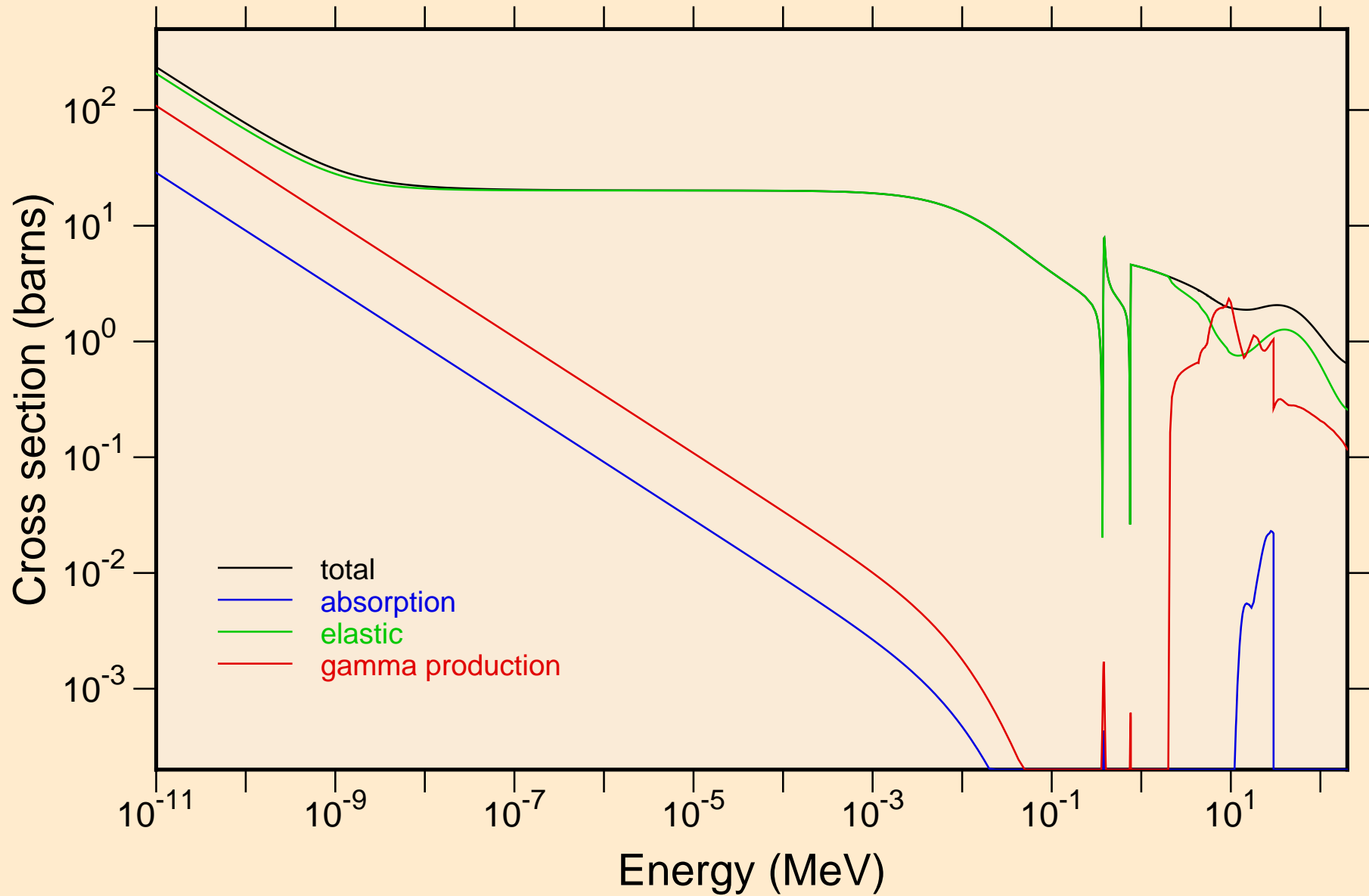
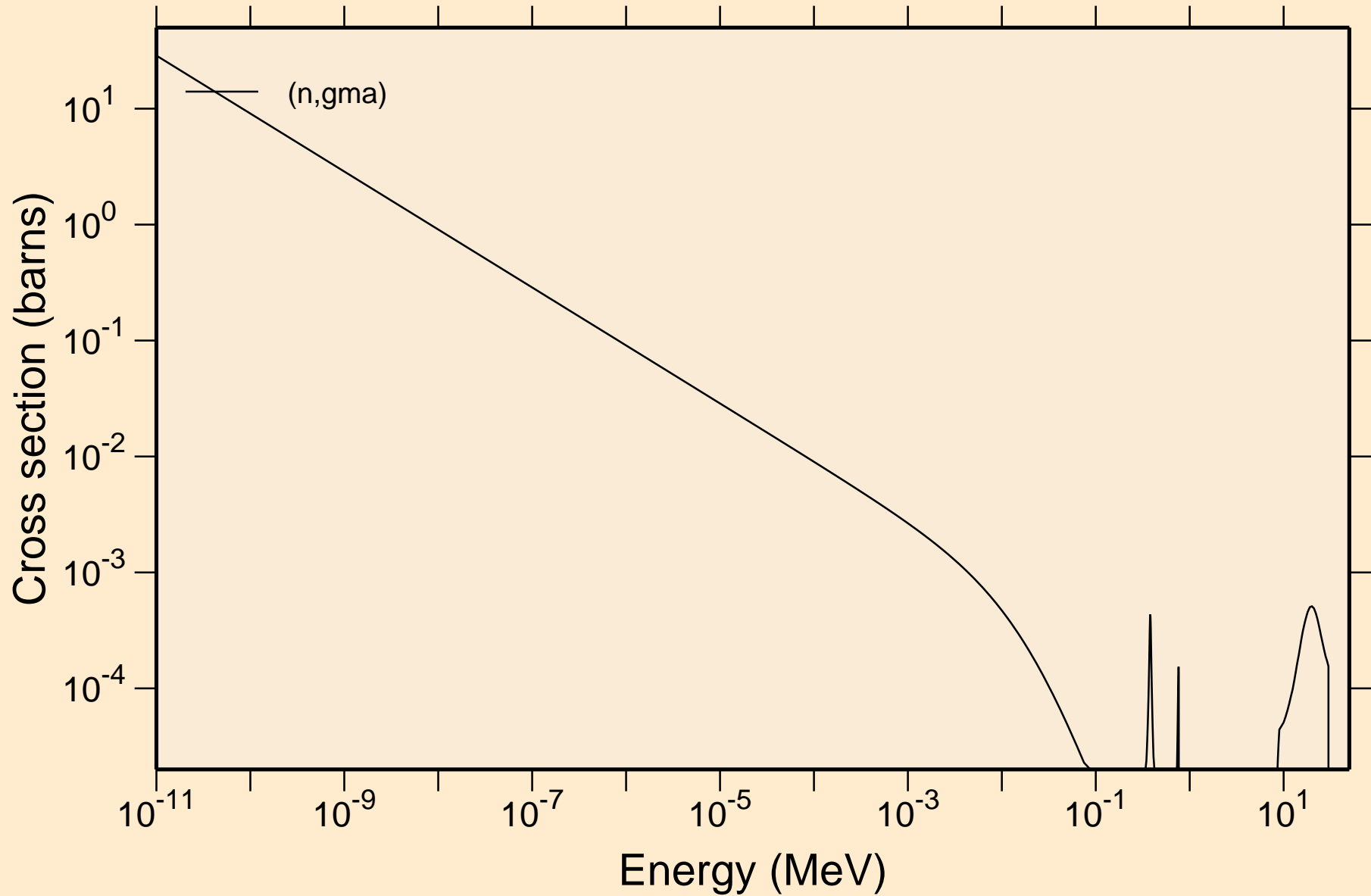


# SI032 NRG TENDL-2015, AKONING

## Principal cross sections

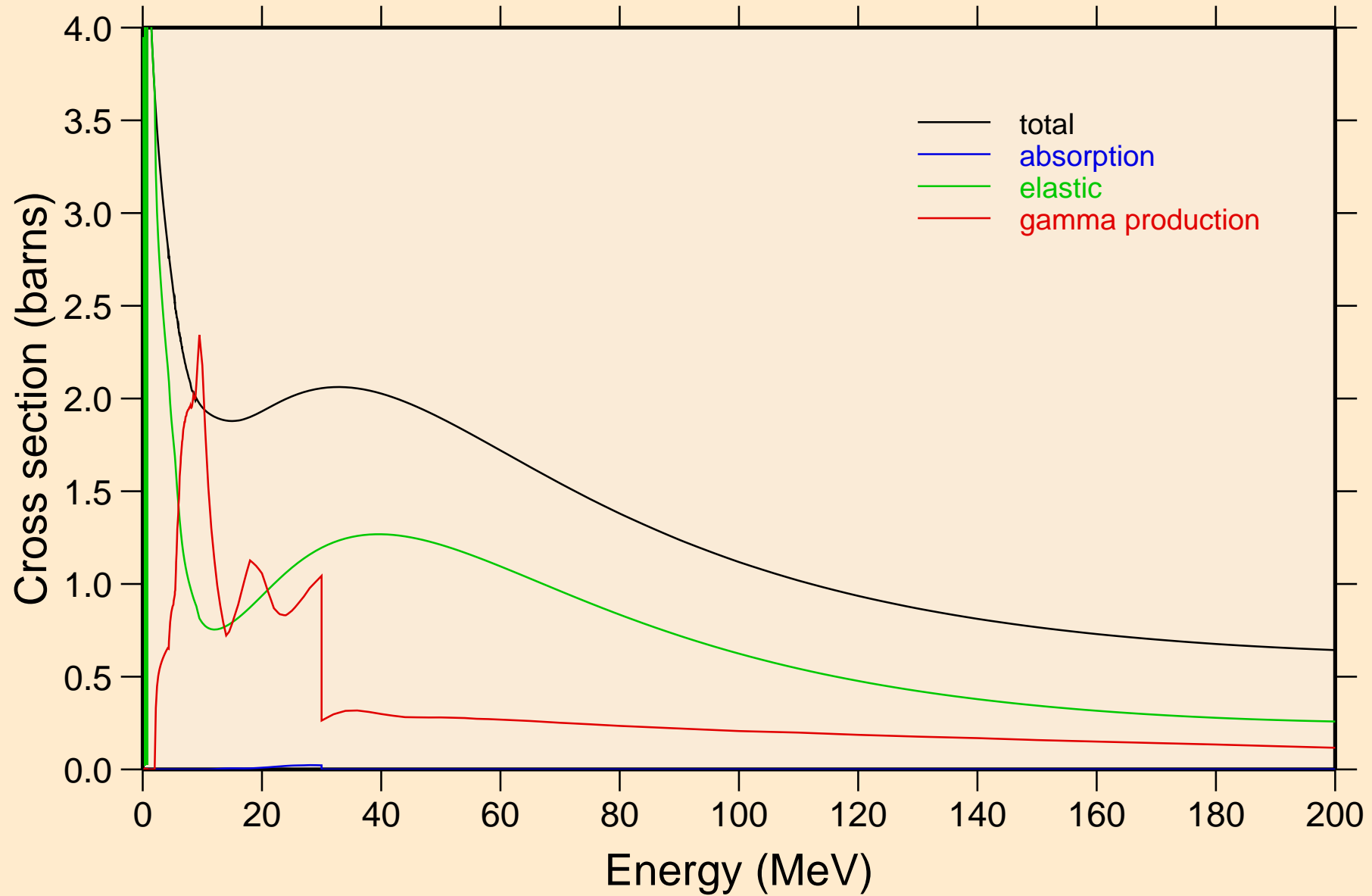


SI032 NRG TENDL-2015, AKONING  
Non-threshold reactions

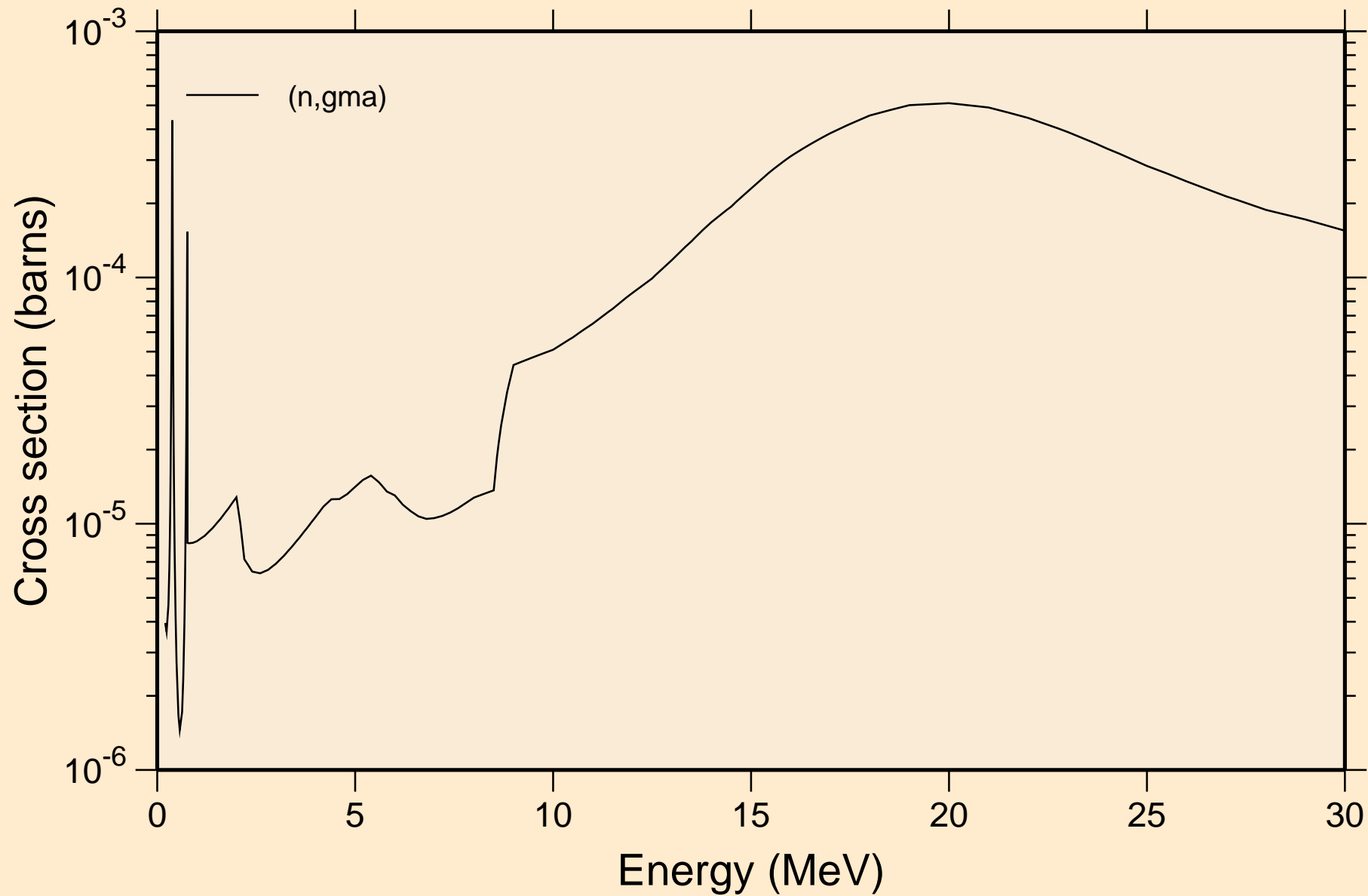


# SI032 NRG TENDL-2015, AKONING

## Principal cross sections

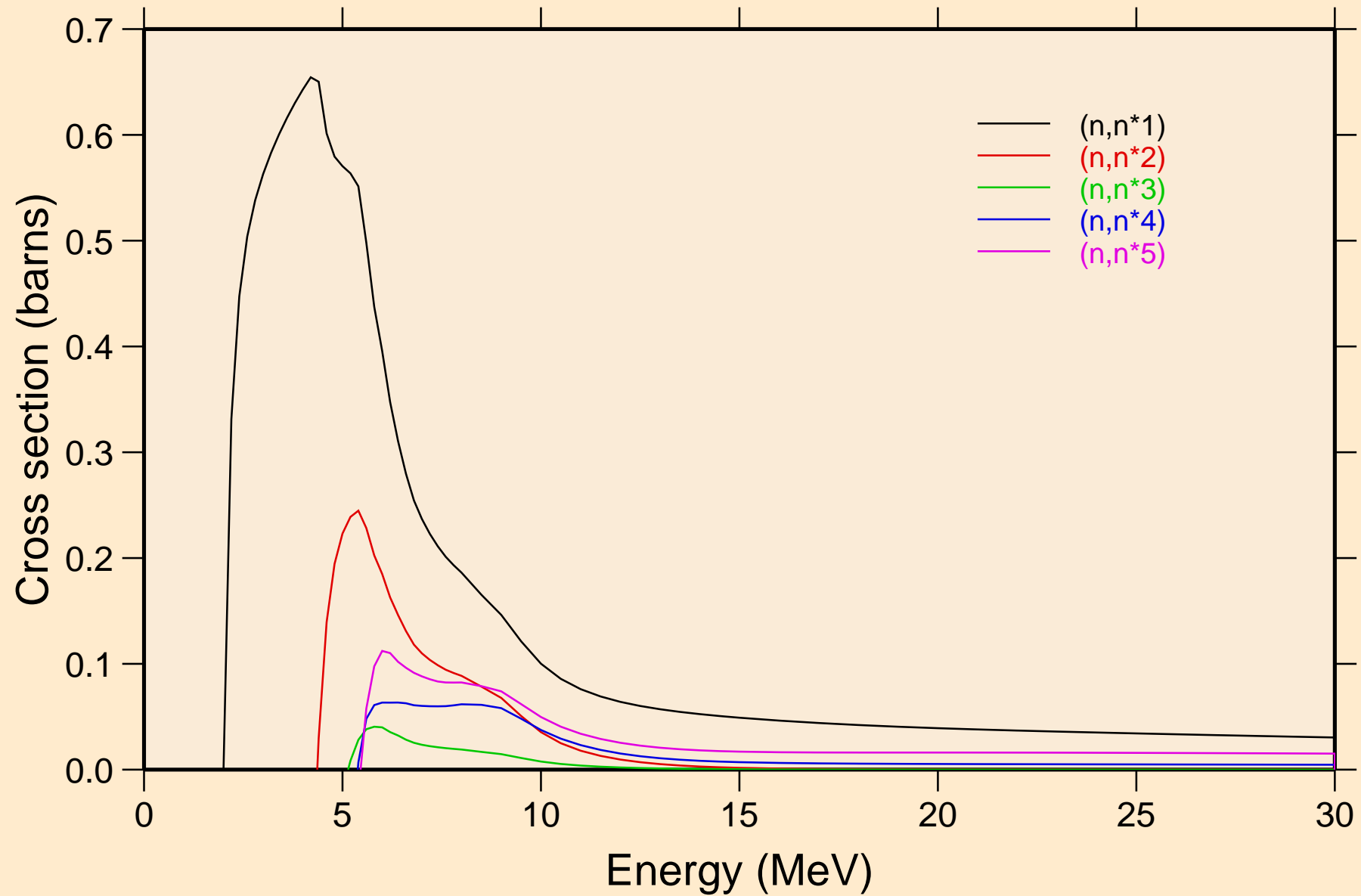


SI032 NRG TENDL-2015, AKONING  
Non-threshold reactions



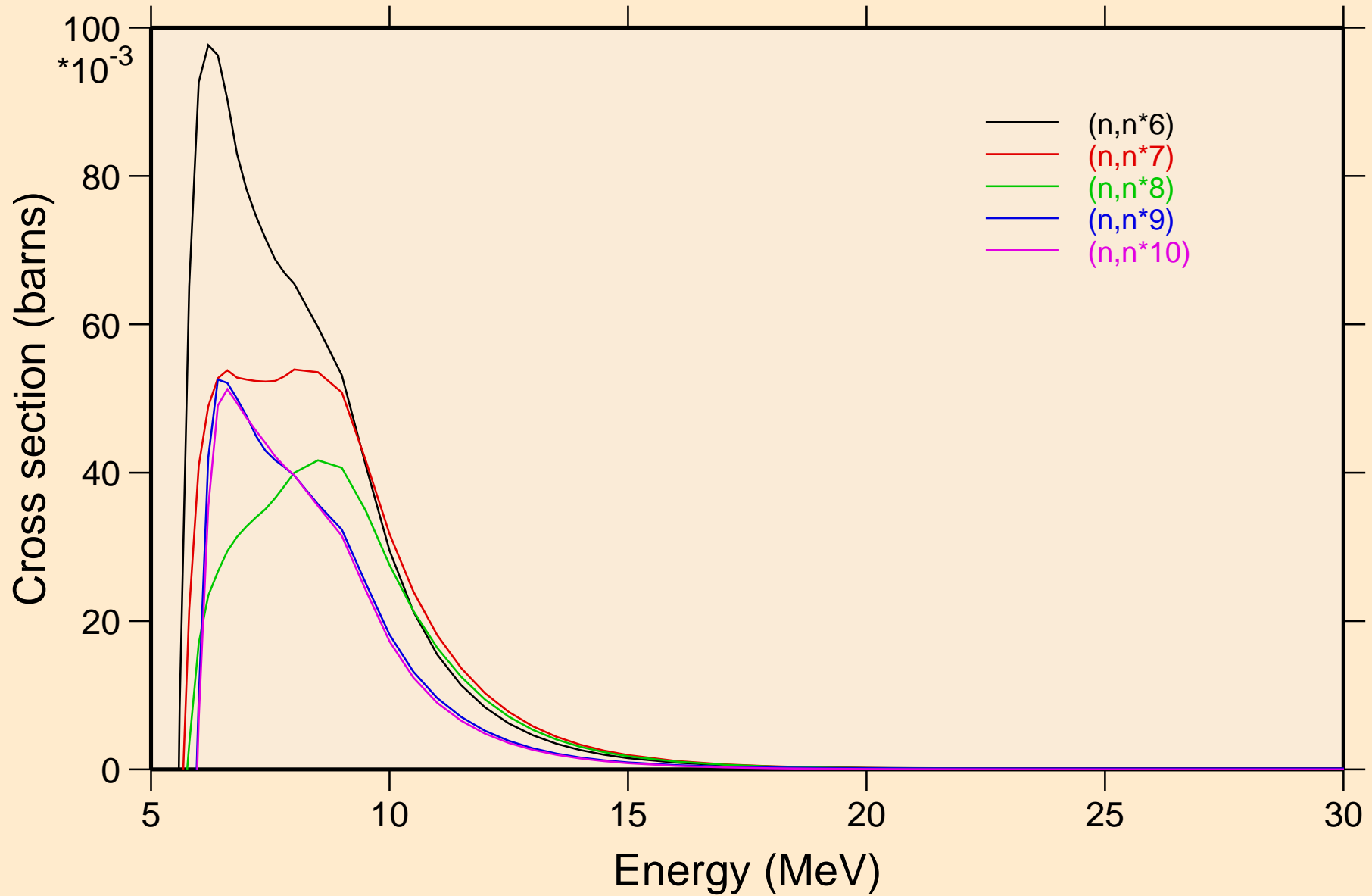
# SI032 NRG TENDL-2015, AKONING

## Inelastic levels



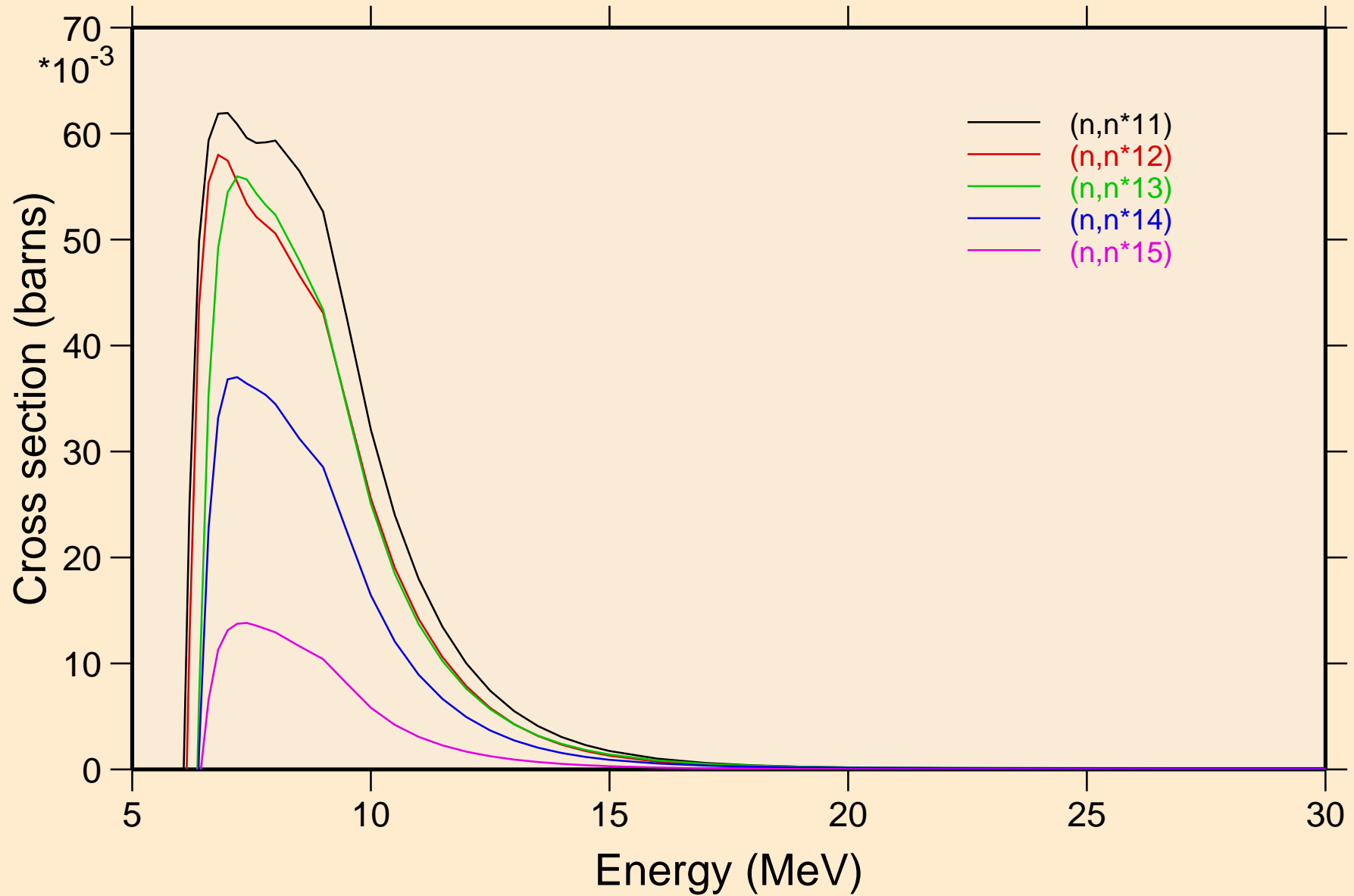
# SI032 NRG TENDL-2015, AKONING

## Inelastic levels



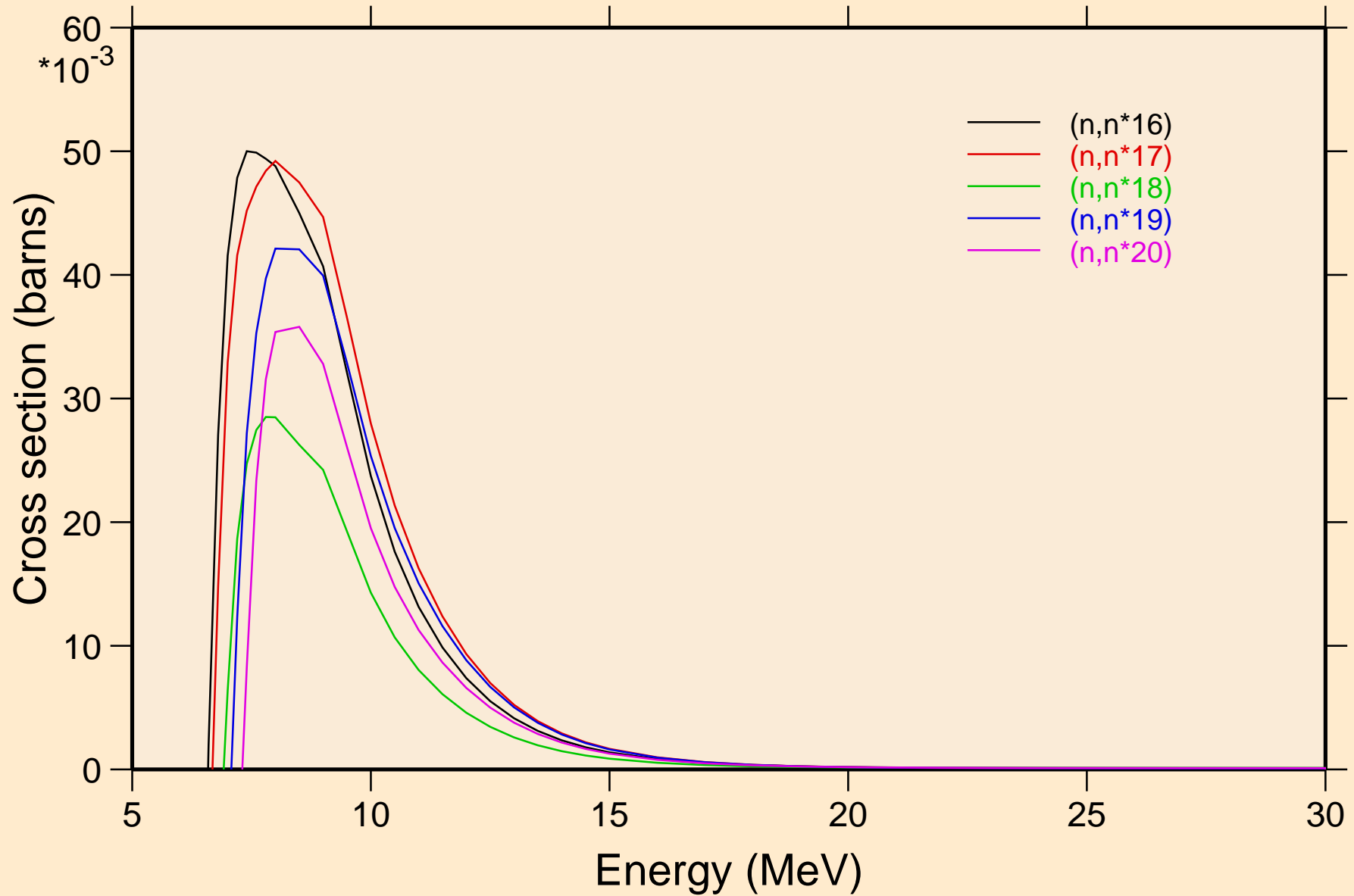
# SI032 NRG TENDL-2015, AKONING

## Inelastic levels



# SI032 NRG TENDL-2015, AKONING

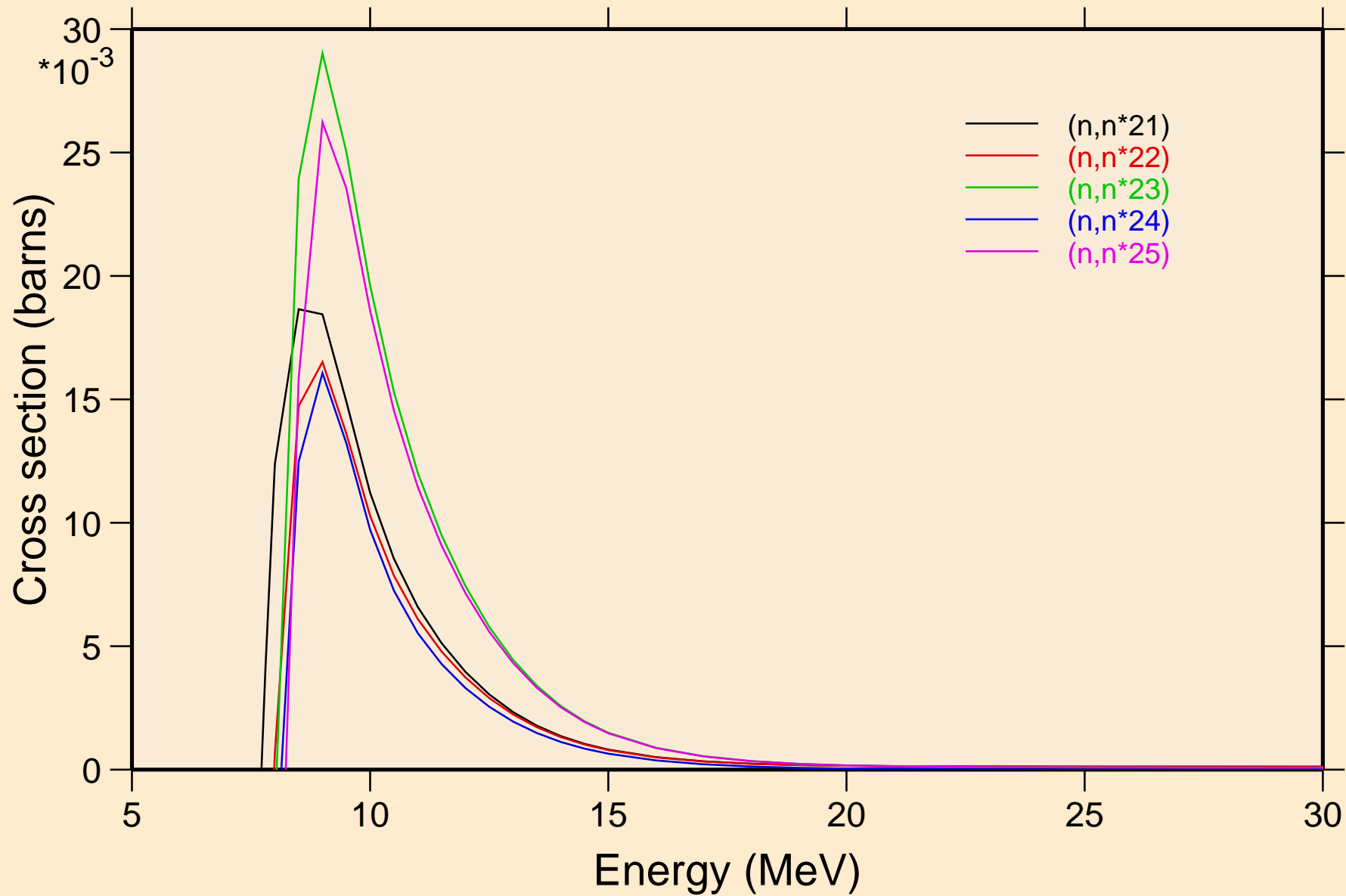
## Inelastic levels





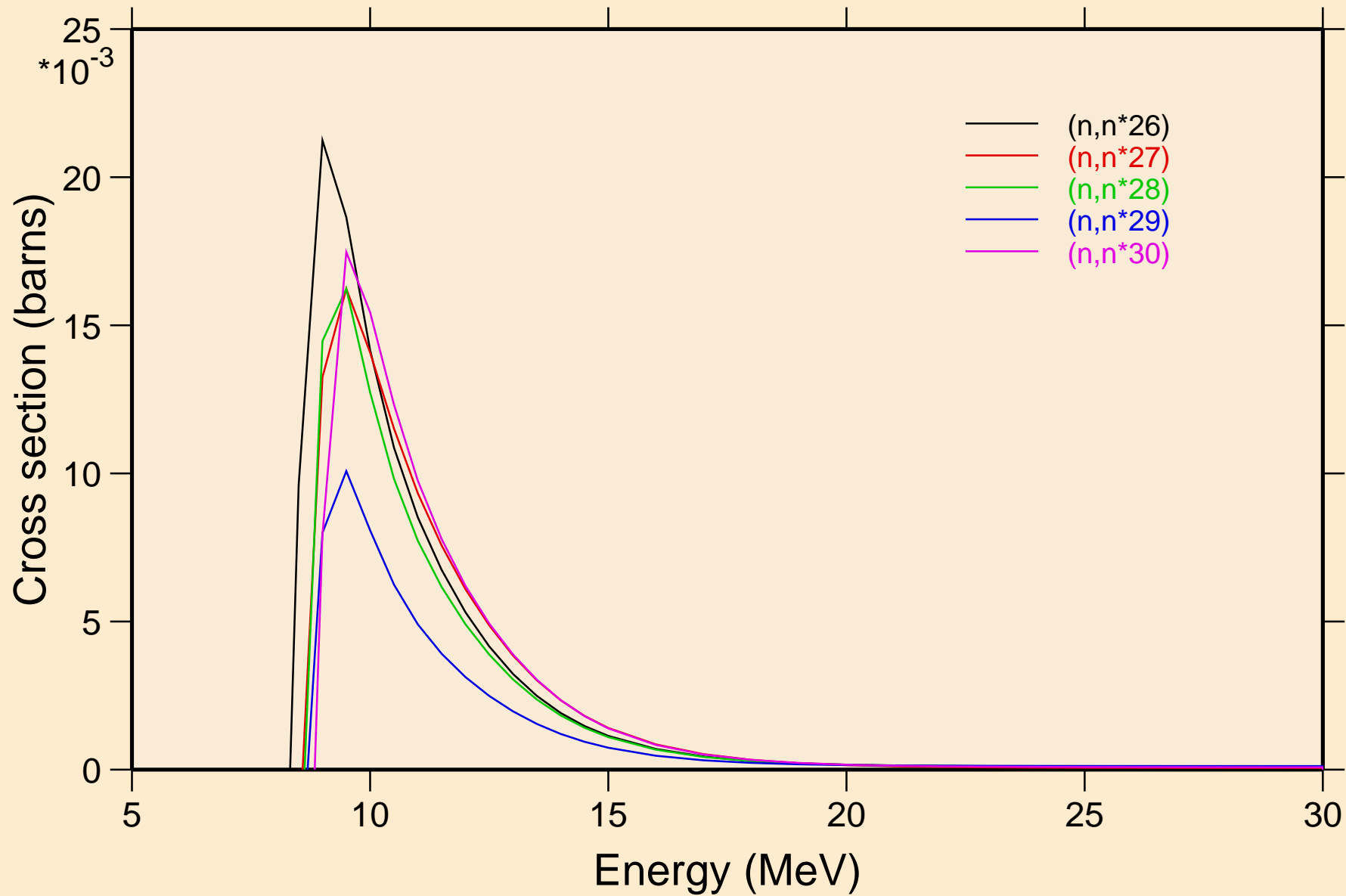
# SI032 NRG TENDL-2015, AKONING

## Inelastic levels



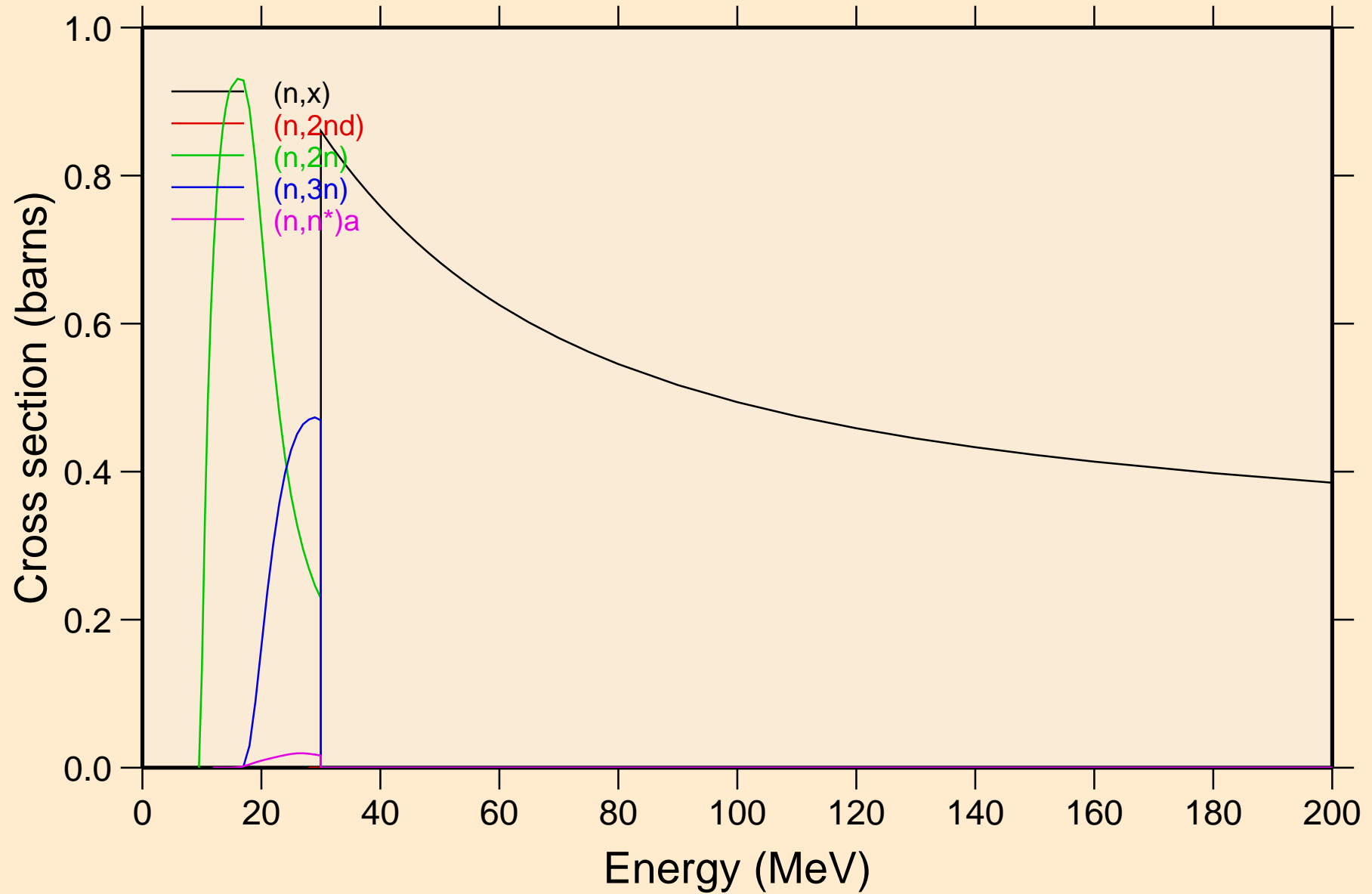
# SI032 NRG TENDL-2015, AKONING

## Inelastic levels



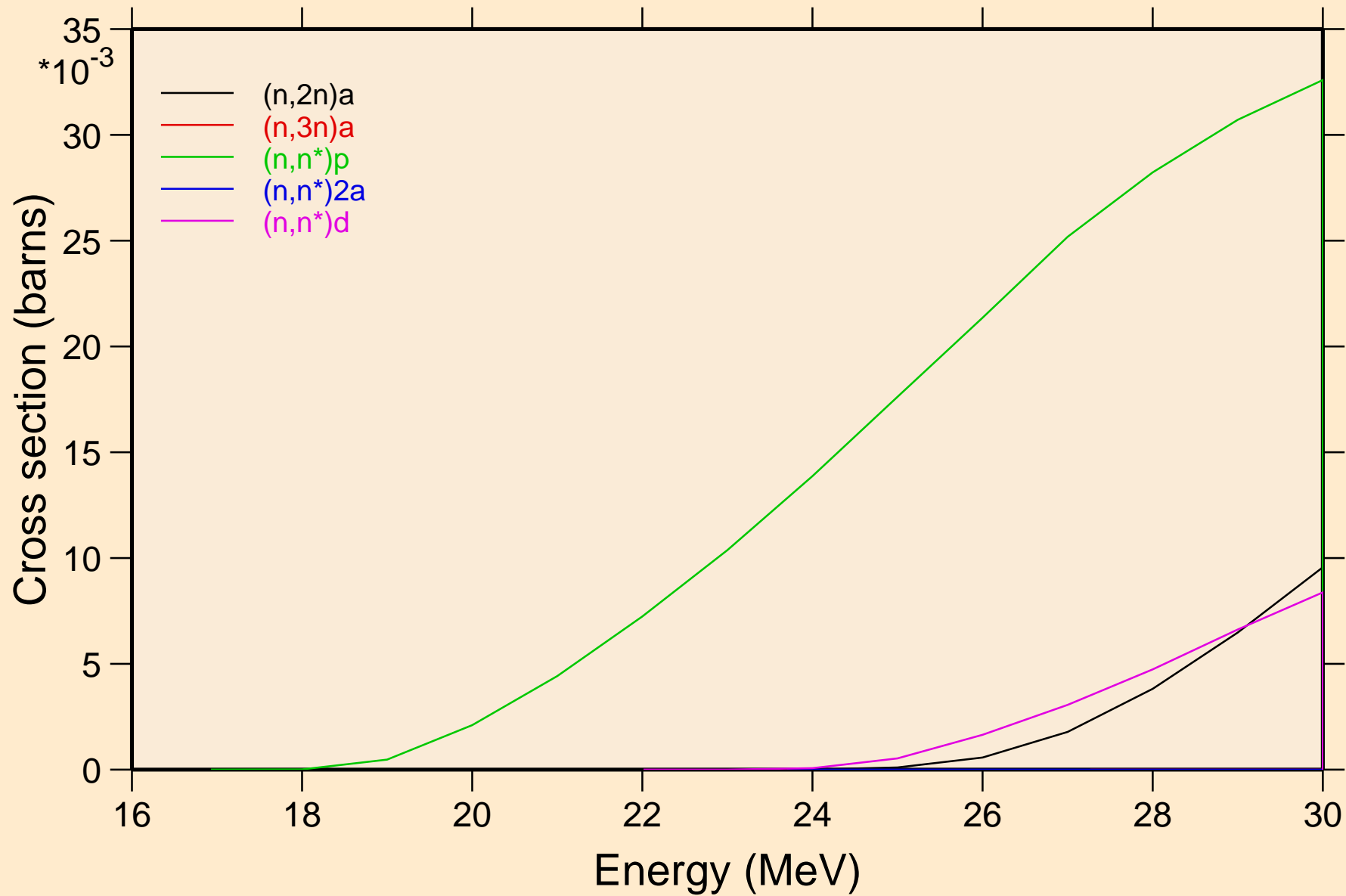
# SI032 NRG TENDL-2015, AKONING

## Threshold reactions



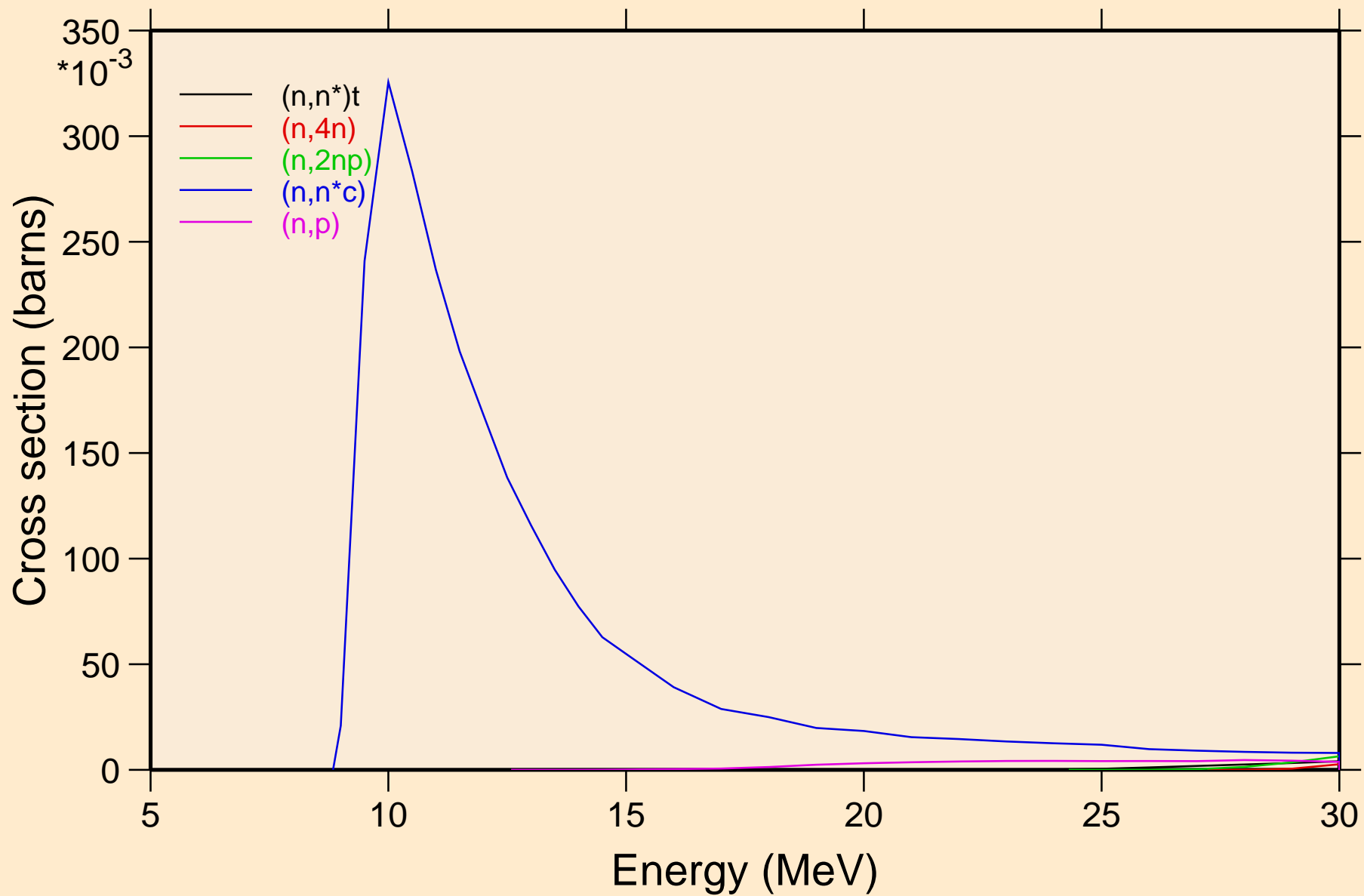
# SI032 NRG TENDL-2015, AKONING

## Threshold reactions



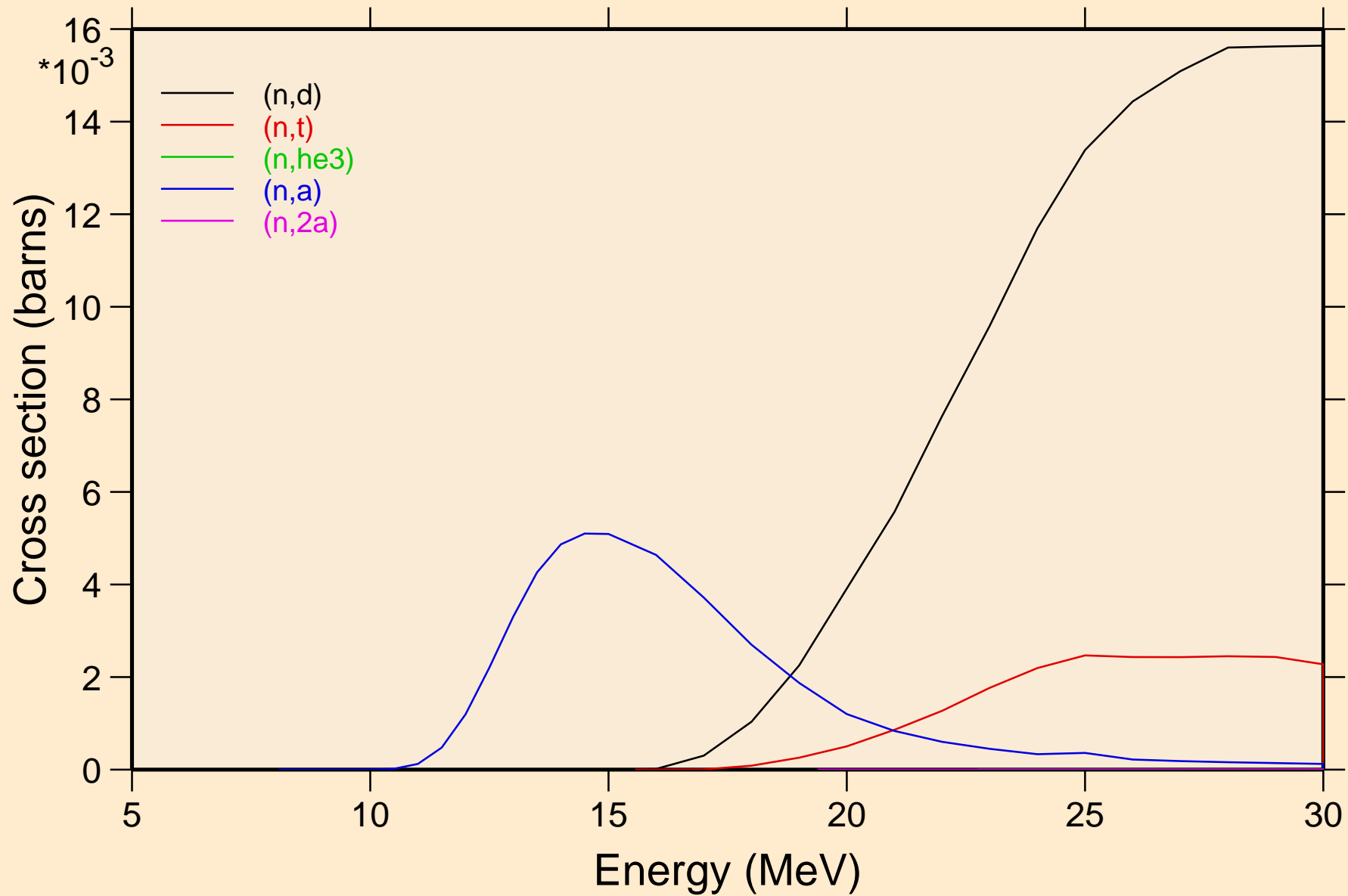
# SI032 NRG TENDL-2015, AKONING

## Threshold reactions



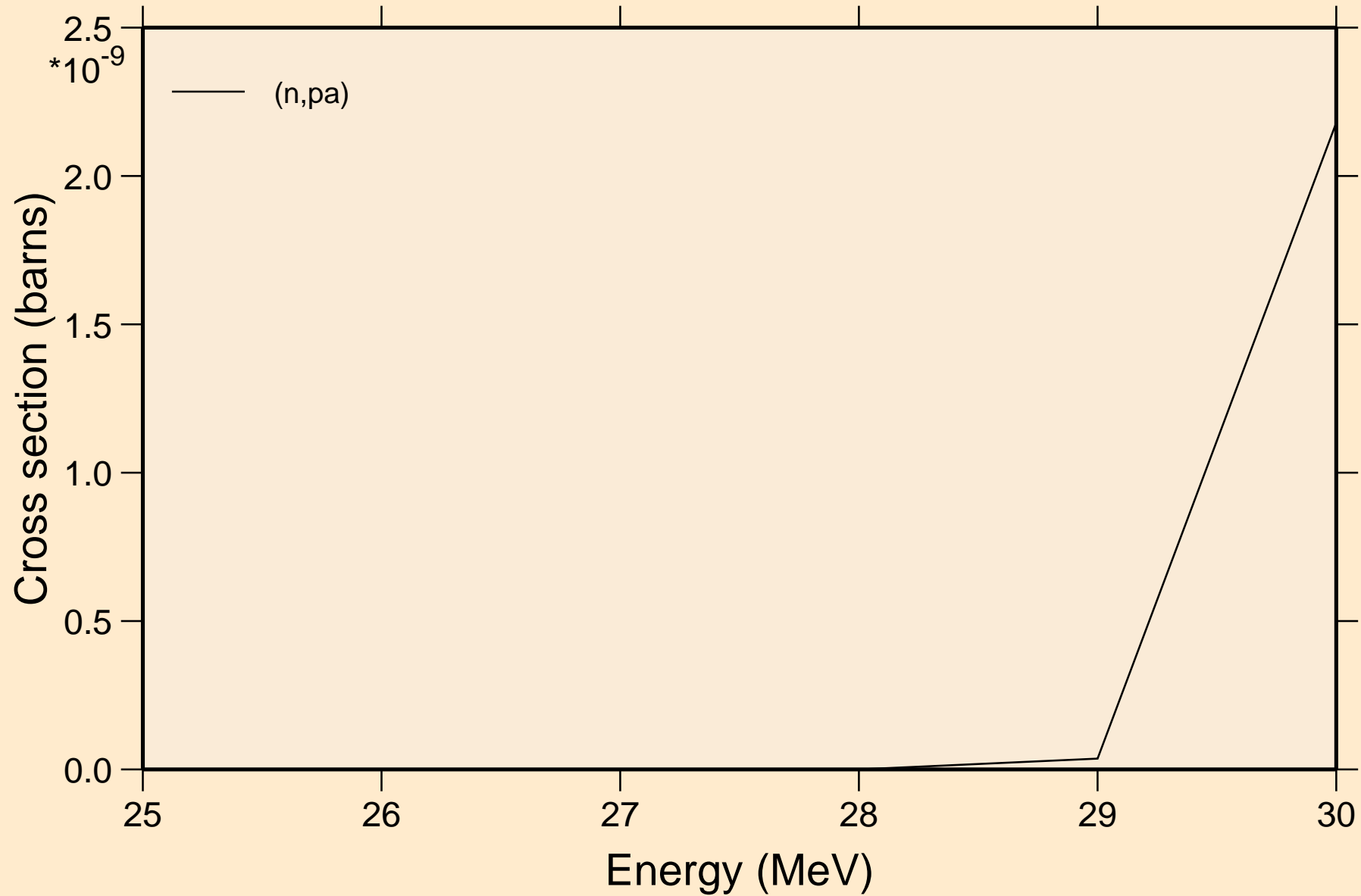
# SI032 NRG TENDL-2015, AKONING

## Threshold reactions

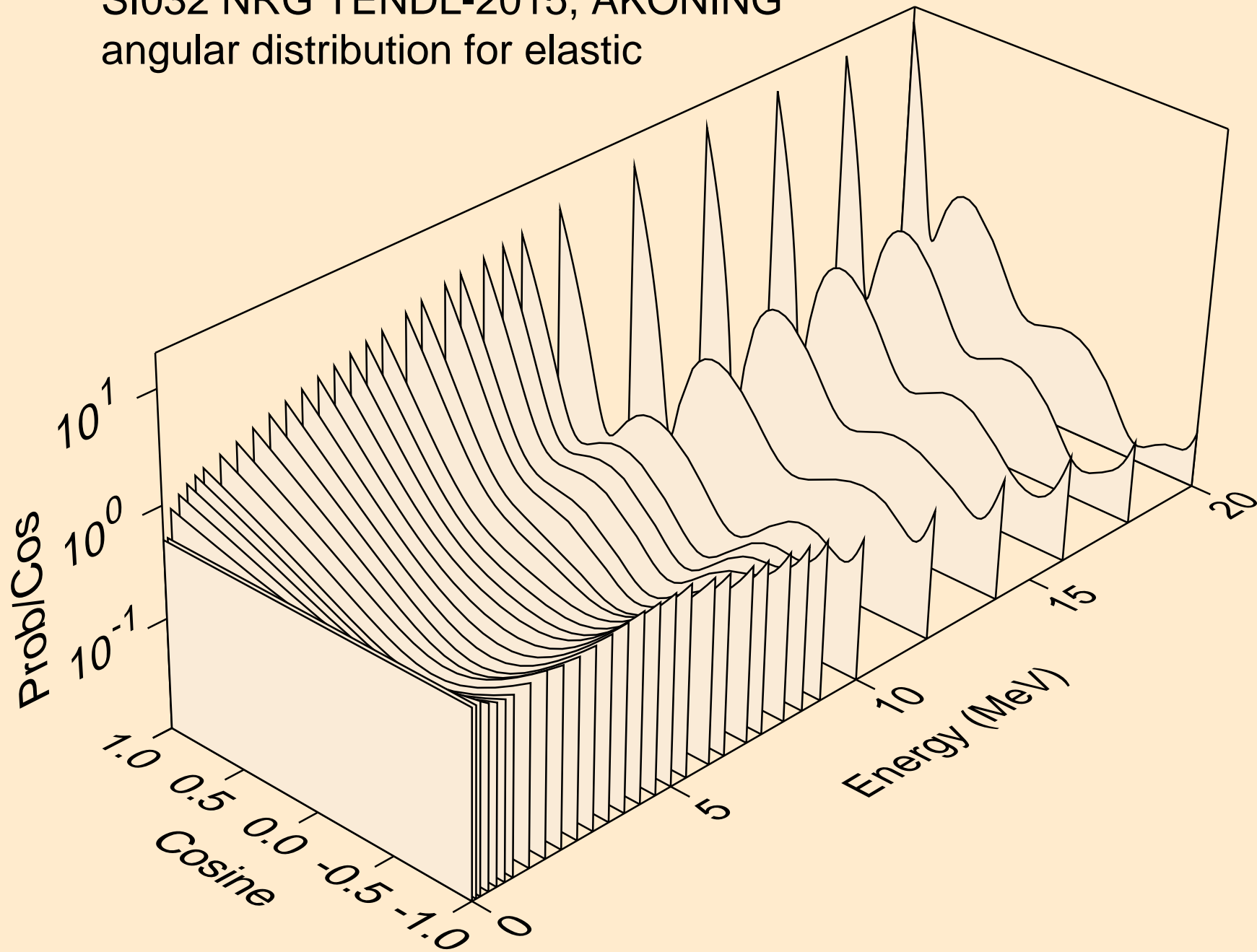


# SI032 NRG TENDL-2015, AKONING

## Threshold reactions

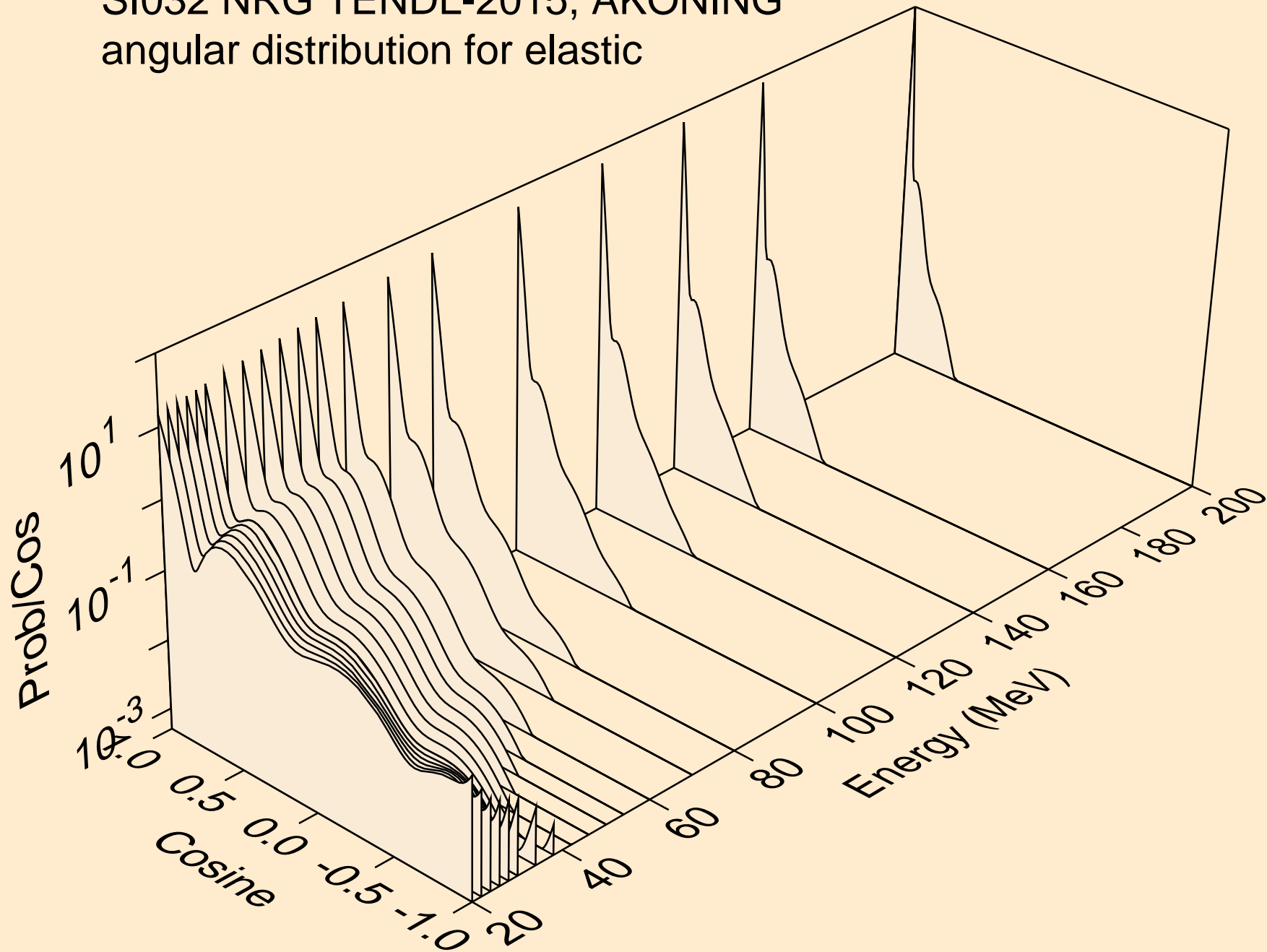


SI032 NRG TENDL-2015, AKONING  
angular distribution for elastic

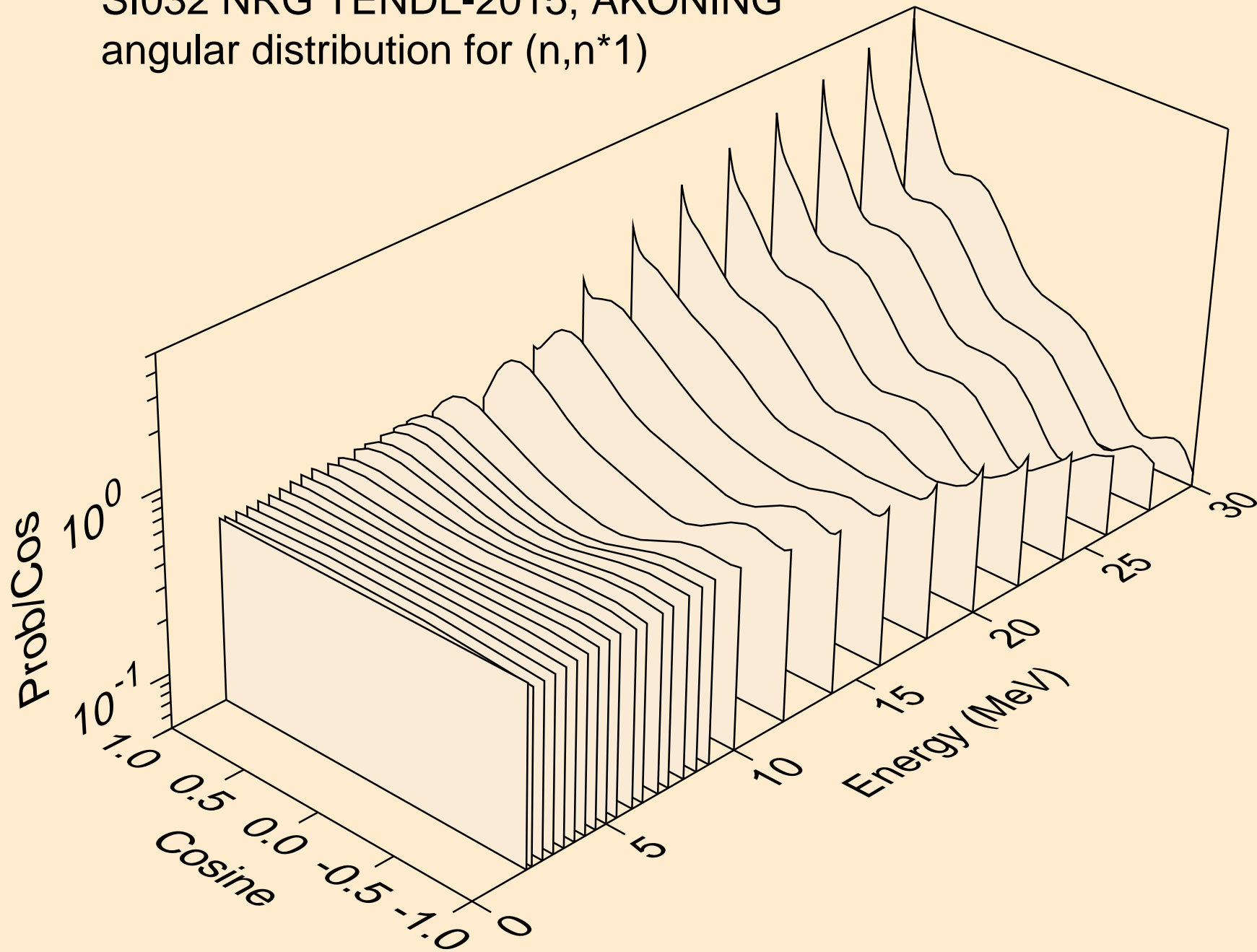




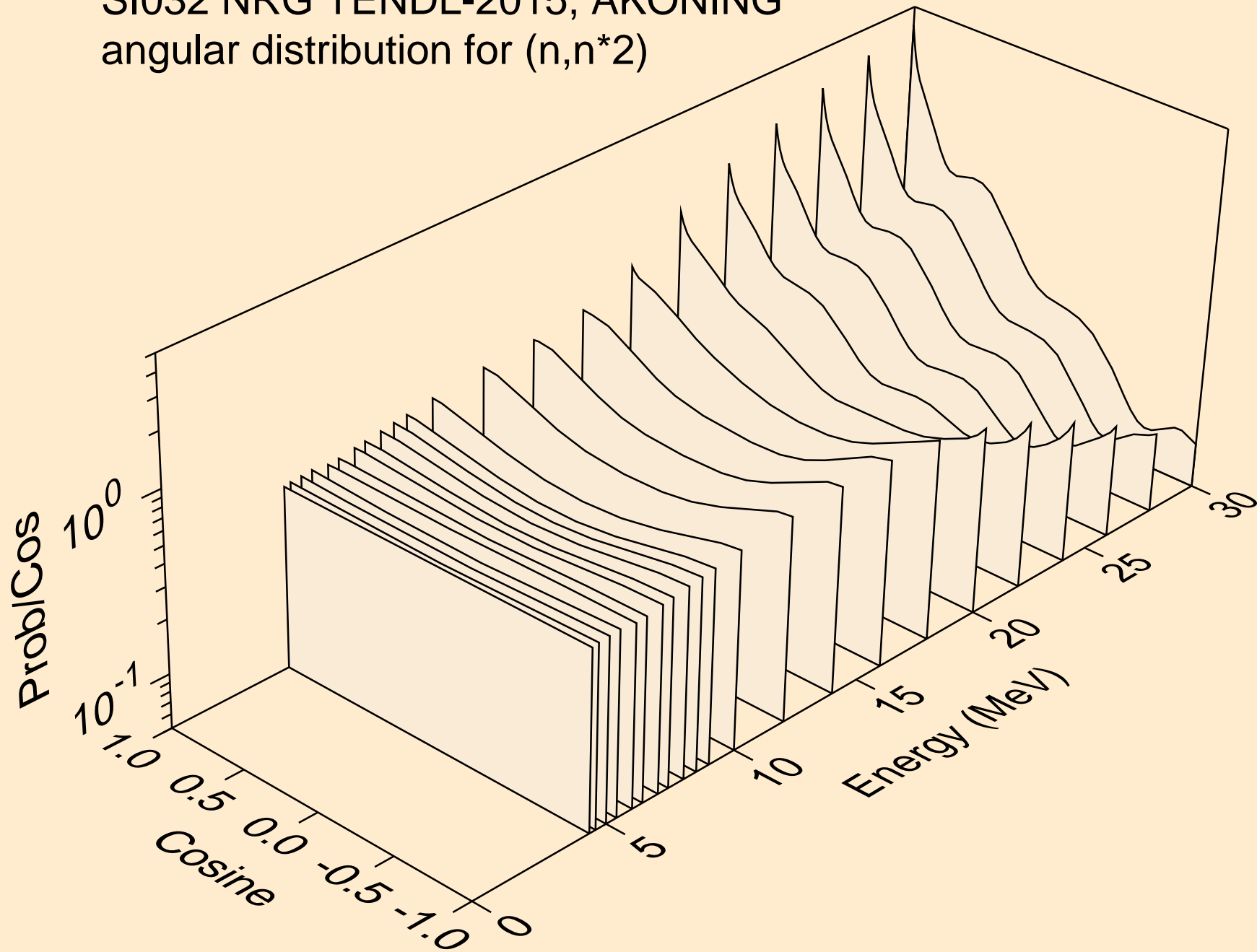
SI032 NRG TENDL-2015, AKONING  
angular distribution for elastic



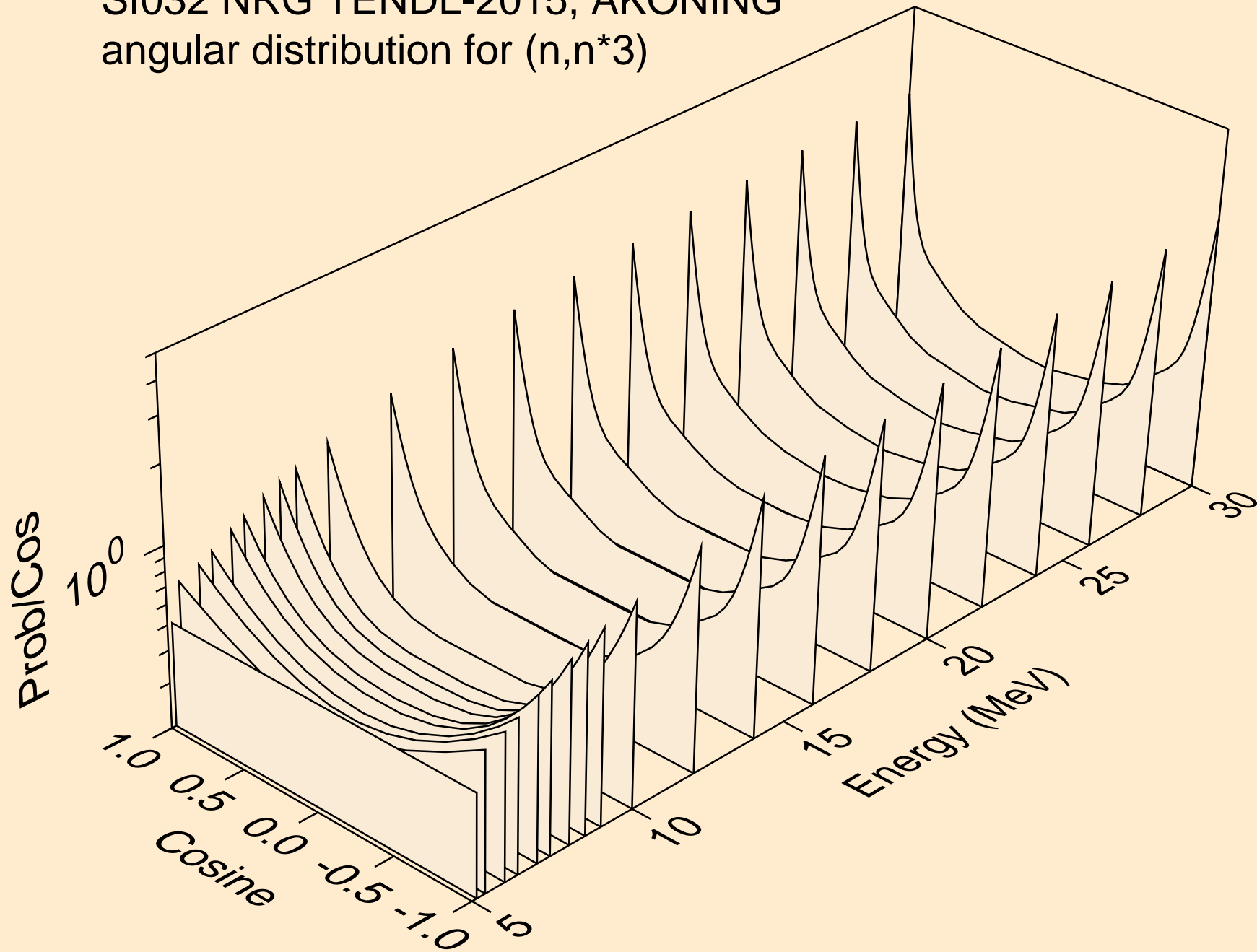
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



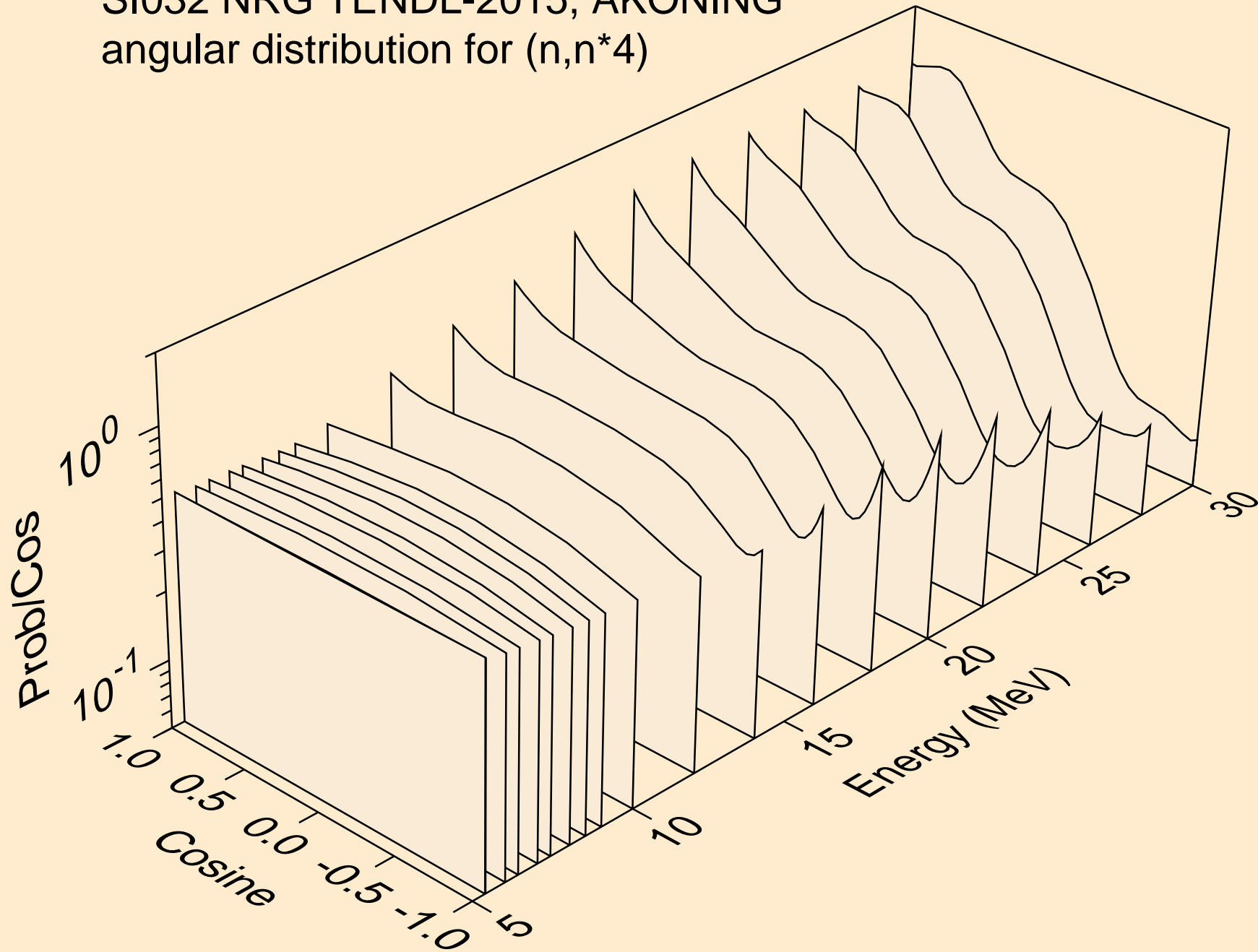
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



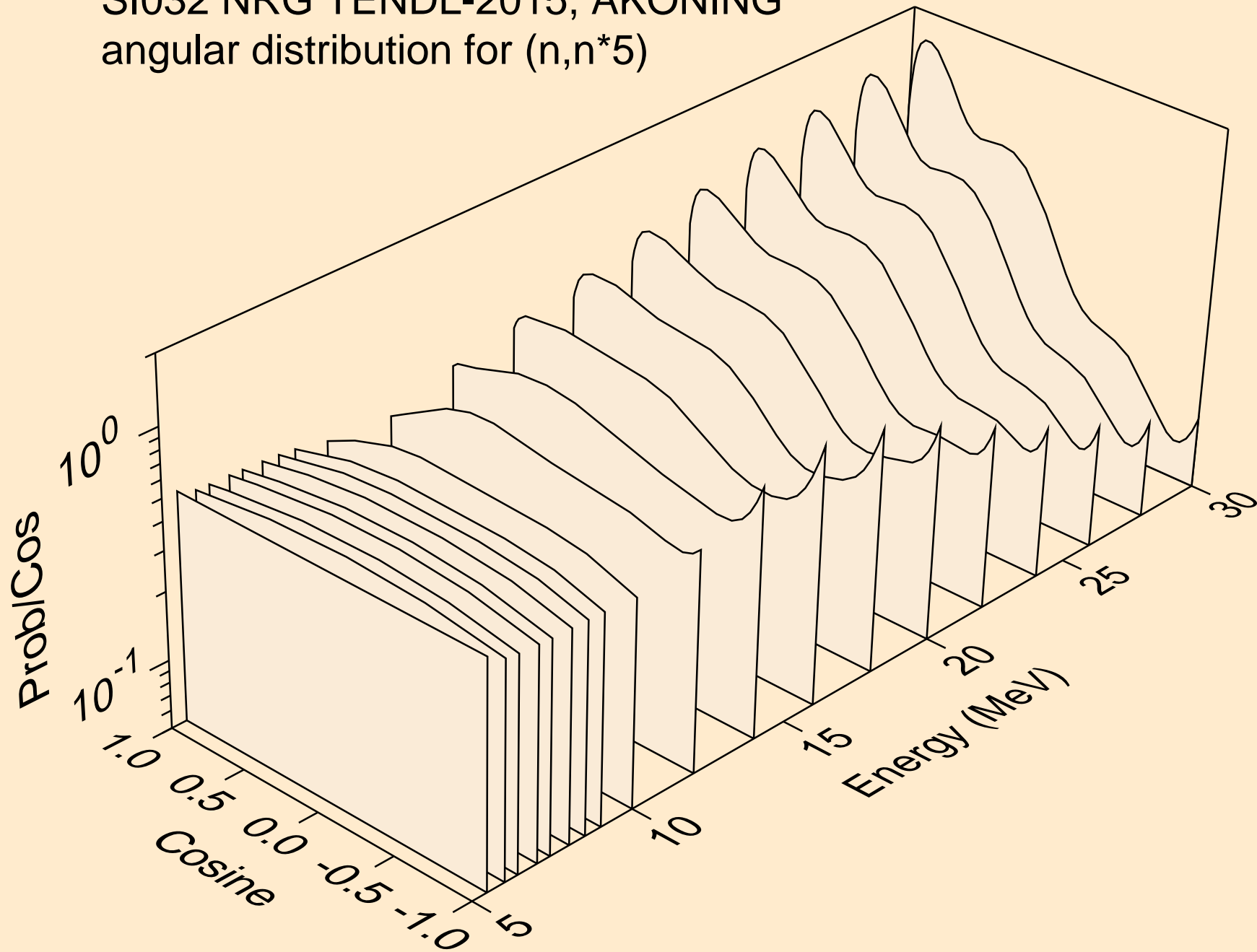
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



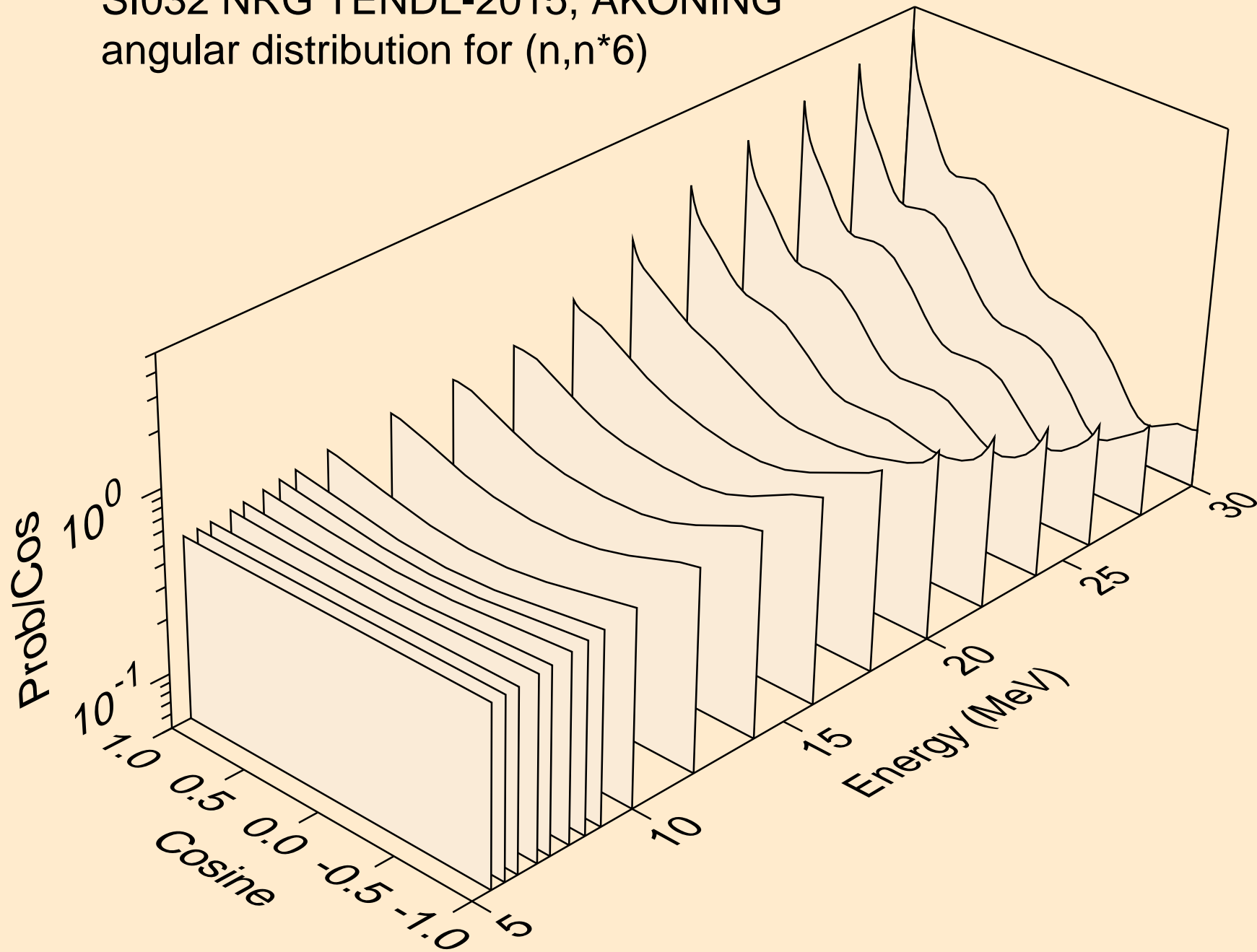
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



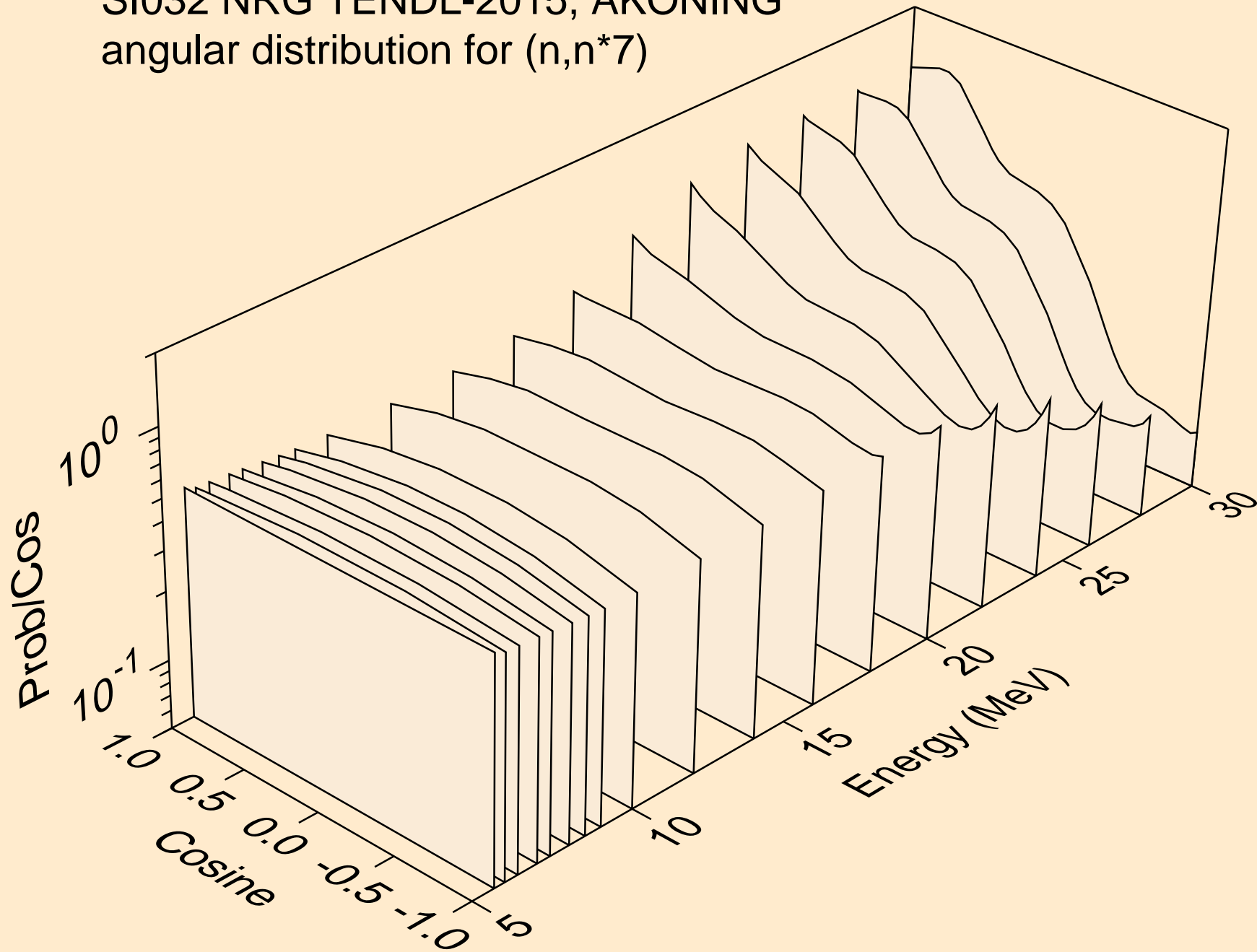
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

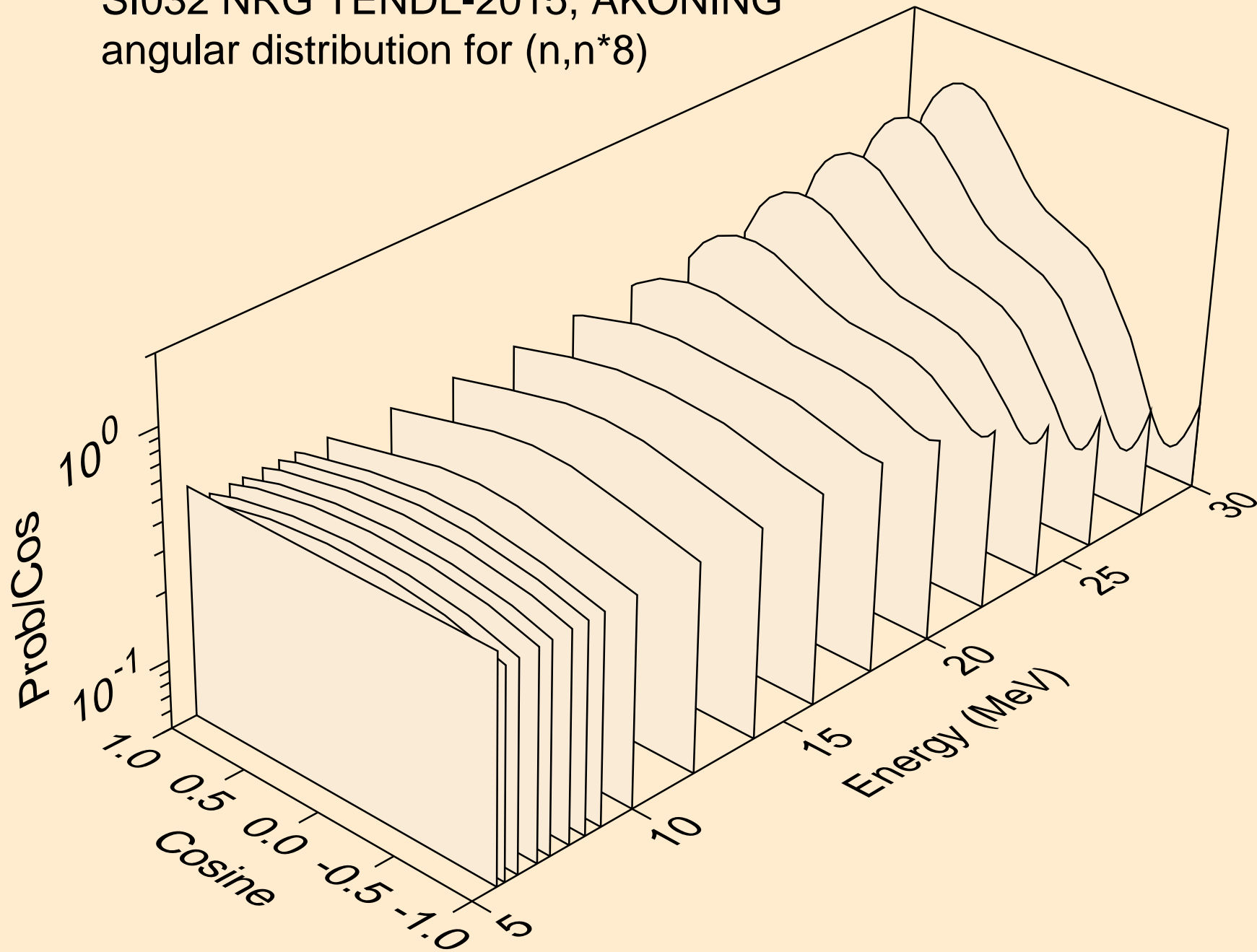


SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

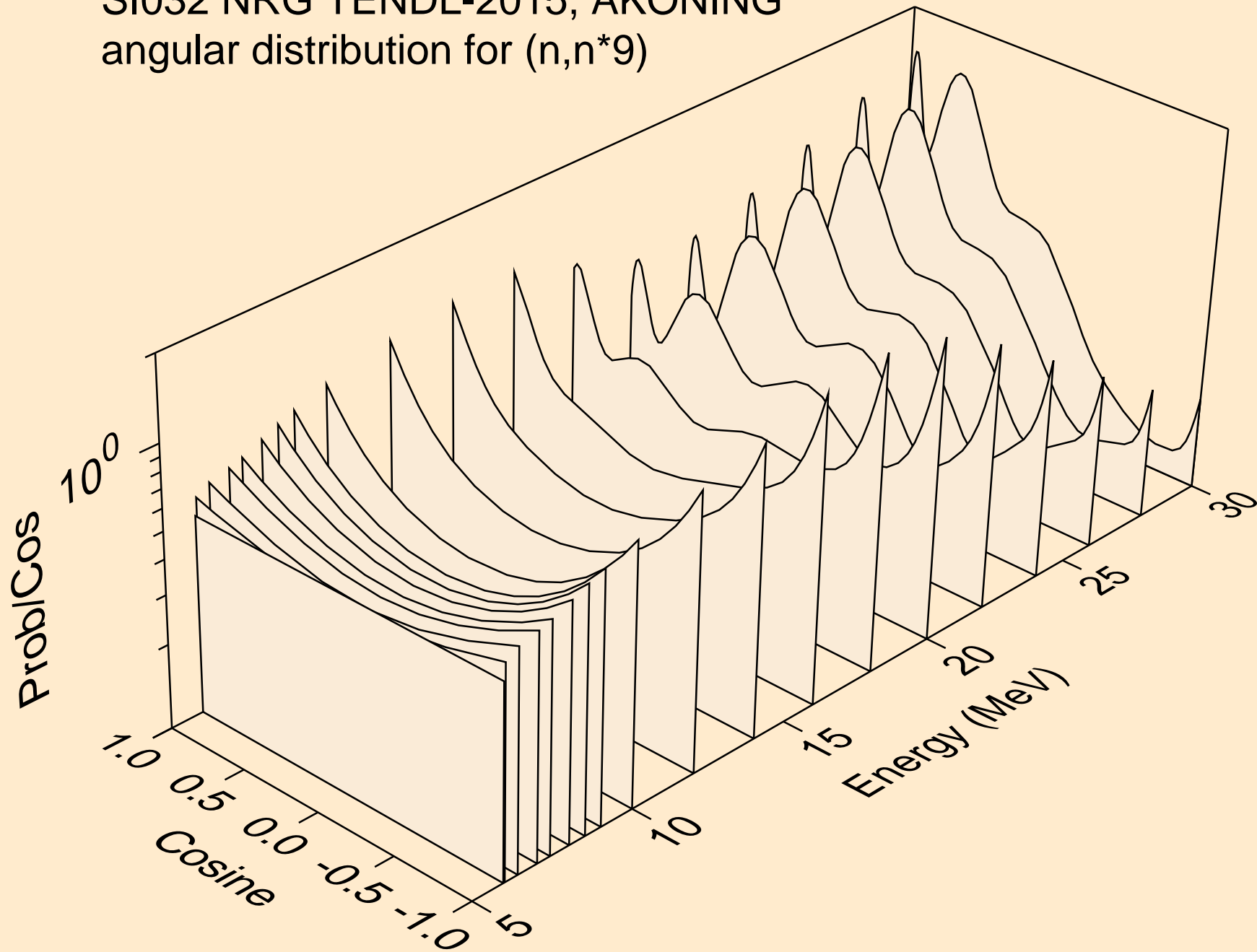




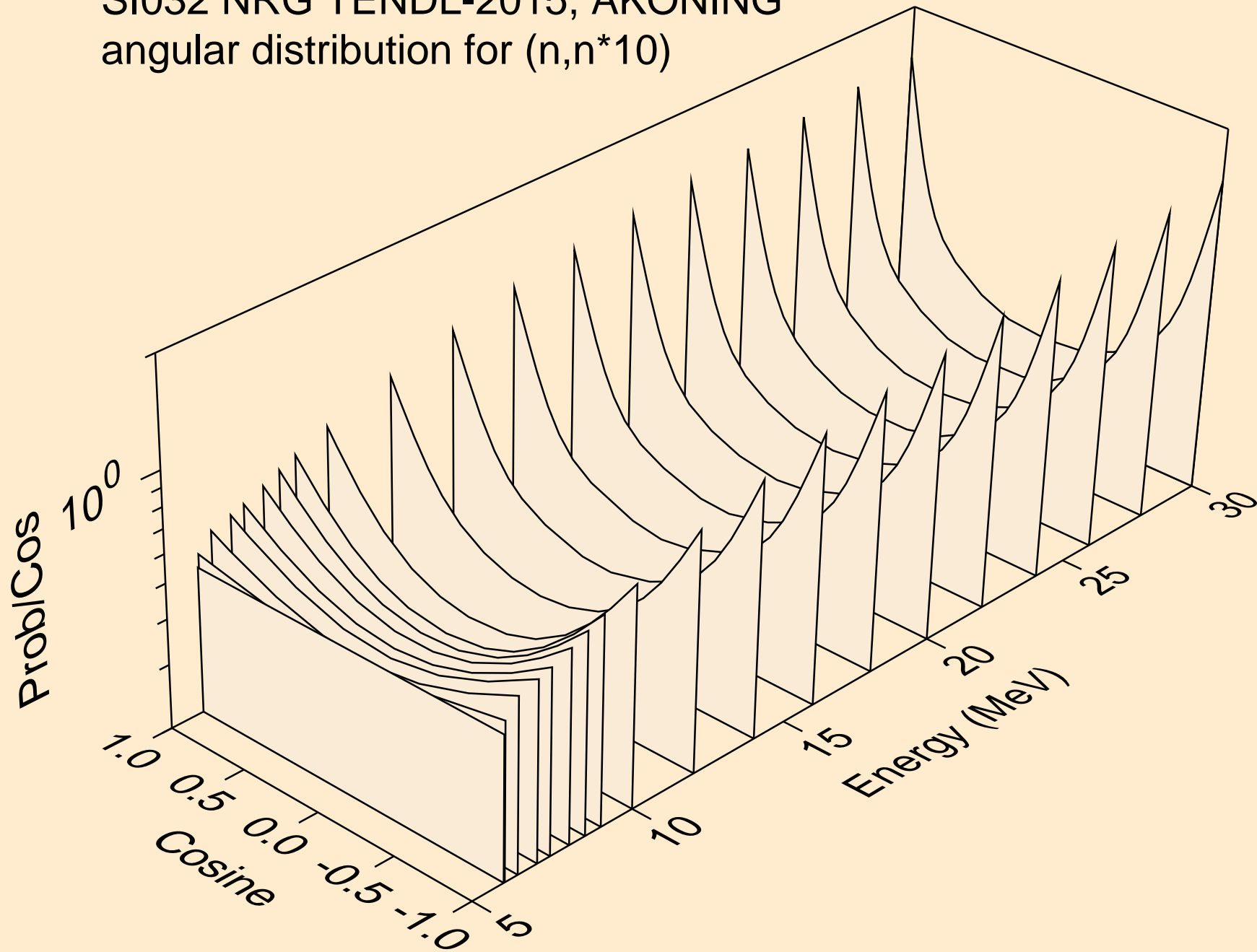
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



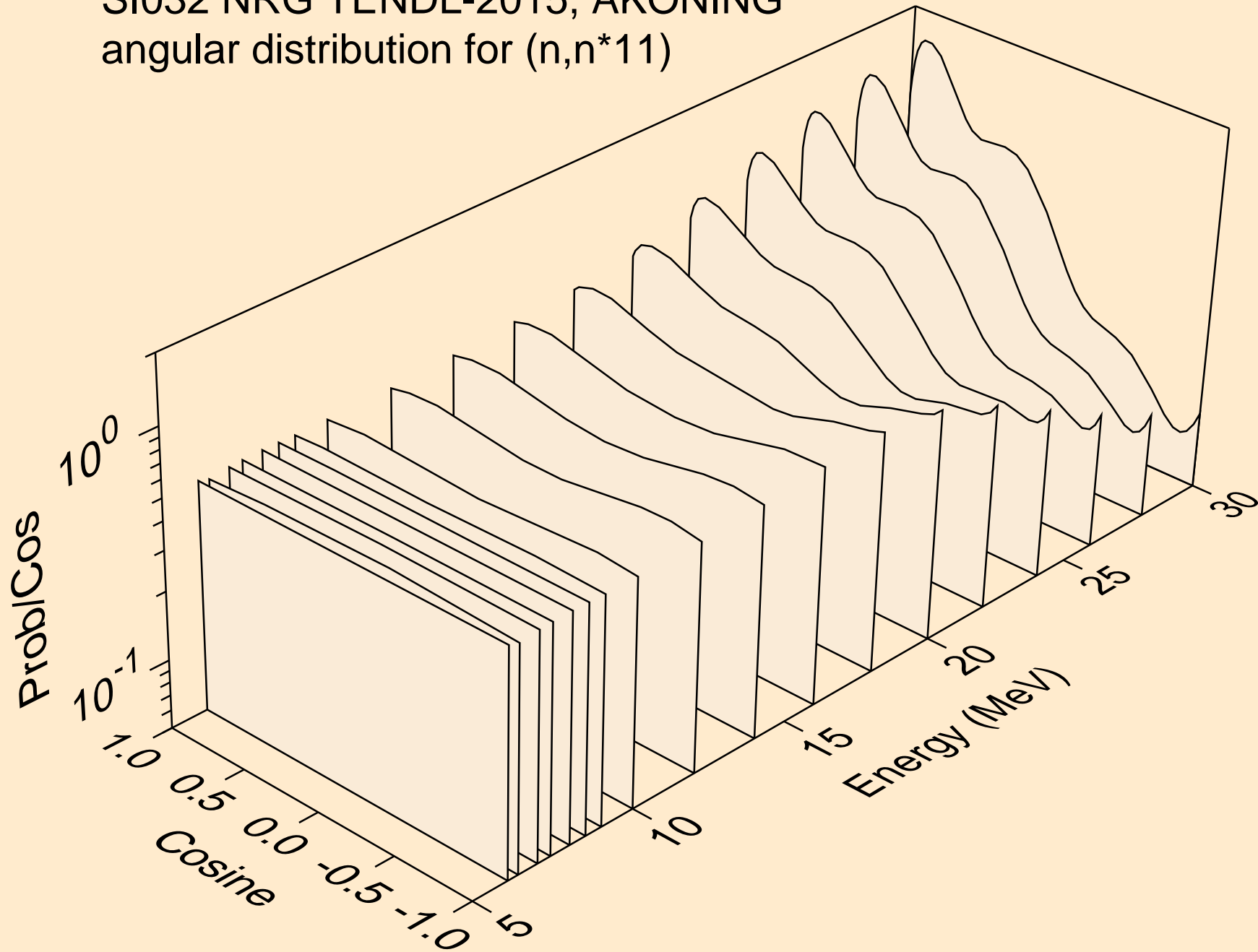
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



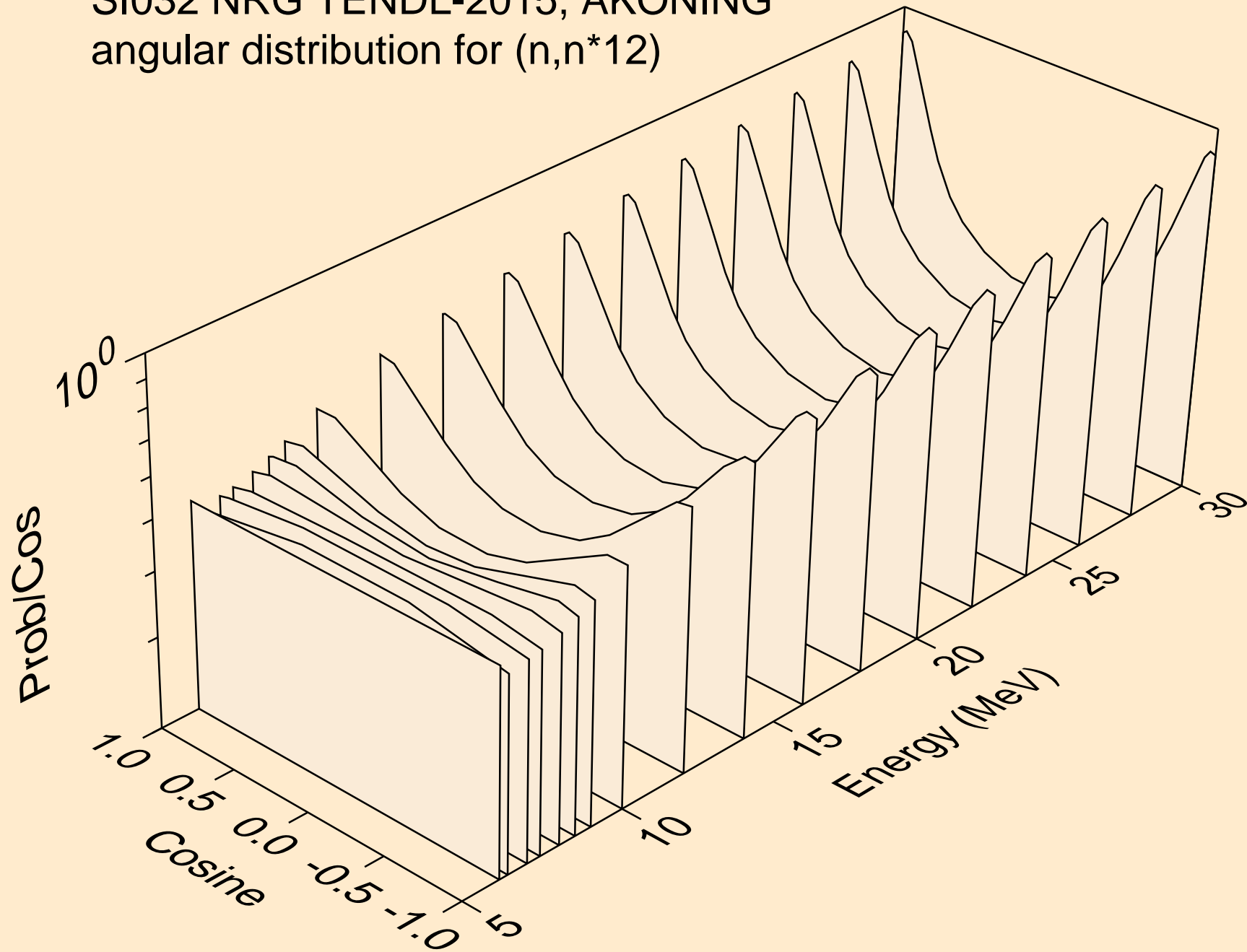
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



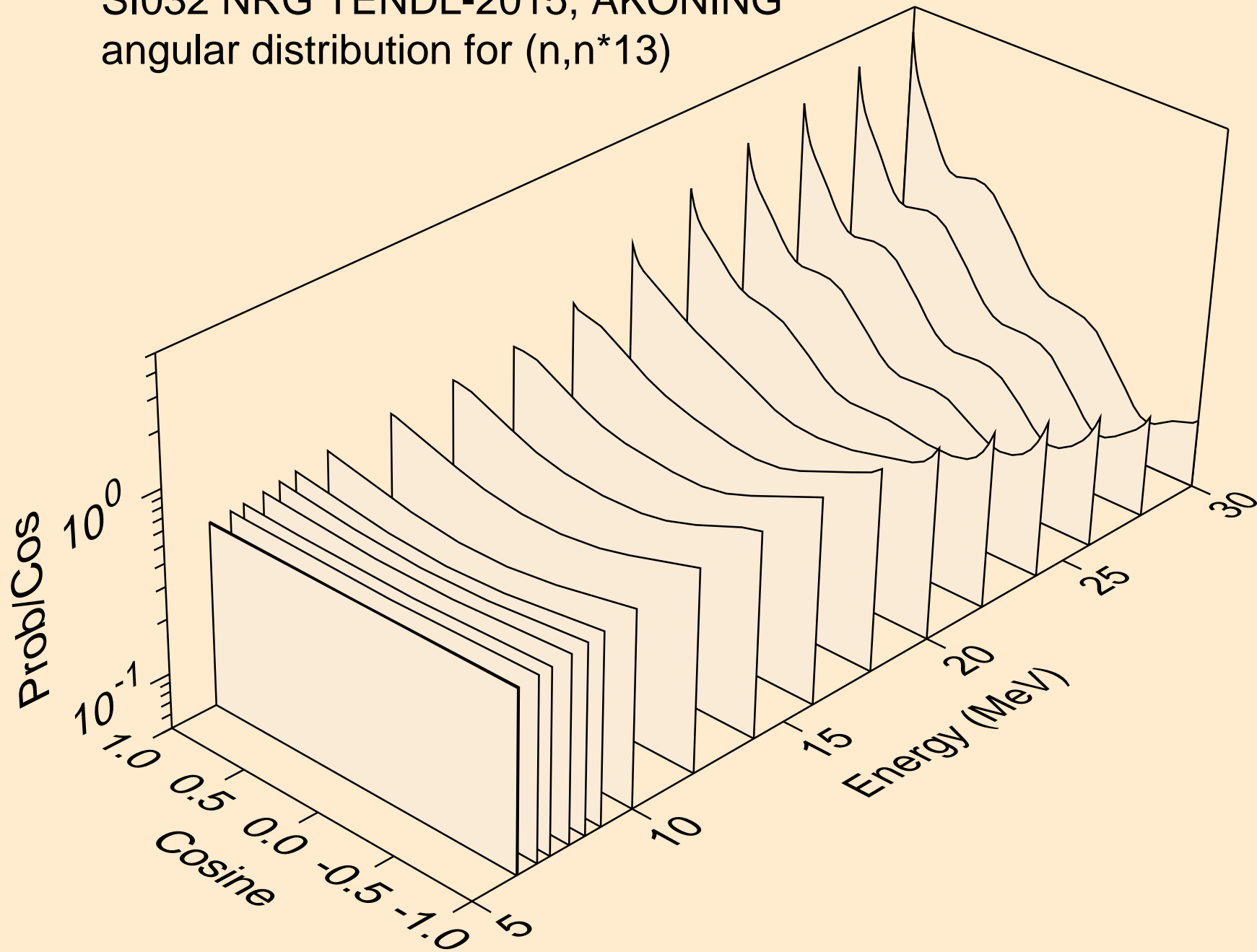
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



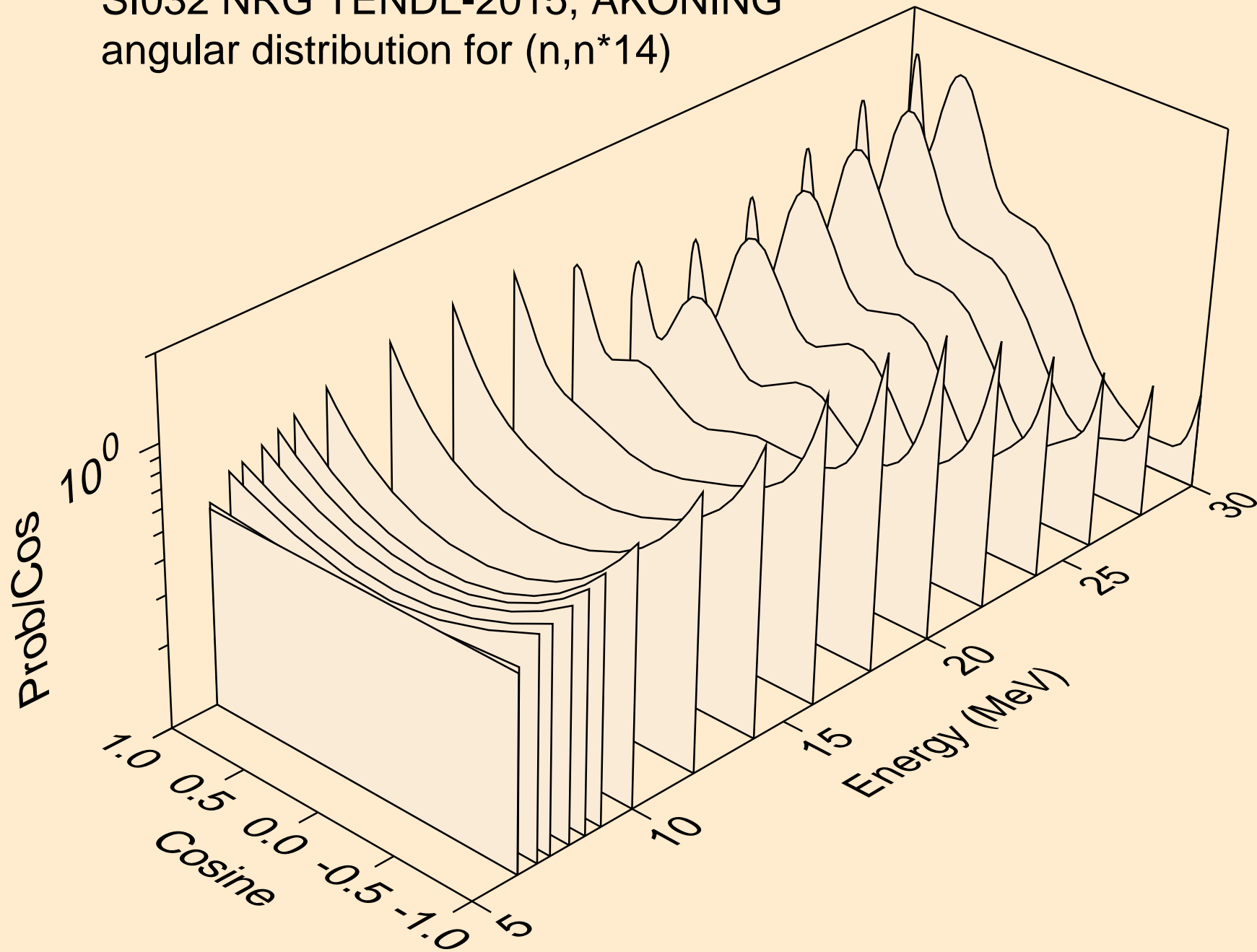
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



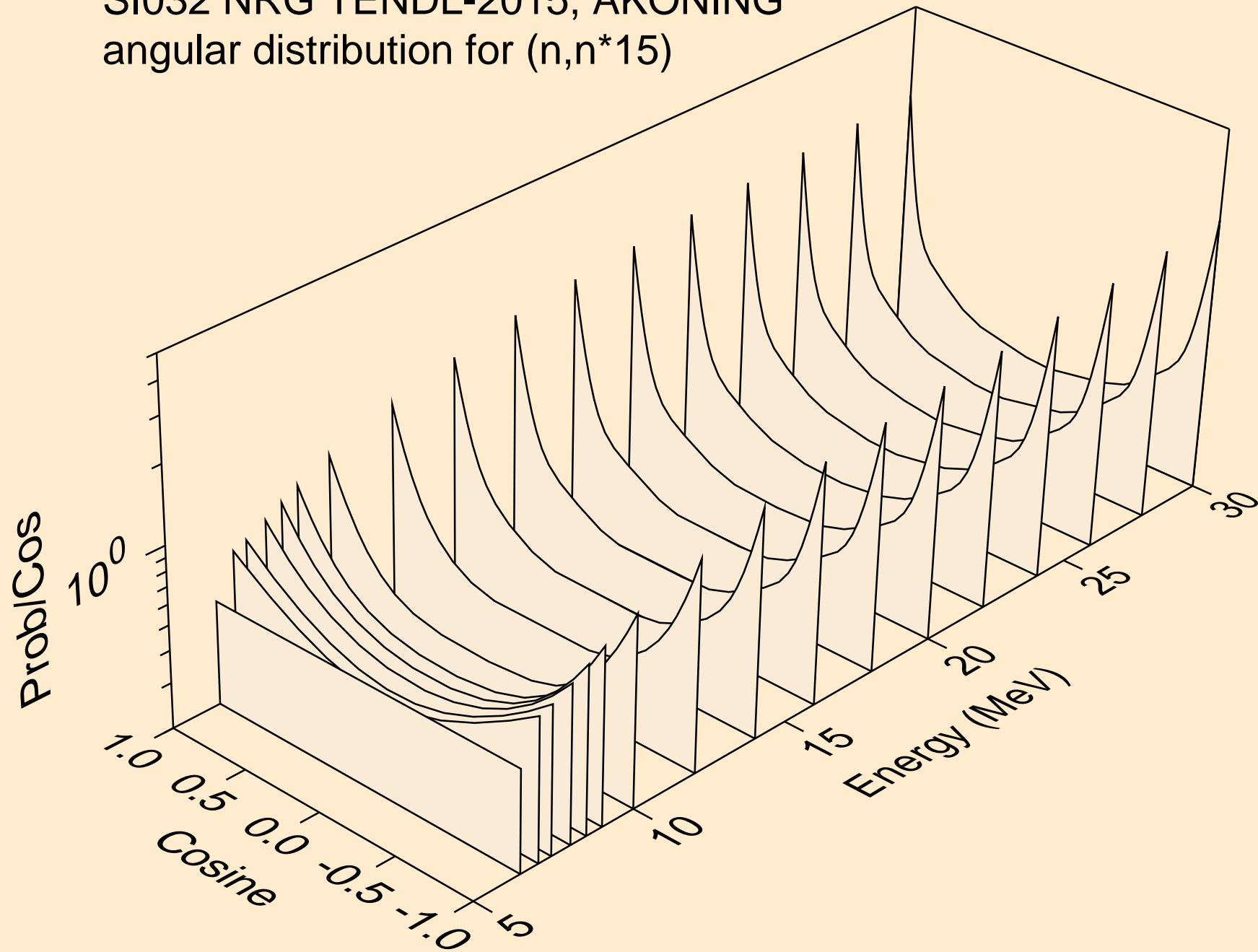
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

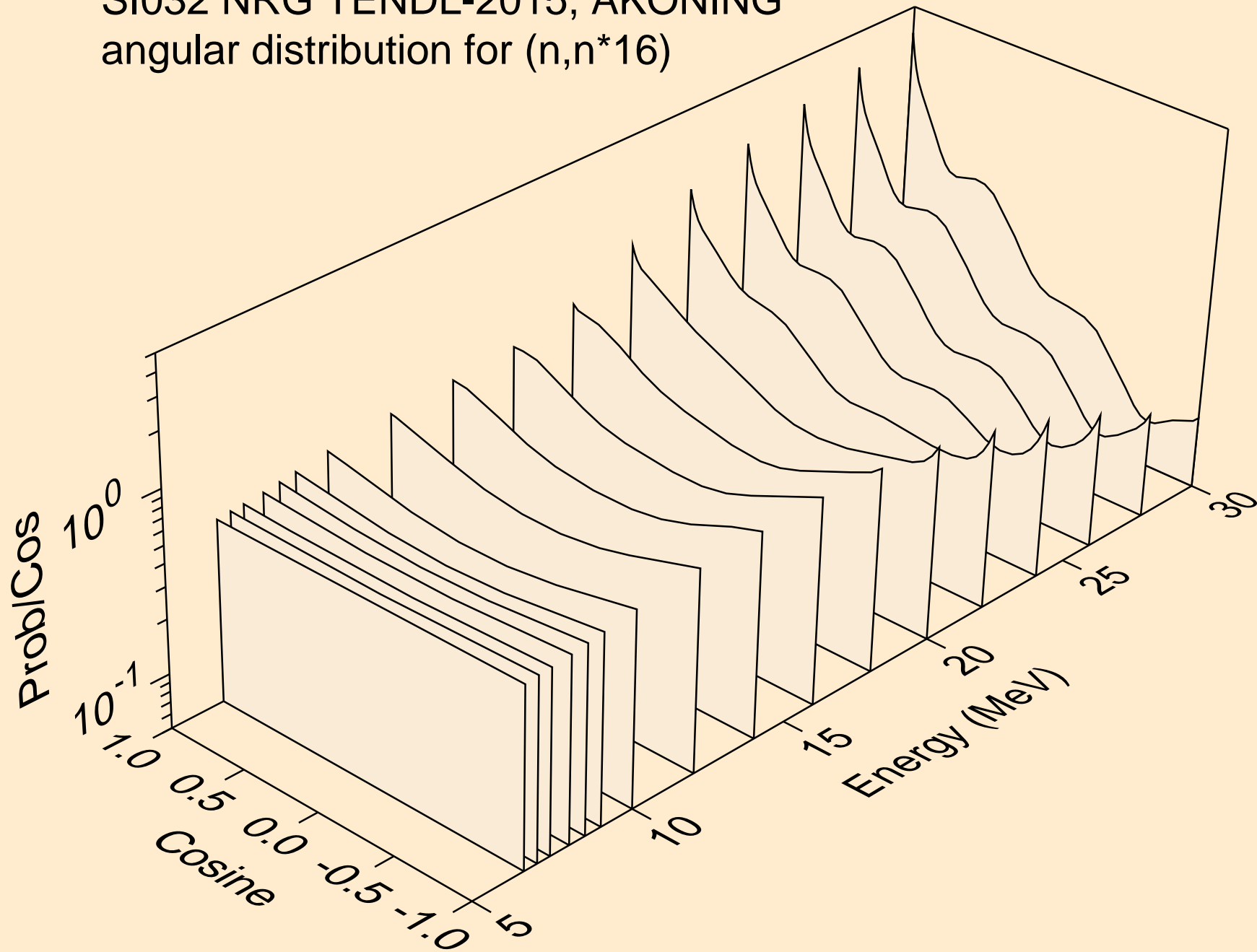


SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

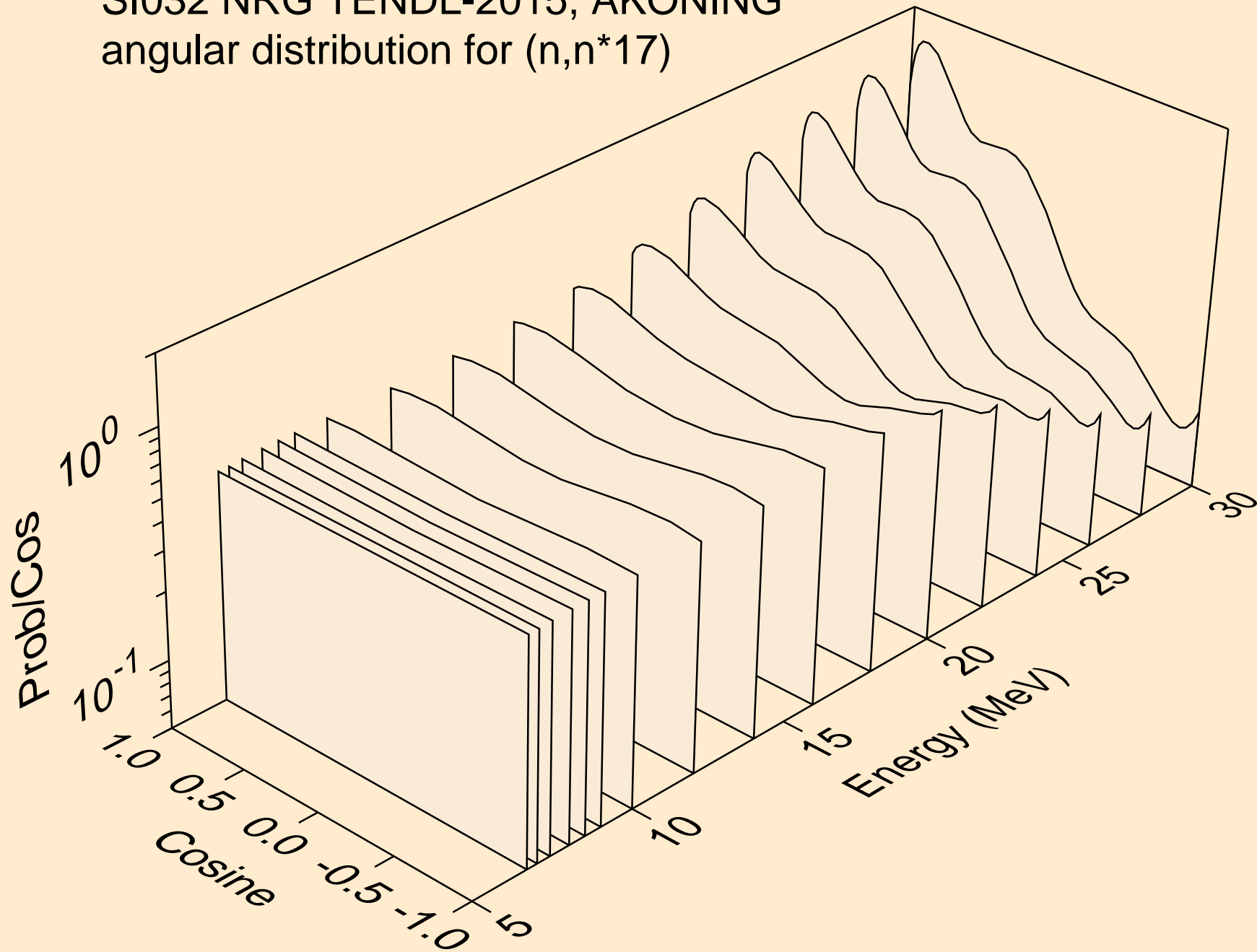




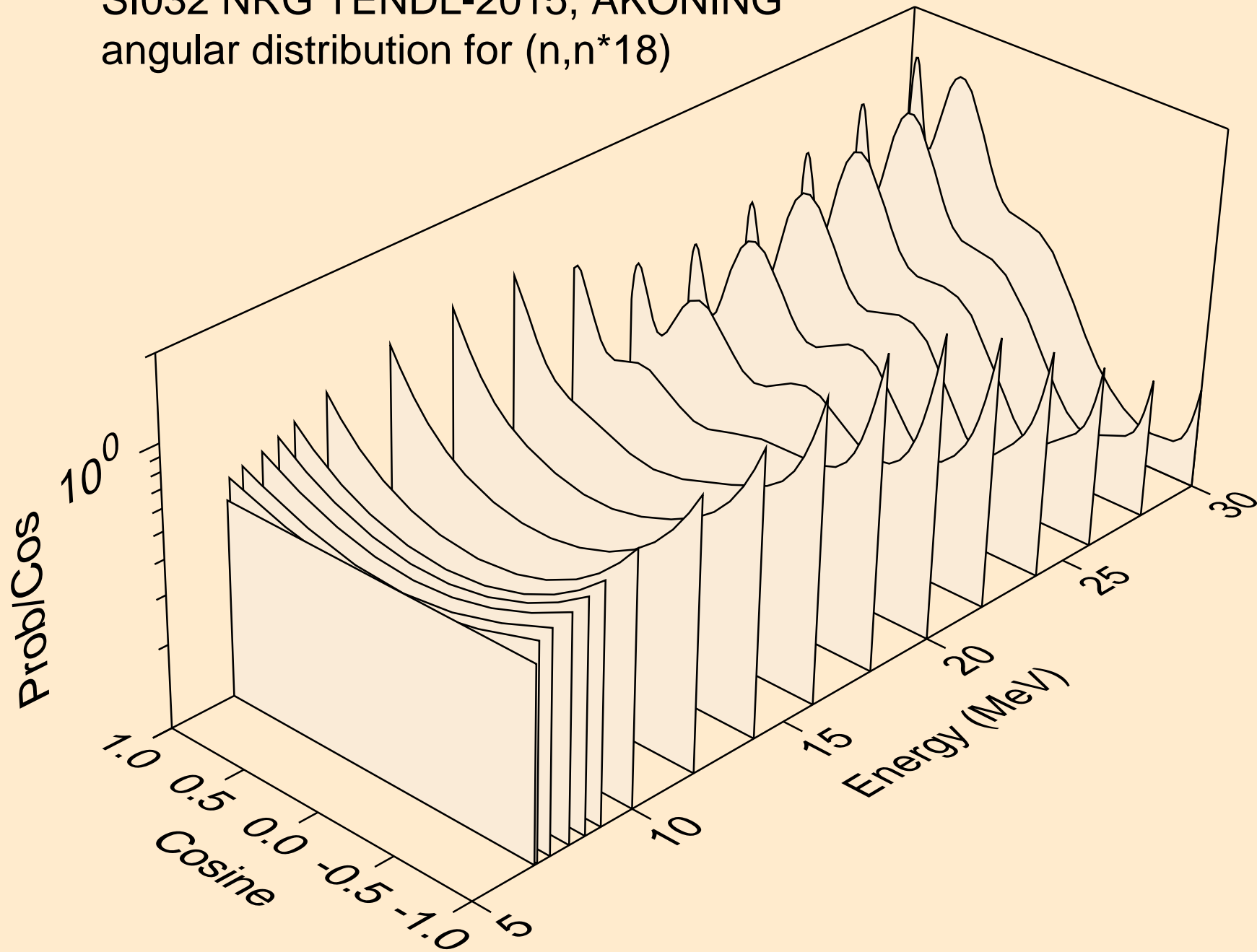
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



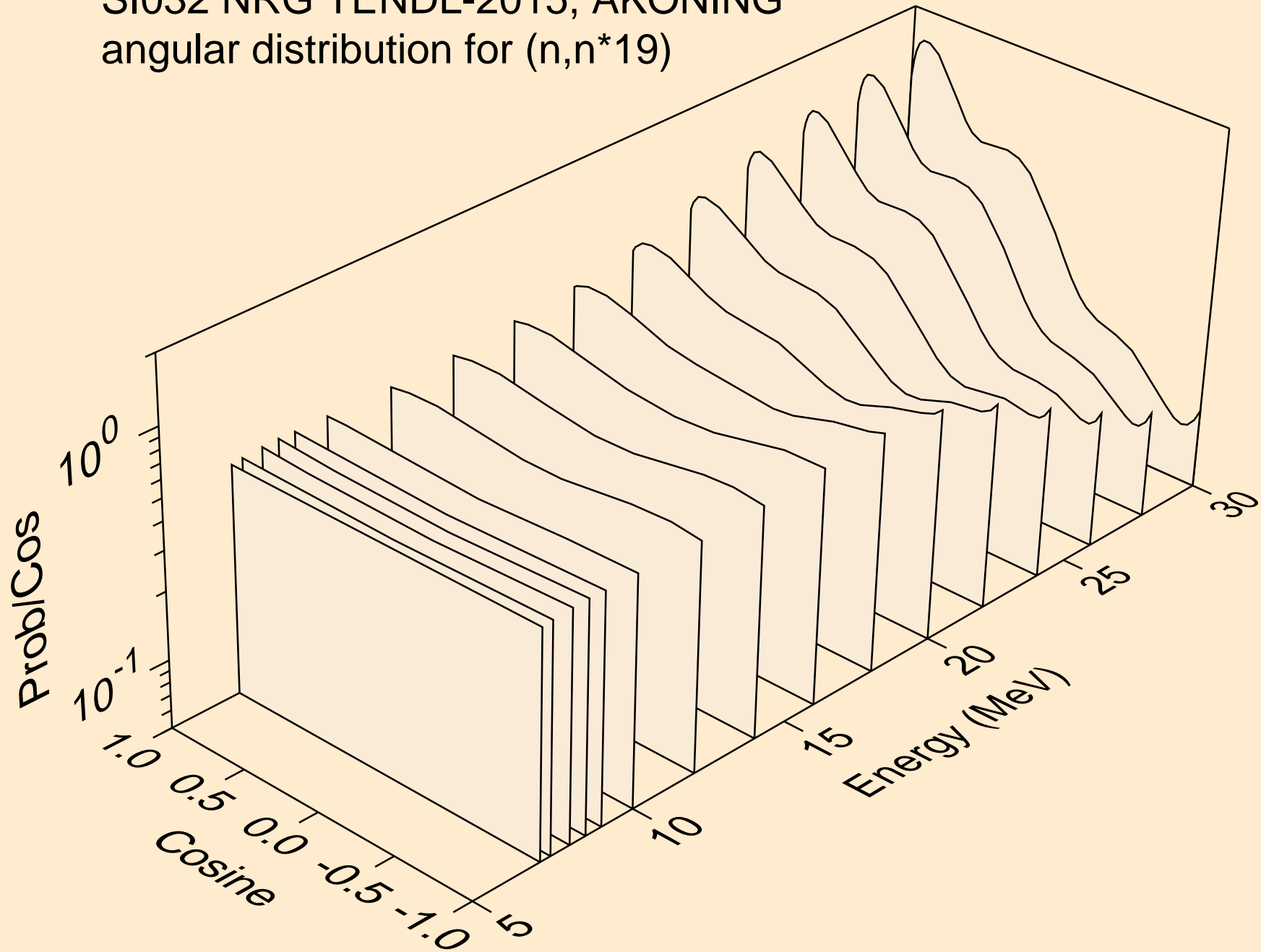
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



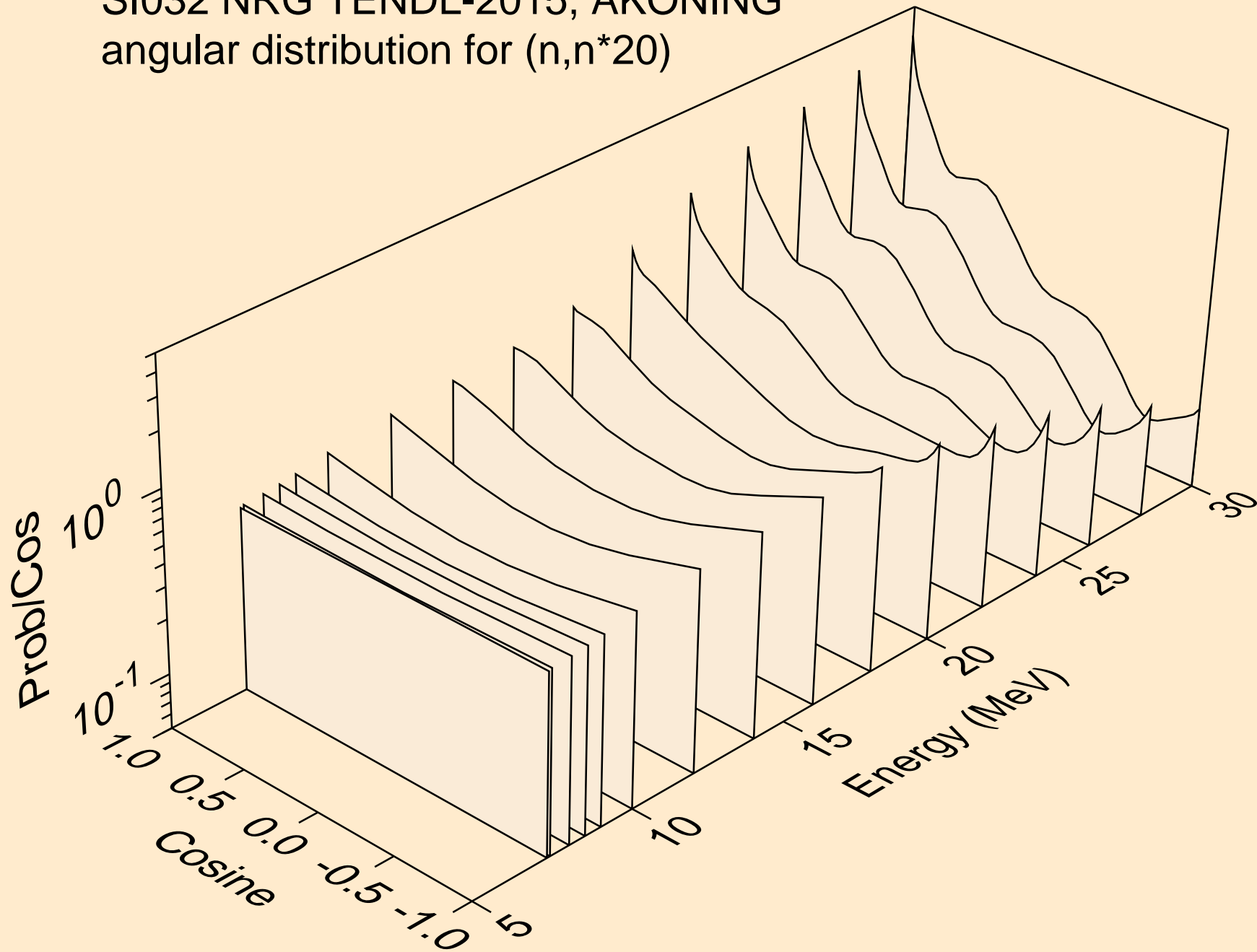
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



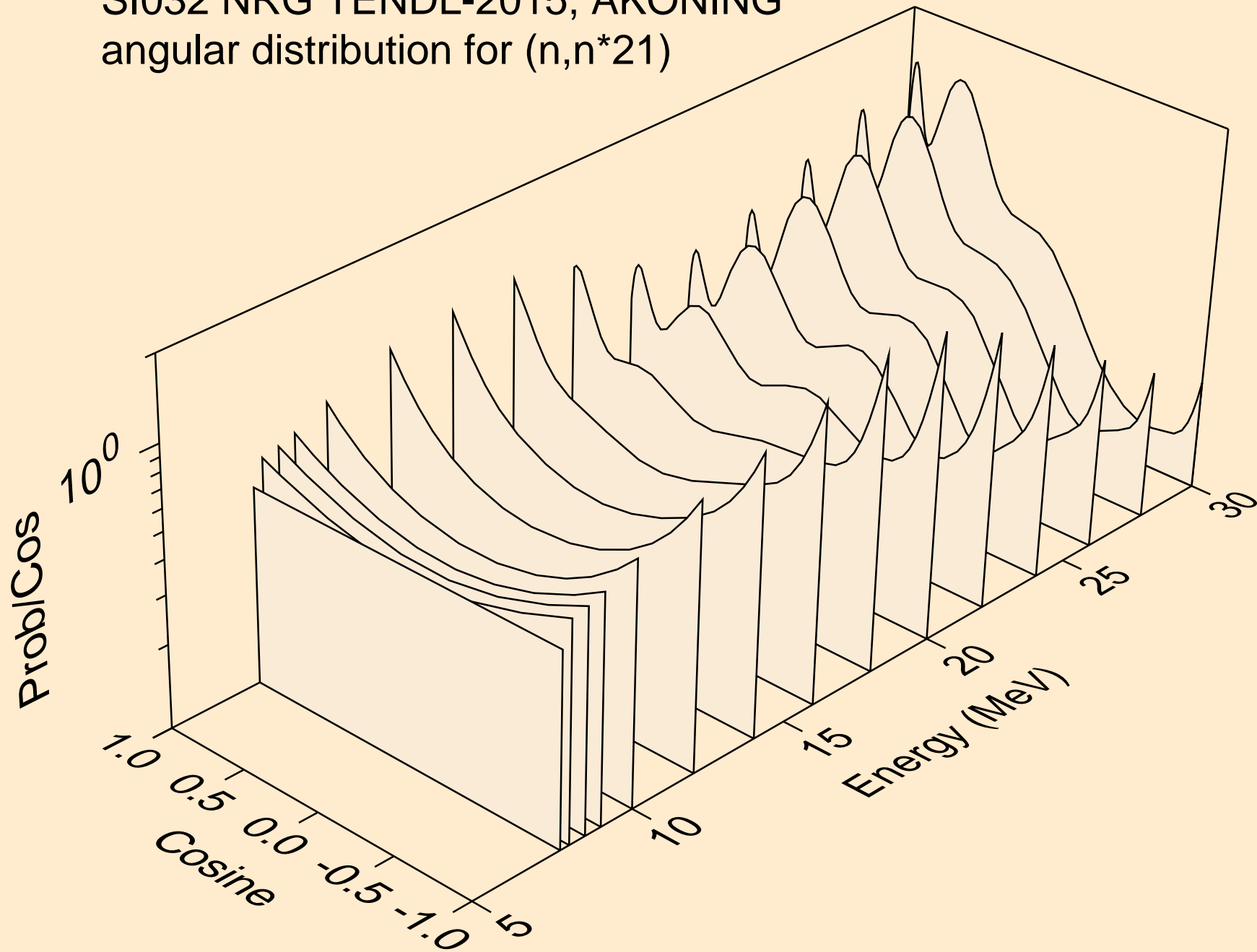
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



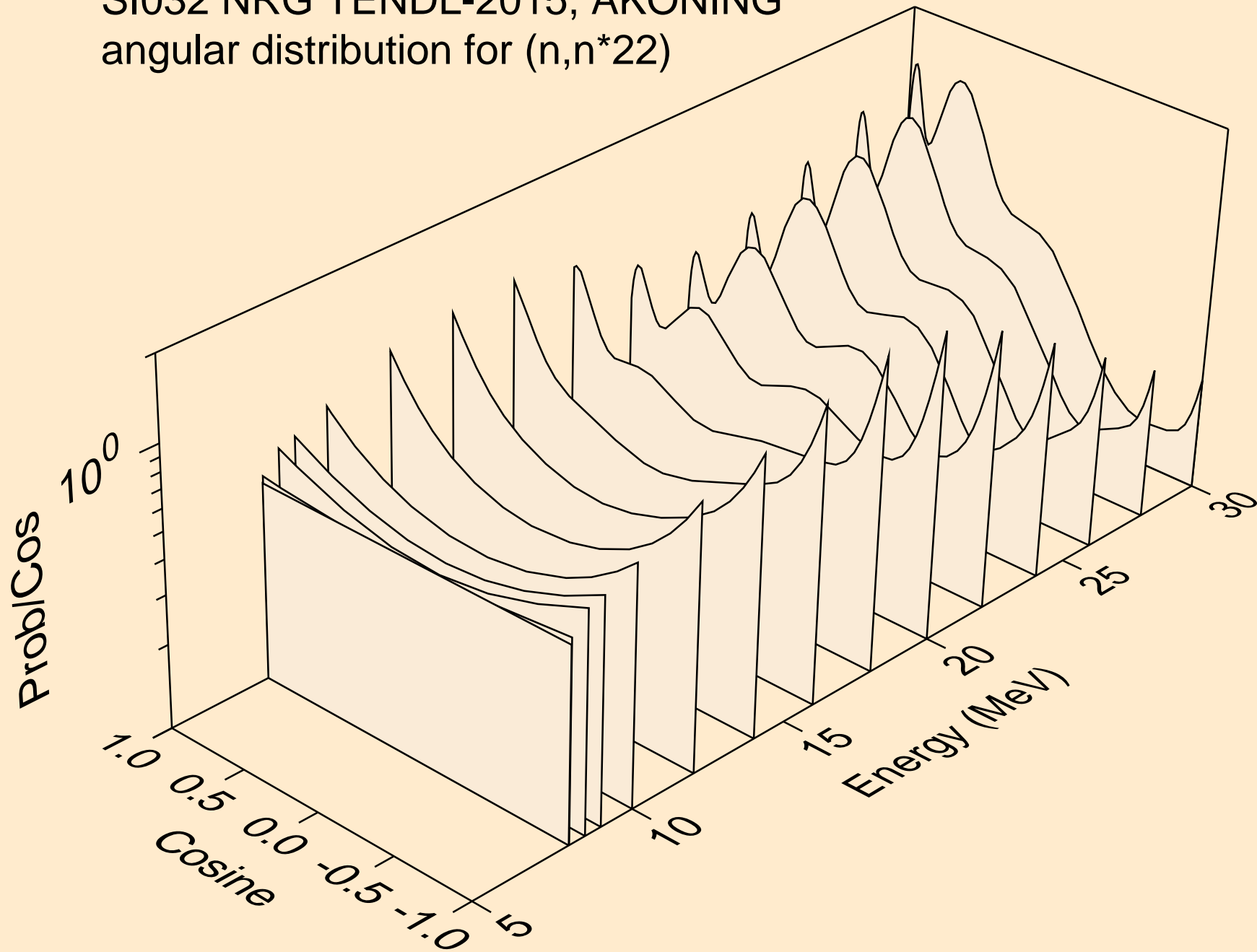
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



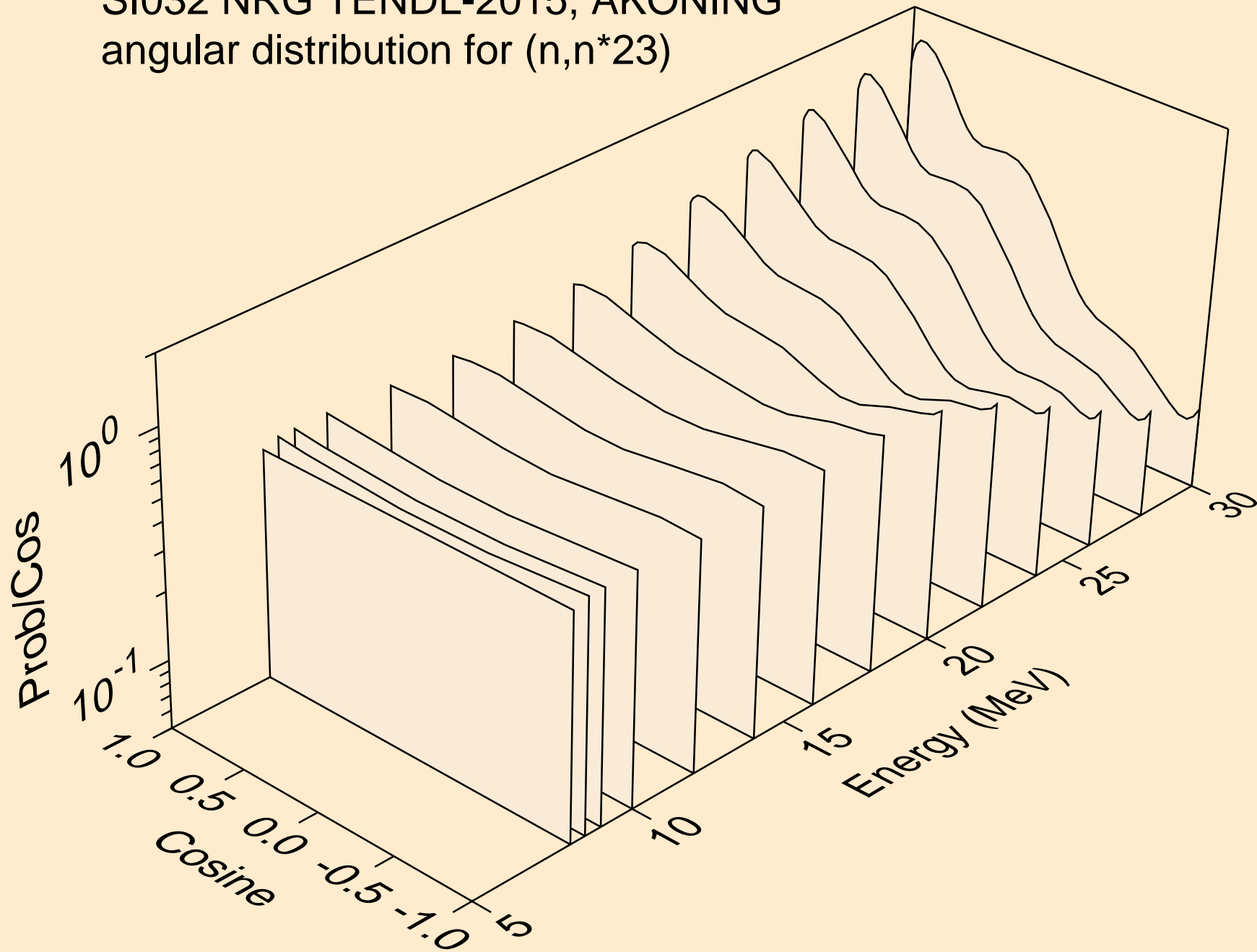
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

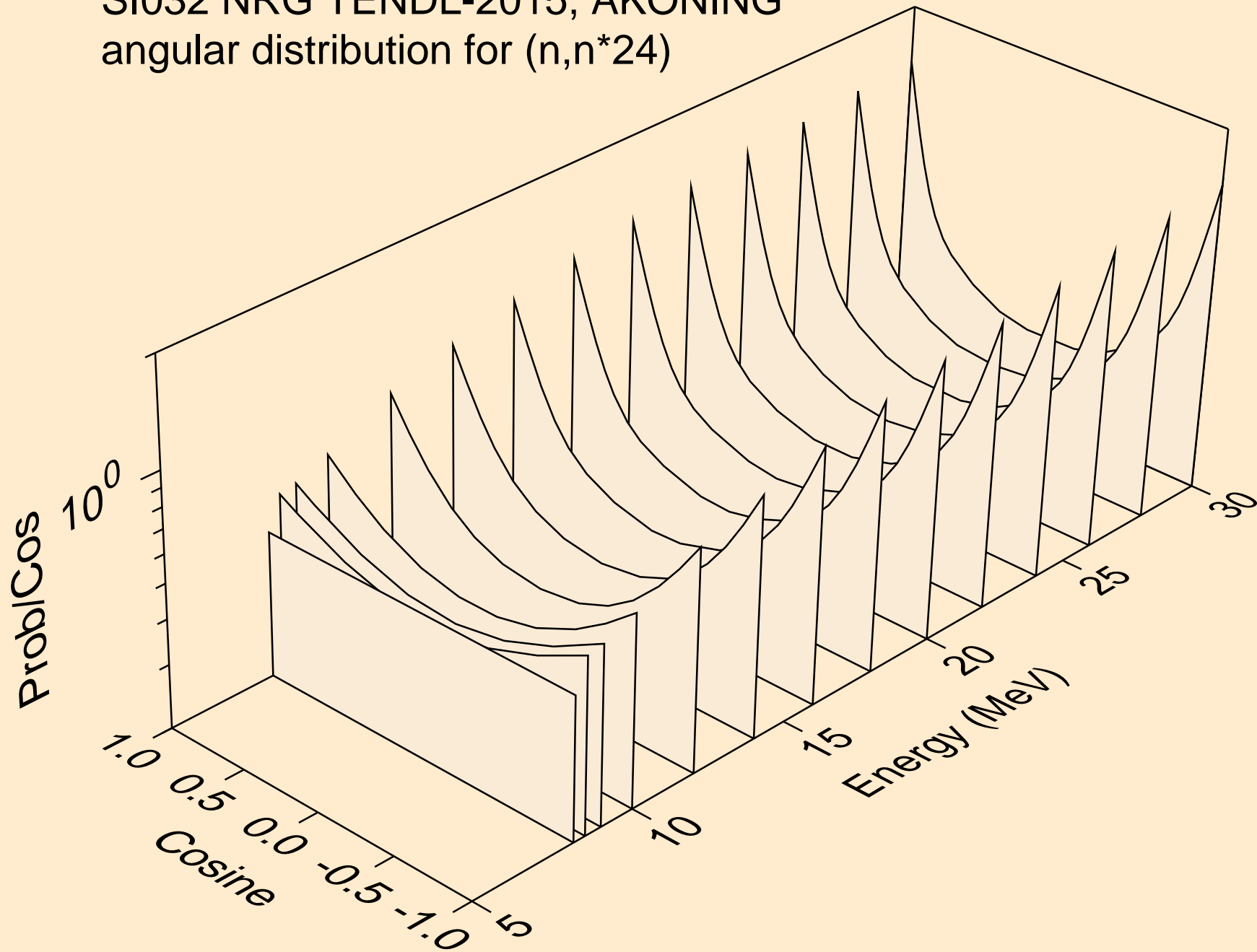


SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

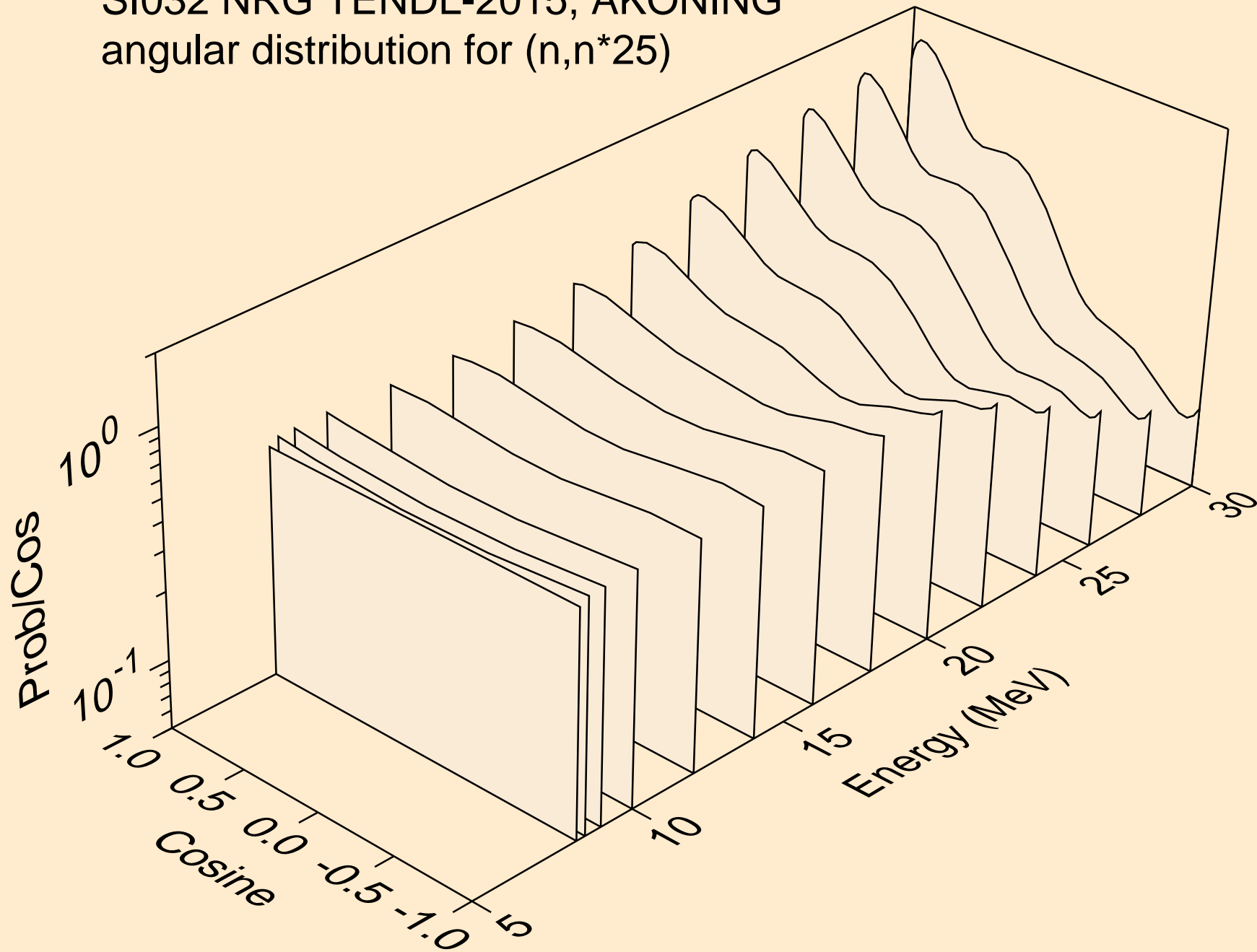




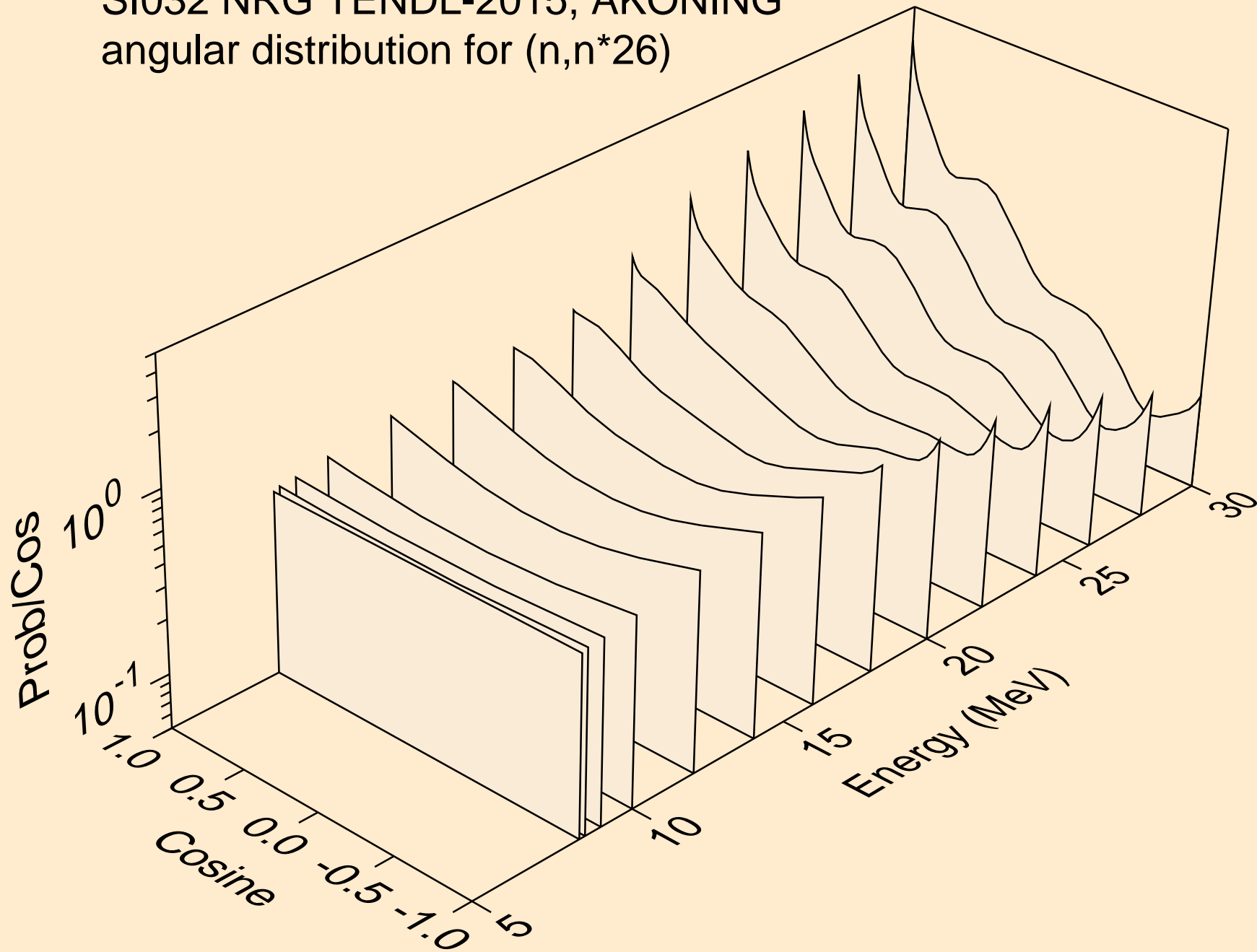
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



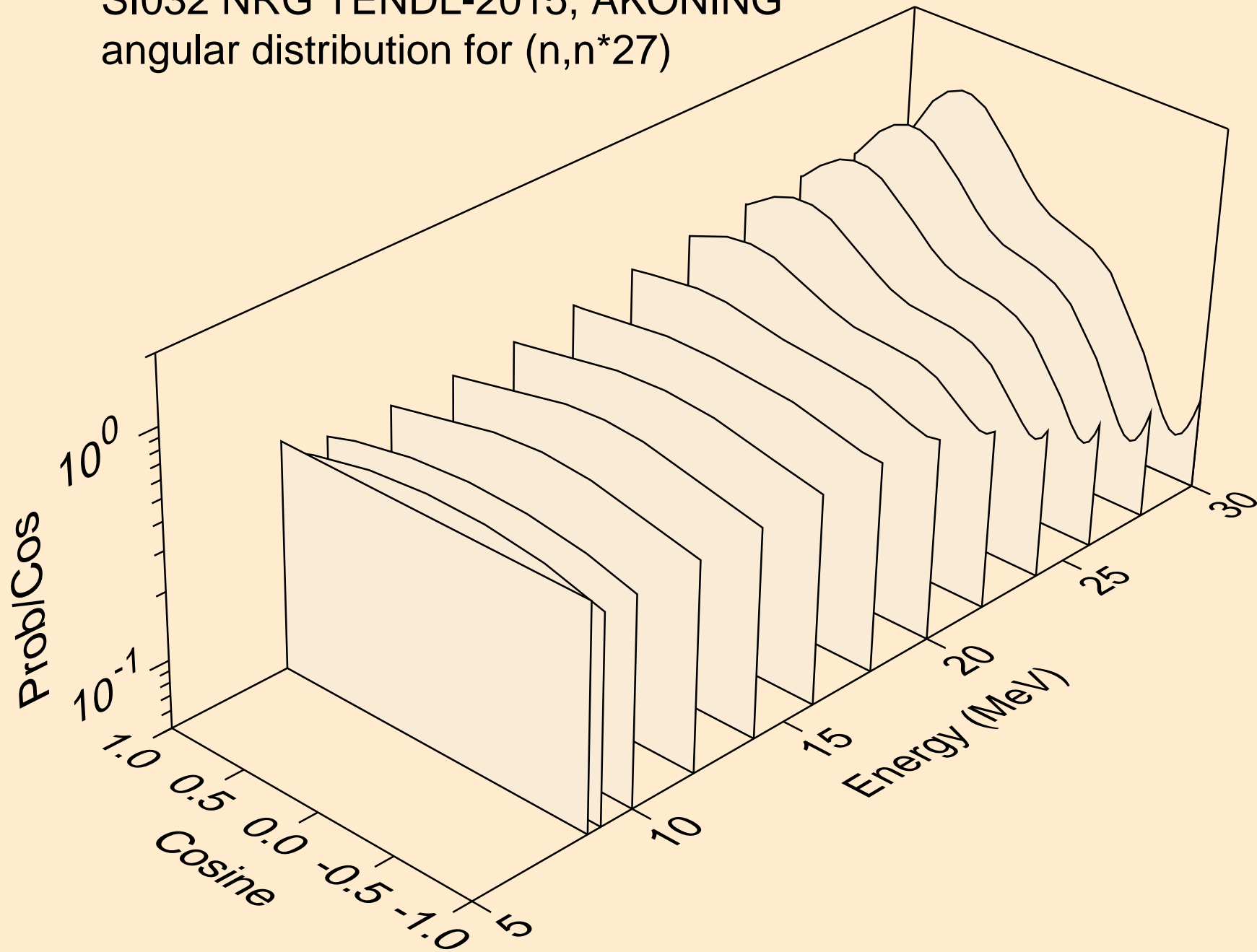
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



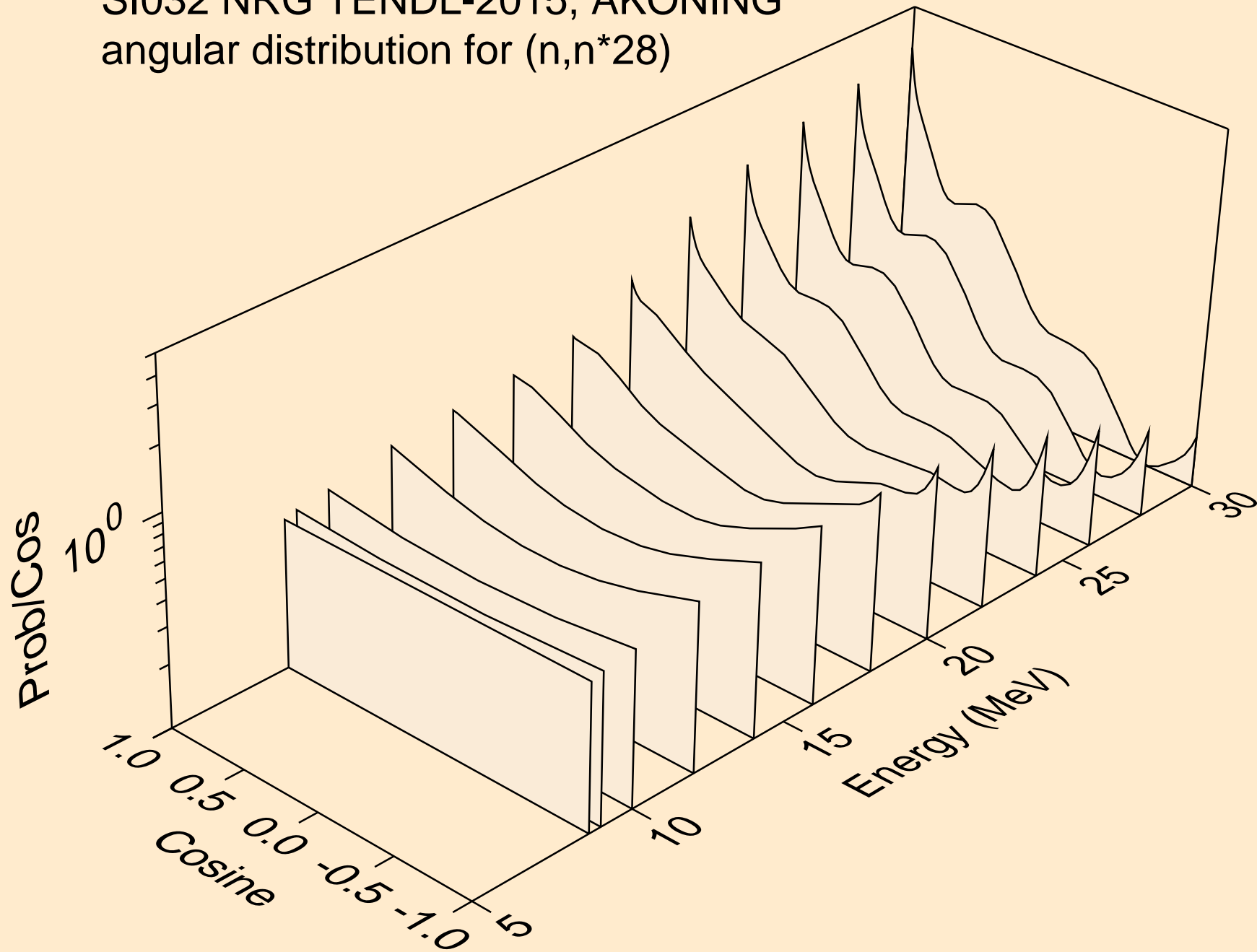
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



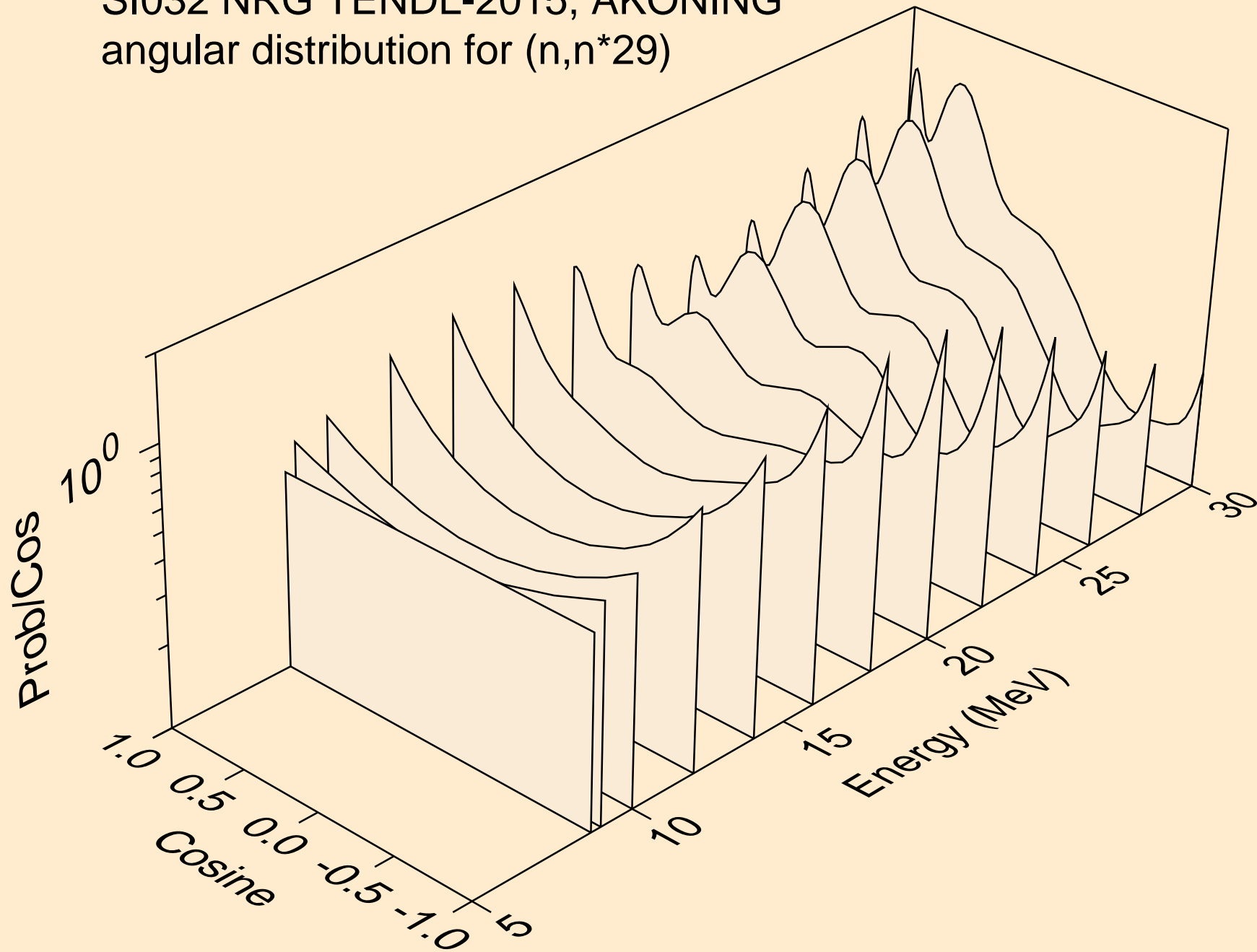
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



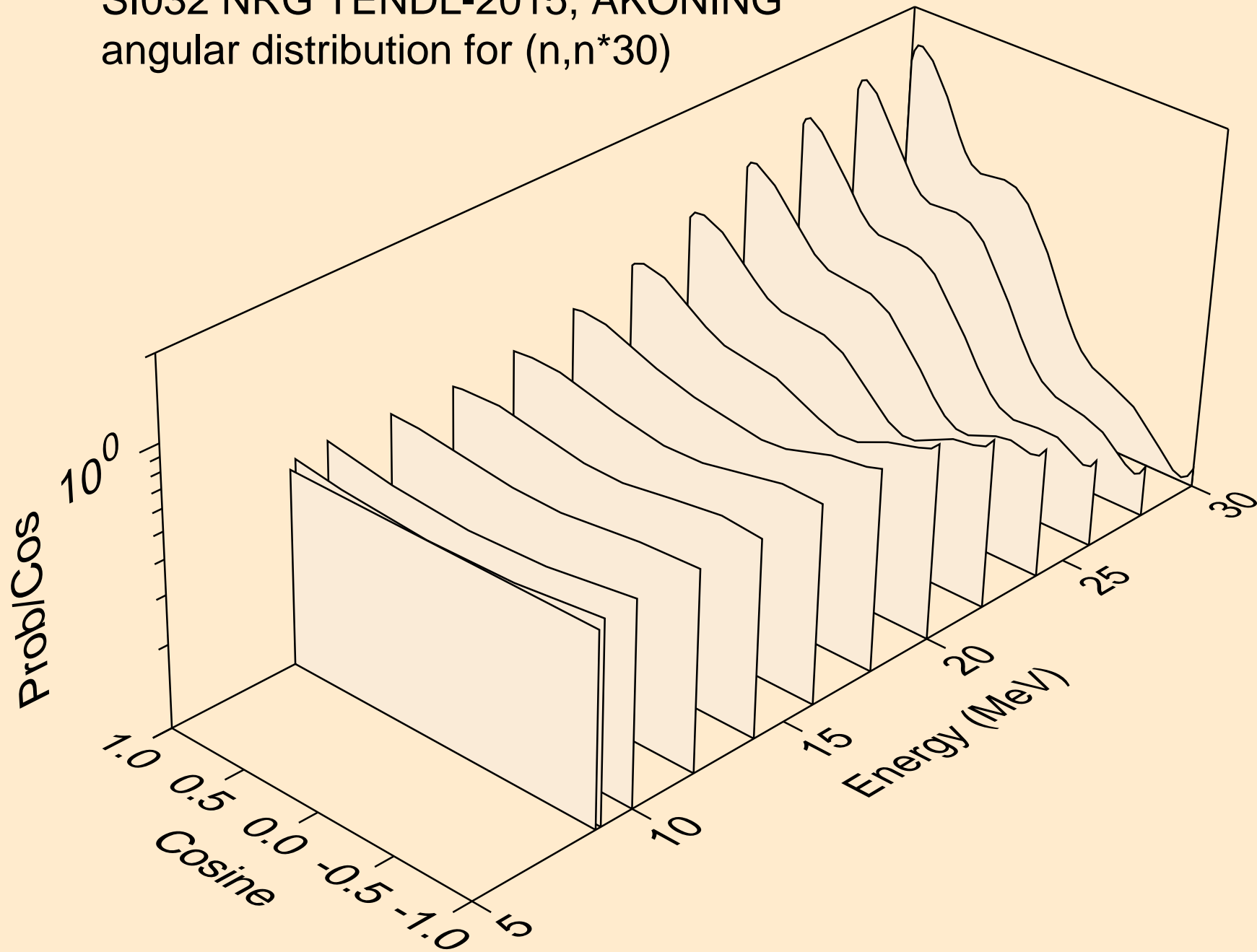
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



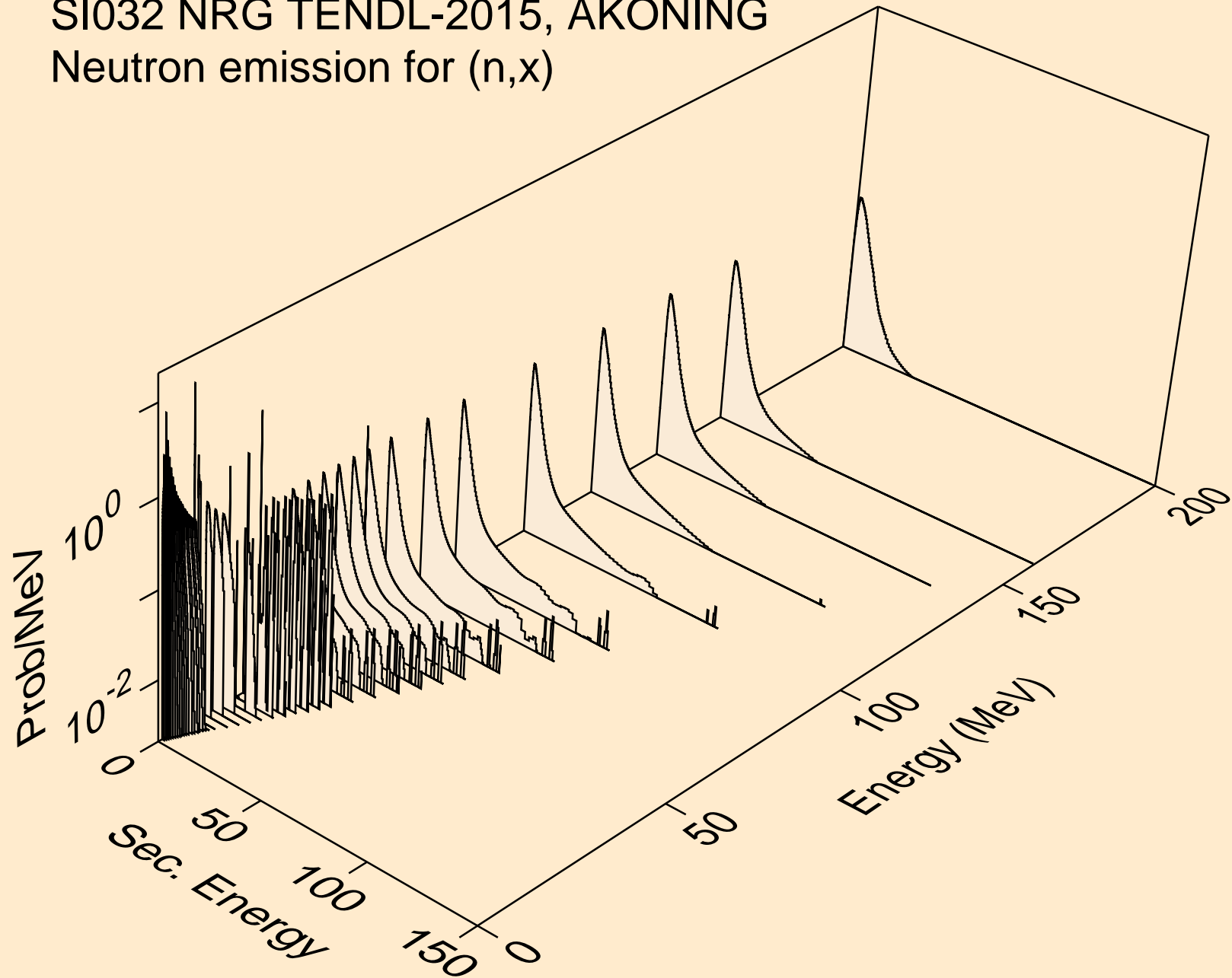
SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



SI032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

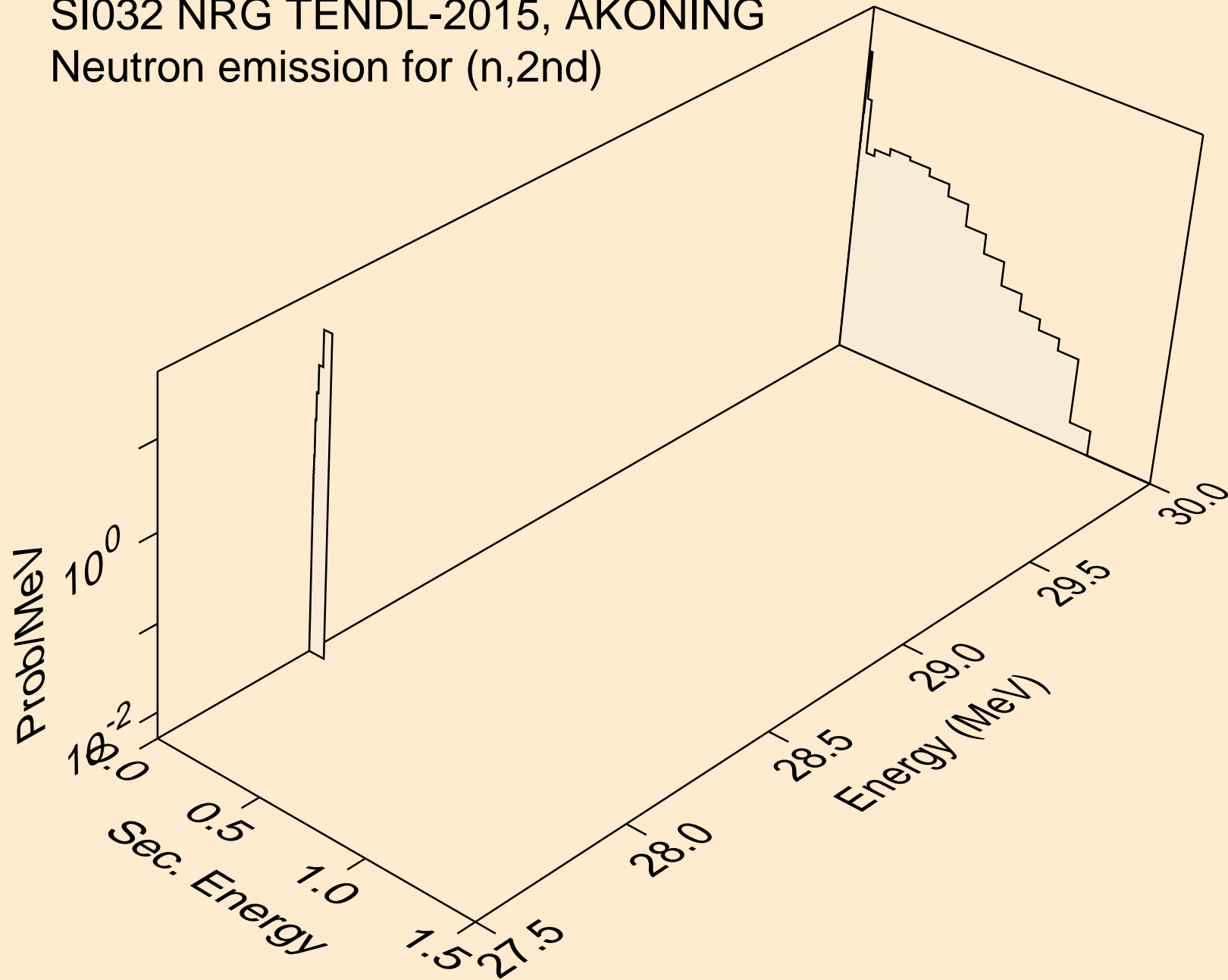


SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

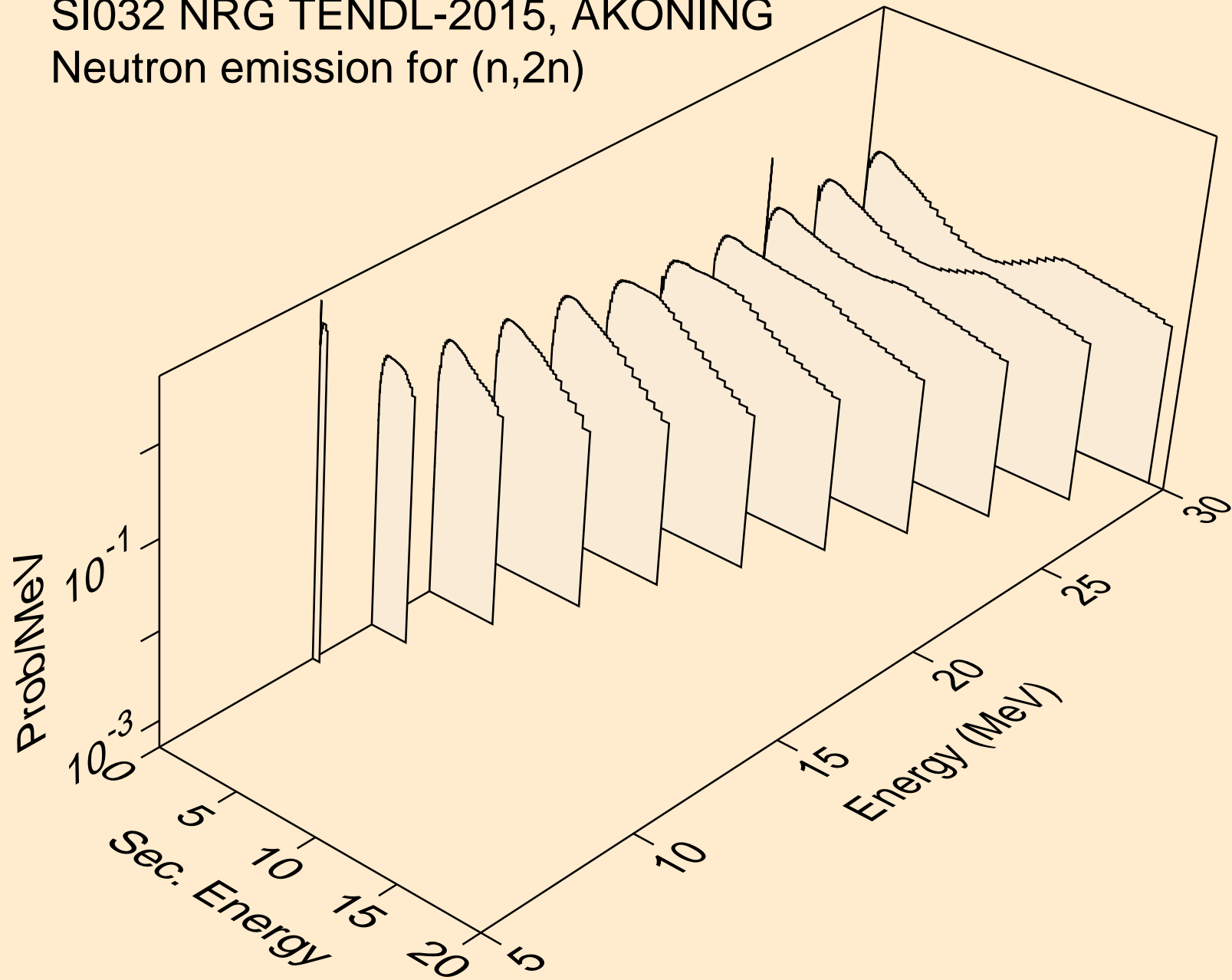




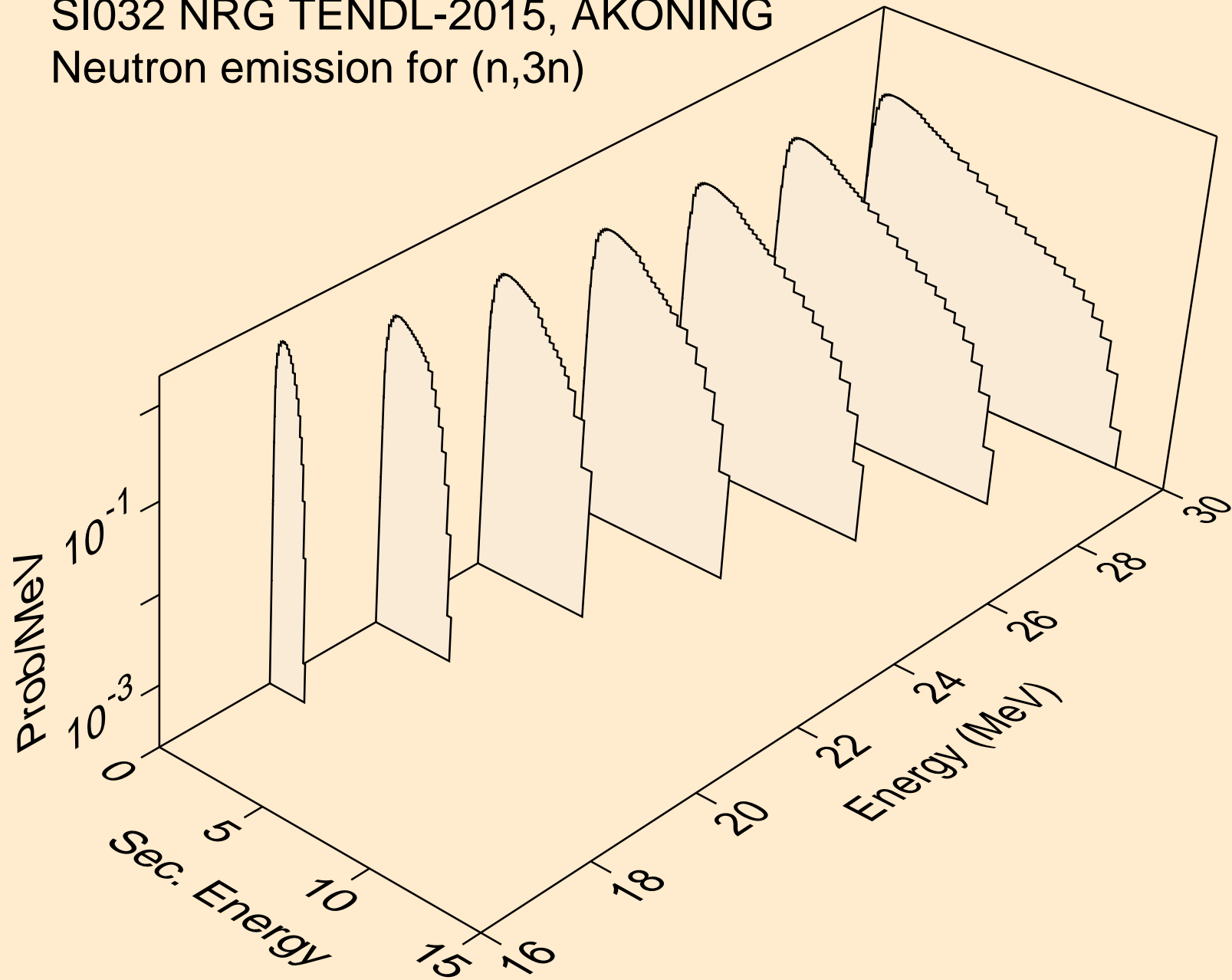
SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



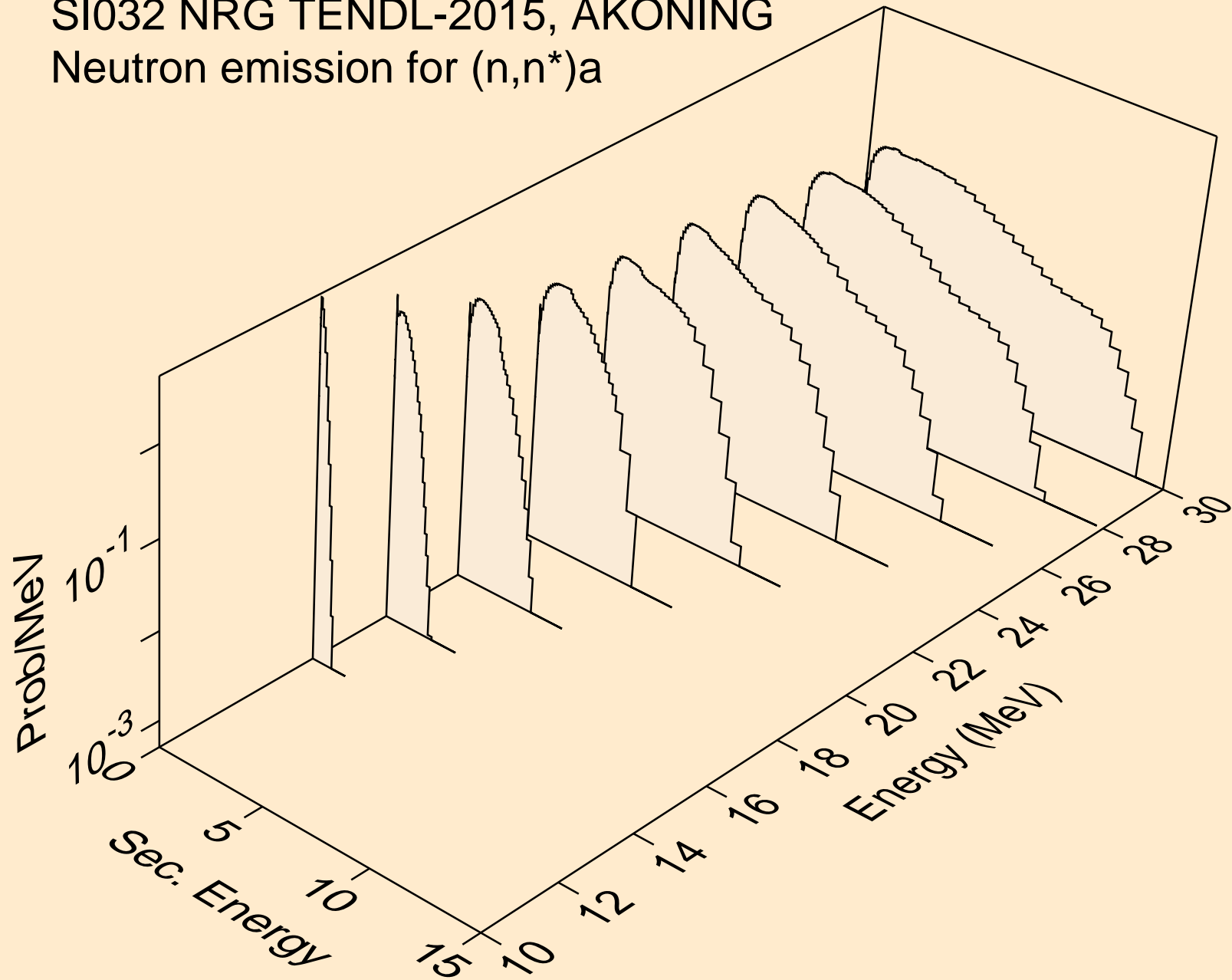
SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



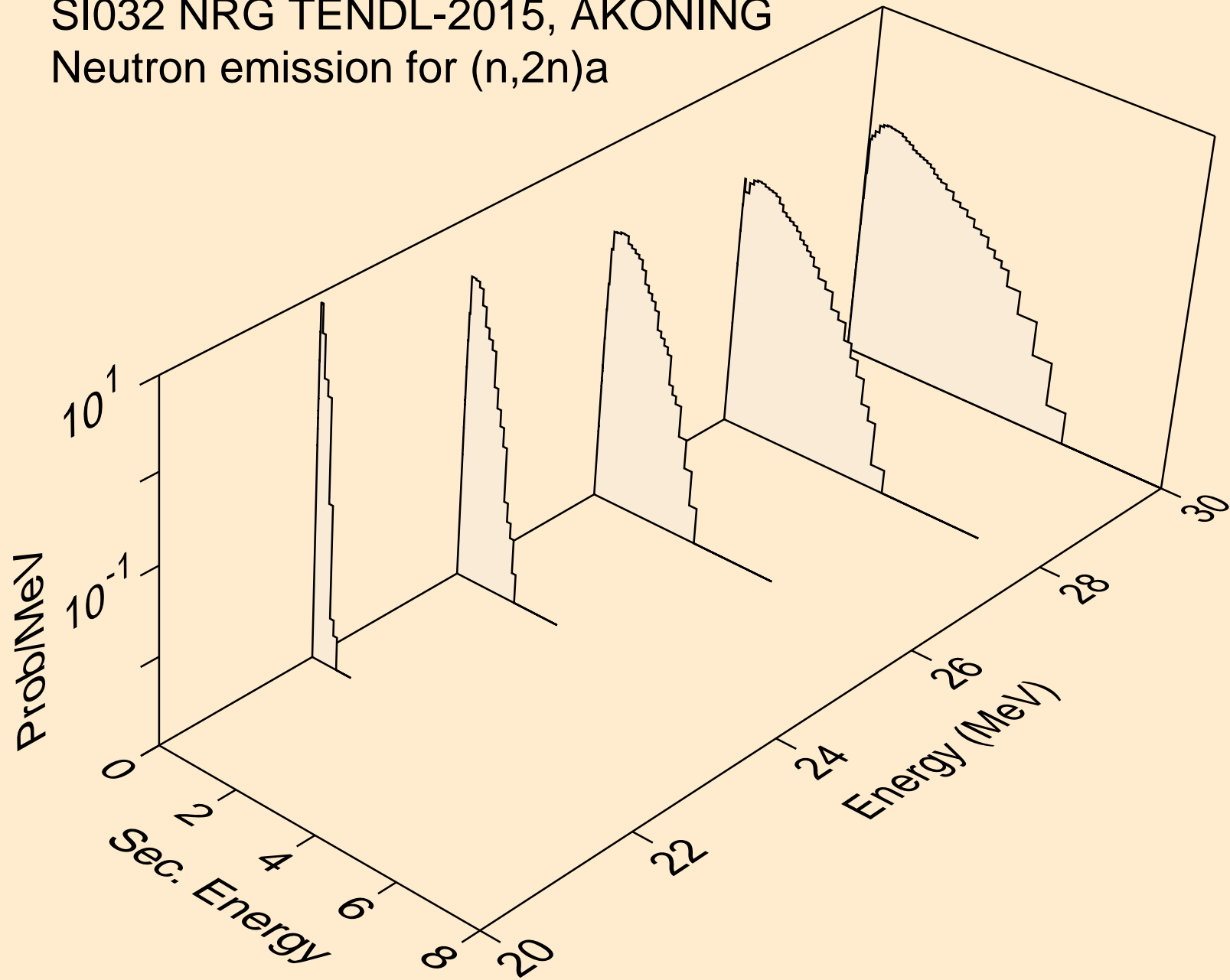
SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



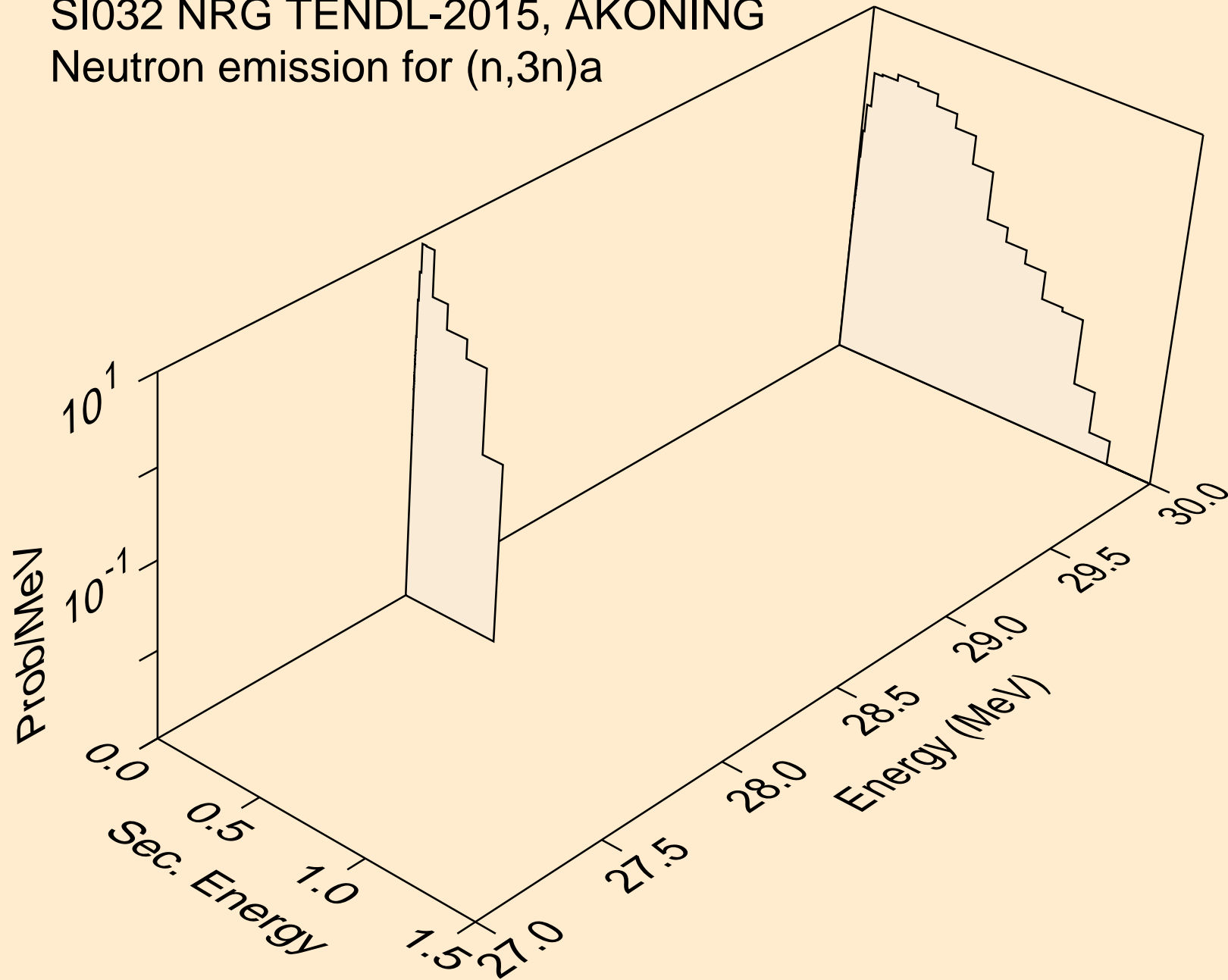
SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



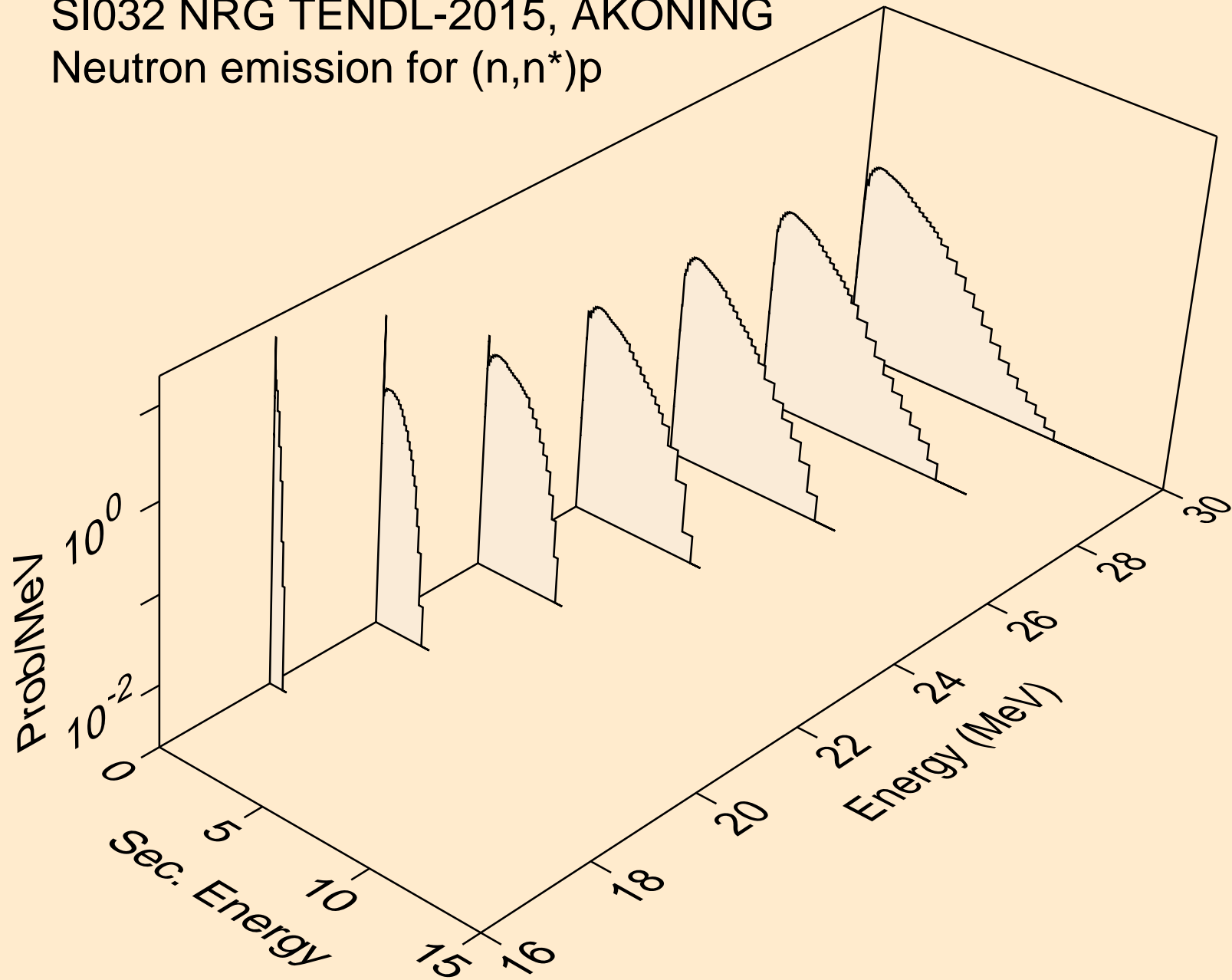
SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



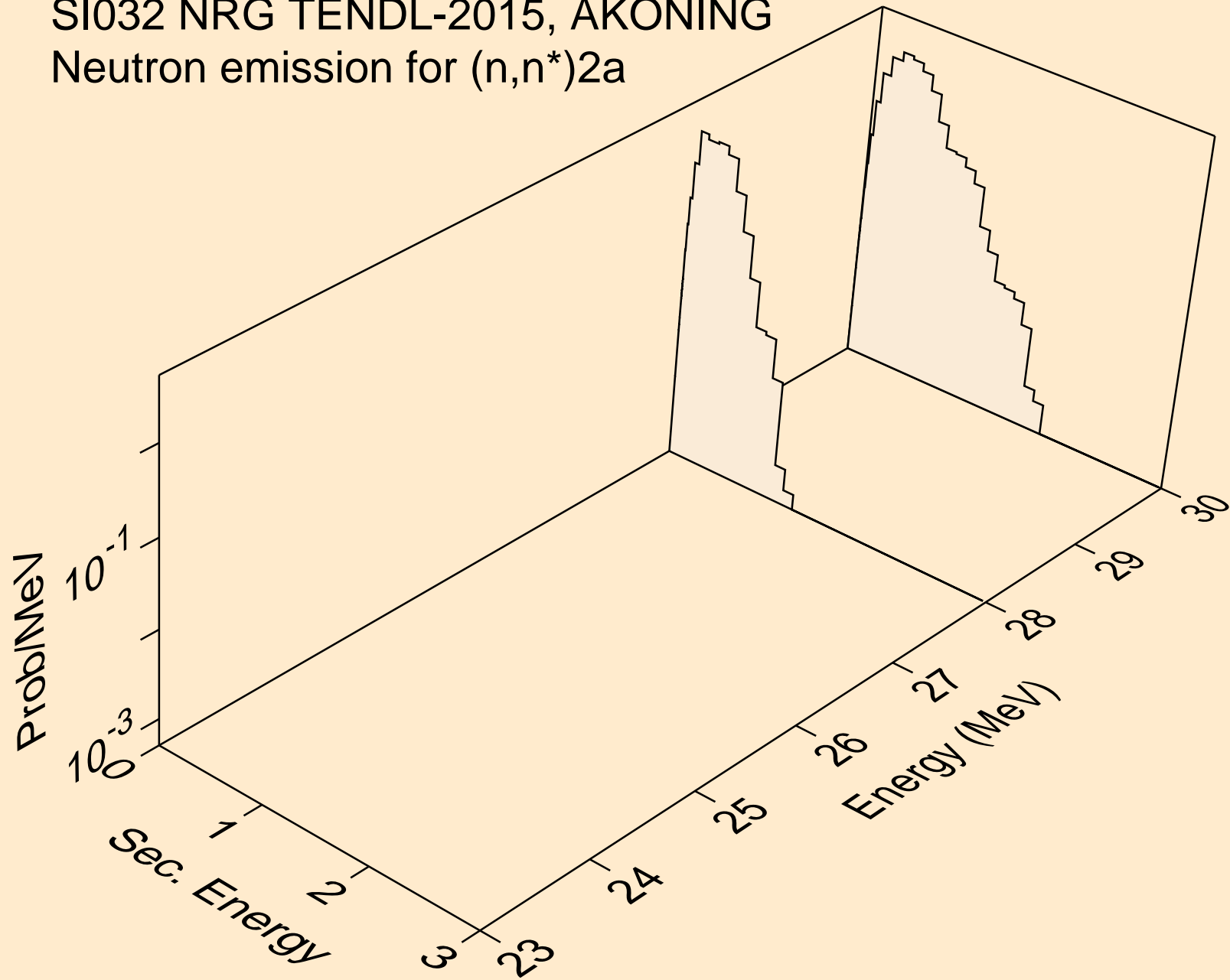
SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

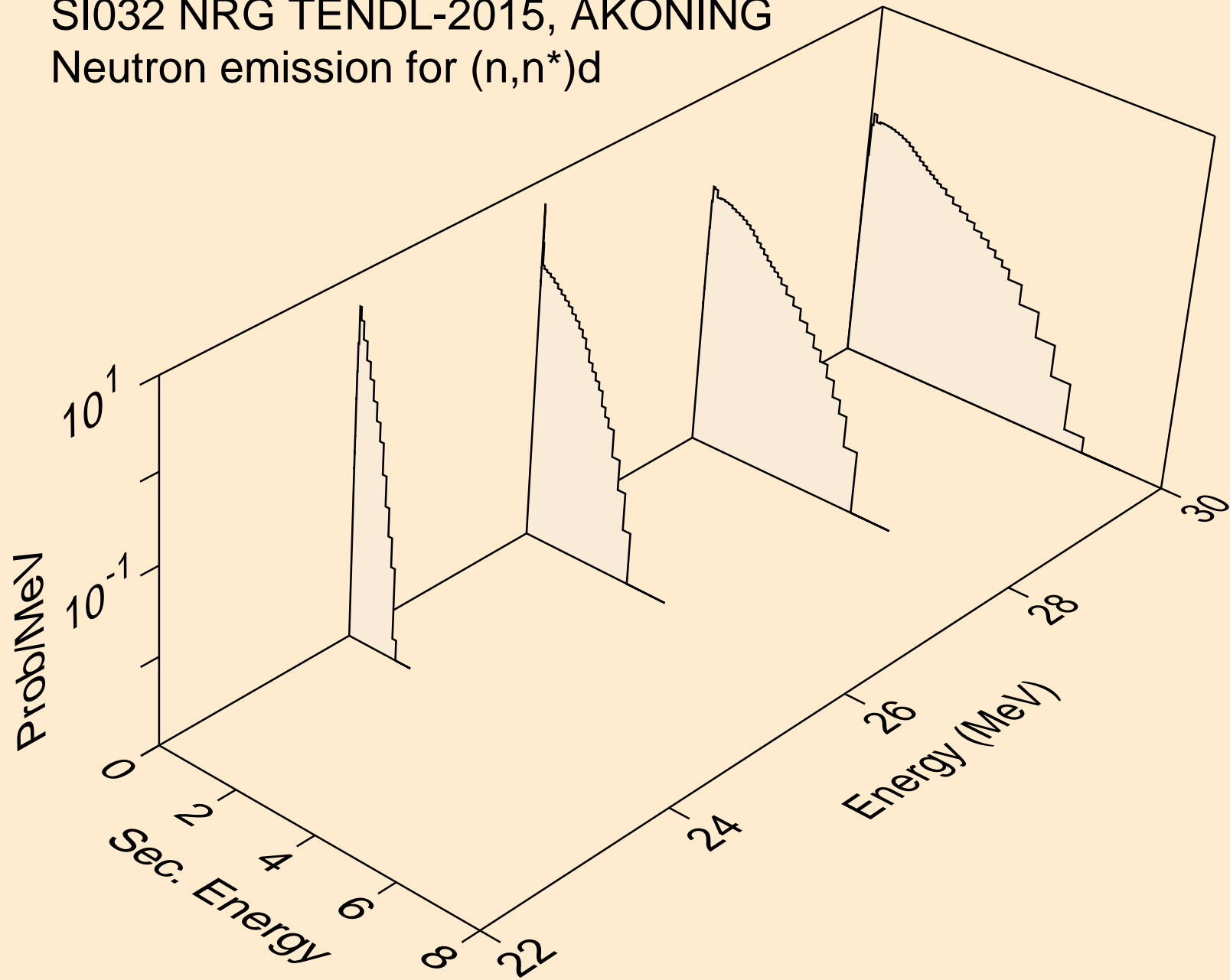


SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

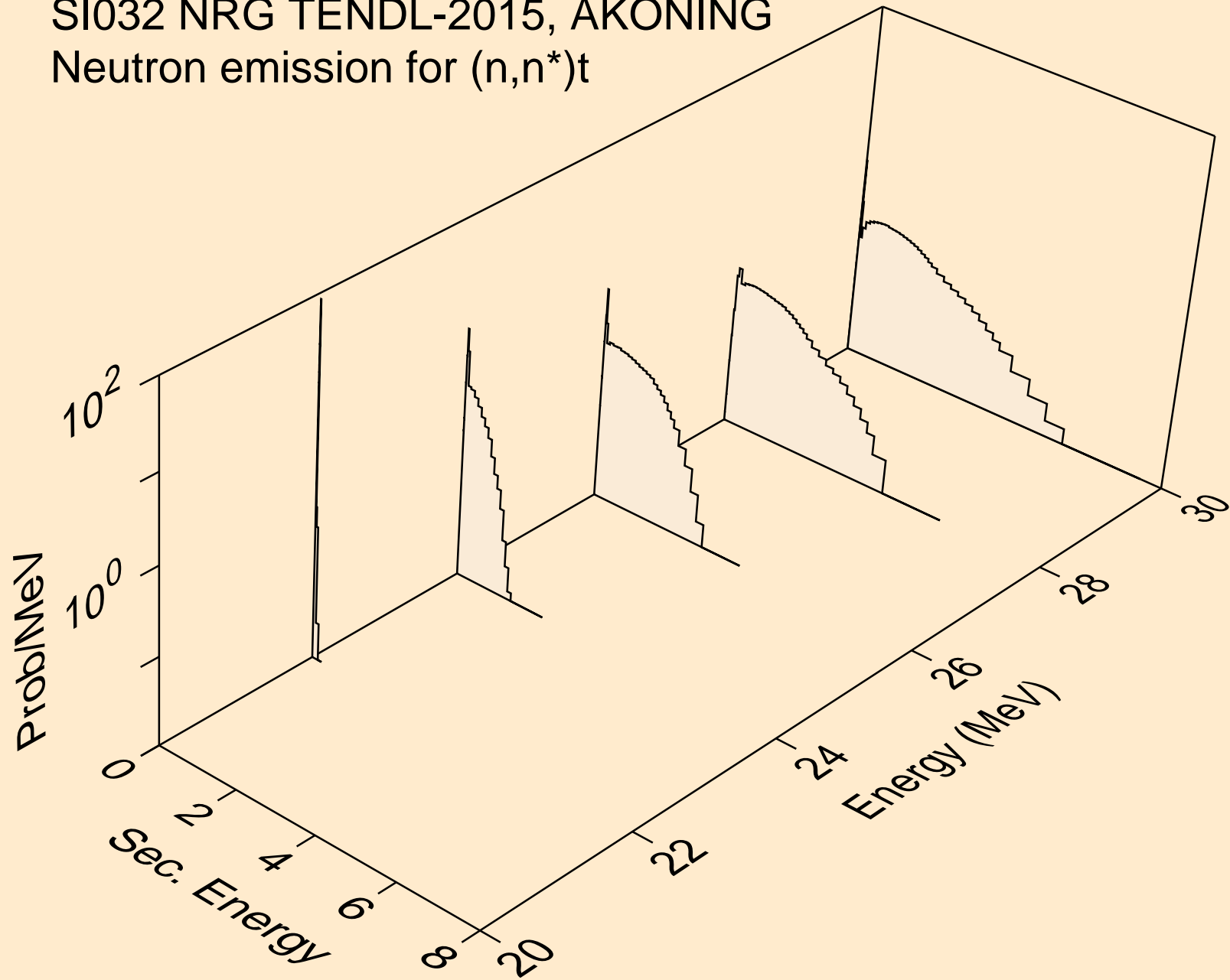




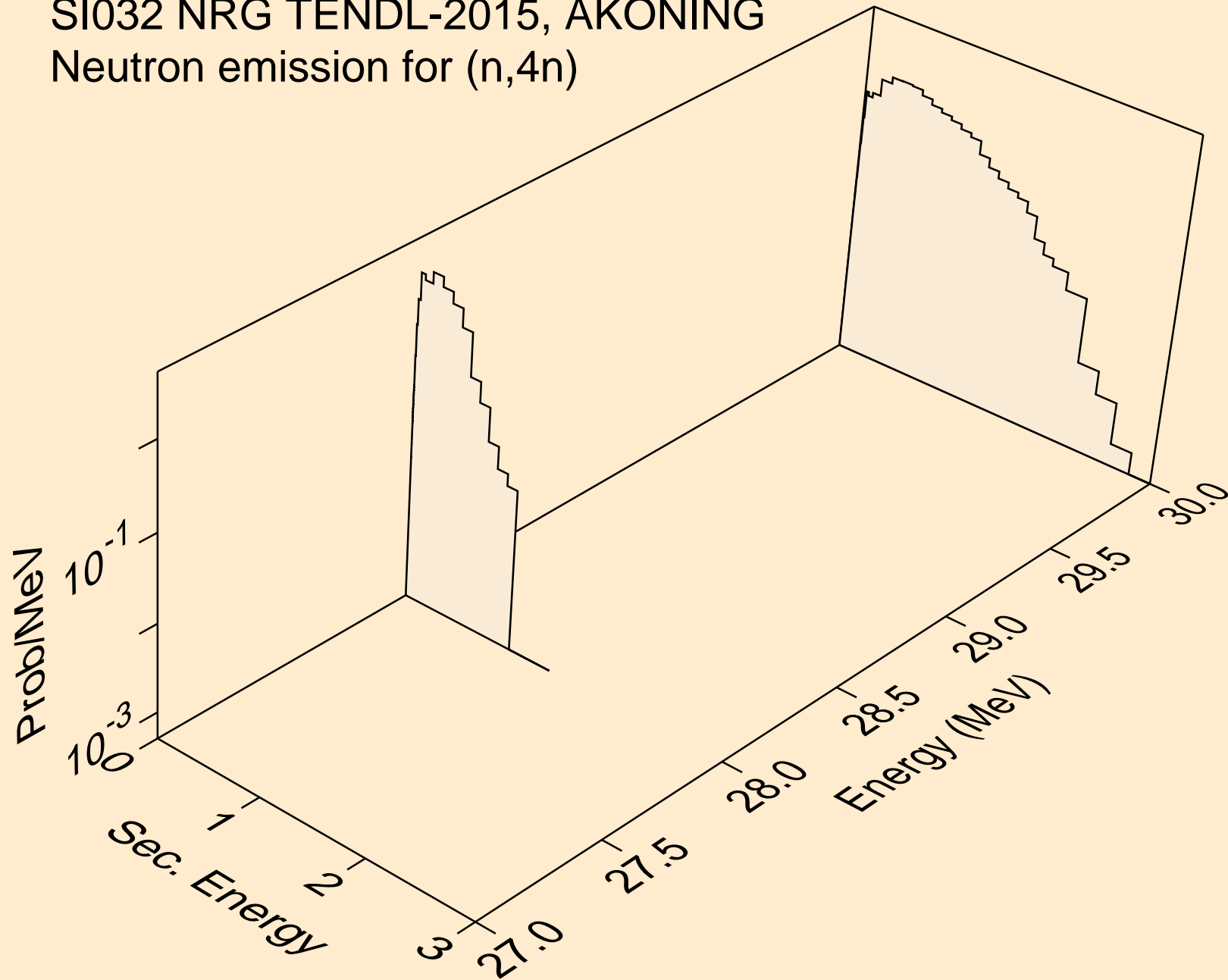
SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



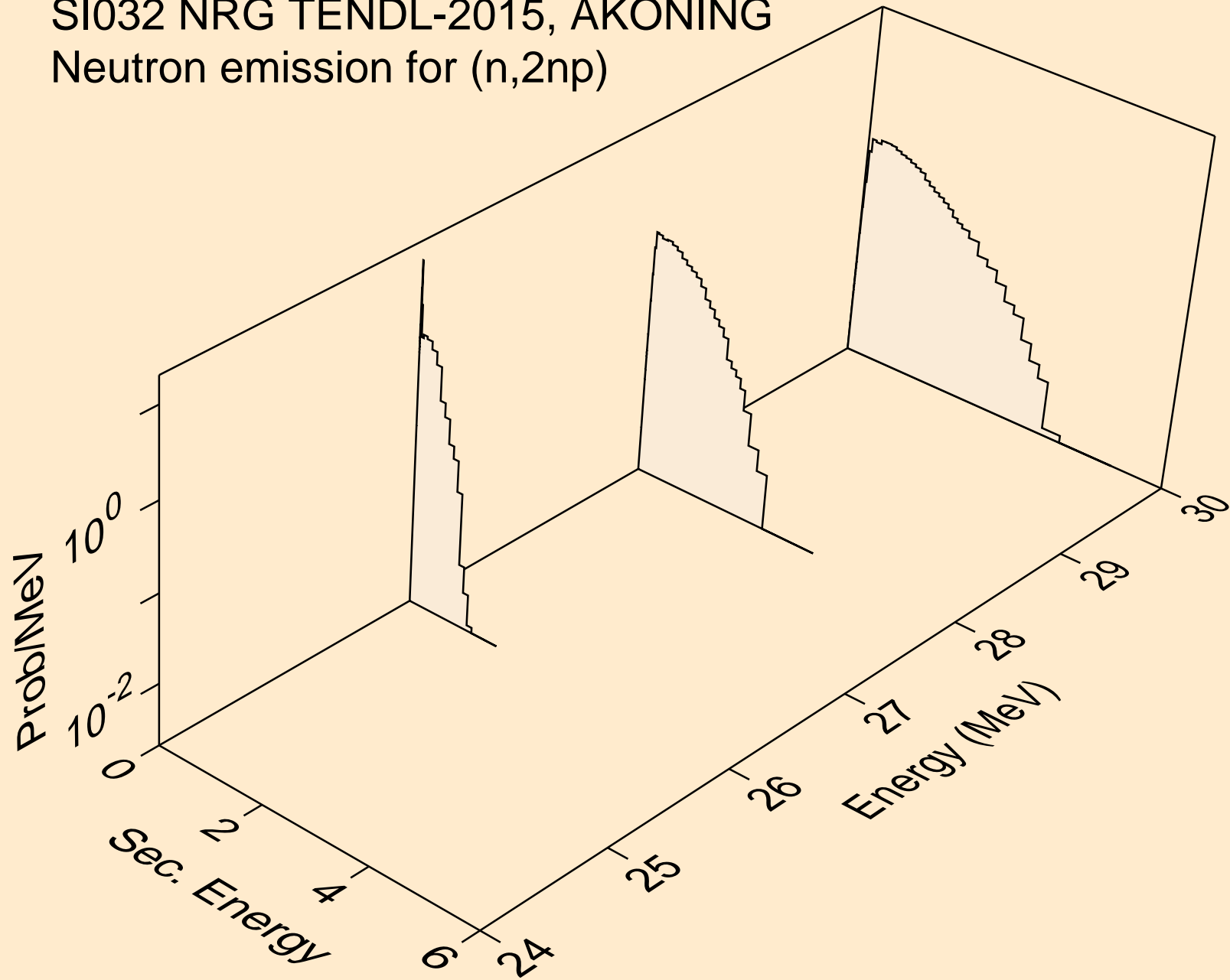
SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



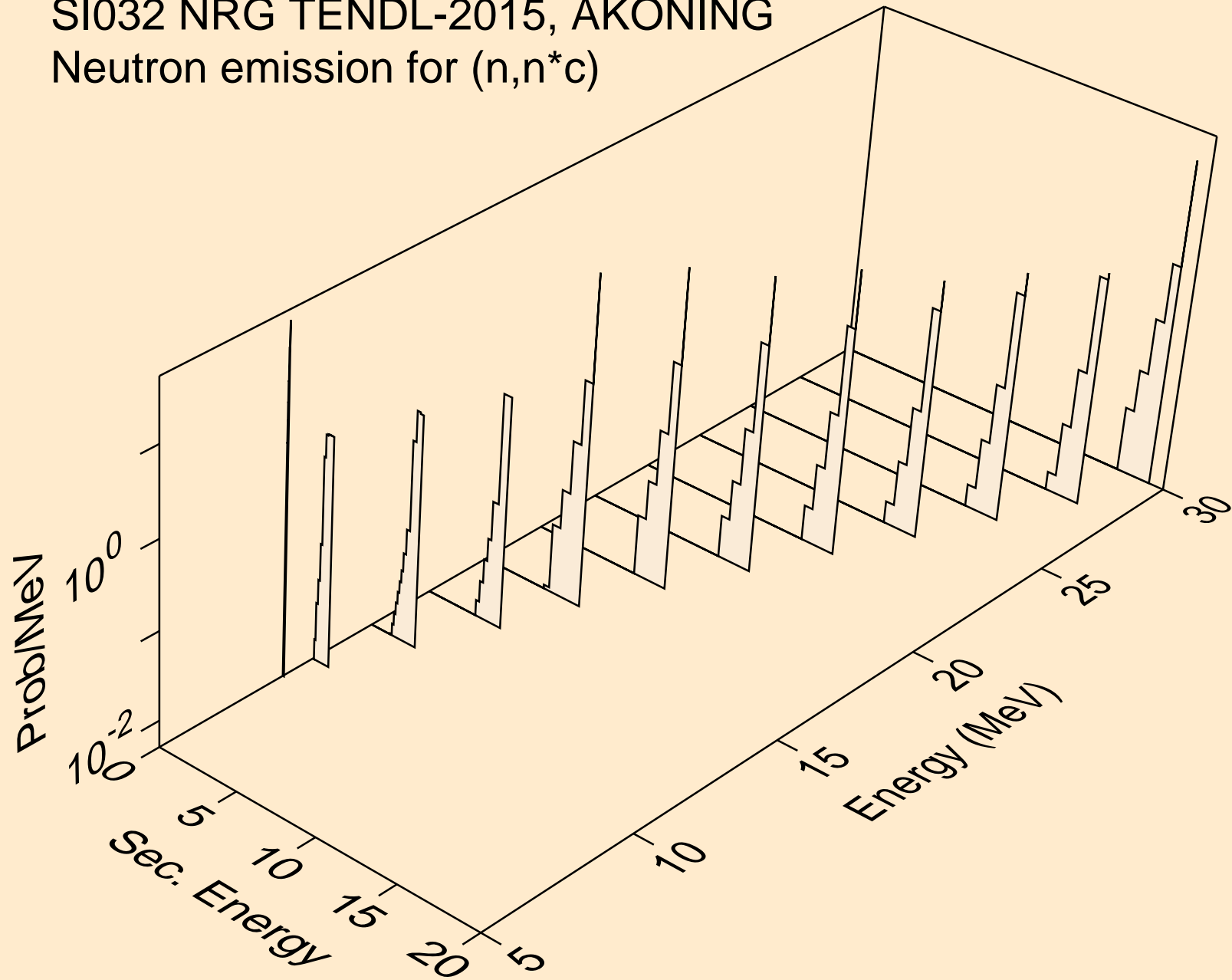
SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



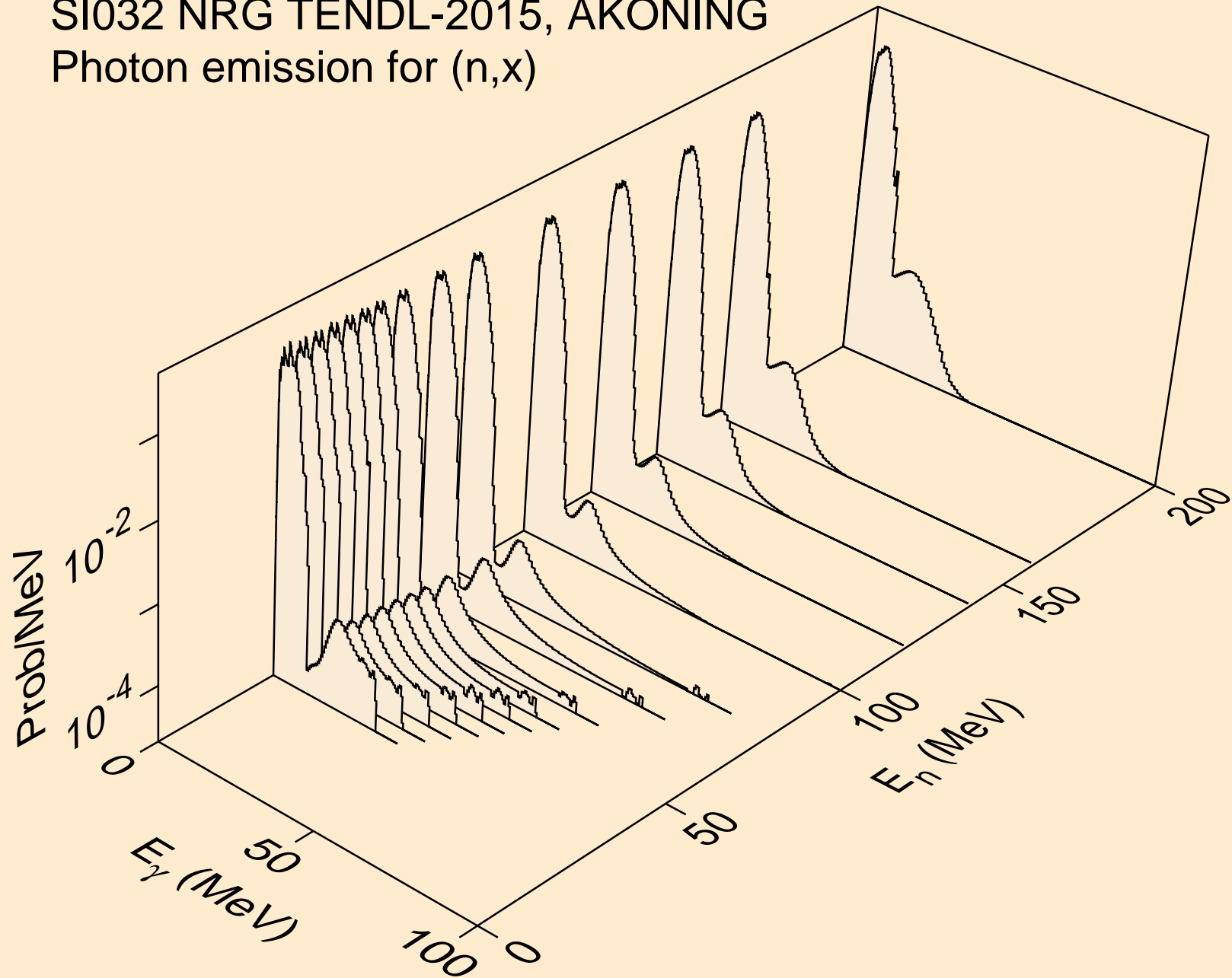
SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



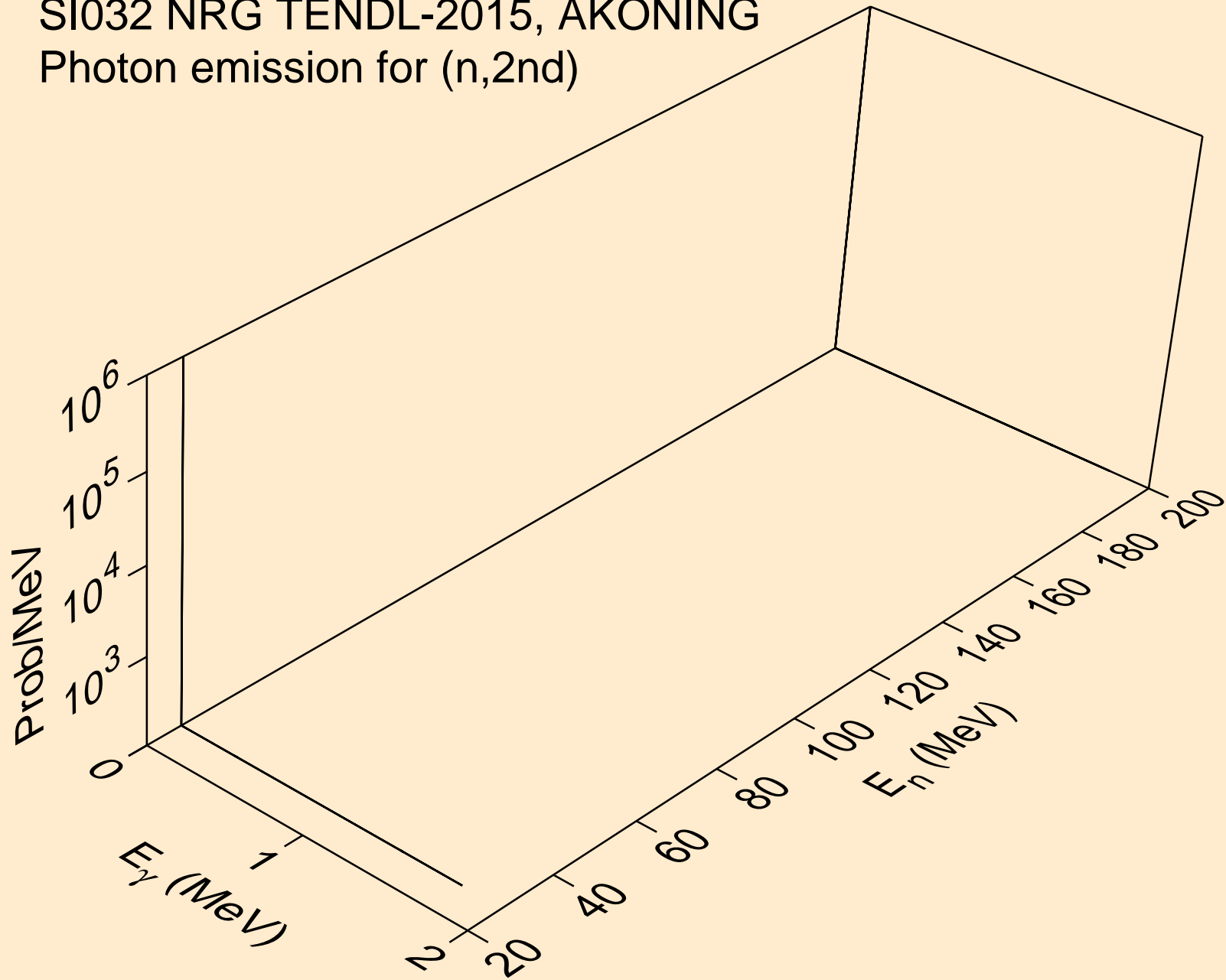
SI032 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



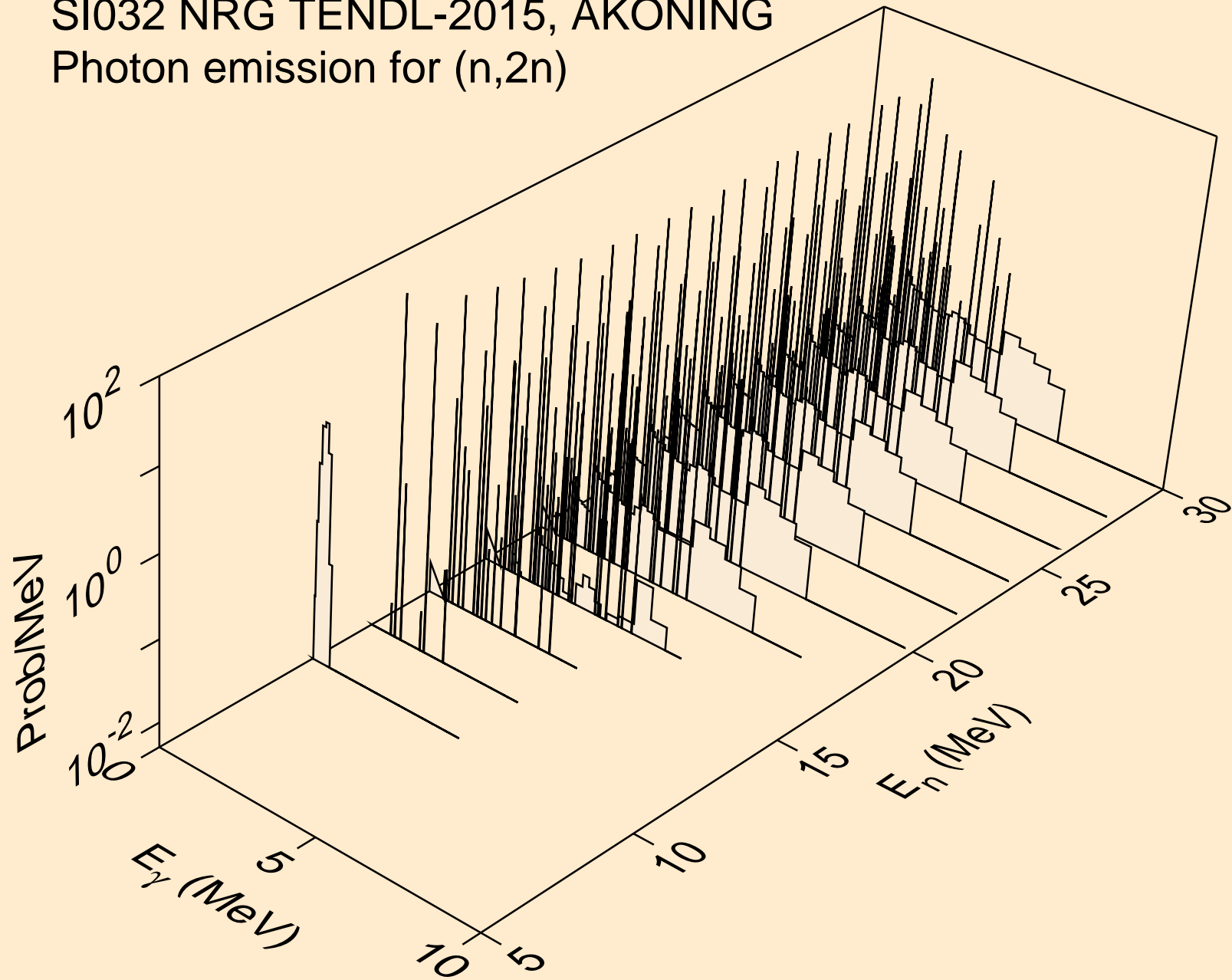
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

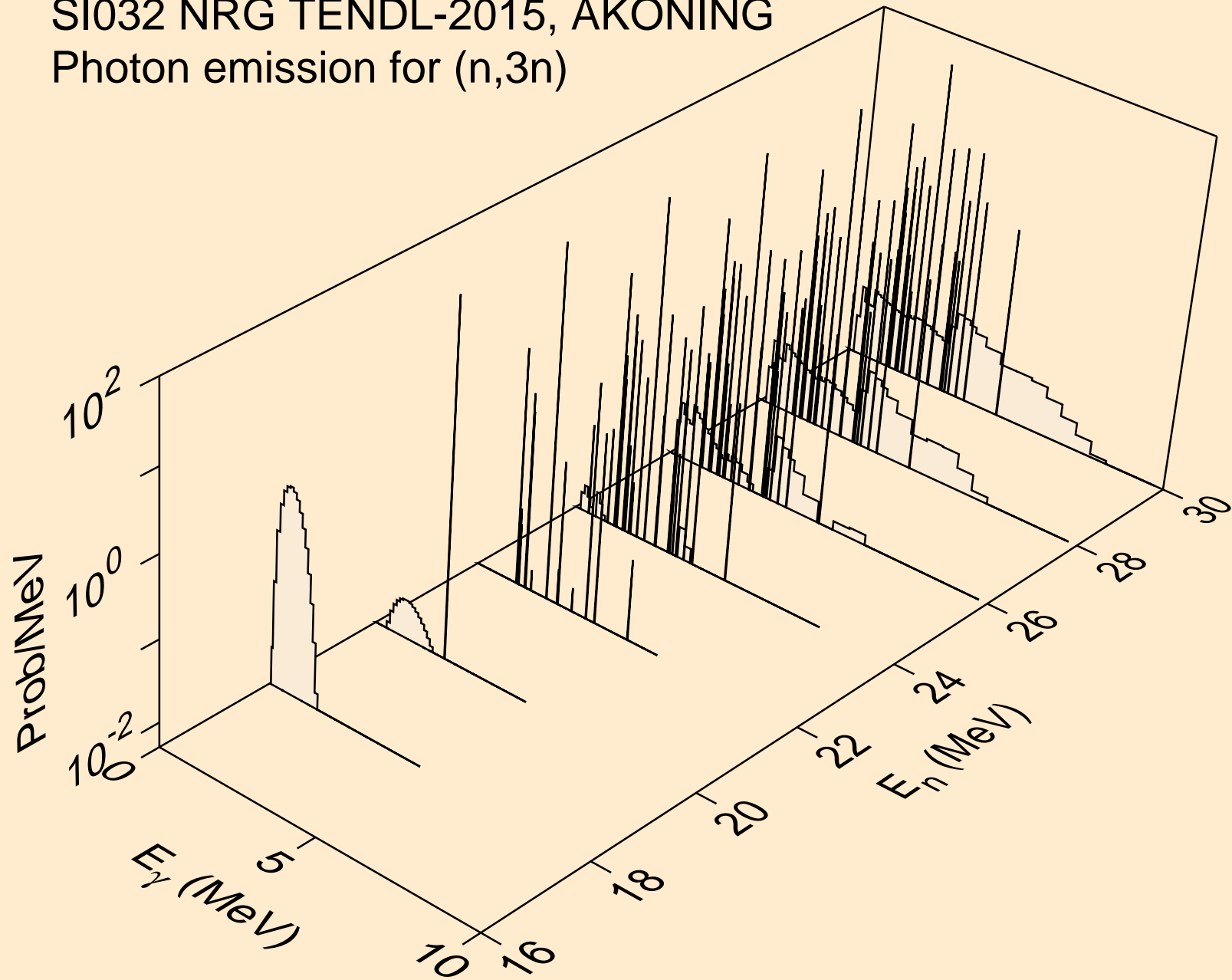


SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

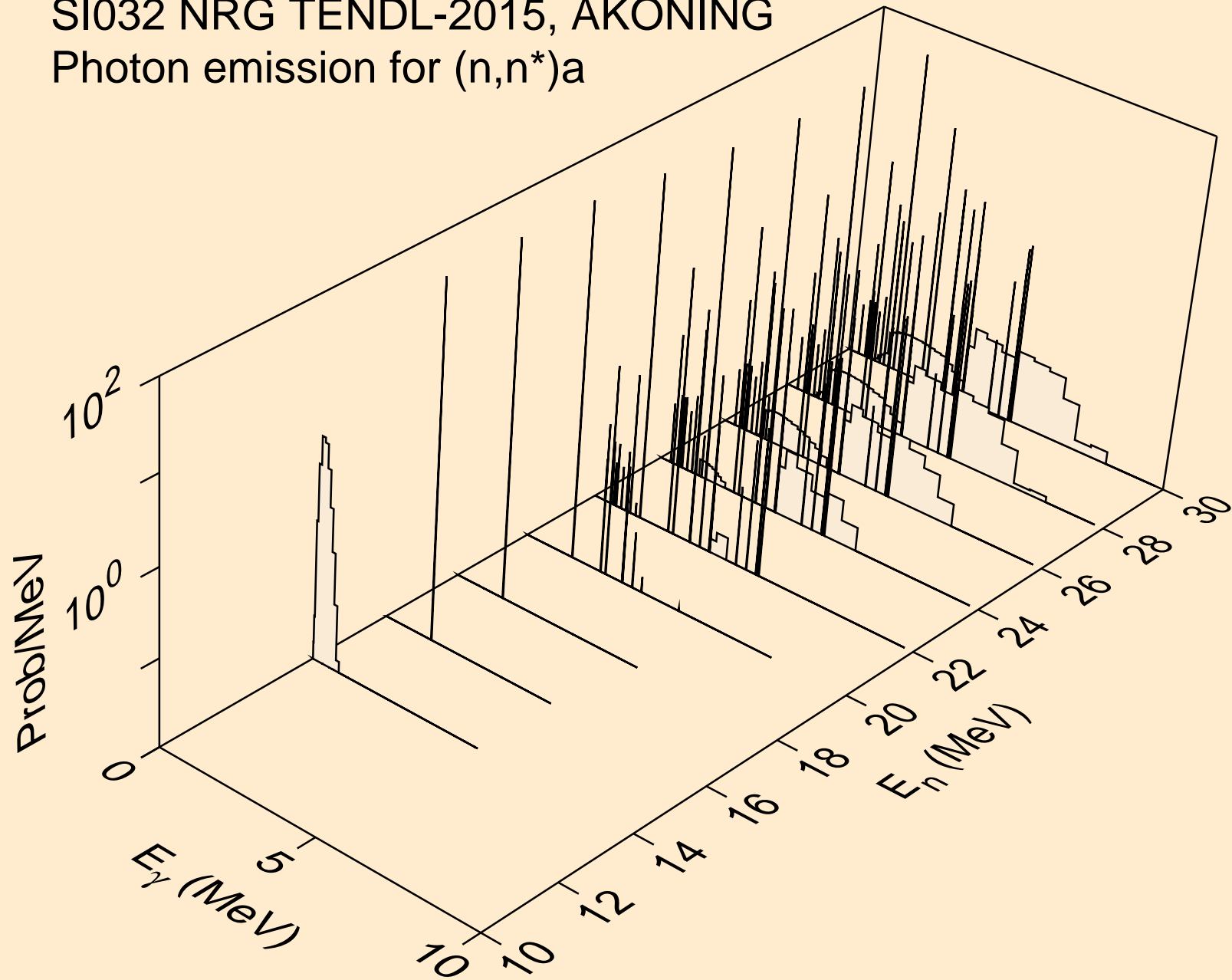




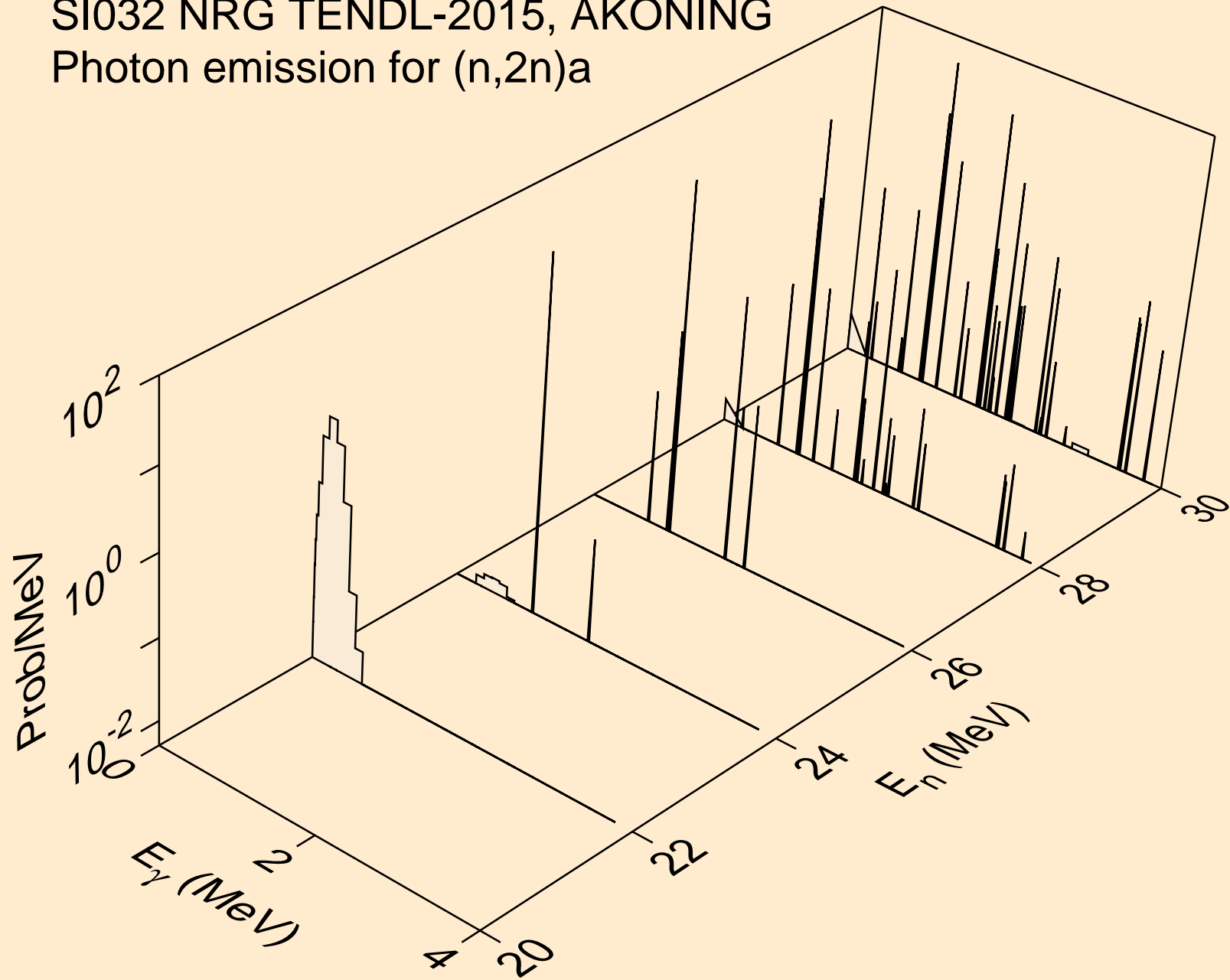
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



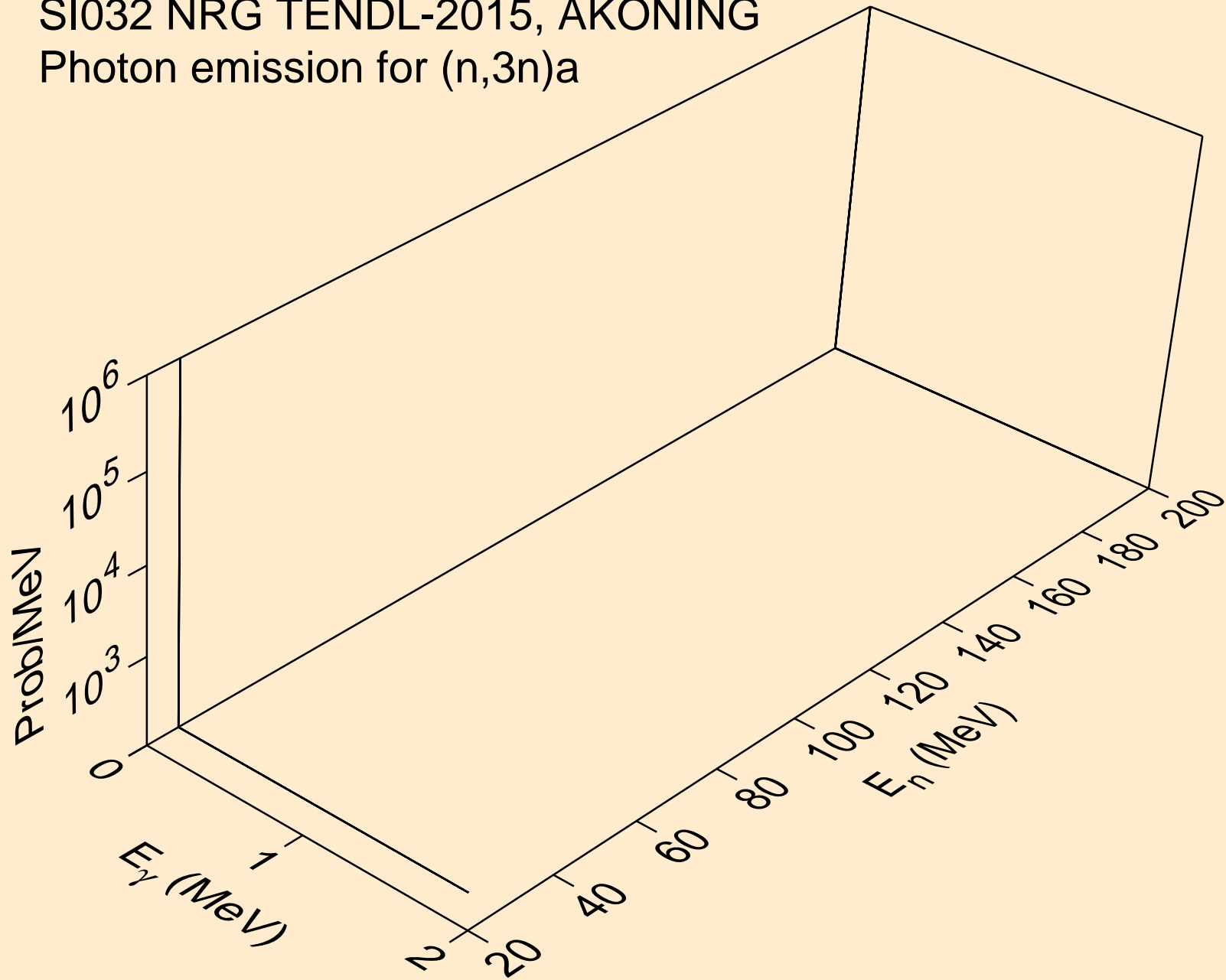
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



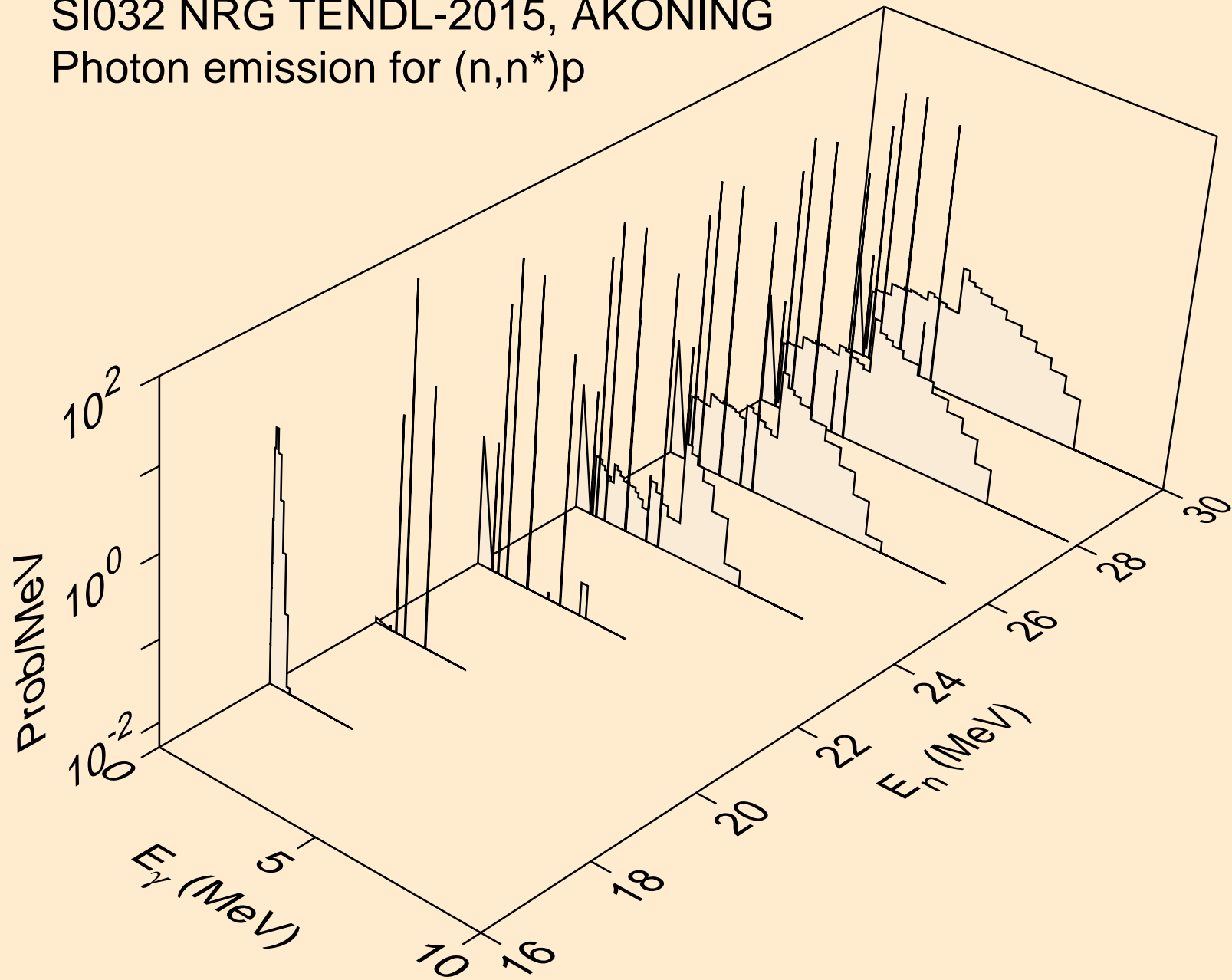
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



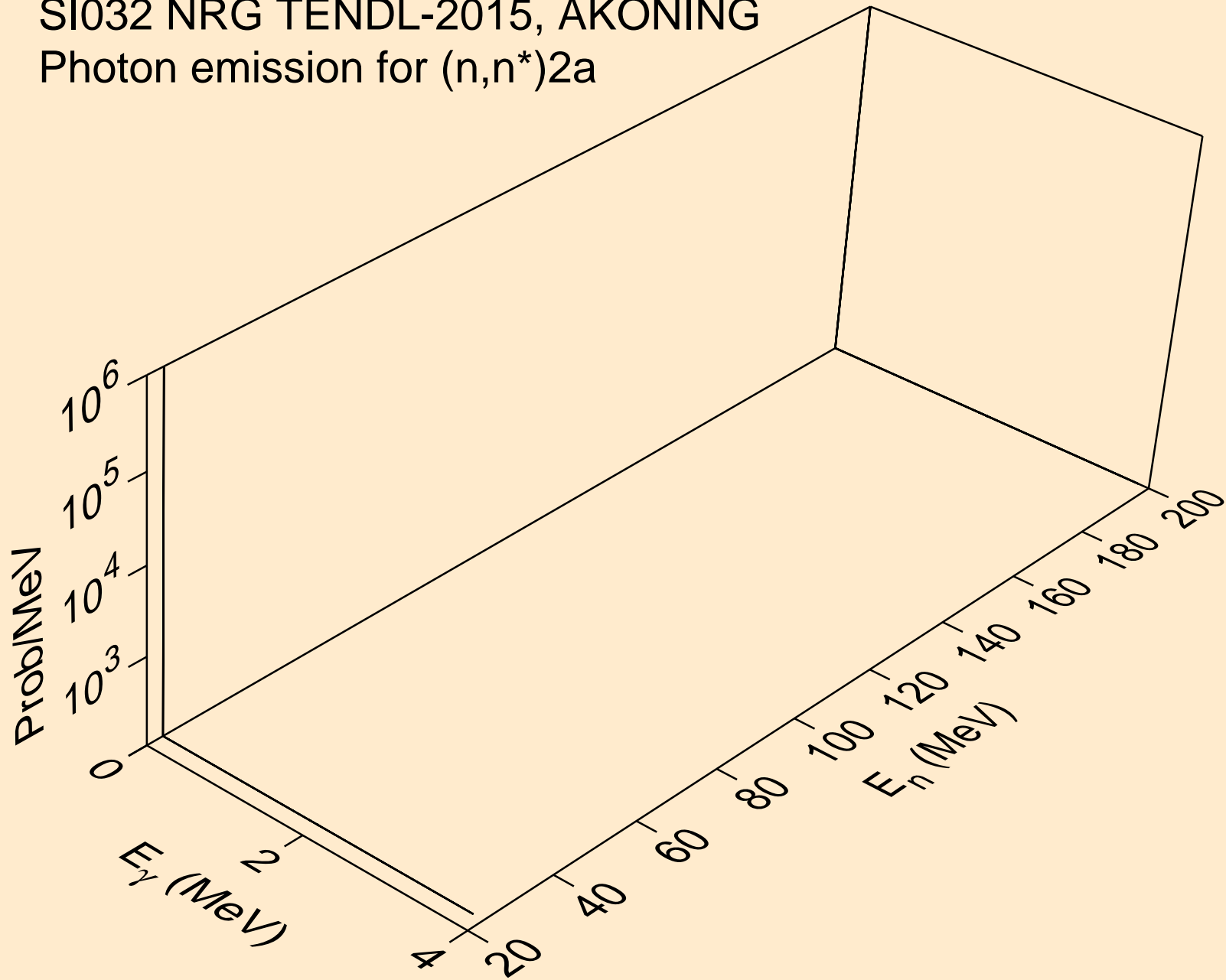
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



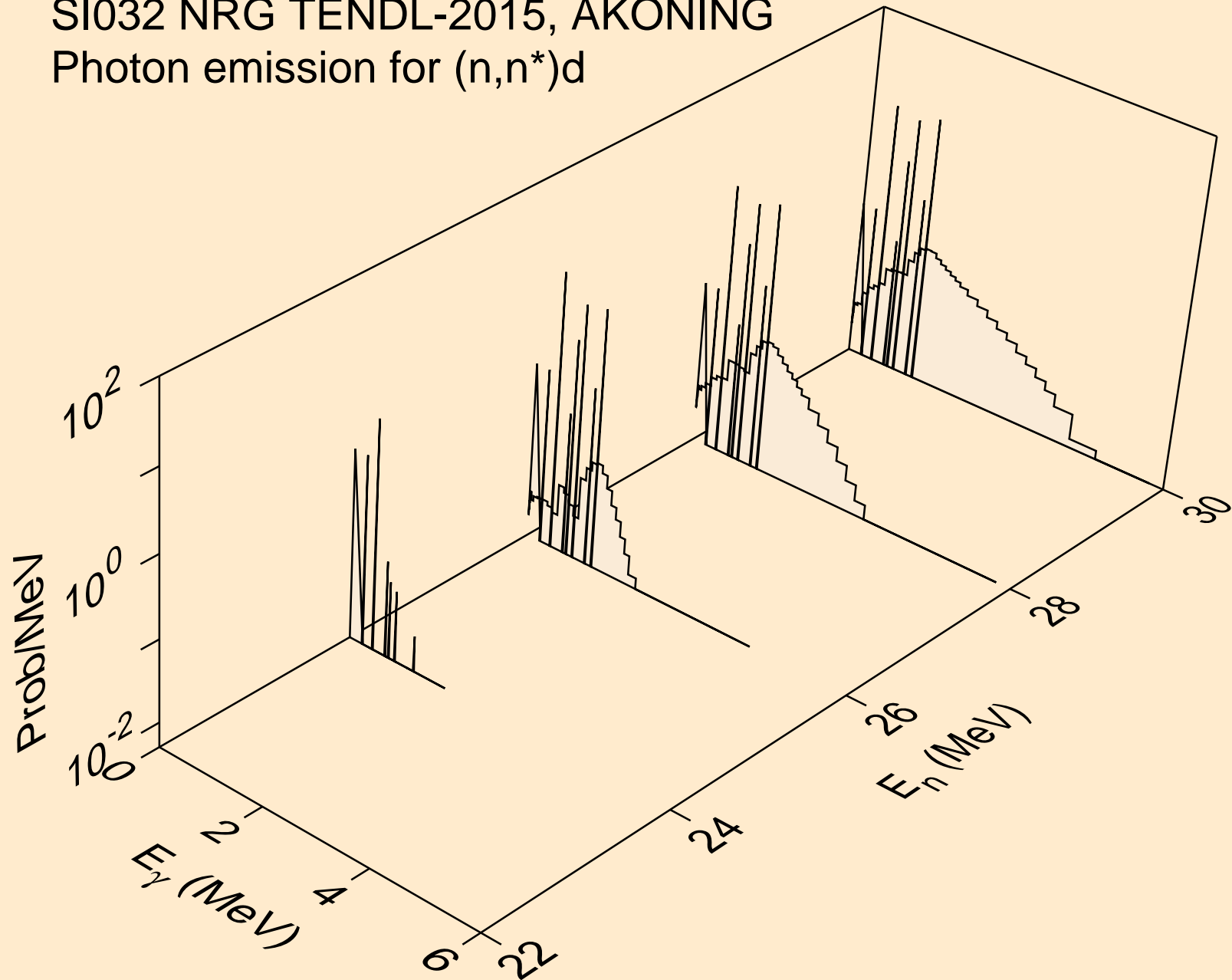
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



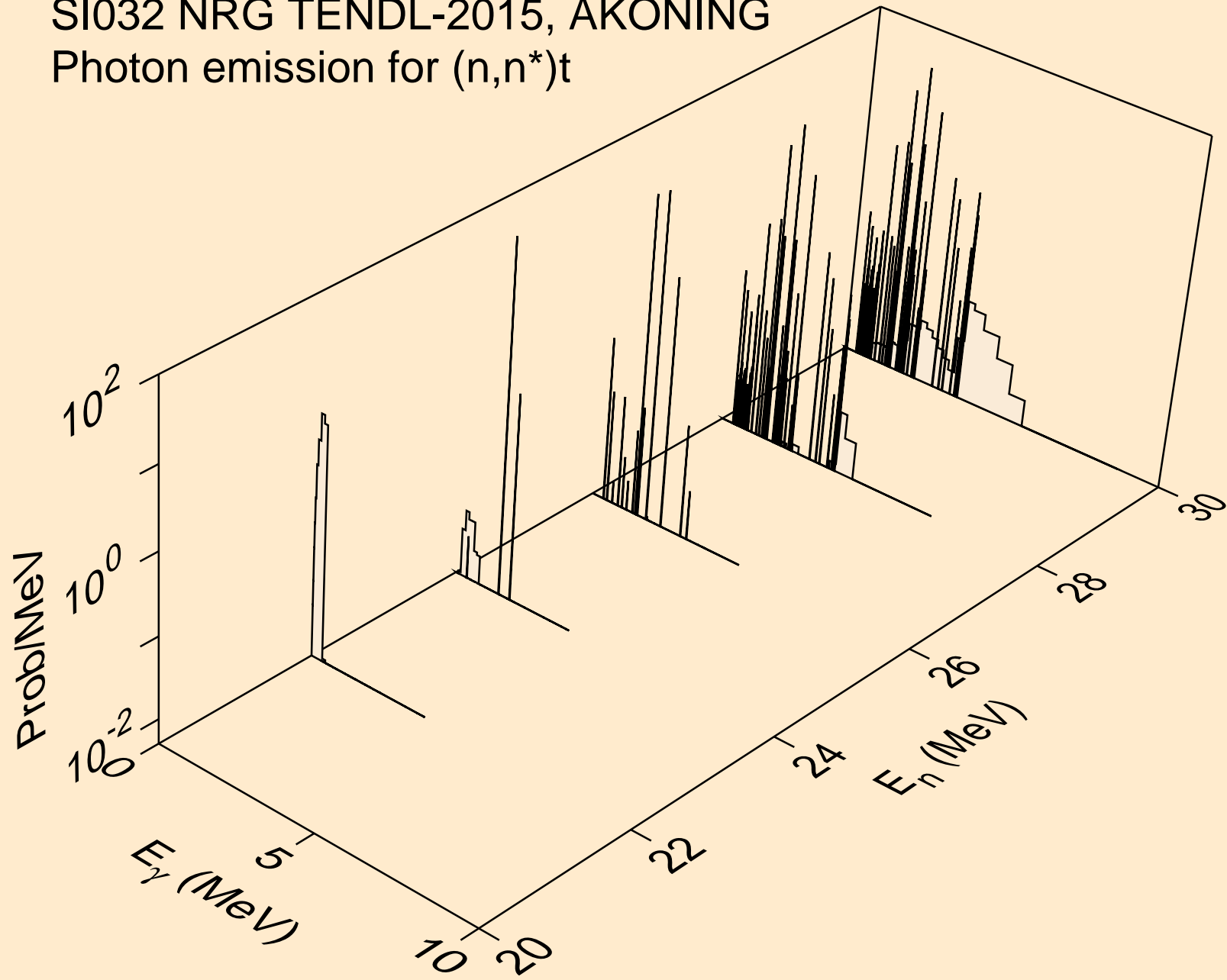
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

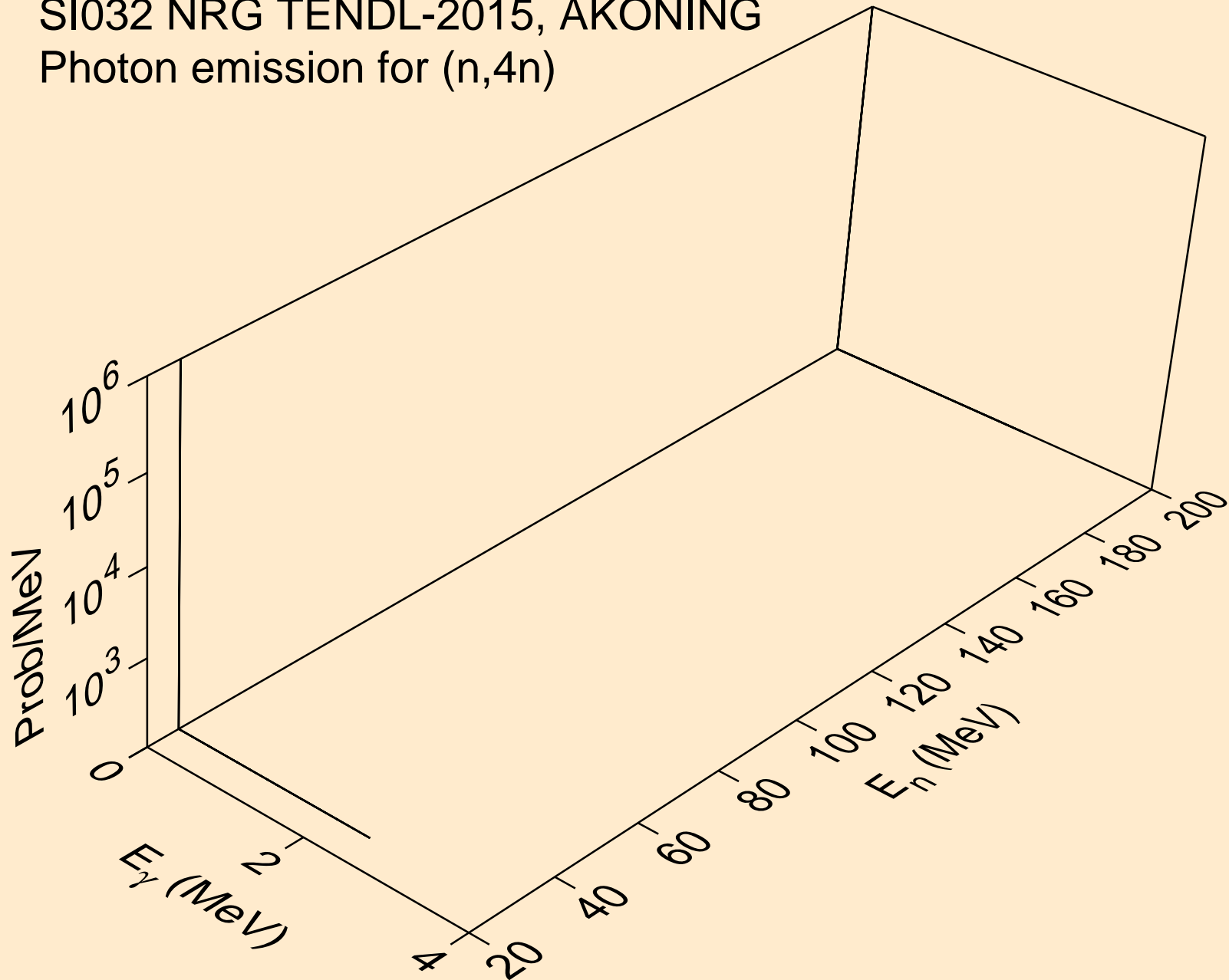


SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

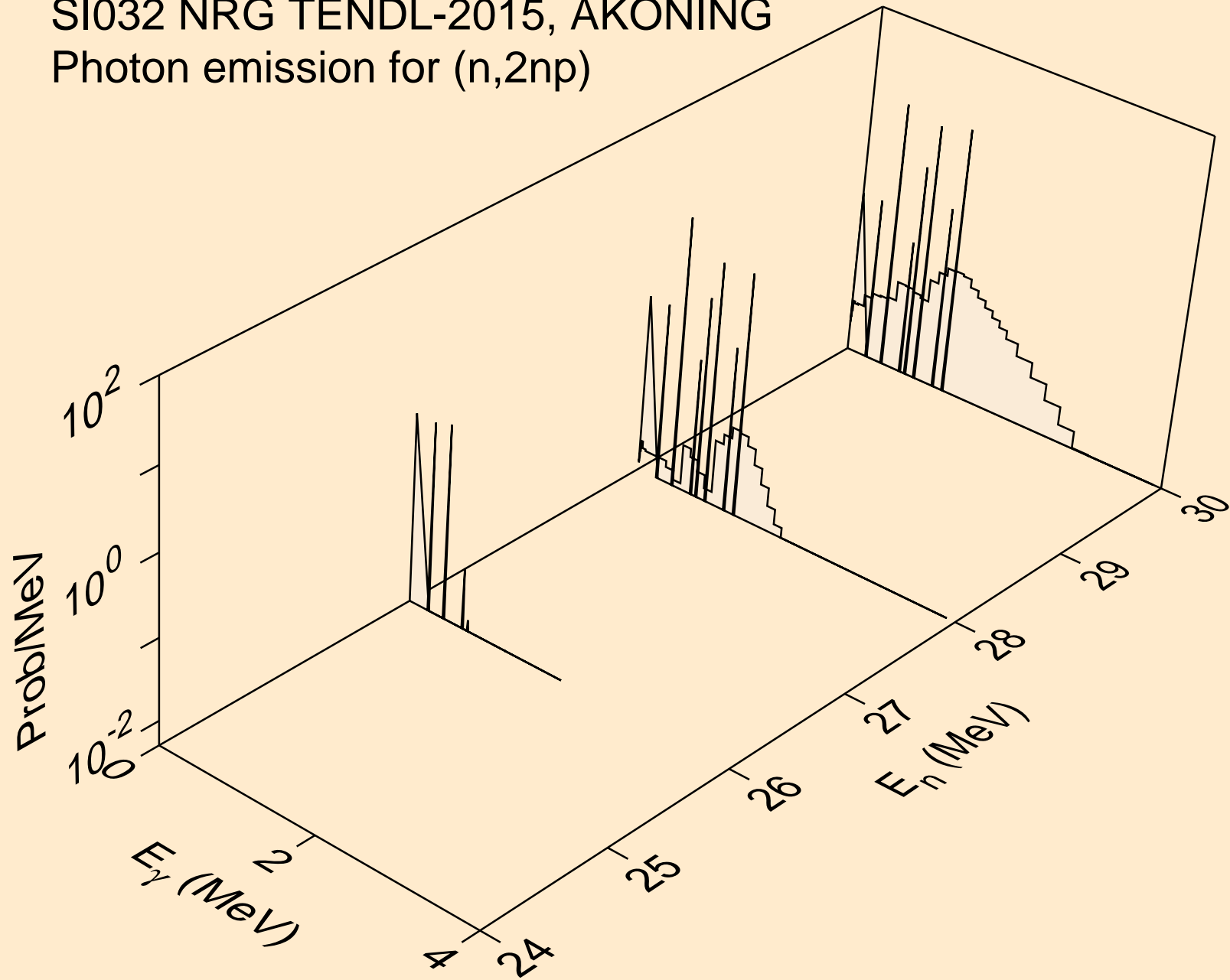




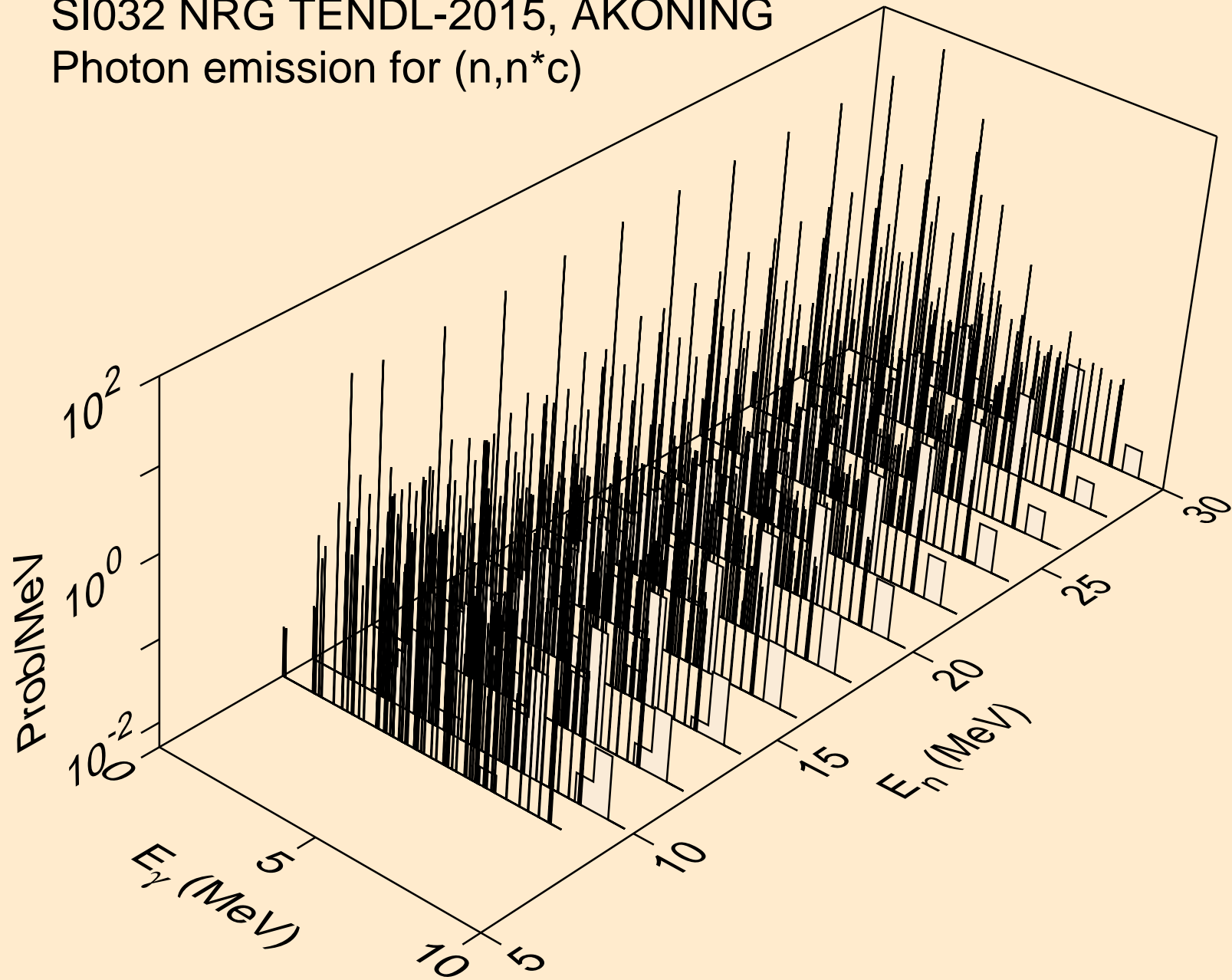
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



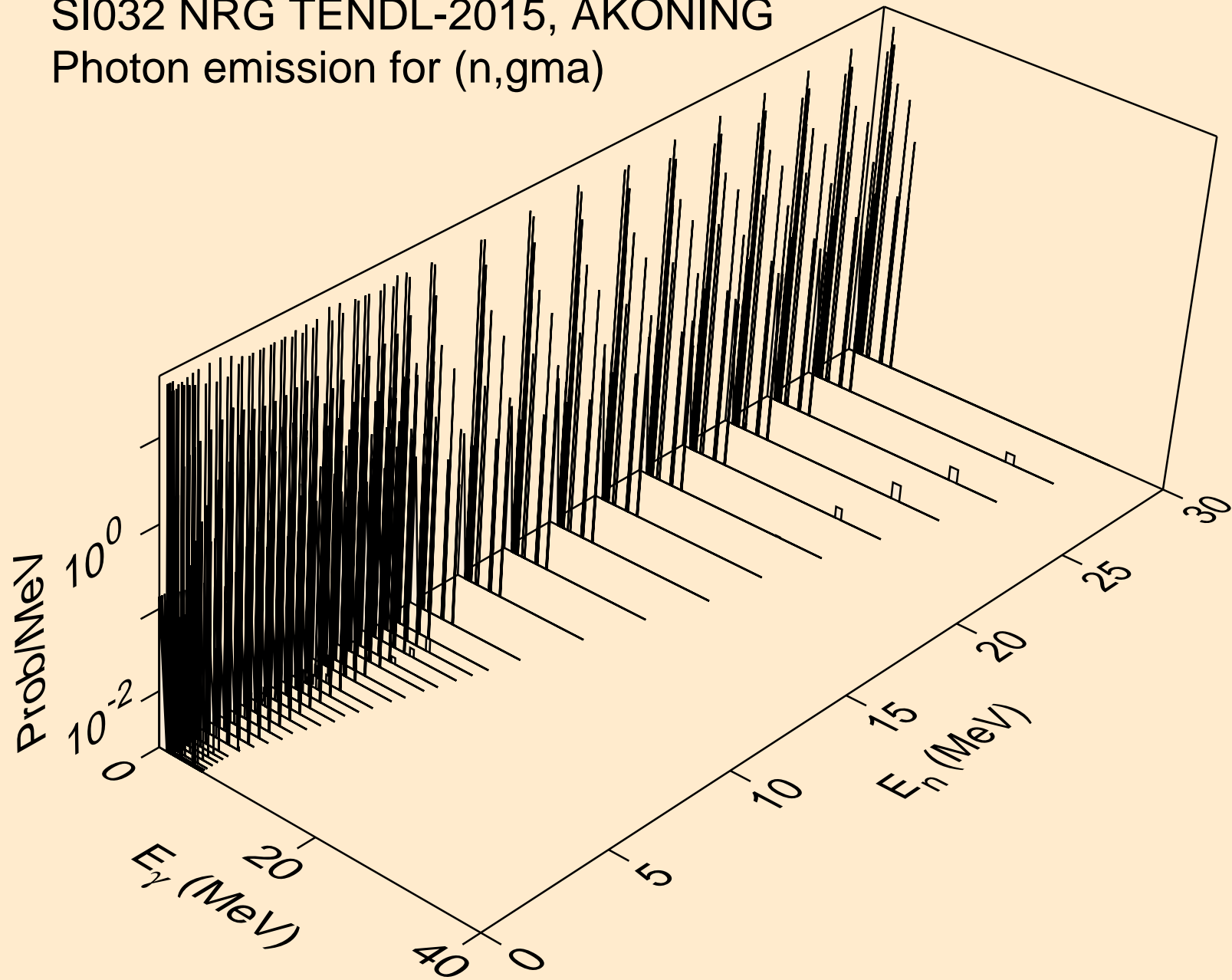
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



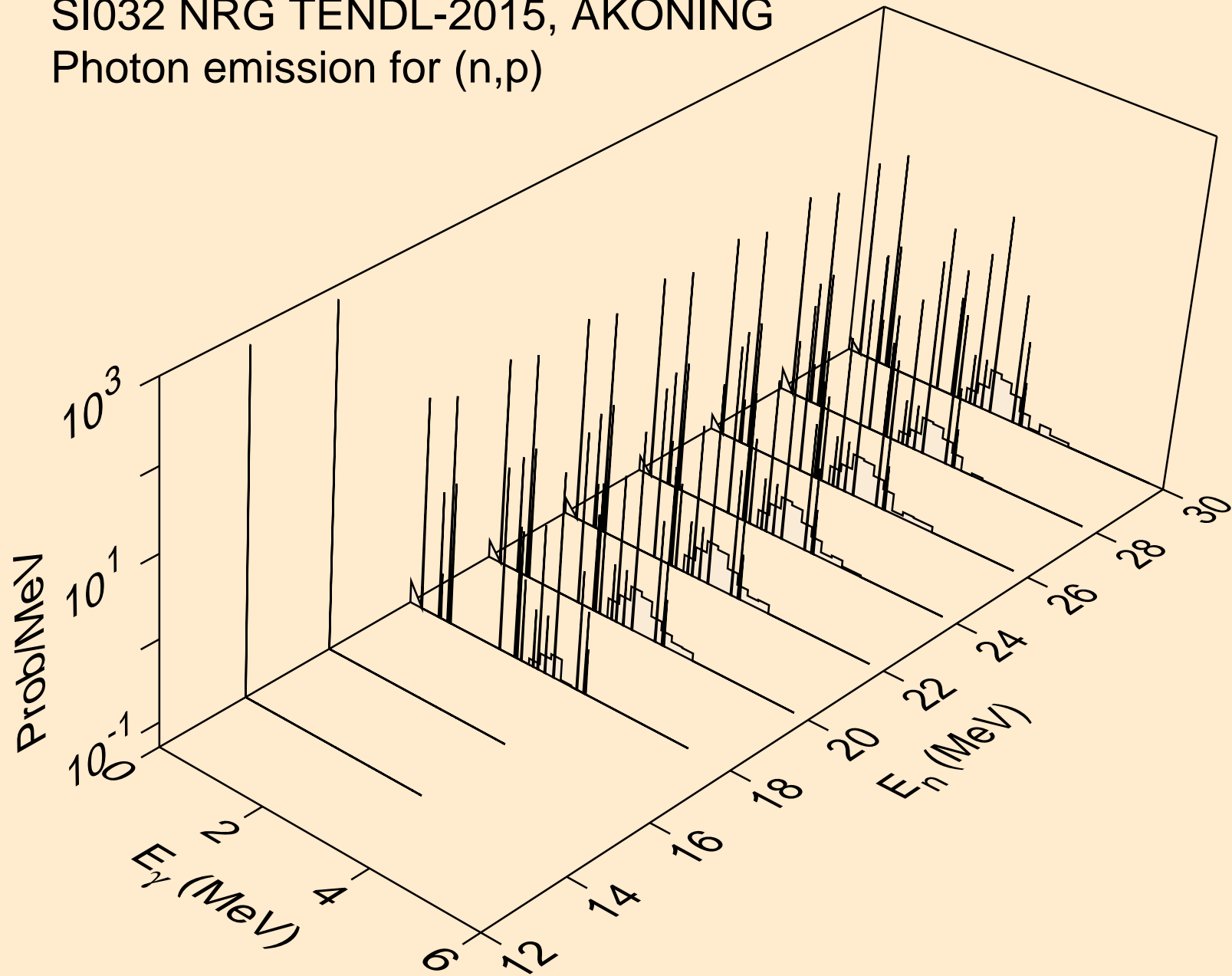
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



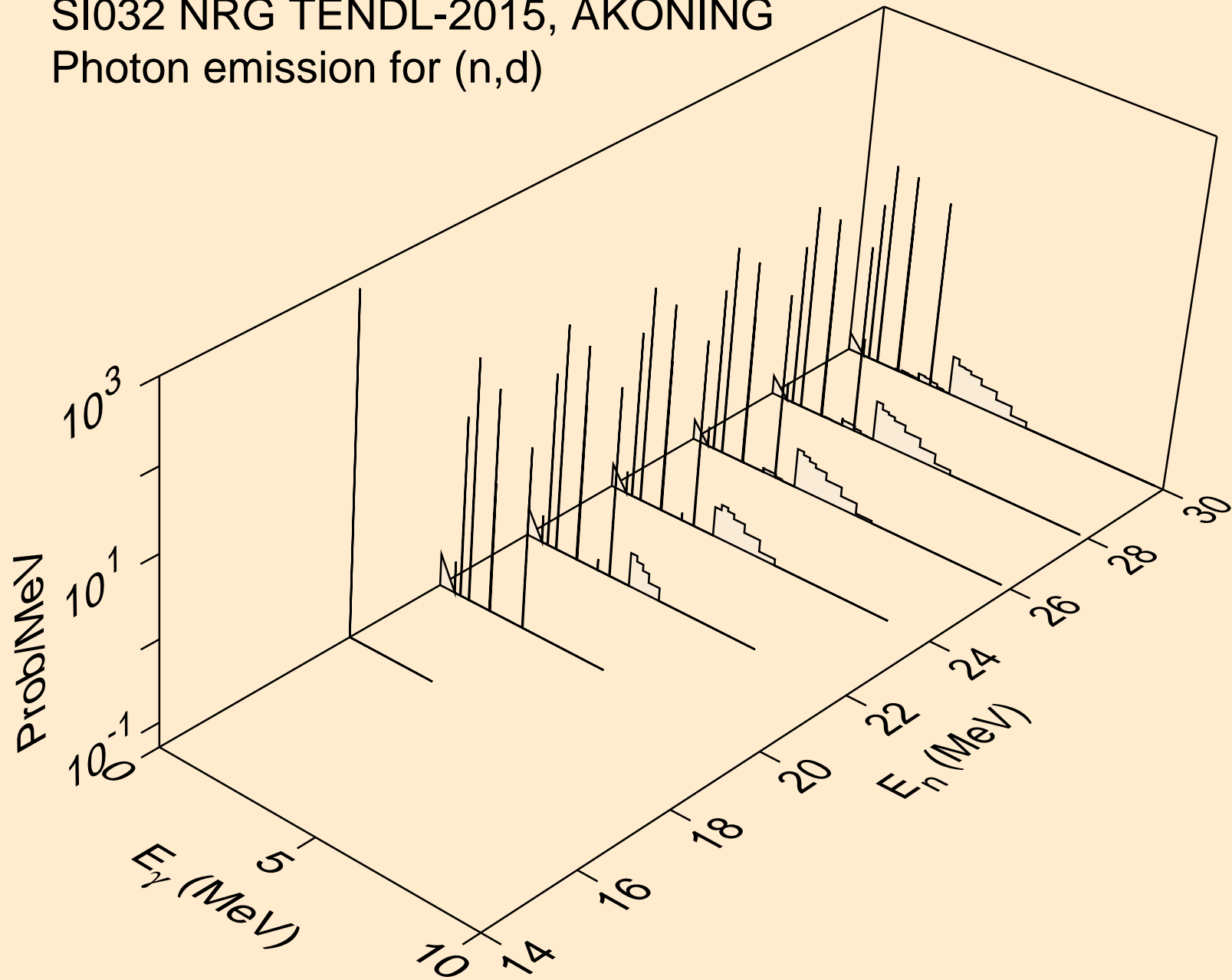
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



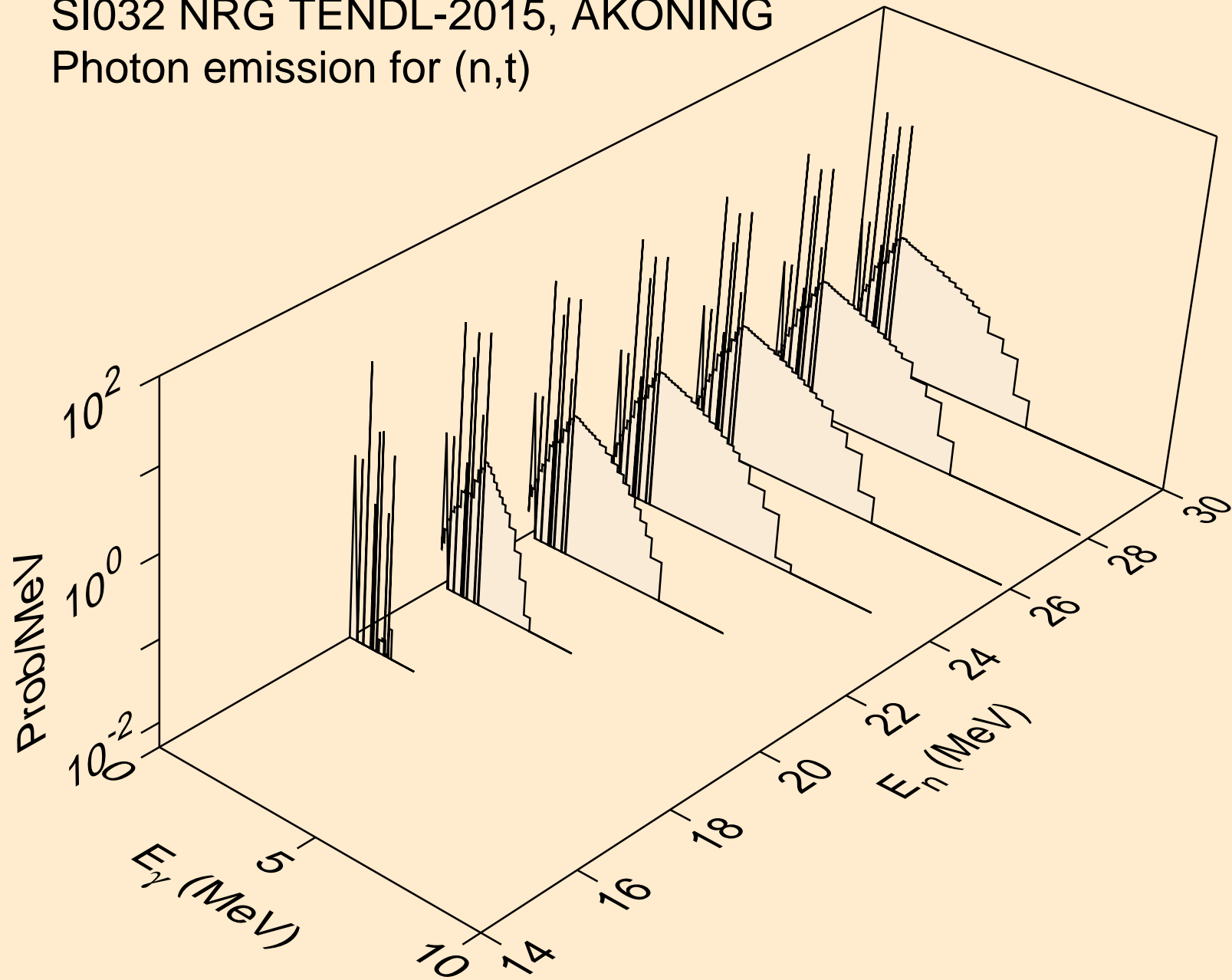
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



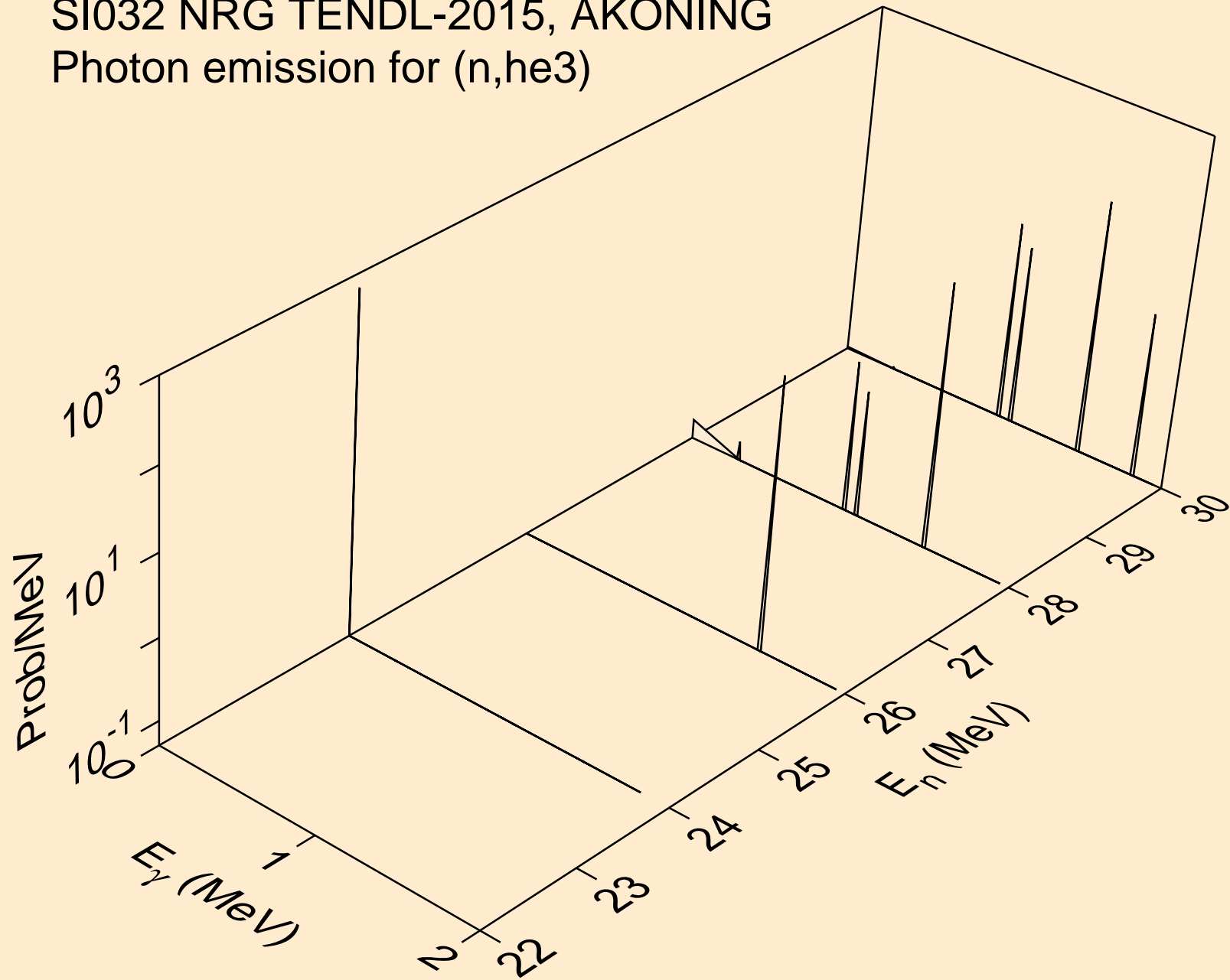
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

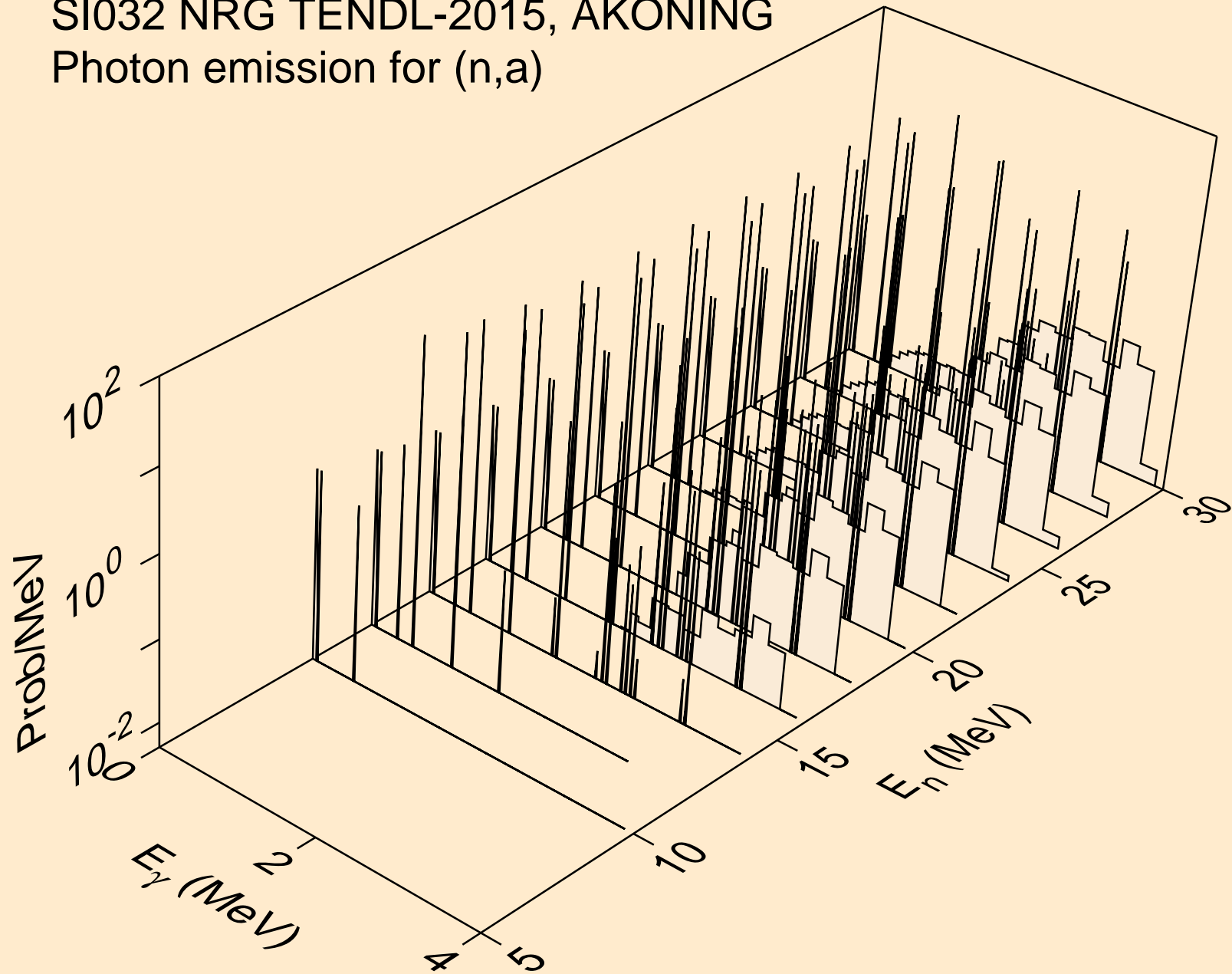


SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

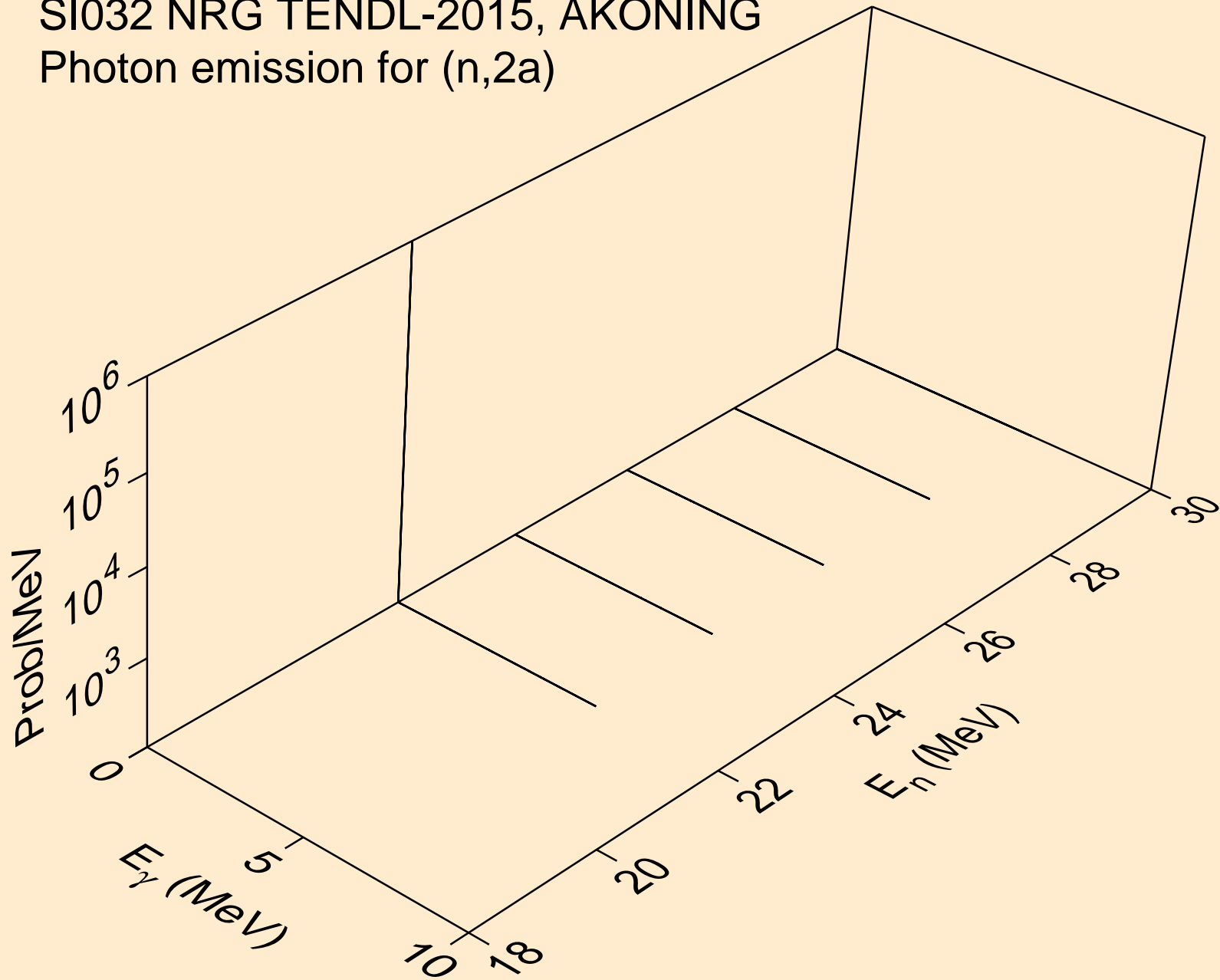




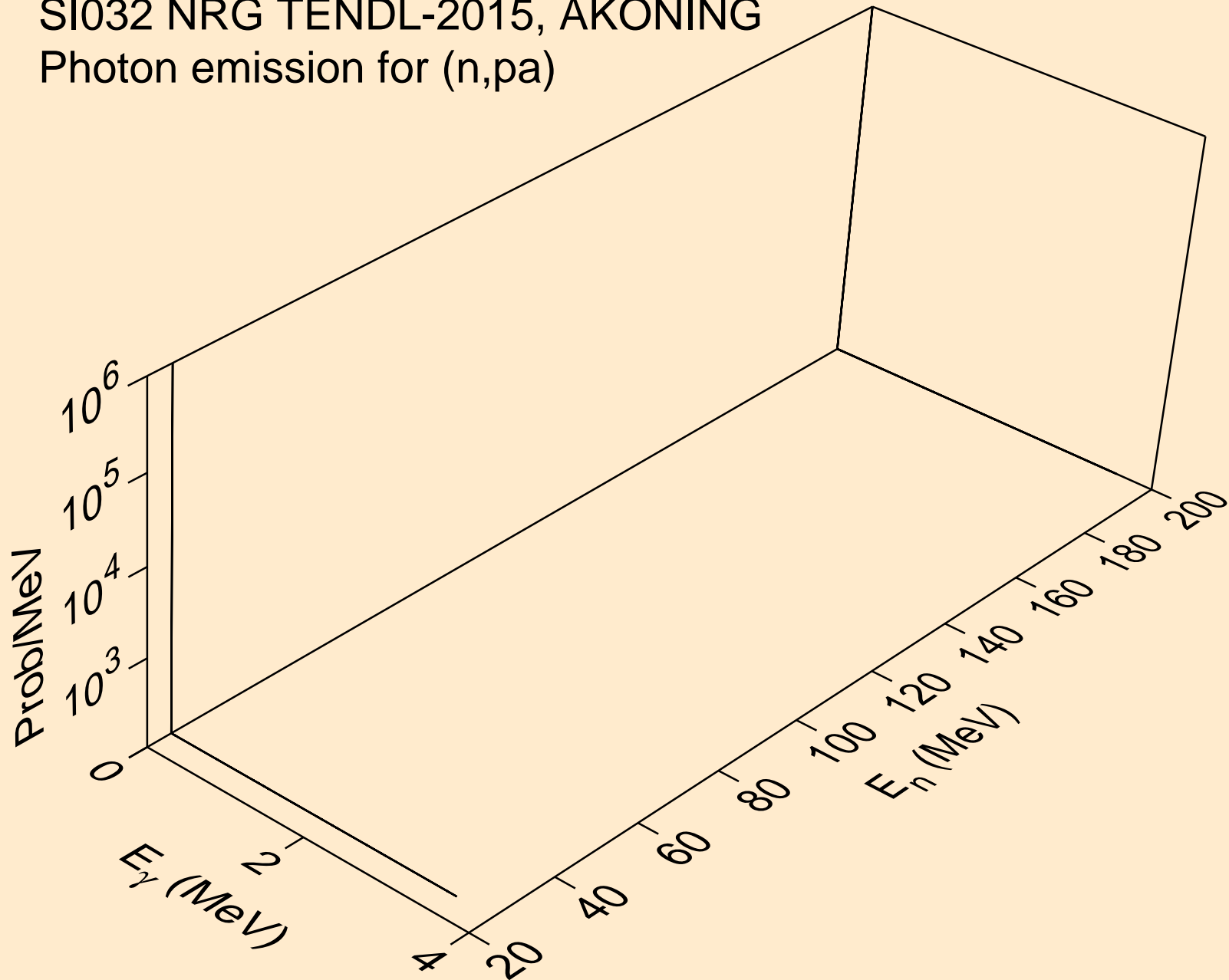
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



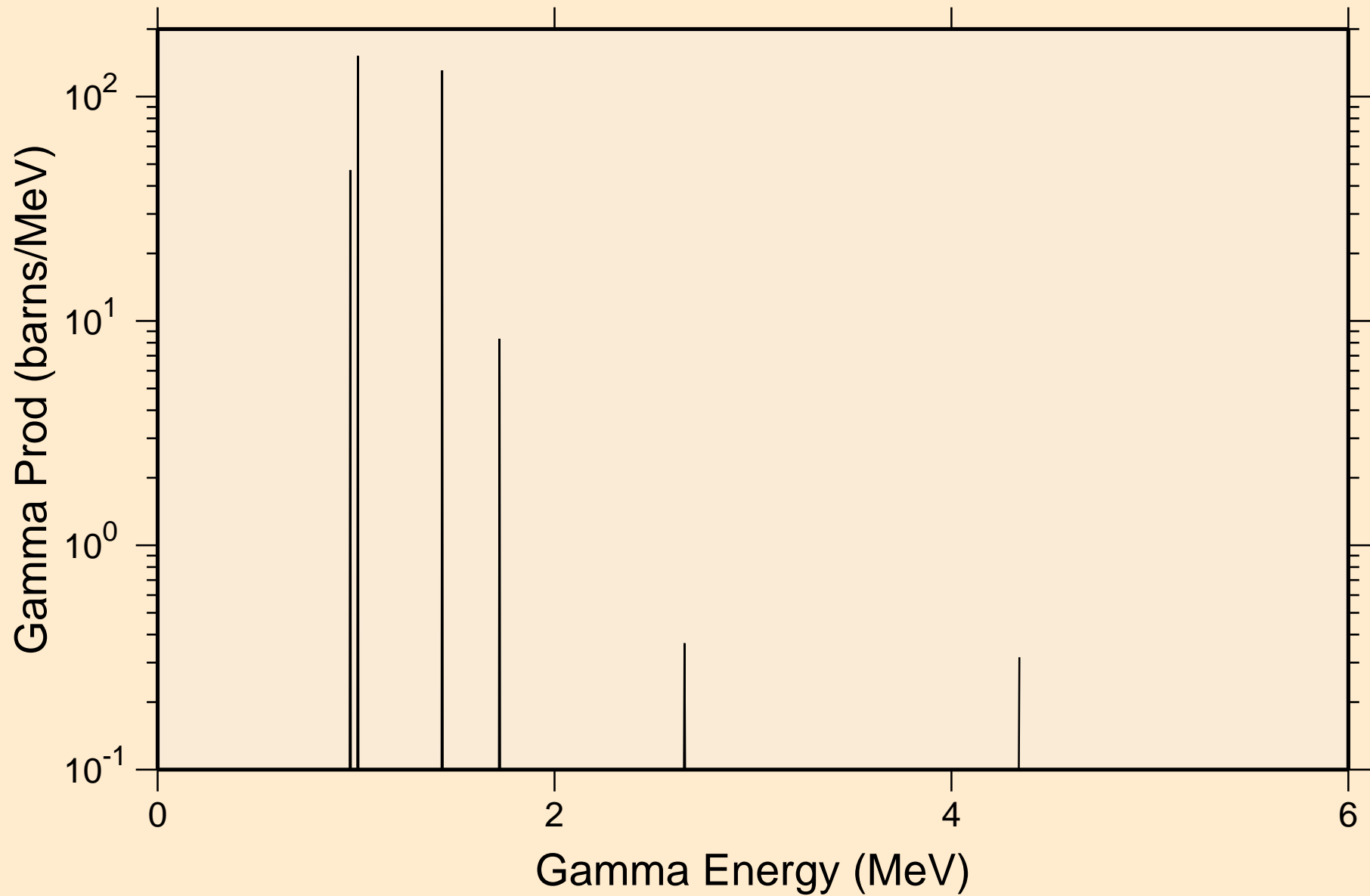
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



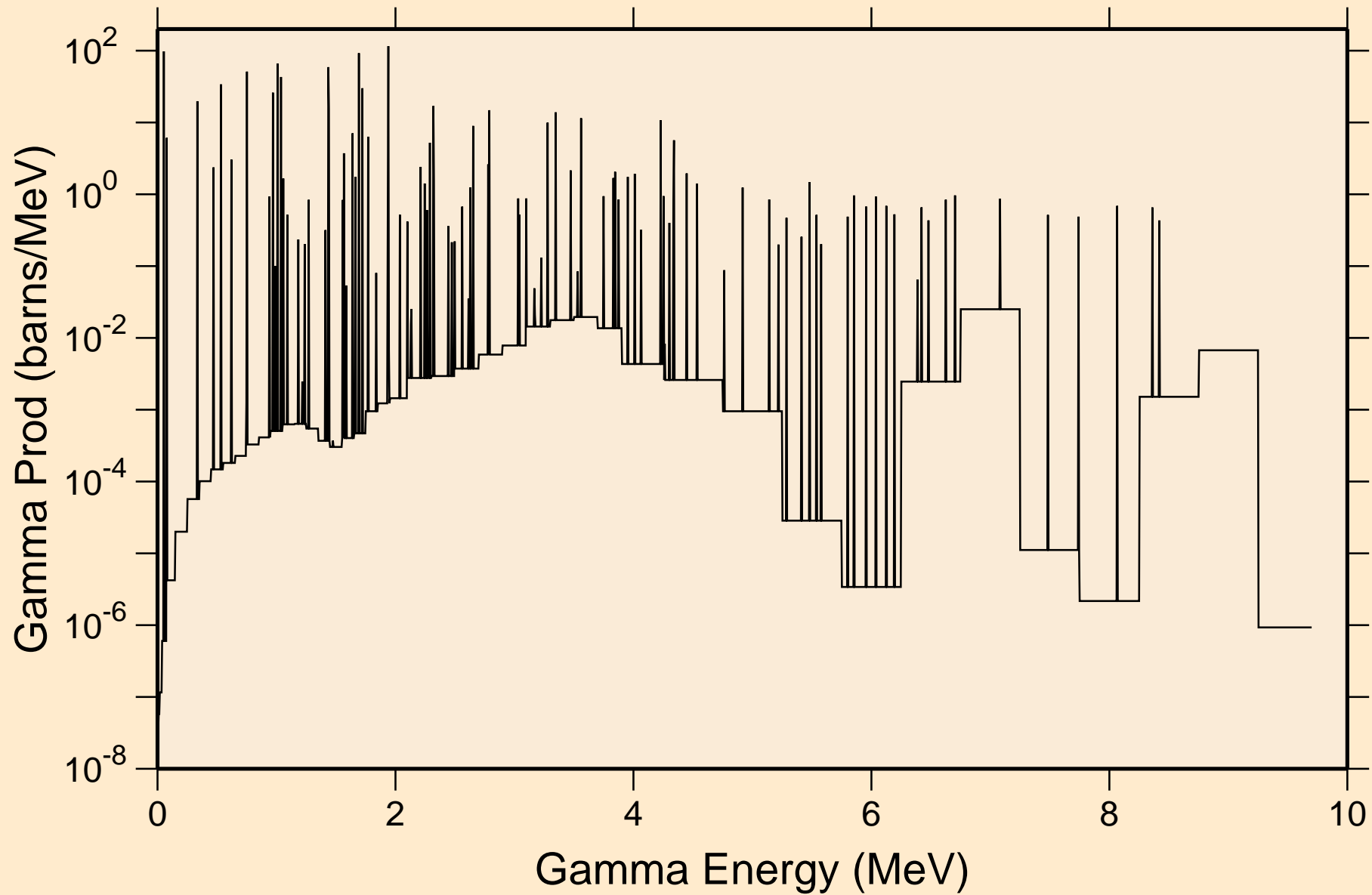
SI032 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



SI032 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

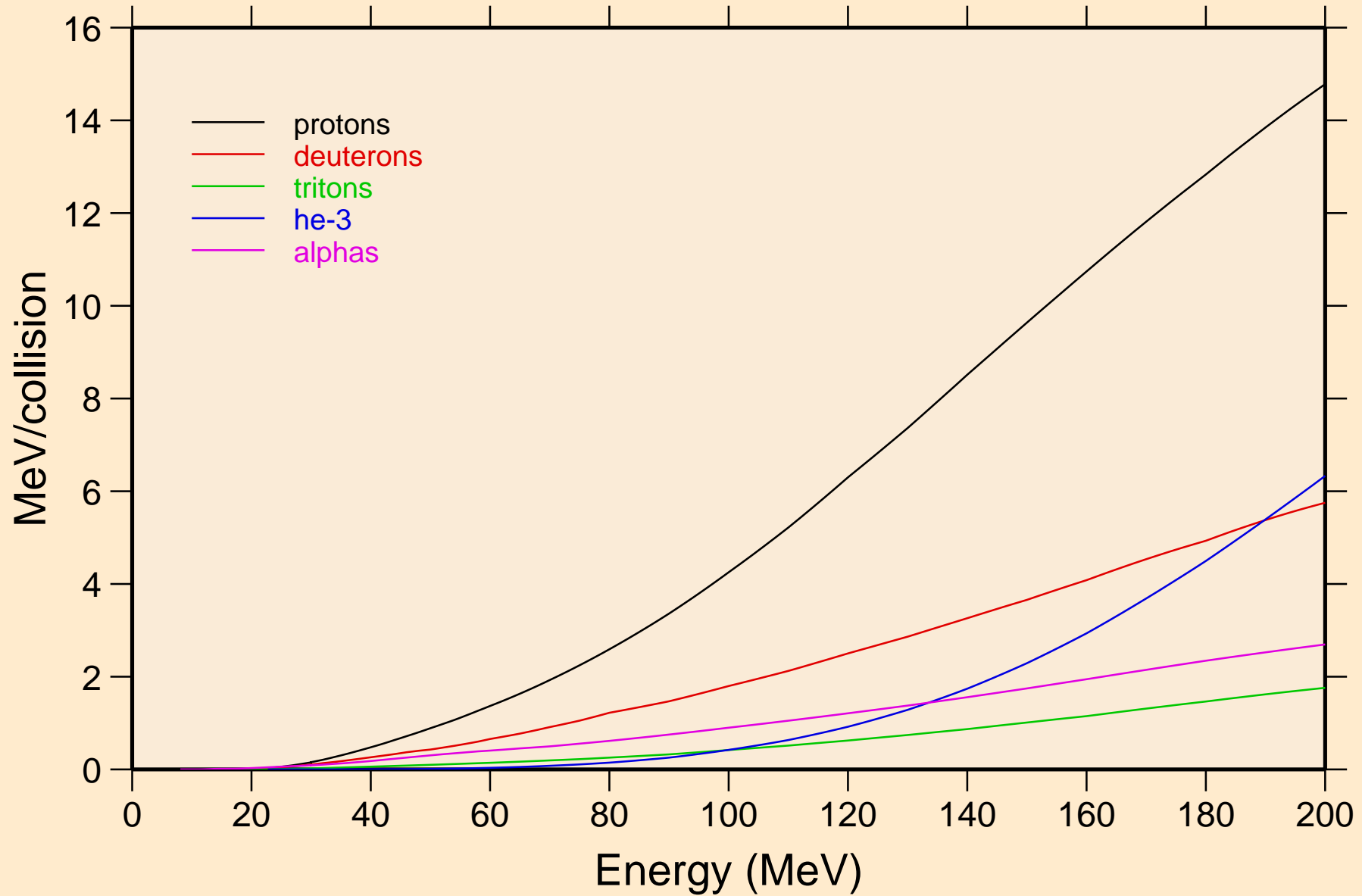


SI032 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



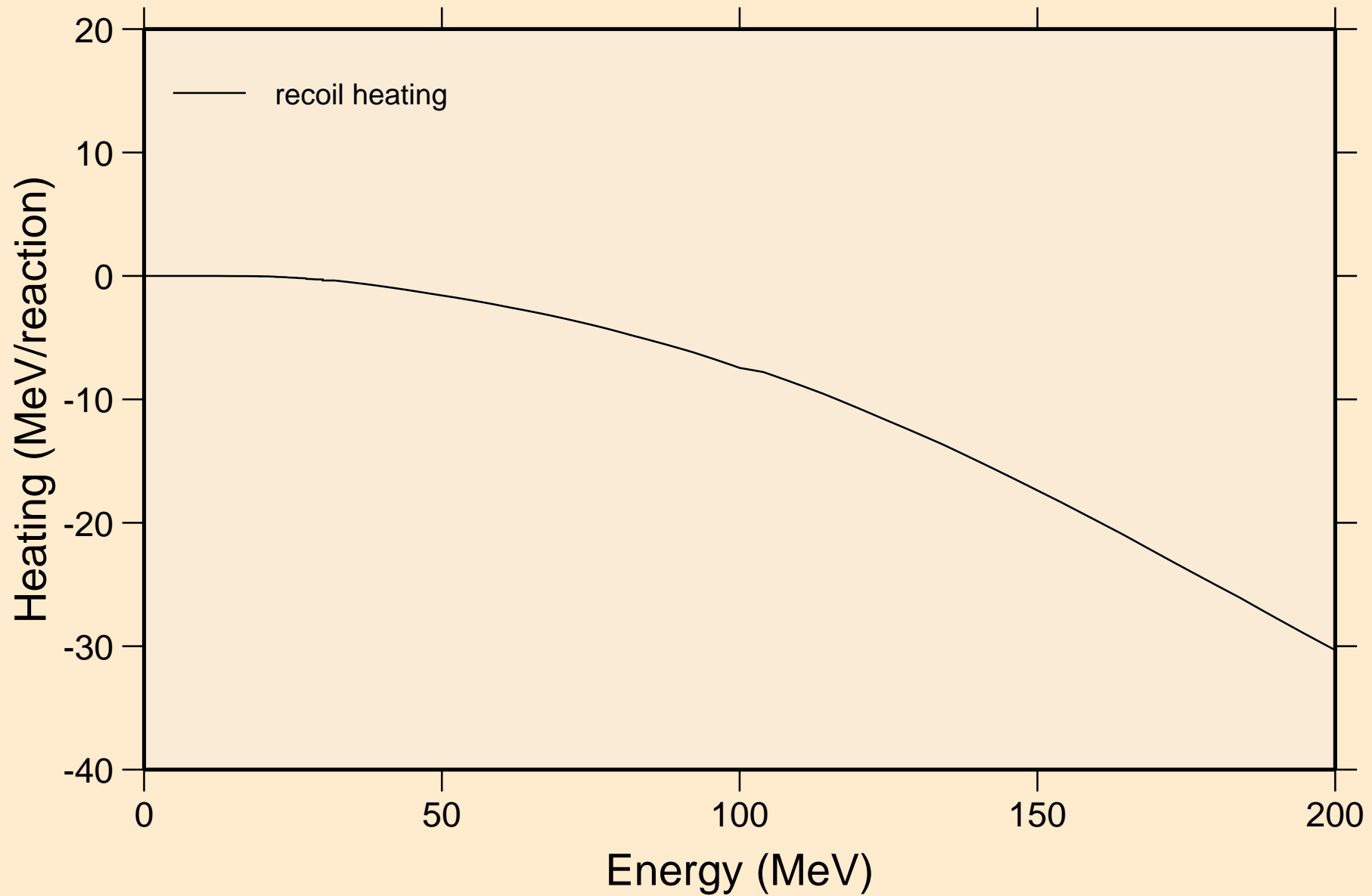
# SI032 NRG TENDL-2015, AKONING

## Particle heating contributions



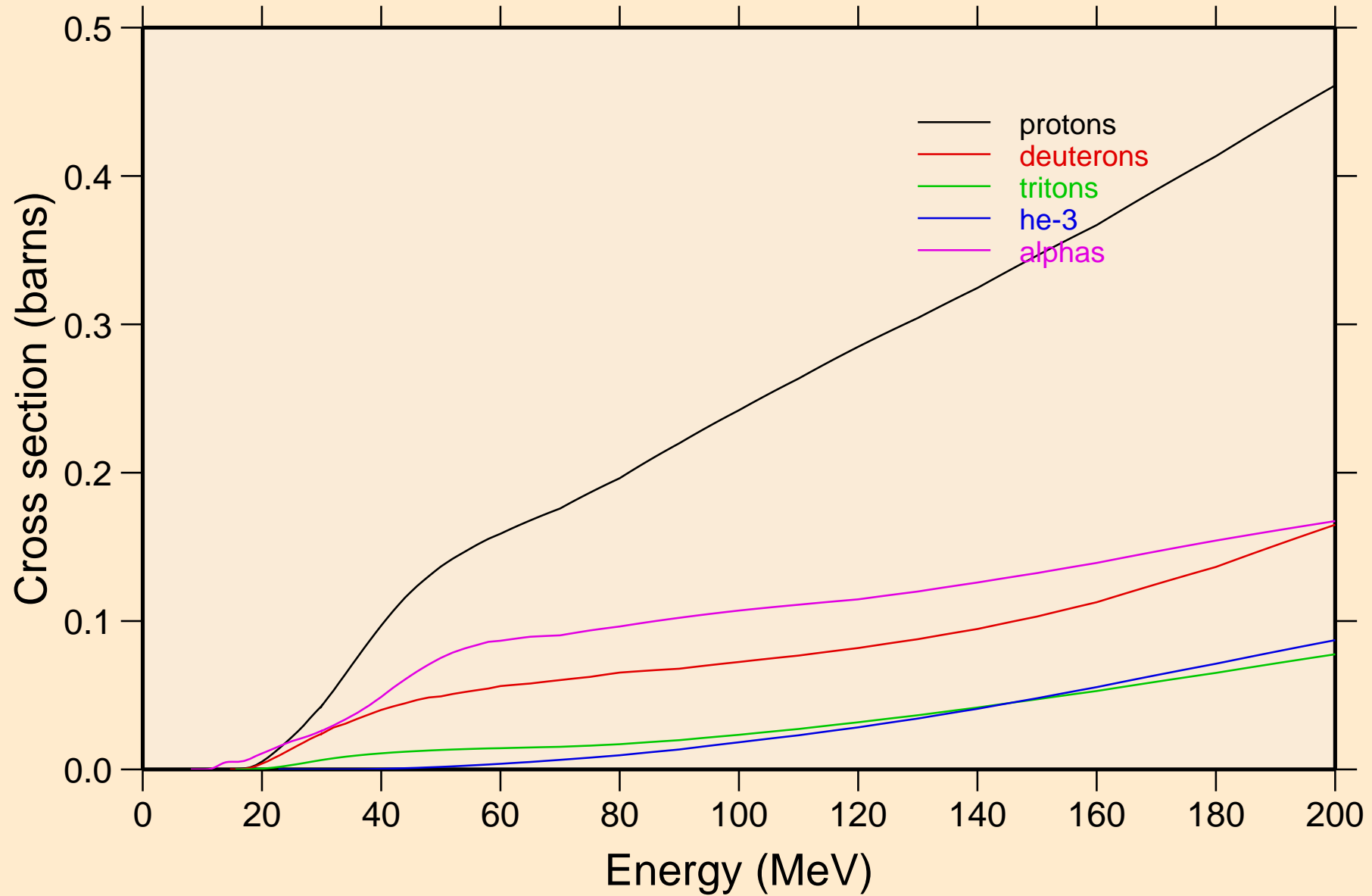
# SI032 NRG TENDL-2015, AKONING

## Recoil Heating



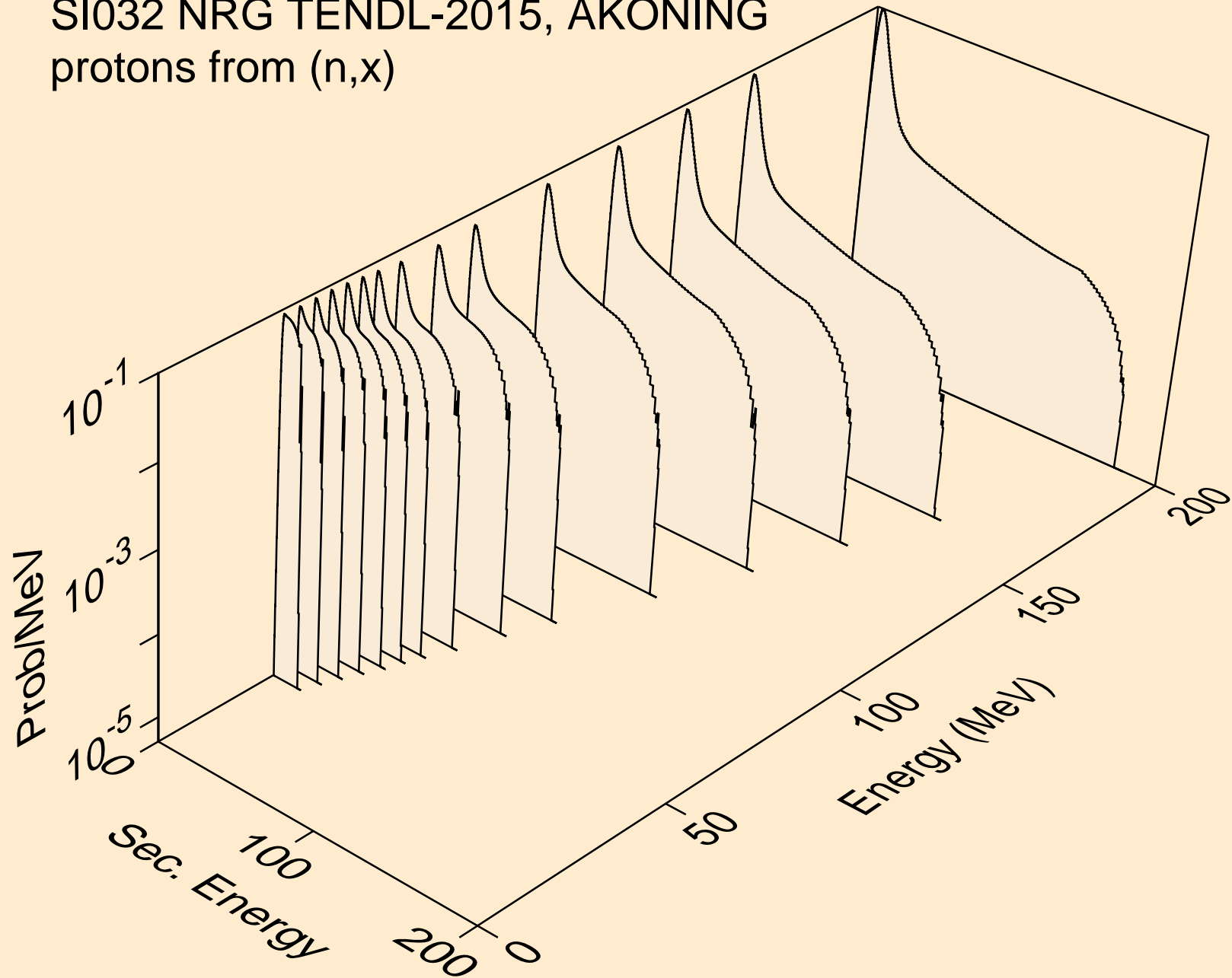
# SI032 NRG TENDL-2015, AKONING

## Particle production cross sections

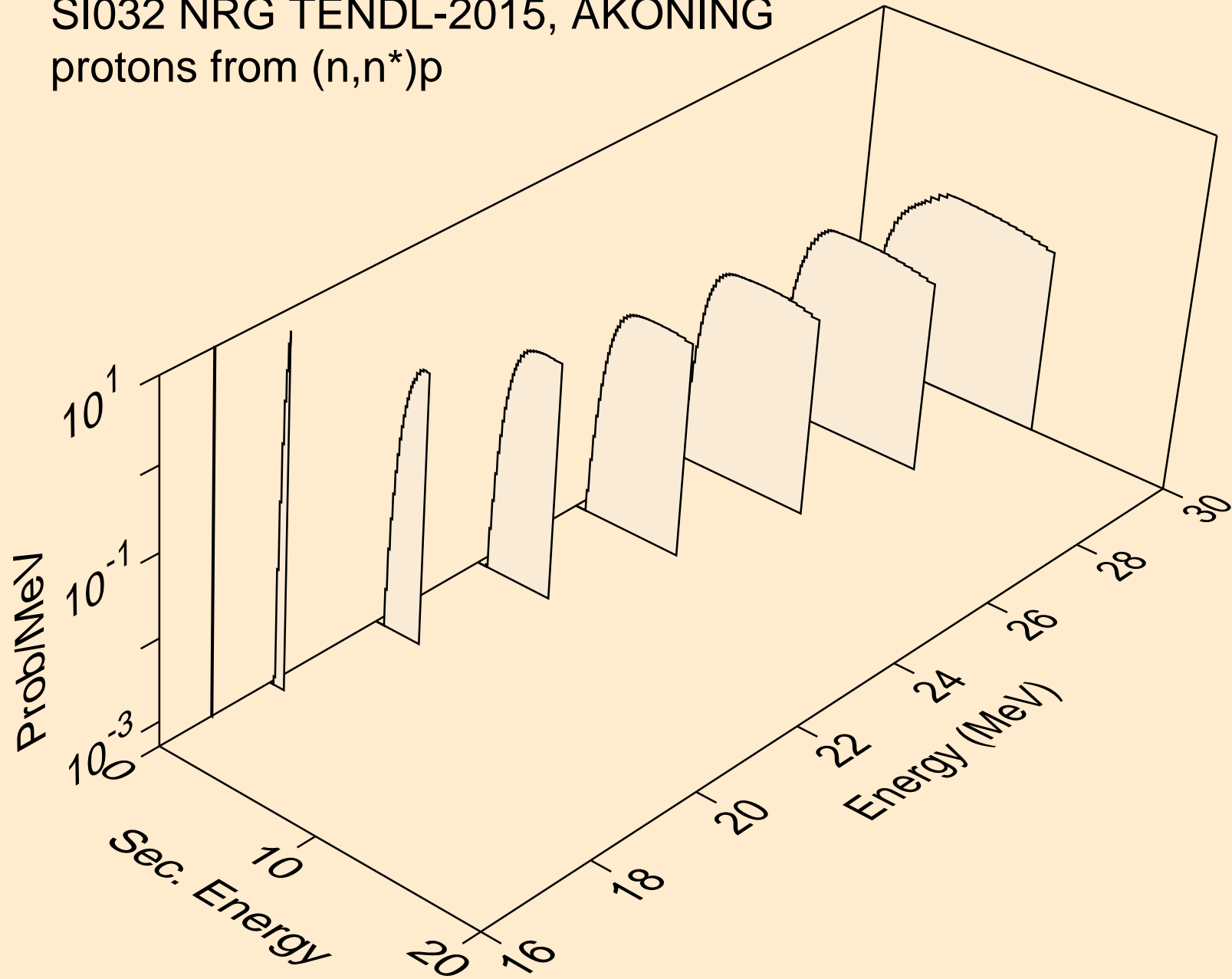




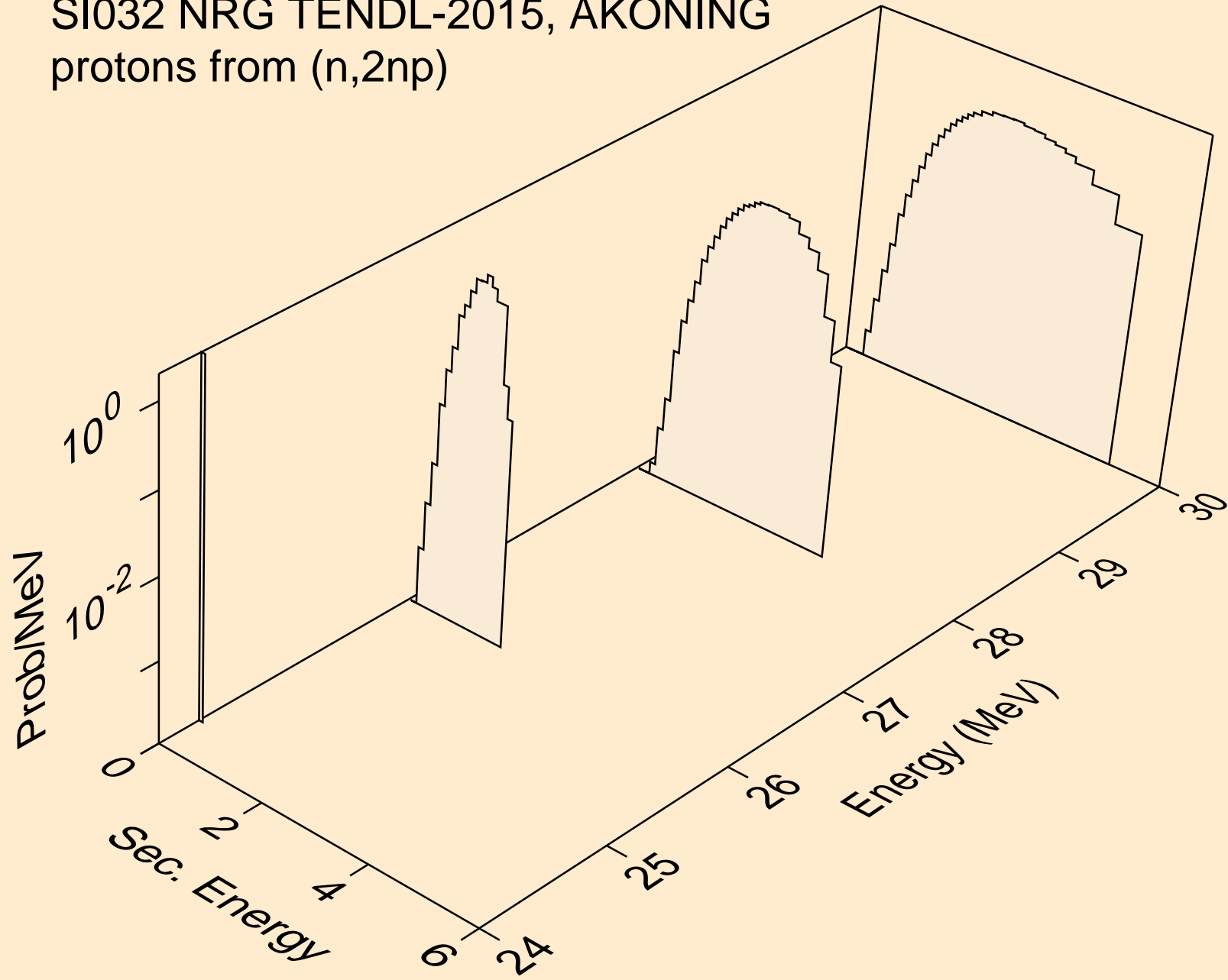
SI032 NRG TENDL-2015, AKONING  
protons from (n,x)



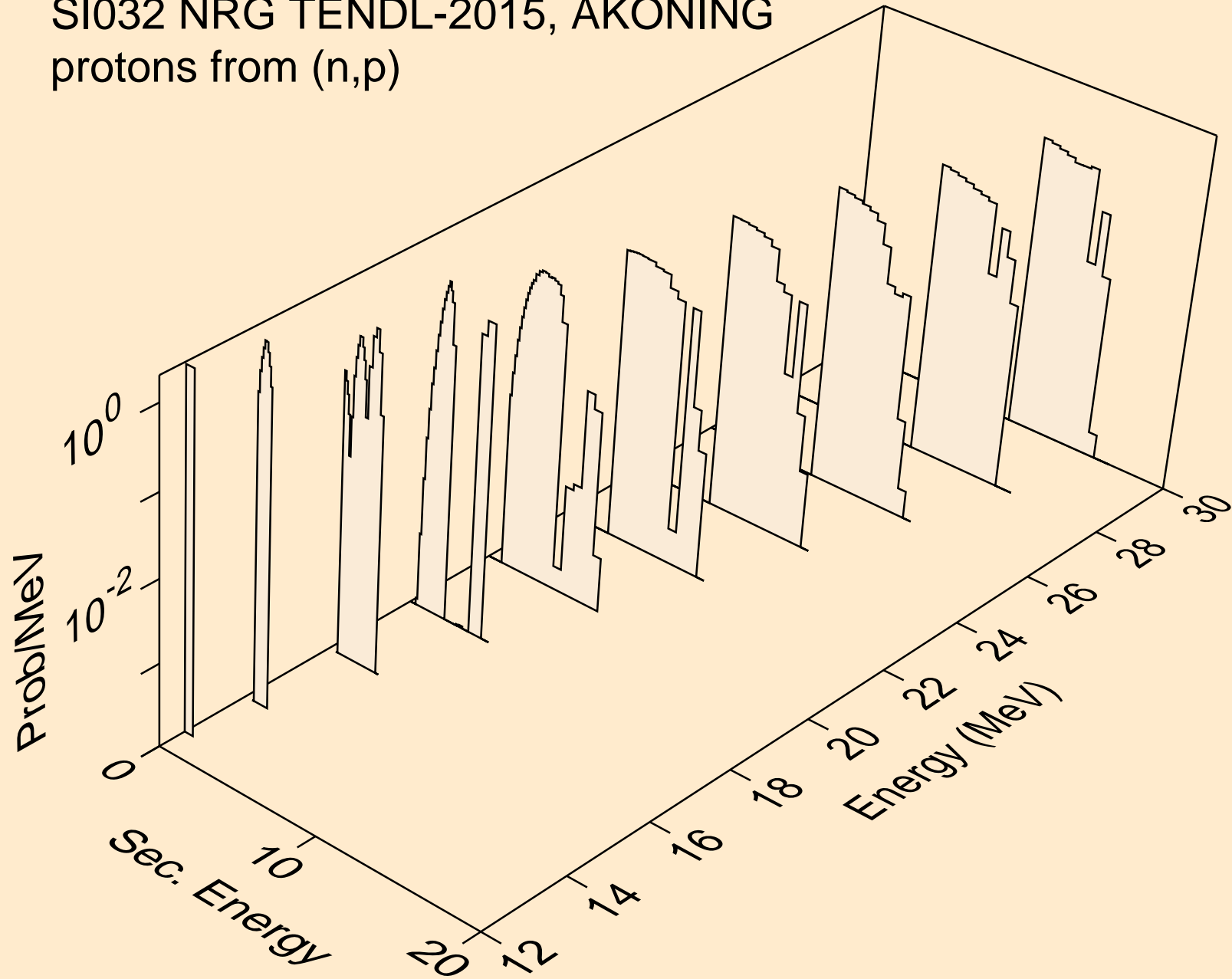
SI032 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



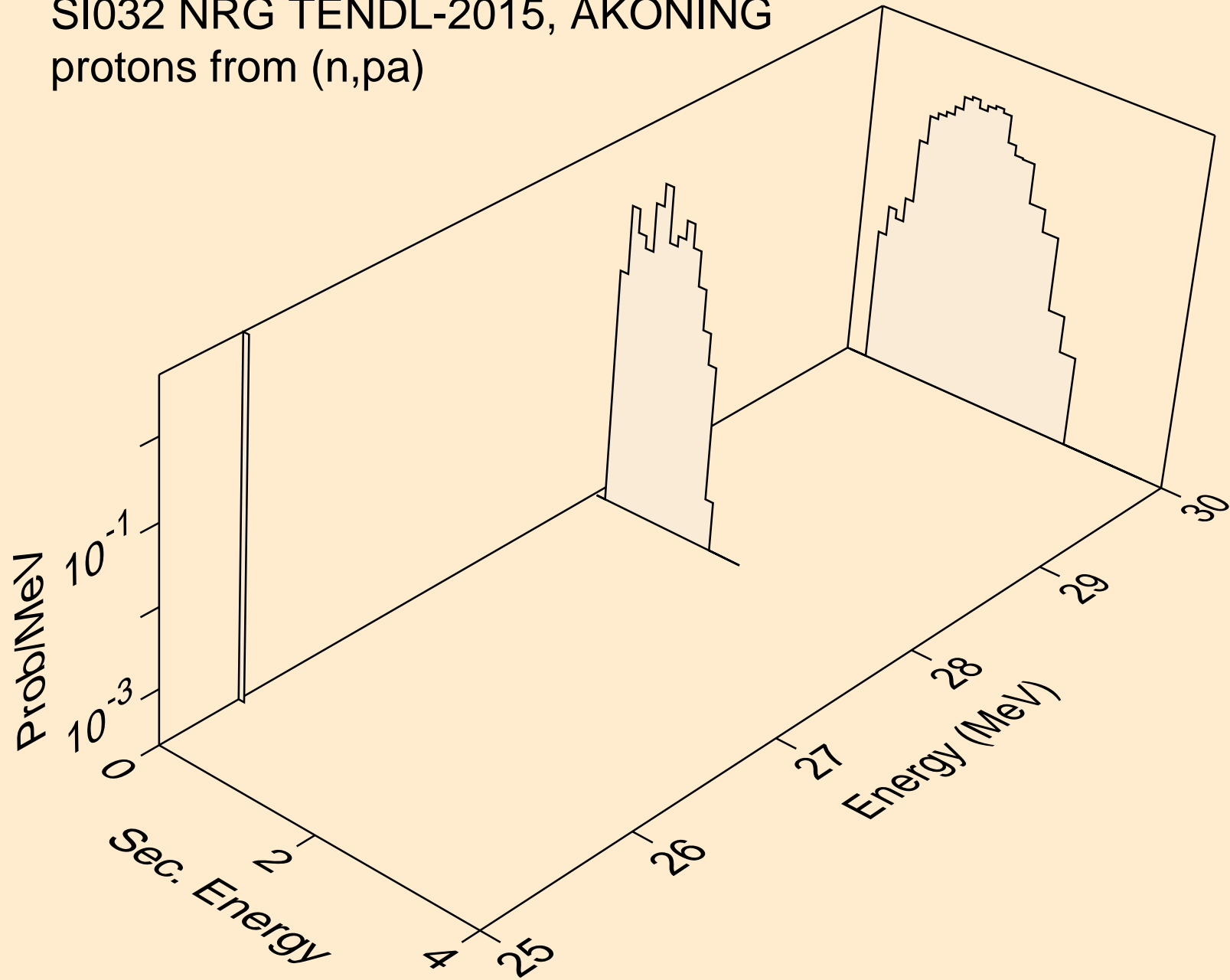
SI032 NRG TENDL-2015, AKONING  
protons from (n,2np)



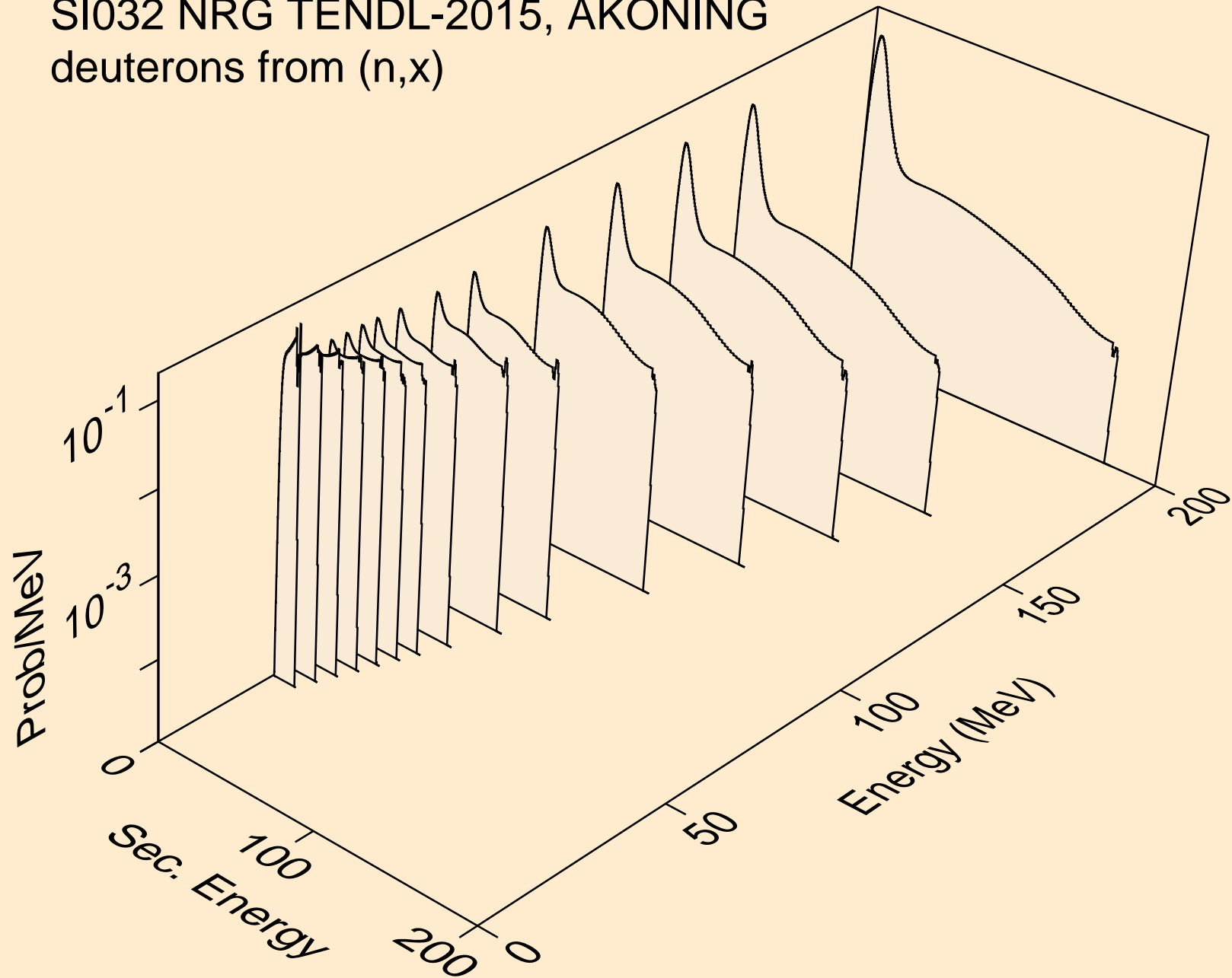
SI032 NRG TENDL-2015, AKONING  
protons from (n,p)



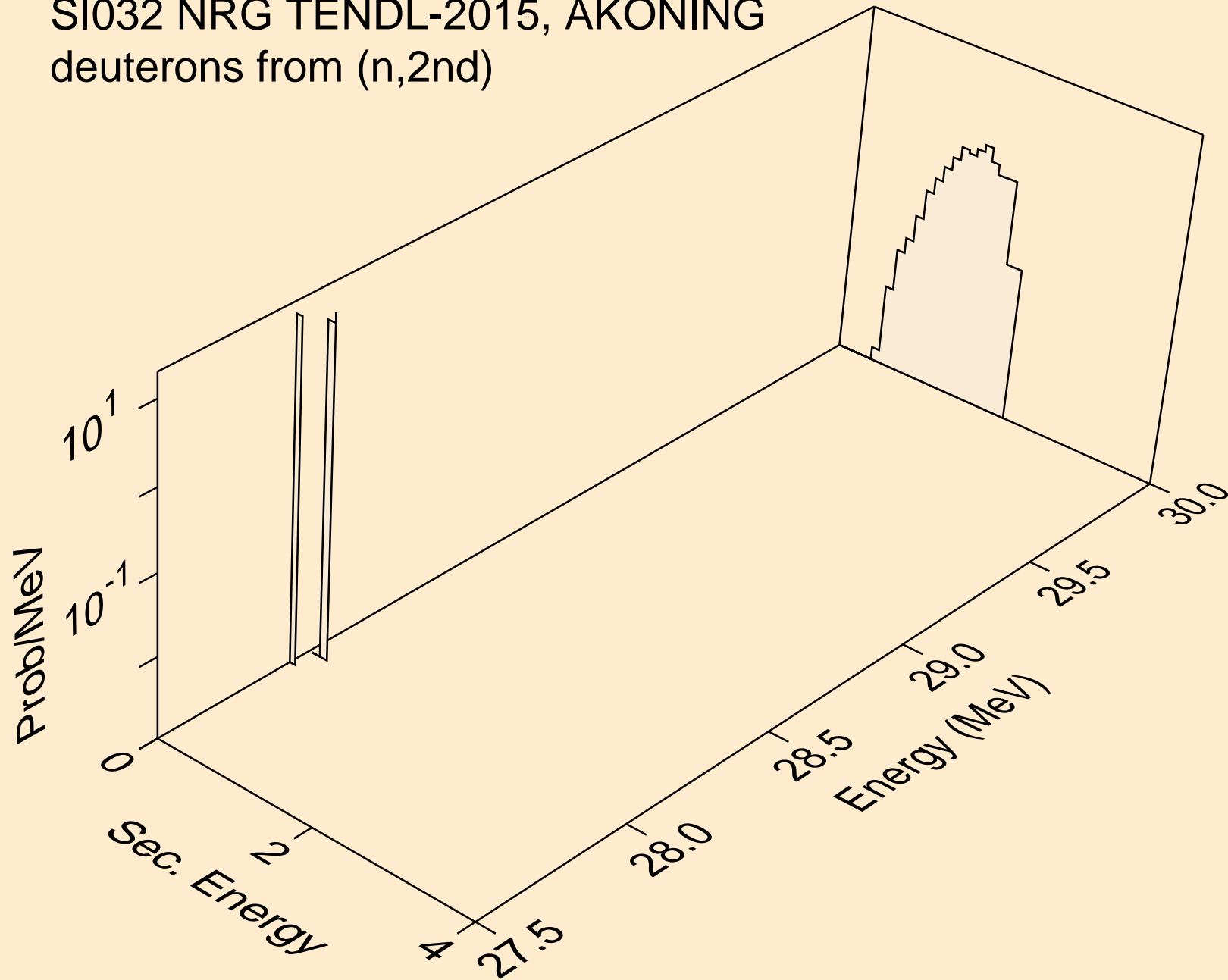
SI032 NRG TENDL-2015, AKONING  
protons from (n,pa)



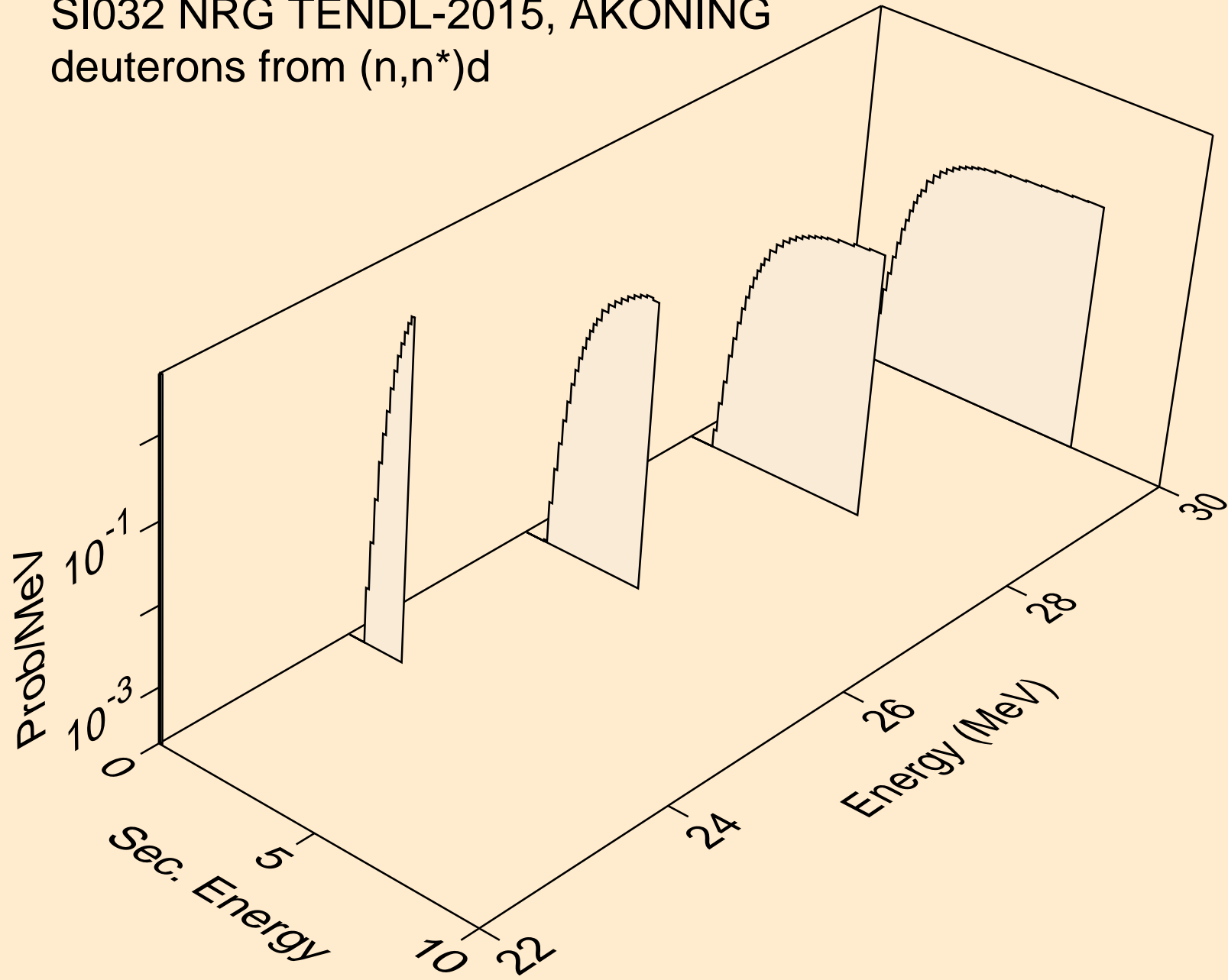
SI032 NRG TENDL-2015, AKONING  
deuterons from (n,x)



SI032 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

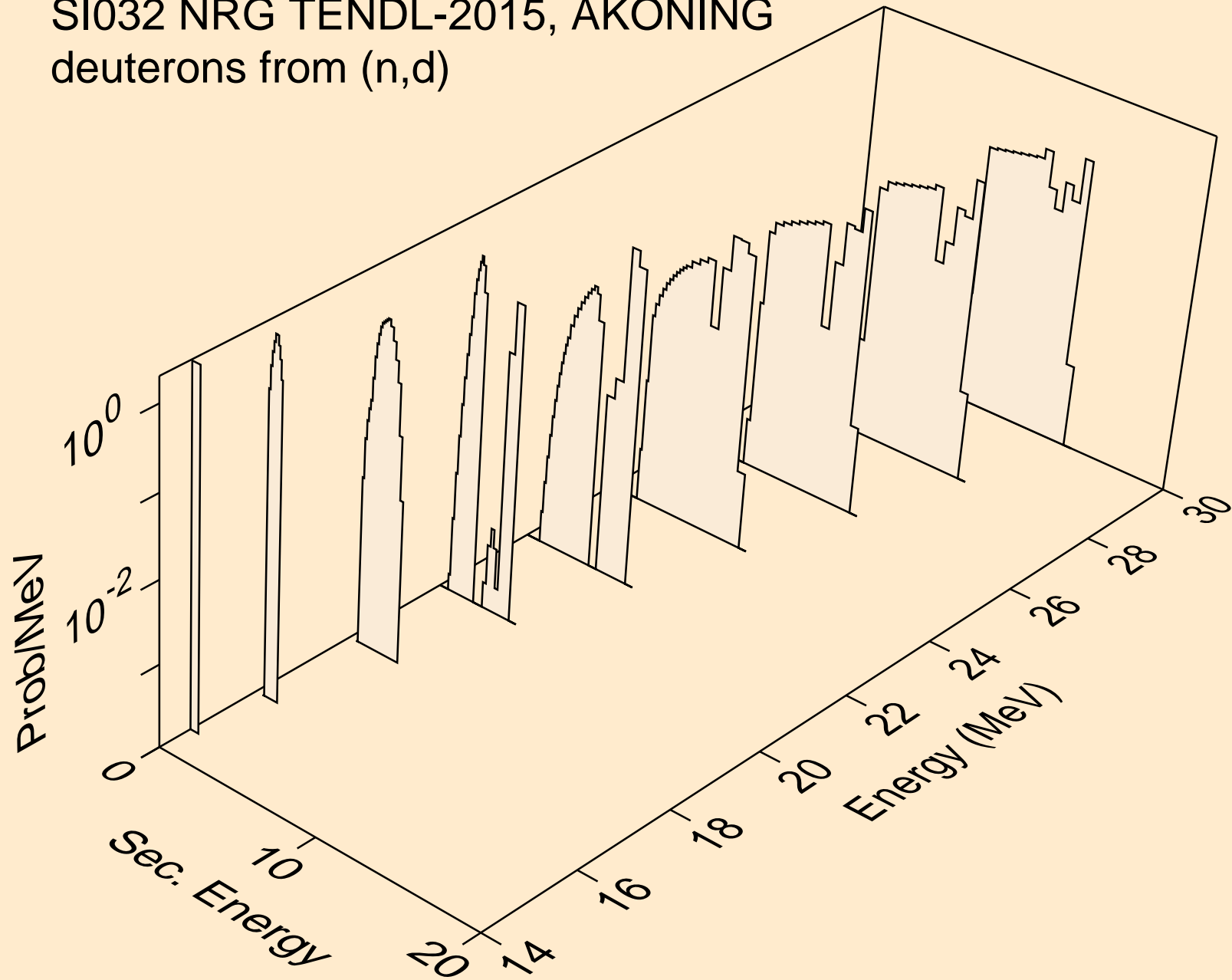


SI032 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

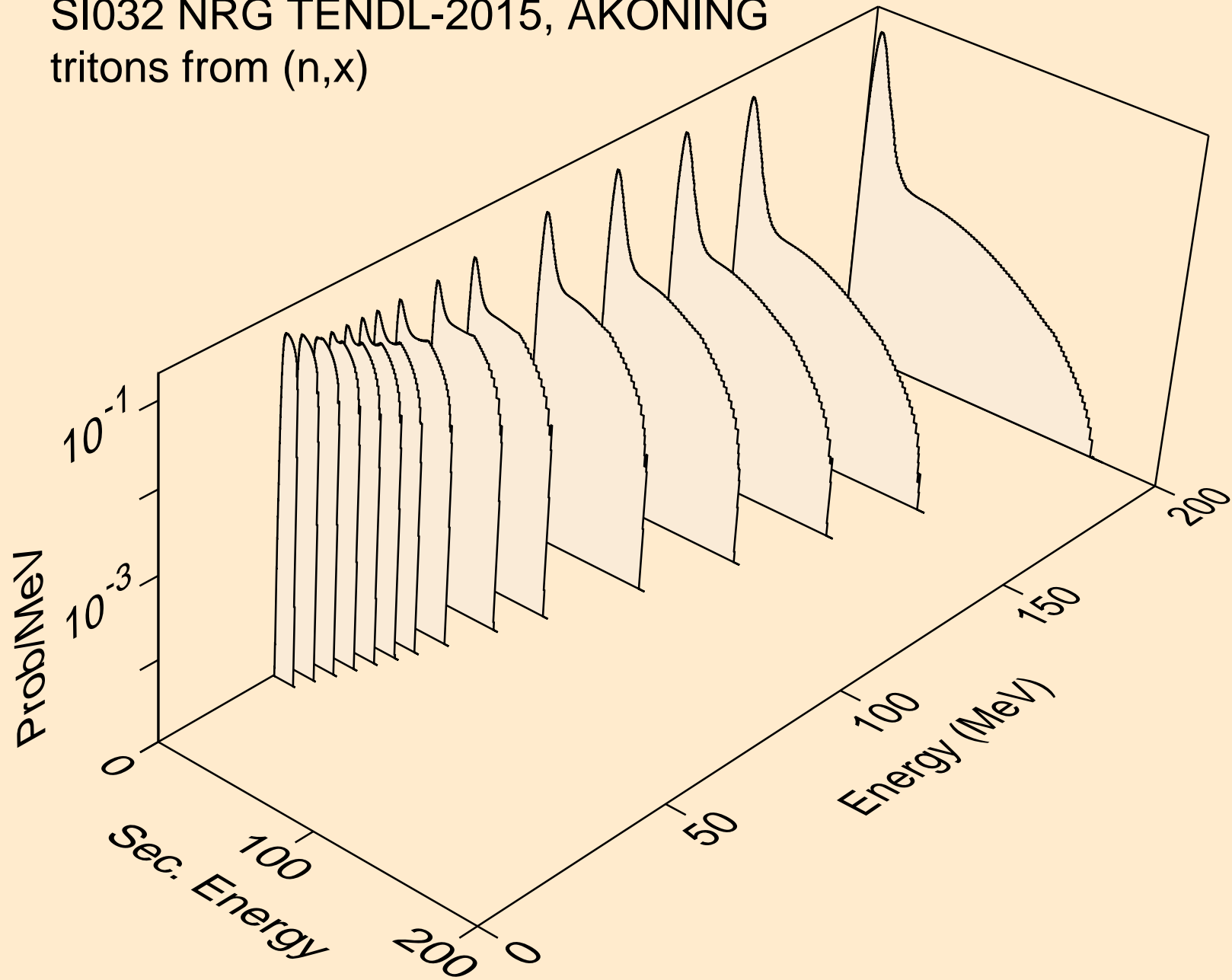




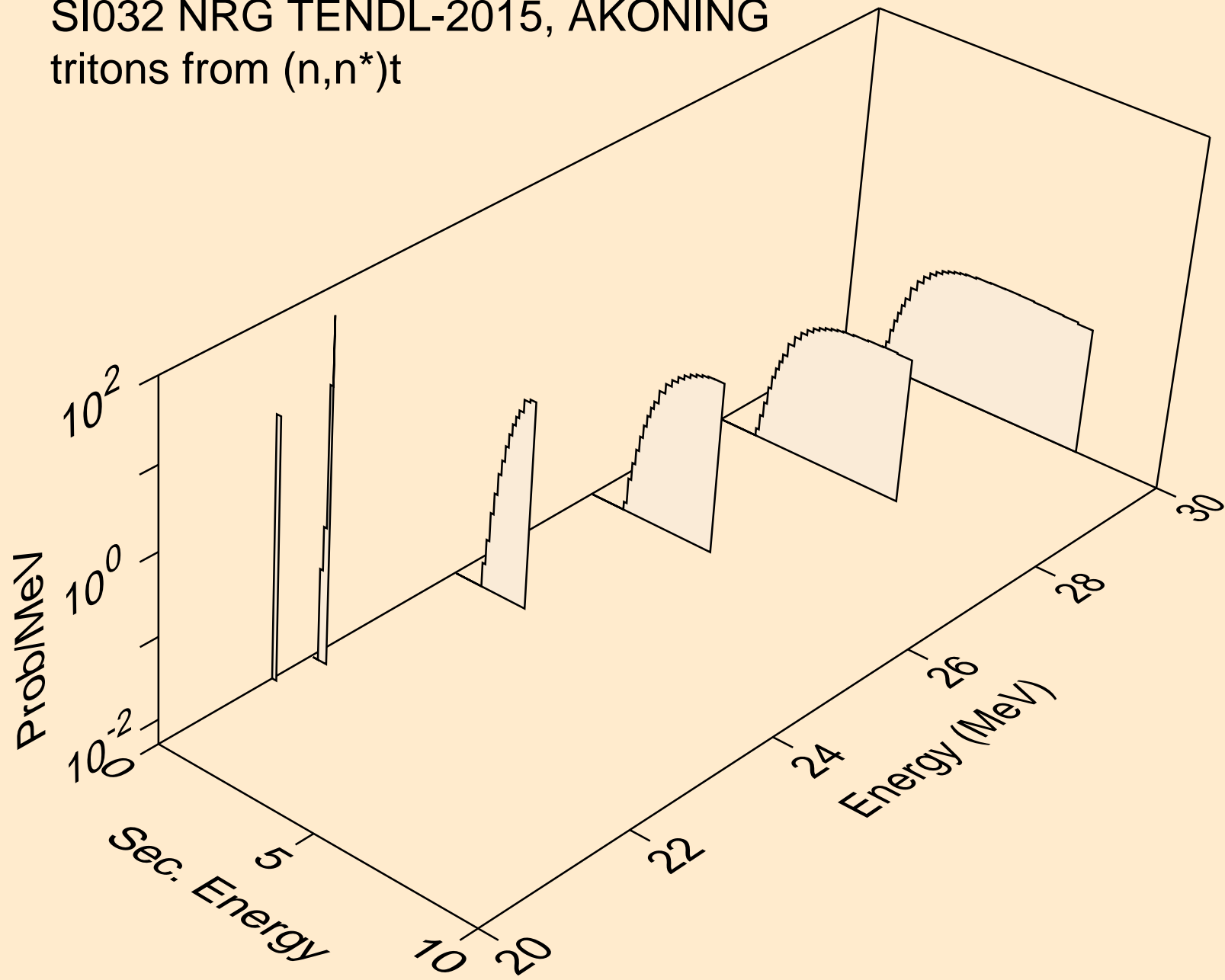
SI032 NRG TENDL-2015, AKONING  
deuterons from (n,d)



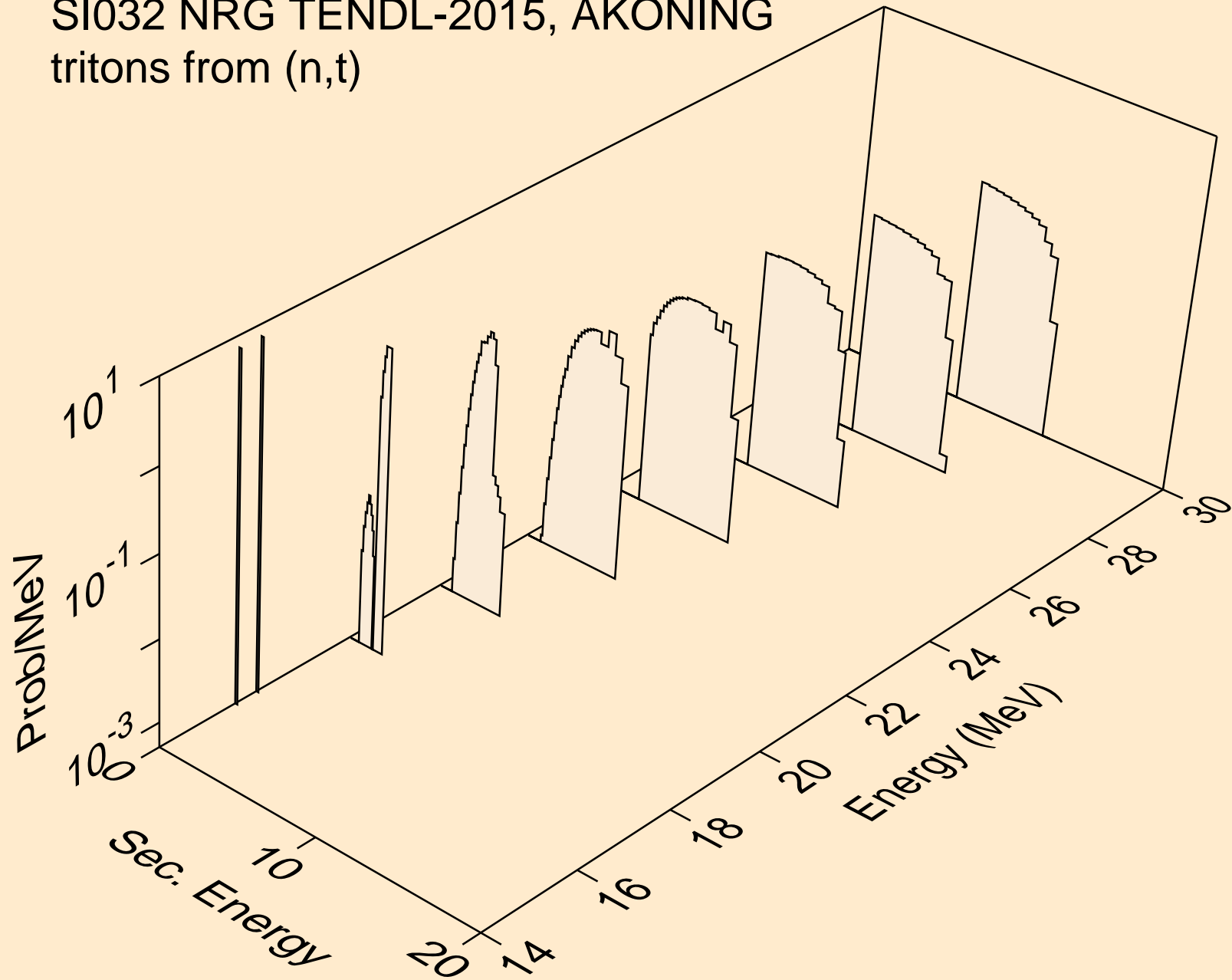
SI032 NRG TENDL-2015, AKONING  
tritons from (n,x)



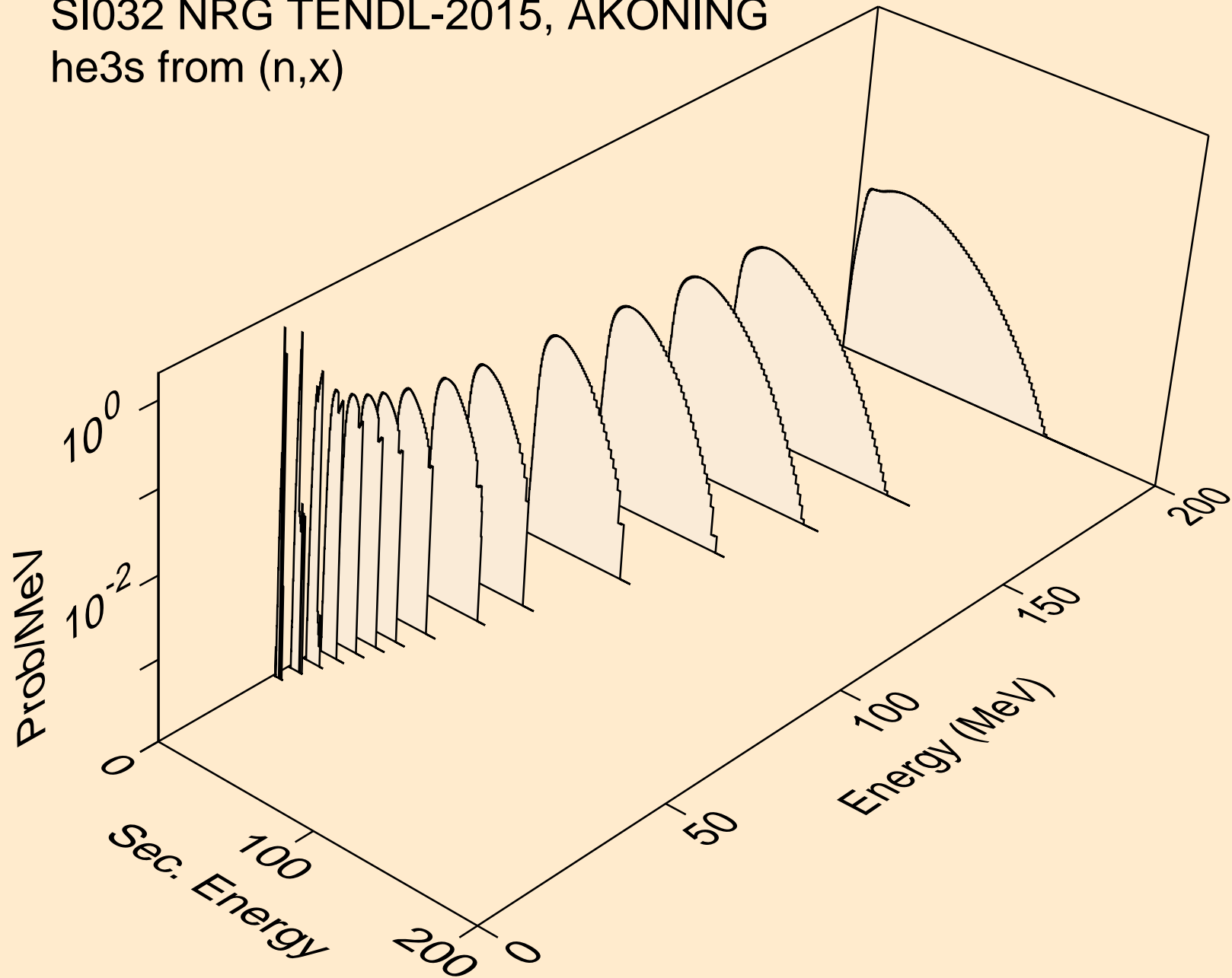
SI032 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



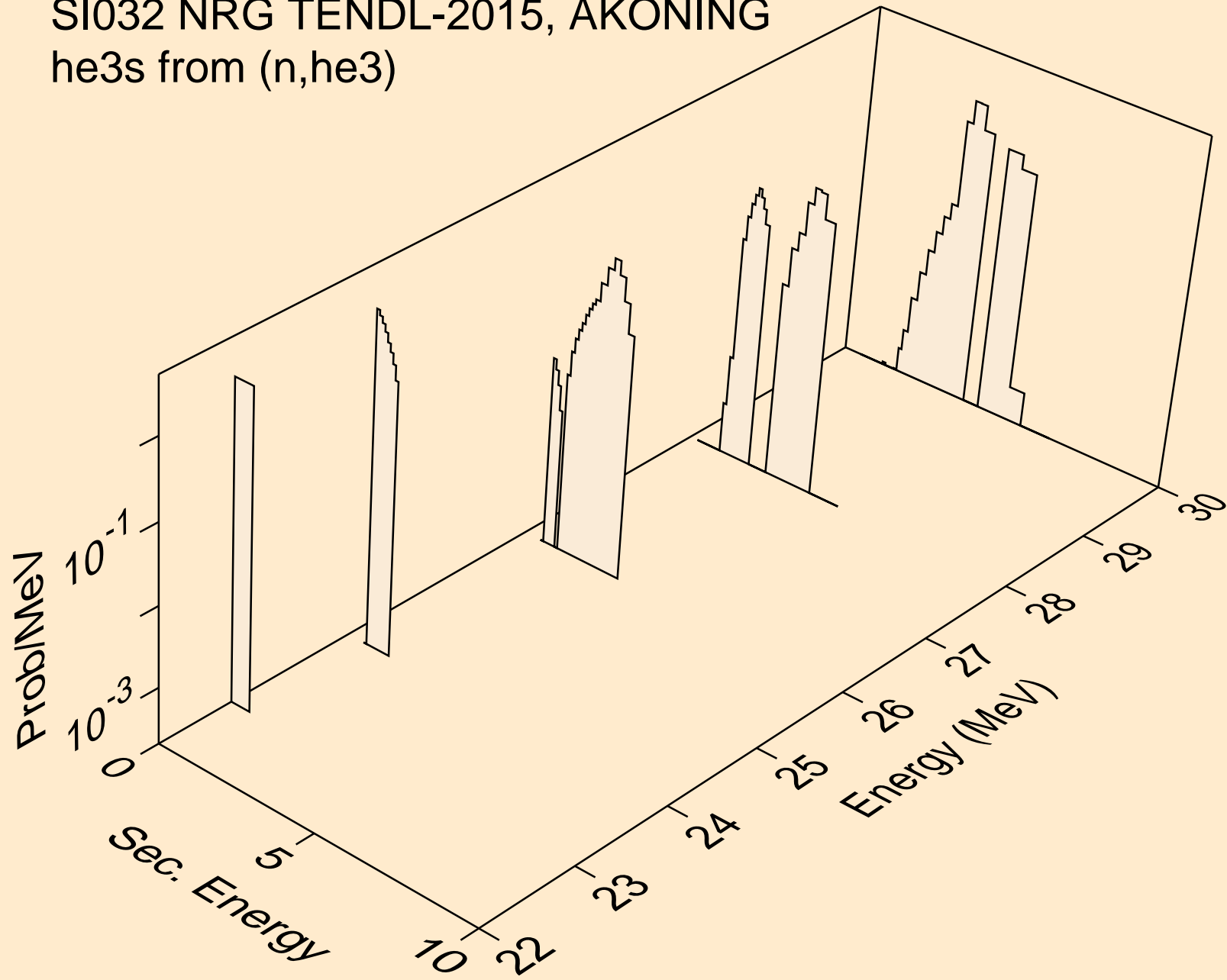
SI032 NRG TENDL-2015, AKONING  
tritons from (n,t)



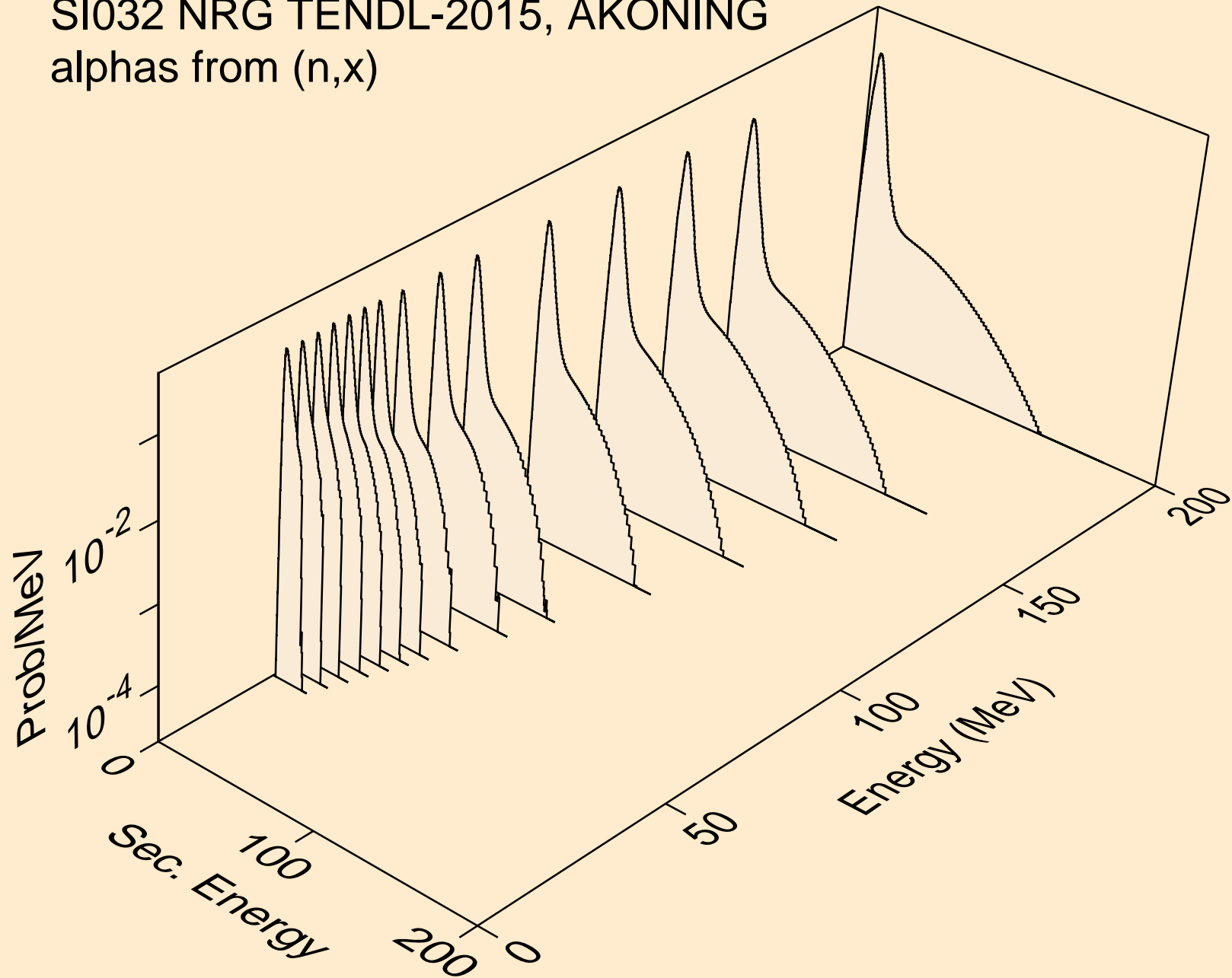
SI032 NRG TENDL-2015, AKONING  
he3s from (n,x)



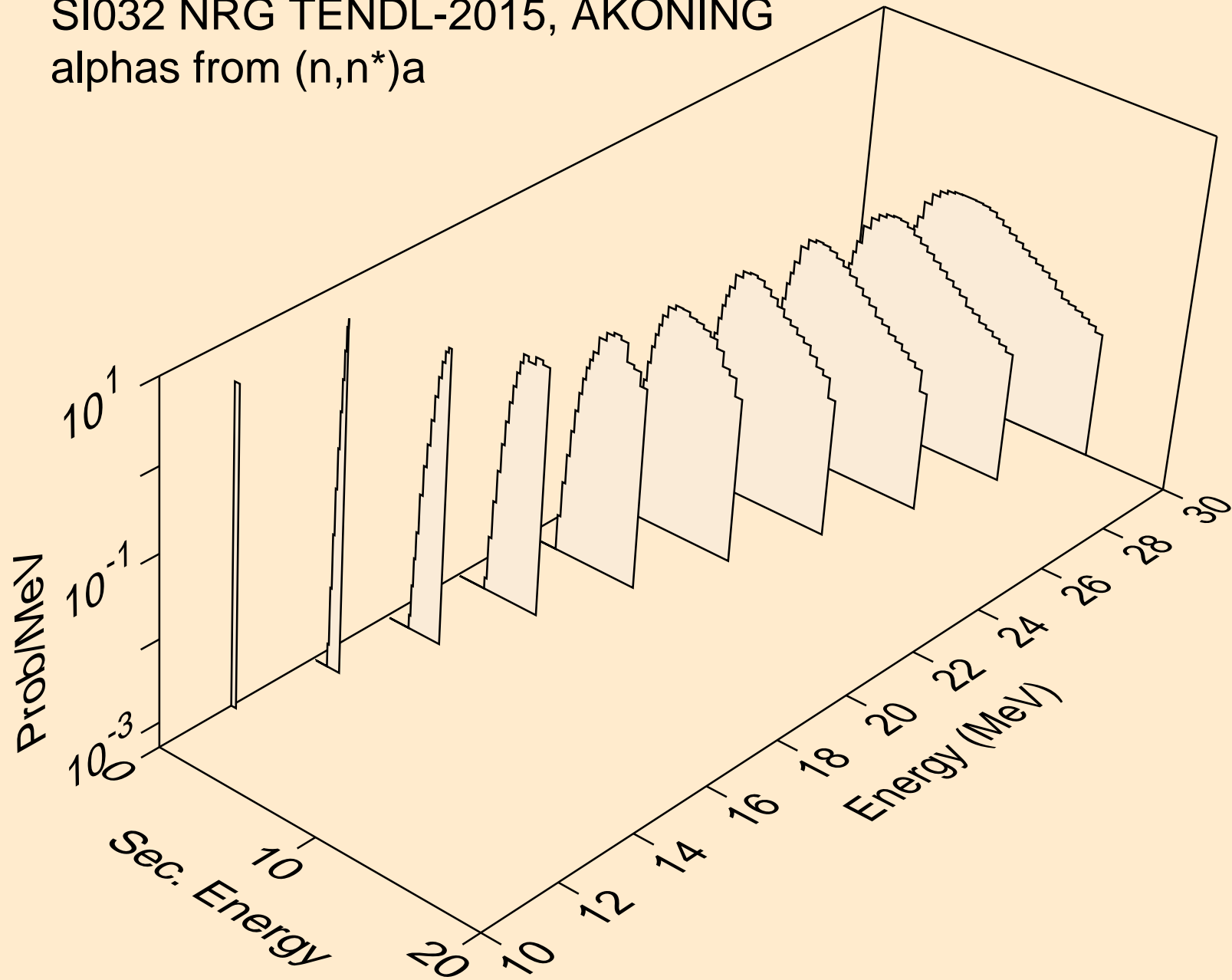
SI032 NRG TENDL-2015, AKONING  
he3s from (n,he3)



SI032 NRG TENDL-2015, AKONING  
alphas from (n,x)

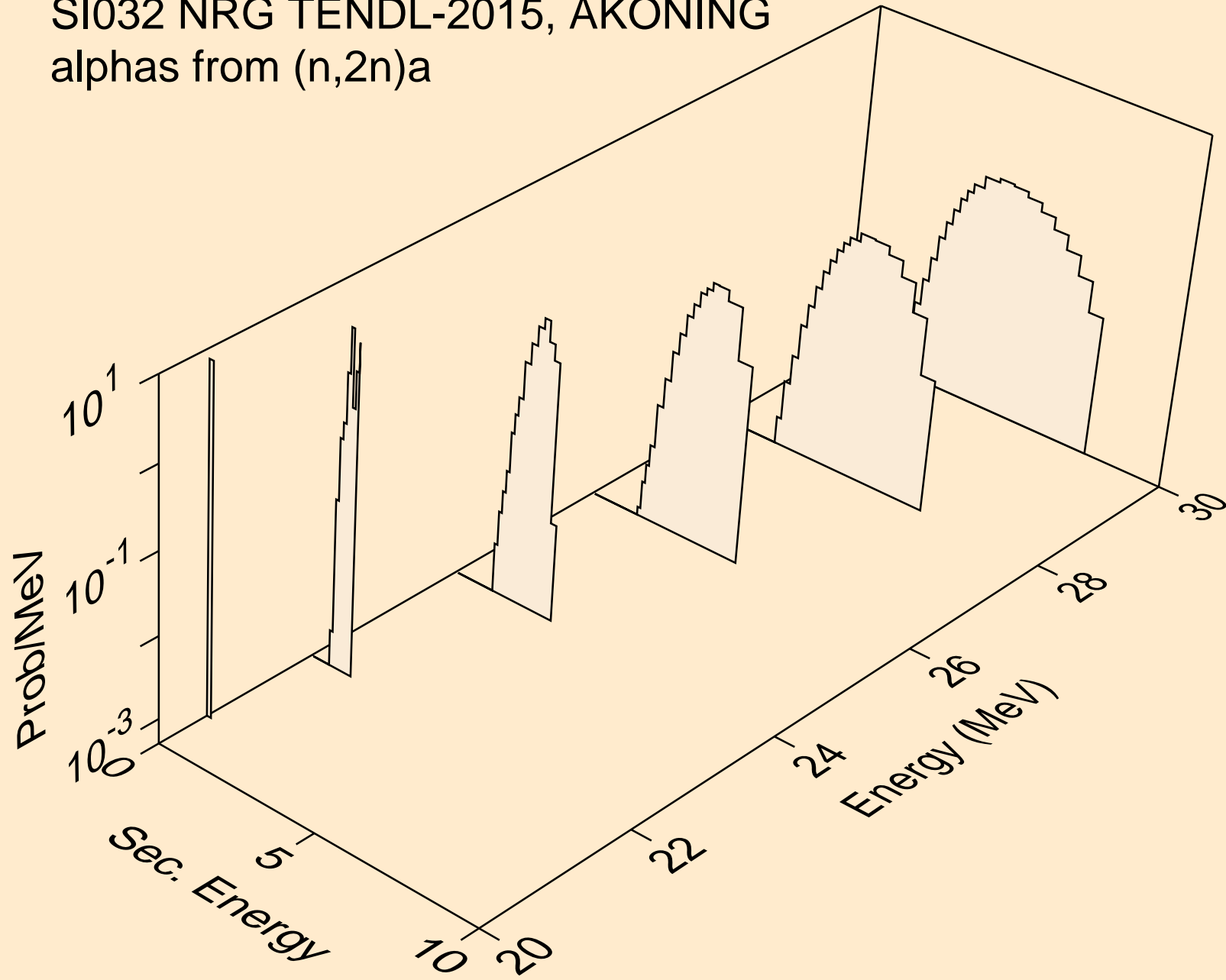


SI032 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

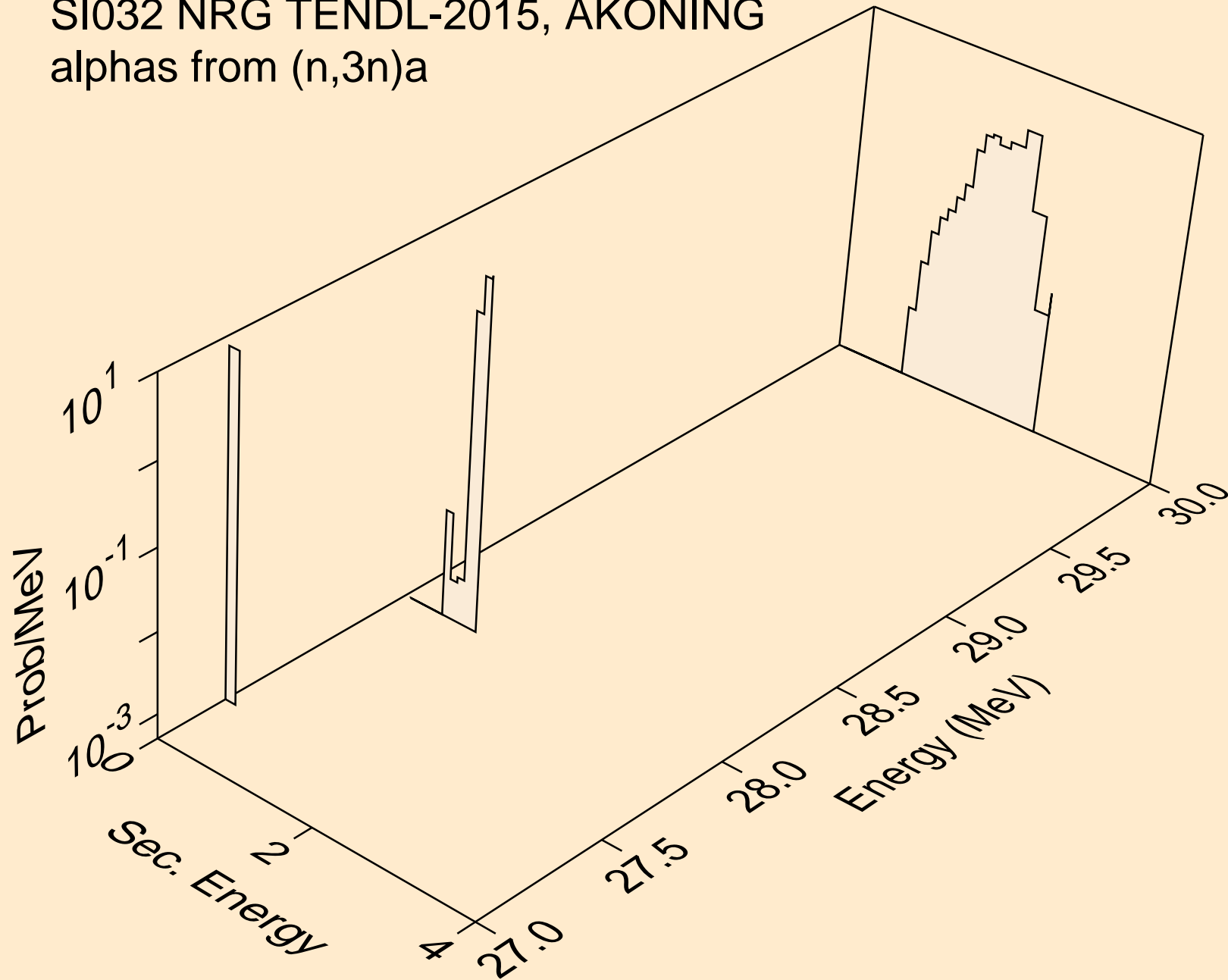




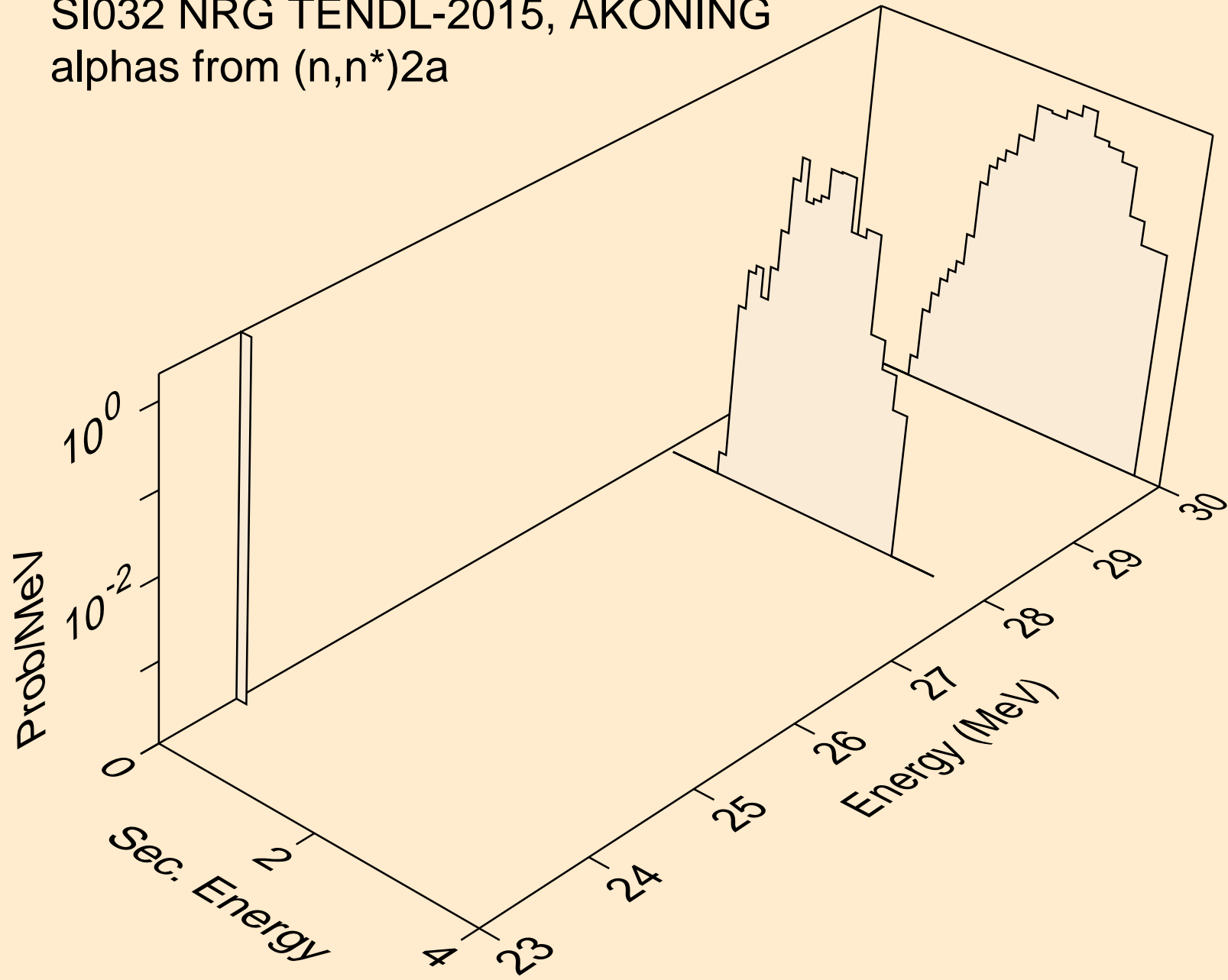
SI032 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



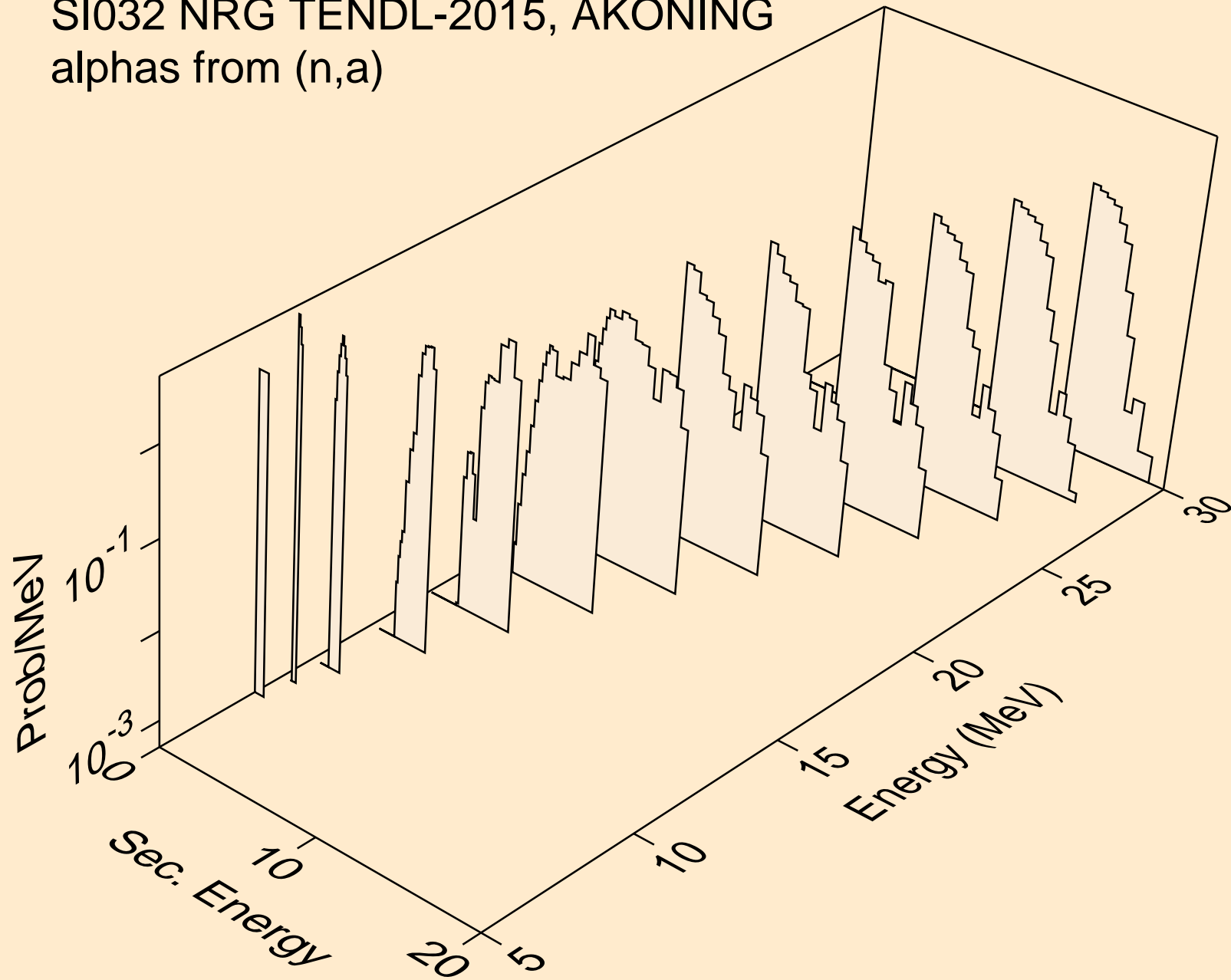
SI032 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



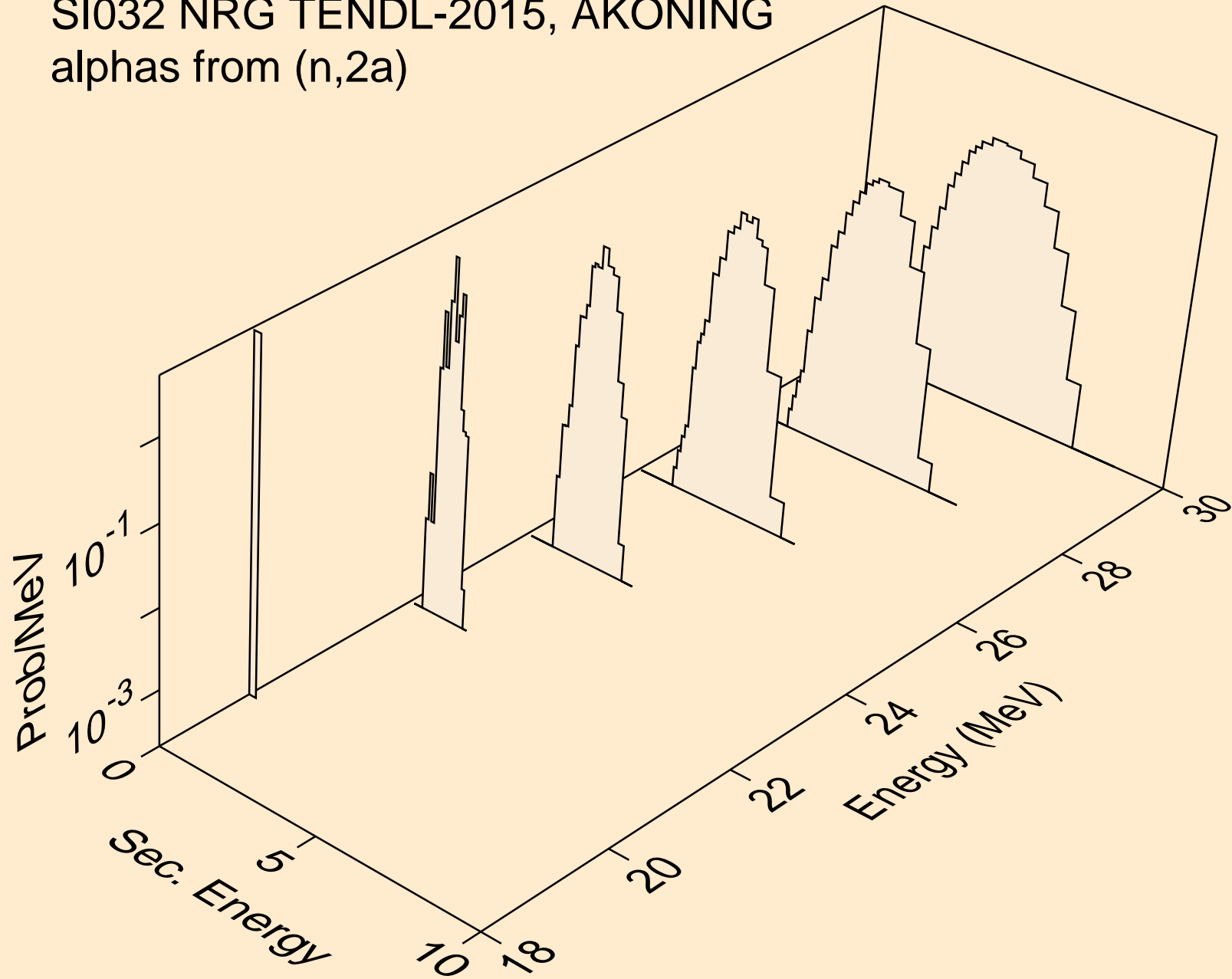
SI032 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



SI032 NRG TENDL-2015, AKONING  
alphas from (n,a)



SI032 NRG TENDL-2015, AKONING  
alphas from (n,2a)



SI032 NRG TENDL-2015, AKONING  
alphas from (n,pa)

