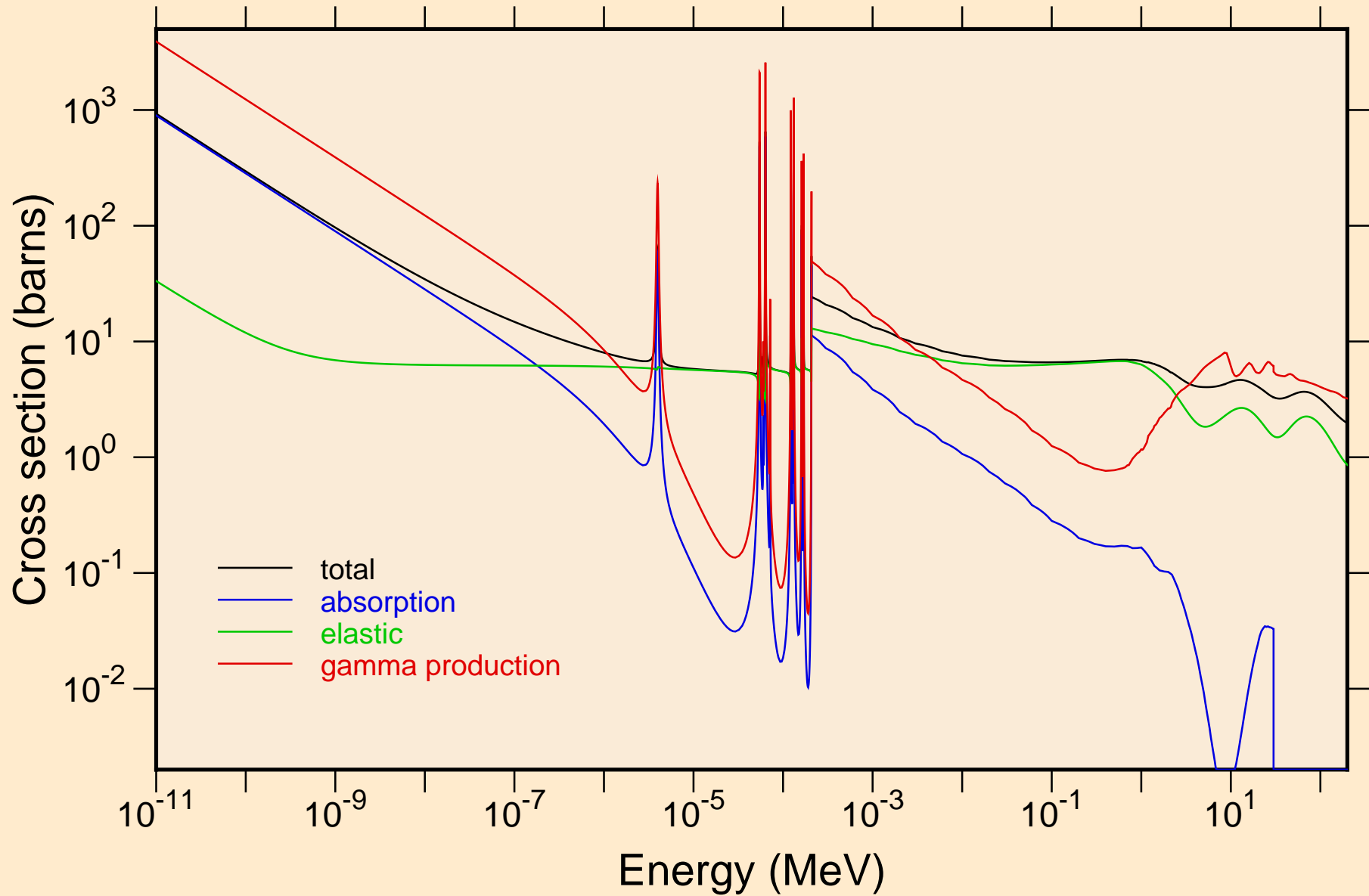
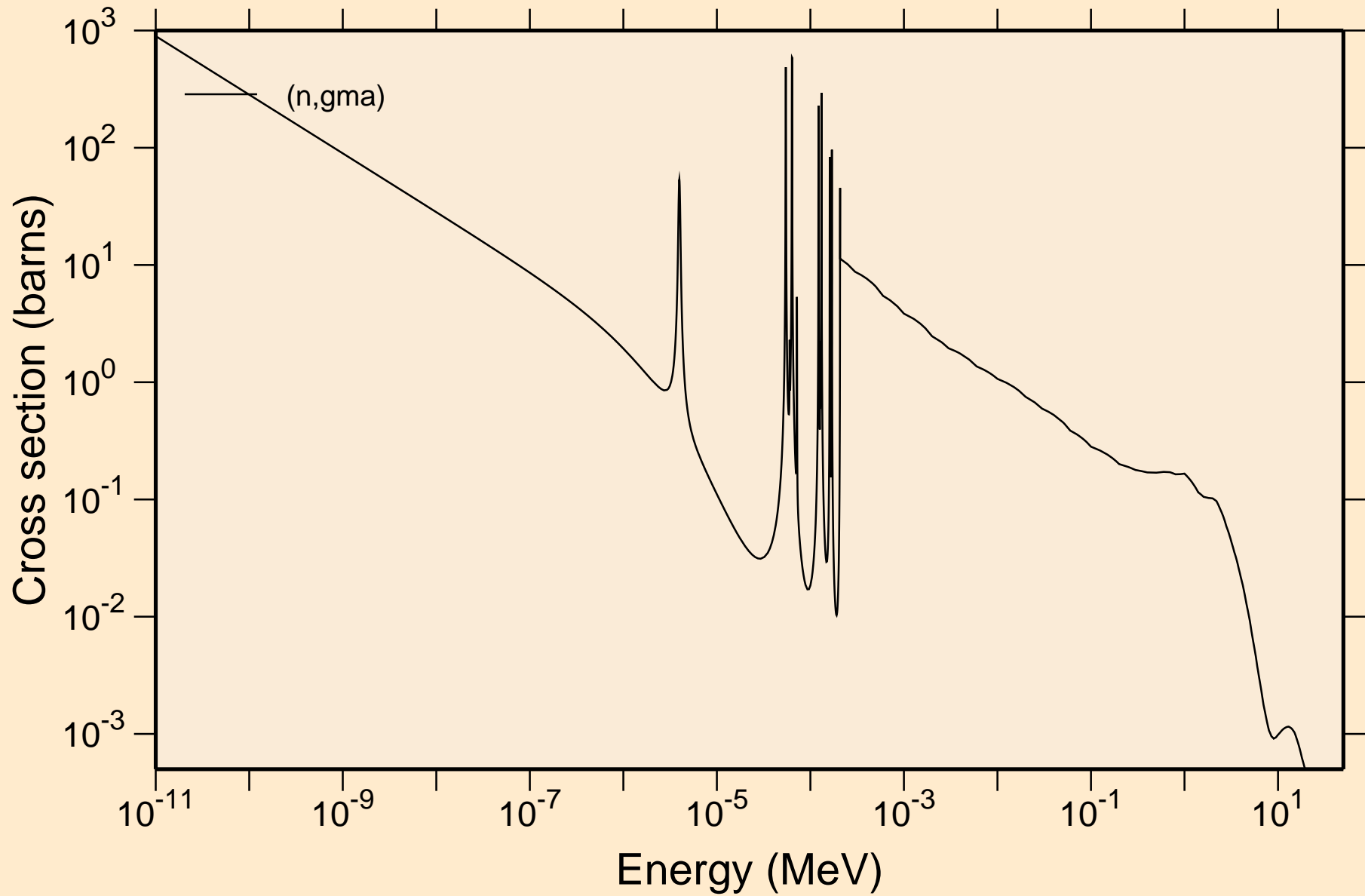


# IN119 NRG TENDL-2015, AKONING

## Principal cross sections

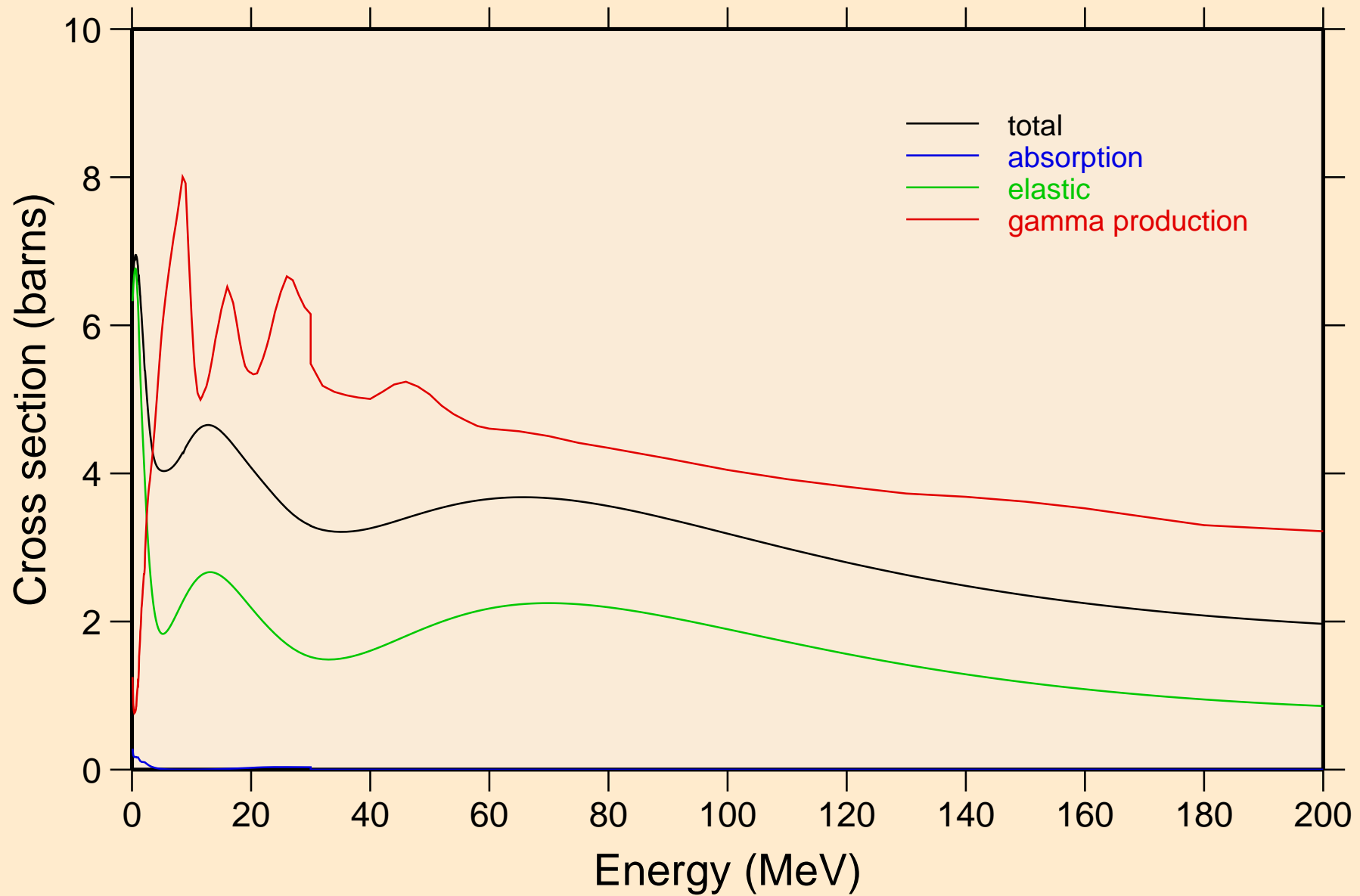


IN119 NRG TENDL-2015, AKONING  
Non-threshold reactions

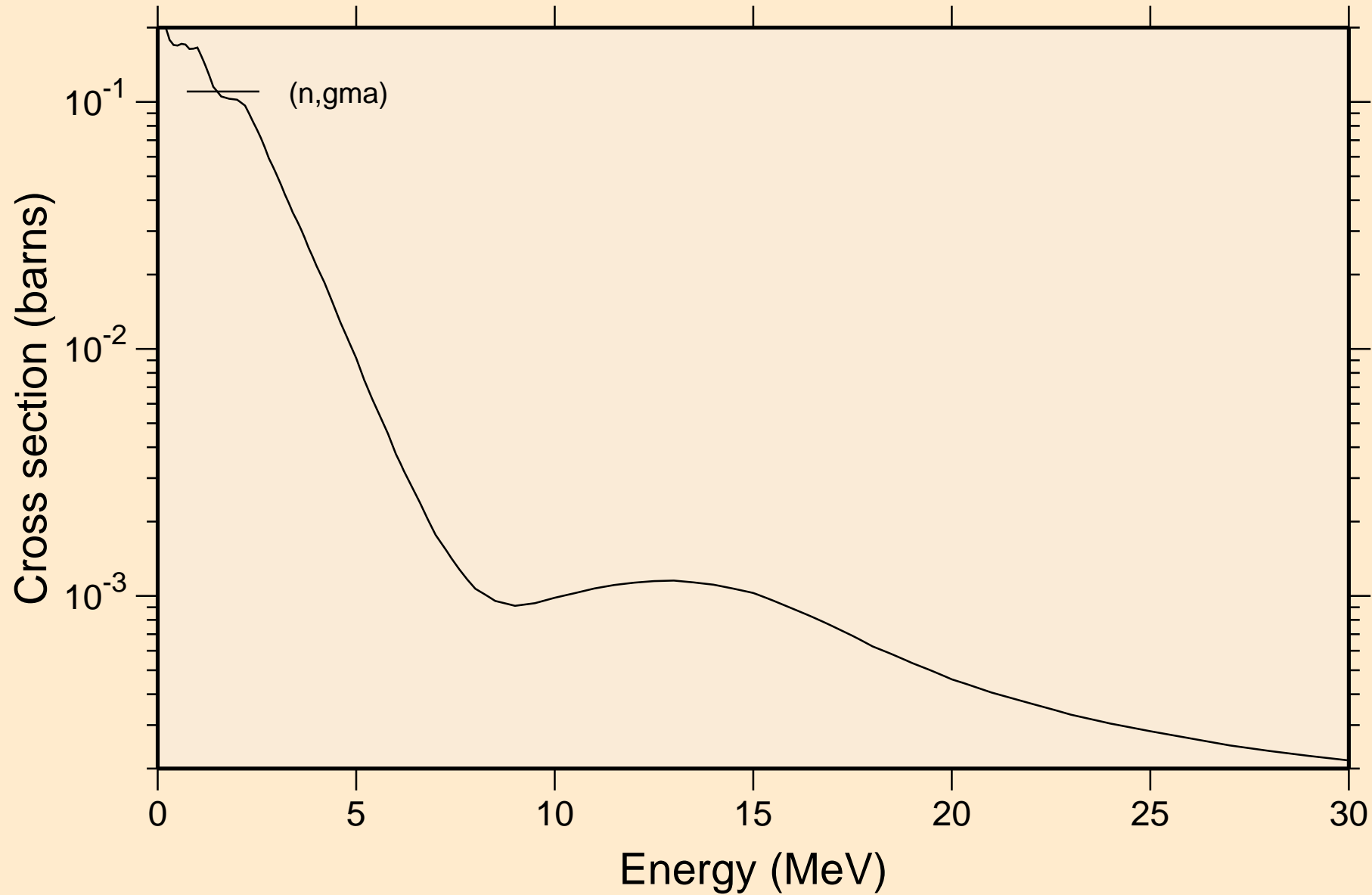


# IN119 NRG TENDL-2015, AKONING

## Principal cross sections

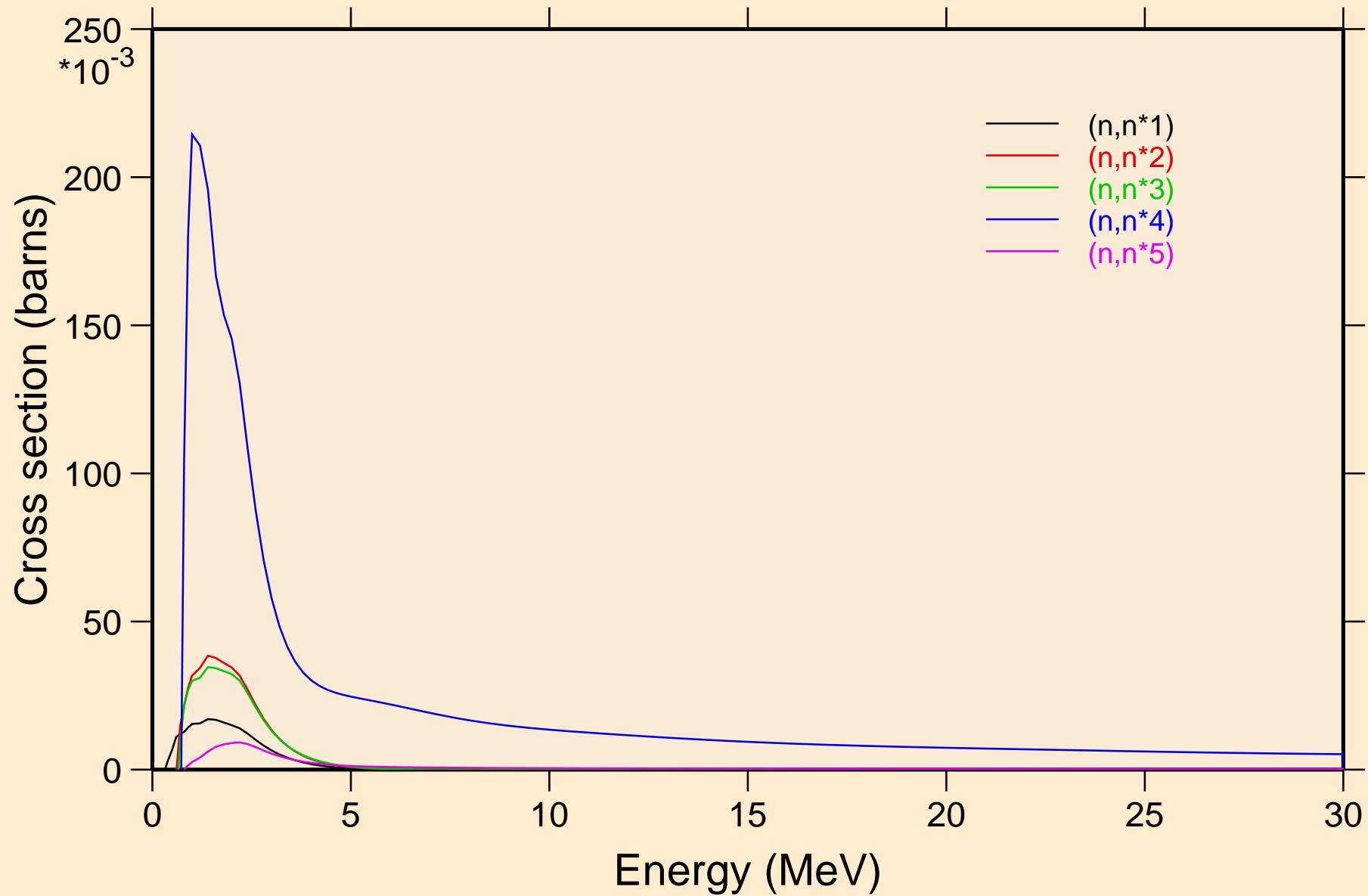


IN119 NRG TENDL-2015, AKONING  
Non-threshold reactions



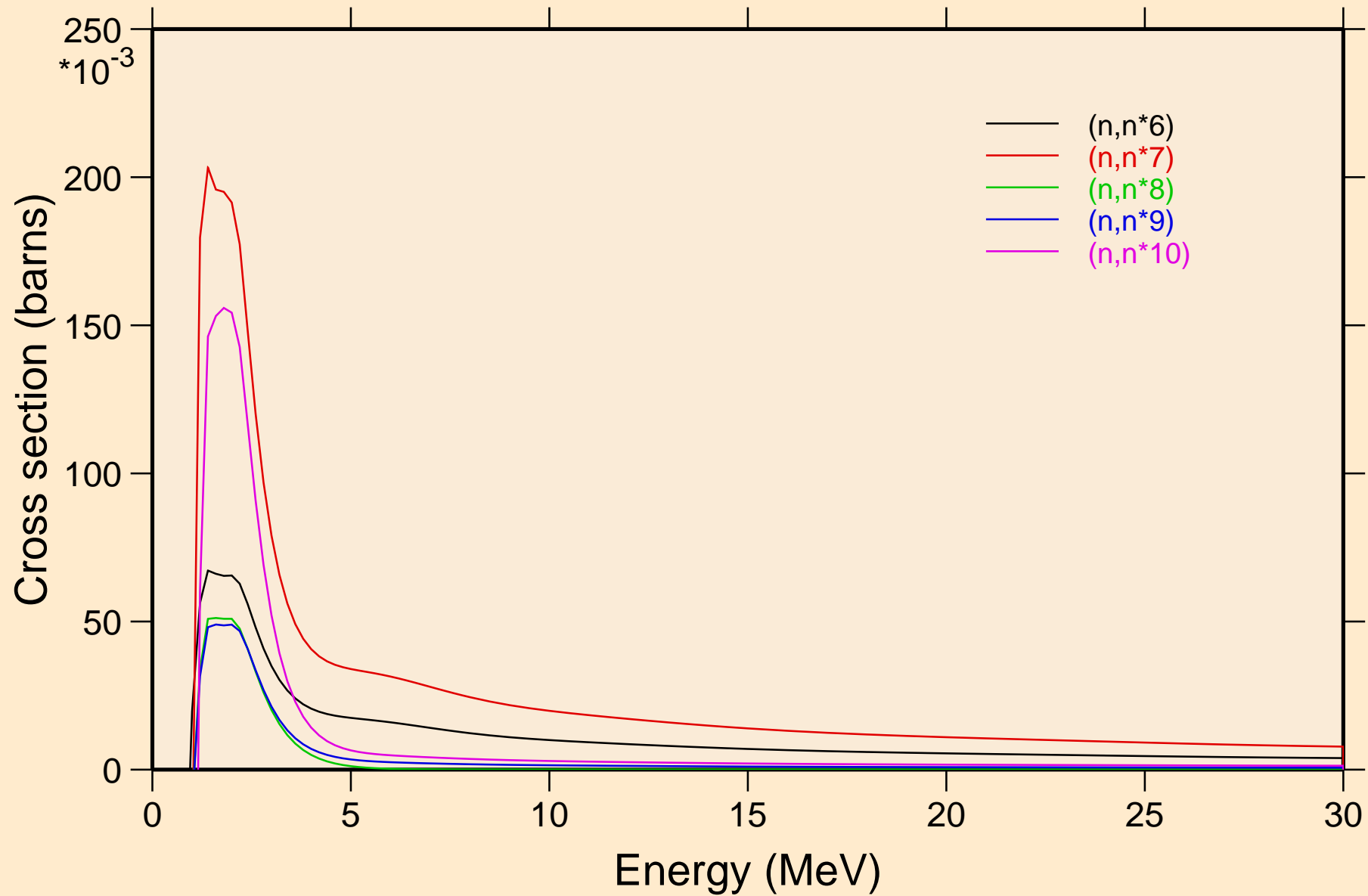
# IN119 NRG TENDL-2015, AKONING

## Inelastic levels



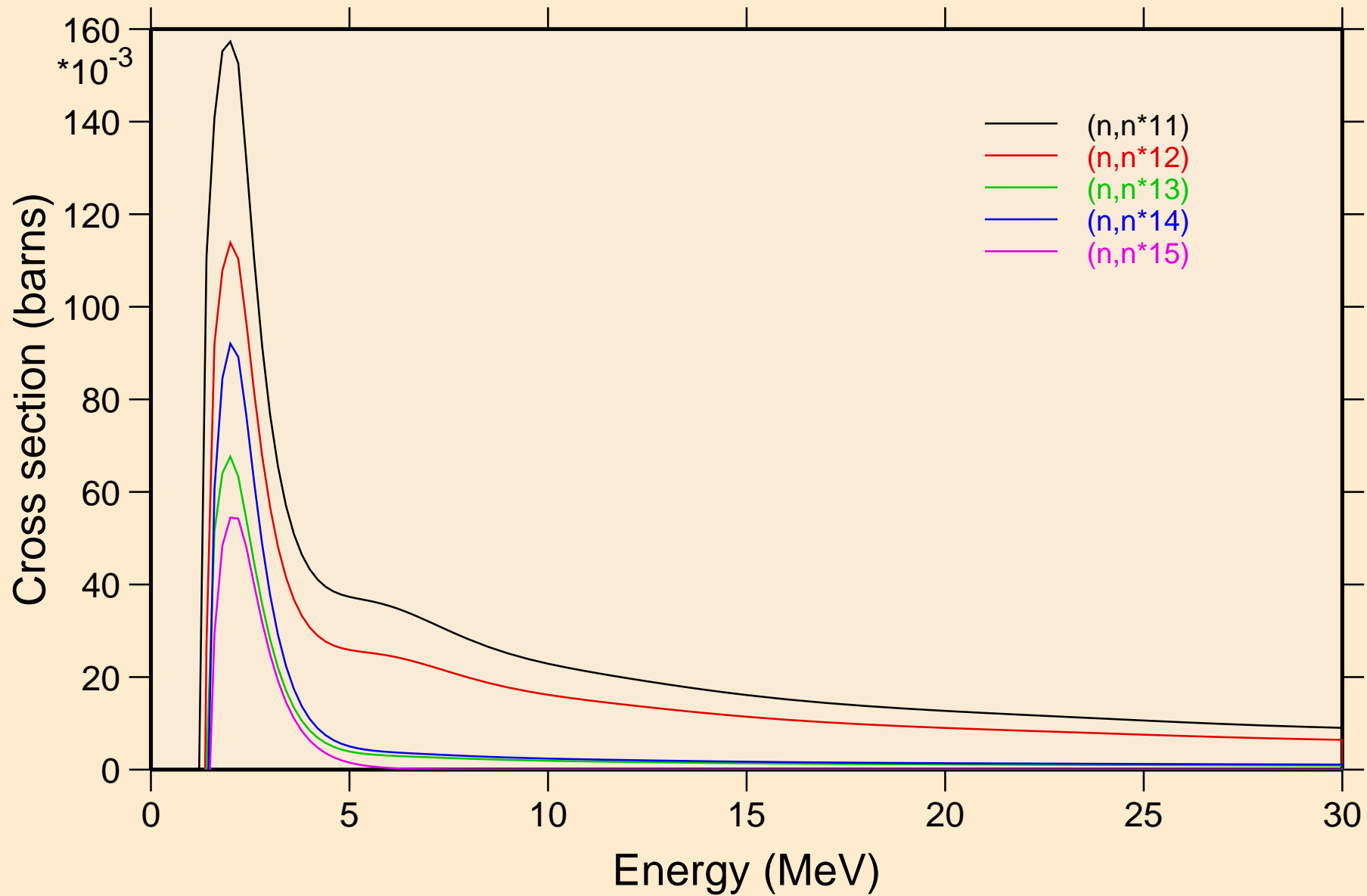
# IN119 NRG TENDL-2015, AKONING

## Inelastic levels



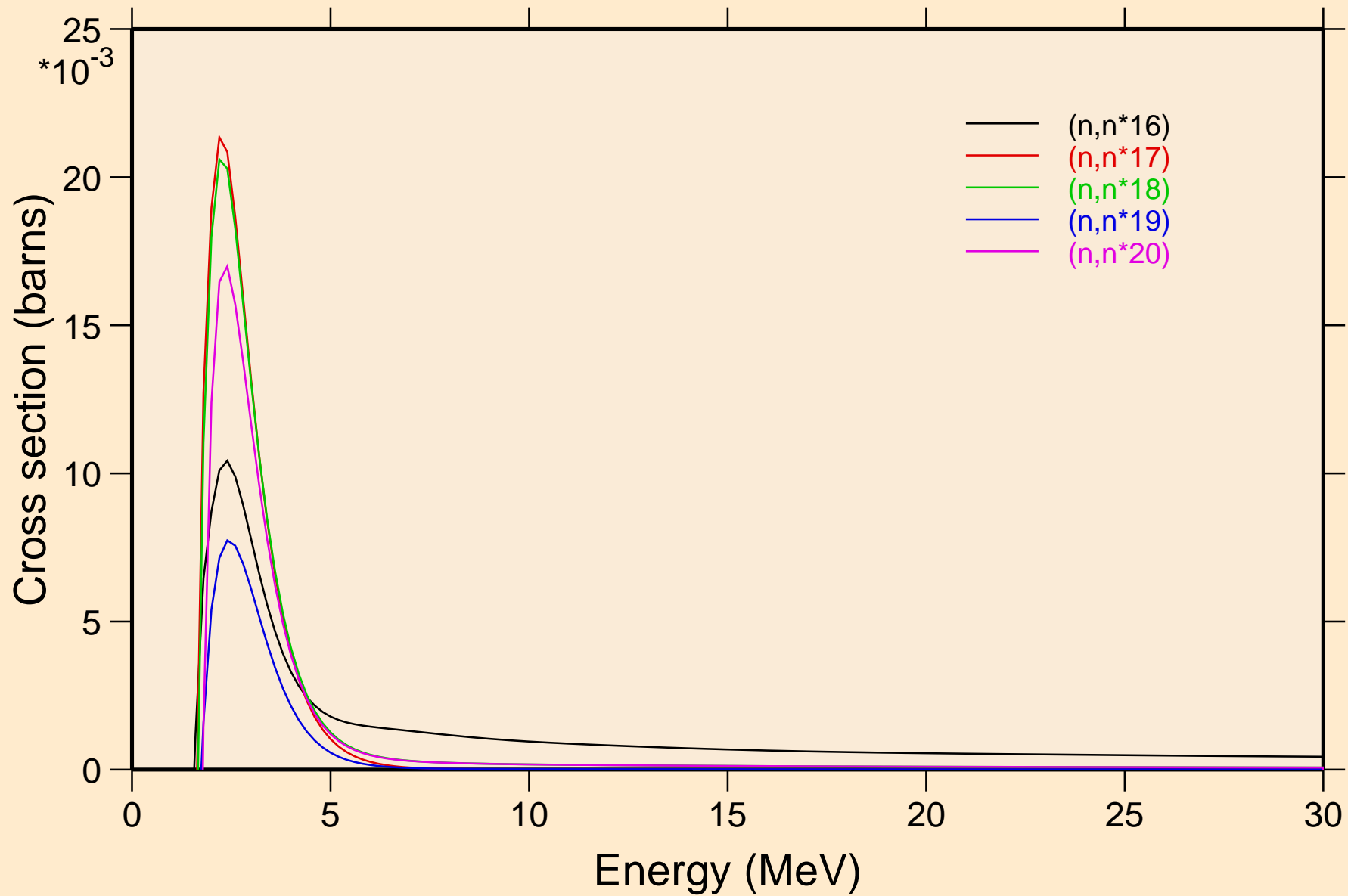
# IN119 NRG TENDL-2015, AKONING

## Inelastic levels



# IN119 NRG TENDL-2015, AKONING

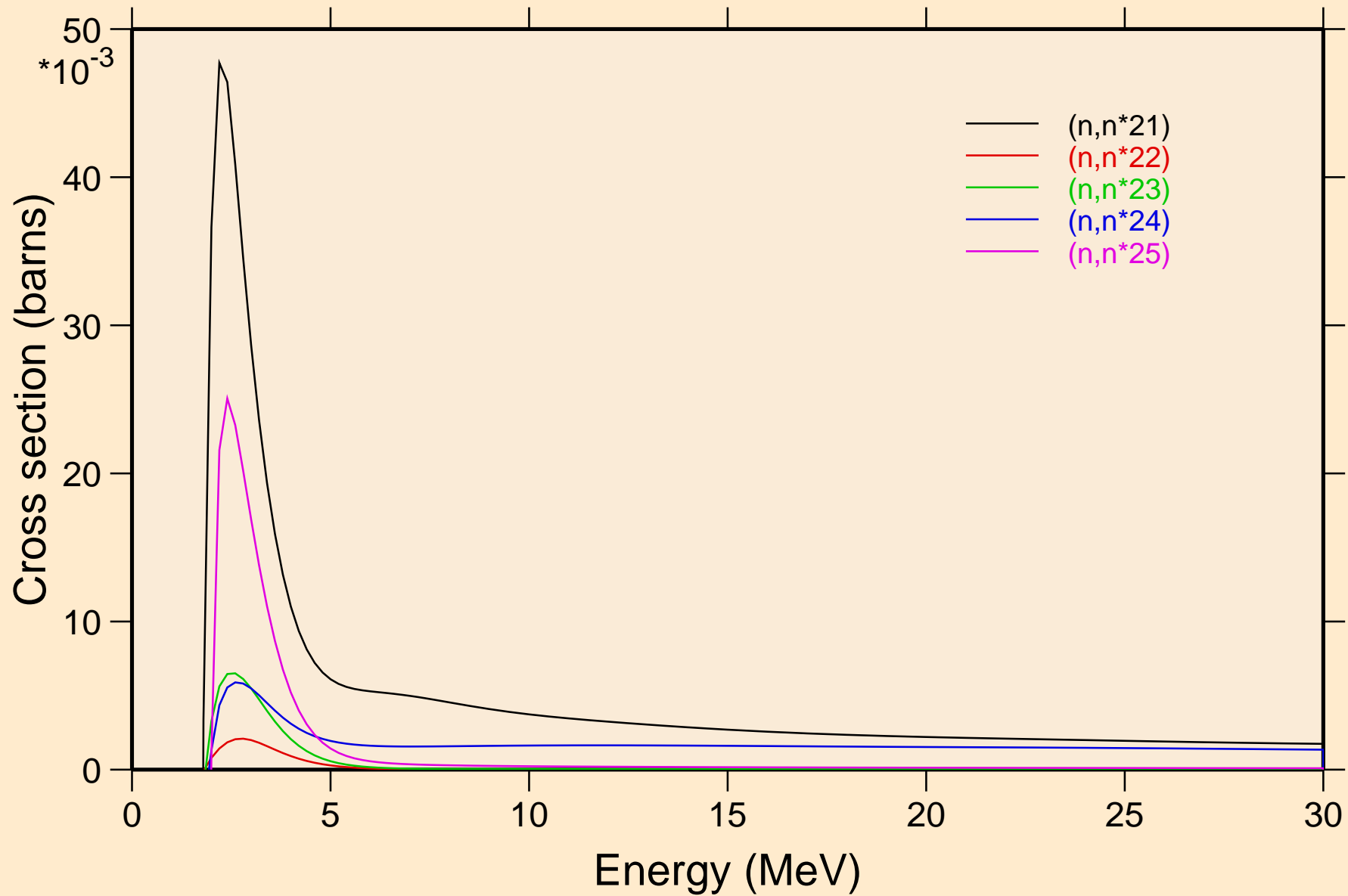
## Inelastic levels





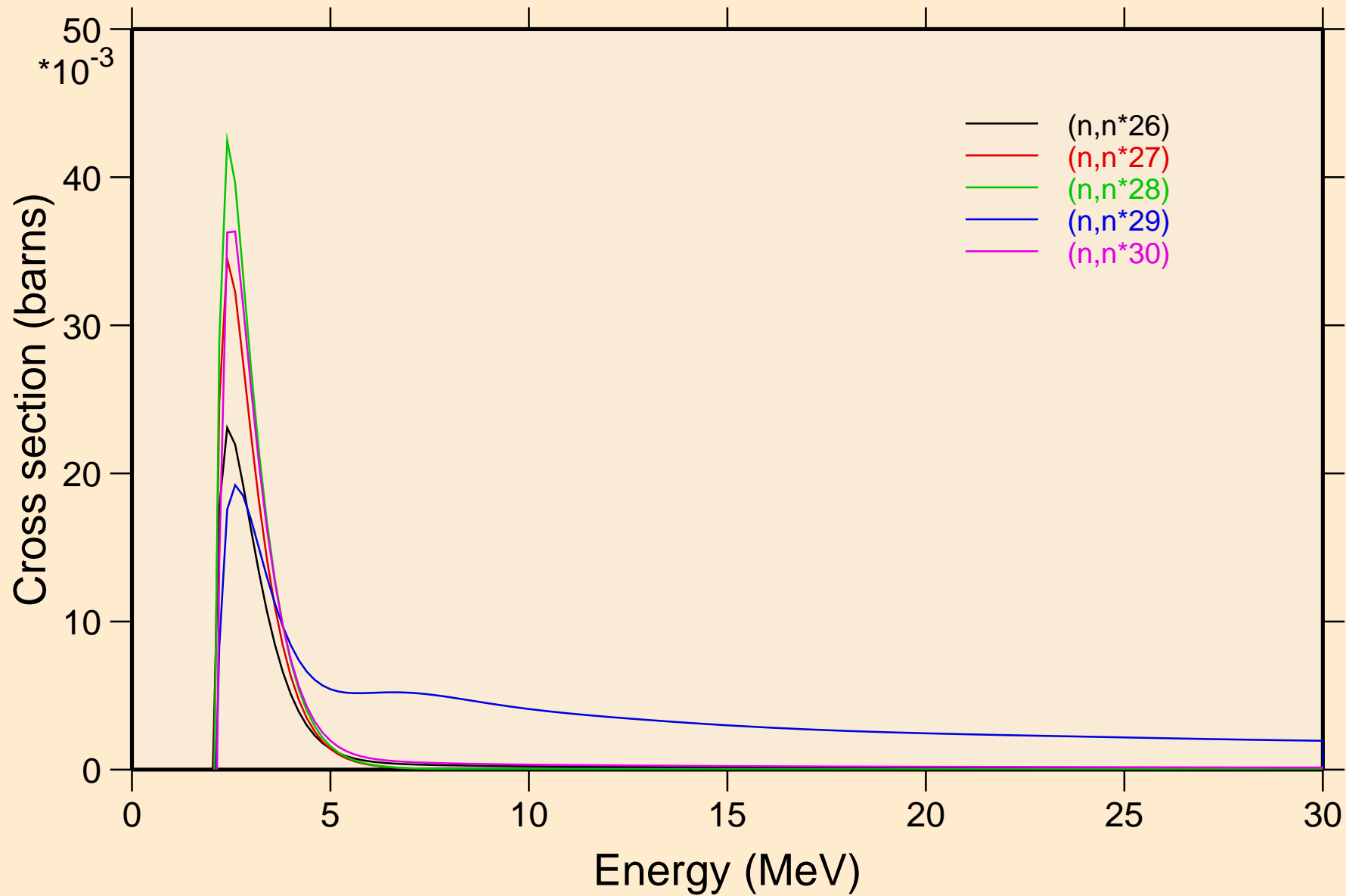
# IN119 NRG TENDL-2015, AKONING

## Inelastic levels



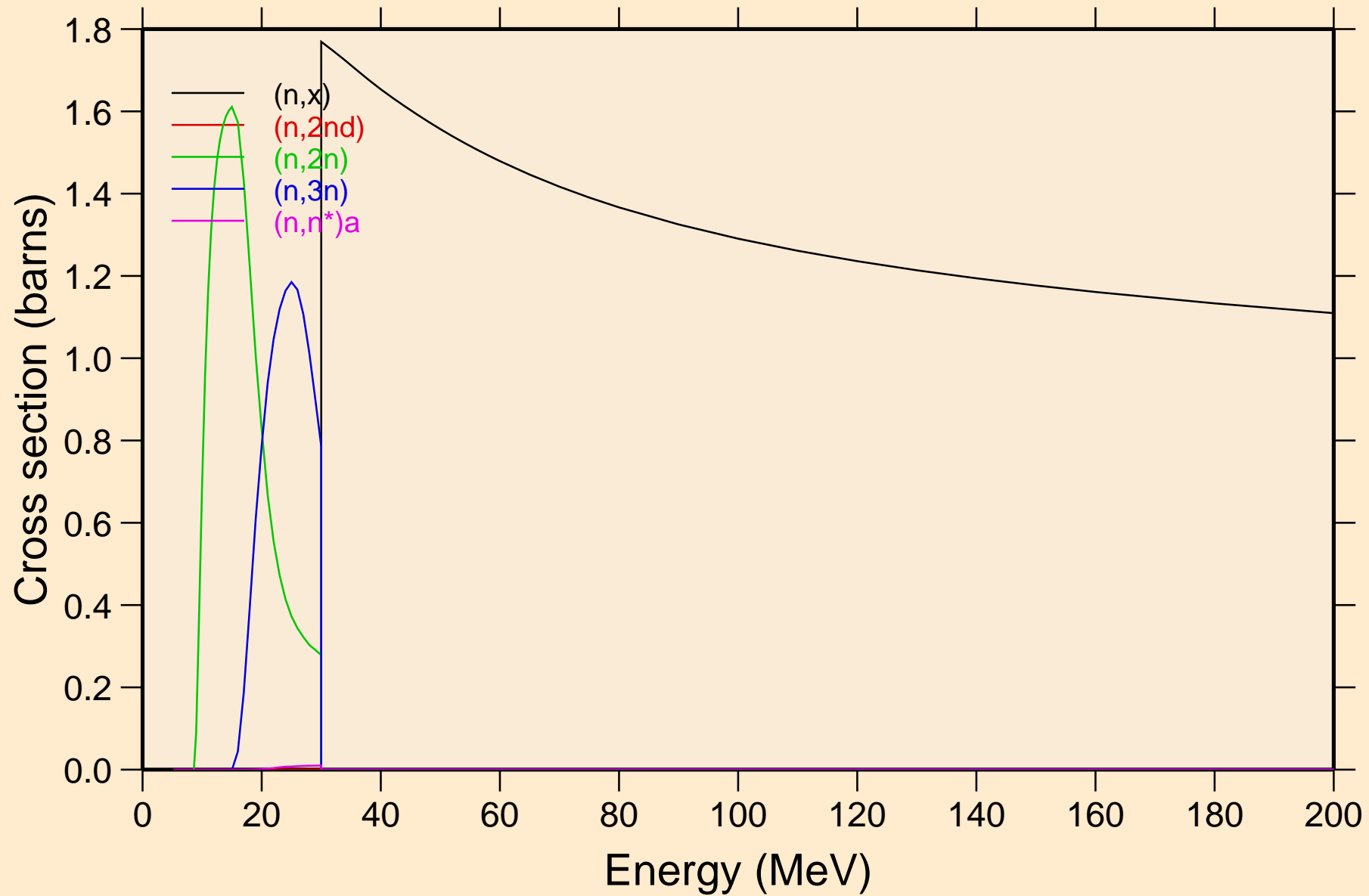
# IN119 NRG TENDL-2015, AKONING

## Inelastic levels



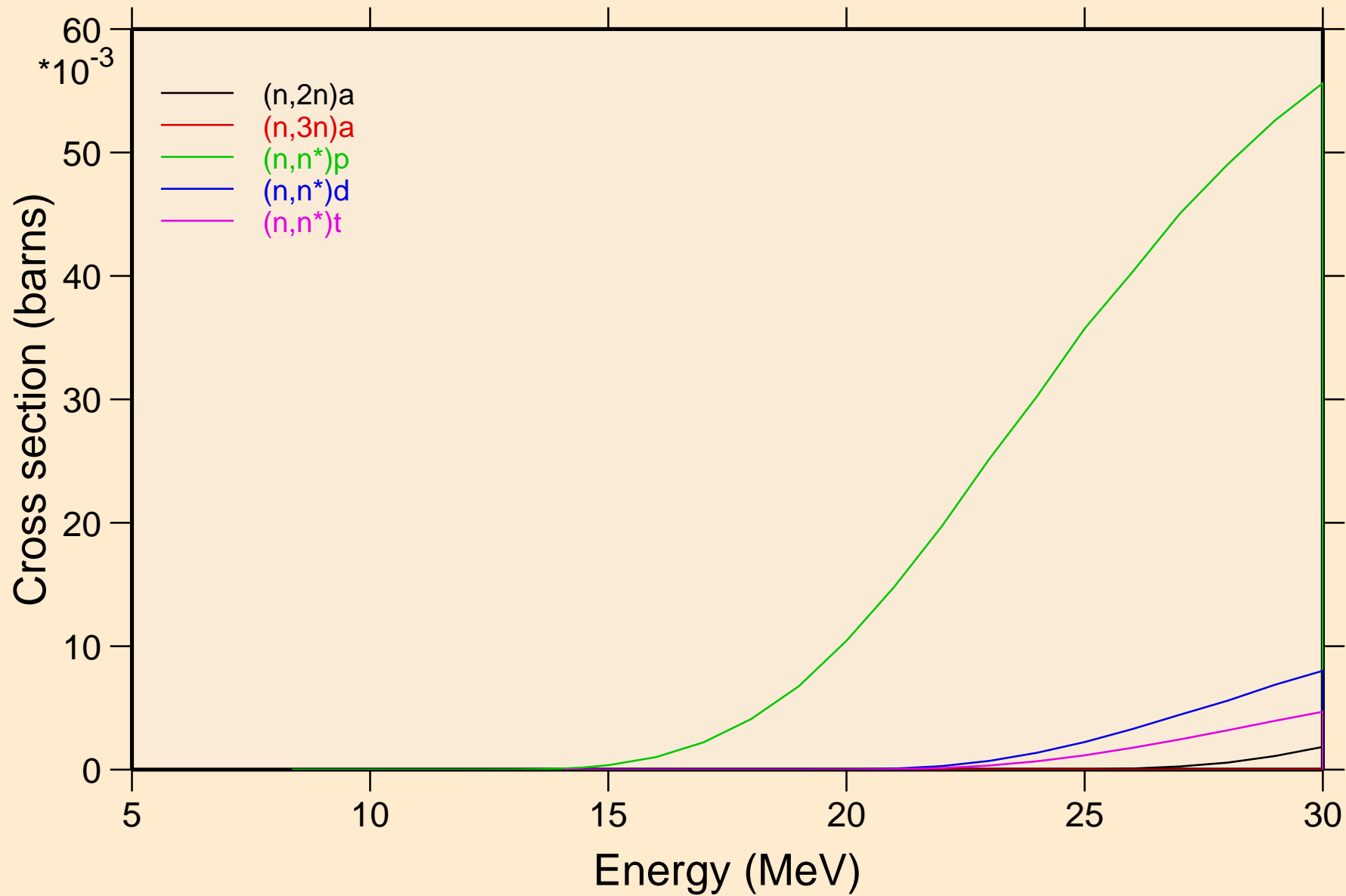
# IN119 NRG TENDL-2015, AKONING

## Threshold reactions



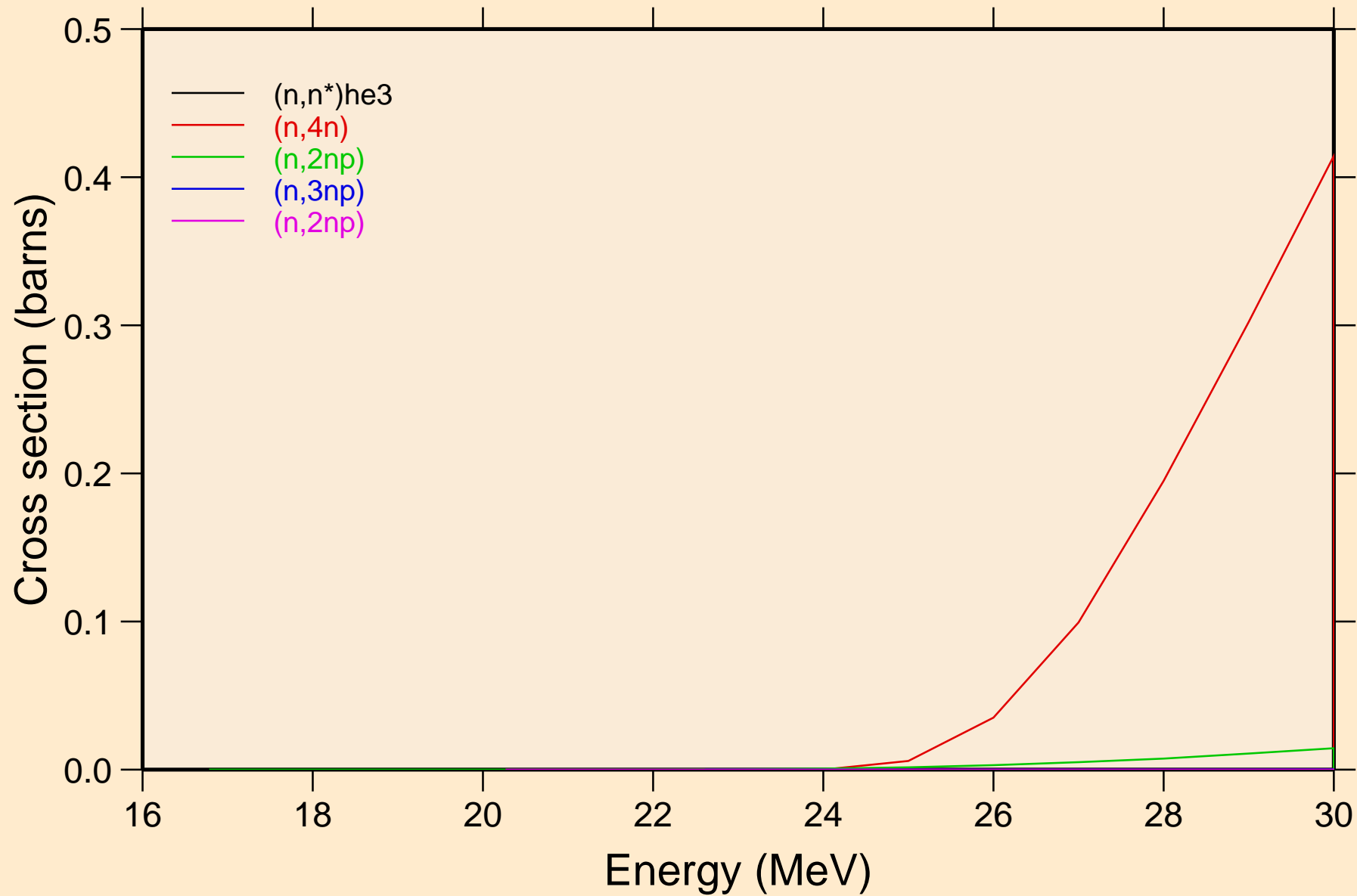
# IN119 NRG TENDL-2015, AKONING

## Threshold reactions



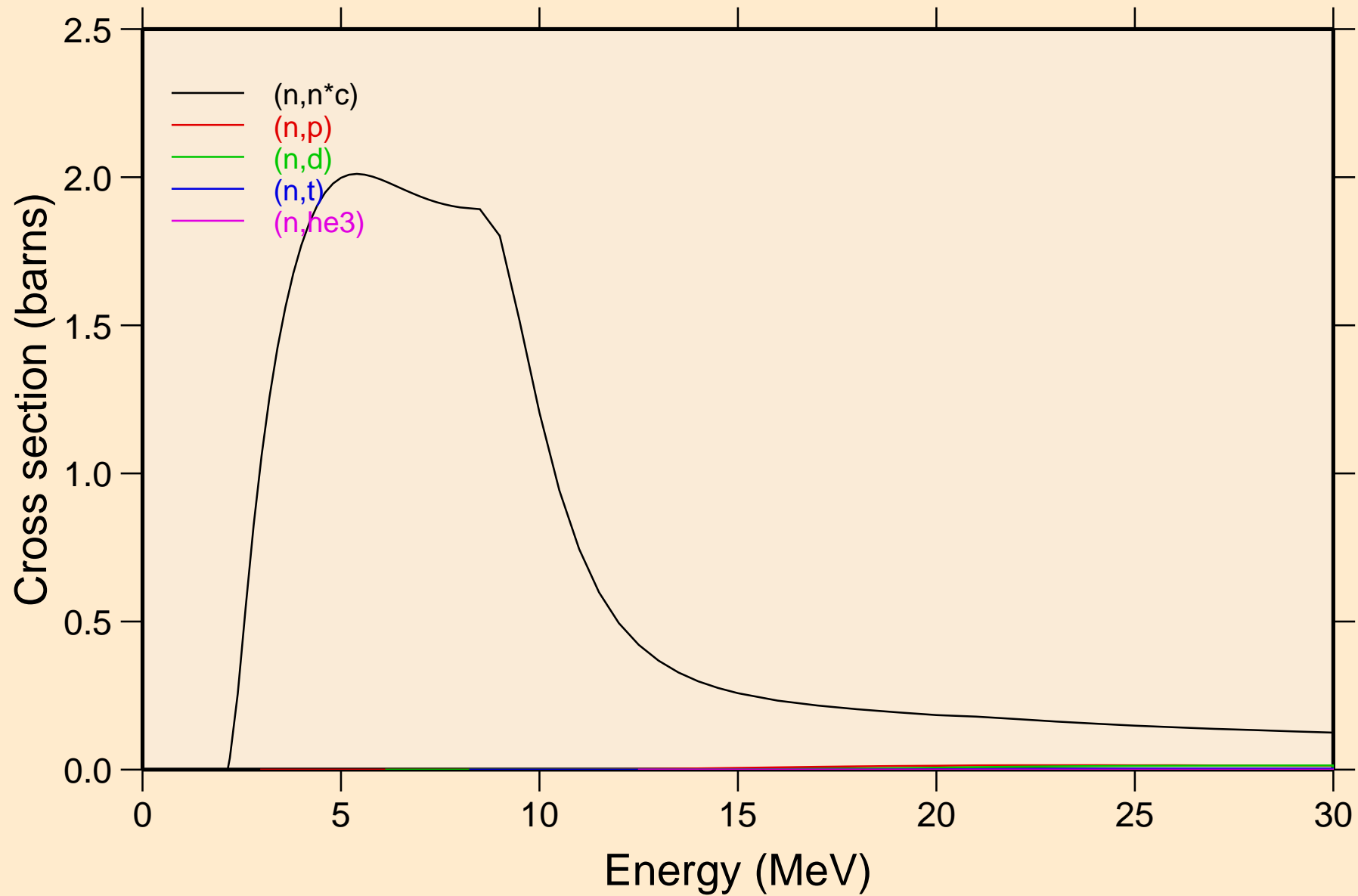
# IN119 NRG TENDL-2015, AKONING

## Threshold reactions



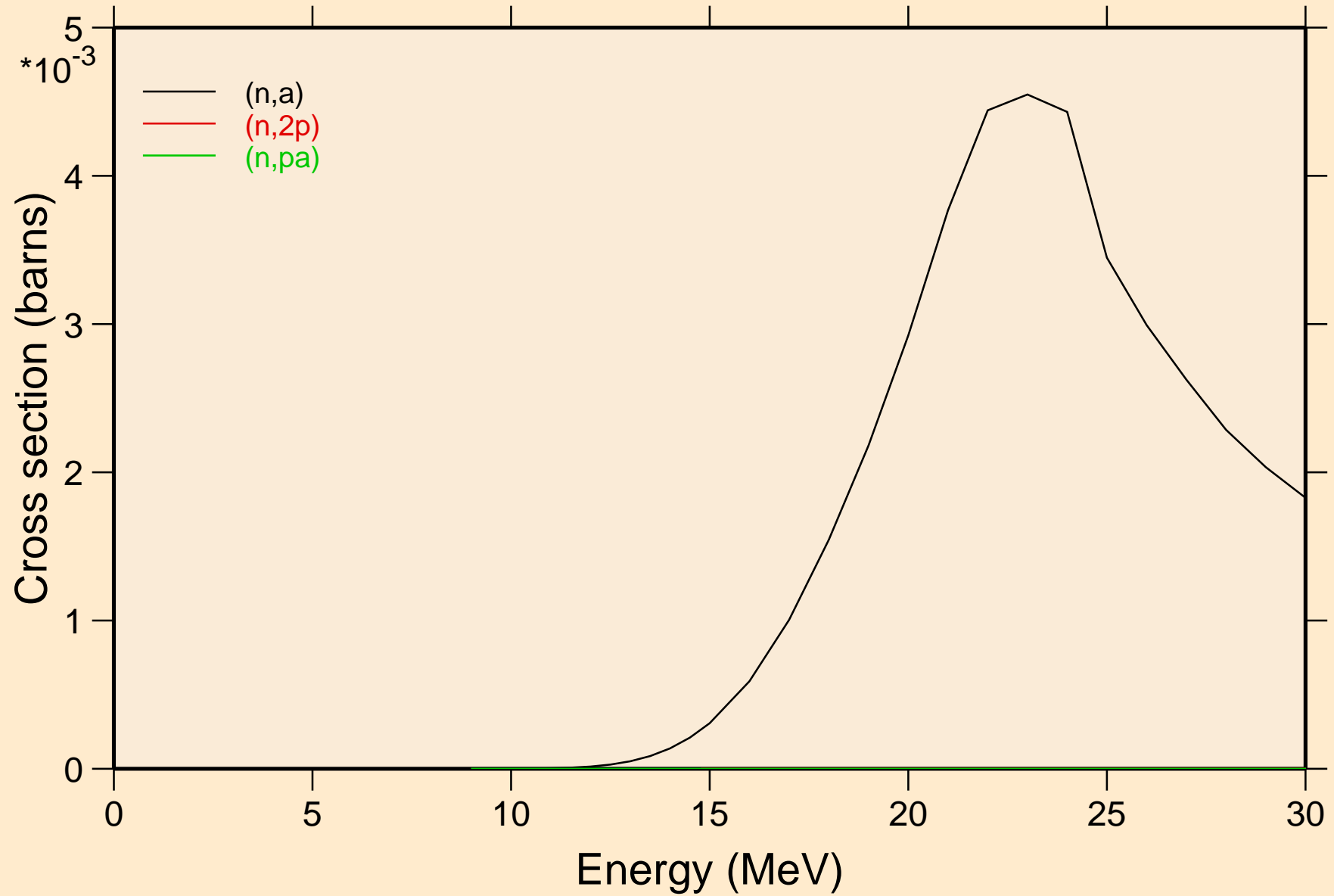
# IN119 NRG TENDL-2015, AKONING

## Threshold reactions

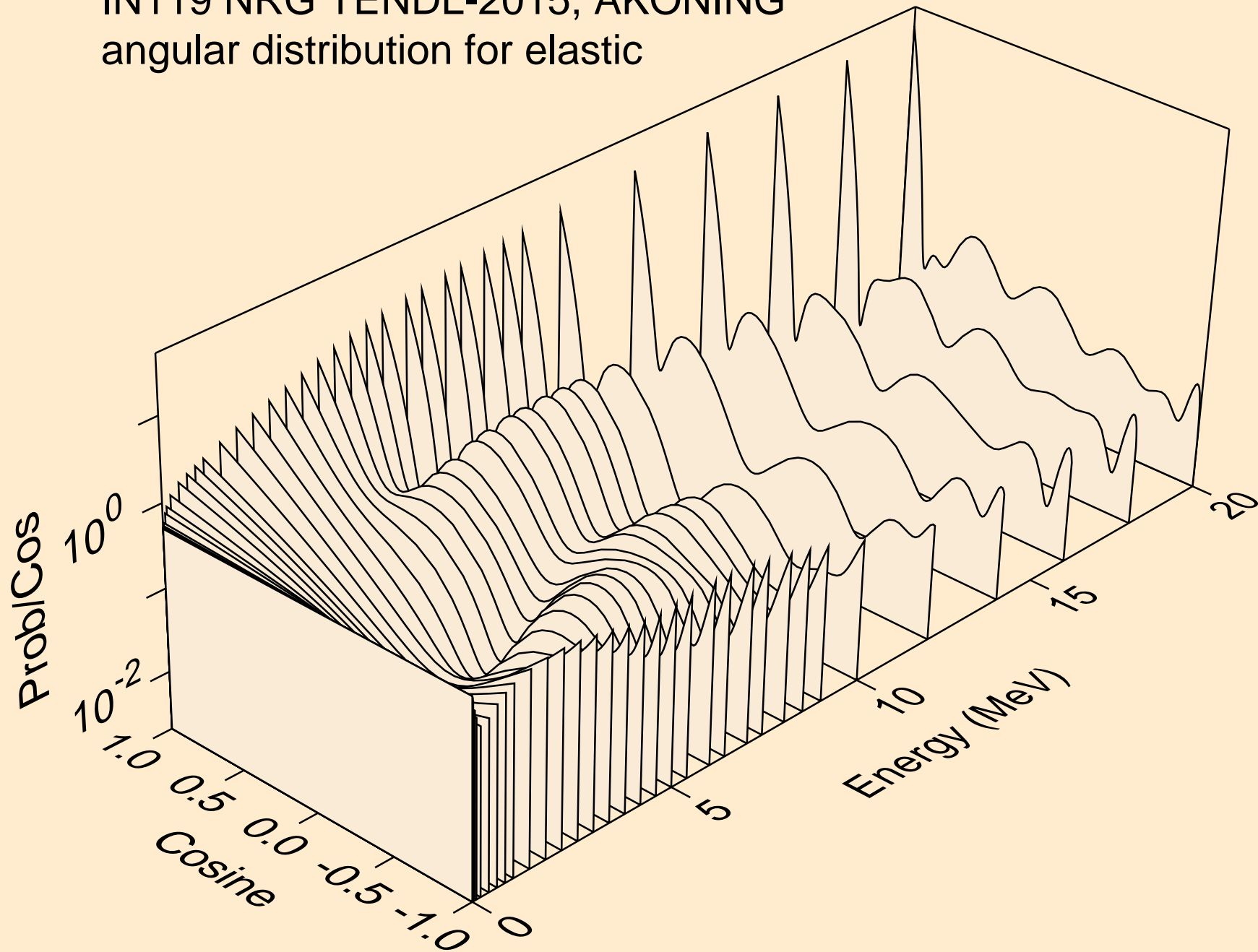


# IN119 NRG TENDL-2015, AKONING

## Threshold reactions

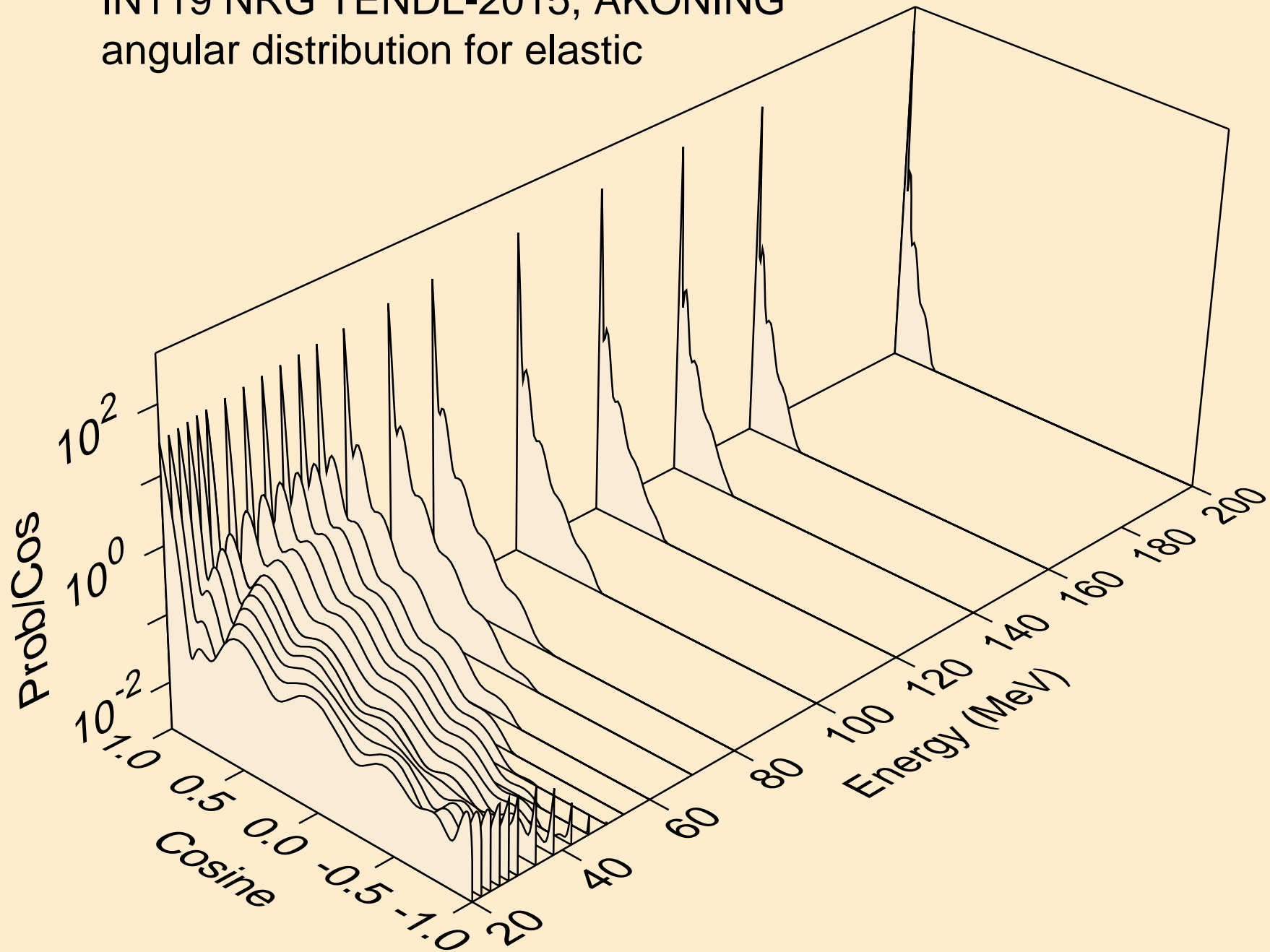


IN119 NRG TENDL-2015, AKONING  
angular distribution for elastic

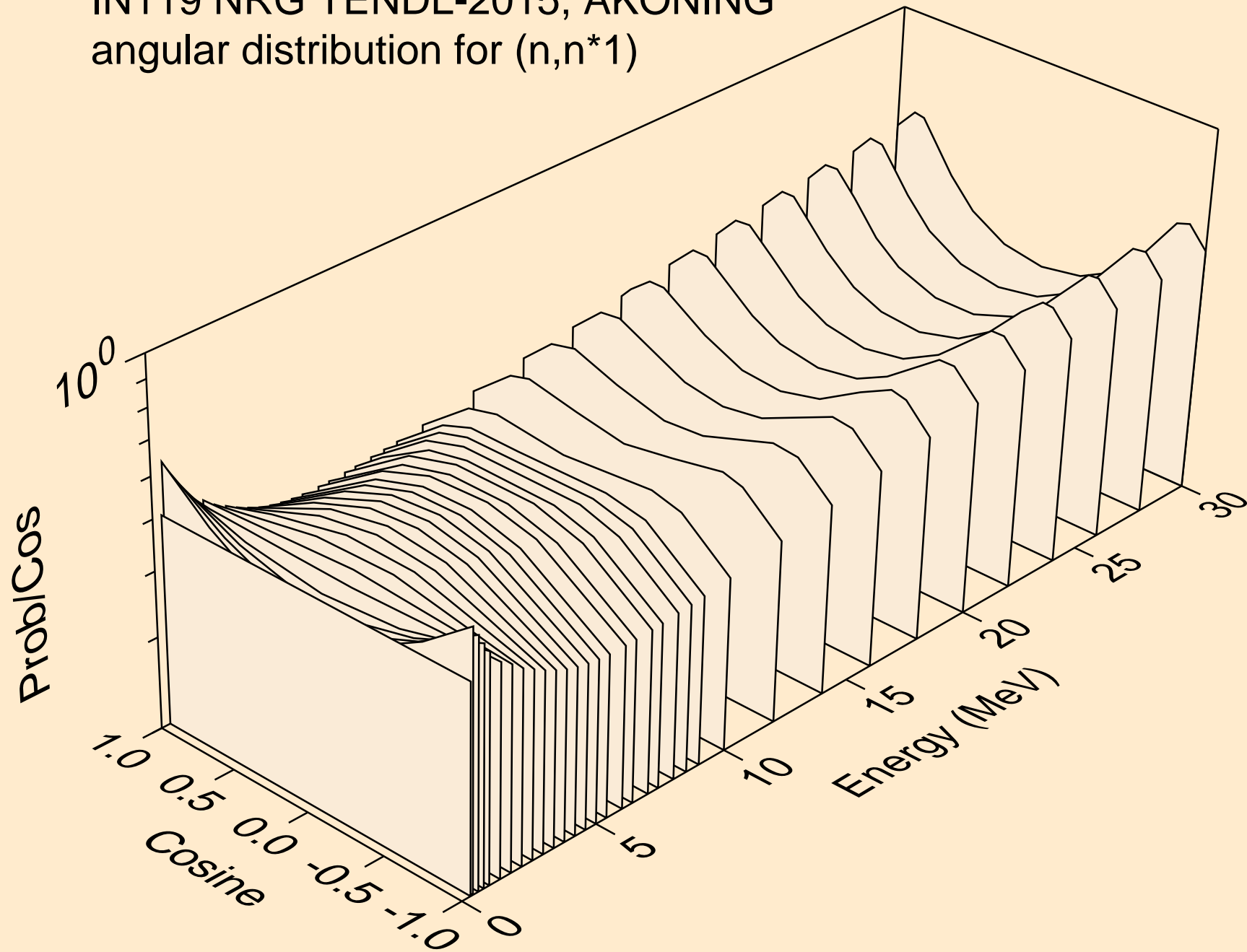




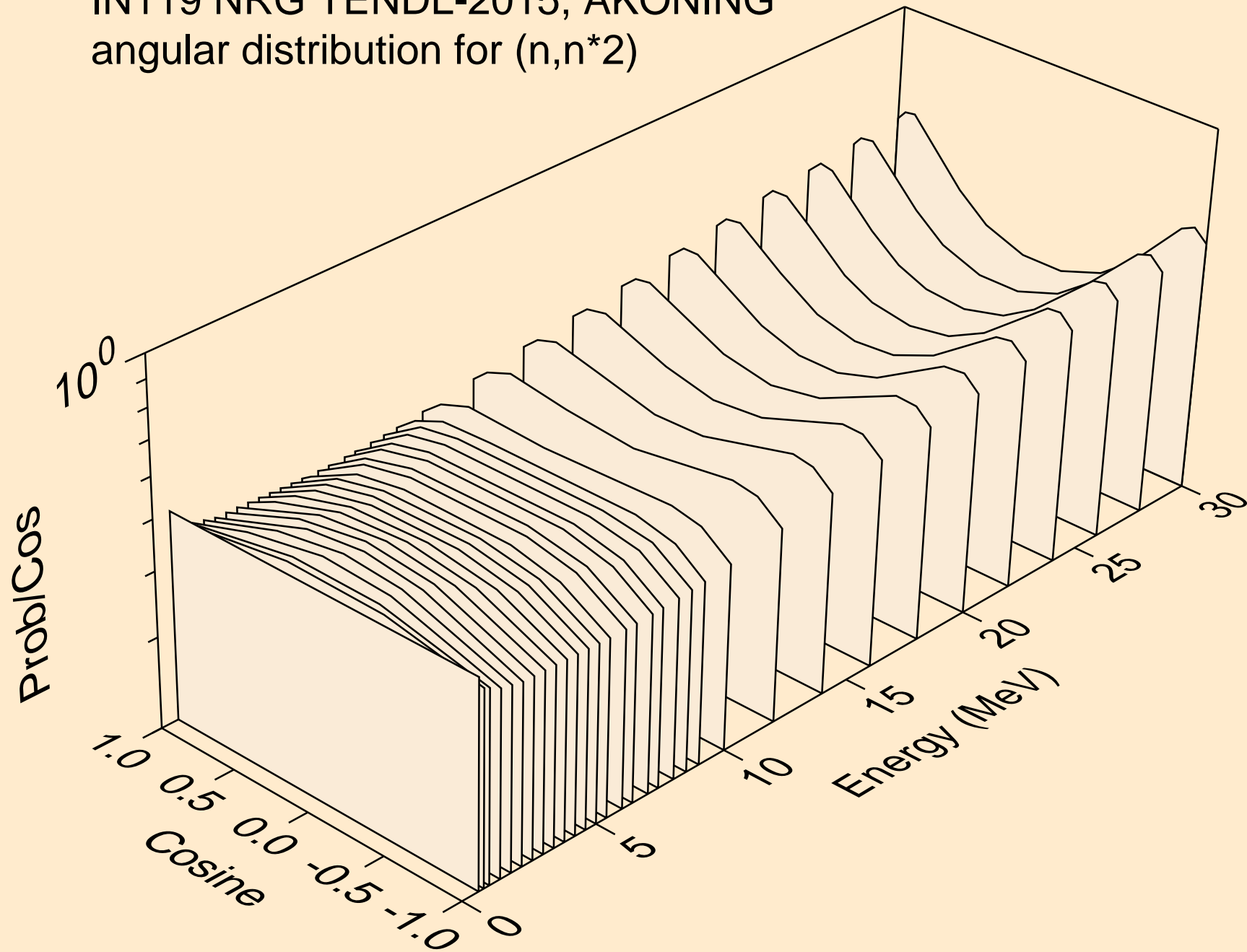
IN119 NRG TENDL-2015, AKONING  
angular distribution for elastic



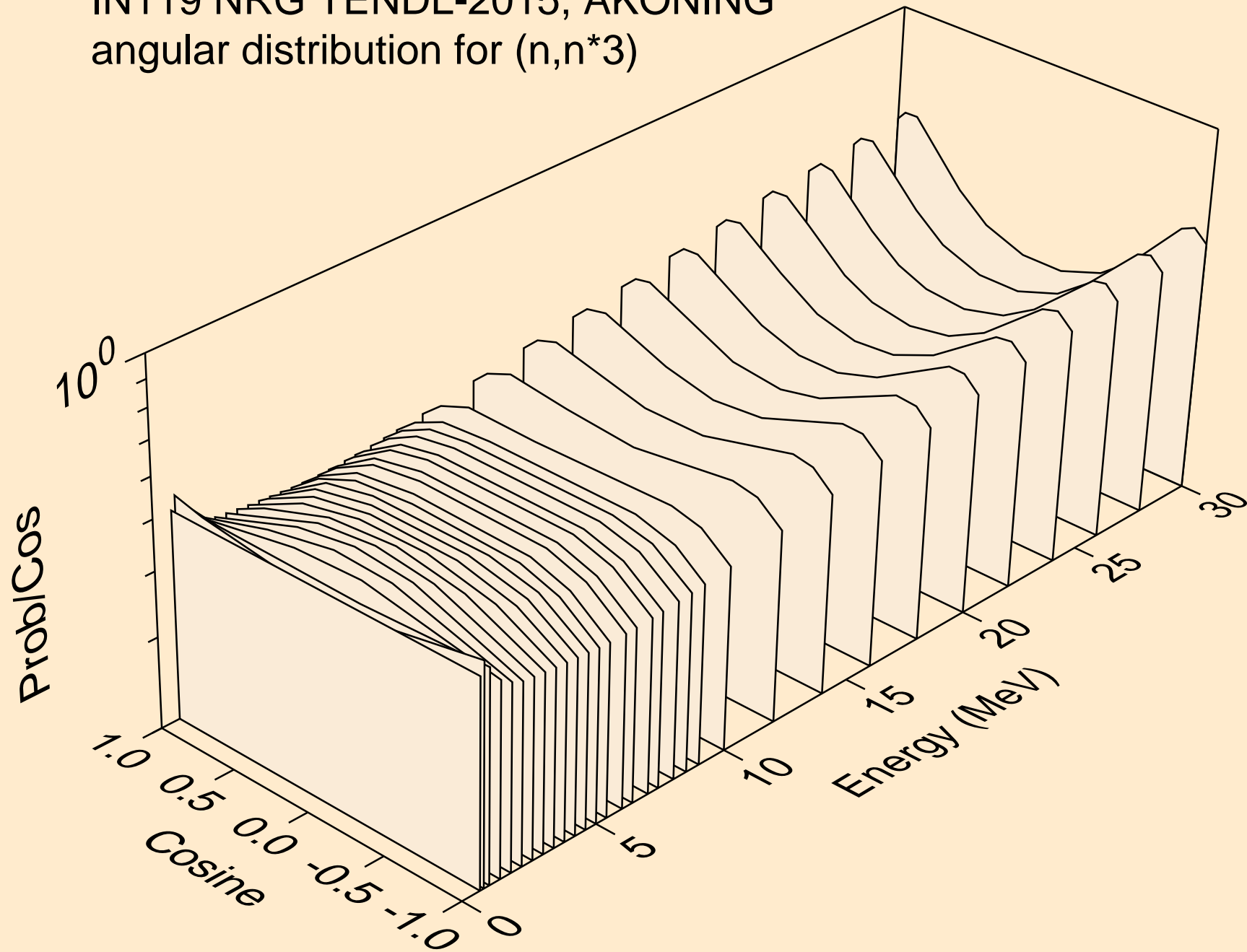
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



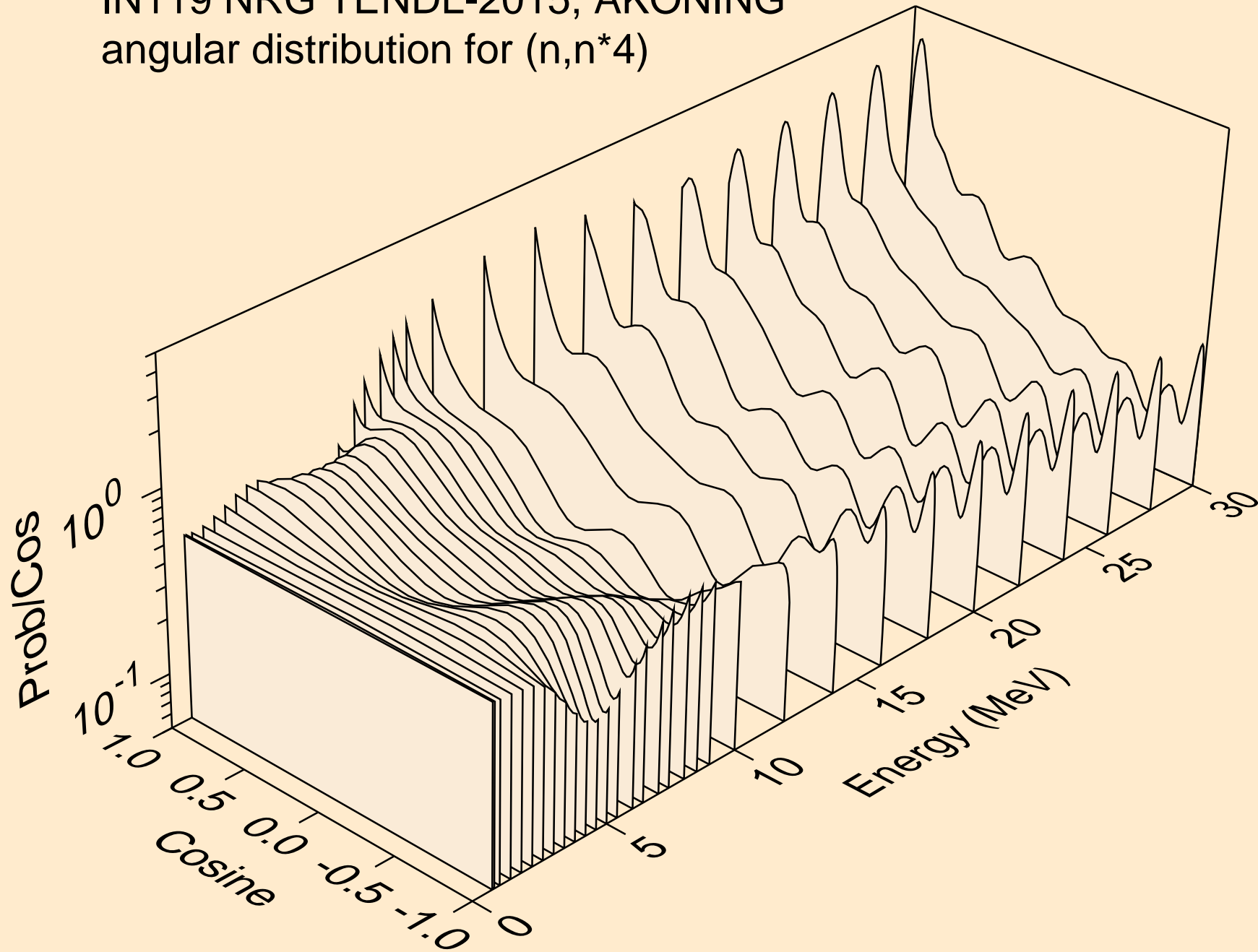
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



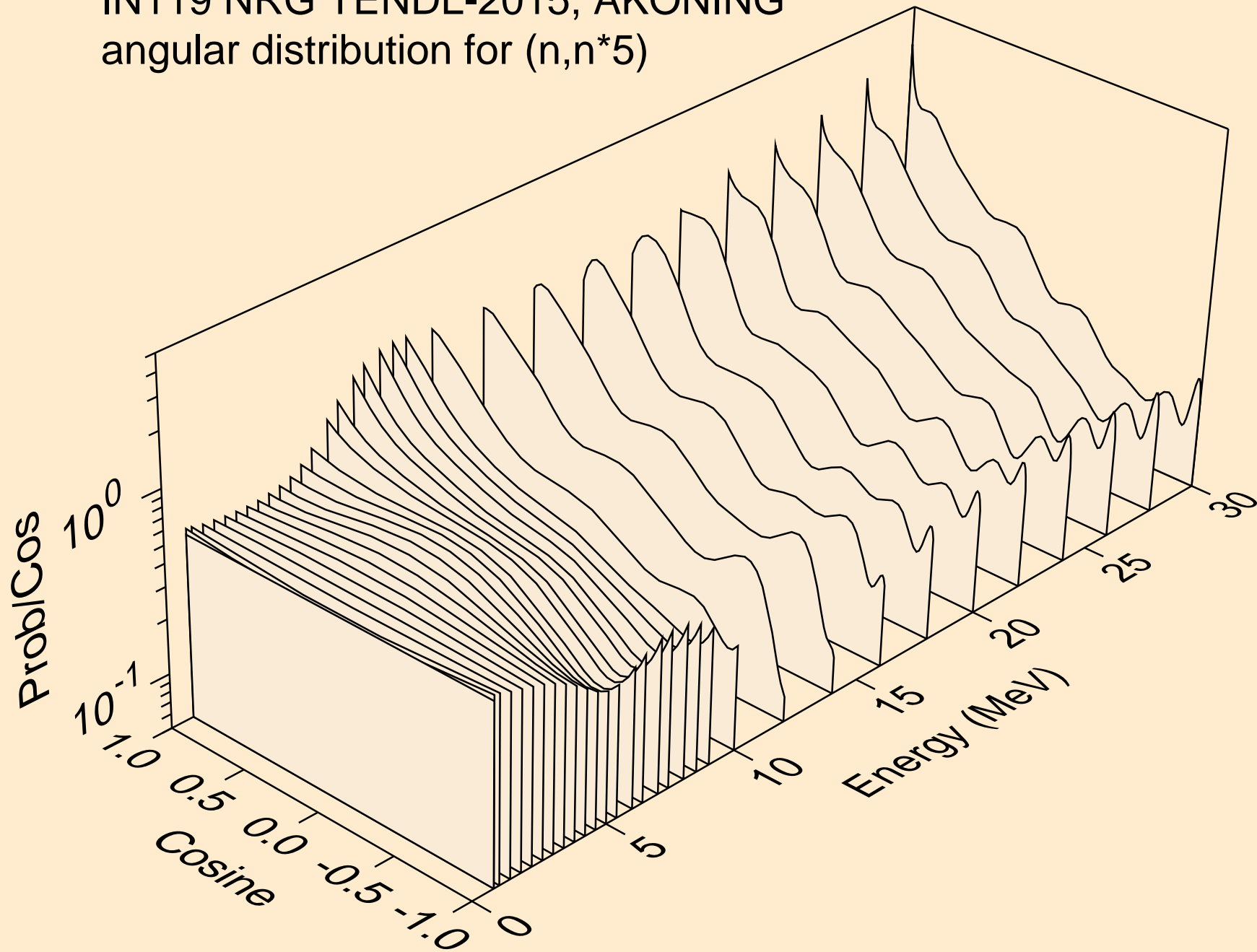
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



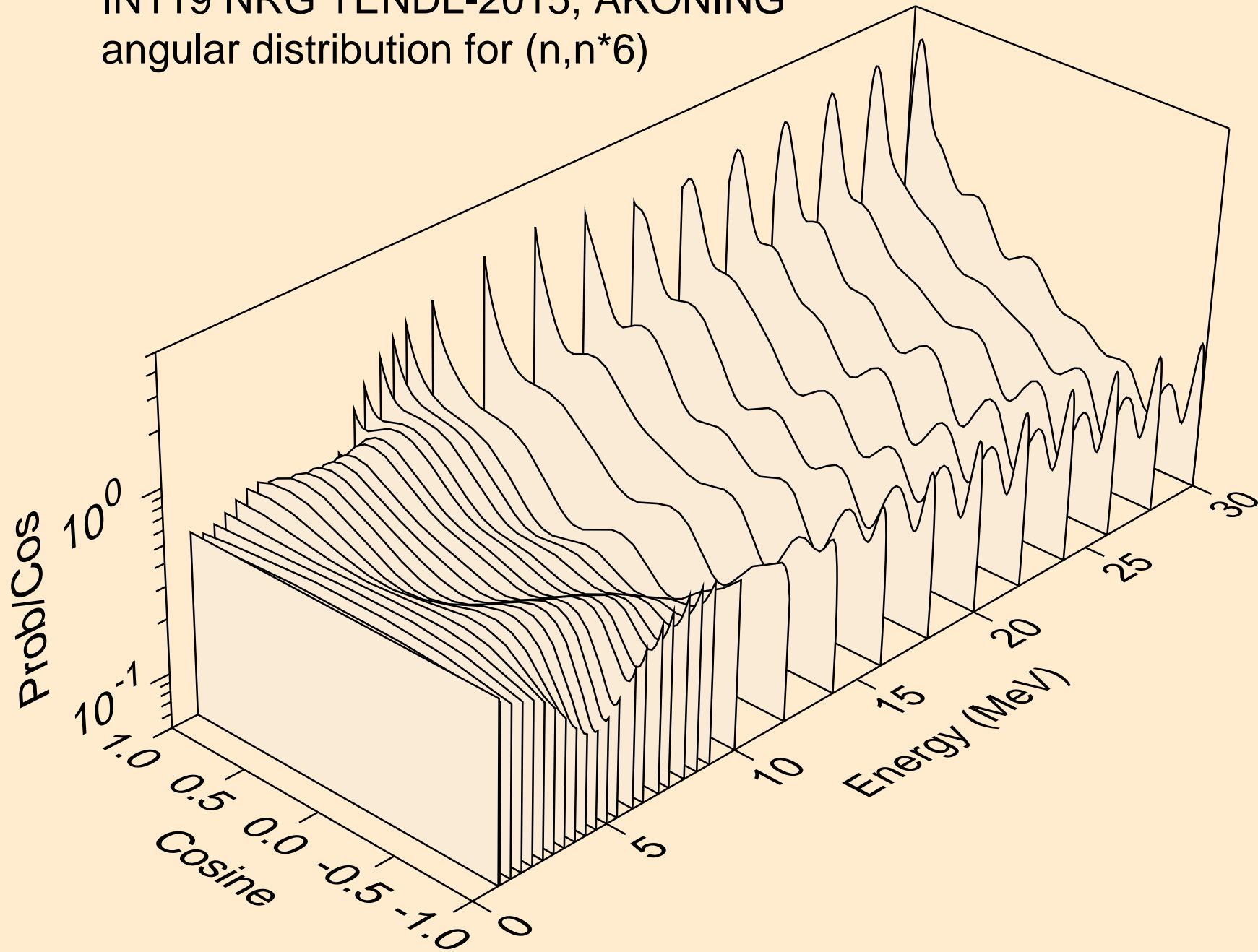
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



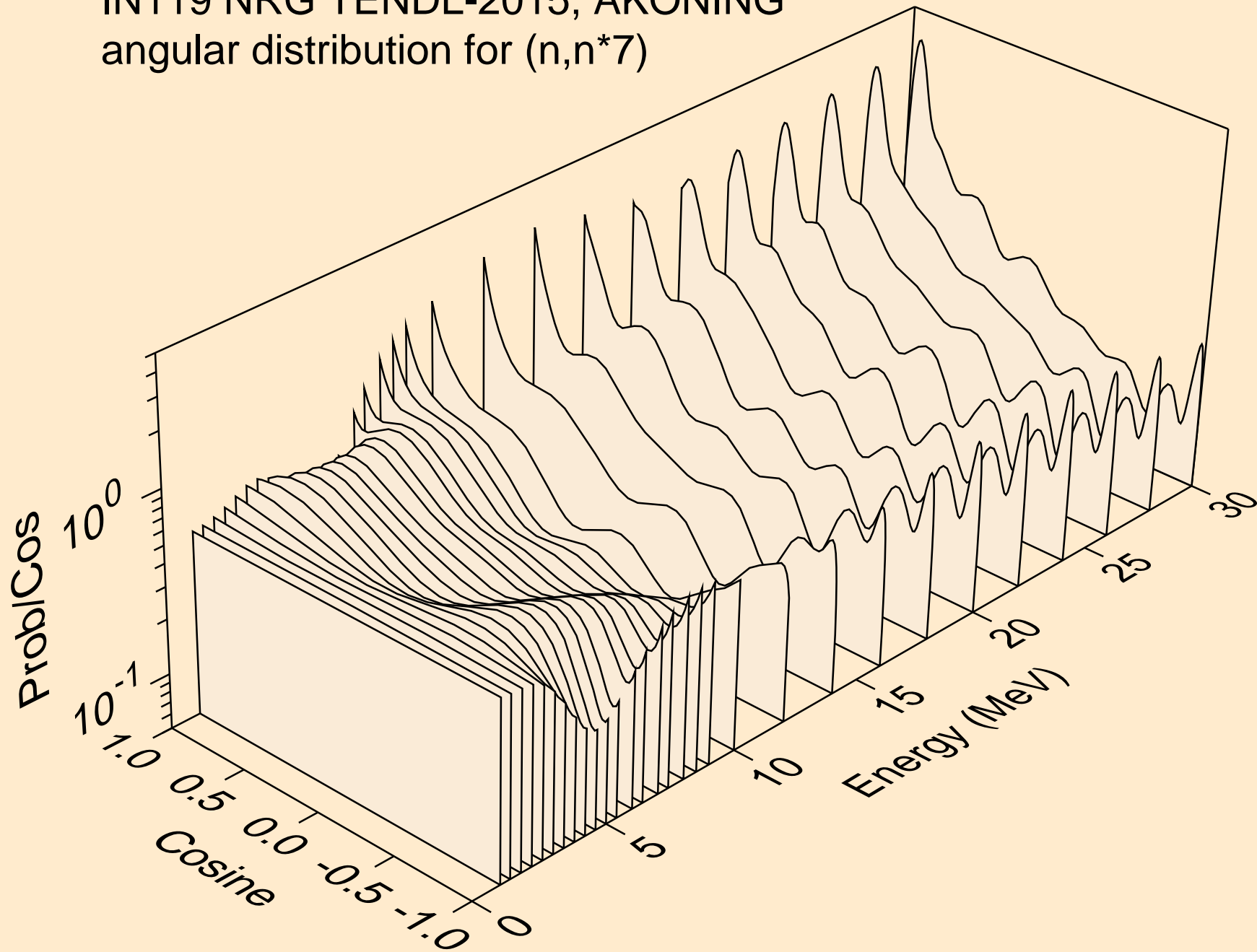
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

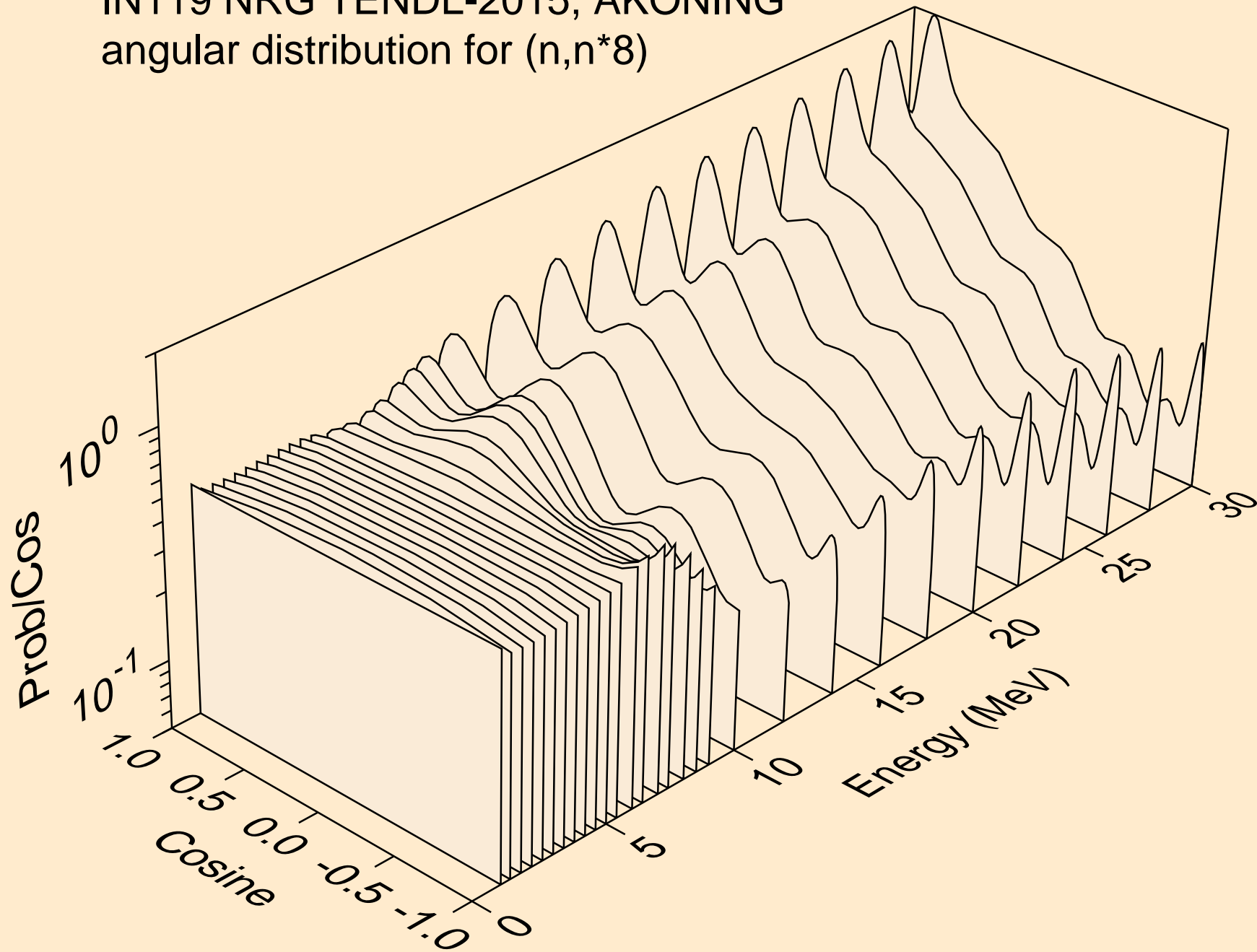


IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

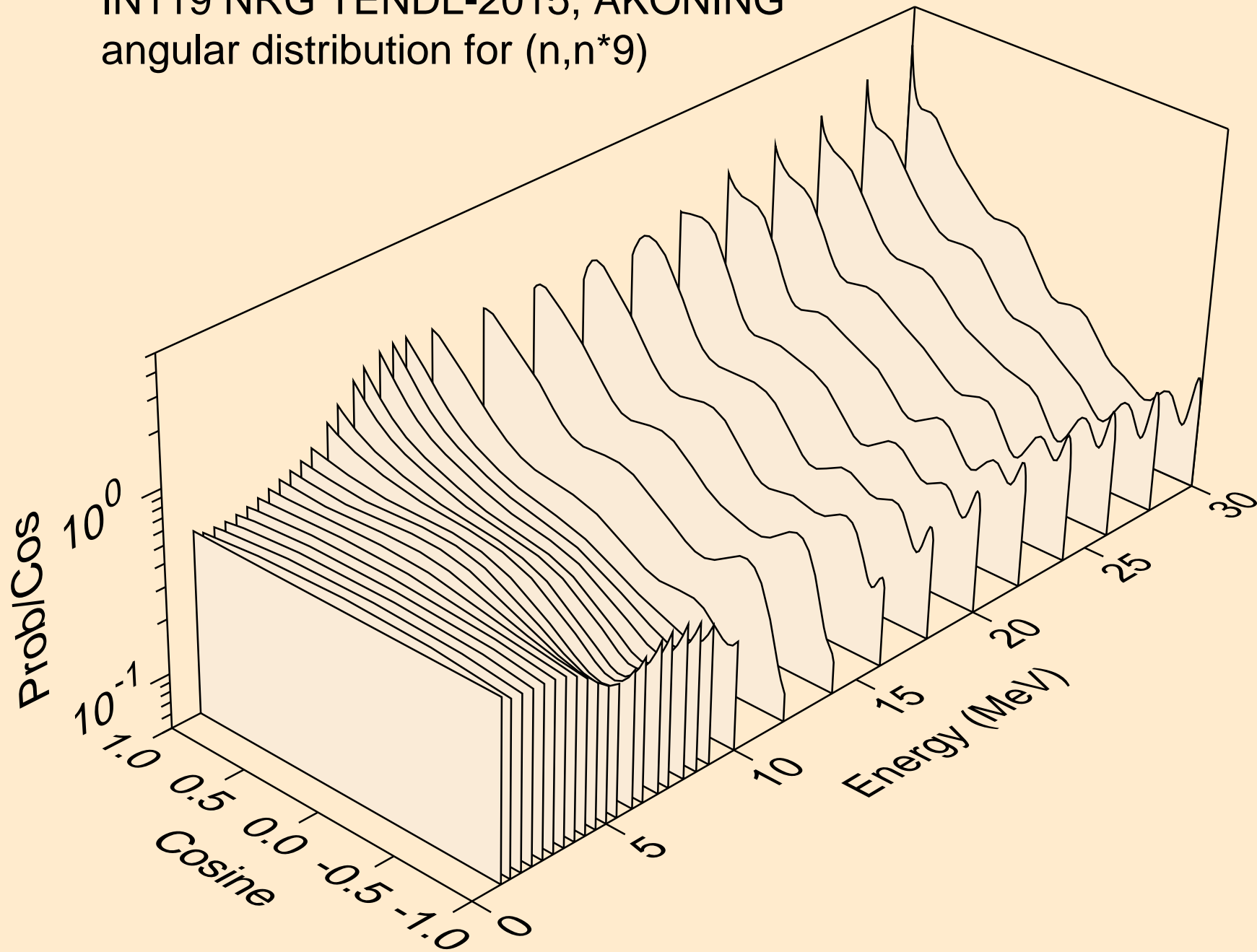




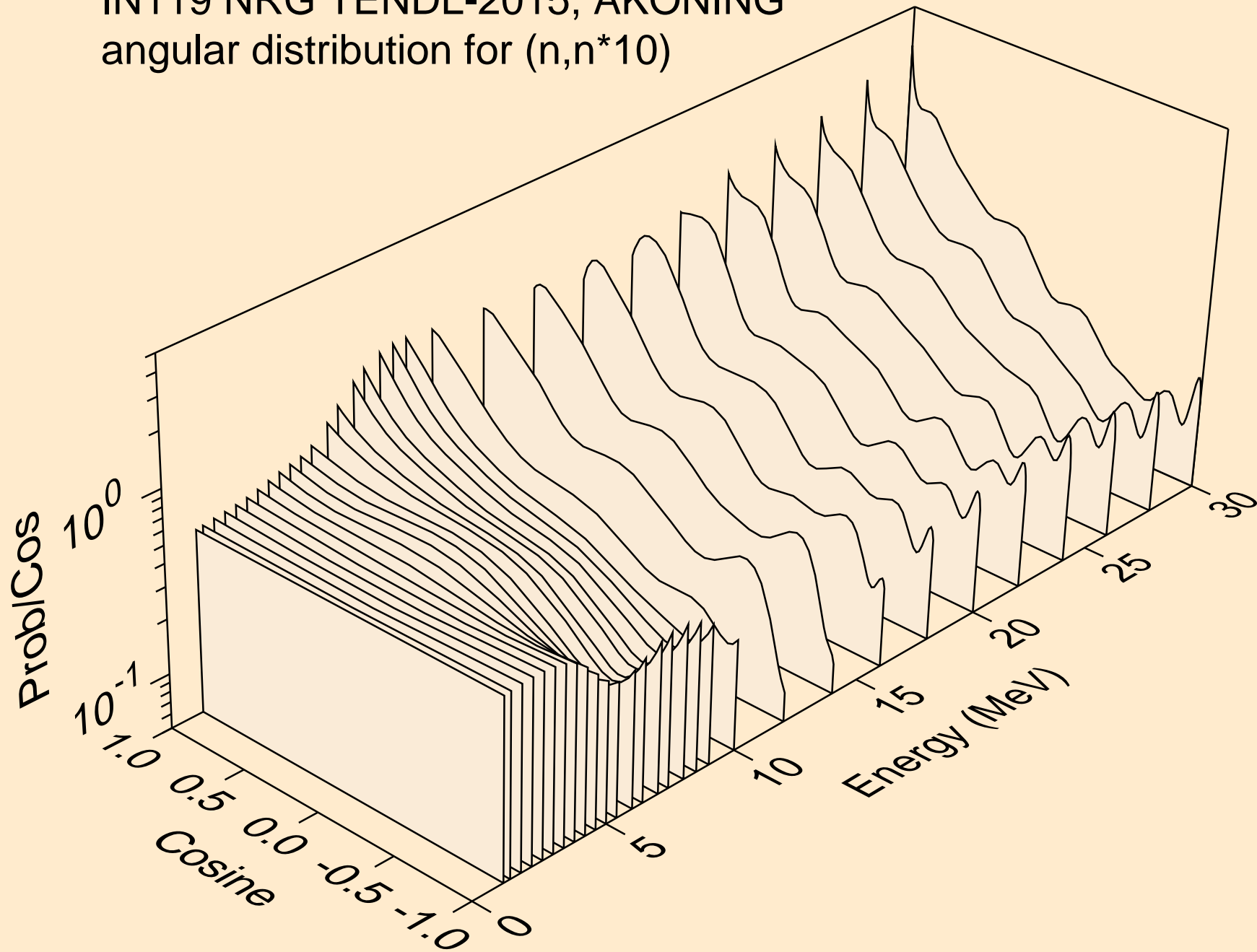
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



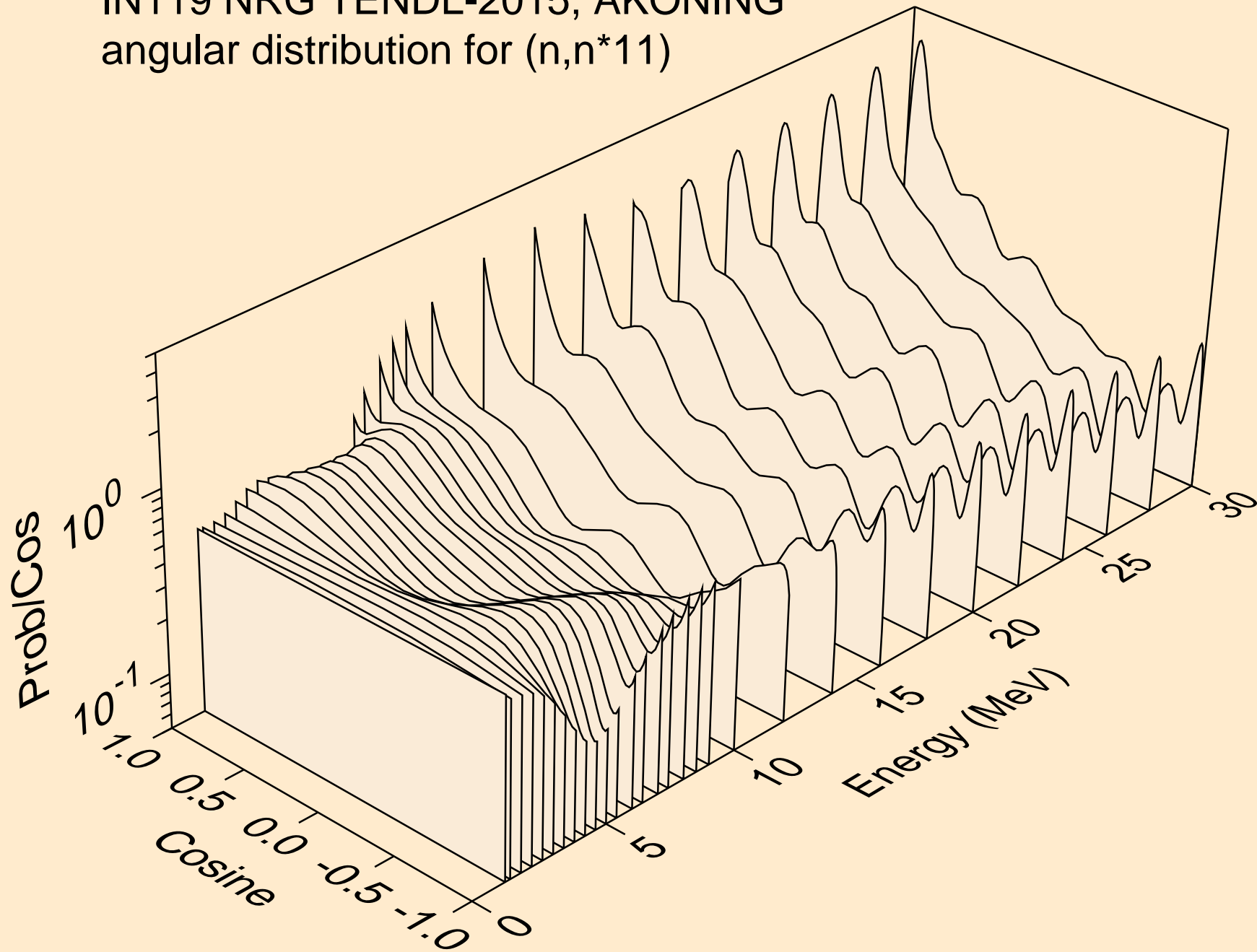
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



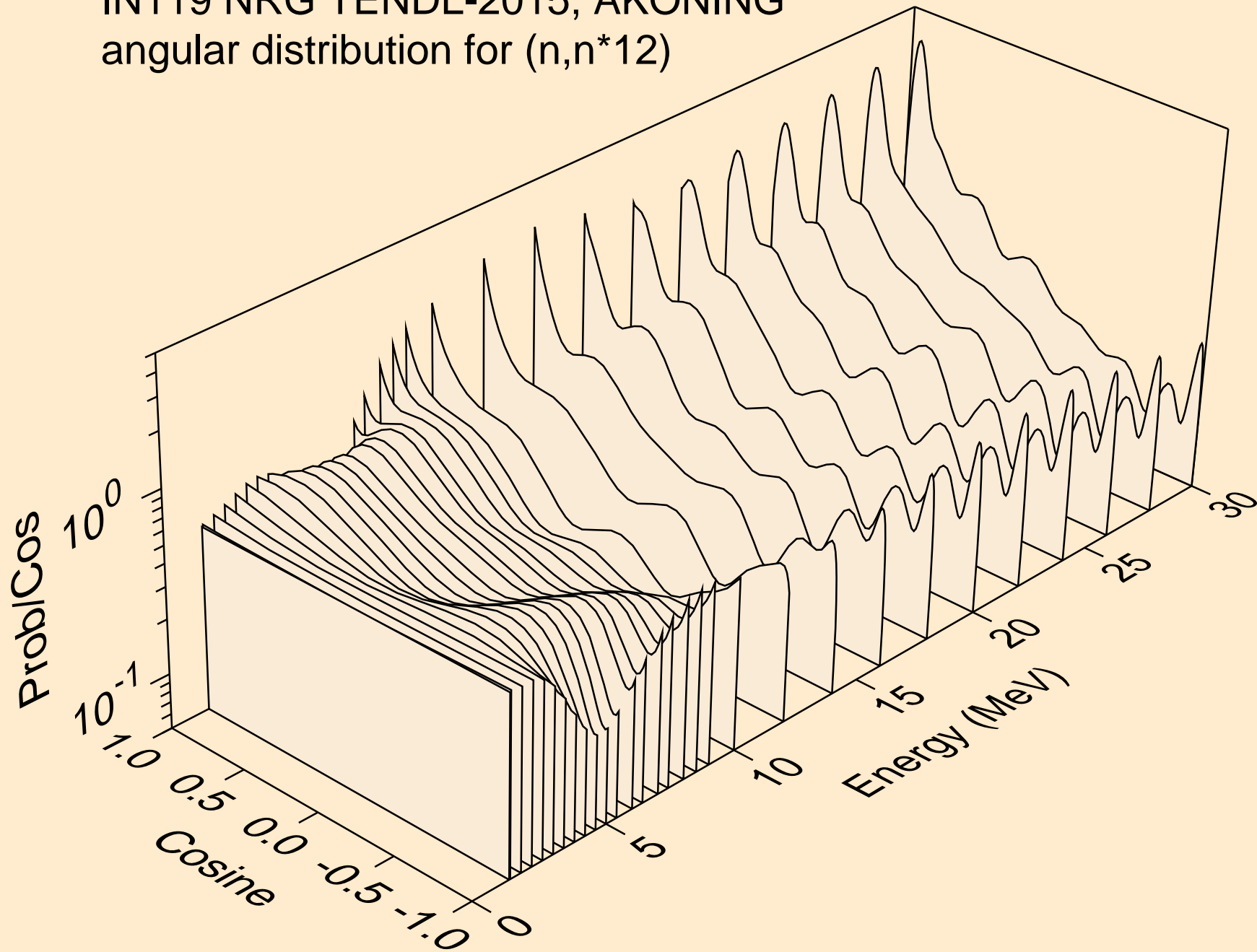
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



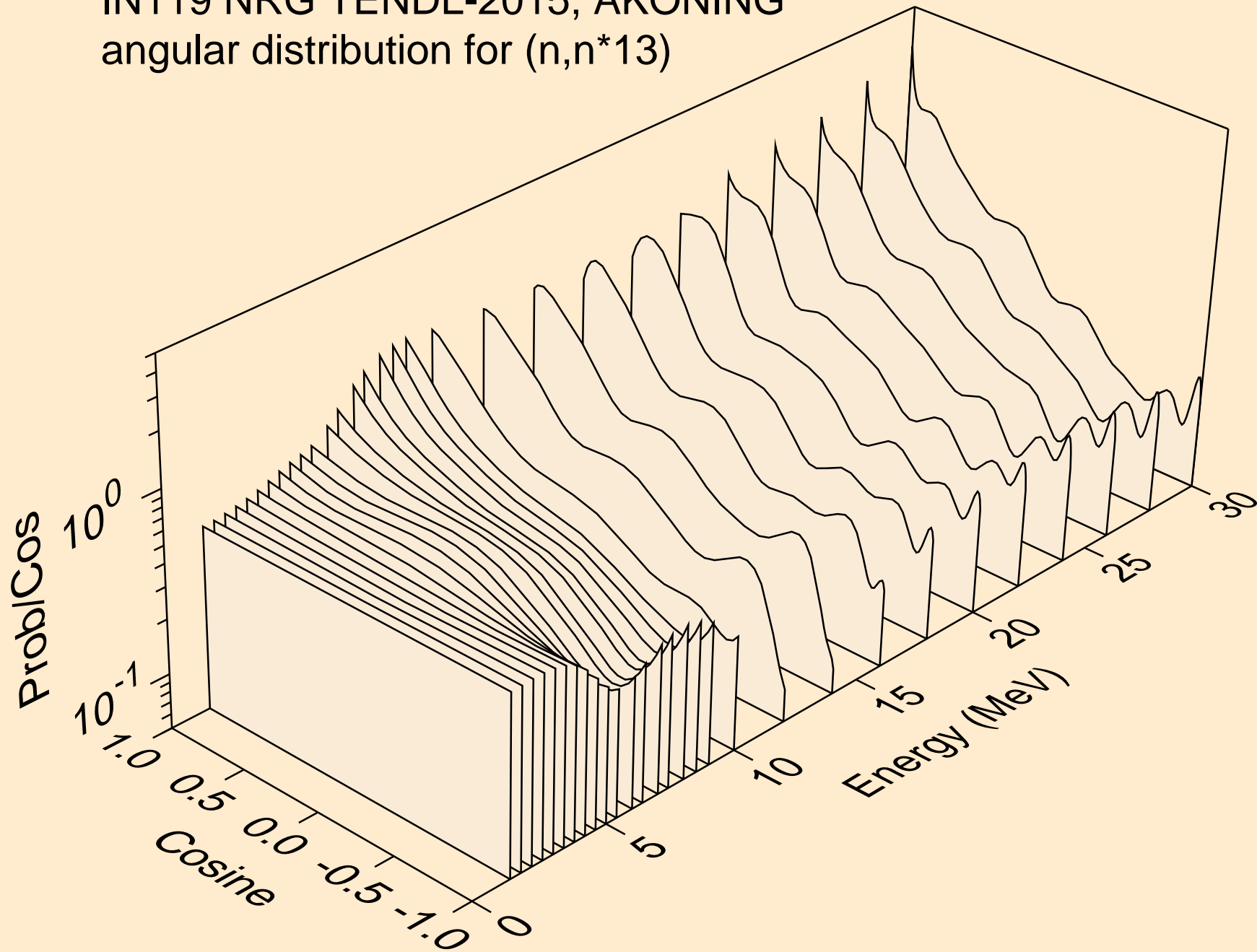
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



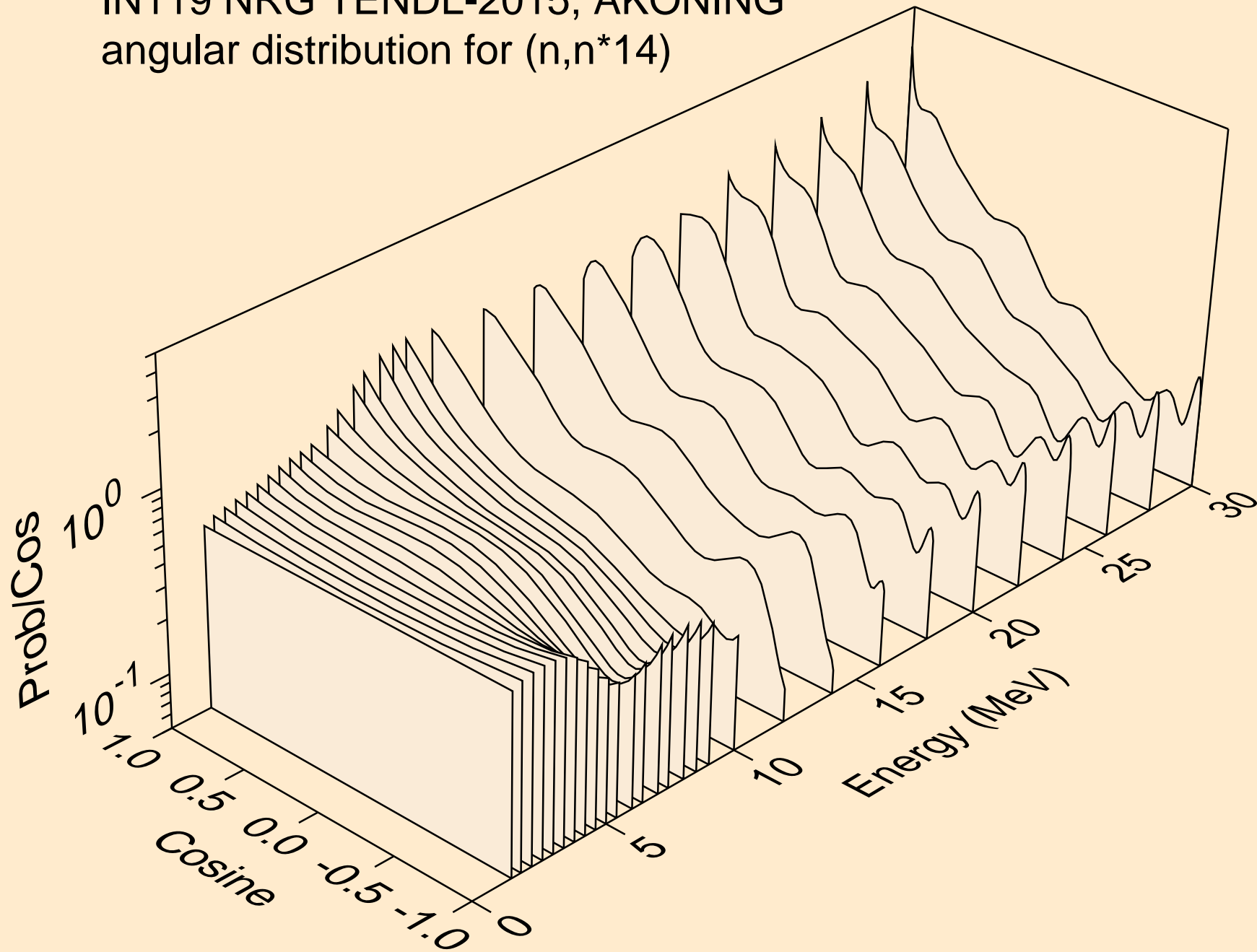
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



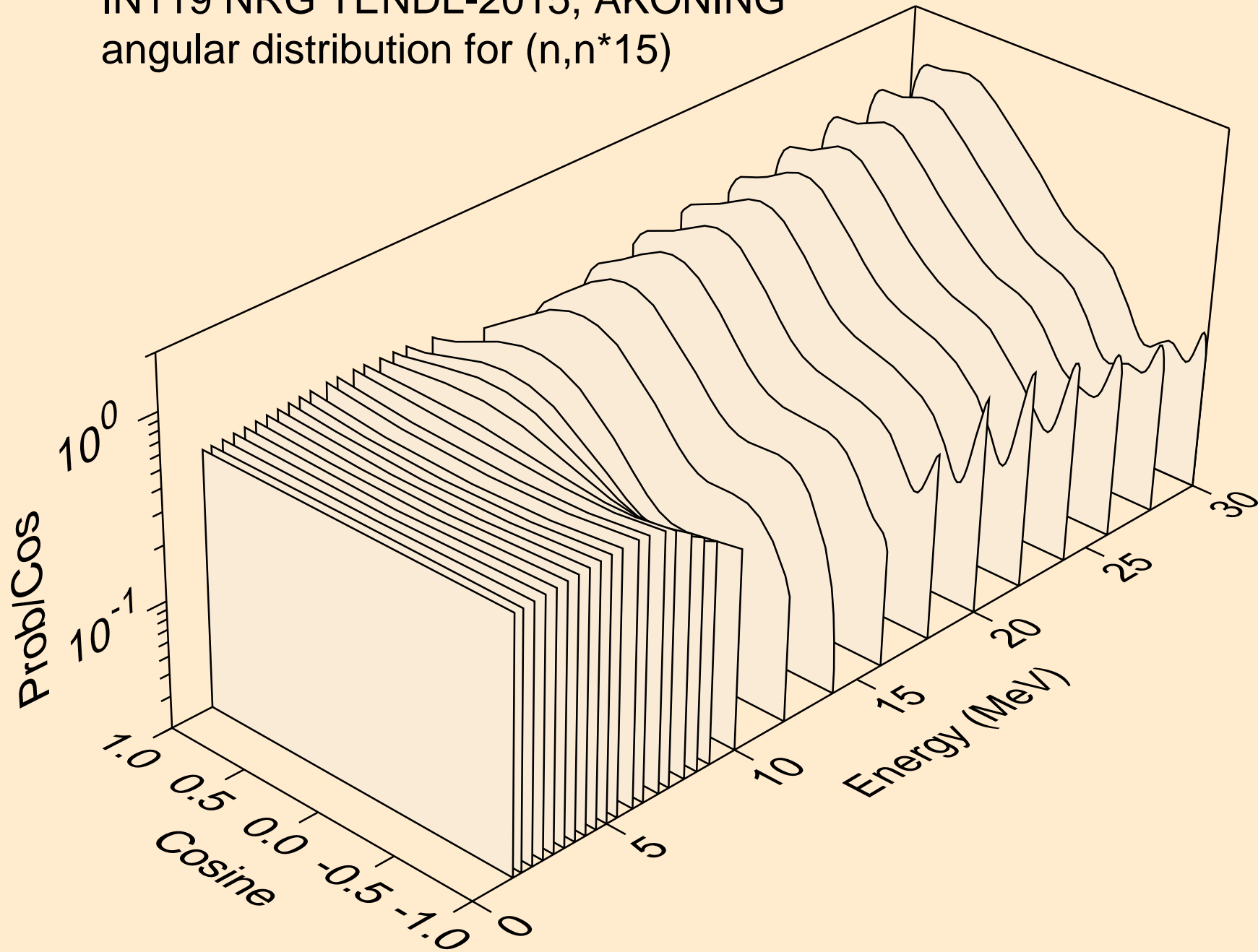
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

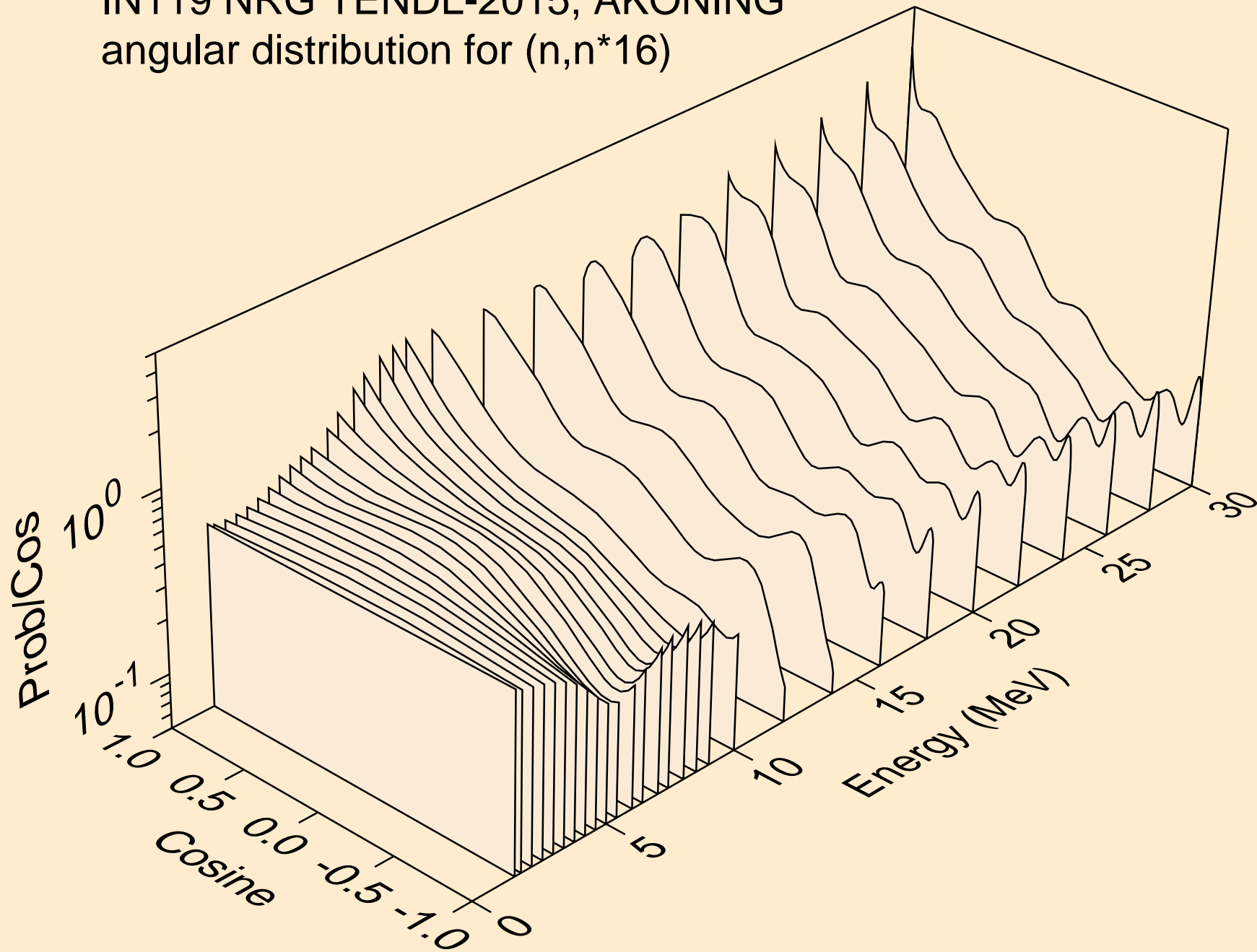


IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

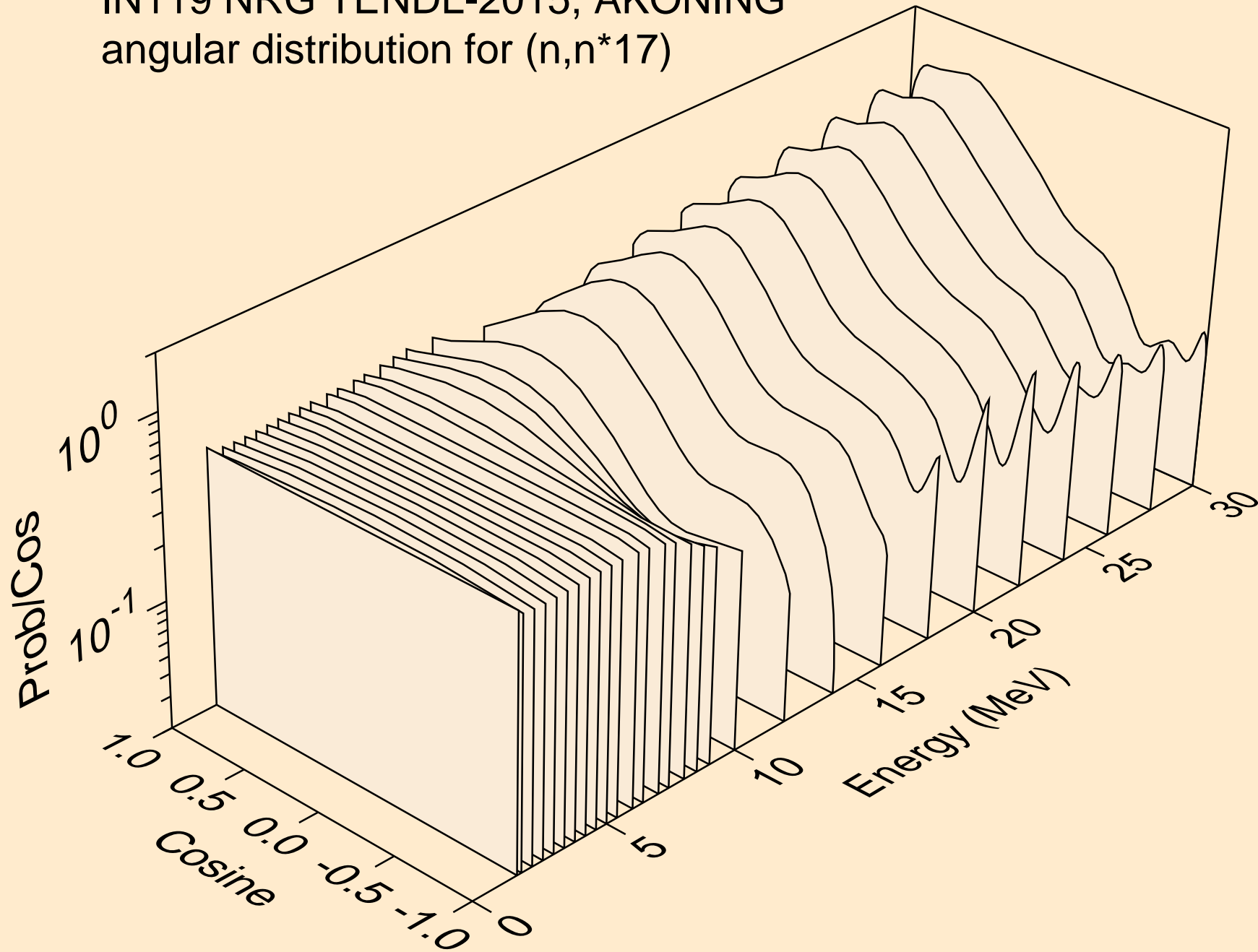




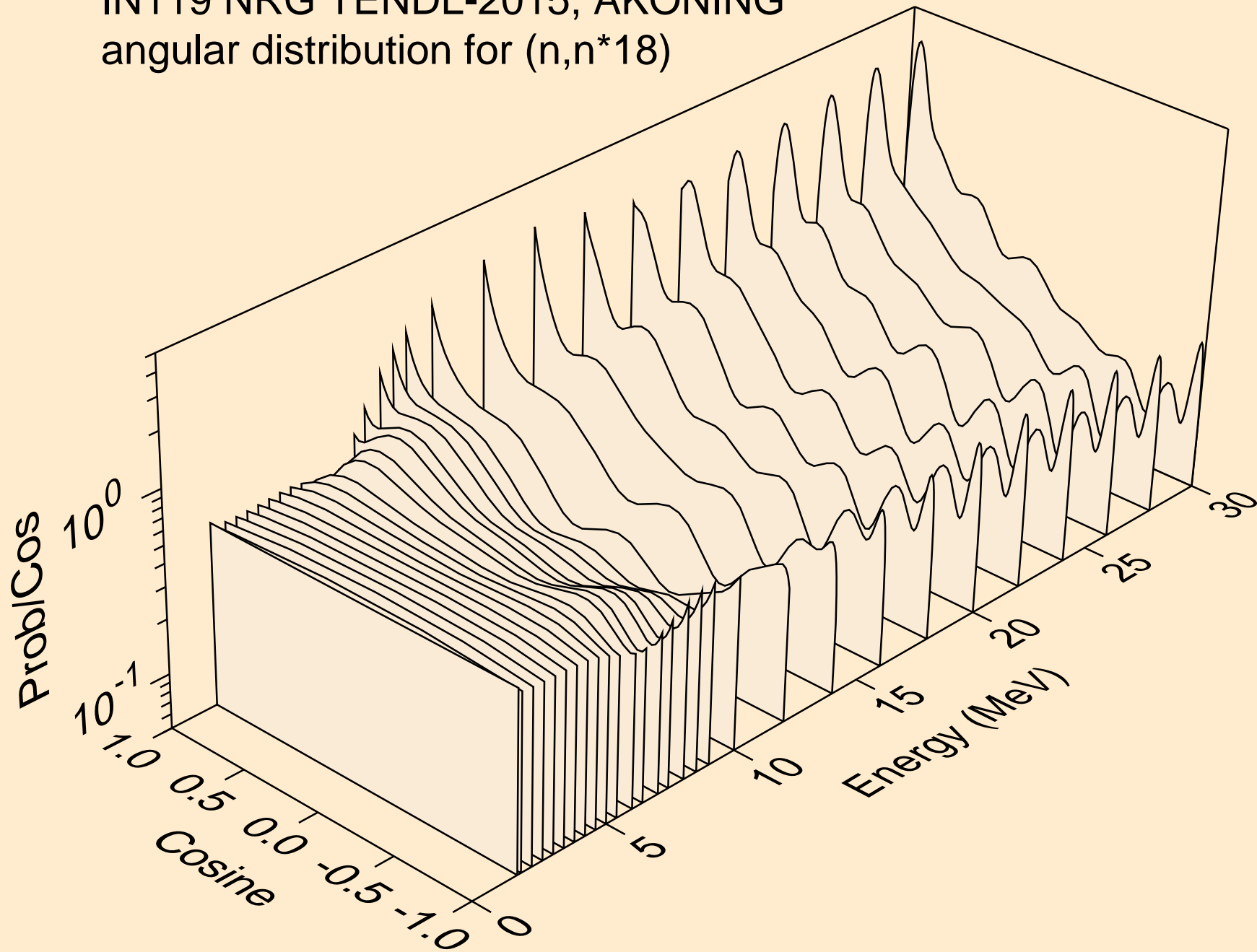
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



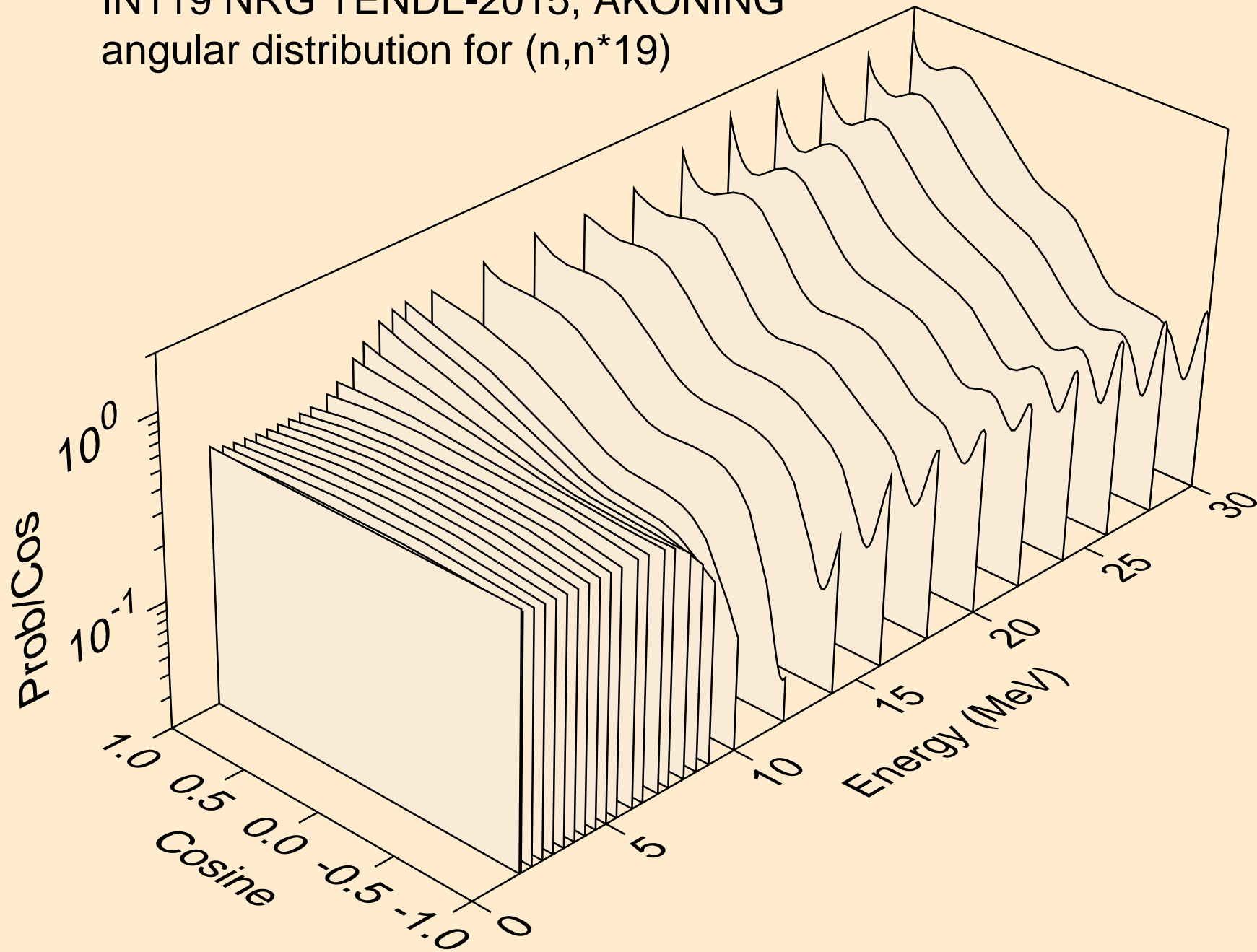
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



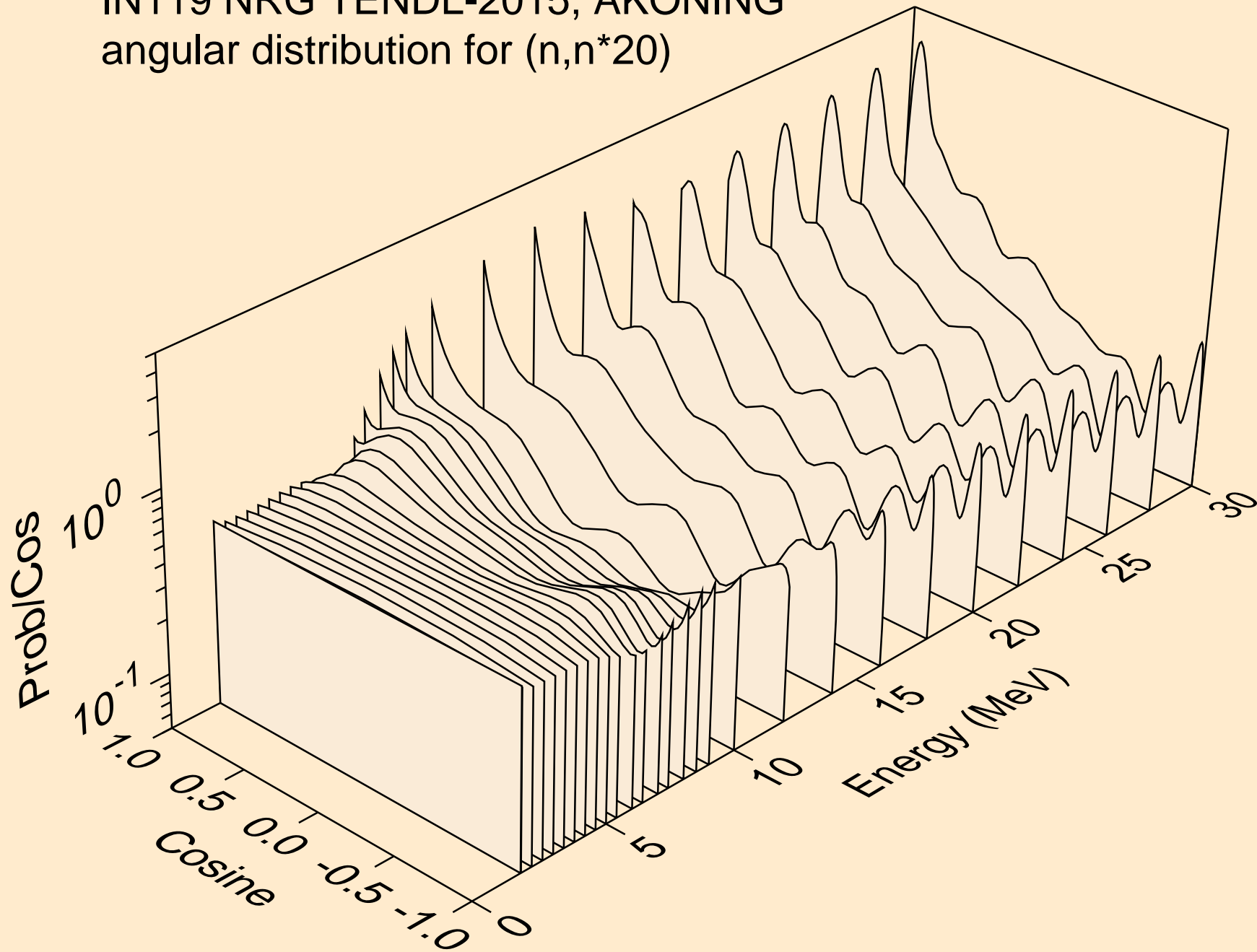
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



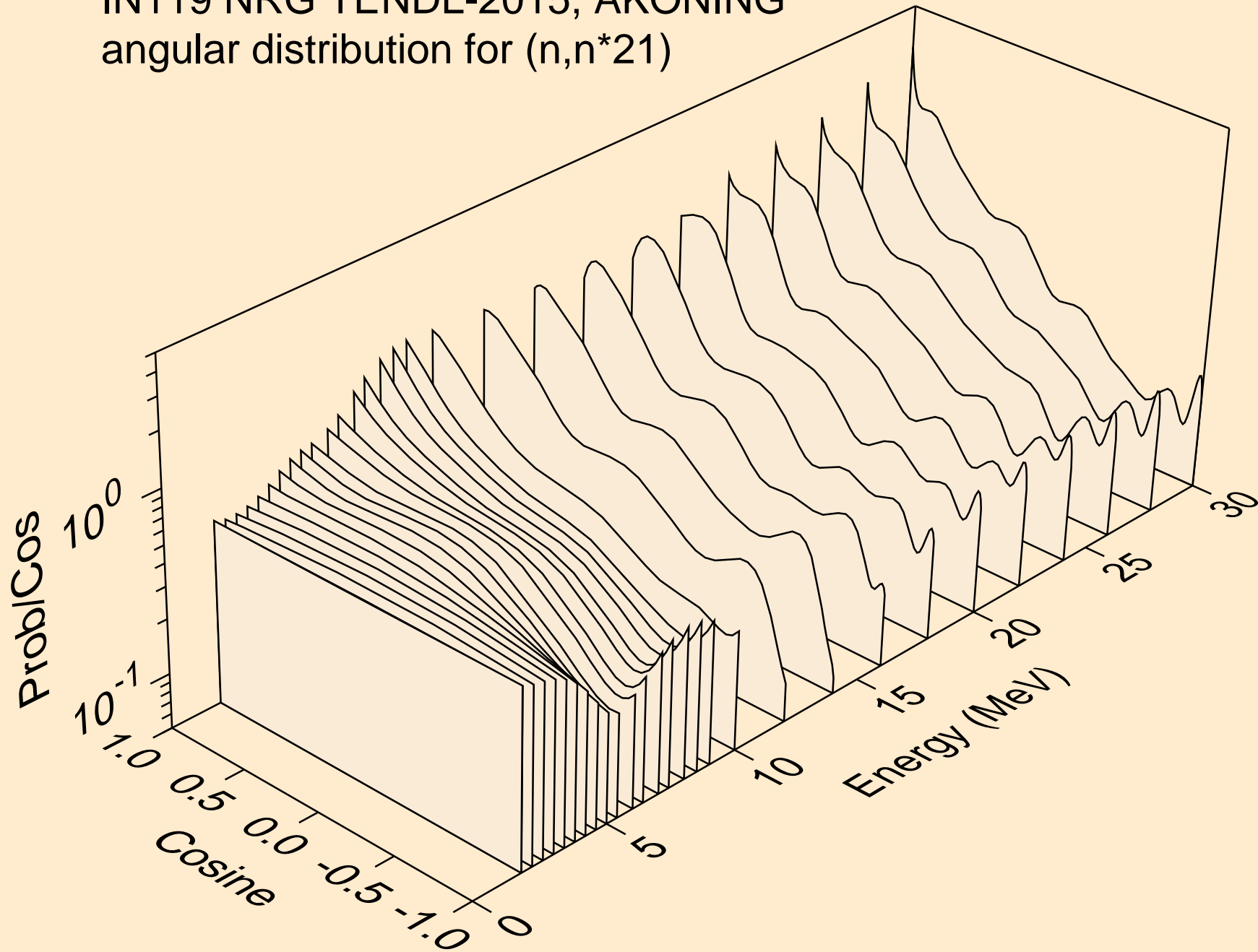
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



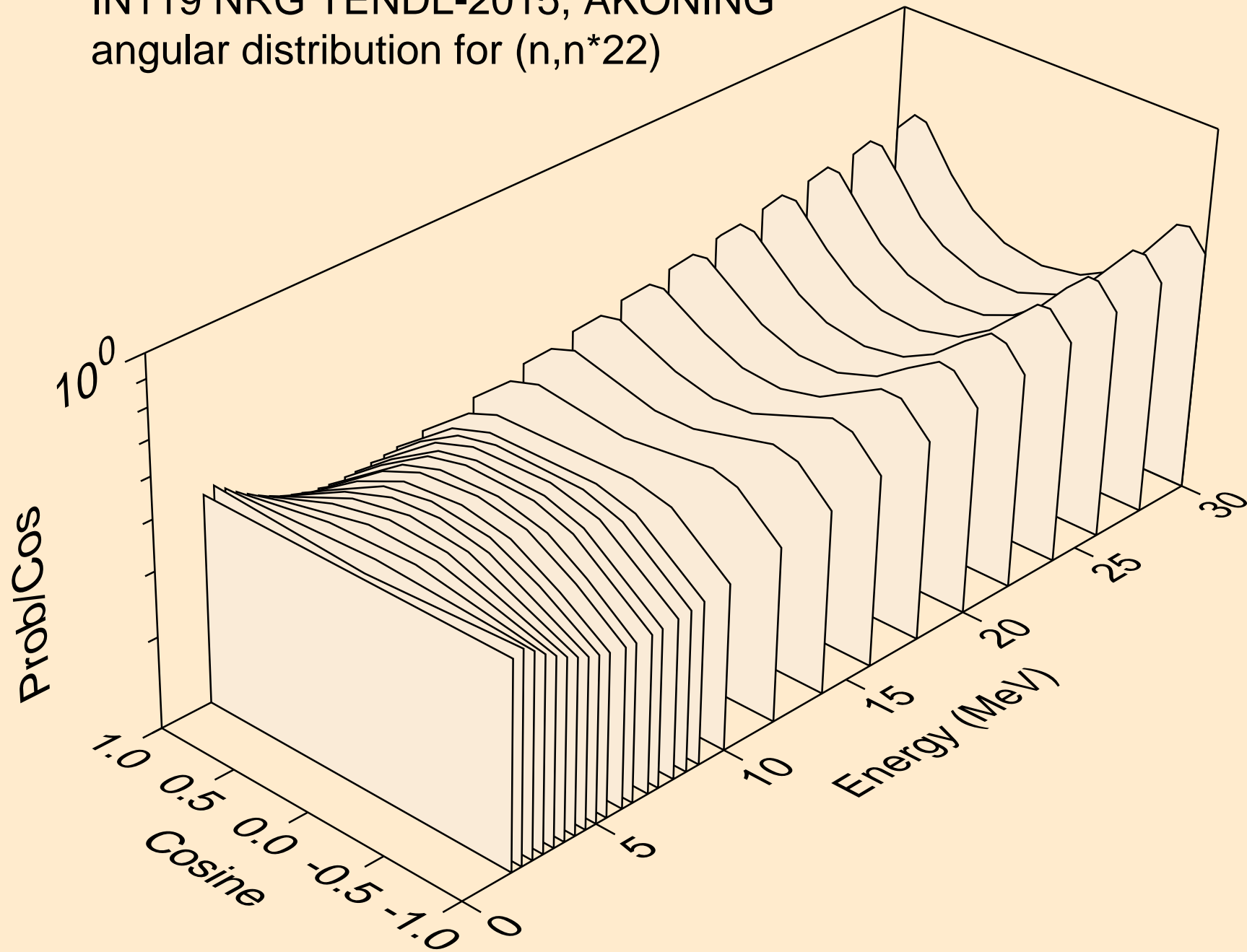
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



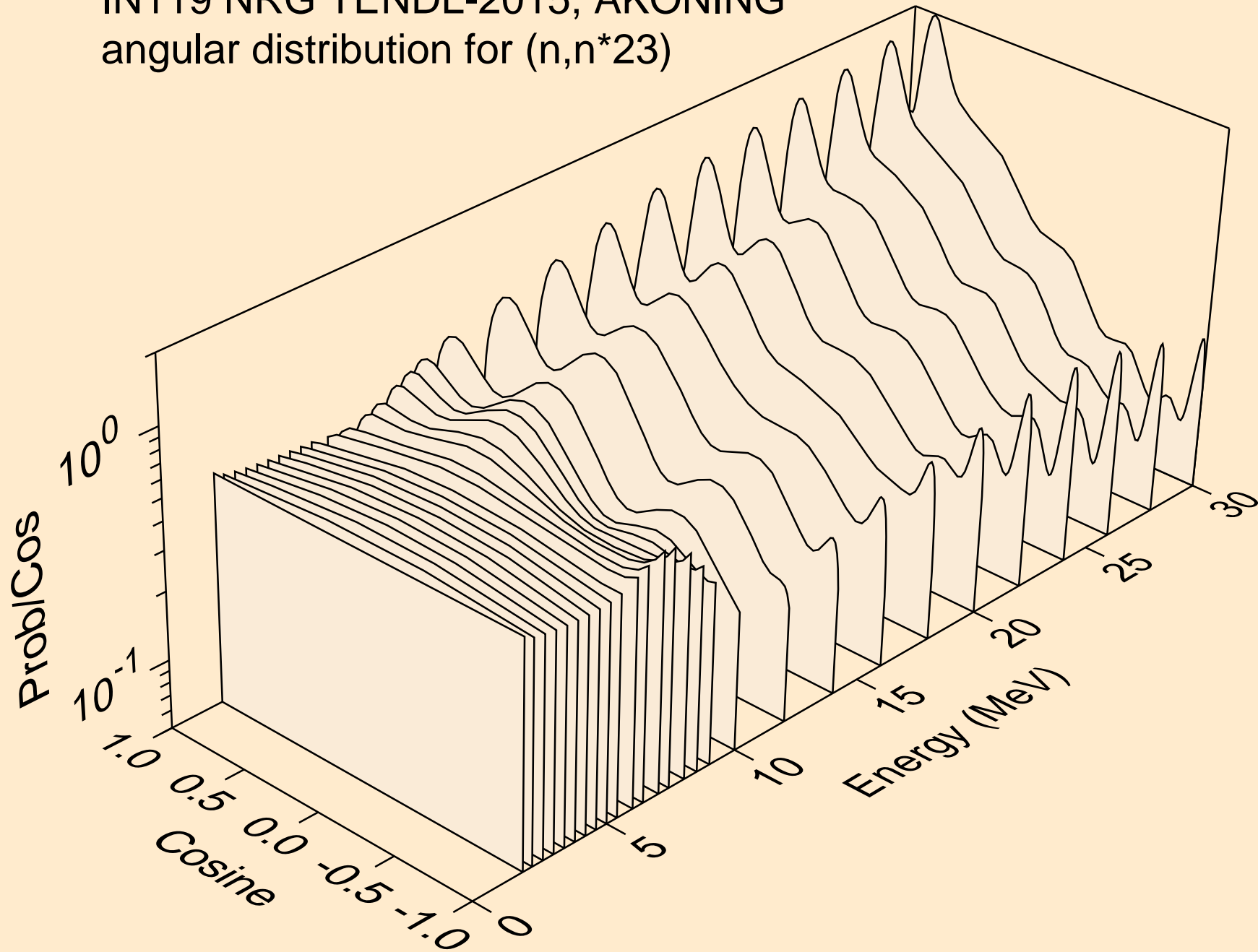
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

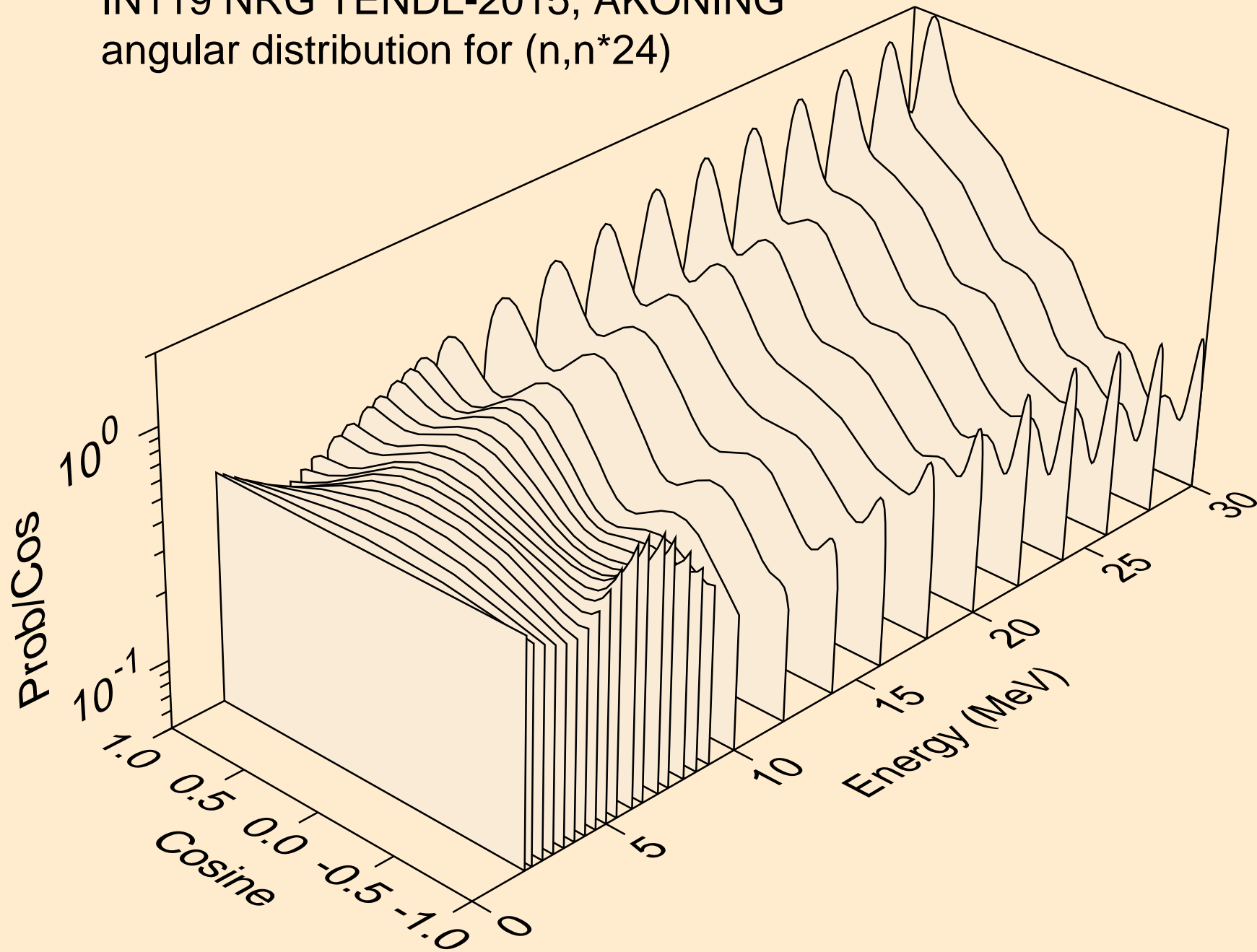


IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

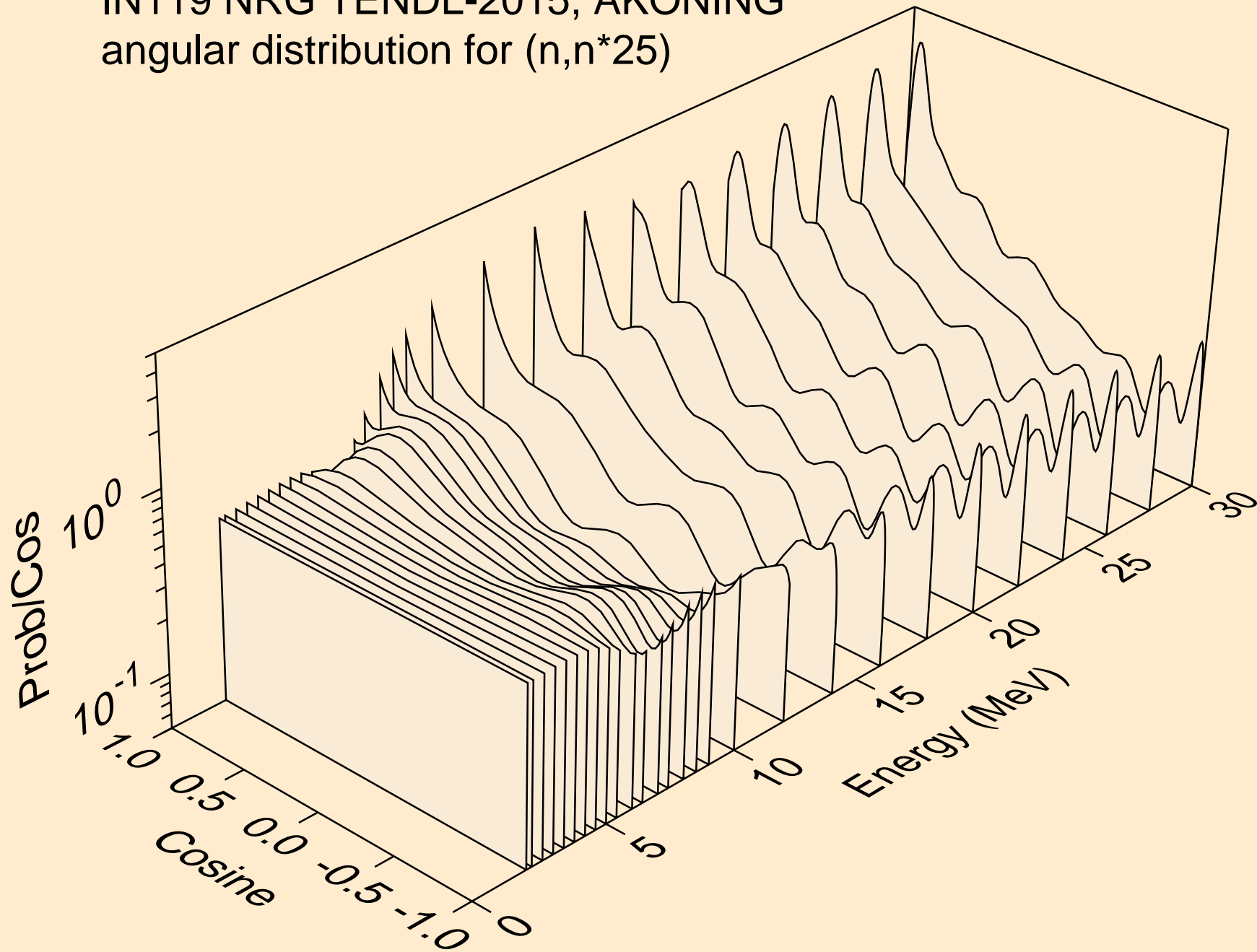




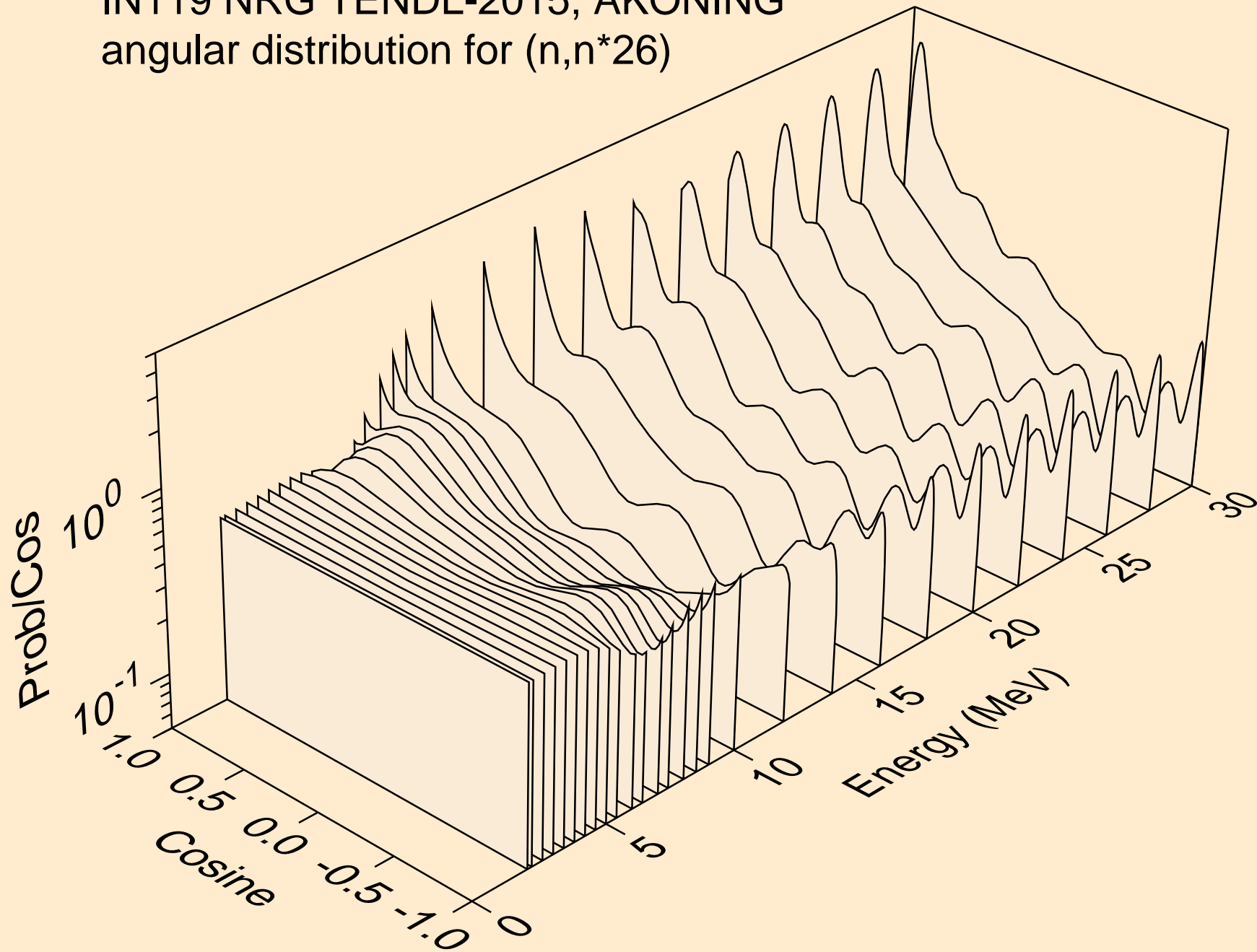
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



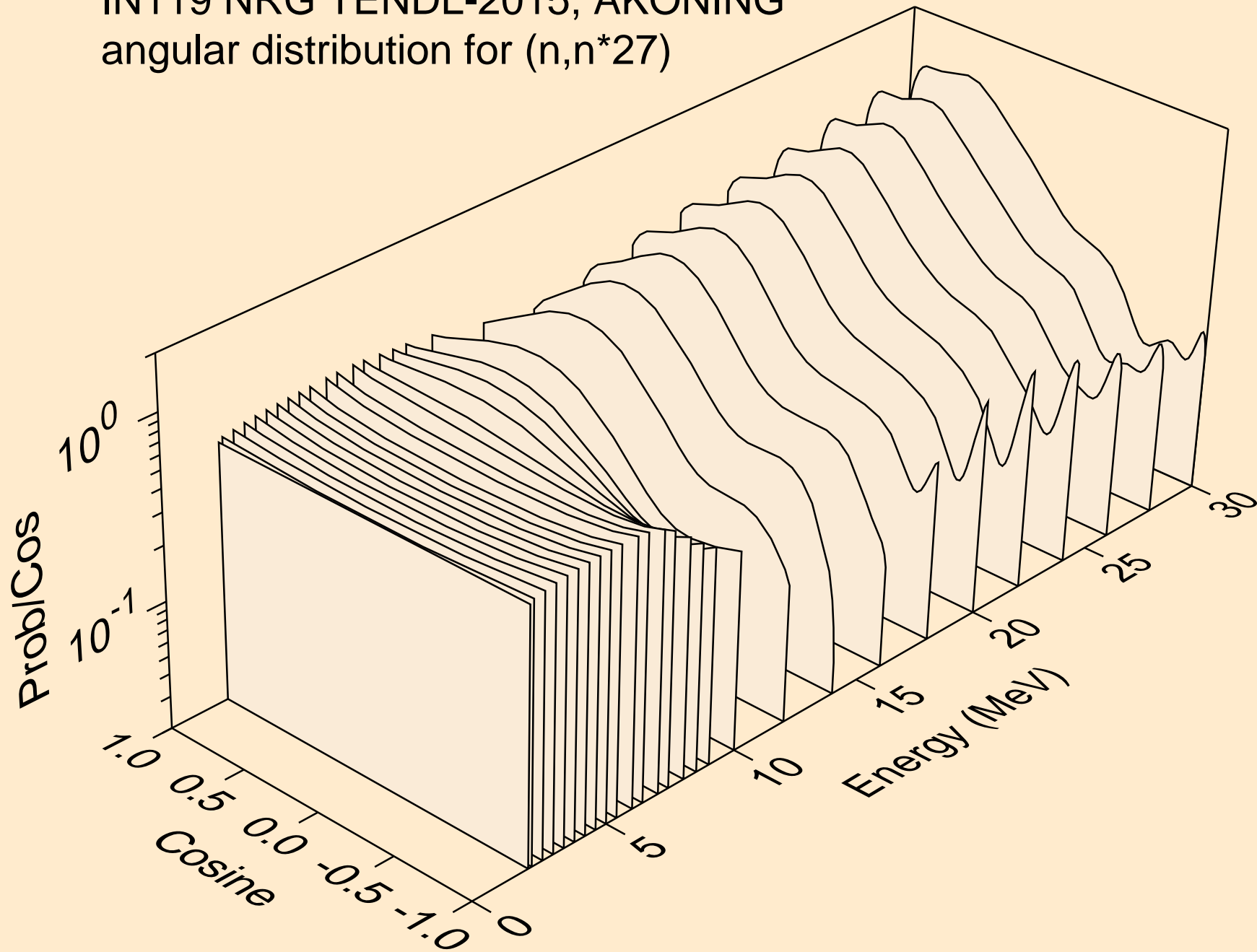
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



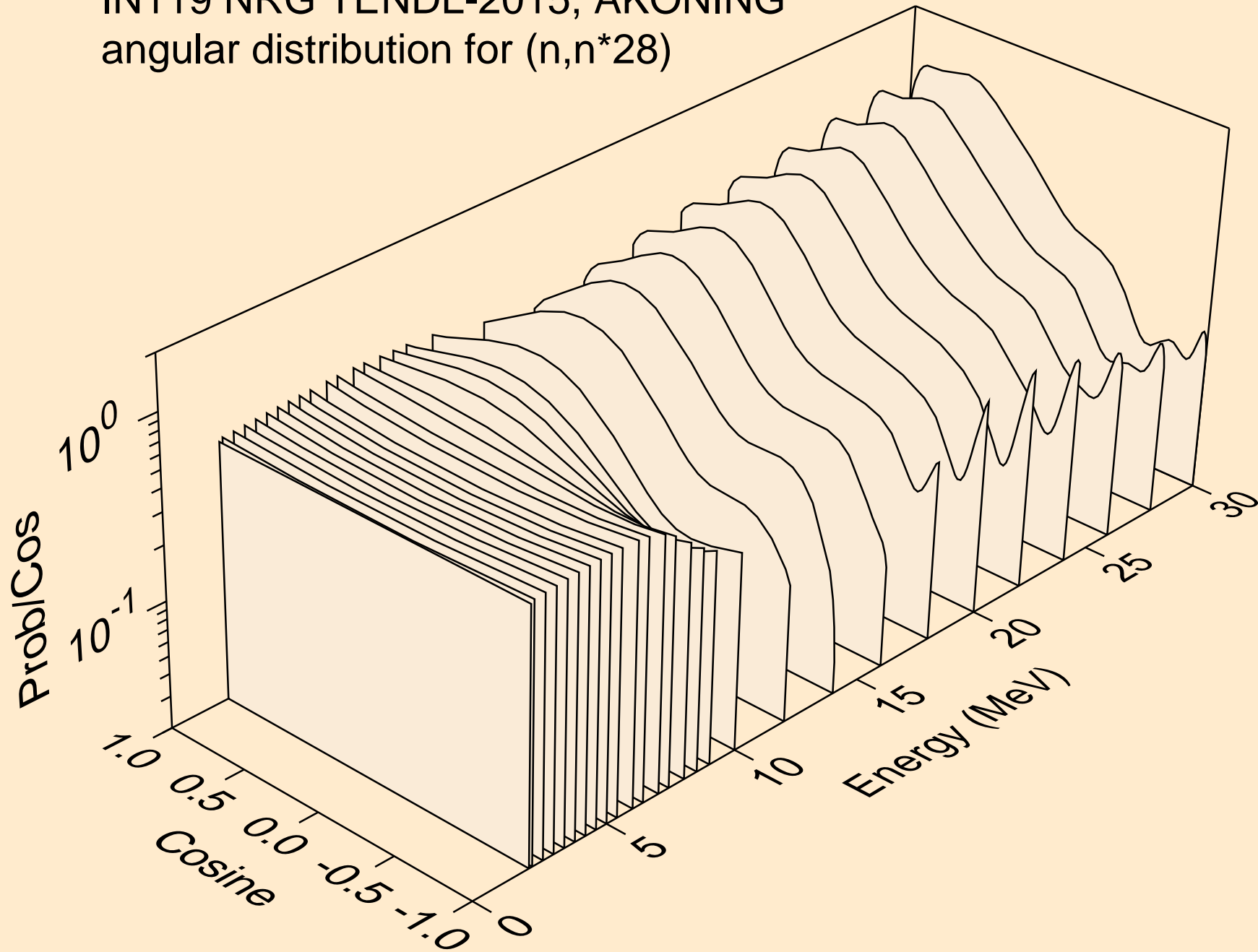
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



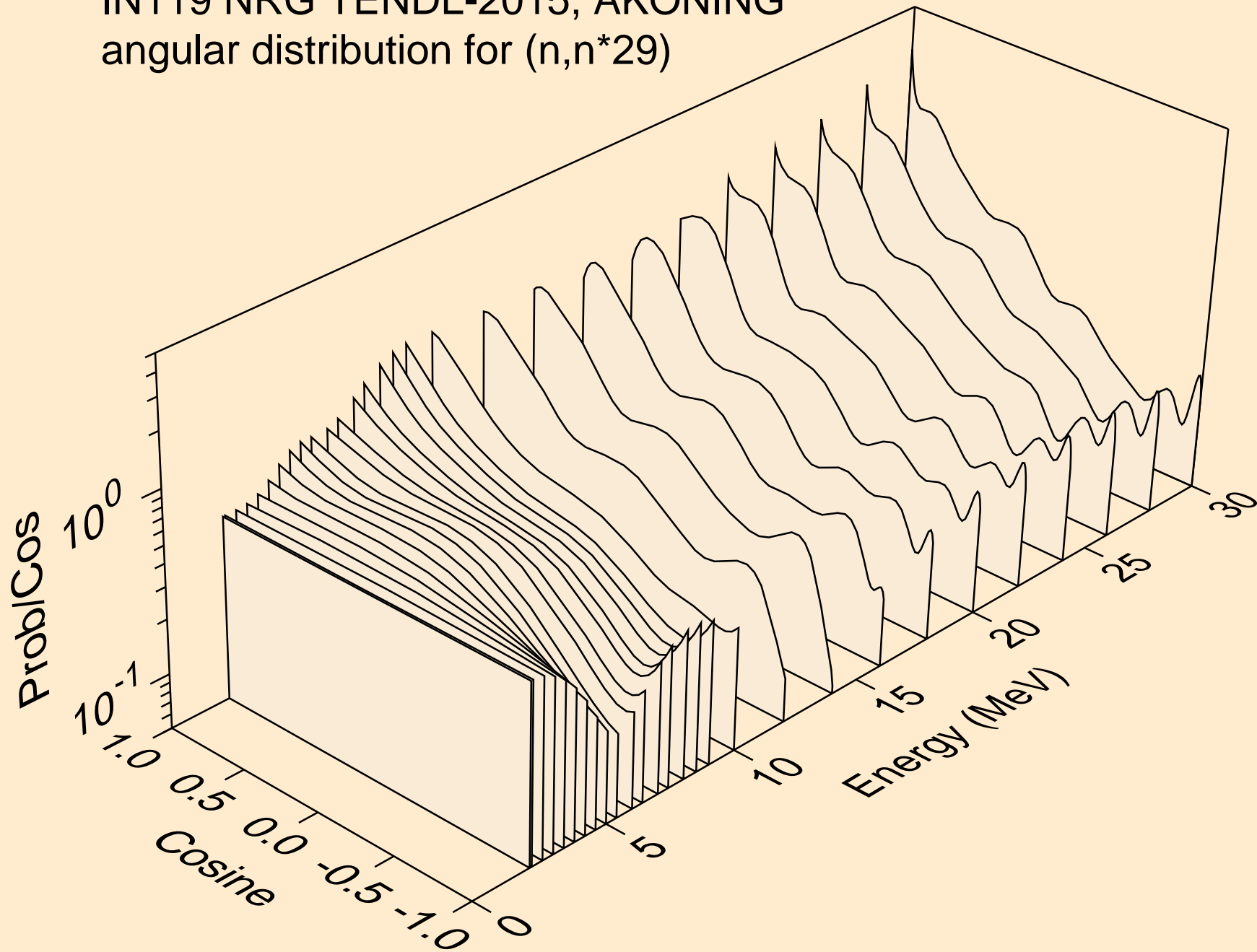
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



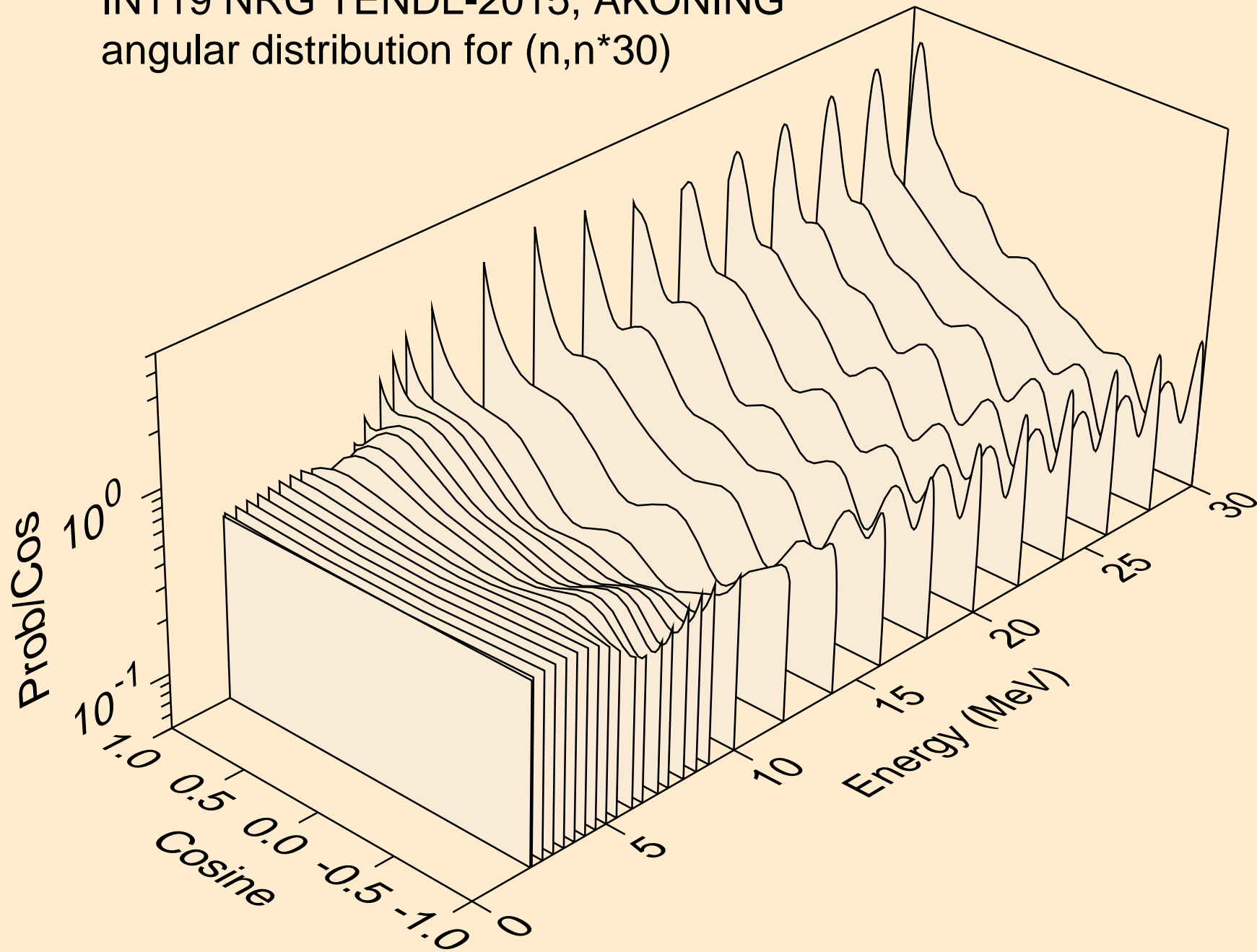
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



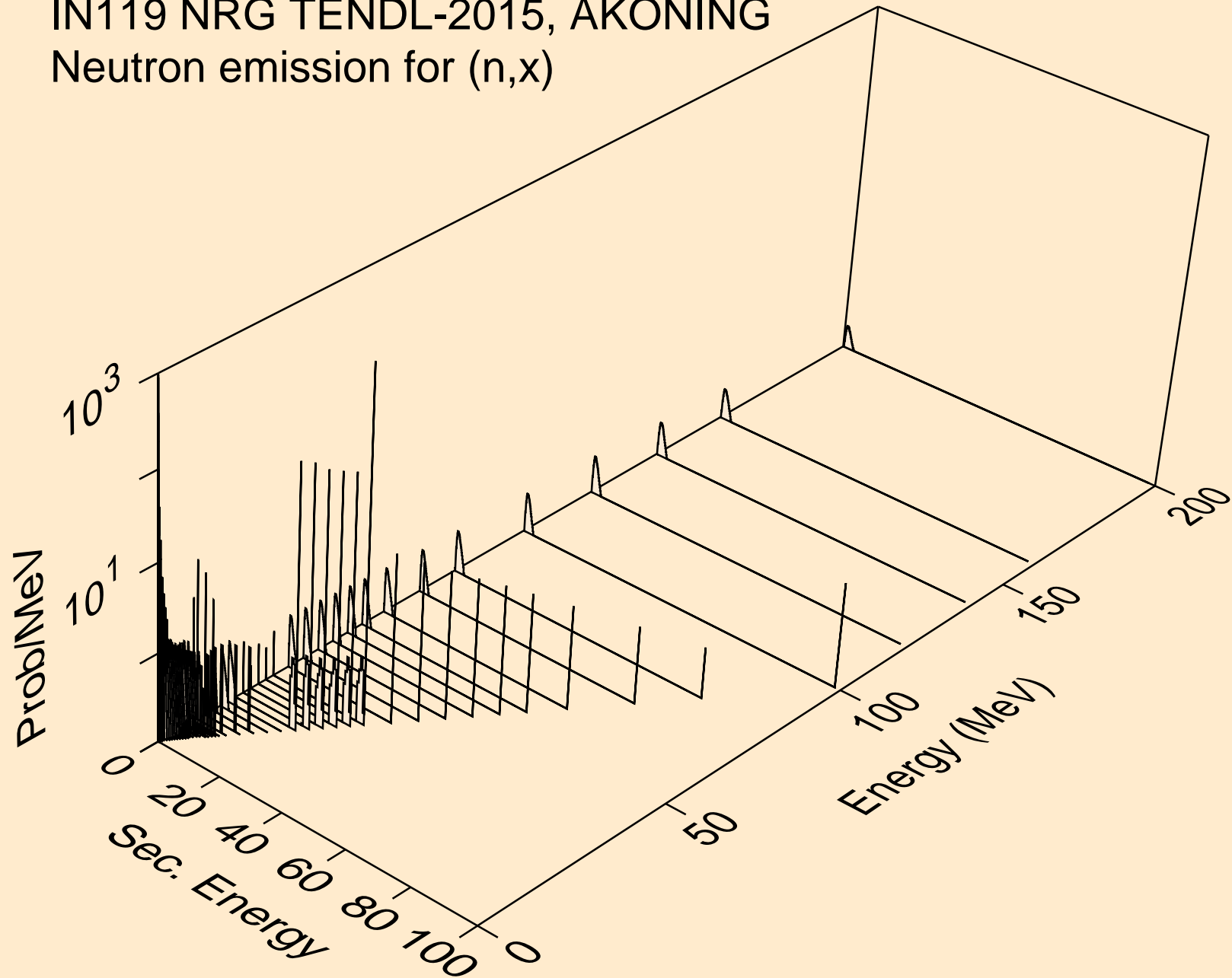
IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



IN119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

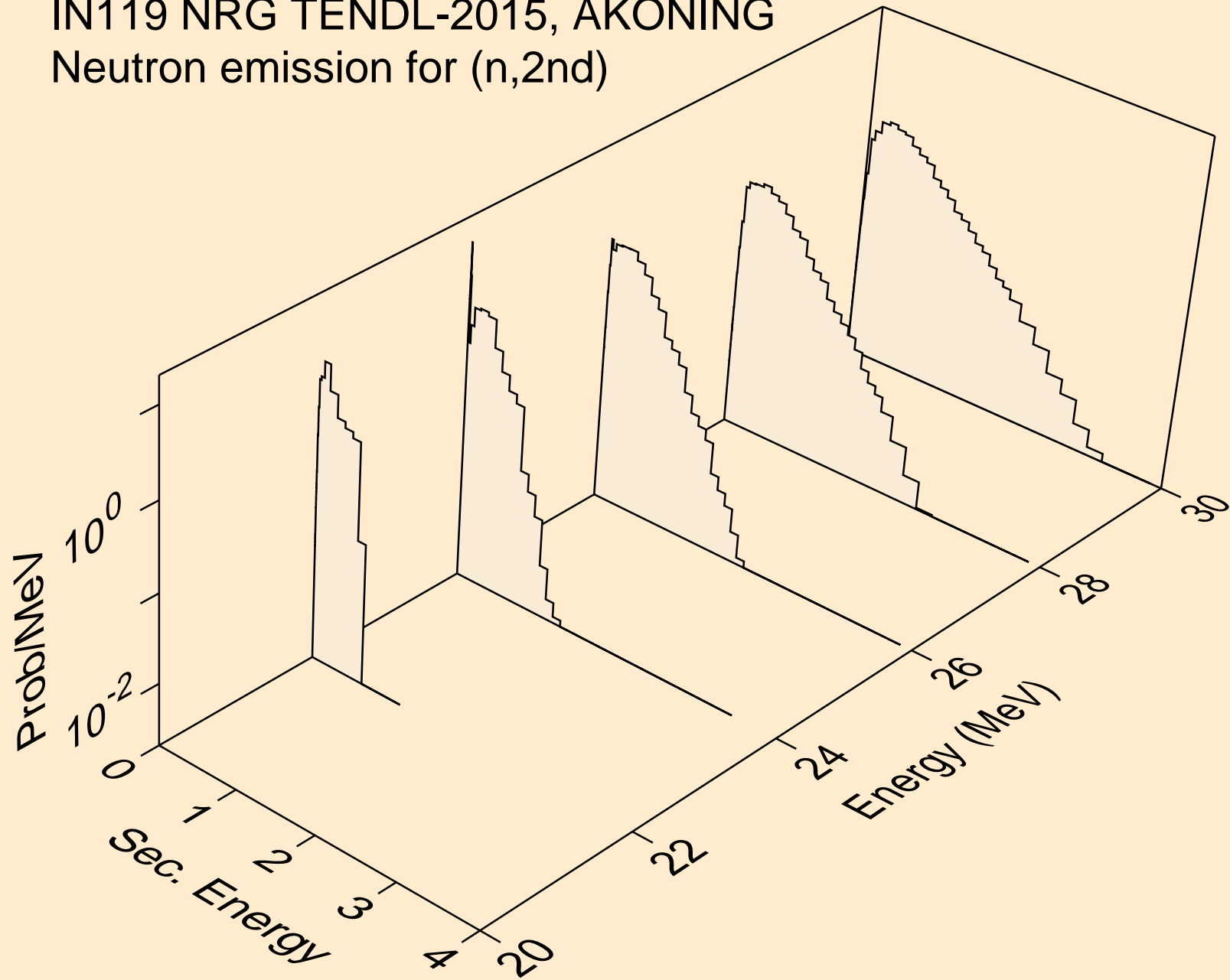


IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

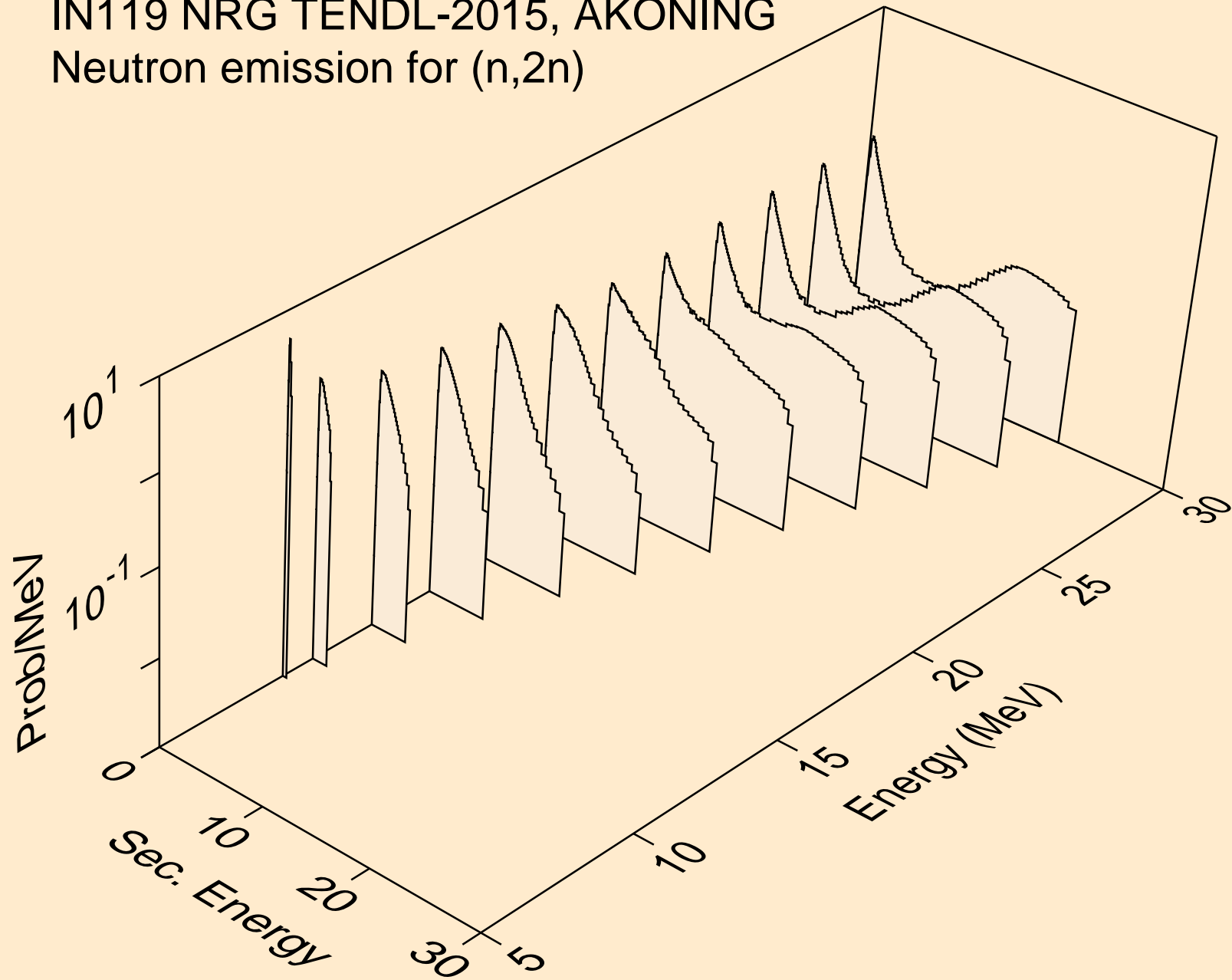




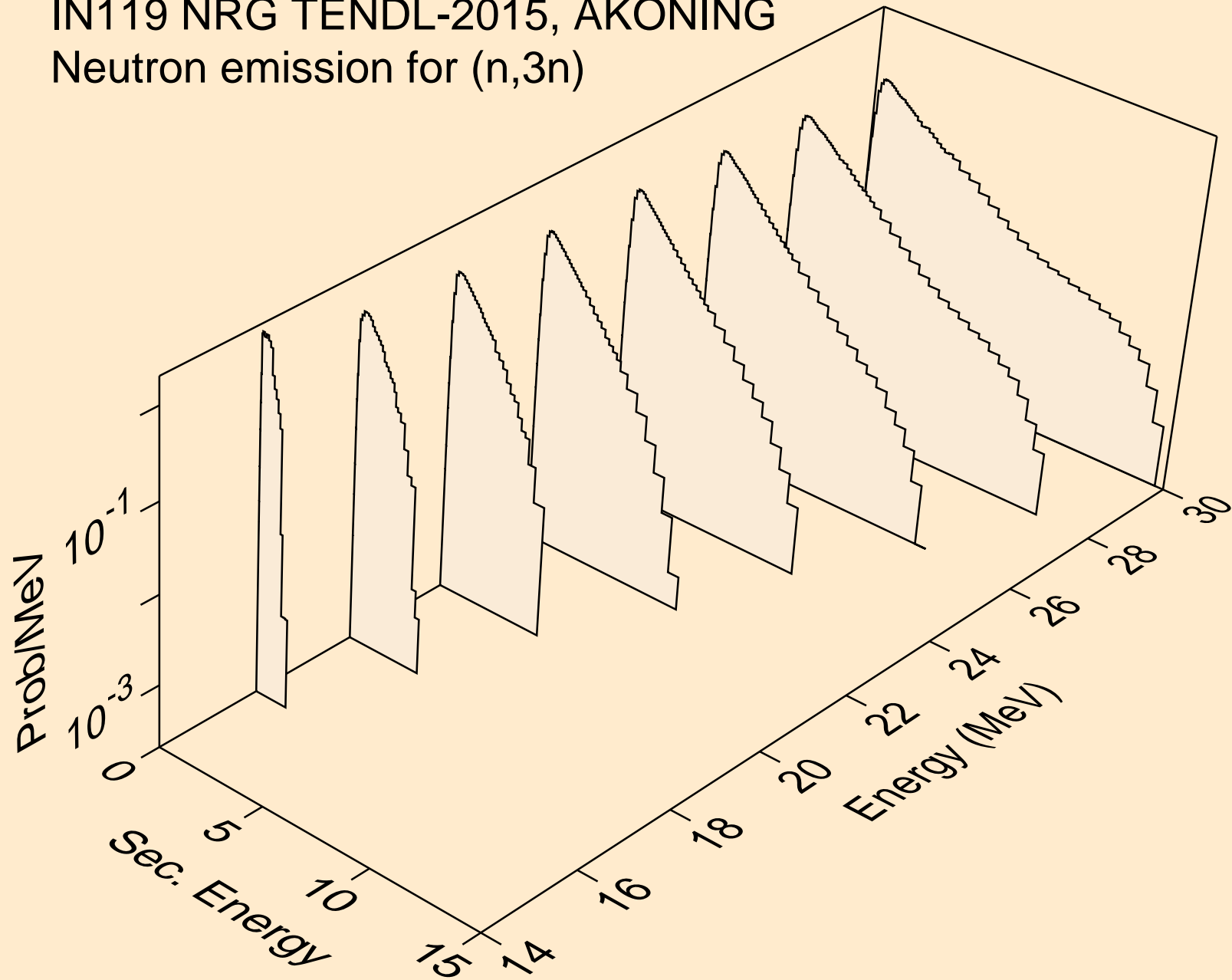
IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



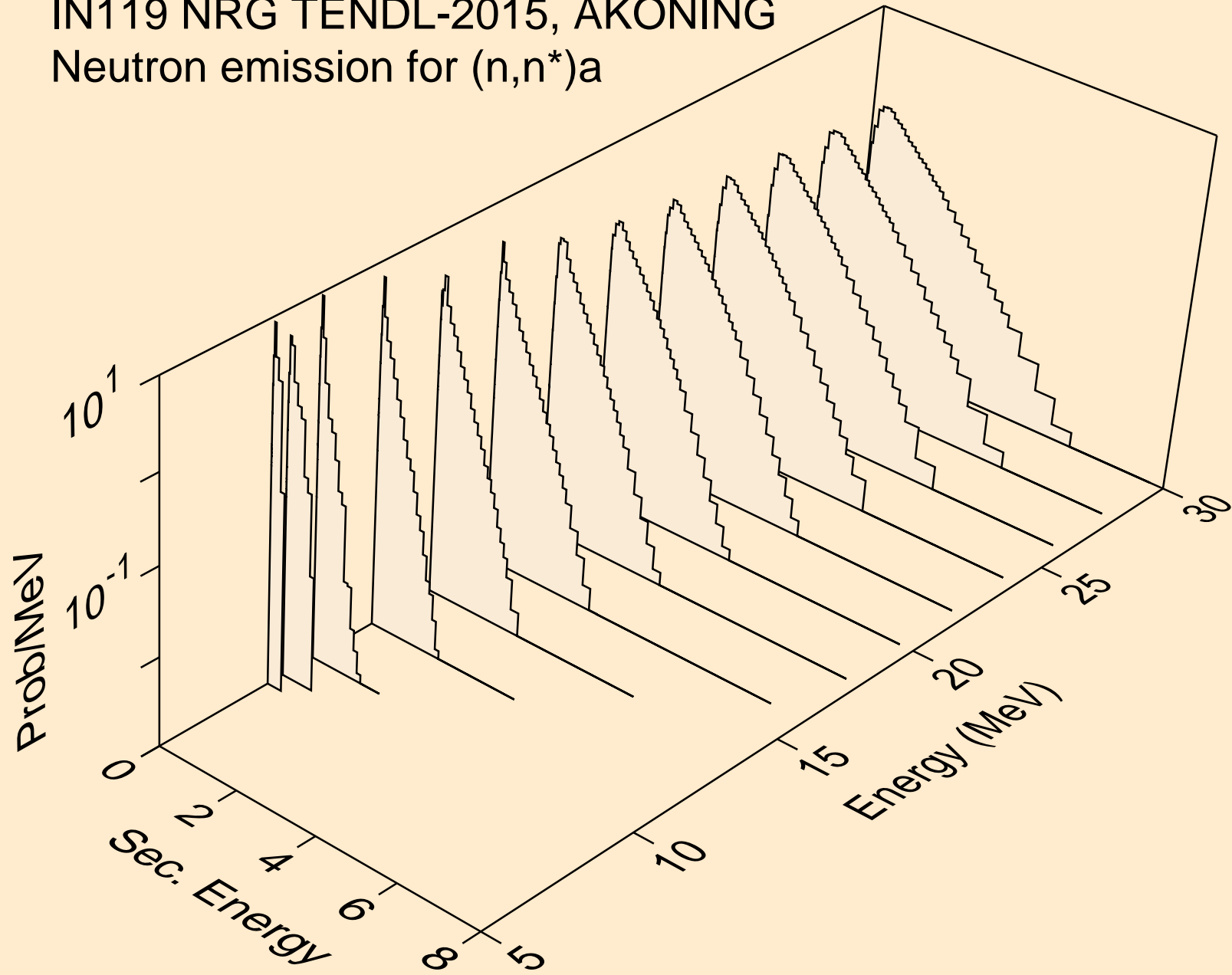
IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



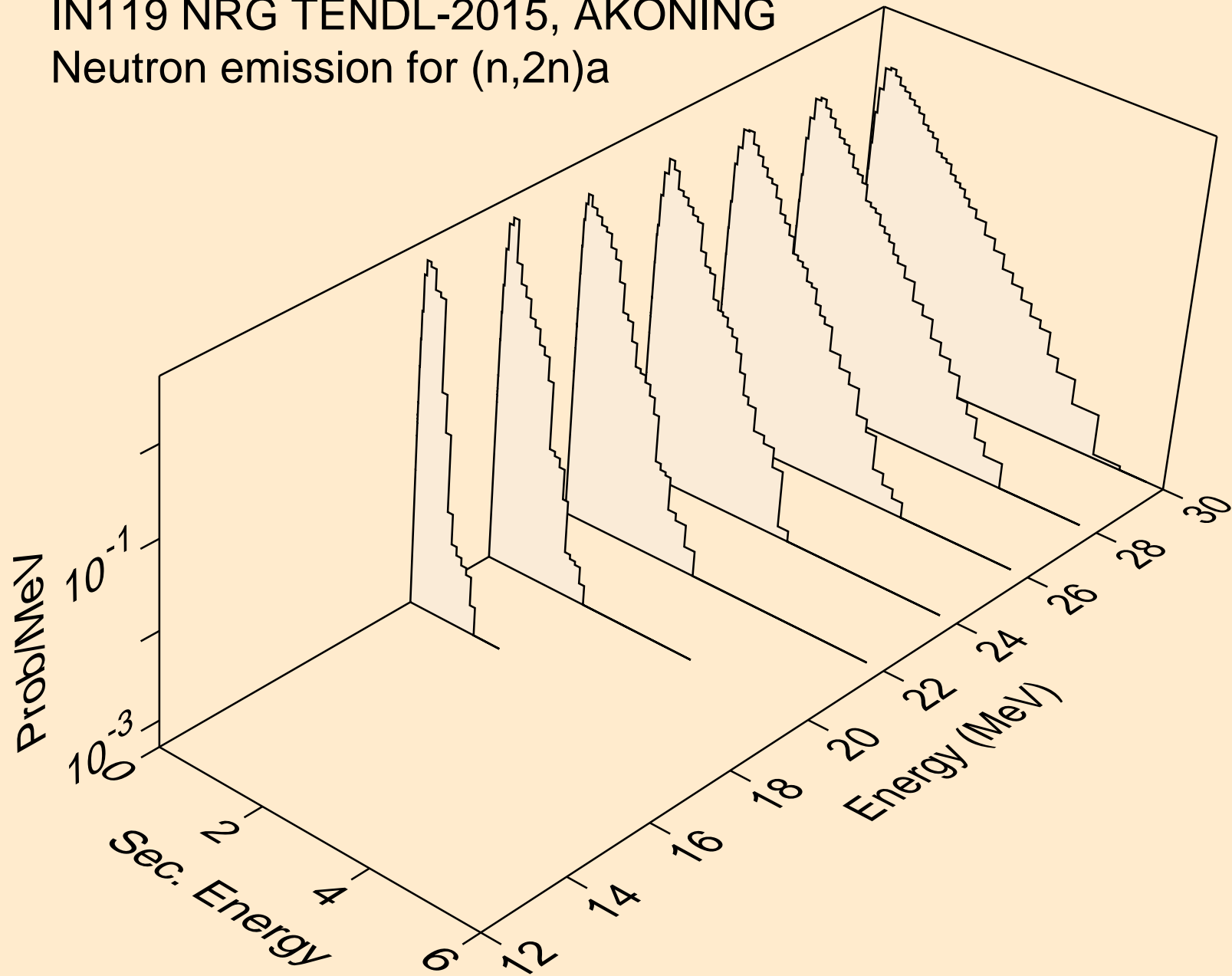
IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



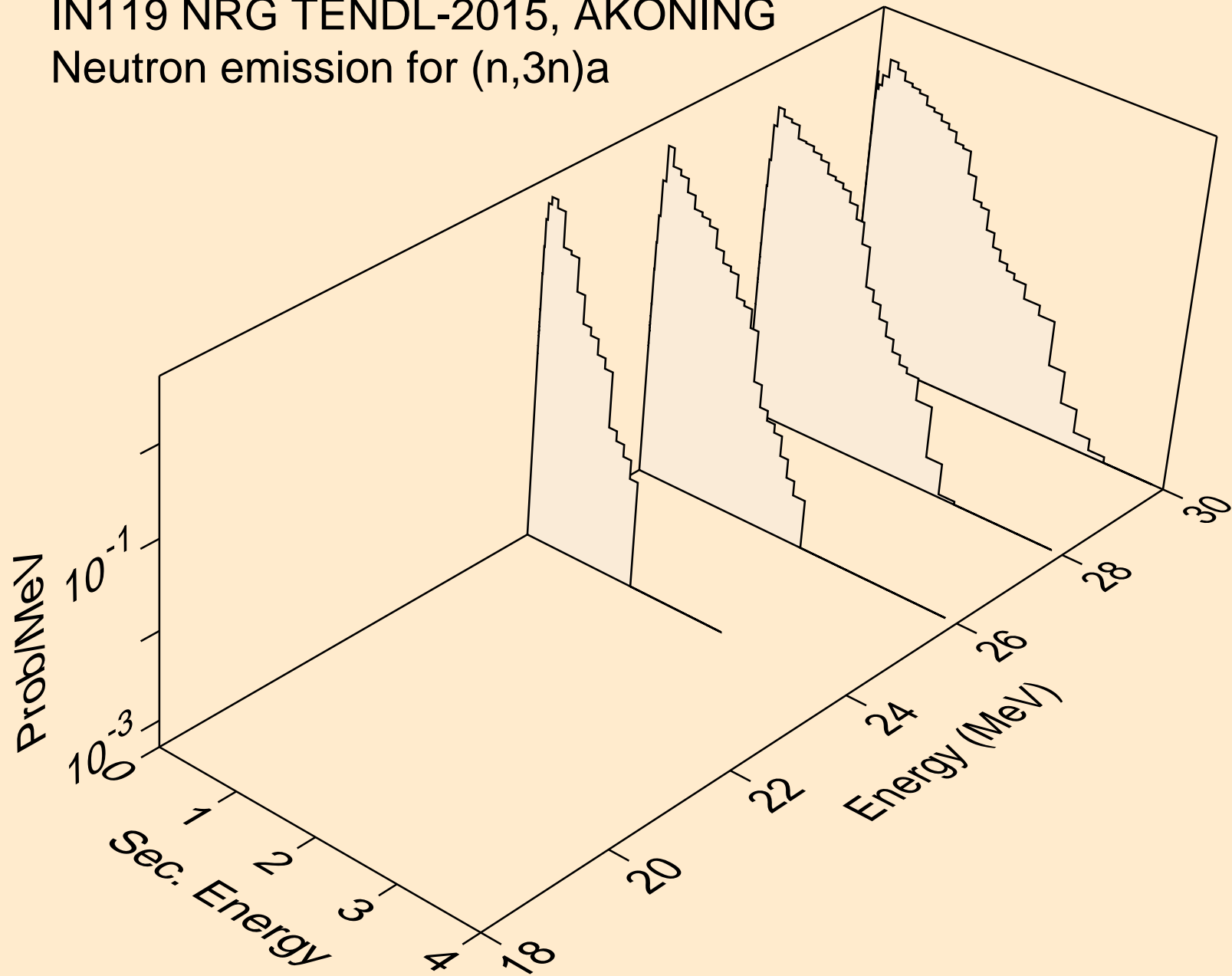
IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



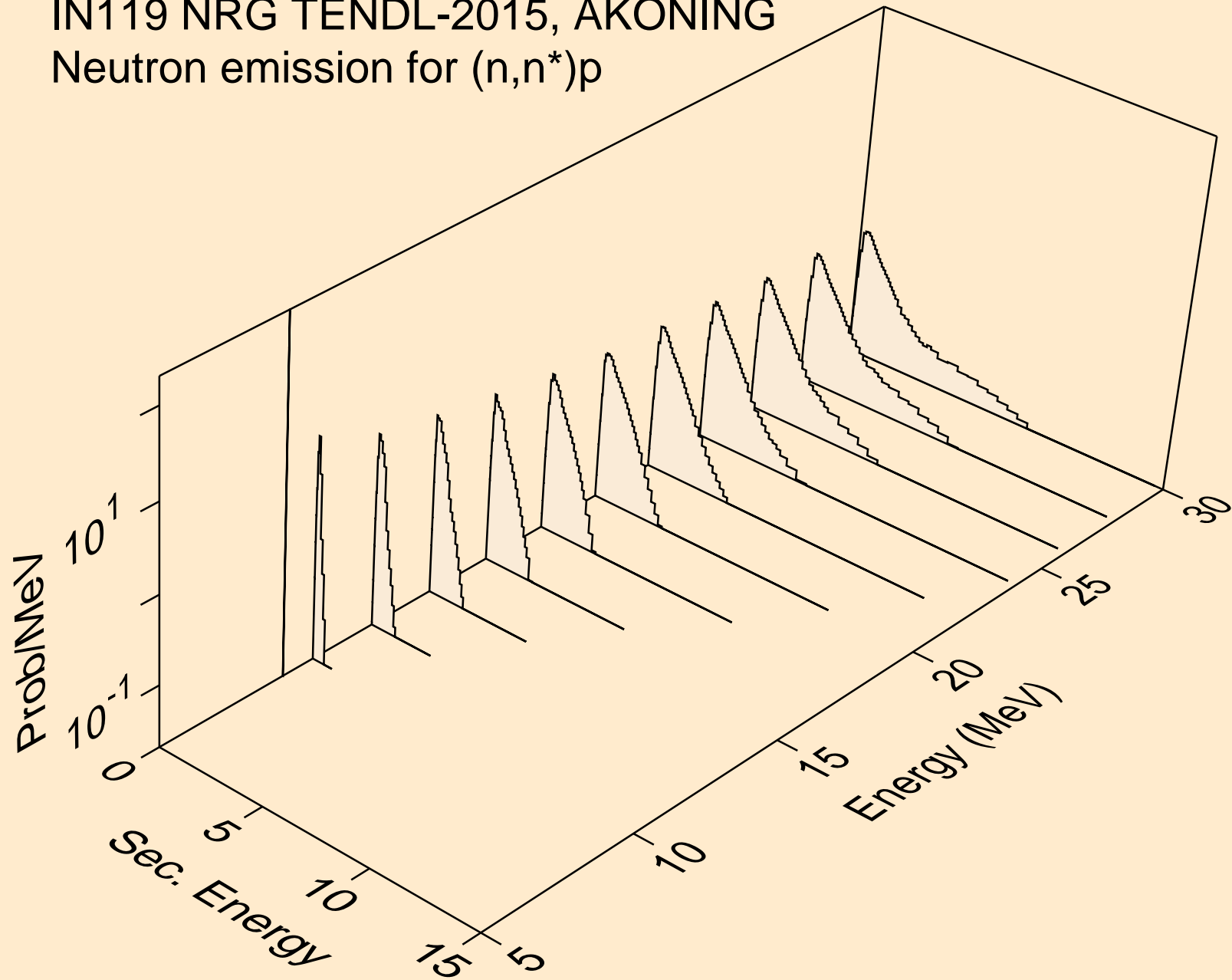
IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



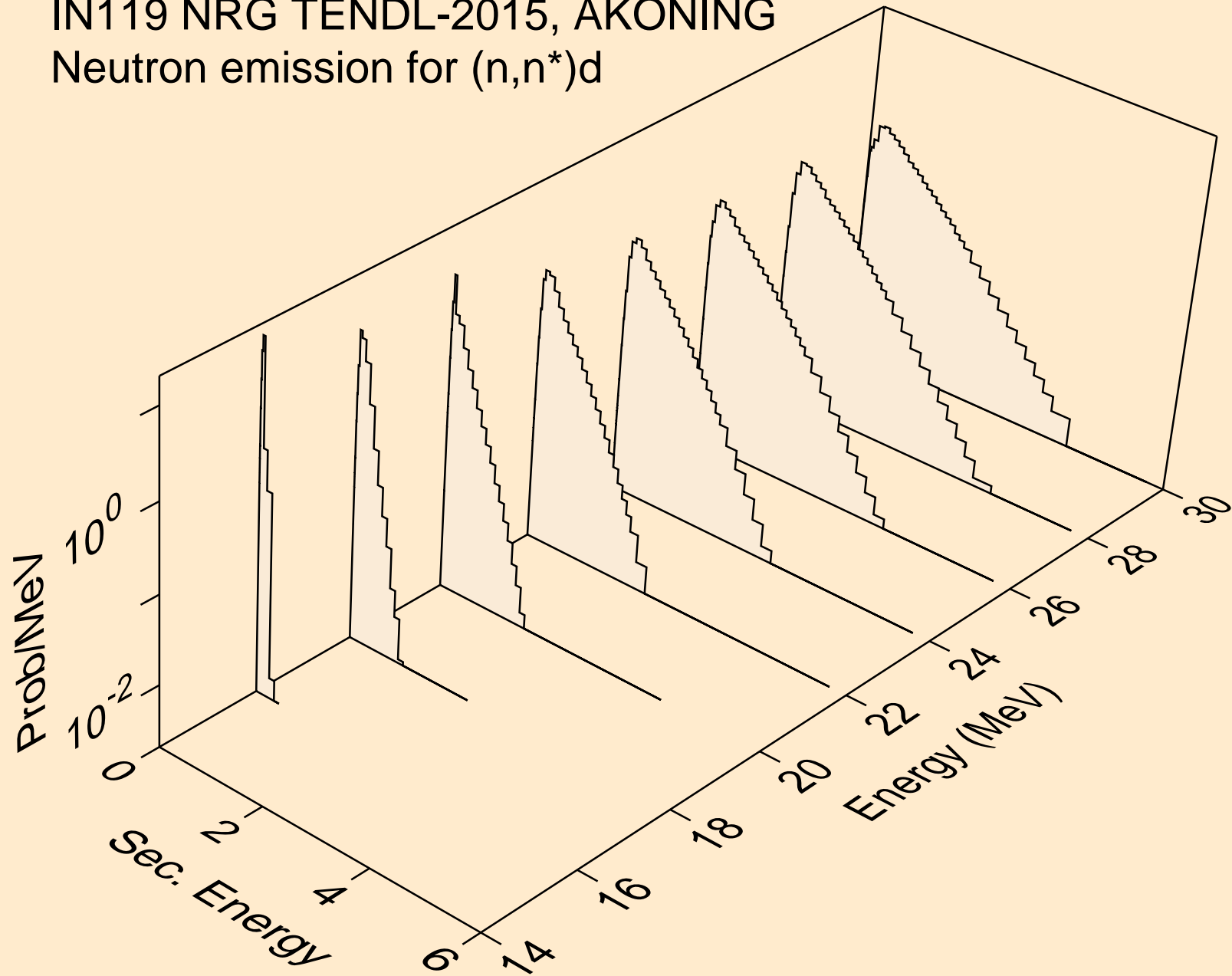
IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

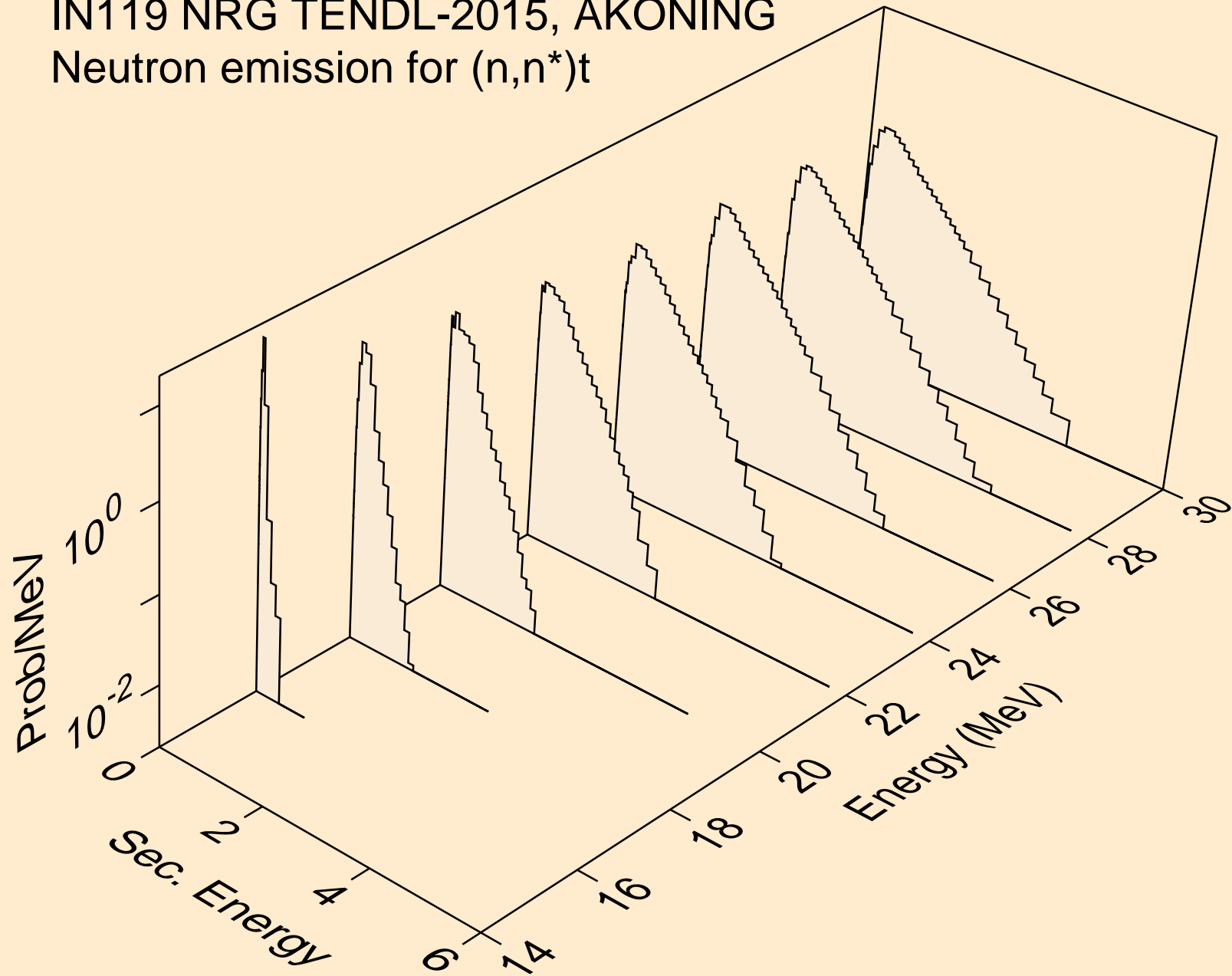


IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

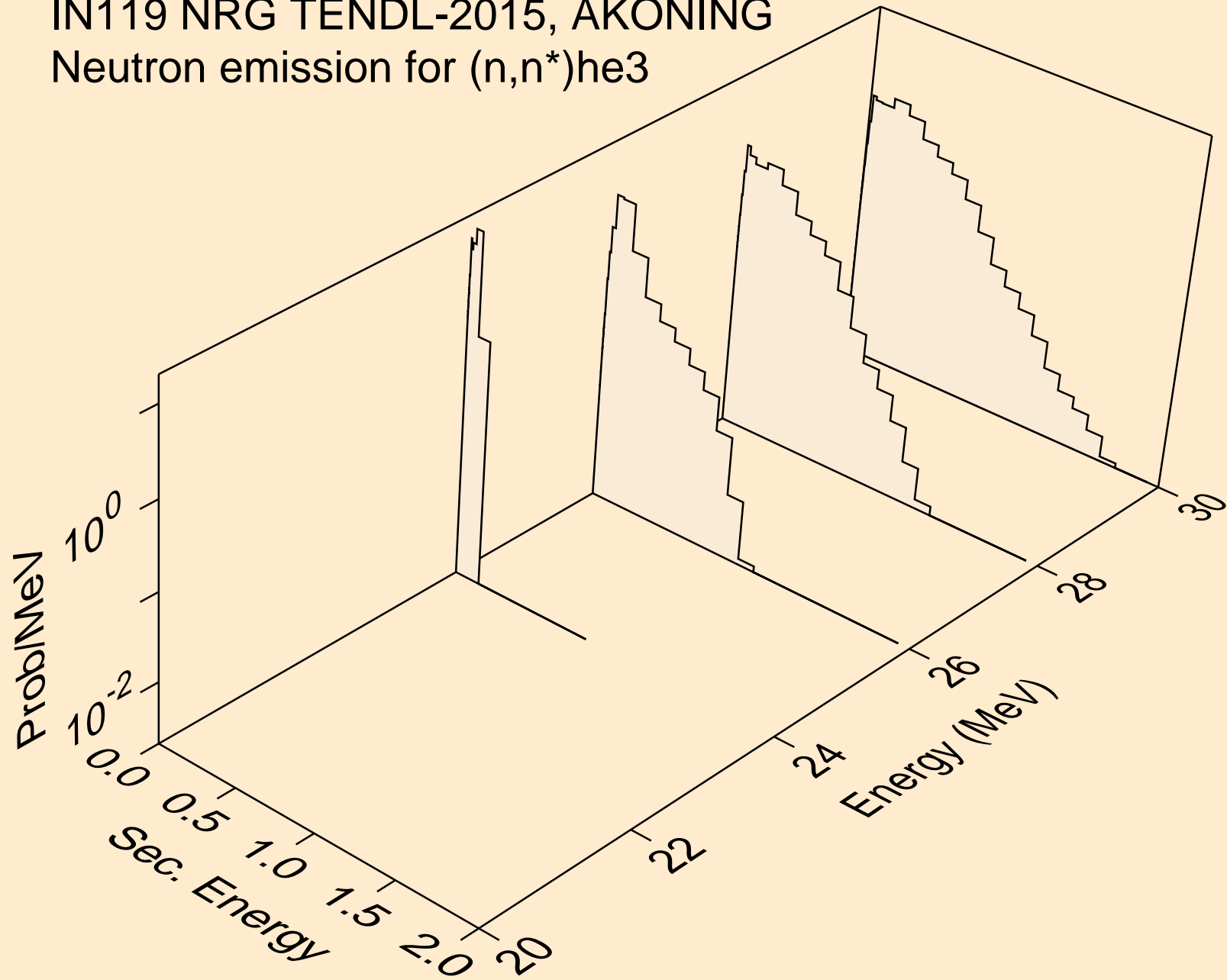




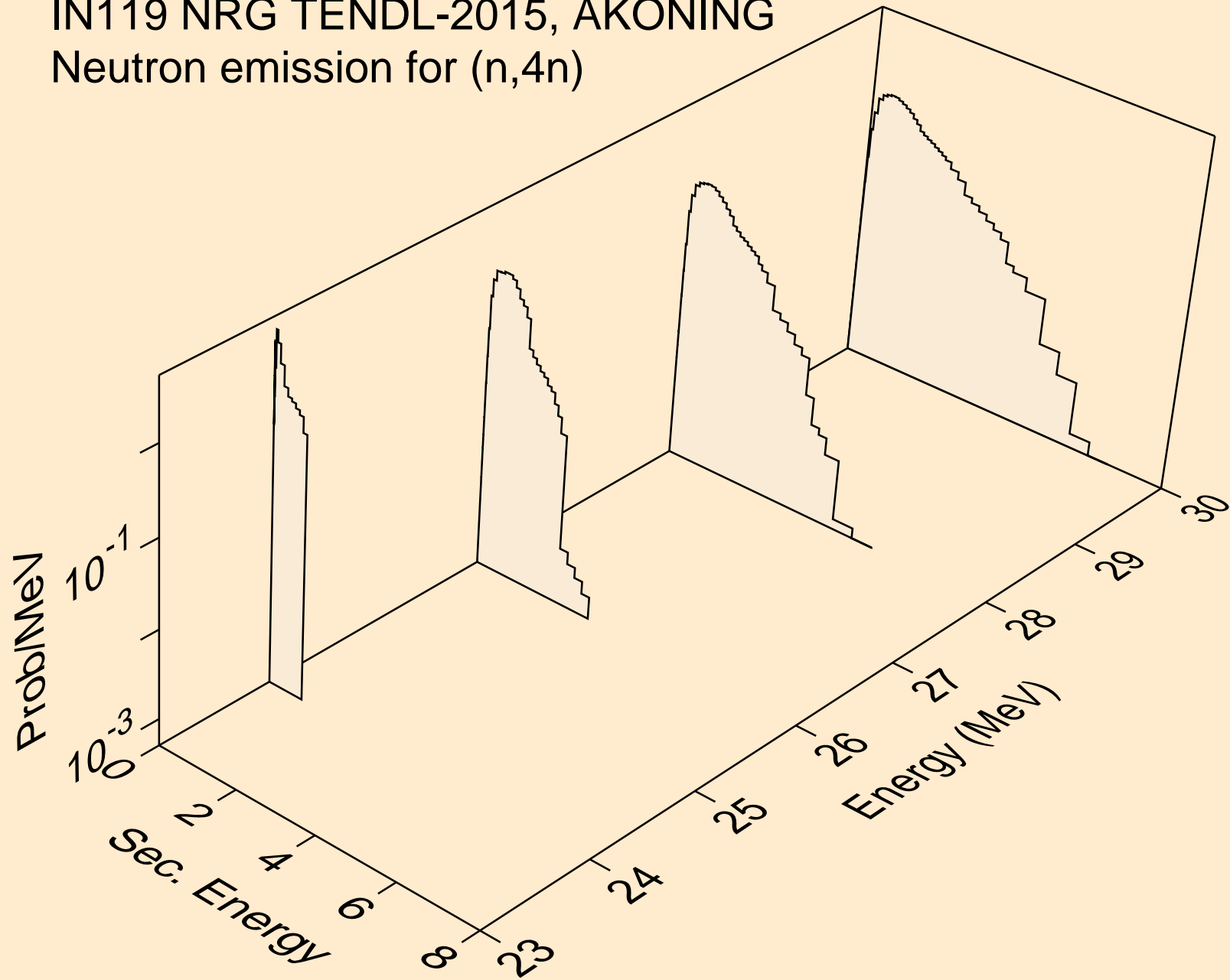
IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



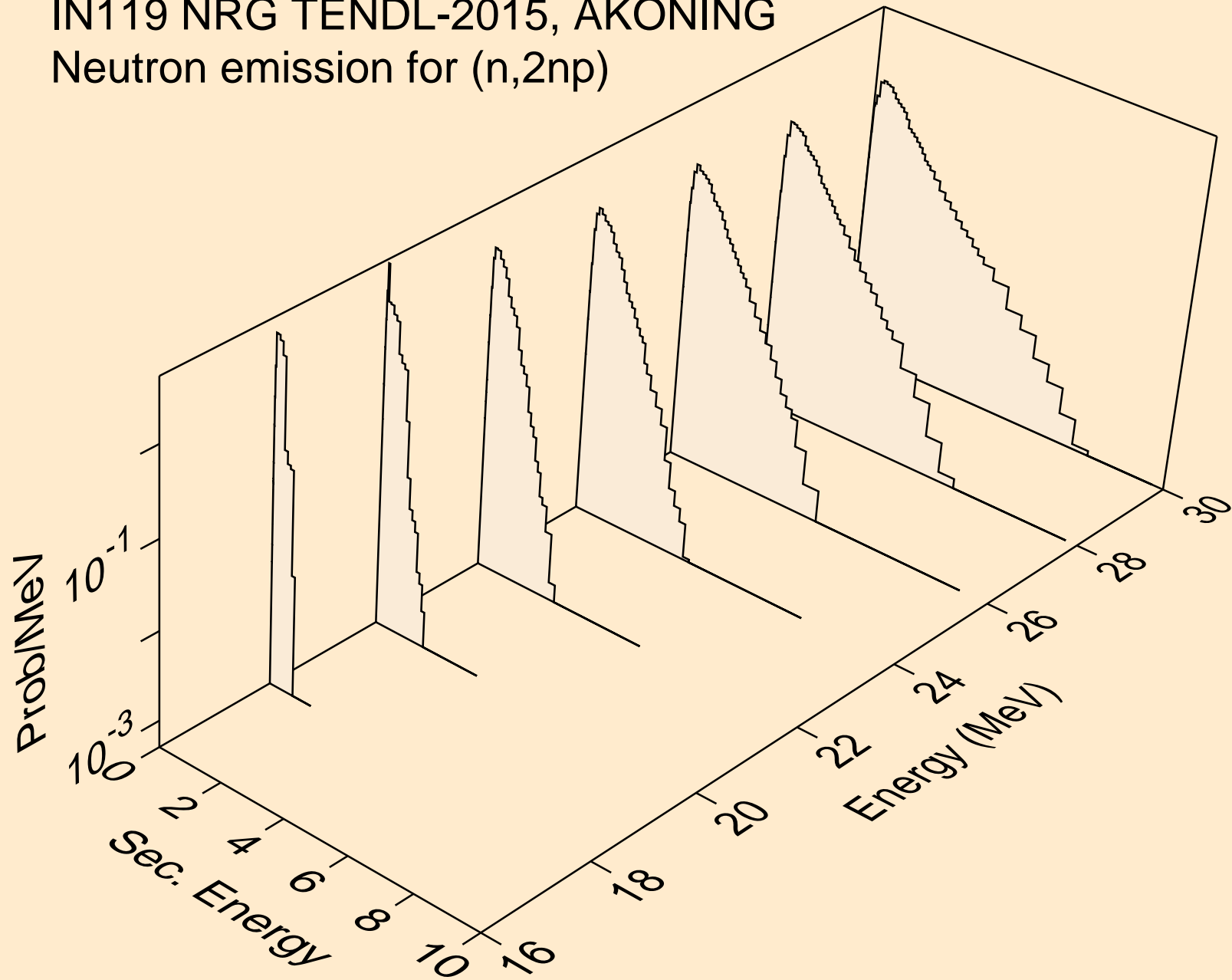
IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



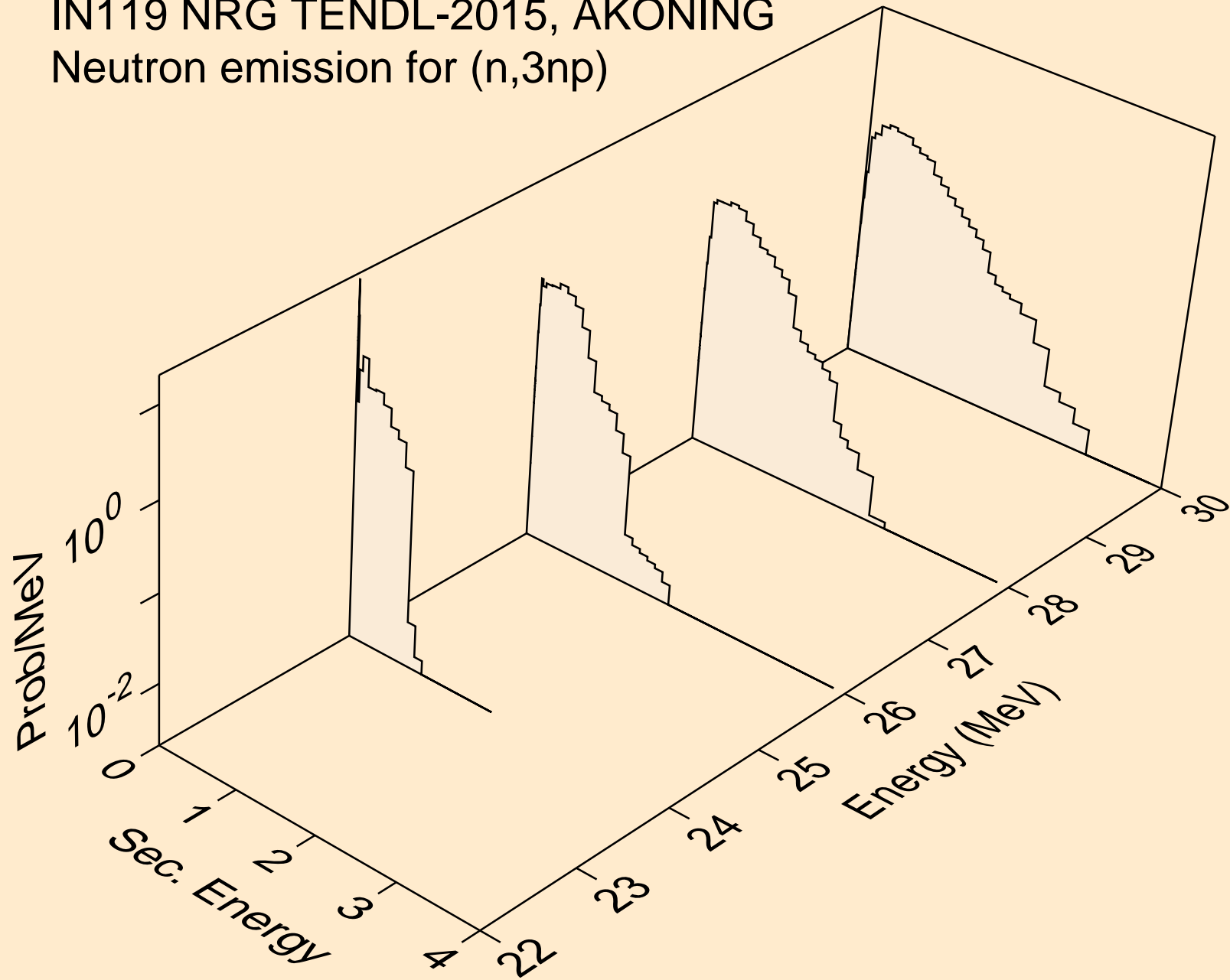
IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



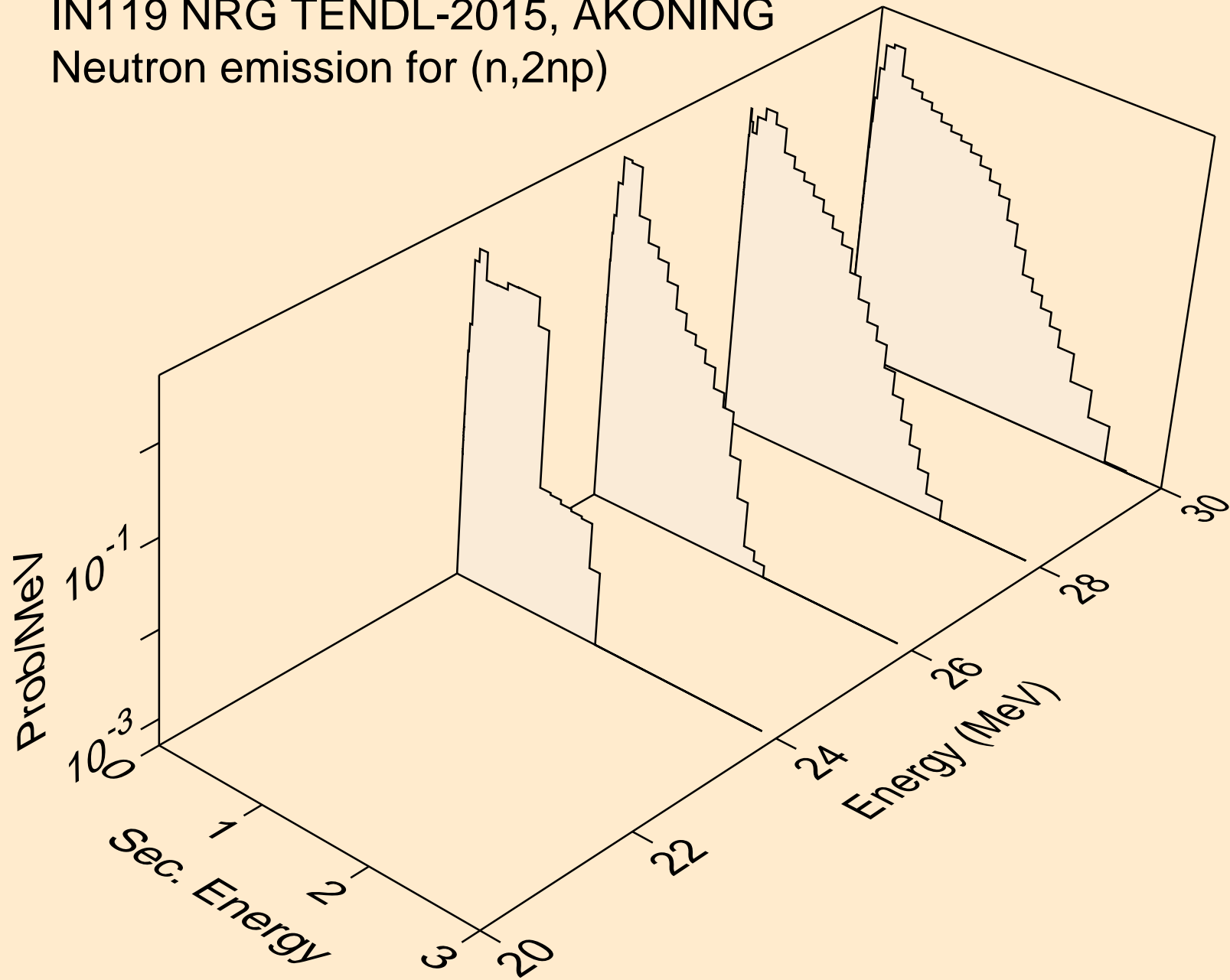
IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



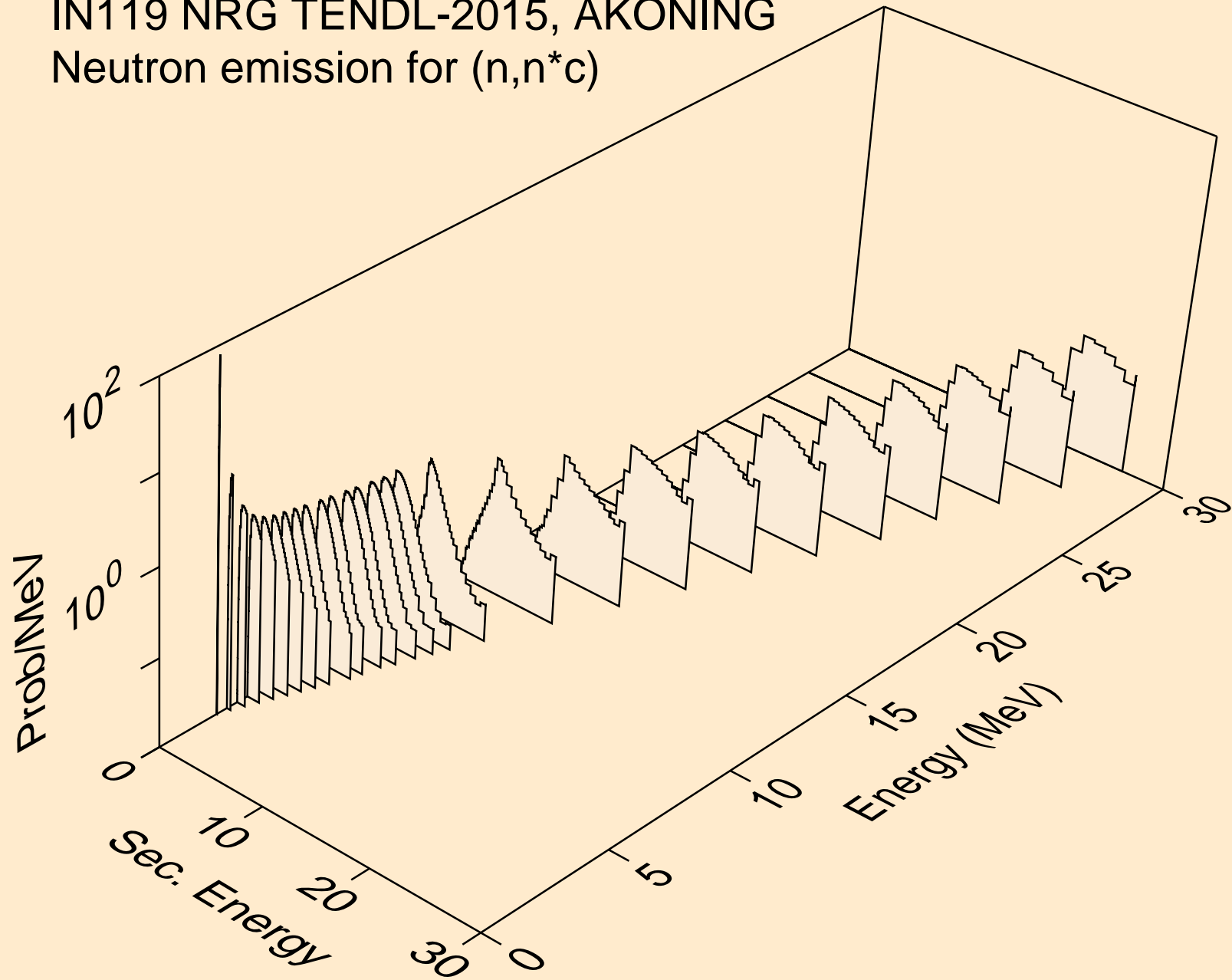
IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



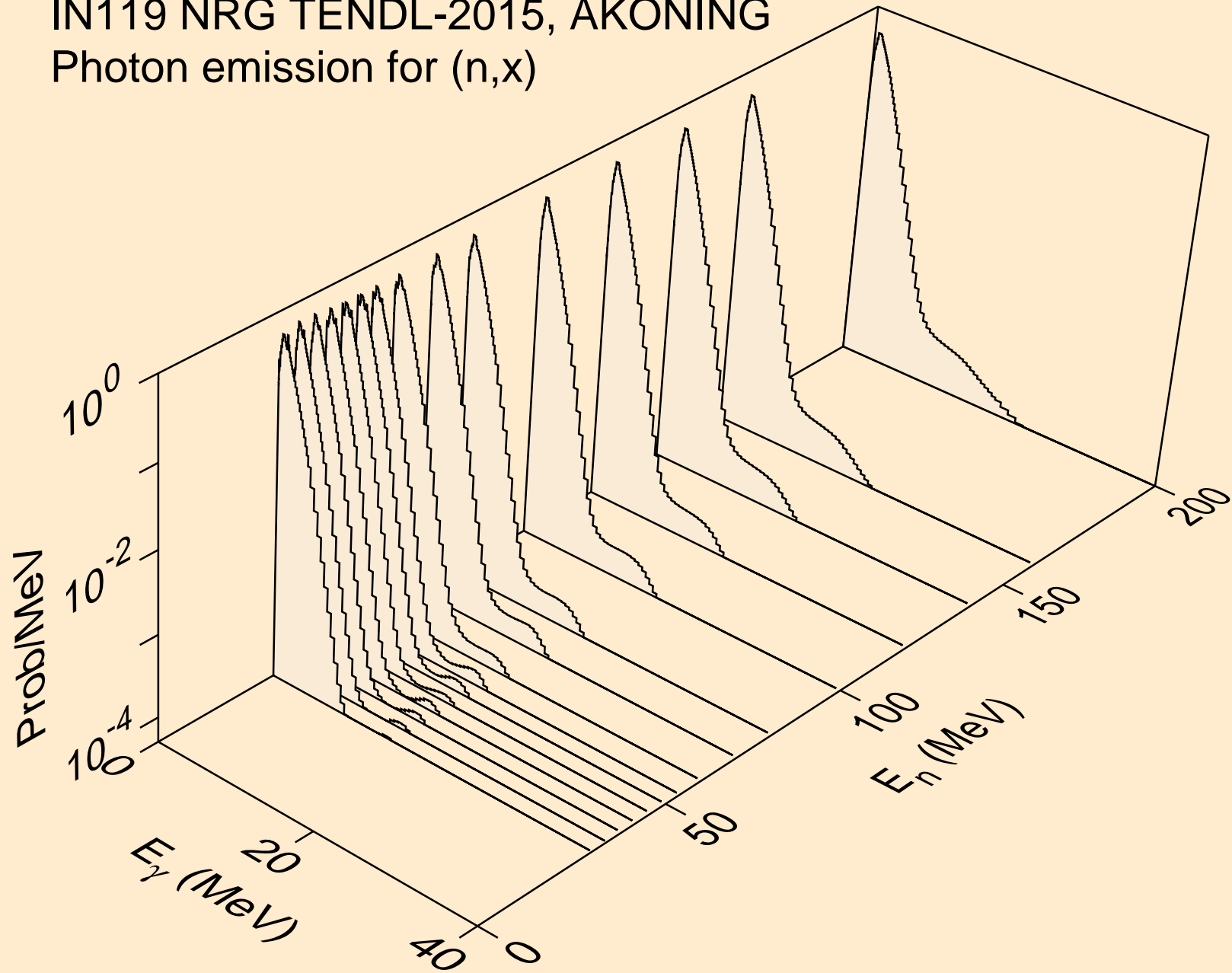
IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



IN119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

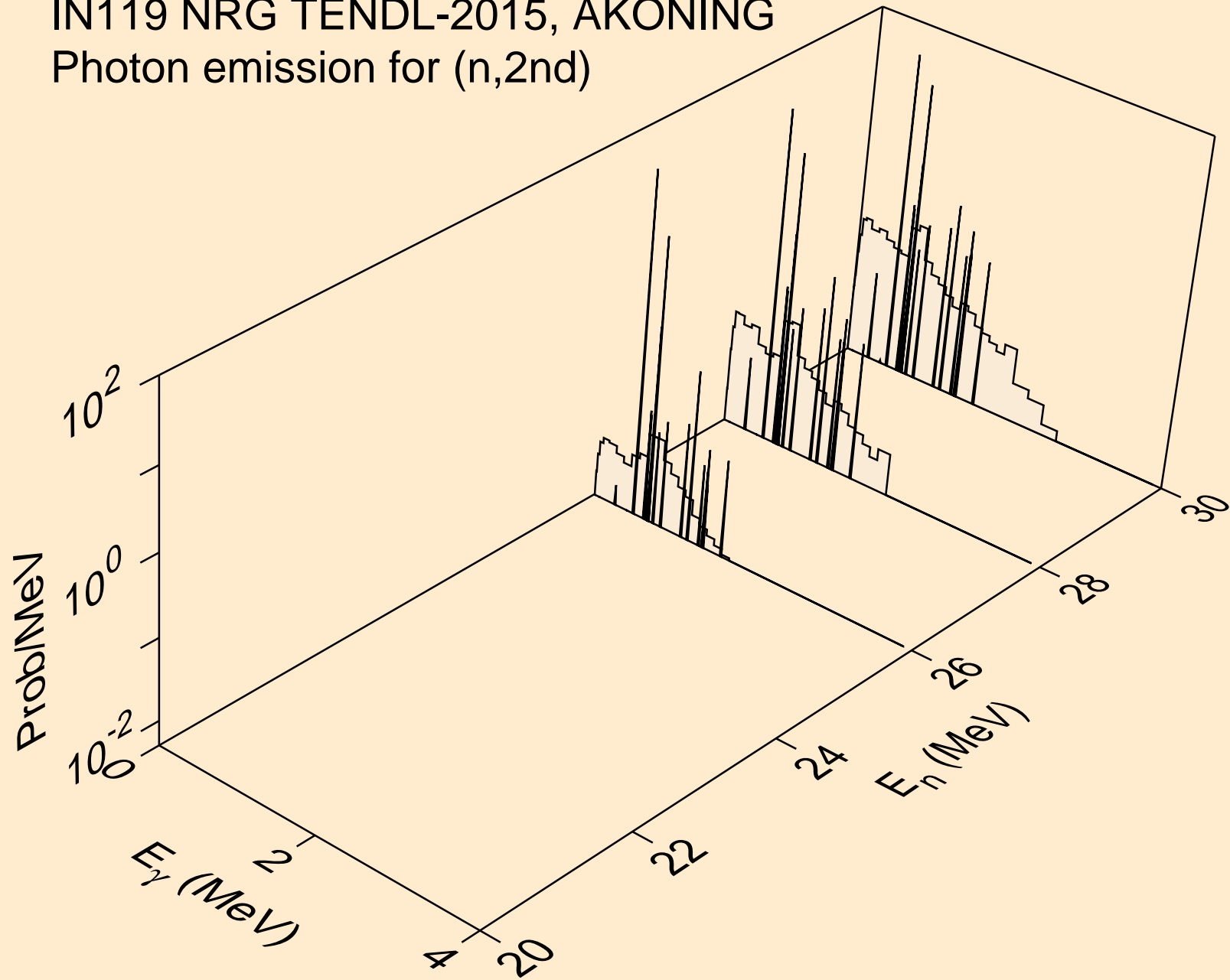


IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

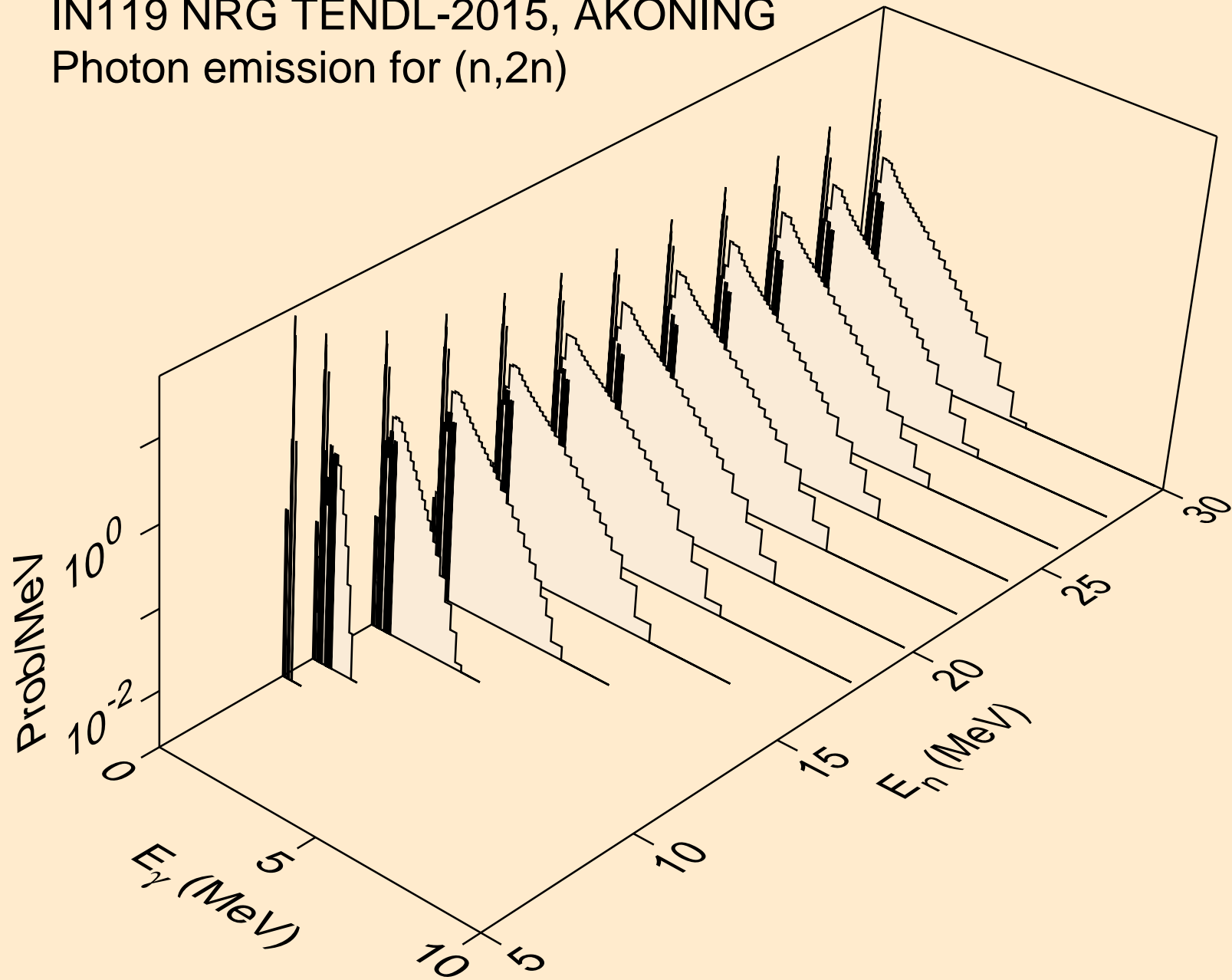




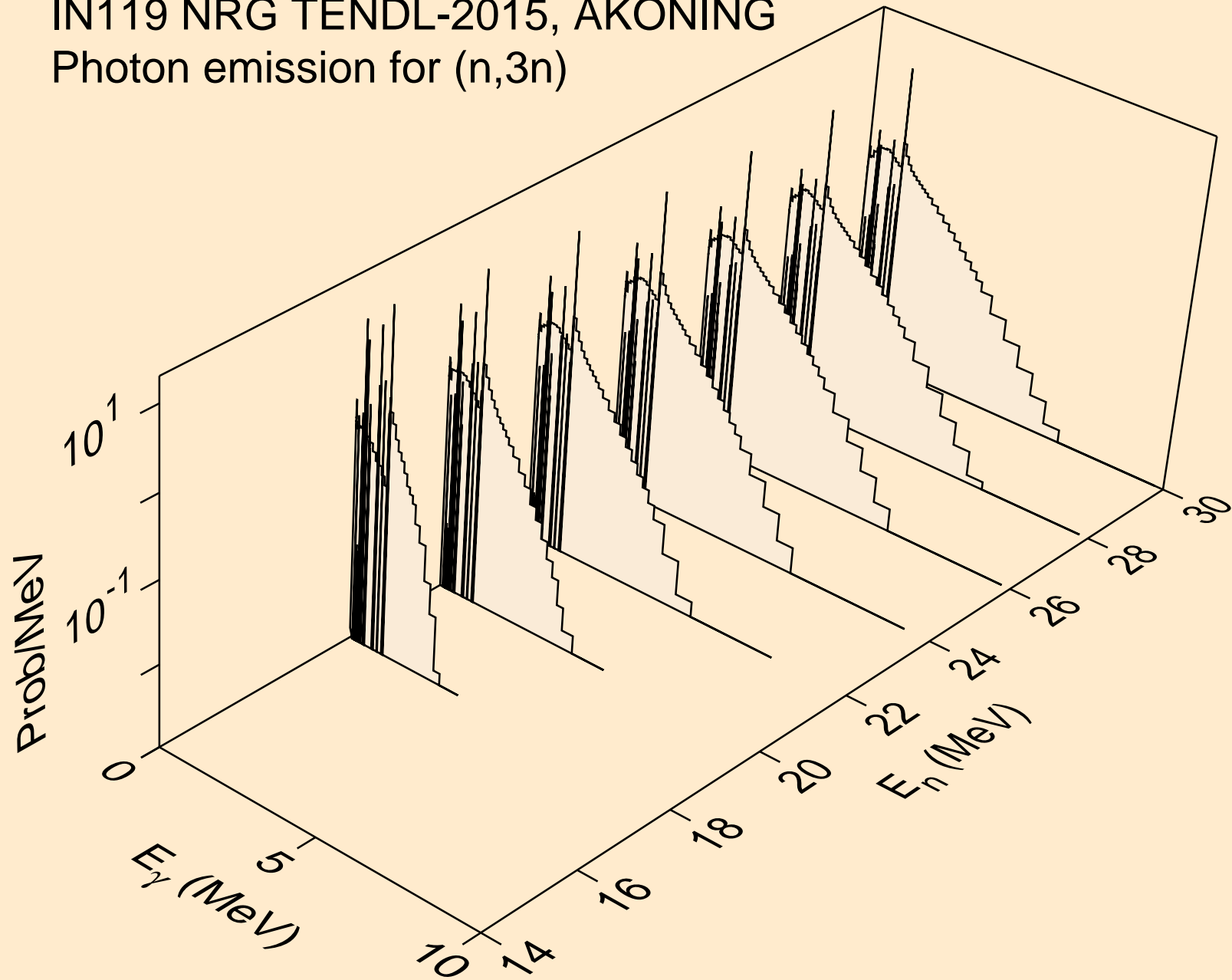
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



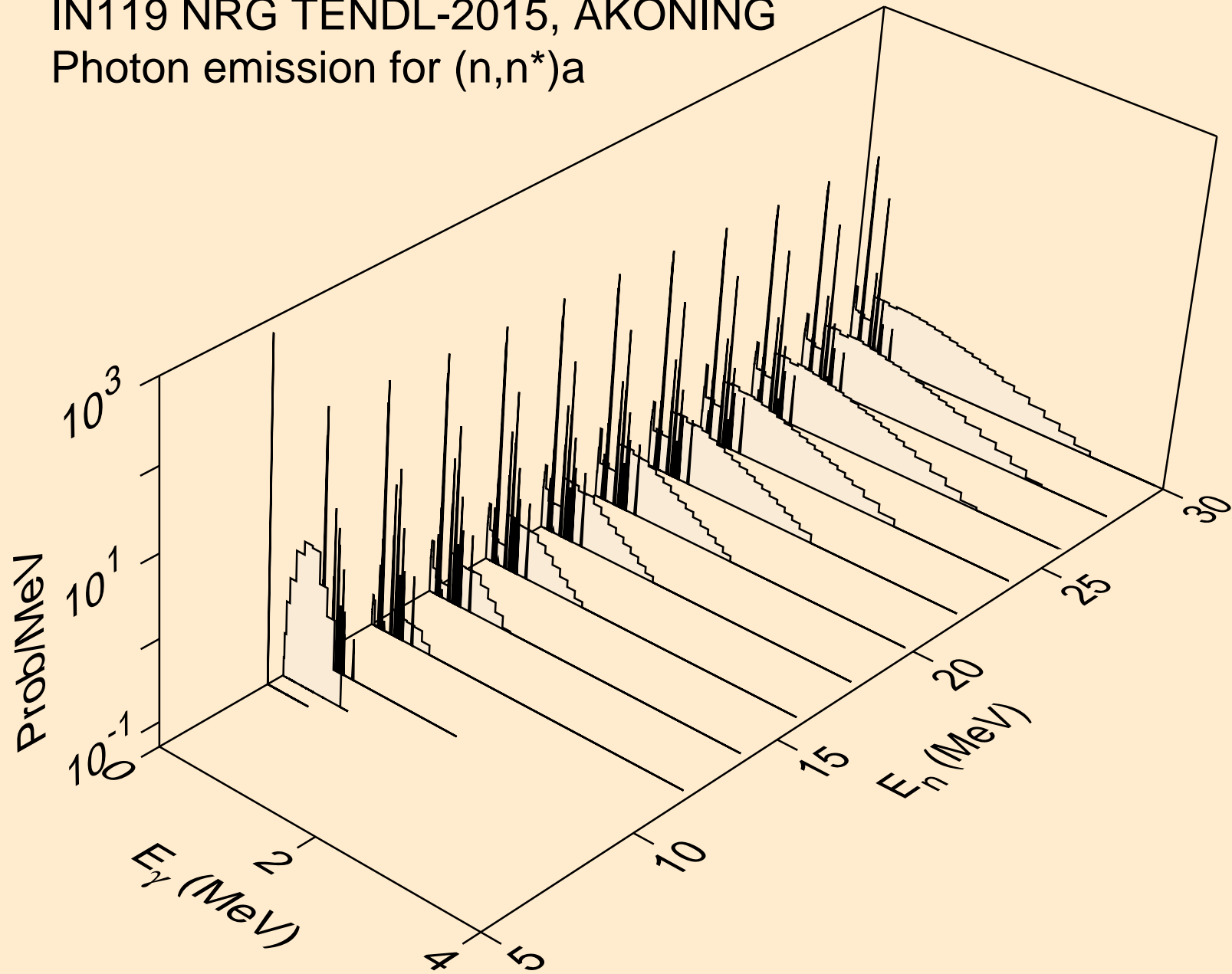
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



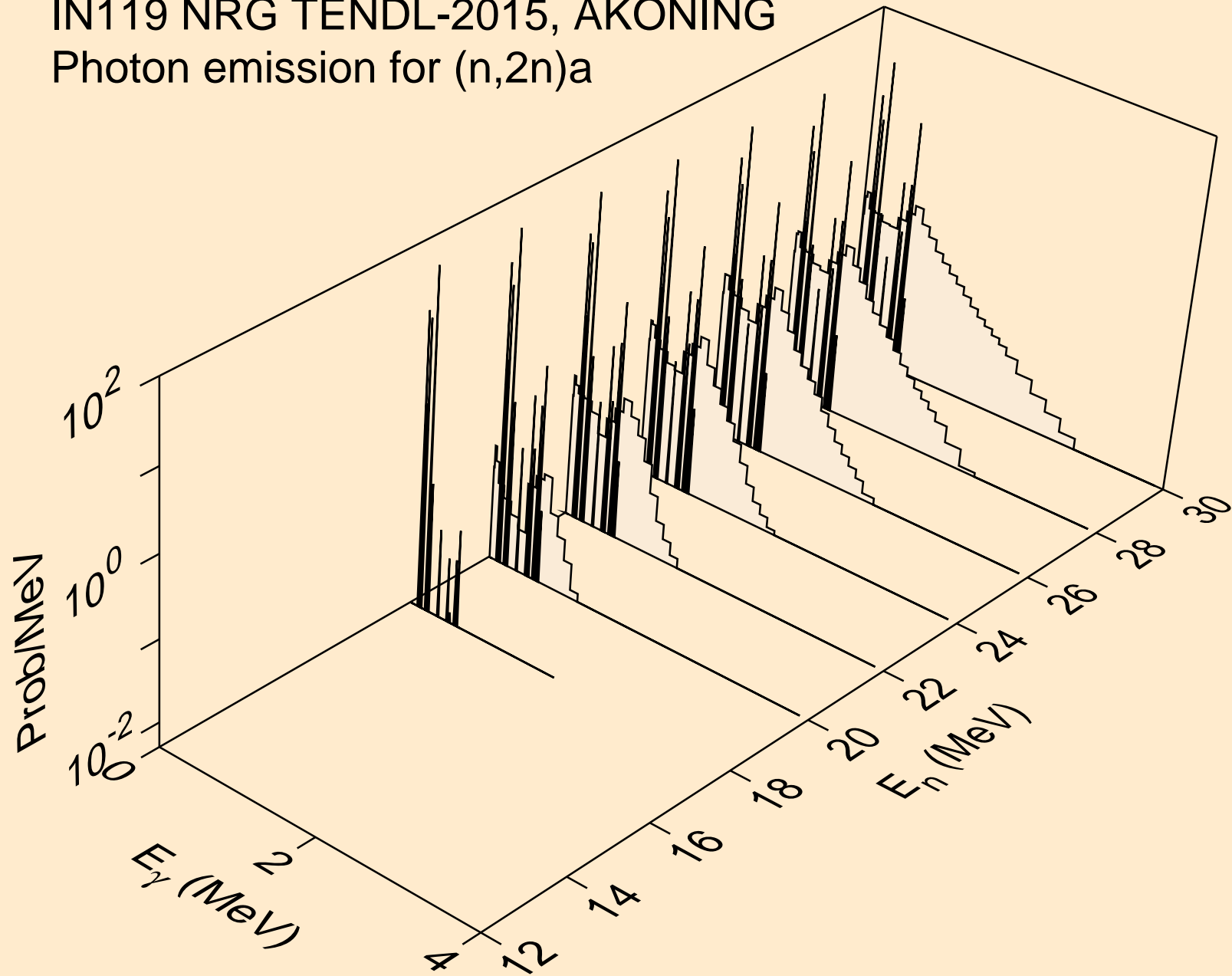
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



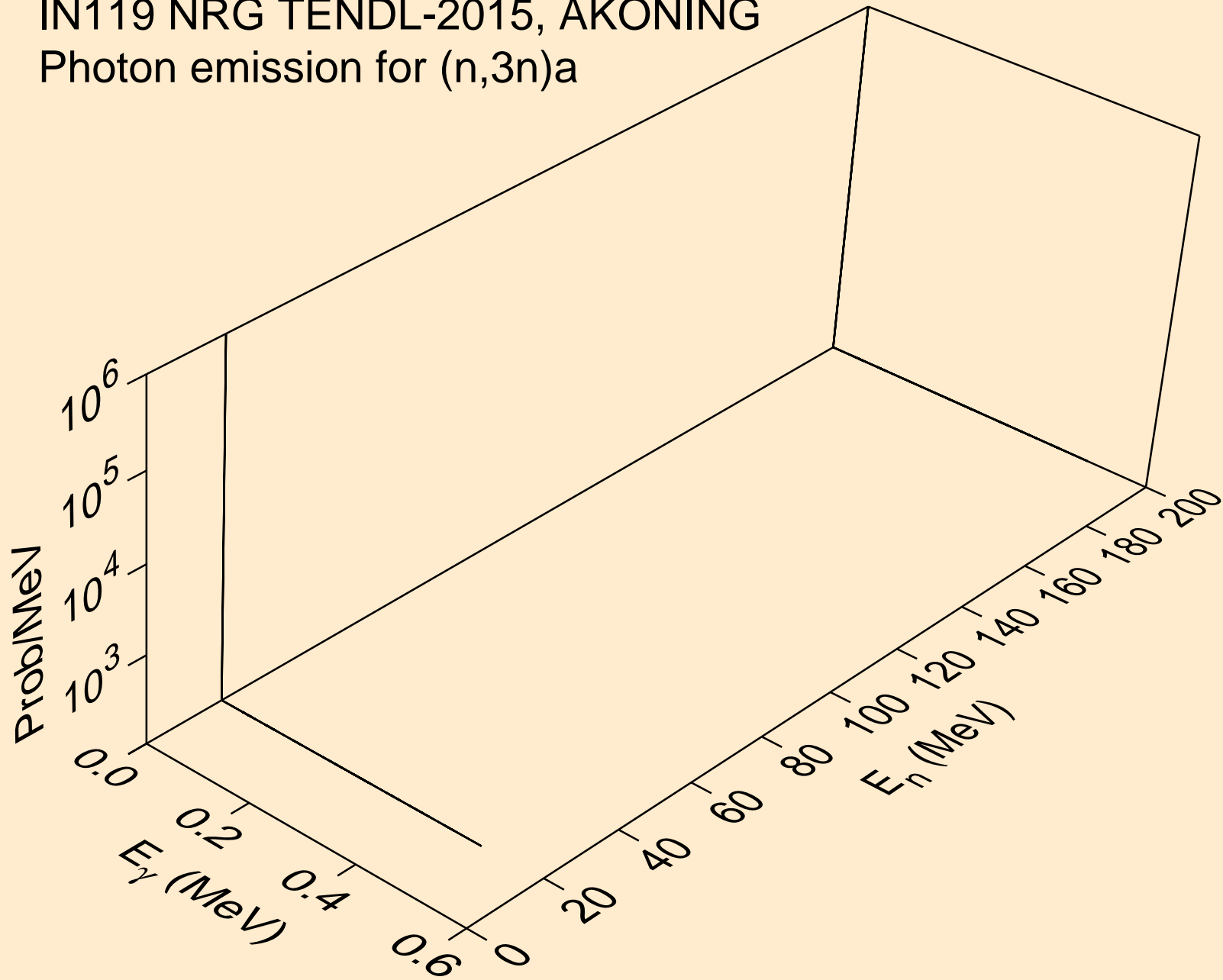
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



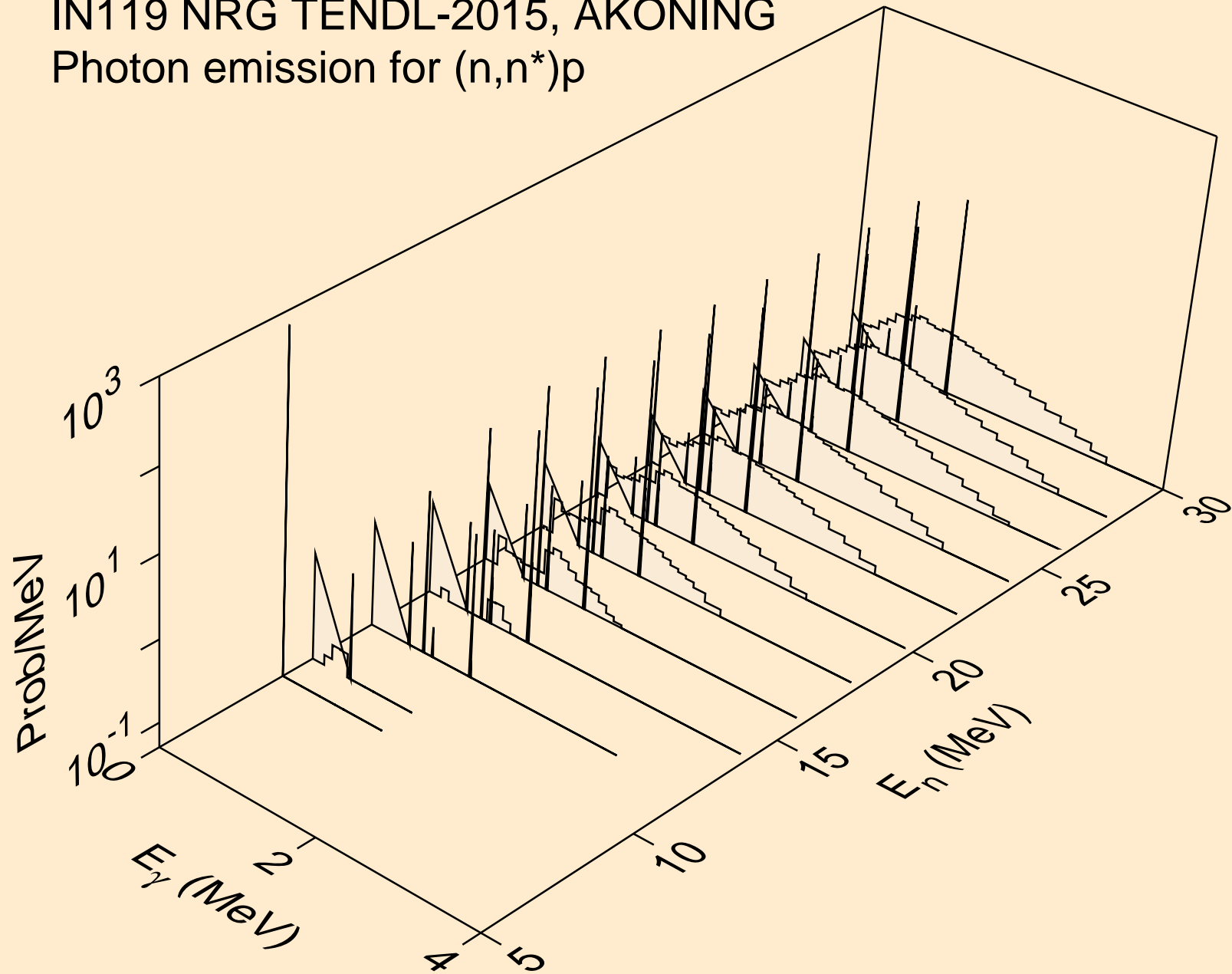
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



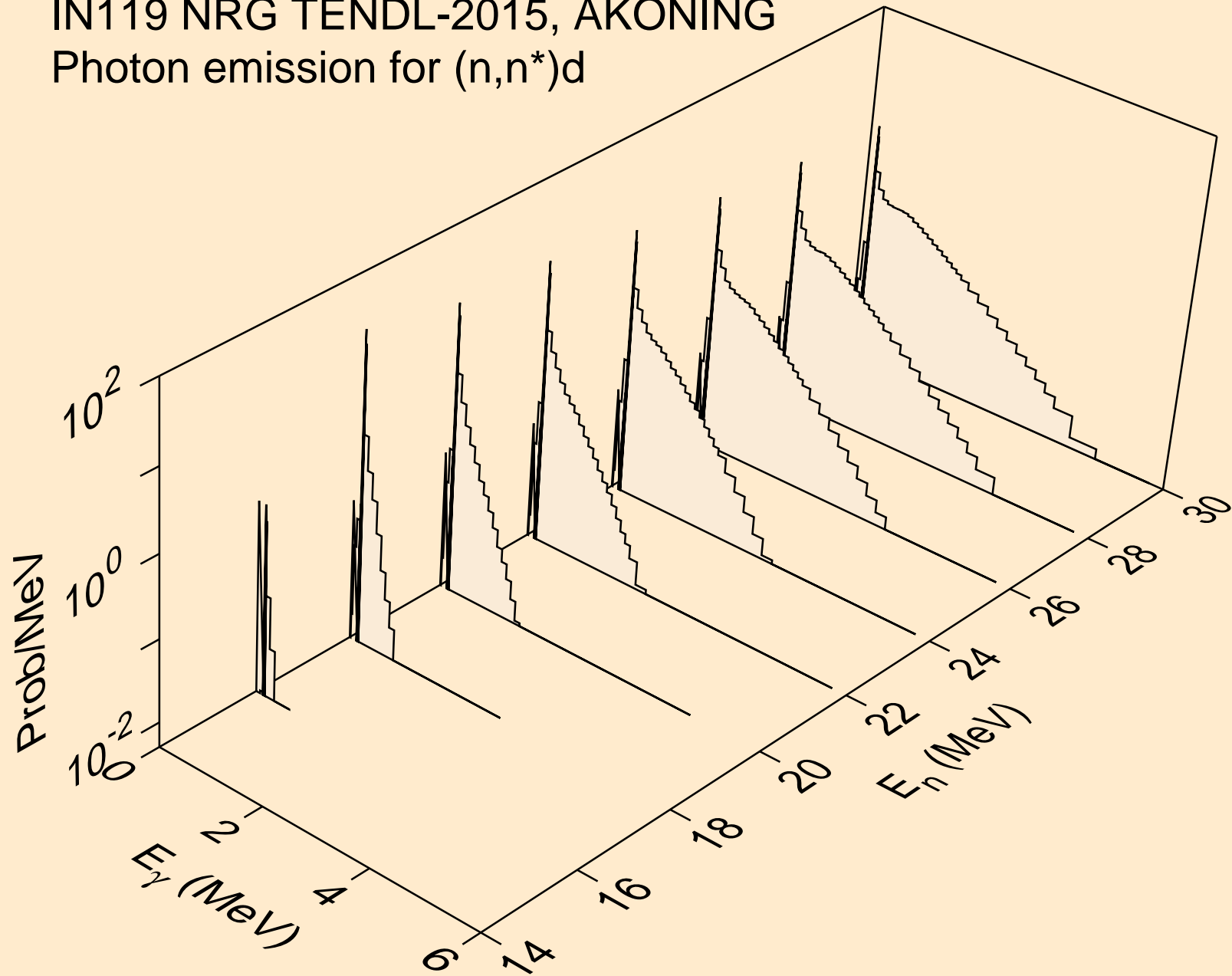
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

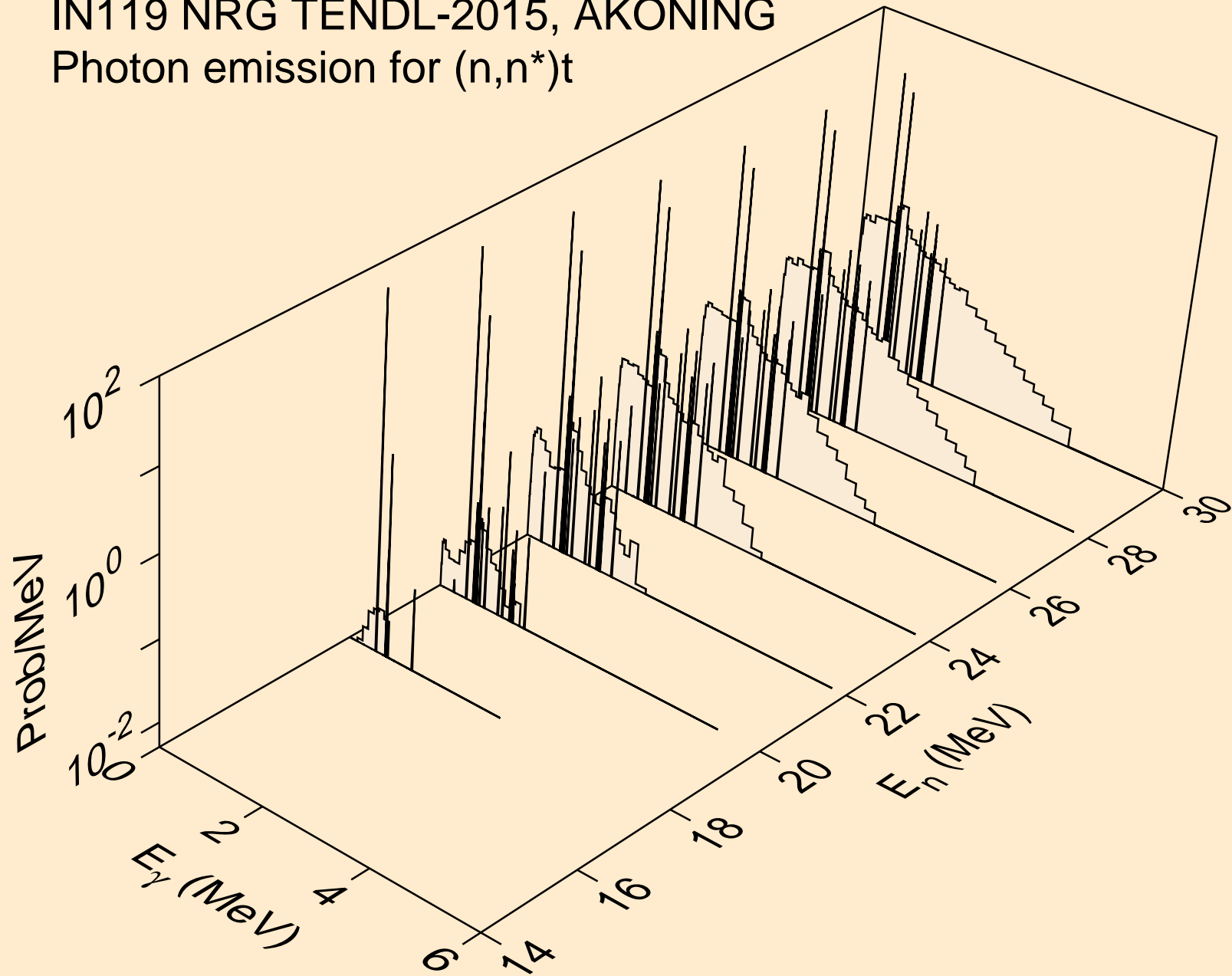


IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

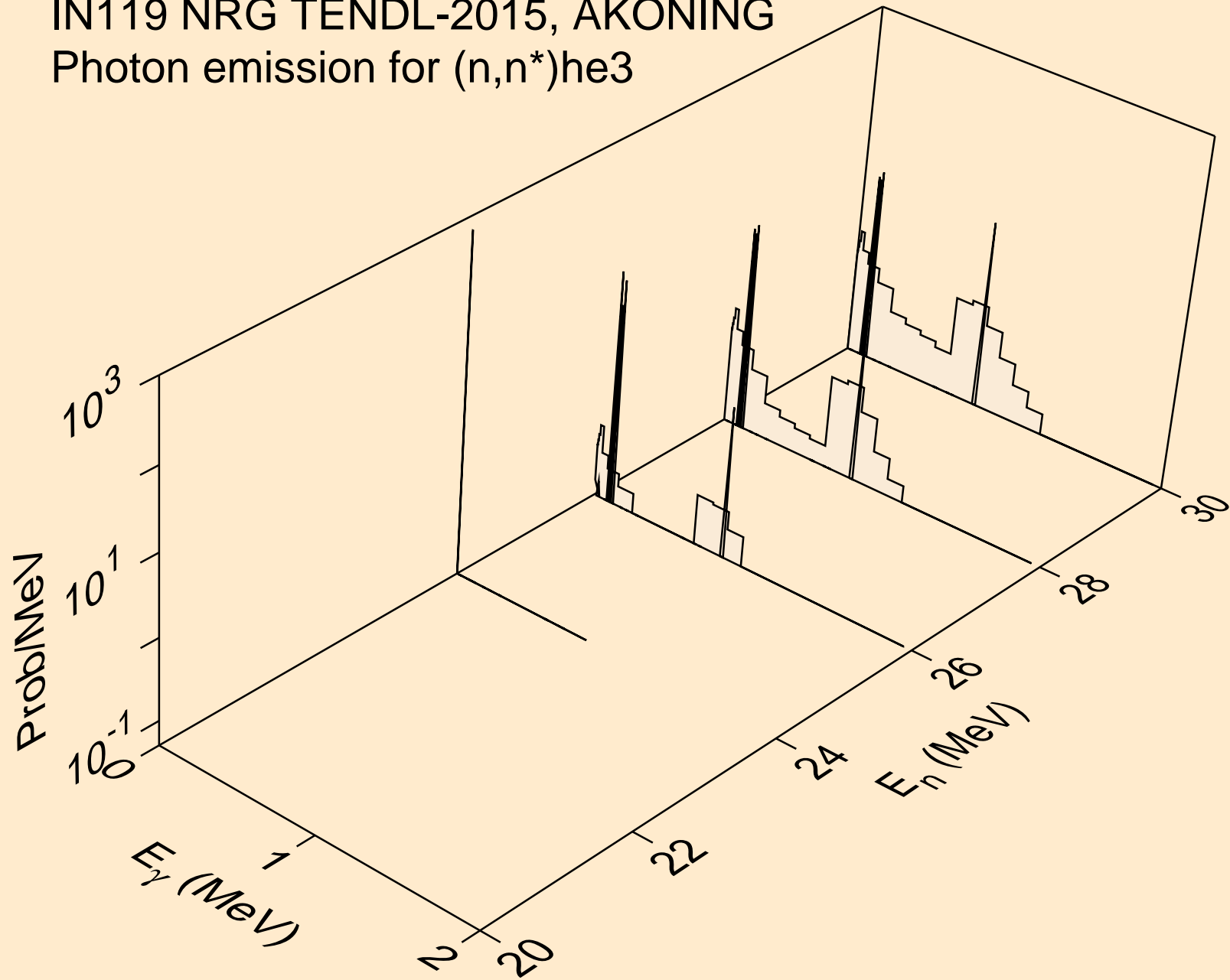




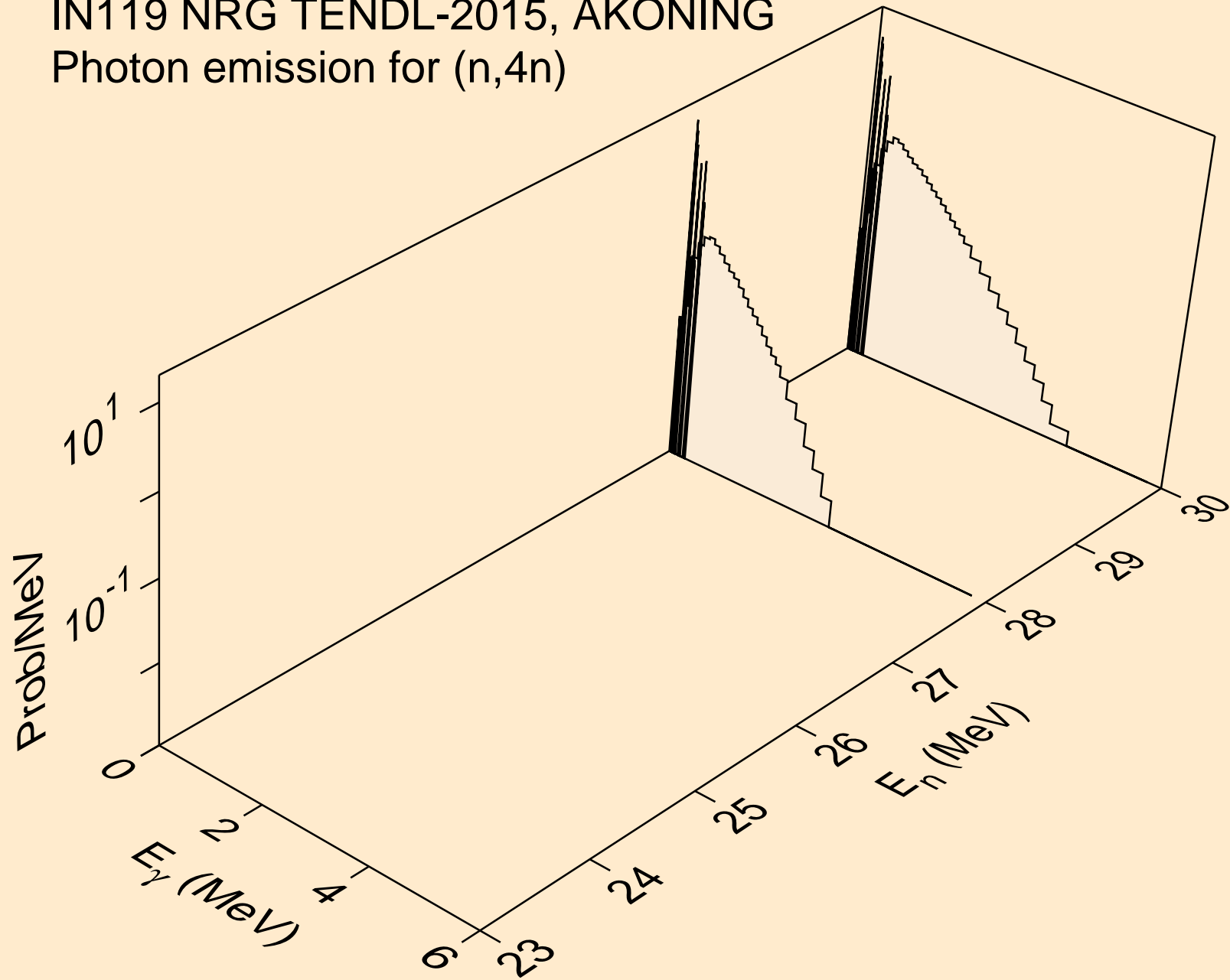
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



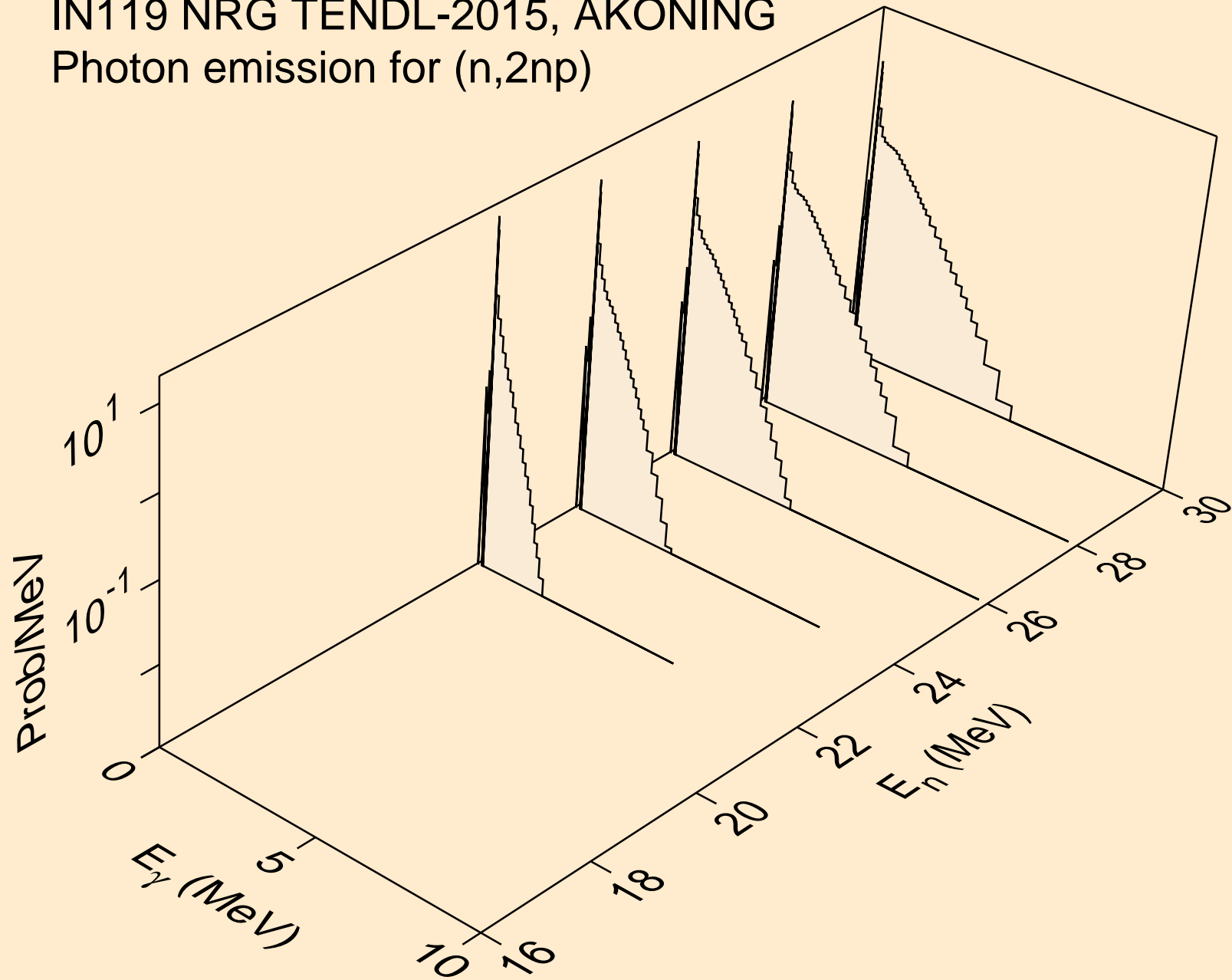
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



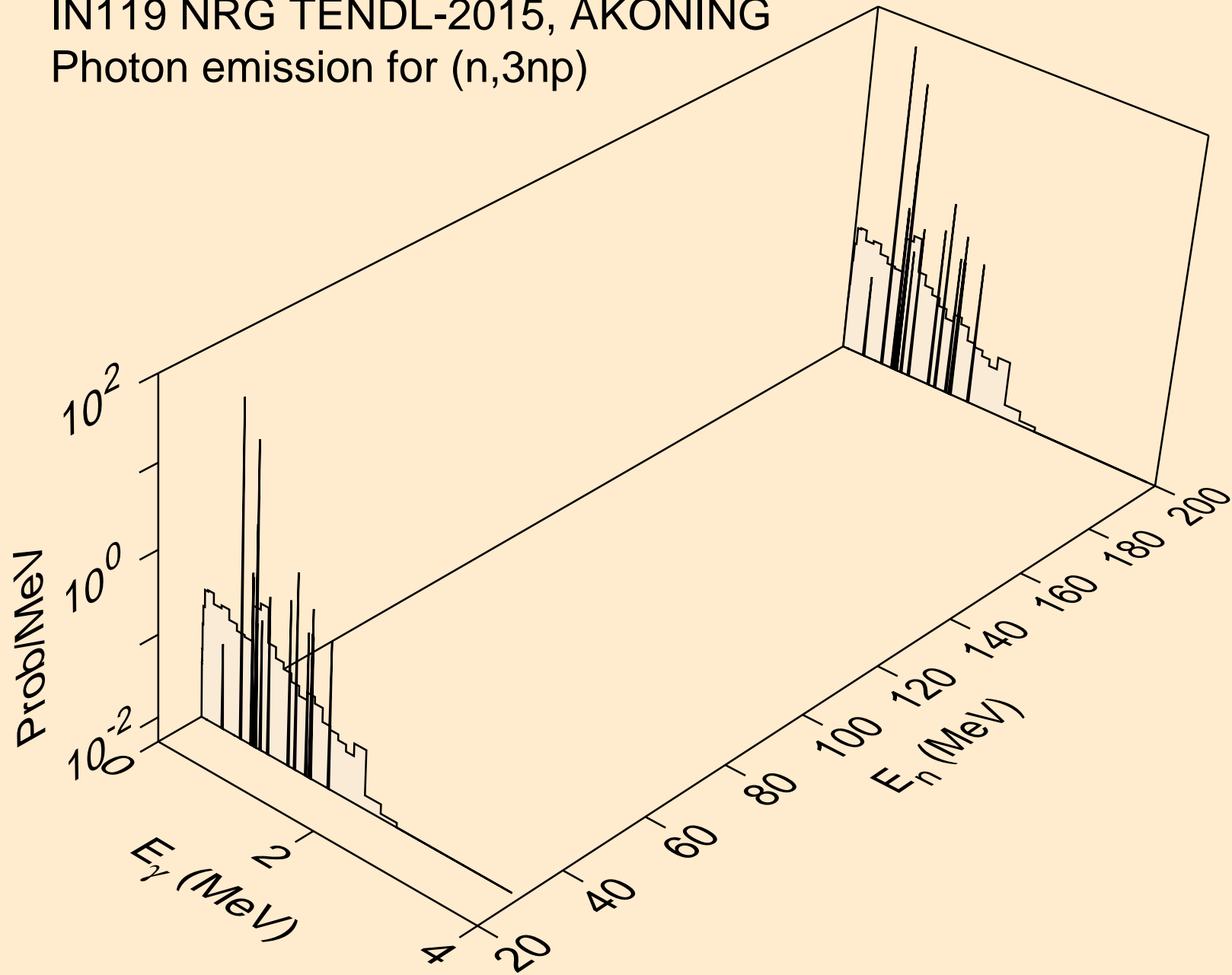
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



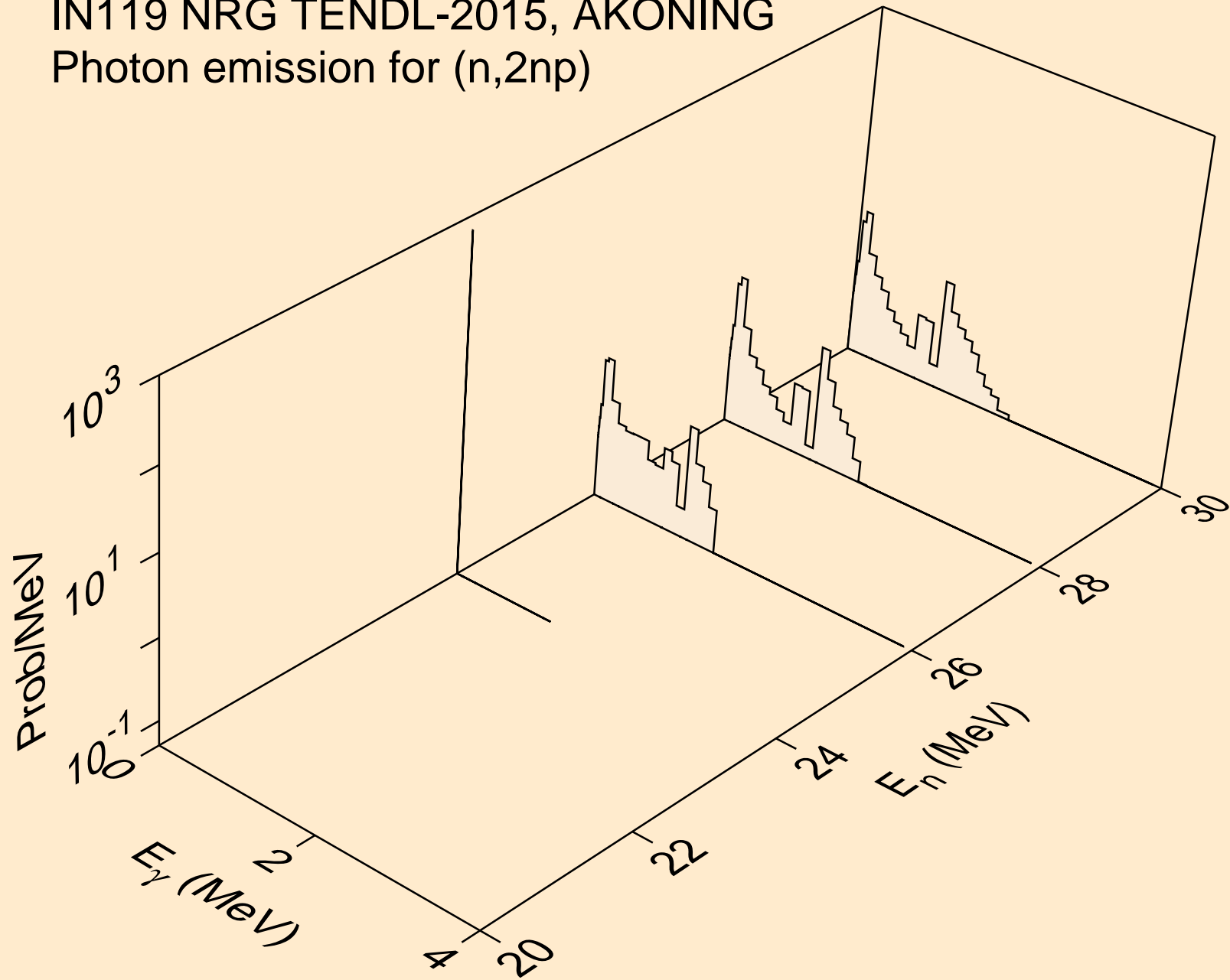
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



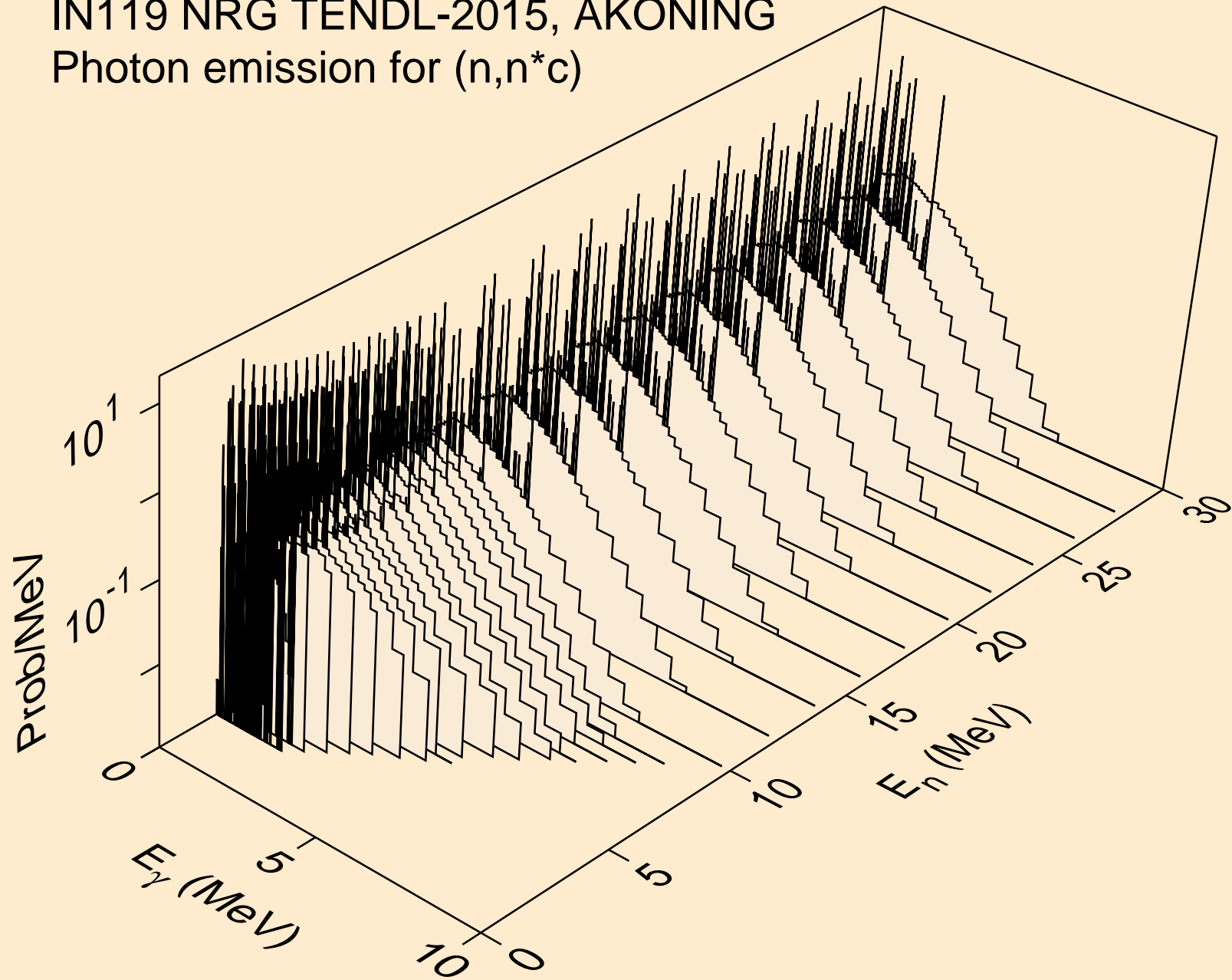
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



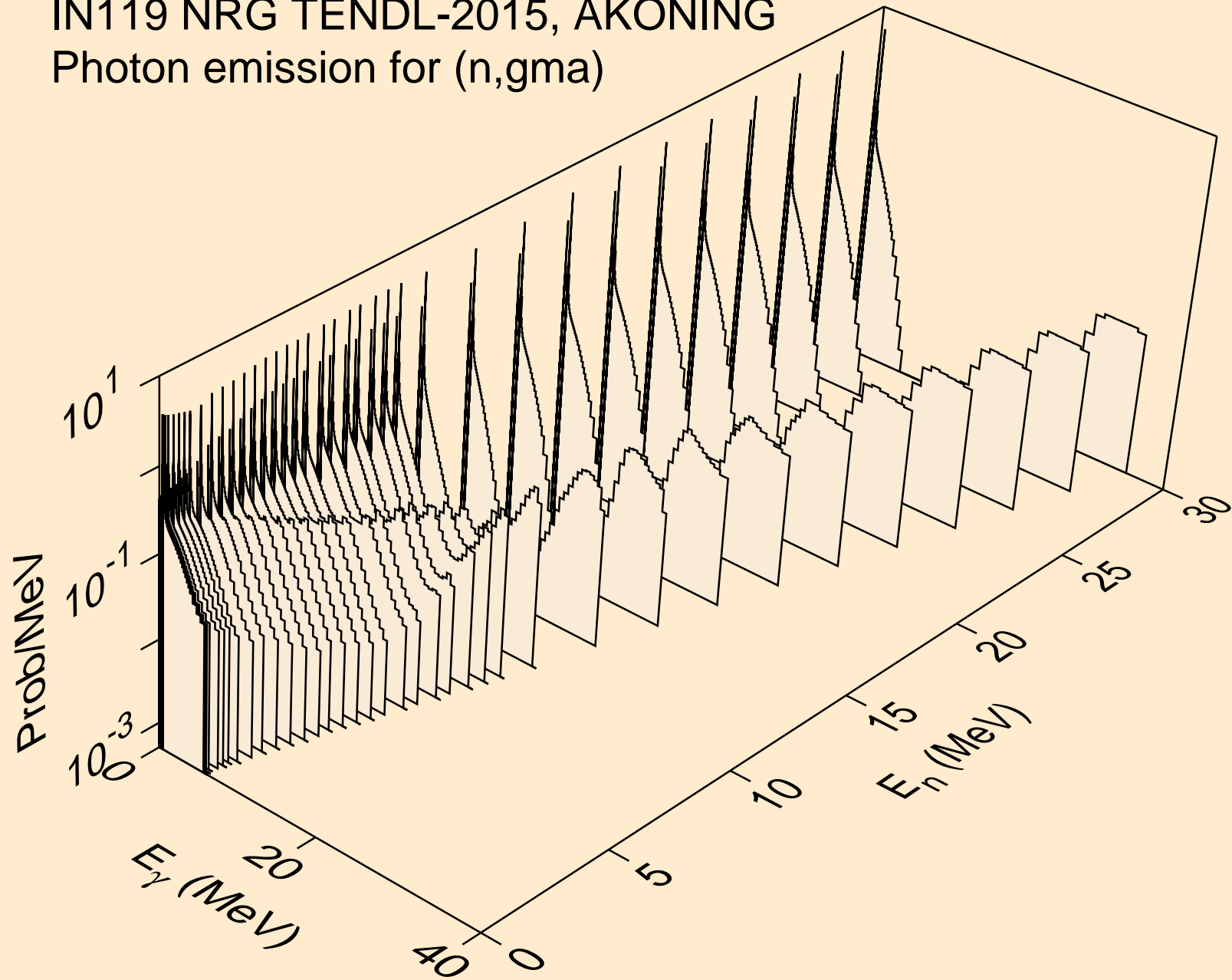
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

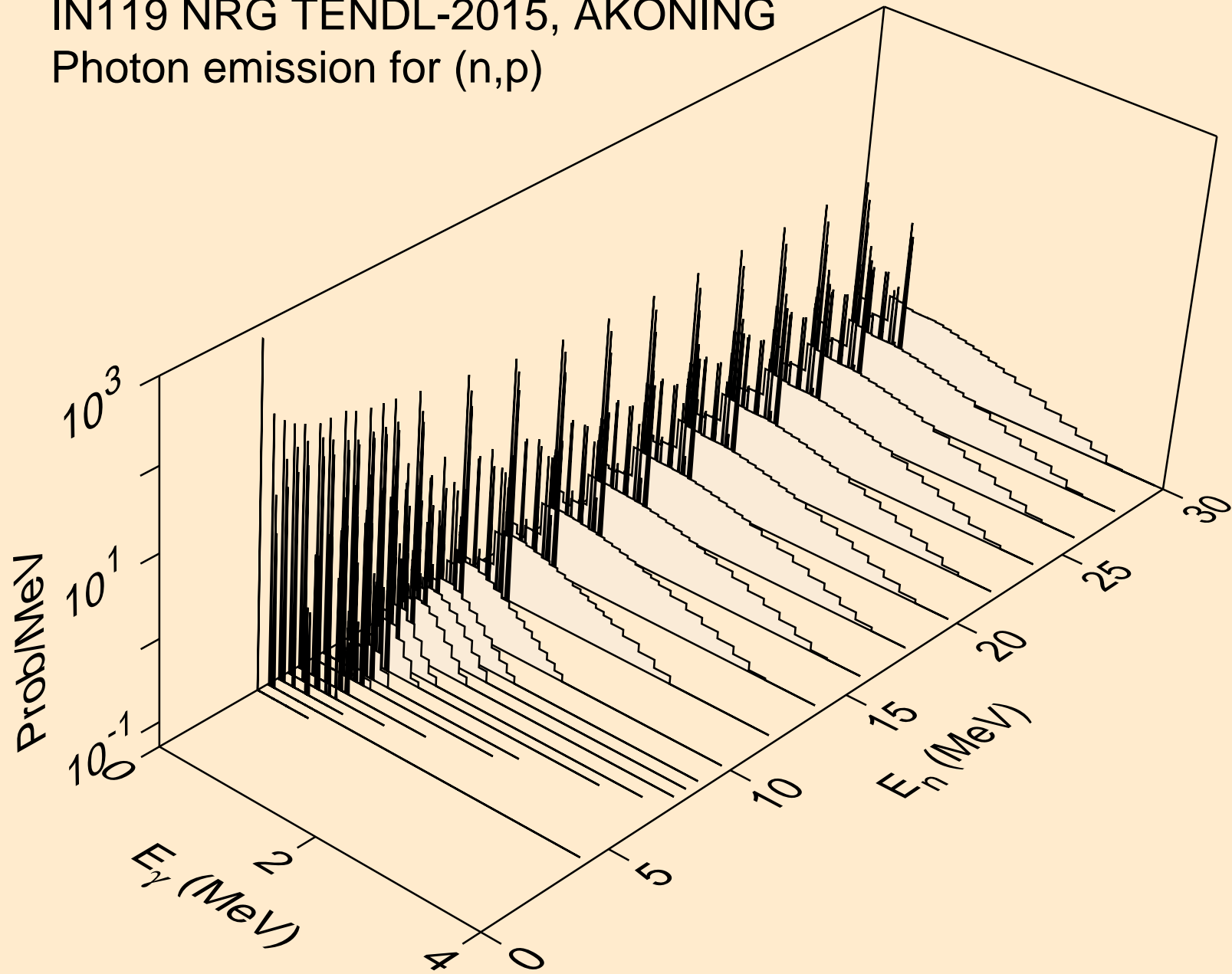


IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

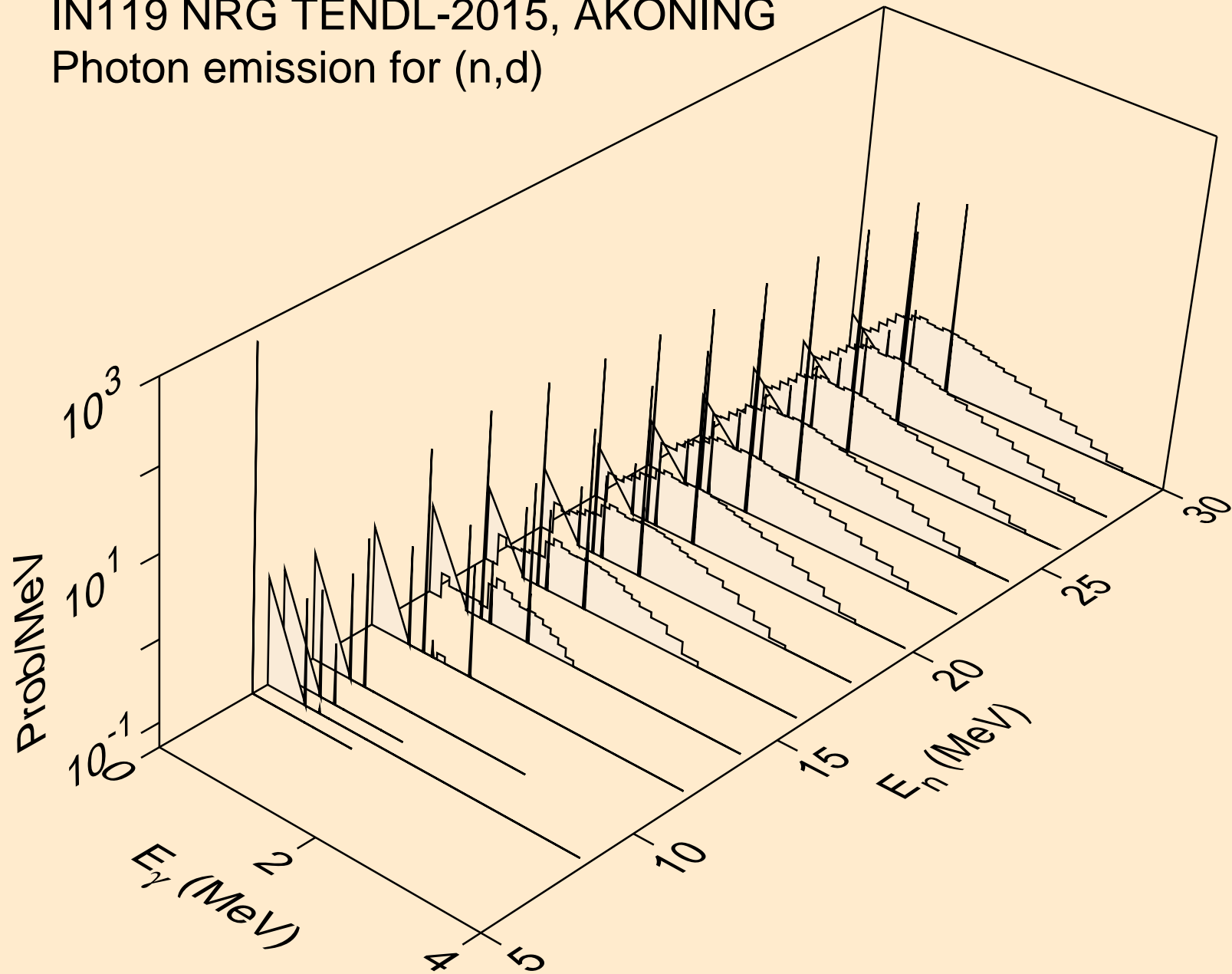




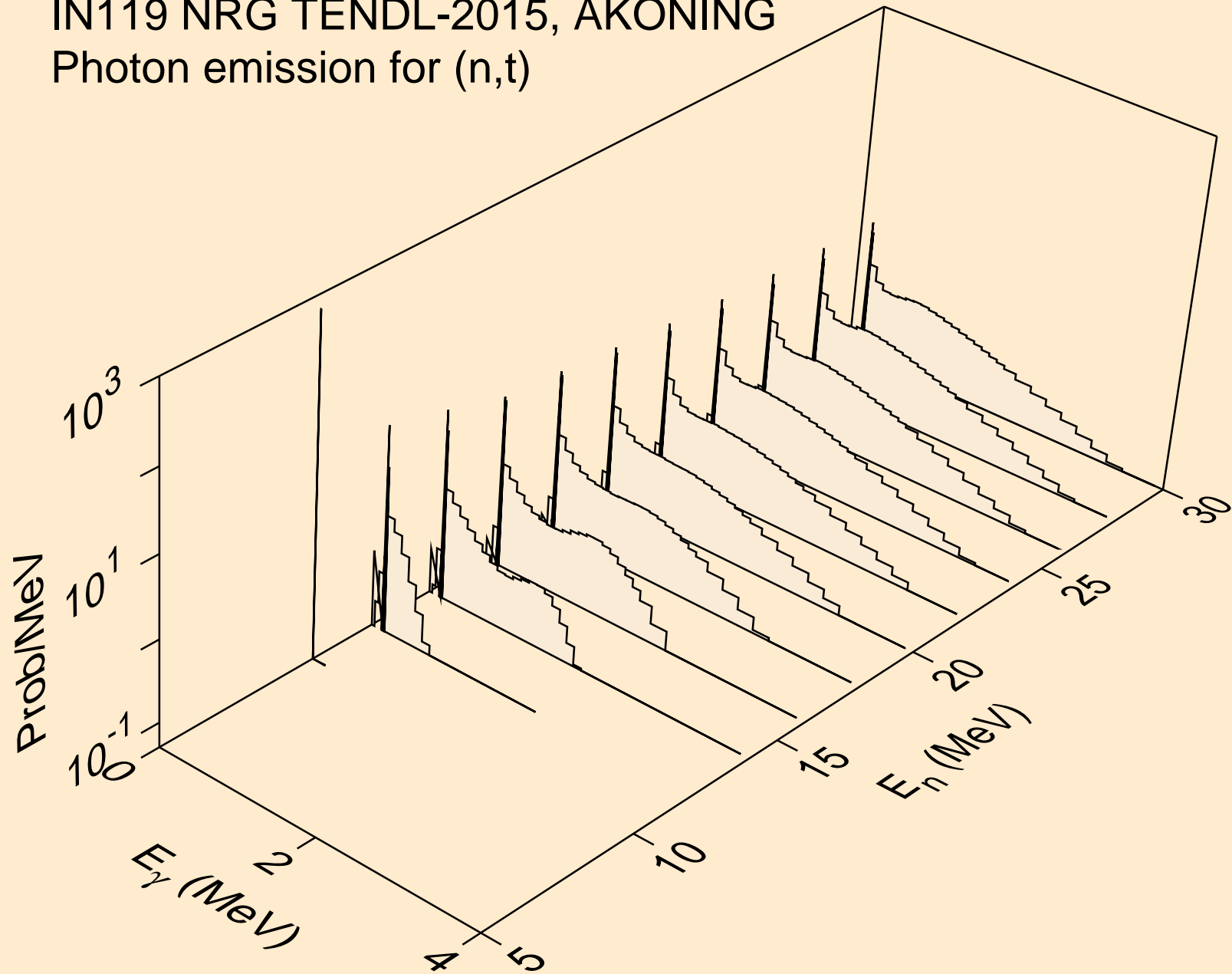
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



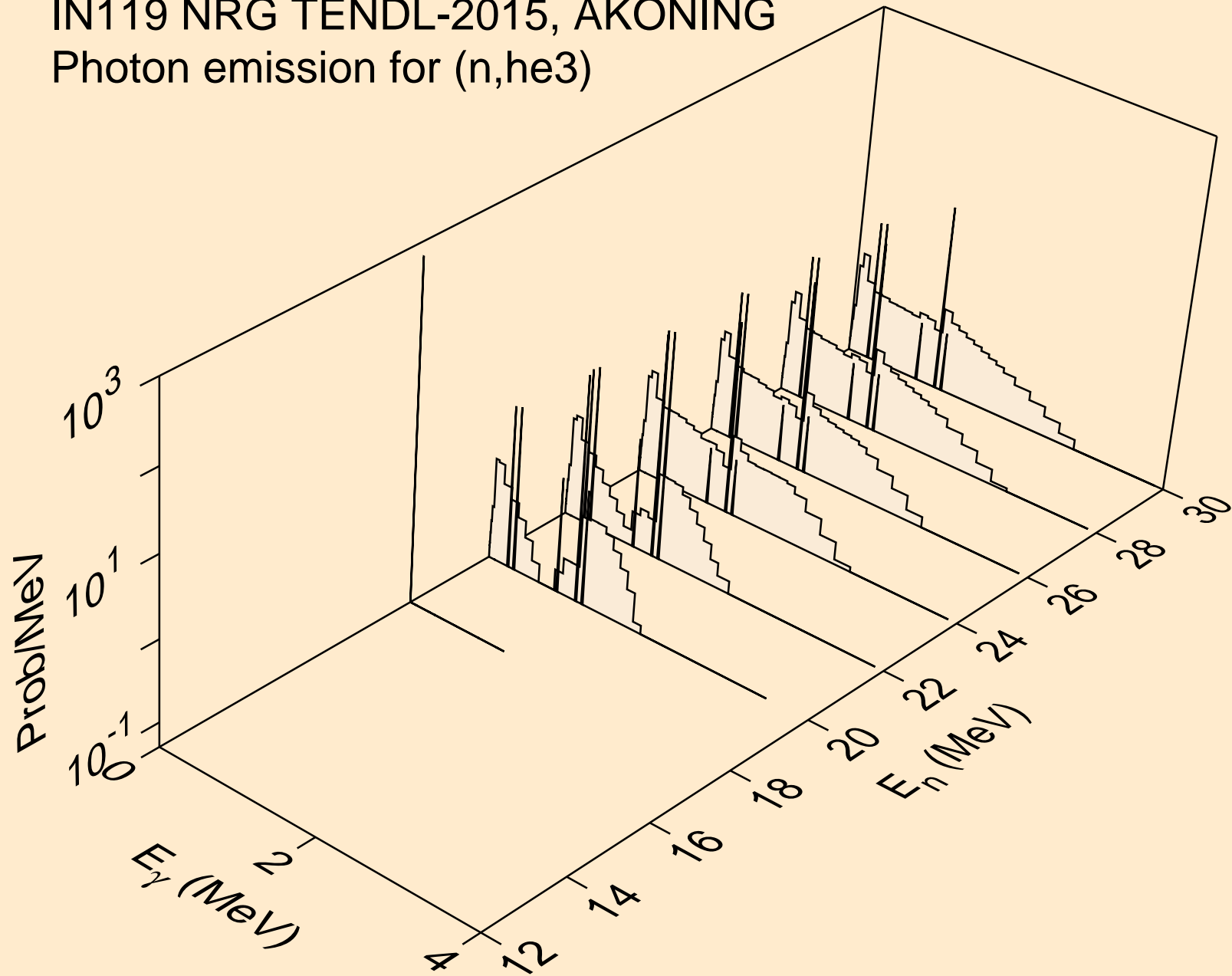
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



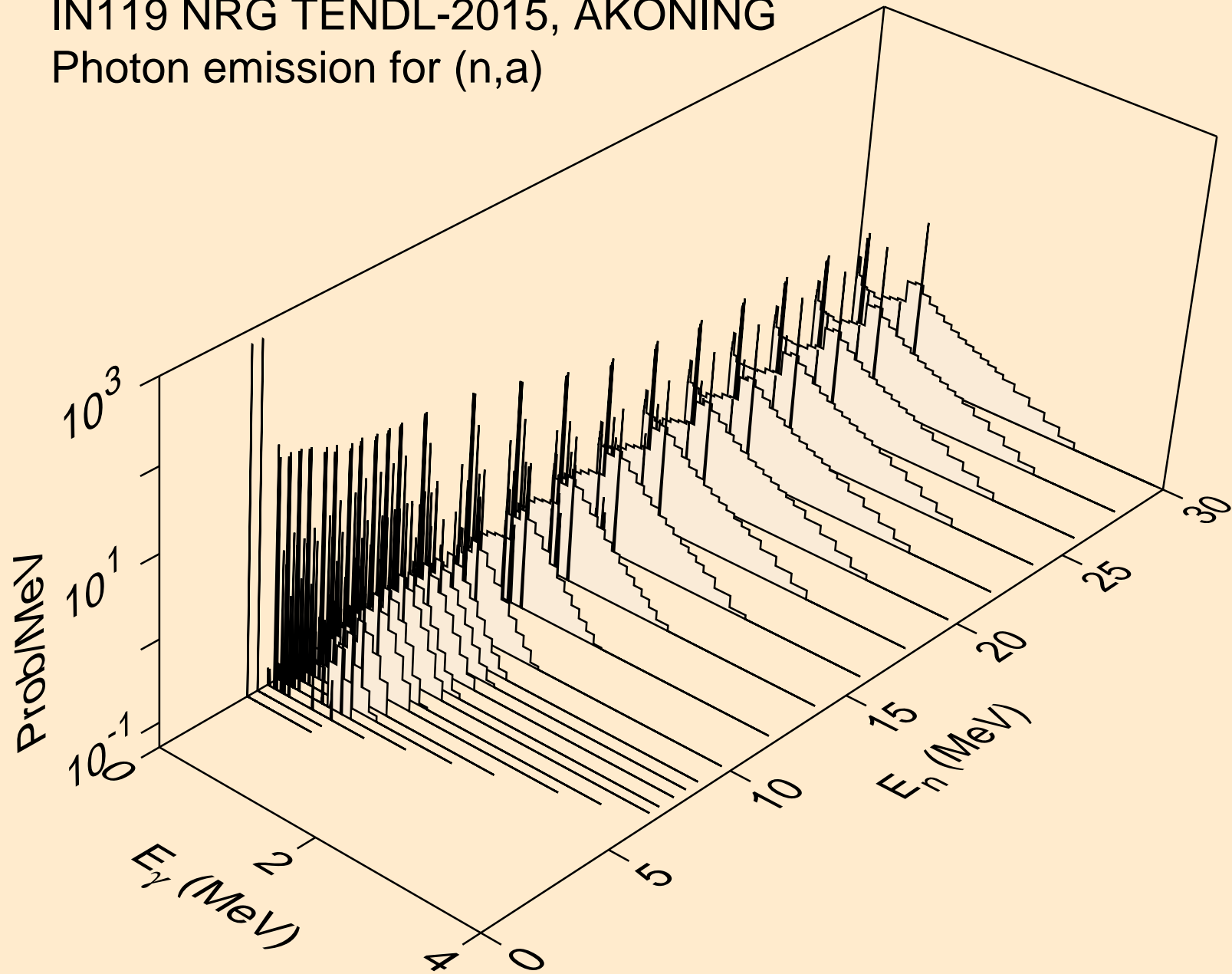
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



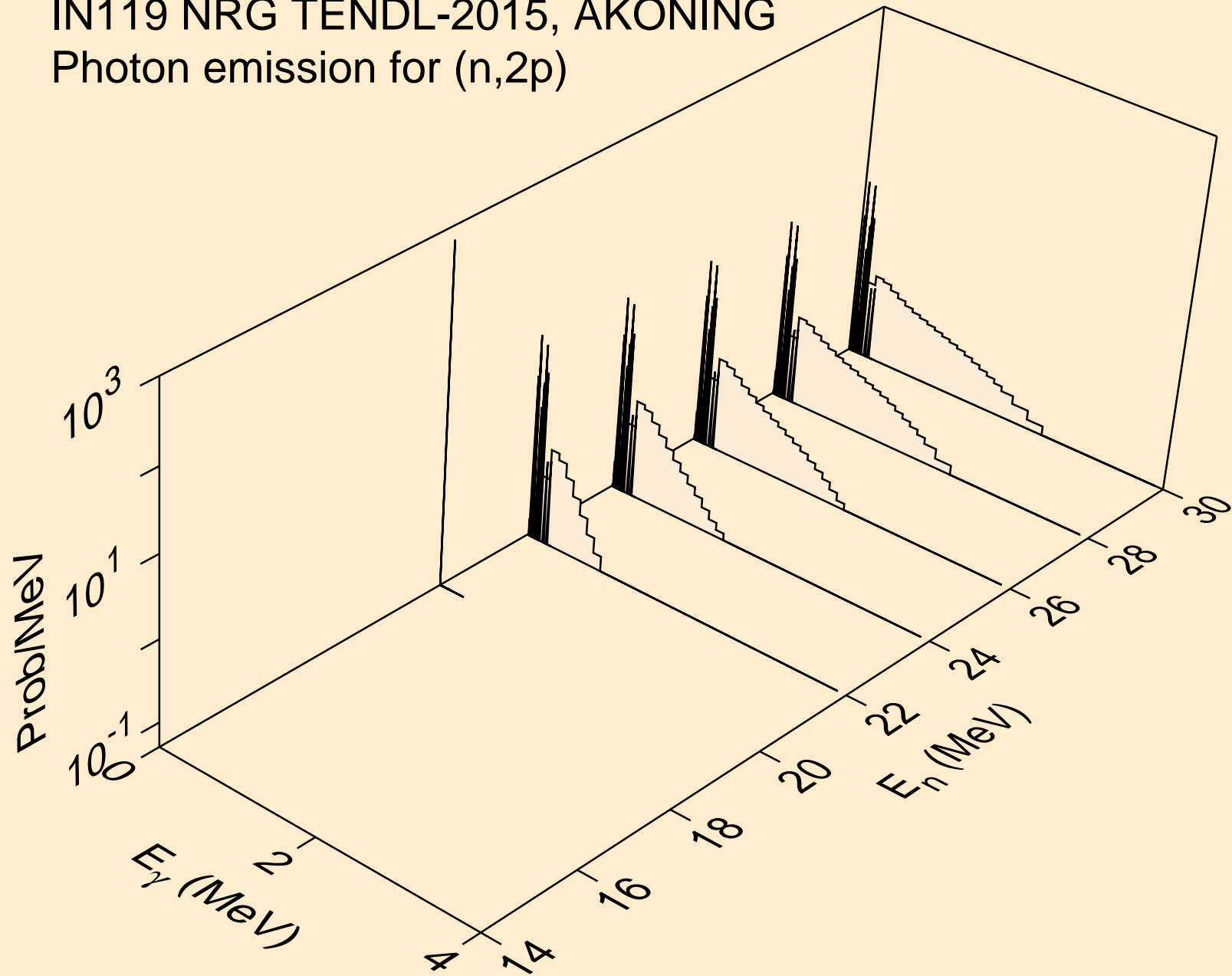
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



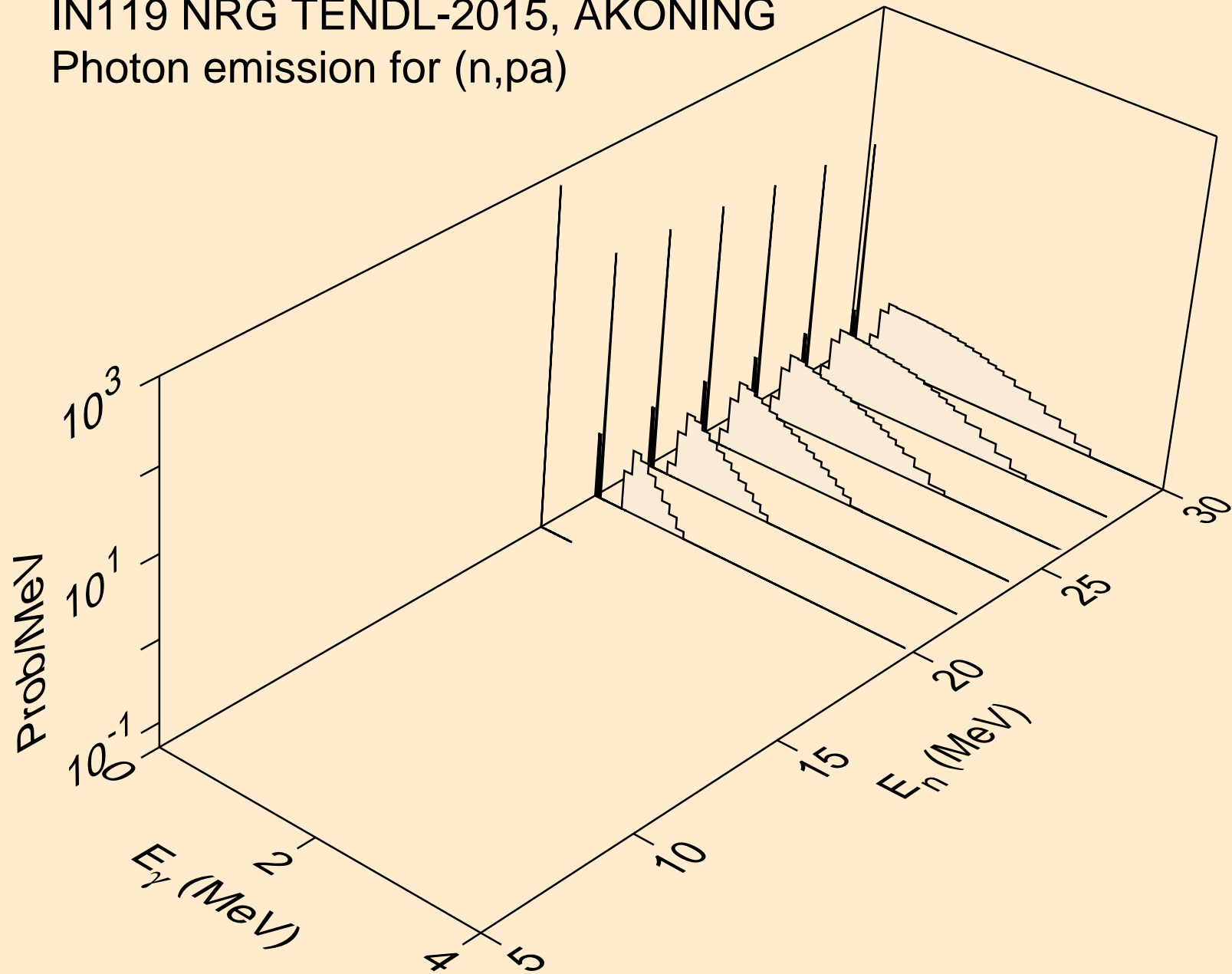
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



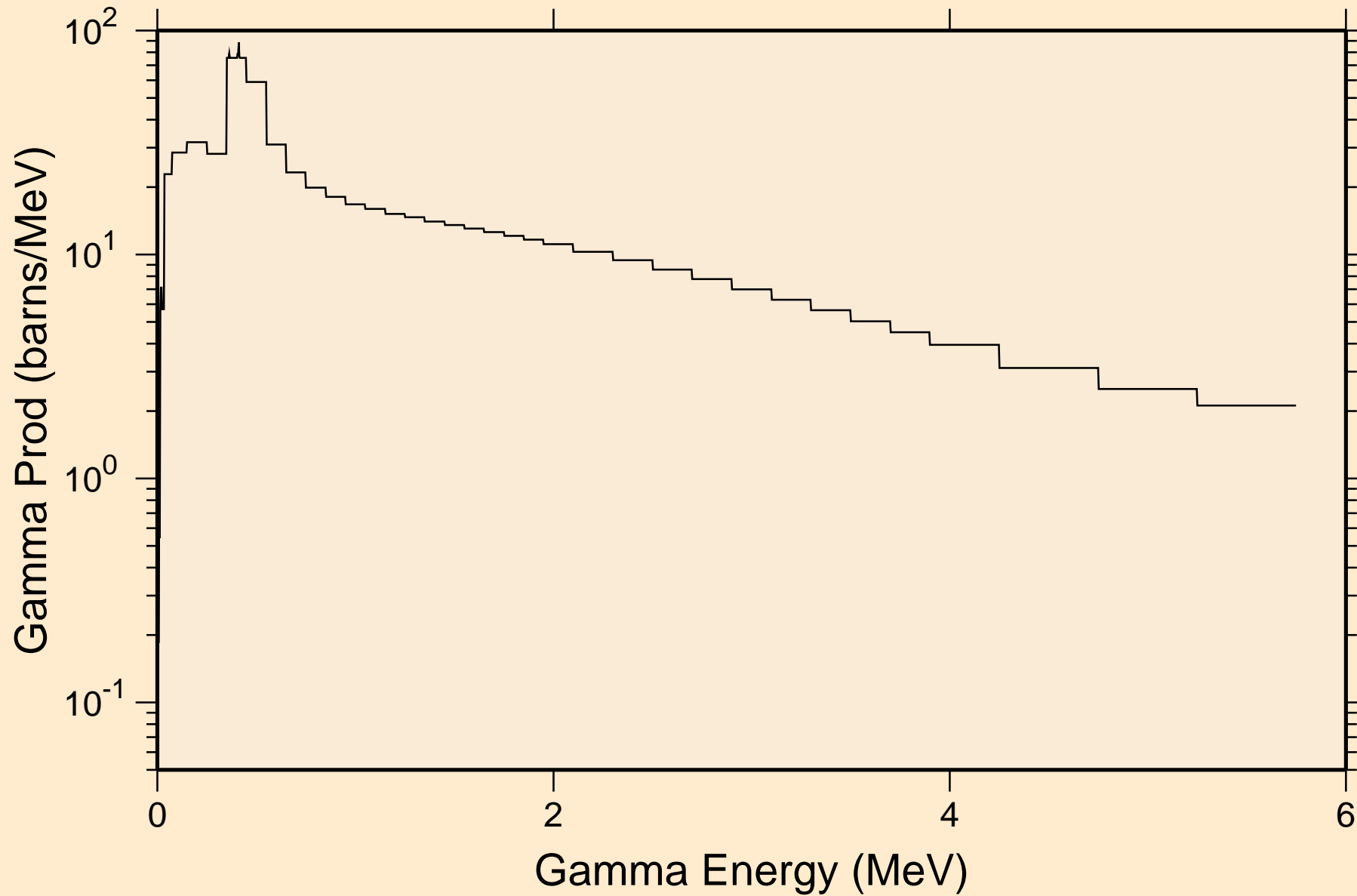
IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



IN119 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

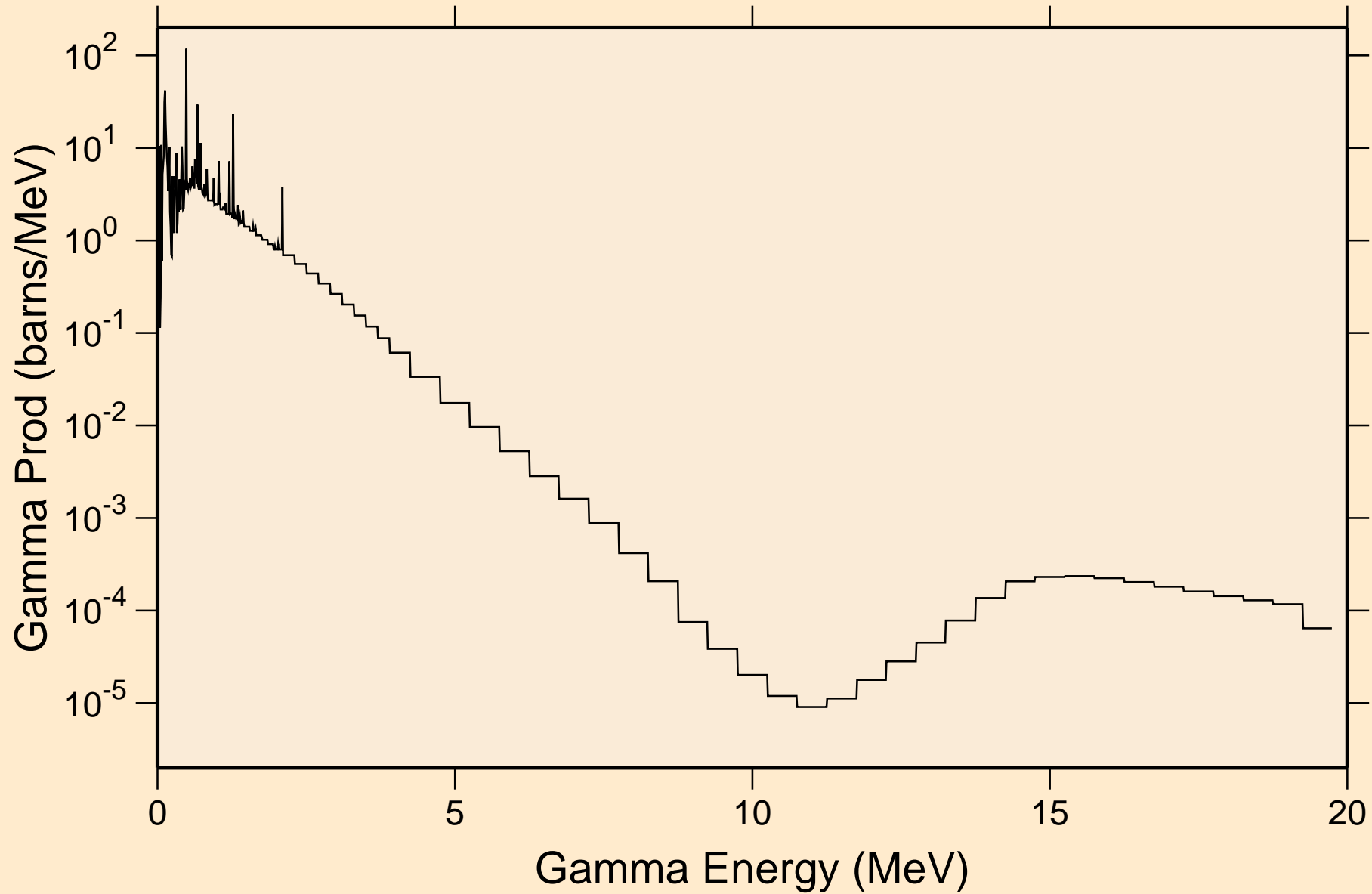


IN119 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



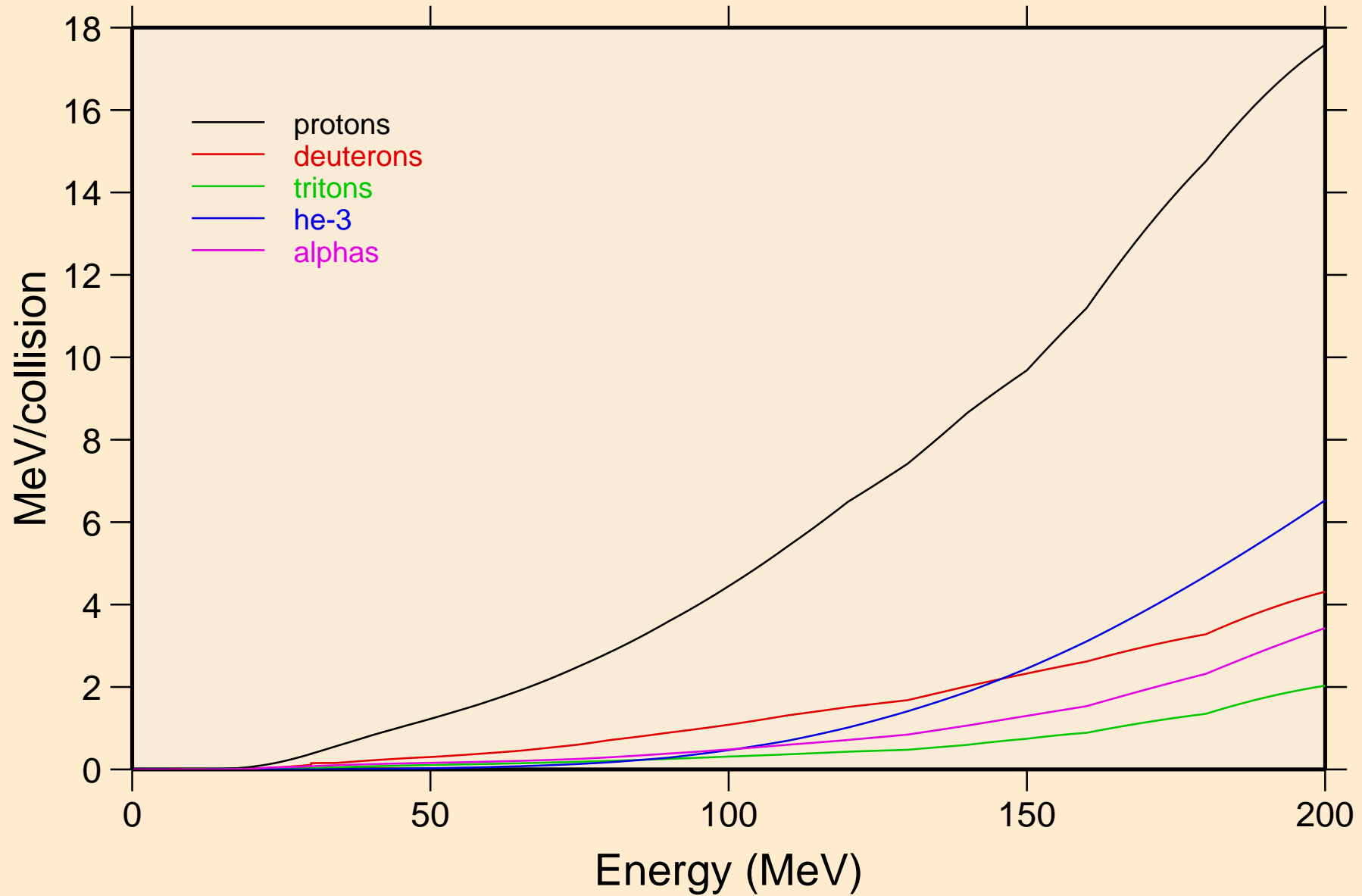


IN119 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



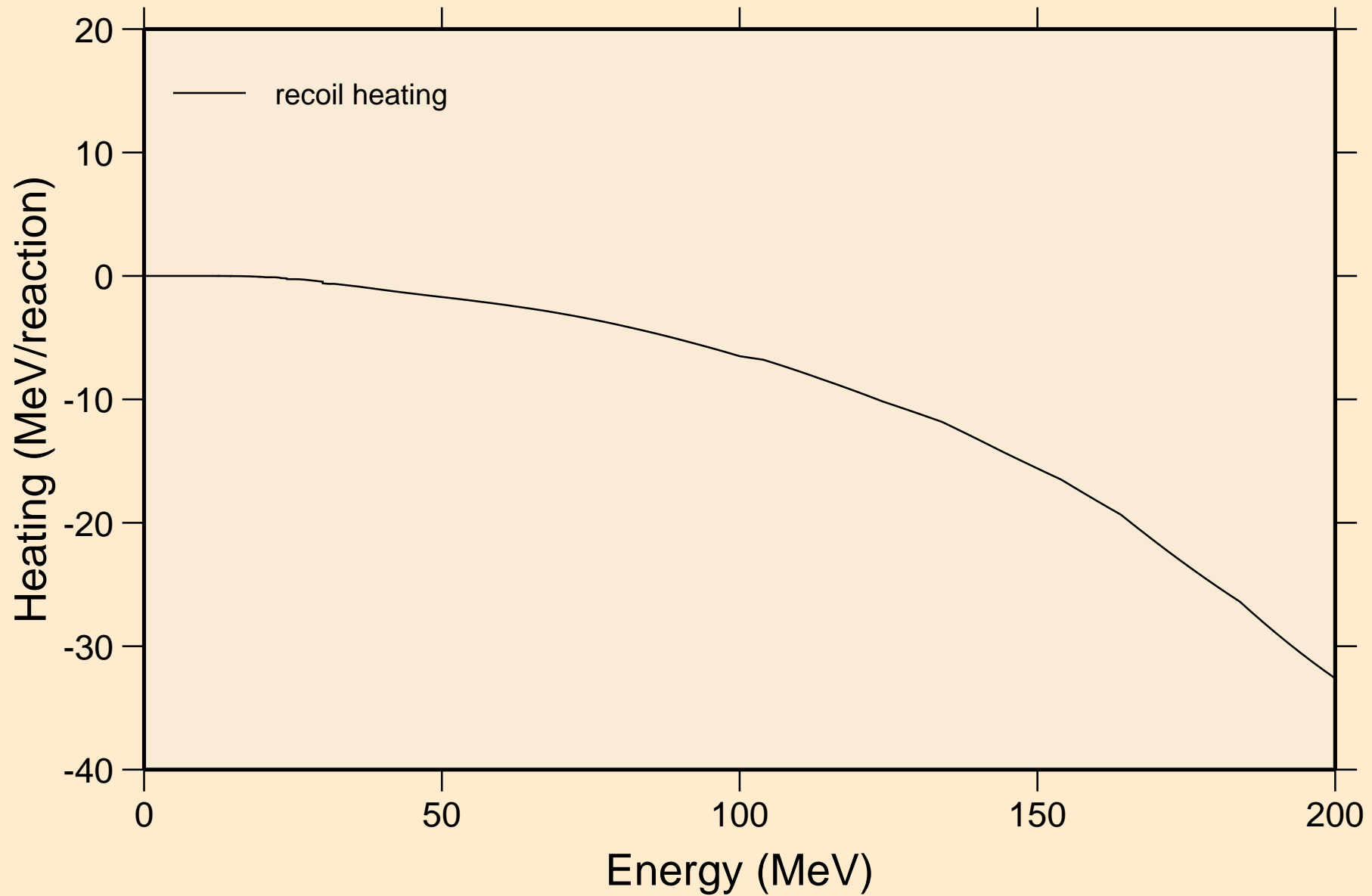
# IN119 NRG TENDL-2015, AKONING

## Particle heating contributions



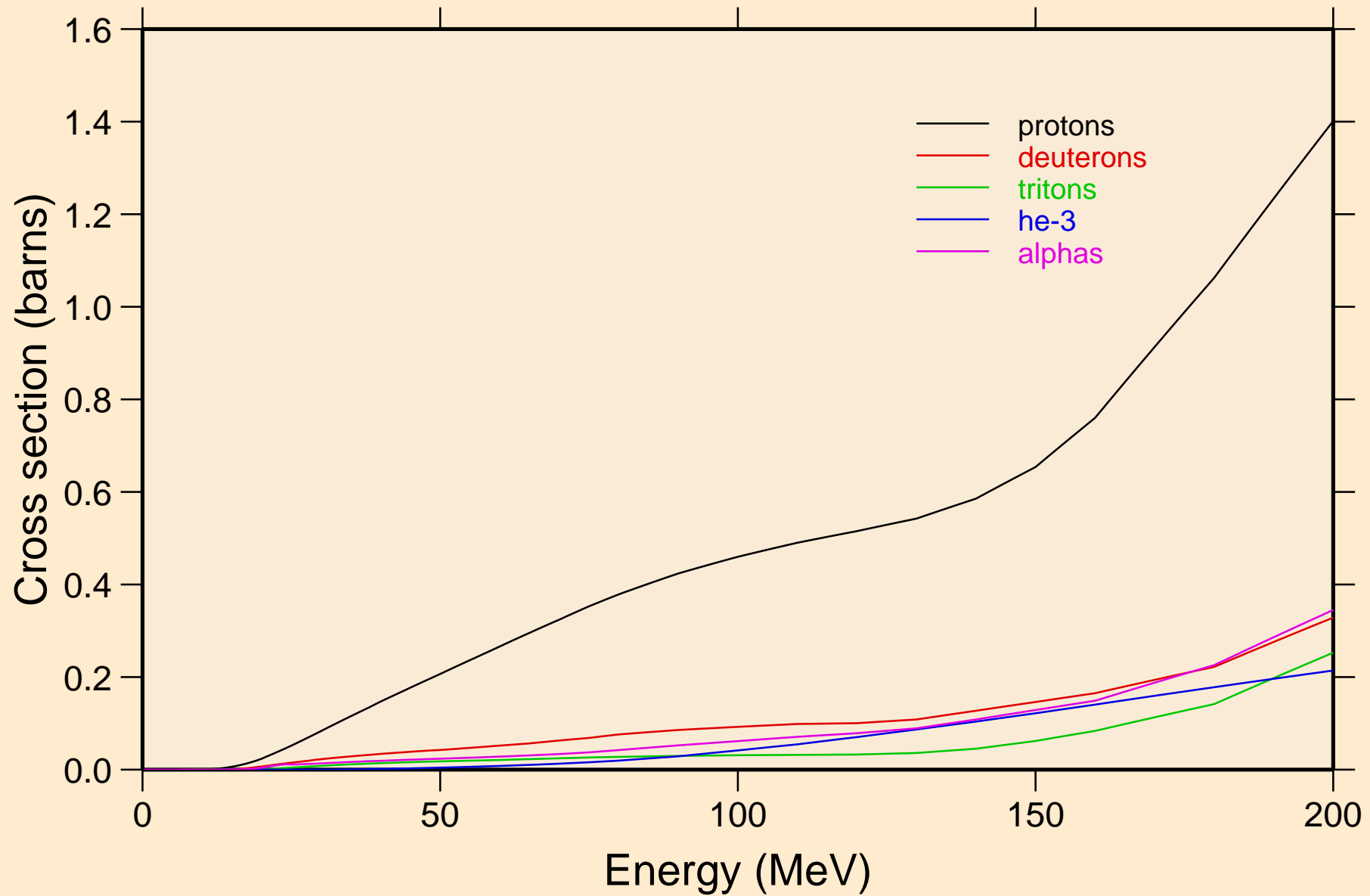
# IN119 NRG TENDL-2015, AKONING

## Recoil Heating

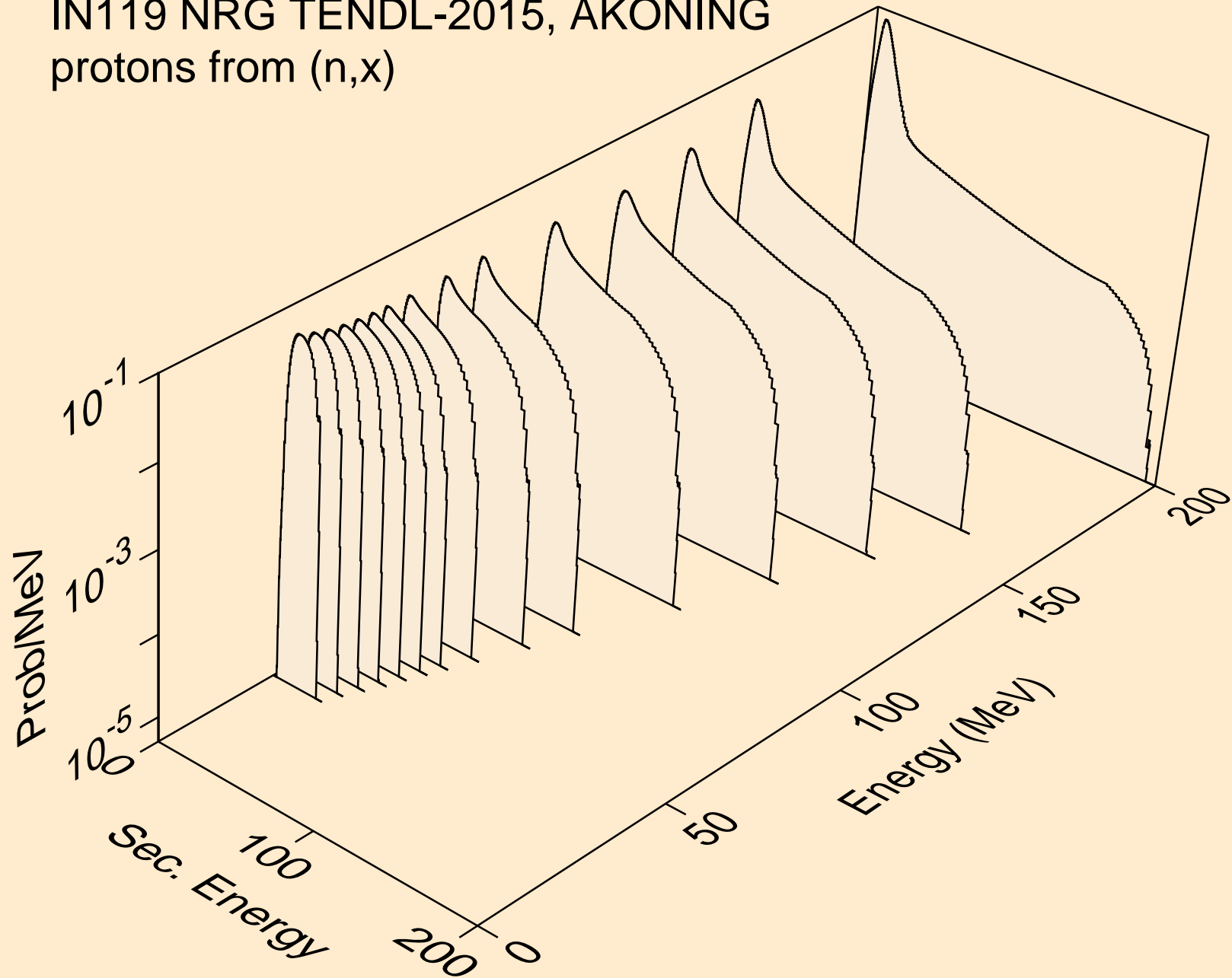


# IN119 NRG TENDL-2015, AKONING

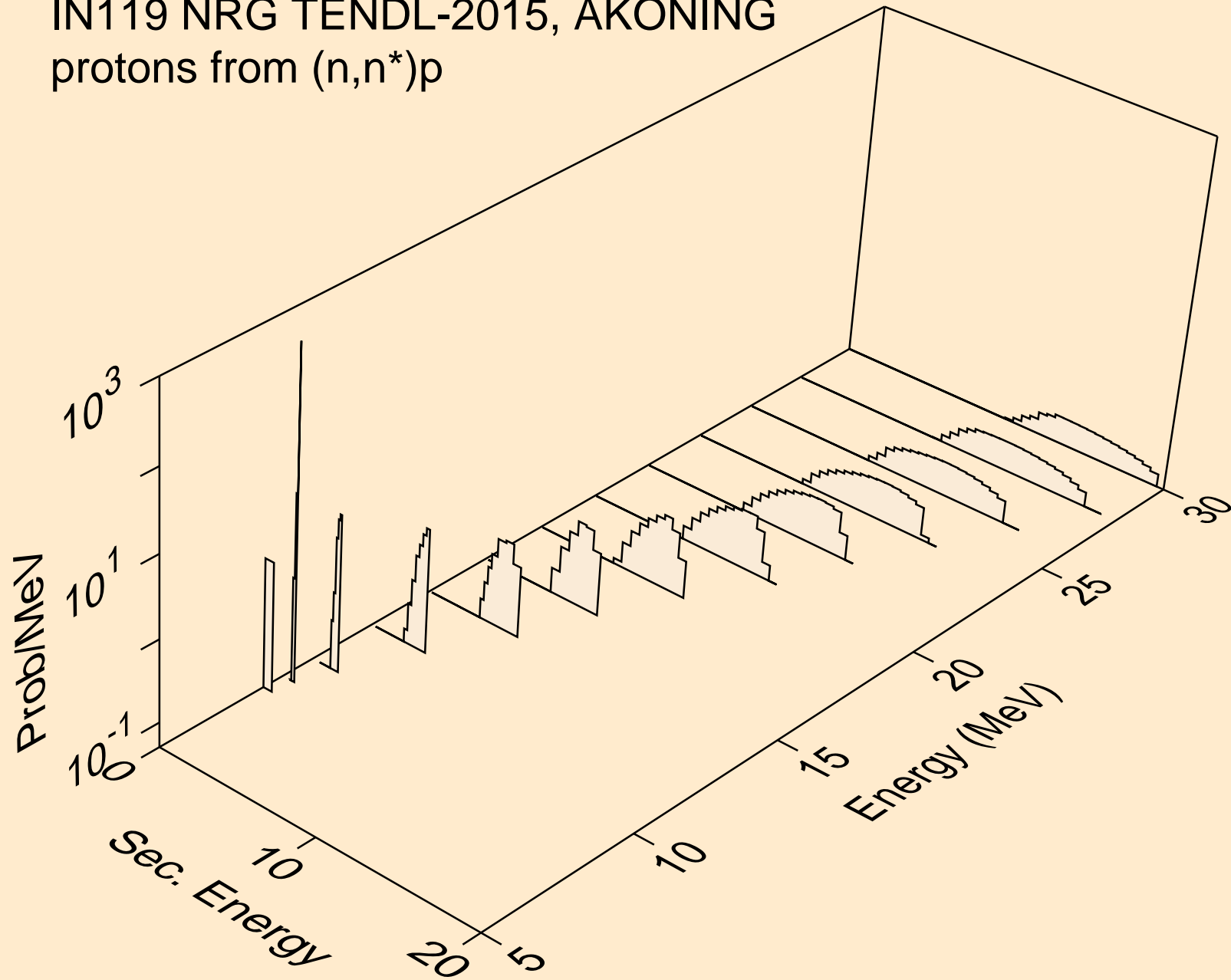
## Particle production cross sections



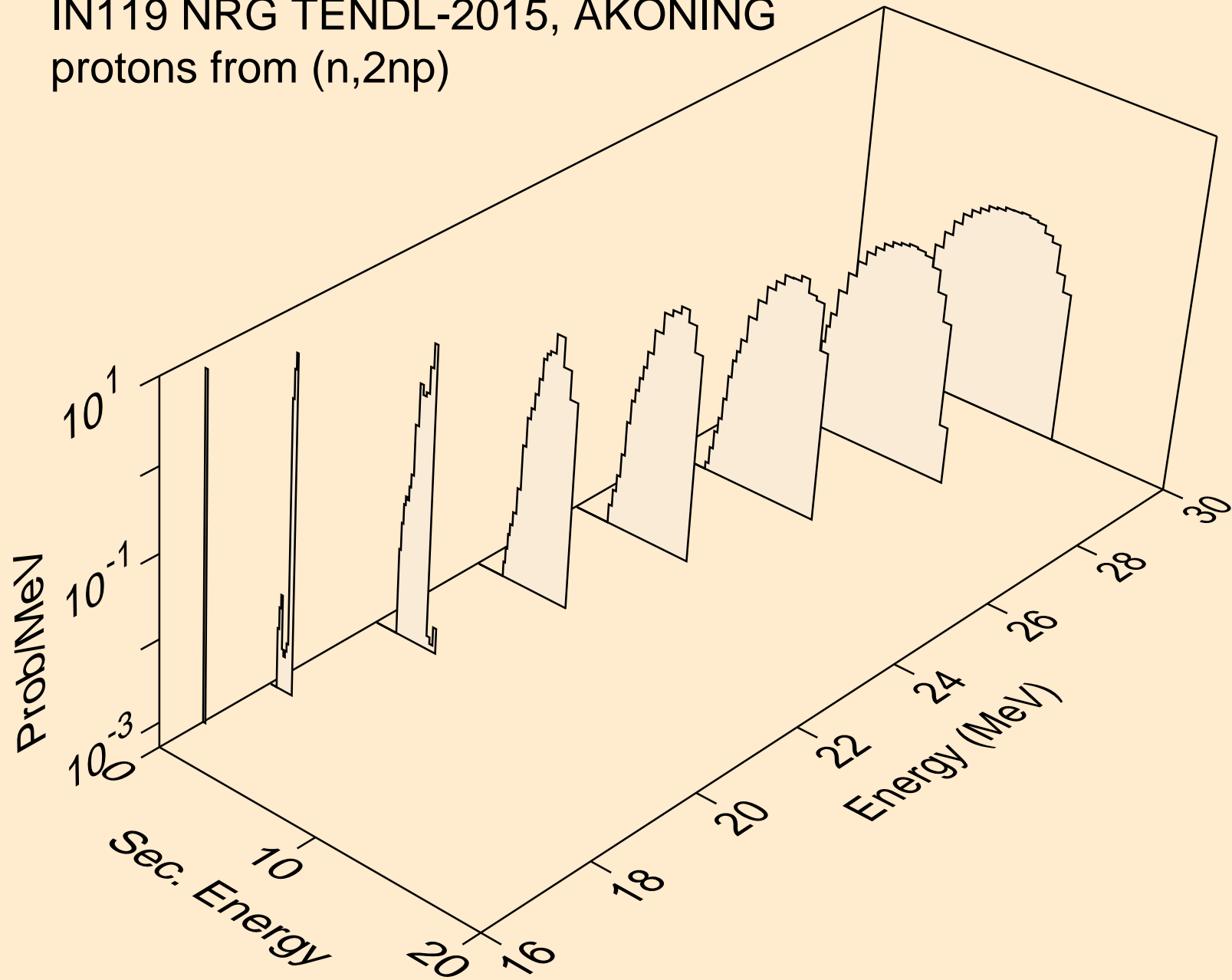
IN119 NRG TENDL-2015, AKONING  
protons from (n,x)



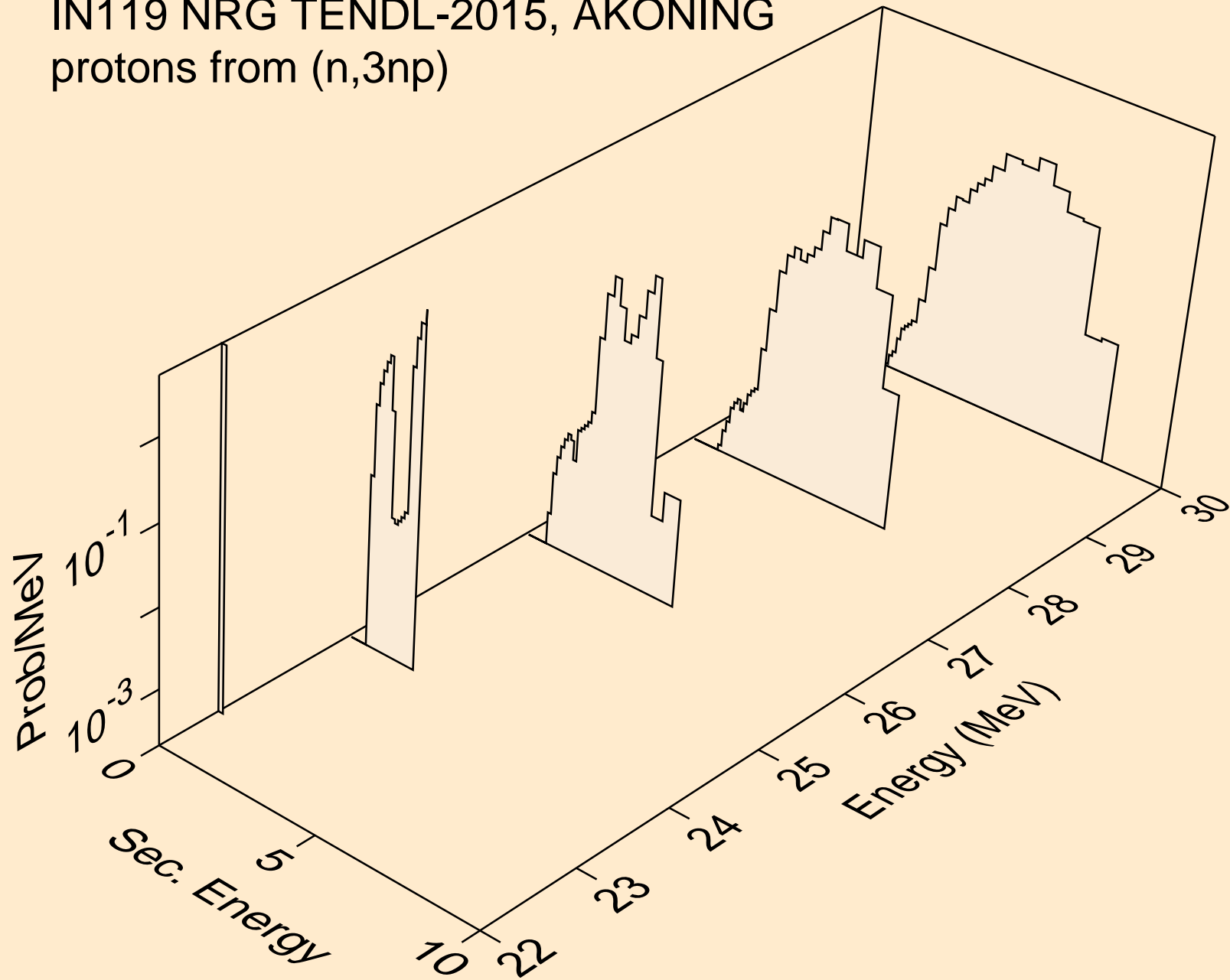
IN119 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



IN119 NRG TENDL-2015, AKONING  
protons from (n,2np)

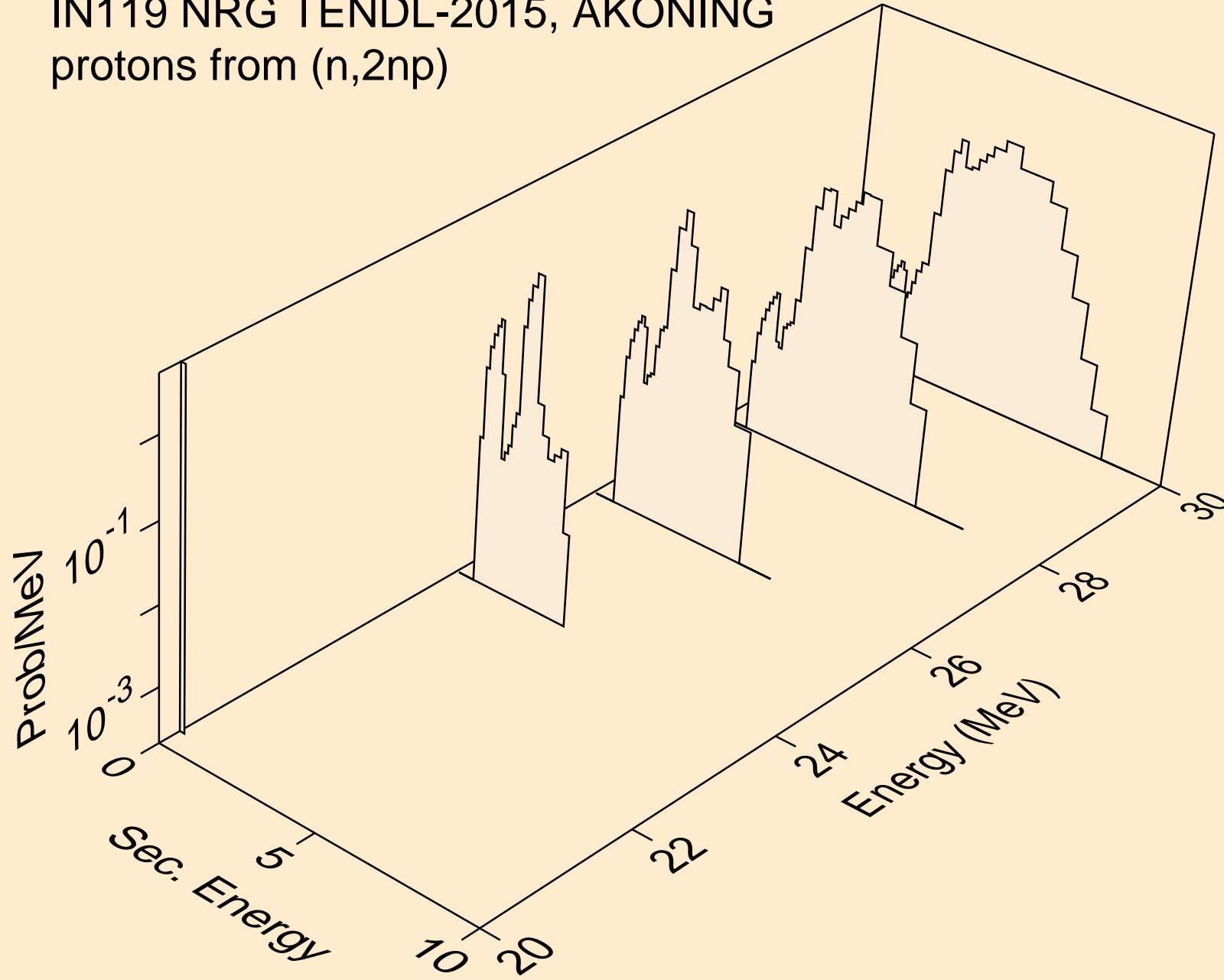


IN119 NRG TENDL-2015, AKONING  
protons from (n,3np)

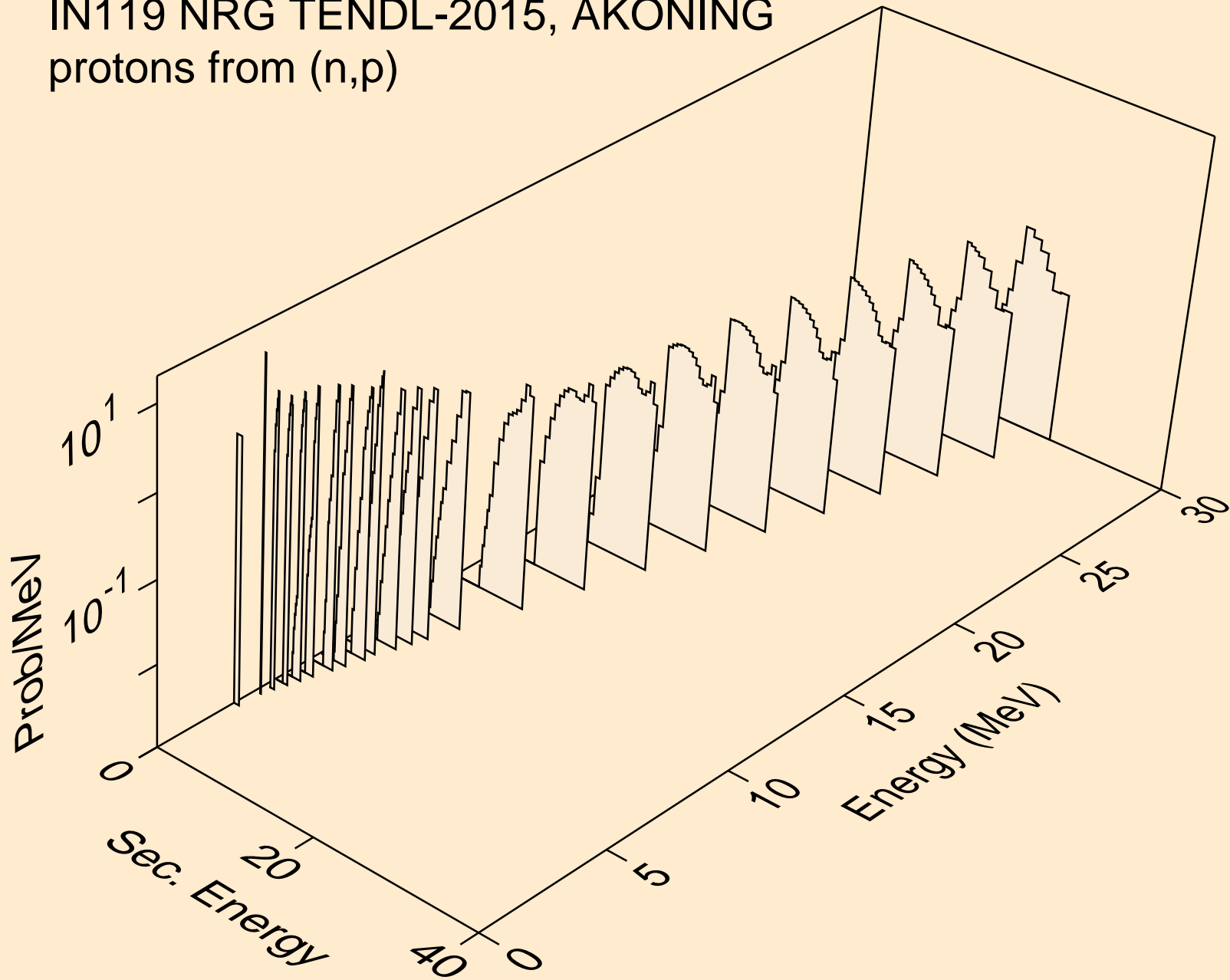




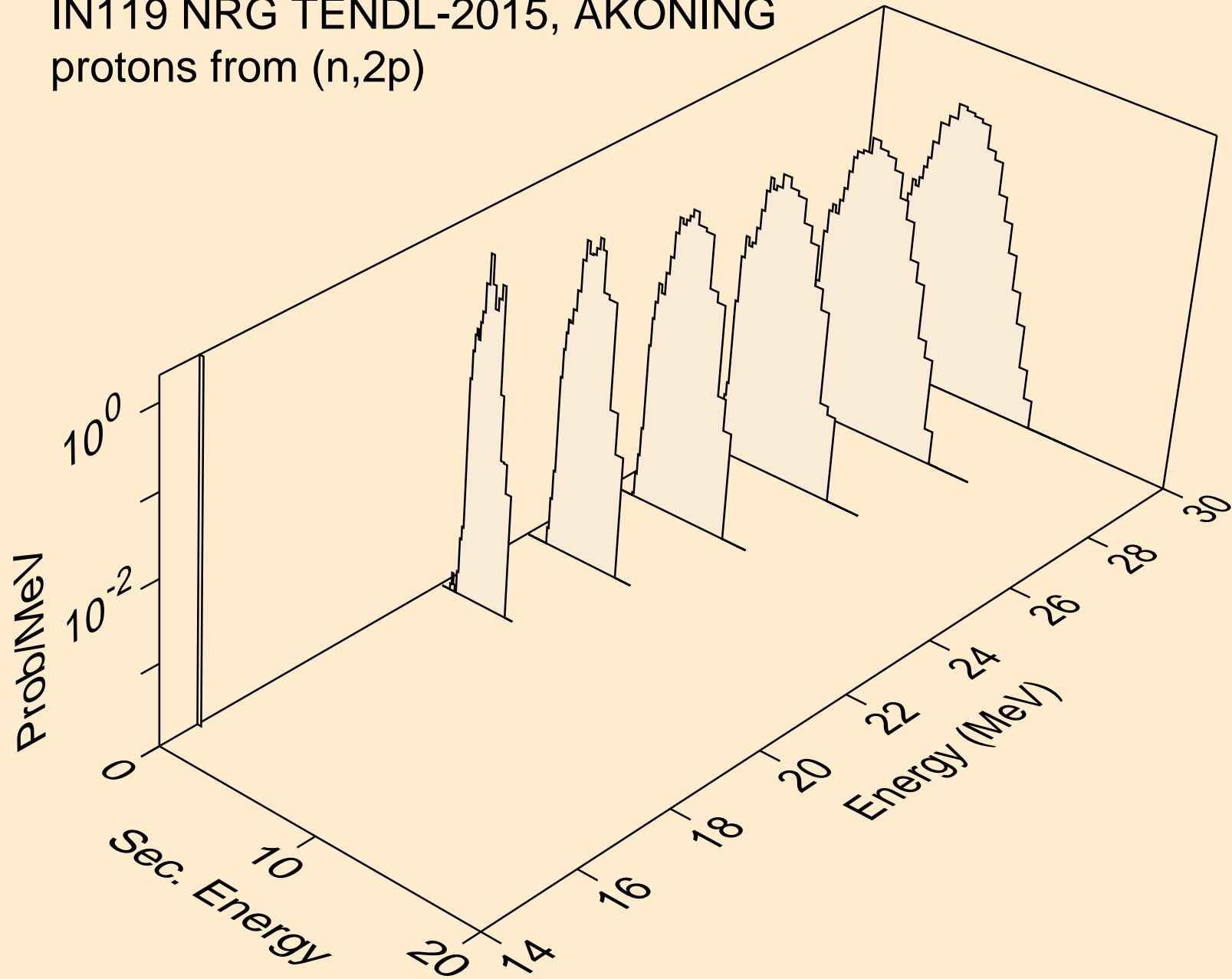
IN119 NRG TENDL-2015, AKONING  
protons from (n,2np)



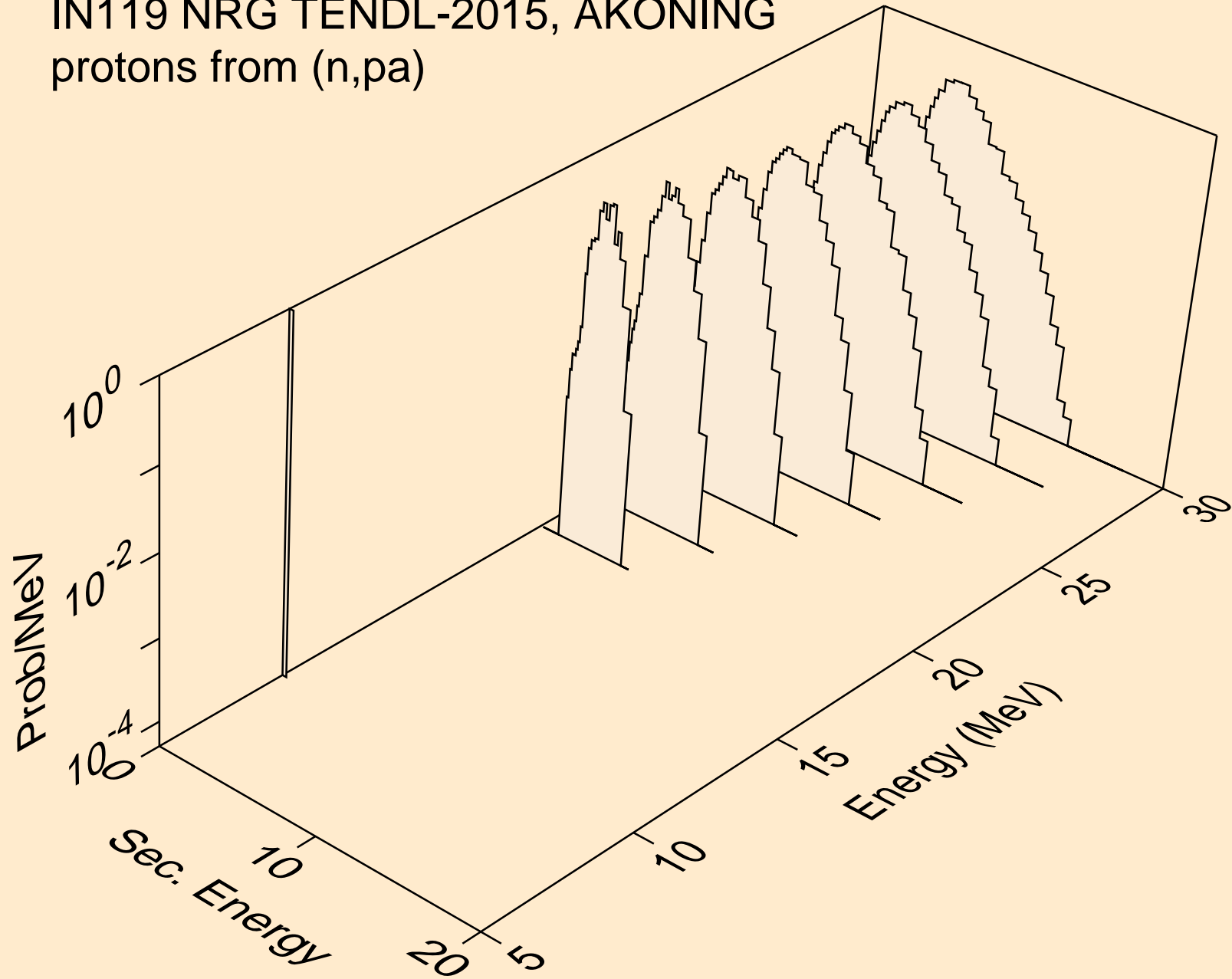
IN119 NRG TENDL-2015, AKONING  
protons from (n,p)



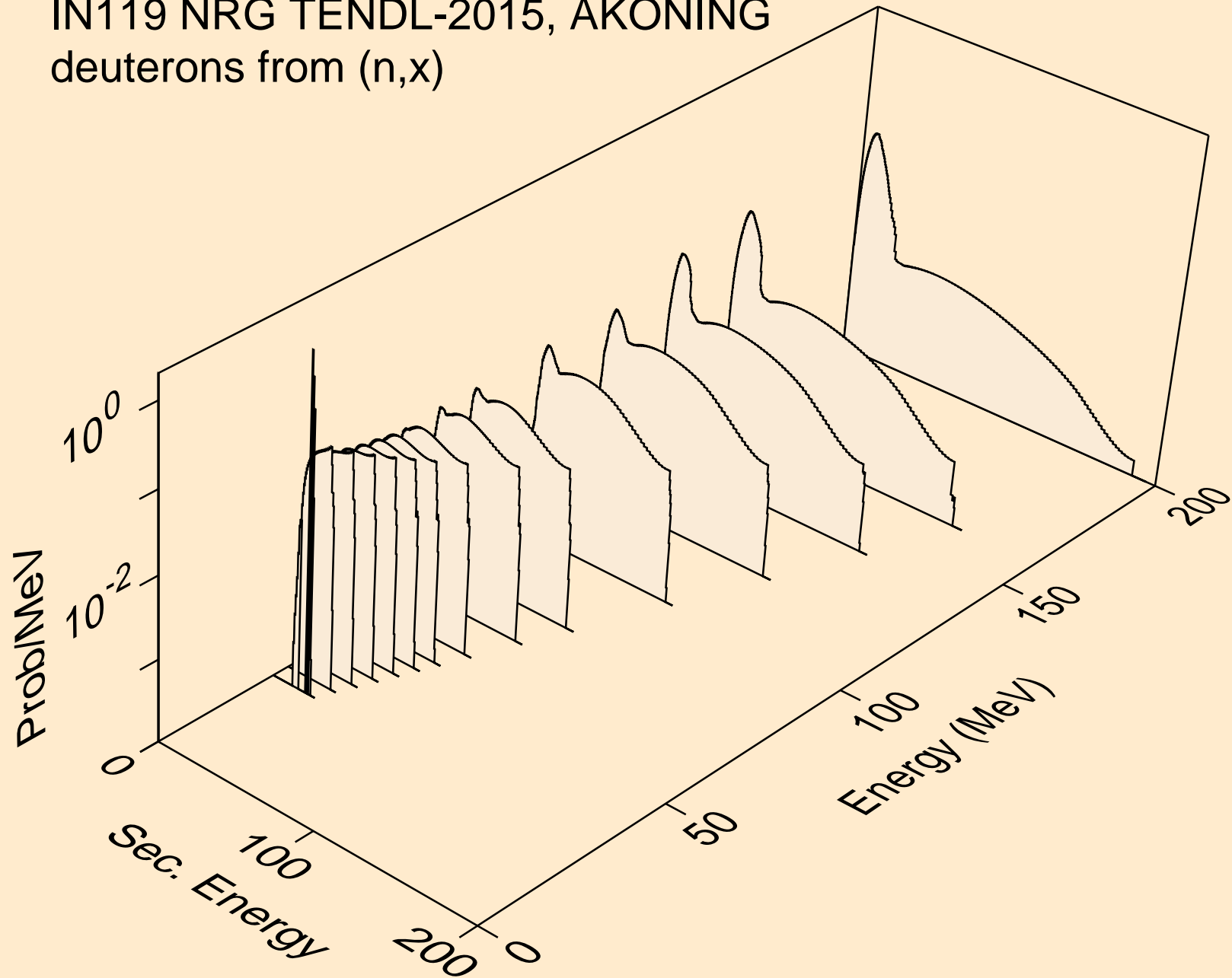
IN119 NRG TENDL-2015, AKONING  
protons from (n,2p)



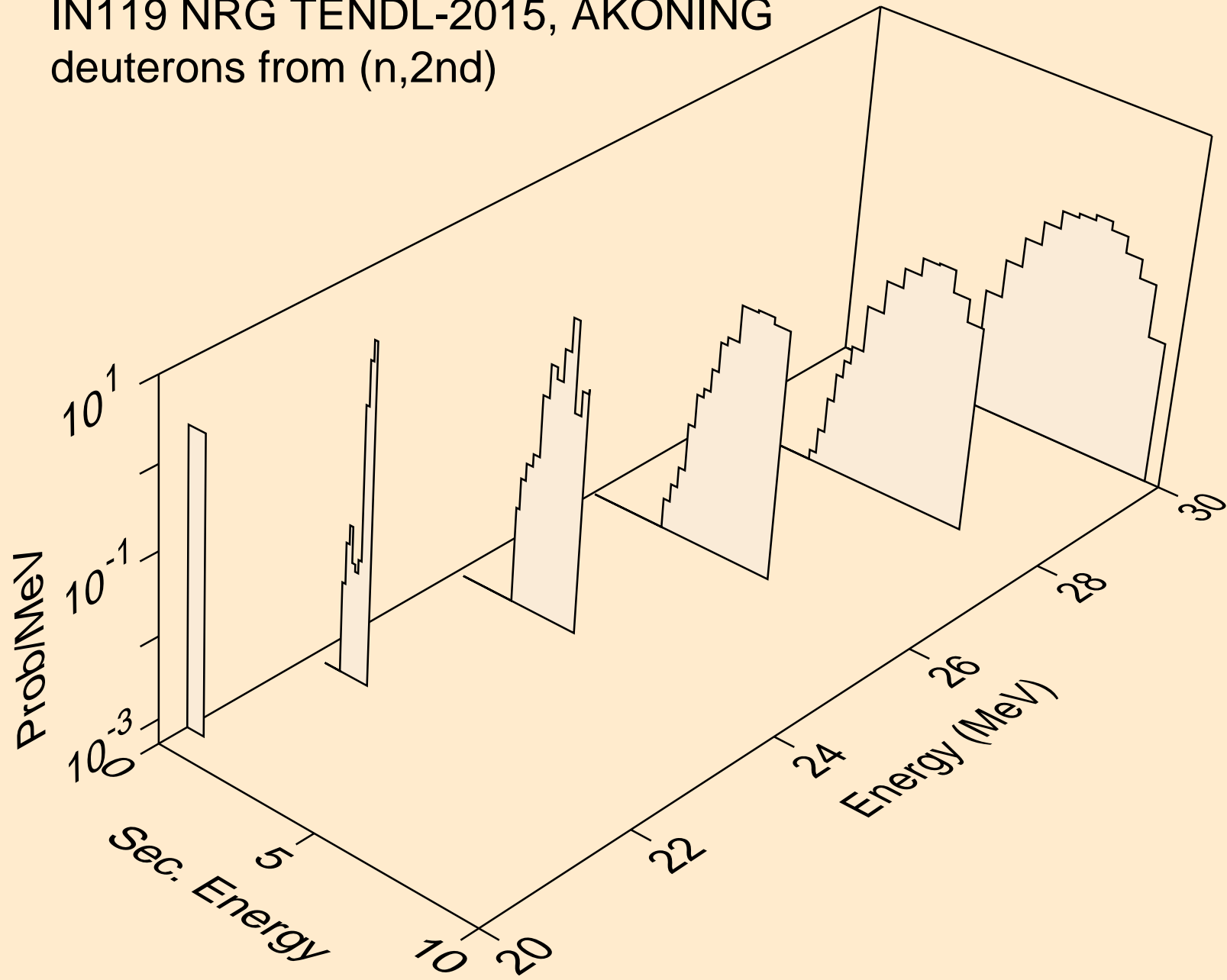
IN119 NRG TENDL-2015, AKONING  
protons from (n,pa)



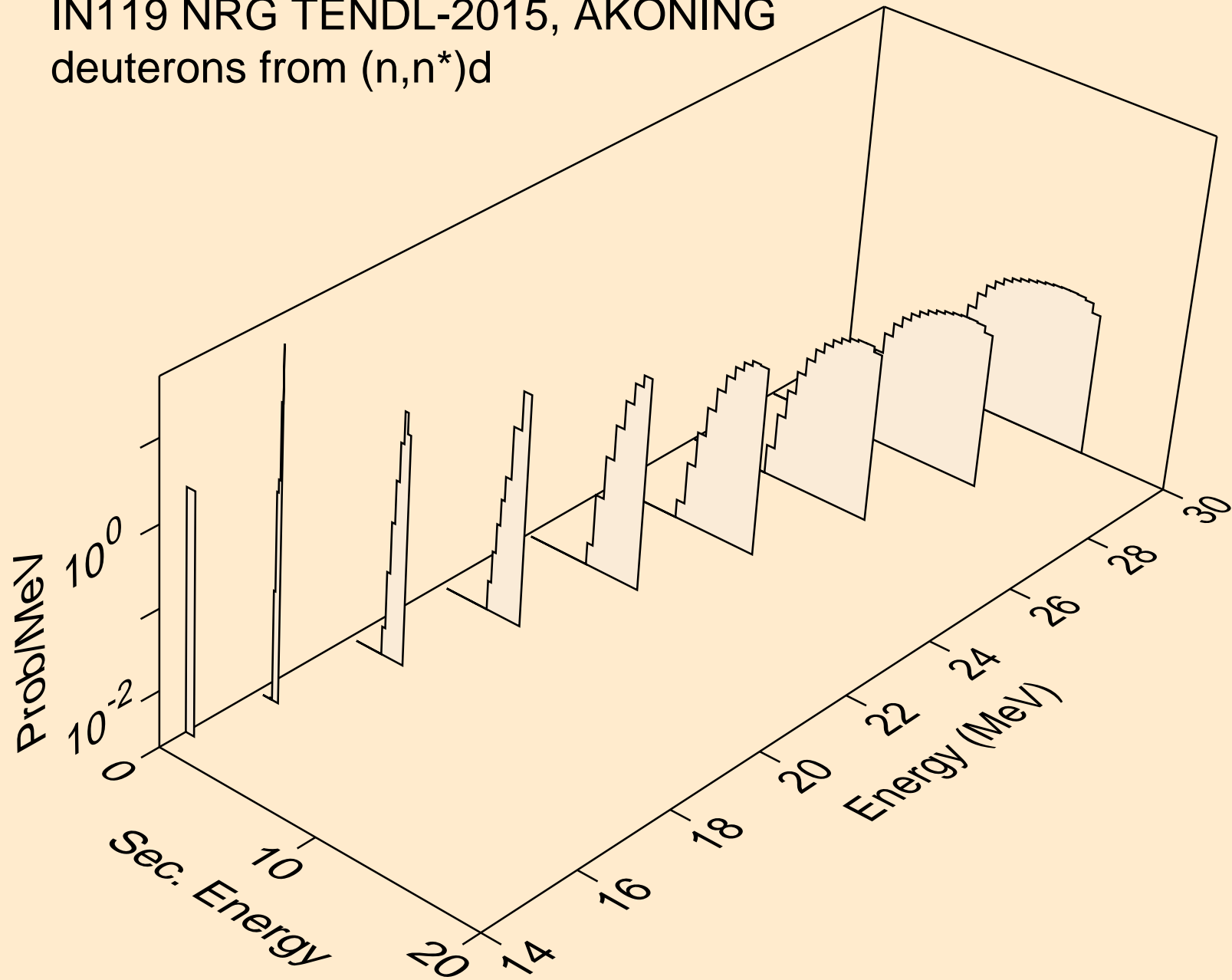
IN119 NRG TENDL-2015, AKONING  
deuterons from (n,x)



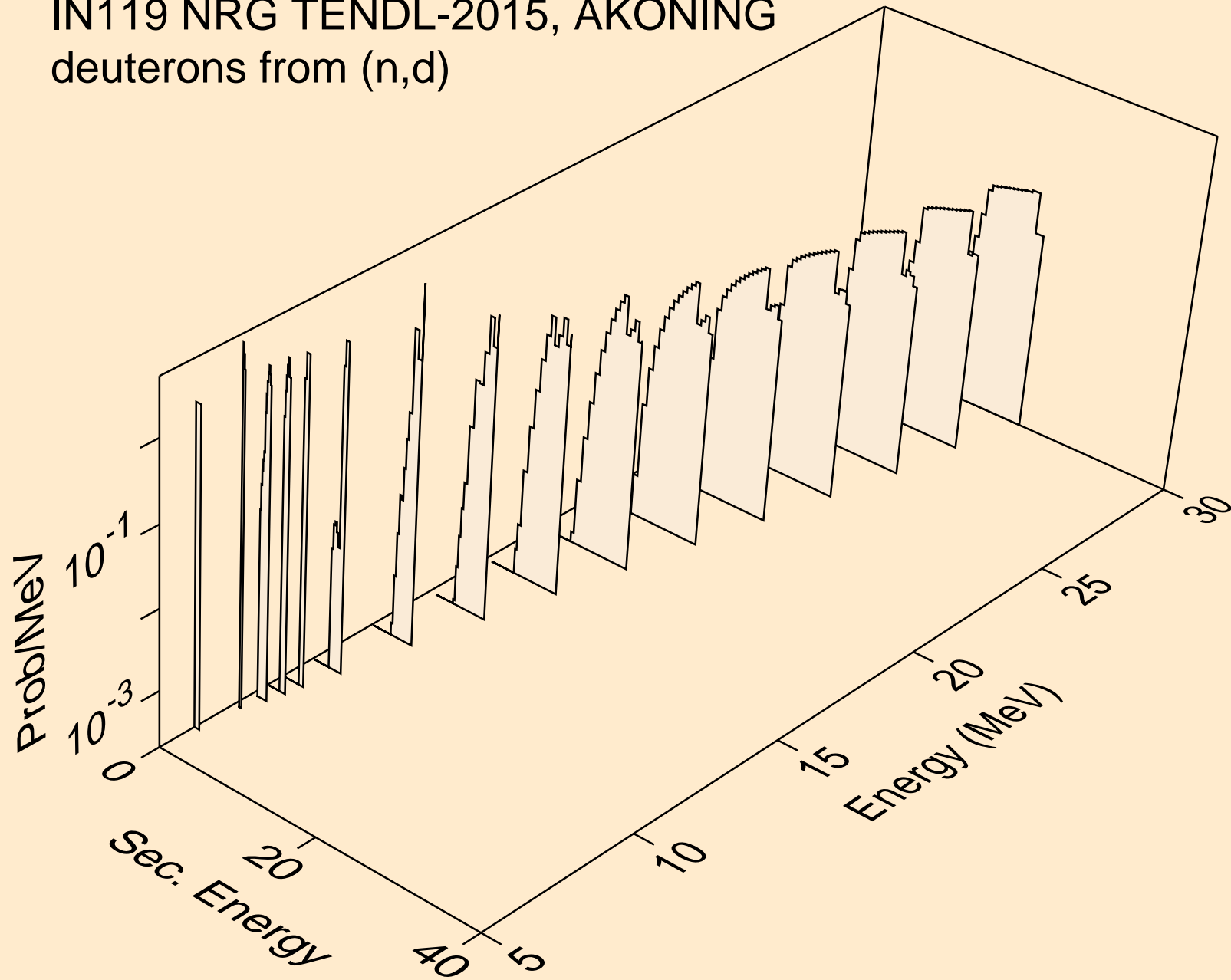
IN119 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



IN119 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

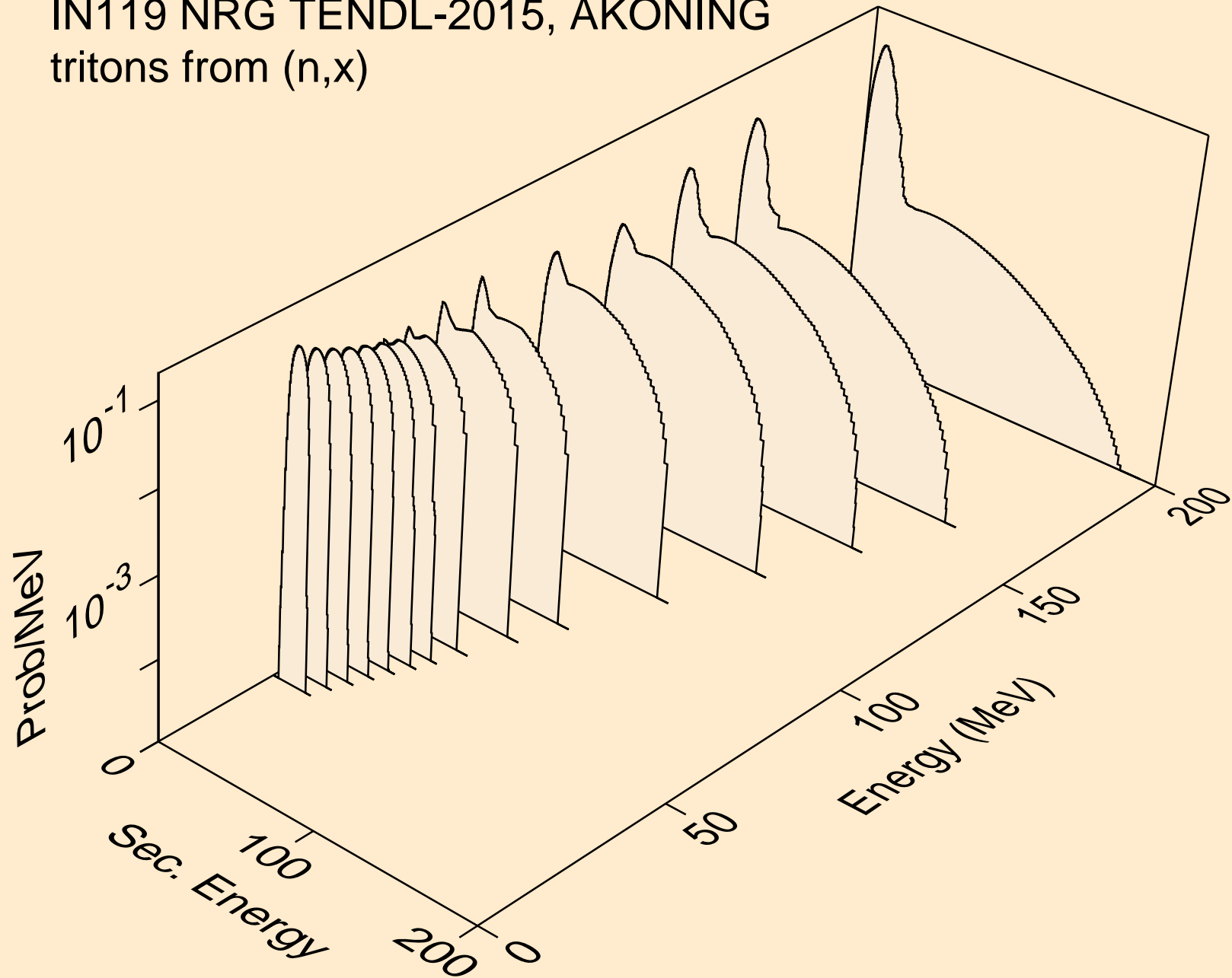


IN119 NRG TENDL-2015, AKONING  
deuterons from (n,d)

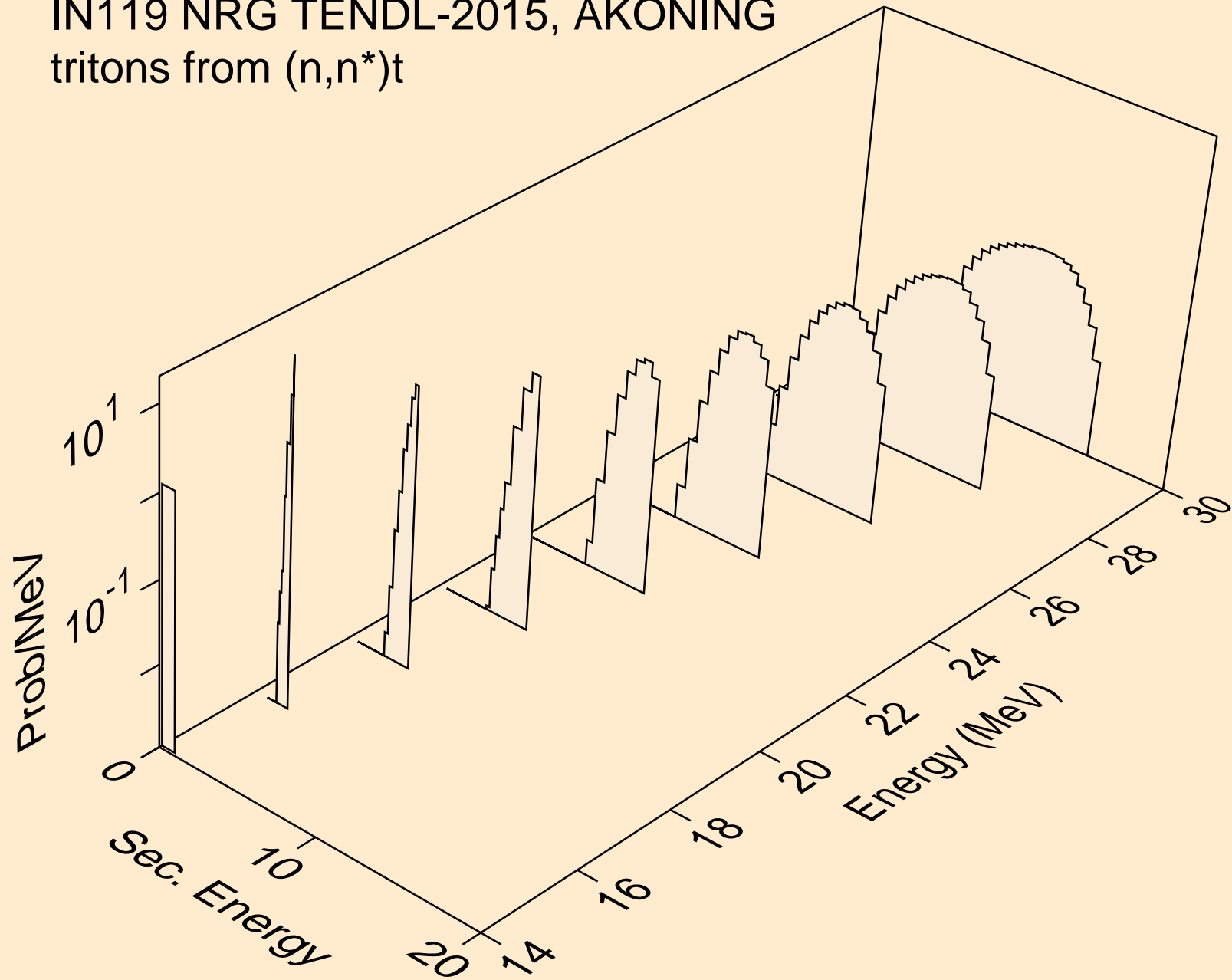




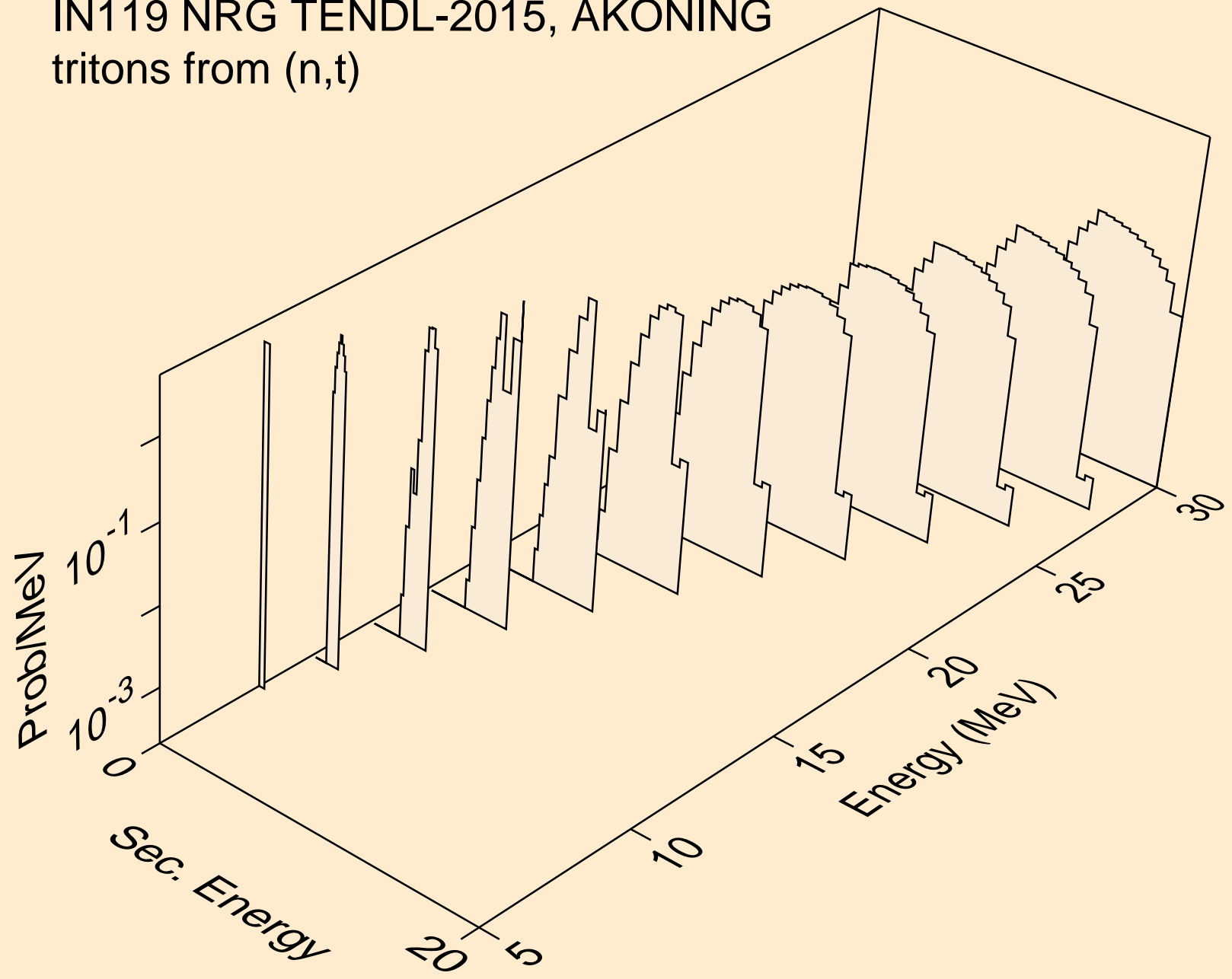
IN119 NRG TENDL-2015, AKONING  
tritons from (n,x)



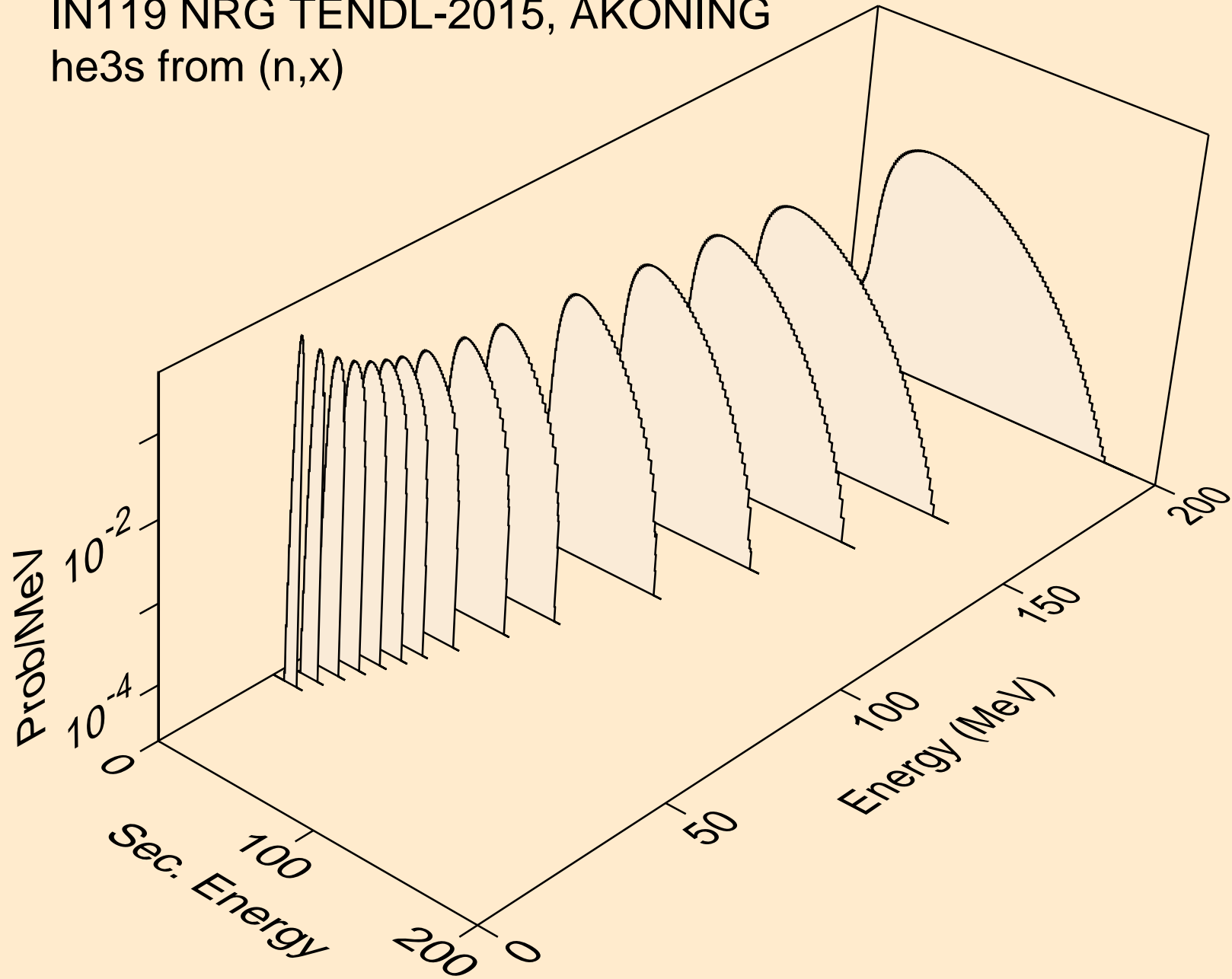
IN119 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



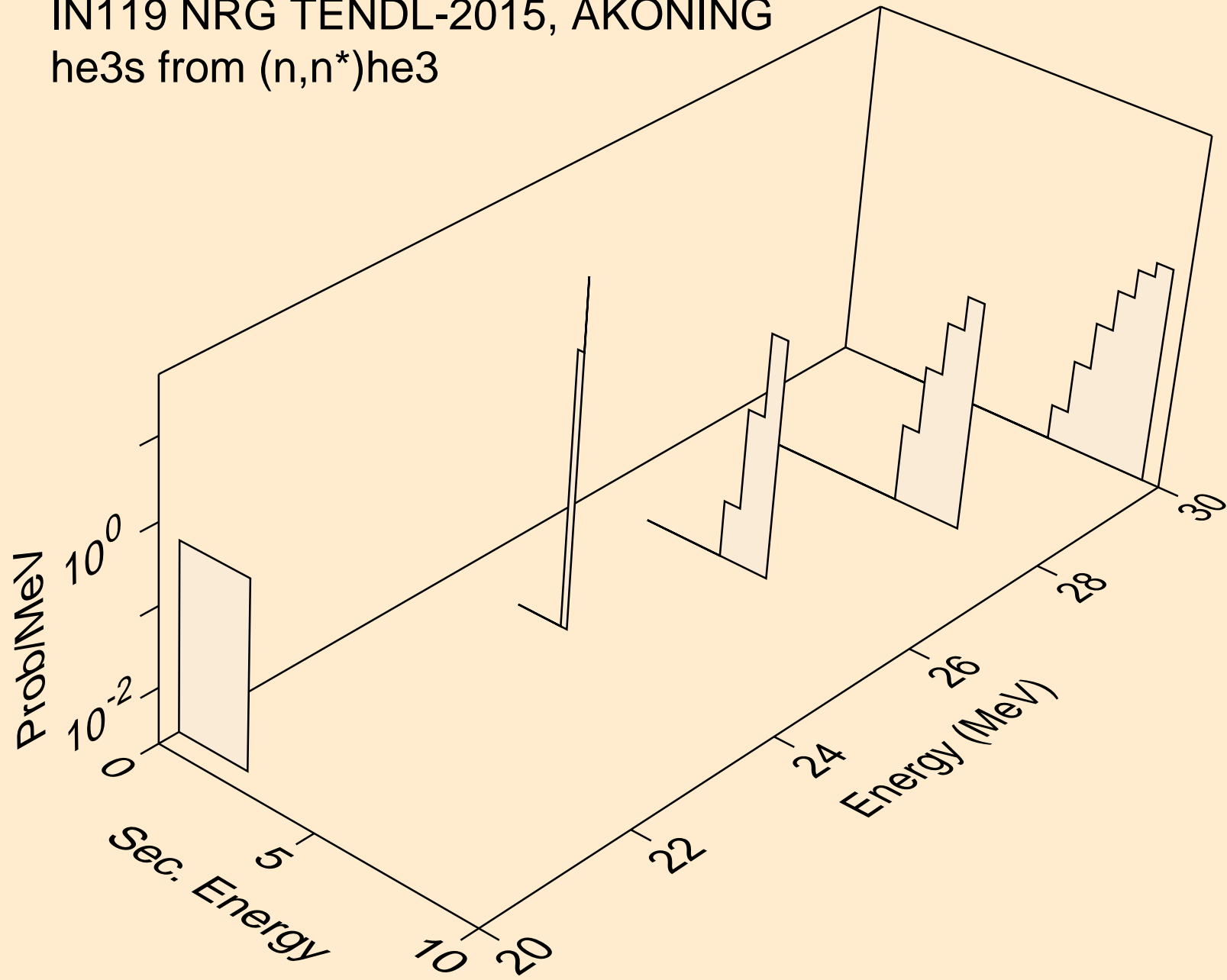
IN119 NRG TENDL-2015, AKONING  
tritons from (n,t)



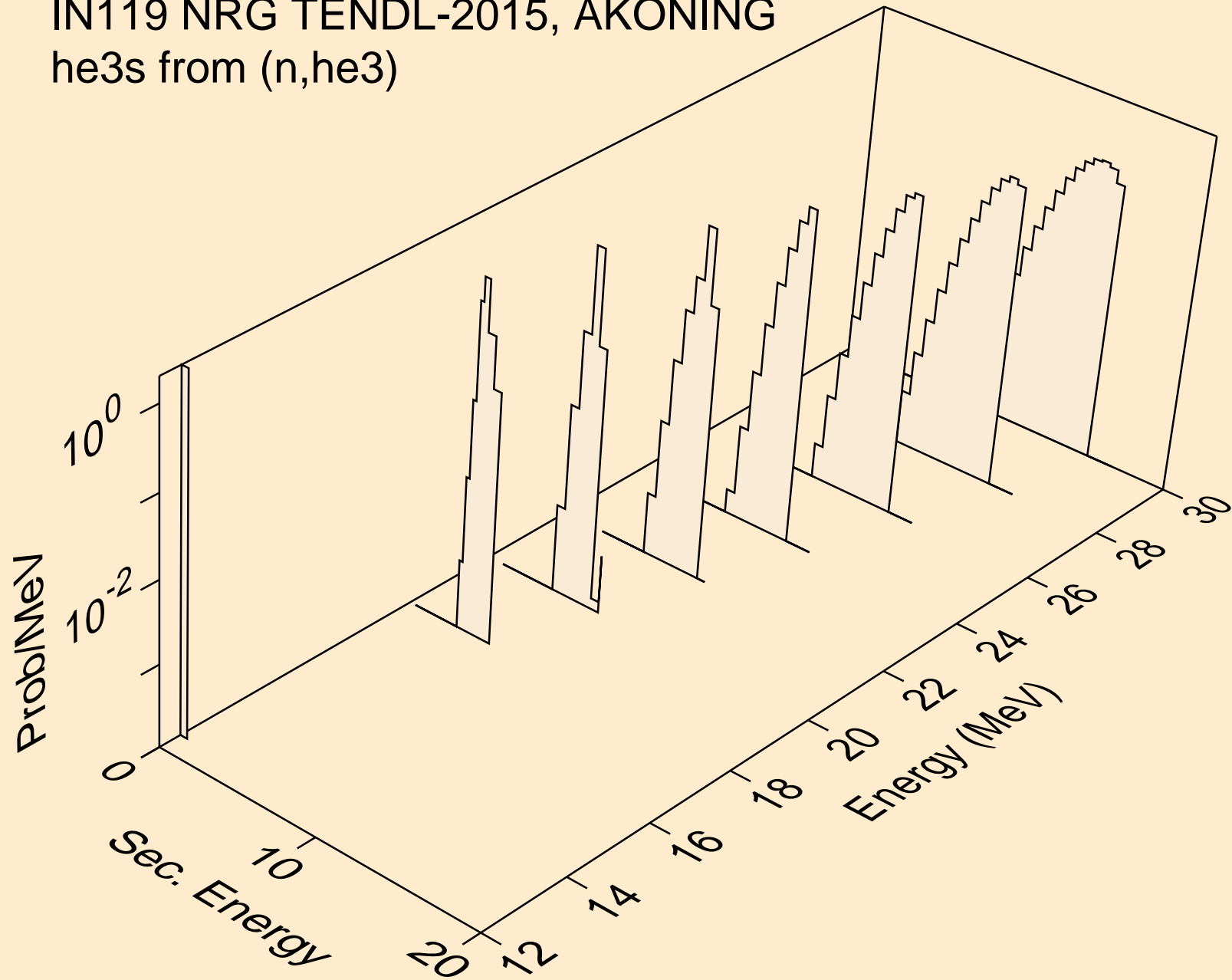
IN119 NRG TENDL-2015, AKONING  
he3s from (n,x)



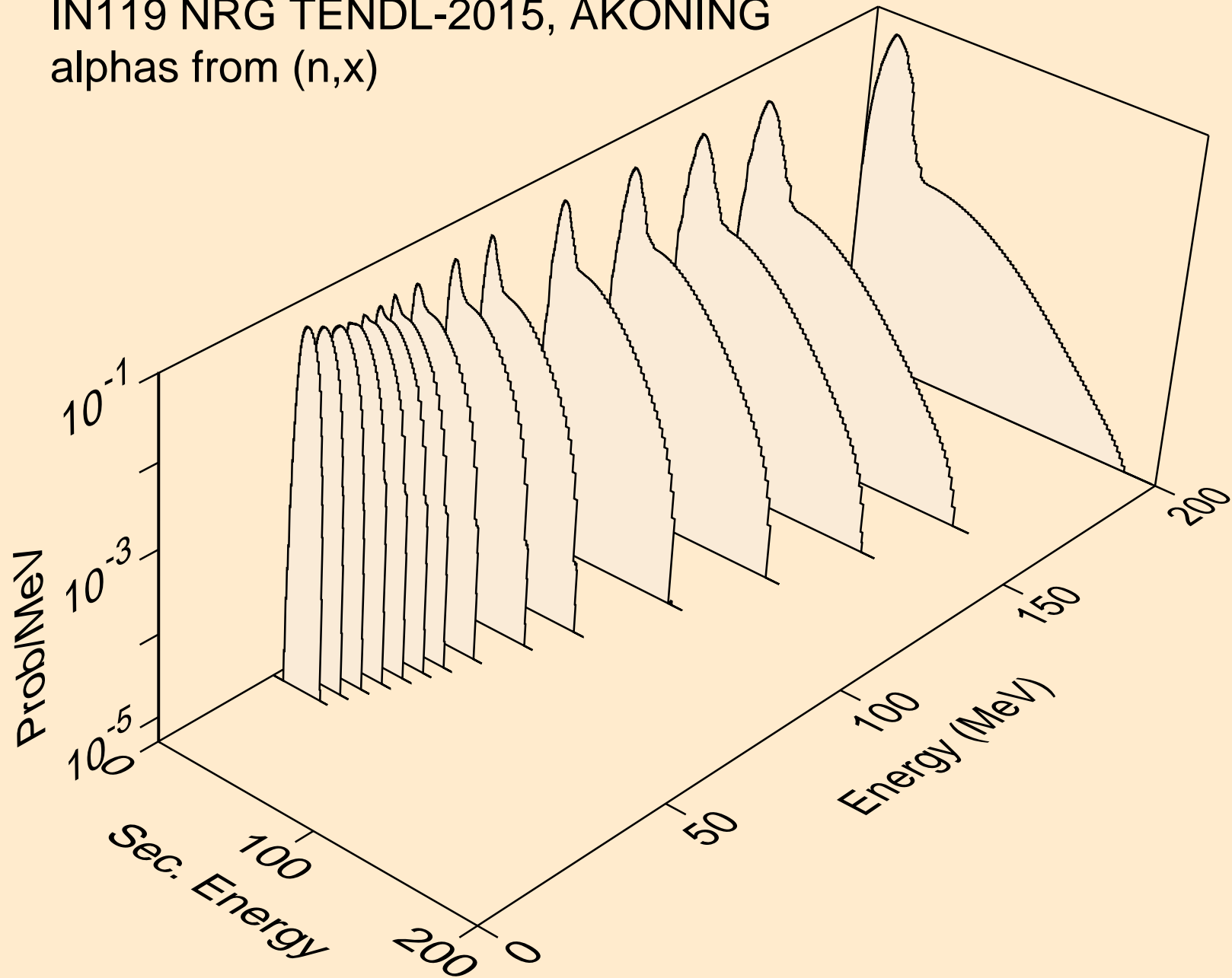
IN119 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



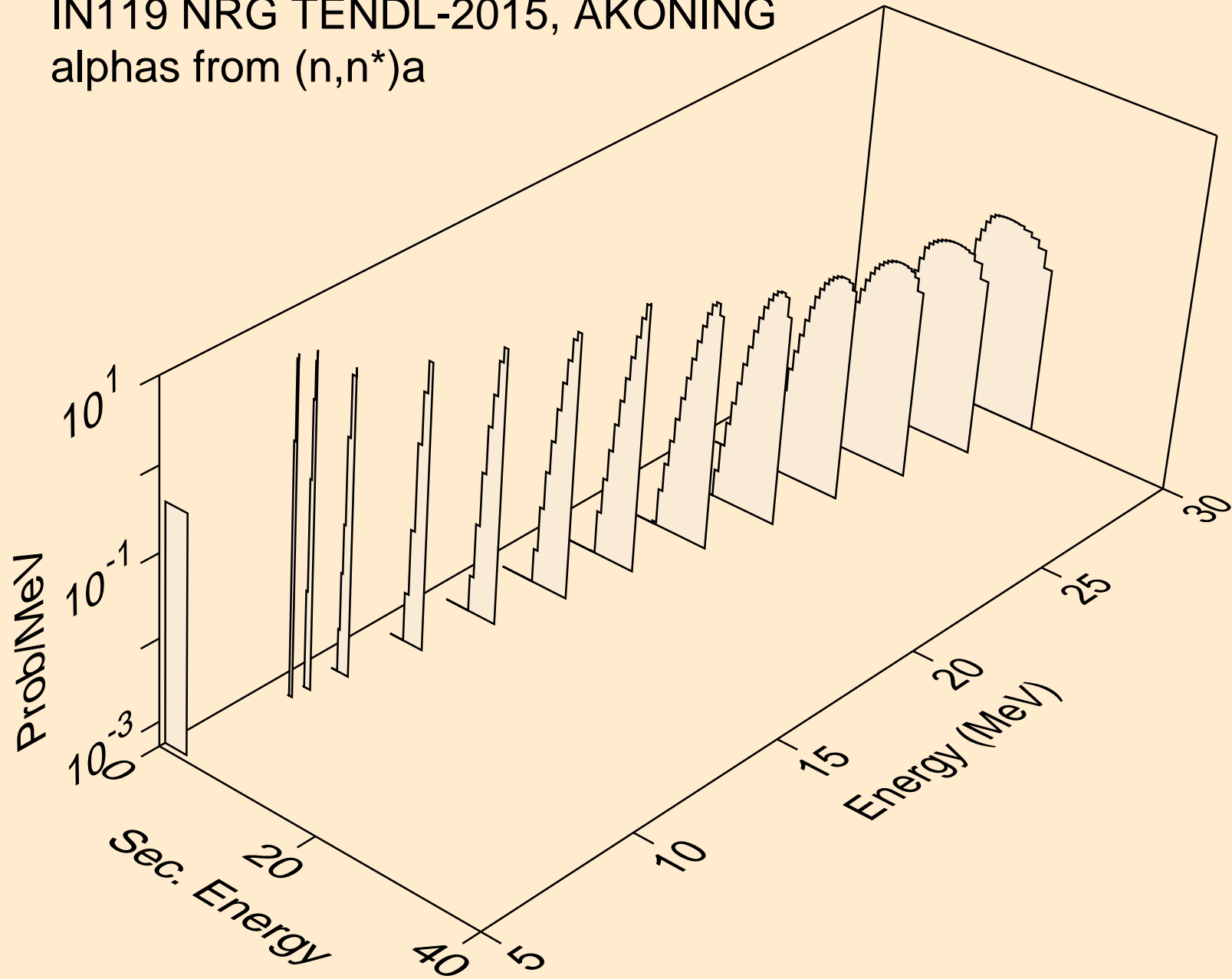
IN119 NRG TENDL-2015, AKONING  
he3s from (n,he3)



IN119 NRG TENDL-2015, AKONING  
alphas from (n,x)

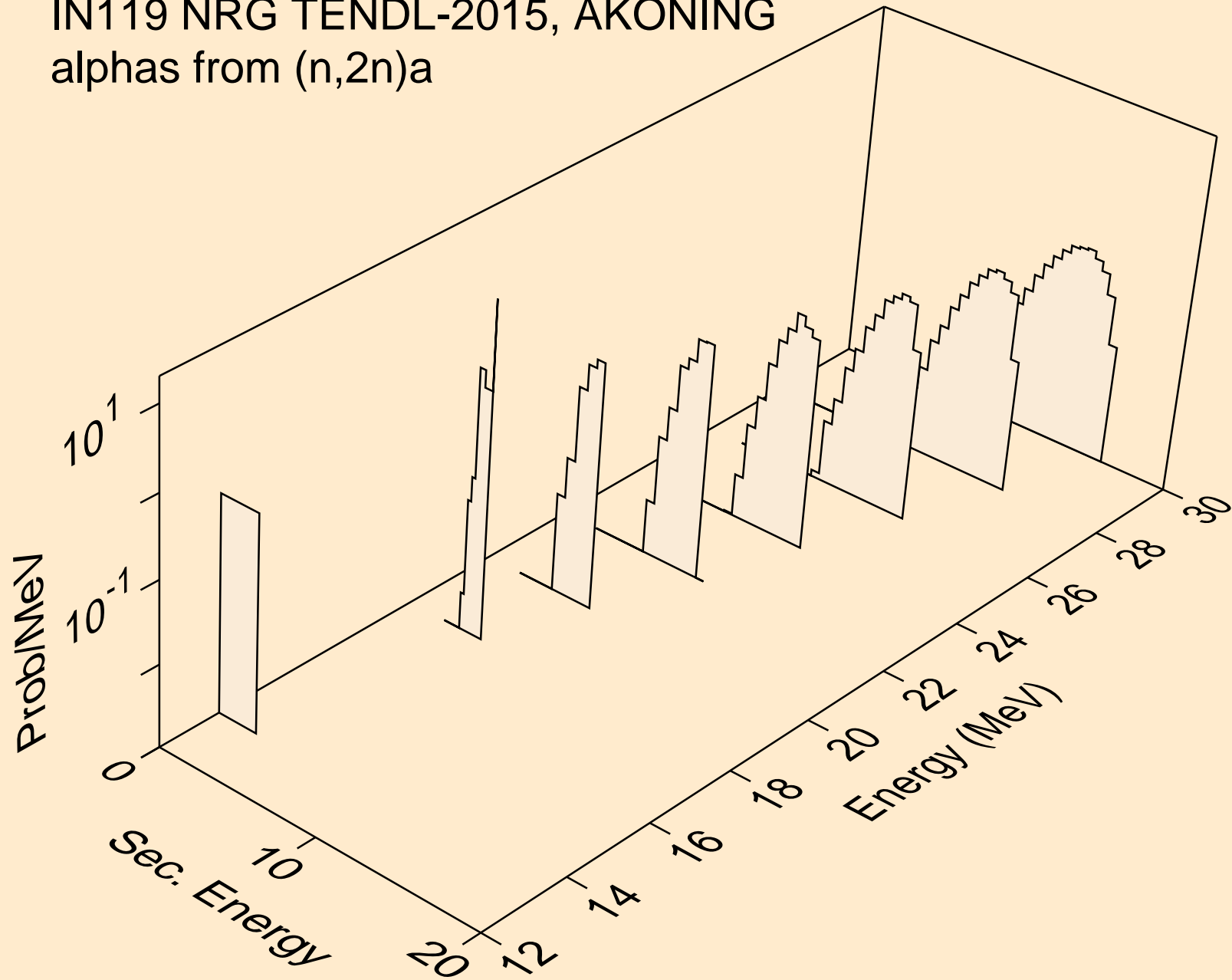


IN119 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

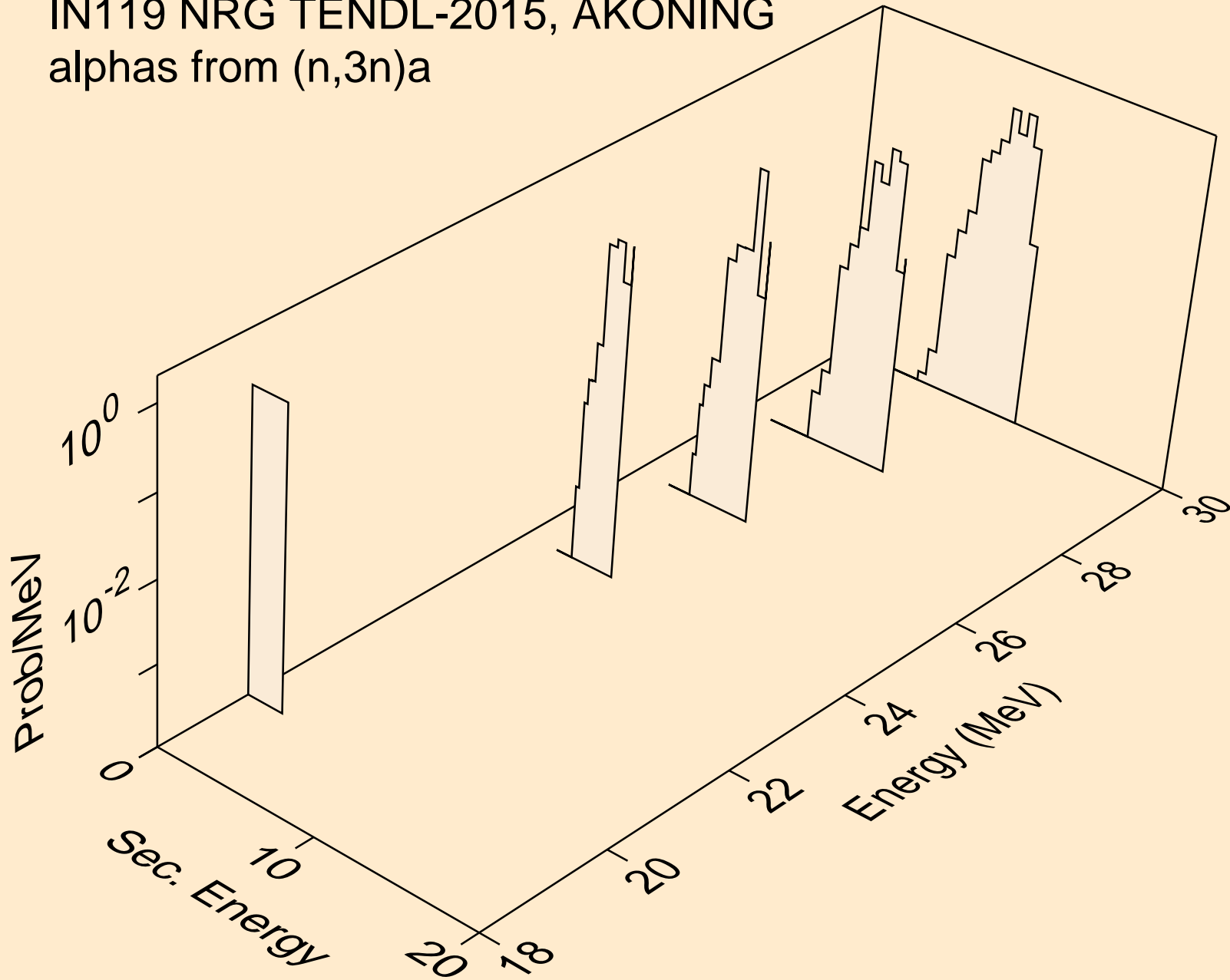




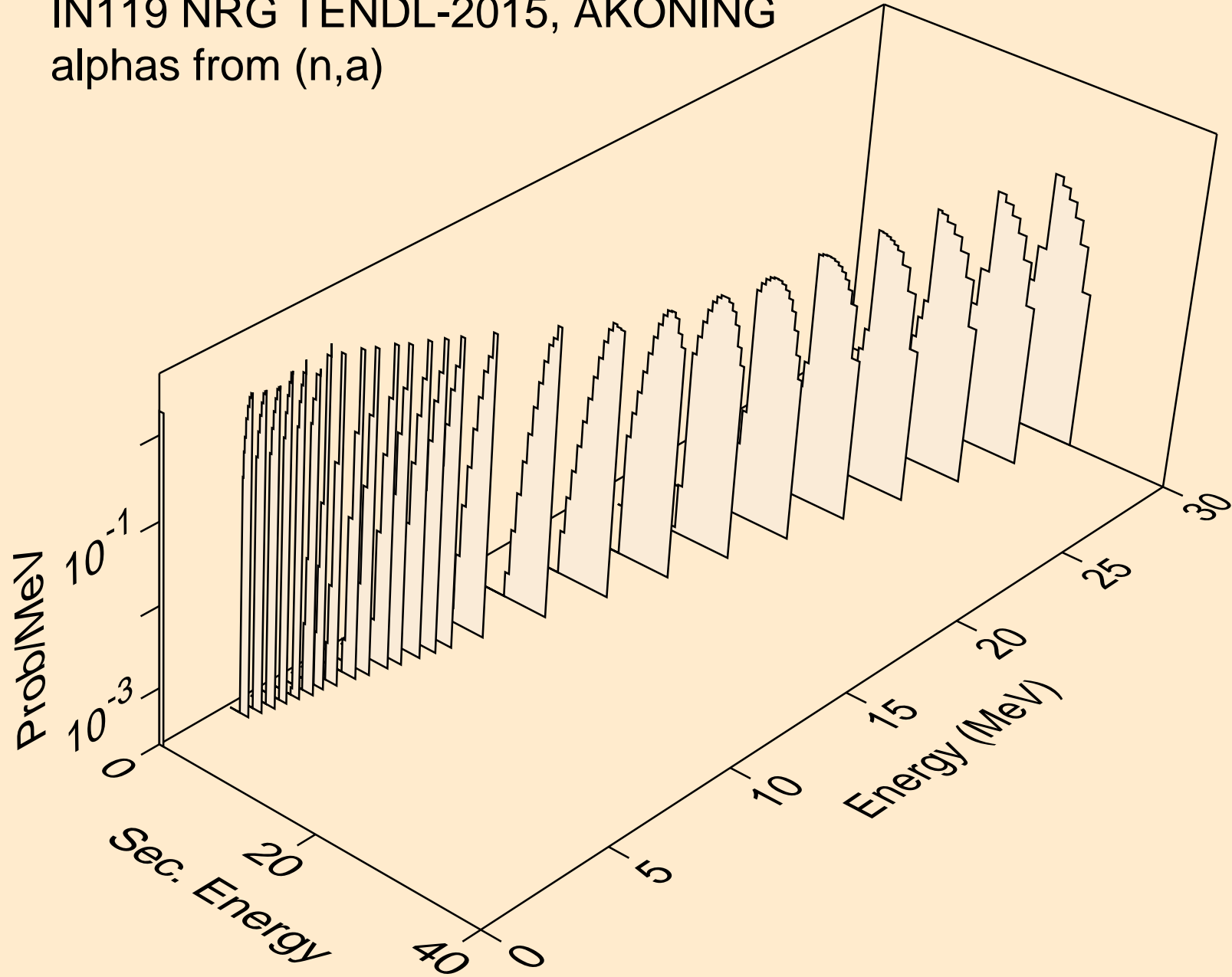
IN119 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



IN119 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



IN119 NRG TENDL-2015, AKONING  
alphas from (n,a)



IN119 NRG TENDL-2015, AKONING  
alphas from (n,pa)

