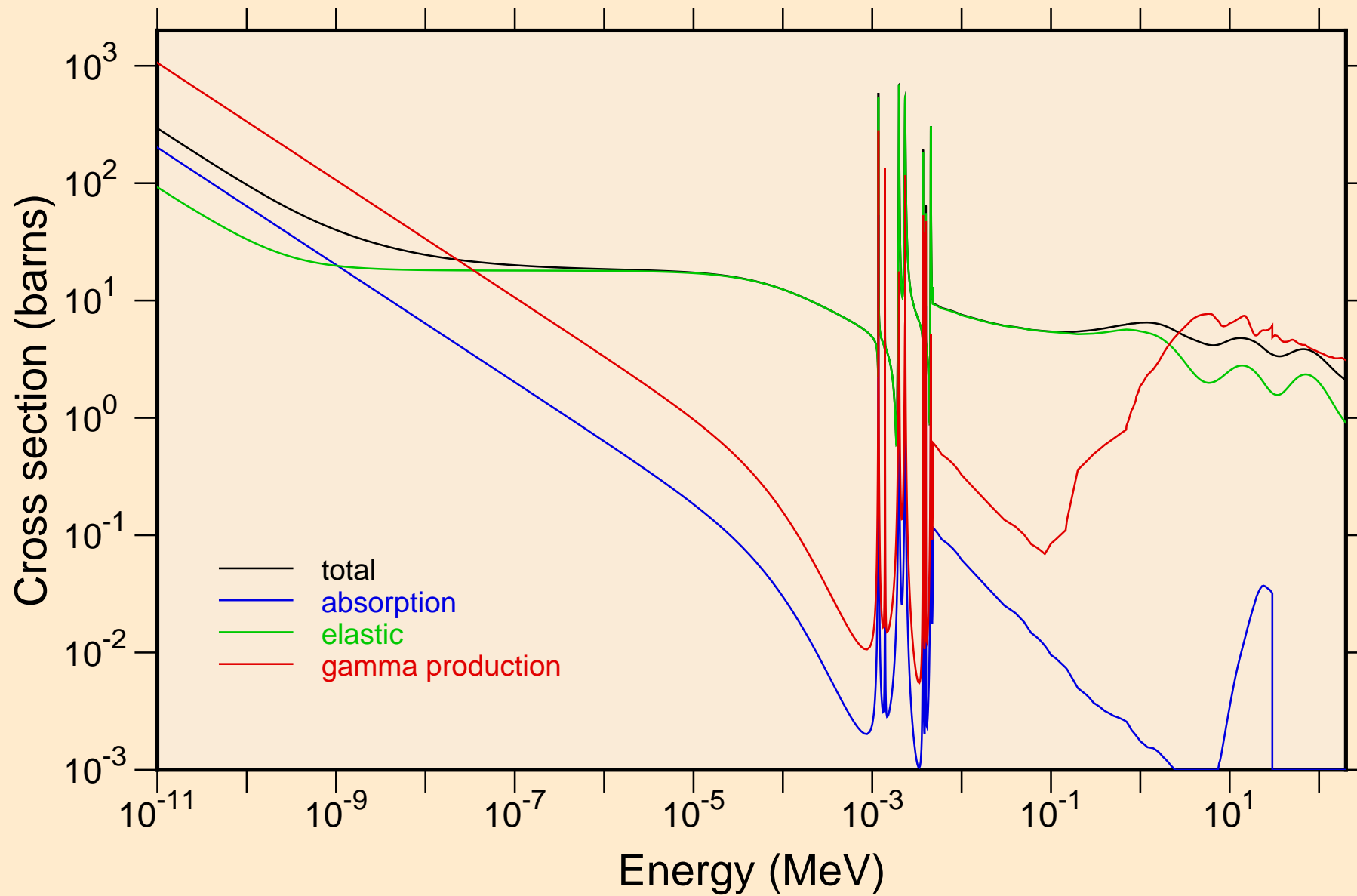
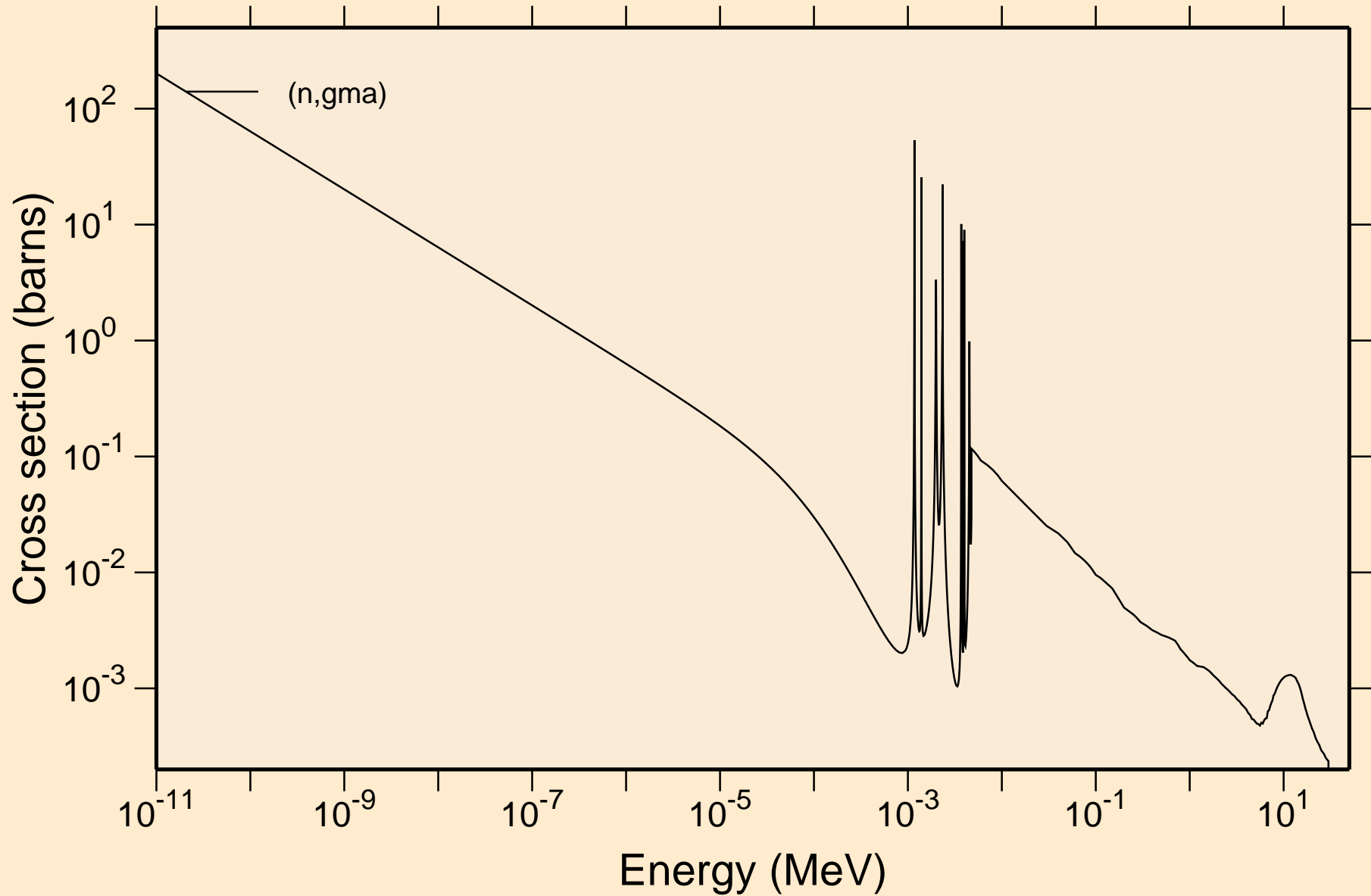


# SB130 NRG TENDL-2015, AKONING

## Principal cross sections

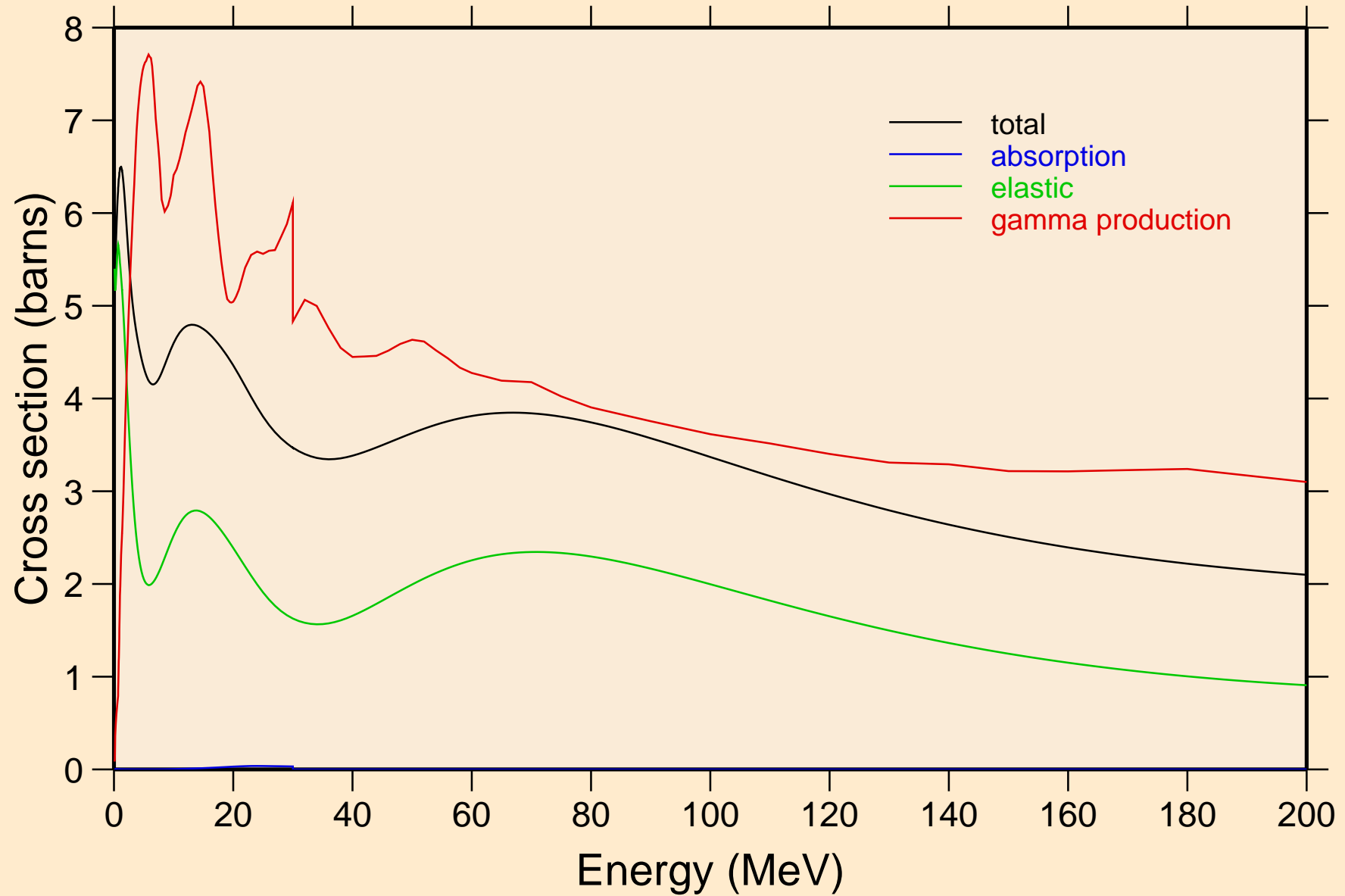


SB130 NRG TENDL-2015, AKONING  
Non-threshold reactions

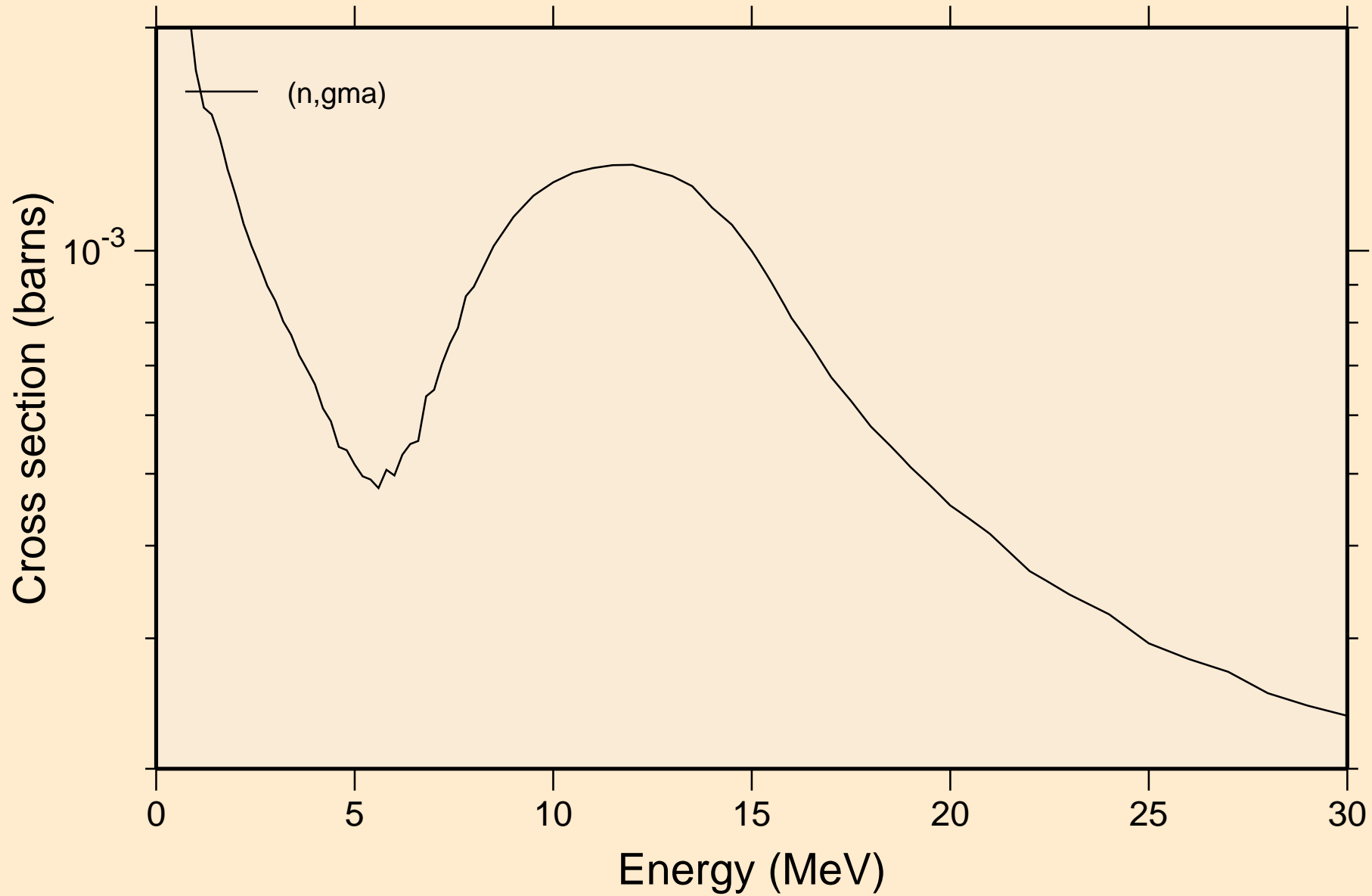


# SB130 NRG TENDL-2015, AKONING

## Principal cross sections

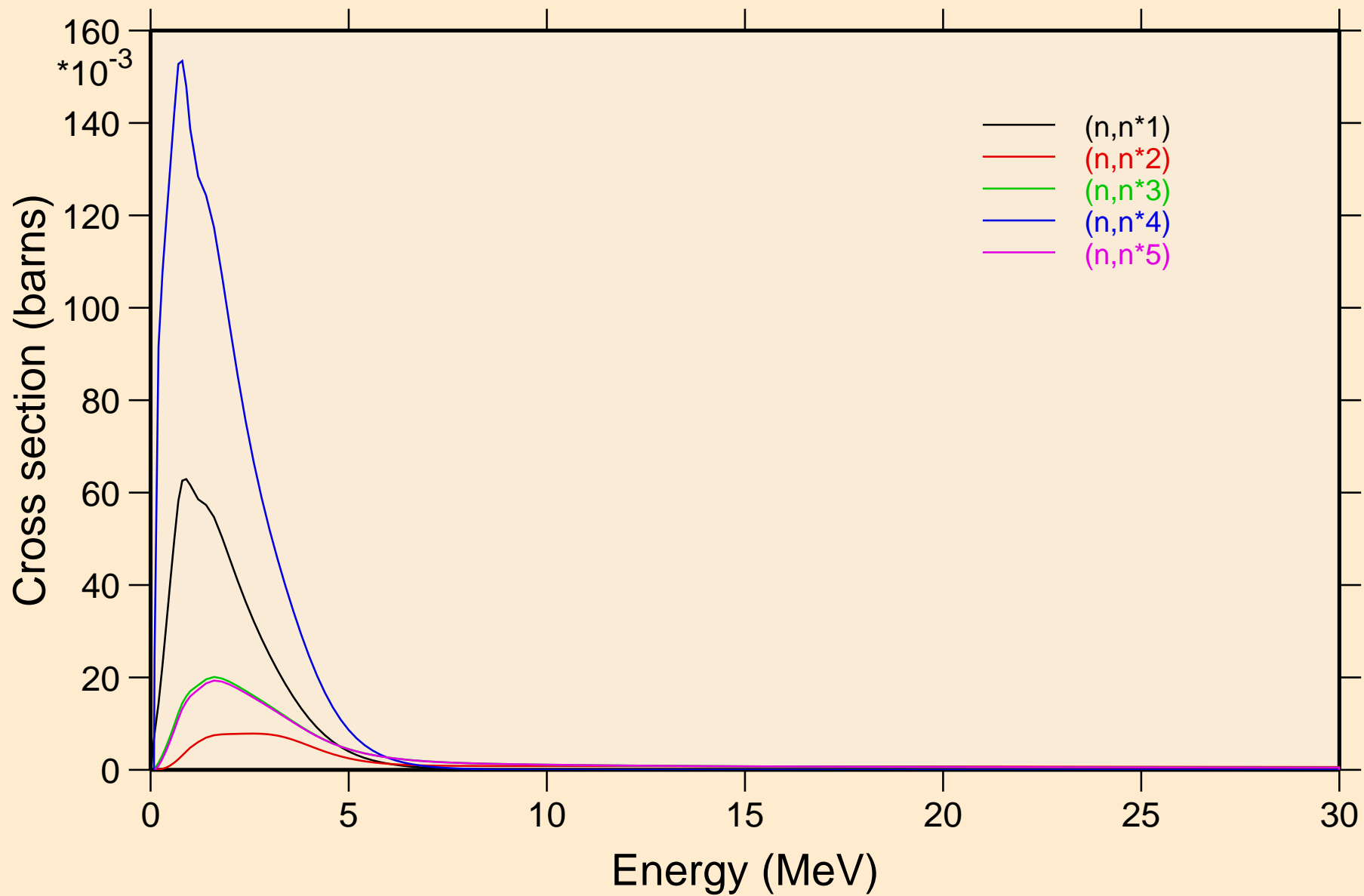


SB130 NRG TENDL-2015, AKONING  
Non-threshold reactions



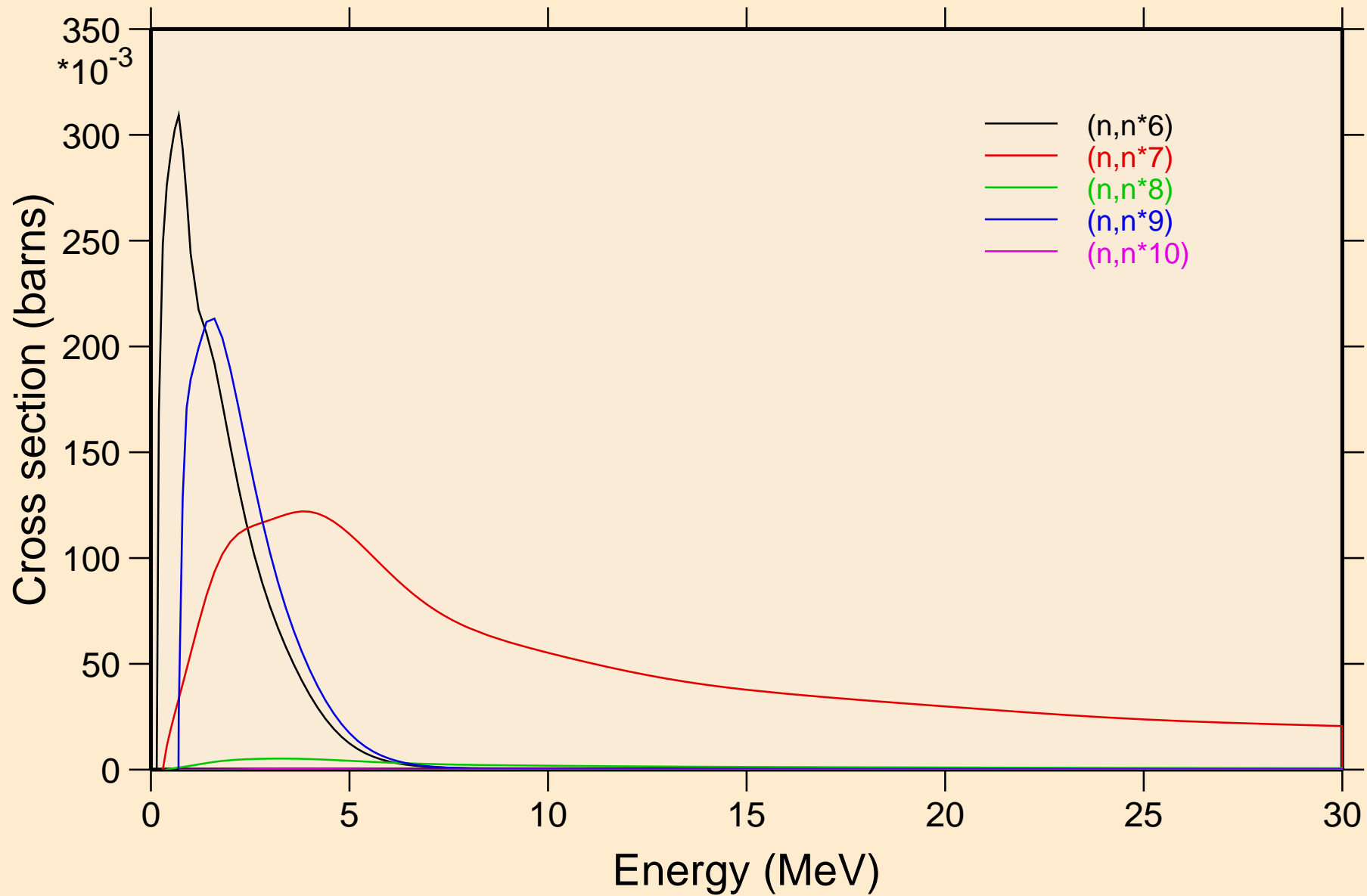
# SB130 NRG TENDL-2015, AKONING

## Inelastic levels



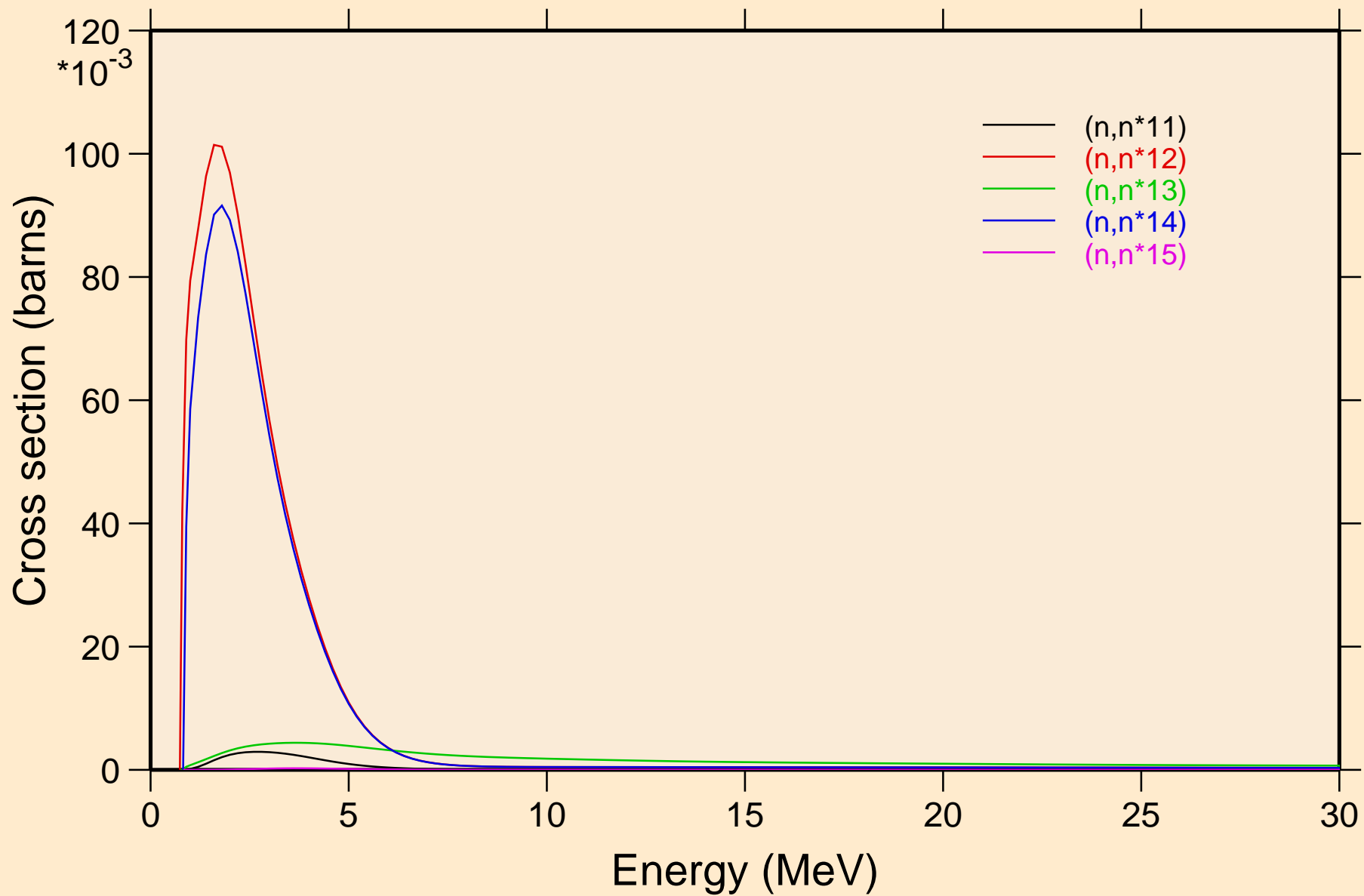
# SB130 NRG TENDL-2015, AKONING

## Inelastic levels



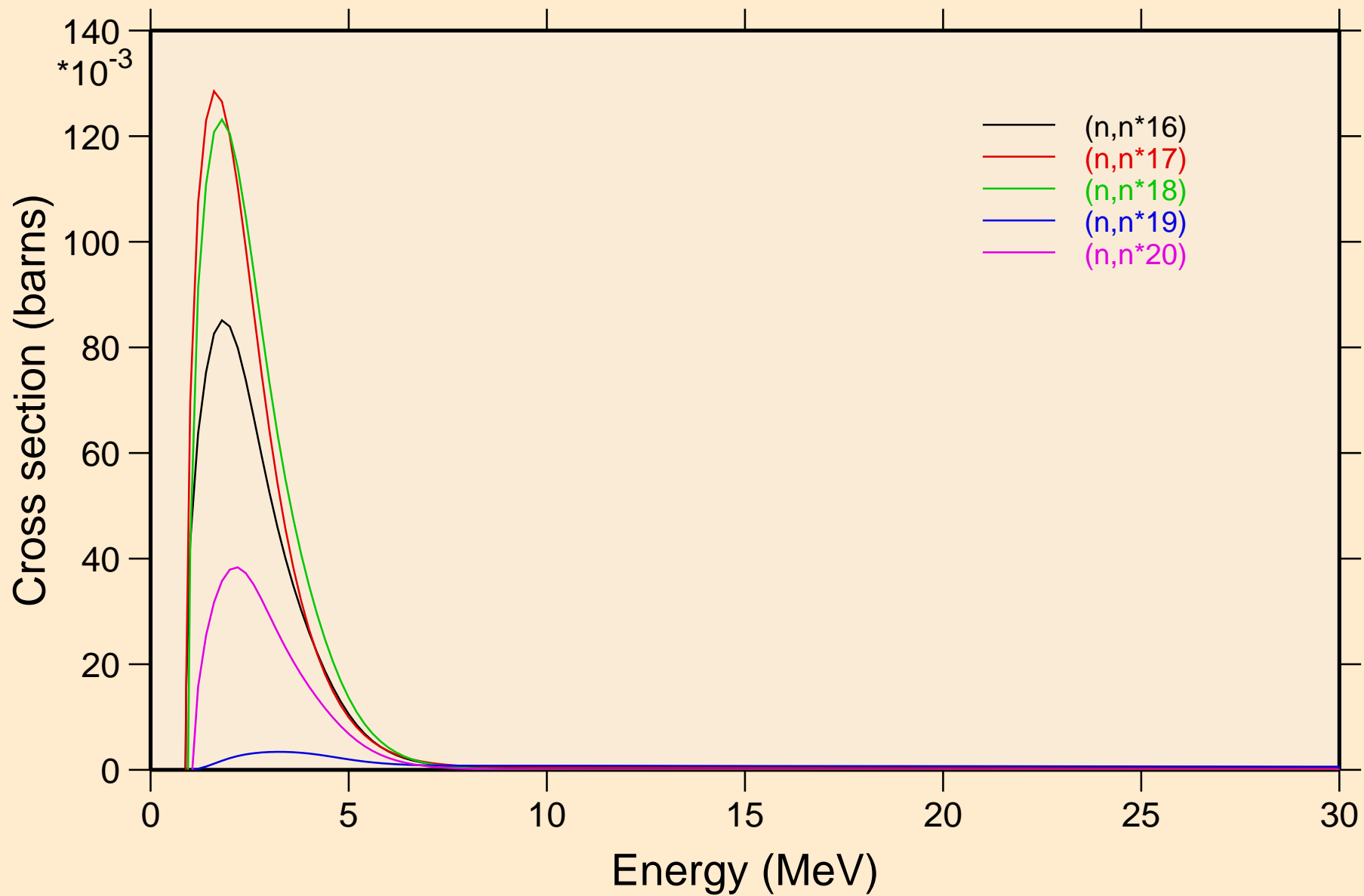
# SB130 NRG TENDL-2015, AKONING

## Inelastic levels



# SB130 NRG TENDL-2015, AKONING

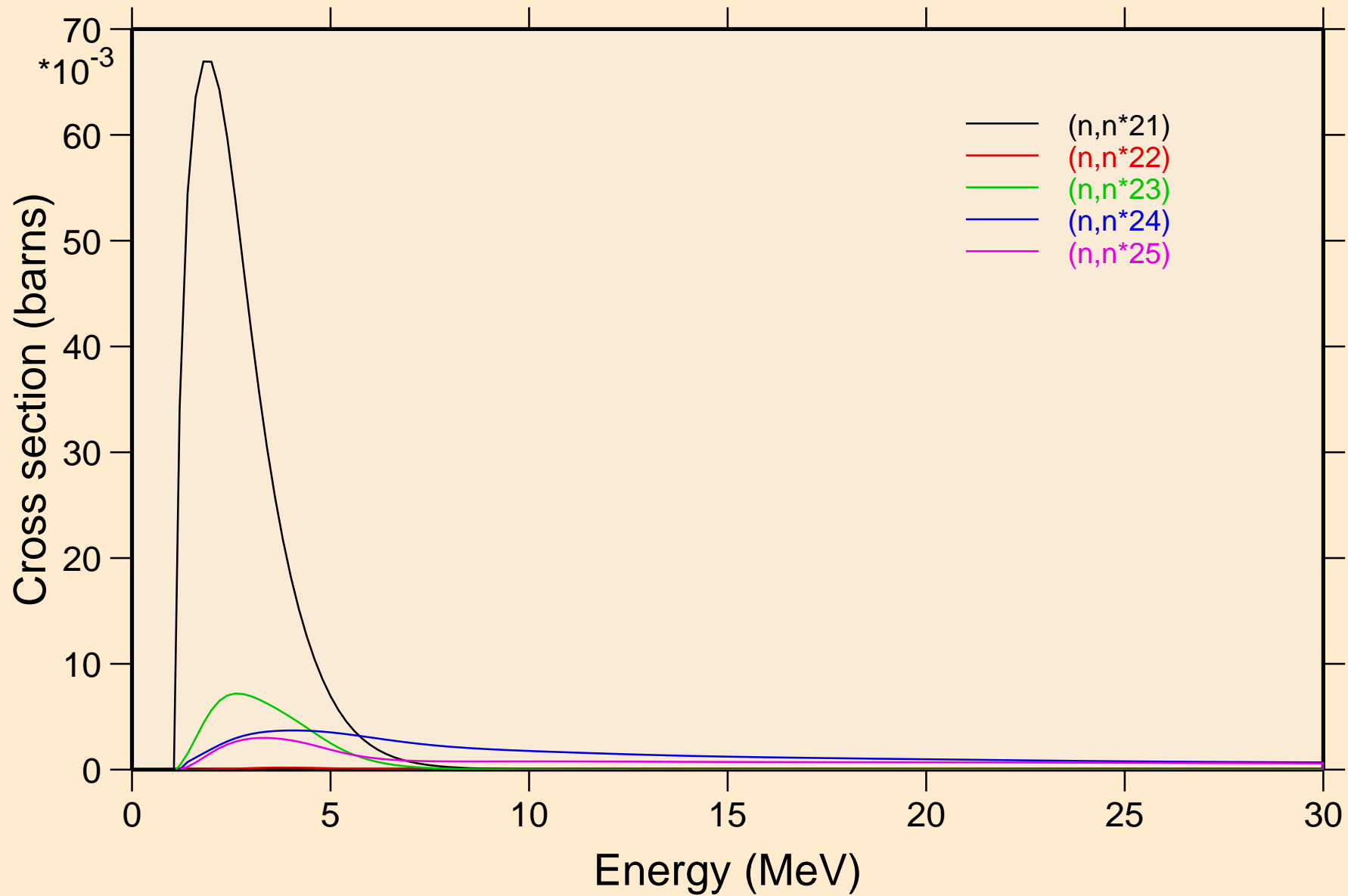
## Inelastic levels



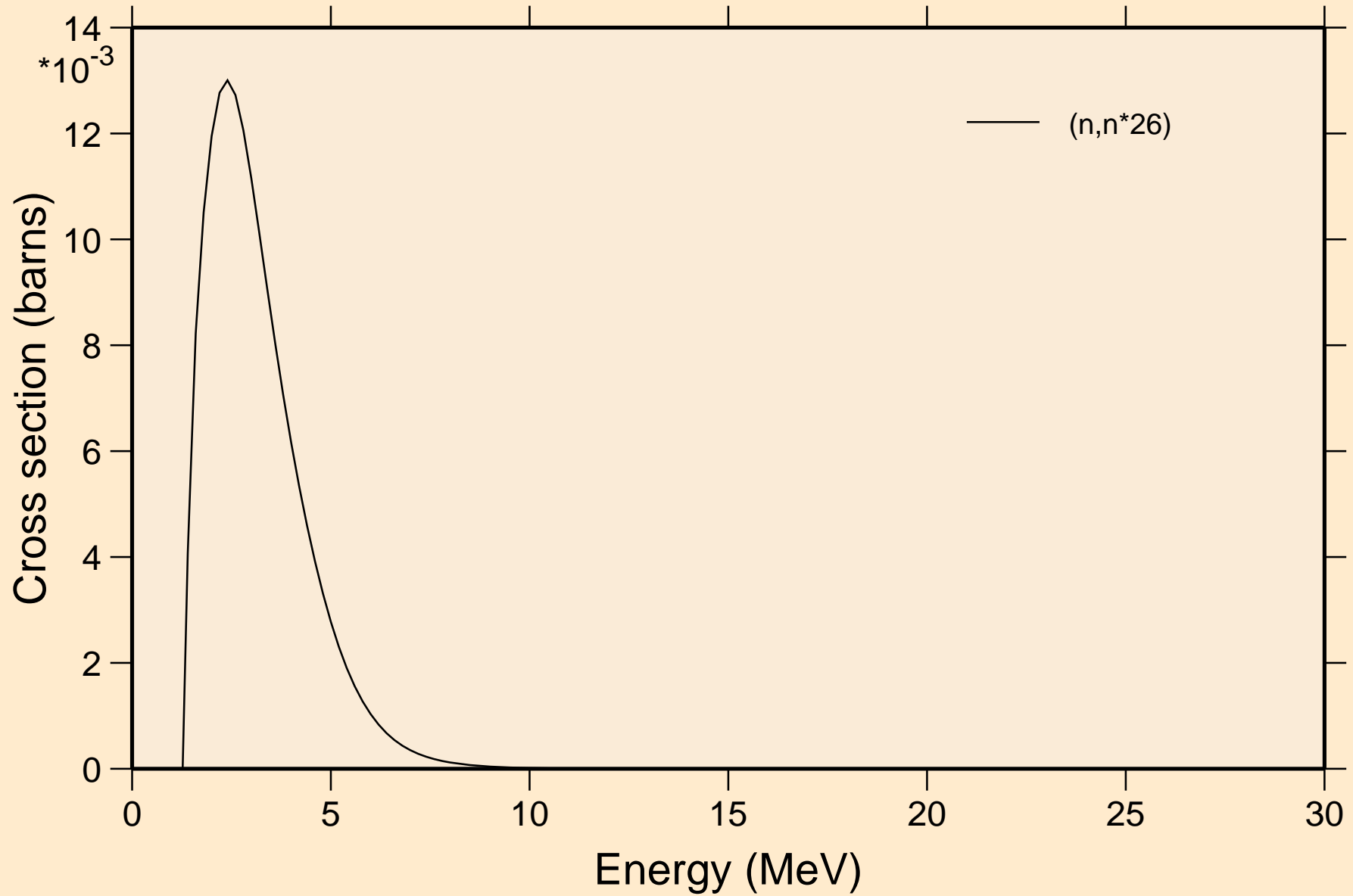


# SB130 NRG TENDL-2015, AKONING

## Inelastic levels

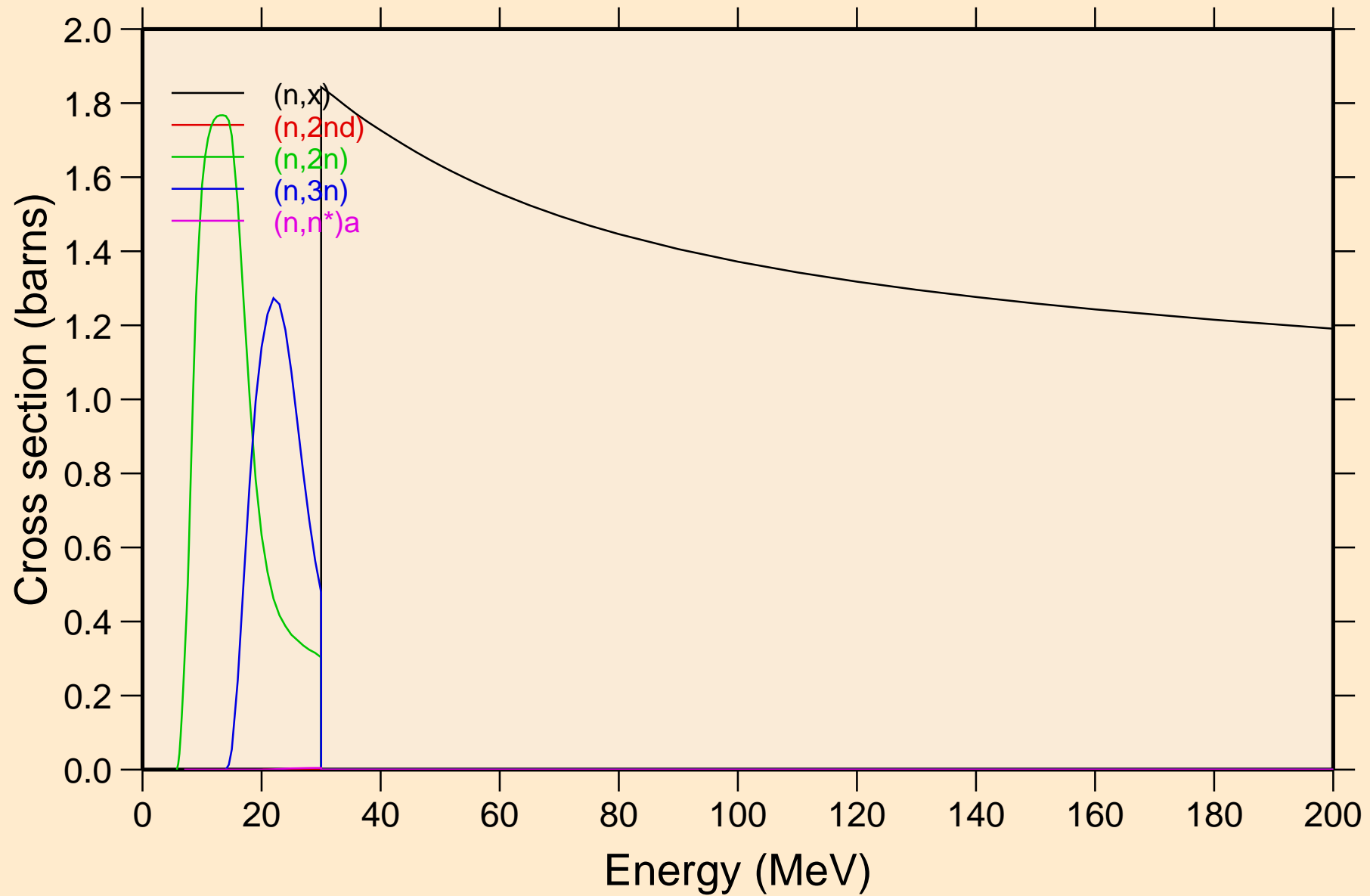


SB130 NRG TENDL-2015, AKONING  
Inelastic levels



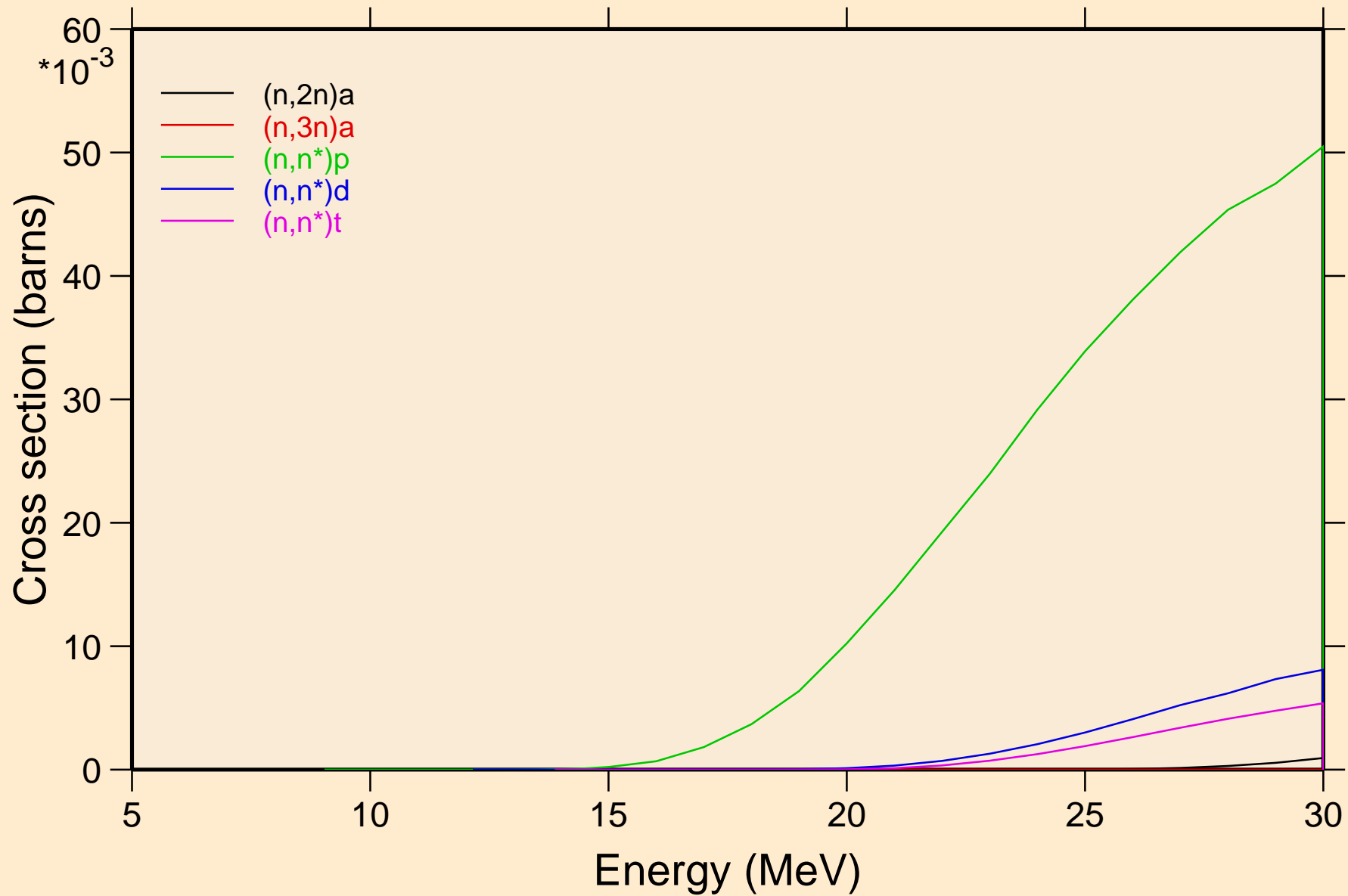
# SB130 NRG TENDL-2015, AKONING

## Threshold reactions



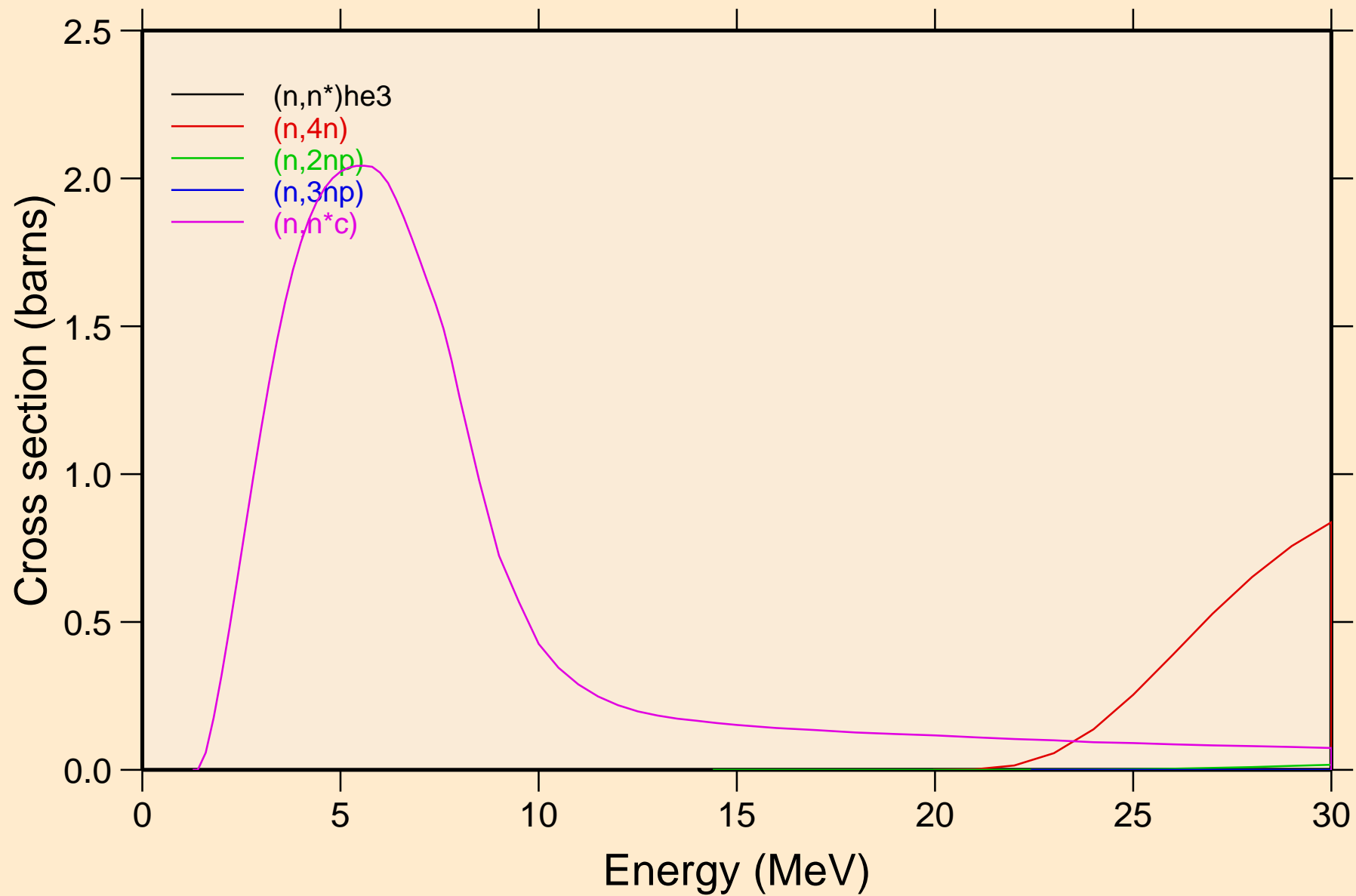
# SB130 NRG TENDL-2015, AKONING

## Threshold reactions



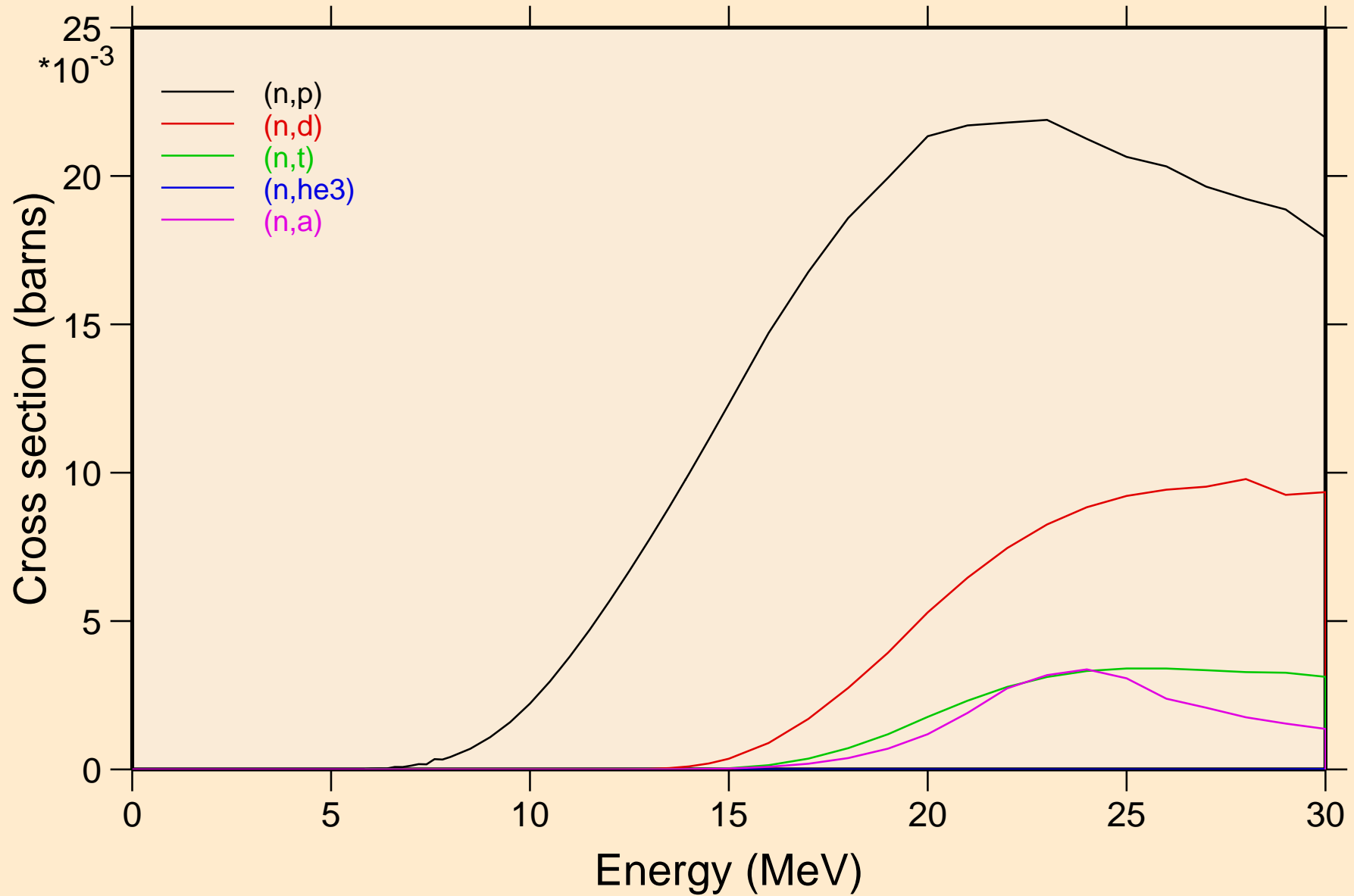
# SB130 NRG TENDL-2015, AKONING

## Threshold reactions



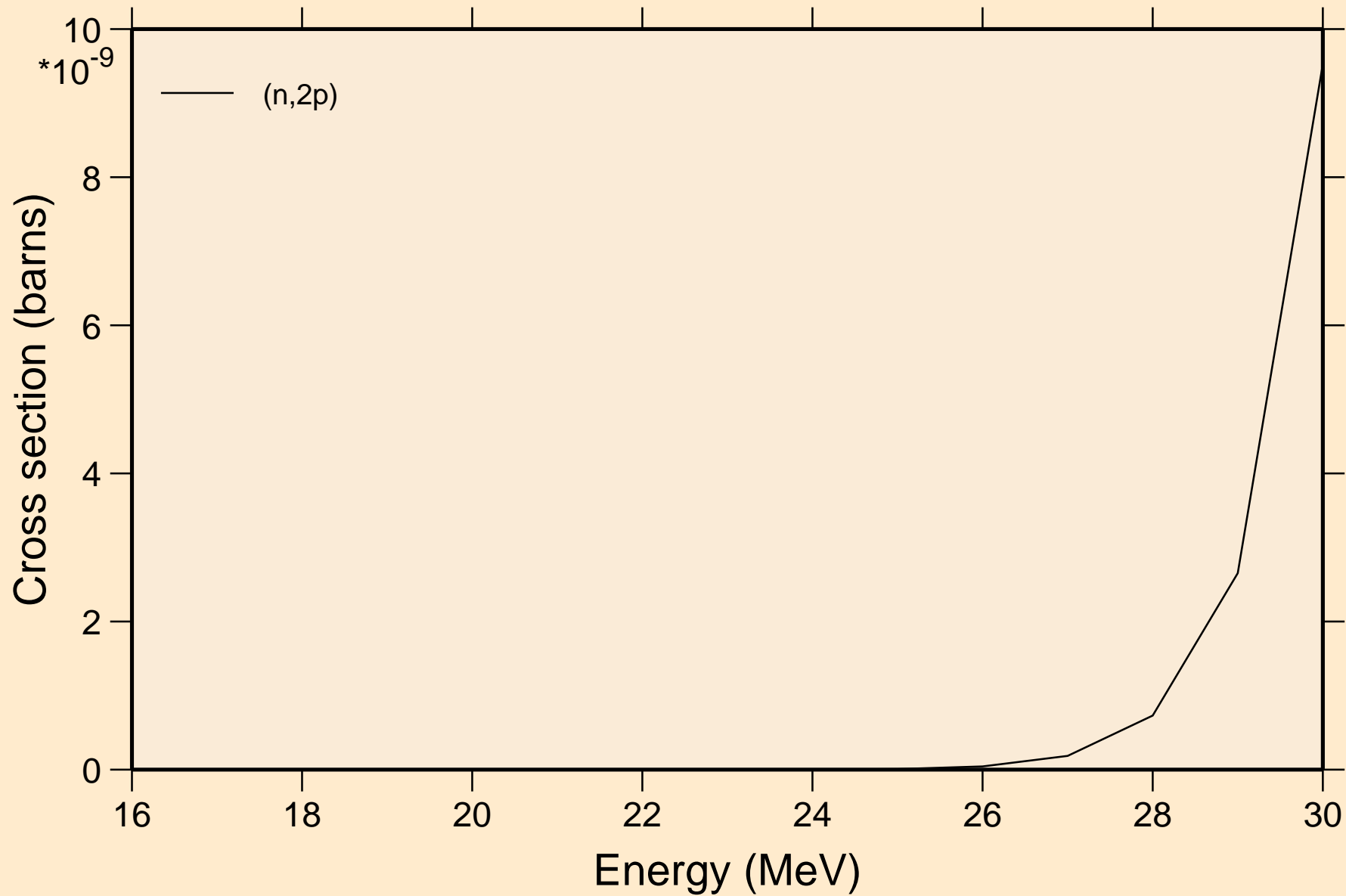
# SB130 NRG TENDL-2015, AKONING

## Threshold reactions

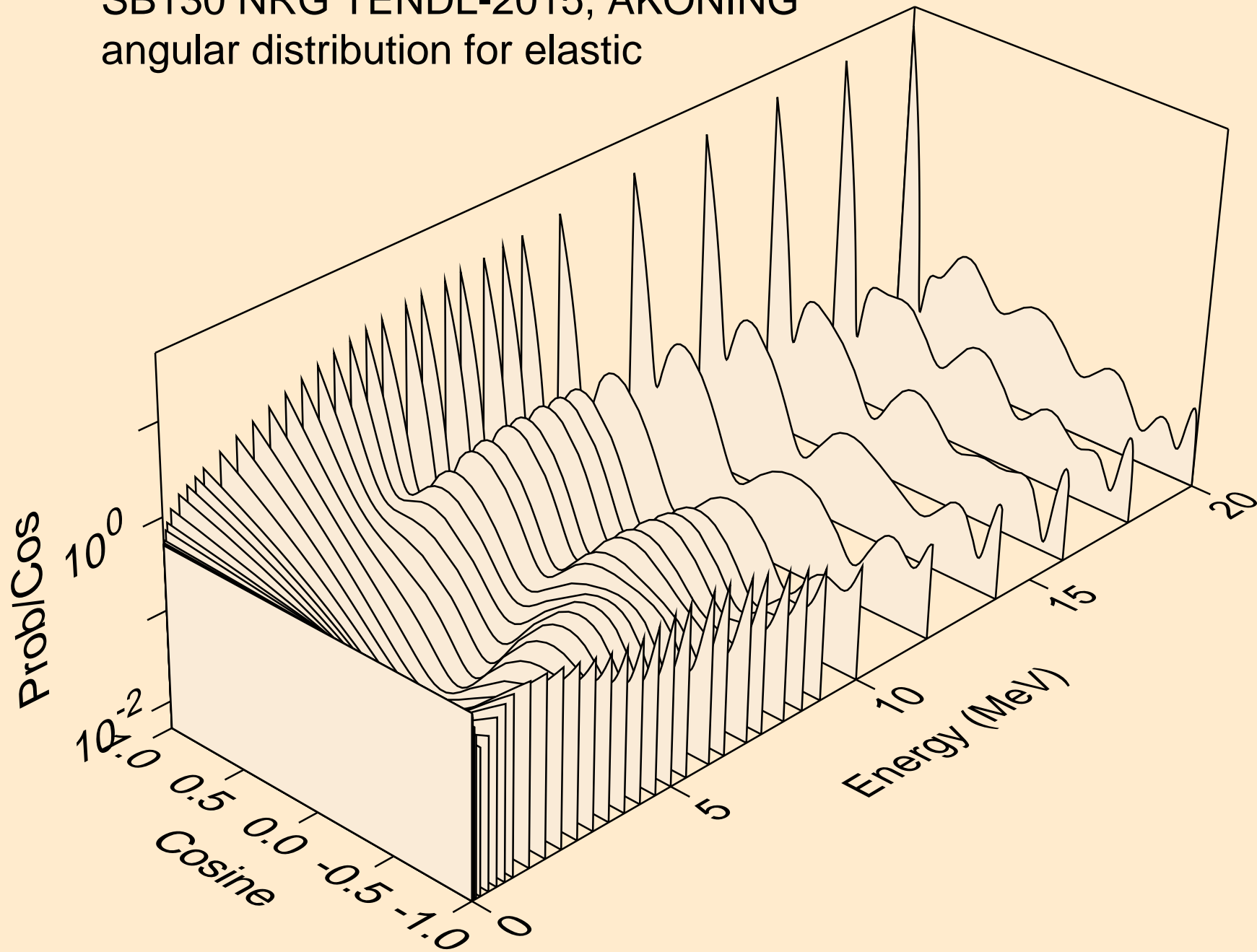


# SB130 NRG TENDL-2015, AKONING

## Threshold reactions

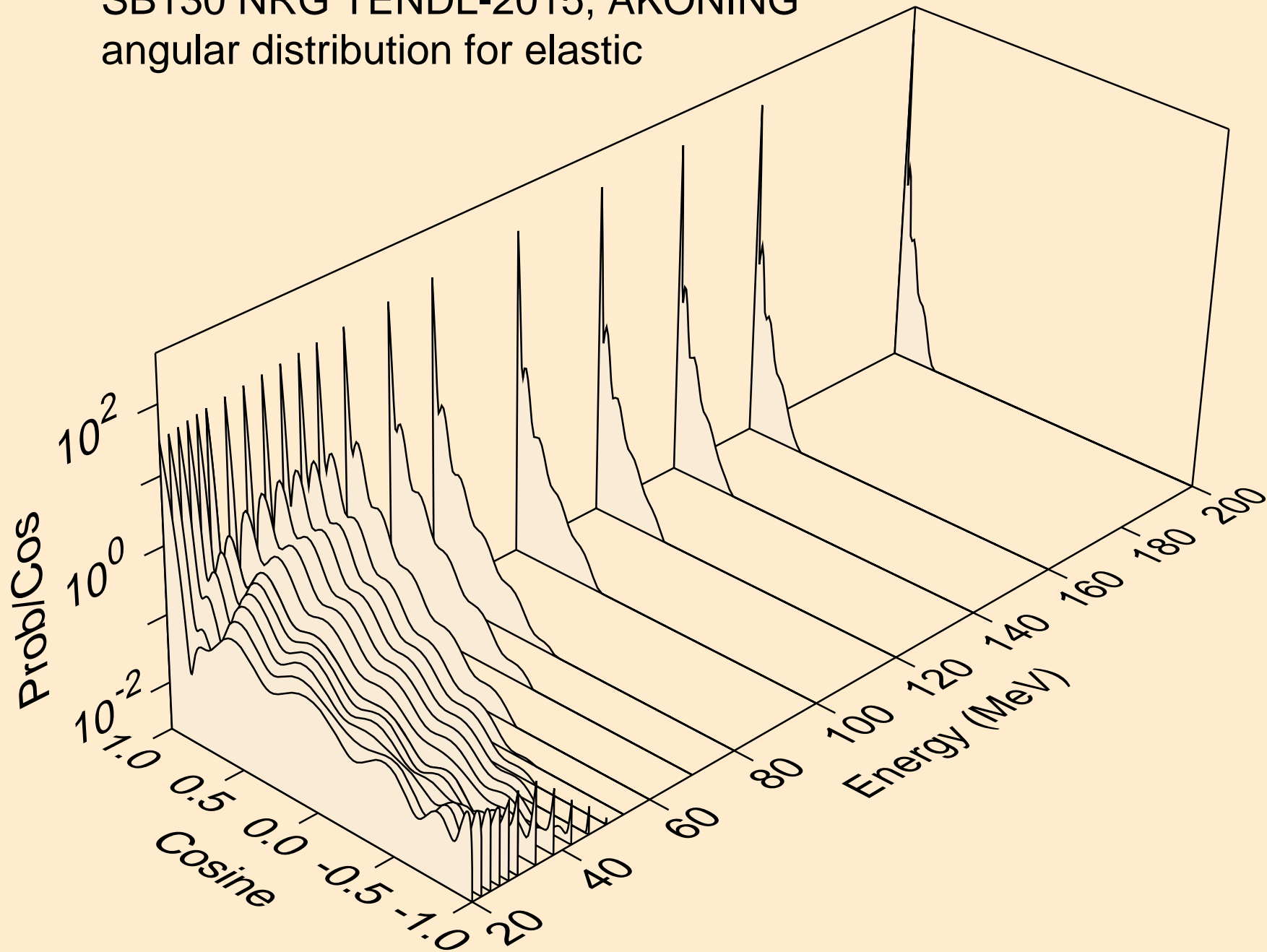


SB130 NRG TENDL-2015, AKONING  
angular distribution for elastic

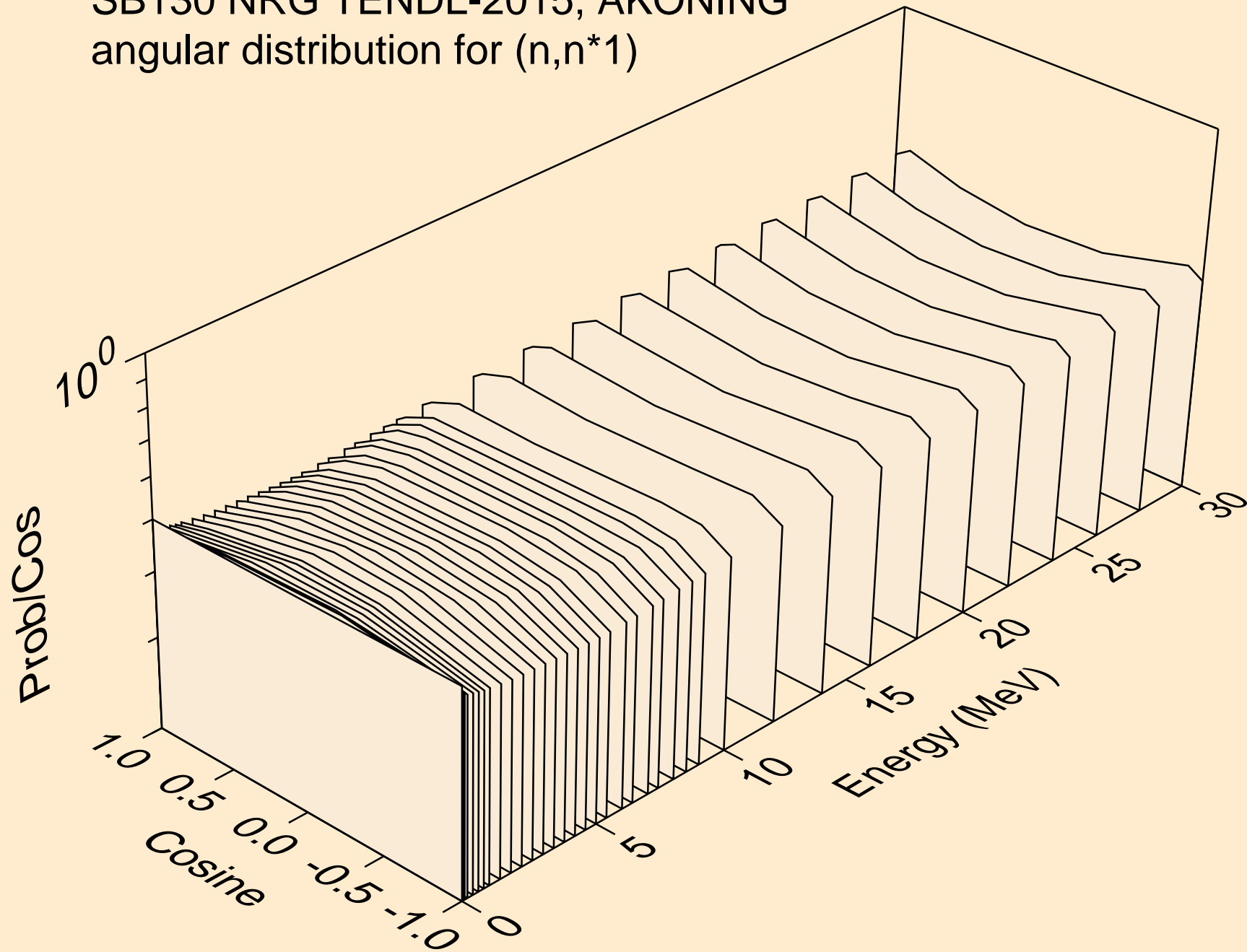




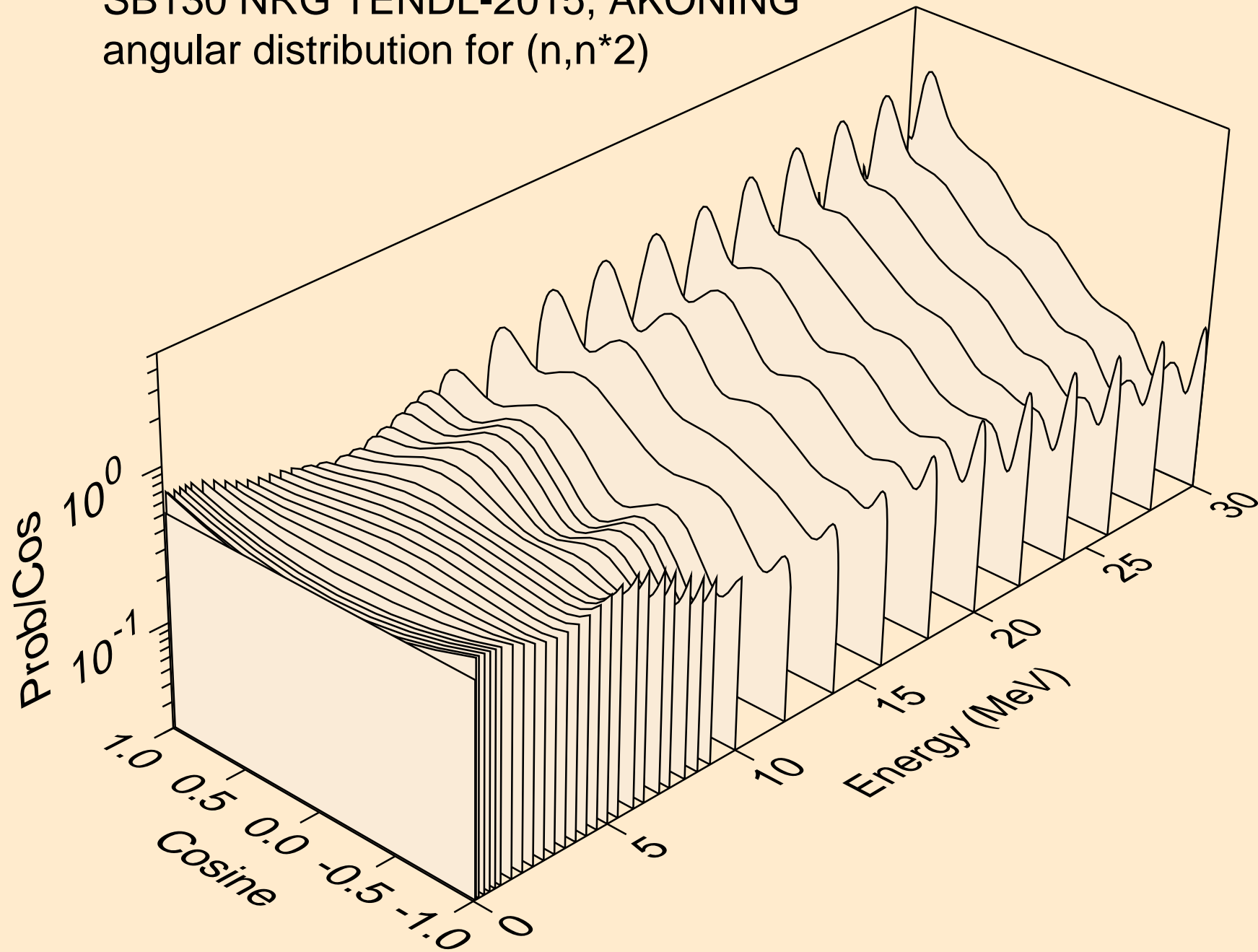
SB130 NRG TENDL-2015, AKONING  
angular distribution for elastic



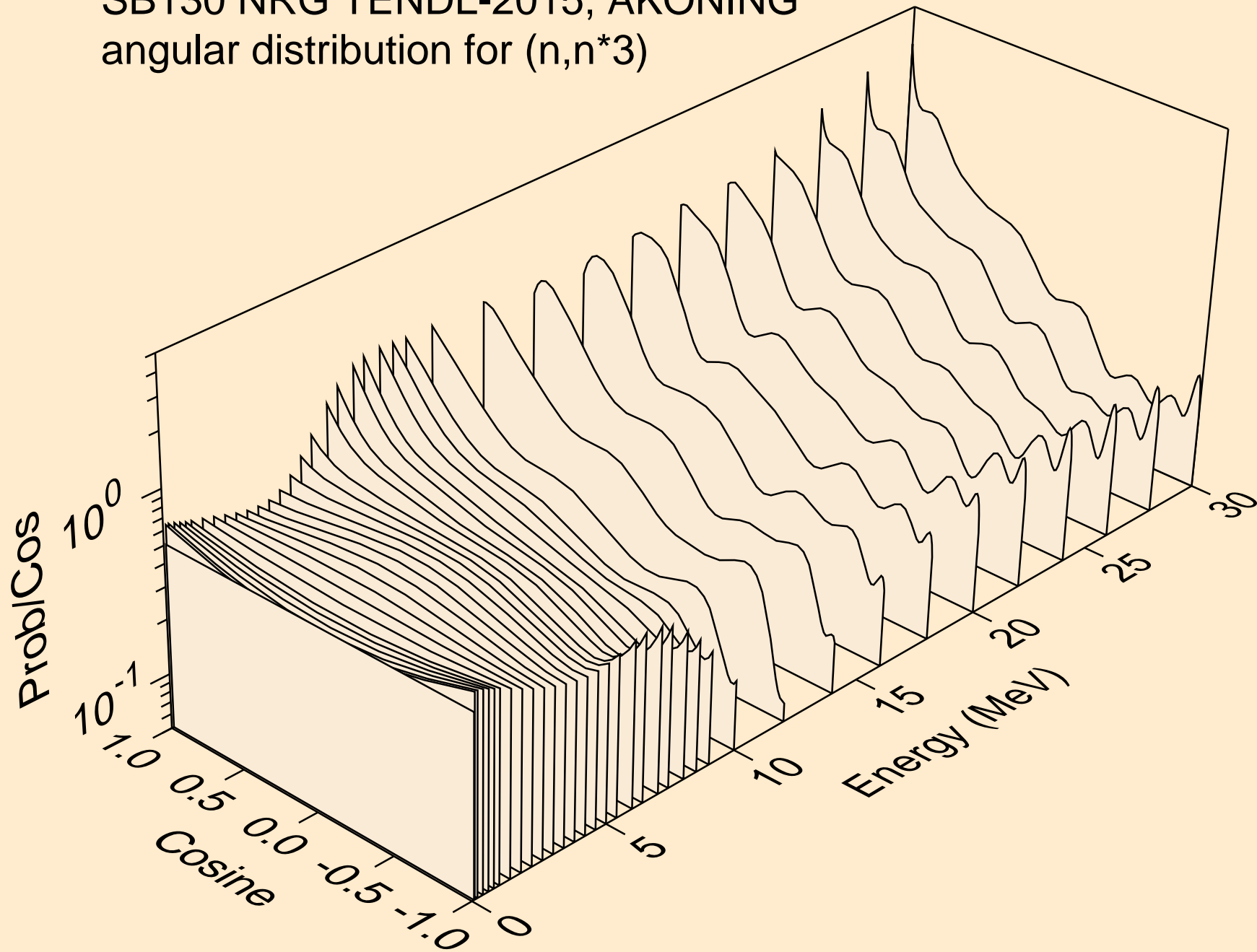
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



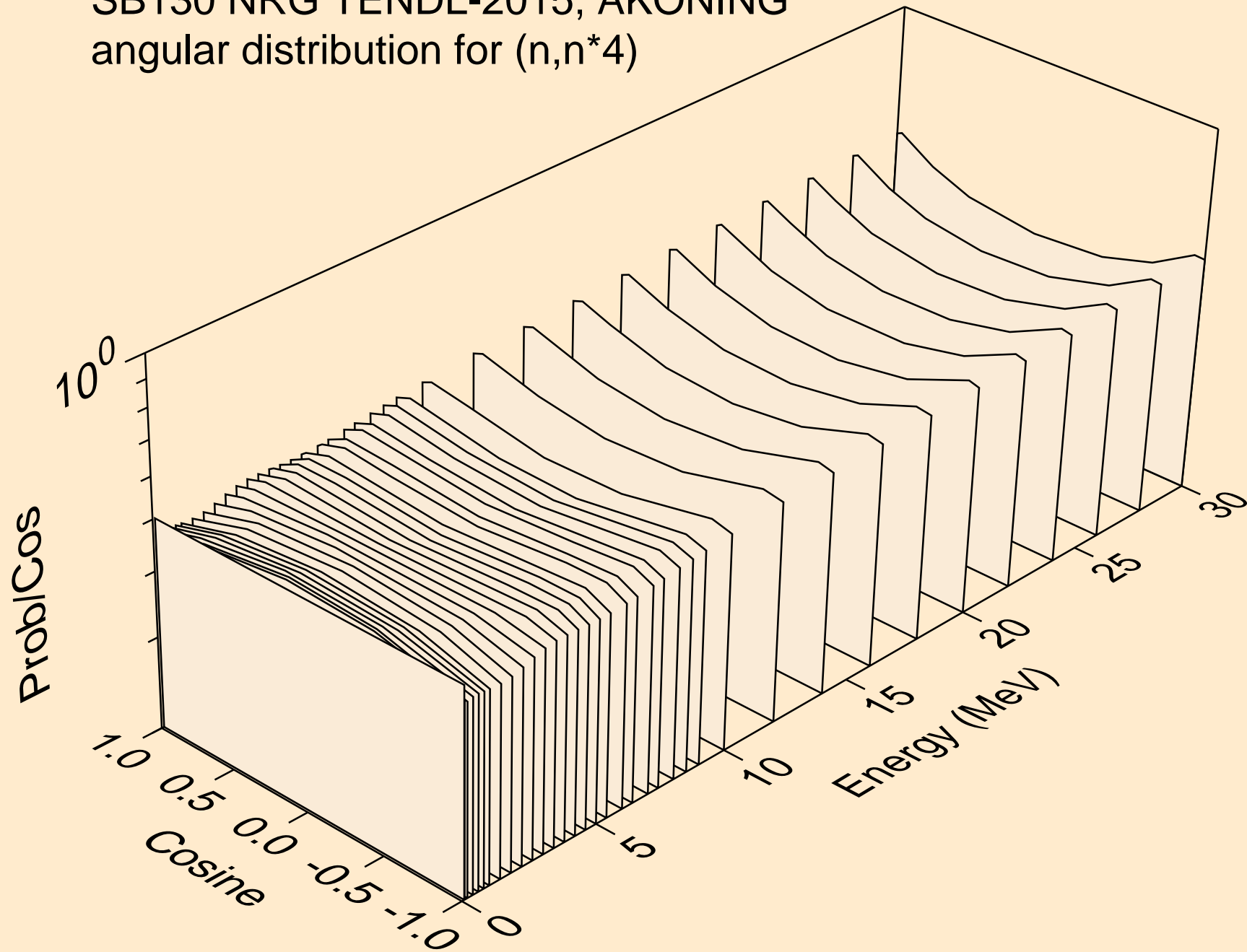
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



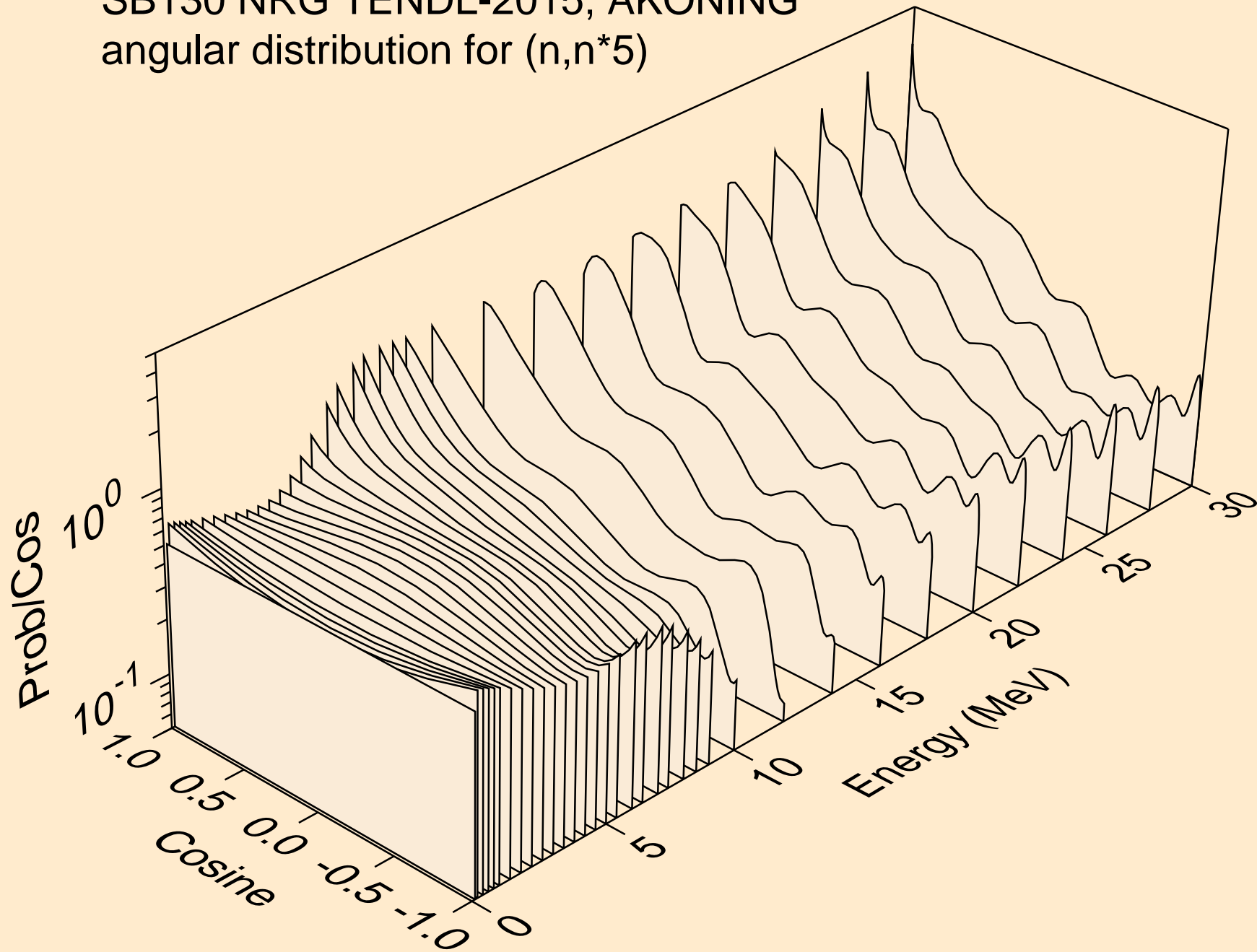
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



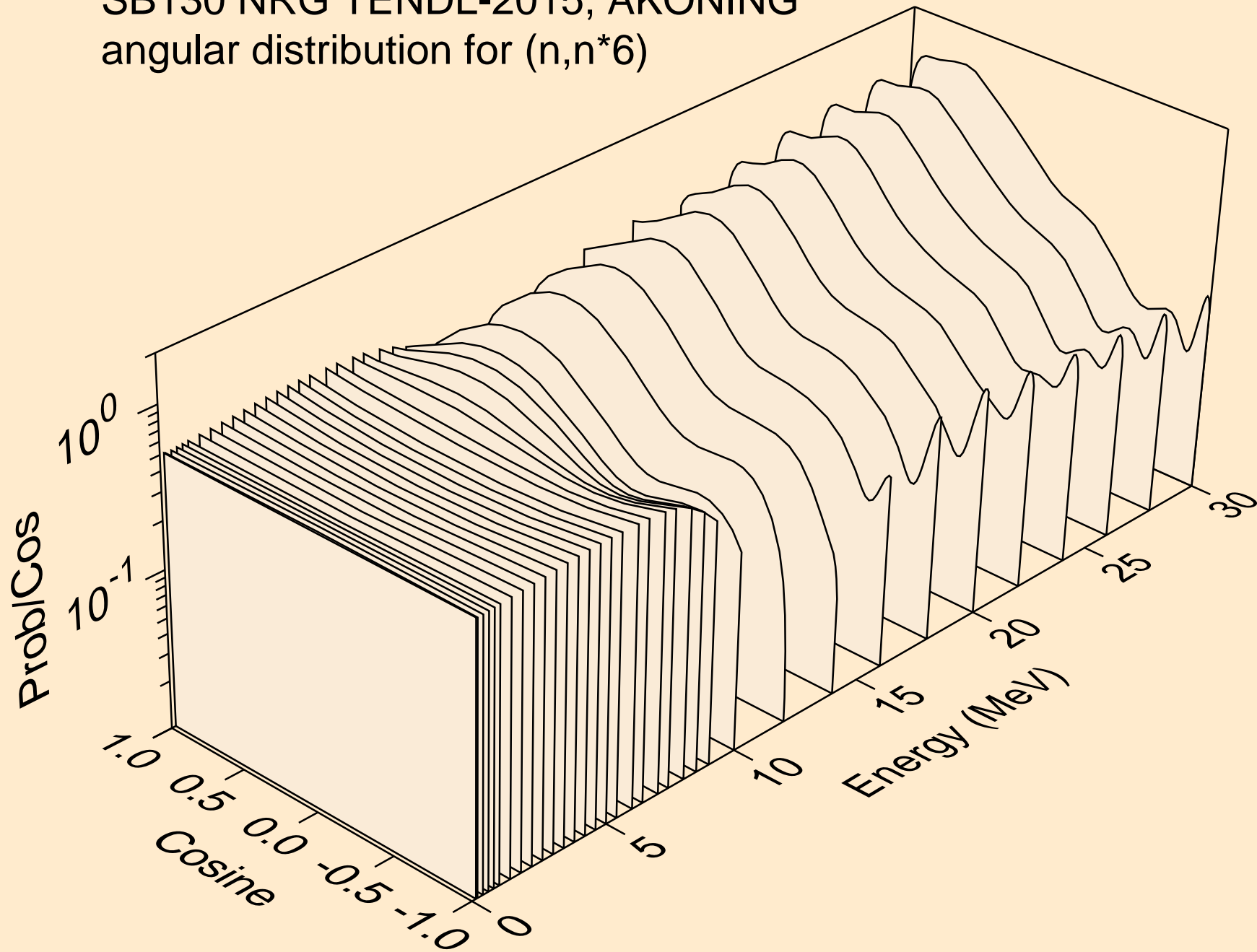
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



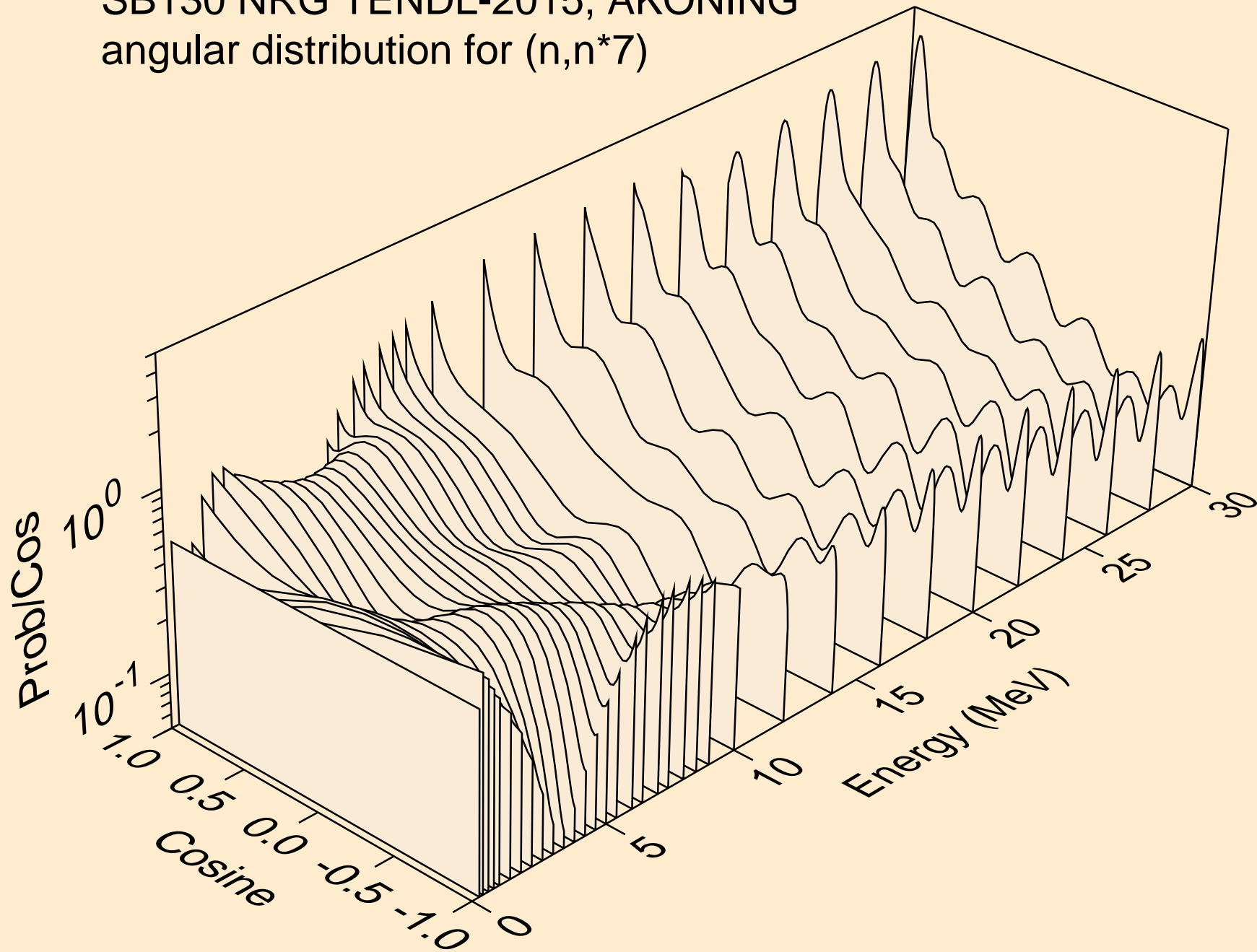
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

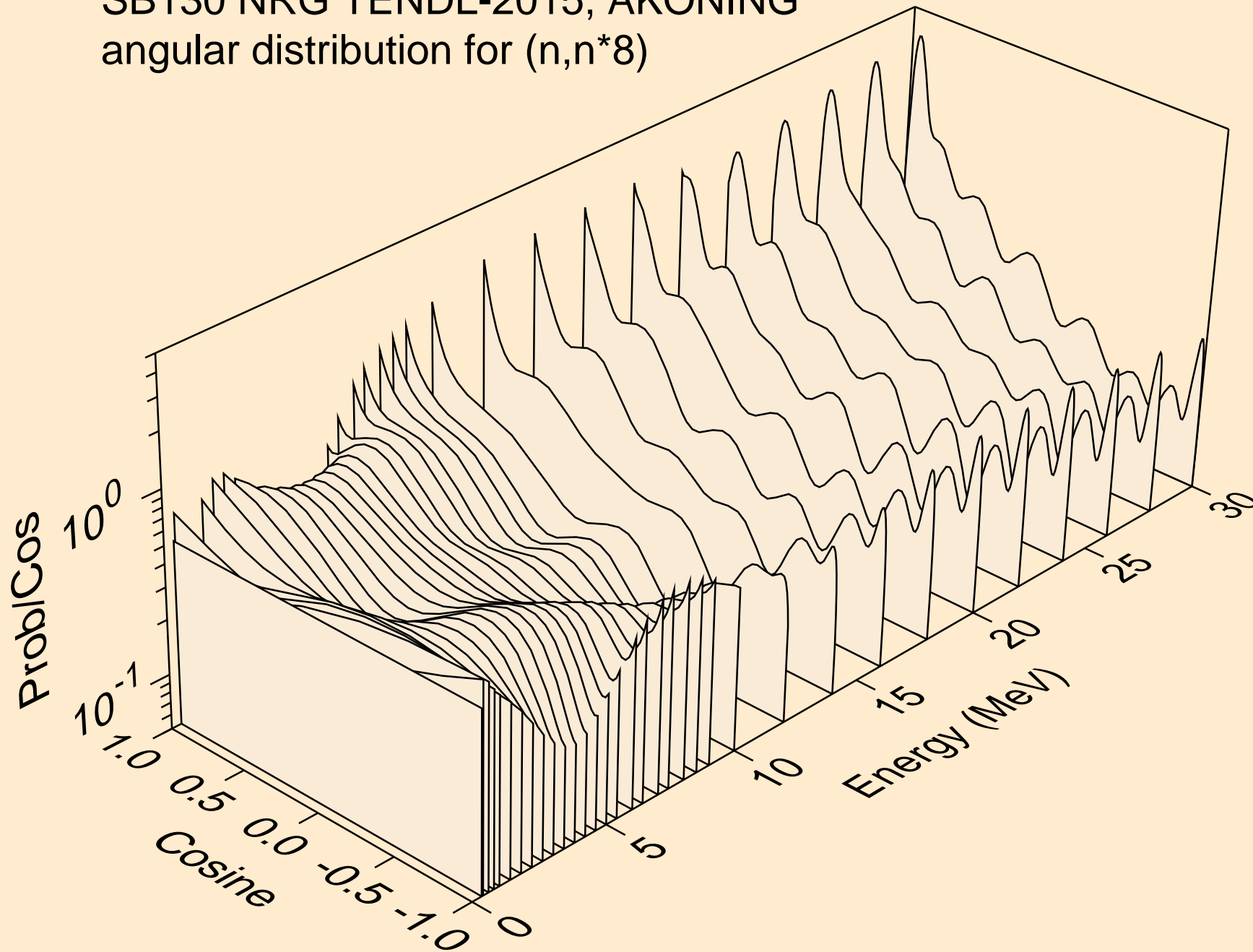


SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

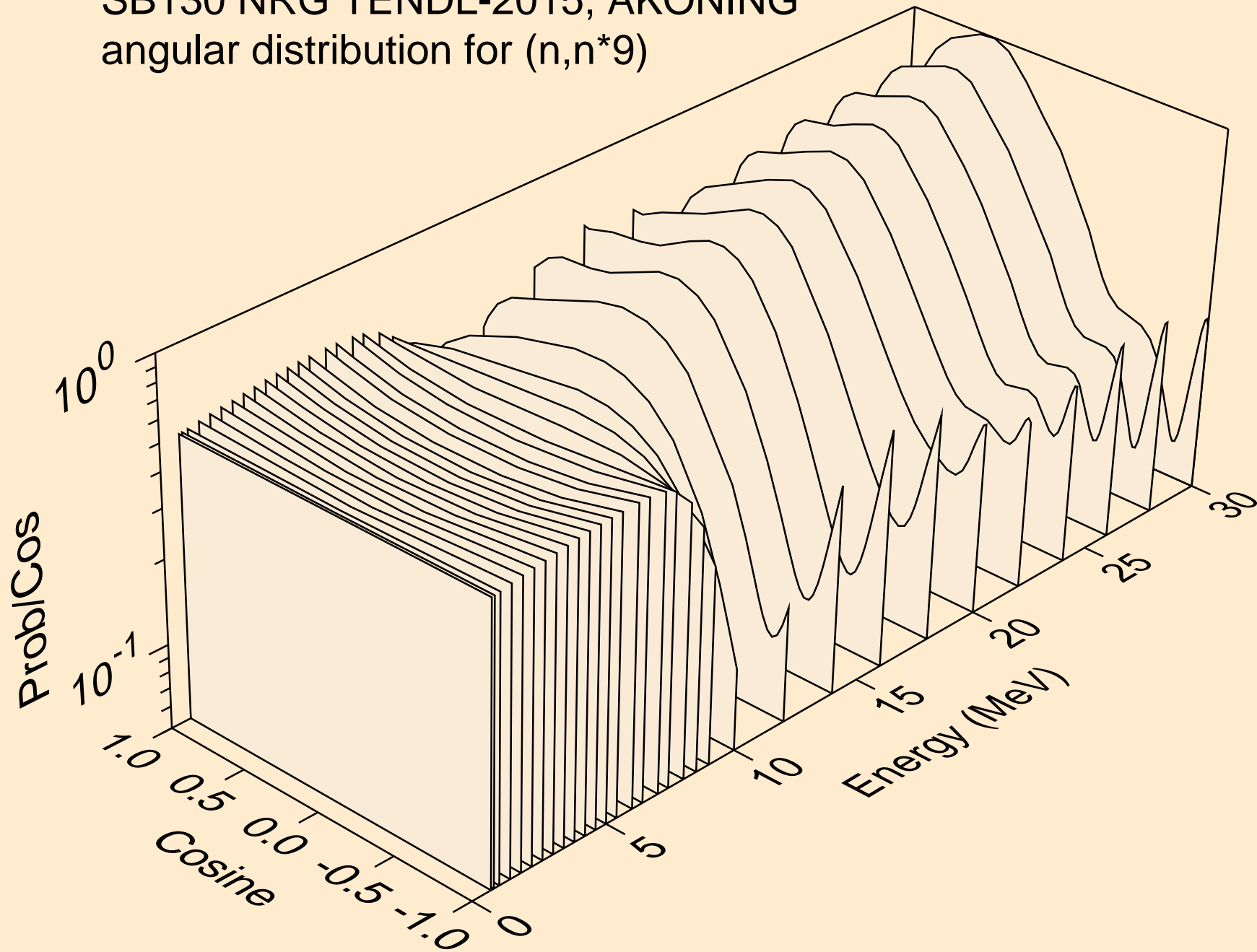




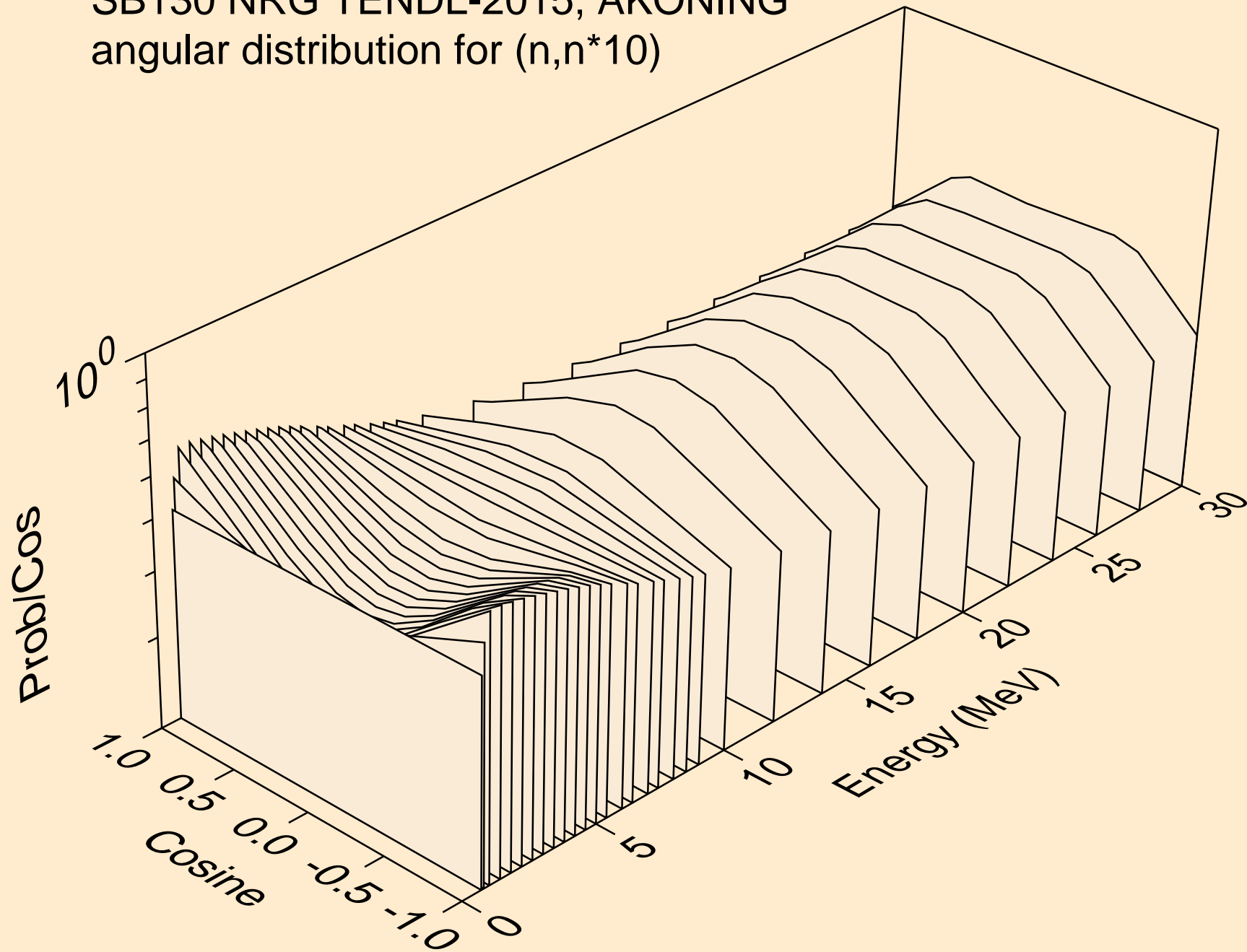
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



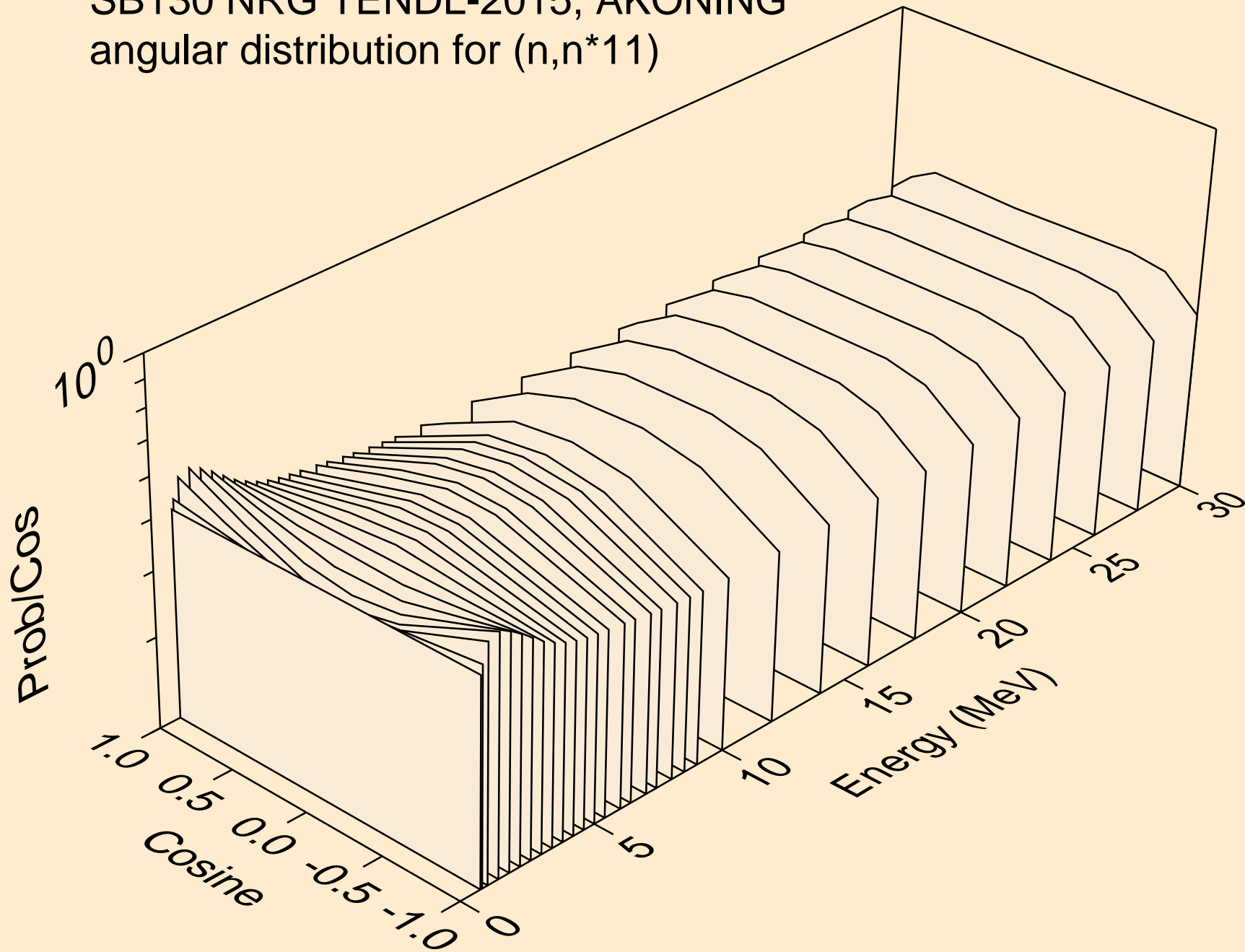
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



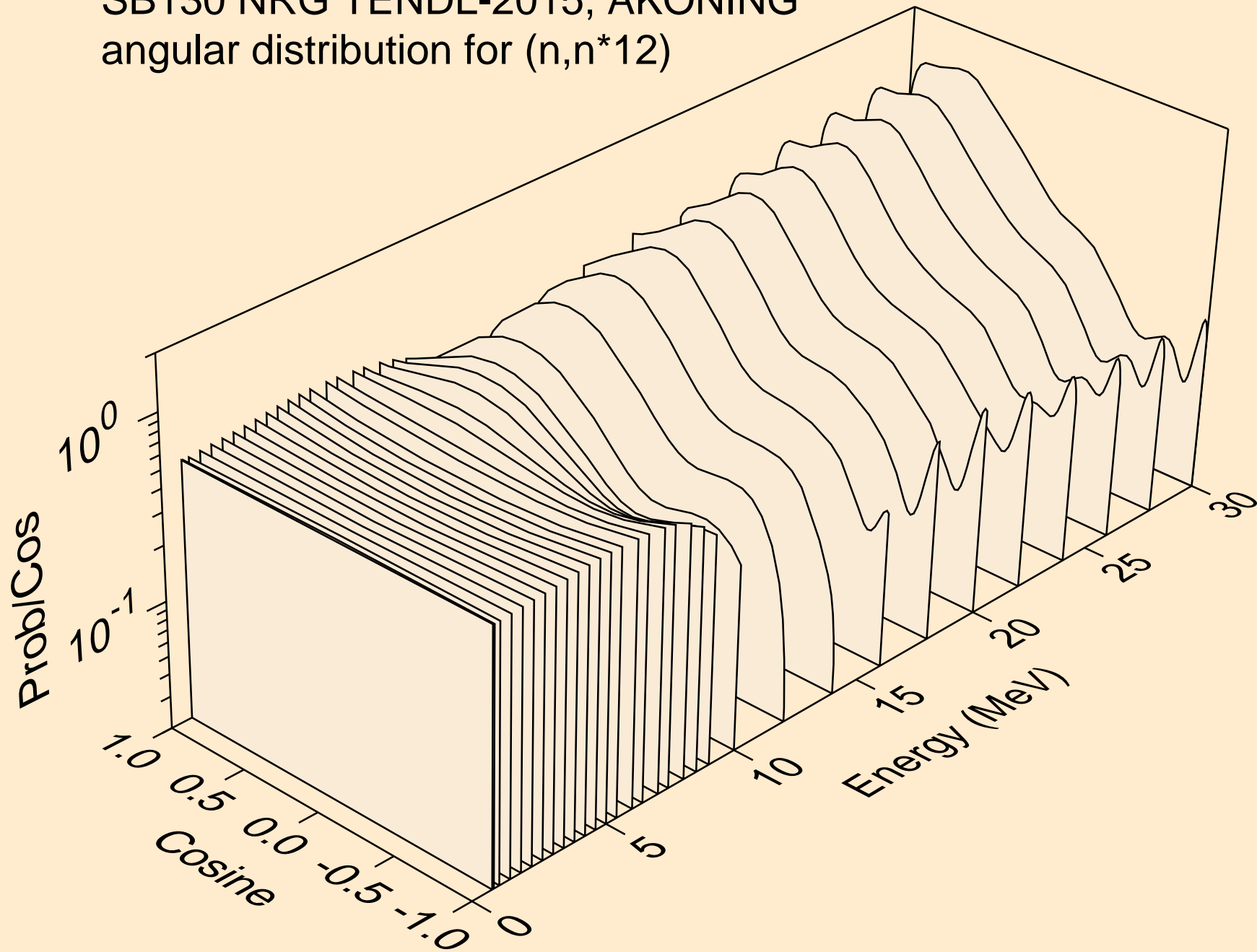
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



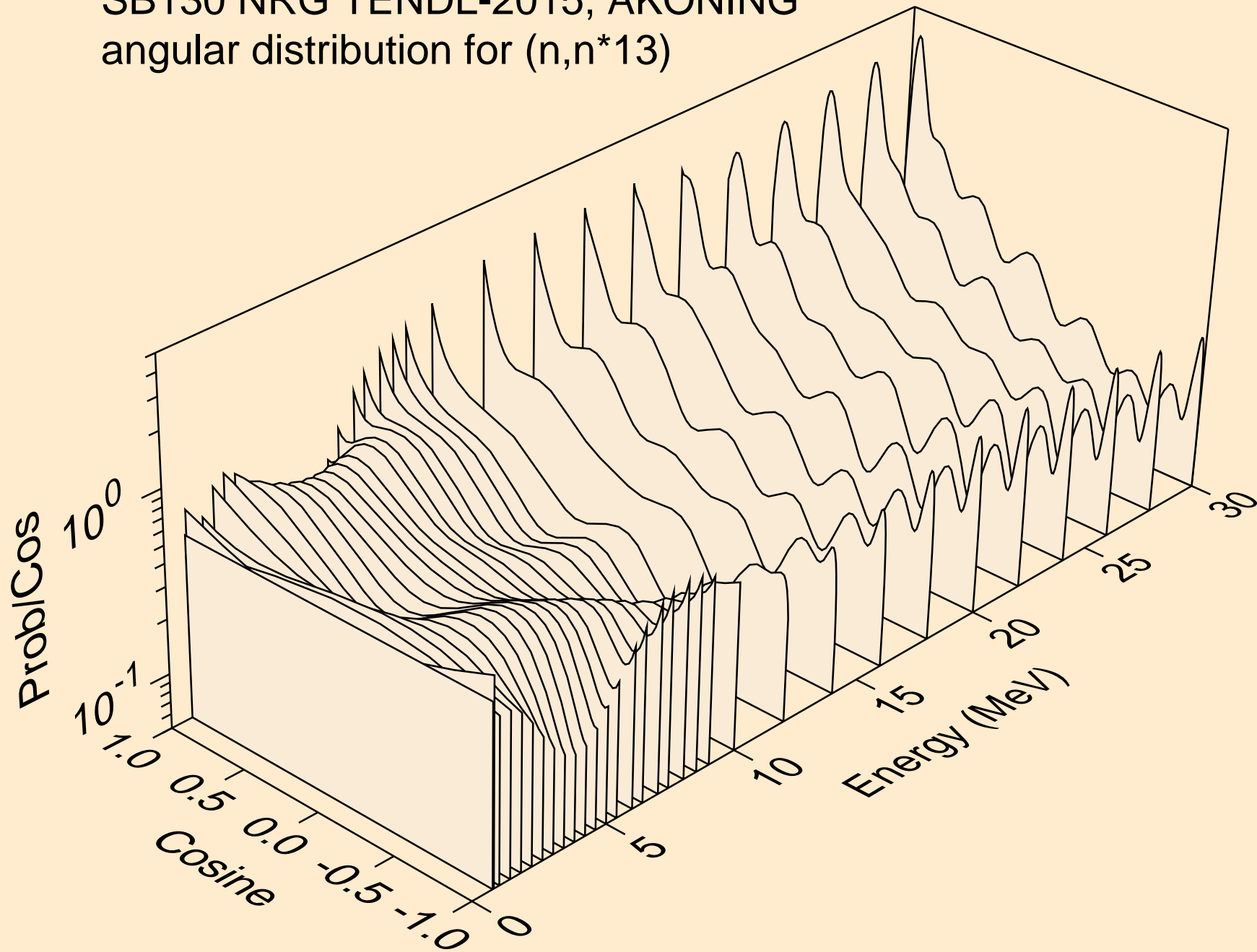
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



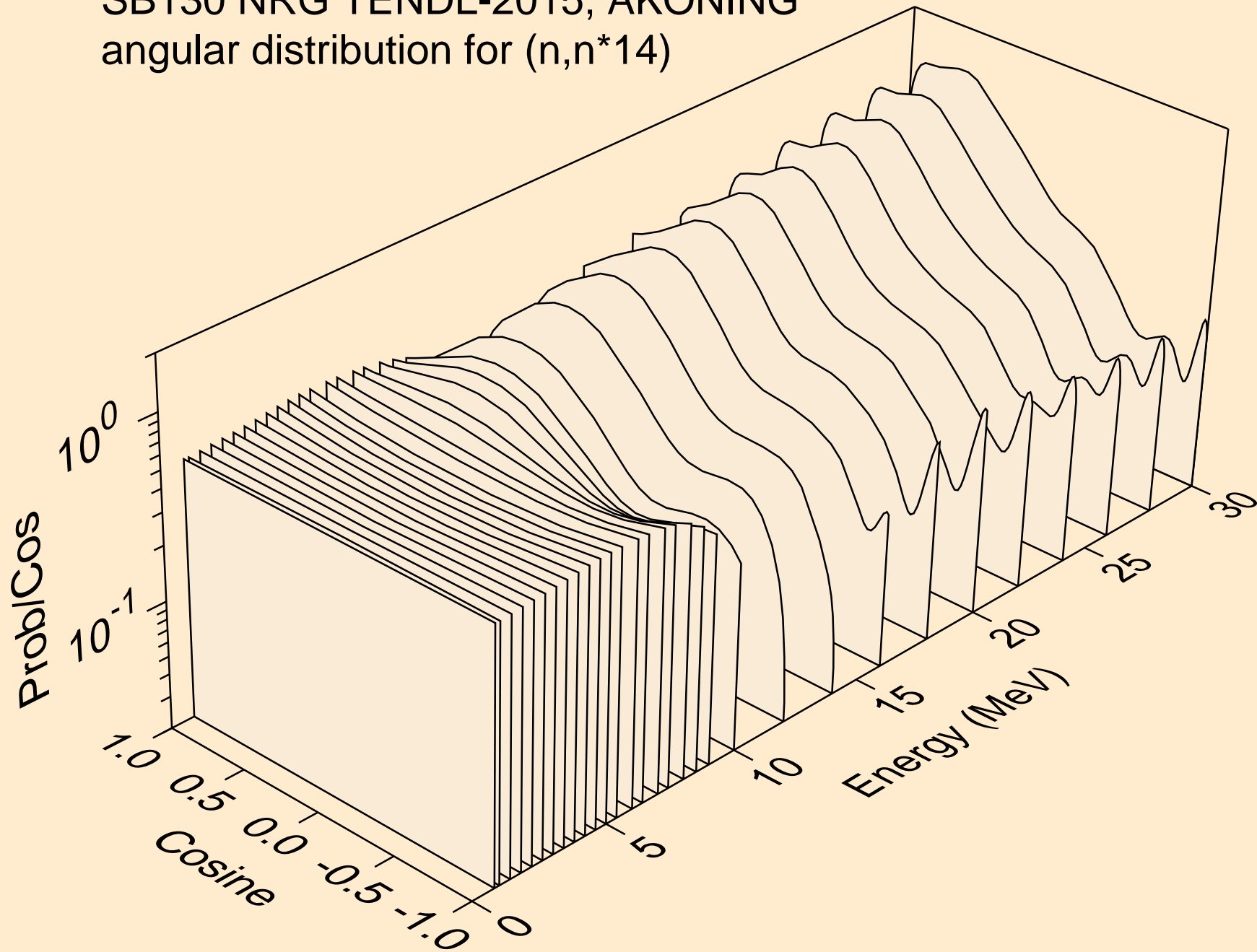
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



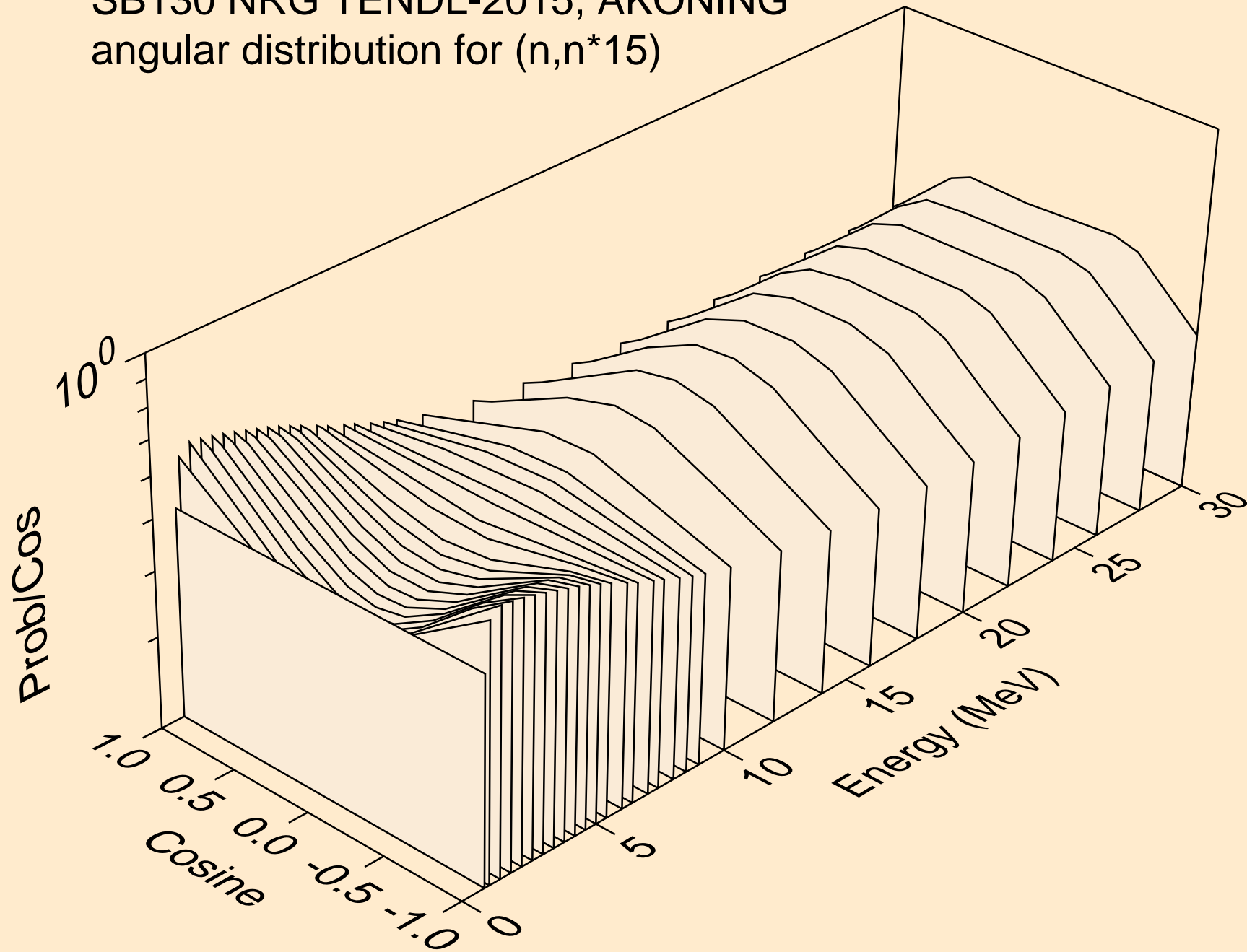
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

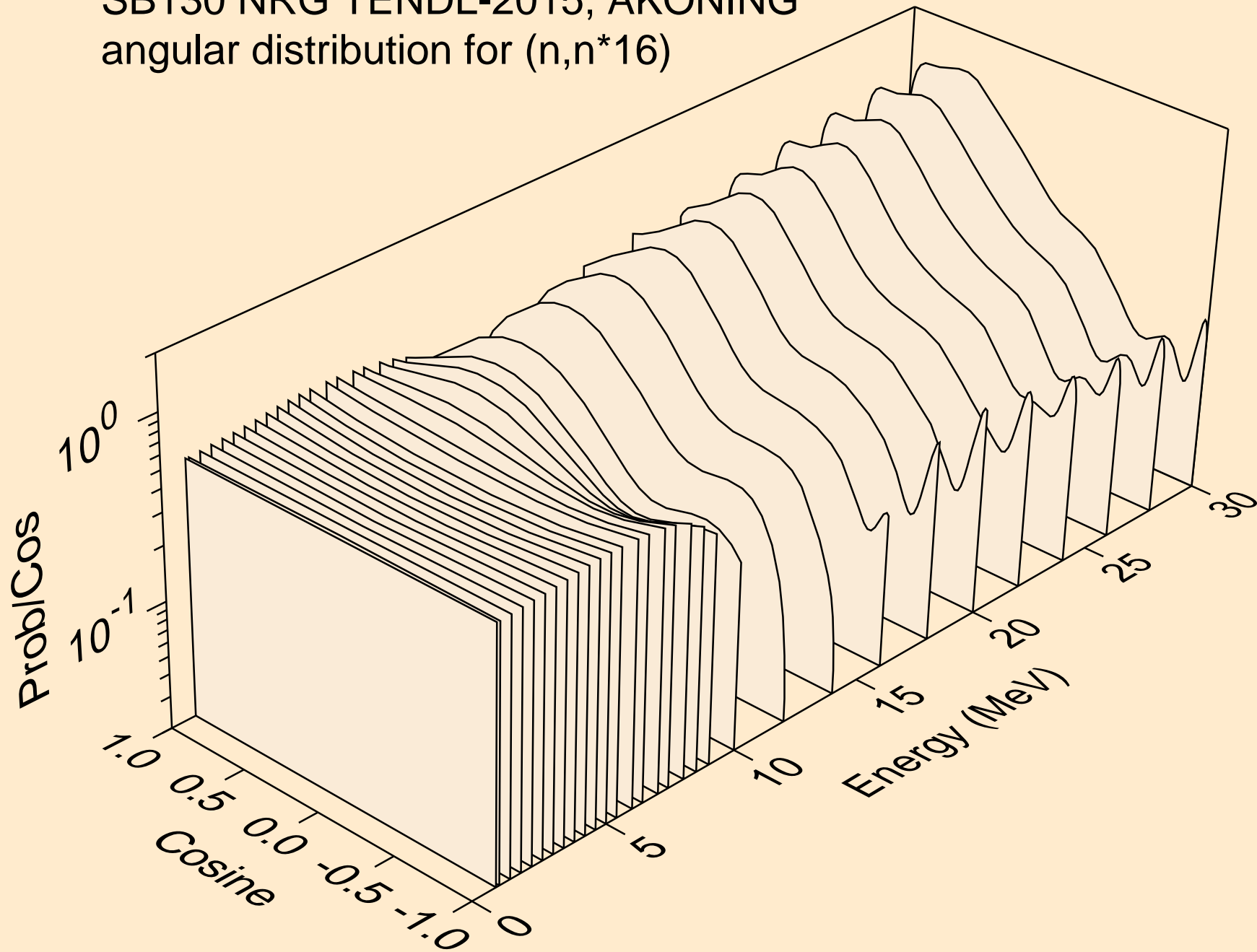


SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

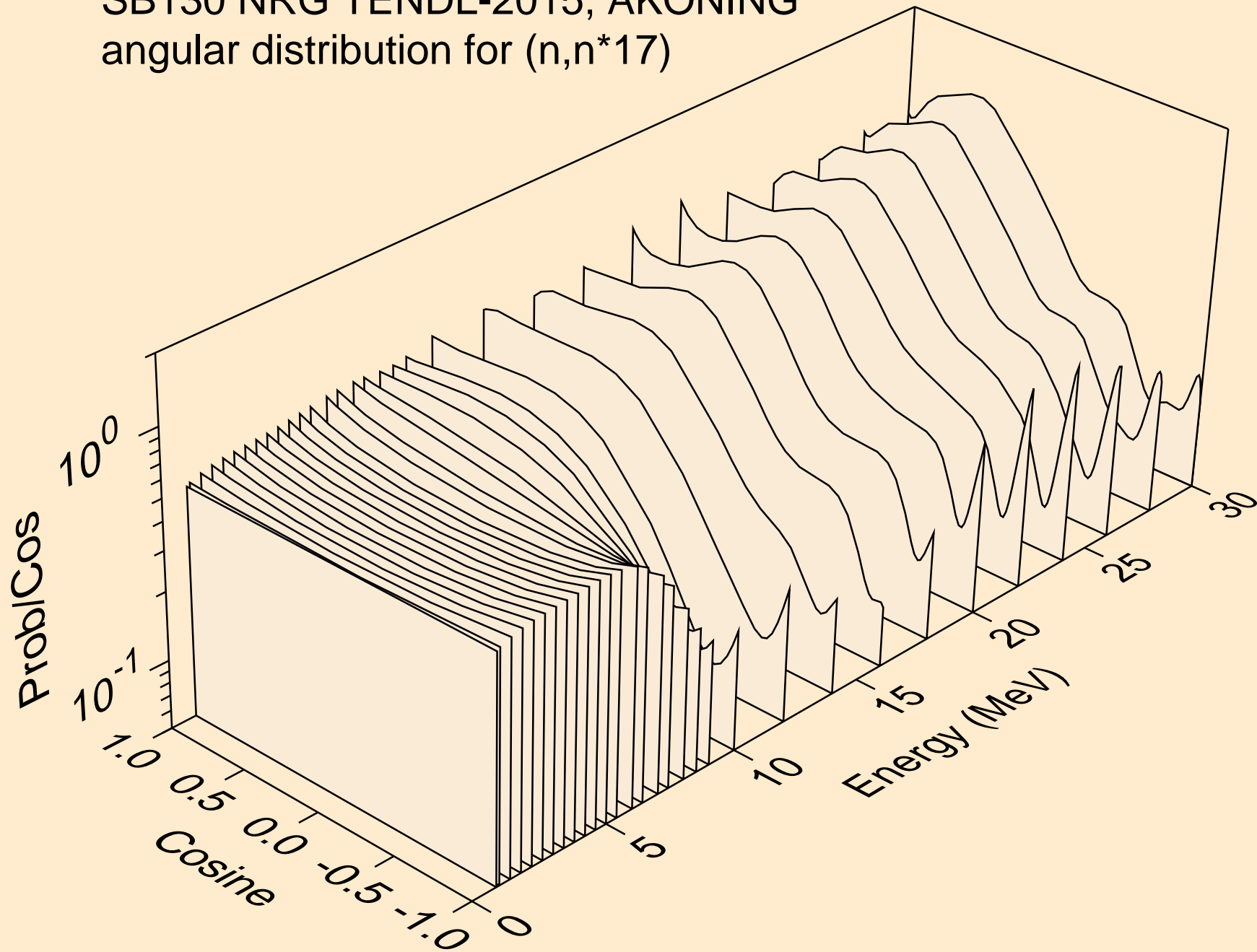




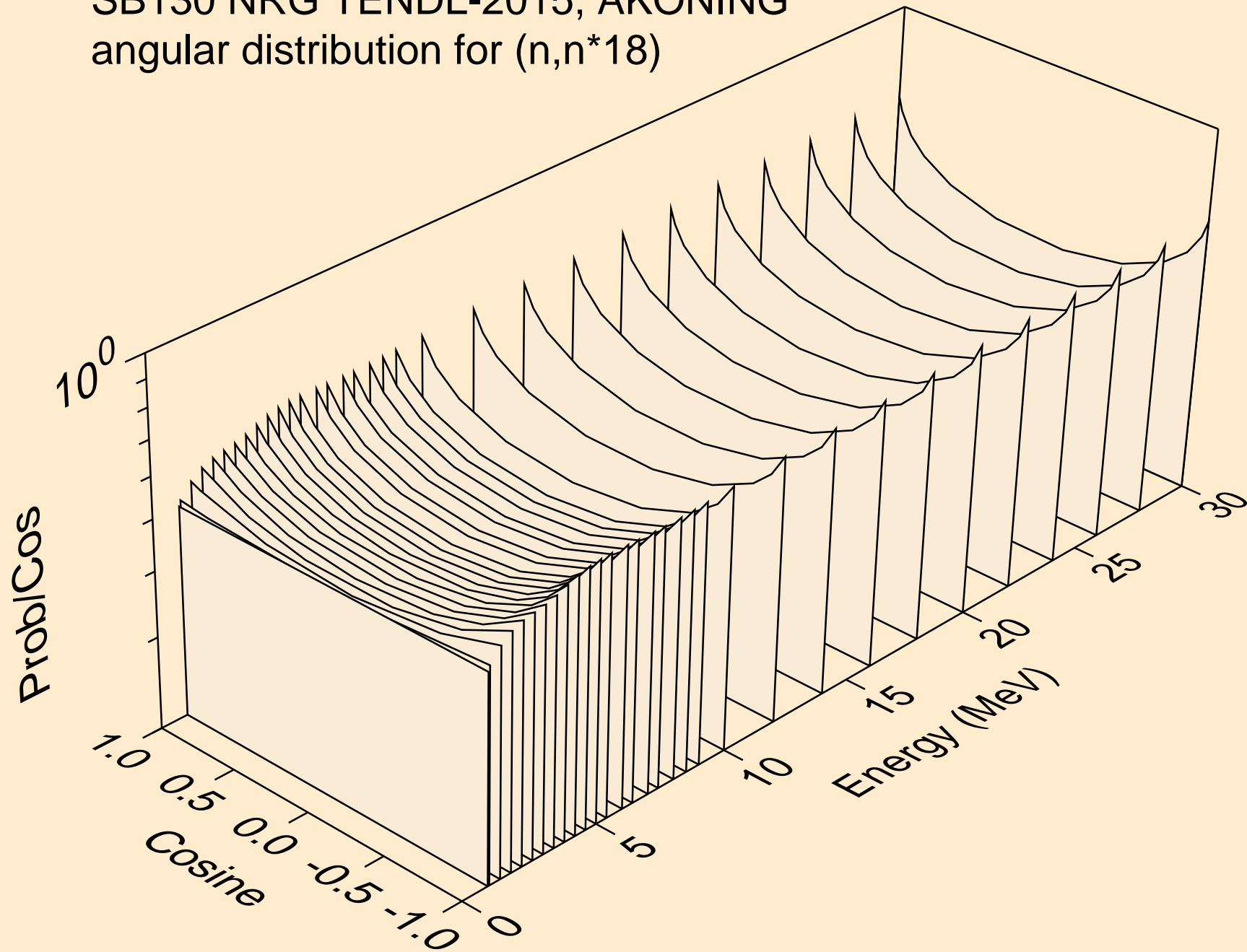
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



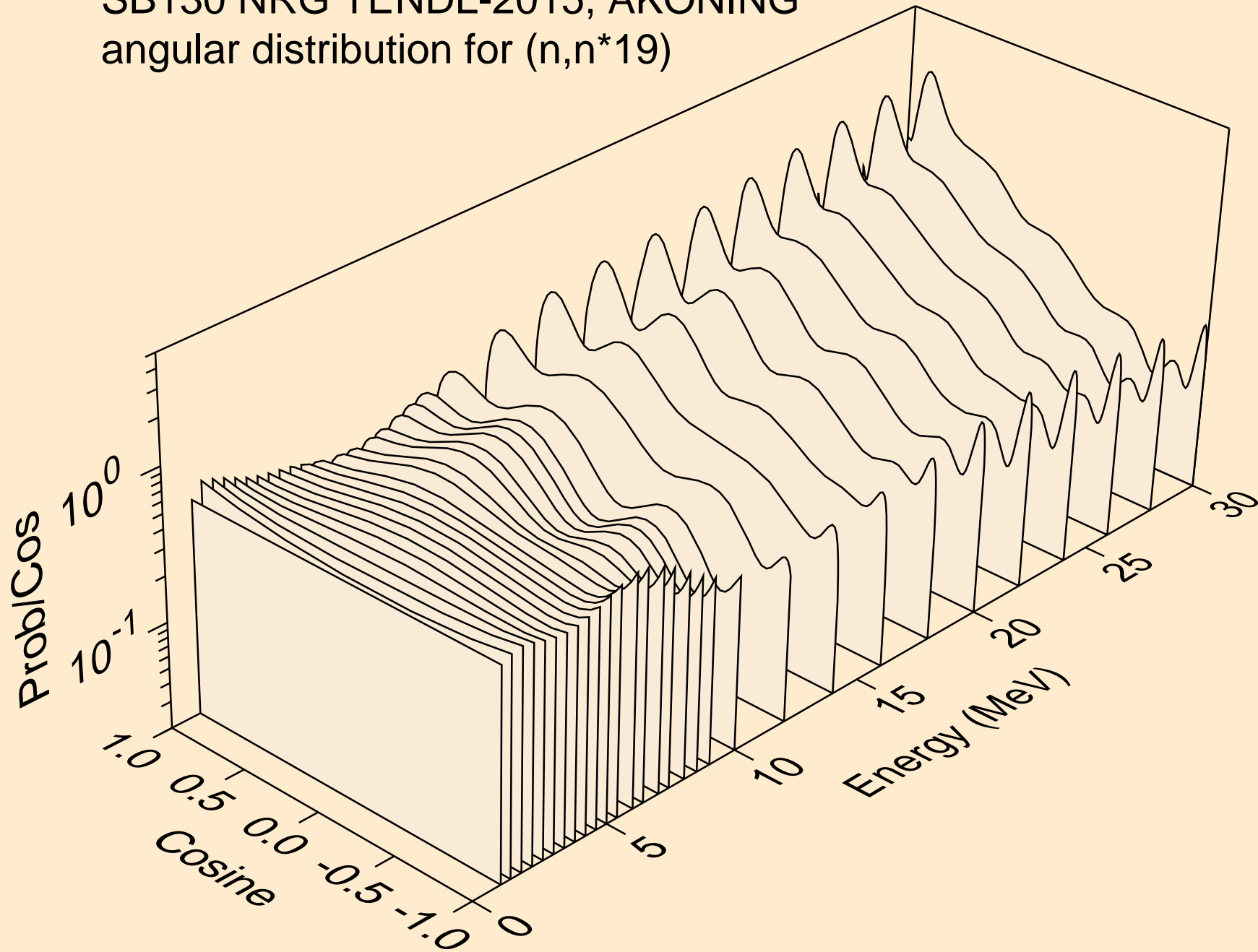
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



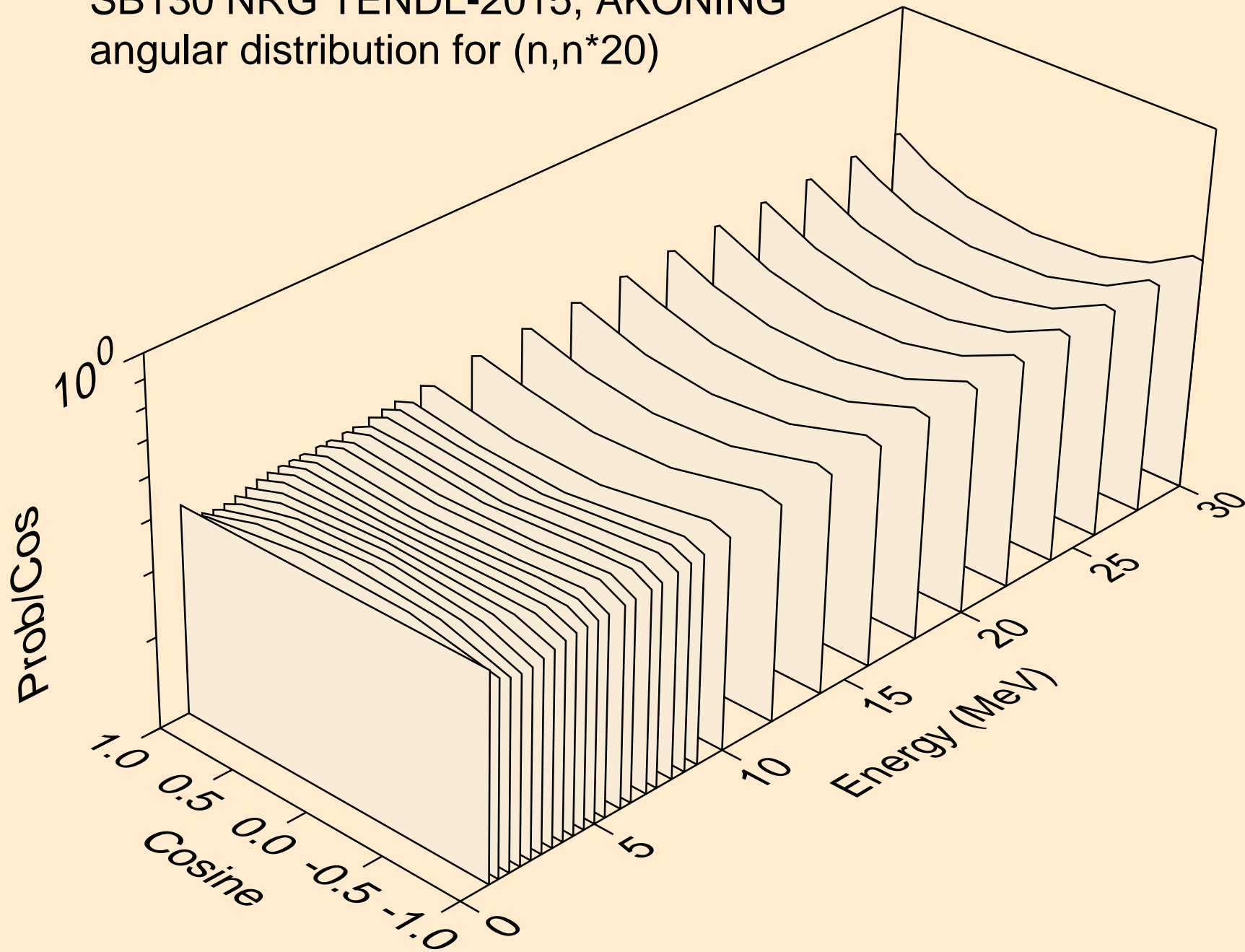
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



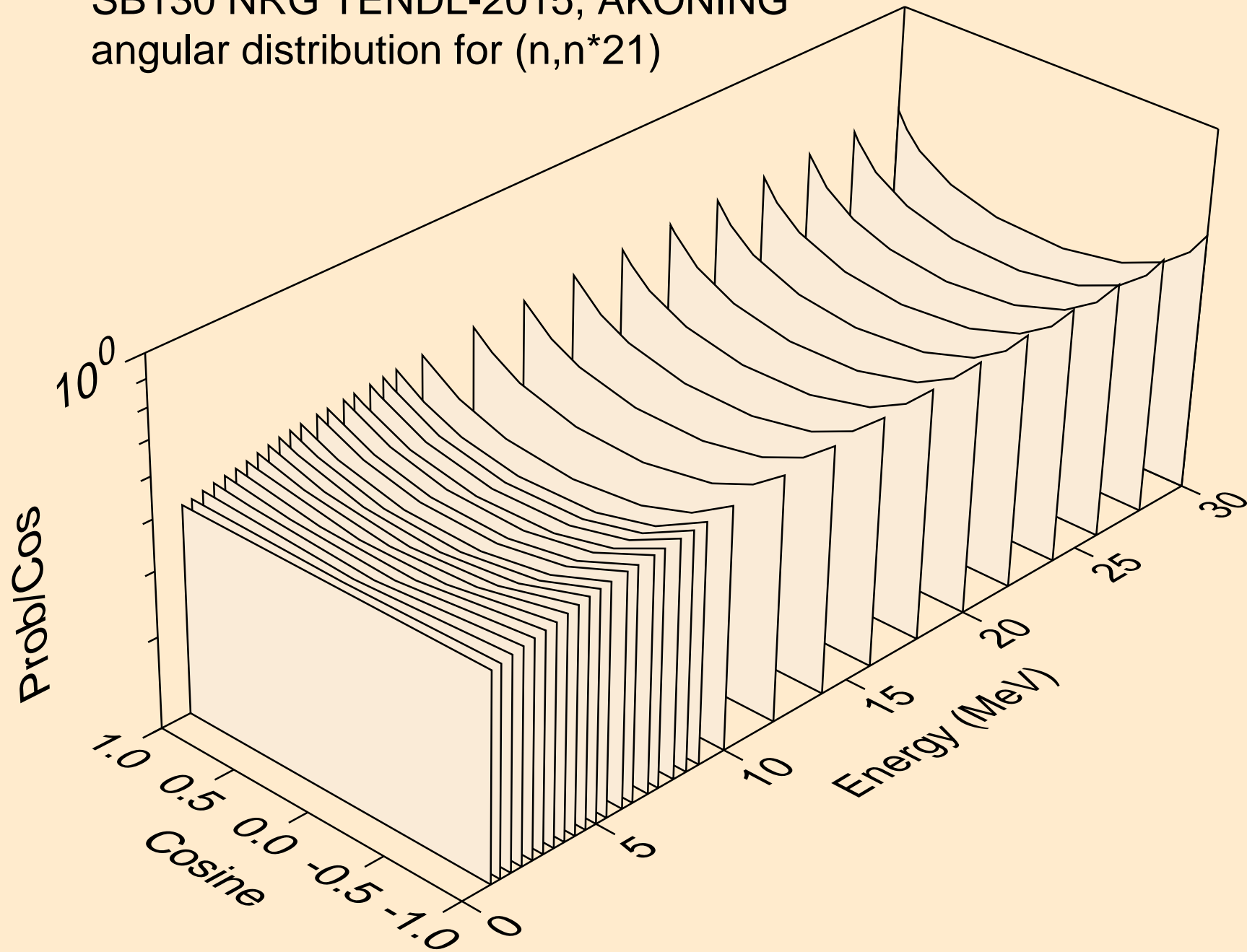
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



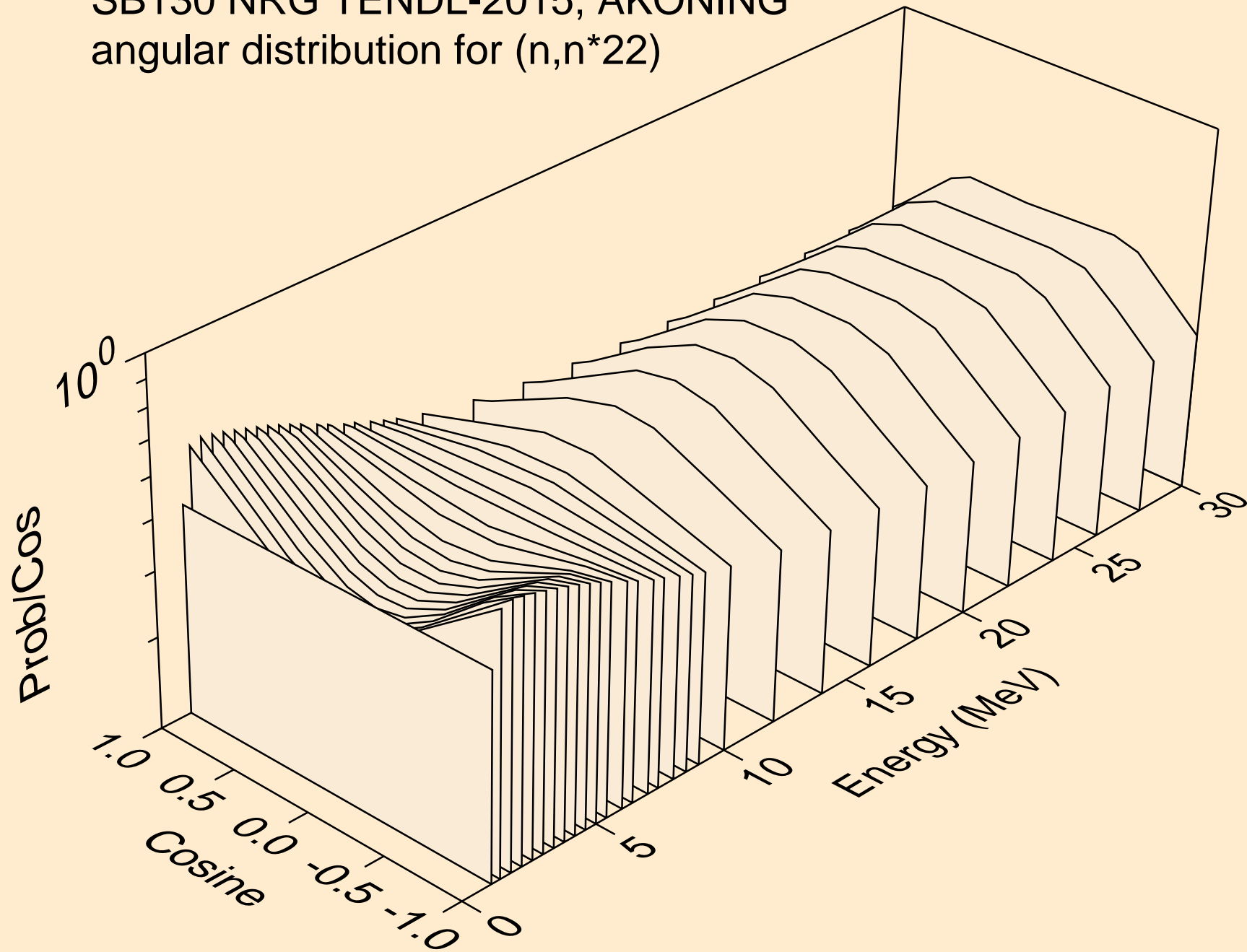
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



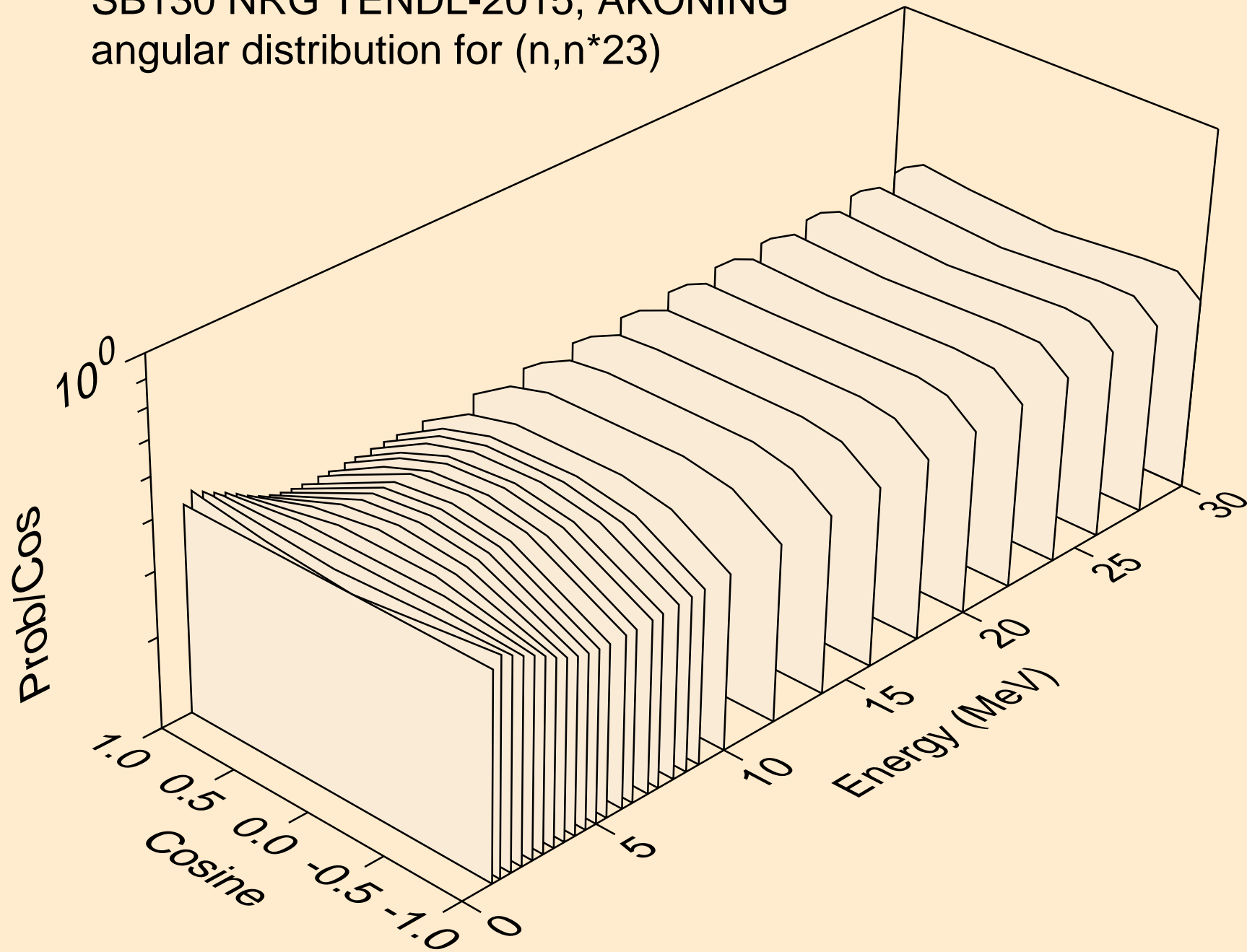
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

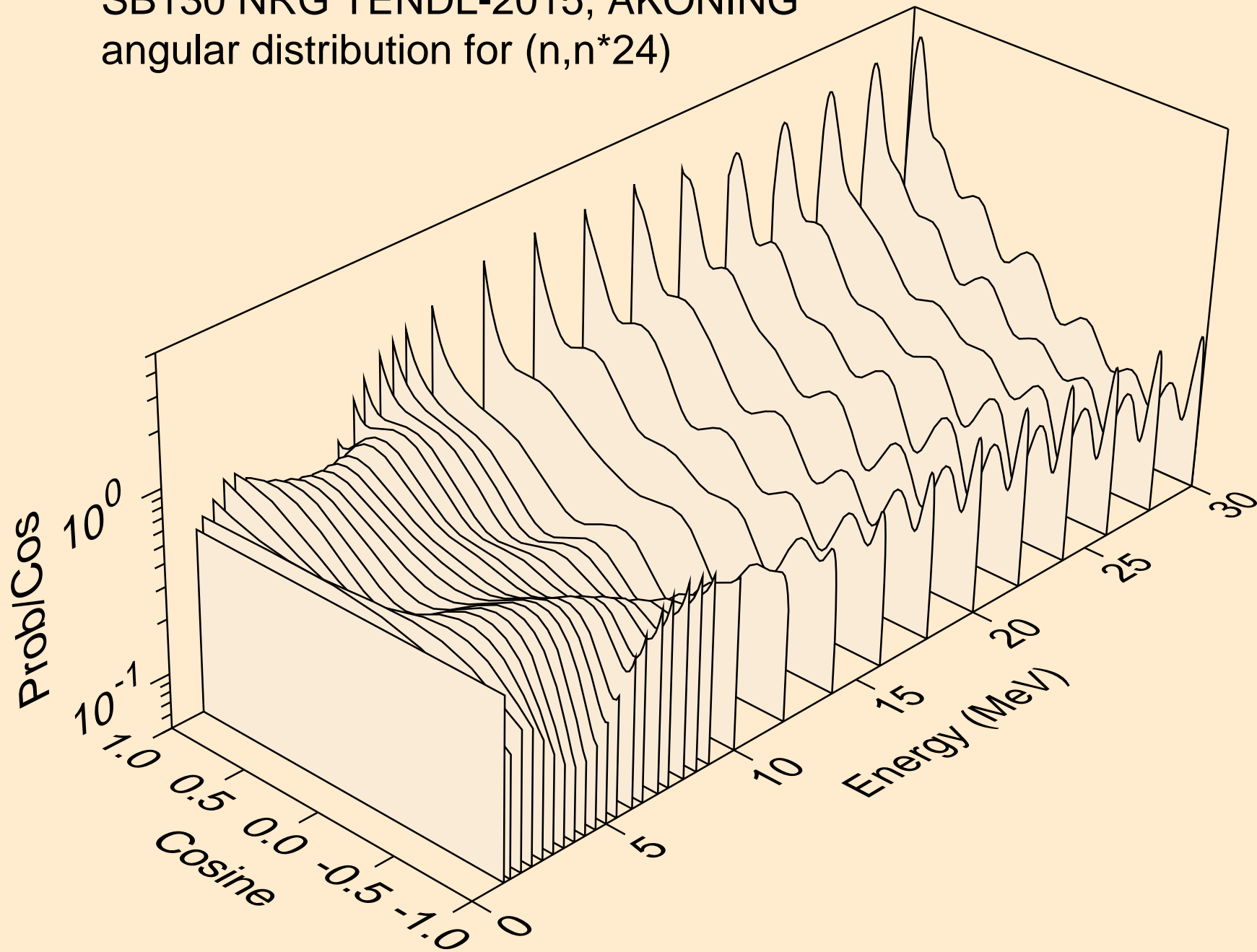


SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

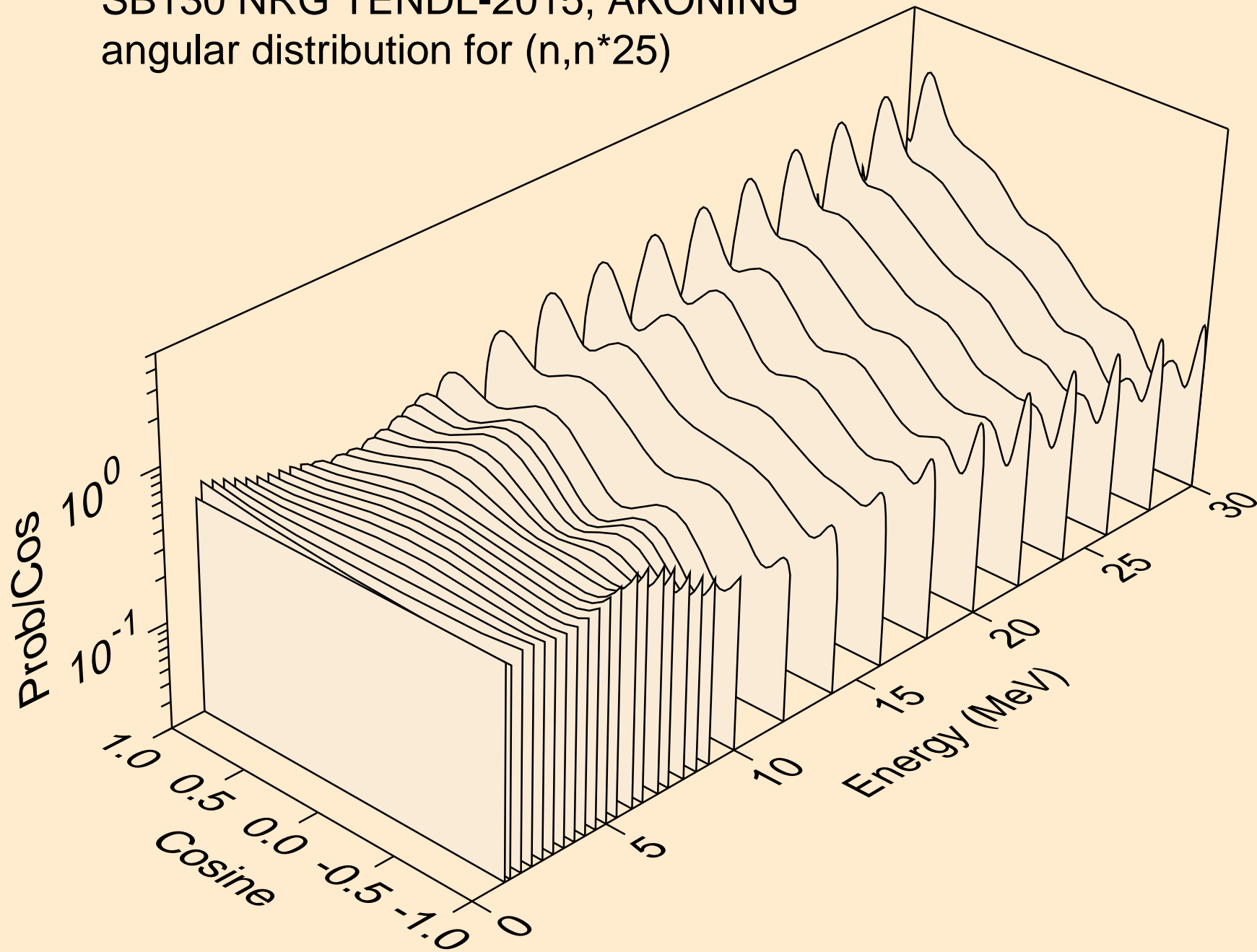




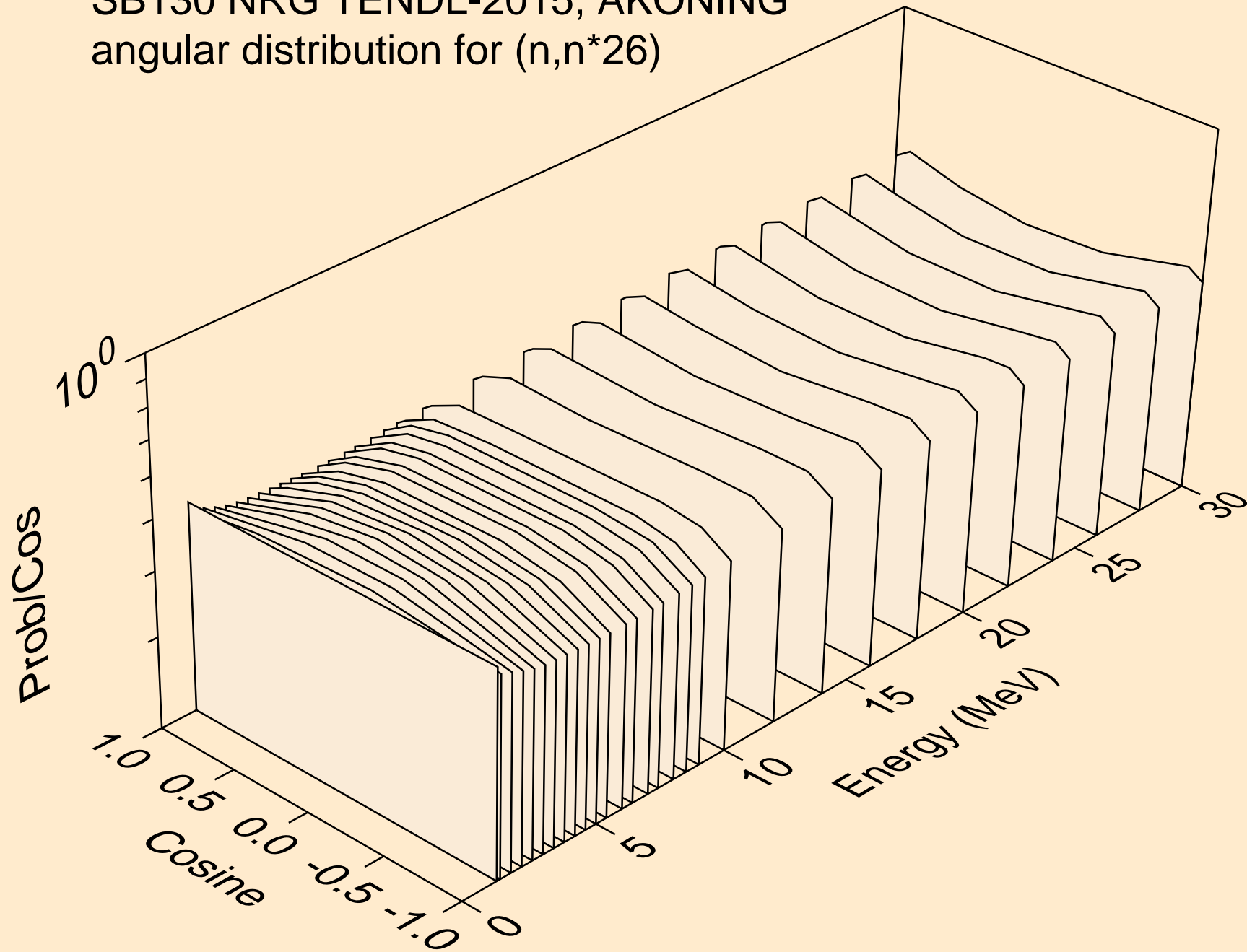
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



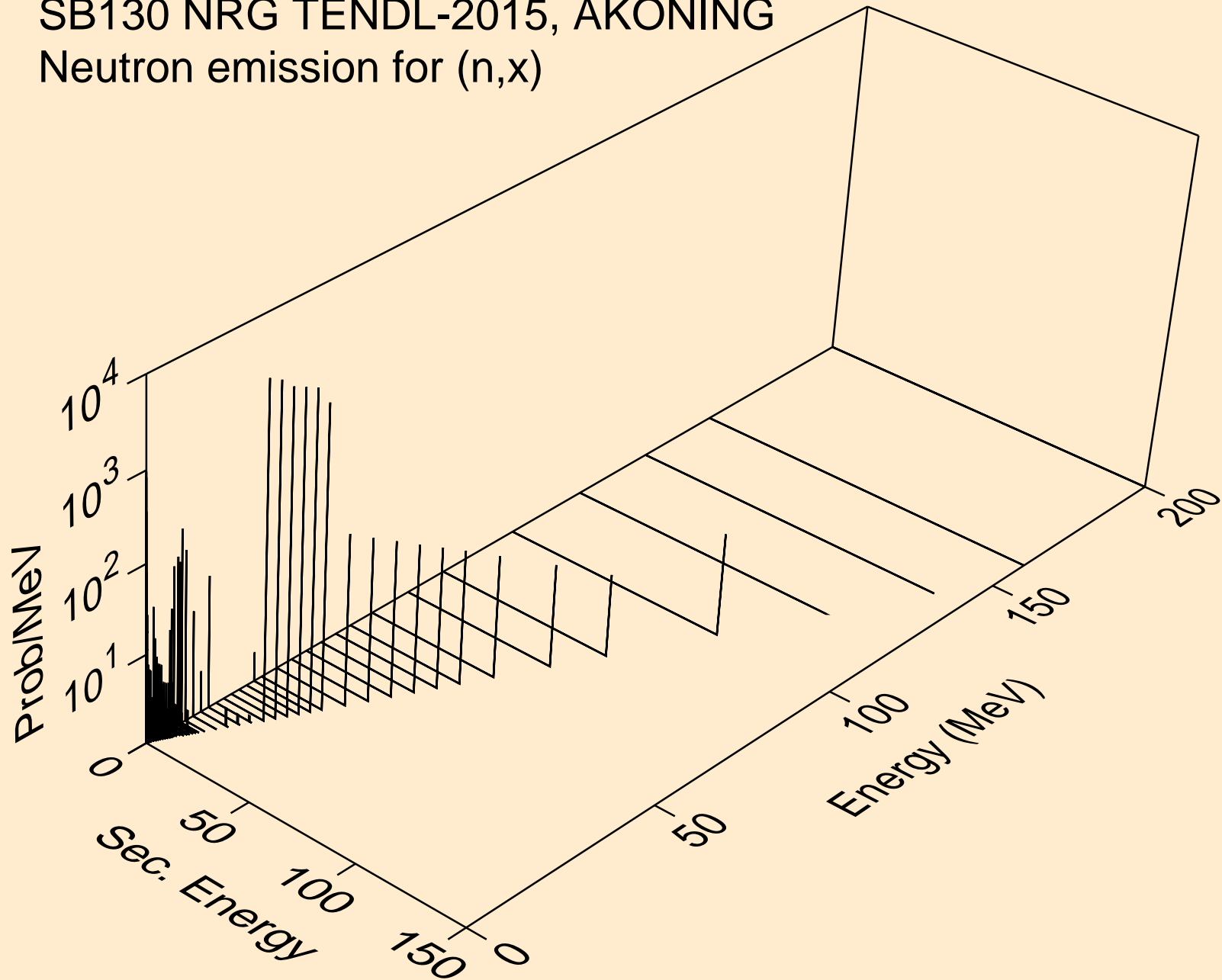
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



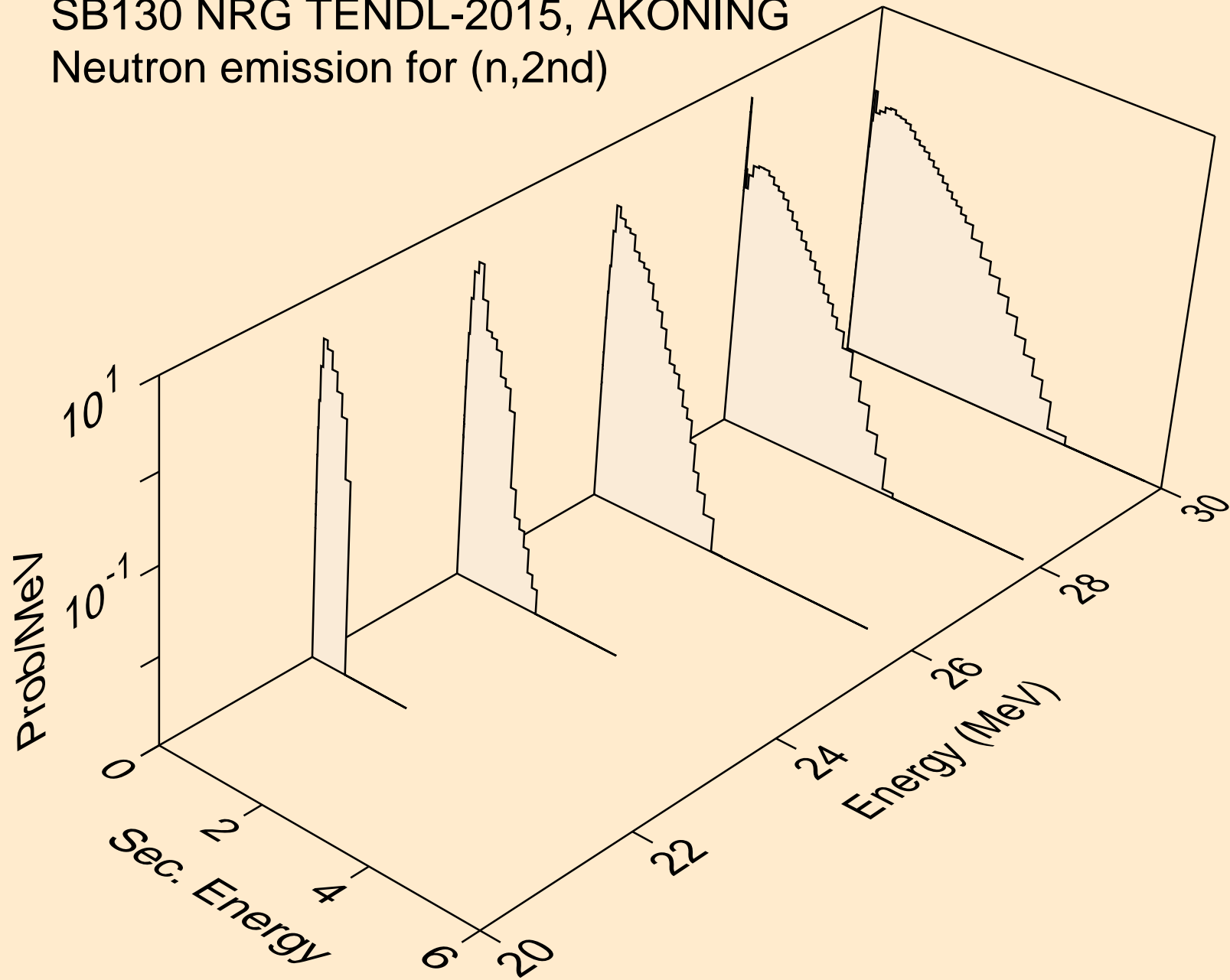
SB130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



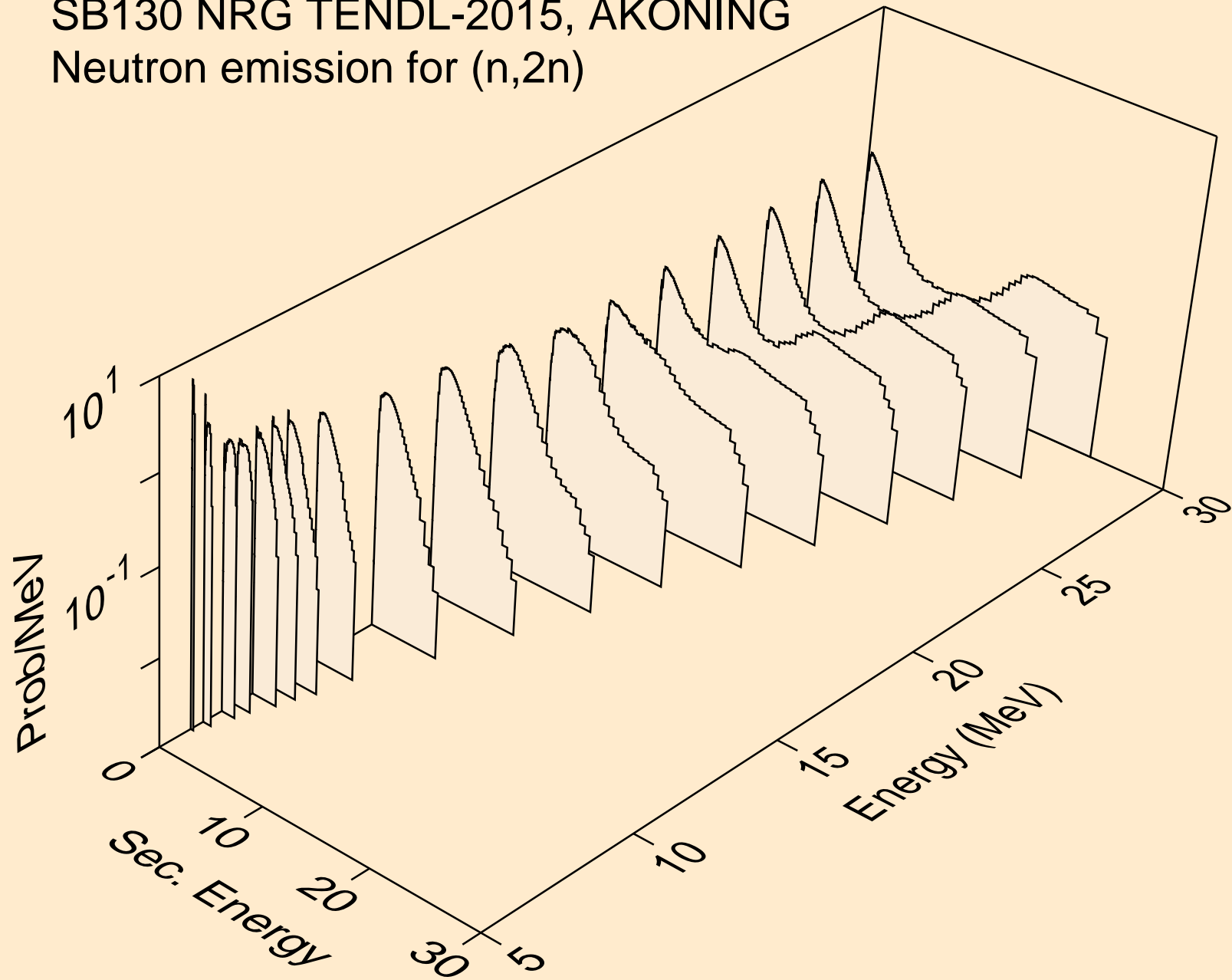
SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



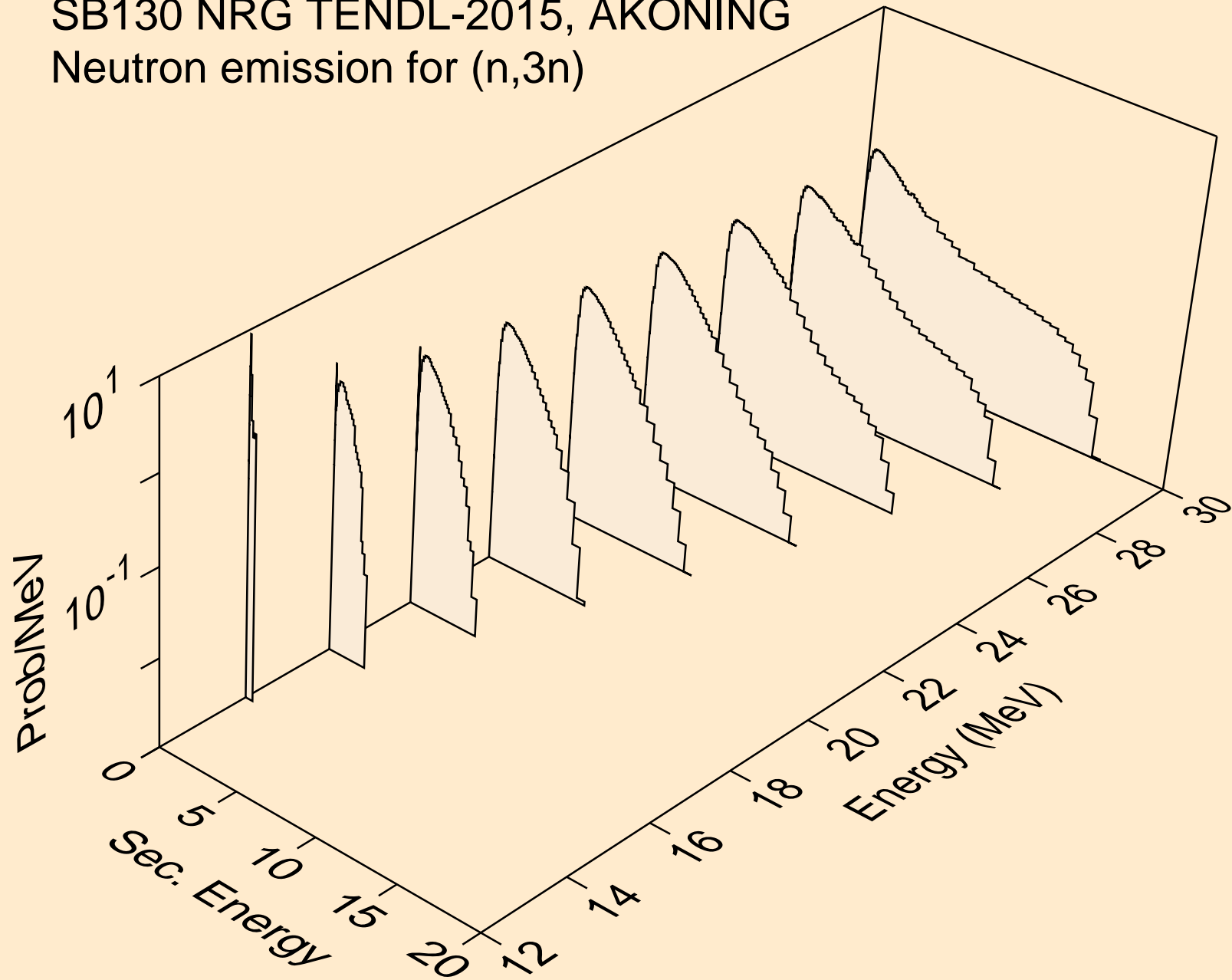
SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



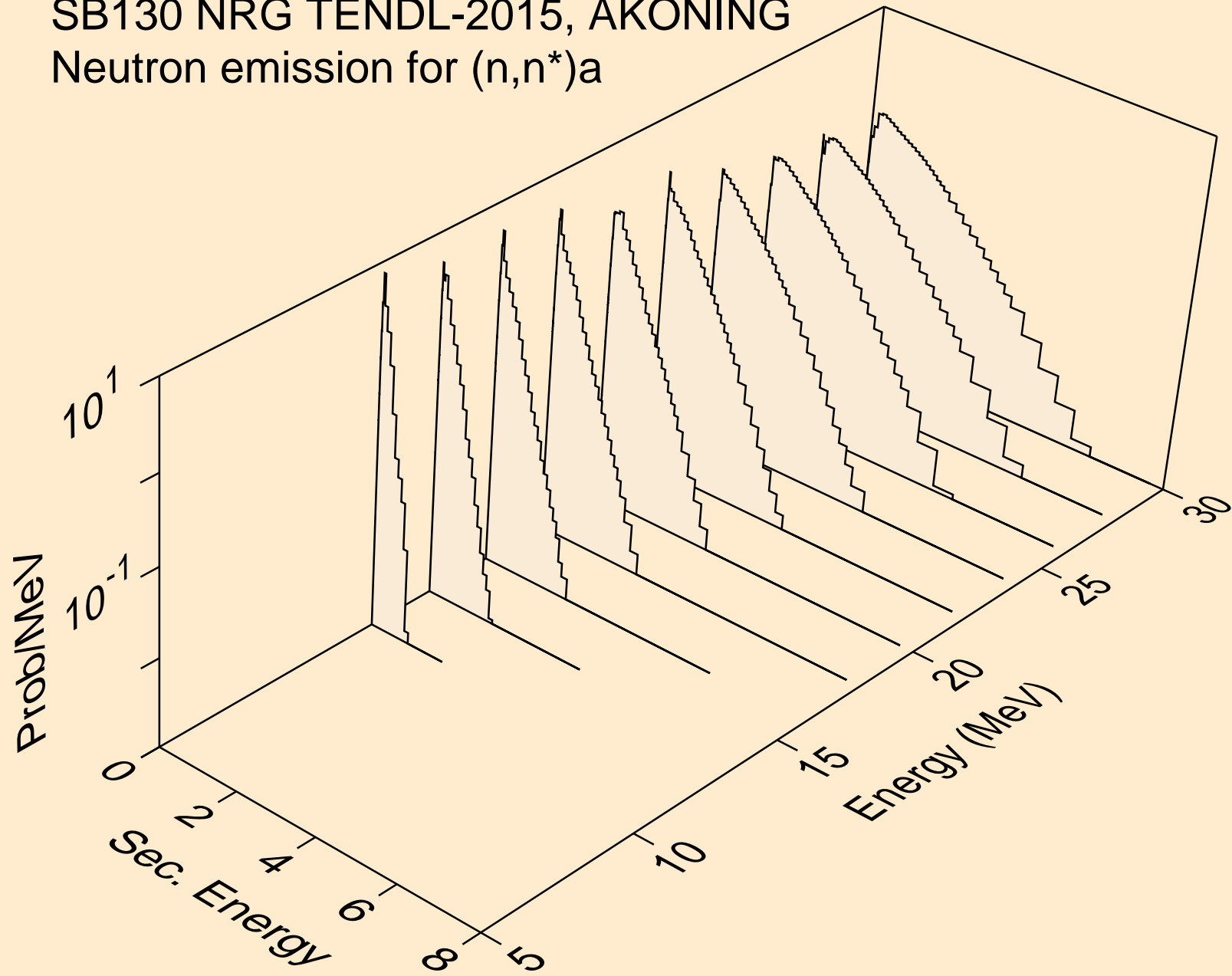
SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

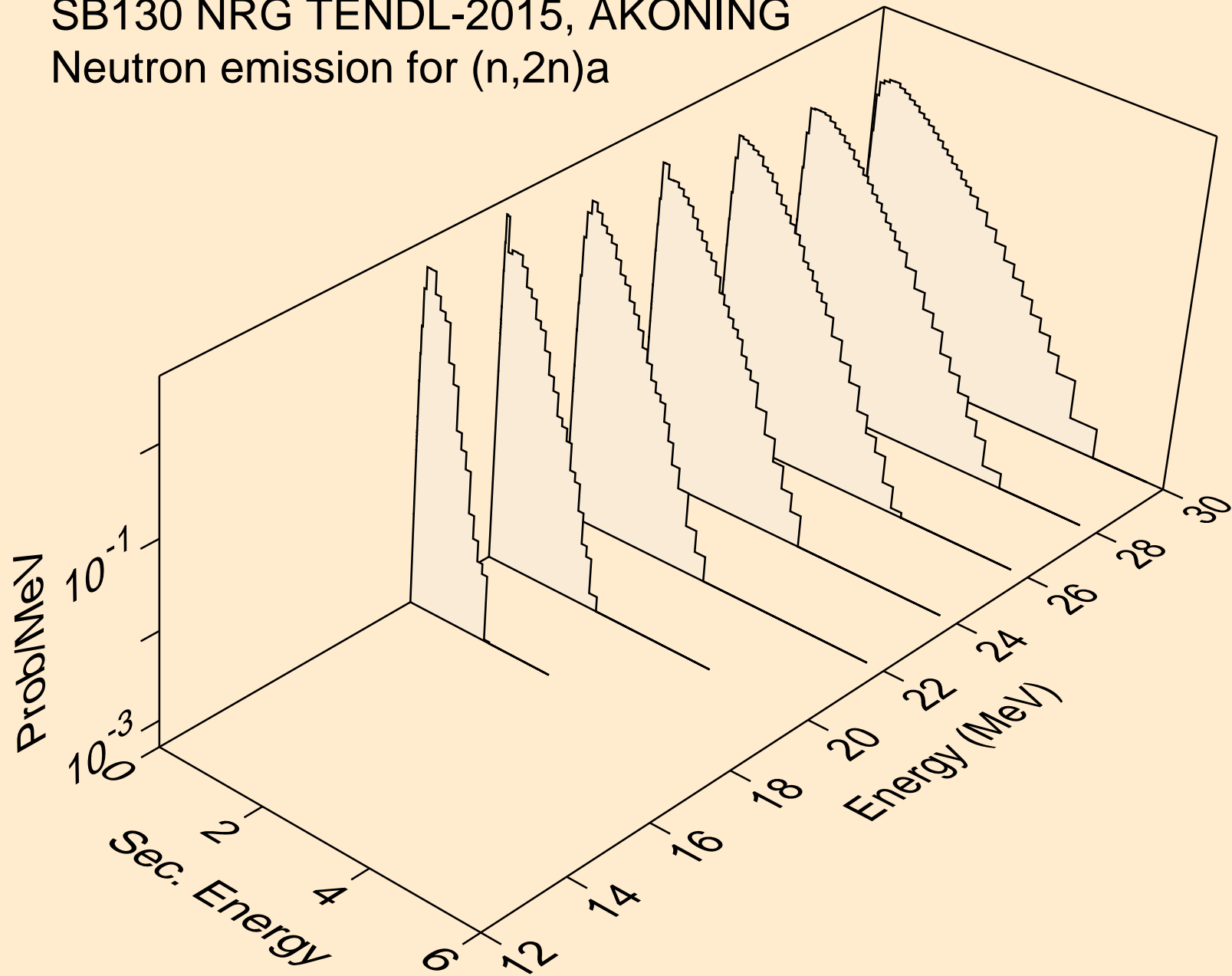


SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

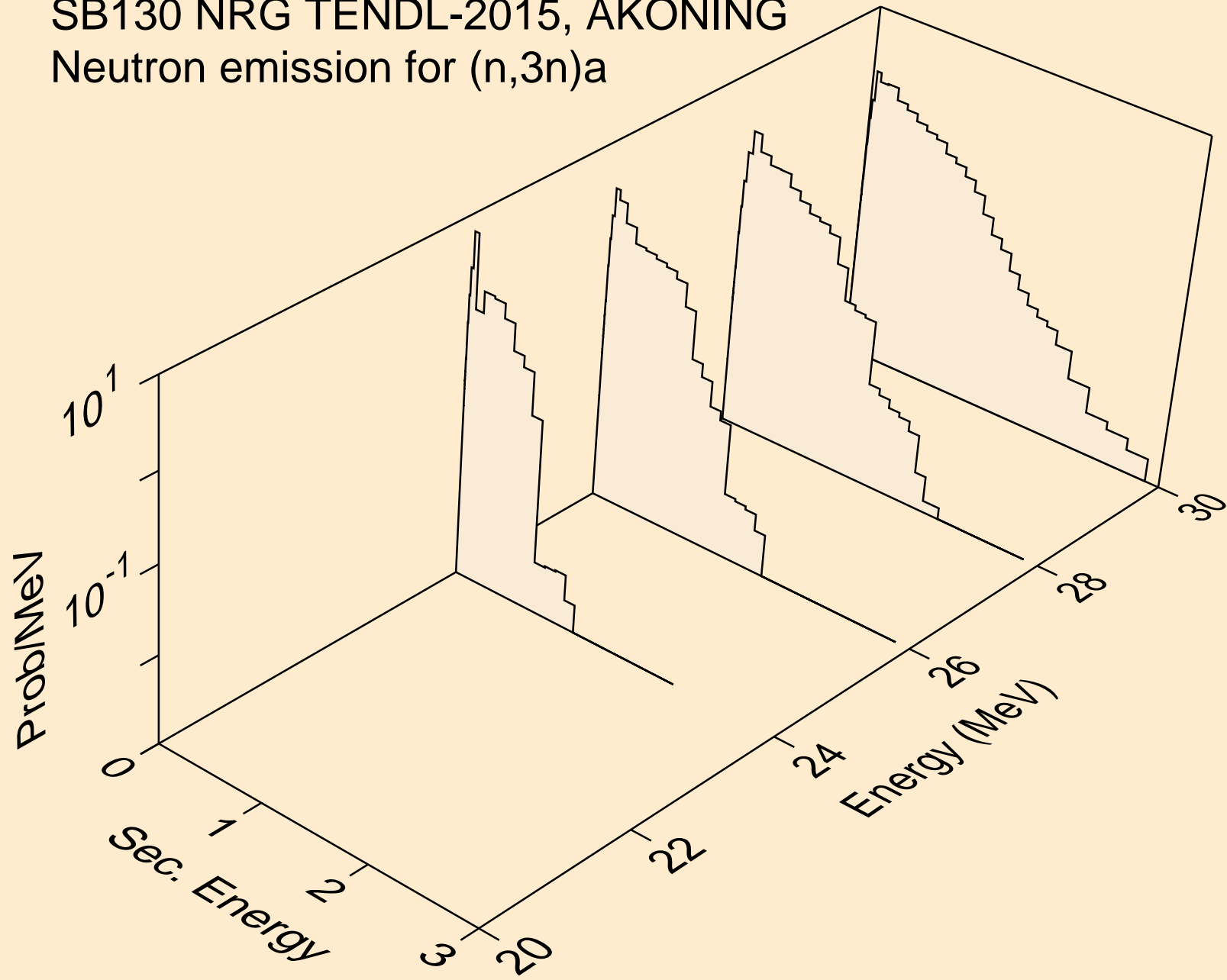




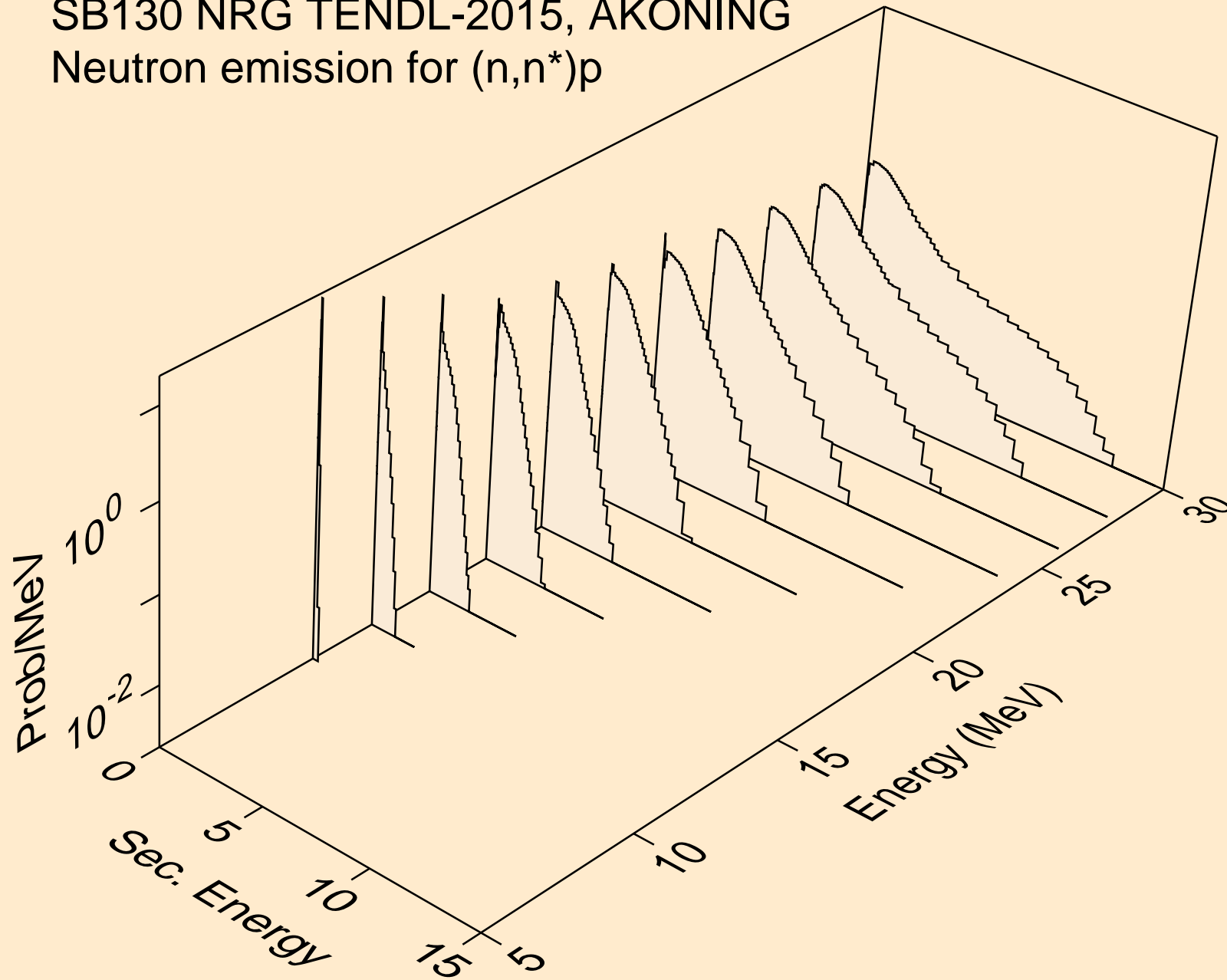
SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



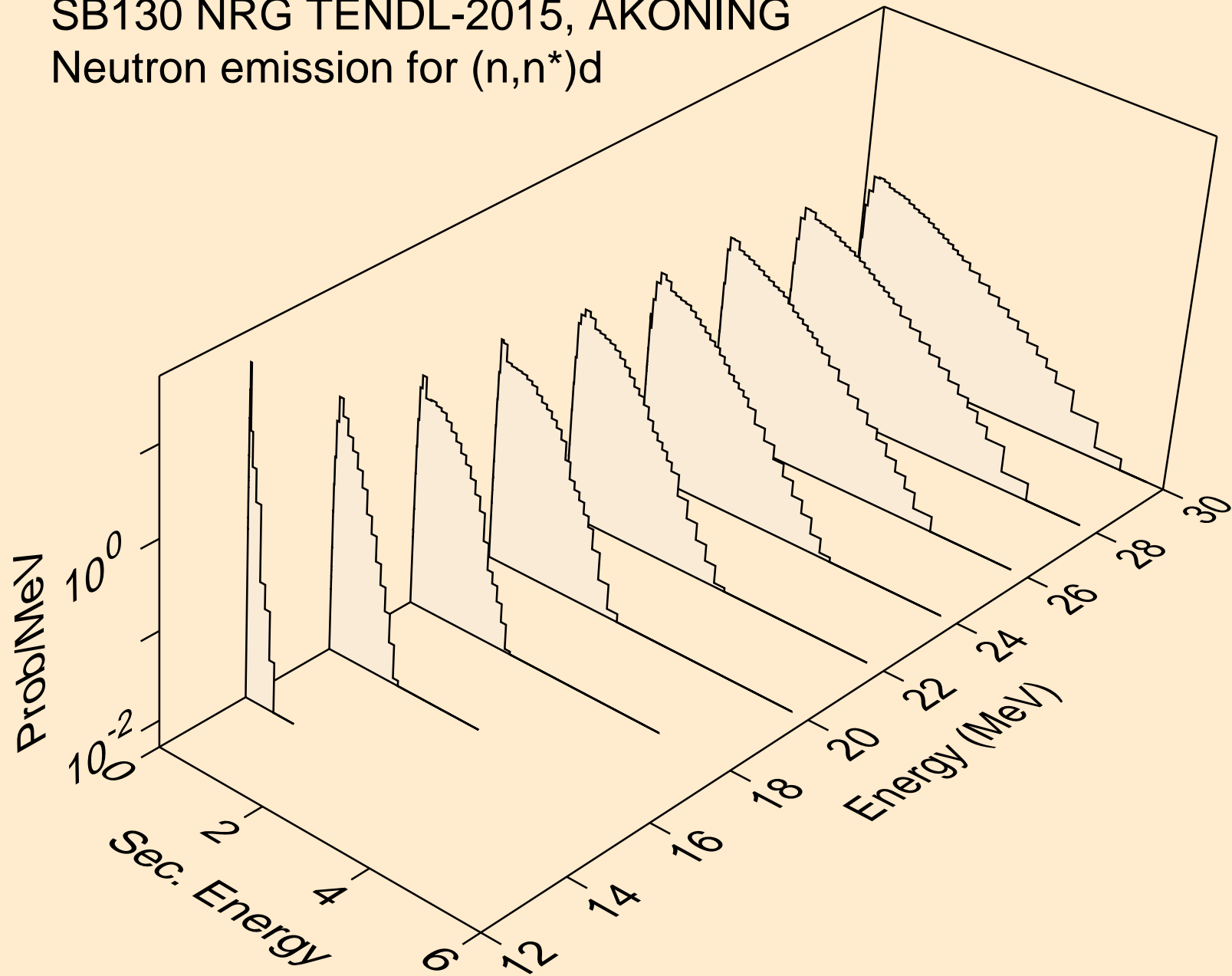
SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



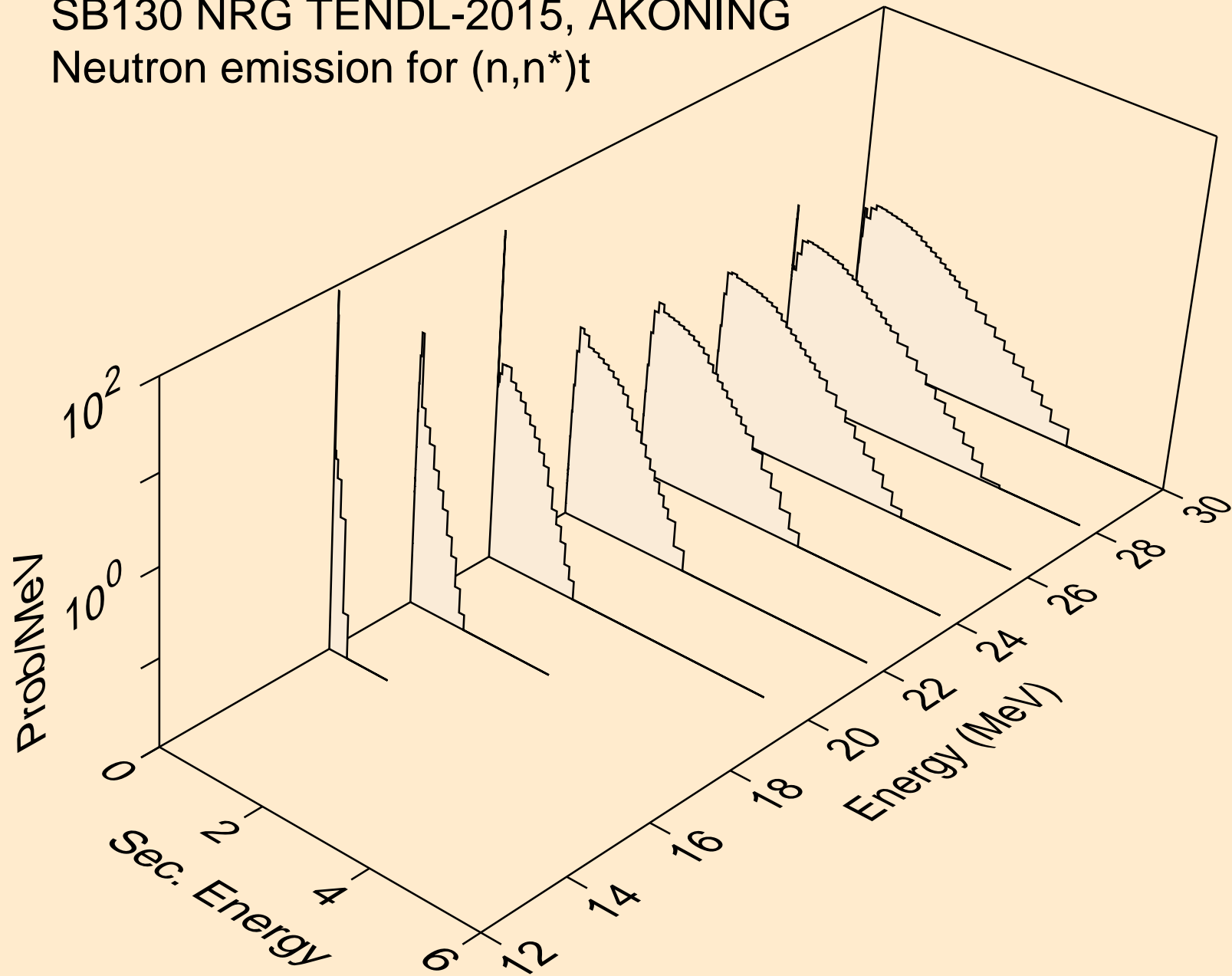
SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



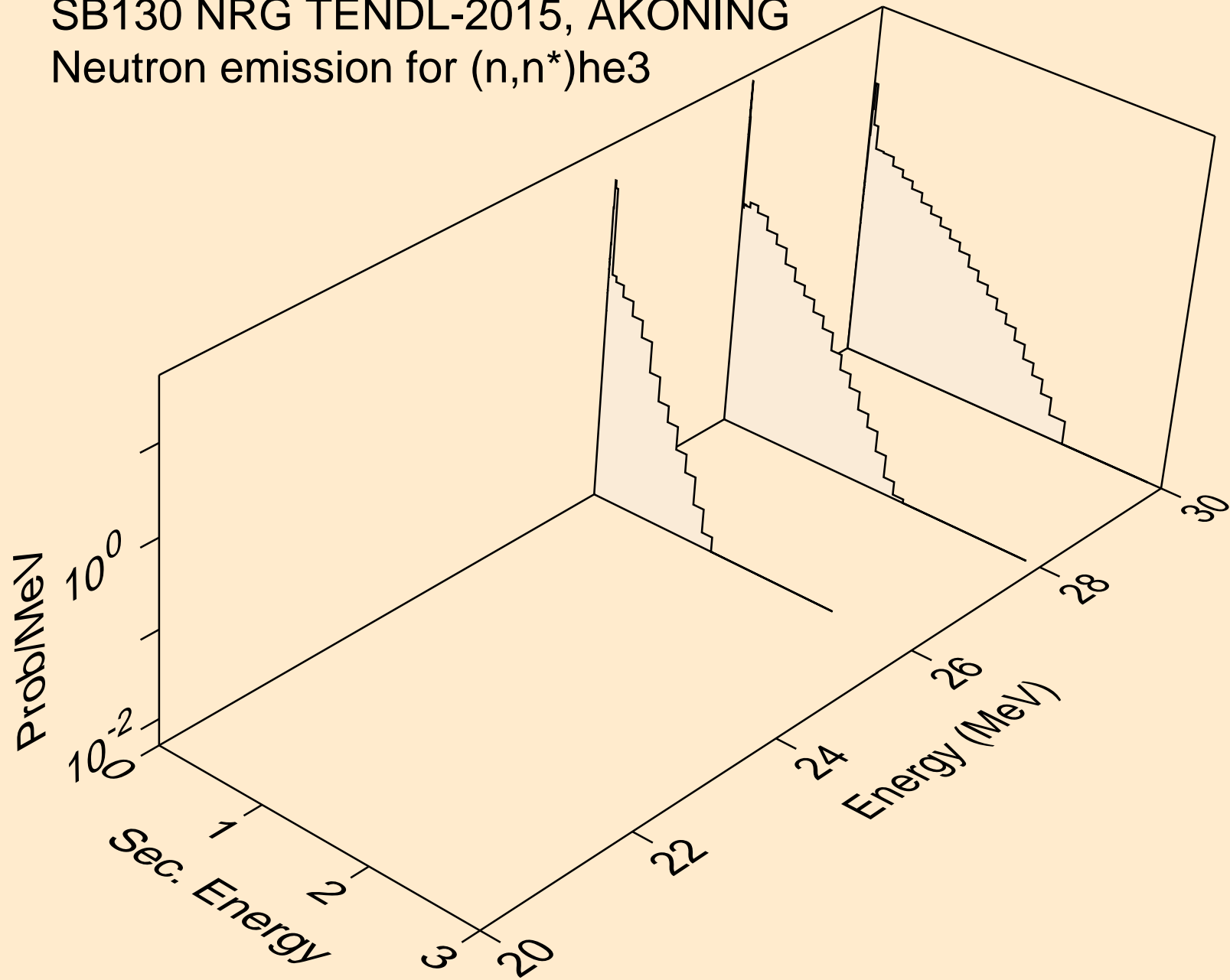
SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



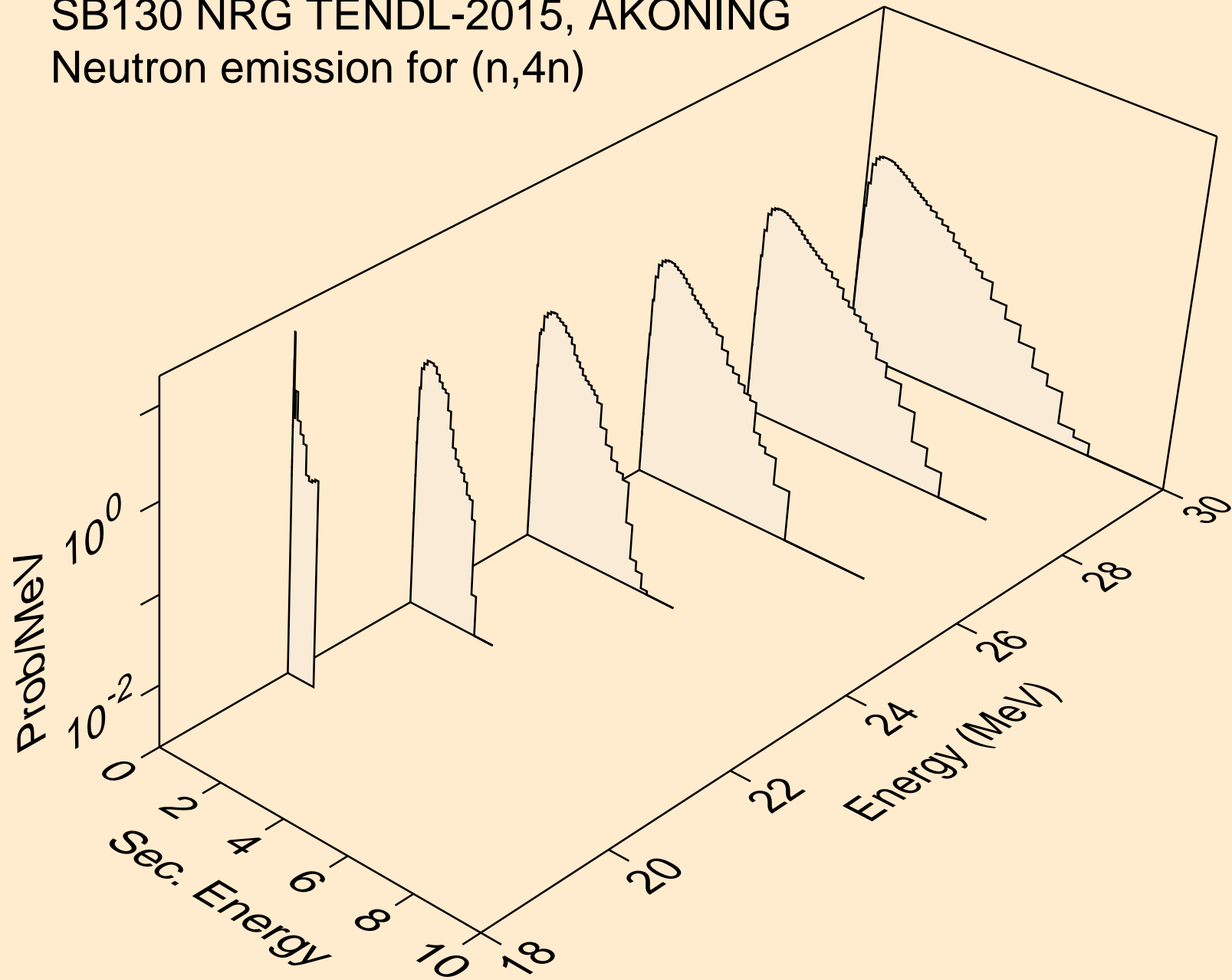
SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



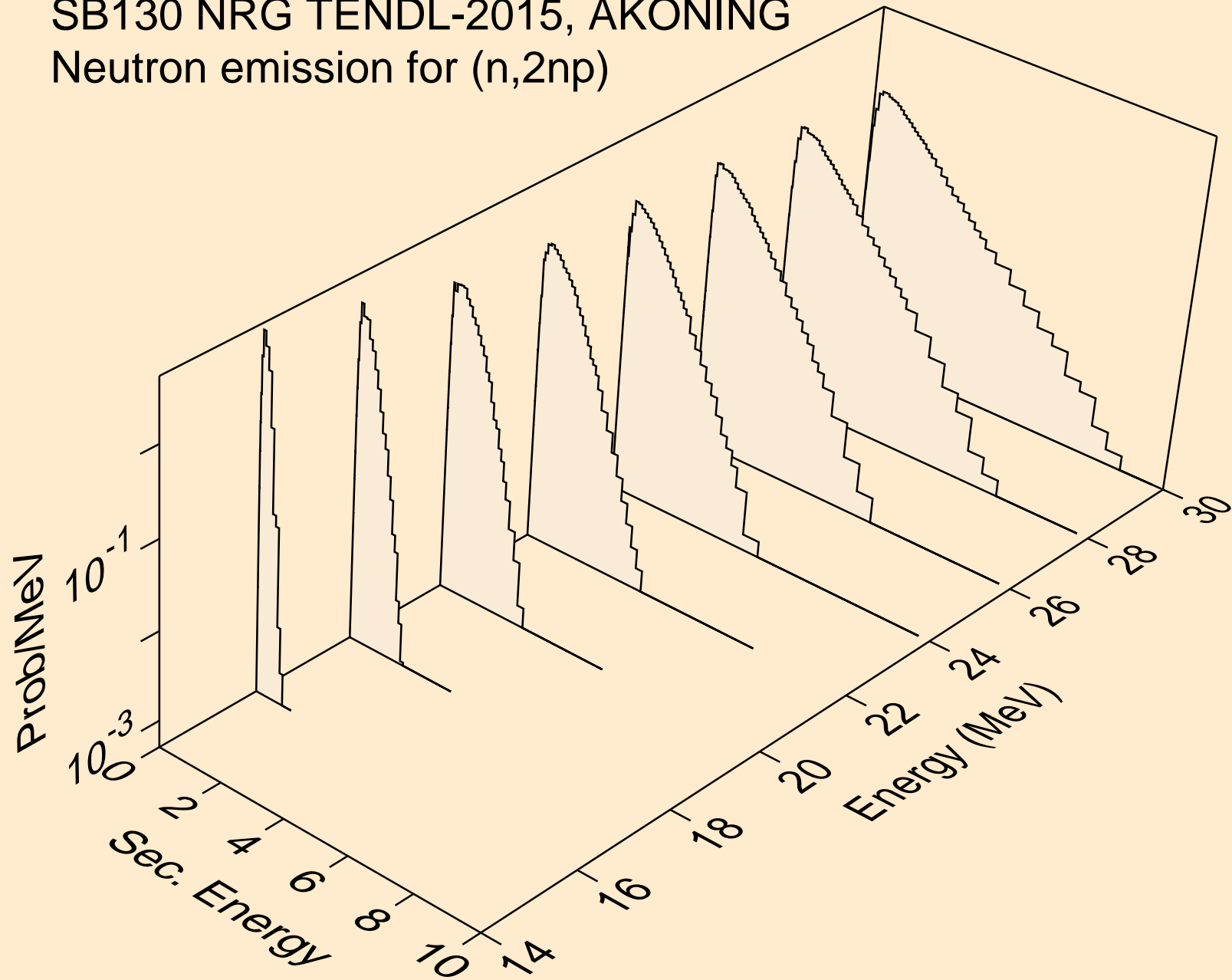
SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

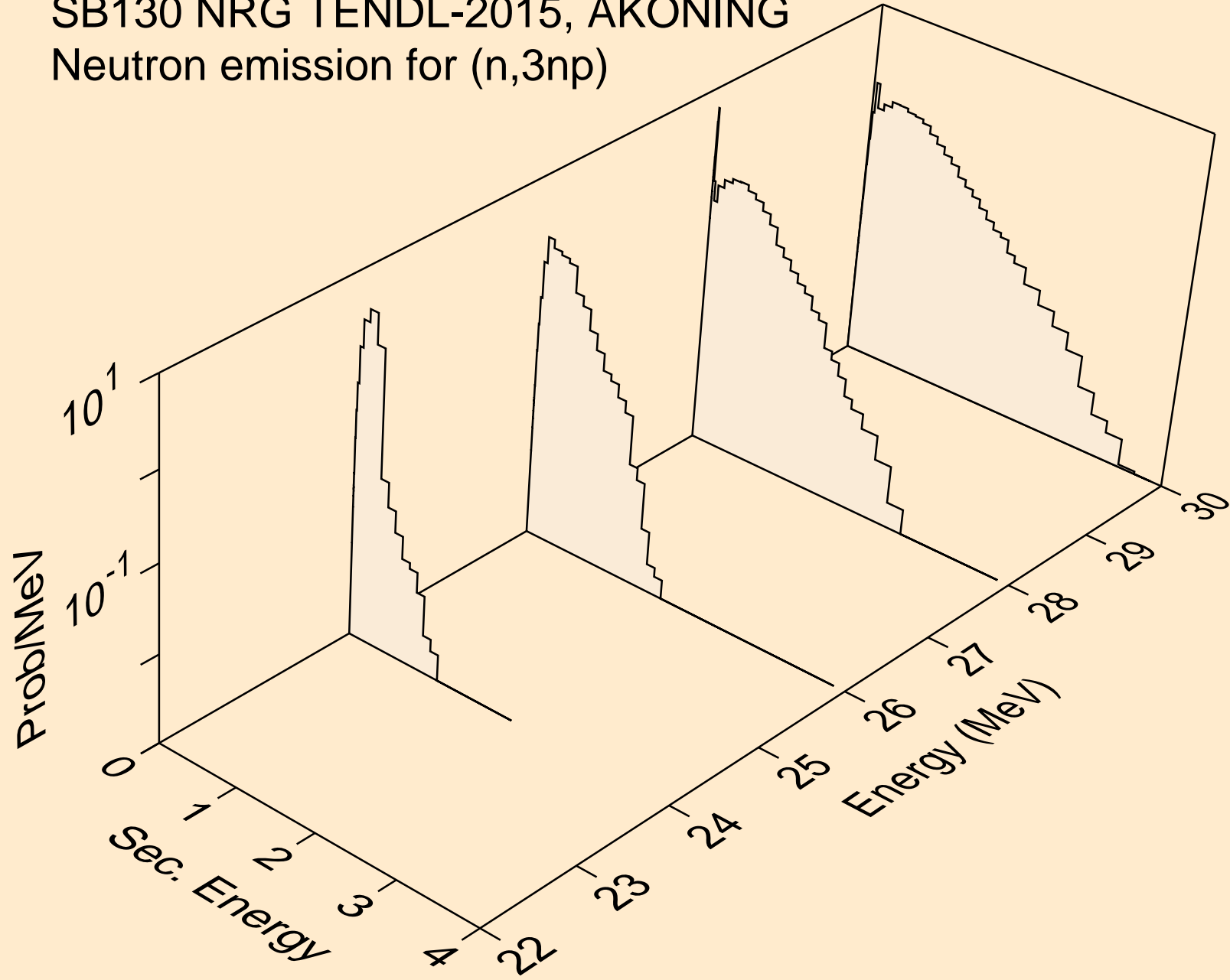


SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

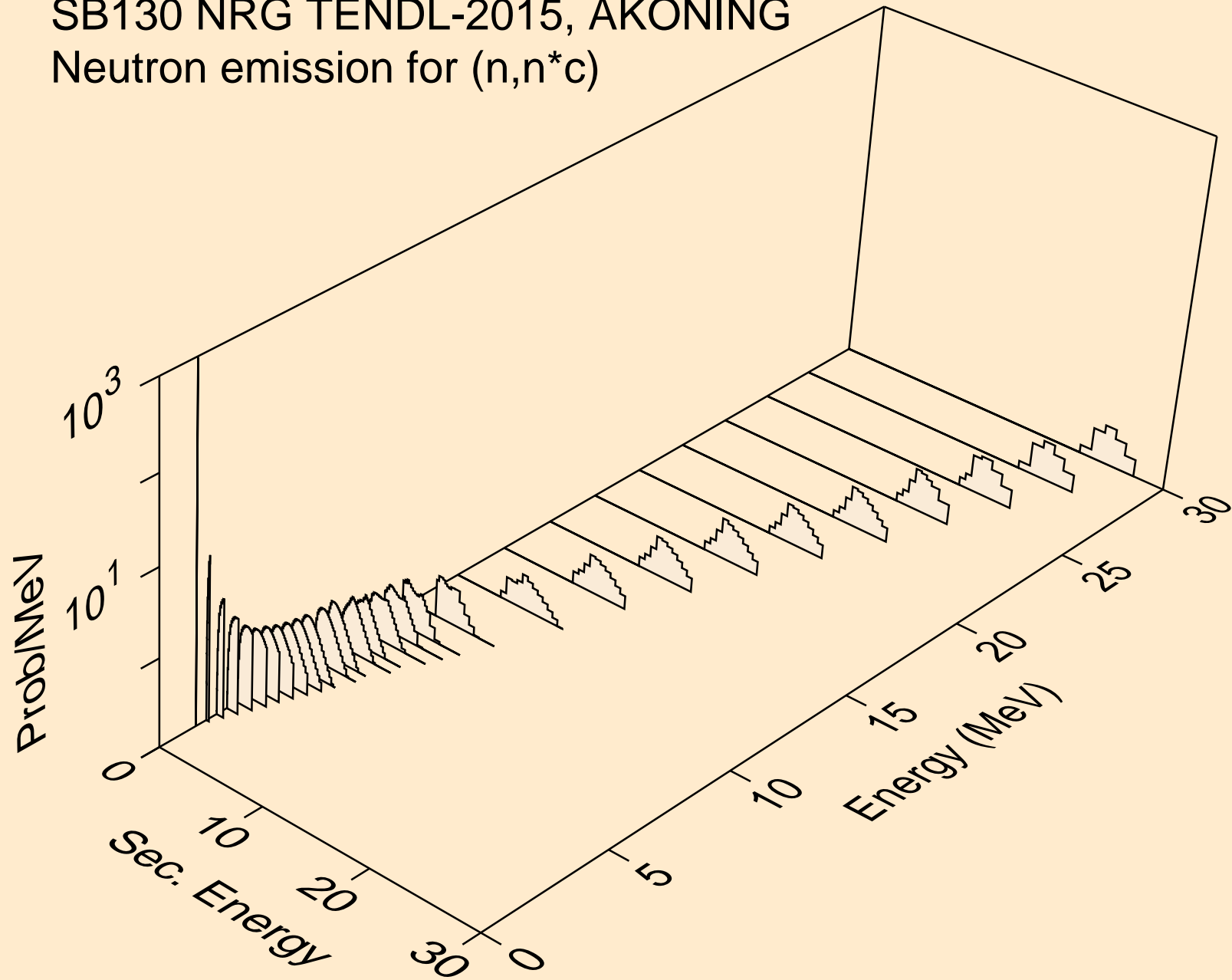




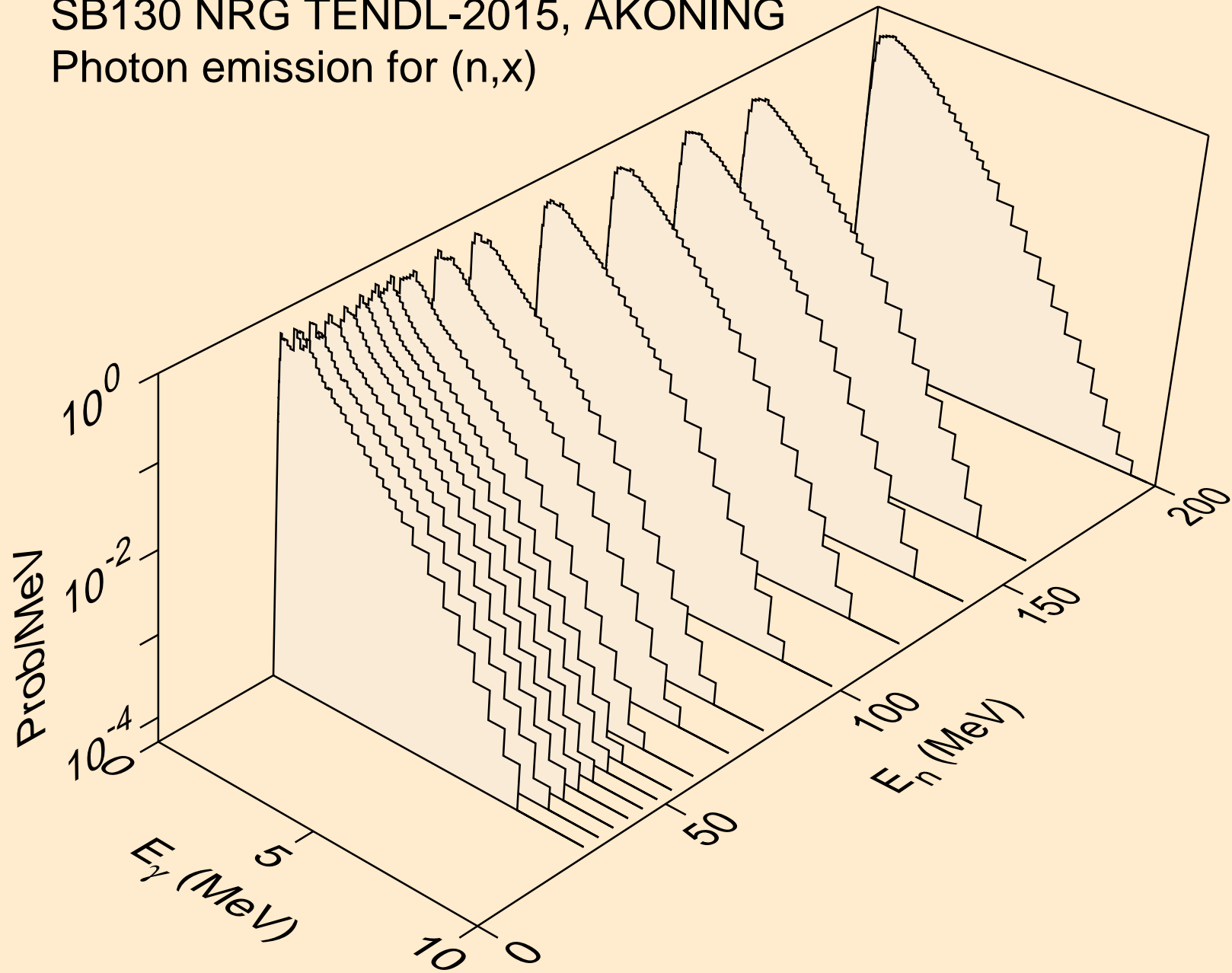
SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



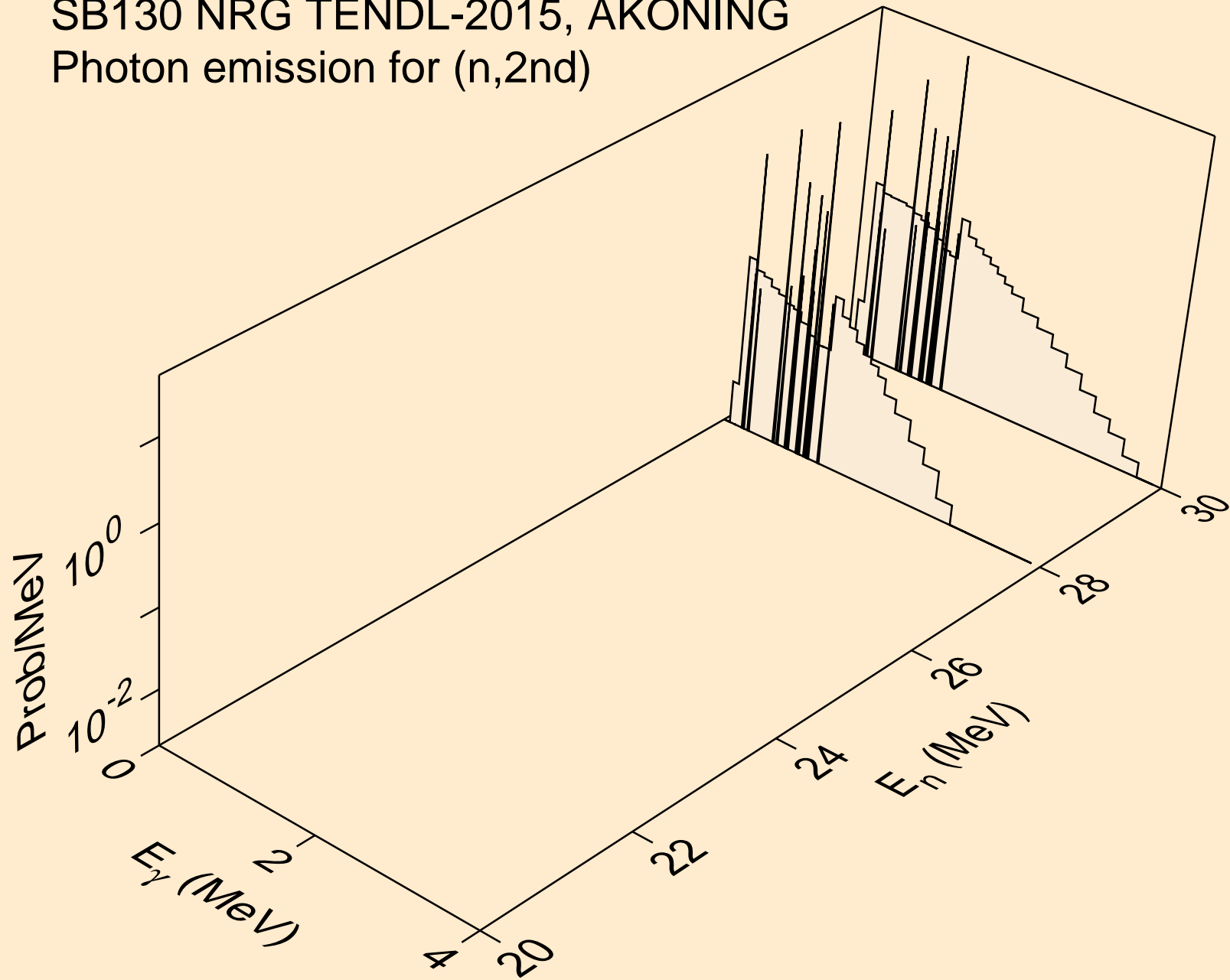
SB130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



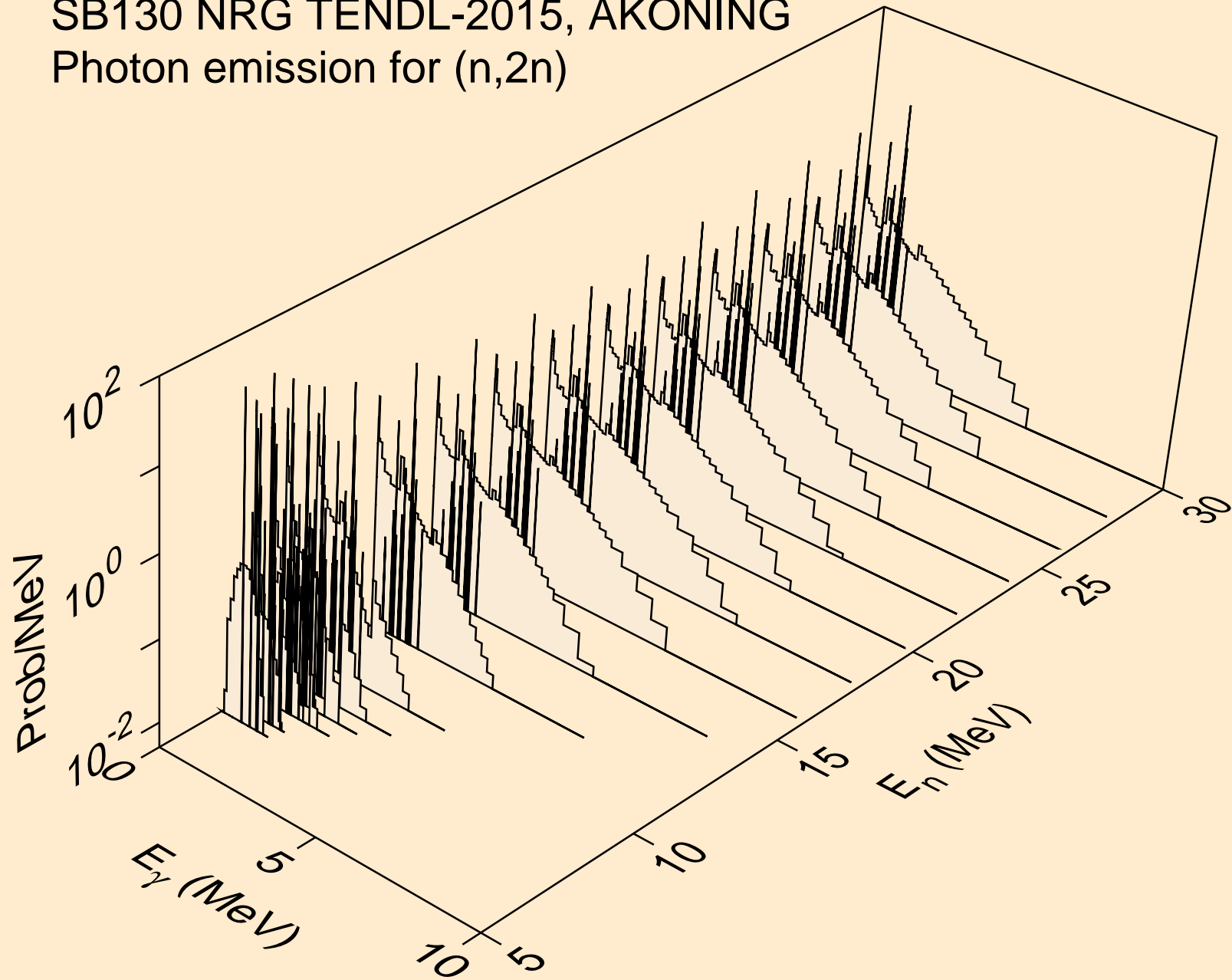
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



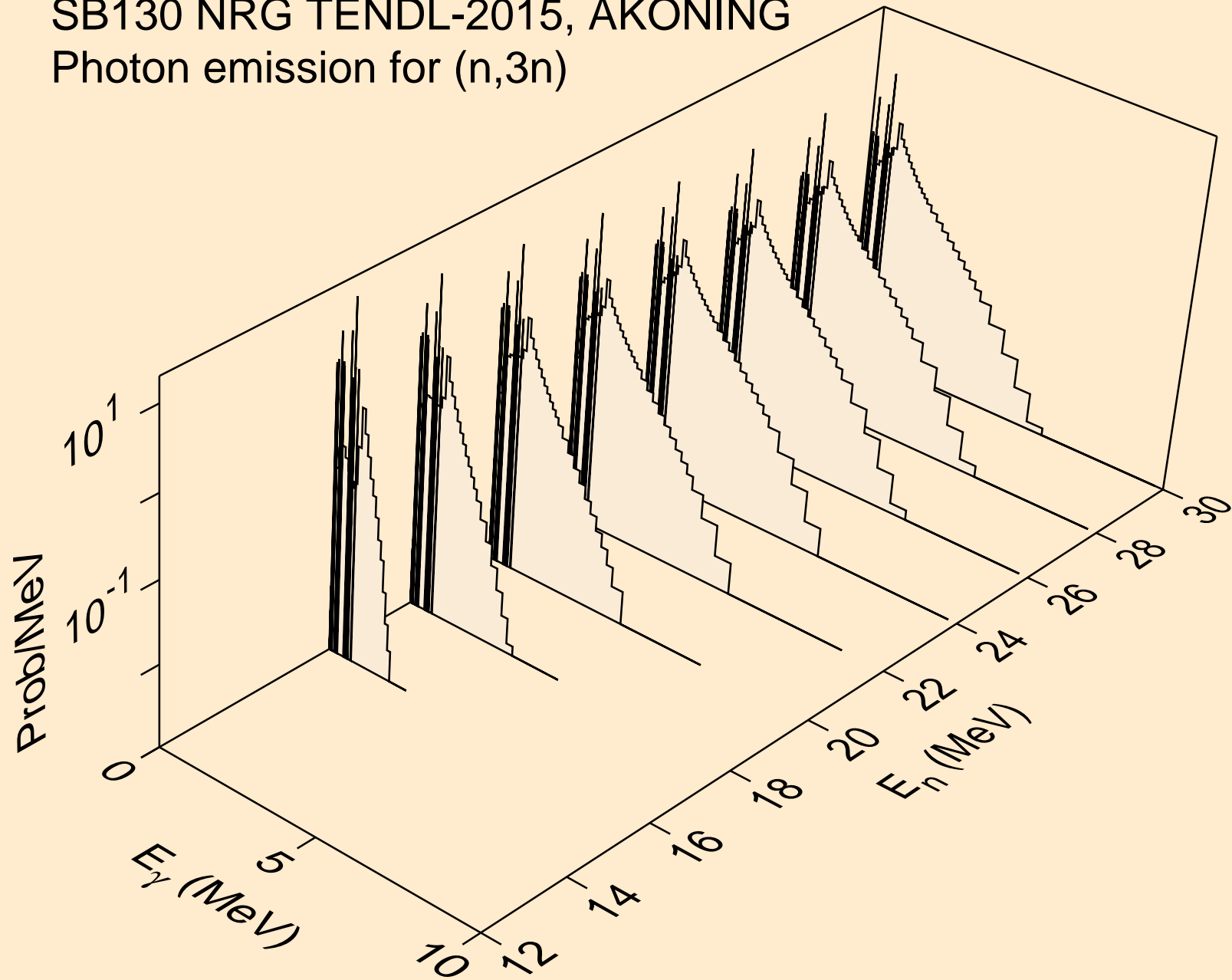
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



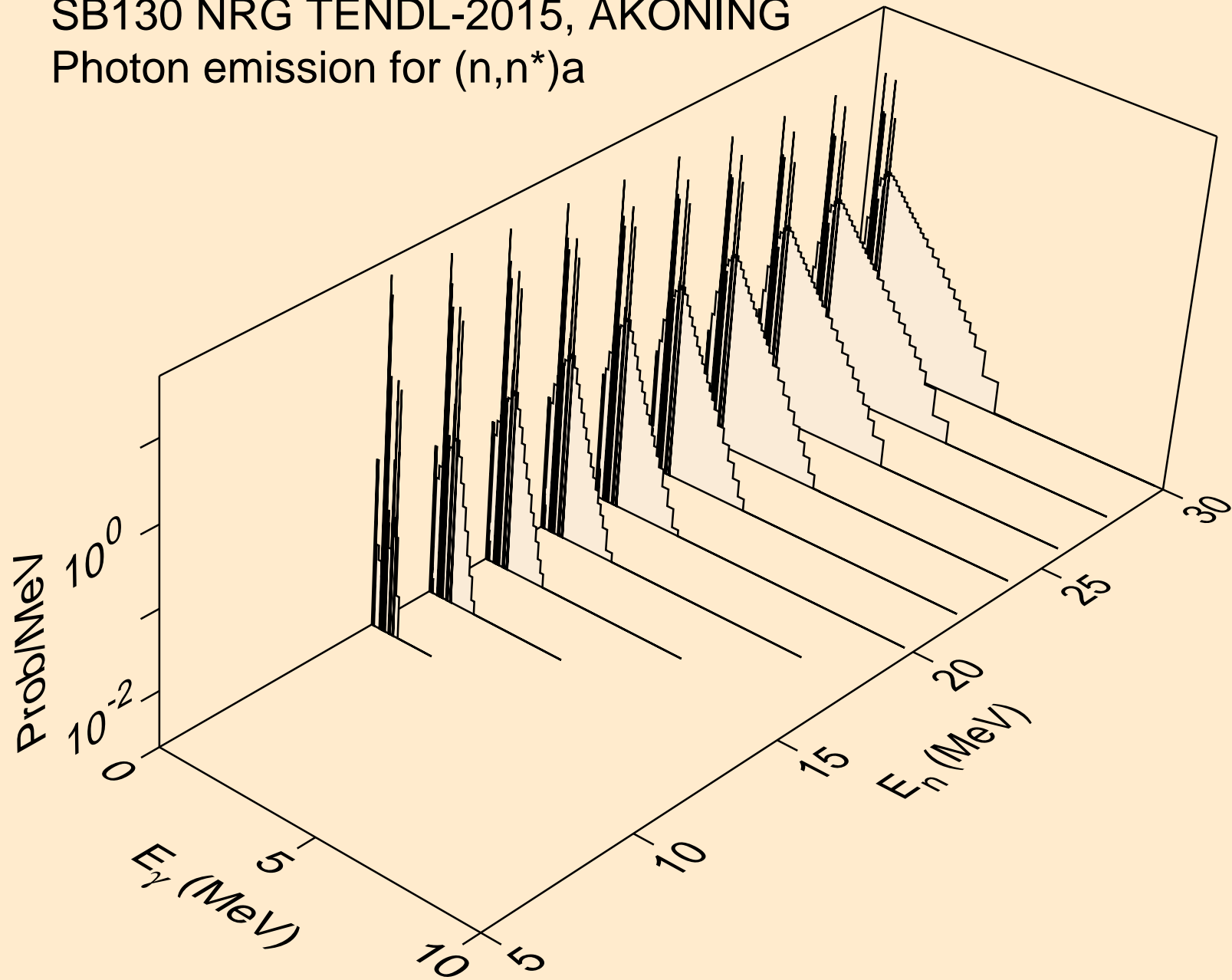
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



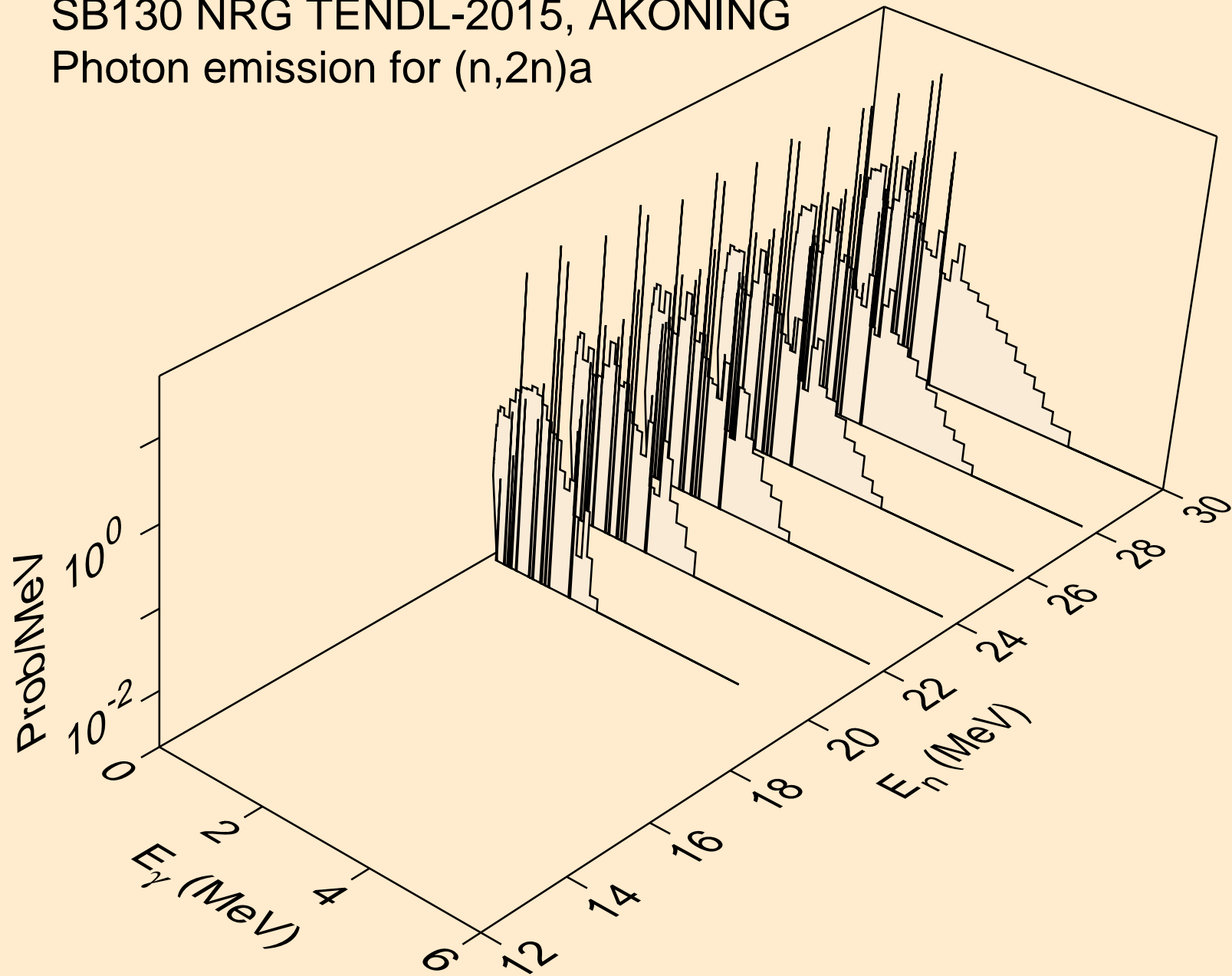
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

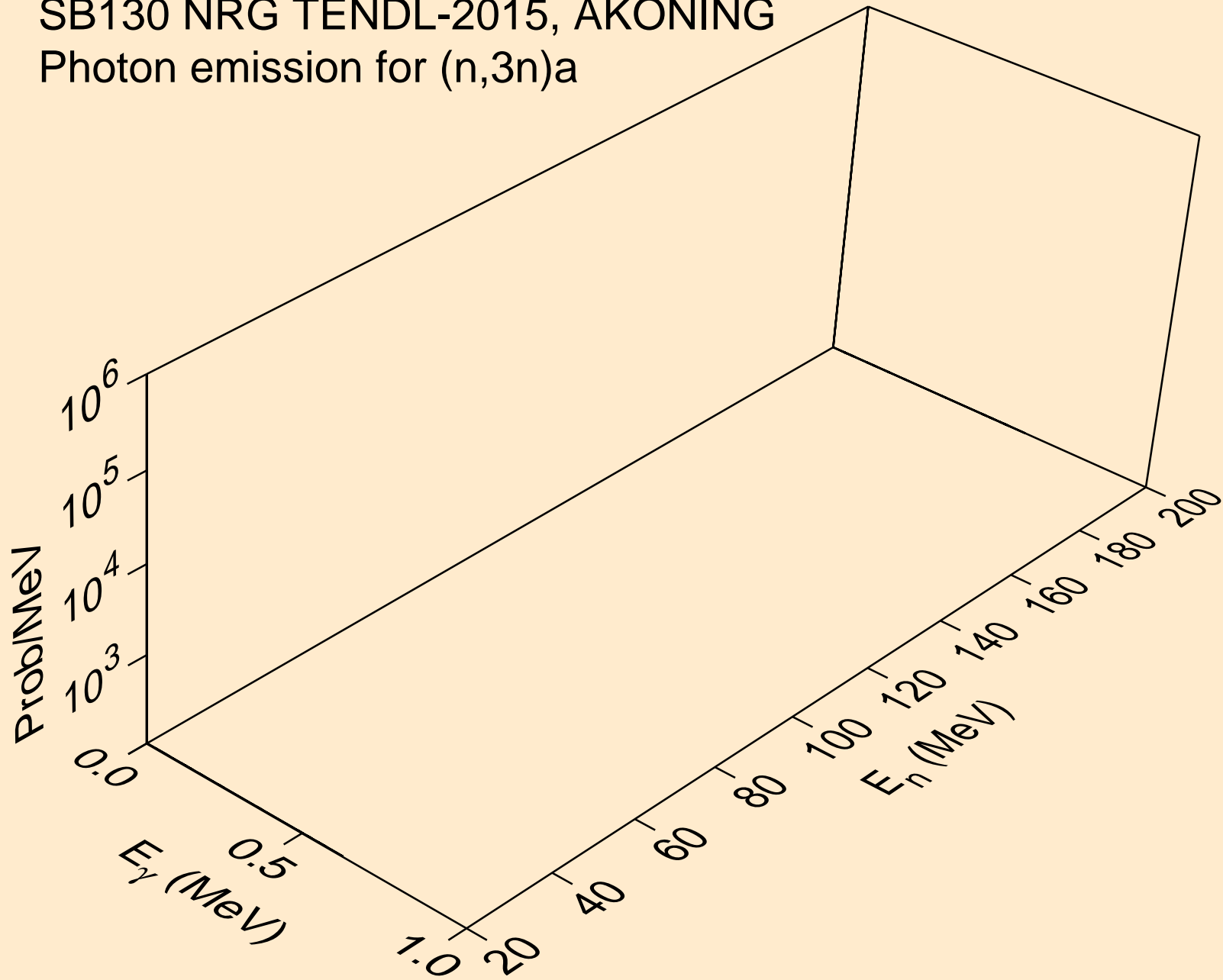


SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

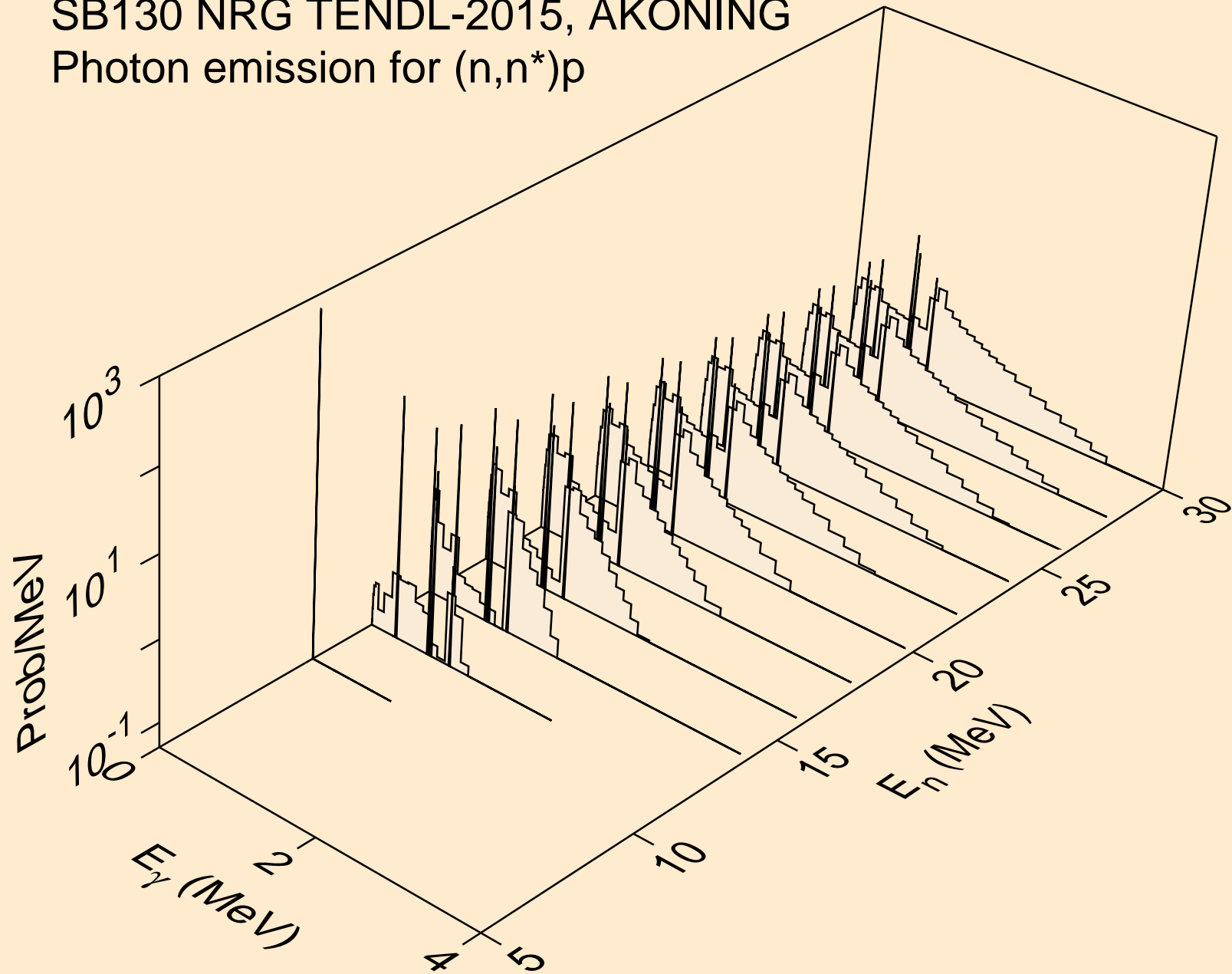




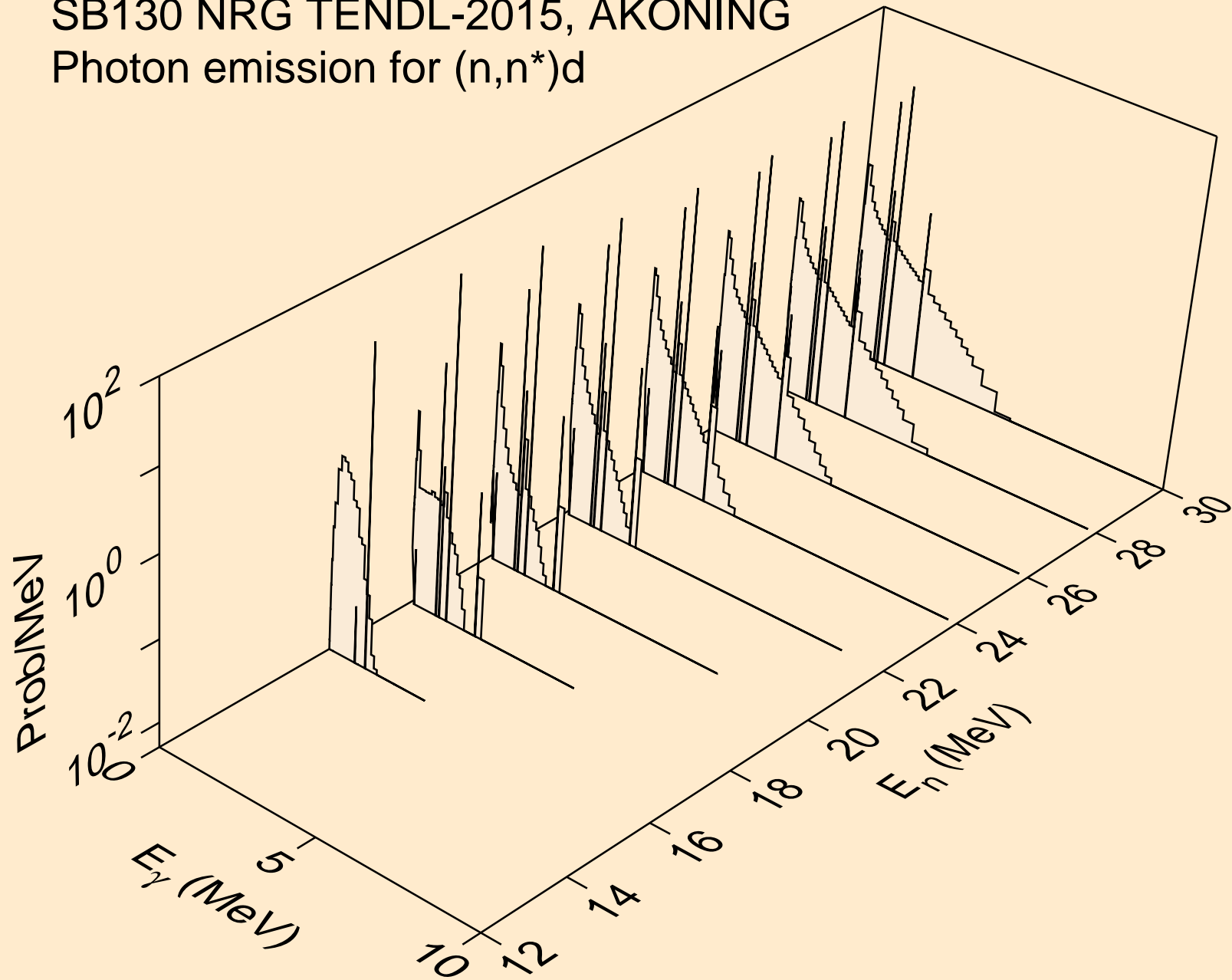
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



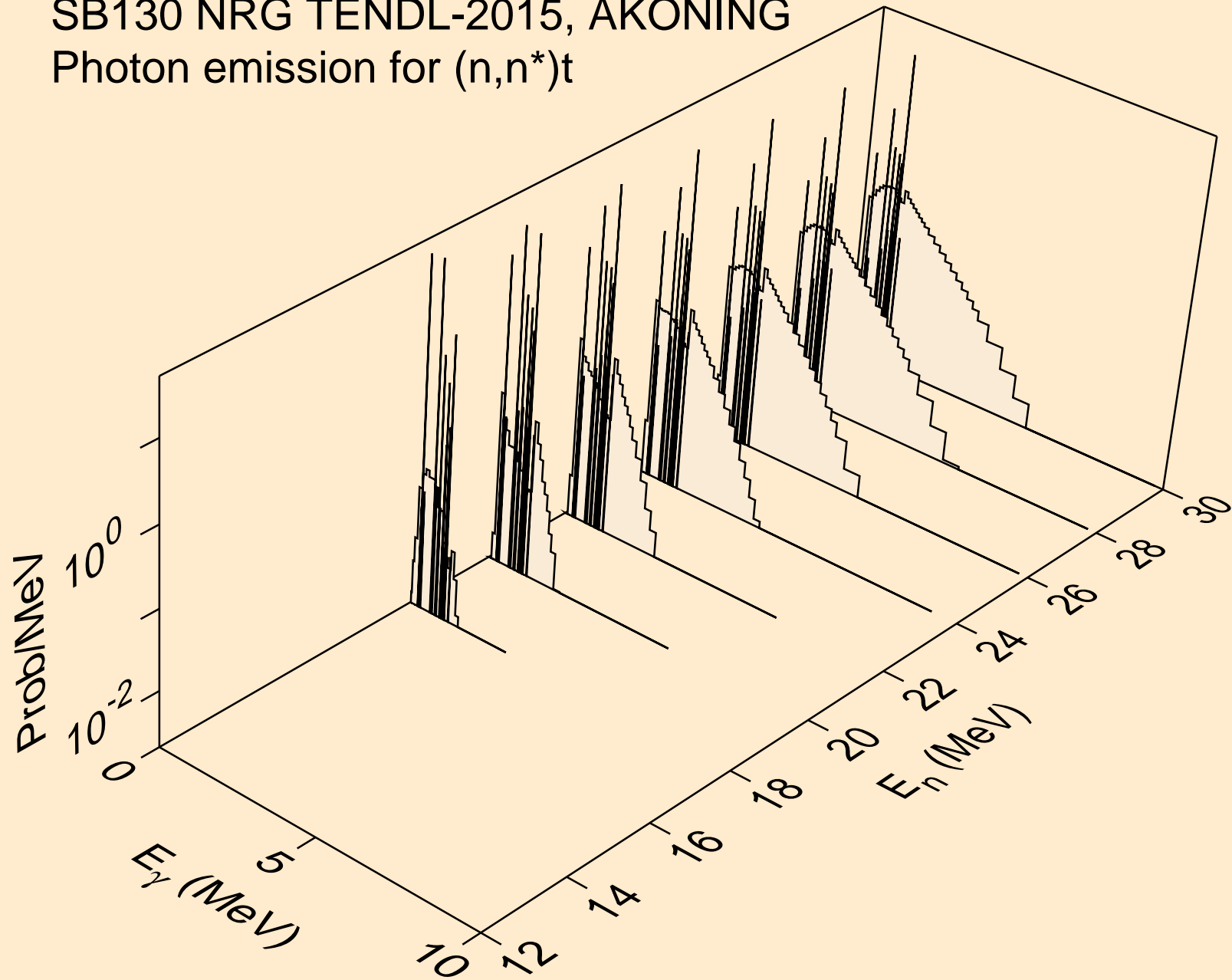
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



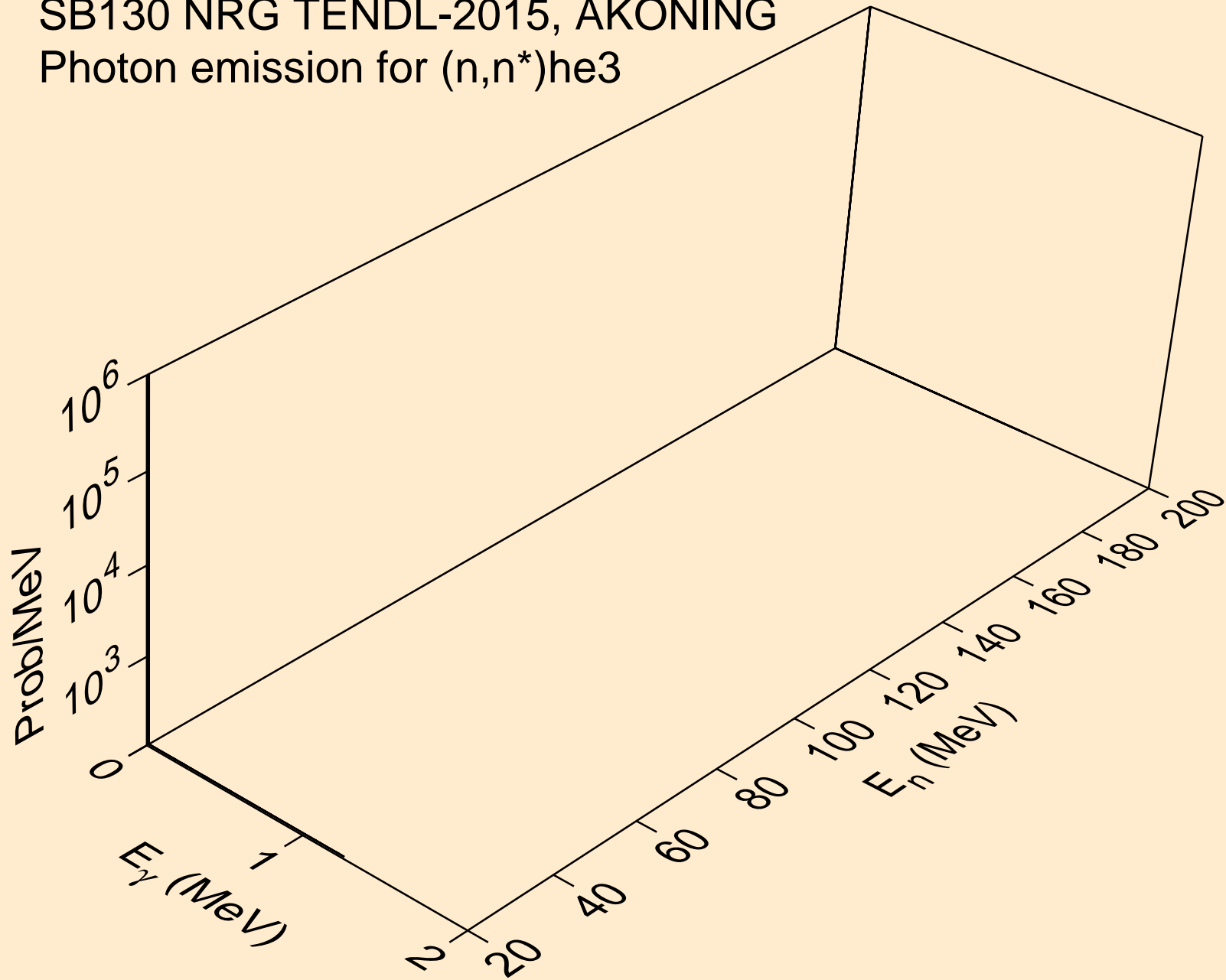
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



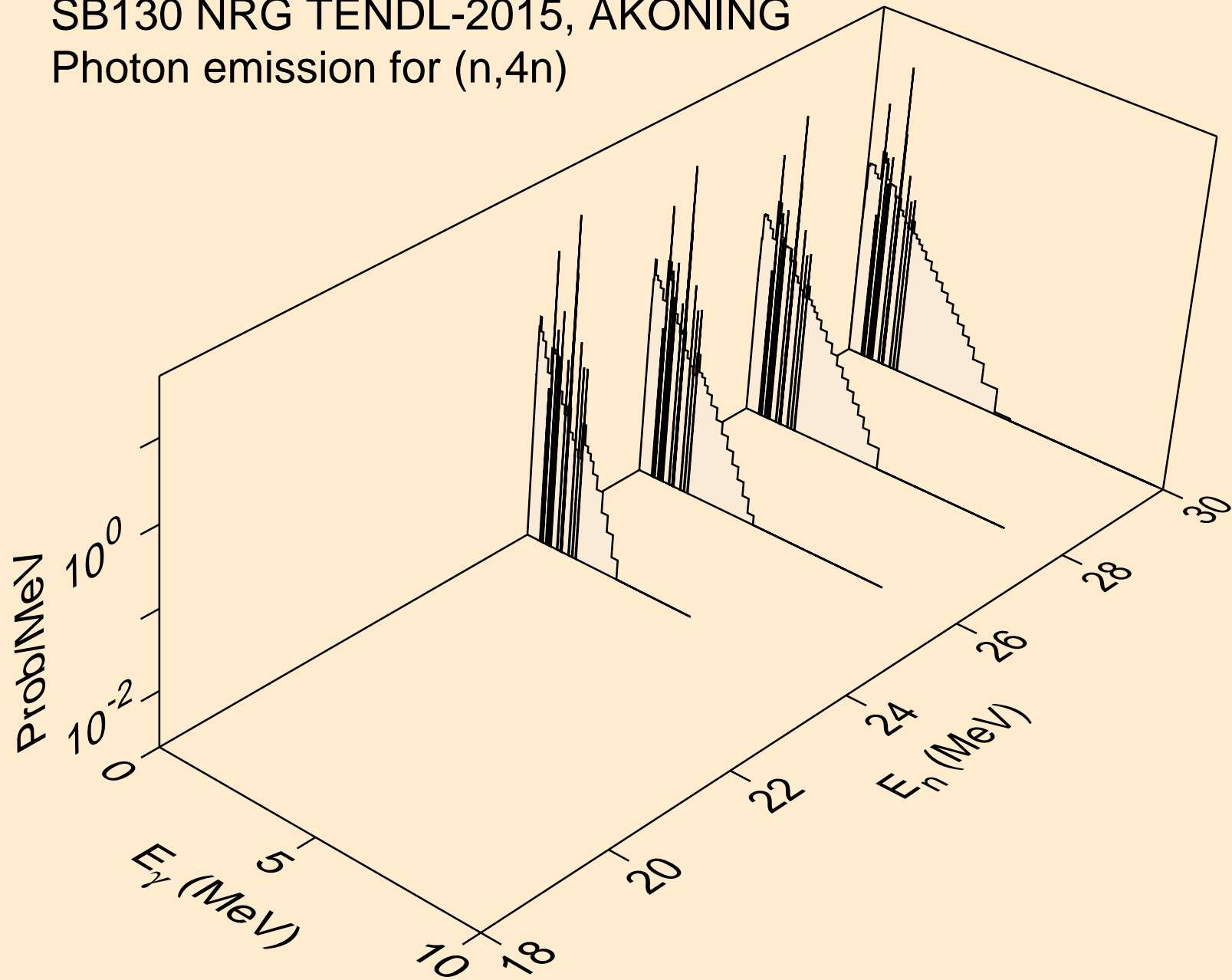
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



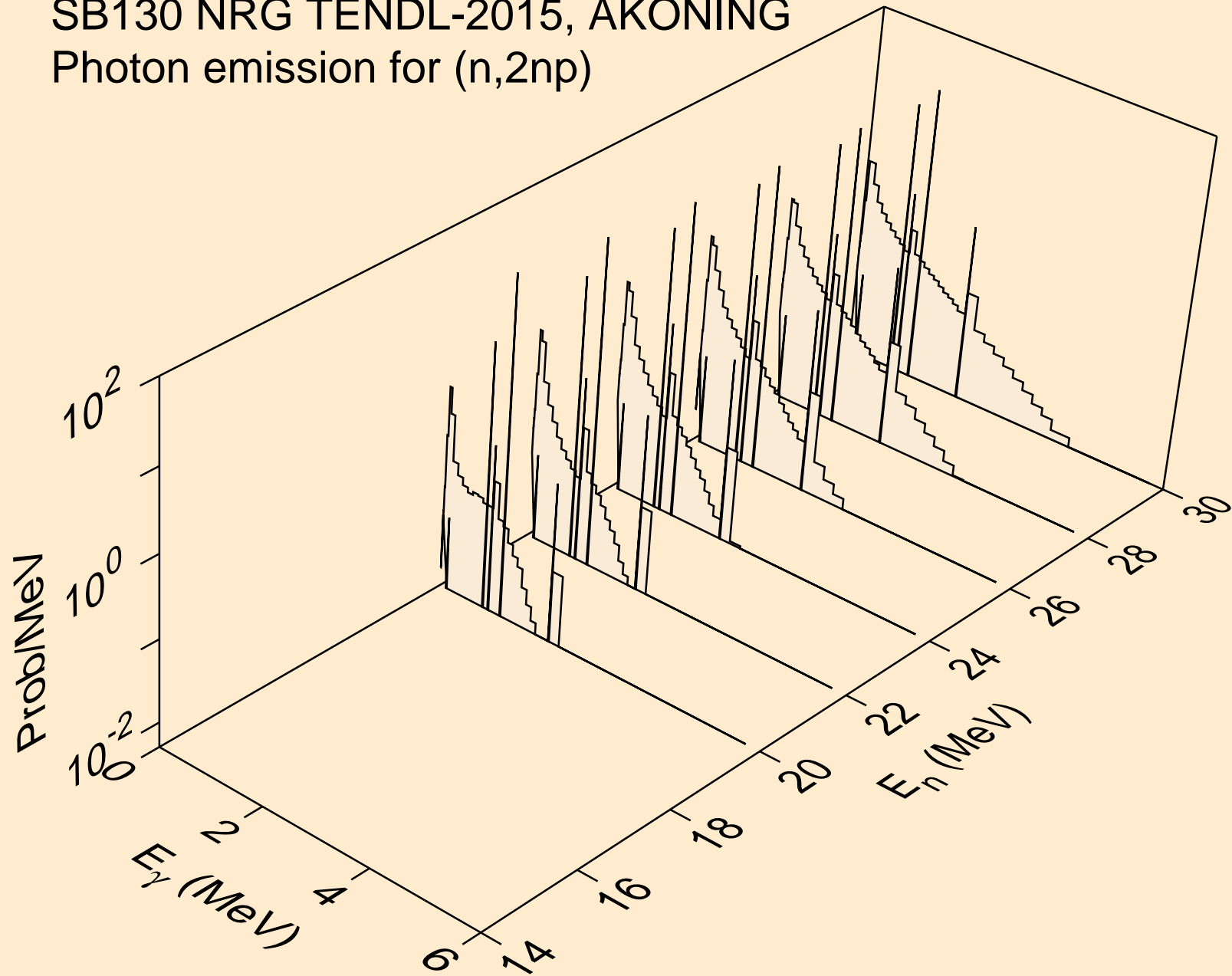
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



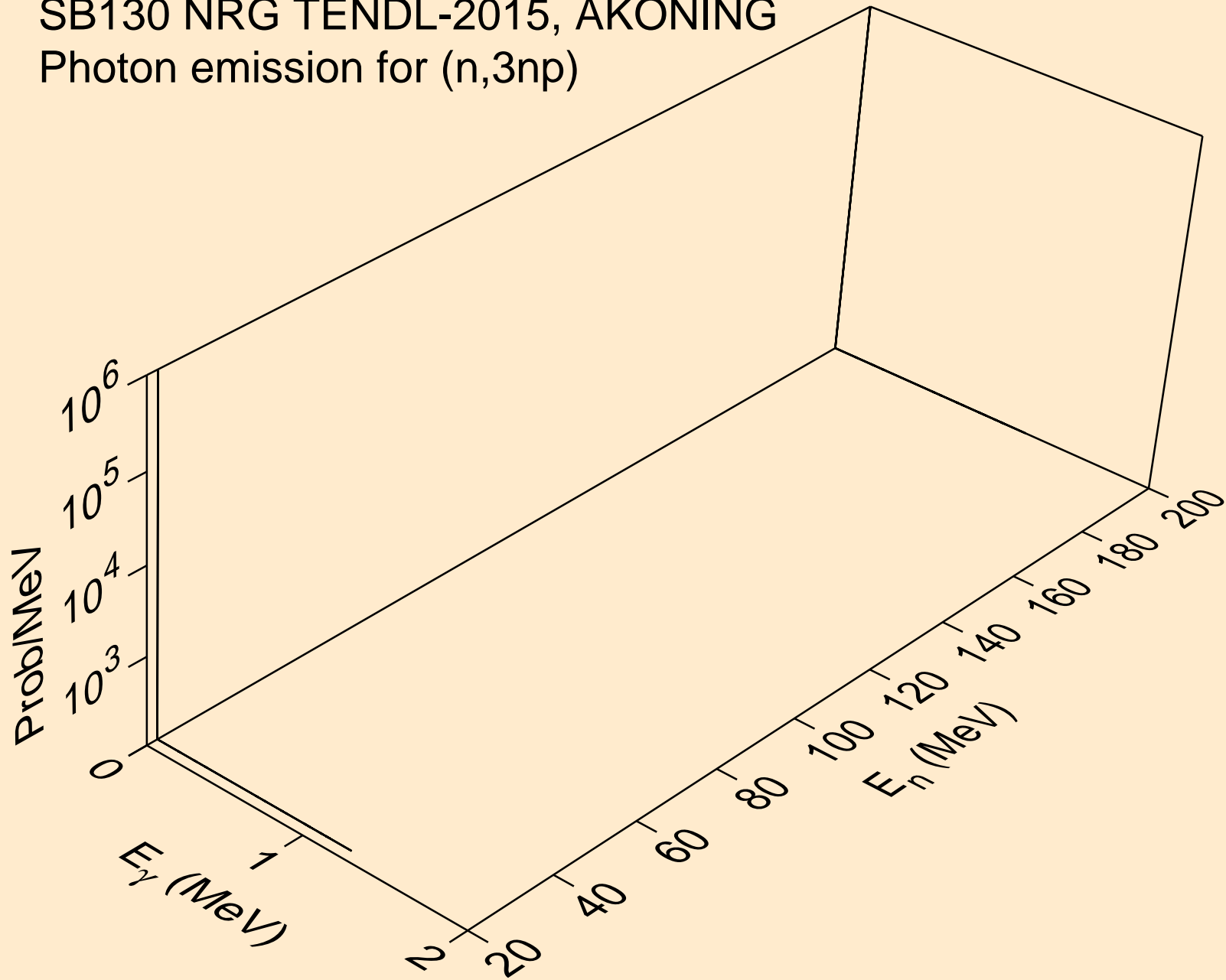
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

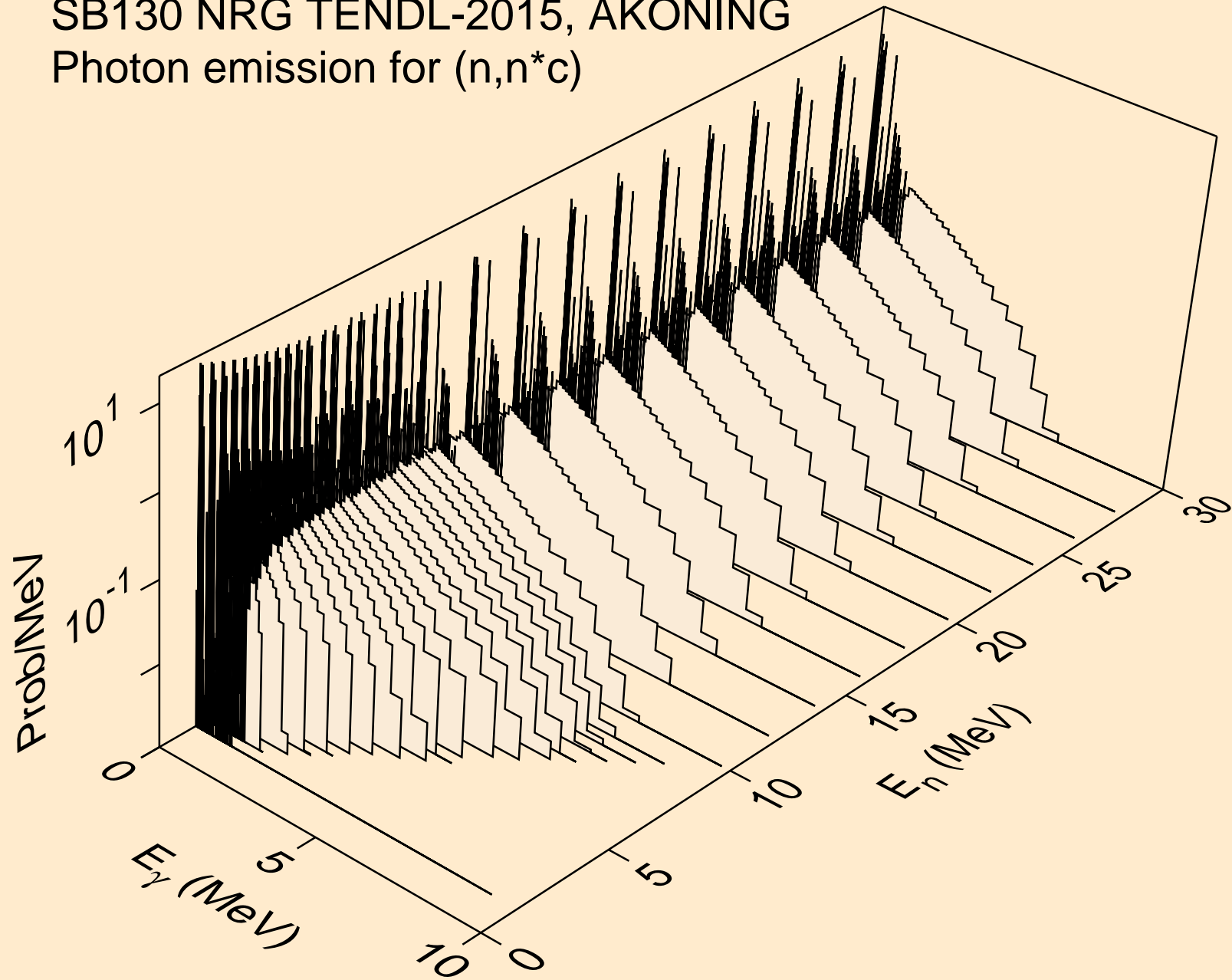


SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

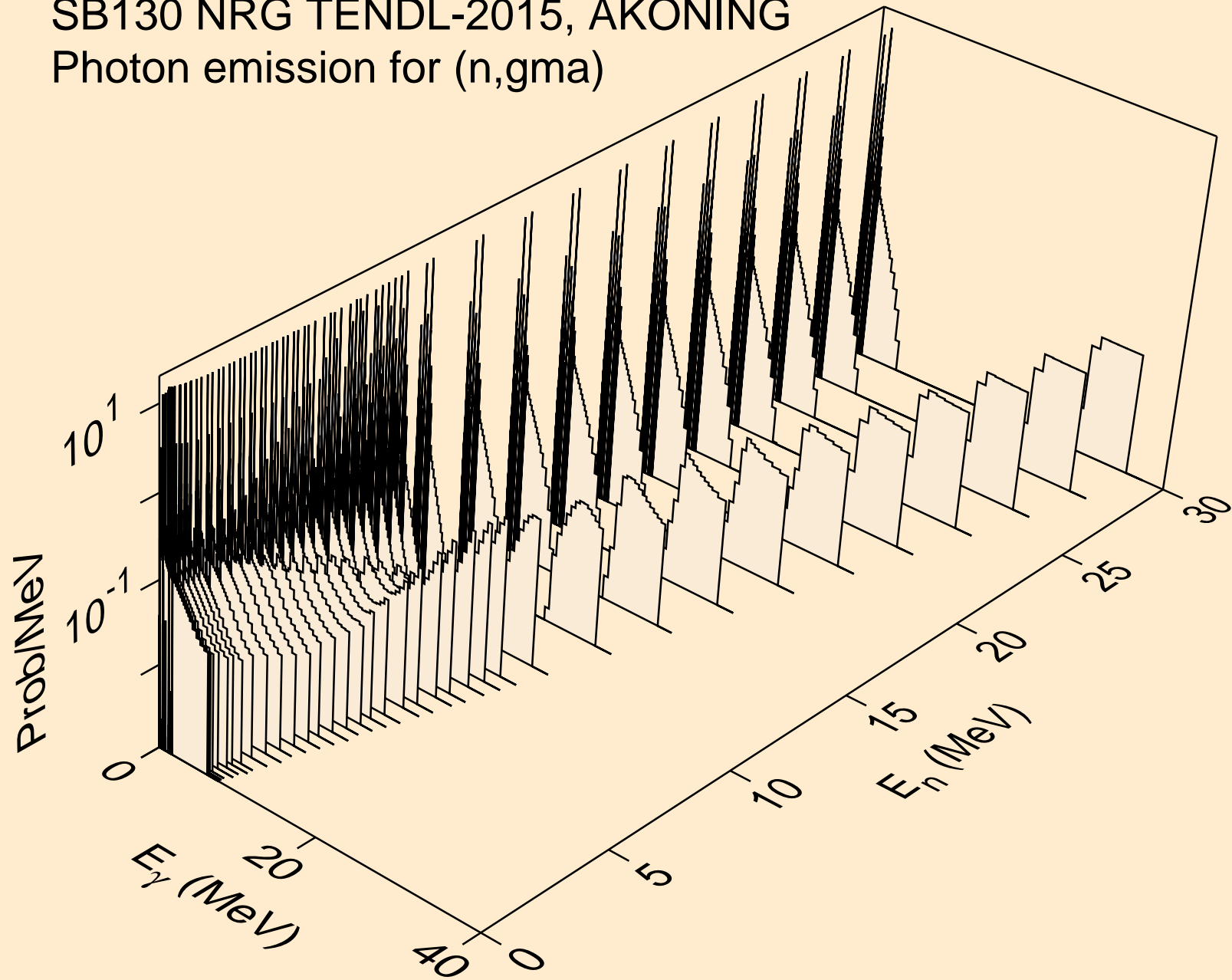




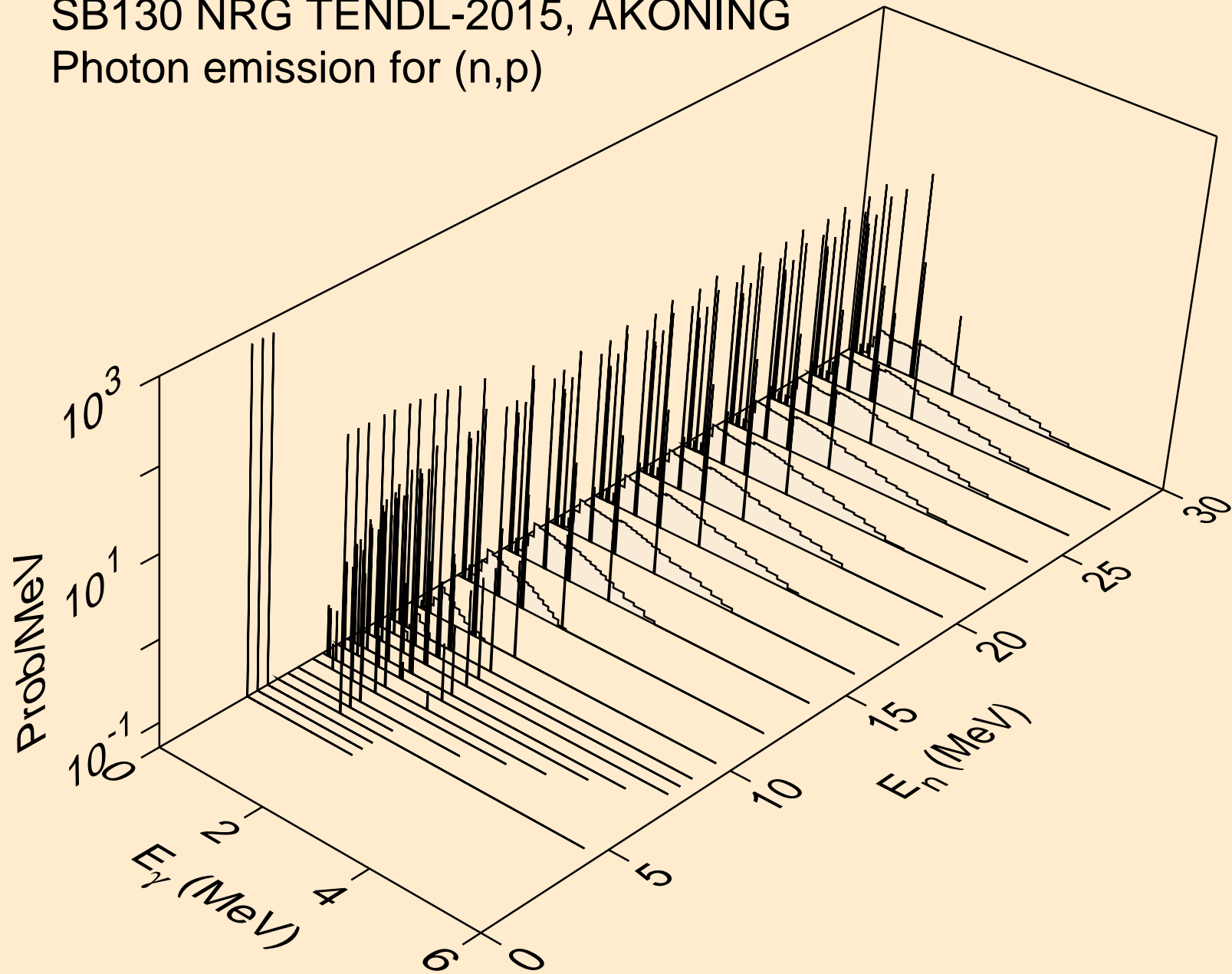
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



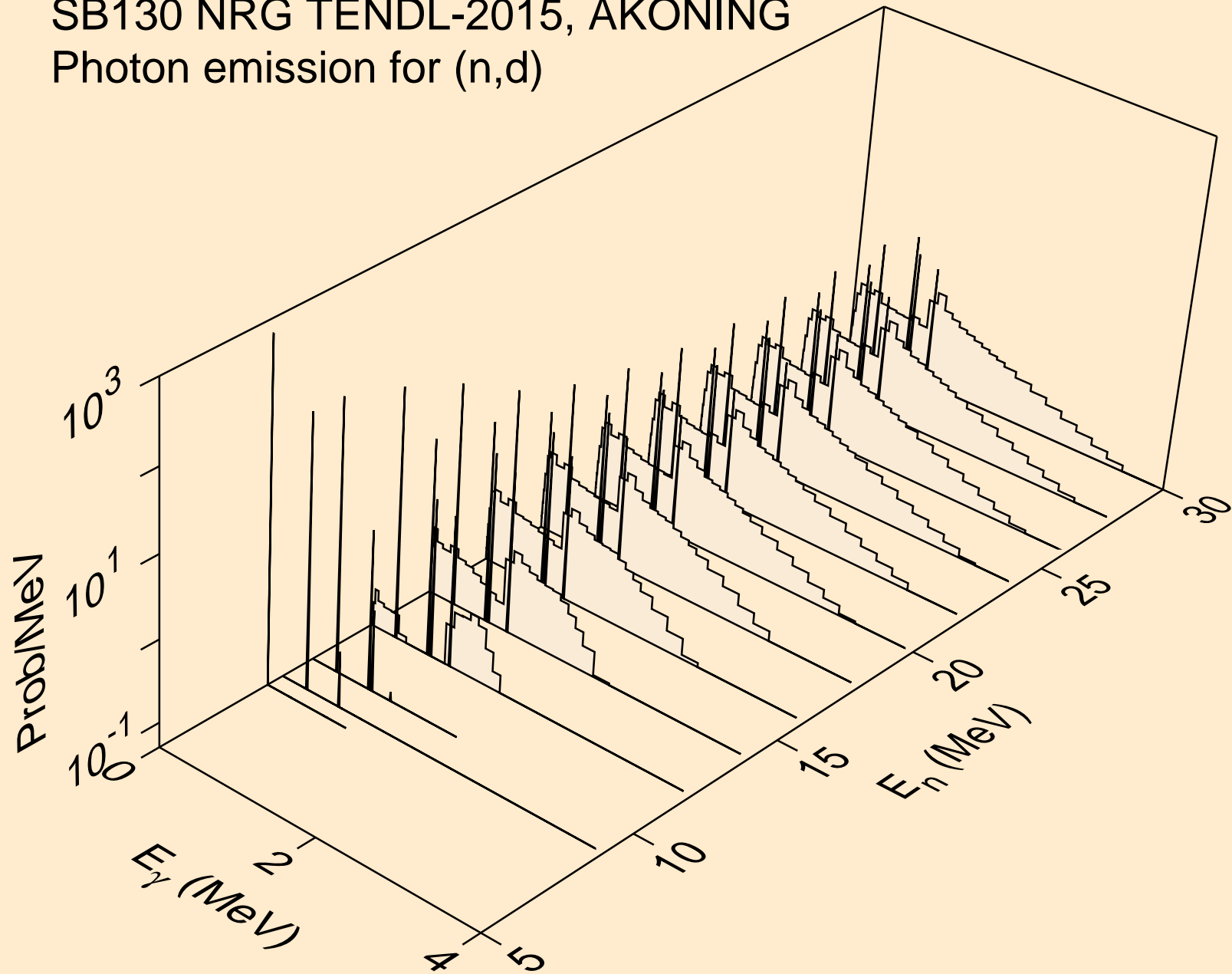
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



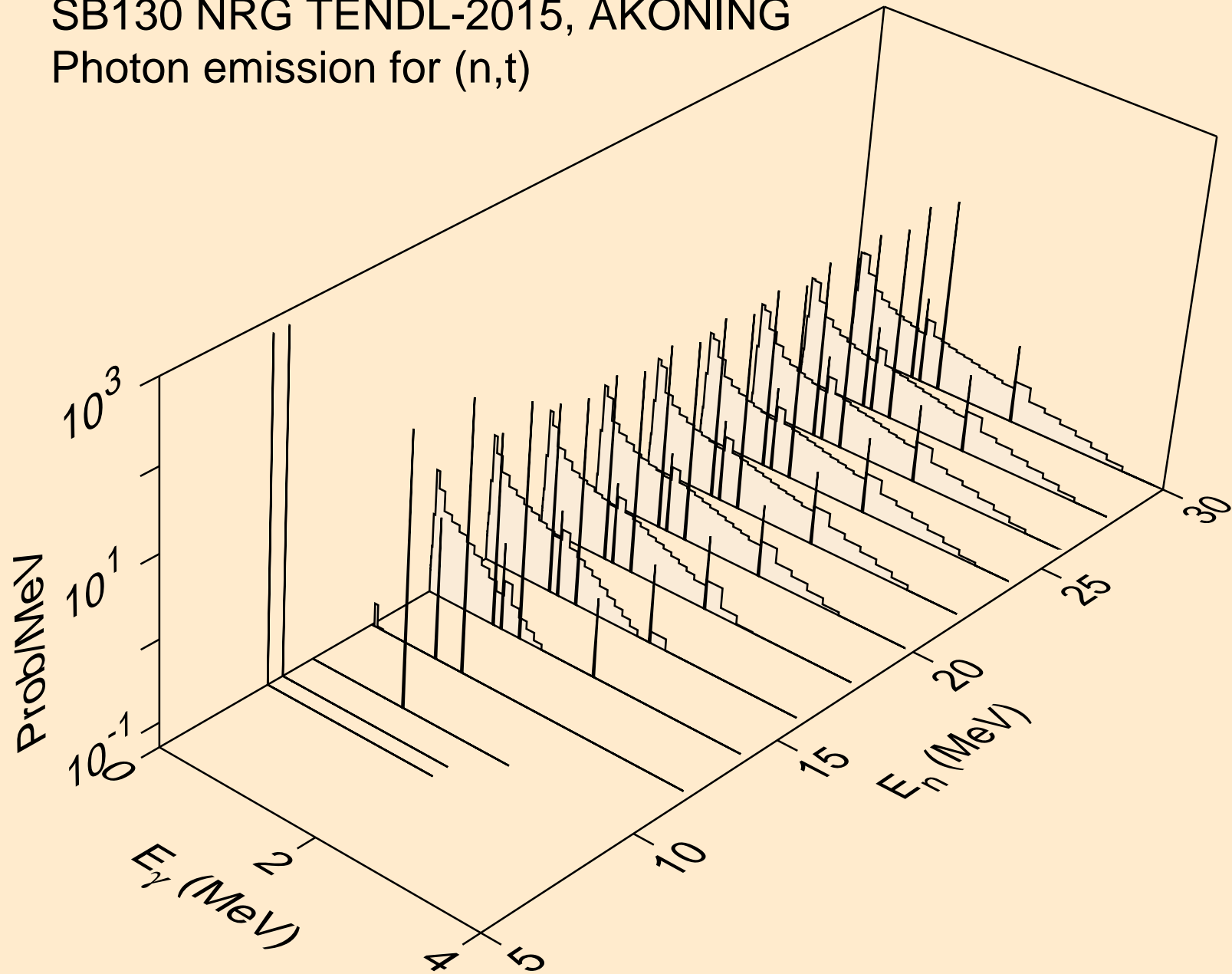
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



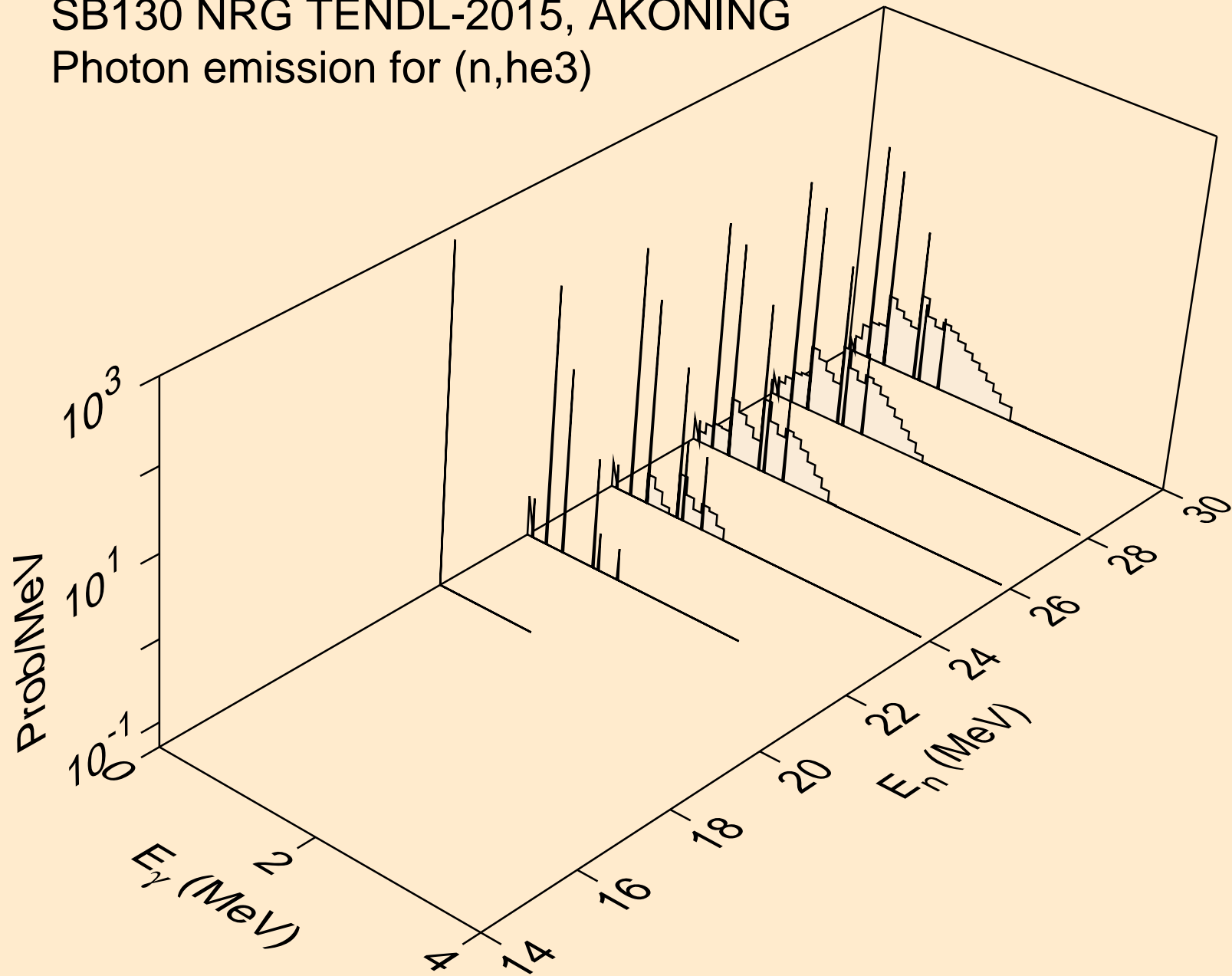
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



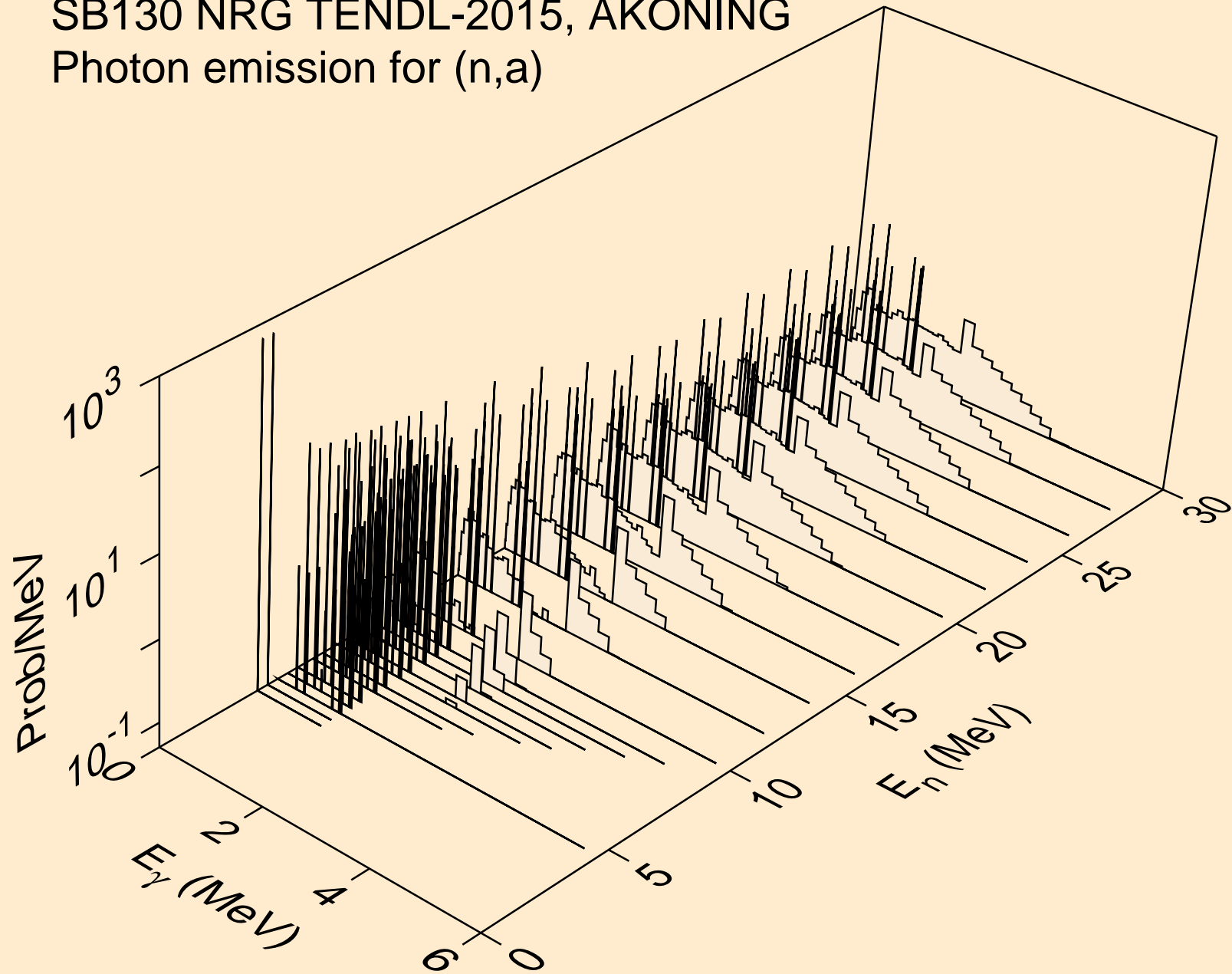
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



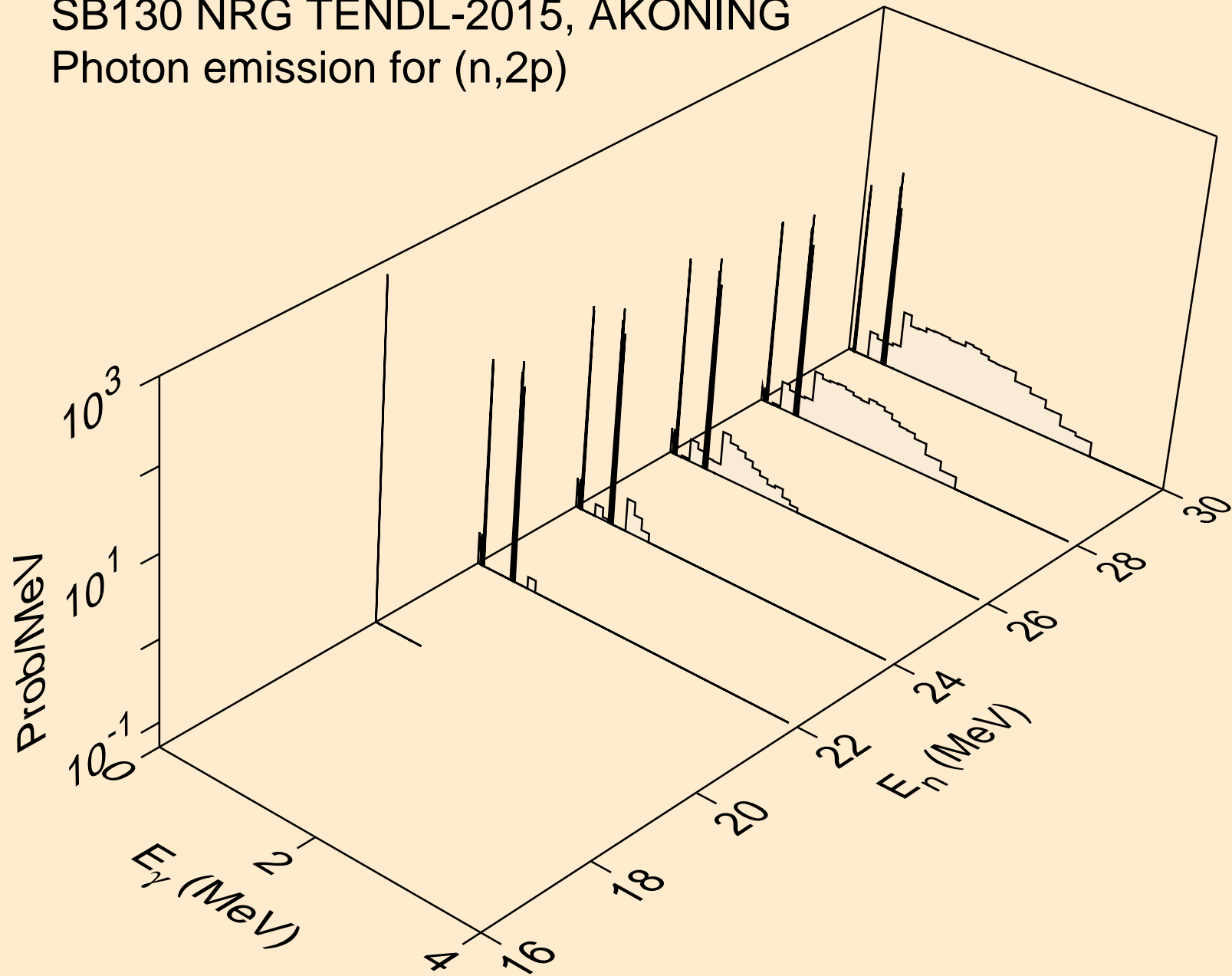
SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

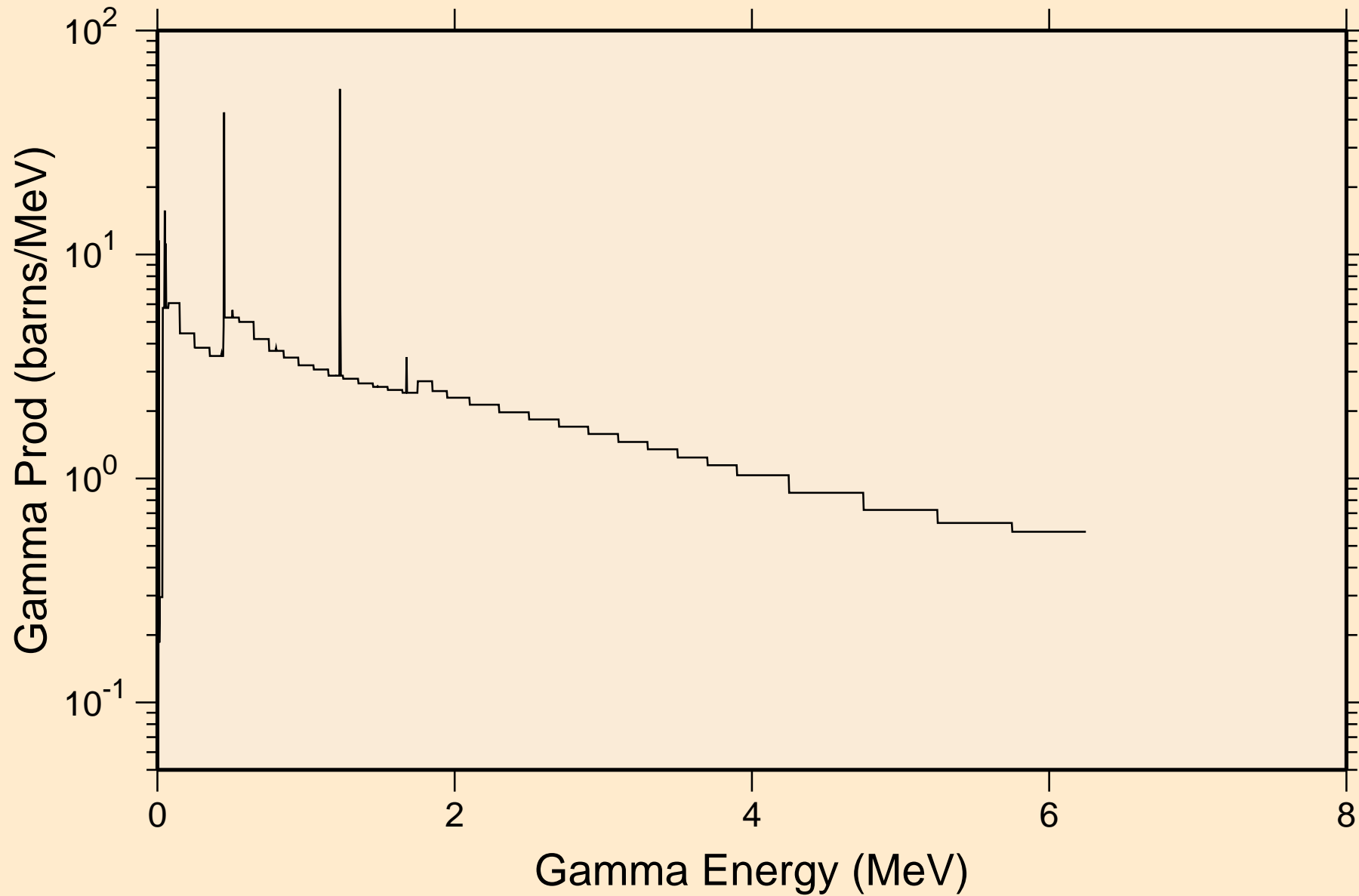


SB130 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

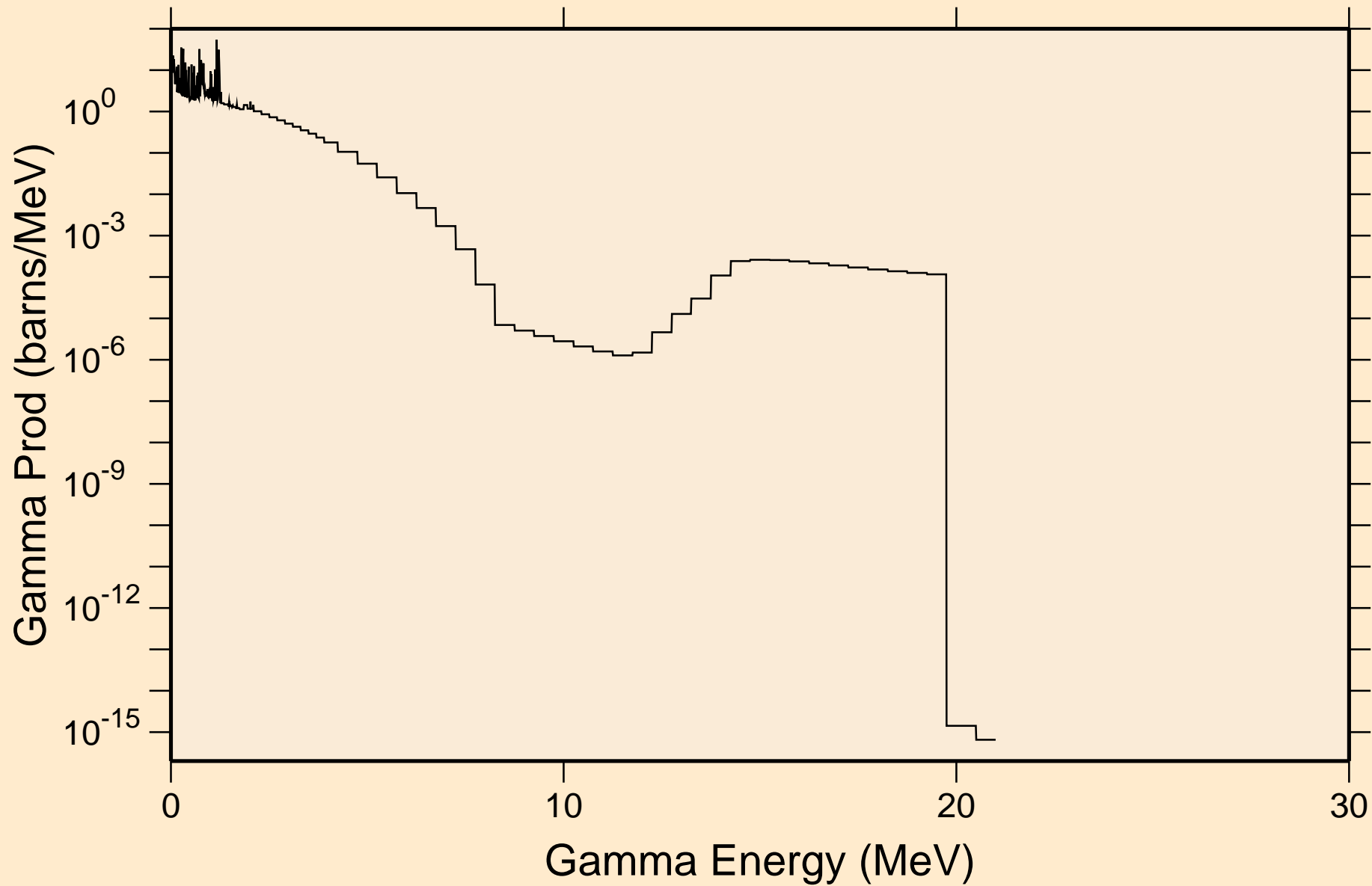




SB130 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

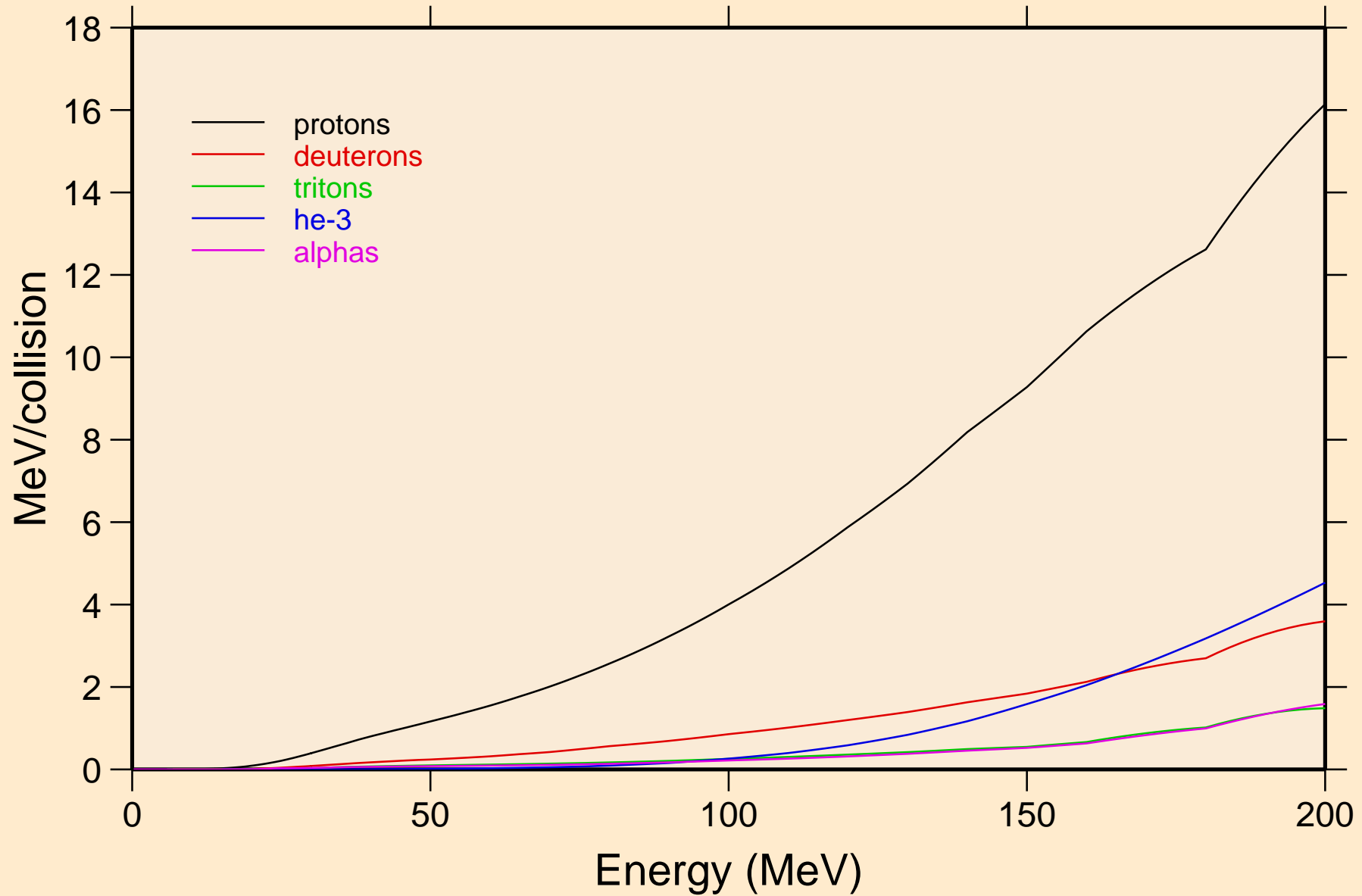


SB130 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



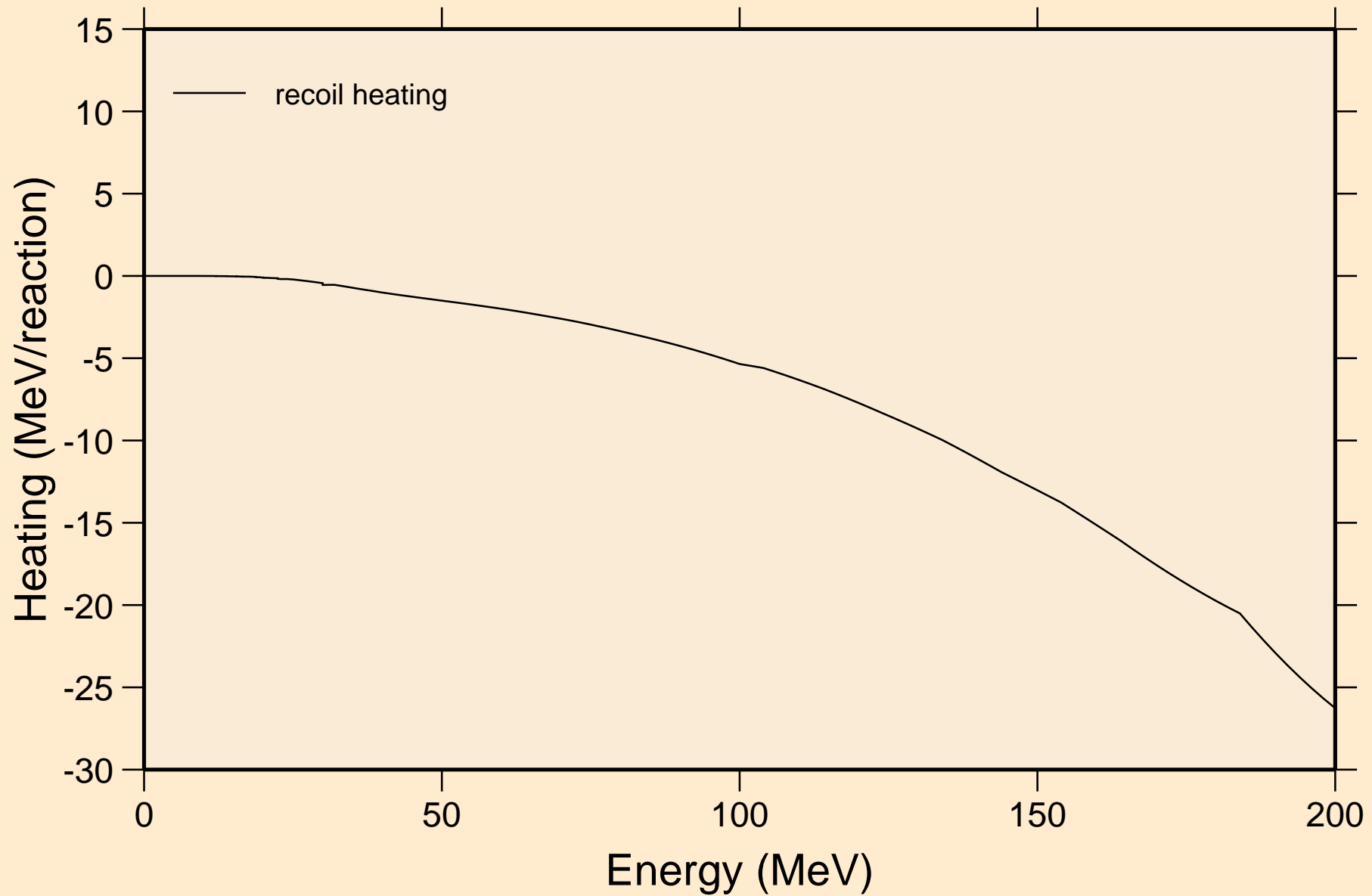
# SB130 NRG TENDL-2015, AKONING

## Particle heating contributions



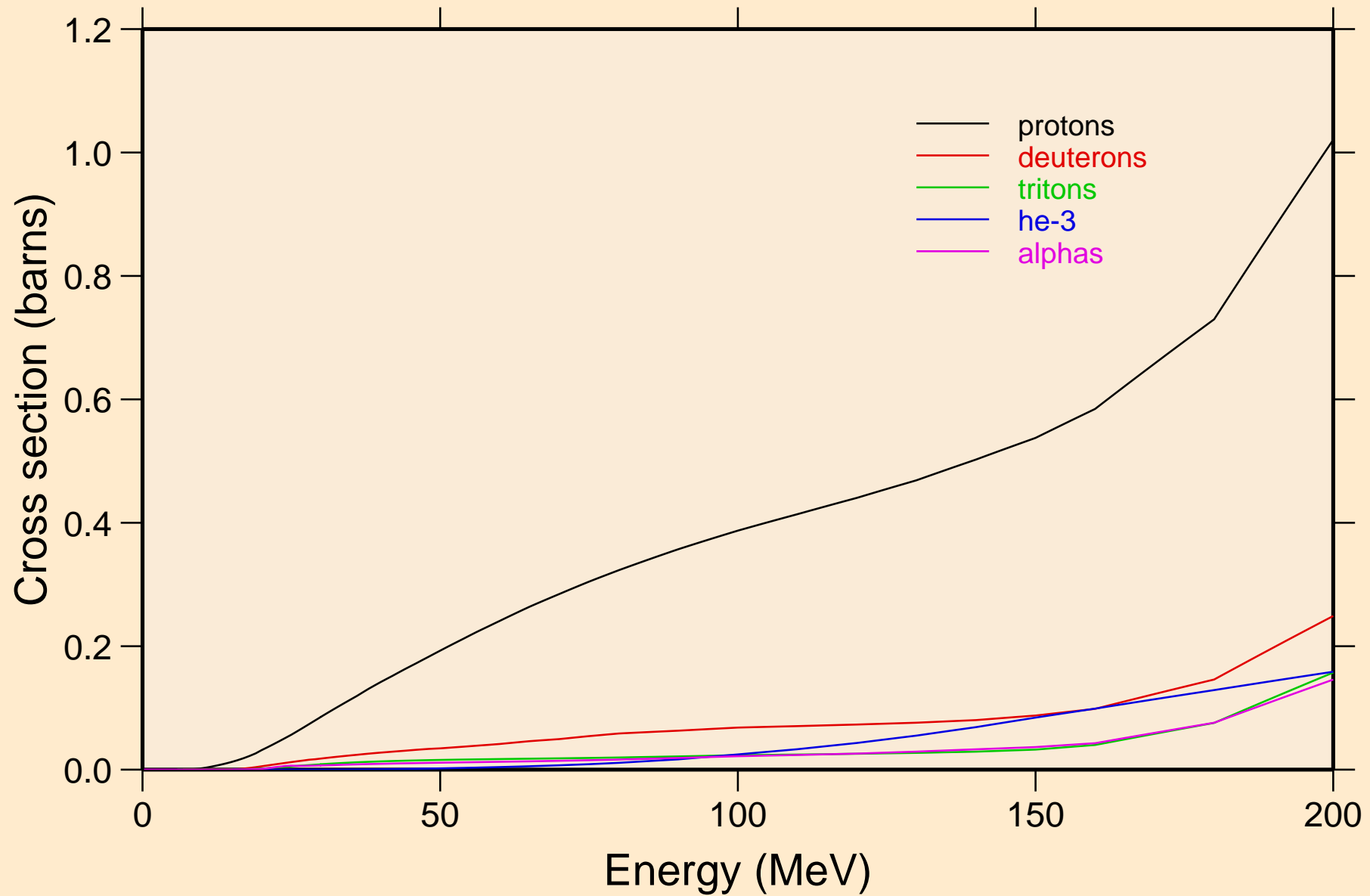
# SB130 NRG TENDL-2015, AKONING

## Recoil Heating

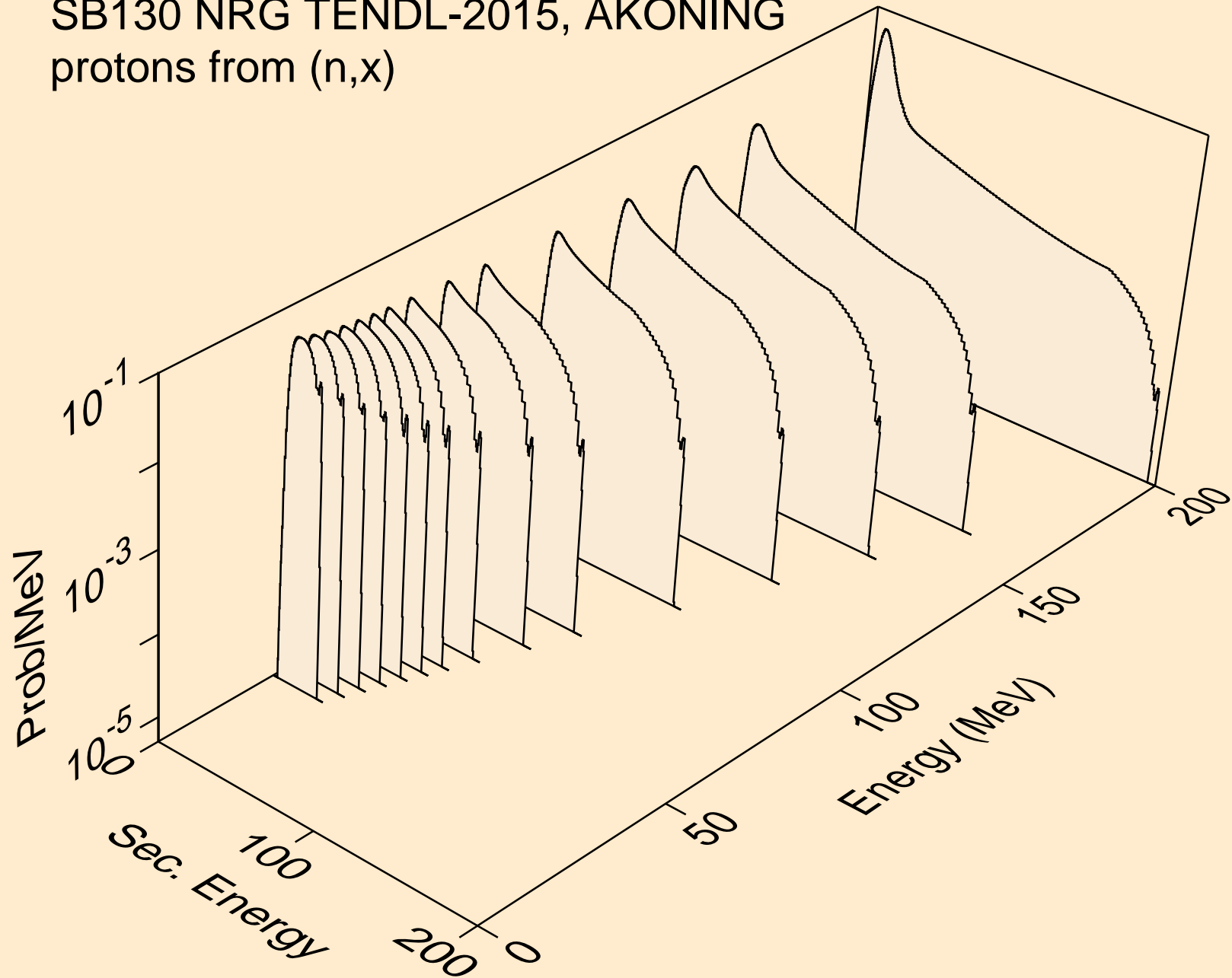


# SB130 NRG TENDL-2015, AKONING

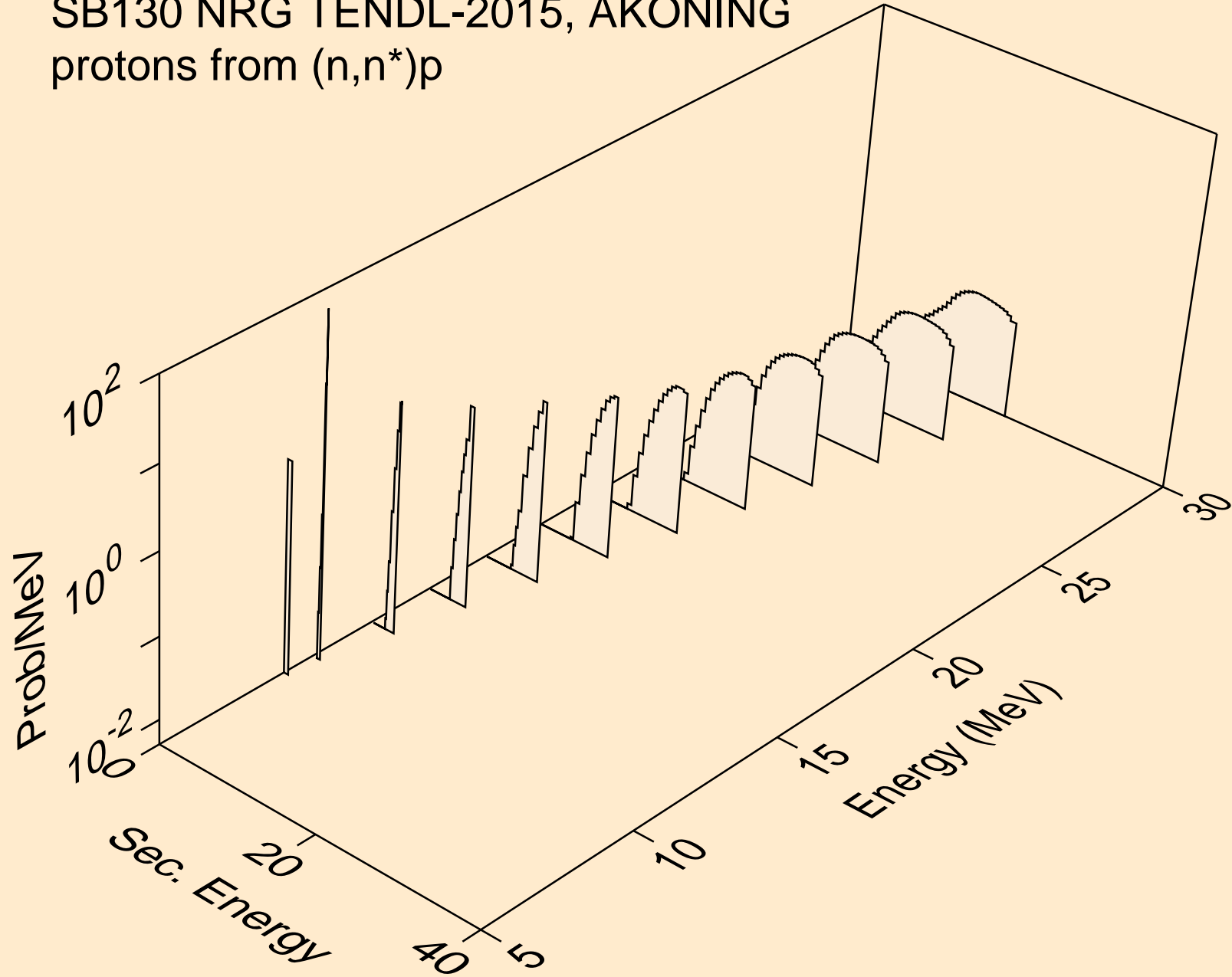
## Particle production cross sections



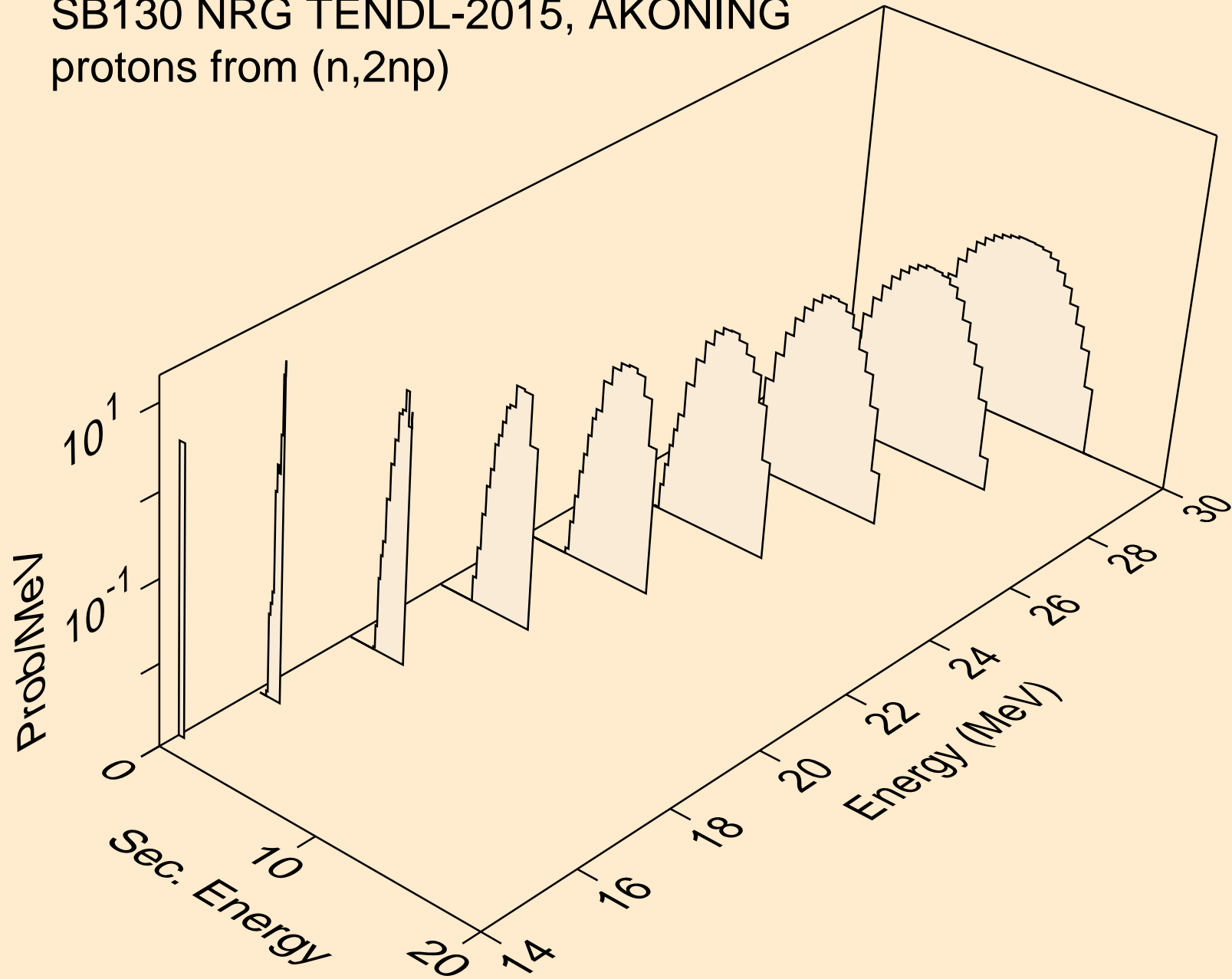
SB130 NRG TENDL-2015, AKONING  
protons from (n,x)



SB130 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

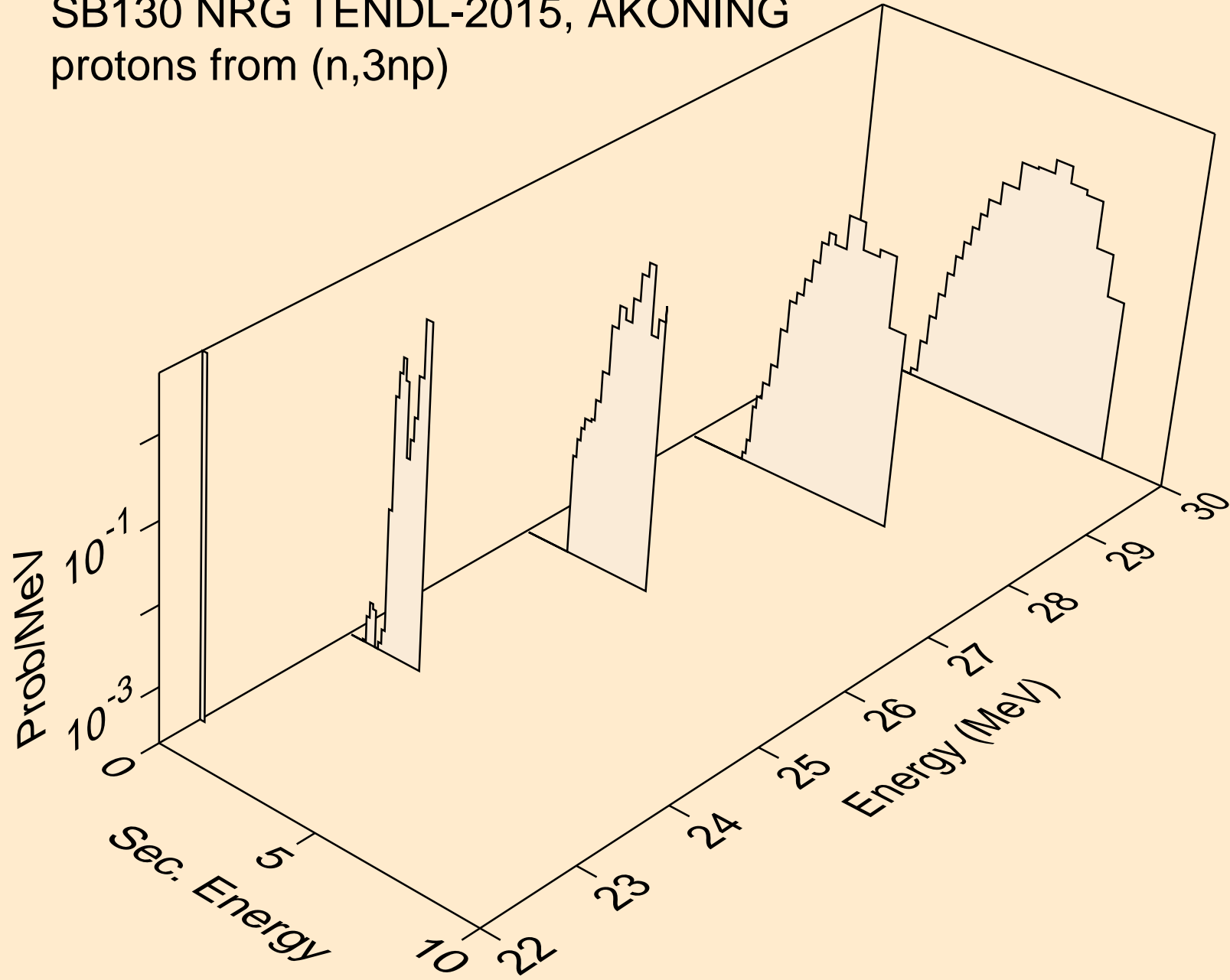


SB130 NRG TENDL-2015, AKONING  
protons from (n,2np)

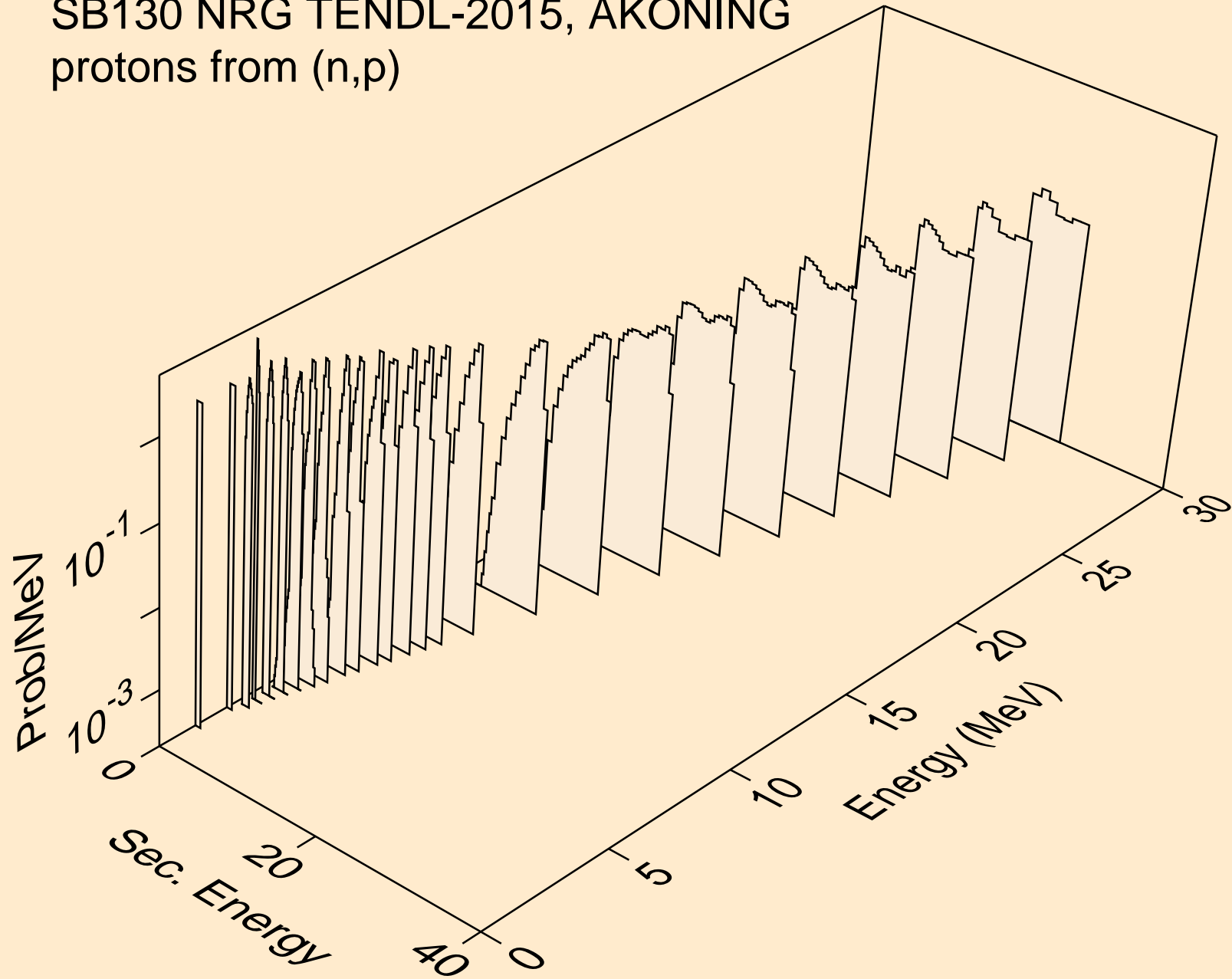




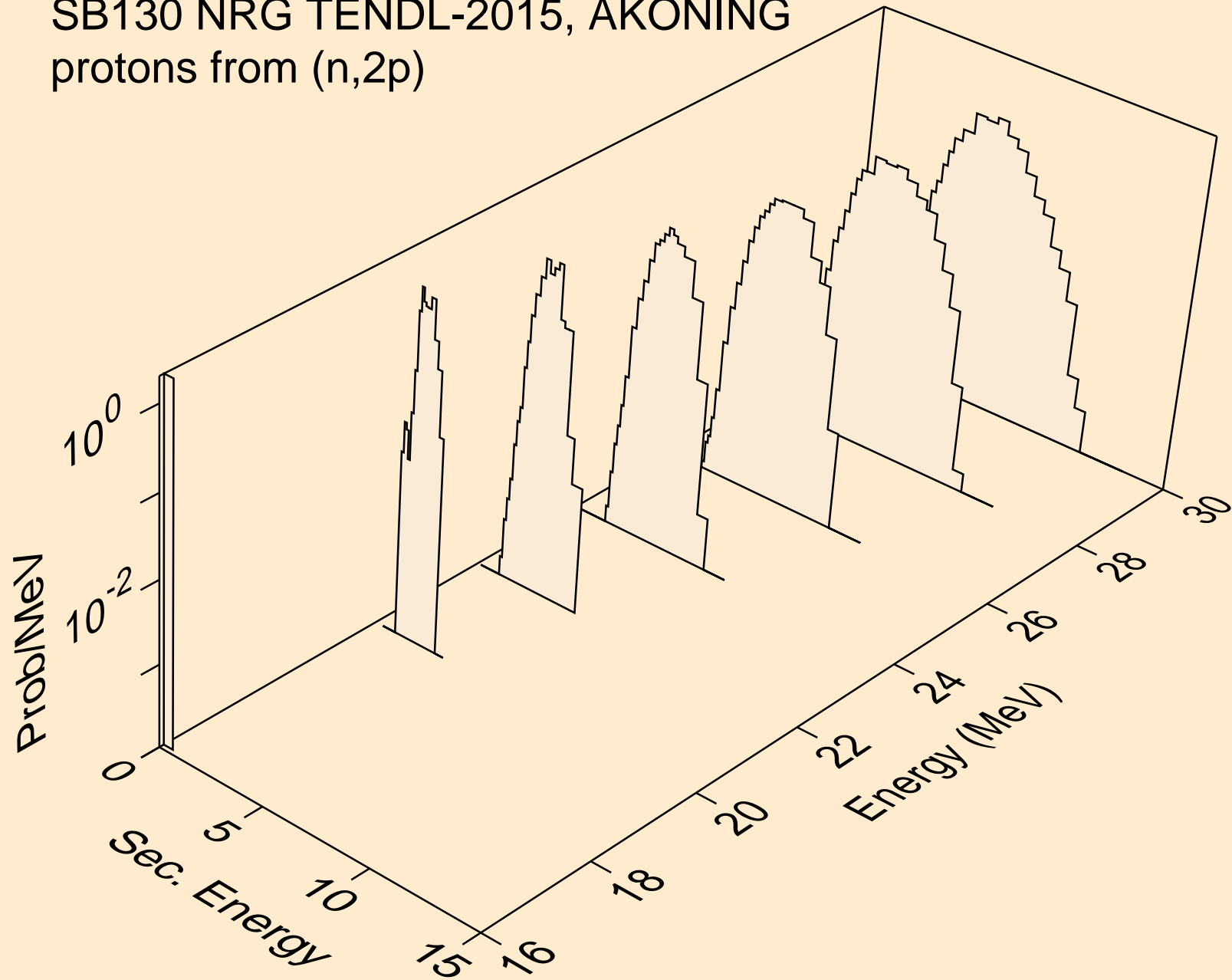
SB130 NRG TENDL-2015, AKONING  
protons from (n,3np)



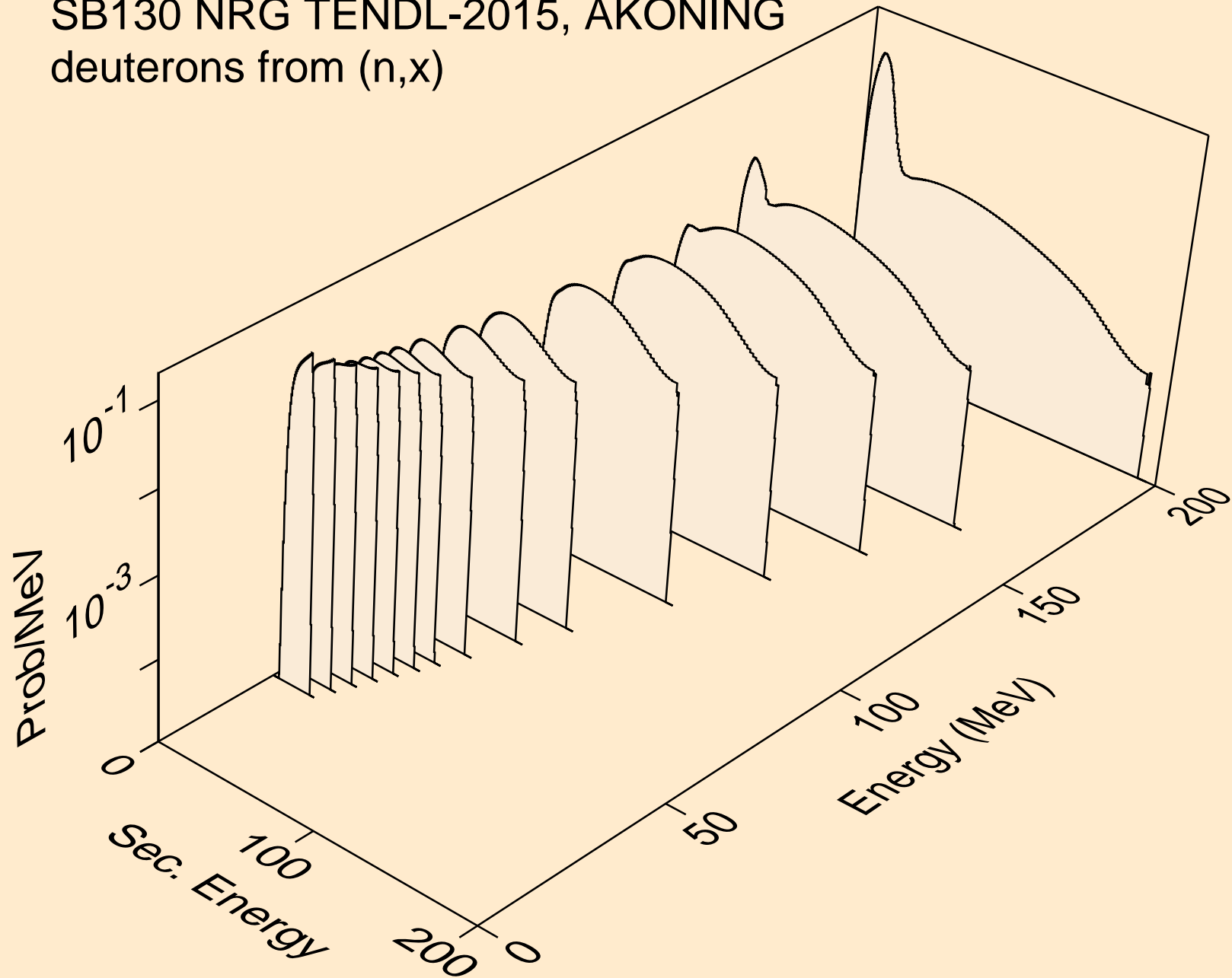
SB130 NRG TENDL-2015, AKONING  
protons from (n,p)



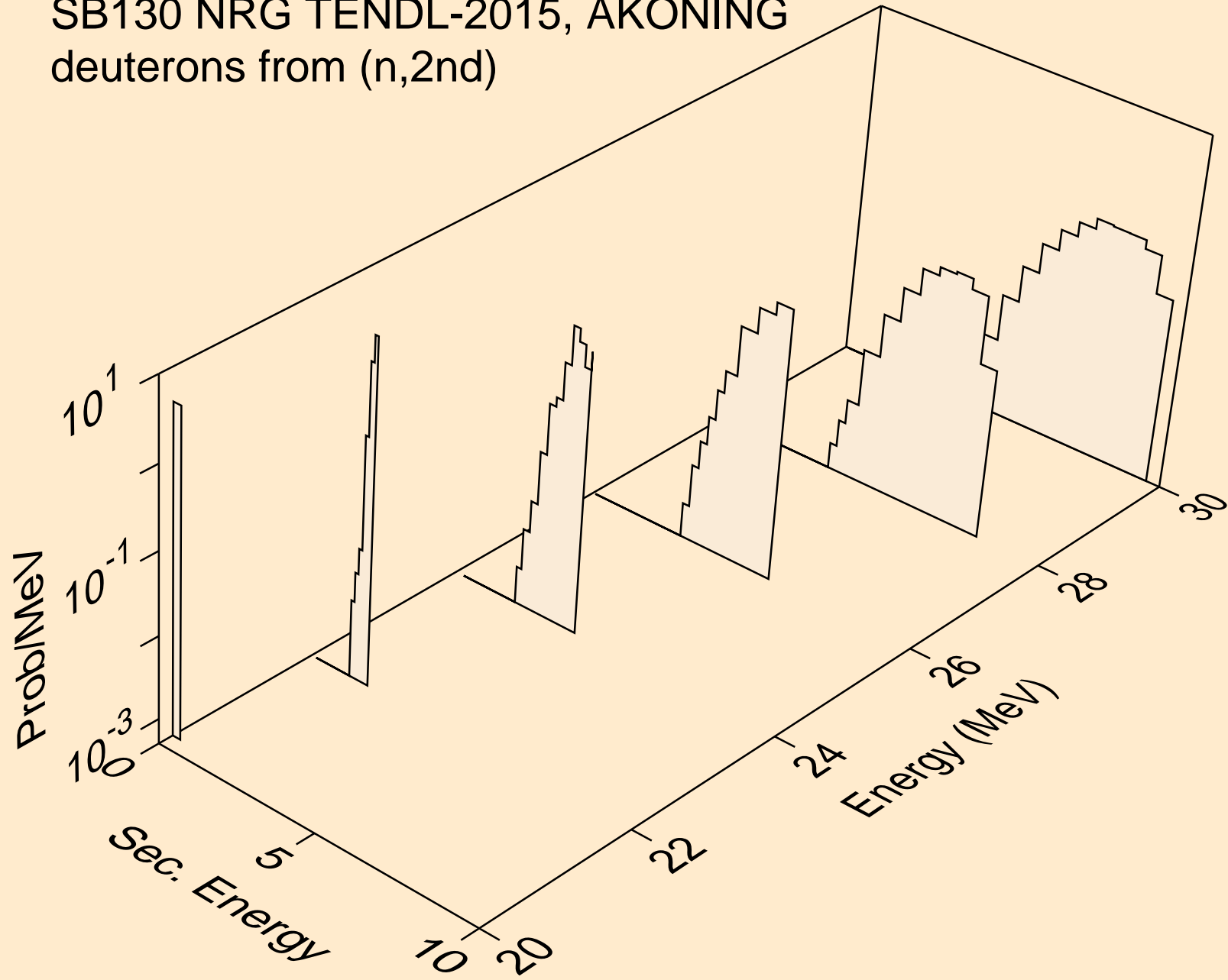
SB130 NRG TENDL-2015, AKONING  
protons from (n,2p)



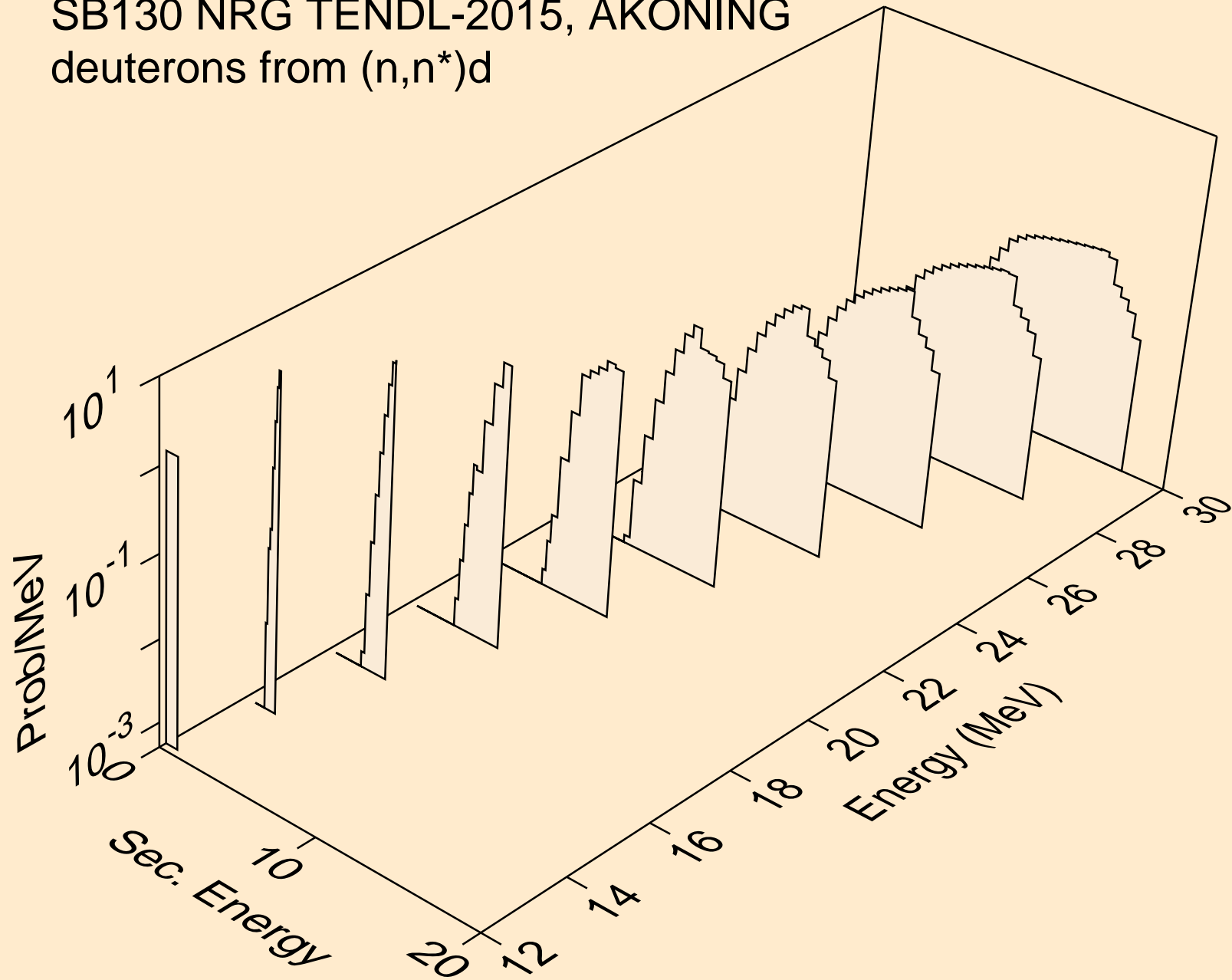
SB130 NRG TENDL-2015, AKONING  
deuterons from (n,x)



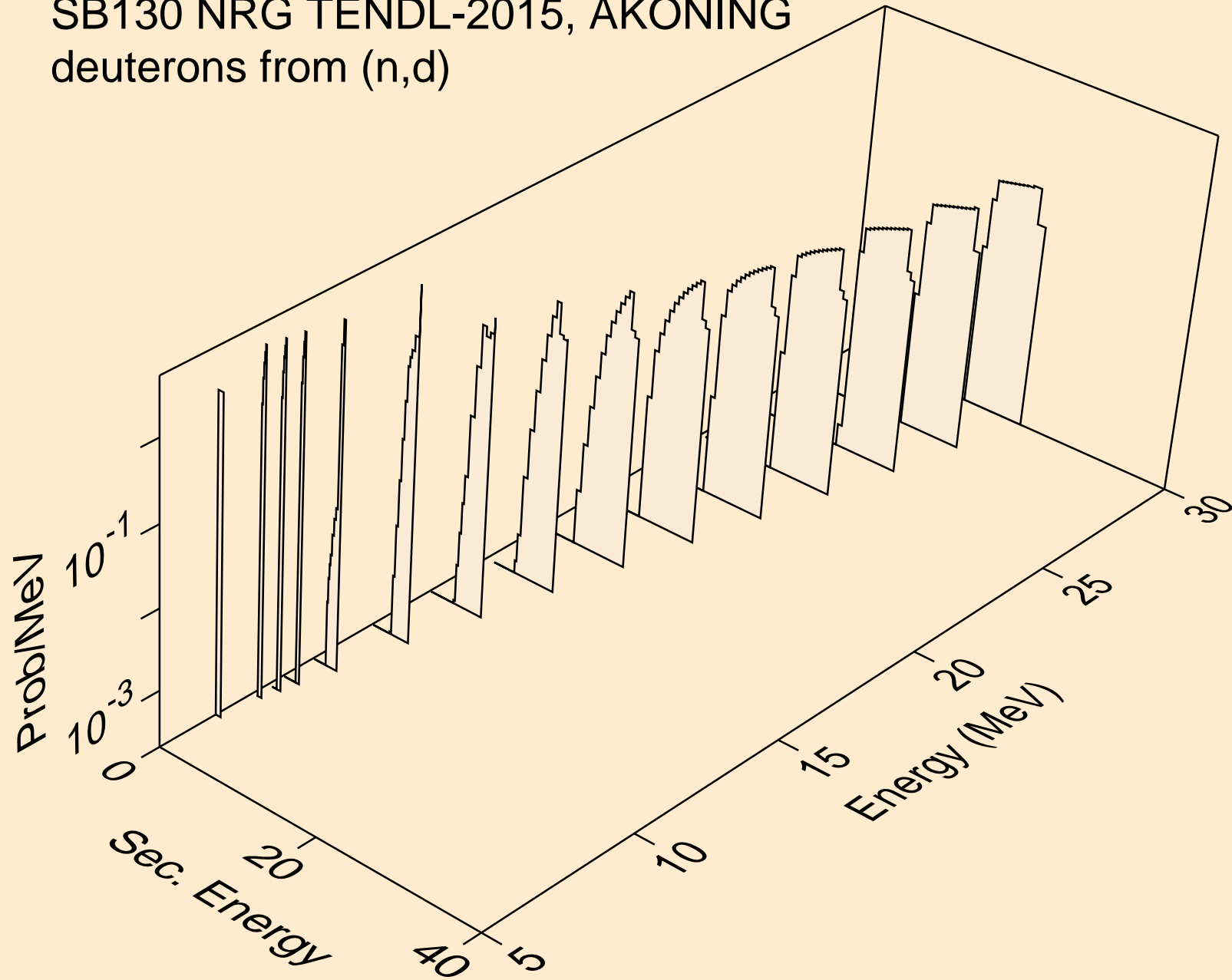
SB130 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



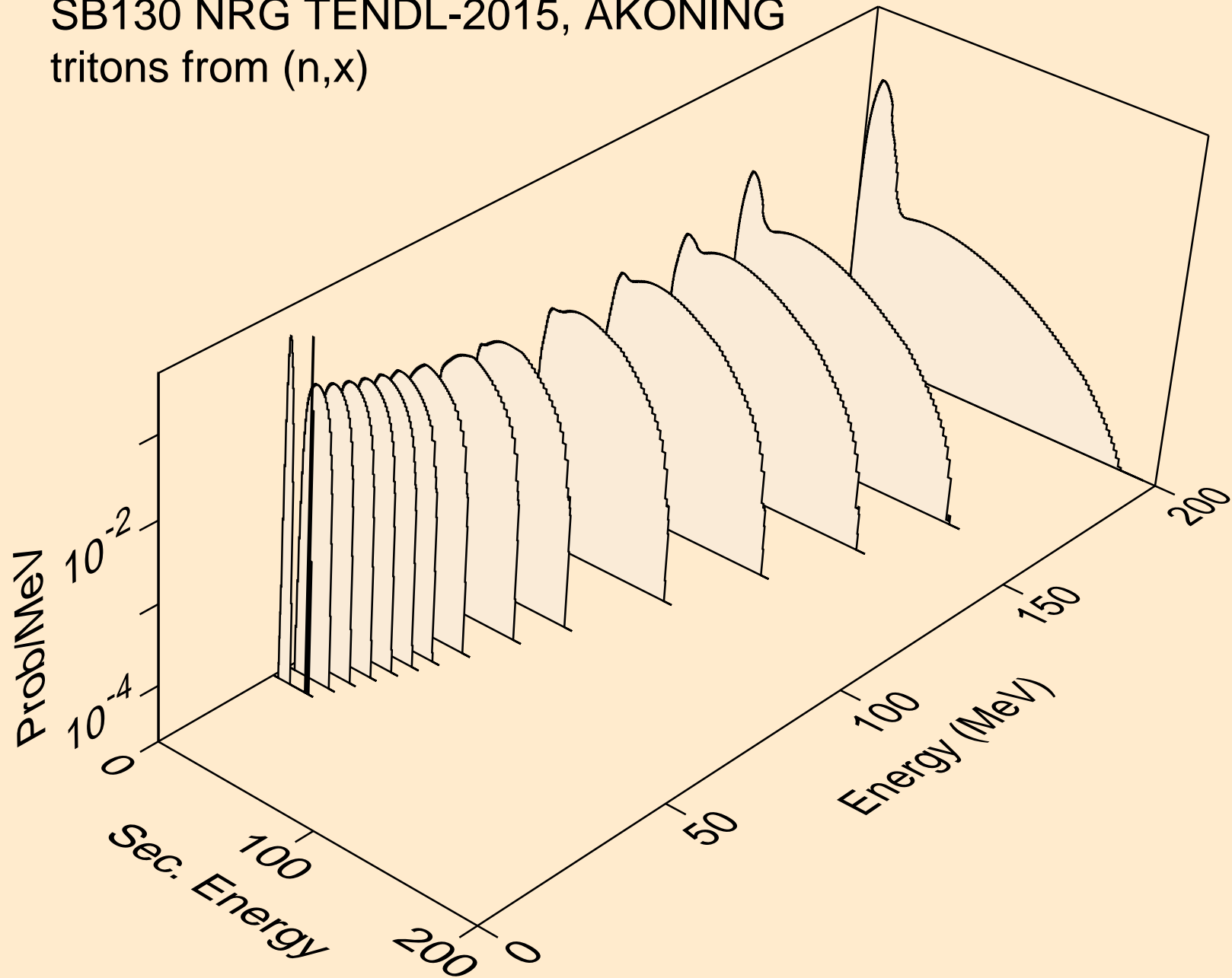
SB130 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



SB130 NRG TENDL-2015, AKONING  
deuterons from (n,d)

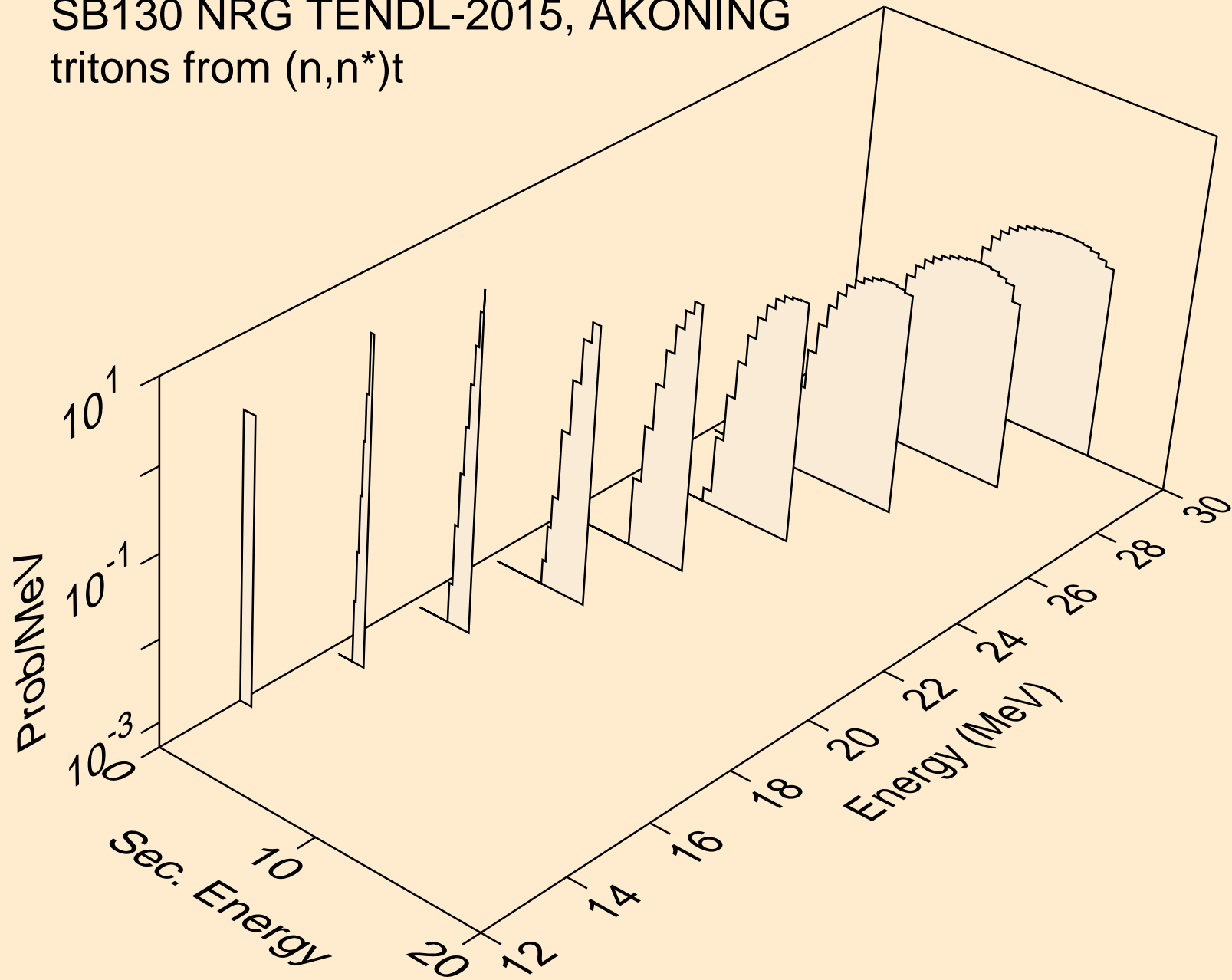


SB130 NRG TENDL-2015, AKONING  
tritons from (n,x)

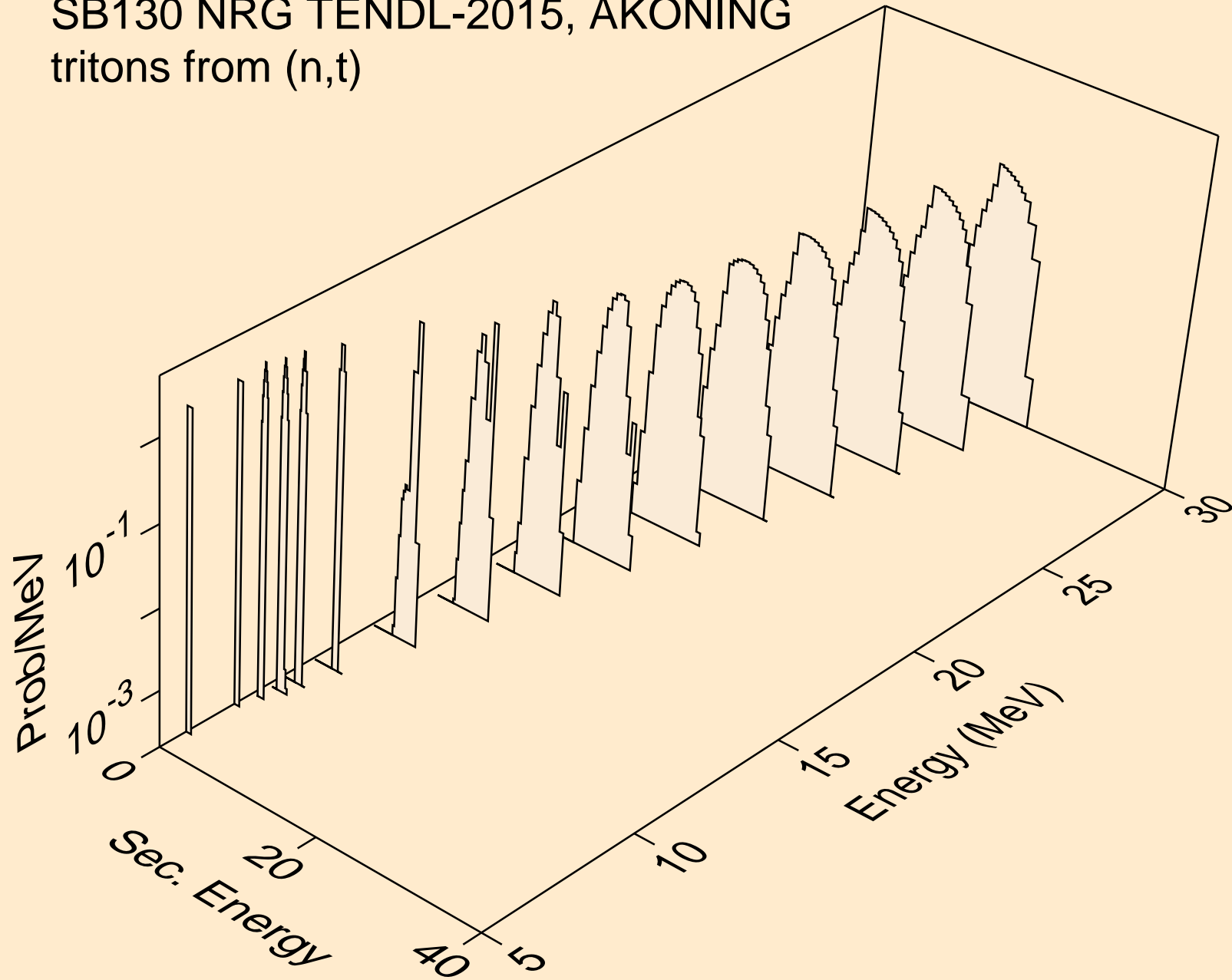




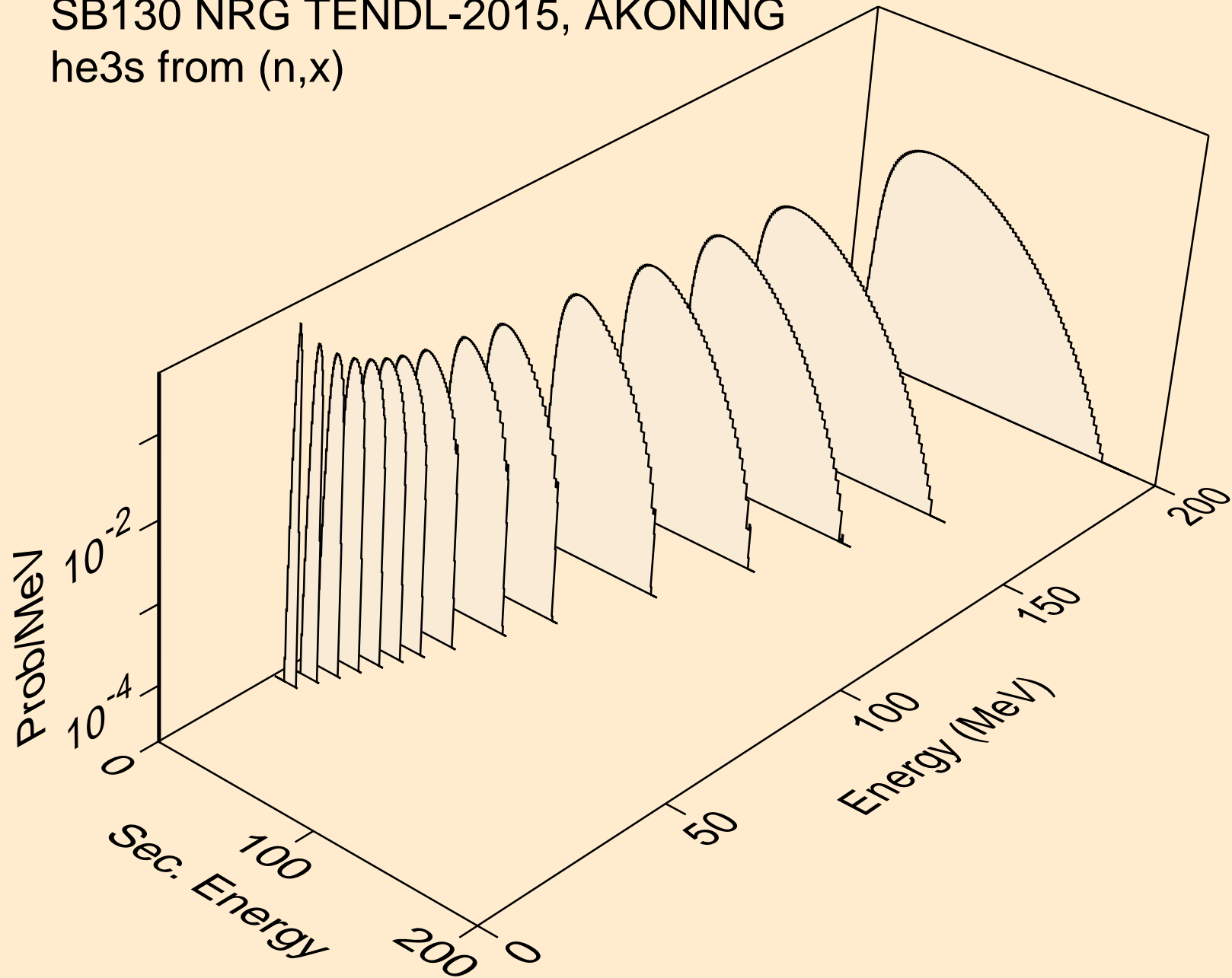
SB130 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



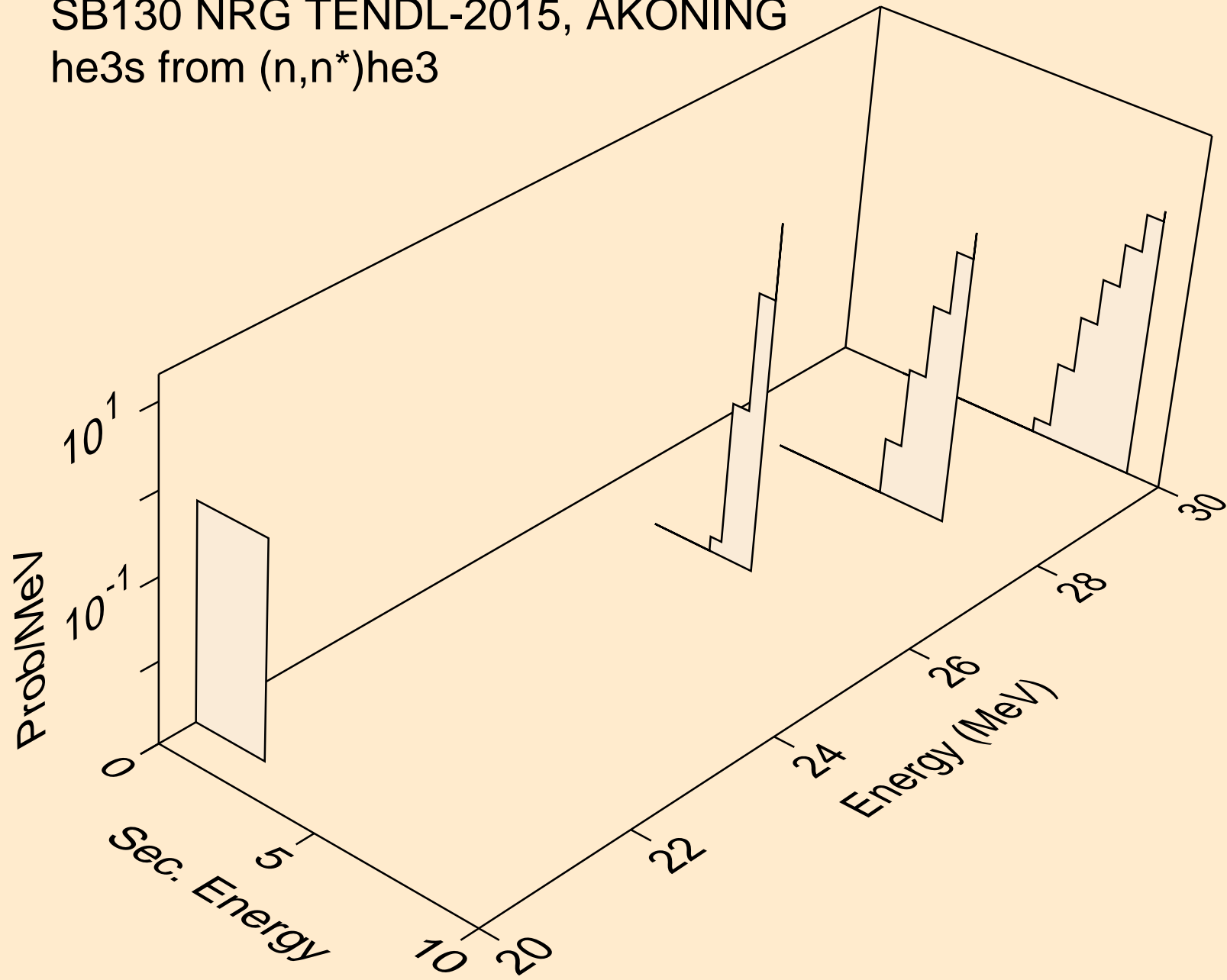
SB130 NRG TENDL-2015, AKONING  
tritons from (n,t)



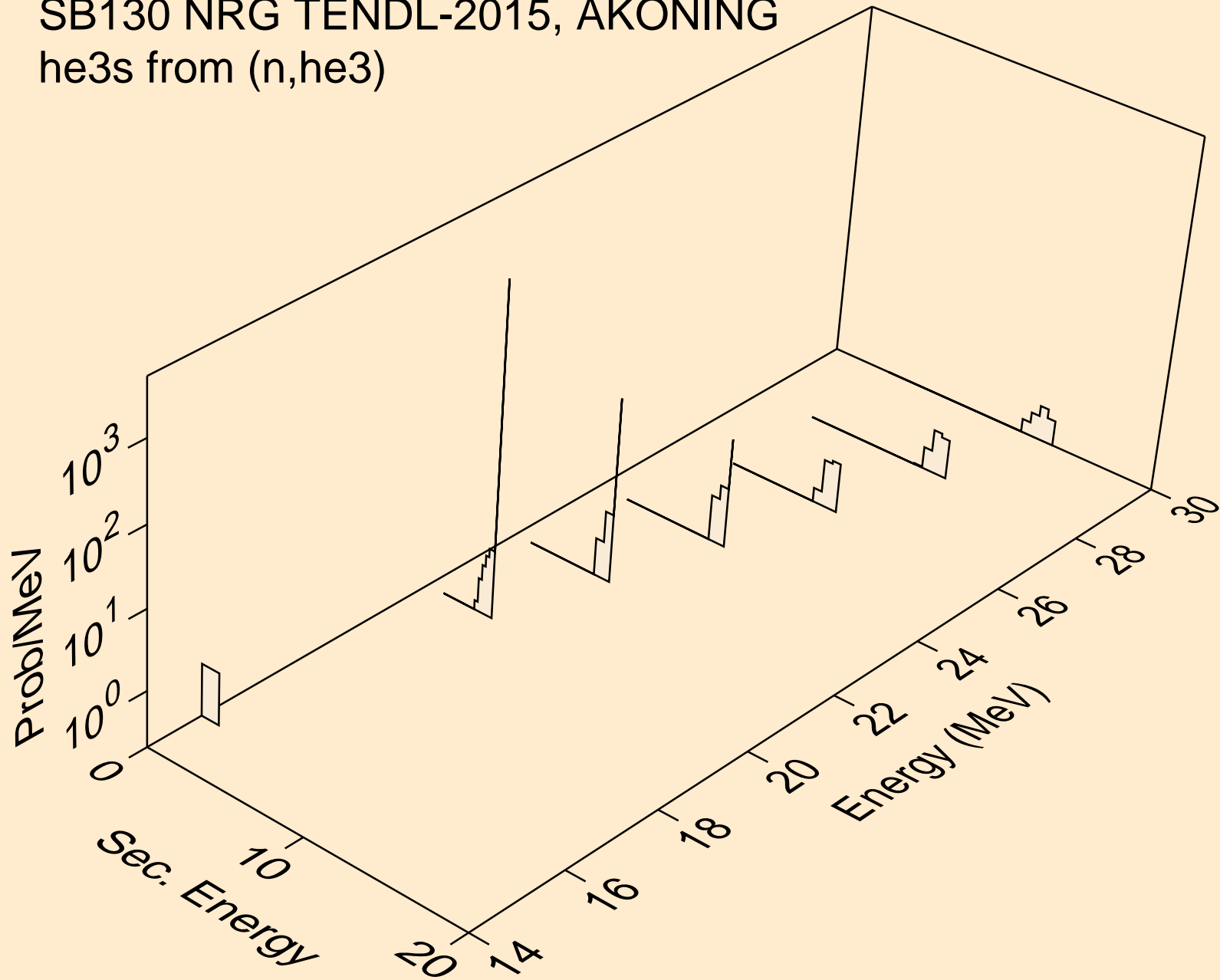
SB130 NRG TENDL-2015, AKONING  
he3s from (n,x)



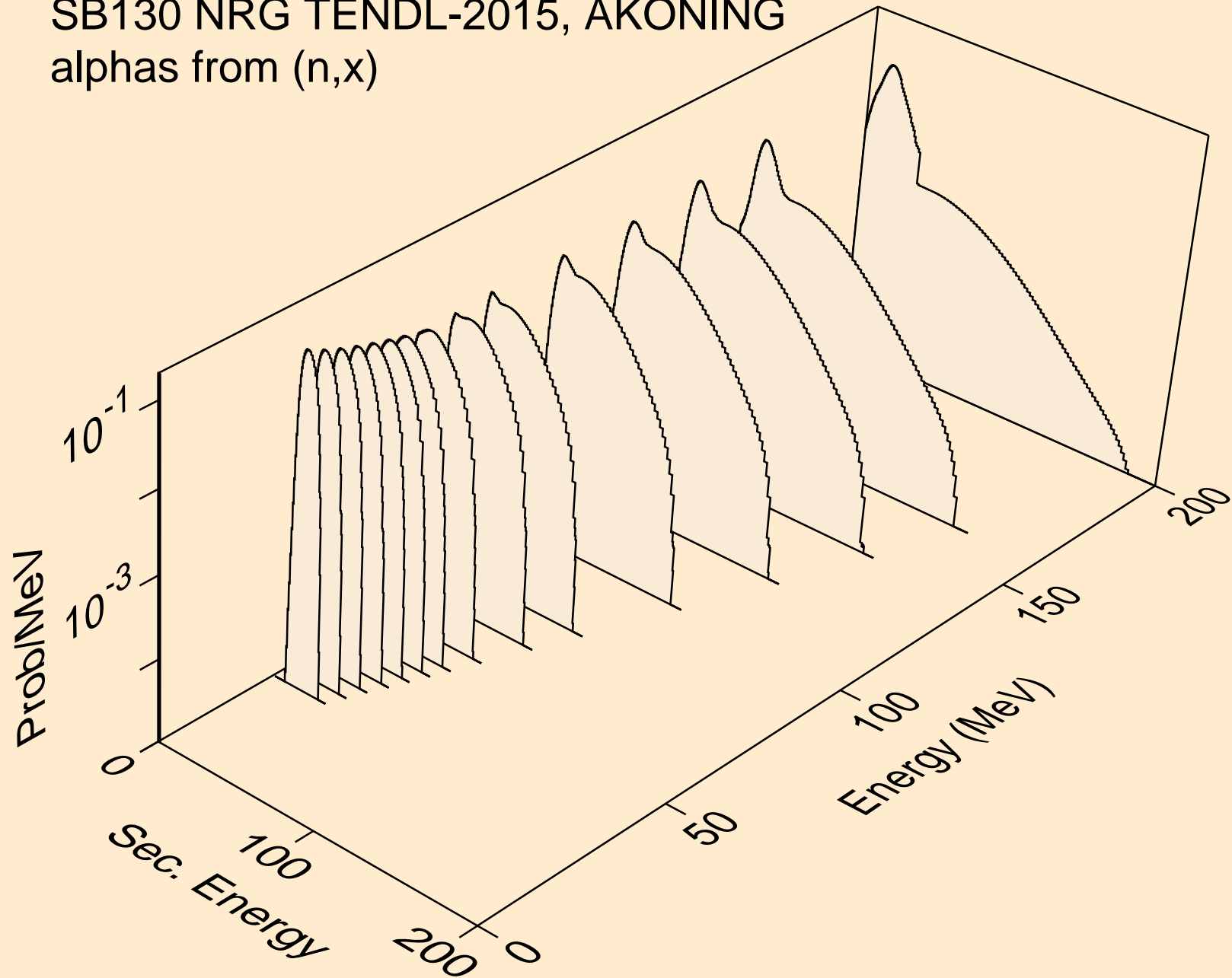
SB130 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



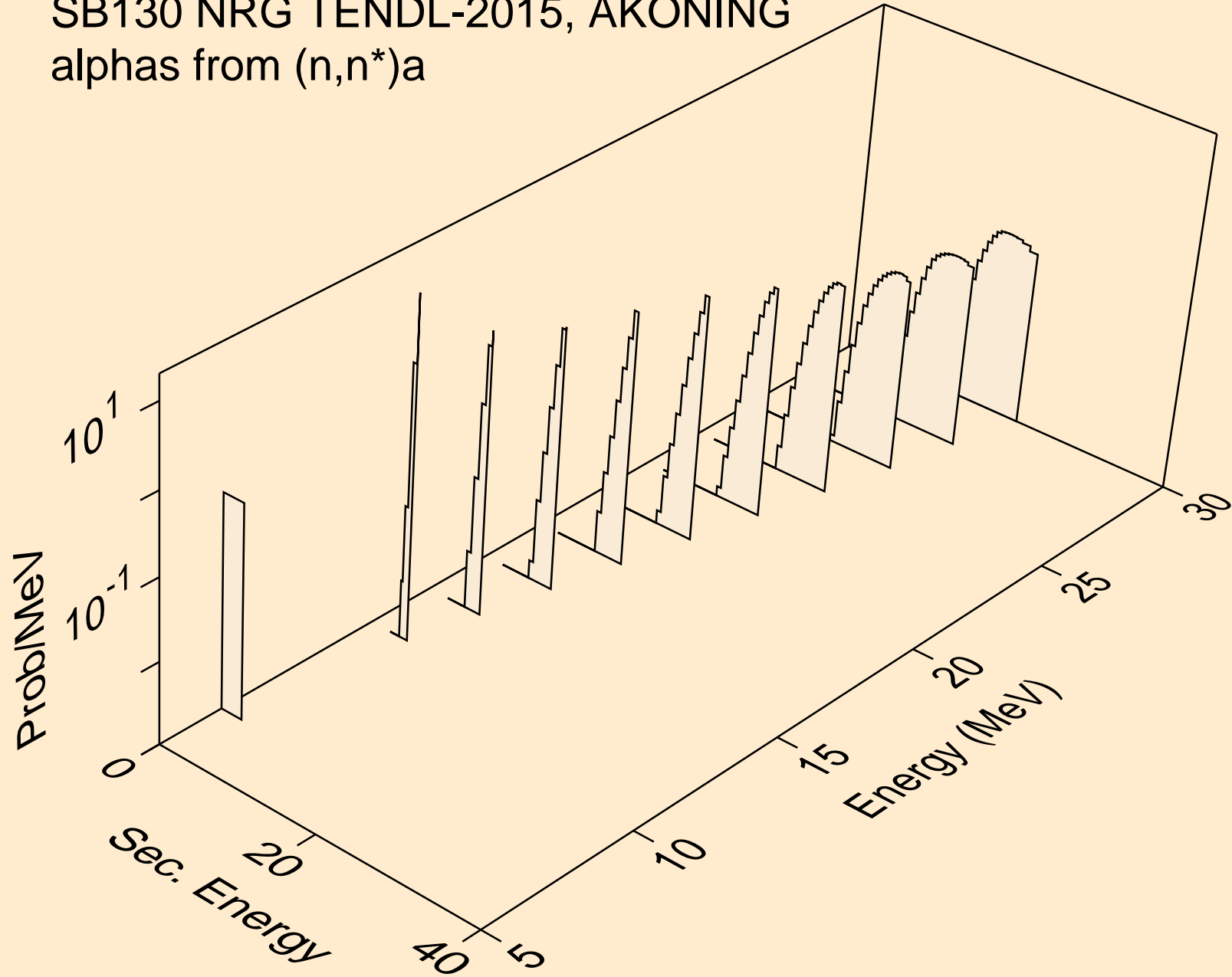
SB130 NRG TENDL-2015, AKONING  
he3s from (n,he3)



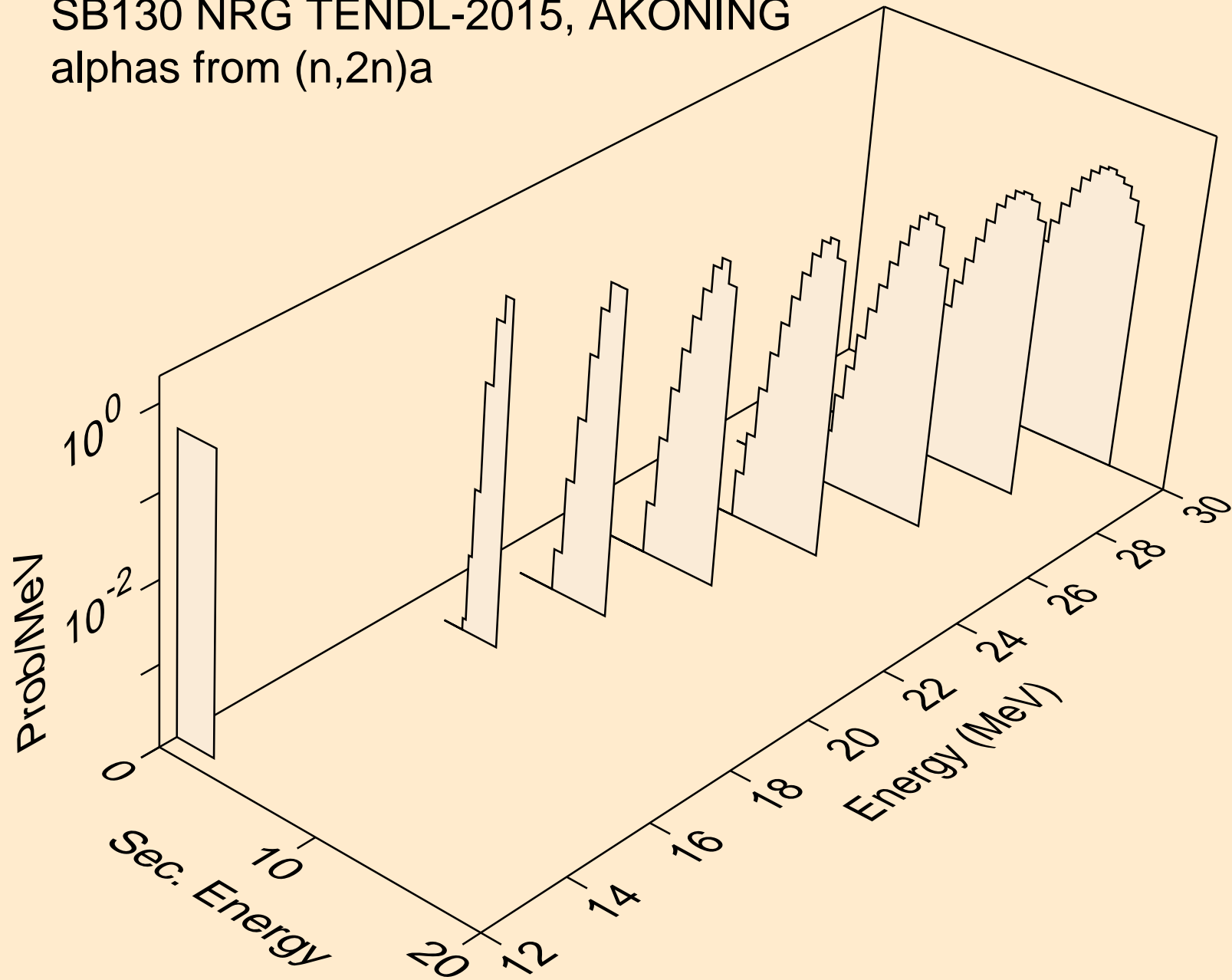
SB130 NRG TENDL-2015, AKONING  
alphas from (n,x)



SB130 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

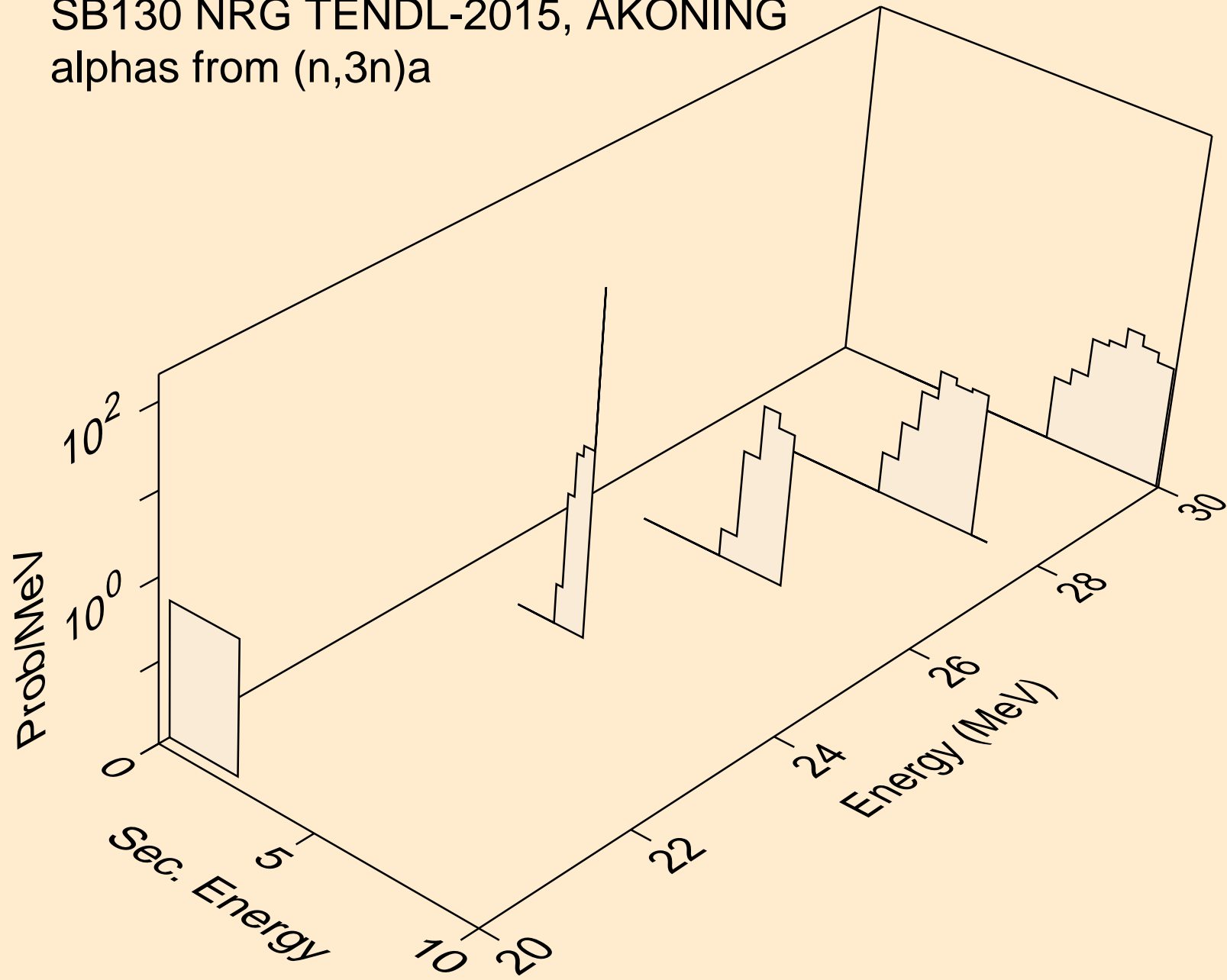


SB130 NRG TENDL-2015, AKONING  
alphas from (n,2n)a





SB130 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



SB130 NRG TENDL-2015, AKONING  
alphas from (n,a)

