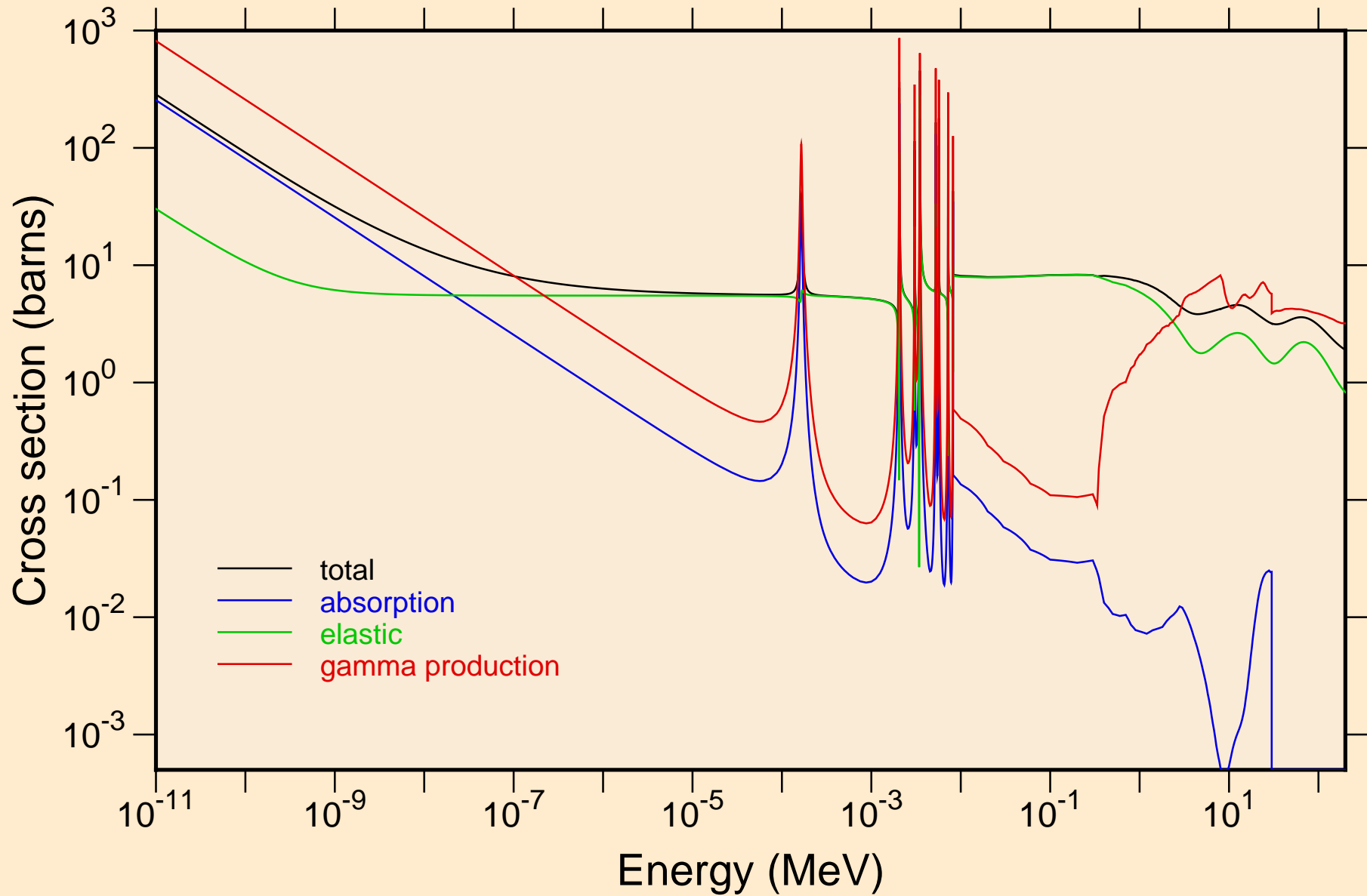
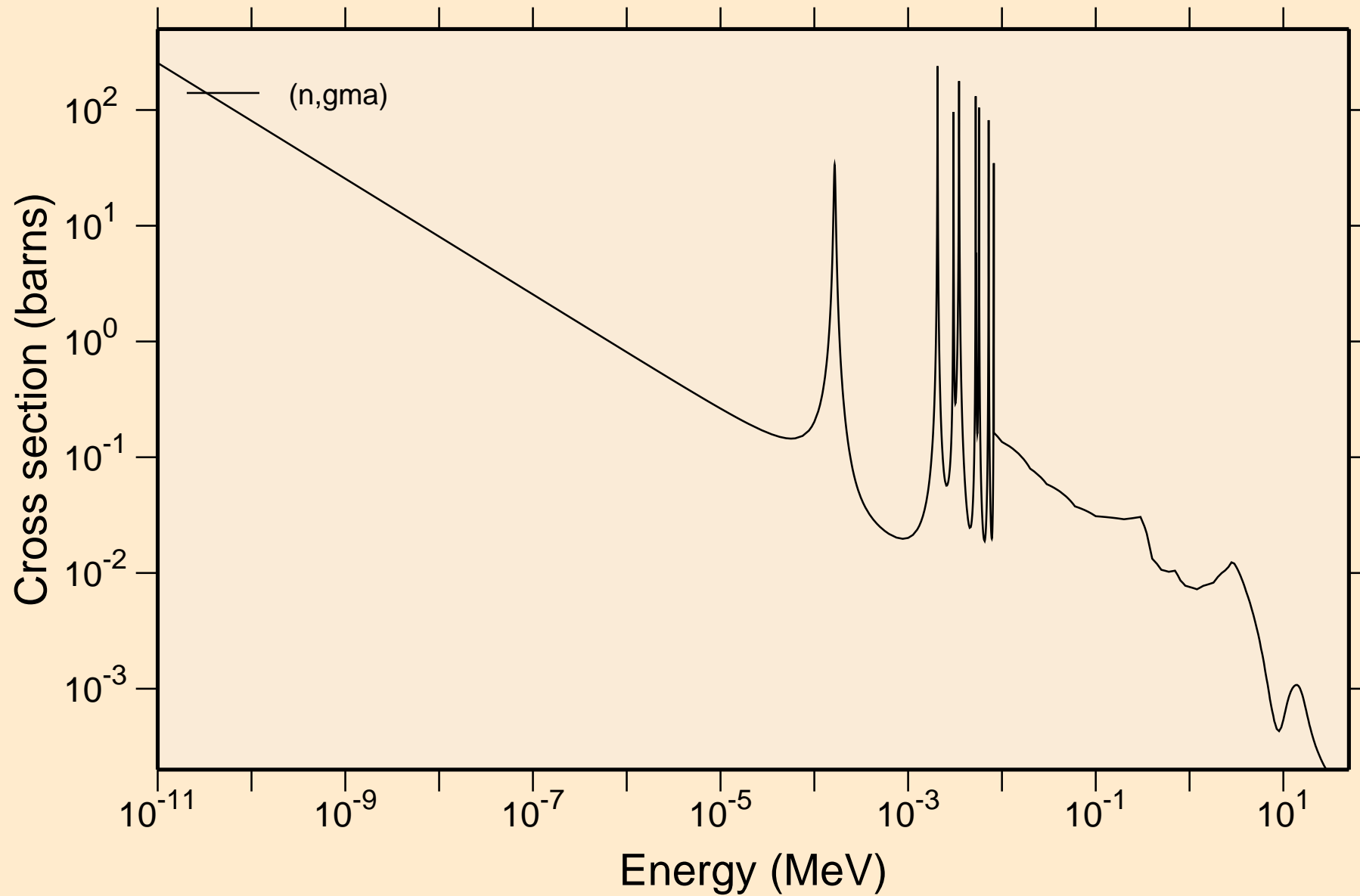


# PD114 NRG TENDL-2015, AKONING

## Principal cross sections

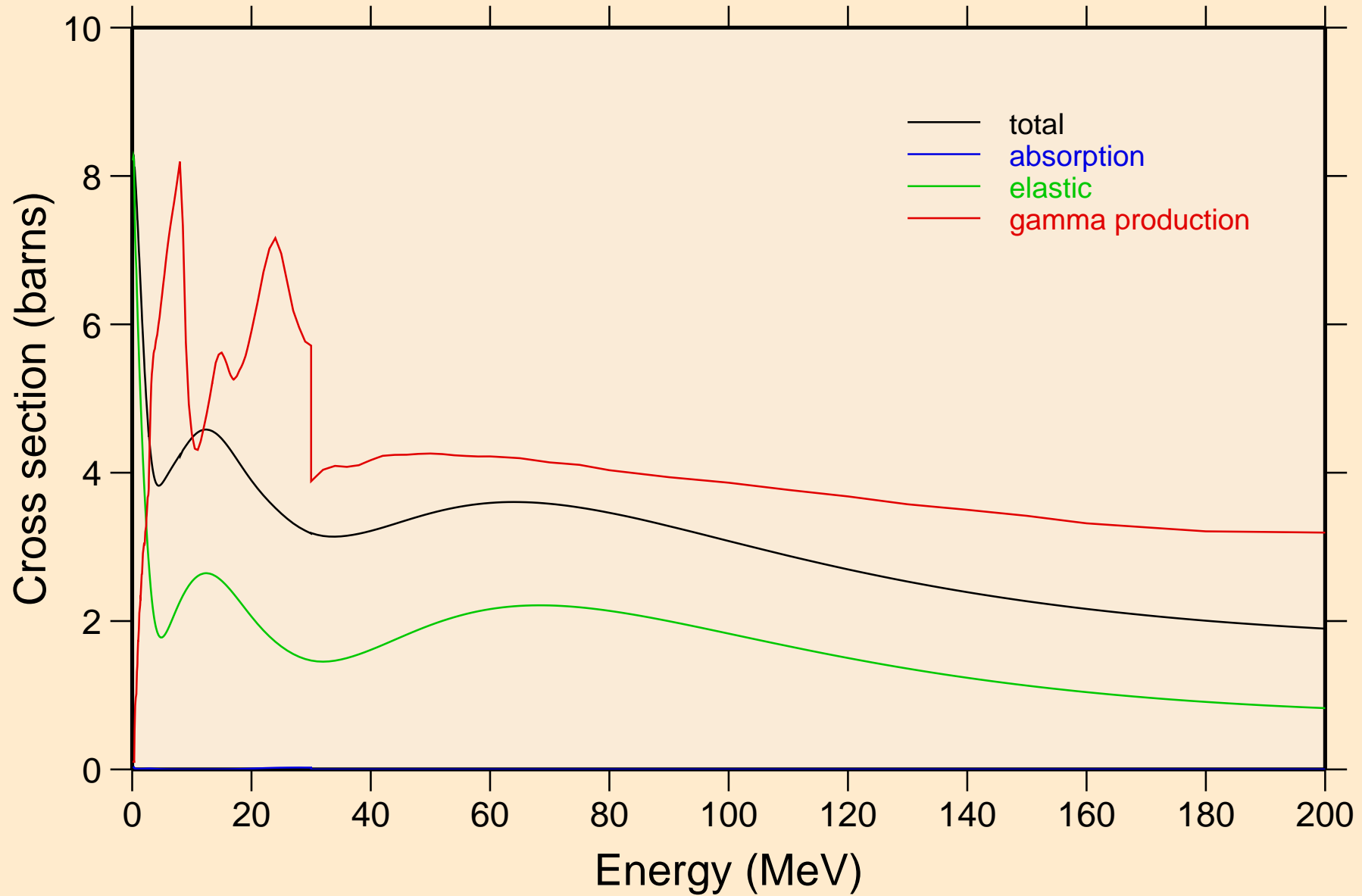


PD114 NRG TENDL-2015, AKONING  
Non-threshold reactions

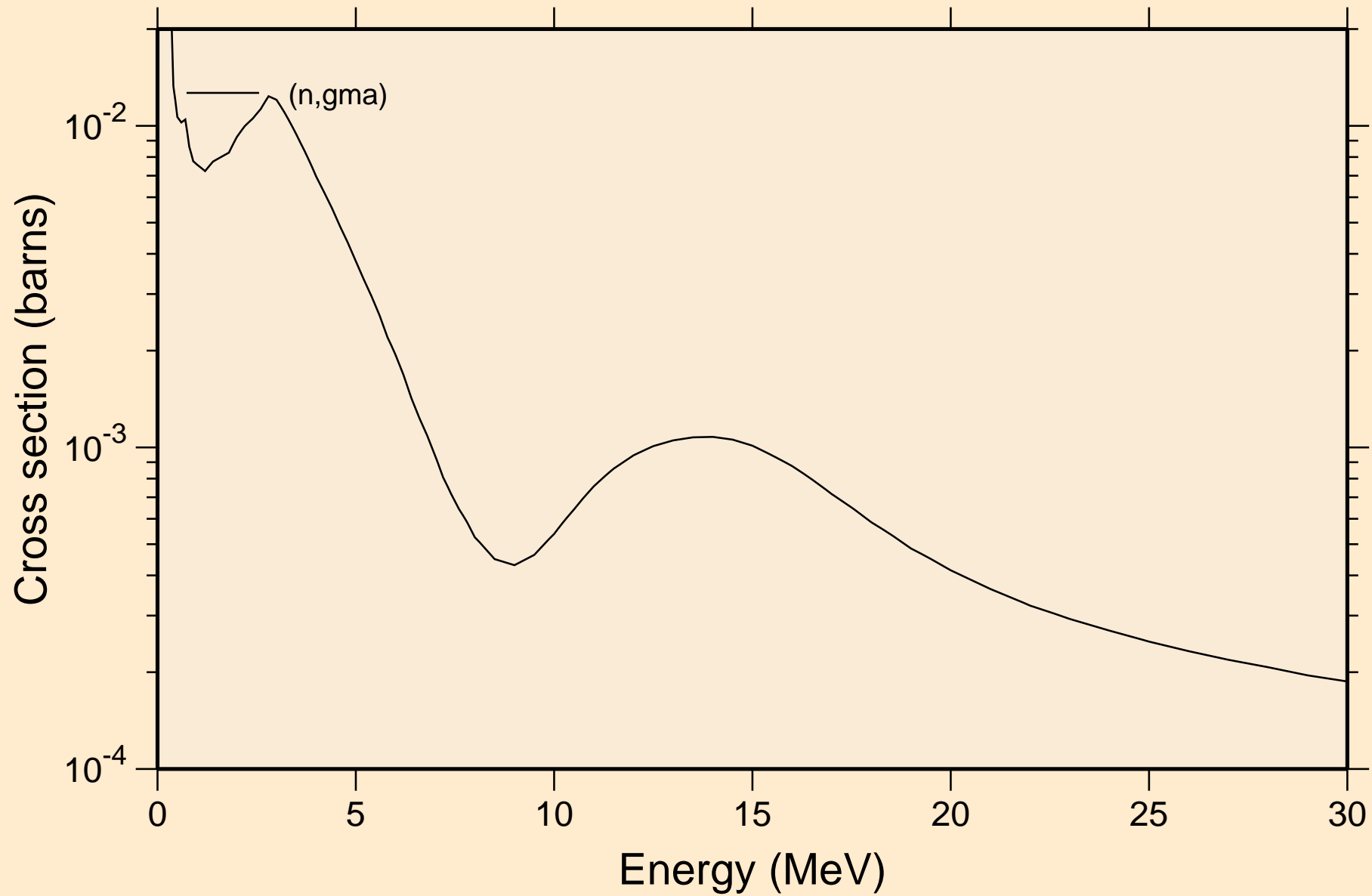


# PD114 NRG TENDL-2015, AKONING

## Principal cross sections

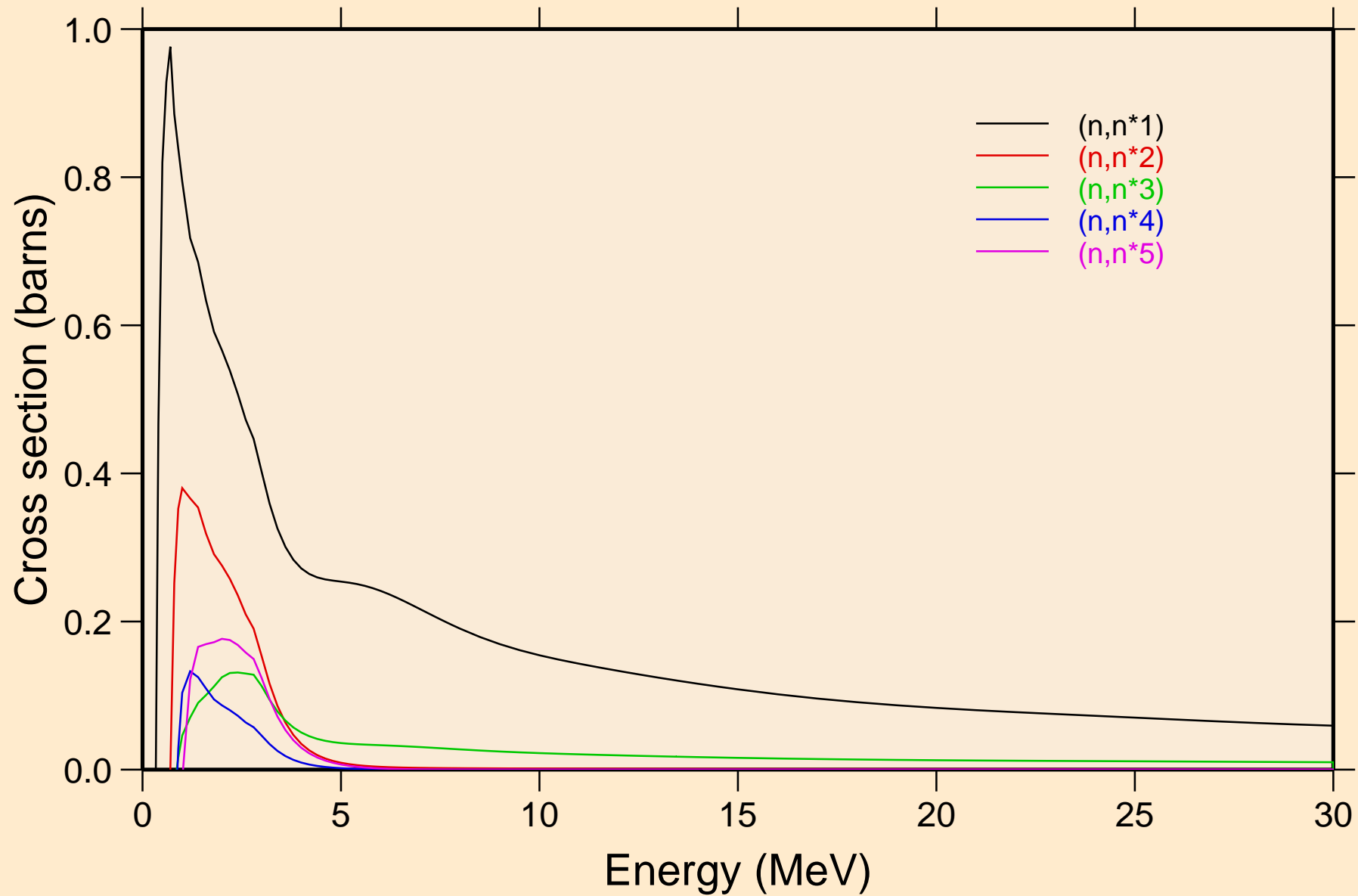


PD114 NRG TENDL-2015, AKONING  
Non-threshold reactions



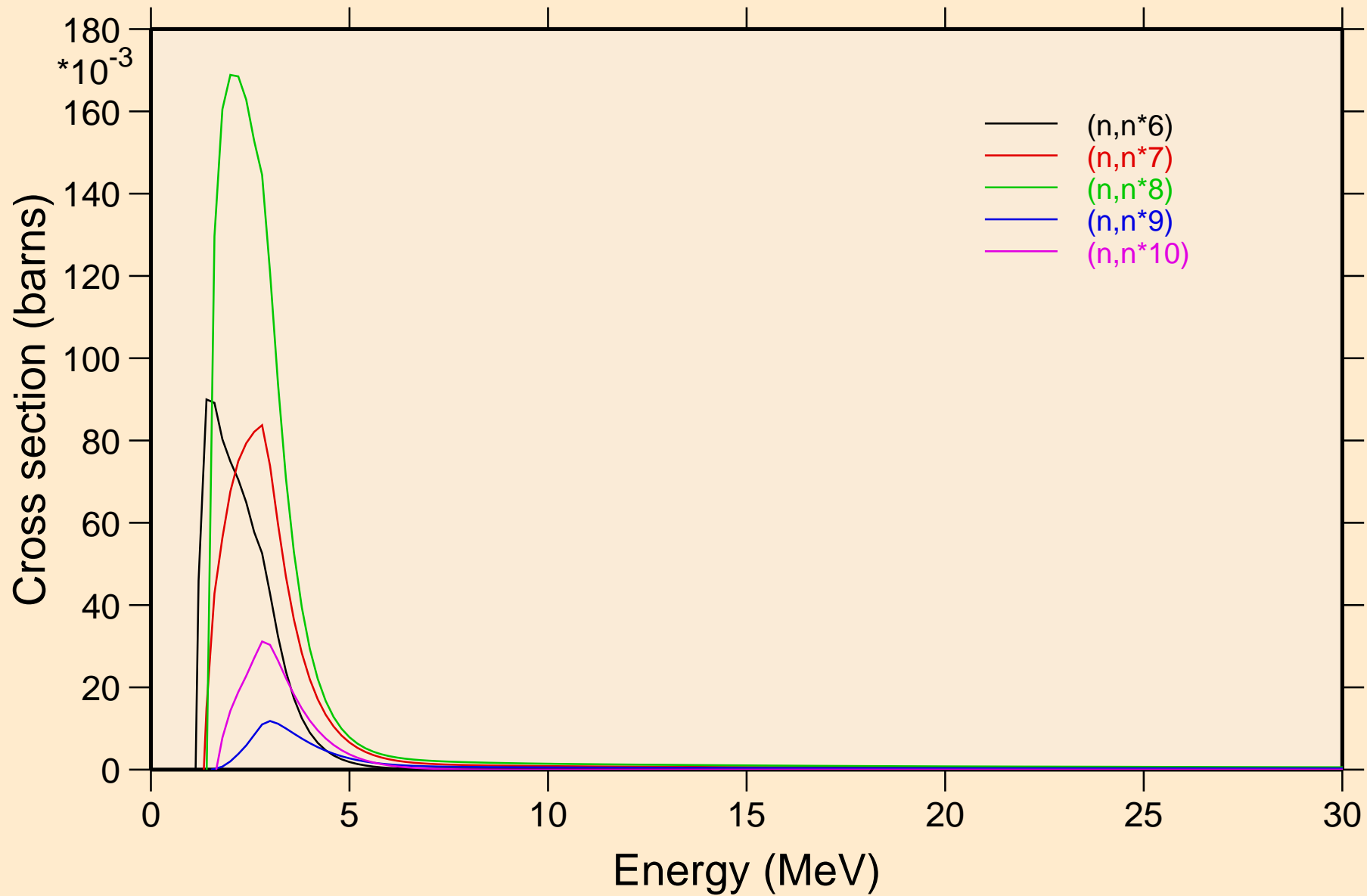
# PD114 NRG TENDL-2015, AKONING

## Inelastic levels



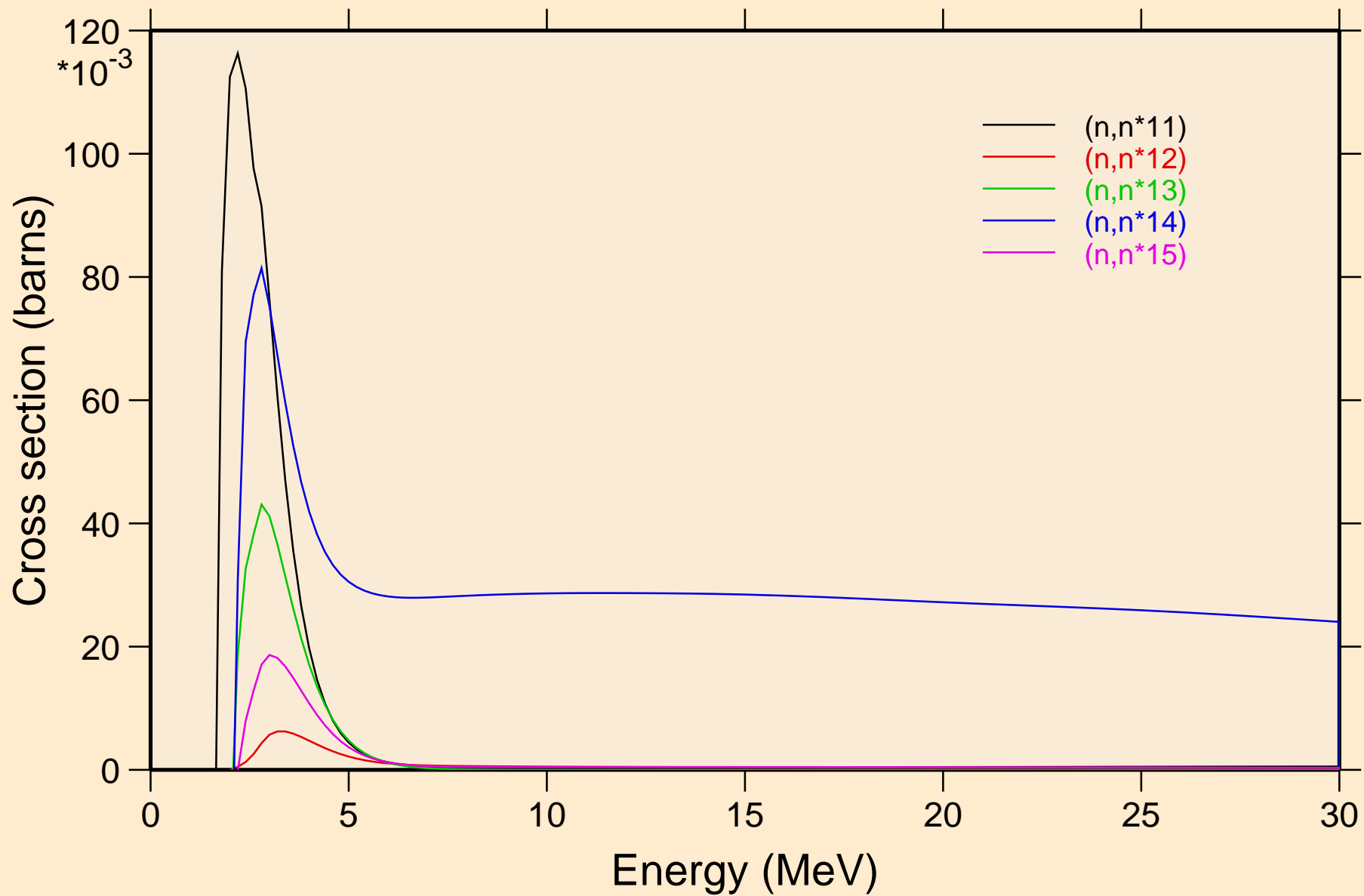
# PD114 NRG TENDL-2015, AKONING

## Inelastic levels



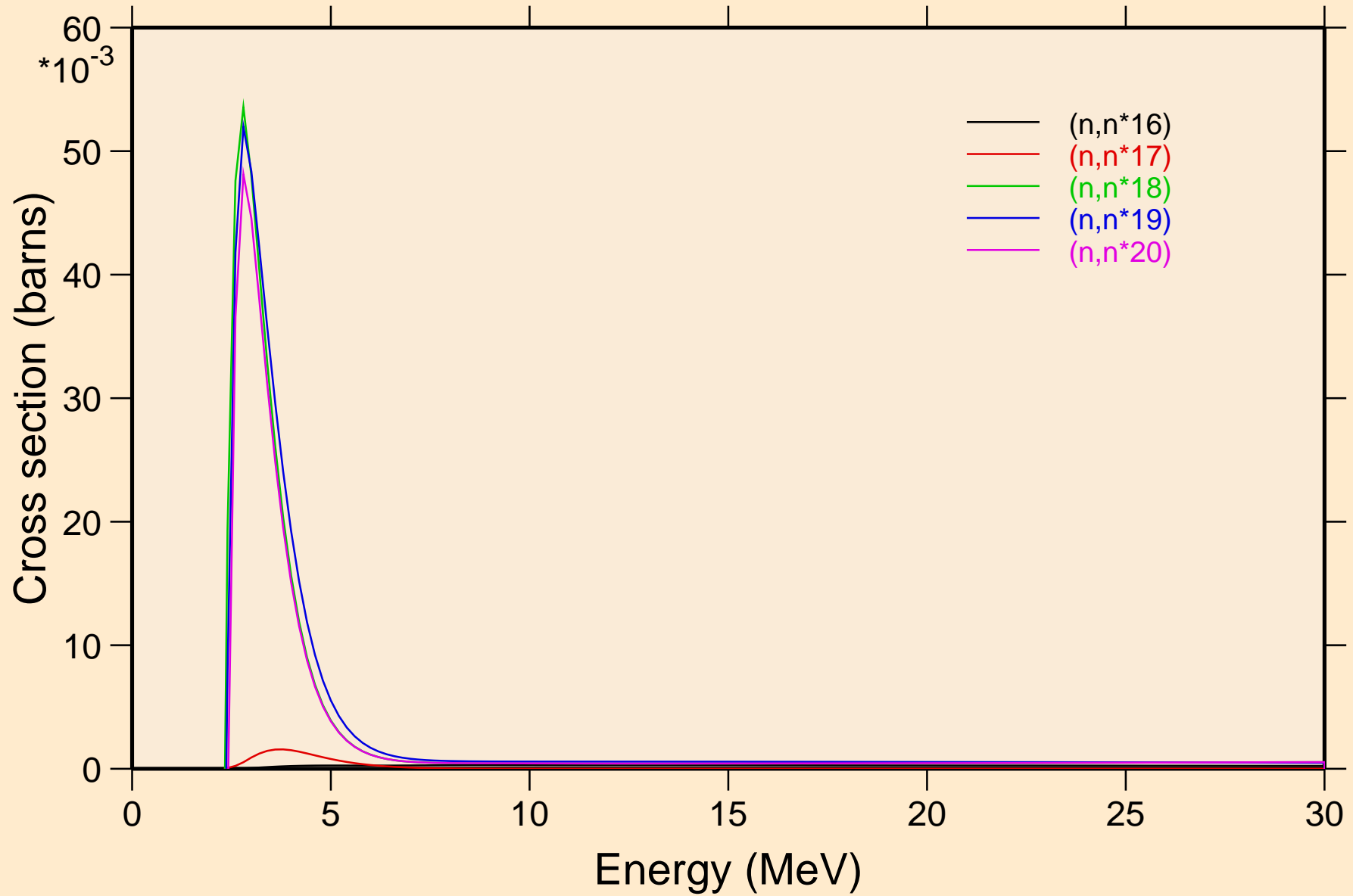
# PD114 NRG TENDL-2015, AKONING

## Inelastic levels



# PD114 NRG TENDL-2015, AKONING

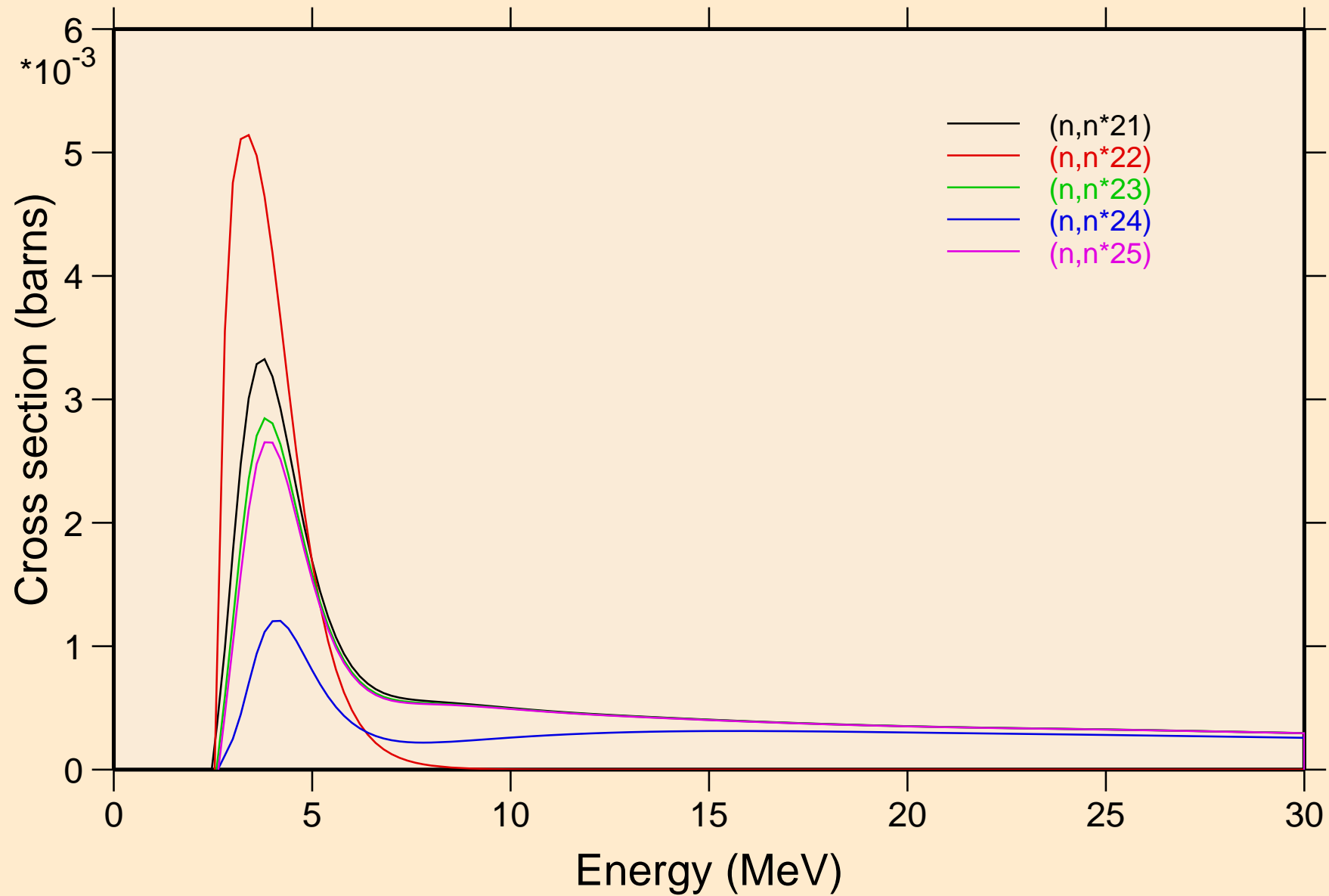
## Inelastic levels





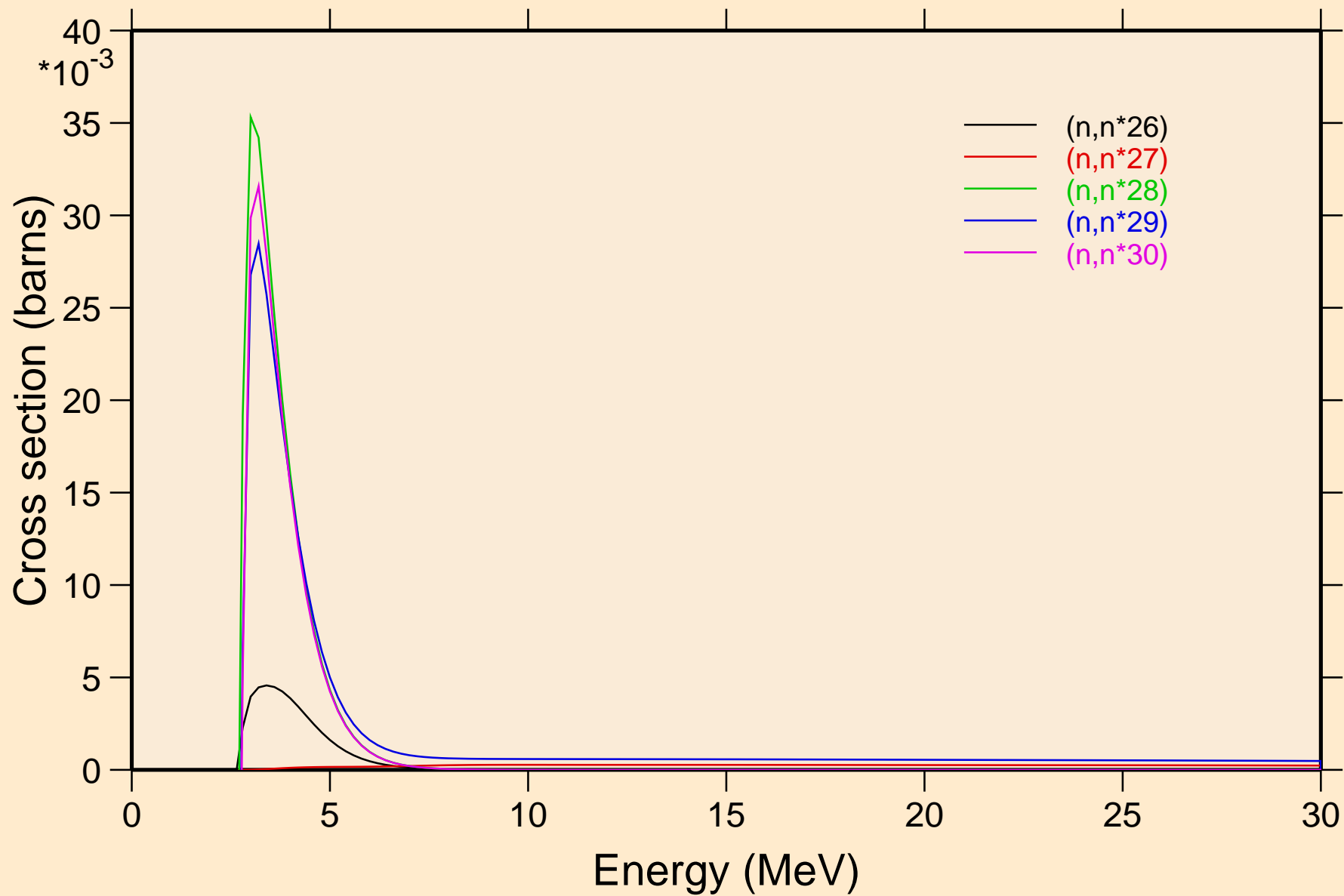
# PD114 NRG TENDL-2015, AKONING

## Inelastic levels



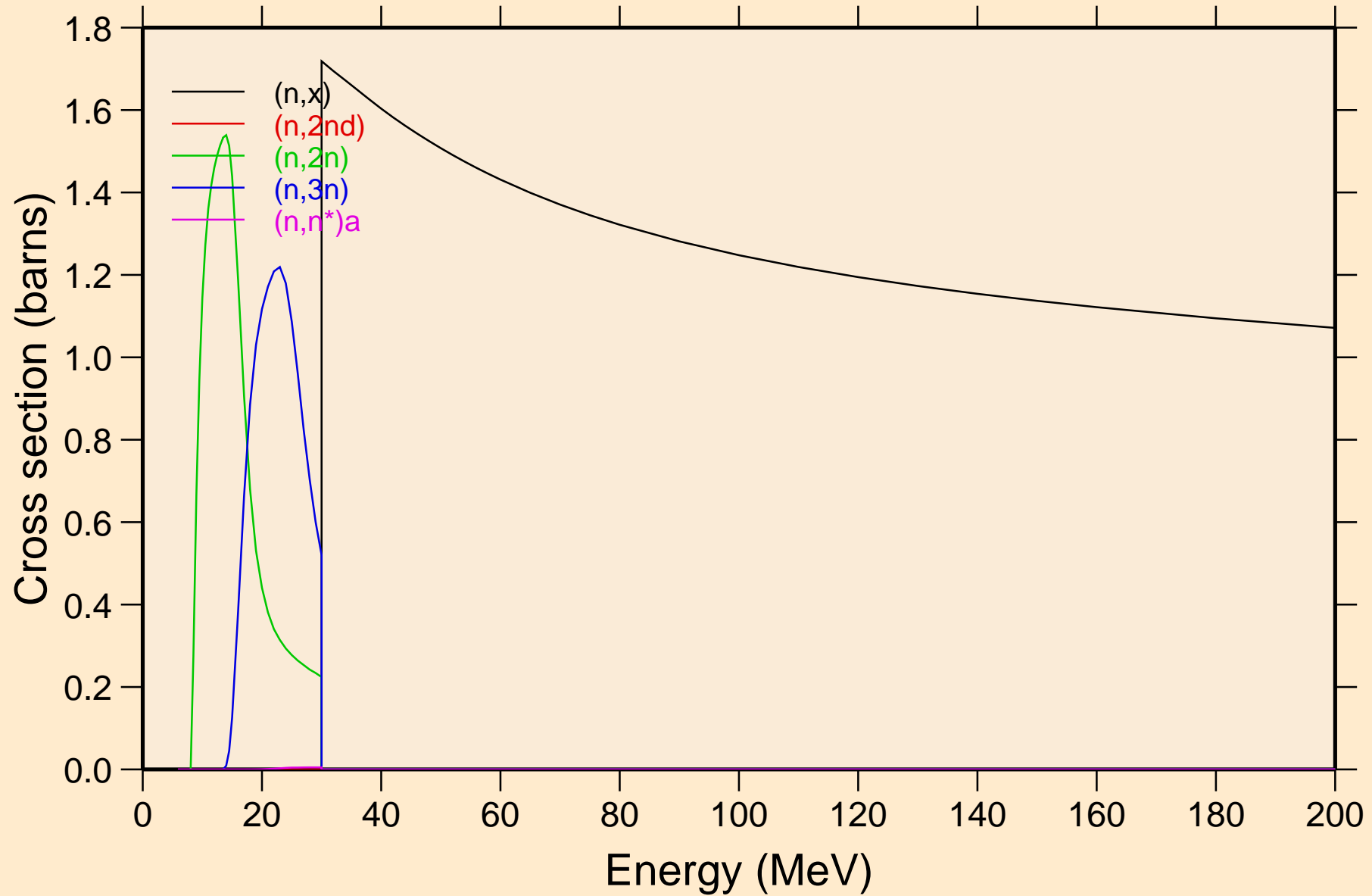
# PD114 NRG TENDL-2015, AKONING

## Inelastic levels



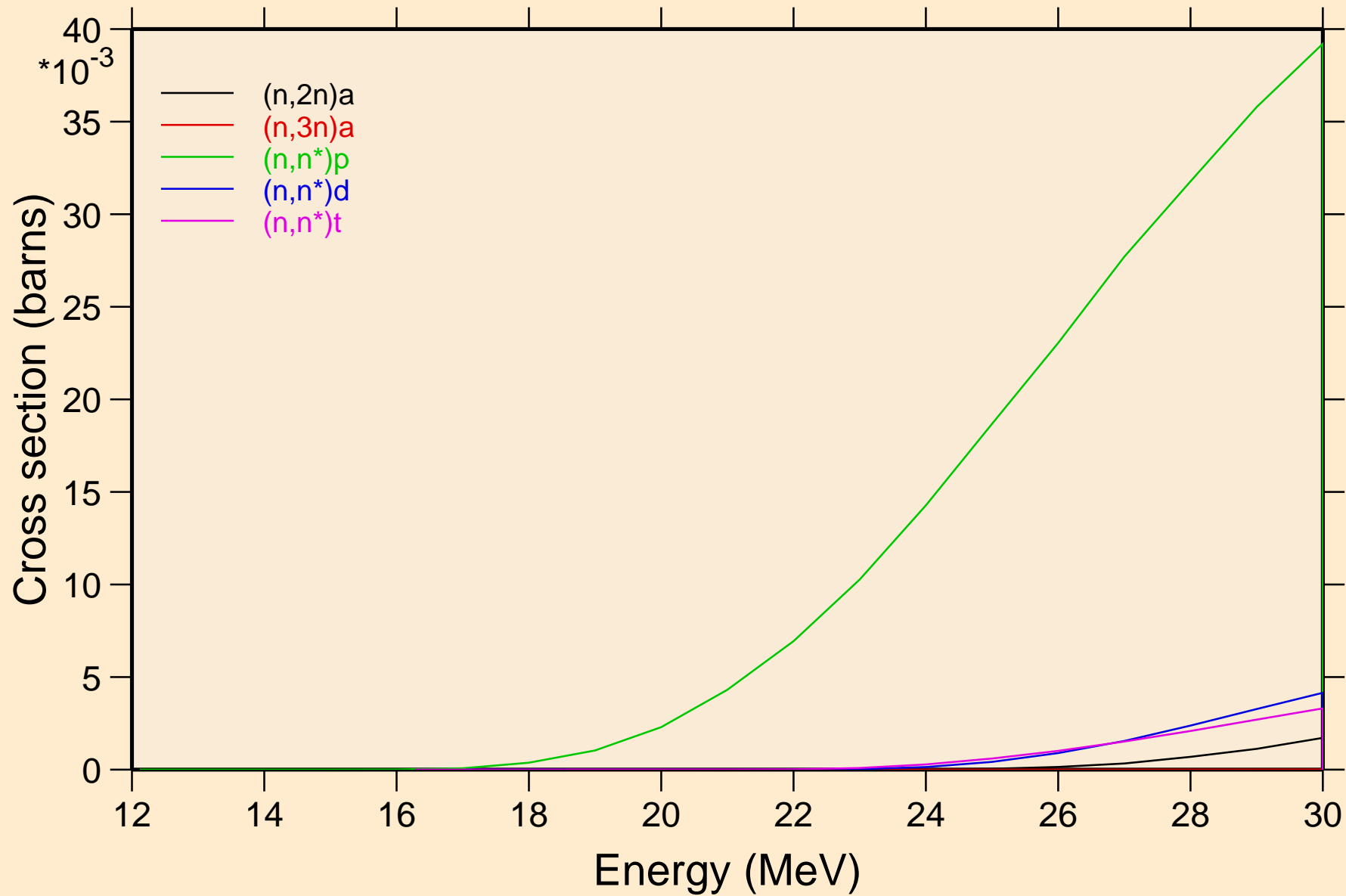
# PD114 NRG TENDL-2015, AKONING

## Threshold reactions



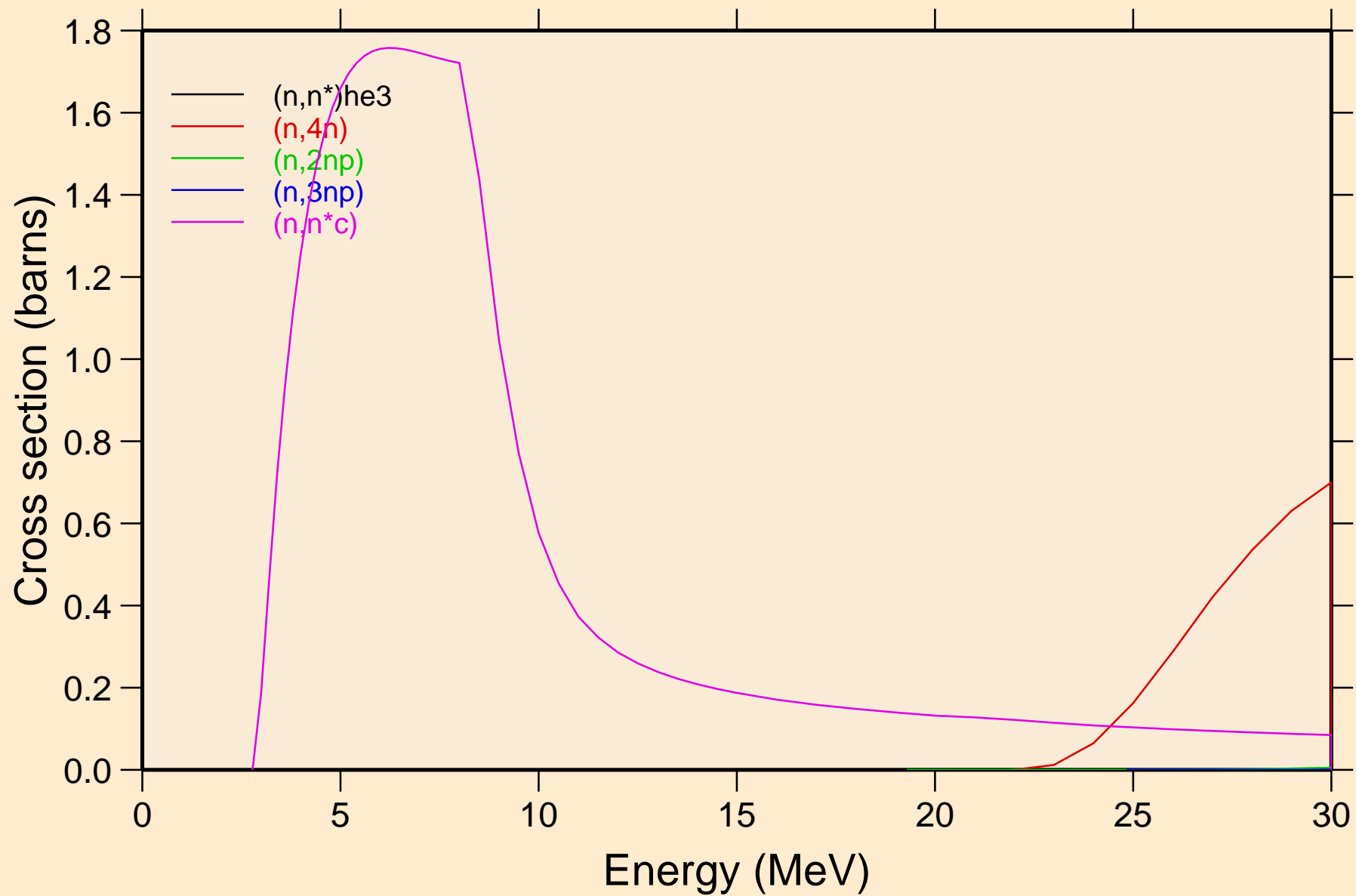
# PD114 NRG TENDL-2015, AKONING

## Threshold reactions



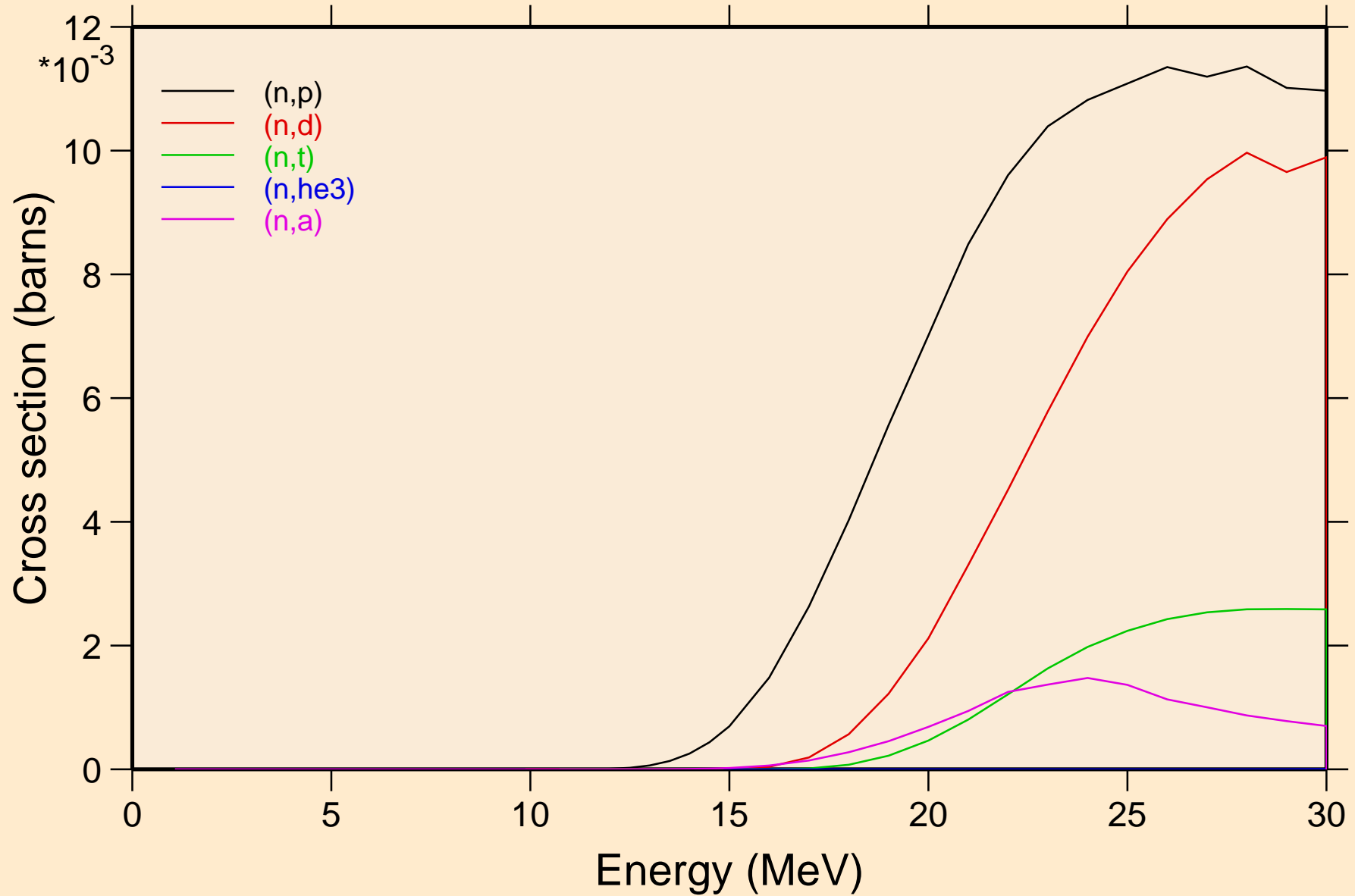
# PD114 NRG TENDL-2015, AKONING

## Threshold reactions



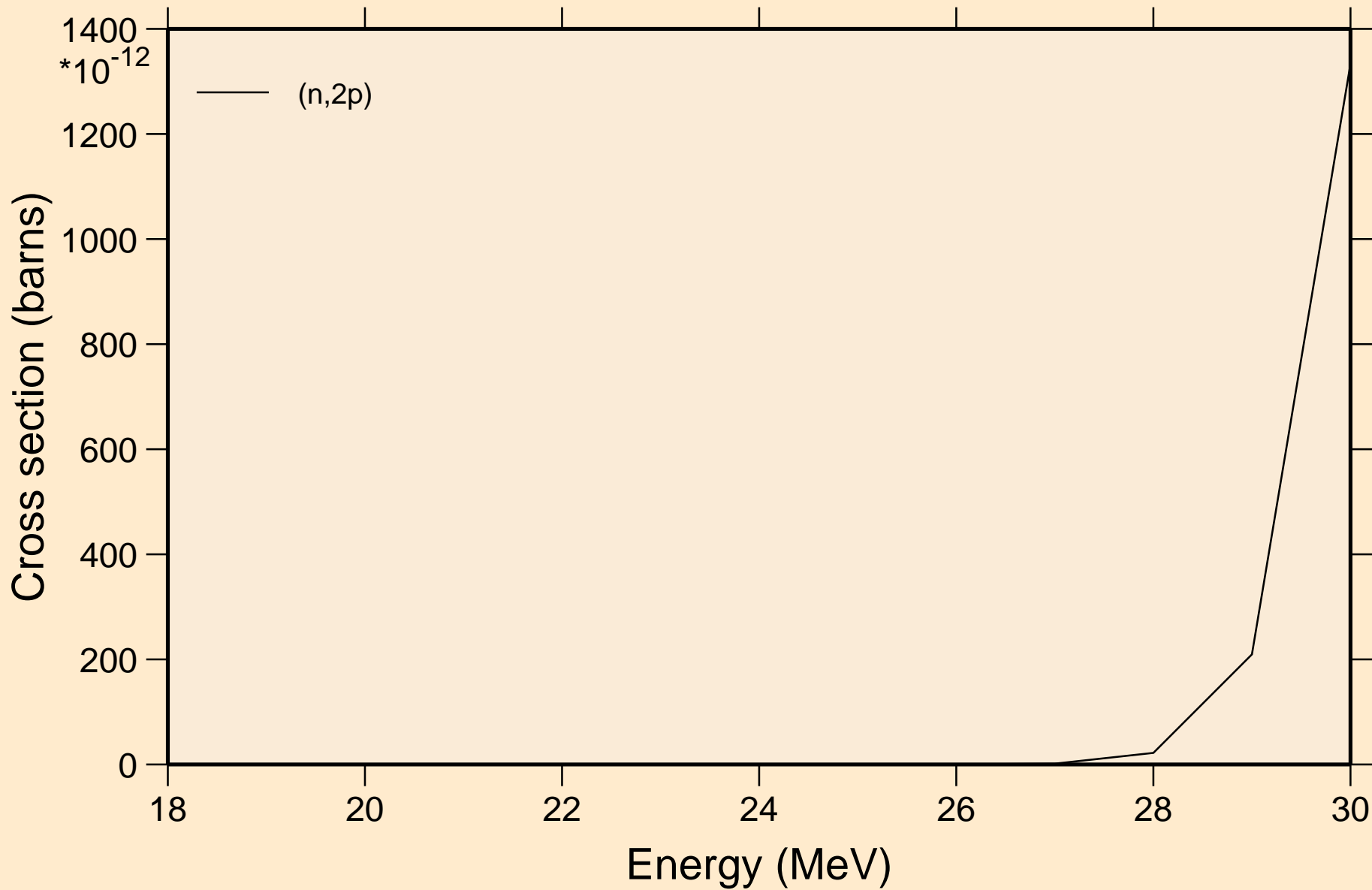
# PD114 NRG TENDL-2015, AKONING

## Threshold reactions

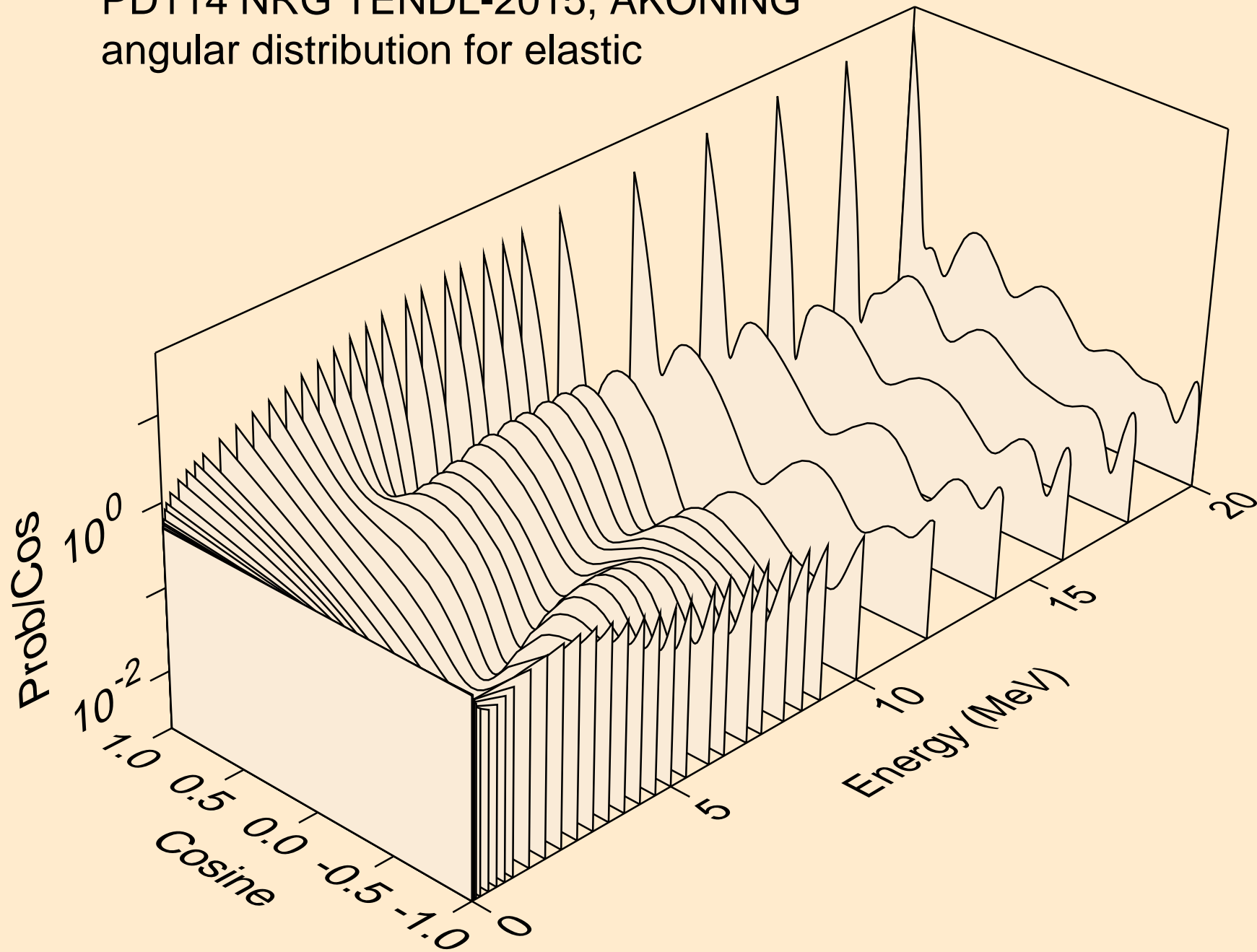


# PD114 NRG TENDL-2015, AKONING

## Threshold reactions

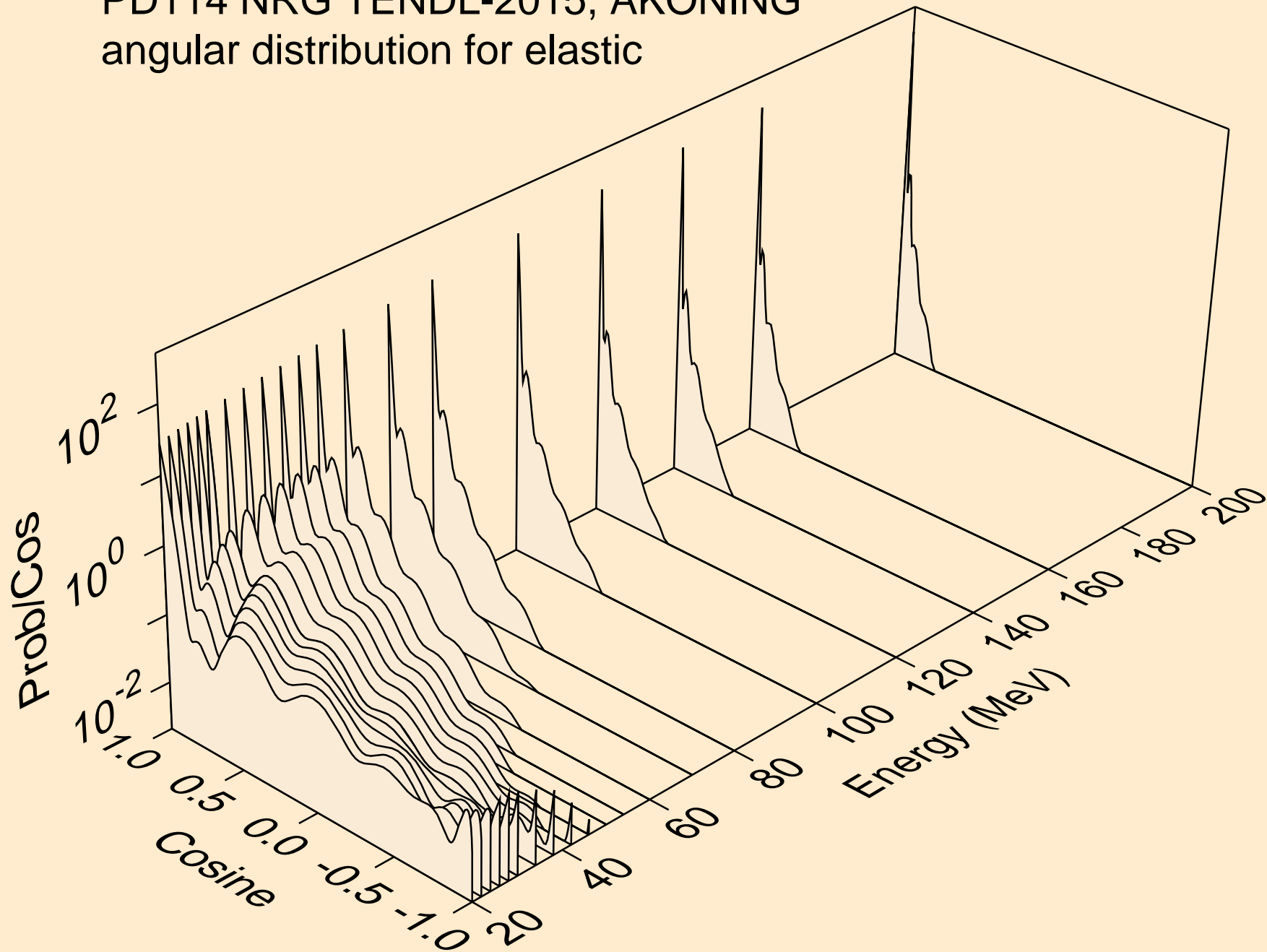


PD114 NRG TENDL-2015, AKONING  
angular distribution for elastic

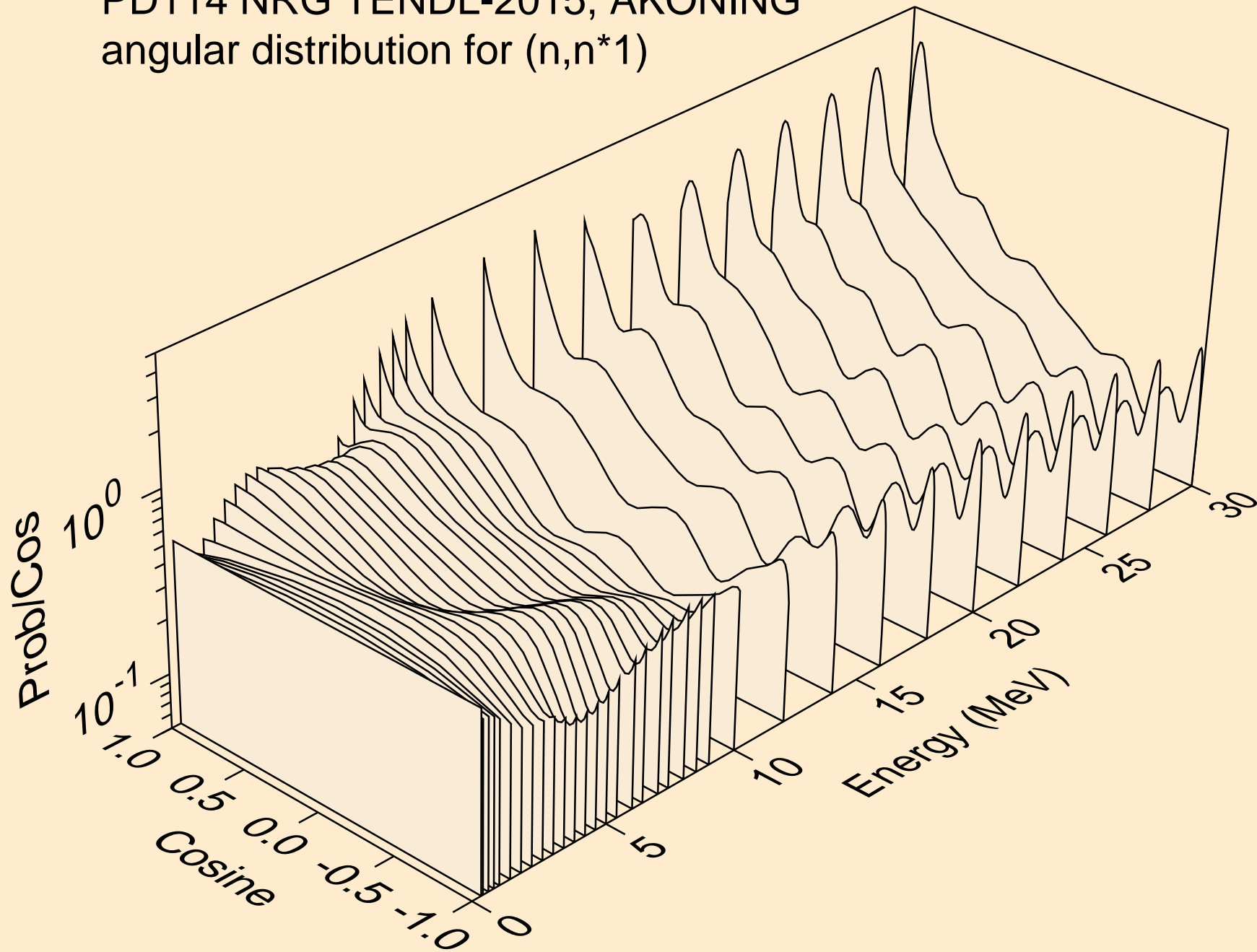




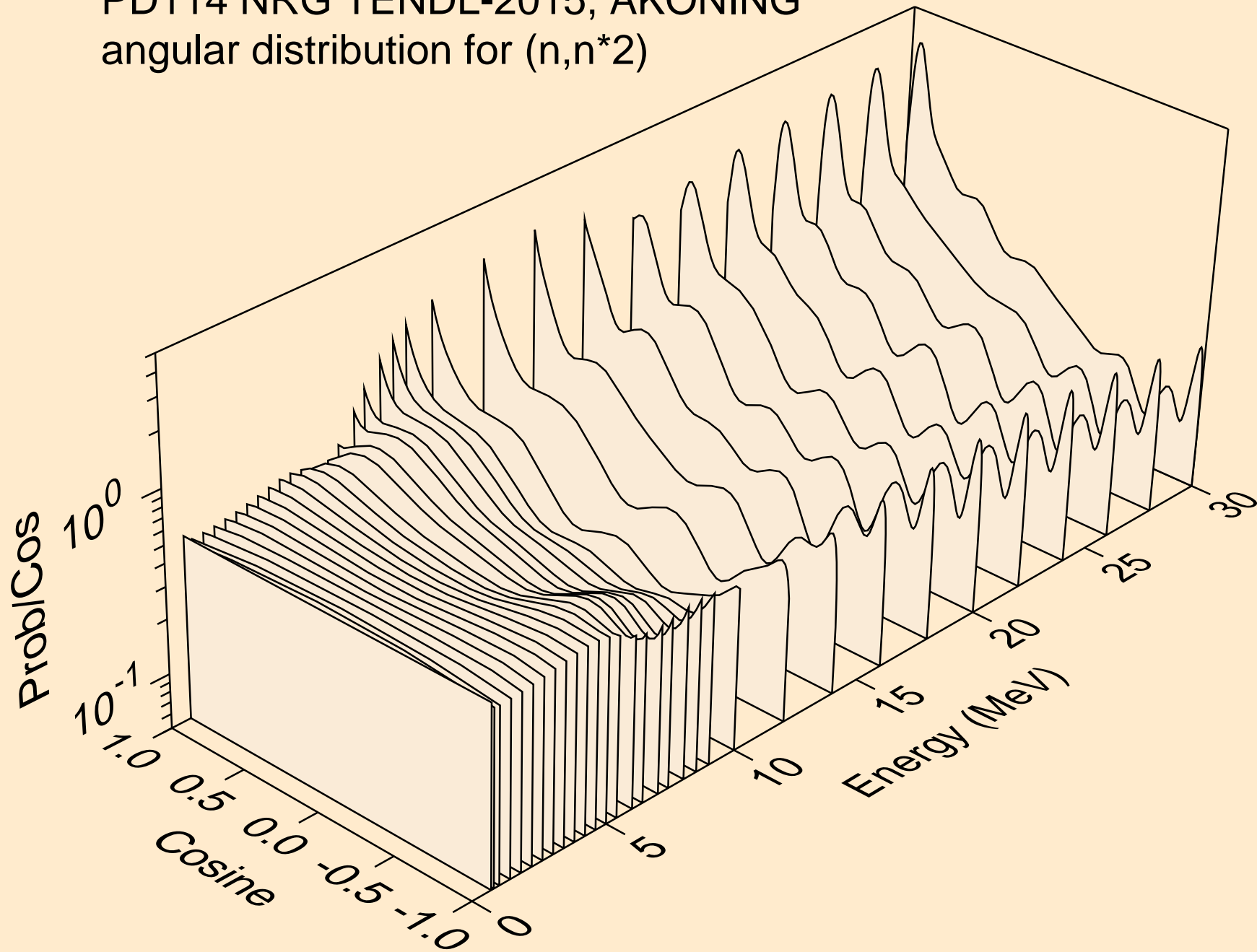
PD114 NRG TENDL-2015, AKONING  
angular distribution for elastic



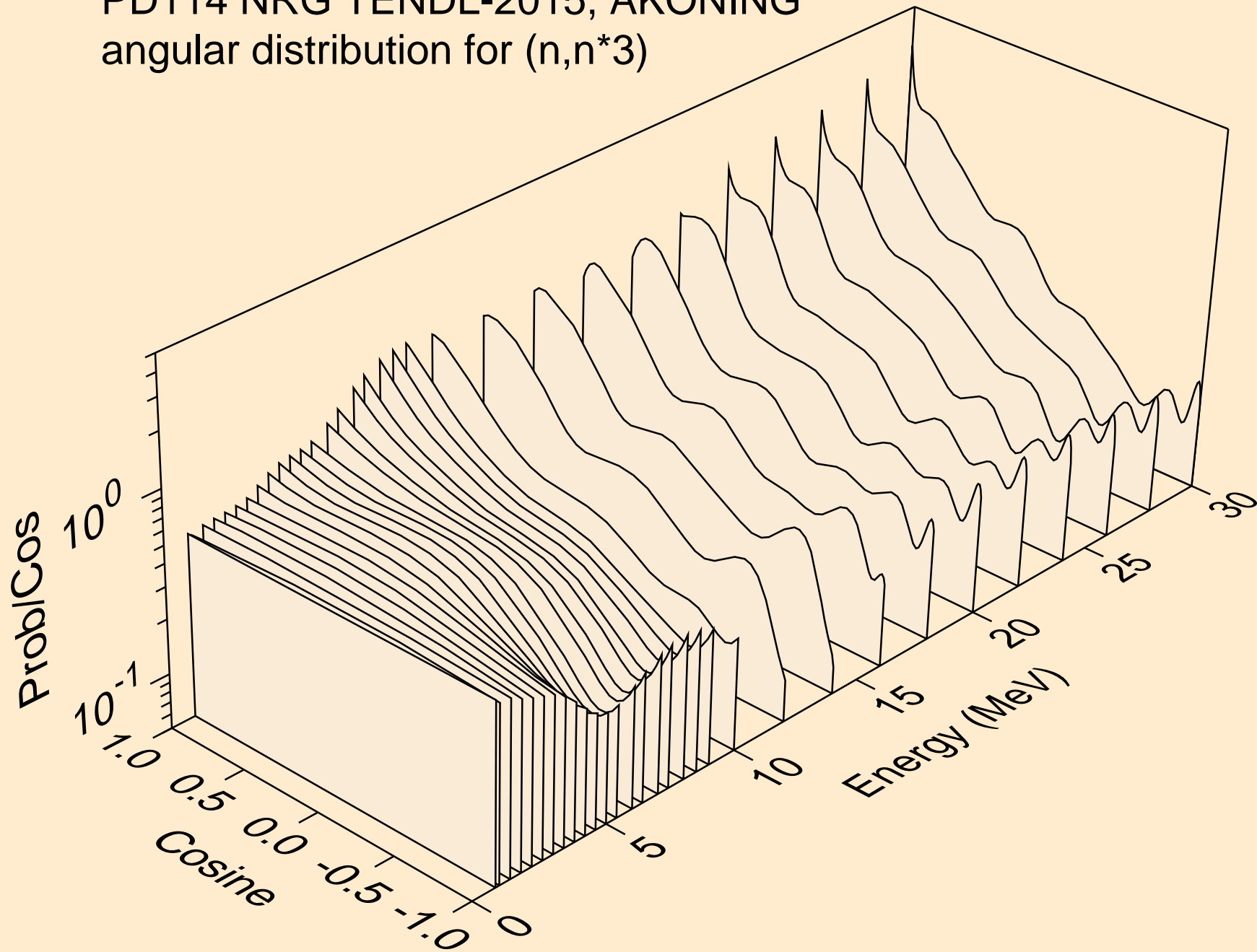
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



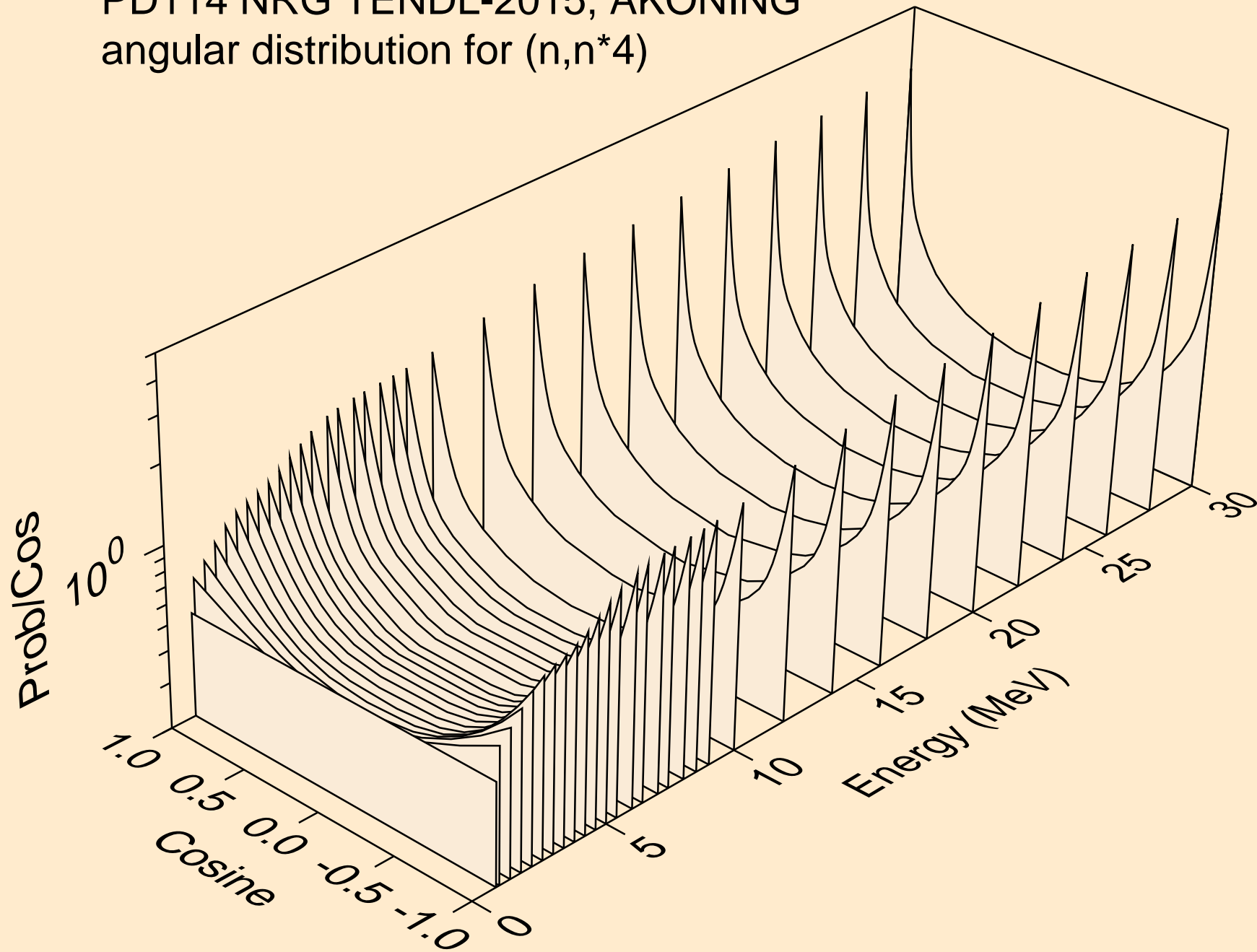
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



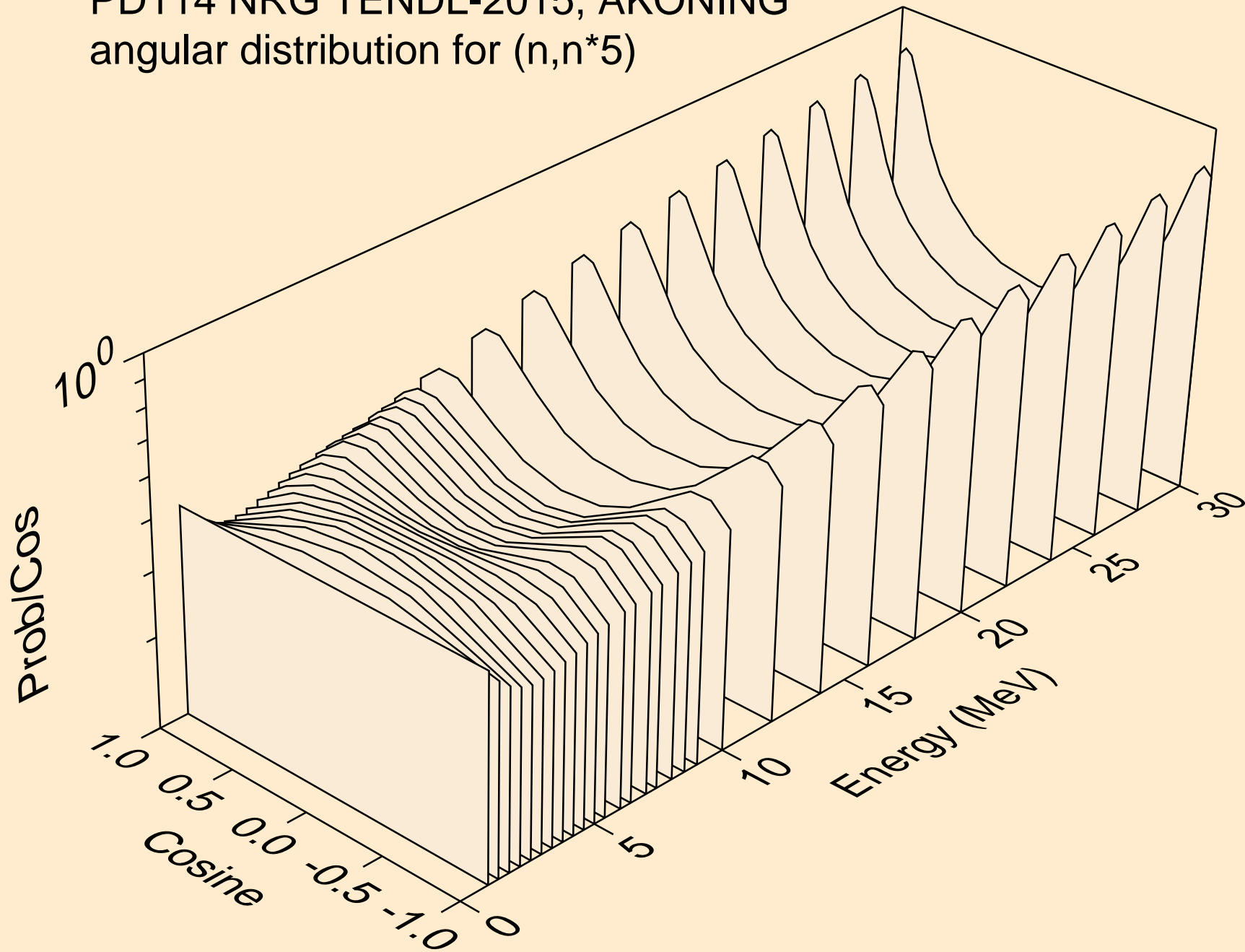
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



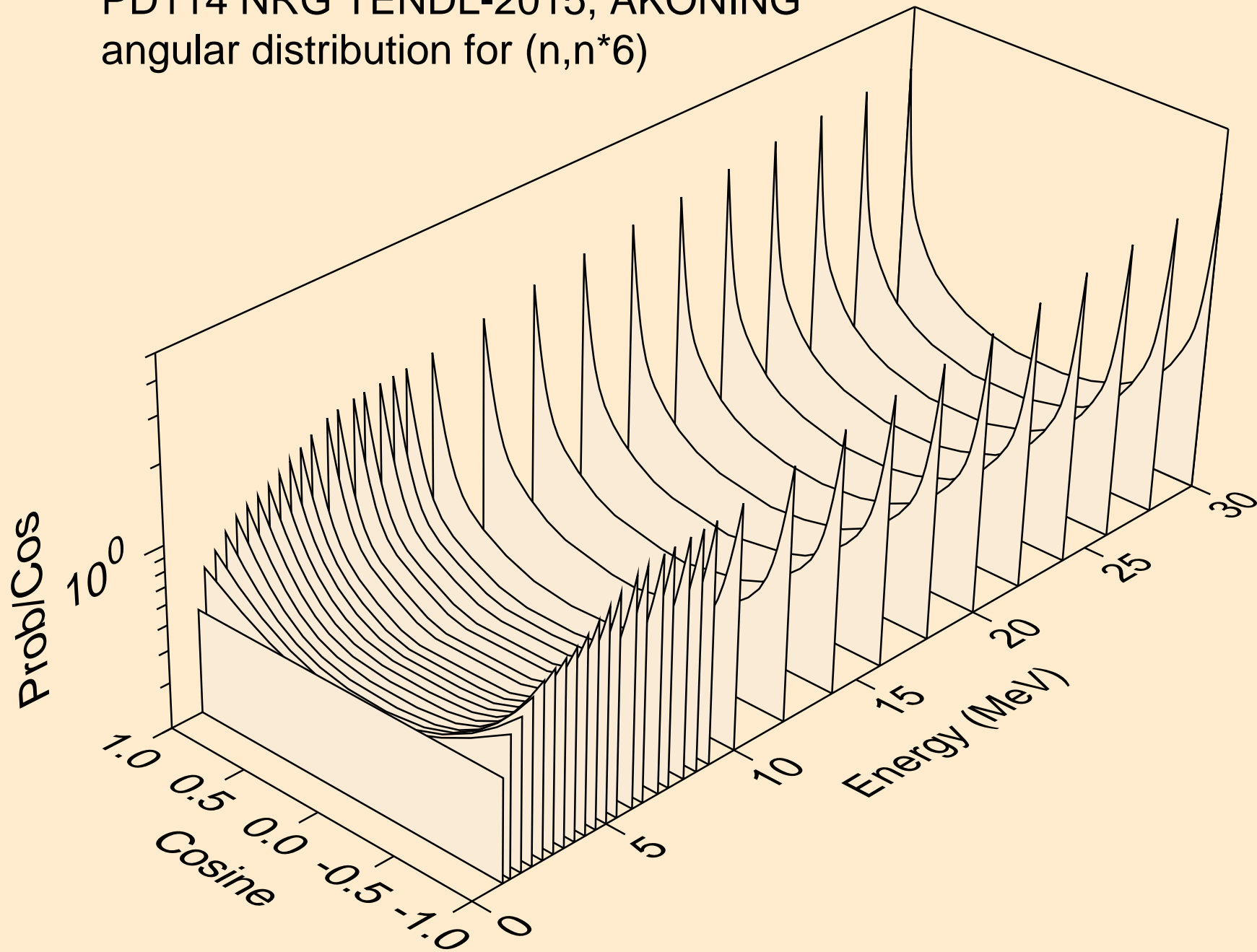
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



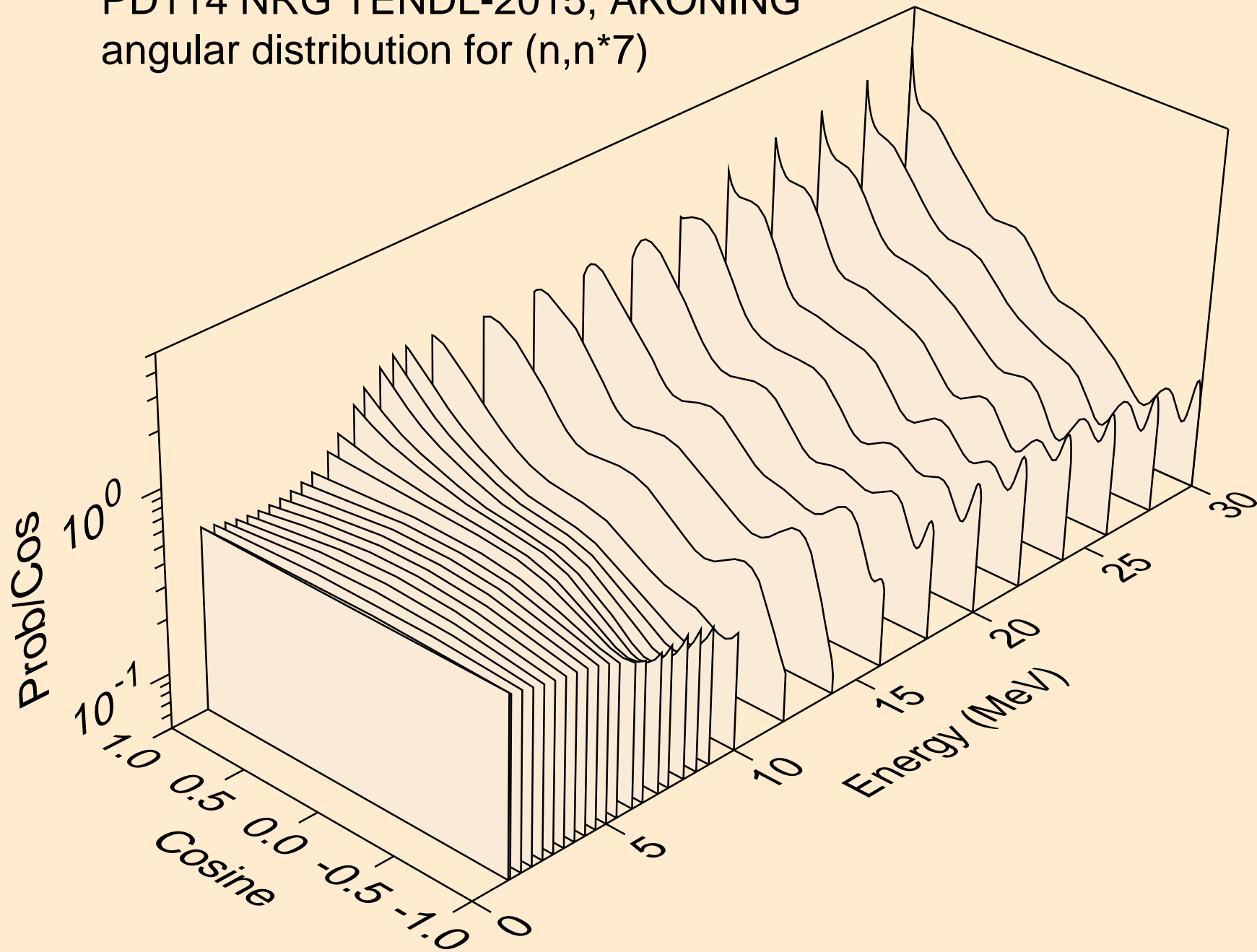
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

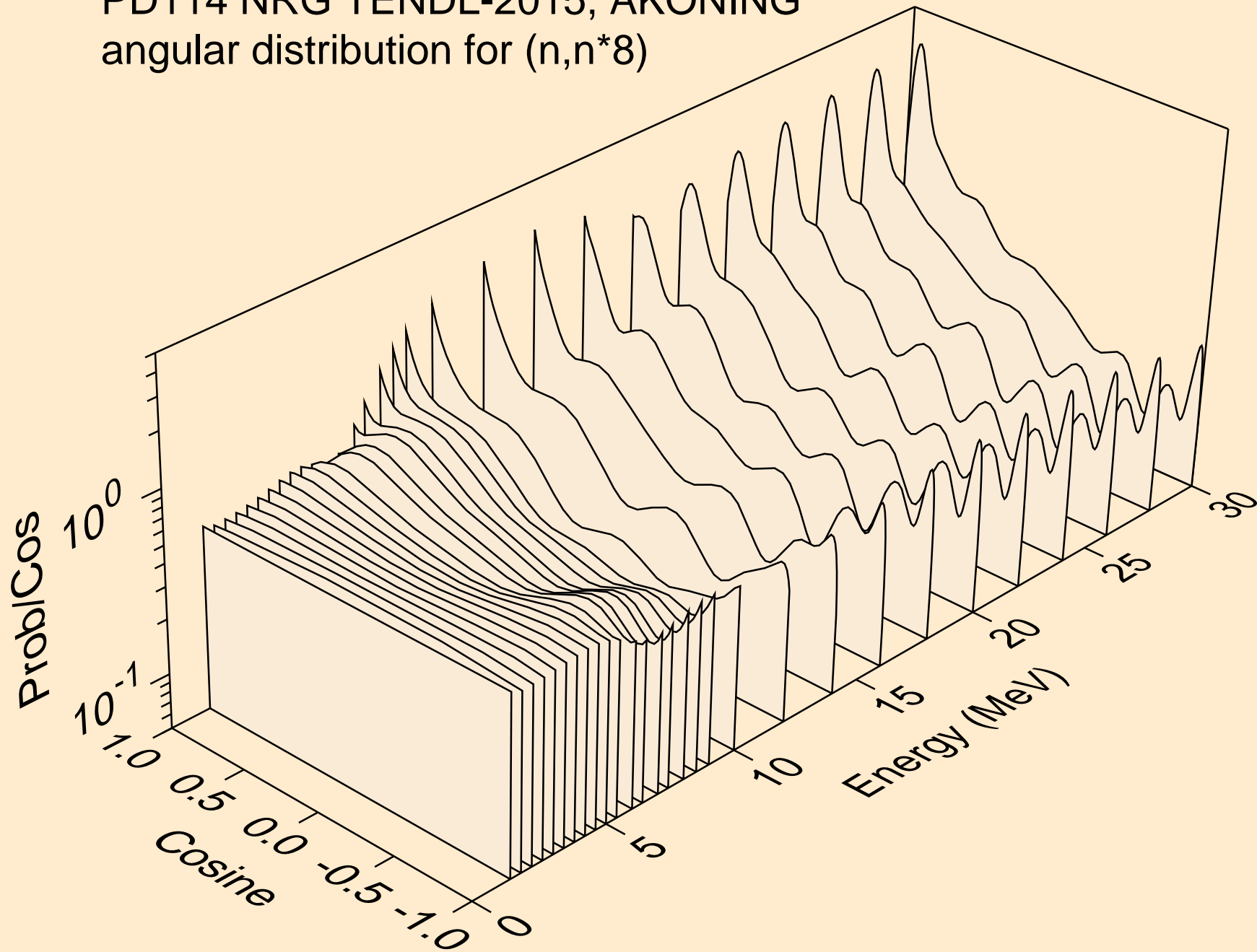


PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

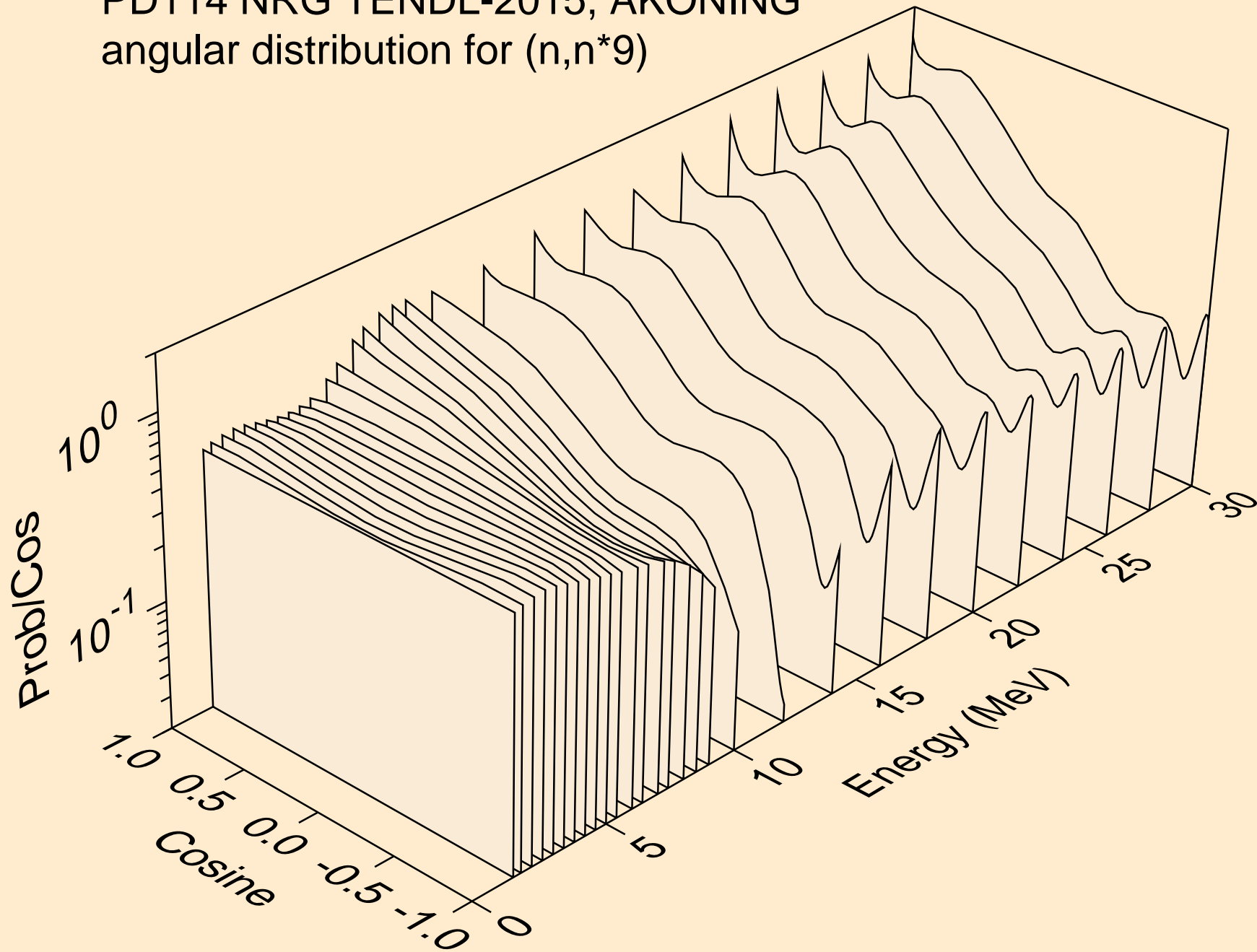




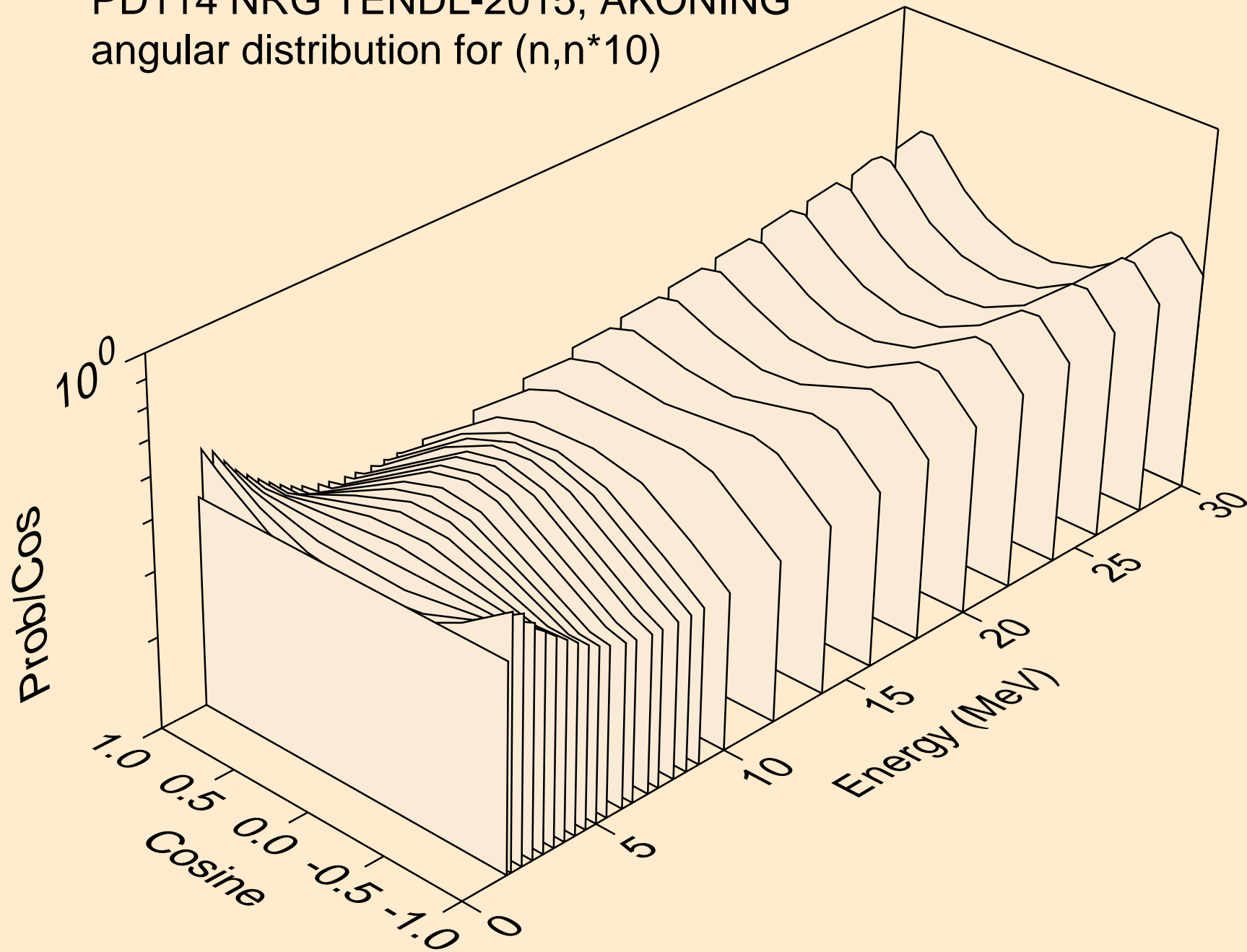
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



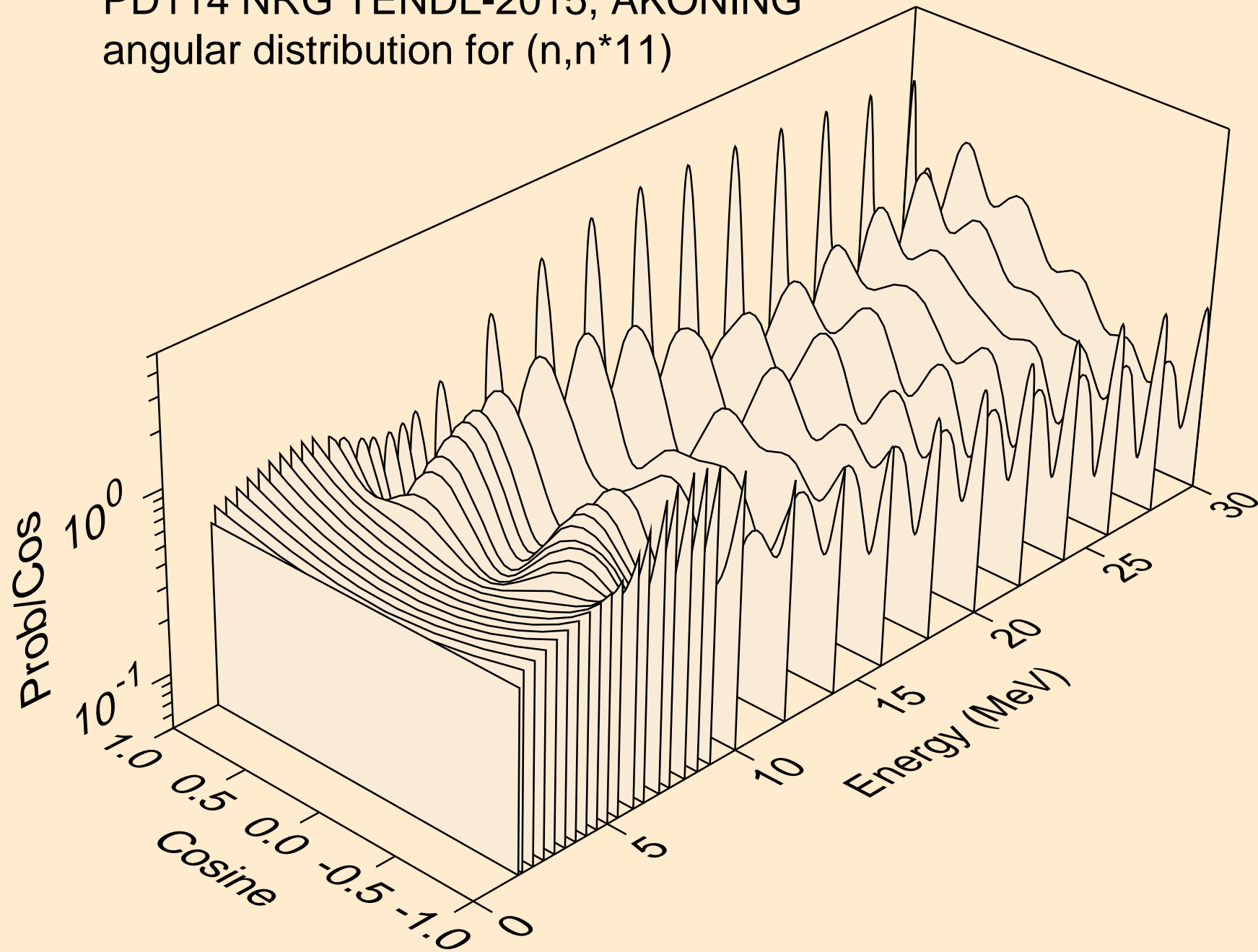
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



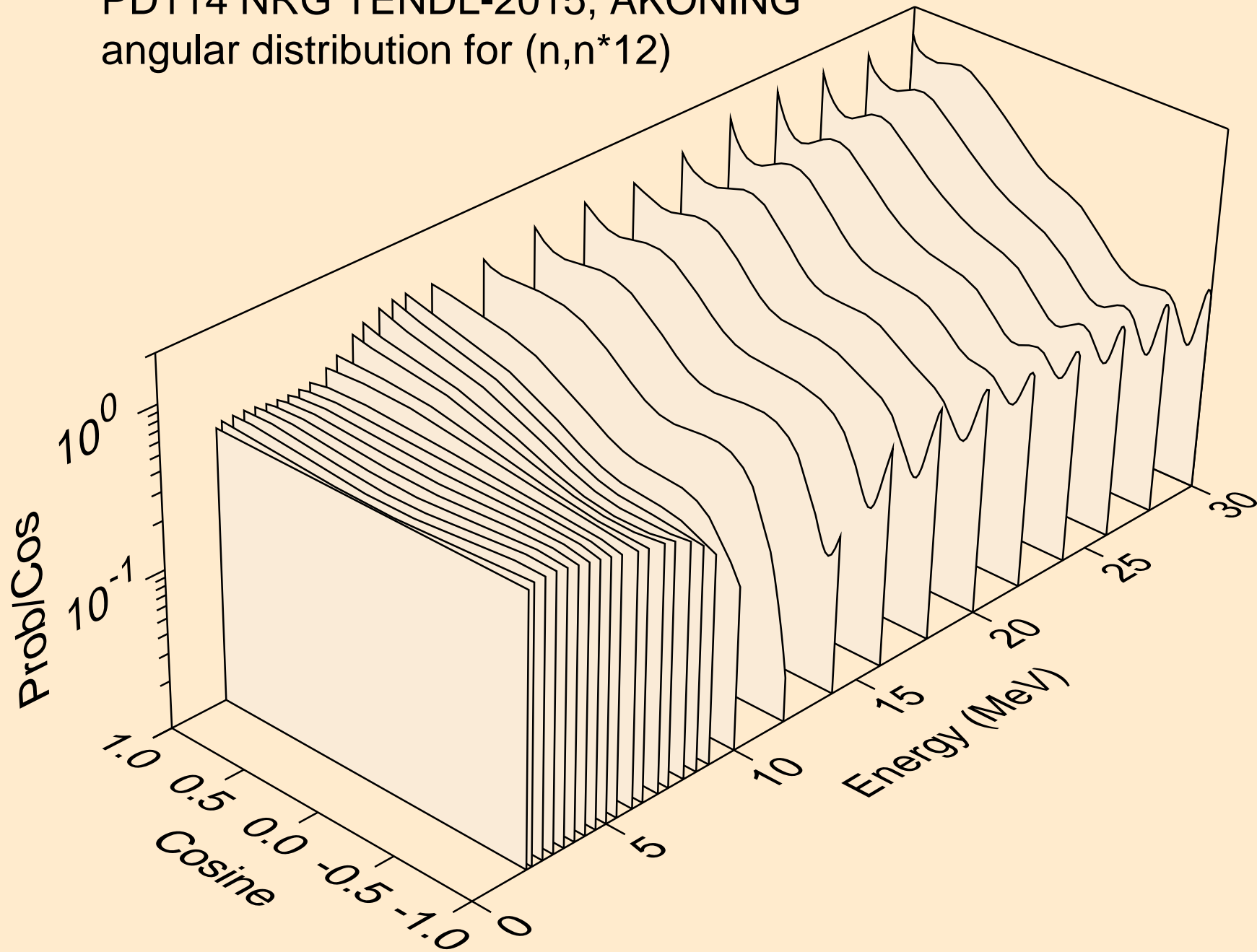
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



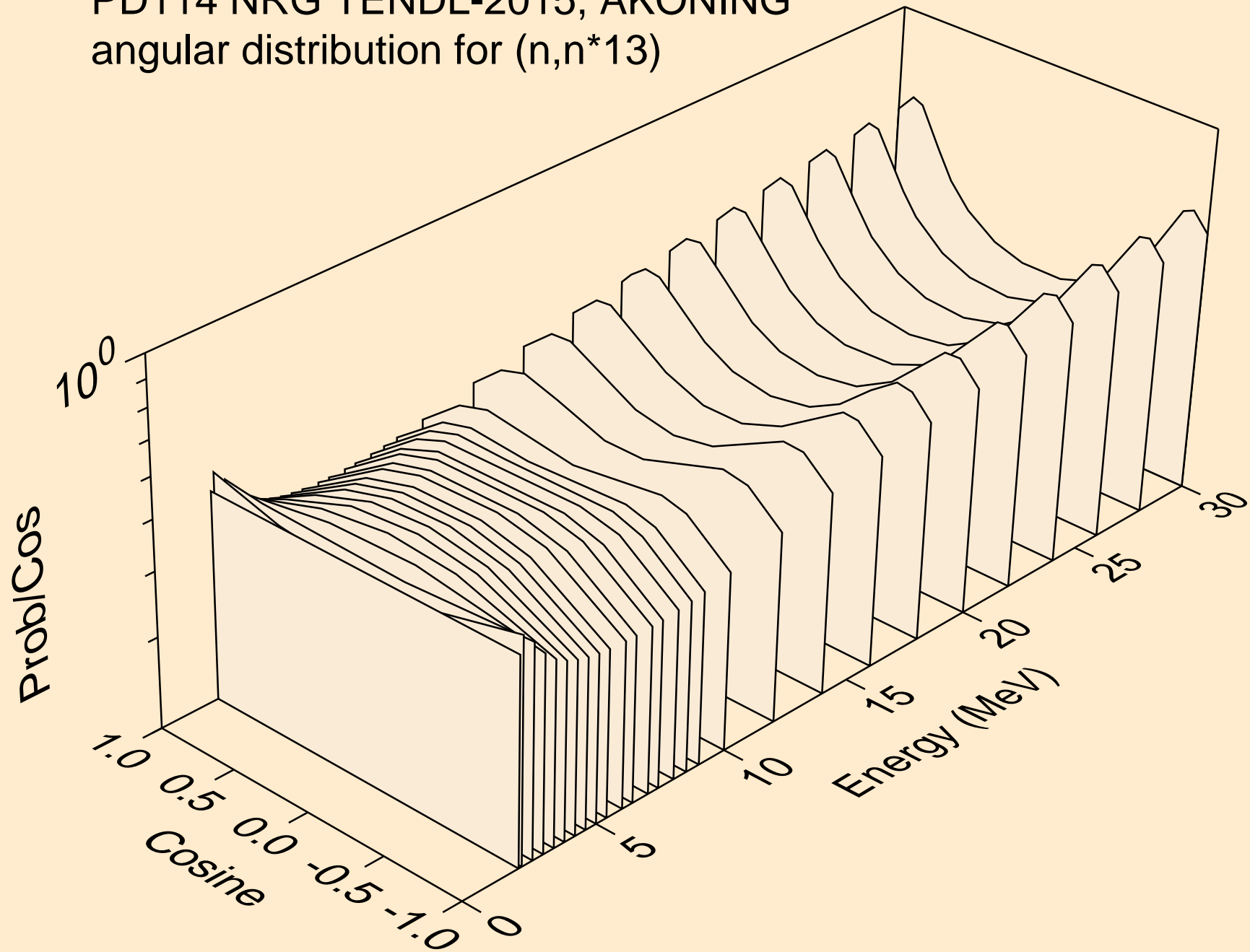
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



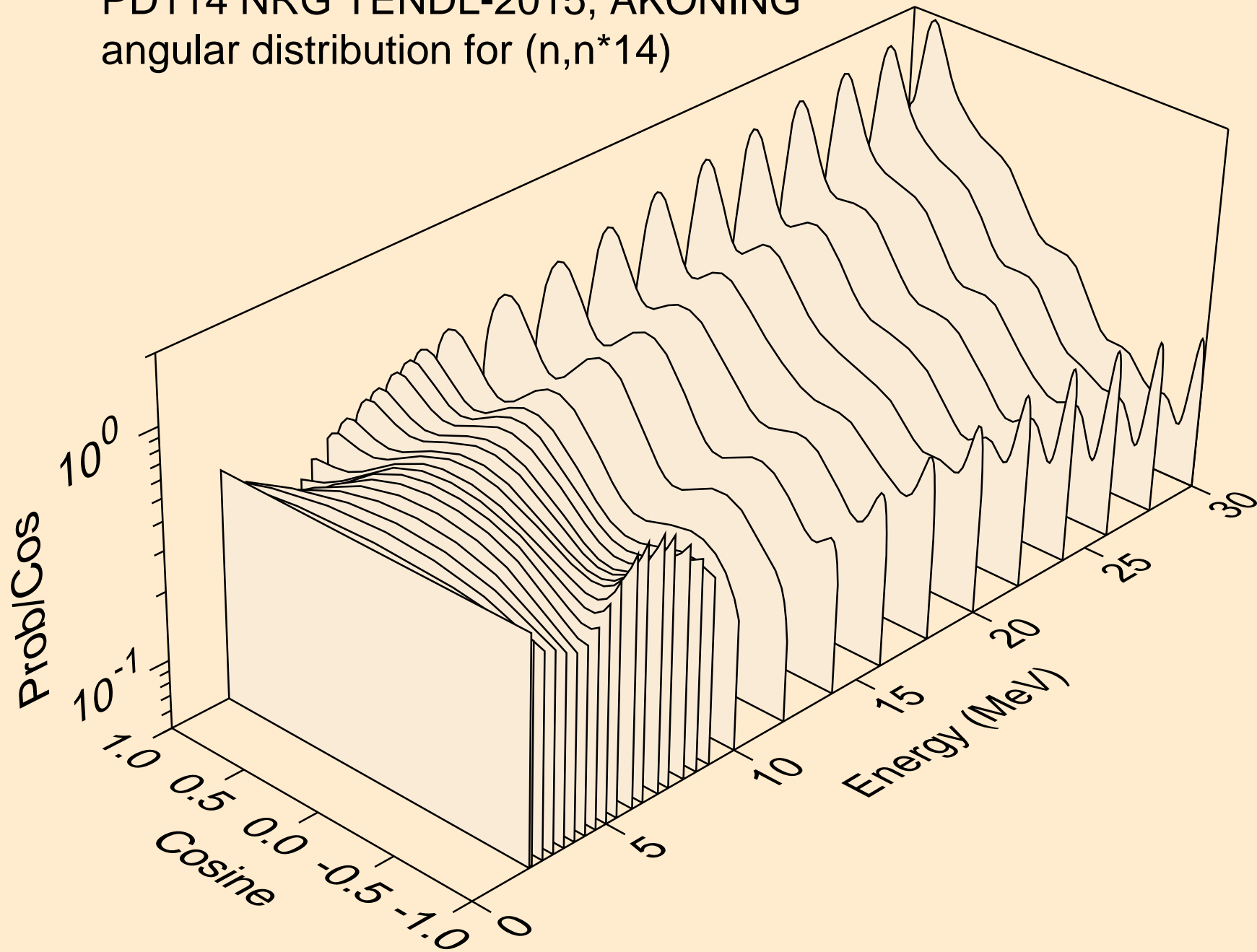
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



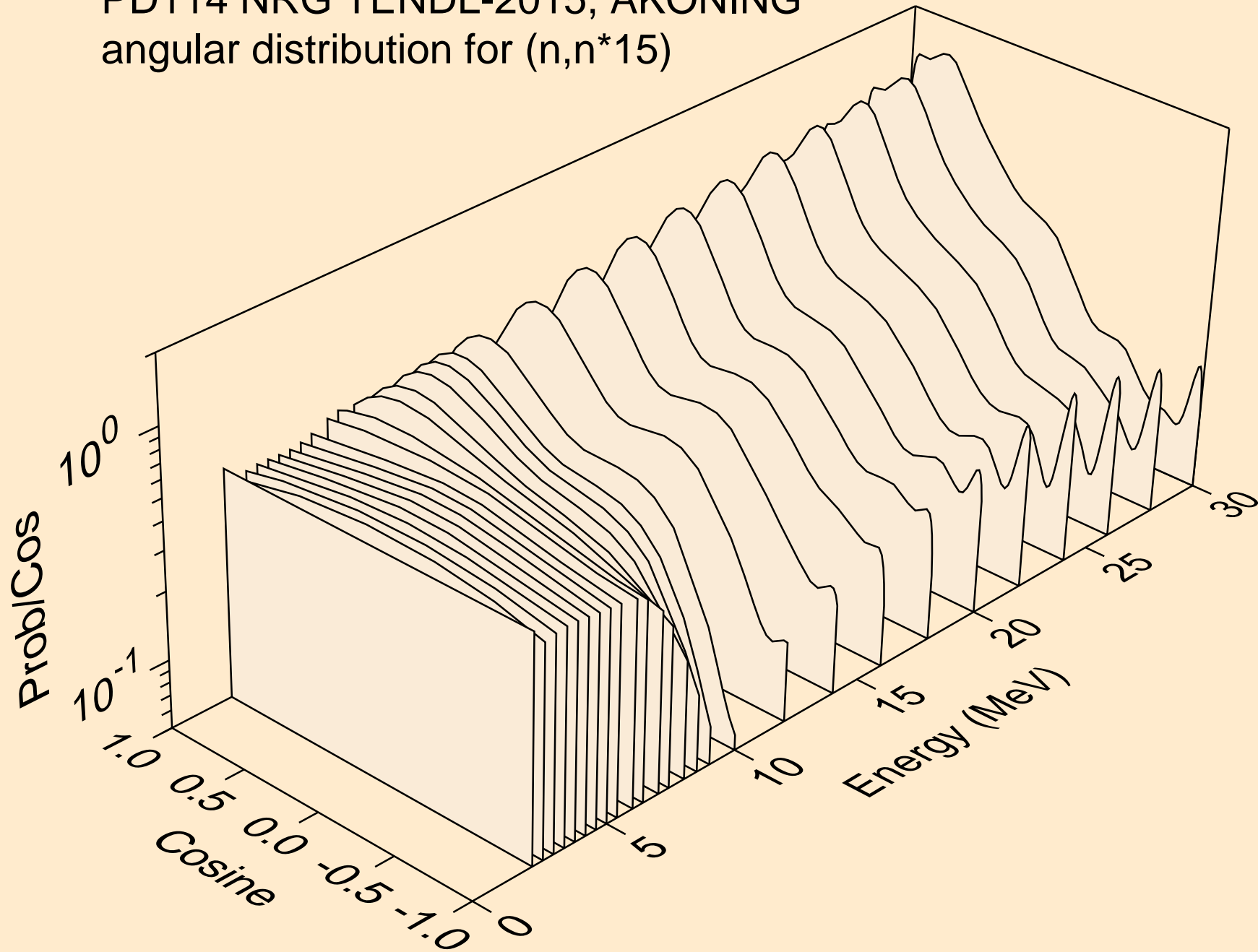
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

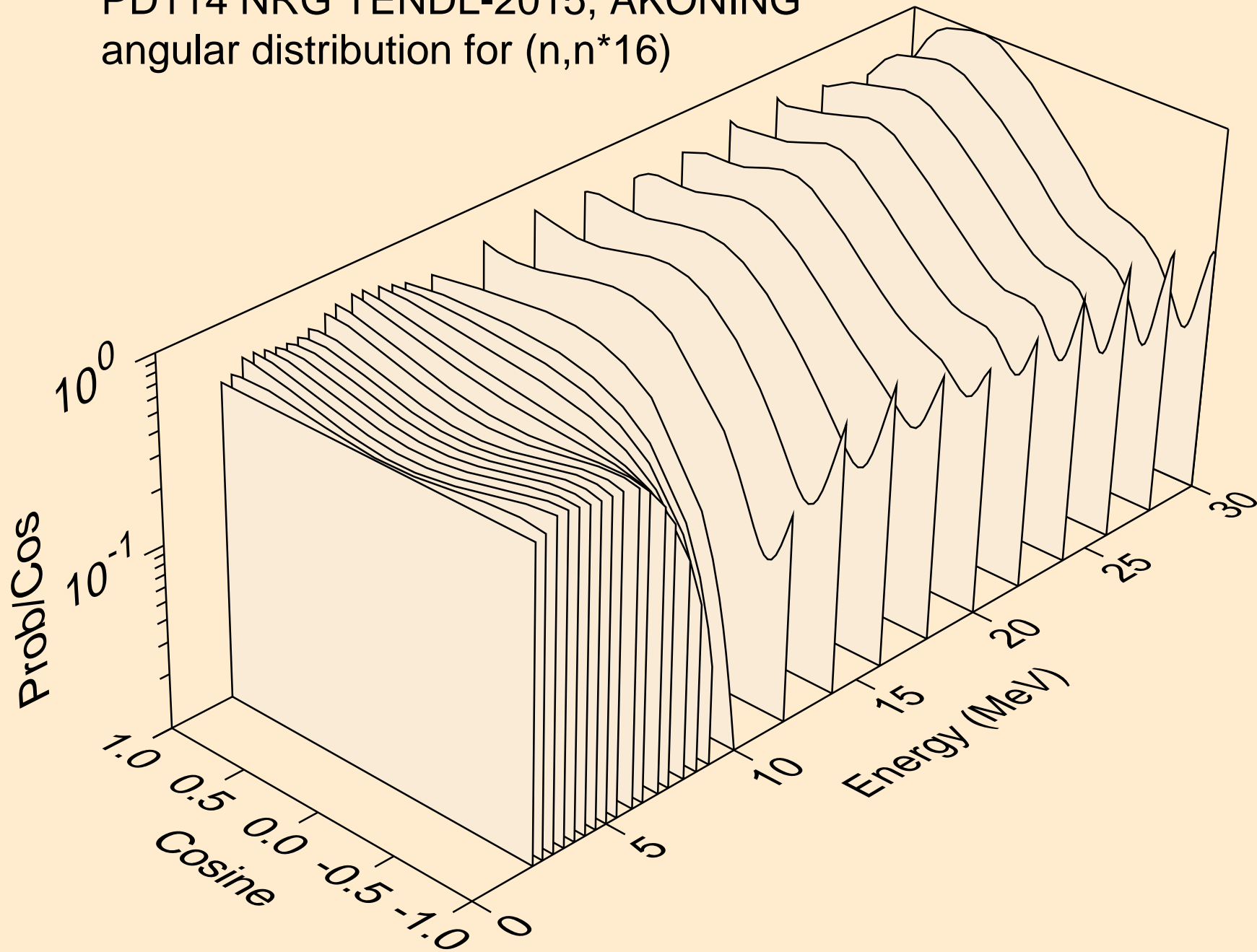


PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

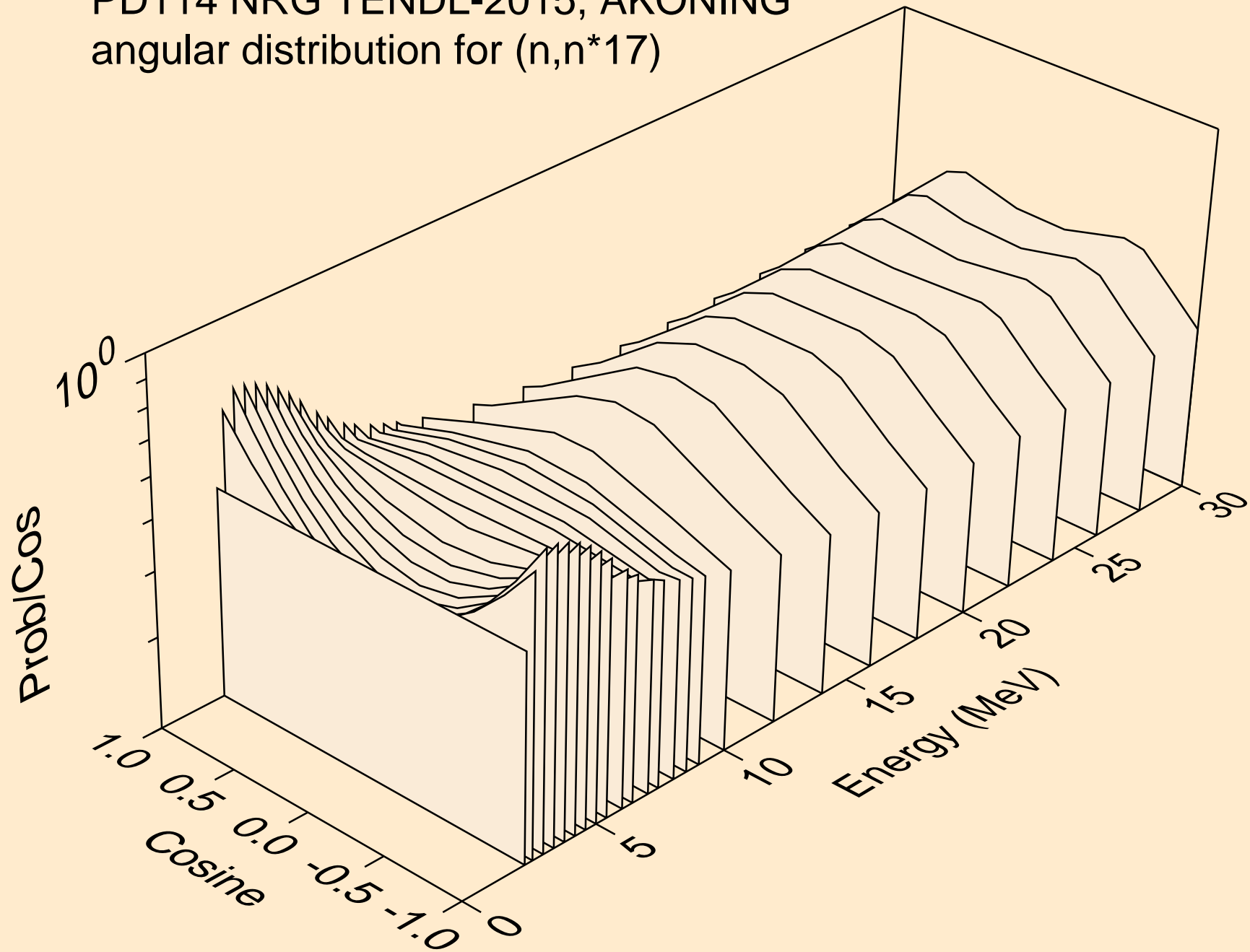




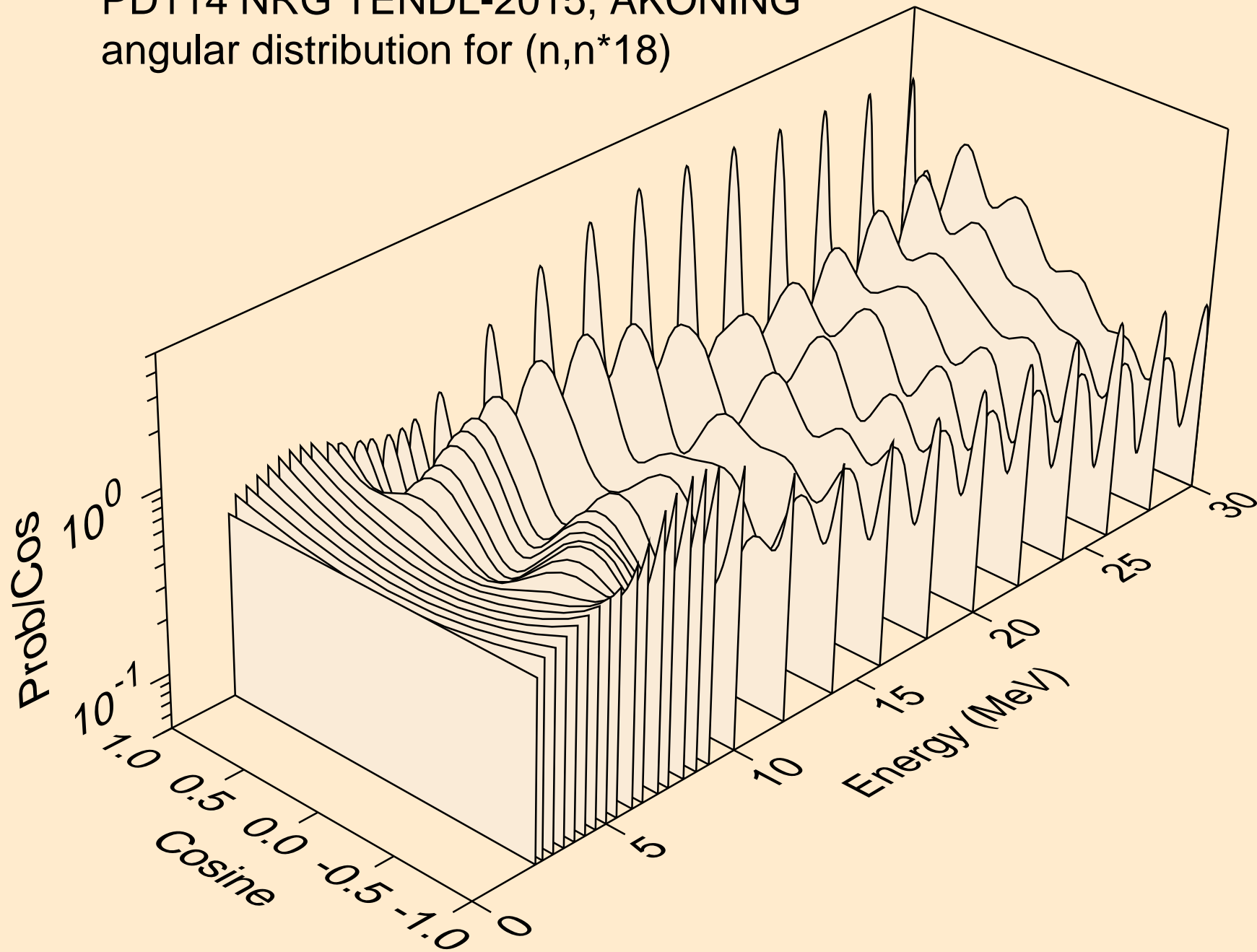
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



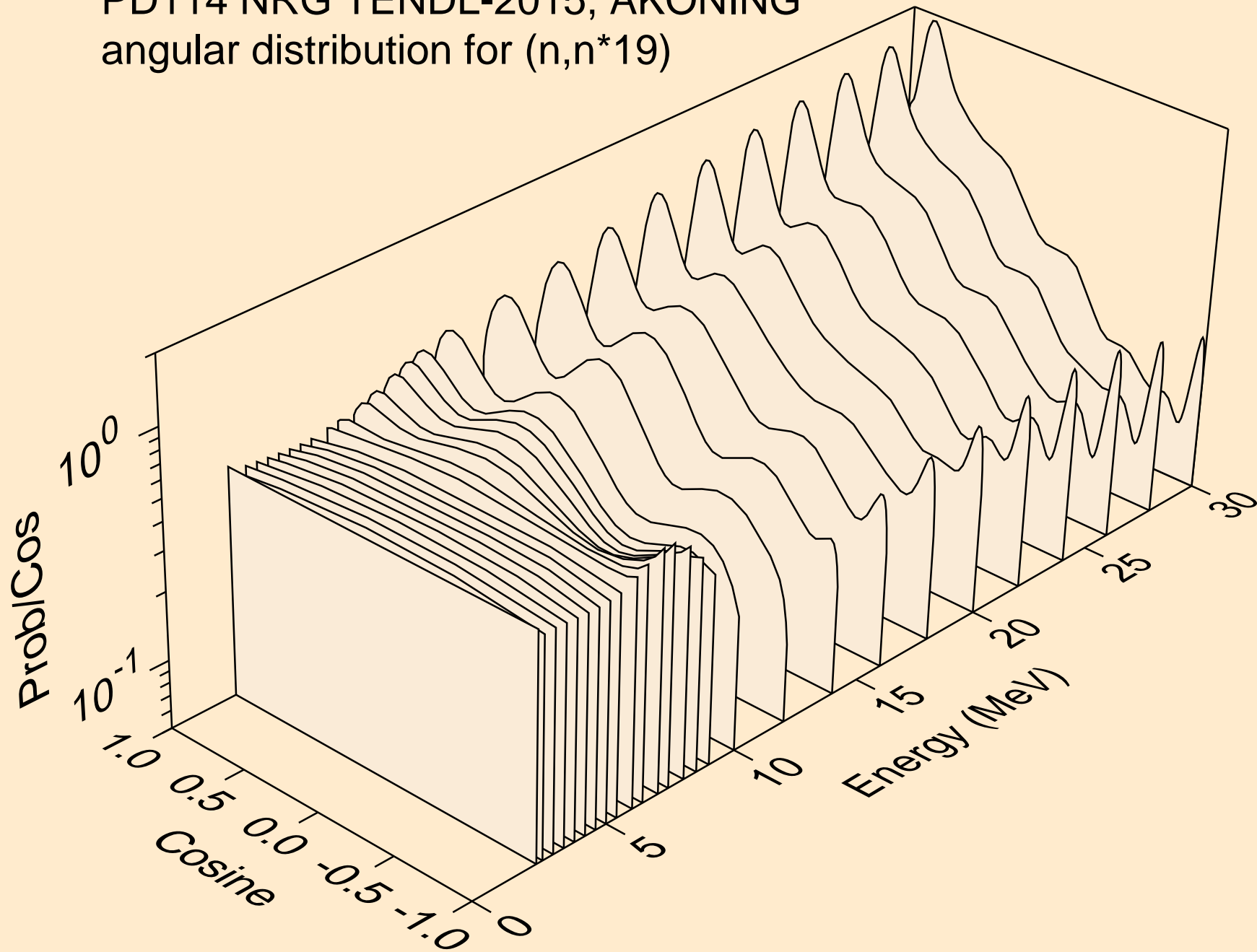
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



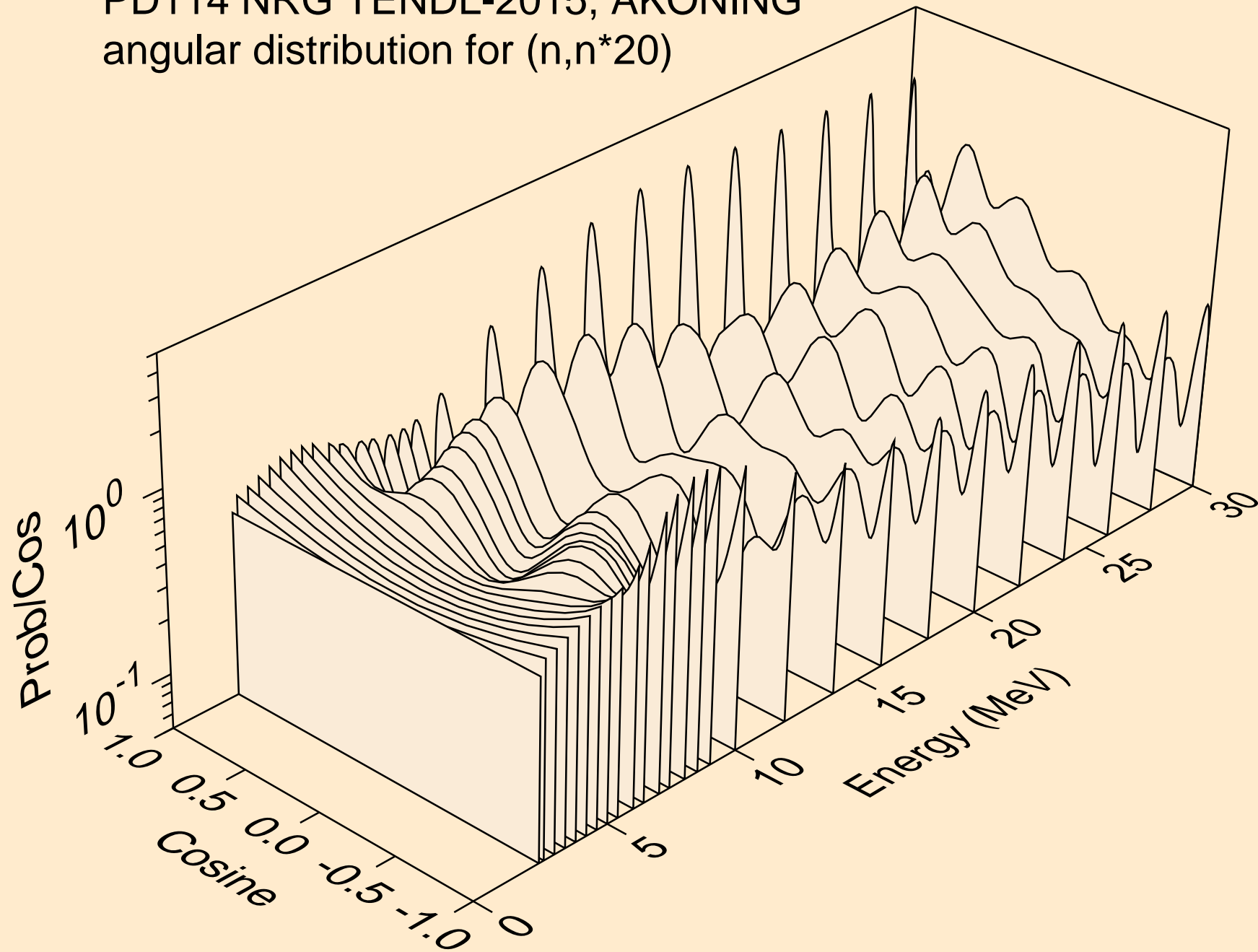
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



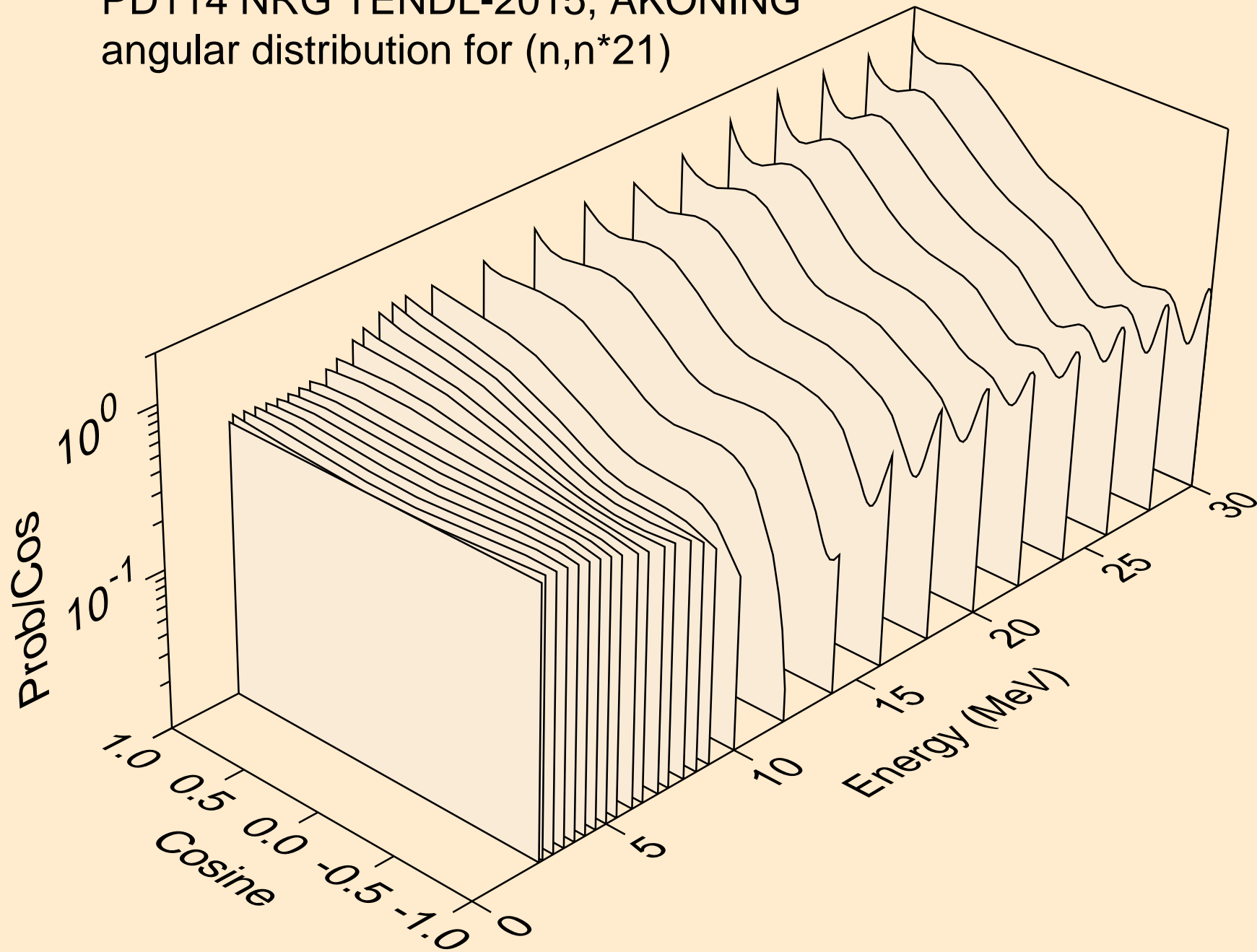
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



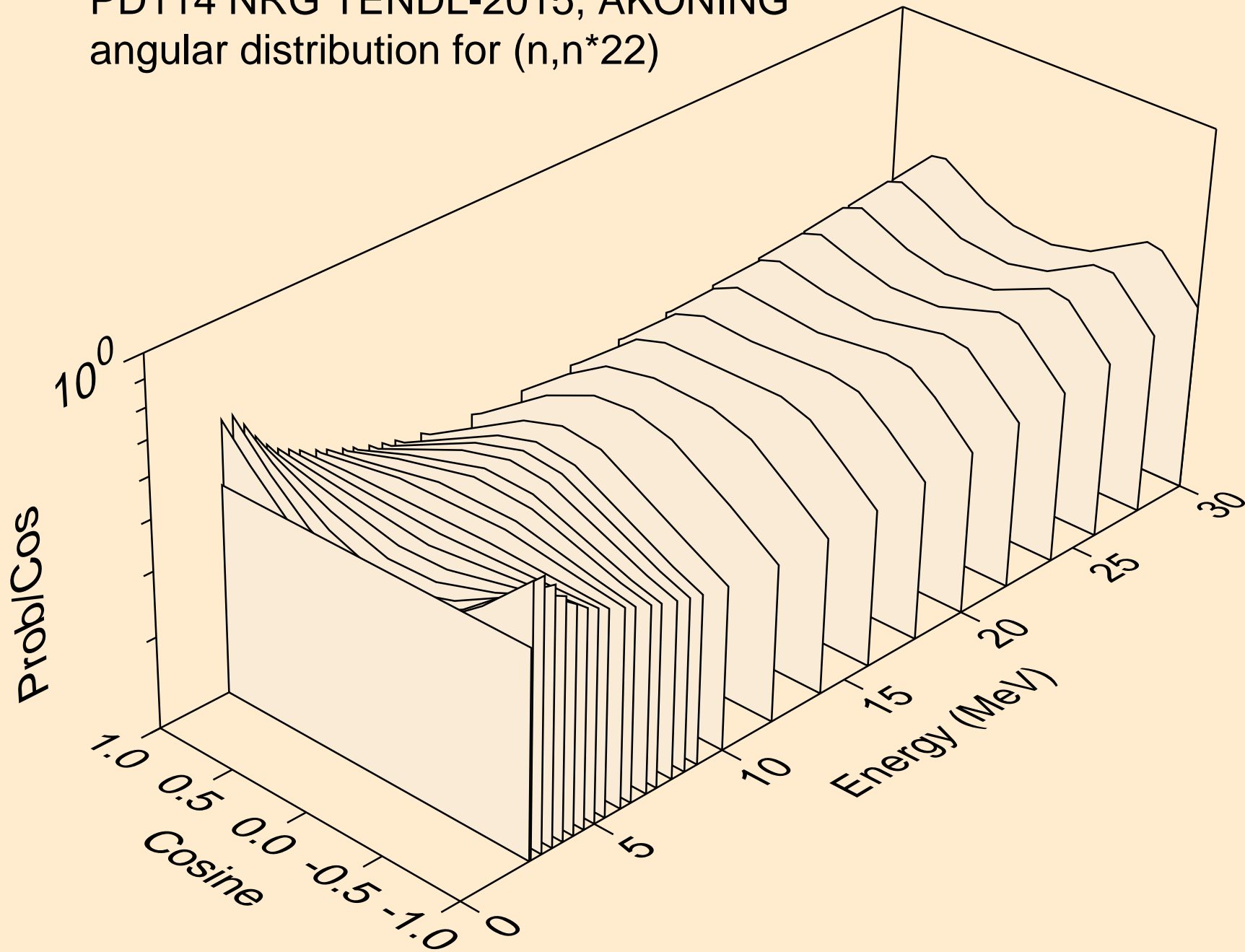
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



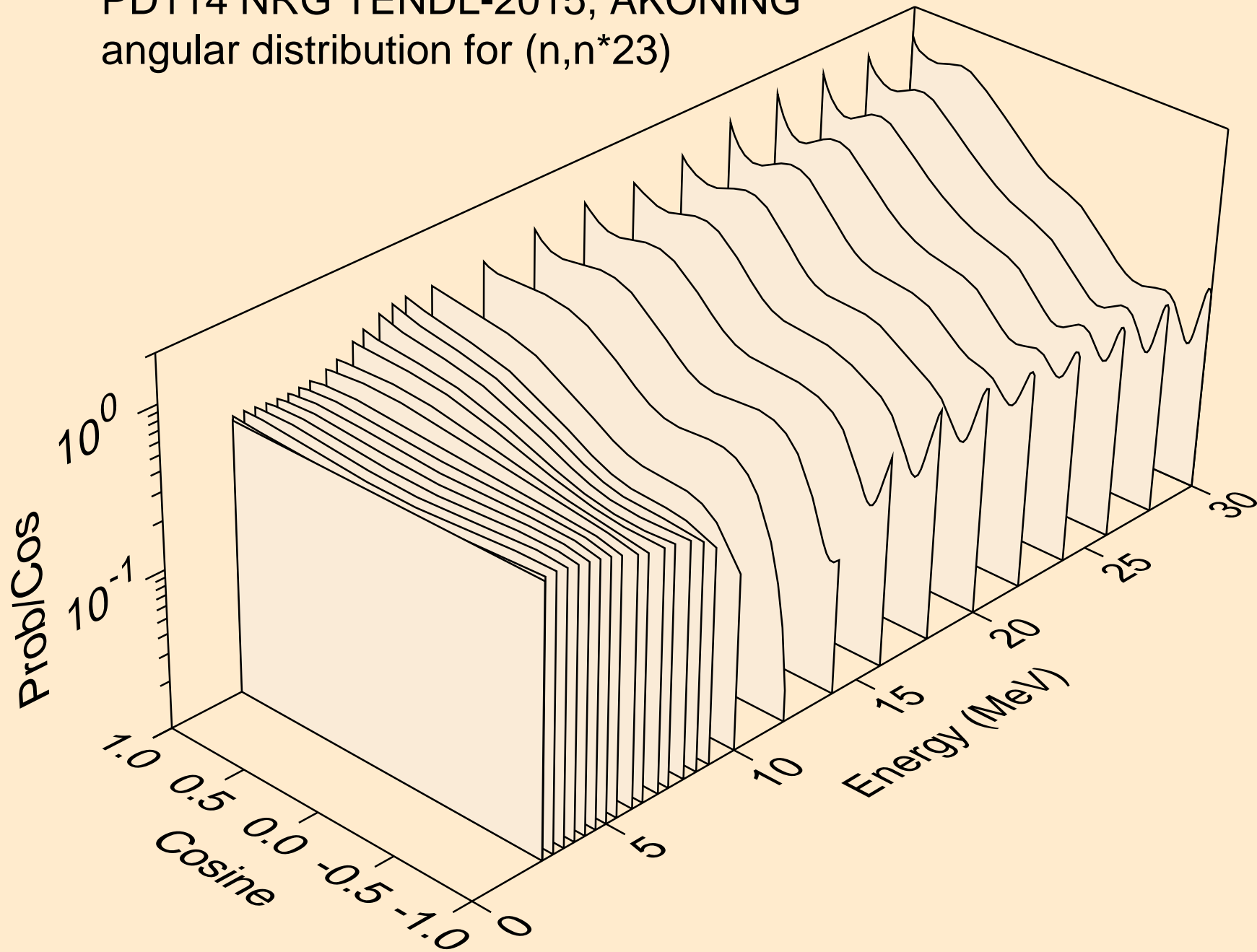
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

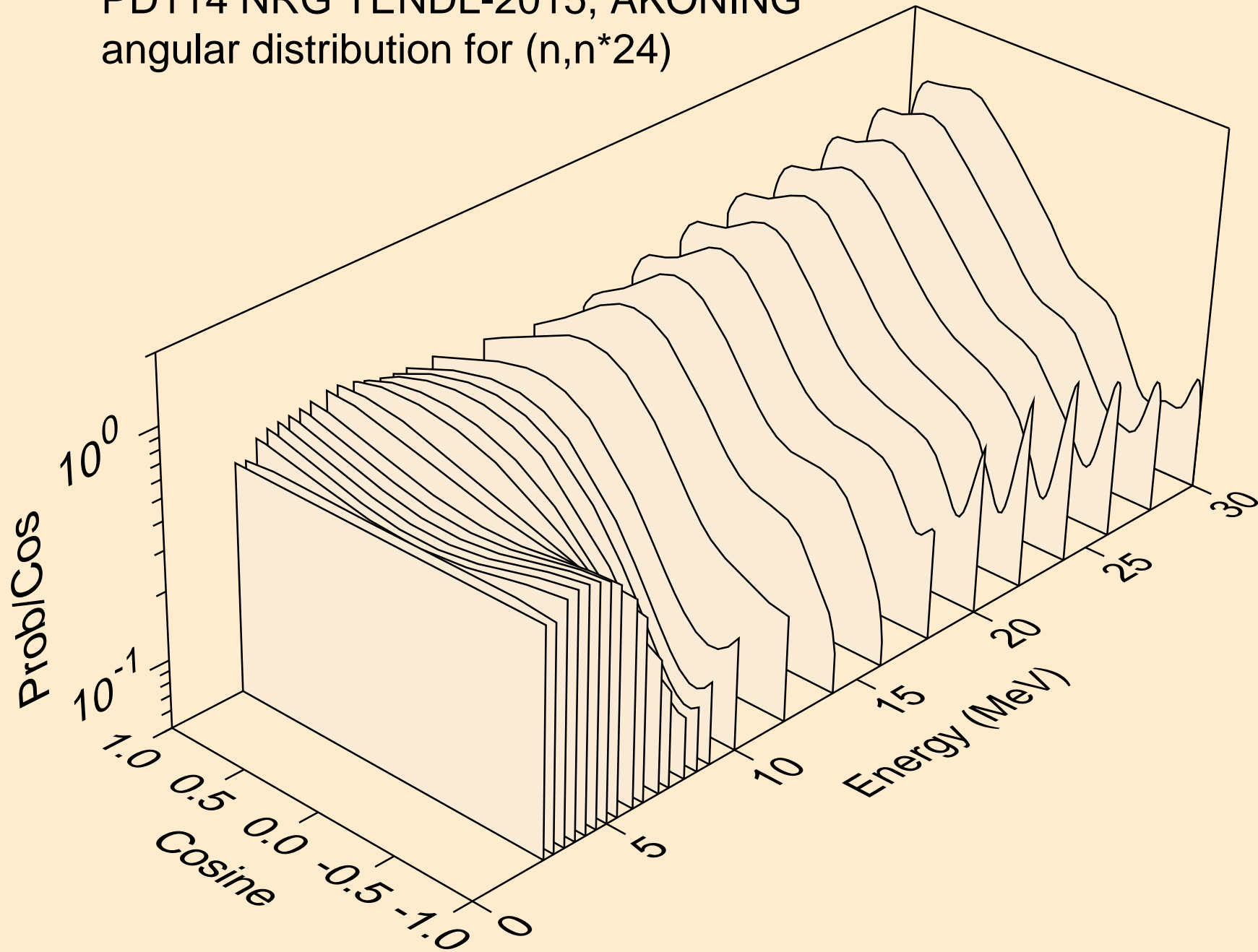


PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

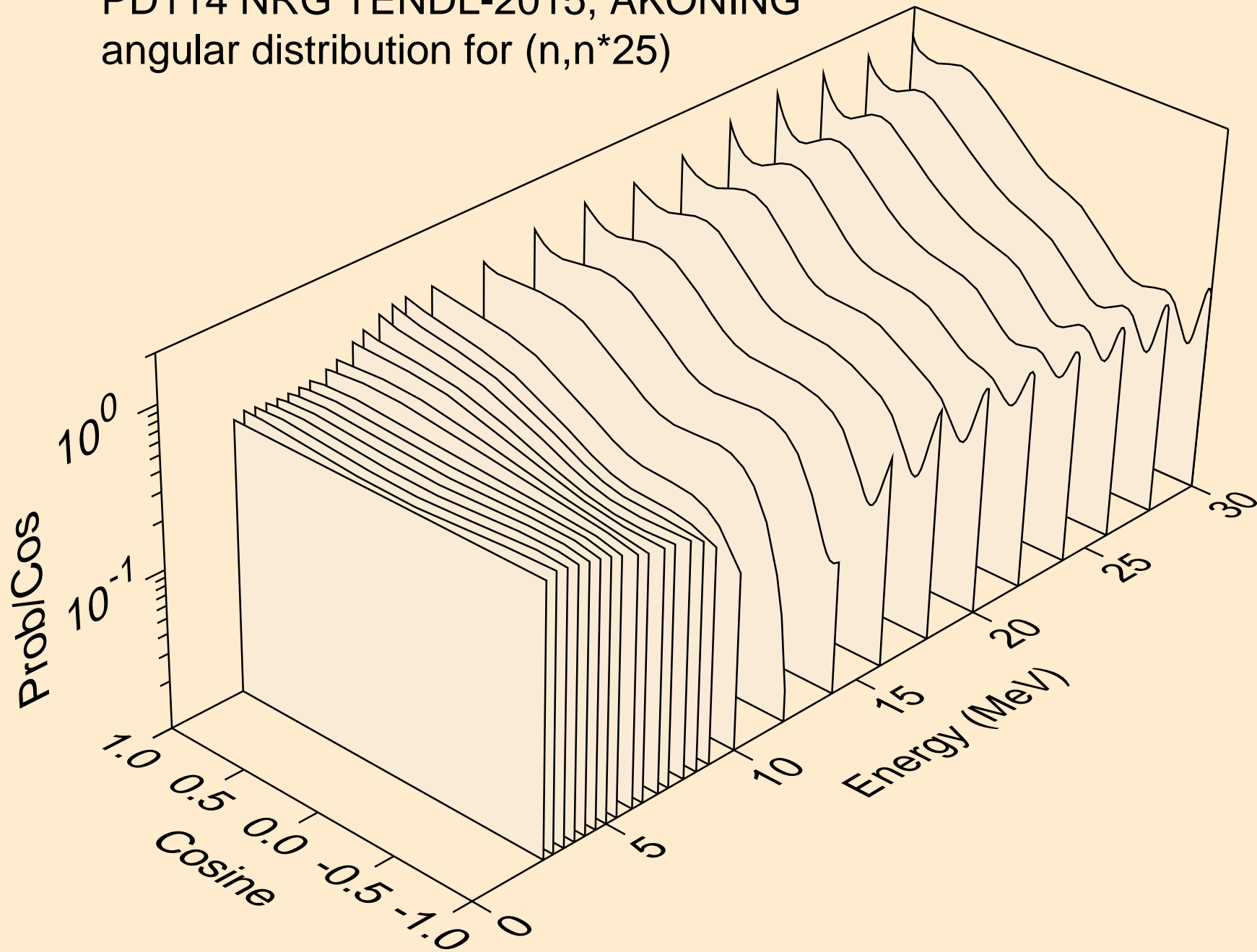




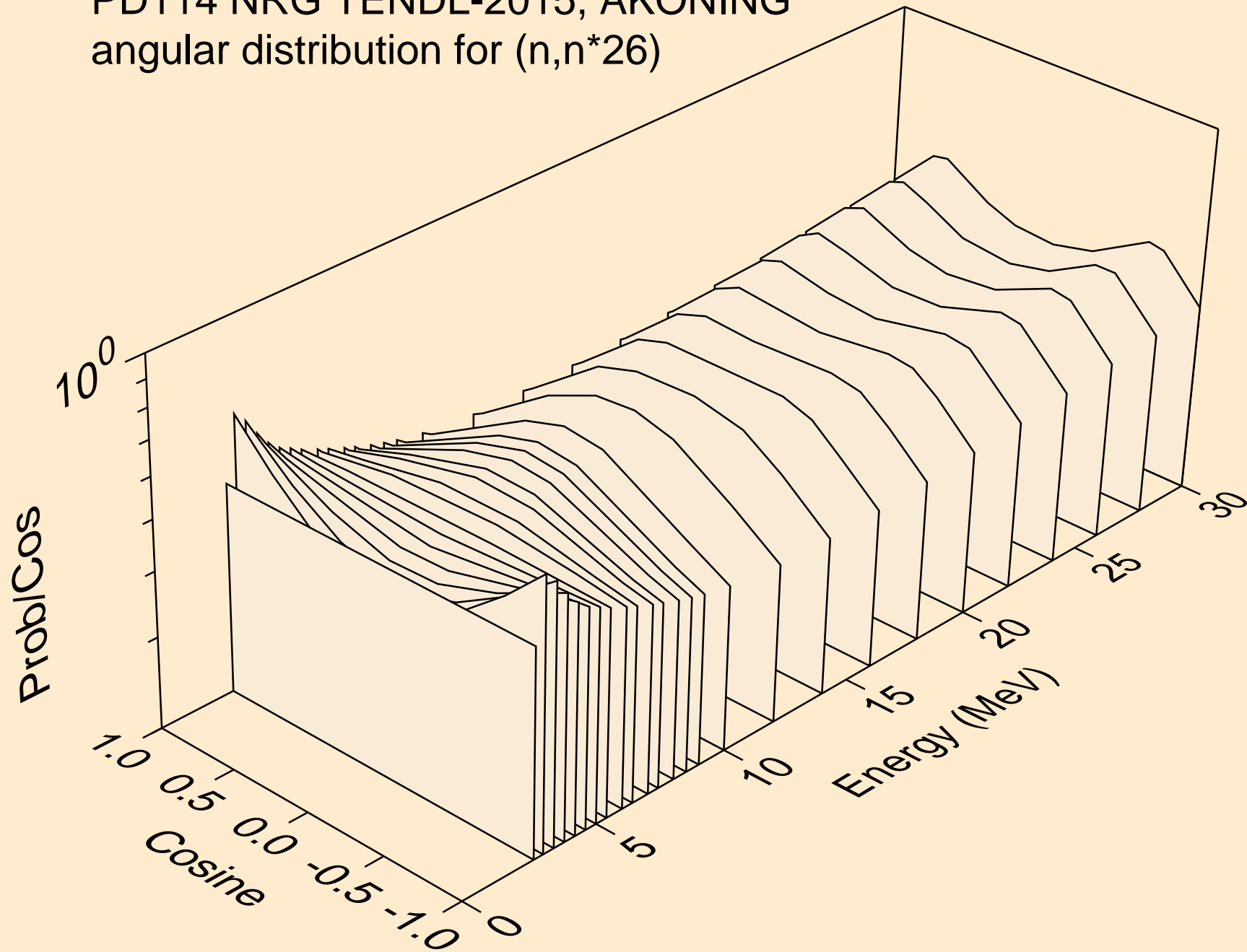
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



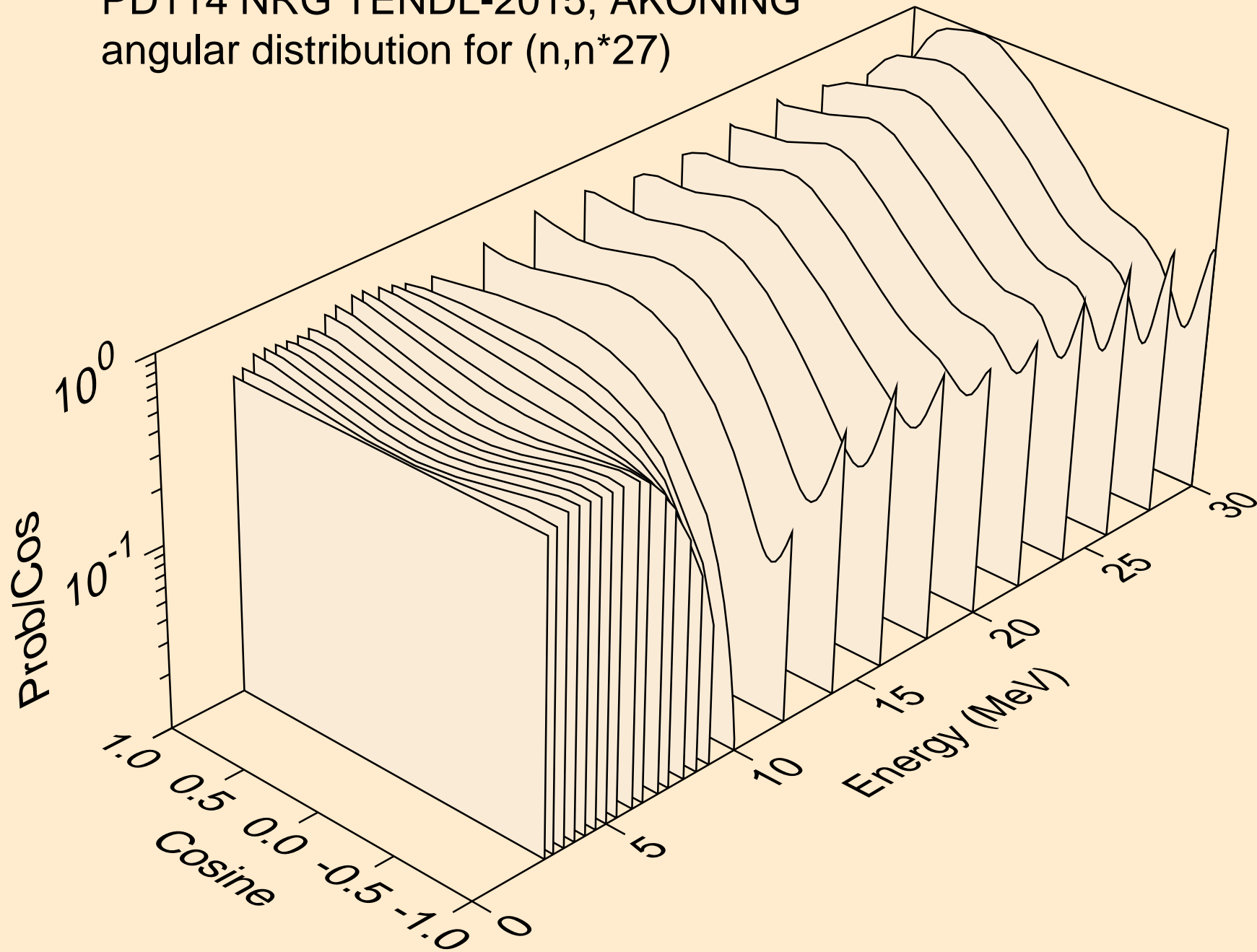
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



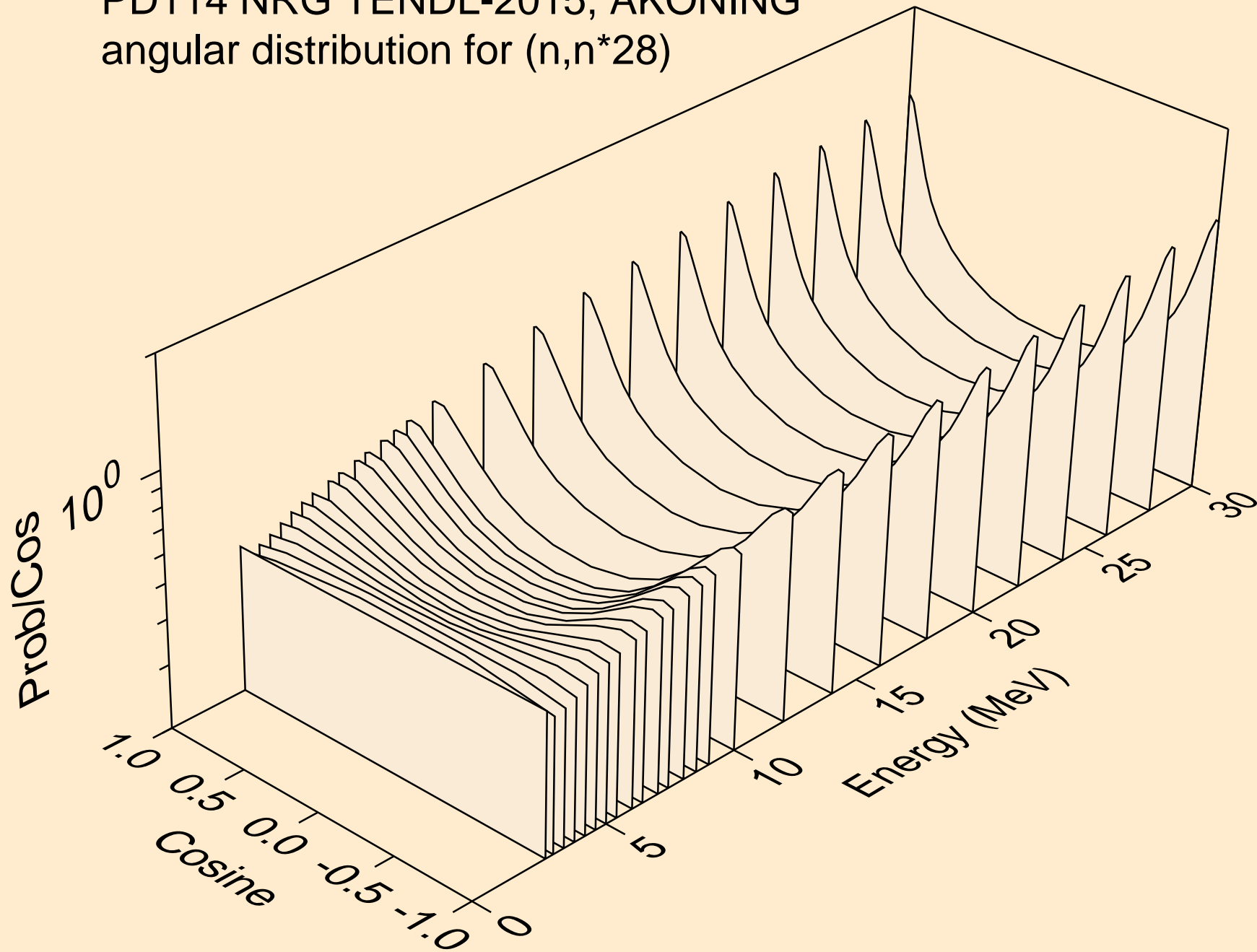
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



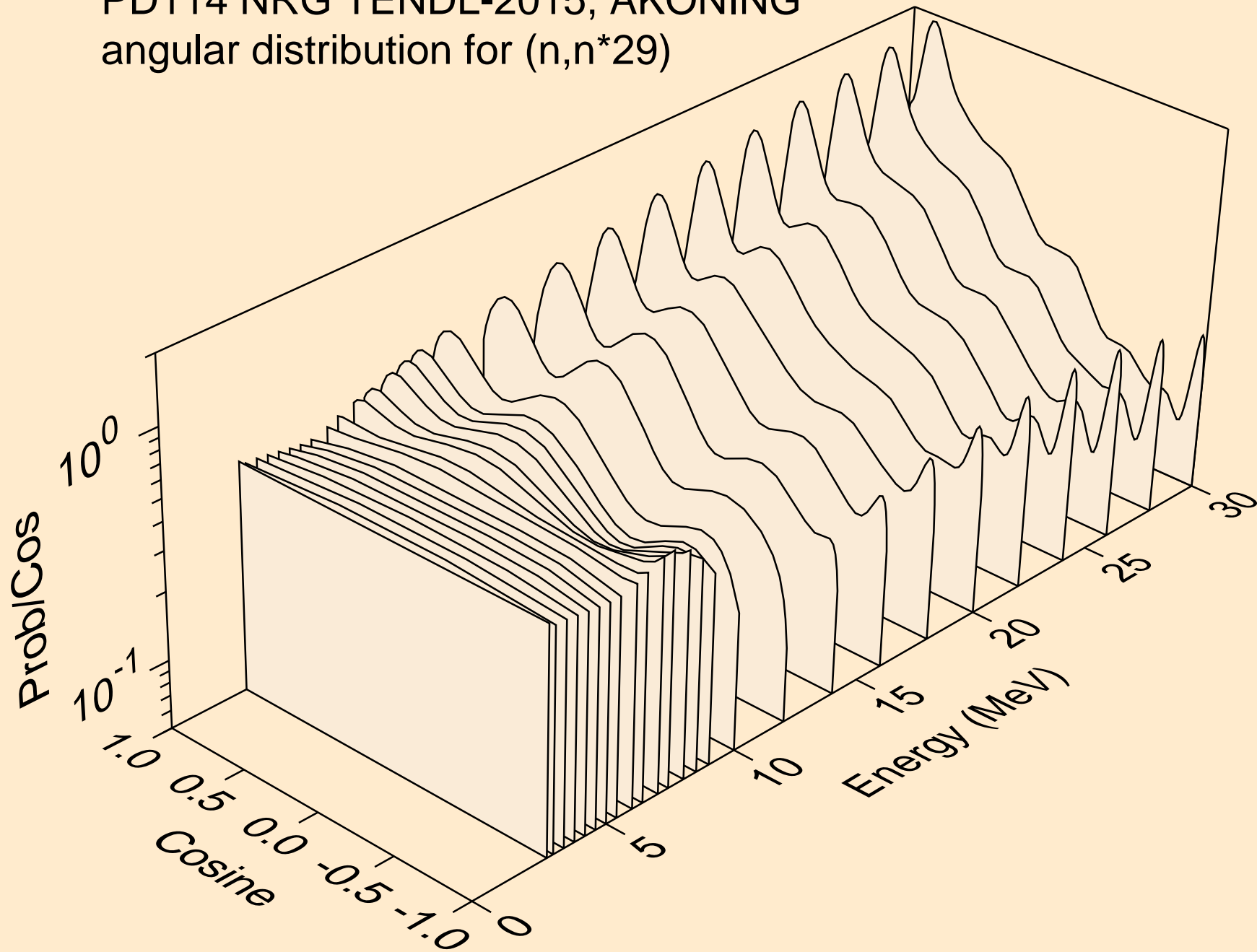
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



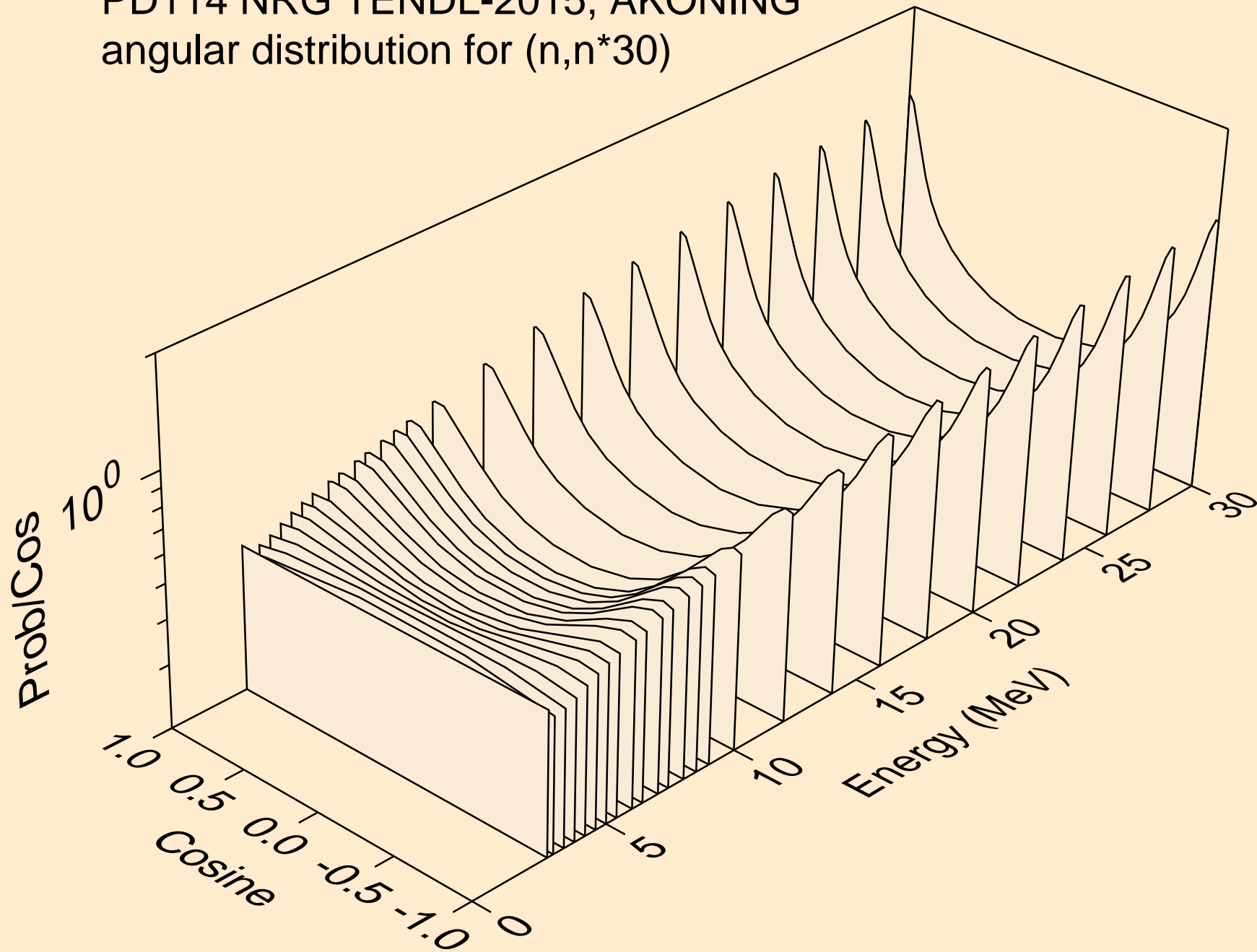
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



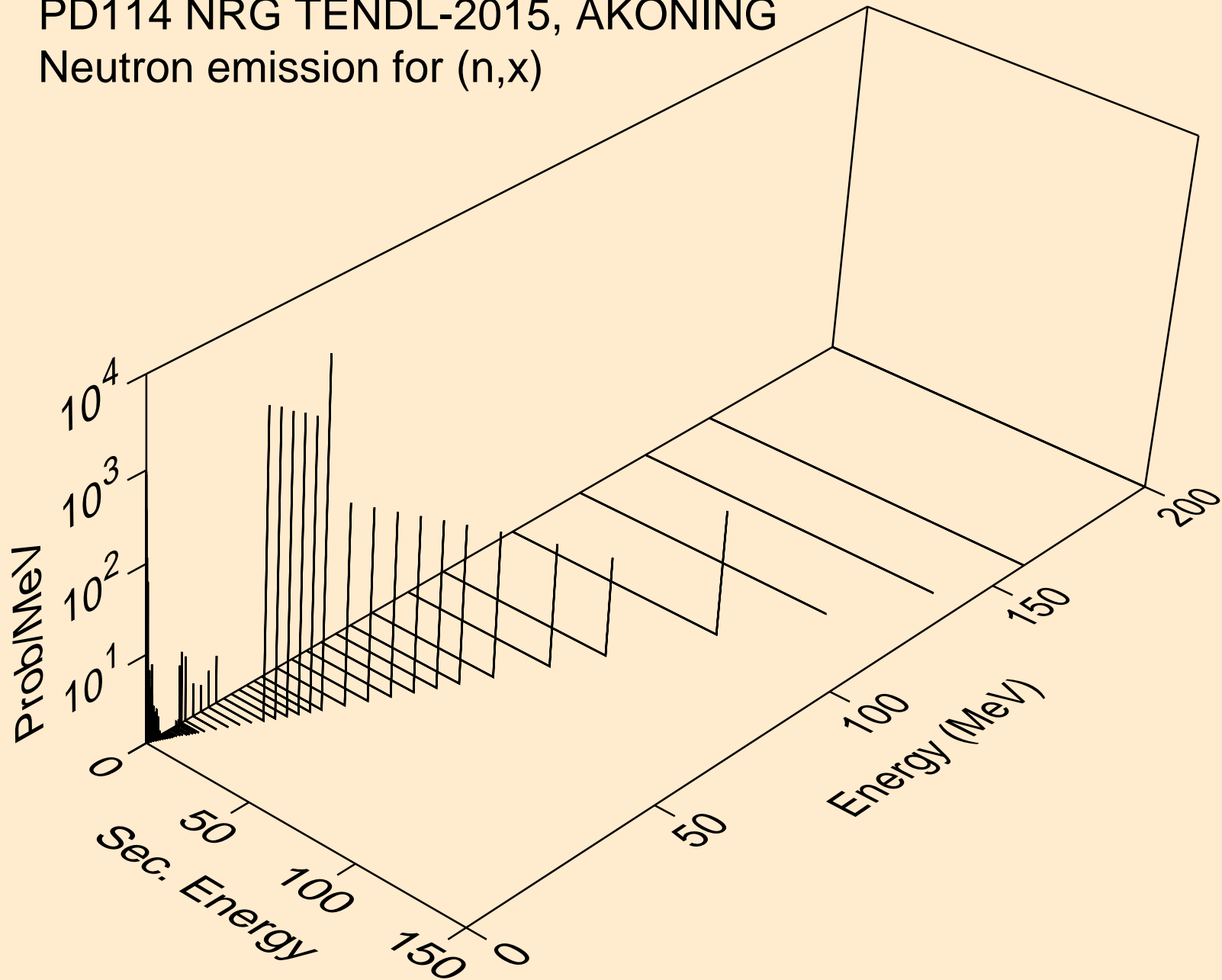
PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



PD114 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

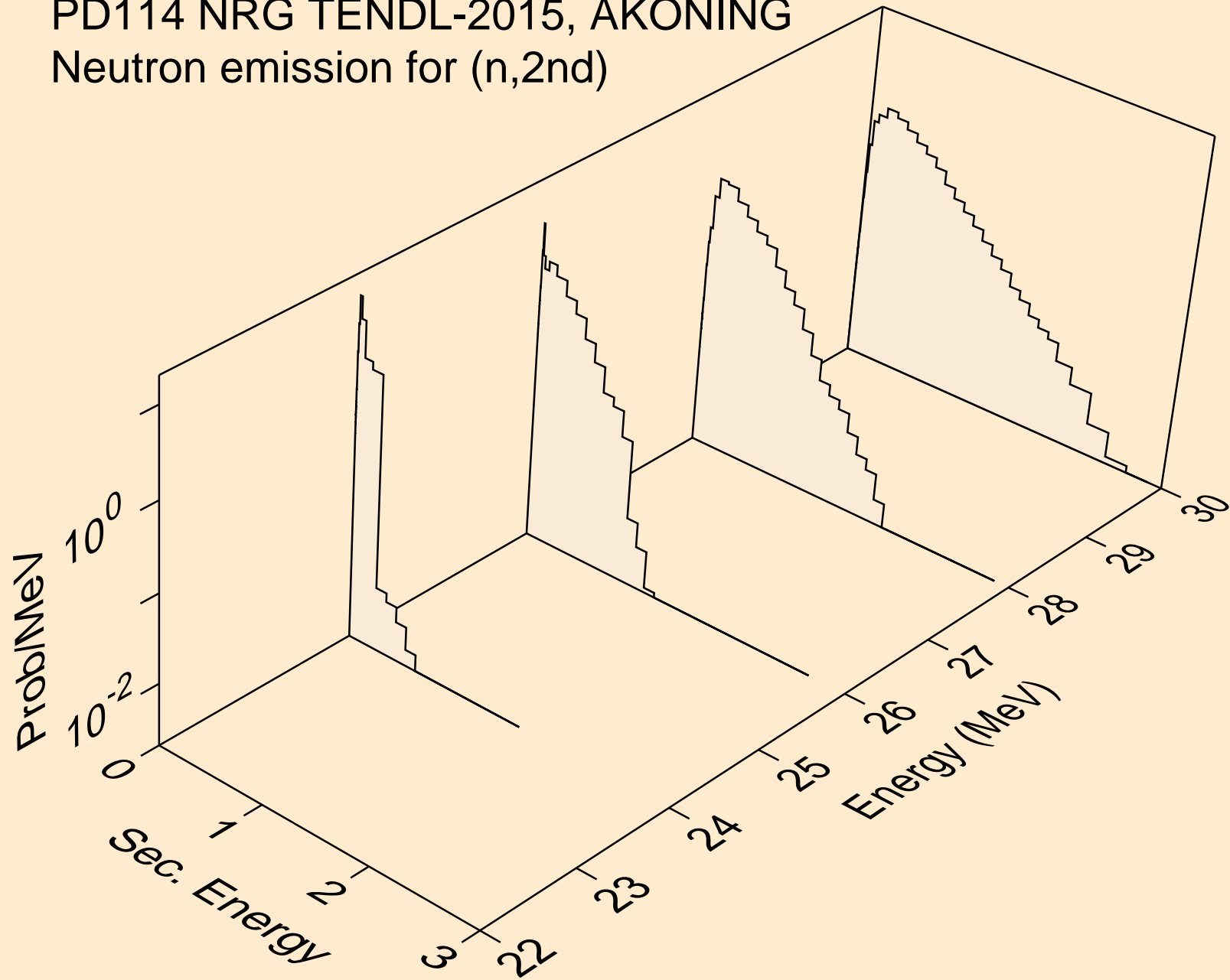


PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

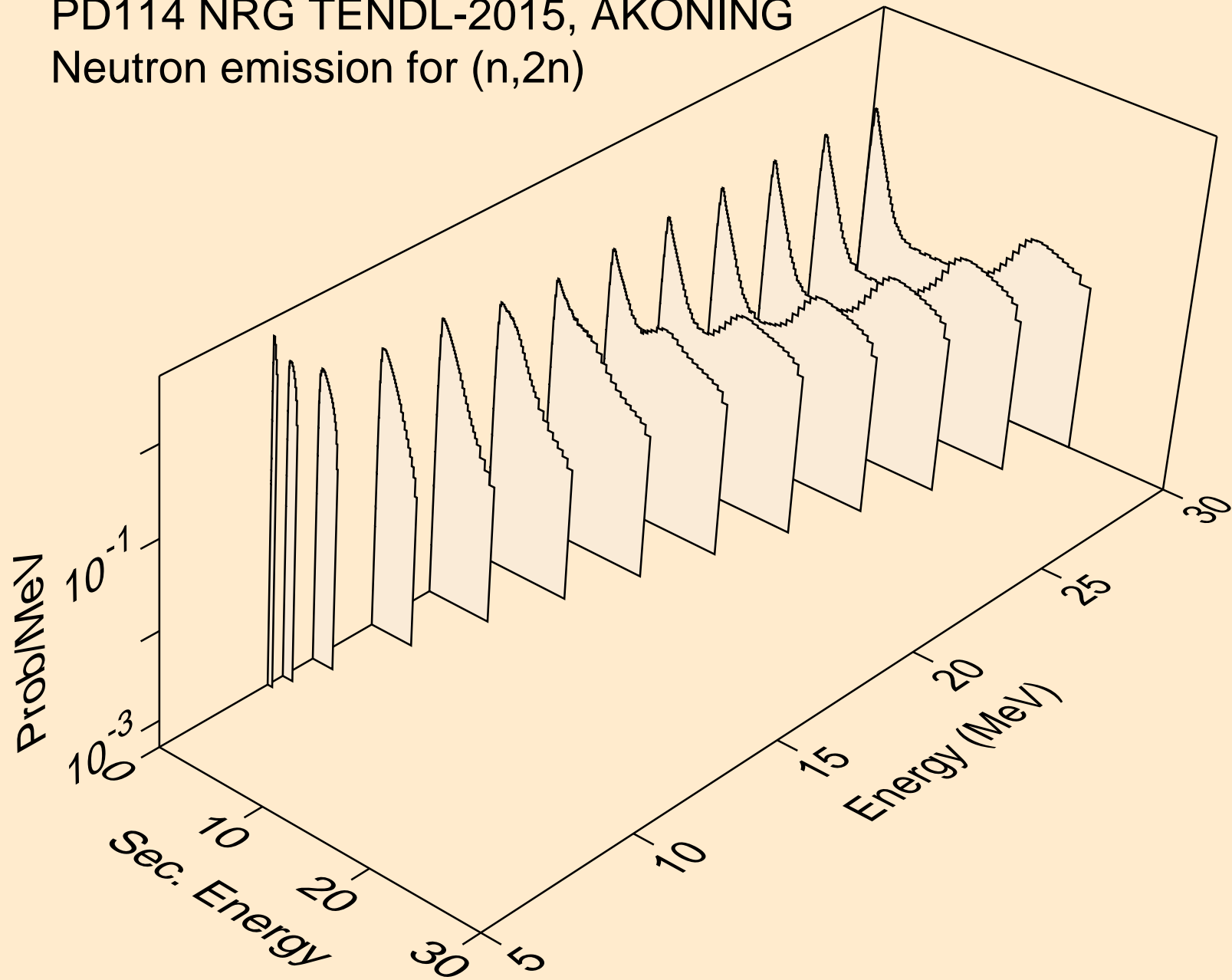




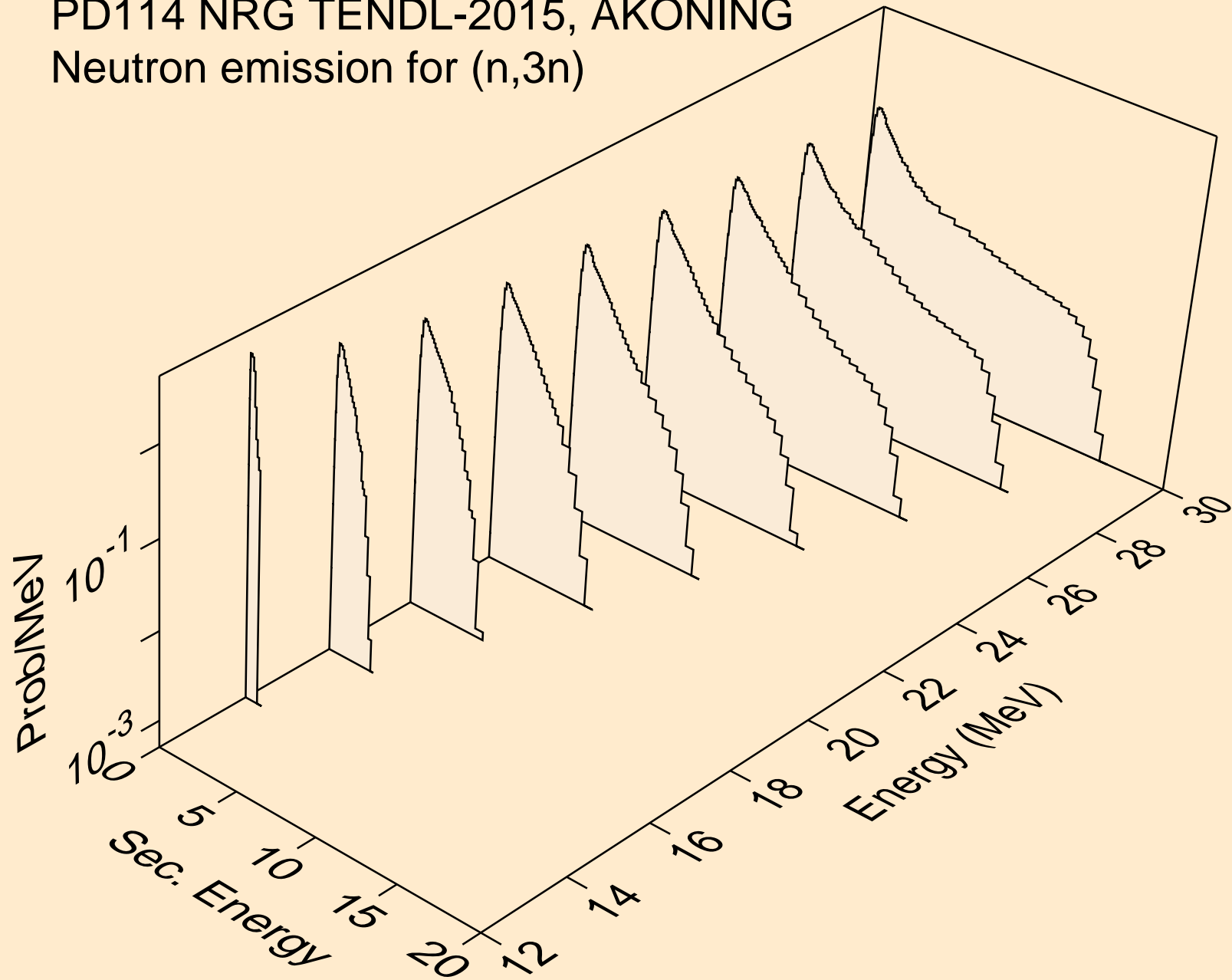
PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



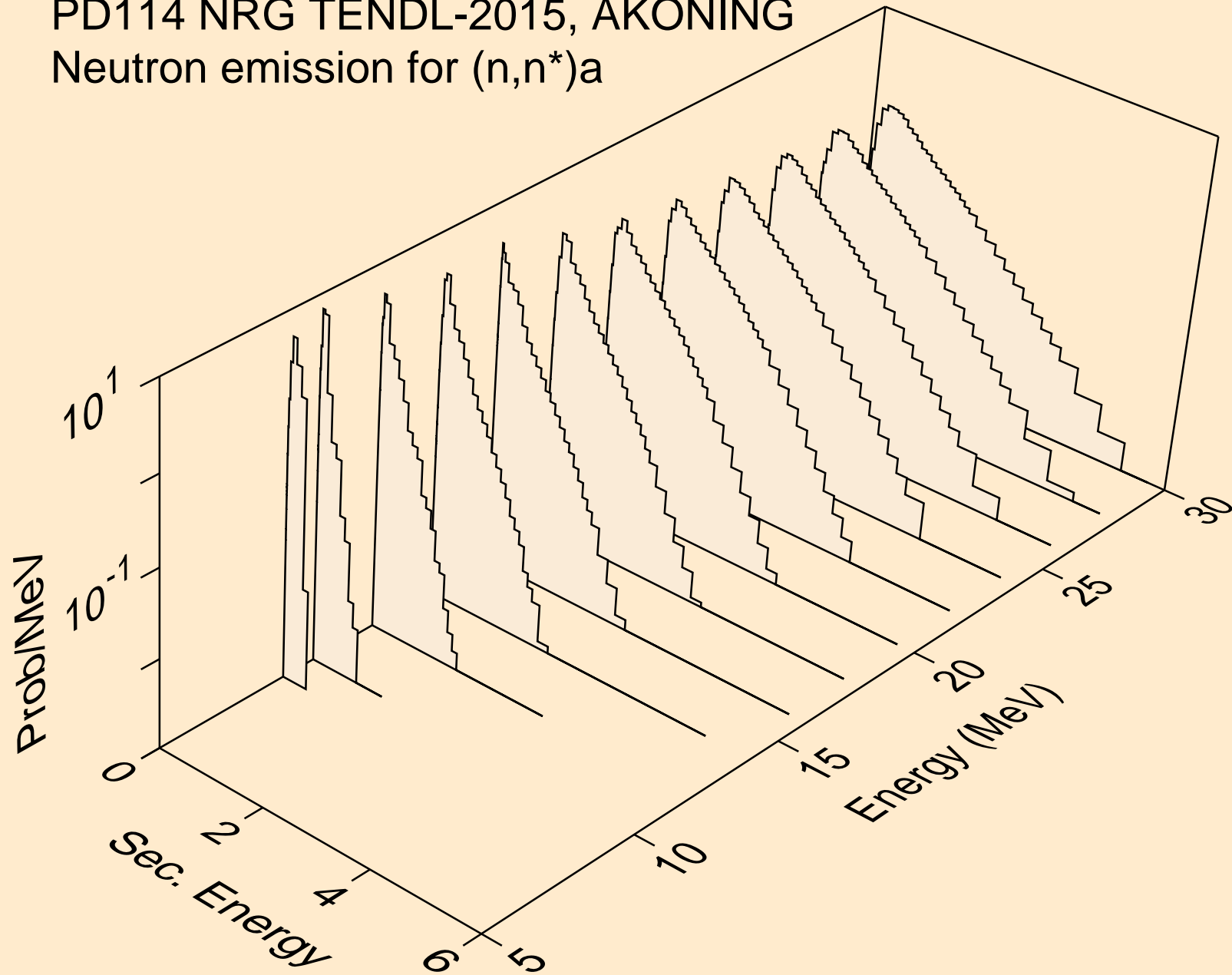
PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



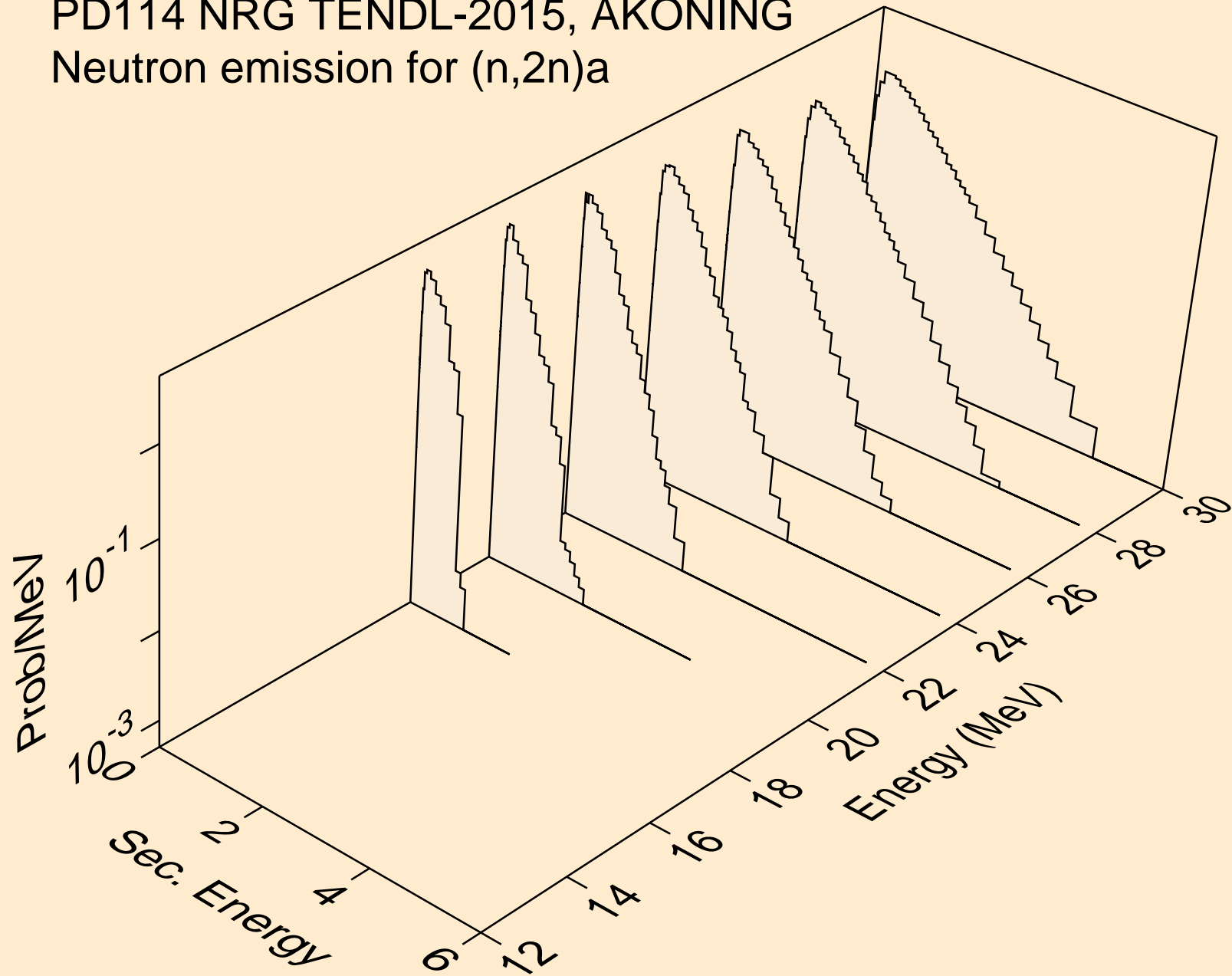
PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



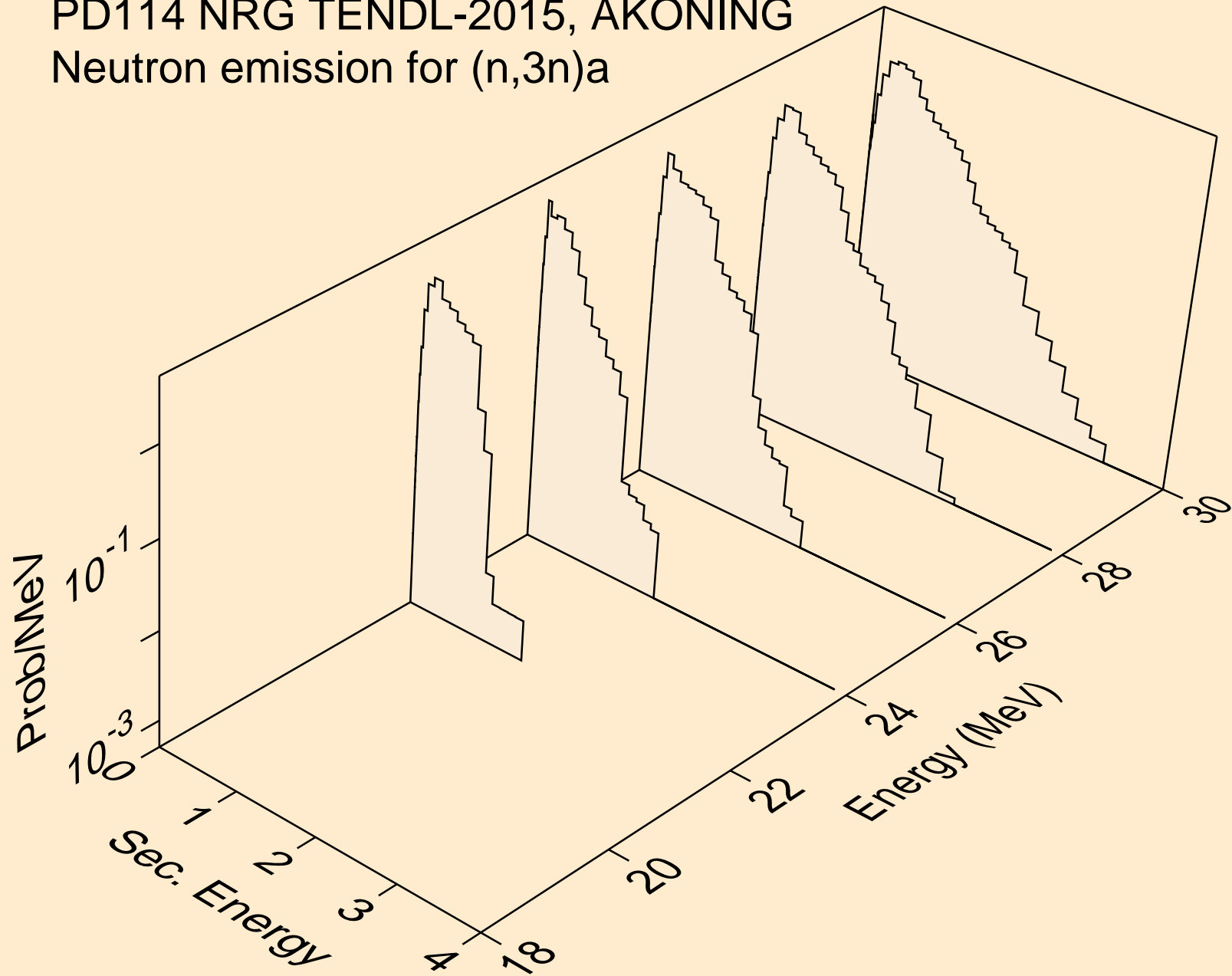
PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



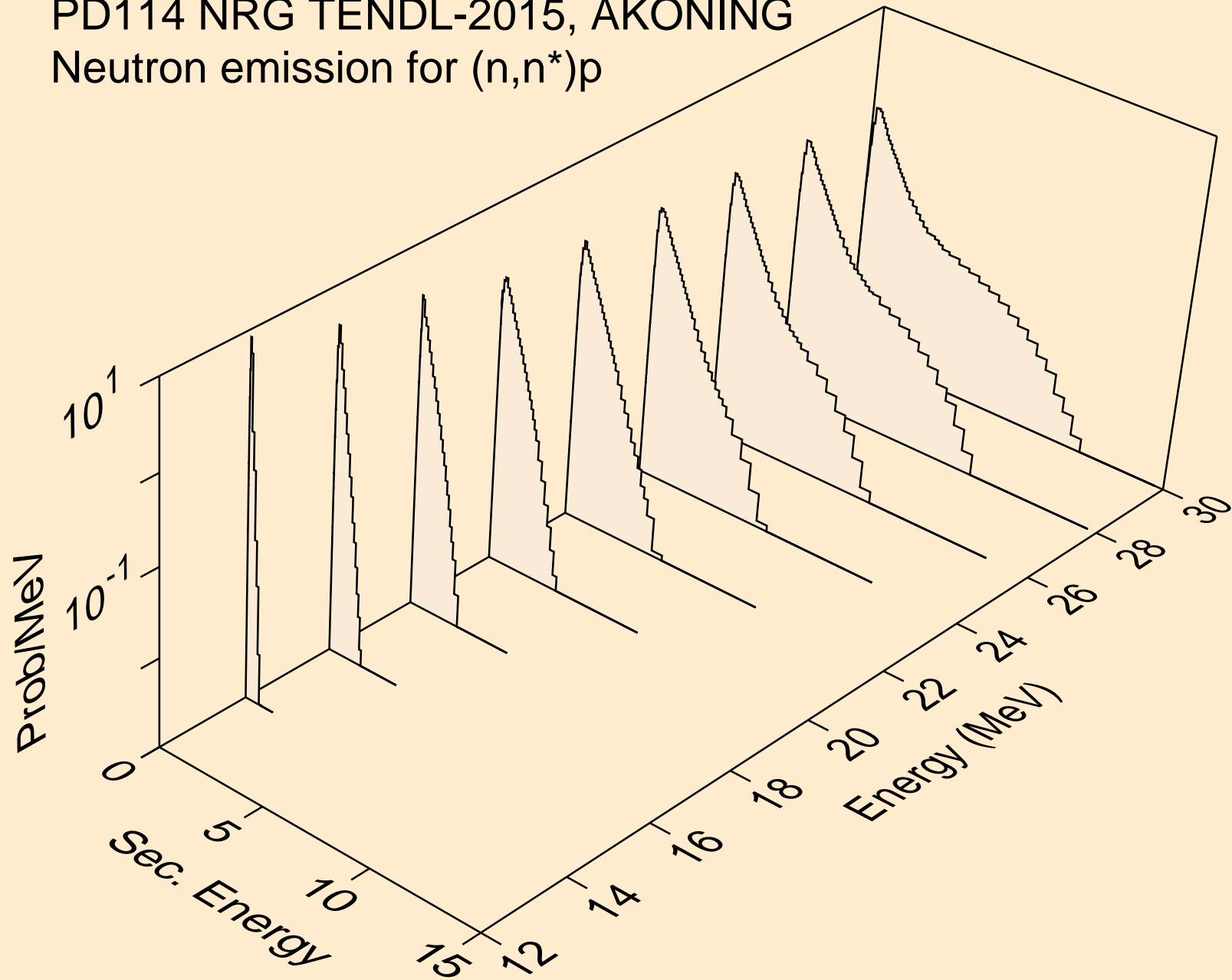
PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



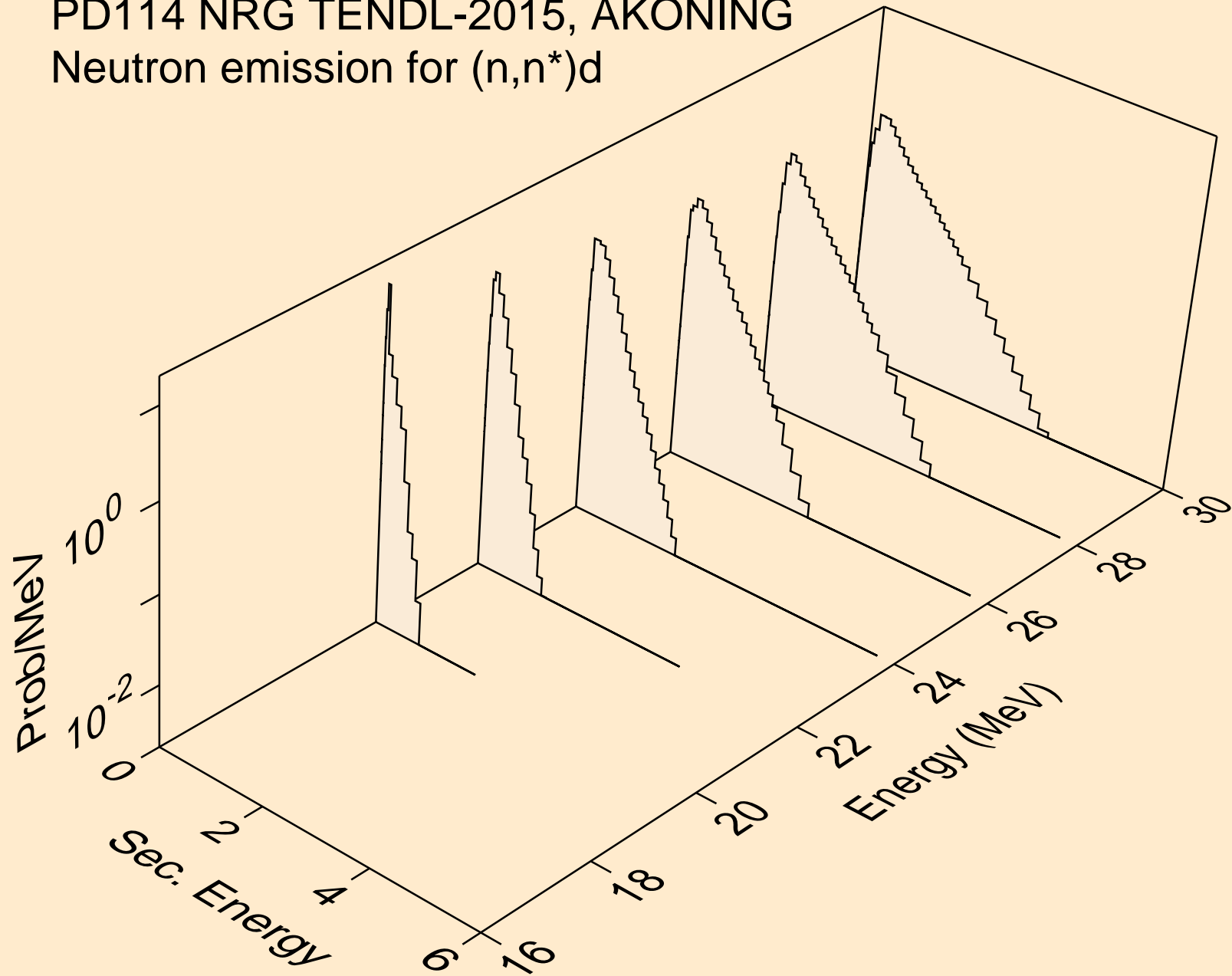
PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

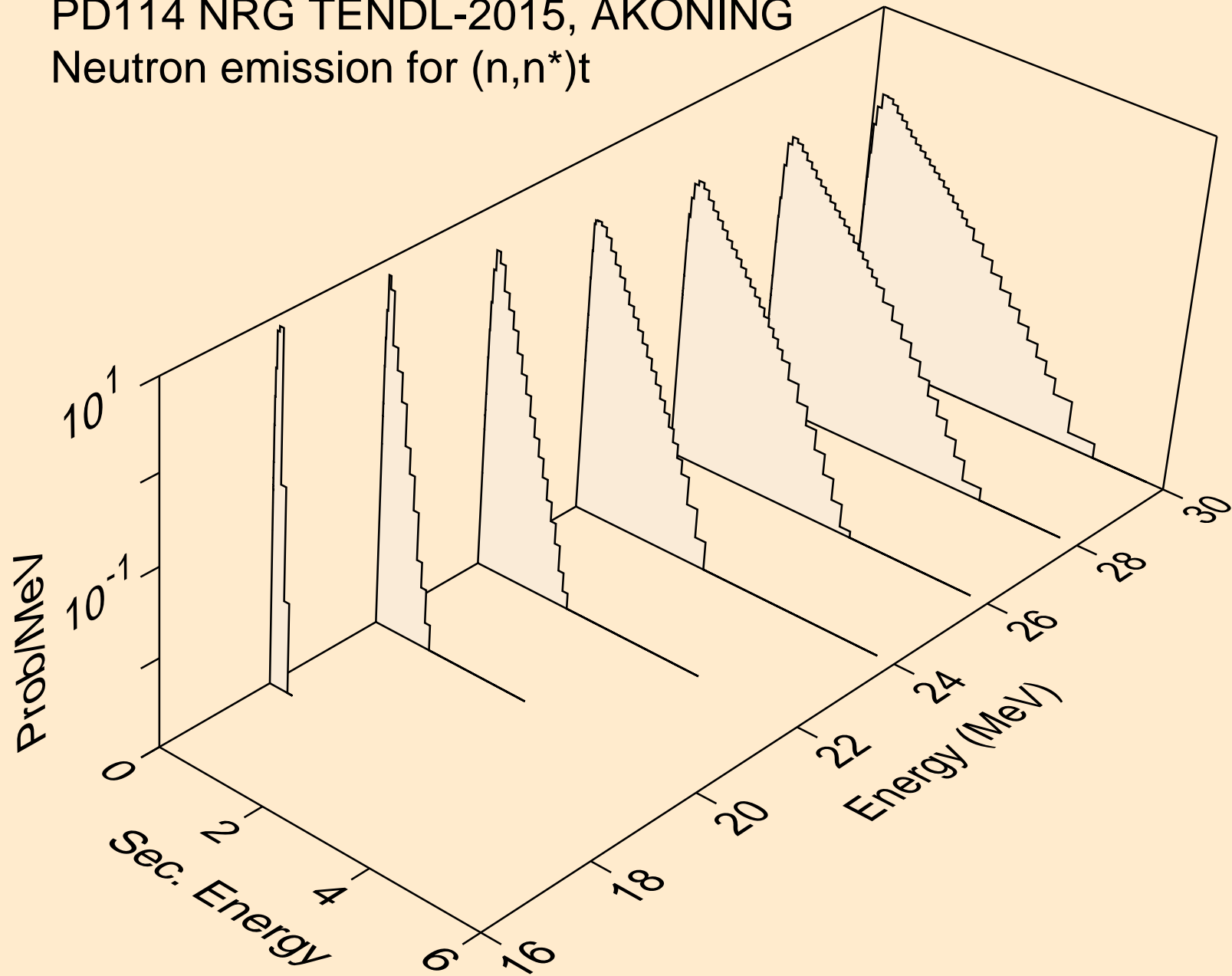


PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

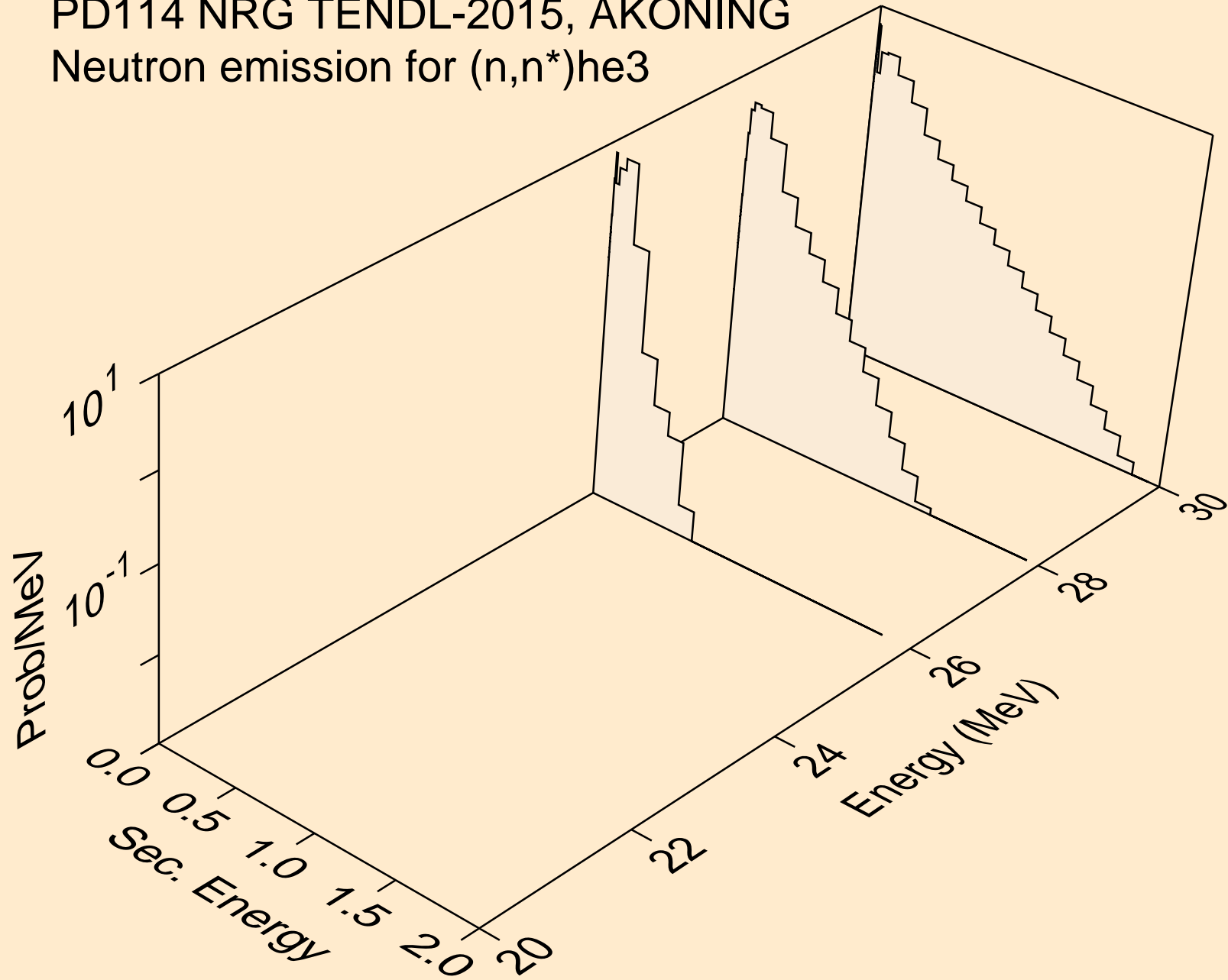




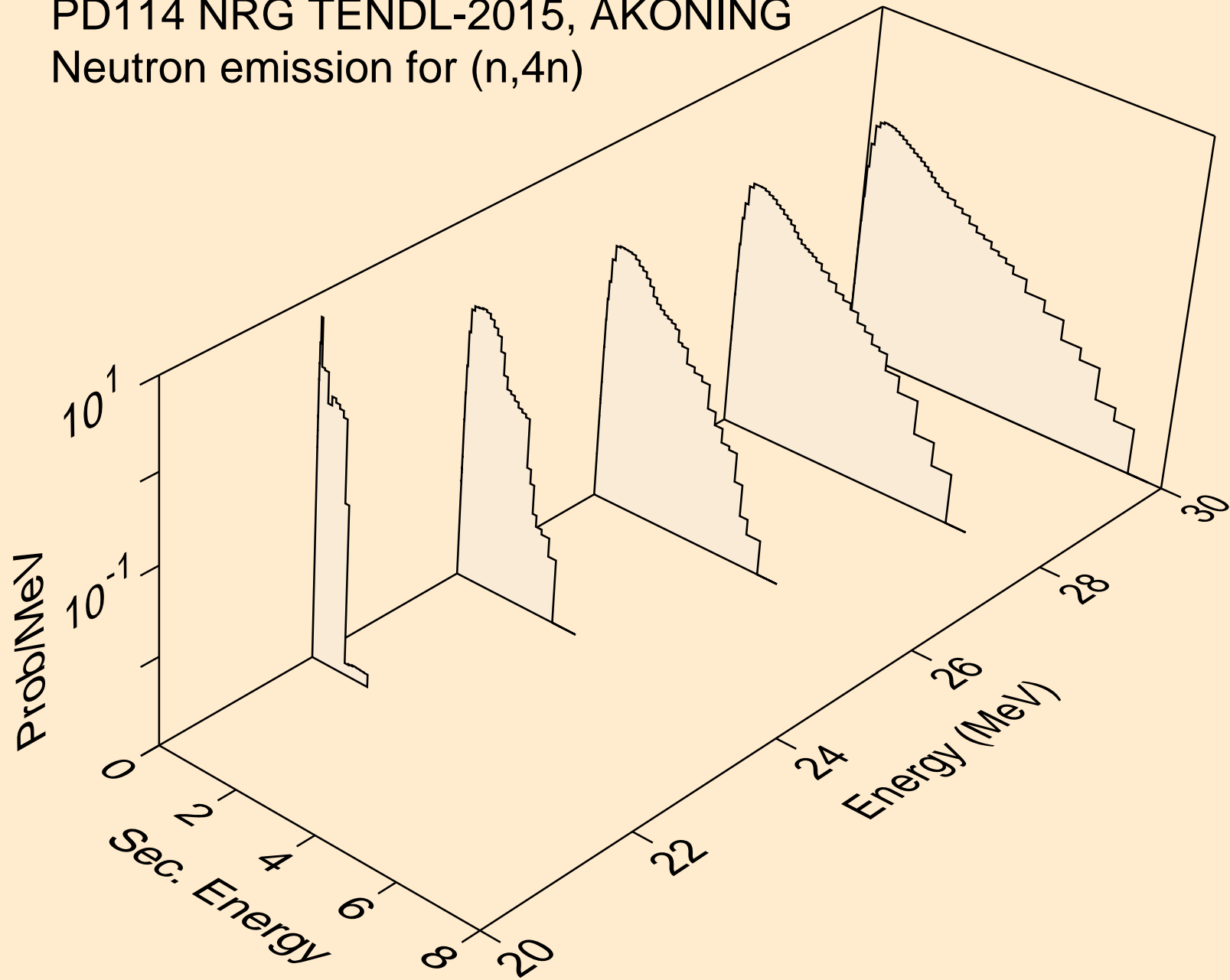
PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



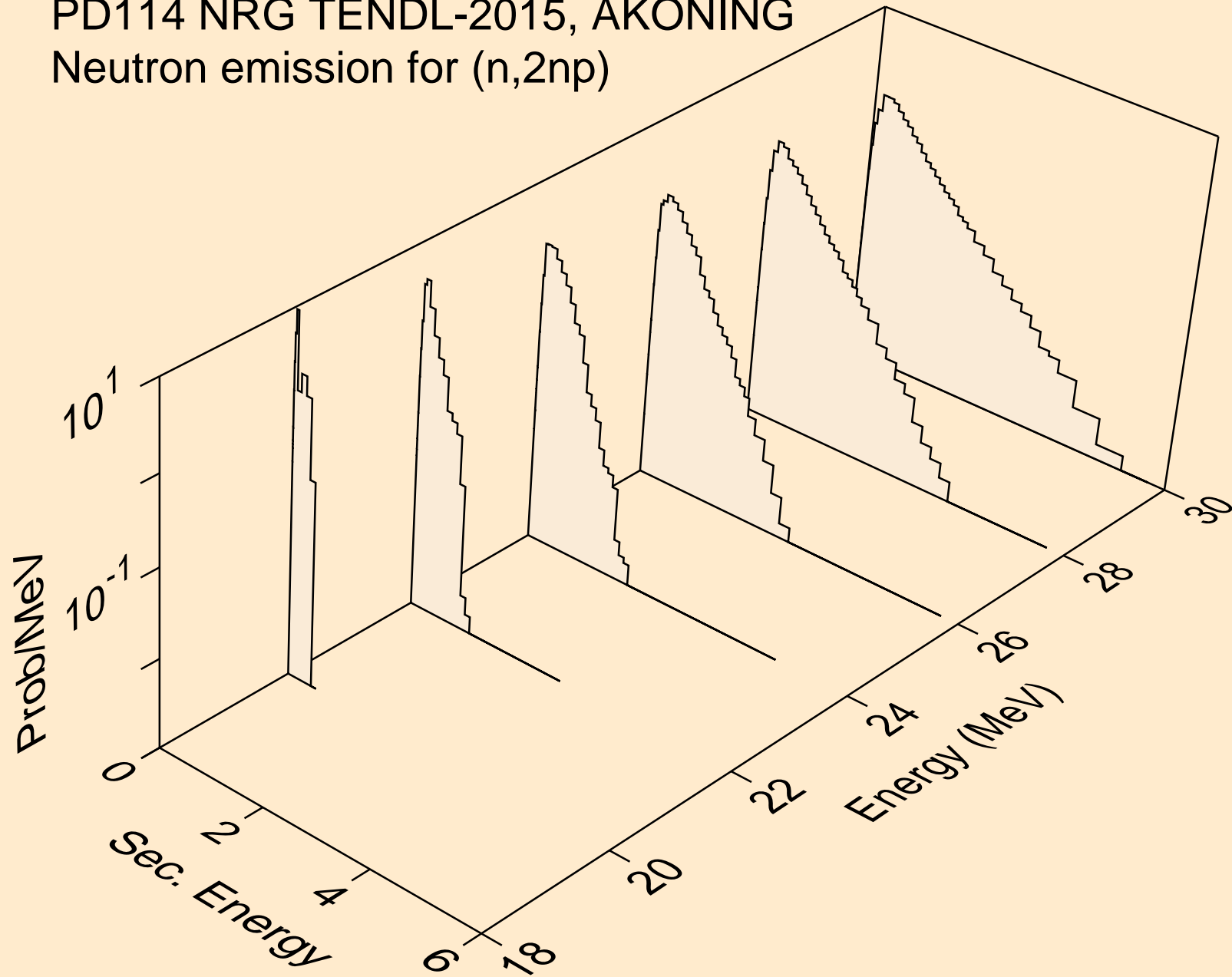
PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



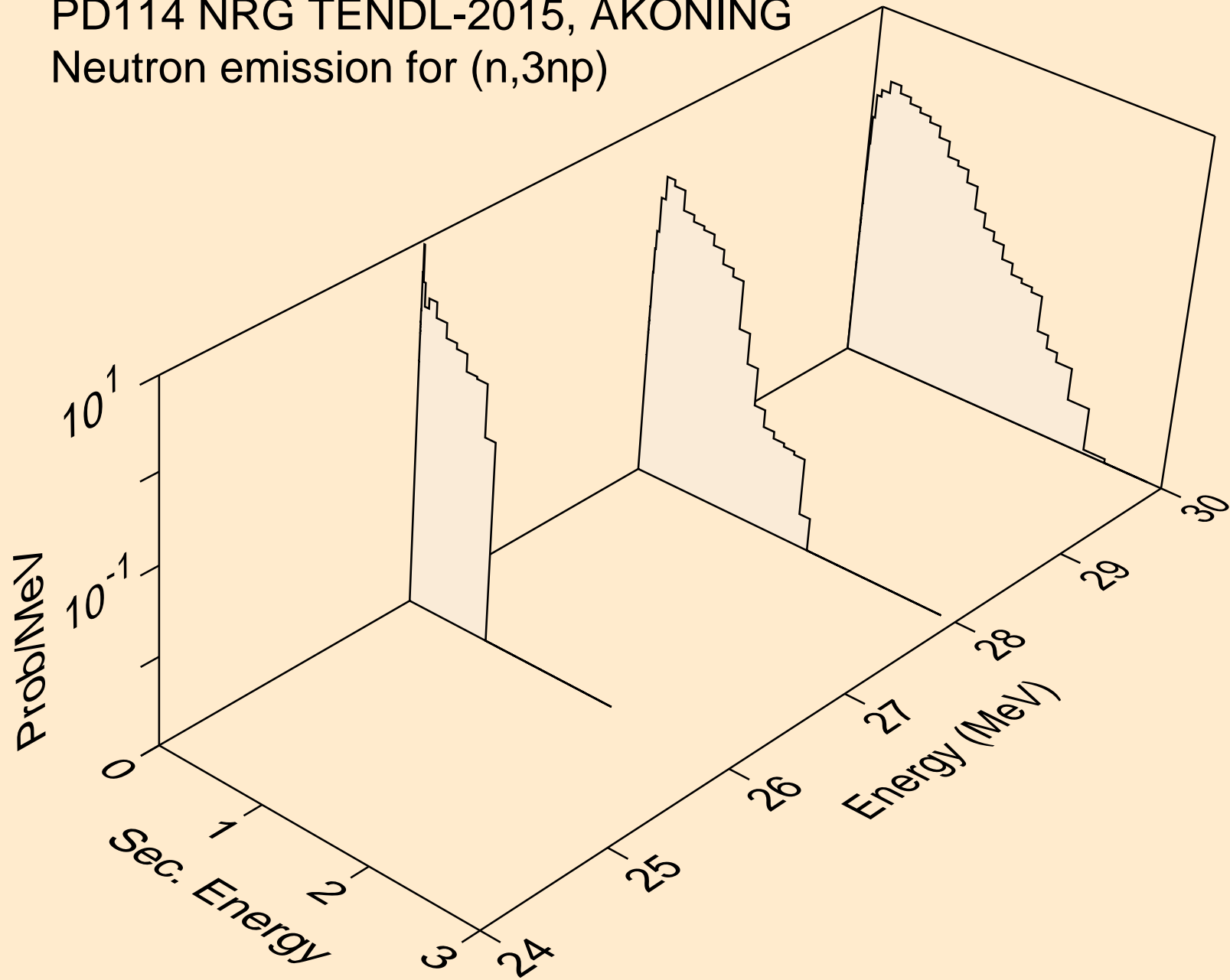
PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



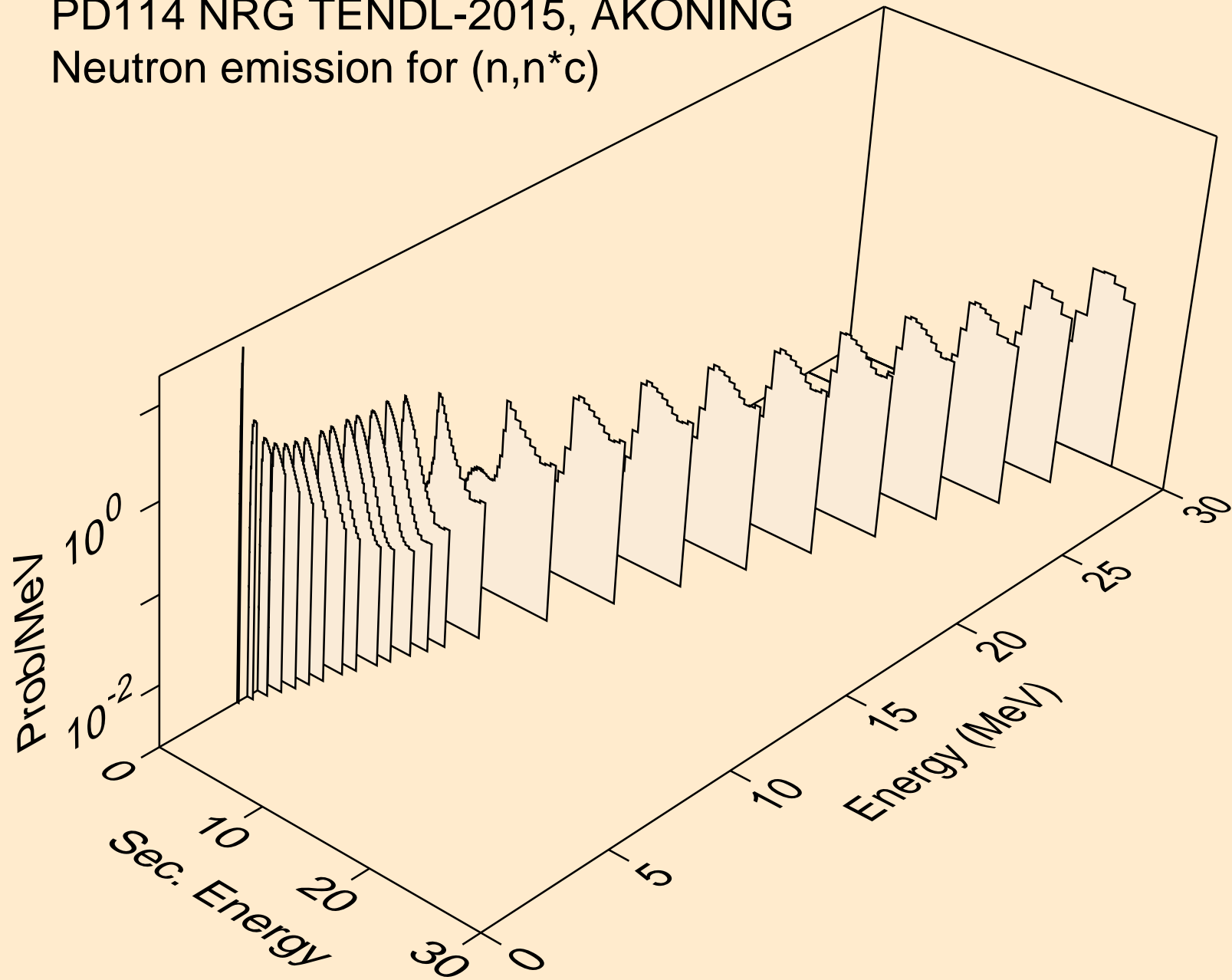
PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



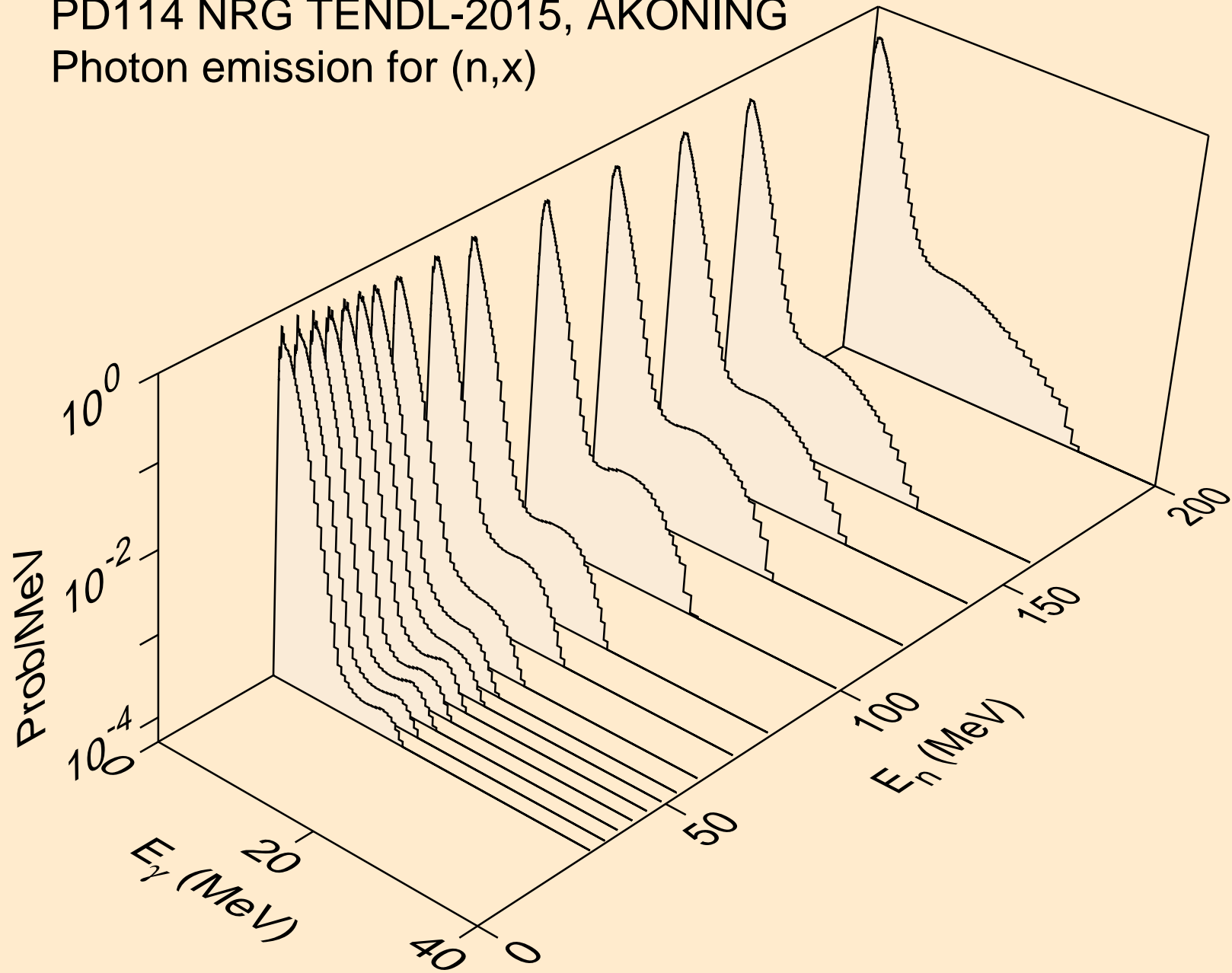
PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



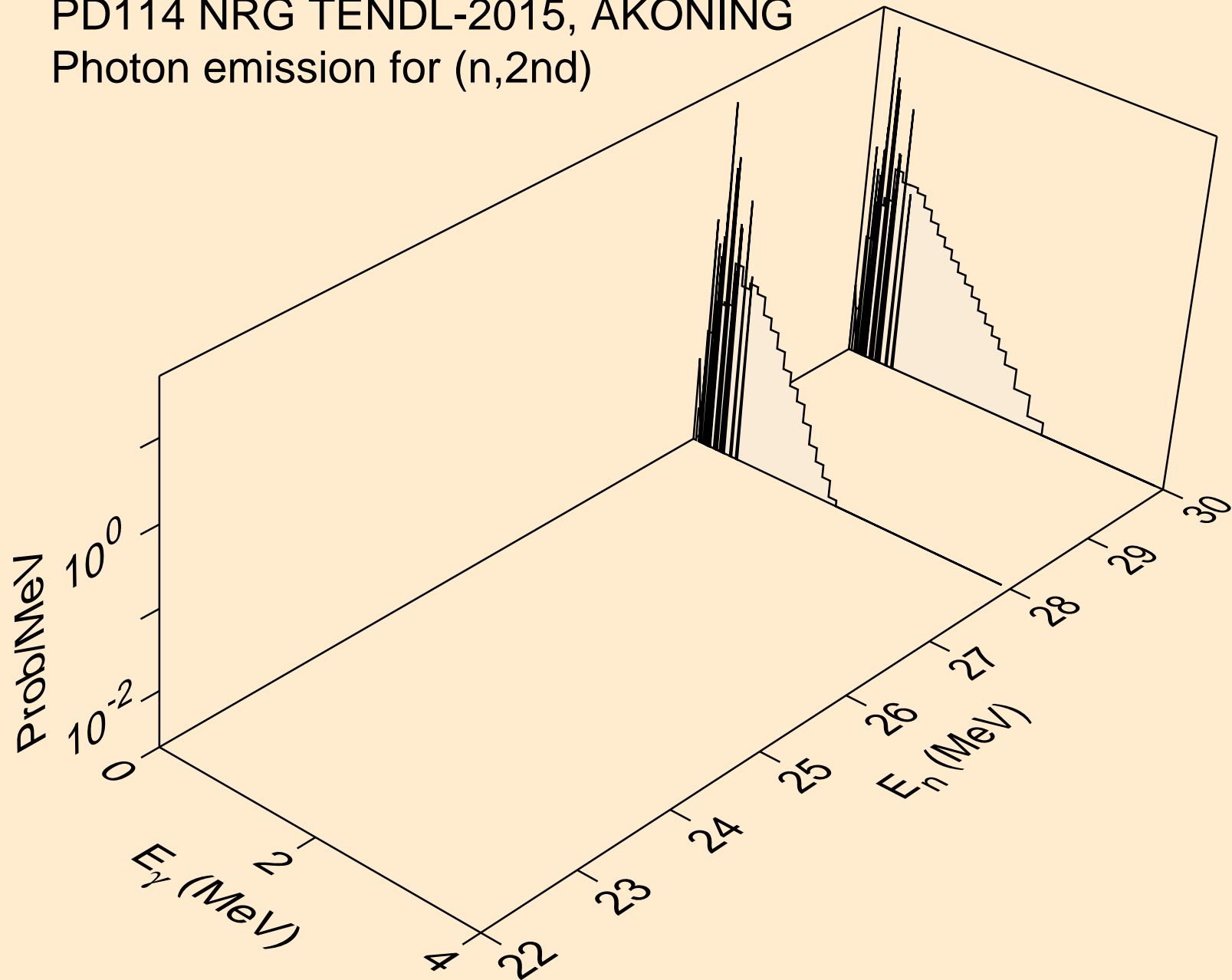
PD114 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

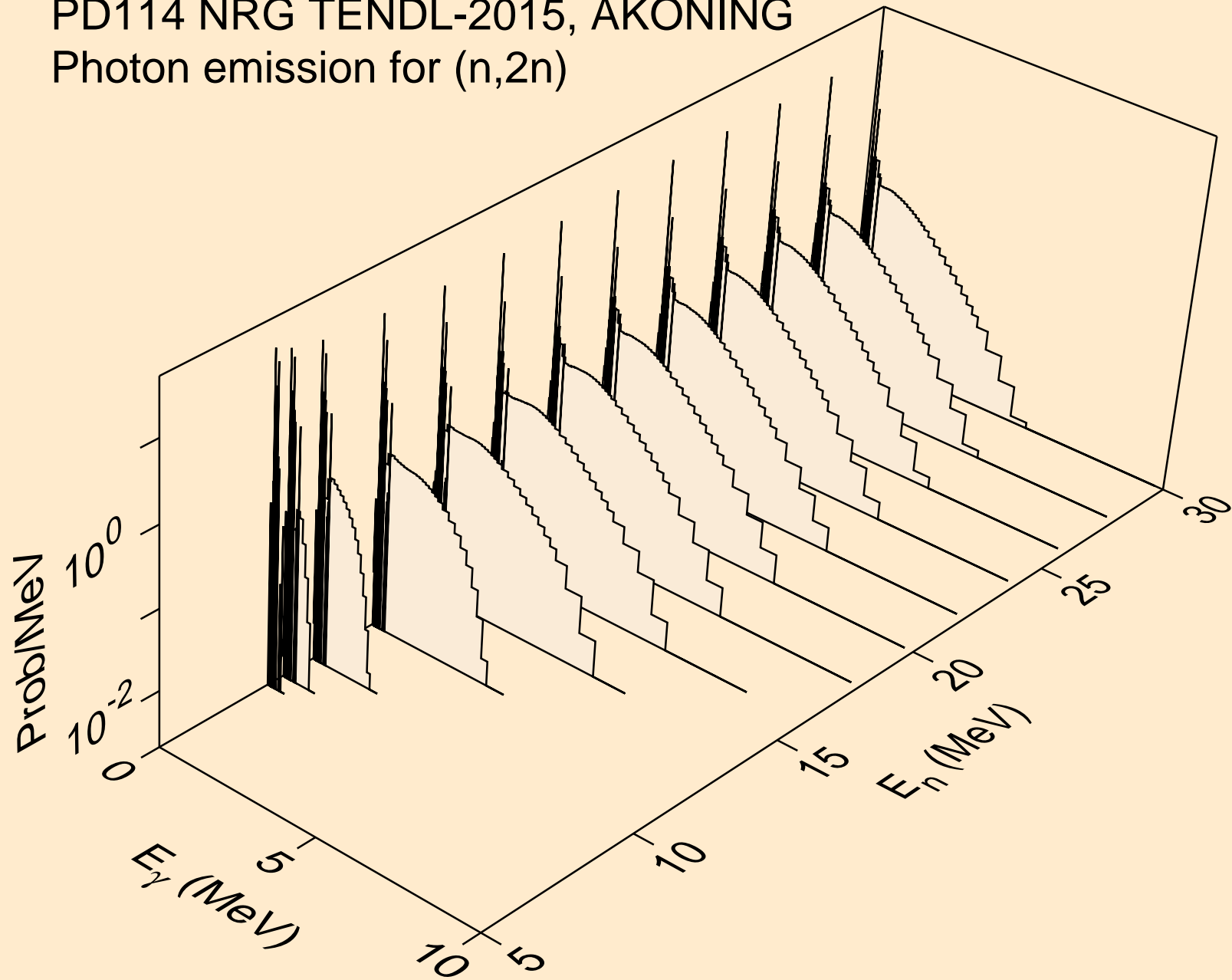


PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

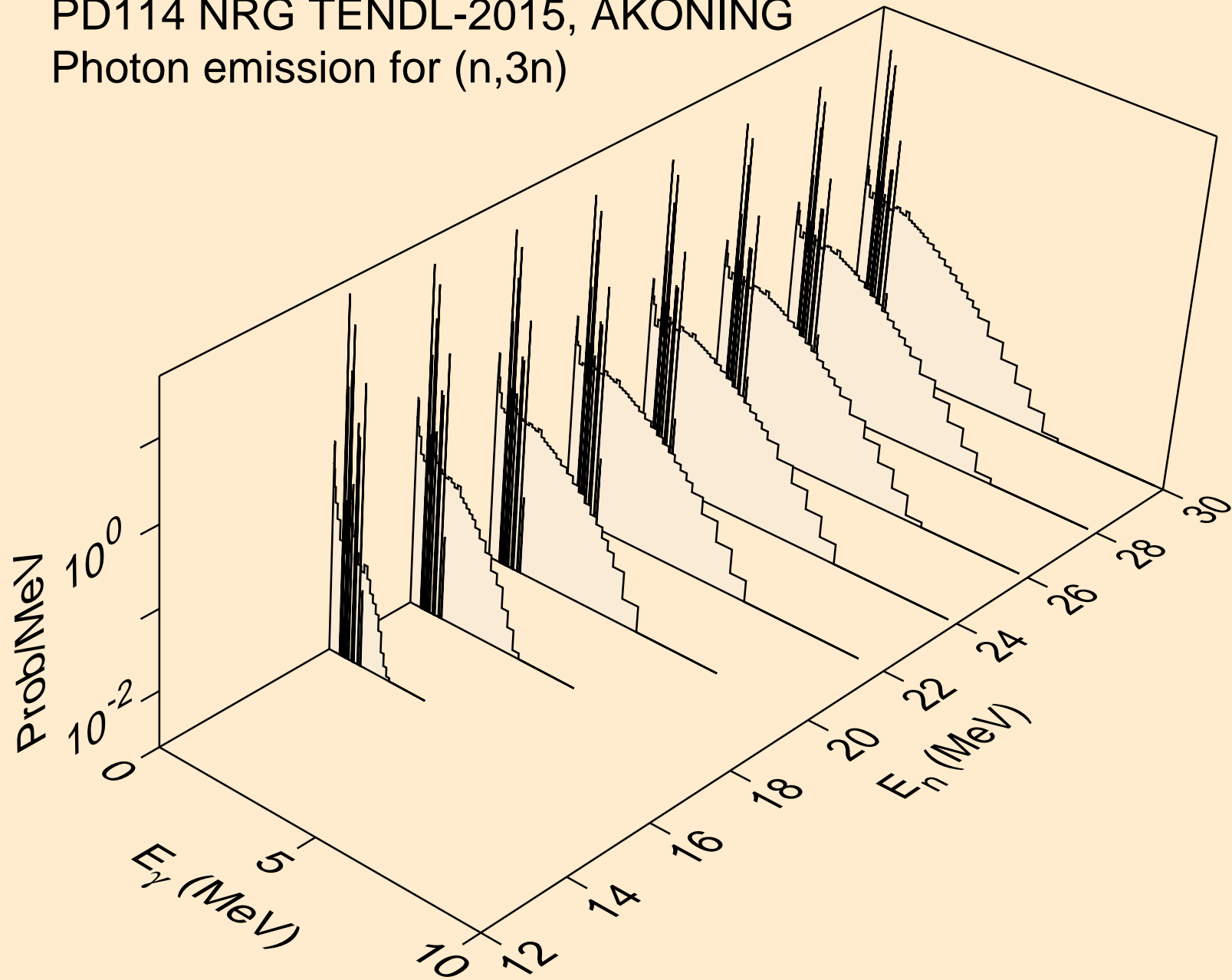




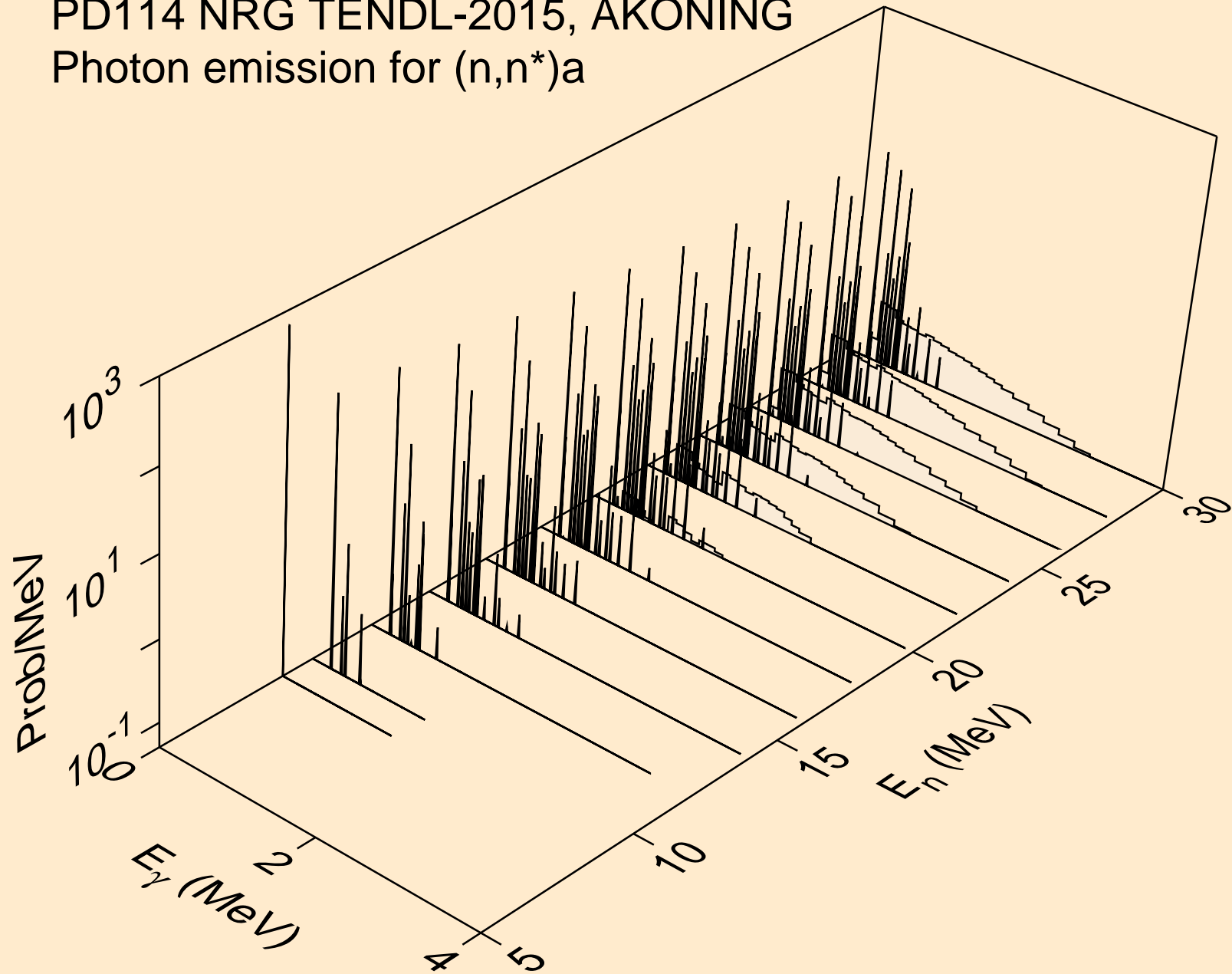
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



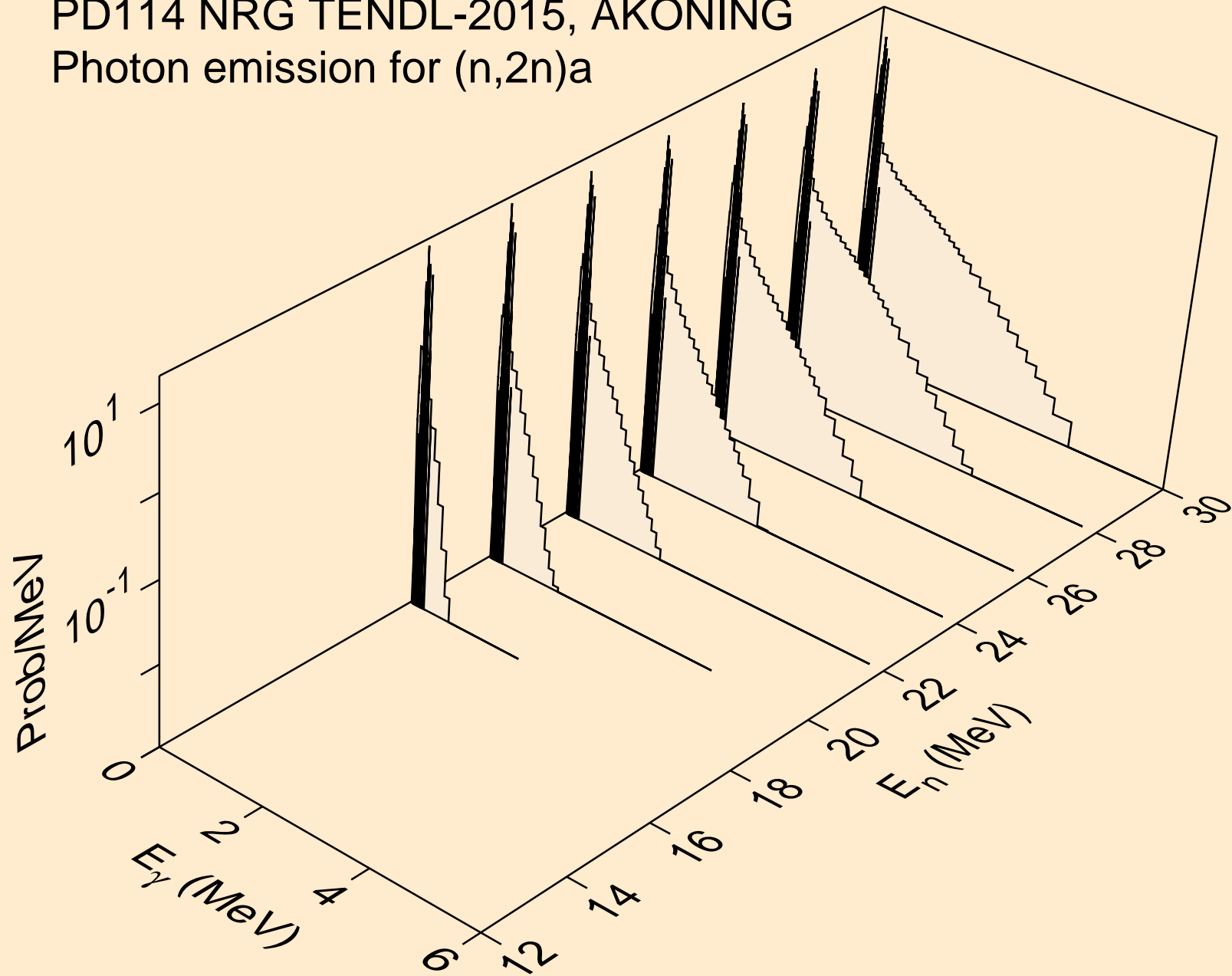
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



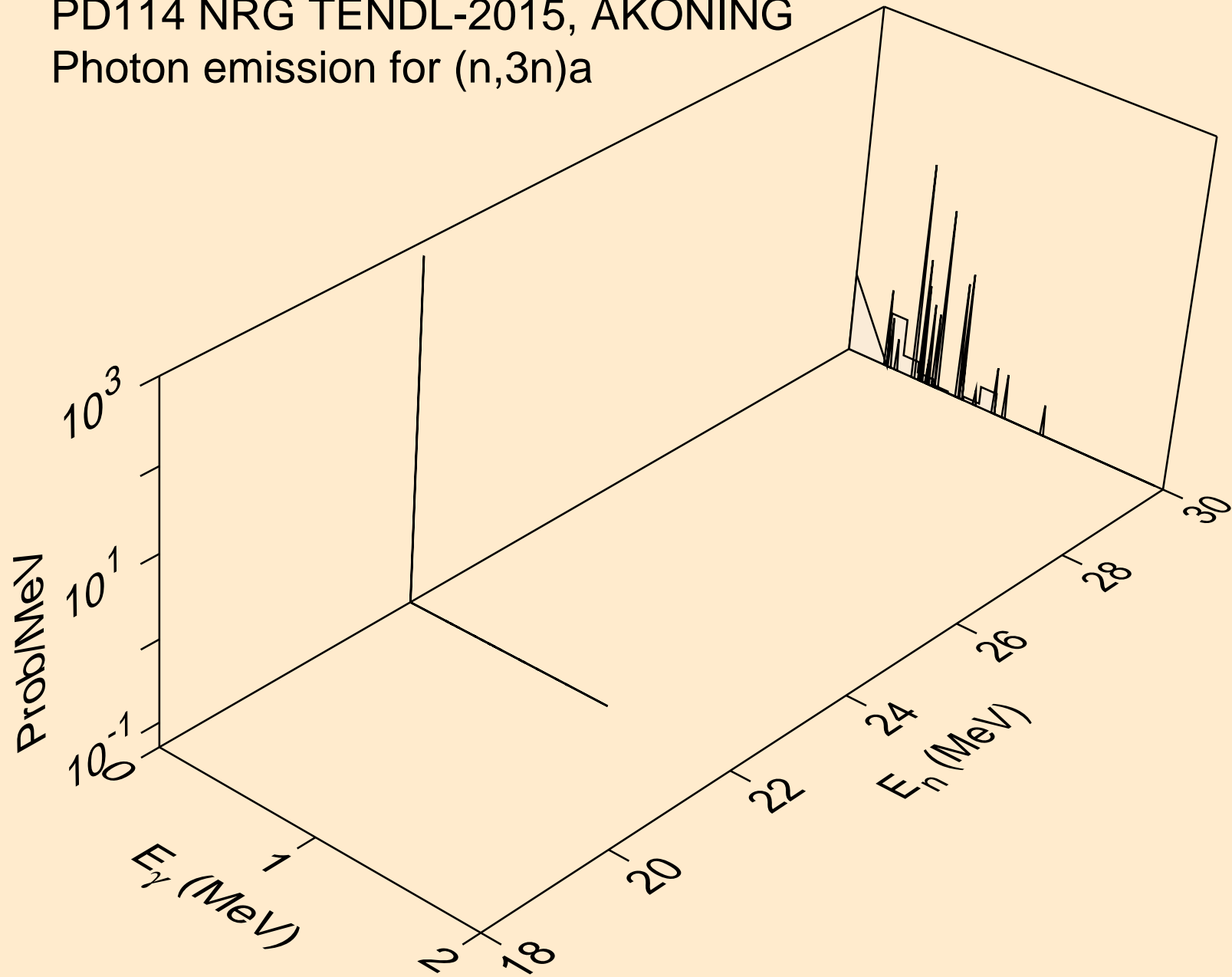
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



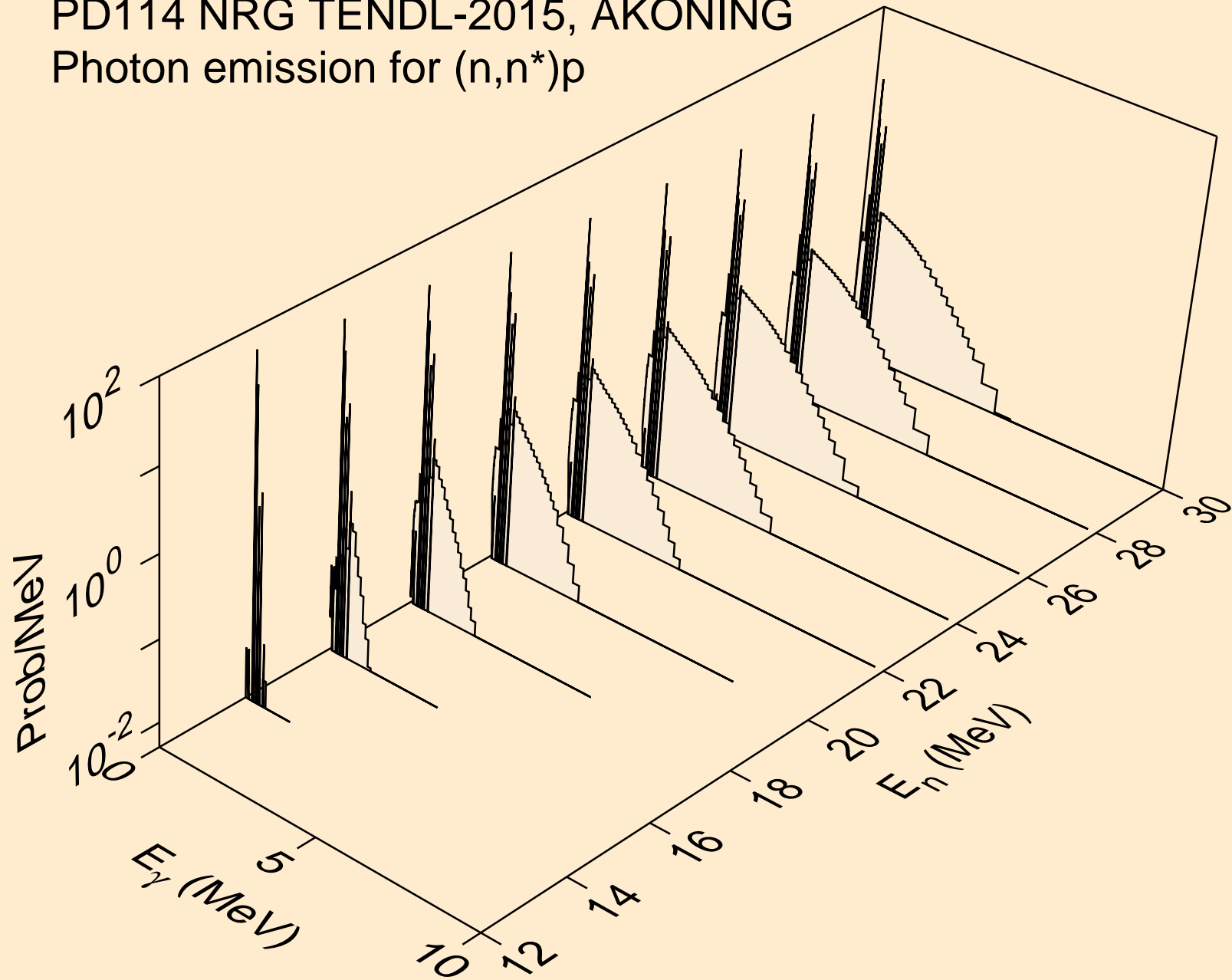
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



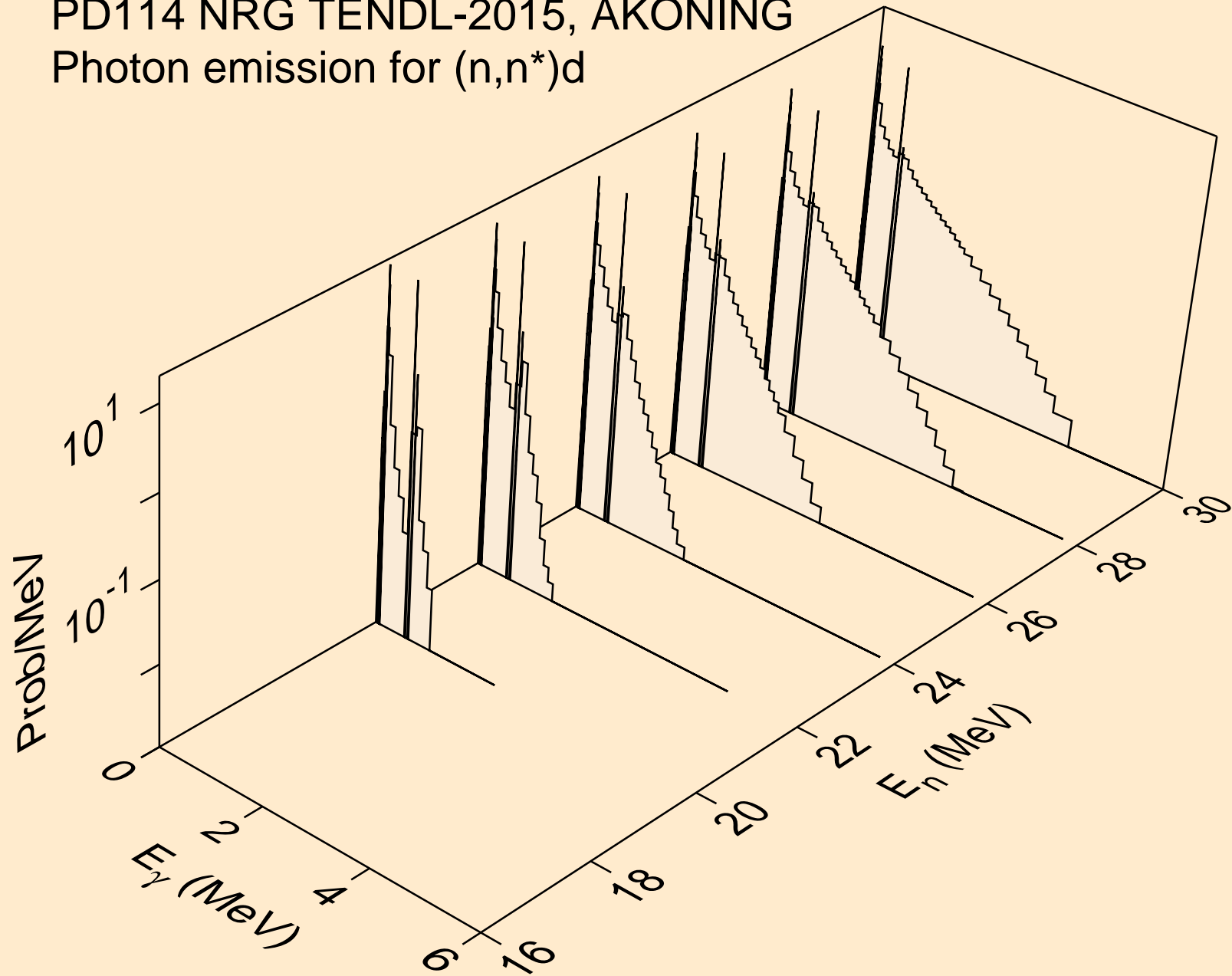
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



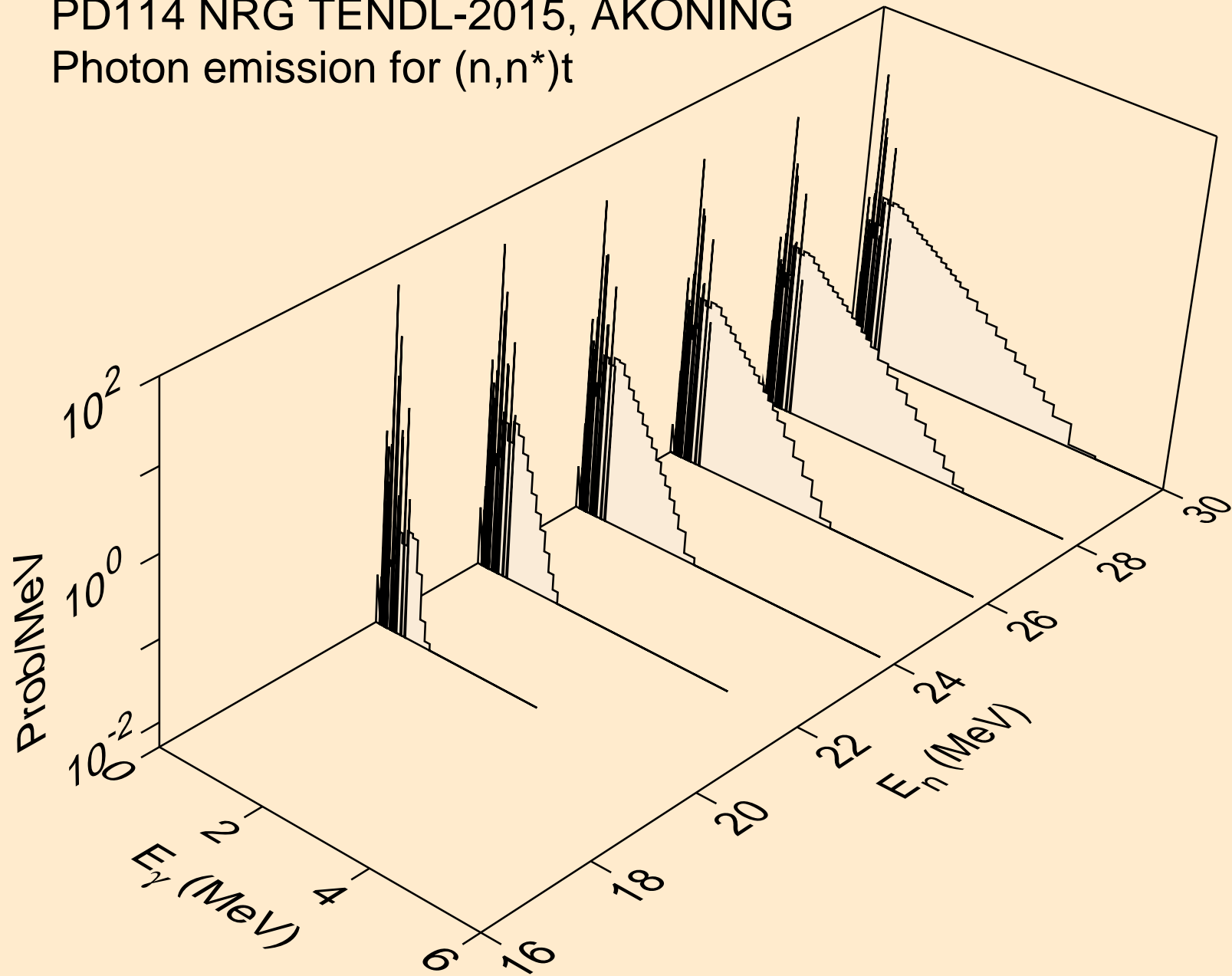
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

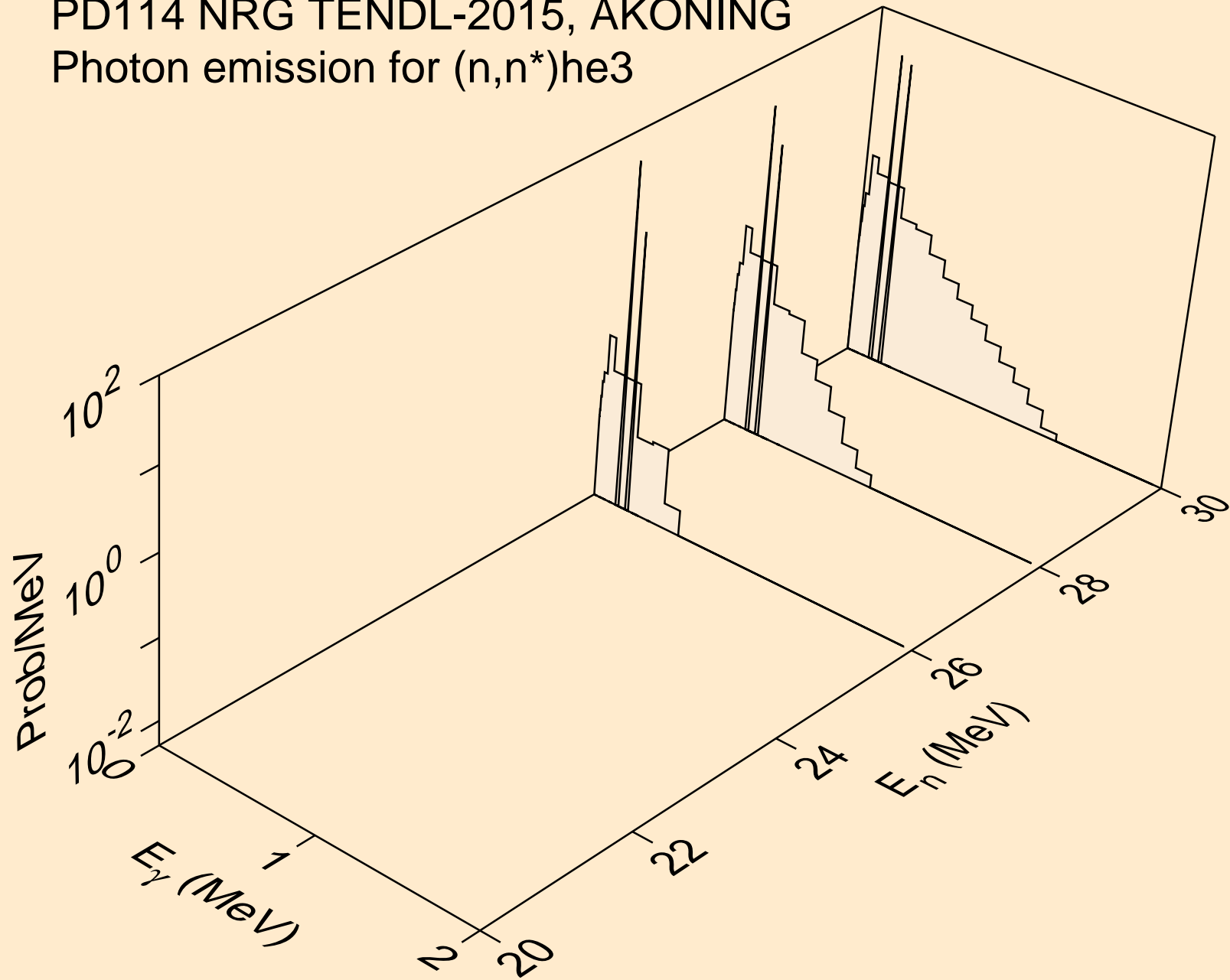


PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

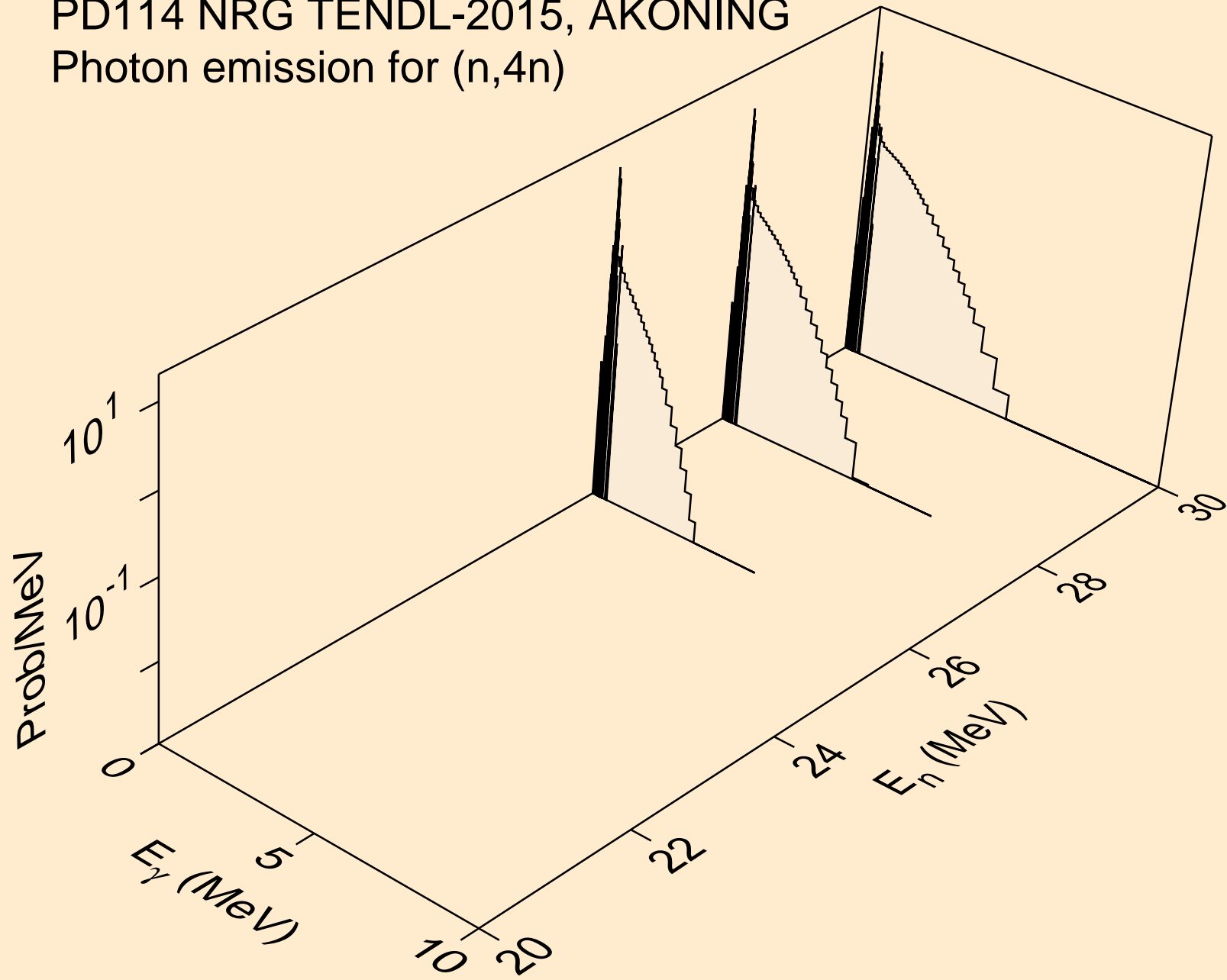




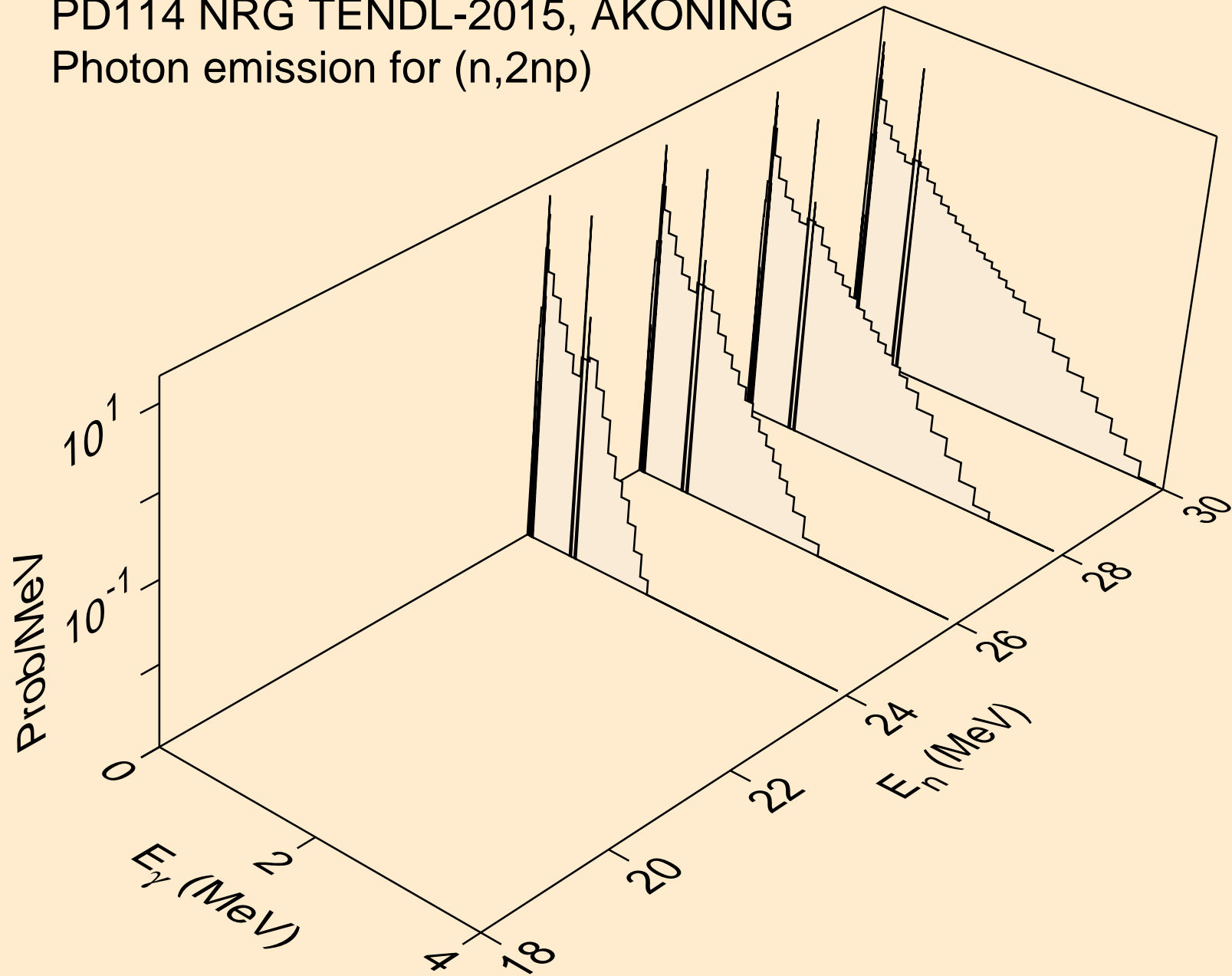
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



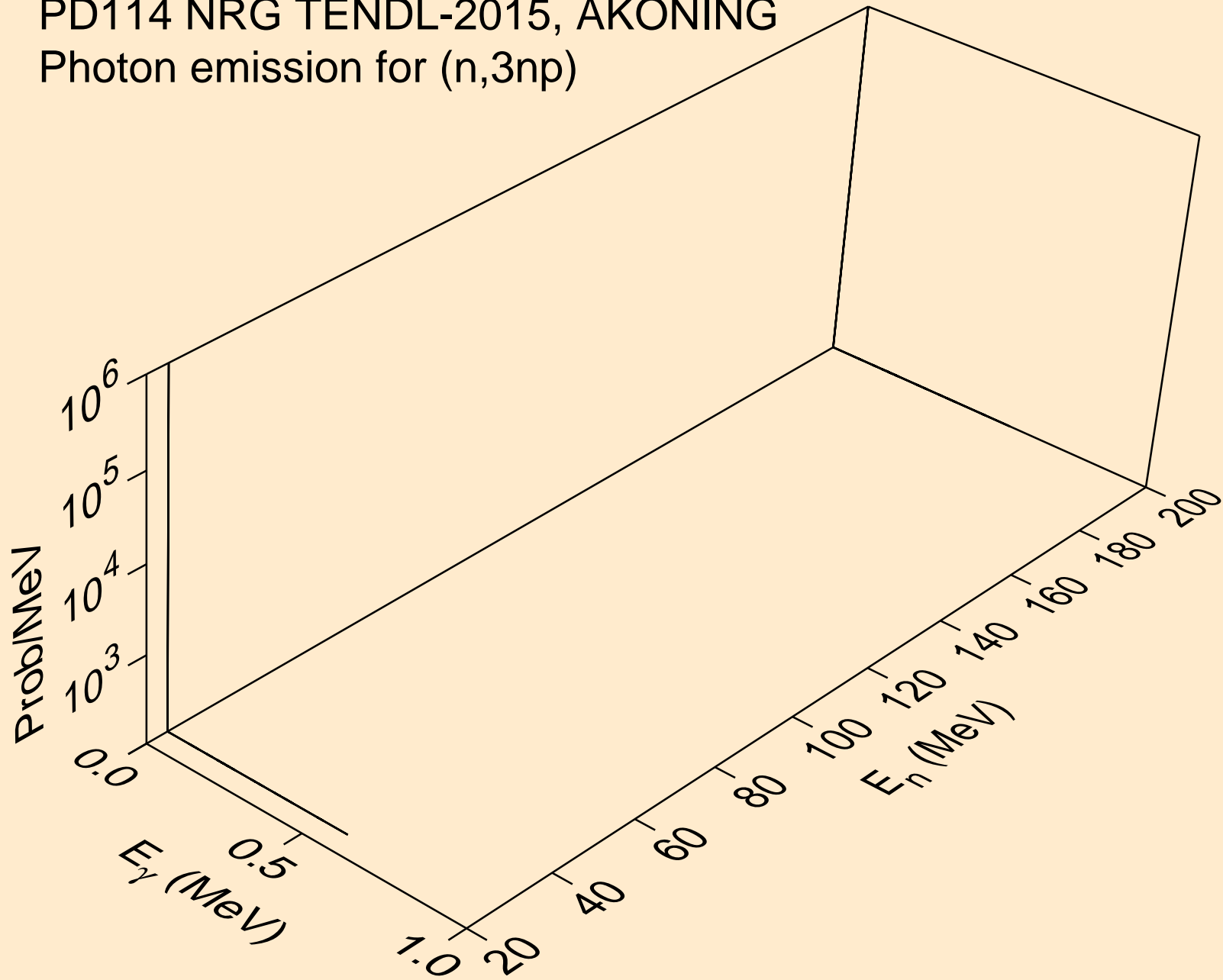
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



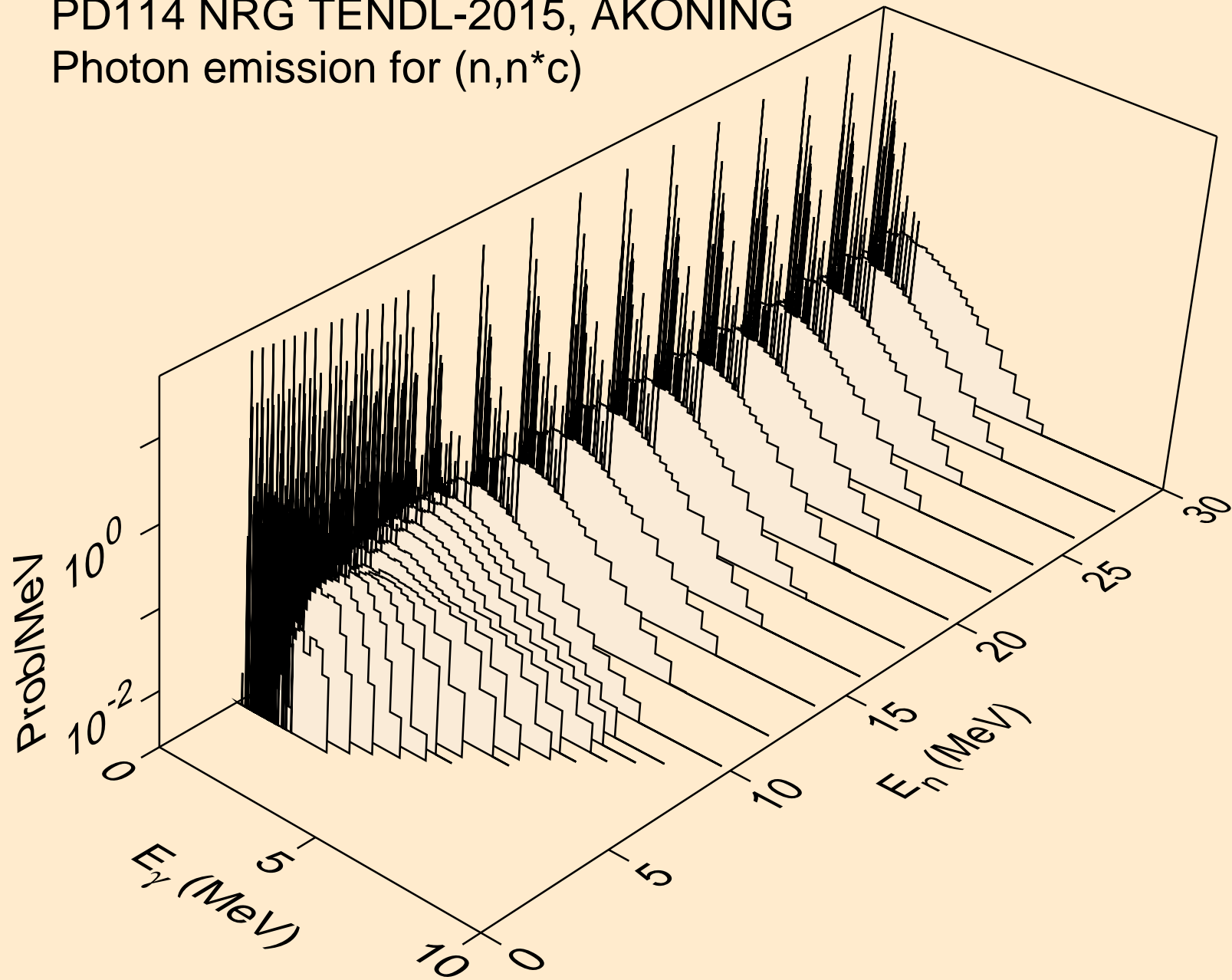
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



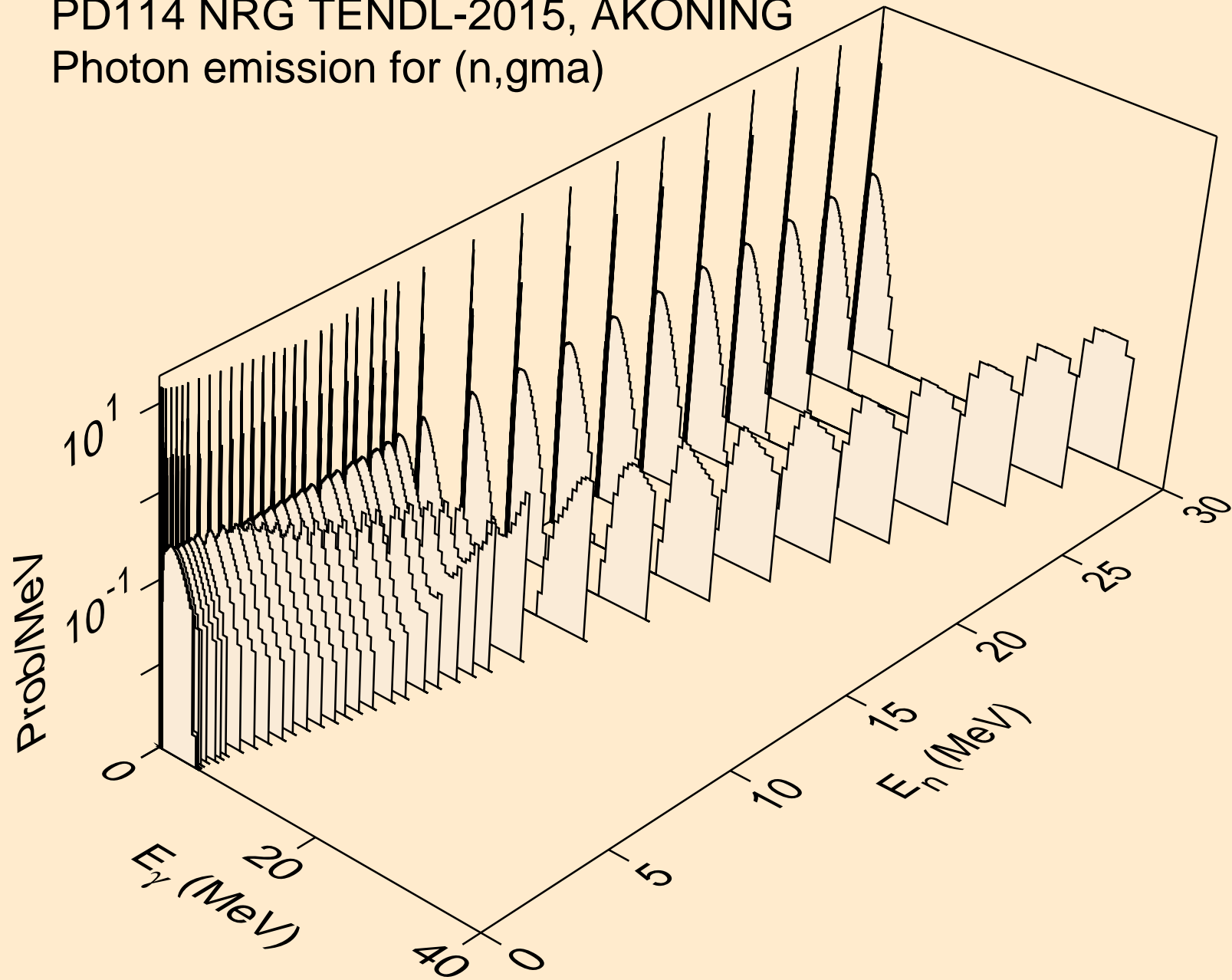
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



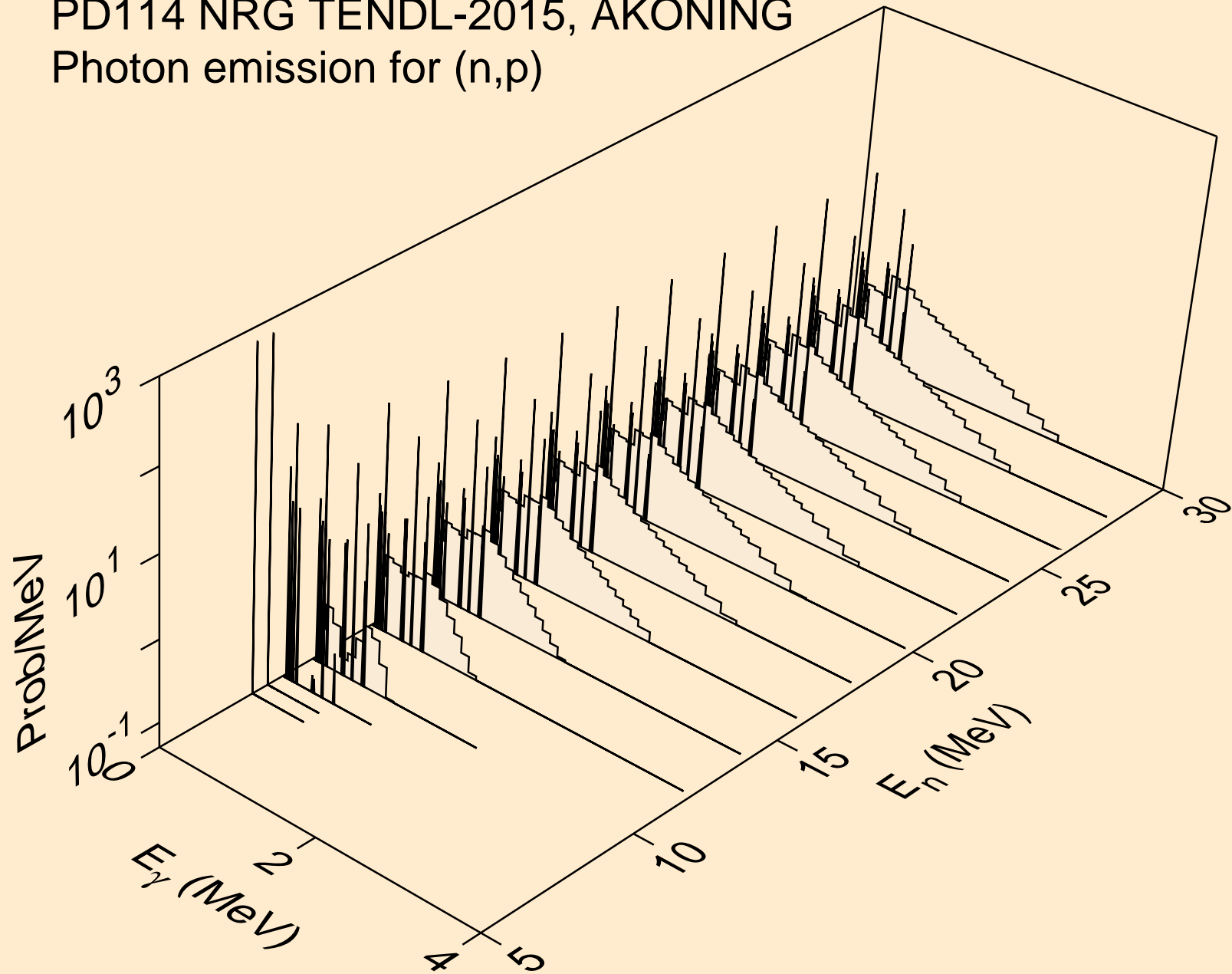
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



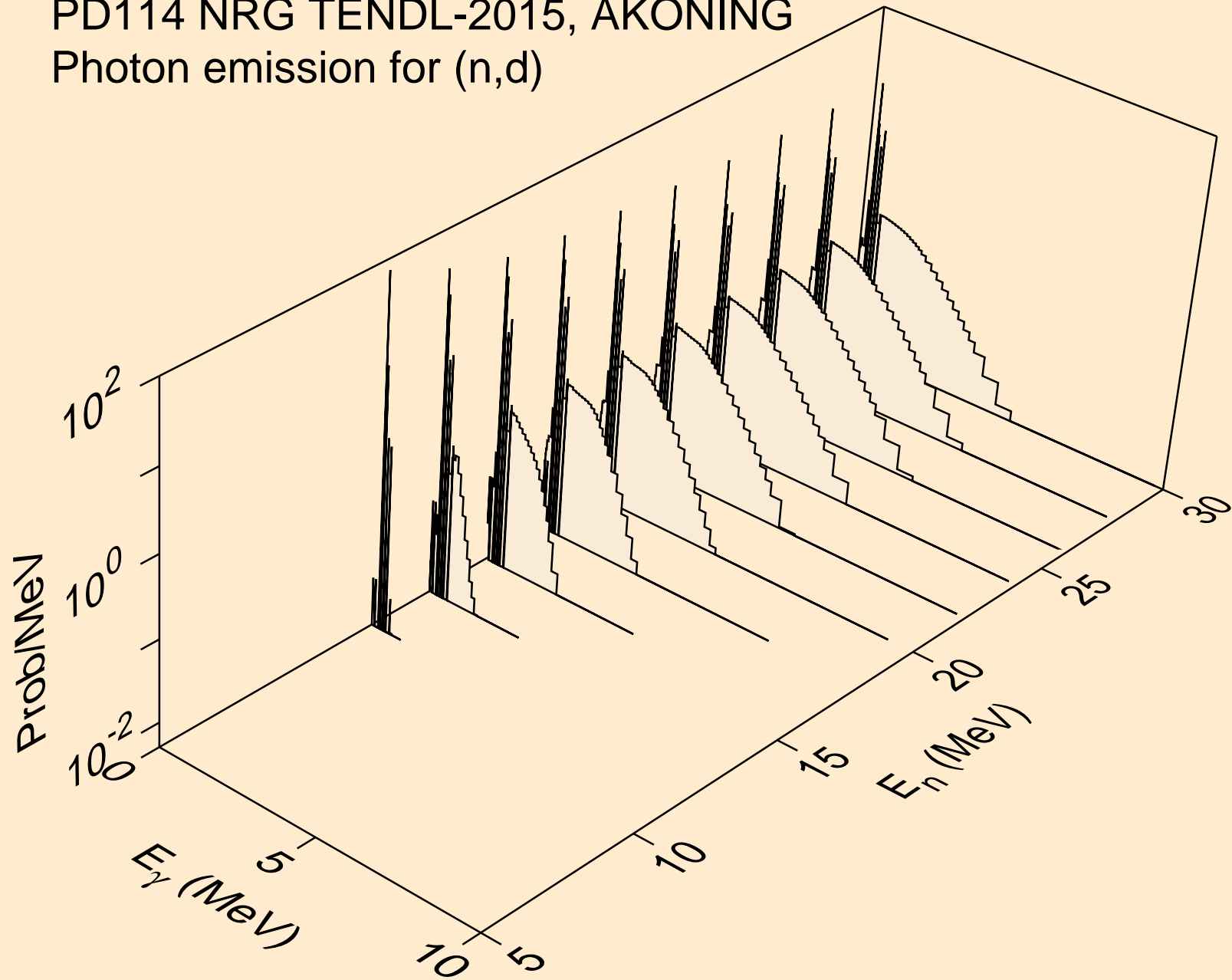
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

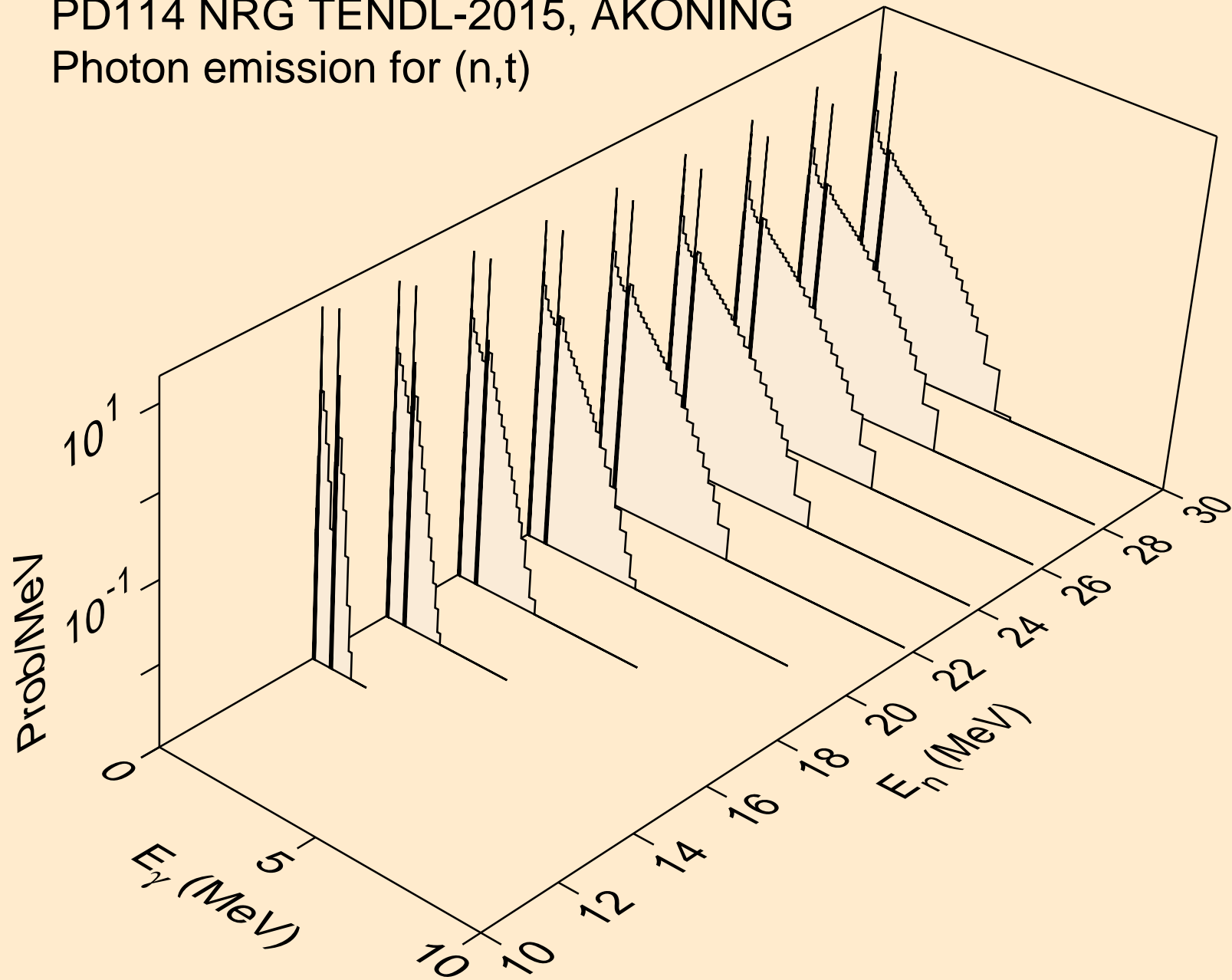


PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

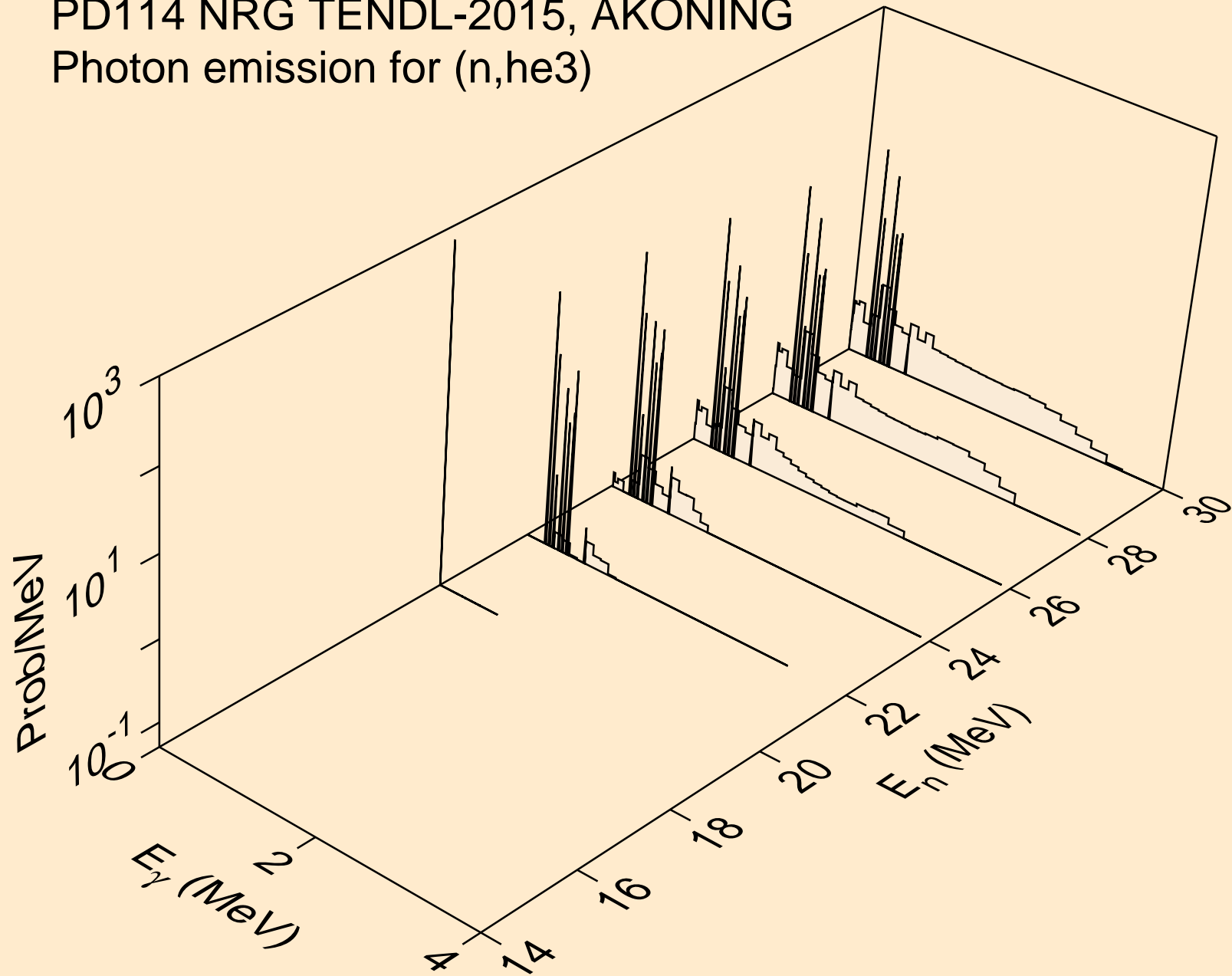




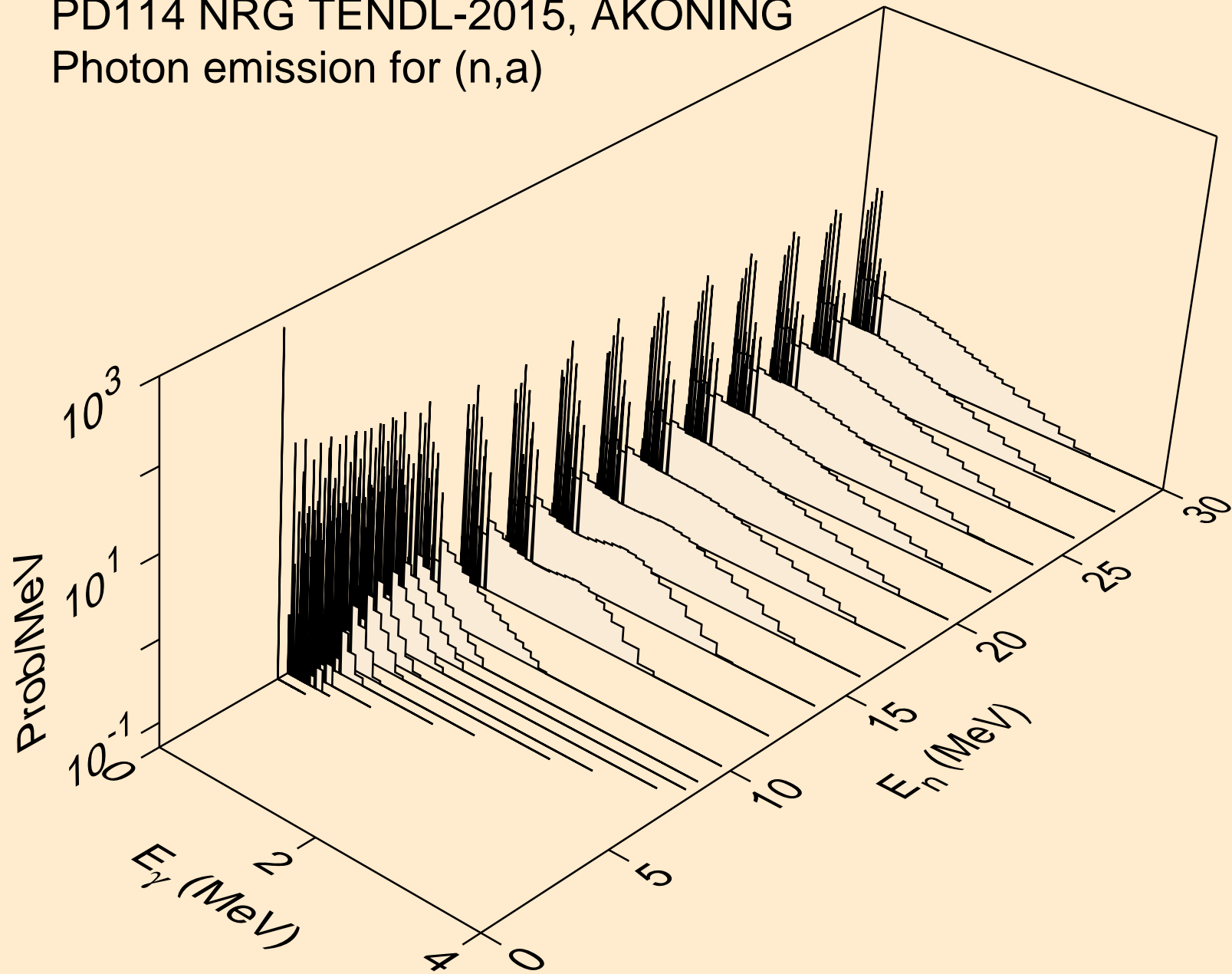
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



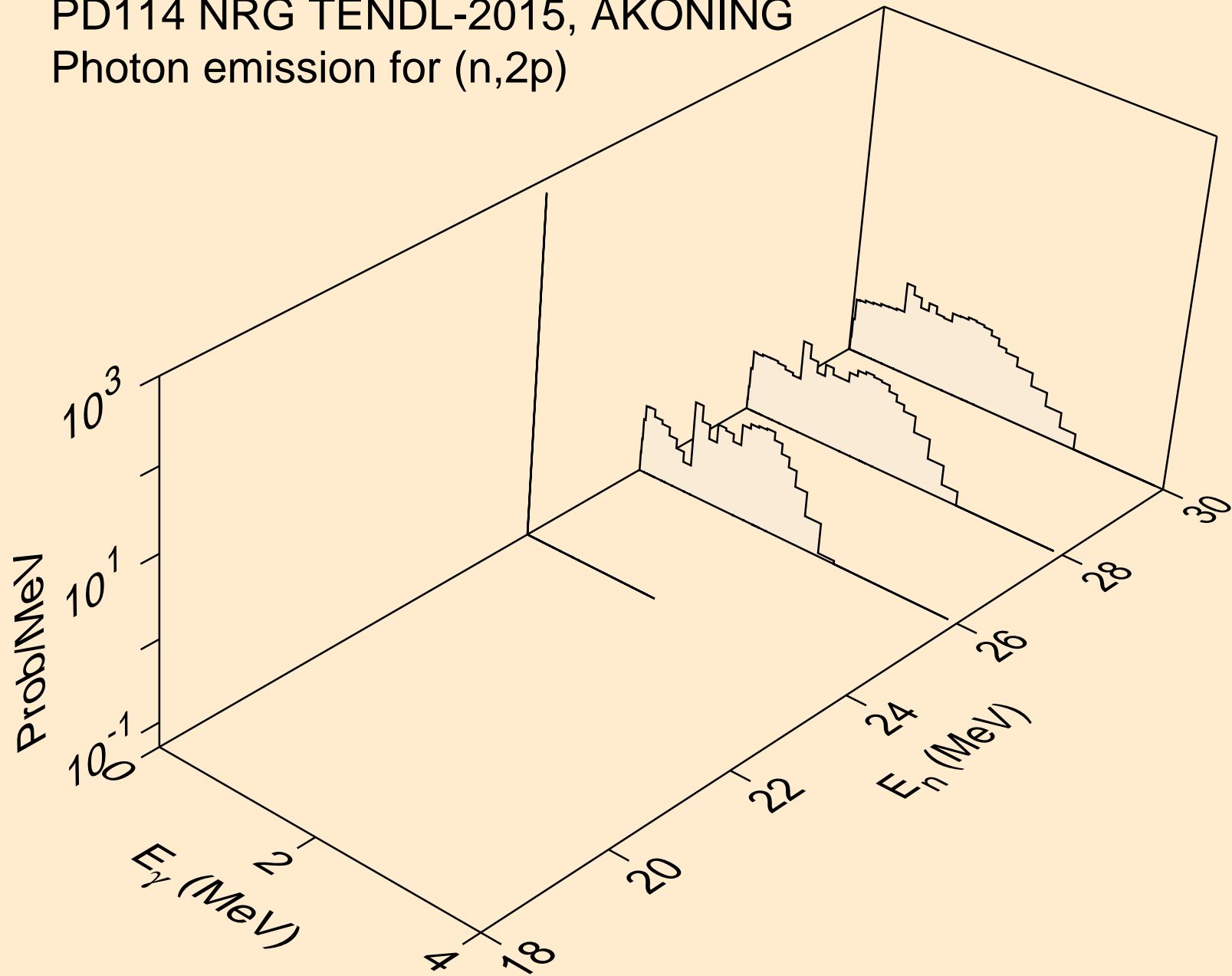
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



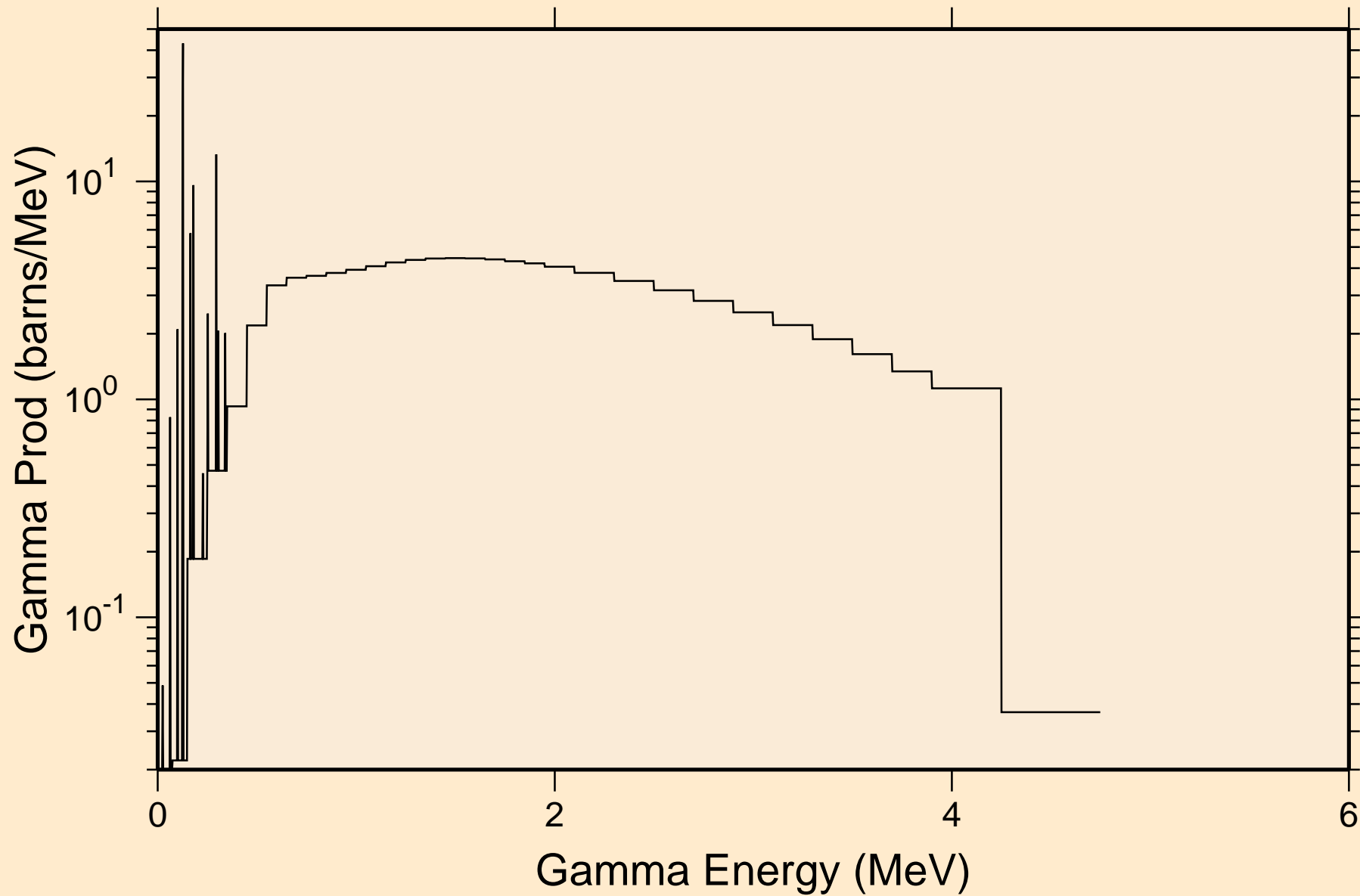
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



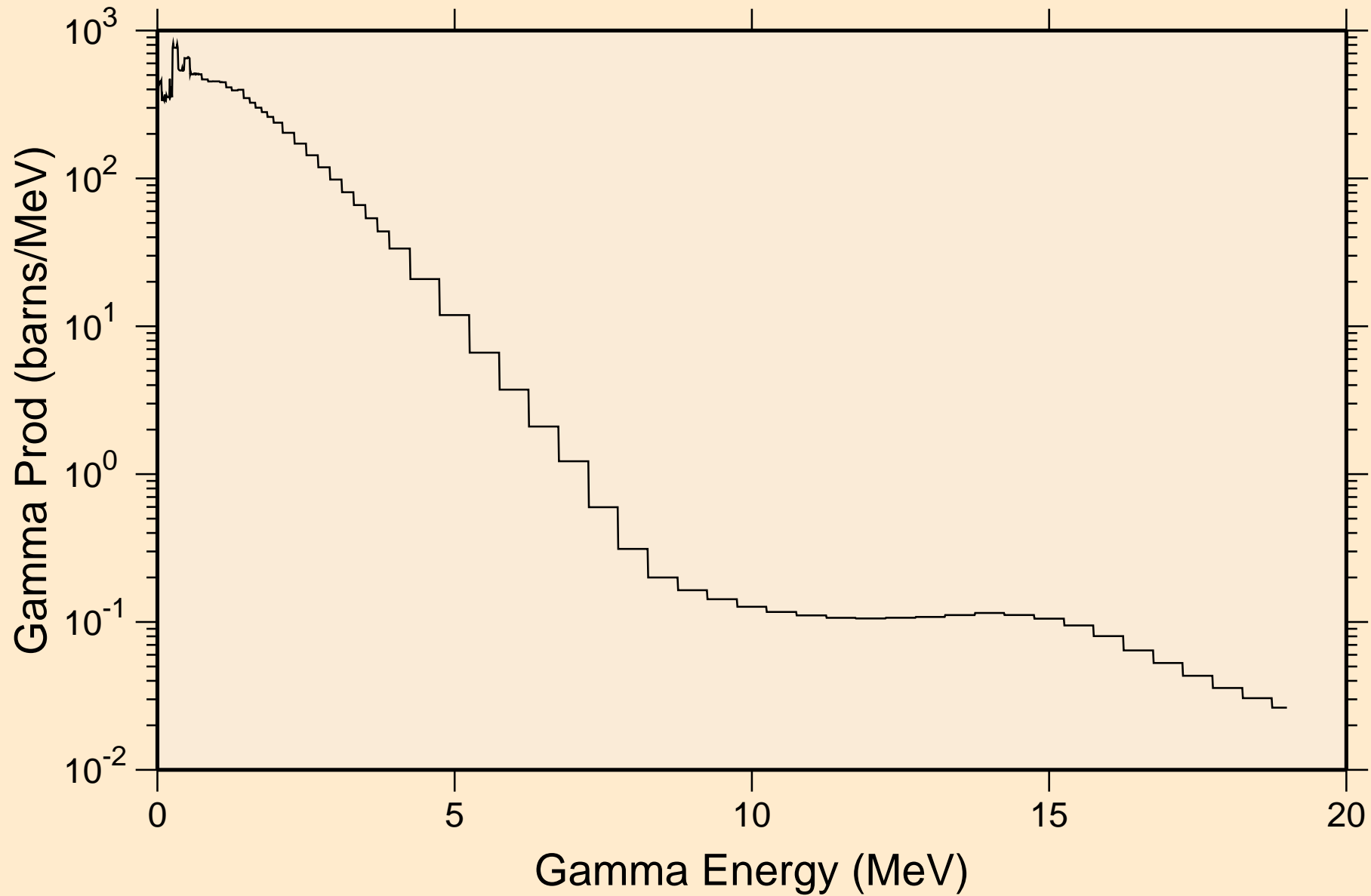
PD114 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



PD114 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

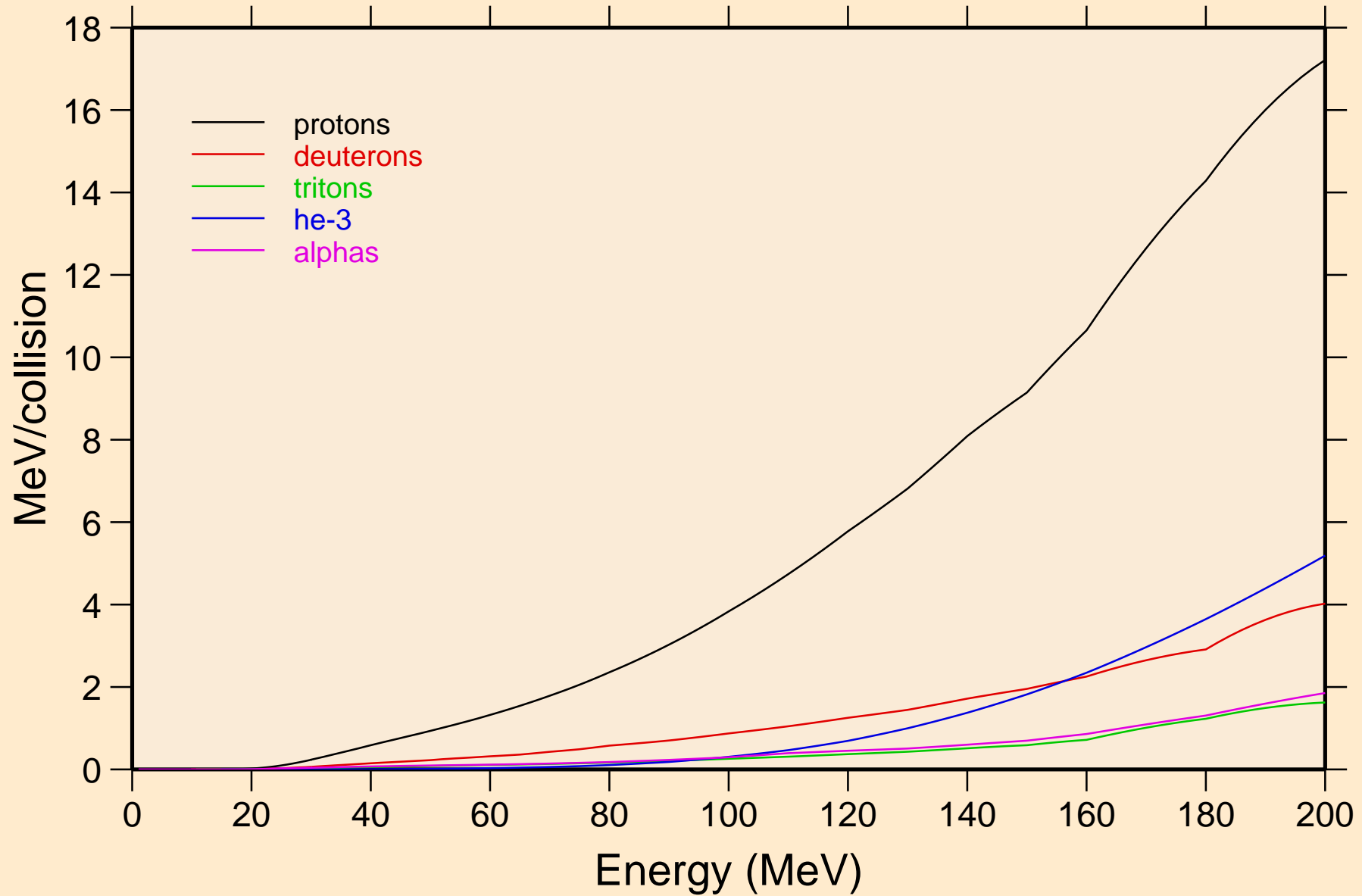


PD114 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



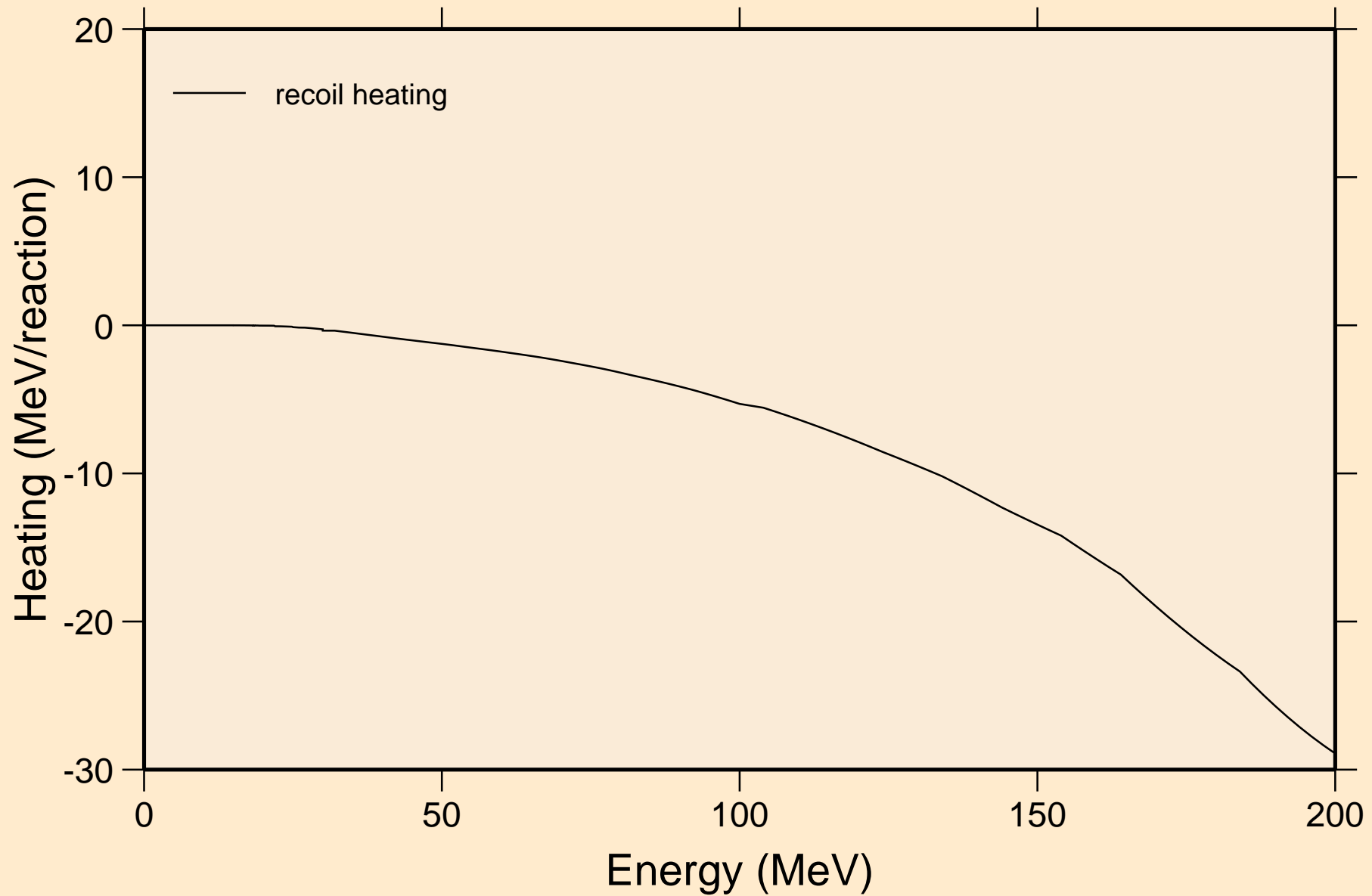
# PD114 NRG TENDL-2015, AKONING

## Particle heating contributions



# PD114 NRG TENDL-2015, AKONING

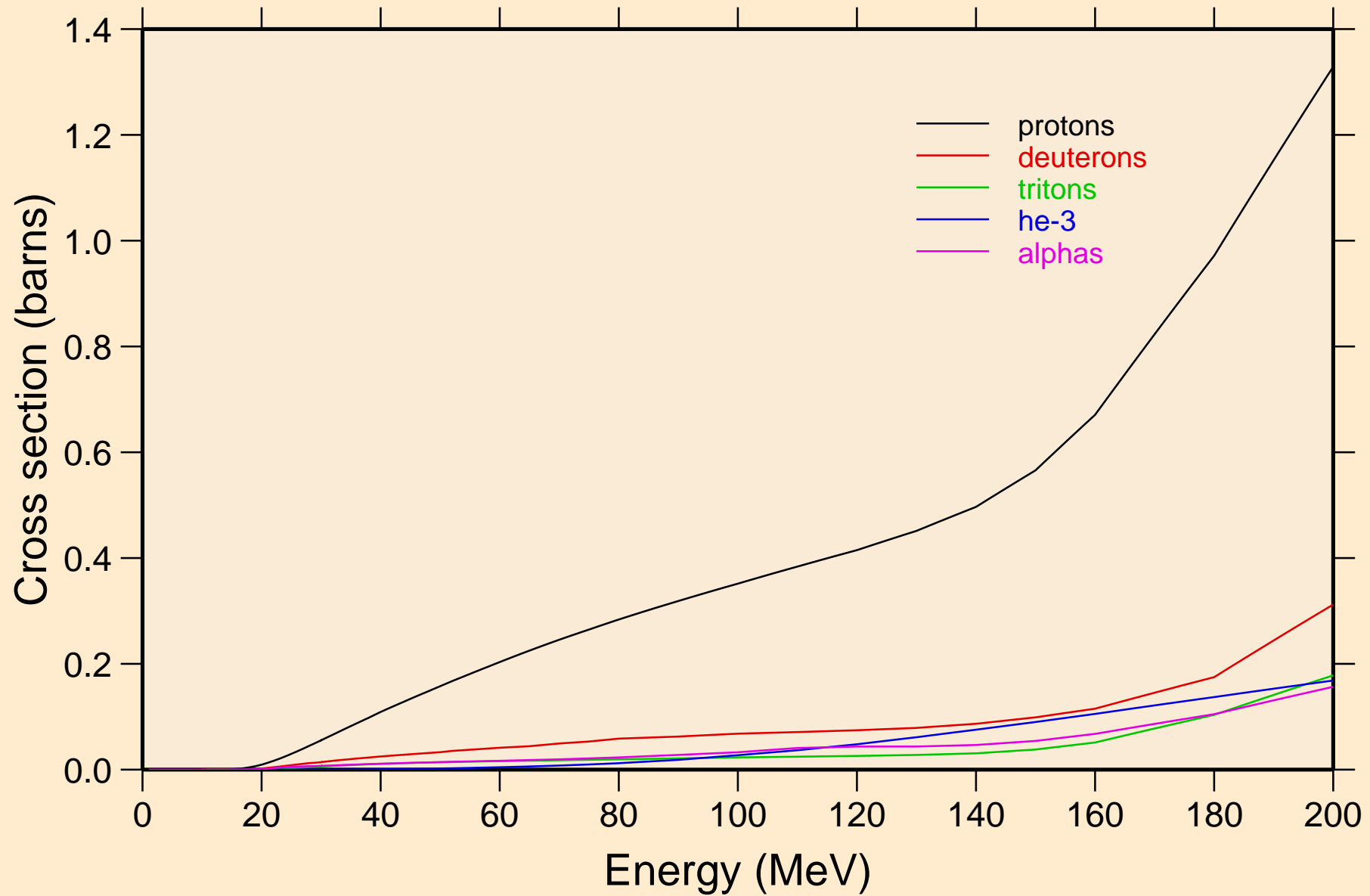
## Recoil Heating



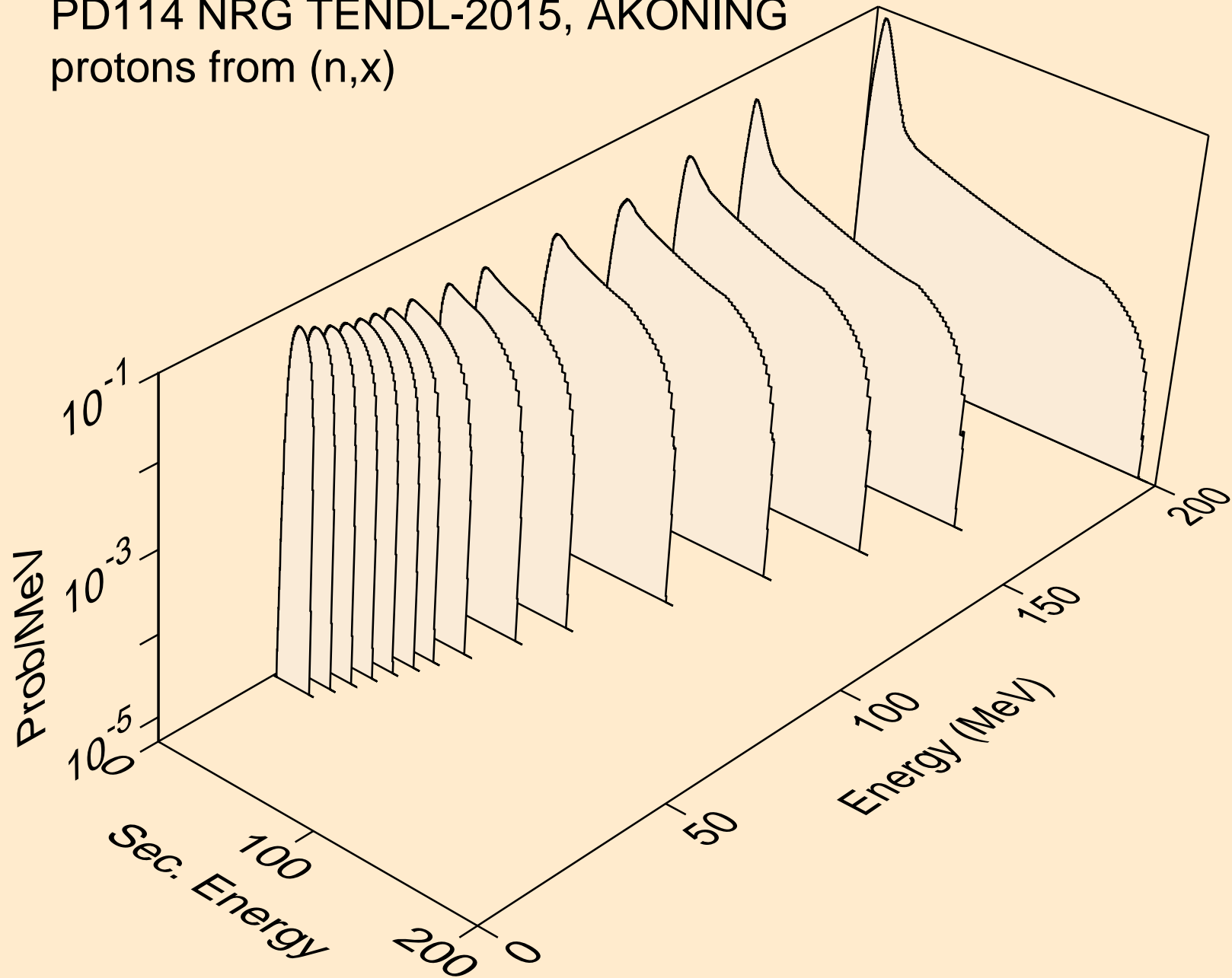


# PD114 NRG TENDL-2015, AKONING

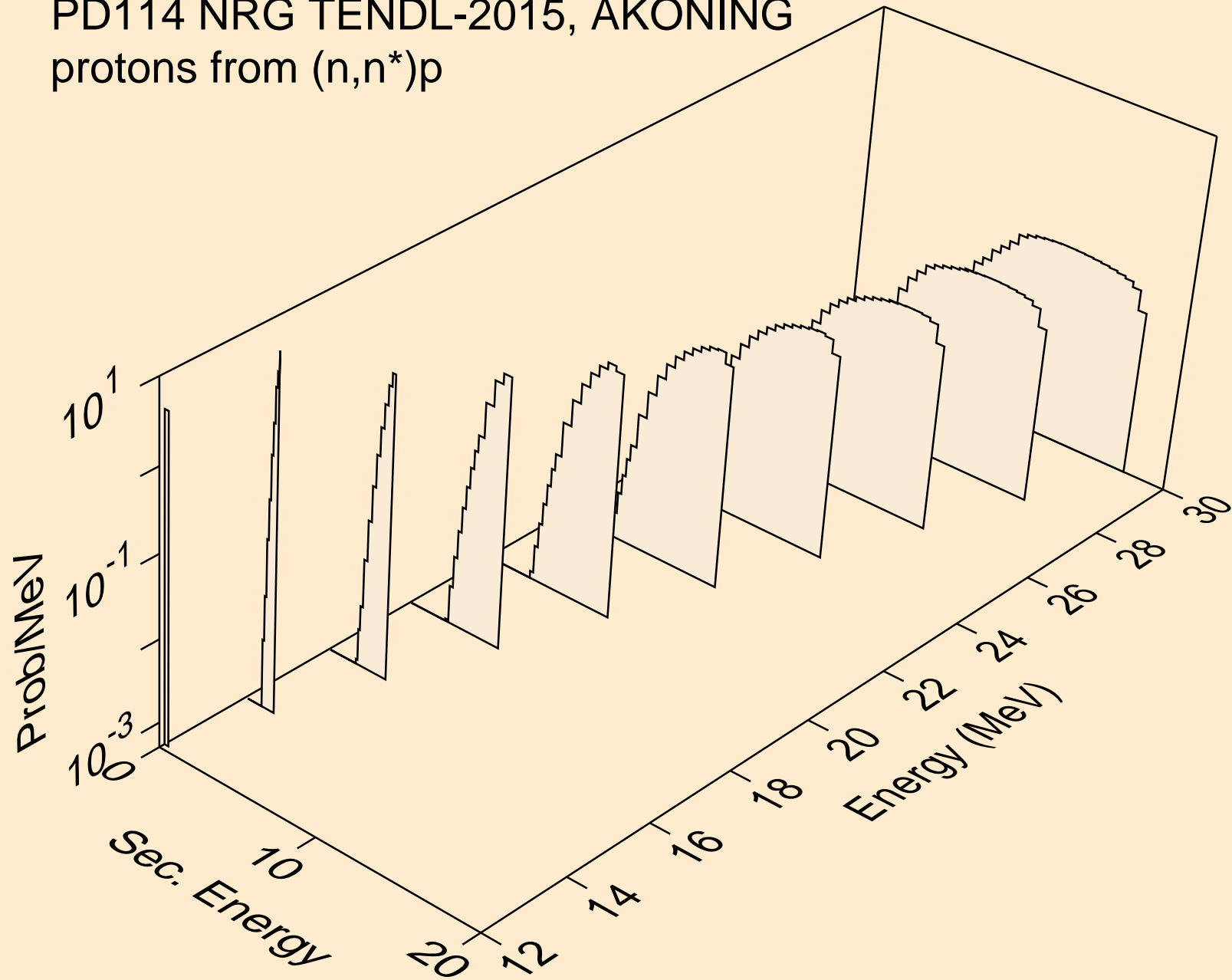
## Particle production cross sections



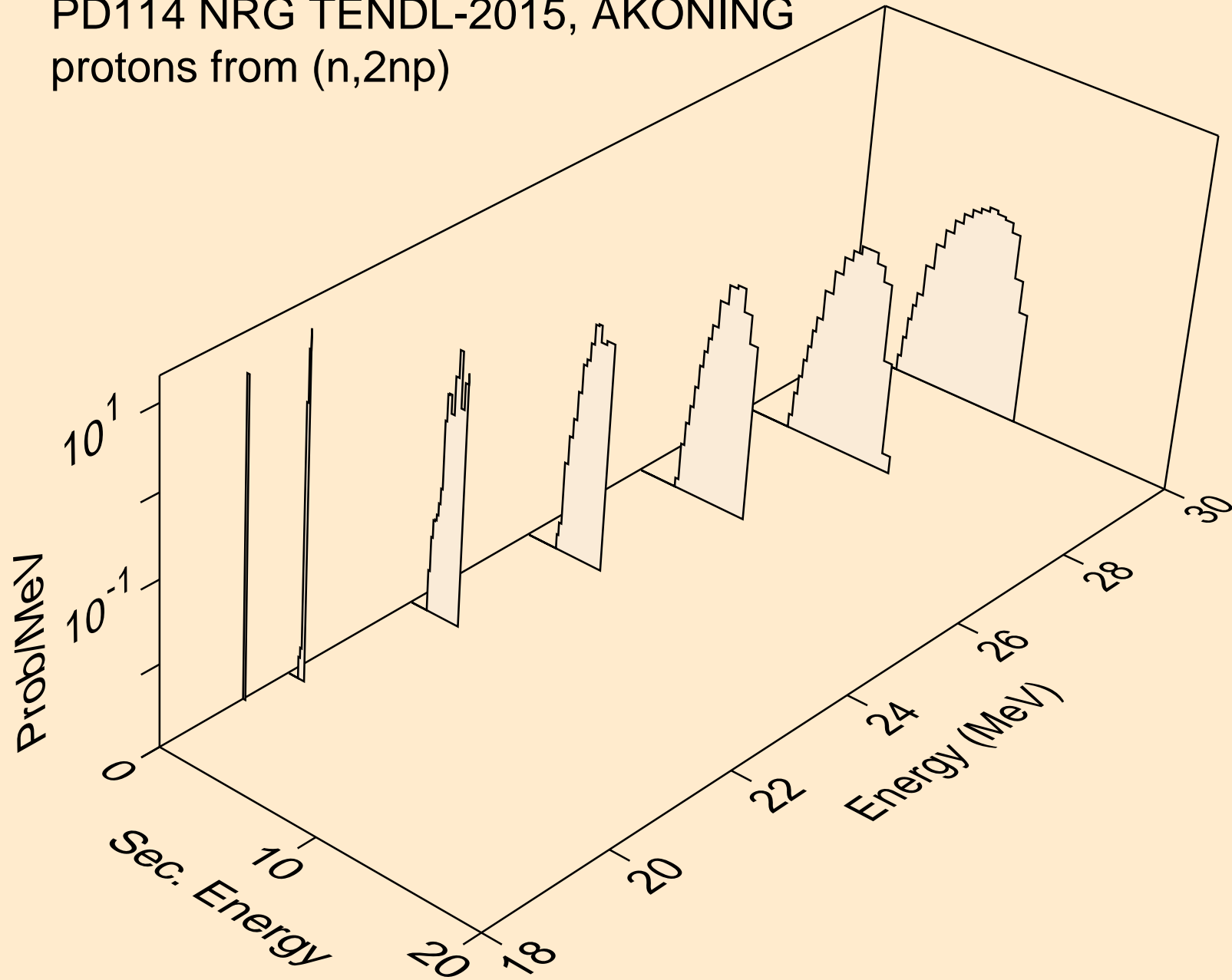
PD114 NRG TENDL-2015, AKONING  
protons from (n,x)



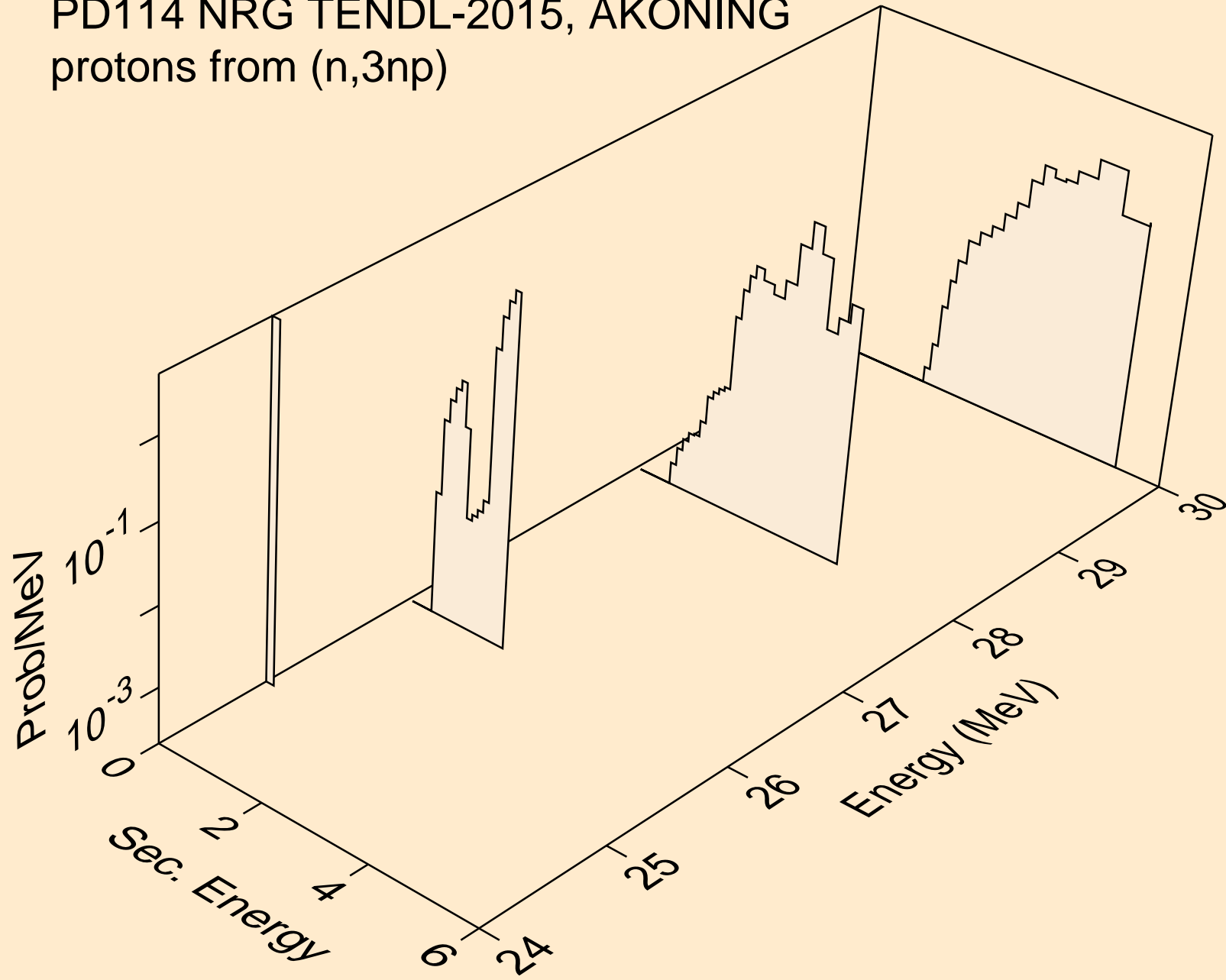
PD114 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



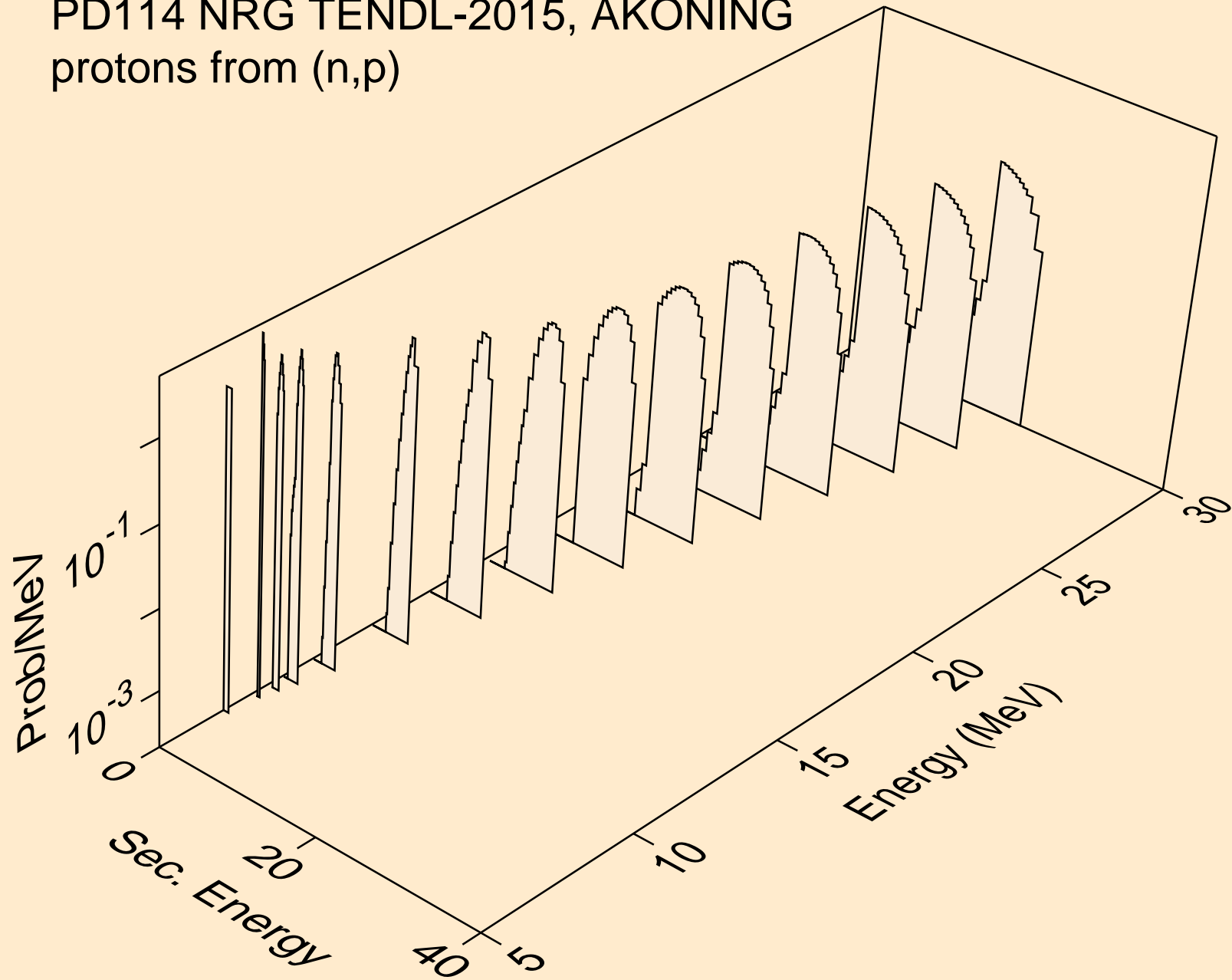
PD114 NRG TENDL-2015, AKONING  
protons from (n,2np)



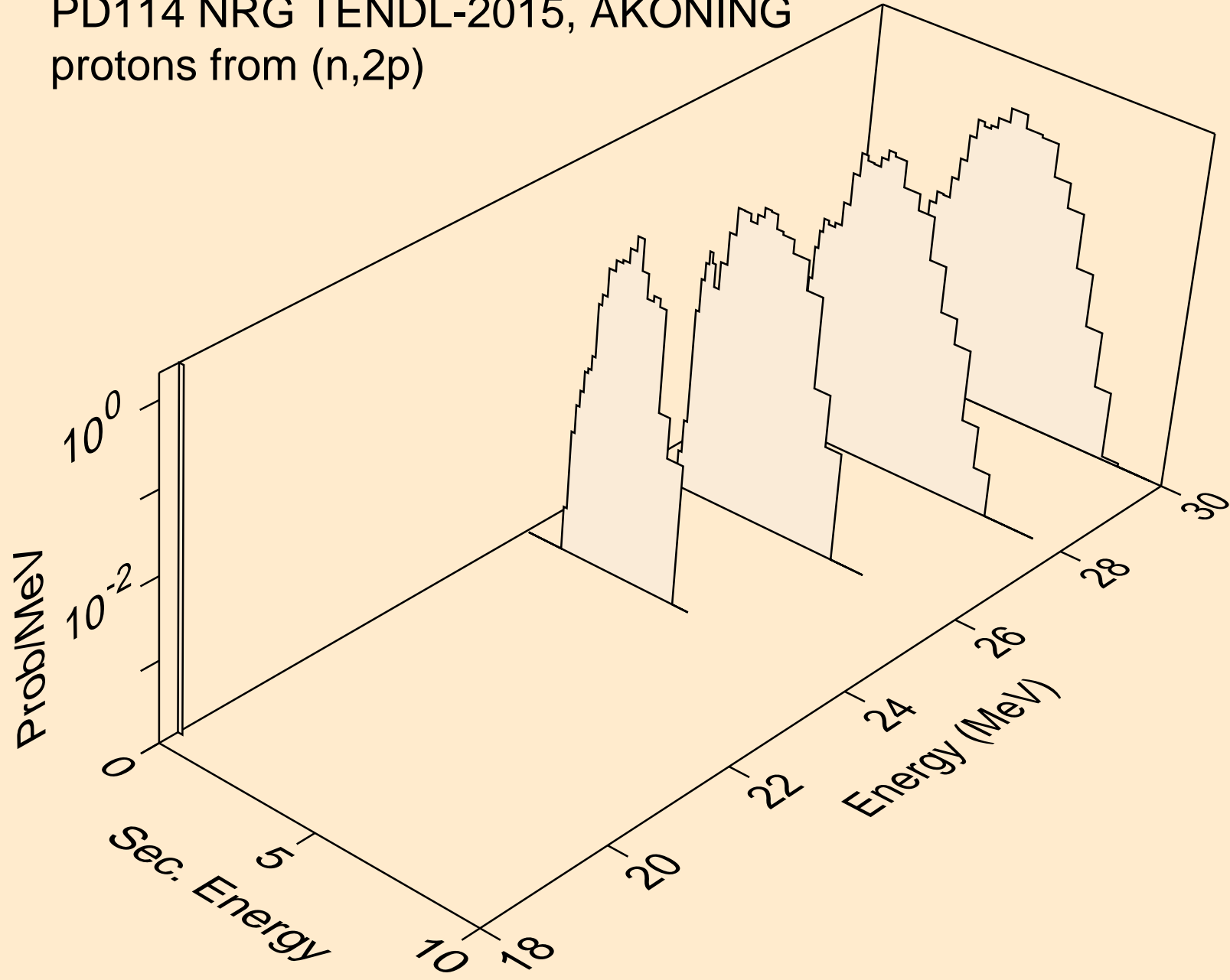
PD114 NRG TENDL-2015, AKONING  
protons from (n,3np)



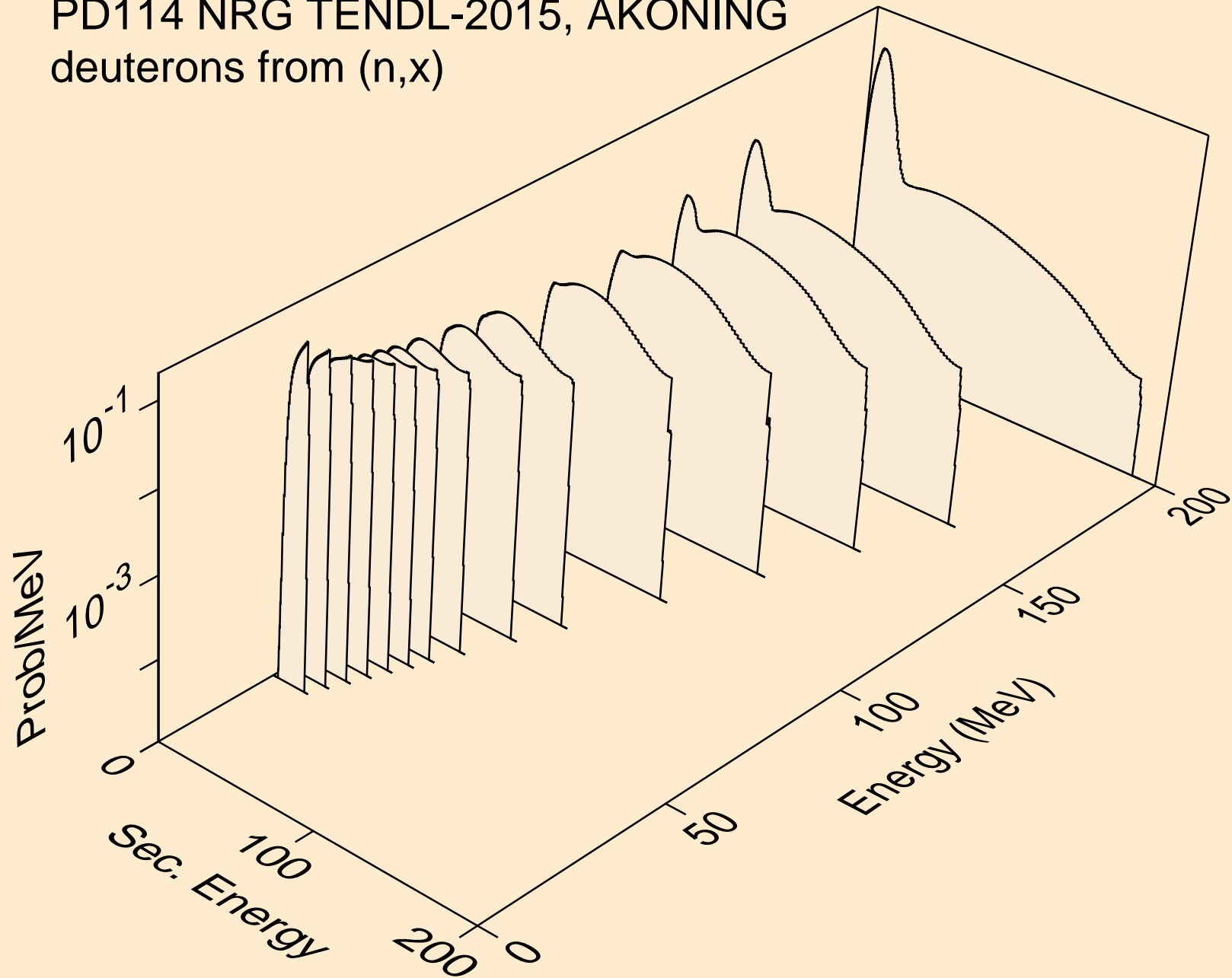
PD114 NRG TENDL-2015, AKONING  
protons from (n,p)



PD114 NRG TENDL-2015, AKONING  
protons from (n,2p)

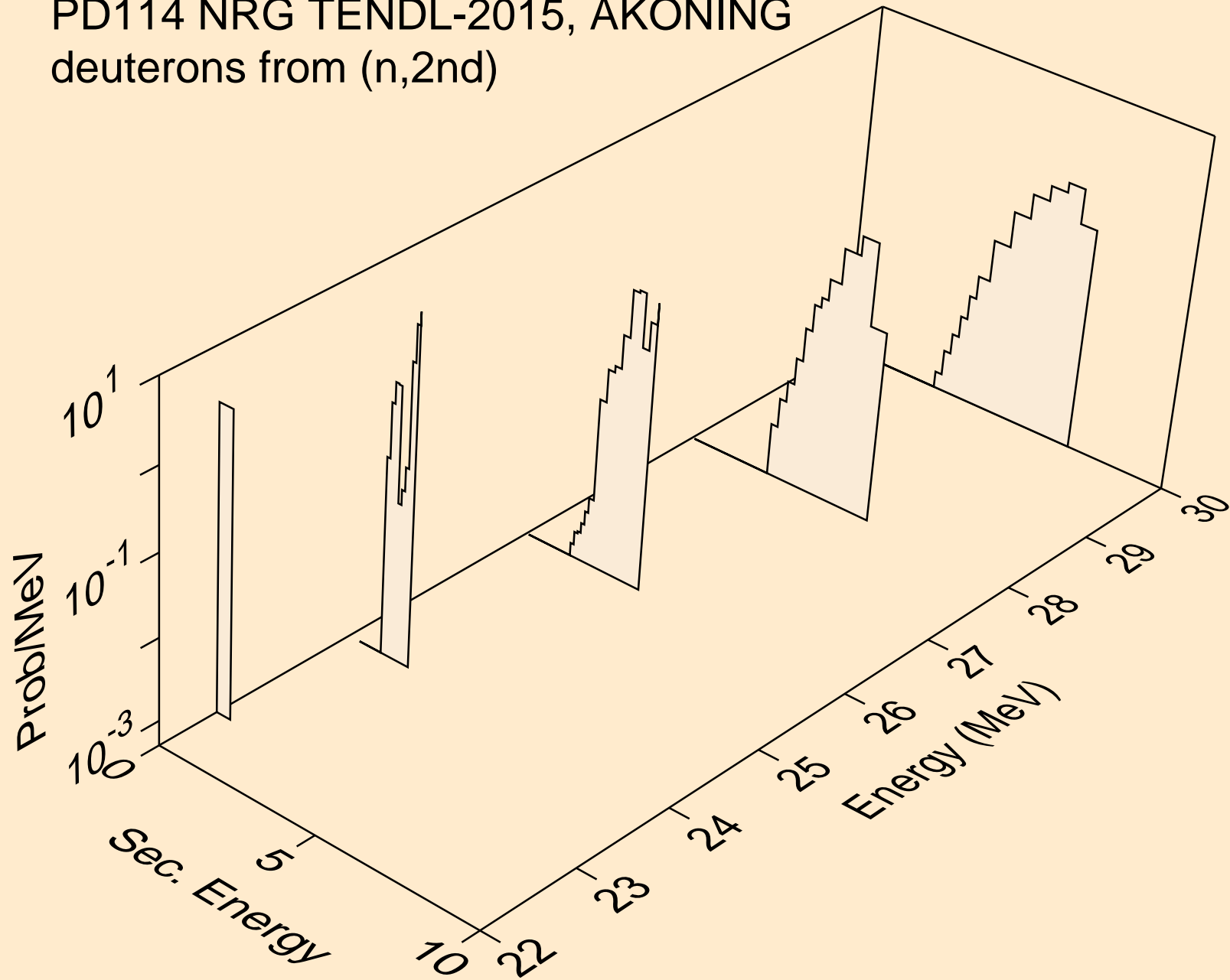


PD114 NRG TENDL-2015, AKONING  
deuterons from (n,x)

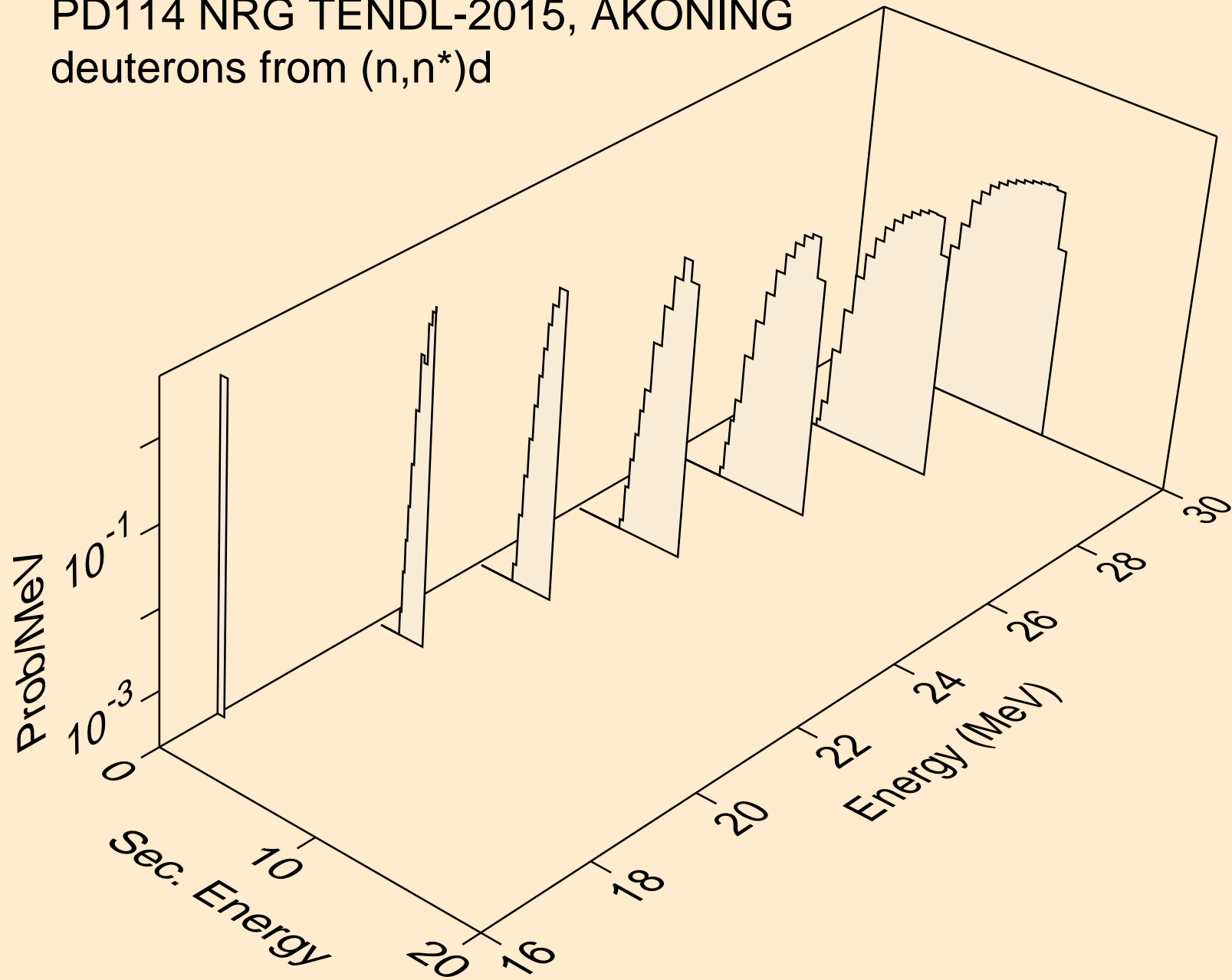




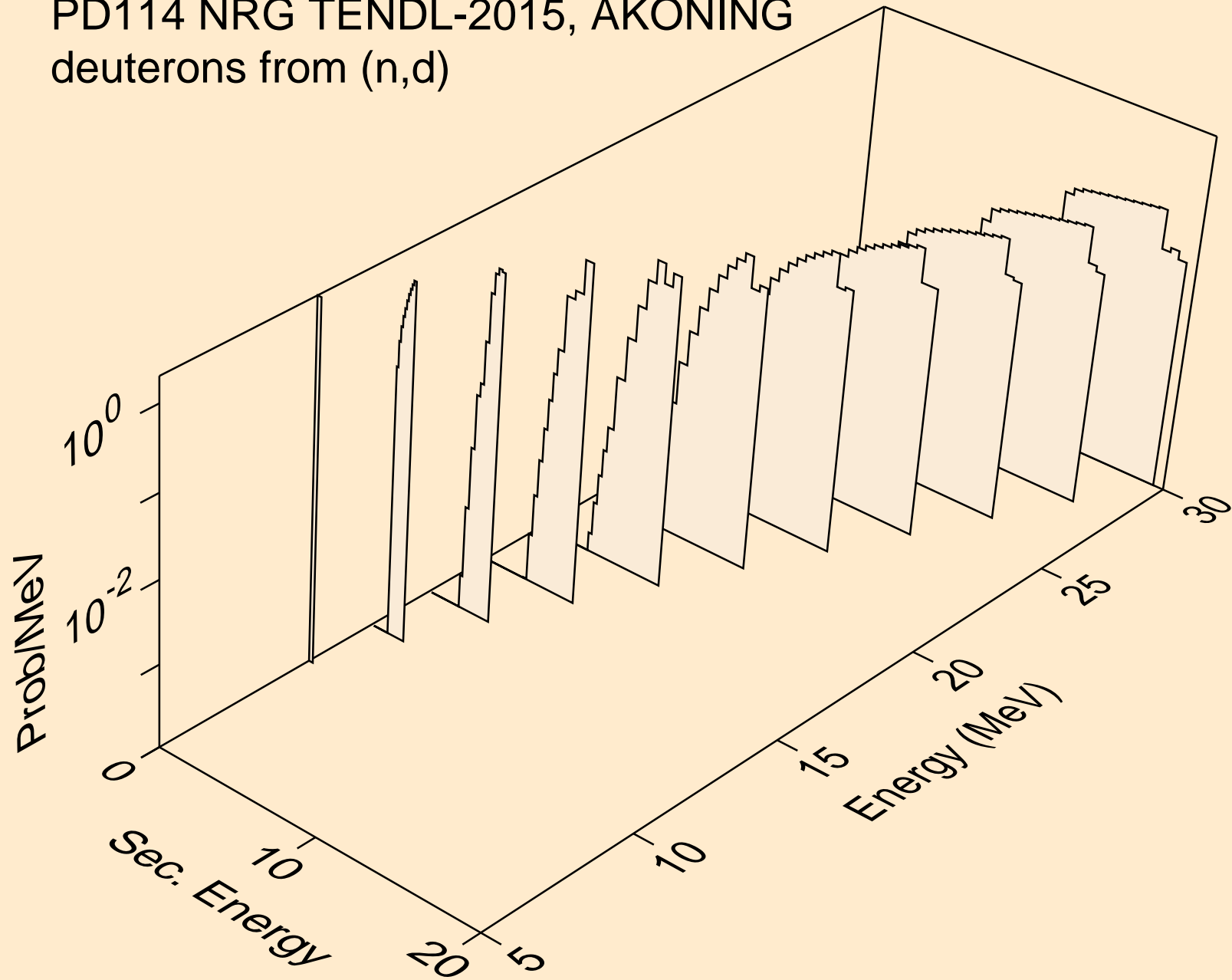
PD114 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



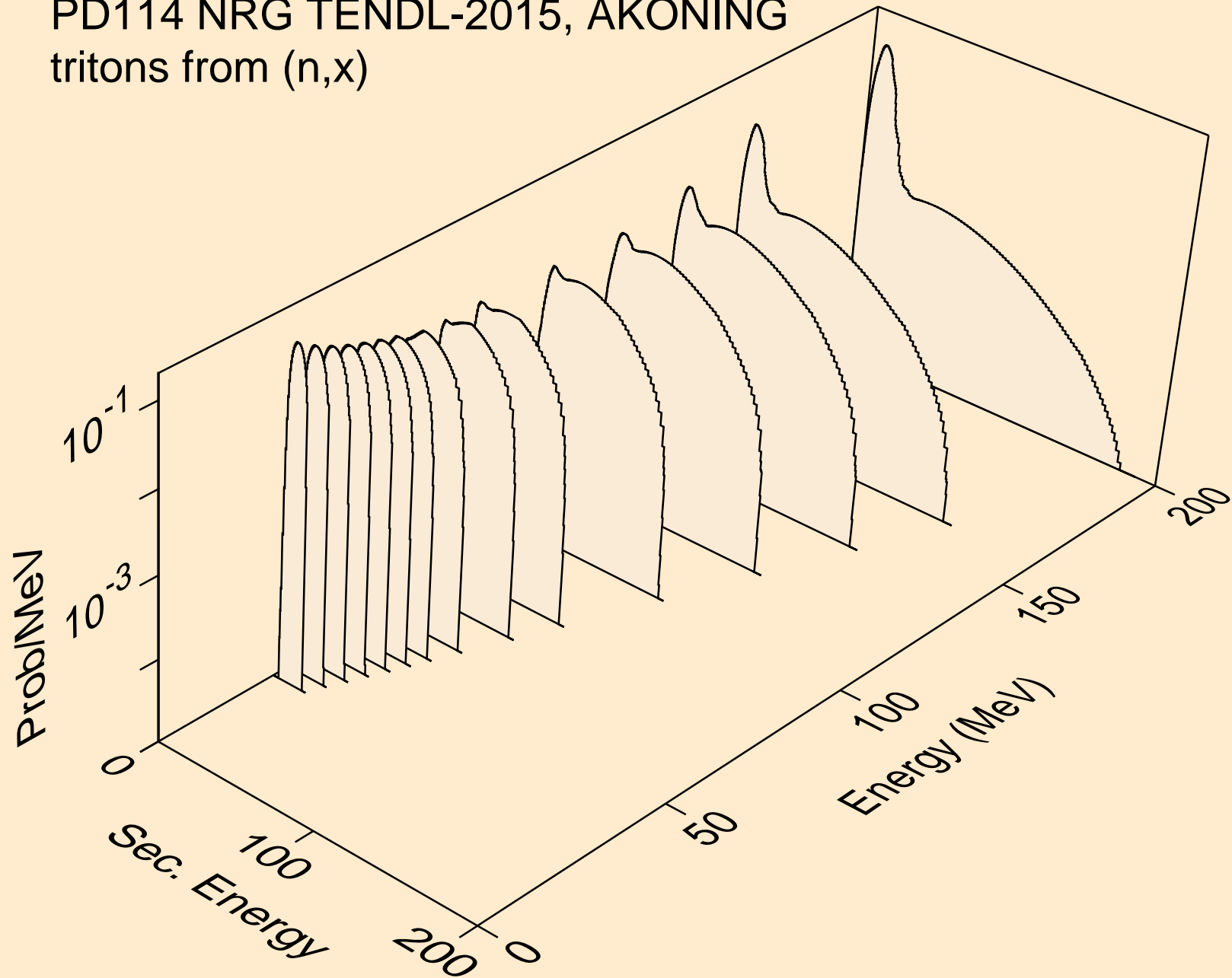
PD114 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



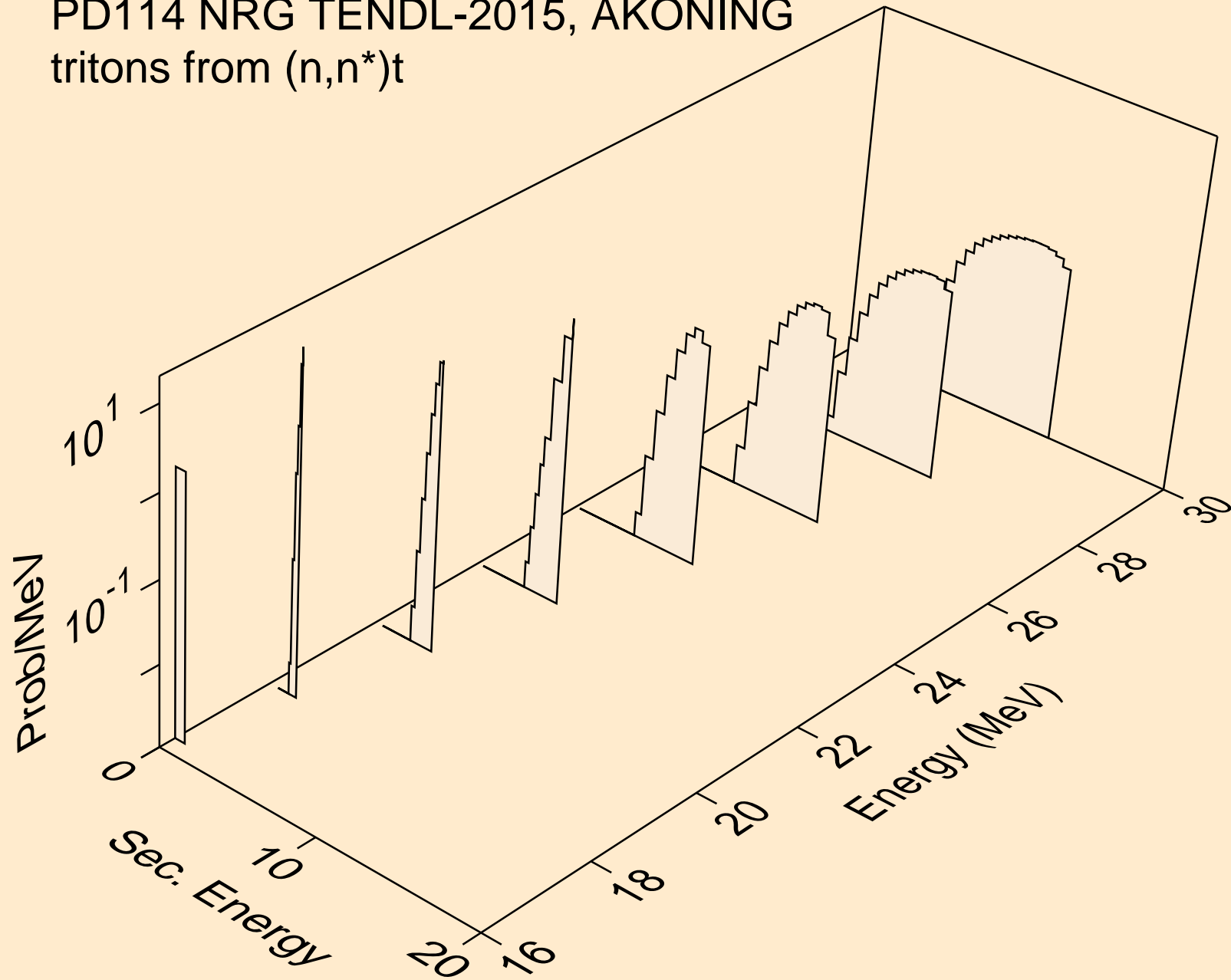
PD114 NRG TENDL-2015, AKONING  
deuterons from (n,d)



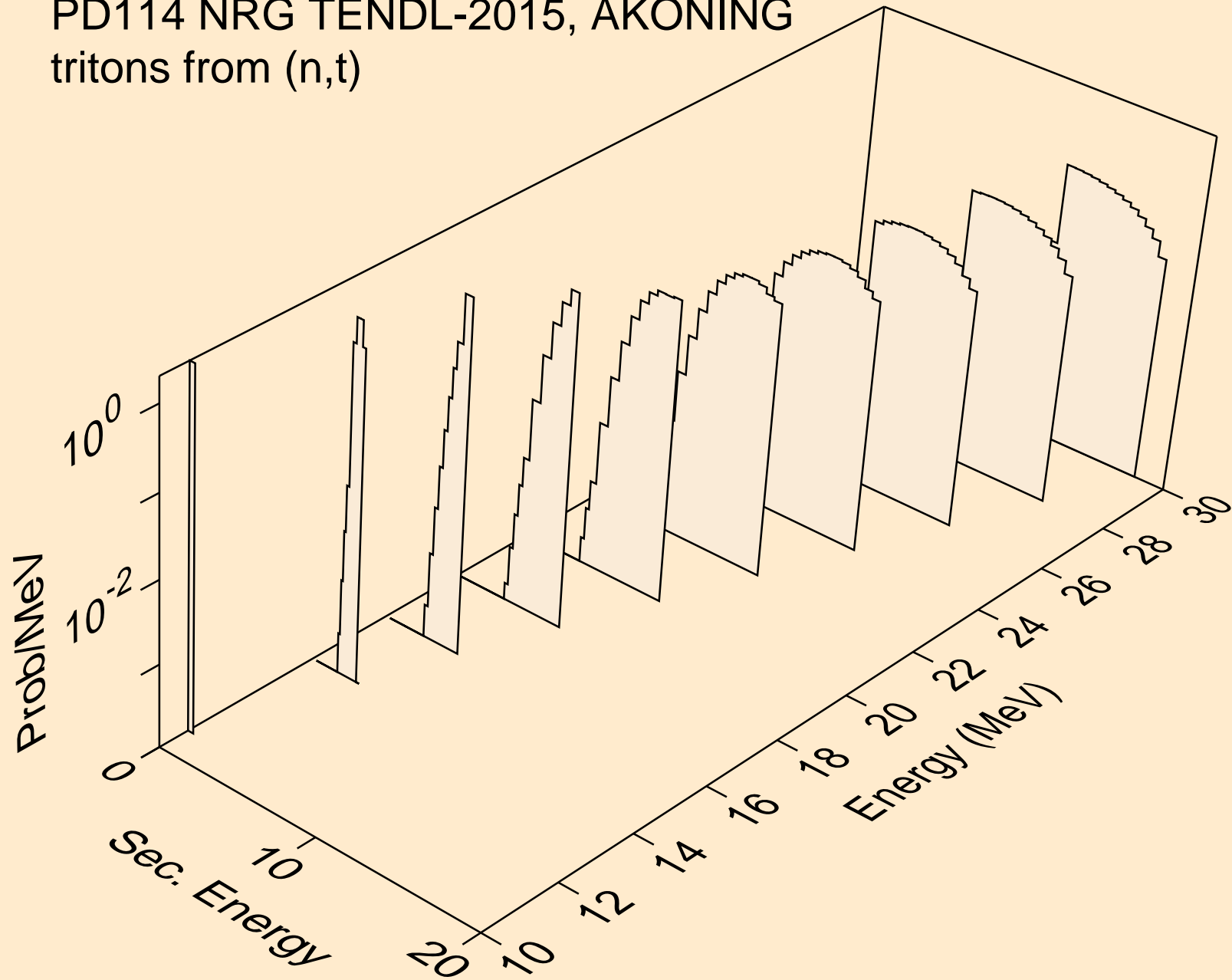
PD114 NRG TENDL-2015, AKONING  
tritons from (n,x)



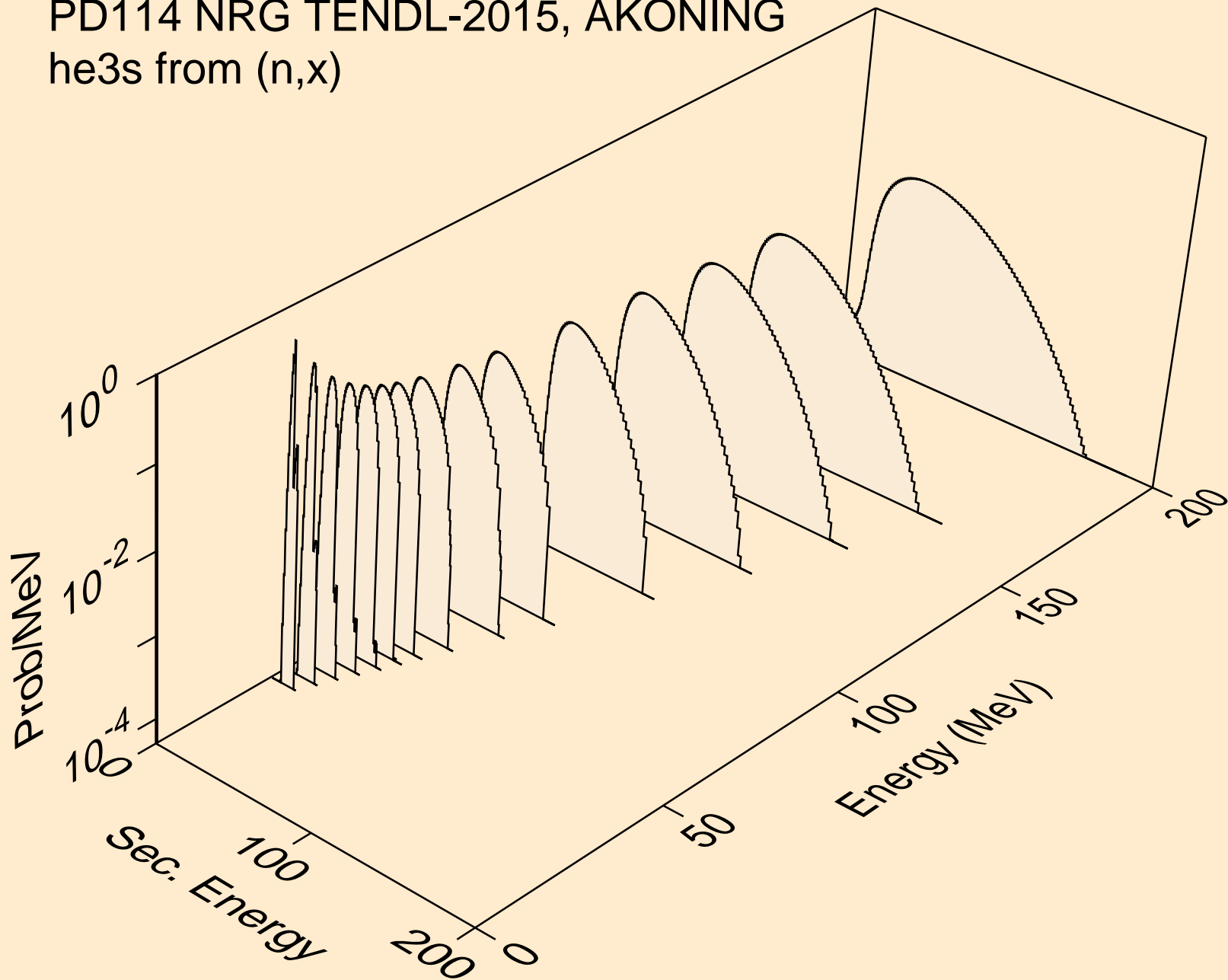
PD114 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



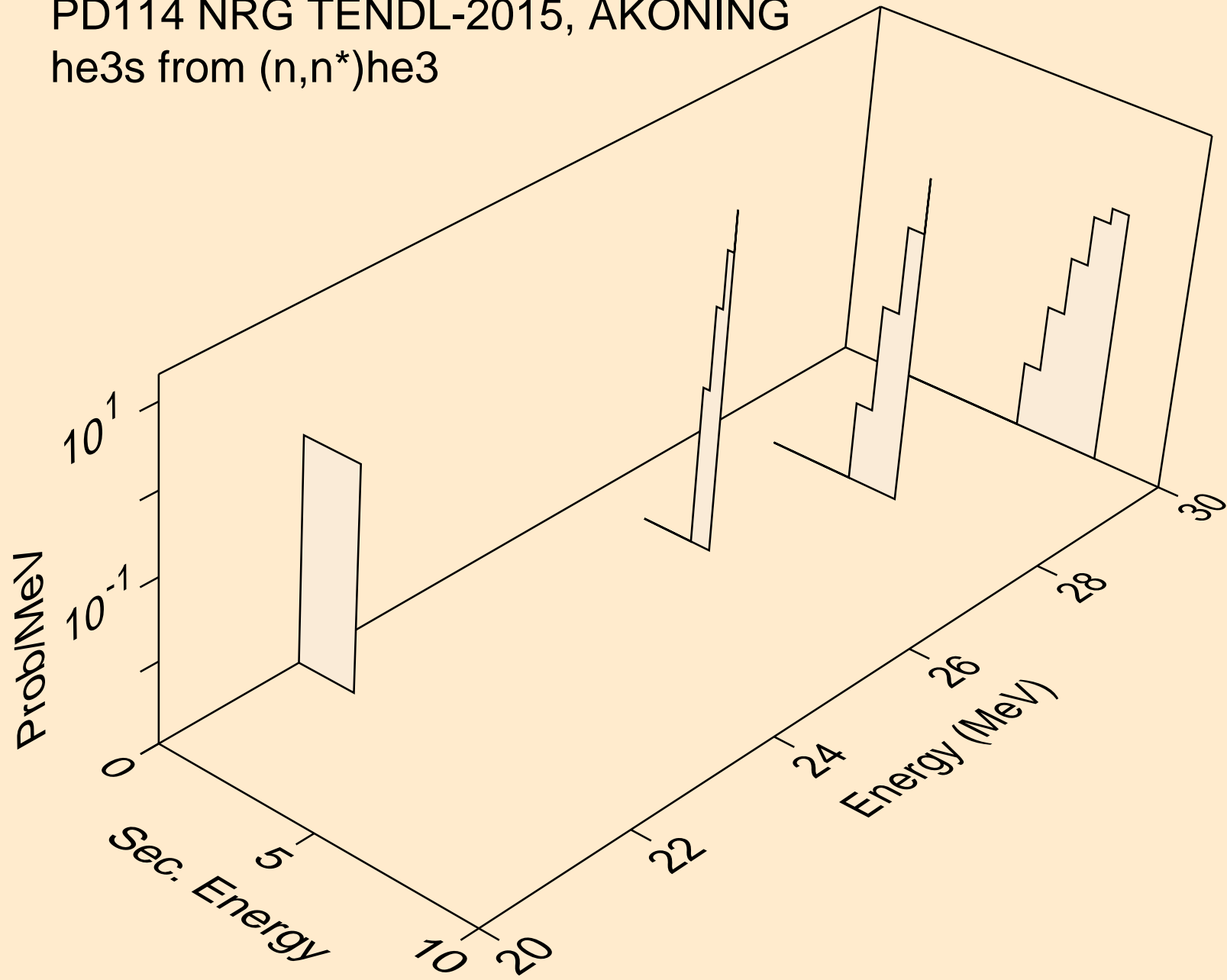
PD114 NRG TENDL-2015, AKONING  
tritons from (n,t)



PD114 NRG TENDL-2015, AKONING  
he3s from (n,x)

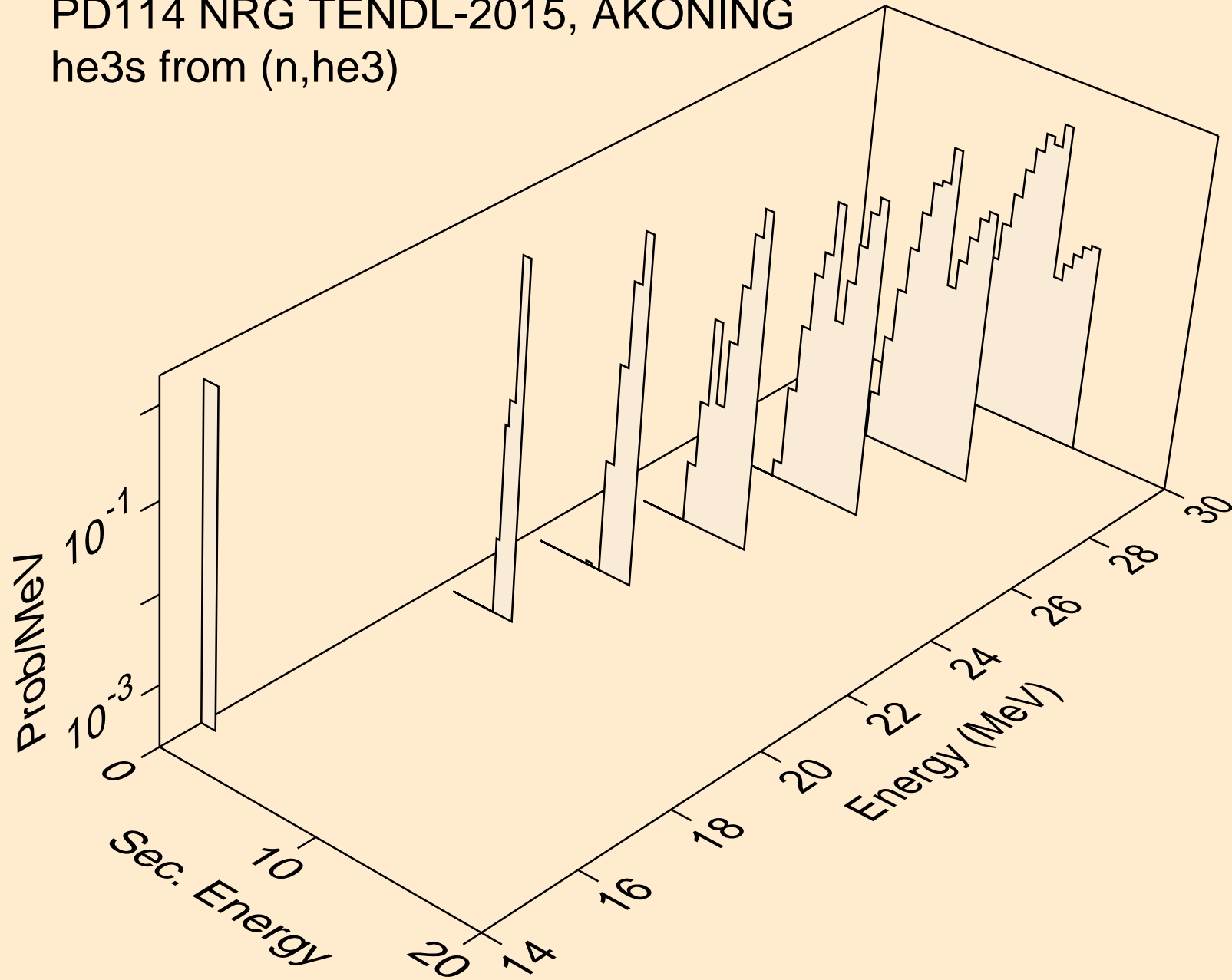


PD114 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

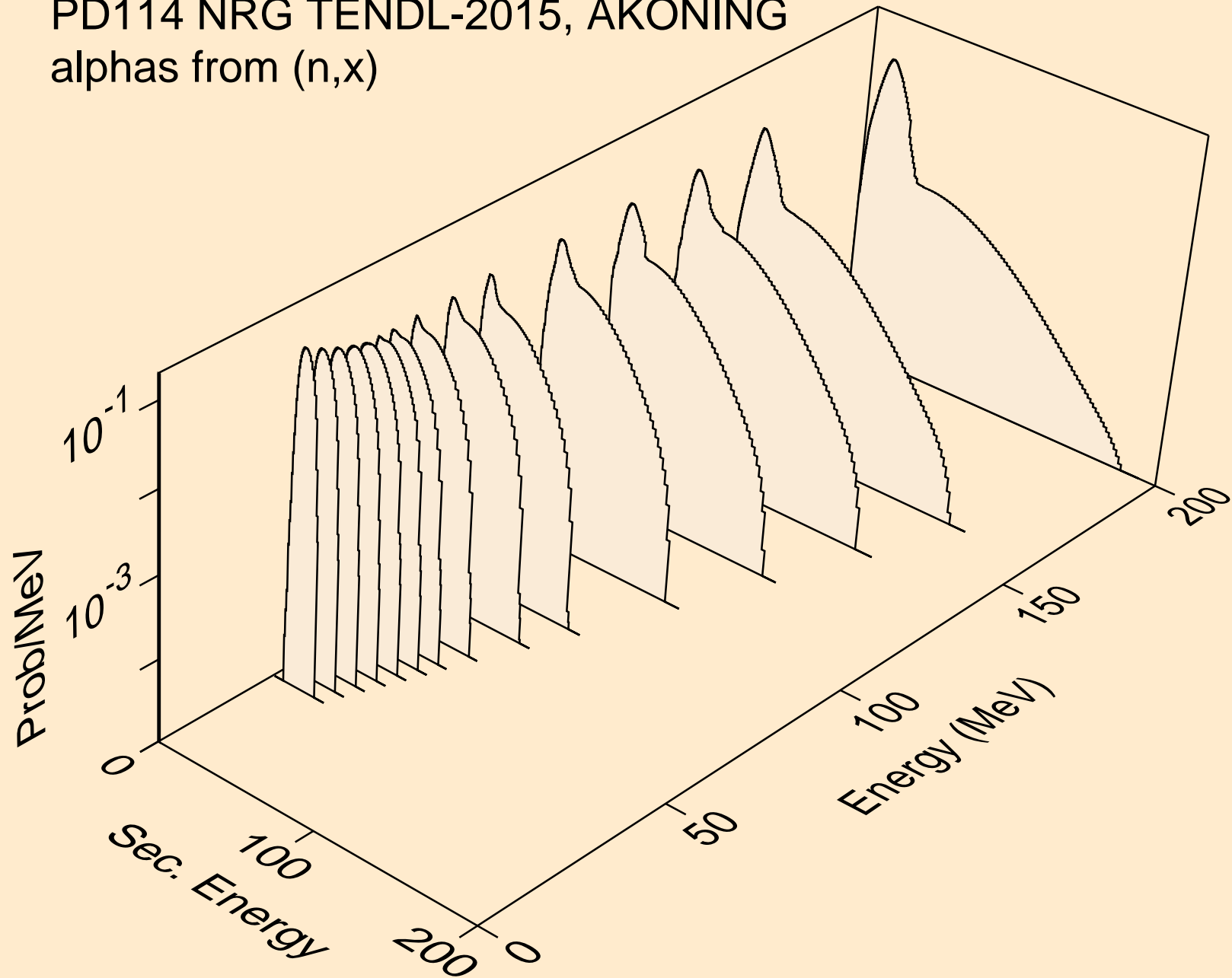




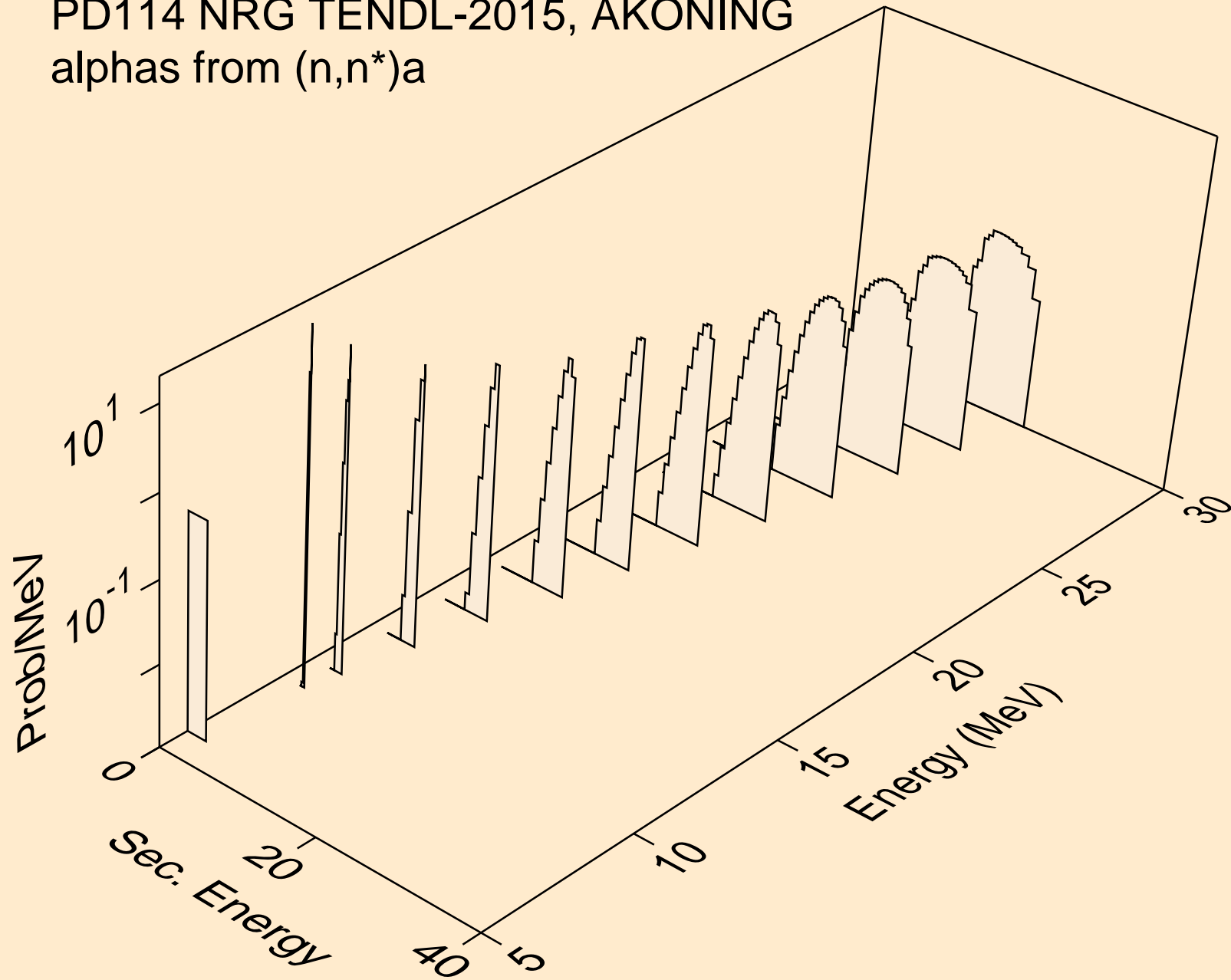
PD114 NRG TENDL-2015, AKONING  
he3s from (n,he3)



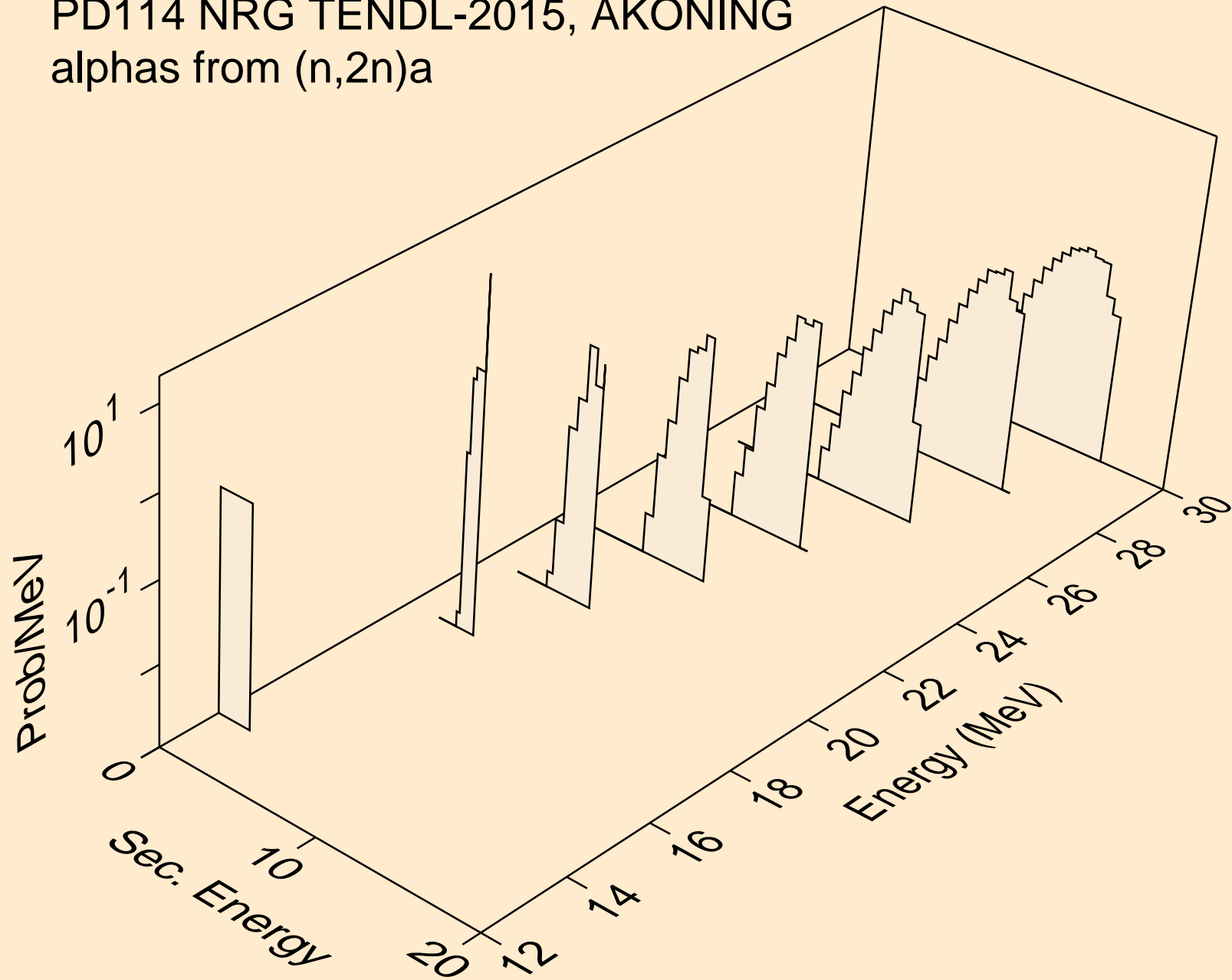
PD114 NRG TENDL-2015, AKONING  
alphas from (n,x)



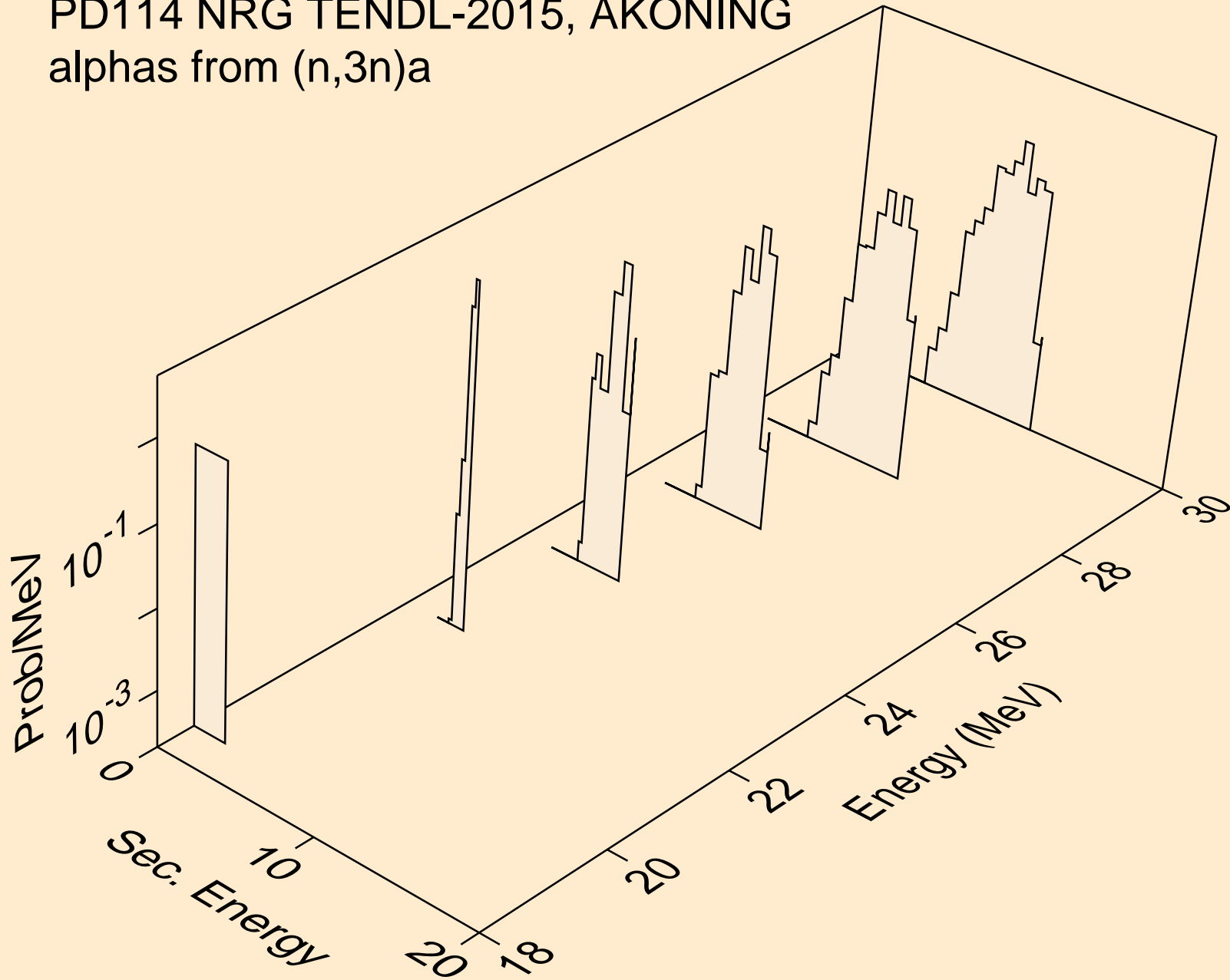
PD114 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



PD114 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



PD114 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



PD114 NRG TENDL-2015, AKONING  
alphas from (n,a)

