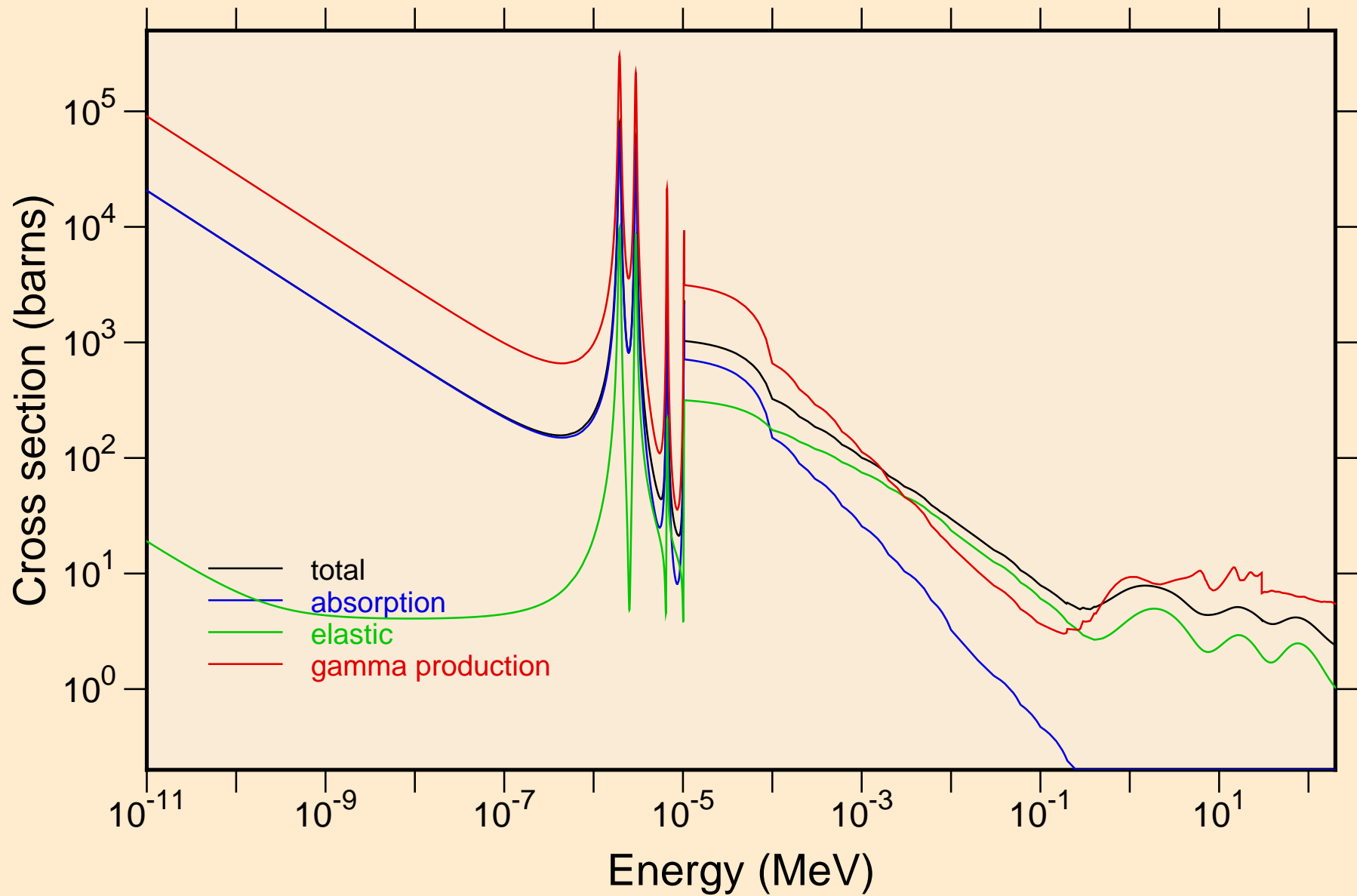


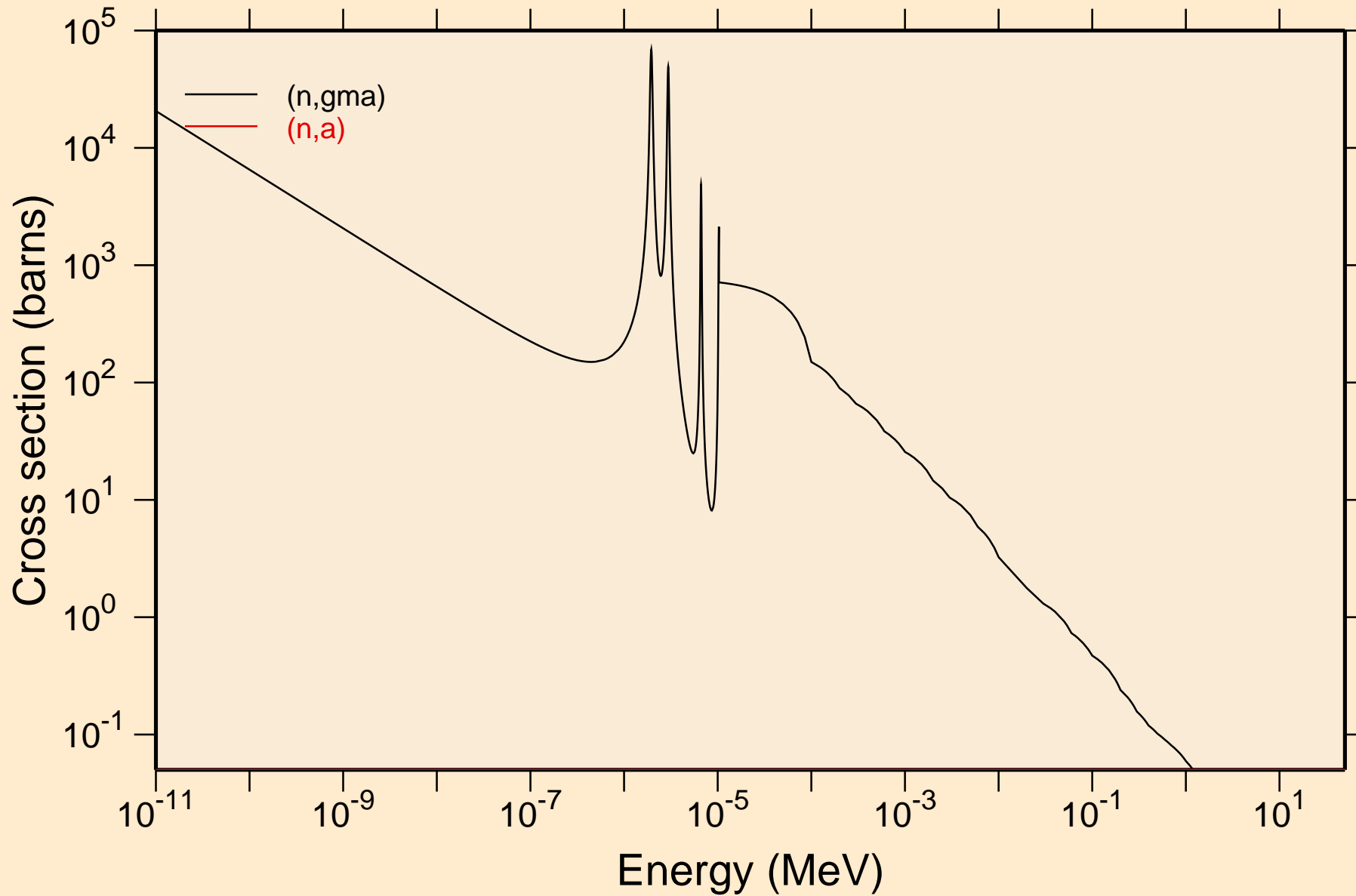
# SM153 NRG TENDL-2015, AKONING

## Principal cross sections



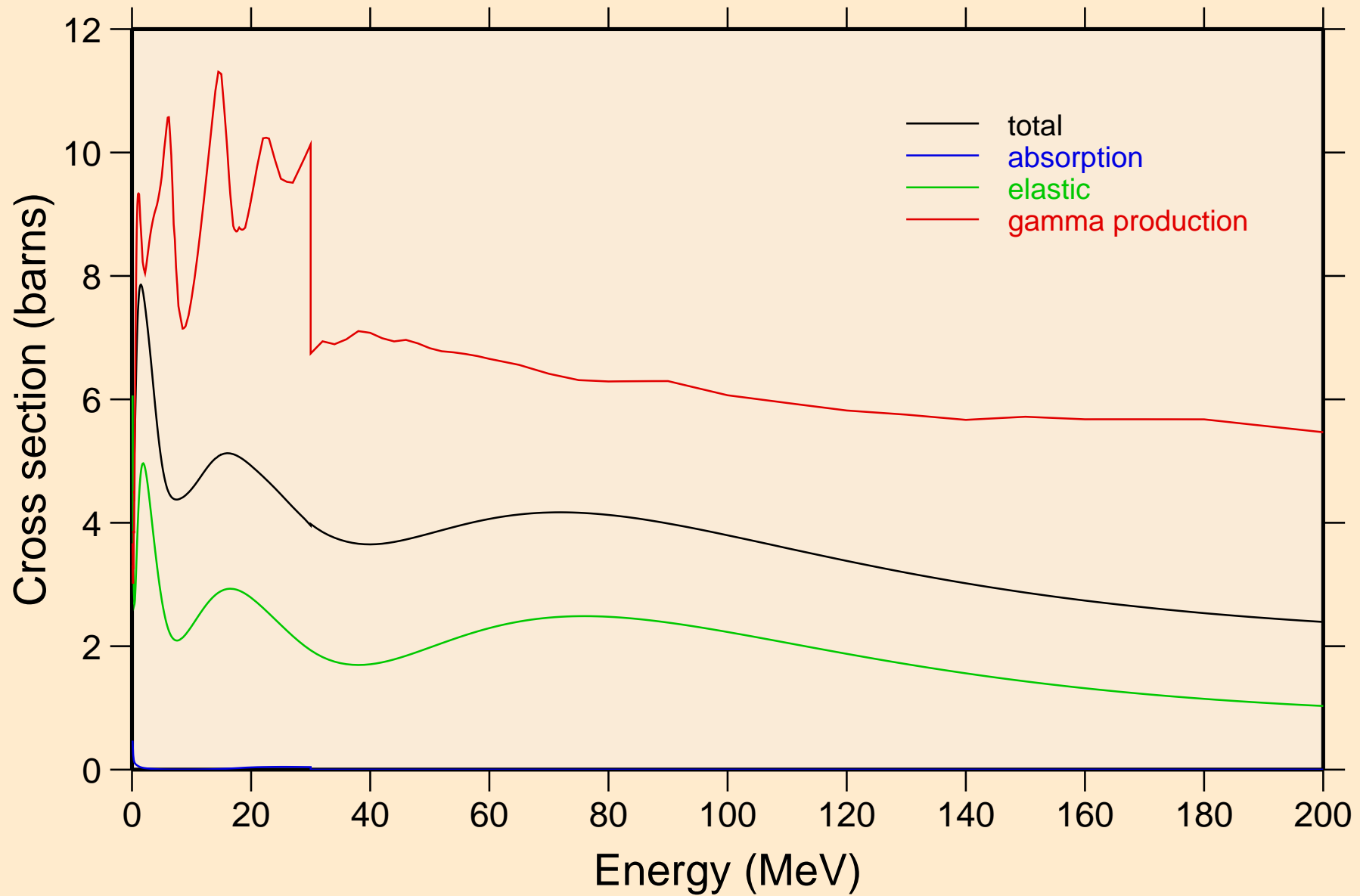
# SM153 NRG TENDL-2015, AKONING

## Non-threshold reactions



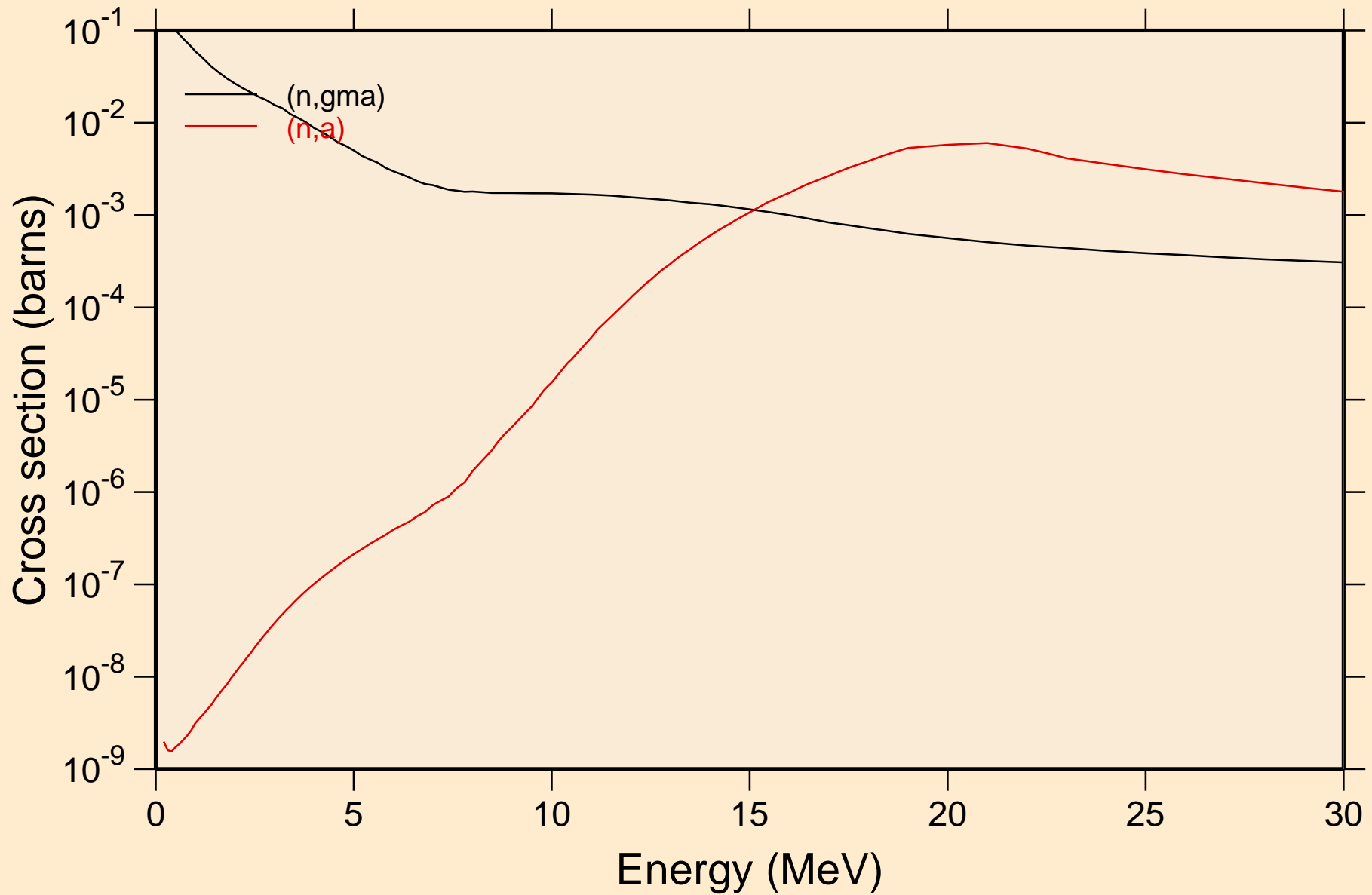
# SM153 NRG TENDL-2015, AKONING

## Principal cross sections



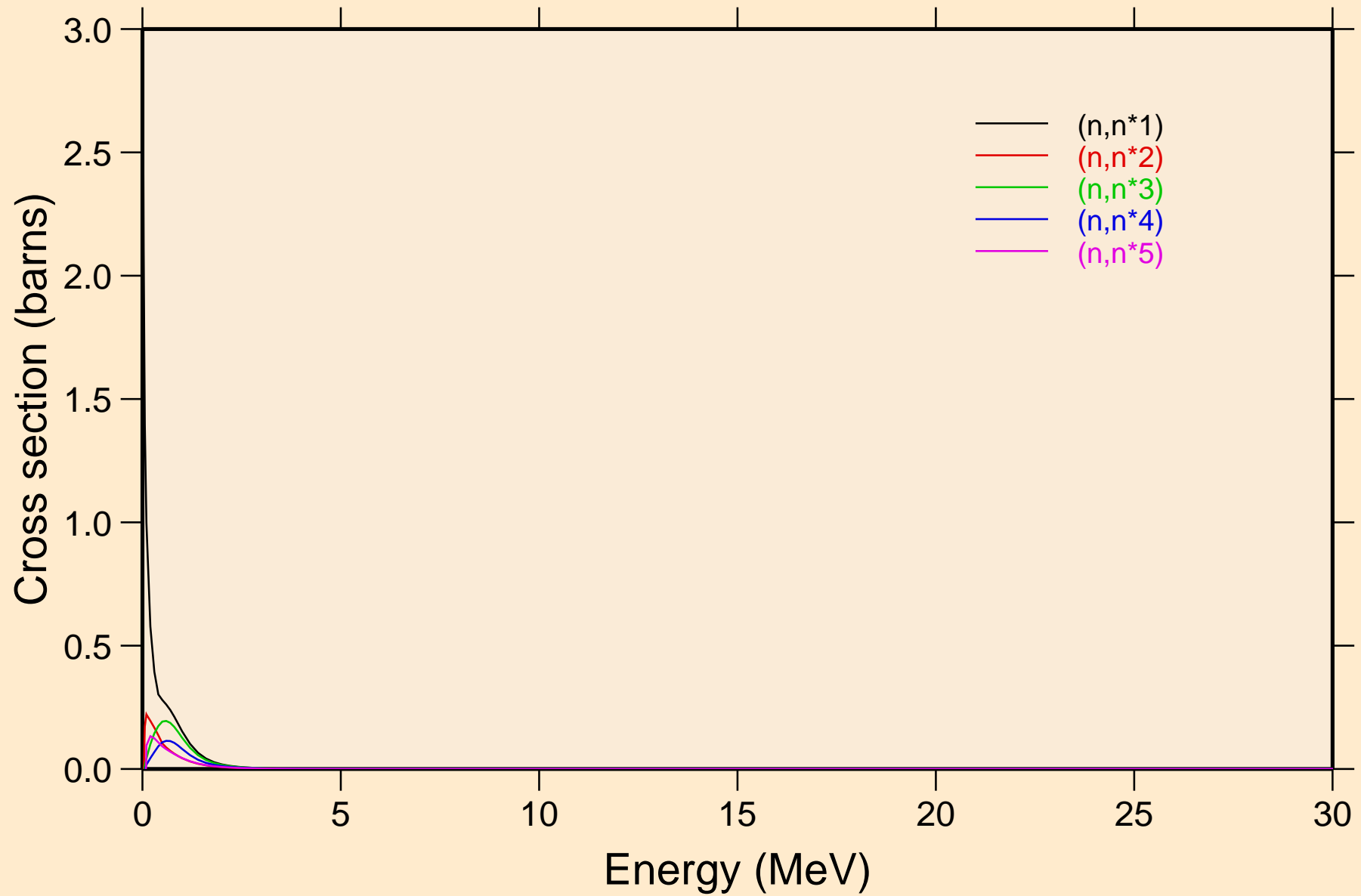
# SM153 NRG TENDL-2015, AKONING

## Non-threshold reactions



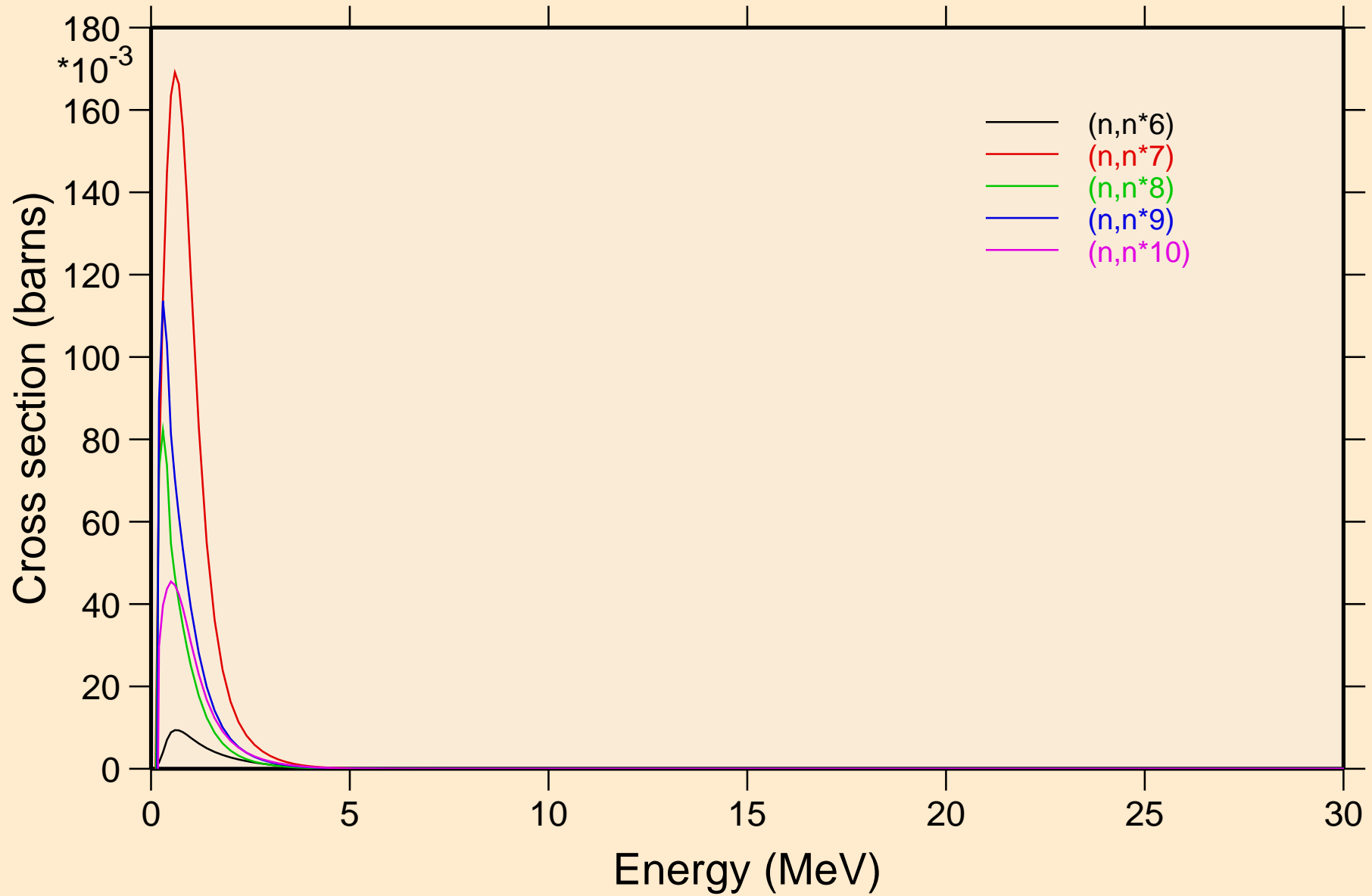
# SM153 NRG TENDL-2015, AKONING

## Inelastic levels



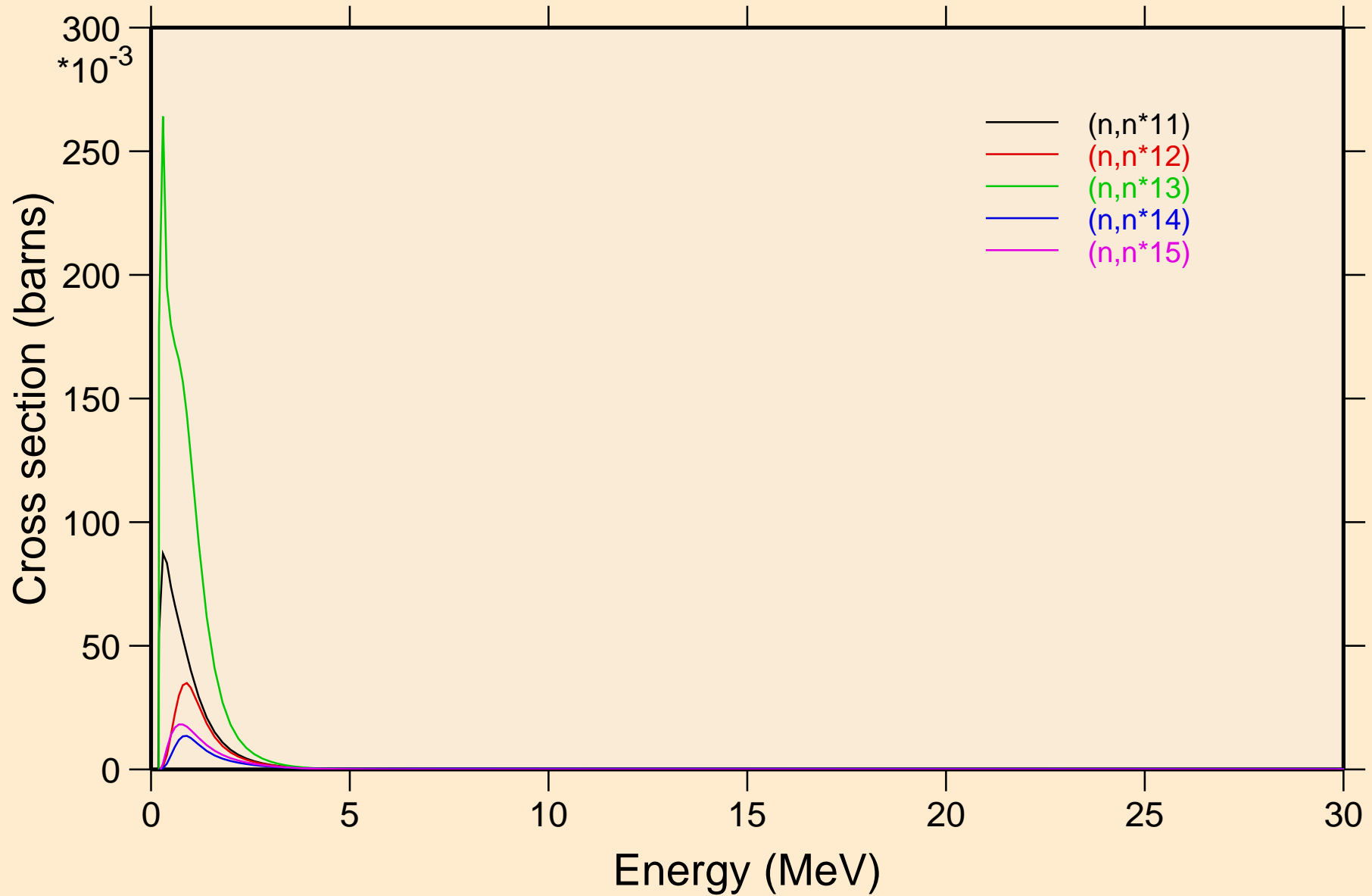
# SM153 NRG TENDL-2015, AKONING

## Inelastic levels



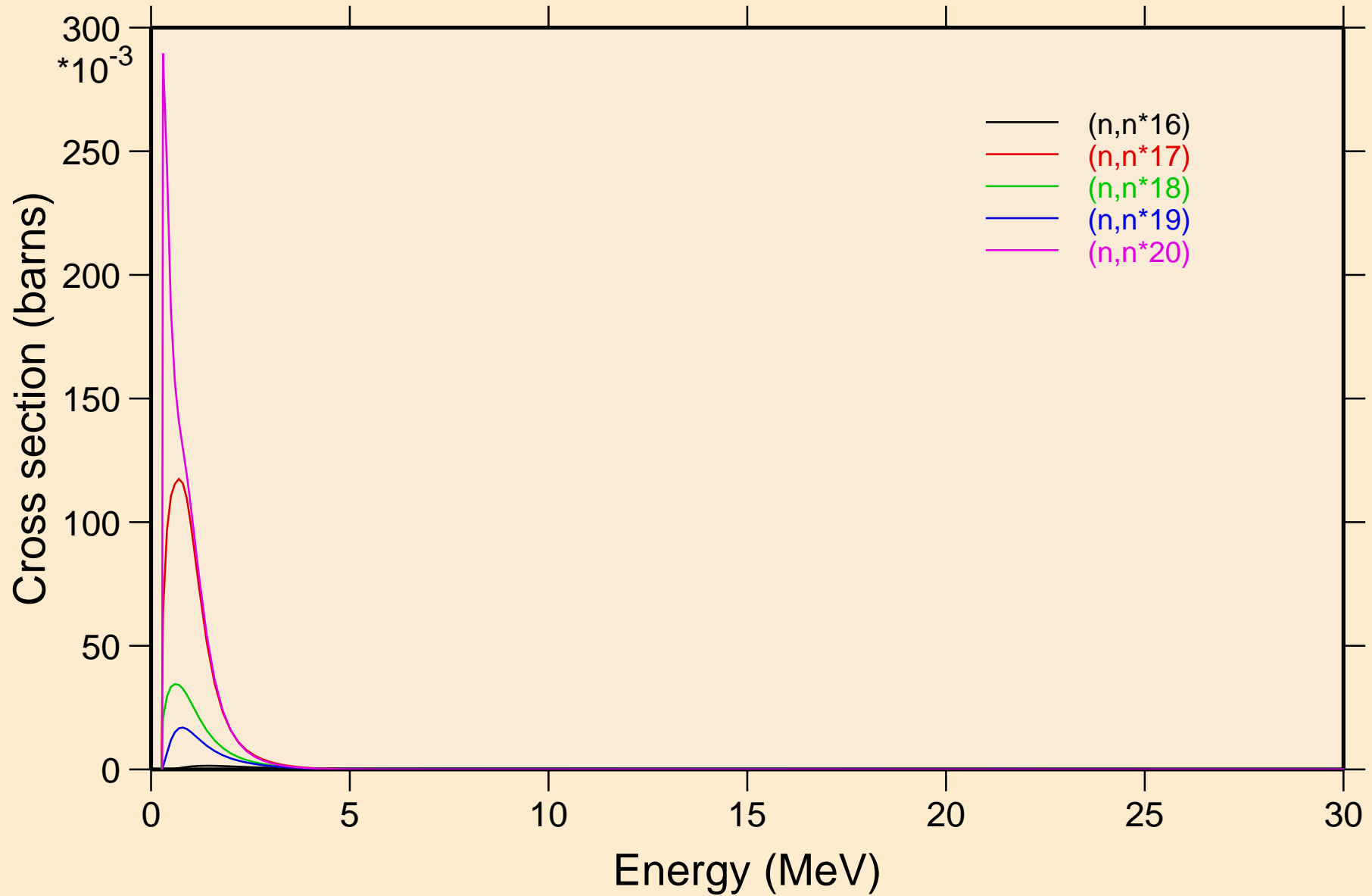
# SM153 NRG TENDL-2015, AKONING

## Inelastic levels



# SM153 NRG TENDL-2015, AKONING

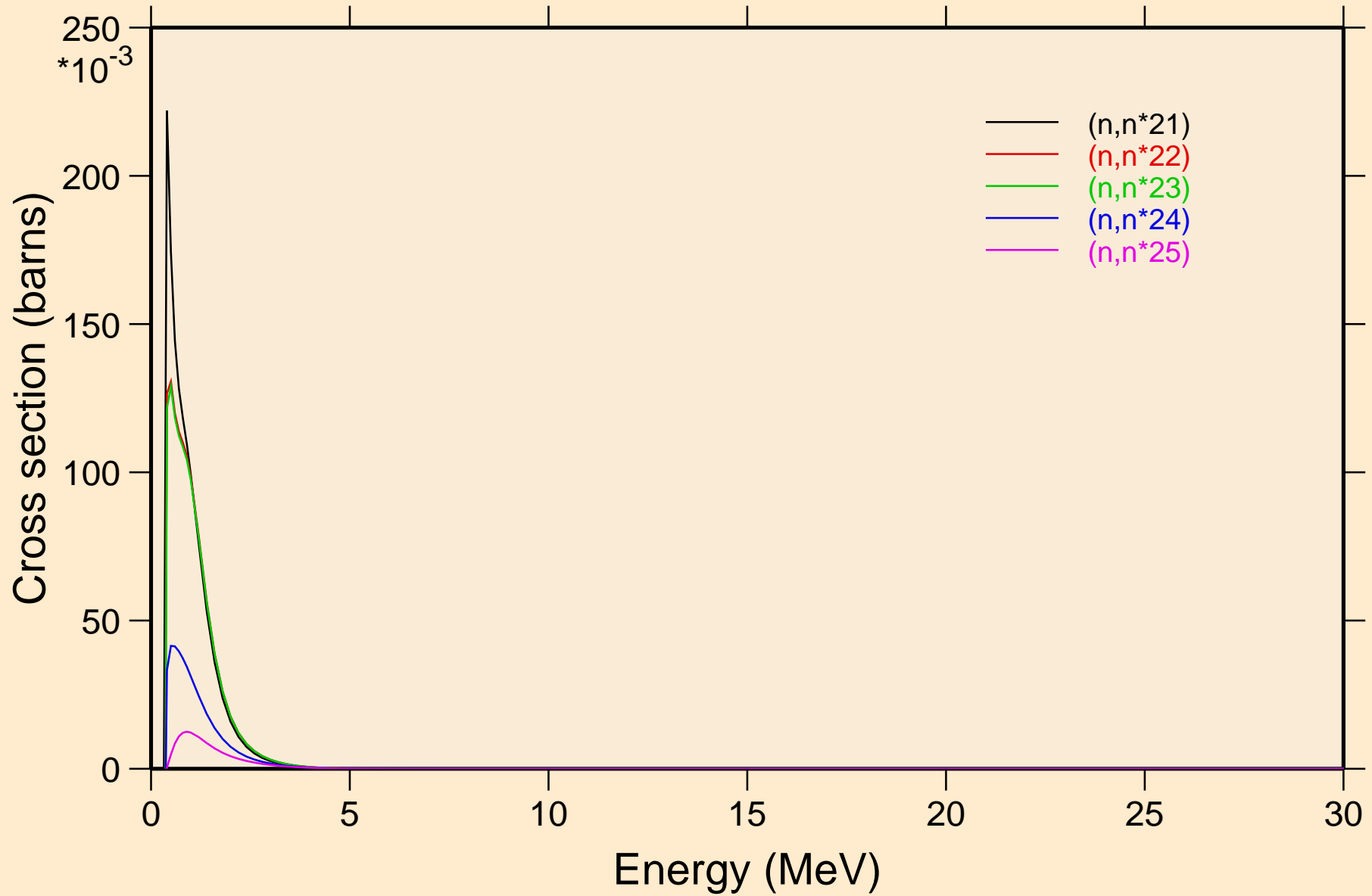
## Inelastic levels





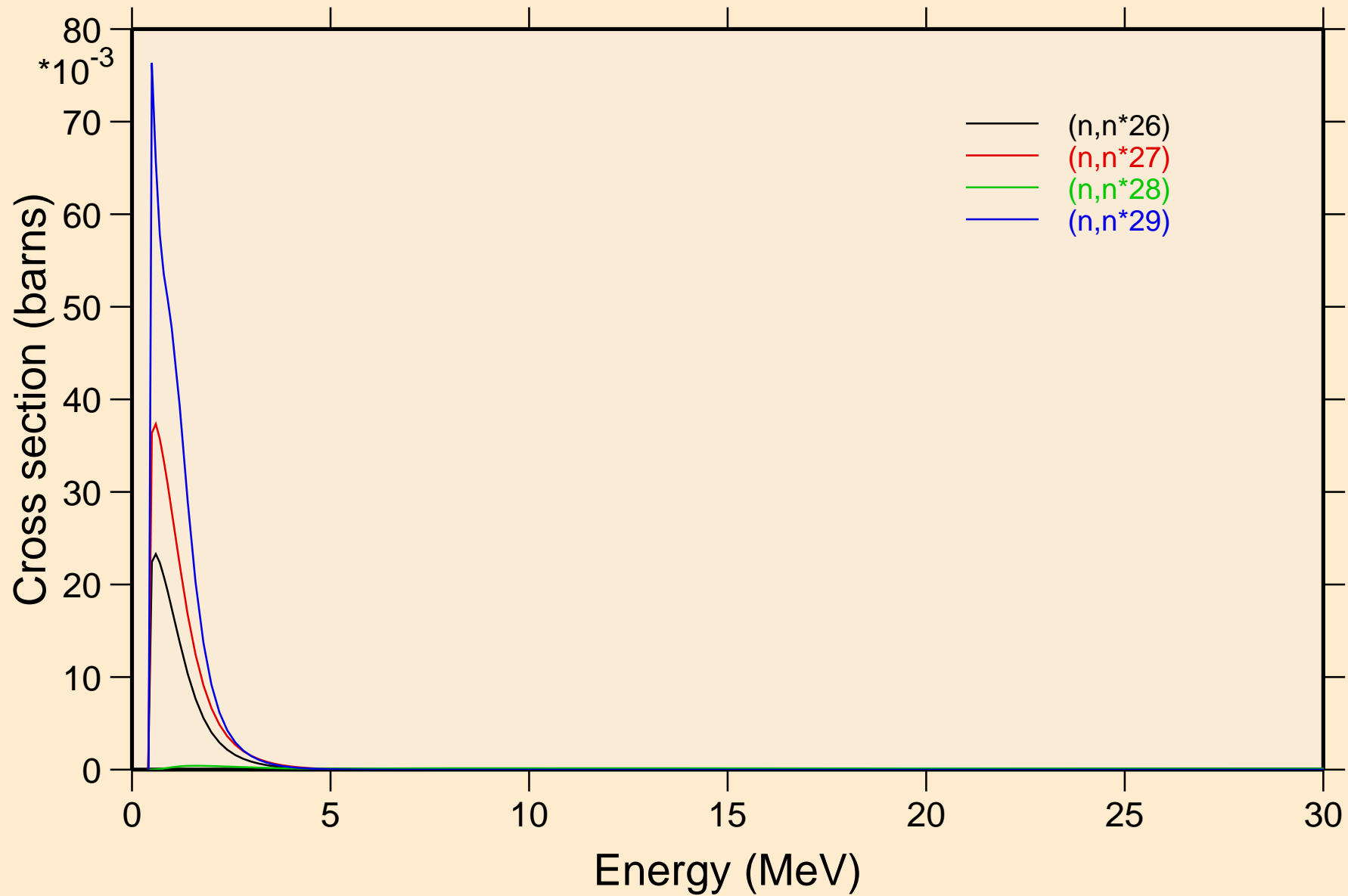
# SM153 NRG TENDL-2015, AKONING

## Inelastic levels



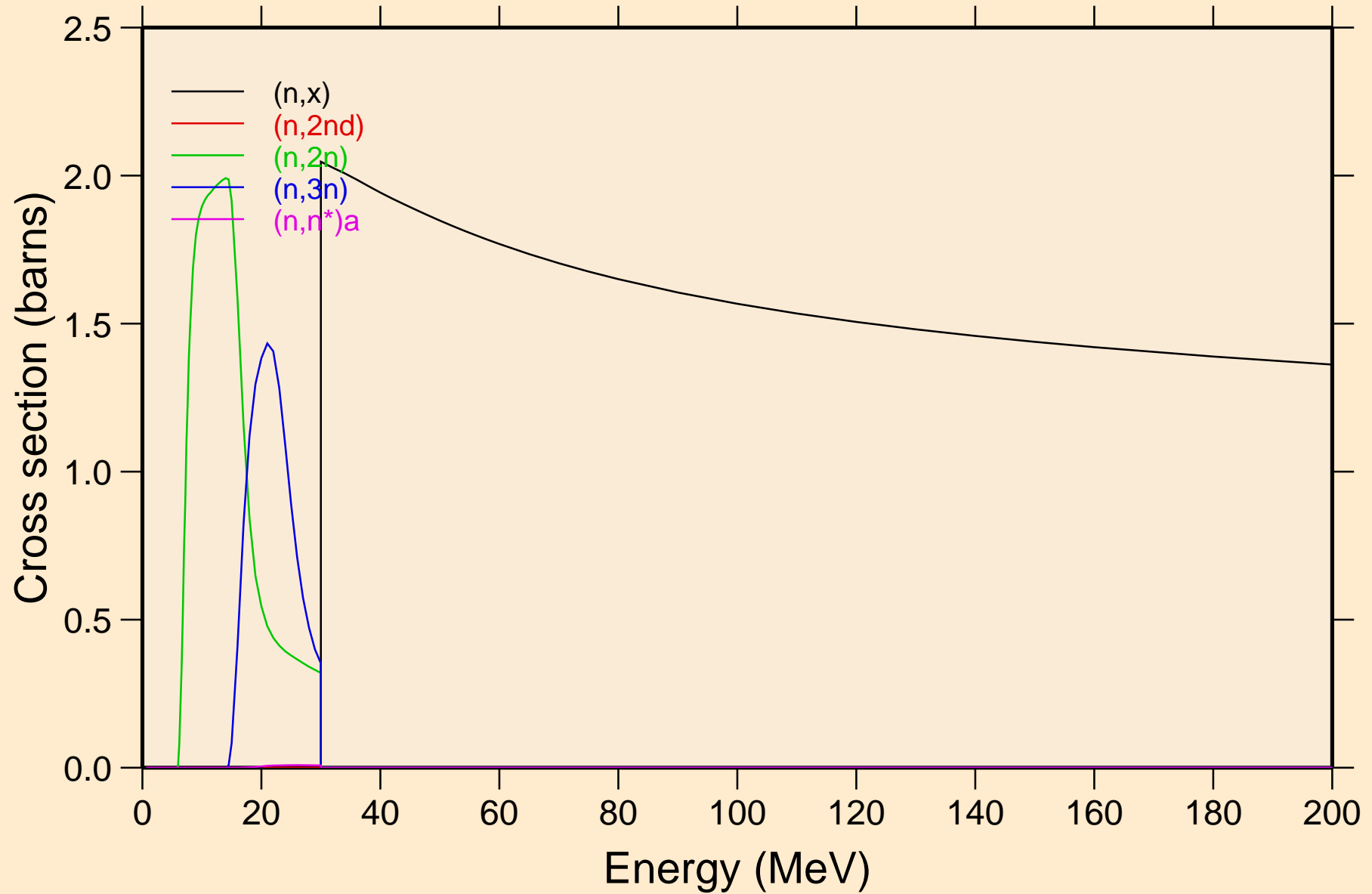
# SM153 NRG TENDL-2015, AKONING

## Inelastic levels



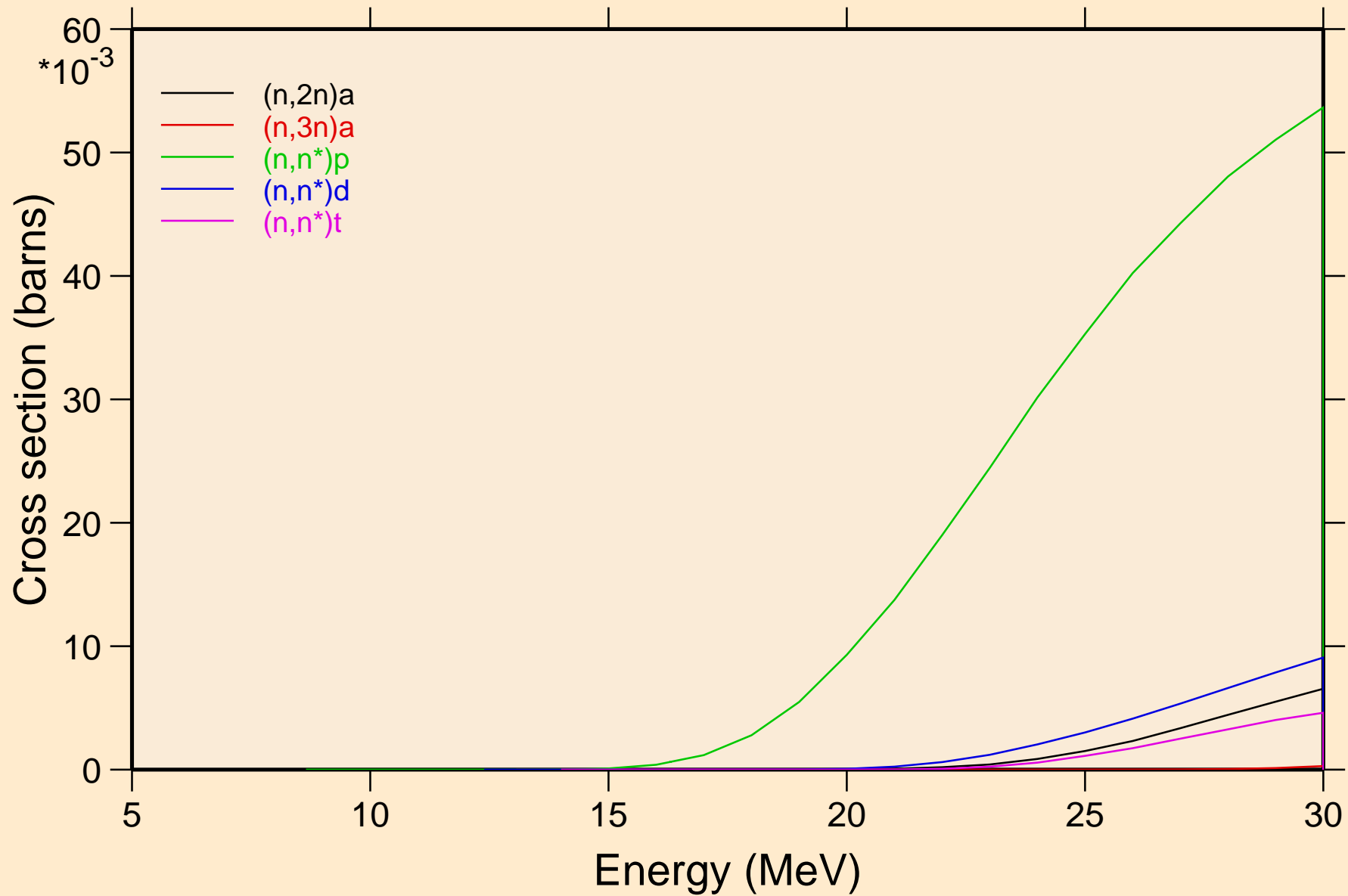
# SM153 NRG TENDL-2015, AKONING

## Threshold reactions



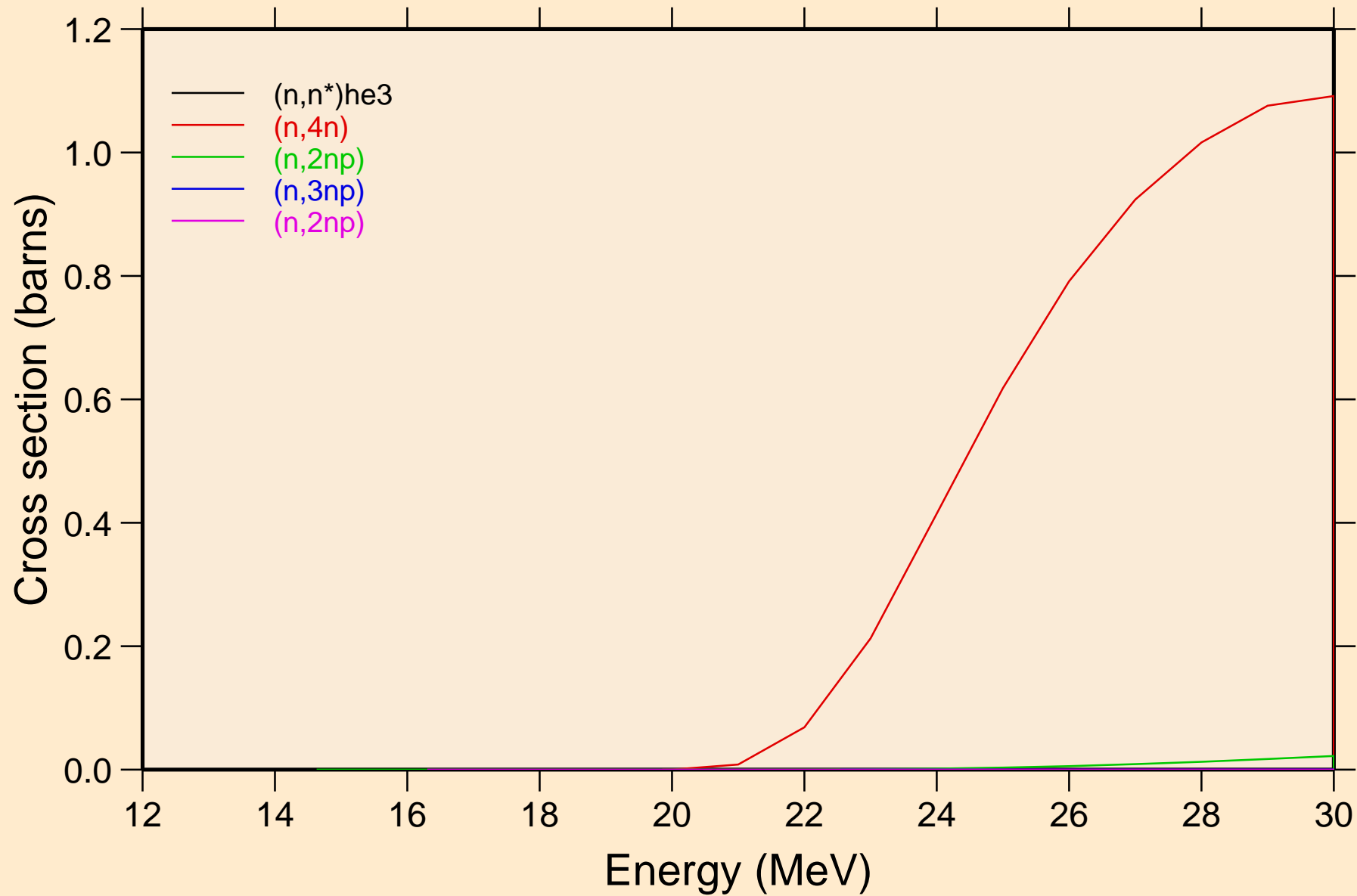
# SM153 NRG TENDL-2015, AKONING

## Threshold reactions



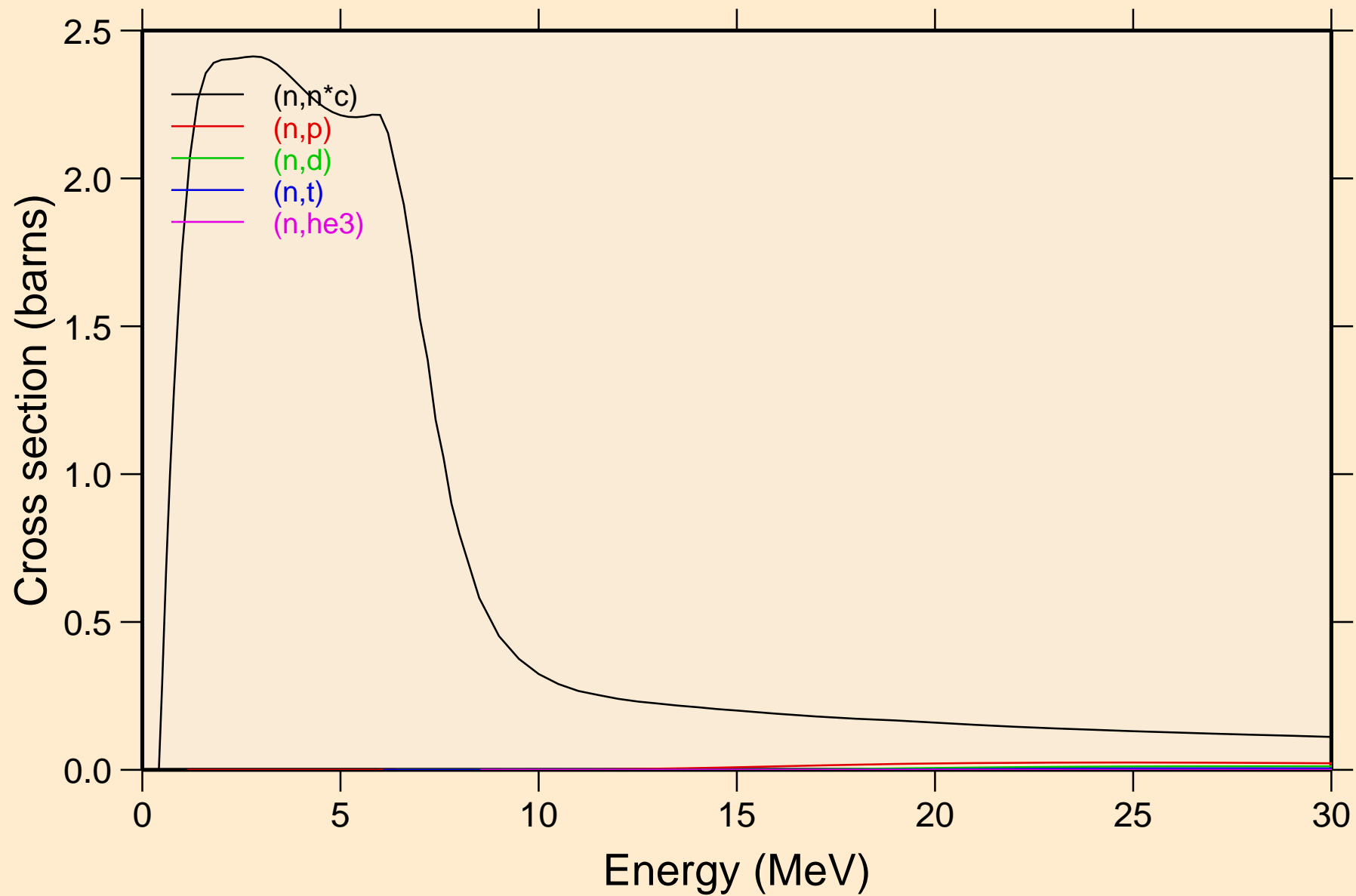
# SM153 NRG TENDL-2015, AKONING

## Threshold reactions



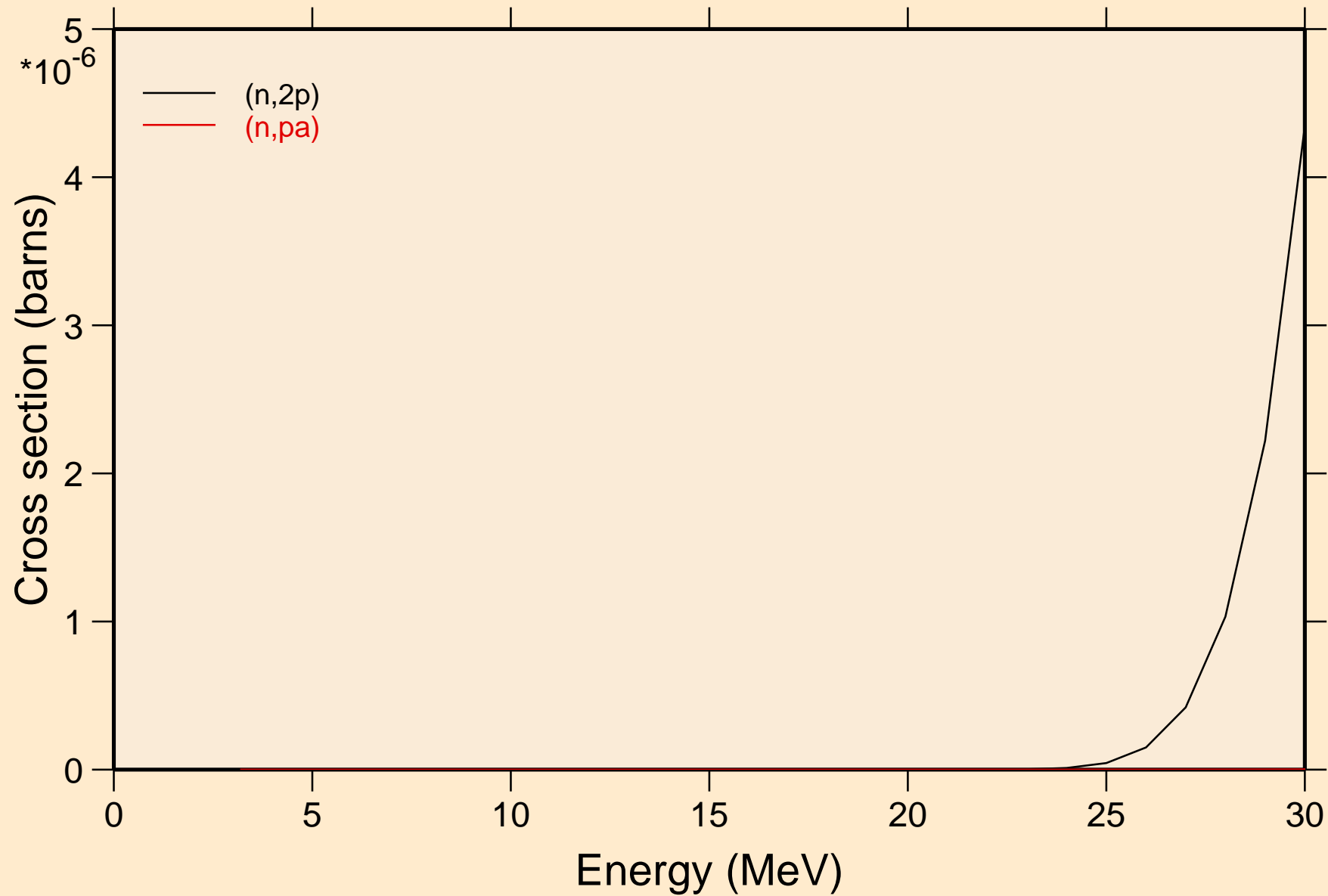
# SM153 NRG TENDL-2015, AKONING

## Threshold reactions

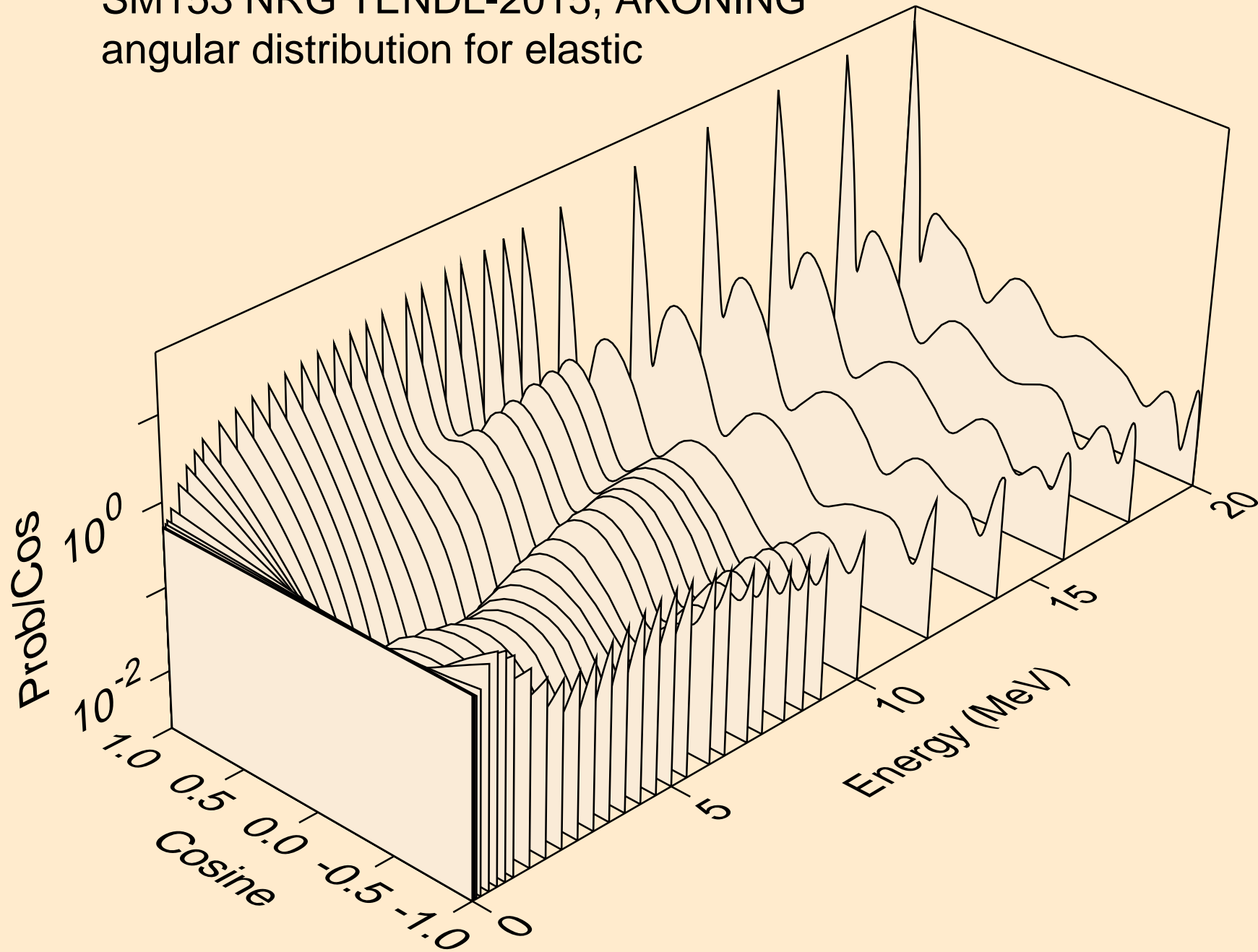


# SM153 NRG TENDL-2015, AKONING

## Threshold reactions

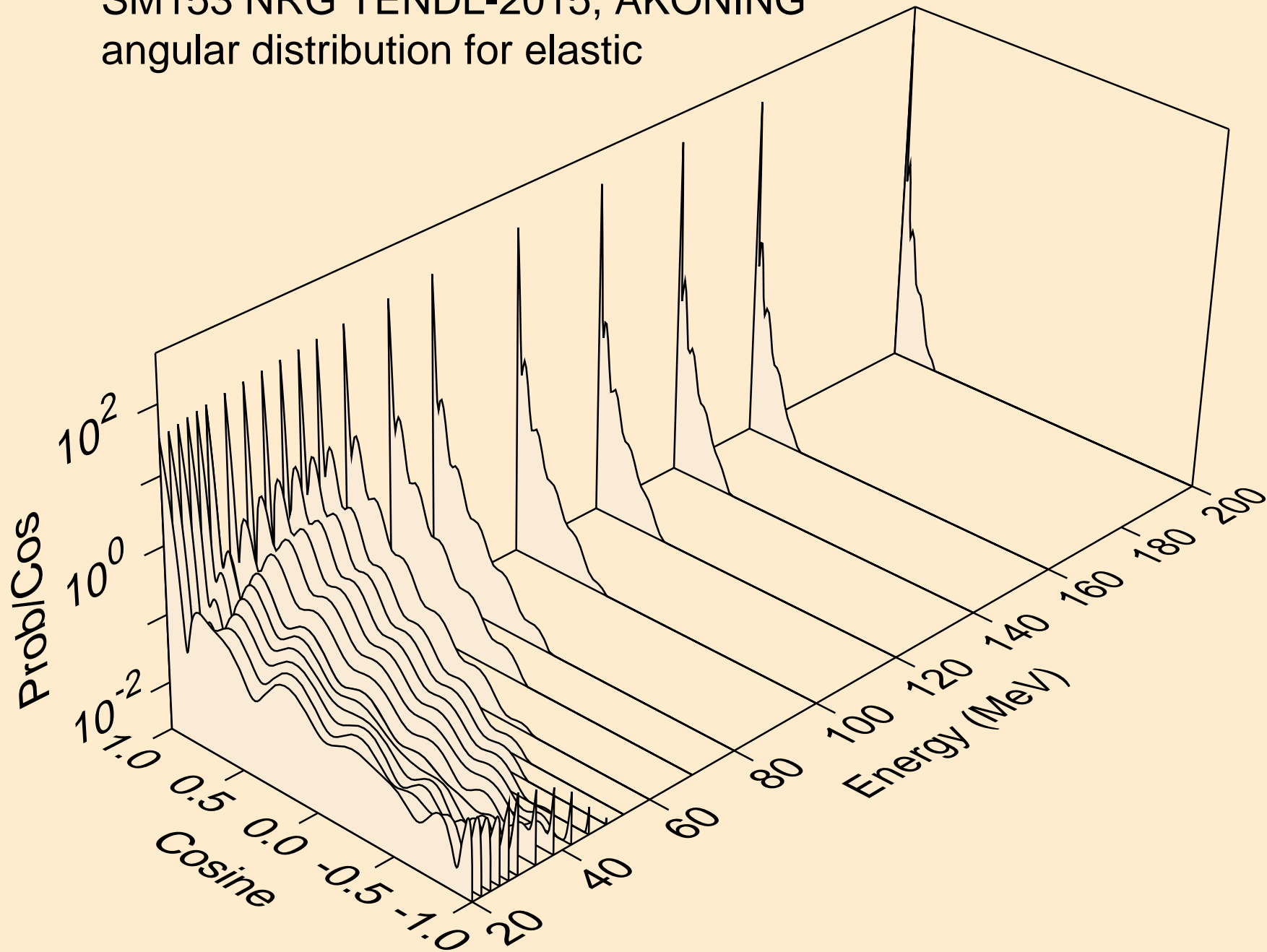


SM153 NRG TENDL-2015, AKONING  
angular distribution for elastic

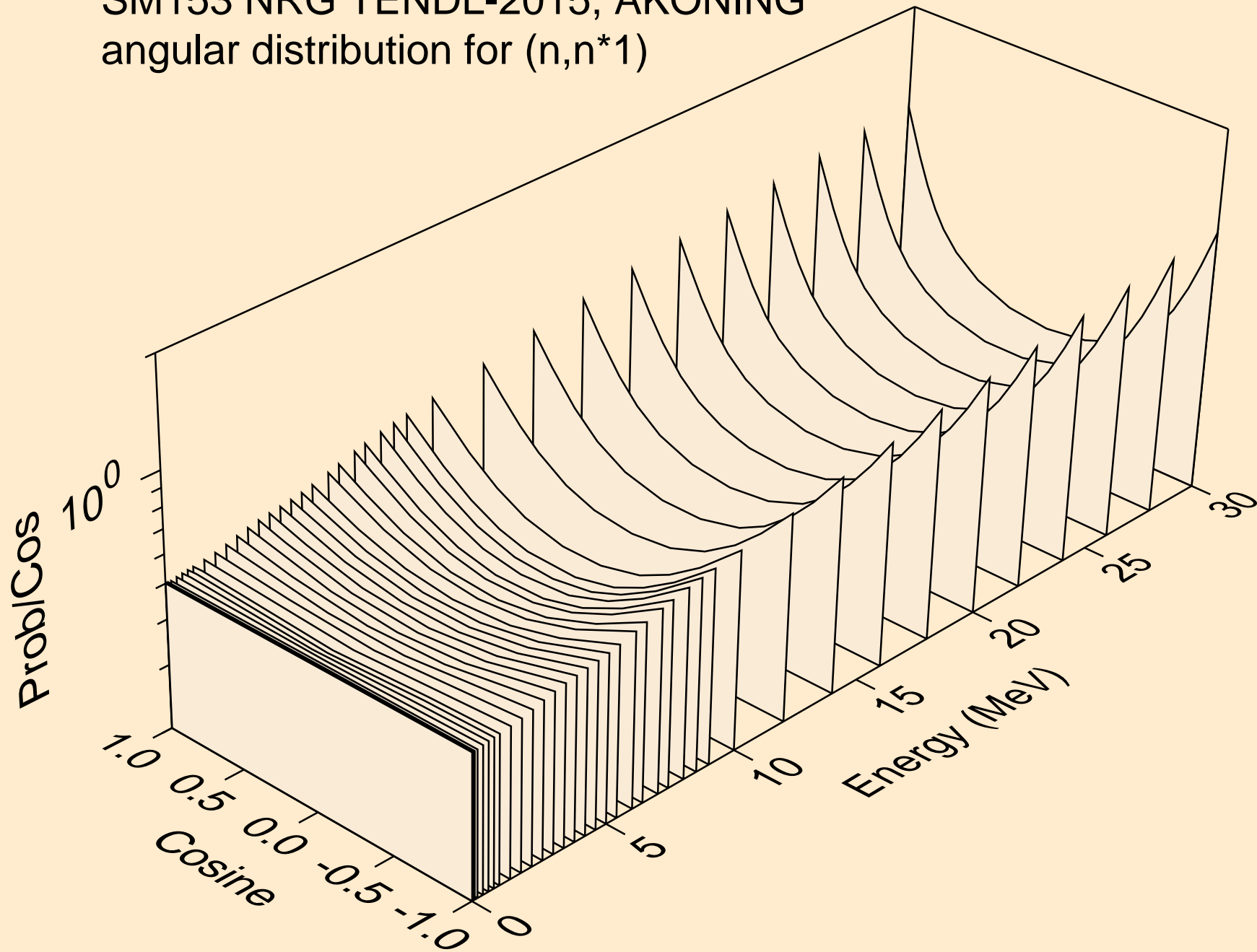




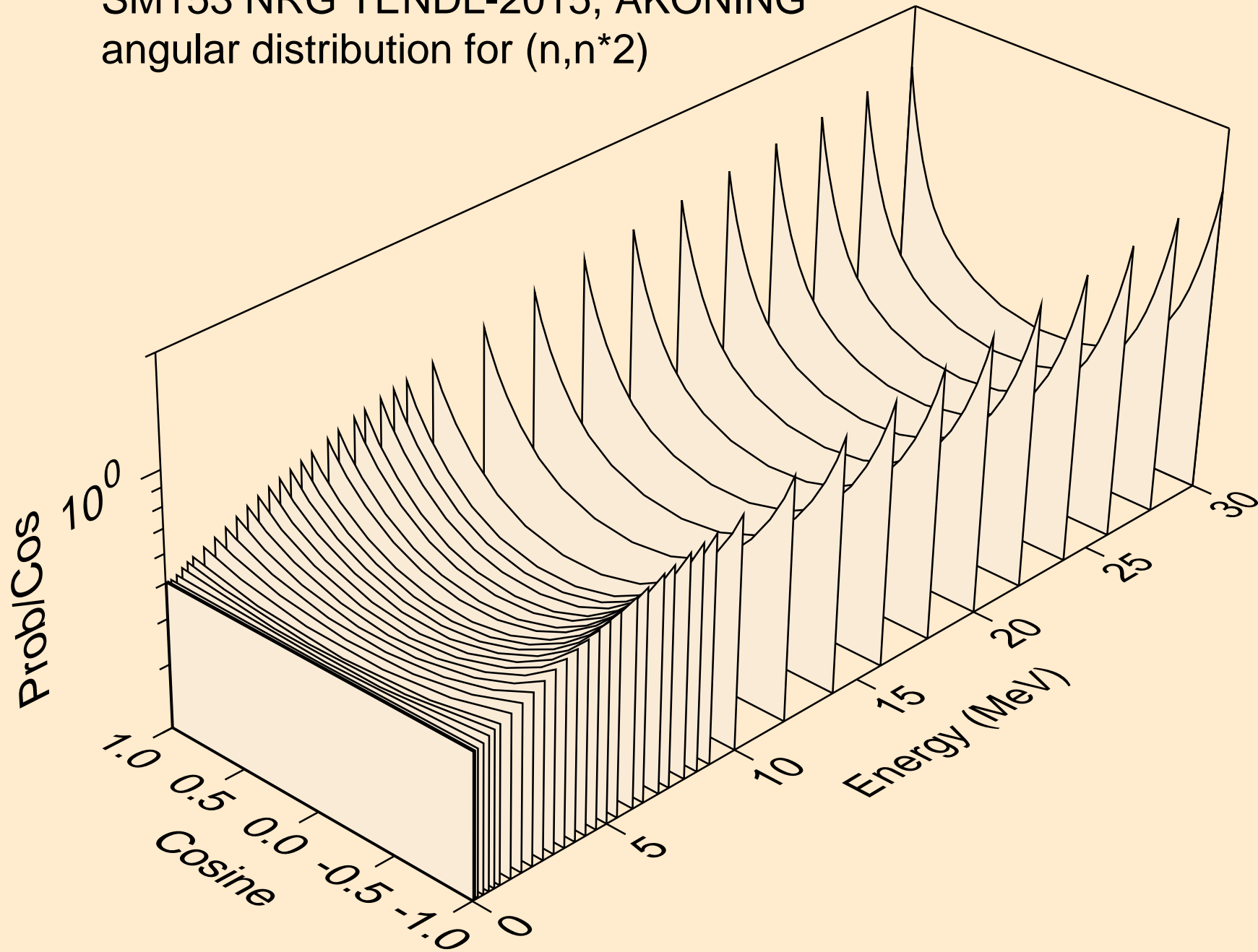
SM153 NRG TENDL-2015, AKONING  
angular distribution for elastic



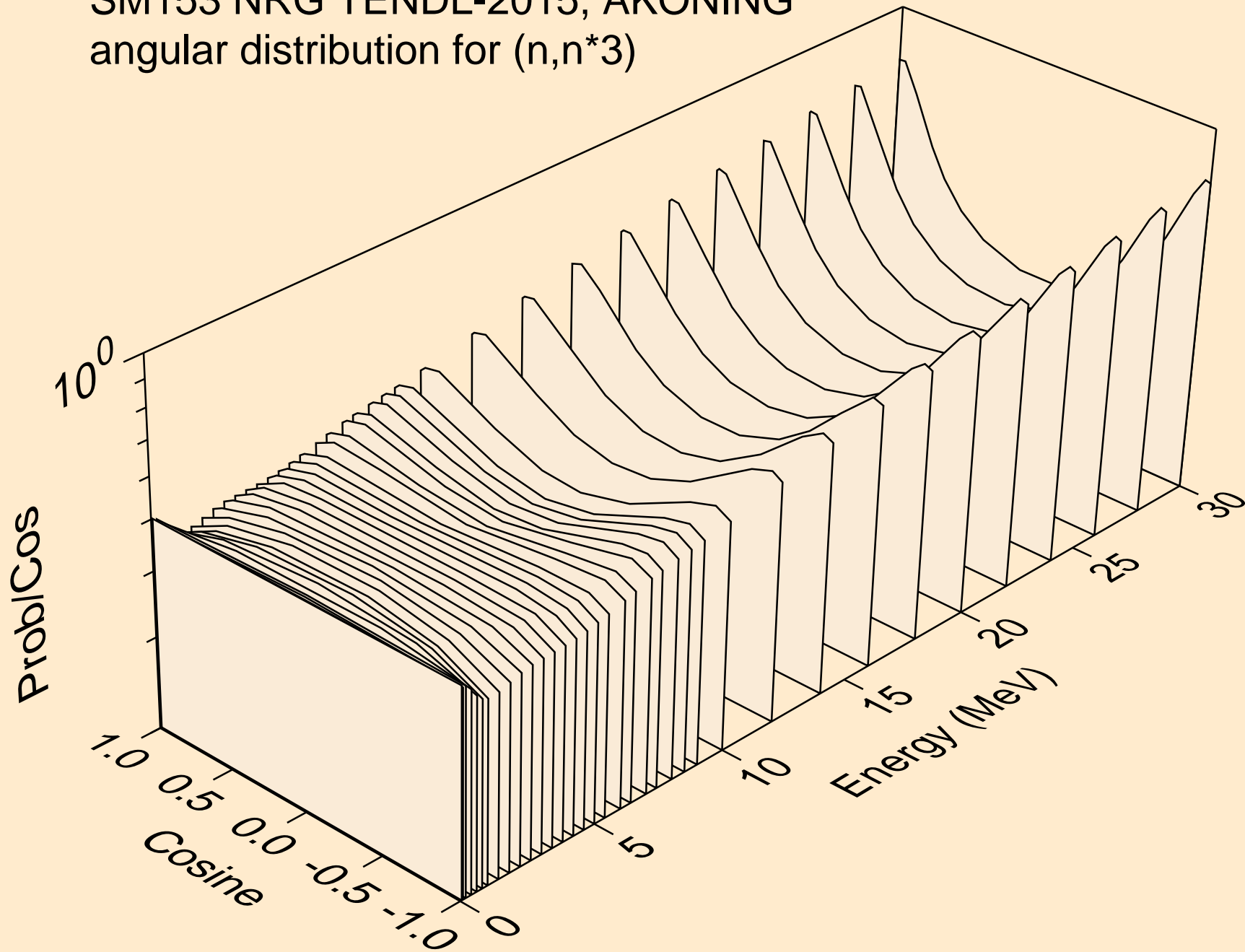
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



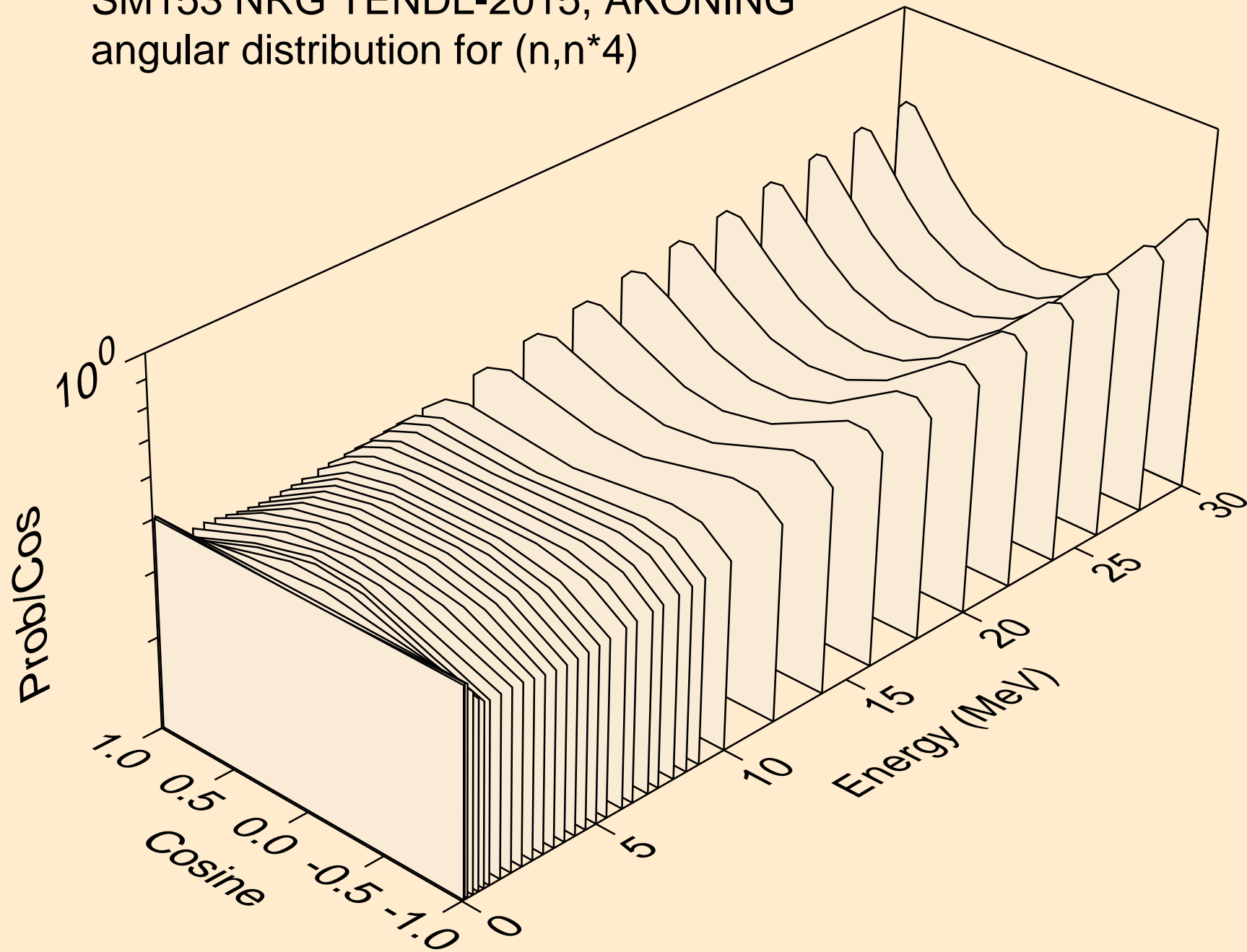
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



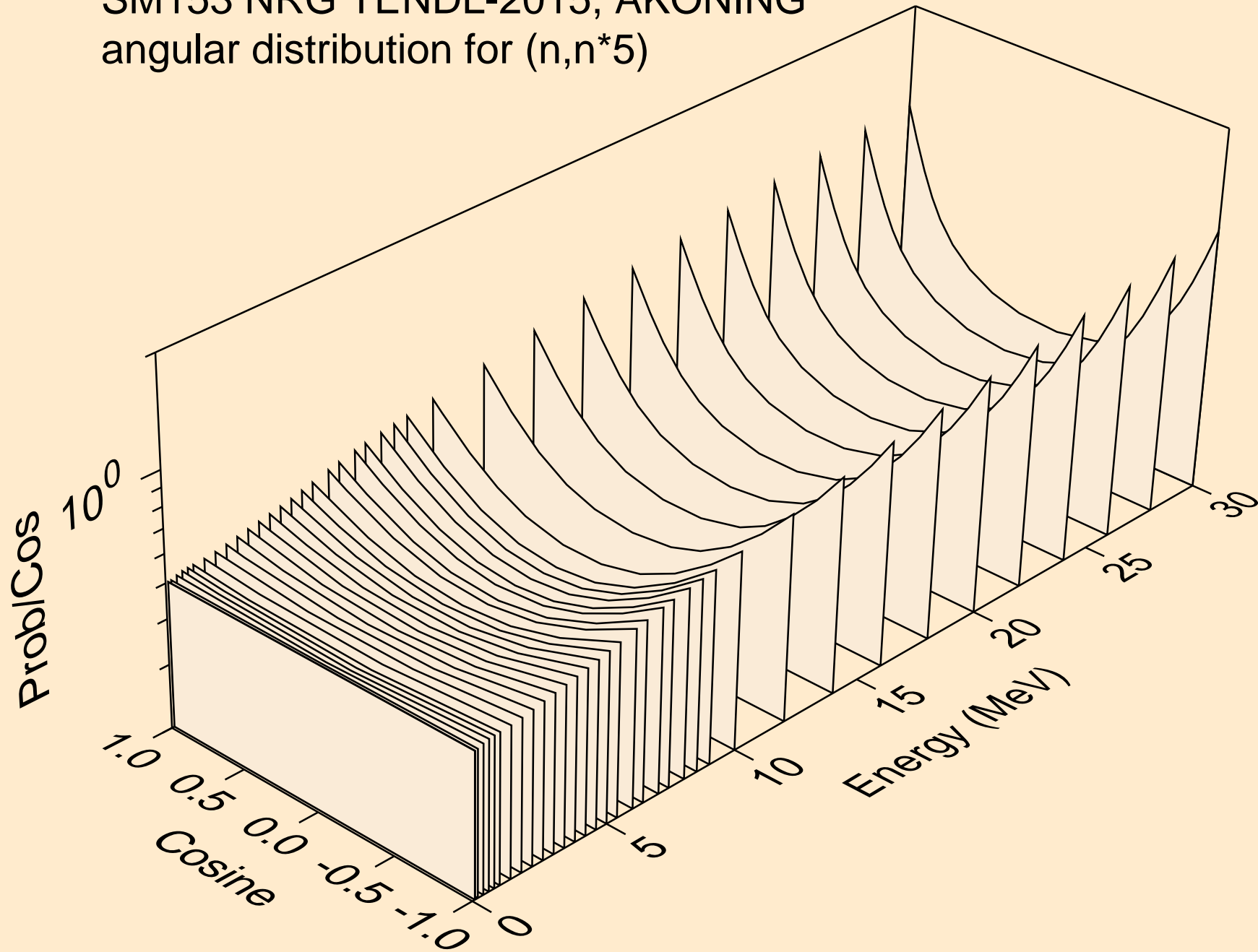
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



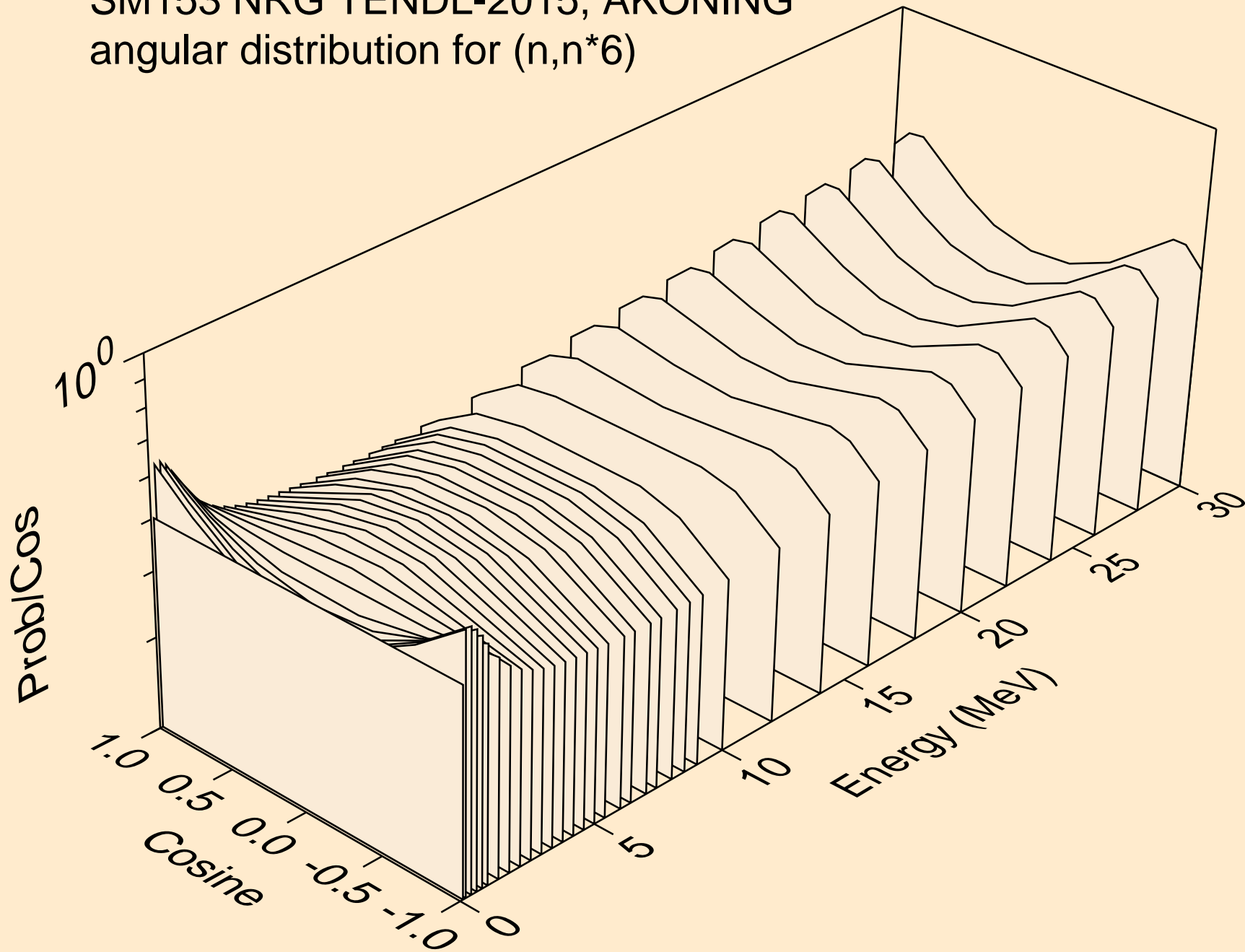
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



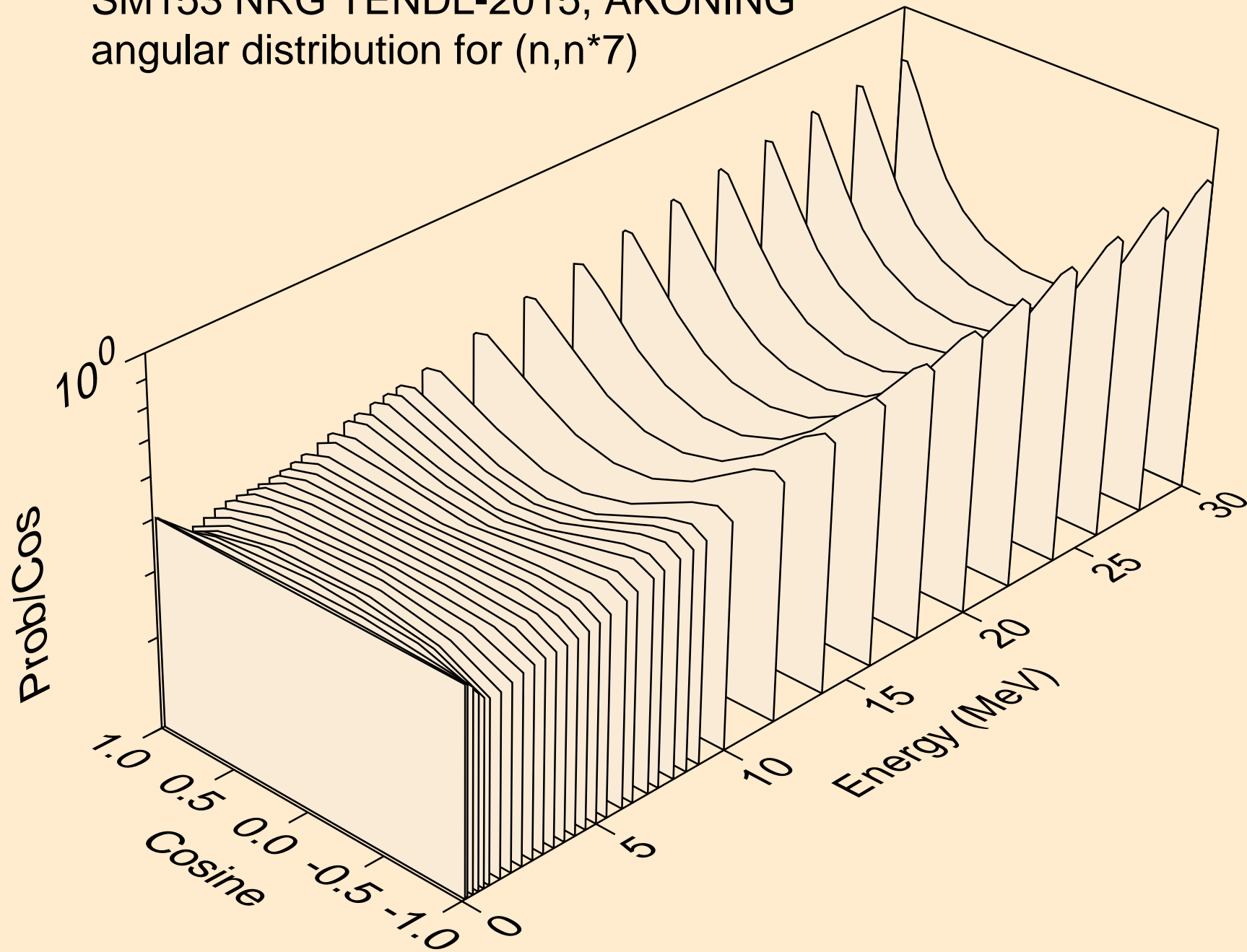
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

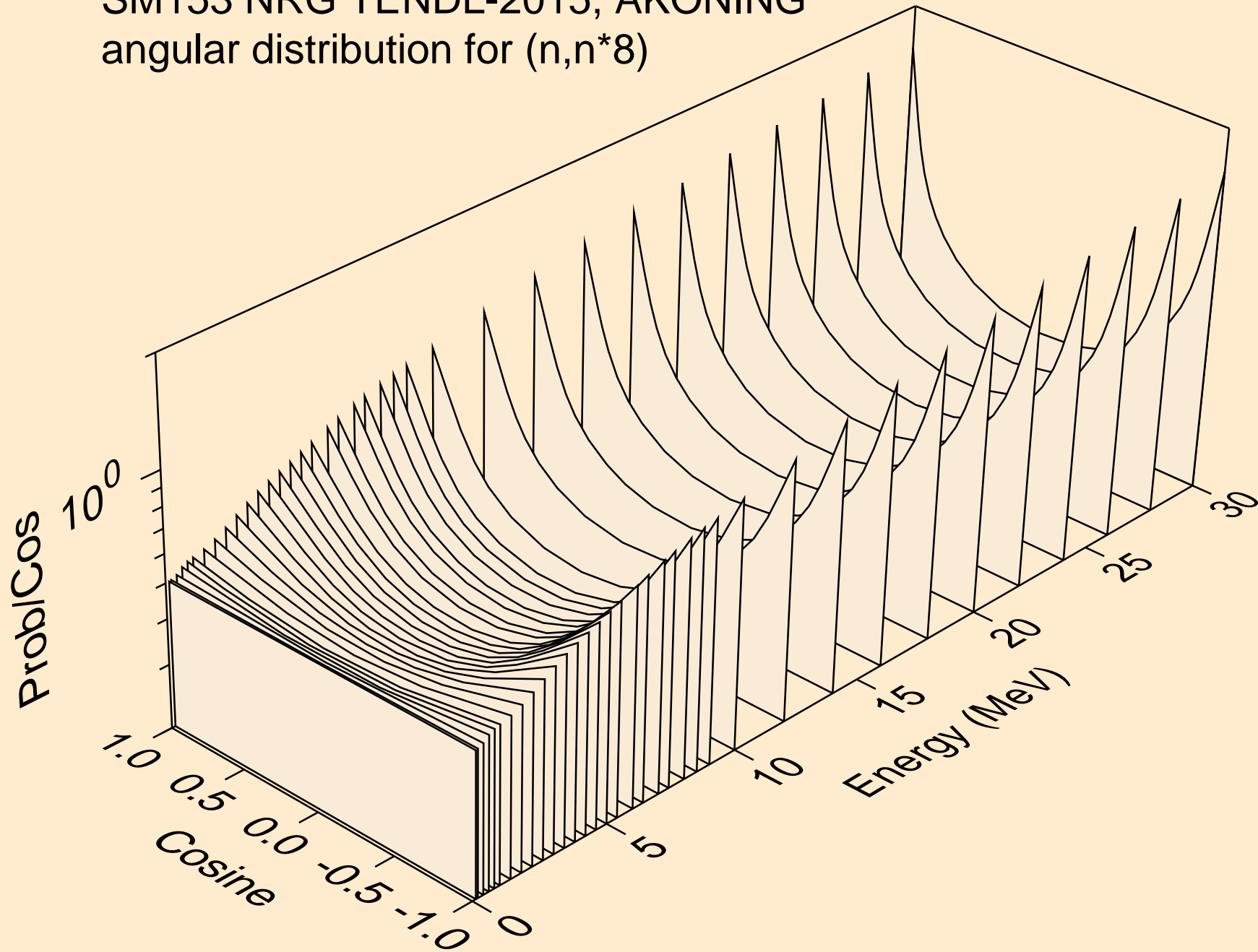


SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

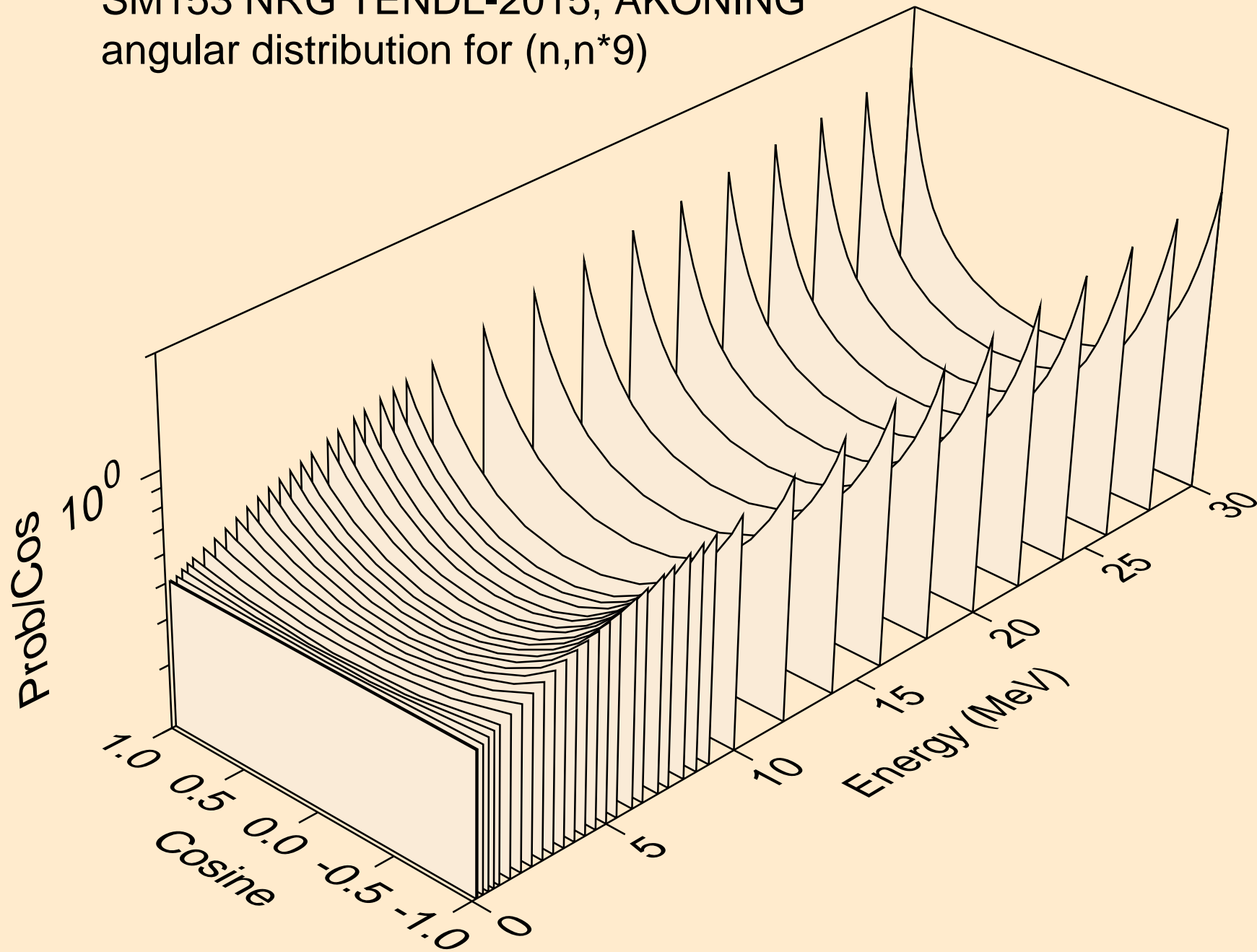




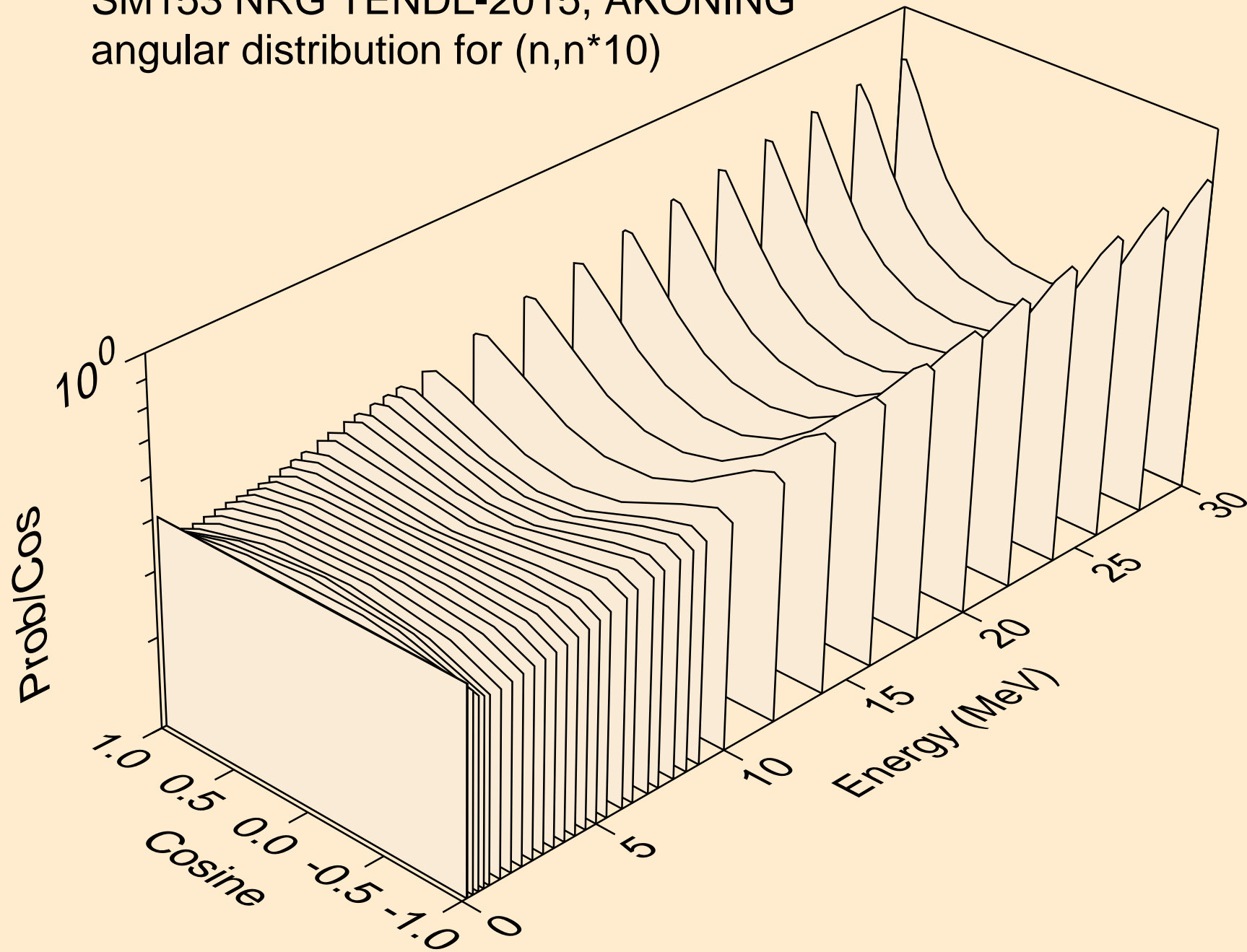
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



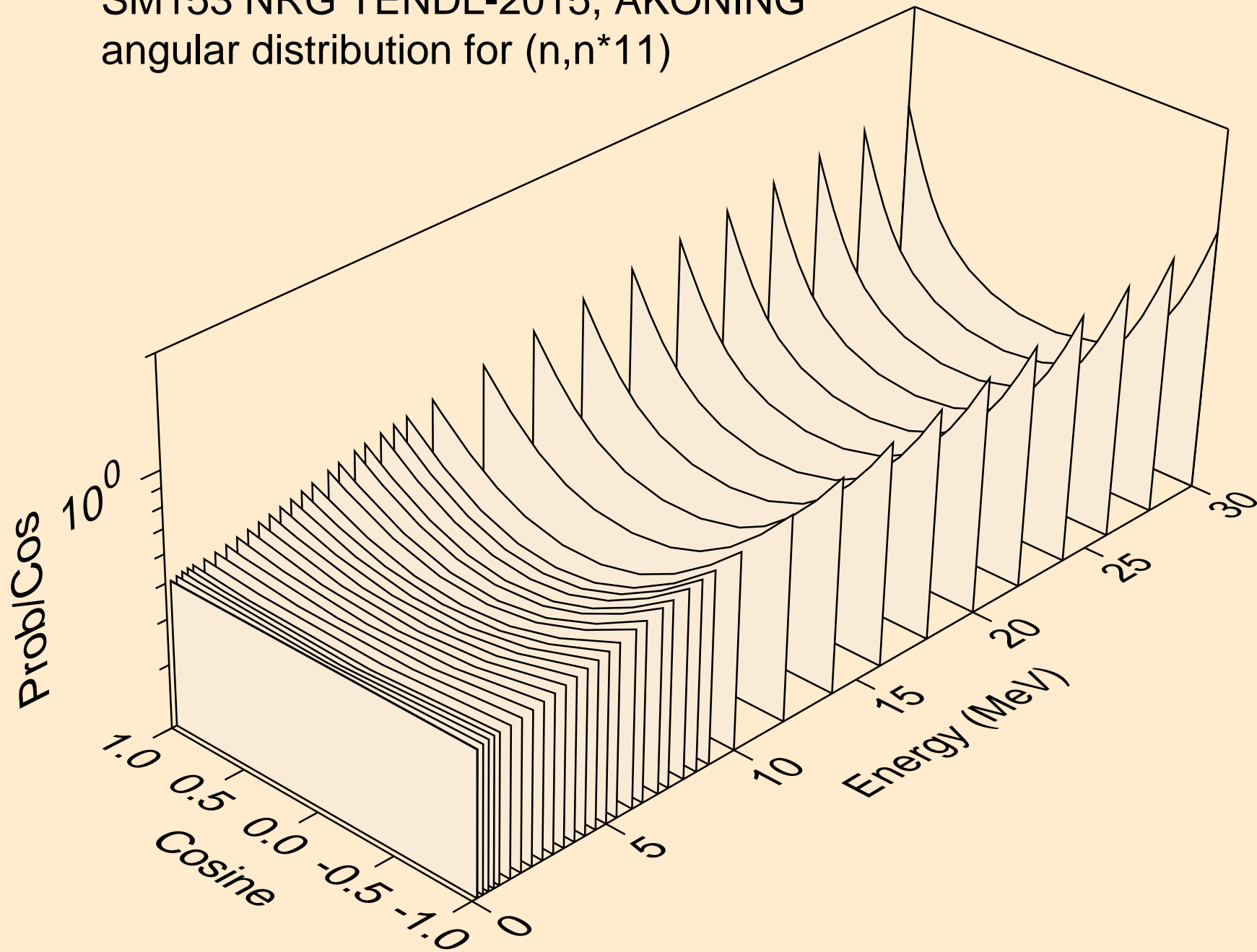
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



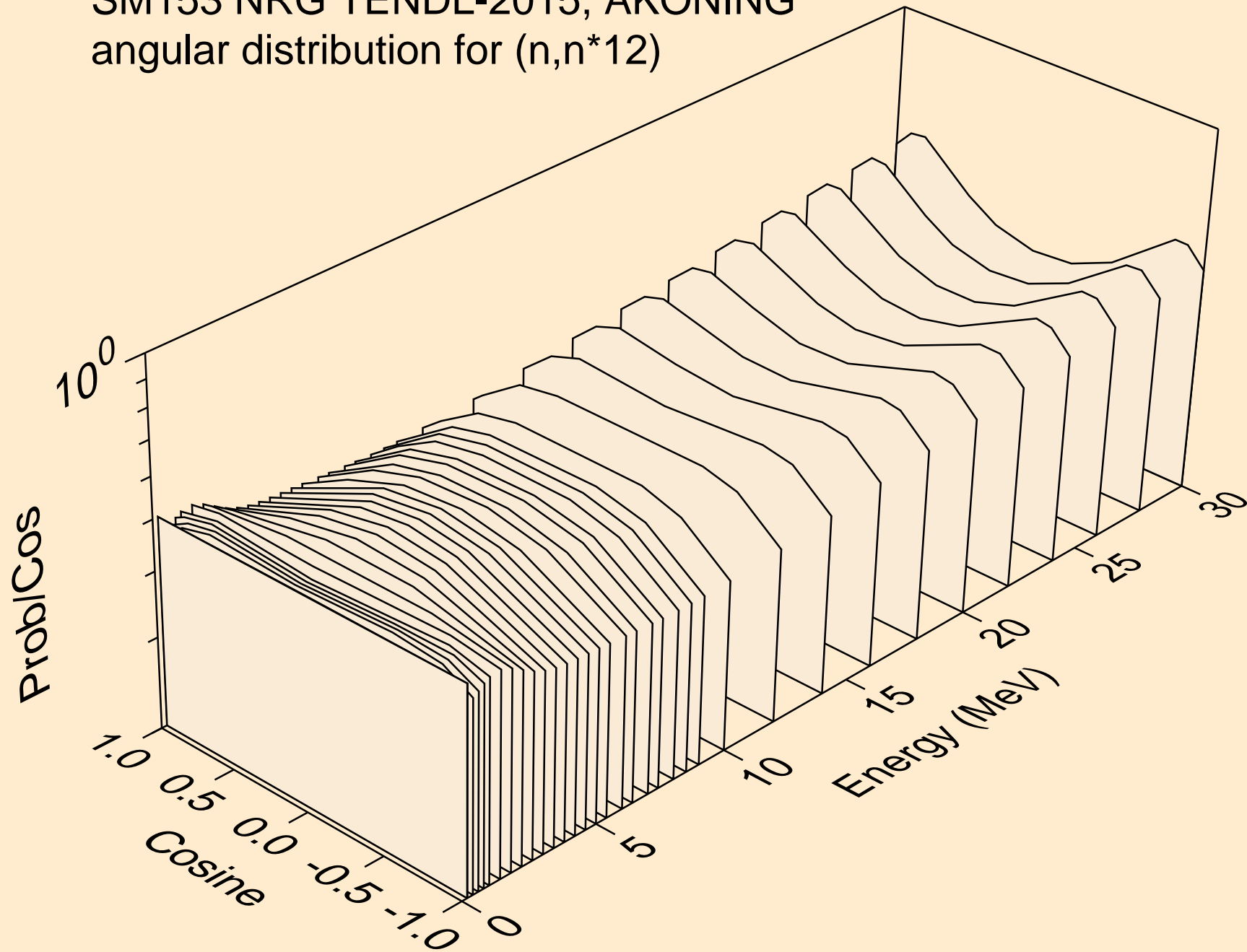
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



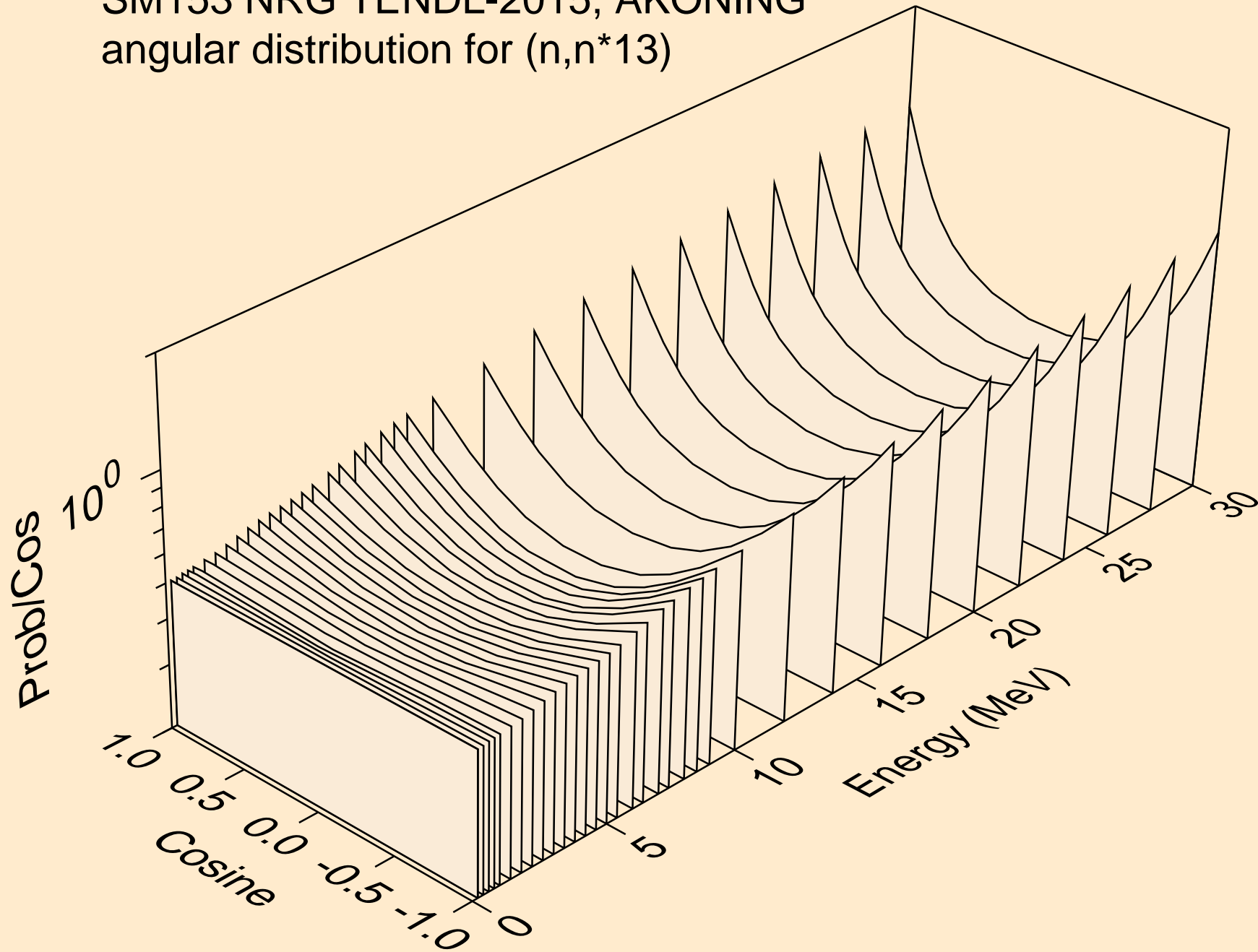
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



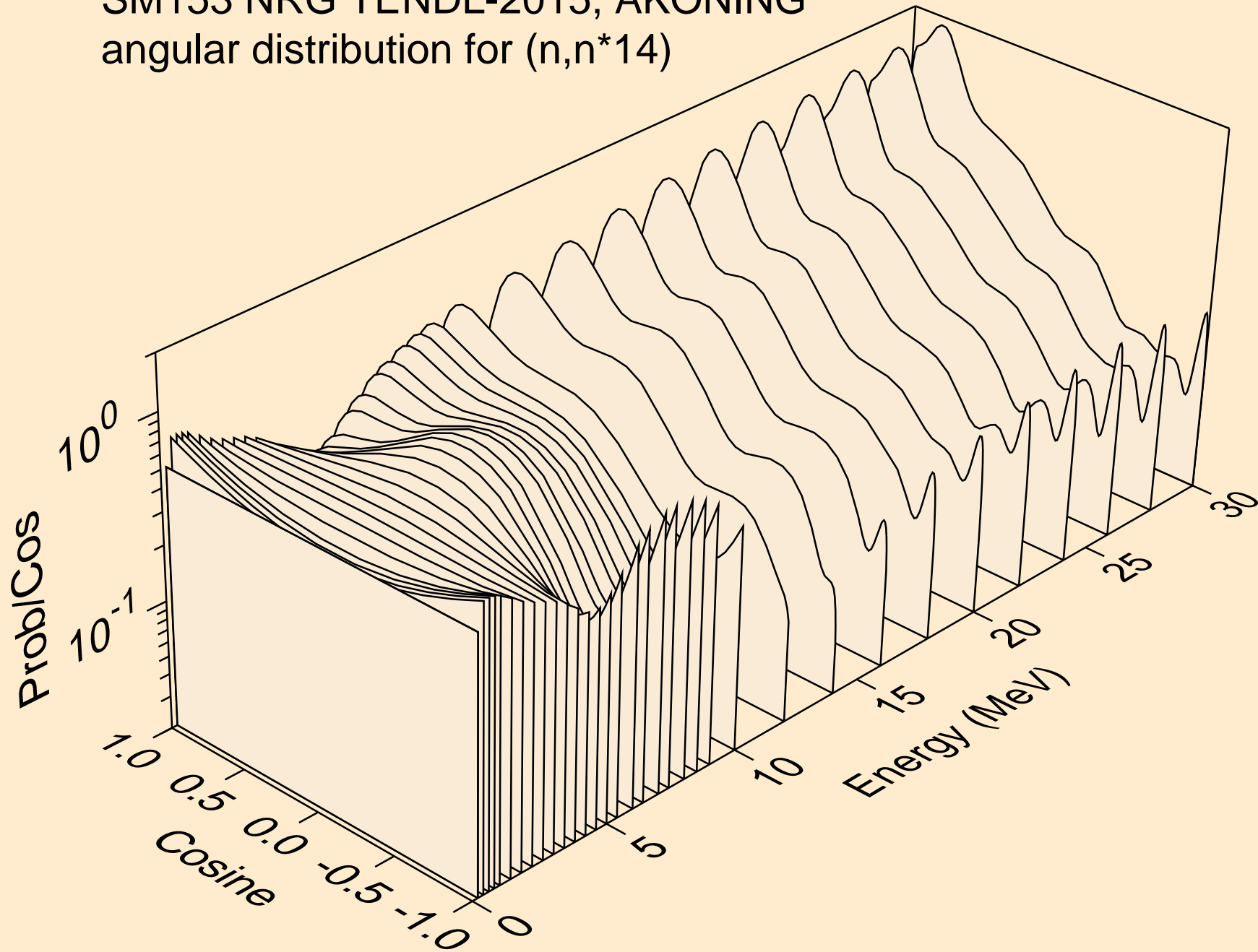
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



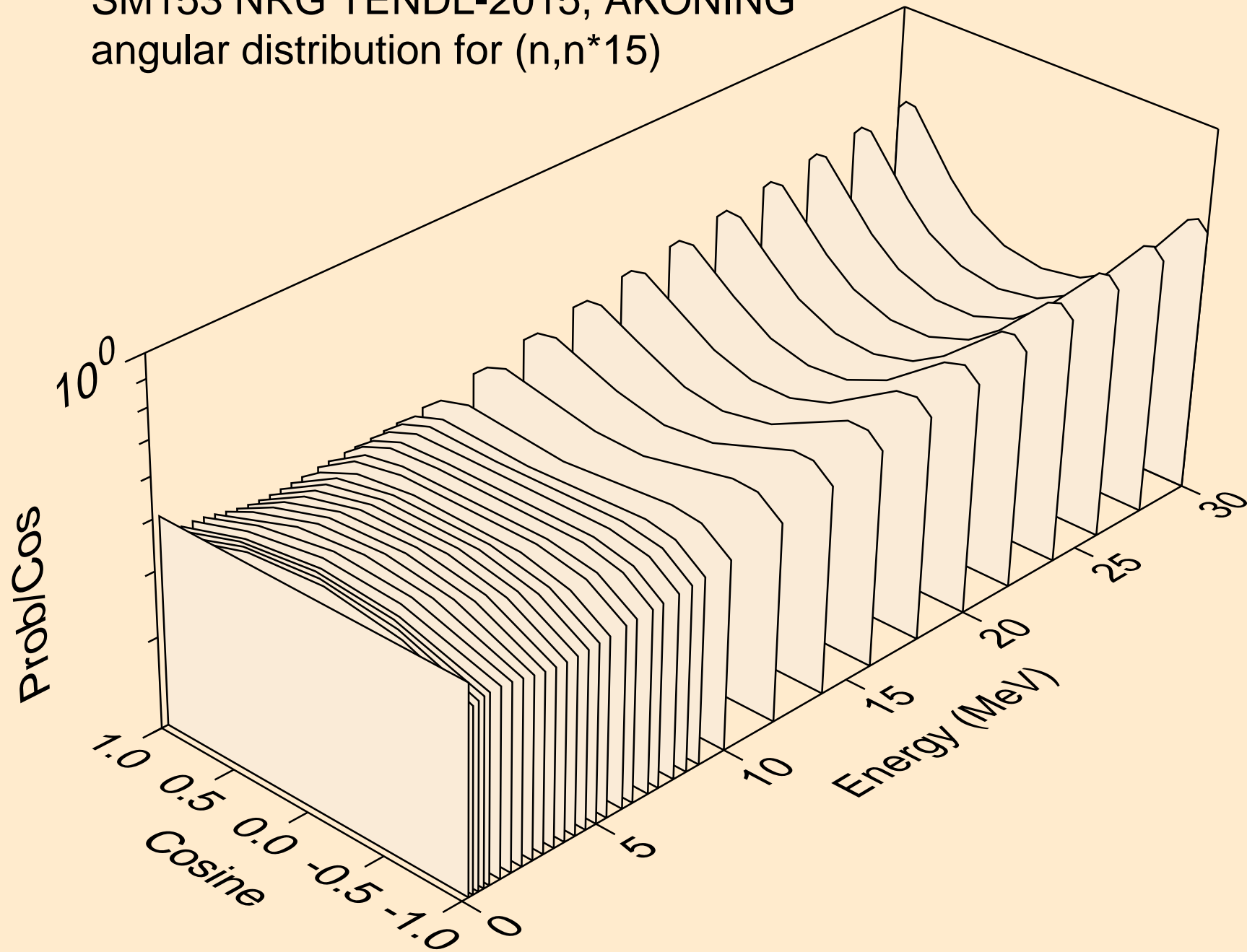
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

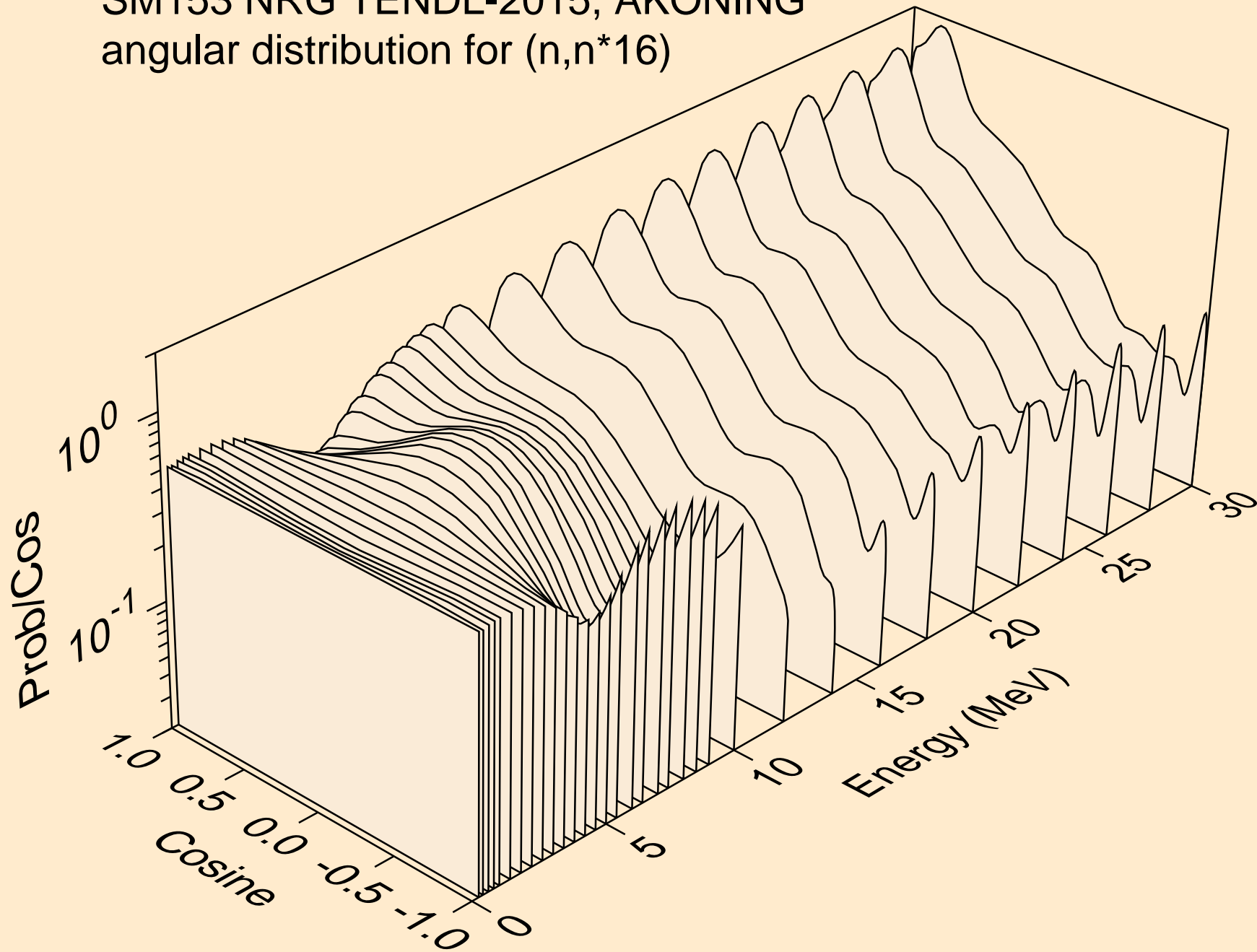


SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

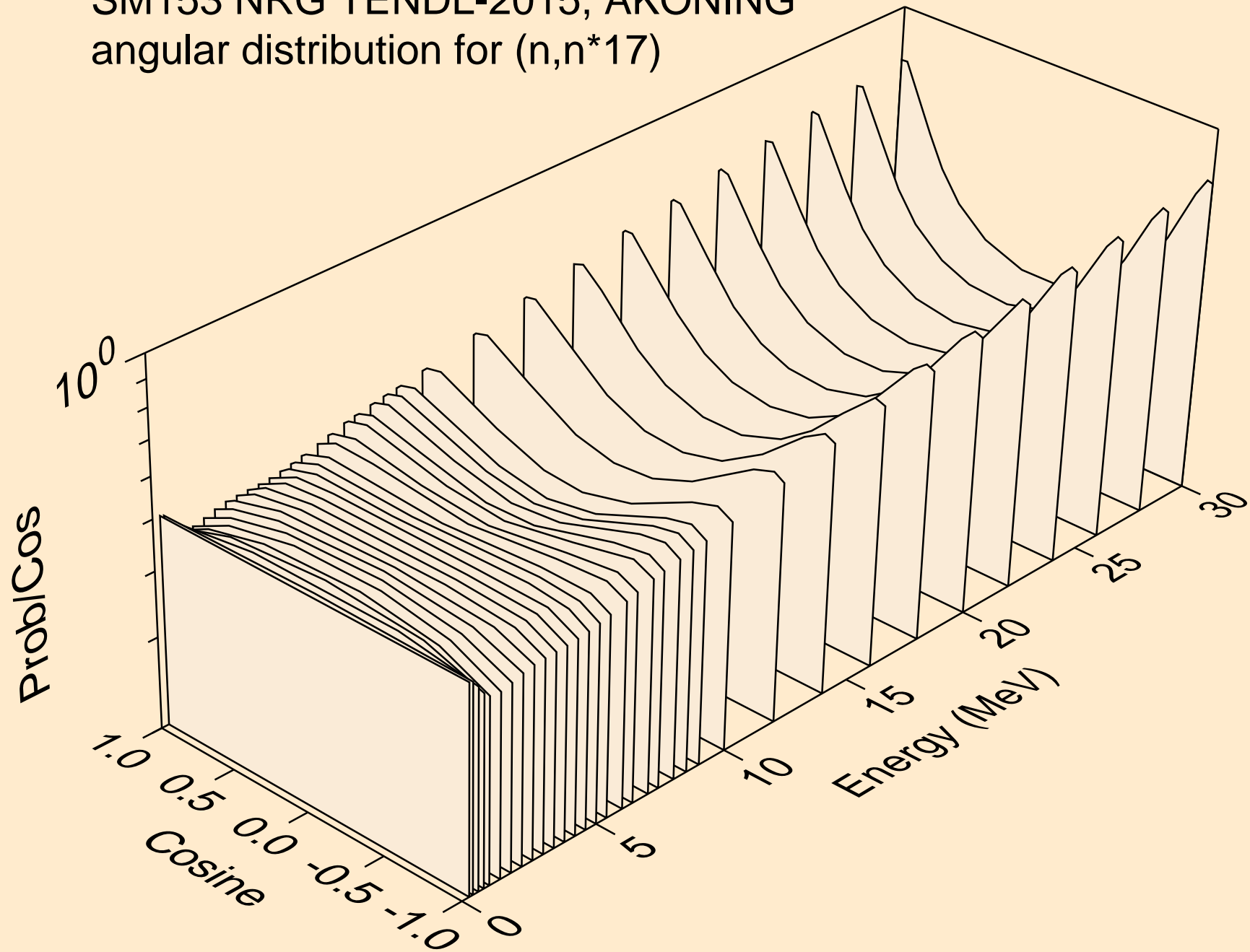




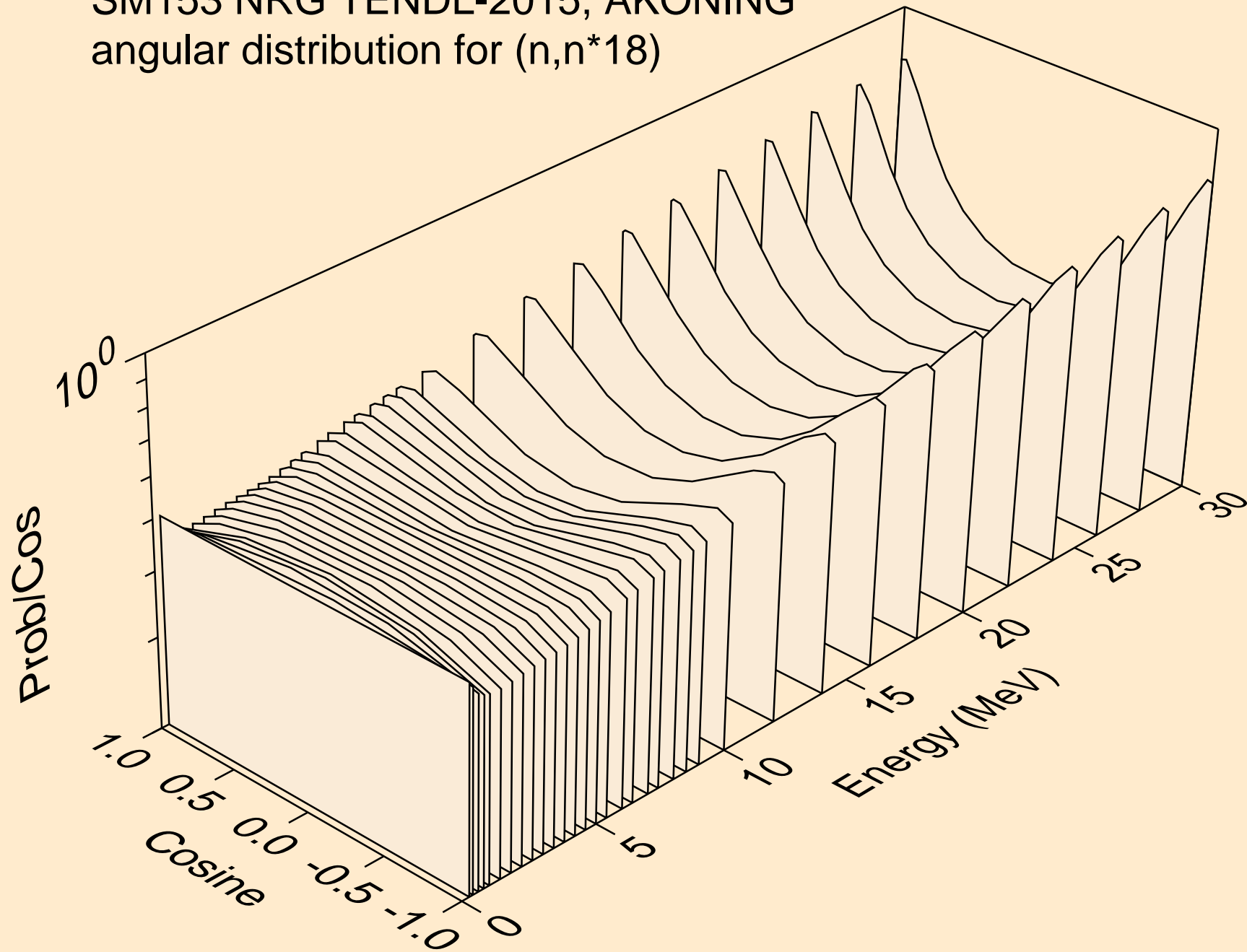
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



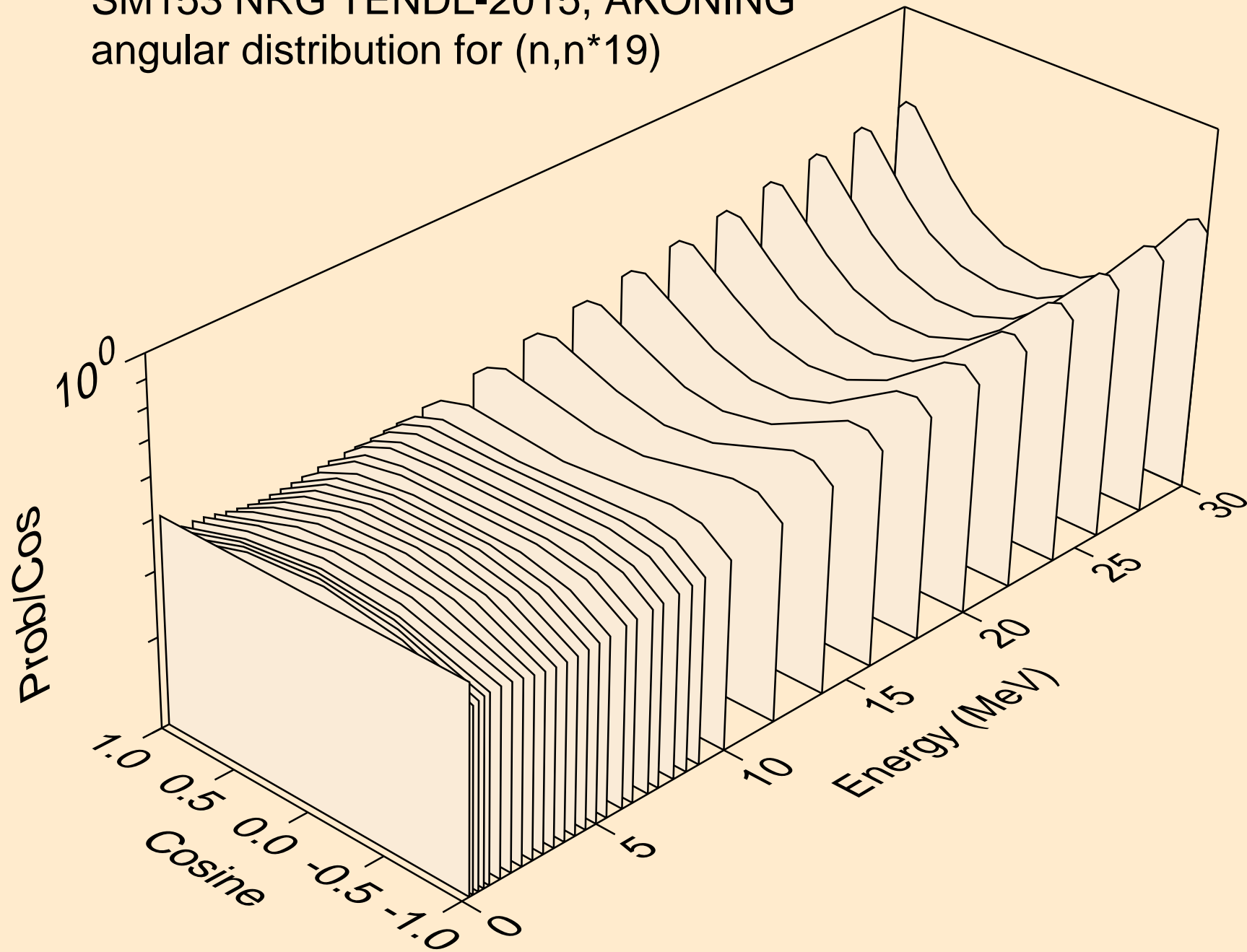
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



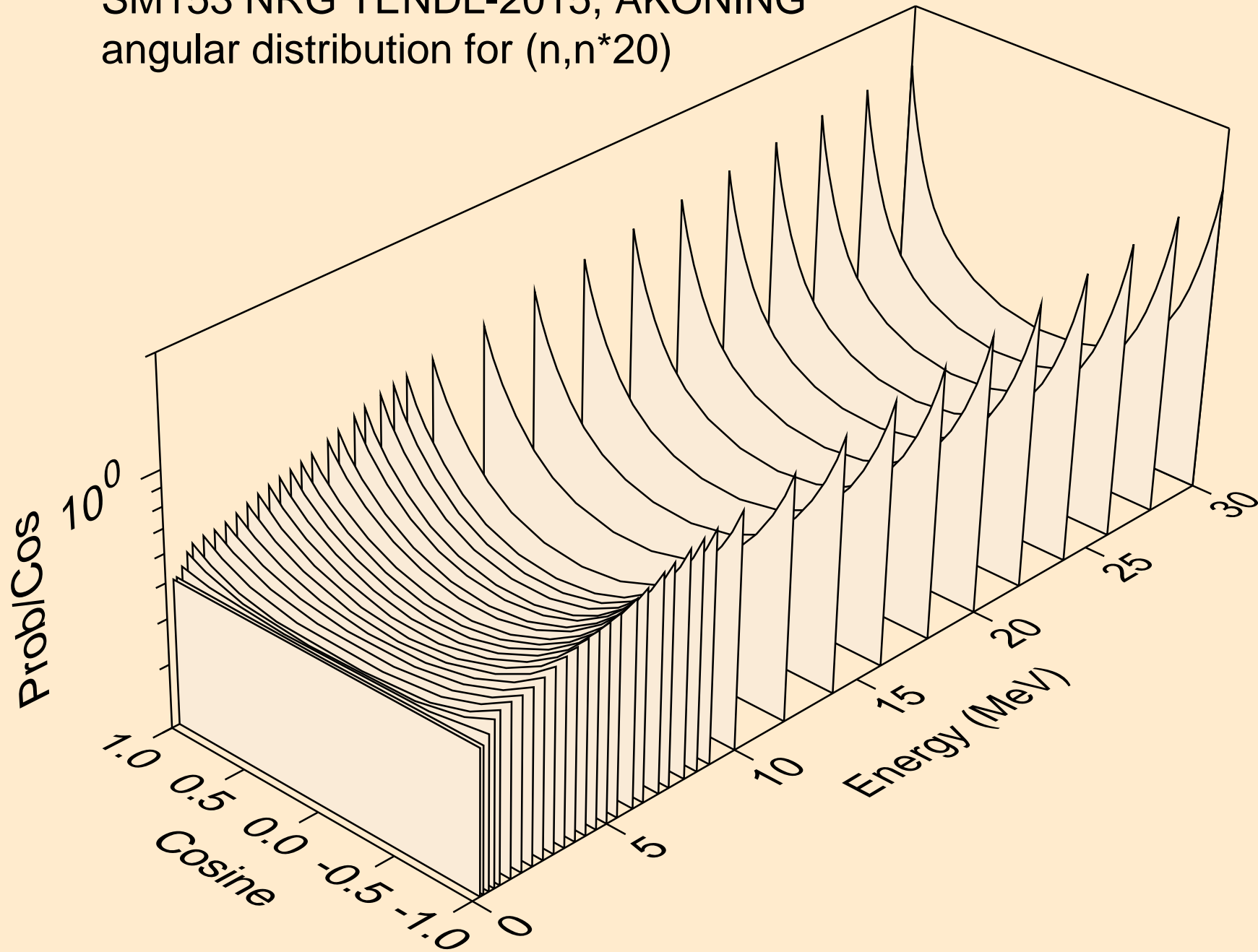
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



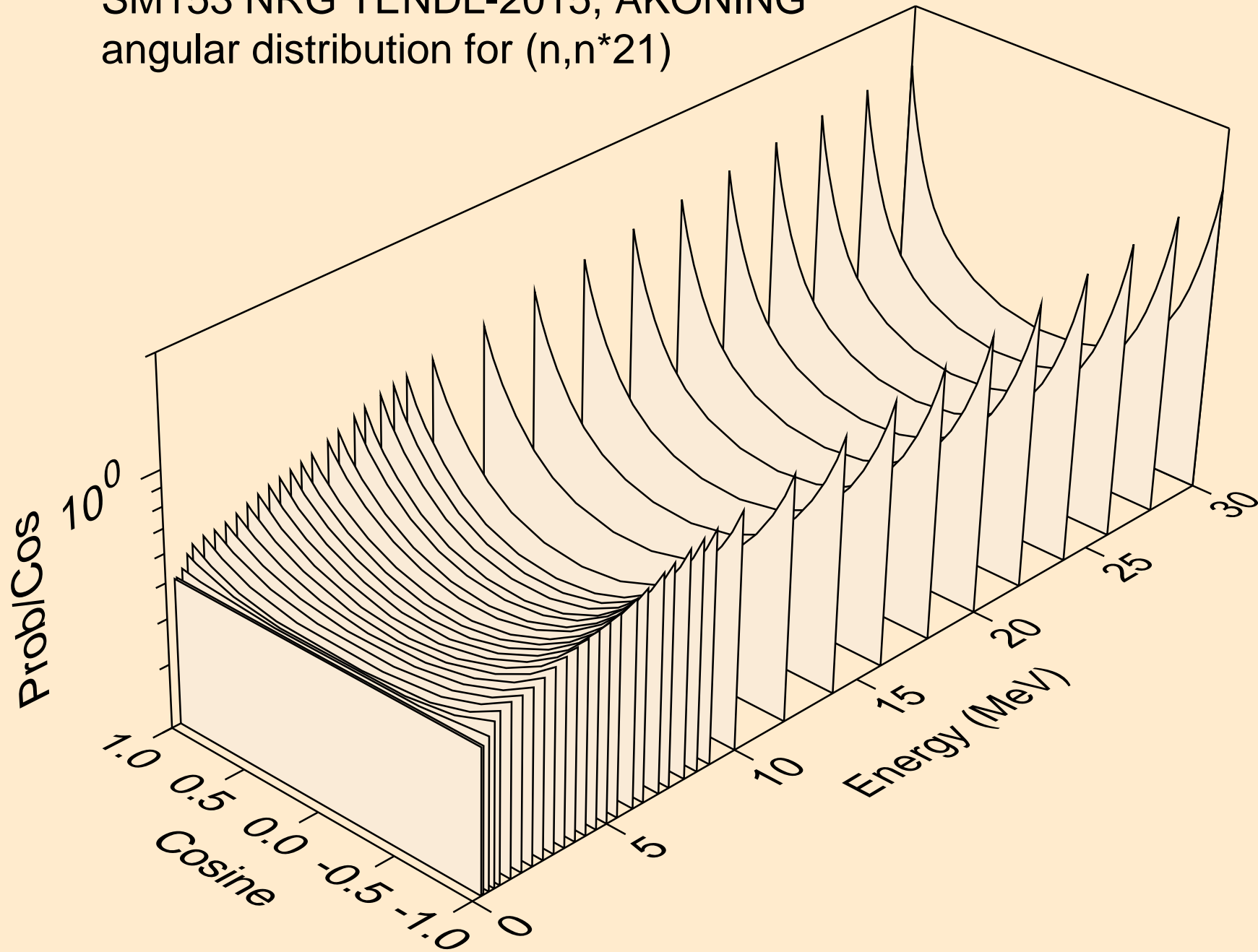
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



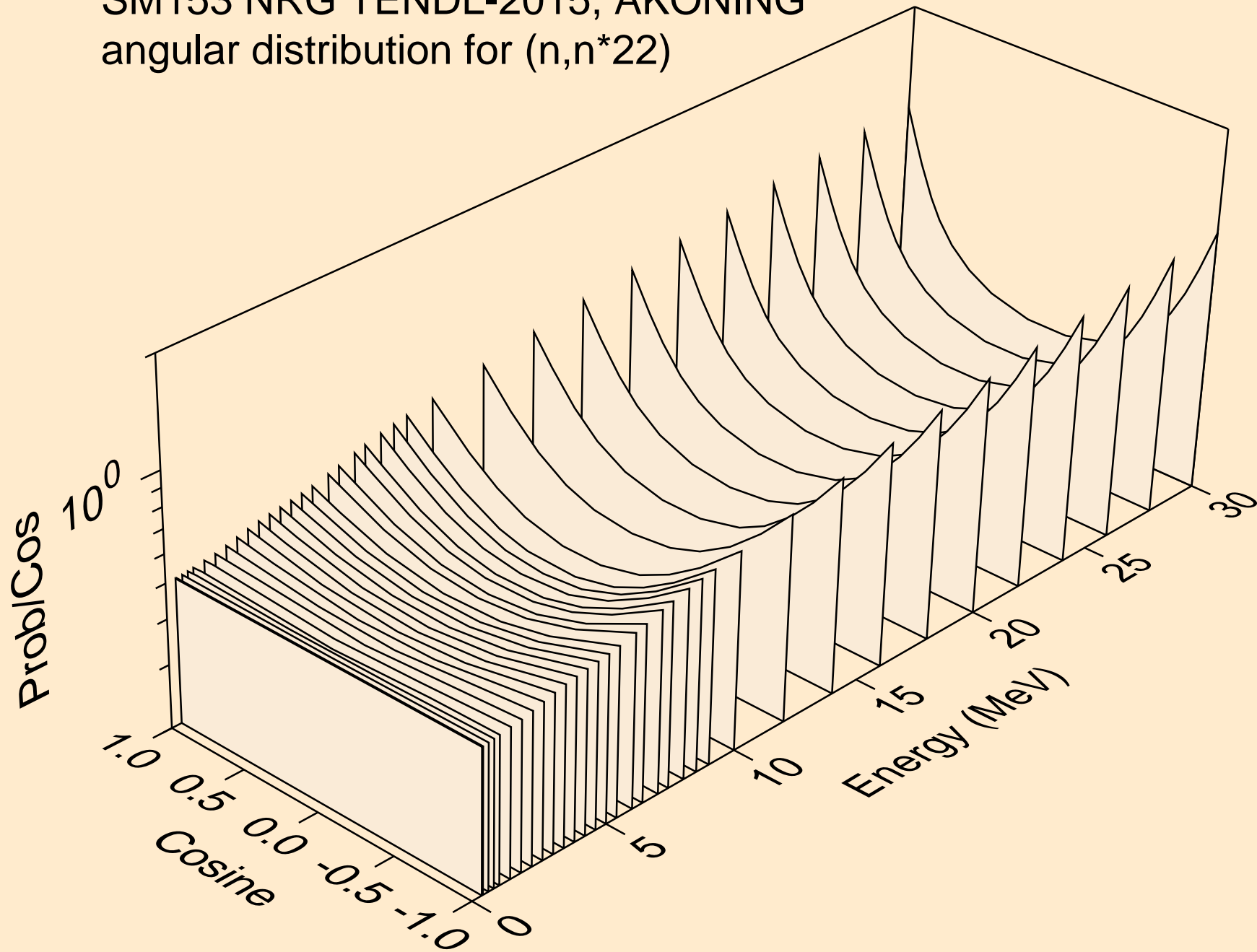
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



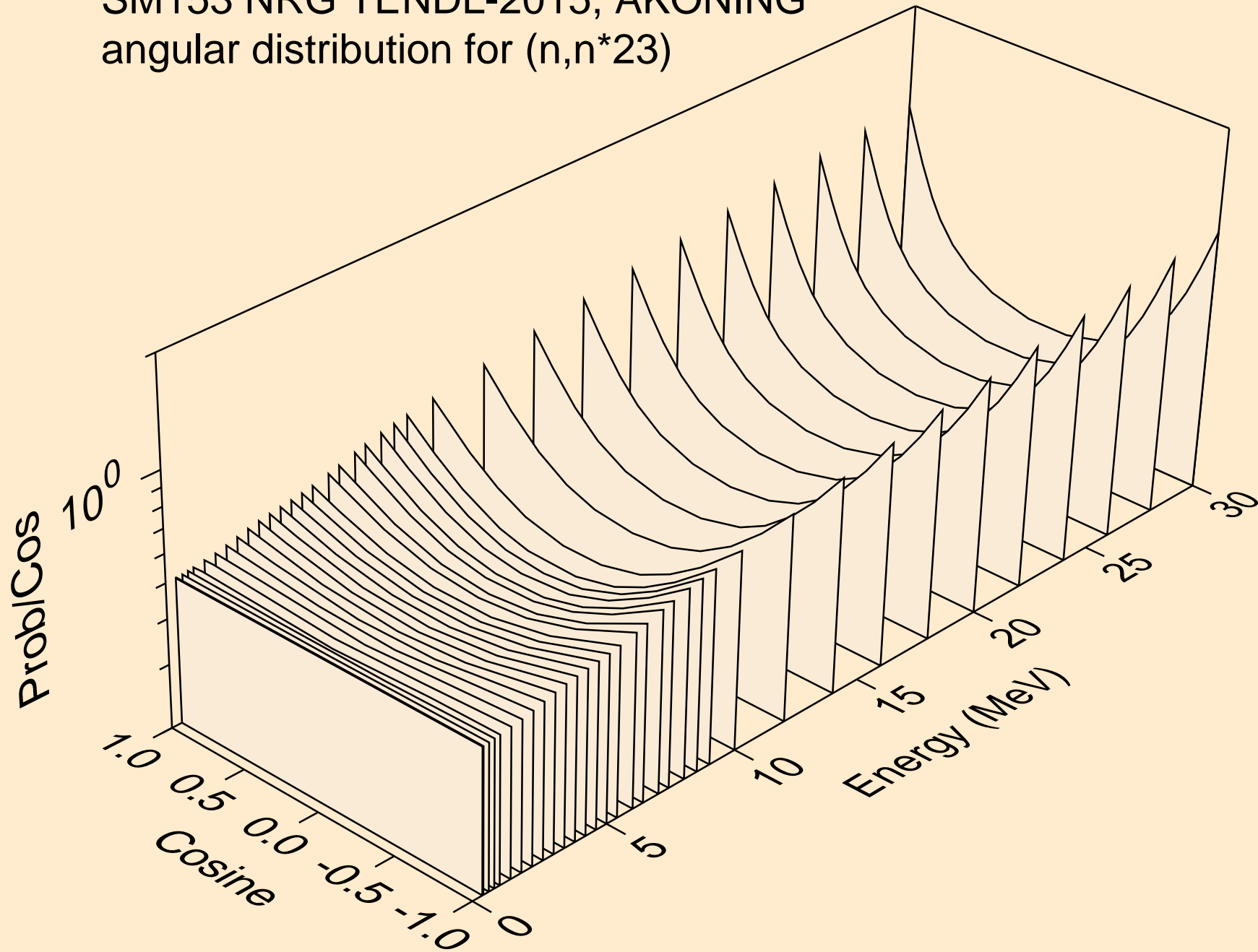
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

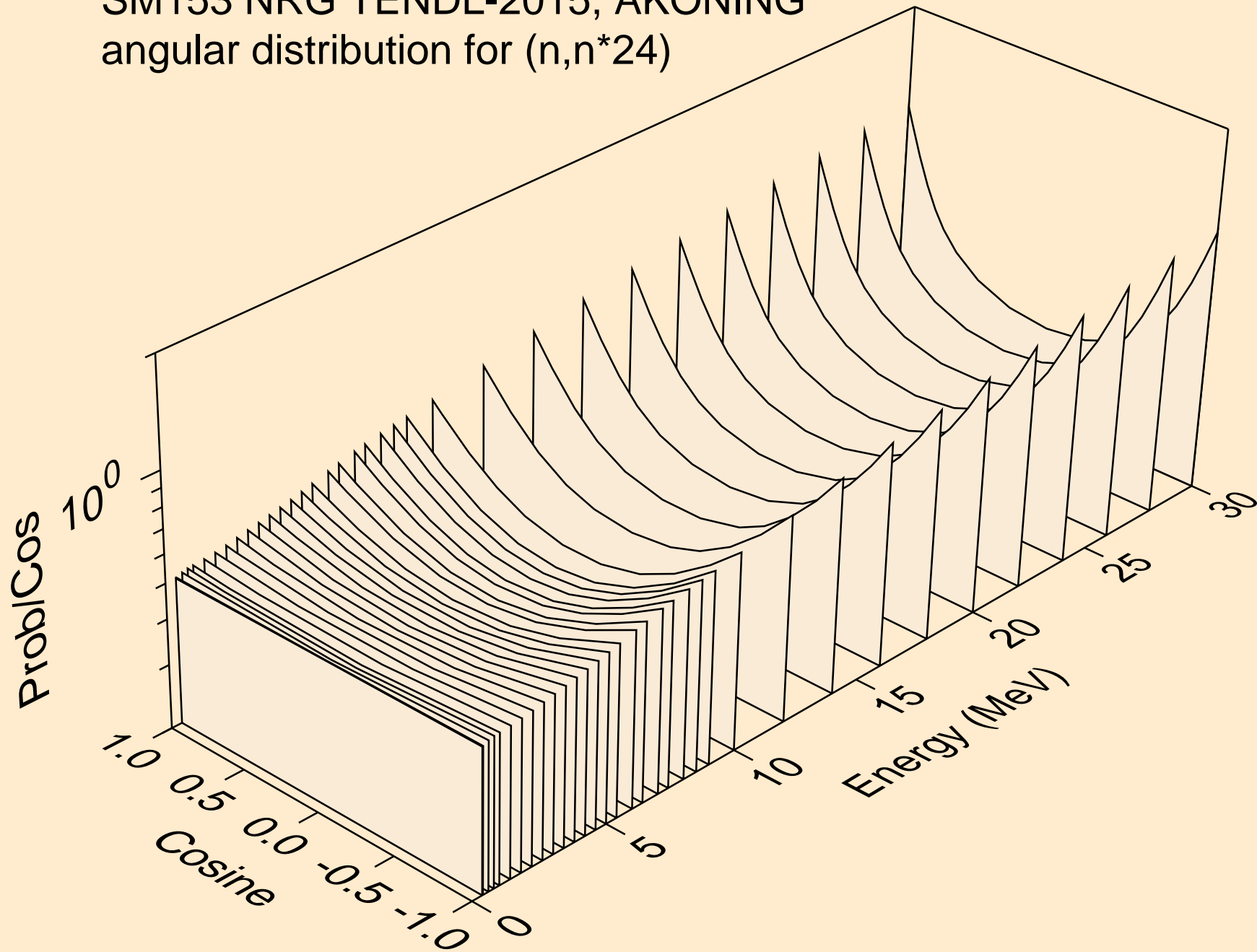


SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

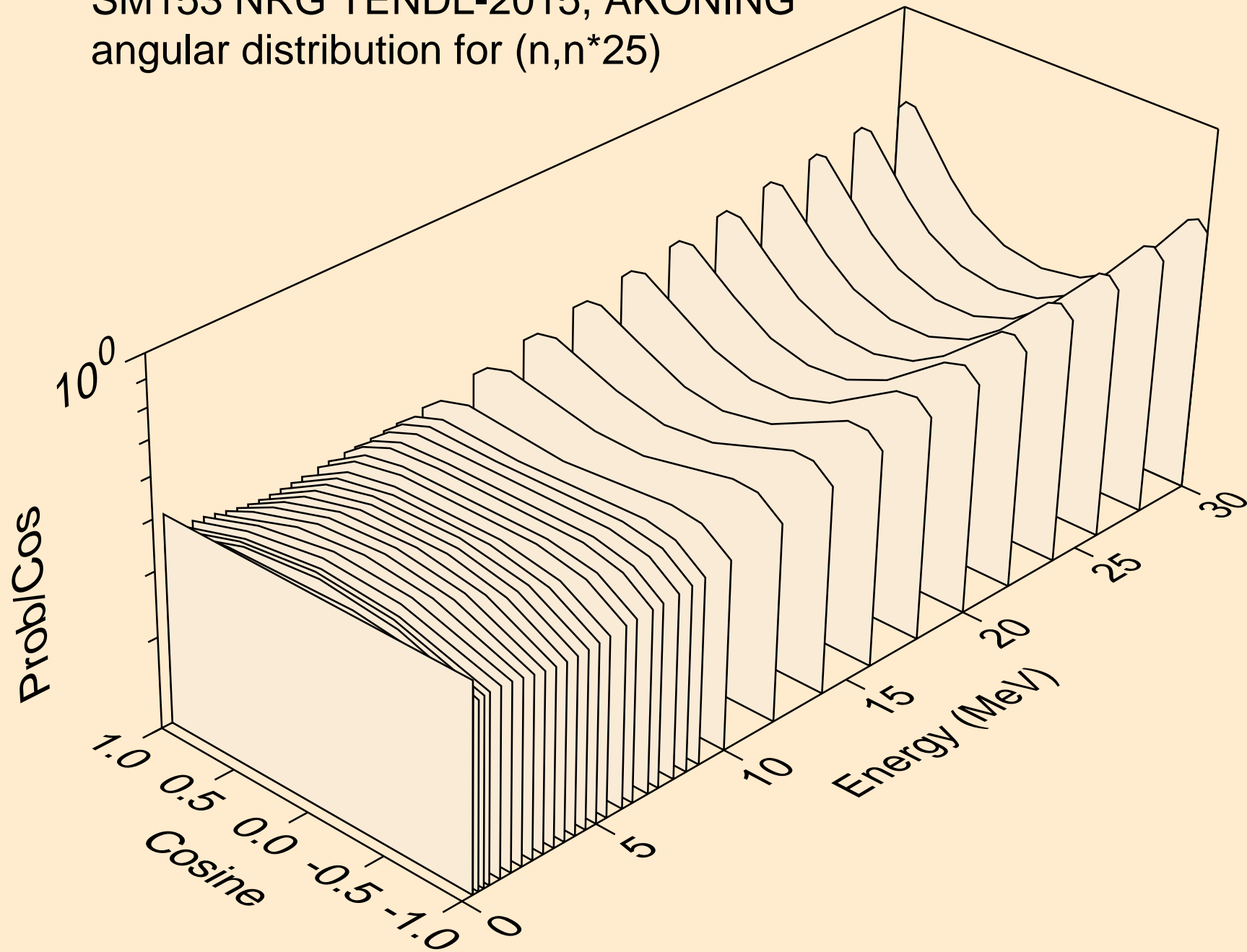




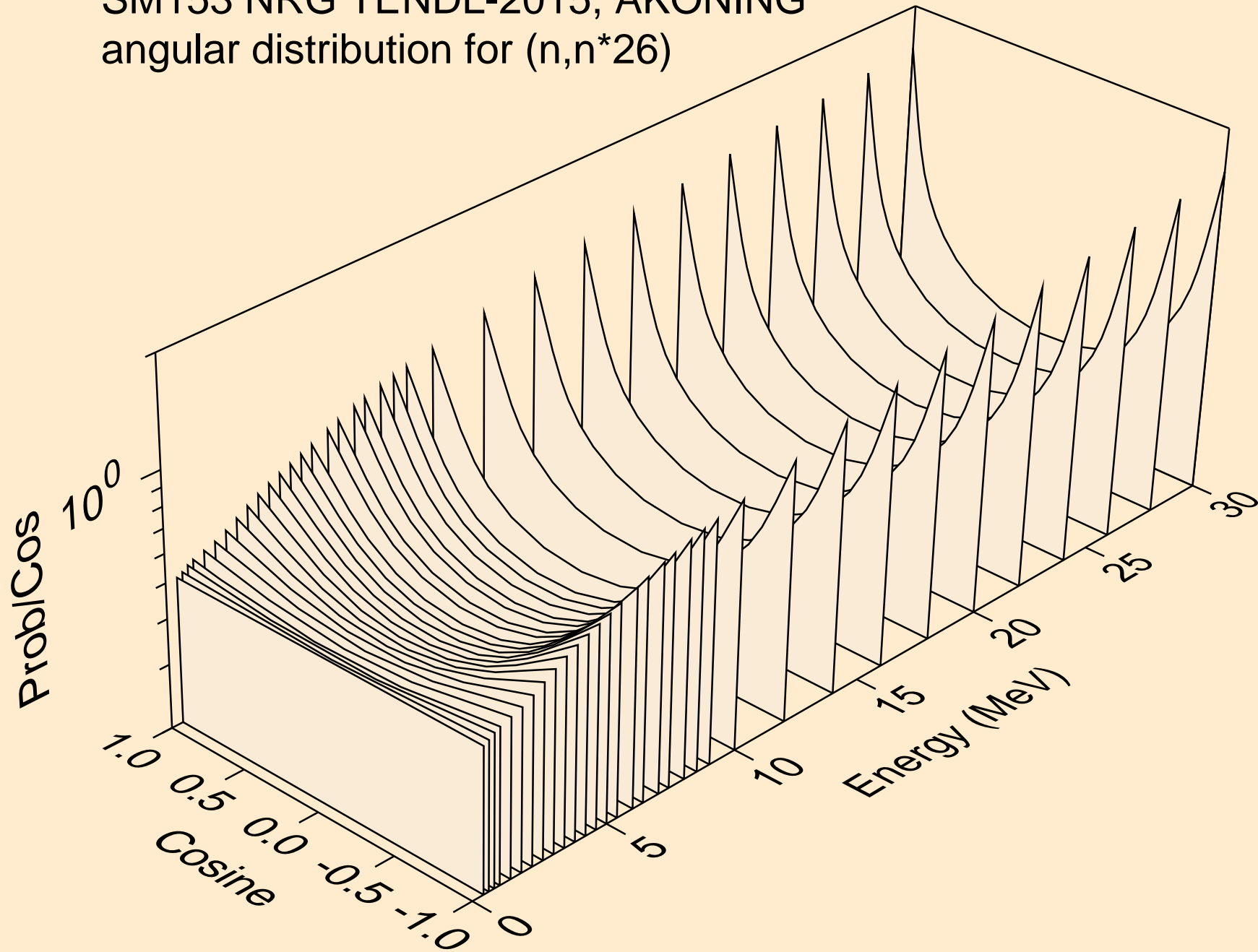
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



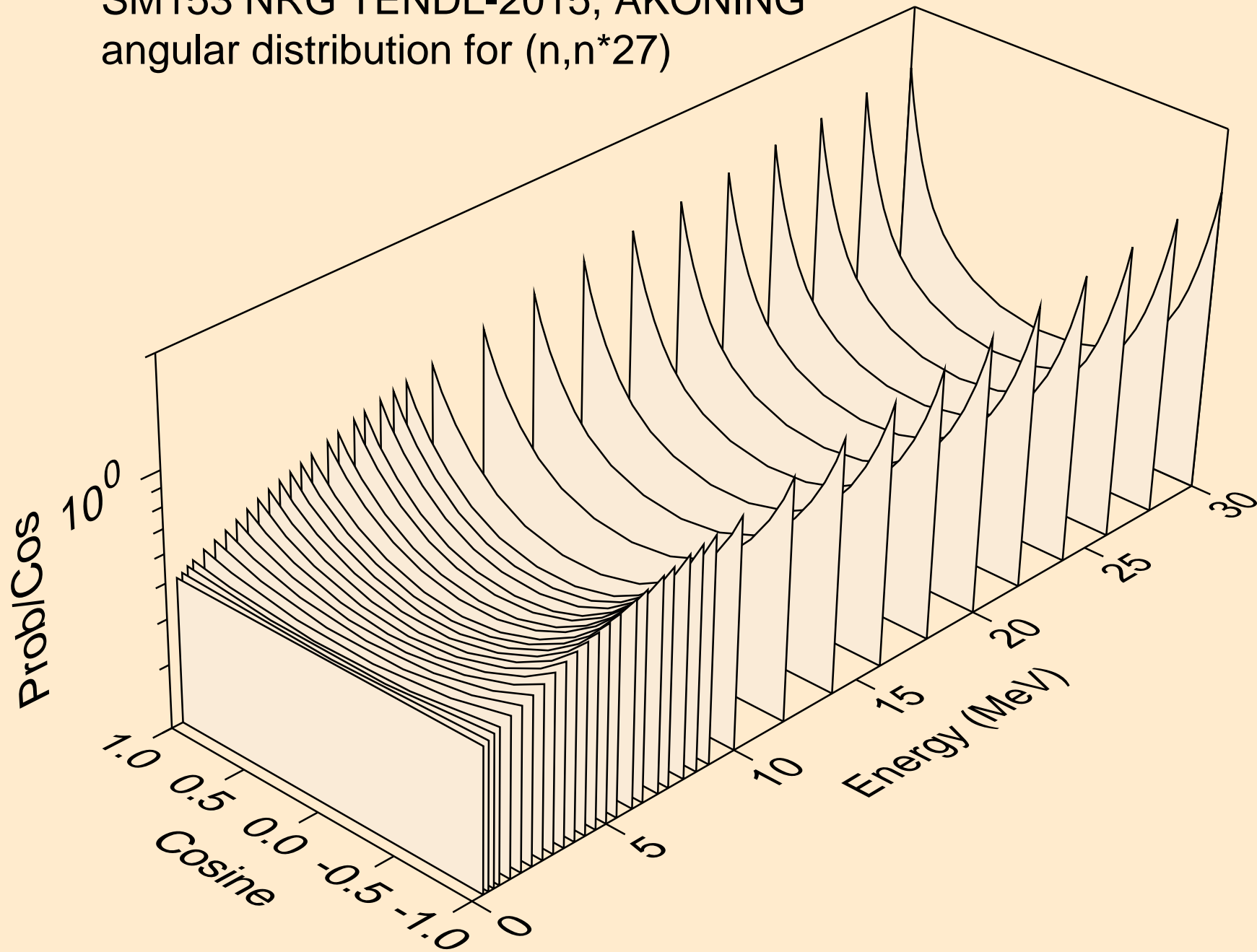
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



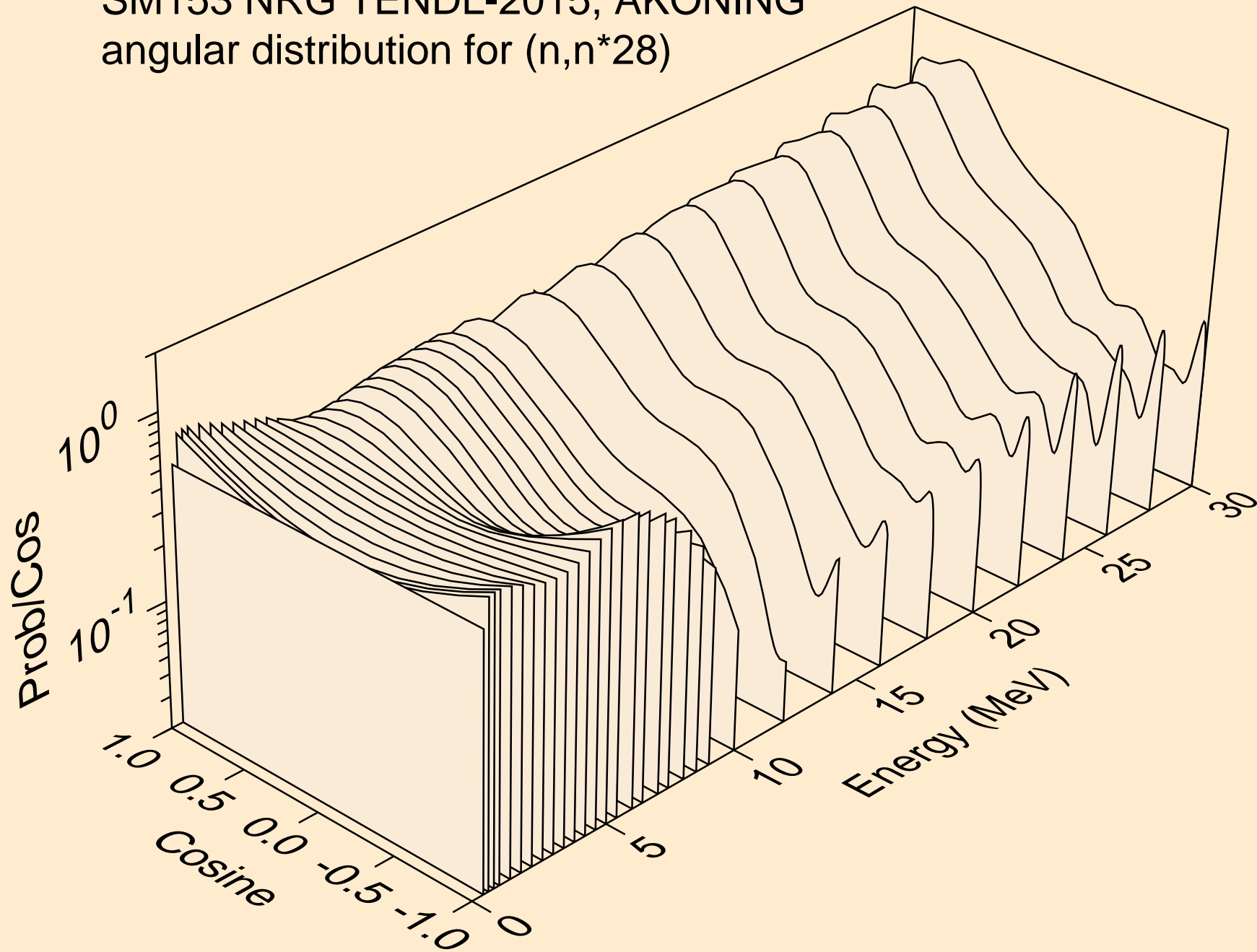
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



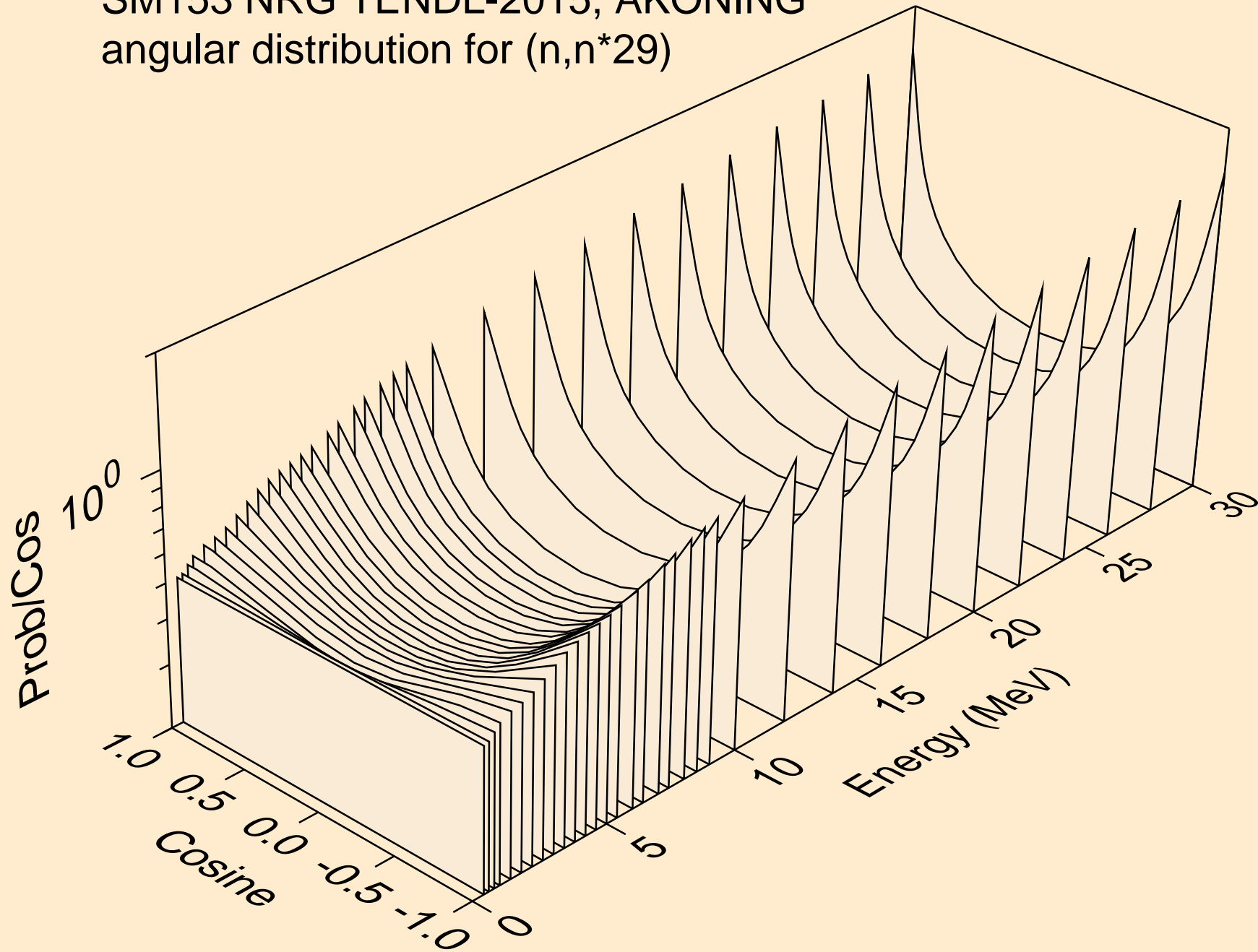
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



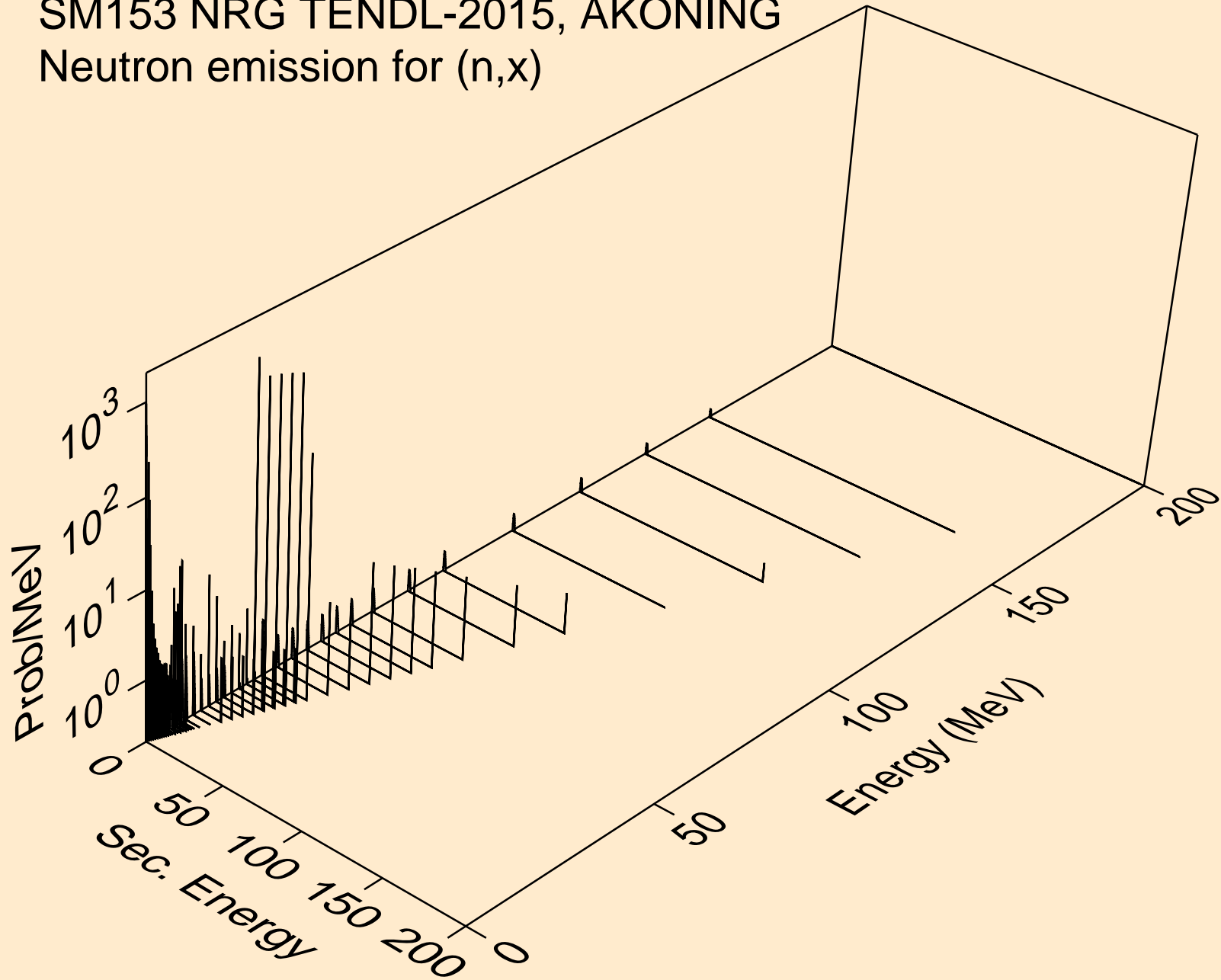
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



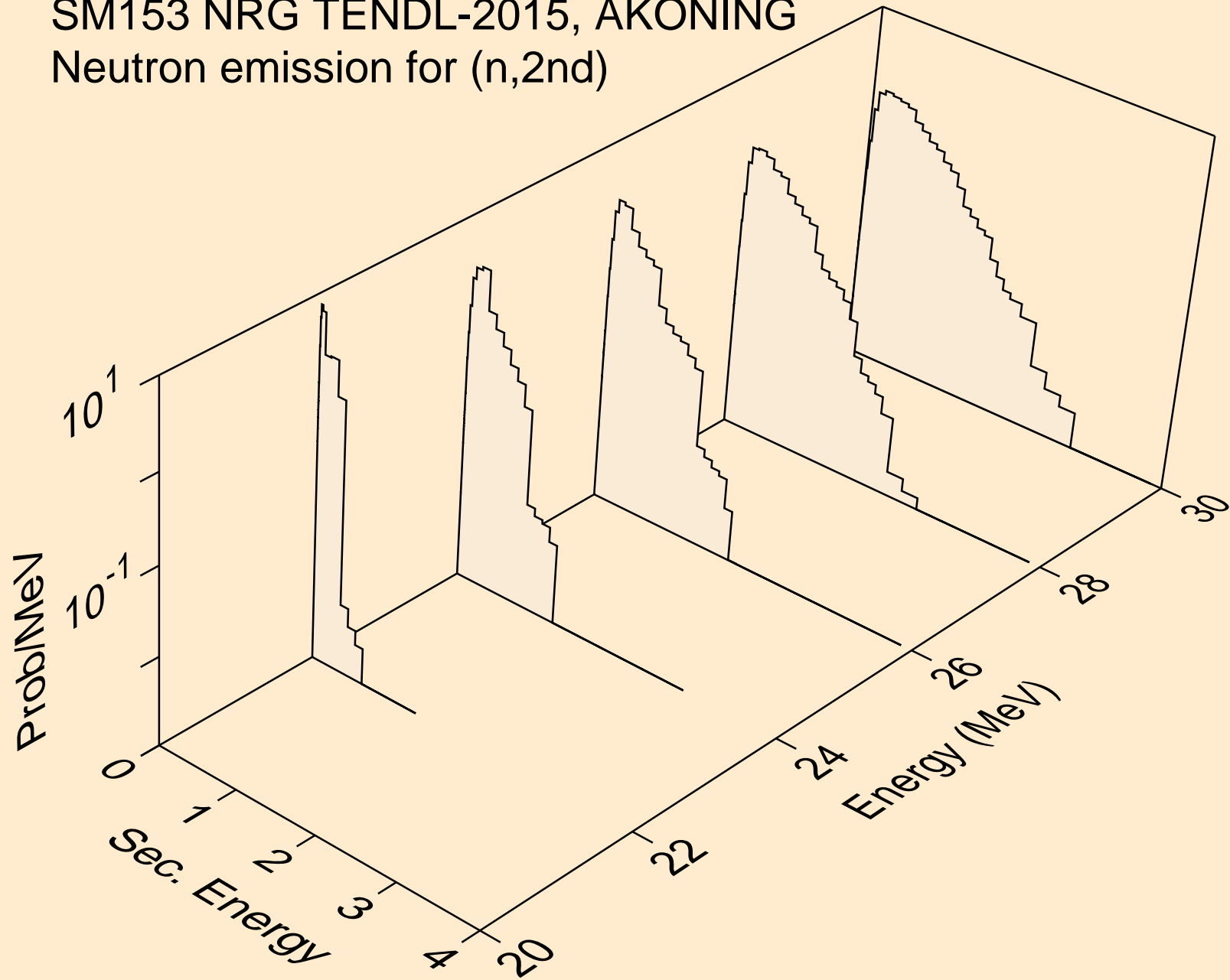
SM153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

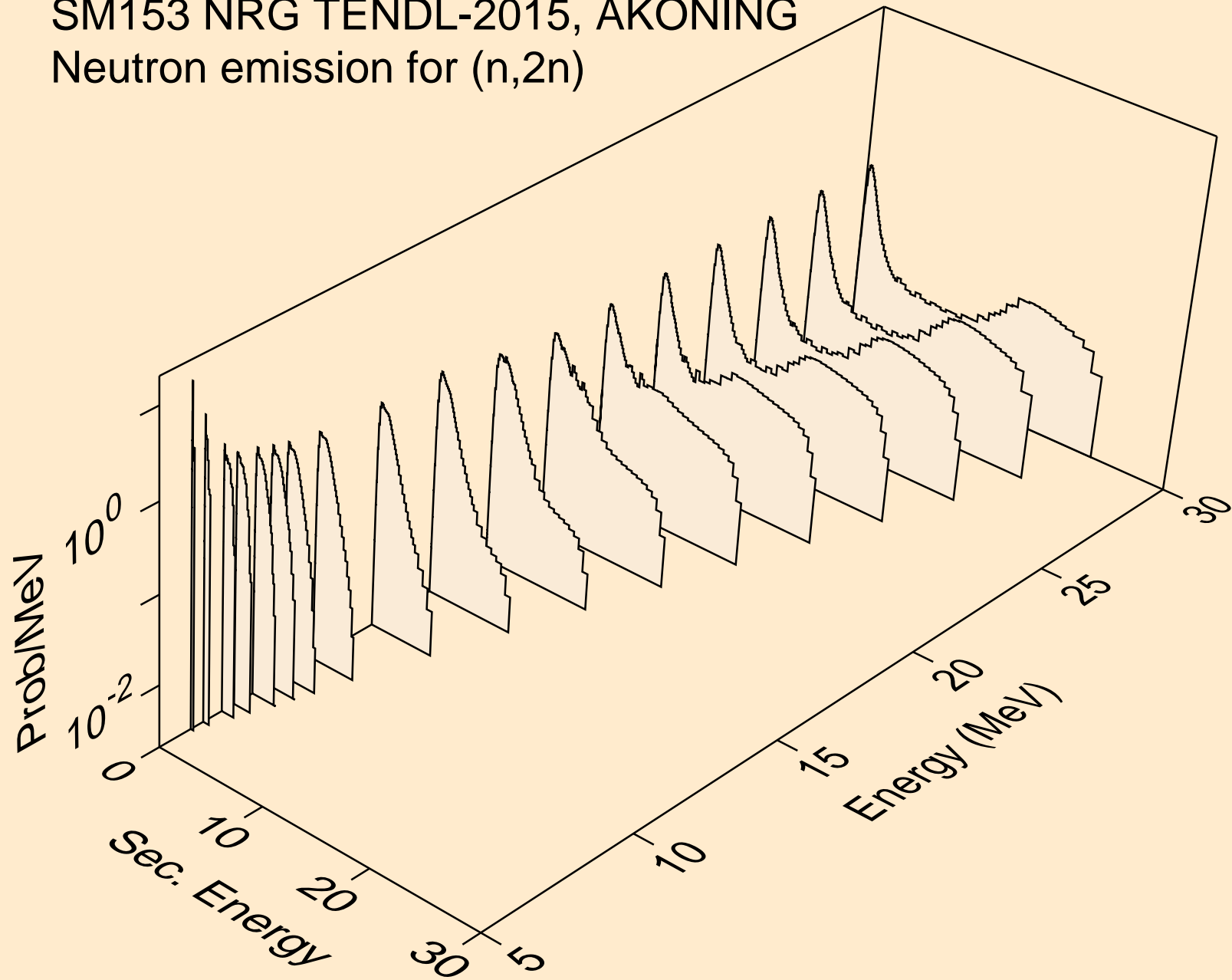


SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

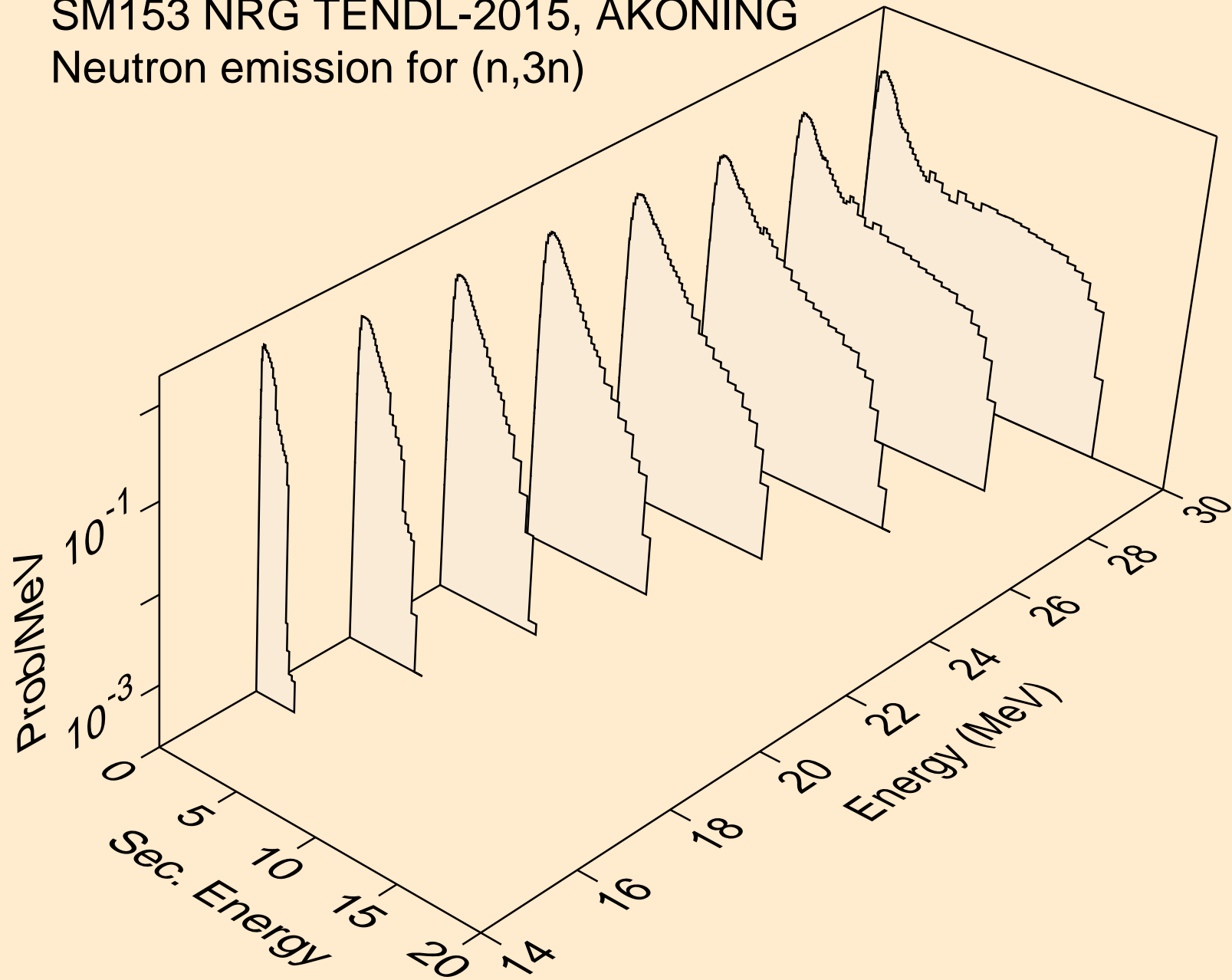




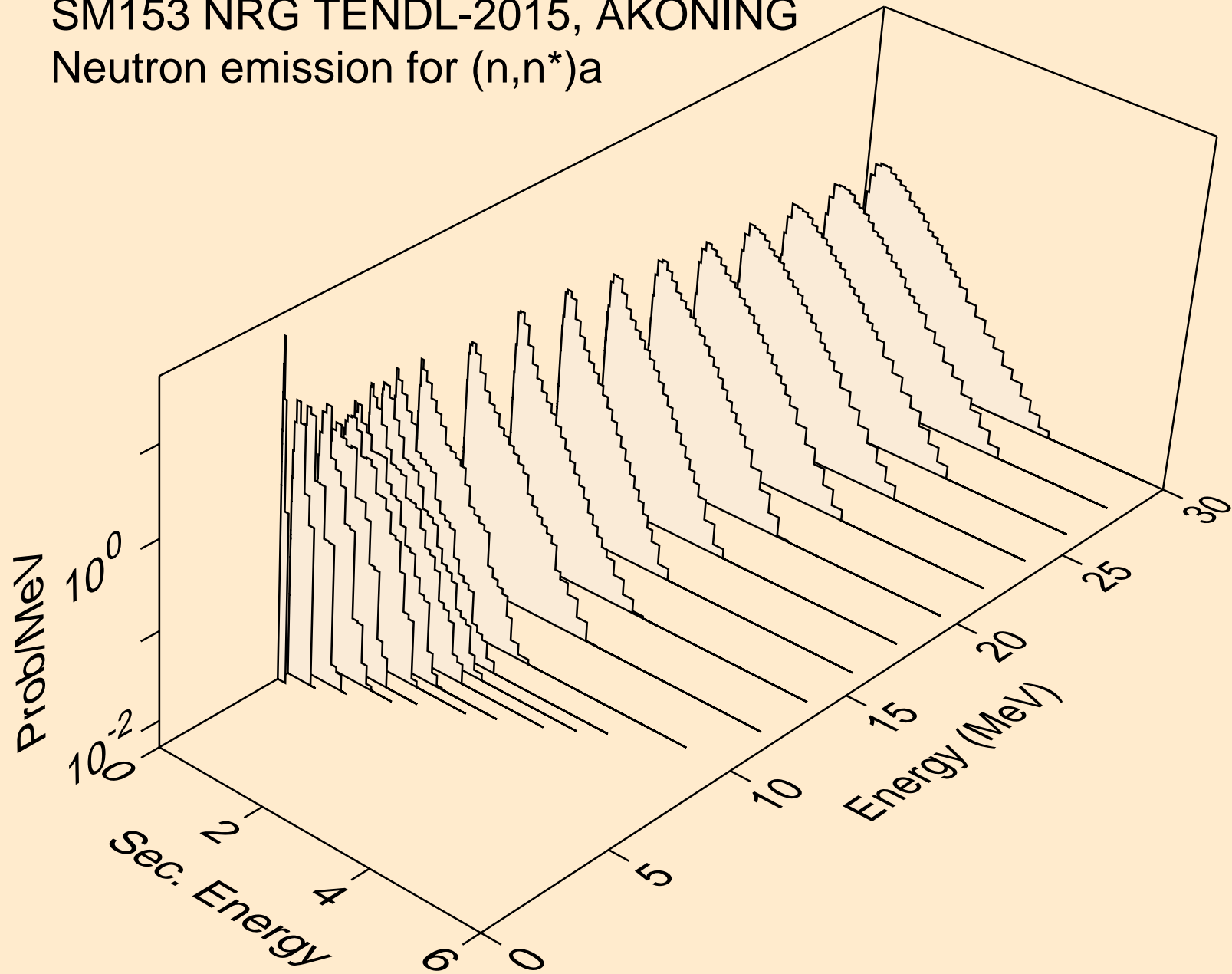
SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



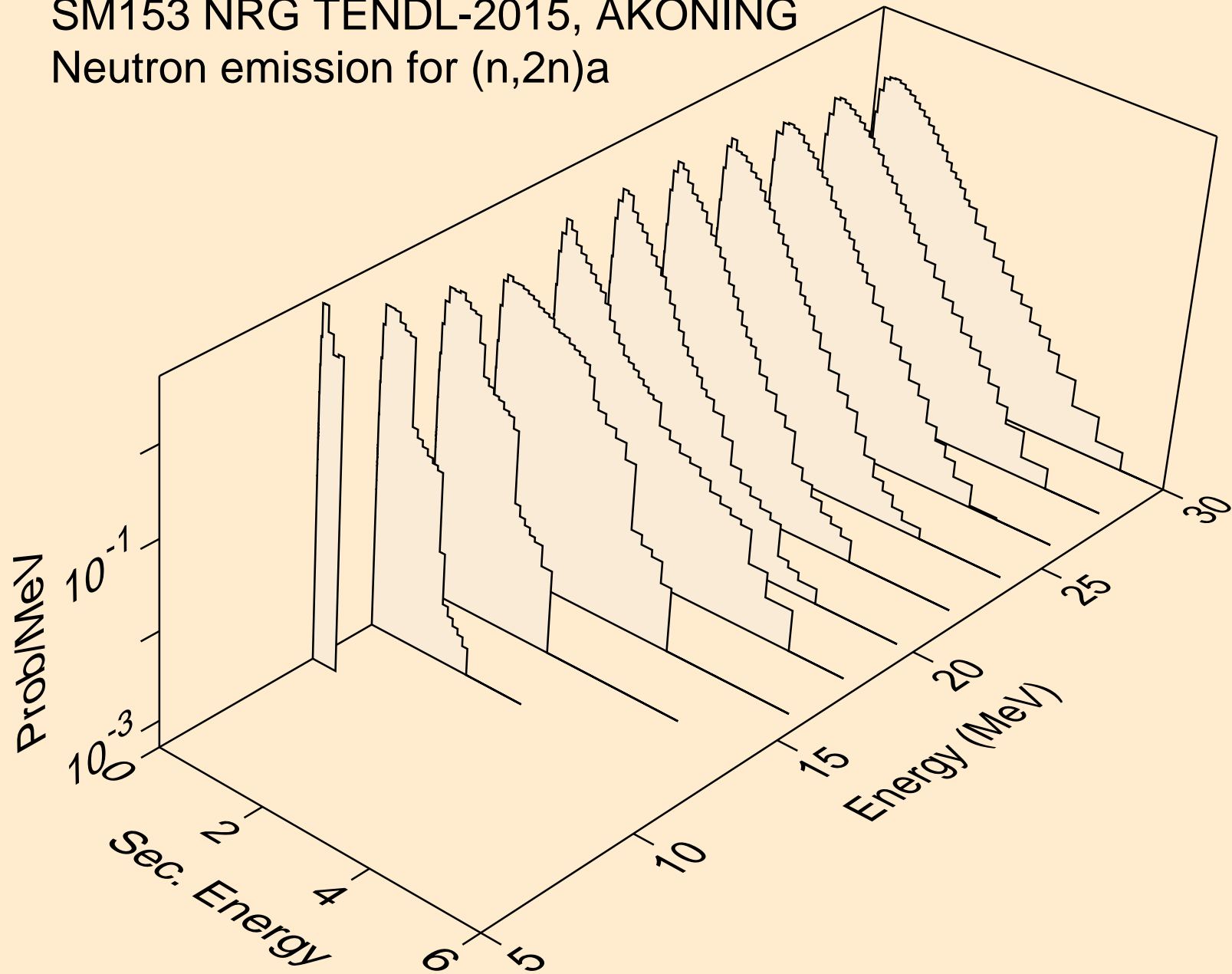
SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



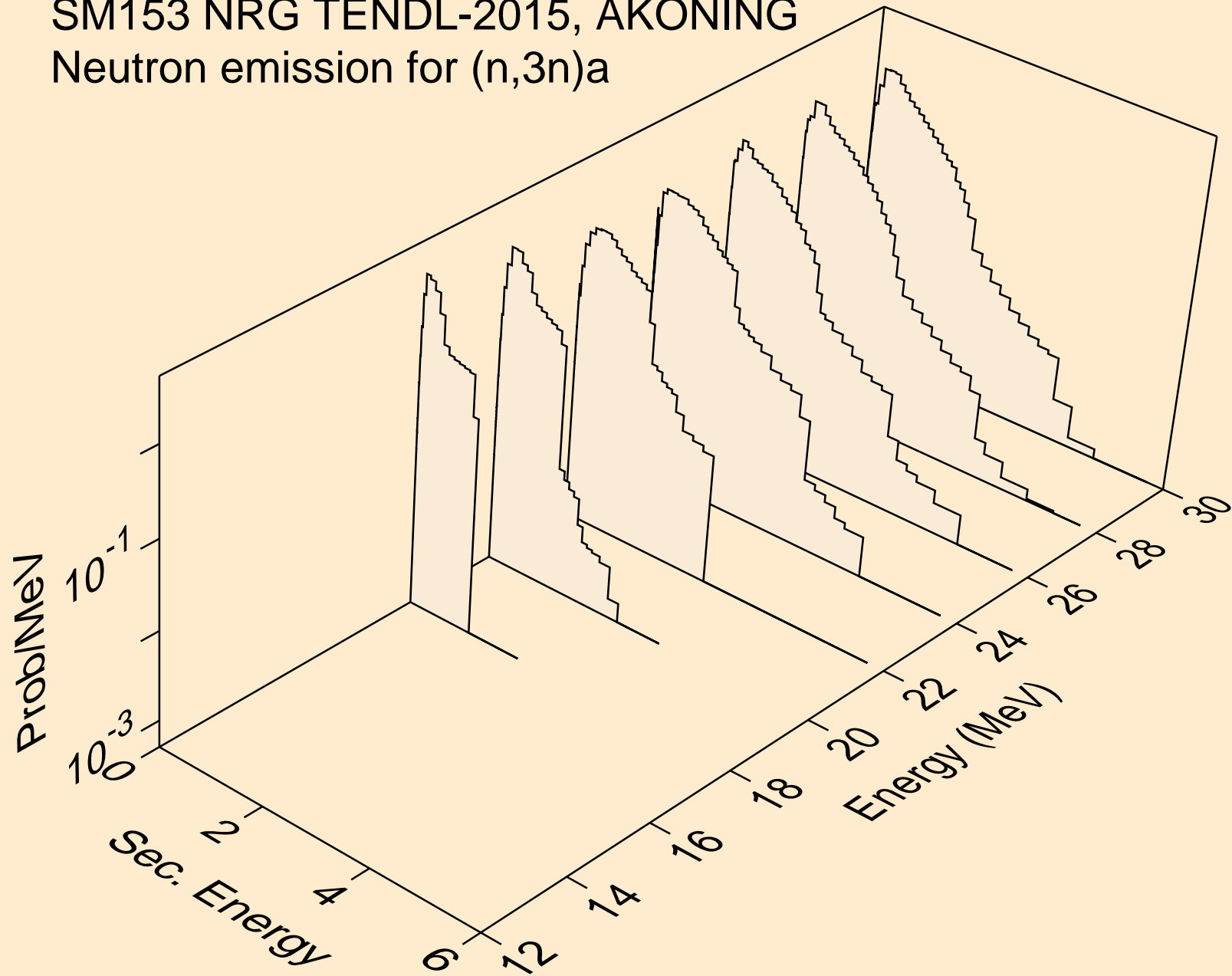
SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



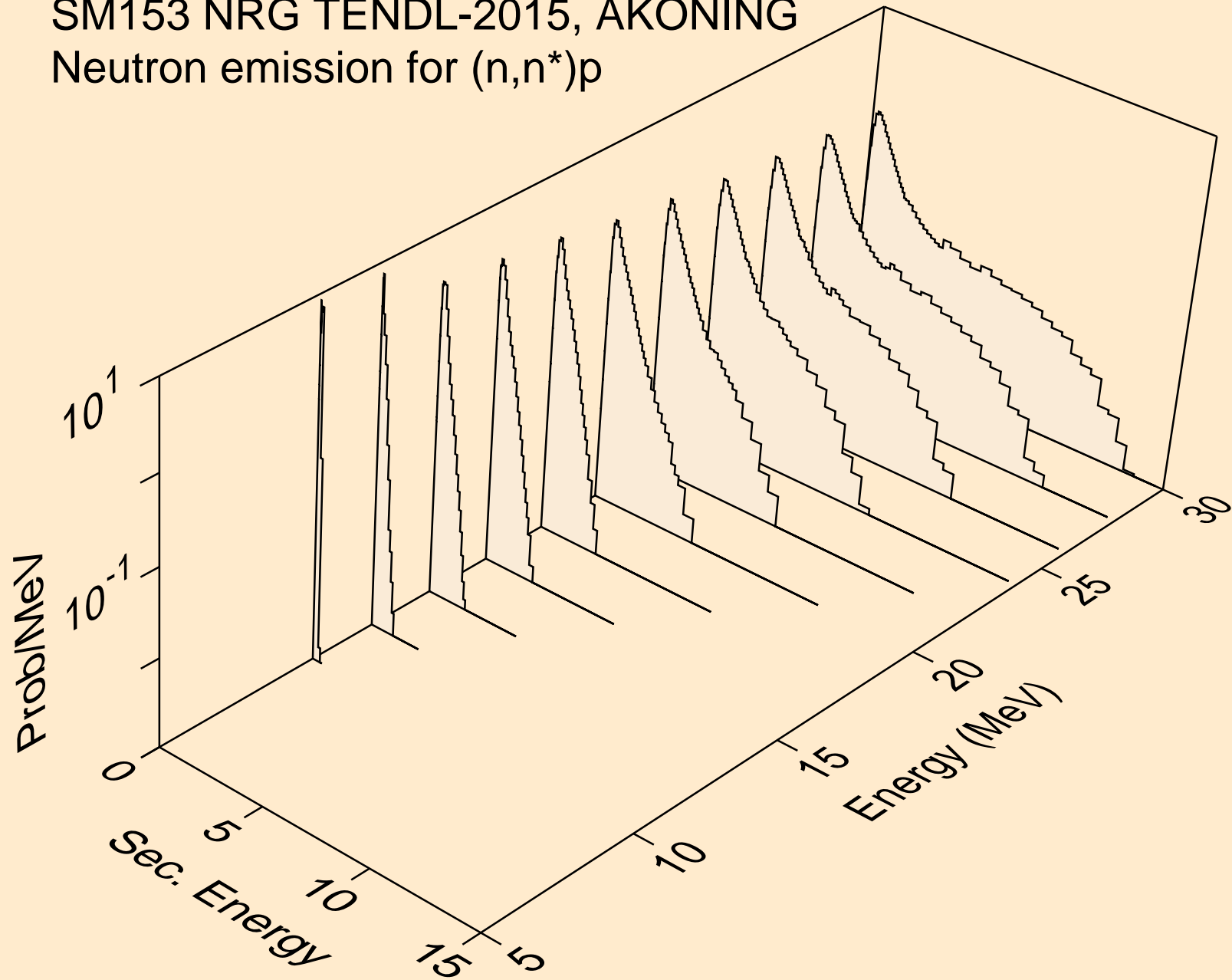
SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



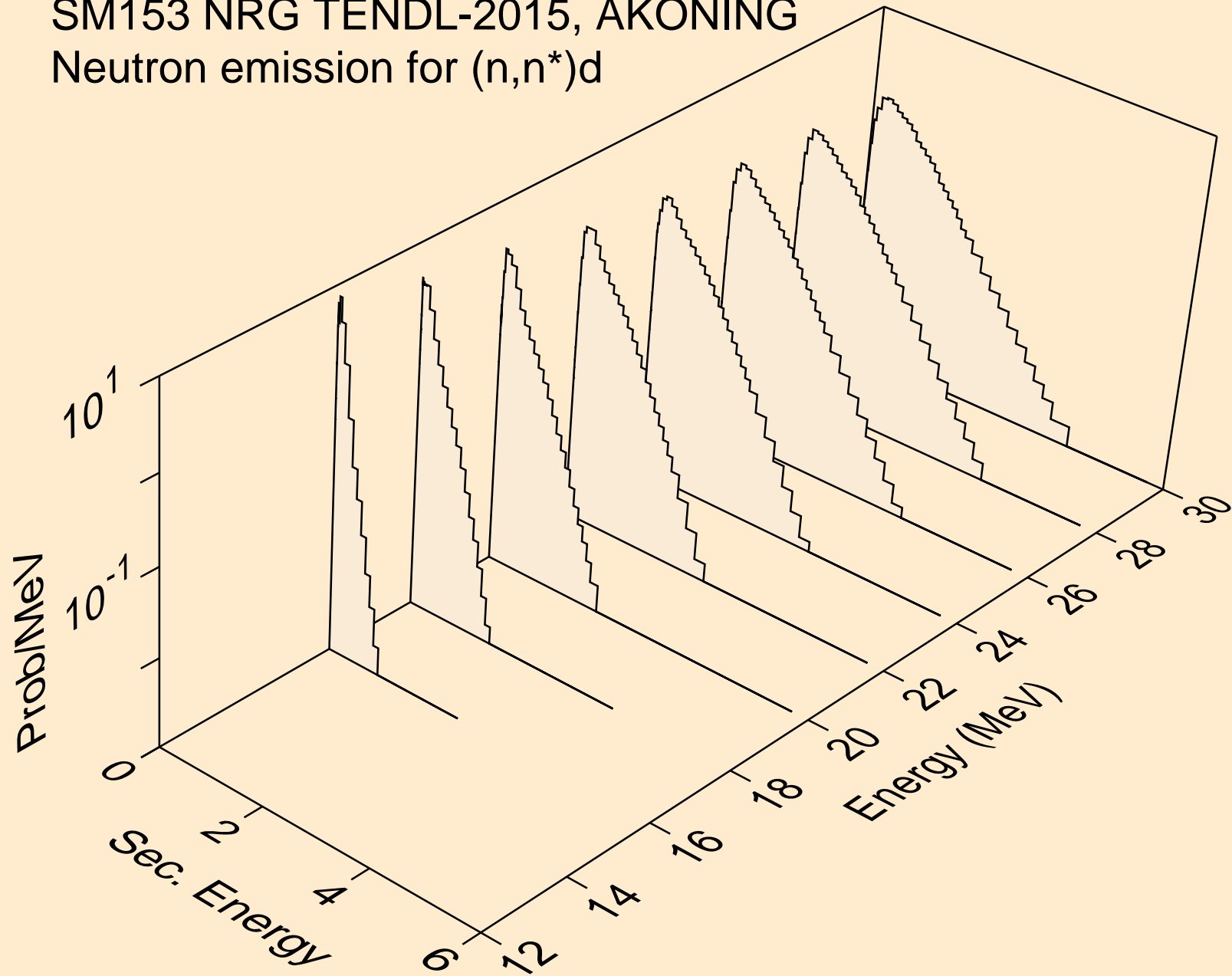
SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



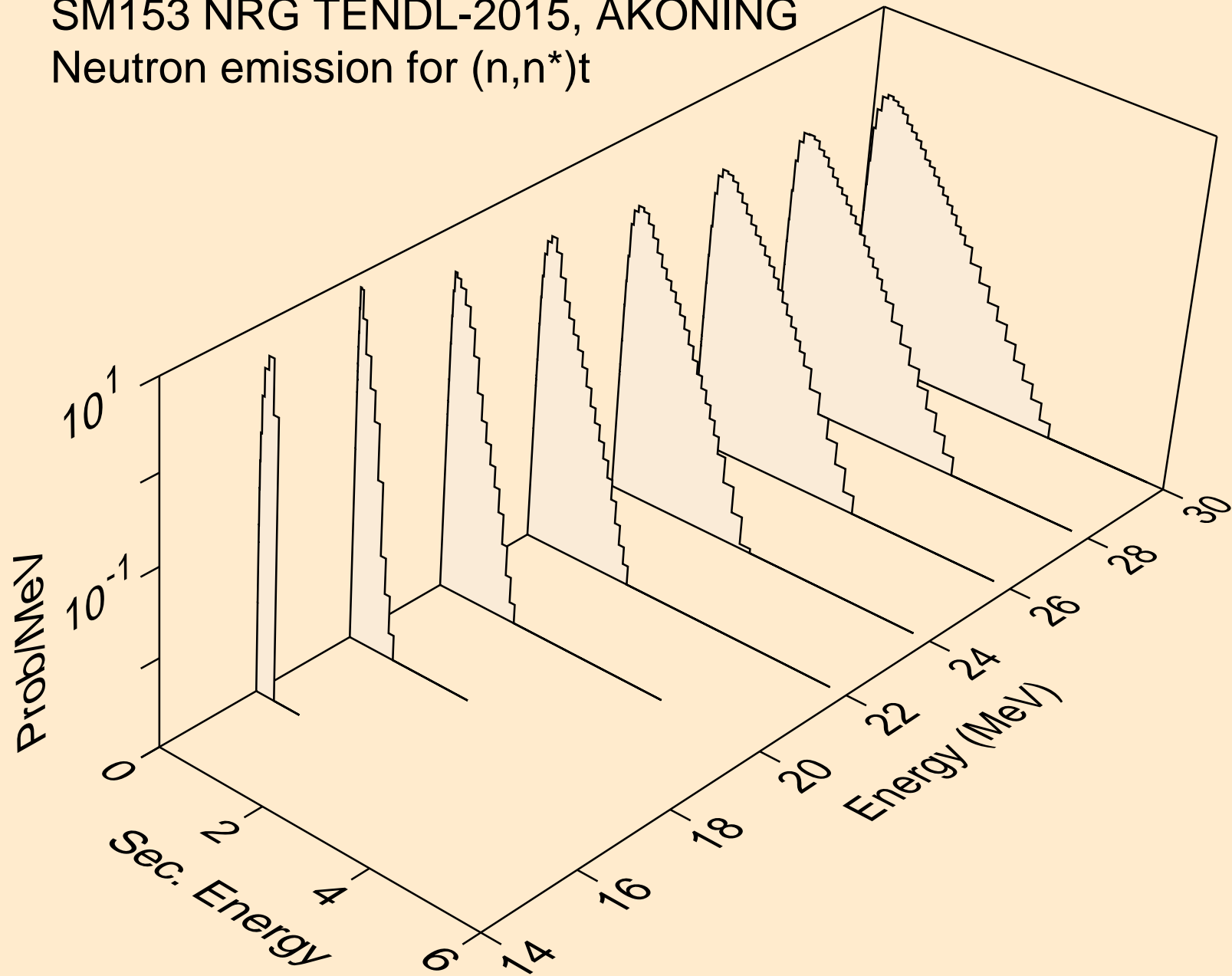
SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

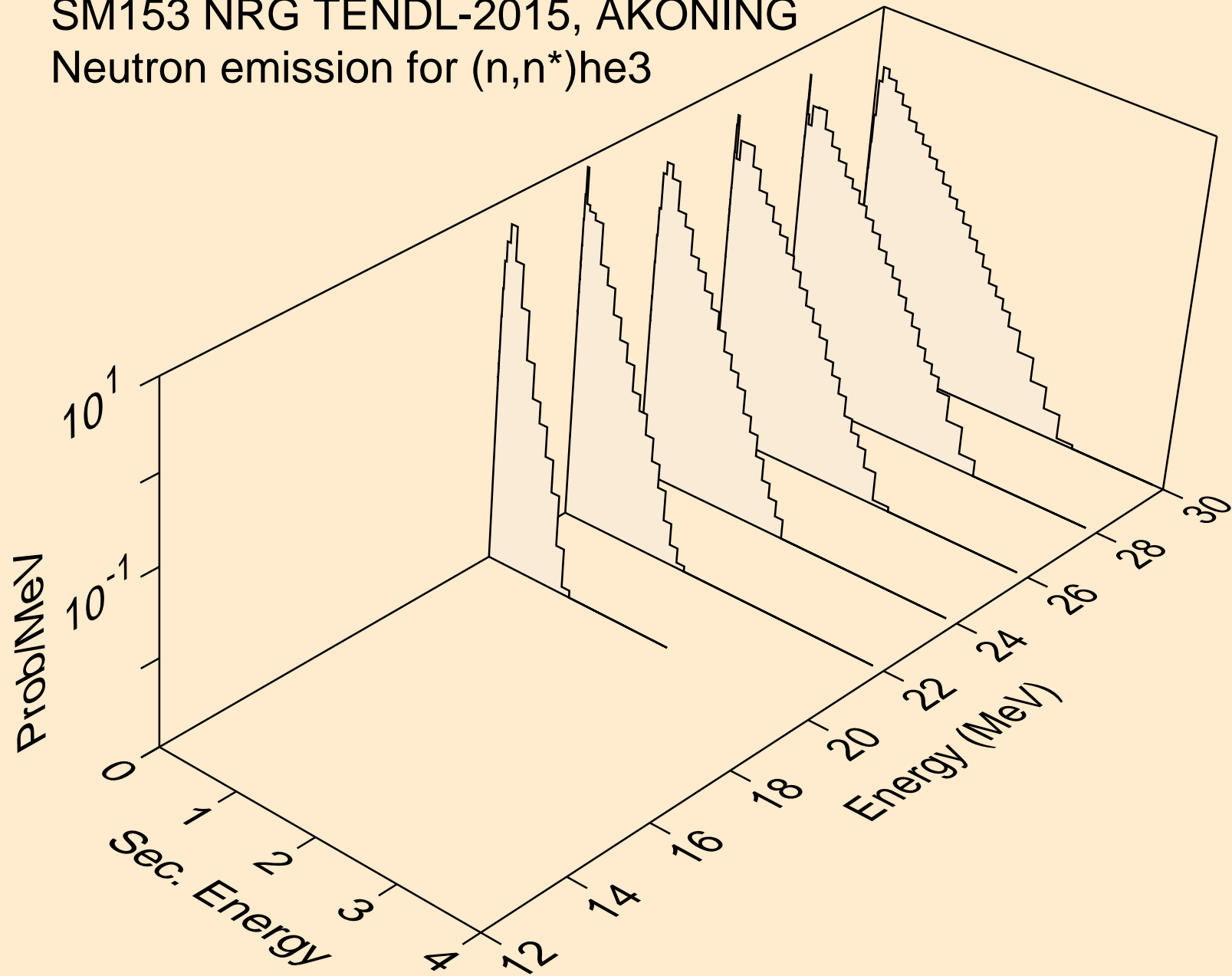


SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

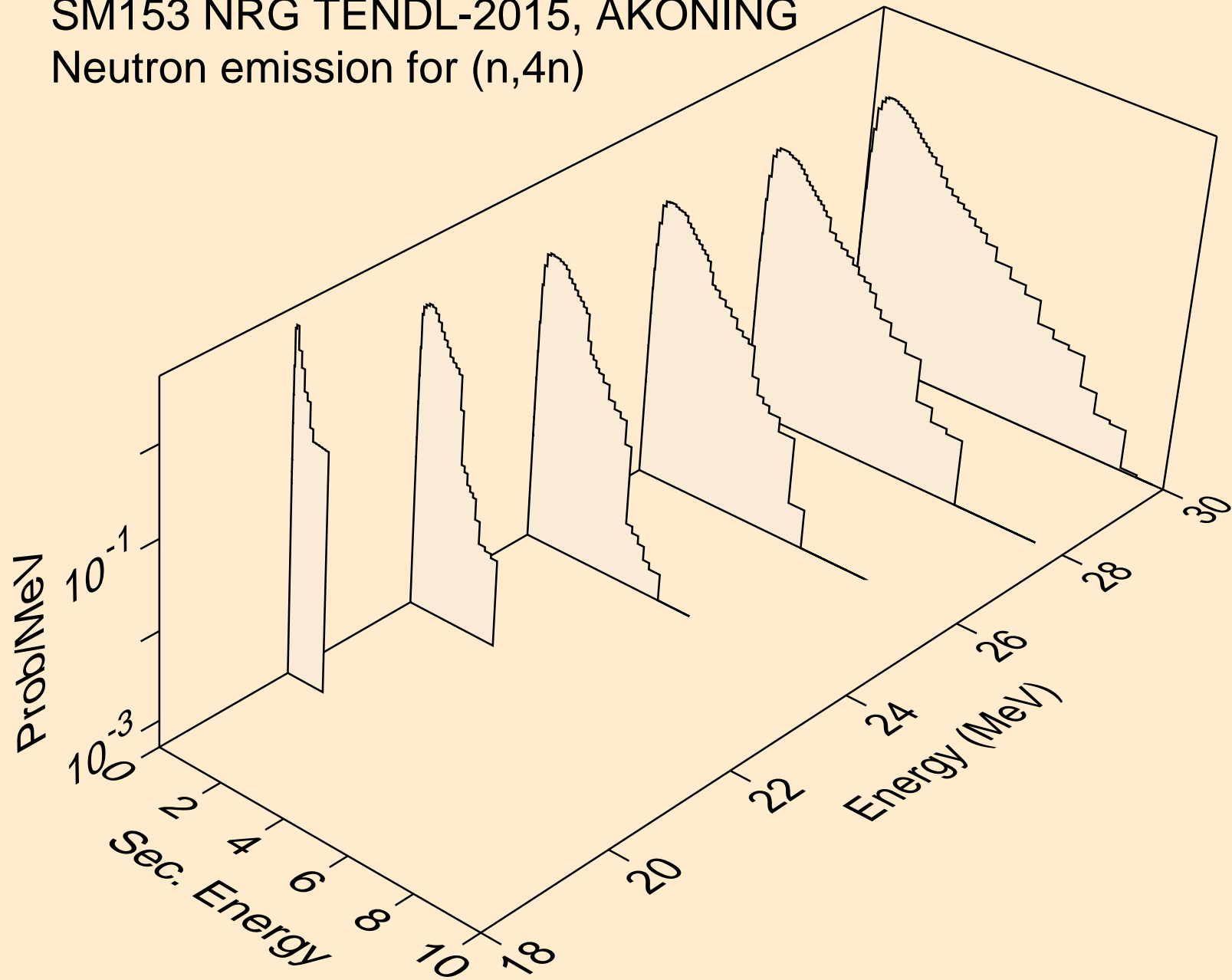




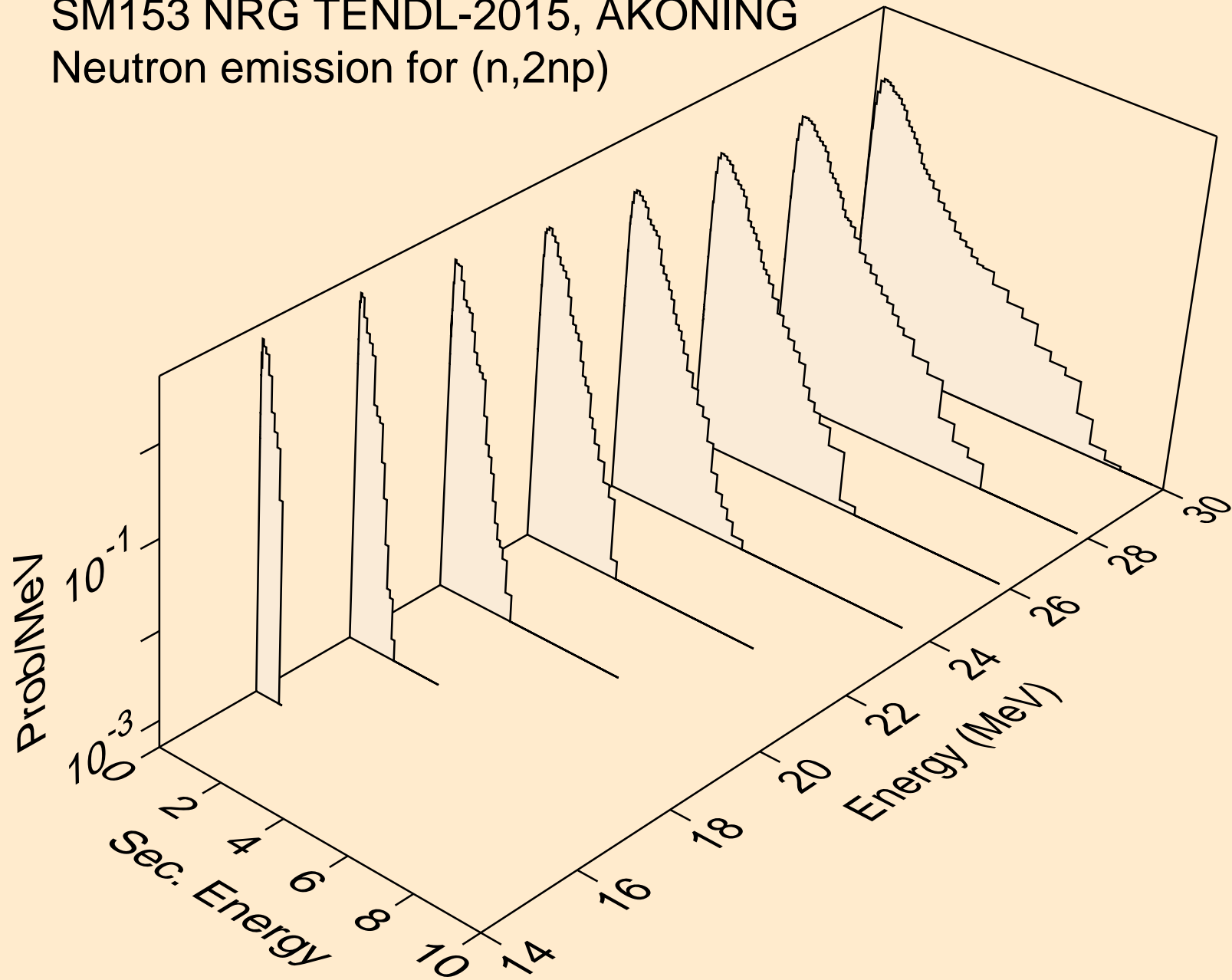
SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



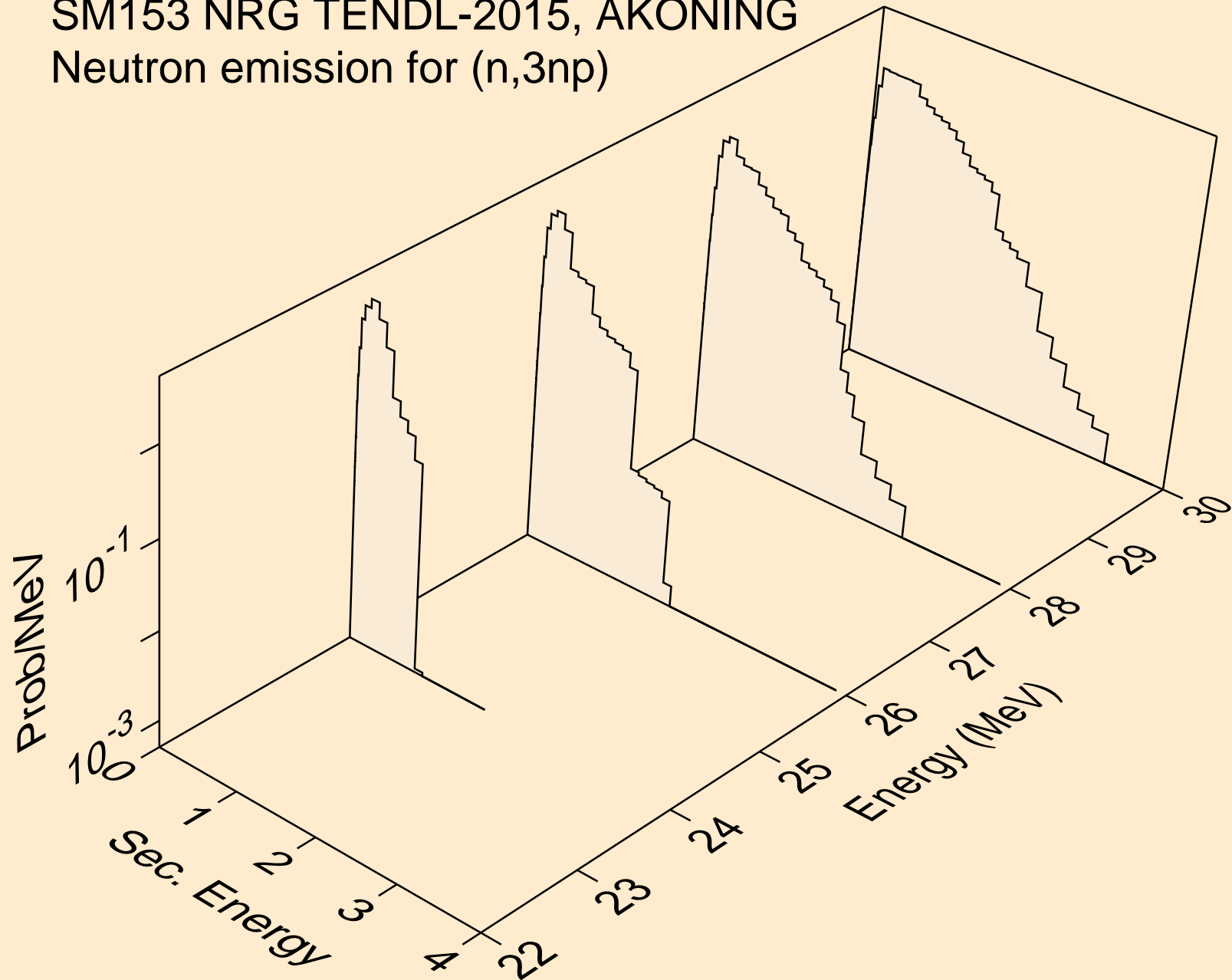
SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



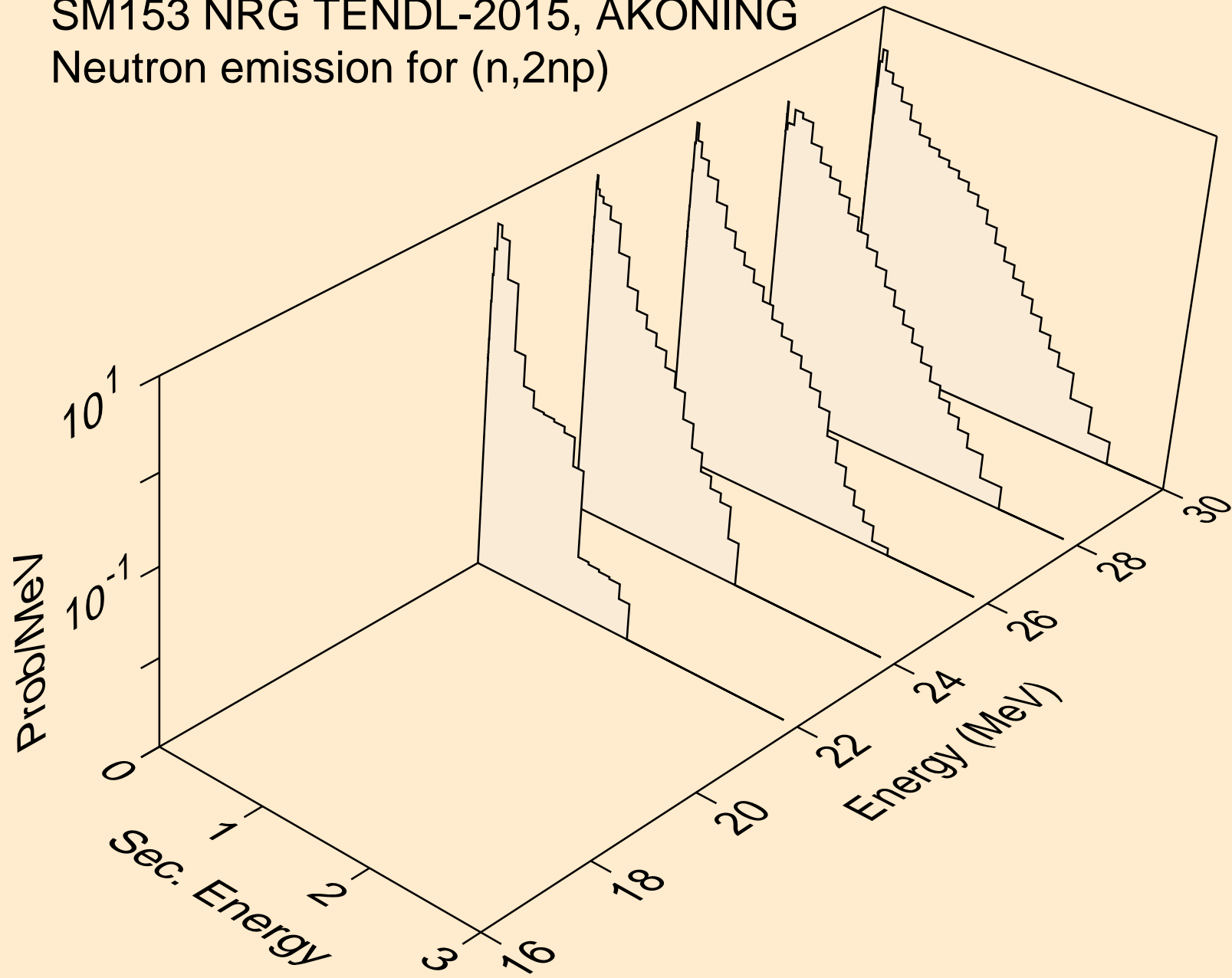
SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



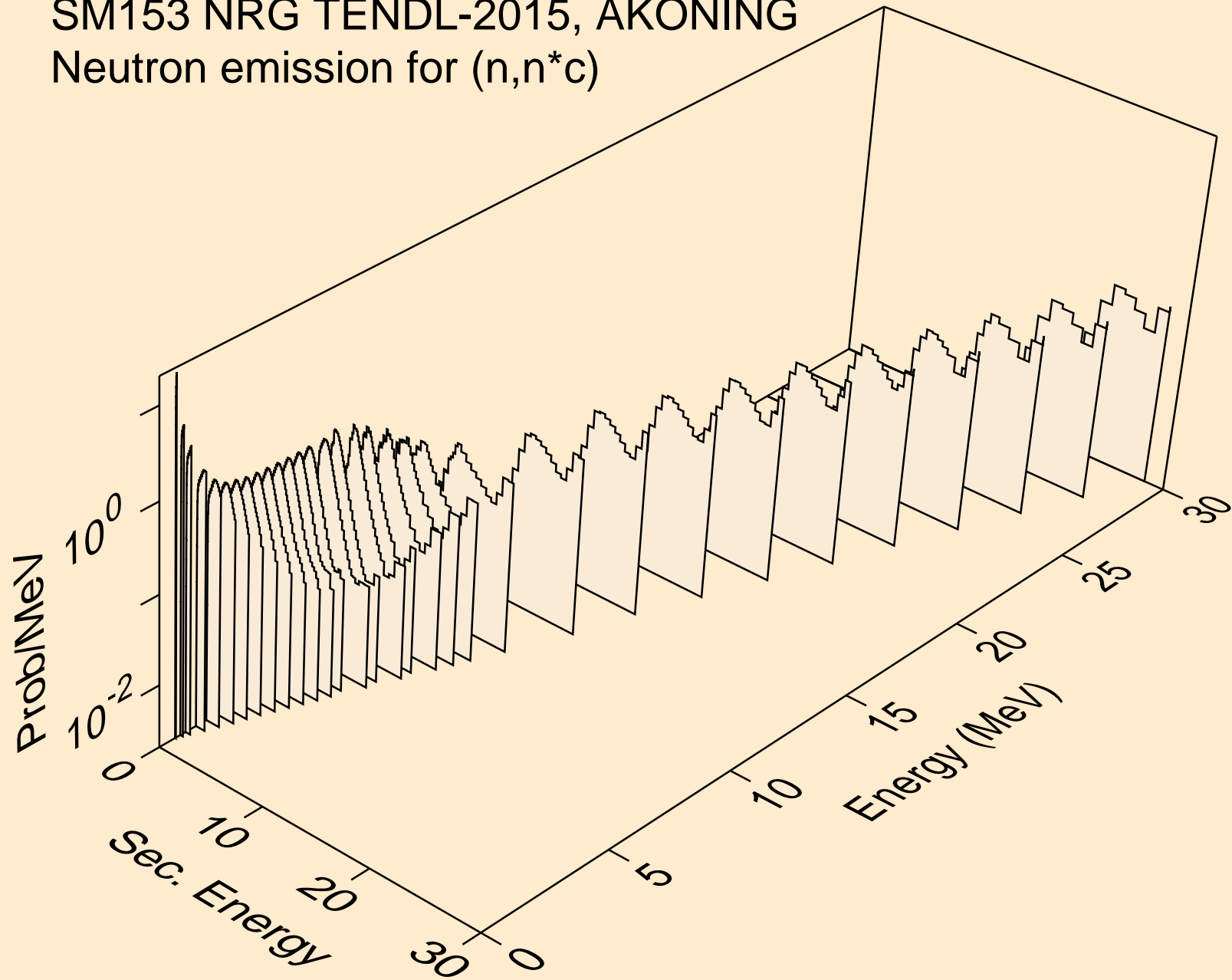
SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



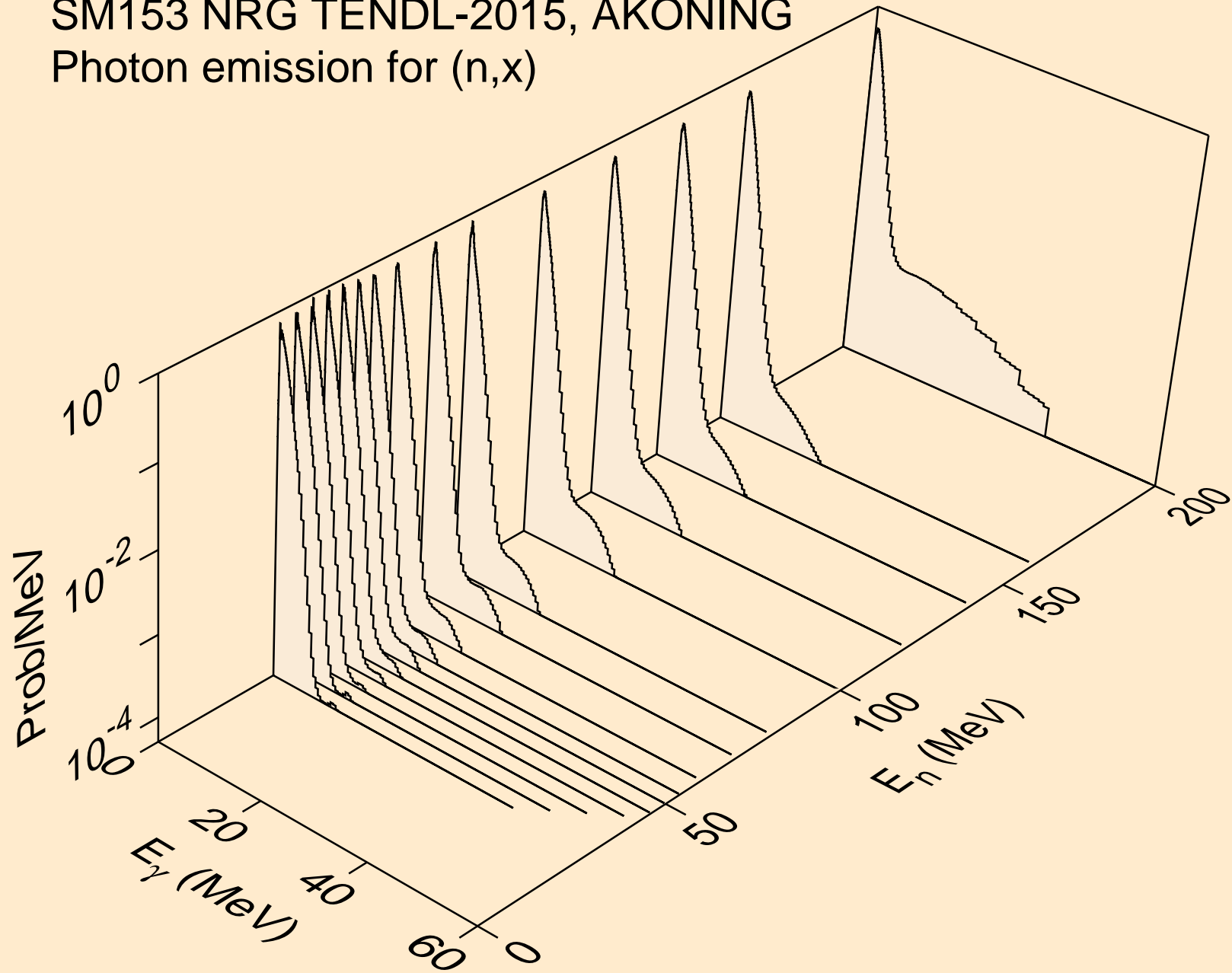
SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



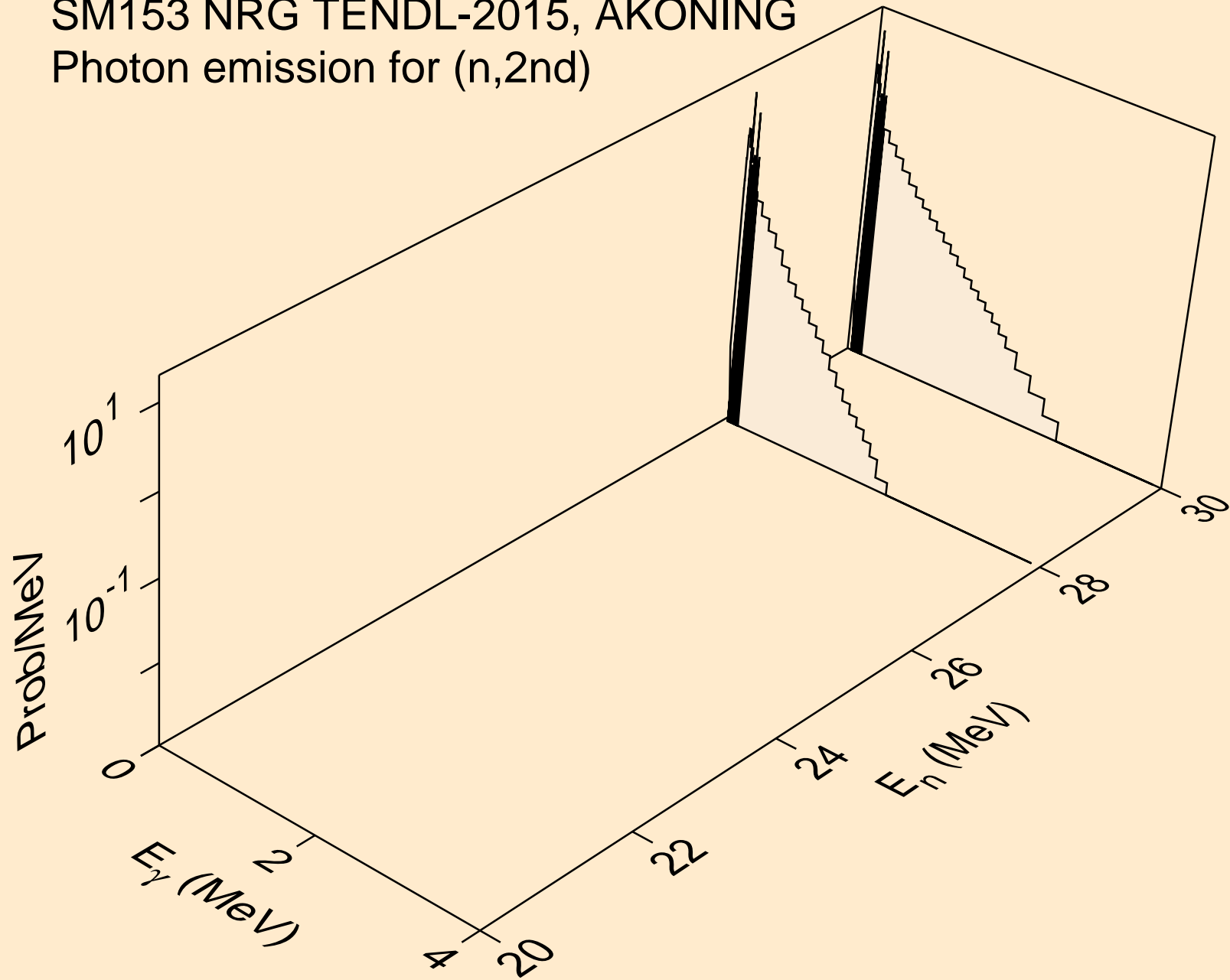
SM153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

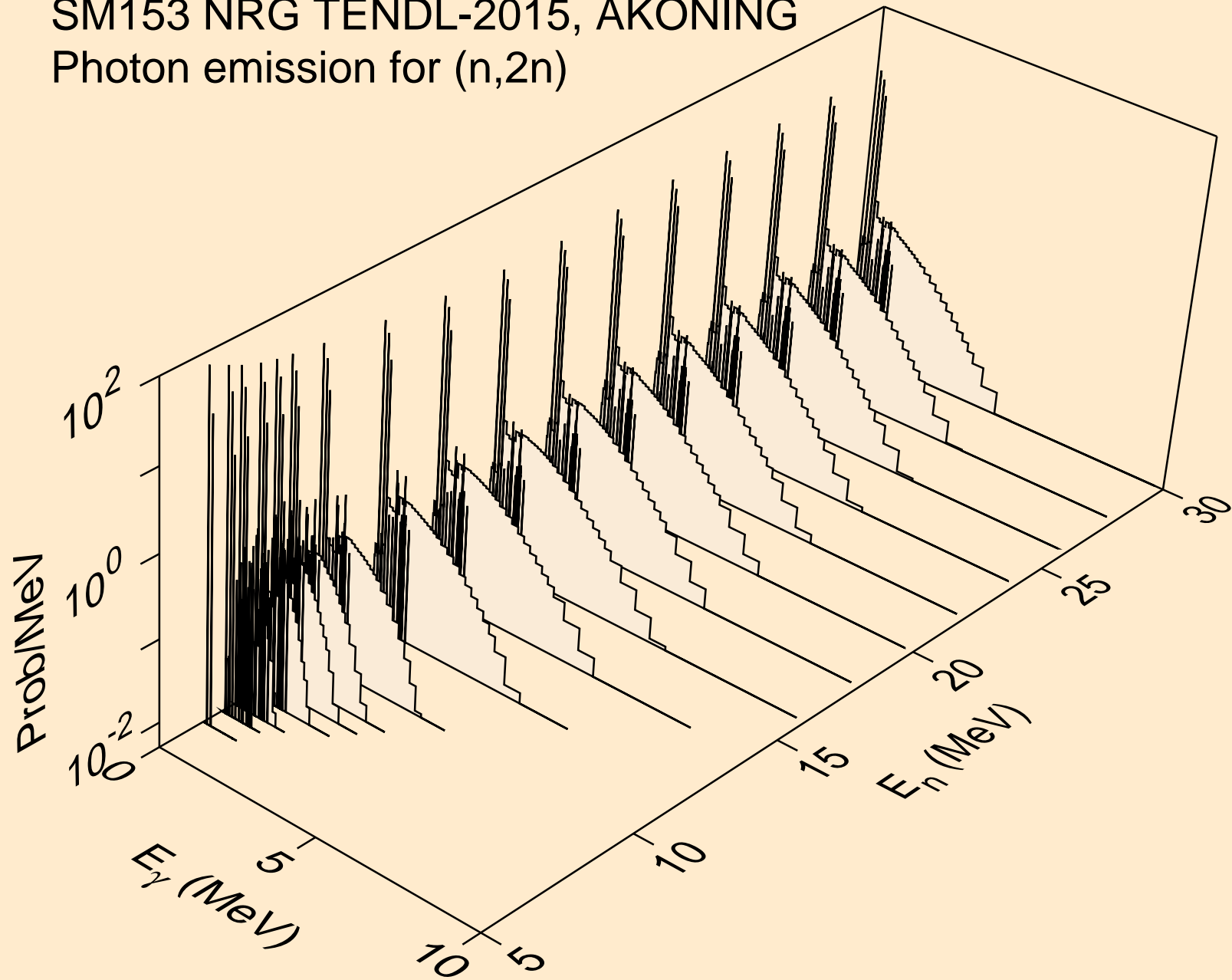


SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

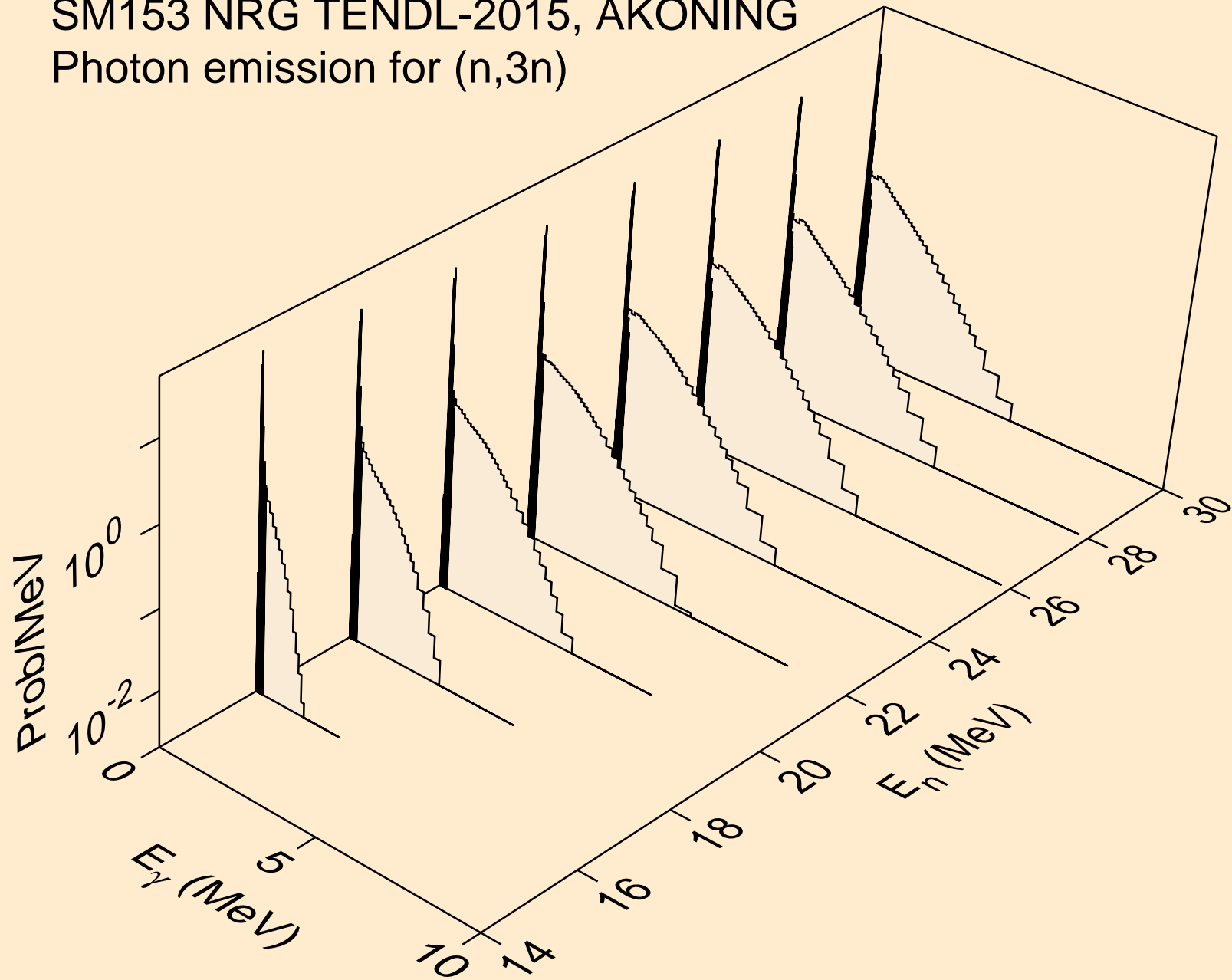




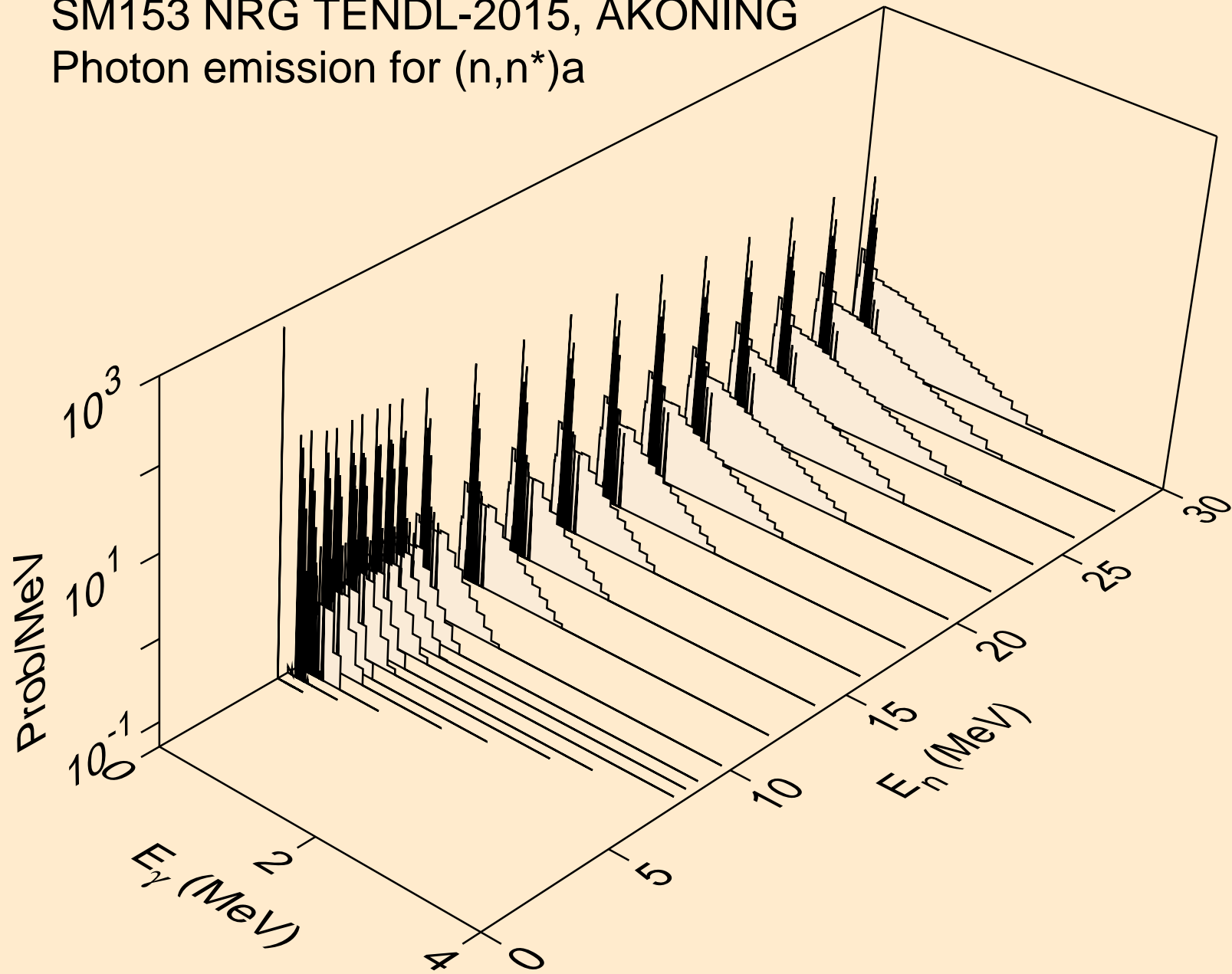
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



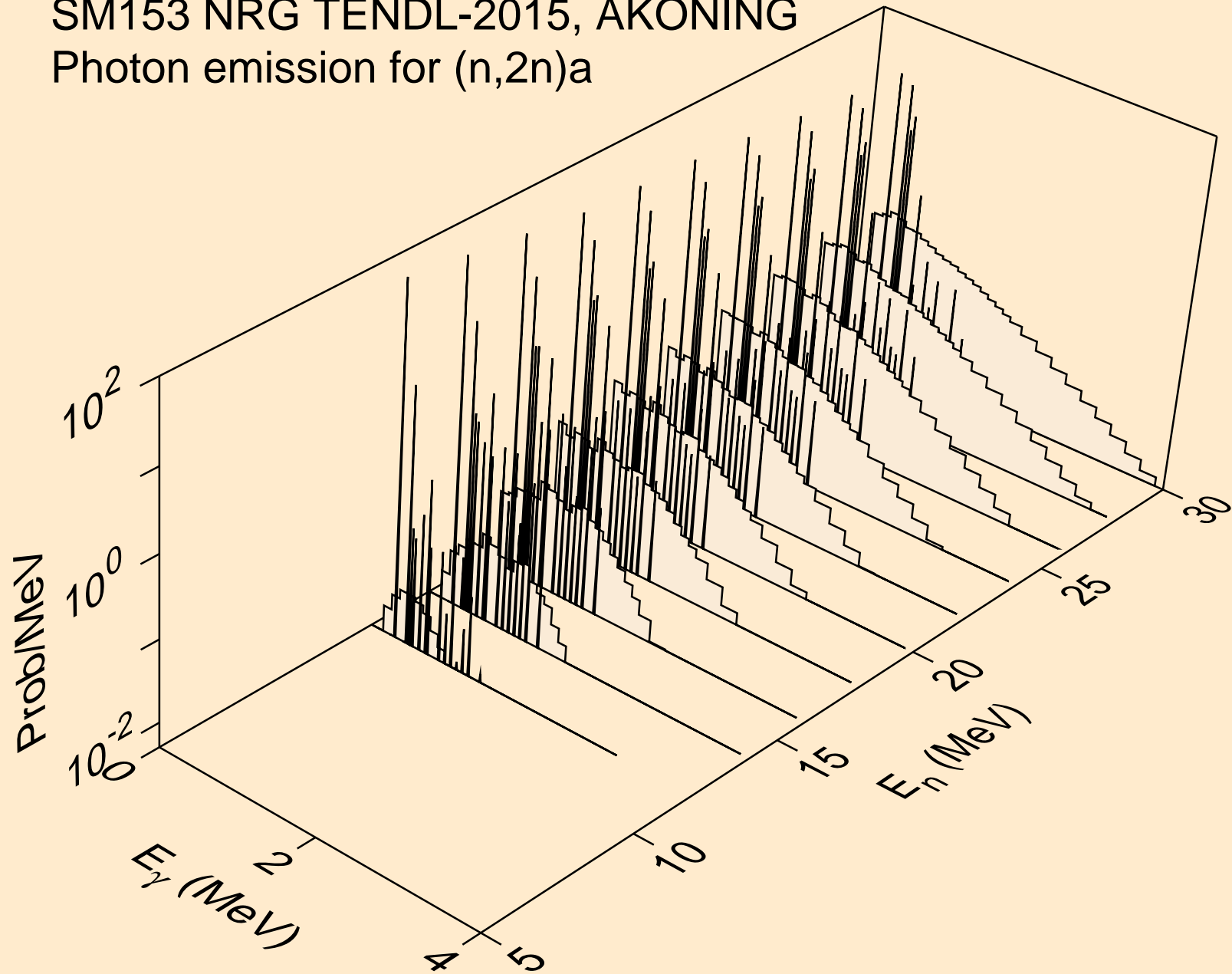
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



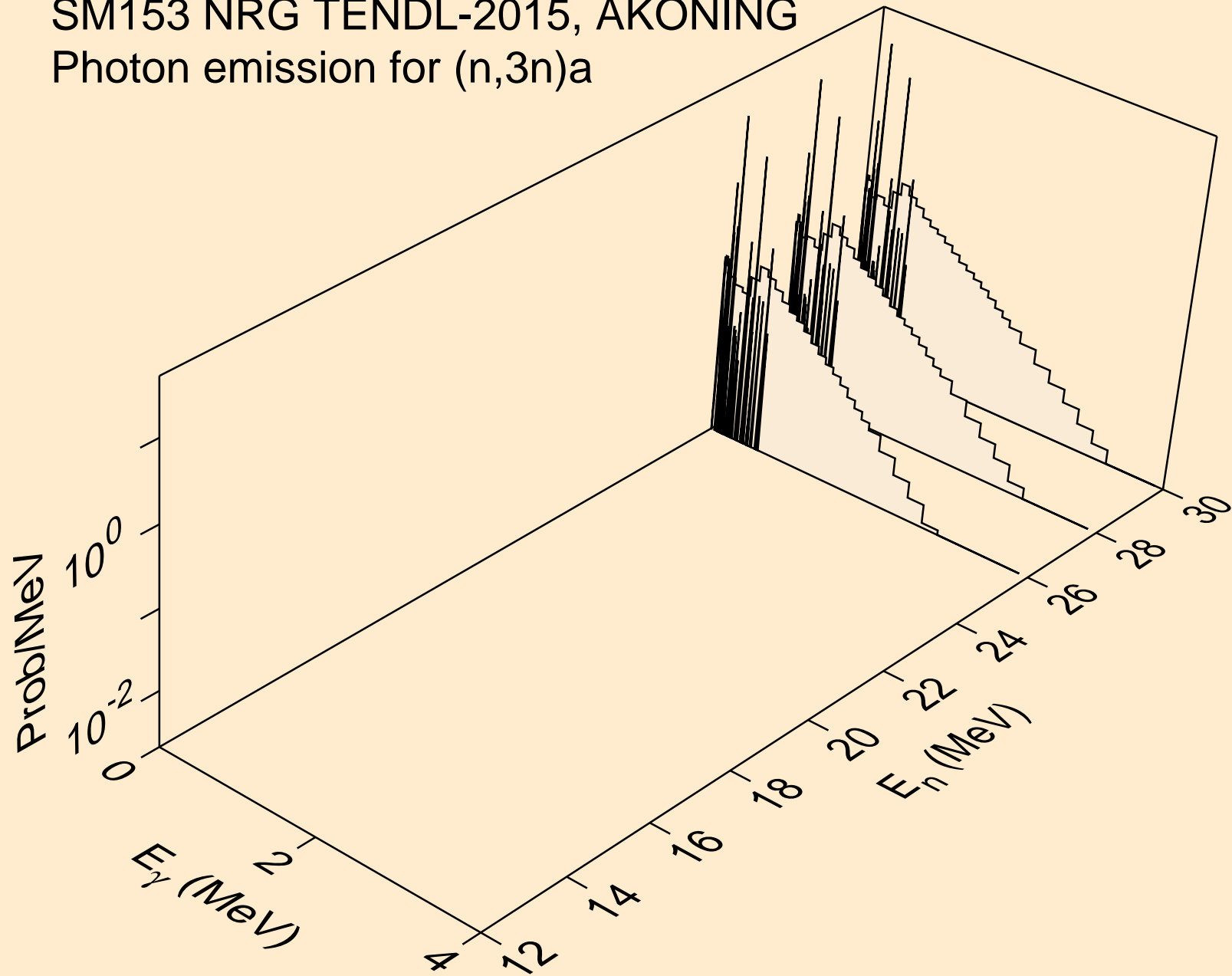
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



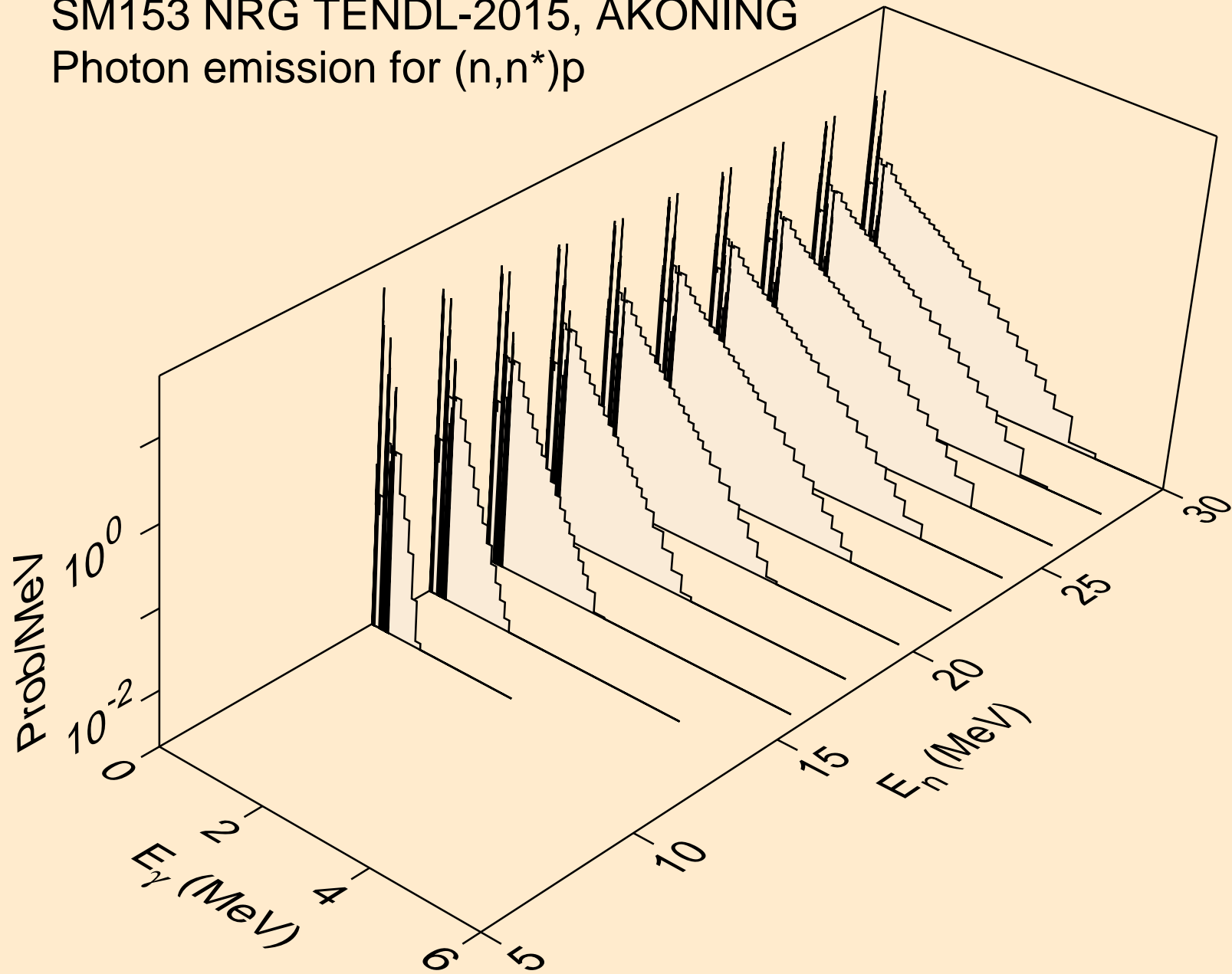
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



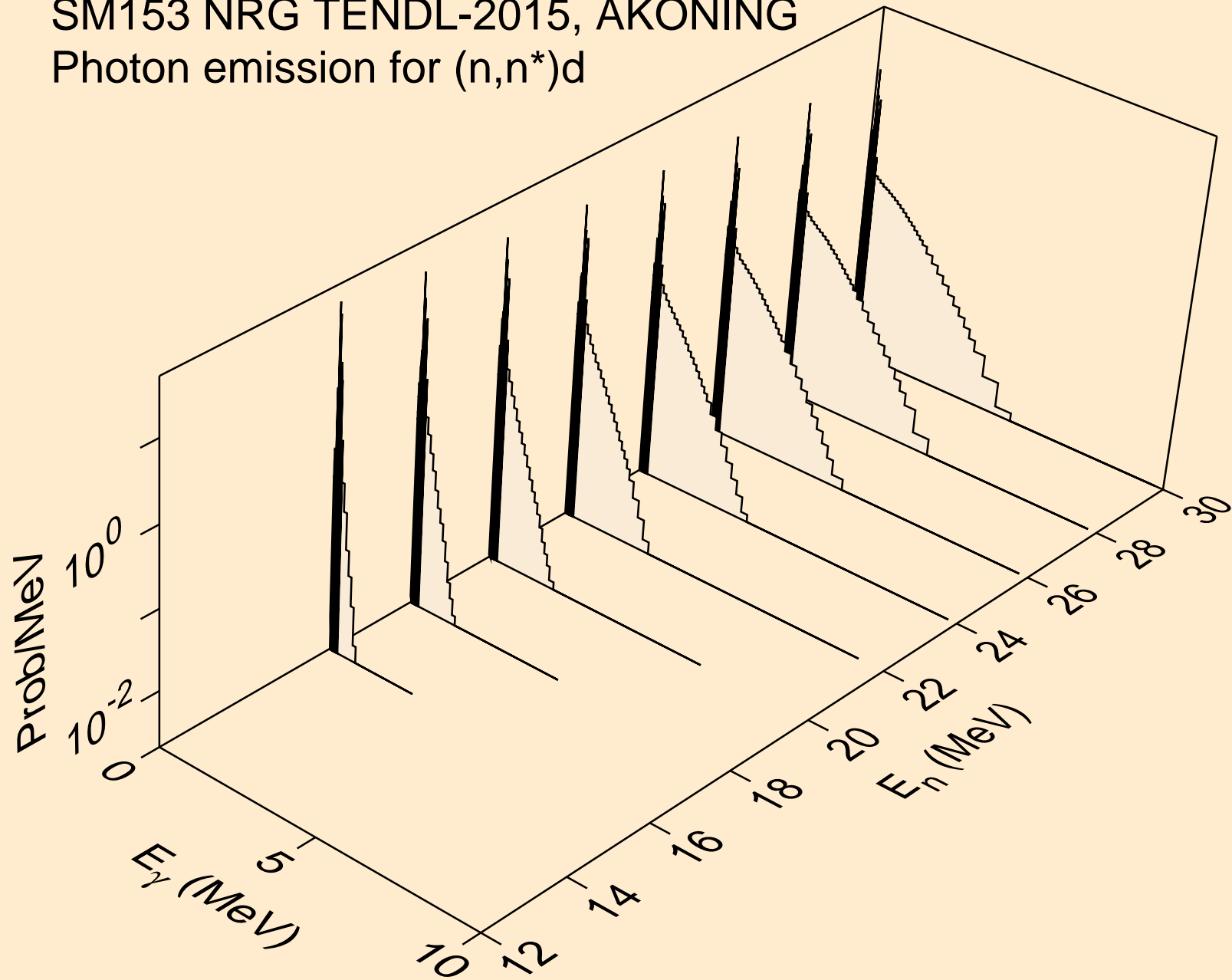
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



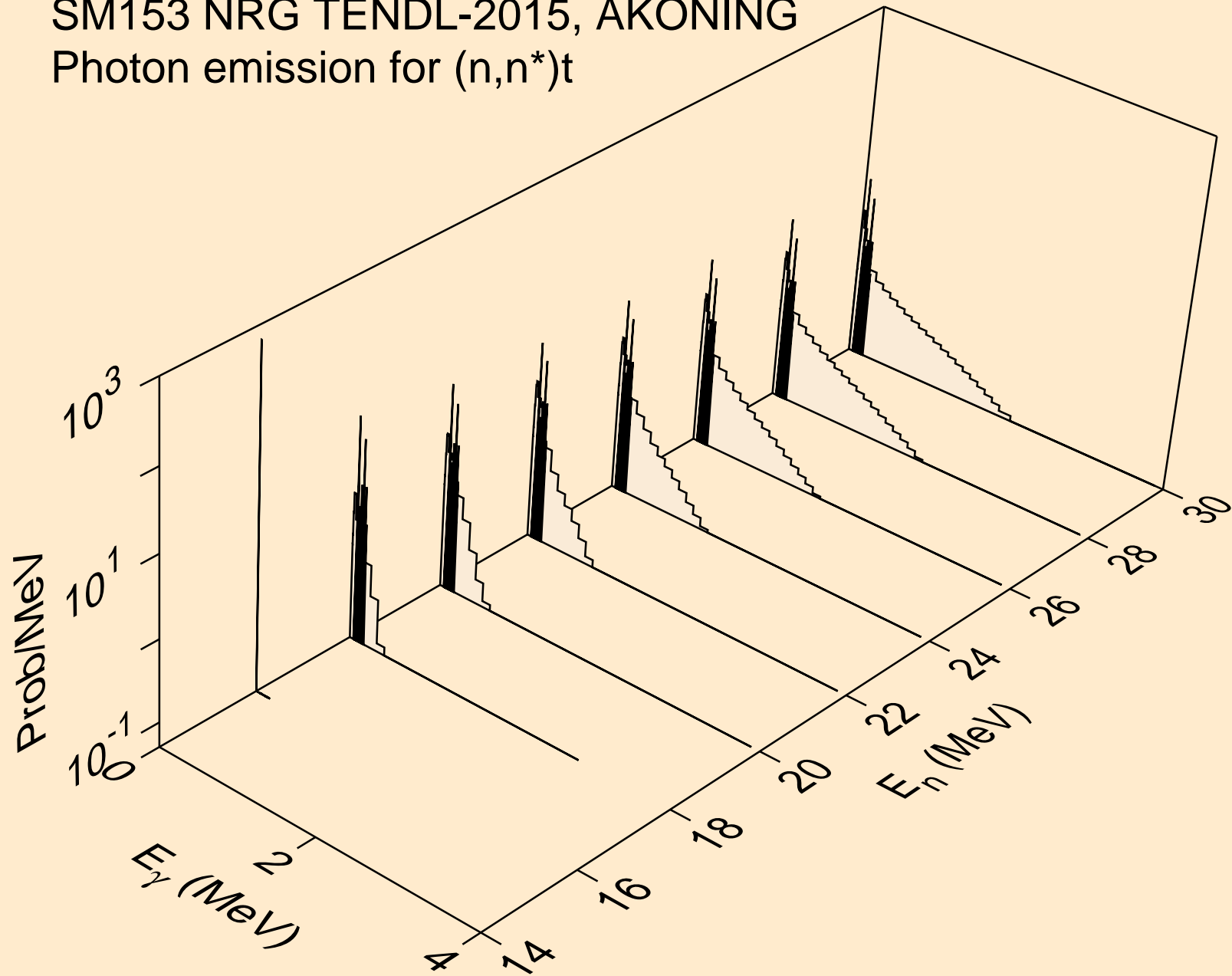
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

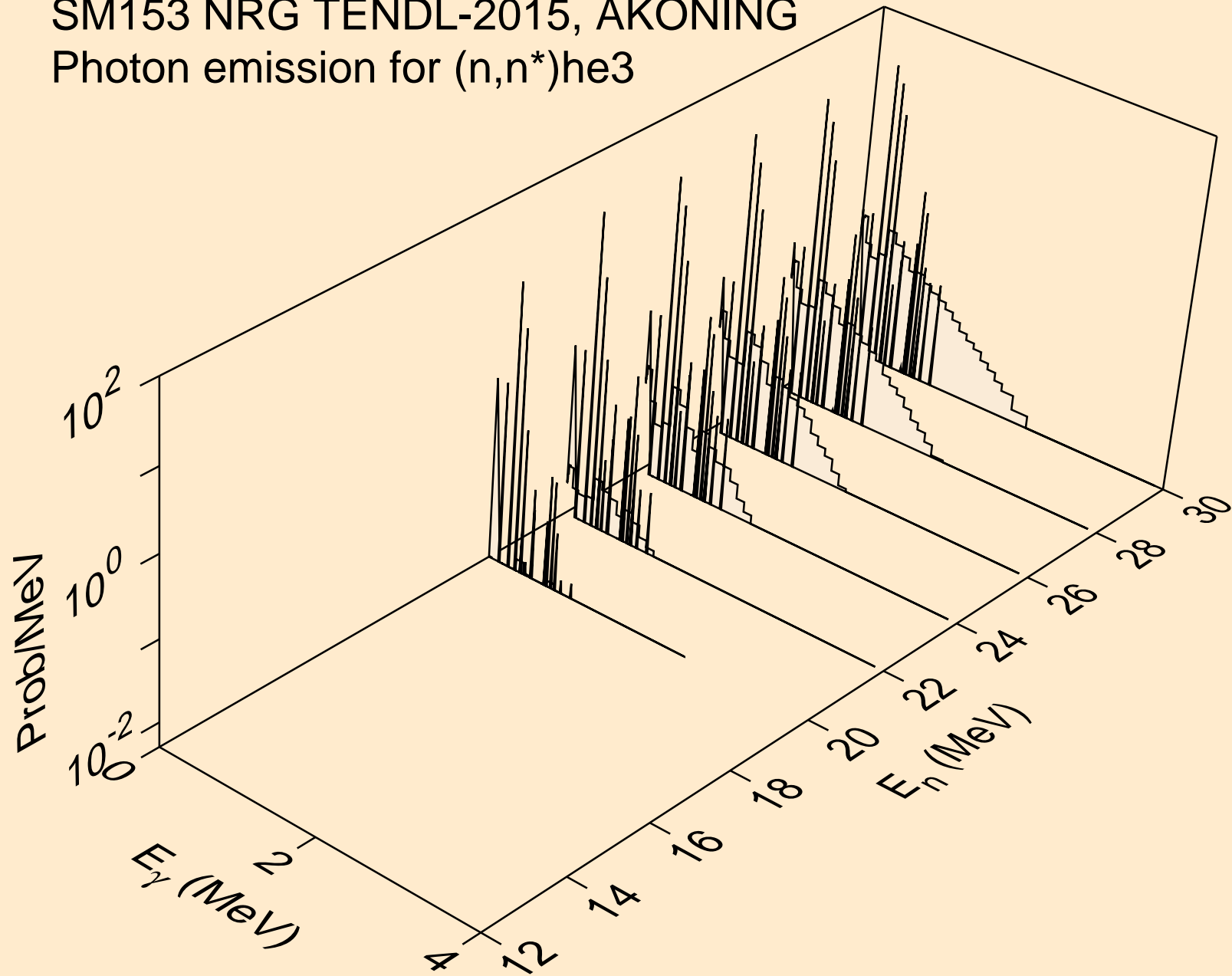


SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

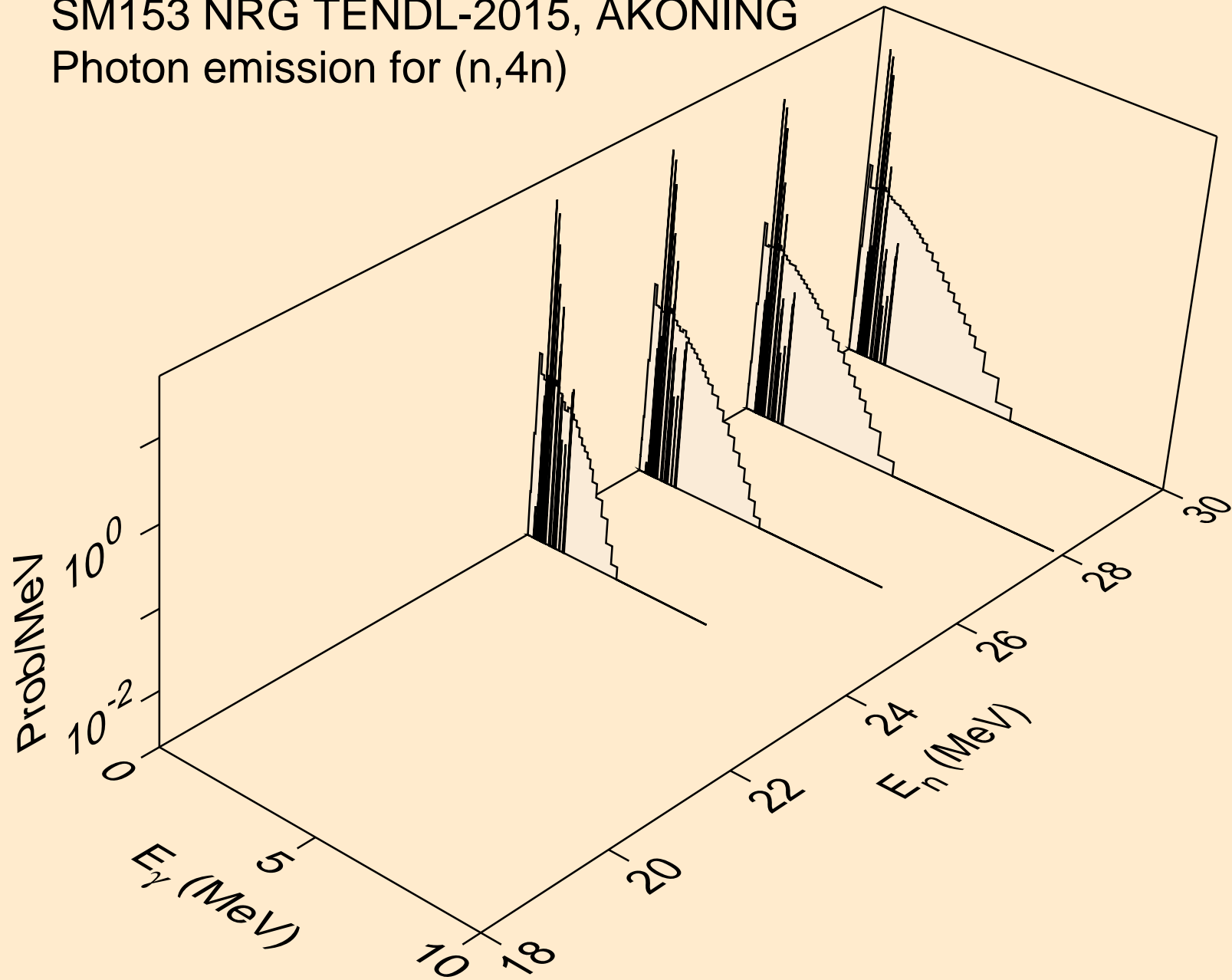




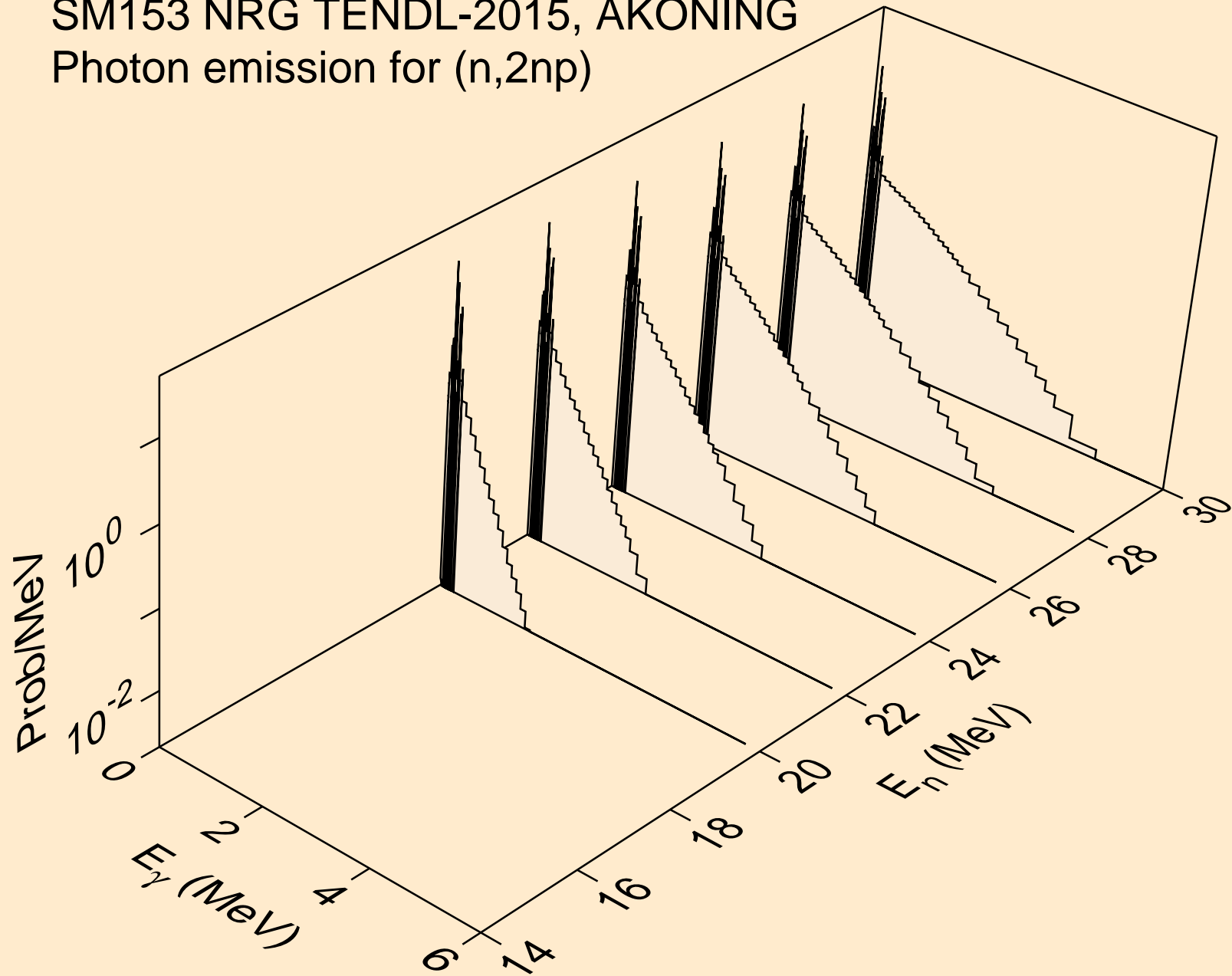
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



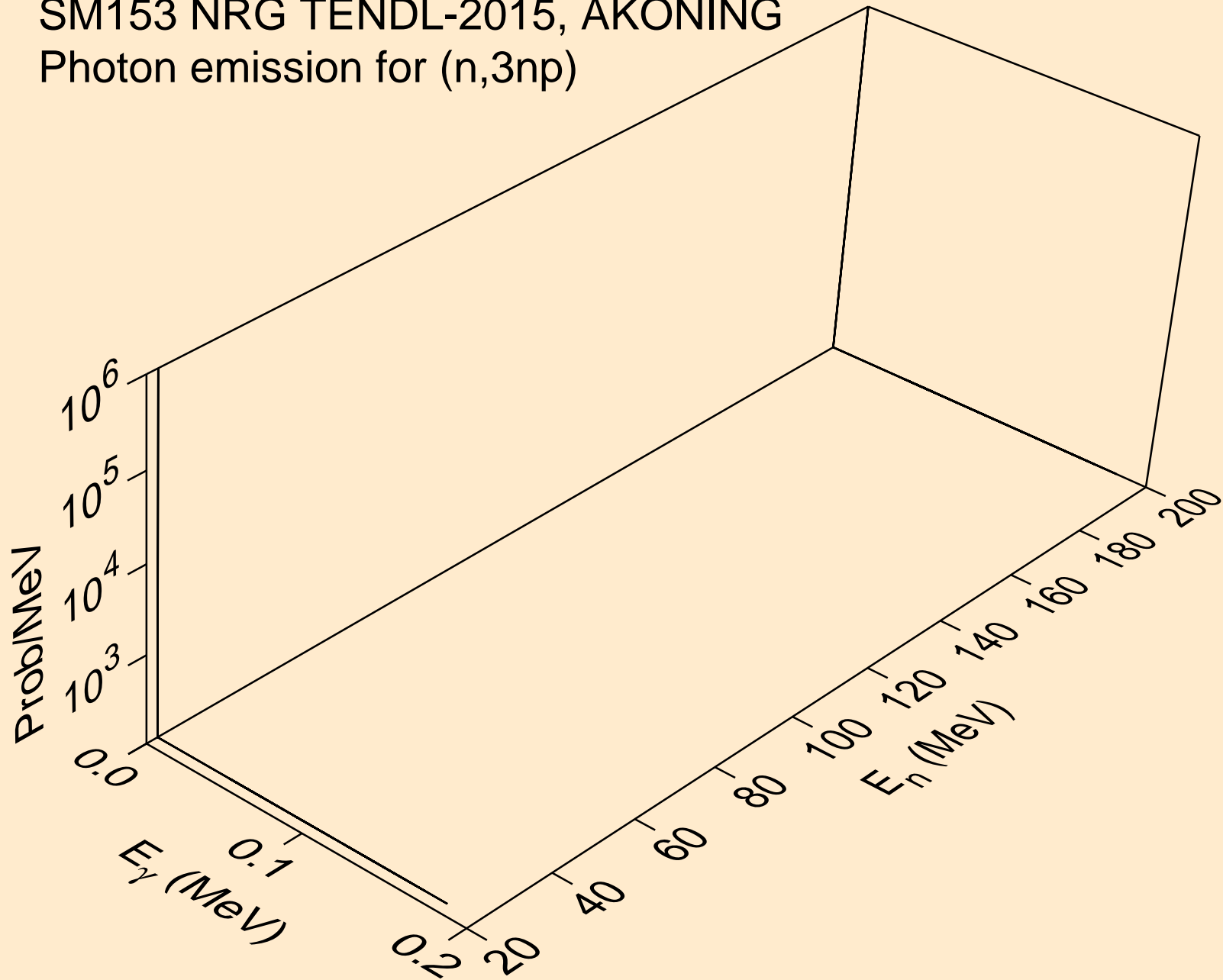
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



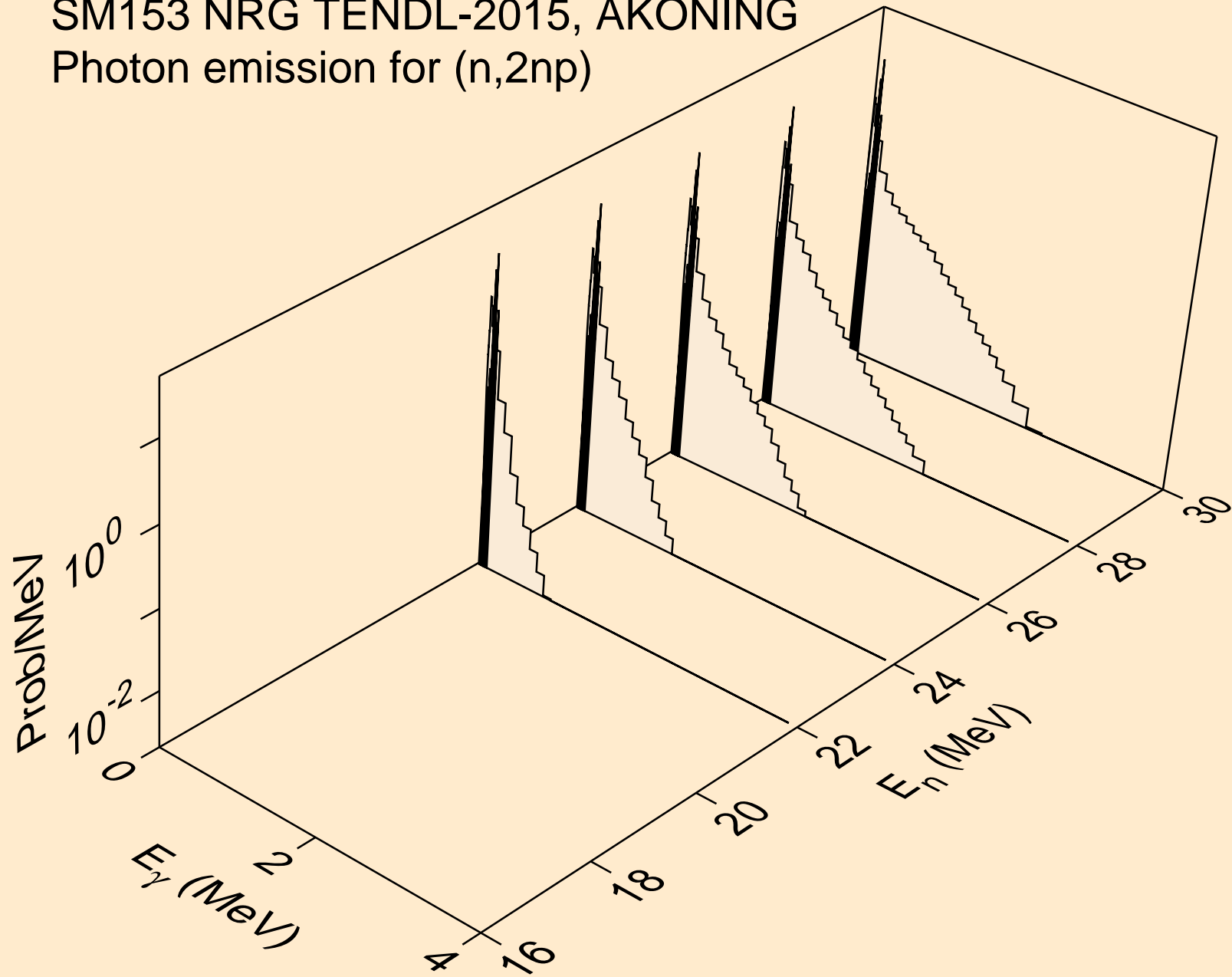
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



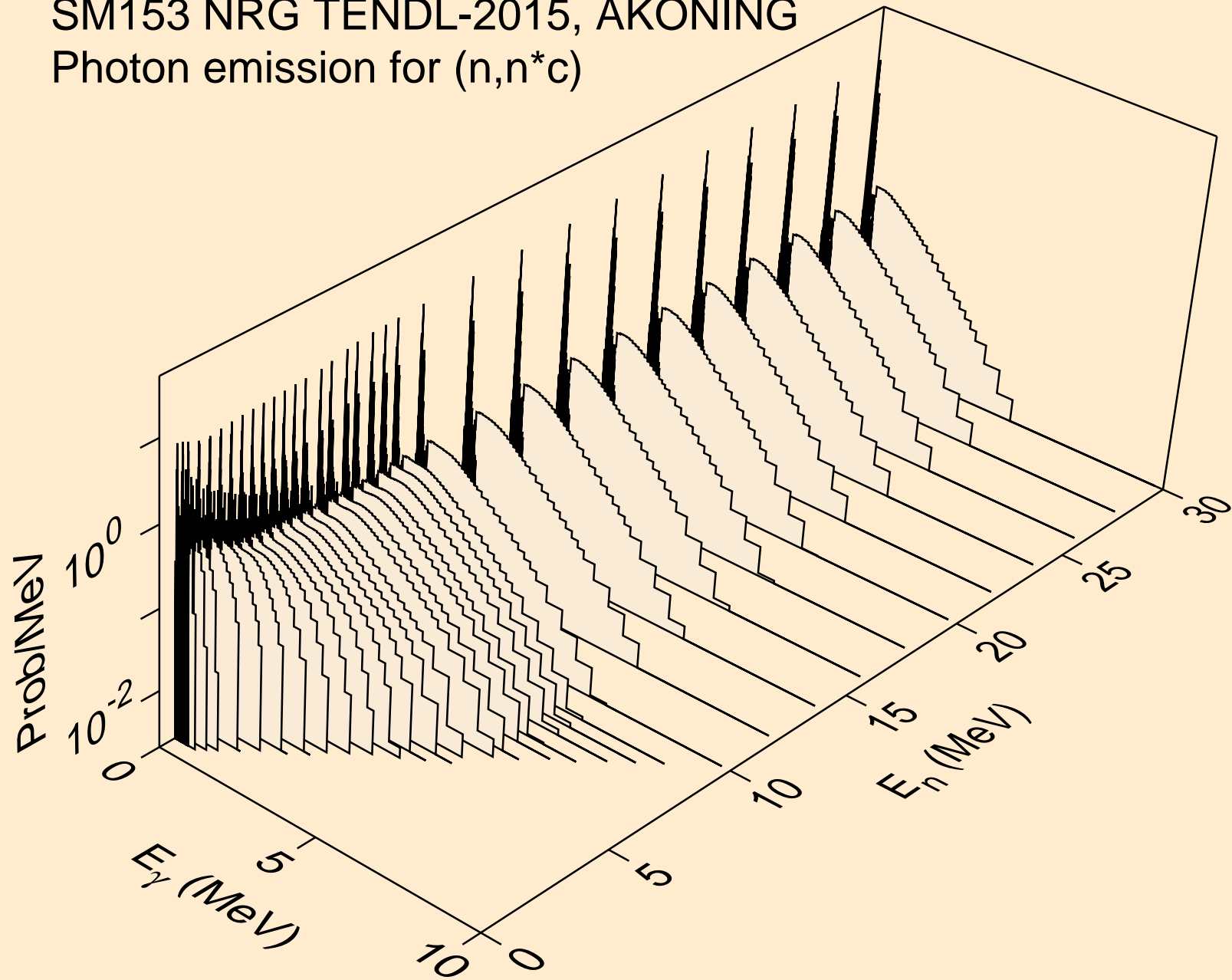
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



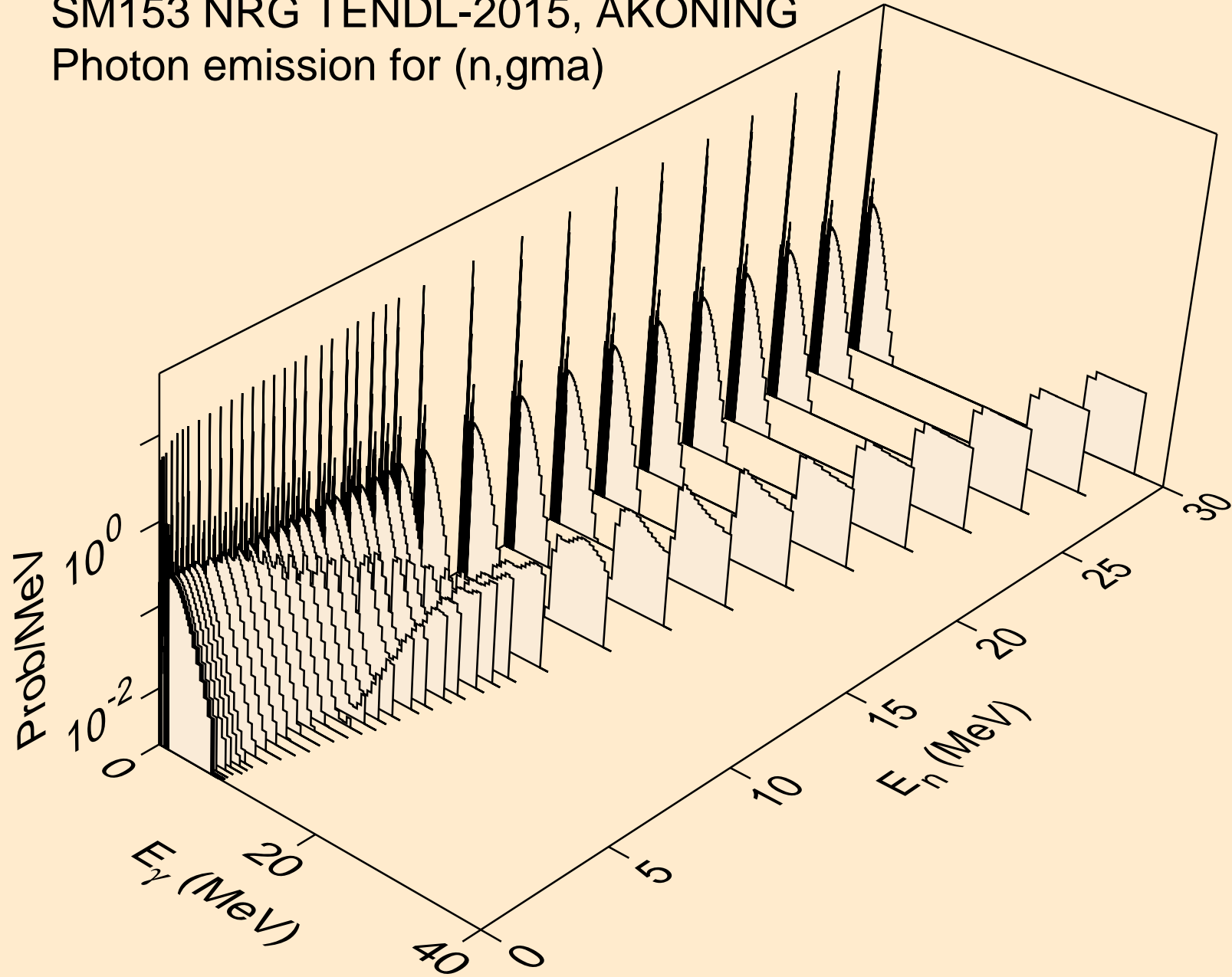
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



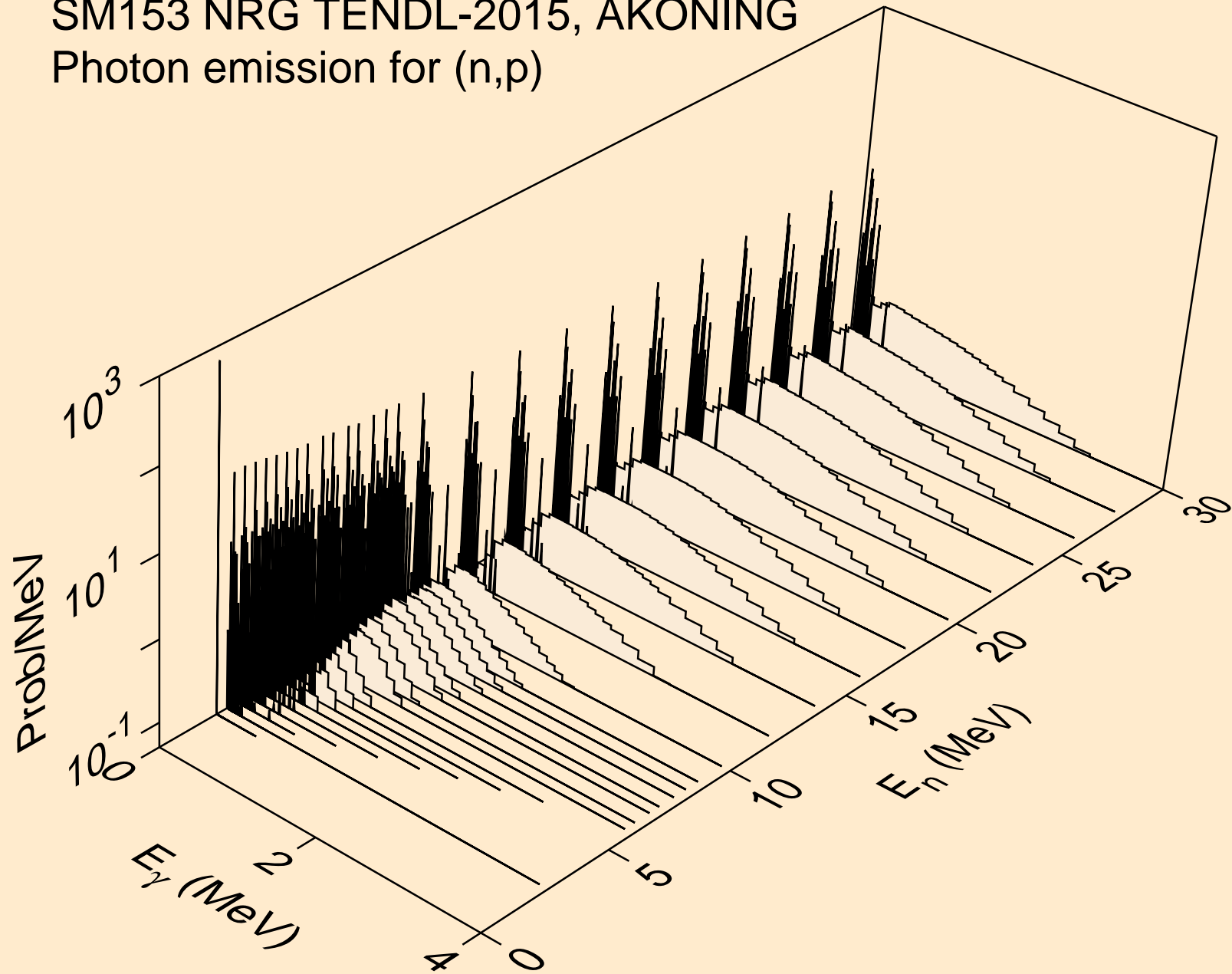
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

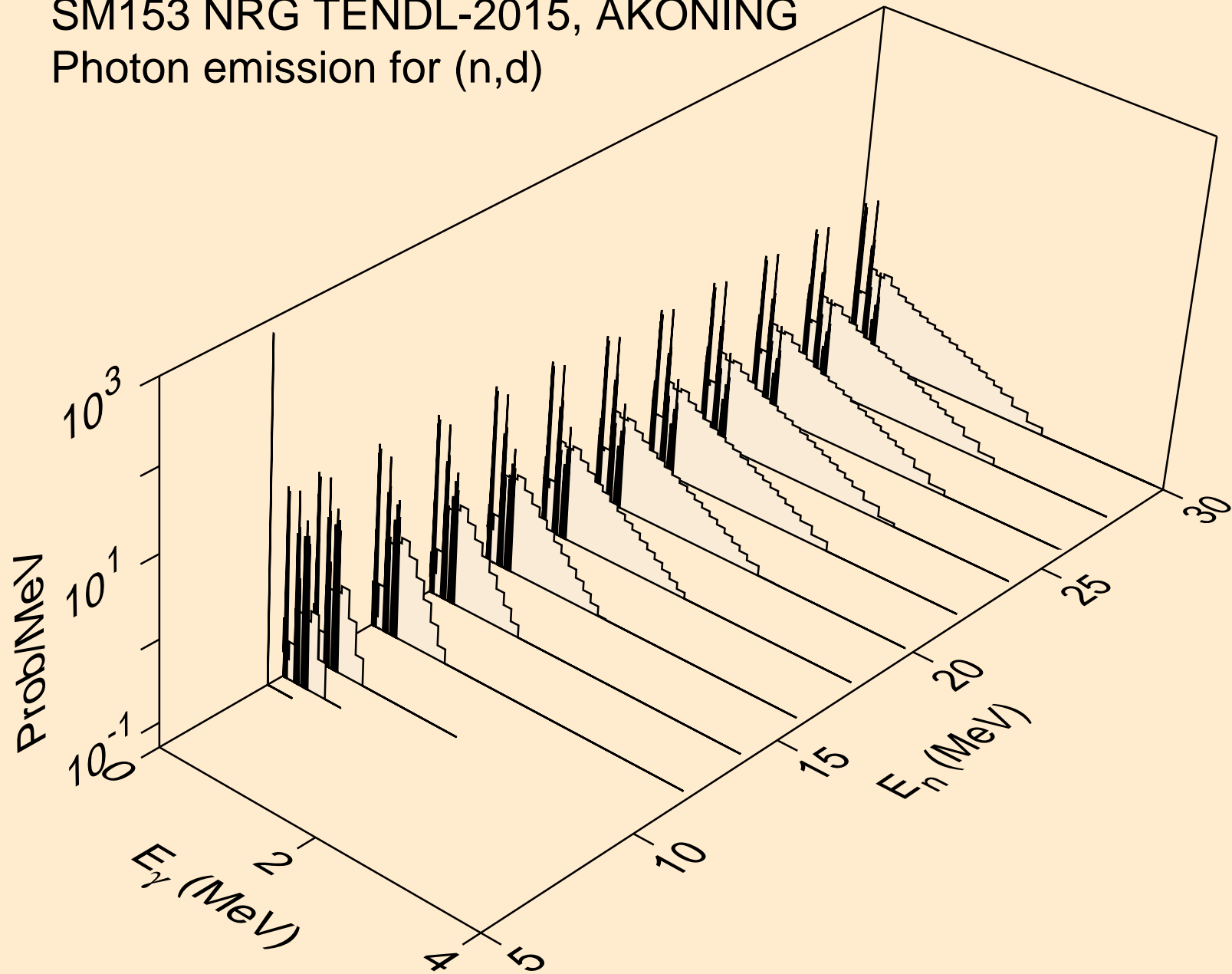


SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

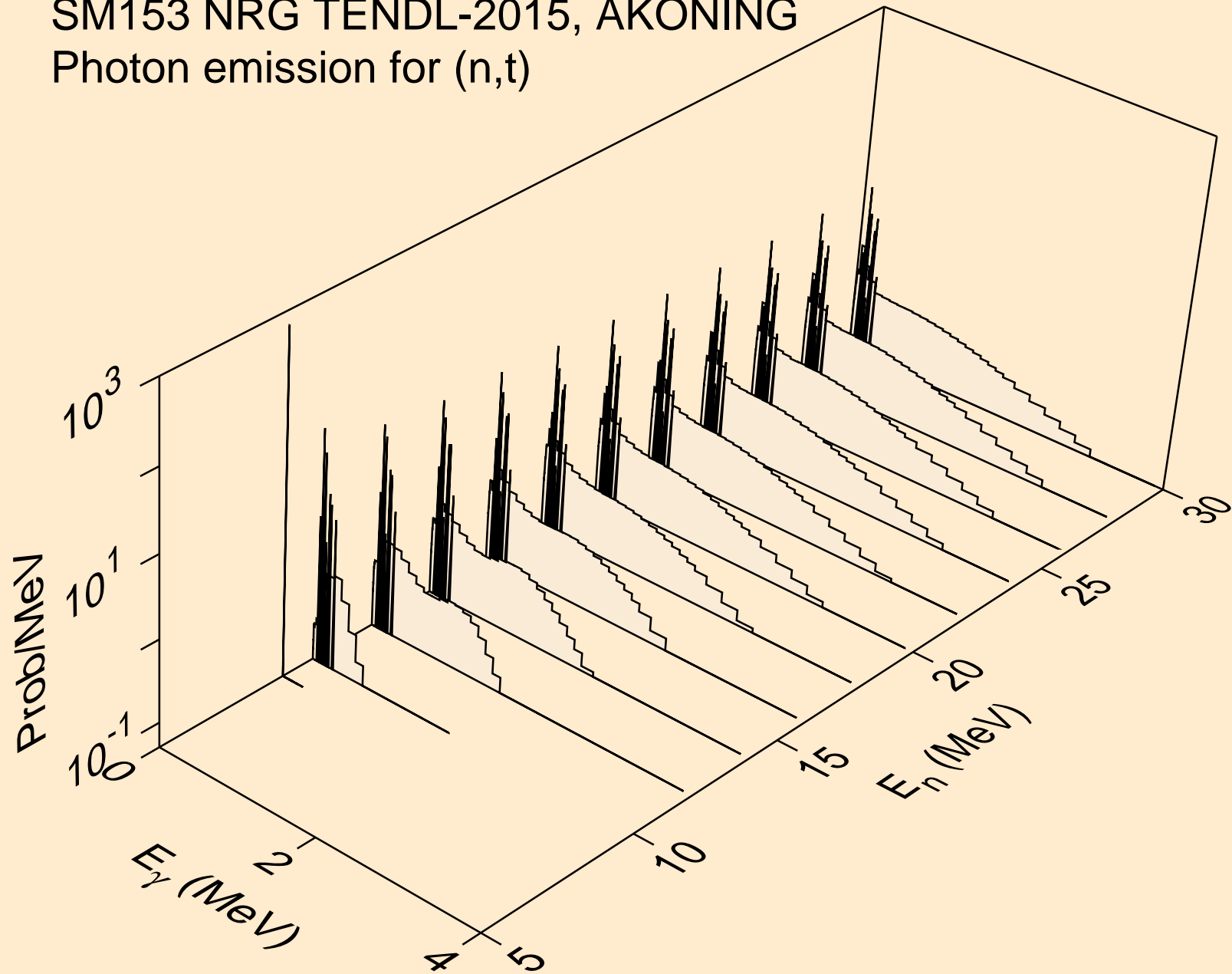




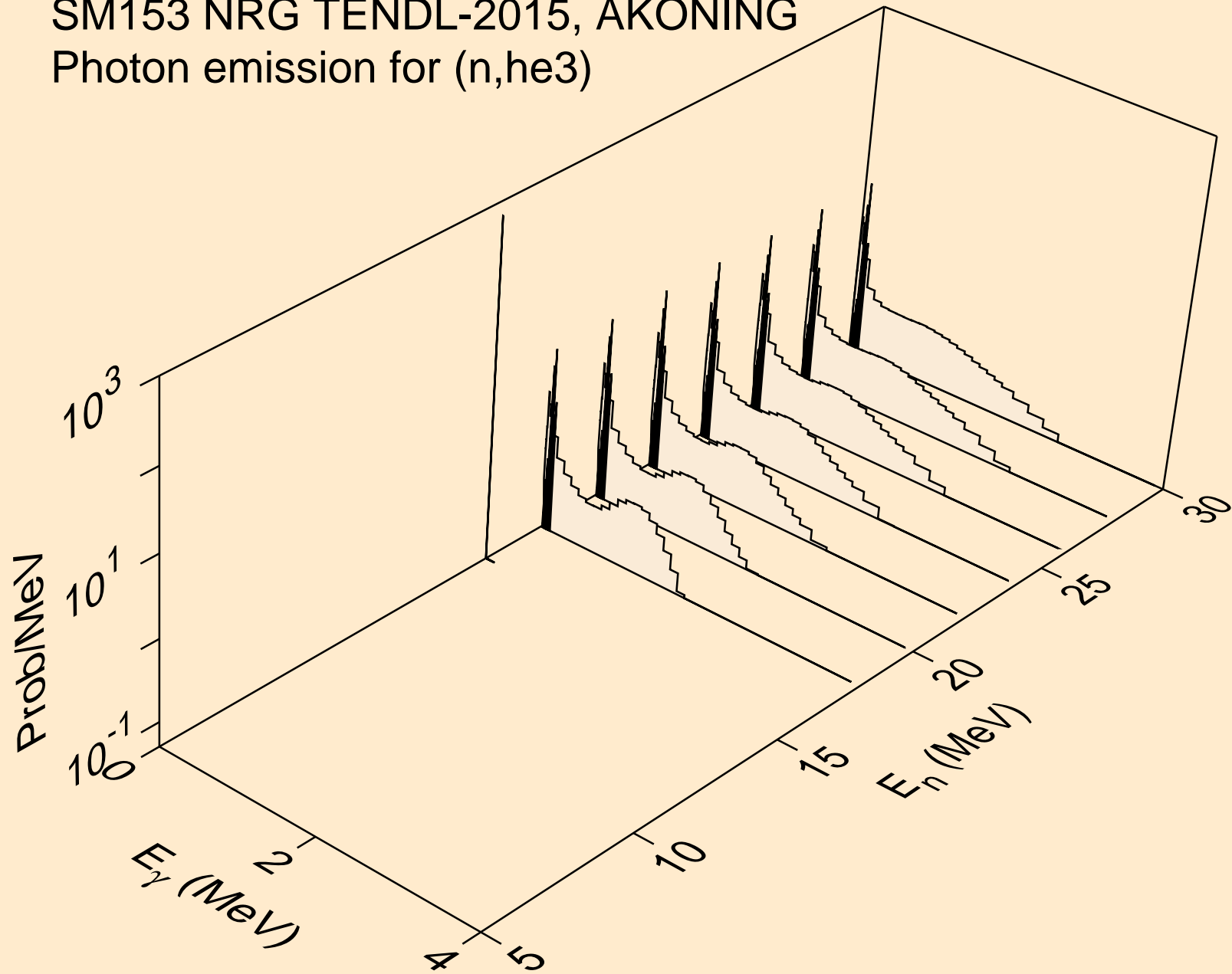
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



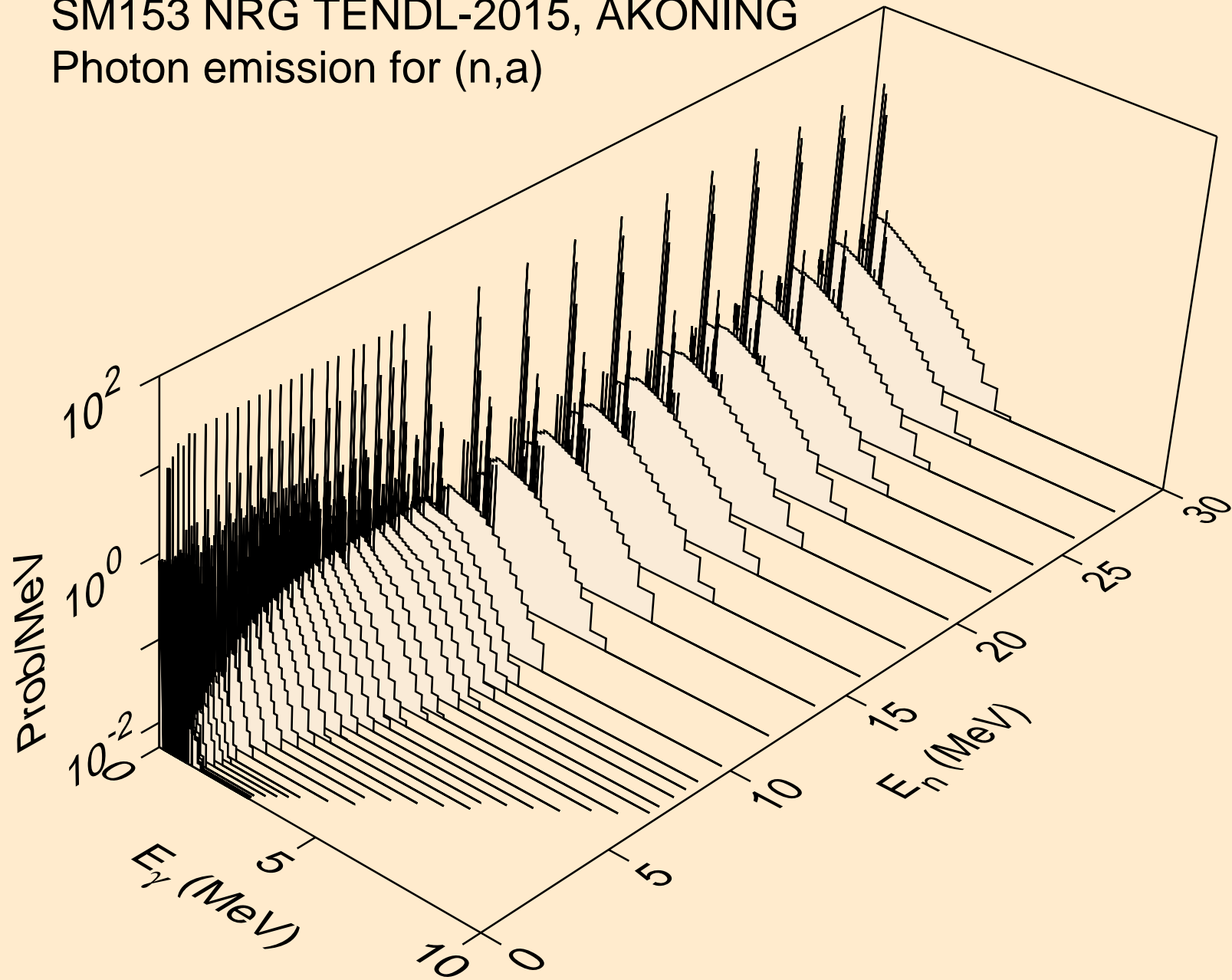
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



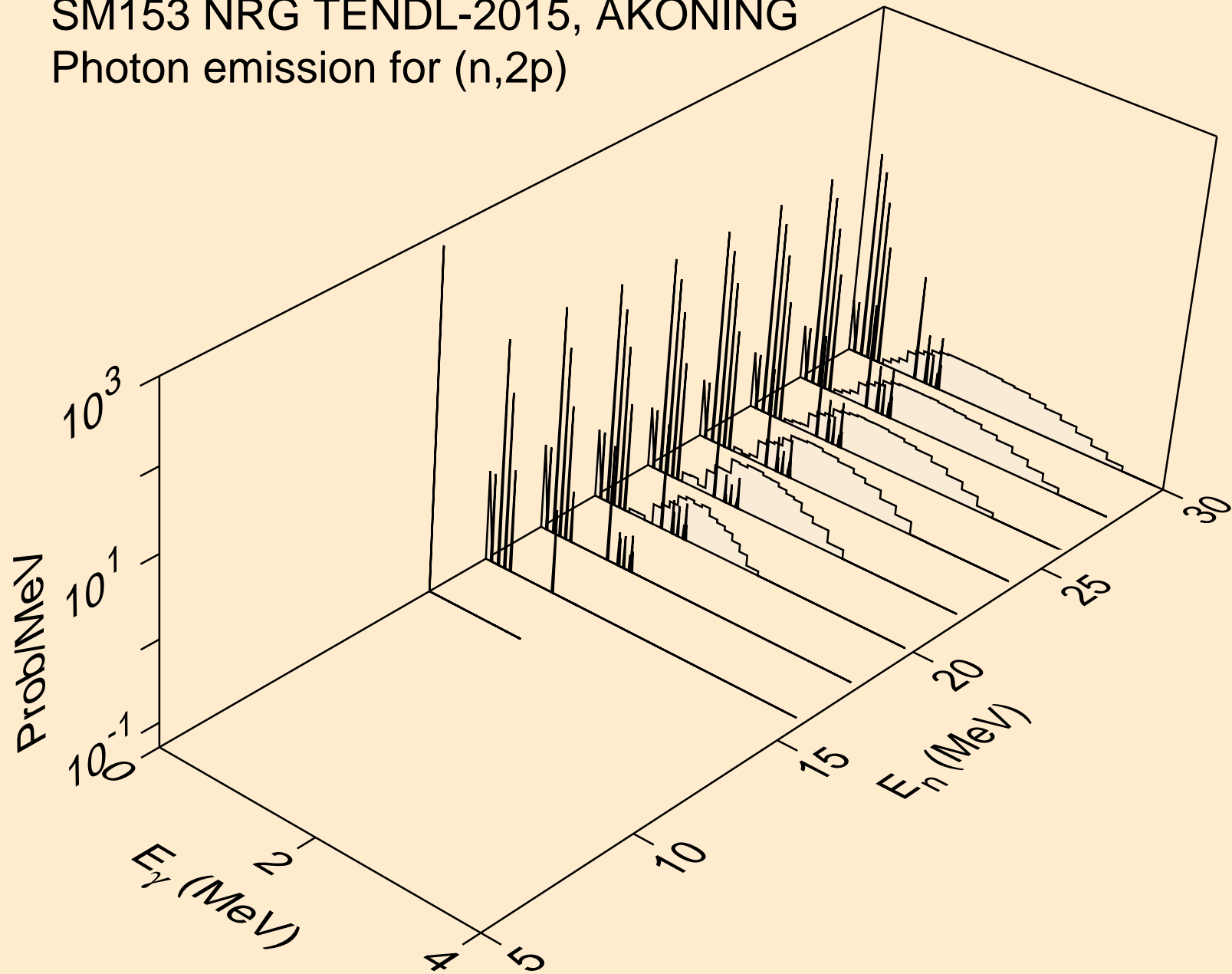
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



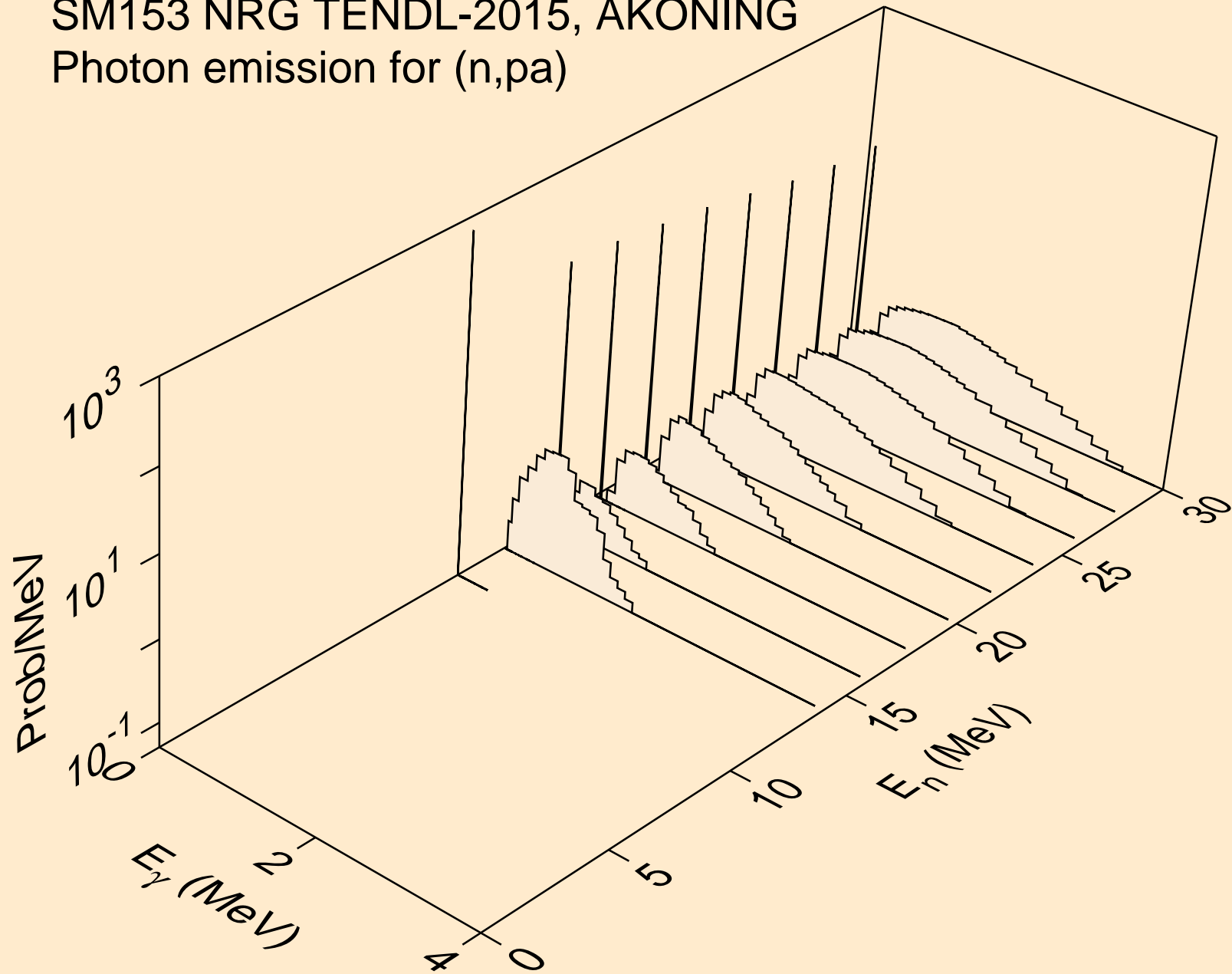
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



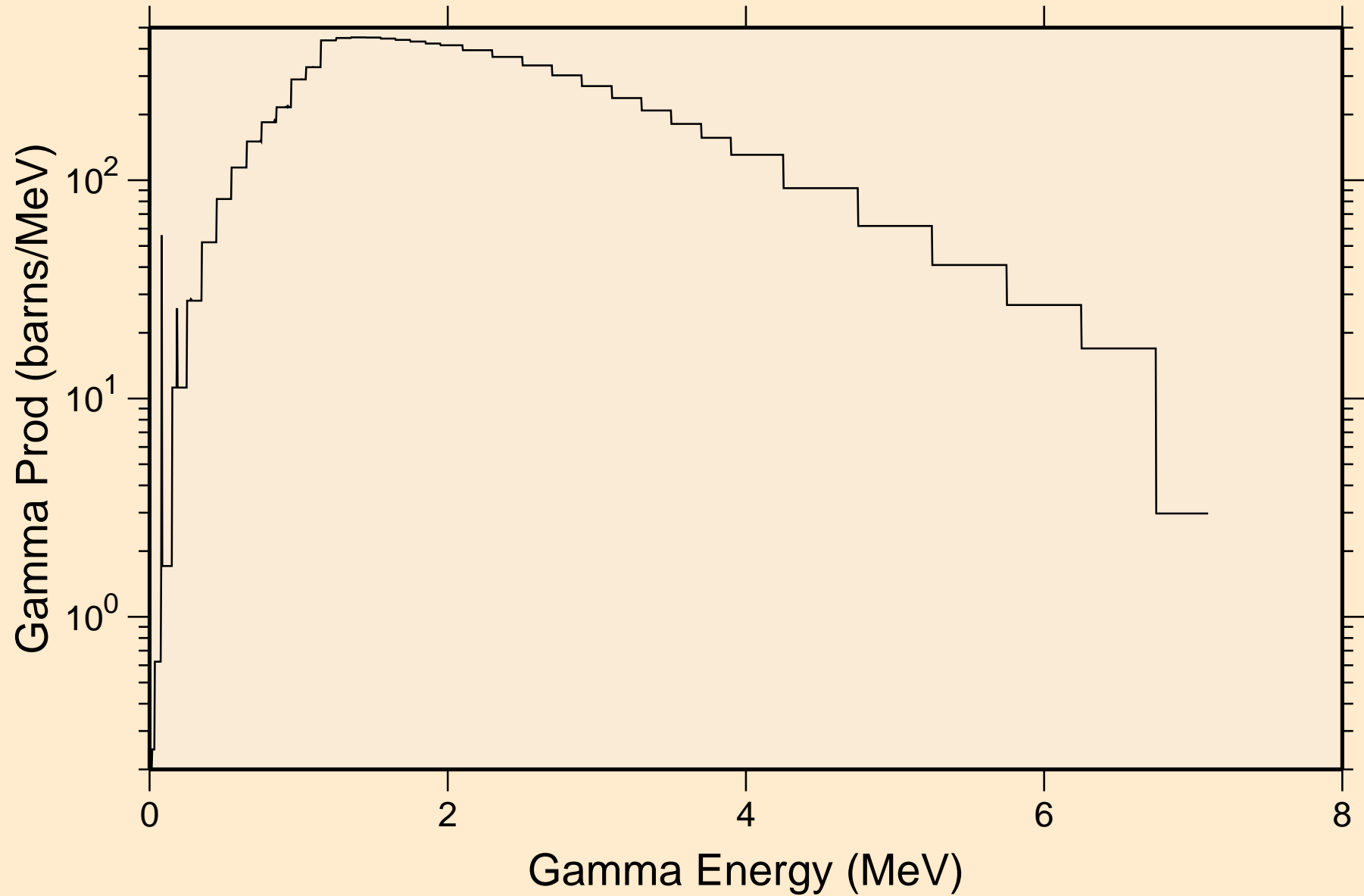
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



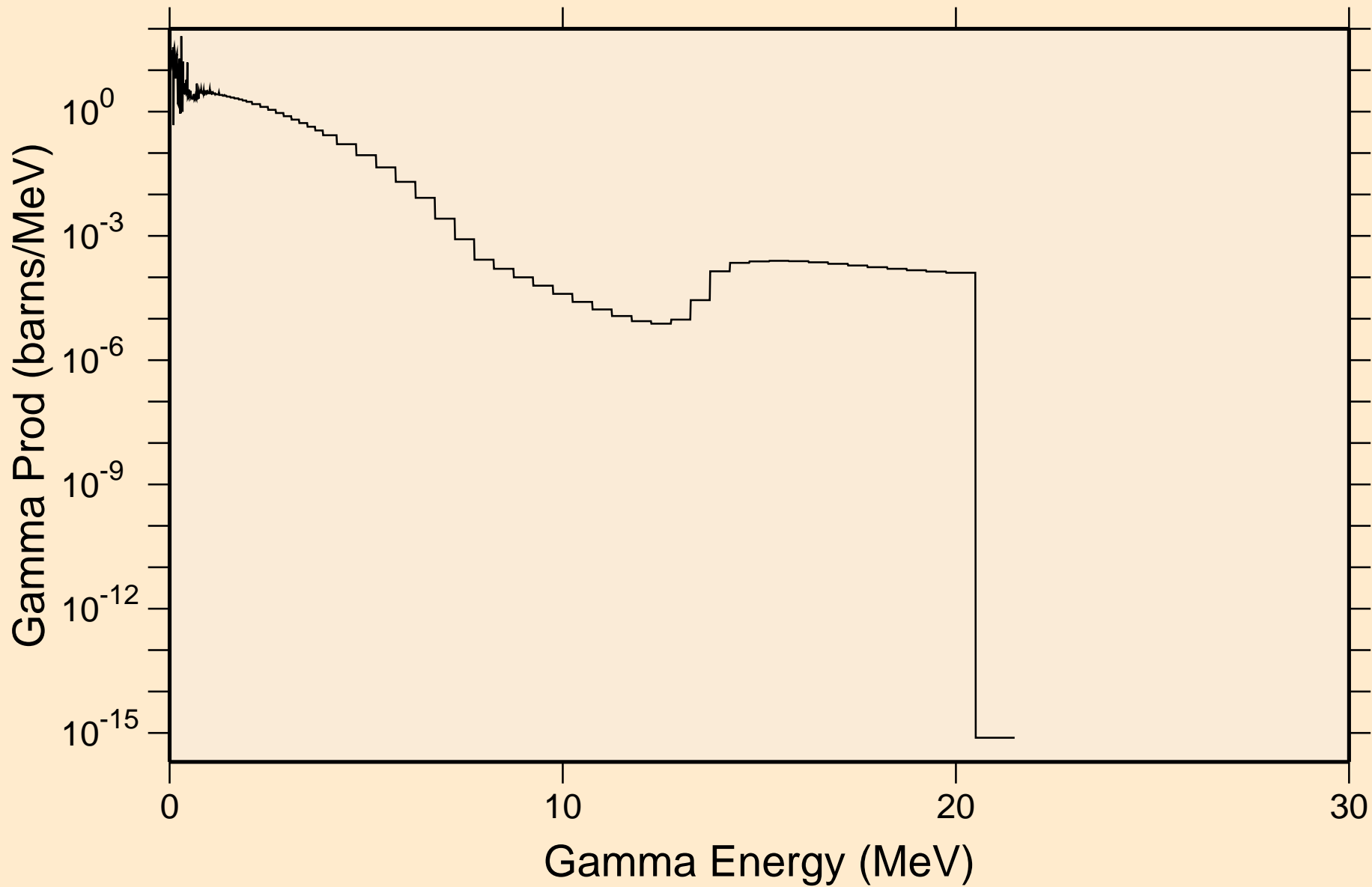
SM153 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



SM153 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



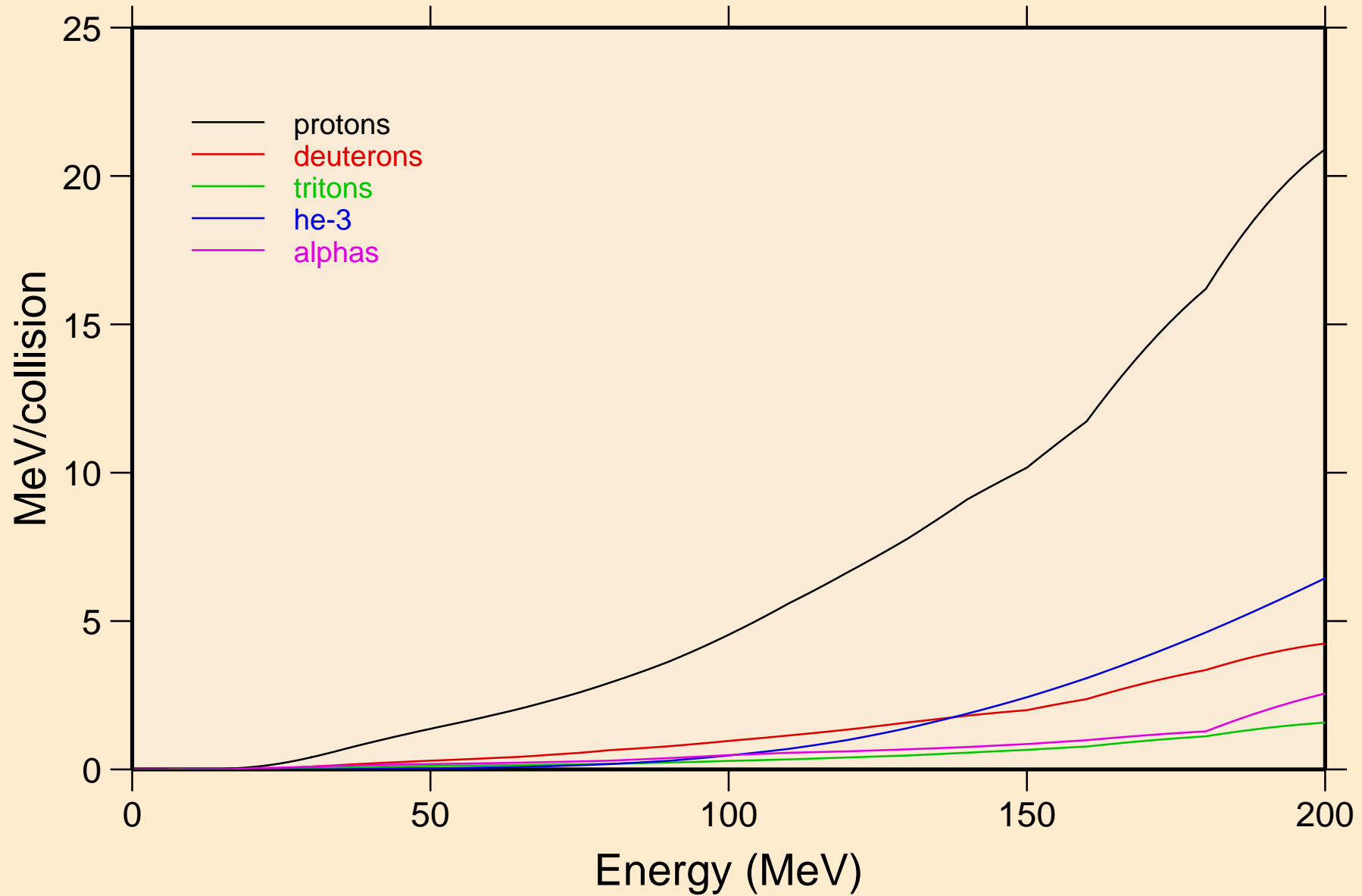
SM153 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





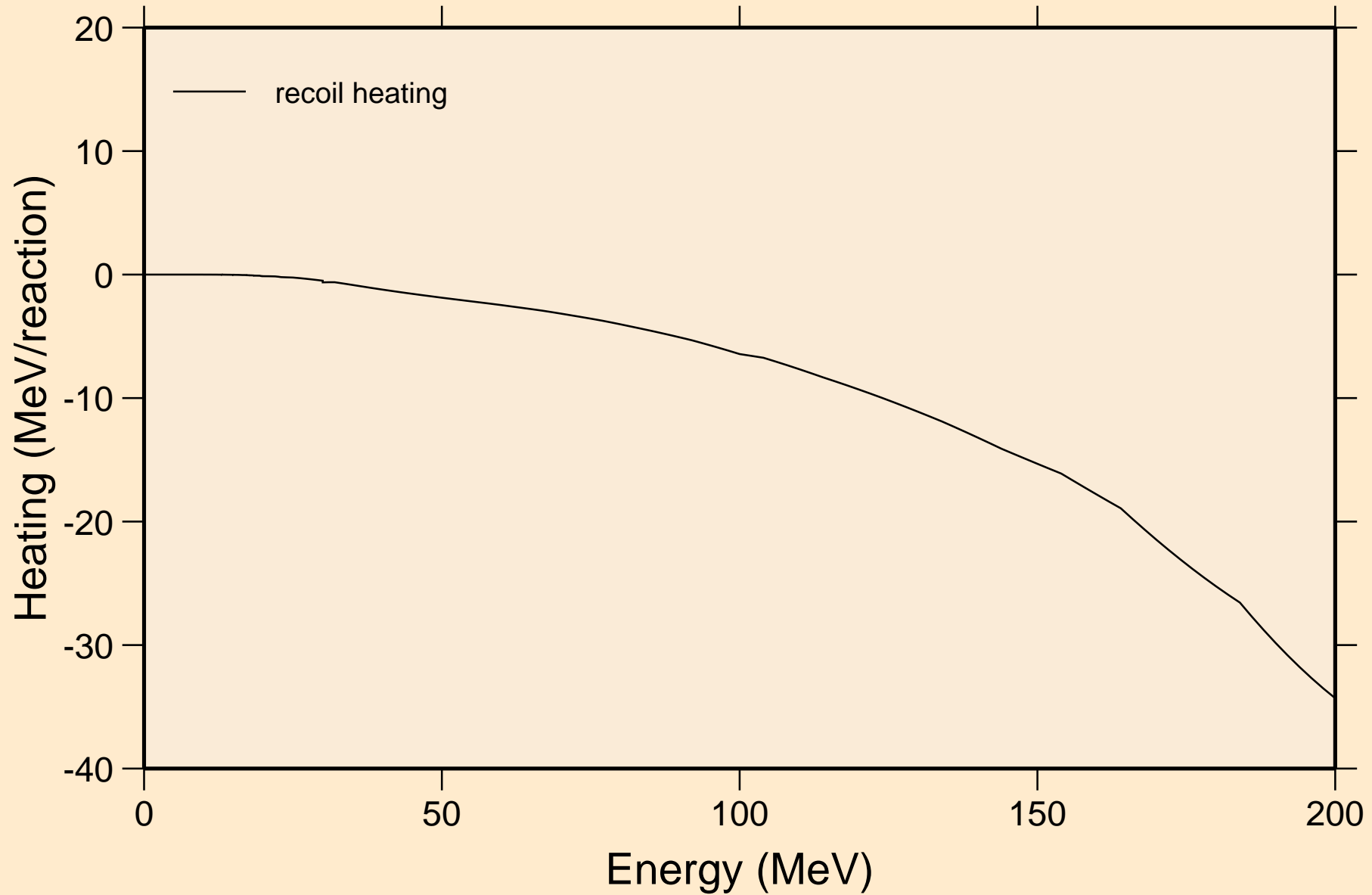
# SM153 NRG TENDL-2015, AKONING

## Particle heating contributions



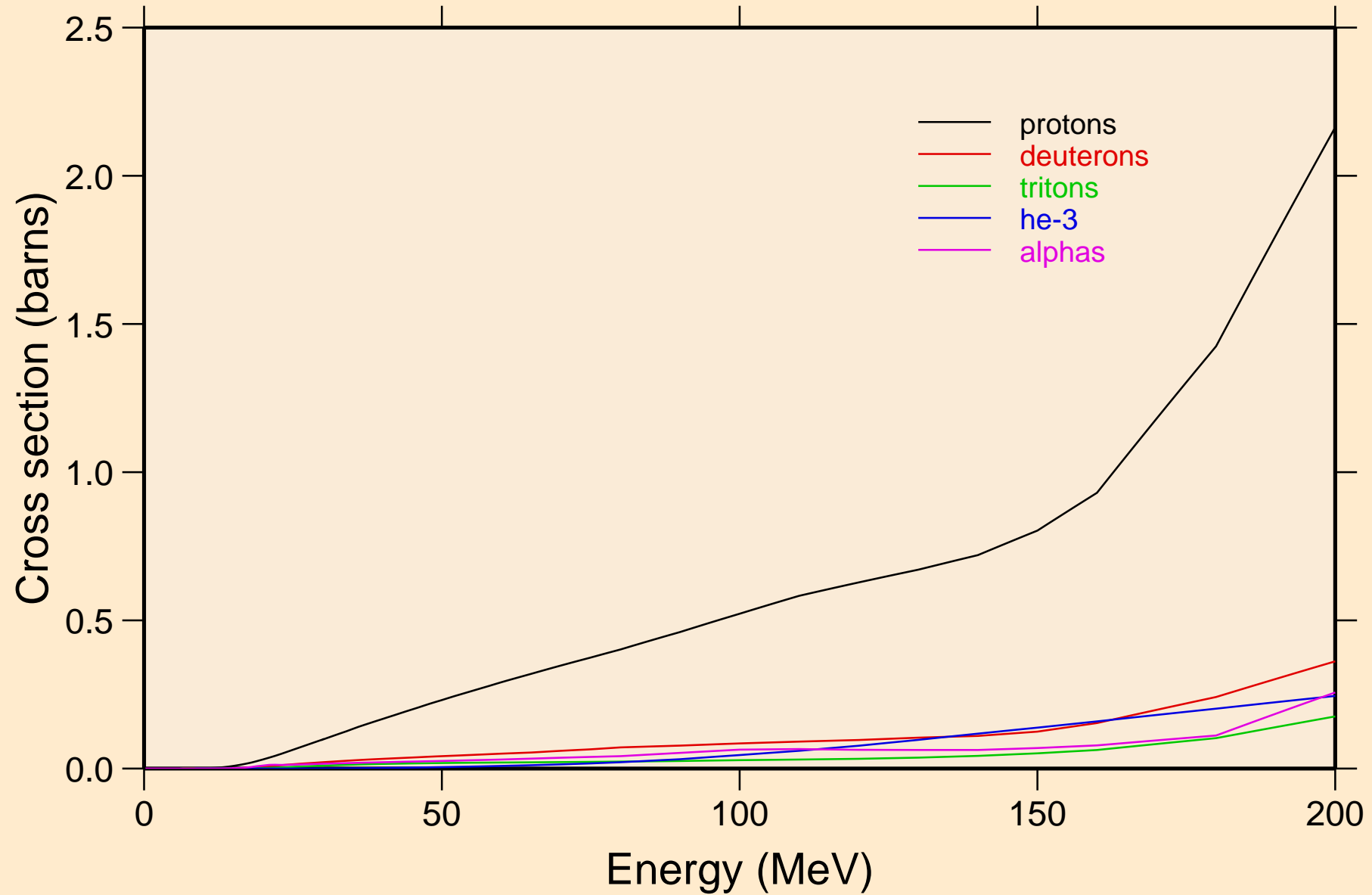
# SM153 NRG TENDL-2015, AKONING

## Recoil Heating

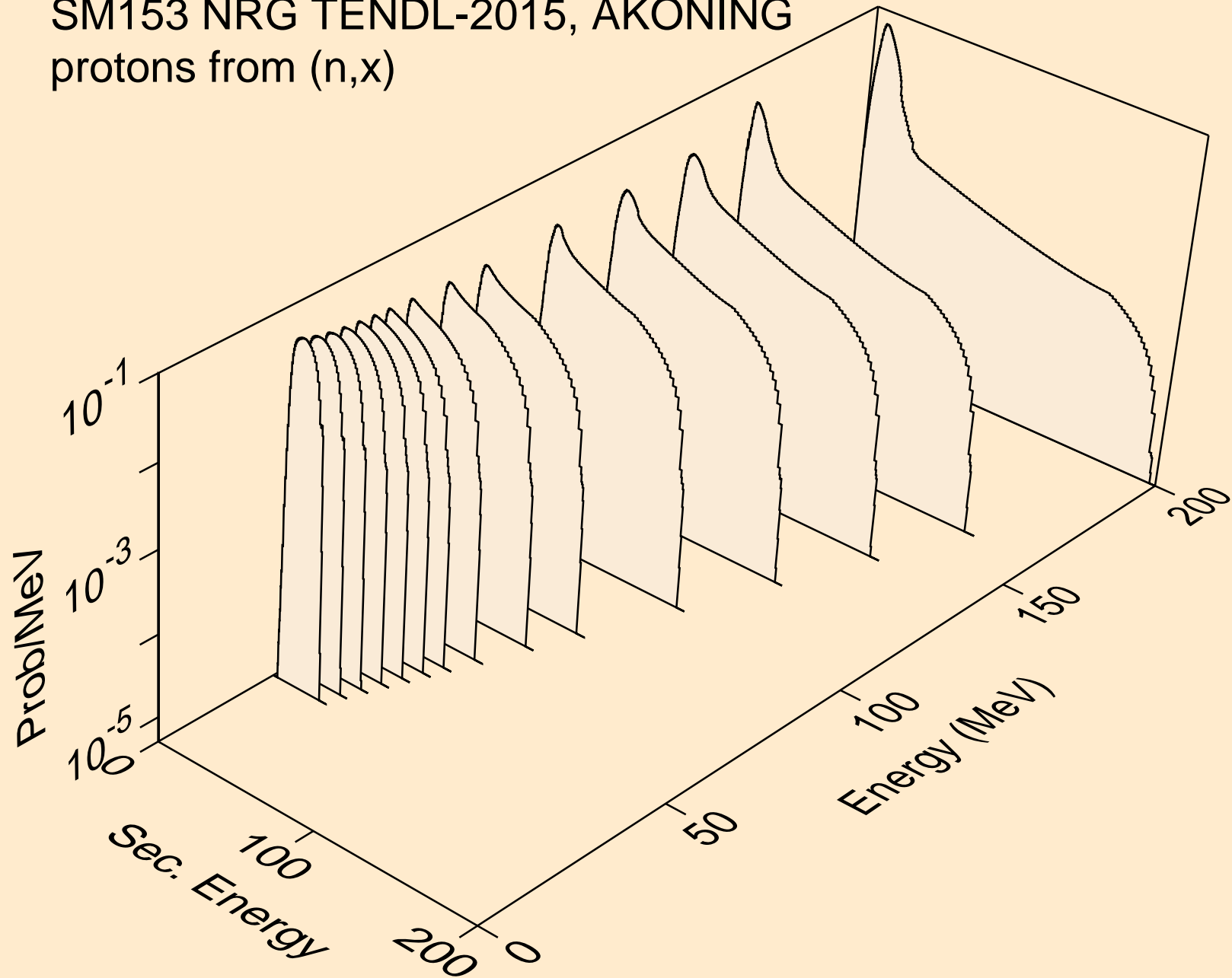


# SM153 NRG TENDL-2015, AKONING

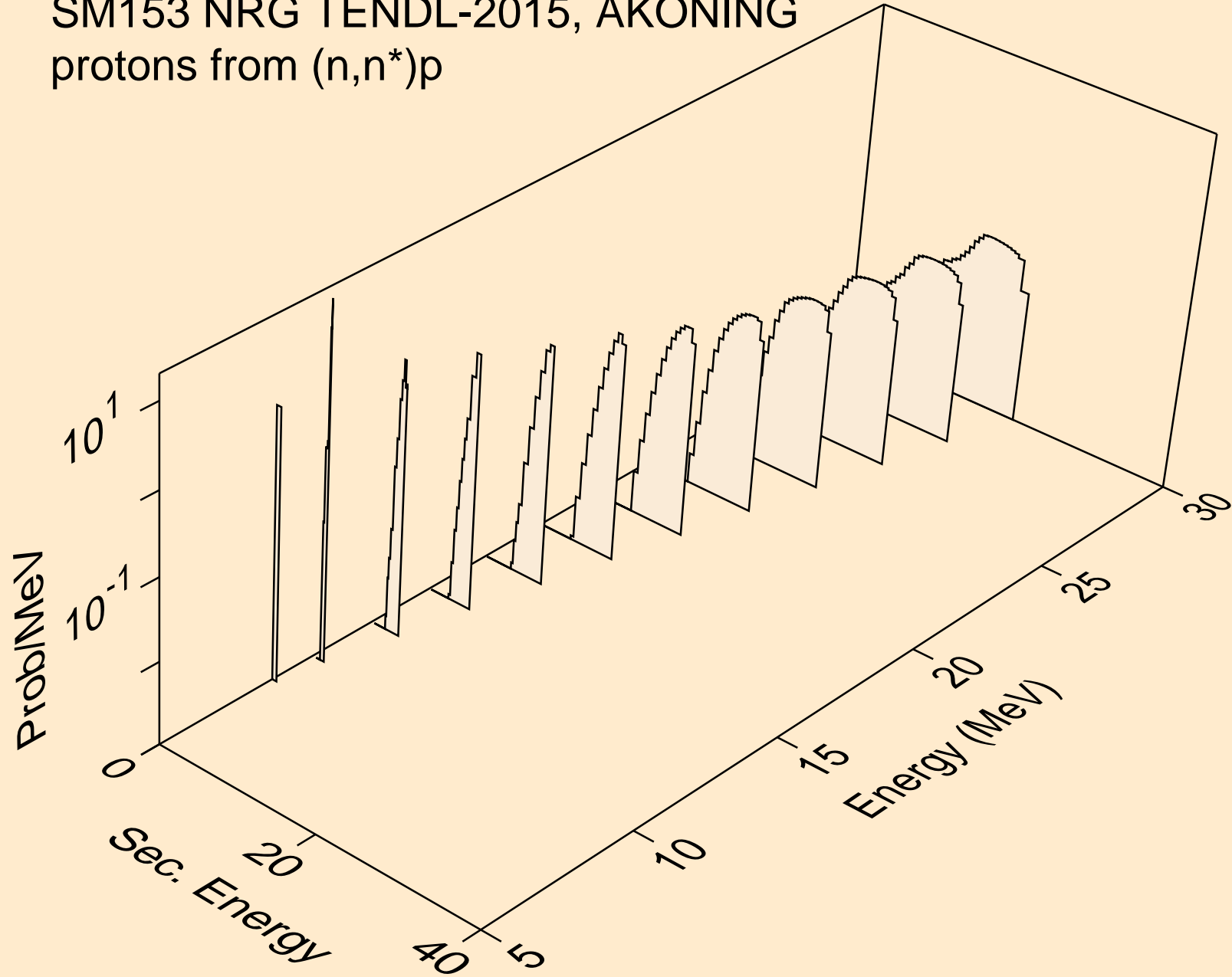
## Particle production cross sections



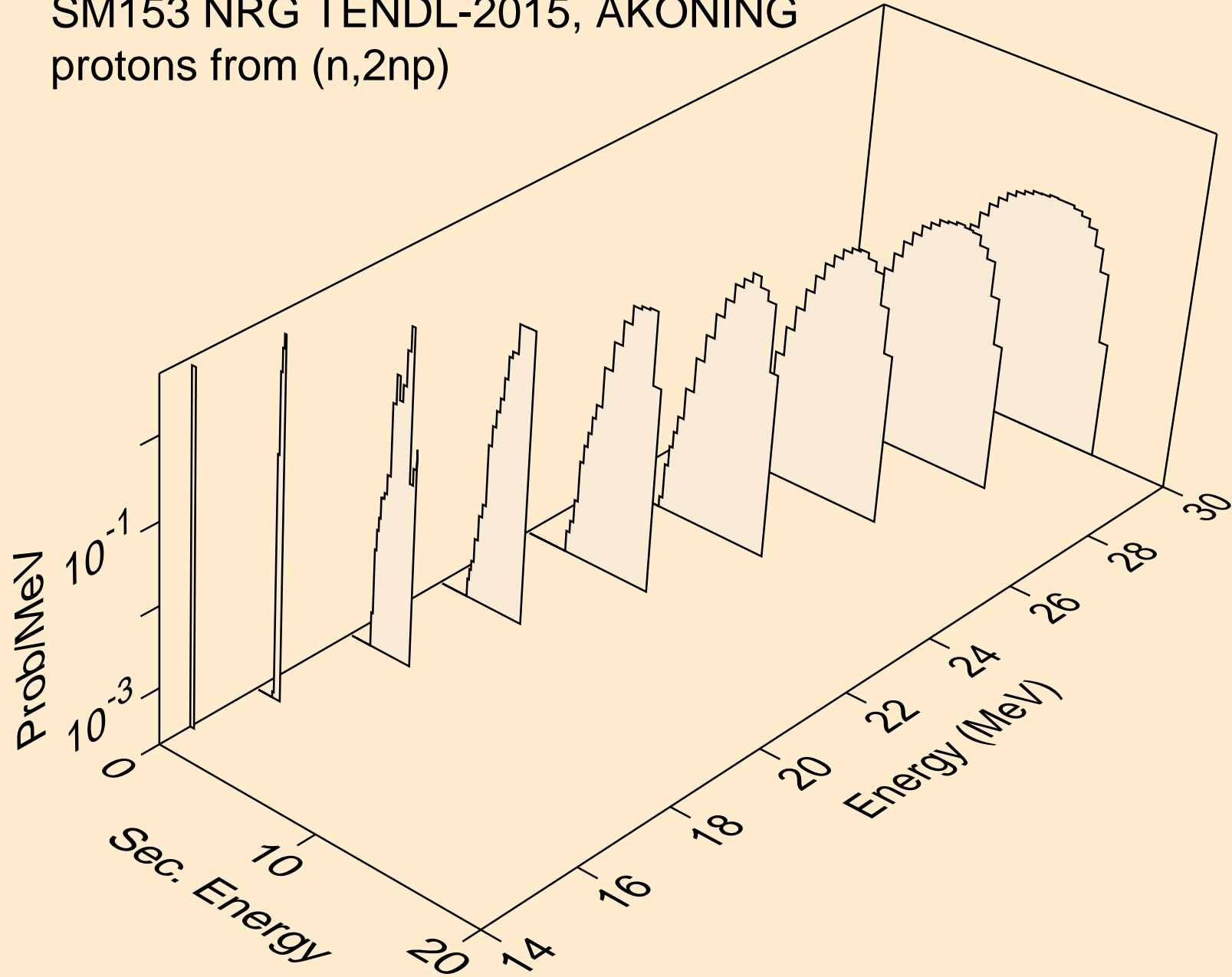
SM153 NRG TENDL-2015, AKONING  
protons from (n,x)



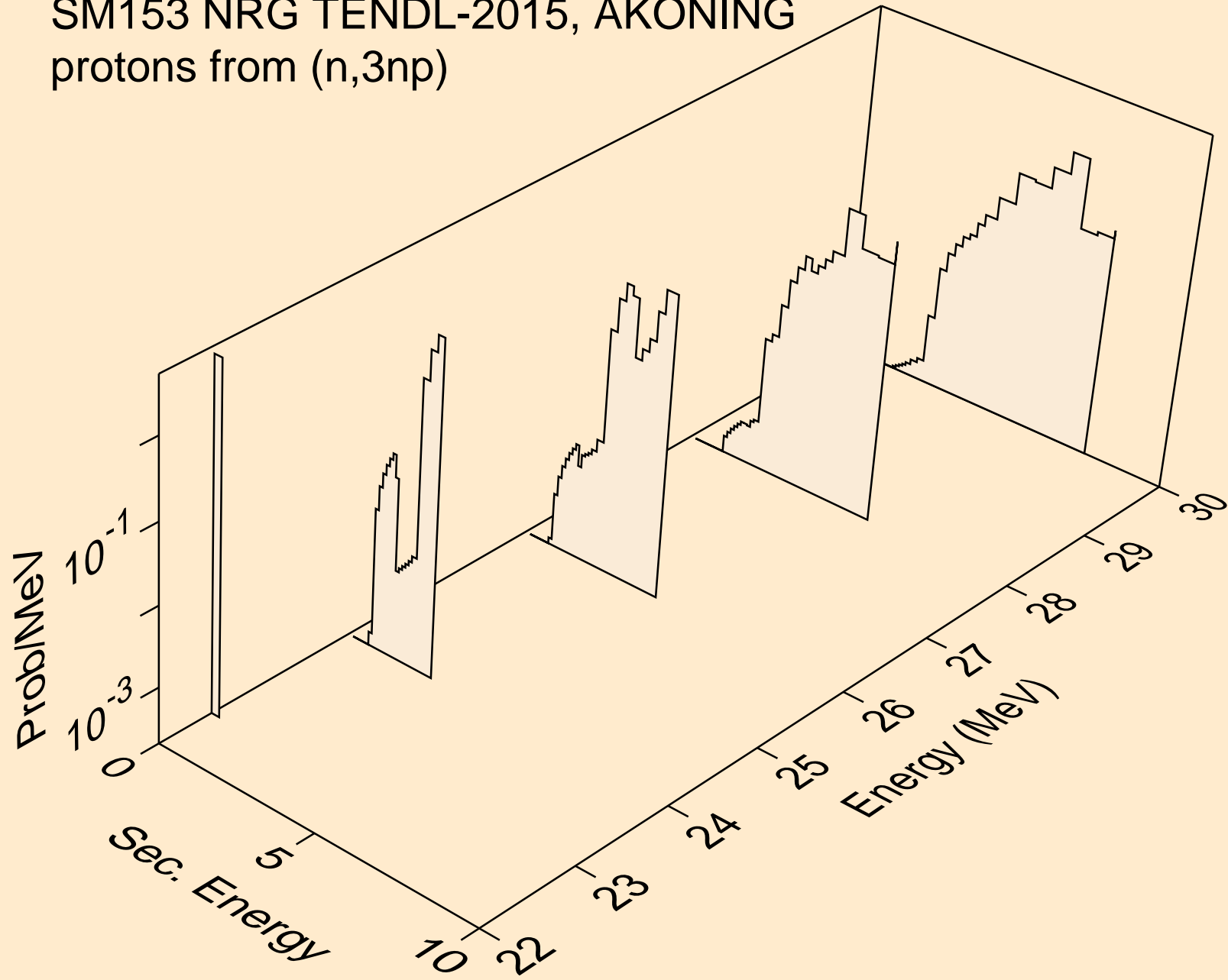
SM153 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



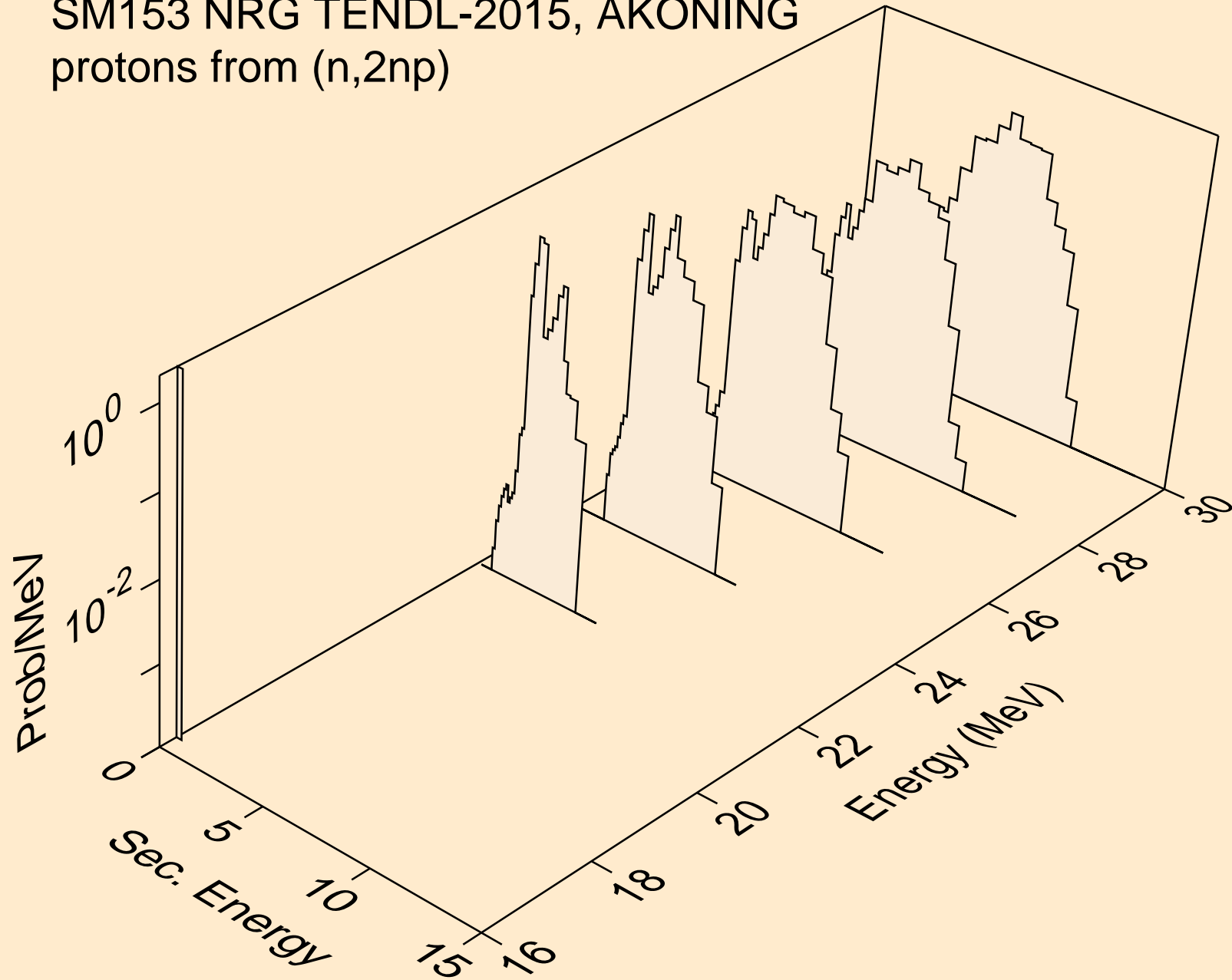
SM153 NRG TENDL-2015, AKONING  
protons from (n,2np)



SM153 NRG TENDL-2015, AKONING  
protons from (n,3np)

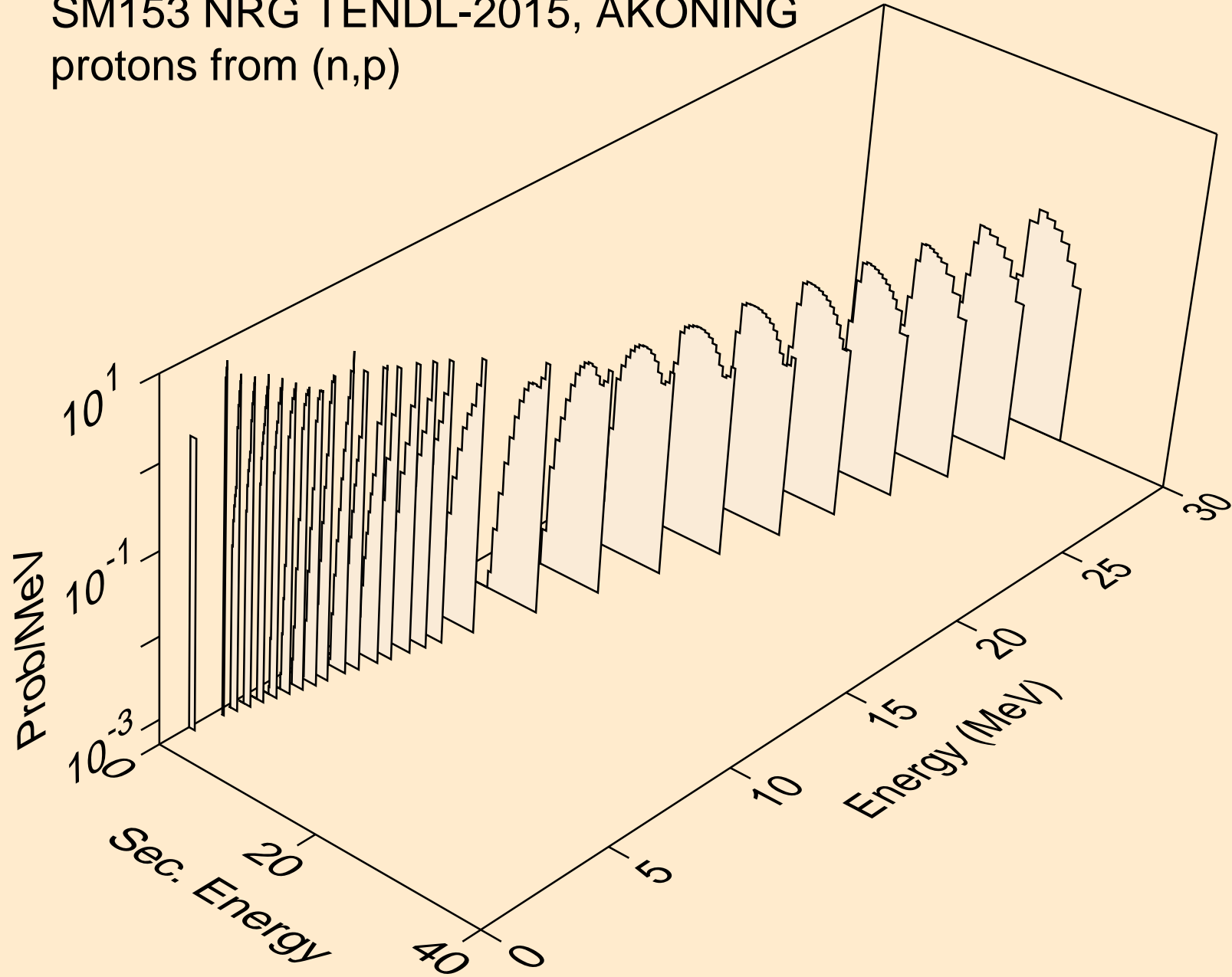


SM153 NRG TENDL-2015, AKONING  
protons from (n,2np)

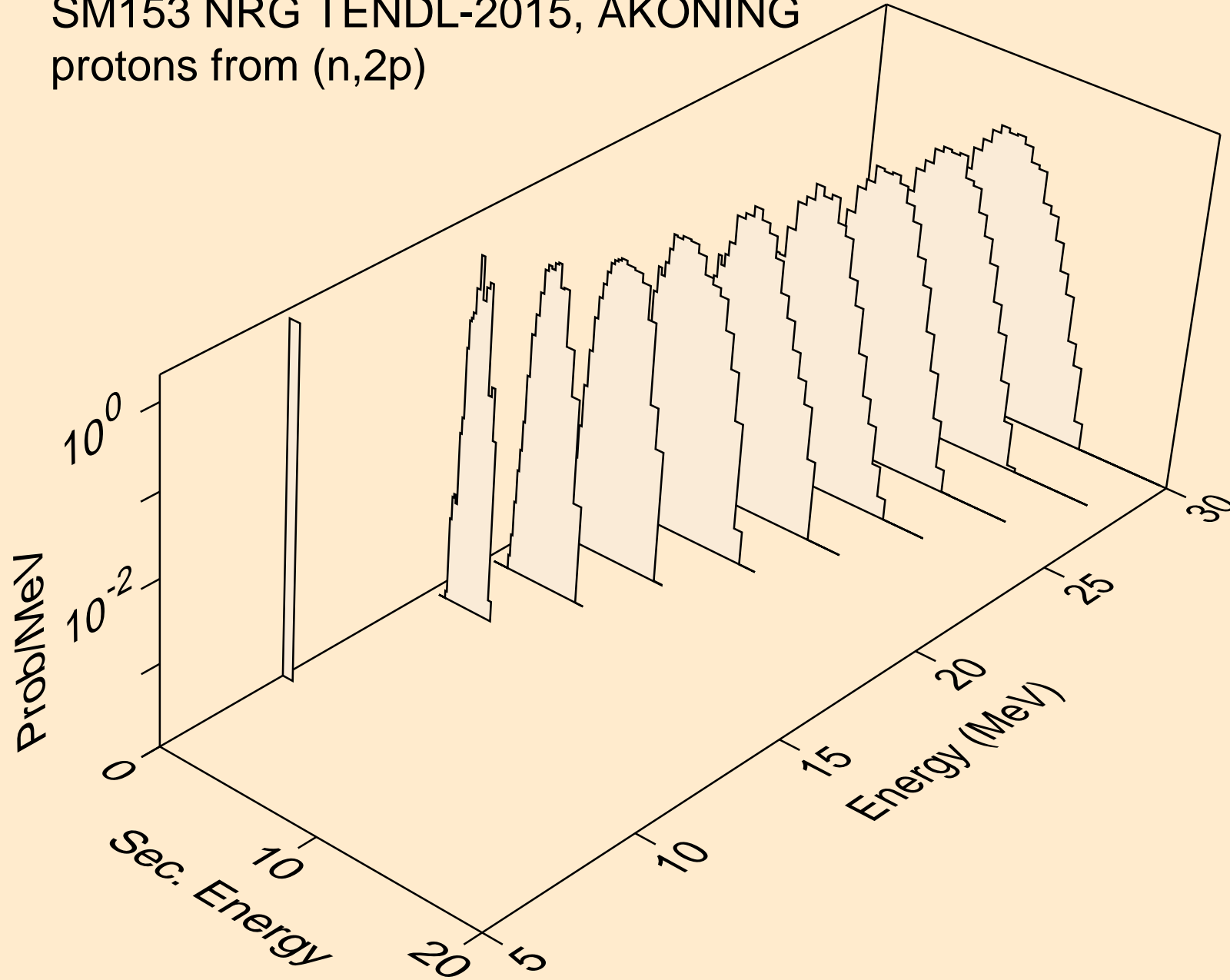




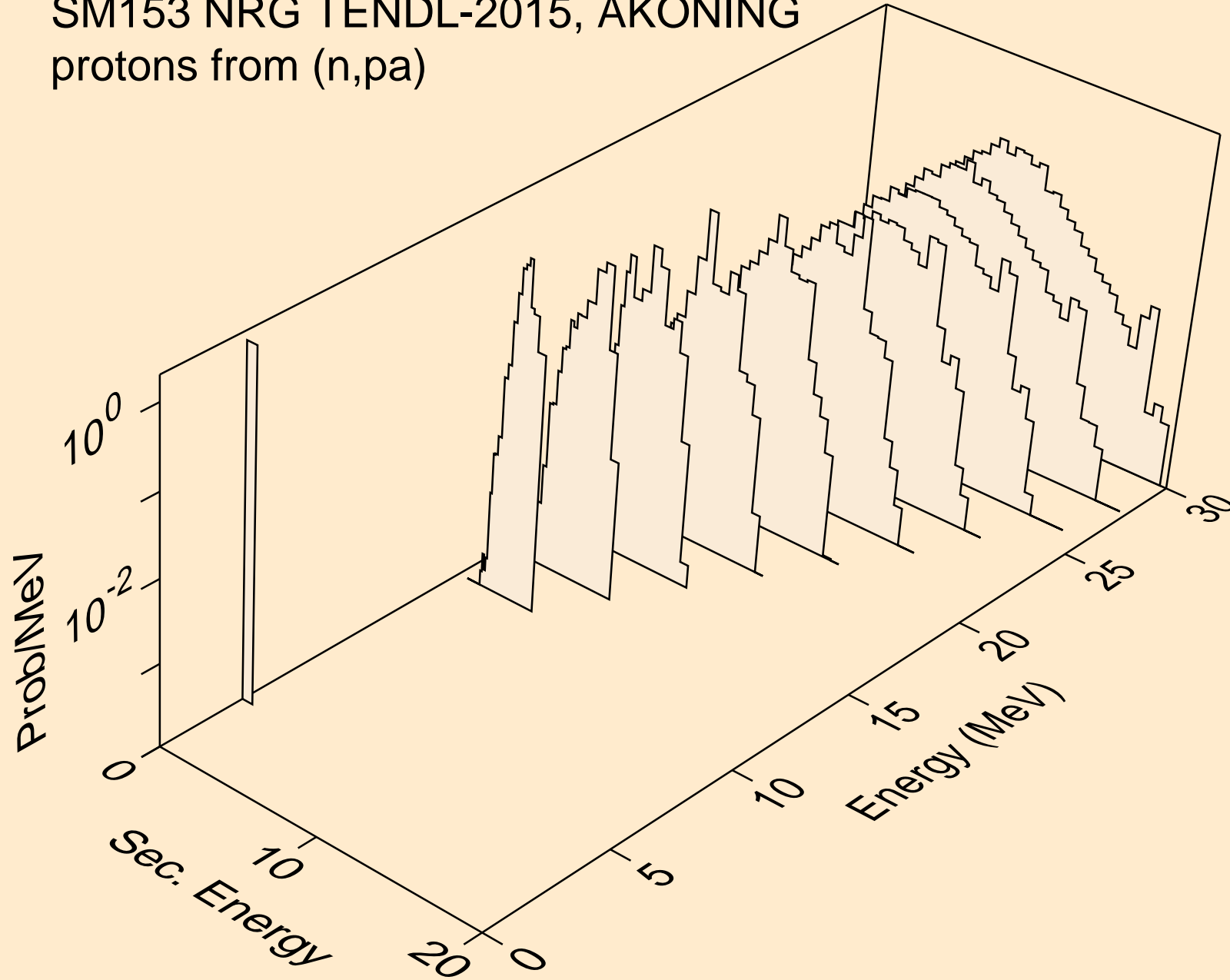
SM153 NRG TENDL-2015, AKONING  
protons from (n,p)



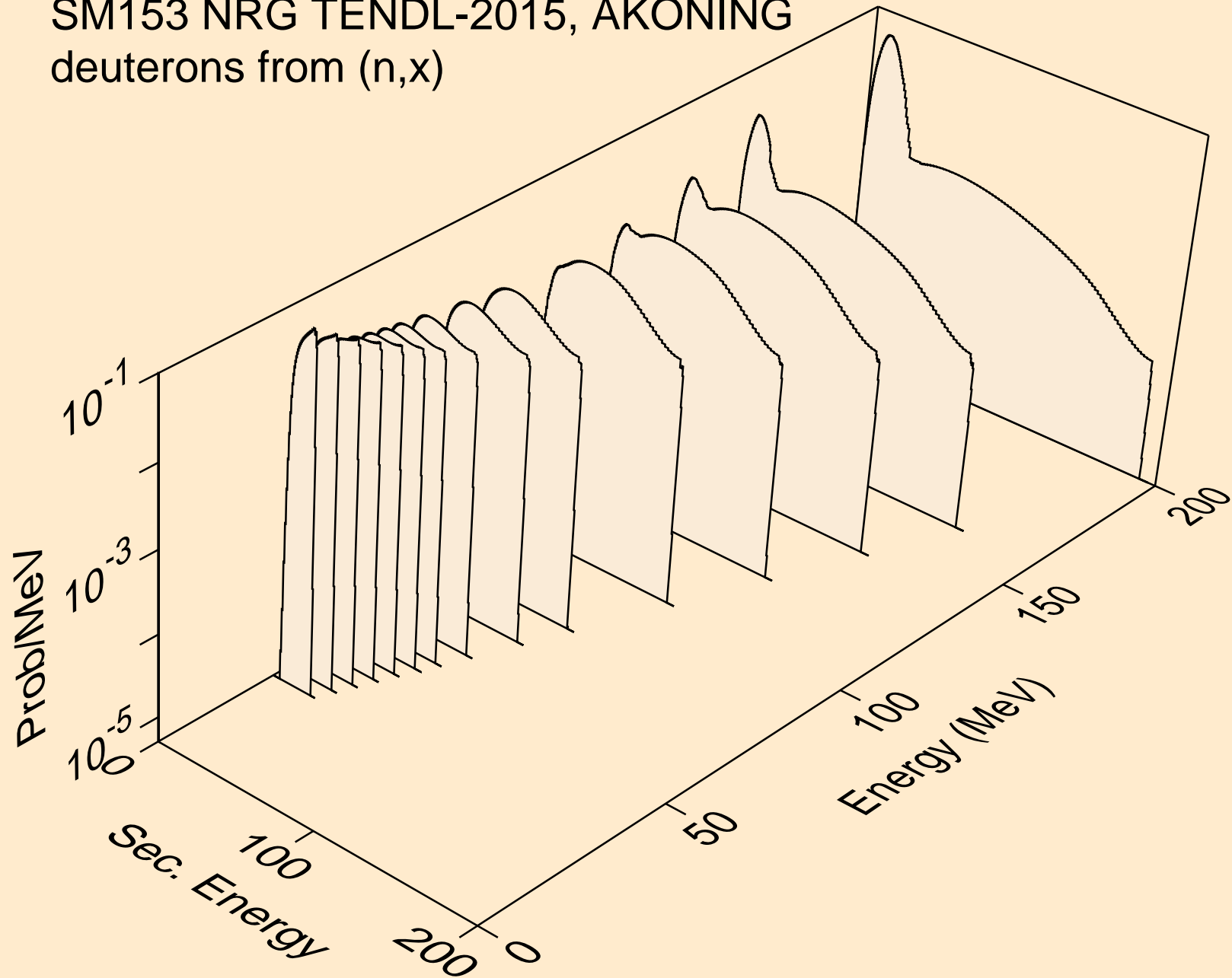
SM153 NRG TENDL-2015, AKONING  
protons from (n,2p)



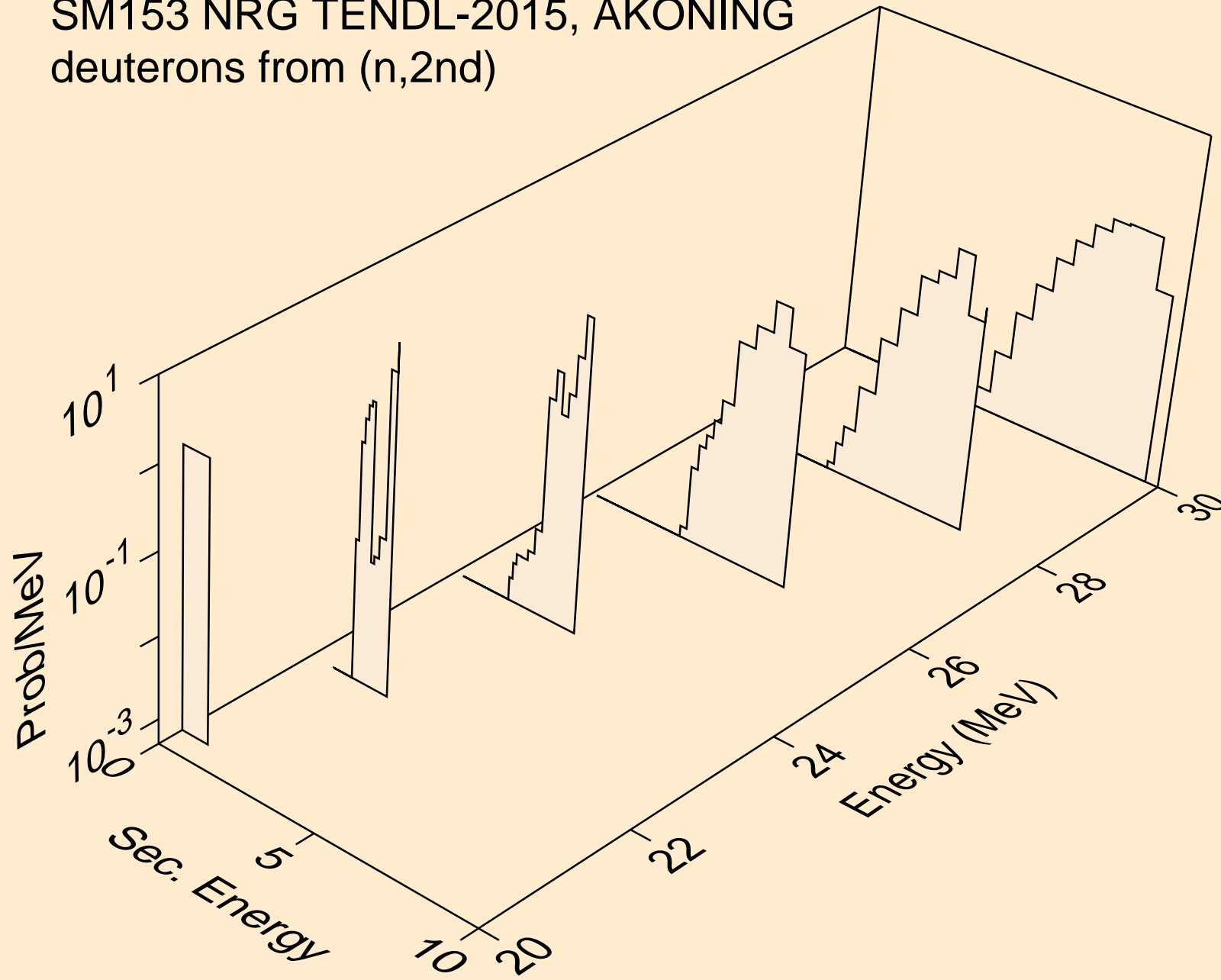
SM153 NRG TENDL-2015, AKONING  
protons from (n,pa)



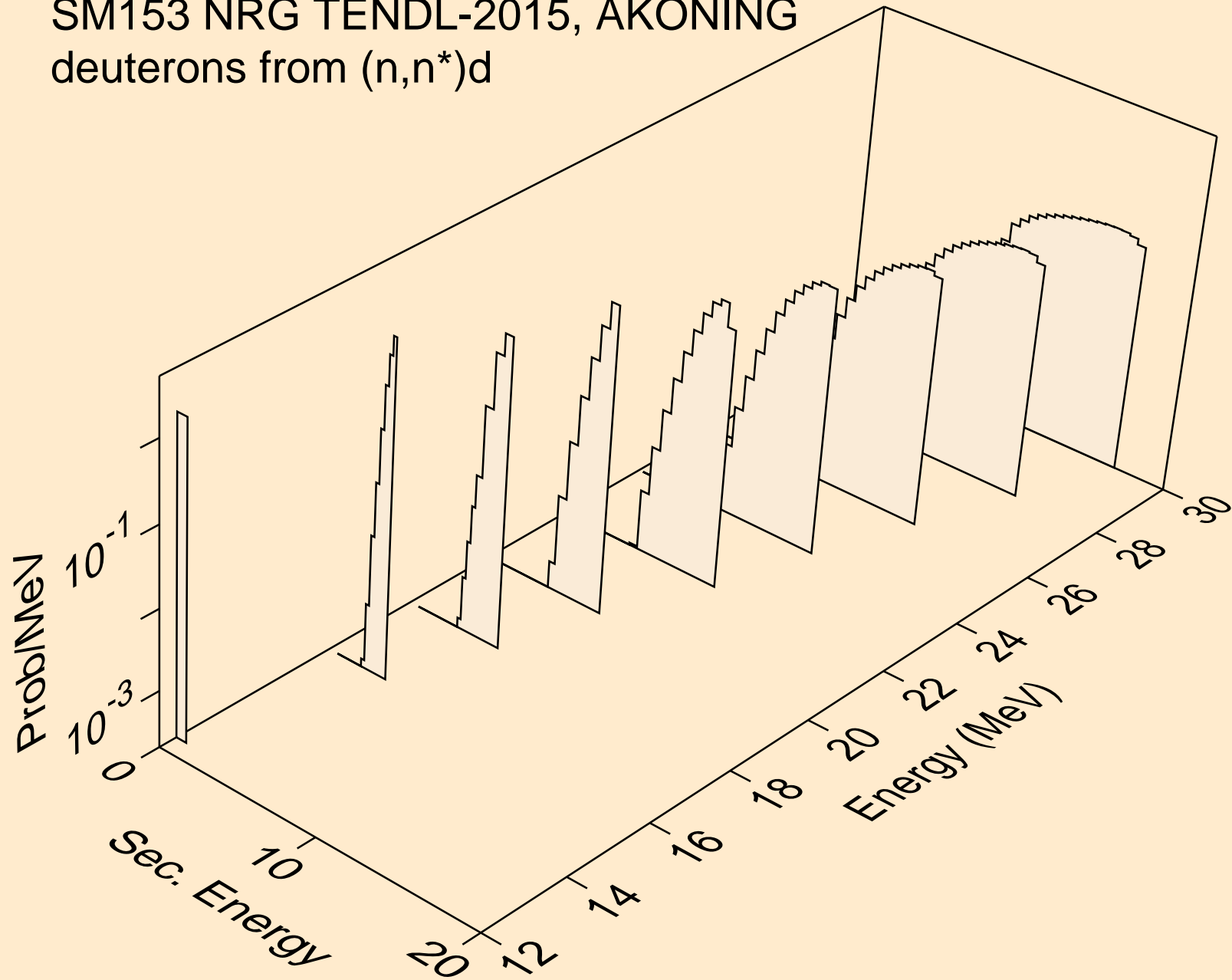
SM153 NRG TENDL-2015, AKONING  
deuterons from (n,x)



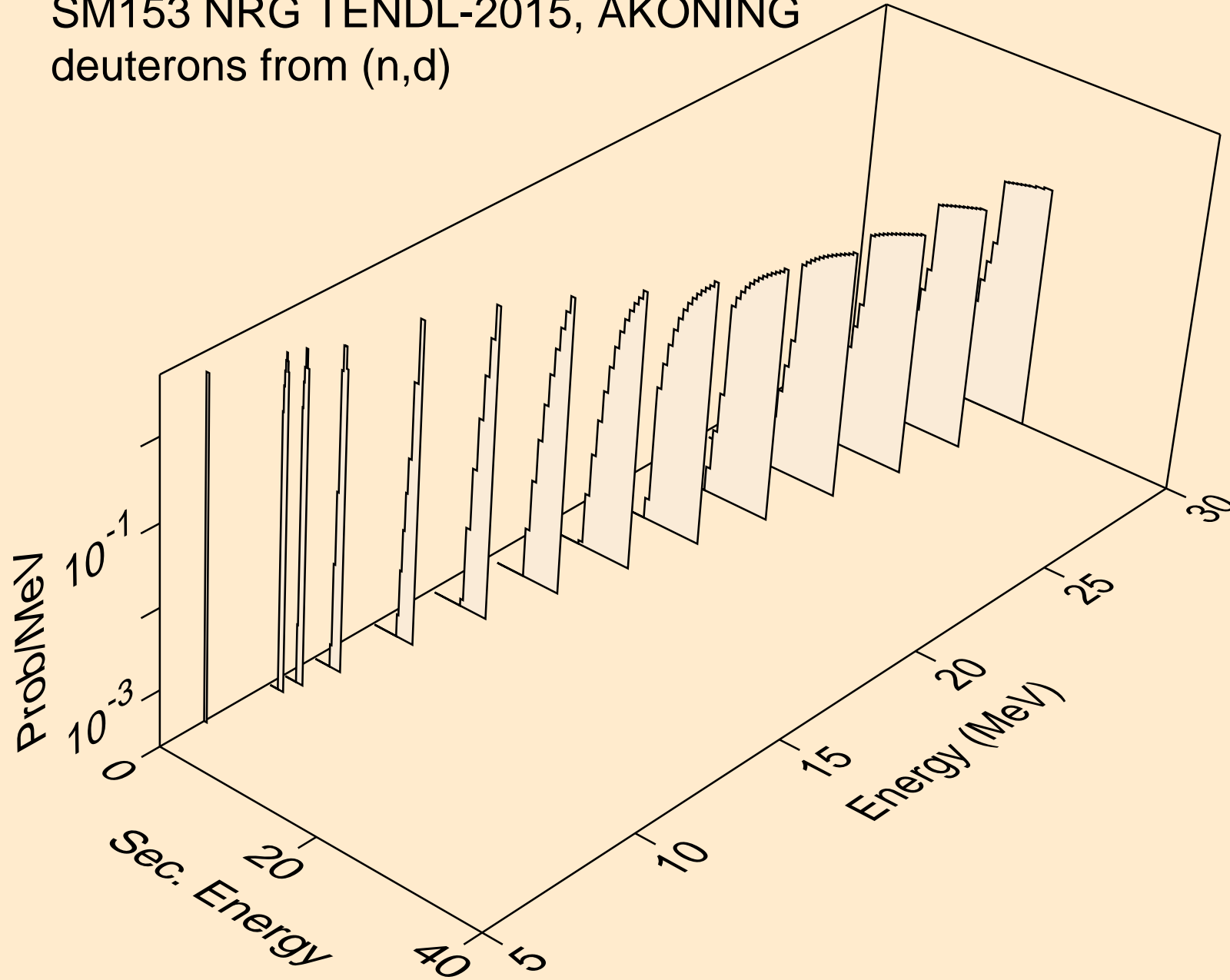
SM153 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



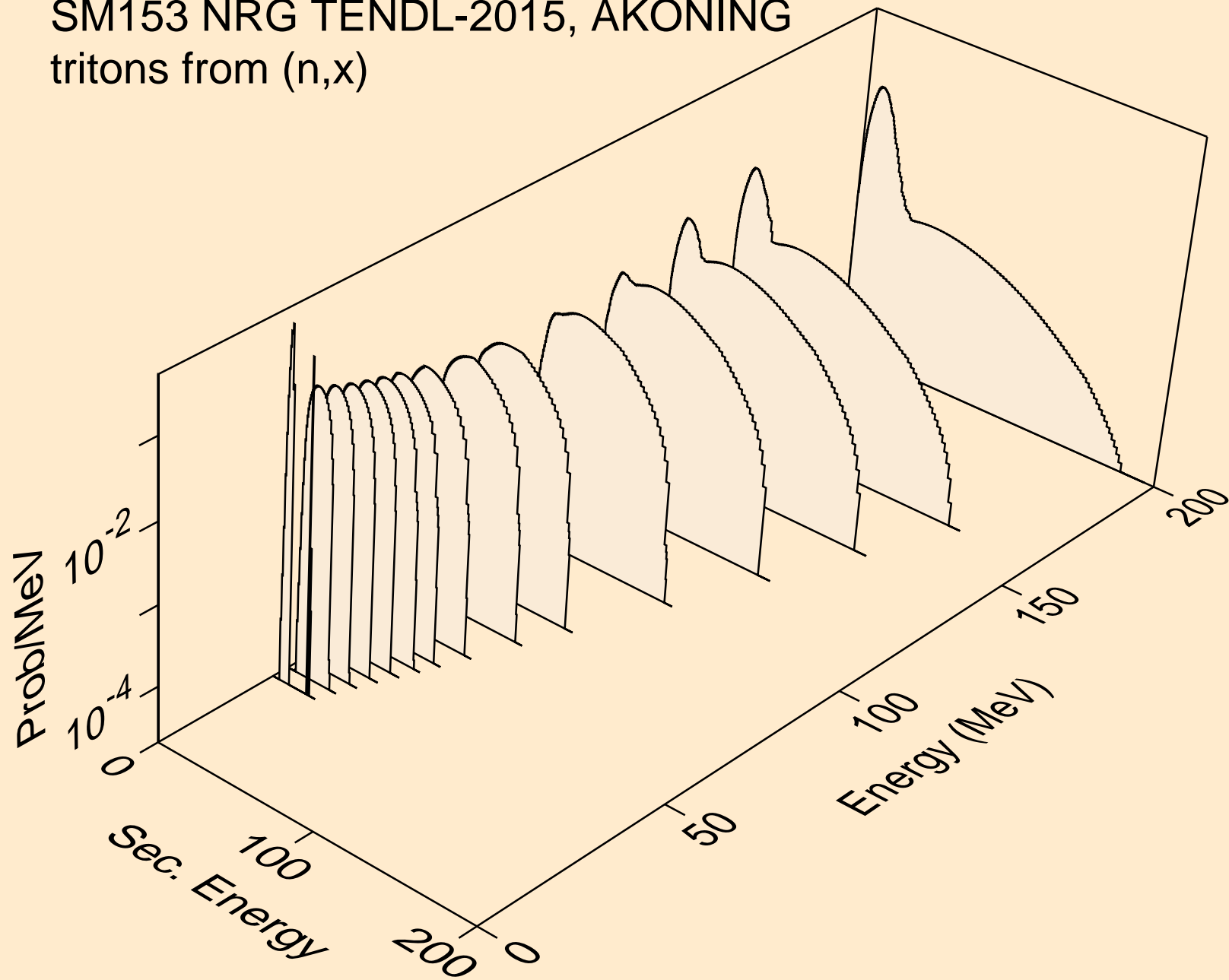
SM153 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



SM153 NRG TENDL-2015, AKONING  
deuterons from (n,d)

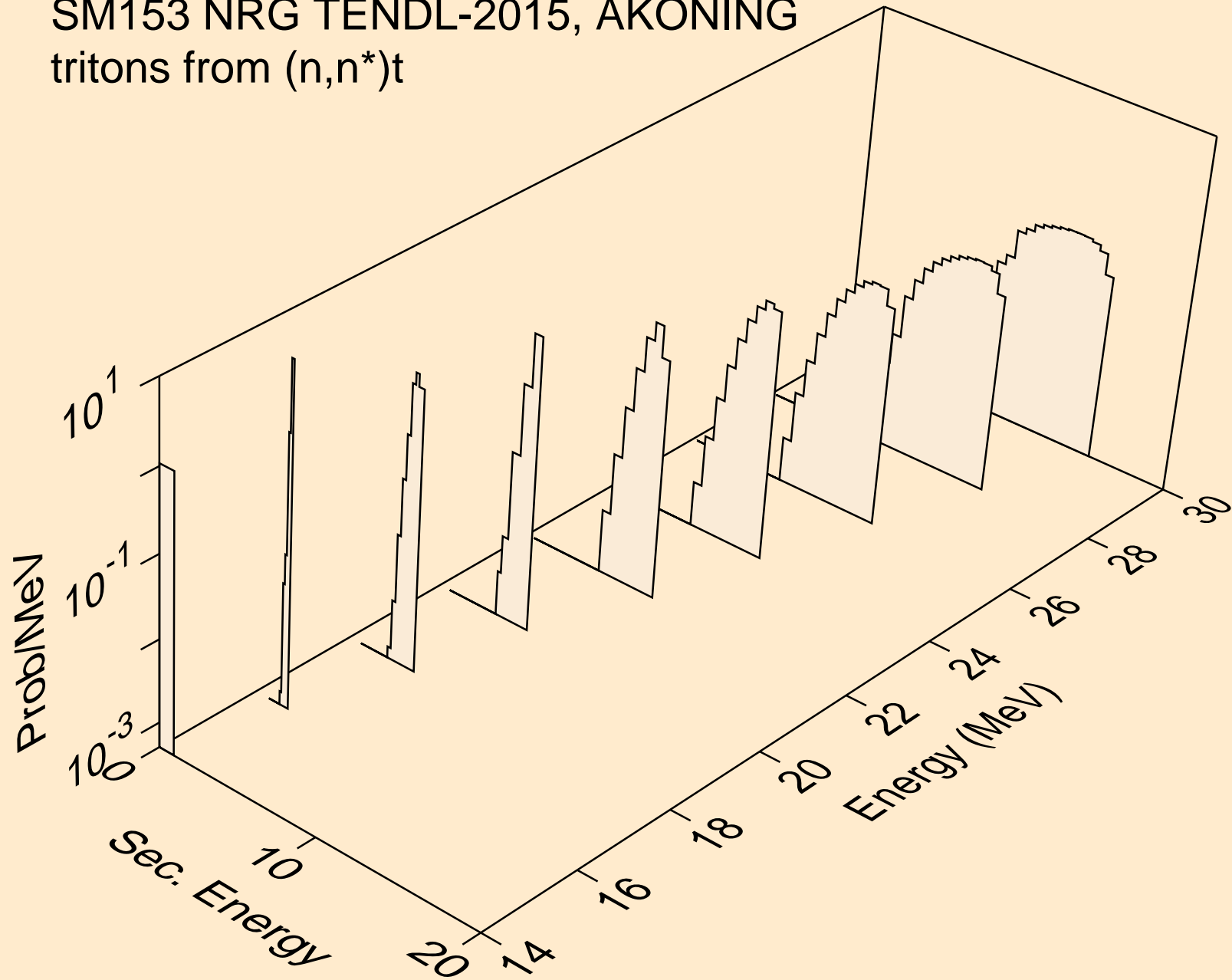


SM153 NRG TENDL-2015, AKONING  
tritons from (n,x)

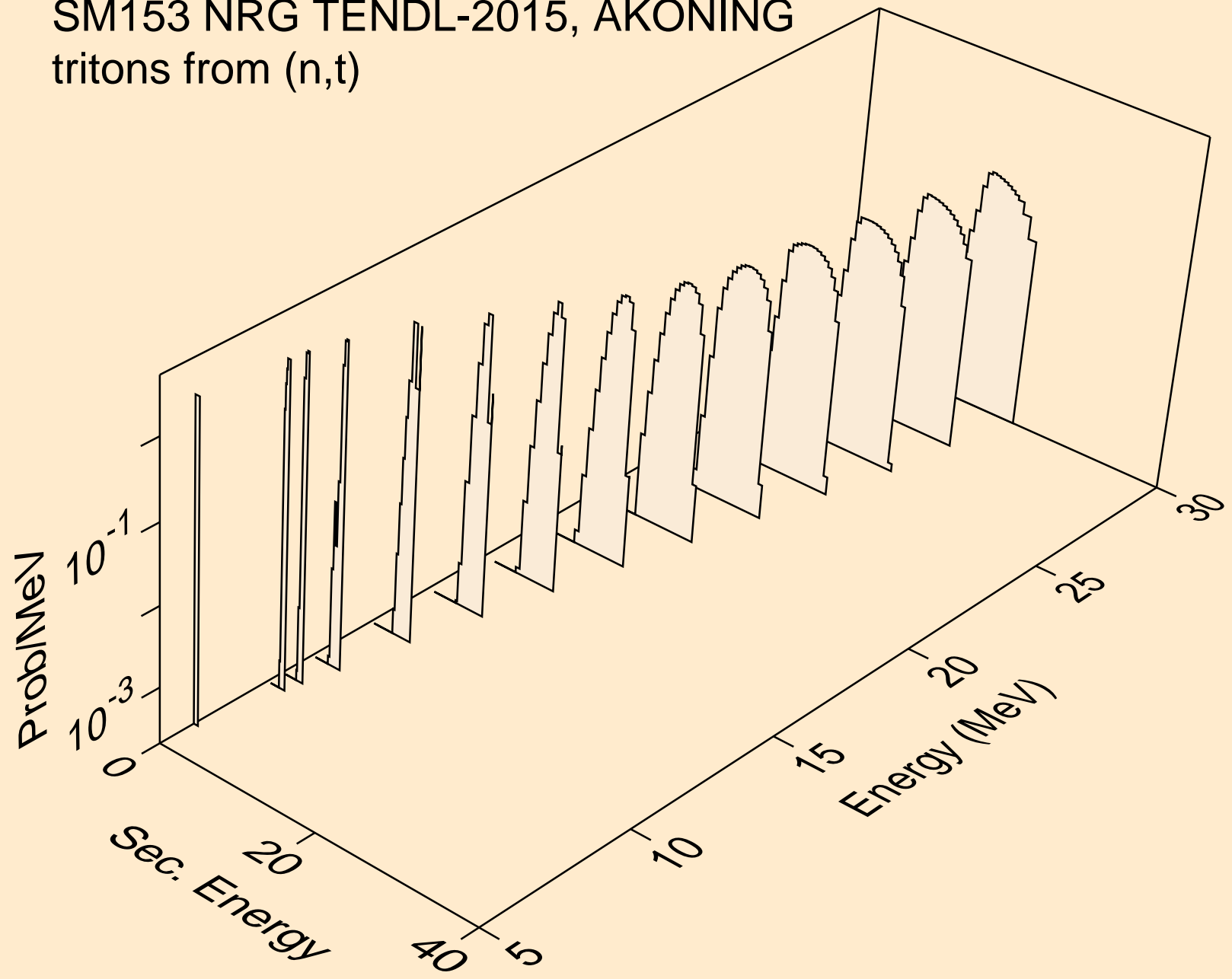




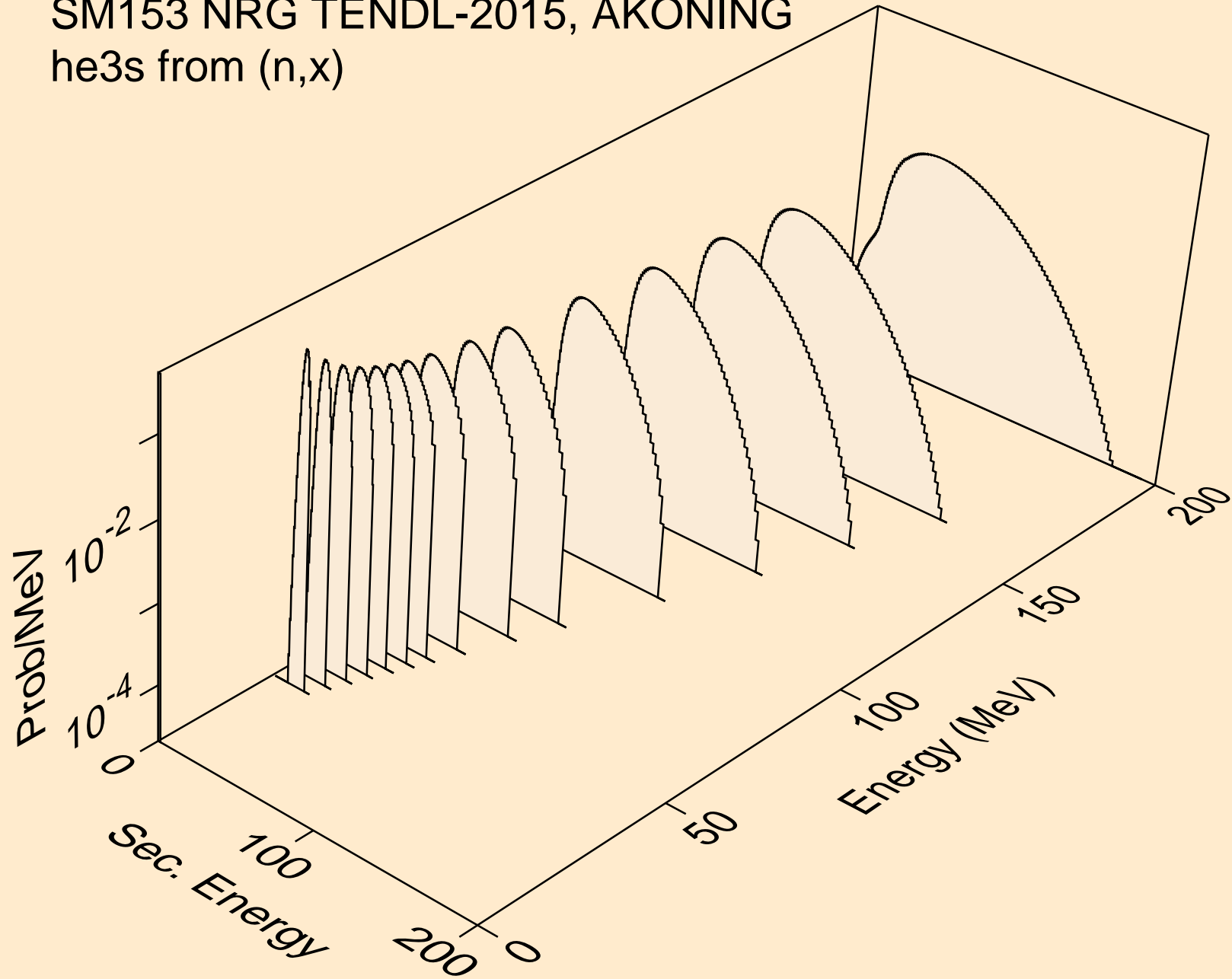
SM153 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



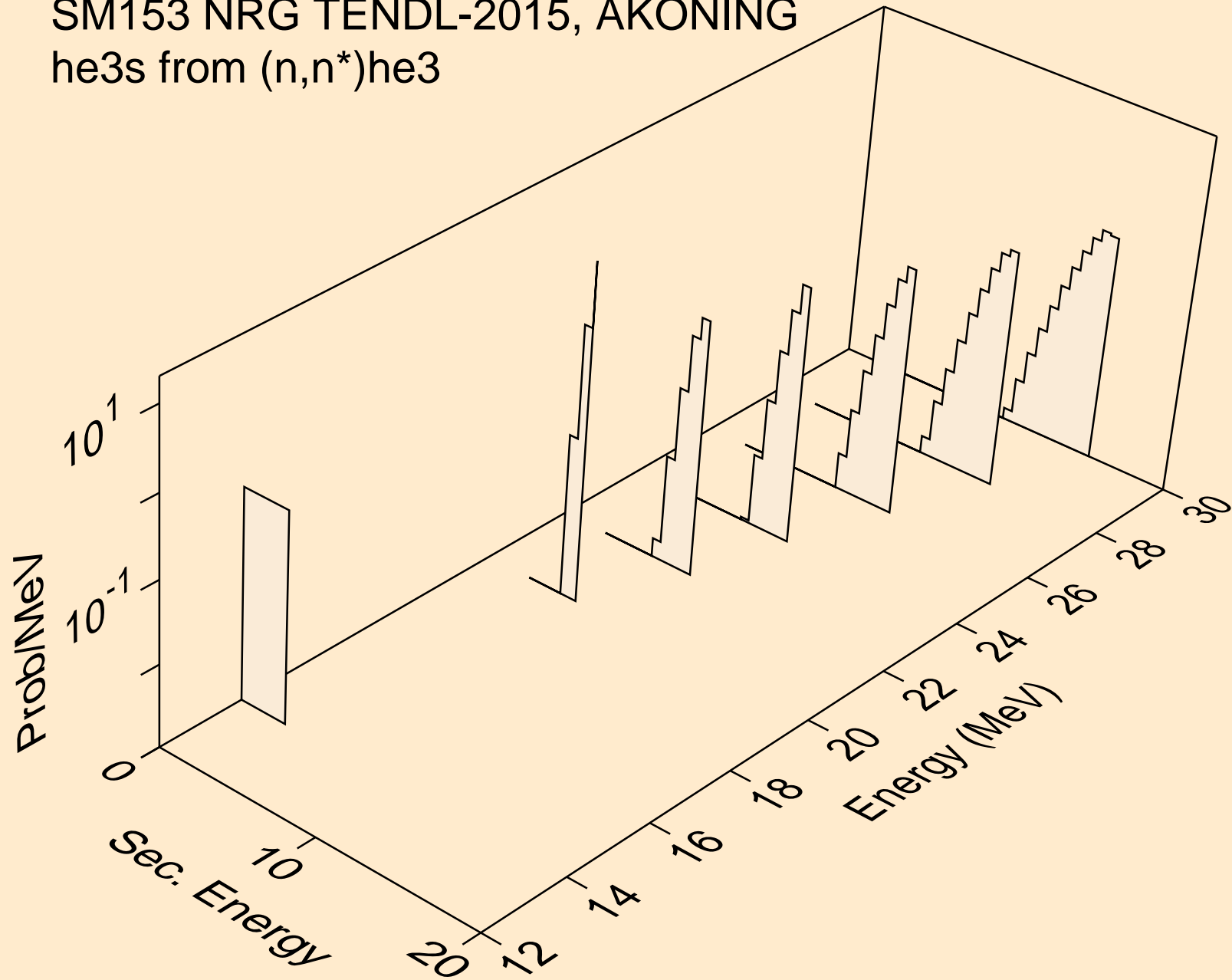
SM153 NRG TENDL-2015, AKONING  
tritons from (n,t)



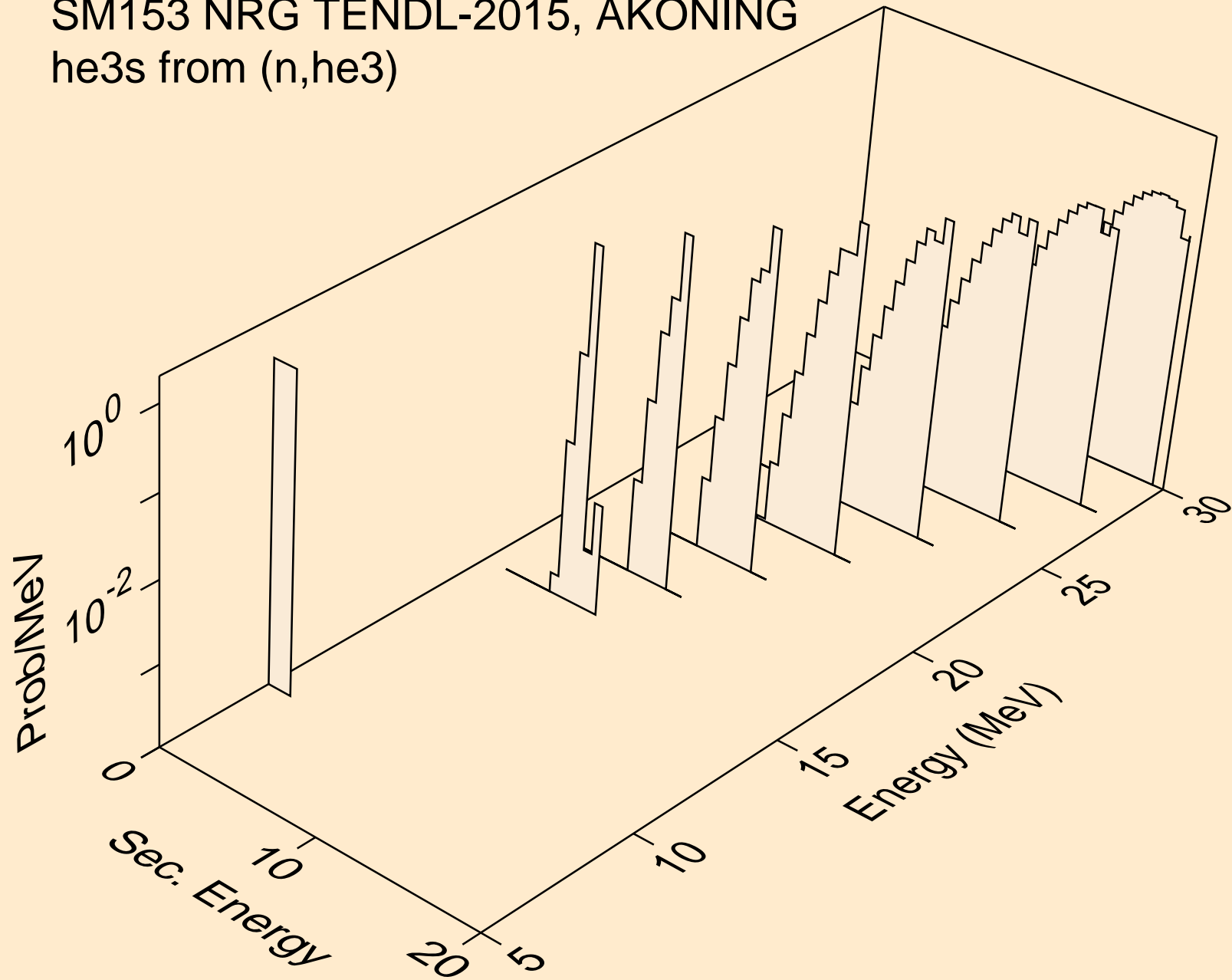
SM153 NRG TENDL-2015, AKONING  
he3s from (n,x)



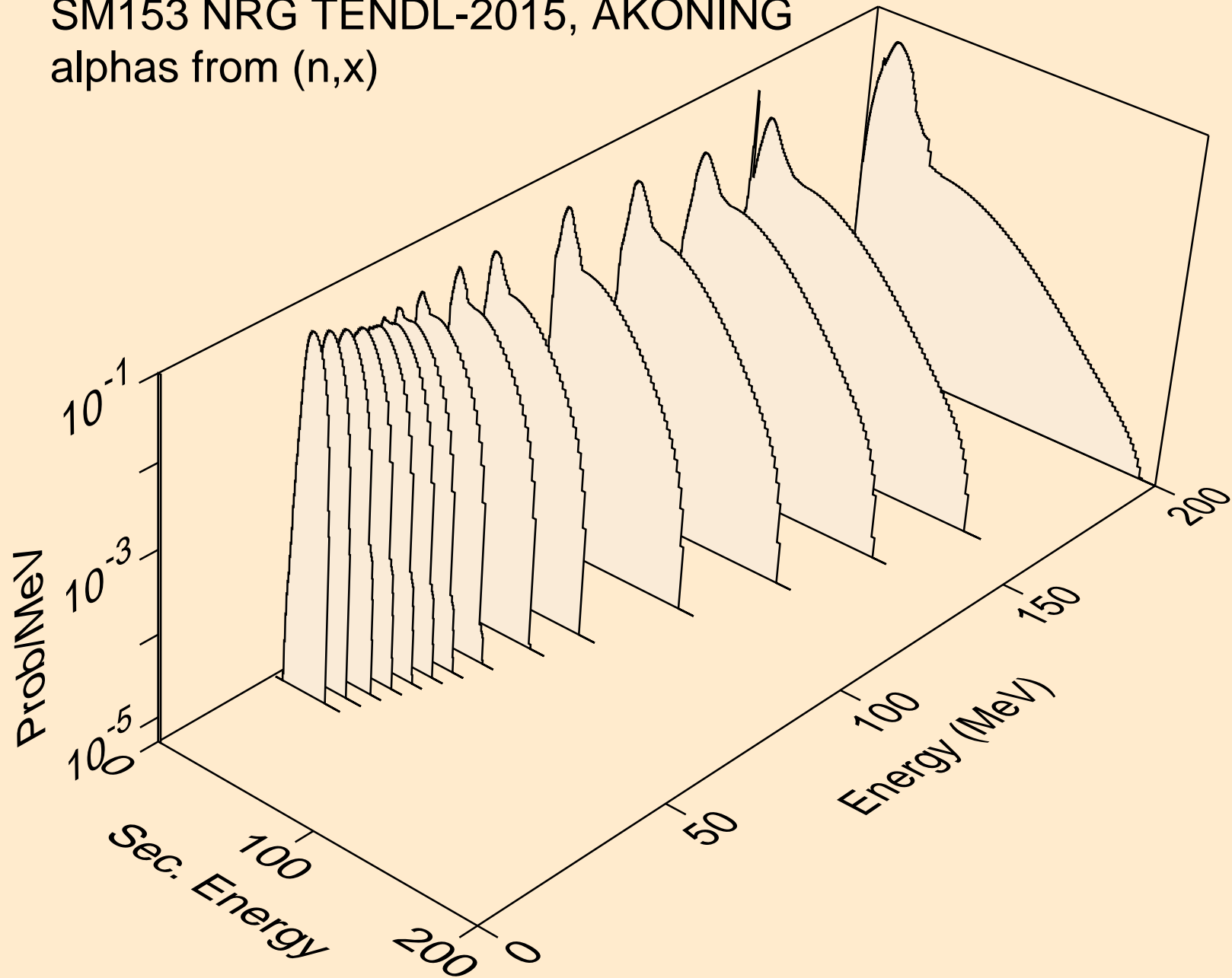
SM153 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



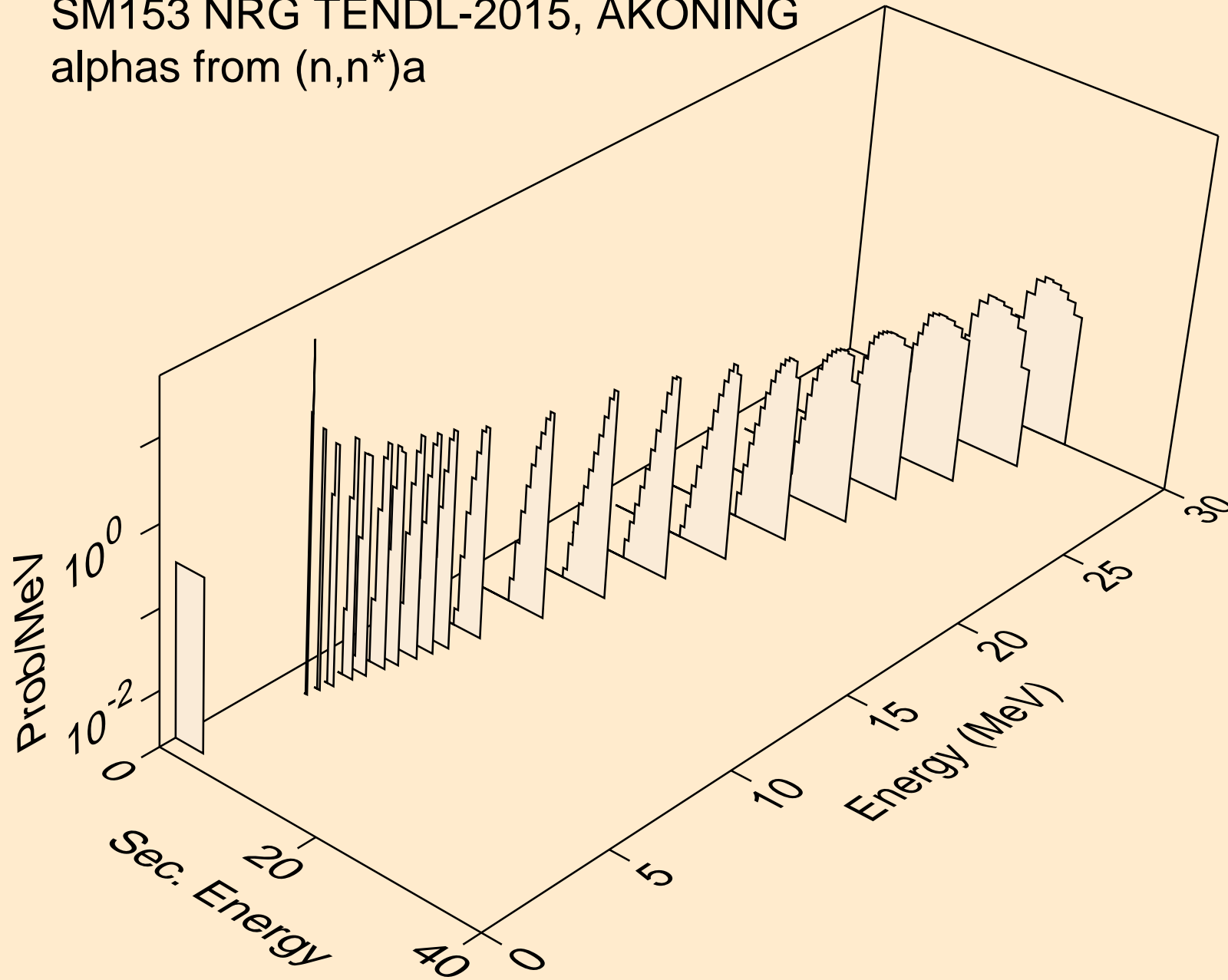
SM153 NRG TENDL-2015, AKONING  
he3s from (n,he3)



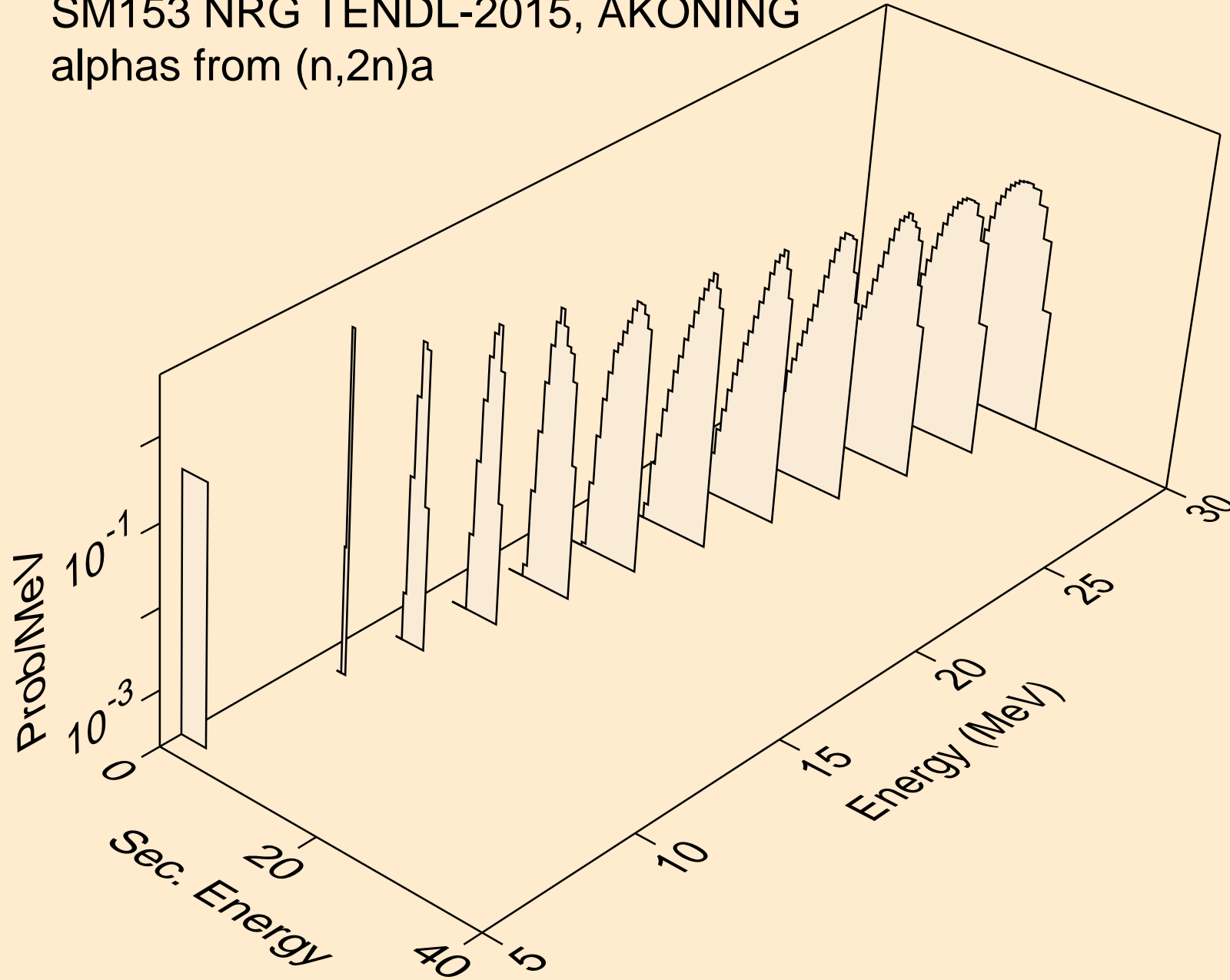
SM153 NRG TENDL-2015, AKONING  
alphas from (n,x)



SM153 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

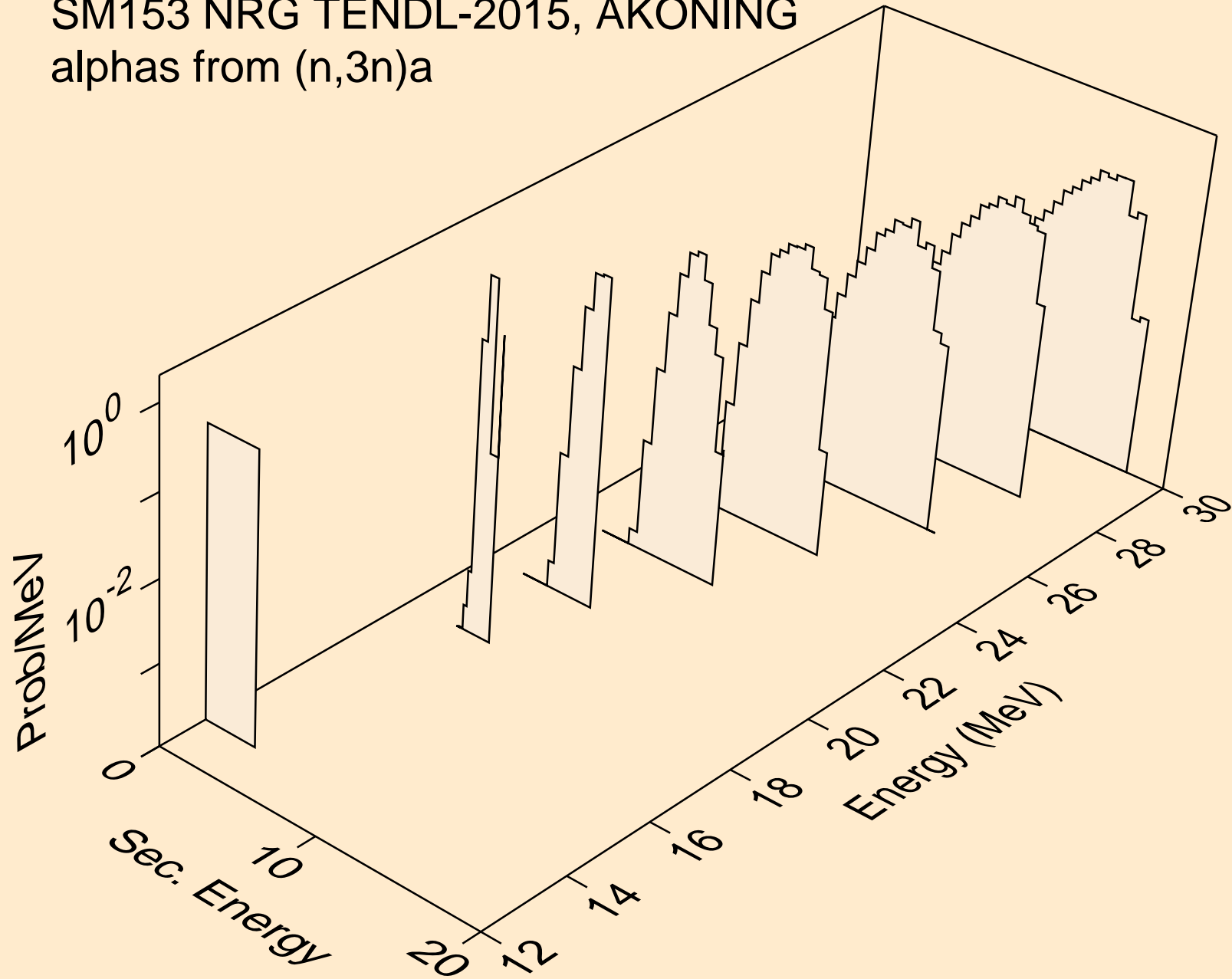


SM153 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

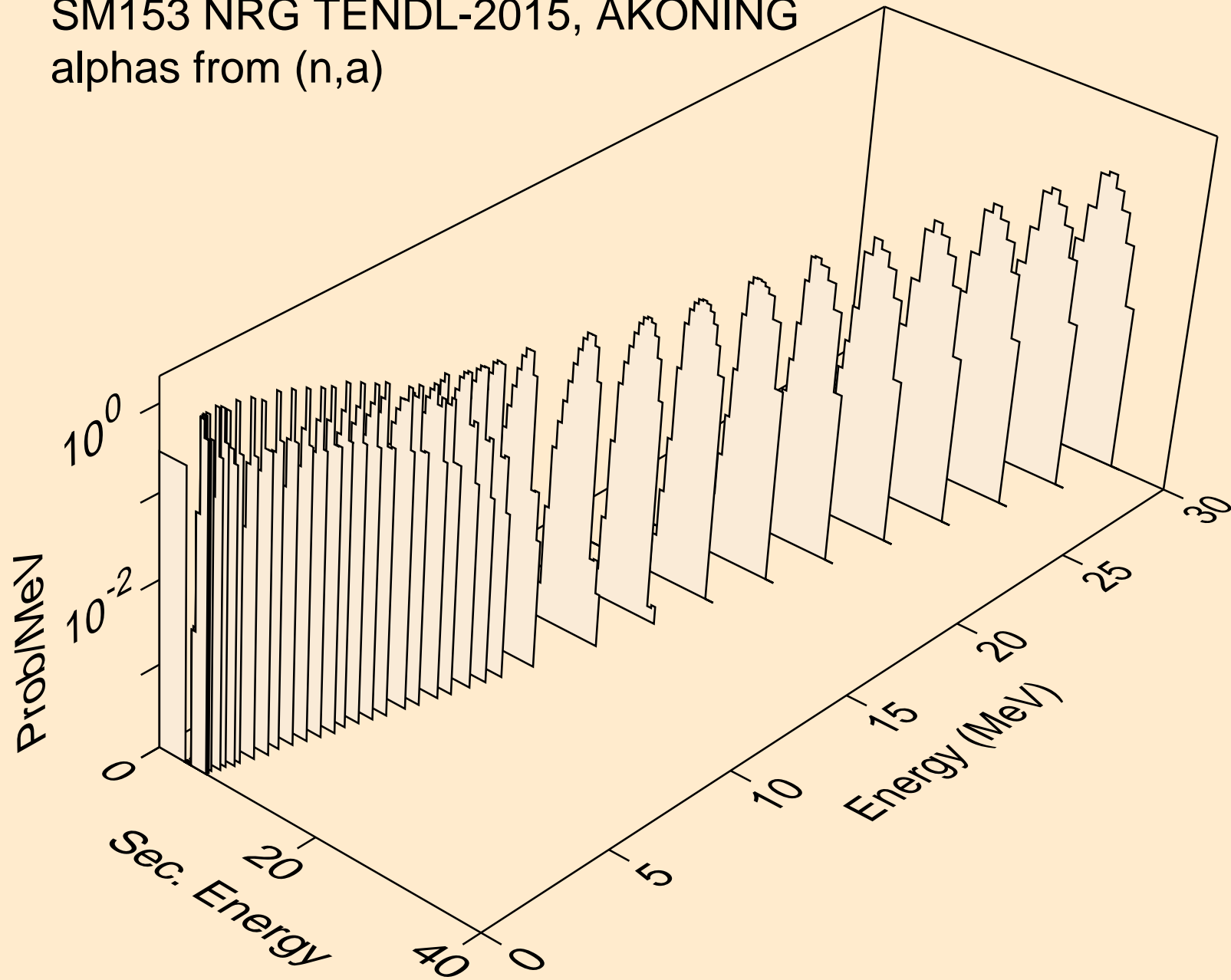




SM153 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



SM153 NRG TENDL-2015, AKONING  
alphas from (n,a)



SM153 NRG TENDL-2015, AKONING  
alphas from (n,pa)

