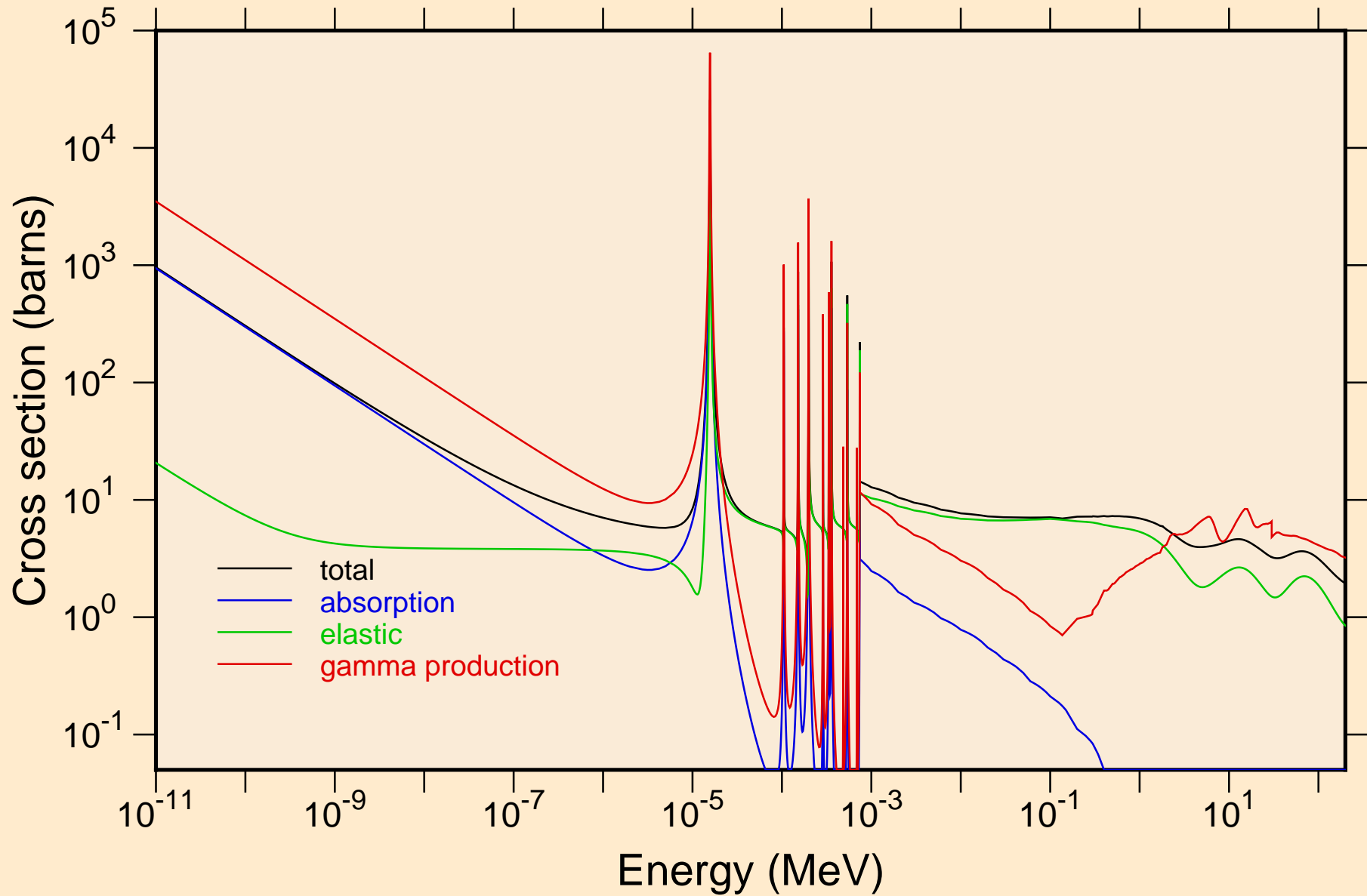
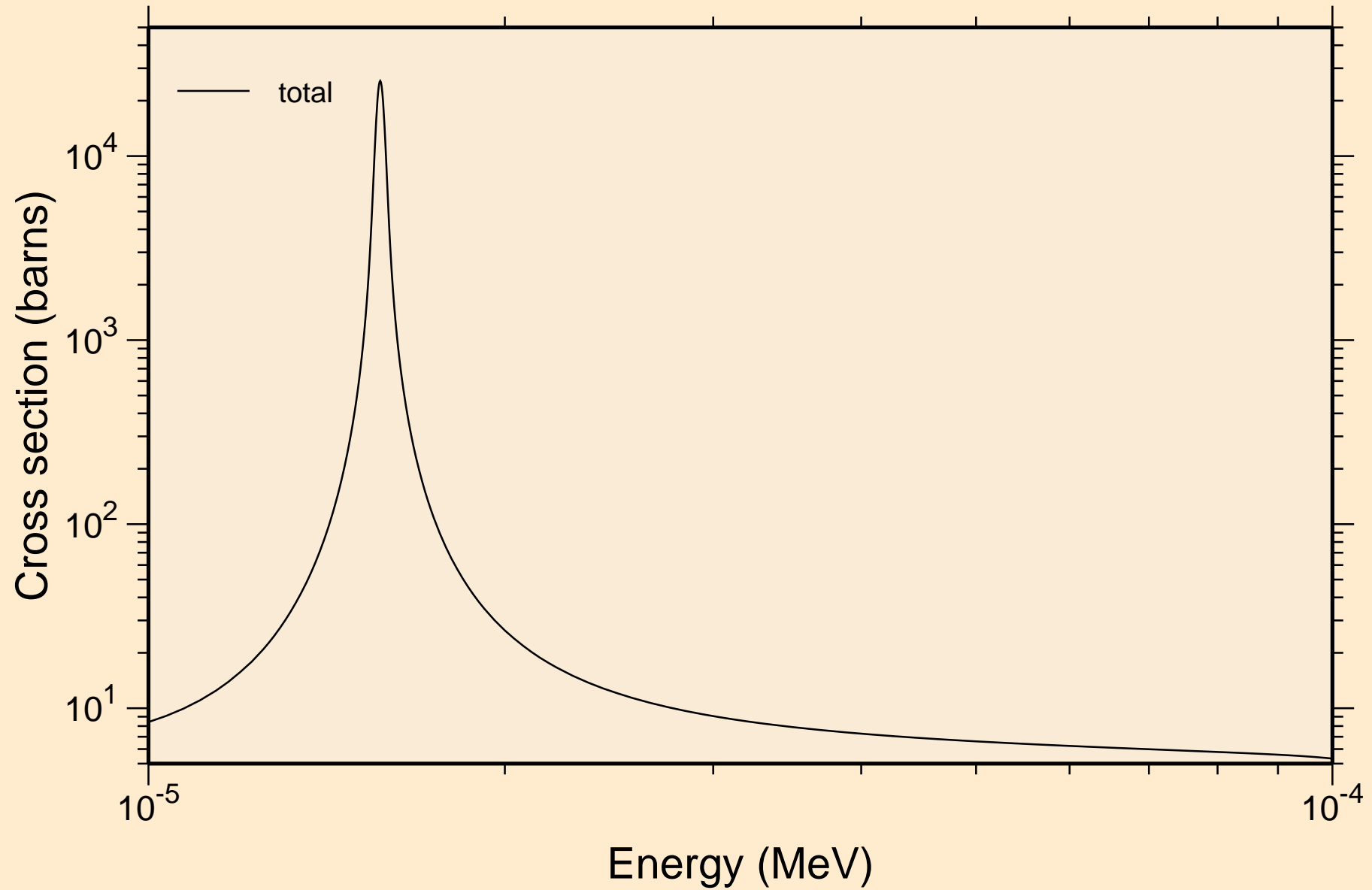


# CD117 NRG TENDL-2015, AKONING

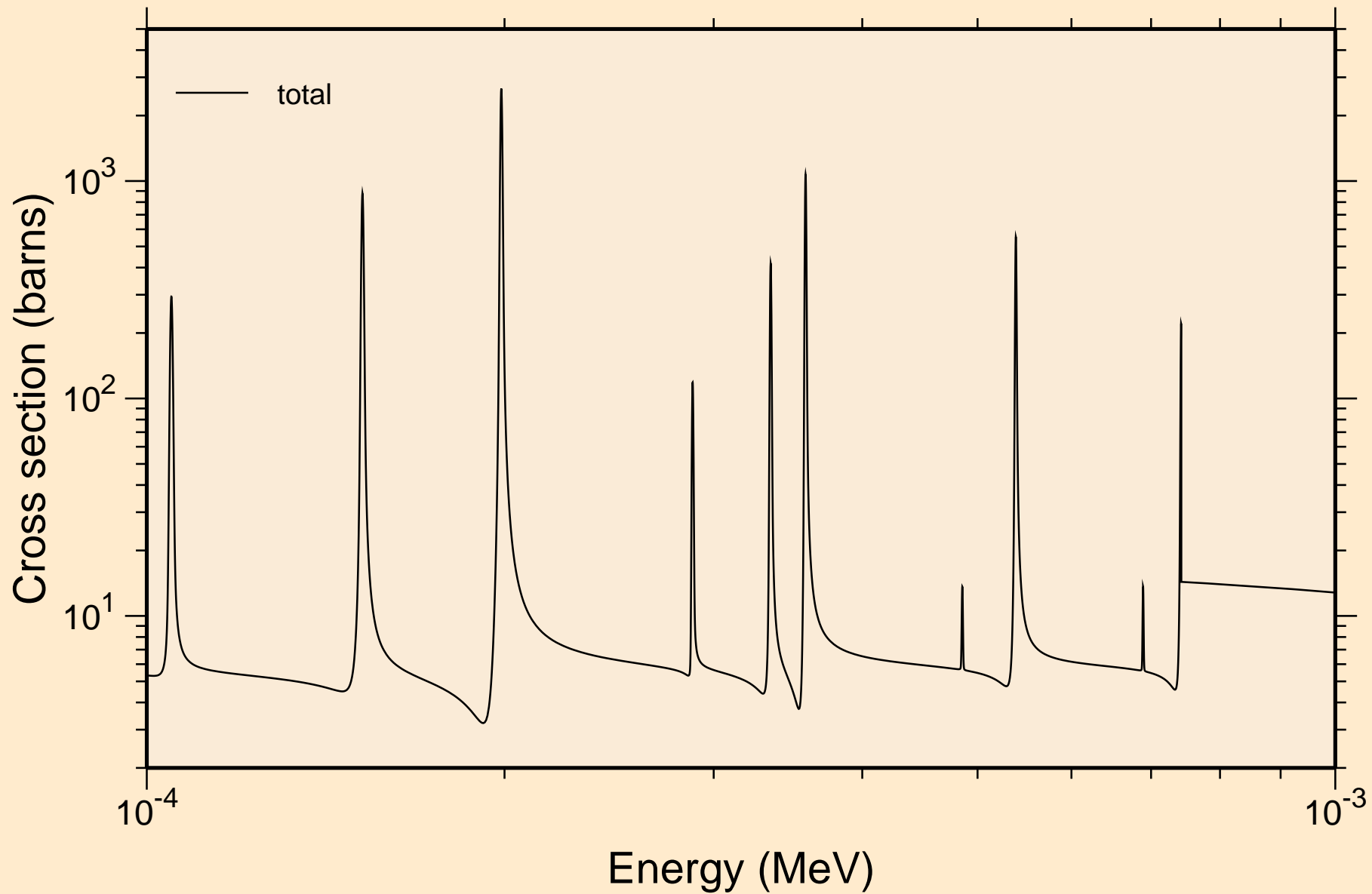
## Principal cross sections



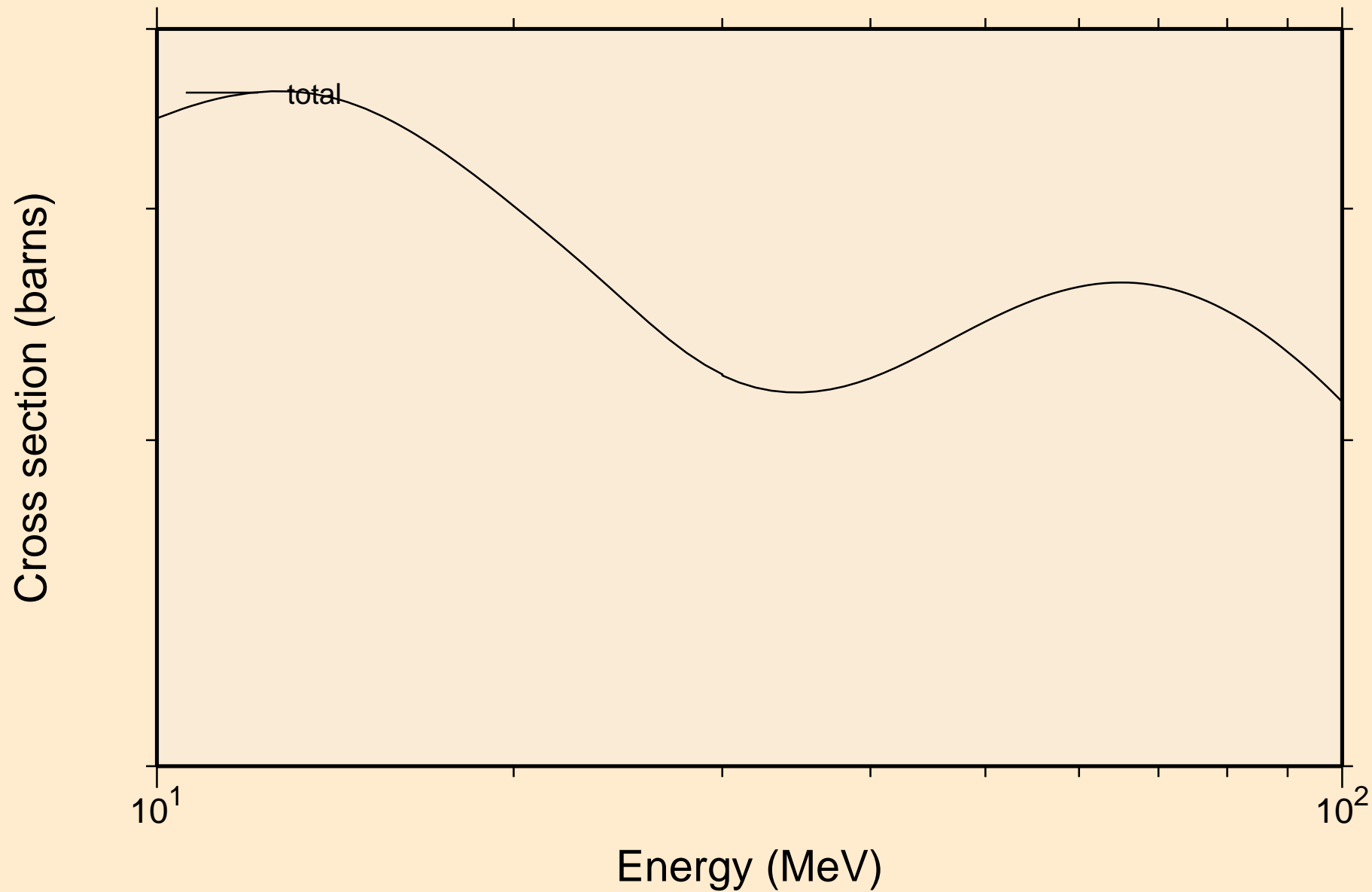
CD117 NRG TENDL-2015, AKONING  
resonance total cross section



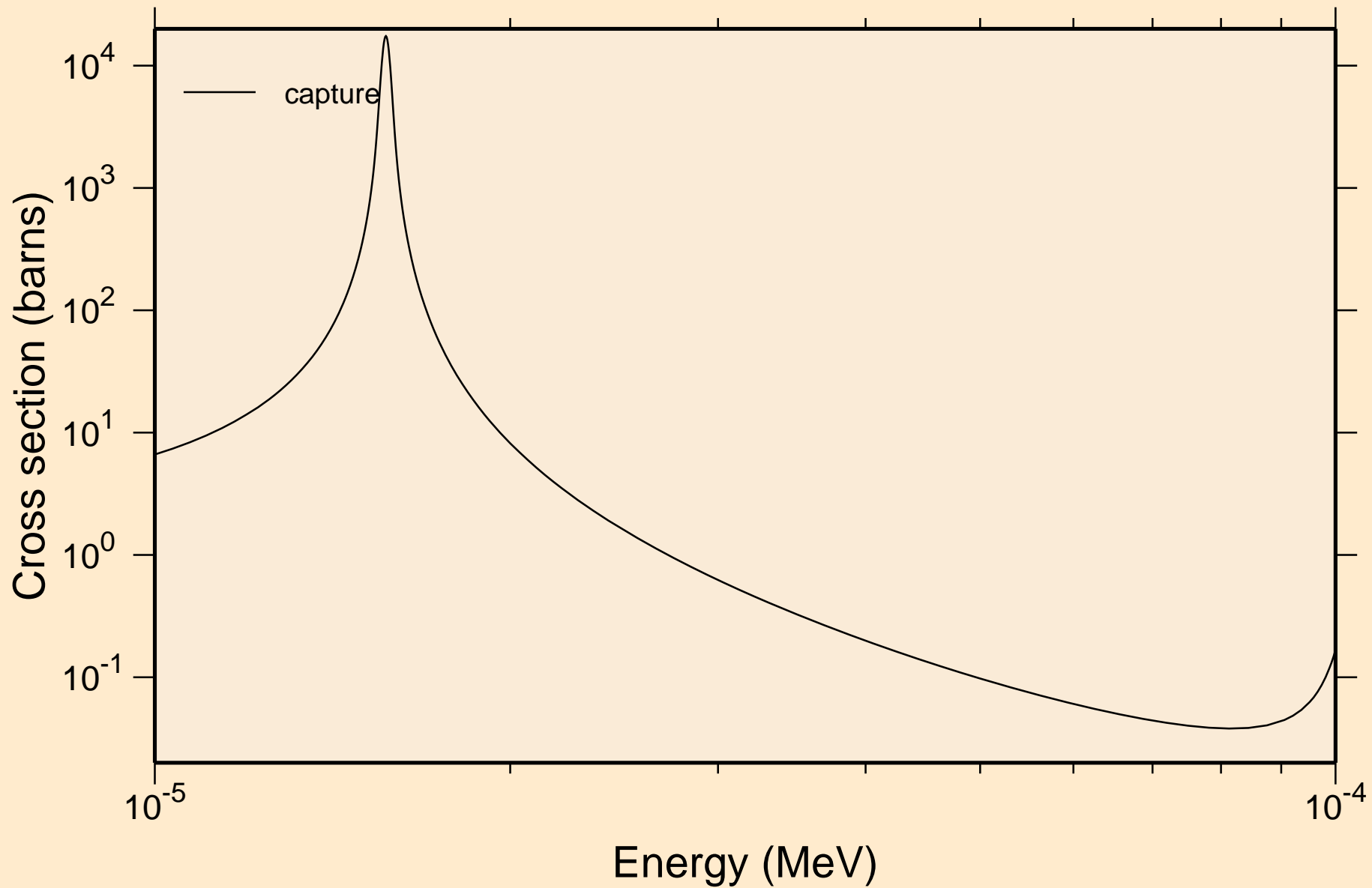
CD117 NRG TENDL-2015, AKONING  
resonance total cross section



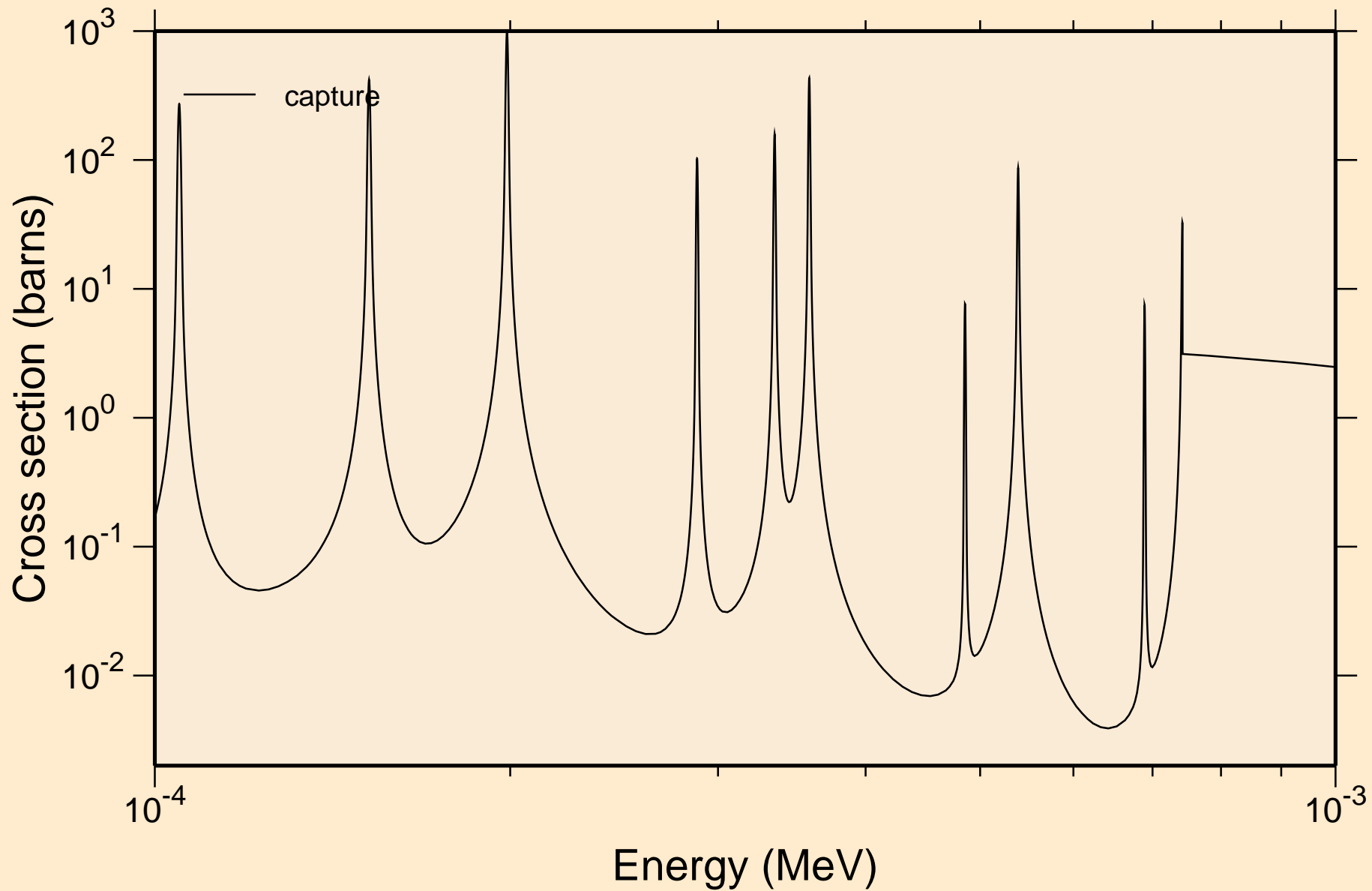
CD117 NRG TENDL-2015, AKONING  
resonance total cross section



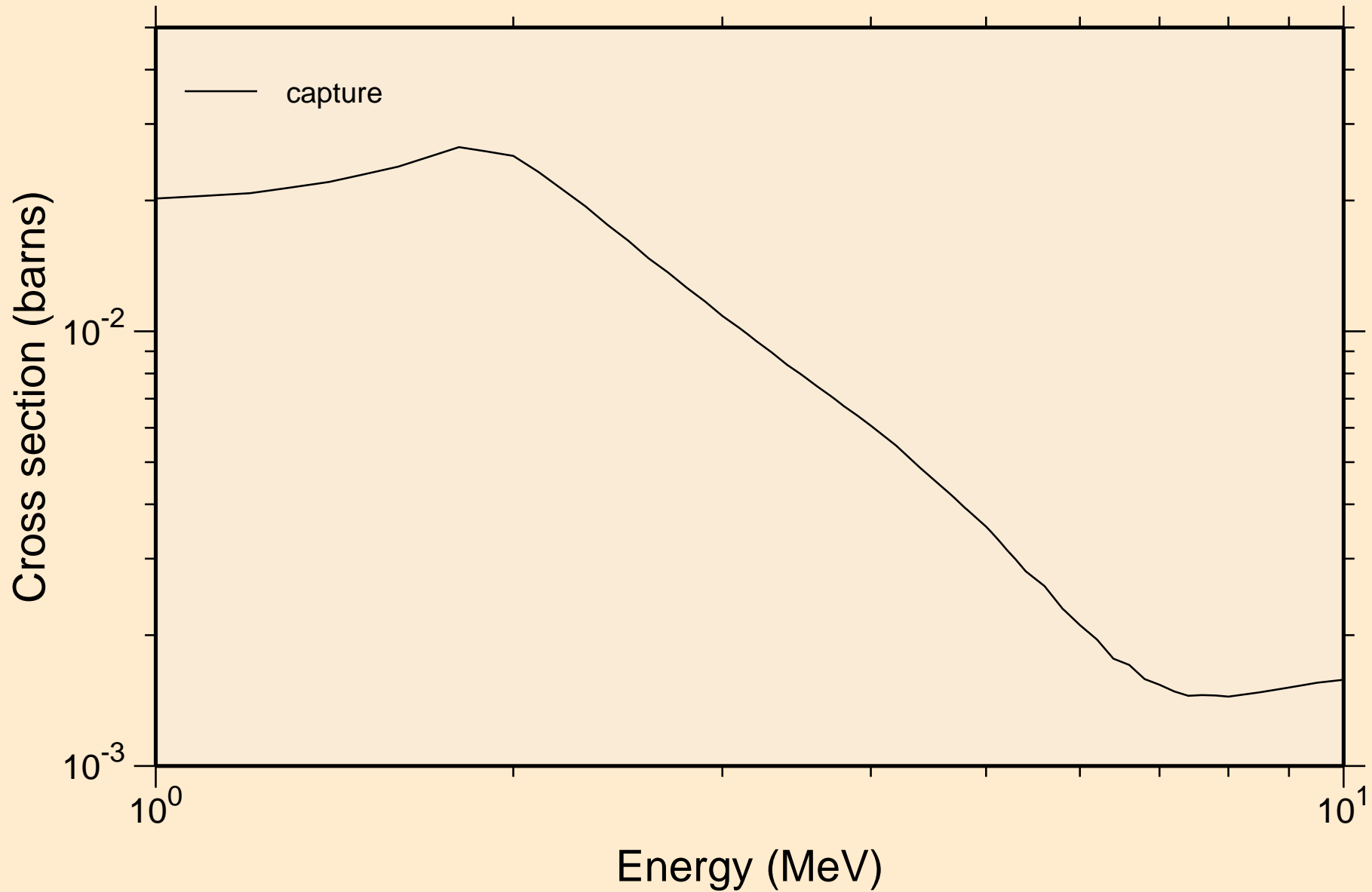
CD117 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# CD117 NRG TENDL-2015, AKONING resonance absorption cross sections

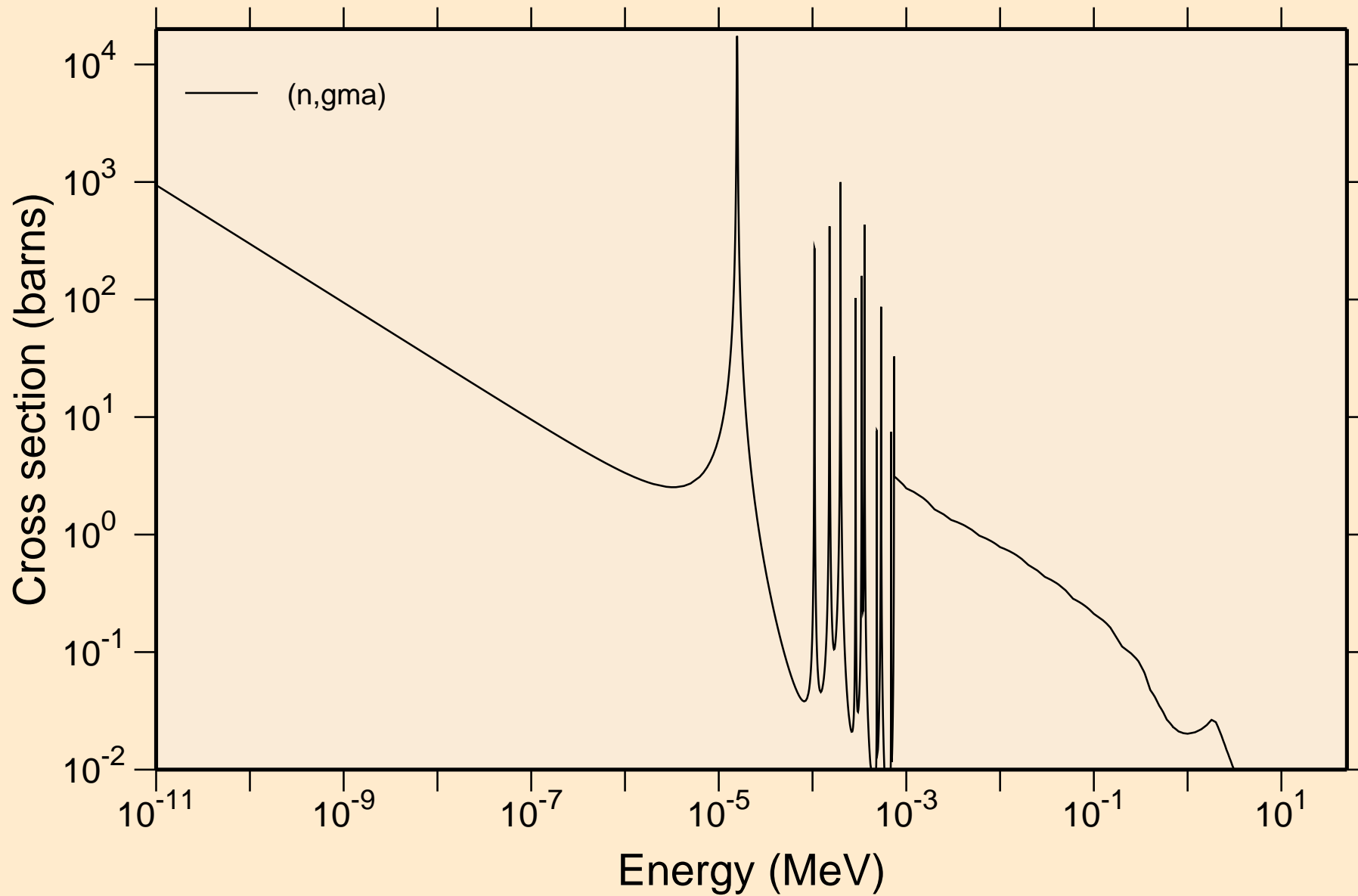


CD117 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# CD117 NRG TENDL-2015, AKONING

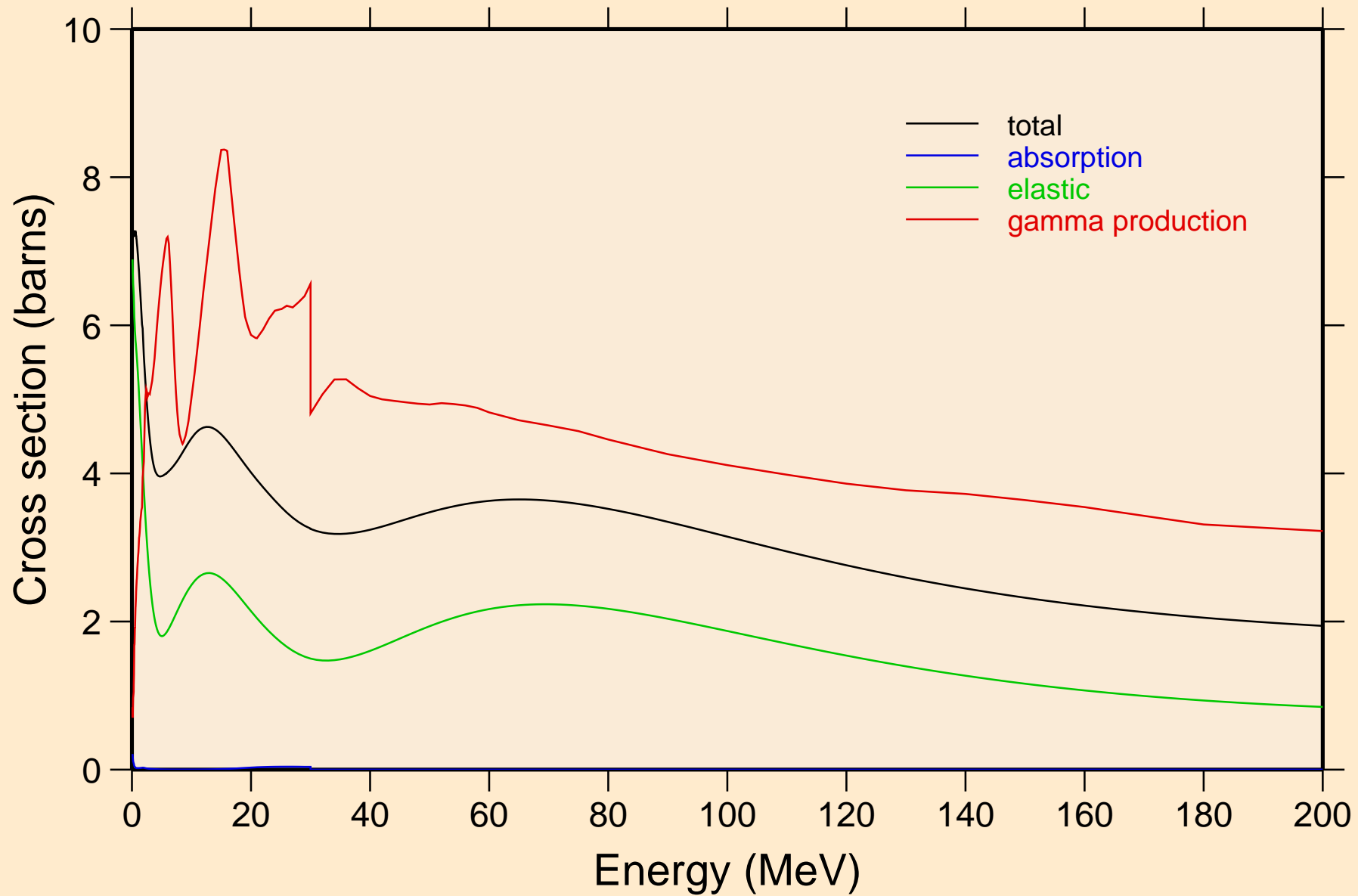
## Non-threshold reactions



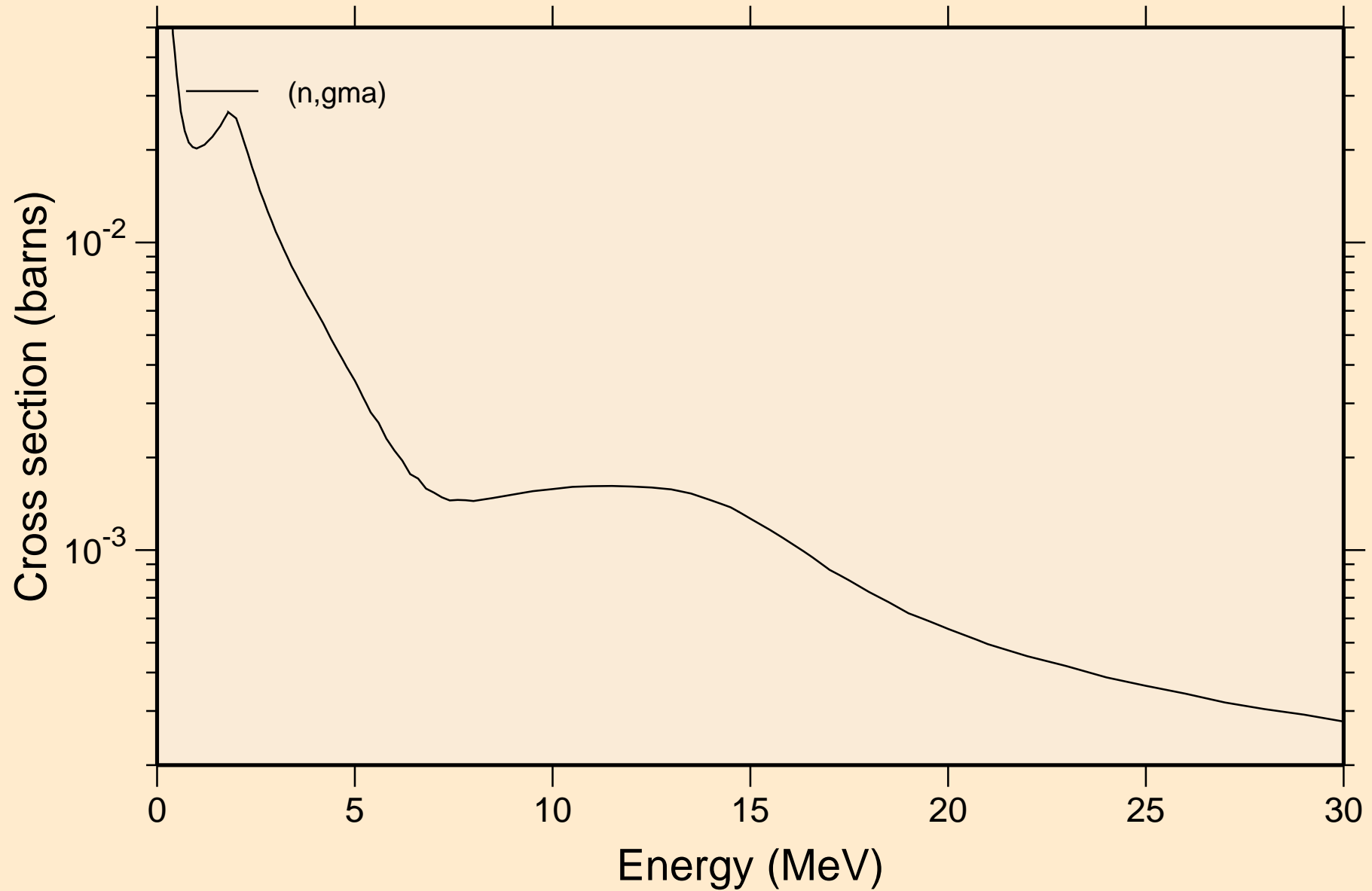


# CD117 NRG TENDL-2015, AKONING

## Principal cross sections

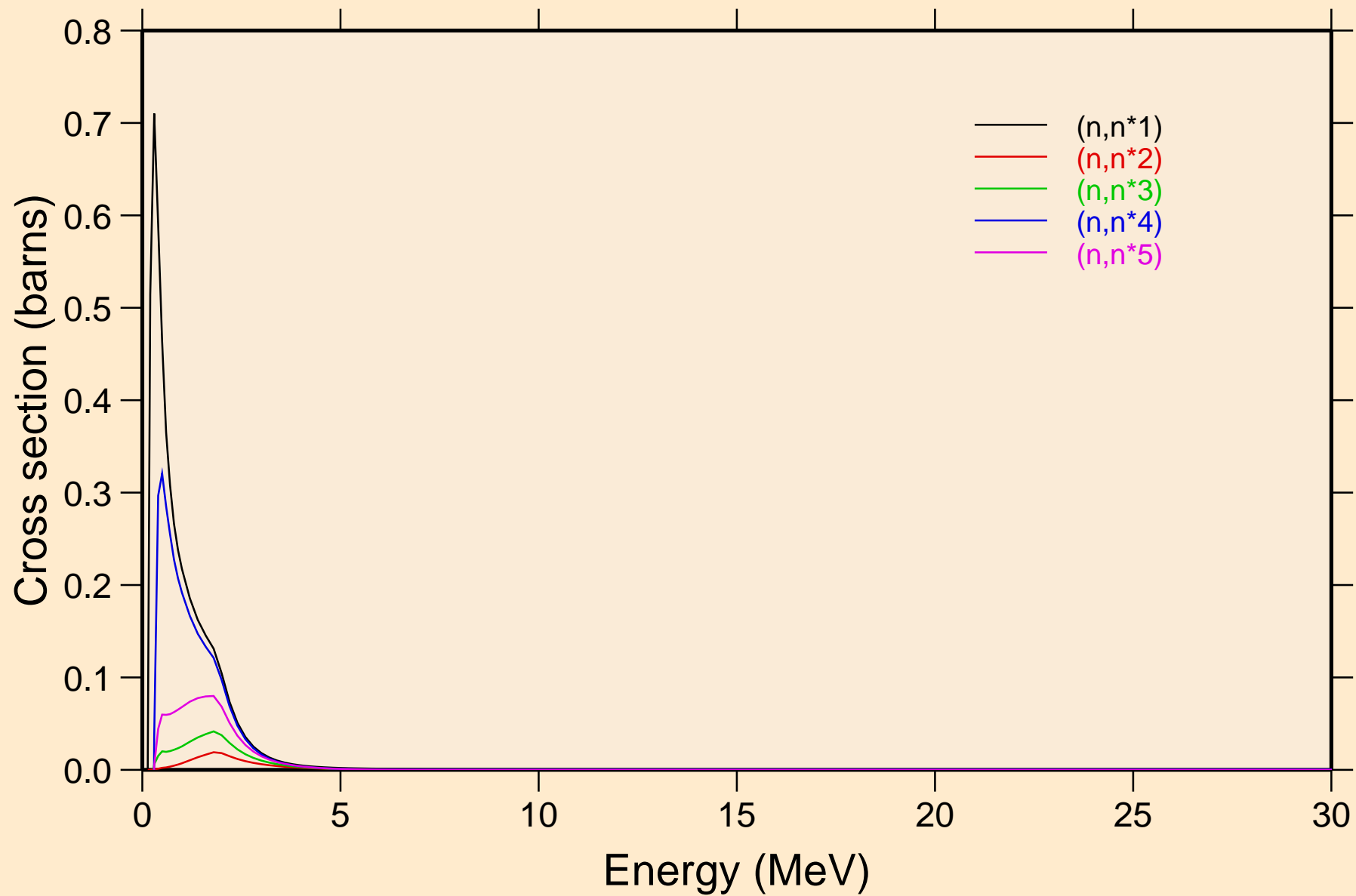


CD117 NRG TENDL-2015, AKONING  
Non-threshold reactions



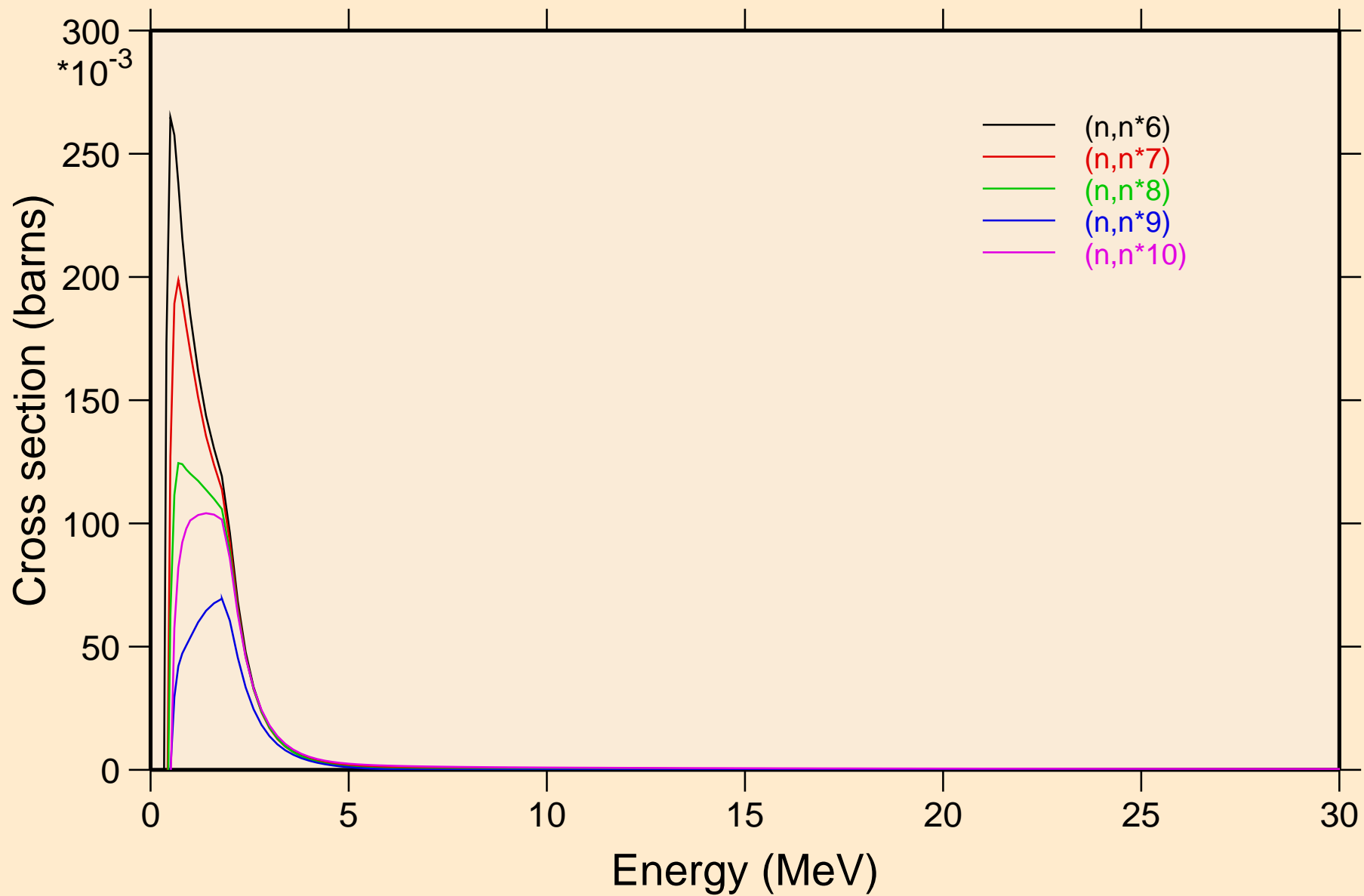
# CD117 NRG TENDL-2015, AKONING

## Inelastic levels



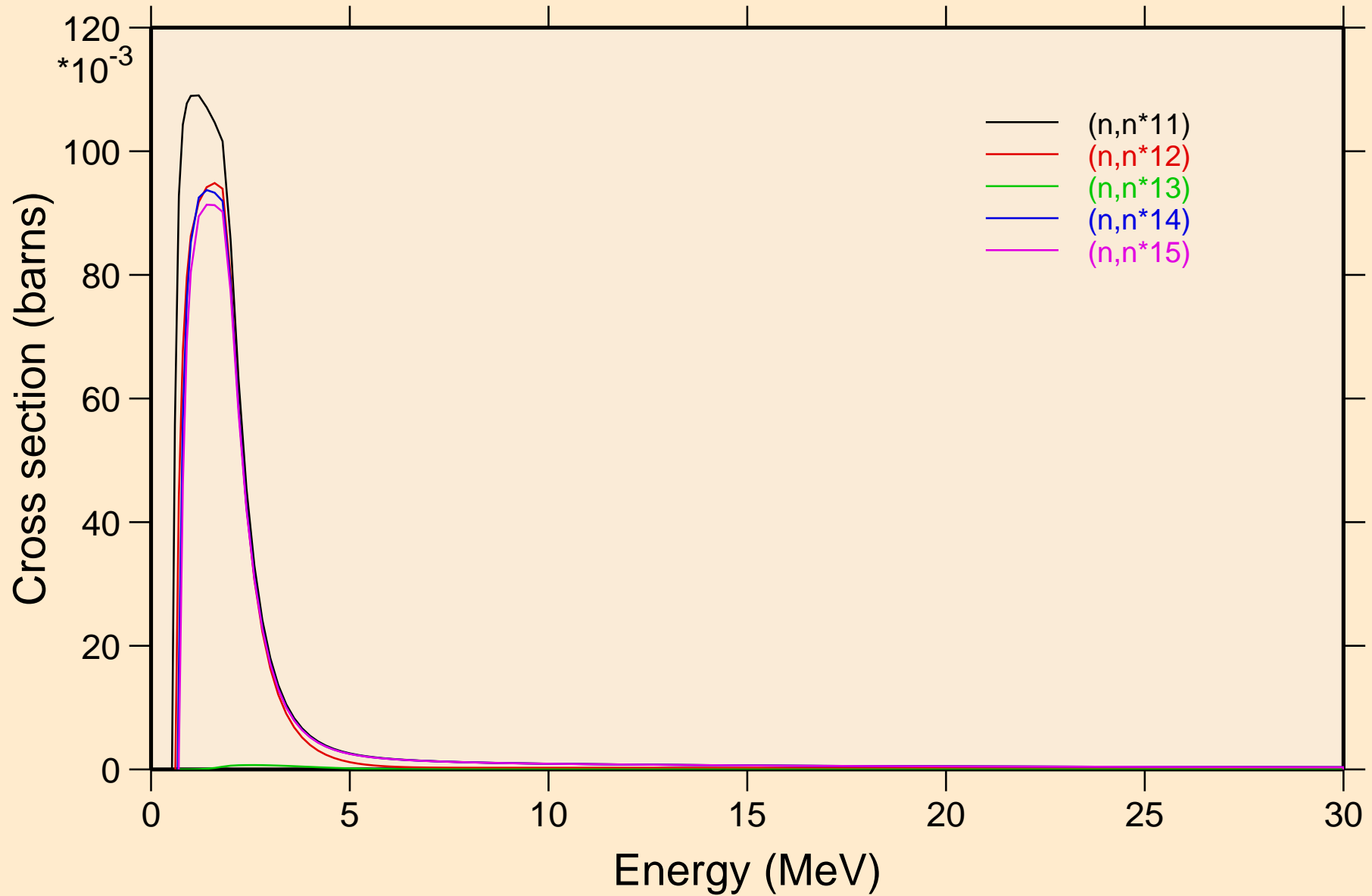
# CD117 NRG TENDL-2015, AKONING

## Inelastic levels



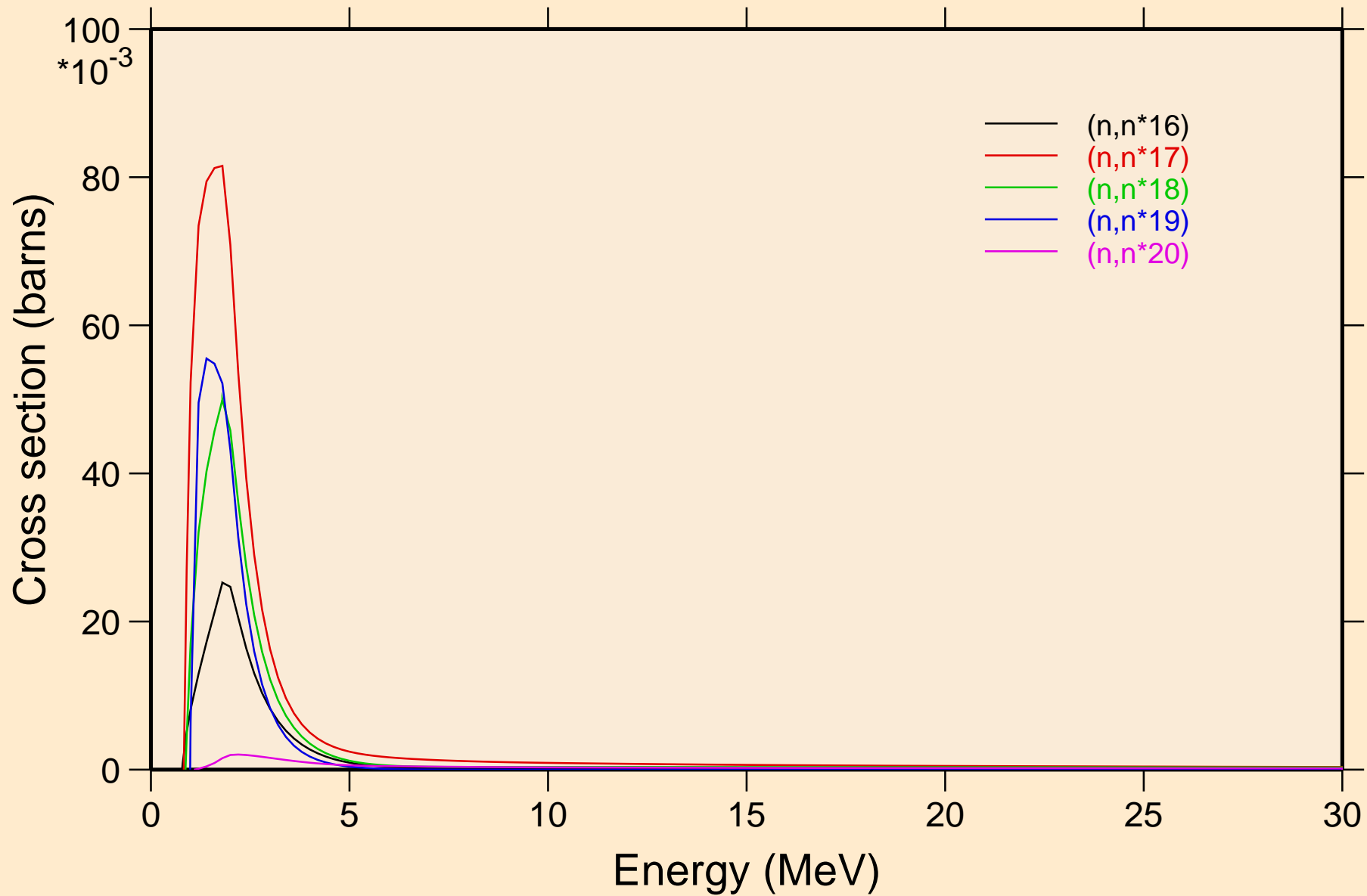
# CD117 NRG TENDL-2015, AKONING

## Inelastic levels



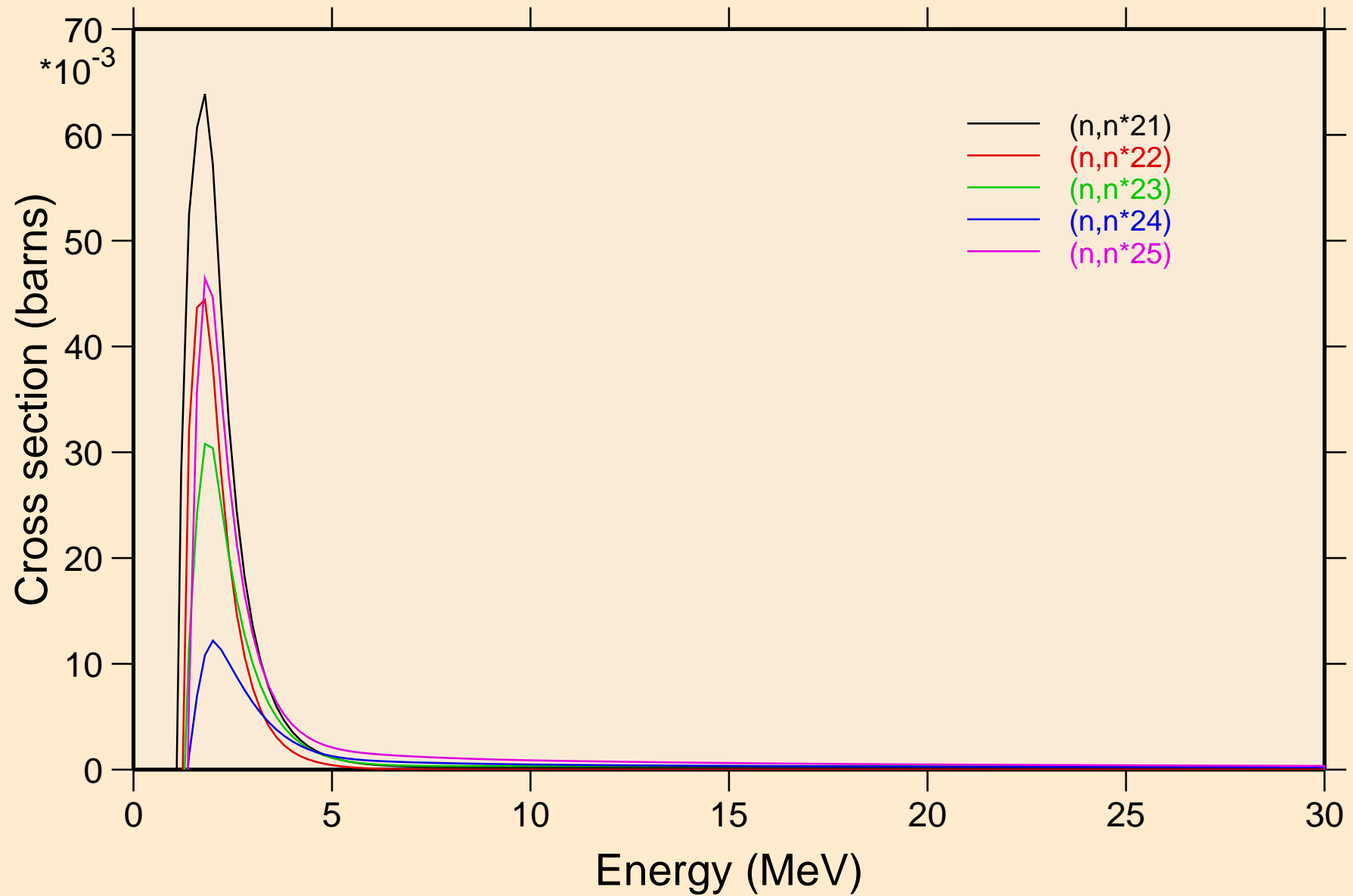
# CD117 NRG TENDL-2015, AKONING

## Inelastic levels



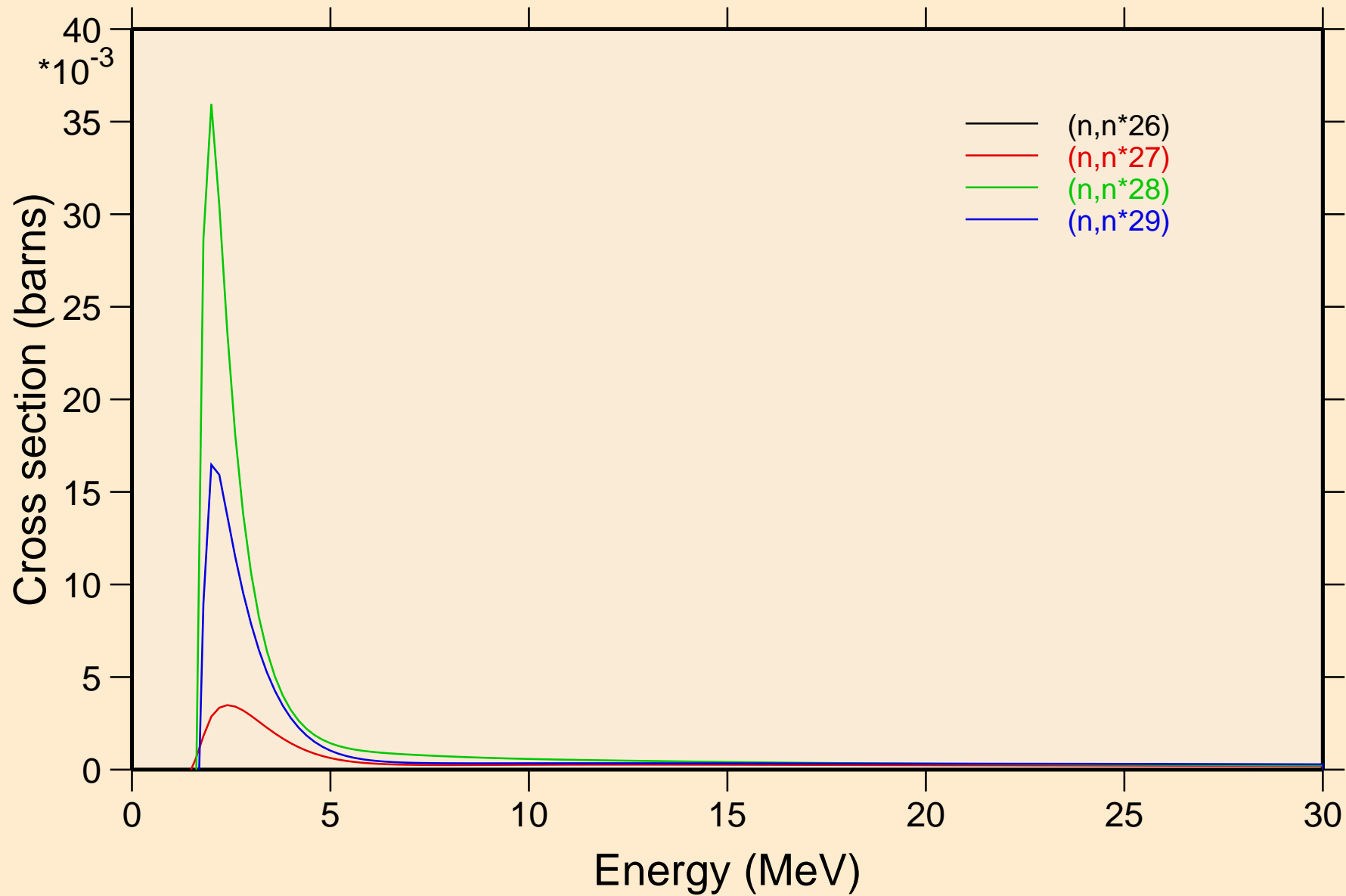
# CD117 NRG TENDL-2015, AKONING

## Inelastic levels



# CD117 NRG TENDL-2015, AKONING

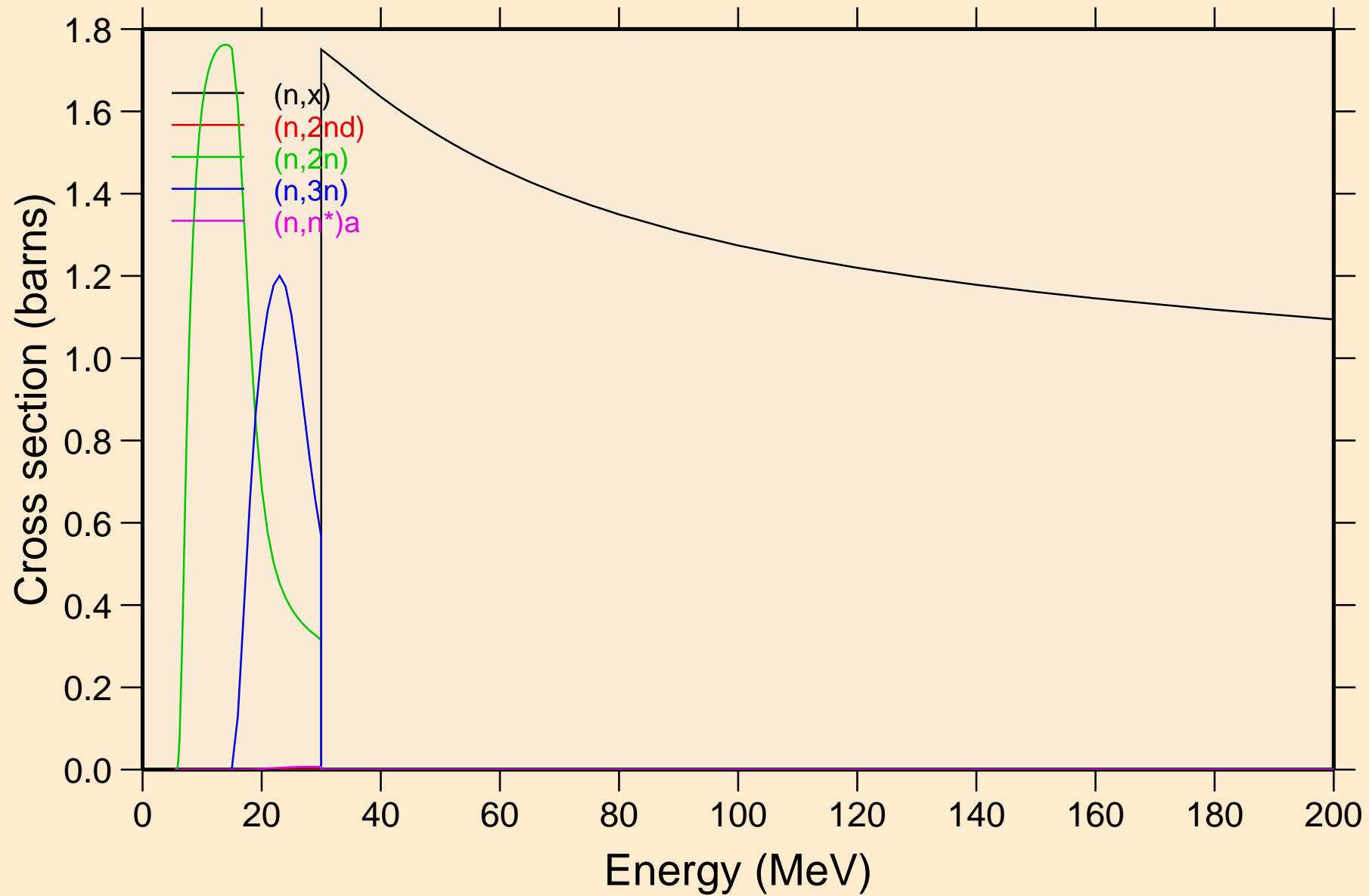
## Inelastic levels





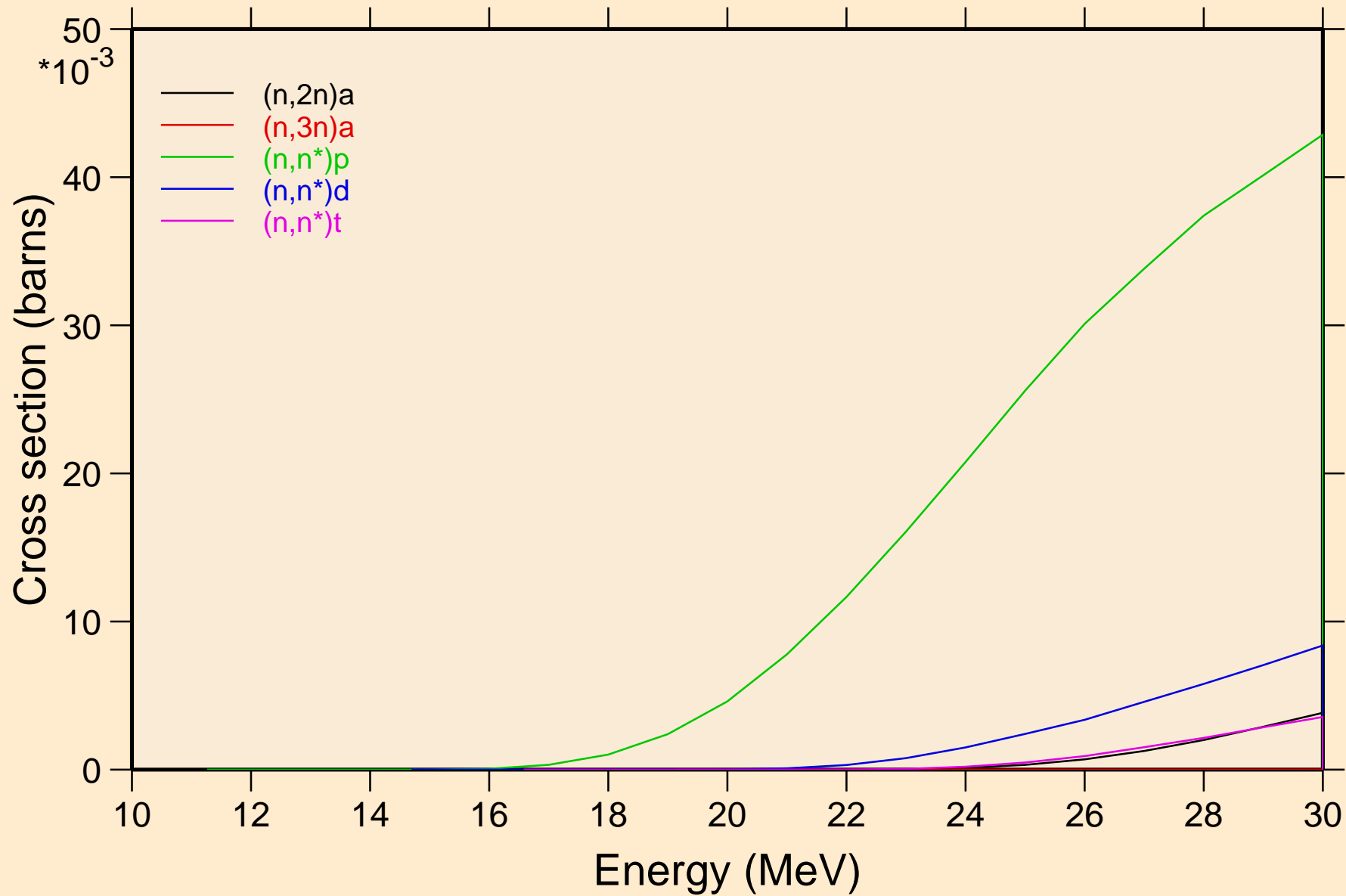
# CD117 NRG TENDL-2015, AKONING

## Threshold reactions



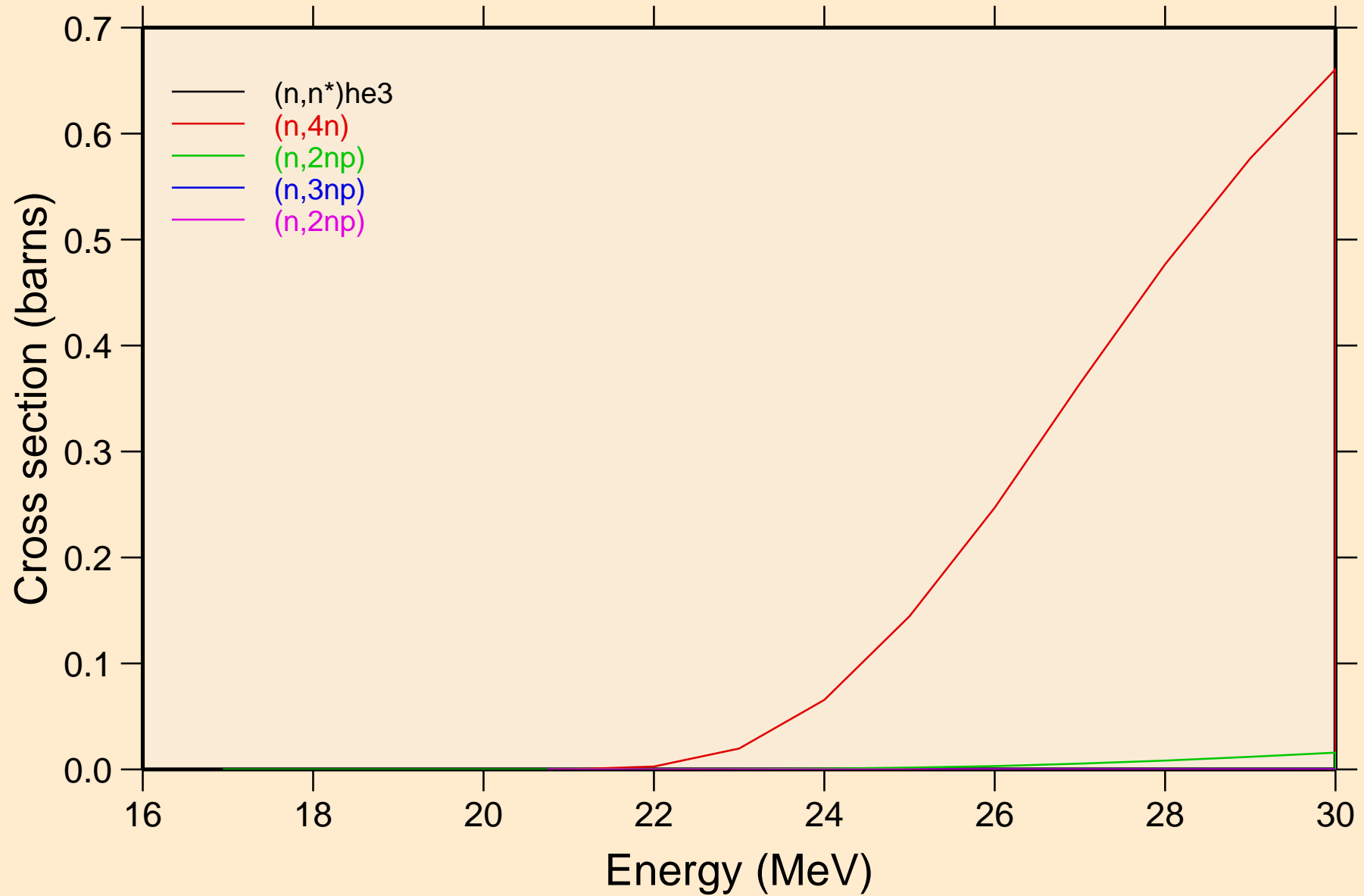
# CD117 NRG TENDL-2015, AKONING

## Threshold reactions



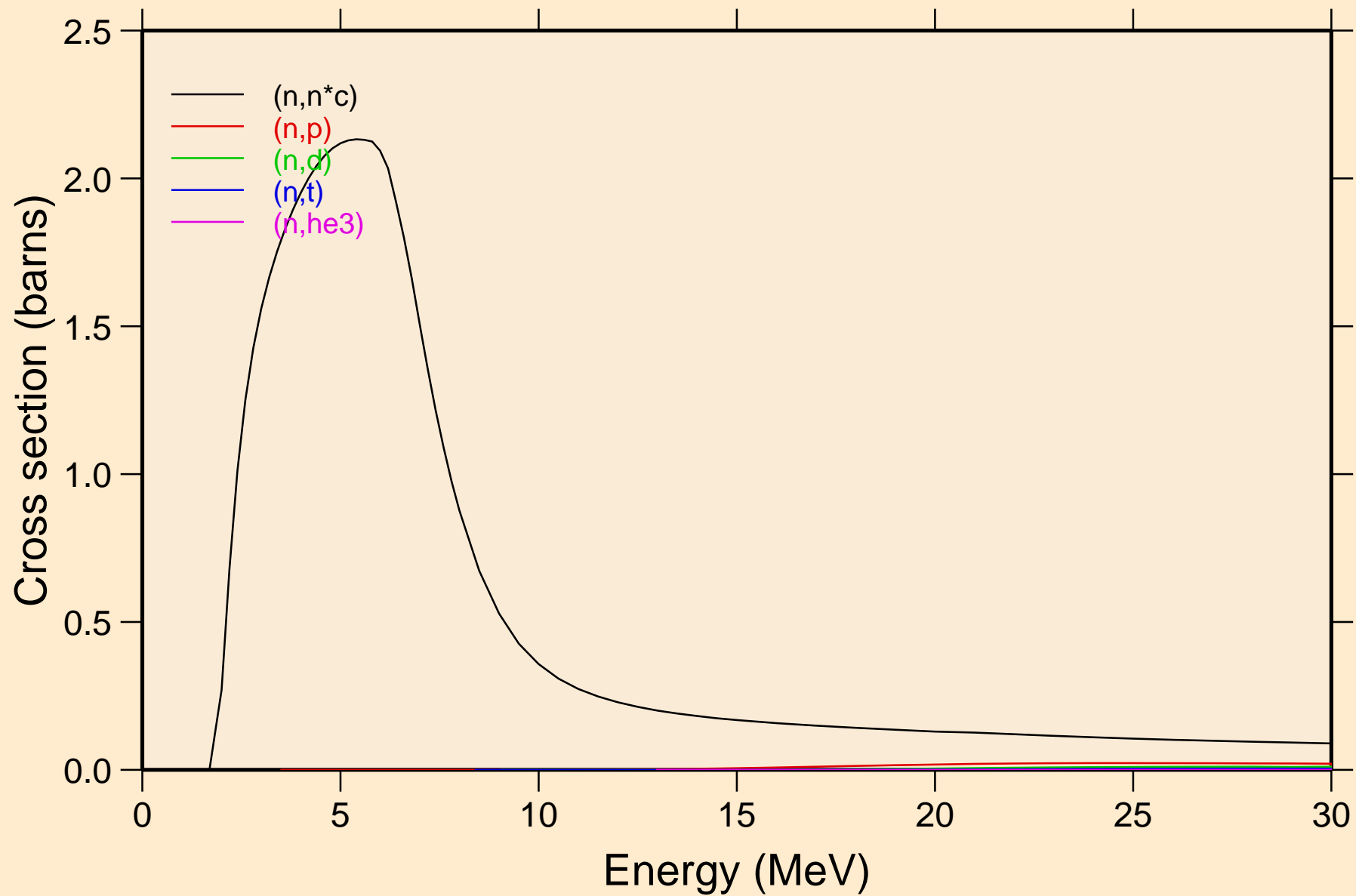
# CD117 NRG TENDL-2015, AKONING

## Threshold reactions



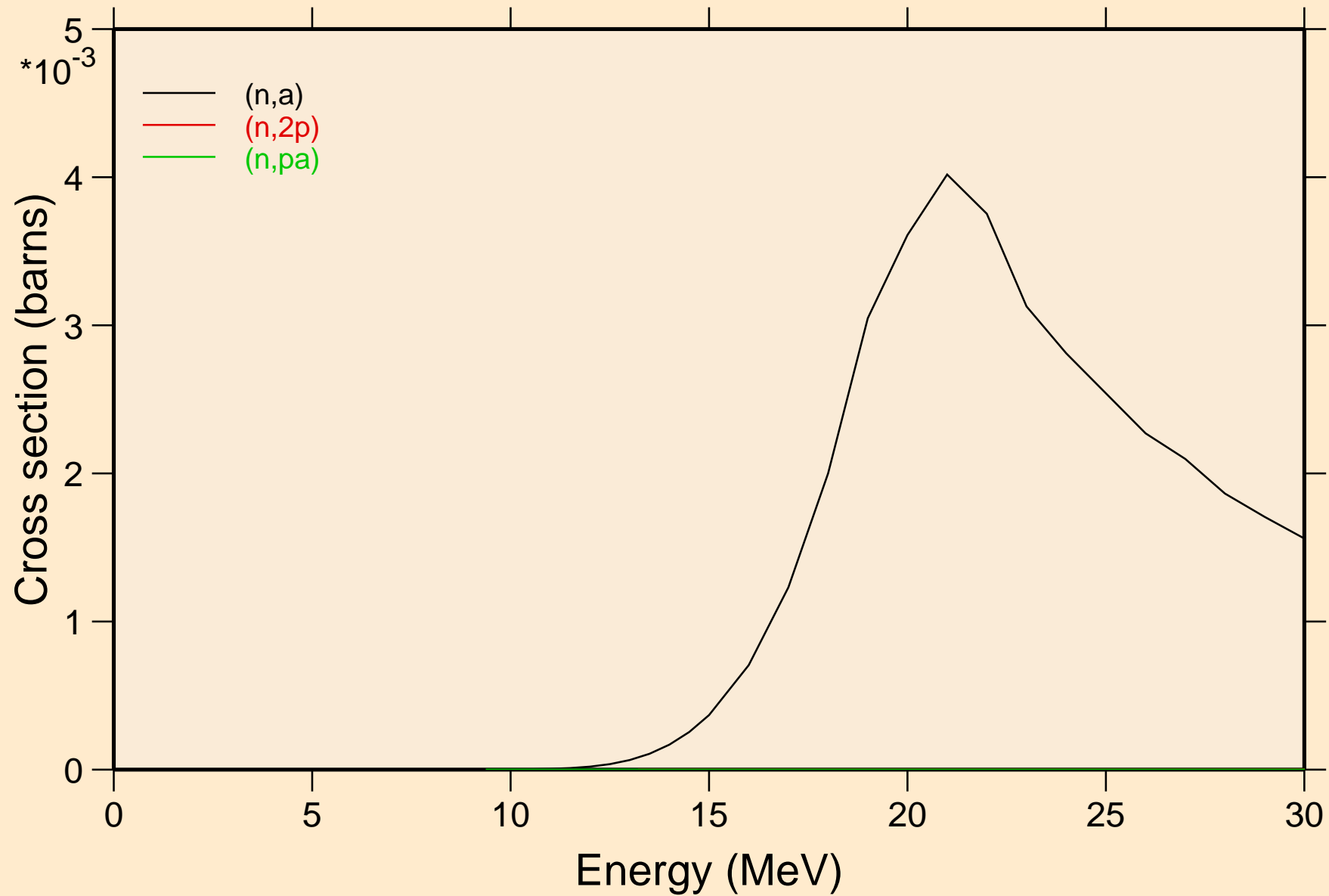
# CD117 NRG TENDL-2015, AKONING

## Threshold reactions

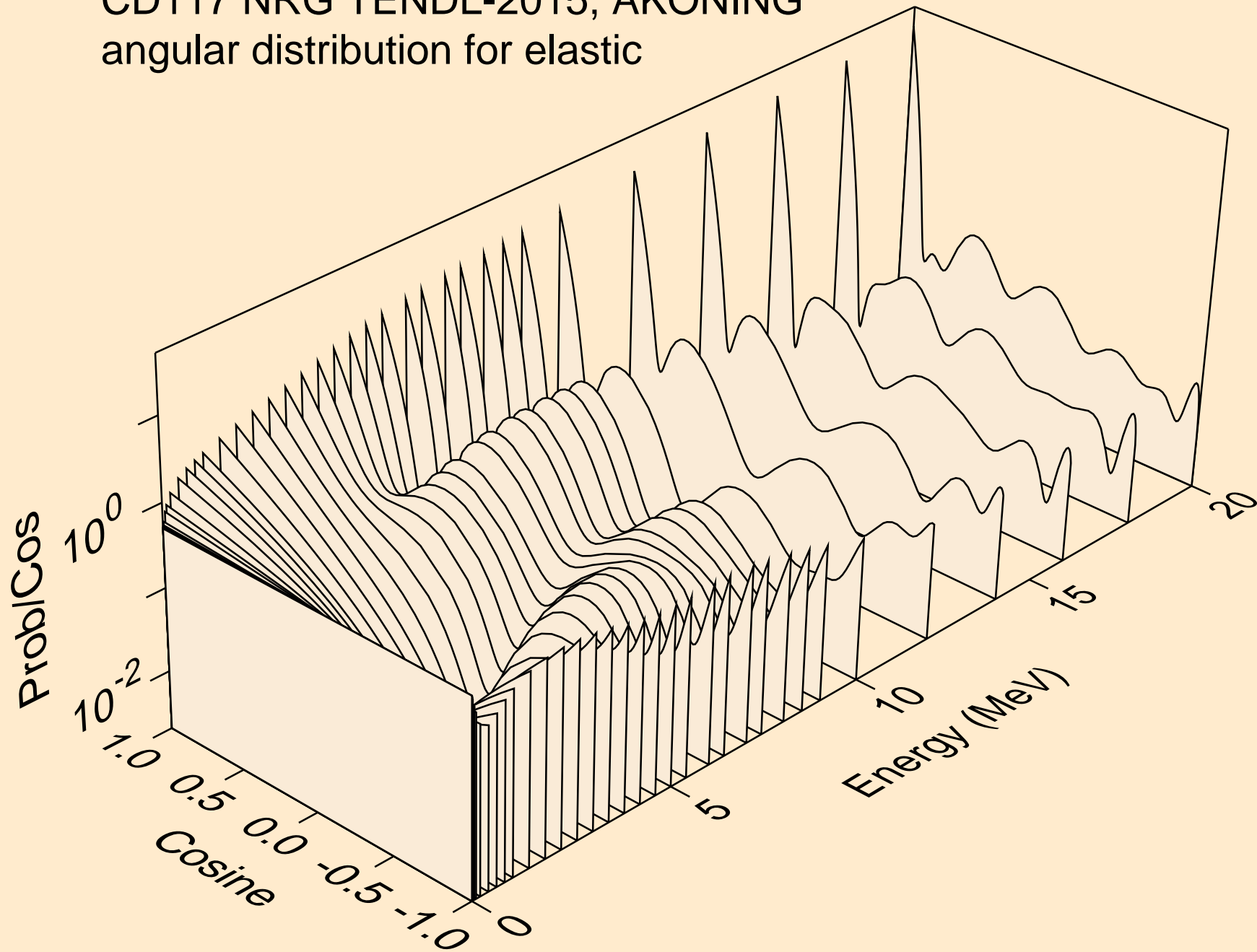


# CD117 NRG TENDL-2015, AKONING

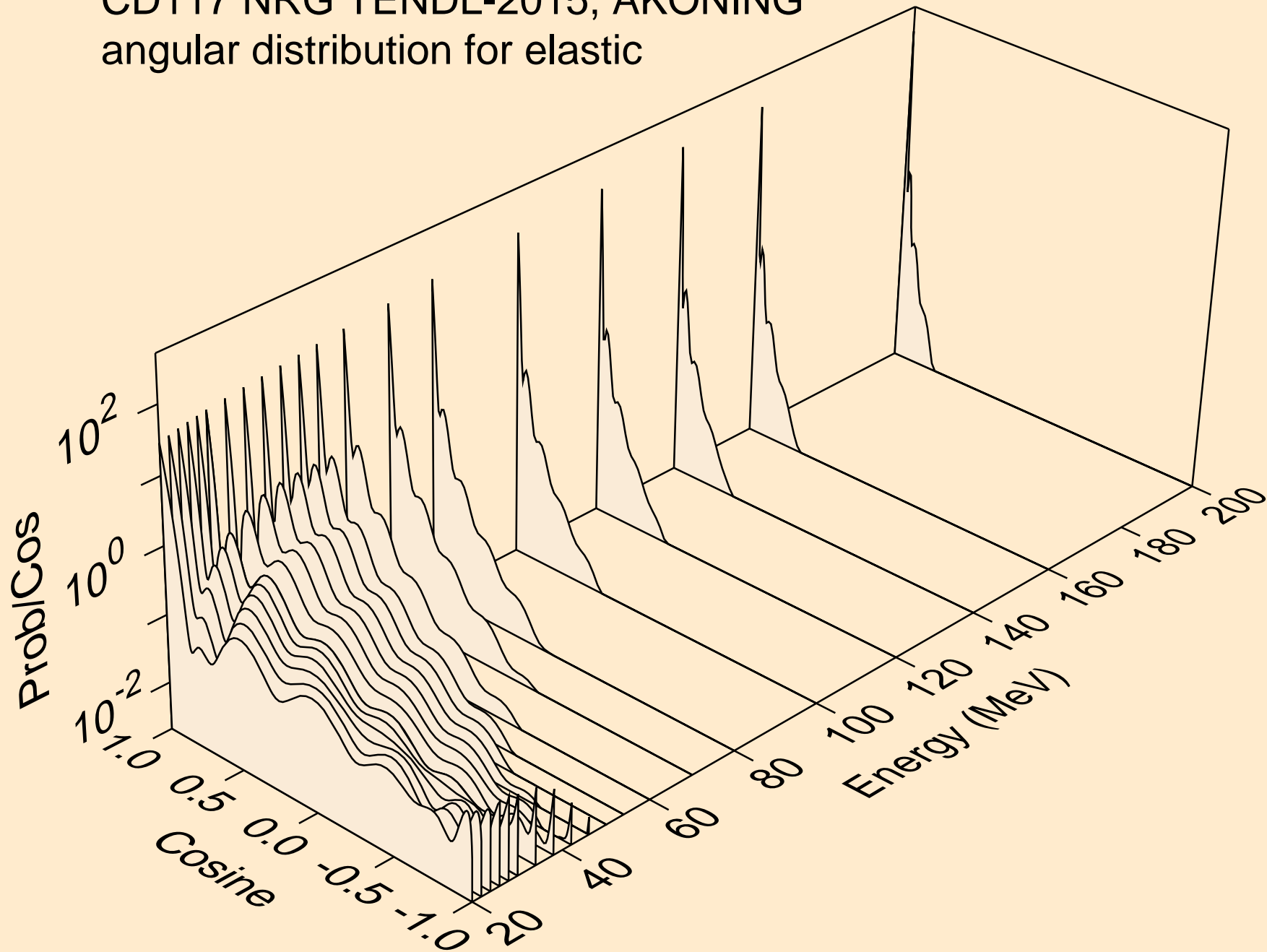
## Threshold reactions



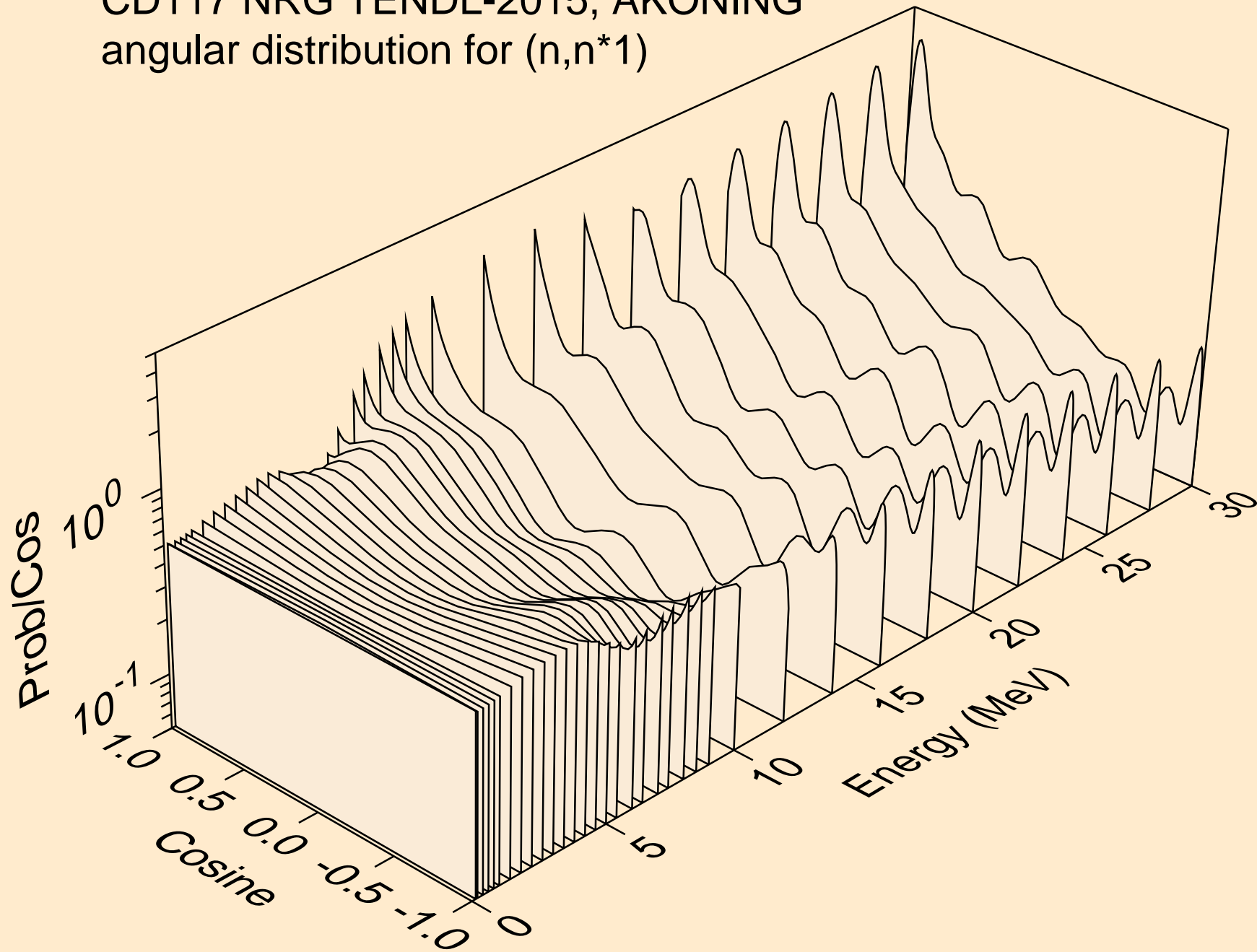
CD117 NRG TENDL-2015, AKONING  
angular distribution for elastic



CD117 NRG TENDL-2015, AKONING  
angular distribution for elastic

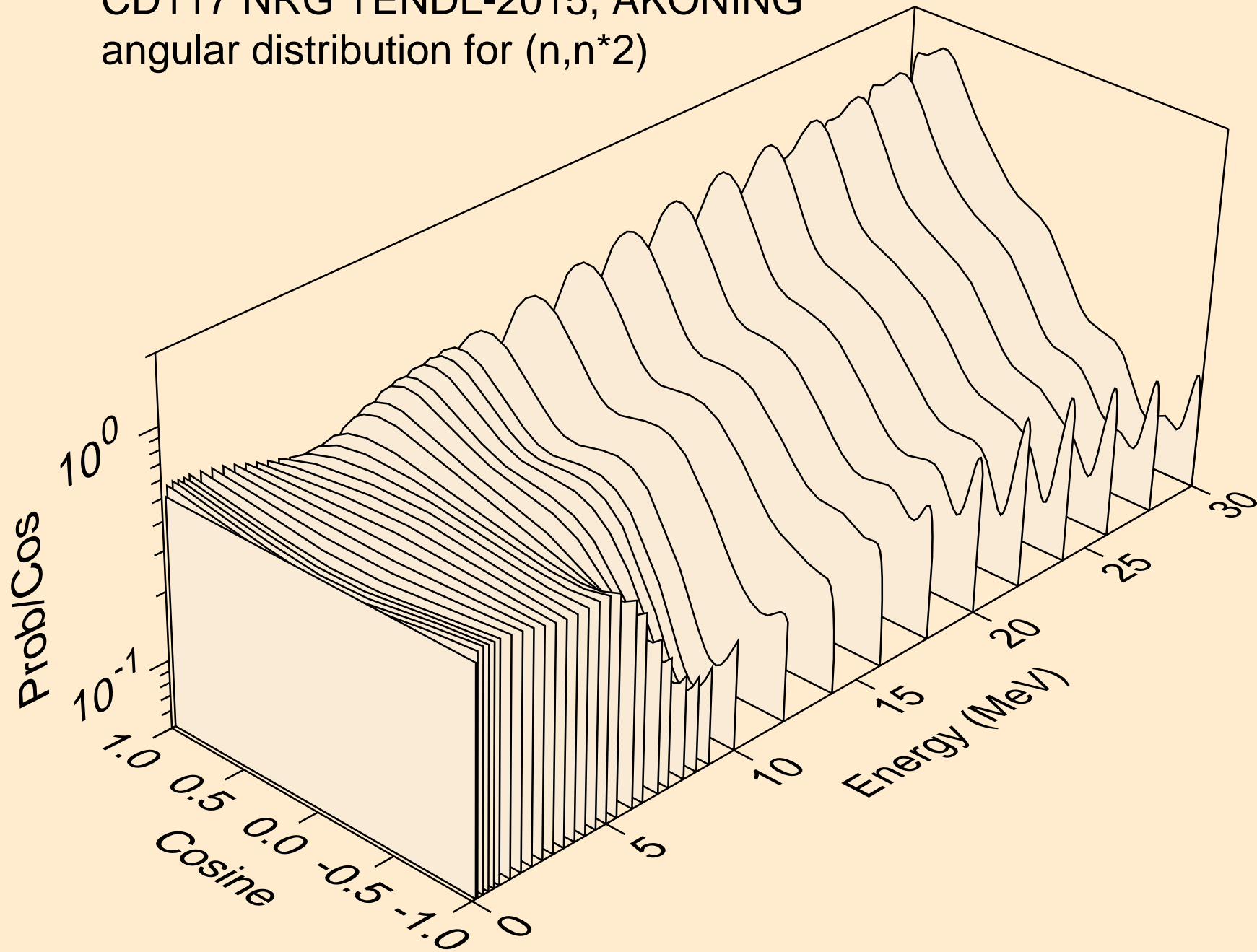


CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

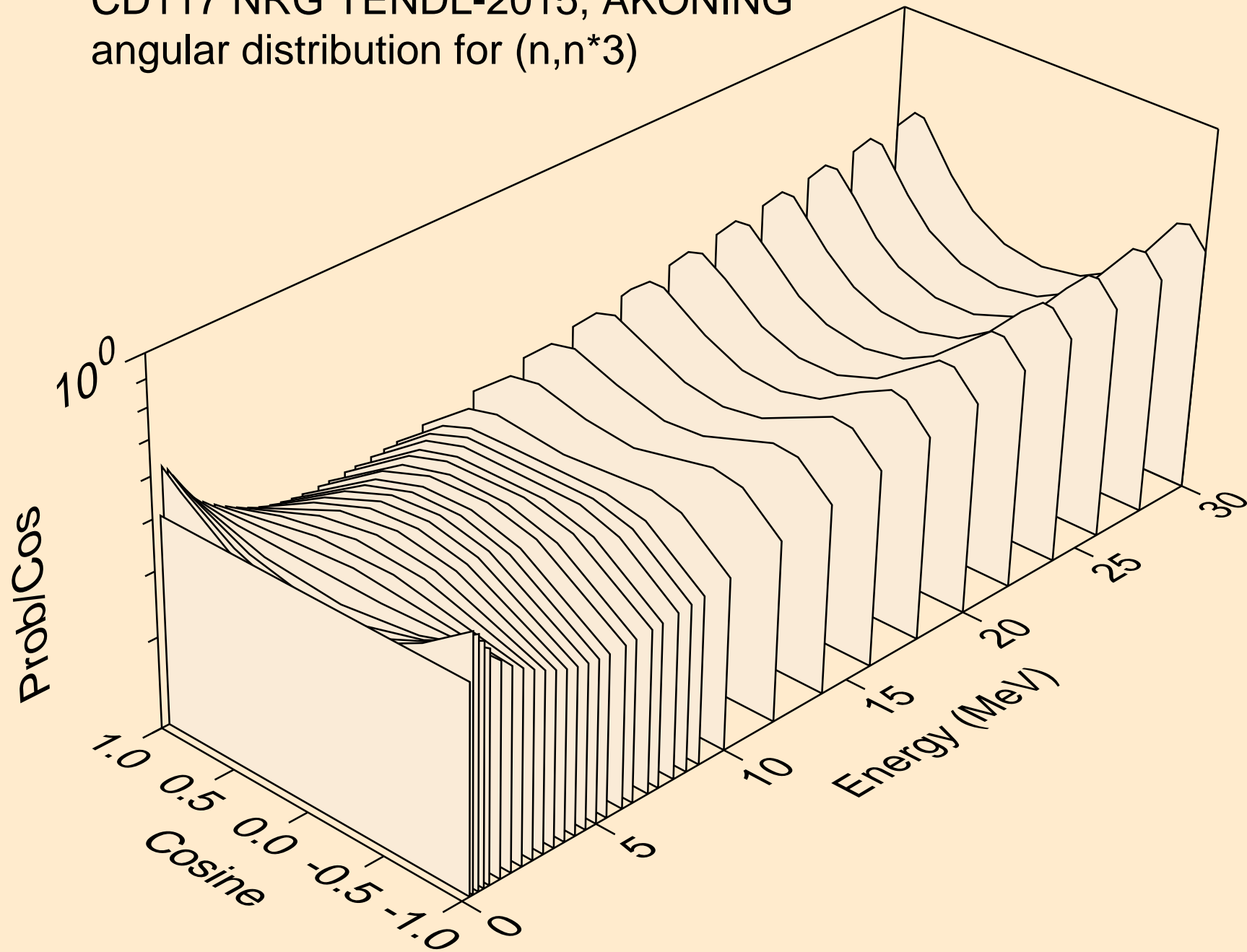




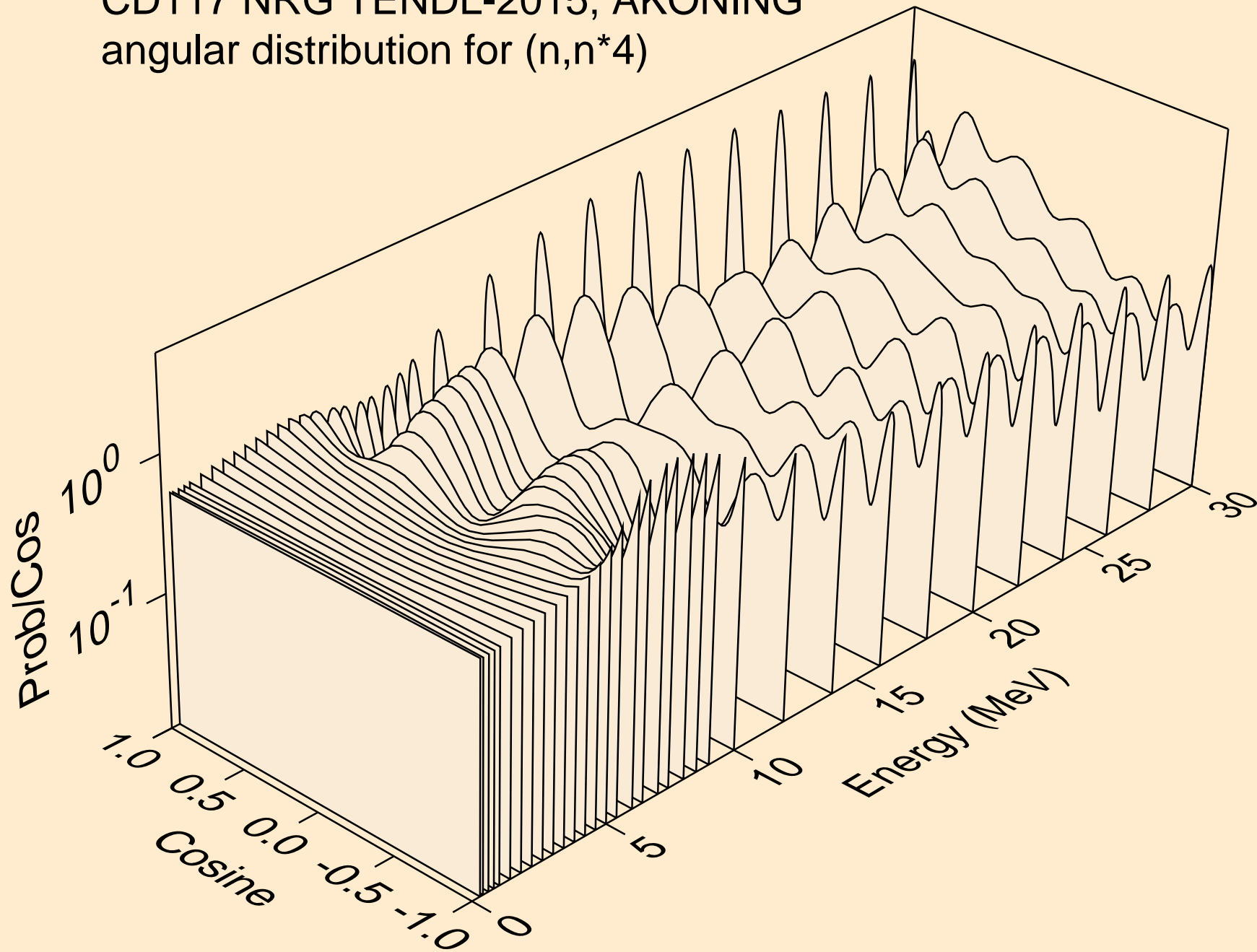
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



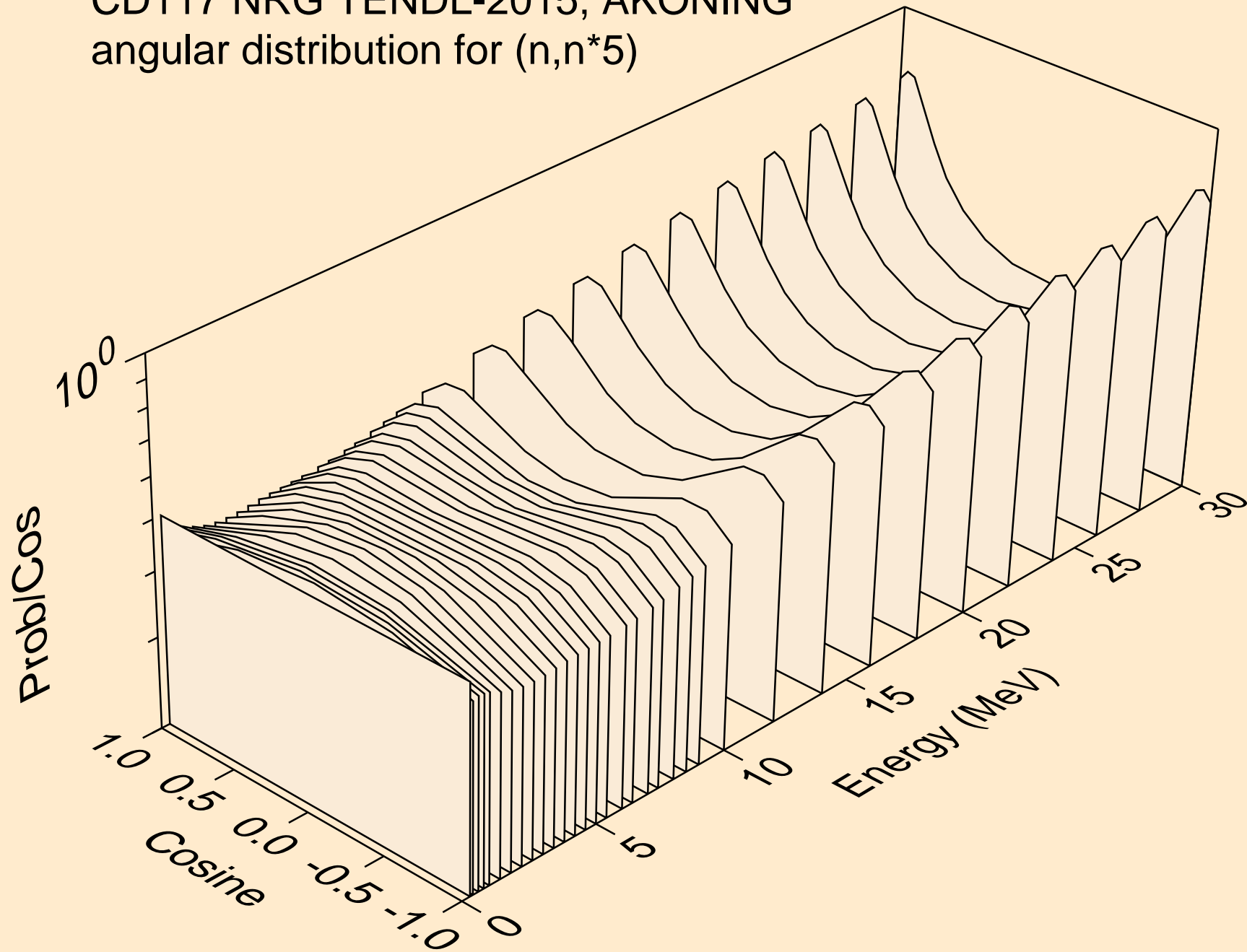
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



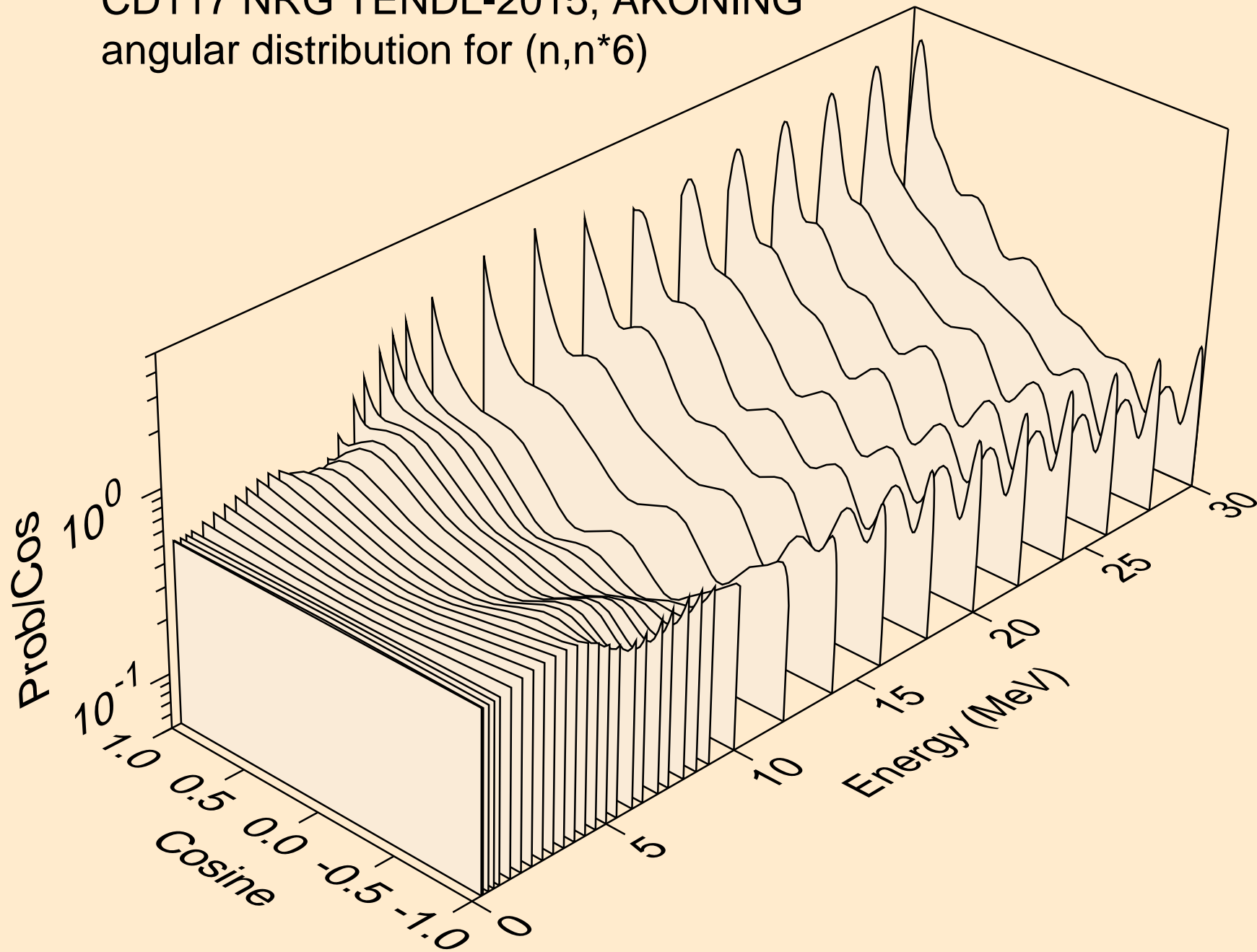
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



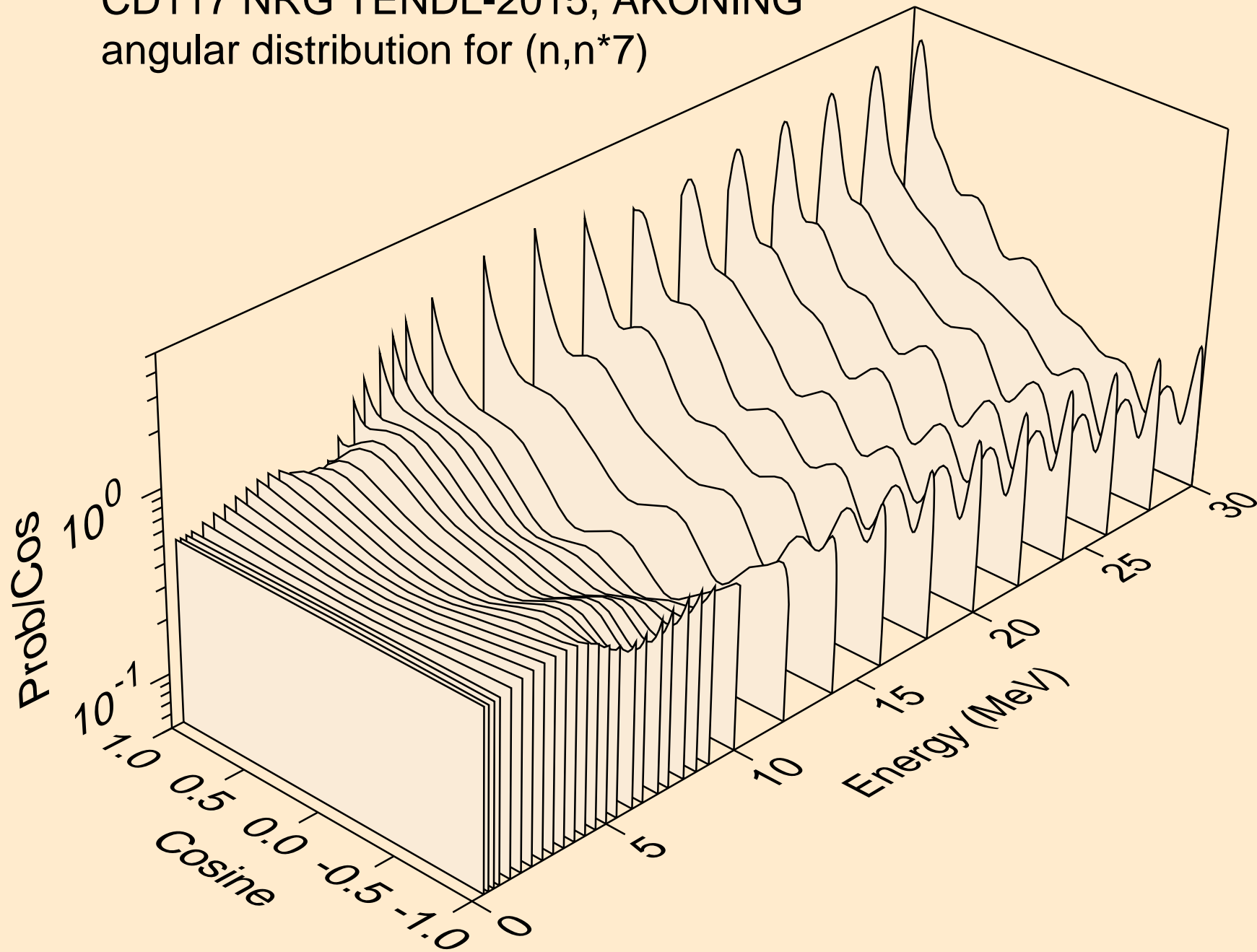
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



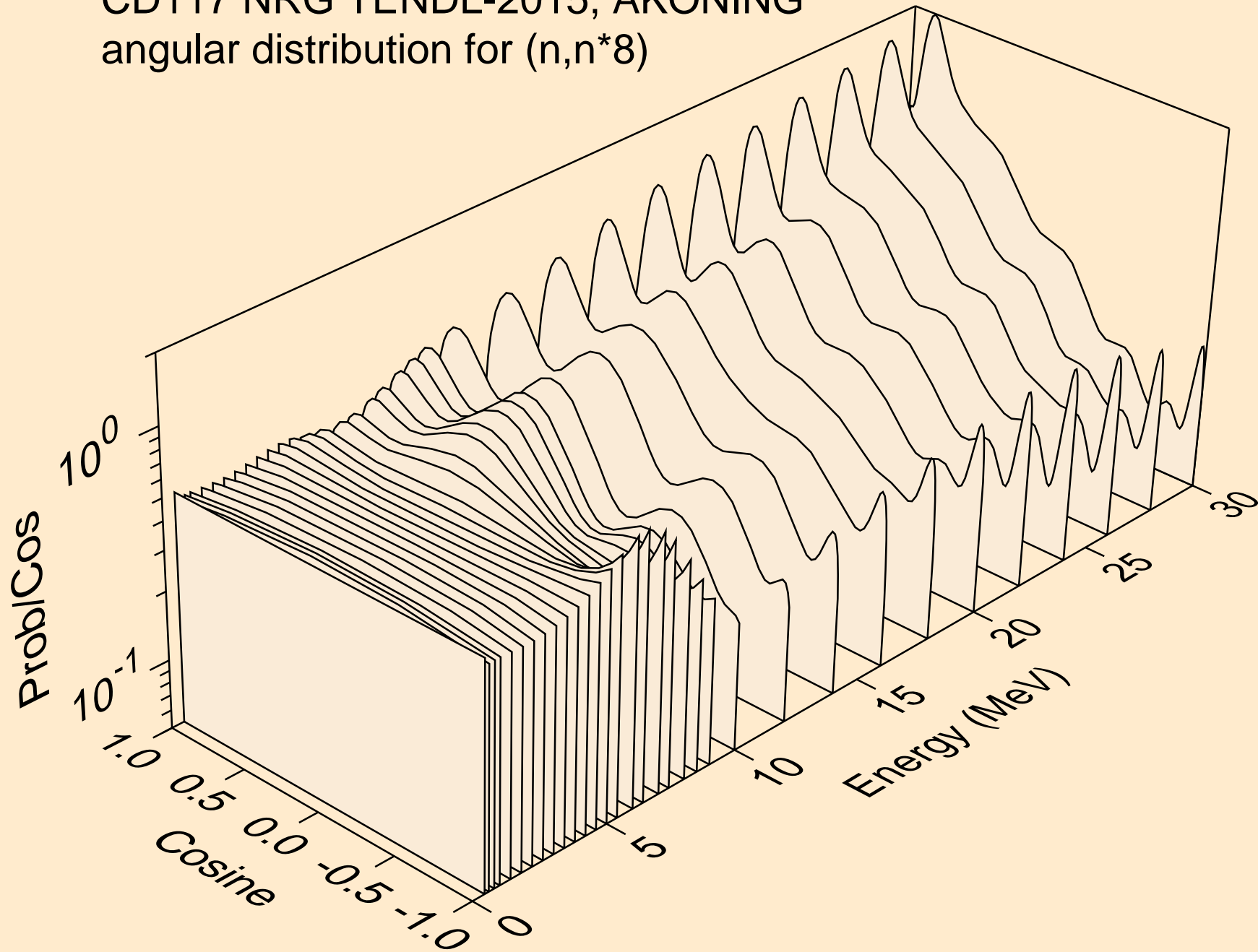
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



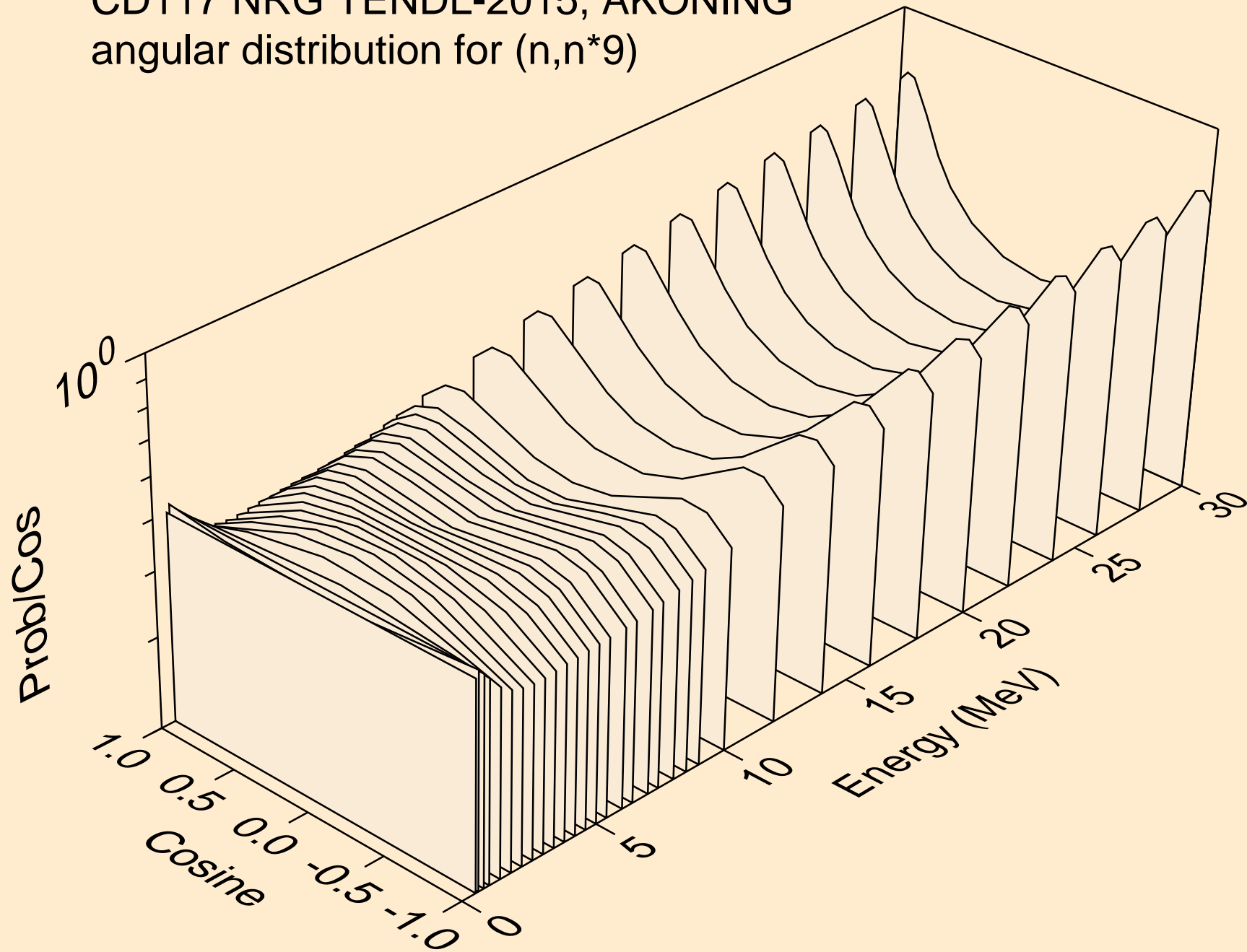
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

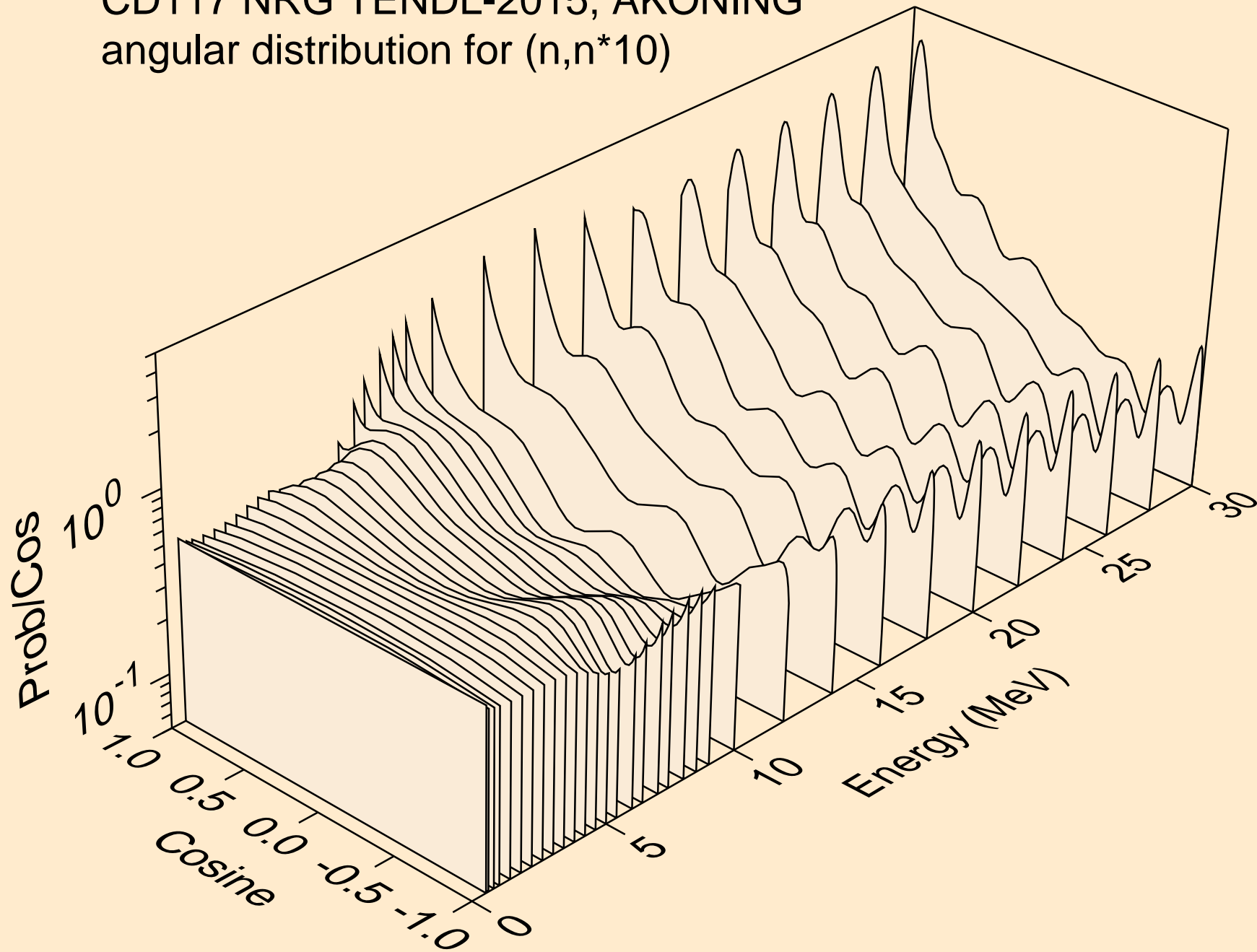


CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

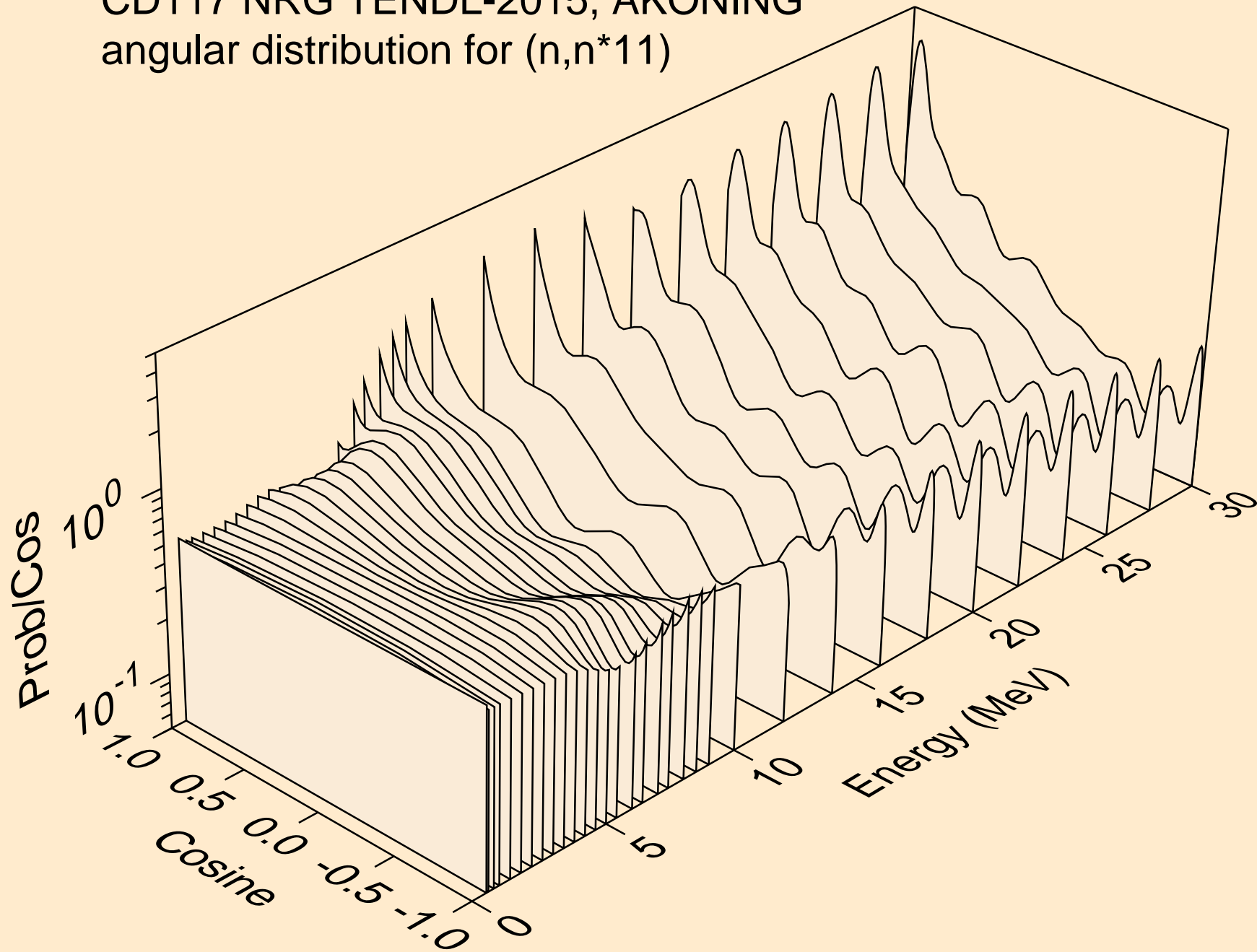




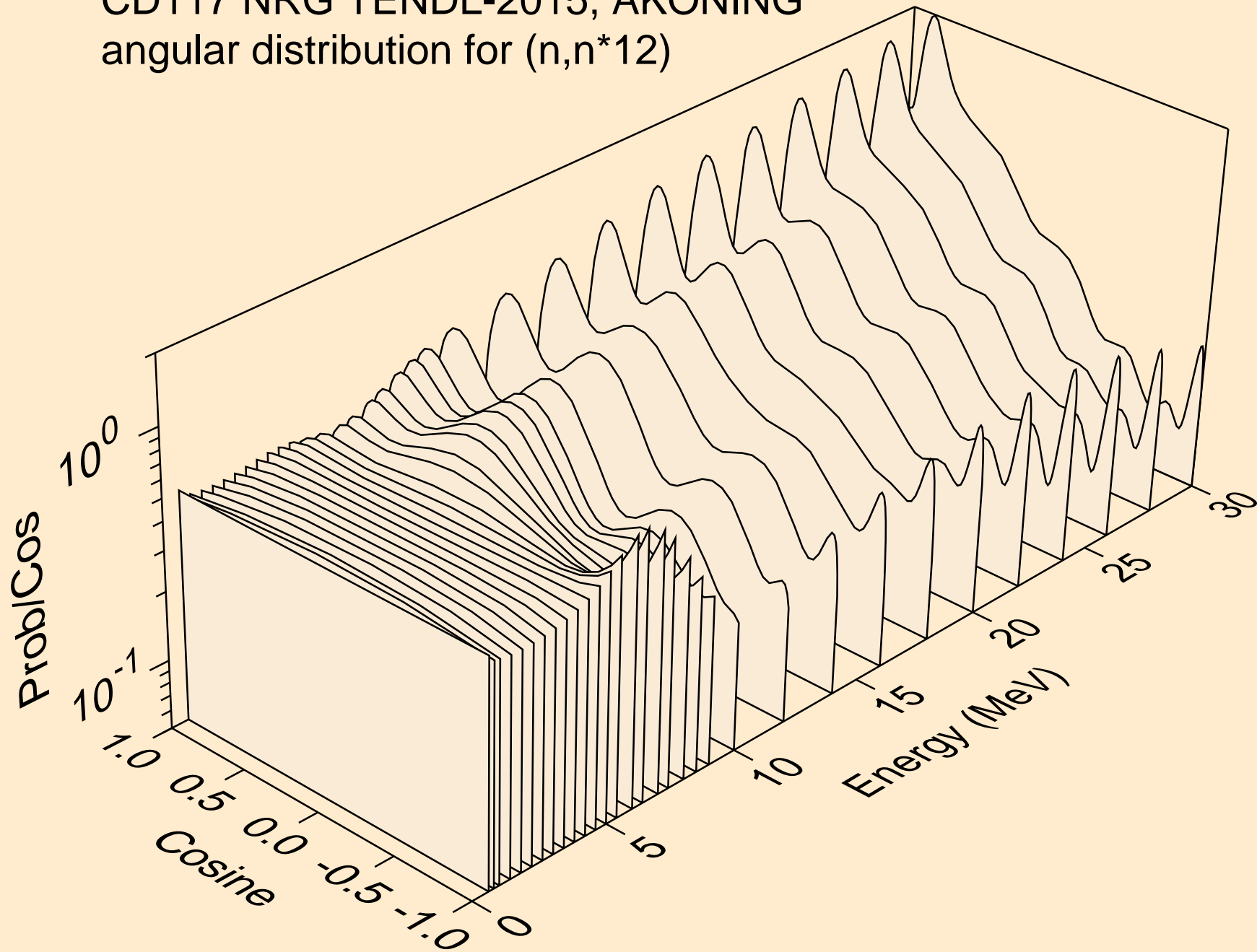
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



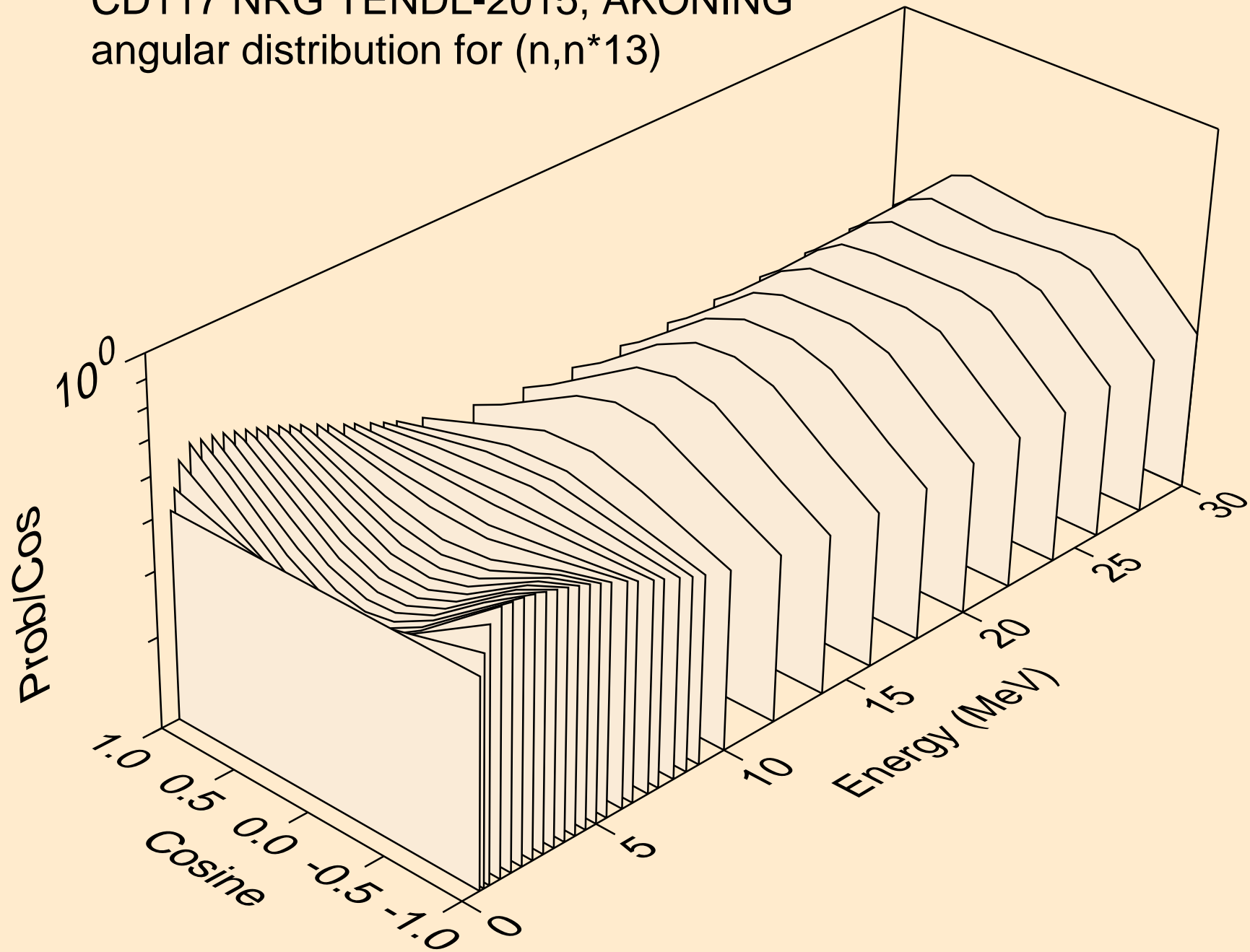
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



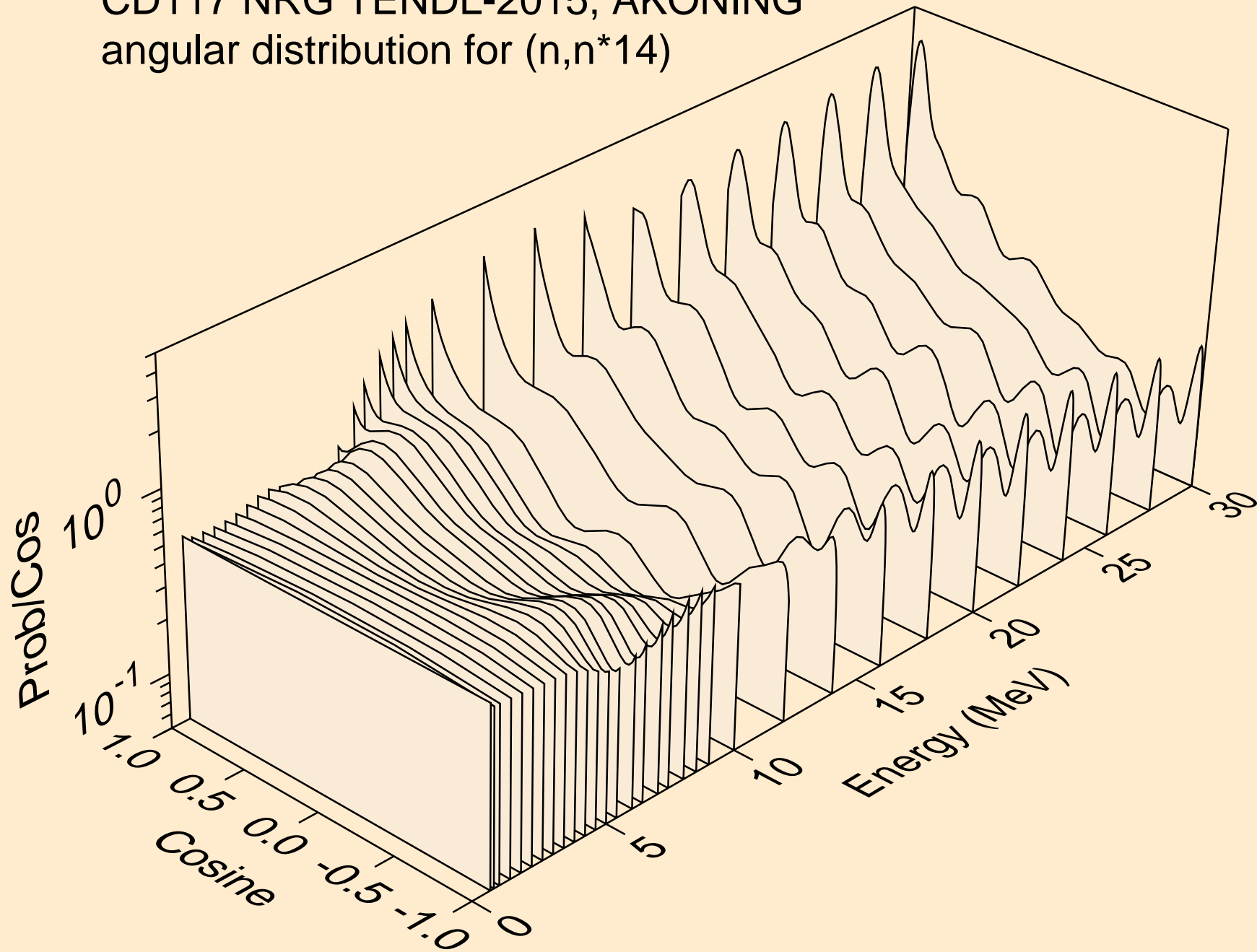
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



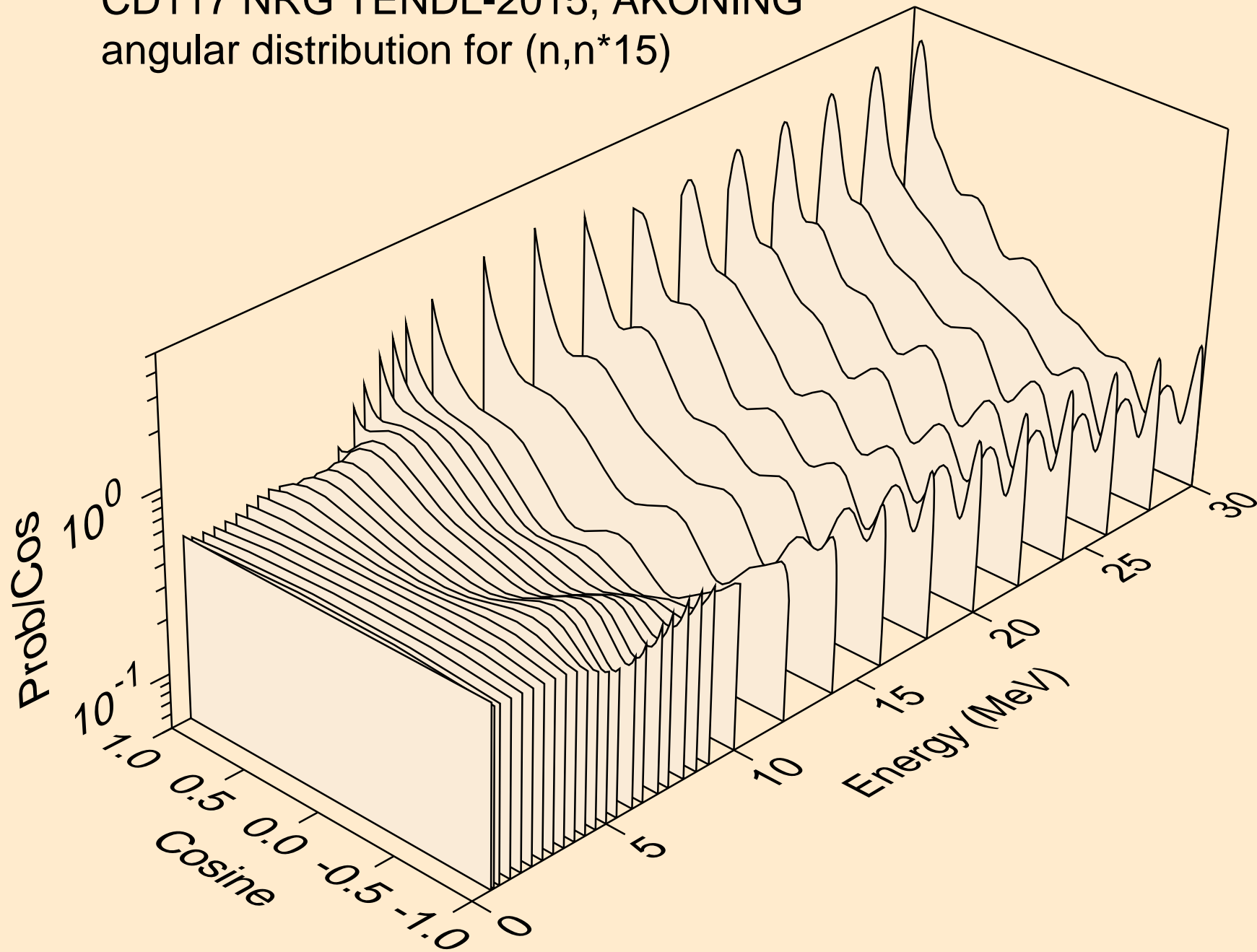
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



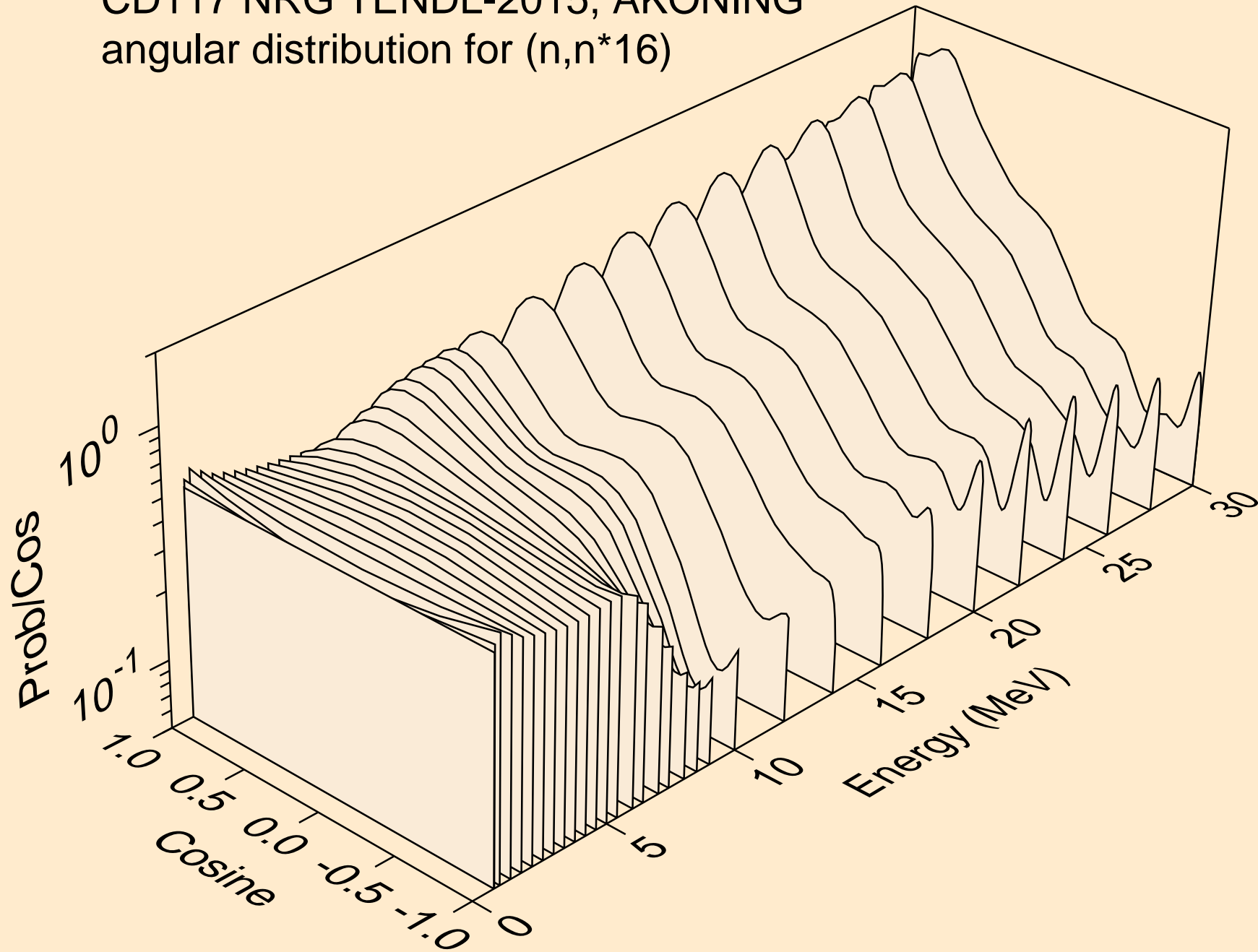
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



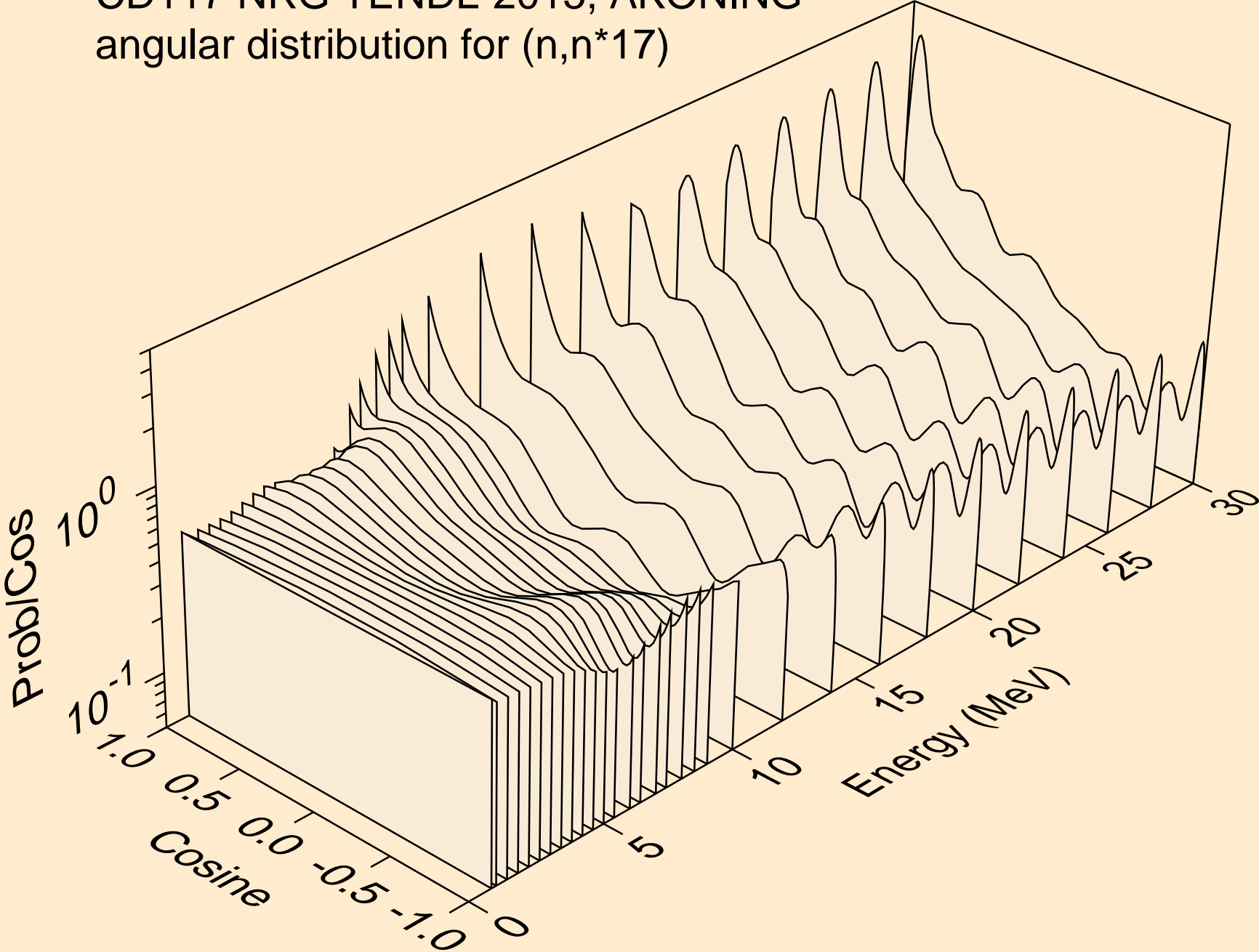
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

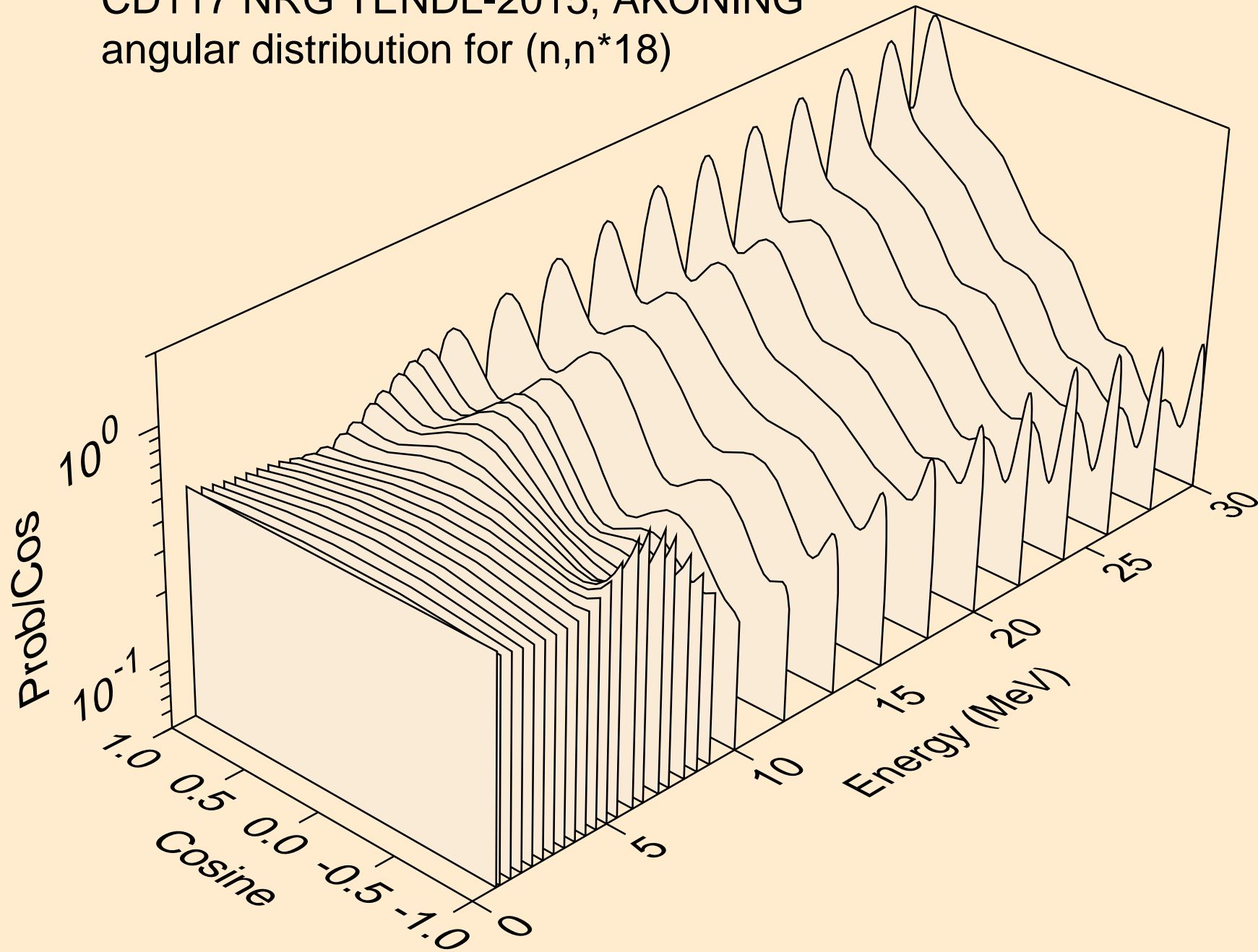


CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

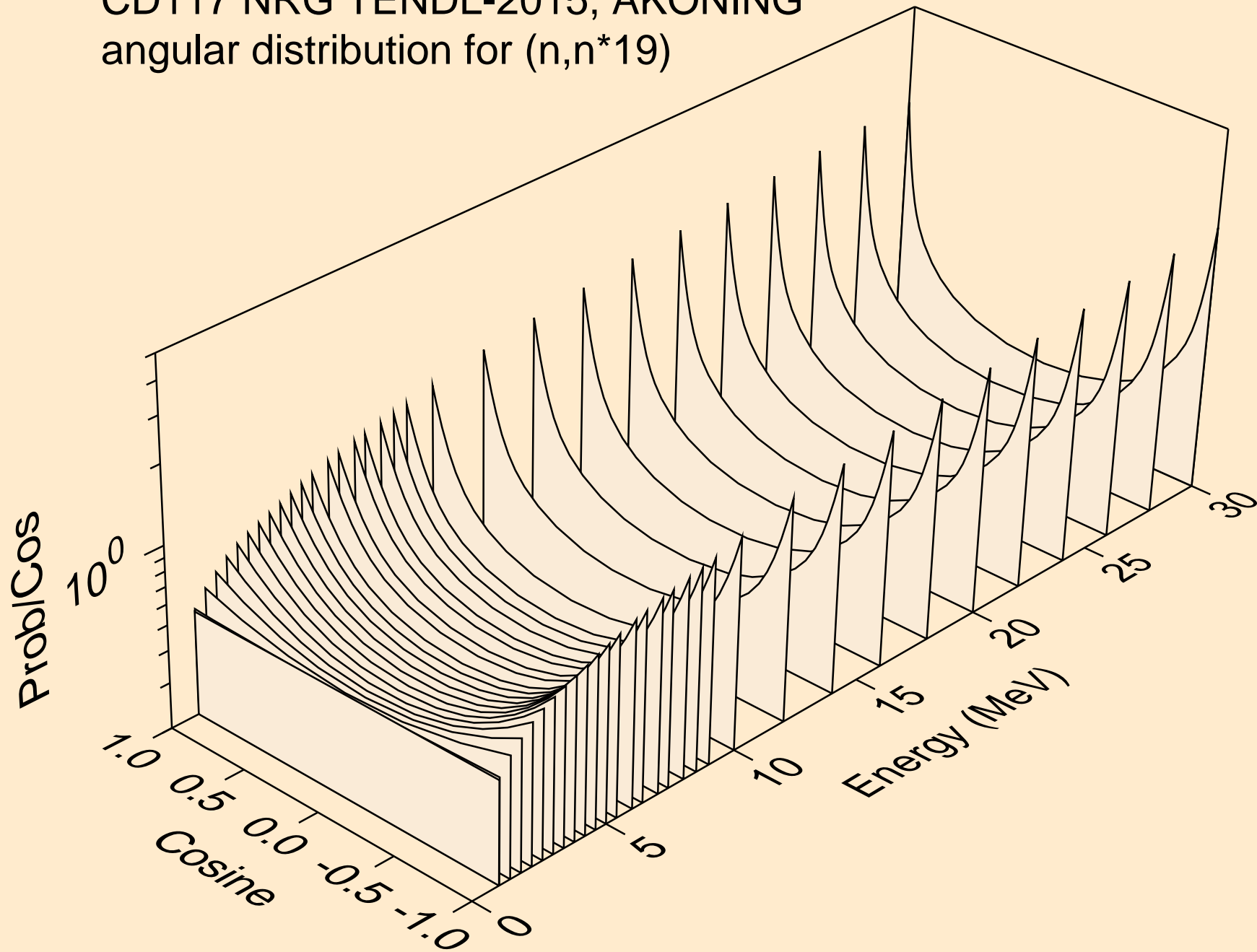




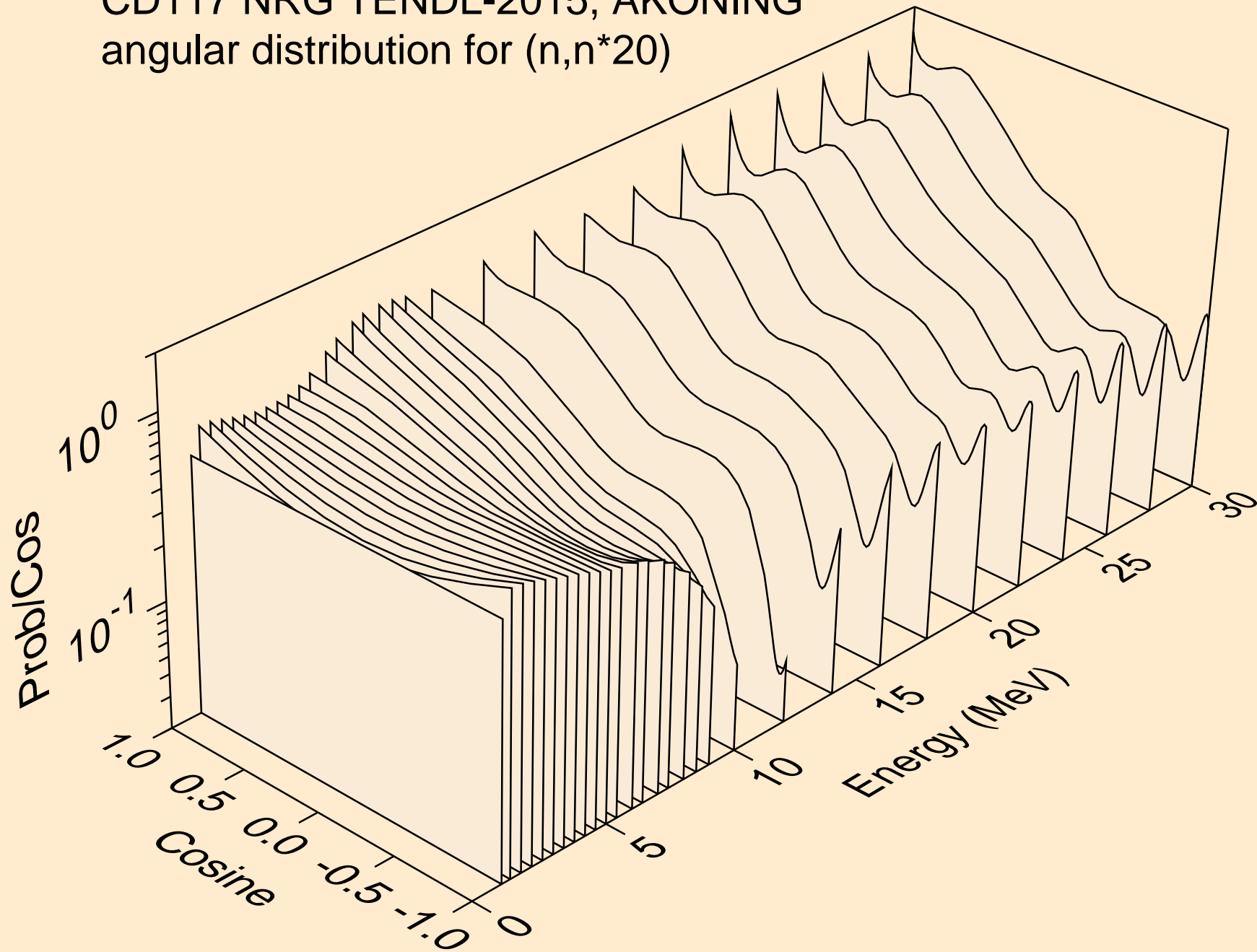
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



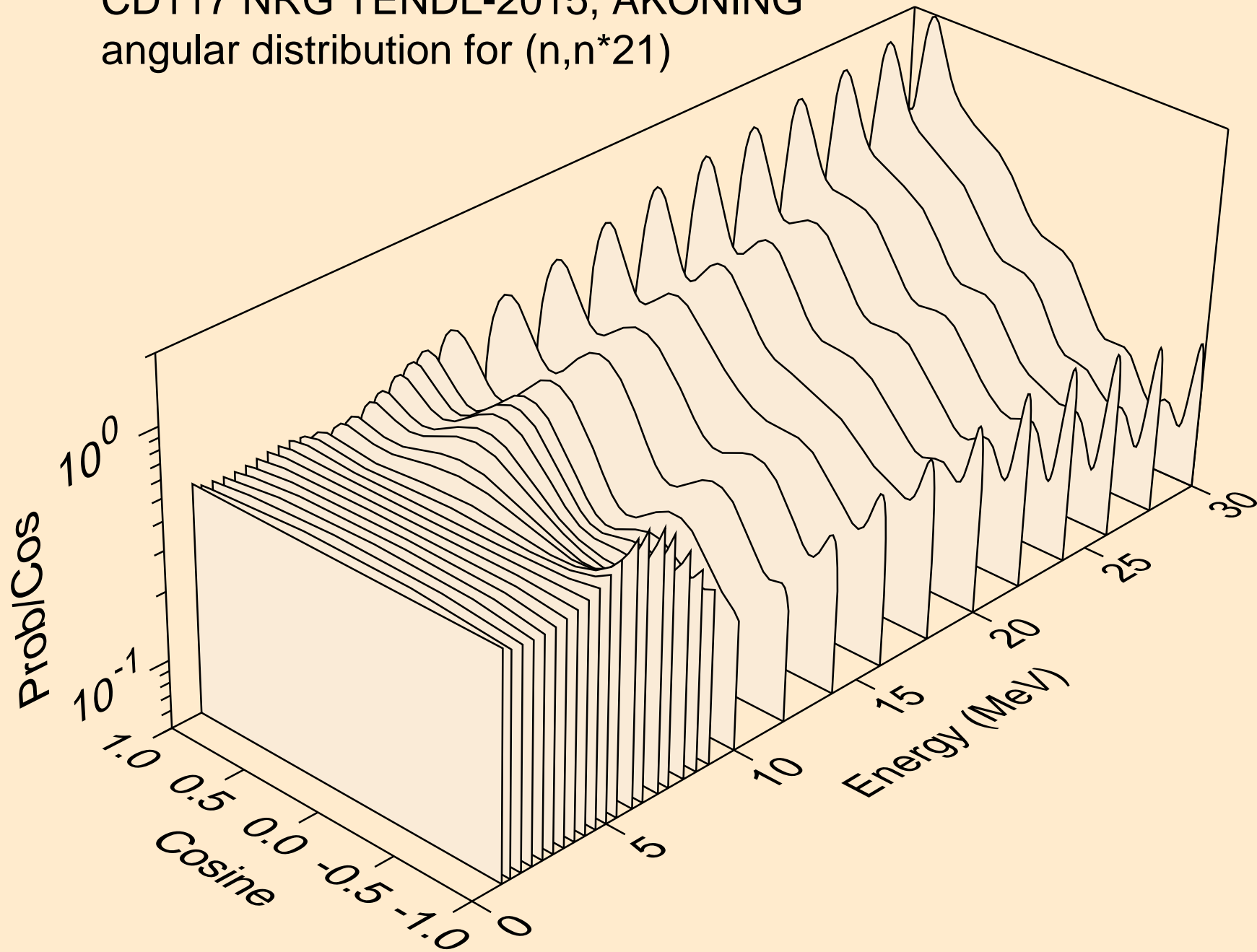
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



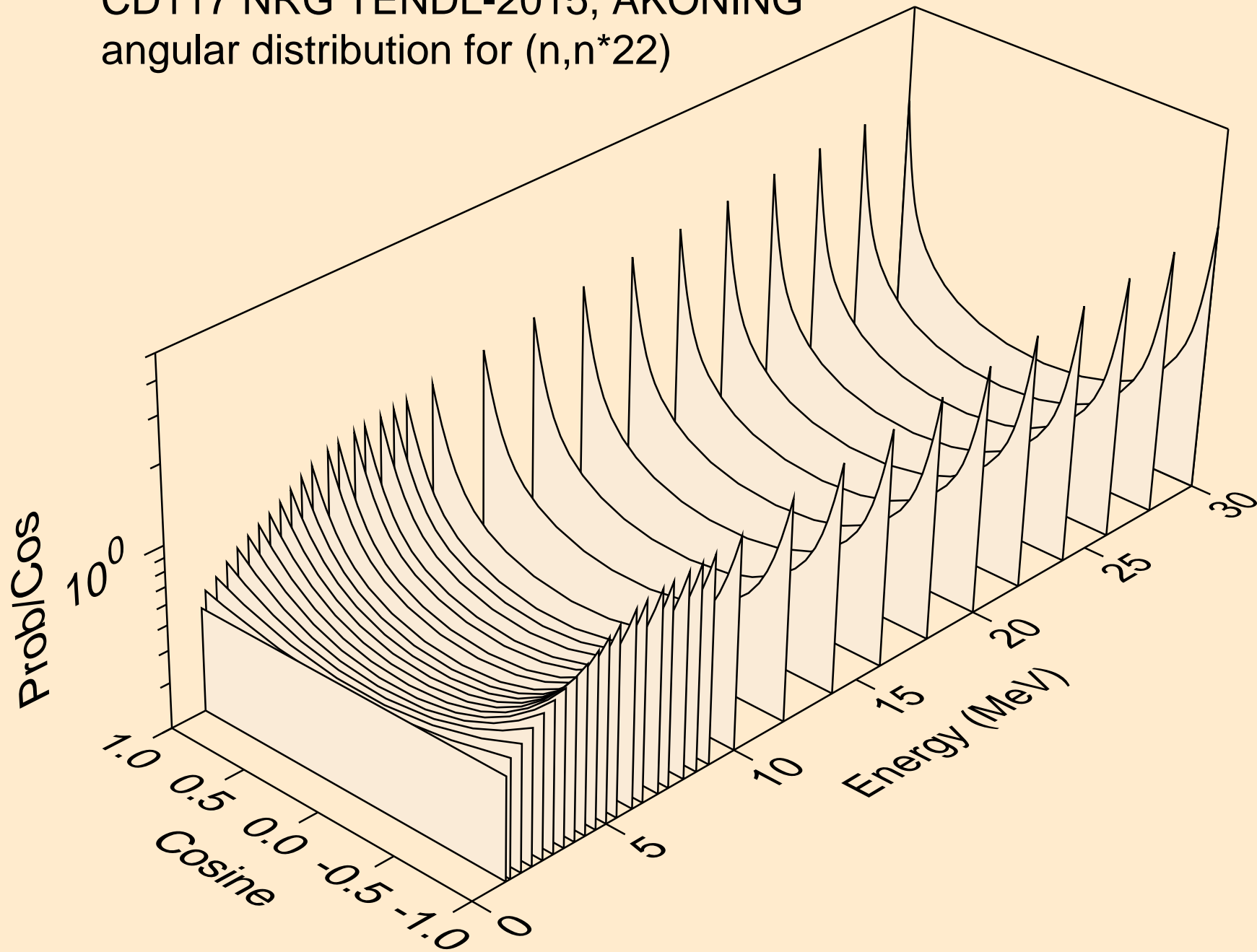
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



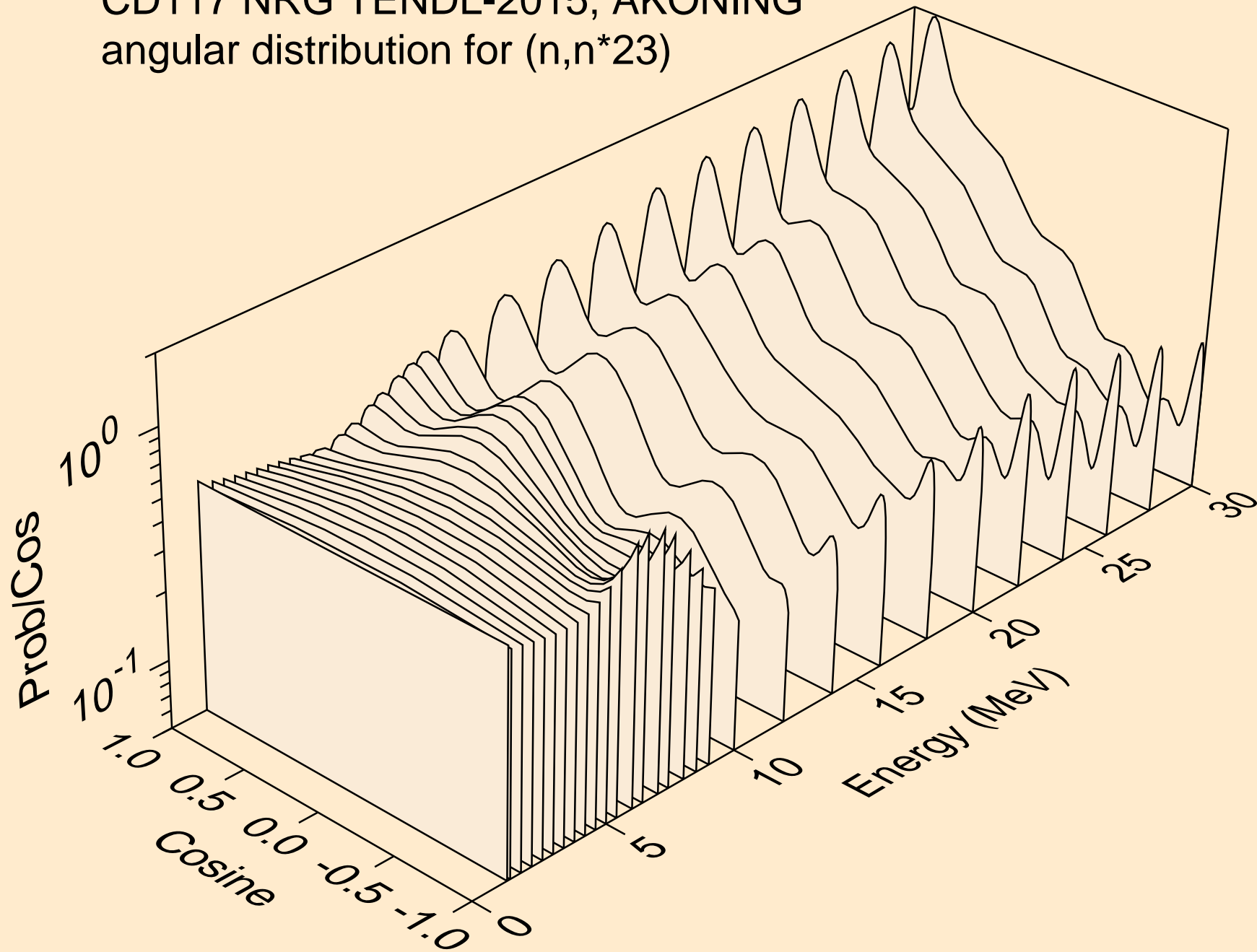
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



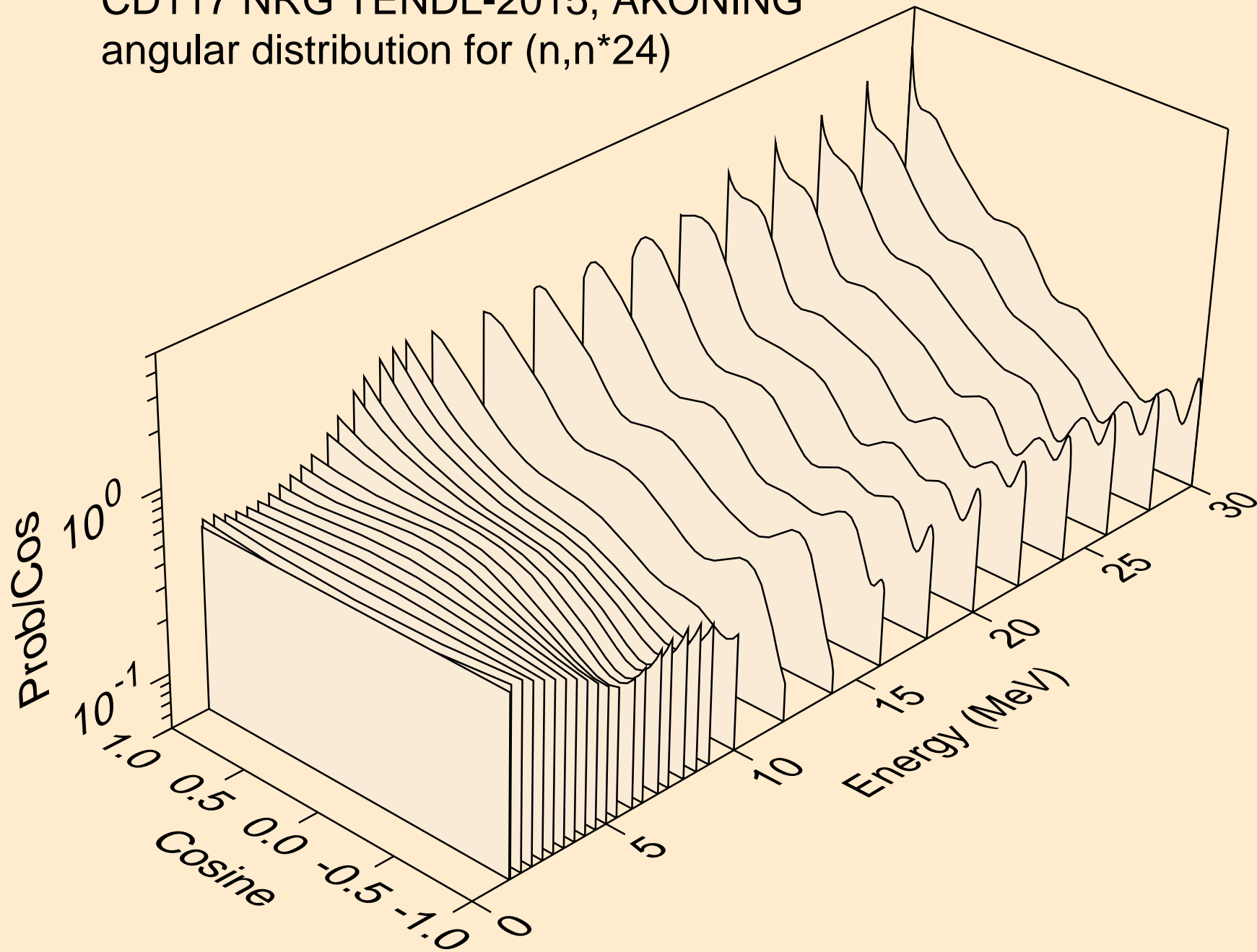
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



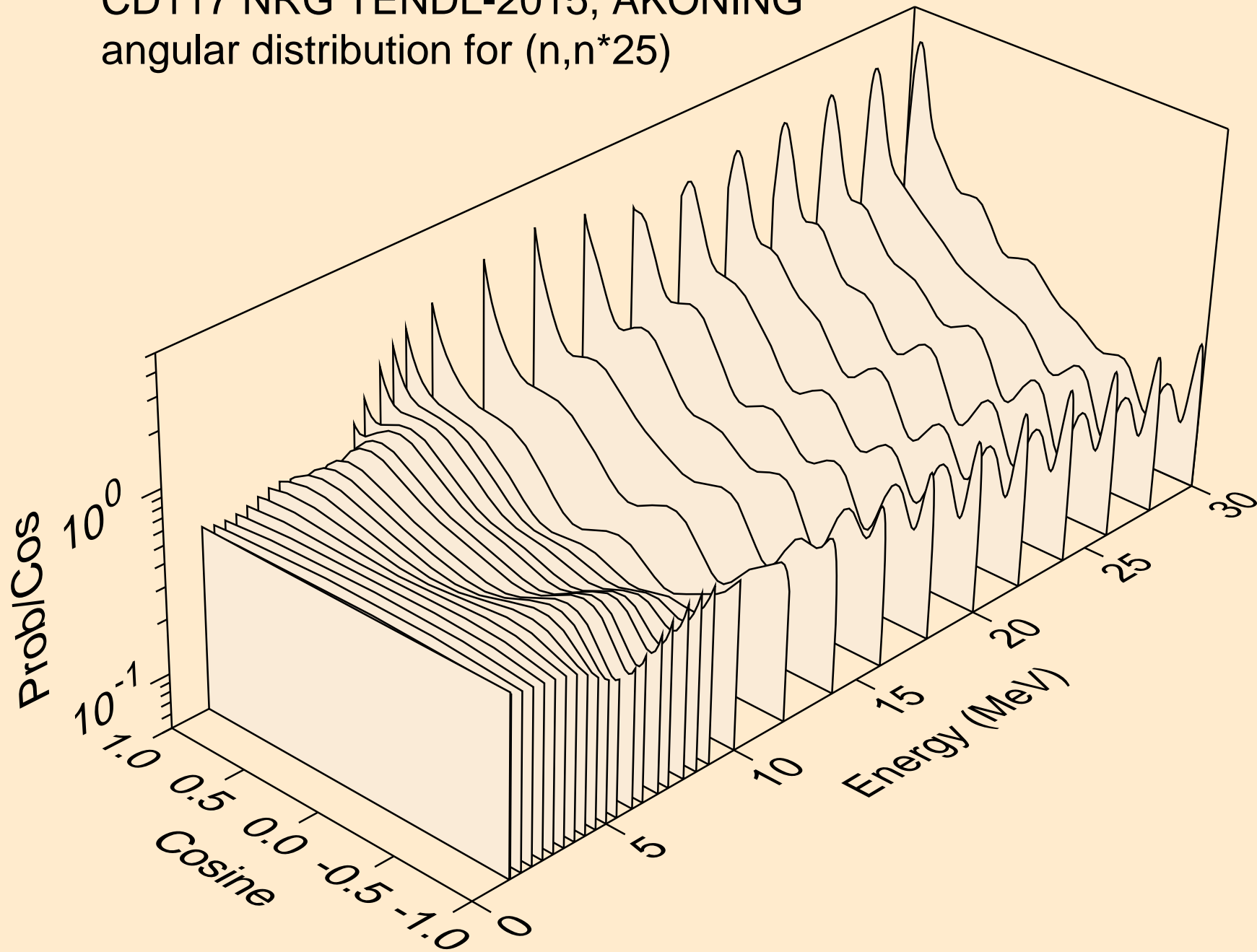
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

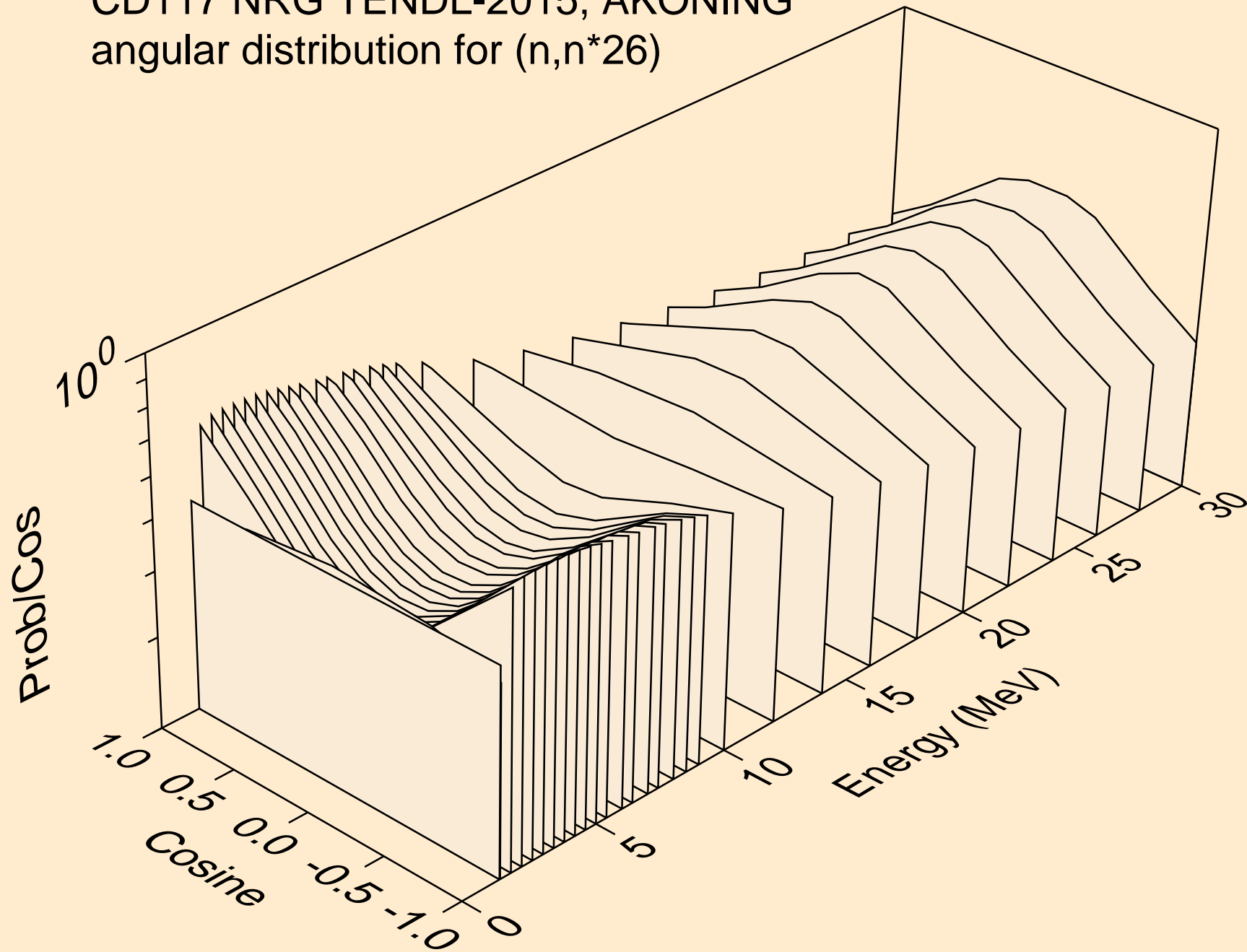


CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)

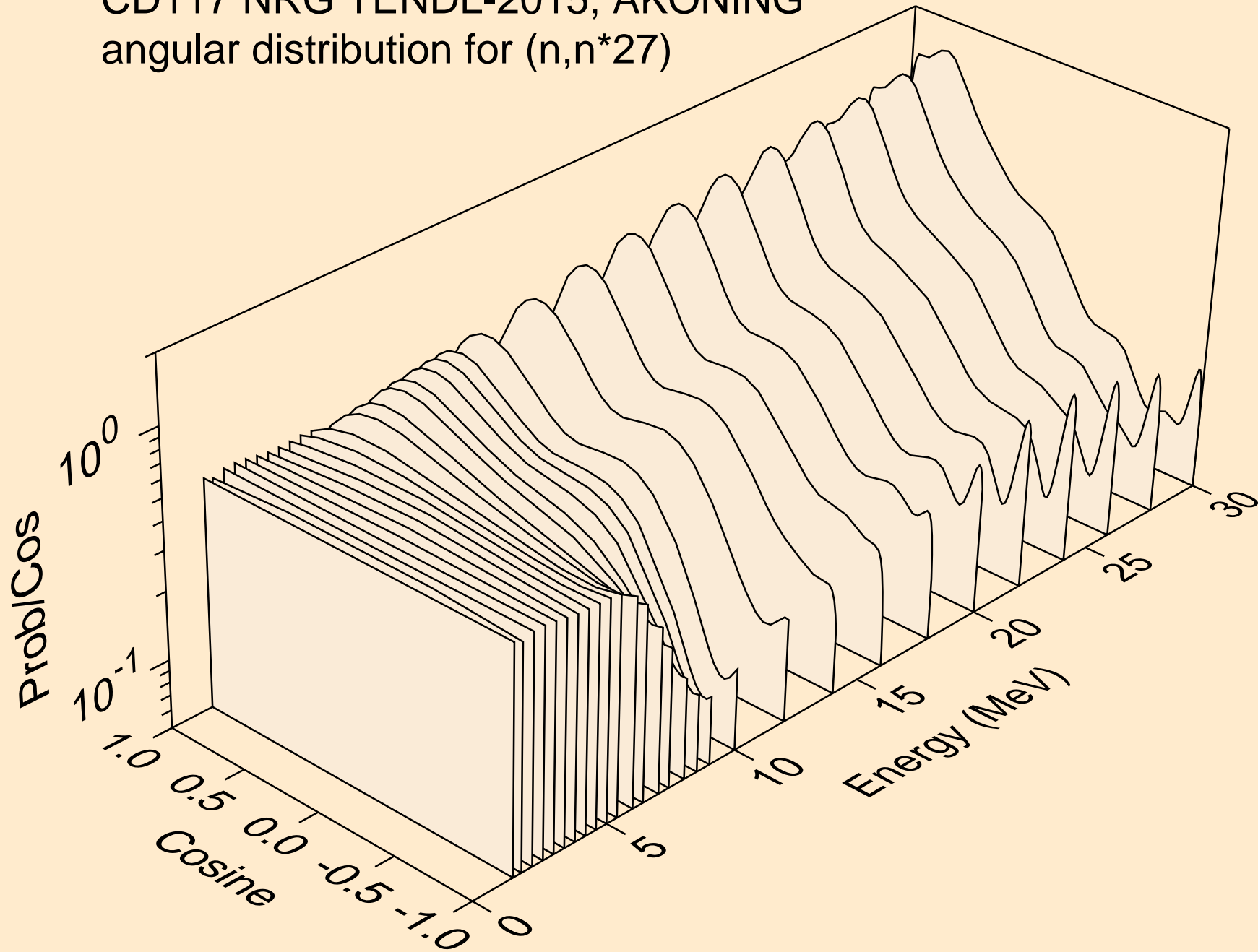




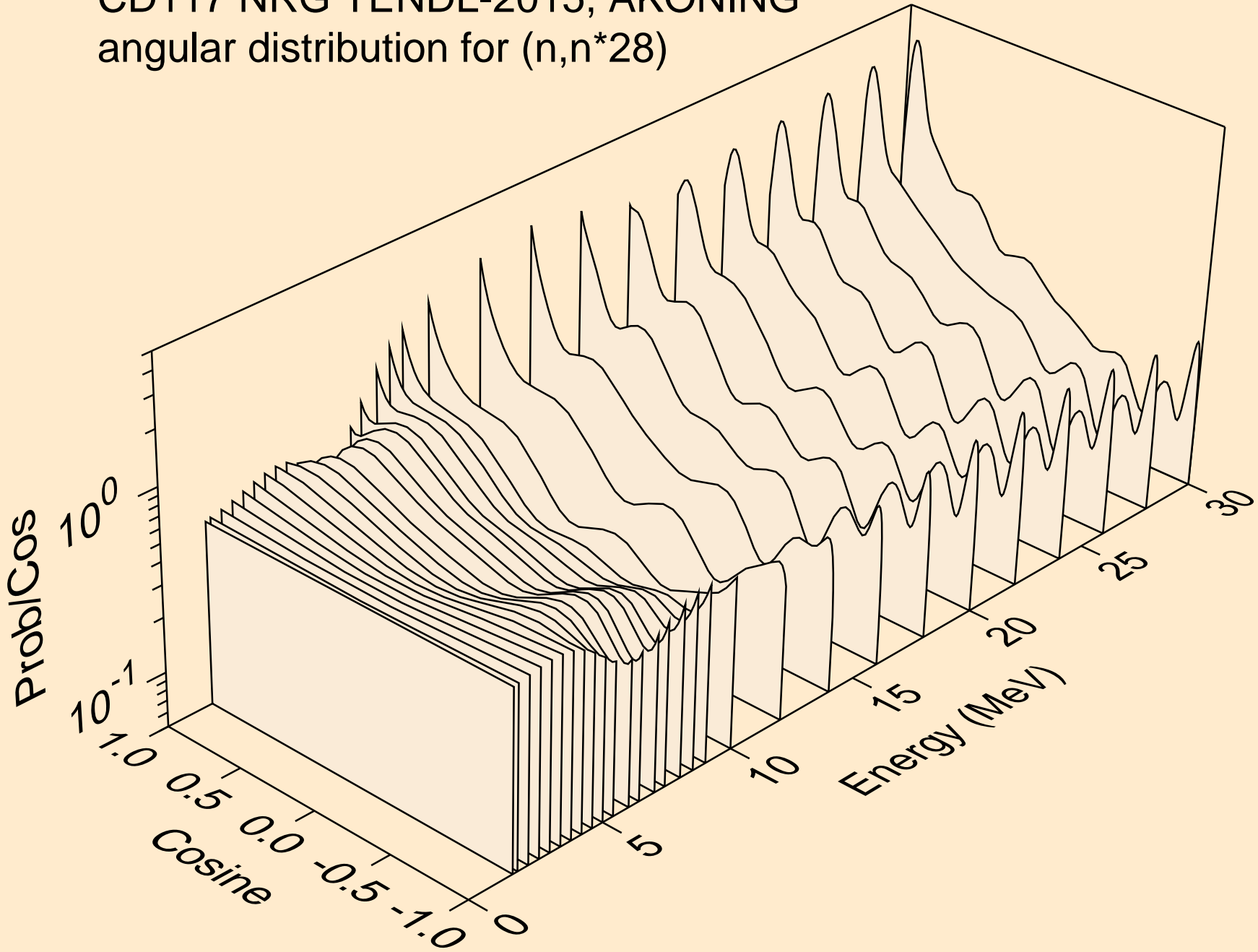
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



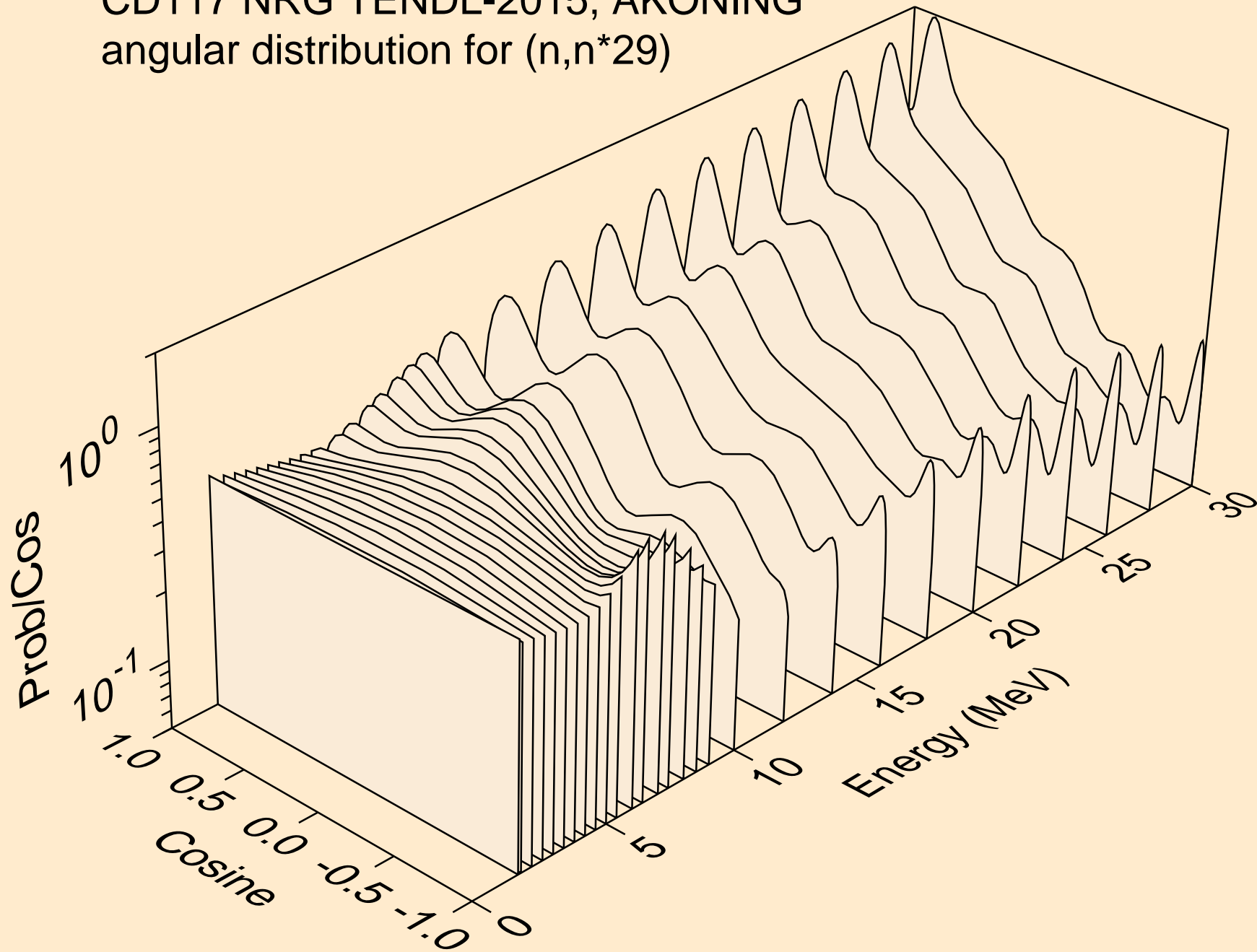
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



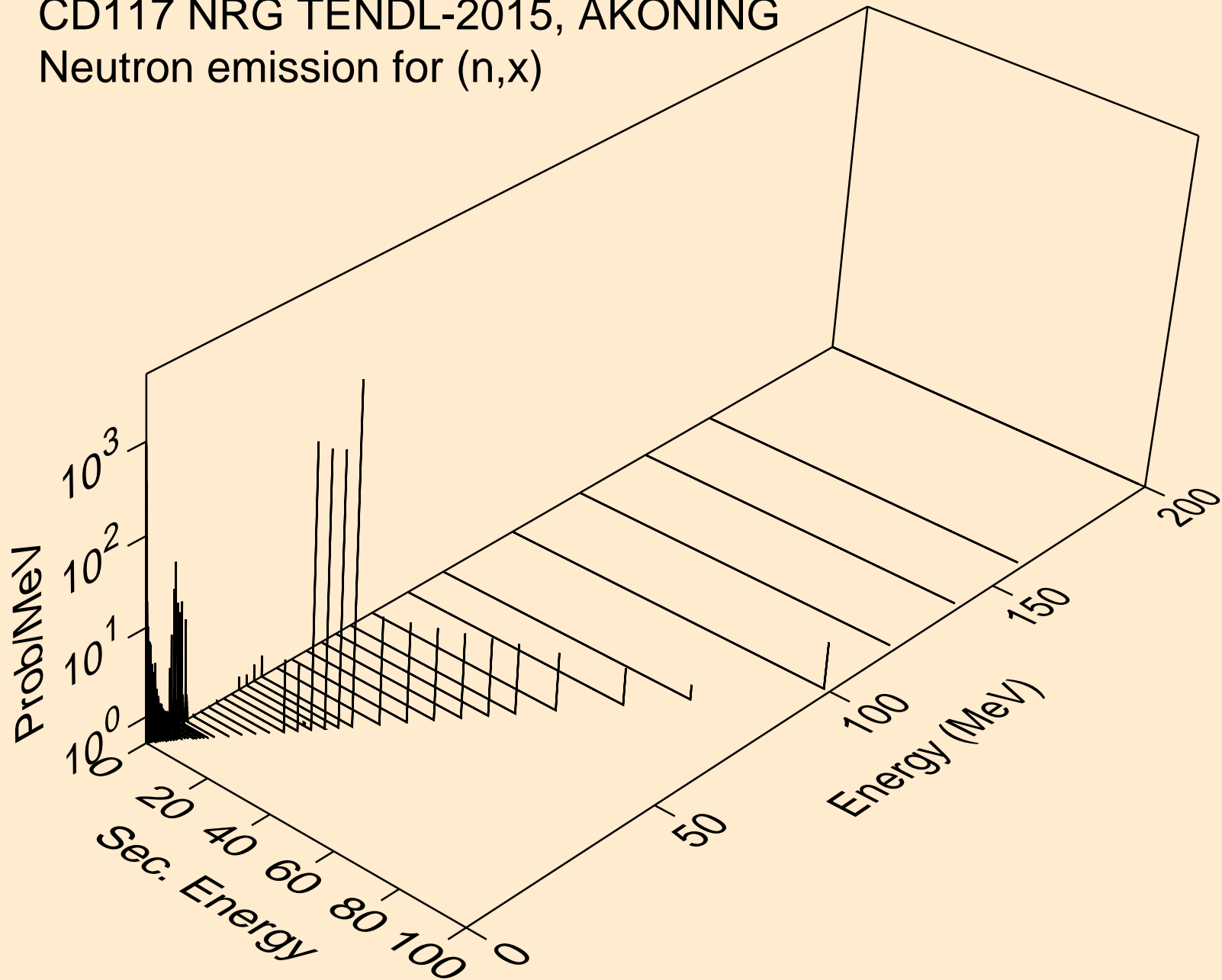
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



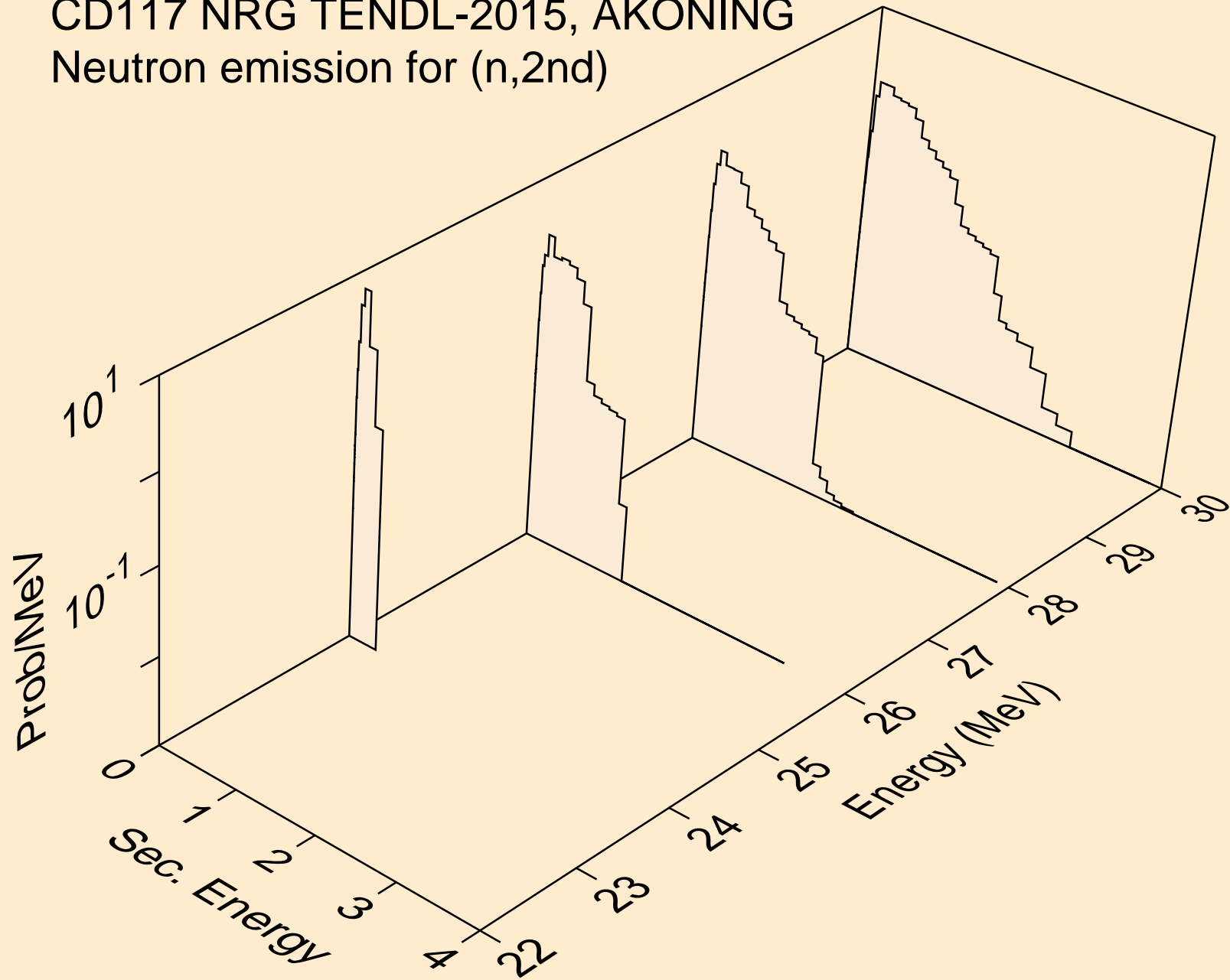
CD117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



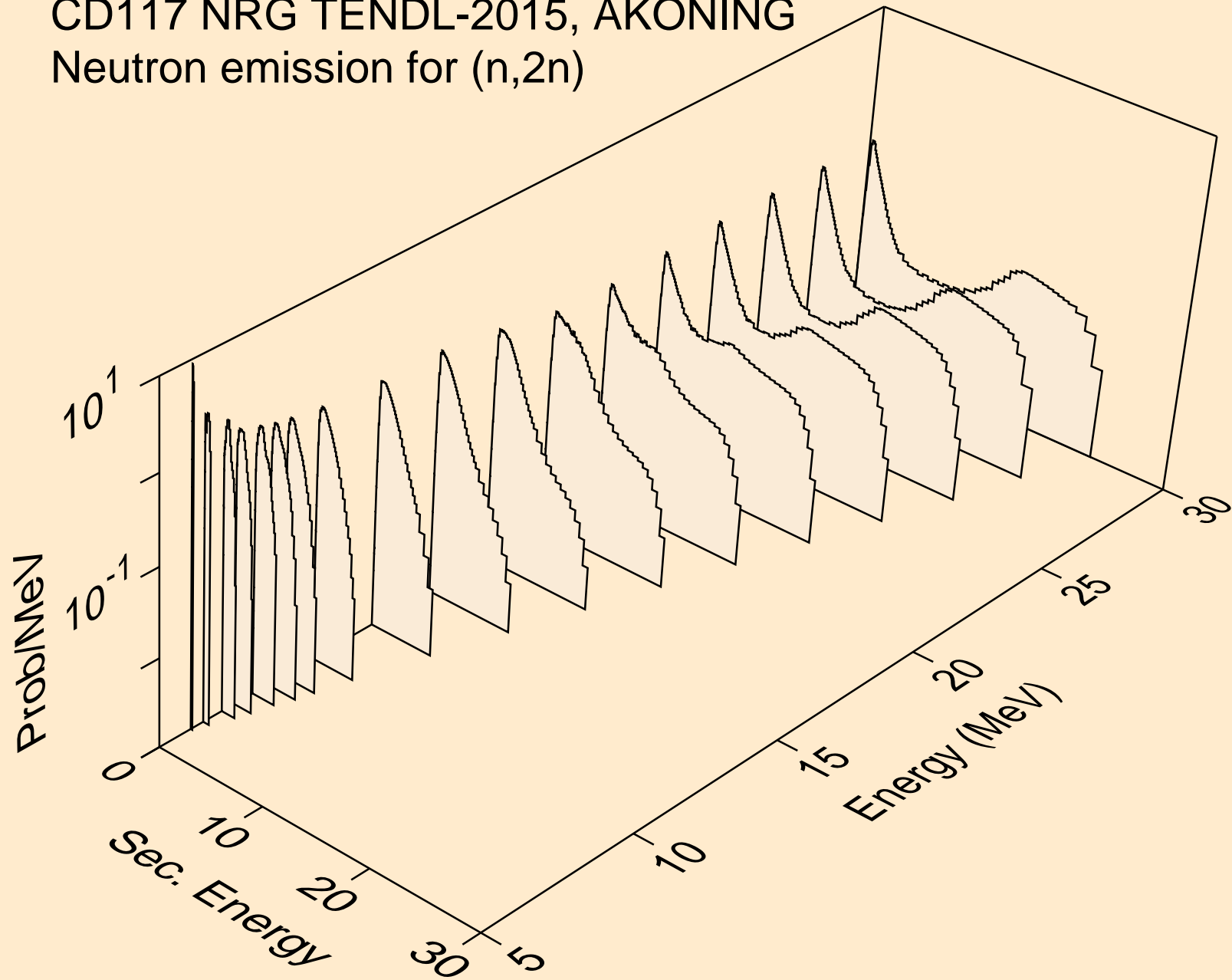
CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



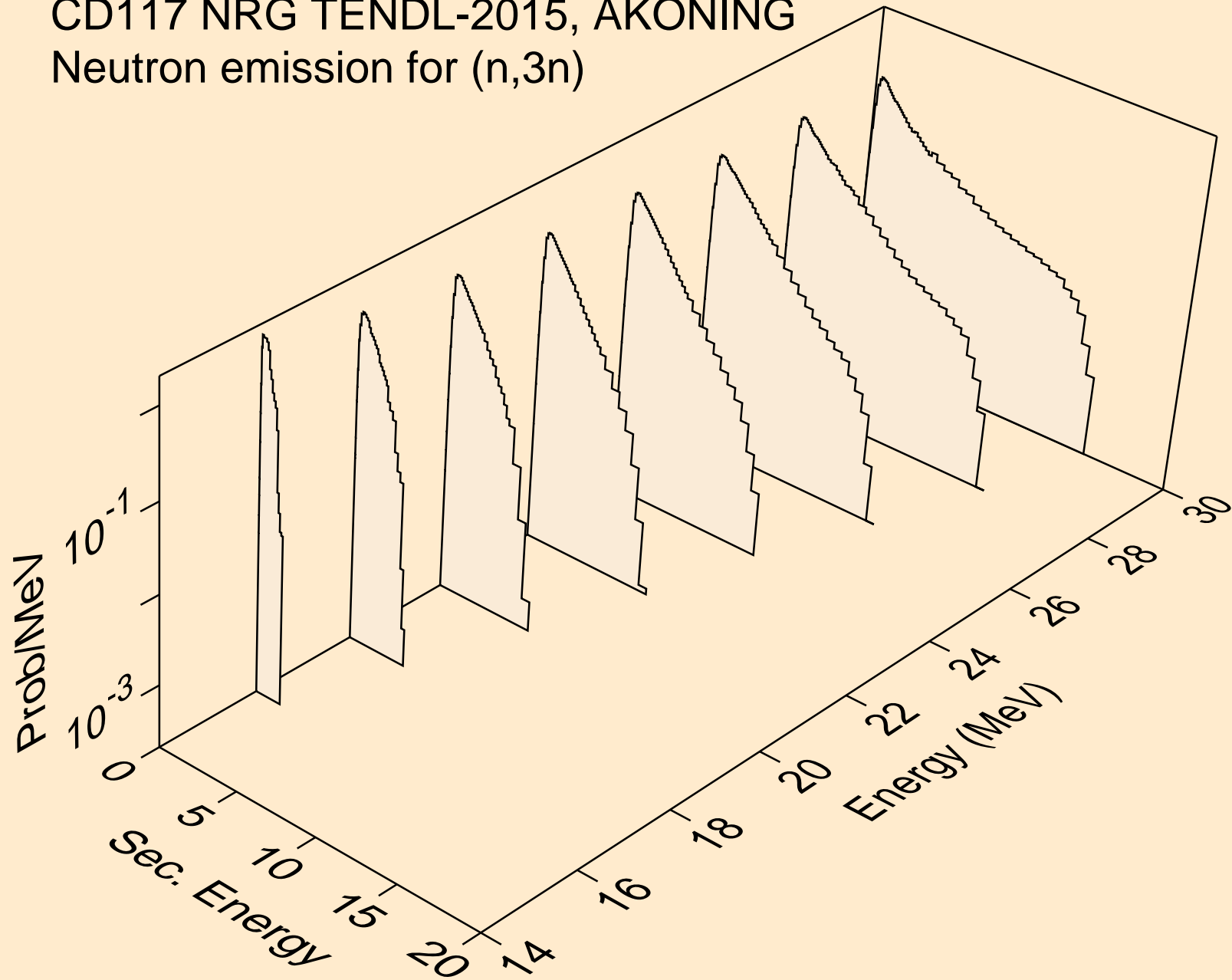
CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

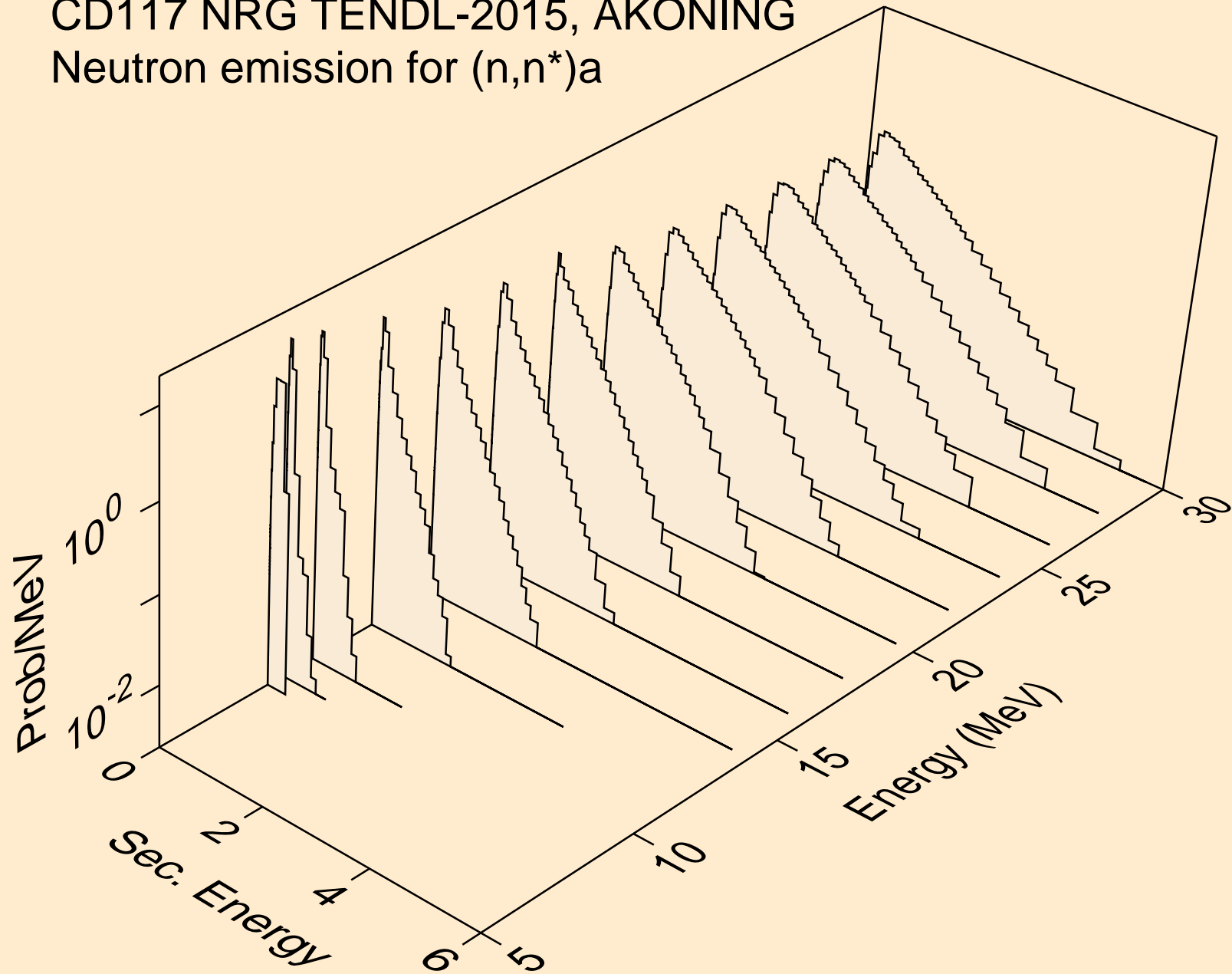


CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

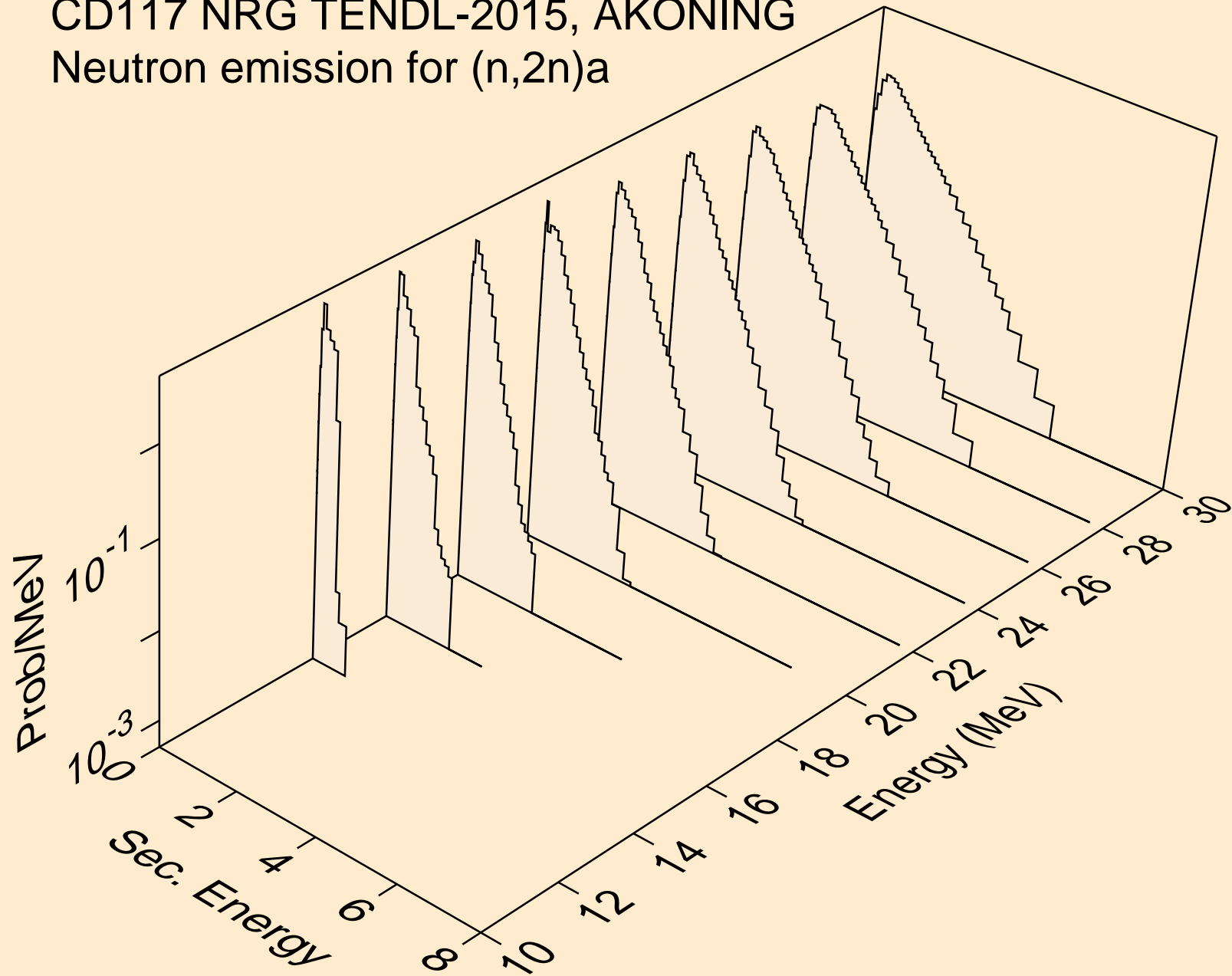




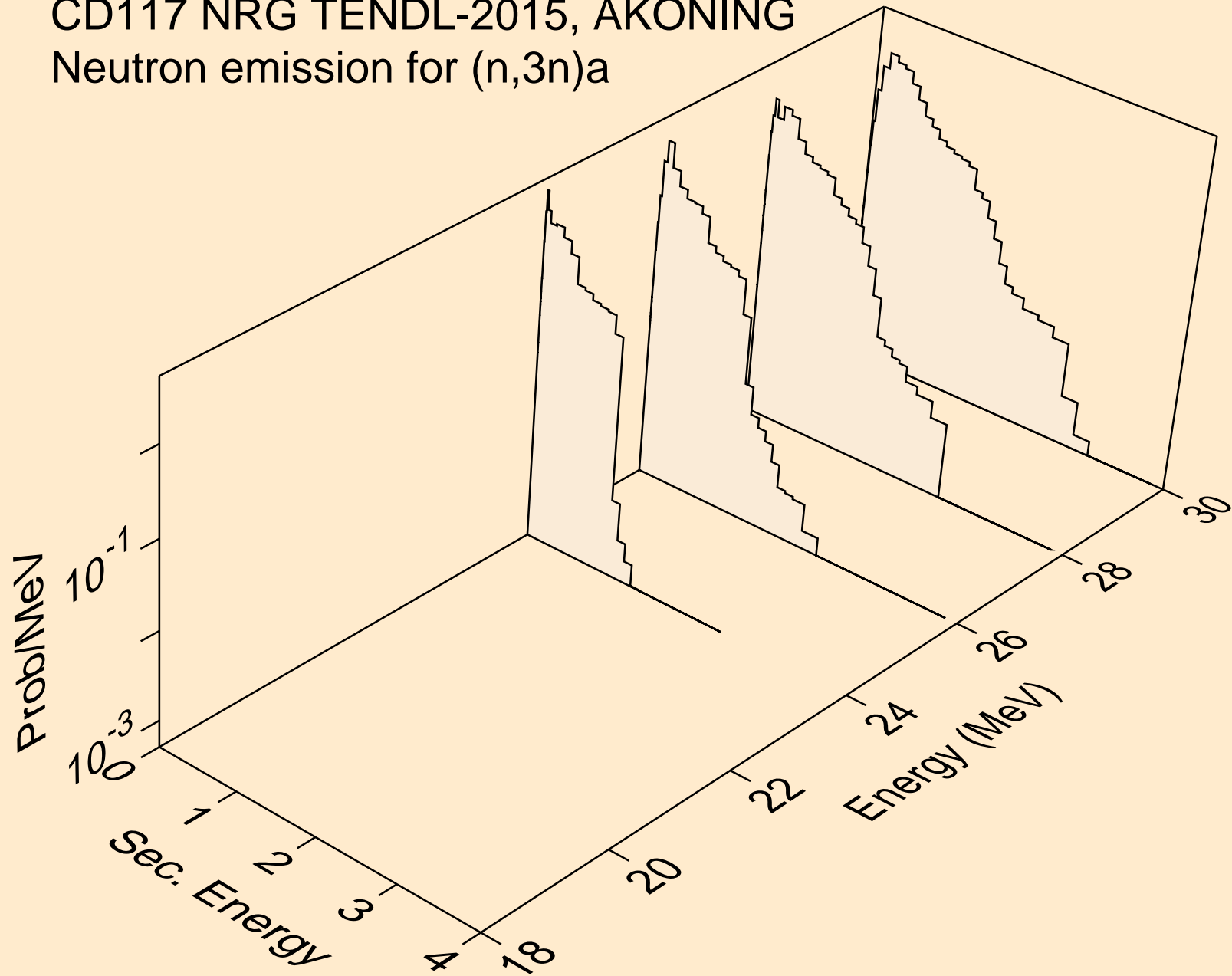
CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



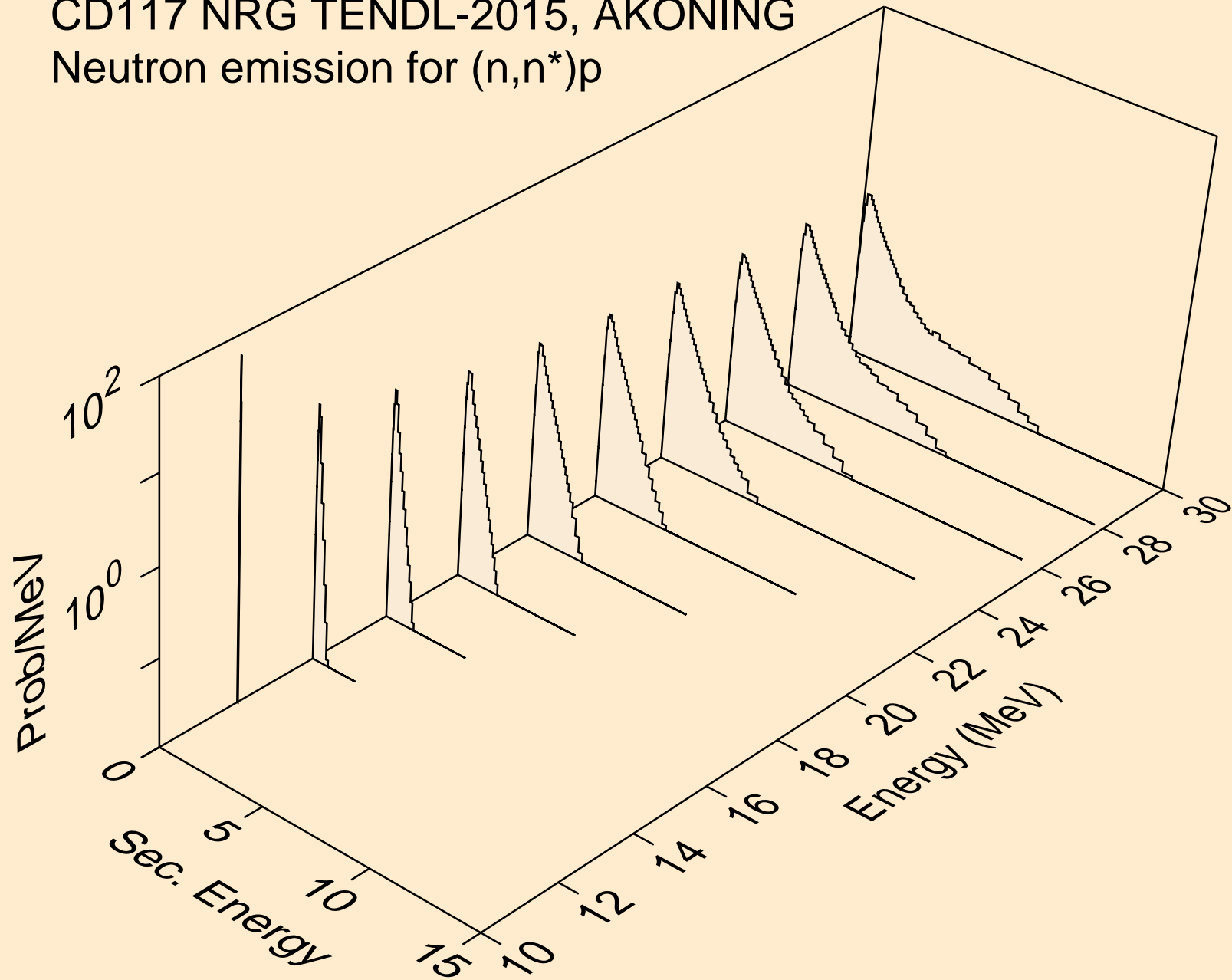
CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



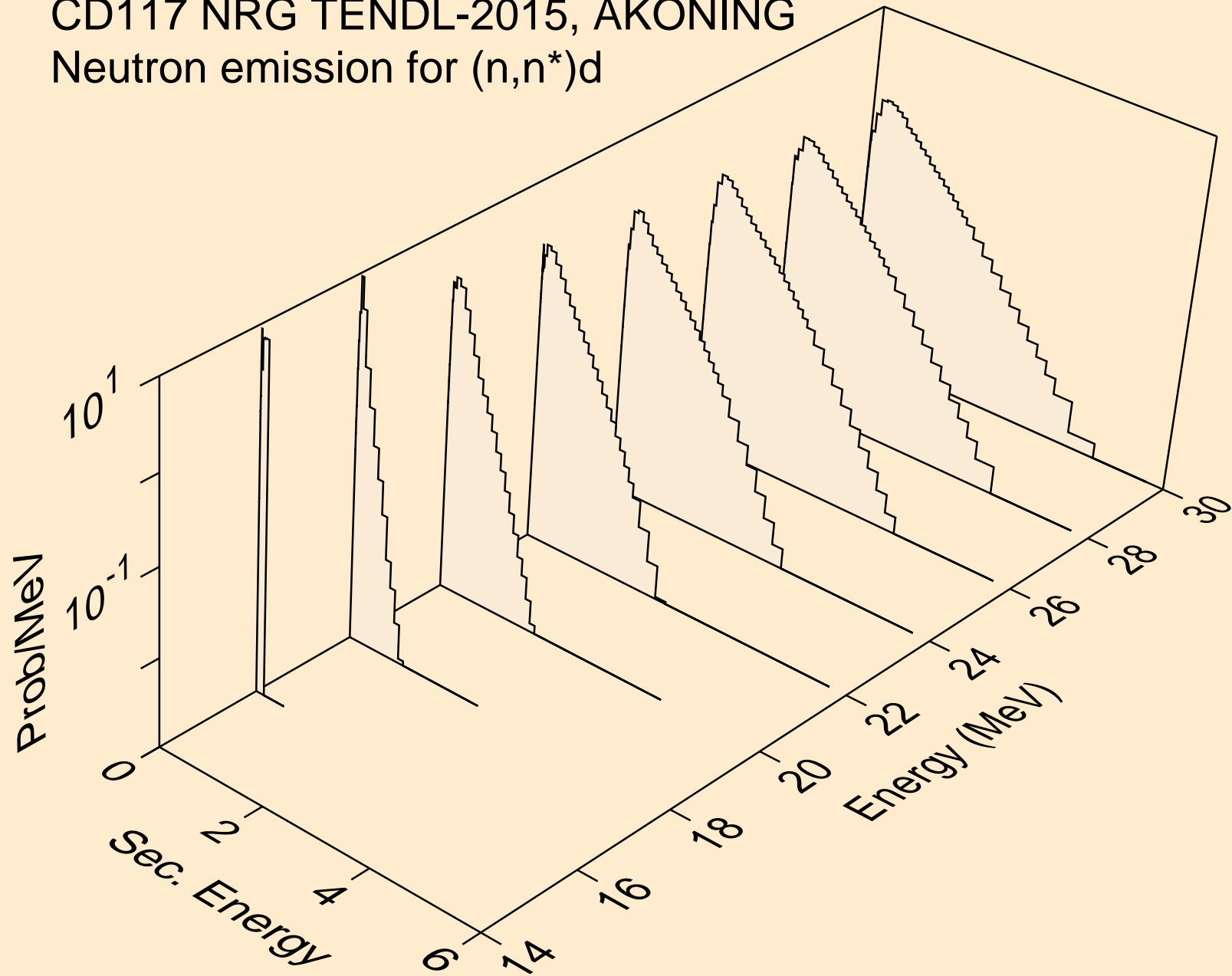
CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



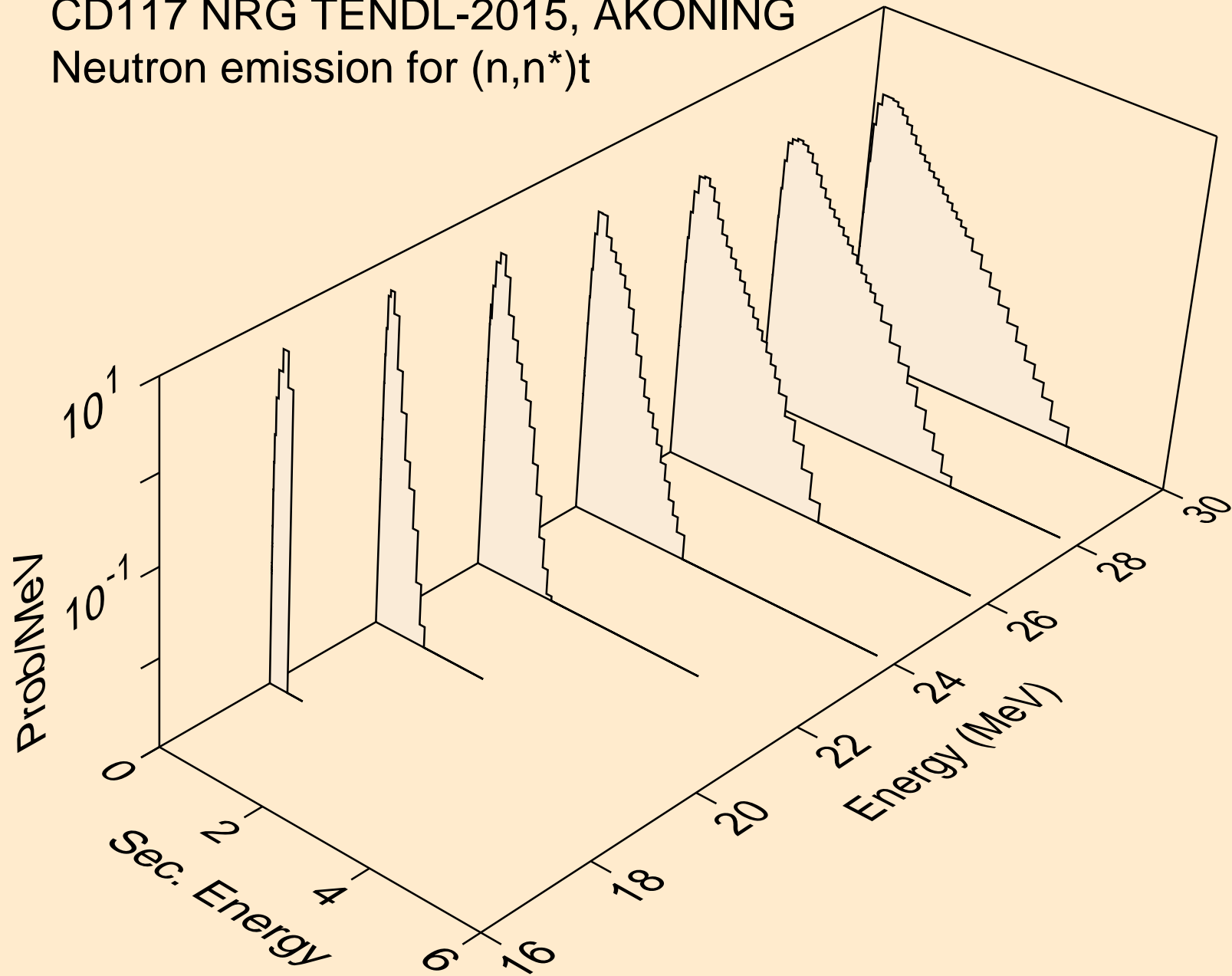
CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



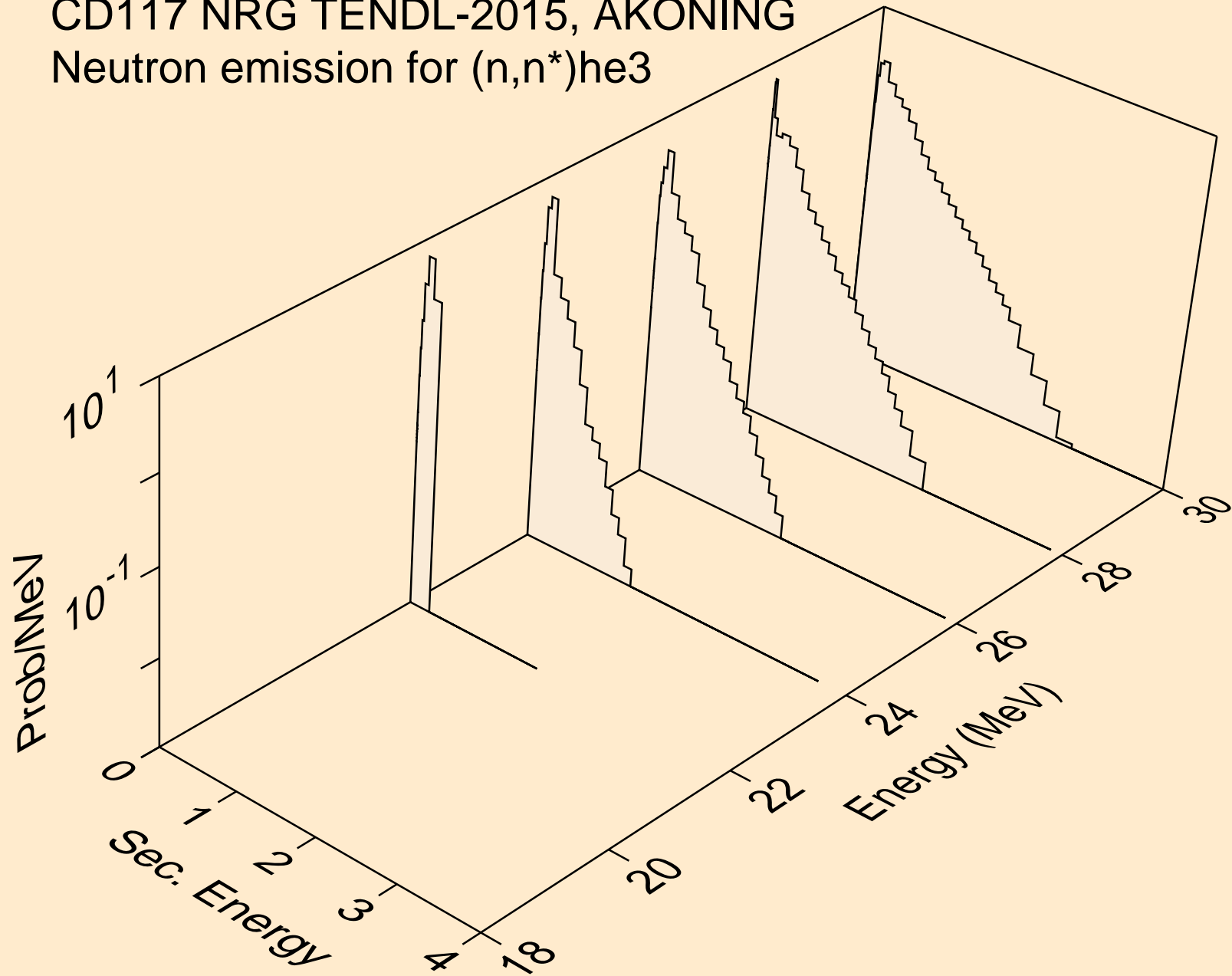
CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



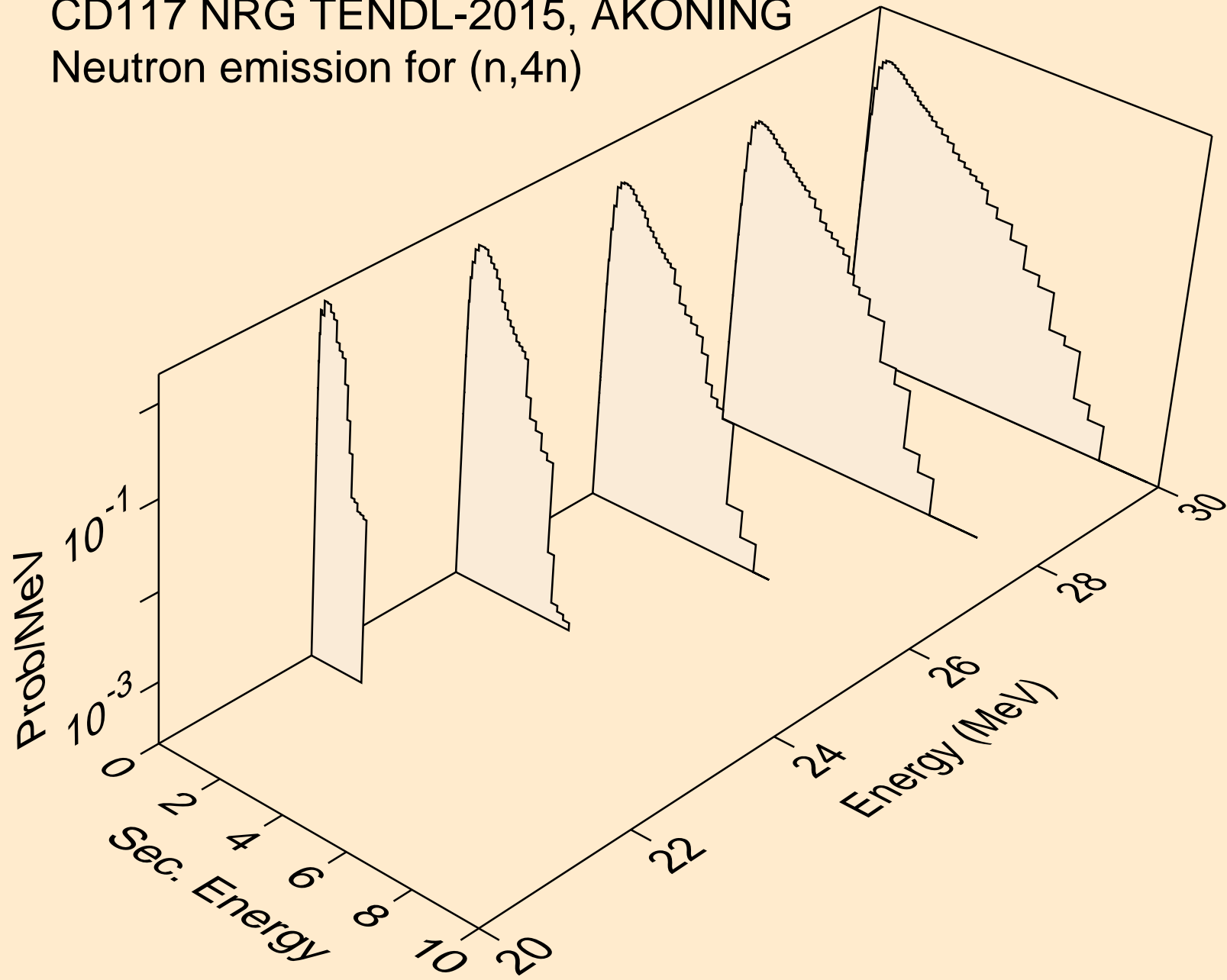
CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

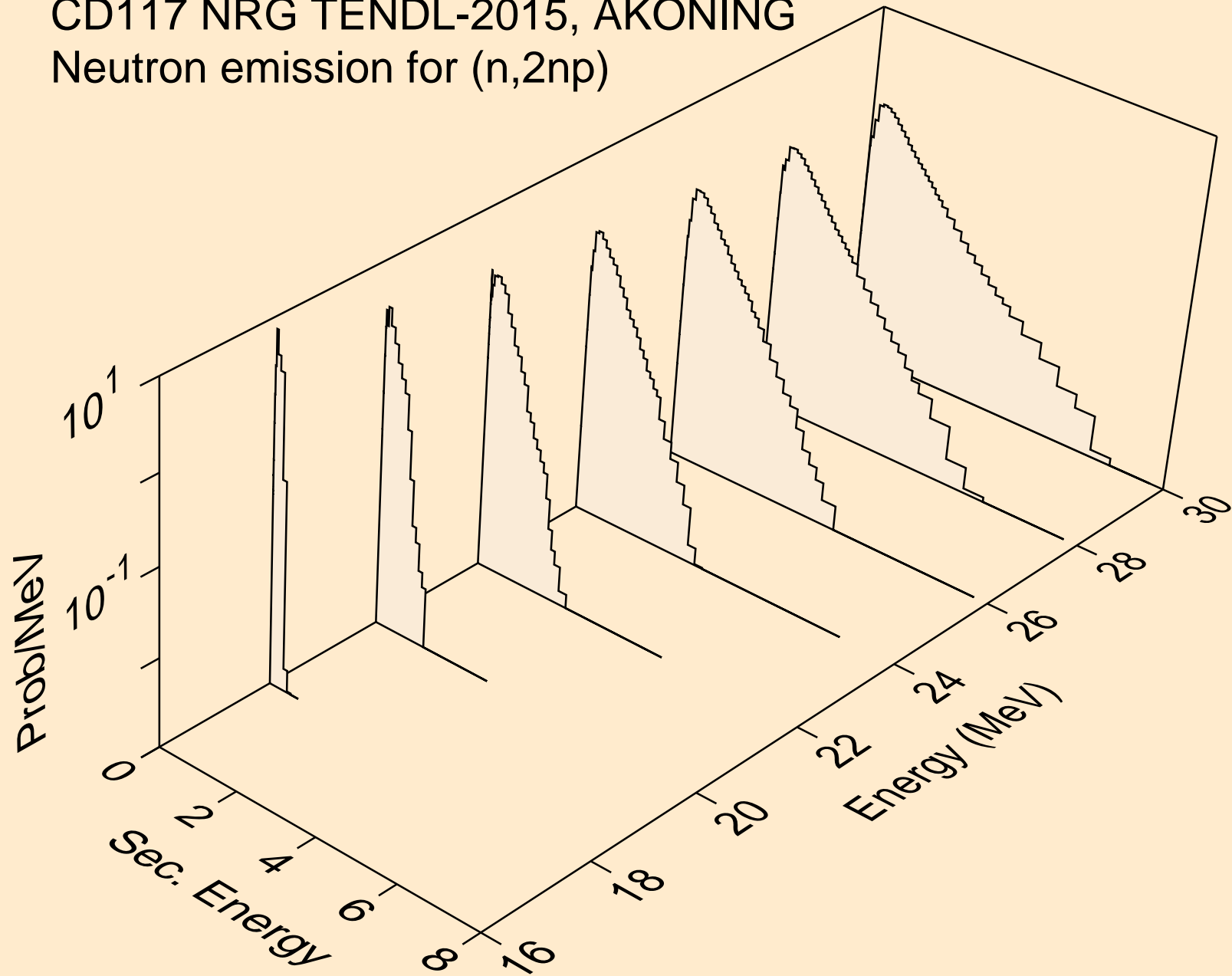


CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

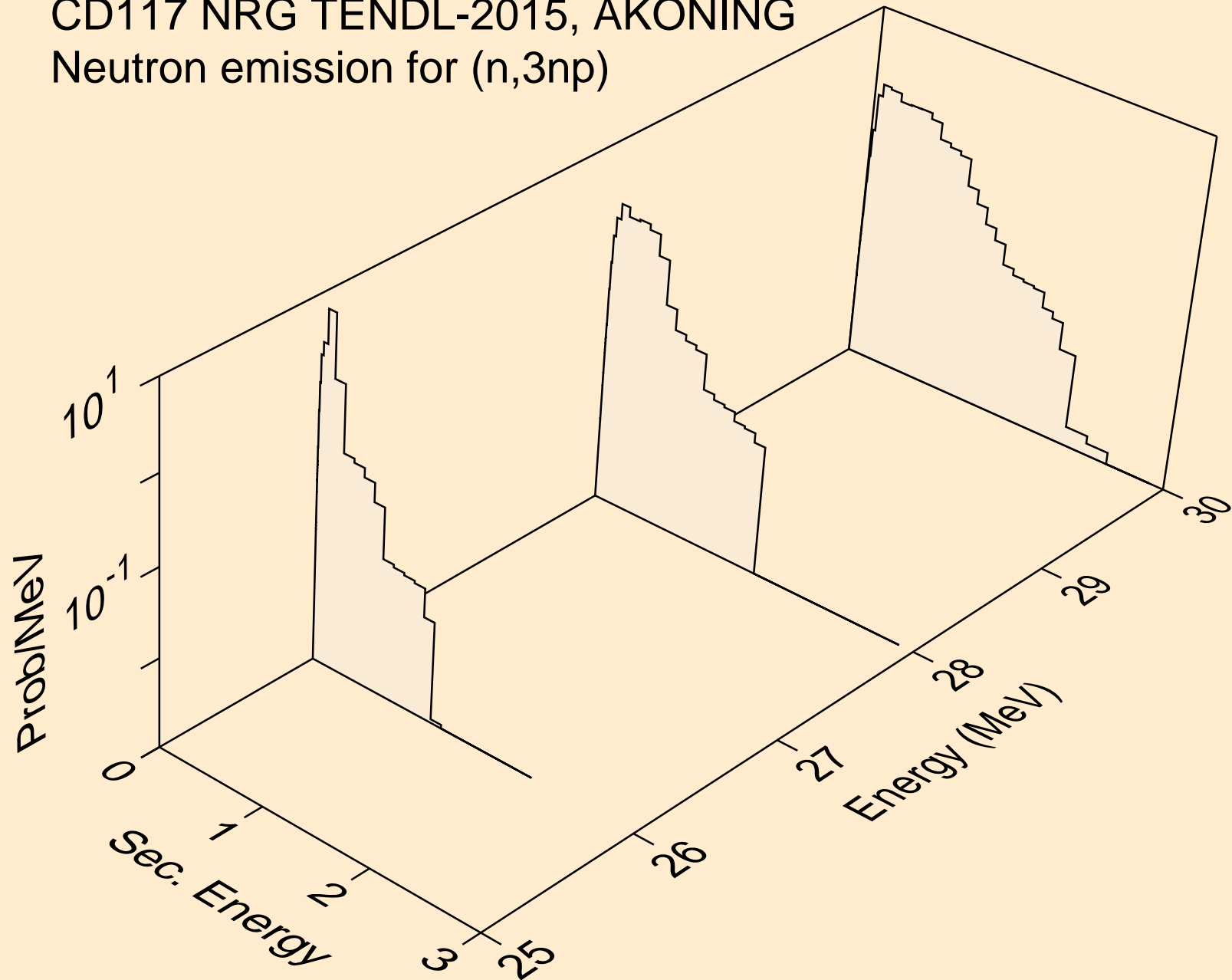




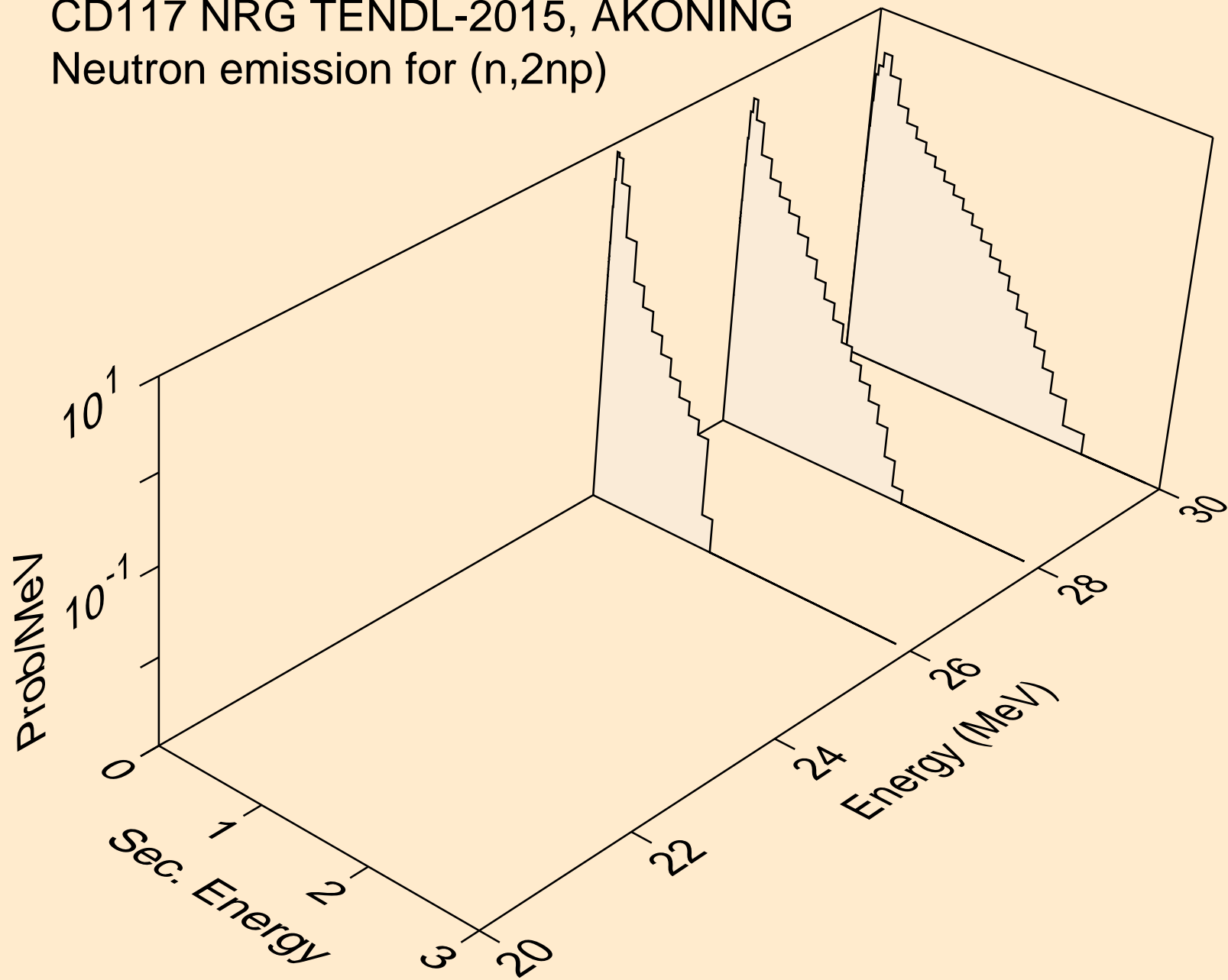
CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



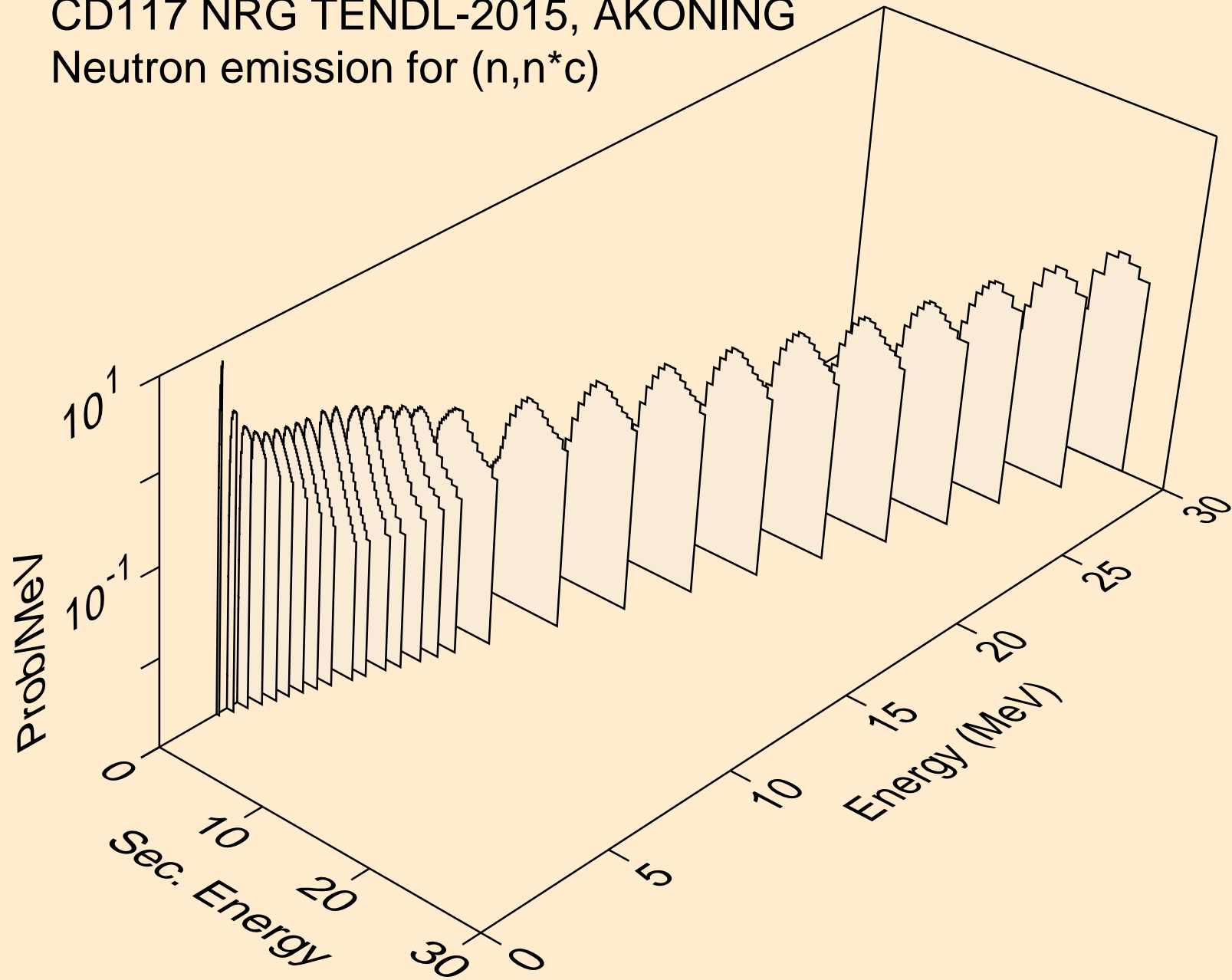
CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



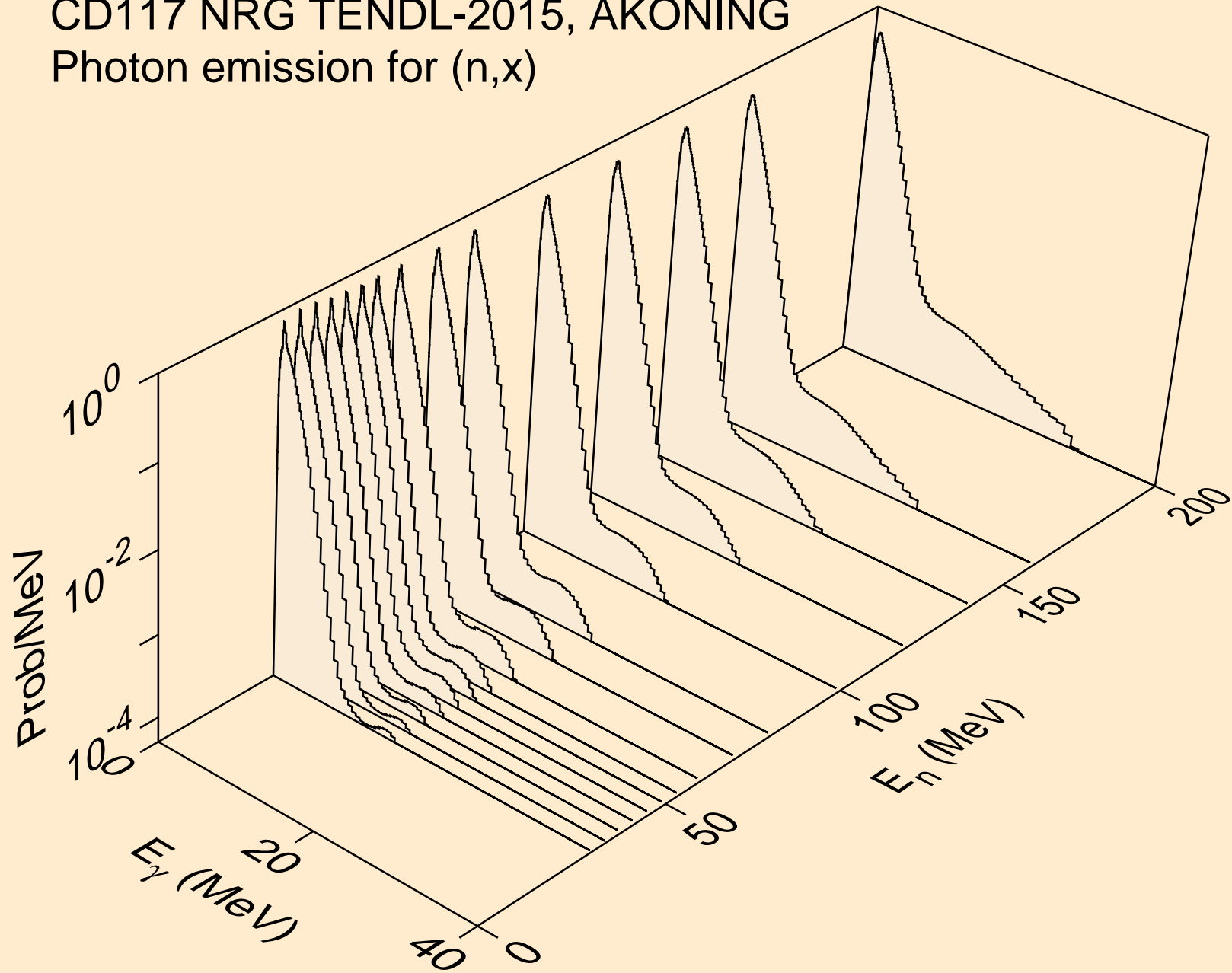
CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



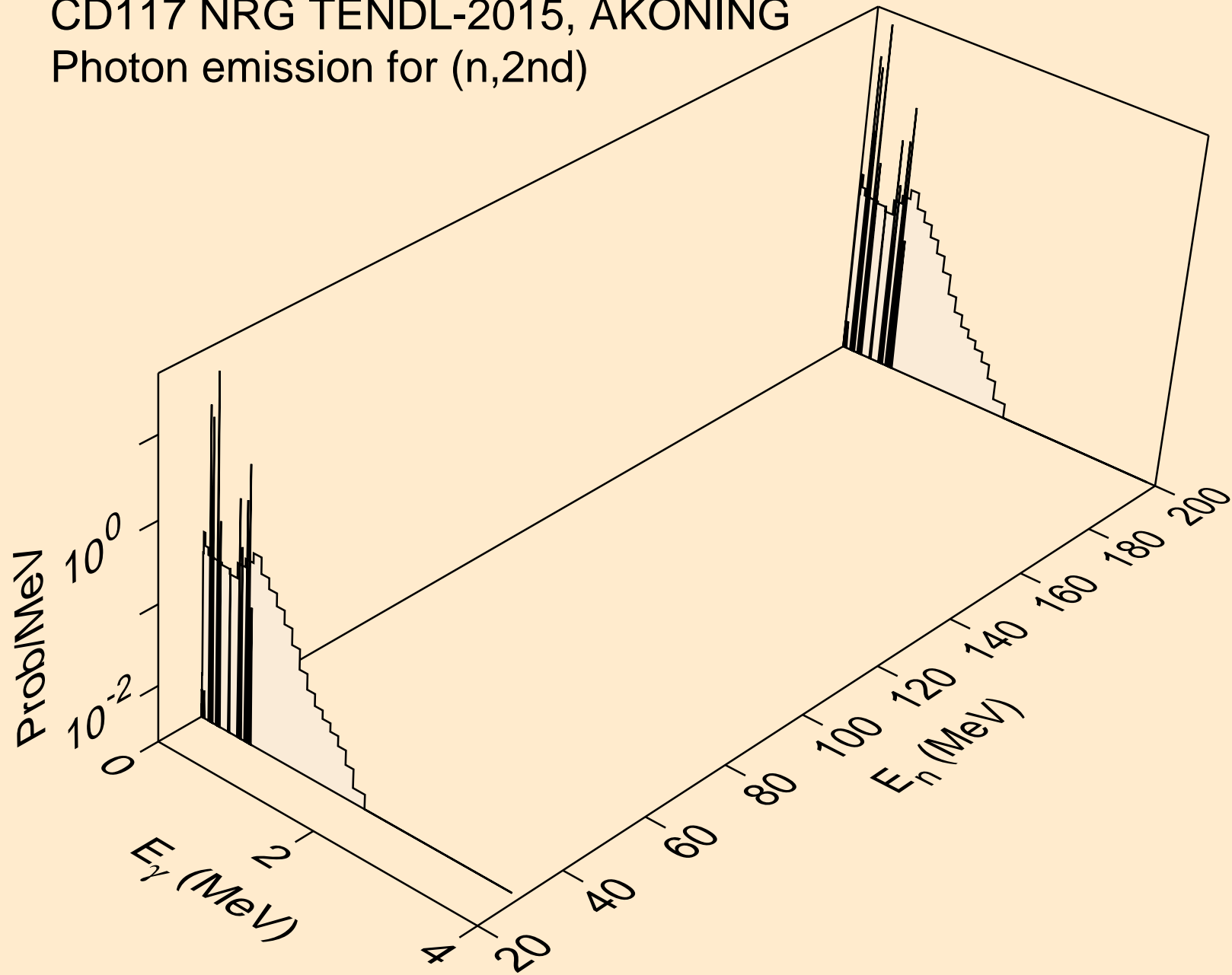
CD117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



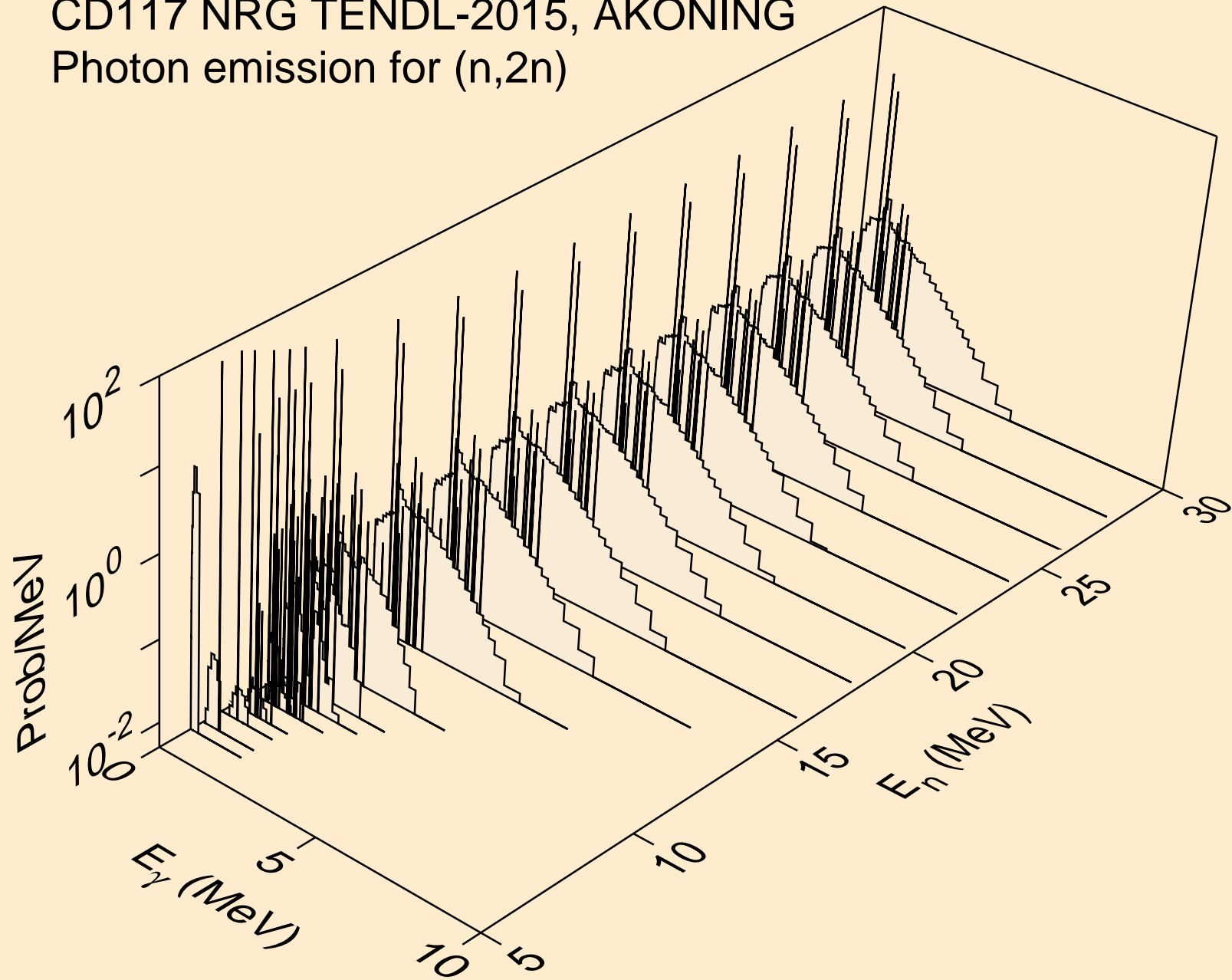
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



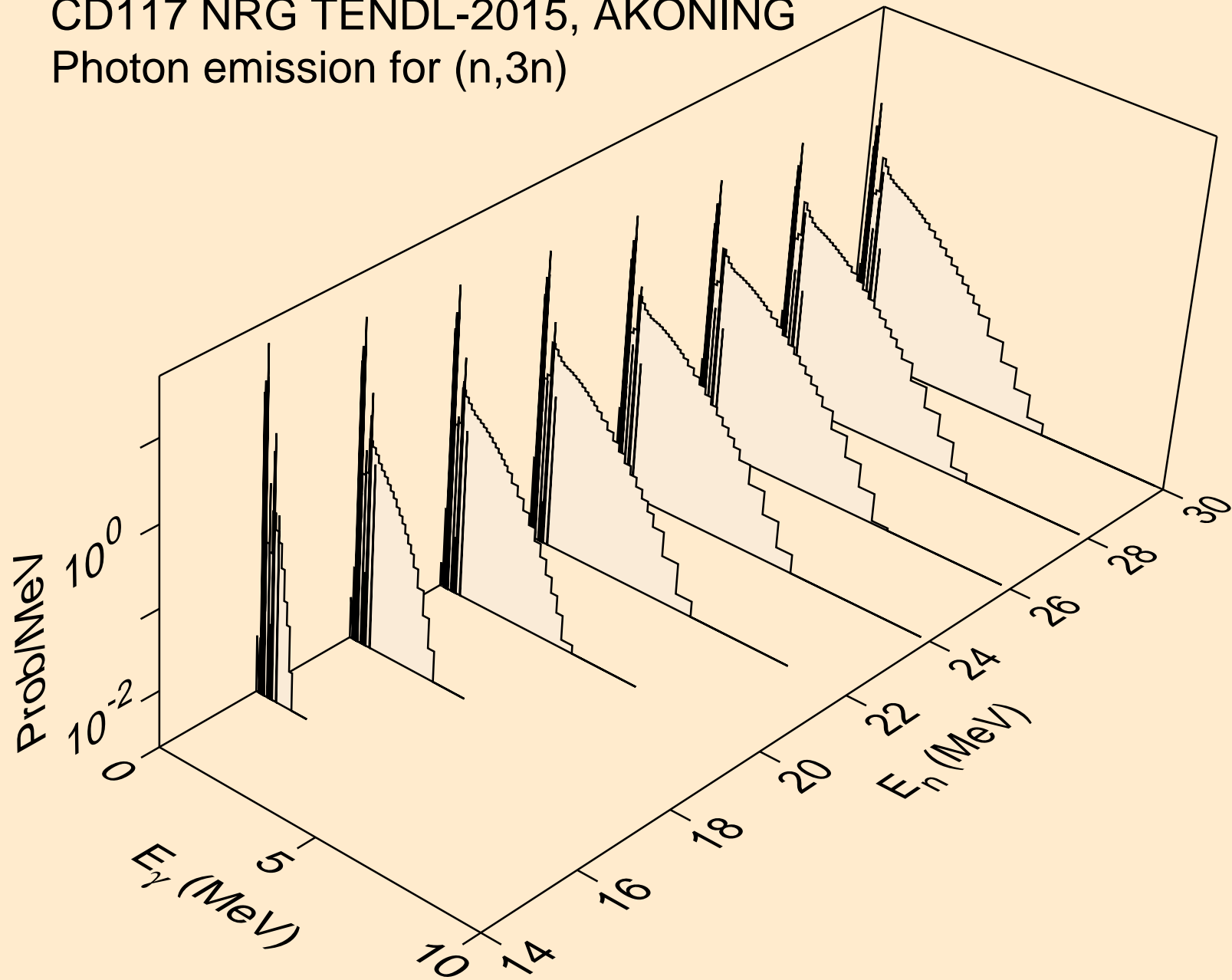
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

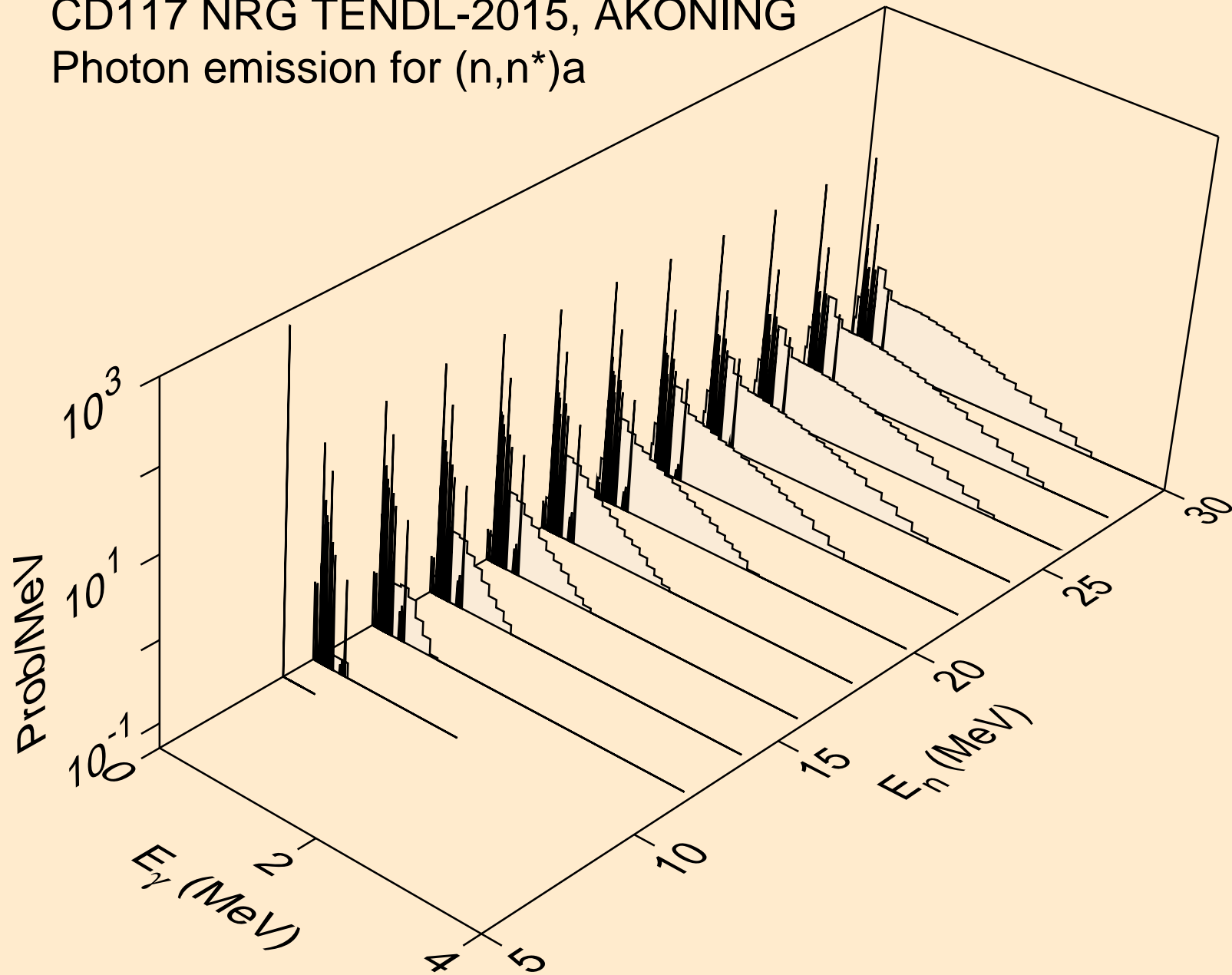


CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

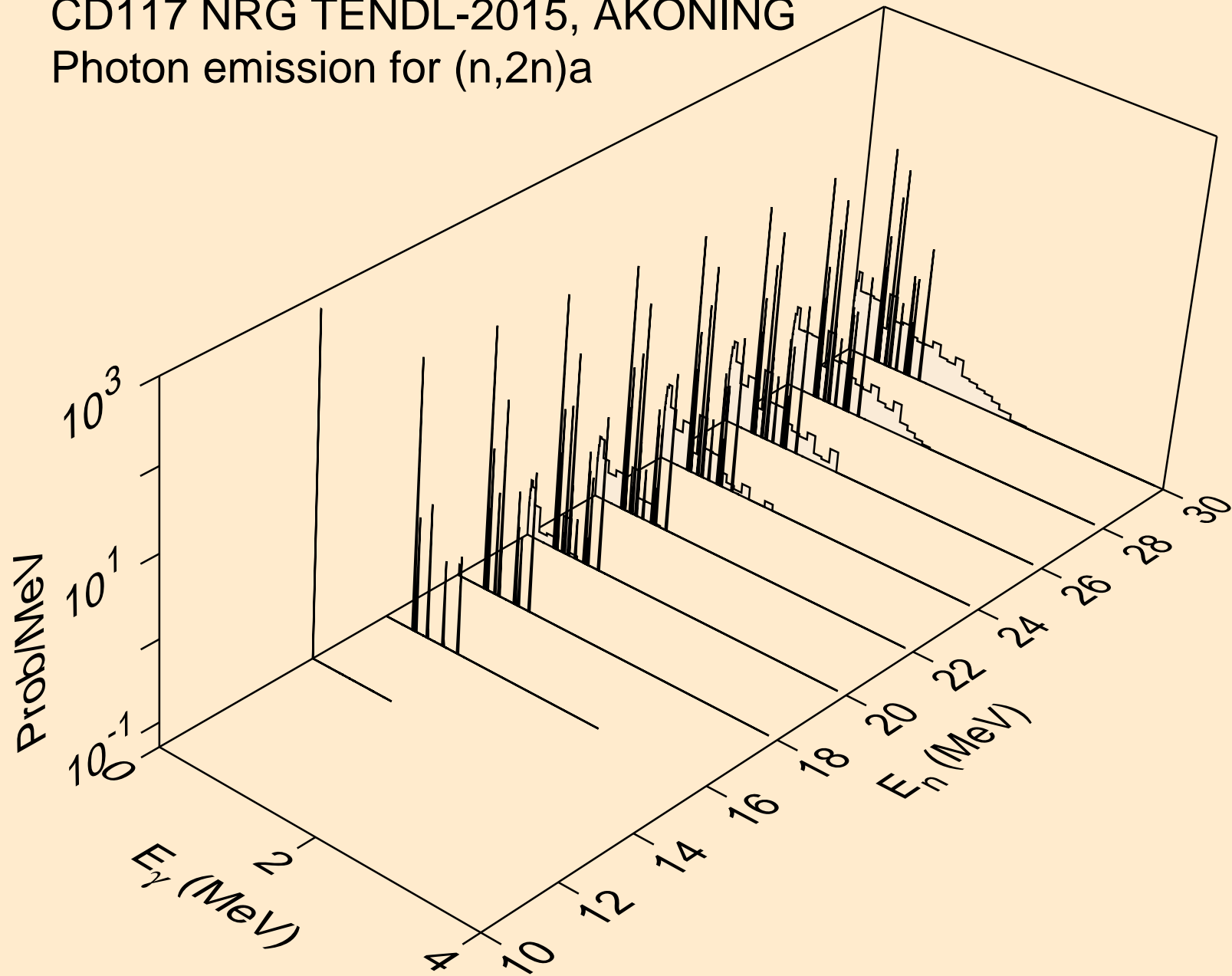




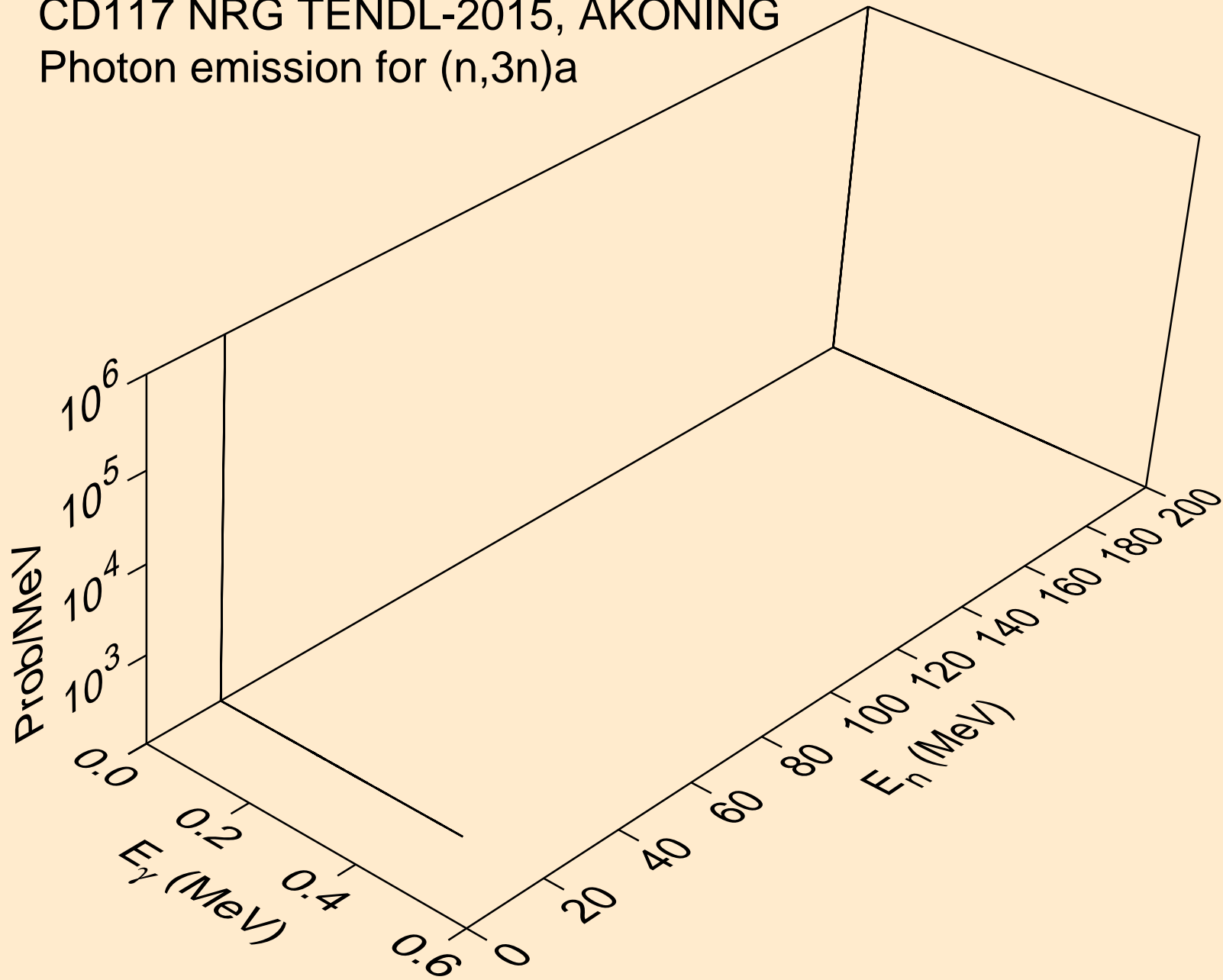
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



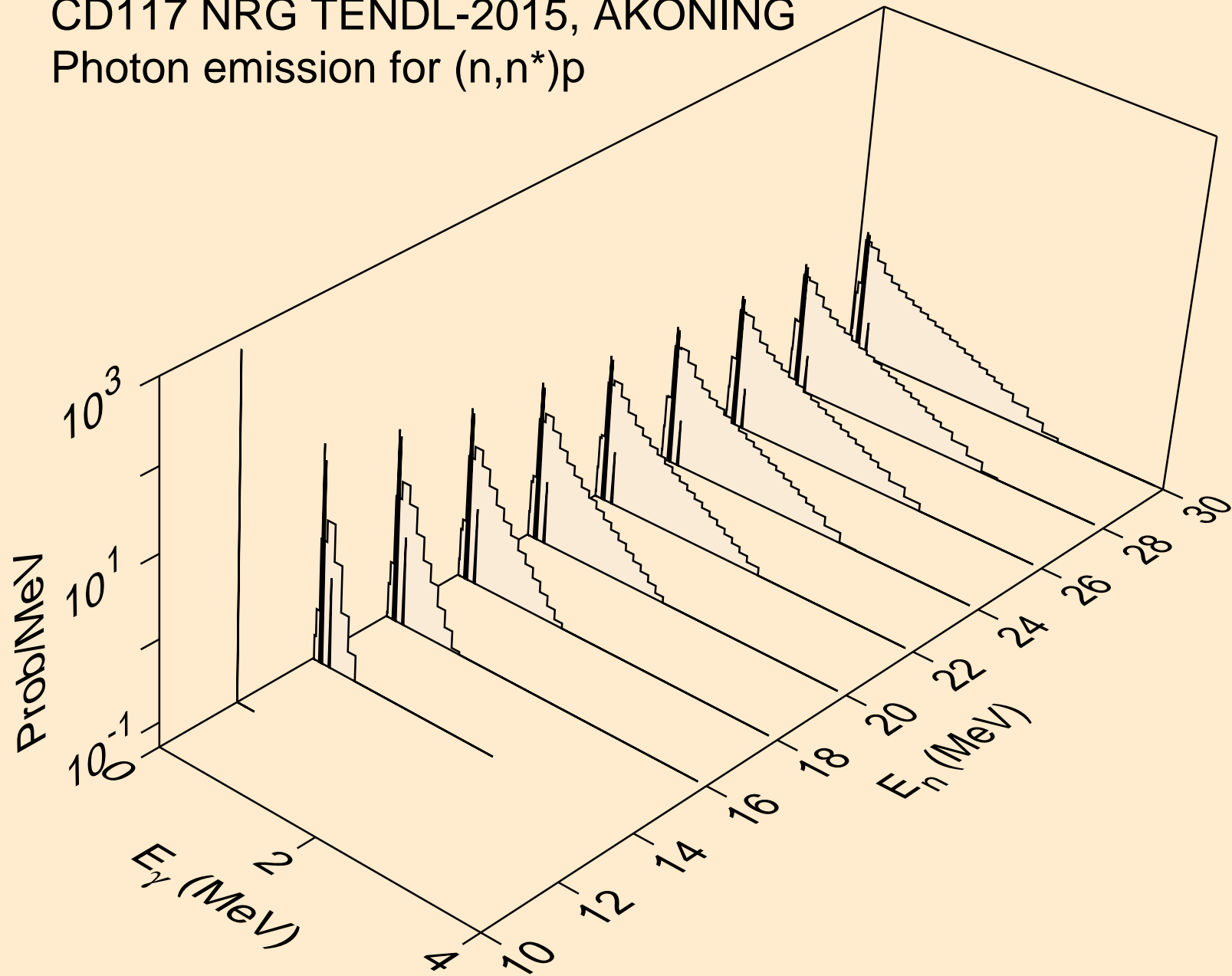
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



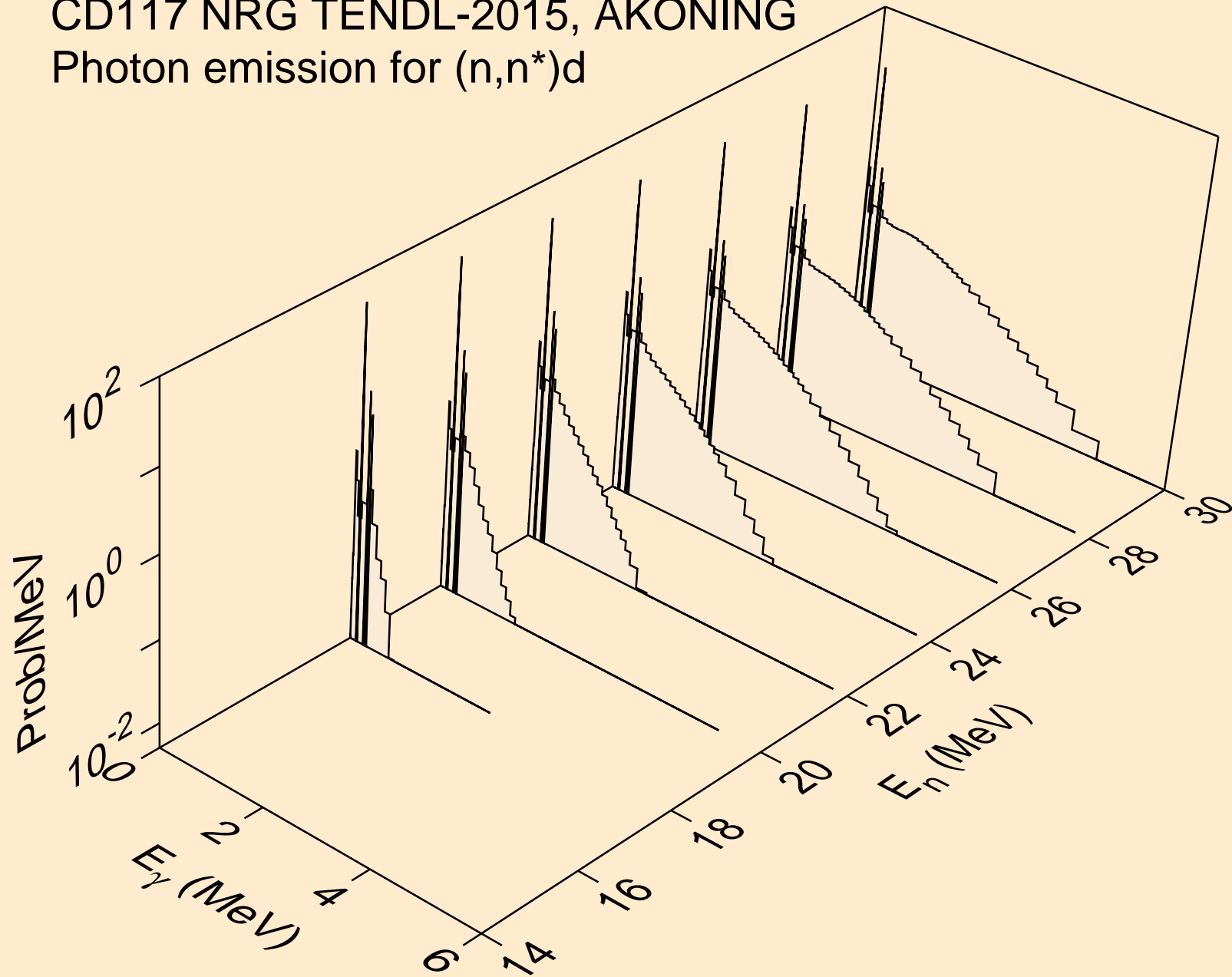
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



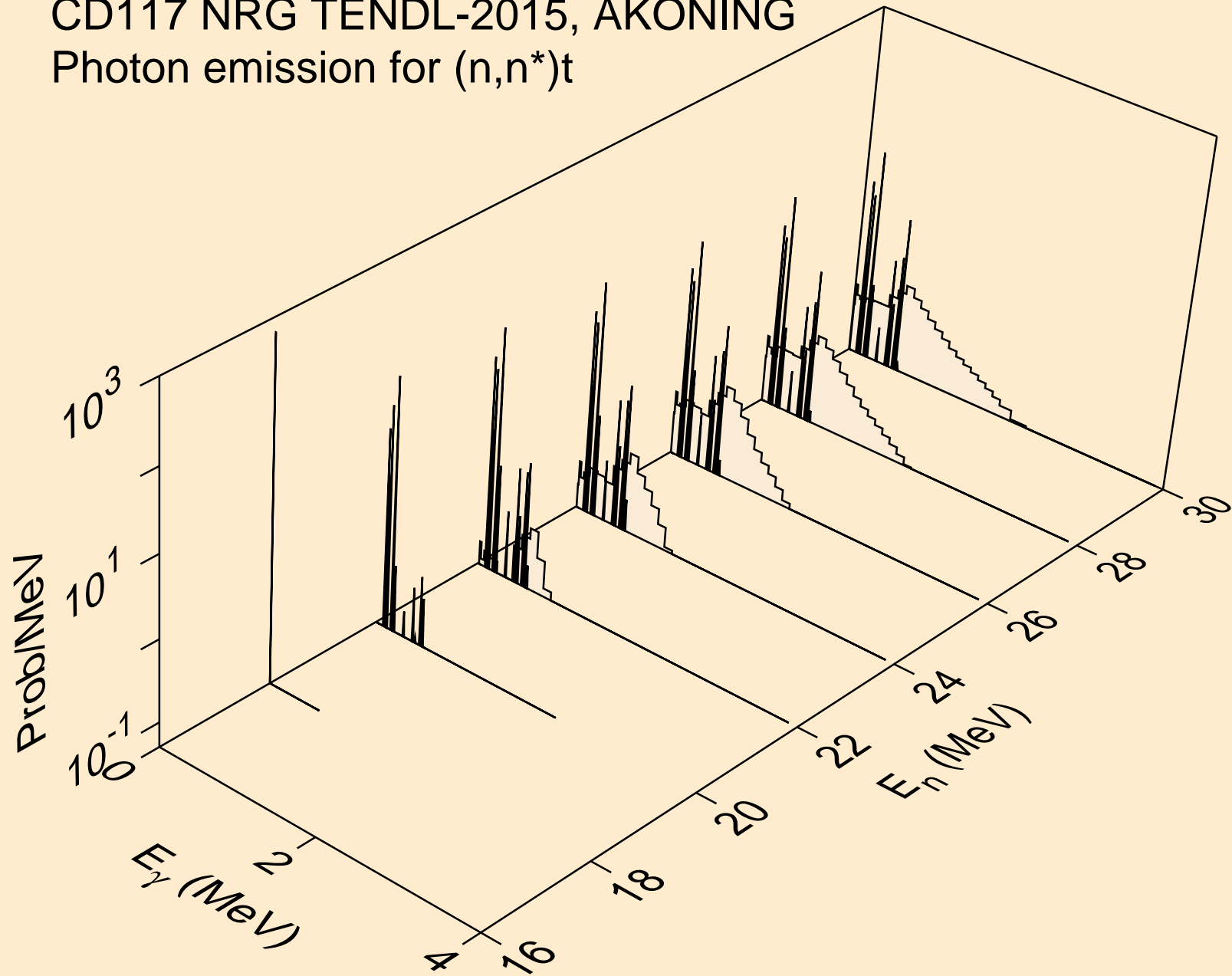
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



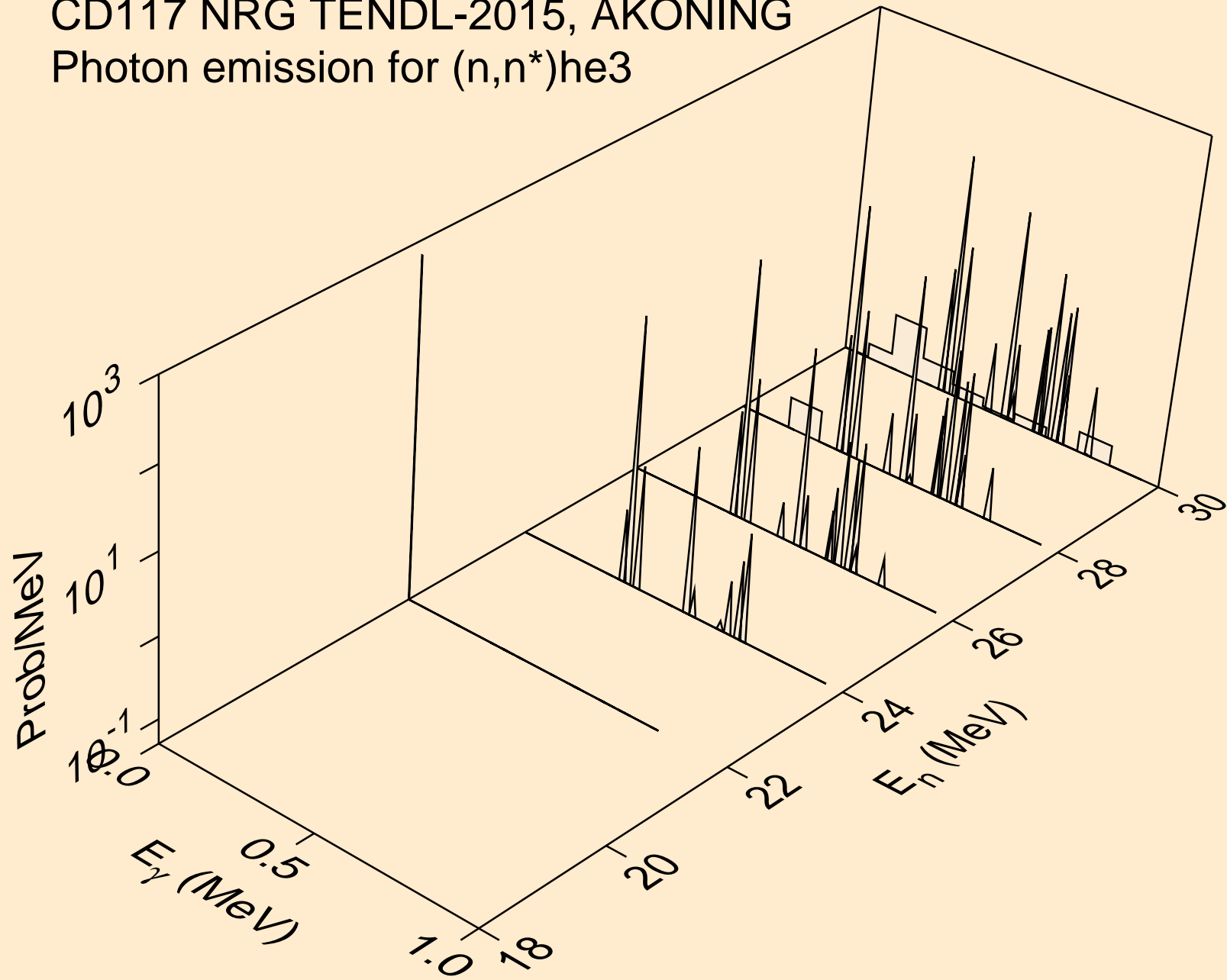
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



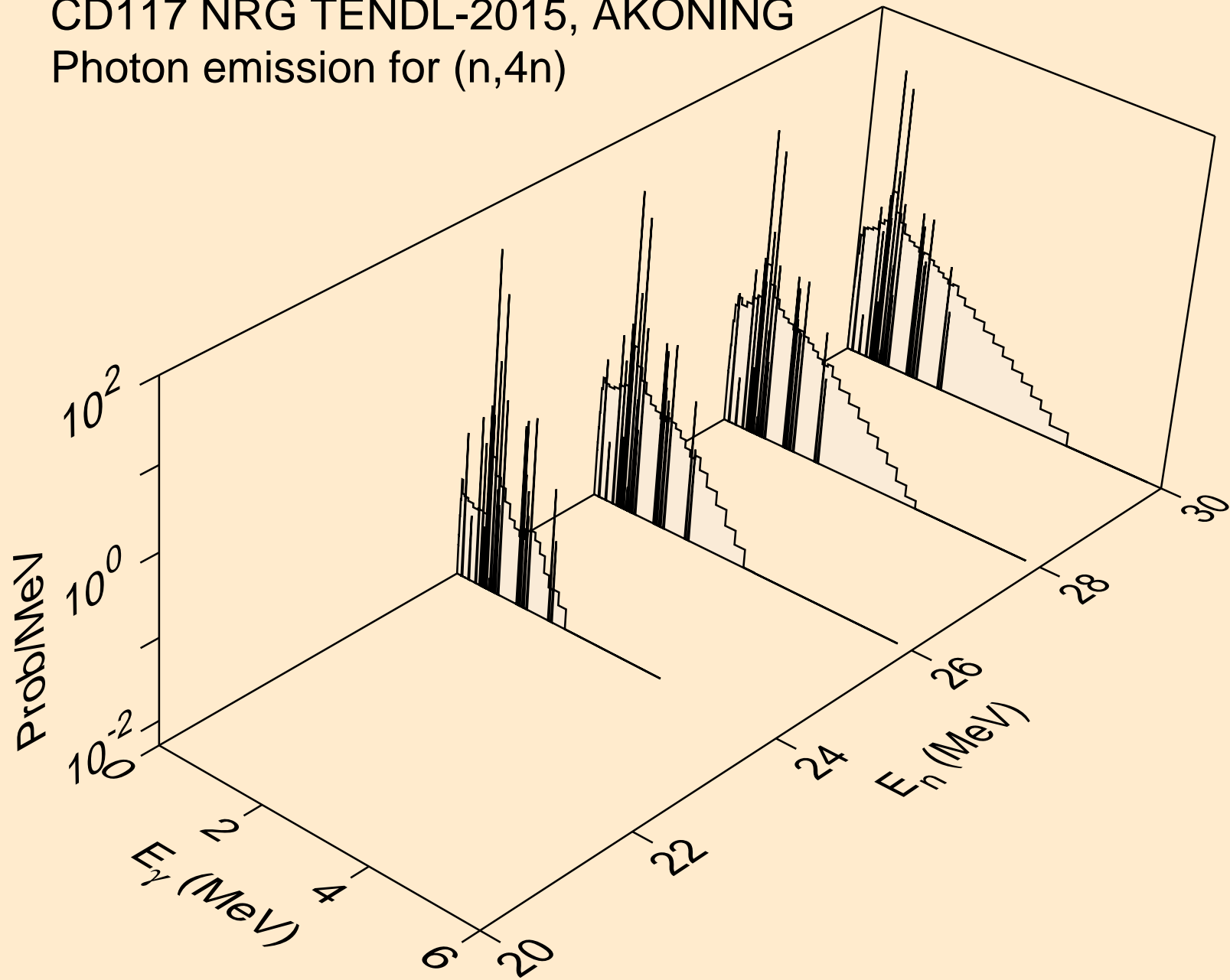
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

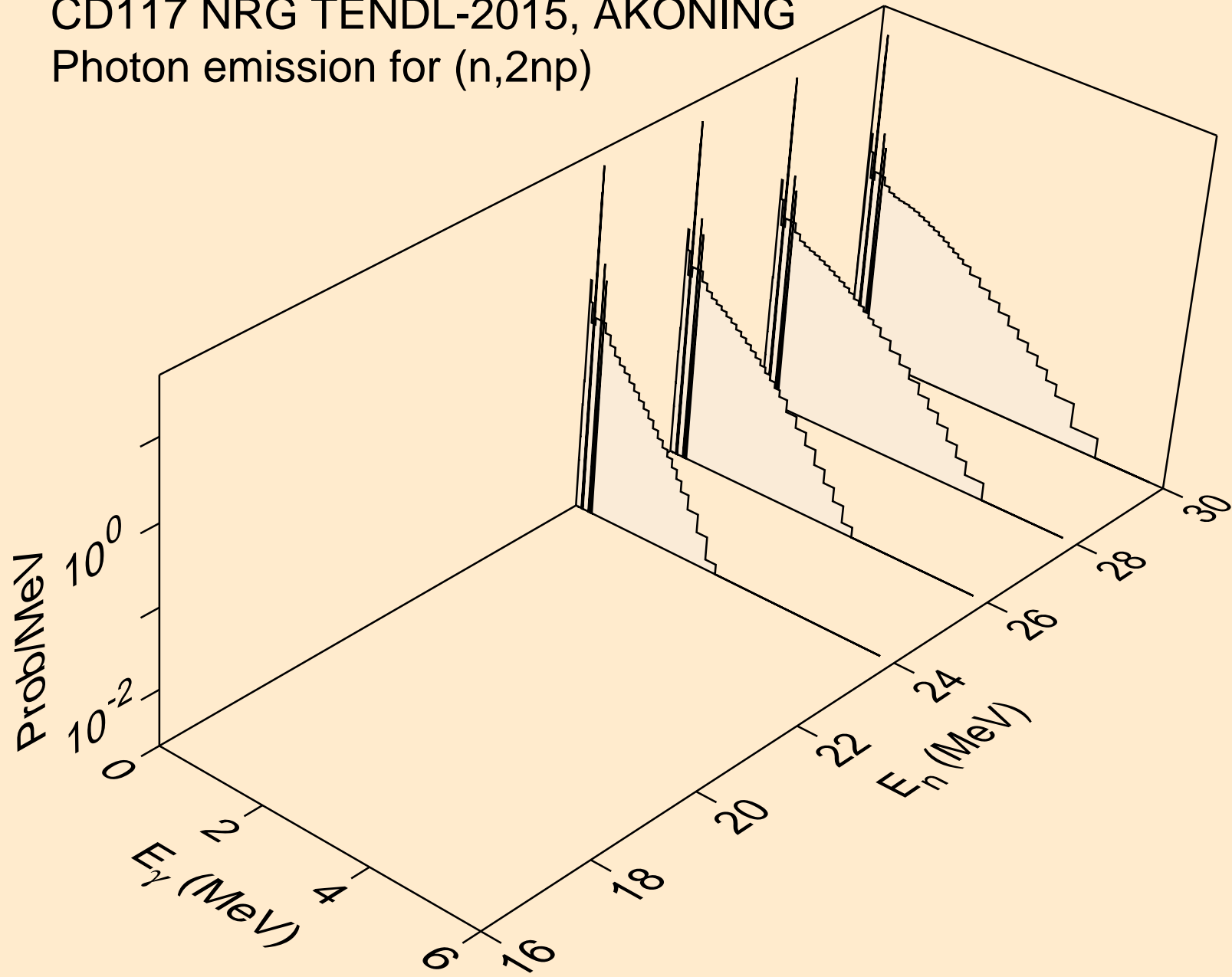


CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

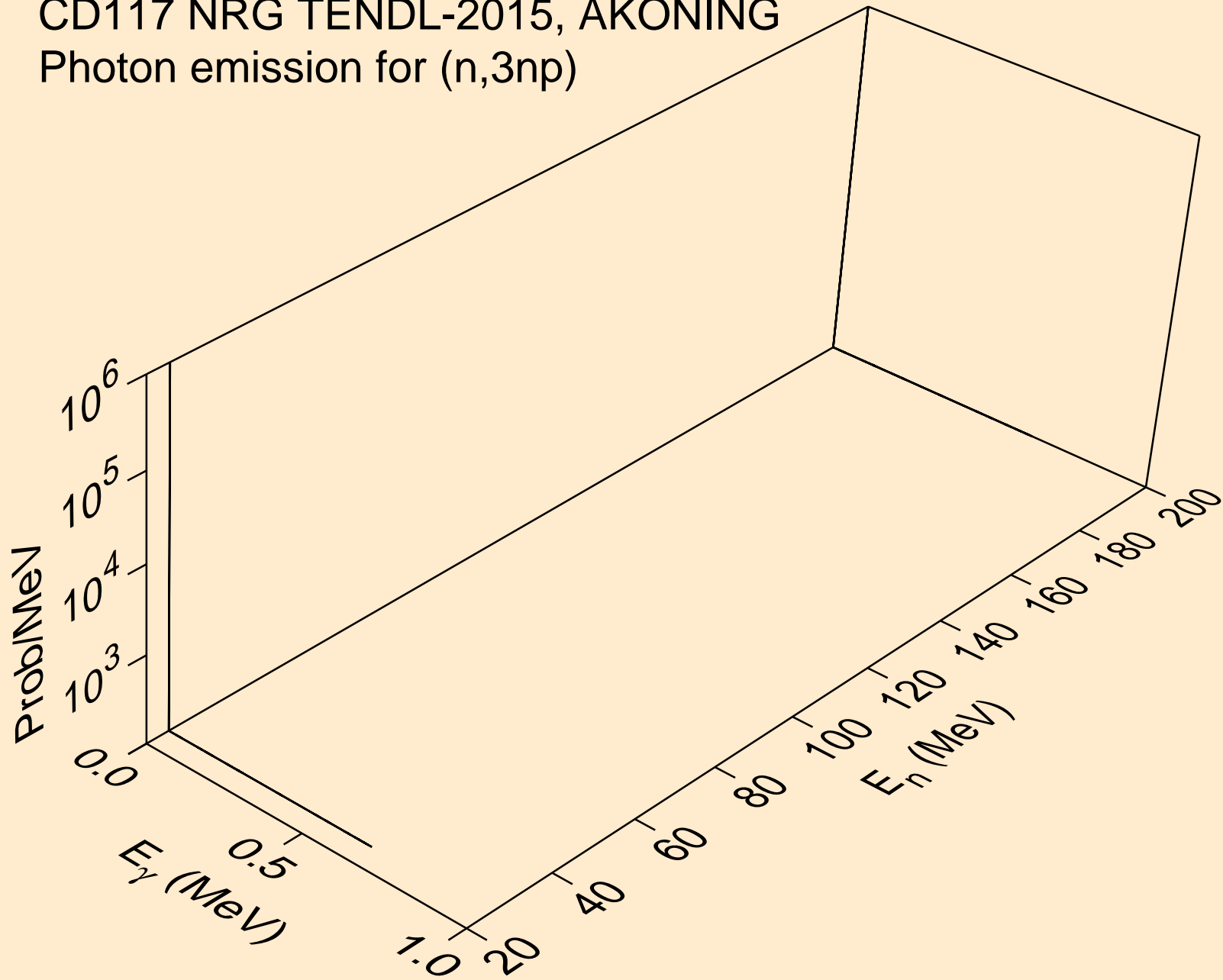




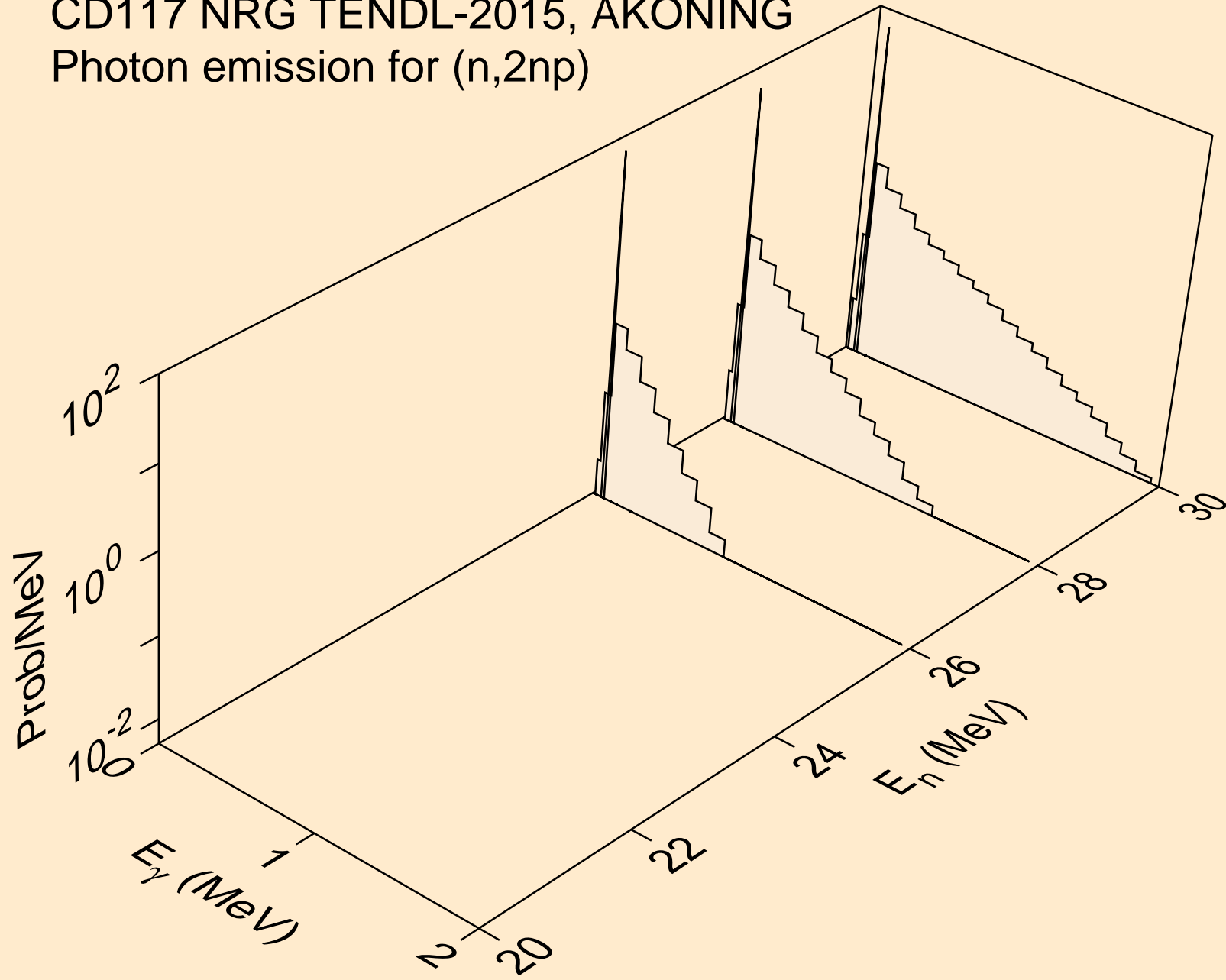
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



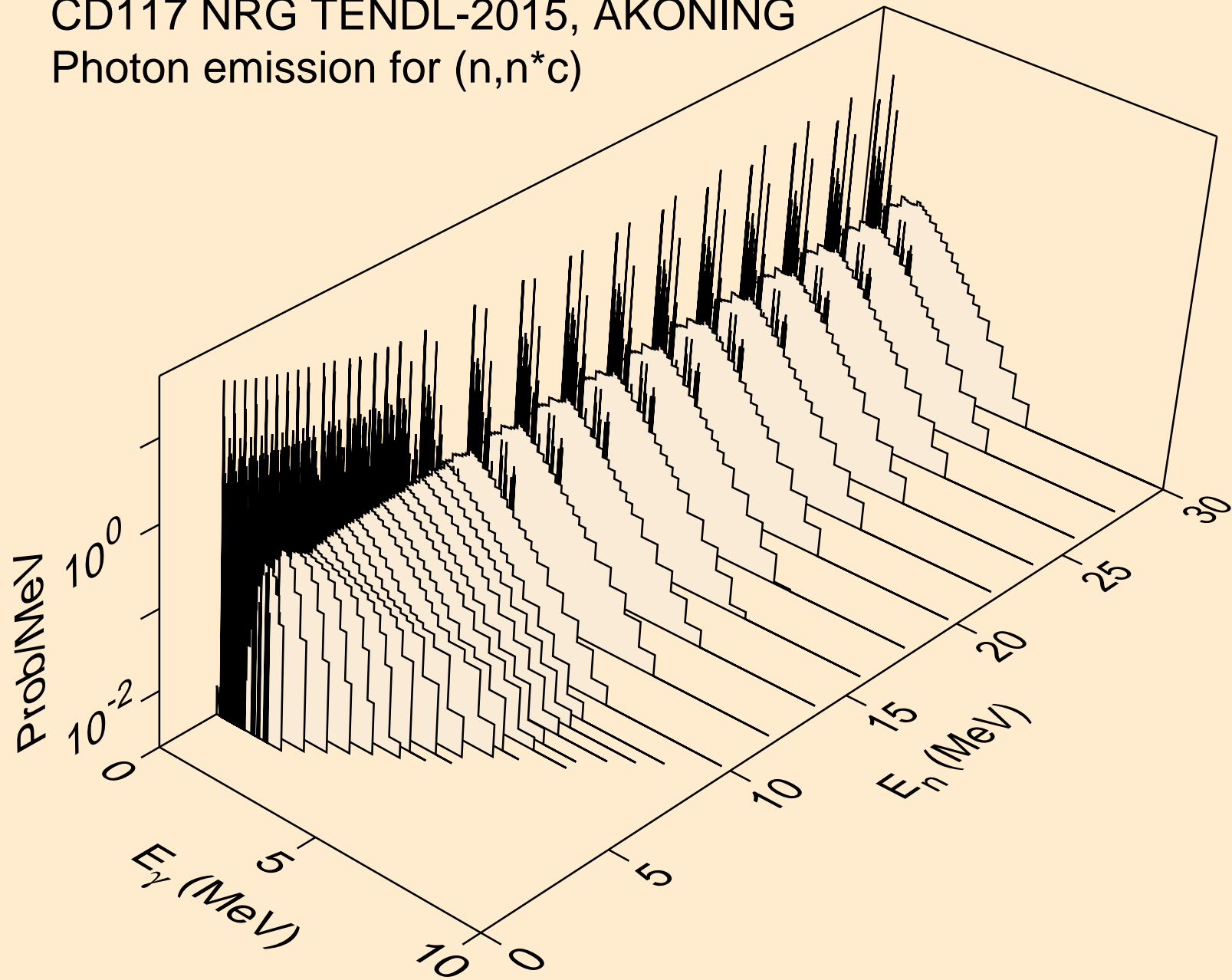
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



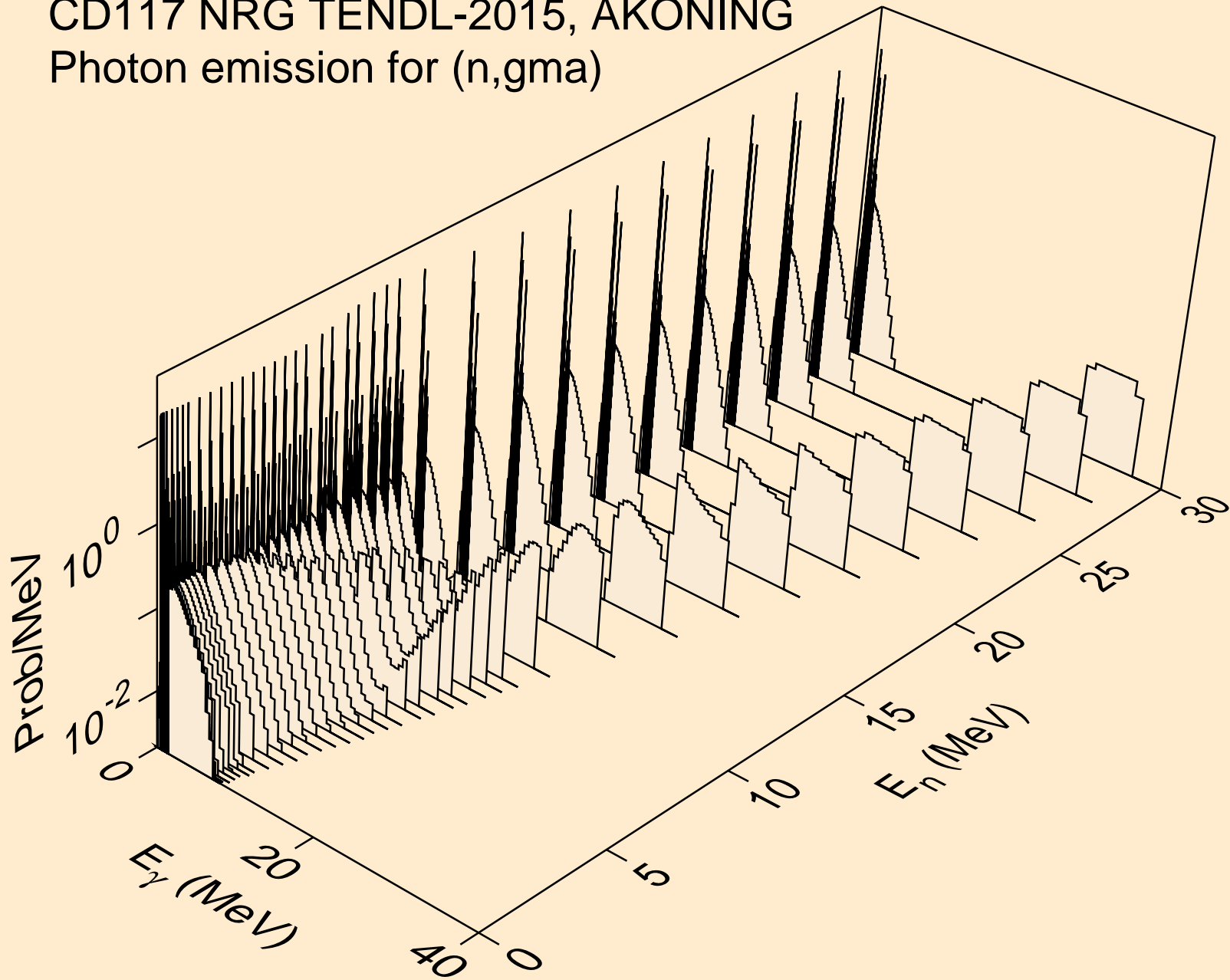
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



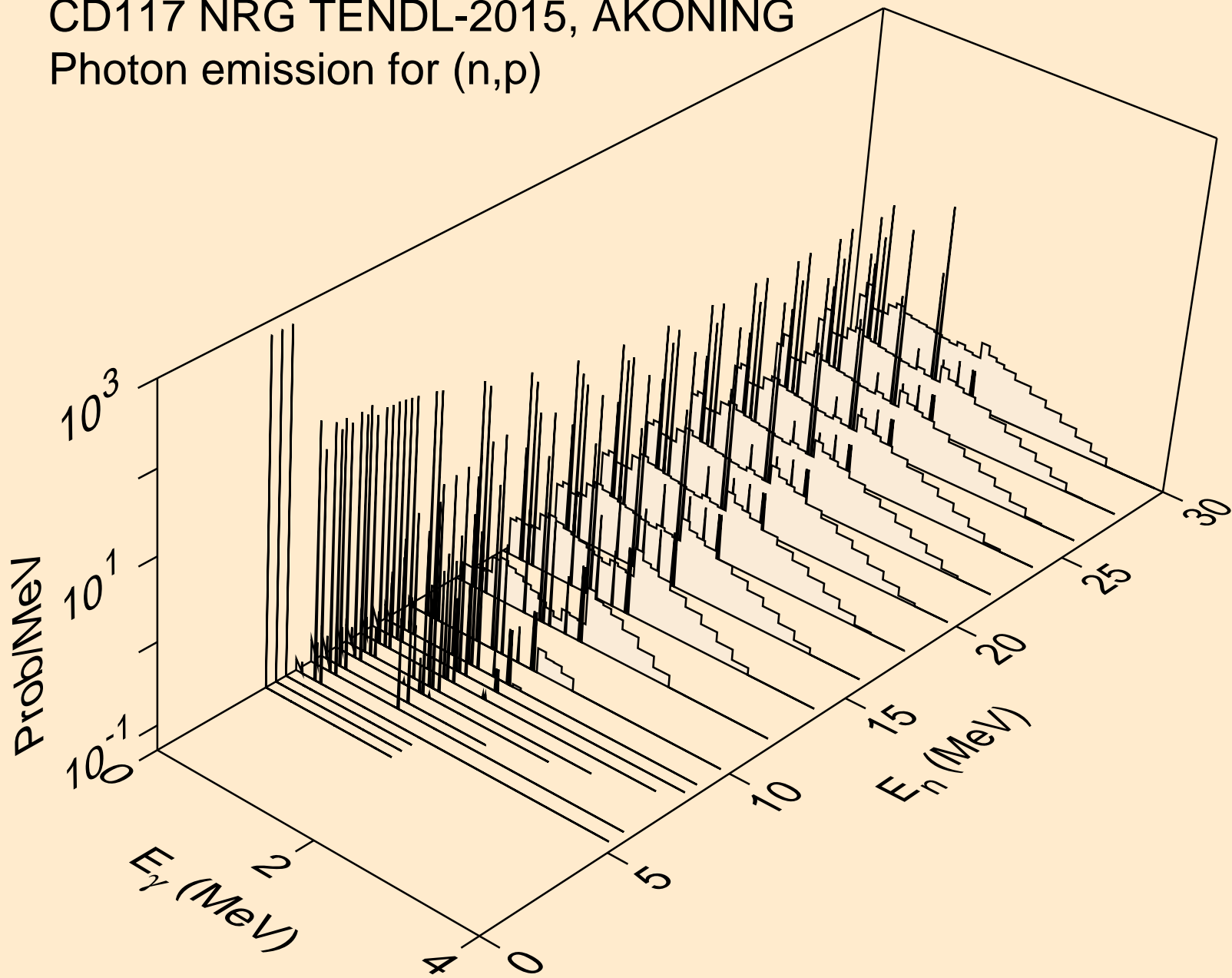
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



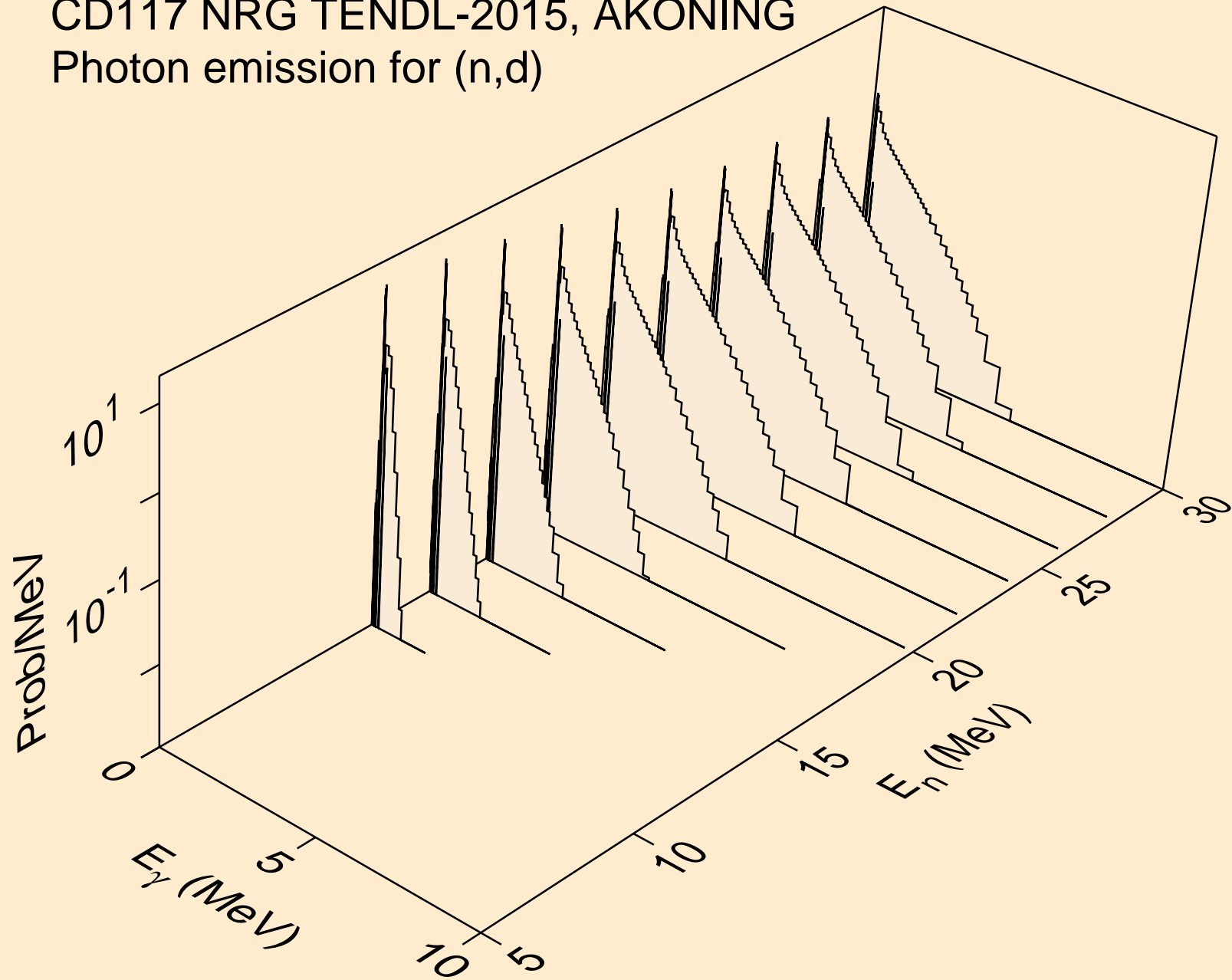
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



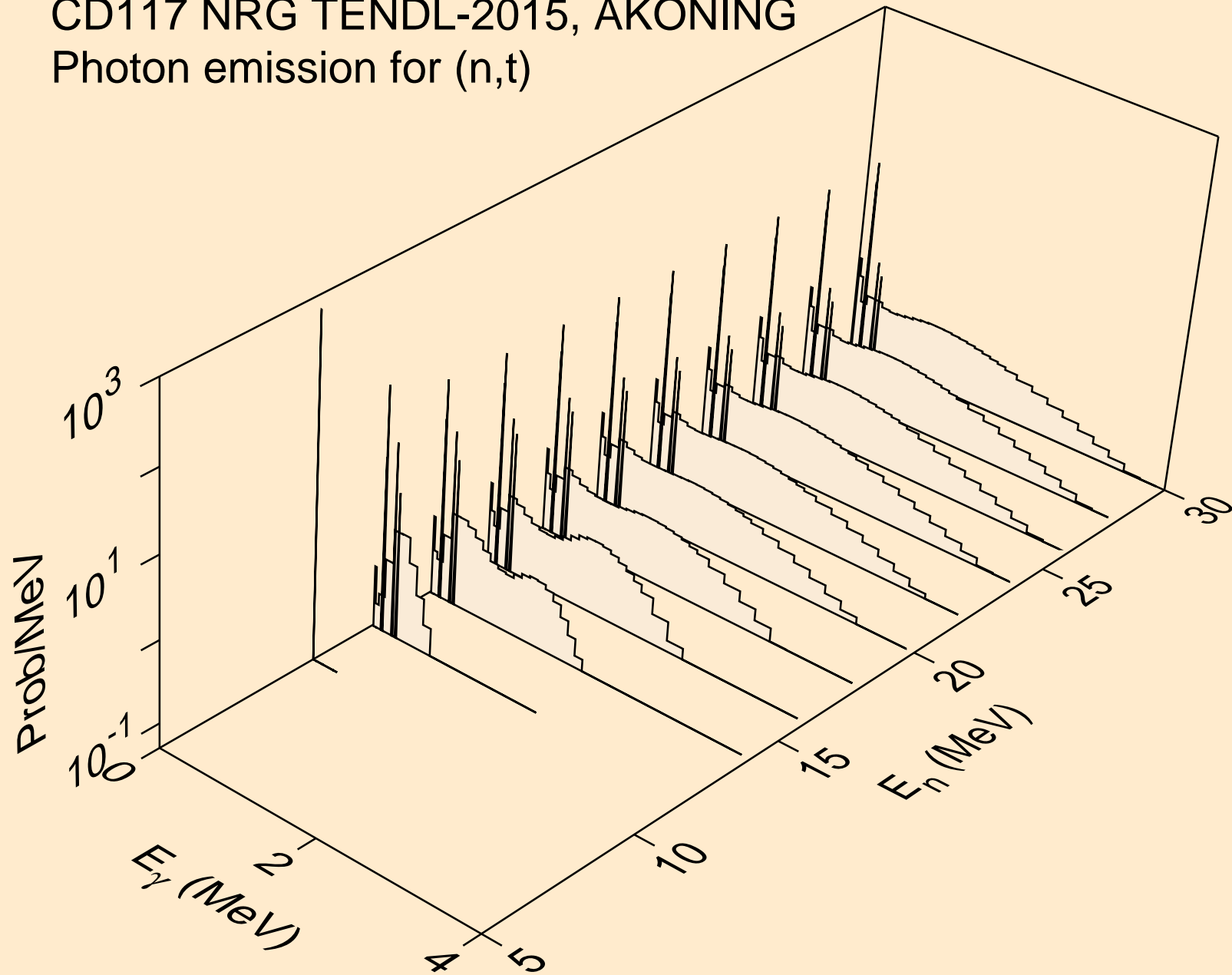
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

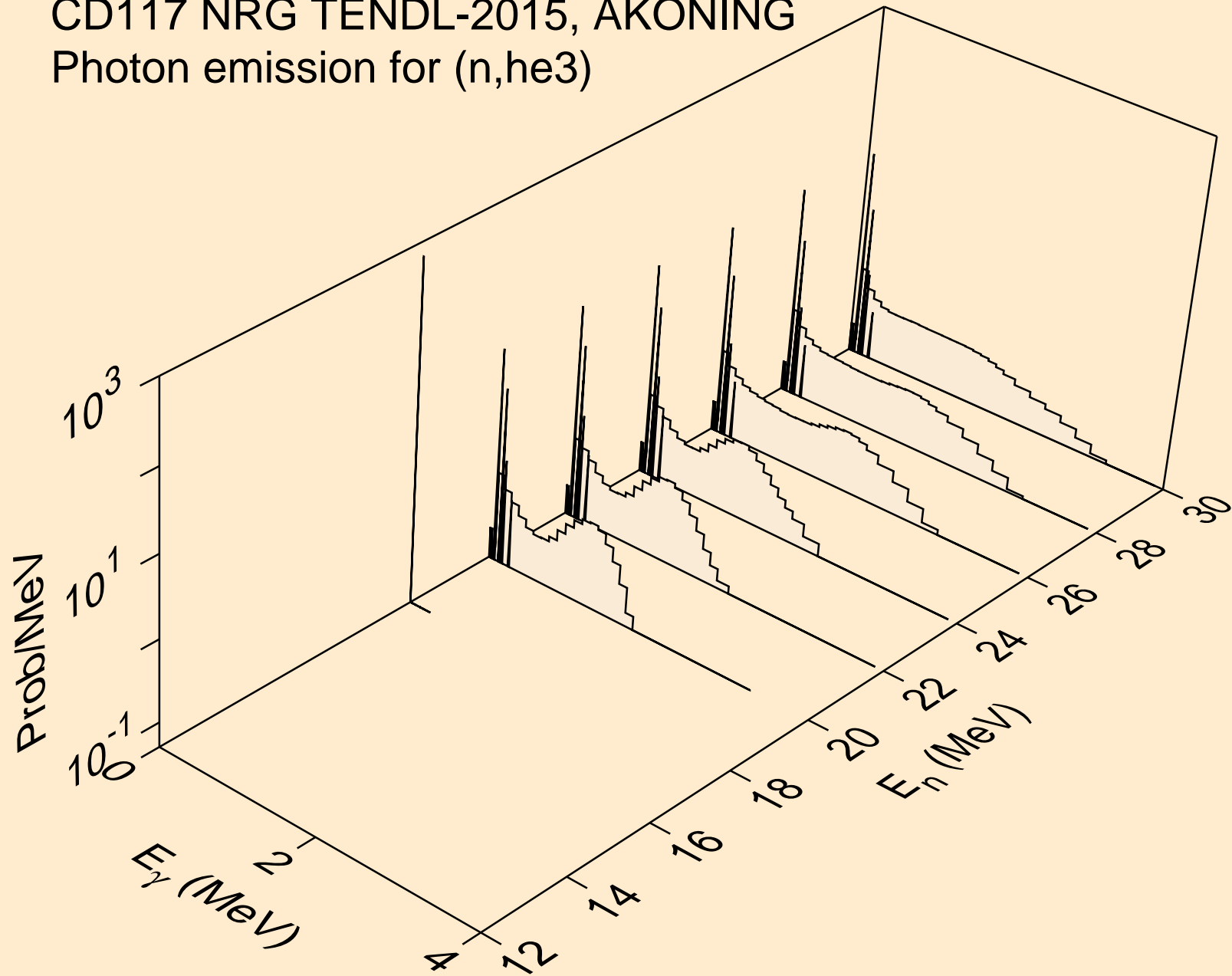


CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

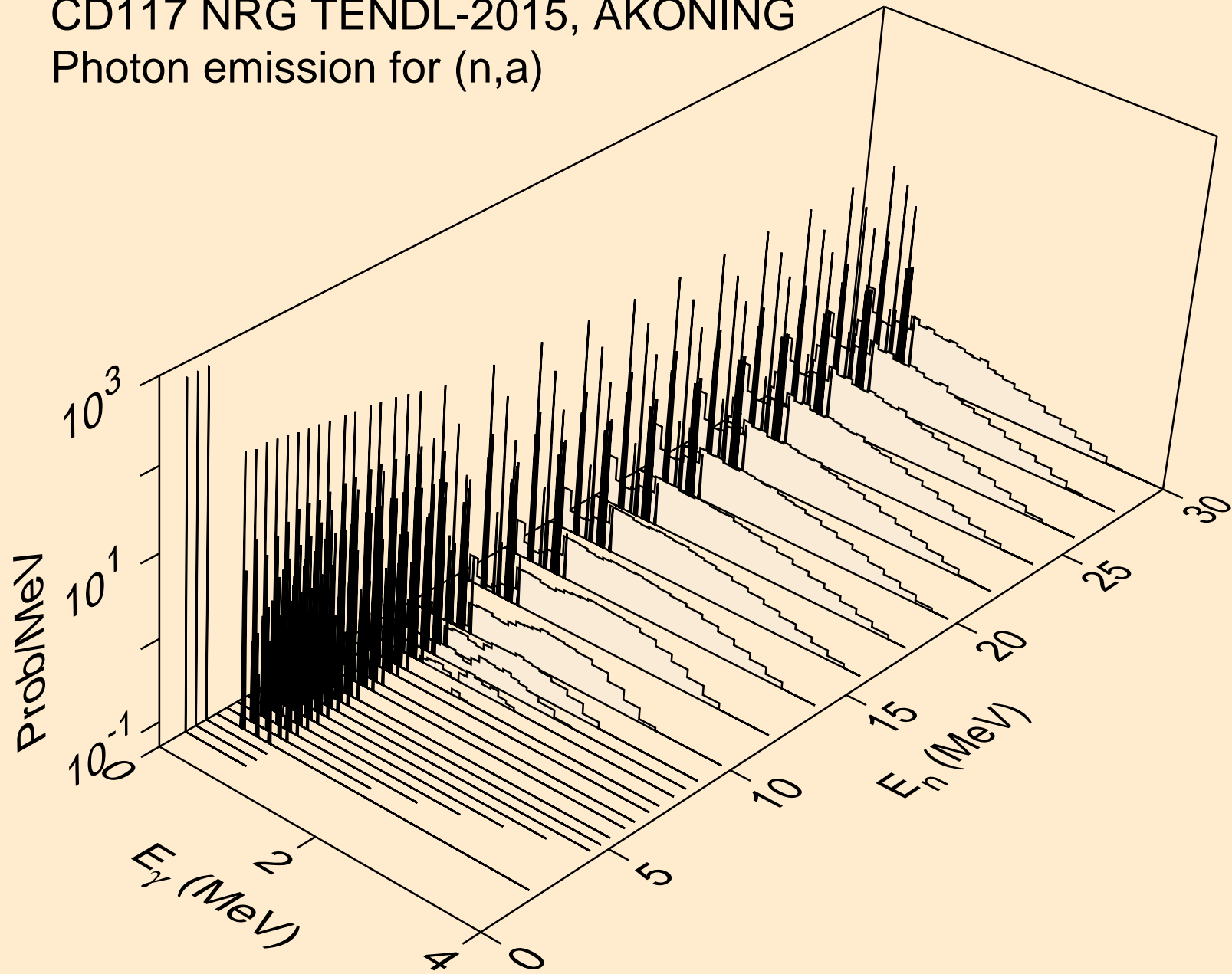




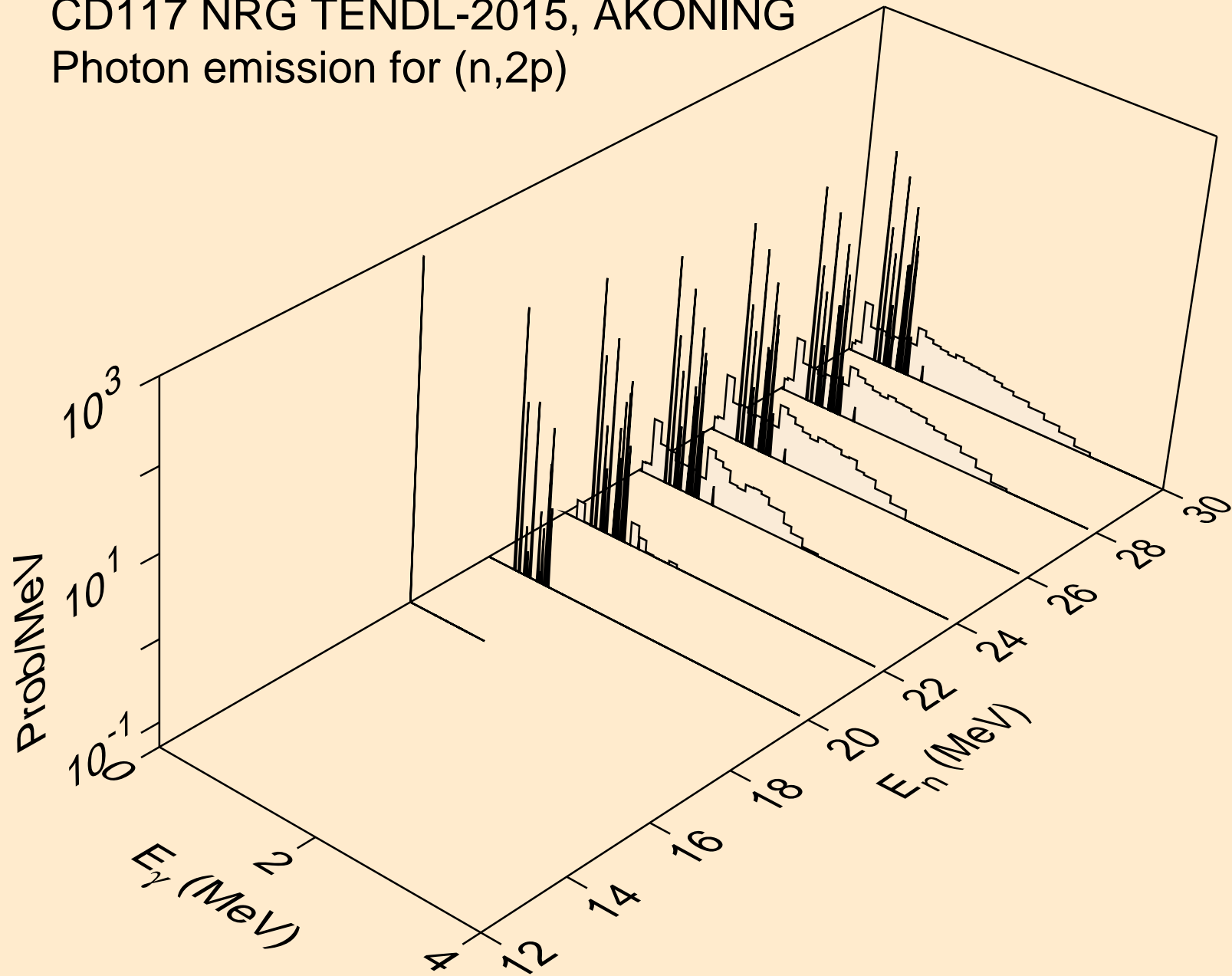
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



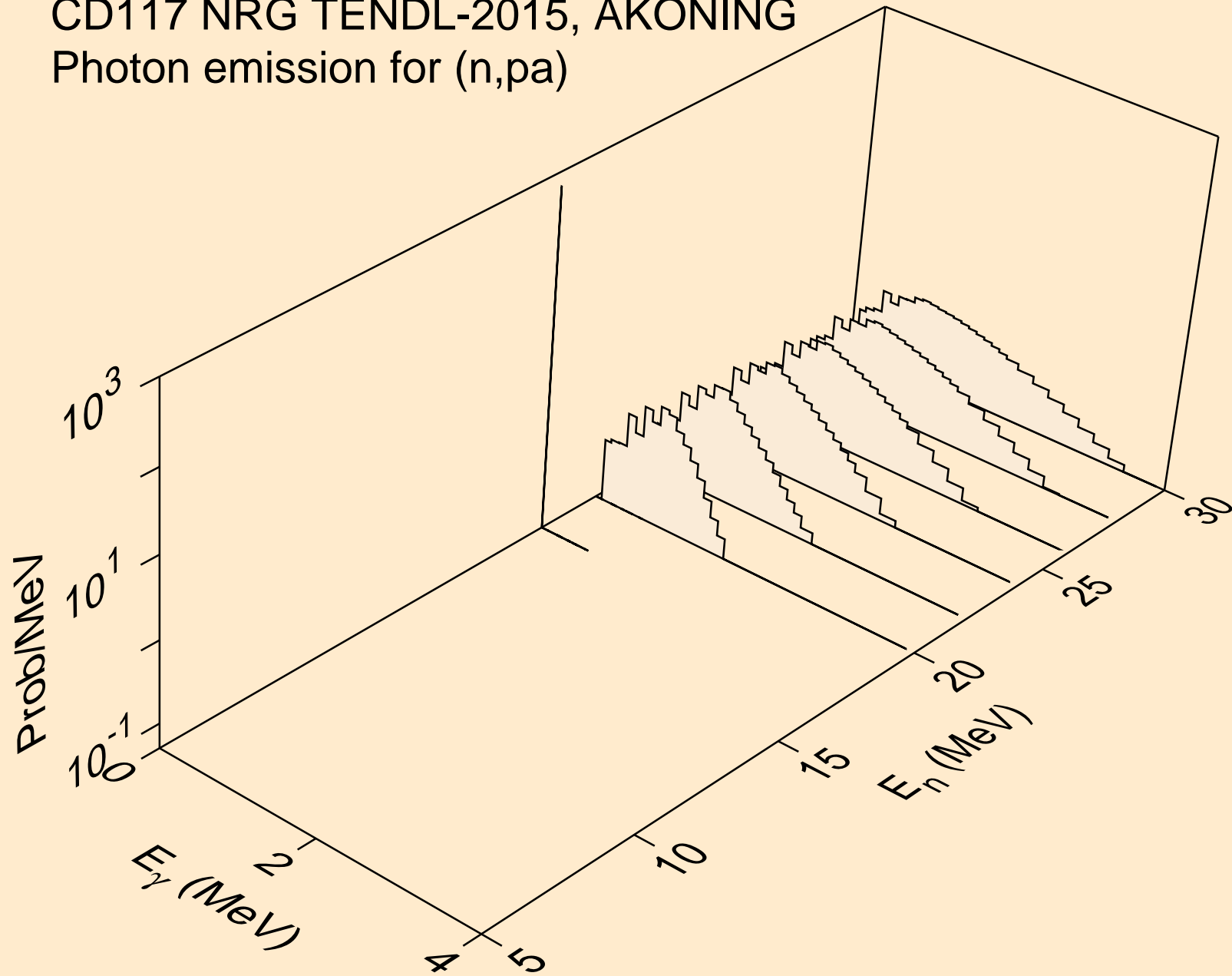
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



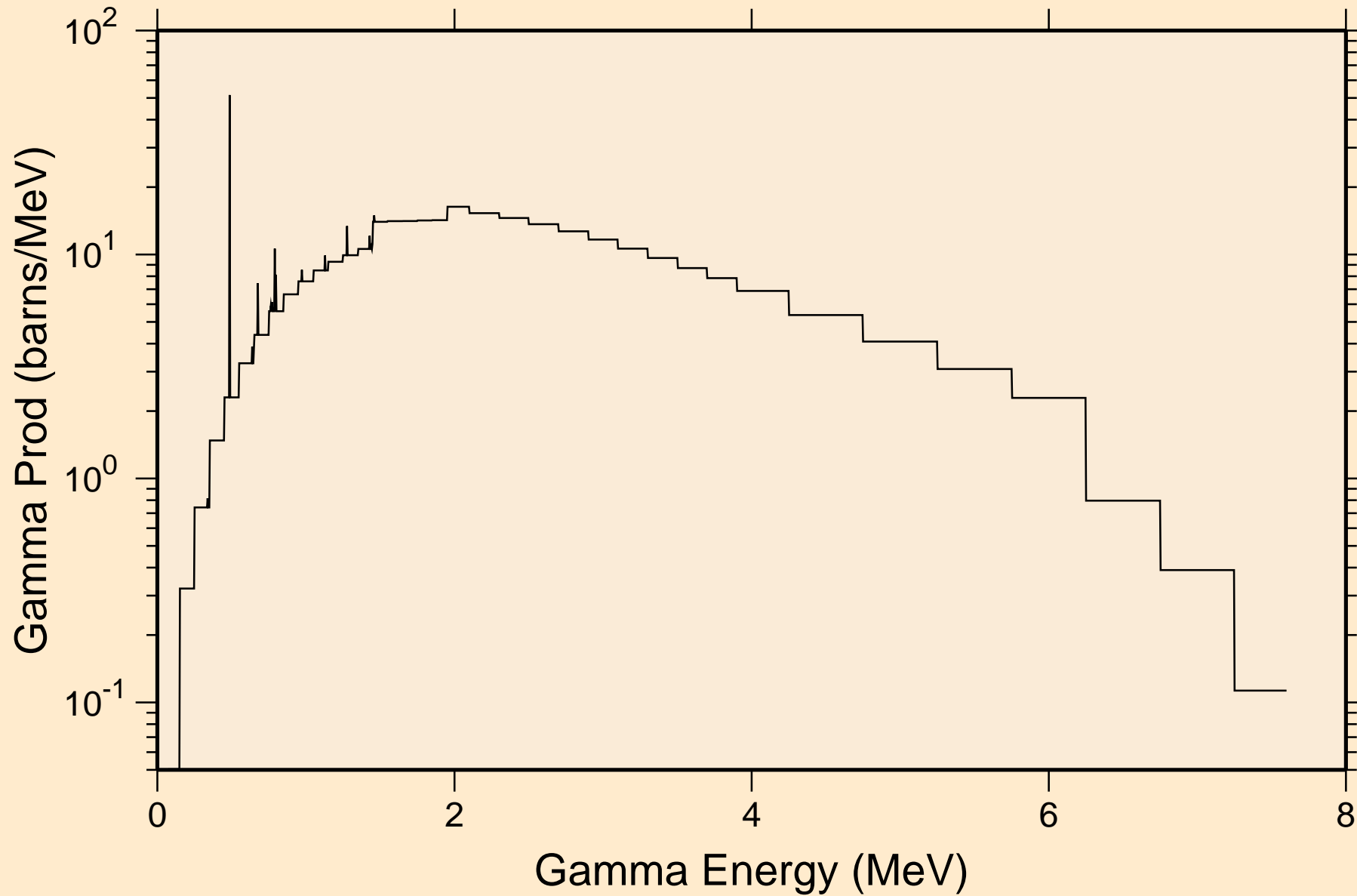
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



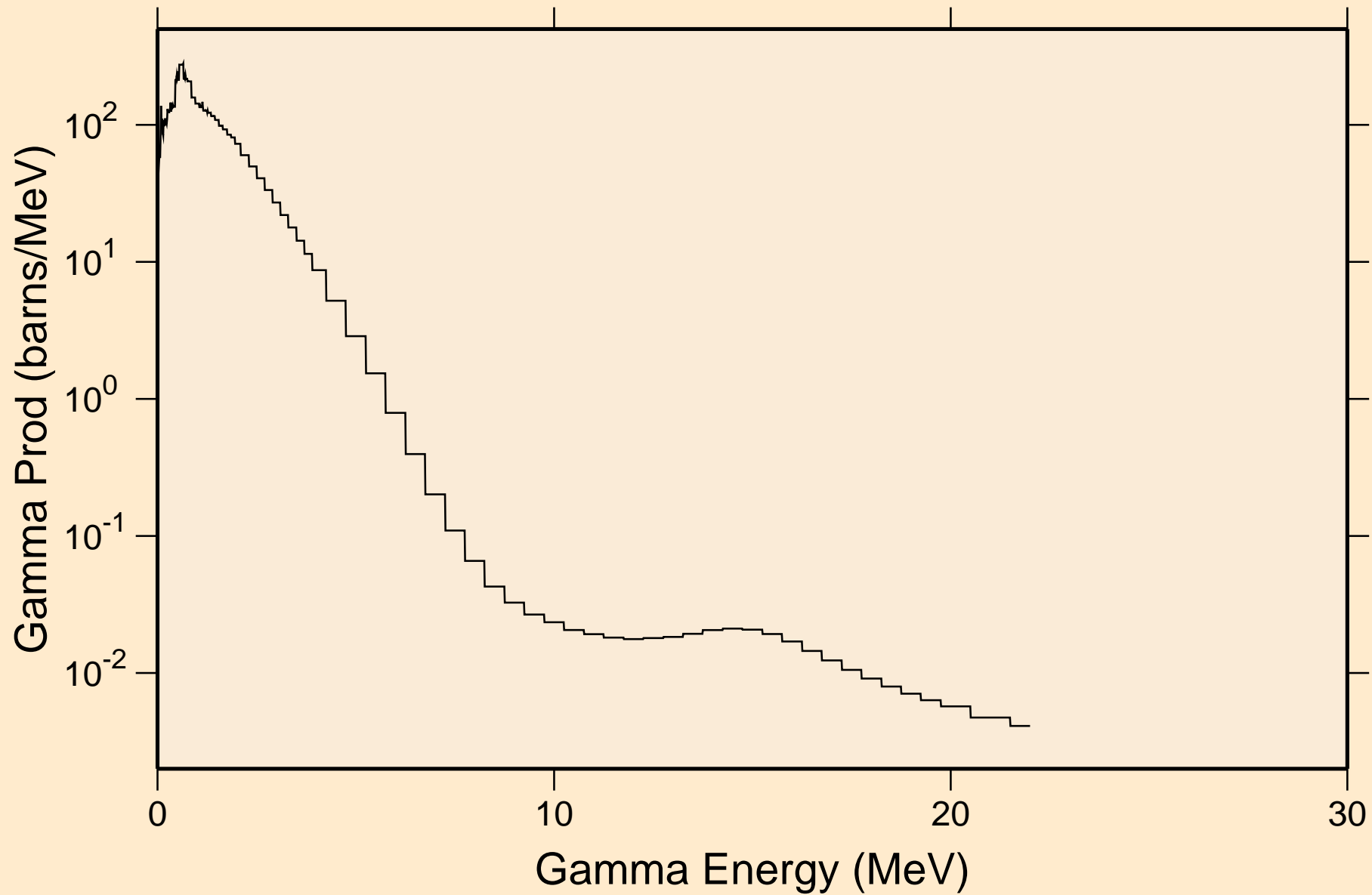
CD117 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



CD117 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

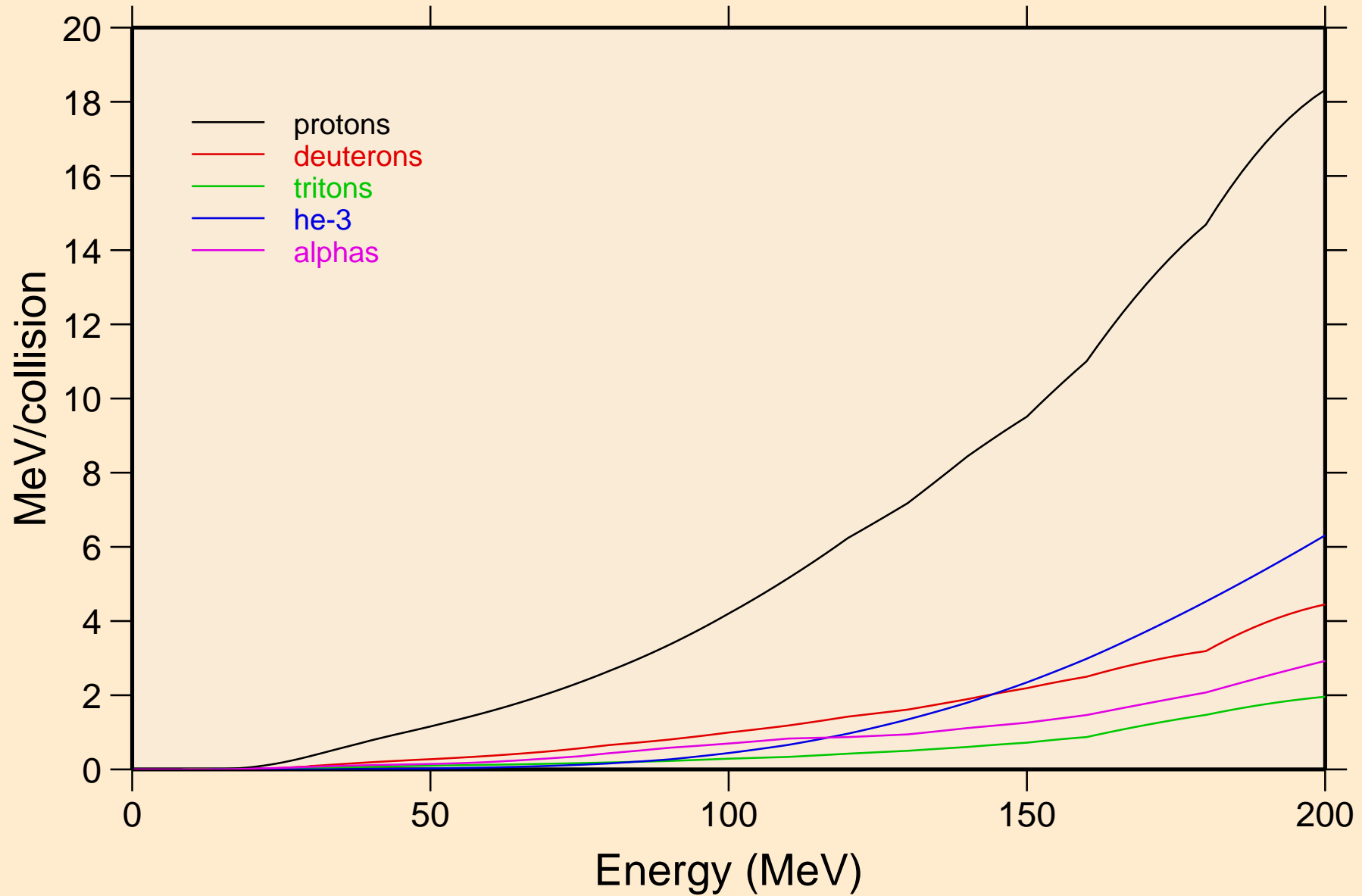


CD117 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



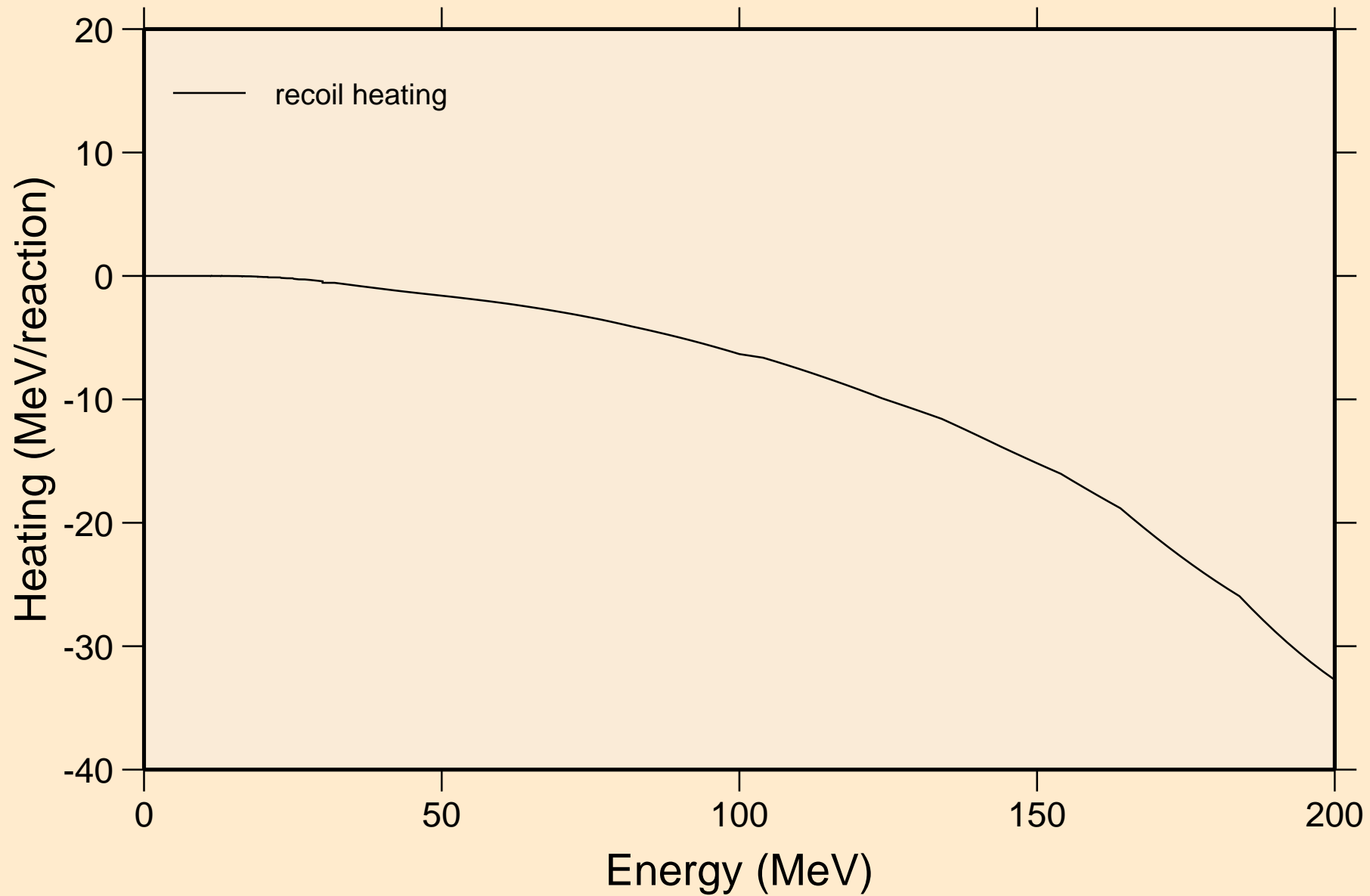
# CD117 NRG TENDL-2015, AKONING

## Particle heating contributions



# CD117 NRG TENDL-2015, AKONING

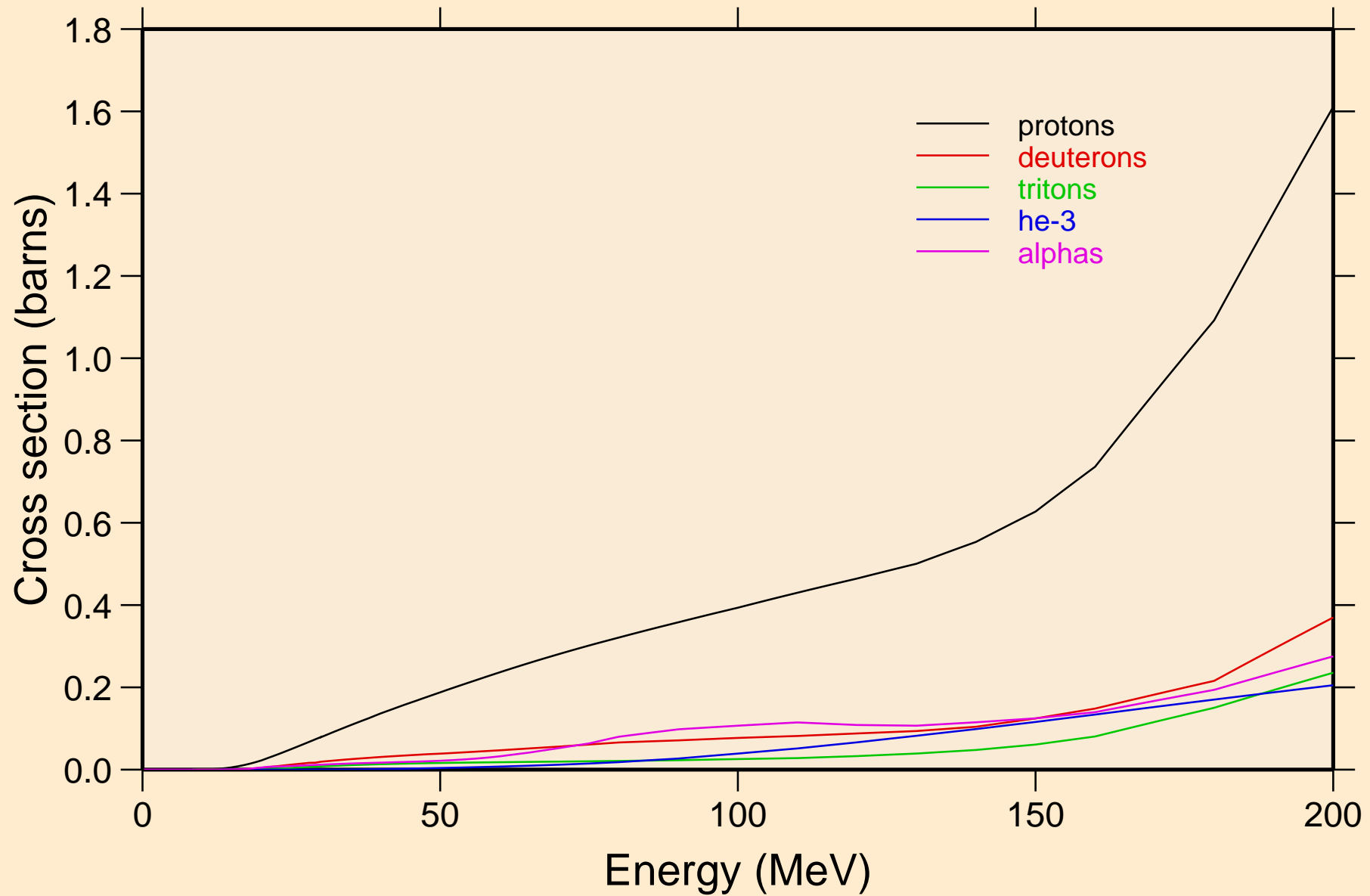
## Recoil Heating



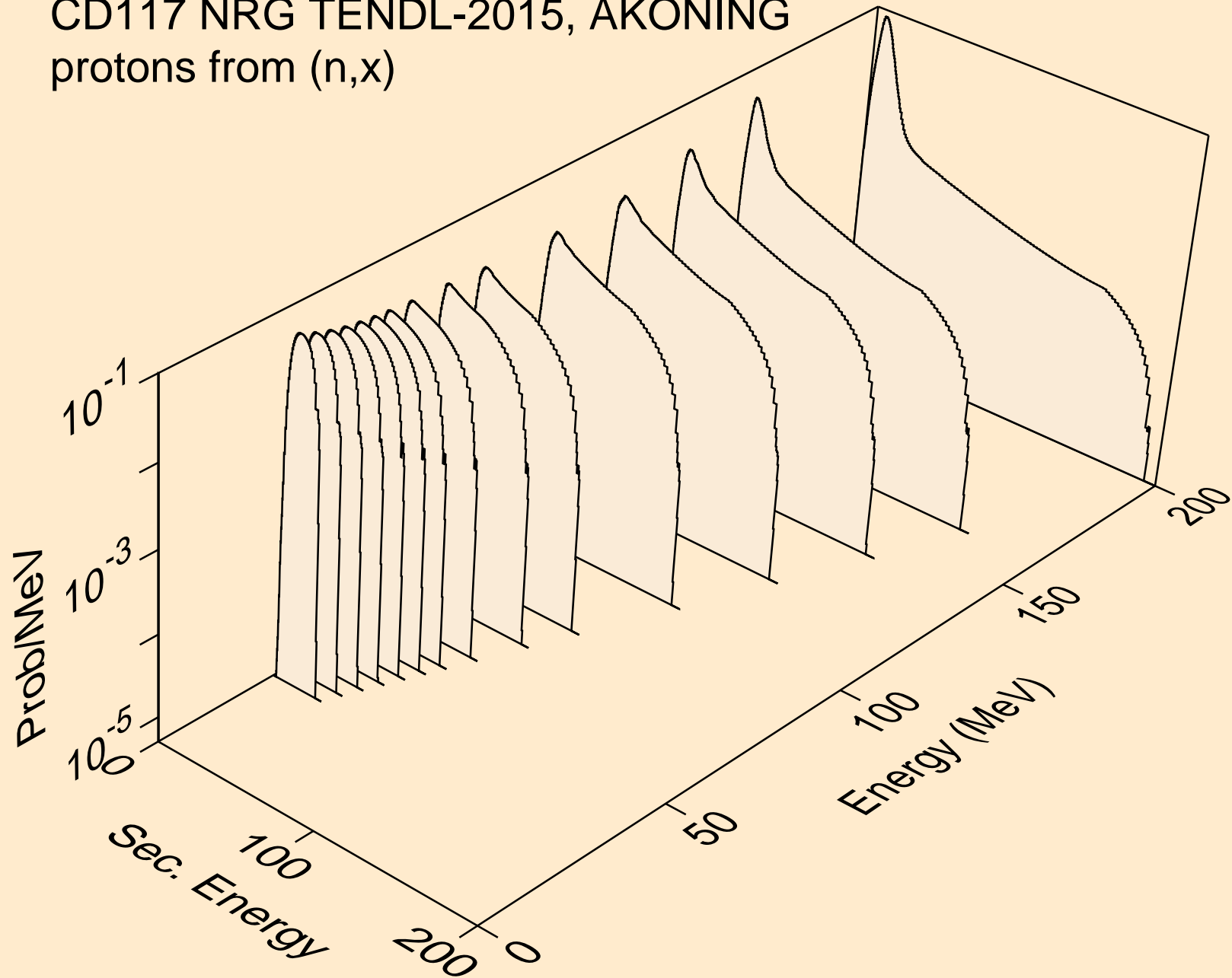


# CD117 NRG TENDL-2015, AKONING

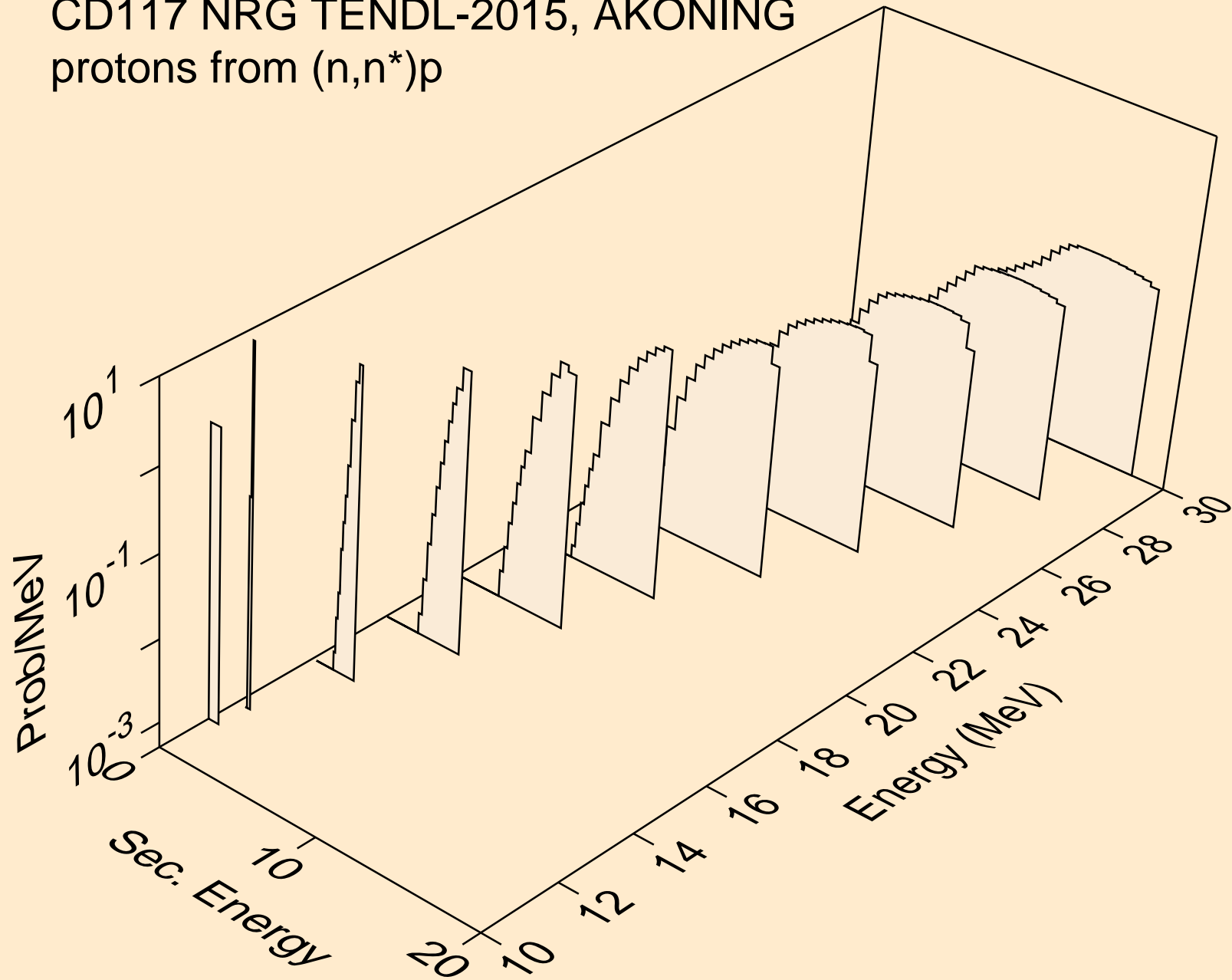
## Particle production cross sections



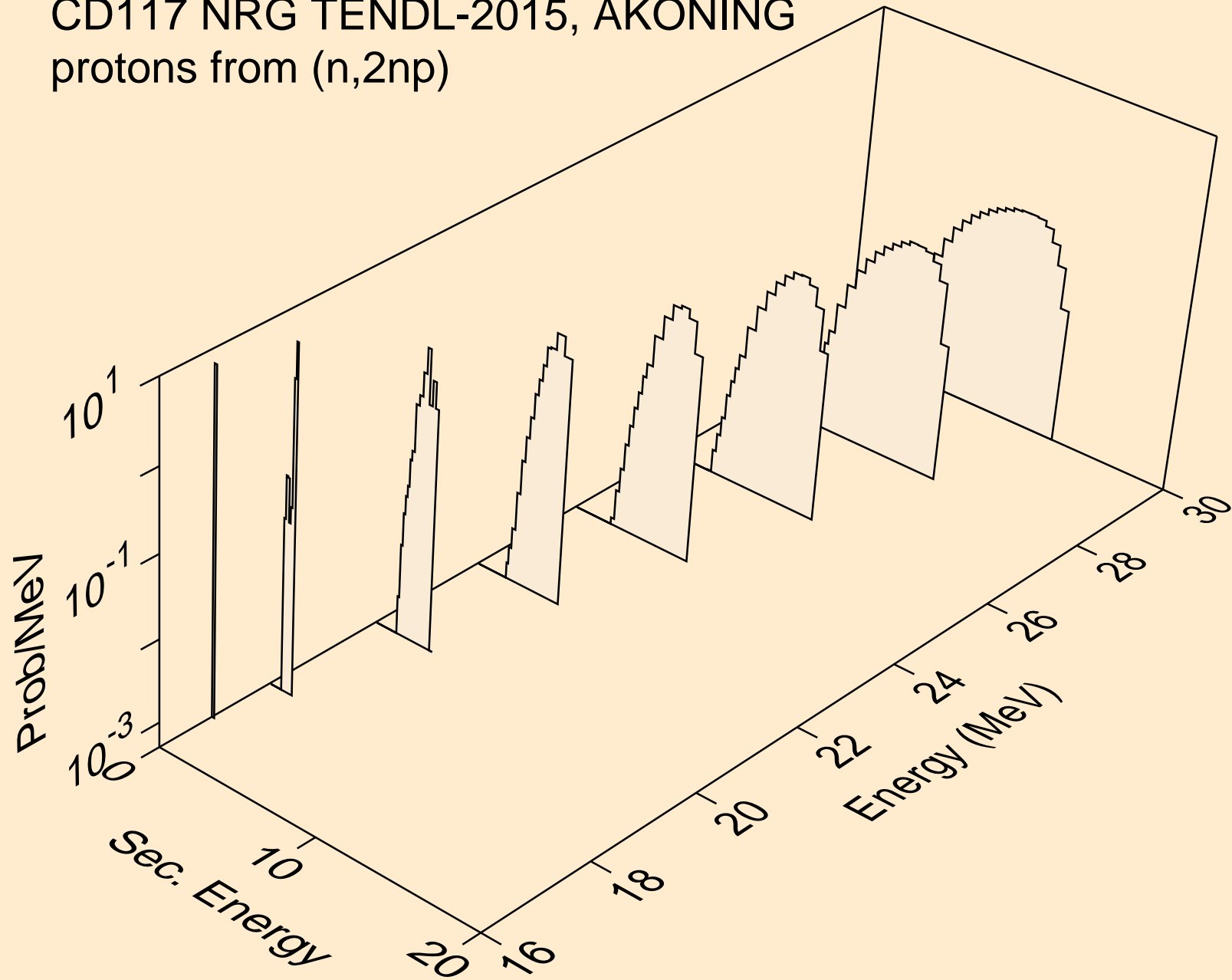
CD117 NRG TENDL-2015, AKONING  
protons from (n,x)



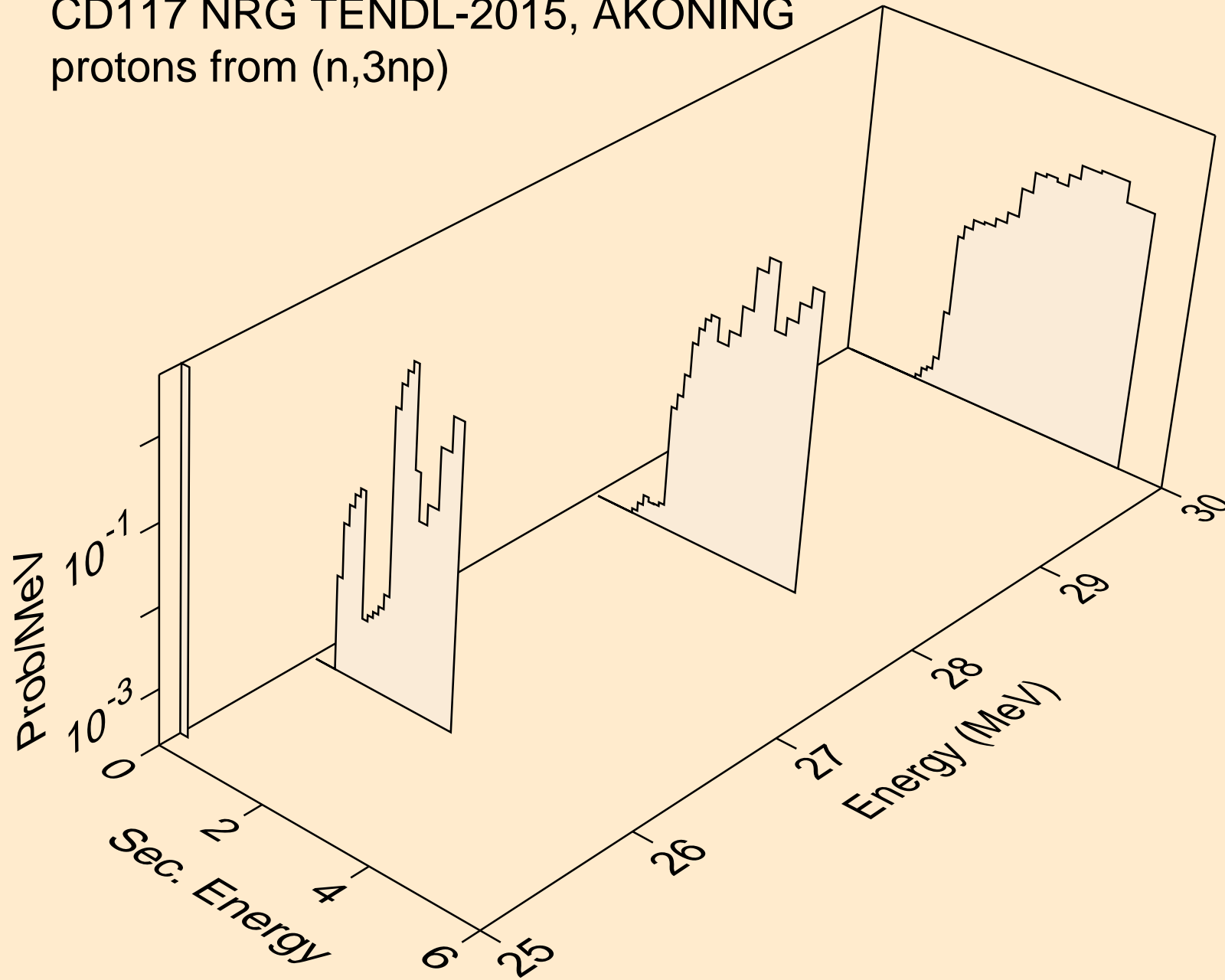
CD117 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



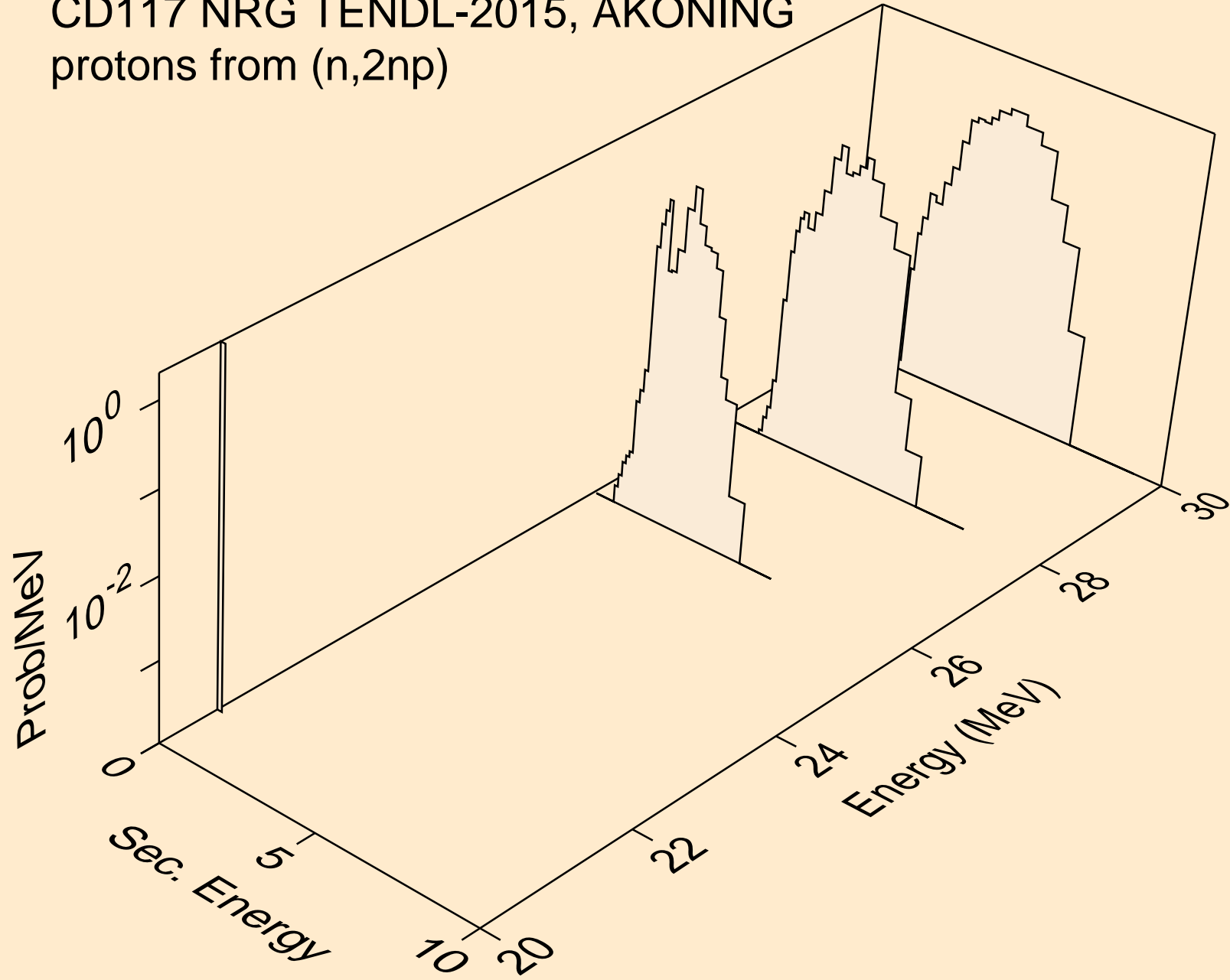
CD117 NRG TENDL-2015, AKONING  
protons from (n,2np)



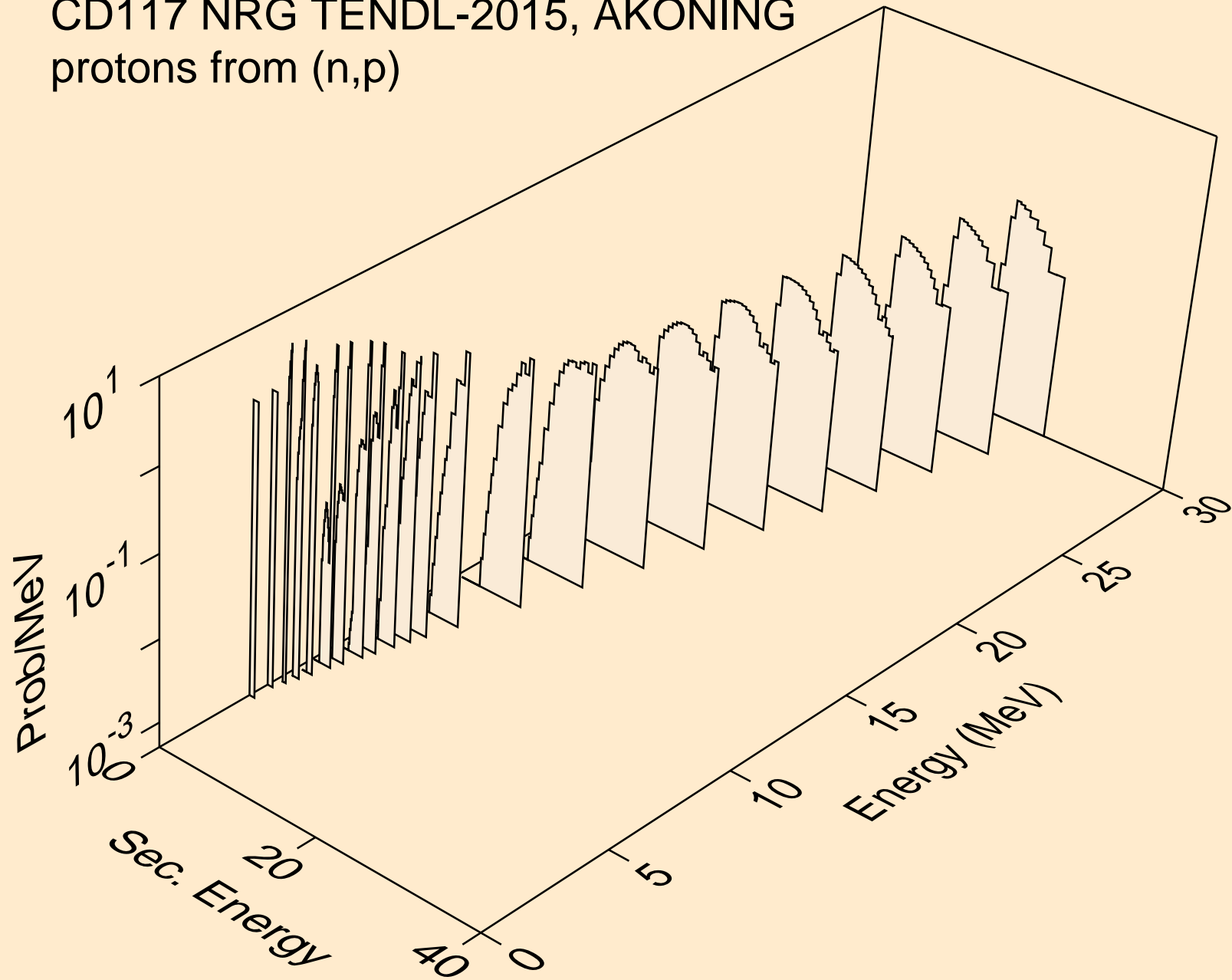
CD117 NRG TENDL-2015, AKONING  
protons from (n,3np)



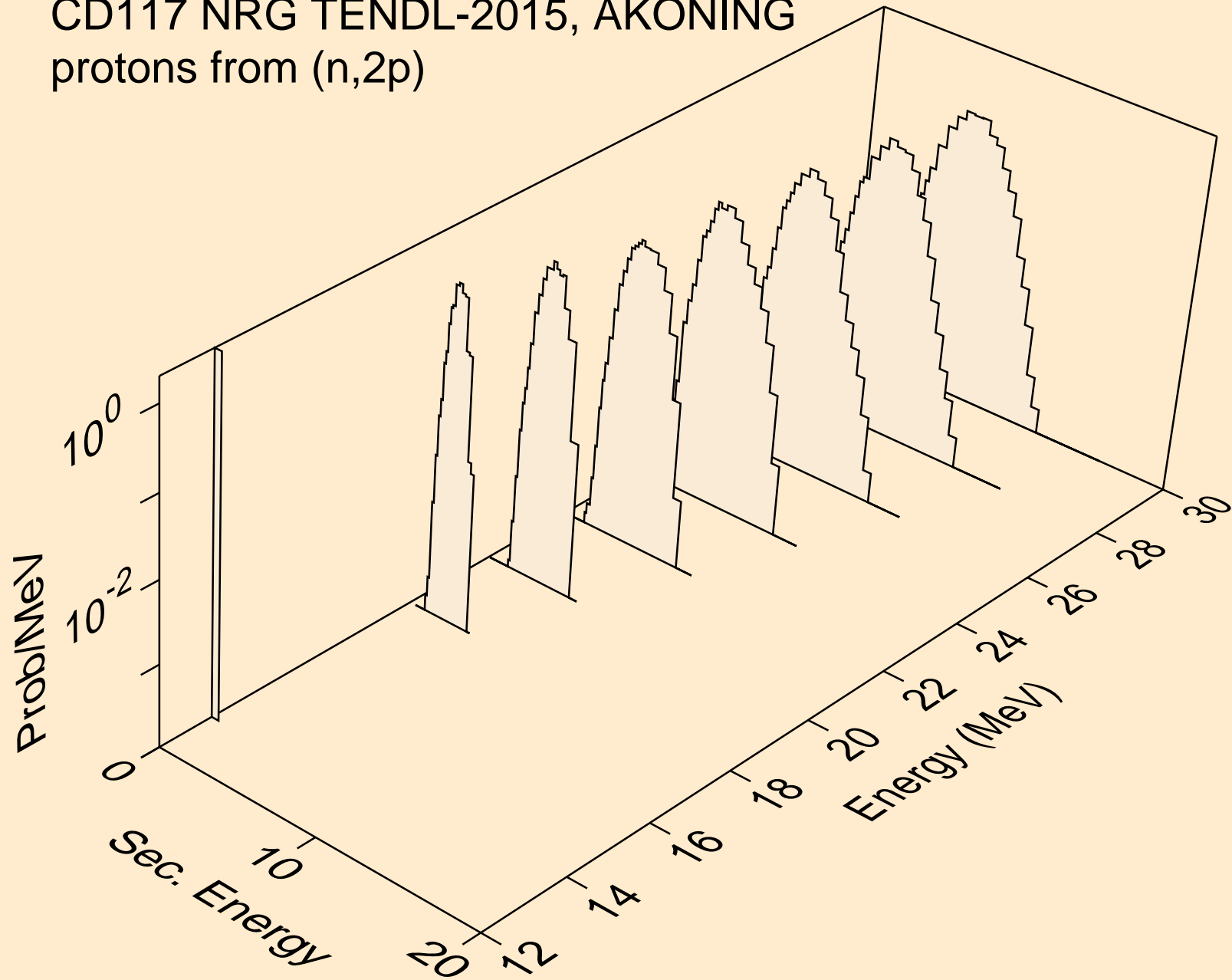
CD117 NRG TENDL-2015, AKONING  
protons from (n,2np)



CD117 NRG TENDL-2015, AKONING  
protons from (n,p)

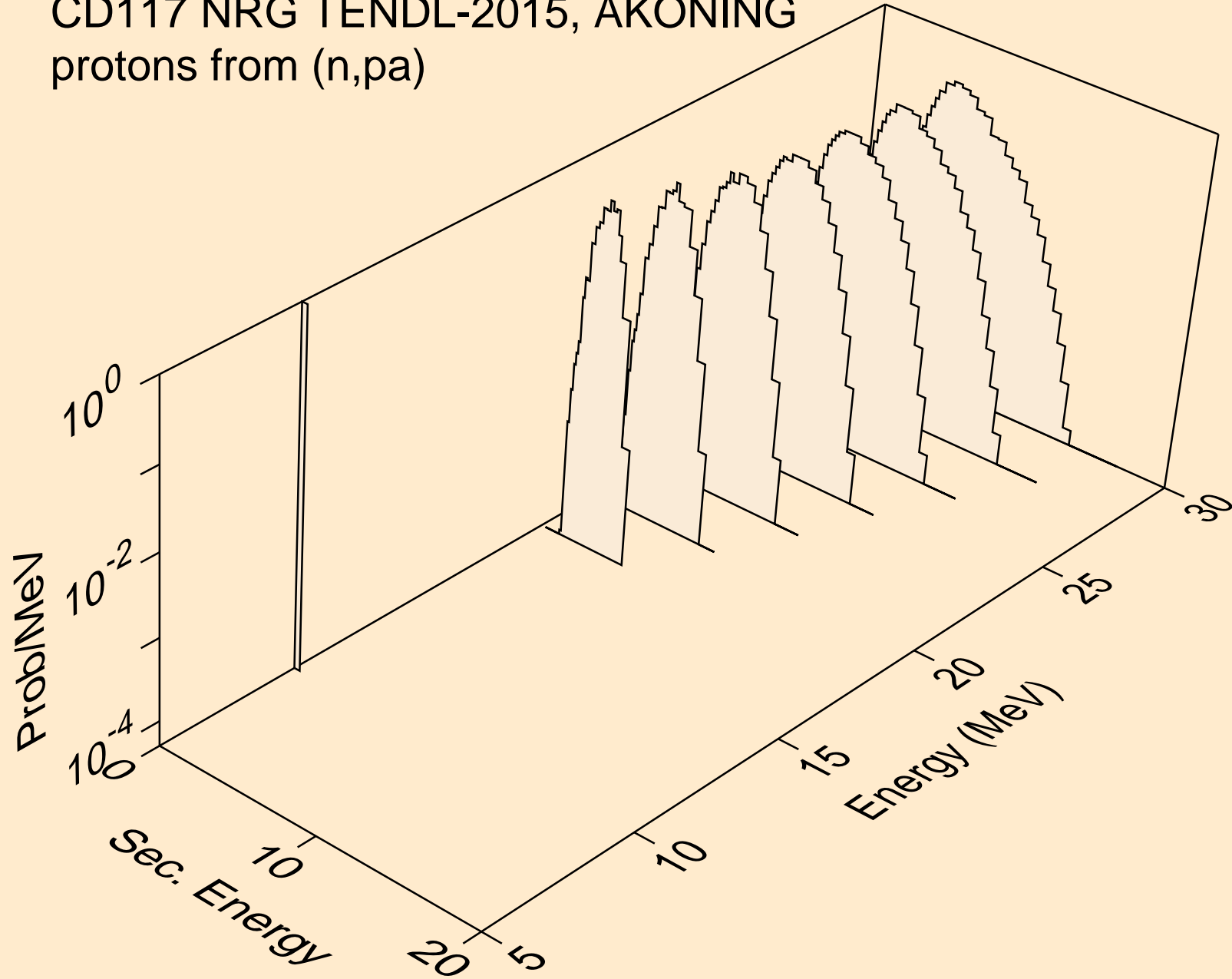


CD117 NRG TENDL-2015, AKONING  
protons from (n,2p)

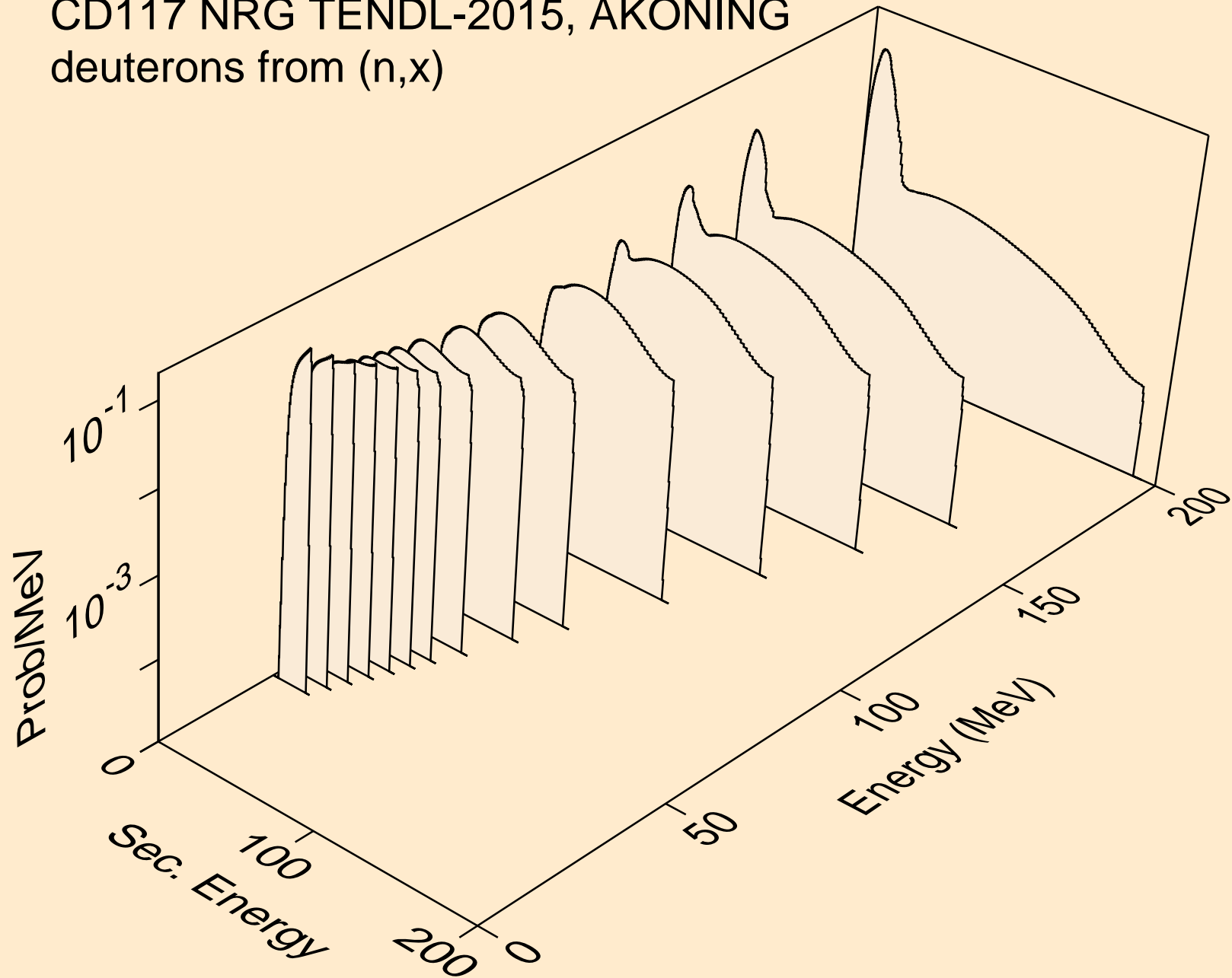




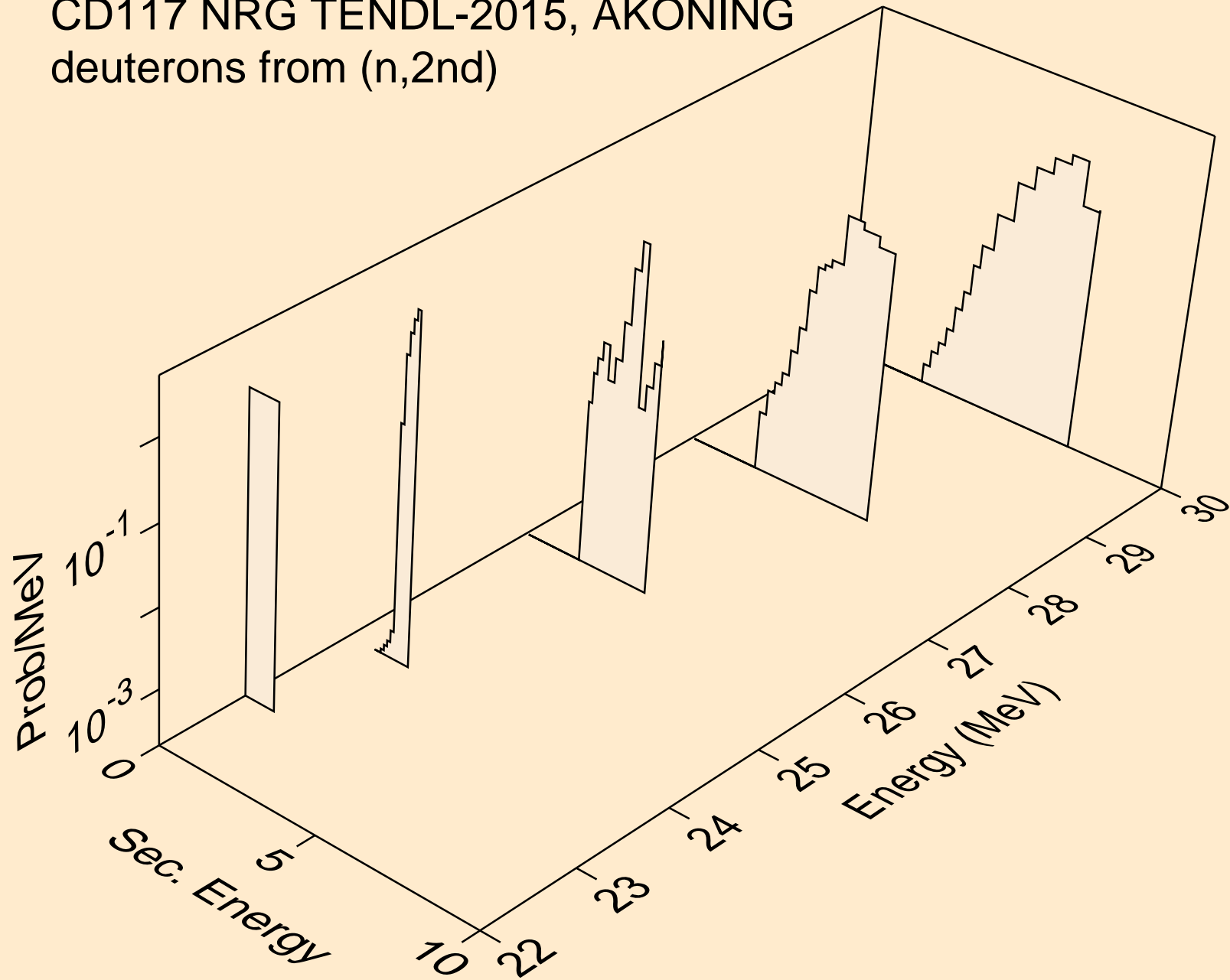
CD117 NRG TENDL-2015, AKONING  
protons from (n,pa)



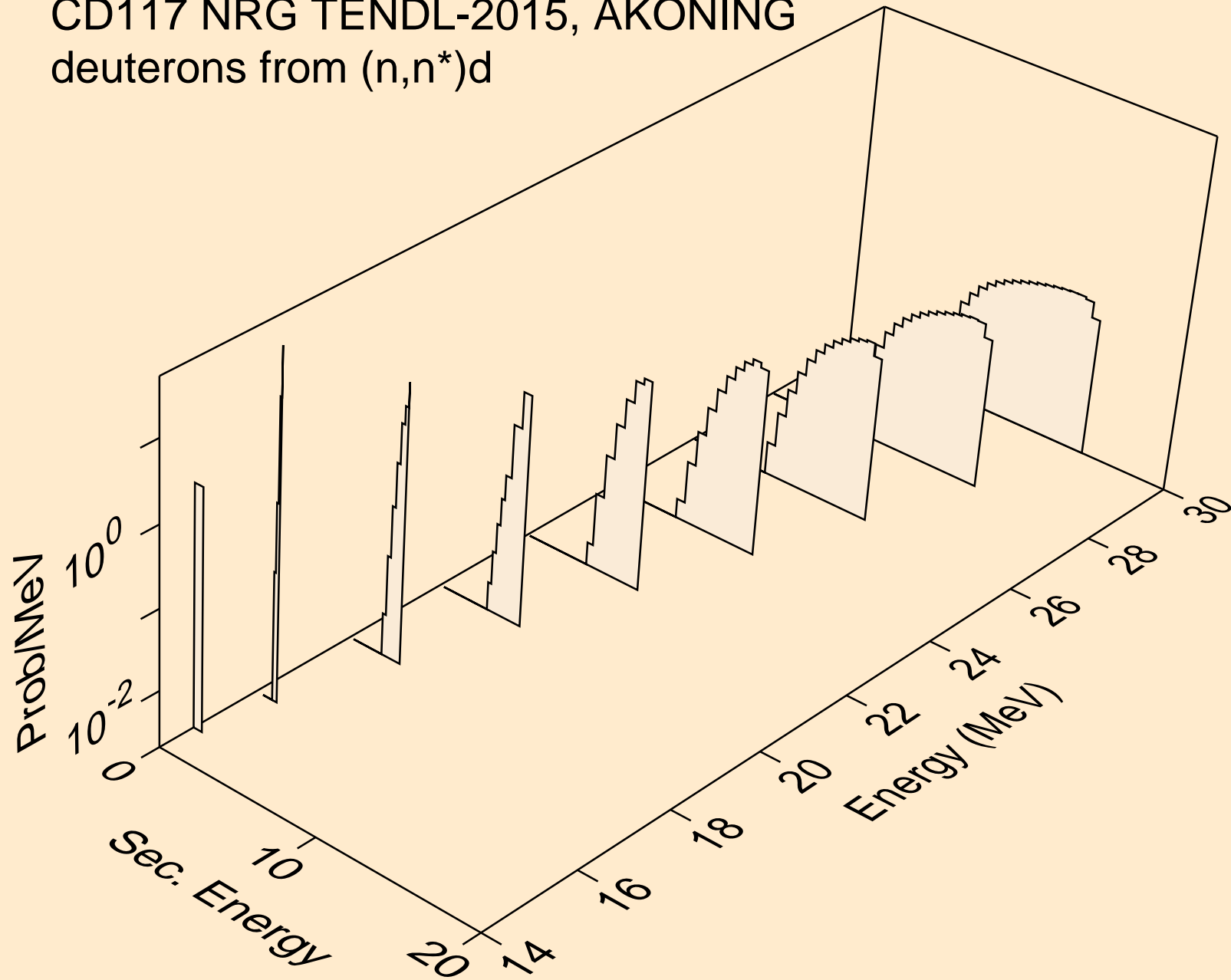
CD117 NRG TENDL-2015, AKONING  
deuterons from (n,x)



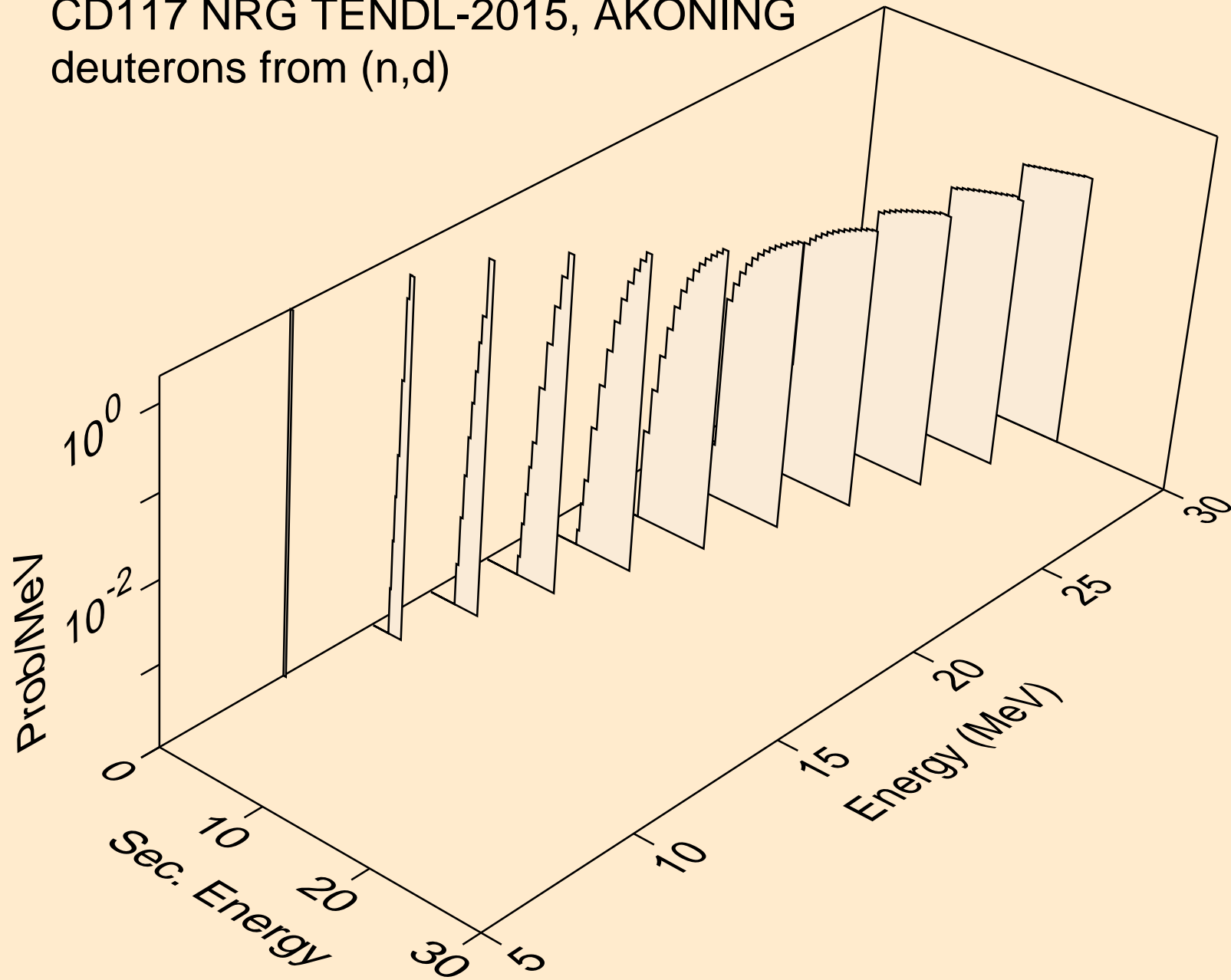
CD117 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



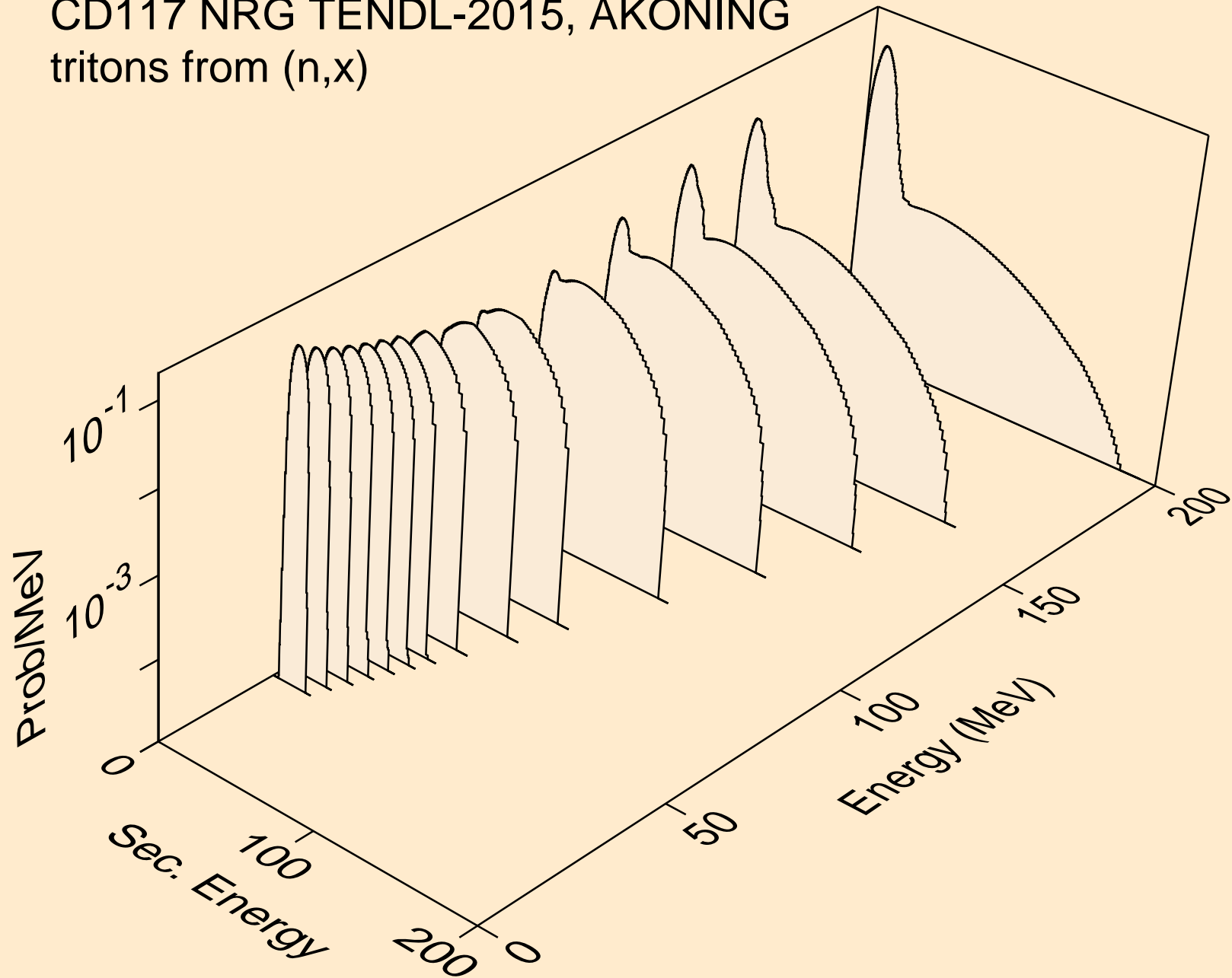
CD117 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



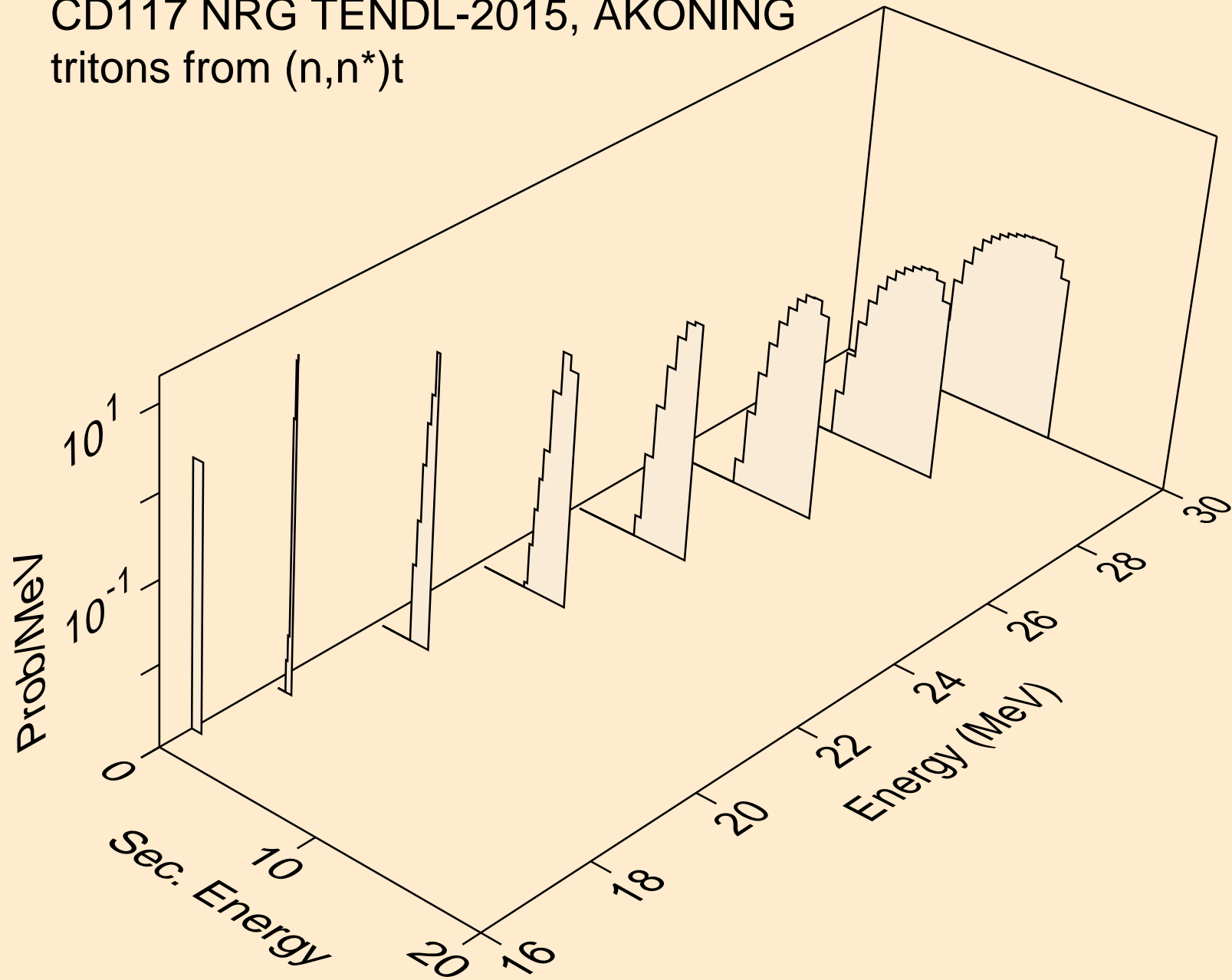
CD117 NRG TENDL-2015, AKONING  
deuterons from (n,d)



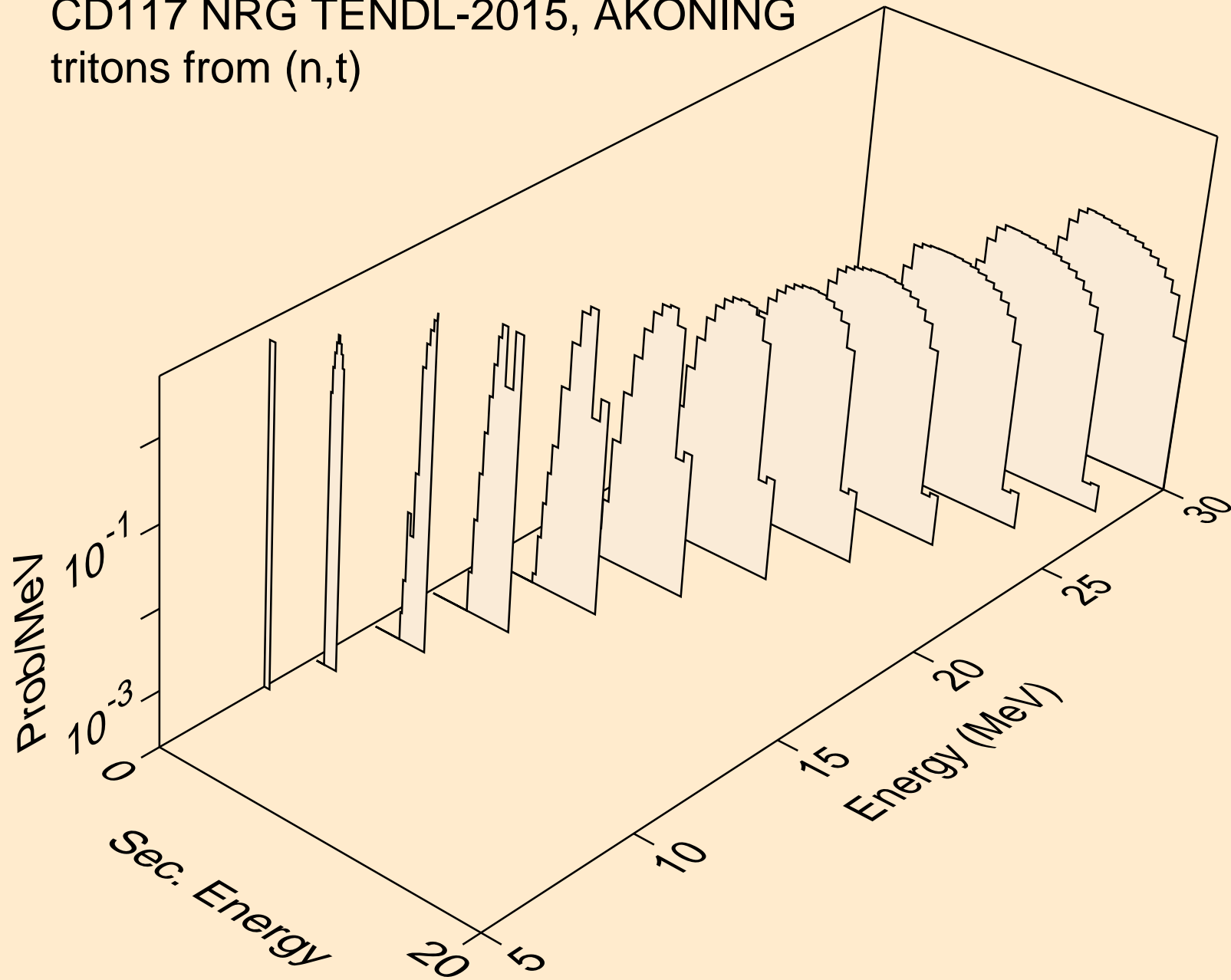
CD117 NRG TENDL-2015, AKONING  
tritons from (n,x)



CD117 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

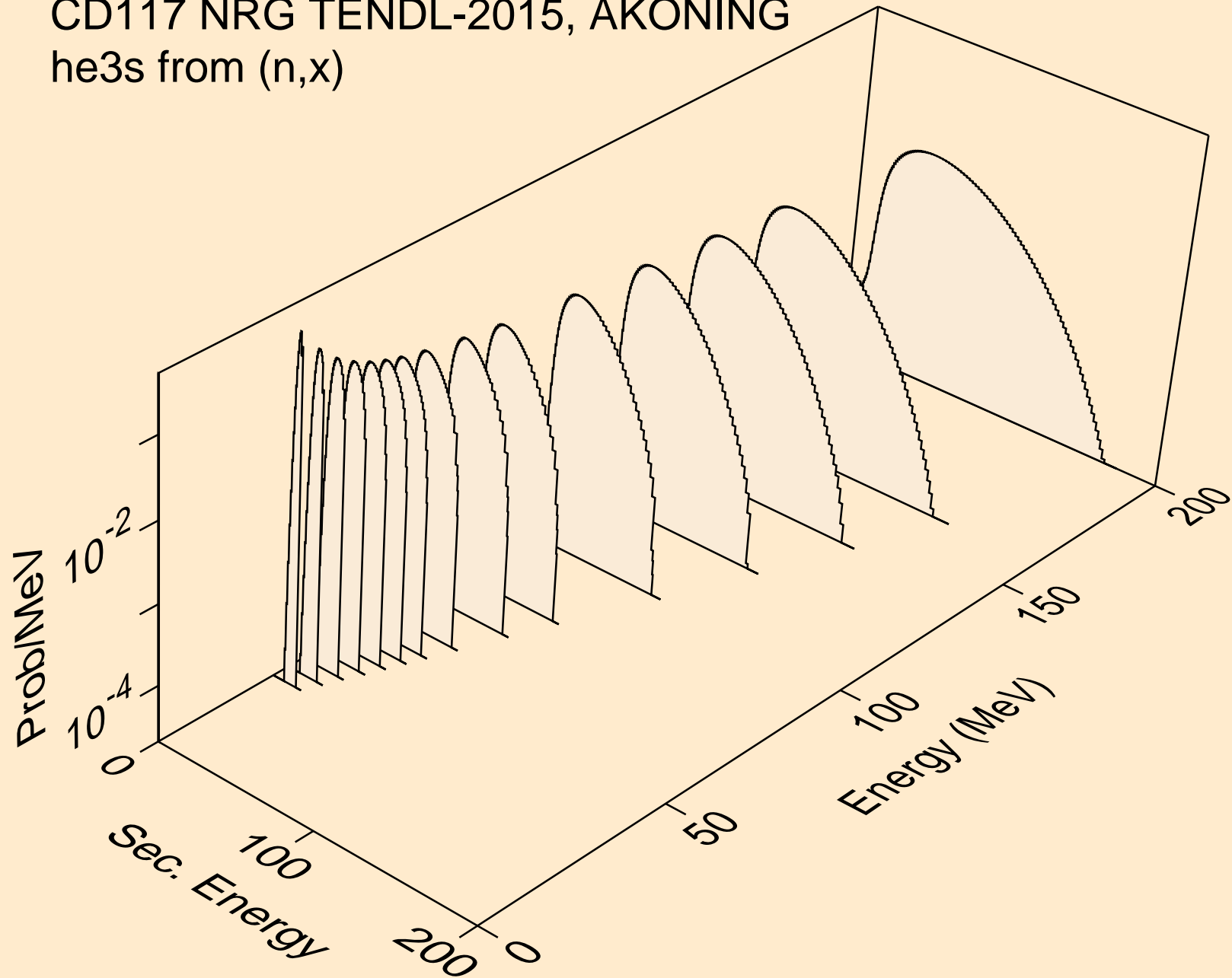


CD117 NRG TENDL-2015, AKONING  
tritons from (n,t)

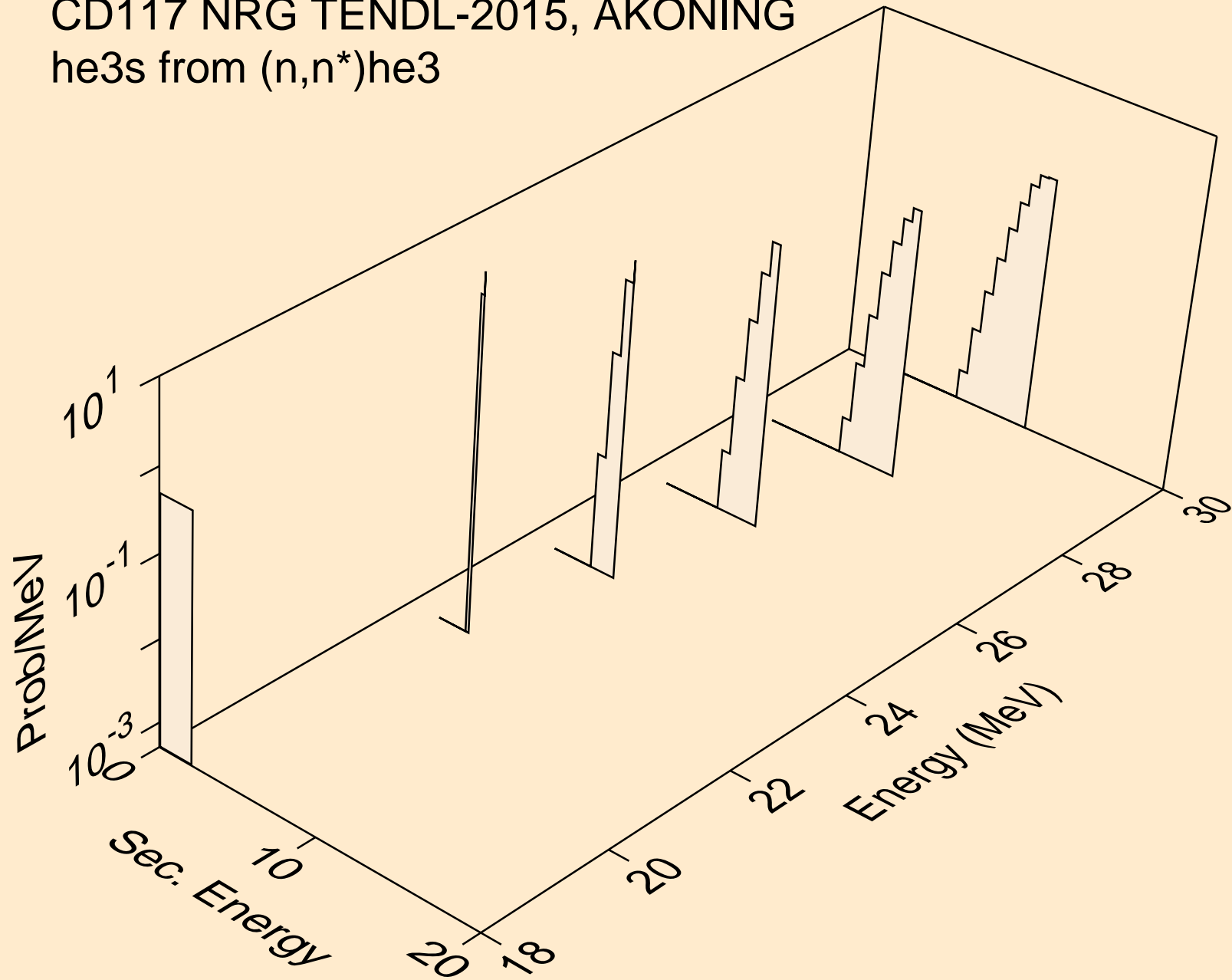




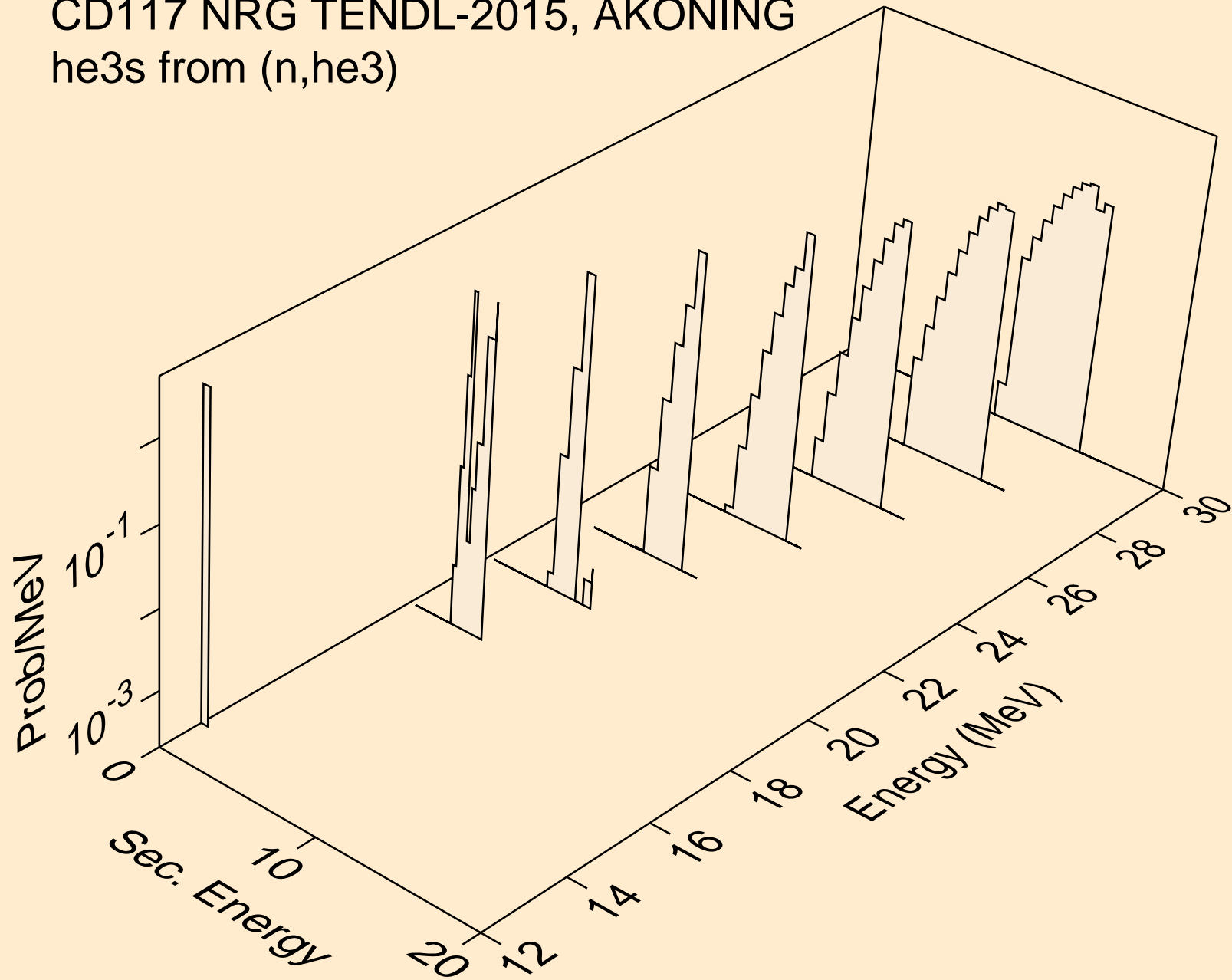
CD117 NRG TENDL-2015, AKONING  
he3s from (n,x)



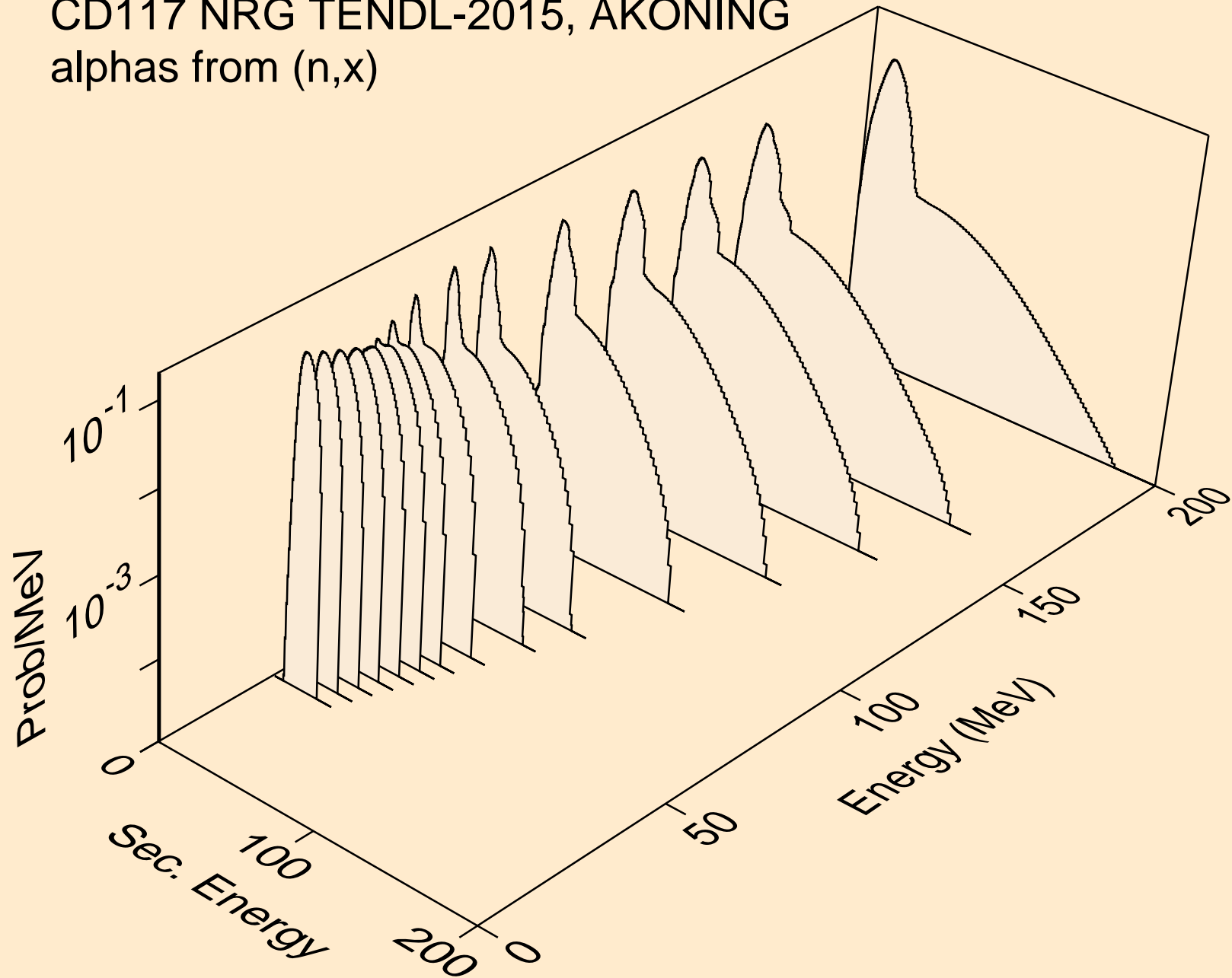
CD117 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



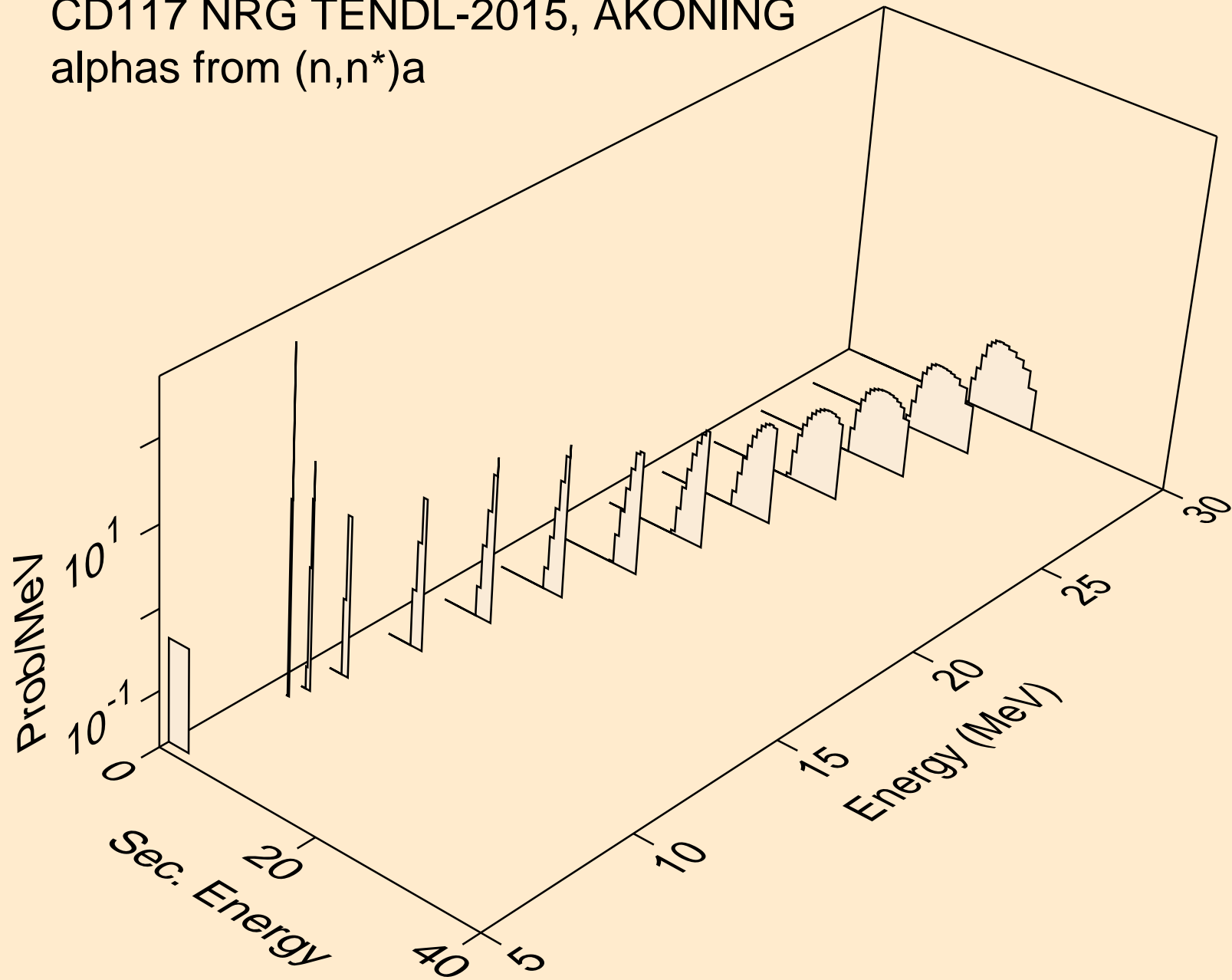
CD117 NRG TENDL-2015, AKONING  
he3s from (n,he3)



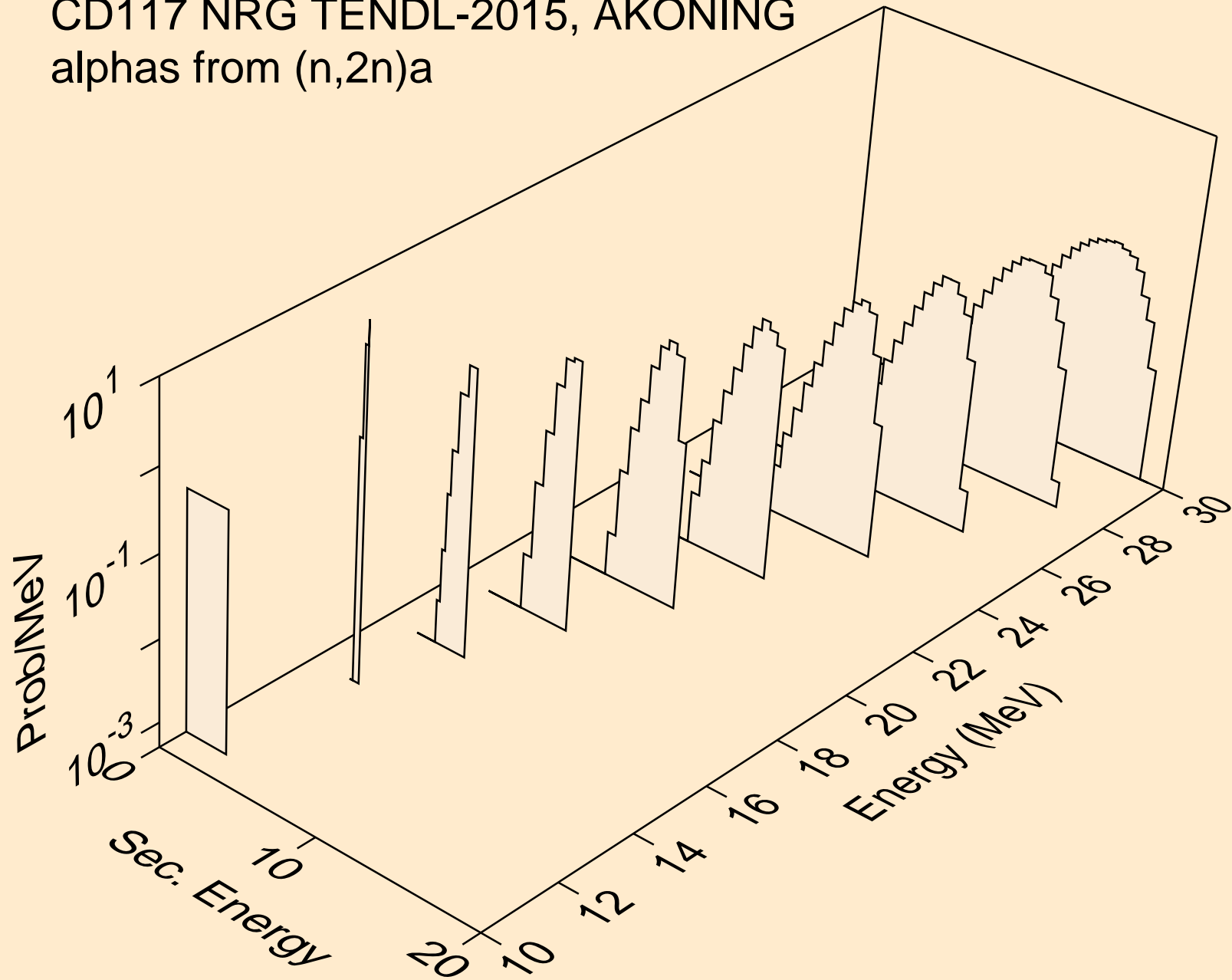
CD117 NRG TENDL-2015, AKONING  
alphas from (n,x)



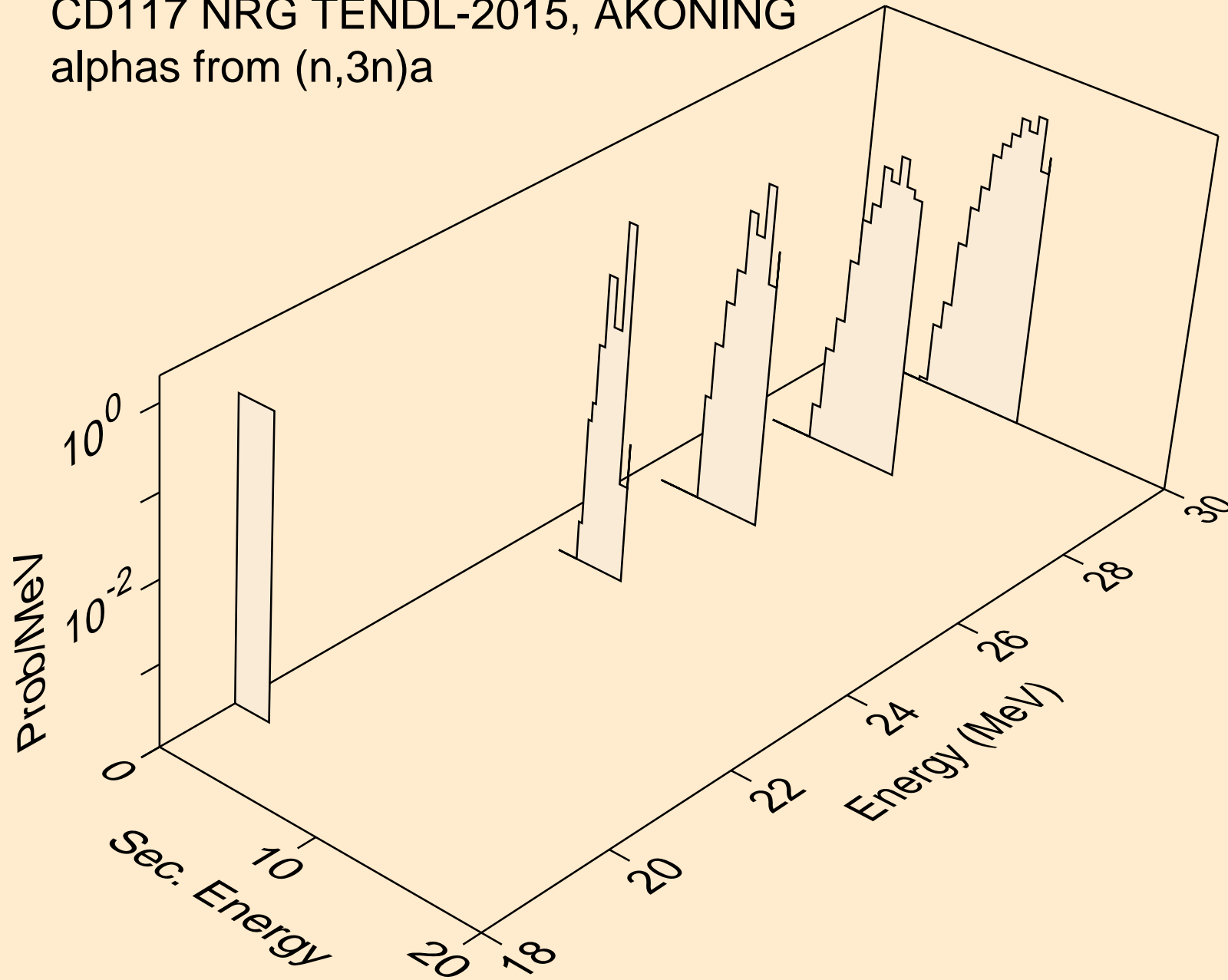
CD117 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



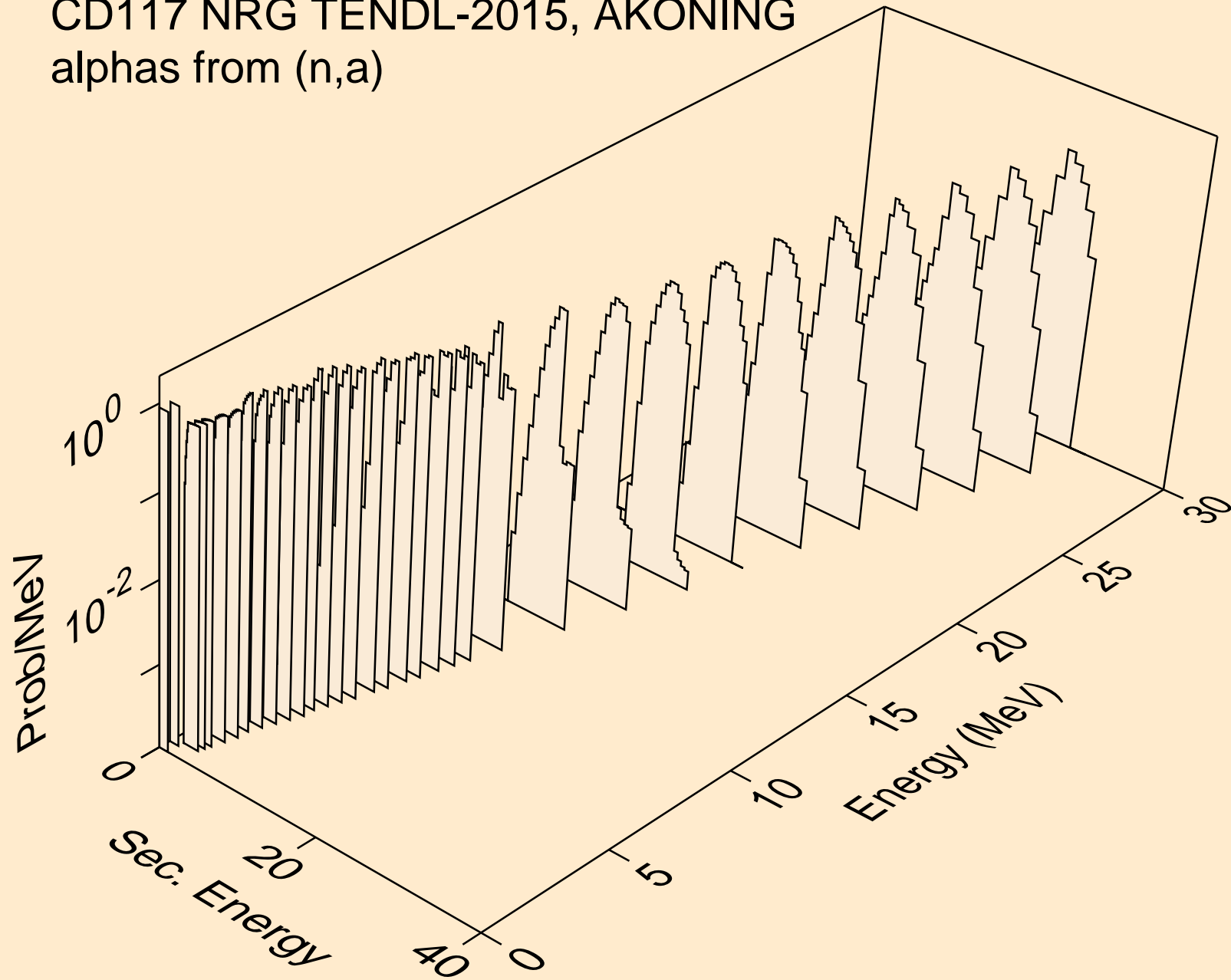
CD117 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



CD117 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



CD117 NRG TENDL-2015, AKONING  
alphas from (n,a)





CD117 NRG TENDL-2015, AKONING  
alphas from (n,pa)

