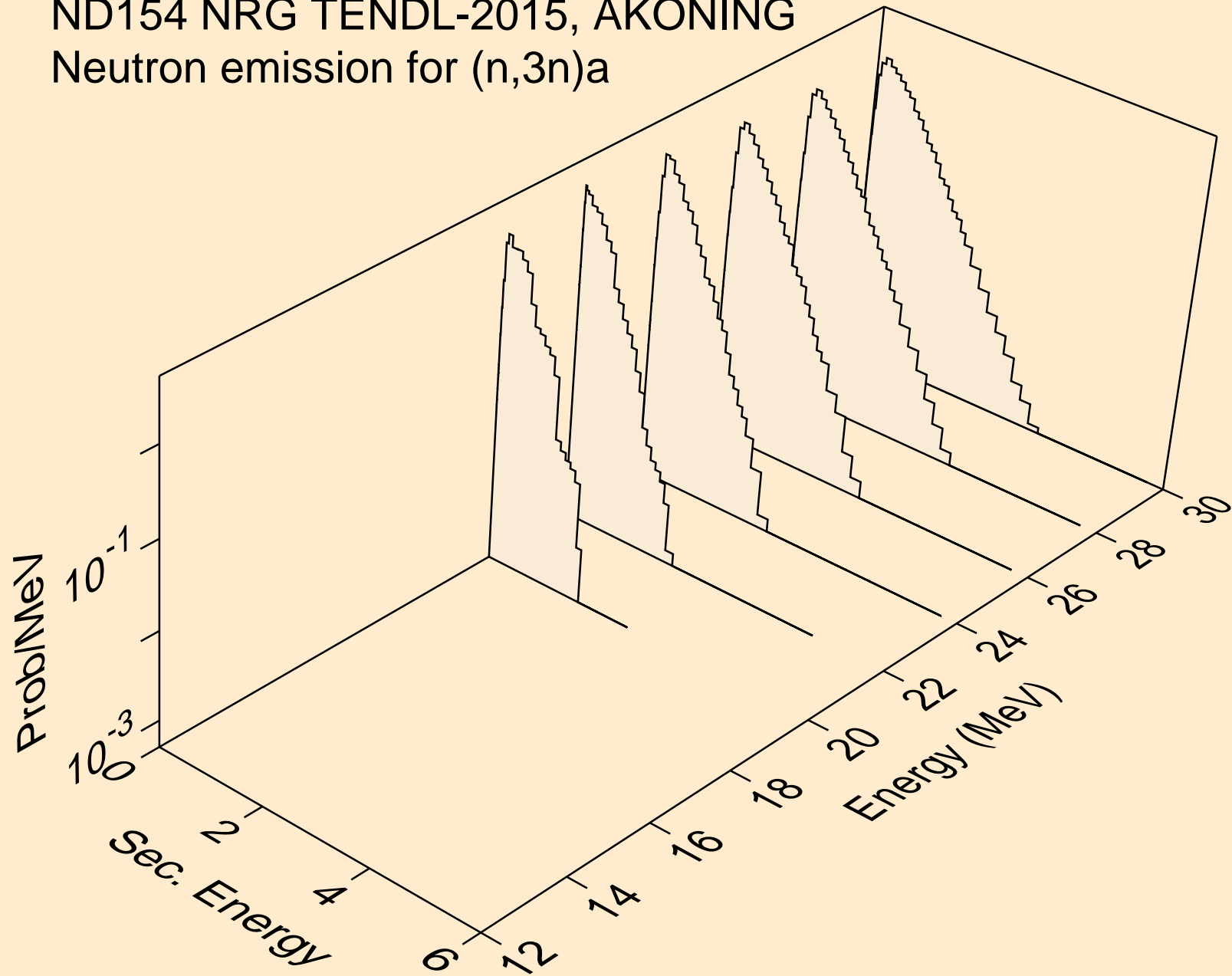
ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



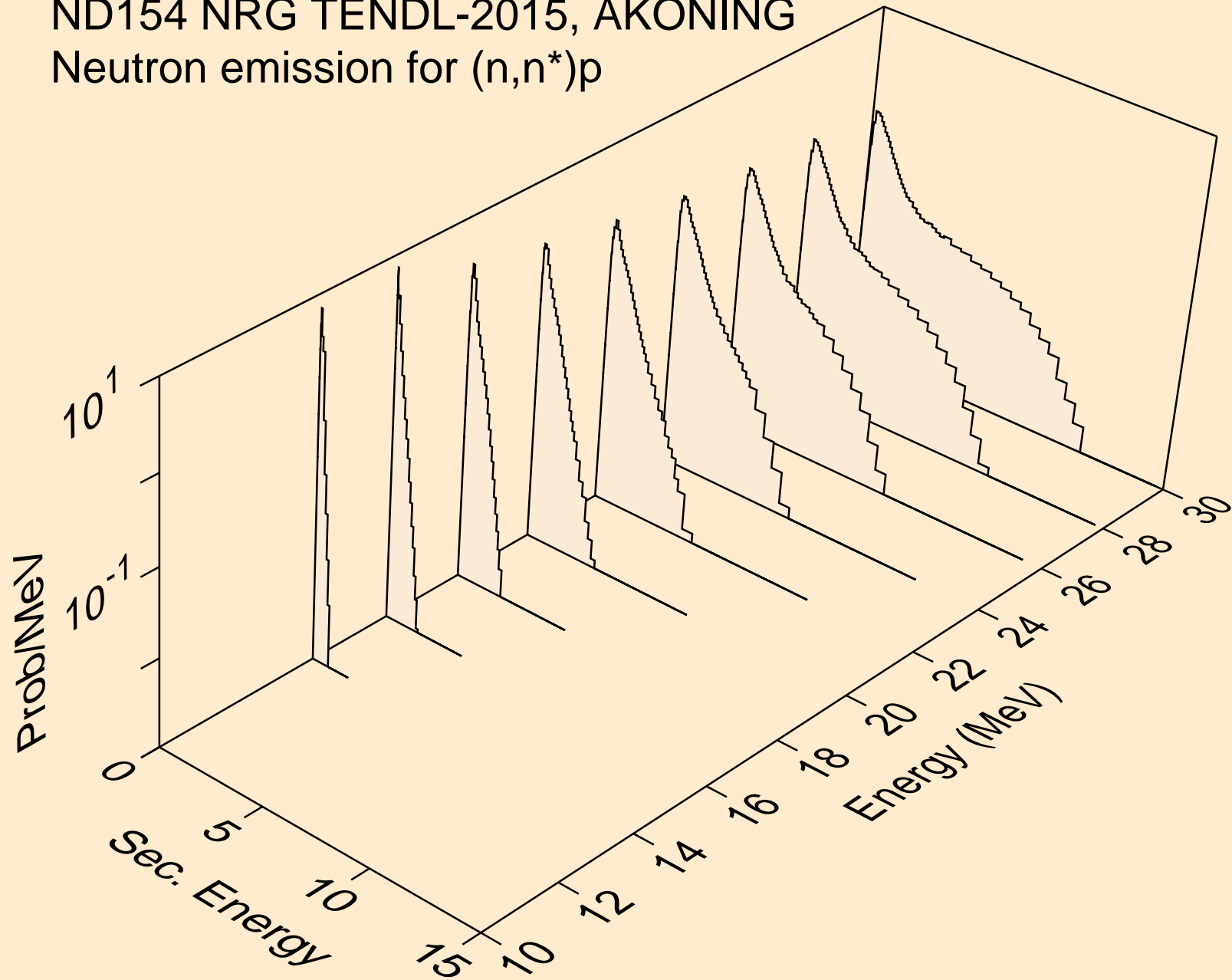
ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



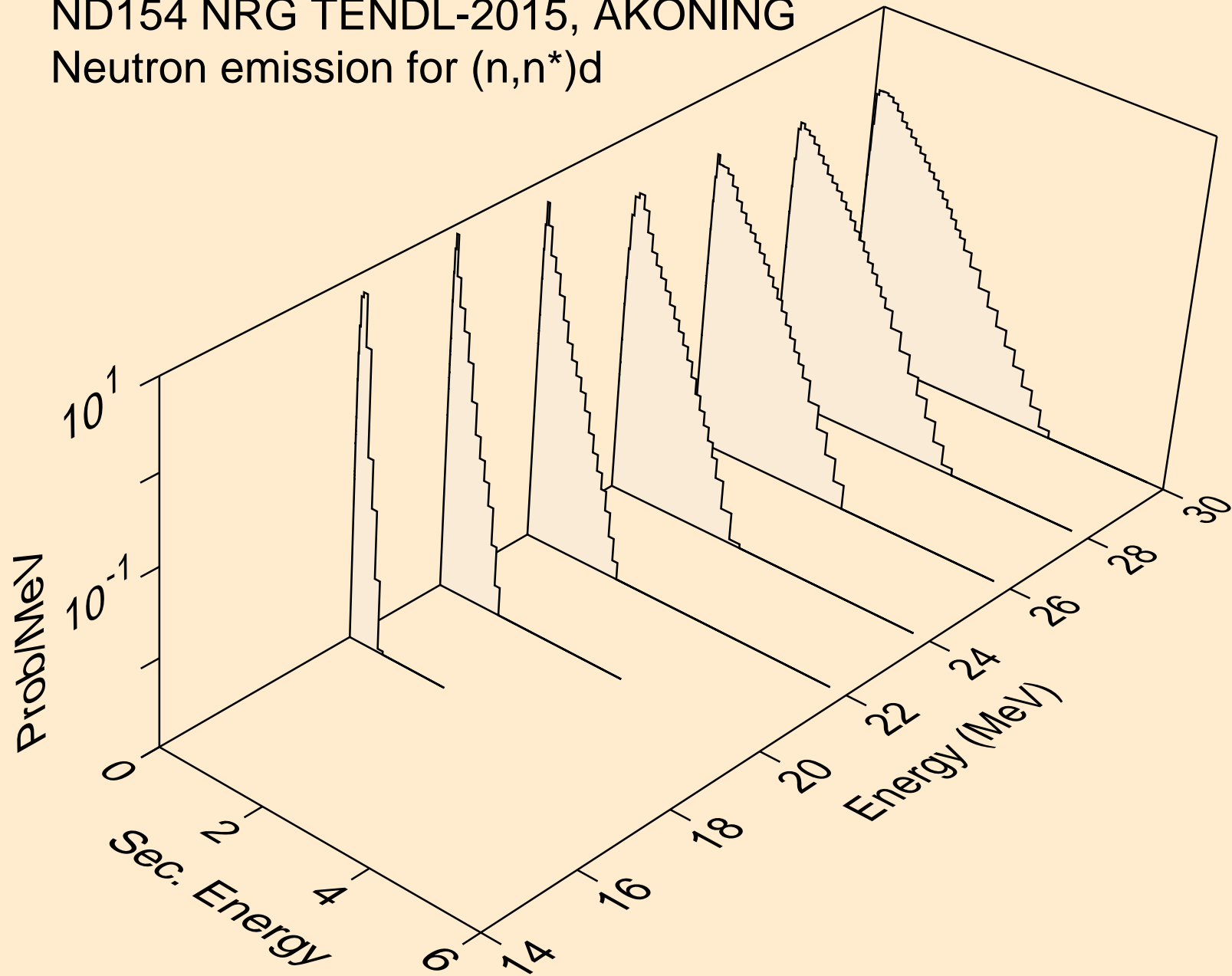
ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

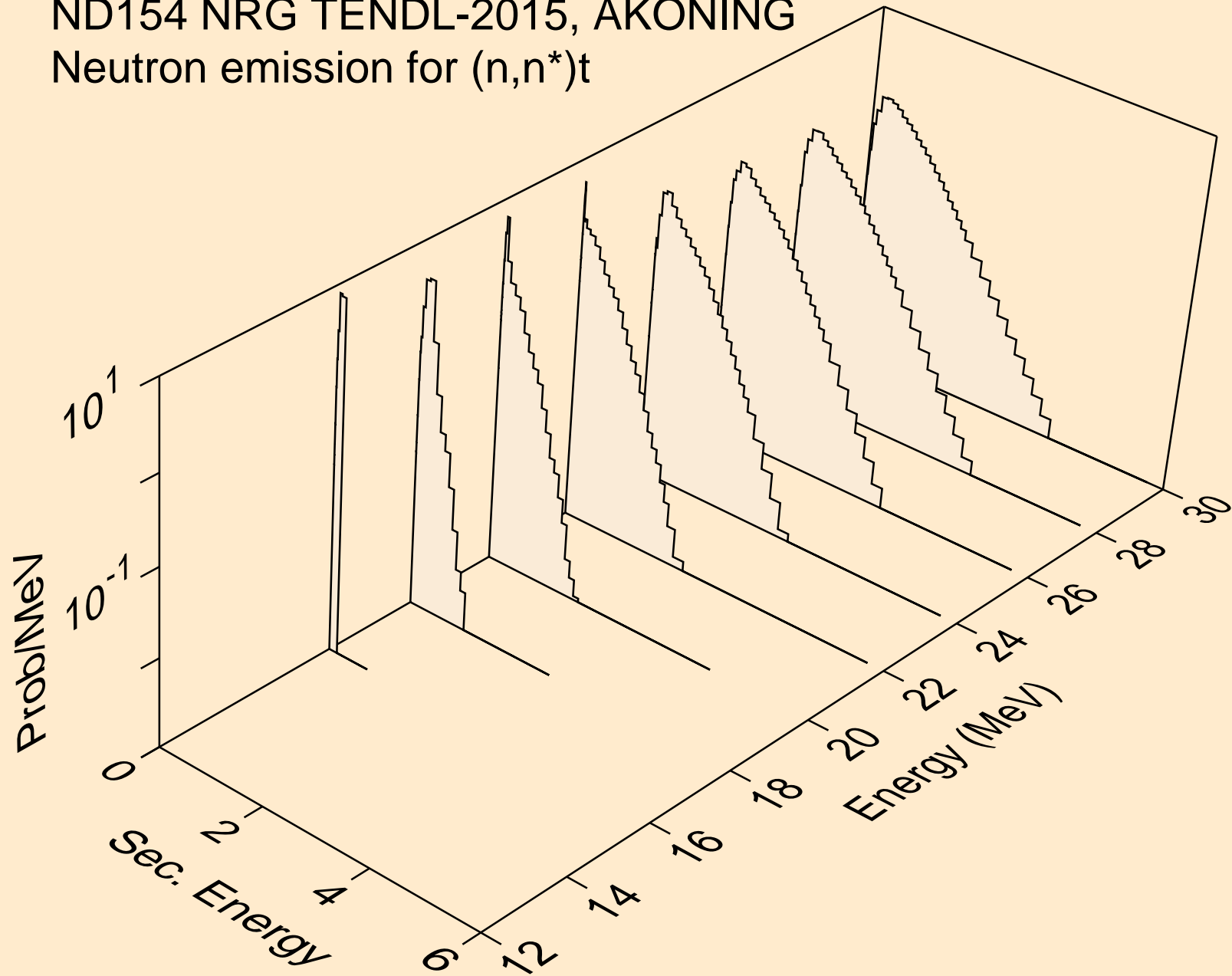


ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

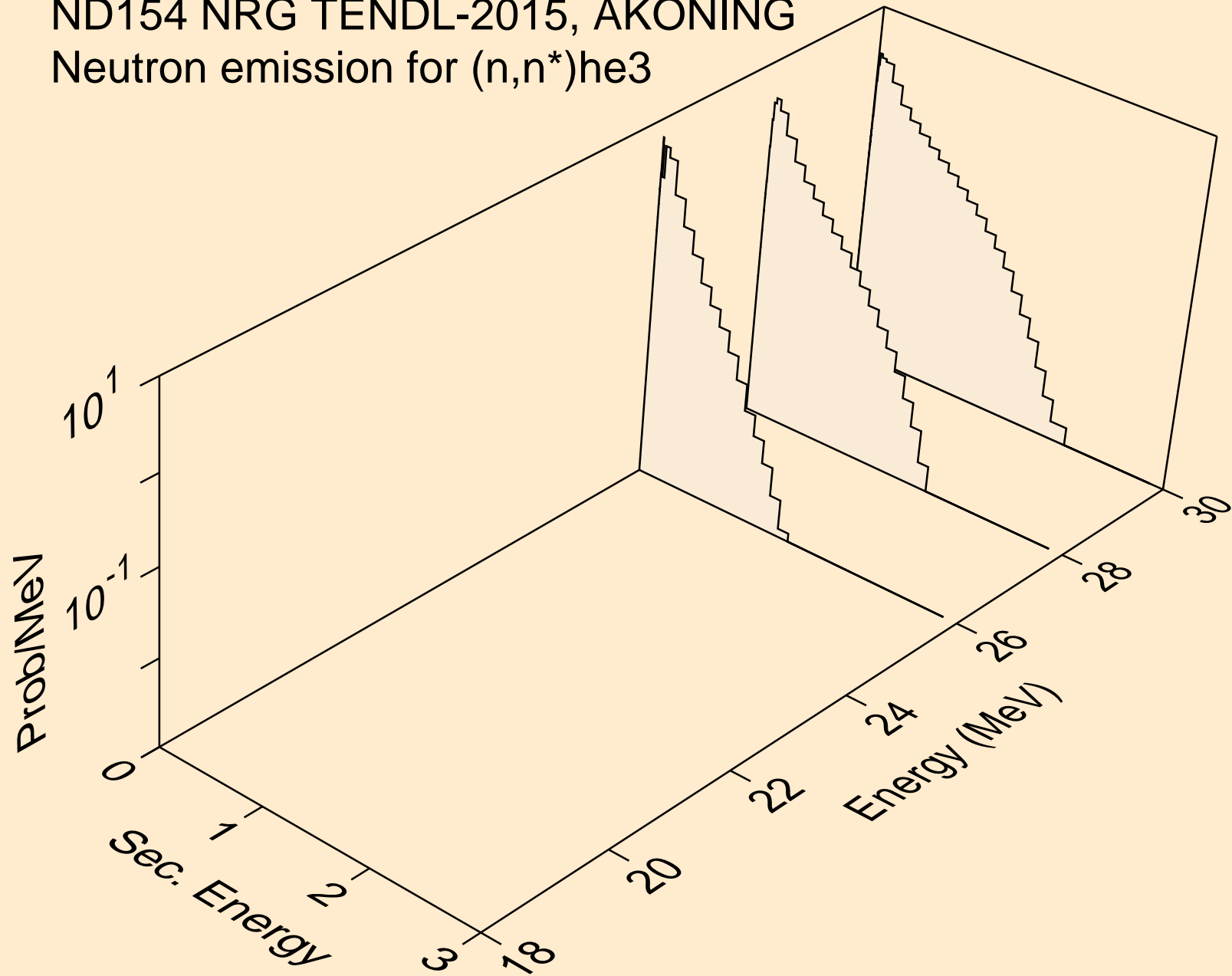




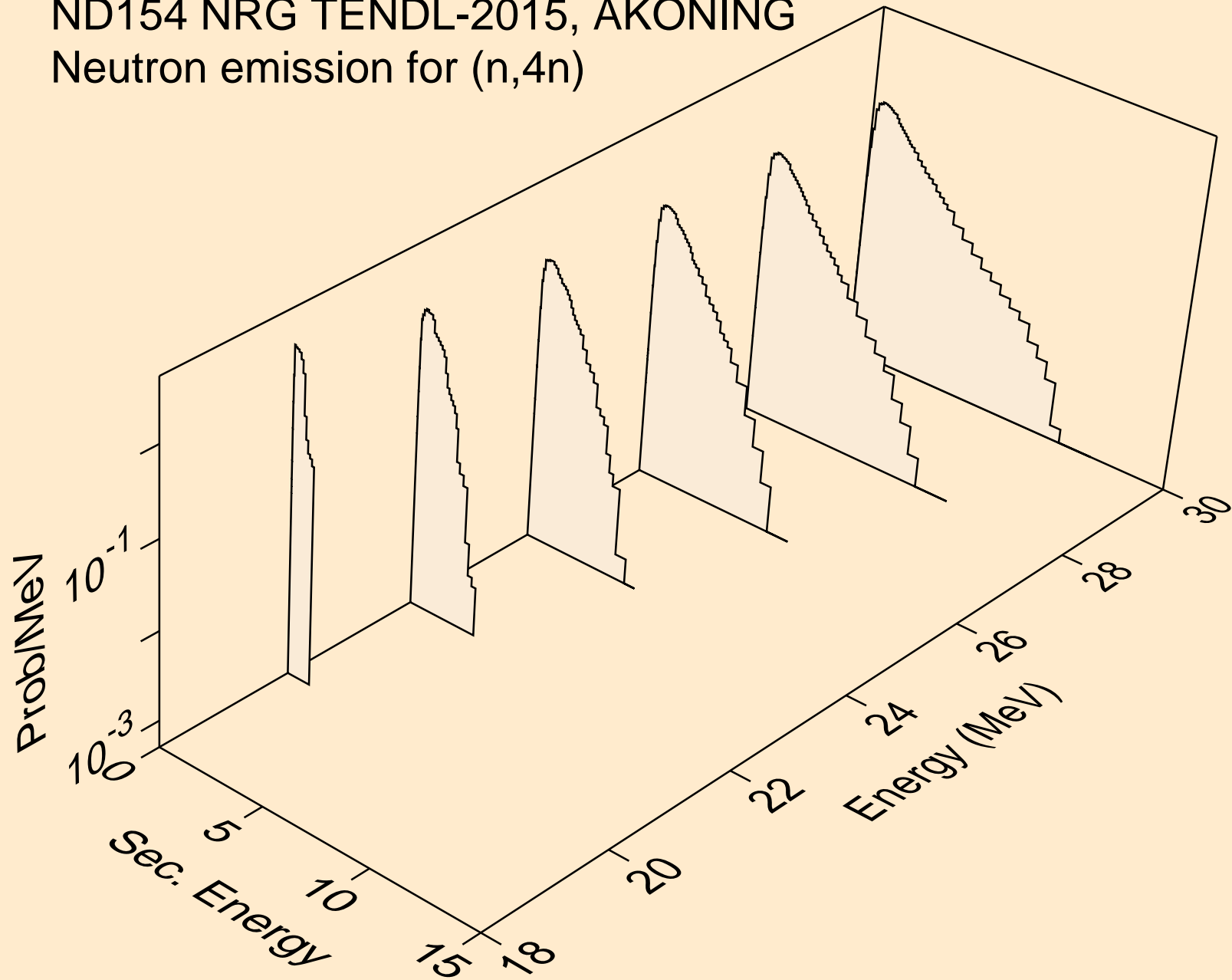
ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



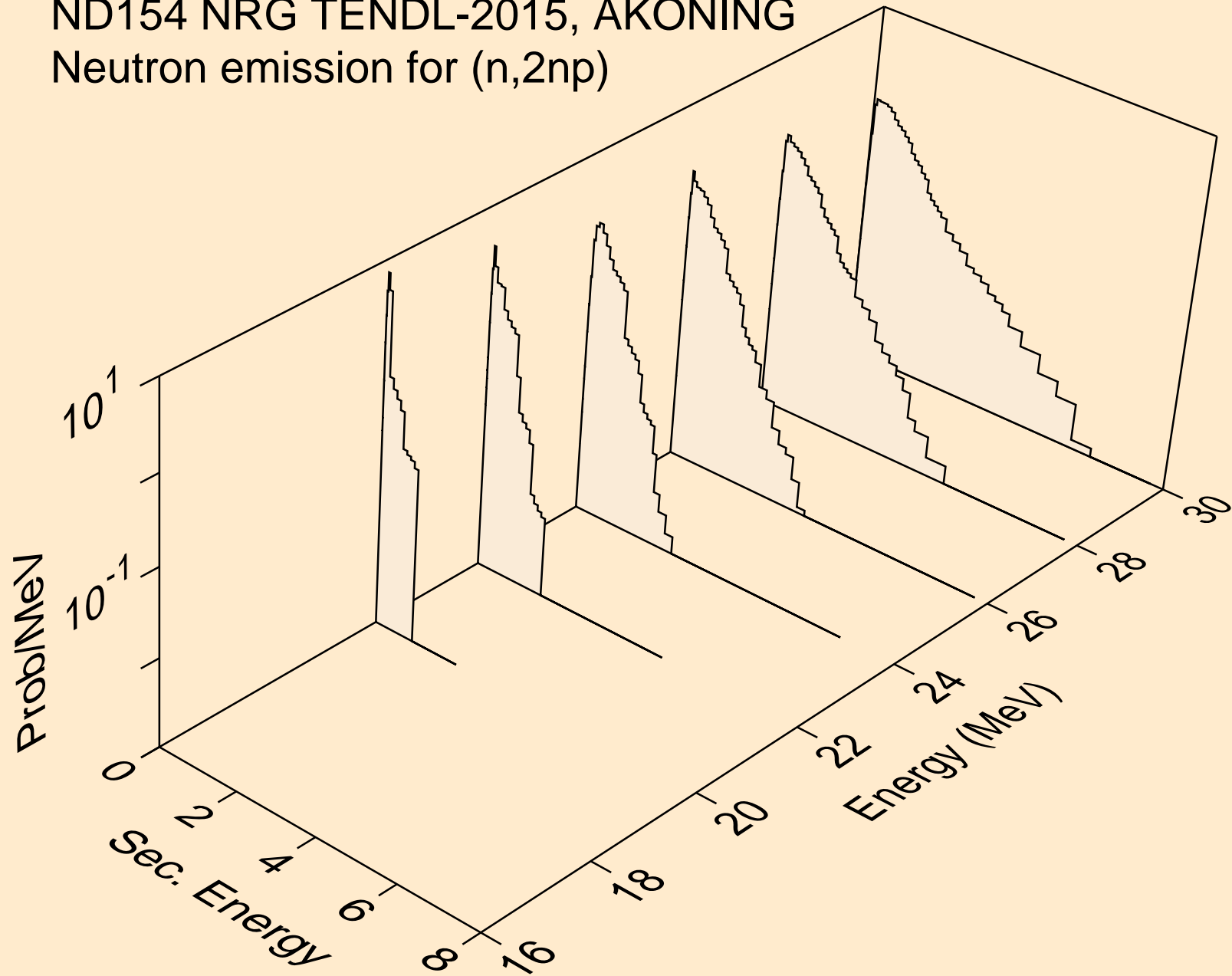
ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



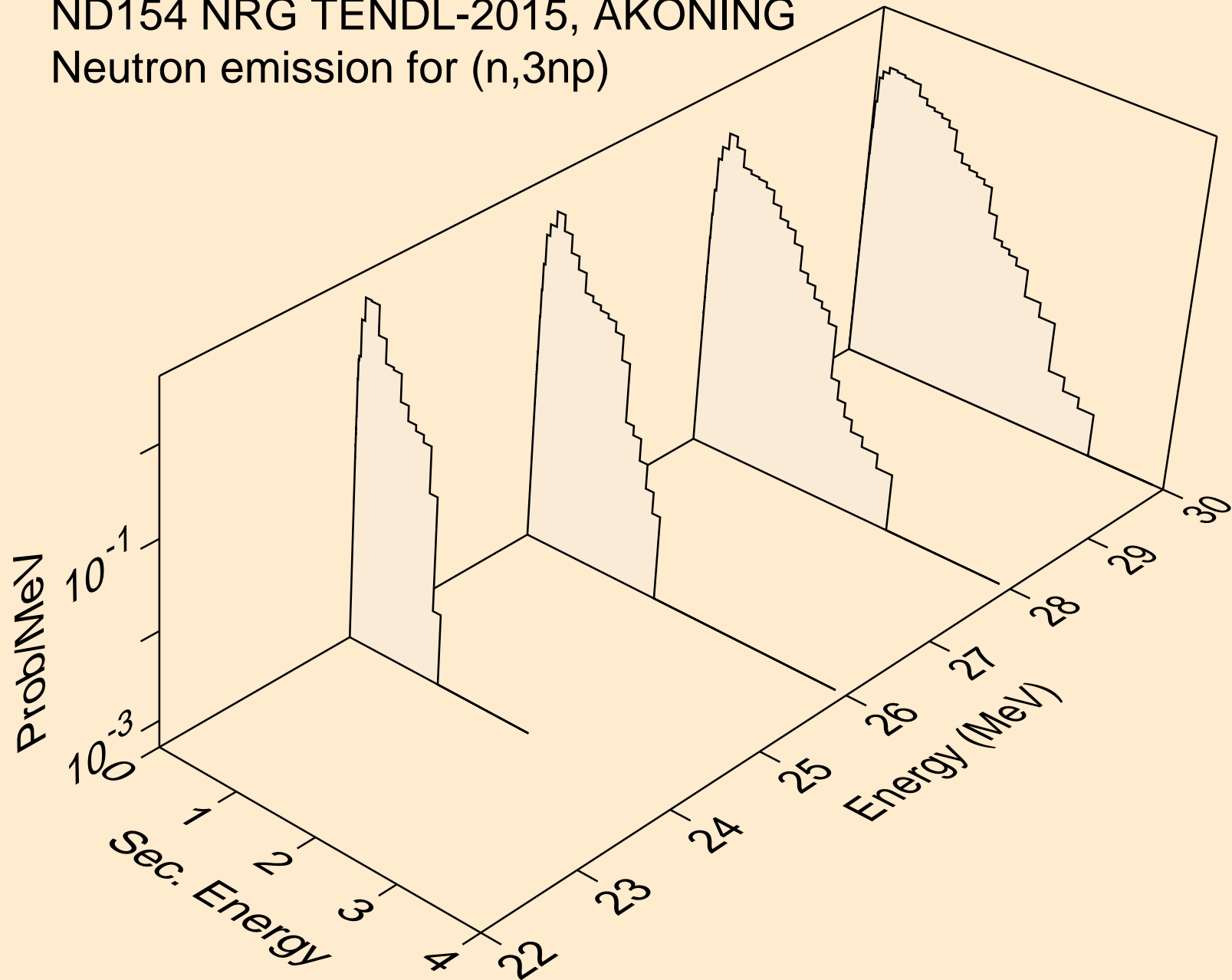
ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



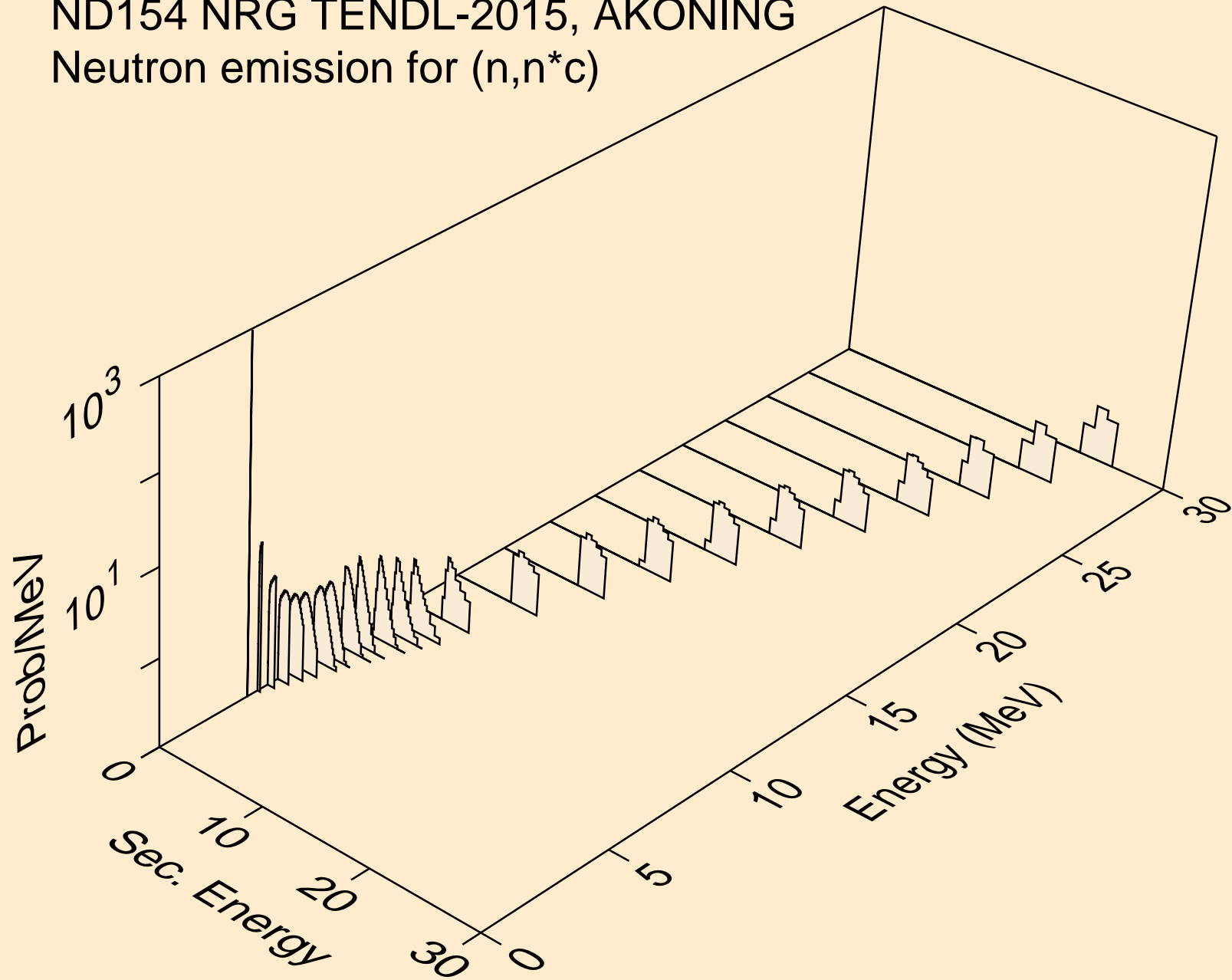
ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



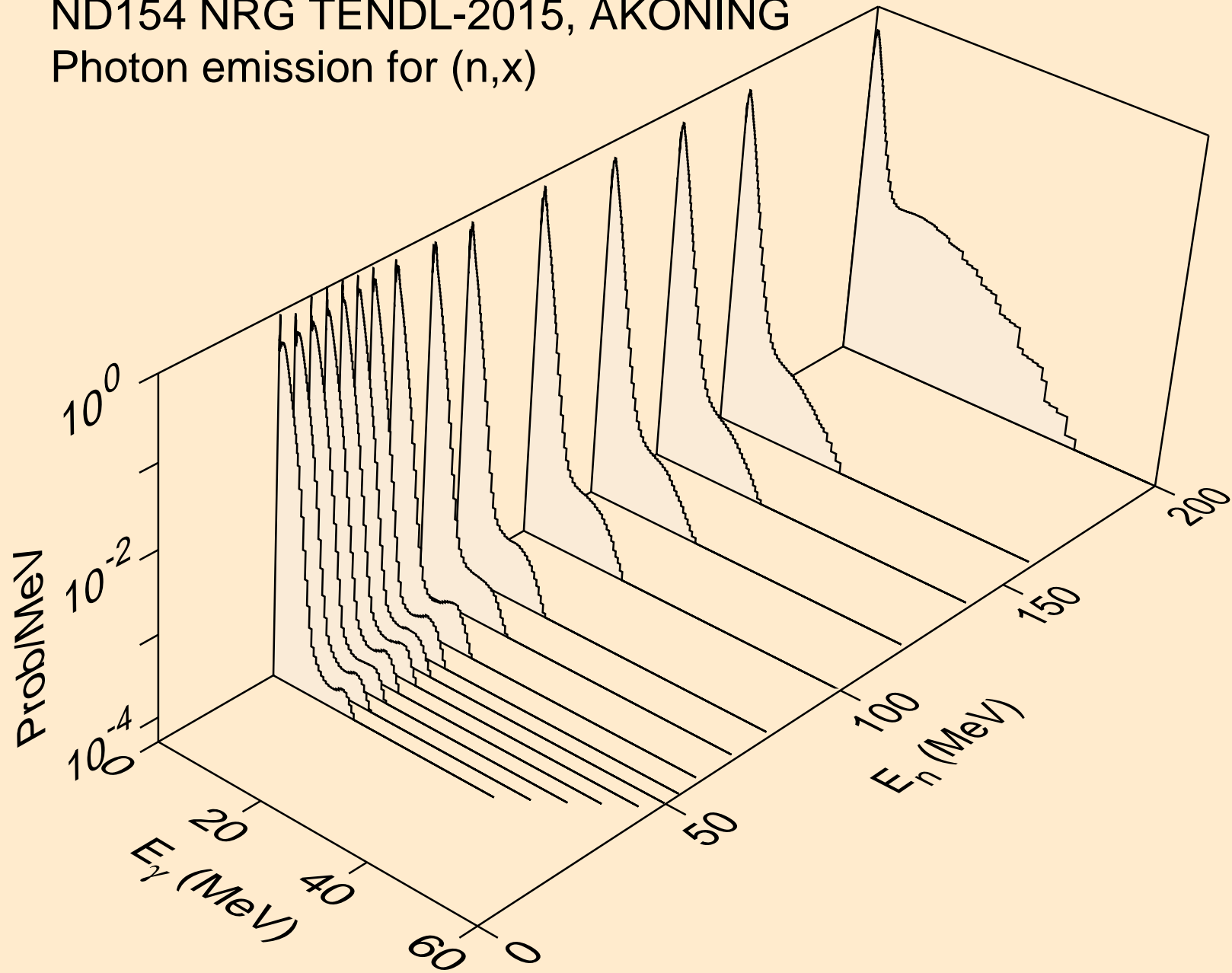
ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



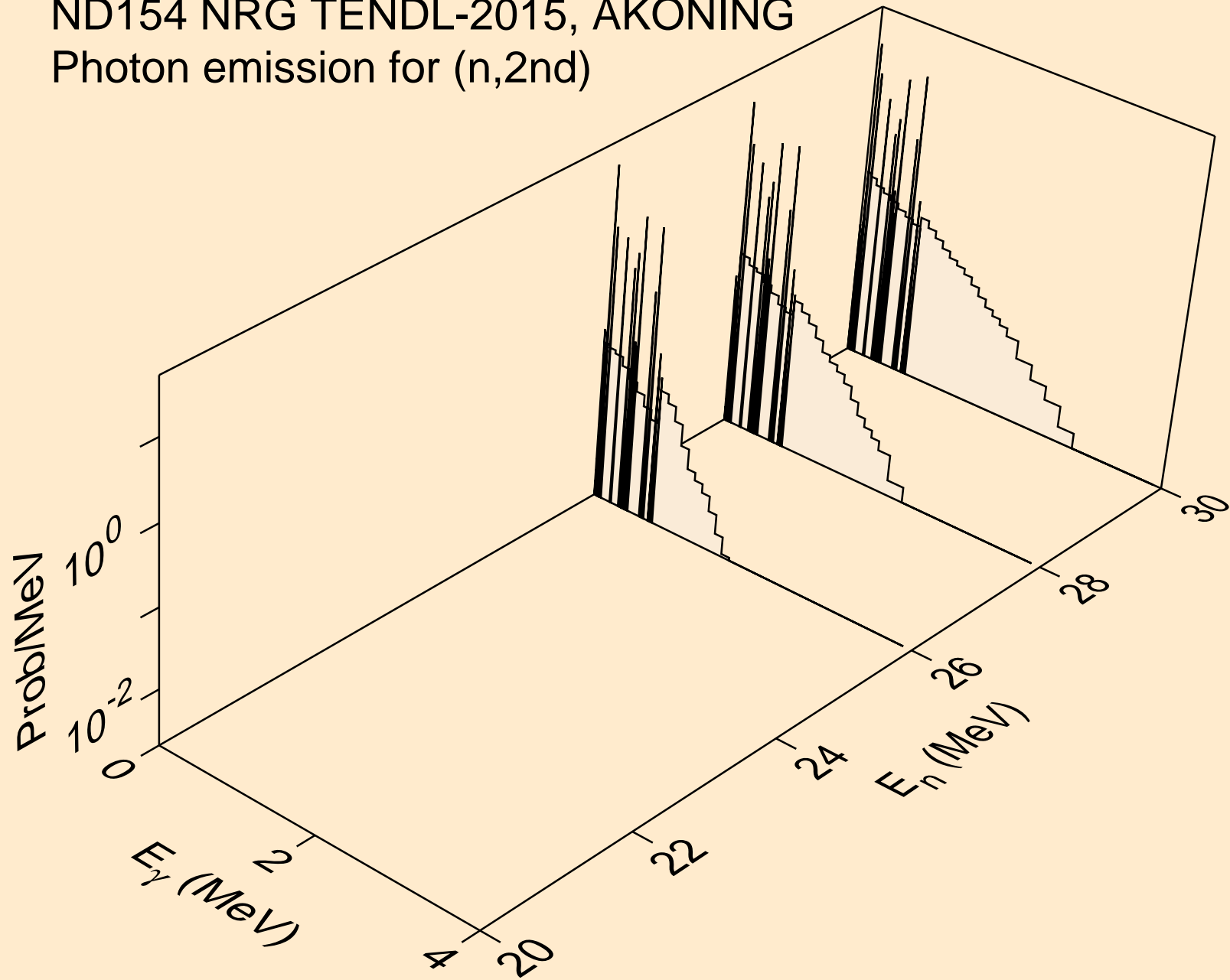
ND154 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

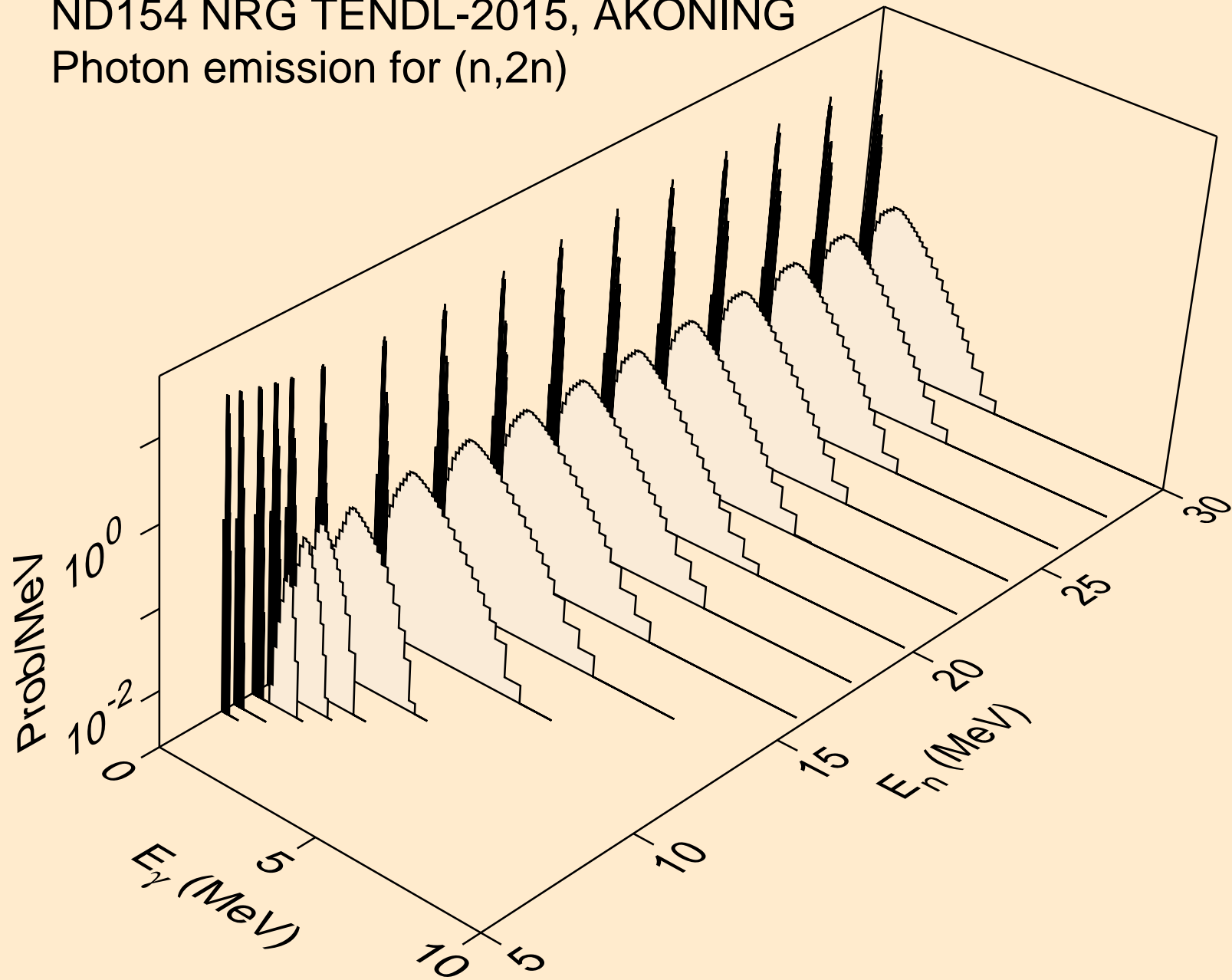


ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

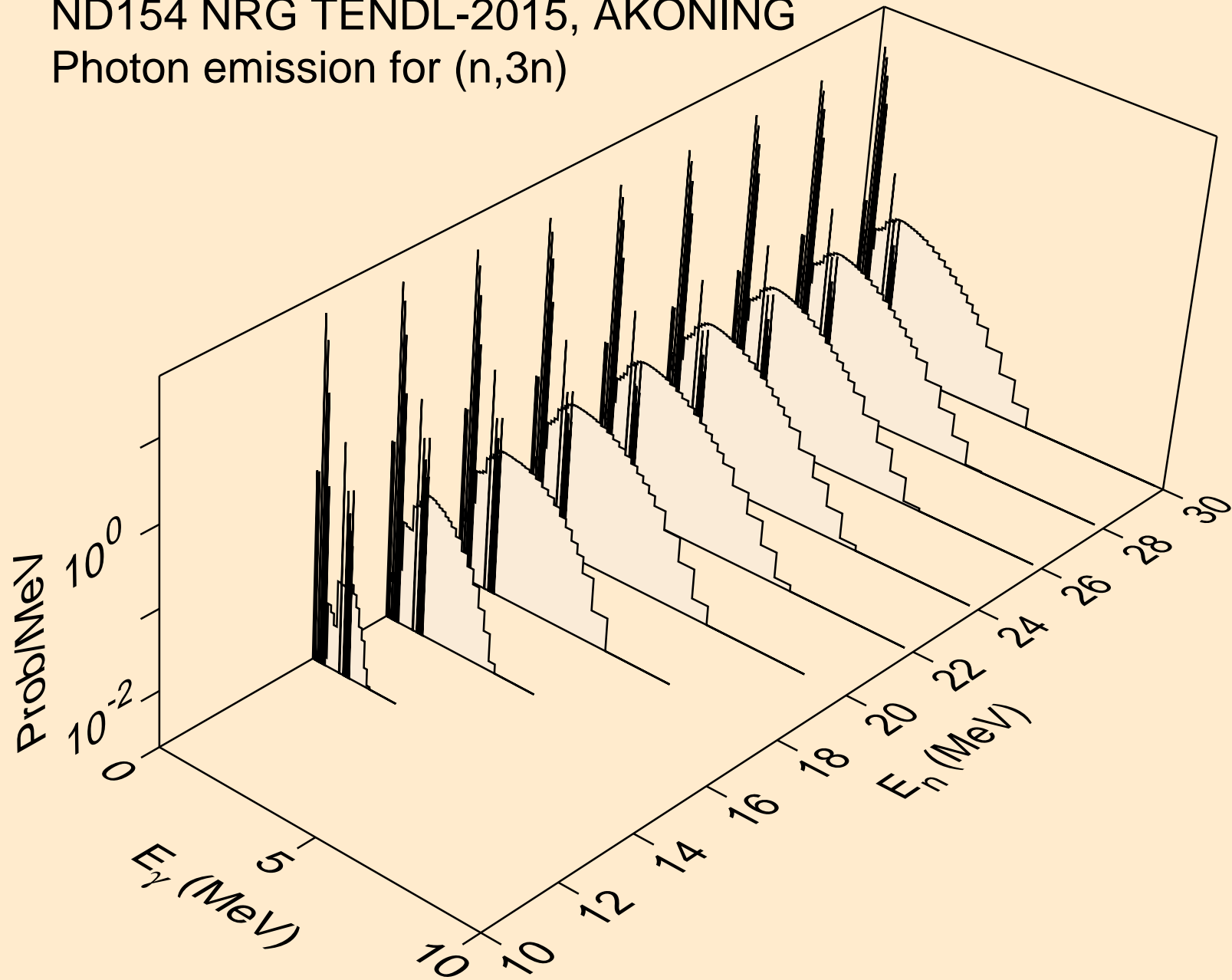




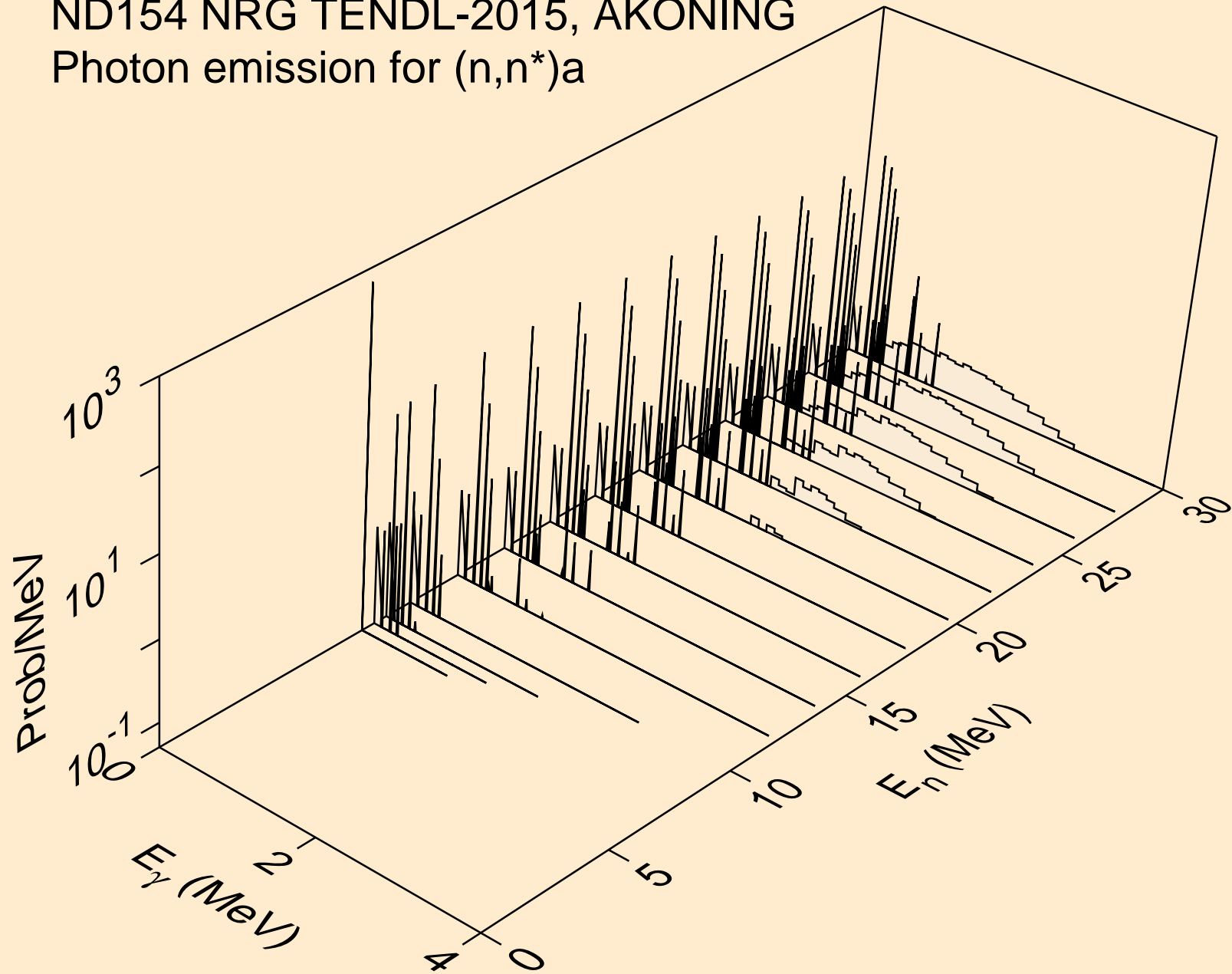
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



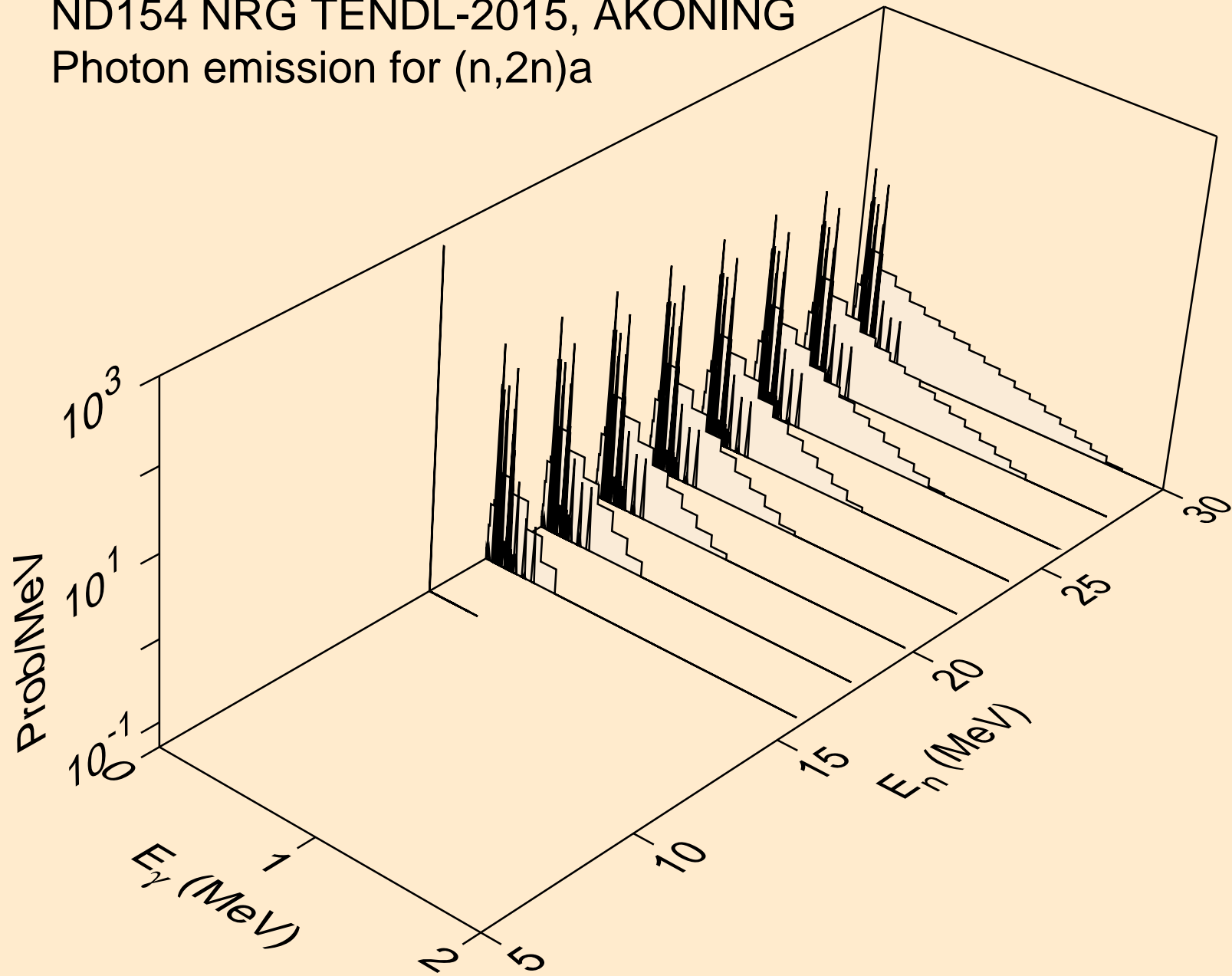
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



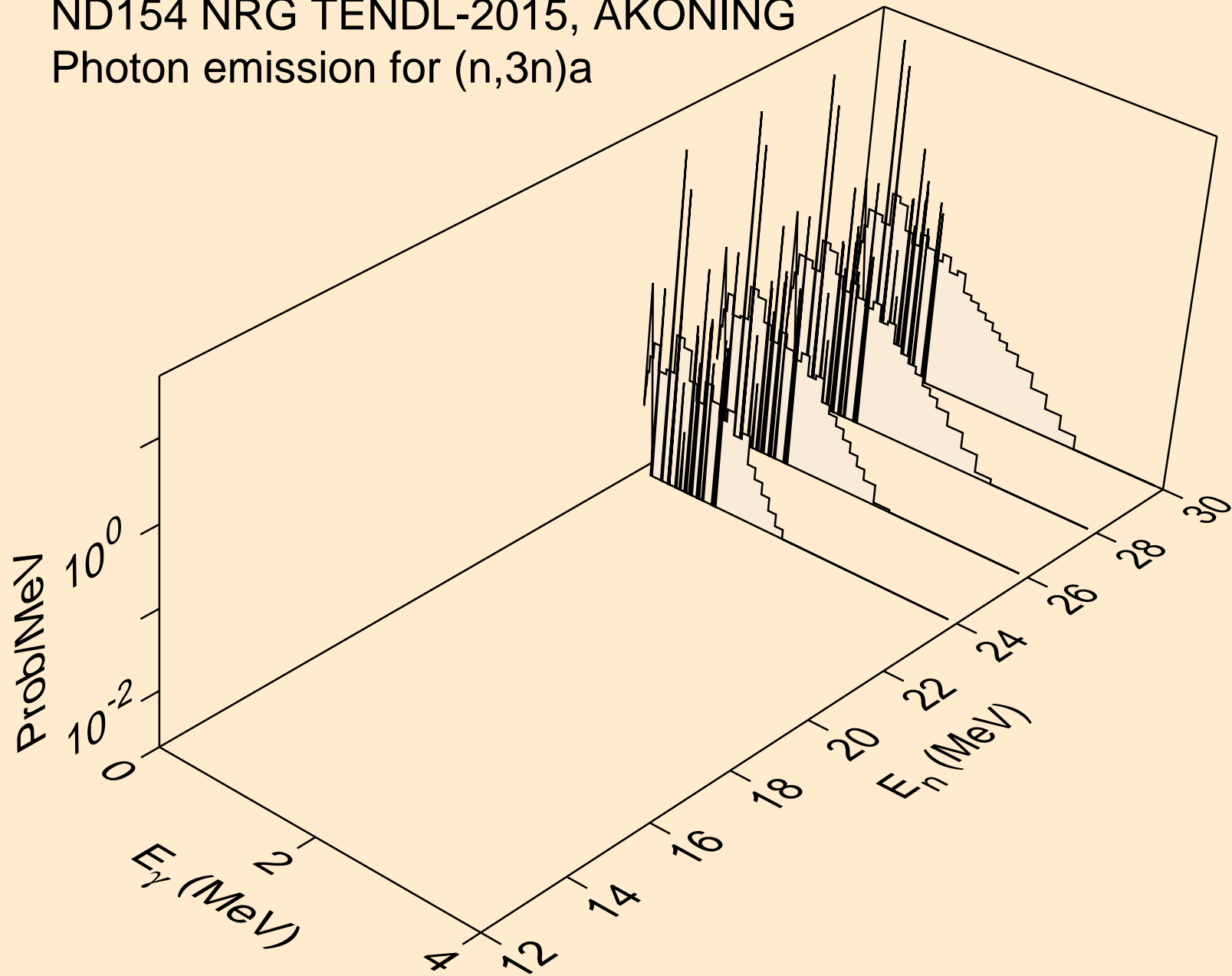
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



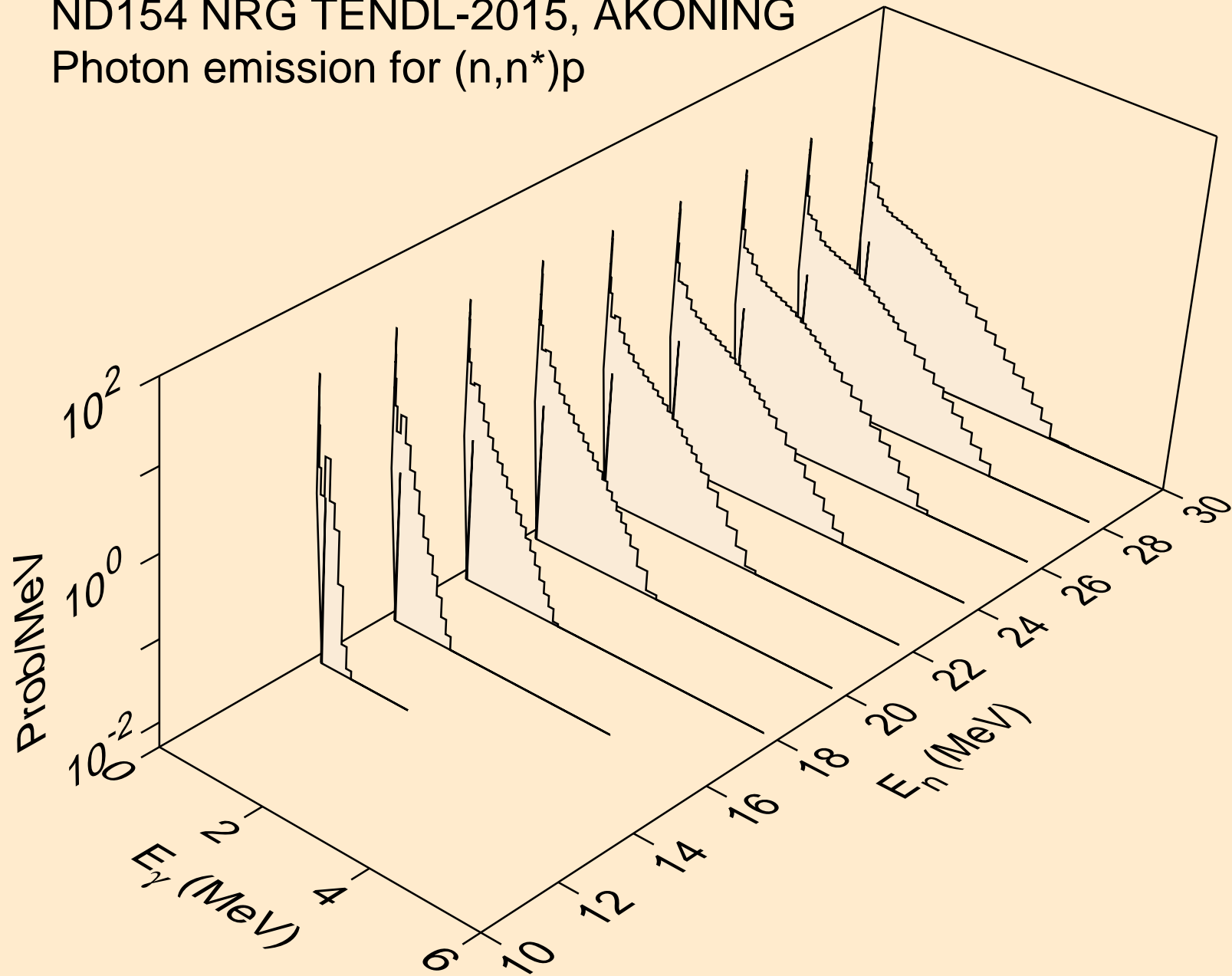
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



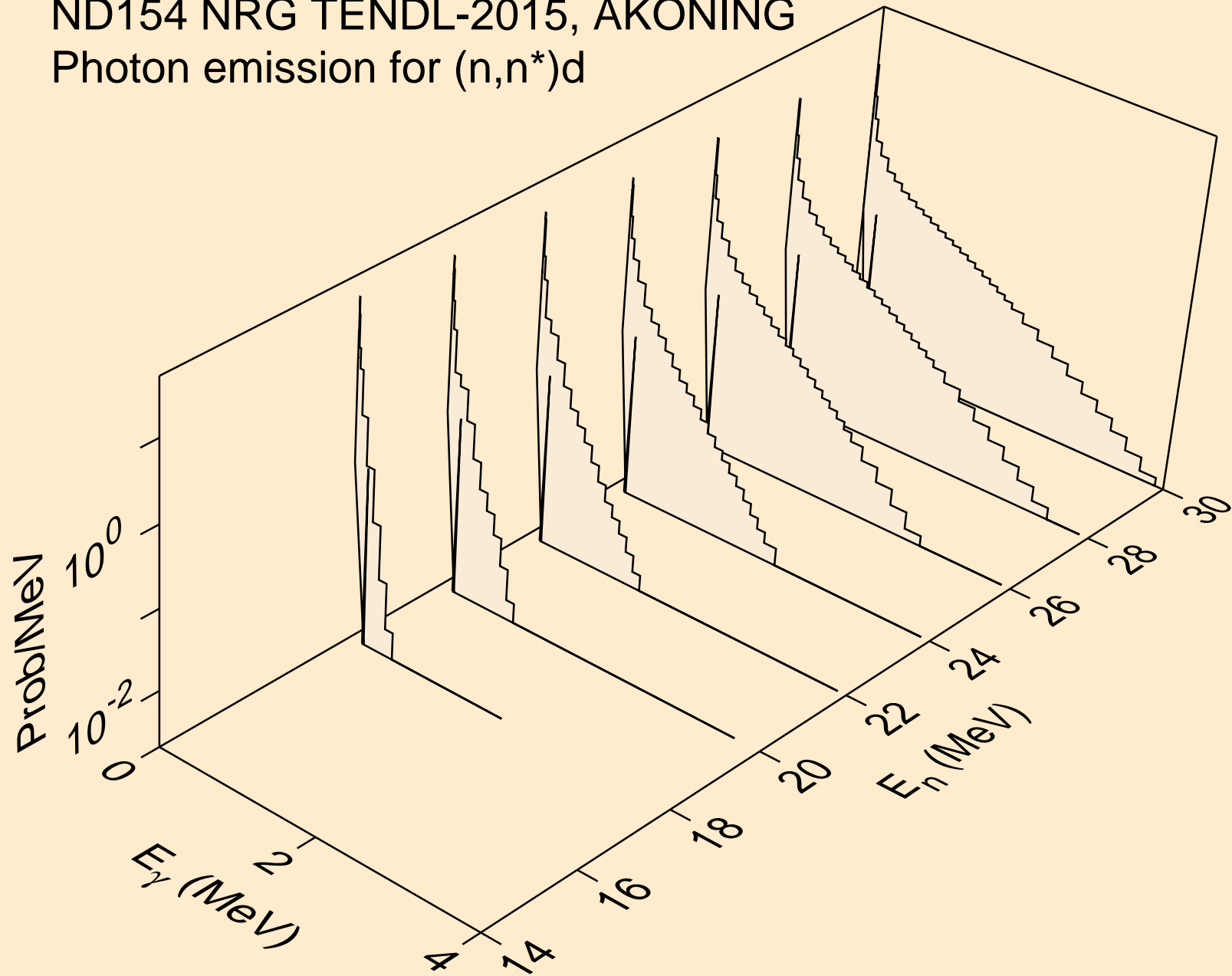
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



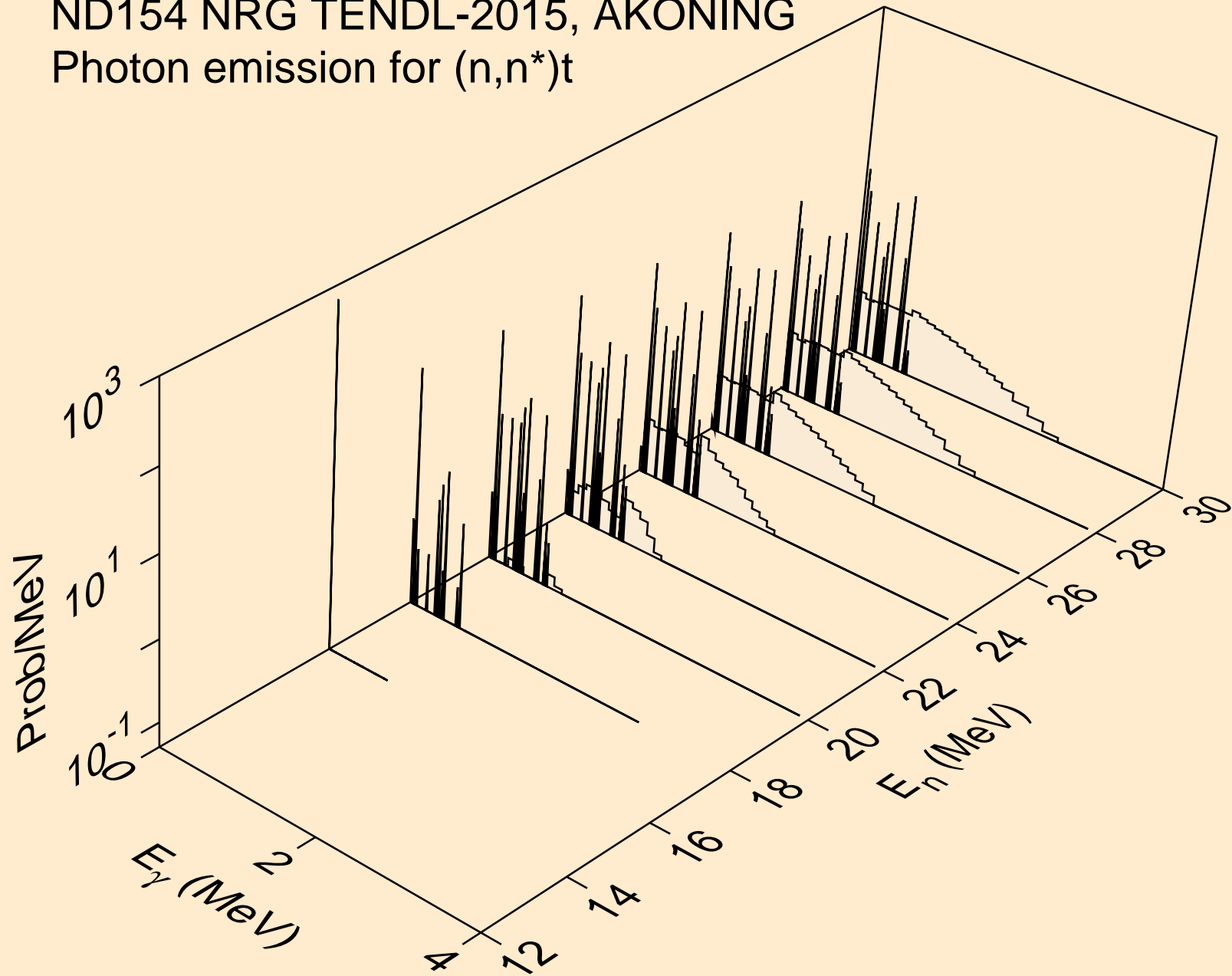
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

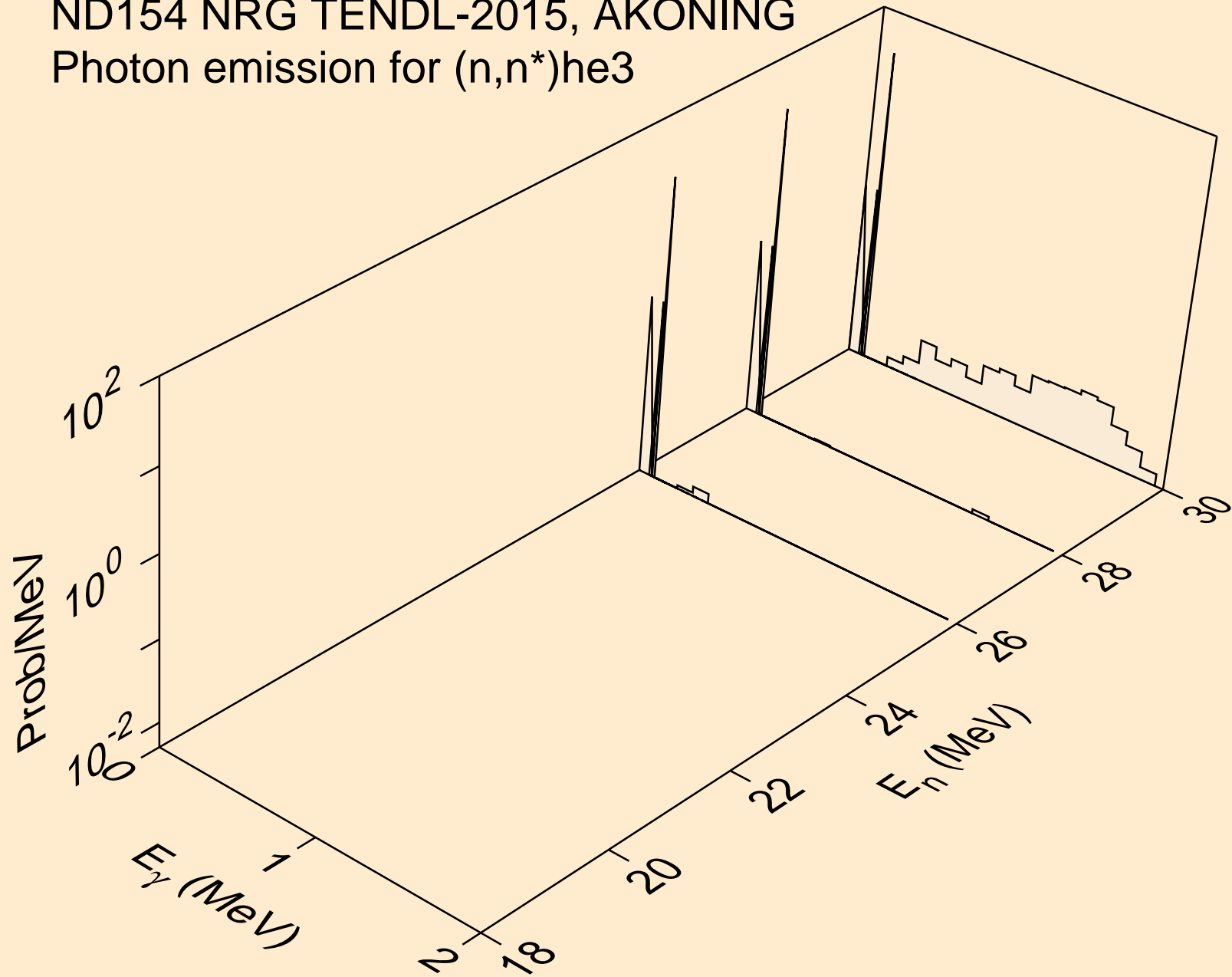


ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

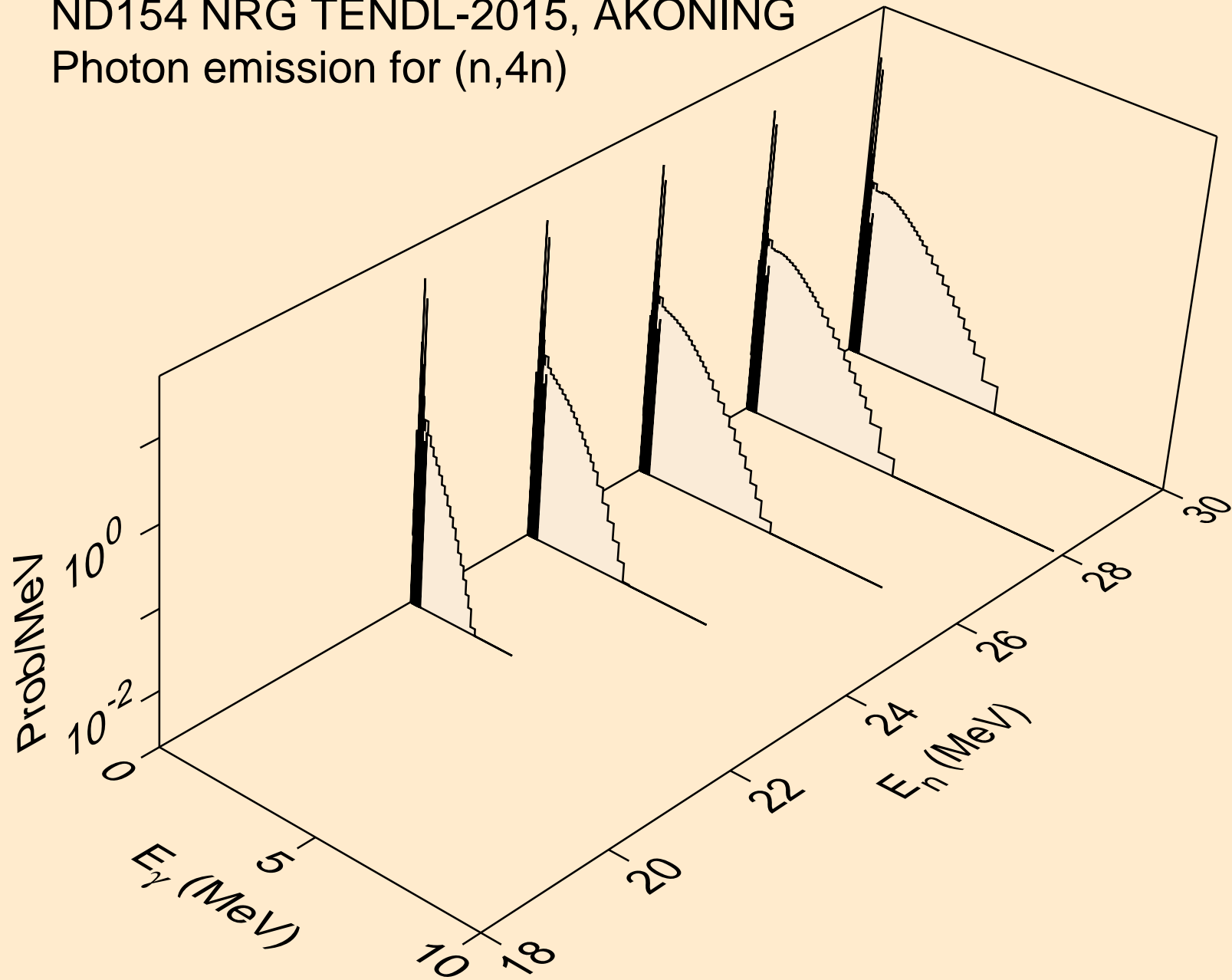




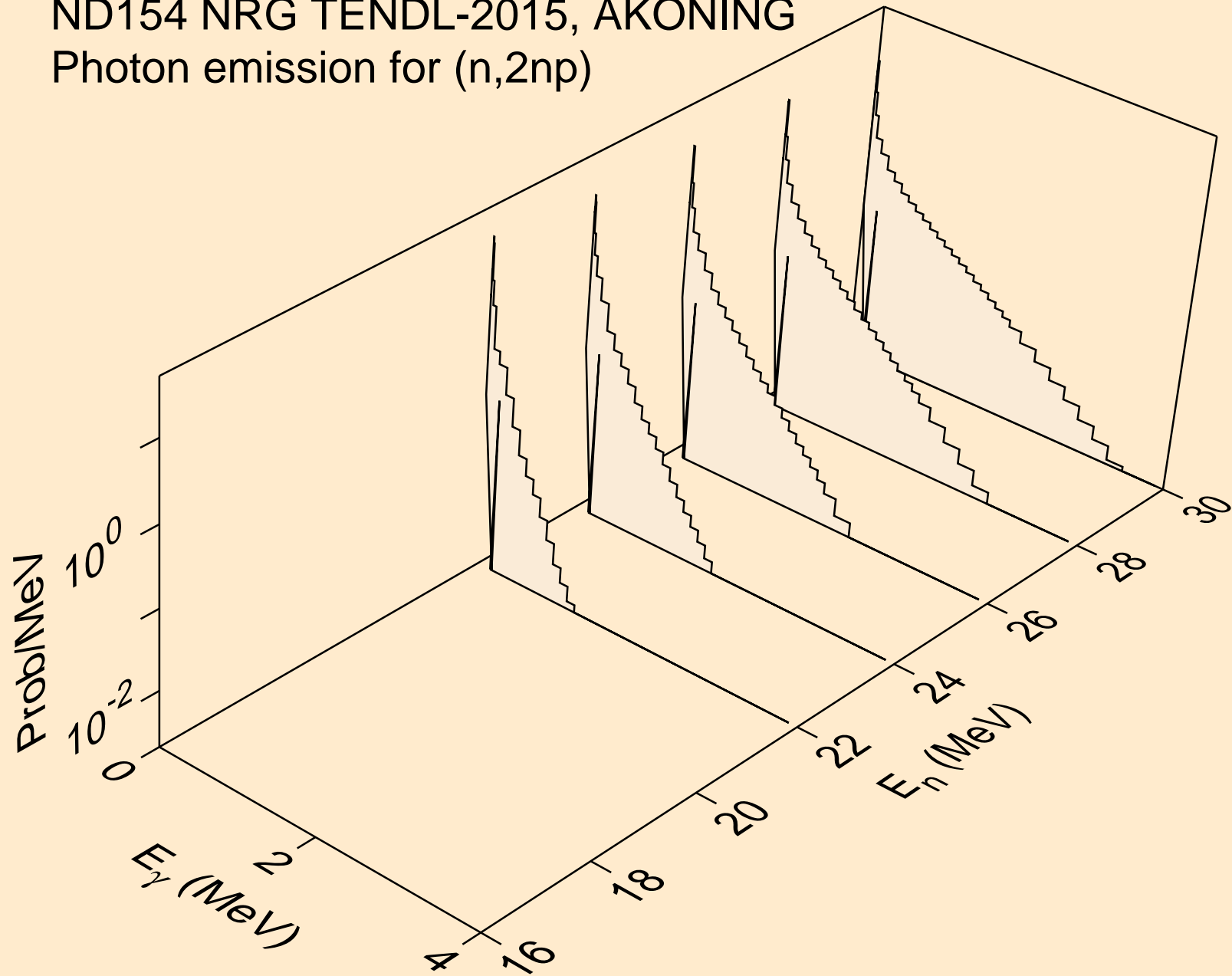
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



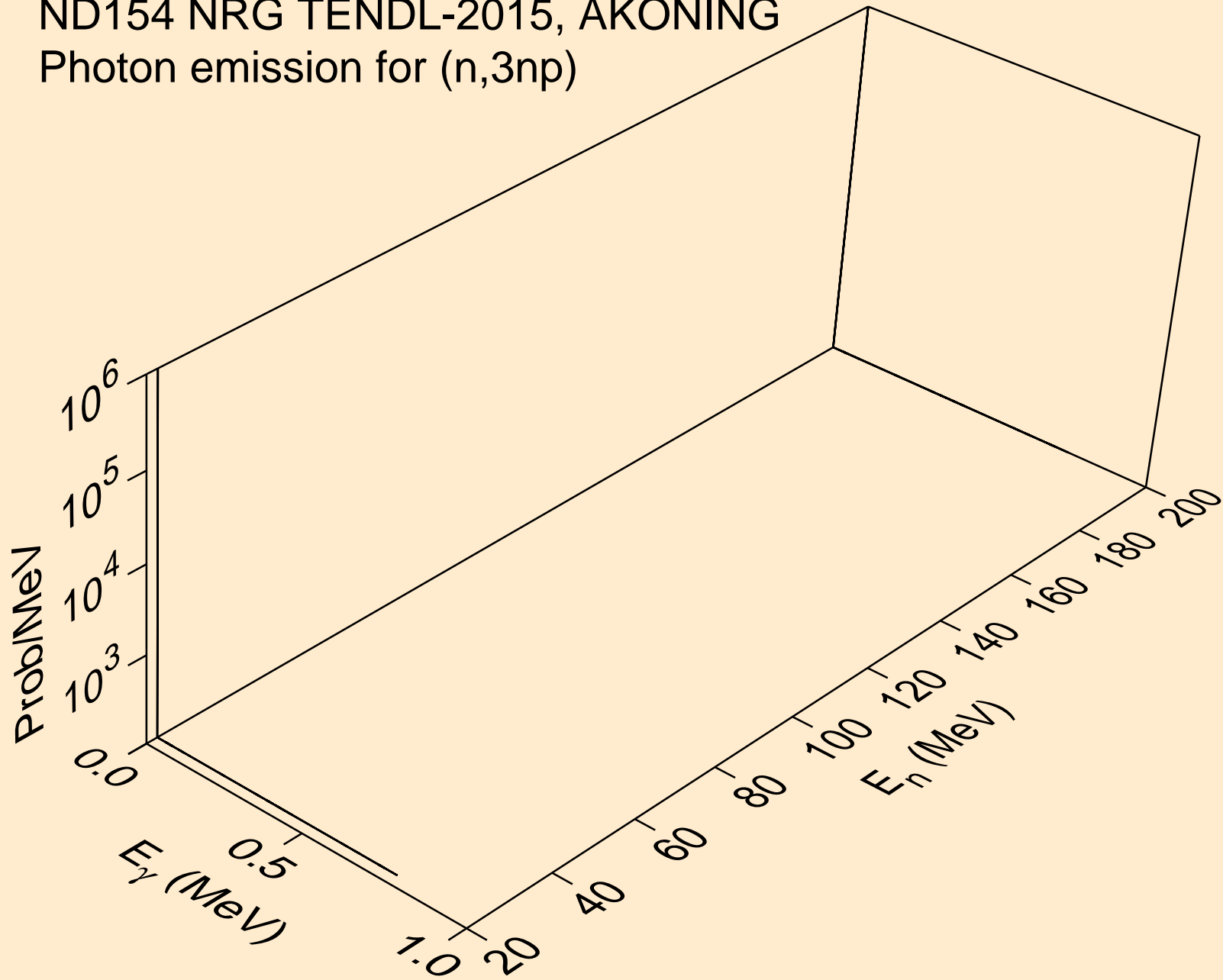
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



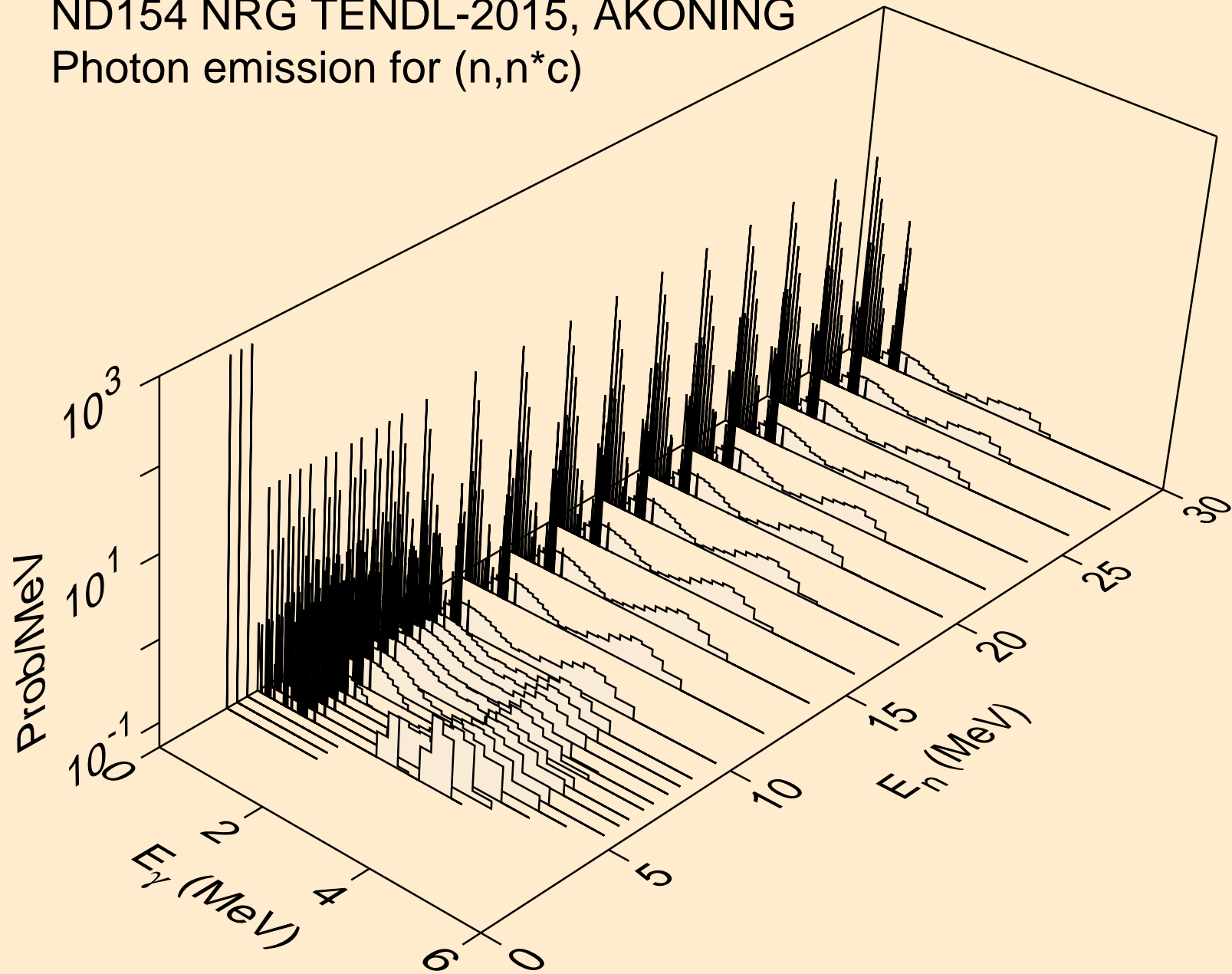
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



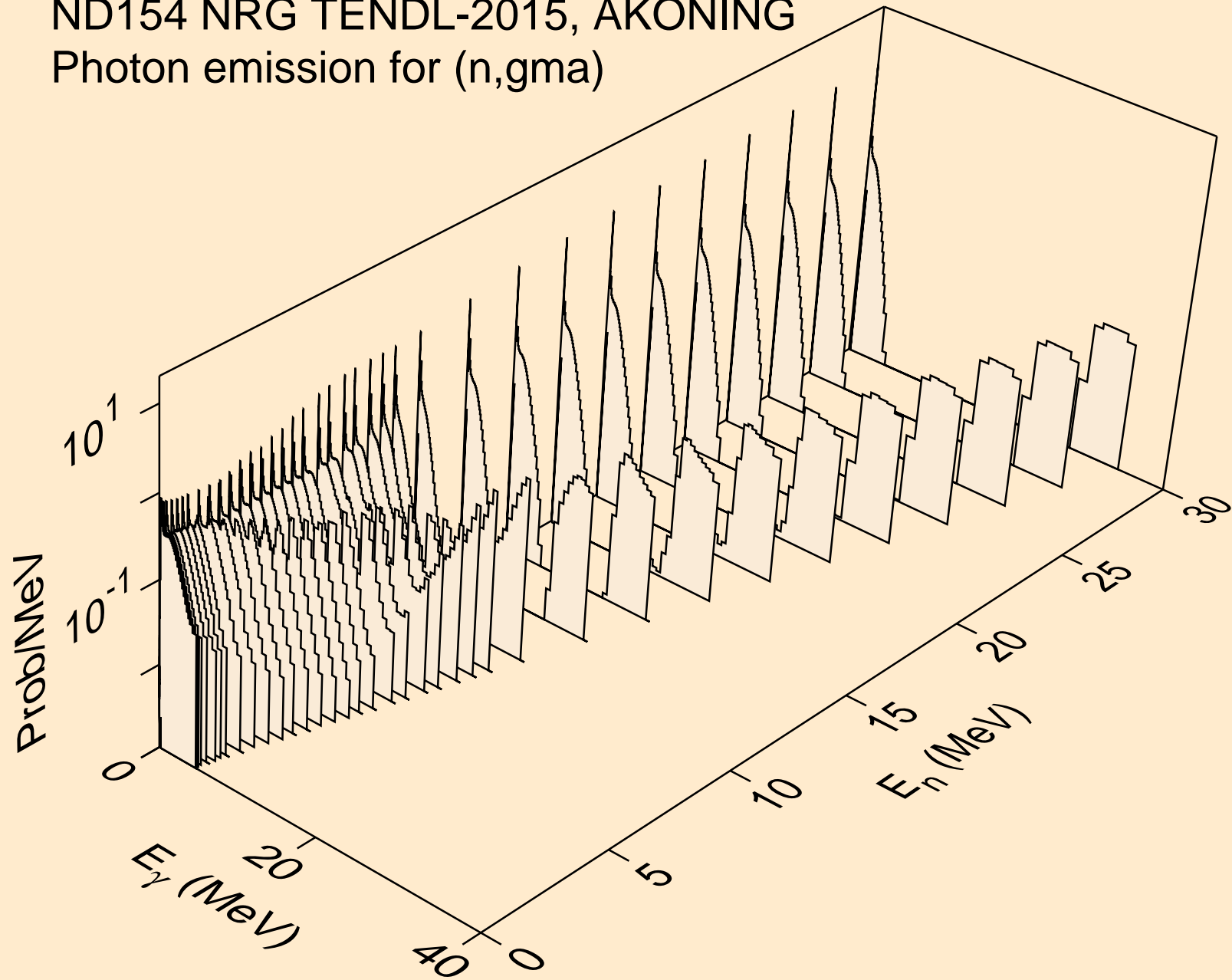
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



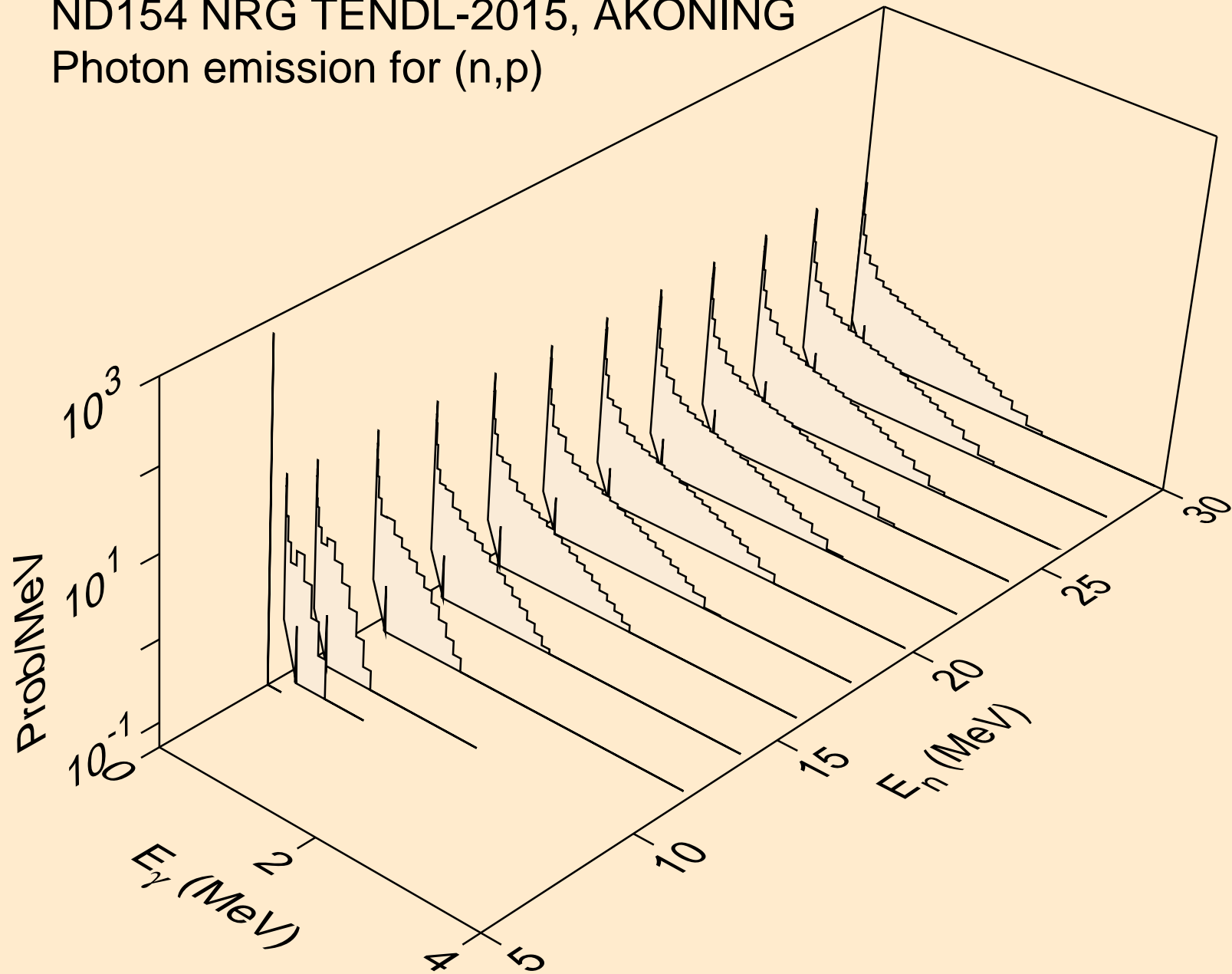
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



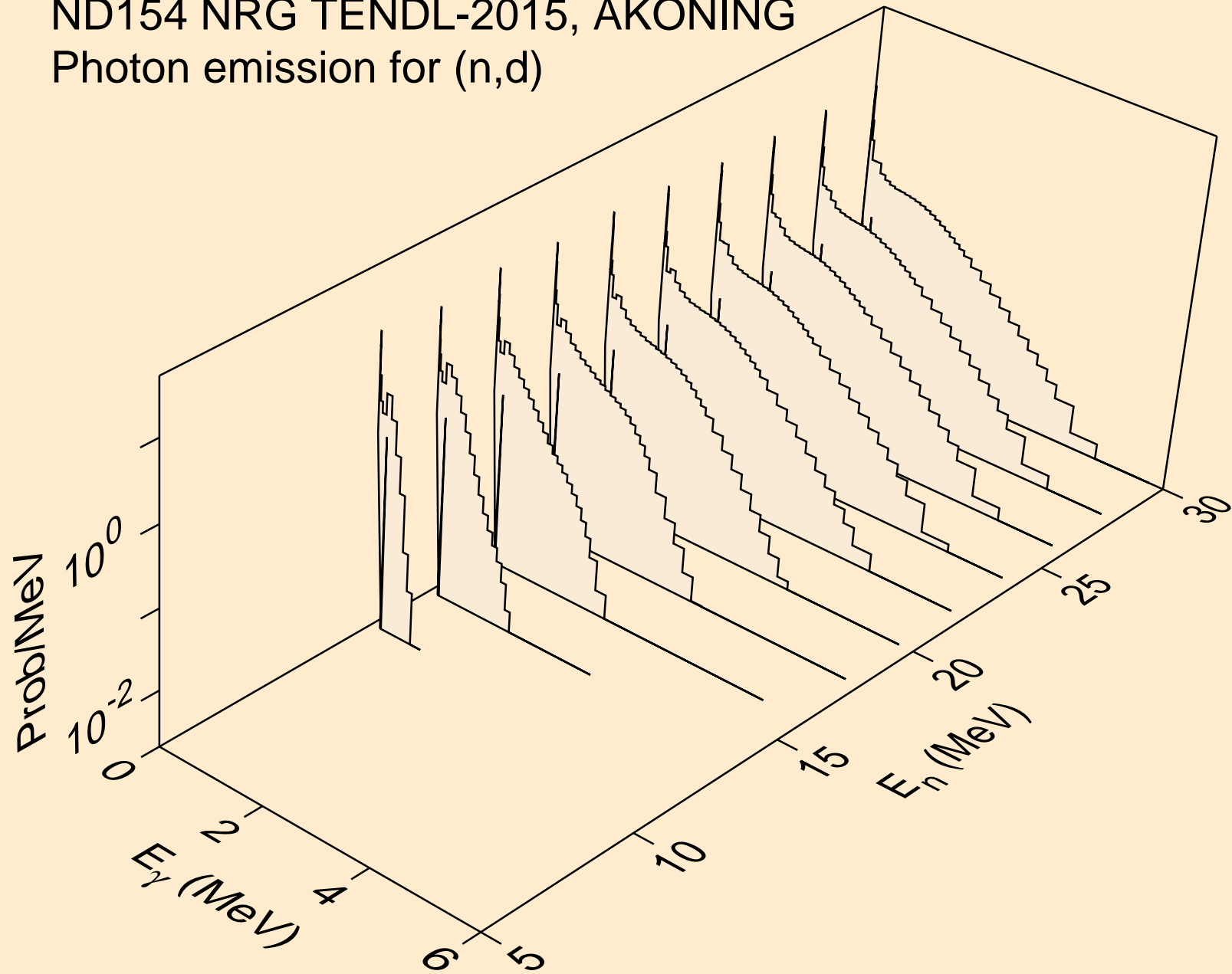
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

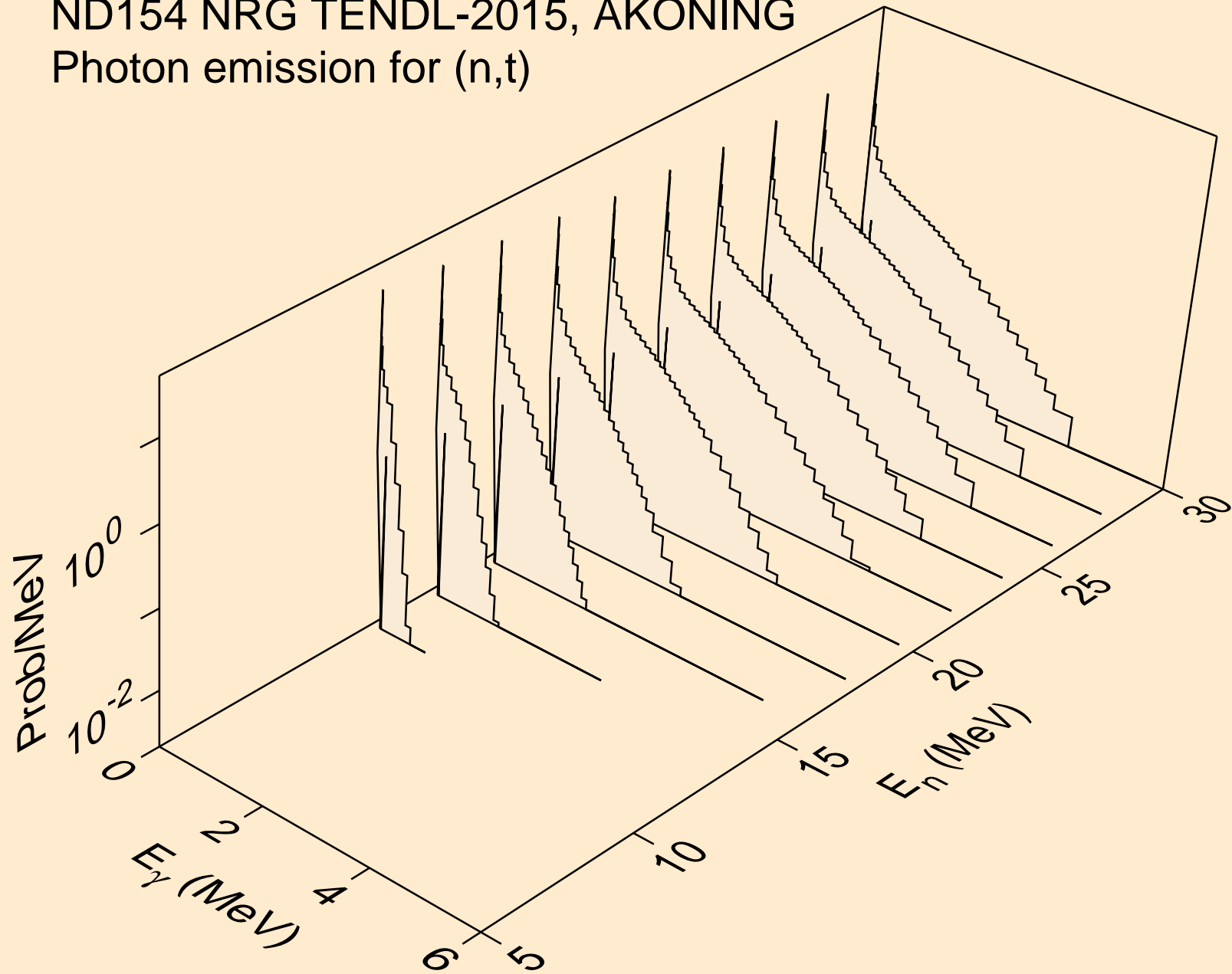


ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

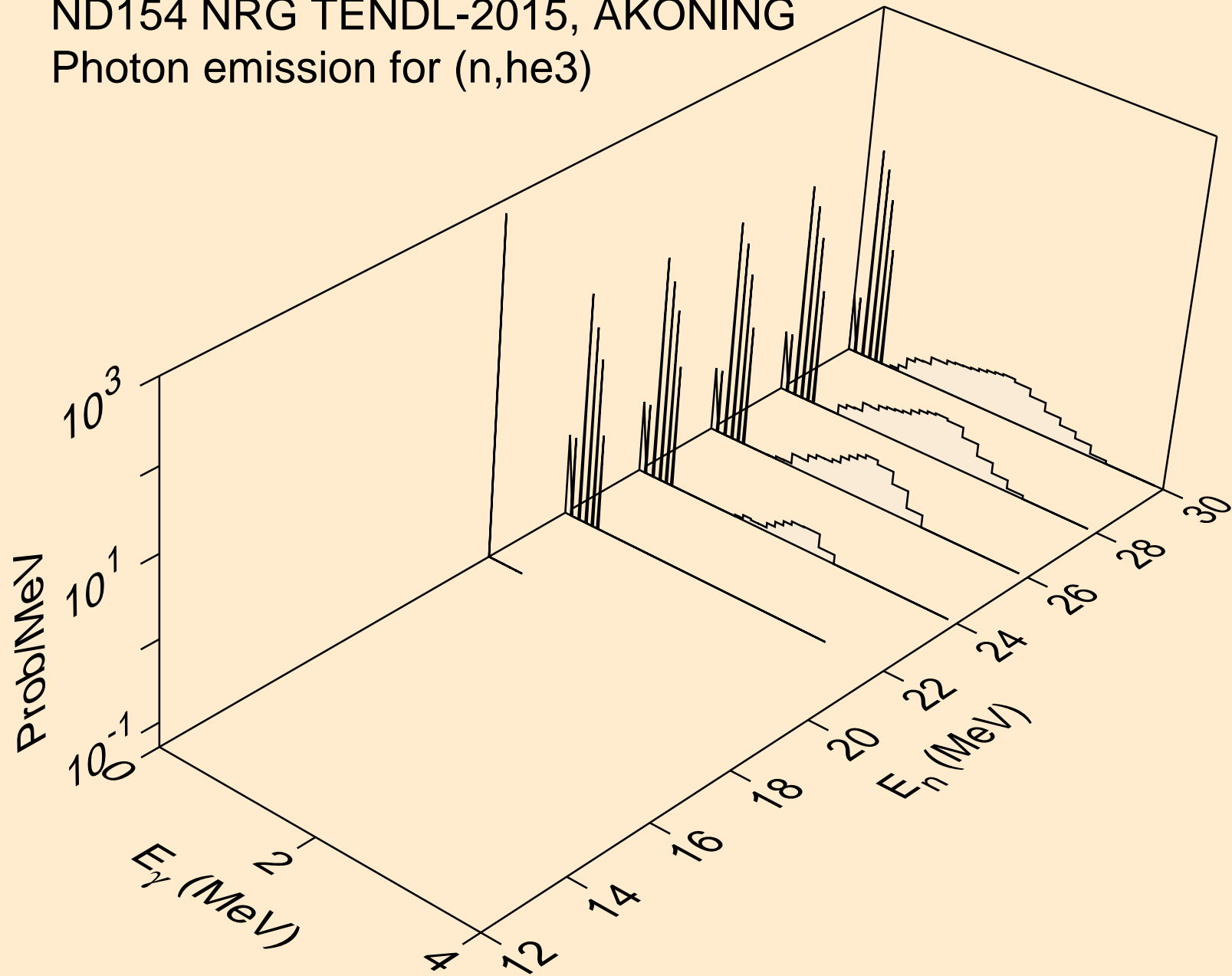




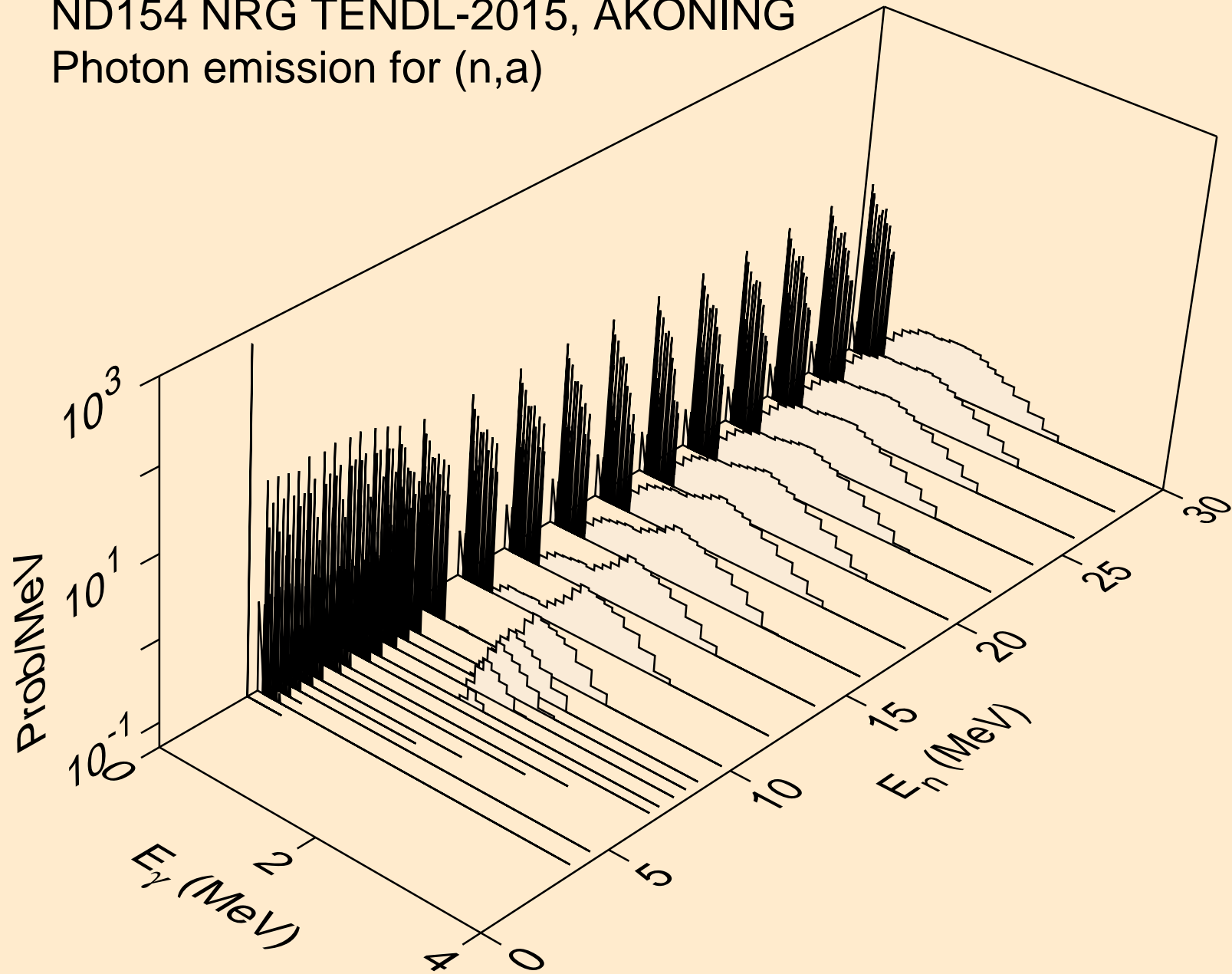
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



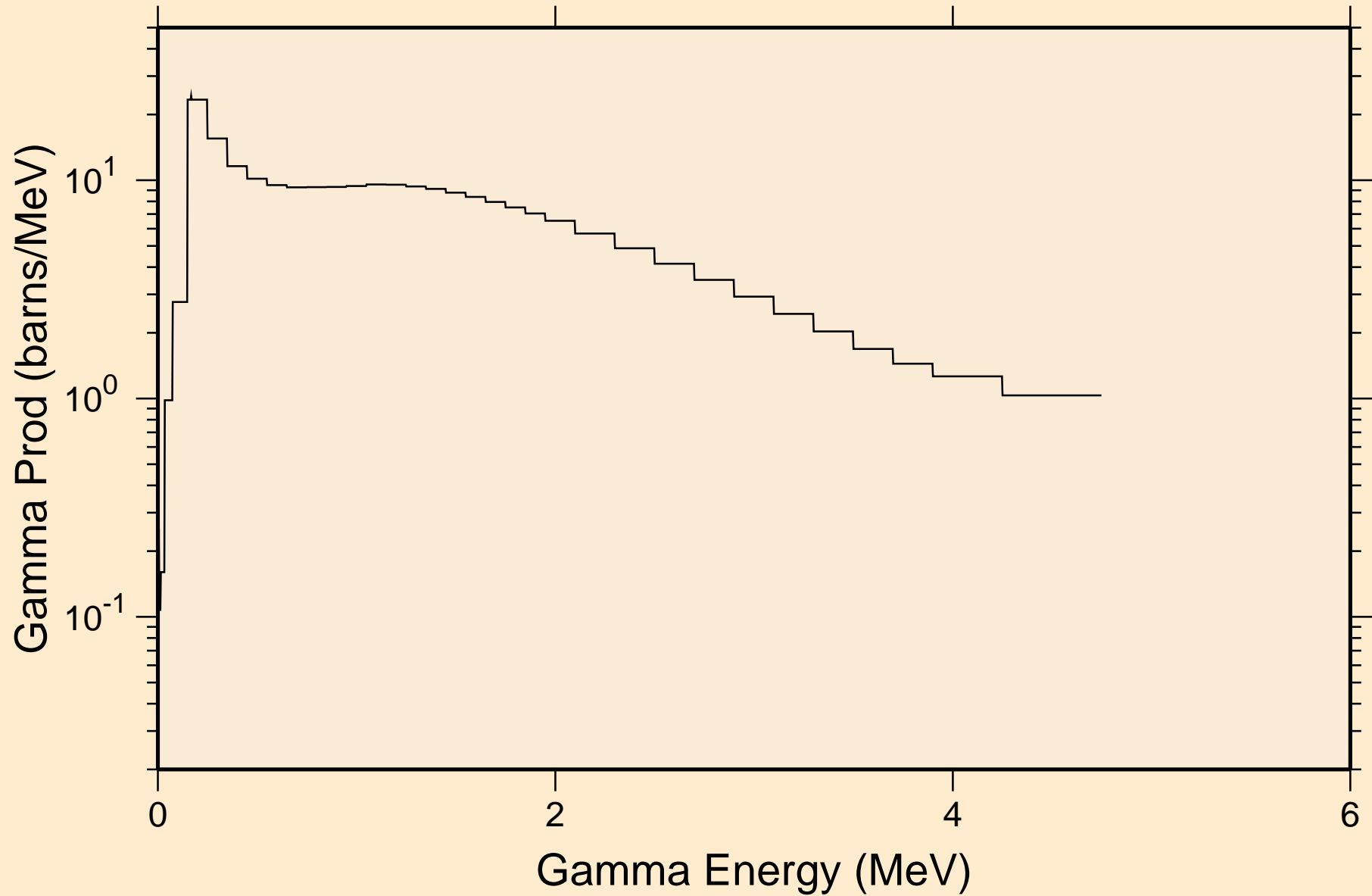
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



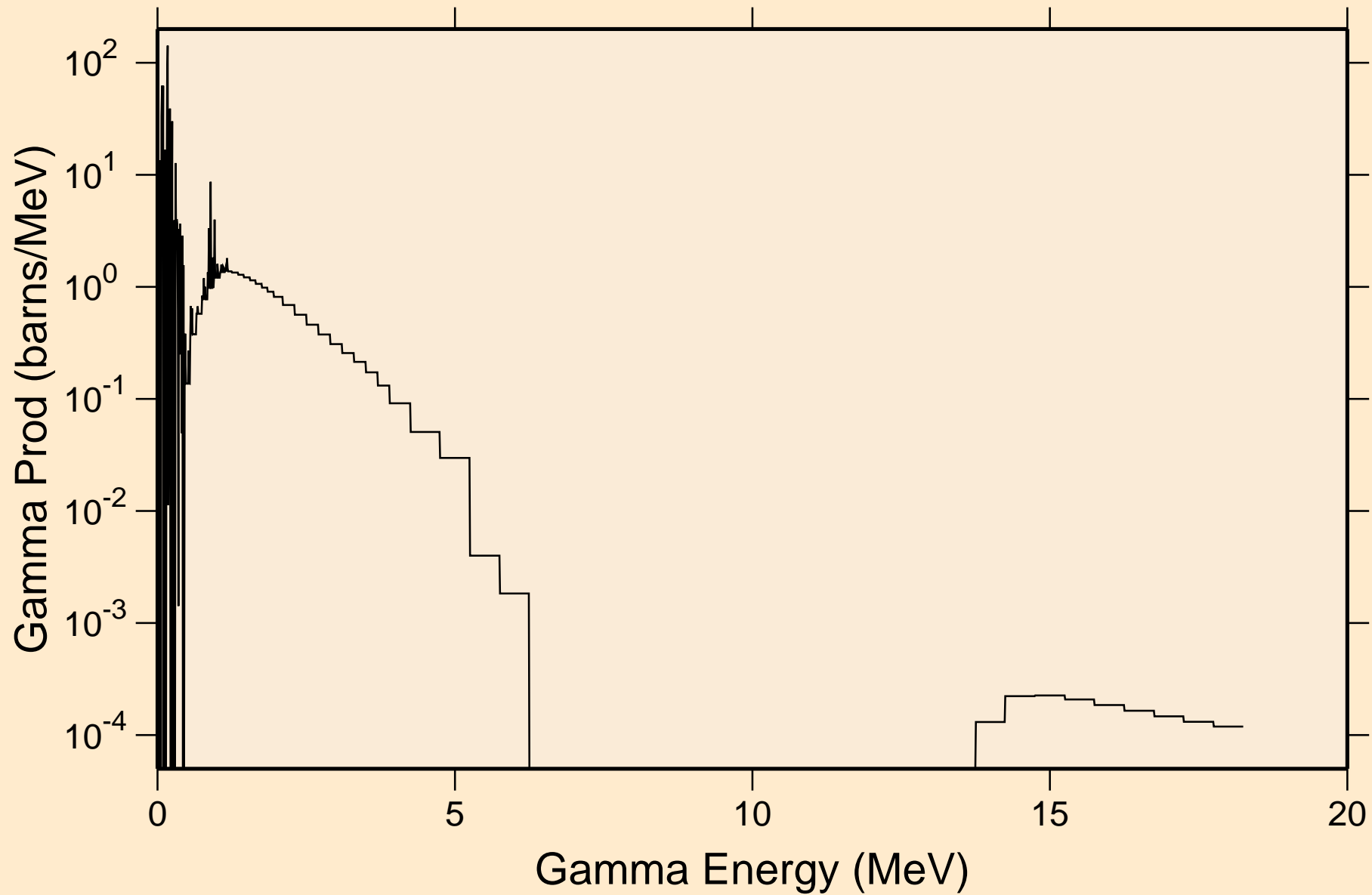
ND154 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



ND154 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

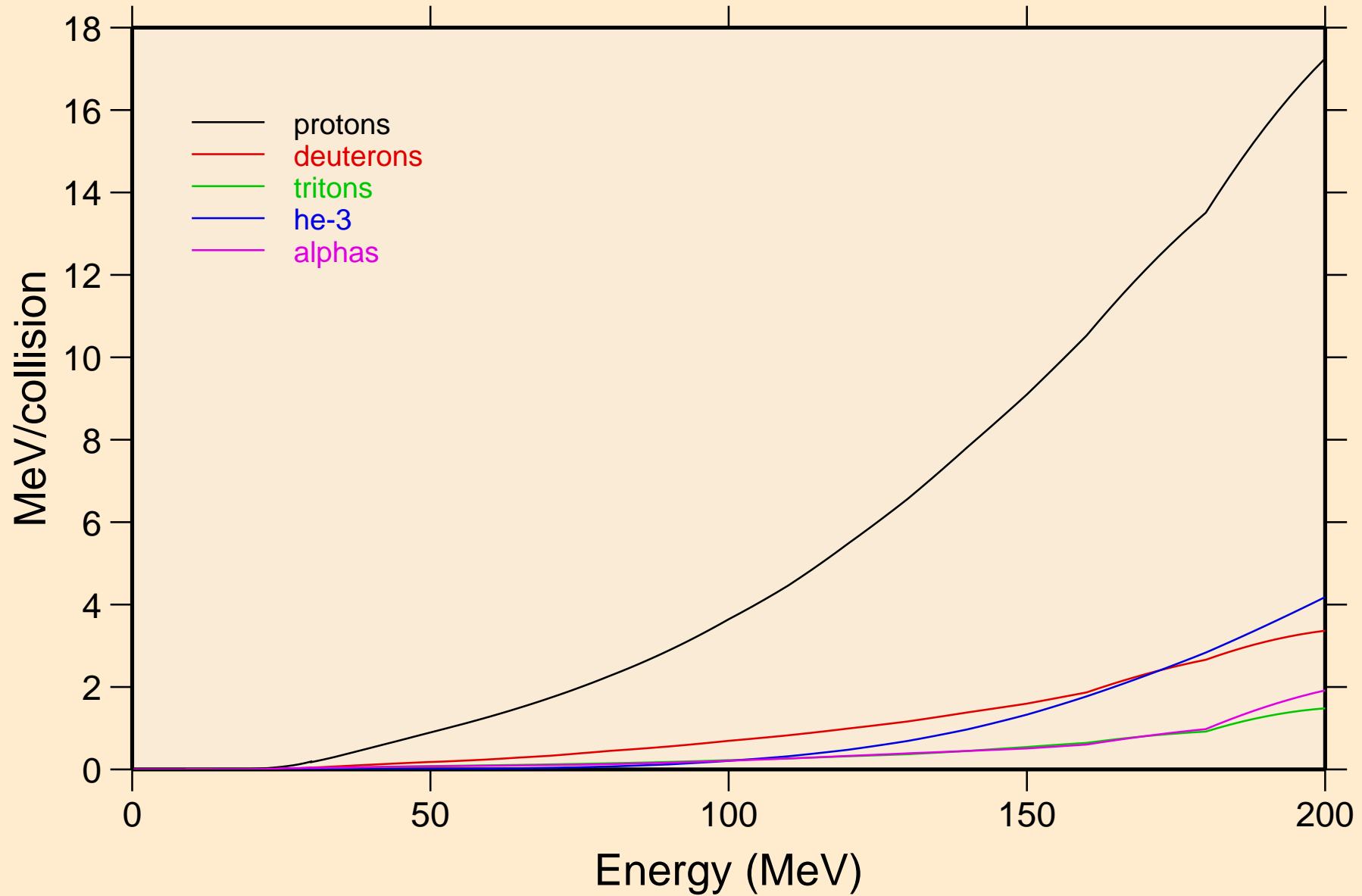


ND154 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



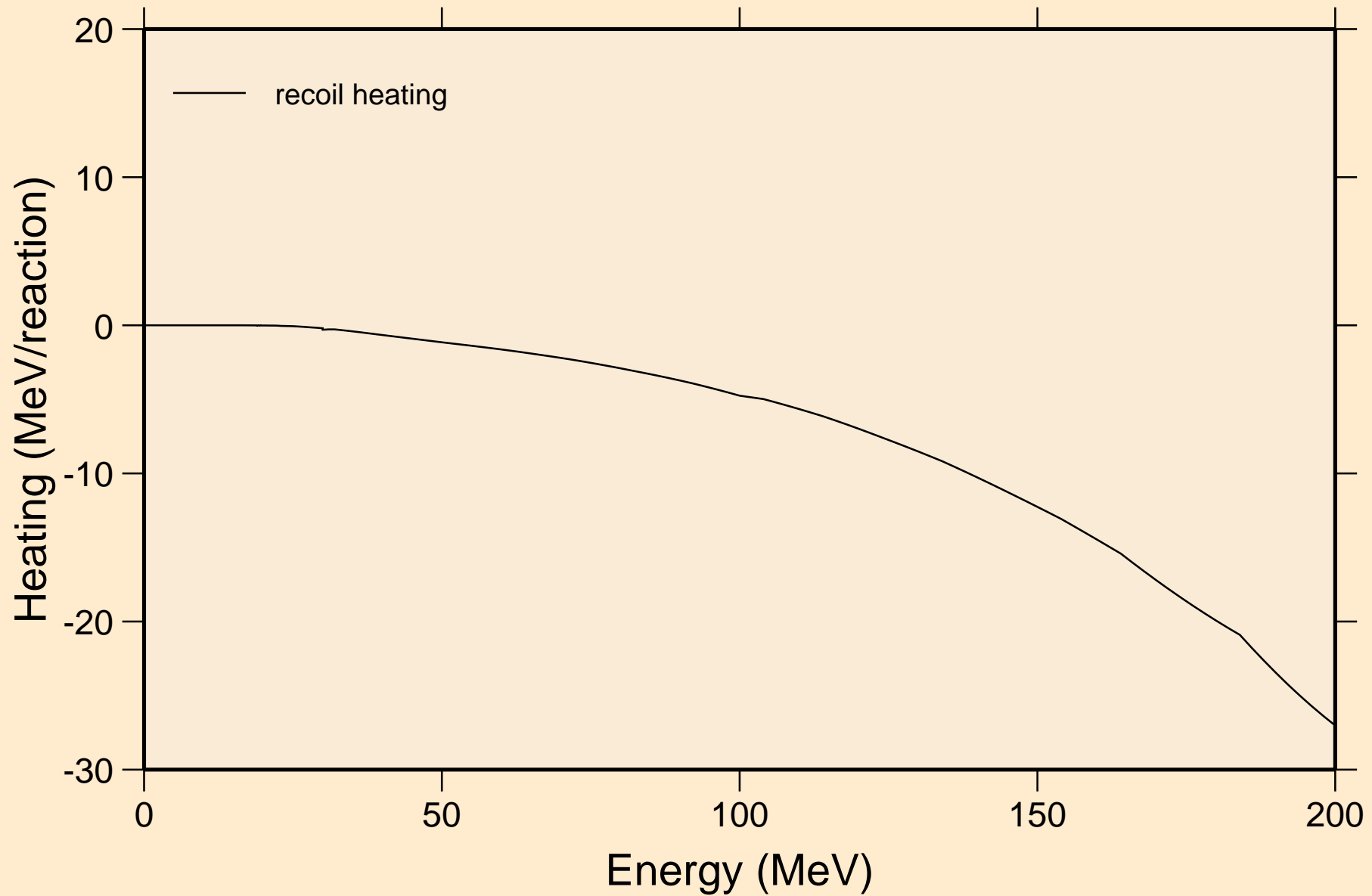
# ND154 NRG TENDL-2015, AKONING

## Particle heating contributions



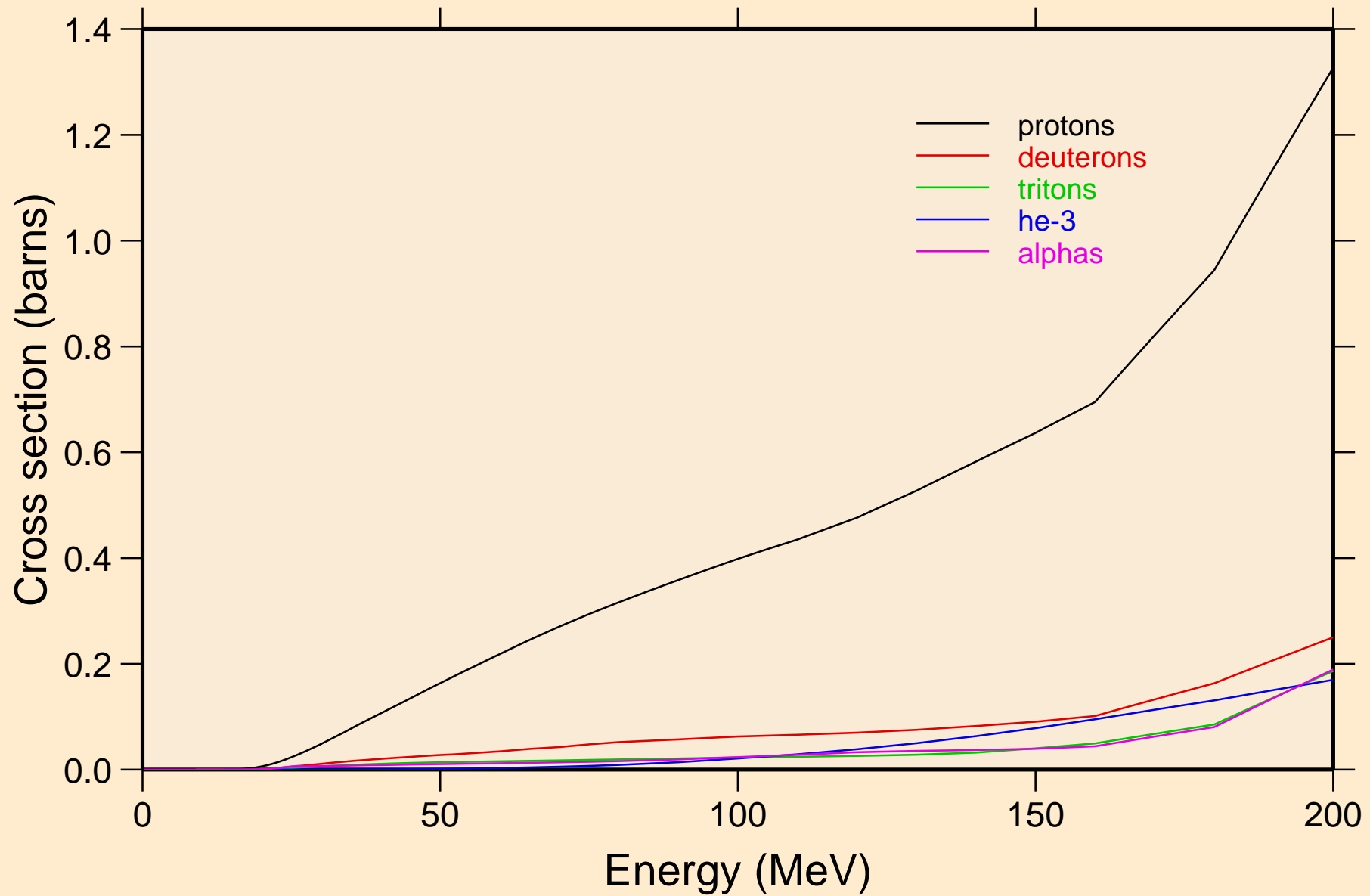
# ND154 NRG TENDL-2015, AKONING

## Recoil Heating



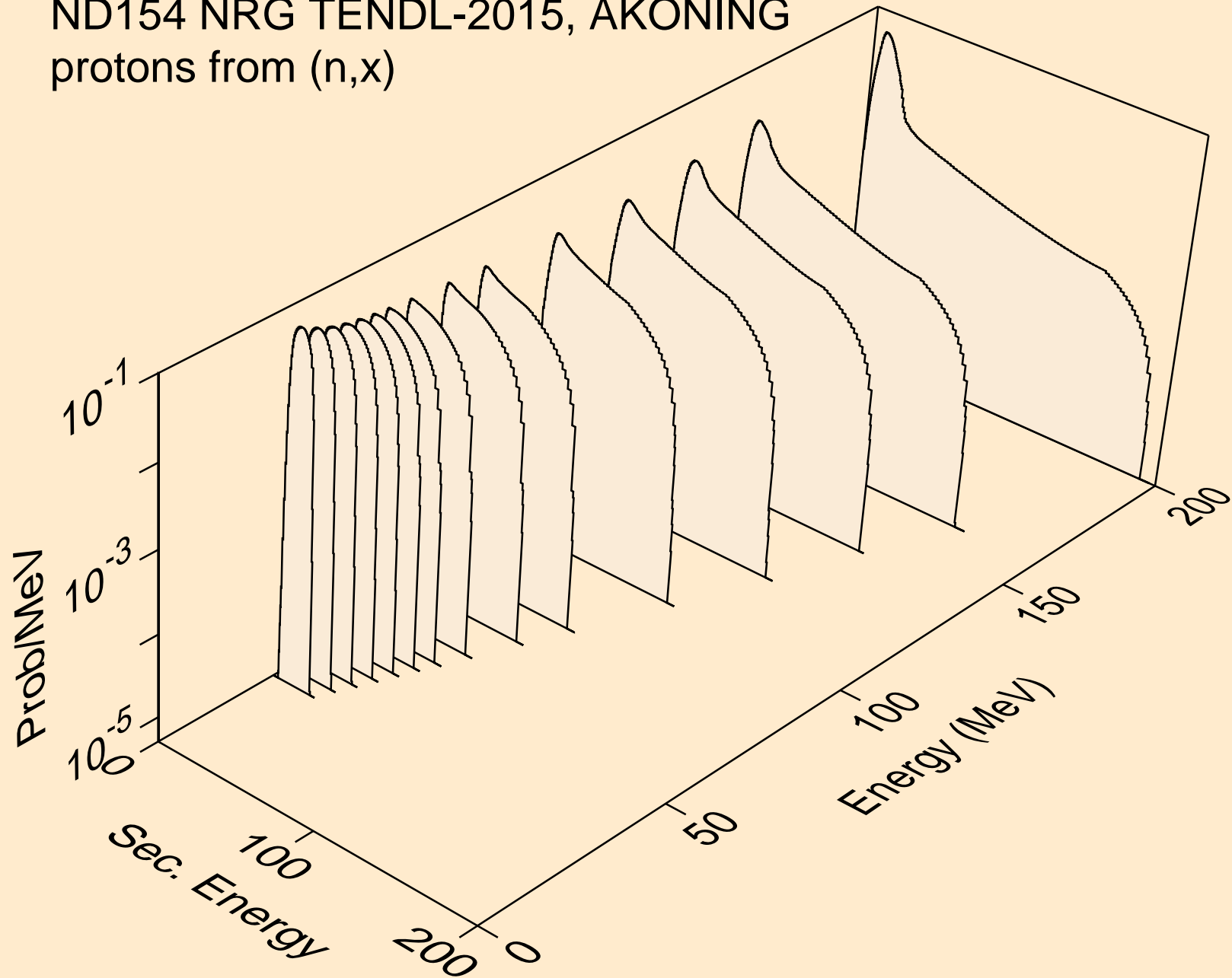
# ND154 NRG TENDL-2015, AKONING

## Particle production cross sections

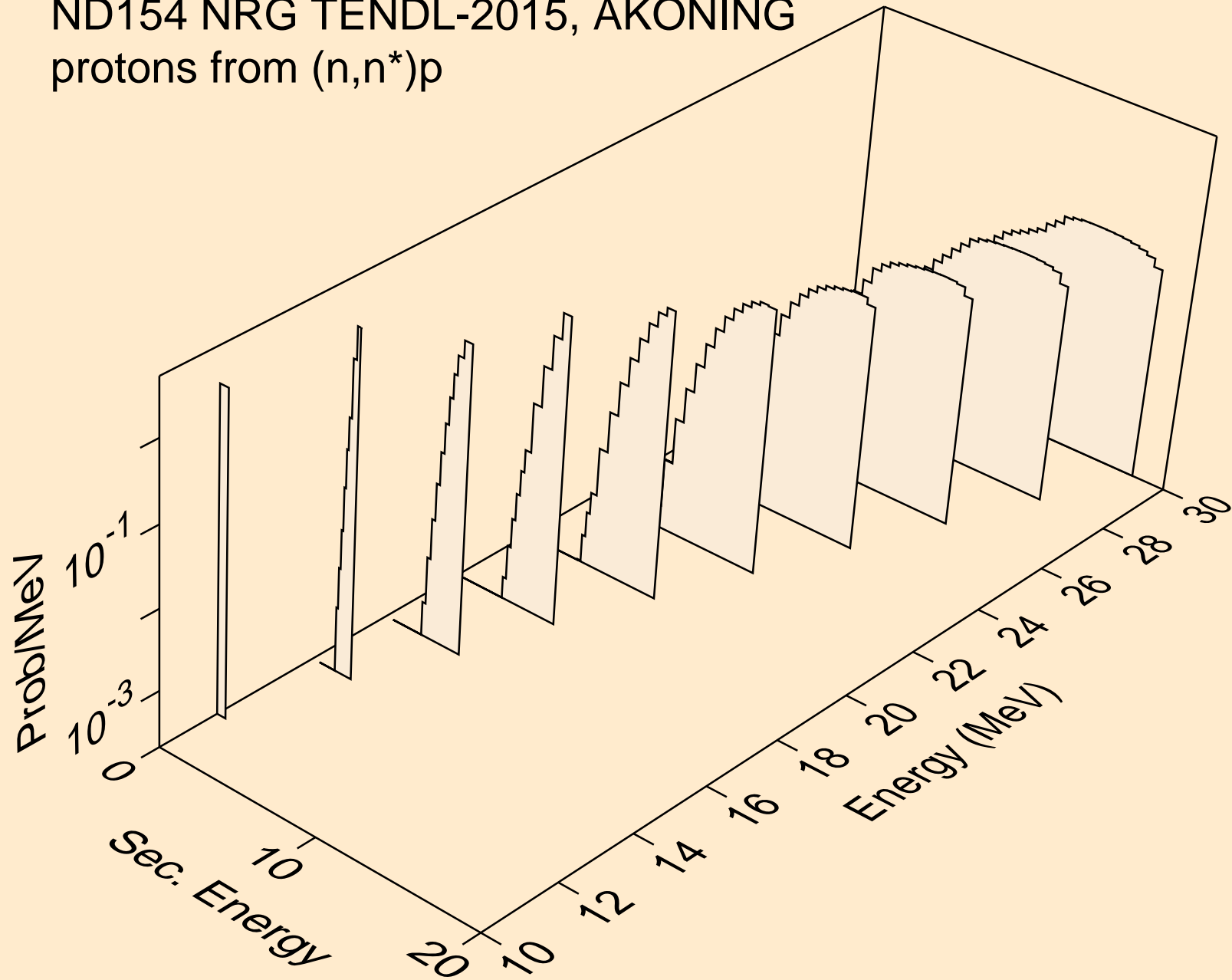




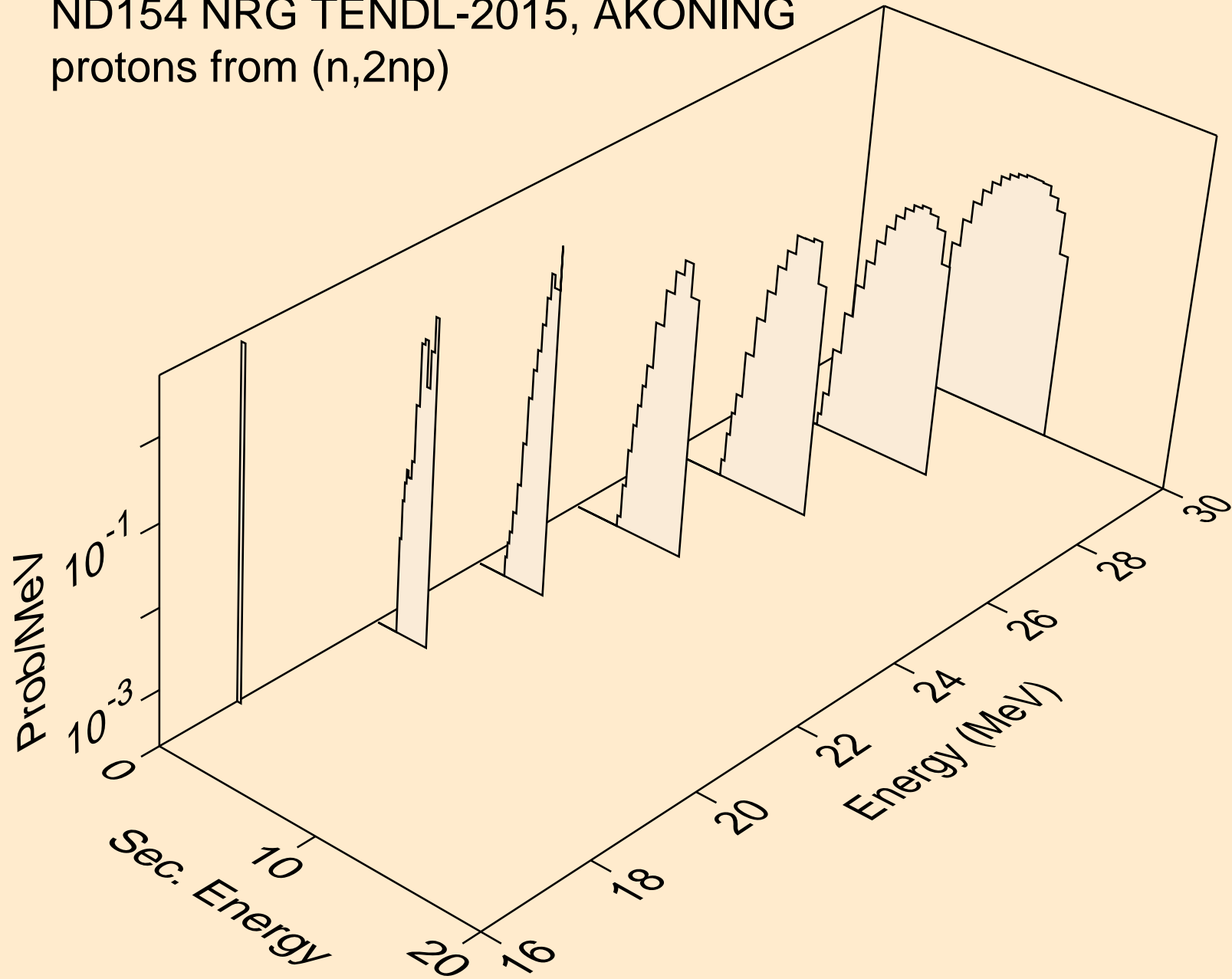
ND154 NRG TENDL-2015, AKONING  
protons from (n,x)



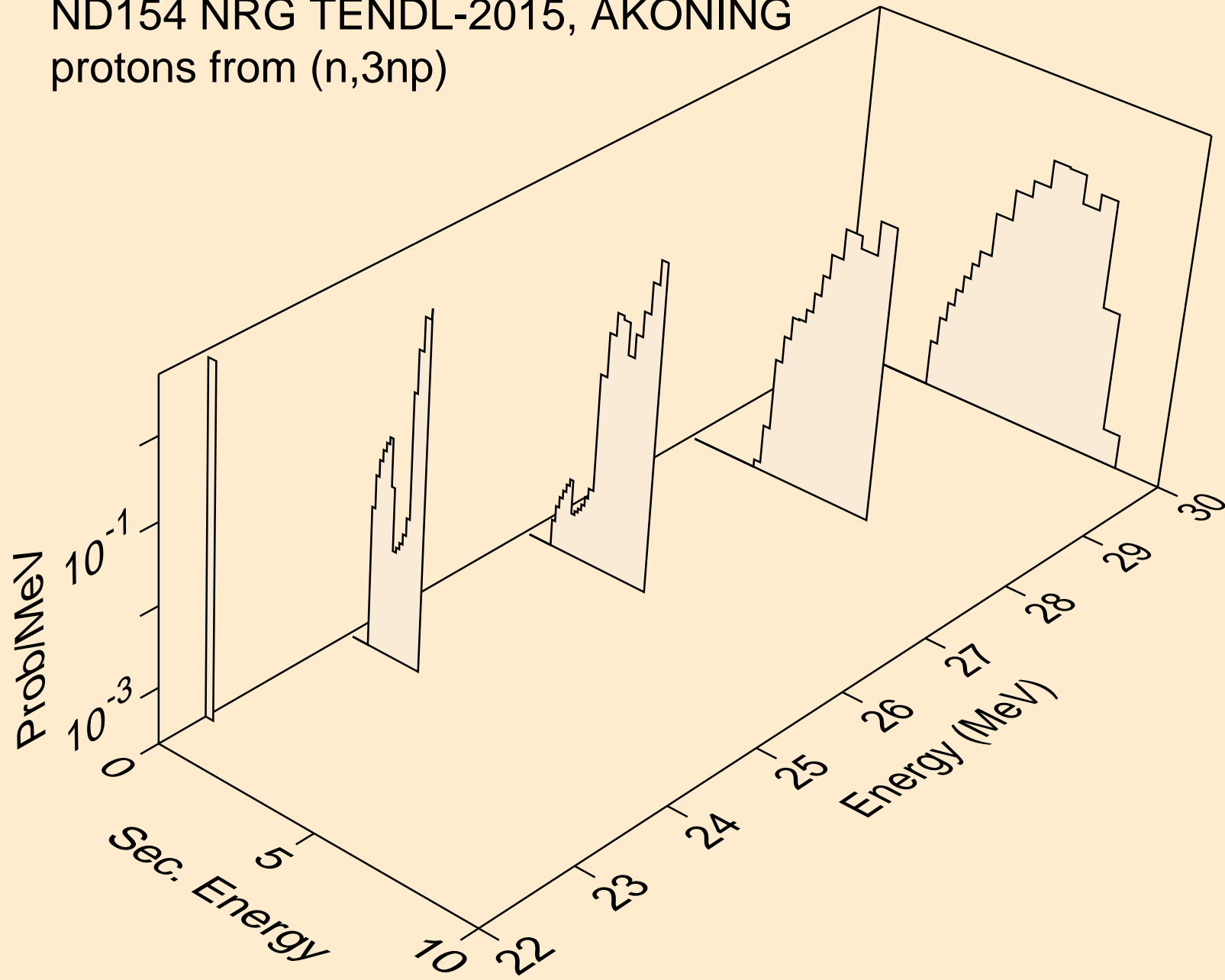
ND154 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



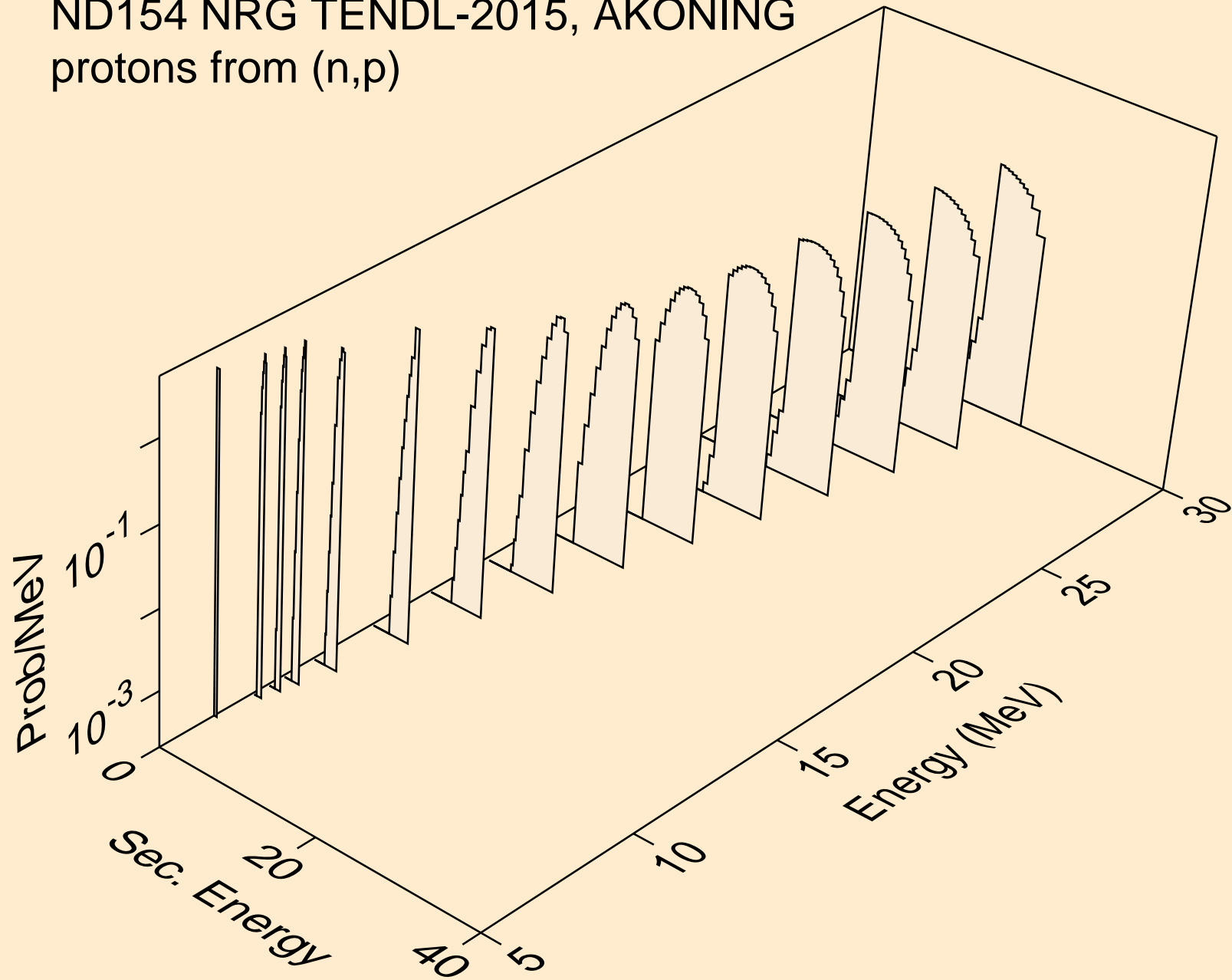
ND154 NRG TENDL-2015, AKONING  
protons from (n,2np)



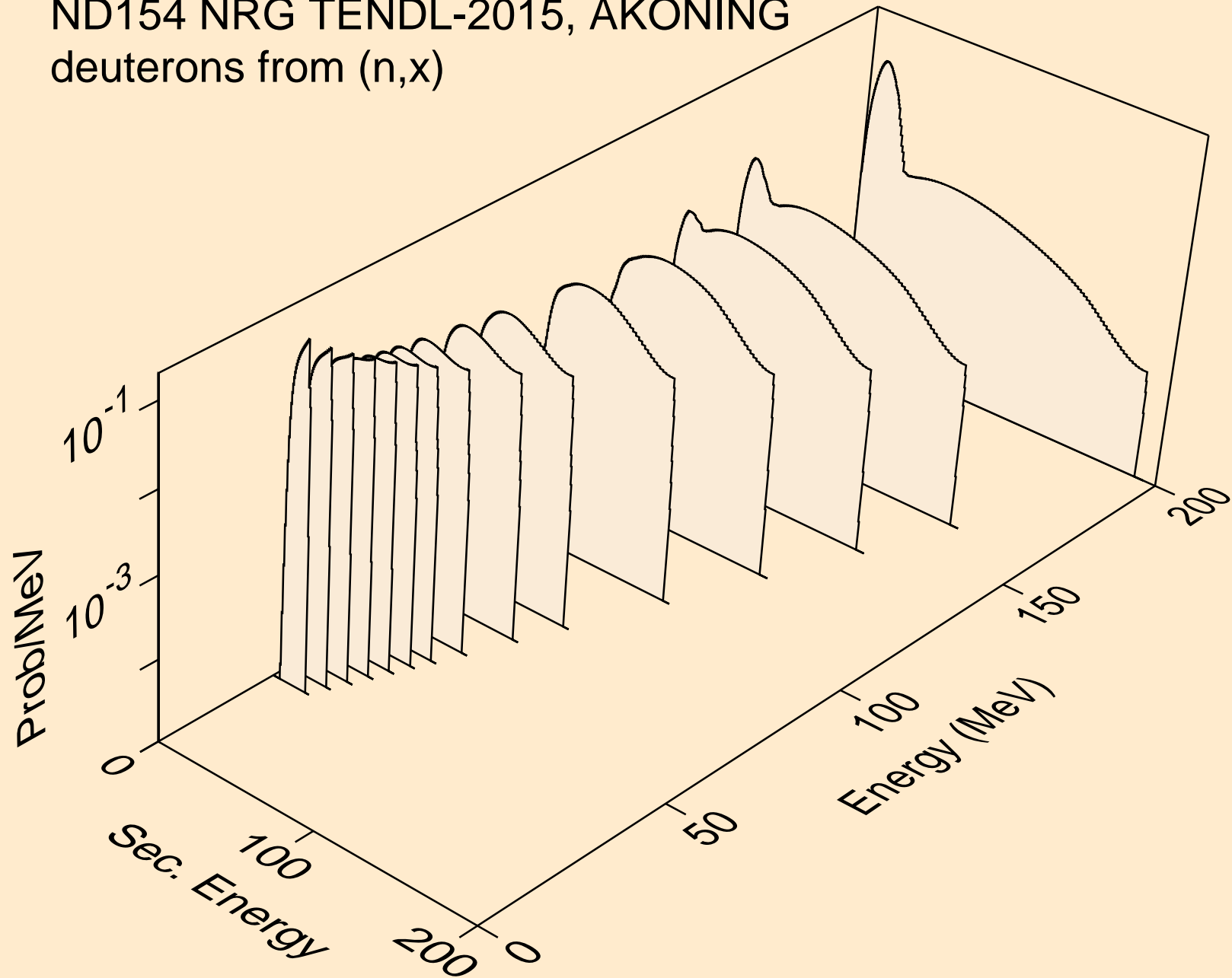
ND154 NRG TENDL-2015, AKONING  
protons from (n,3np)



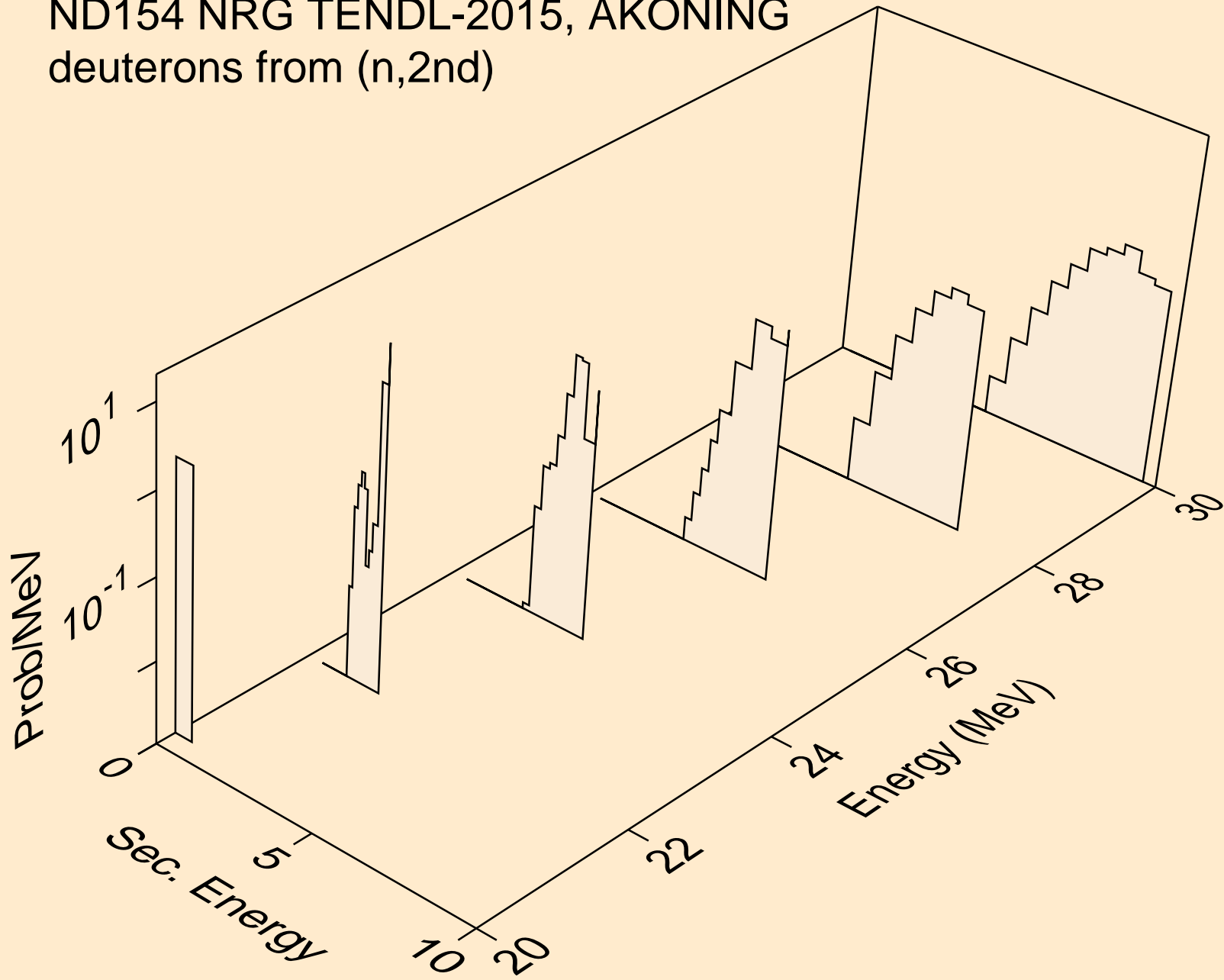
ND154 NRG TENDL-2015, AKONING  
protons from (n,p)



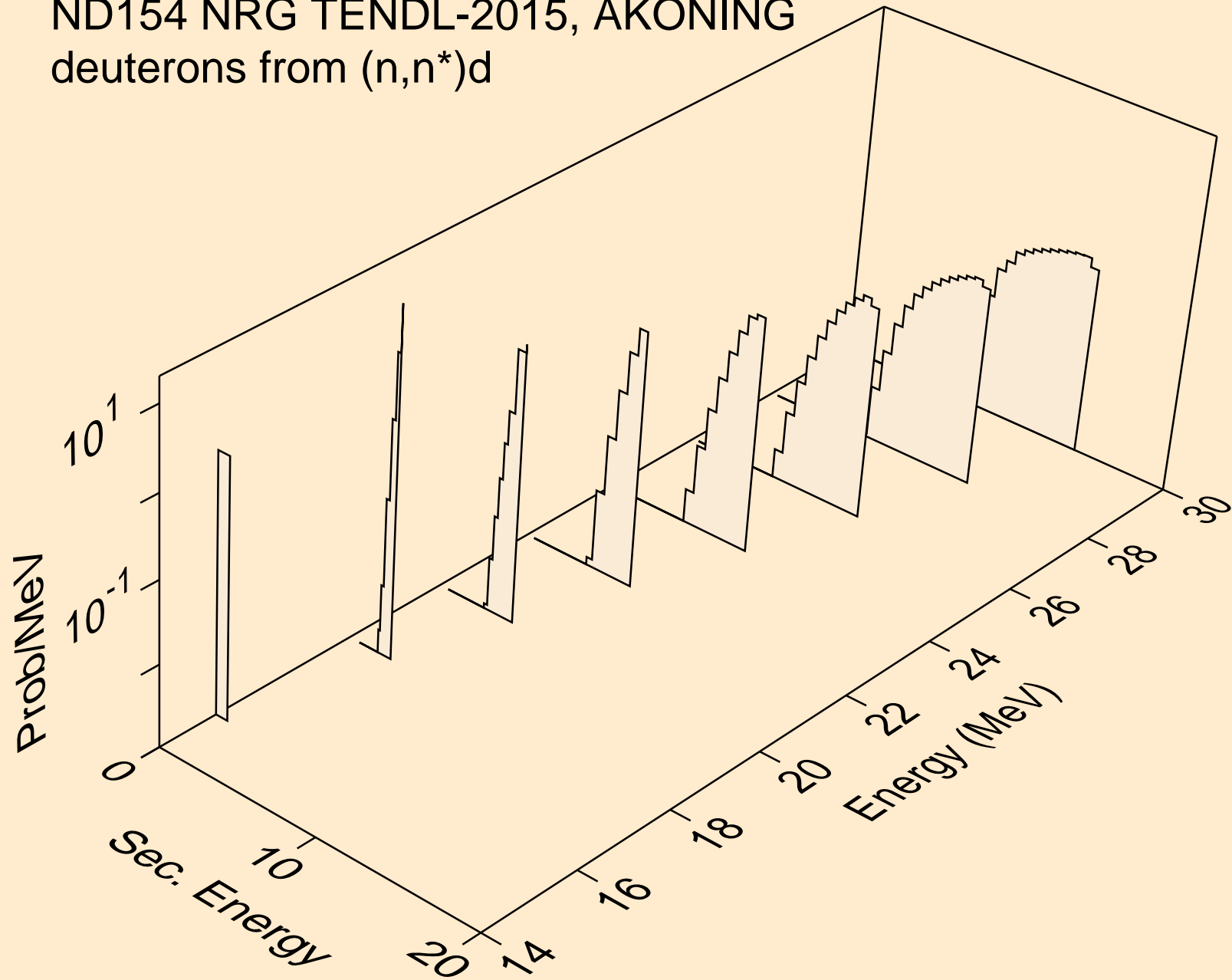
ND154 NRG TENDL-2015, AKONING  
deuterons from (n,x)



ND154 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

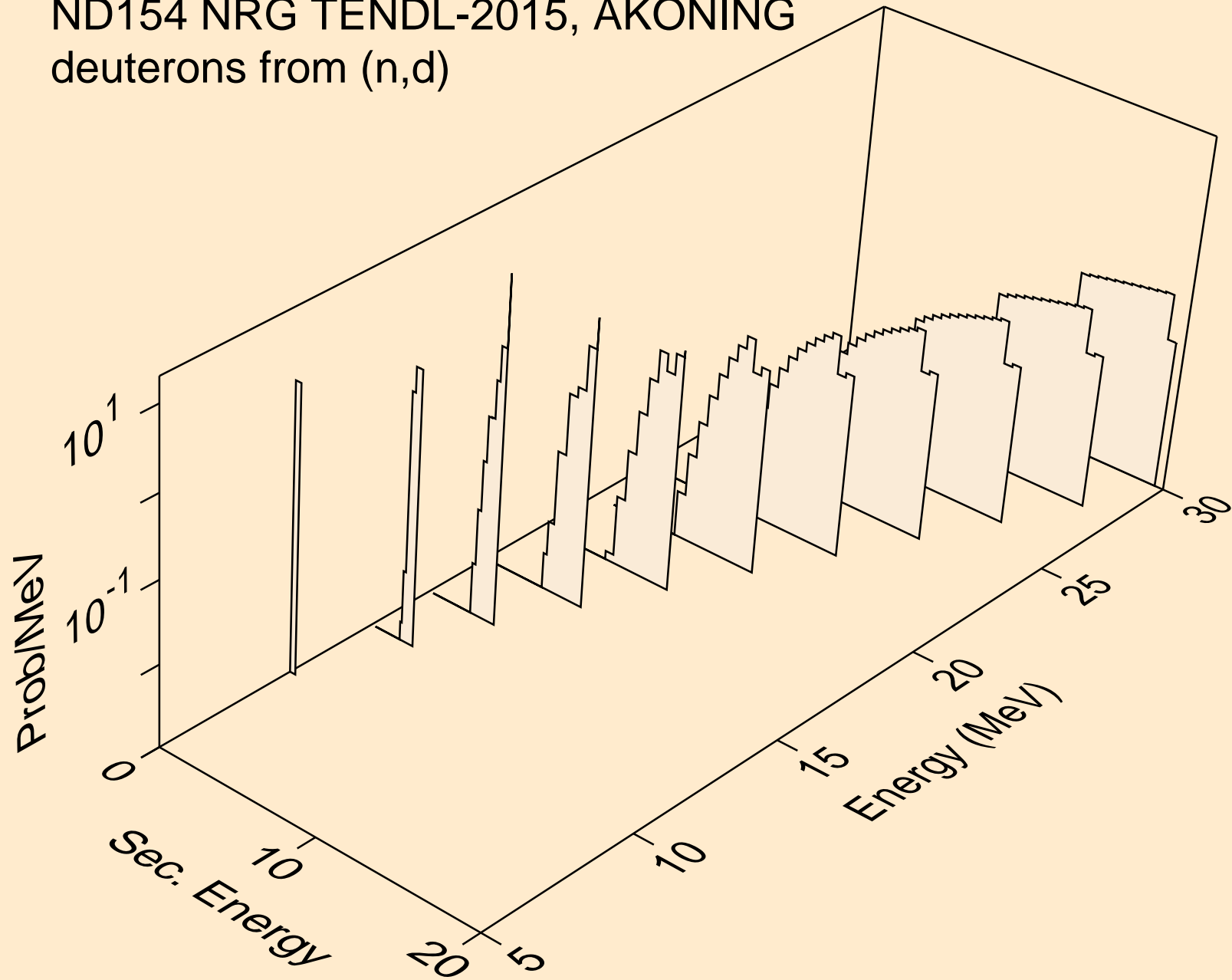


ND154 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

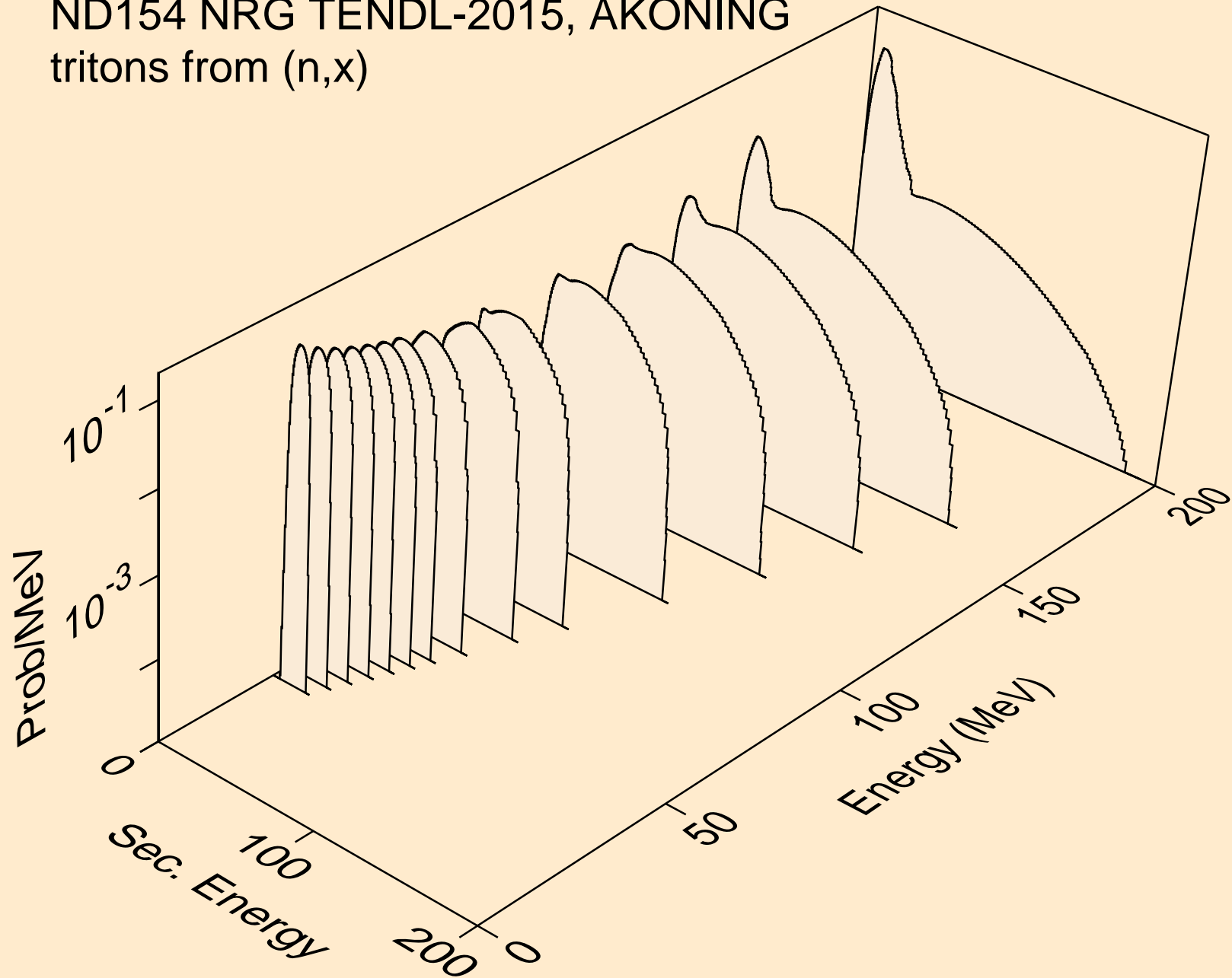




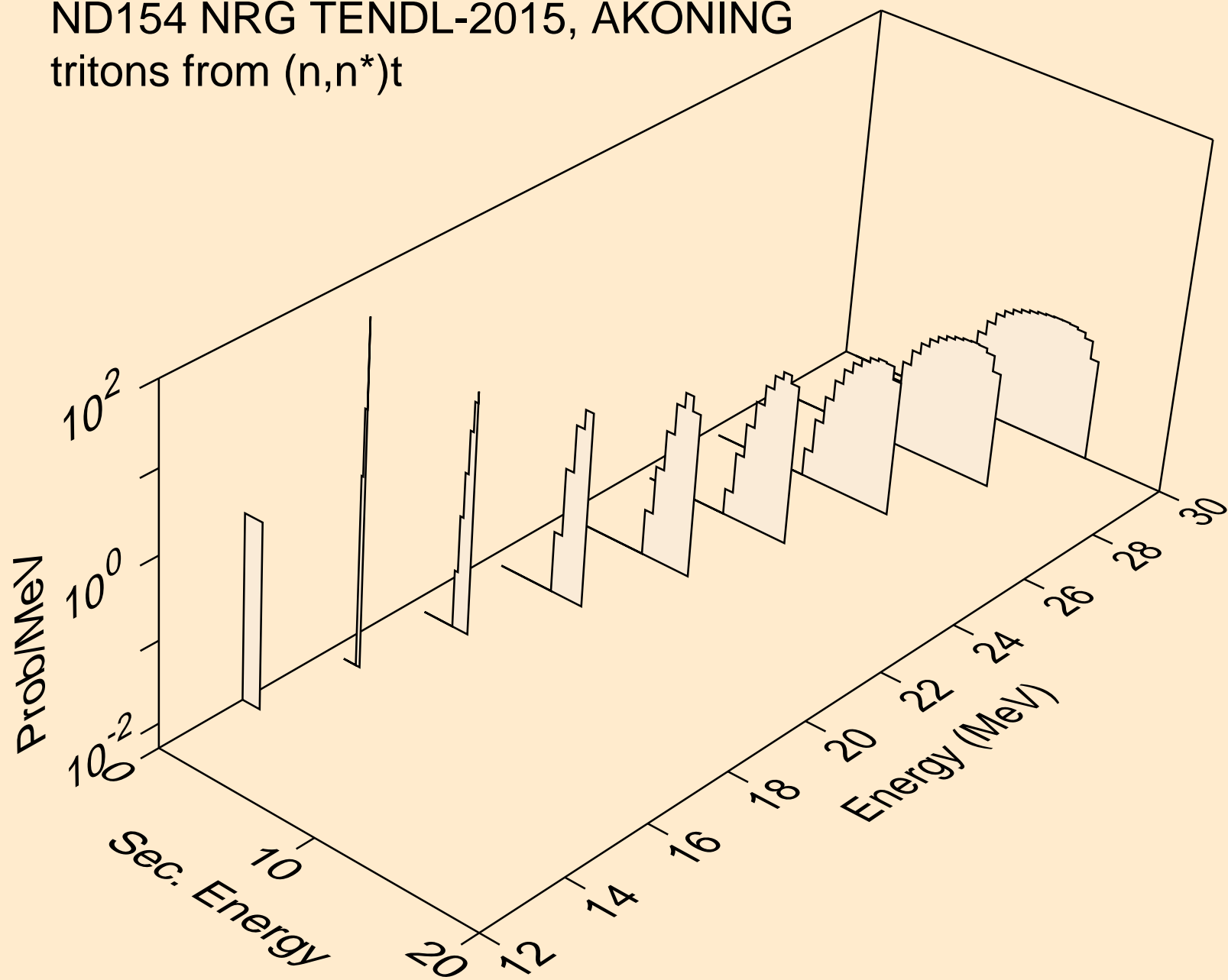
ND154 NRG TENDL-2015, AKONING  
deuterons from (n,d)



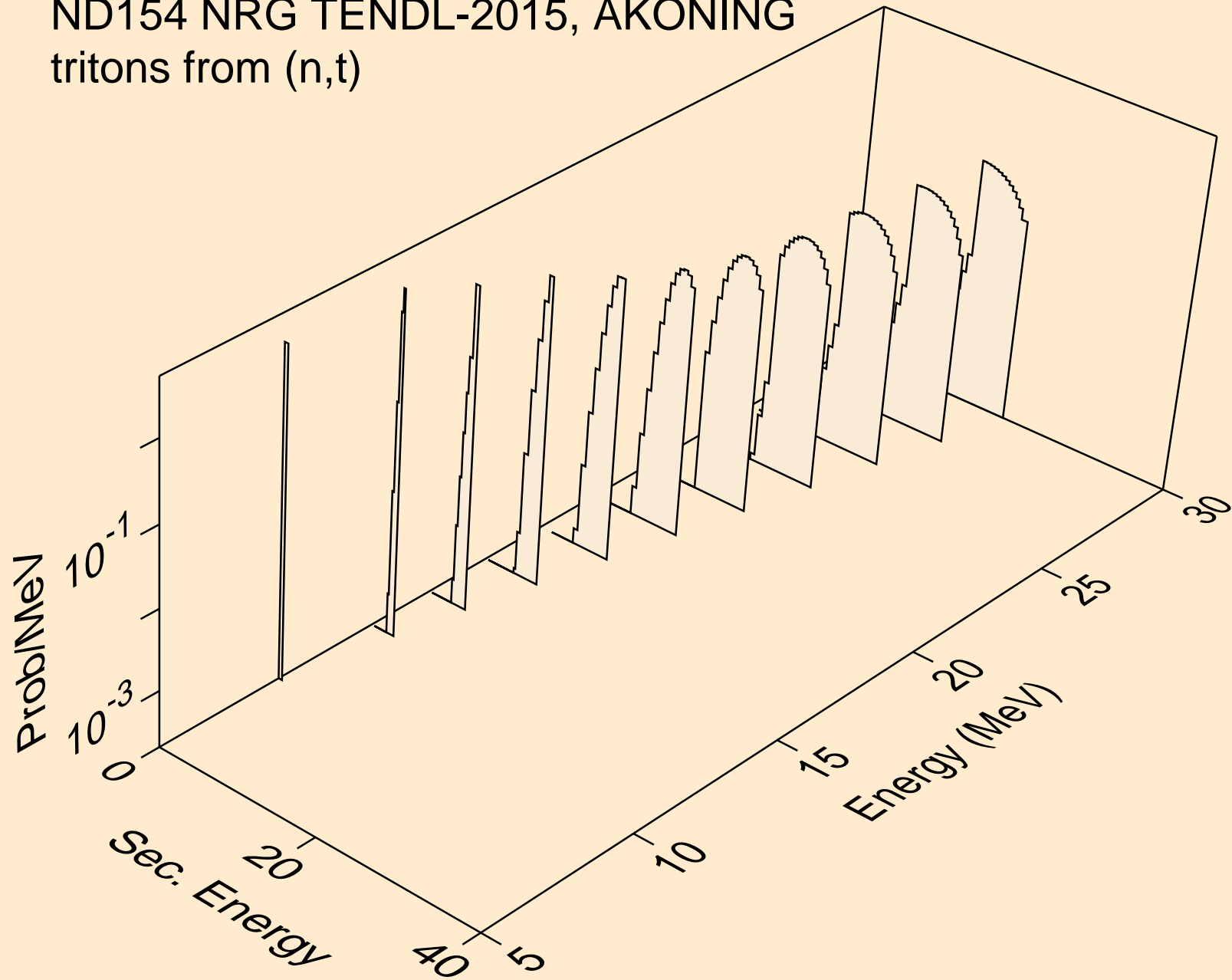
ND154 NRG TENDL-2015, AKONING  
tritons from (n,x)



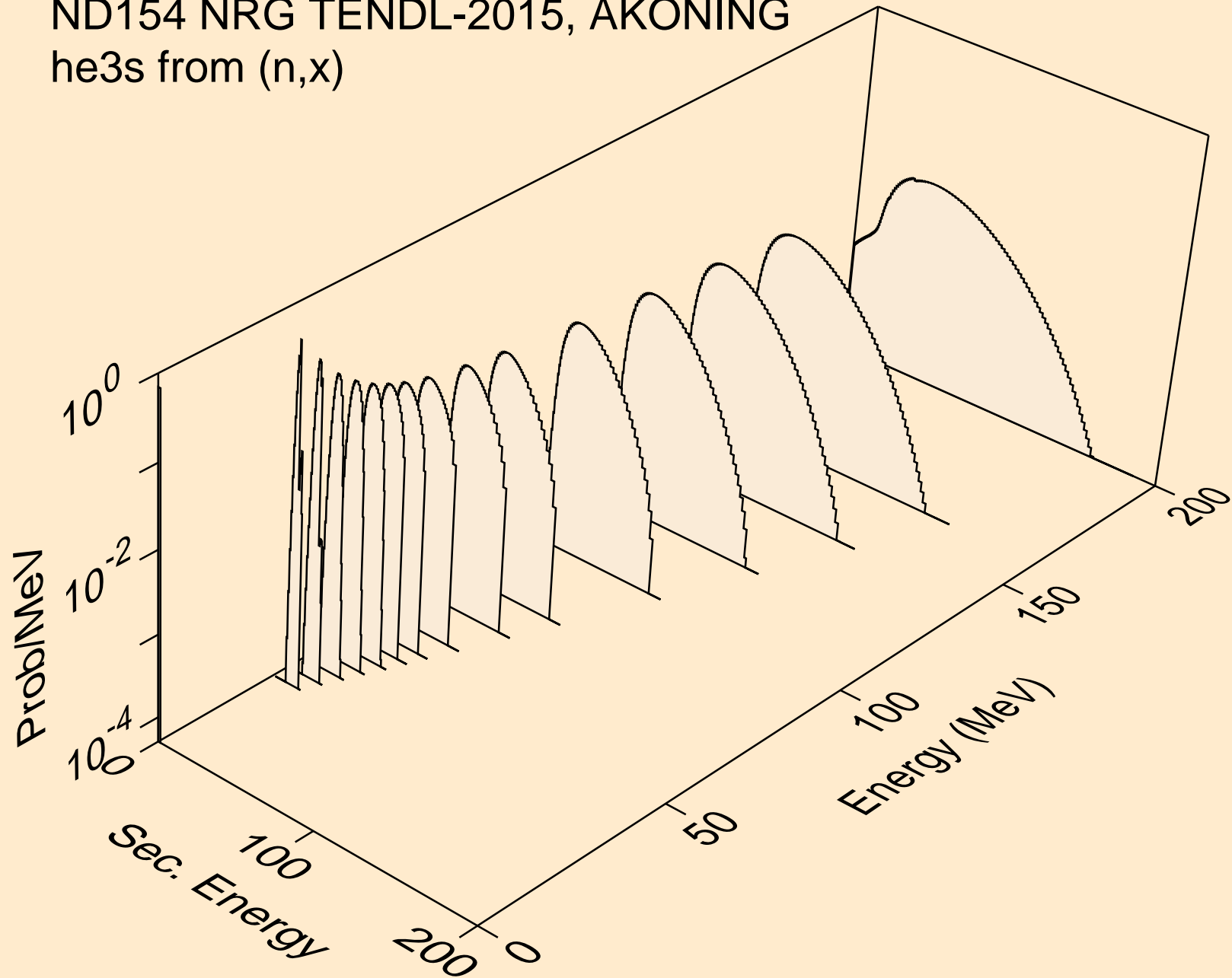
ND154 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



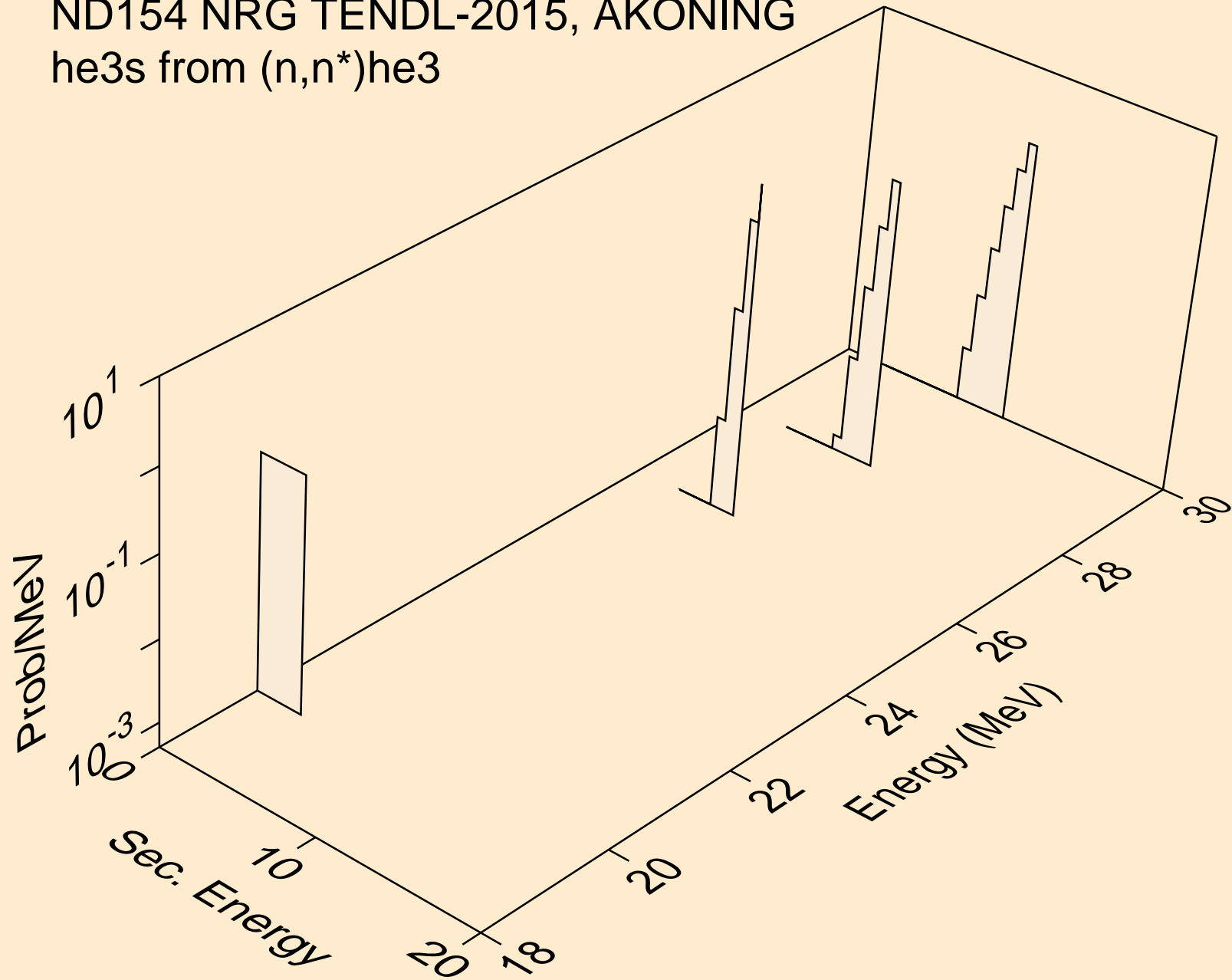
ND154 NRG TENDL-2015, AKONING  
tritons from (n,t)



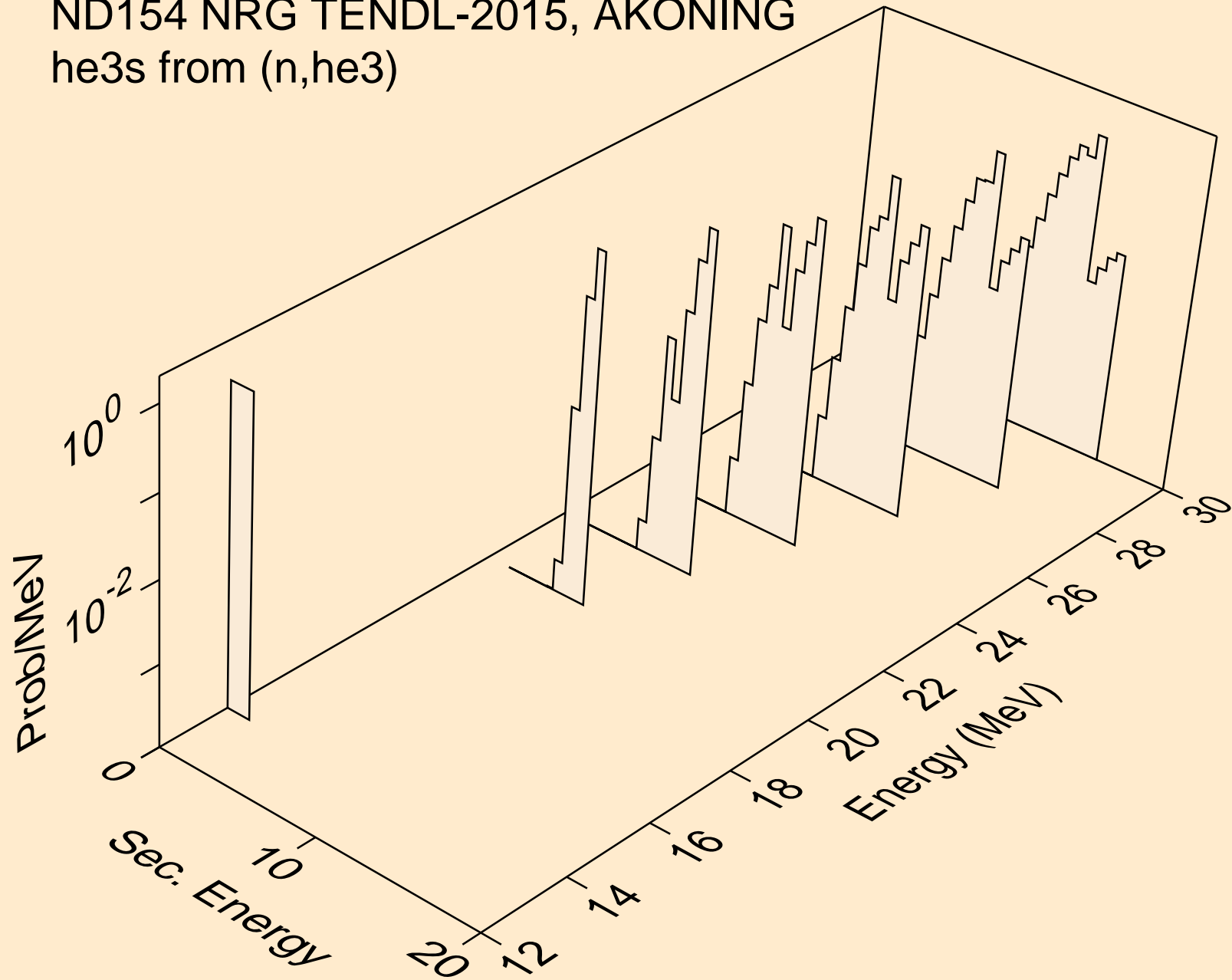
ND154 NRG TENDL-2015, AKONING  
he3s from (n,x)



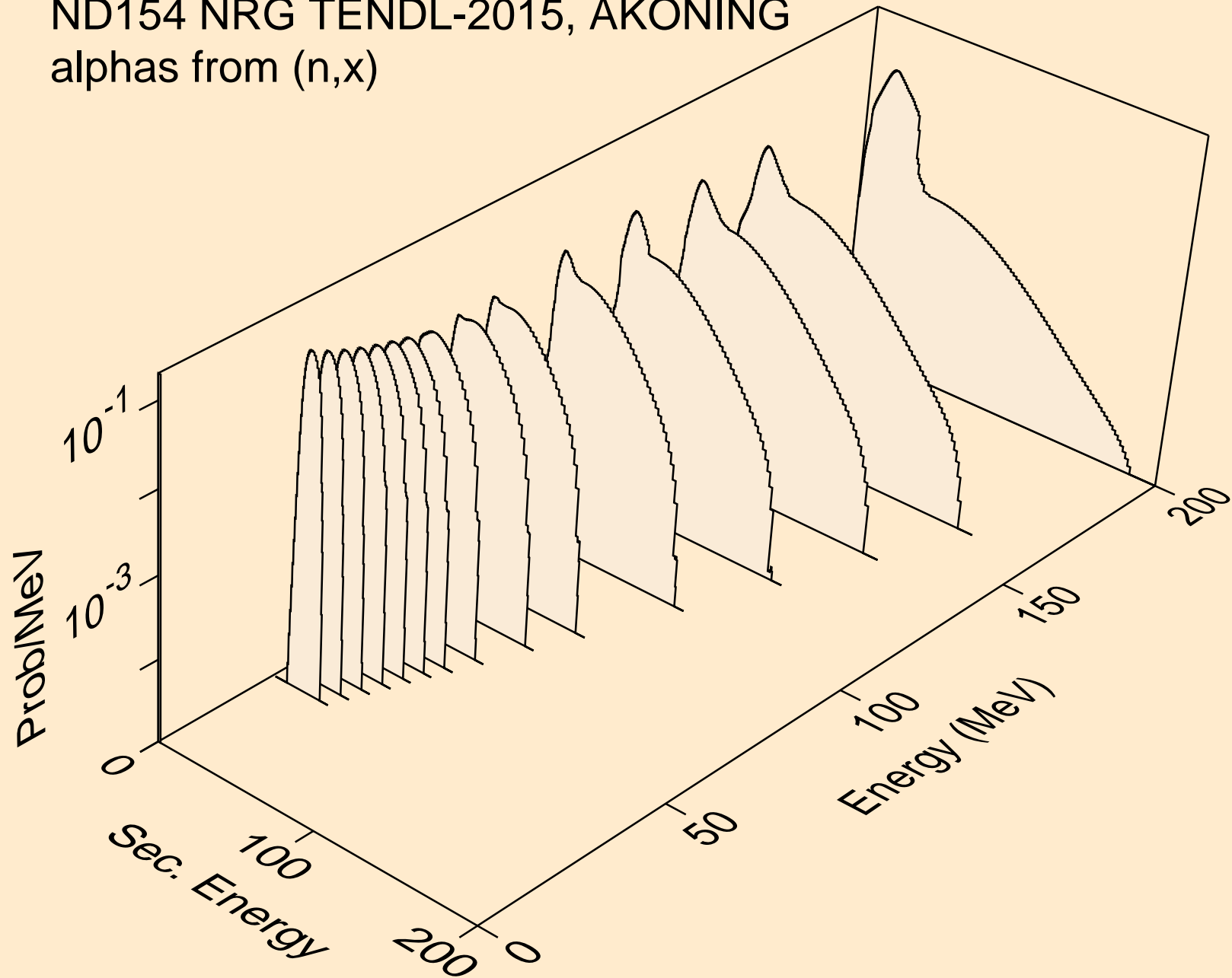
ND154 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



ND154 NRG TENDL-2015, AKONING  
he3s from (n,he3)

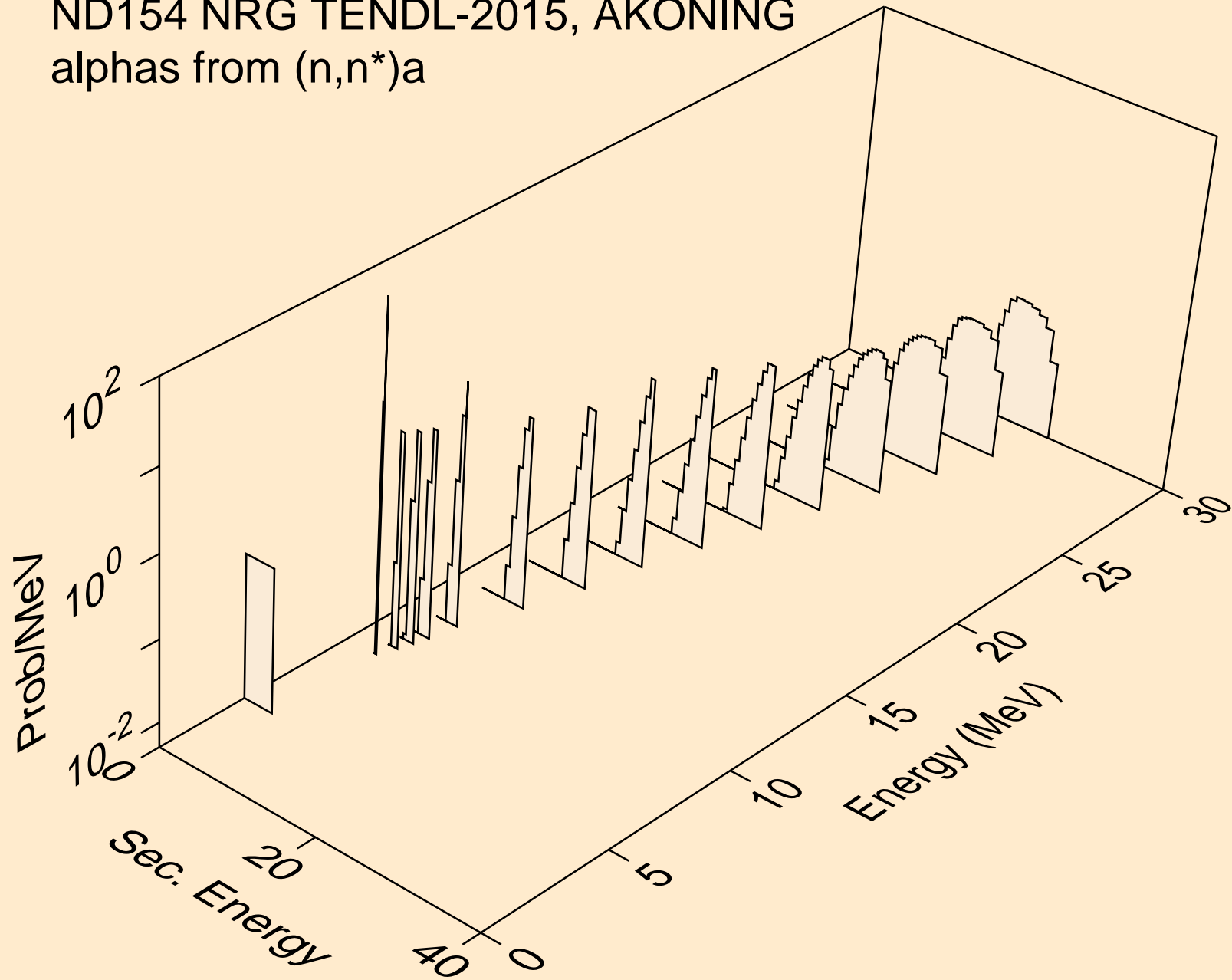


ND154 NRG TENDL-2015, AKONING  
alphas from (n,x)

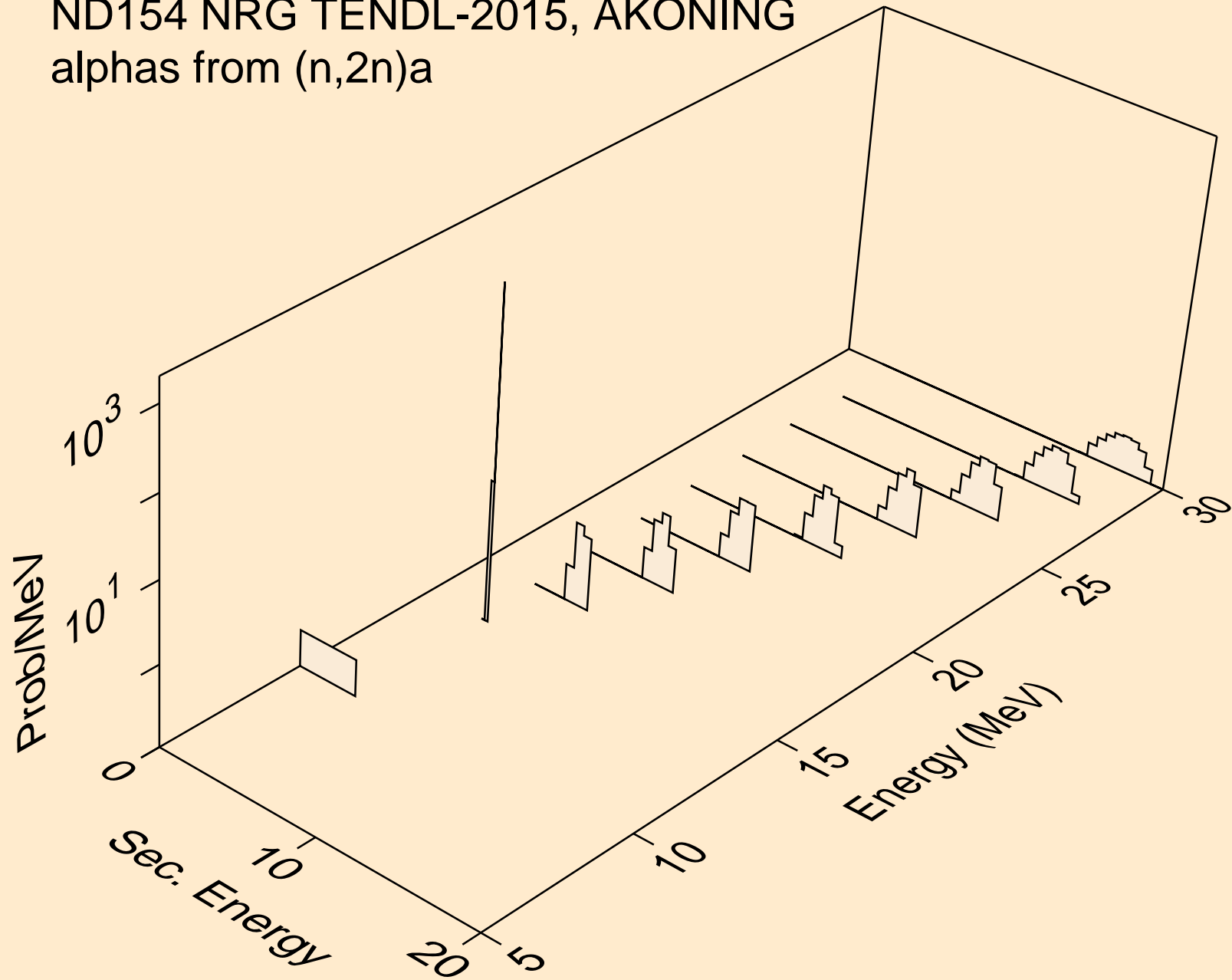




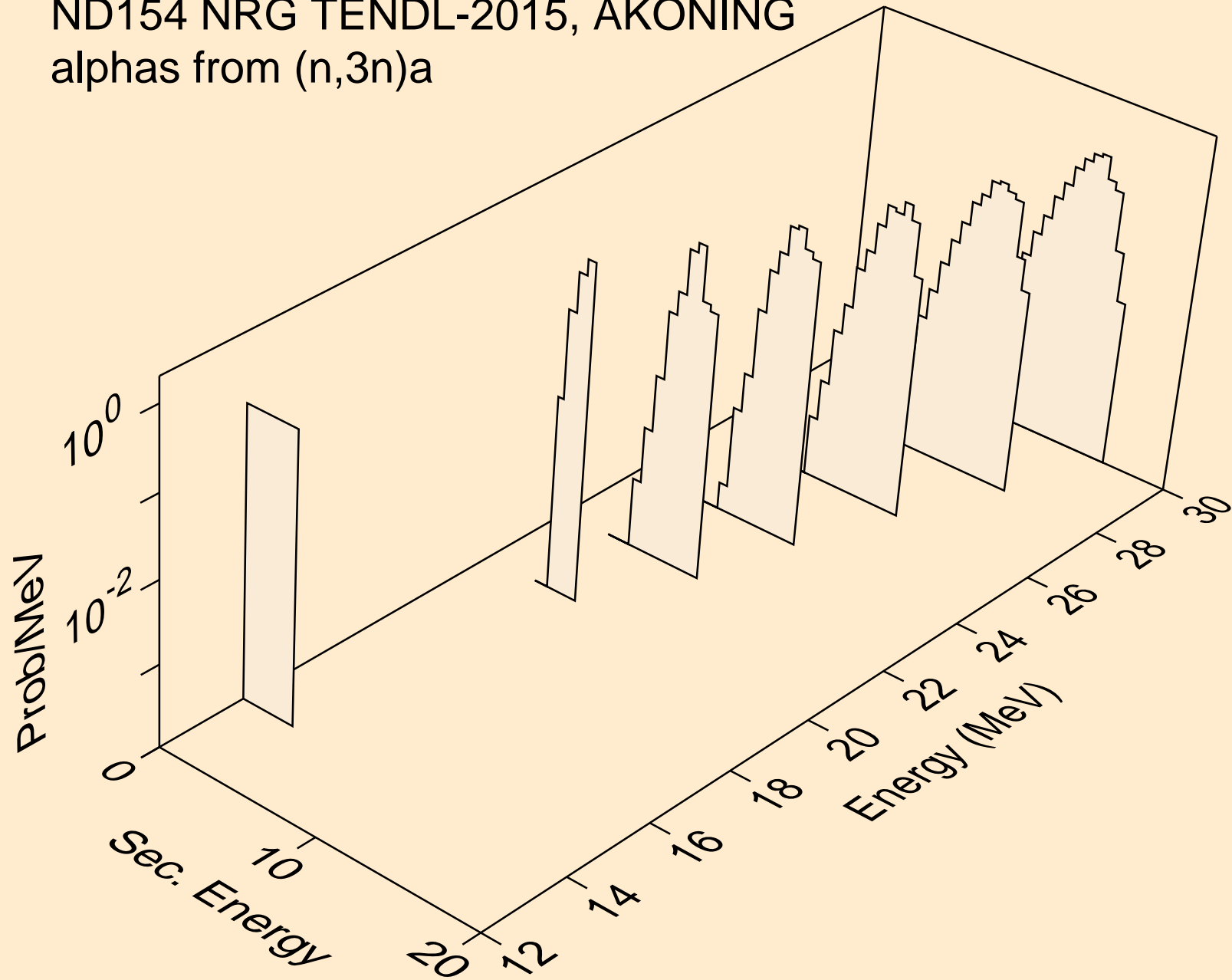
ND154 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



ND154 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



ND154 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



ND154 NRG TENDL-2015, AKONING  
alphas from (n,a)

