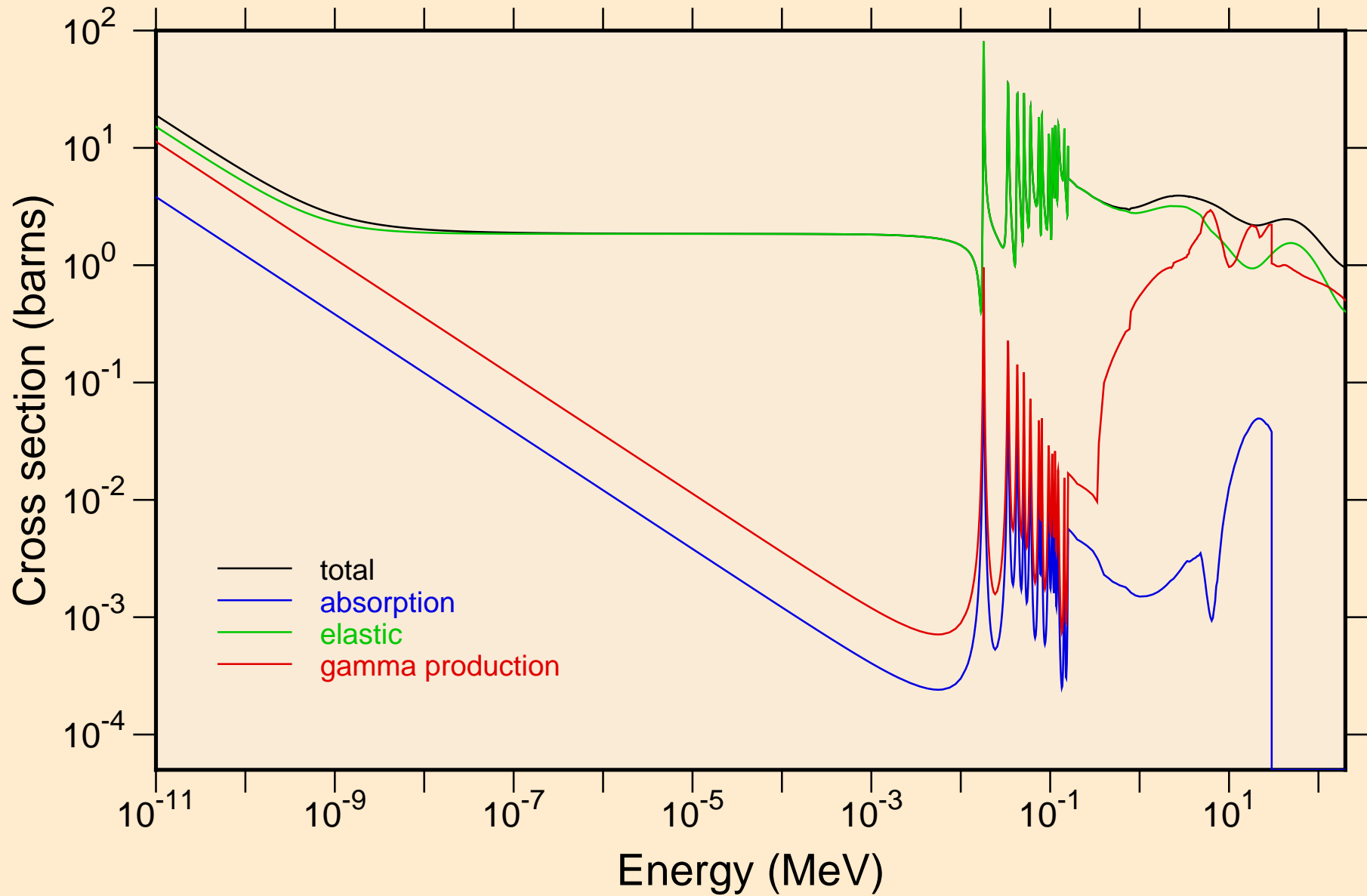


# SC050 NRG TENDL-2015, AKONING

## Principal cross sections

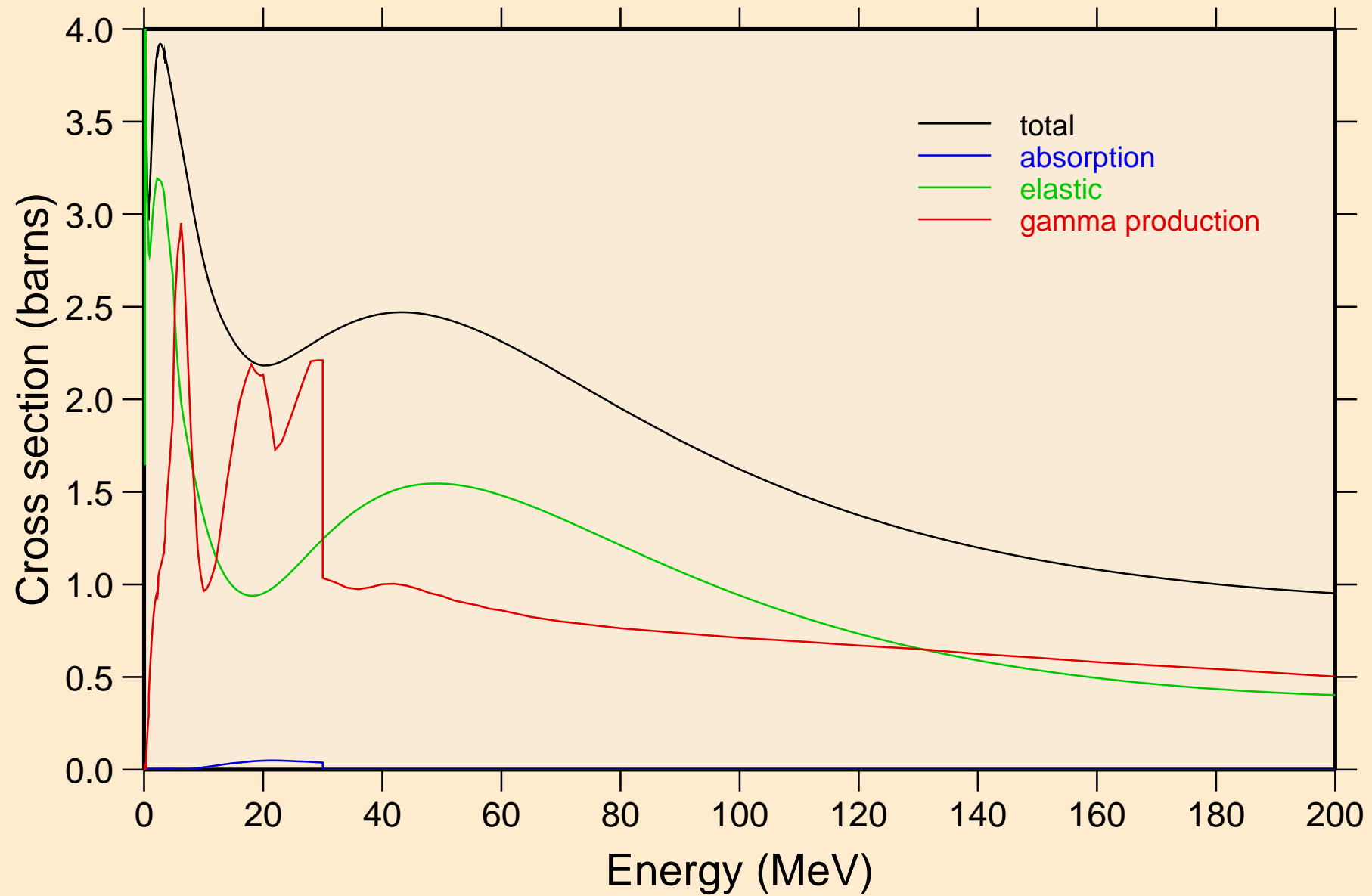


SC050 NRG TENDL-2015, AKONING  
Non-threshold reactions

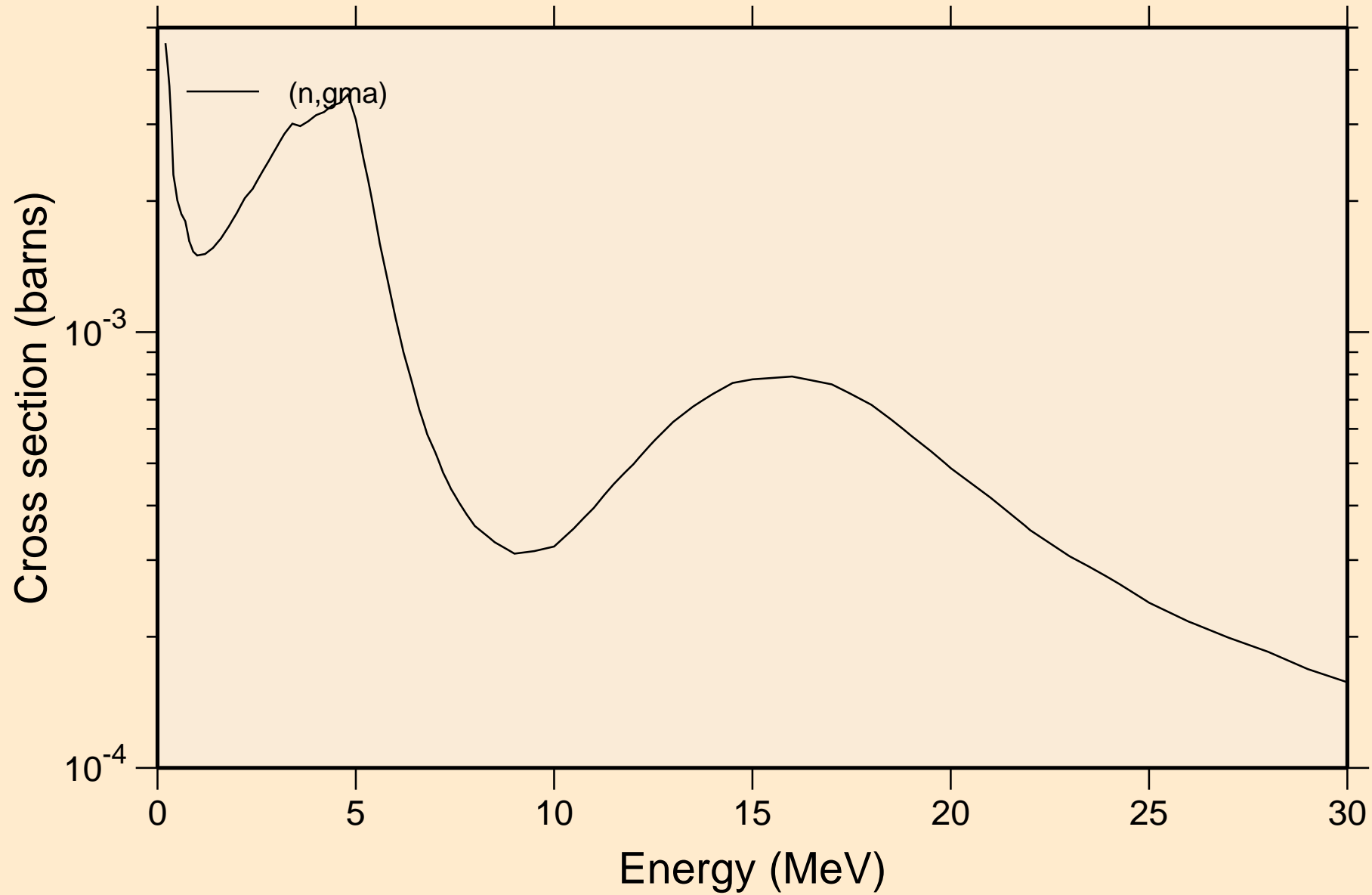


# SC050 NRG TENDL-2015, AKONING

## Principal cross sections

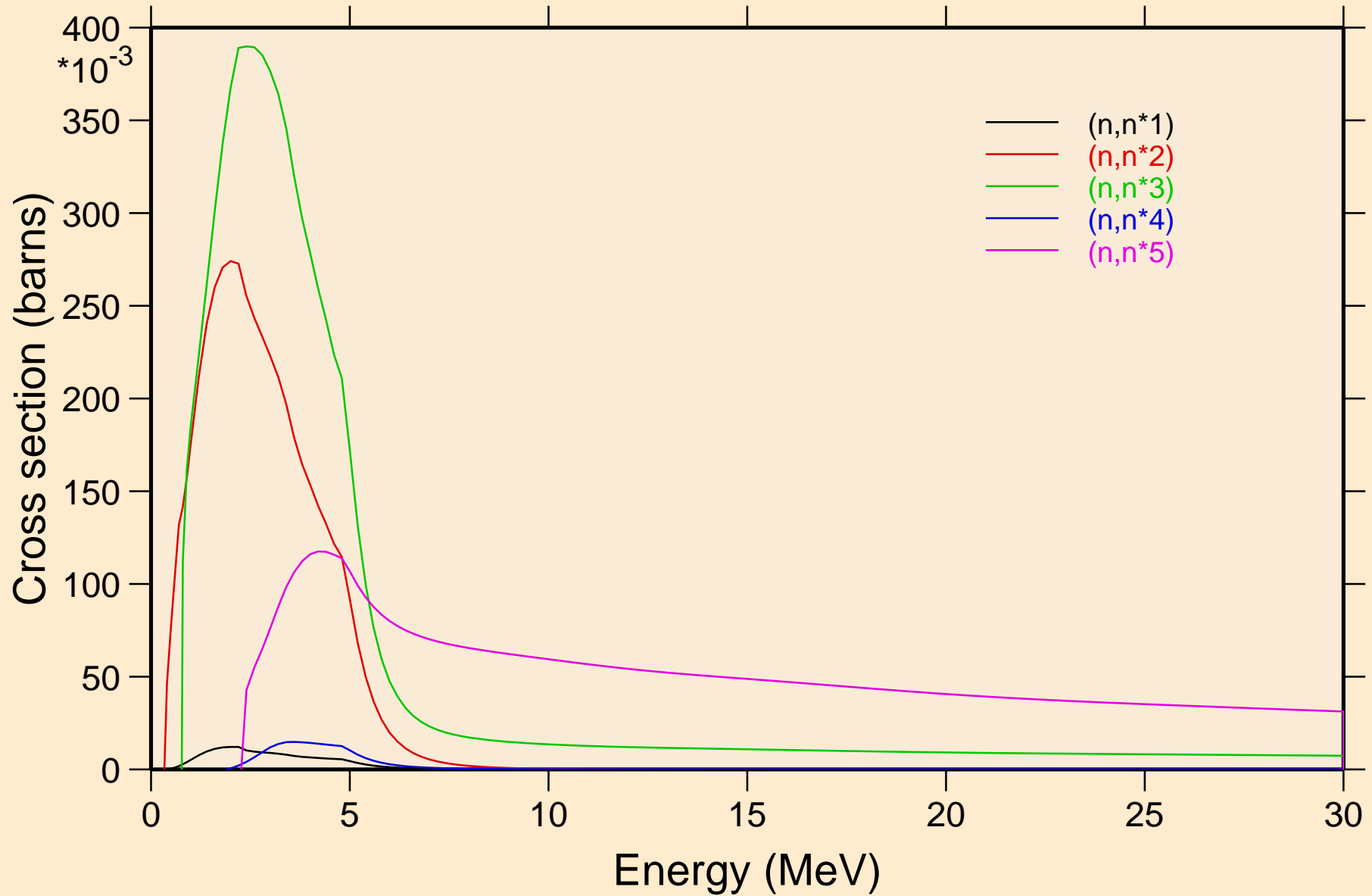


SC050 NRG TENDL-2015, AKONING  
Non-threshold reactions



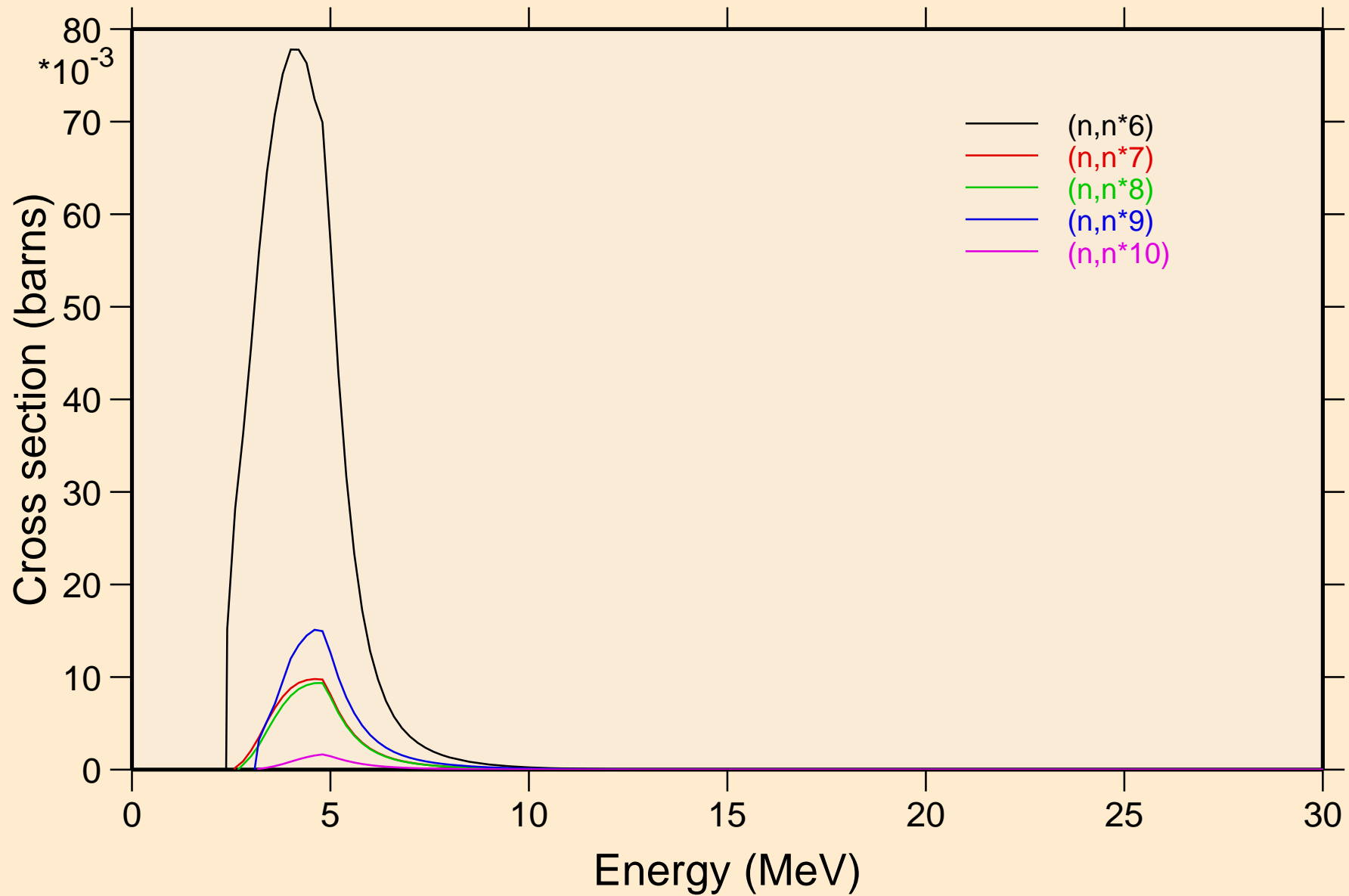
# SC050 NRG TENDL-2015, AKONING

## Inelastic levels



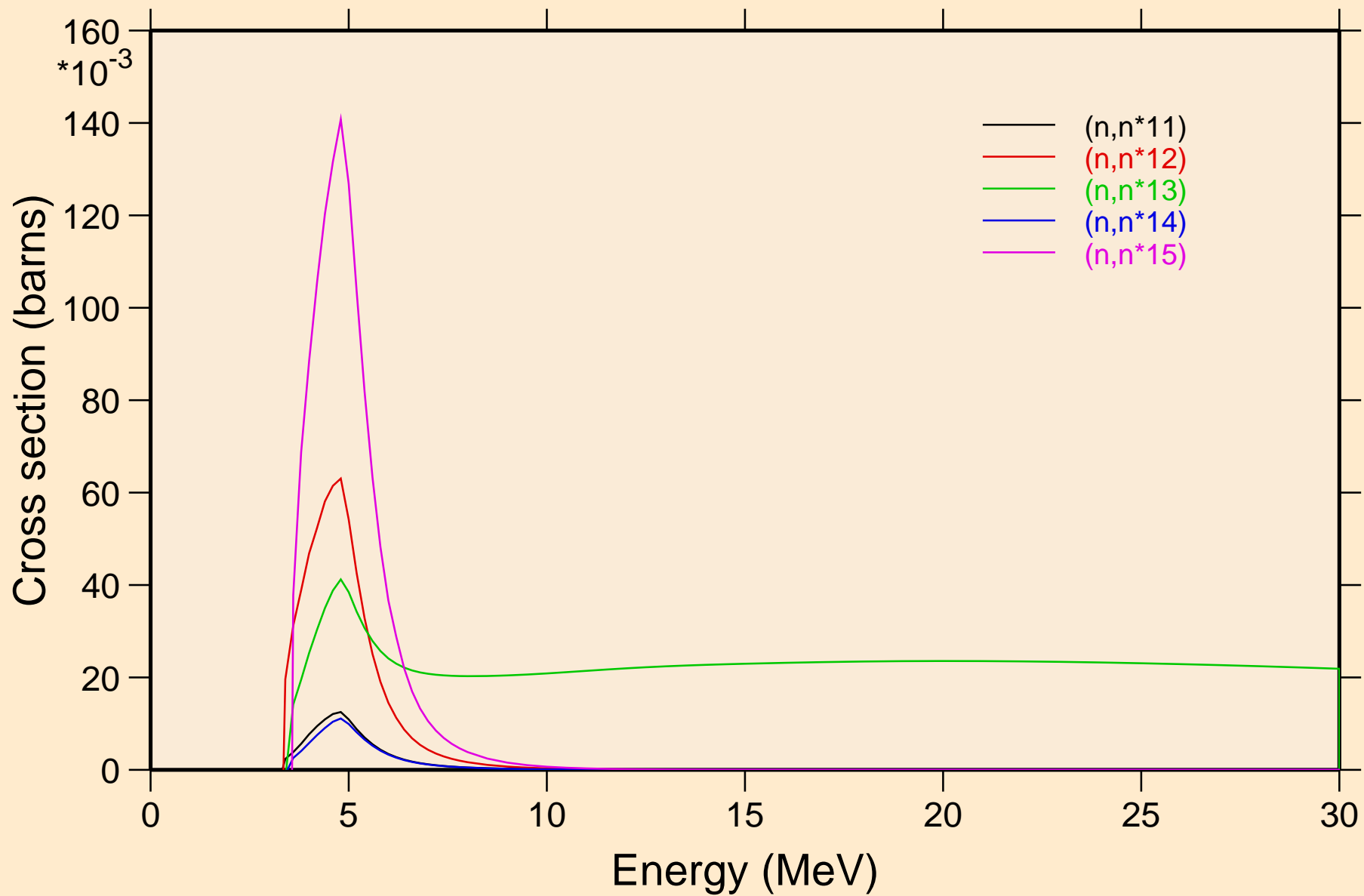
# SC050 NRG TENDL-2015, AKONING

## Inelastic levels



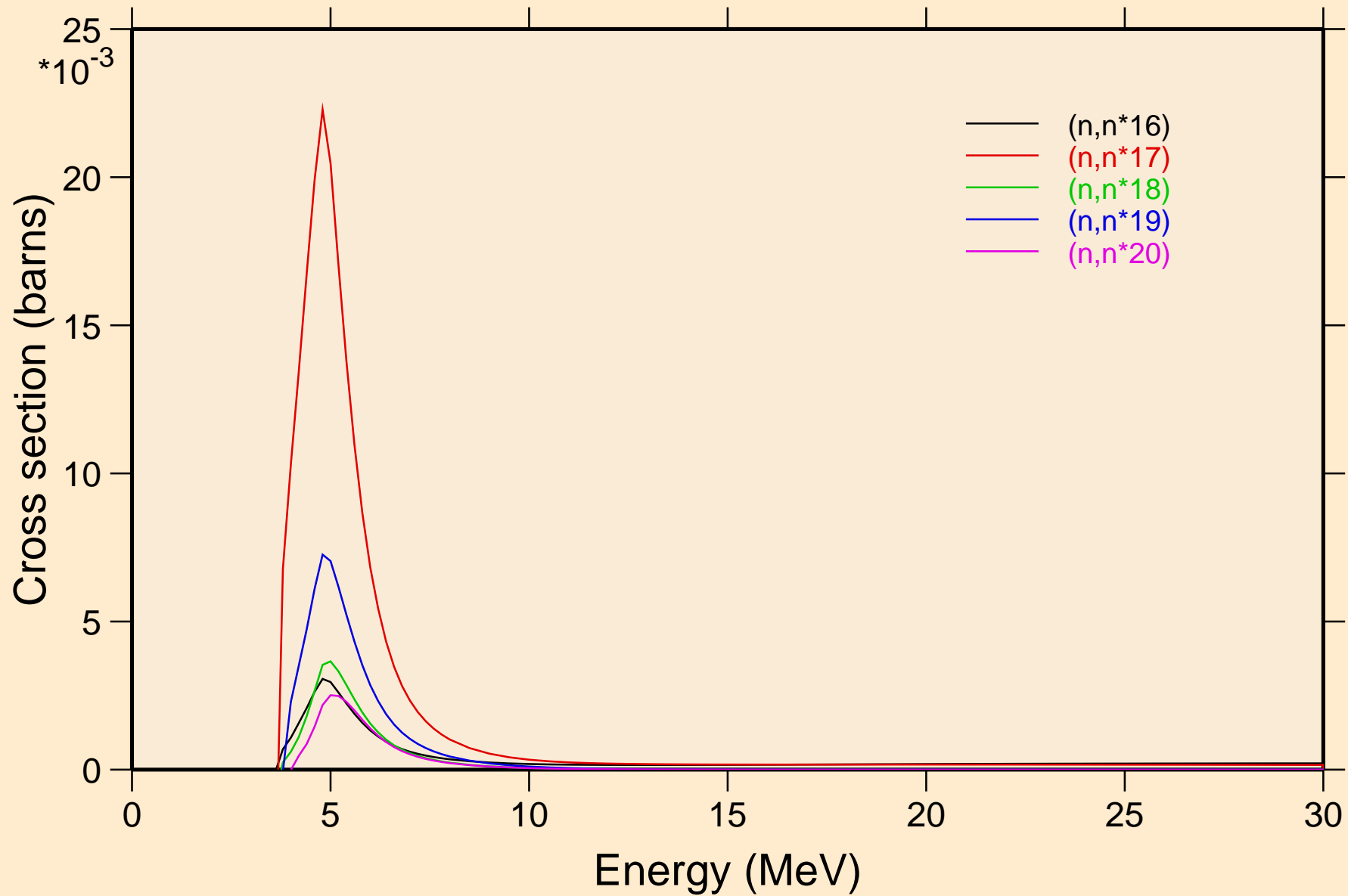
# SC050 NRG TENDL-2015, AKONING

## Inelastic levels



# SC050 NRG TENDL-2015, AKONING

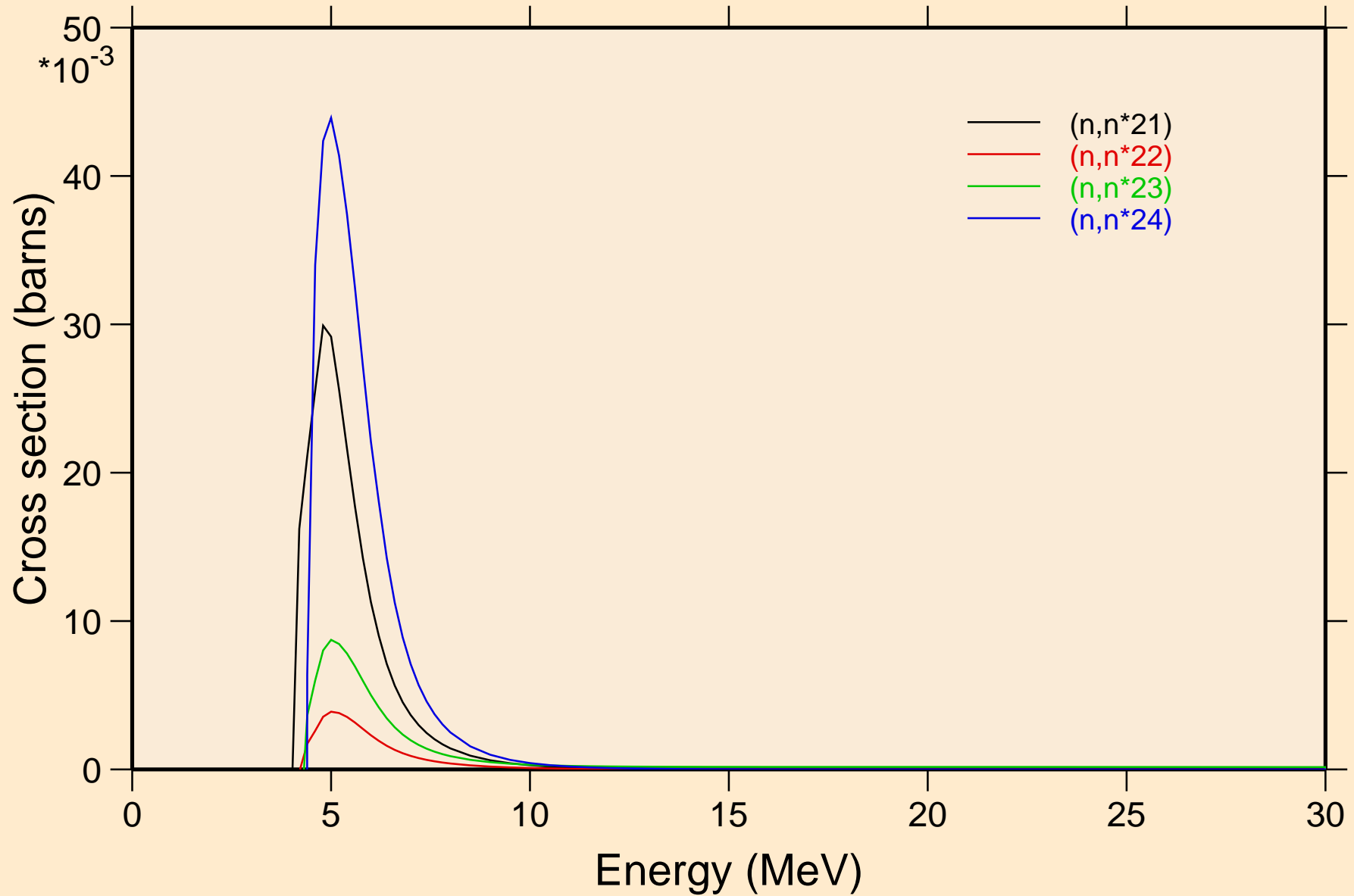
## Inelastic levels





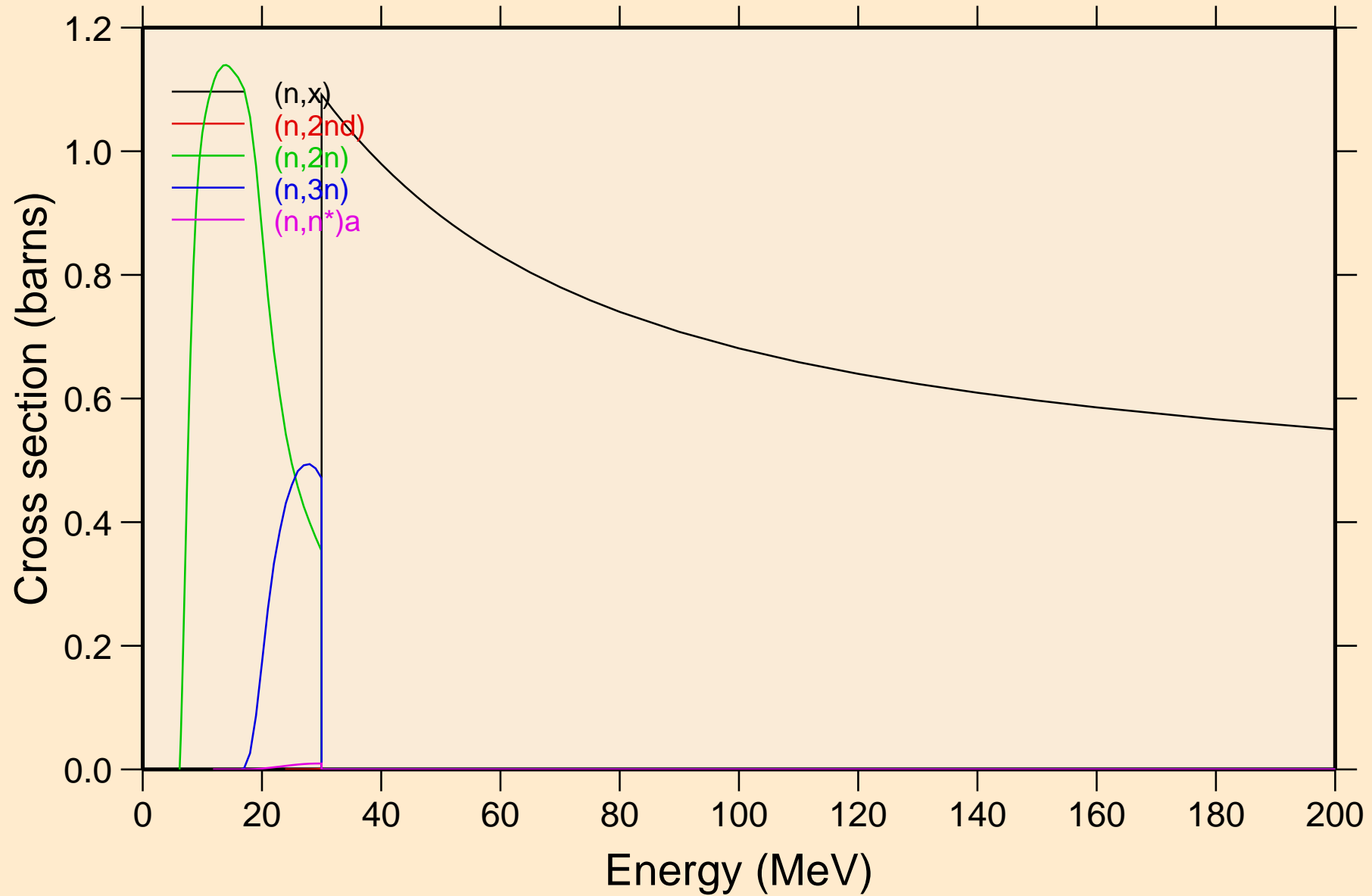
# SC050 NRG TENDL-2015, AKONING

## Inelastic levels



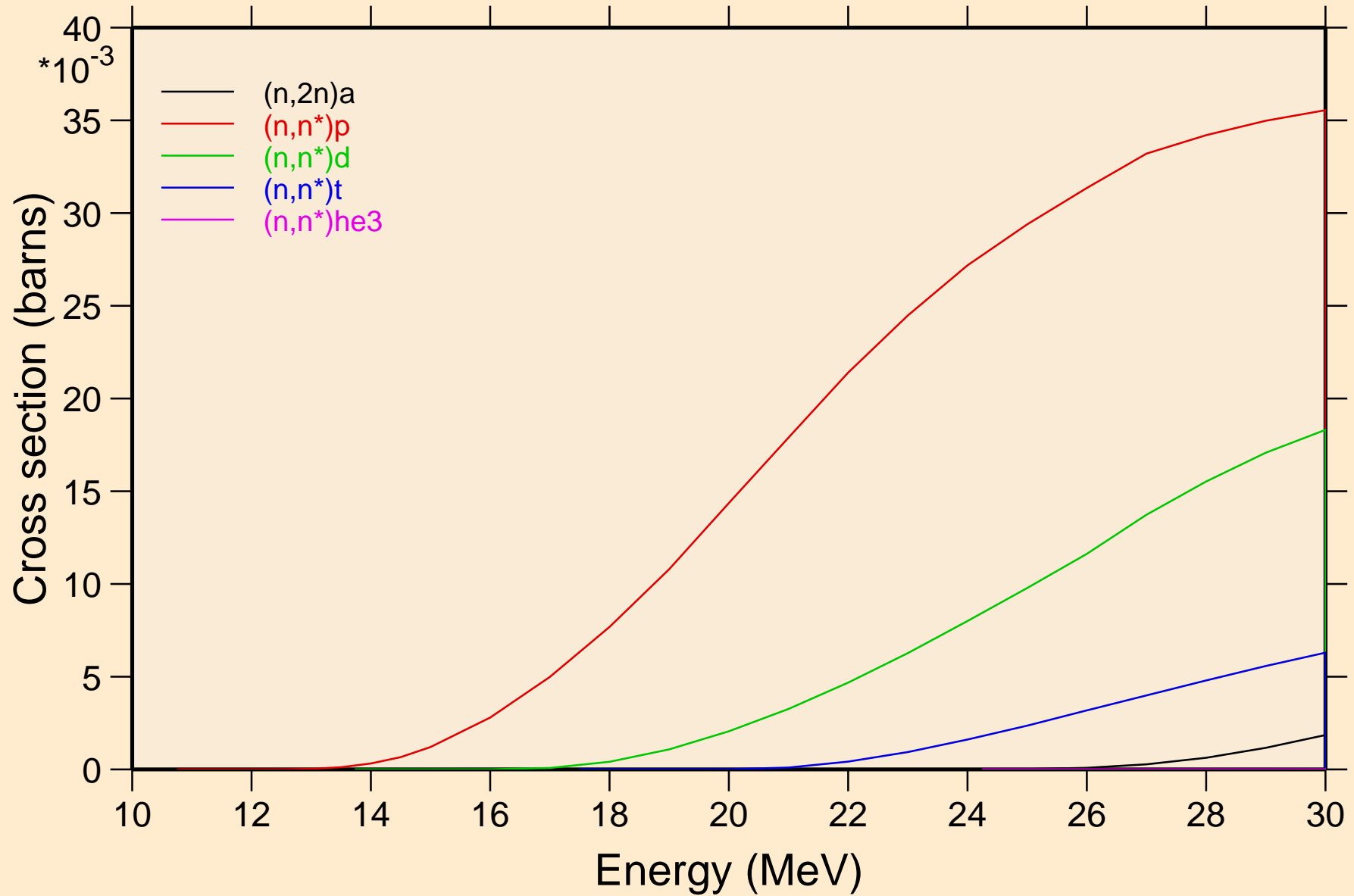
# SC050 NRG TENDL-2015, AKONING

## Threshold reactions



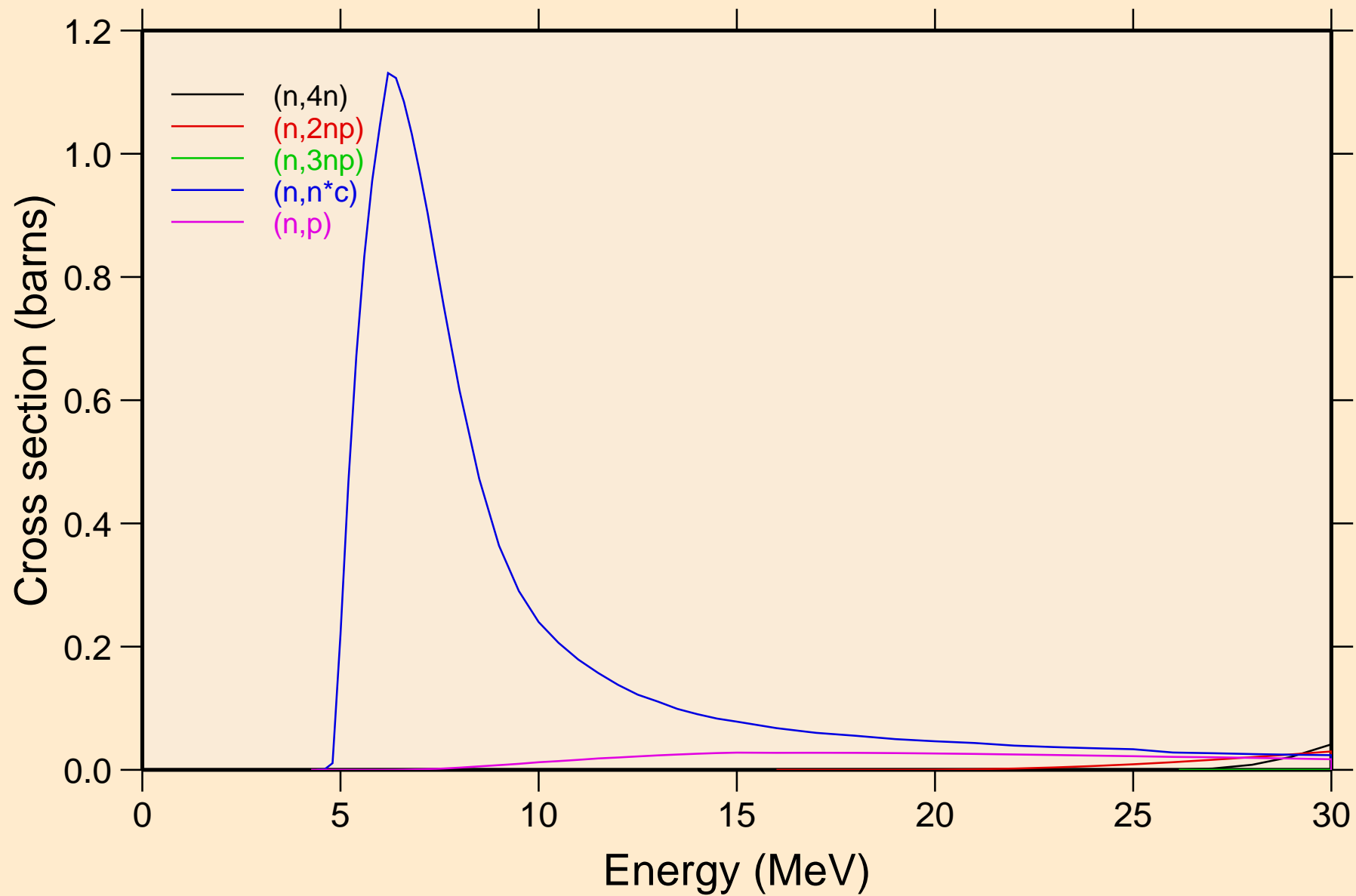
# SC050 NRG TENDL-2015, AKONING

## Threshold reactions



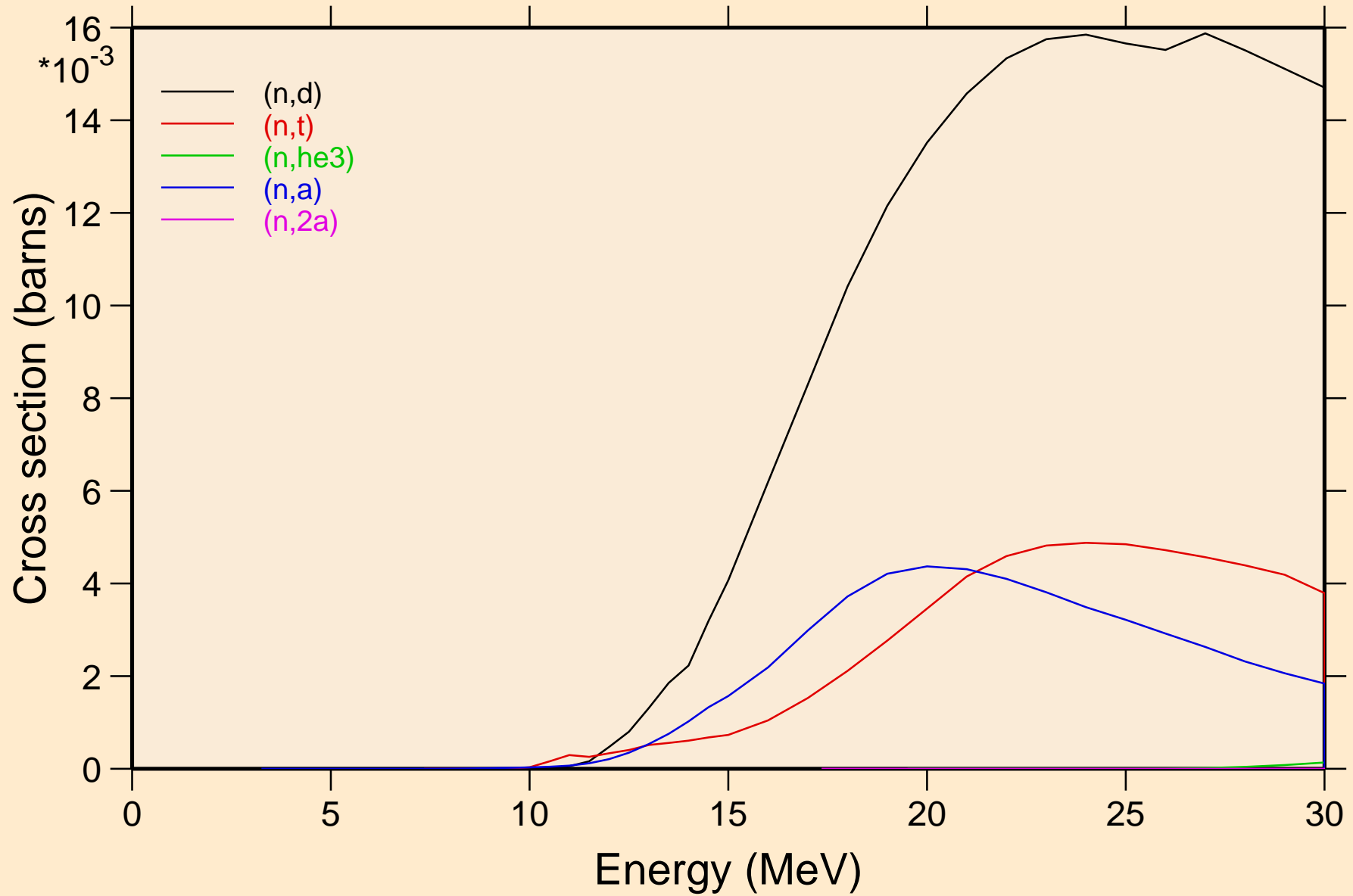
# SC050 NRG TENDL-2015, AKONING

## Threshold reactions



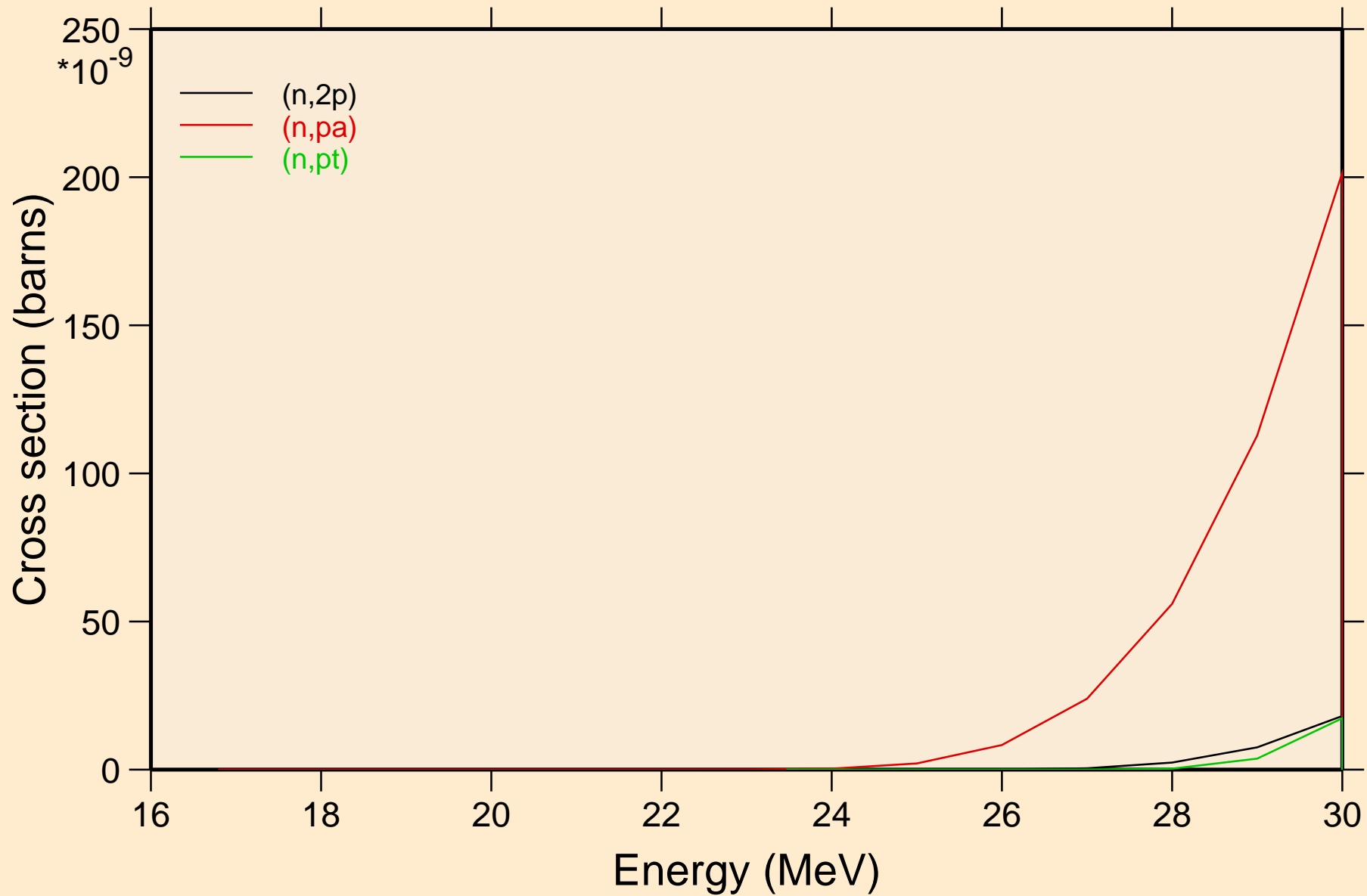
# SC050 NRG TENDL-2015, AKONING

## Threshold reactions

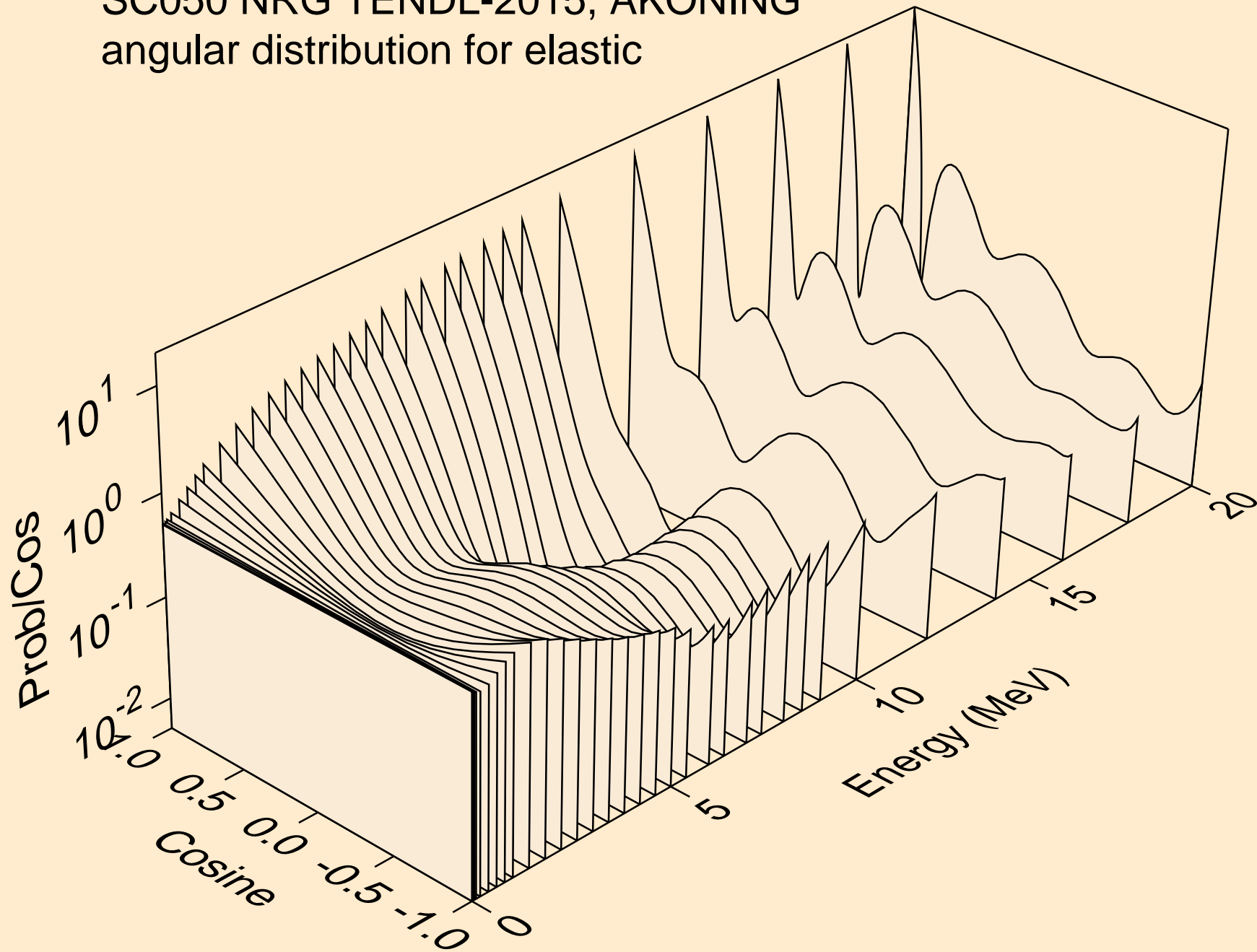


# SC050 NRG TENDL-2015, AKONING

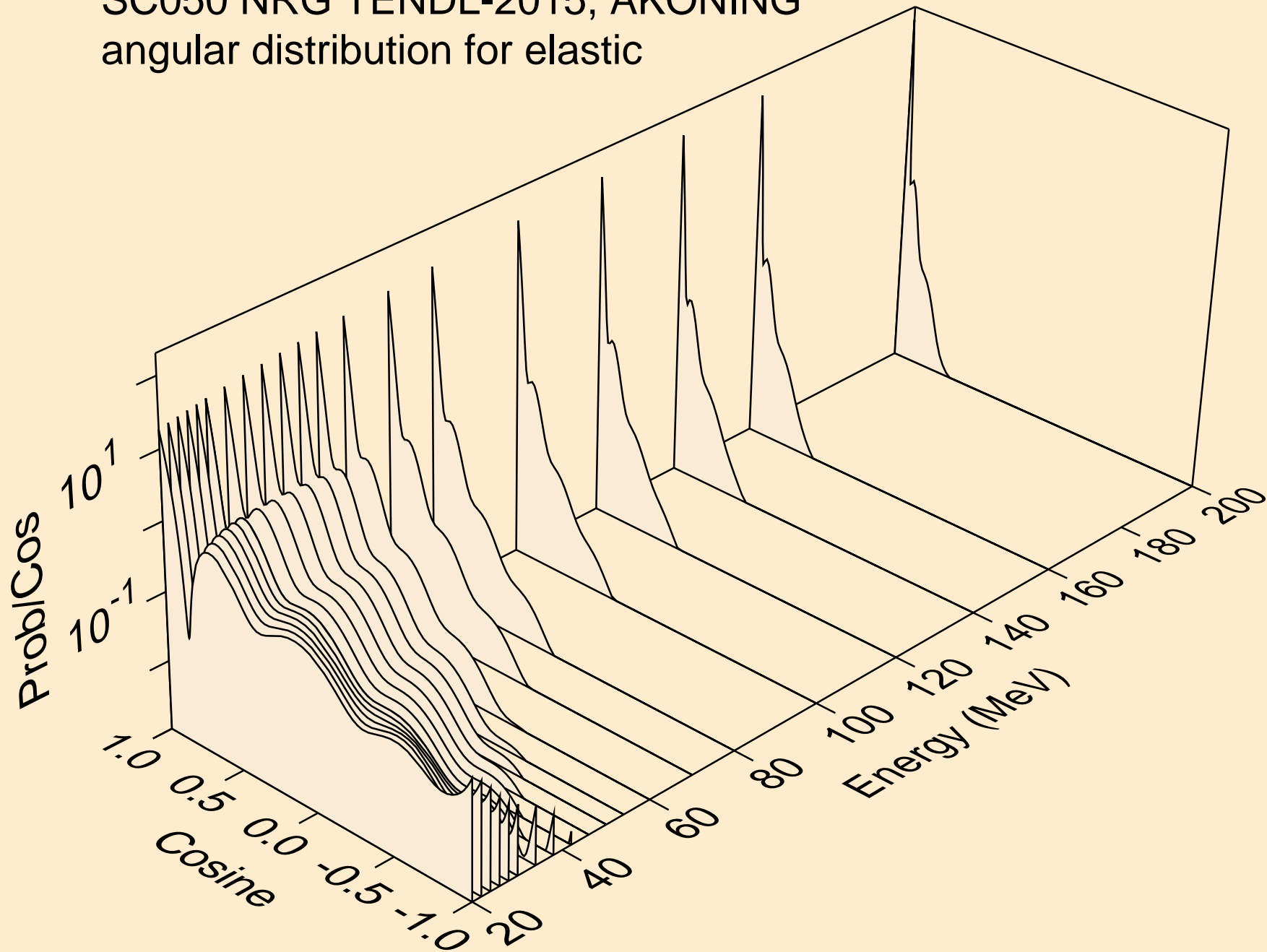
## Threshold reactions



SC050 NRG TENDL-2015, AKONING  
angular distribution for elastic

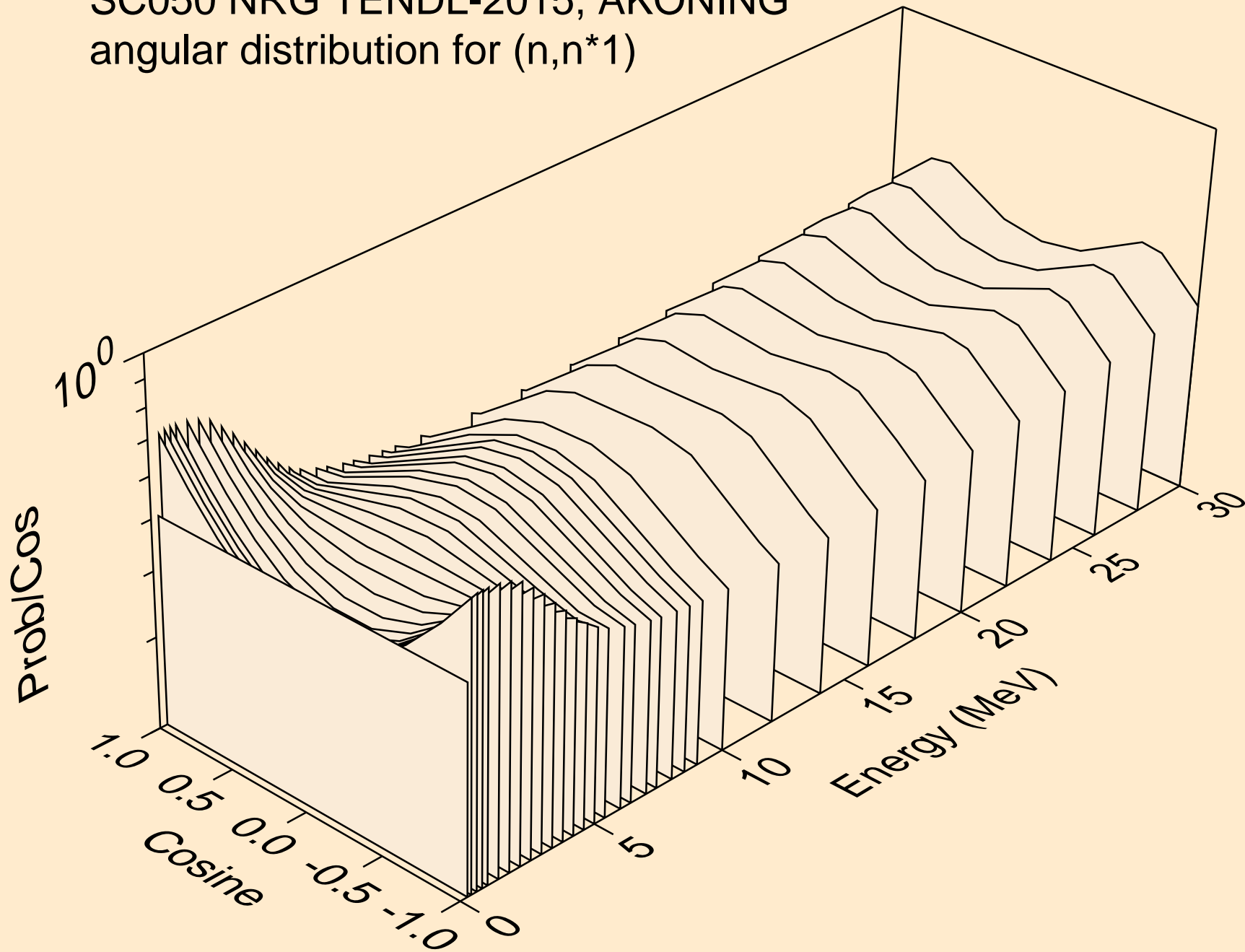


SC050 NRG TENDL-2015, AKONING  
angular distribution for elastic

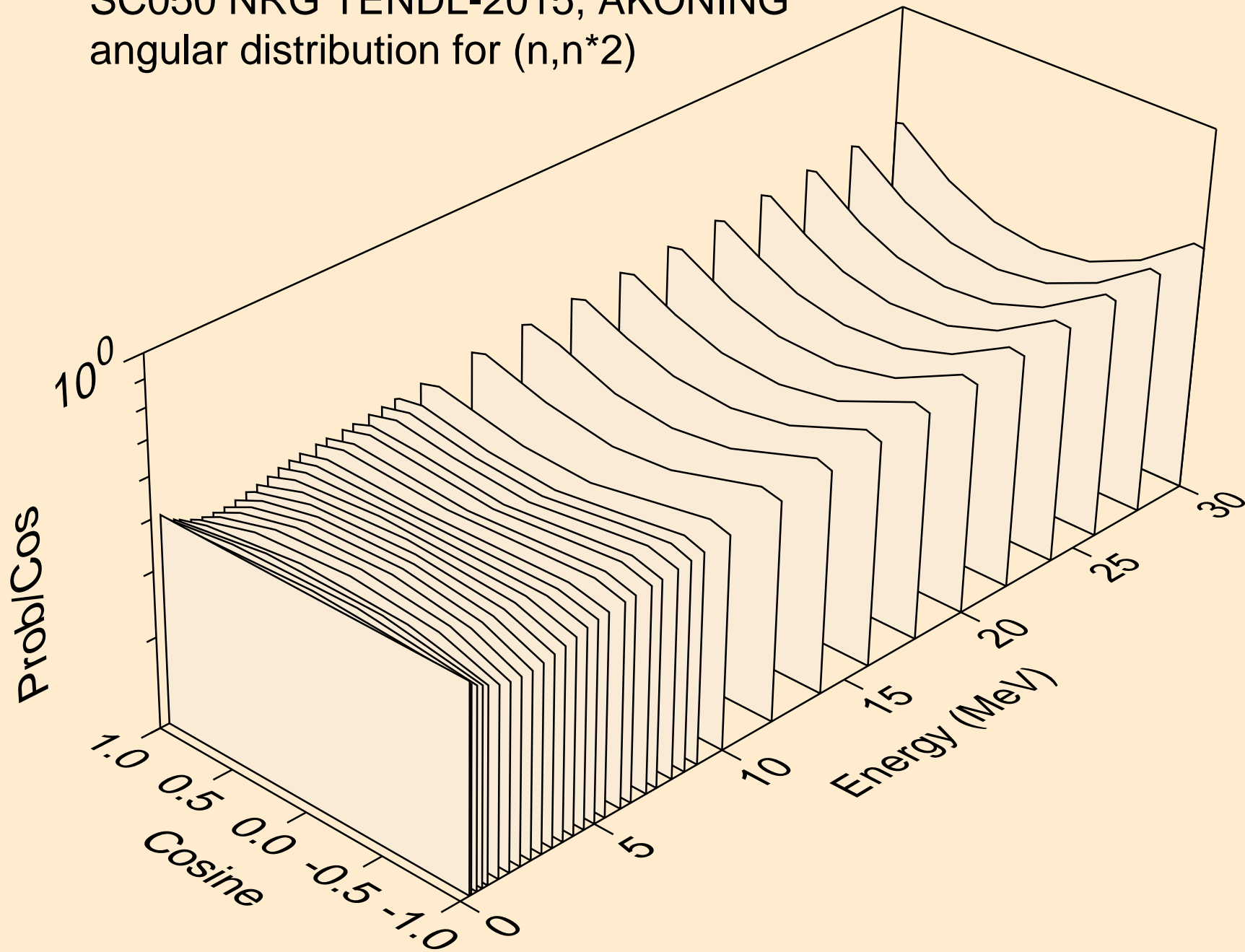




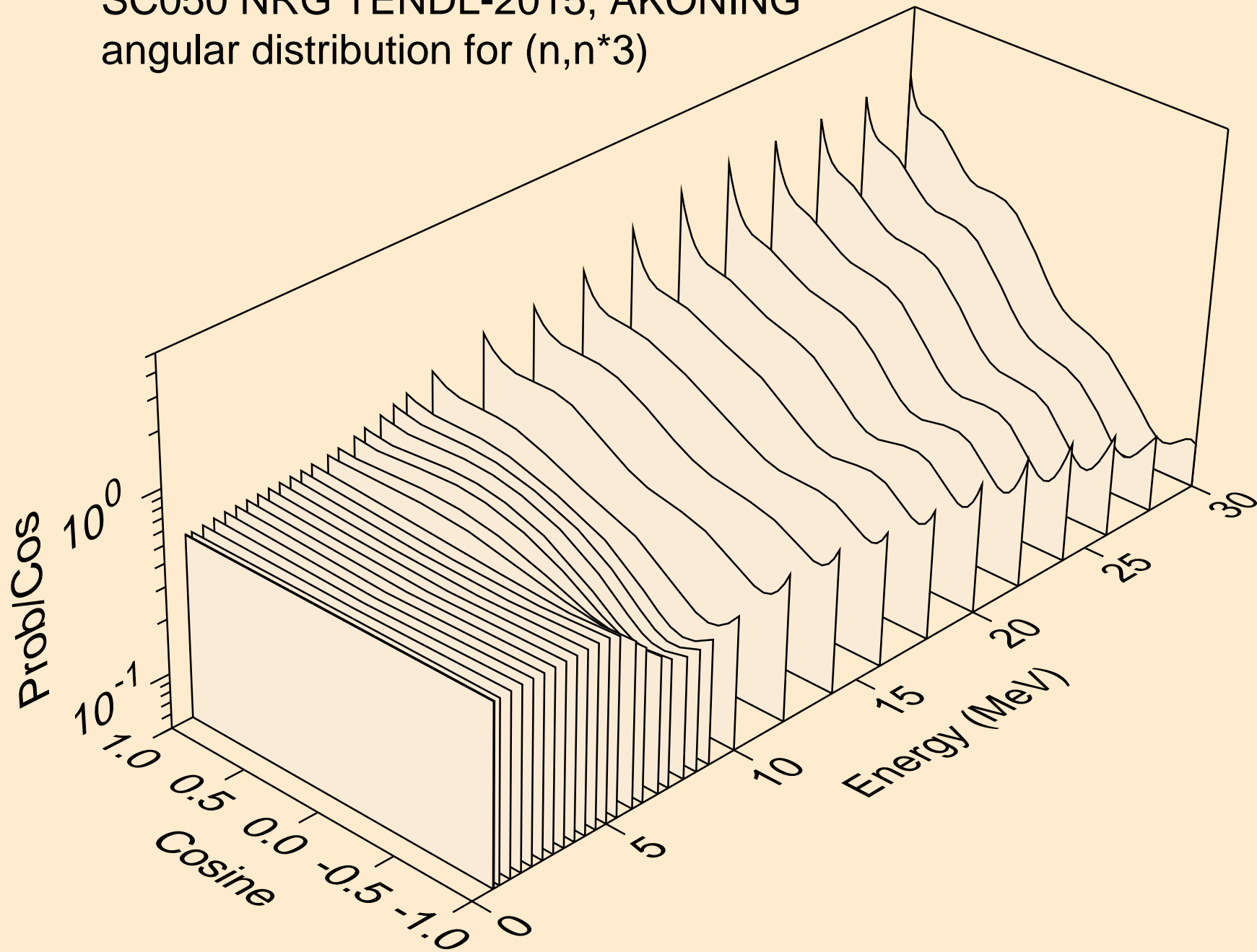
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



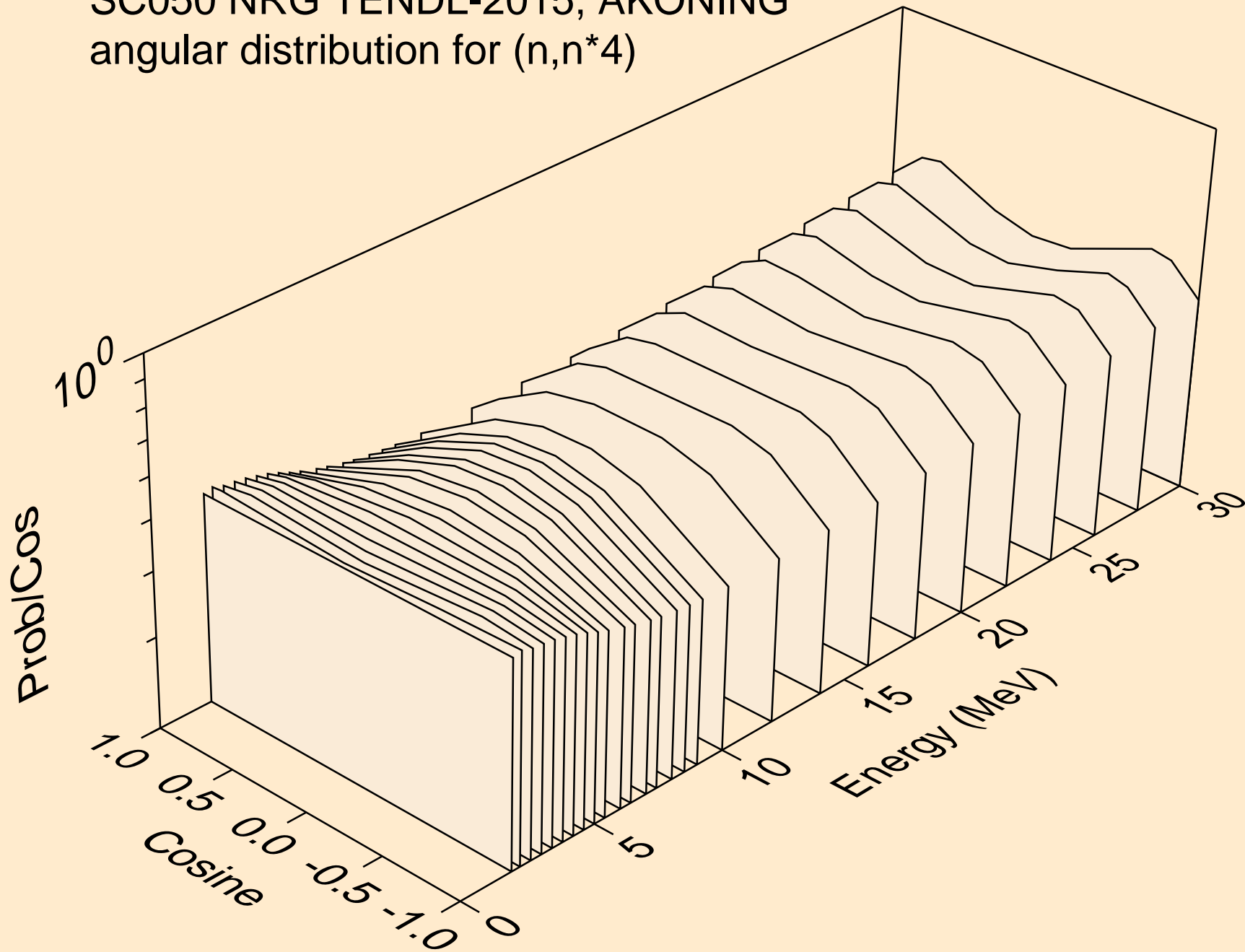
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



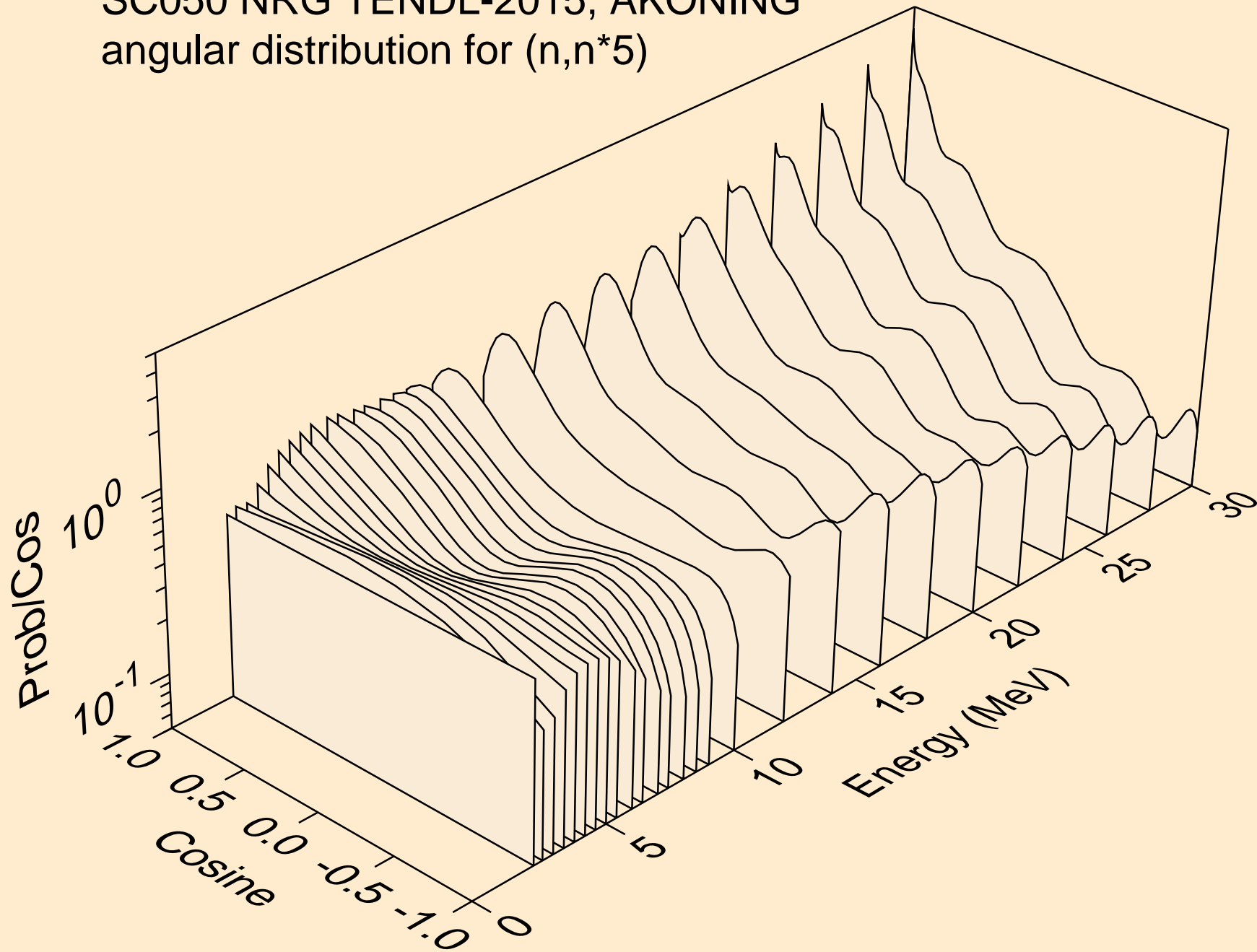
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



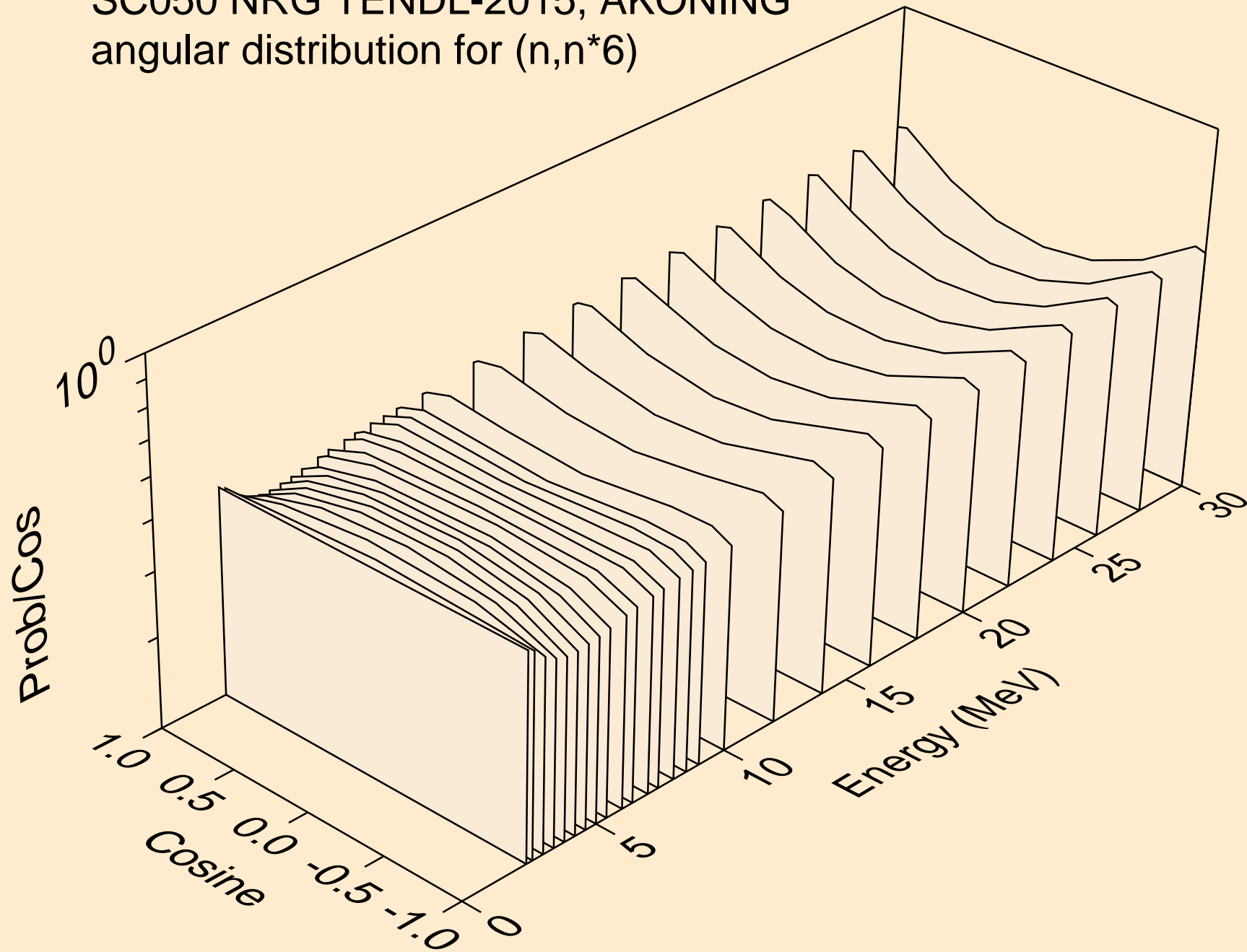
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



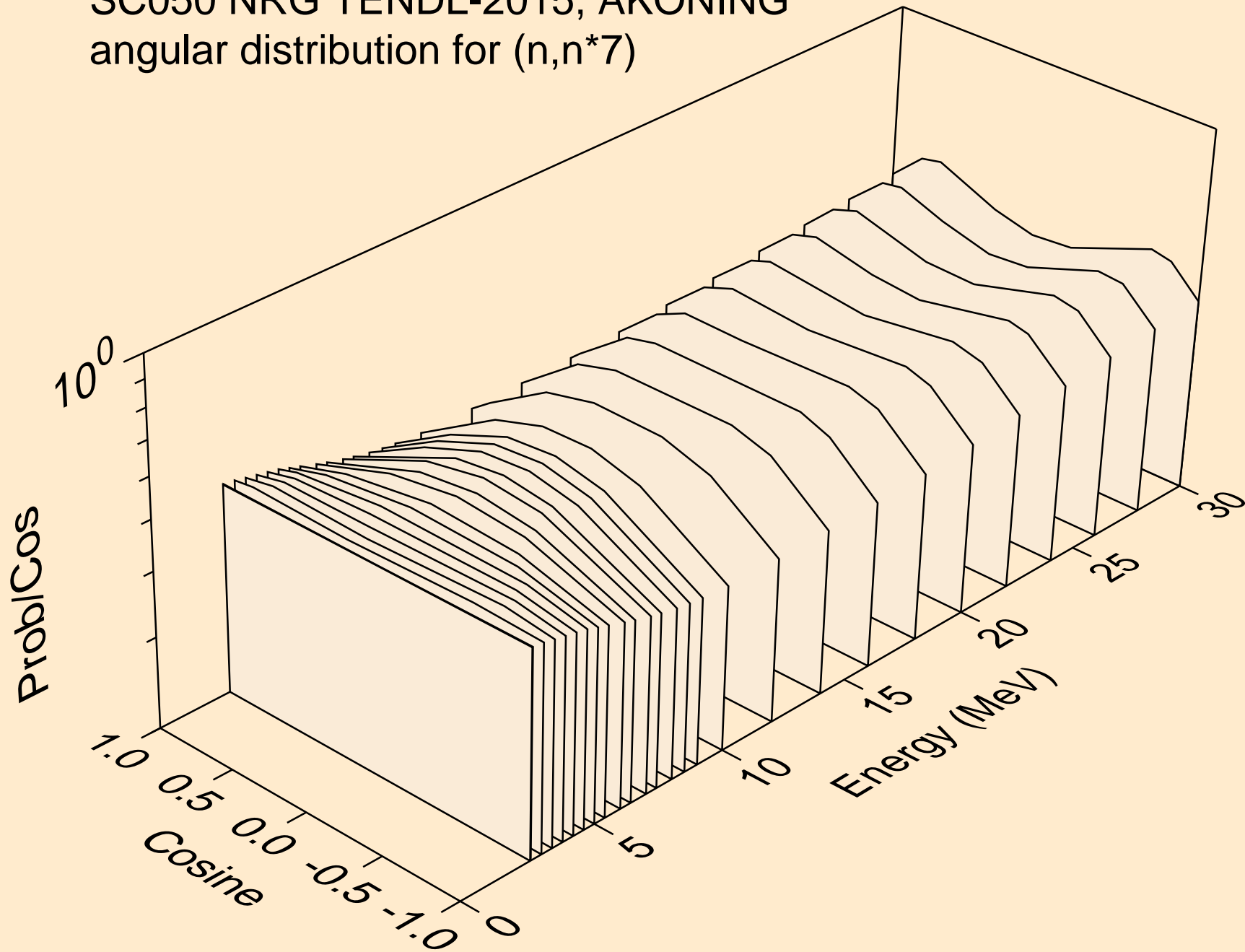
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



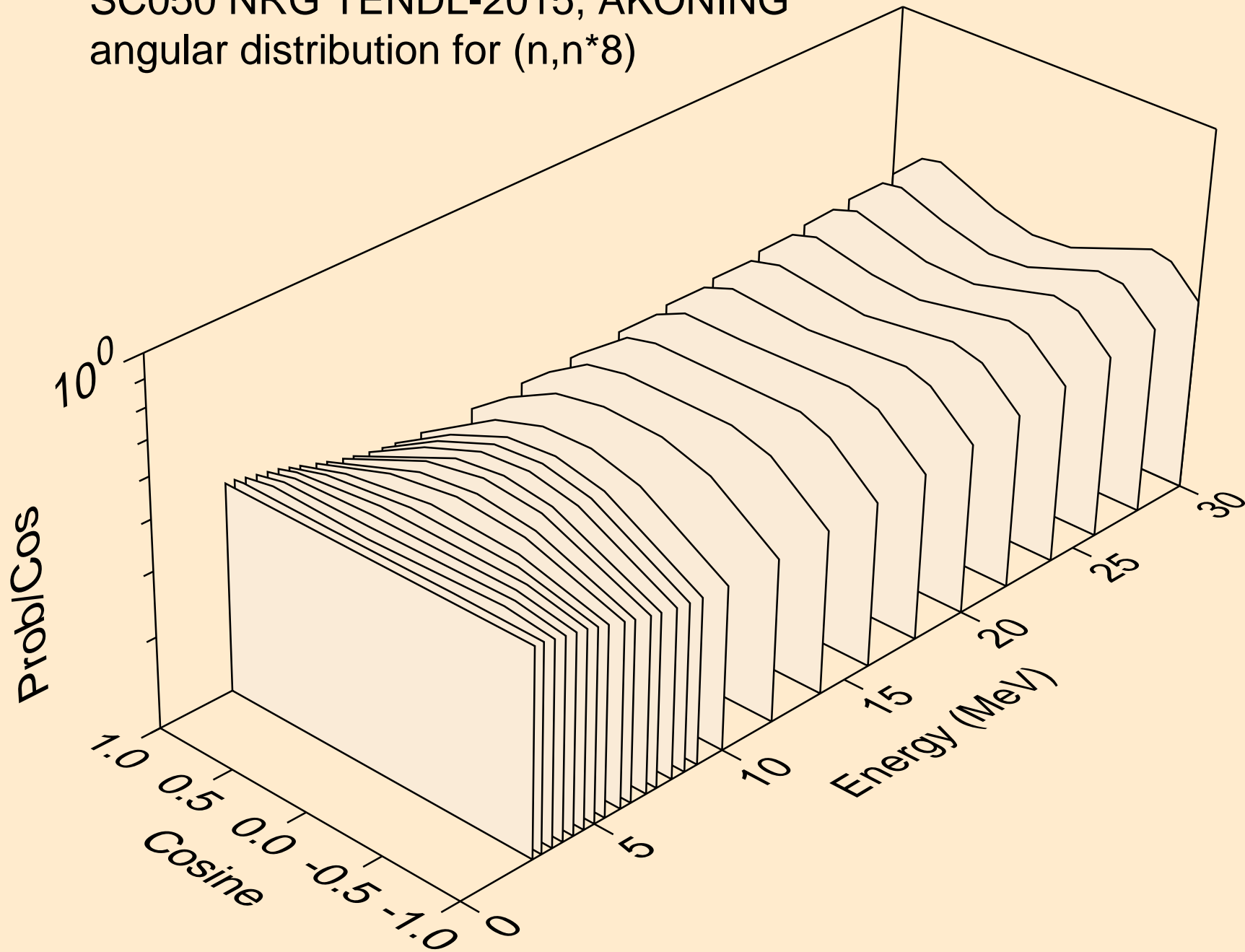
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

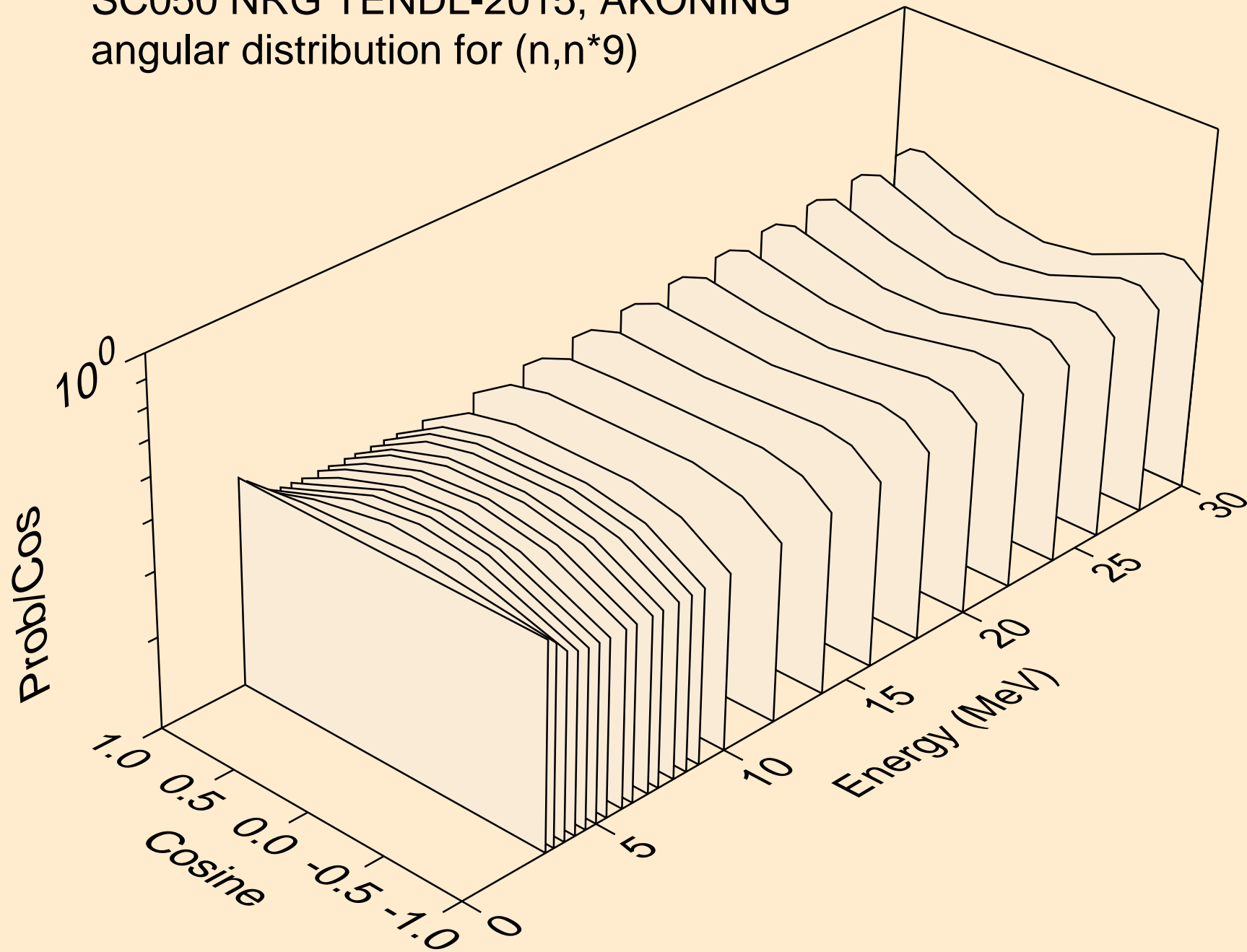


SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

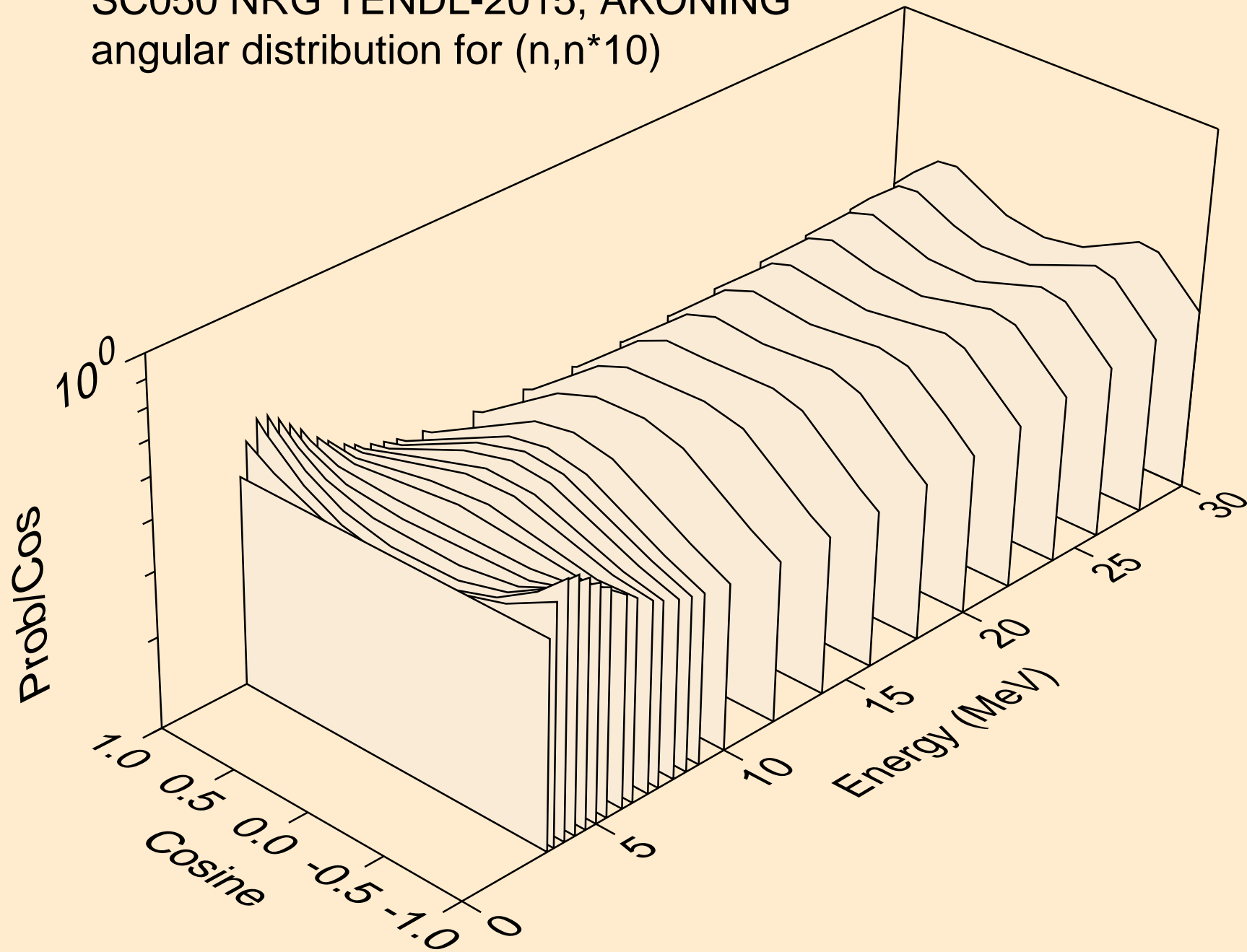




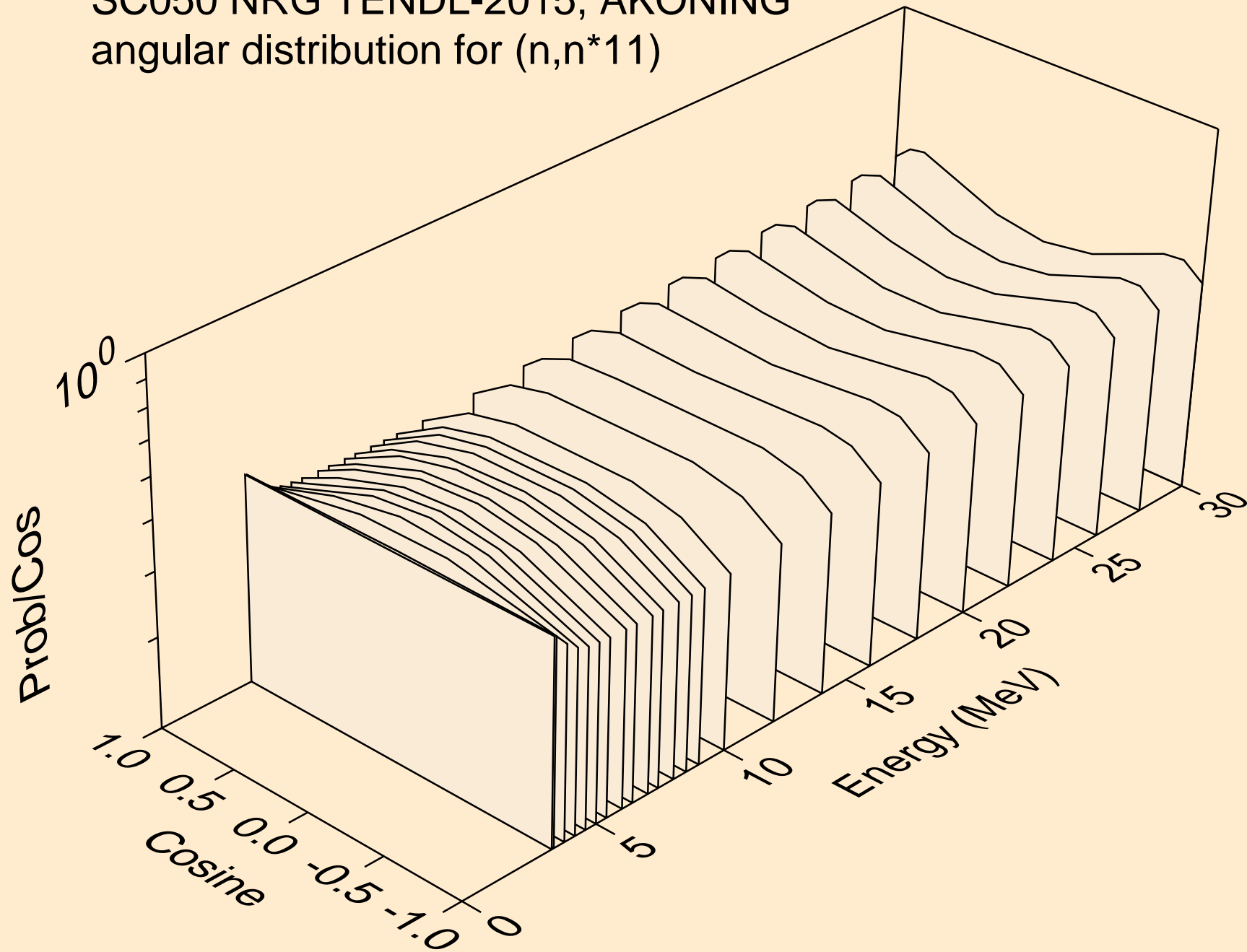
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



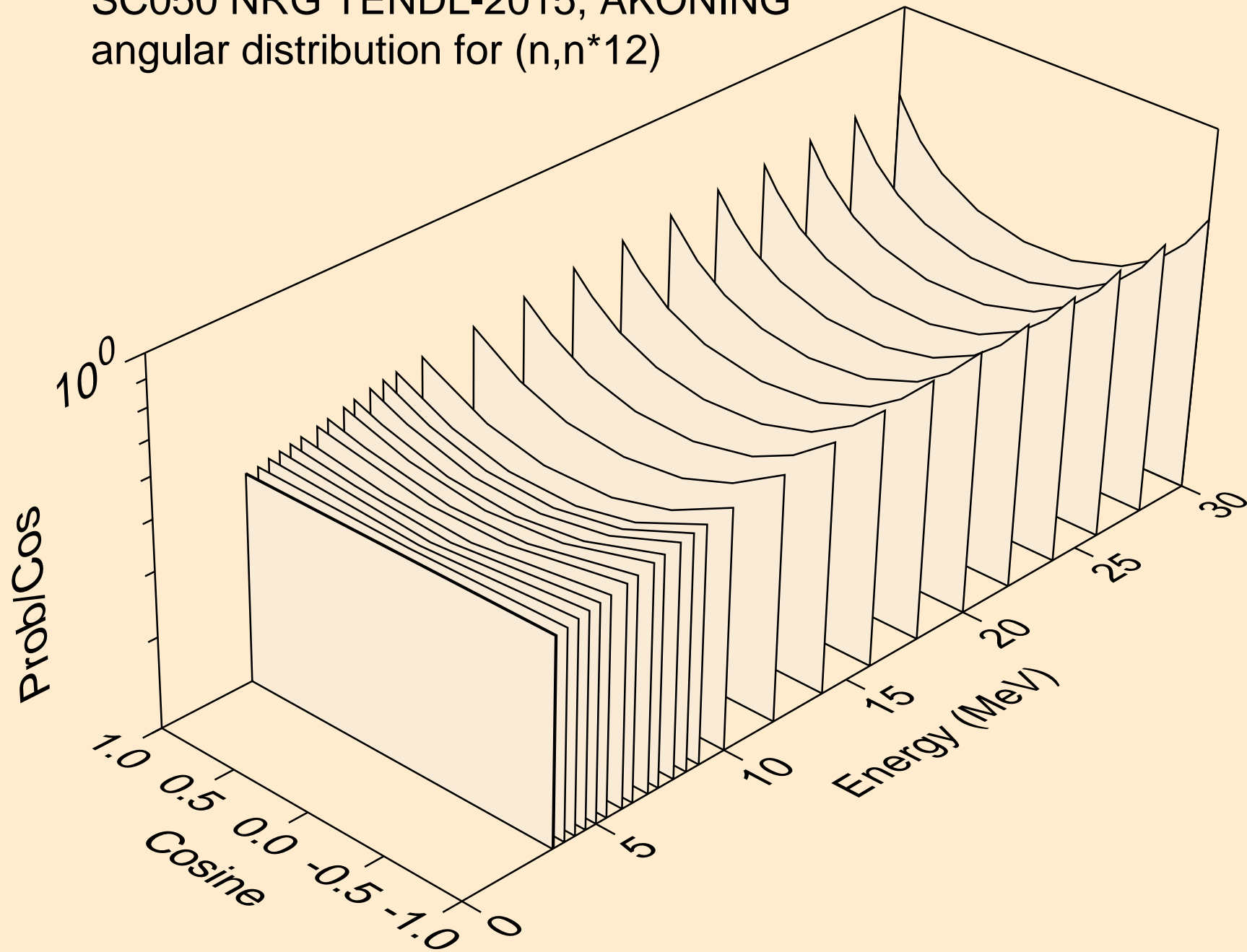
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



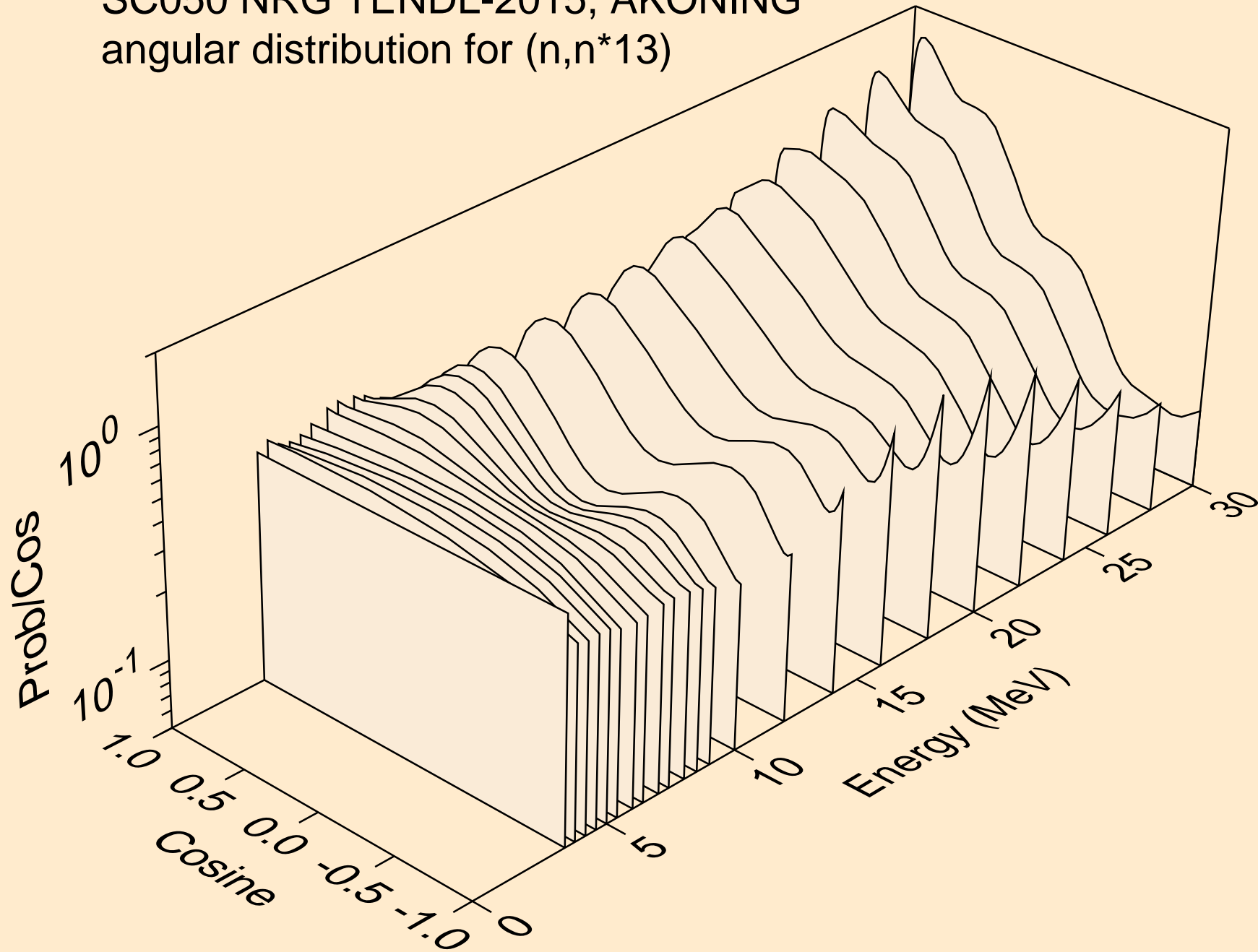
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



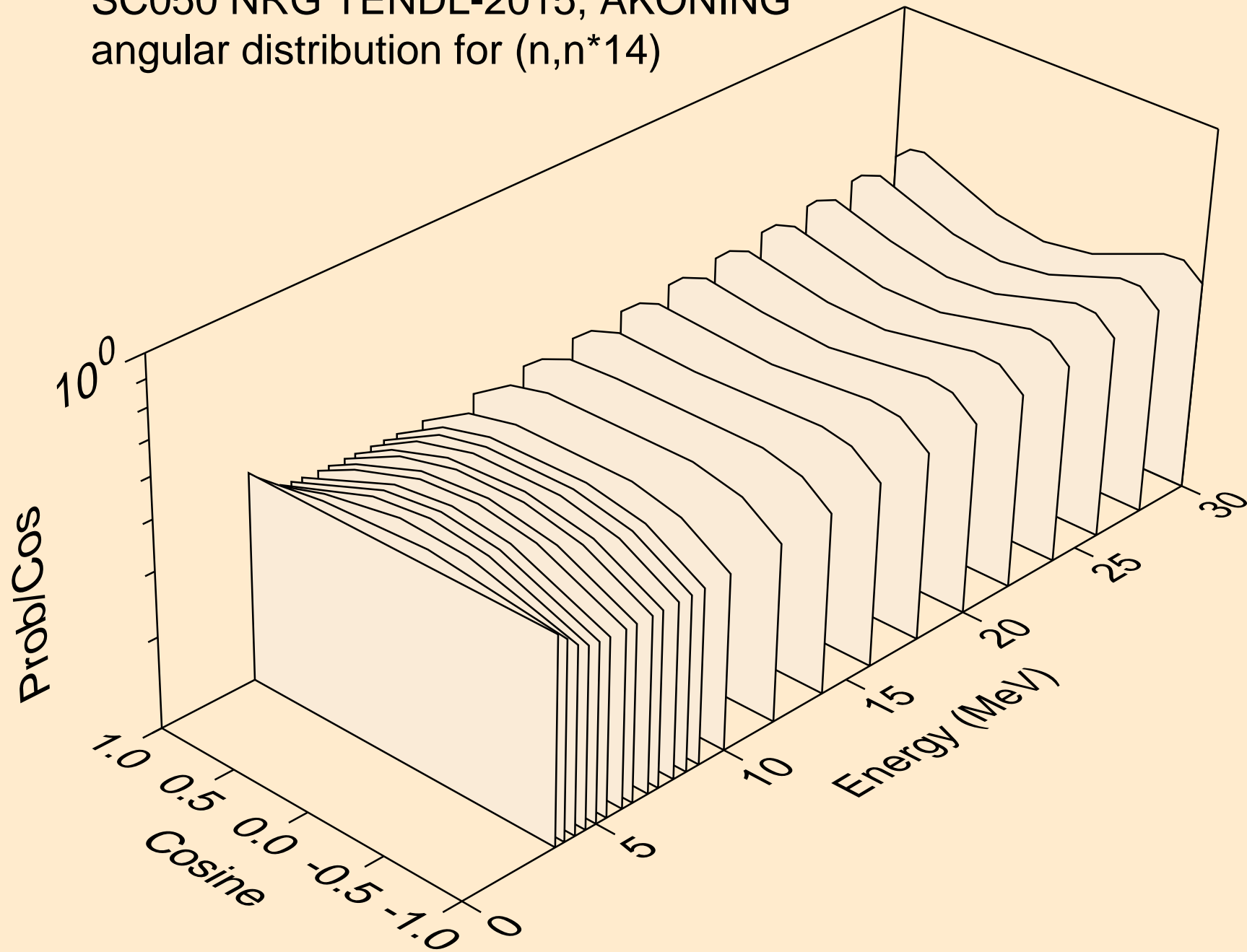
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



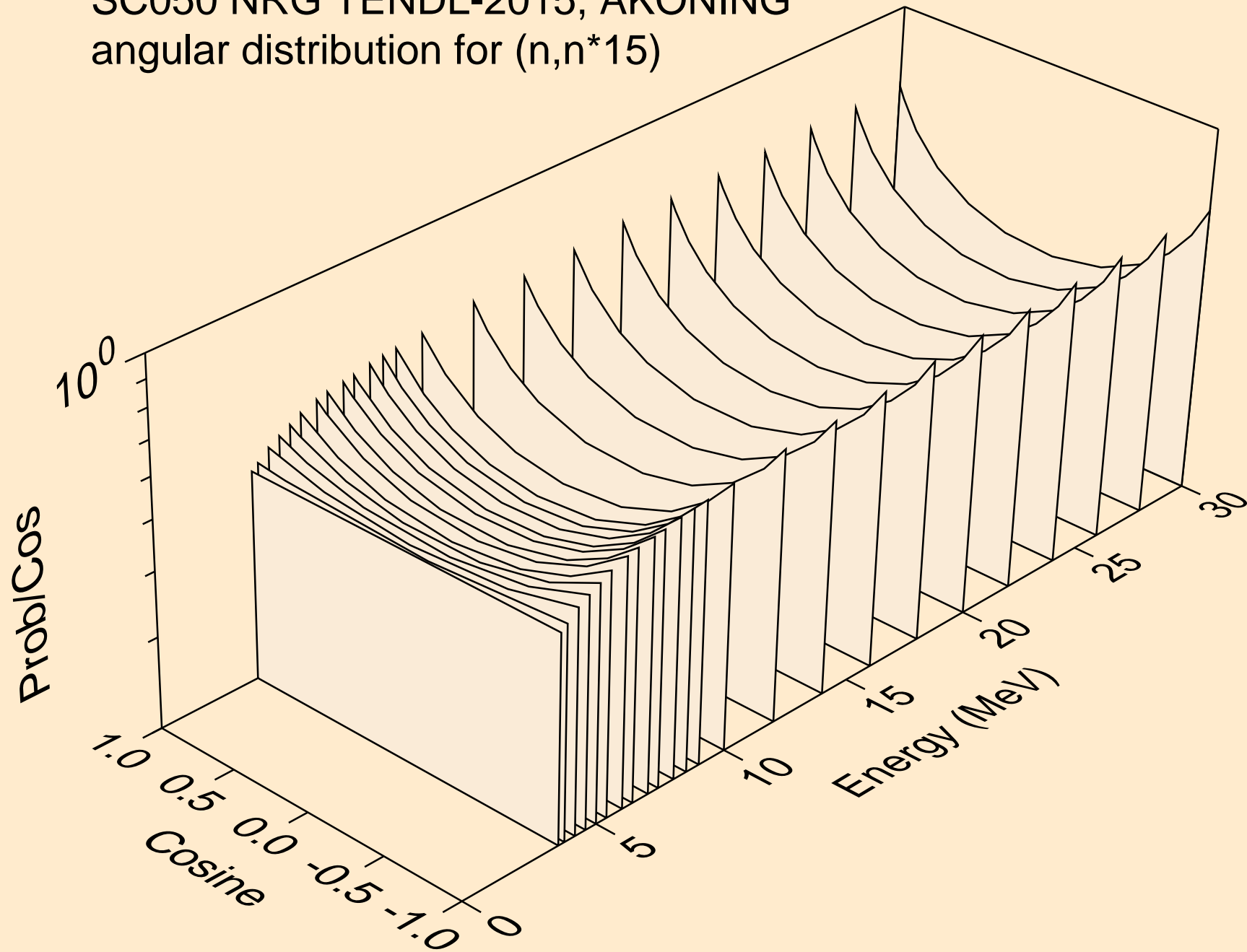
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



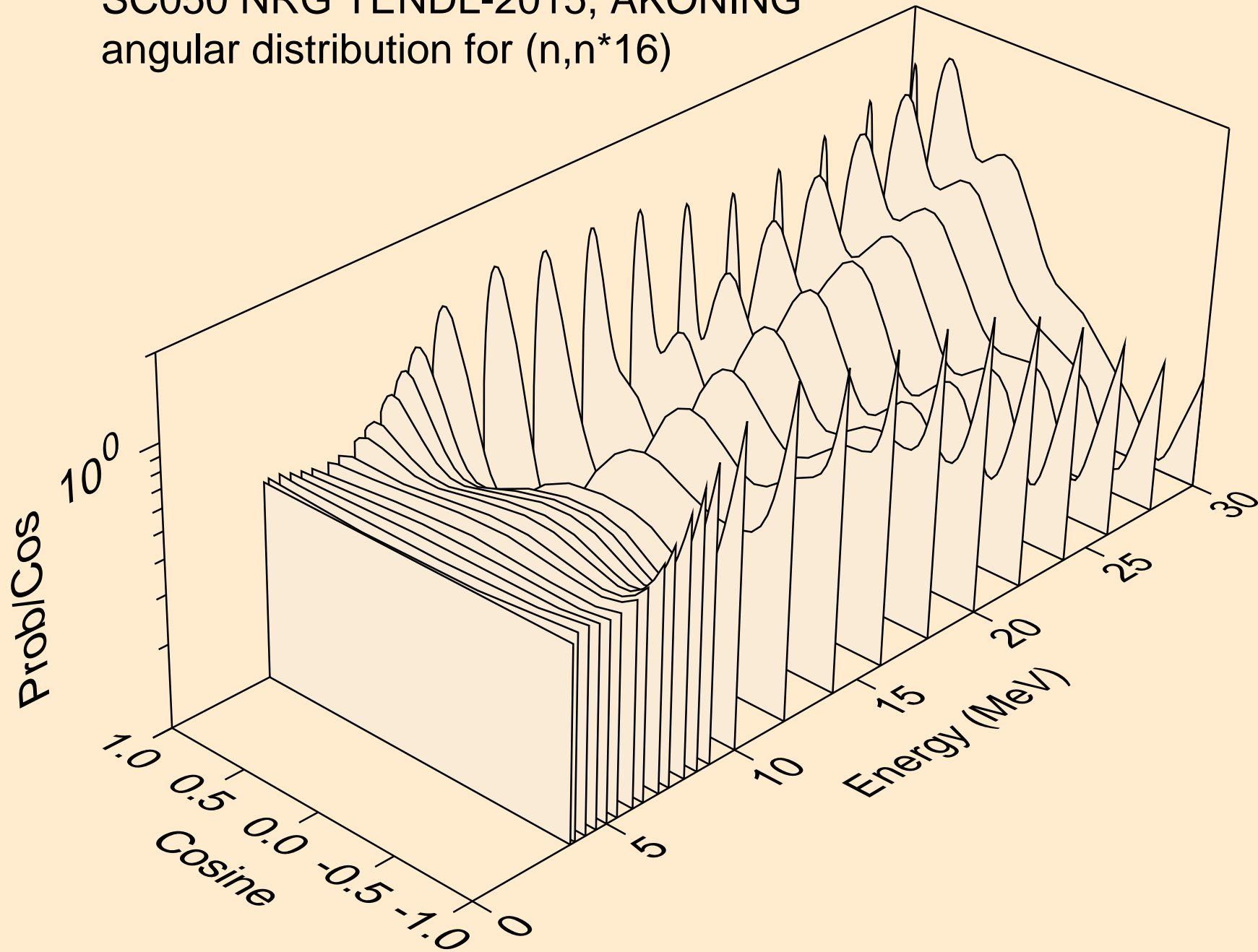
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

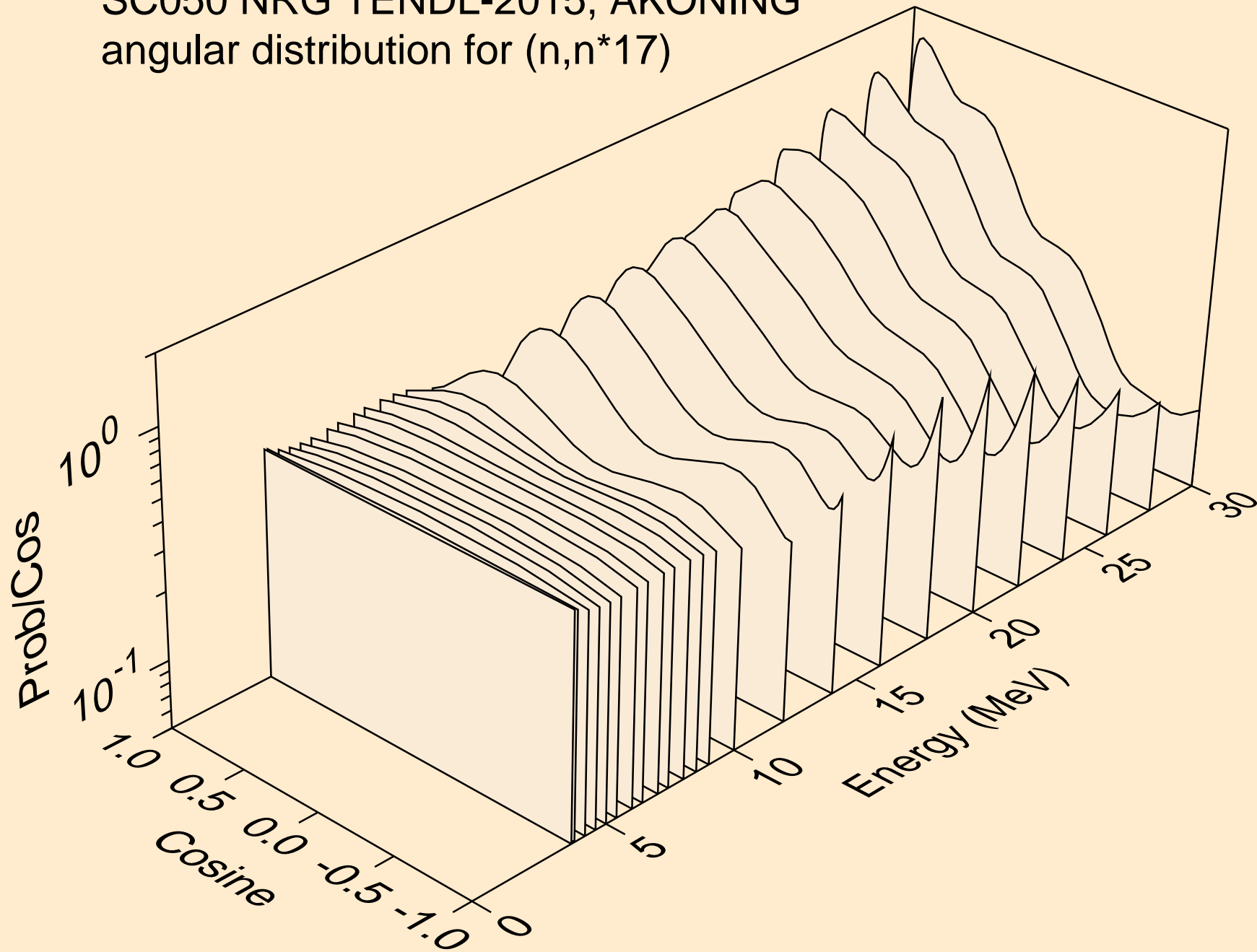


SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

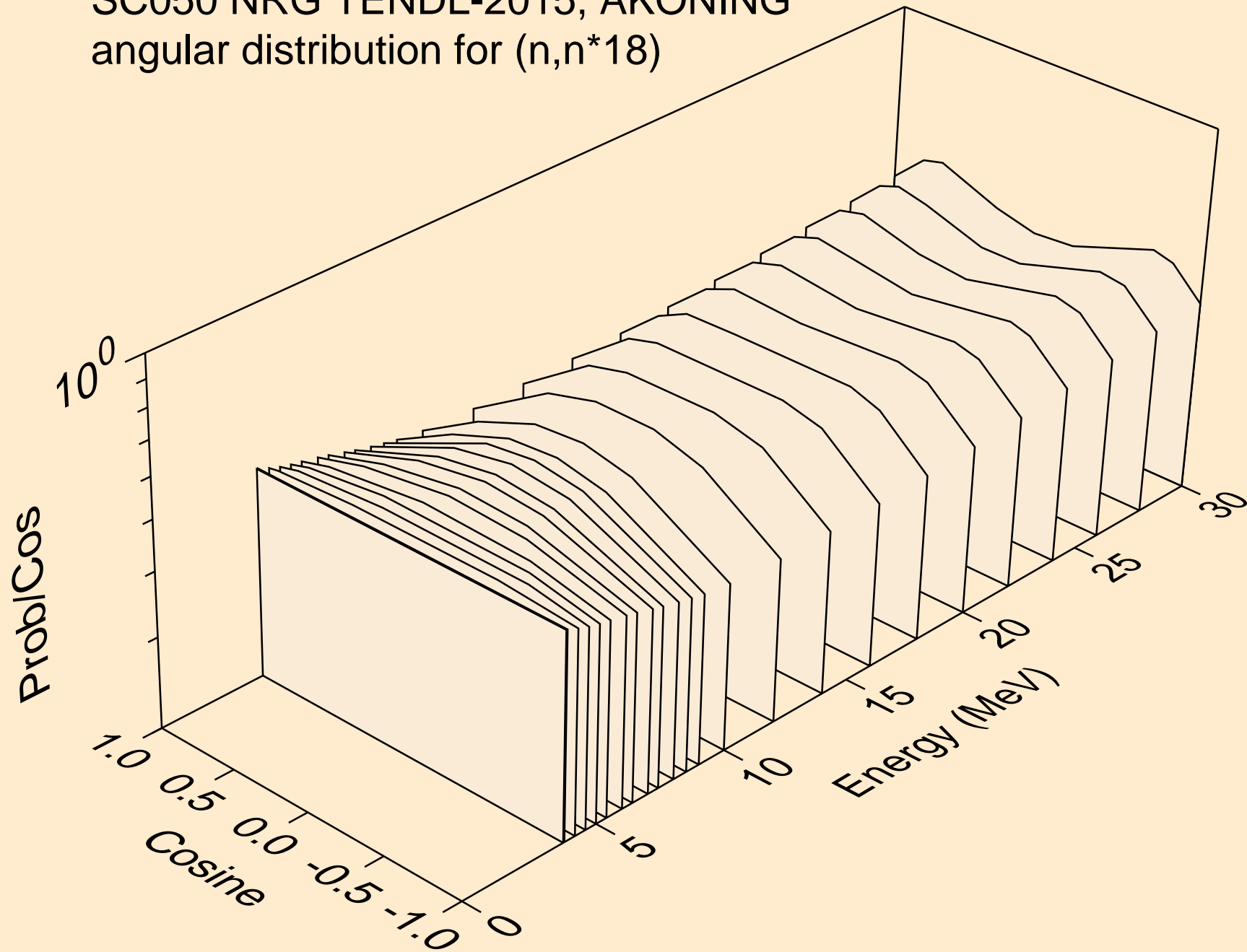




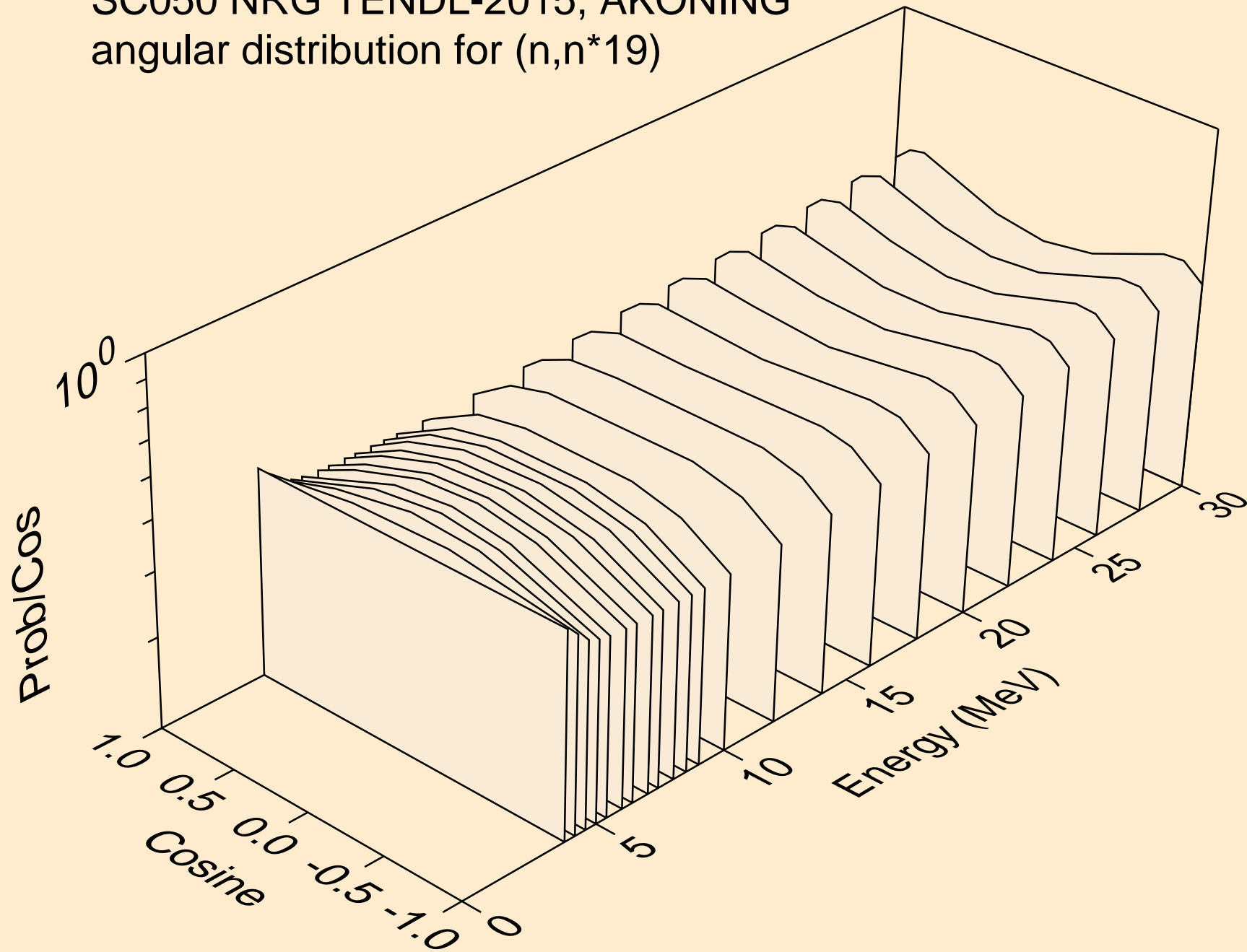
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angular distribution for (n,n\*17)



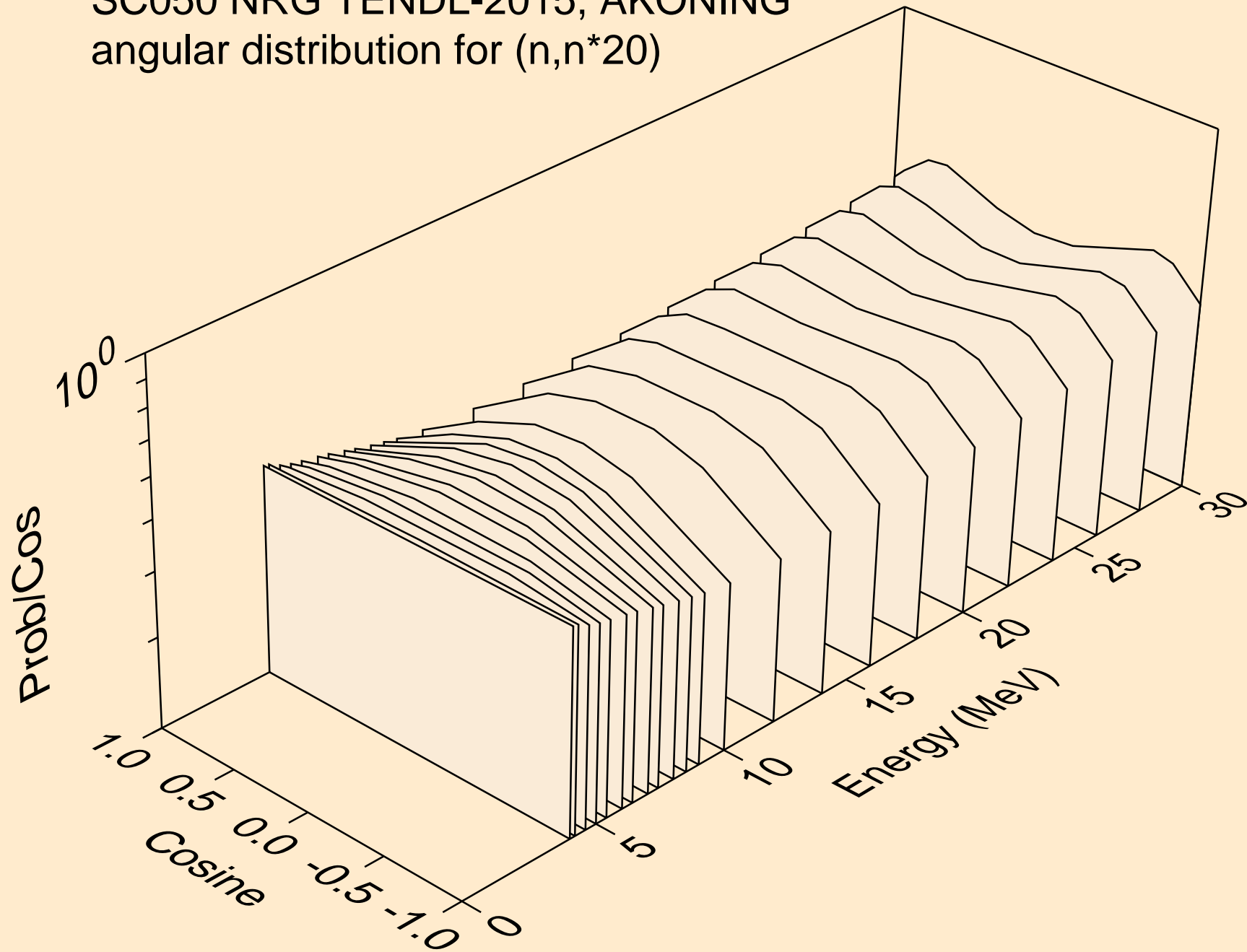
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



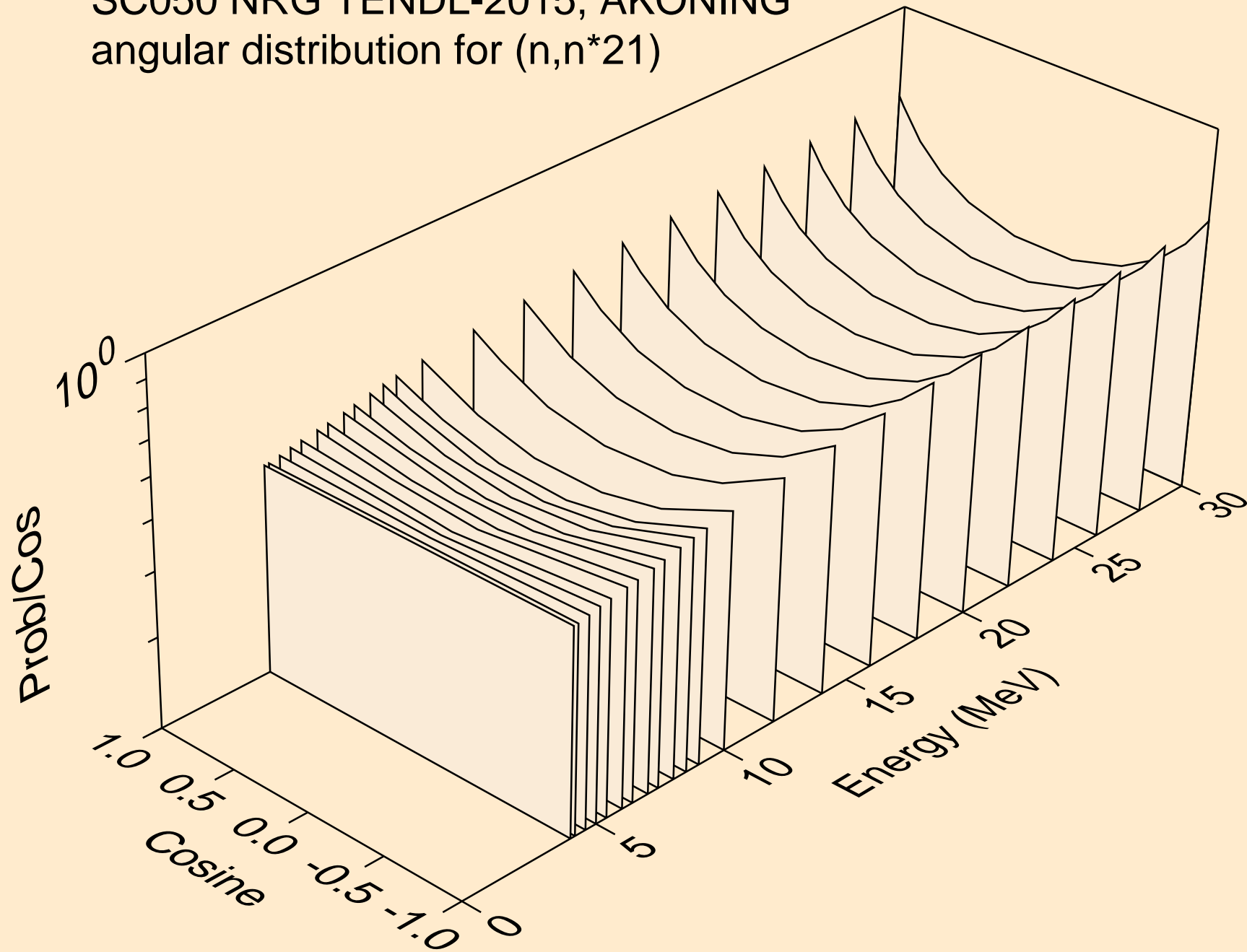
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angular distribution for (n,n\*19)



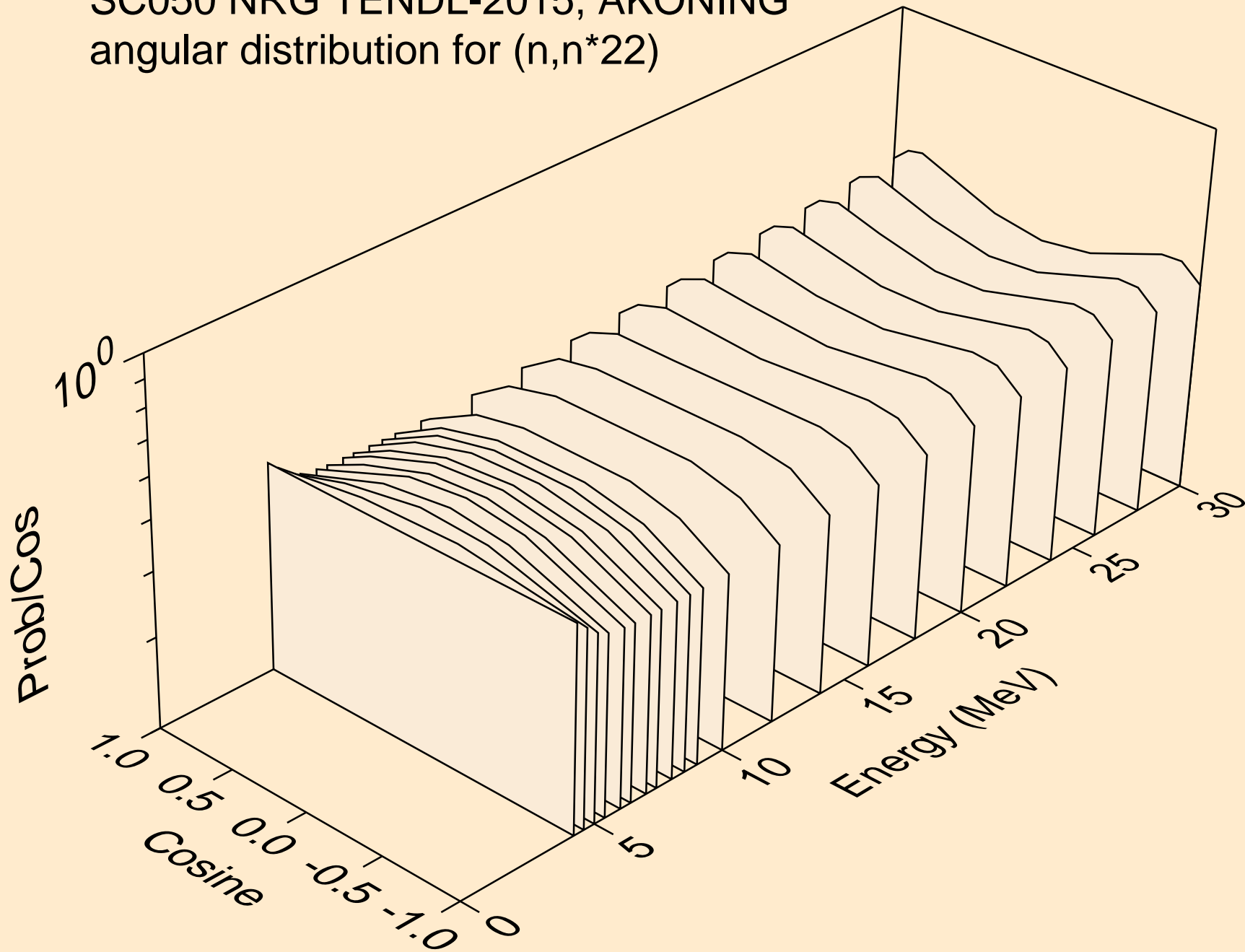
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



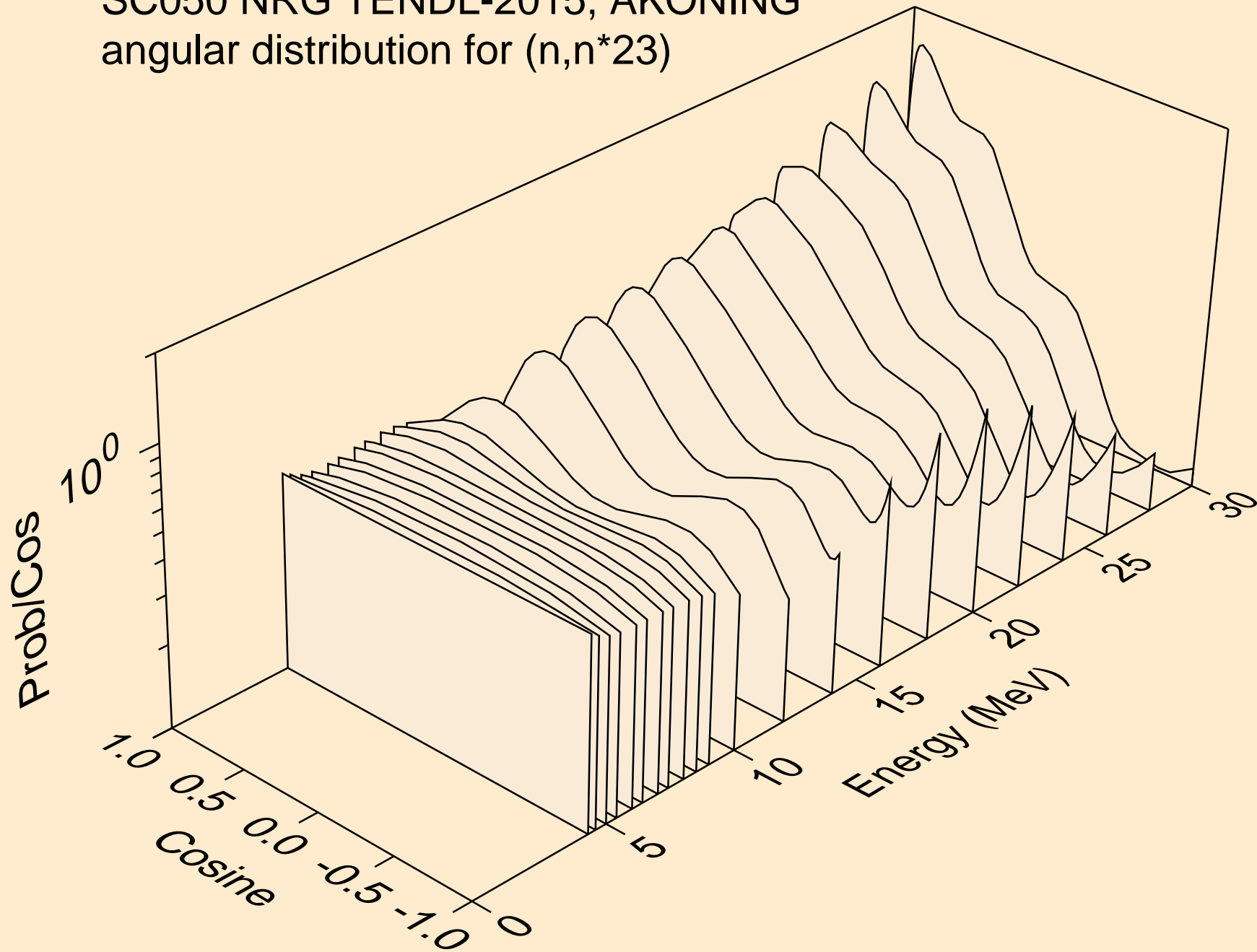
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



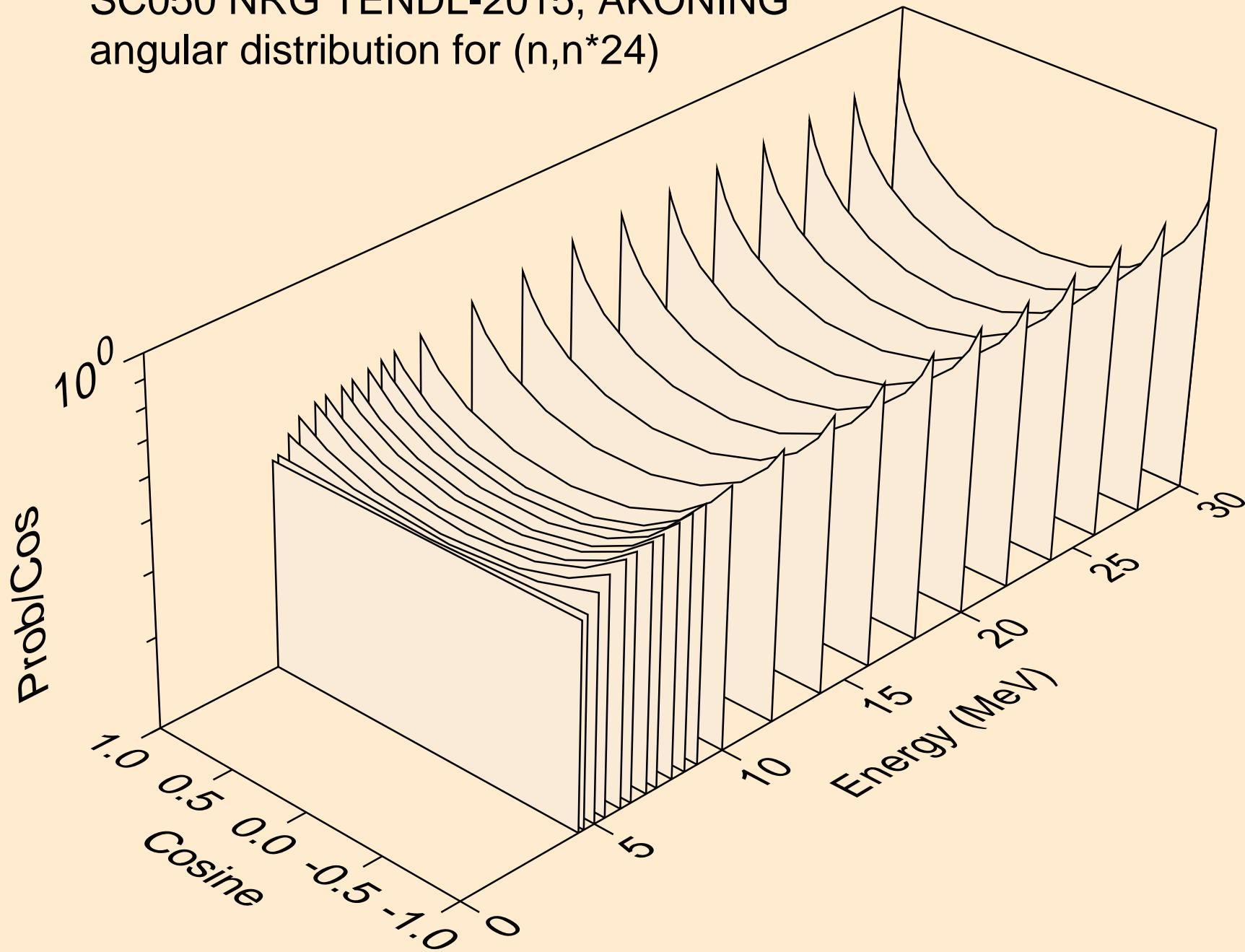
SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

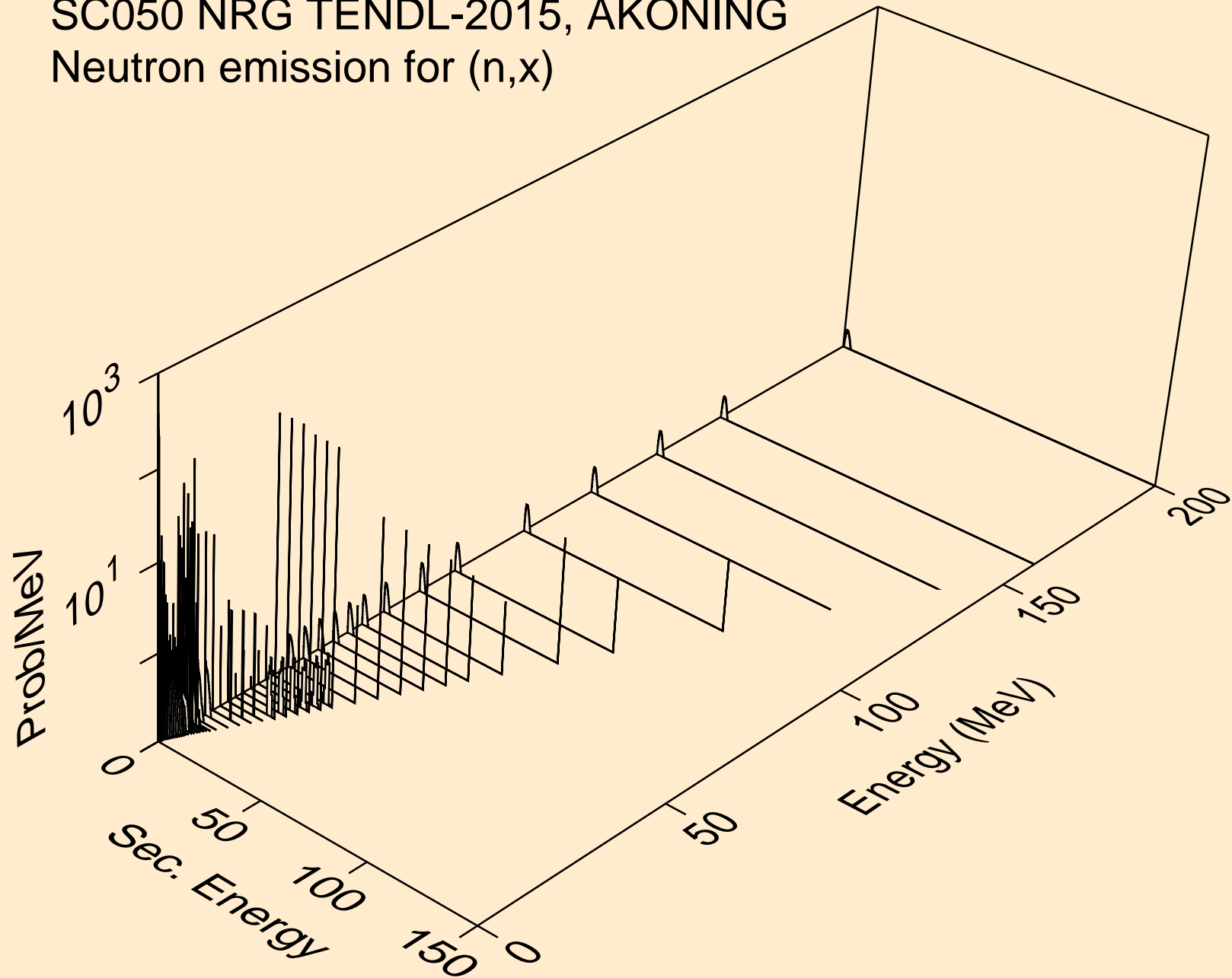


SC050 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

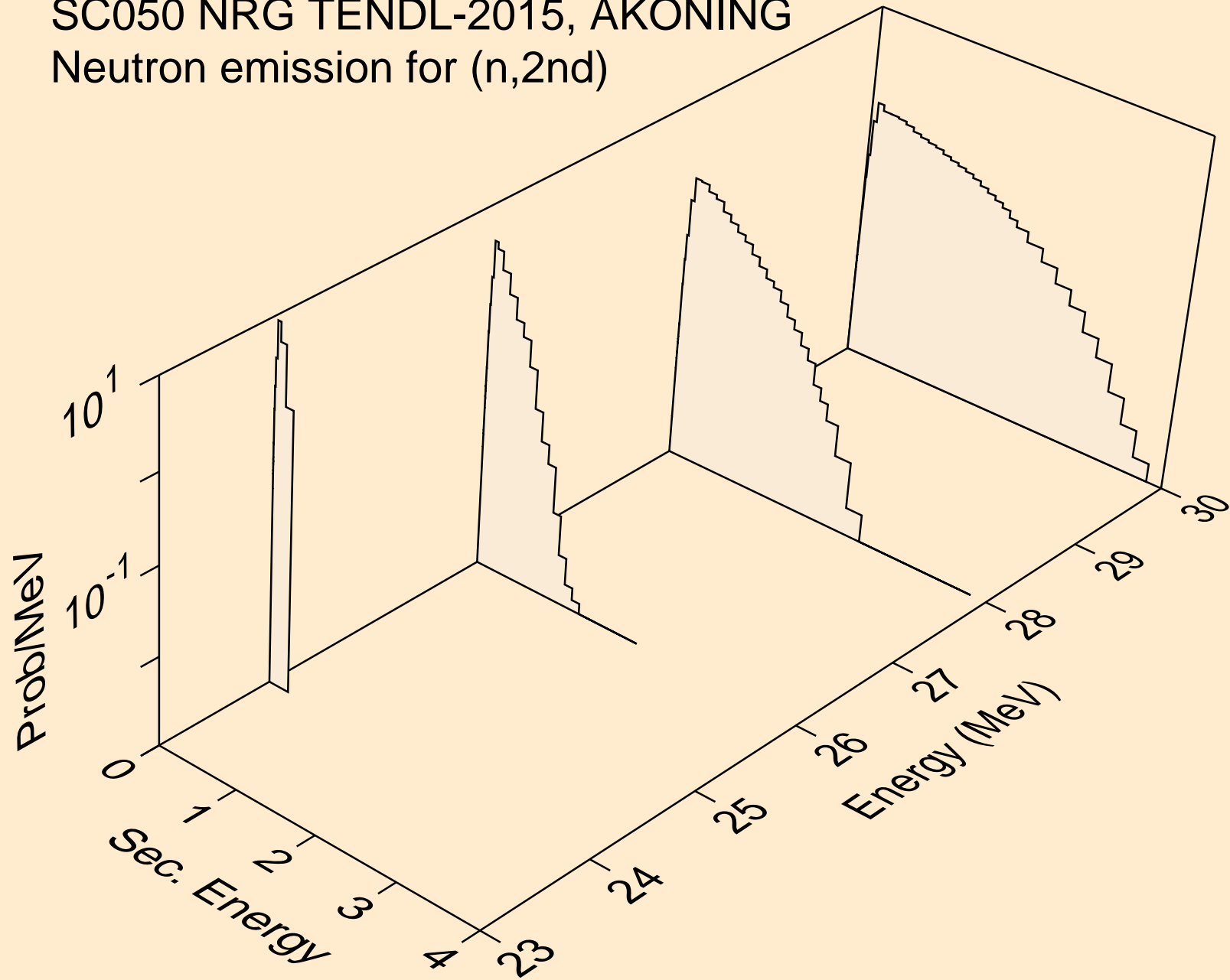




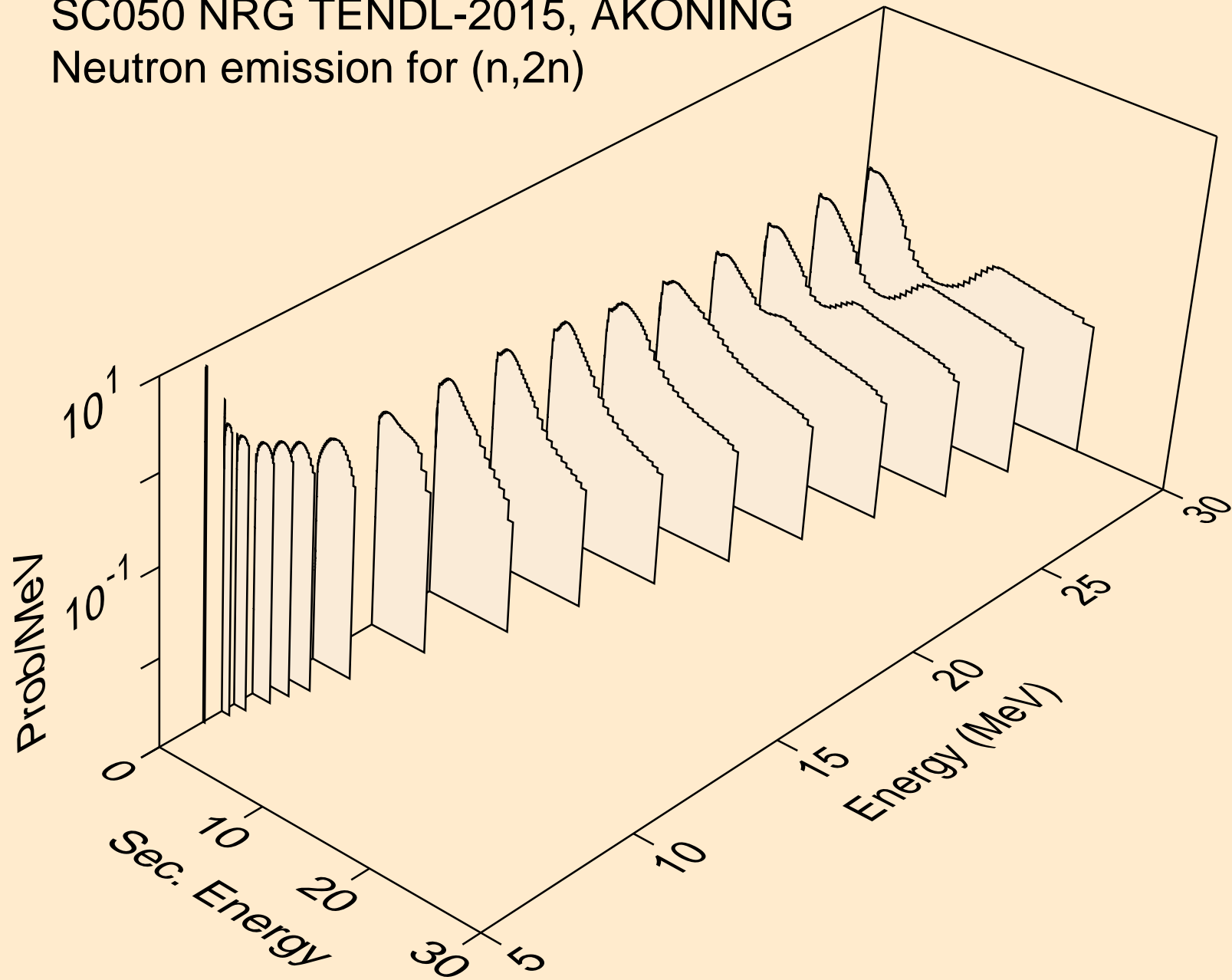
SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



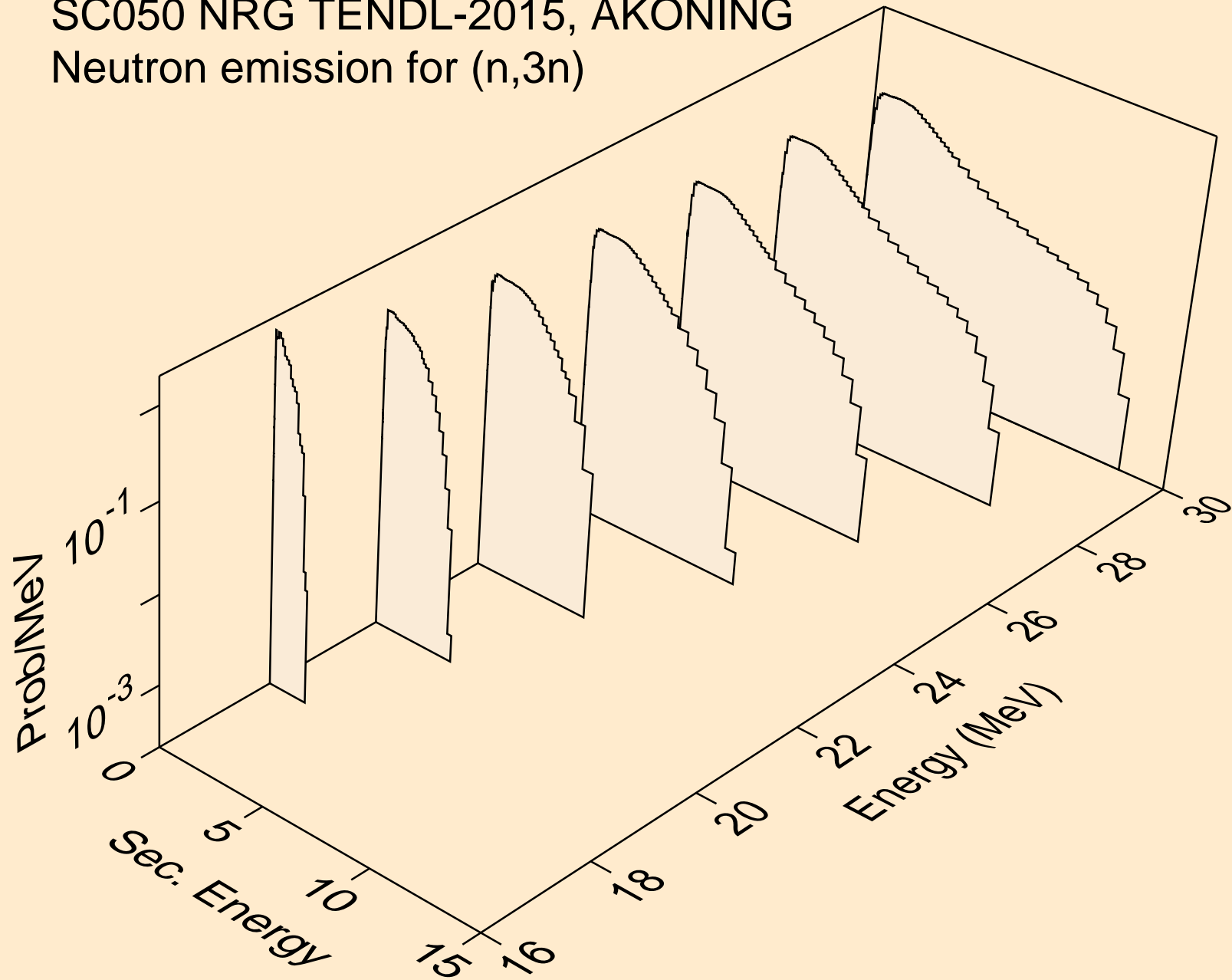
SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



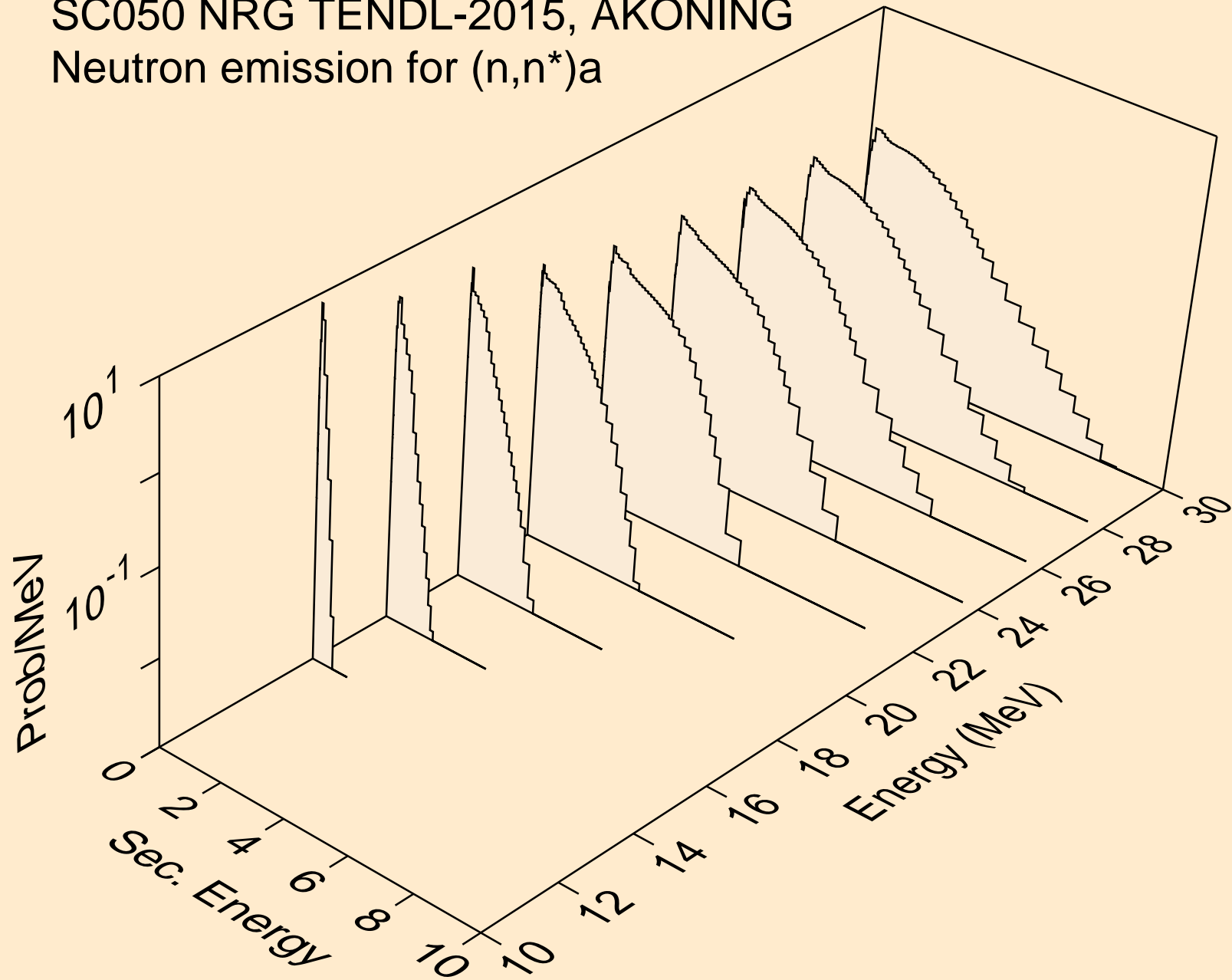
SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



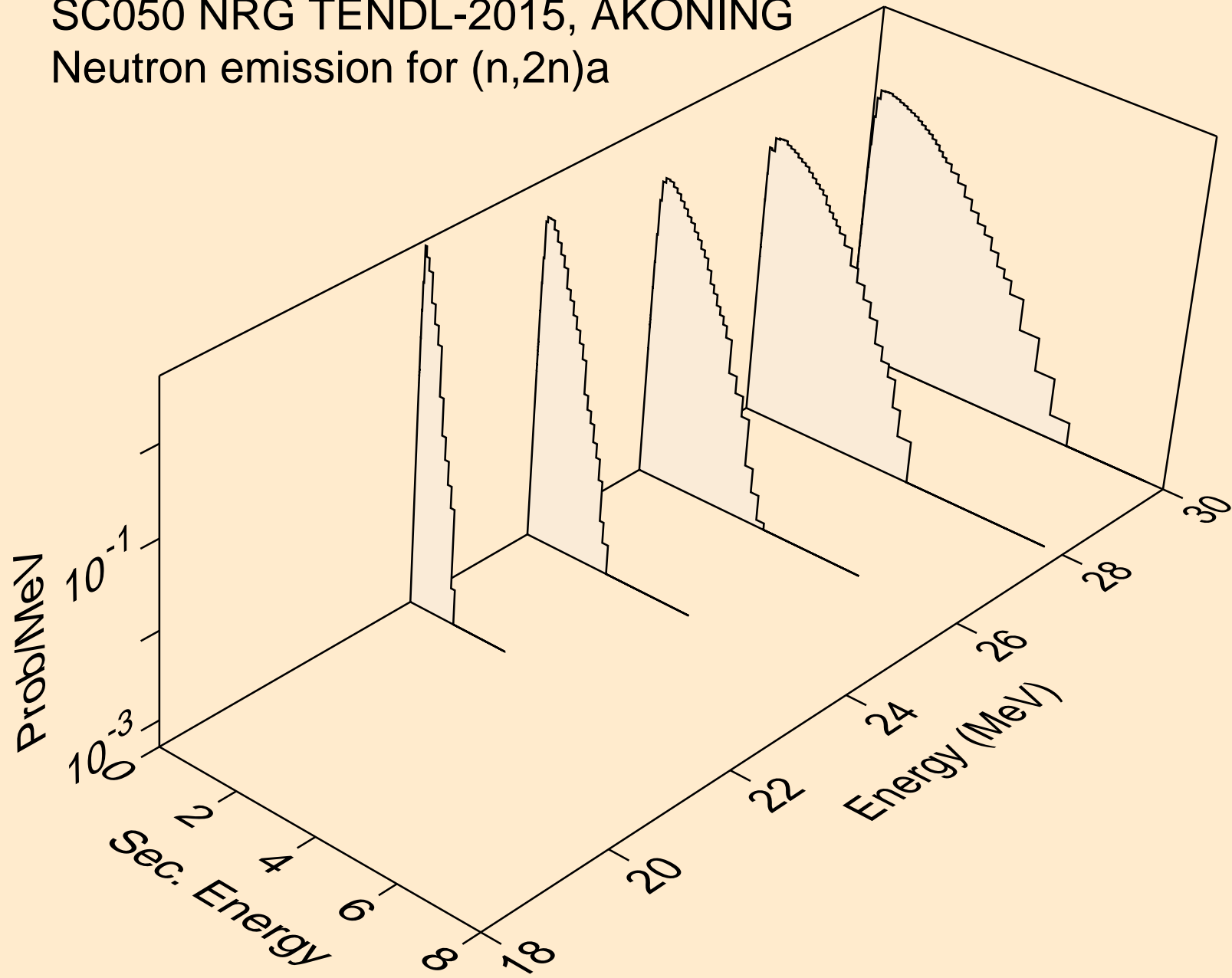
SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



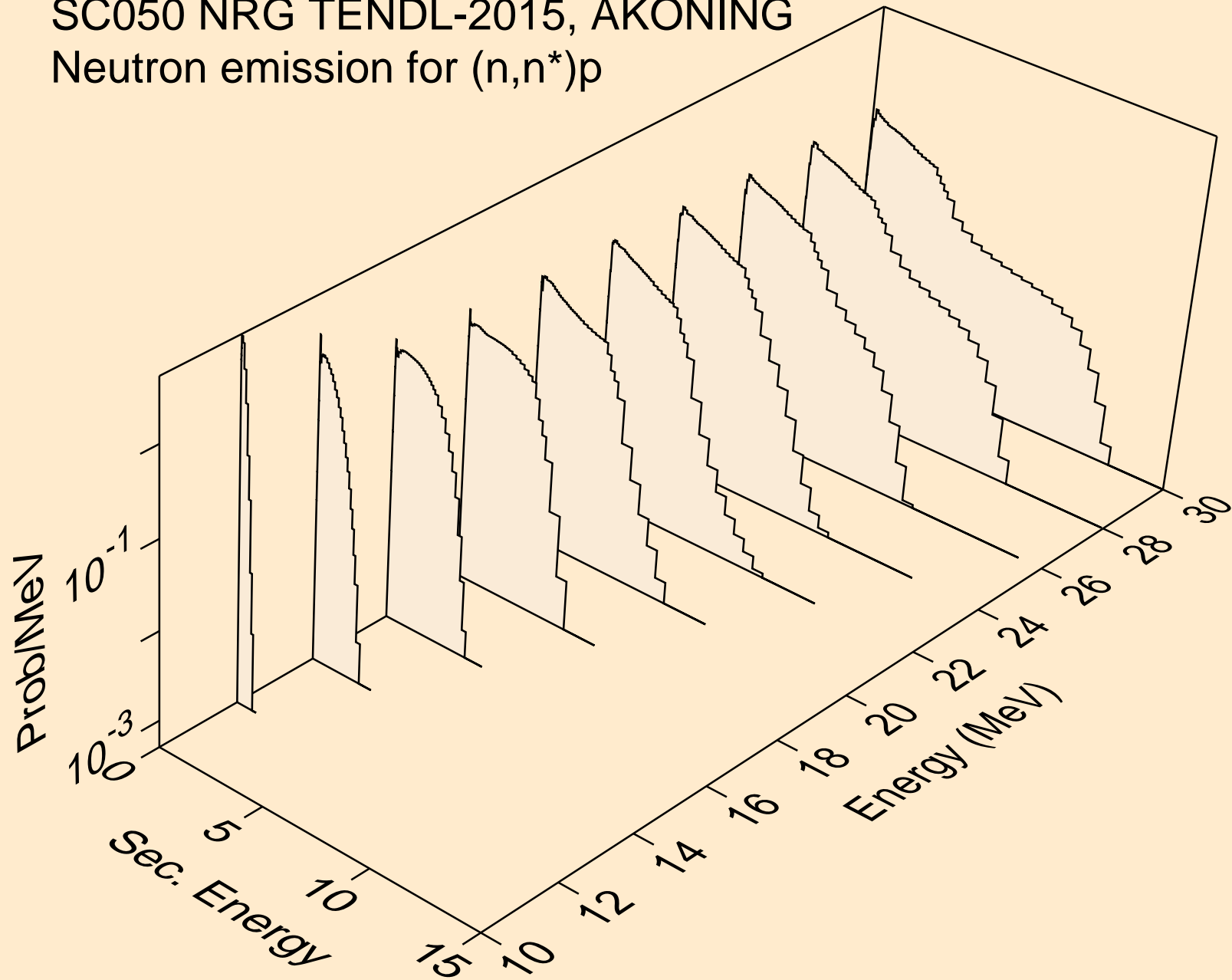
SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



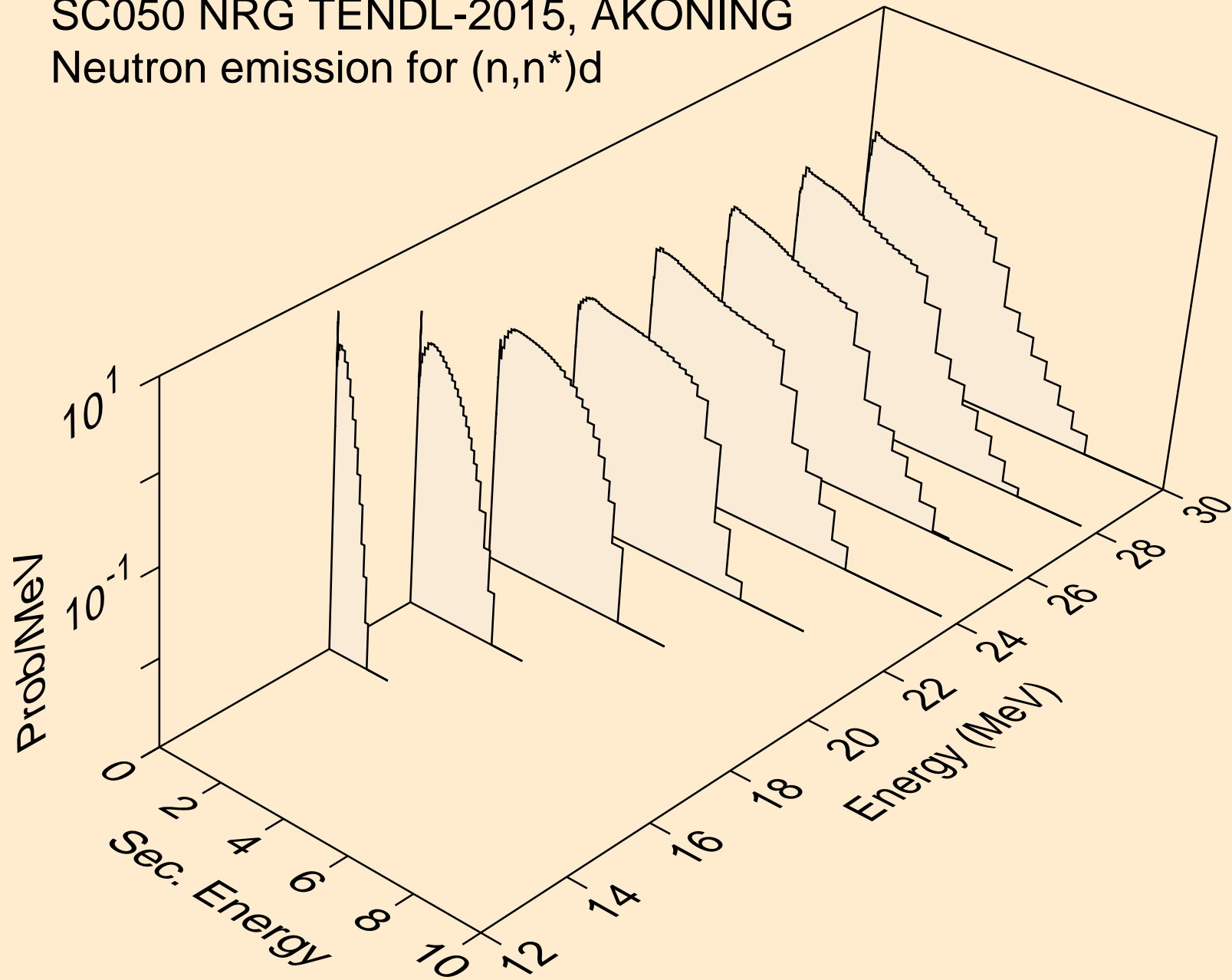
SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

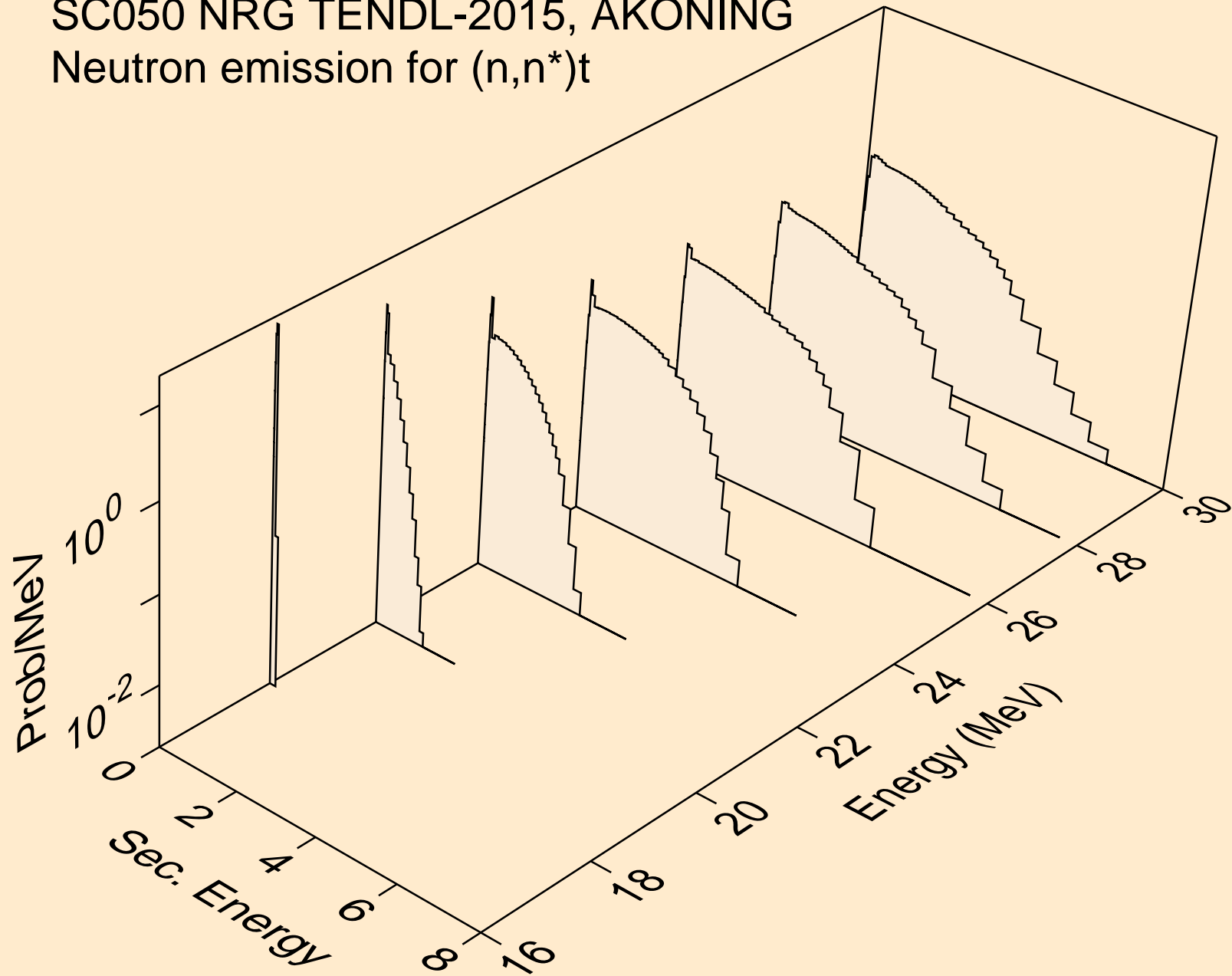


SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

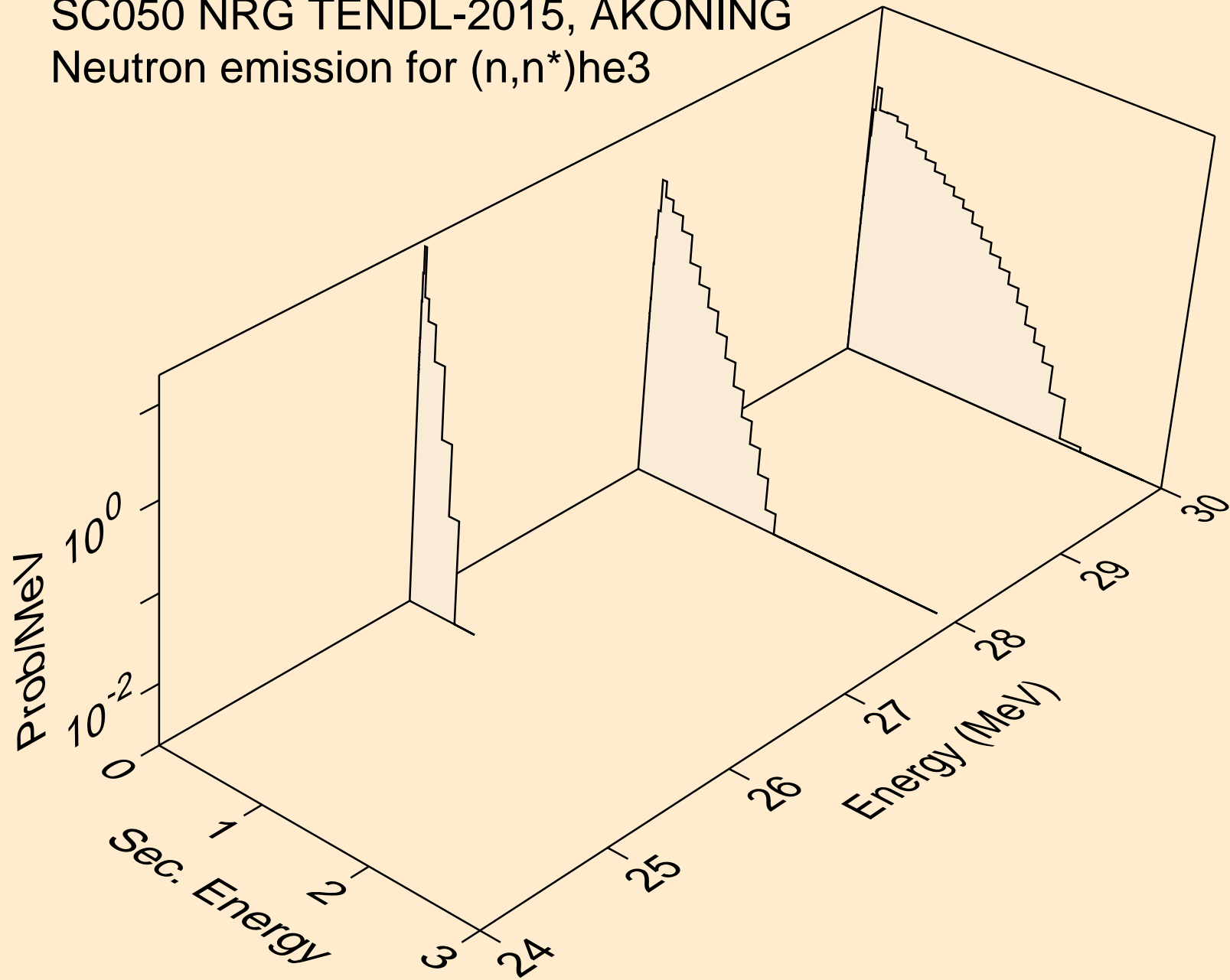




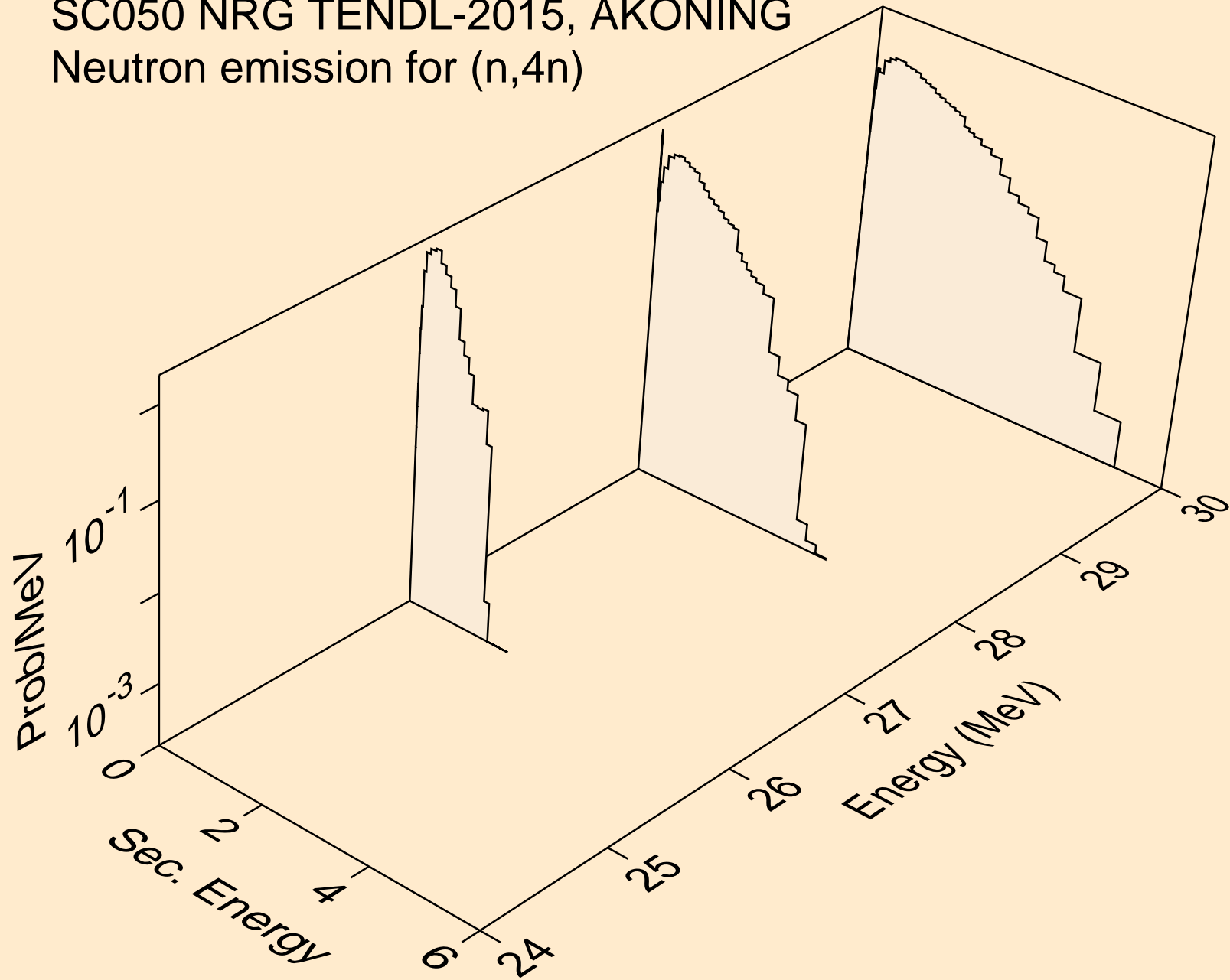
SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



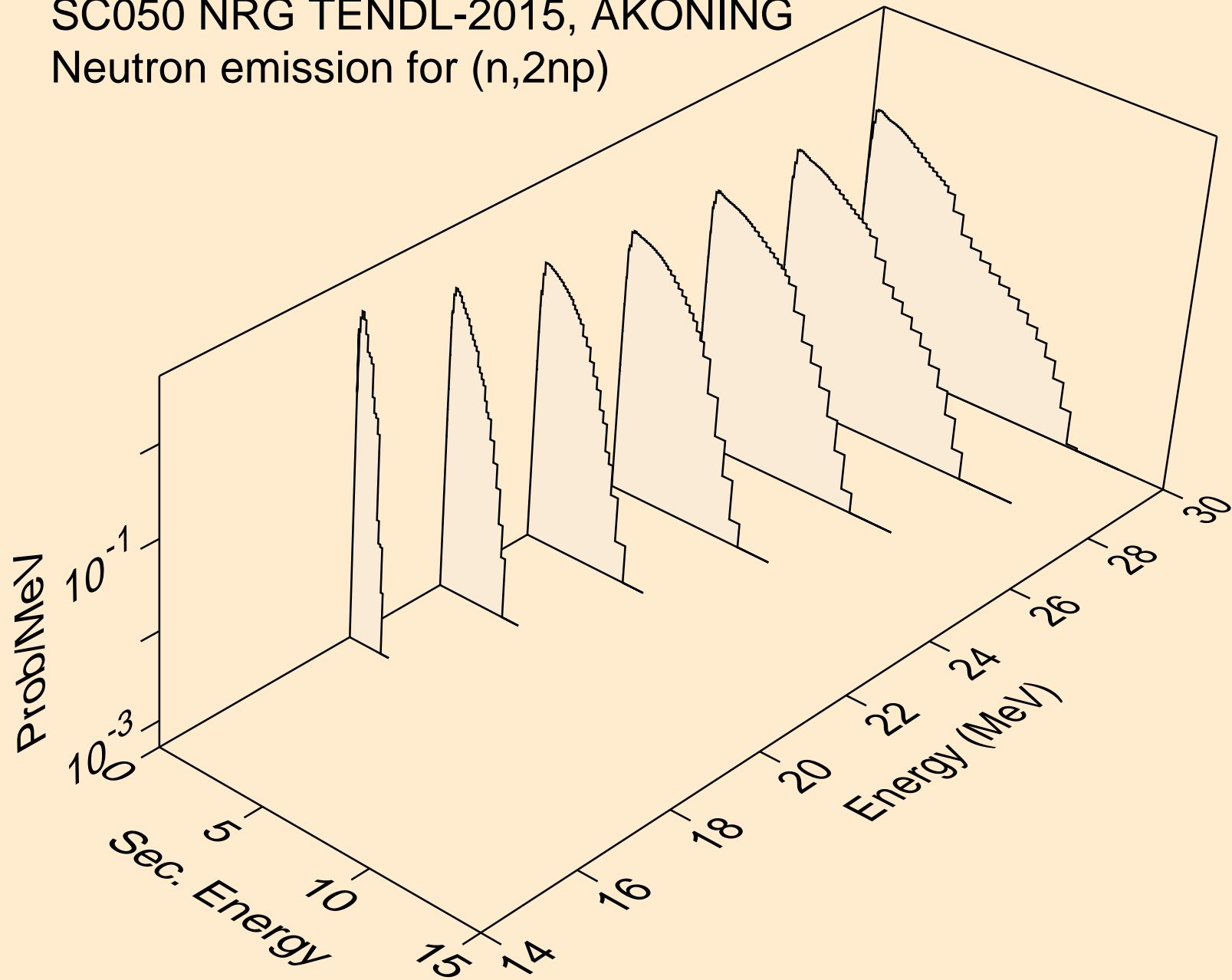
SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



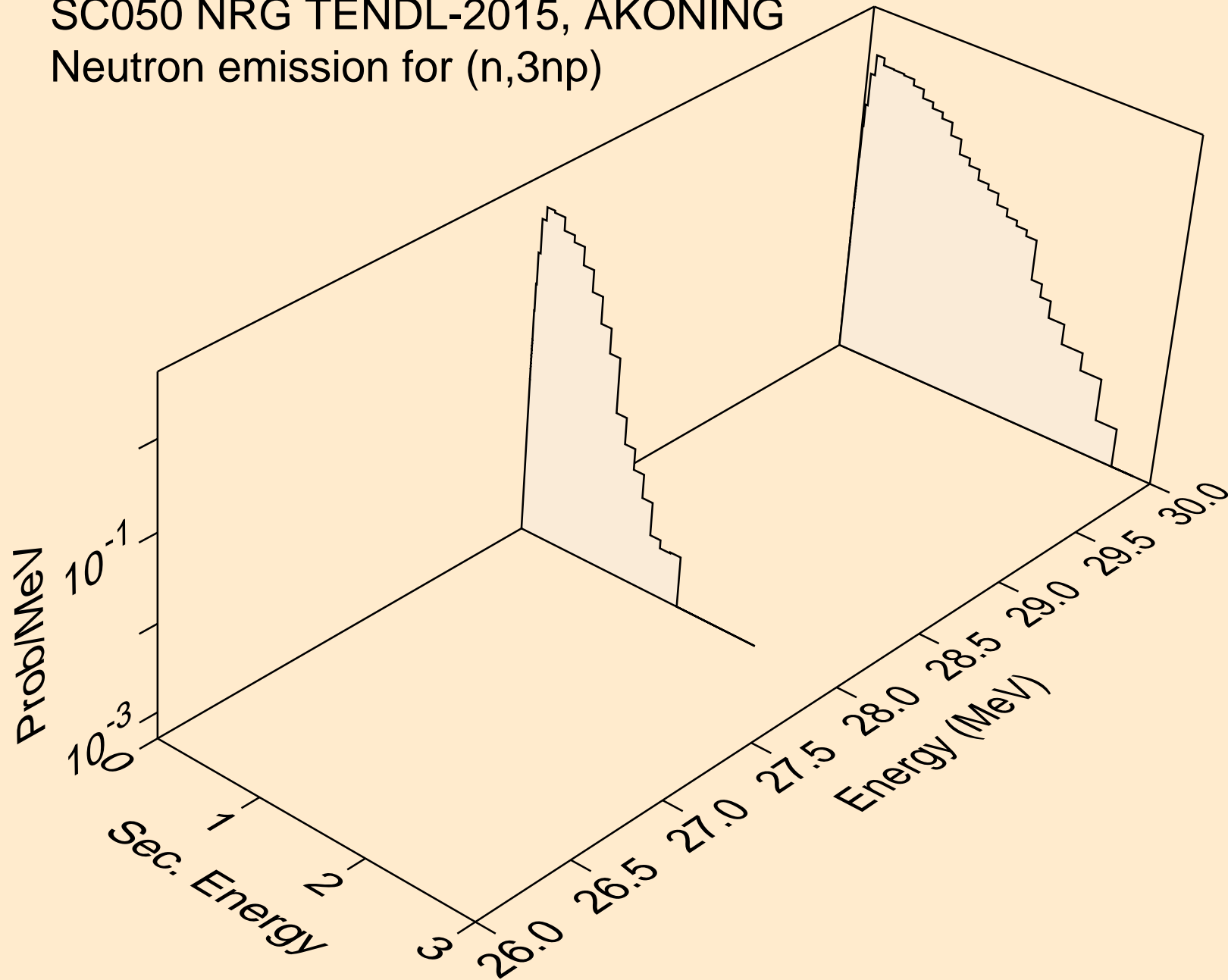
SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



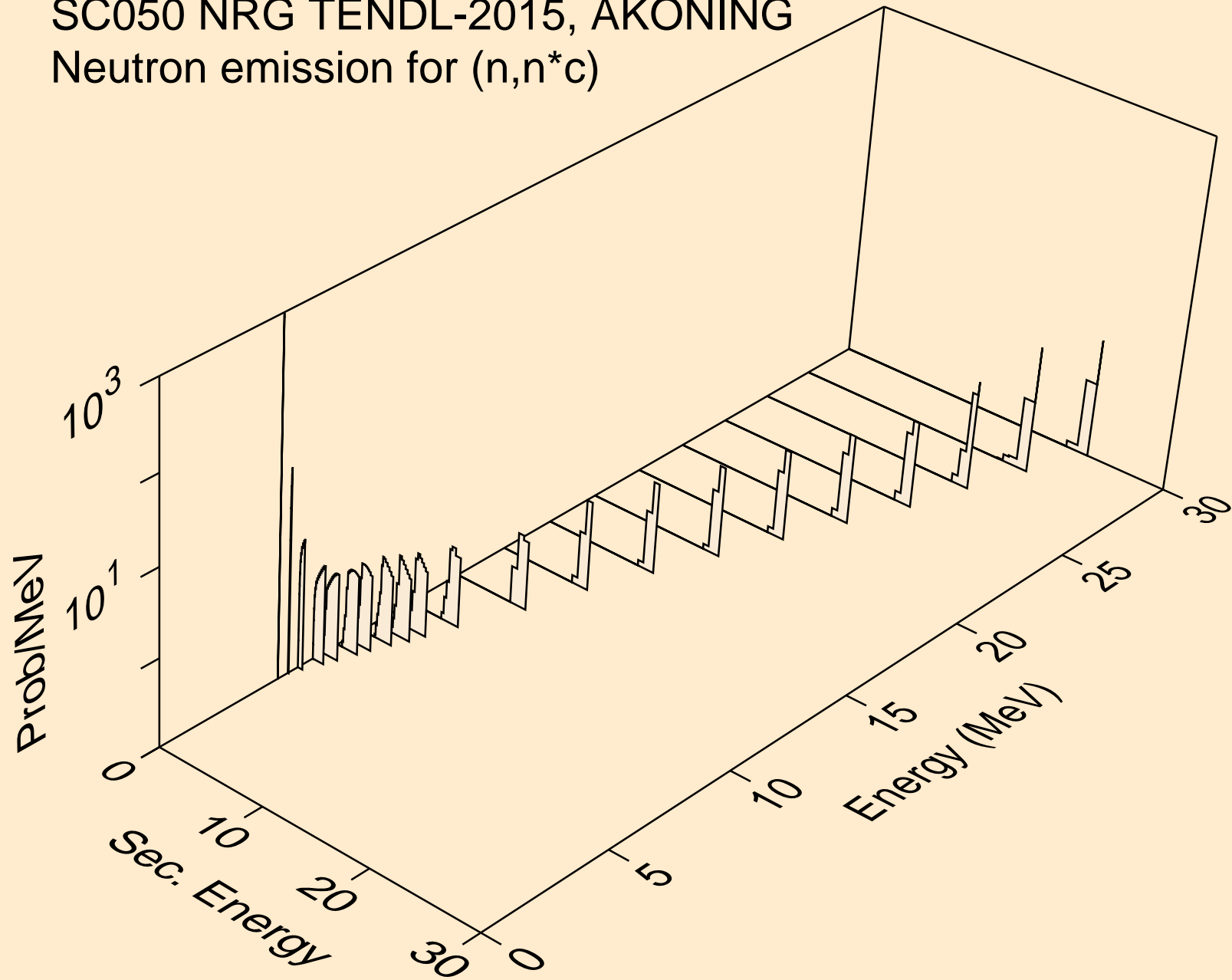
SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



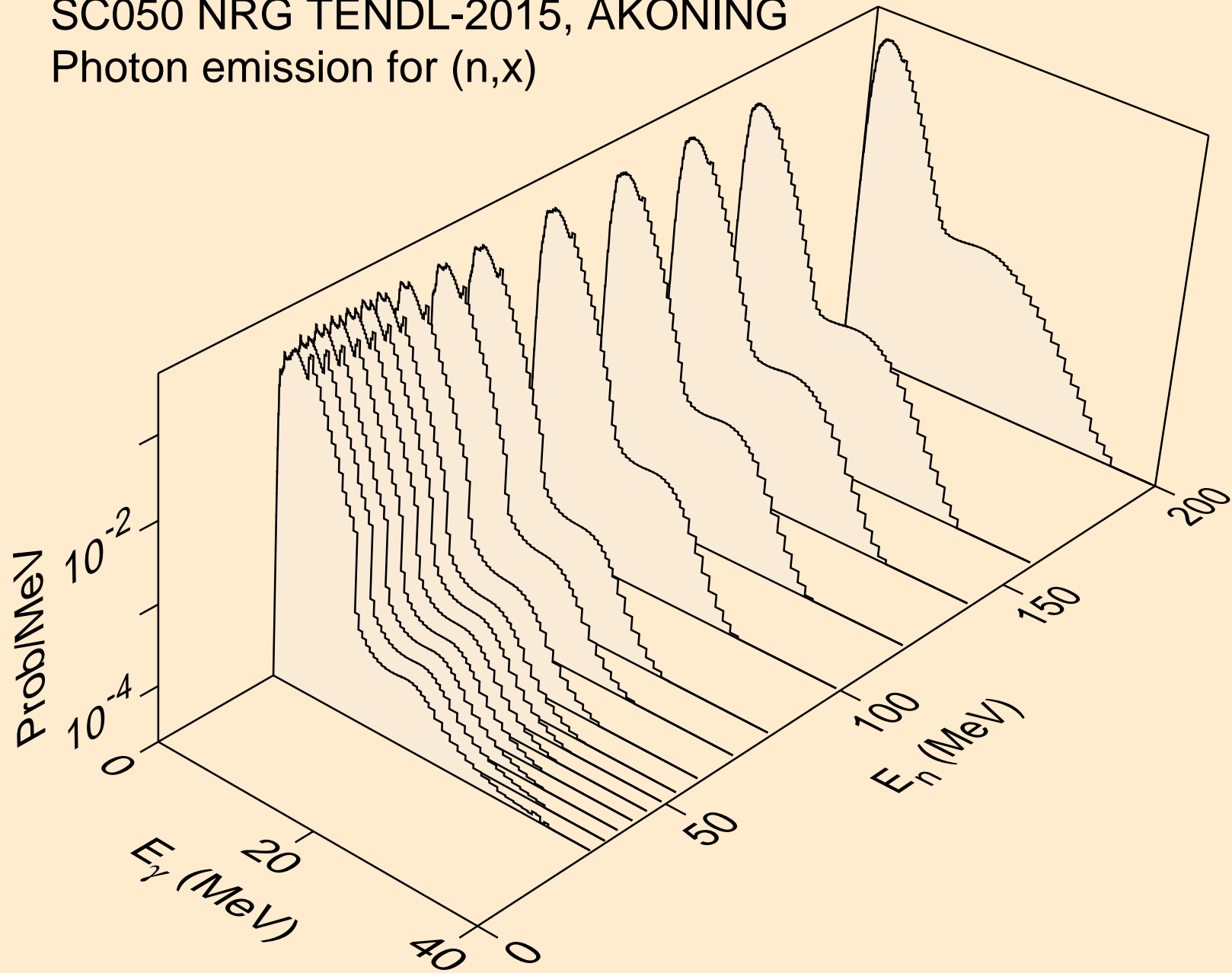
SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



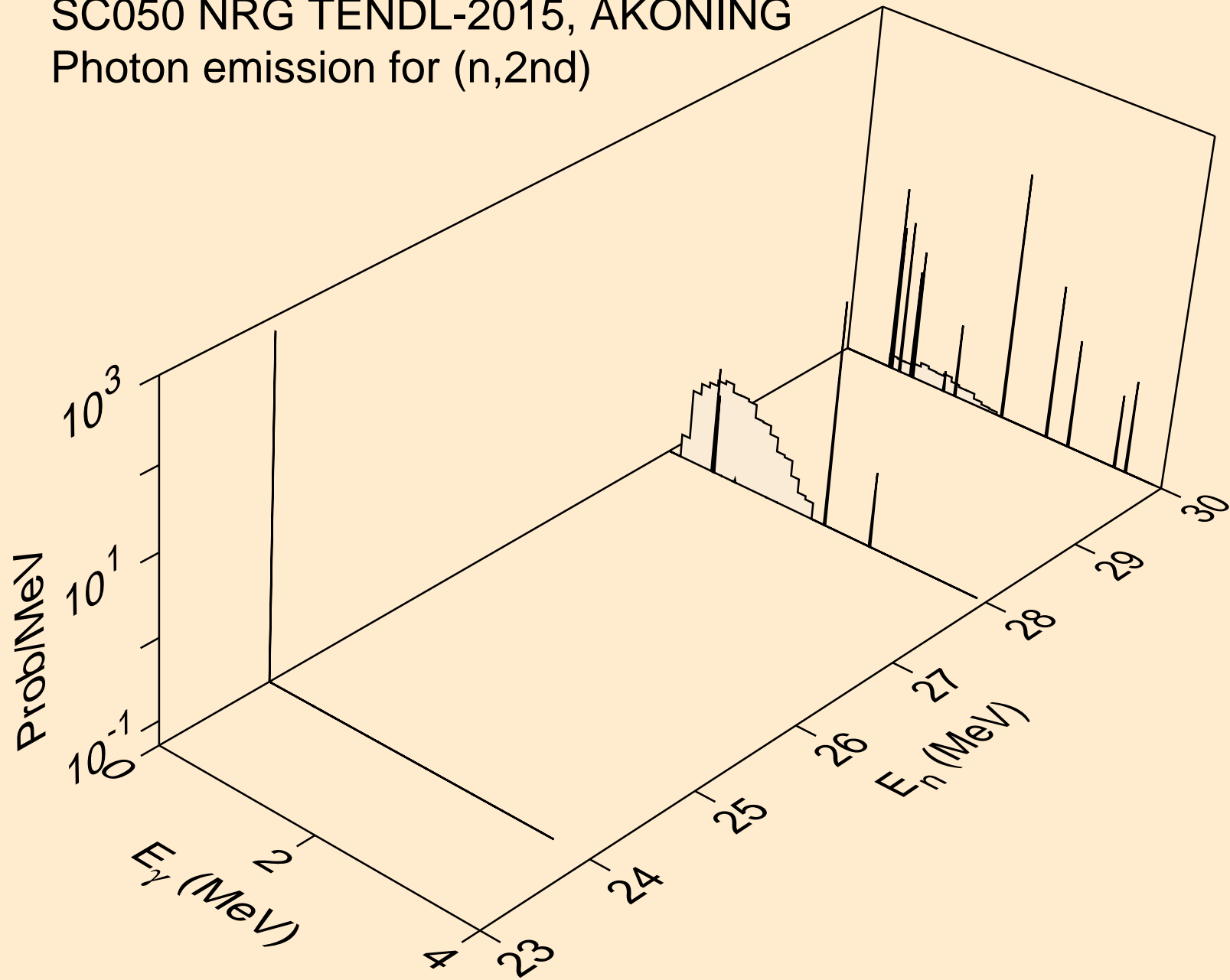
SC050 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

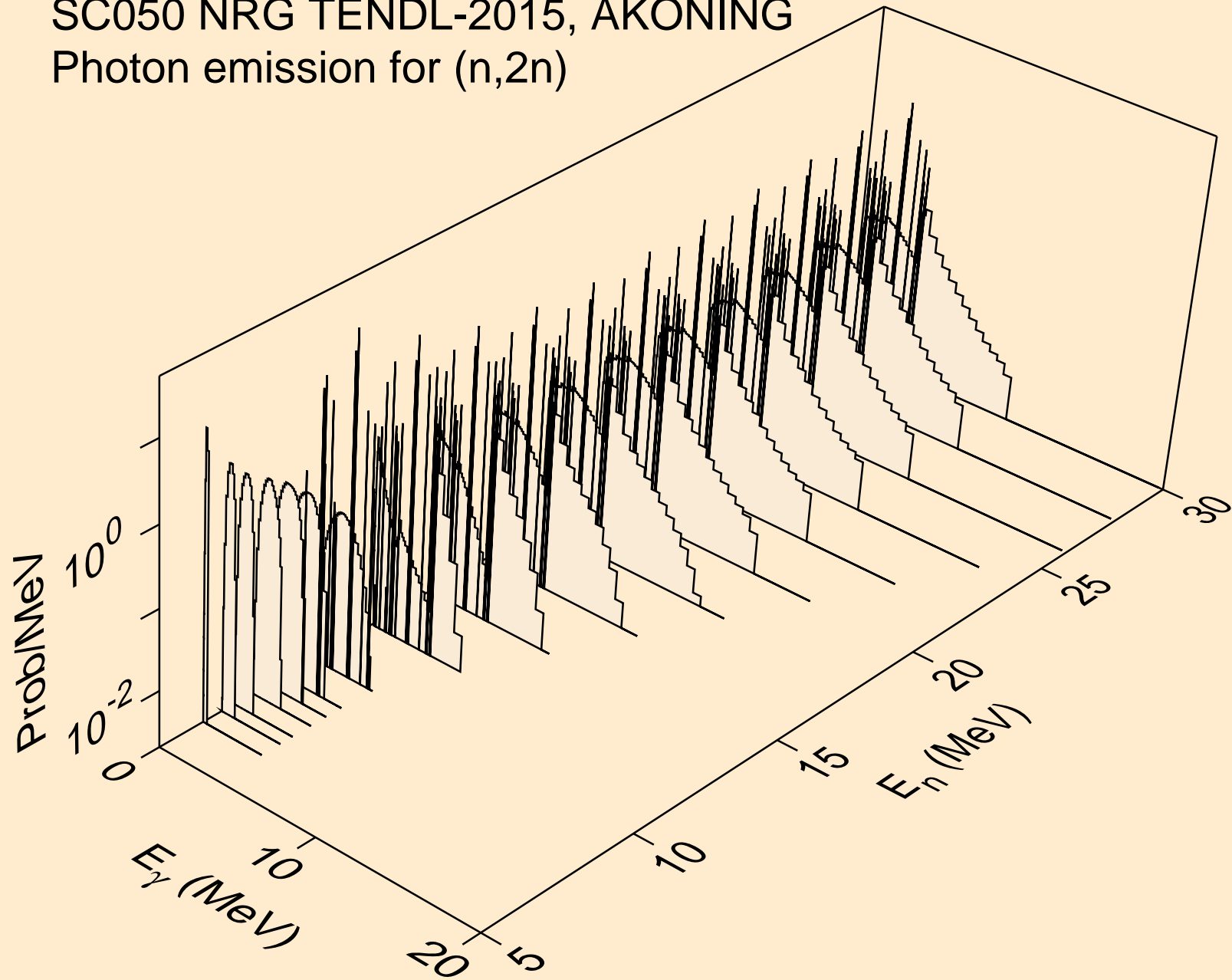


SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

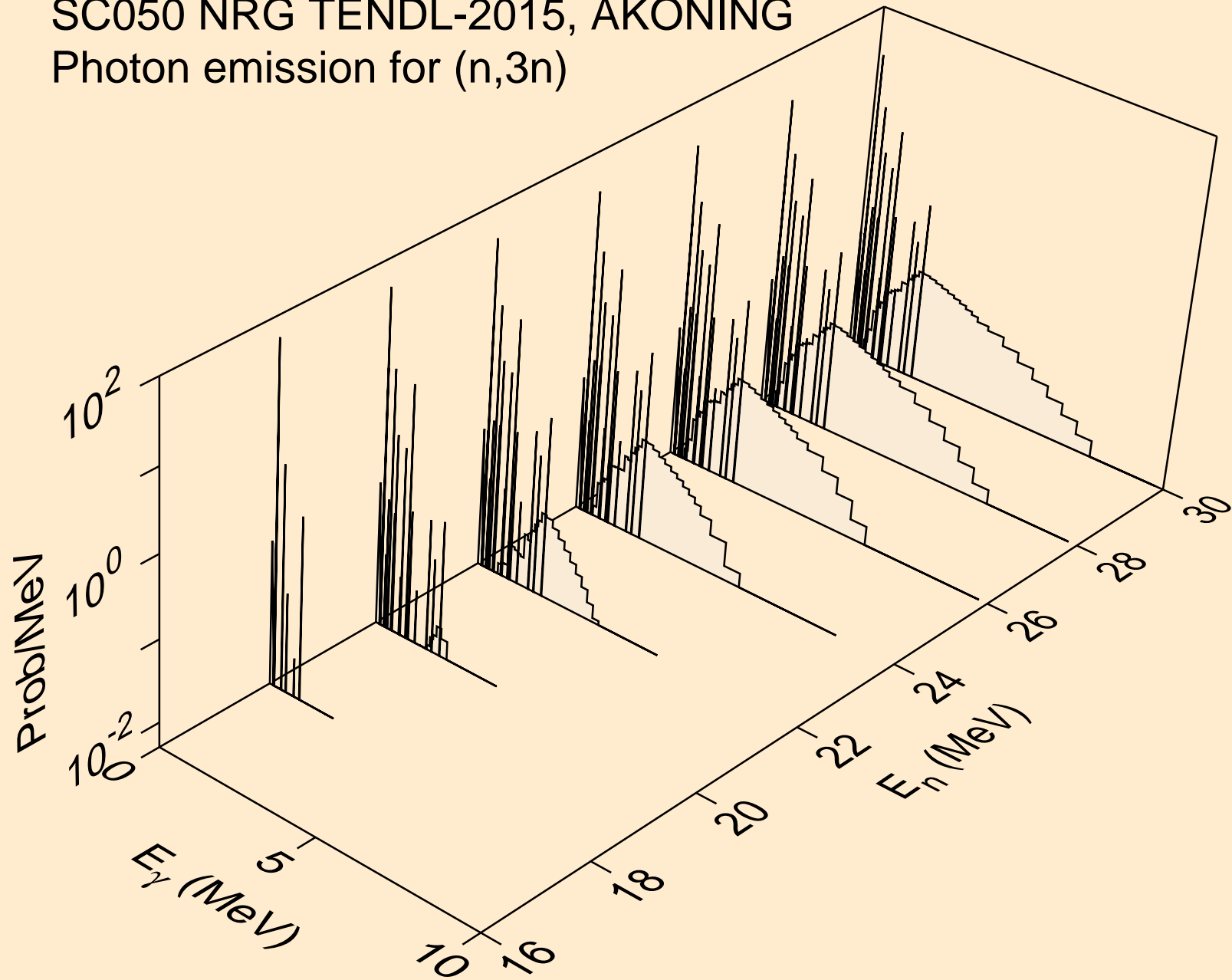




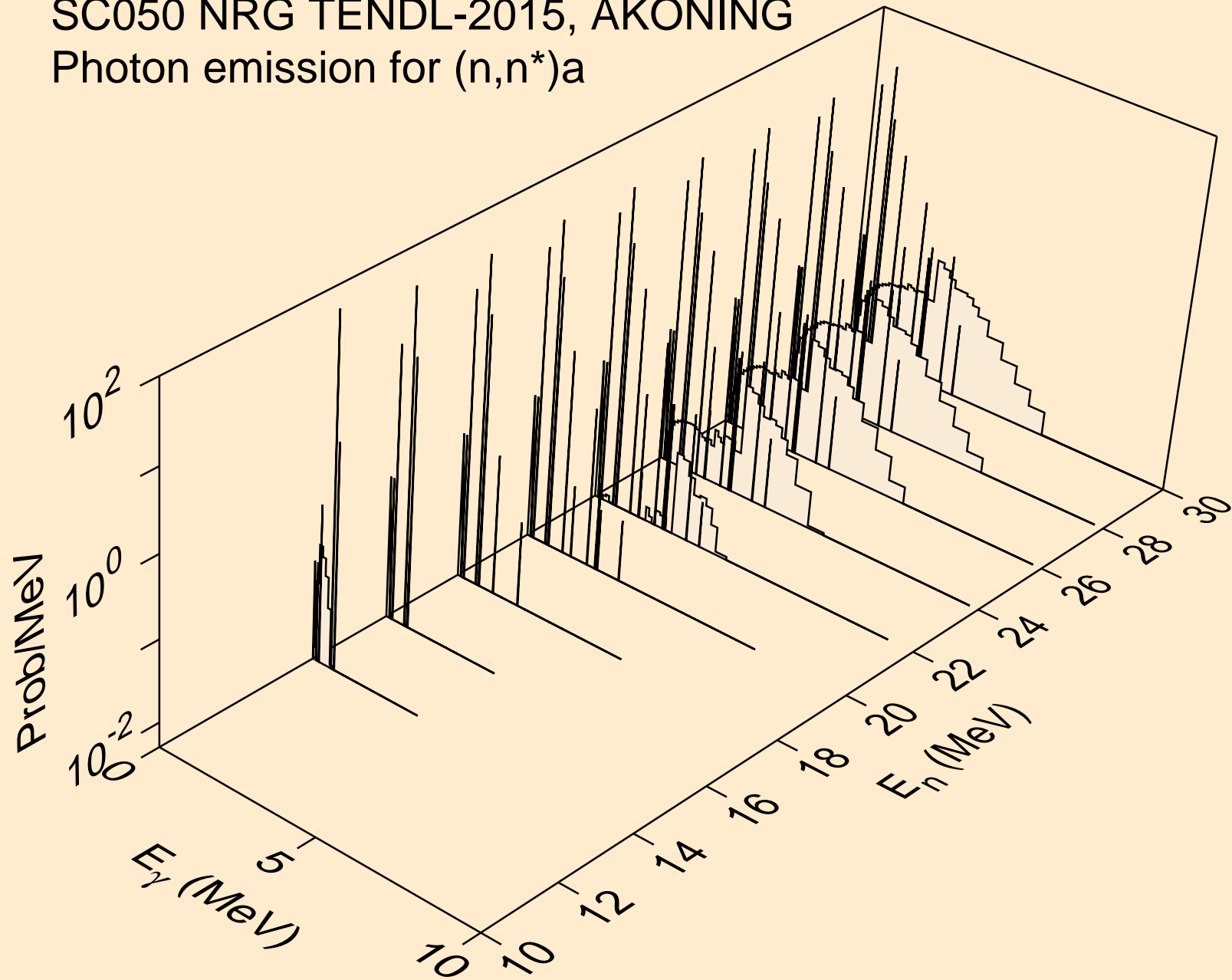
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



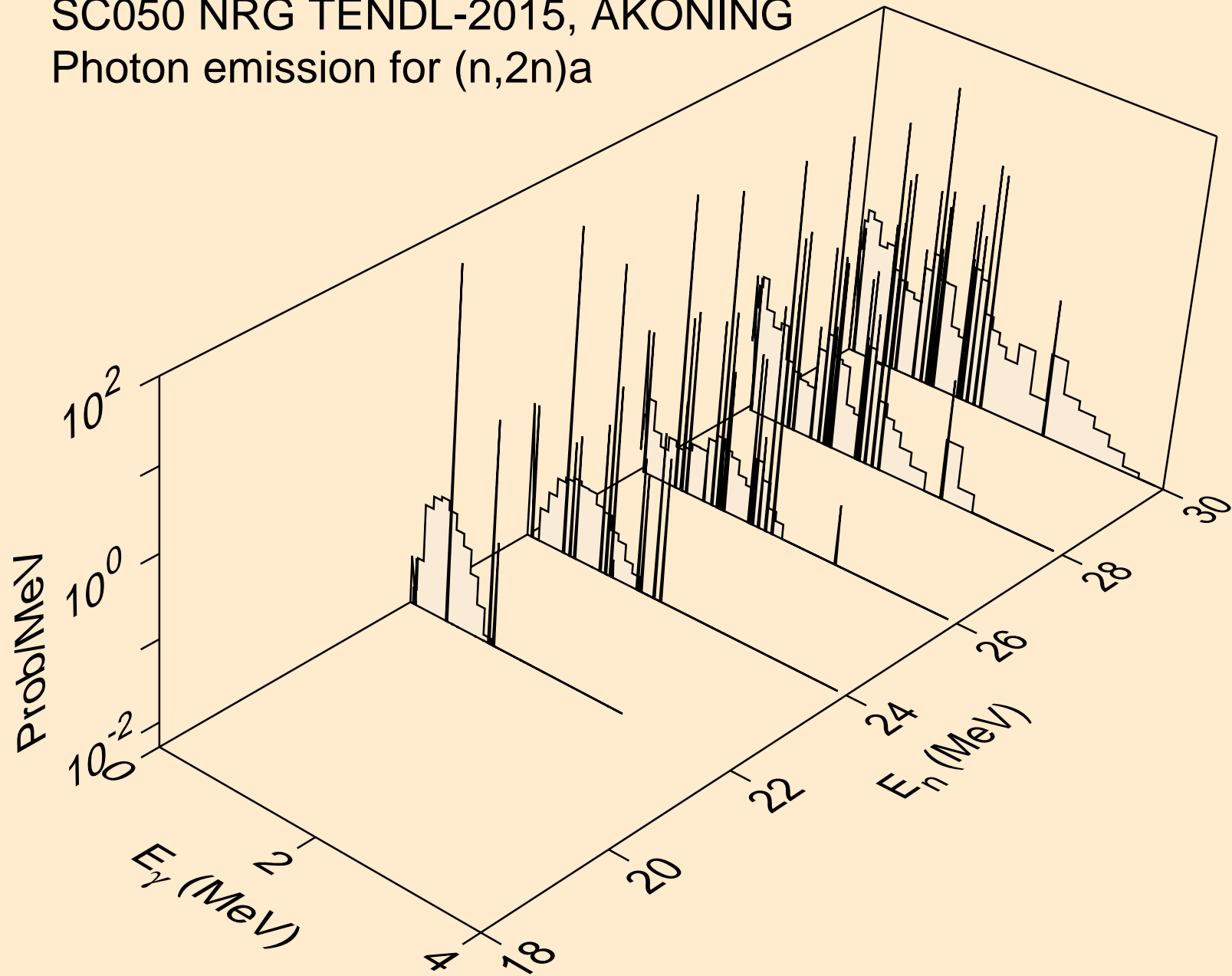
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



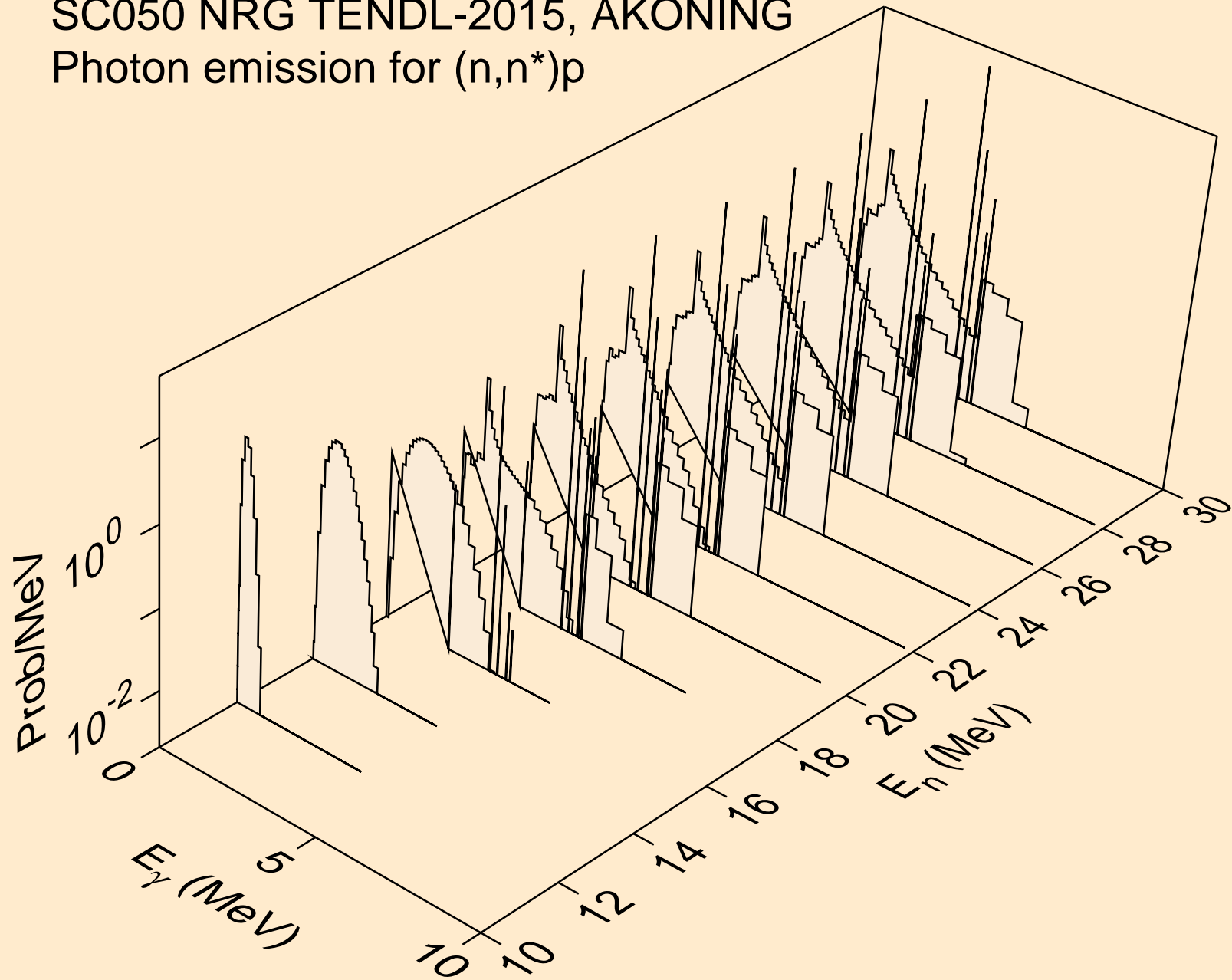
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



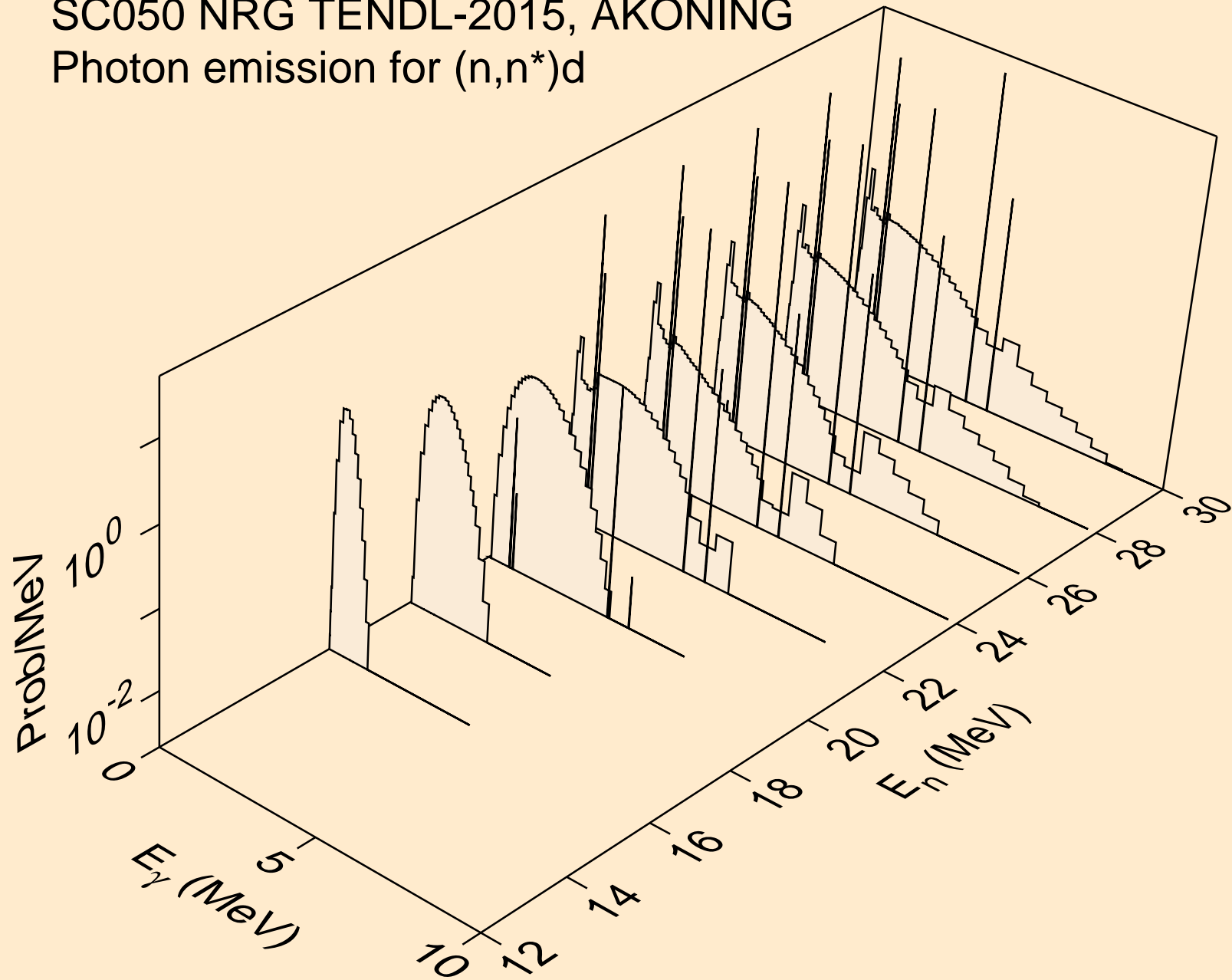
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



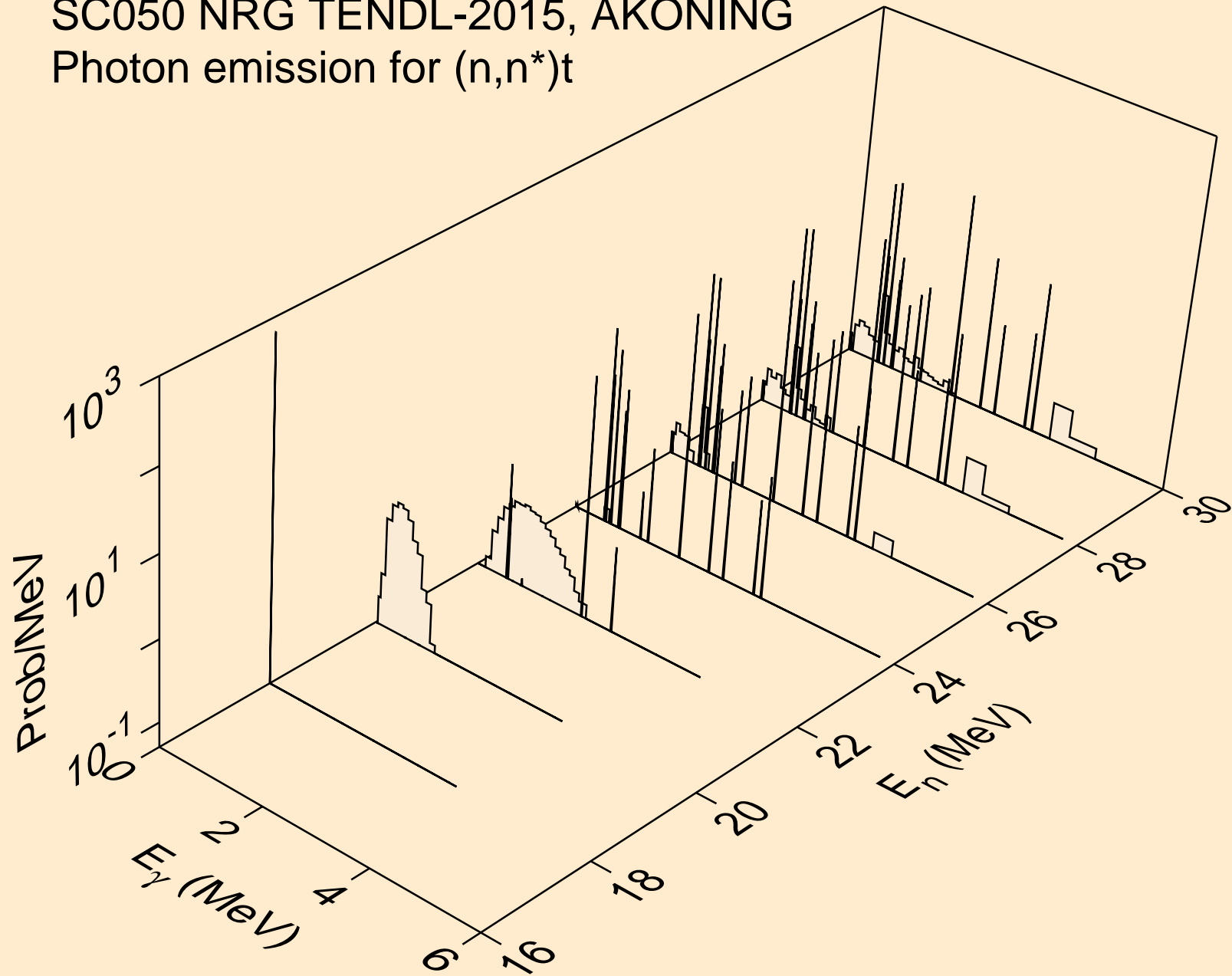
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



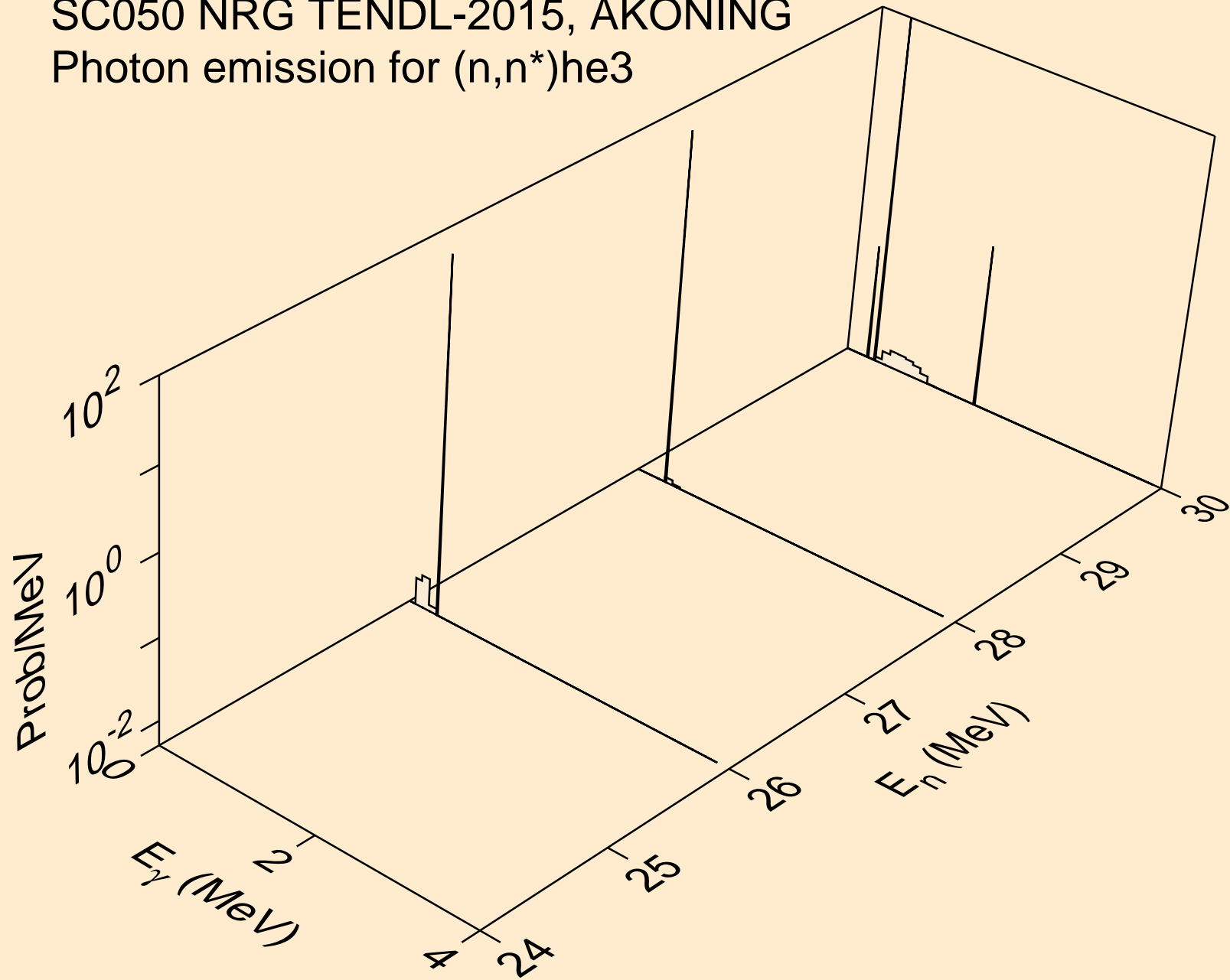
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

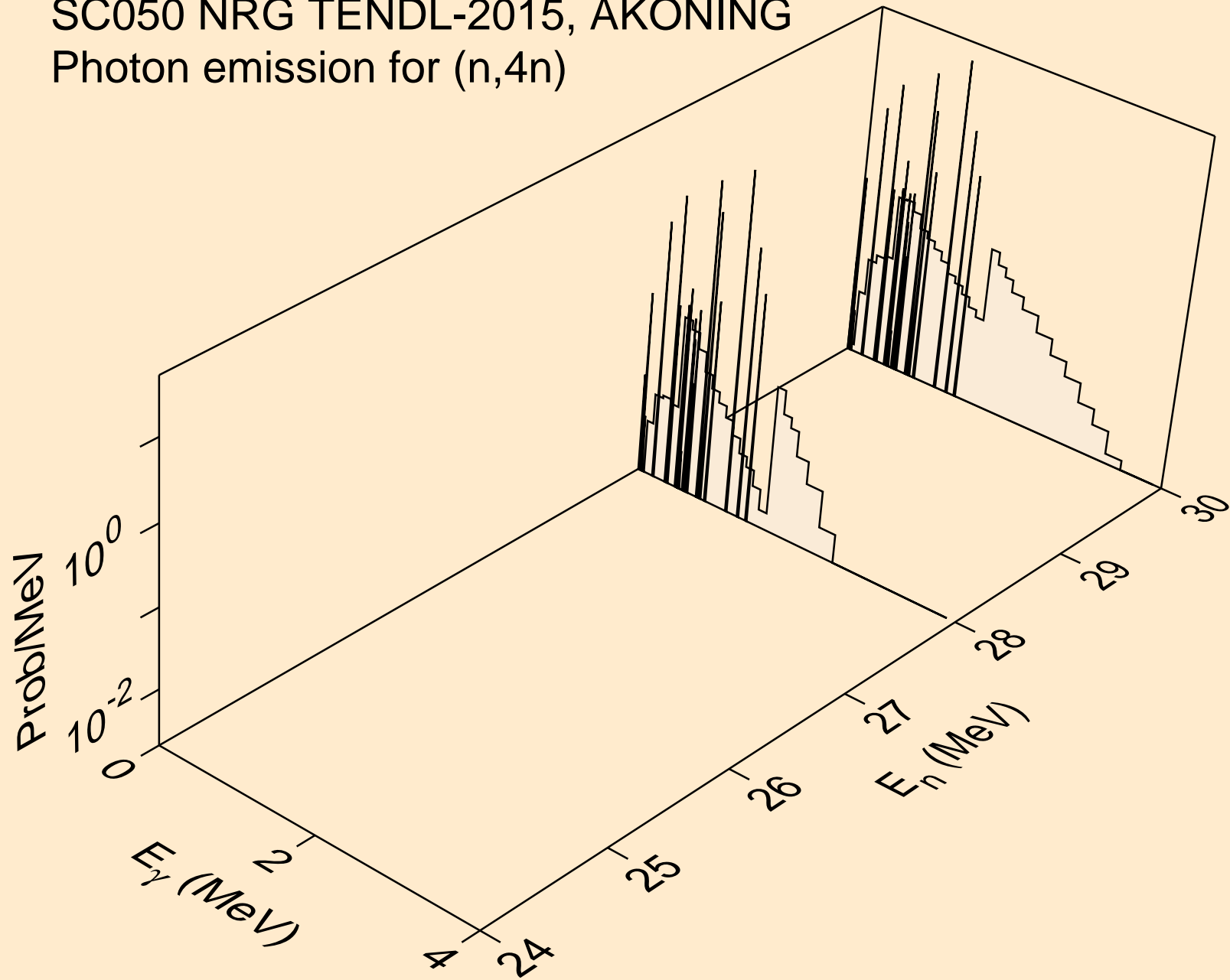


SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

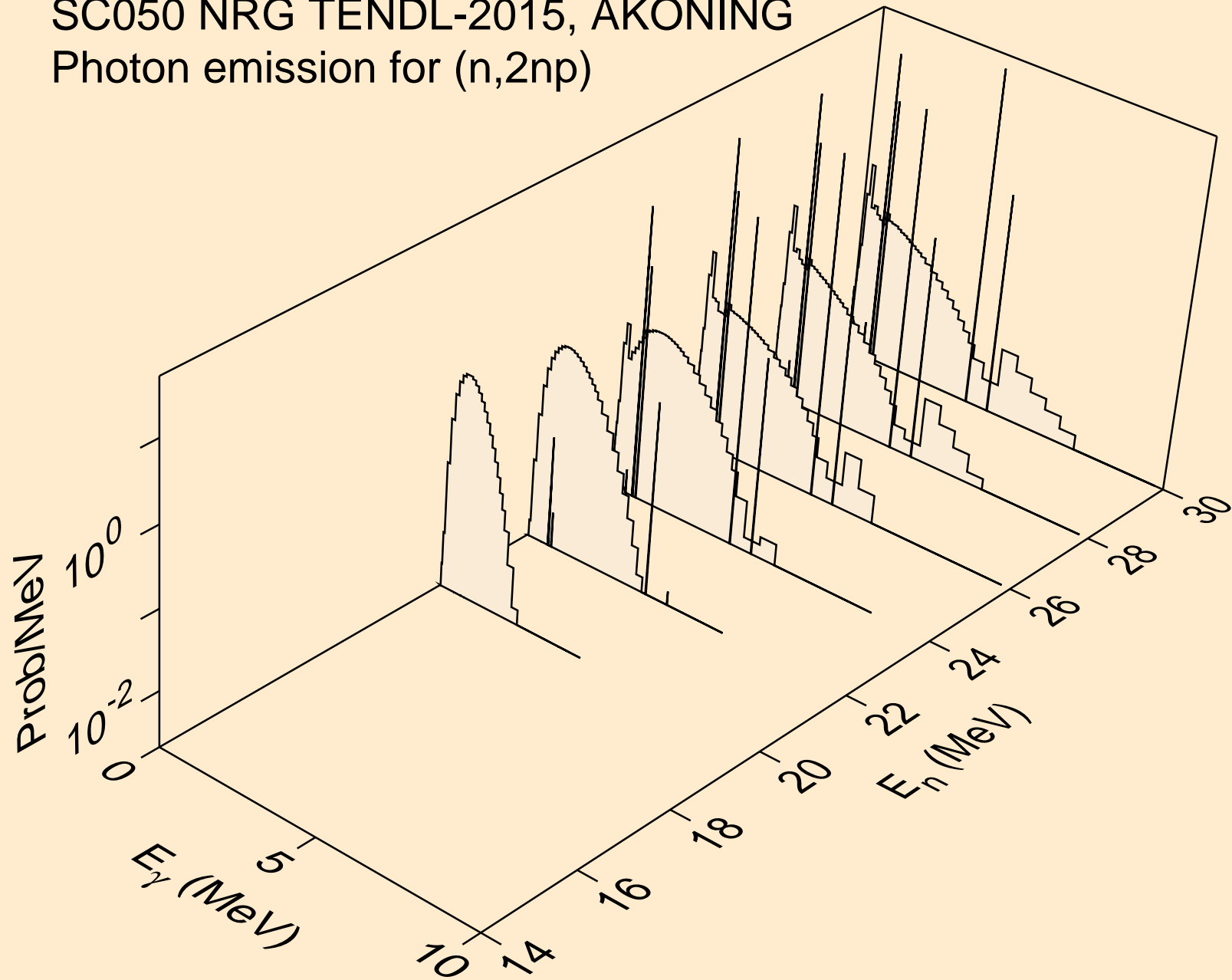




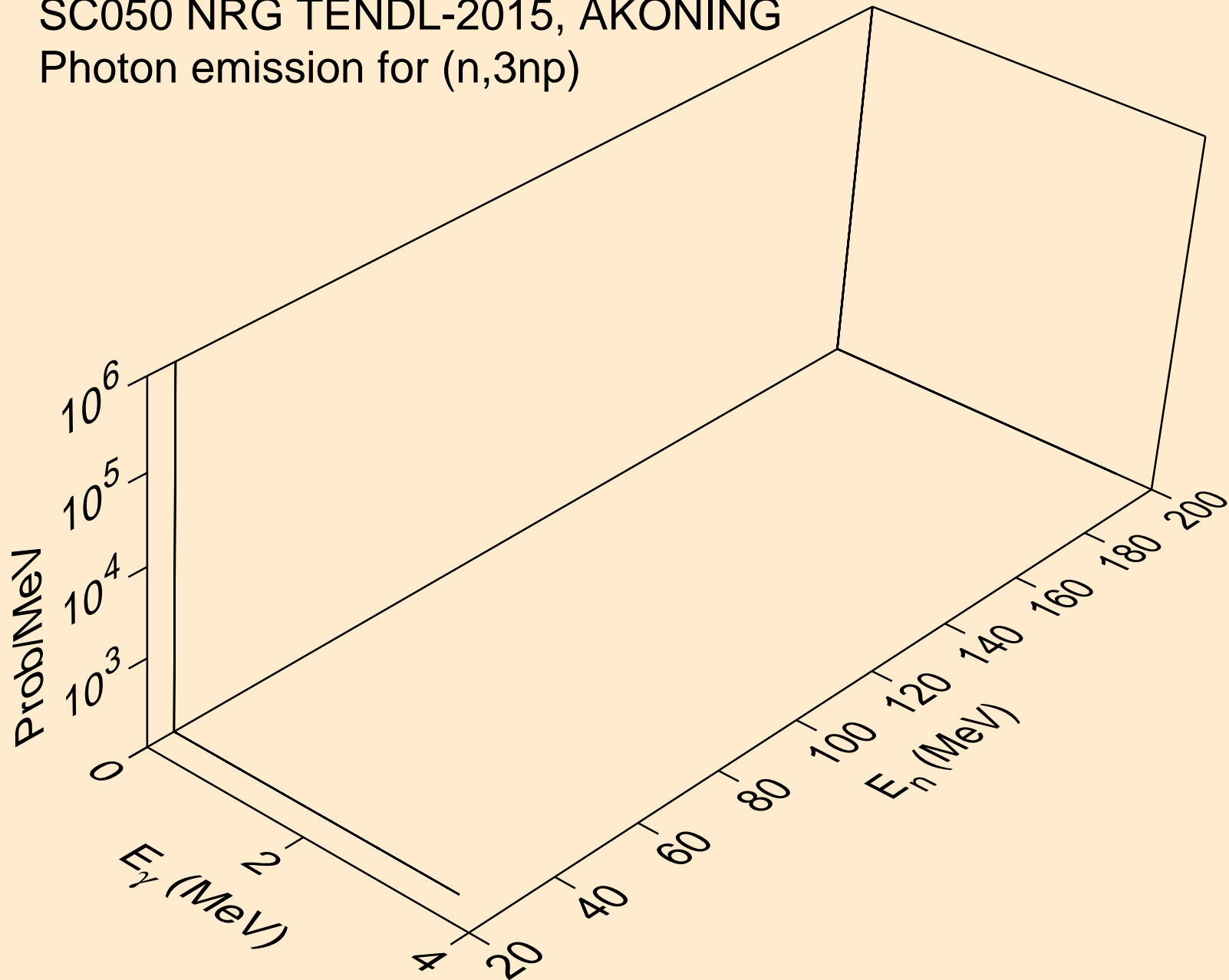
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



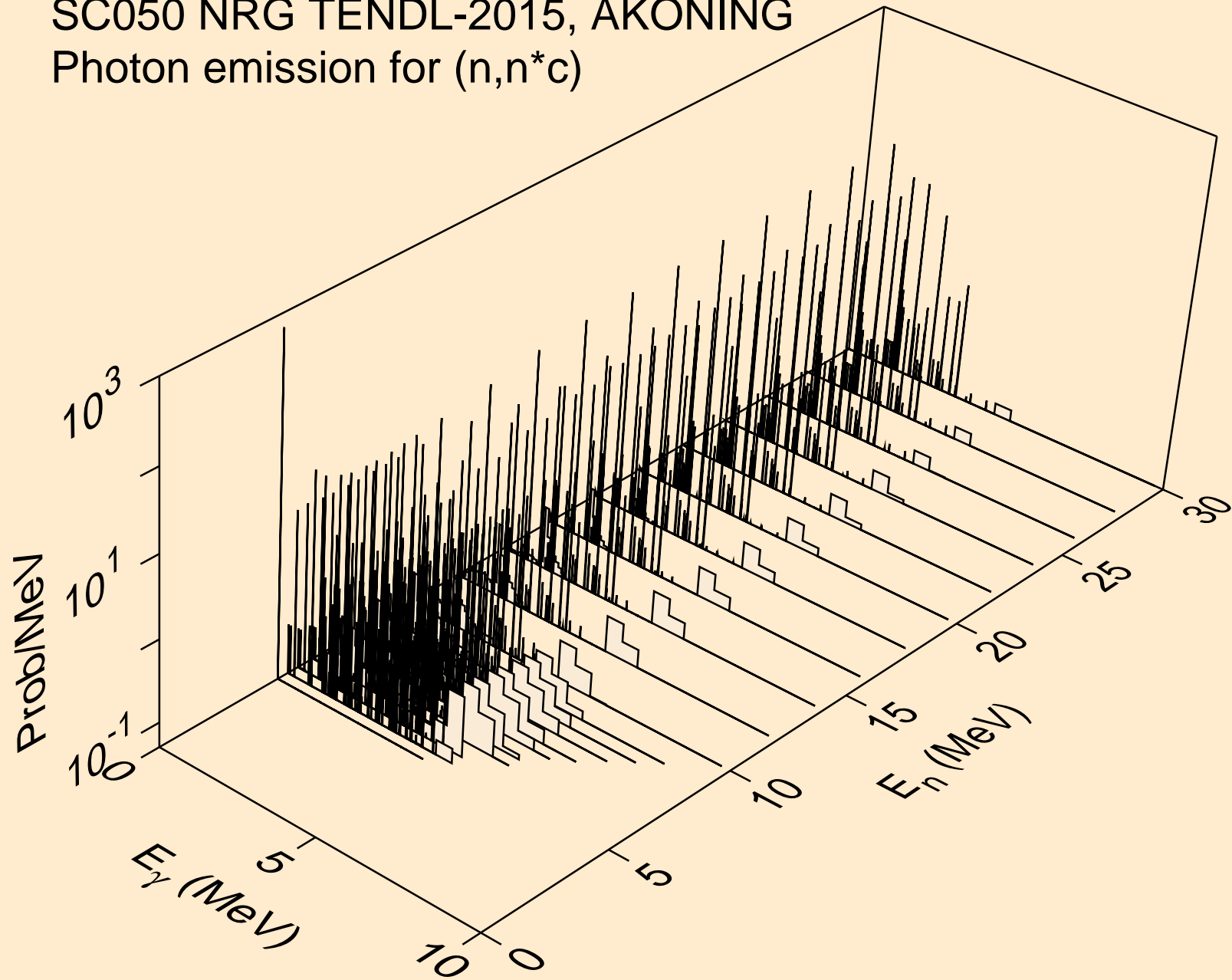
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



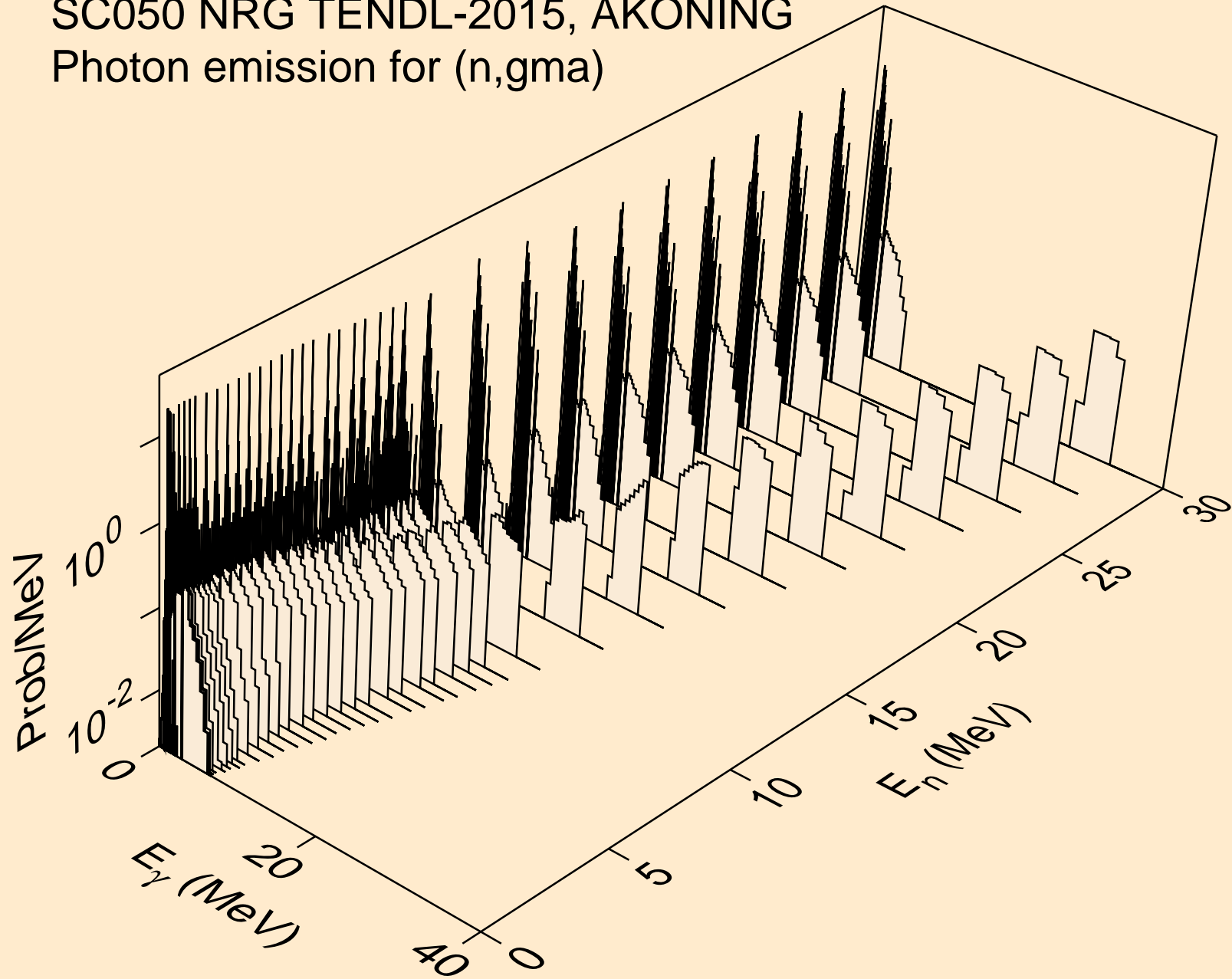
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



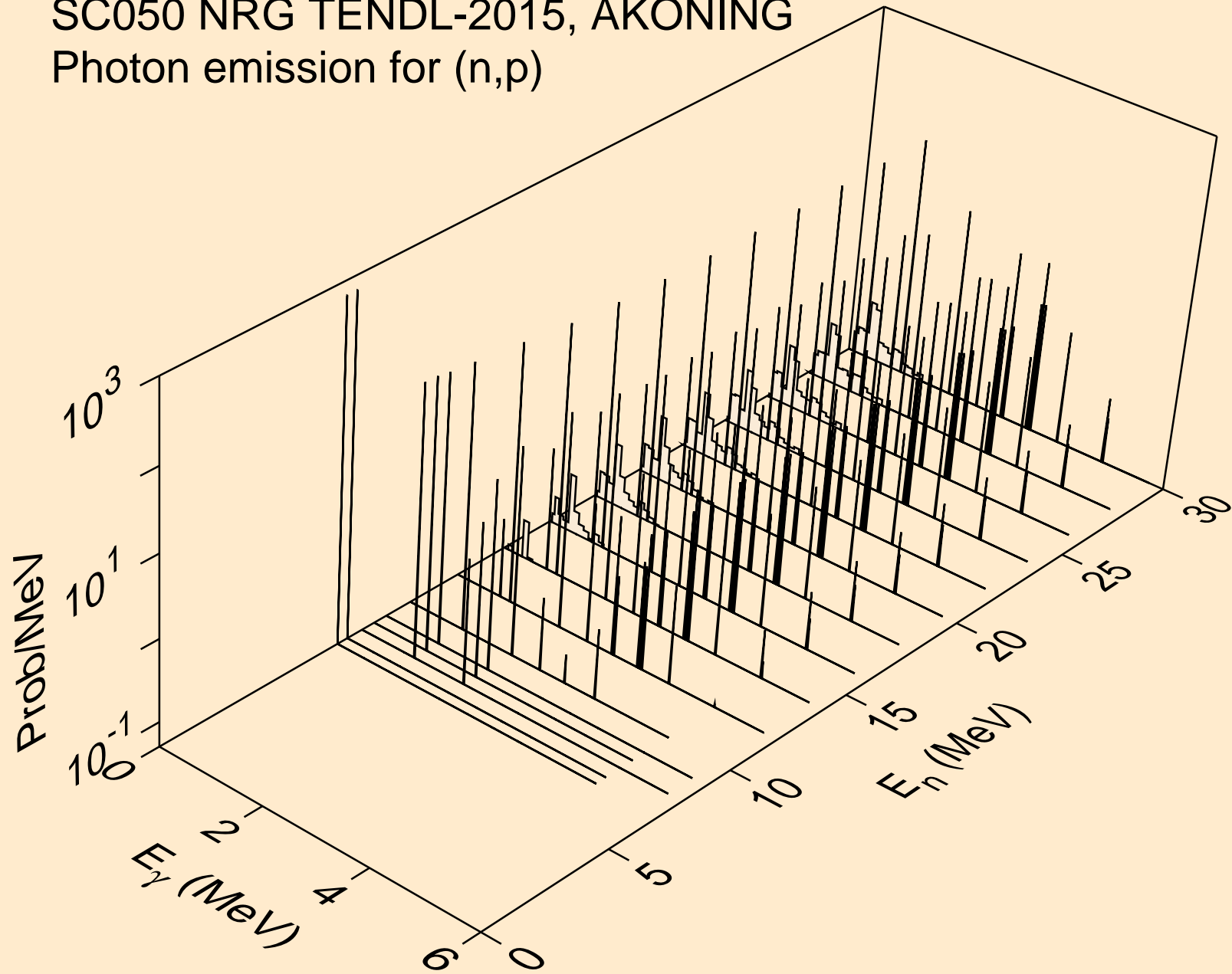
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



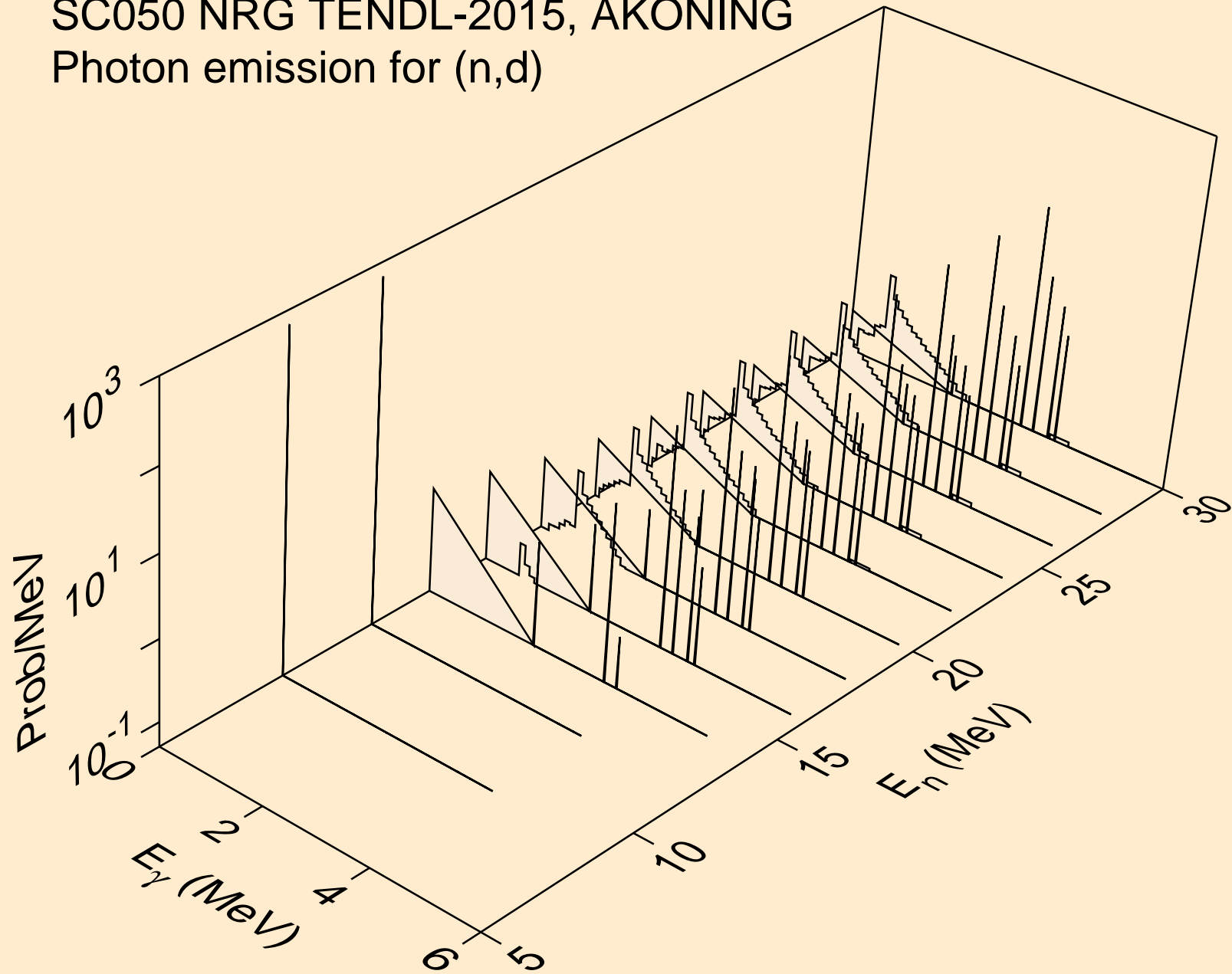
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



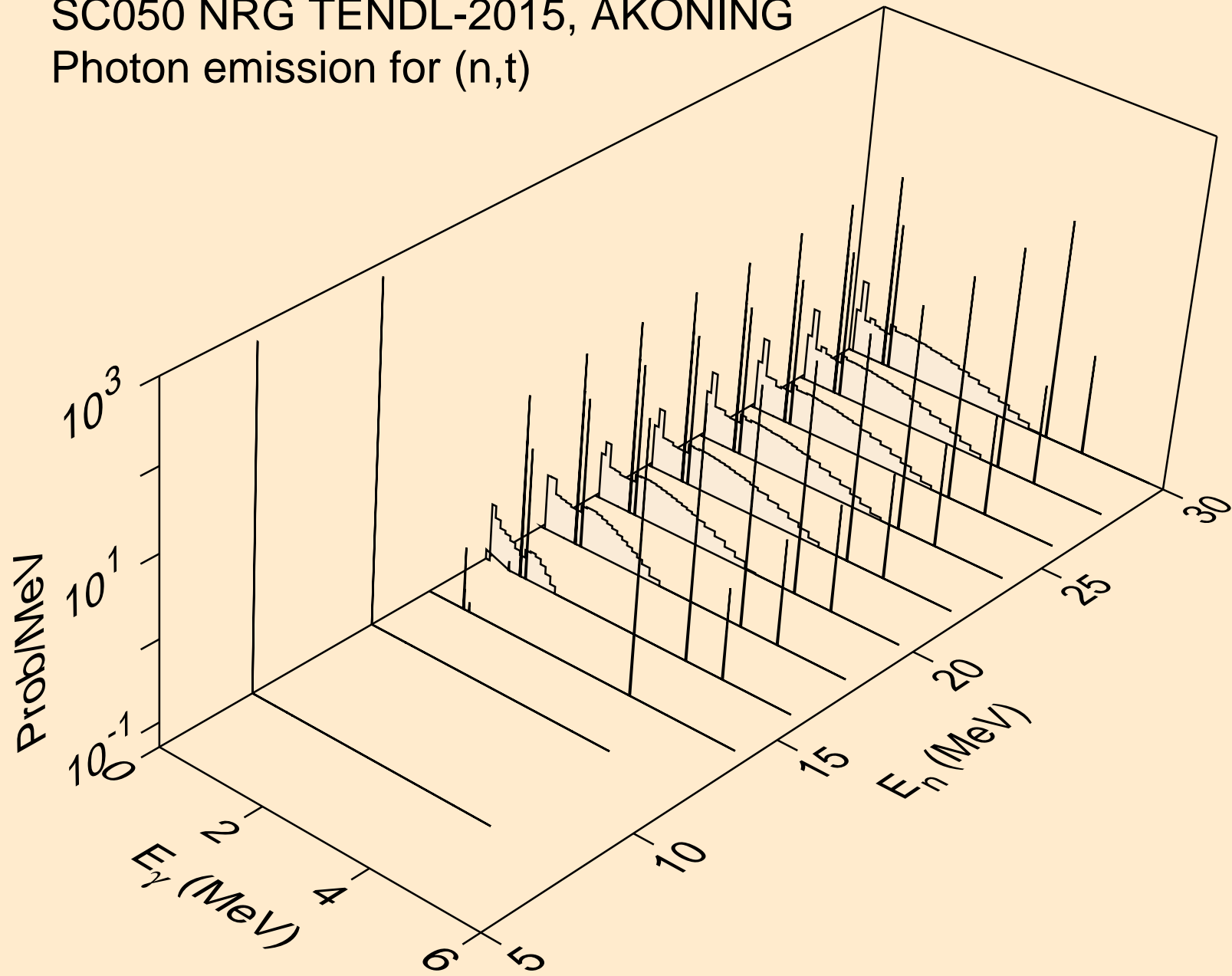
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

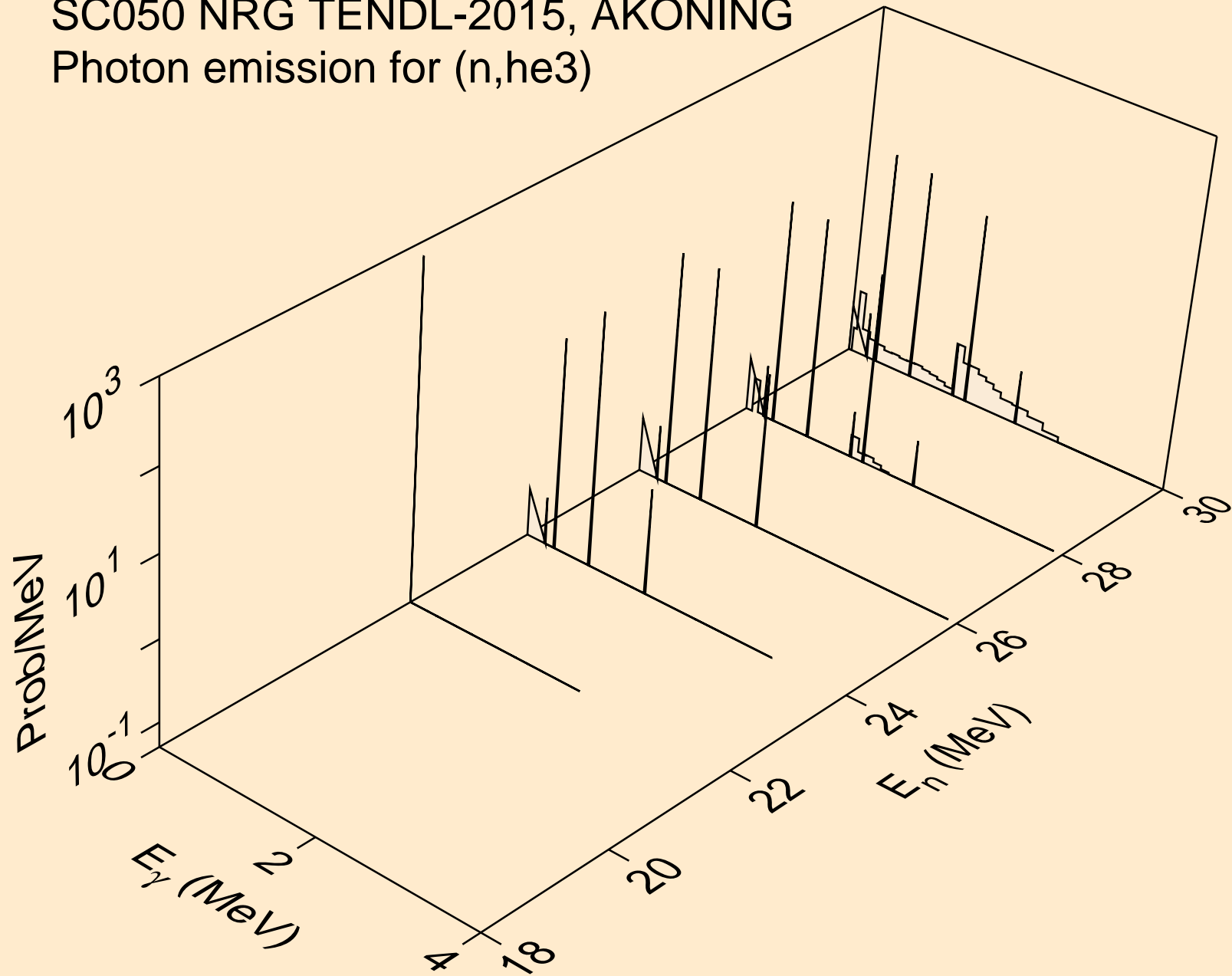


SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

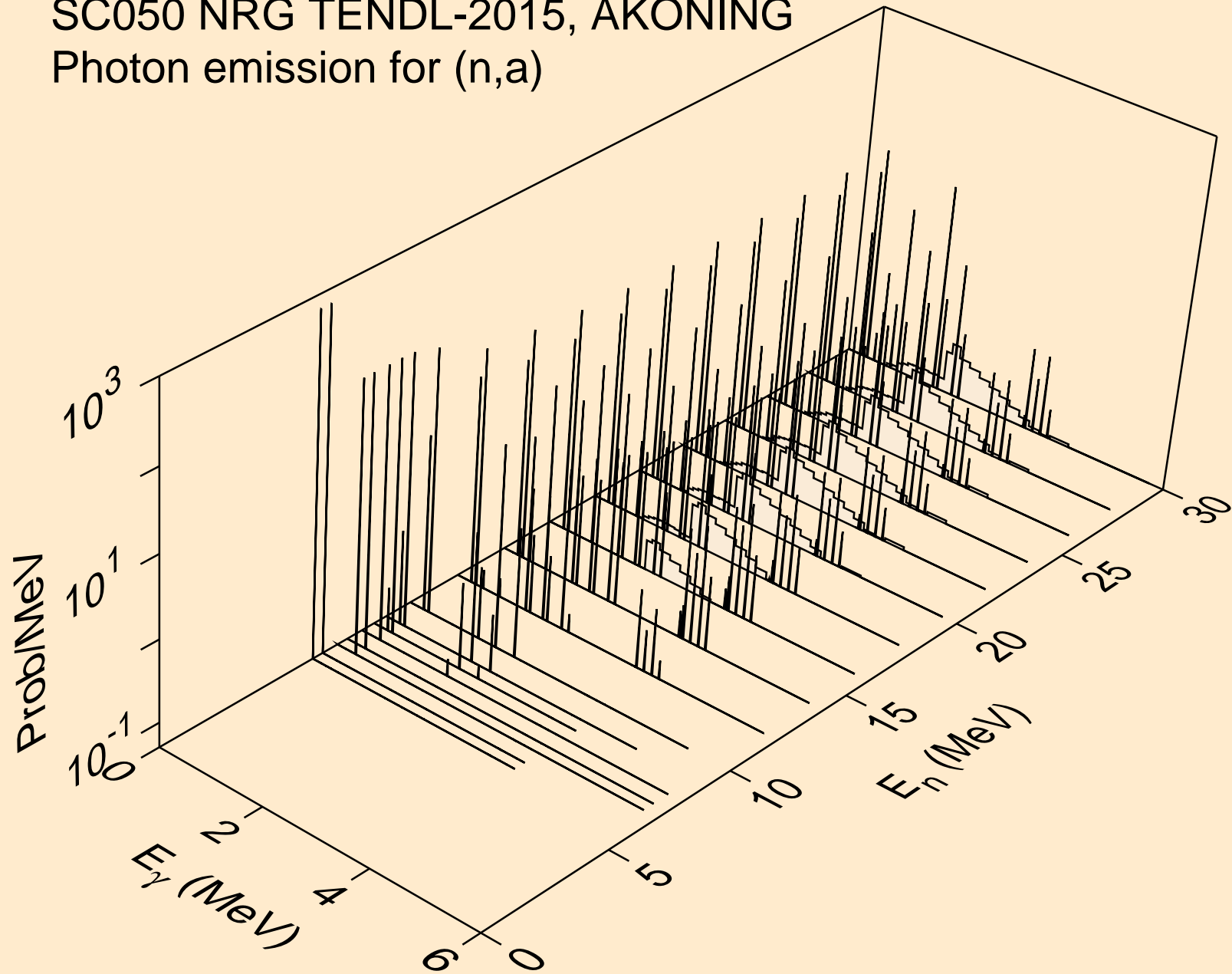




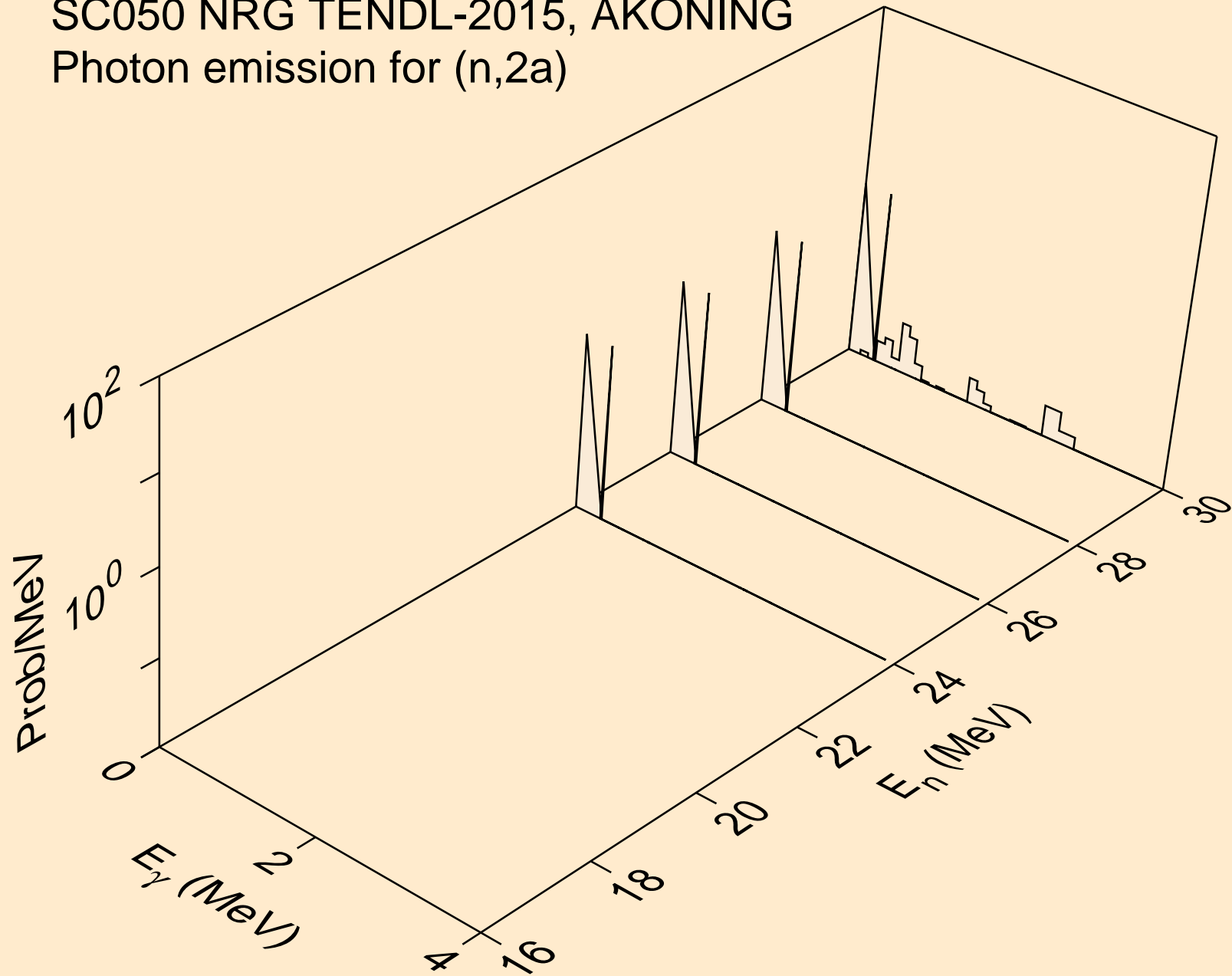
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



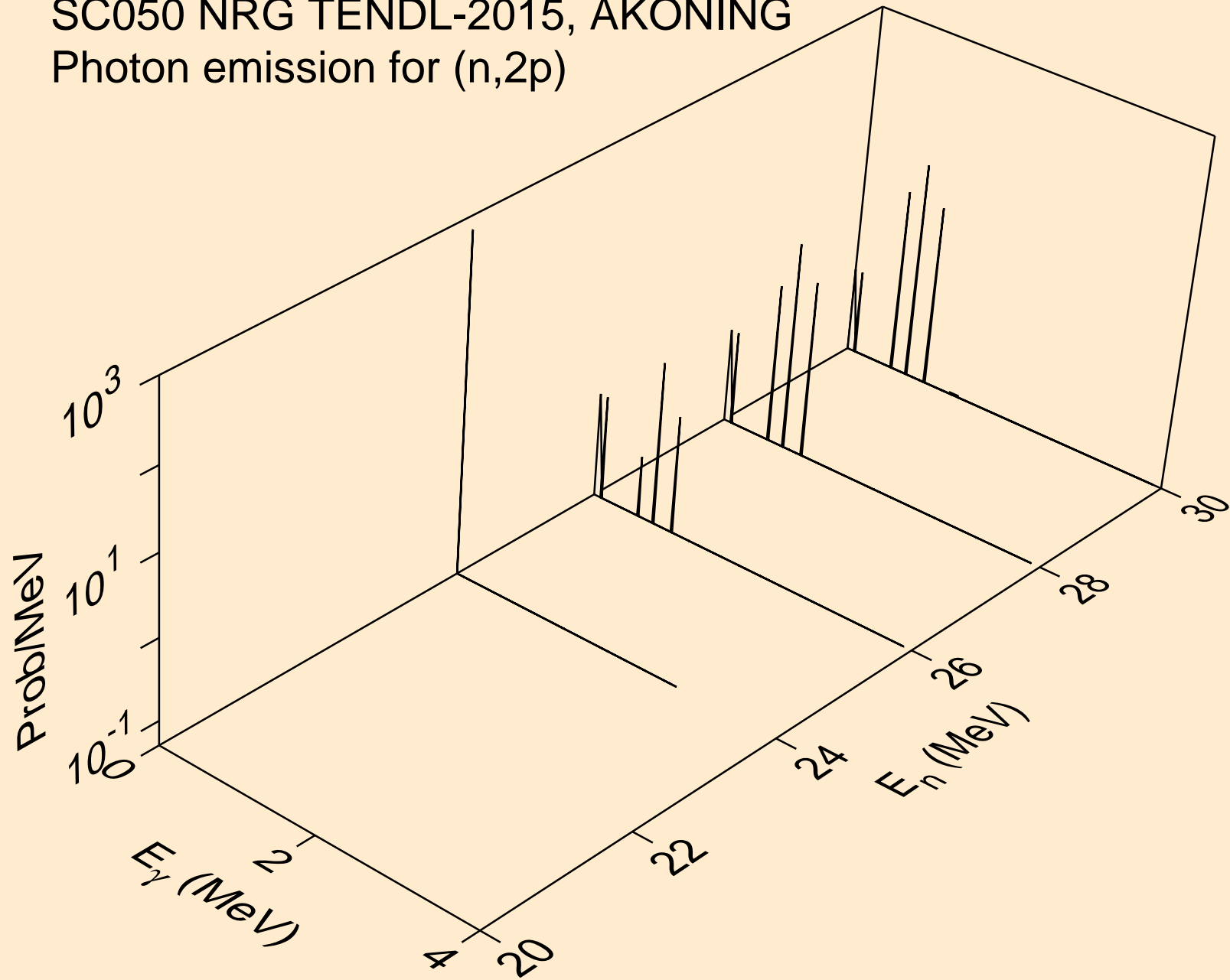
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



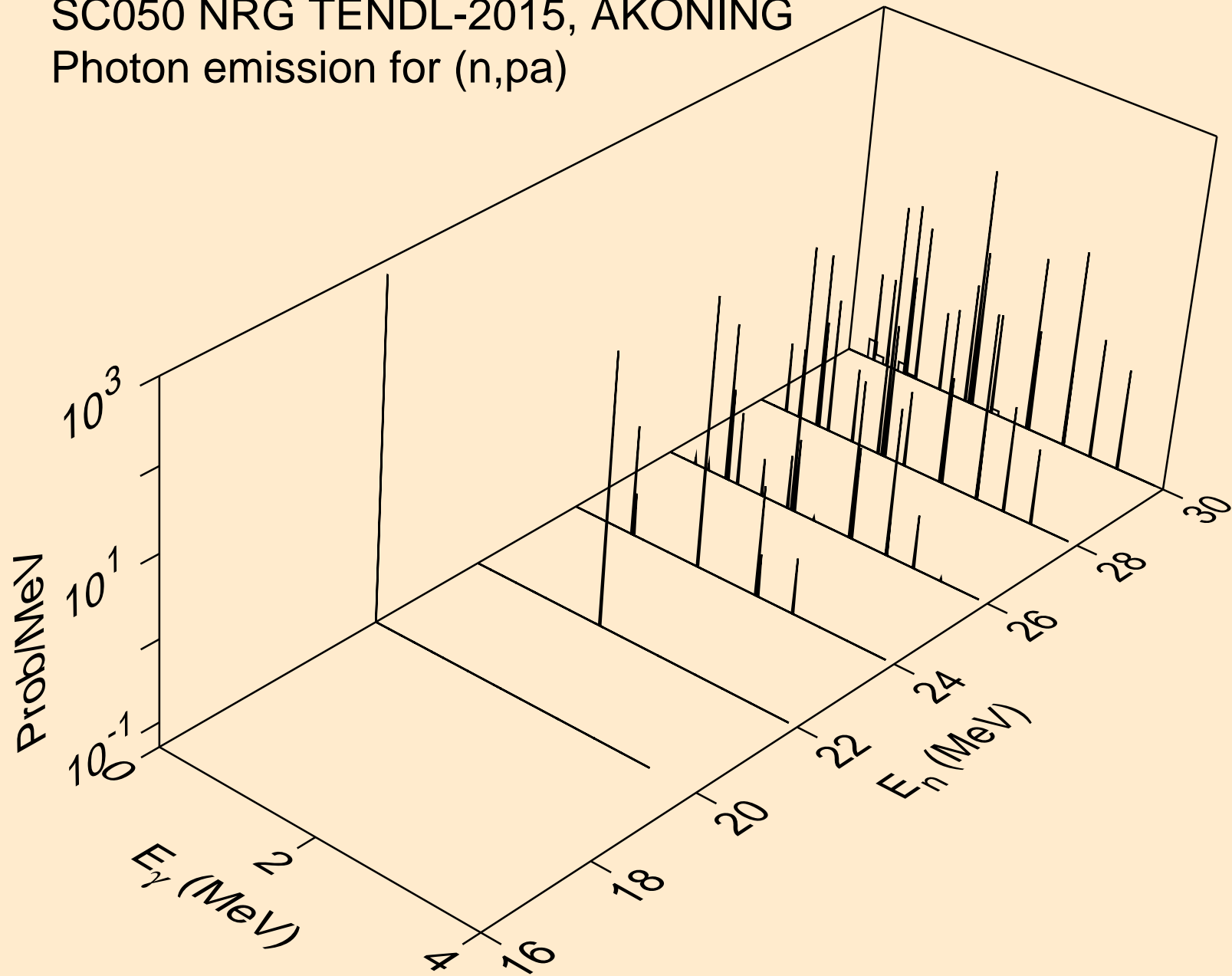
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



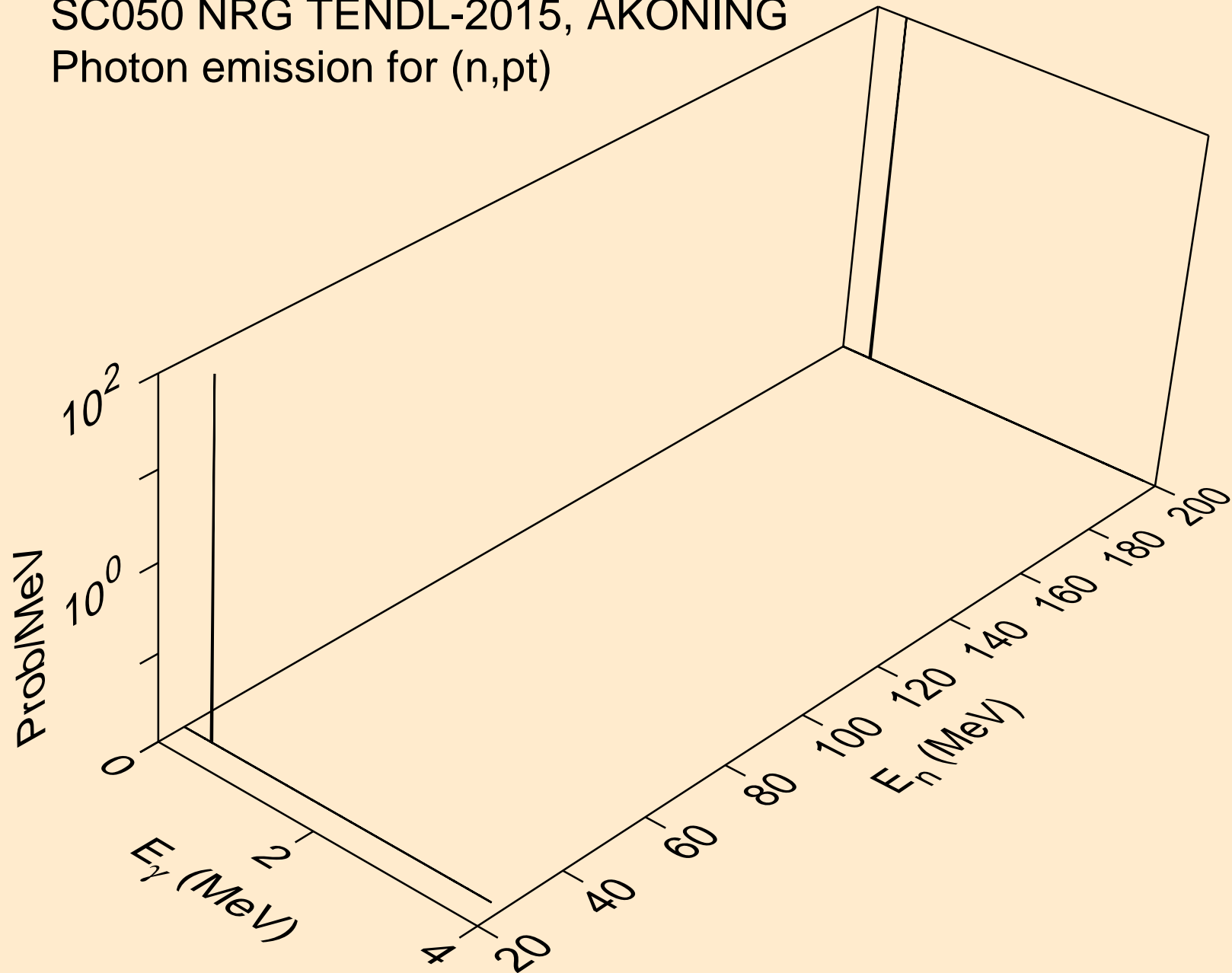
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



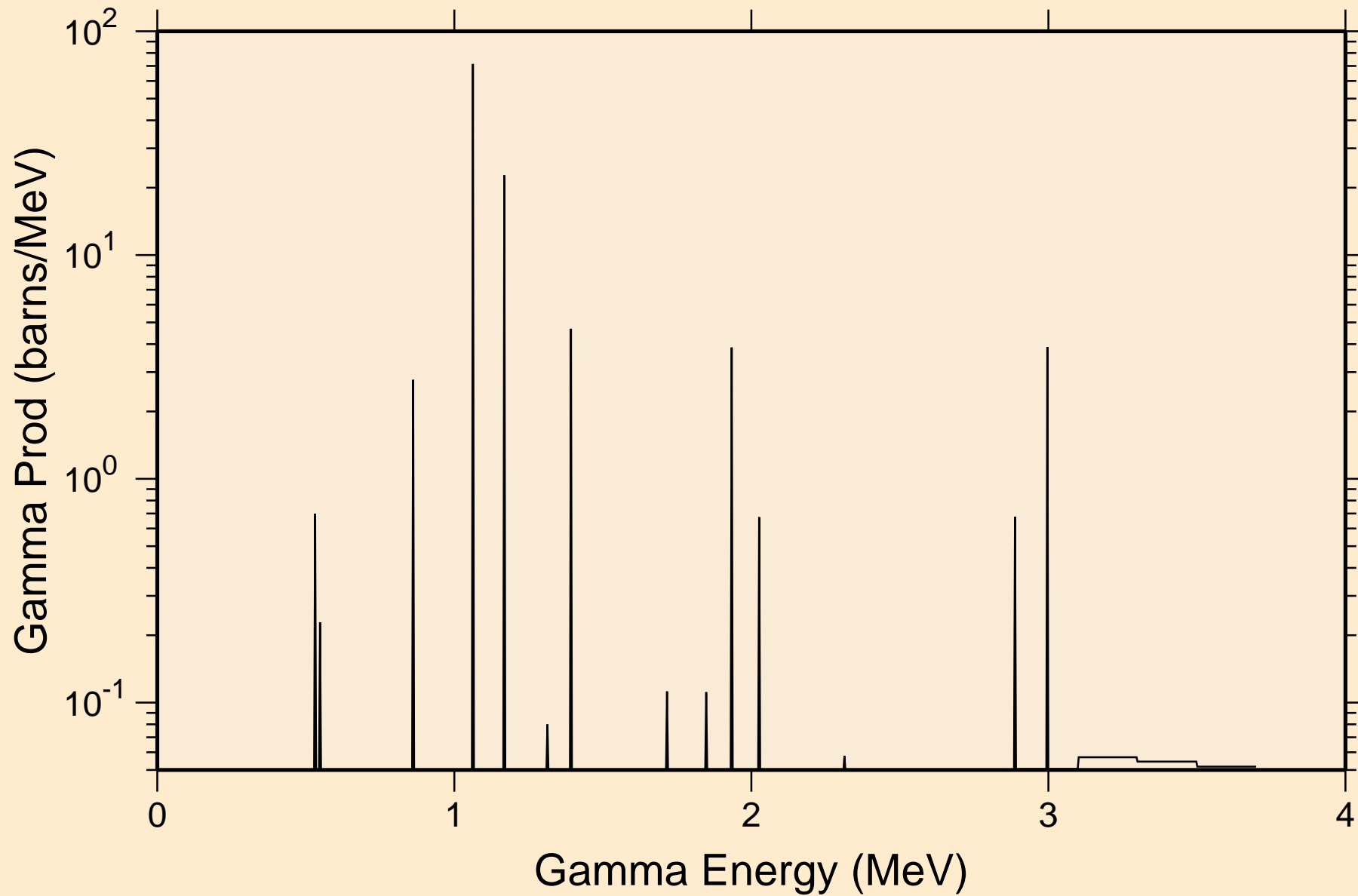
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



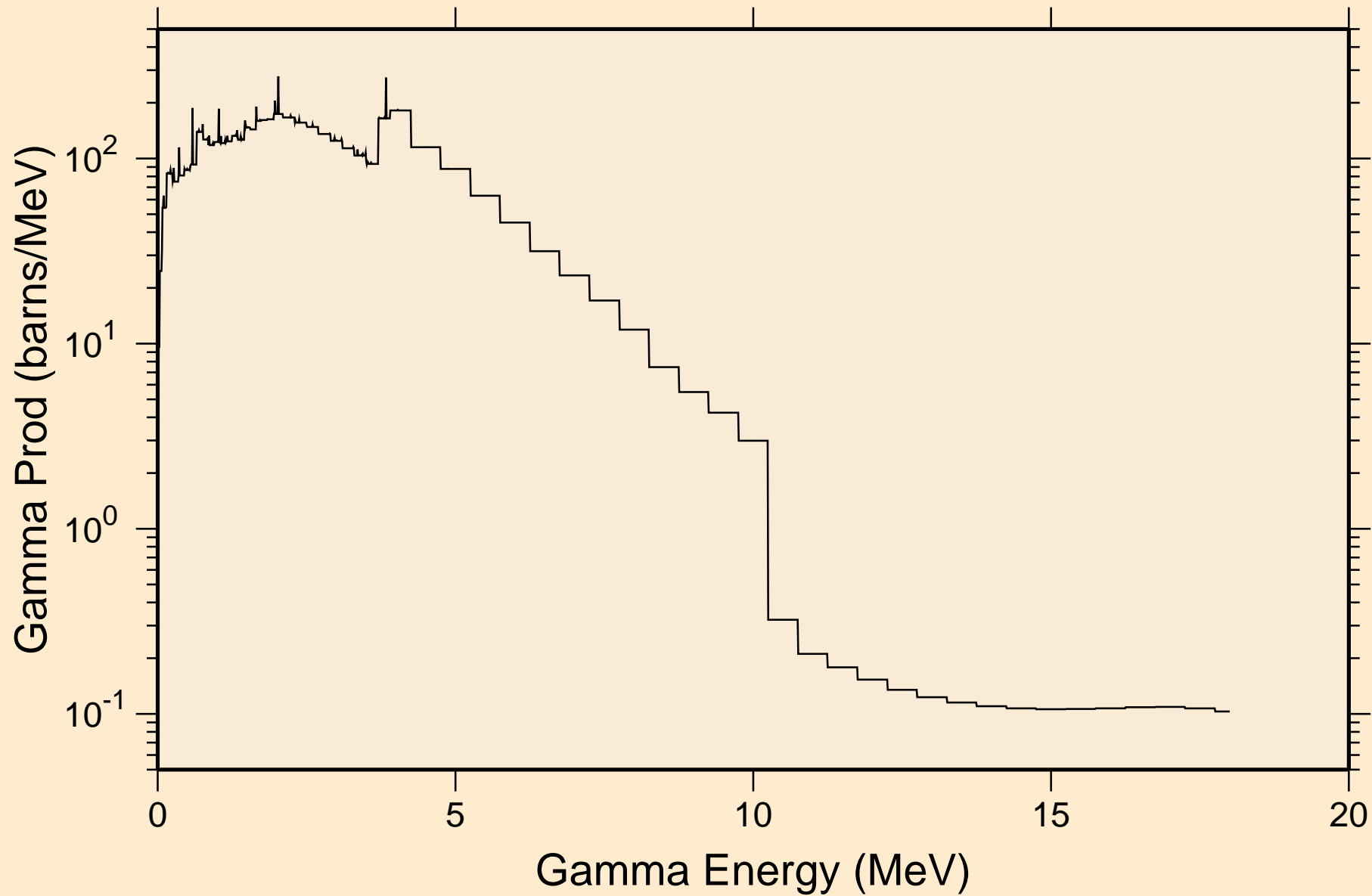
SC050 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



SC050 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



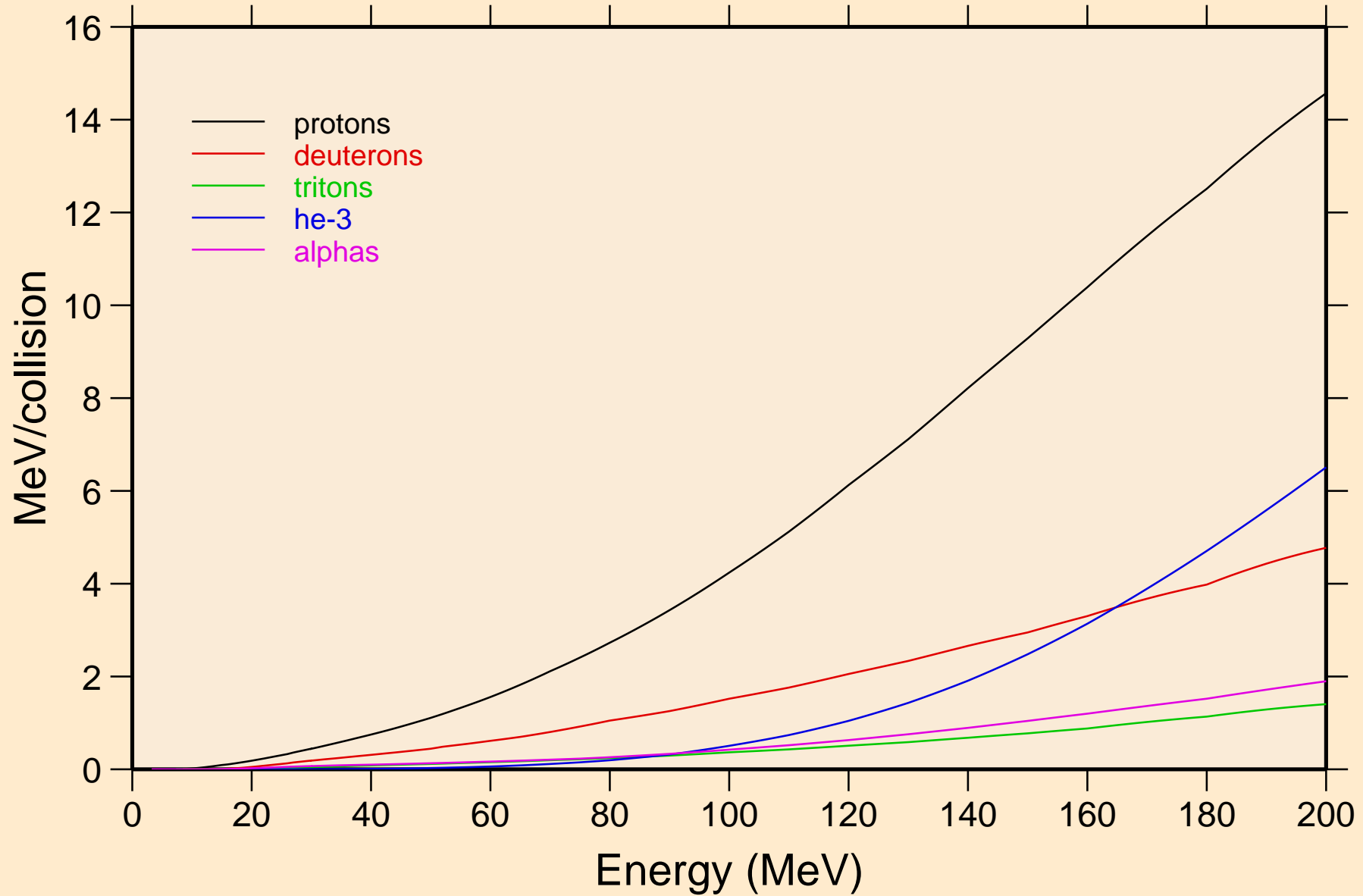
SC050 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





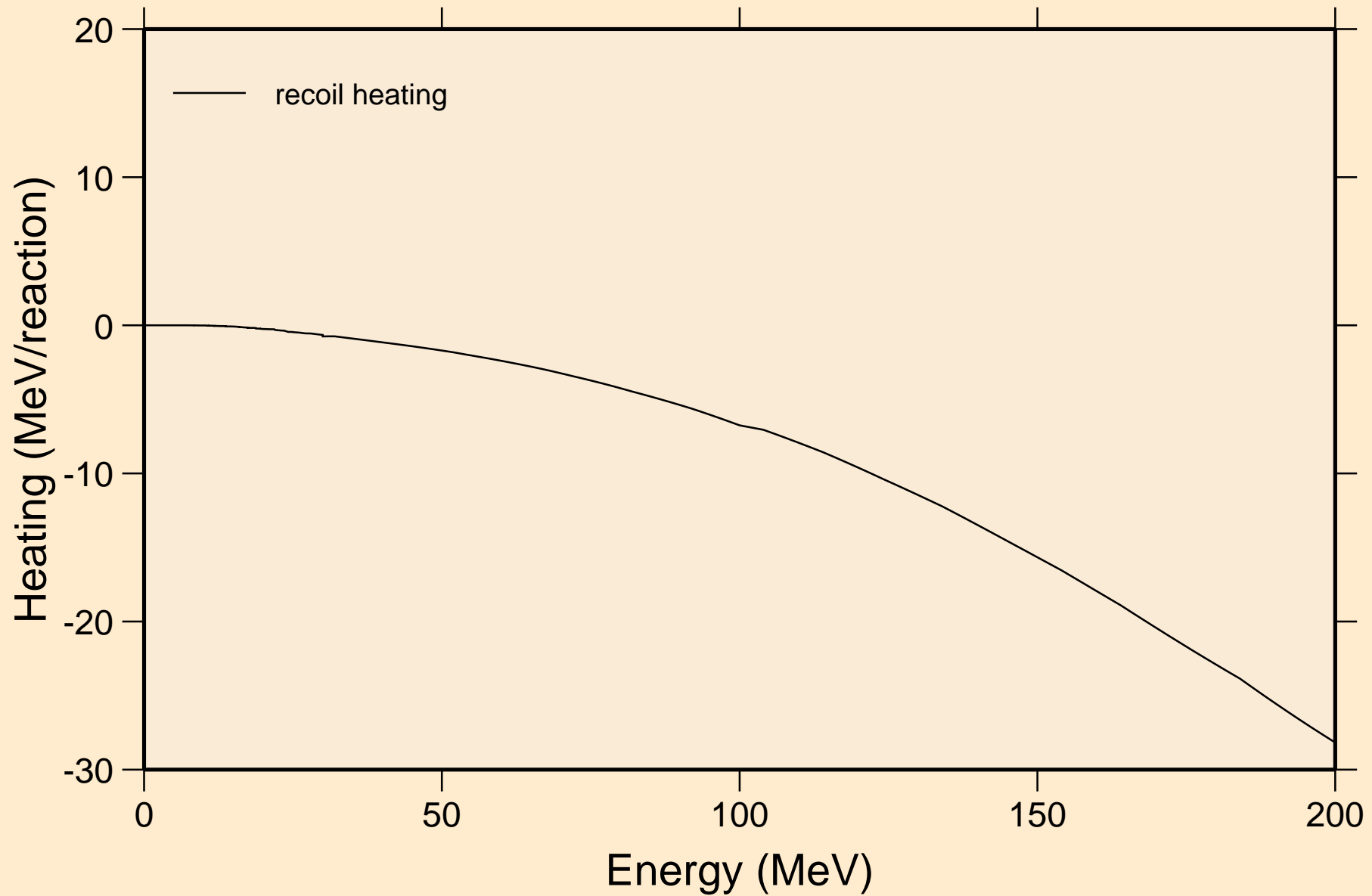
# SC050 NRG TENDL-2015, AKONING

## Particle heating contributions



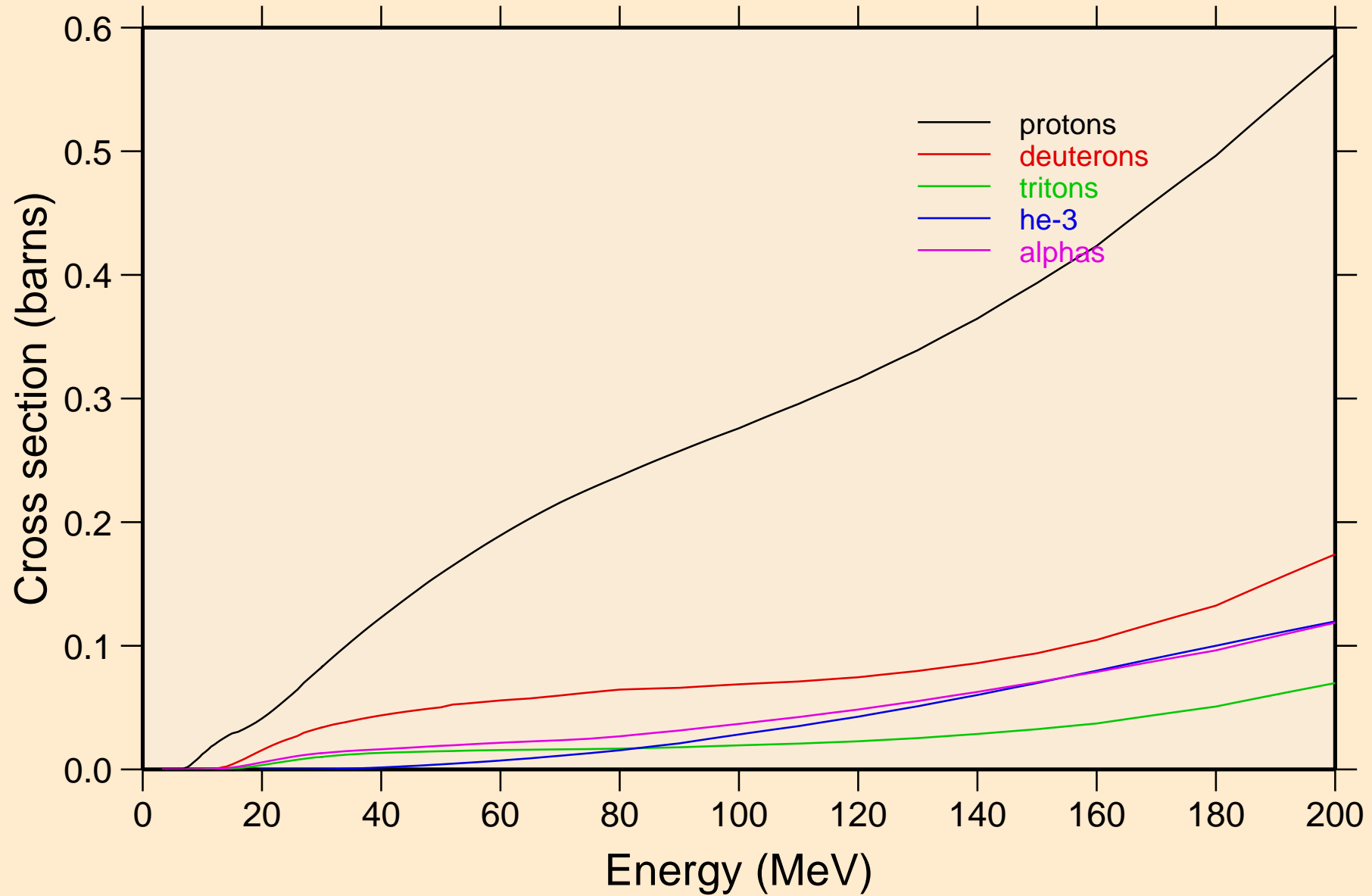
# SC050 NRG TENDL-2015, AKONING

## Recoil Heating

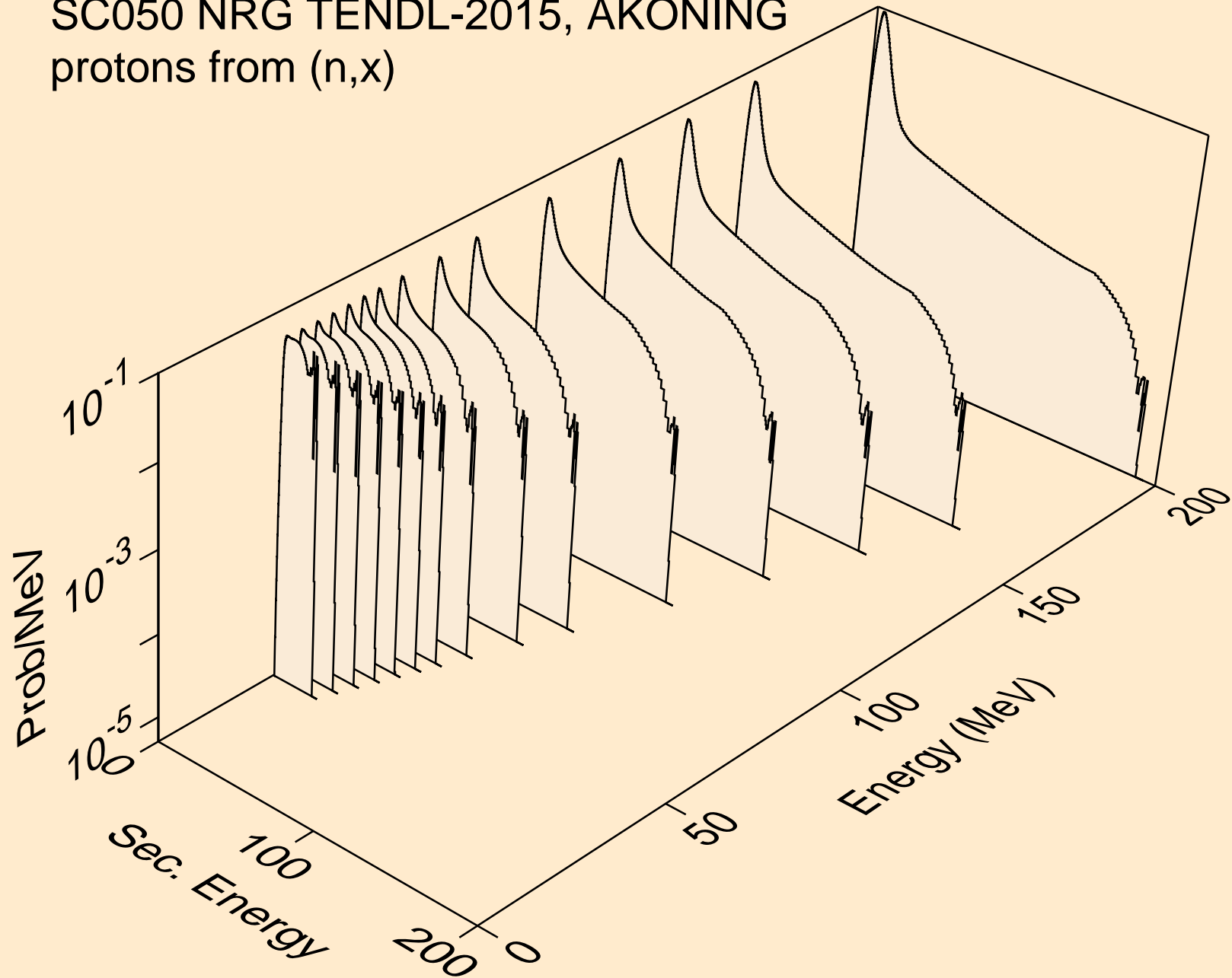


# SC050 NRG TENDL-2015, AKONING

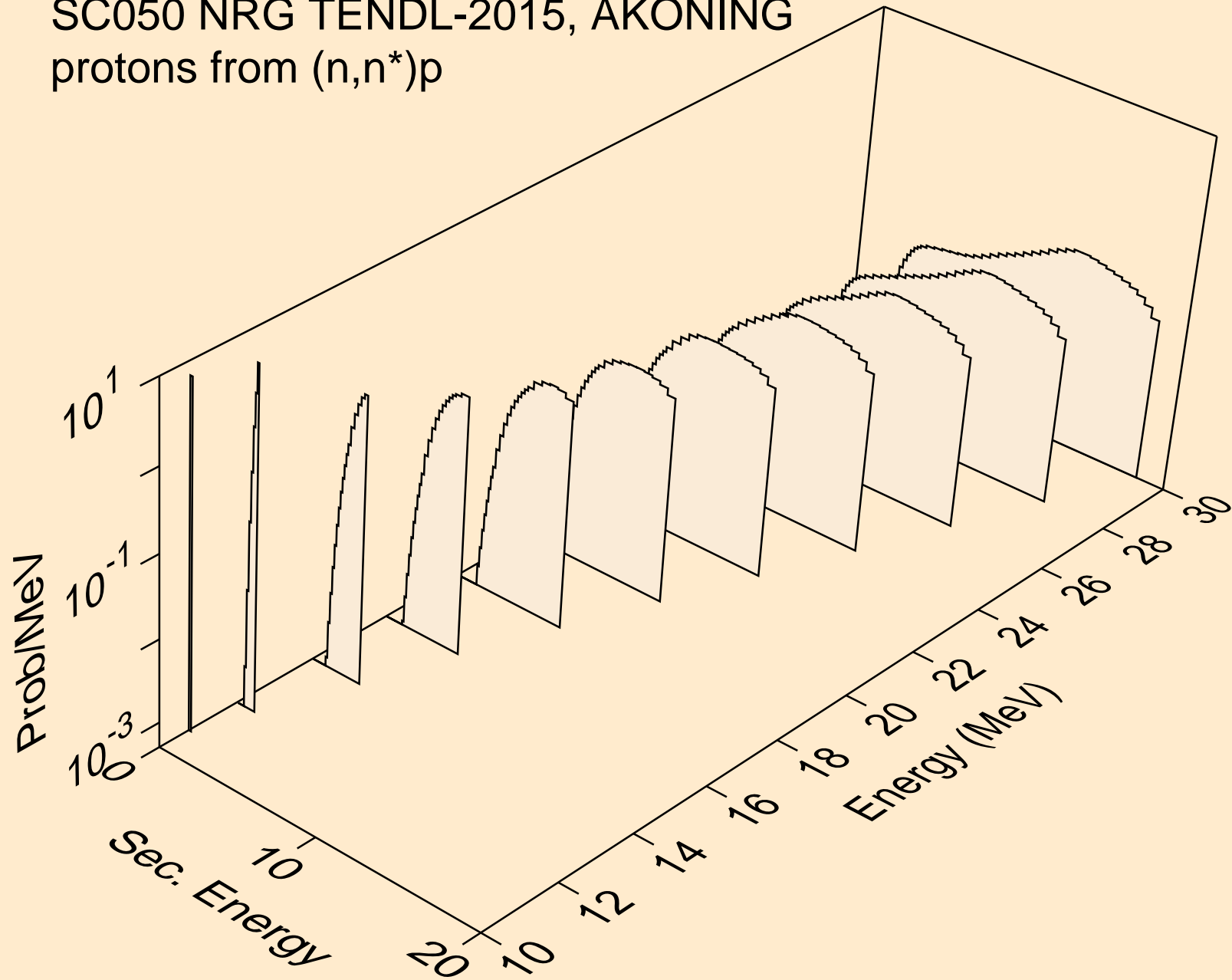
## Particle production cross sections



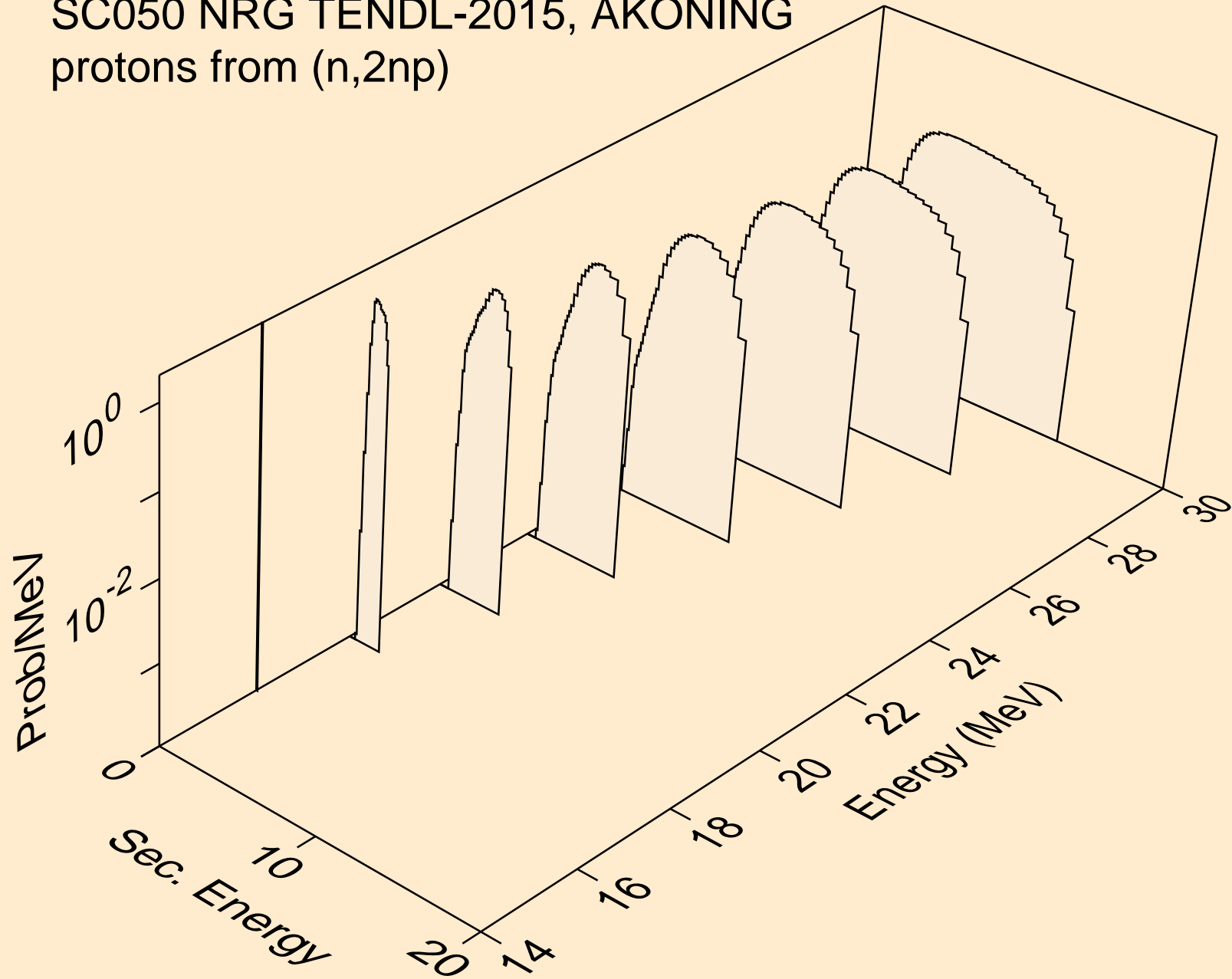
SC050 NRG TENDL-2015, AKONING  
protons from (n,x)



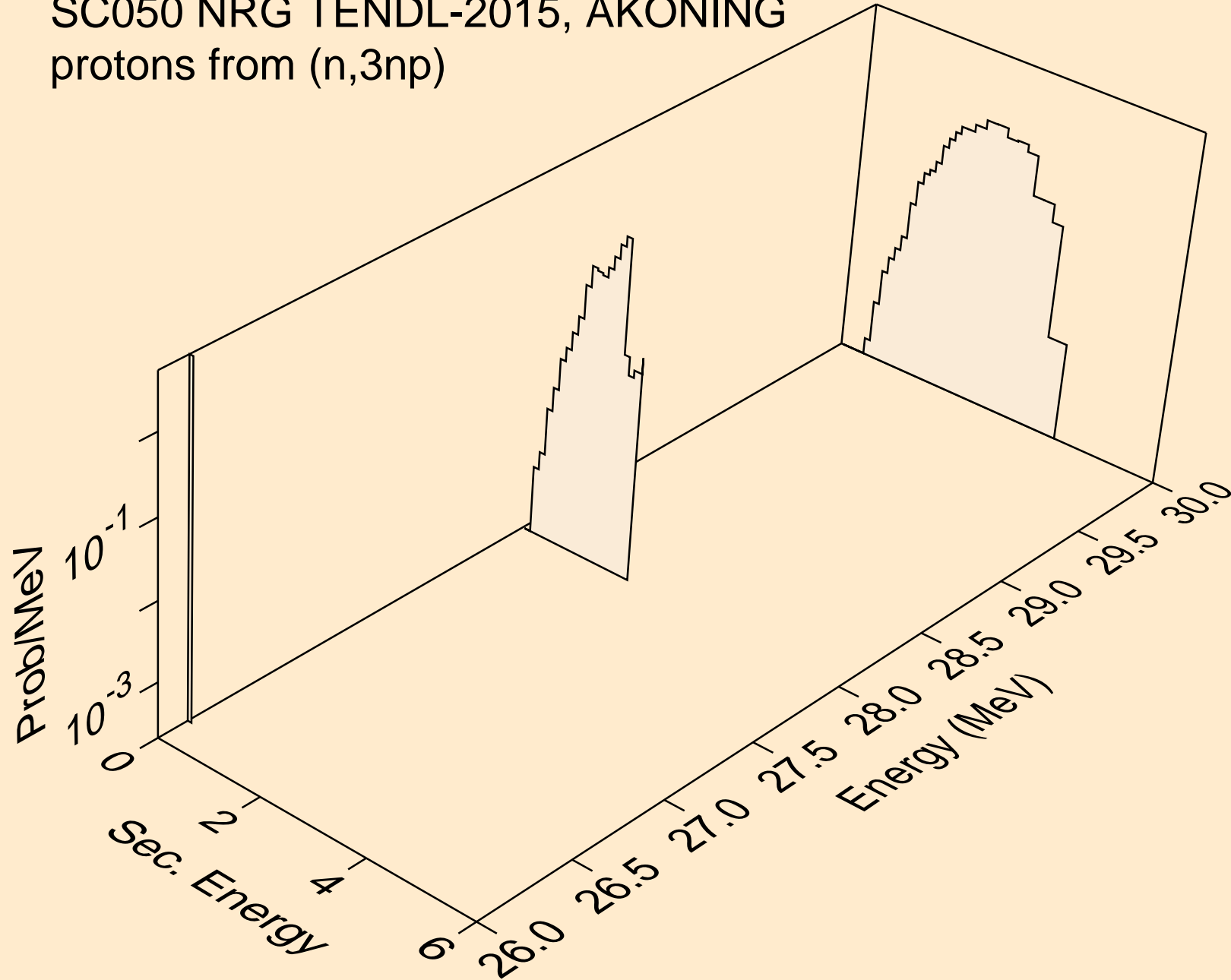
SC050 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



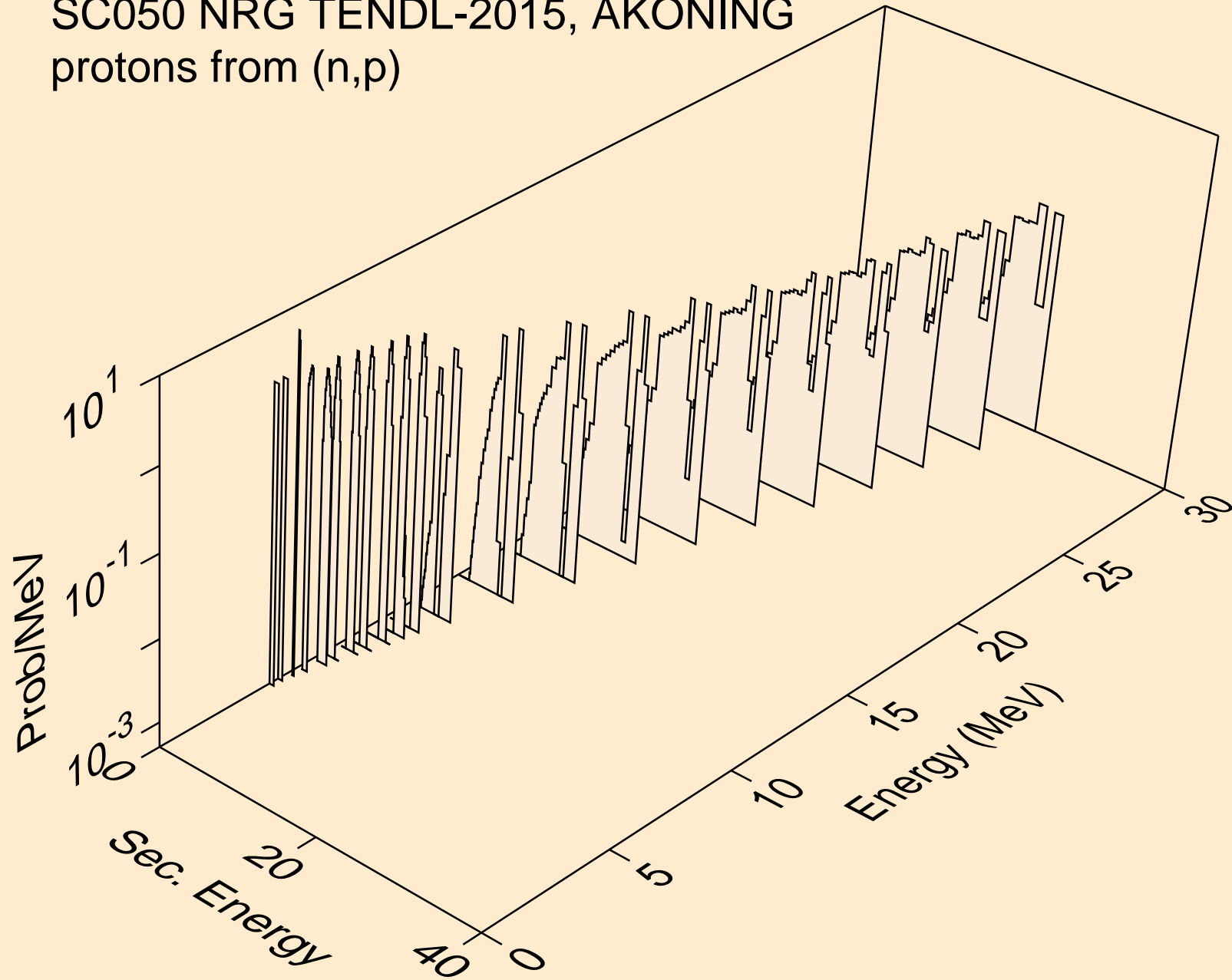
SC050 NRG TENDL-2015, AKONING  
protons from (n,2np)



SC050 NRG TENDL-2015, AKONING  
protons from (n,3np)

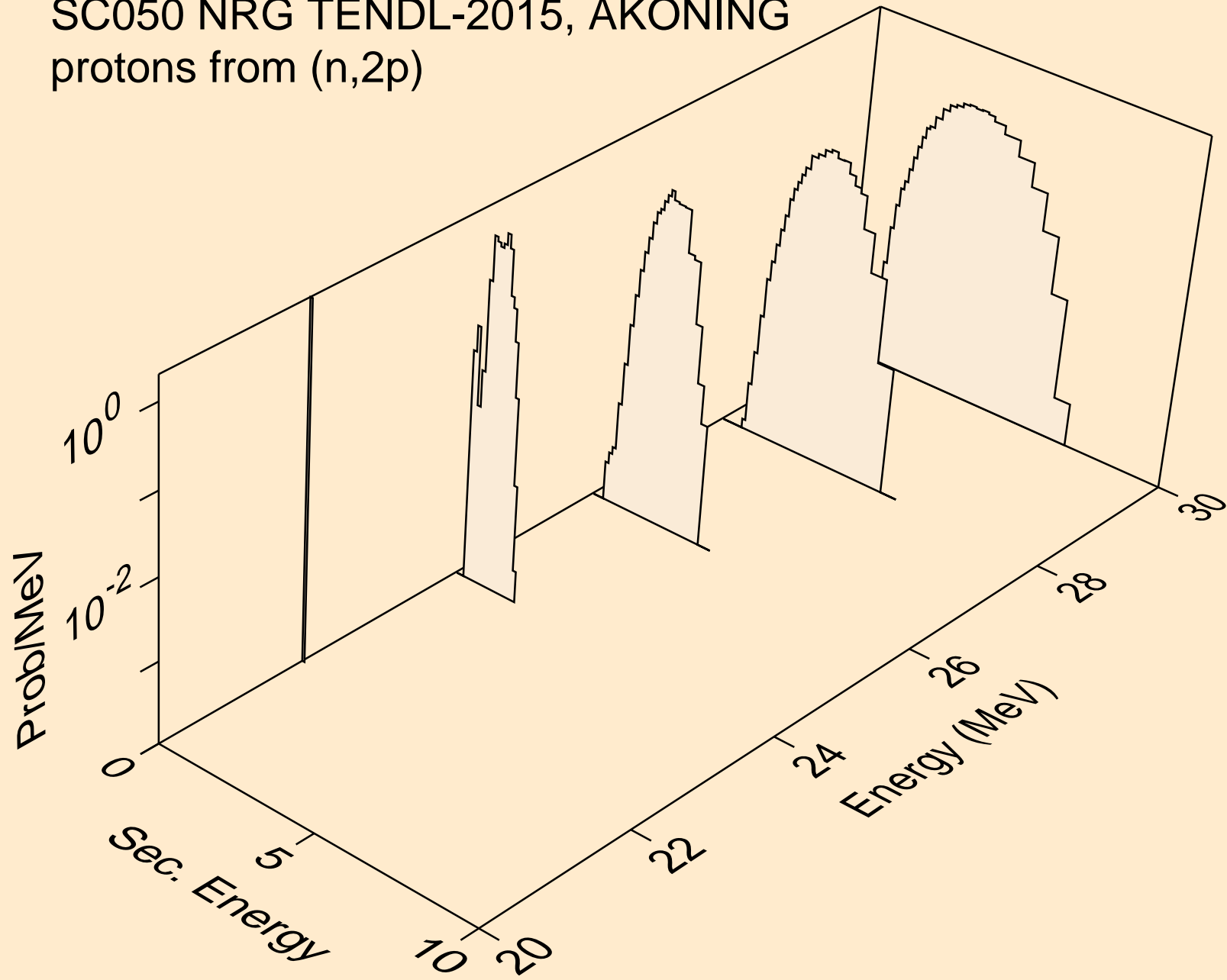


SC050 NRG TENDL-2015, AKONING  
protons from (n,p)

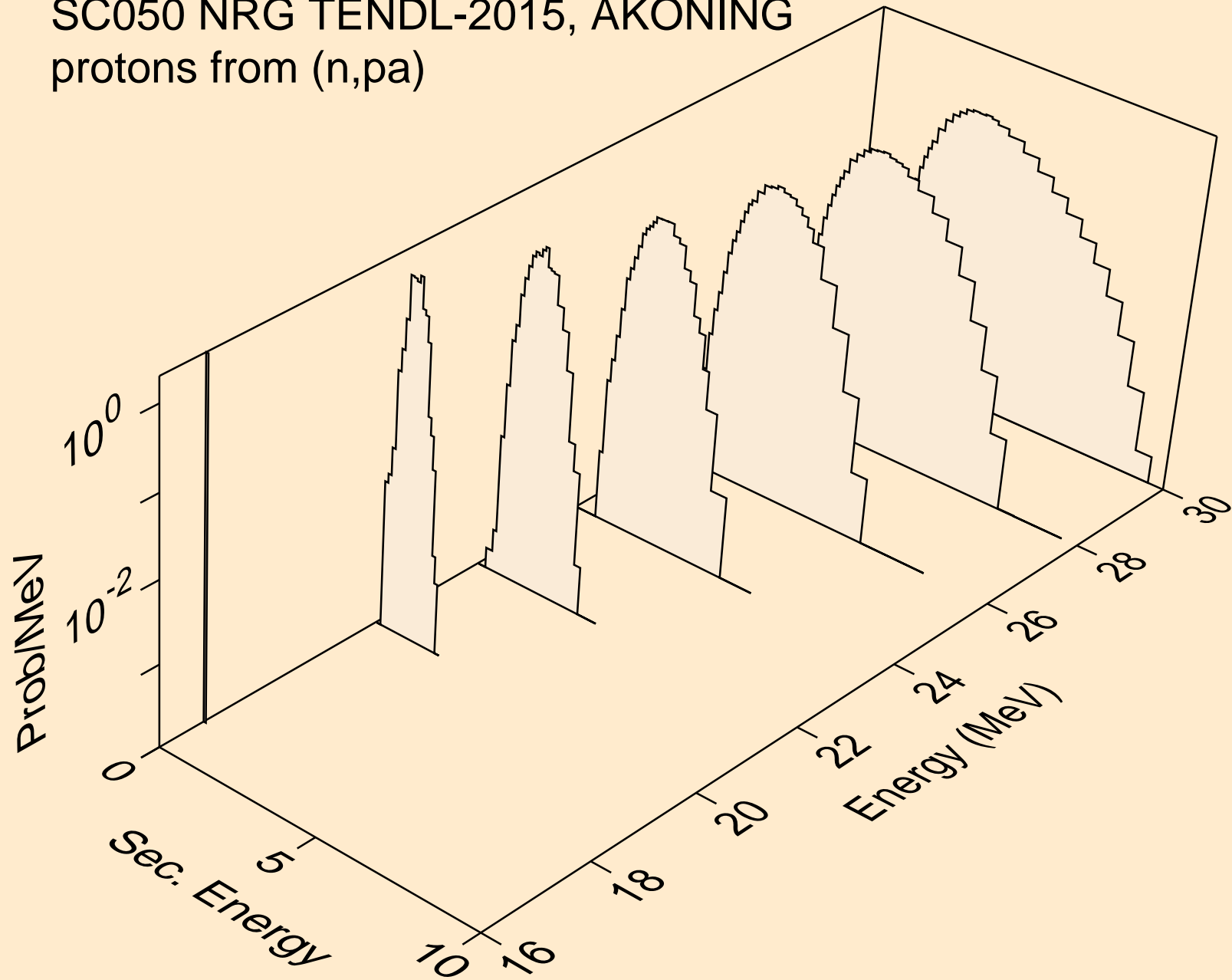




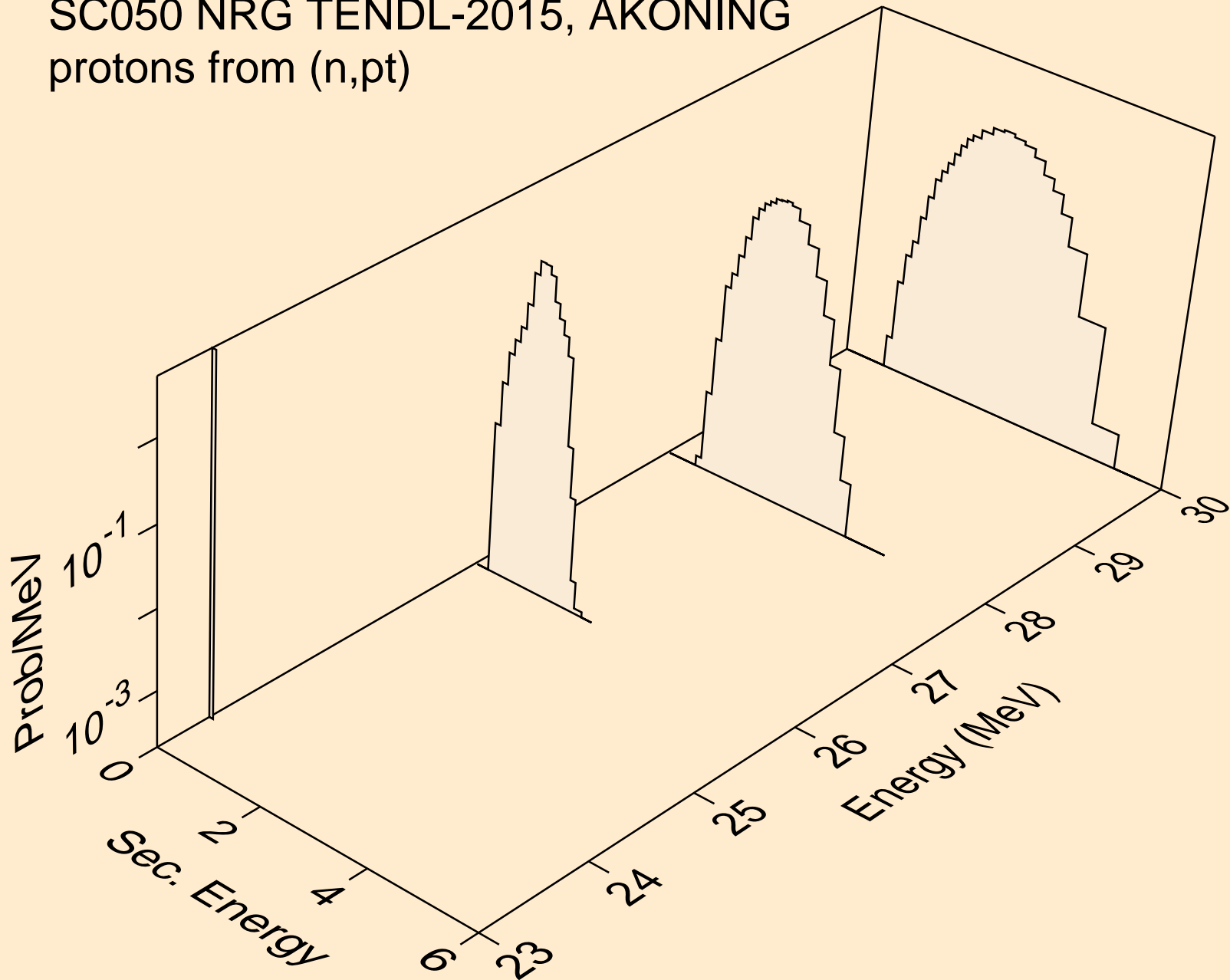
SC050 NRG TENDL-2015, AKONING  
protons from (n,2p)



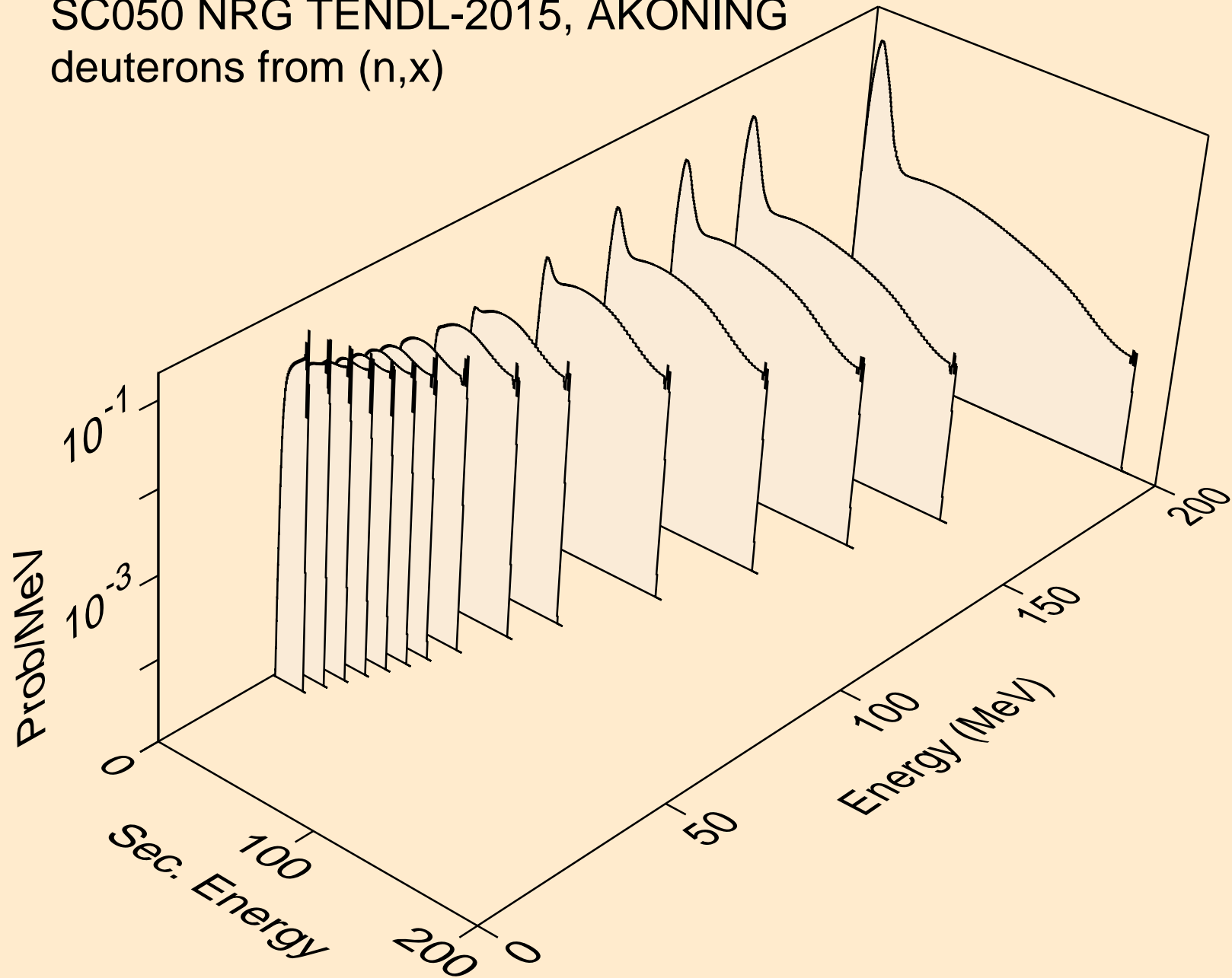
SC050 NRG TENDL-2015, AKONING  
protons from (n,pa)



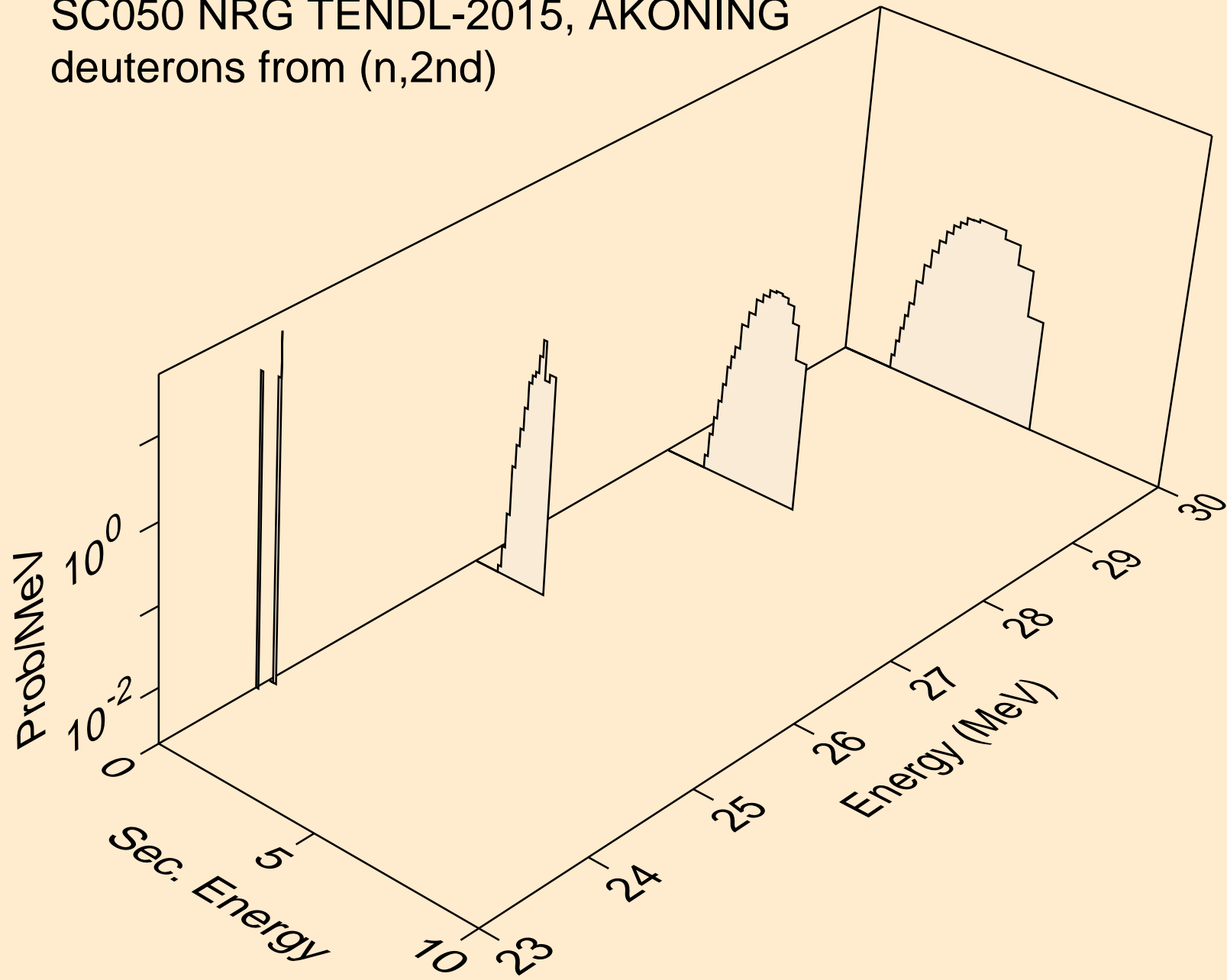
SC050 NRG TENDL-2015, AKONING  
protons from (n,pt)



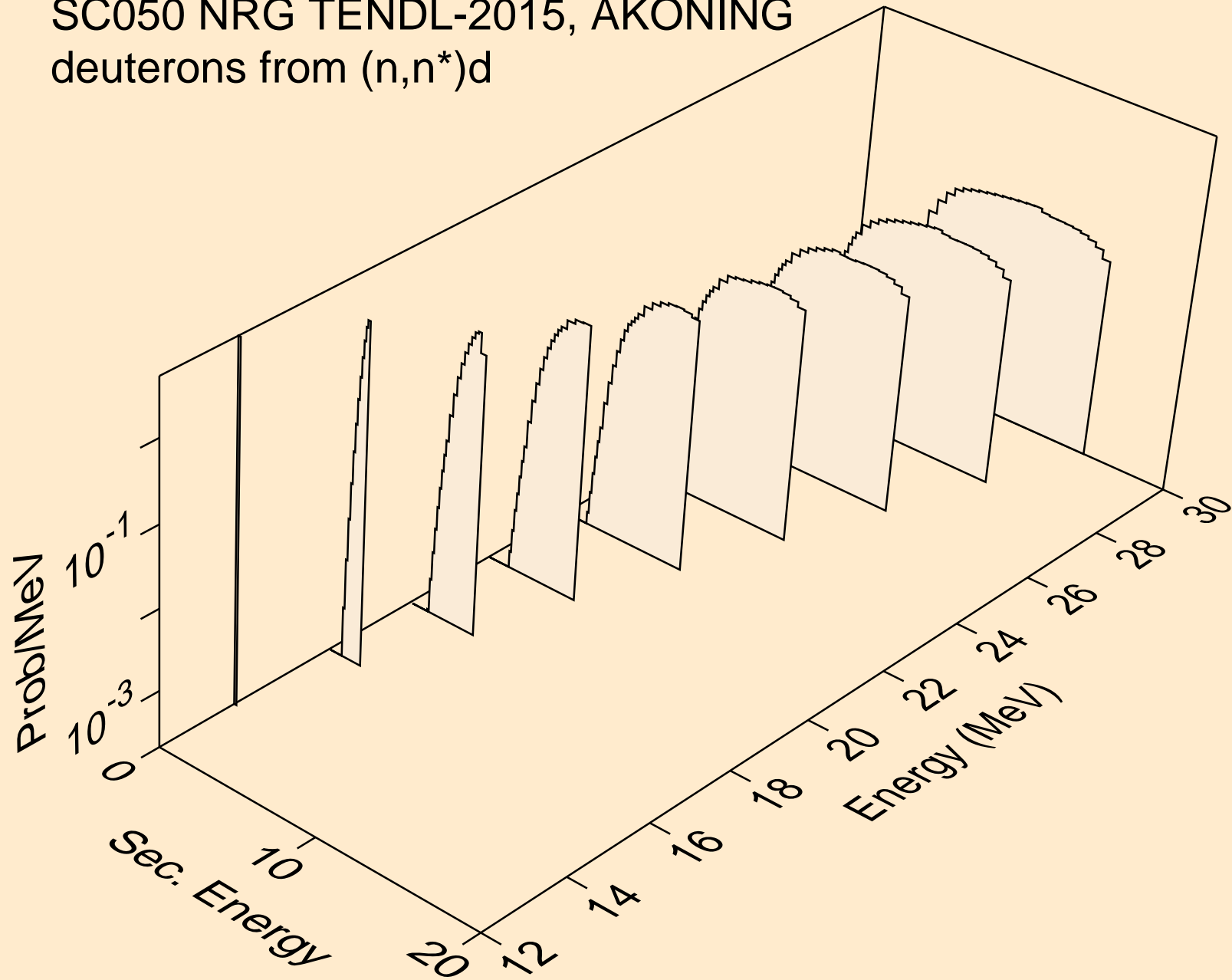
SC050 NRG TENDL-2015, AKONING  
deuterons from (n,x)



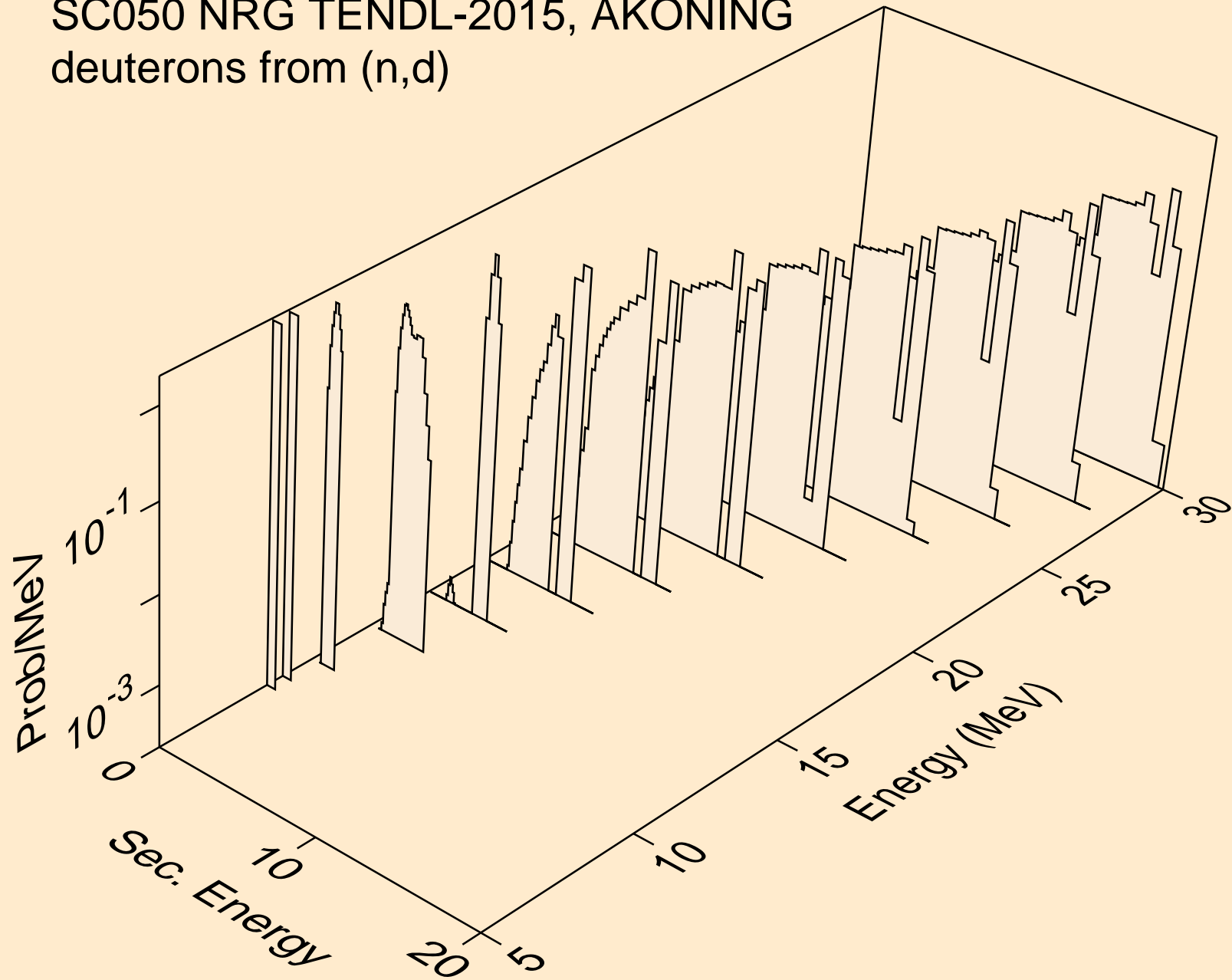
SC050 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



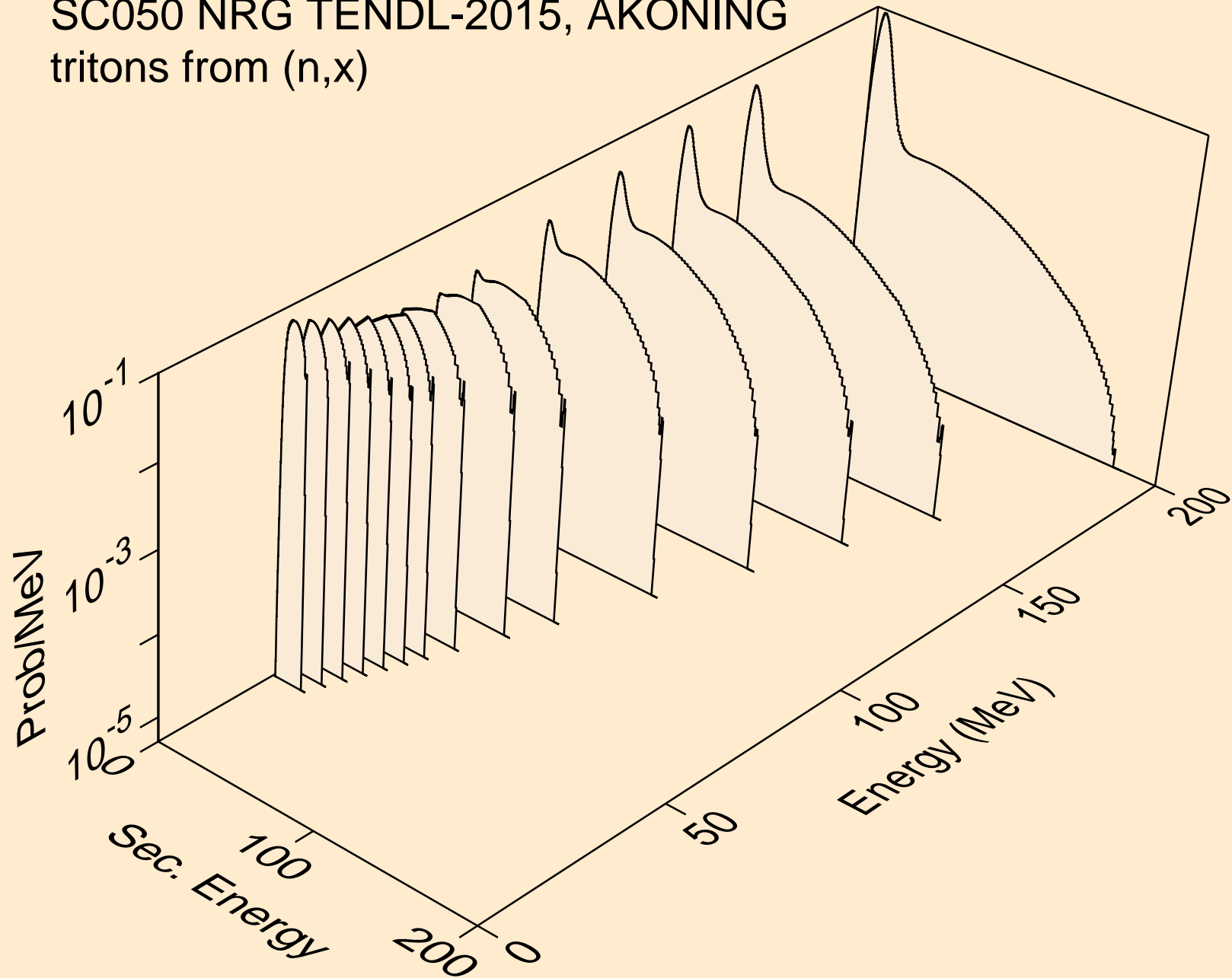
SC050 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



SC050 NRG TENDL-2015, AKONING  
deuterons from (n,d)

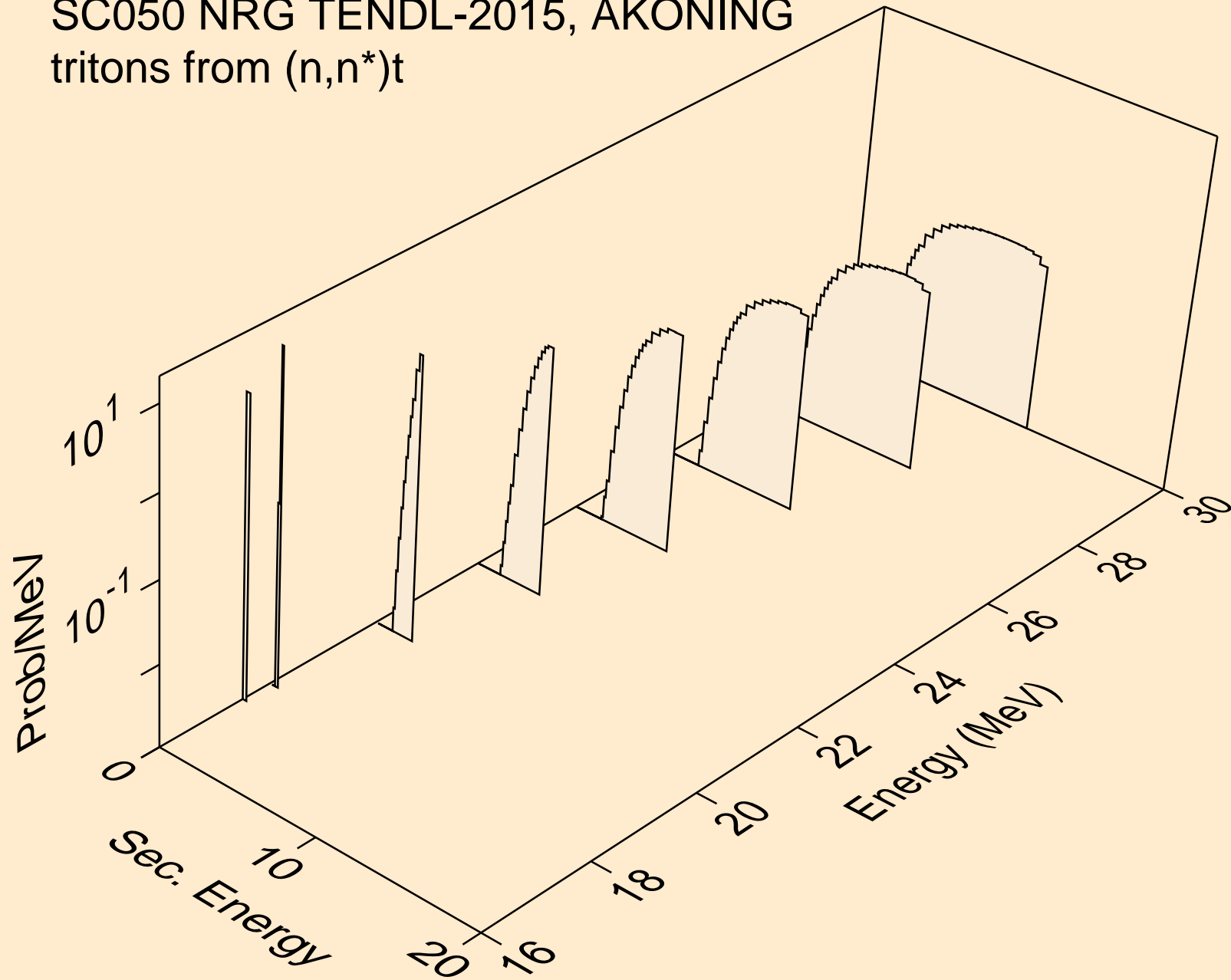


SC050 NRG TENDL-2015, AKONING  
tritons from (n,x)

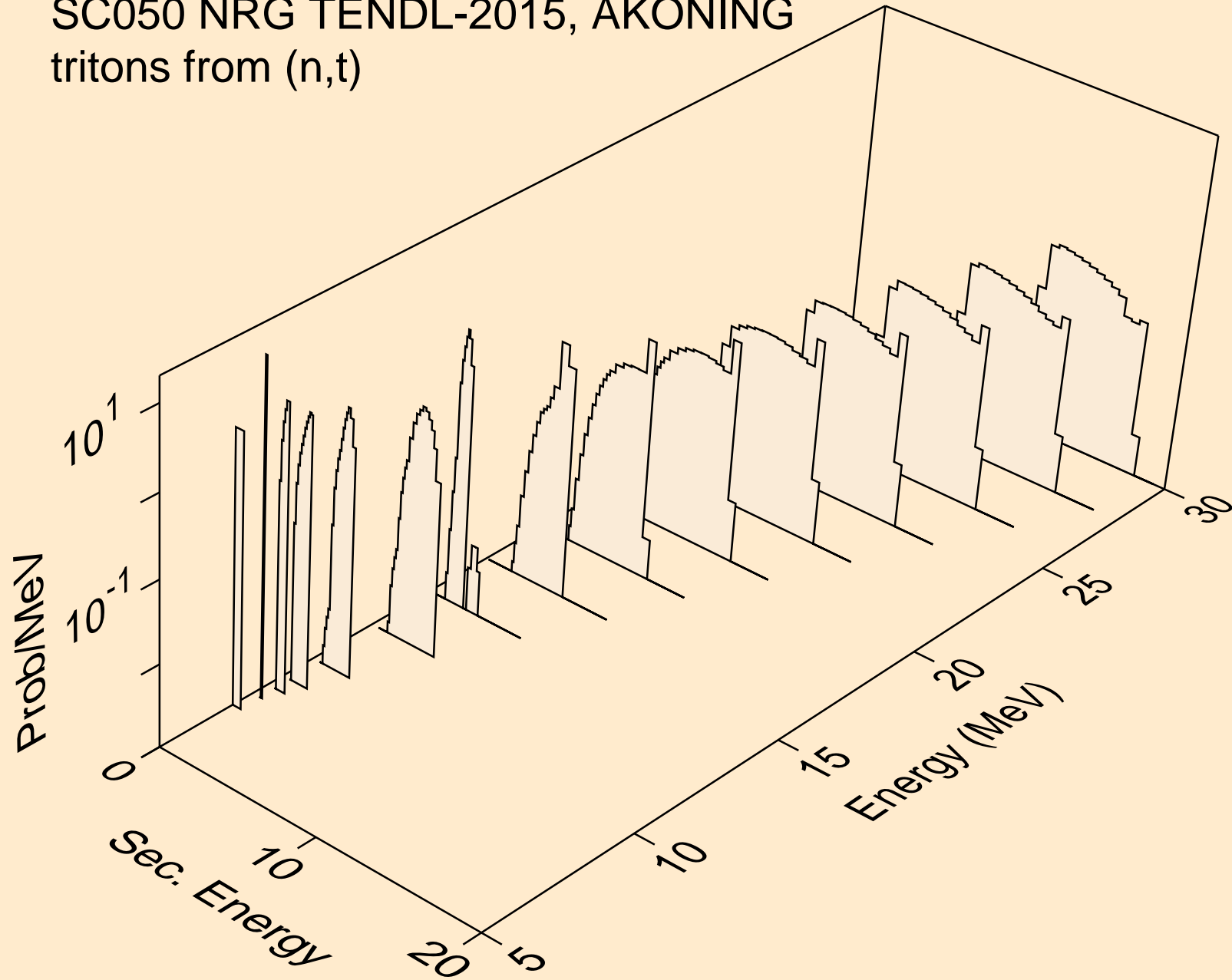




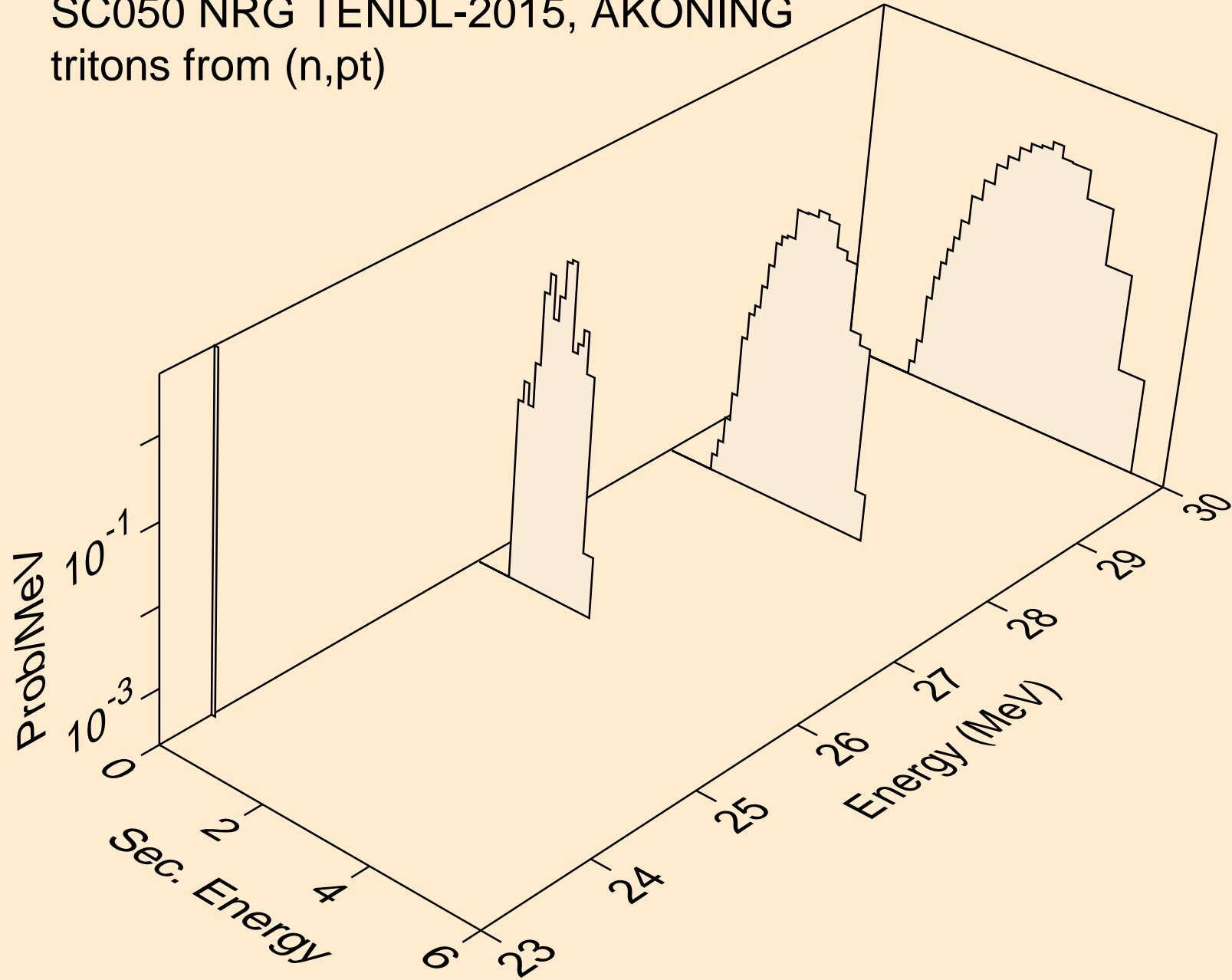
SC050 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



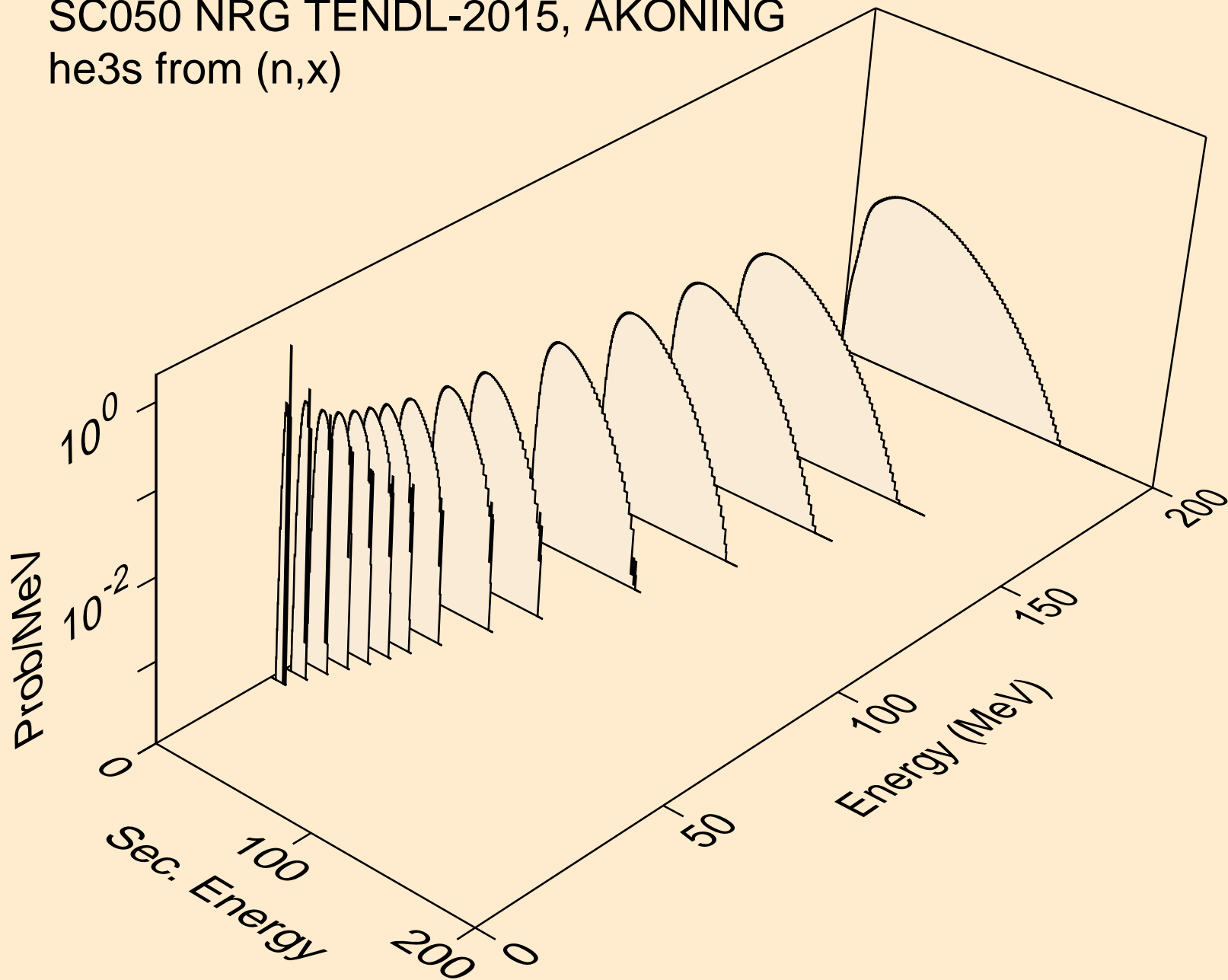
SC050 NRG TENDL-2015, AKONING  
tritons from (n,t)



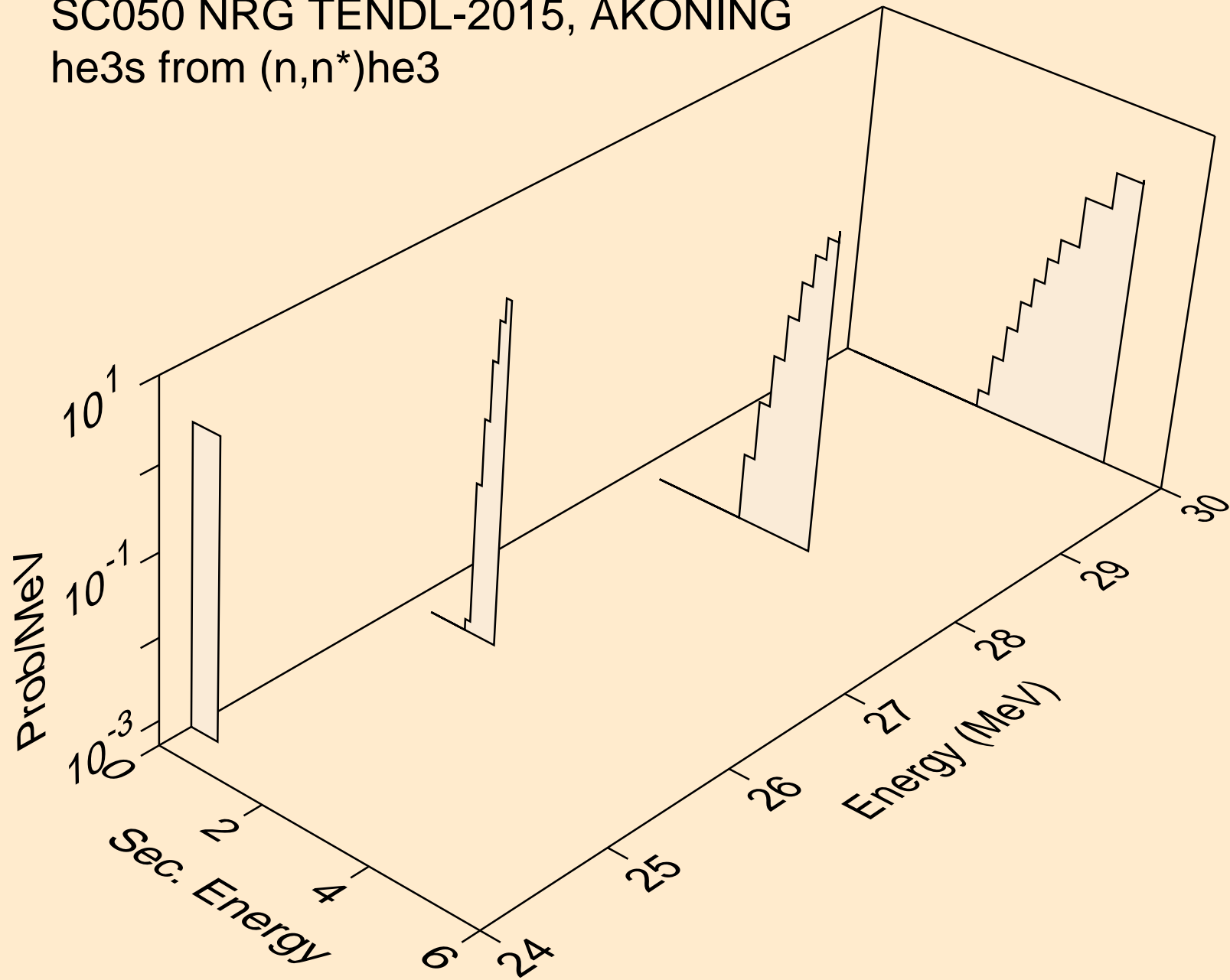
SC050 NRG TENDL-2015, AKONING  
tritons from (n,pt)



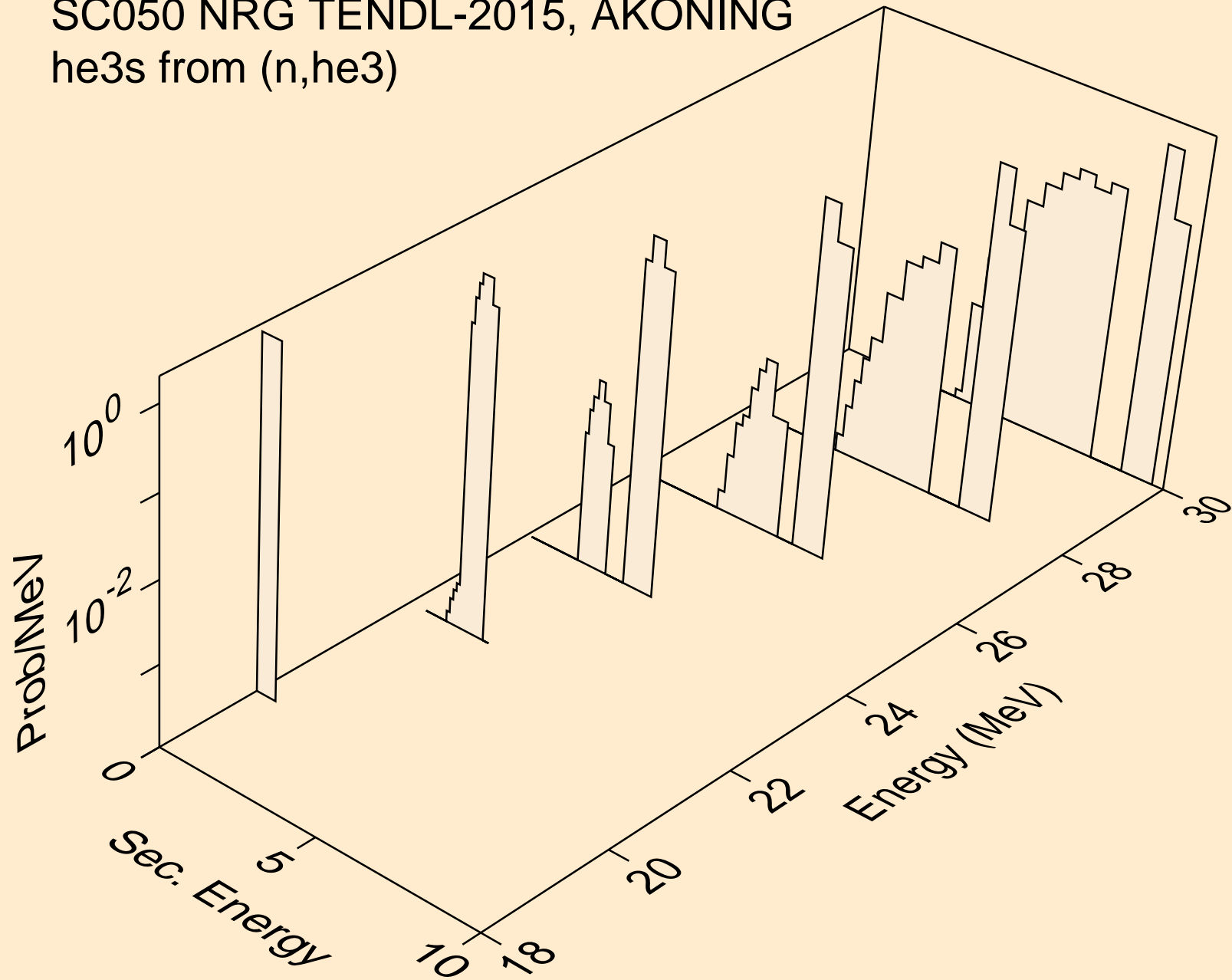
SC050 NRG TENDL-2015, AKONING  
he3s from (n,x)



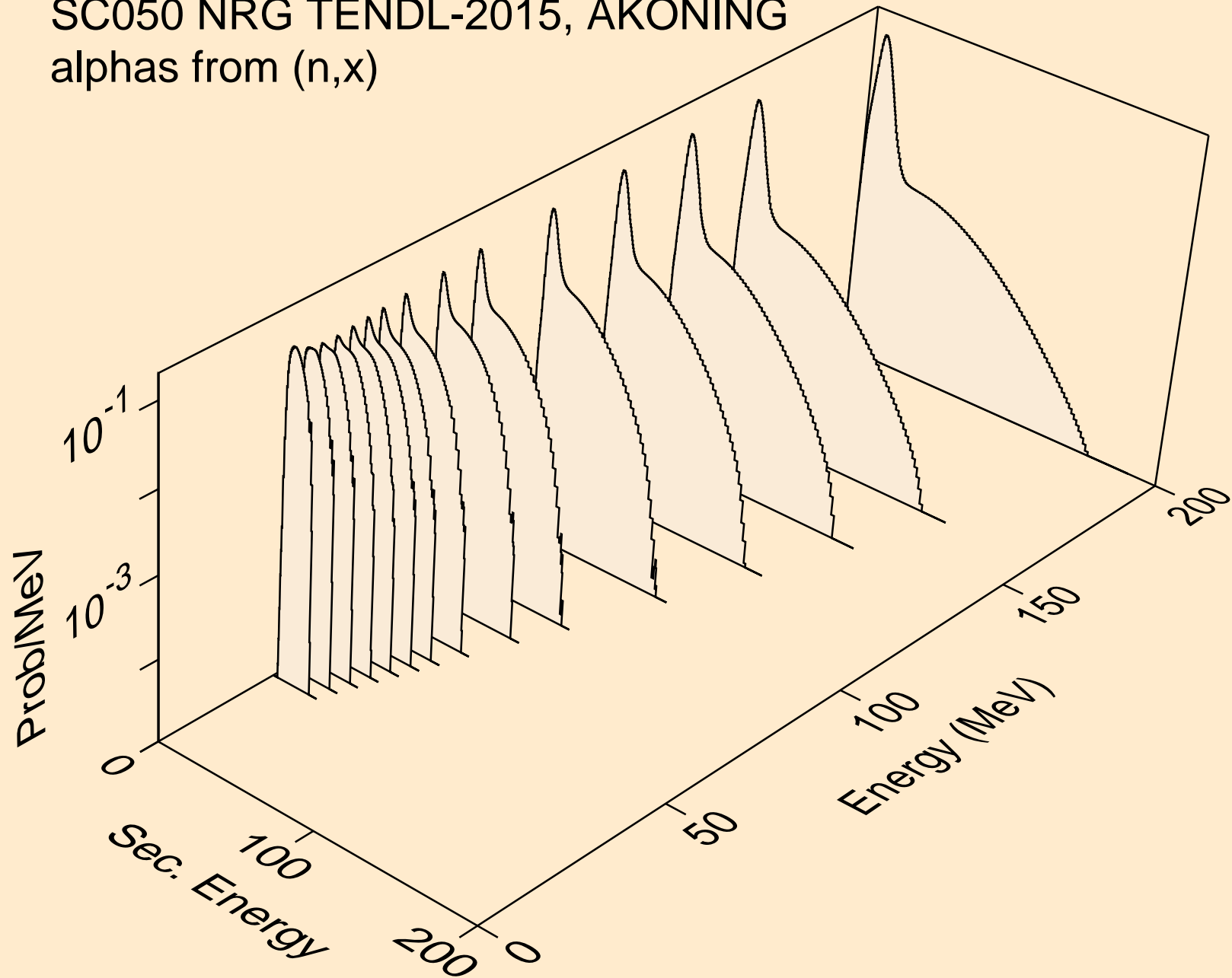
SC050 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



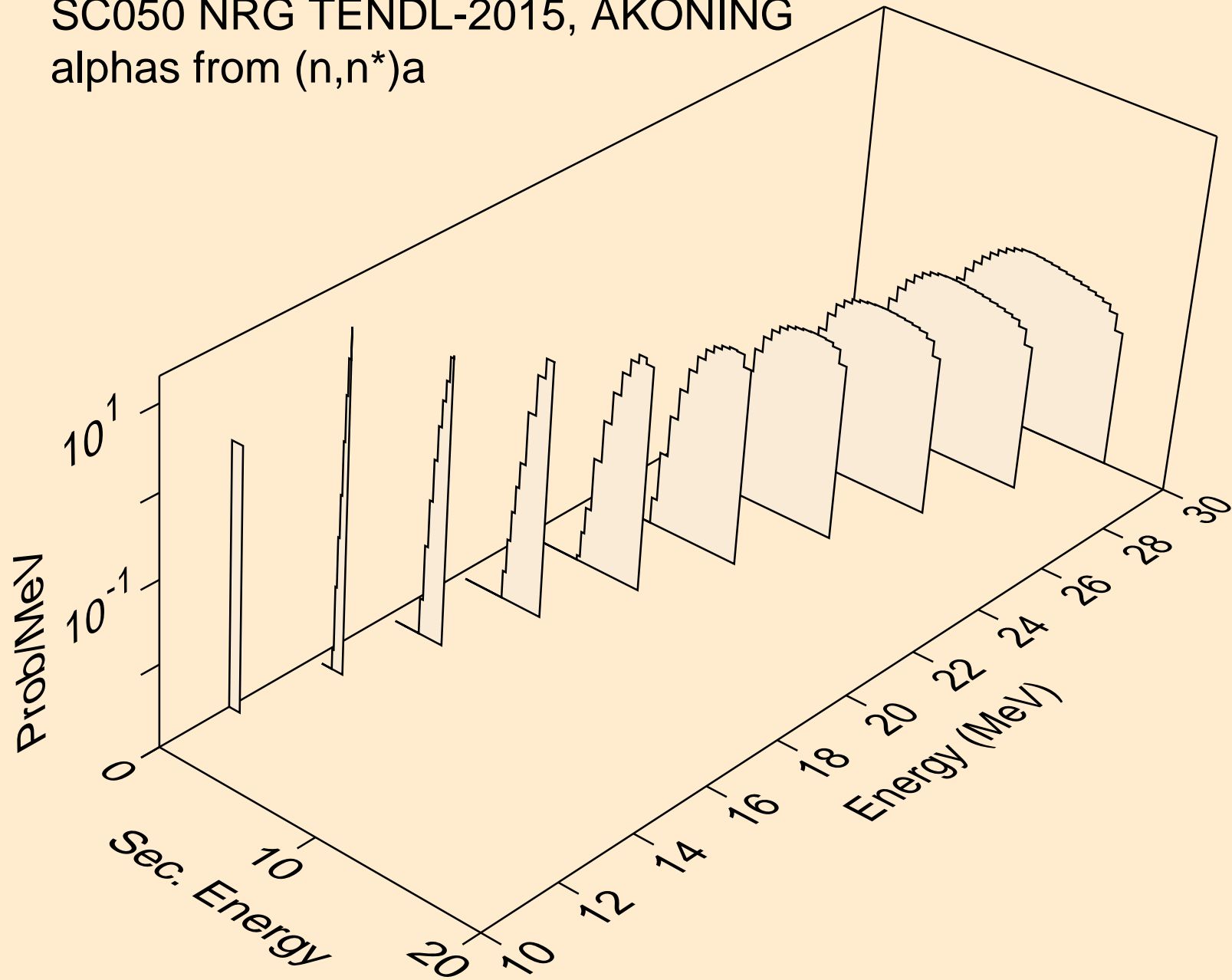
SC050 NRG TENDL-2015, AKONING  
he3s from (n,he3)



SC050 NRG TENDL-2015, AKONING  
alphas from (n,x)

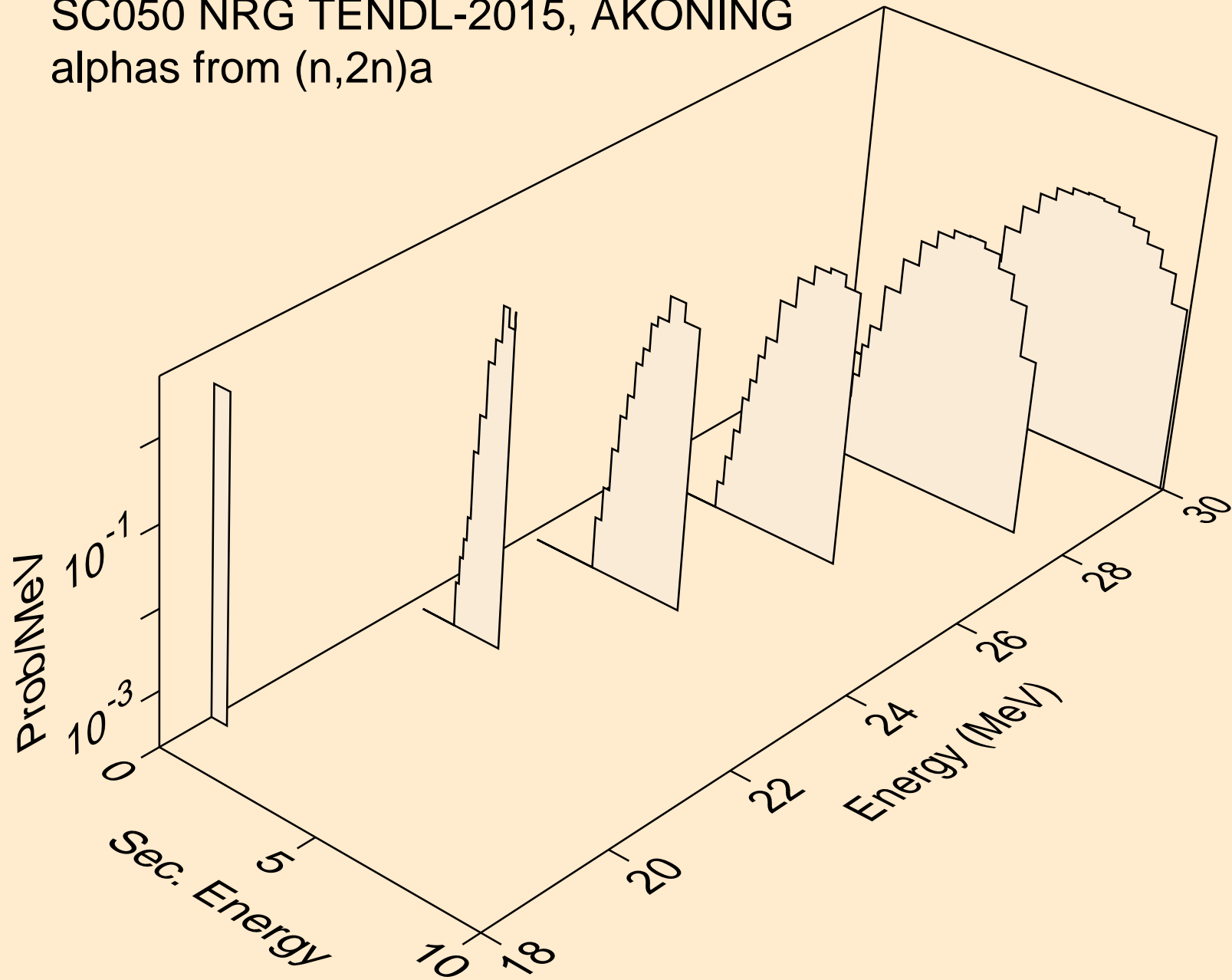


SC050 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

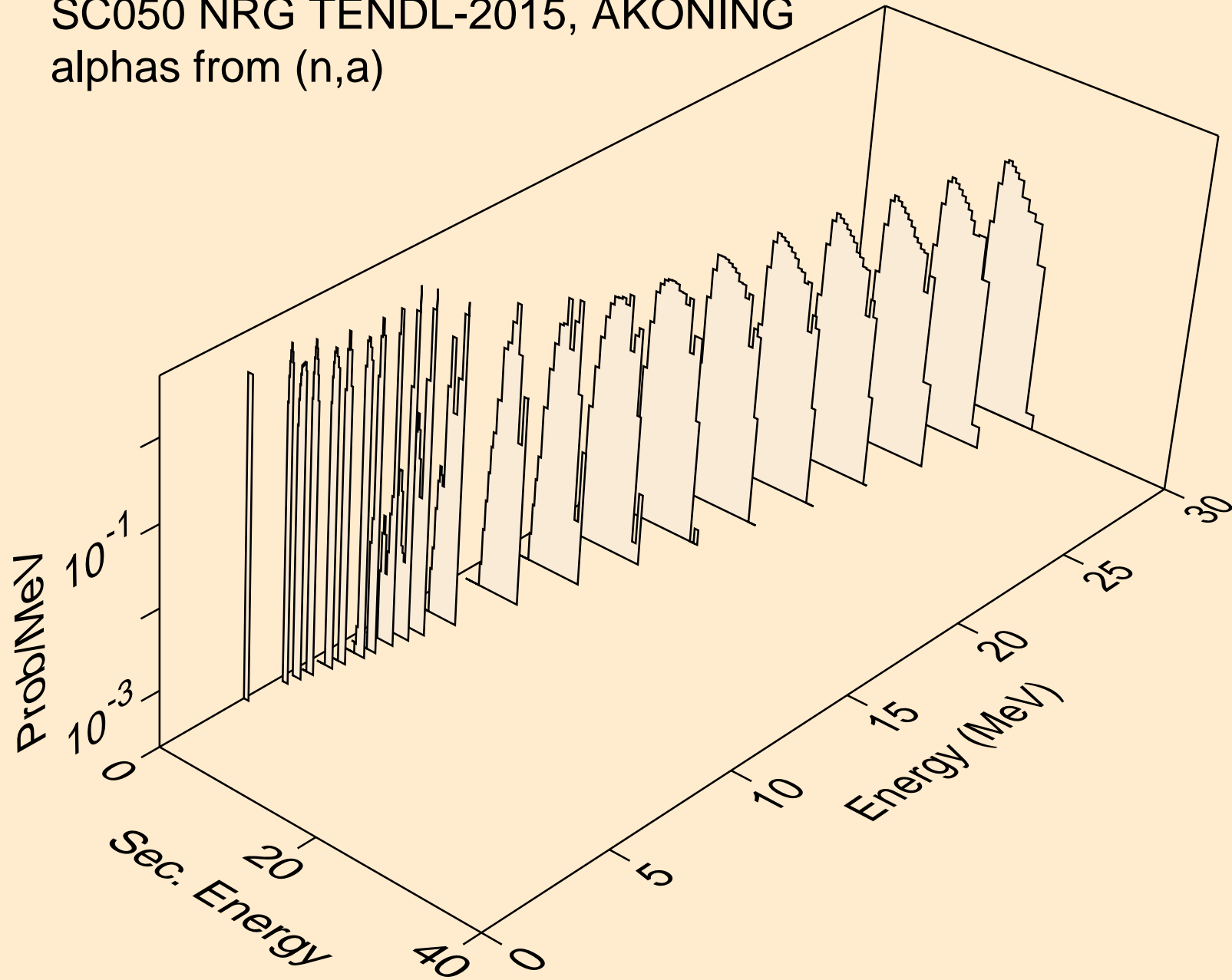




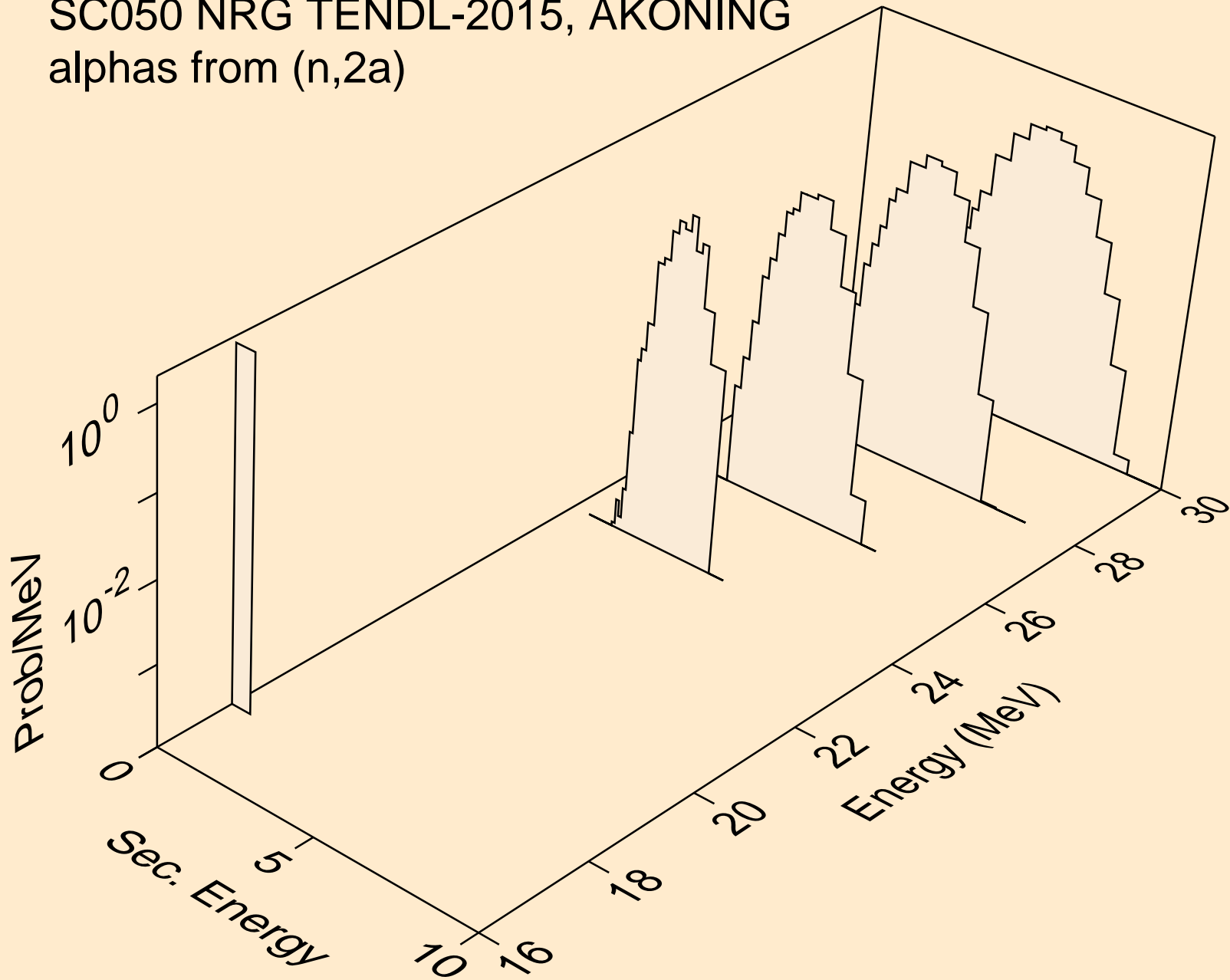
SC050 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



SC050 NRG TENDL-2015, AKONING  
alphas from (n,a)



SC050 NRG TENDL-2015, AKONING  
alphas from (n,2a)



SC050 NRG TENDL-2015, AKONING  
alphas from (n,pa)

