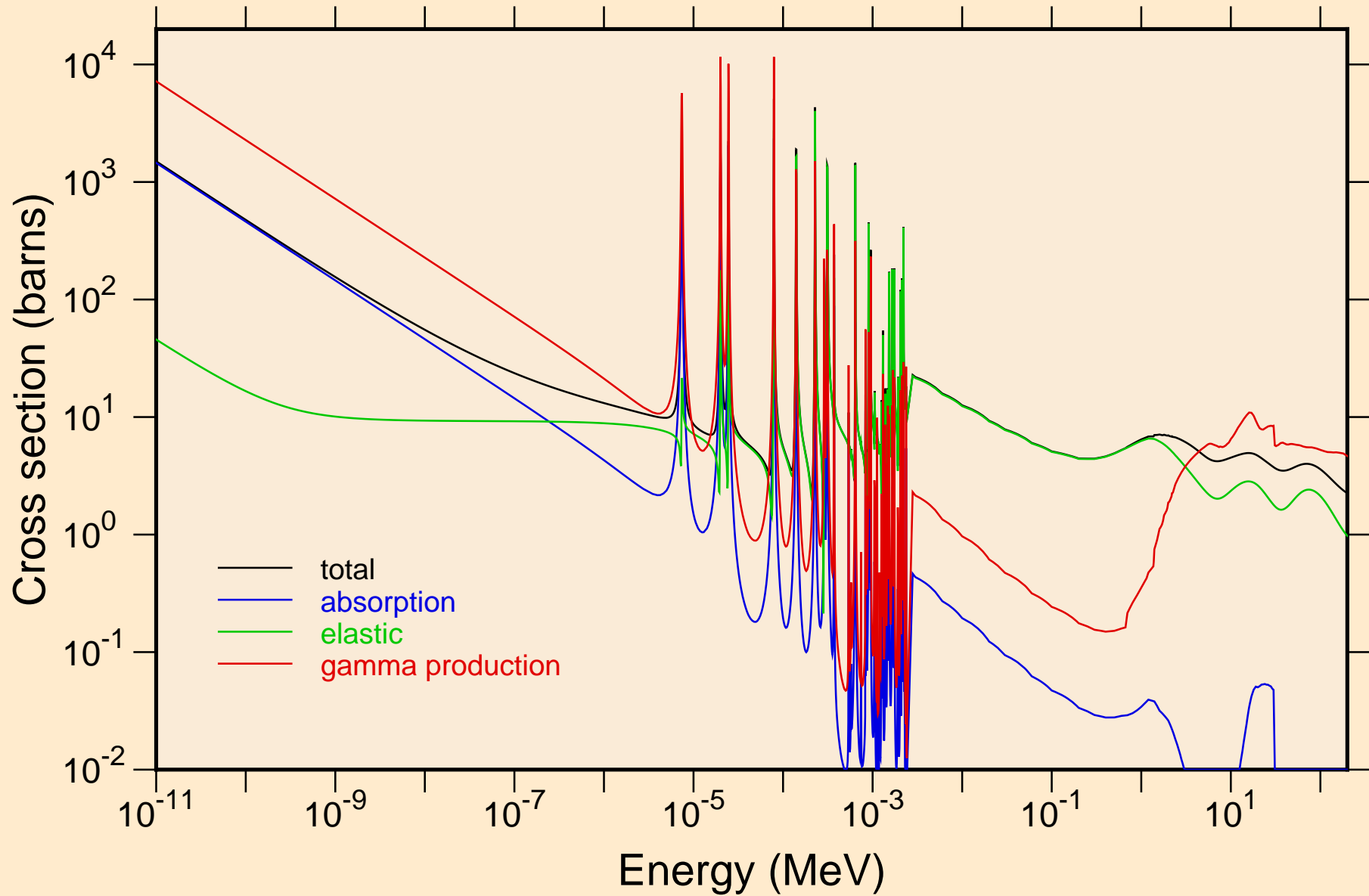
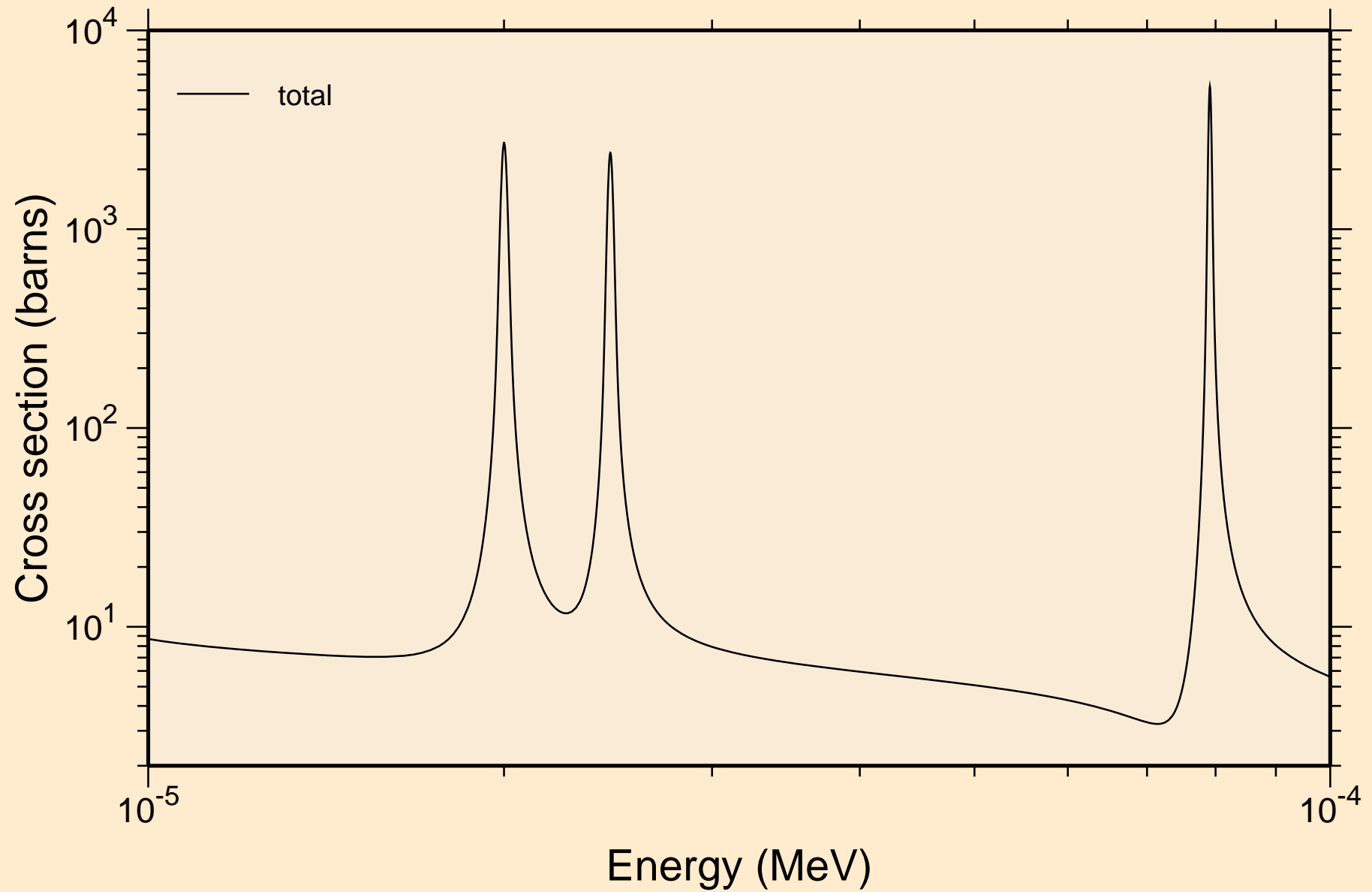


# CE141 NRG TENDL-2015, AKONING

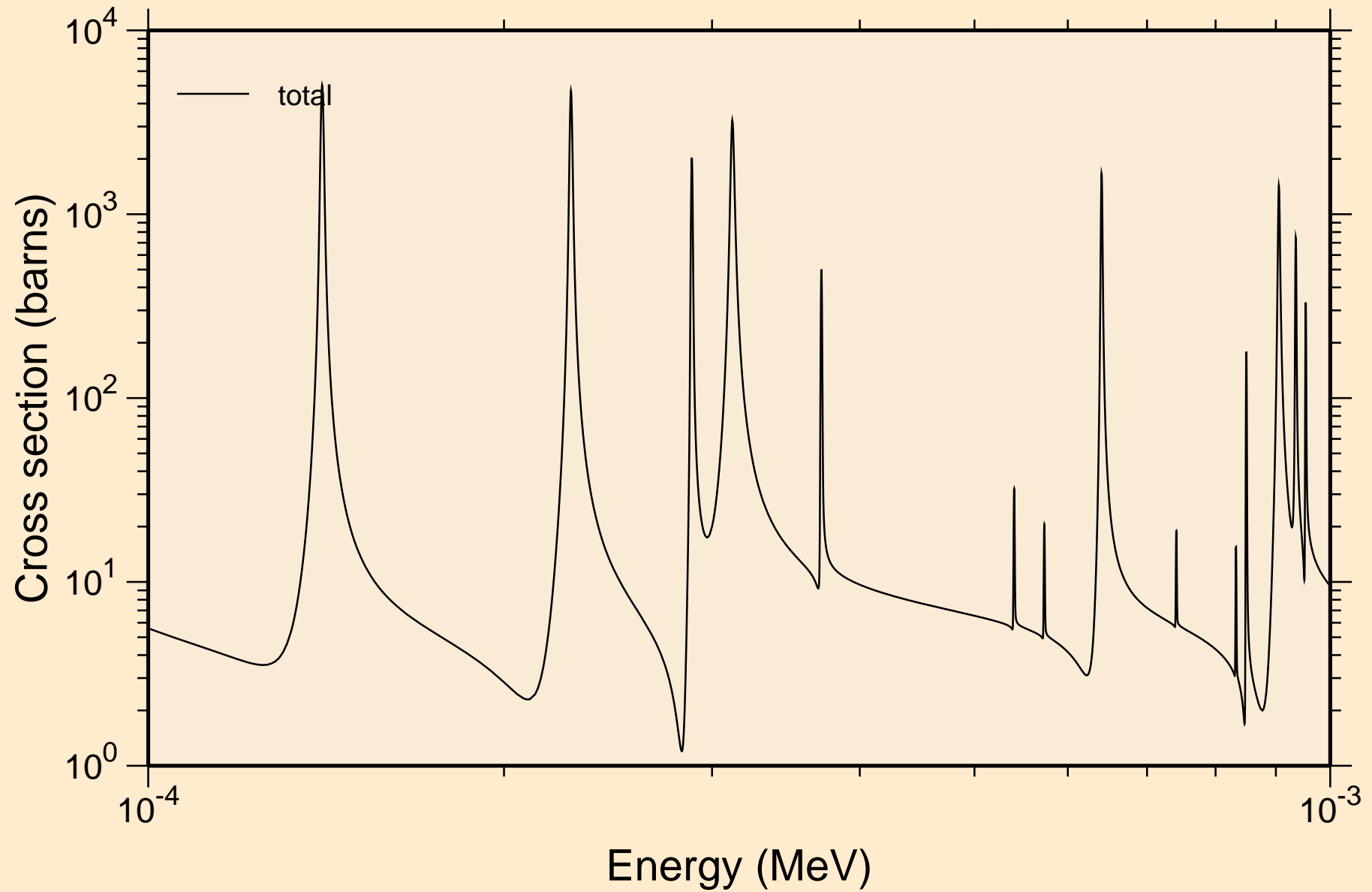
## Principal cross sections



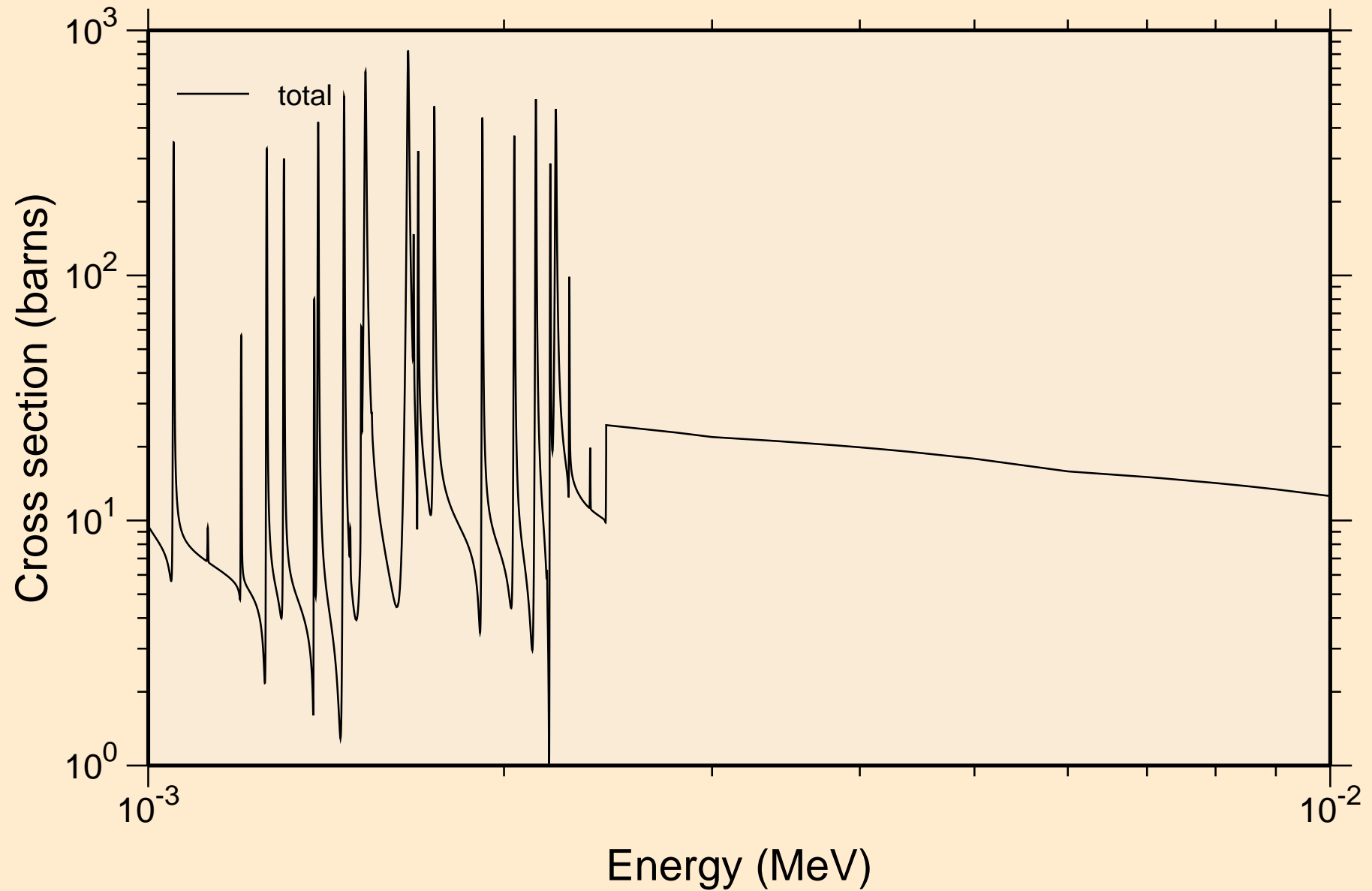
CE141 NRG TENDL-2015, AKONING  
resonance total cross section



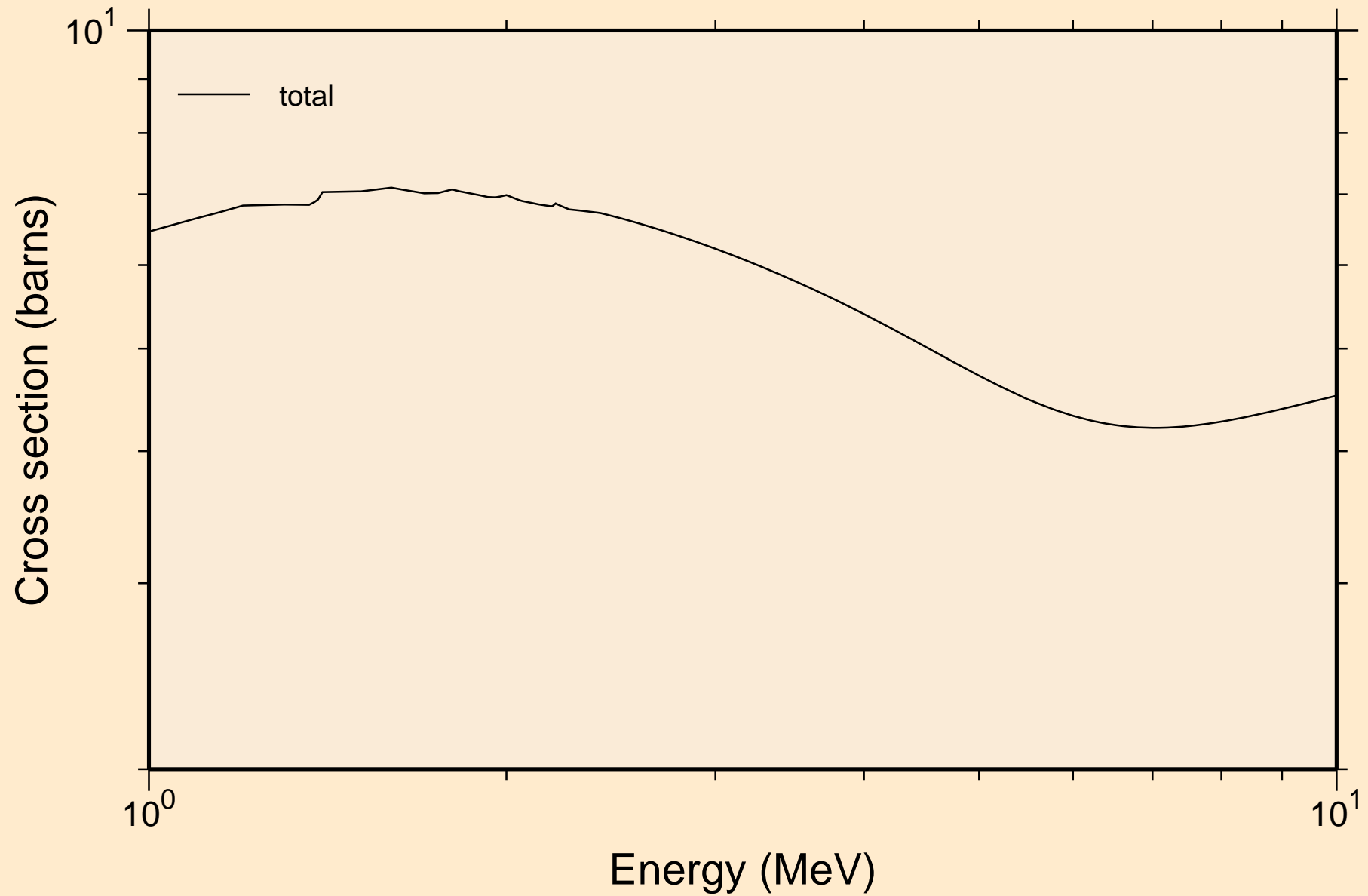
CE141 NRG TENDL-2015, AKONING  
resonance total cross section



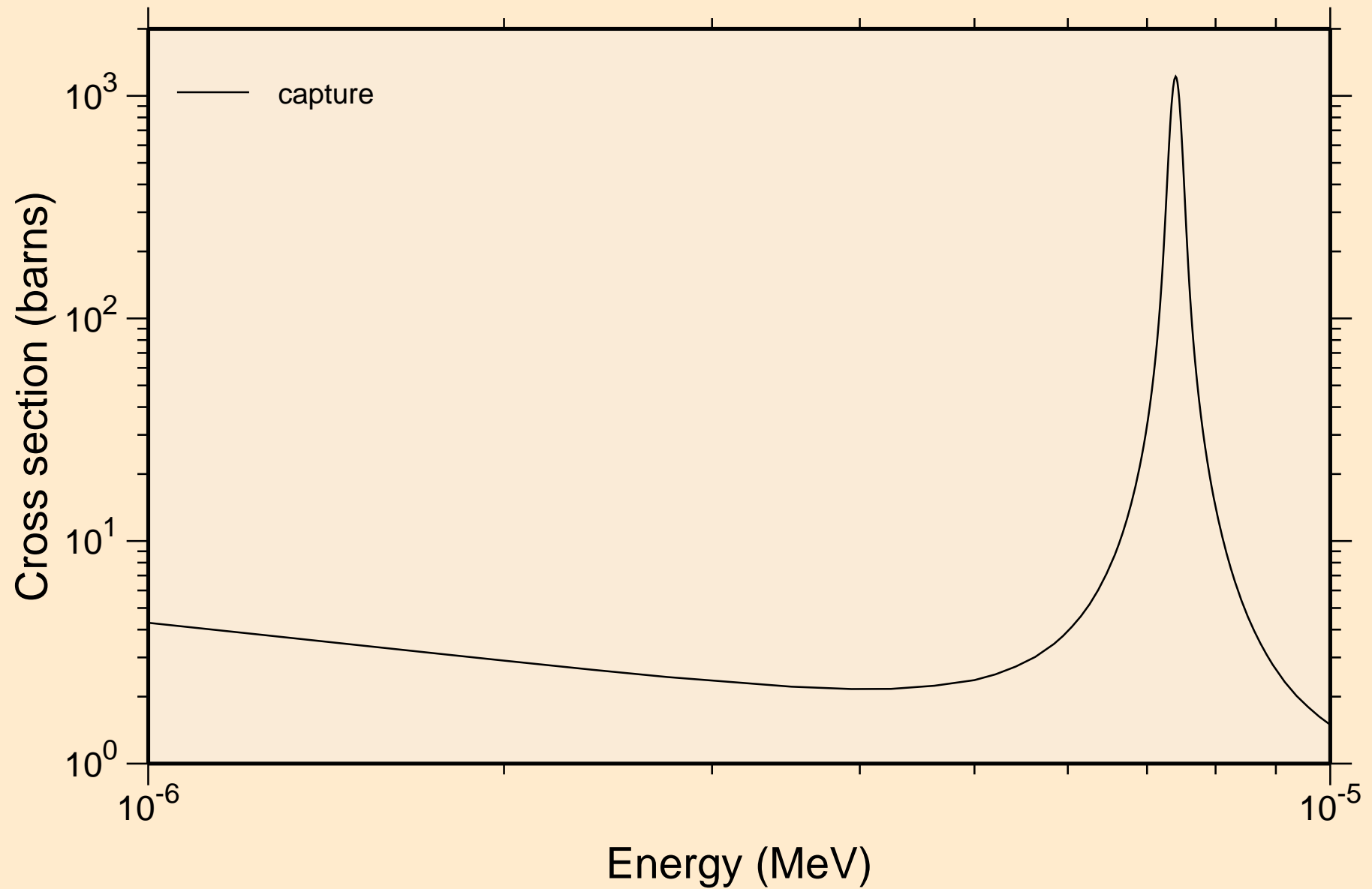
CE141 NRG TENDL-2015, AKONING  
resonance total cross section



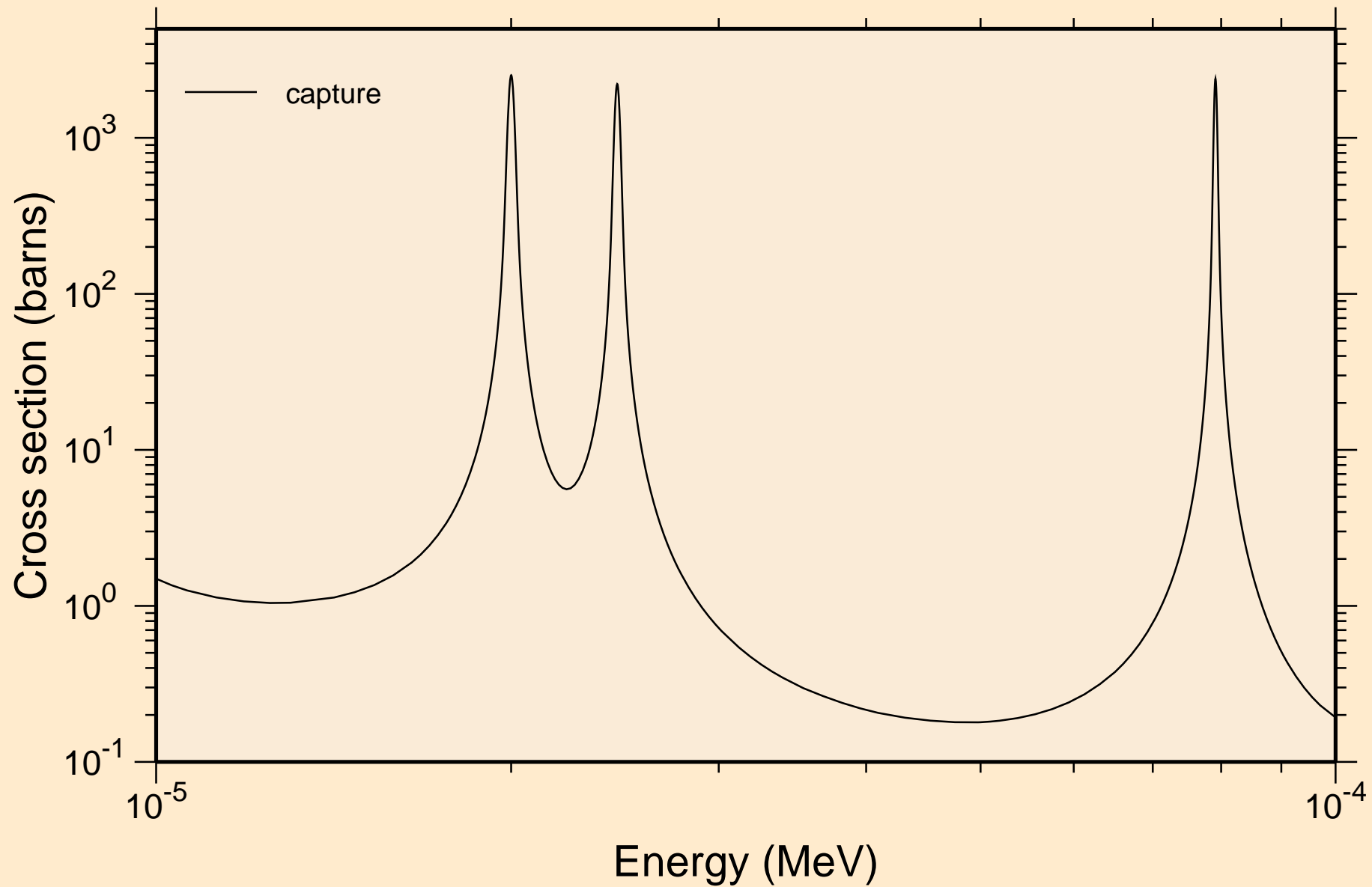
CE141 NRG TENDL-2015, AKONING  
resonance total cross section



CE141 NRG TENDL-2015, AKONING  
resonance absorption cross sections

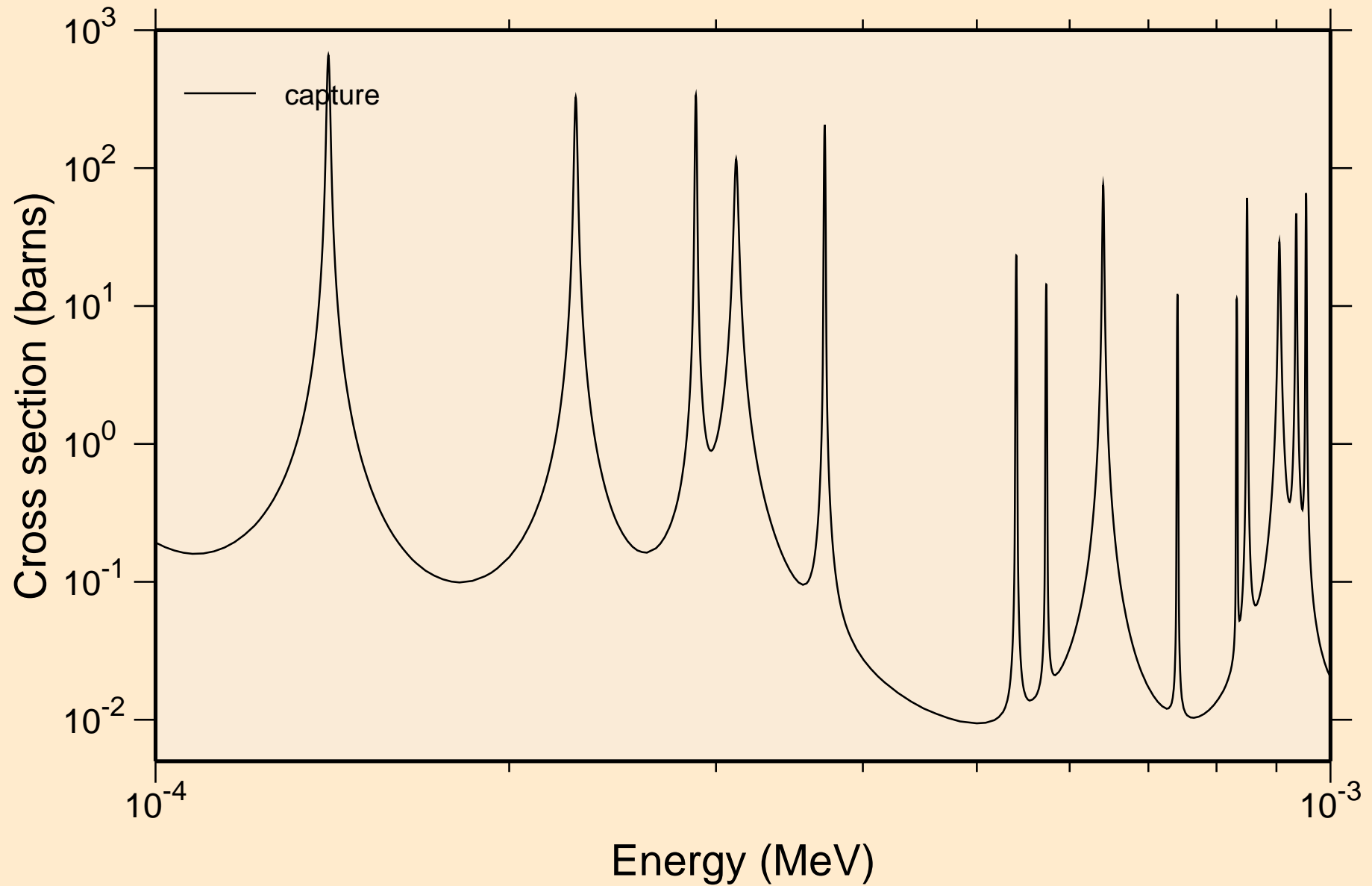


CE141 NRG TENDL-2015, AKONING  
resonance absorption cross sections



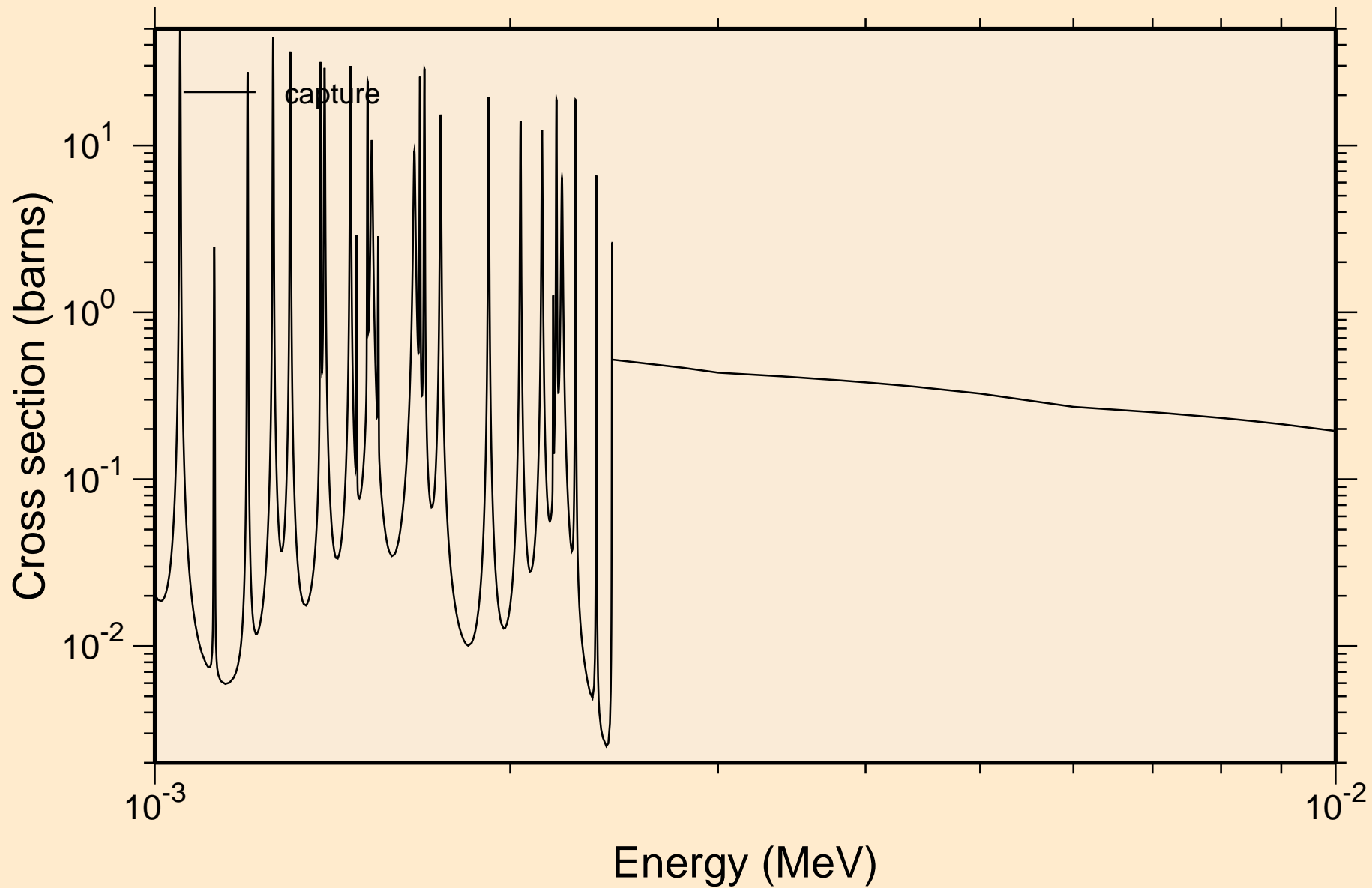
# CE141 NRG TENDL-2015, AKONING

## resonance absorption cross sections

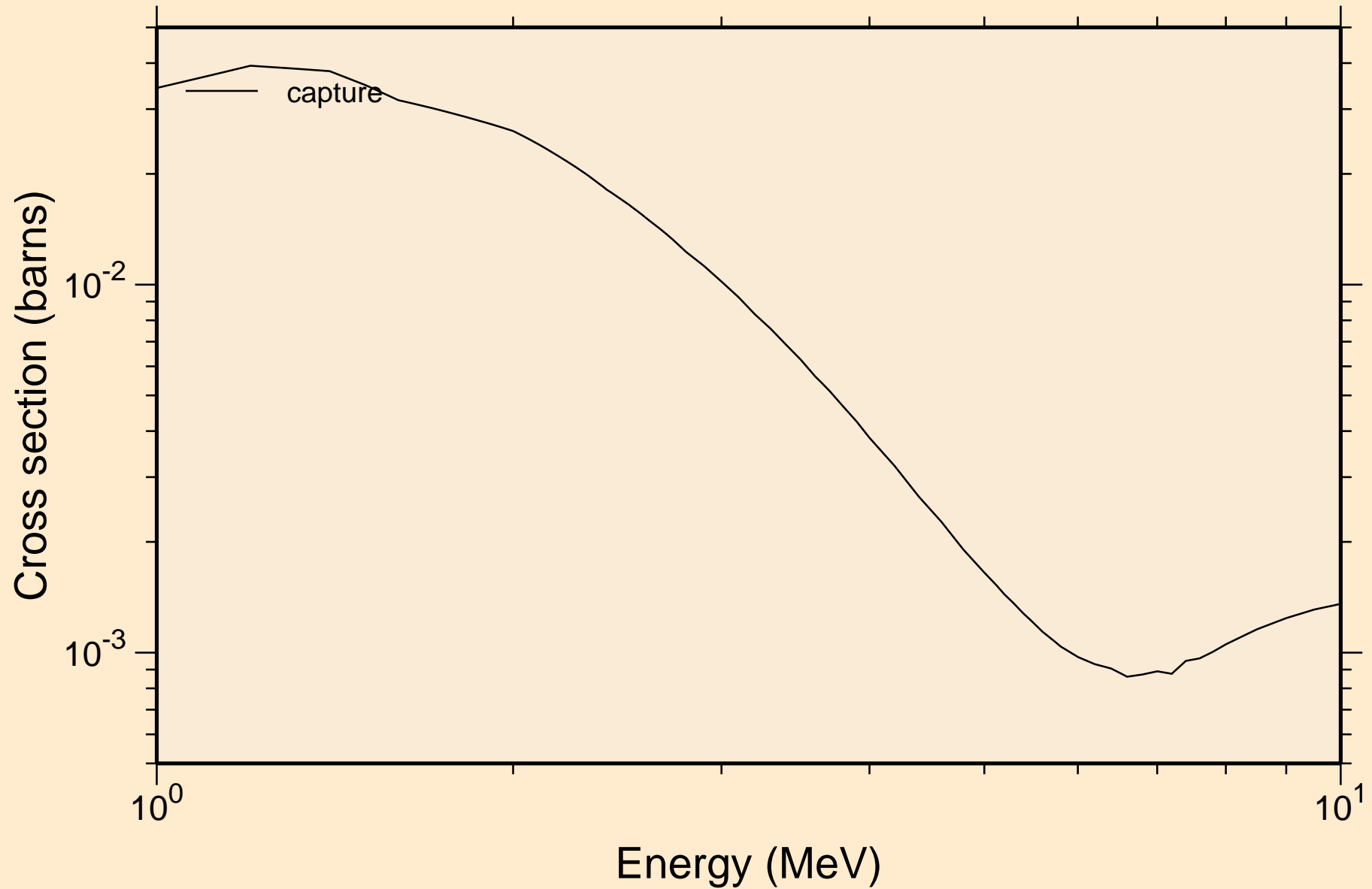




CE141 NRG TENDL-2015, AKONING  
resonance absorption cross sections

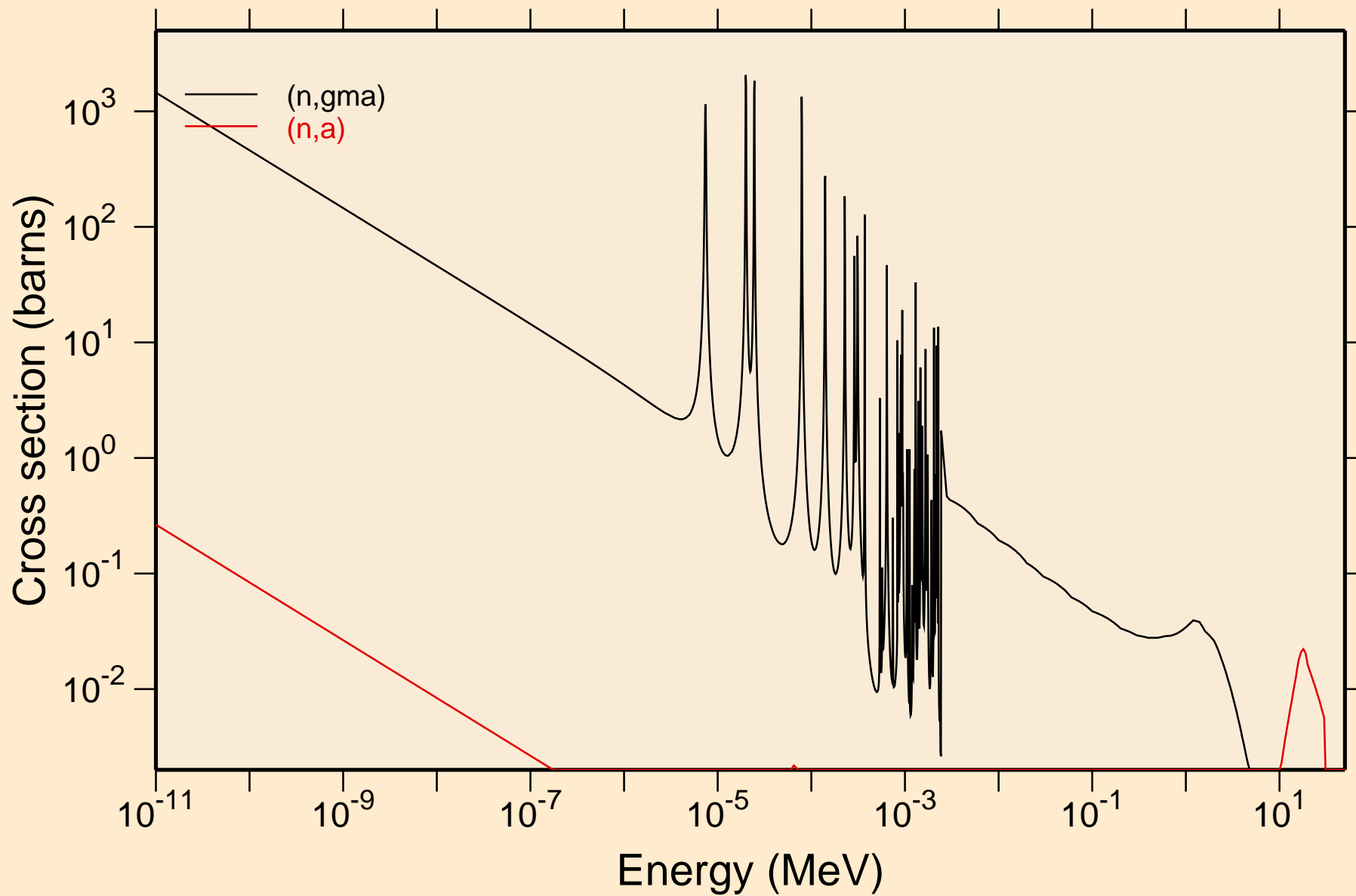


CE141 NRG TENDL-2015, AKONING  
resonance absorption cross sections



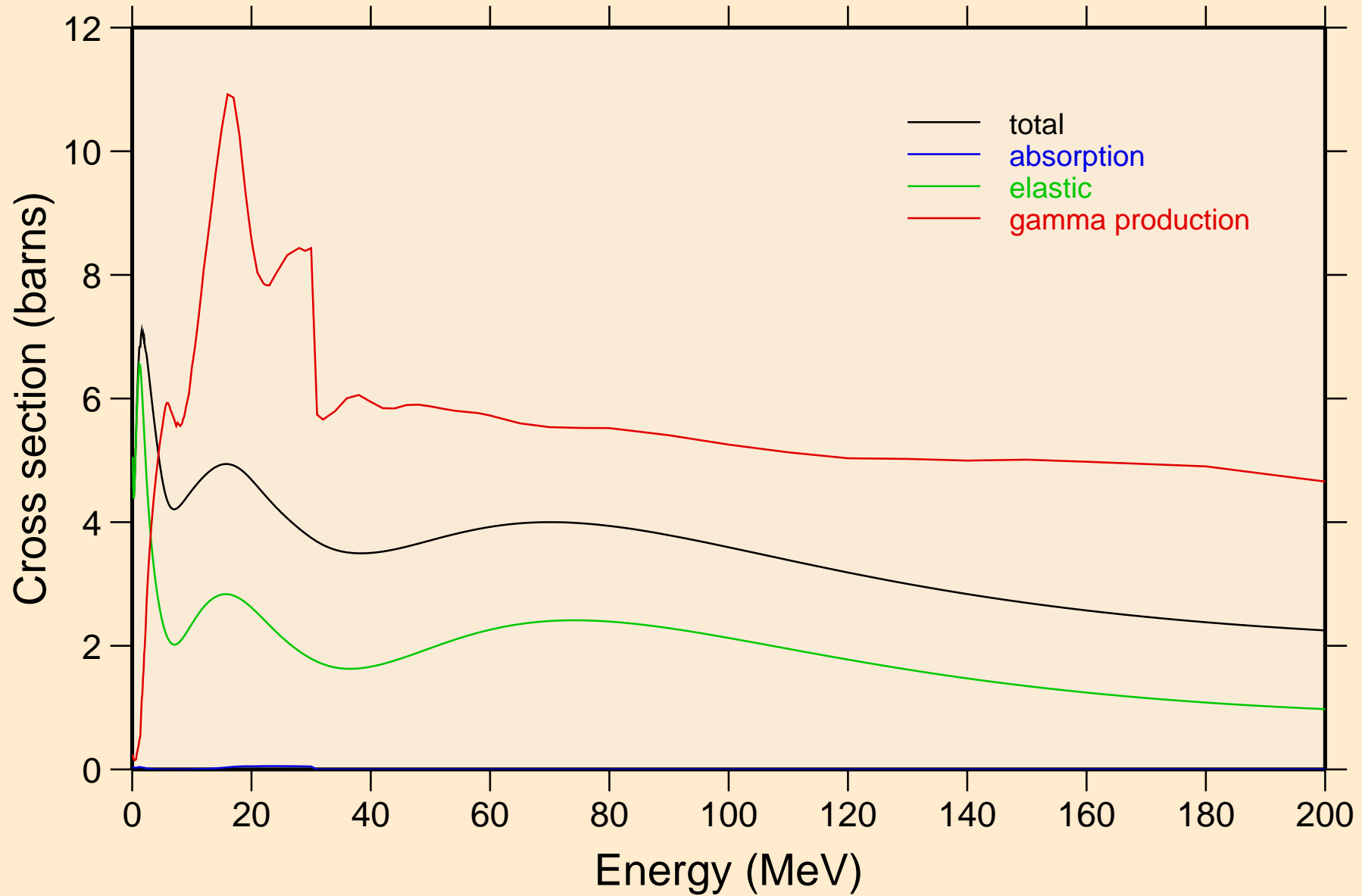
# CE141 NRG TENDL-2015, AKONING

## Non-threshold reactions



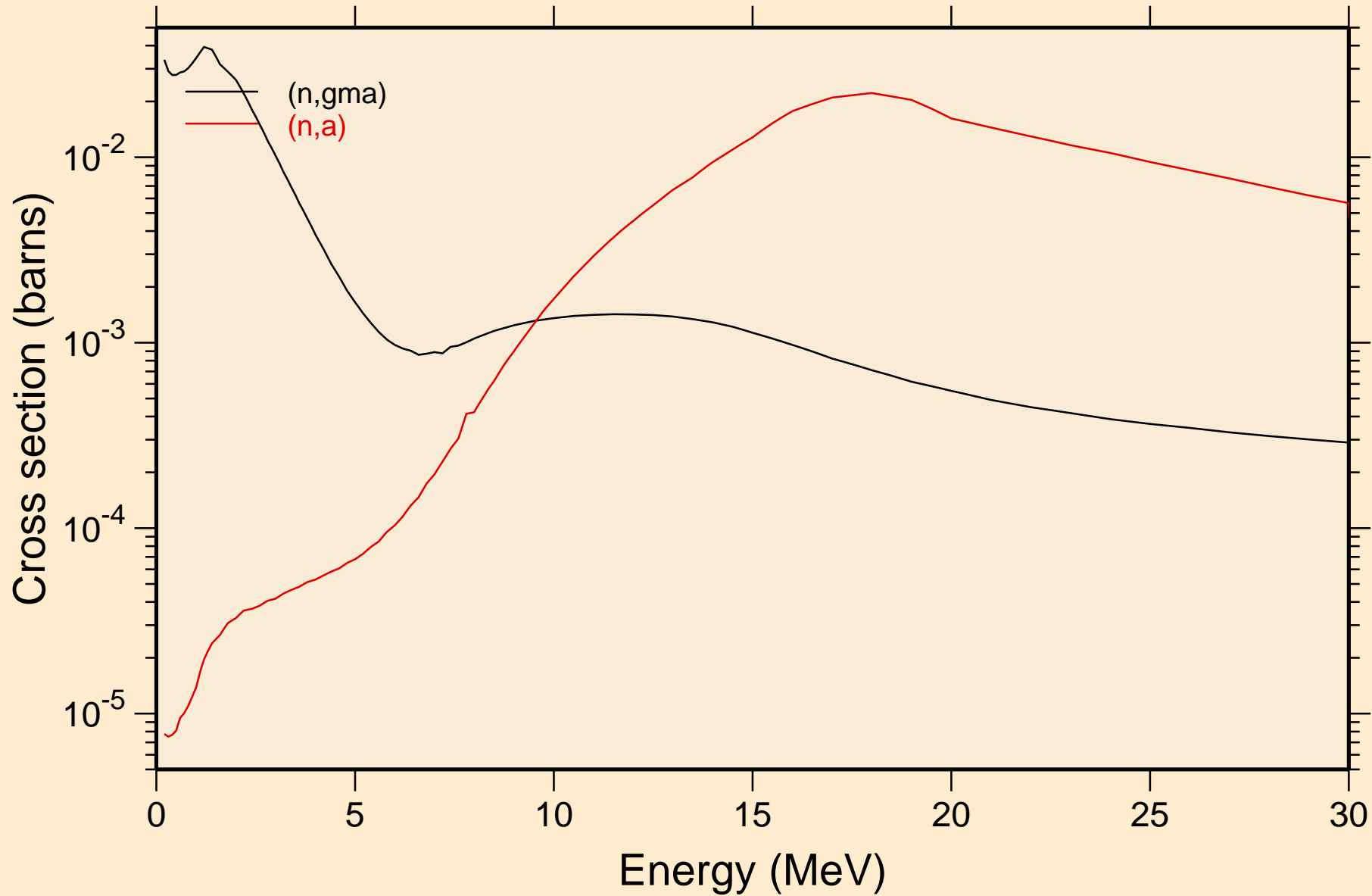
# CE141 NRG TENDL-2015, AKONING

## Principal cross sections



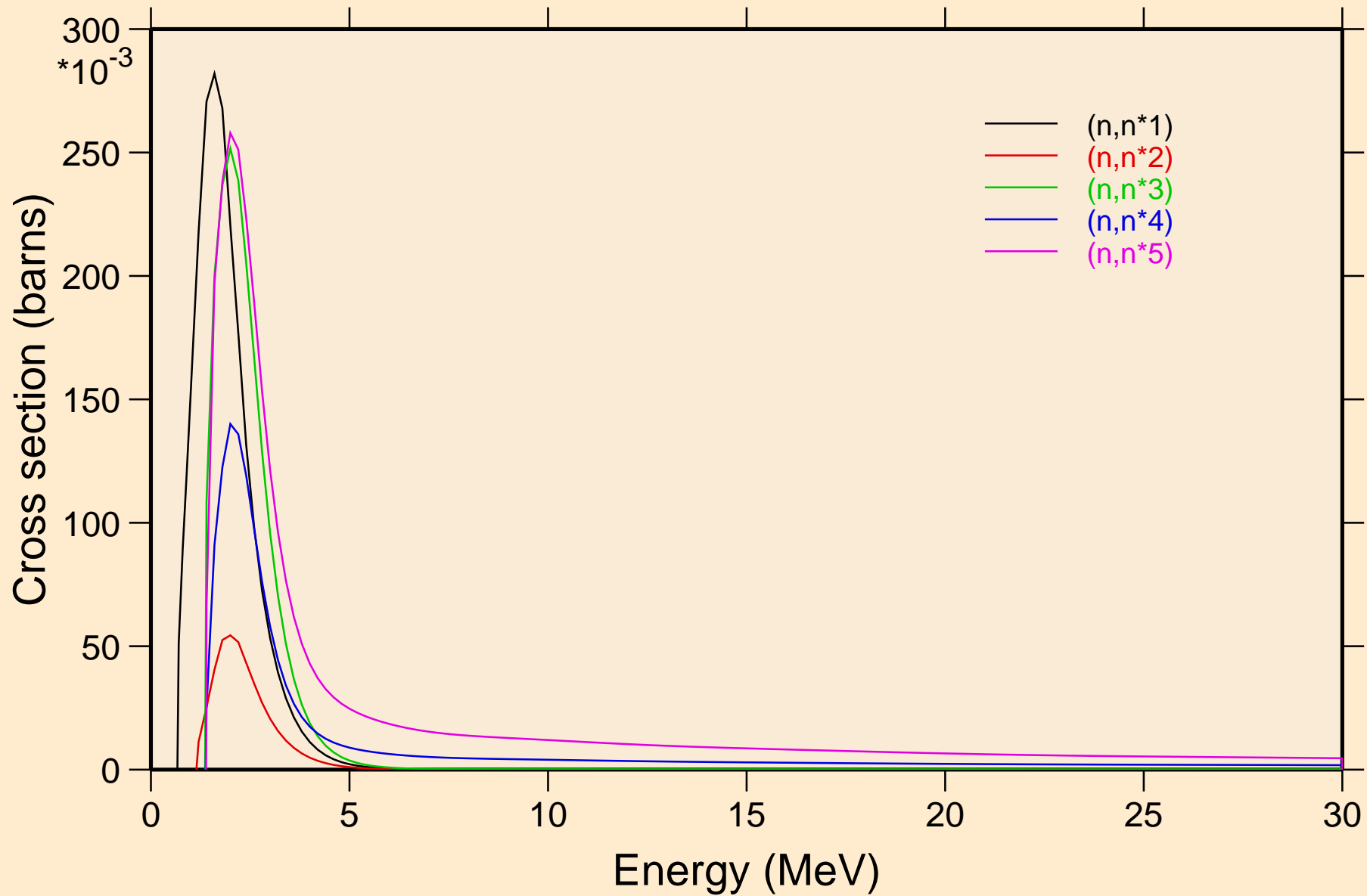
# CE141 NRG TENDL-2015, AKONING

## Non-threshold reactions



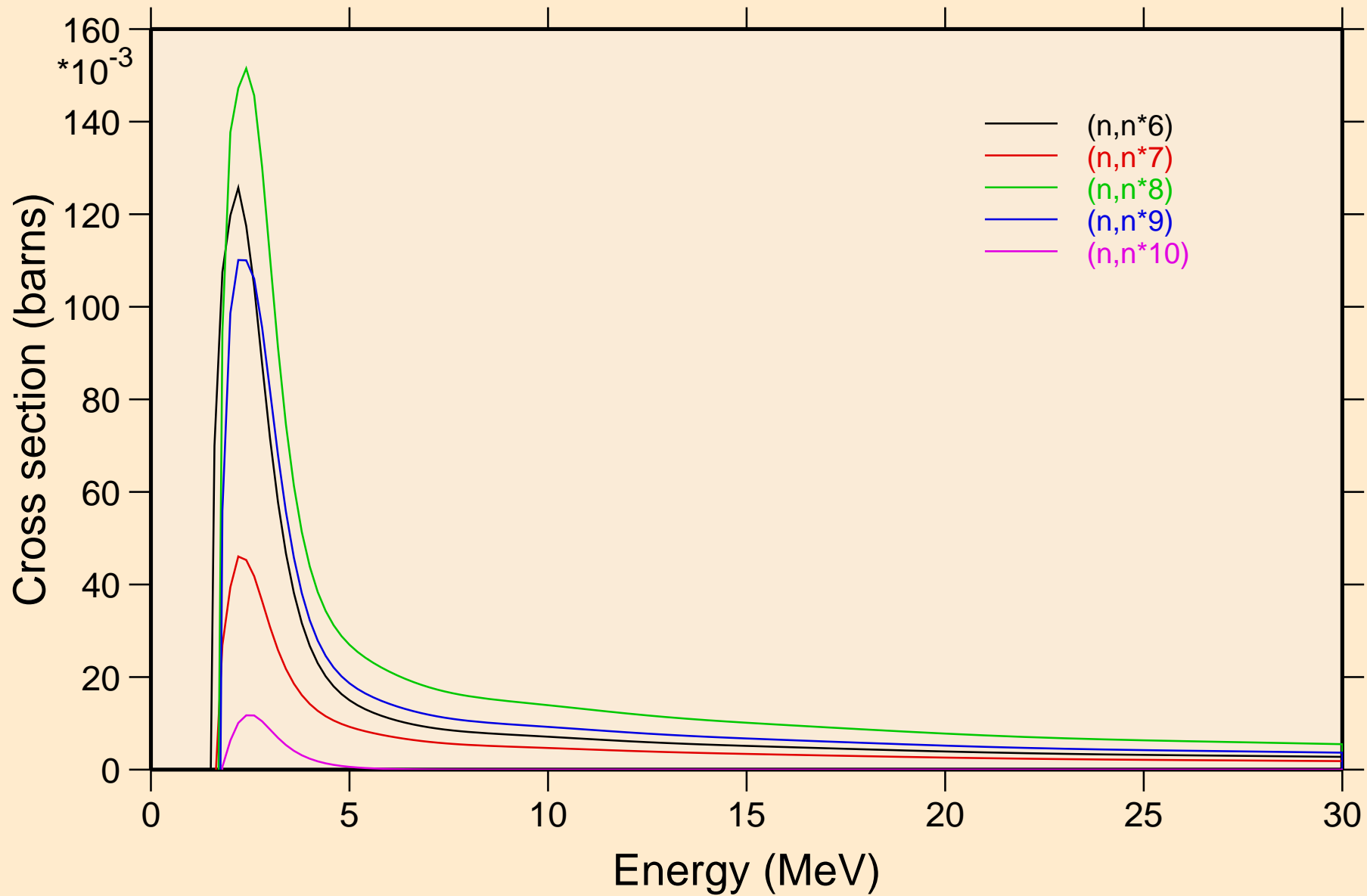
# CE141 NRG TENDL-2015, AKONING

## Inelastic levels



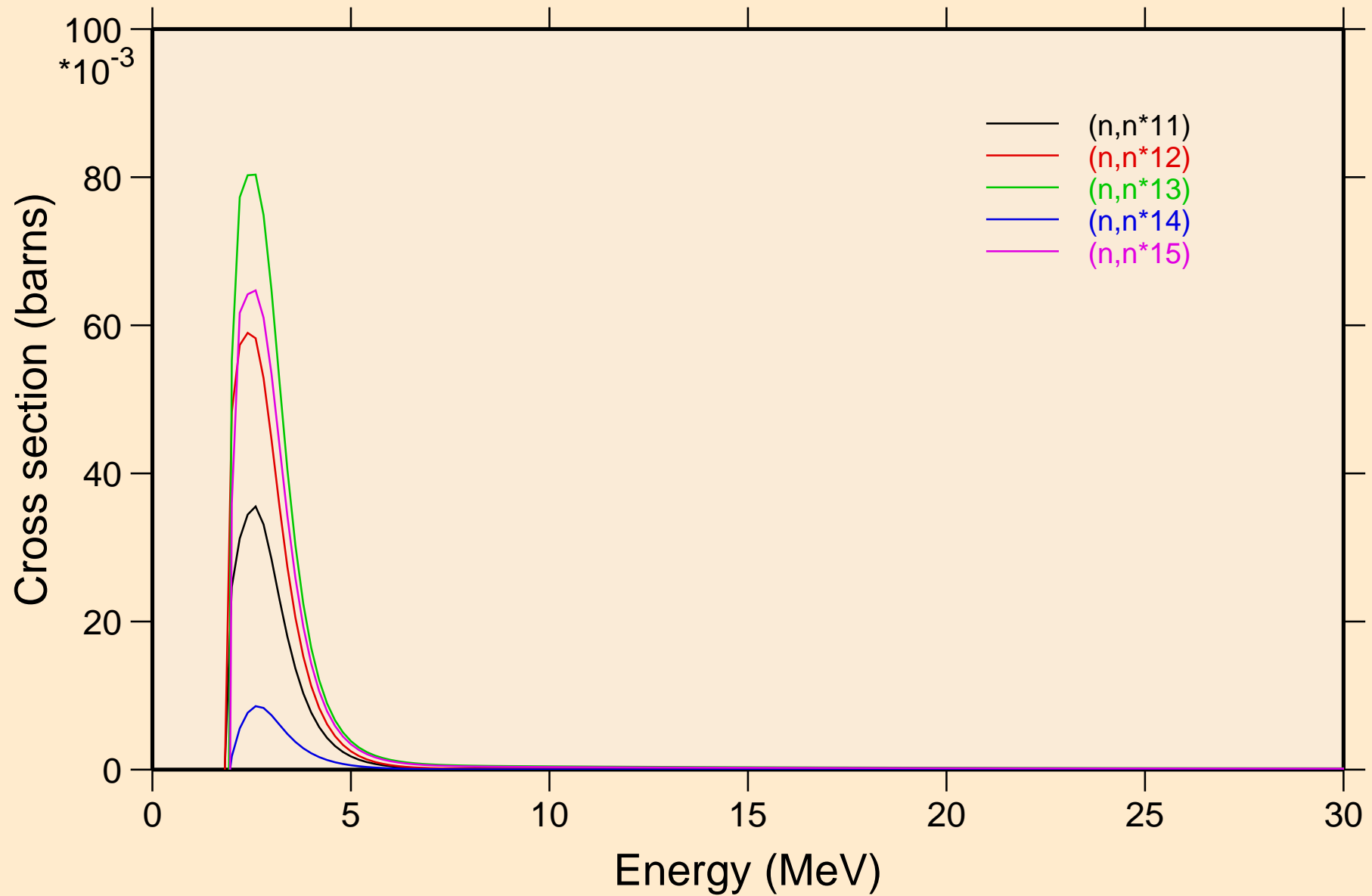
# CE141 NRG TENDL-2015, AKONING

## Inelastic levels



# CE141 NRG TENDL-2015, AKONING

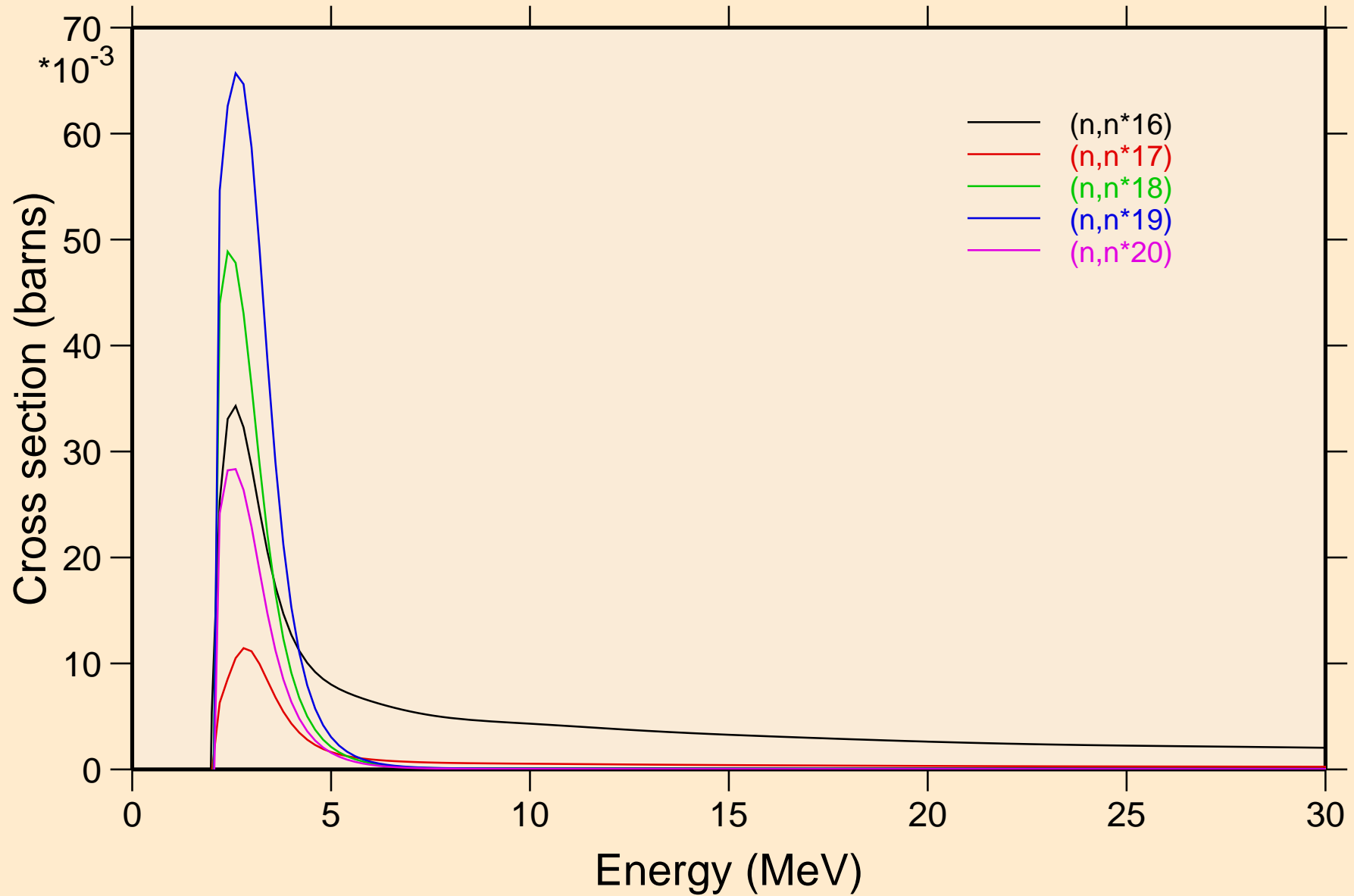
## Inelastic levels





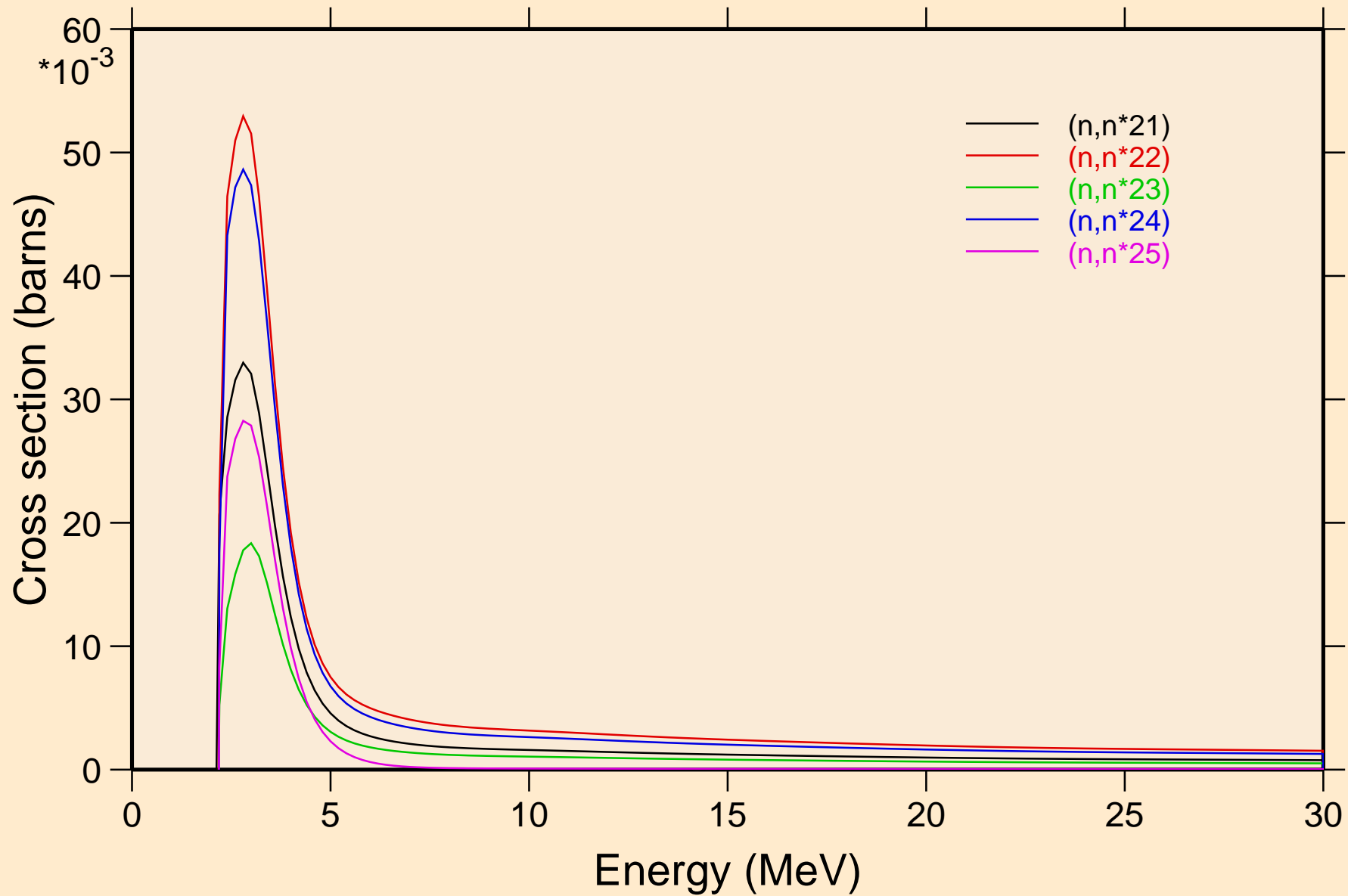
# CE141 NRG TENDL-2015, AKONING

## Inelastic levels



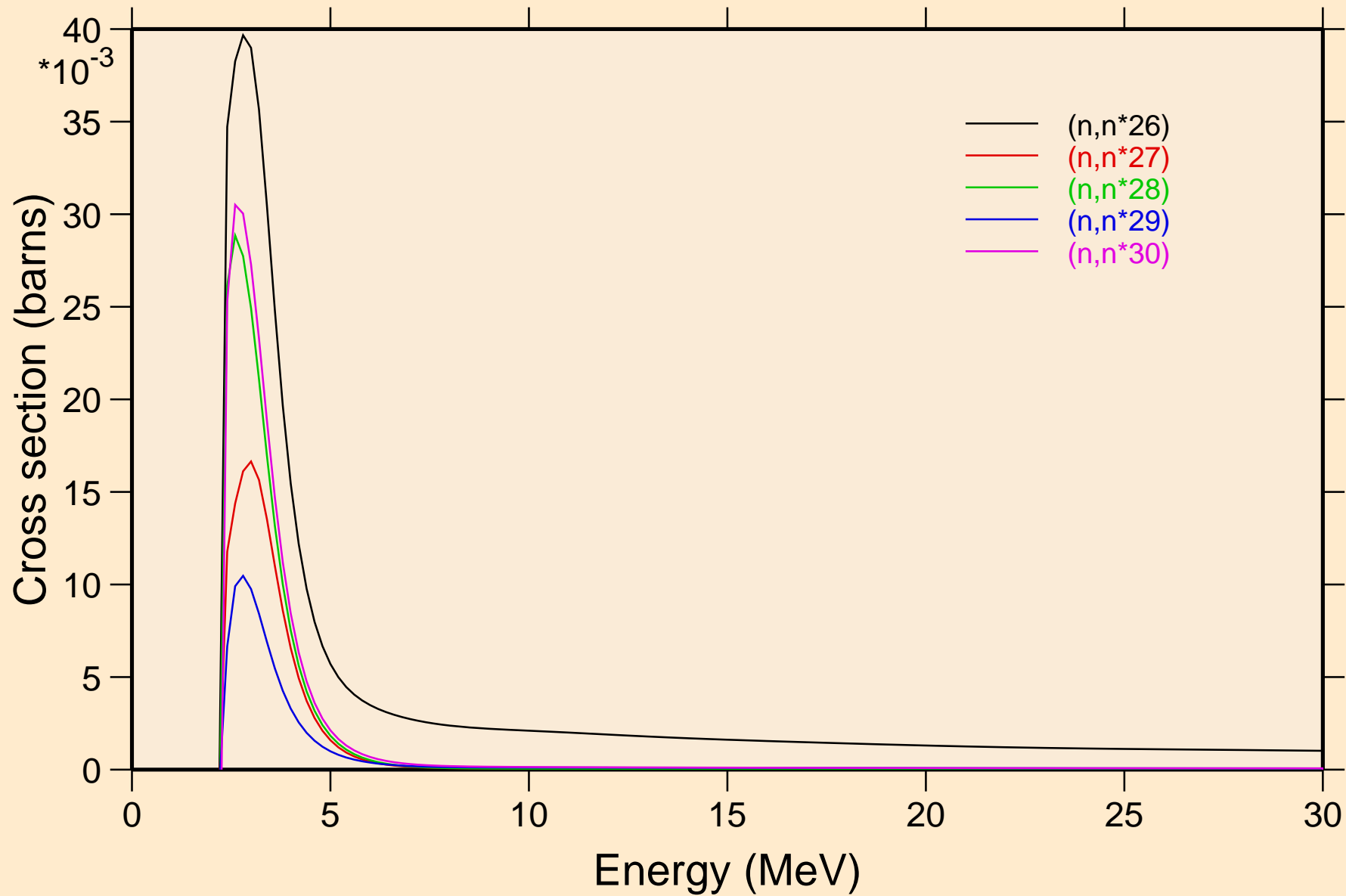
# CE141 NRG TENDL-2015, AKONING

## Inelastic levels



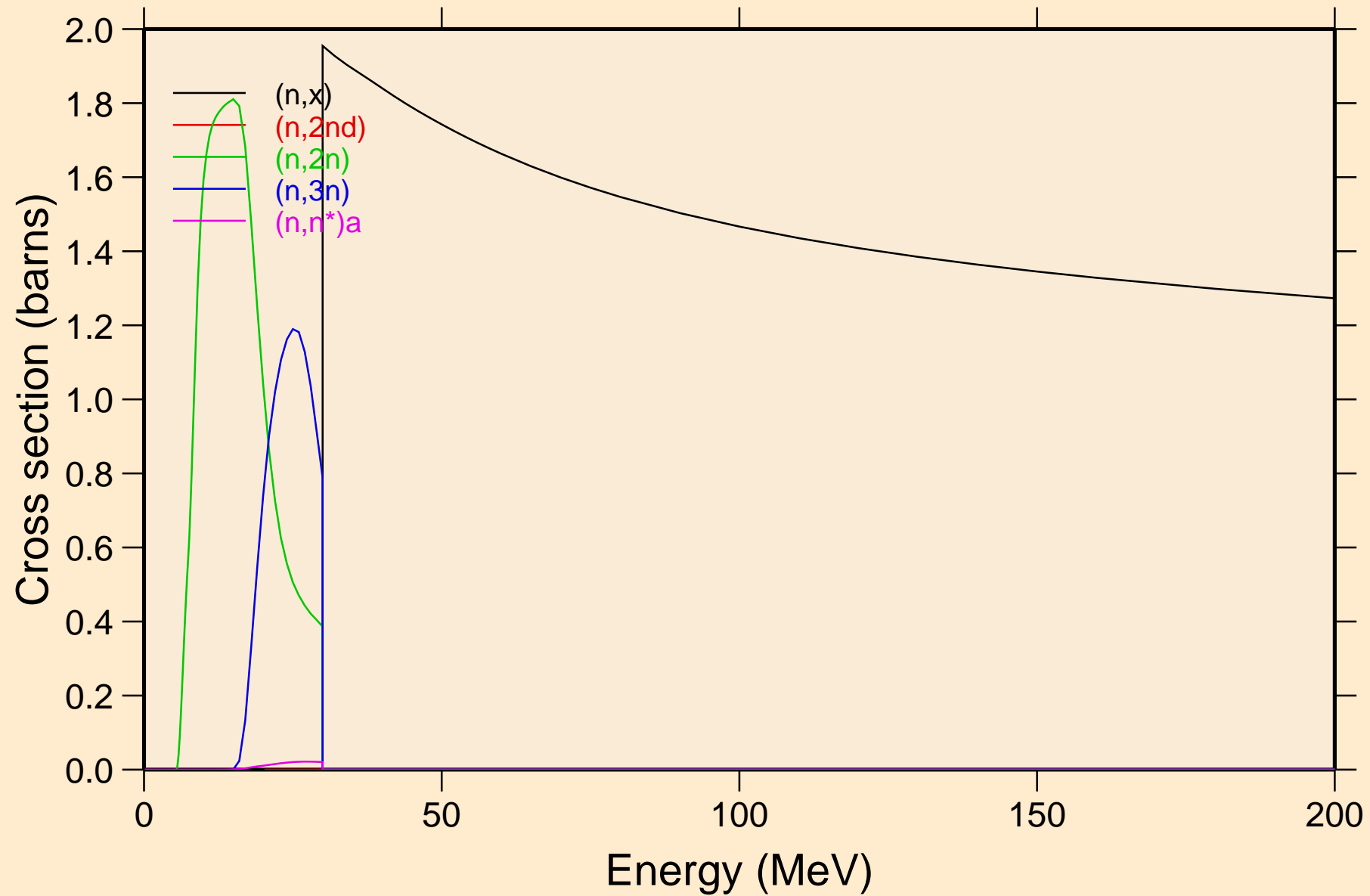
# CE141 NRG TENDL-2015, AKONING

## Inelastic levels



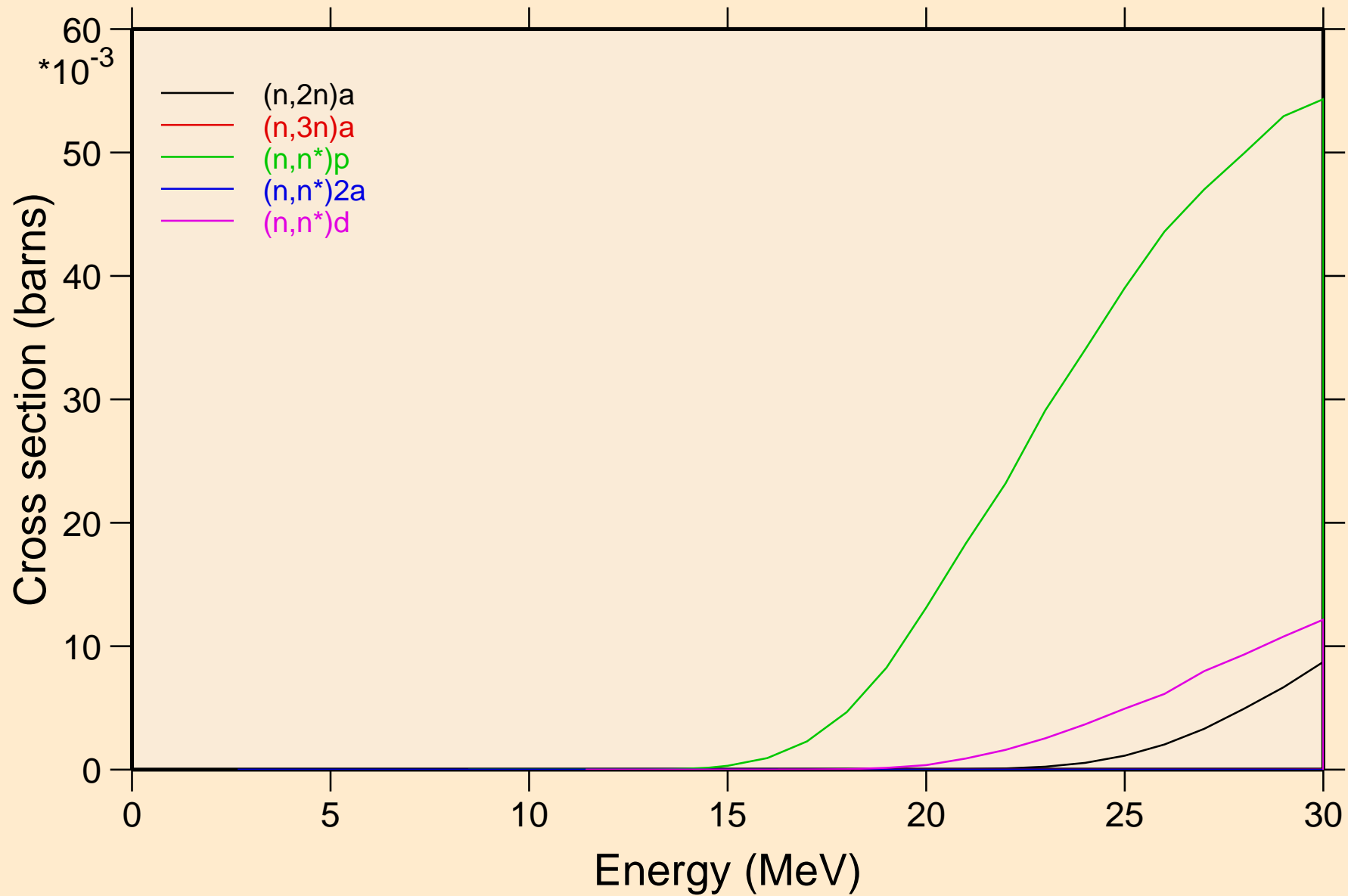
# CE141 NRG TENDL-2015, AKONING

## Threshold reactions



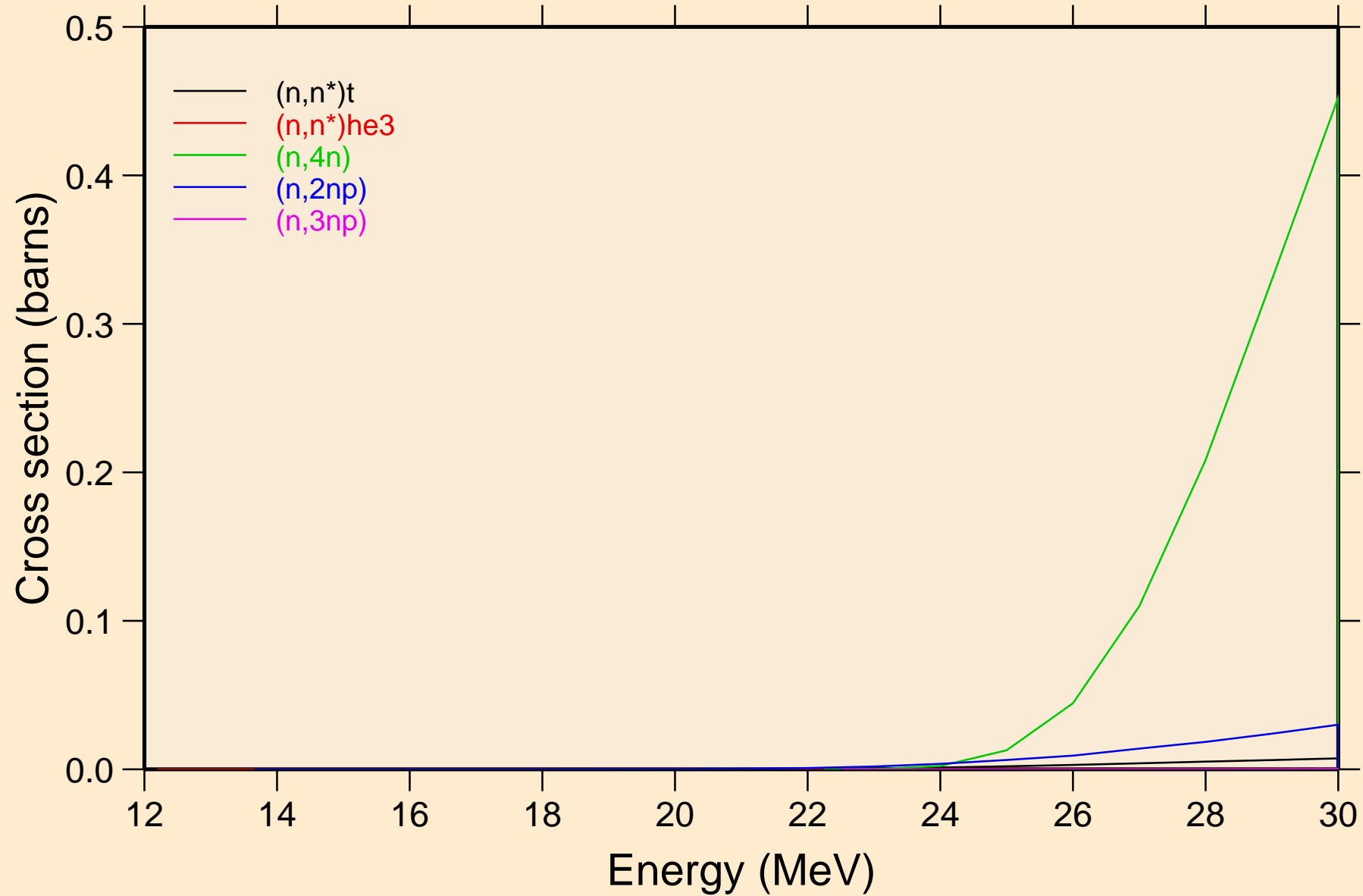
# CE141 NRG TENDL-2015, AKONING

## Threshold reactions



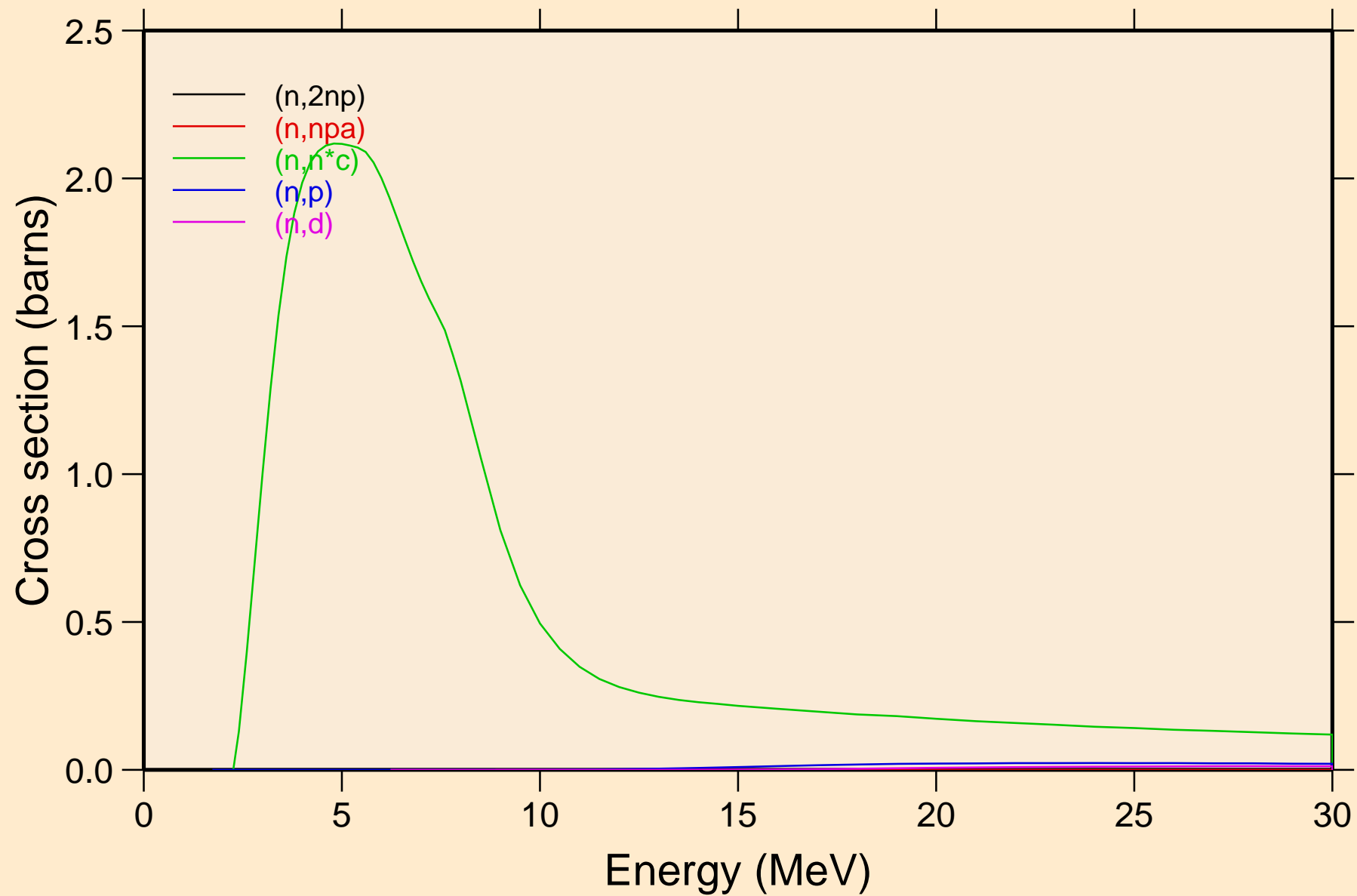
# CE141 NRG TENDL-2015, AKONING

## Threshold reactions



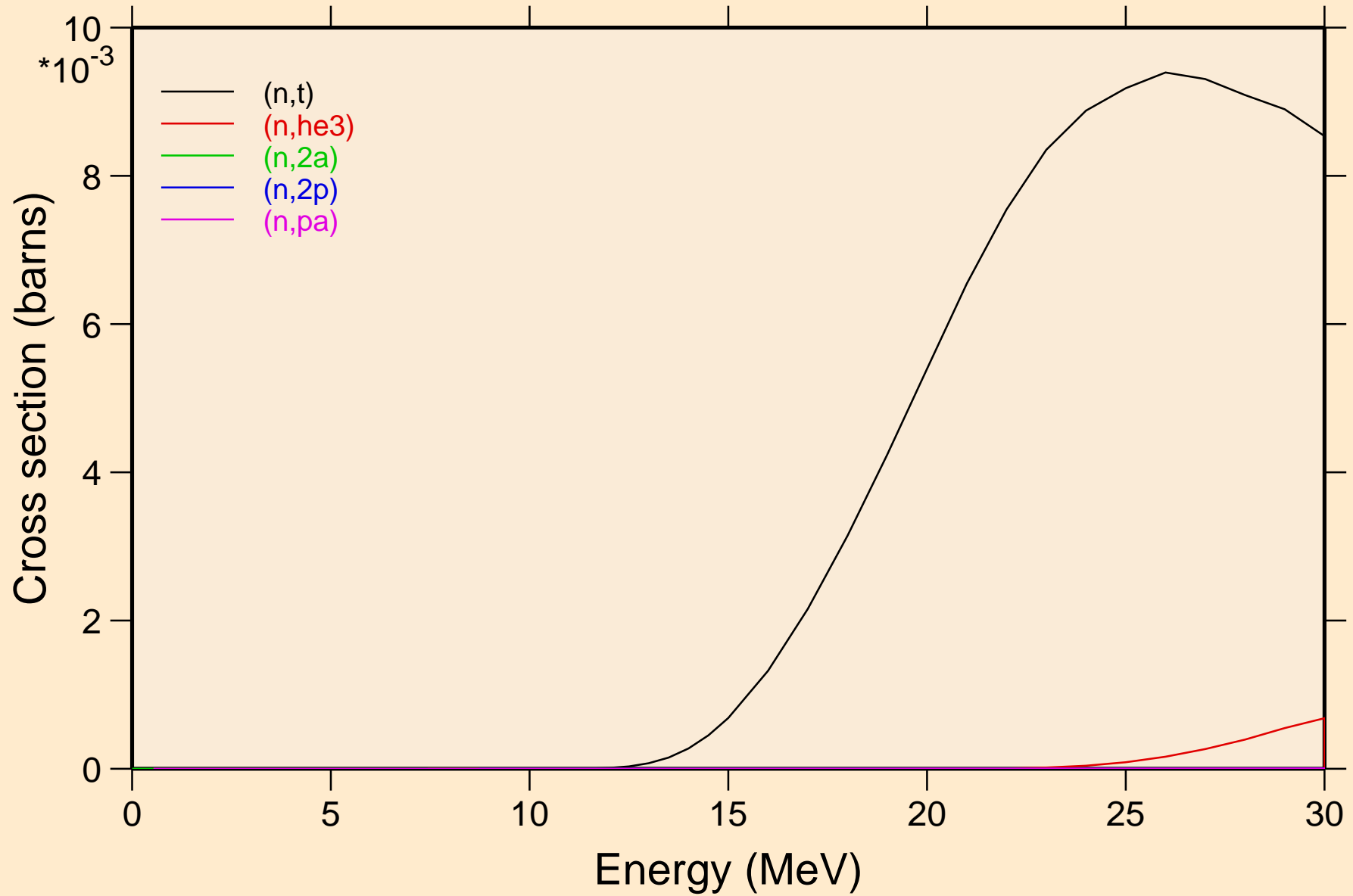
# CE141 NRG TENDL-2015, AKONING

## Threshold reactions



# CE141 NRG TENDL-2015, AKONING

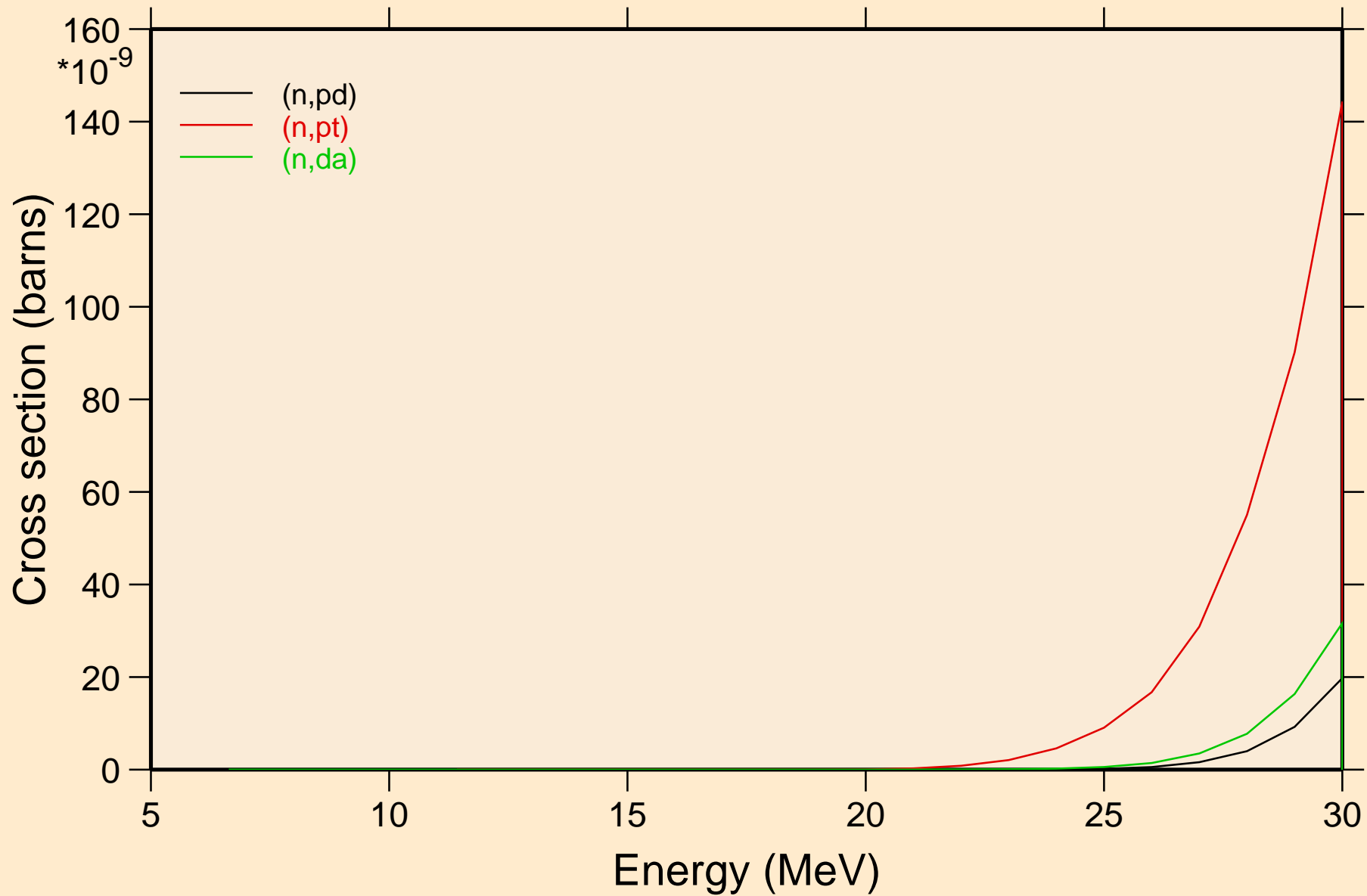
## Threshold reactions



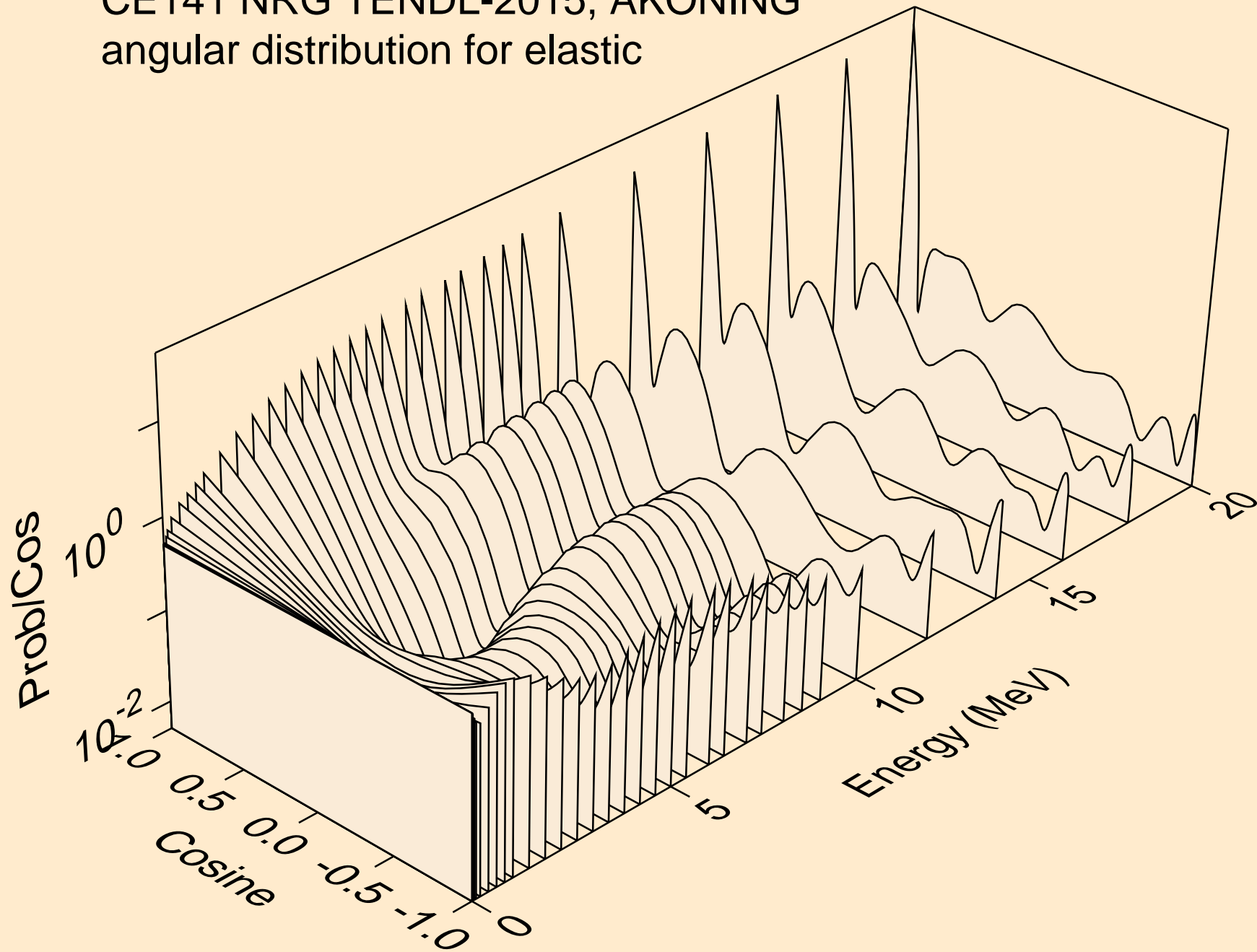


# CE141 NRG TENDL-2015, AKONING

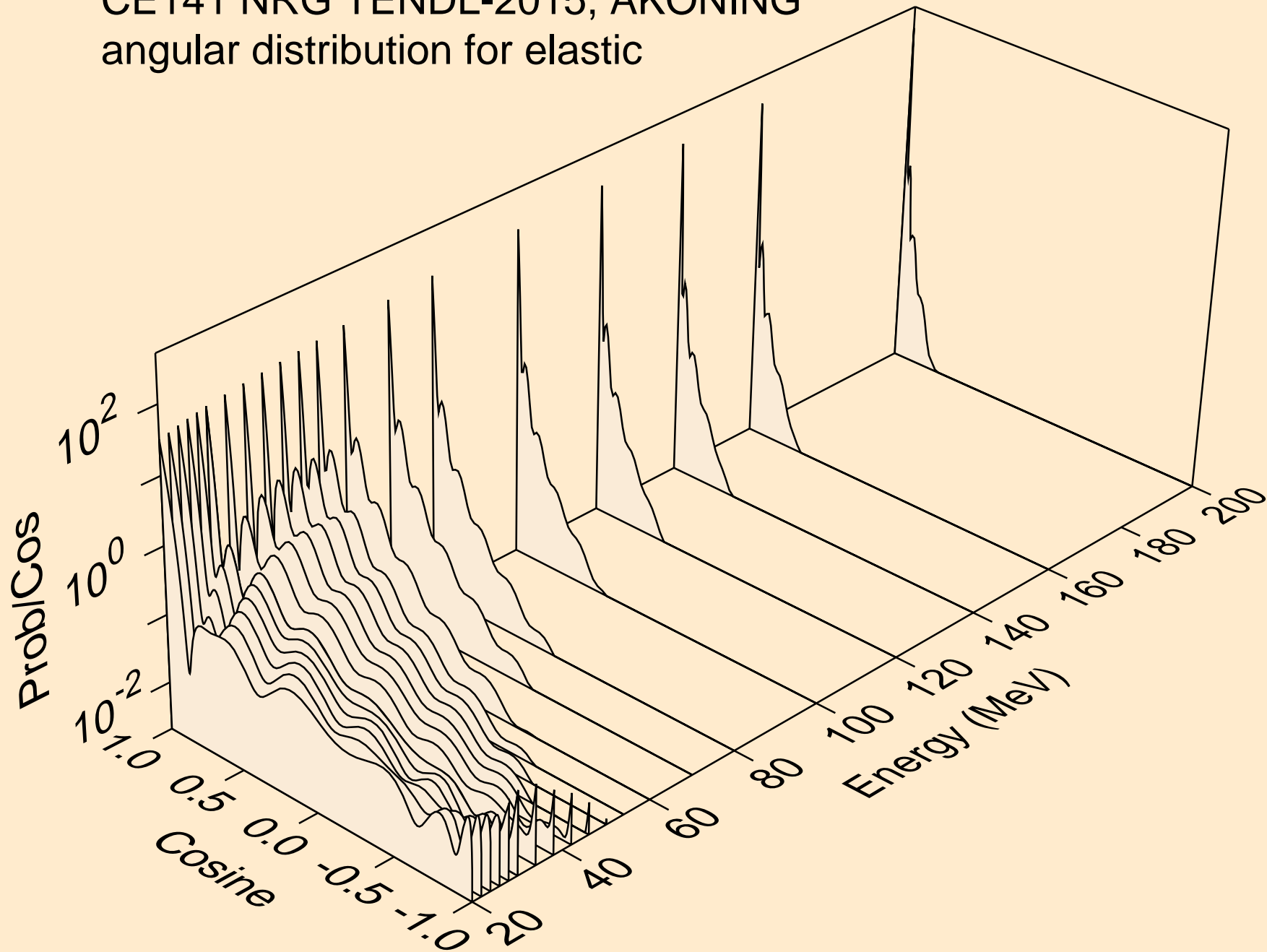
## Threshold reactions



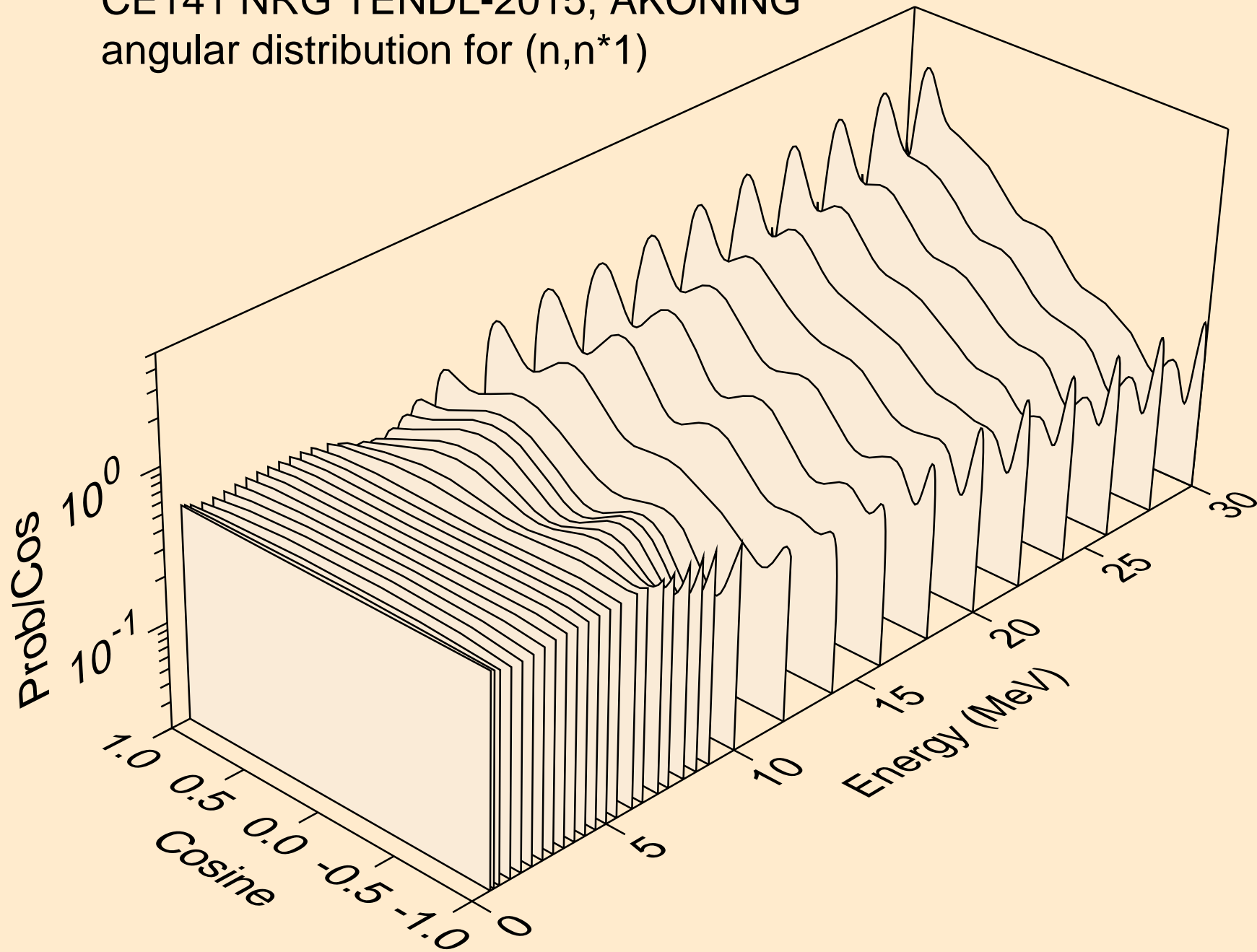
CE141 NRG TENDL-2015, AKONING  
angular distribution for elastic



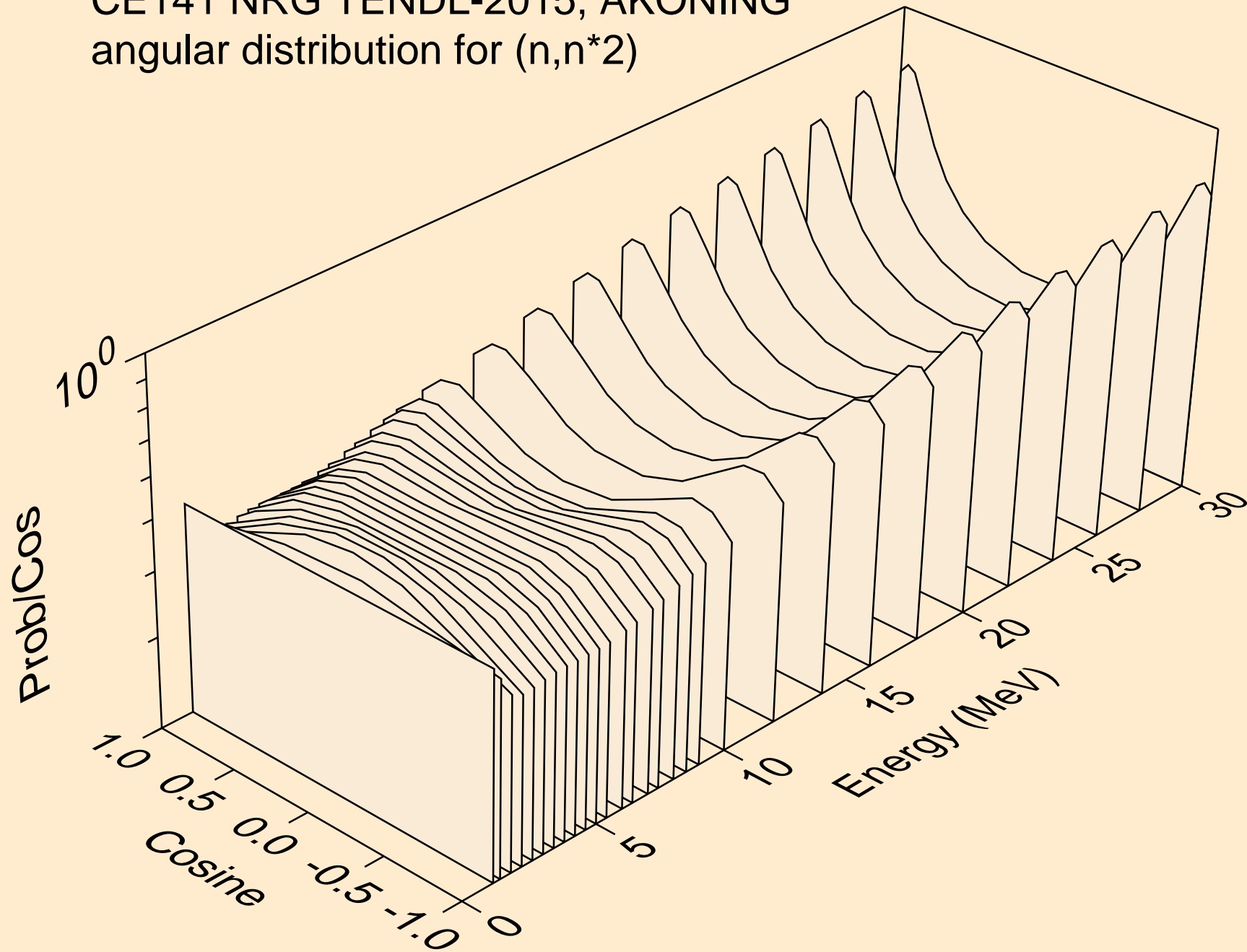
CE141 NRG TENDL-2015, AKONING  
angular distribution for elastic



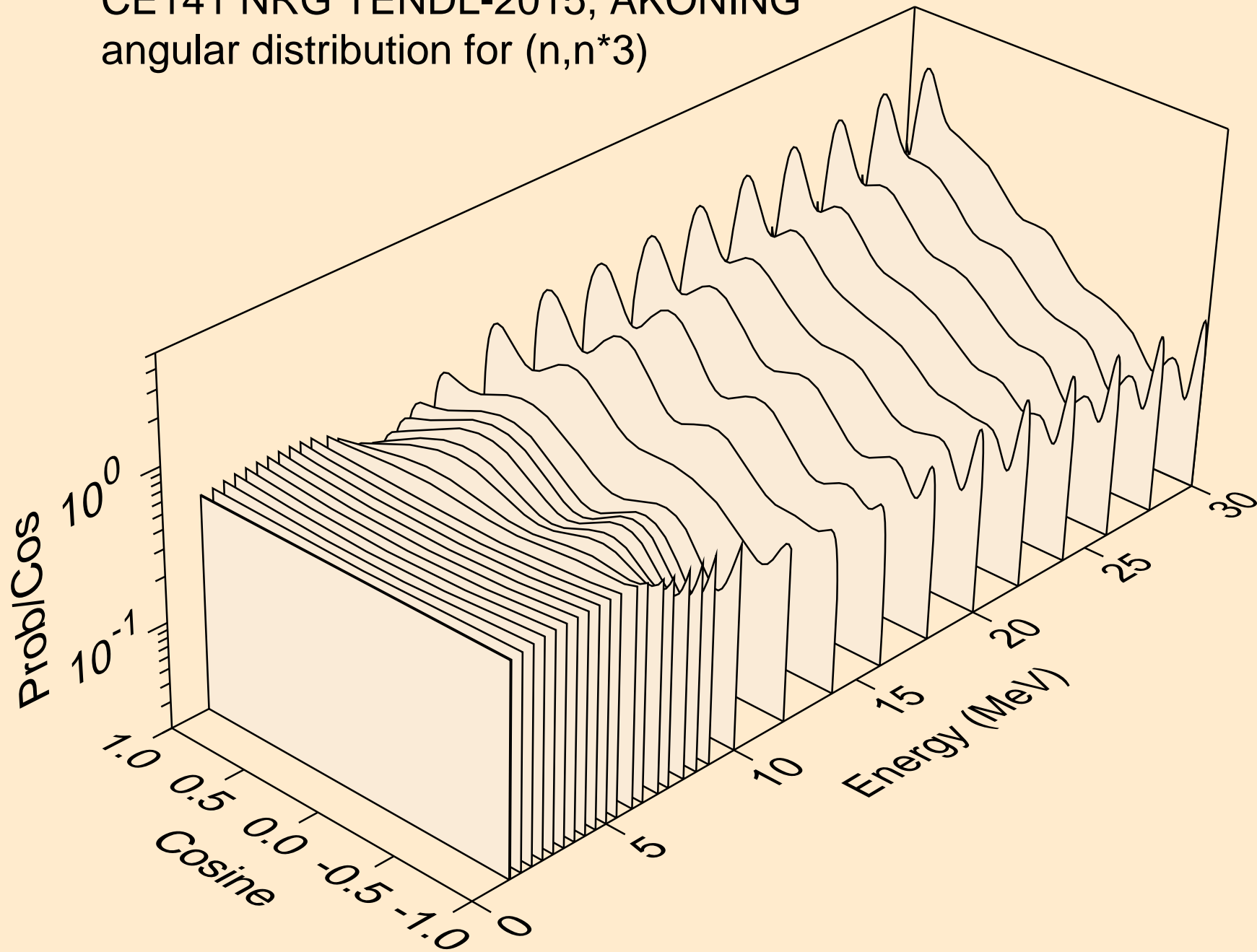
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



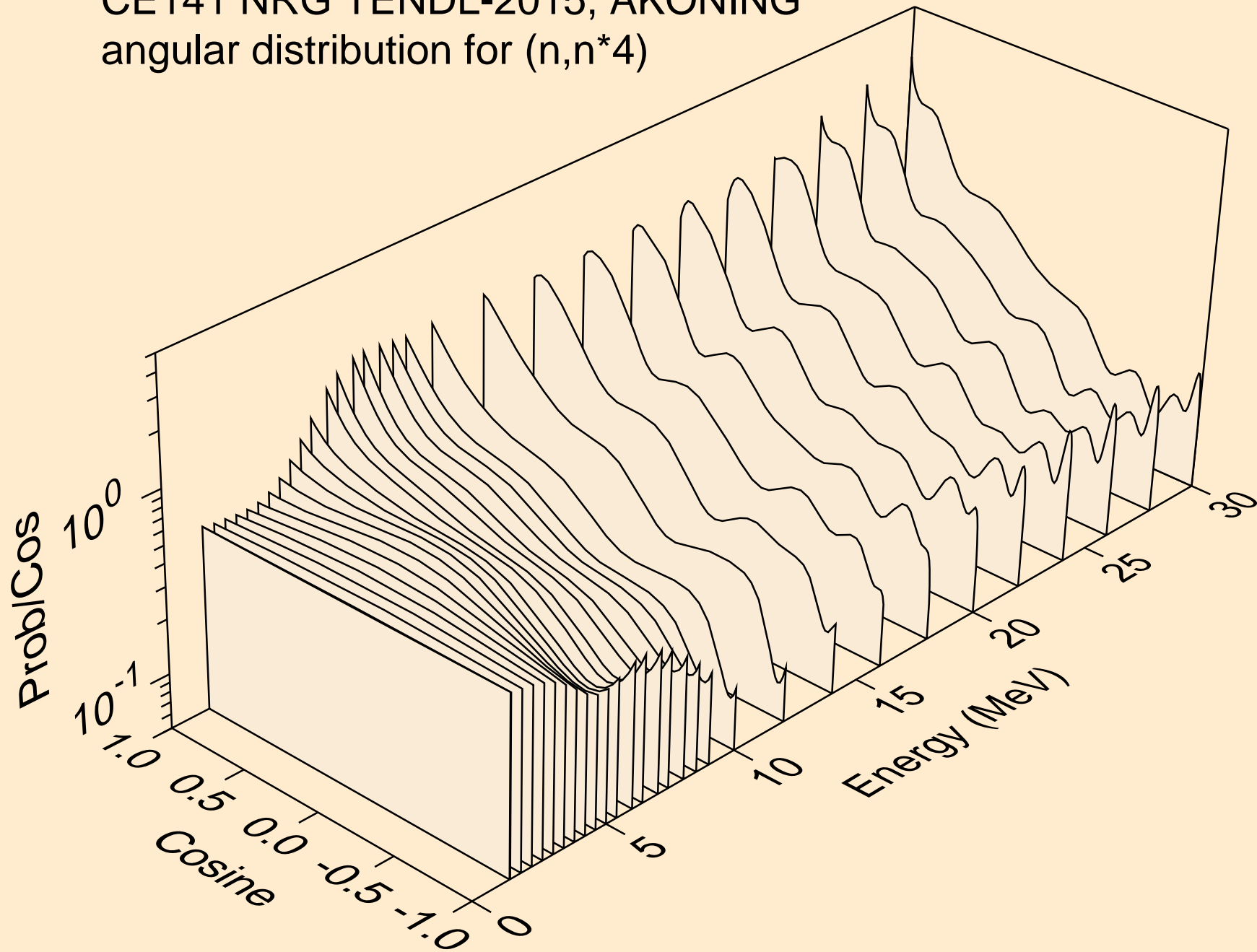
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



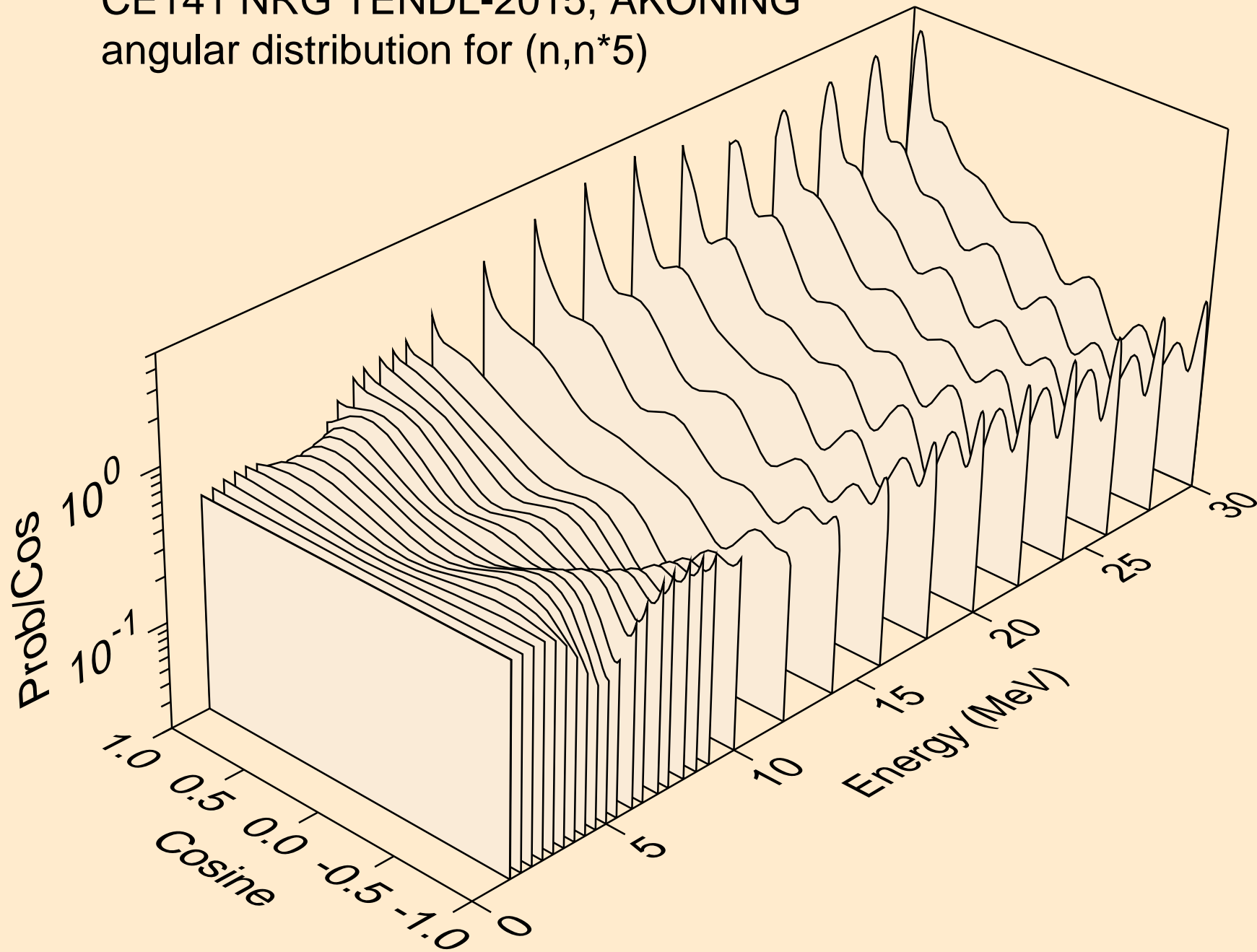
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

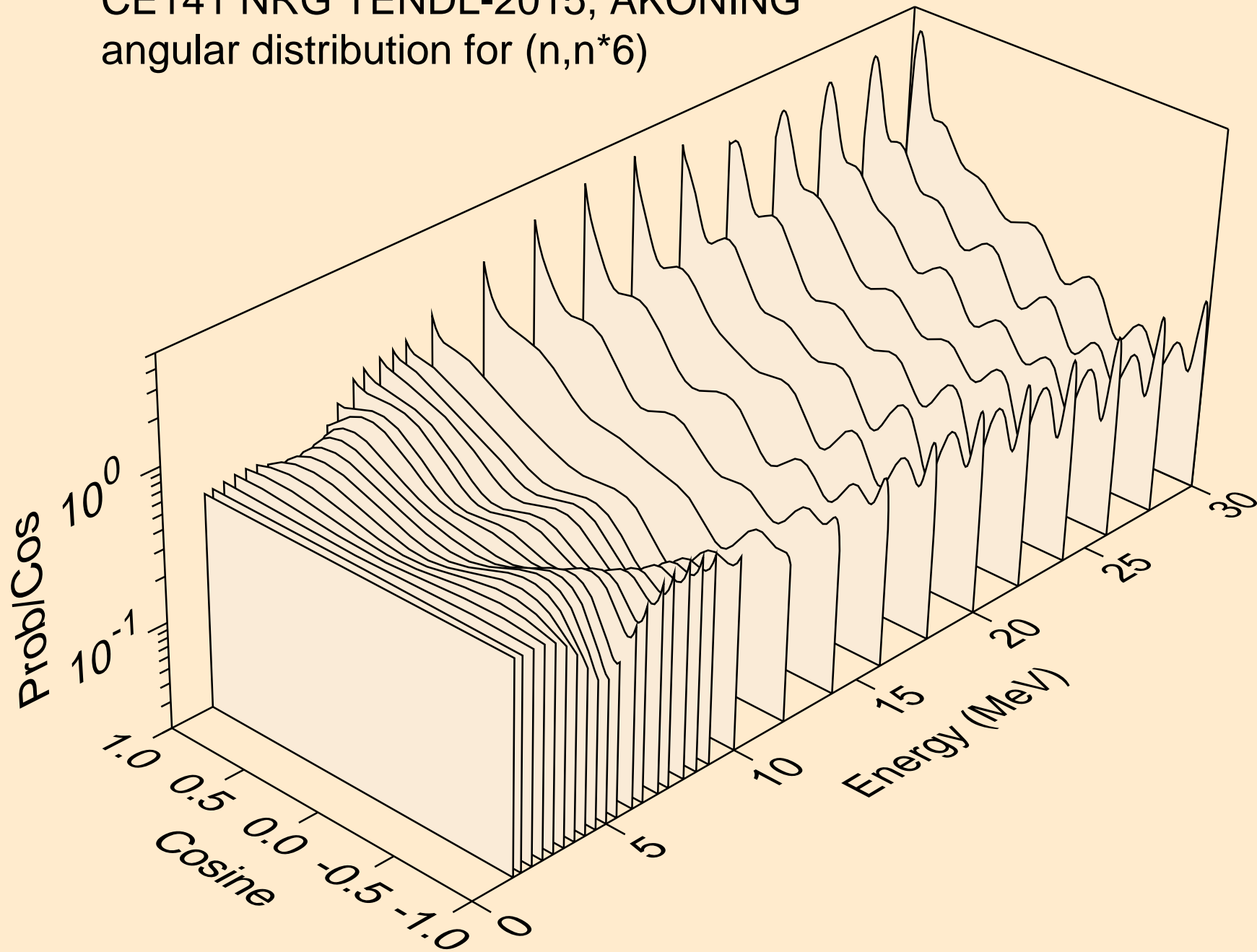


CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

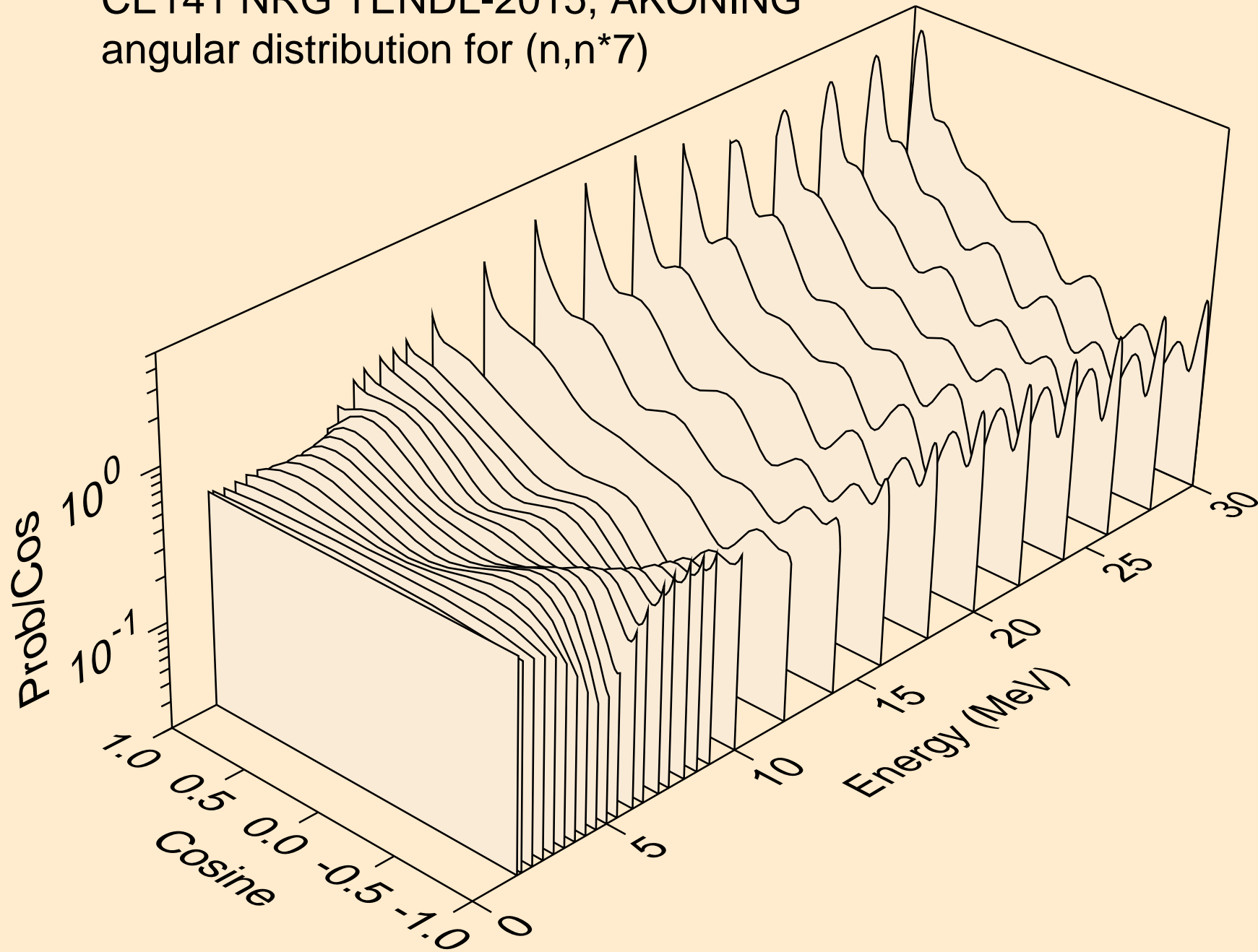




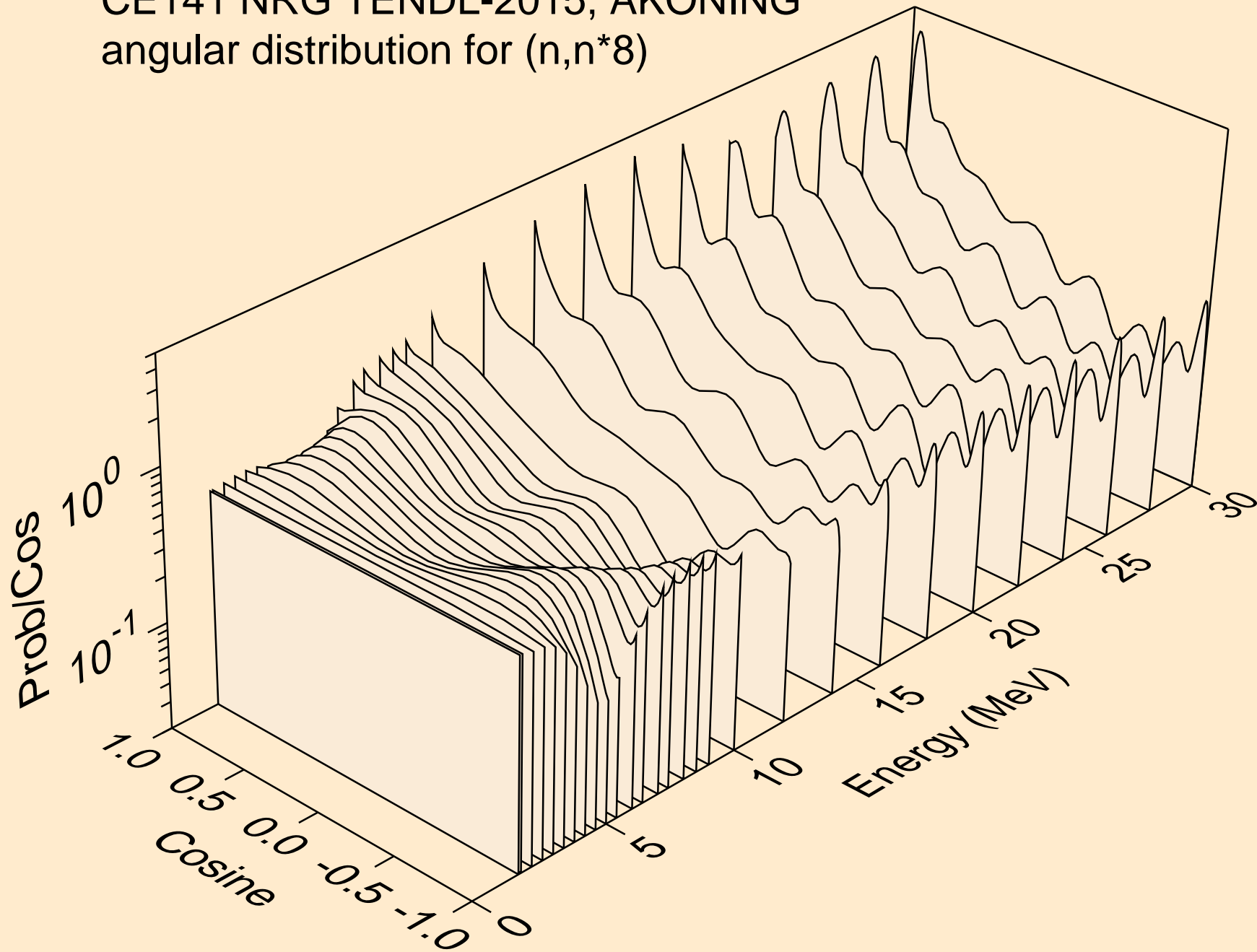
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



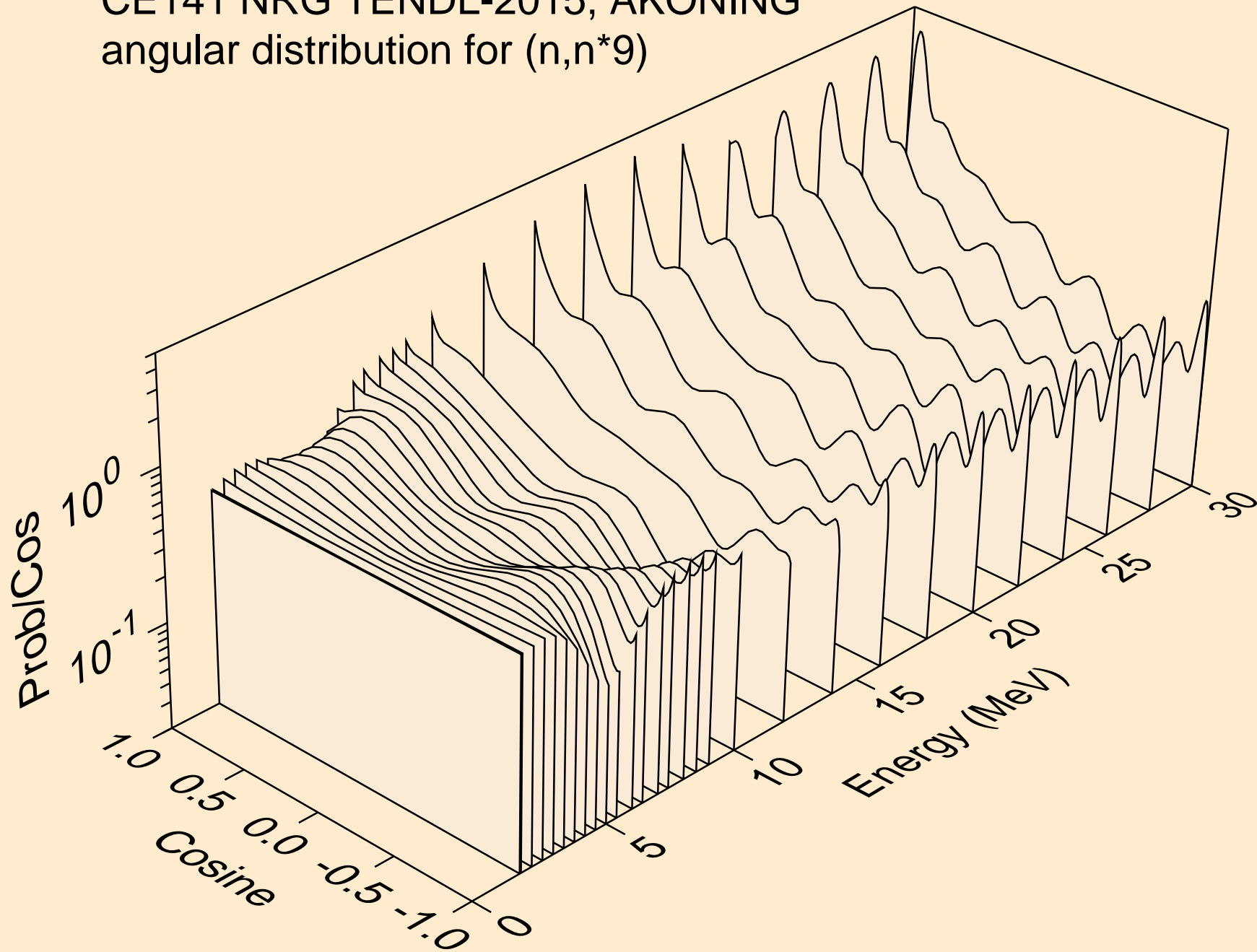
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



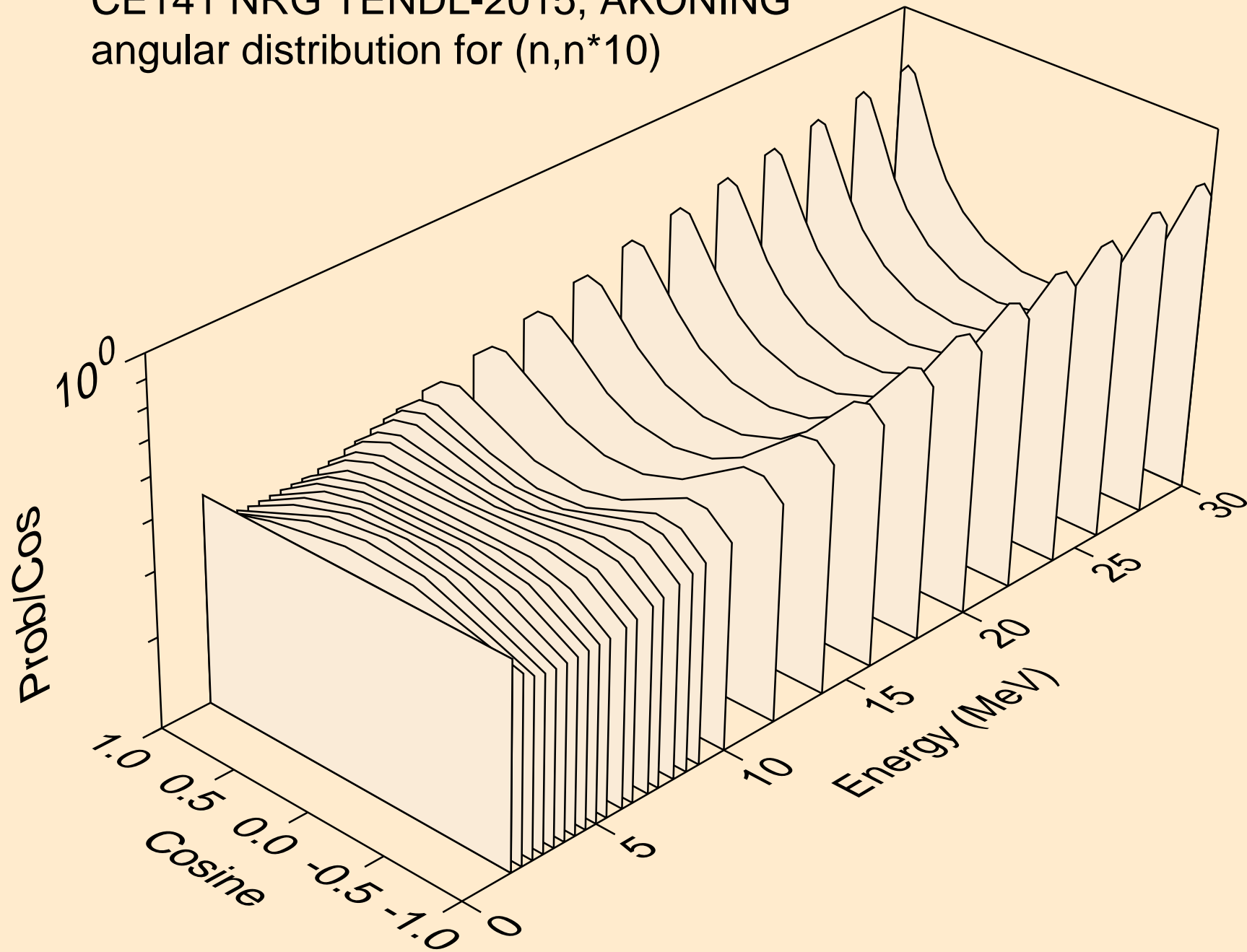
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



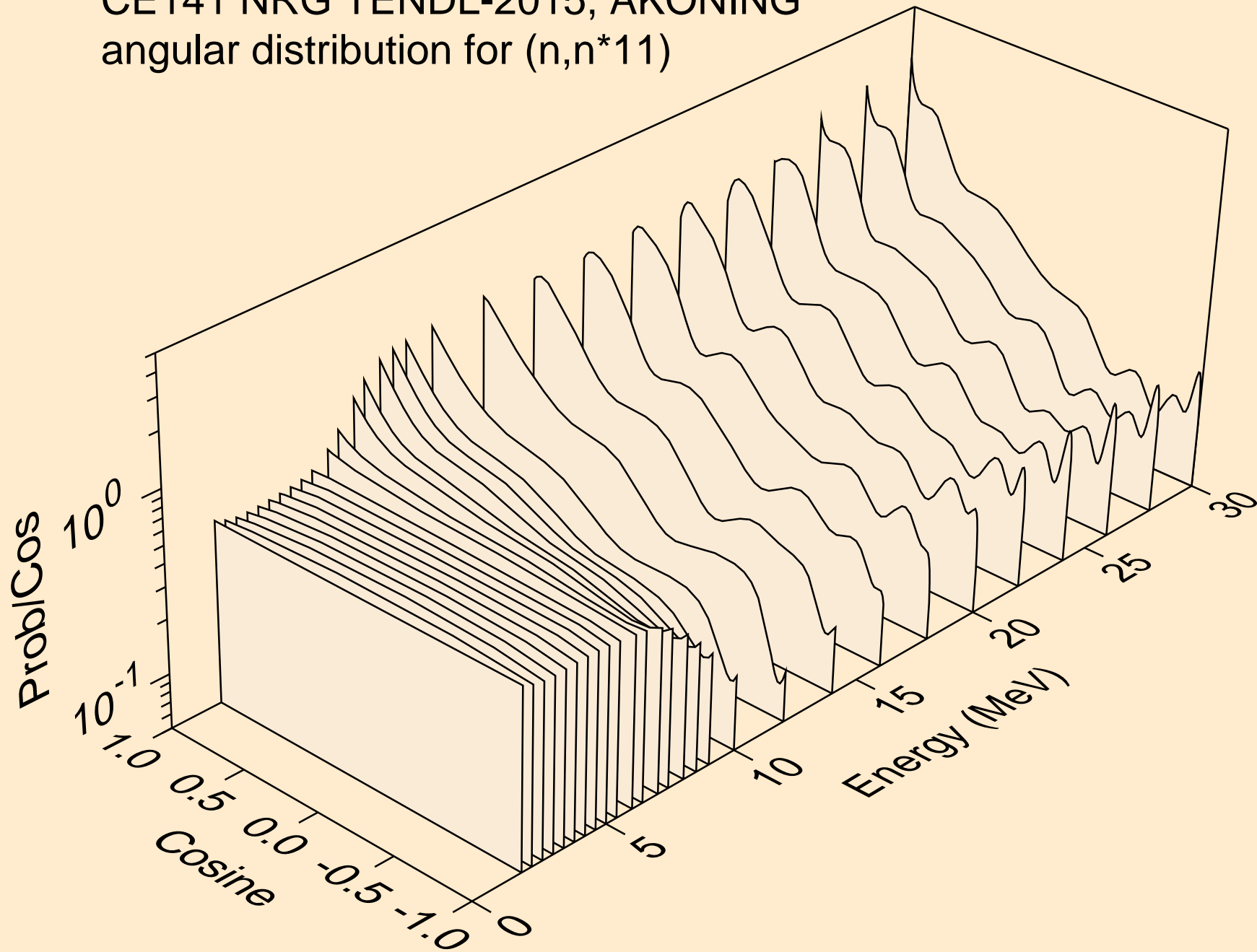
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



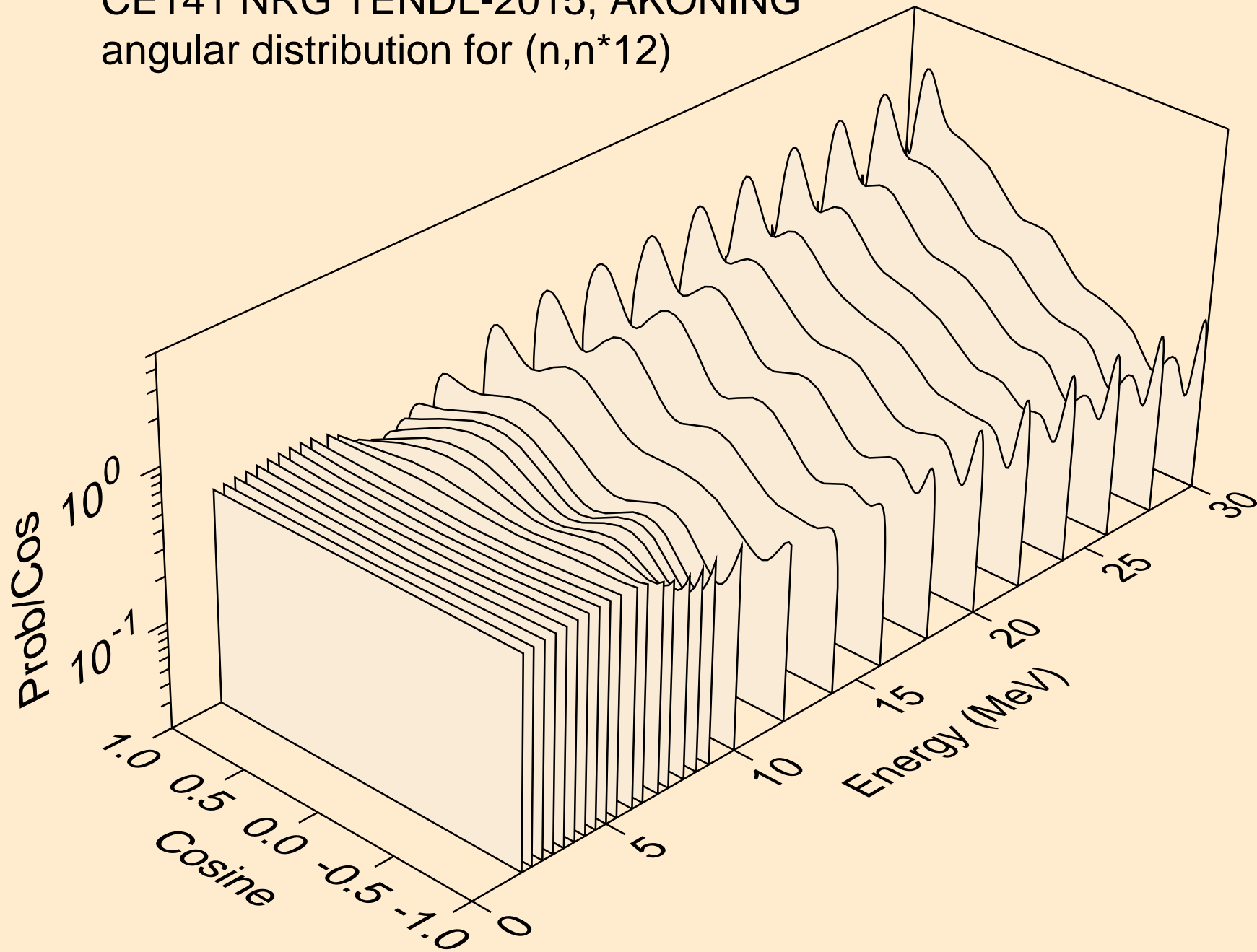
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



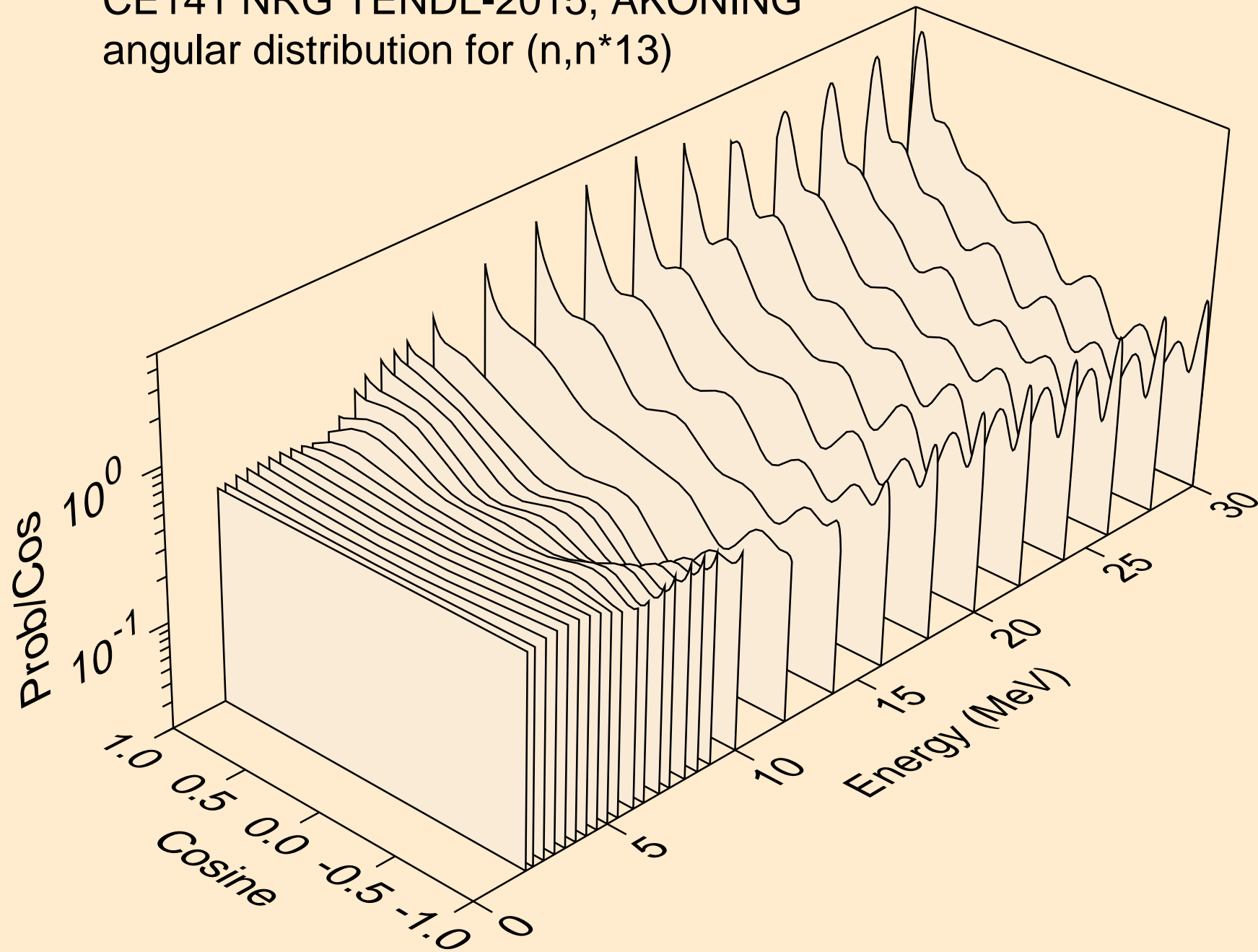
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

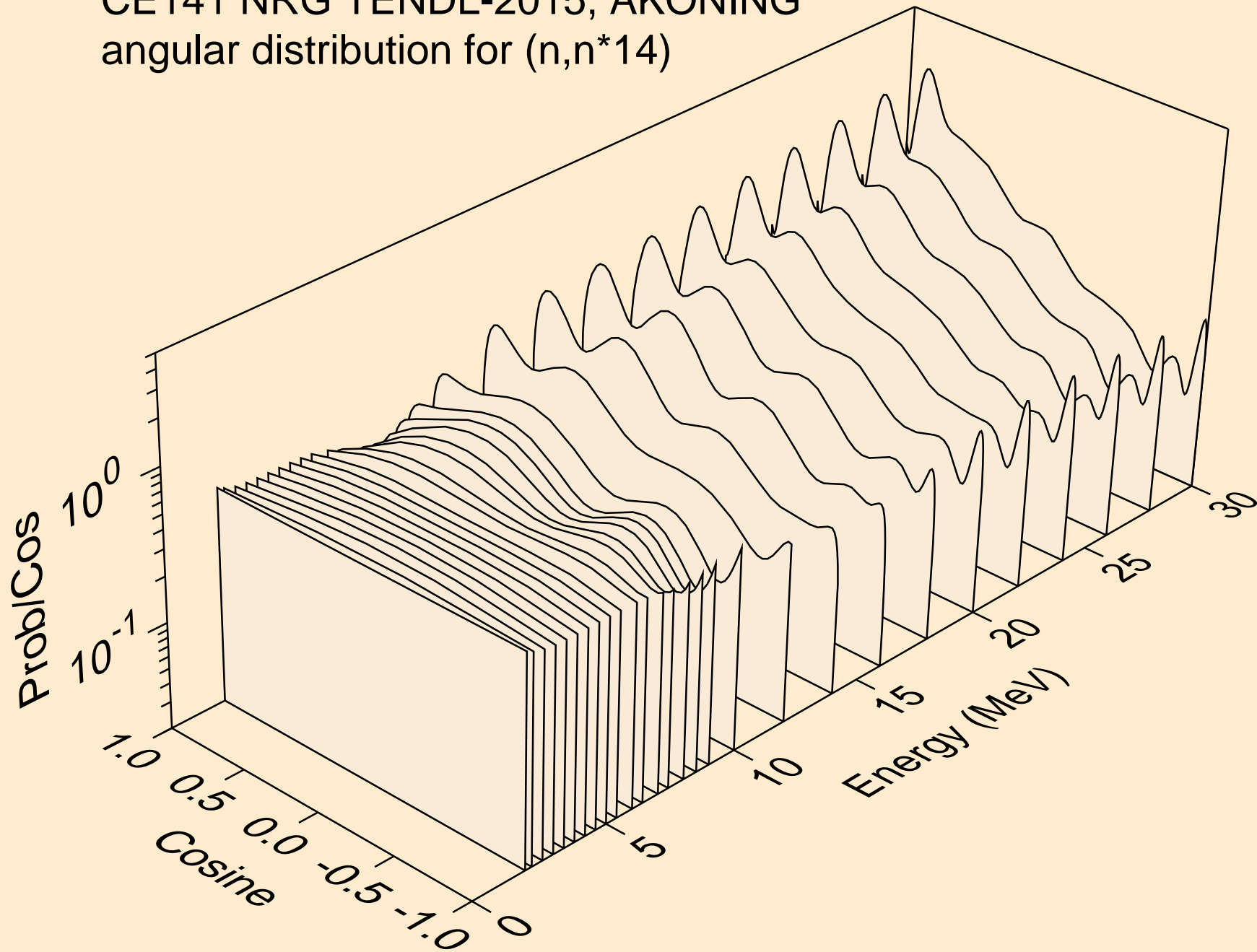


CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

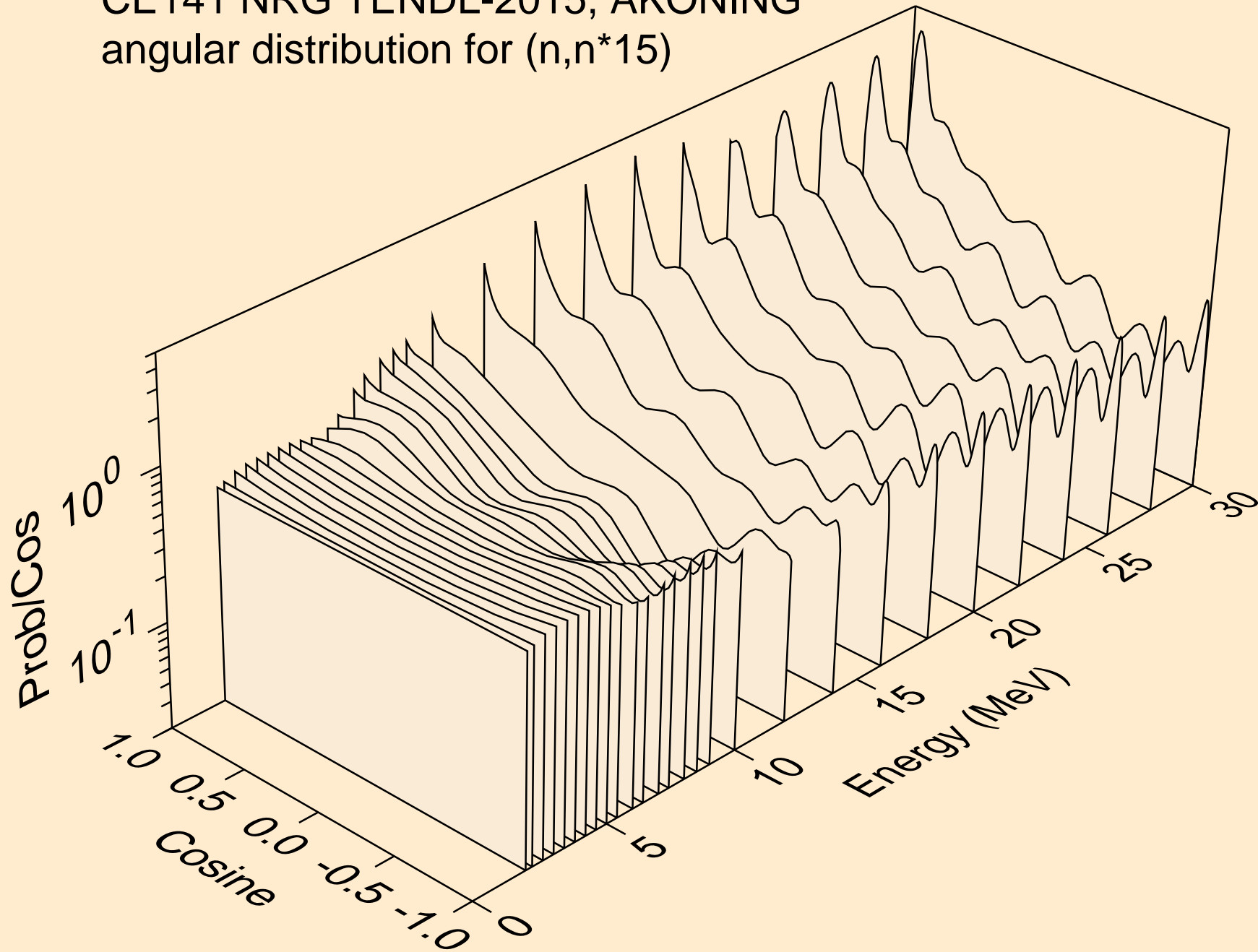




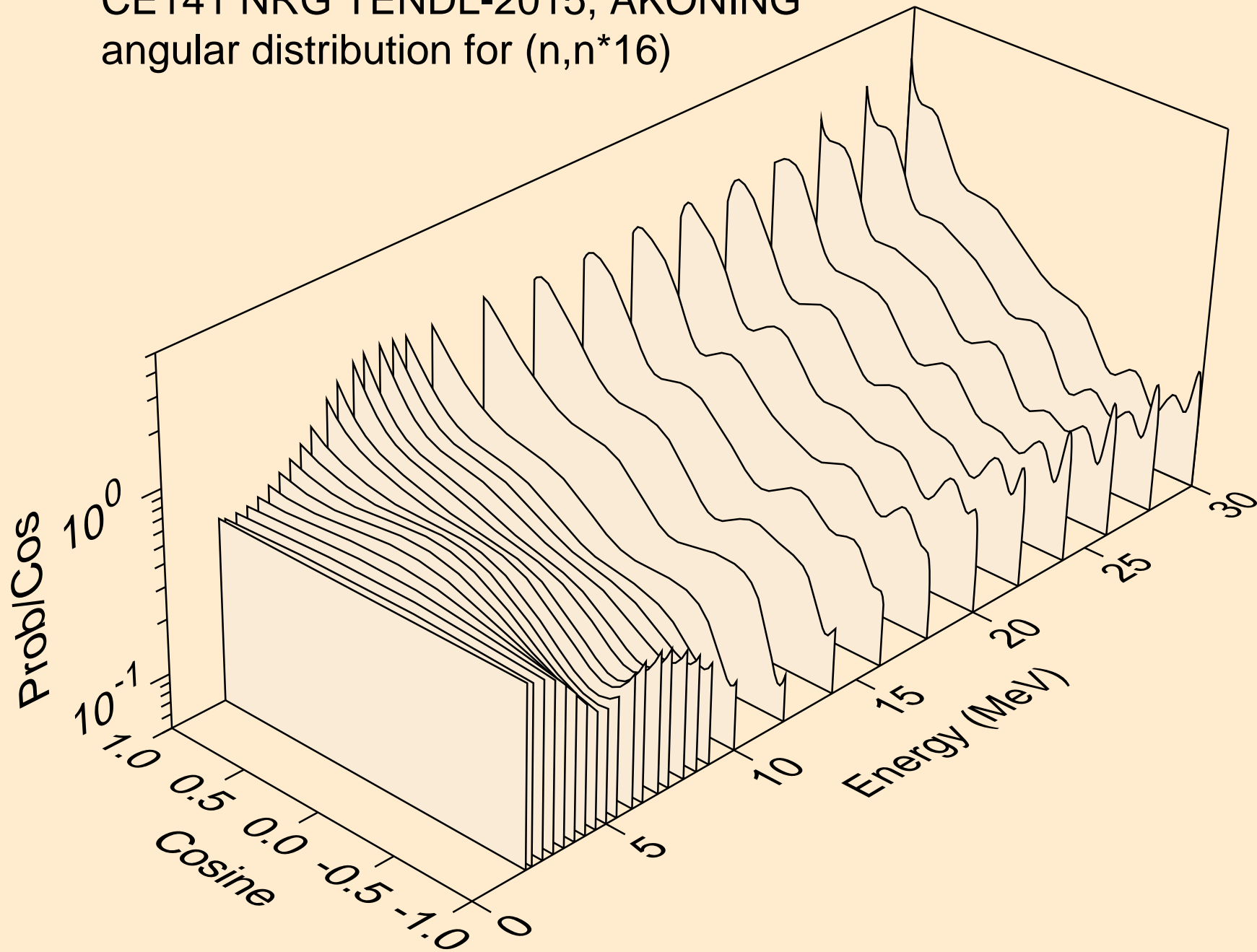
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



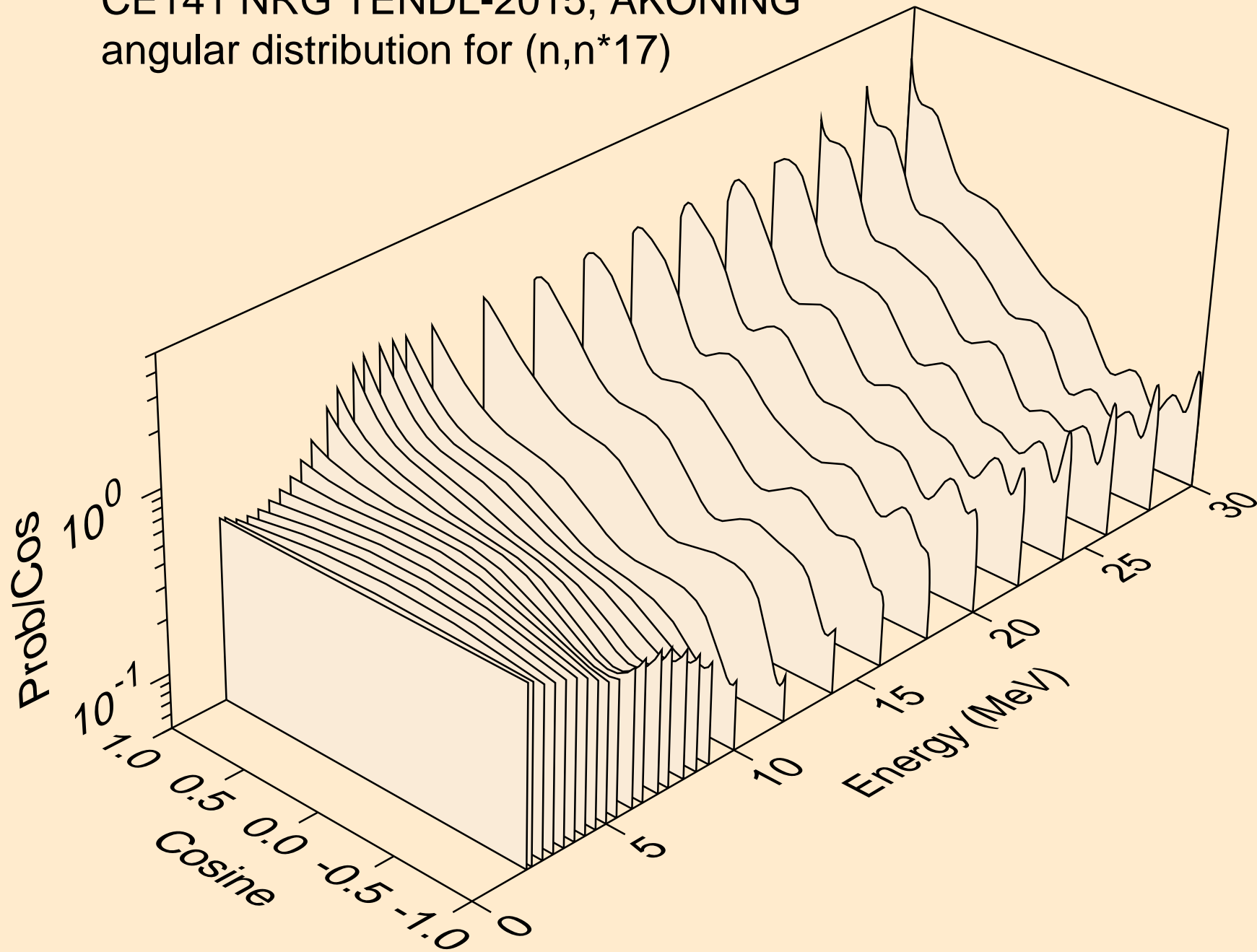
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



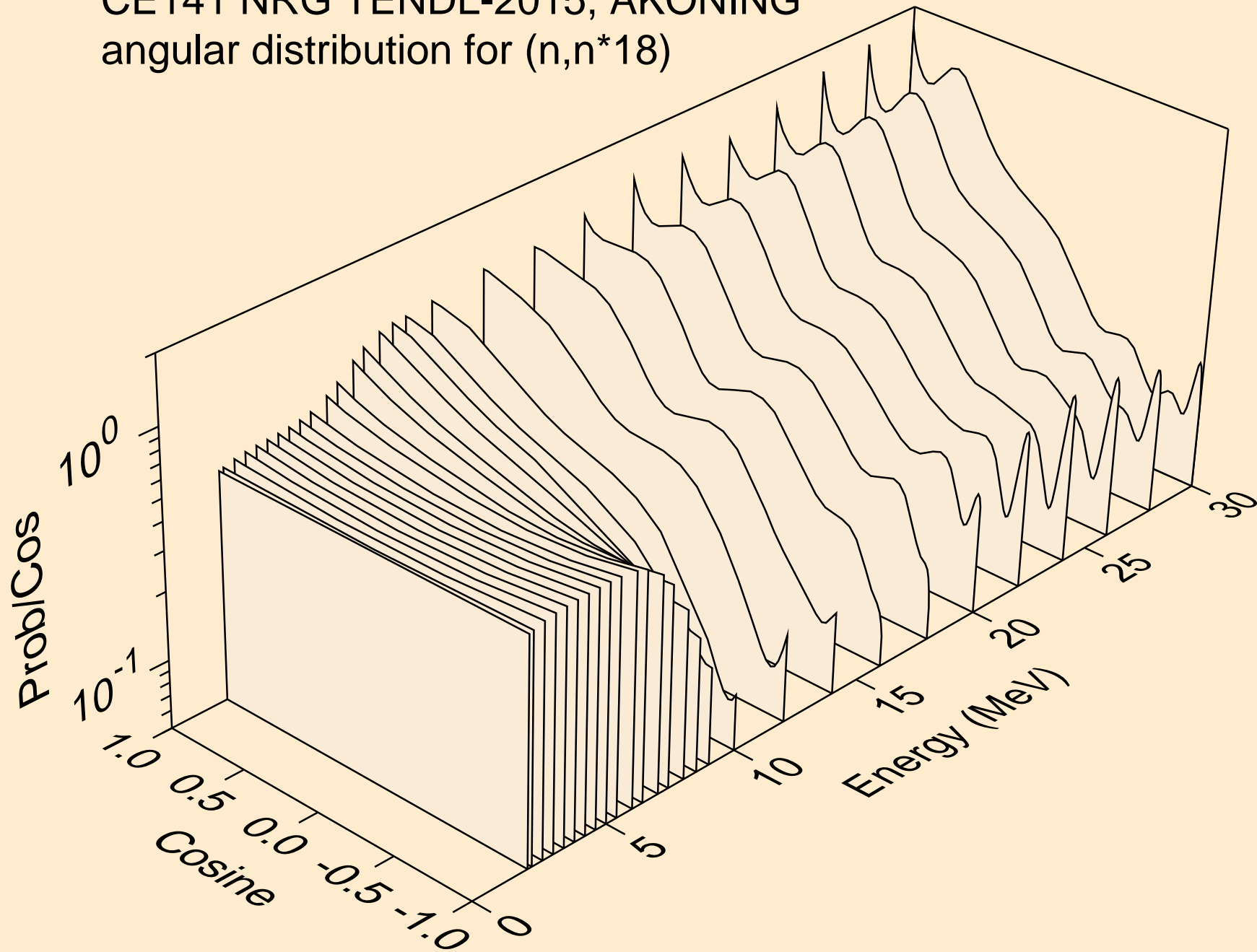
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



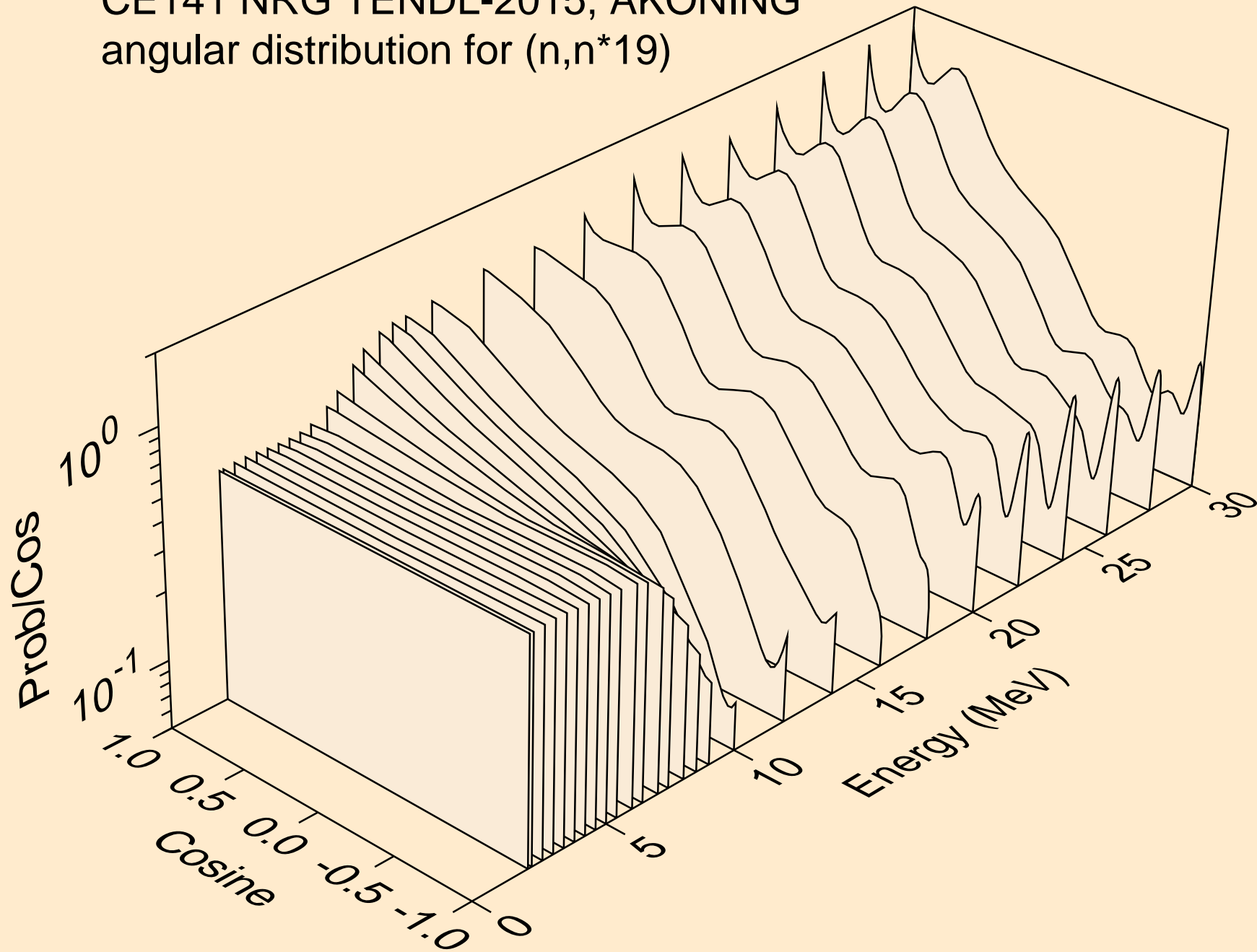
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



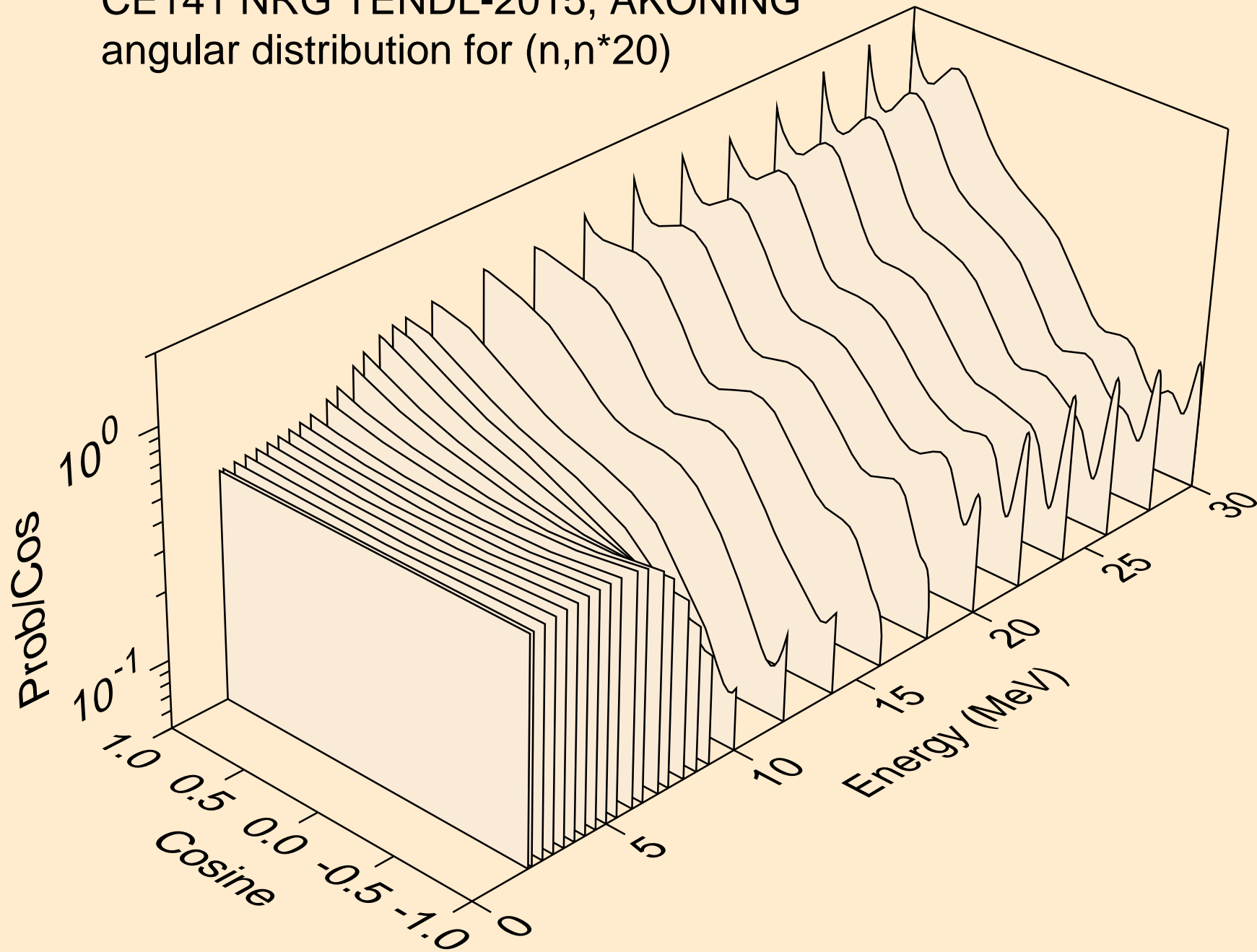
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



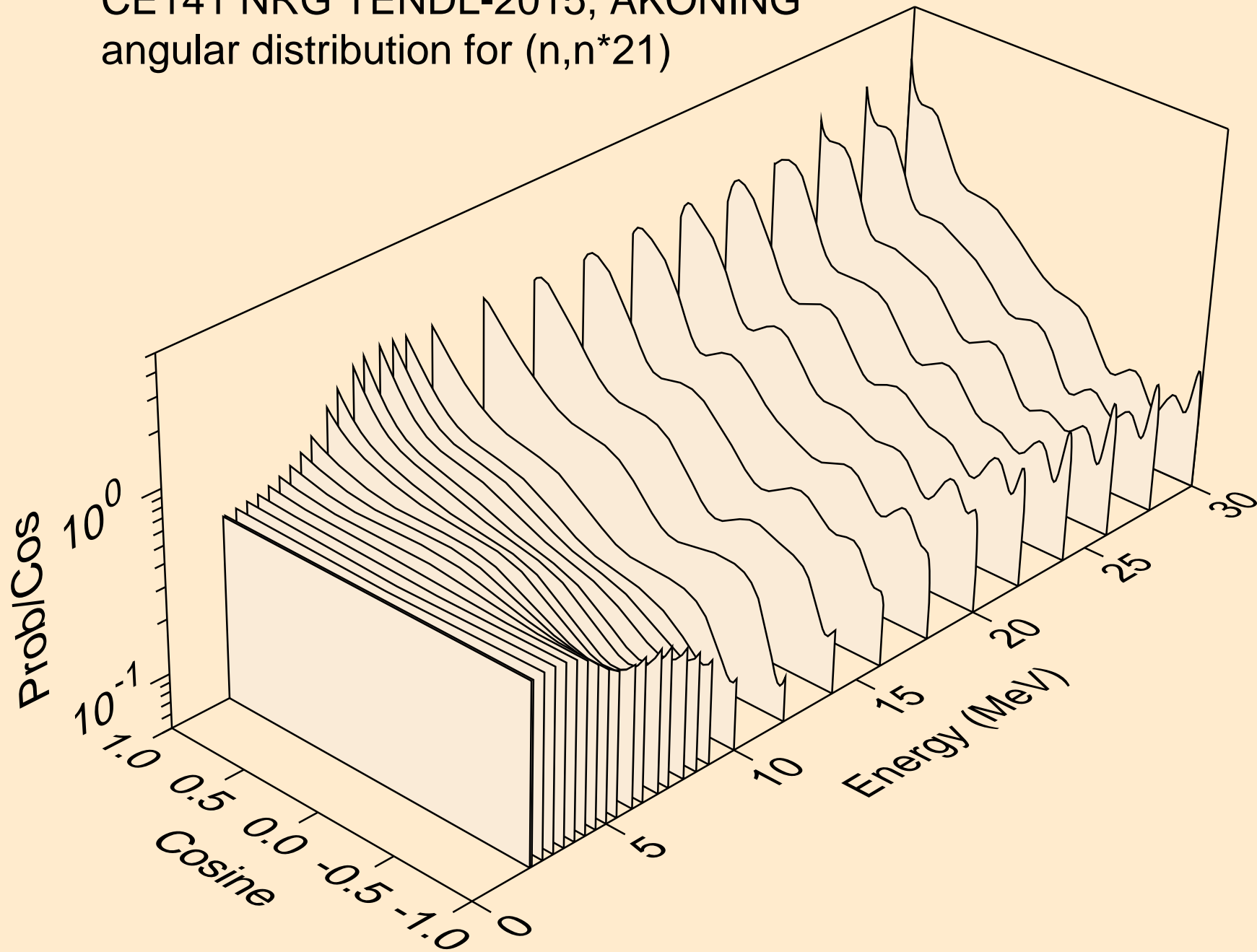
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

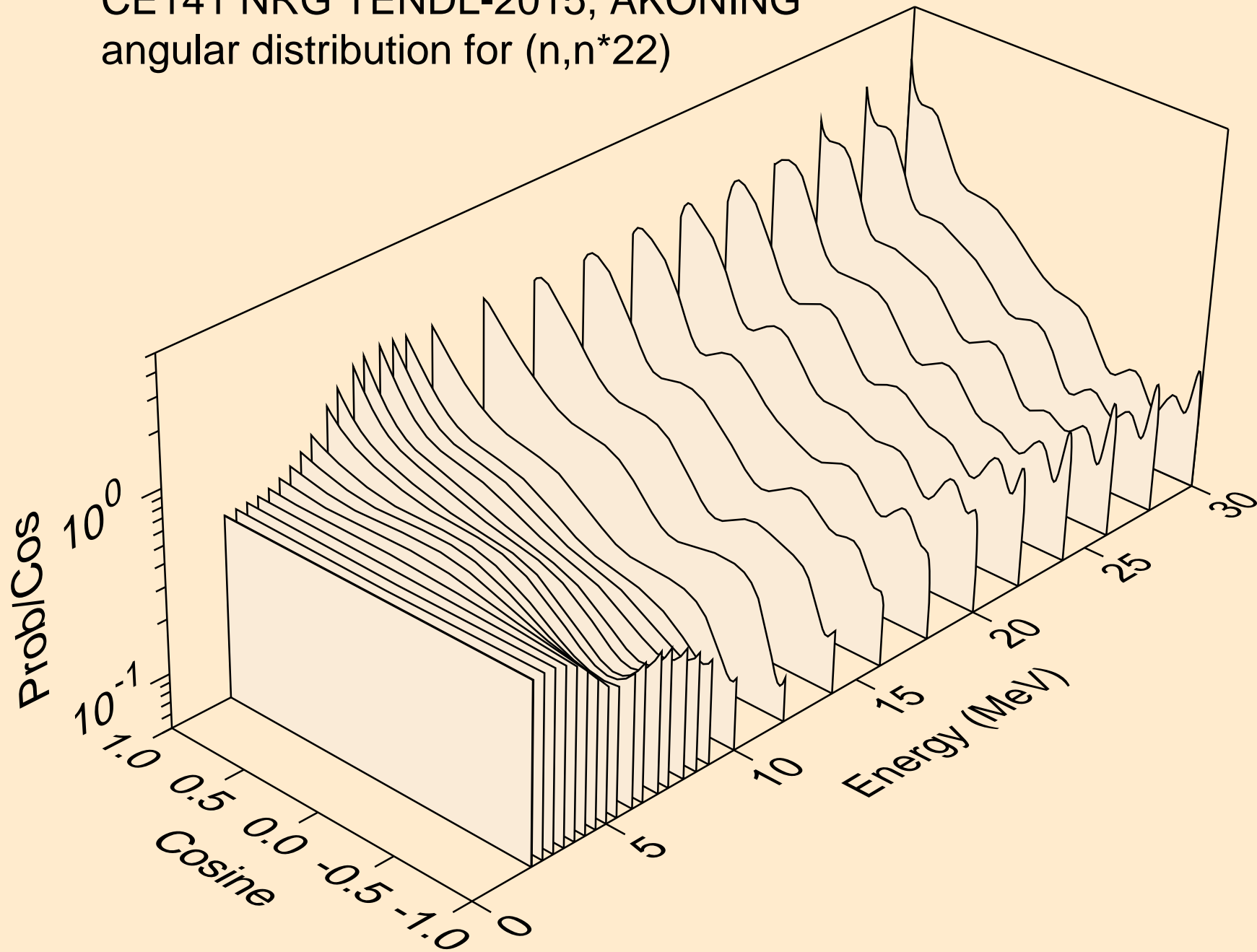


CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

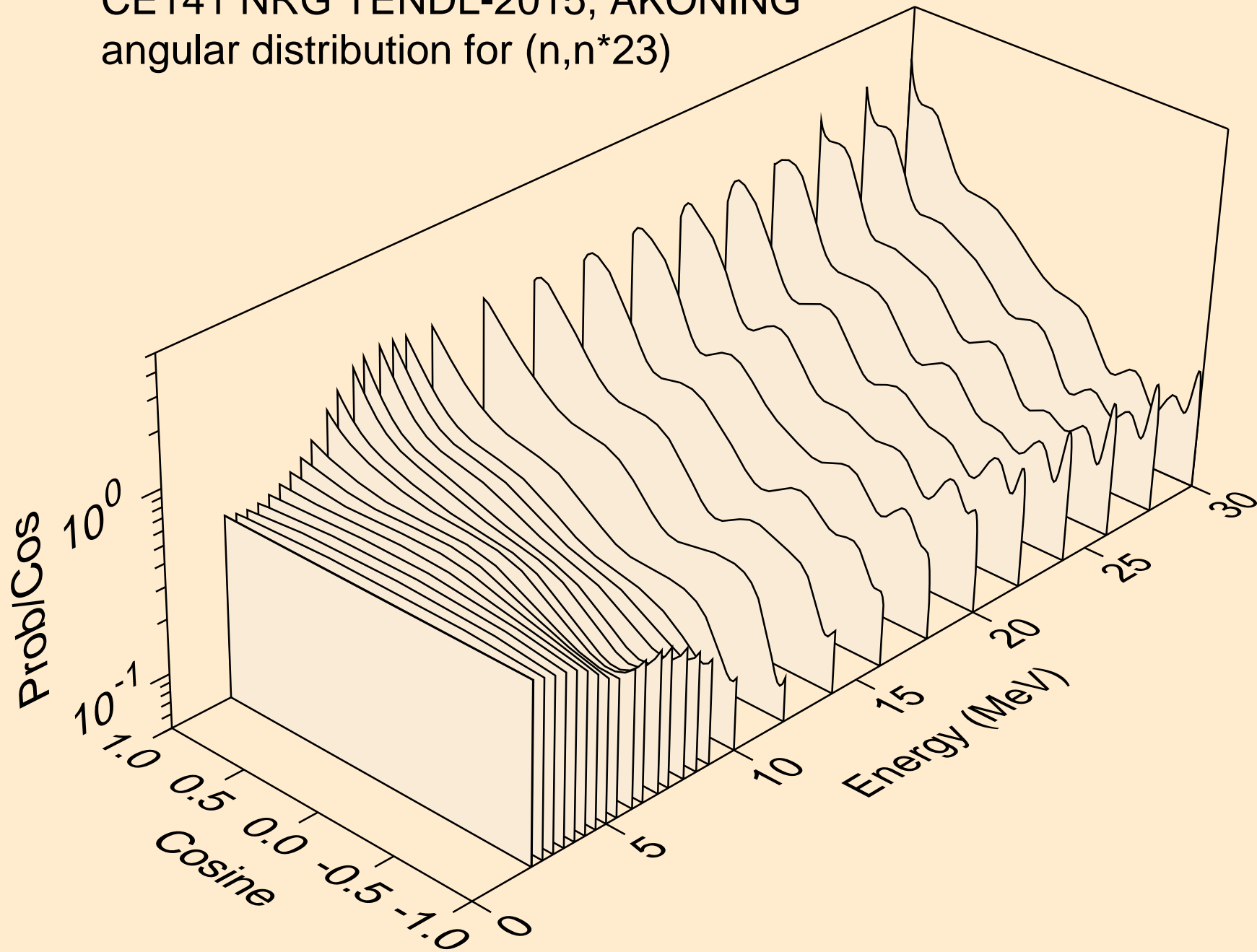




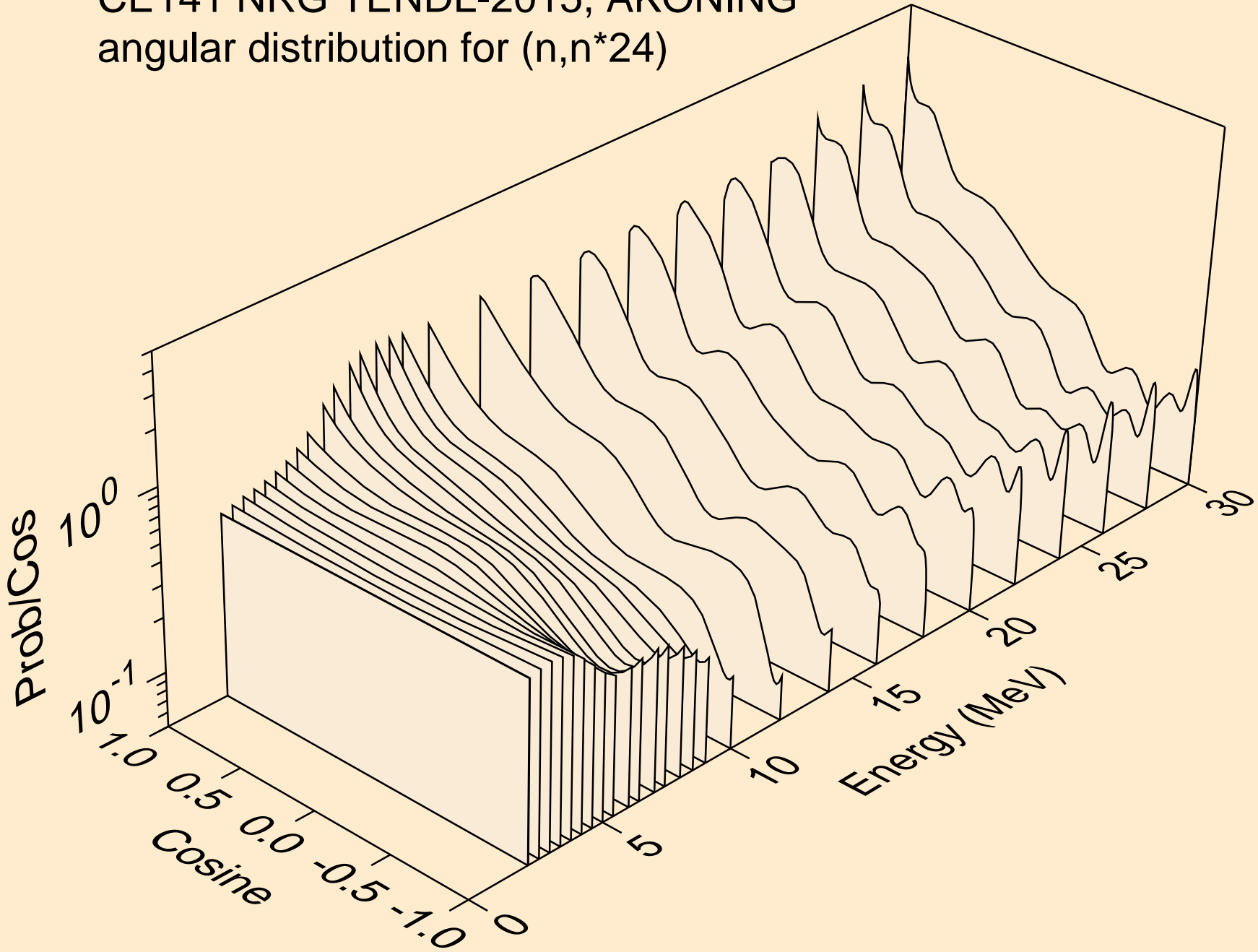
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



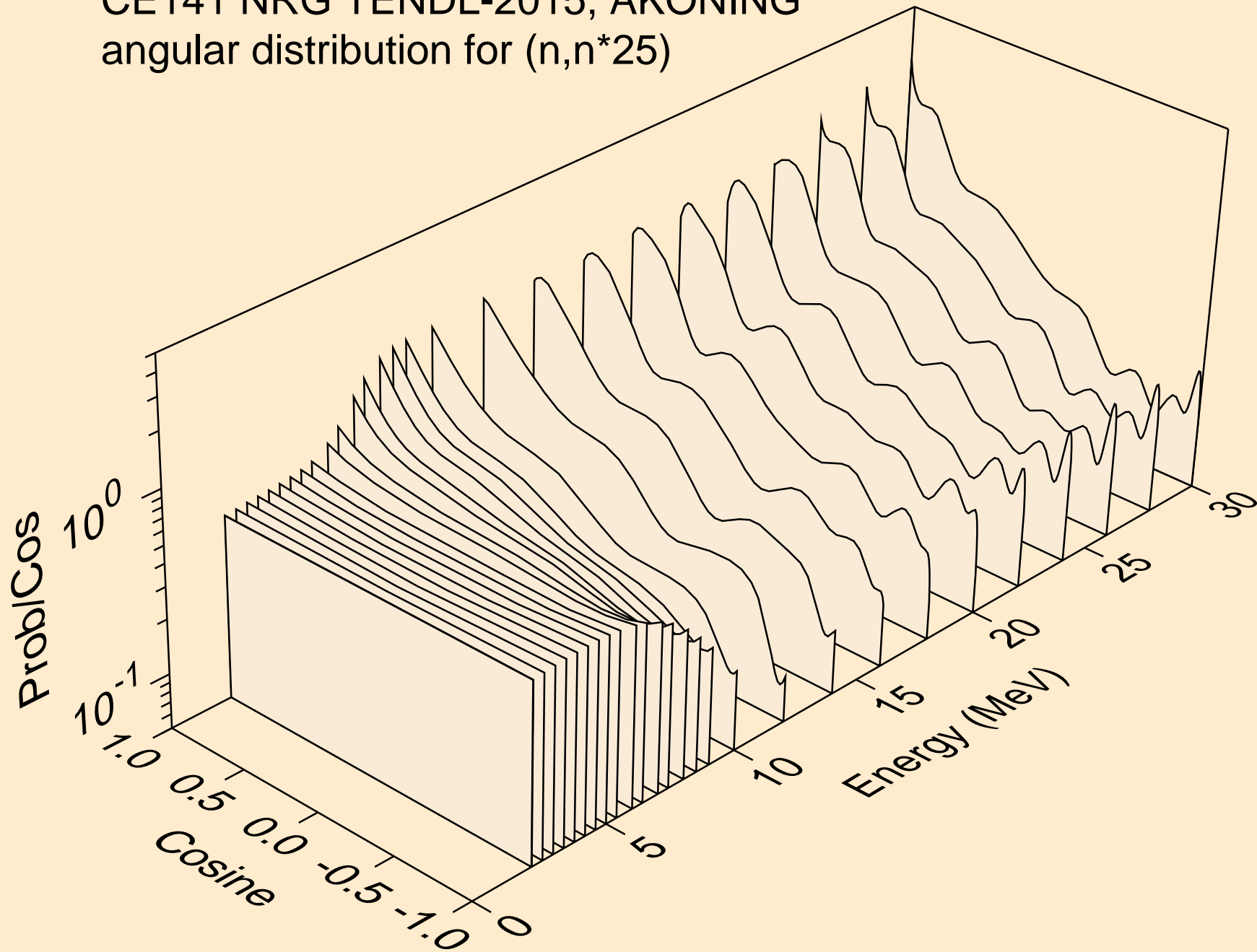
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



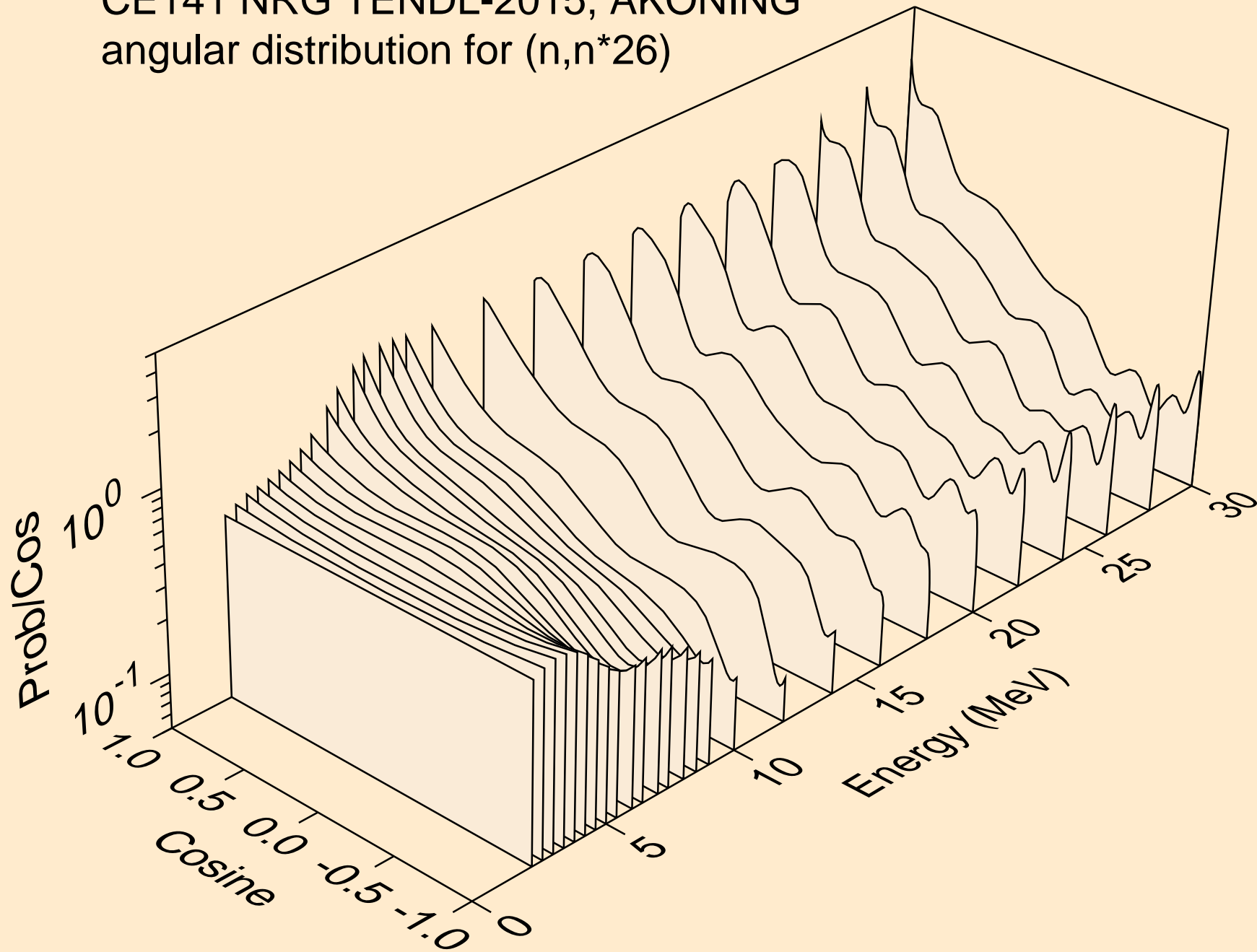
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



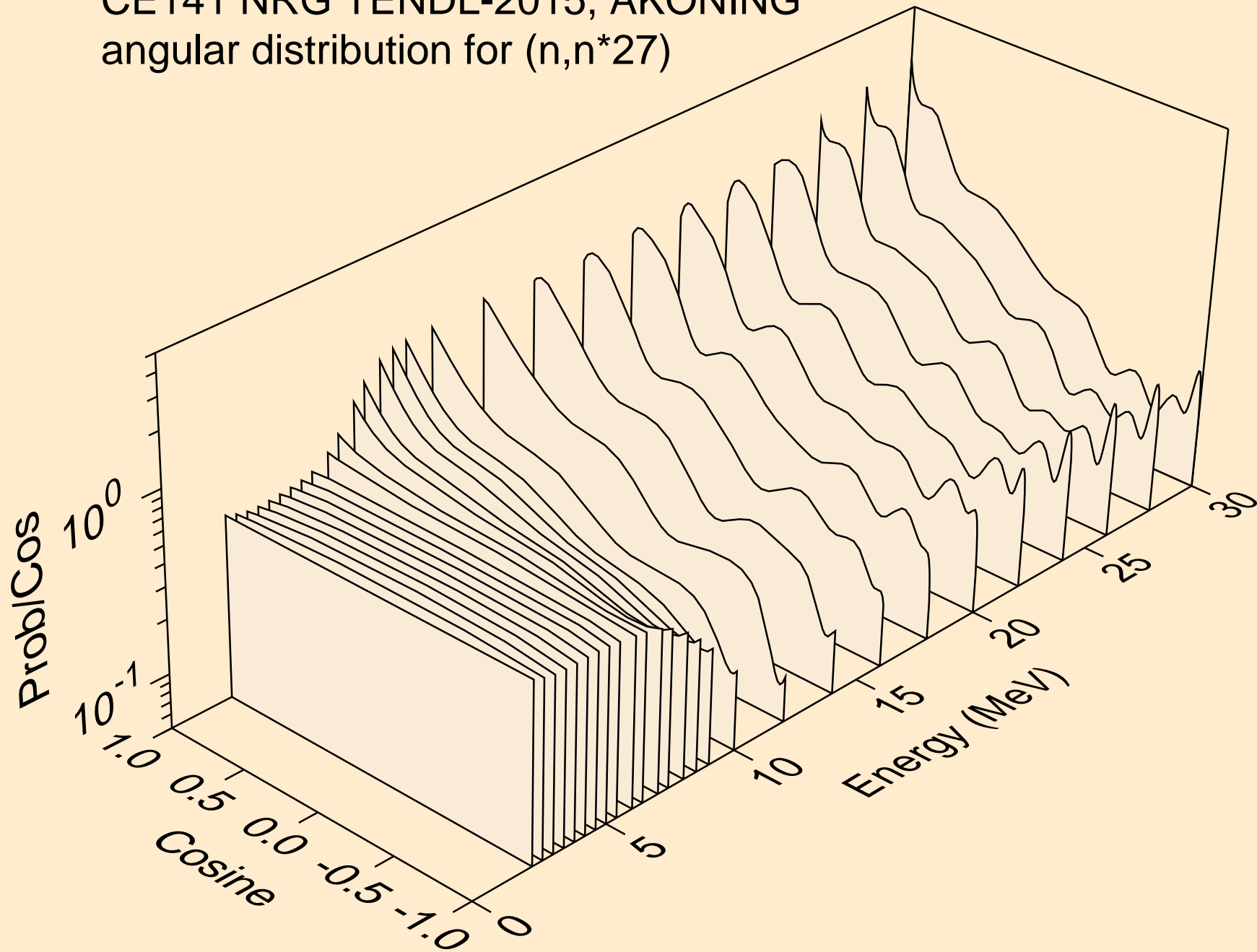
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



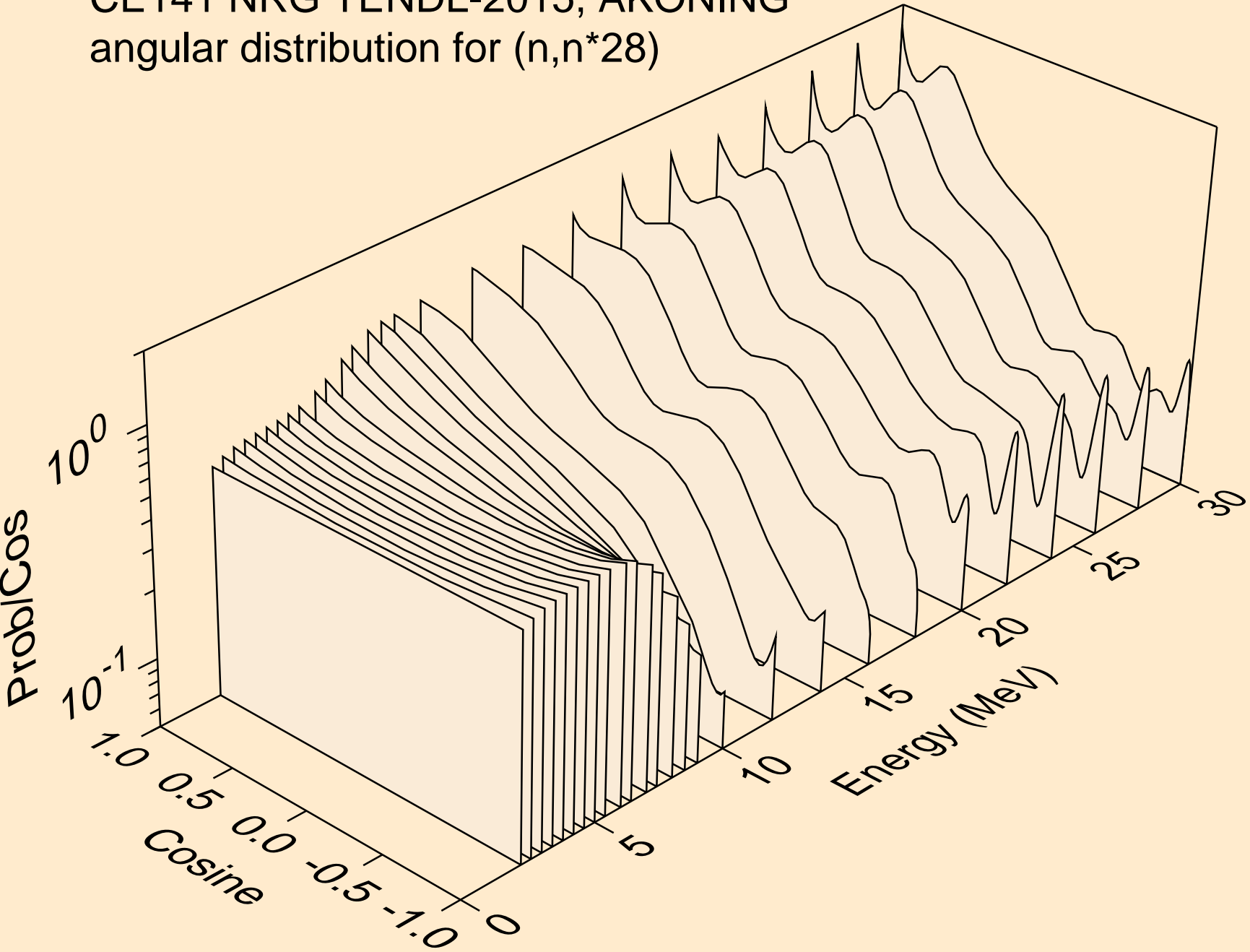
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



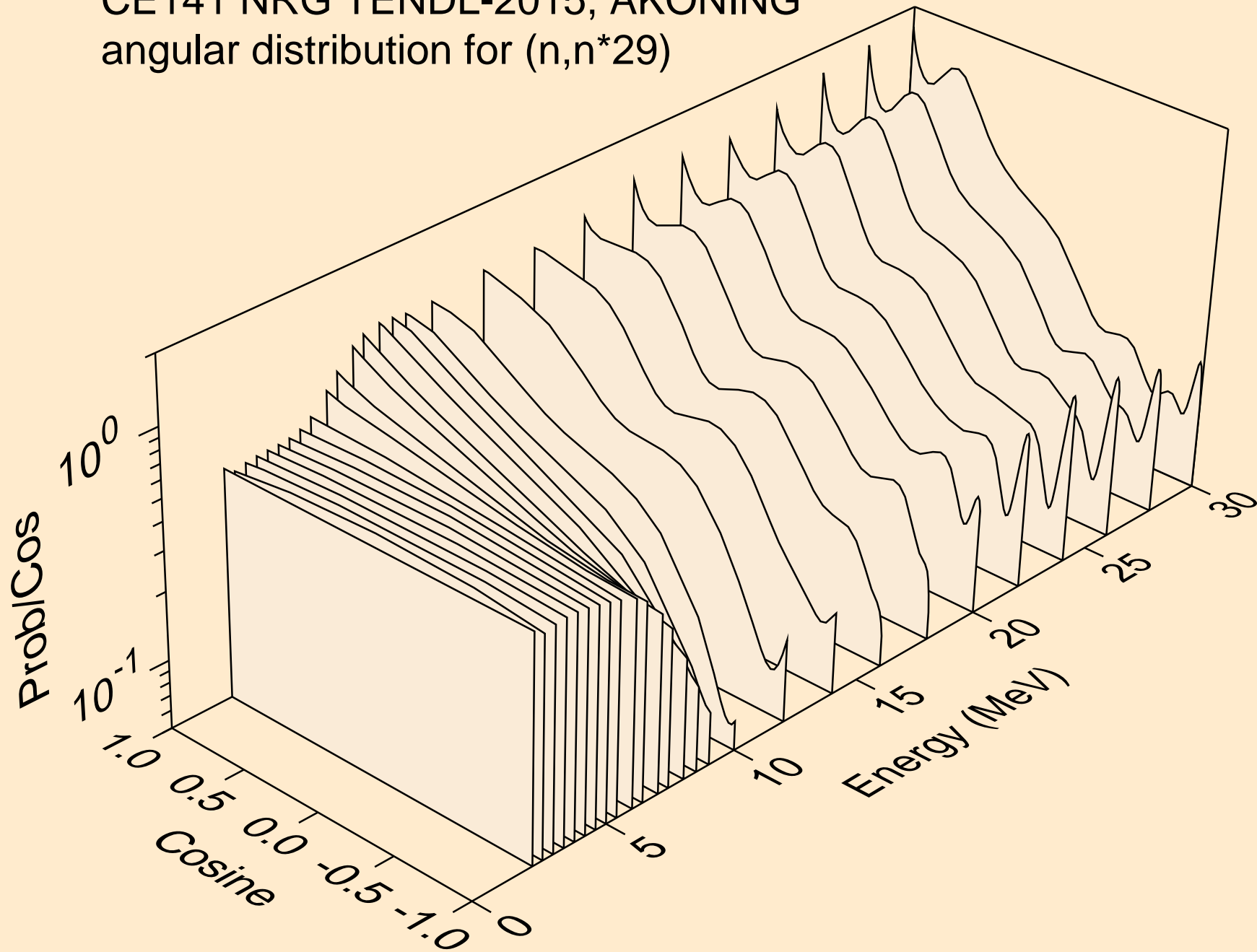
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

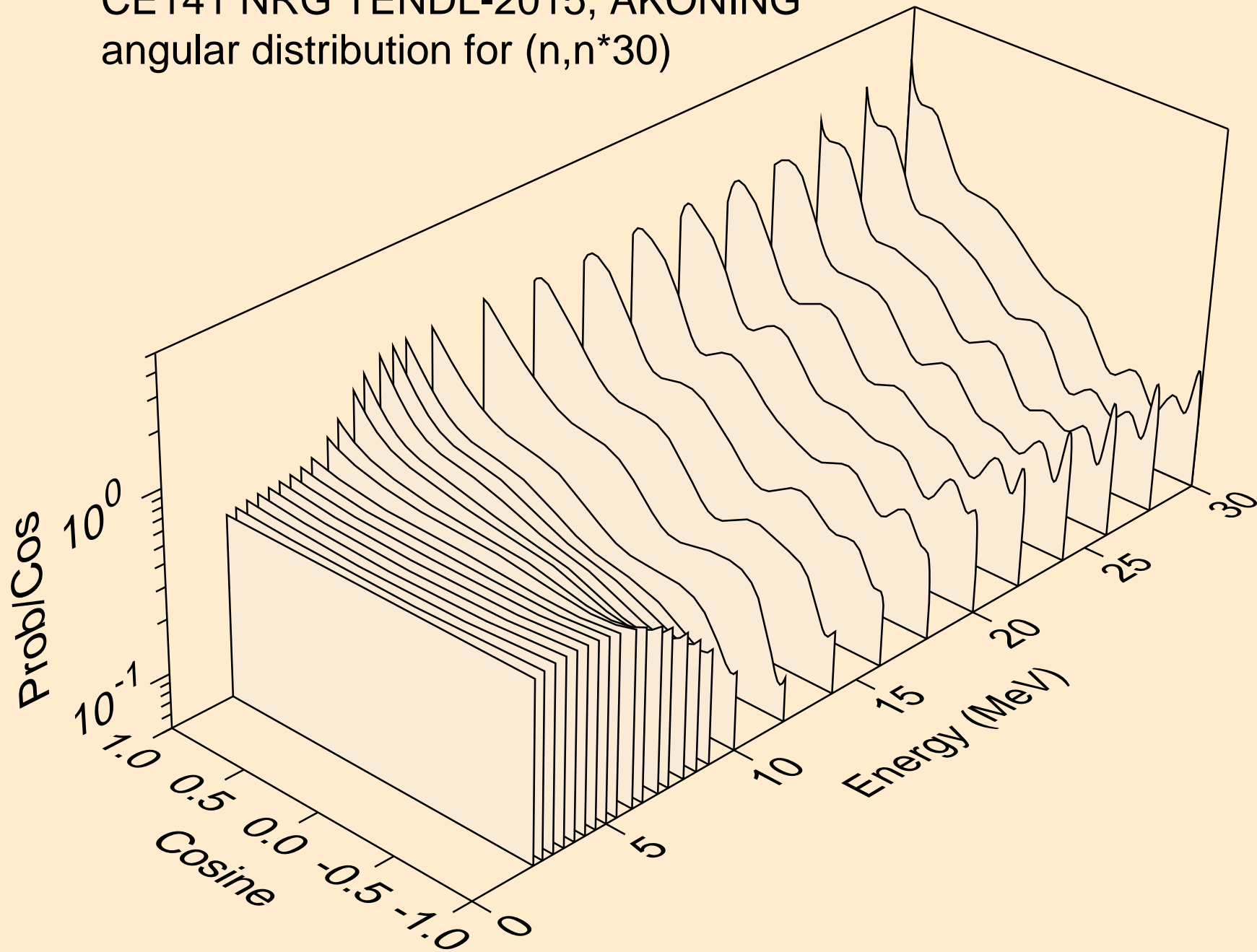


CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

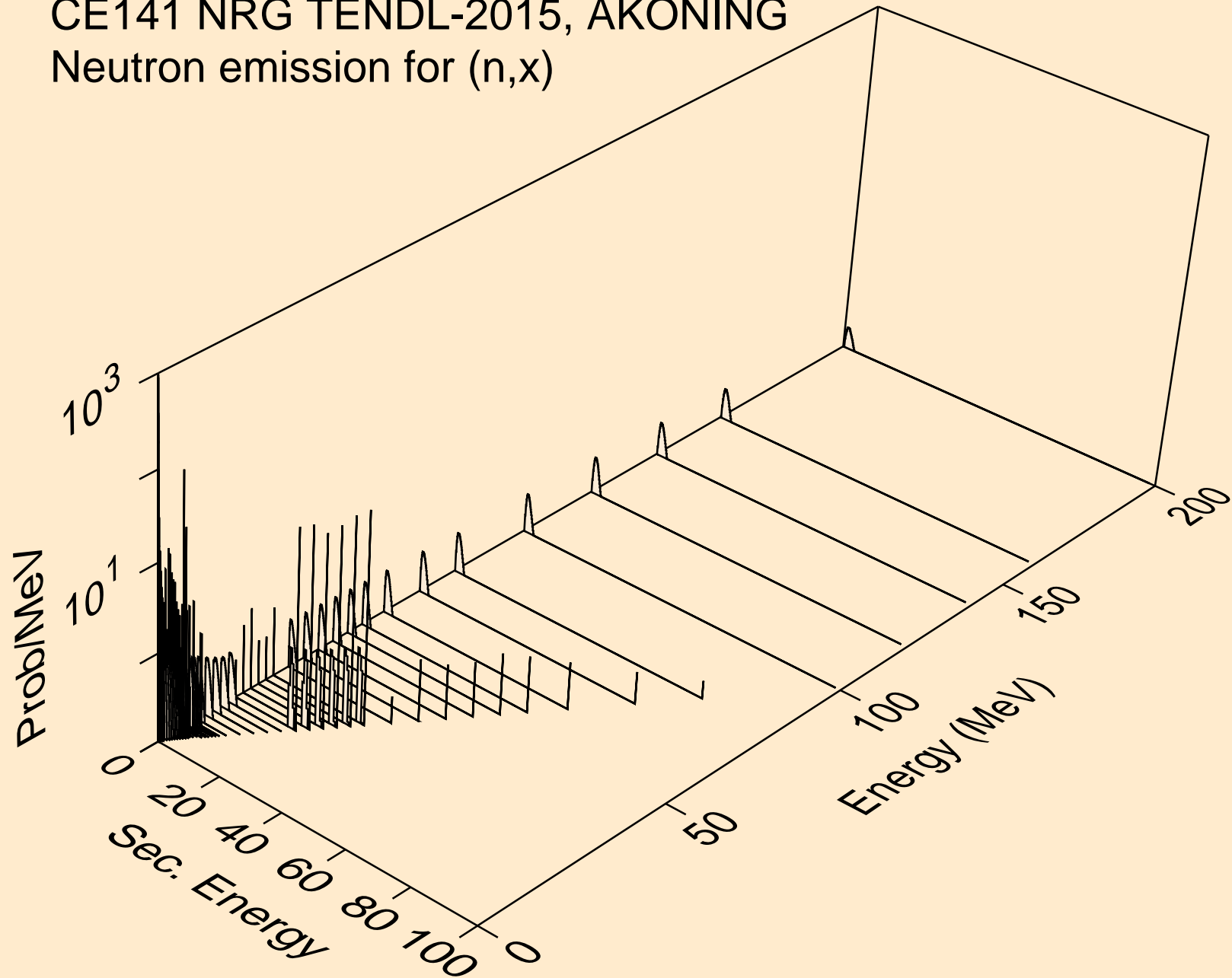




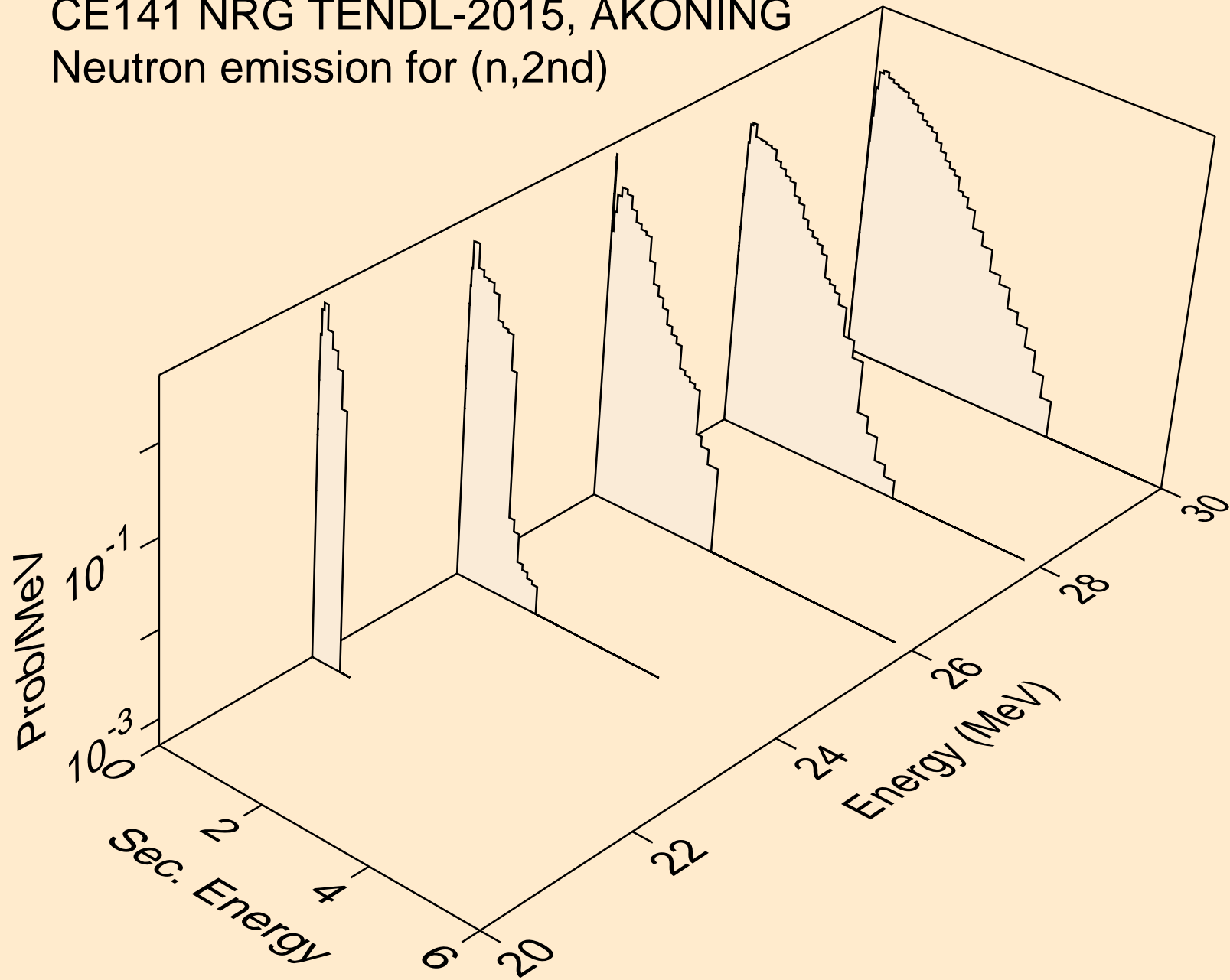
CE141 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



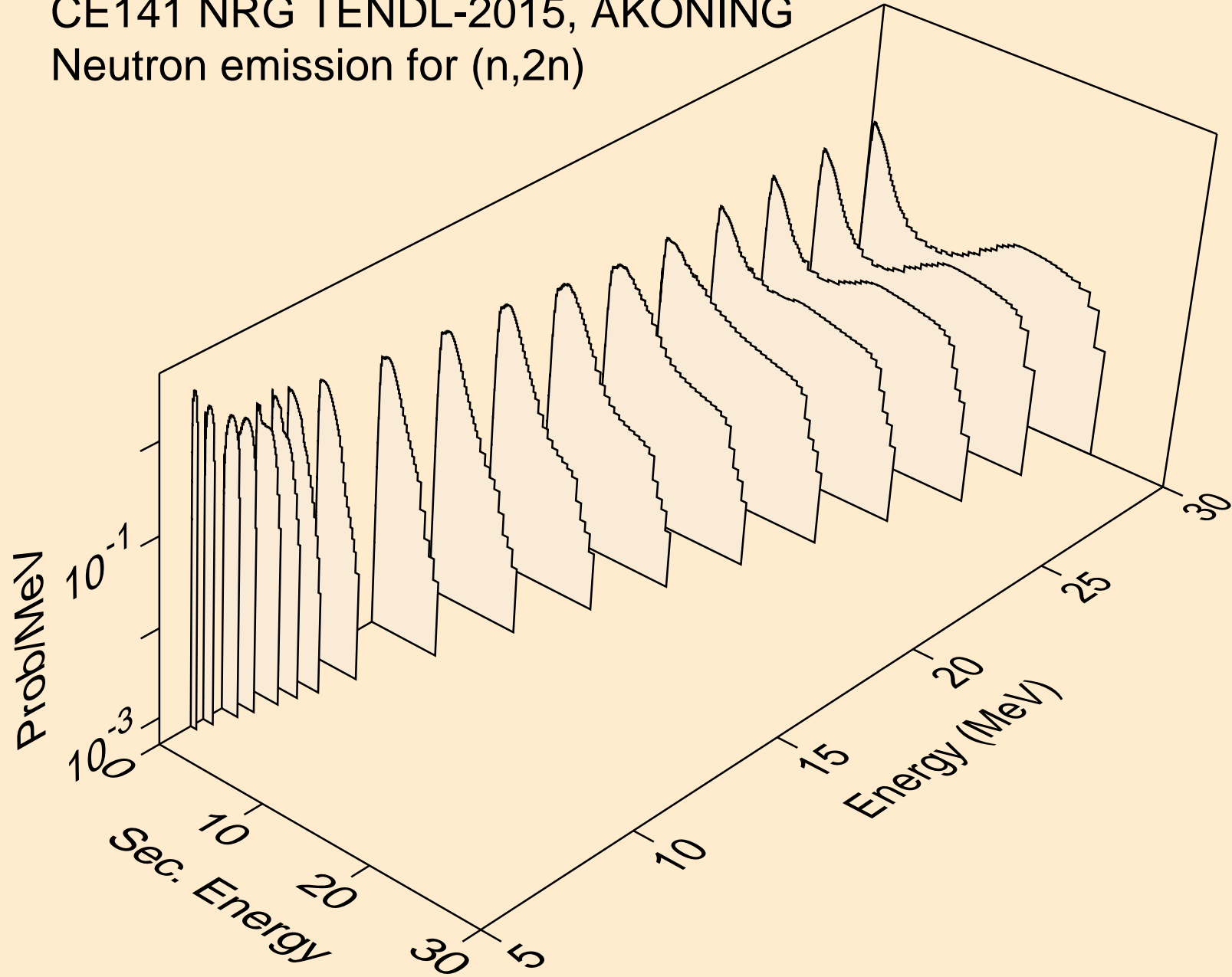
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



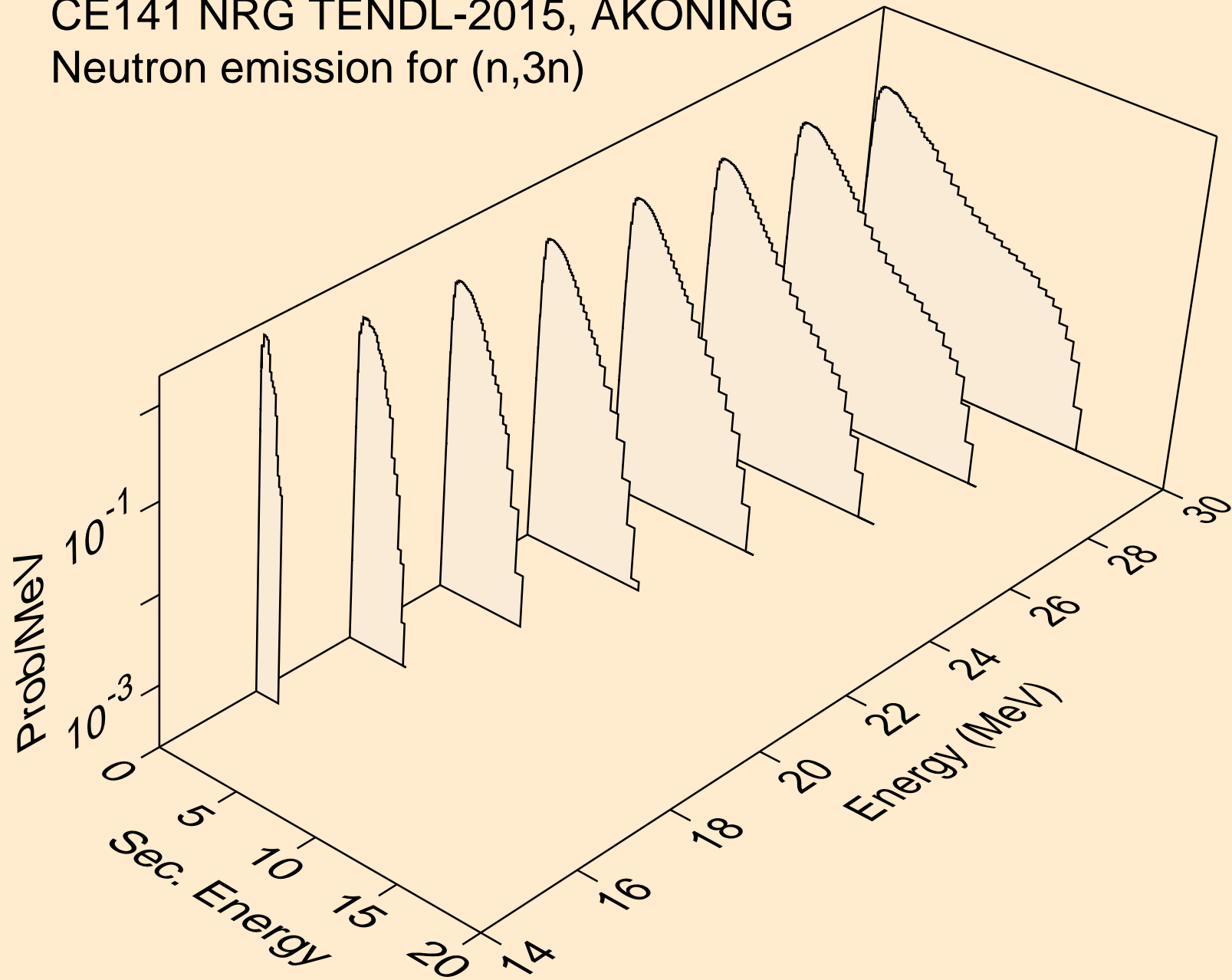
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



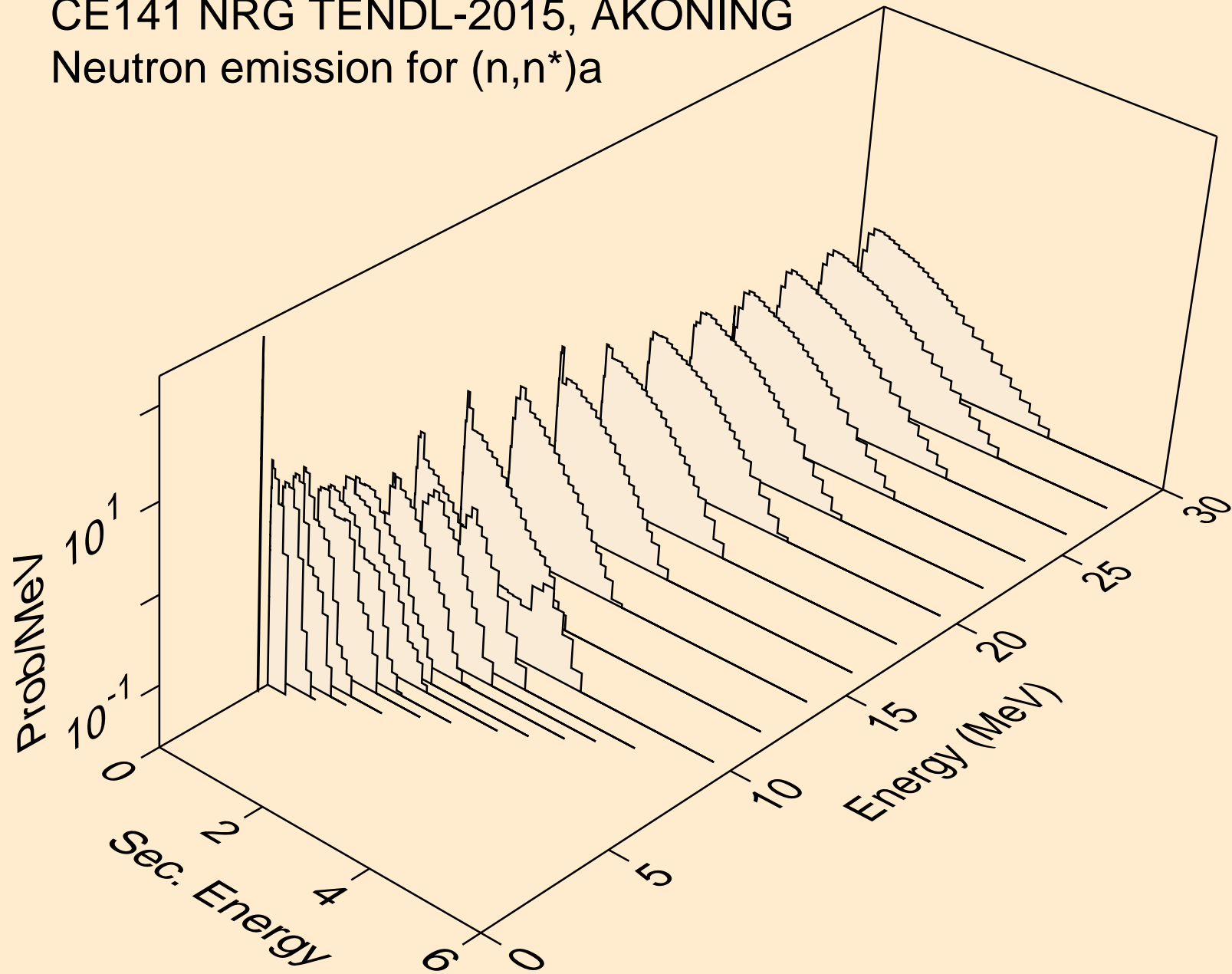
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



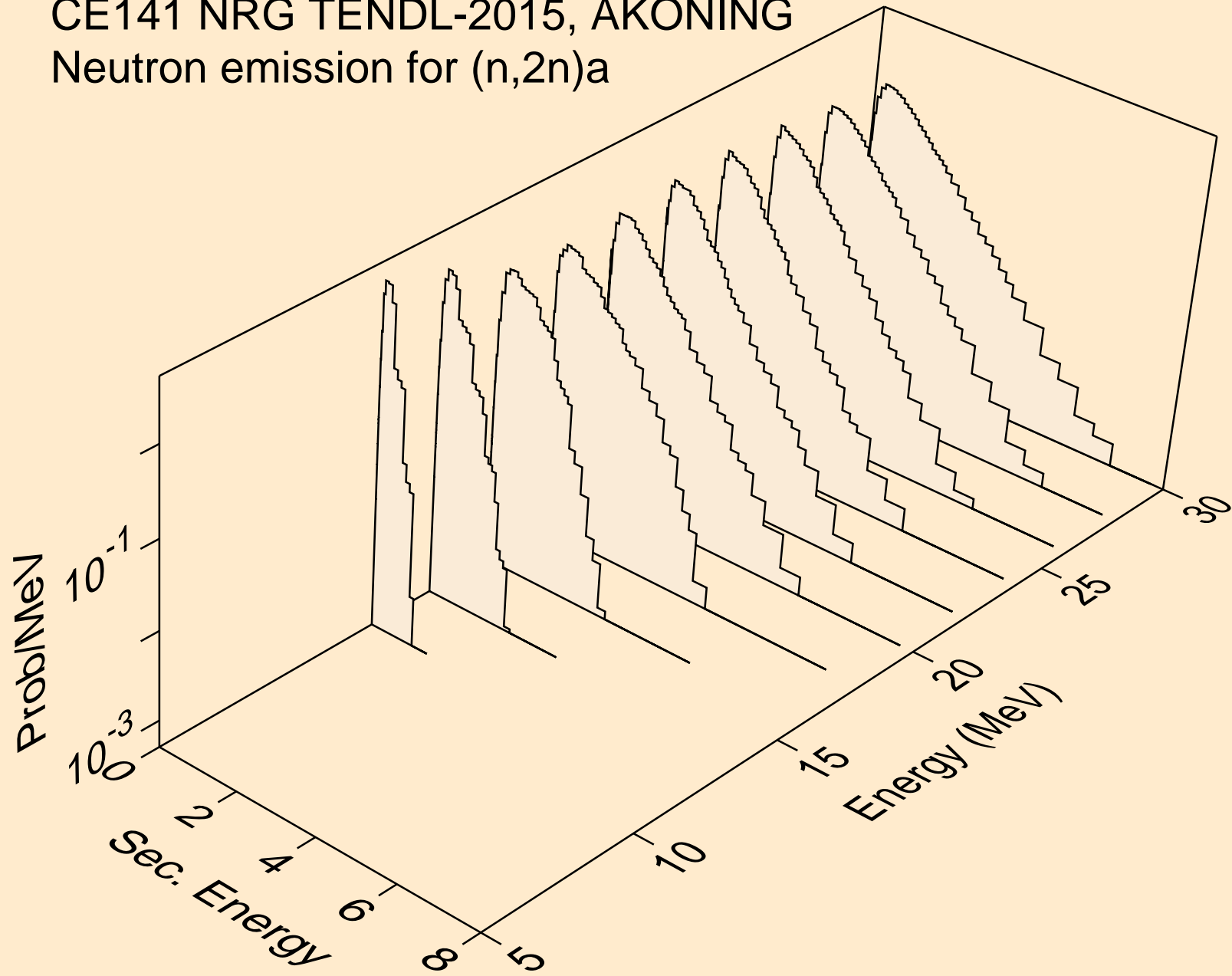
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



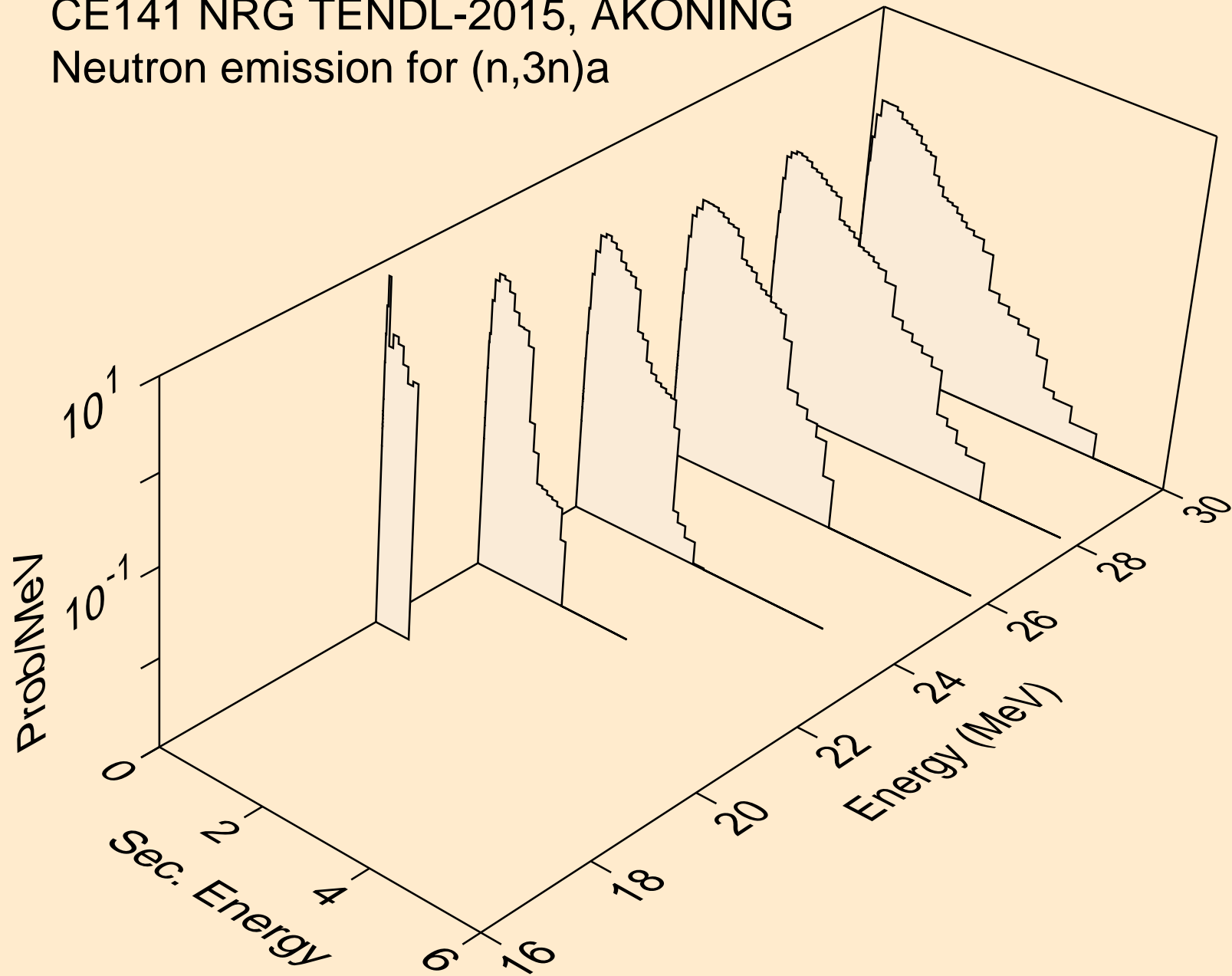
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

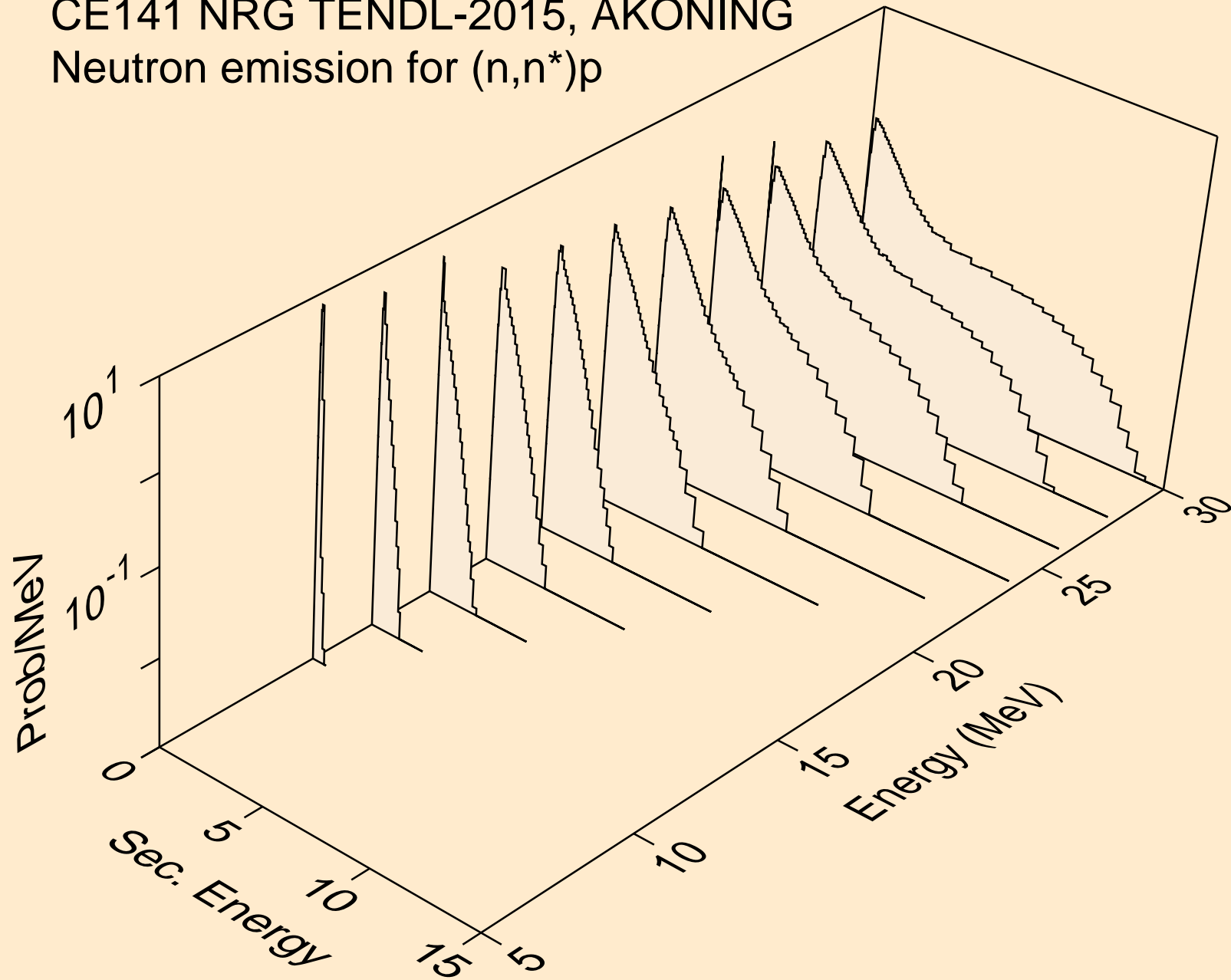


CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

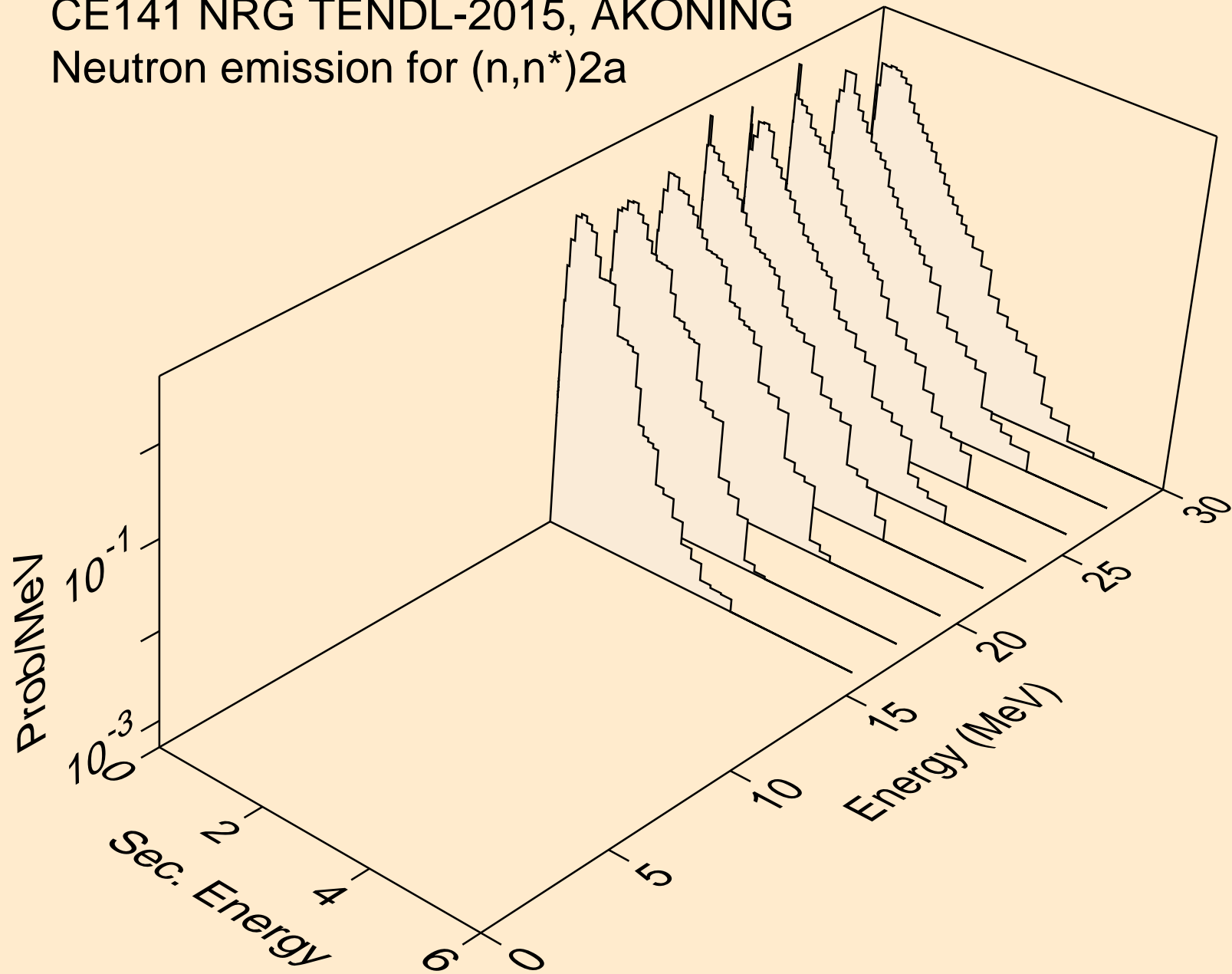




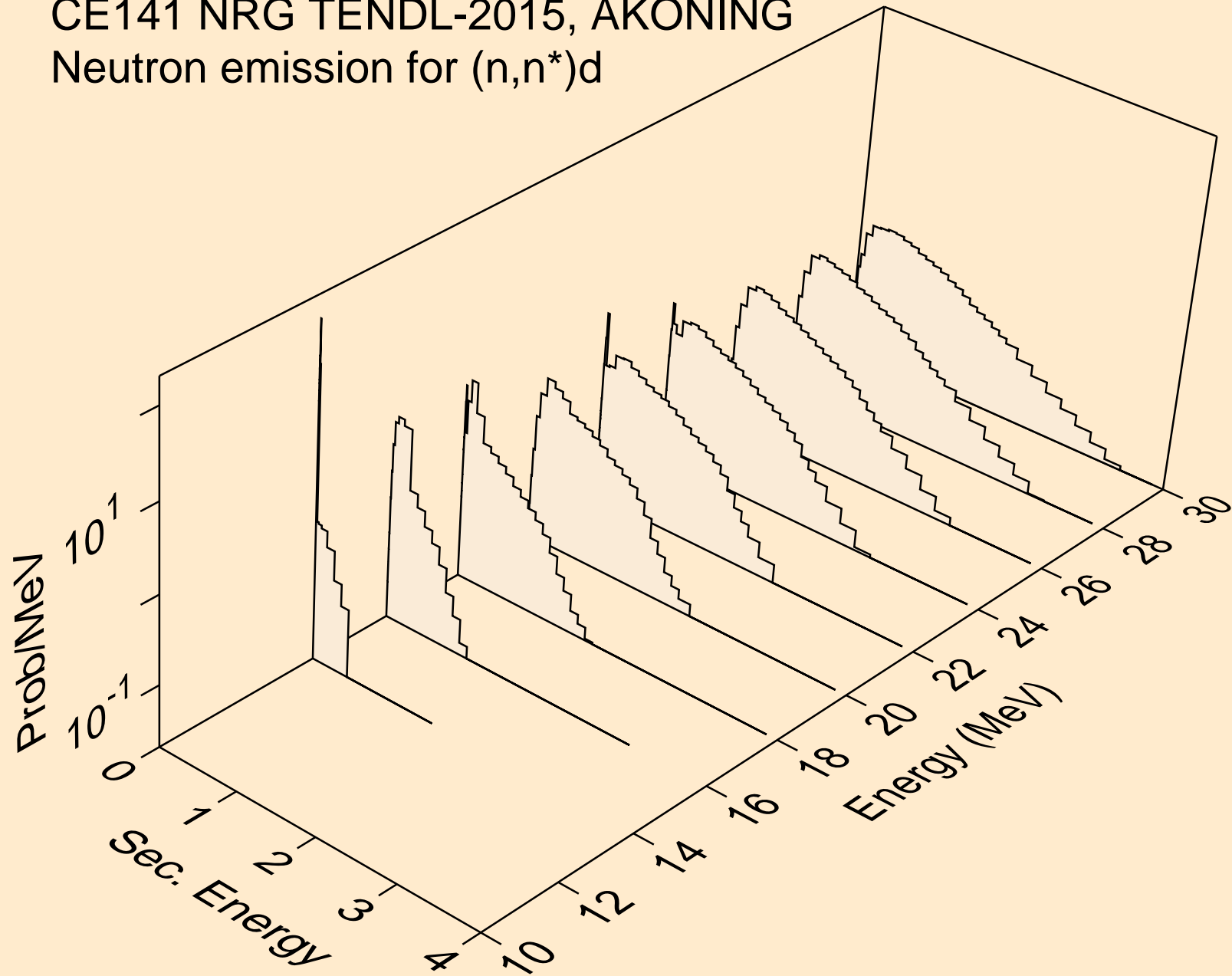
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



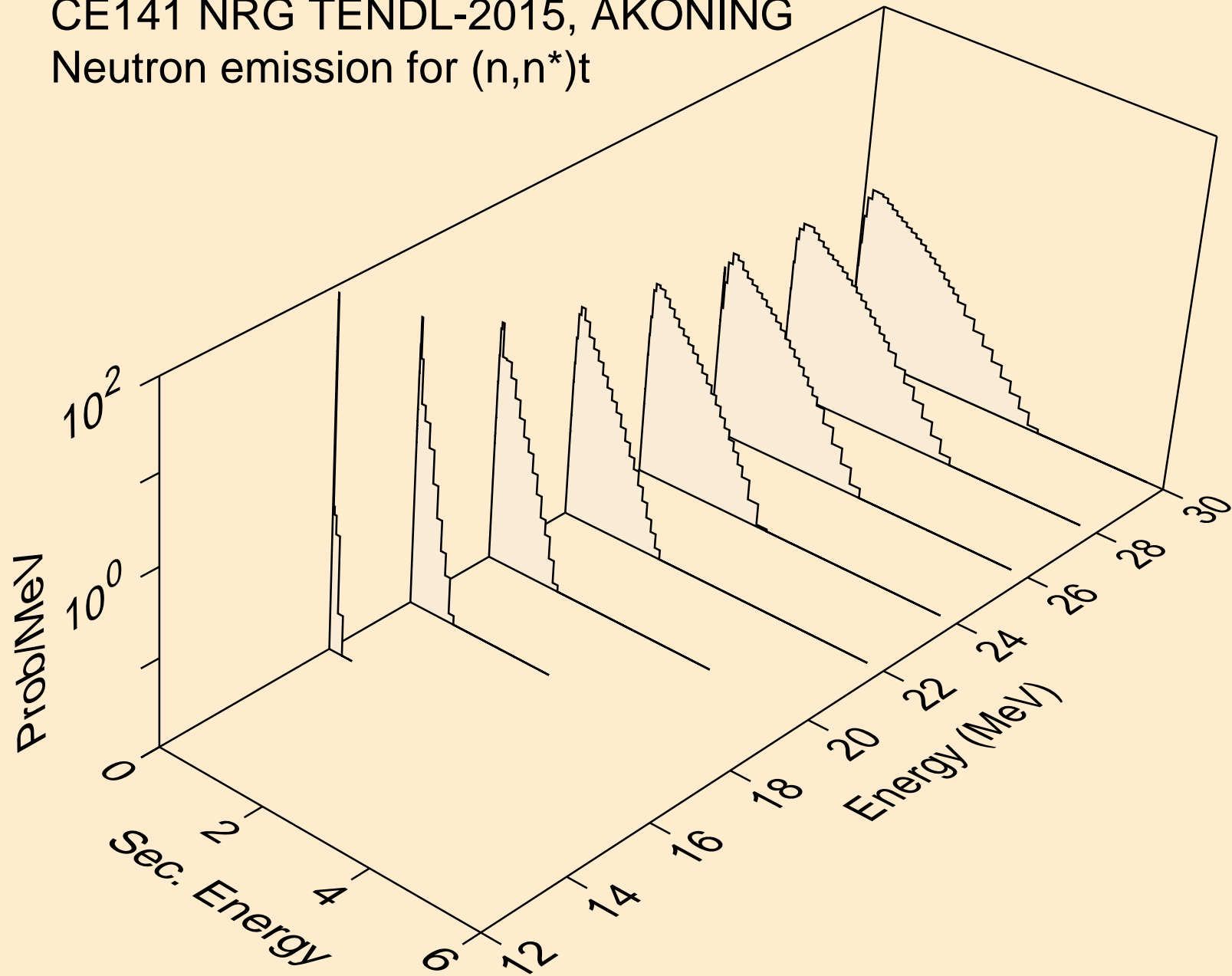
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



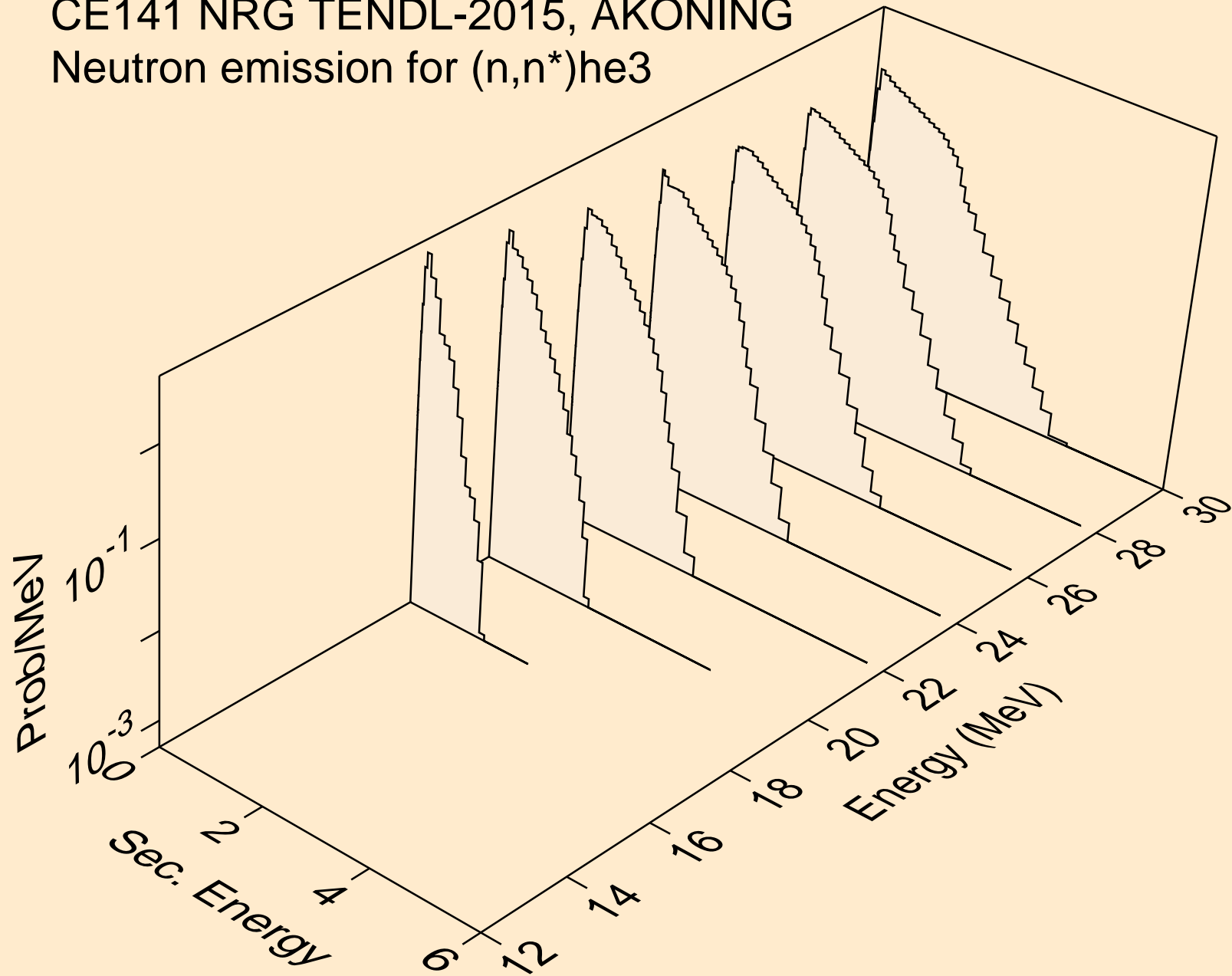
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



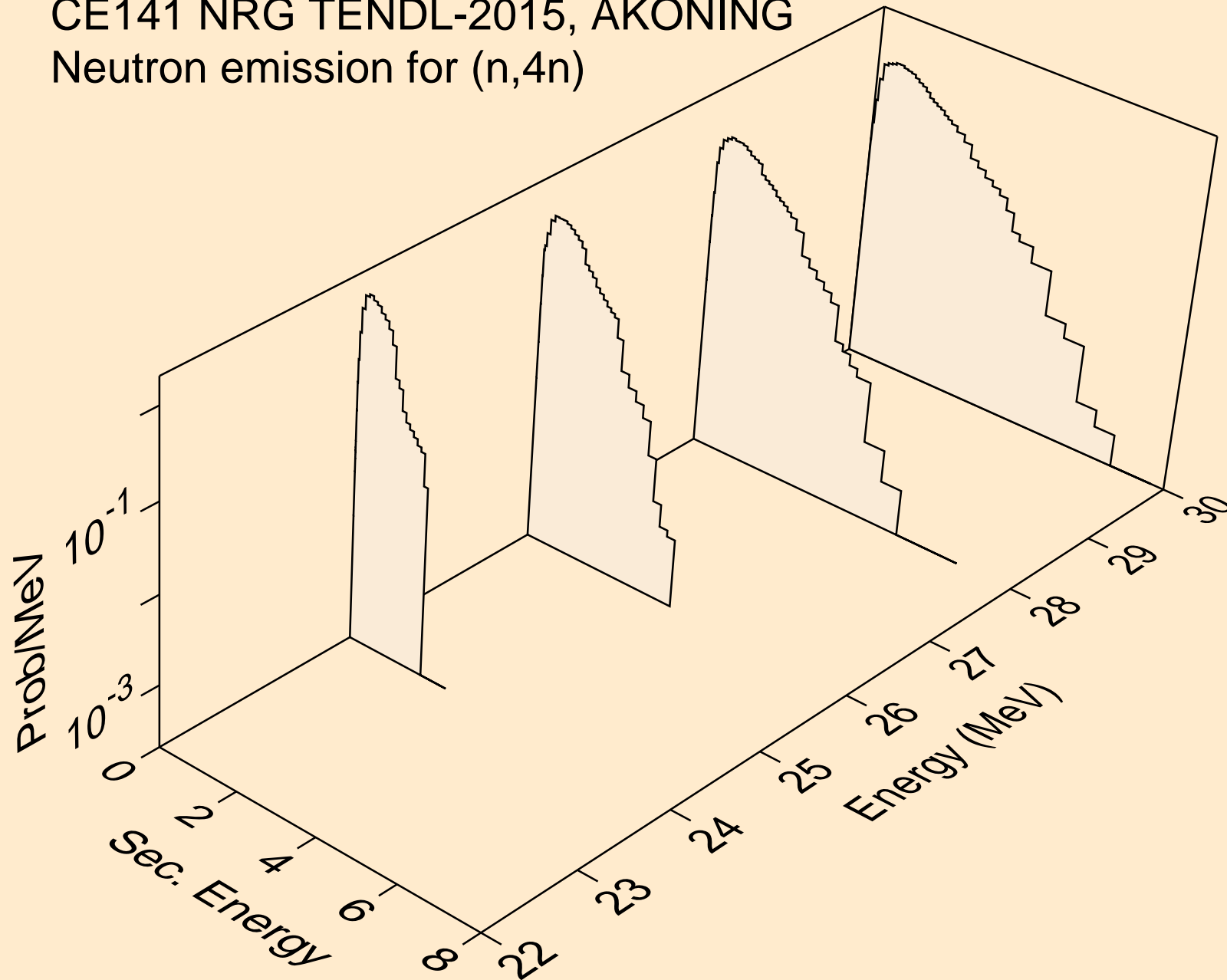
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



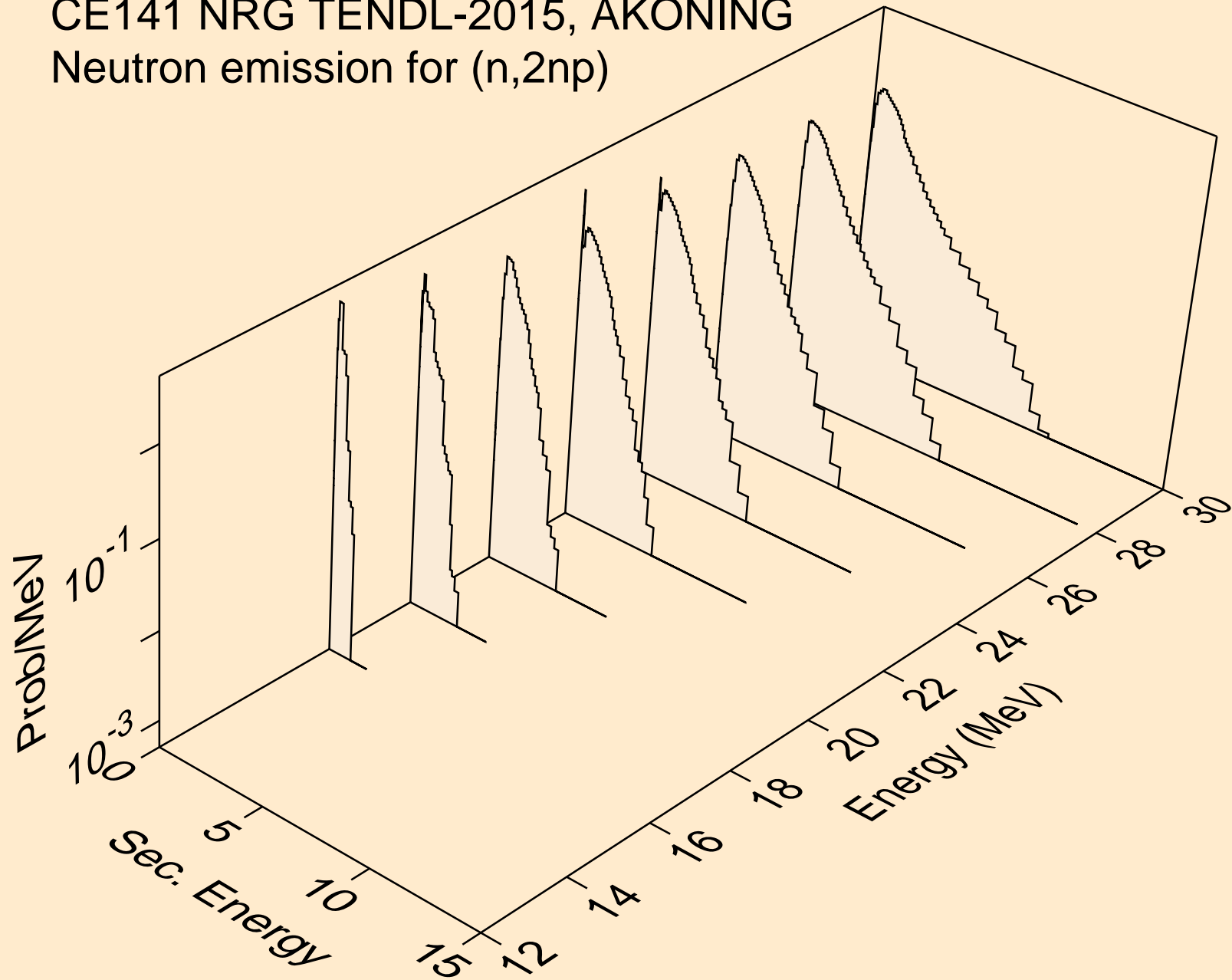
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



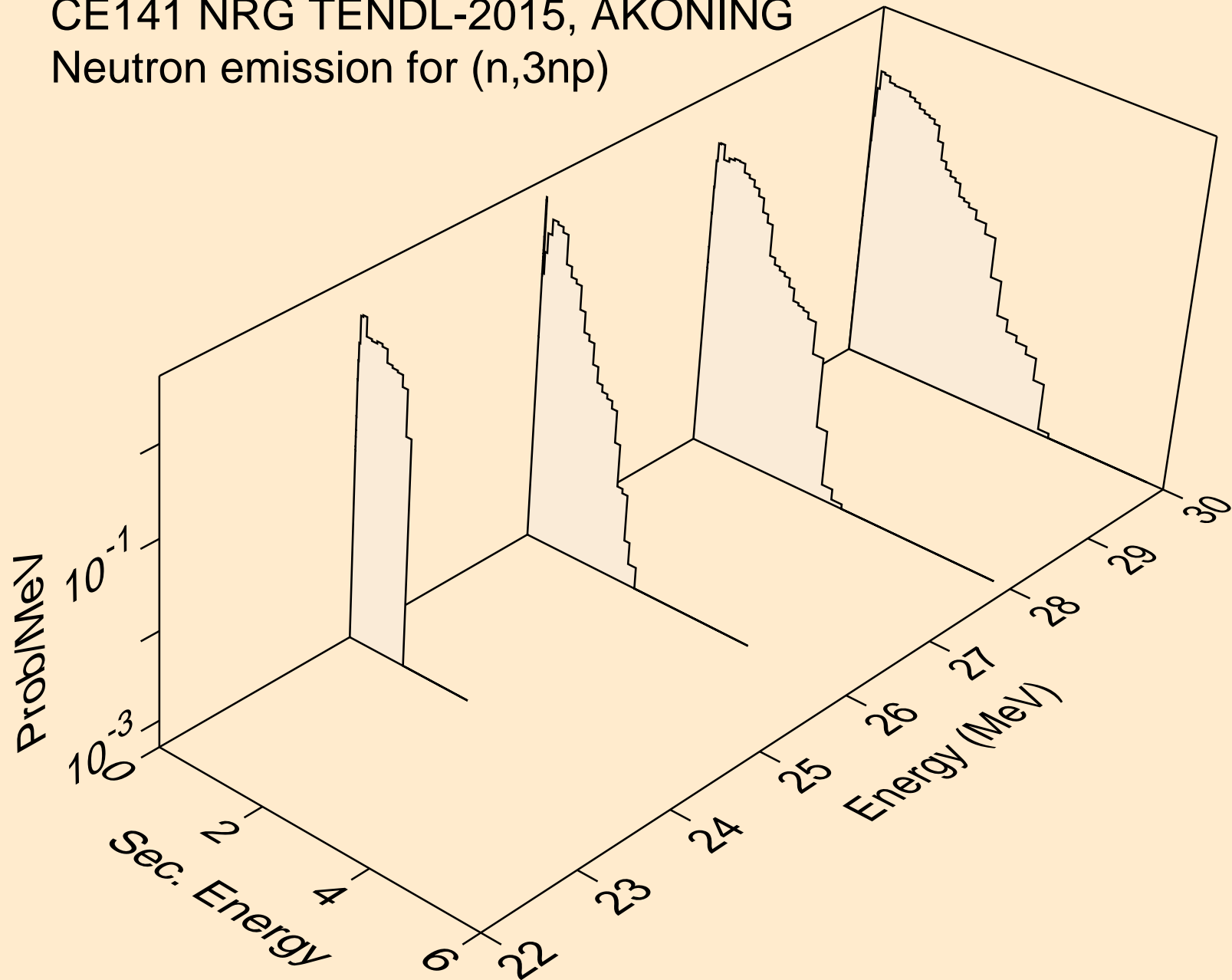
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

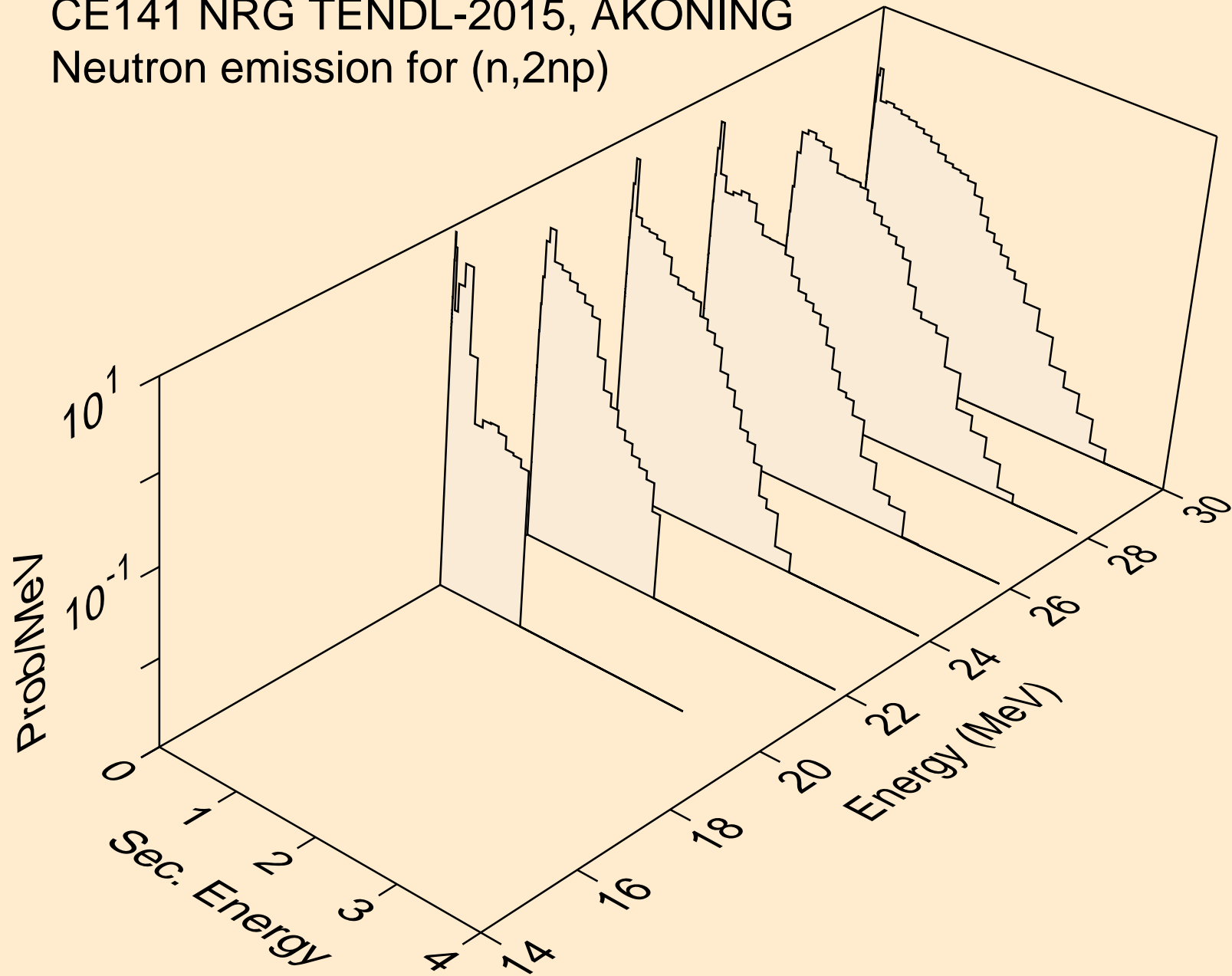


CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

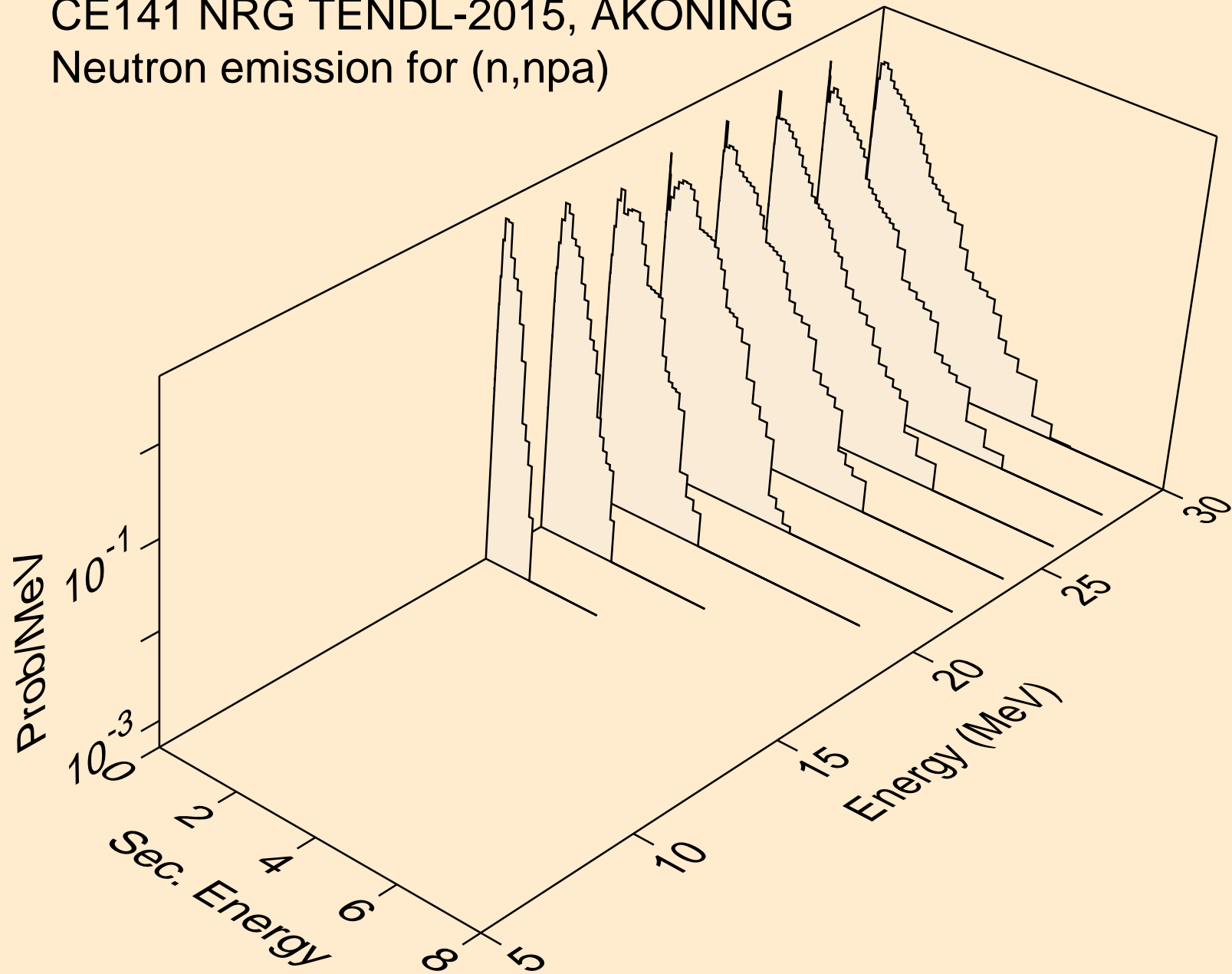




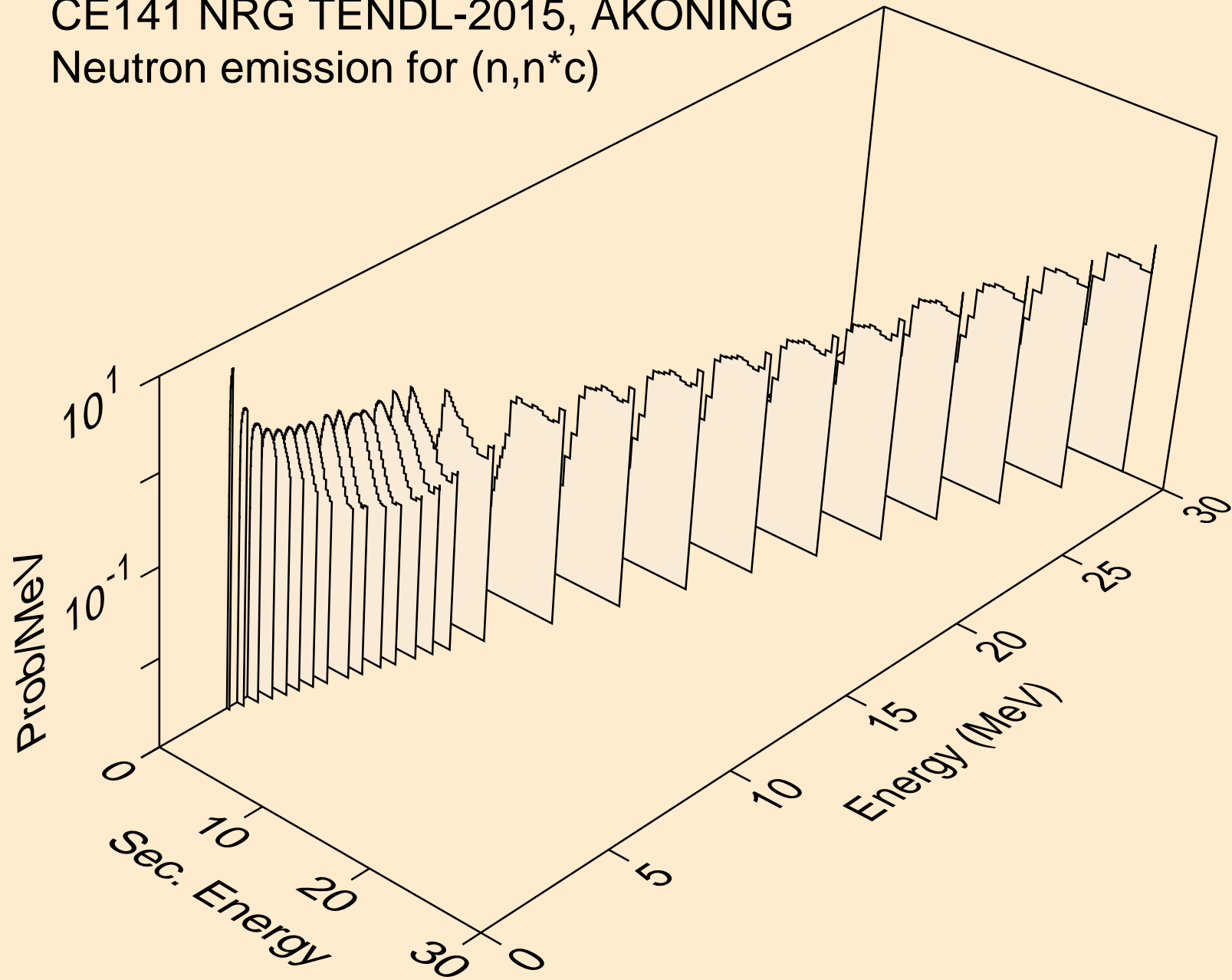
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



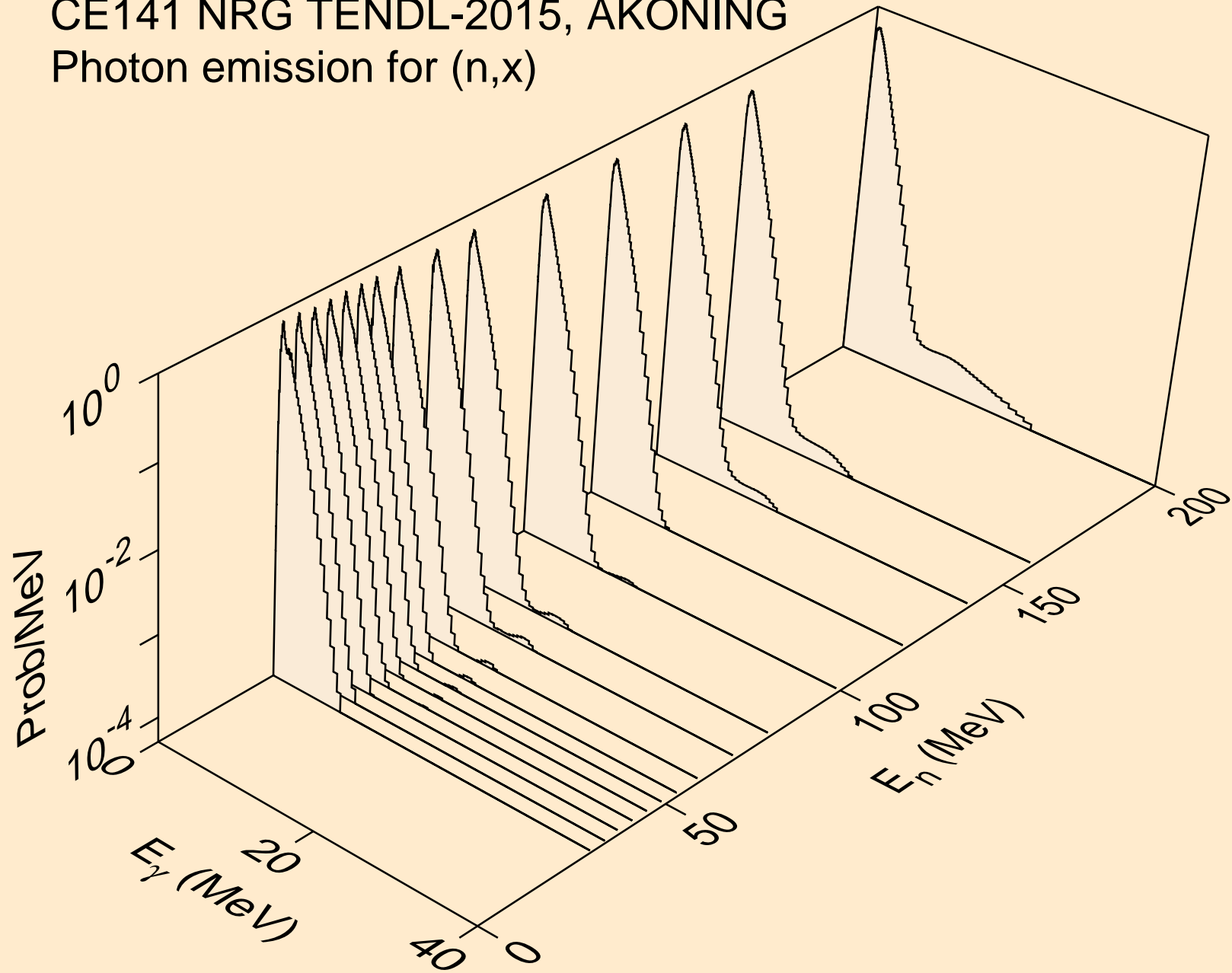
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



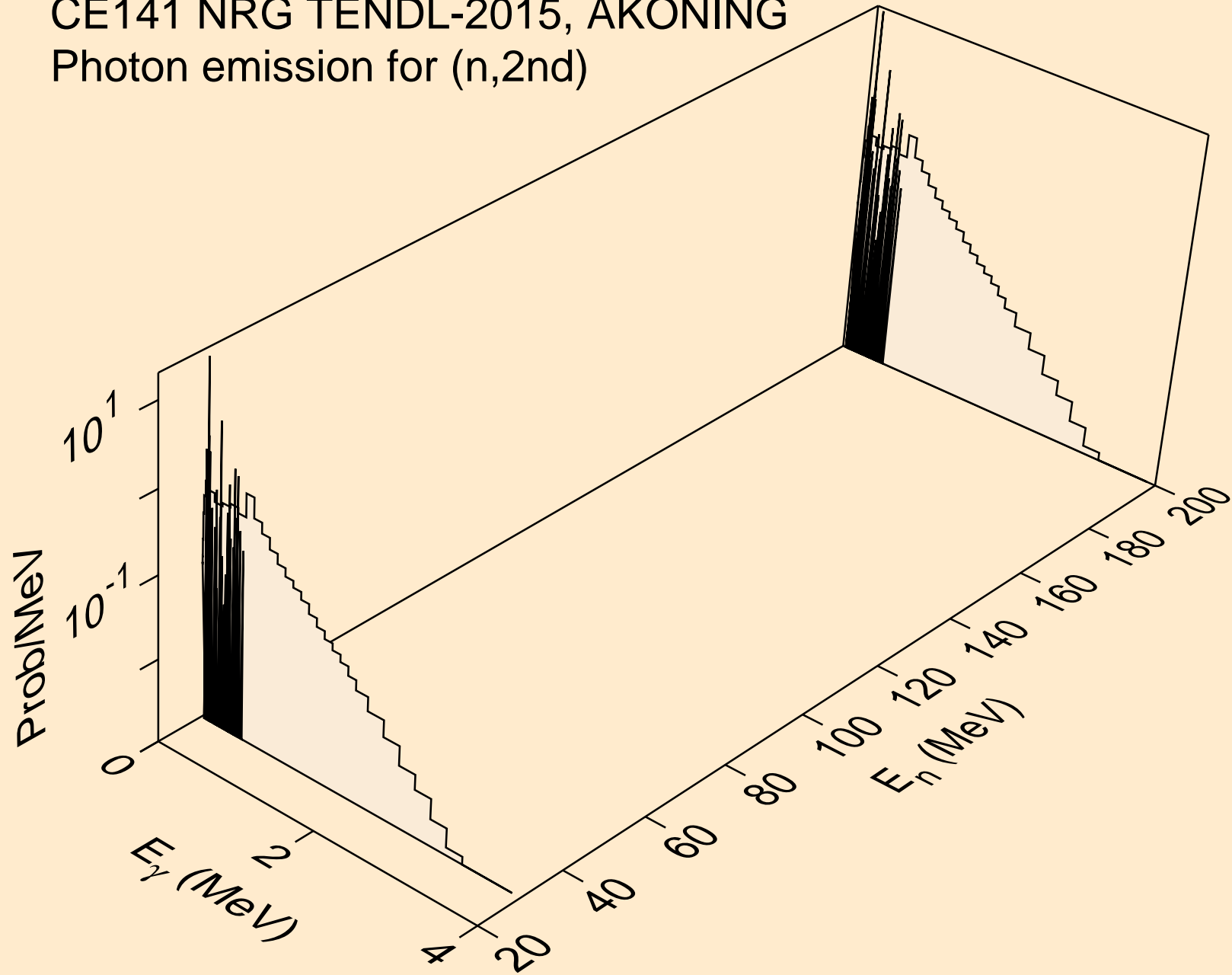
CE141 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



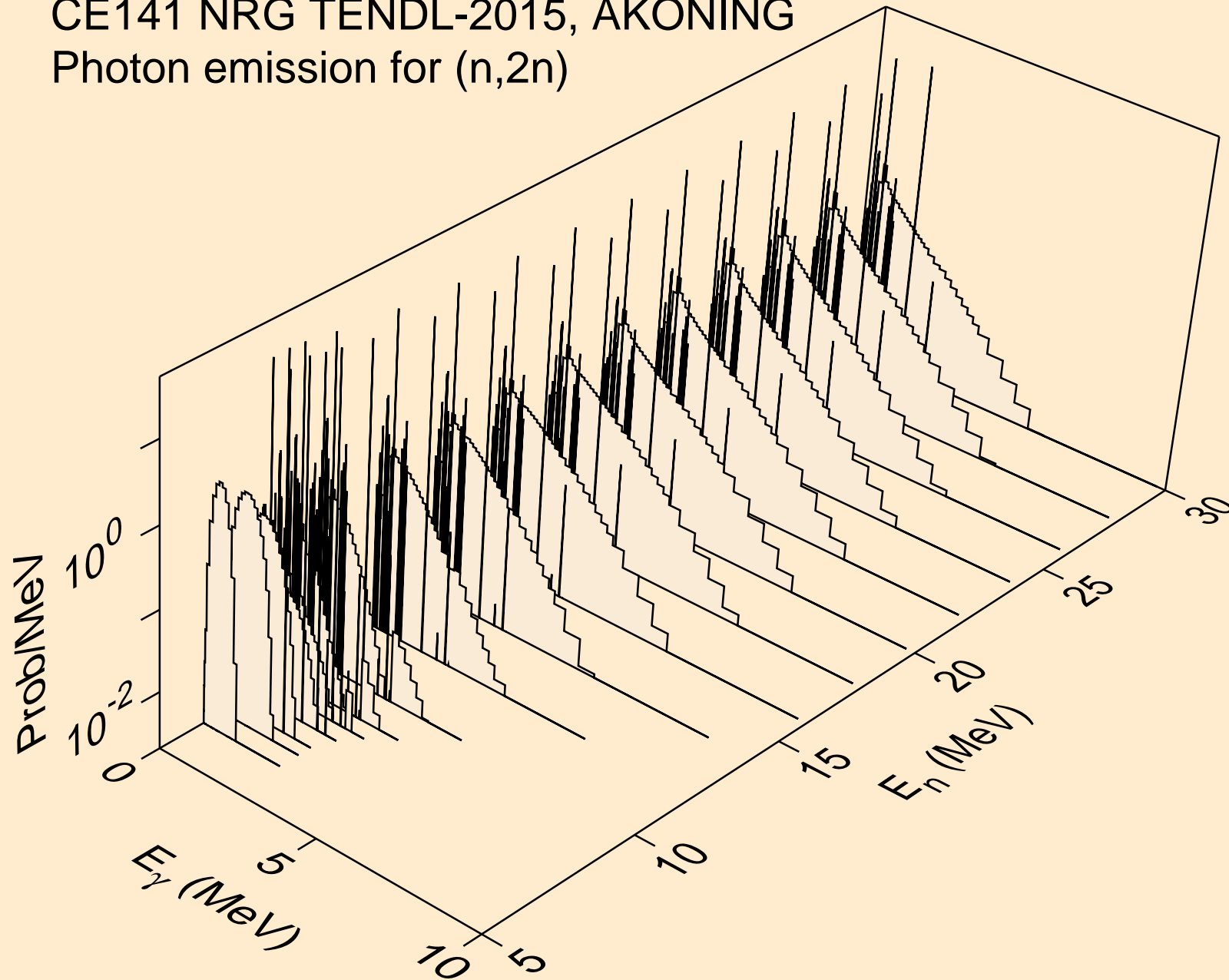
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



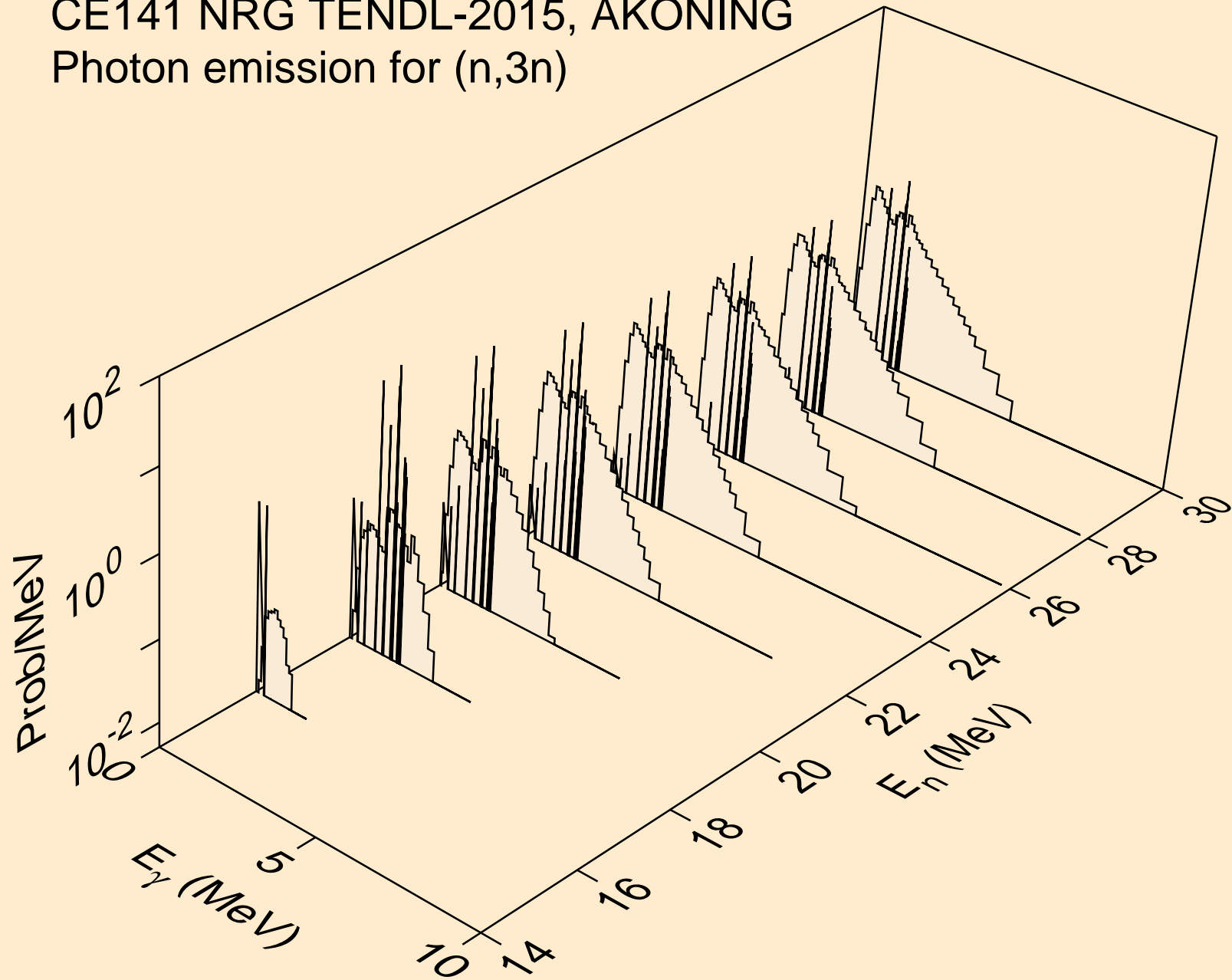
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



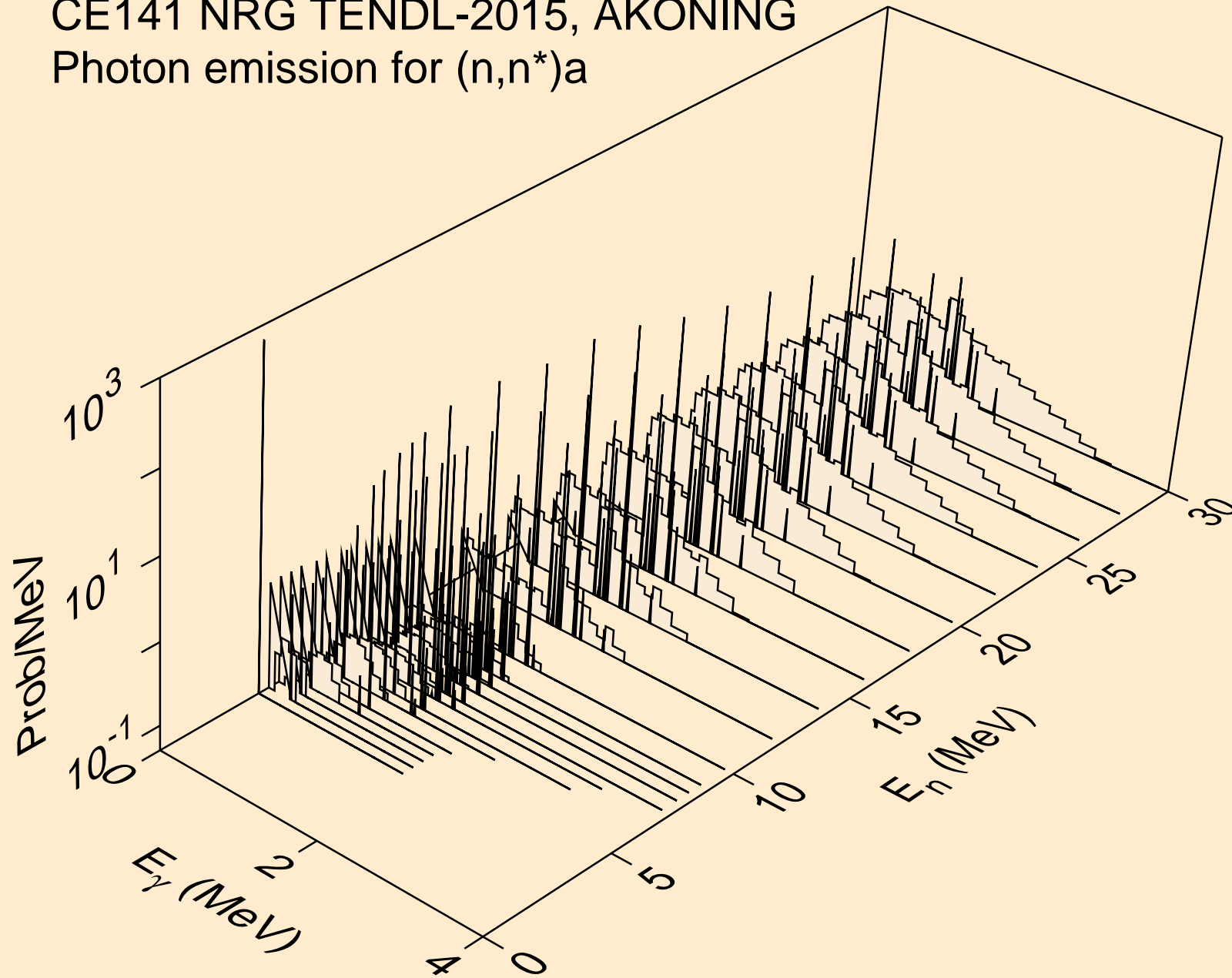
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

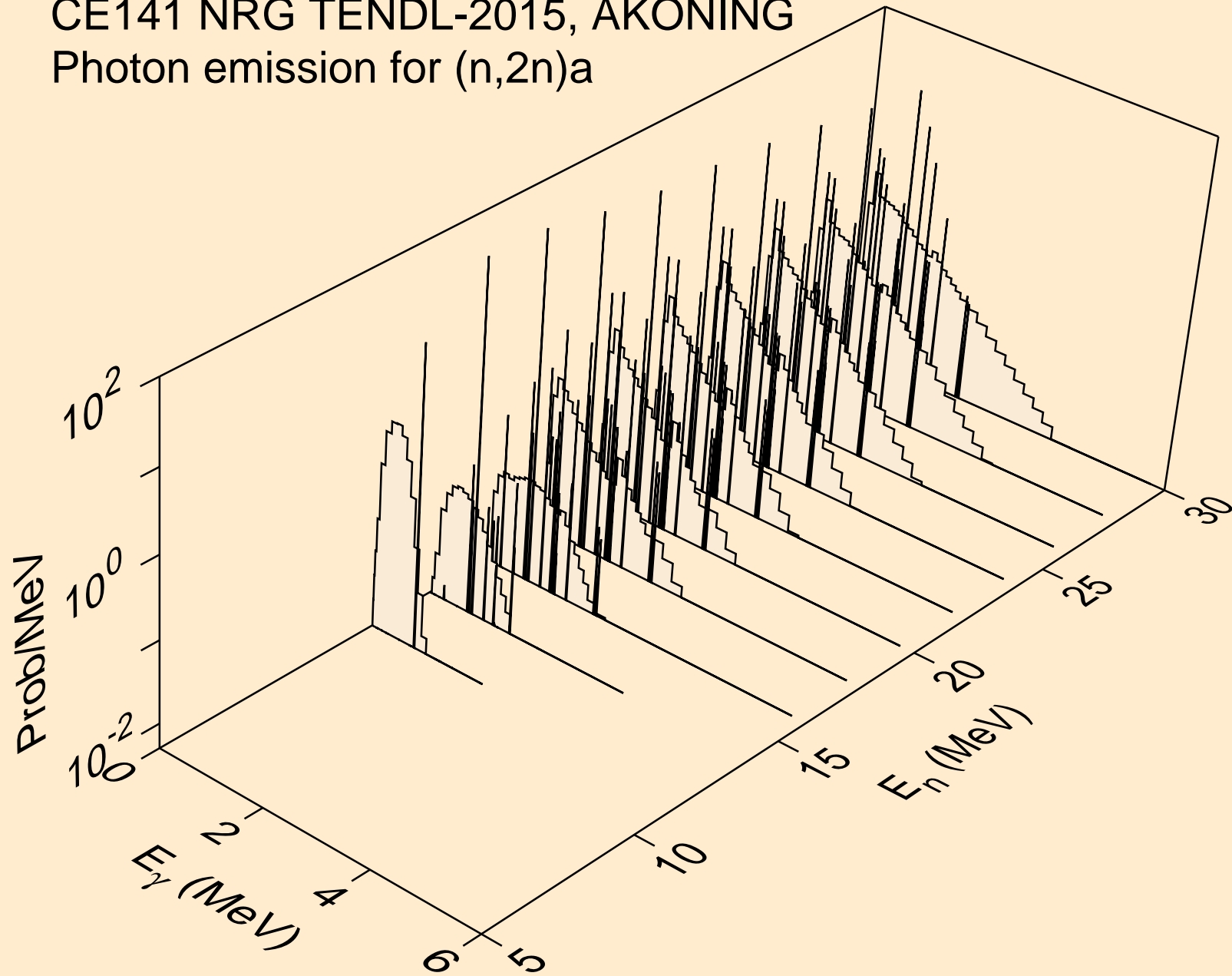


CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

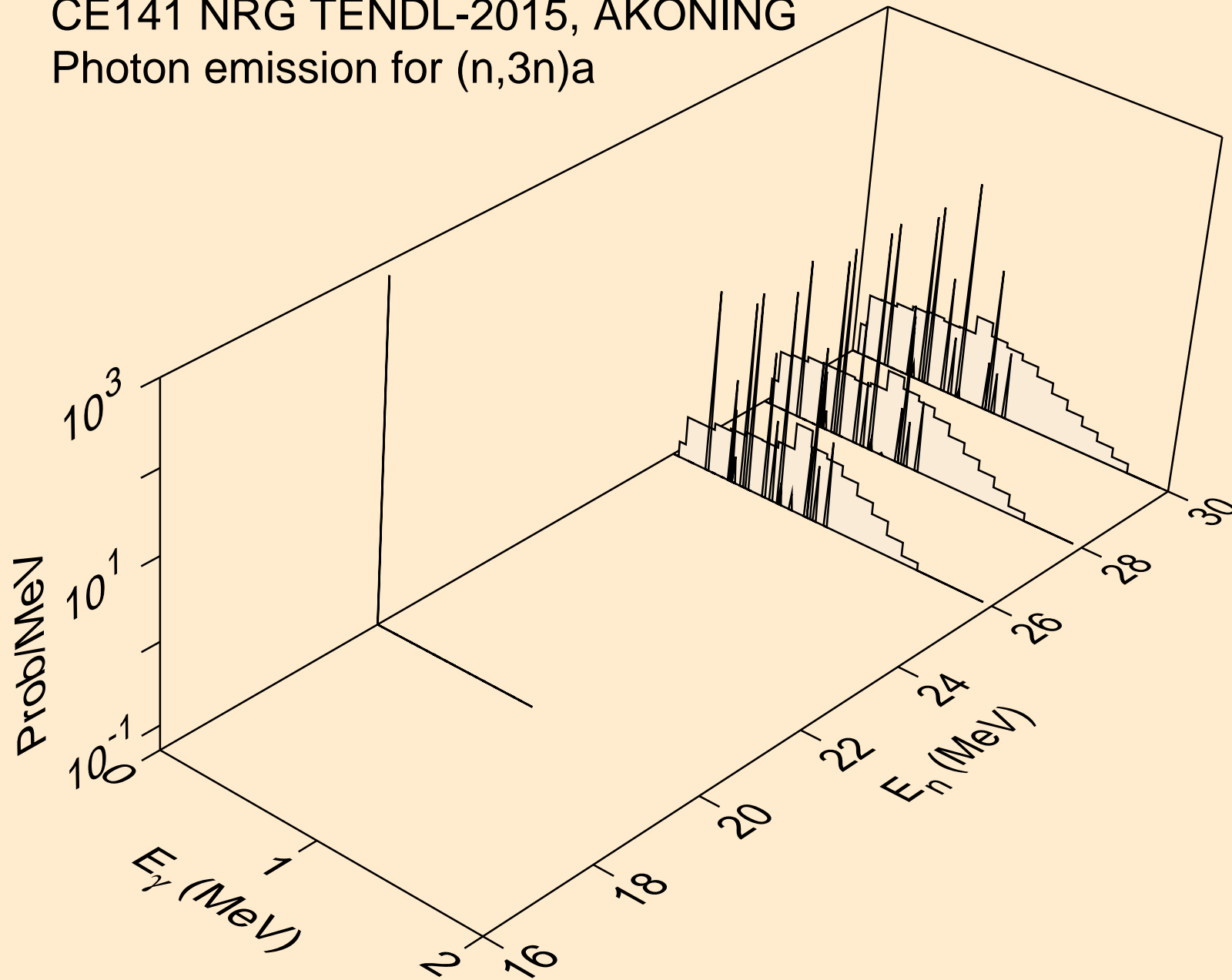




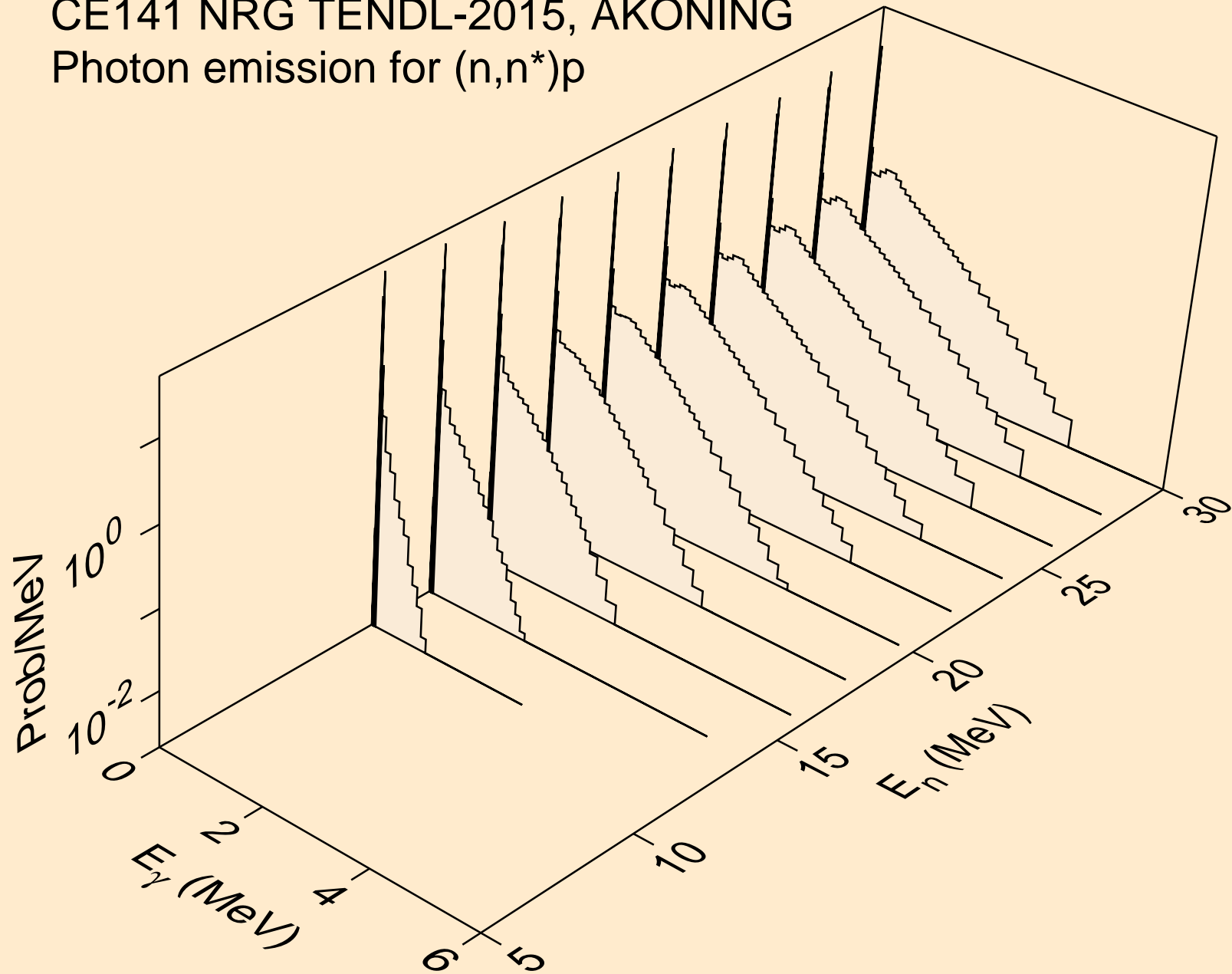
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



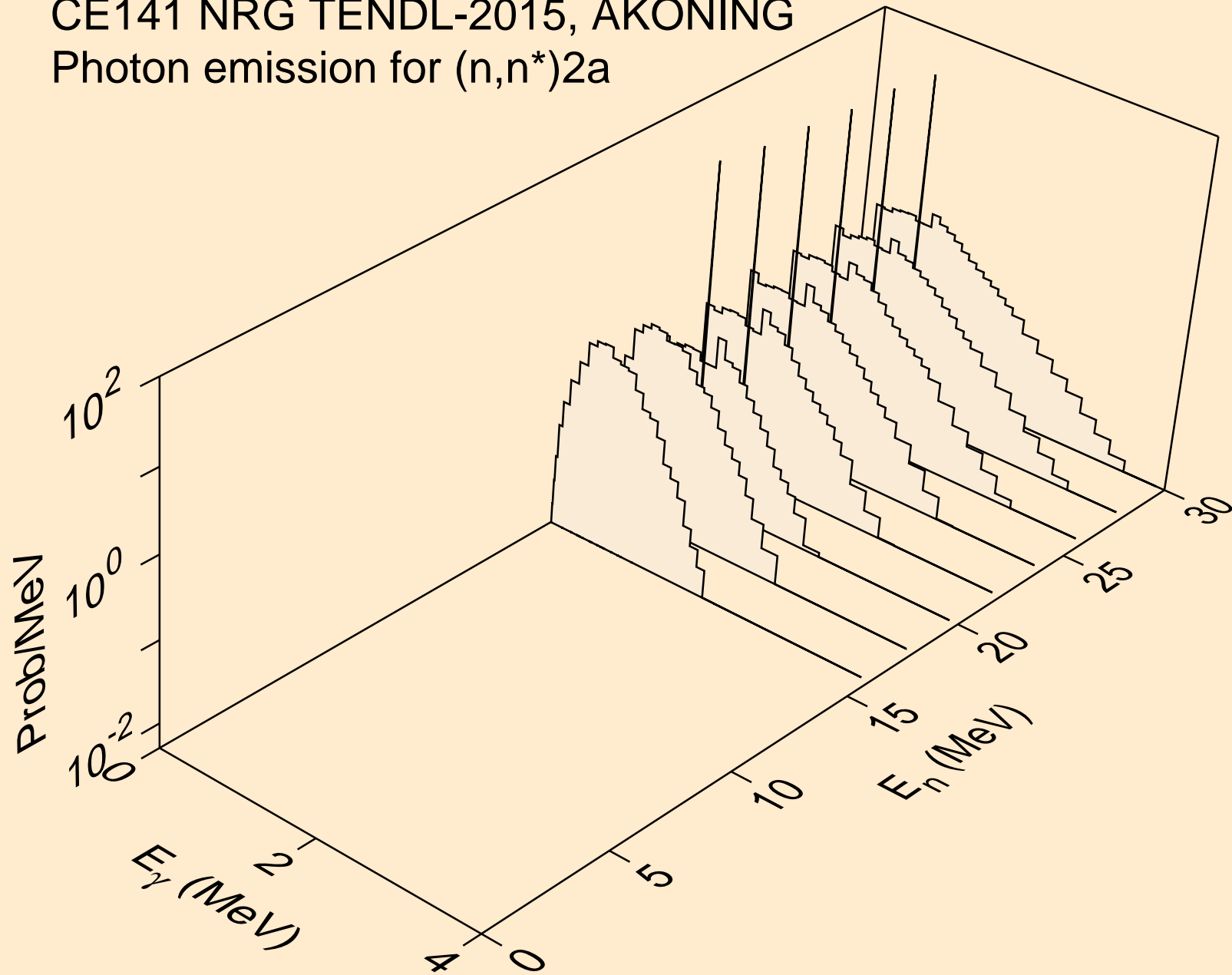
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



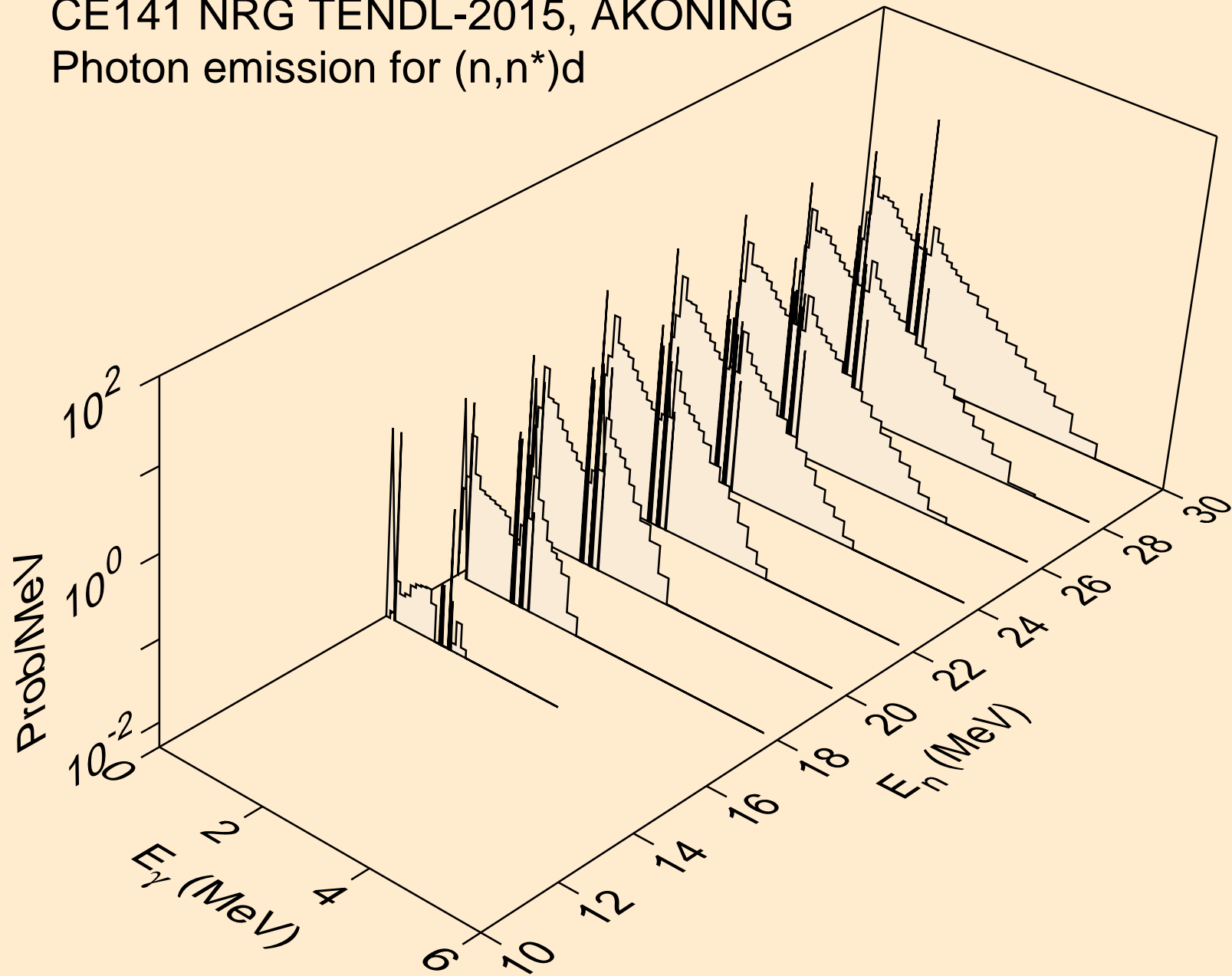
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



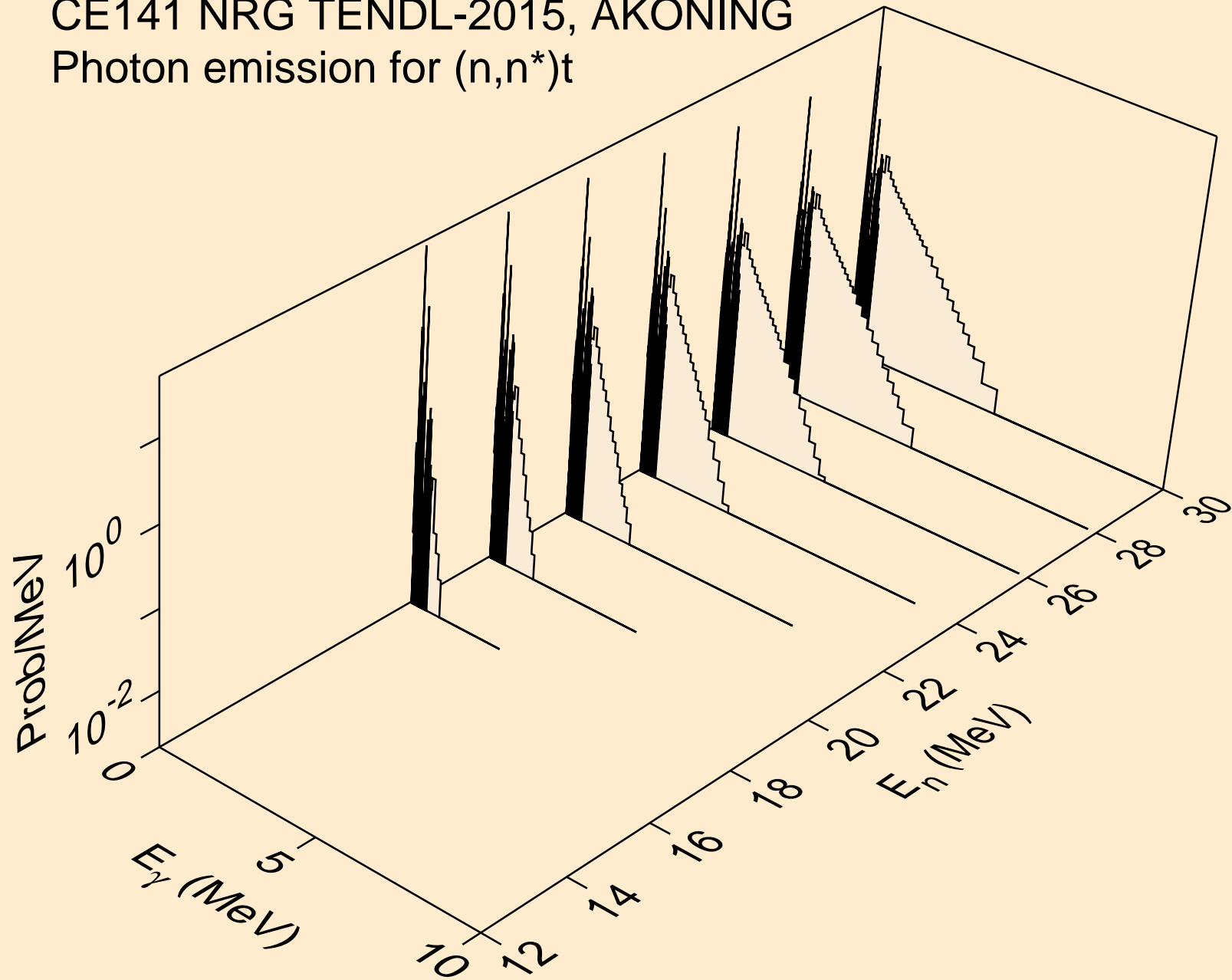
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



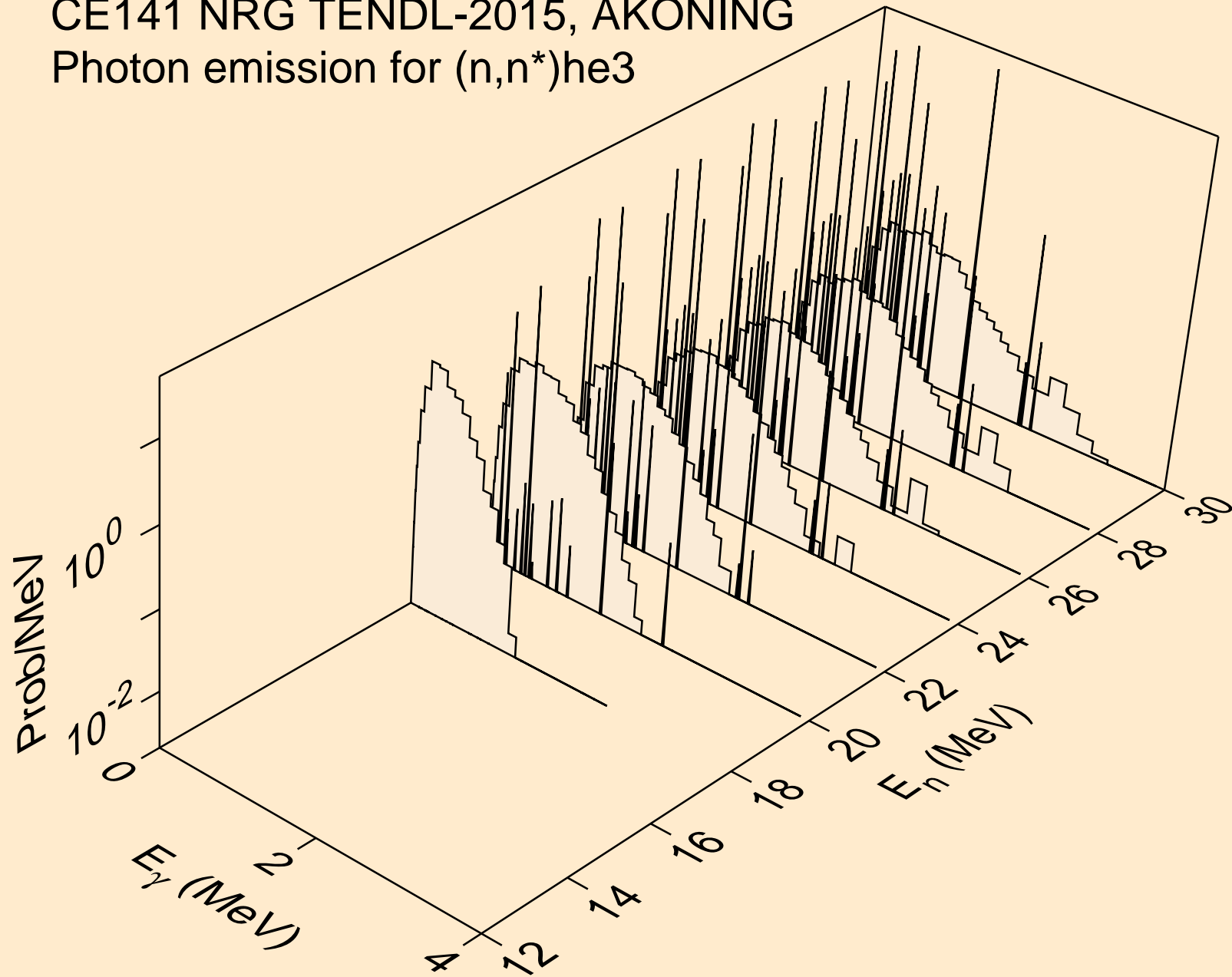
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



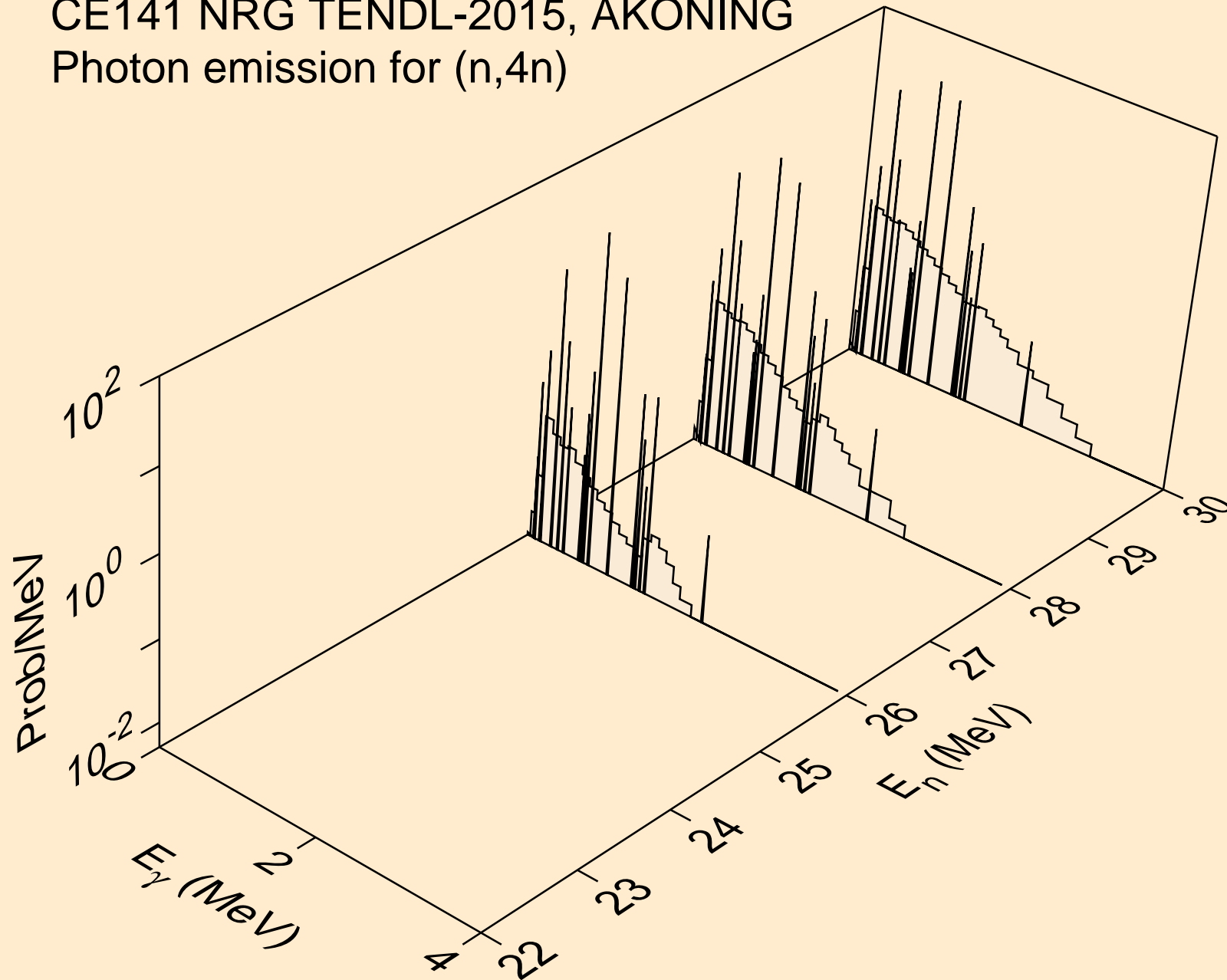
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

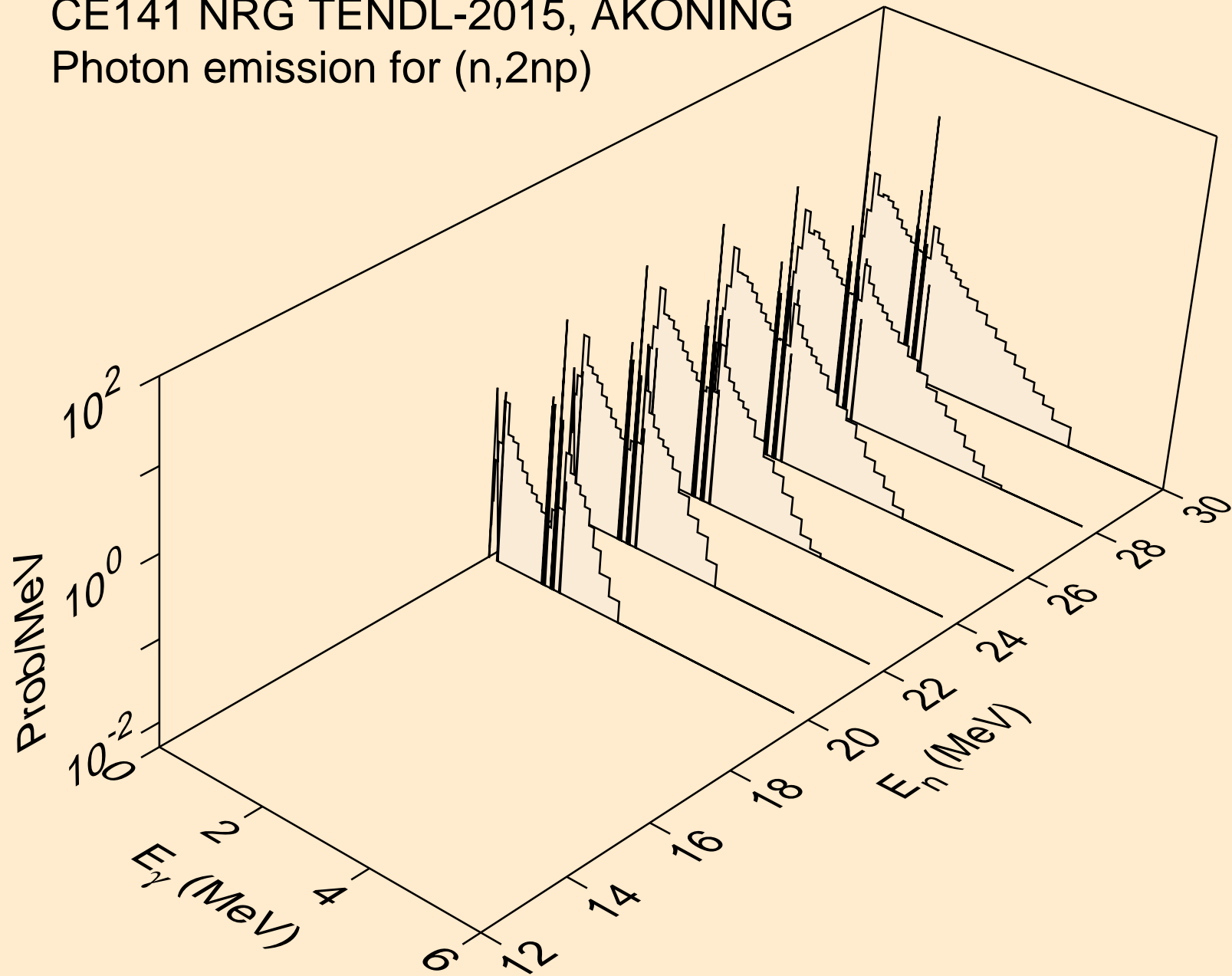


CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

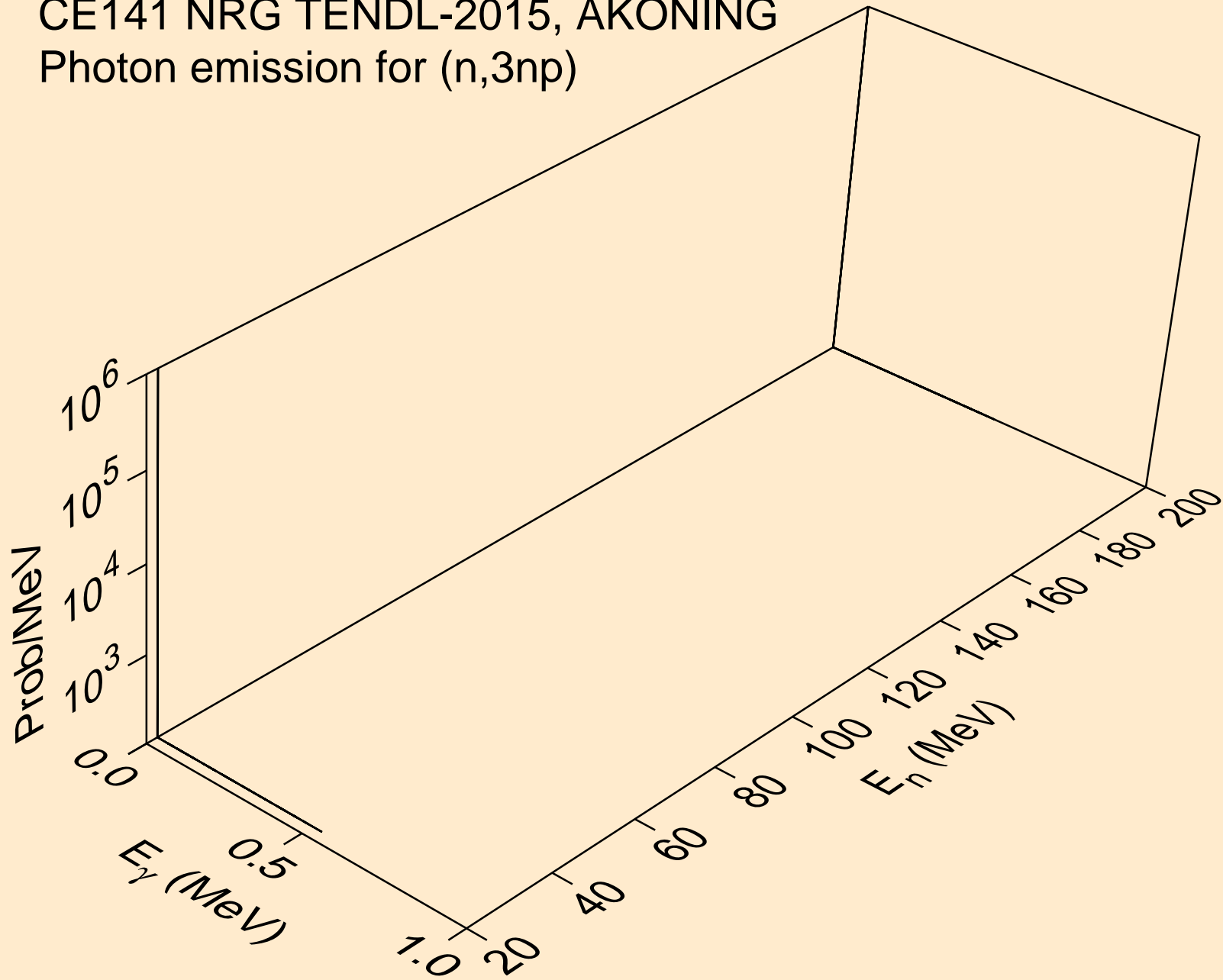




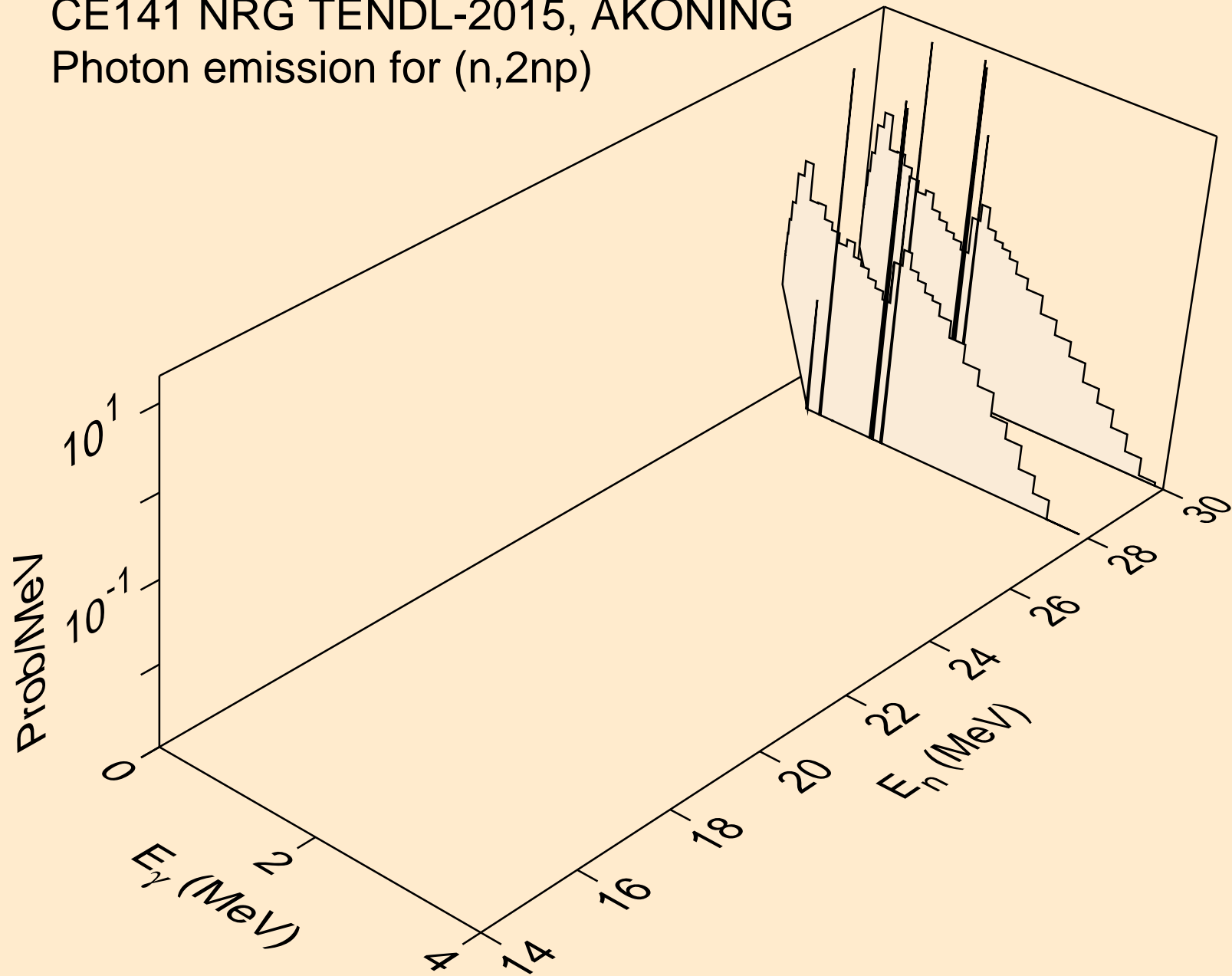
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



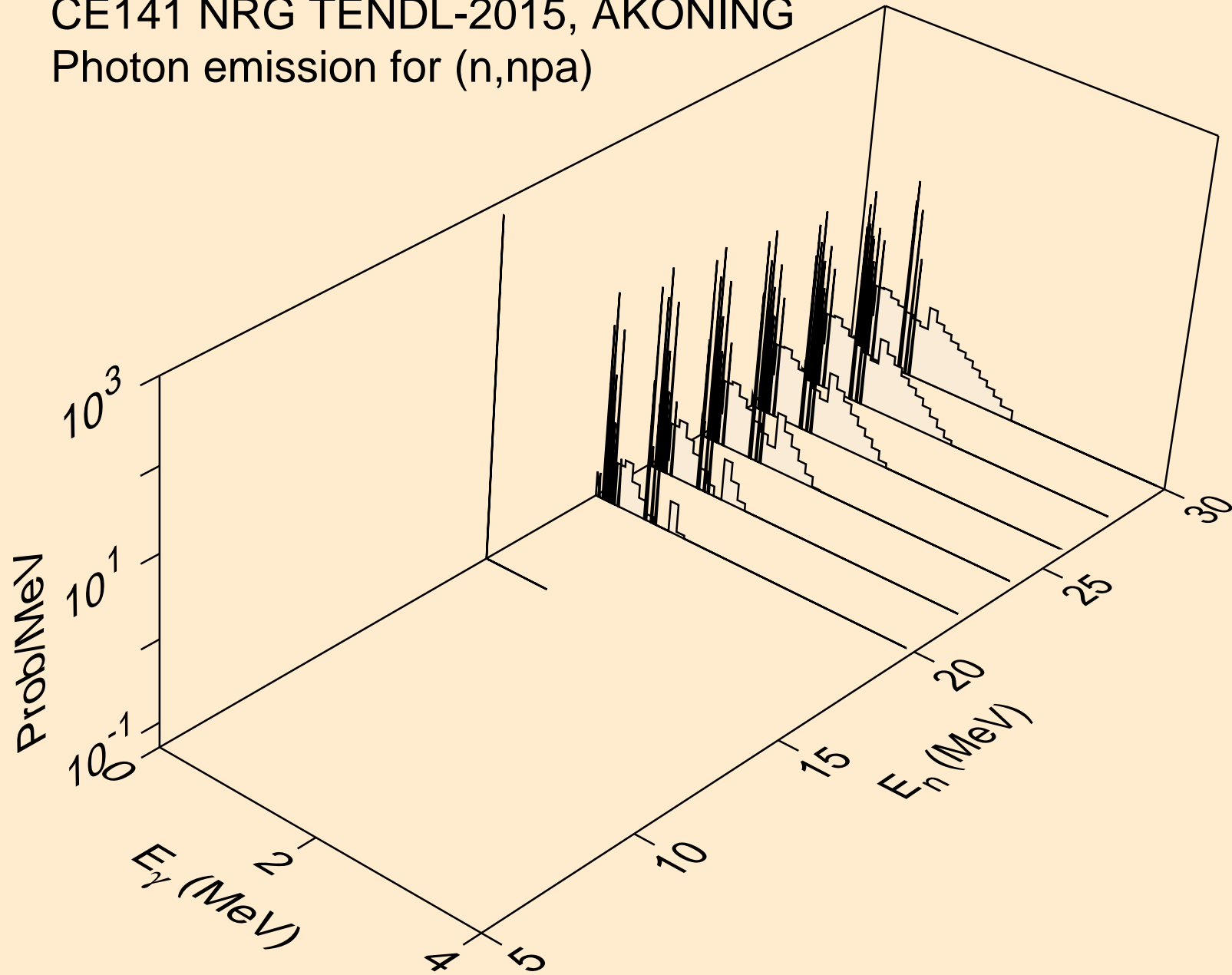
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



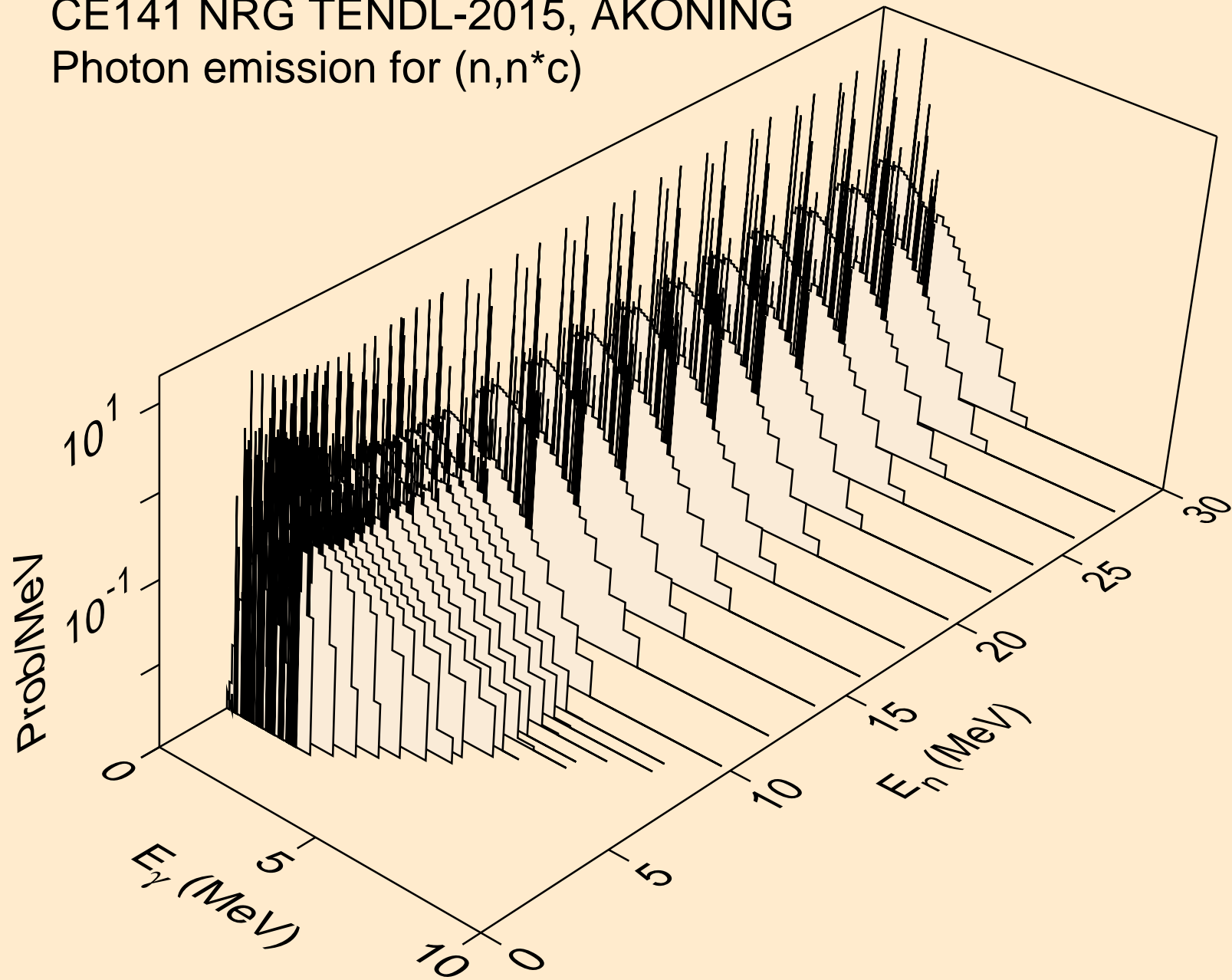
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



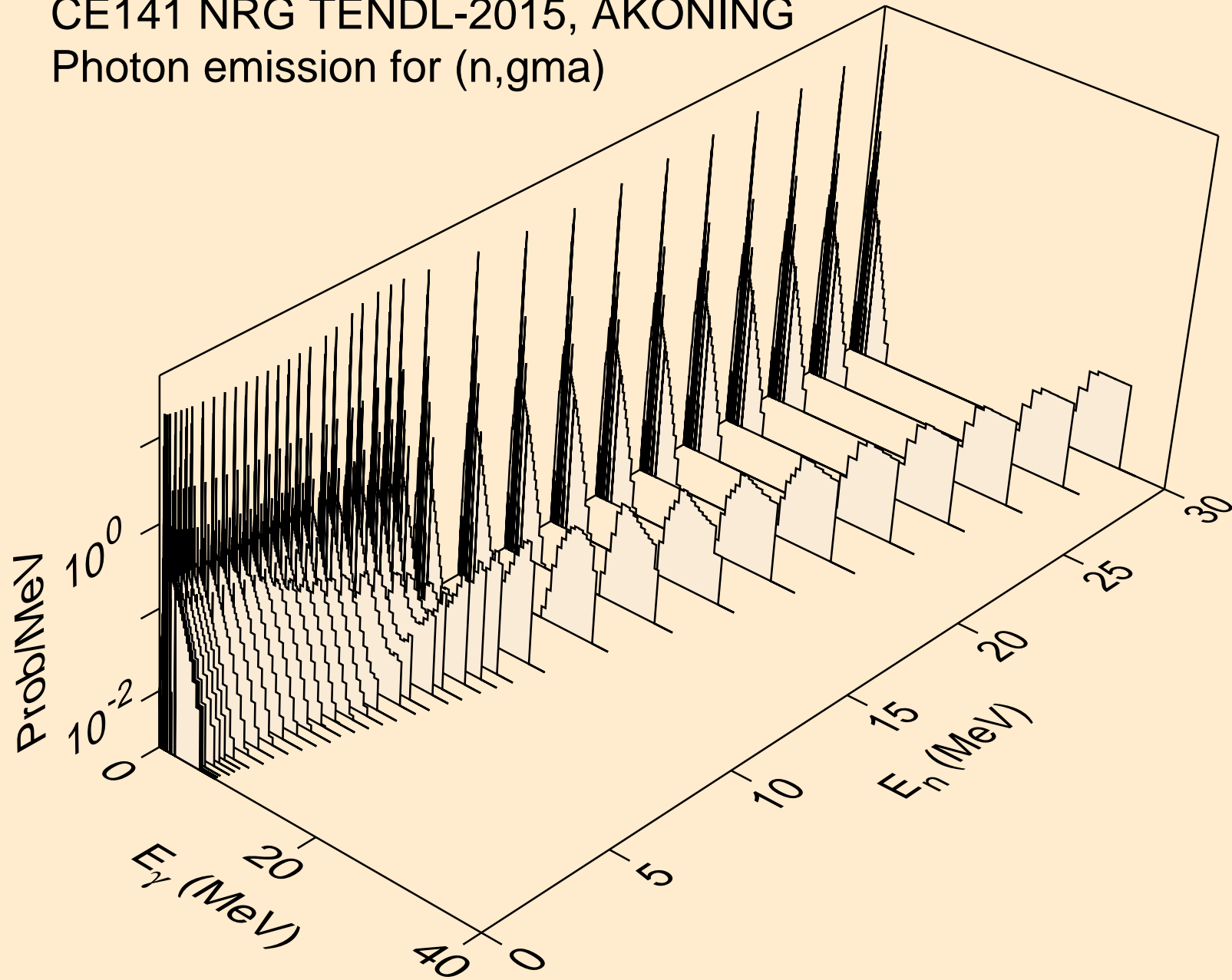
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



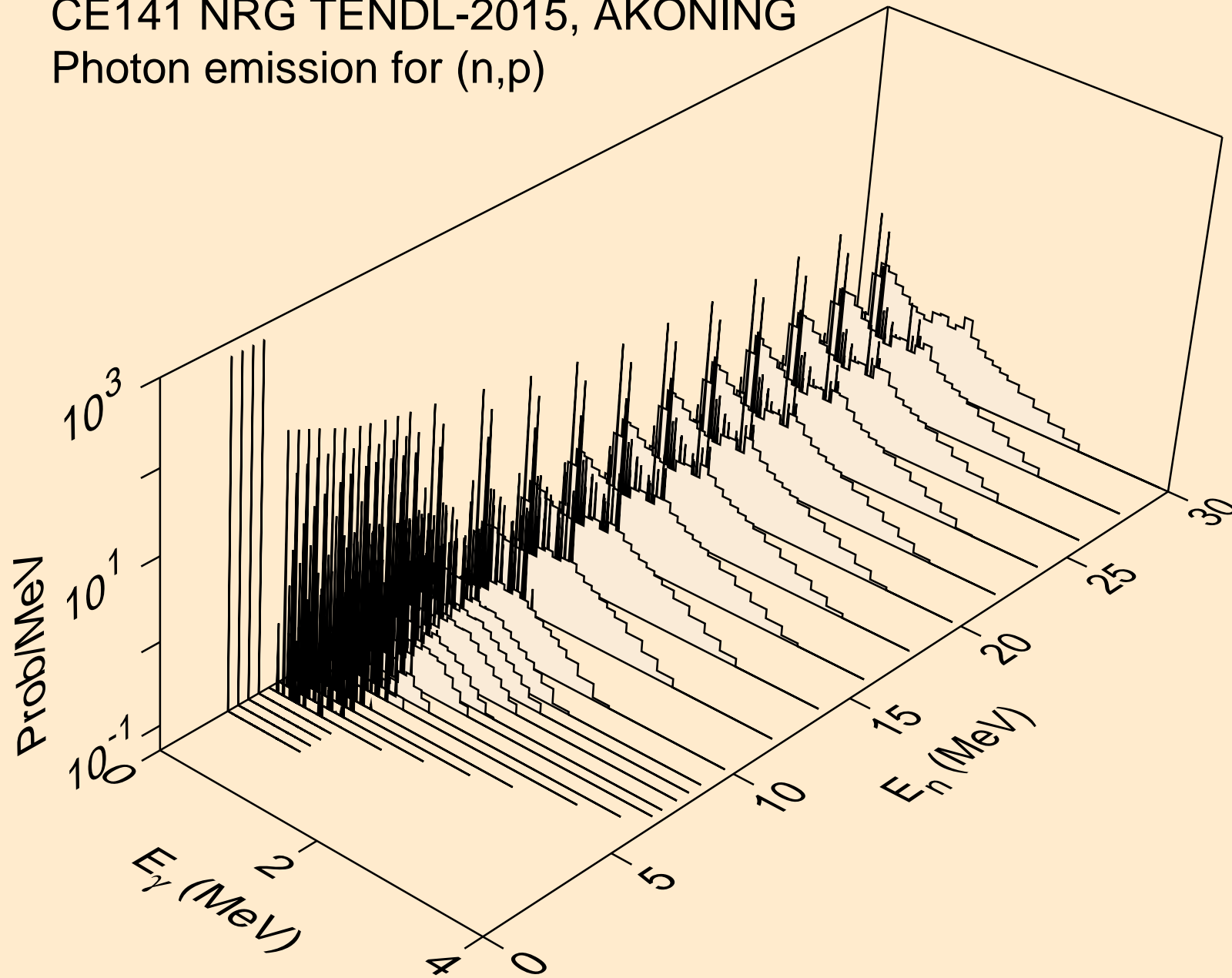
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



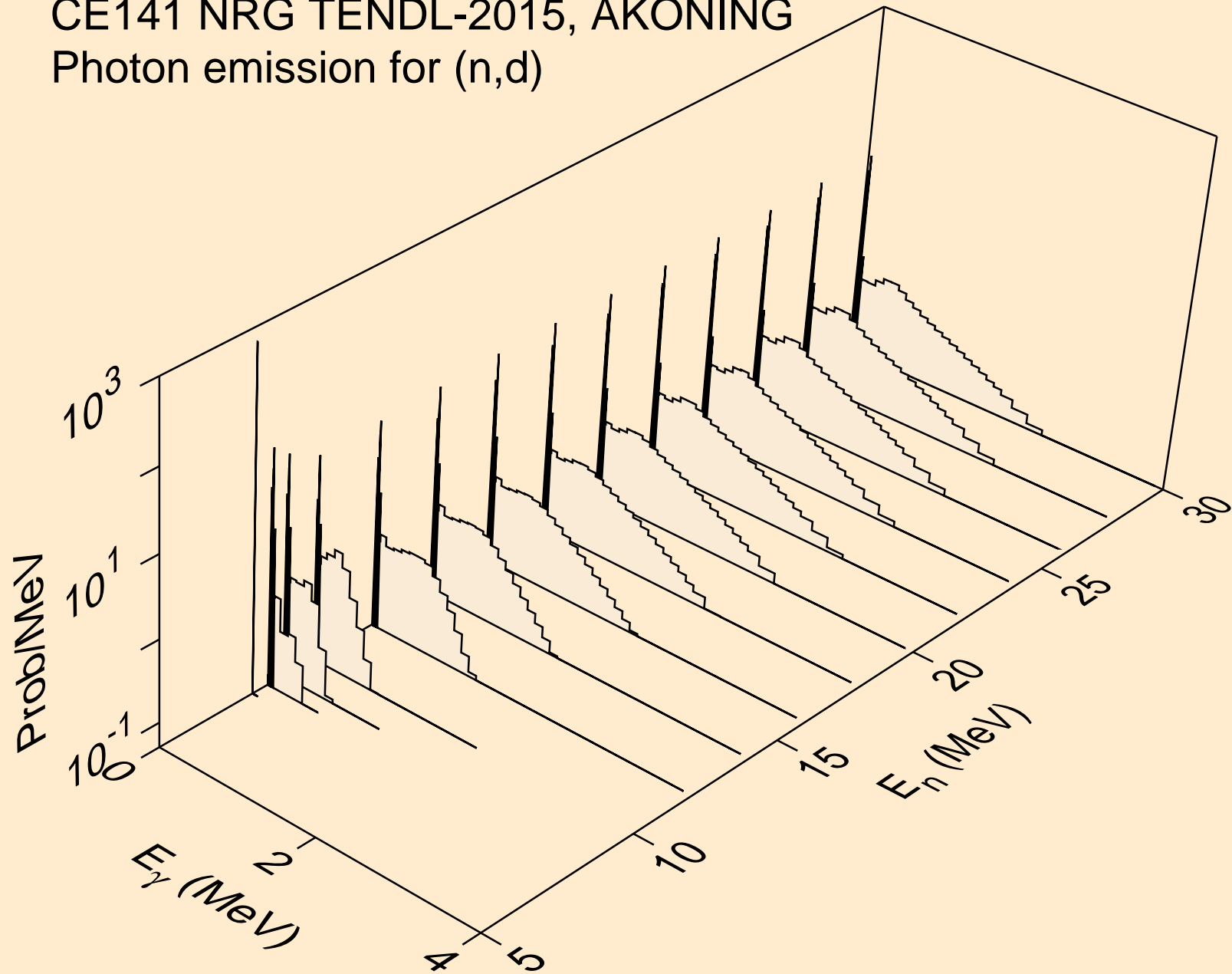
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

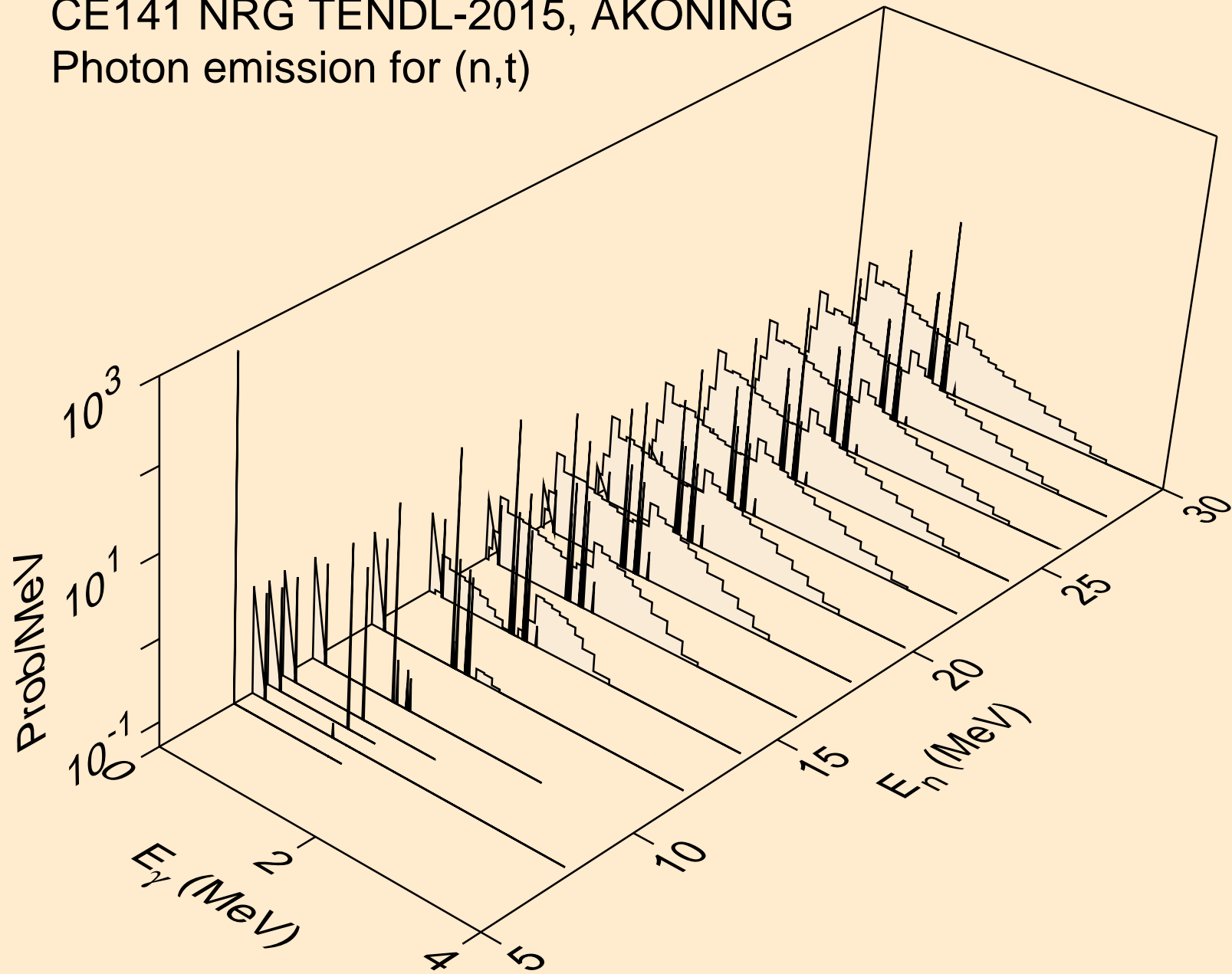


CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

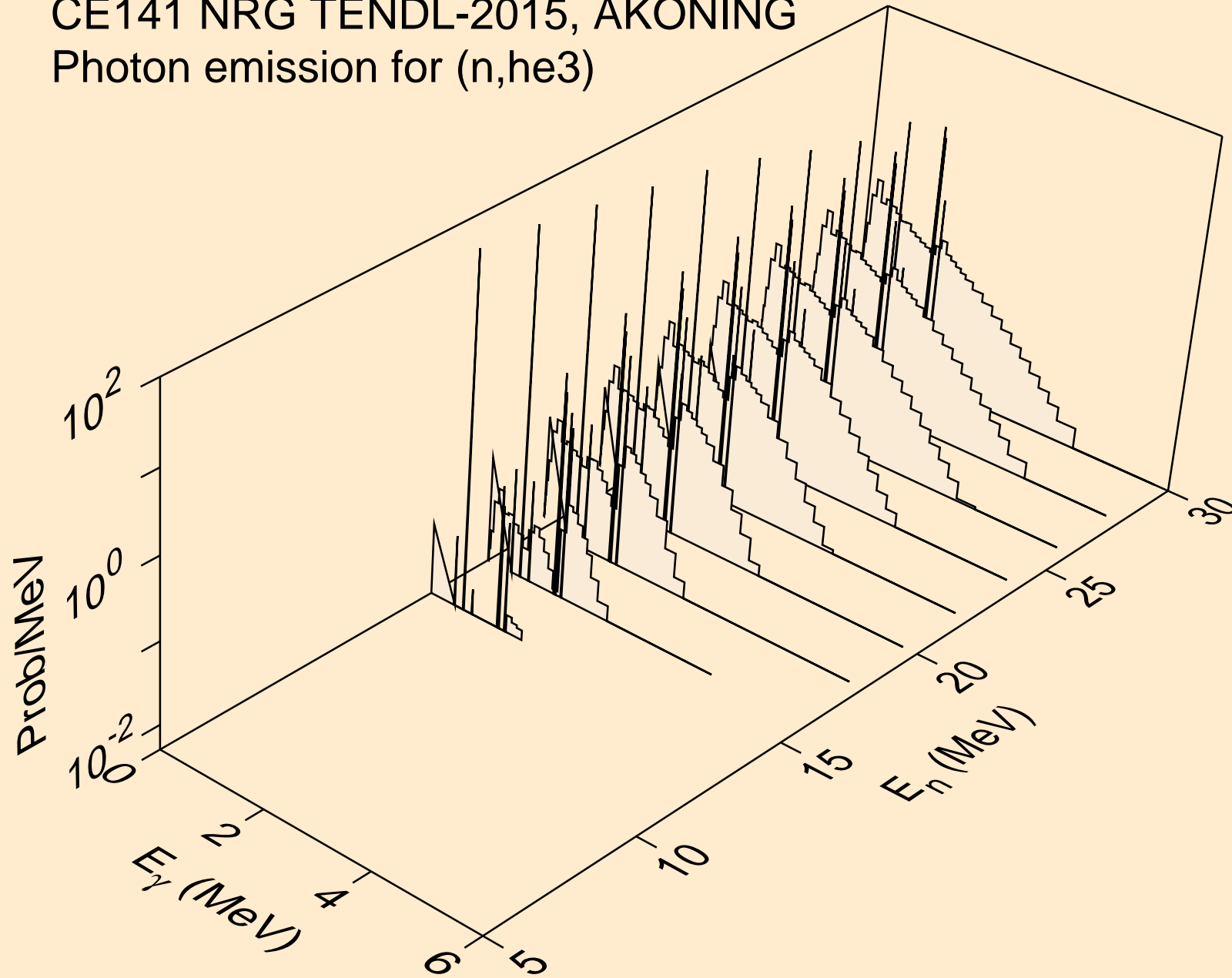




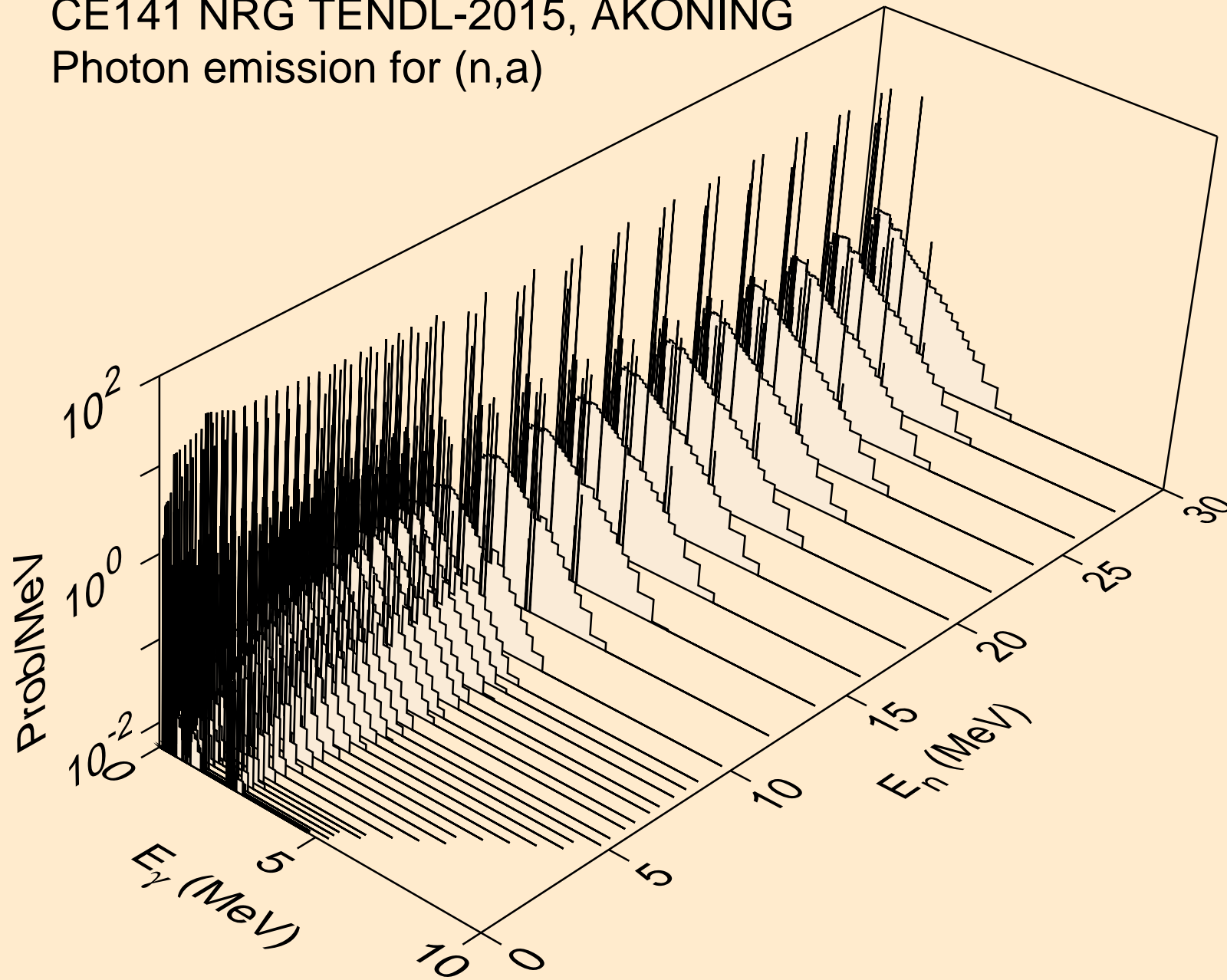
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



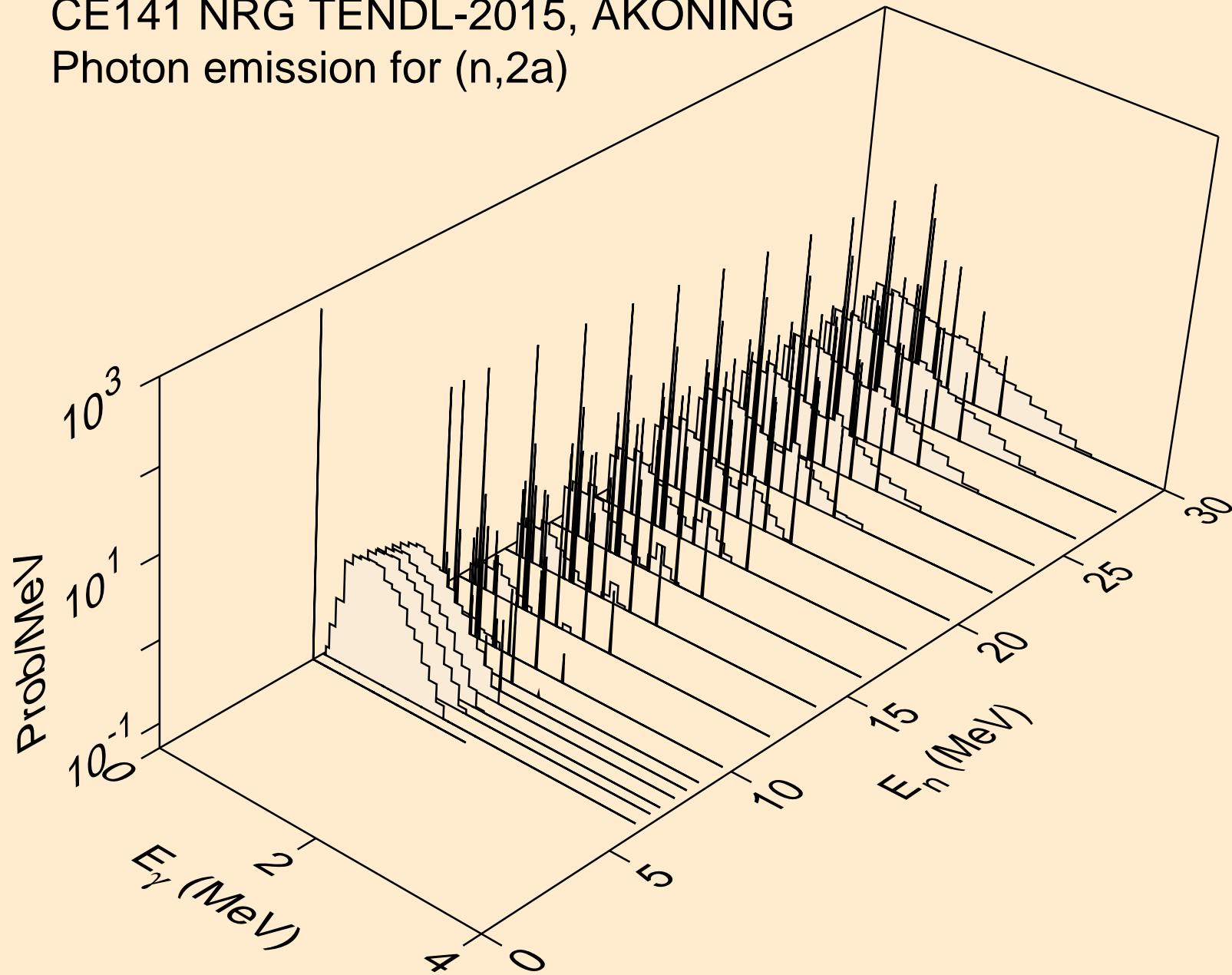
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



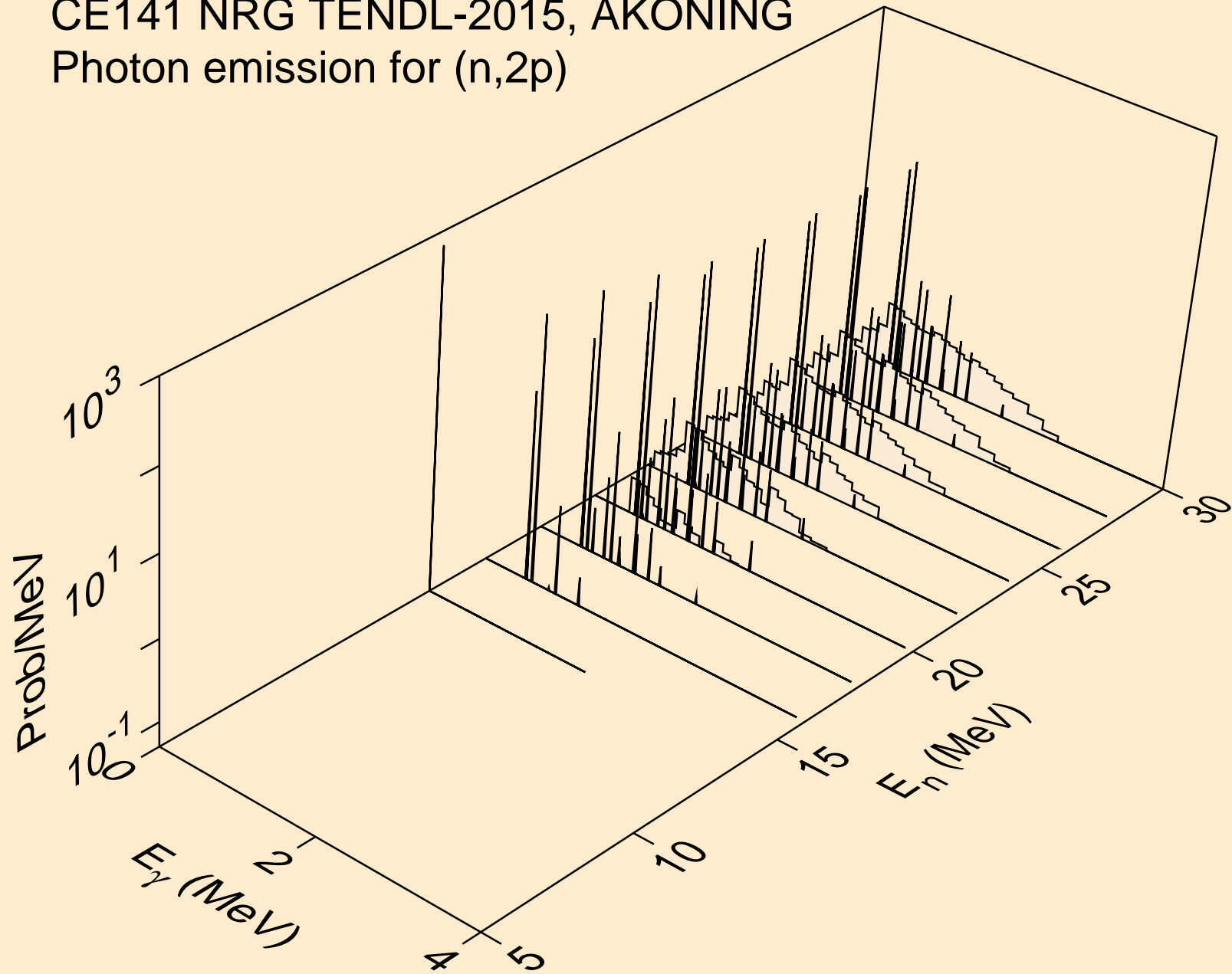
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



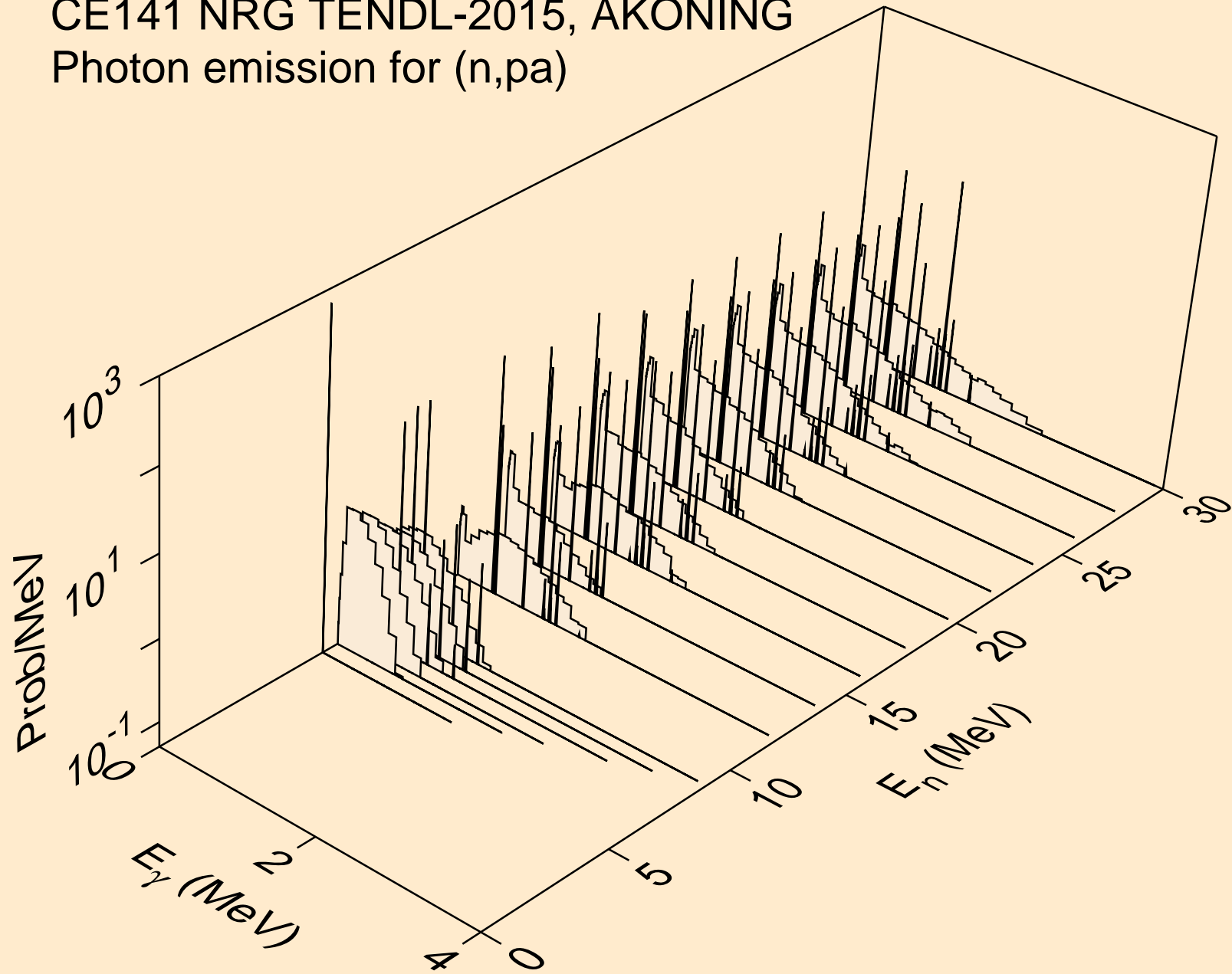
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



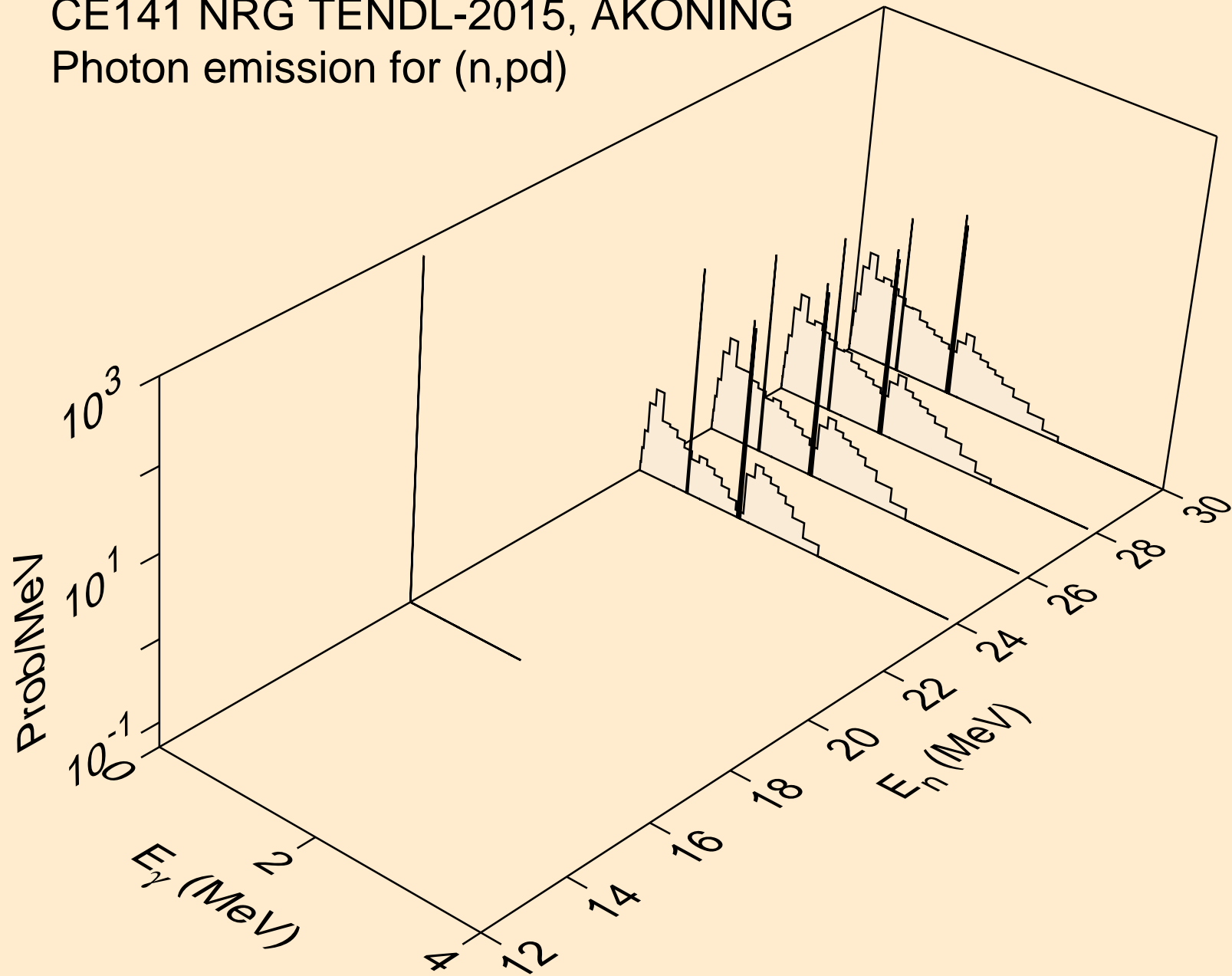
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



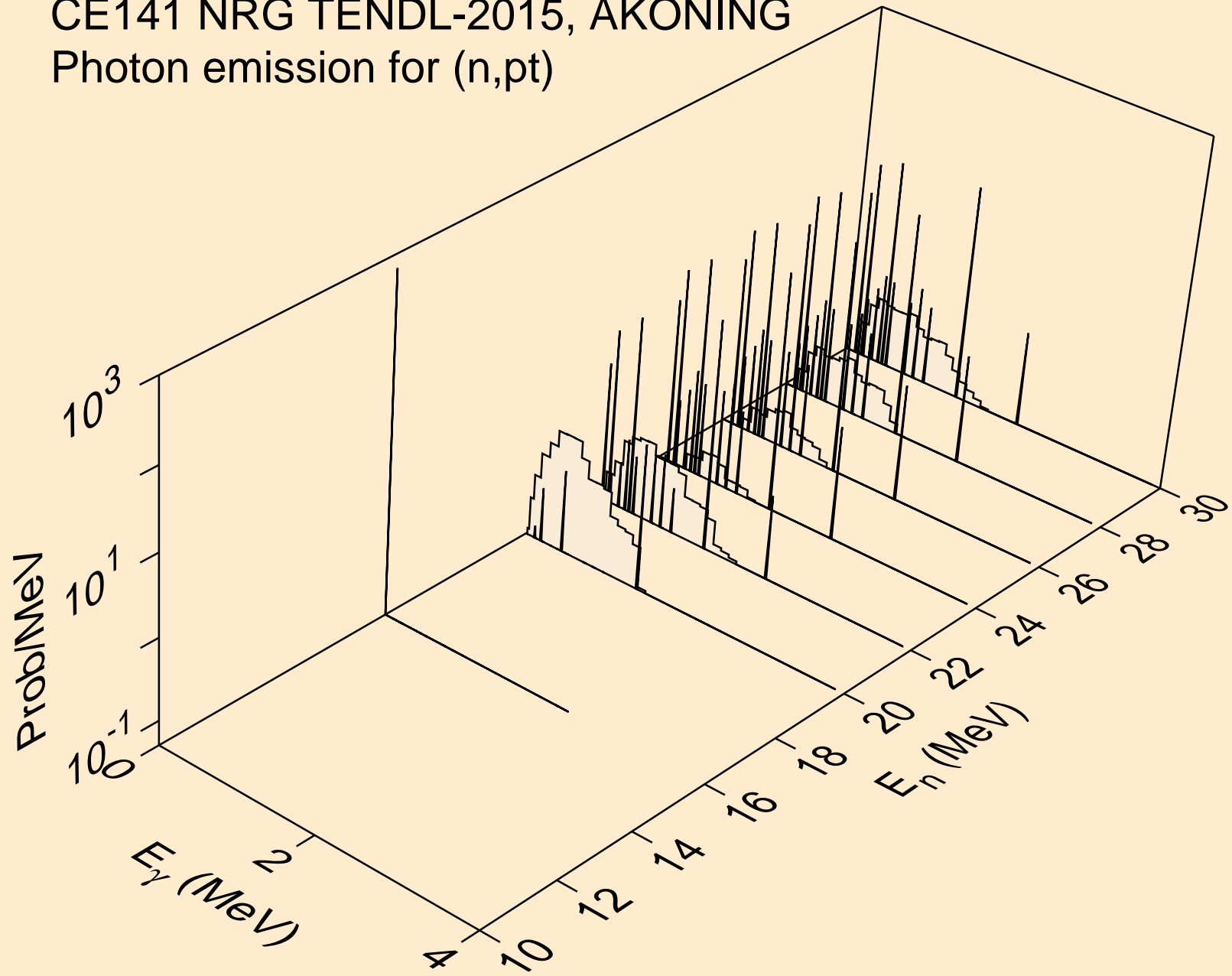
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

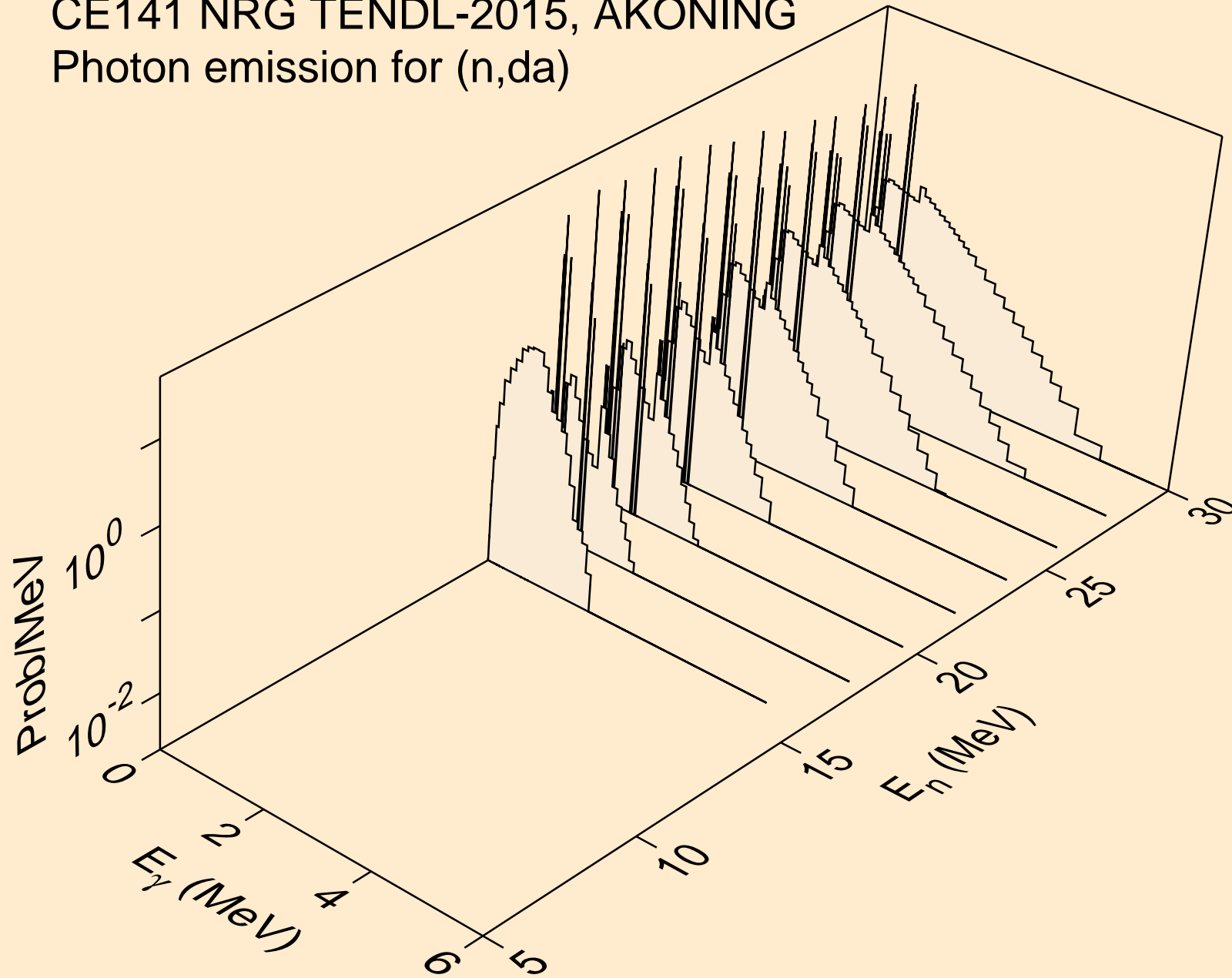


CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

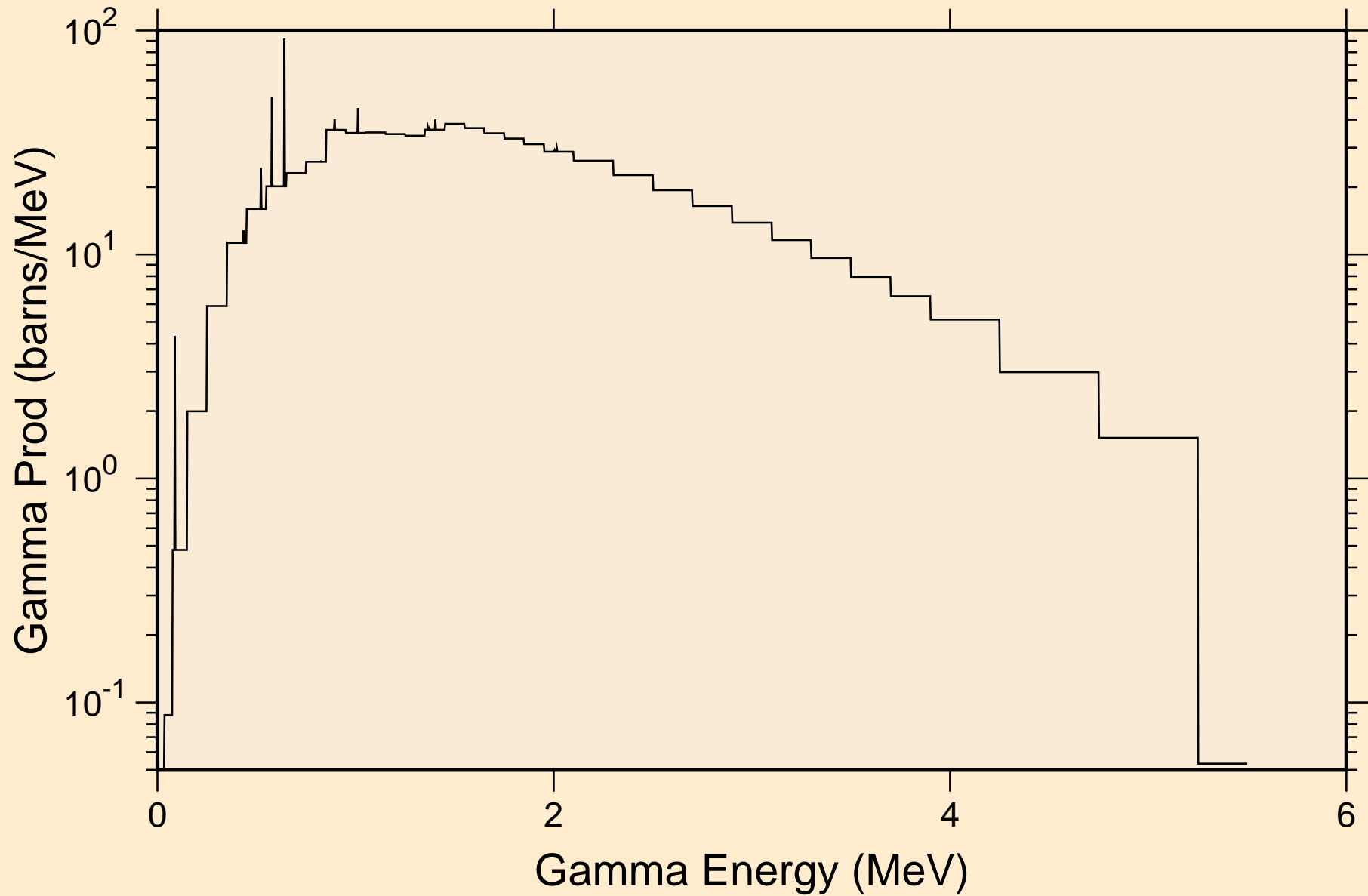




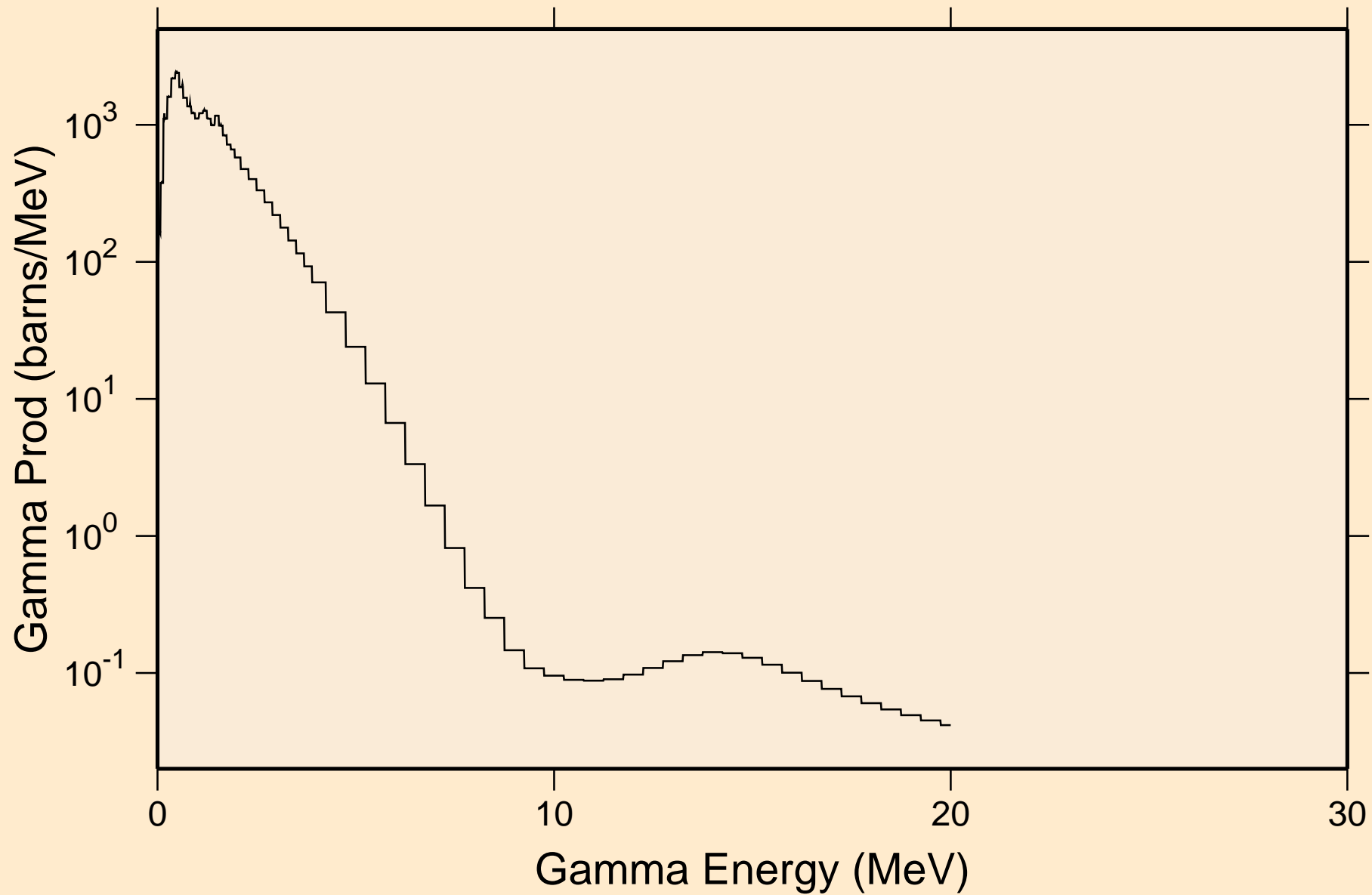
CE141 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CE141 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

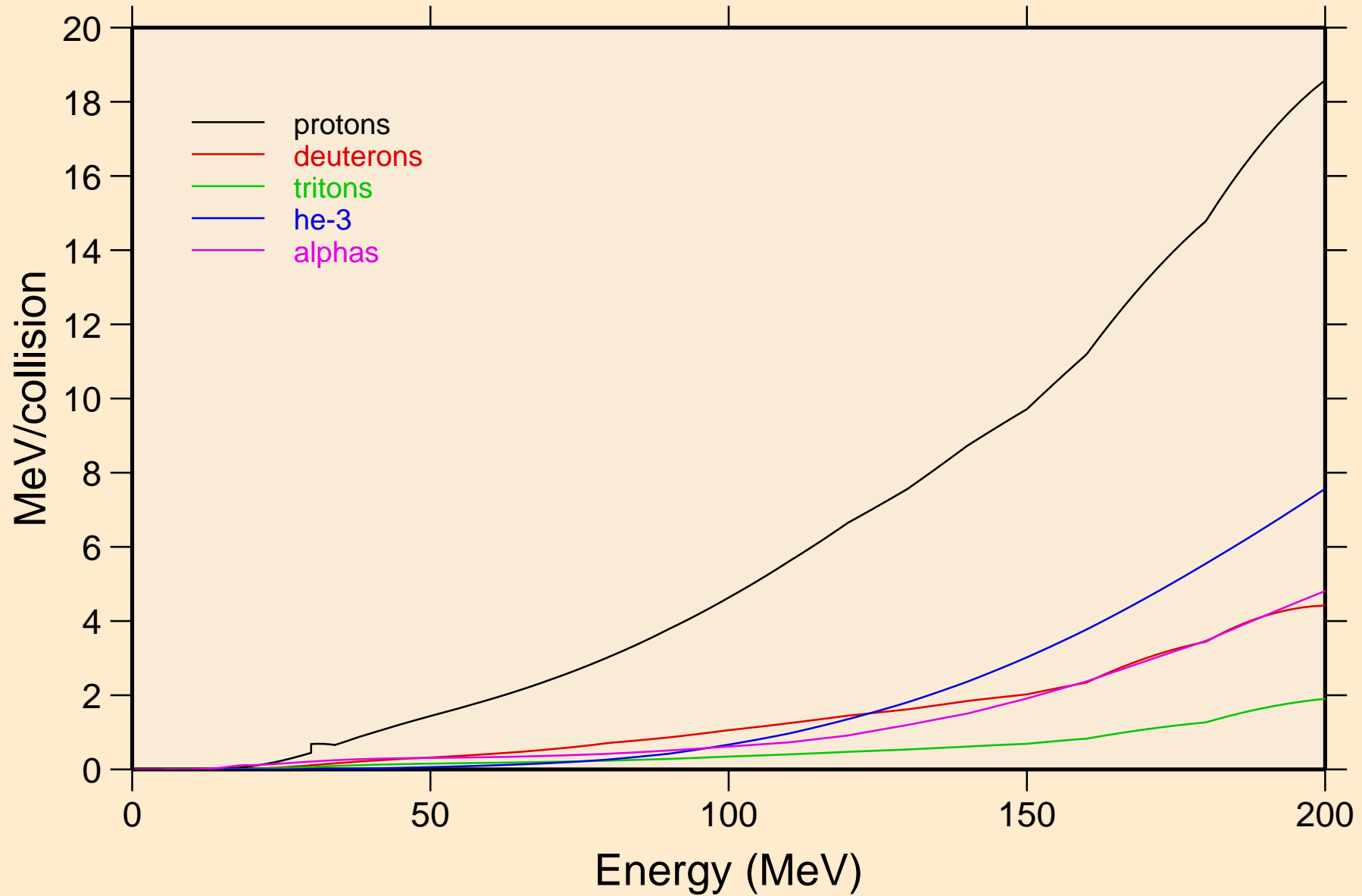


CE141 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



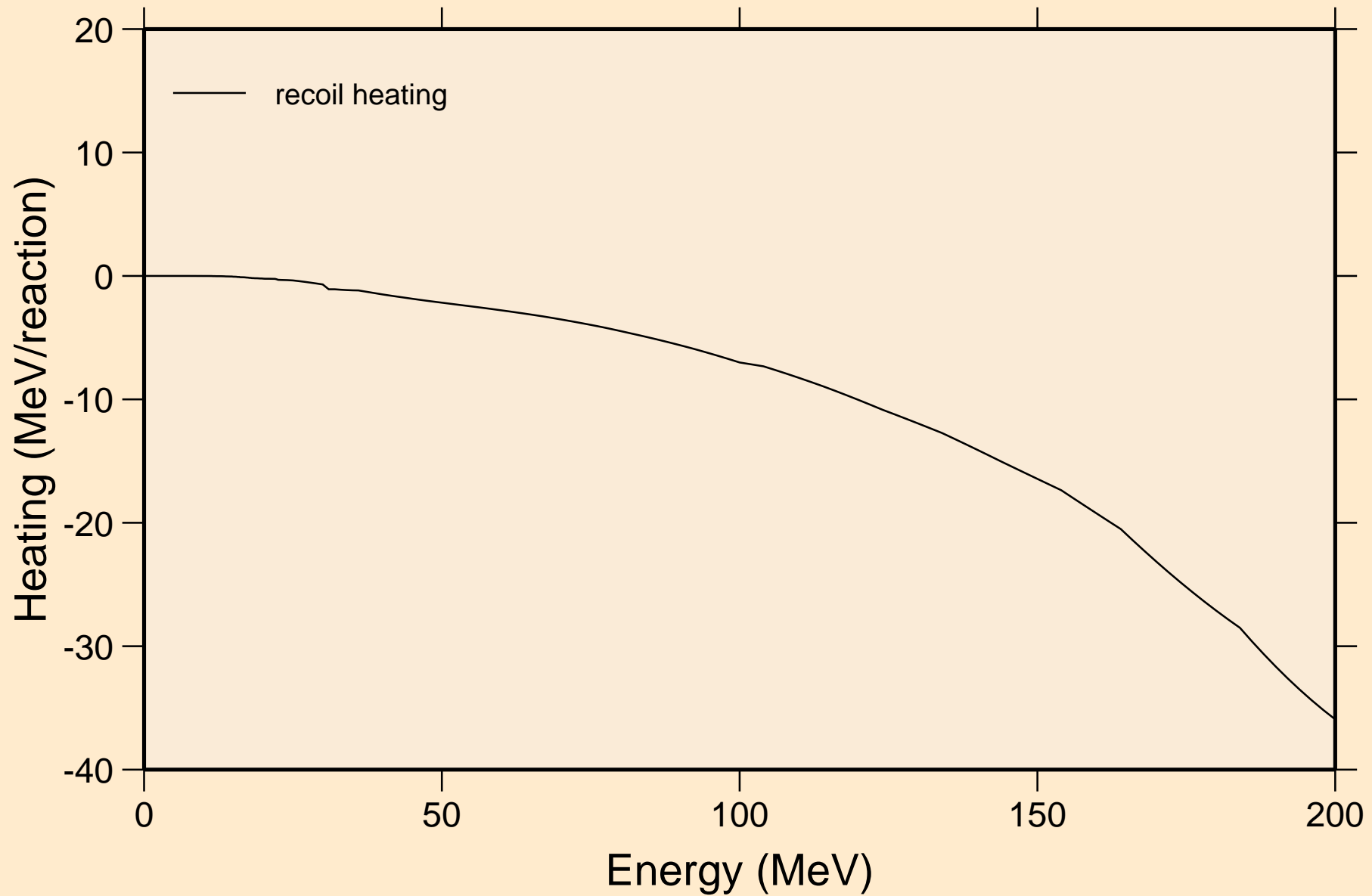
# CE141 NRG TENDL-2015, AKONING

## Particle heating contributions



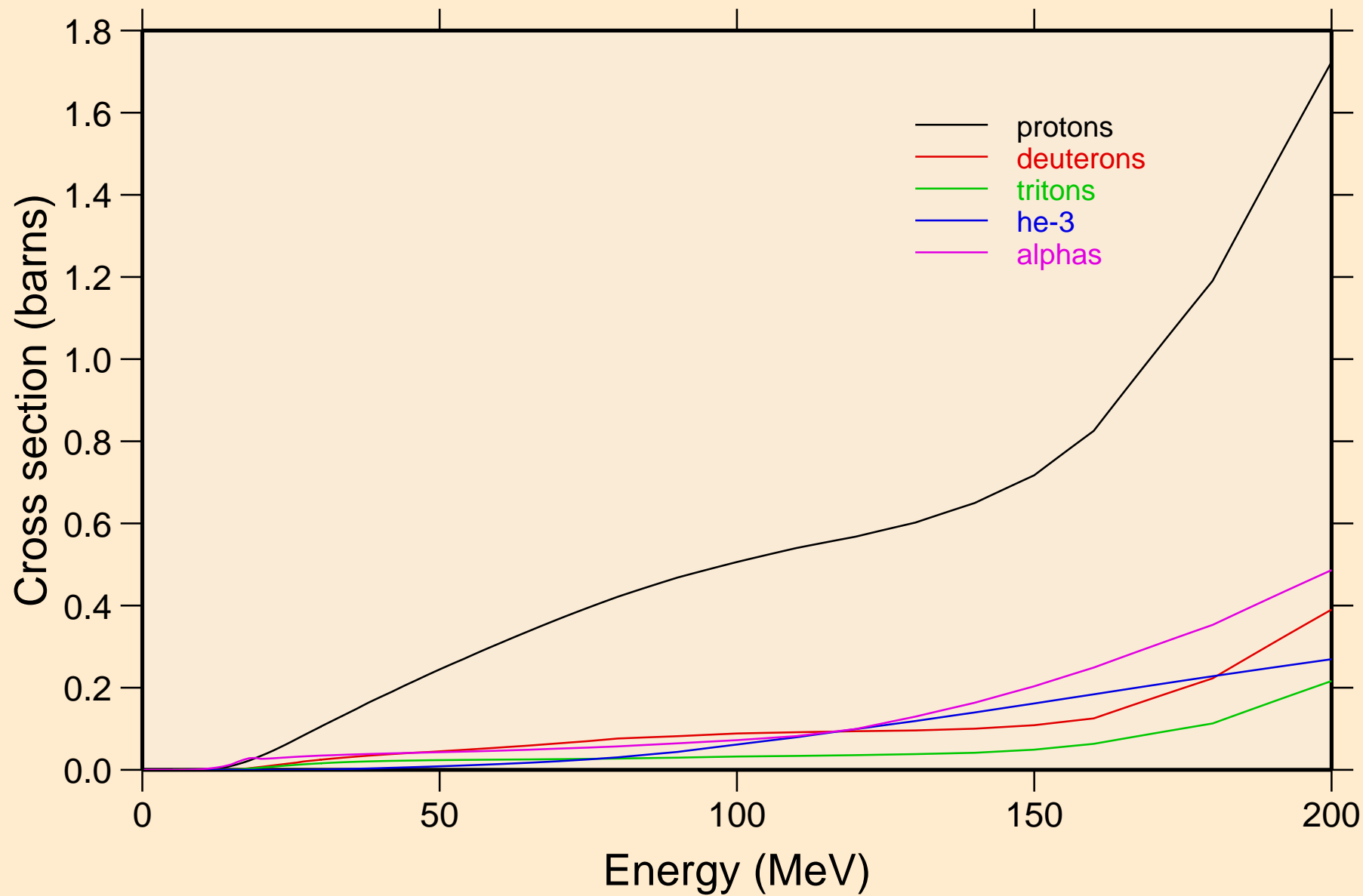
# CE141 NRG TENDL-2015, AKONING

## Recoil Heating

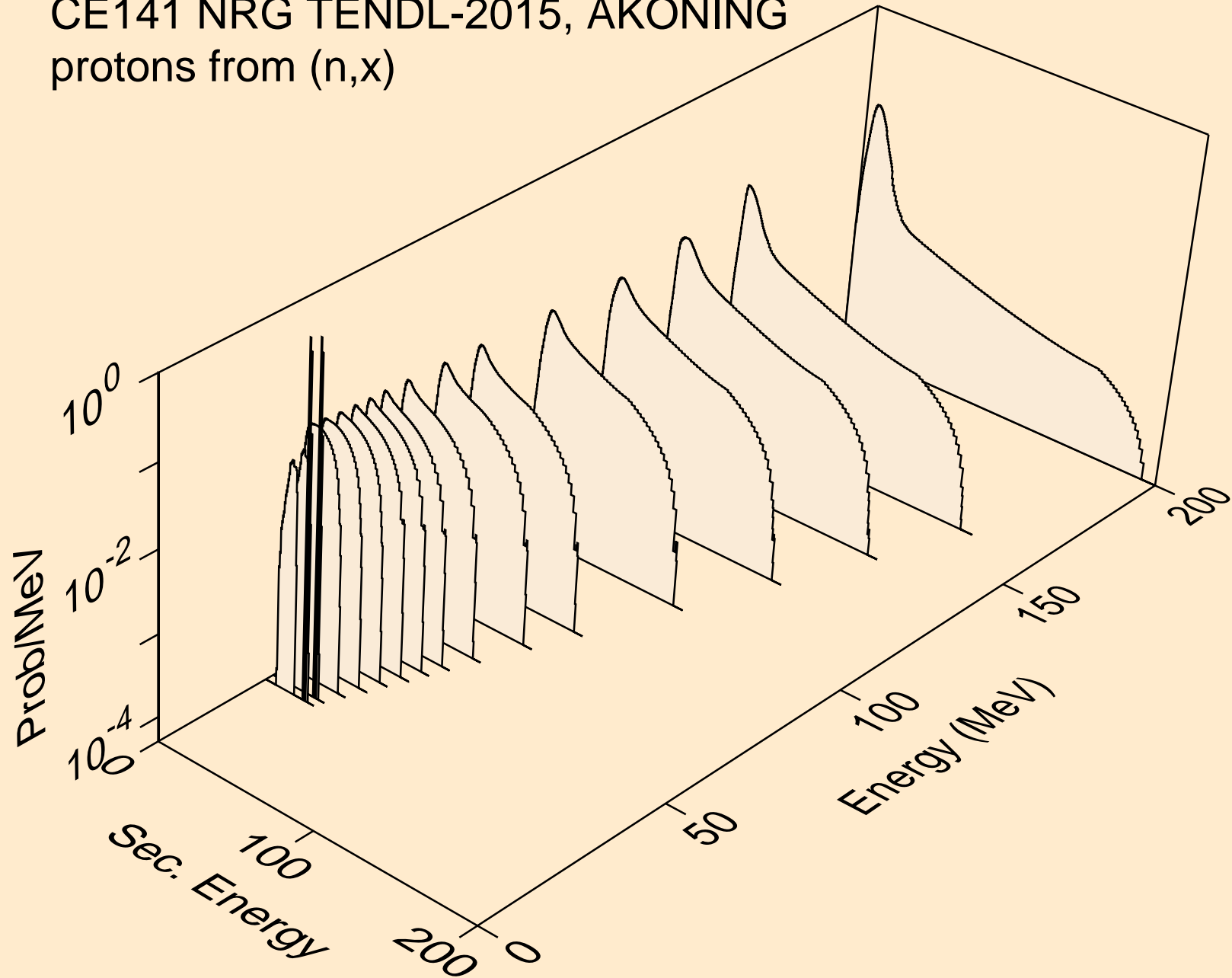


# CE141 NRG TENDL-2015, AKONING

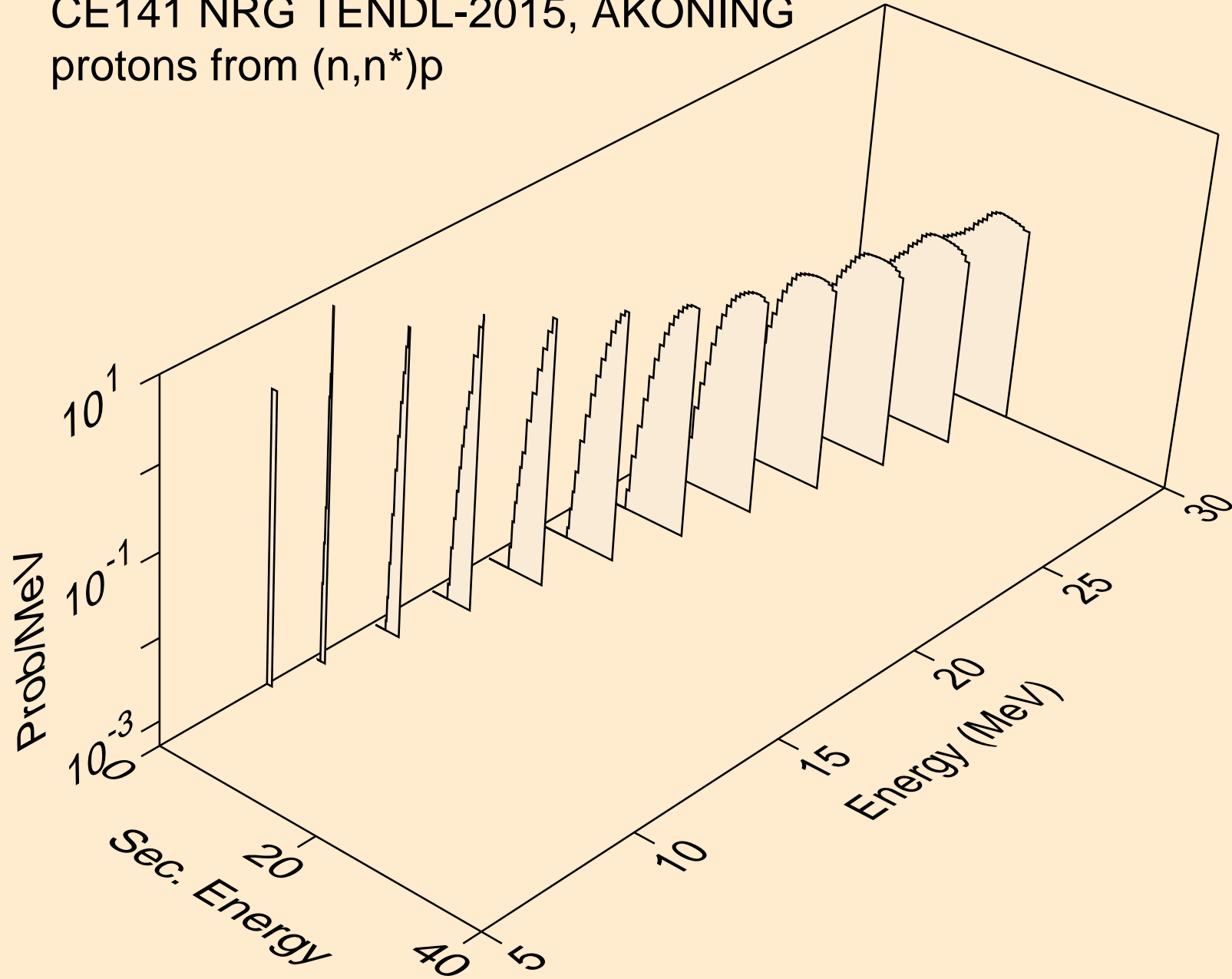
## Particle production cross sections



CE141 NRG TENDL-2015, AKONING  
protons from (n,x)

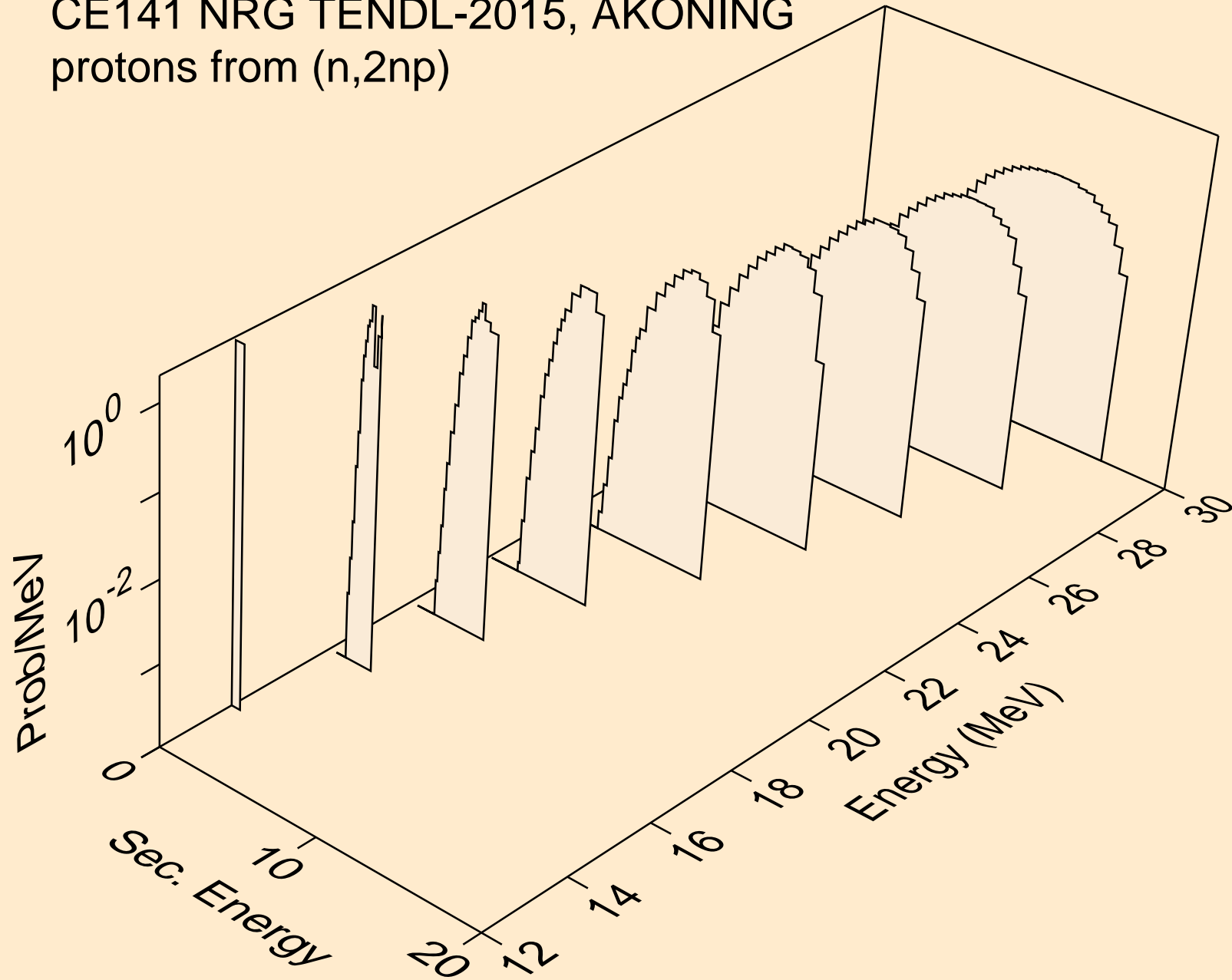


CE141 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

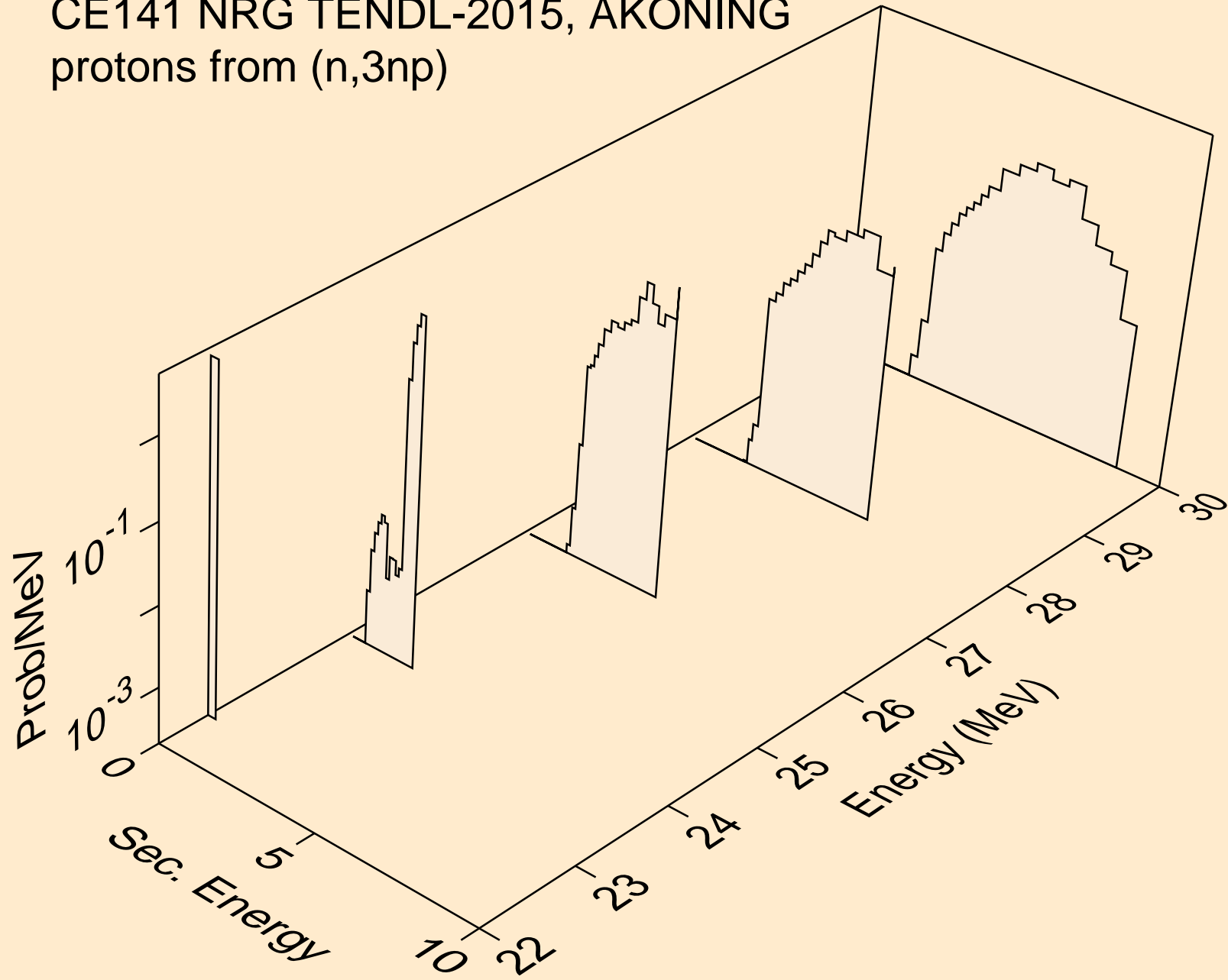




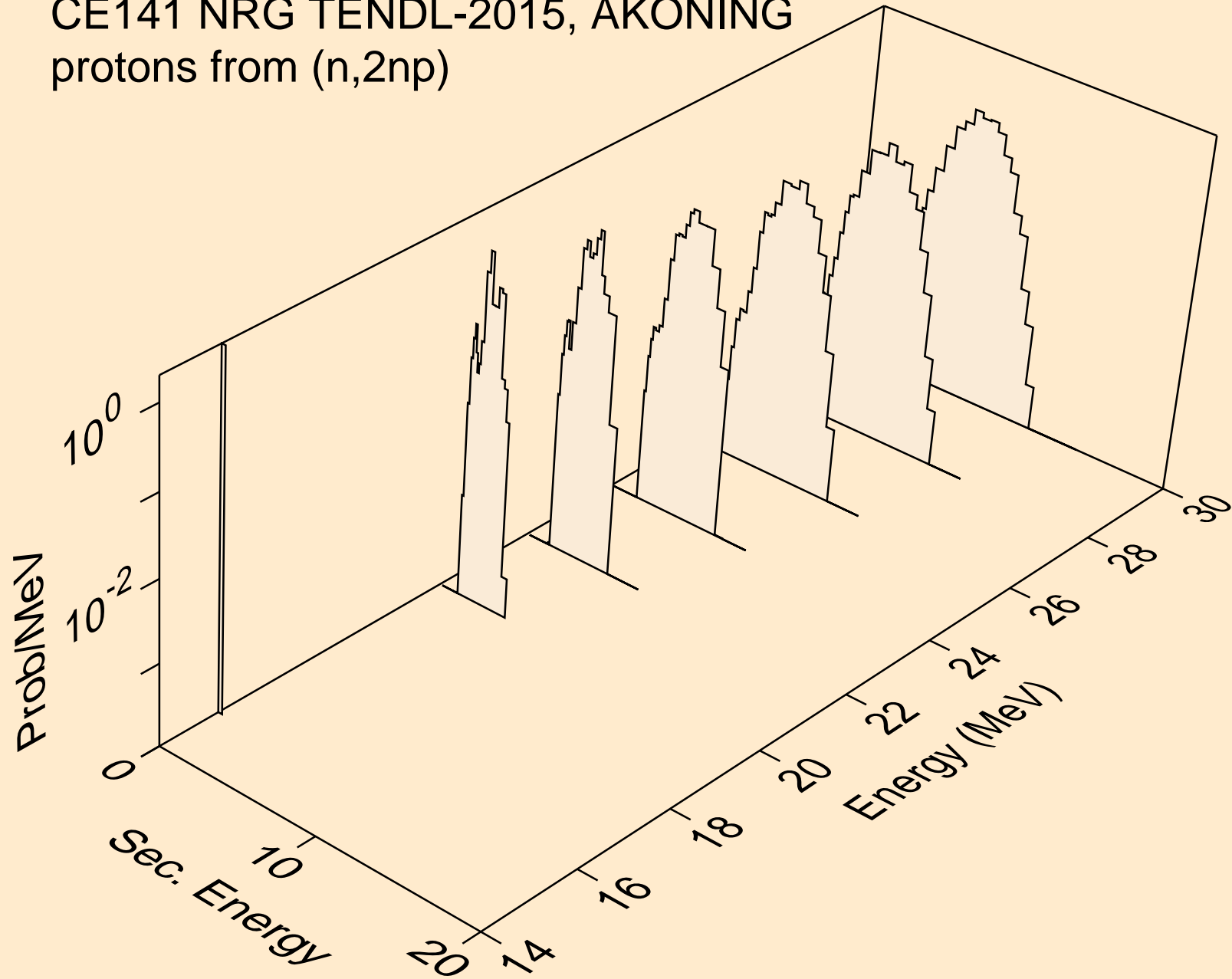
CE141 NRG TENDL-2015, AKONING  
protons from (n,2np)



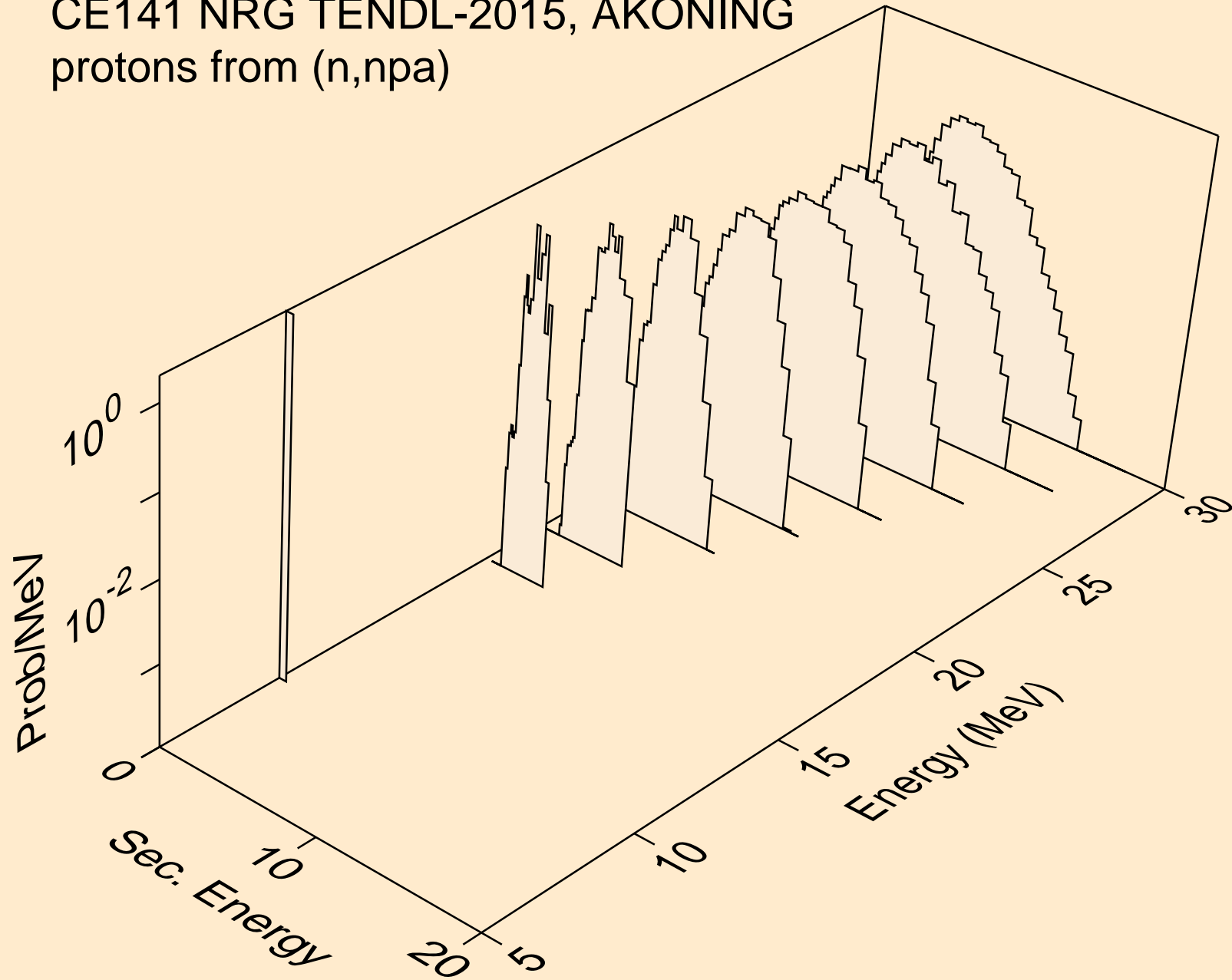
CE141 NRG TENDL-2015, AKONING  
protons from (n,3np)



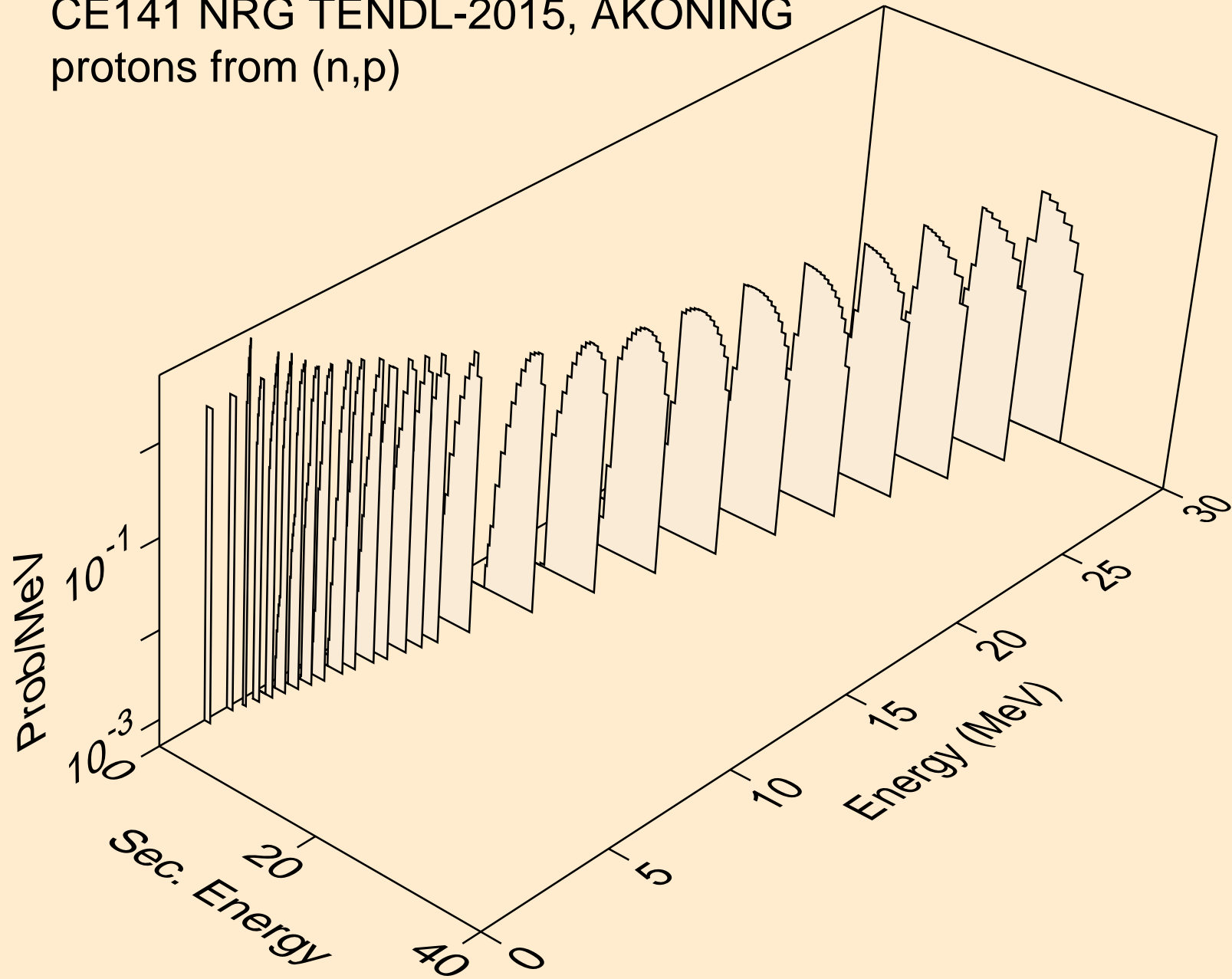
CE141 NRG TENDL-2015, AKONING  
protons from (n,2np)



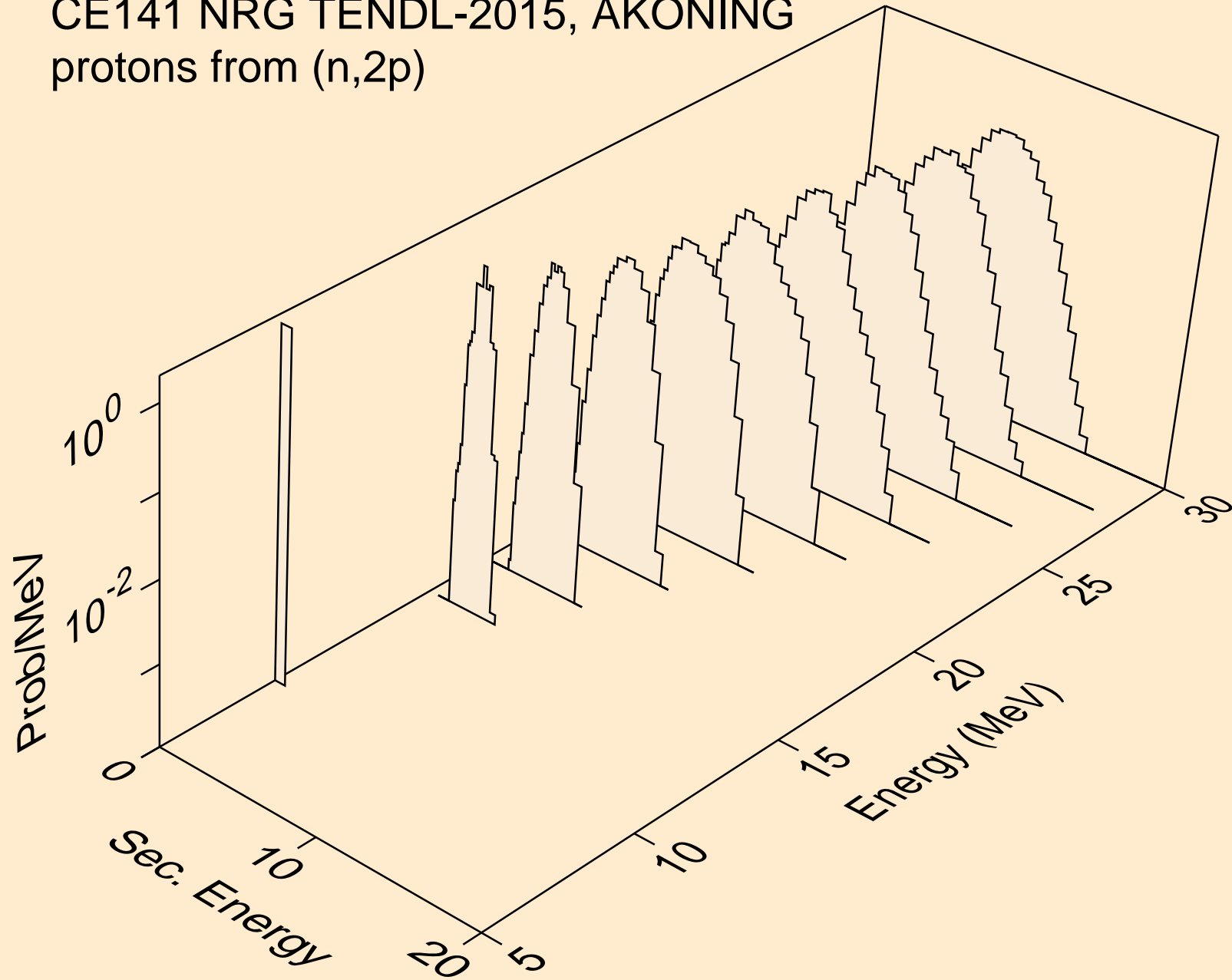
CE141 NRG TENDL-2015, AKONING  
protons from (n,npa)



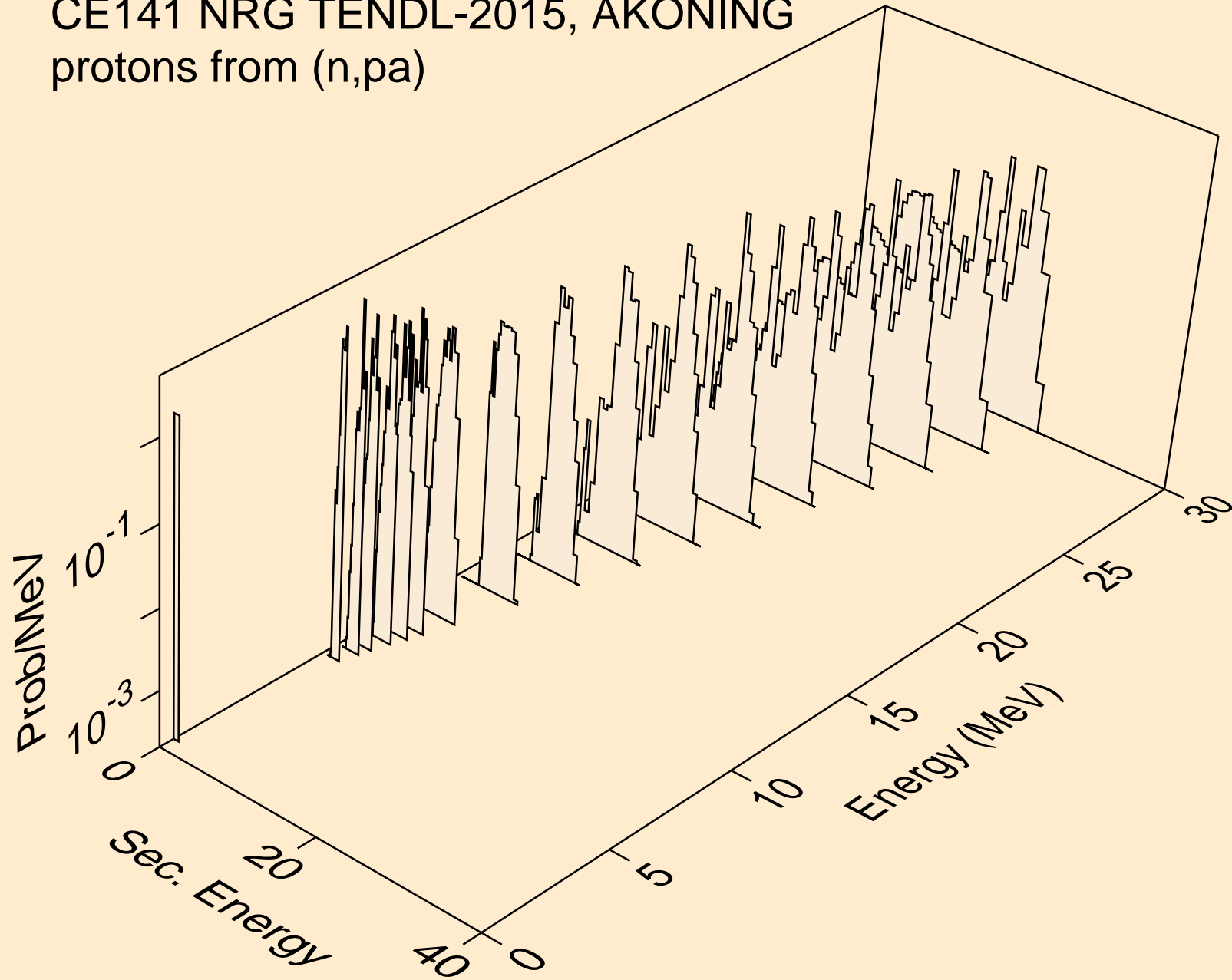
CE141 NRG TENDL-2015, AKONING  
protons from (n,p)



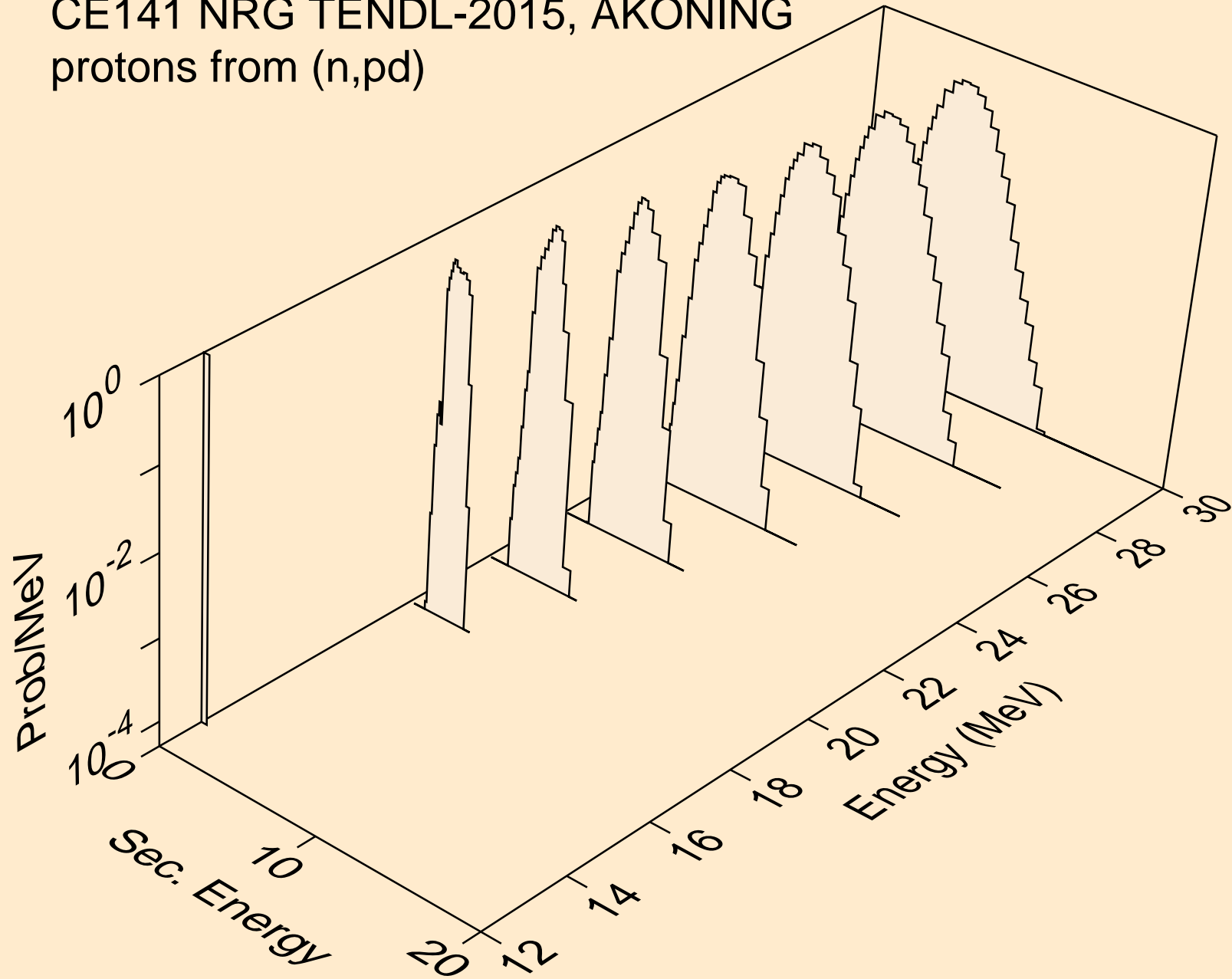
CE141 NRG TENDL-2015, AKONING  
protons from (n,2p)



CE141 NRG TENDL-2015, AKONING  
protons from (n,pa)

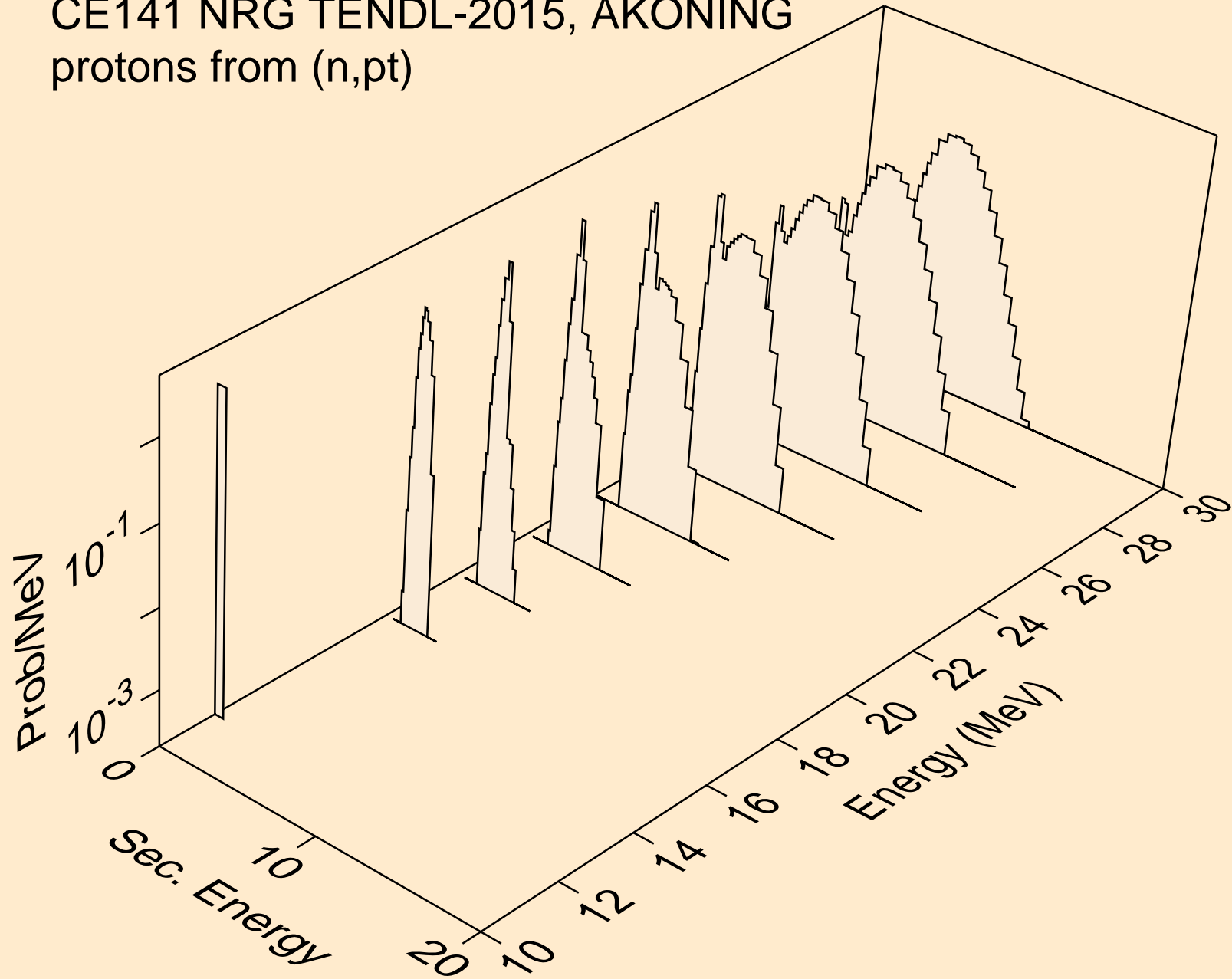


CE141 NRG TENDL-2015, AKONING  
protons from (n,pd)

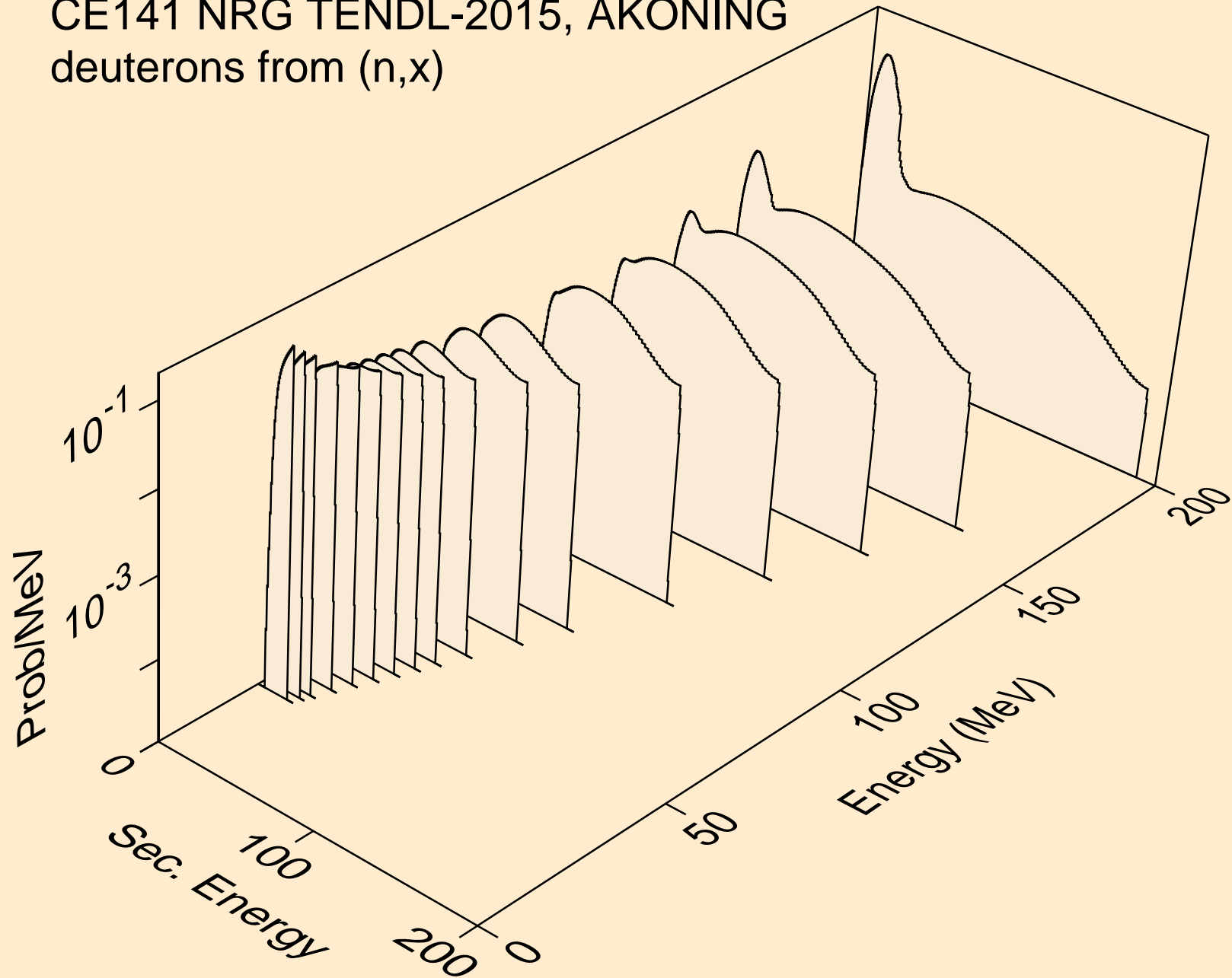




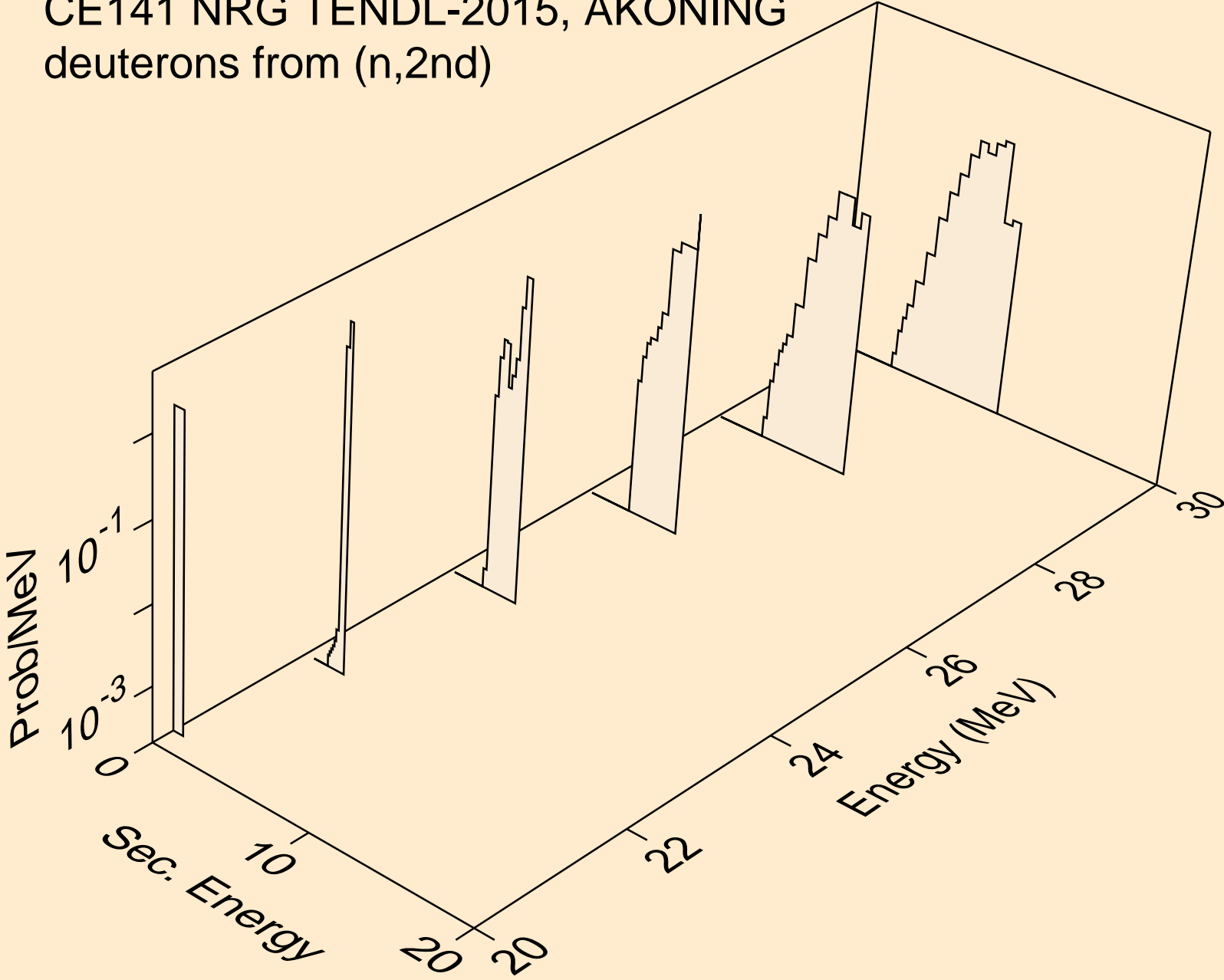
CE141 NRG TENDL-2015, AKONING  
protons from (n,pt)



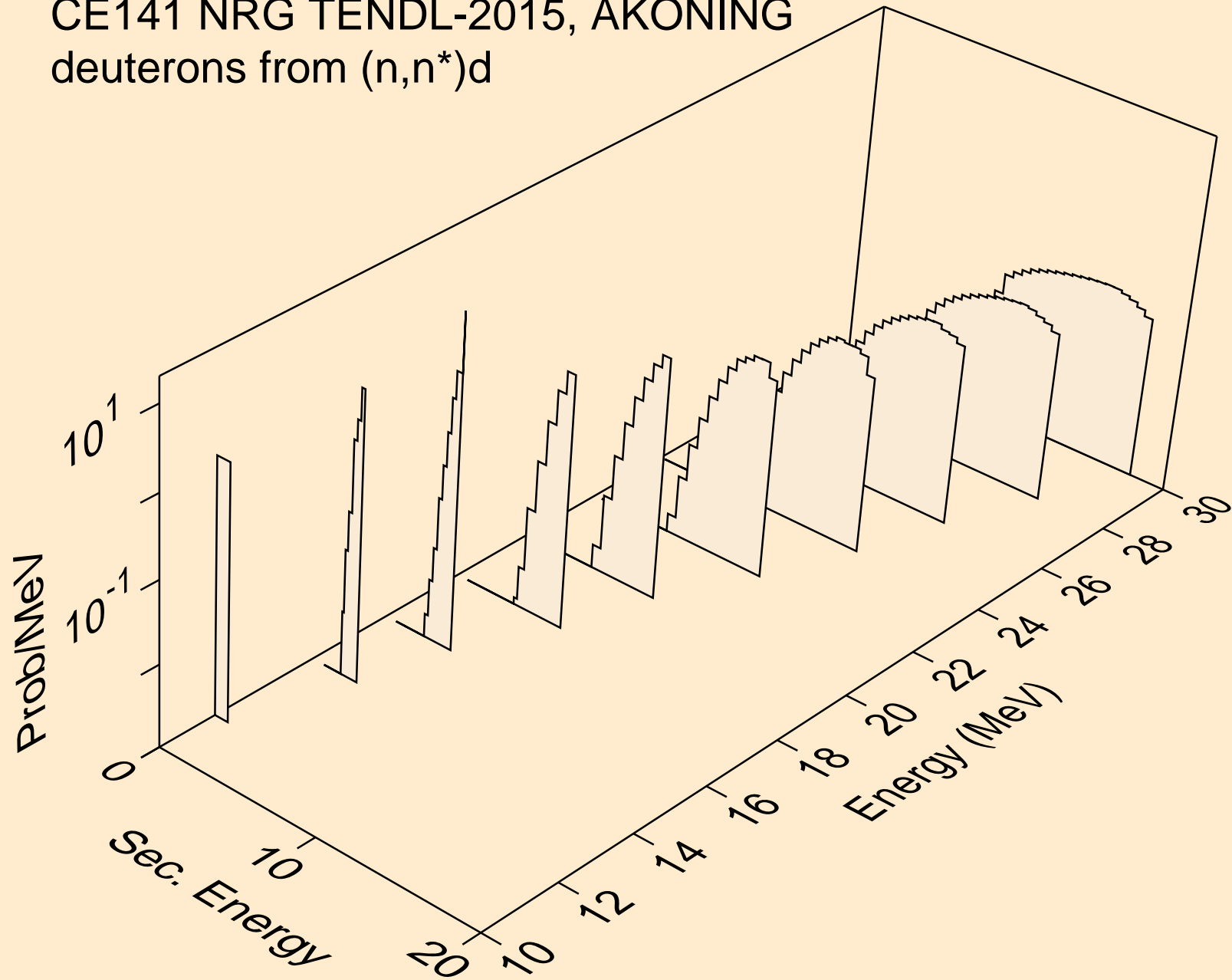
CE141 NRG TENDL-2015, AKONING  
deuterons from (n,x)



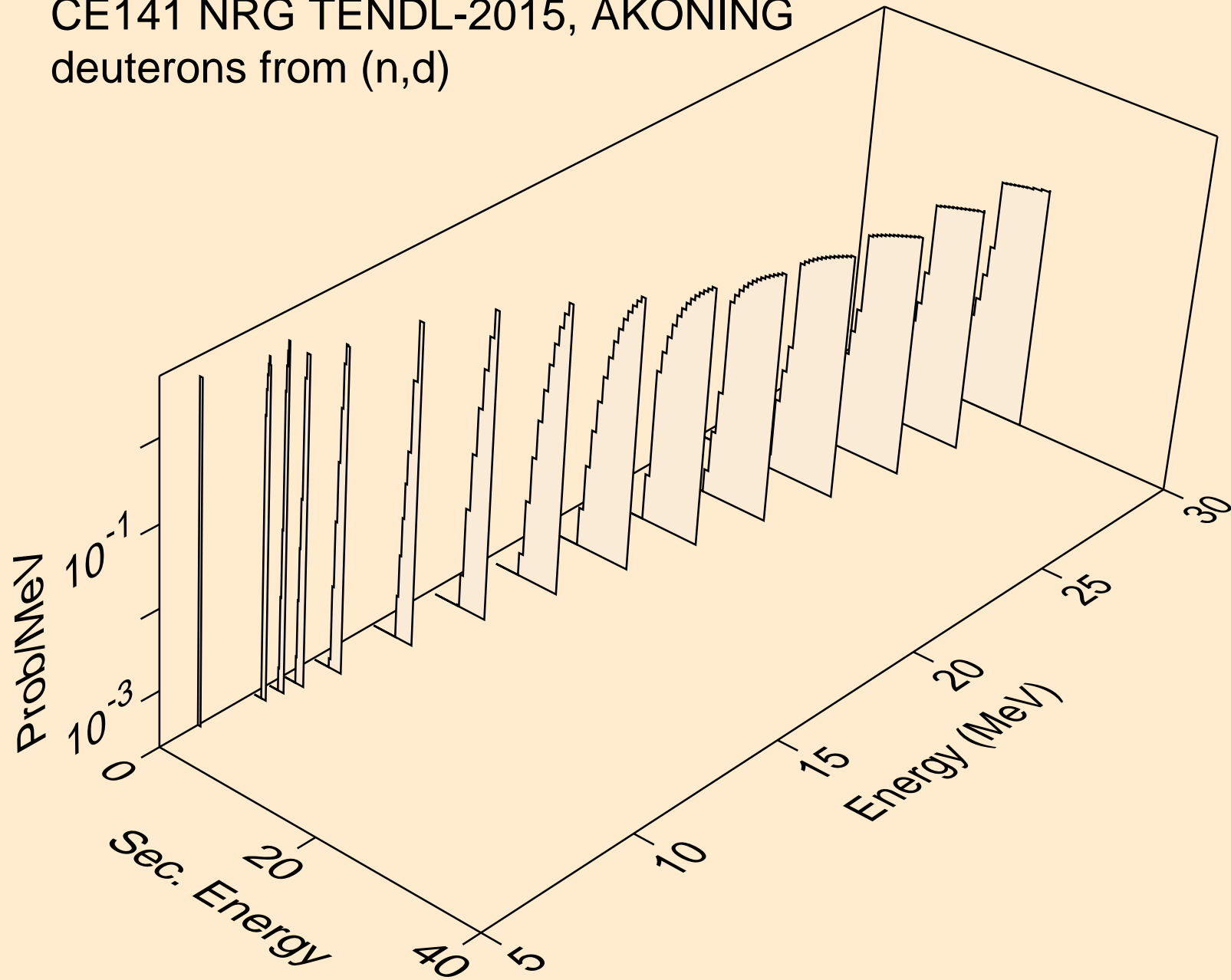
CE141 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



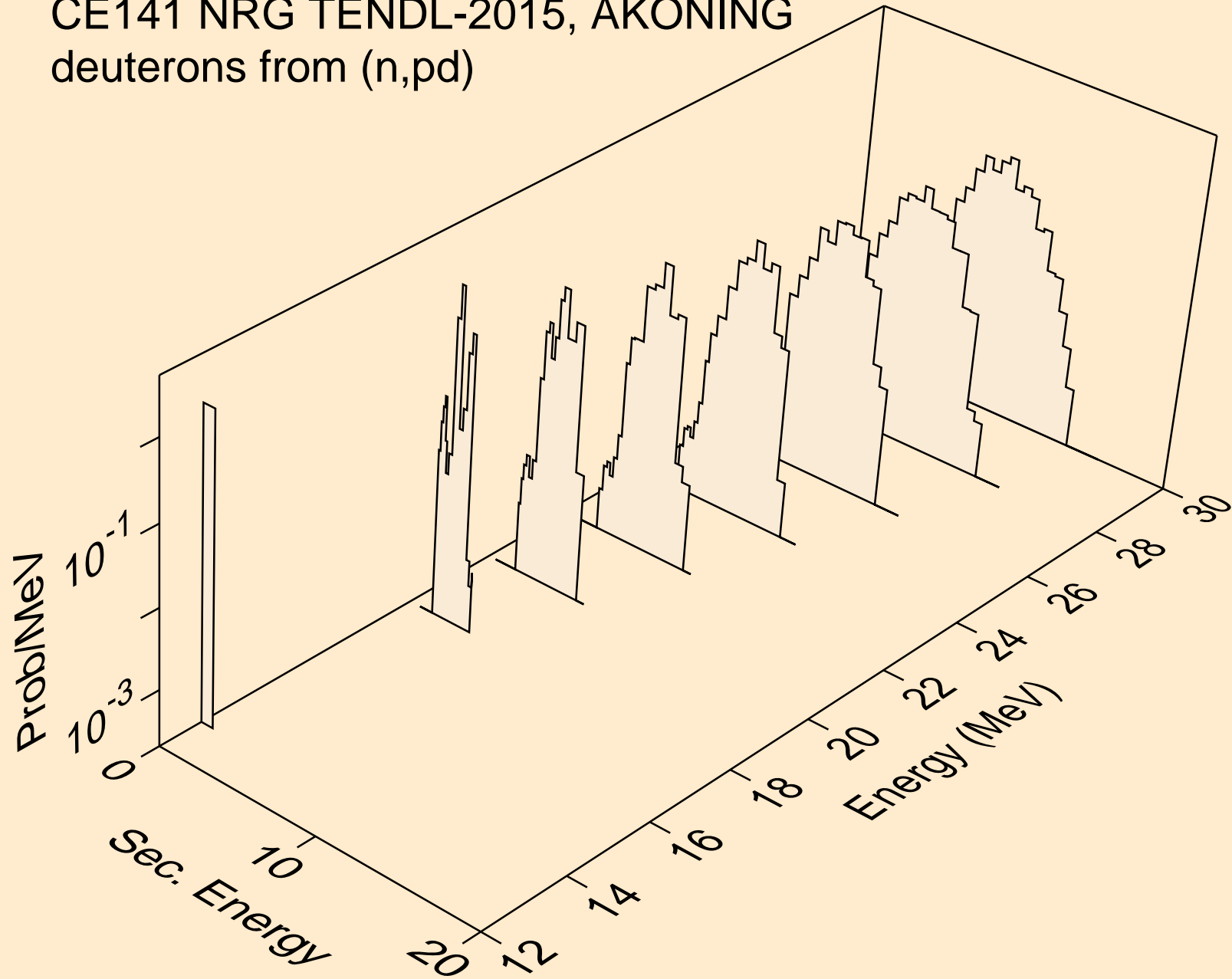
CE141 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



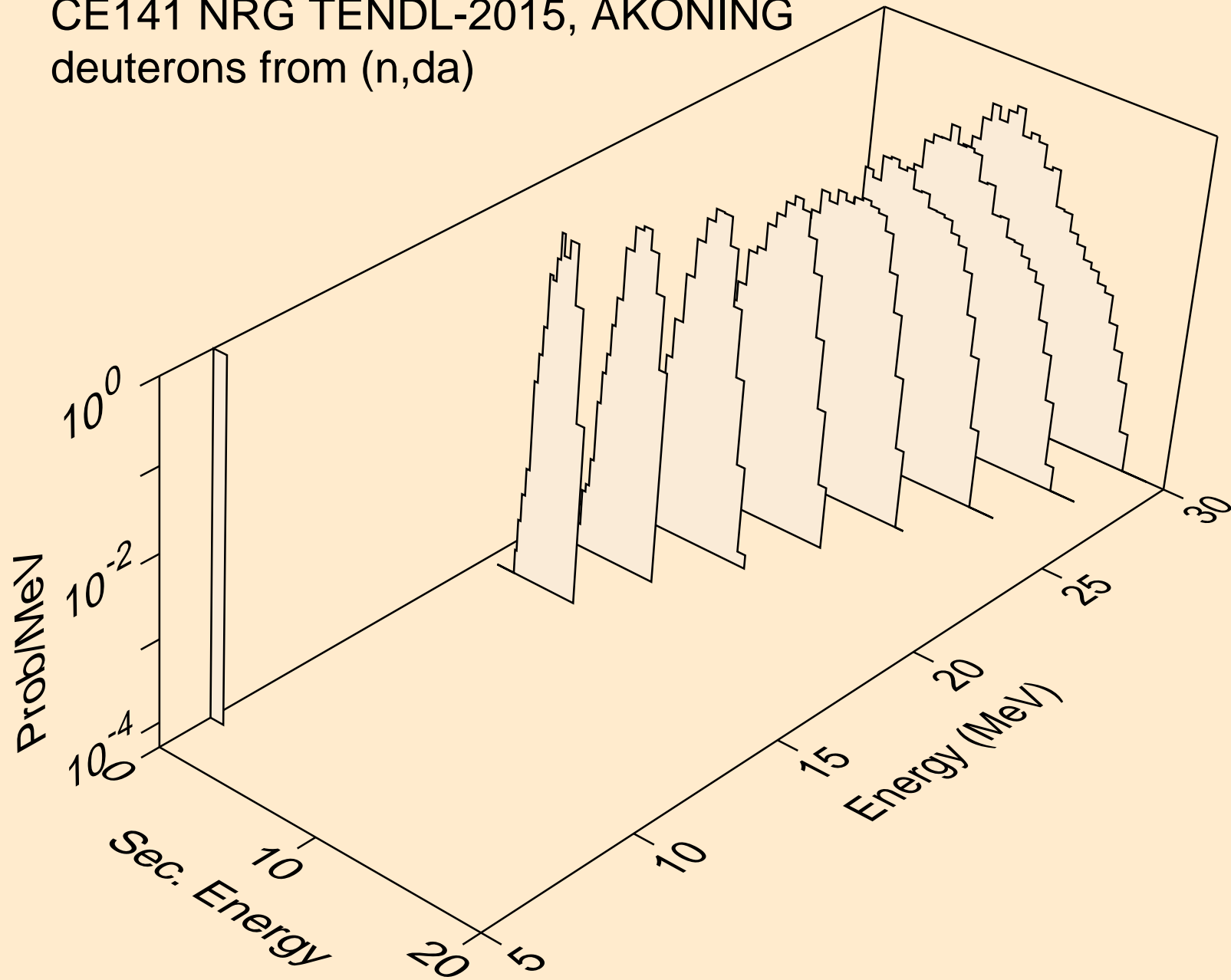
CE141 NRG TENDL-2015, AKONING  
deuterons from (n,d)



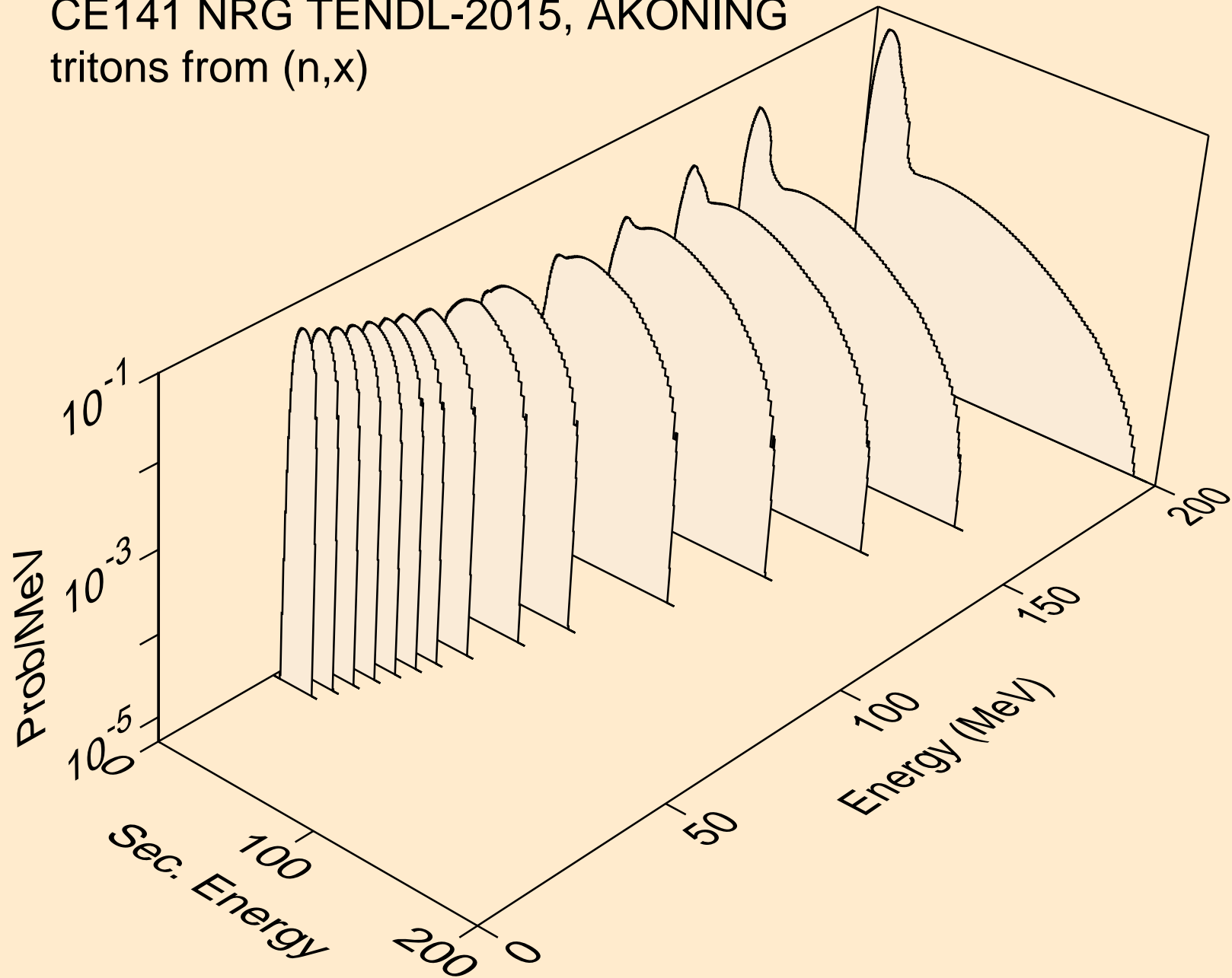
CE141 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



CE141 NRG TENDL-2015, AKONING  
deuterons from (n,da)

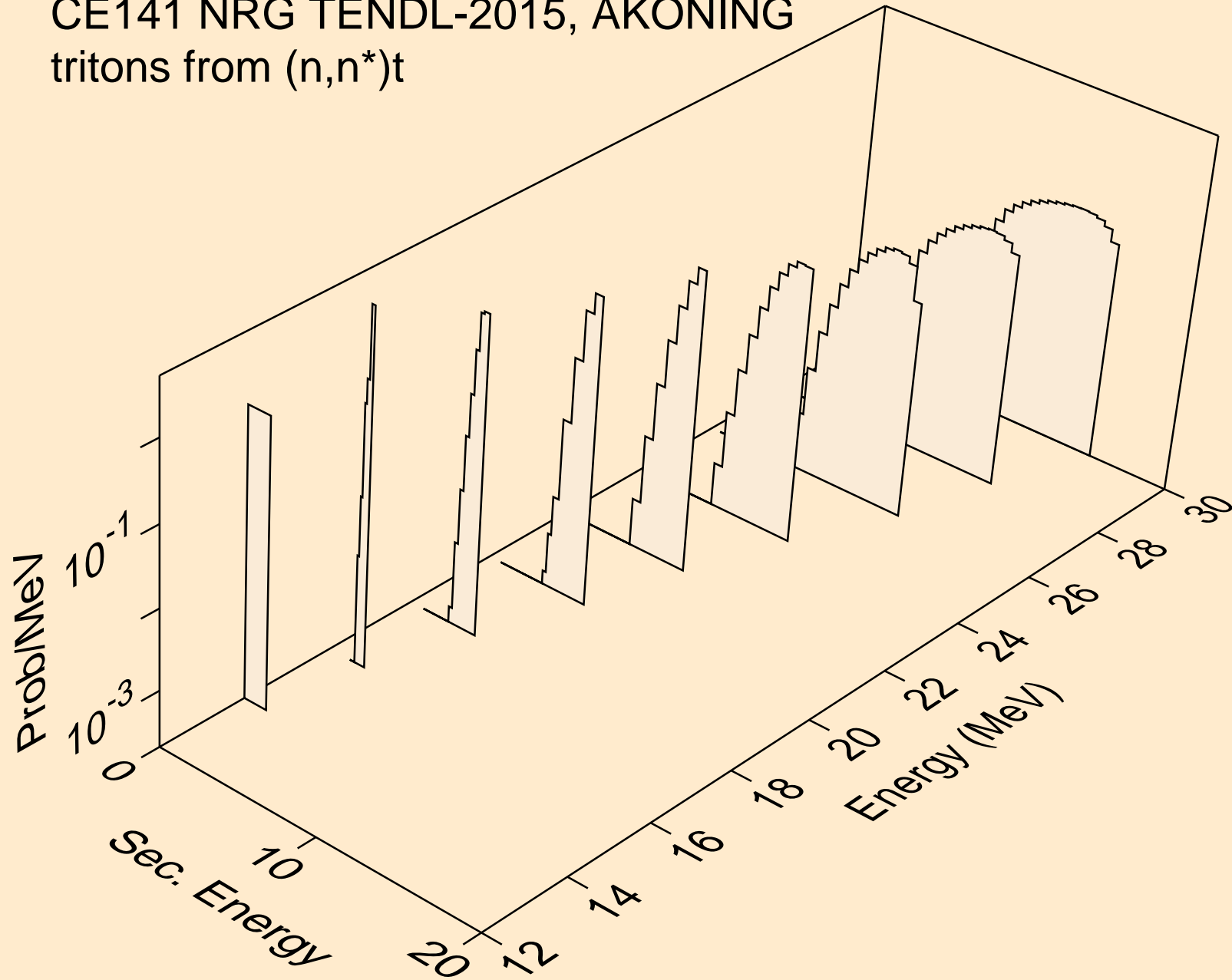


CE141 NRG TENDL-2015, AKONING  
tritons from (n,x)

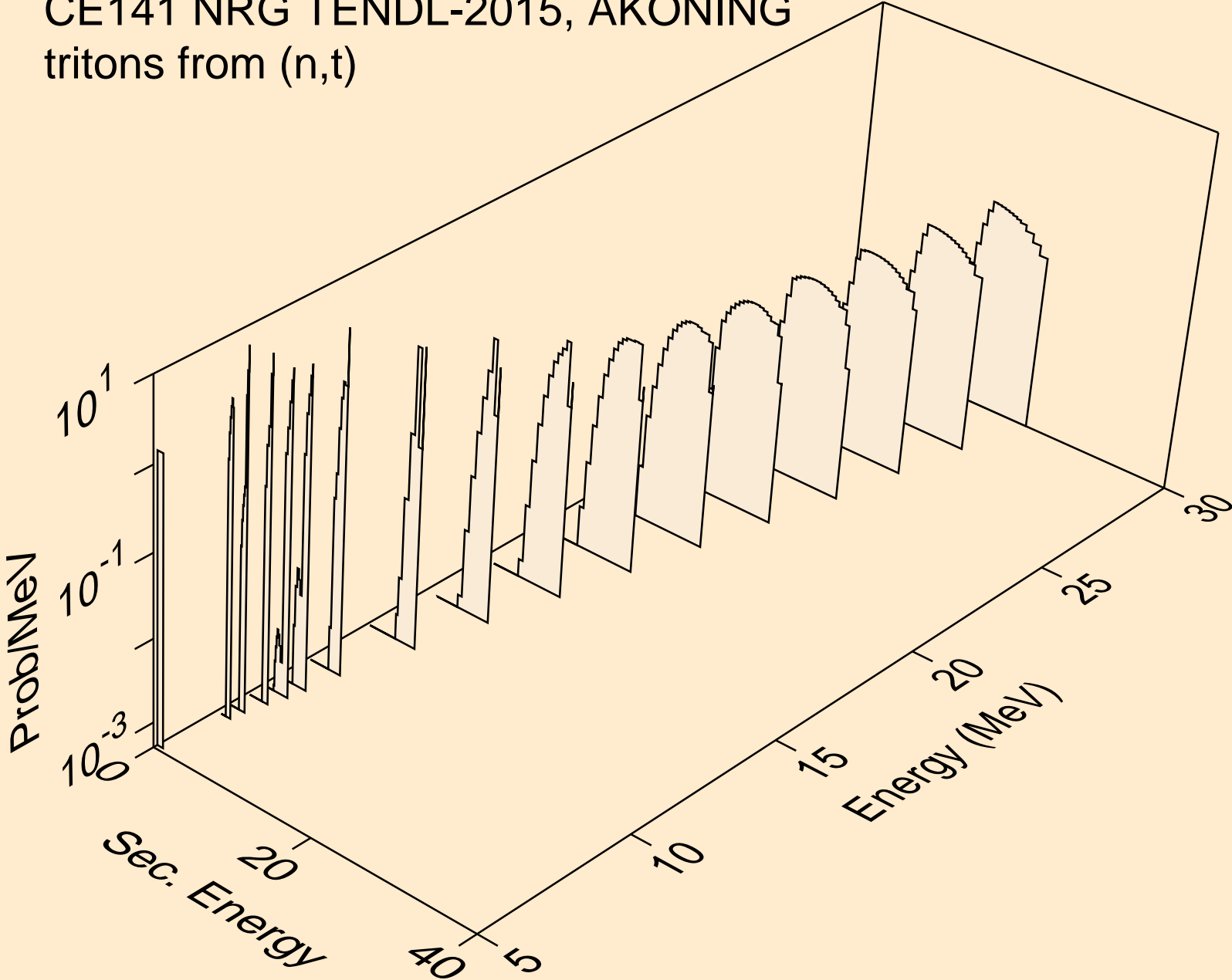




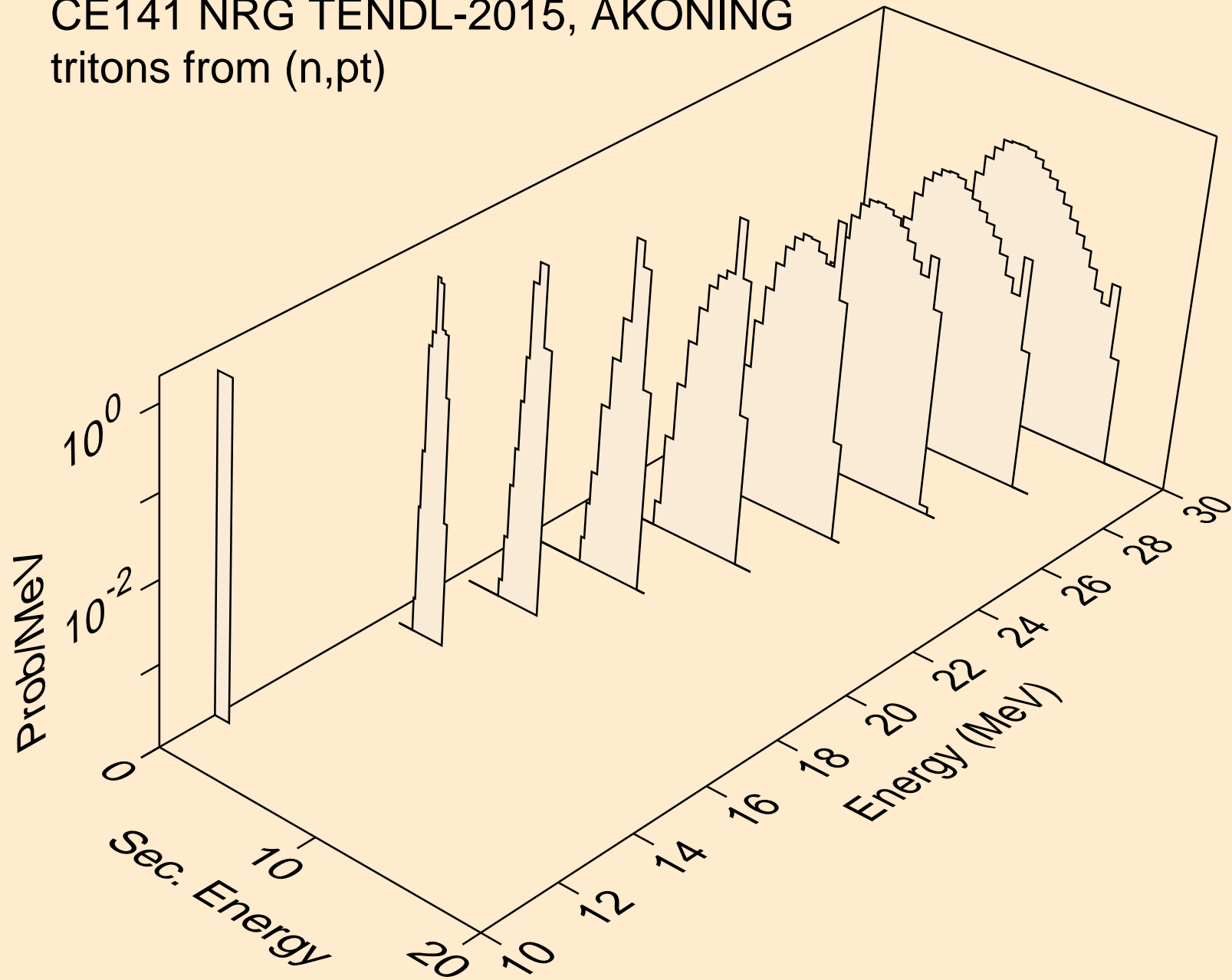
CE141 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



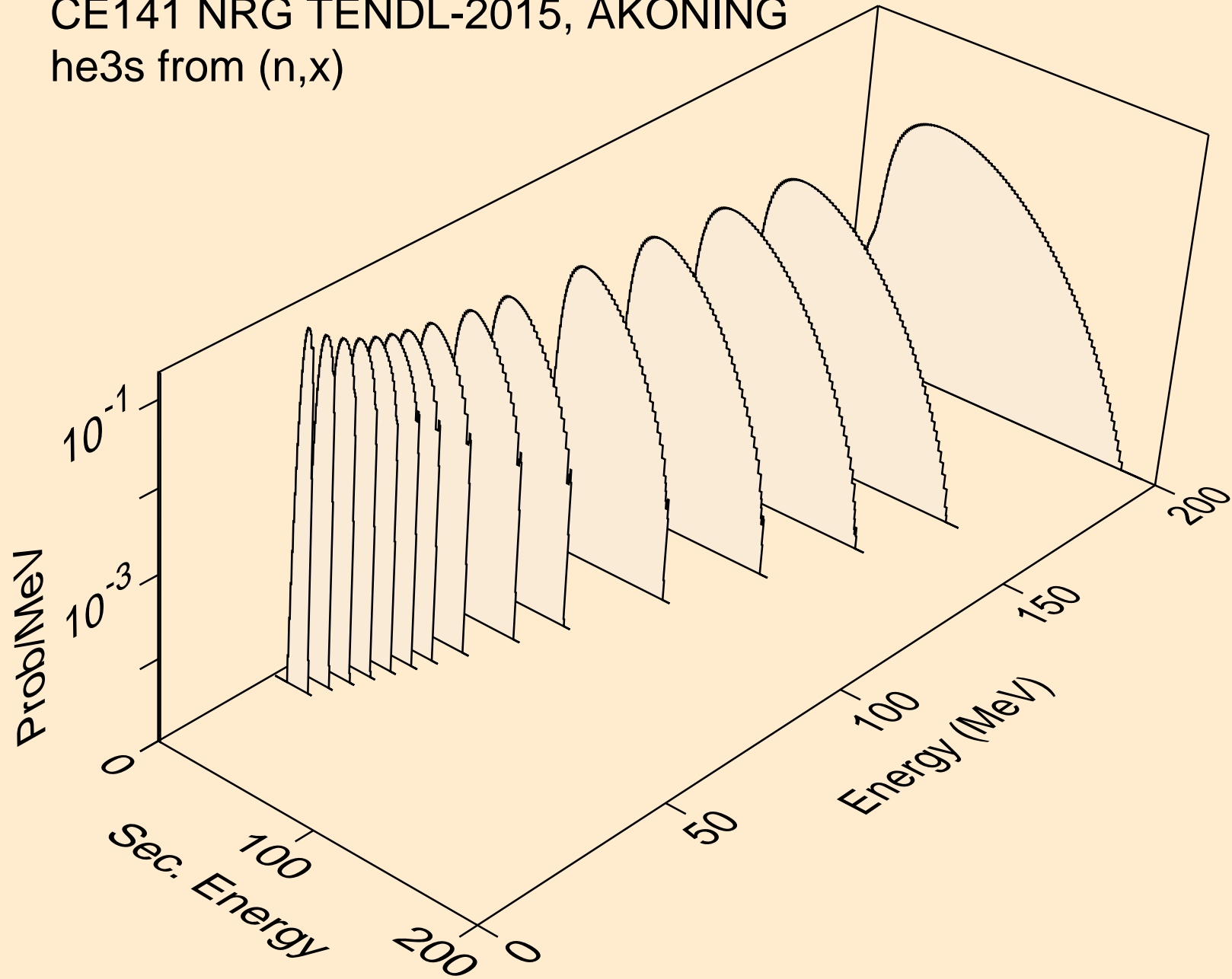
CE141 NRG TENDL-2015, AKONING  
tritons from (n,t)



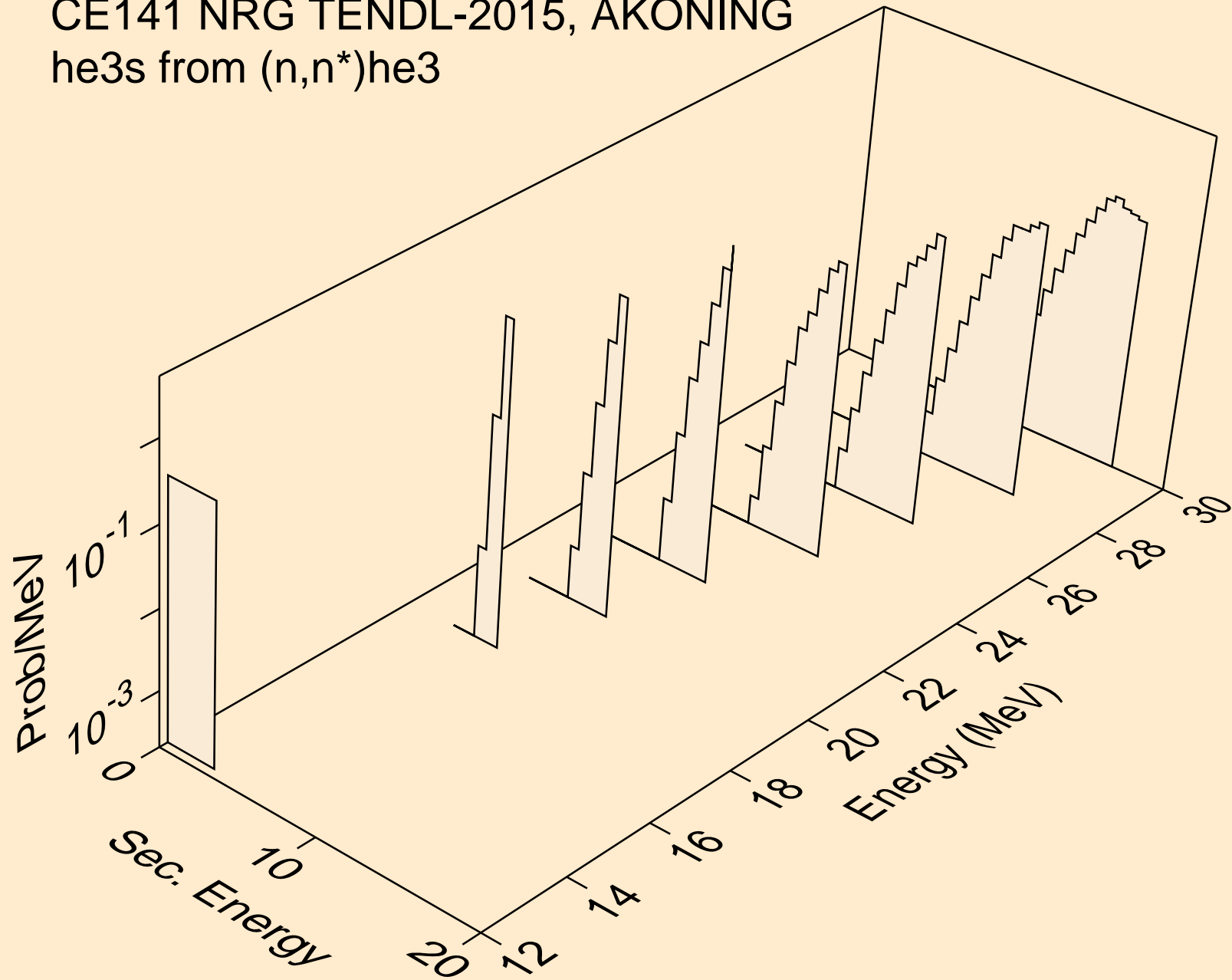
CE141 NRG TENDL-2015, AKONING  
tritons from (n,pt)



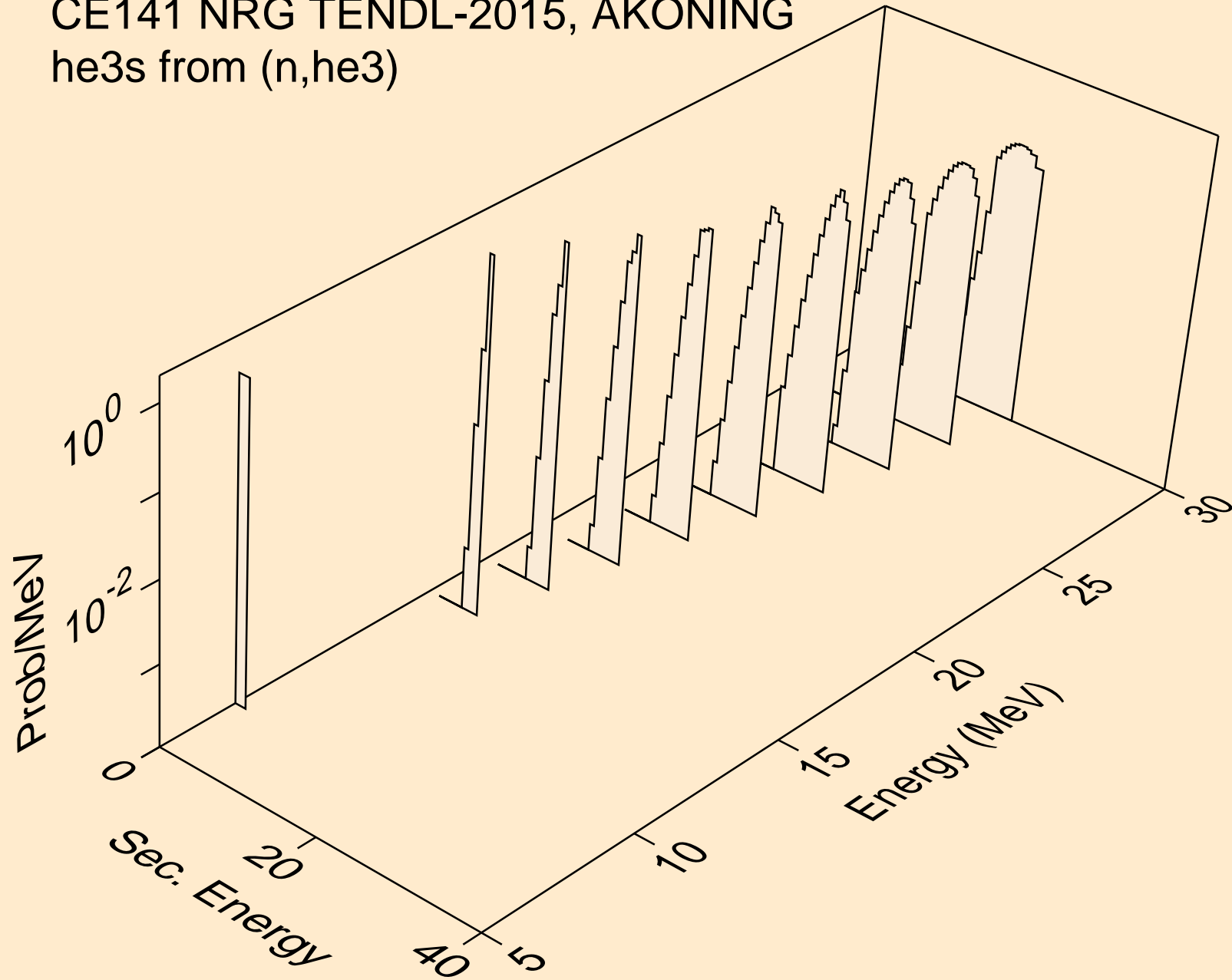
CE141 NRG TENDL-2015, AKONING  
he3s from (n,x)



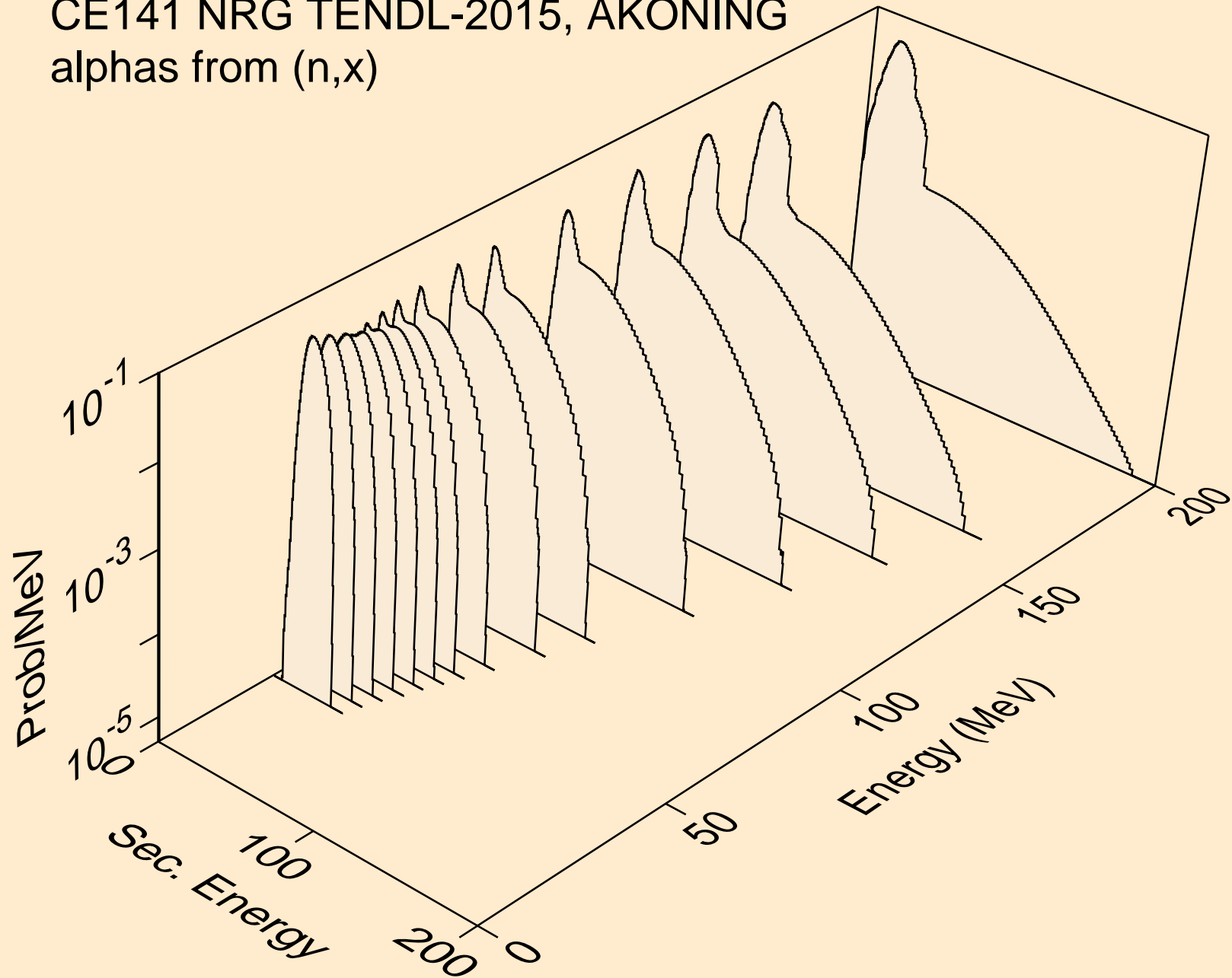
CE141 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



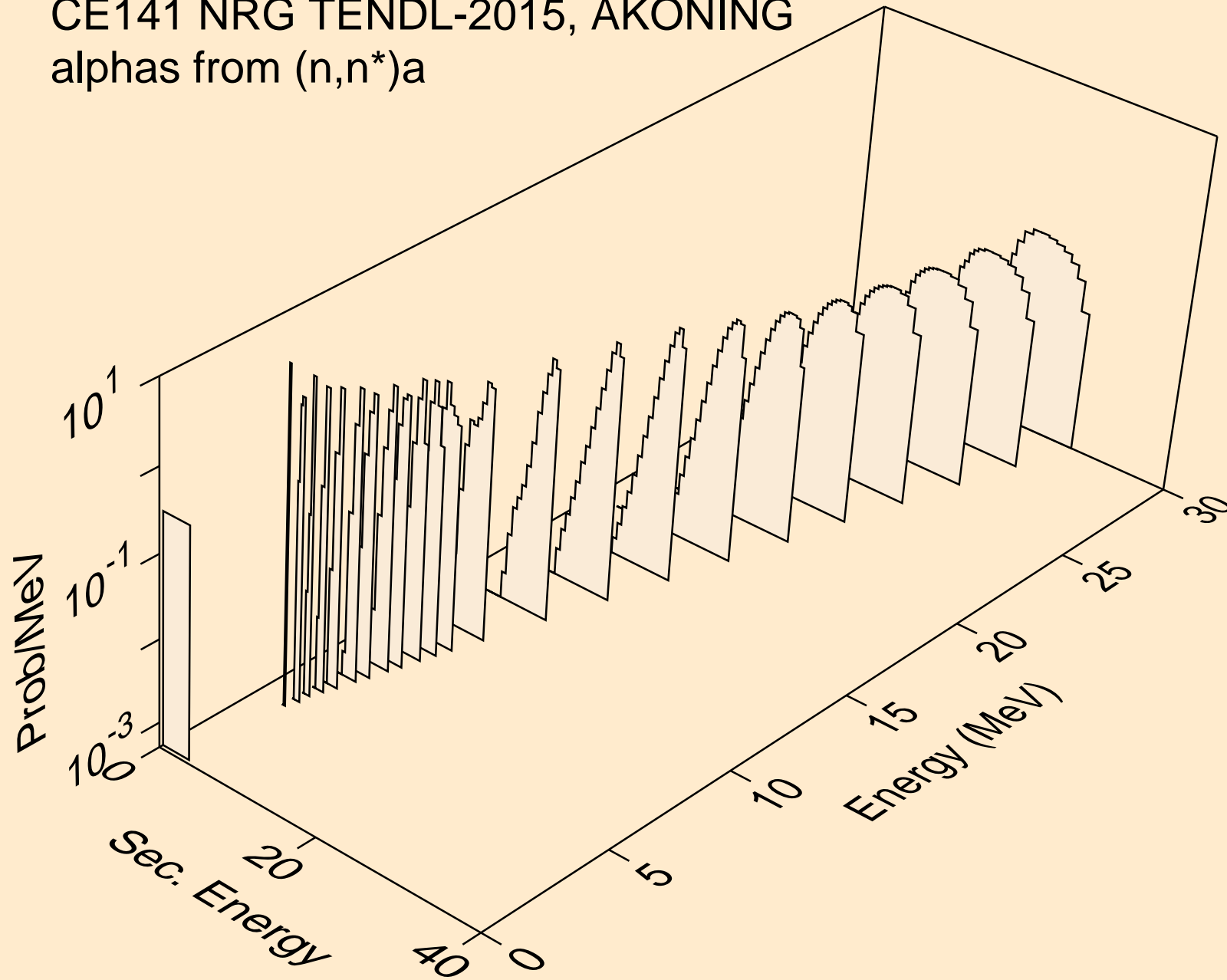
CE141 NRG TENDL-2015, AKONING  
he3s from (n,he3)



CE141 NRG TENDL-2015, AKONING  
alphas from (n,x)

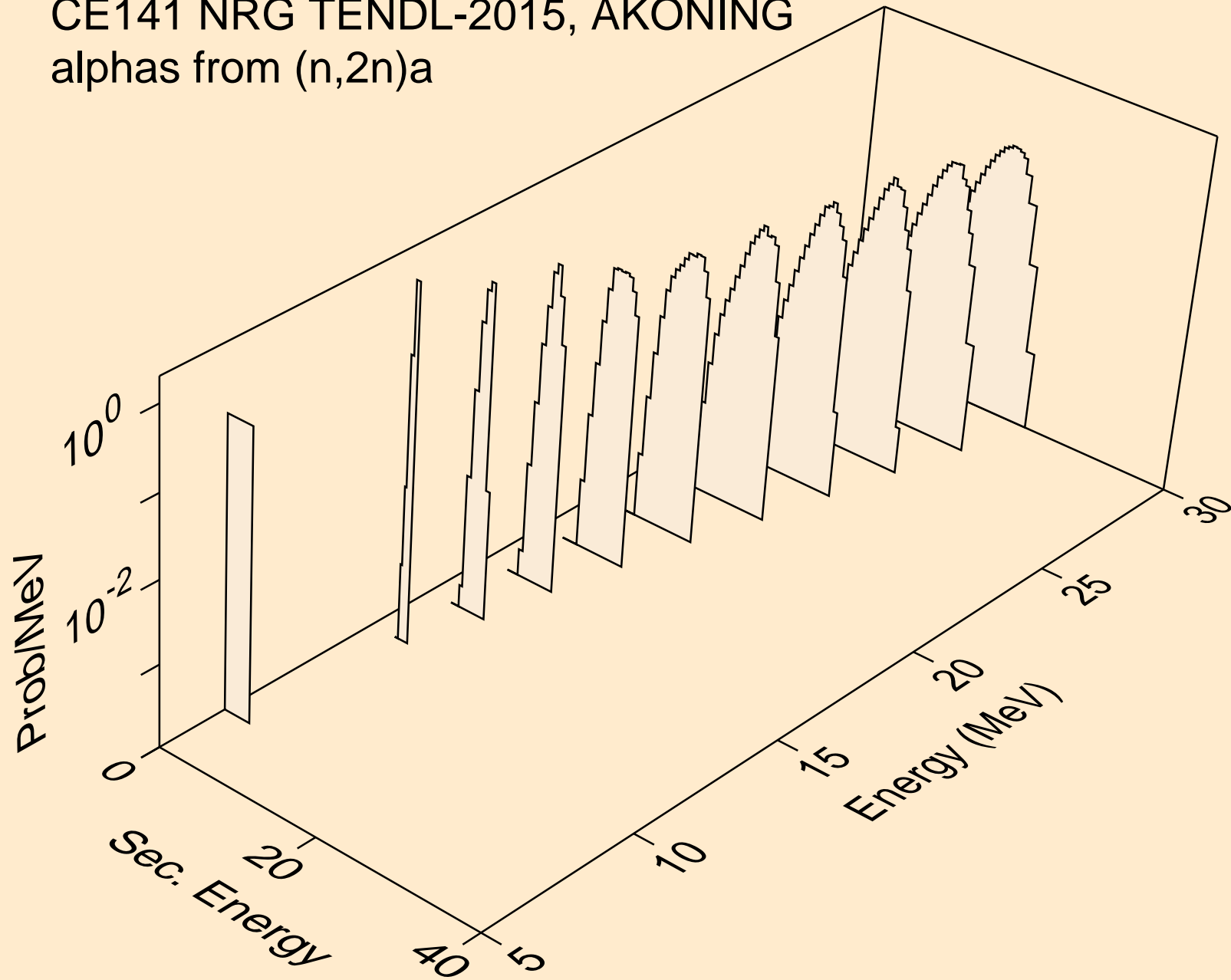


CE141 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

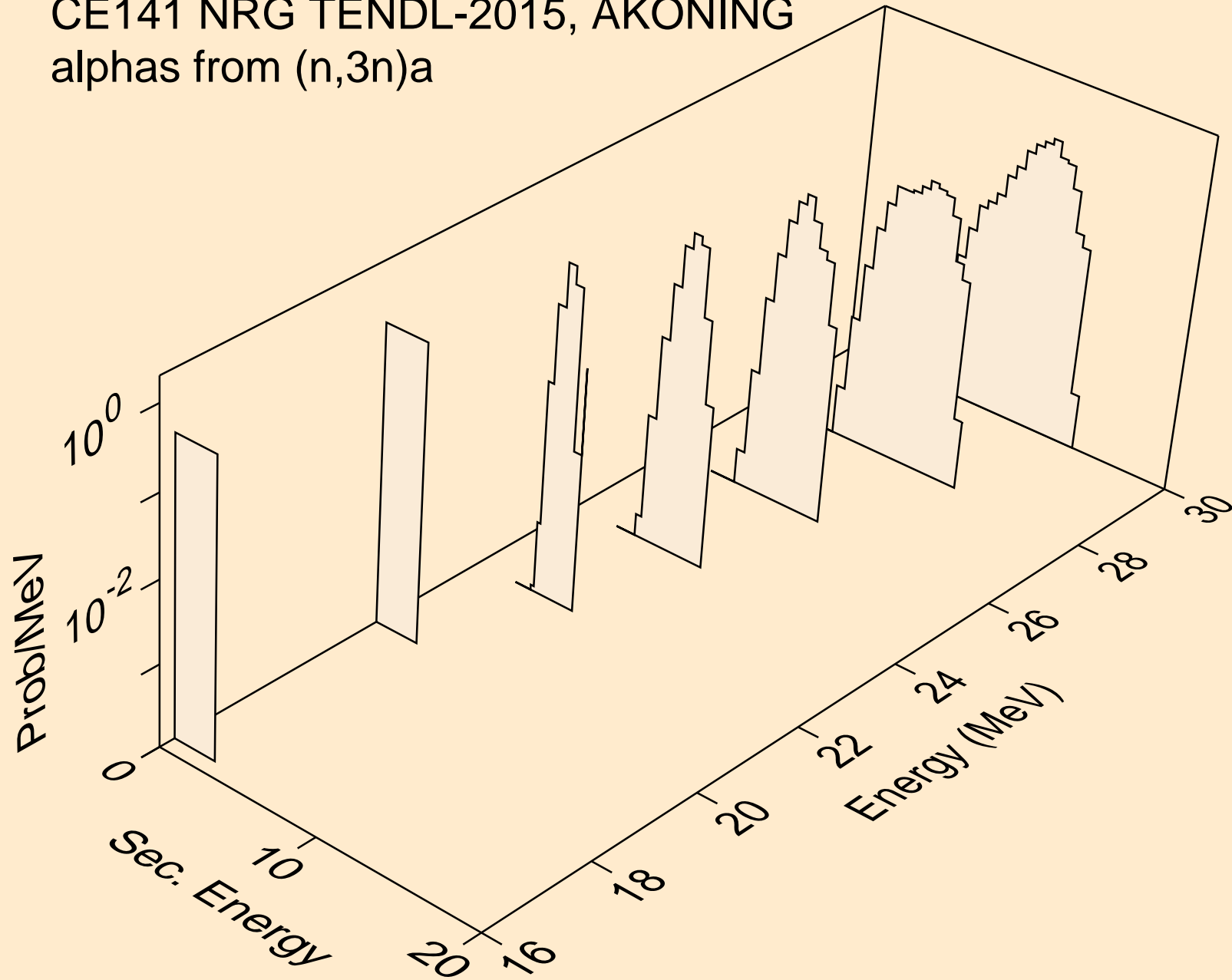




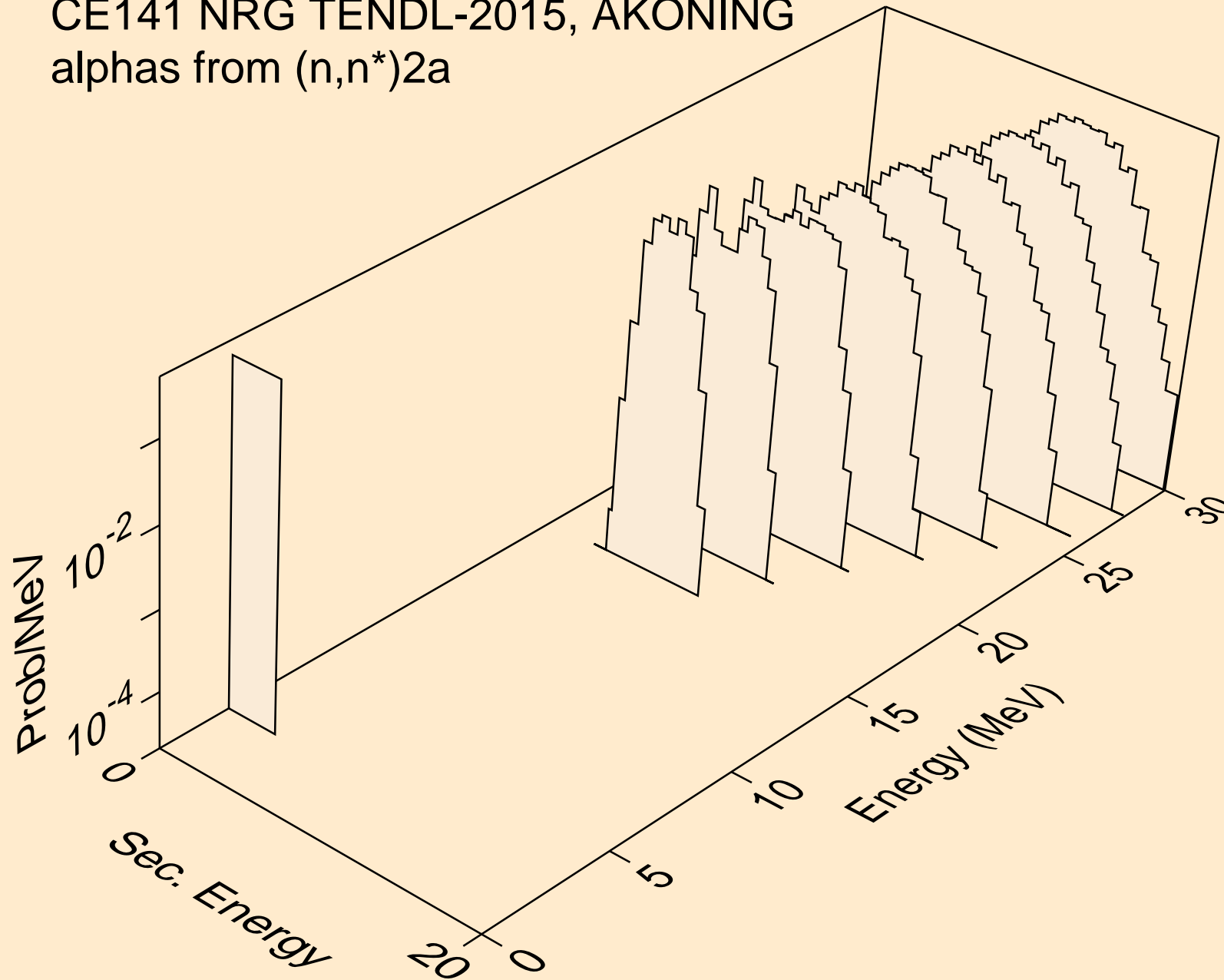
CE141 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



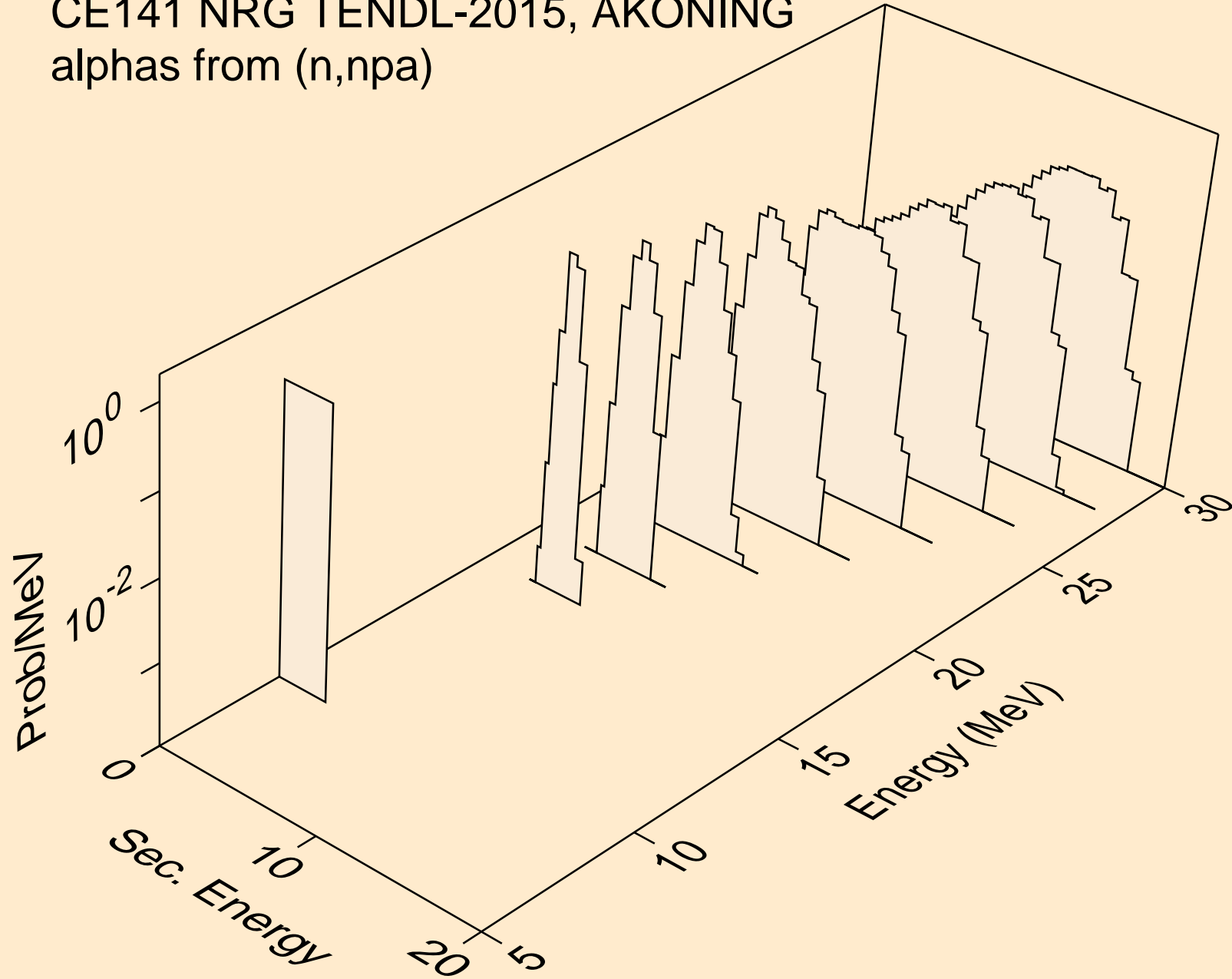
CE141 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



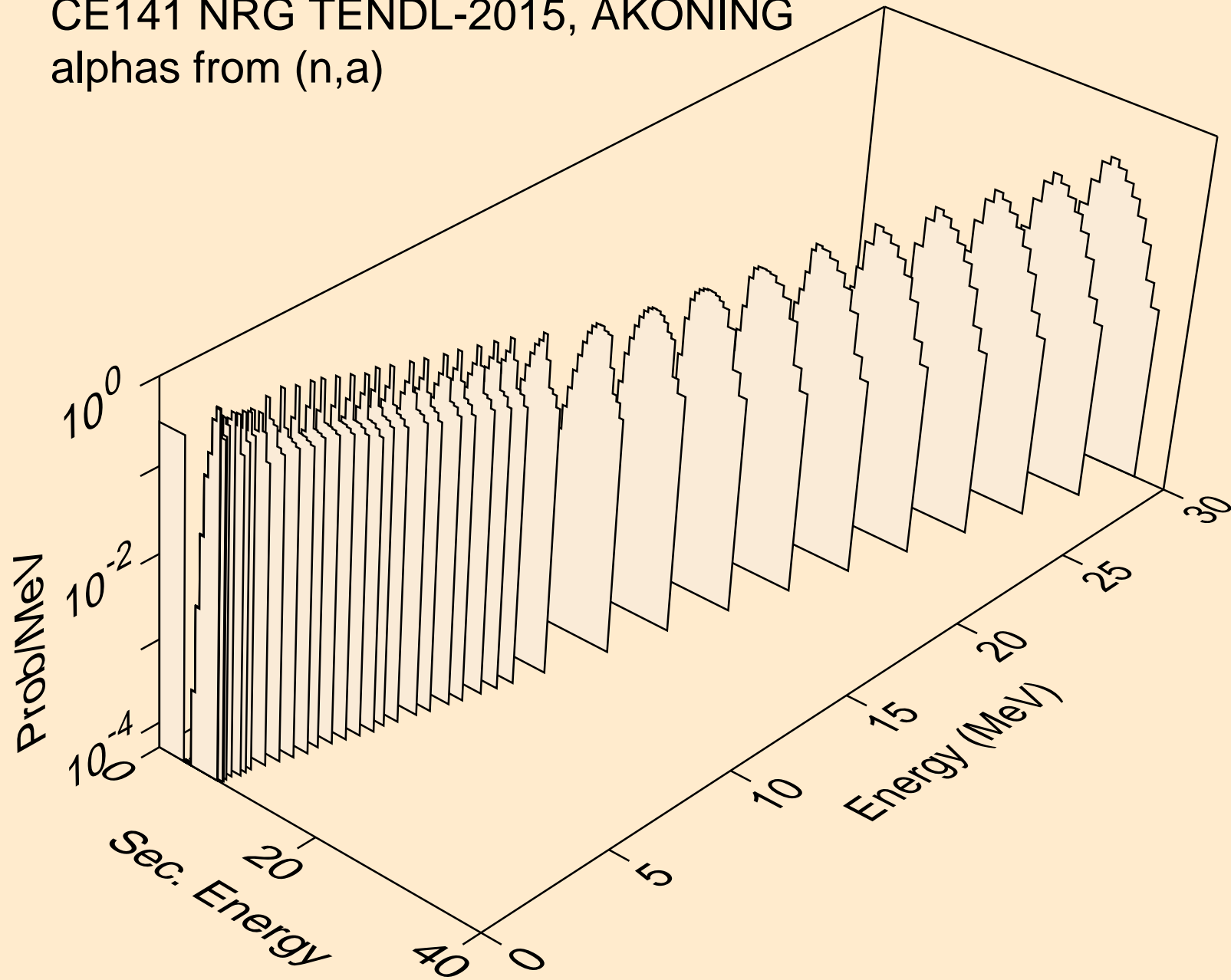
CE141 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



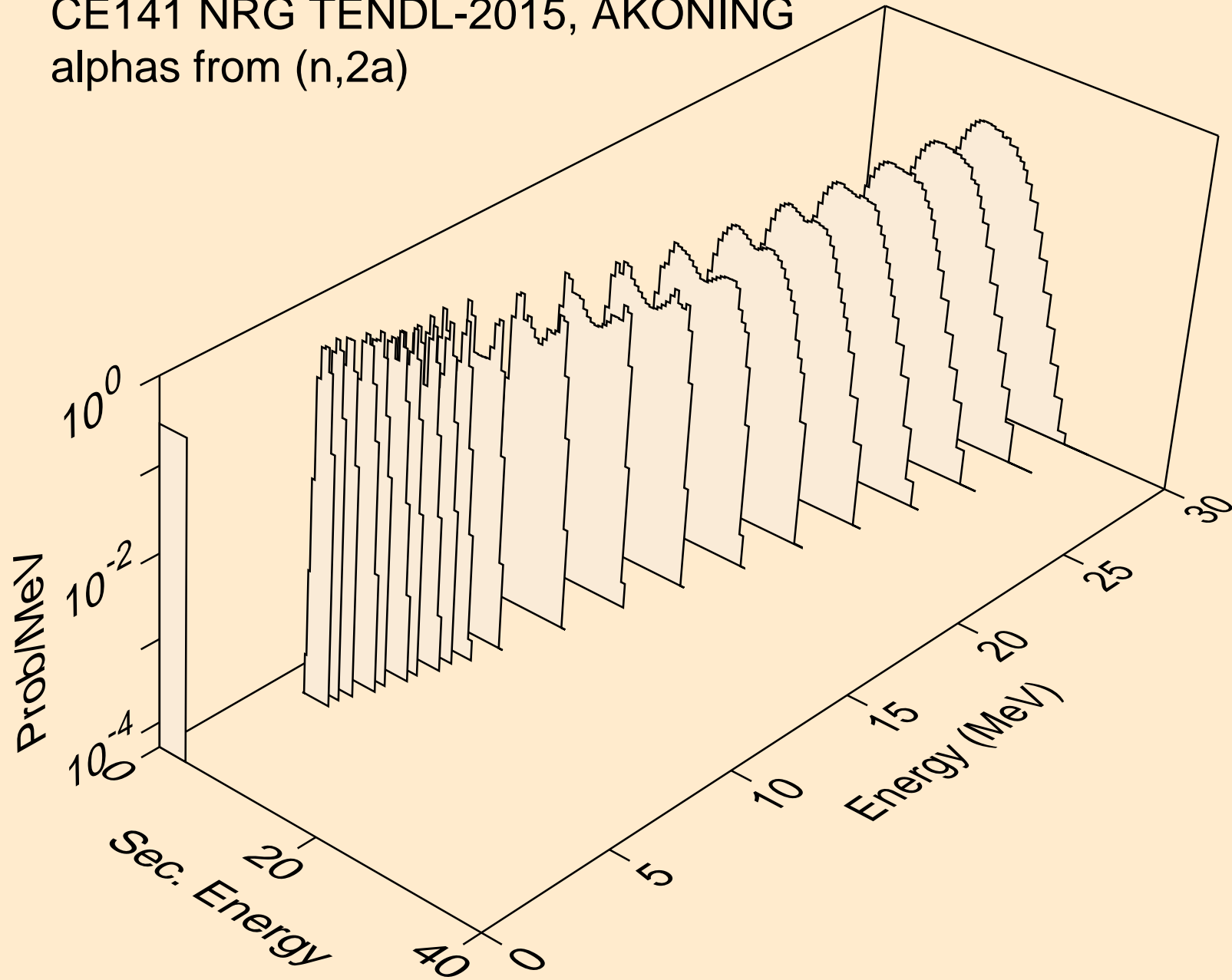
CE141 NRG TENDL-2015, AKONING  
alphas from (n,npa)



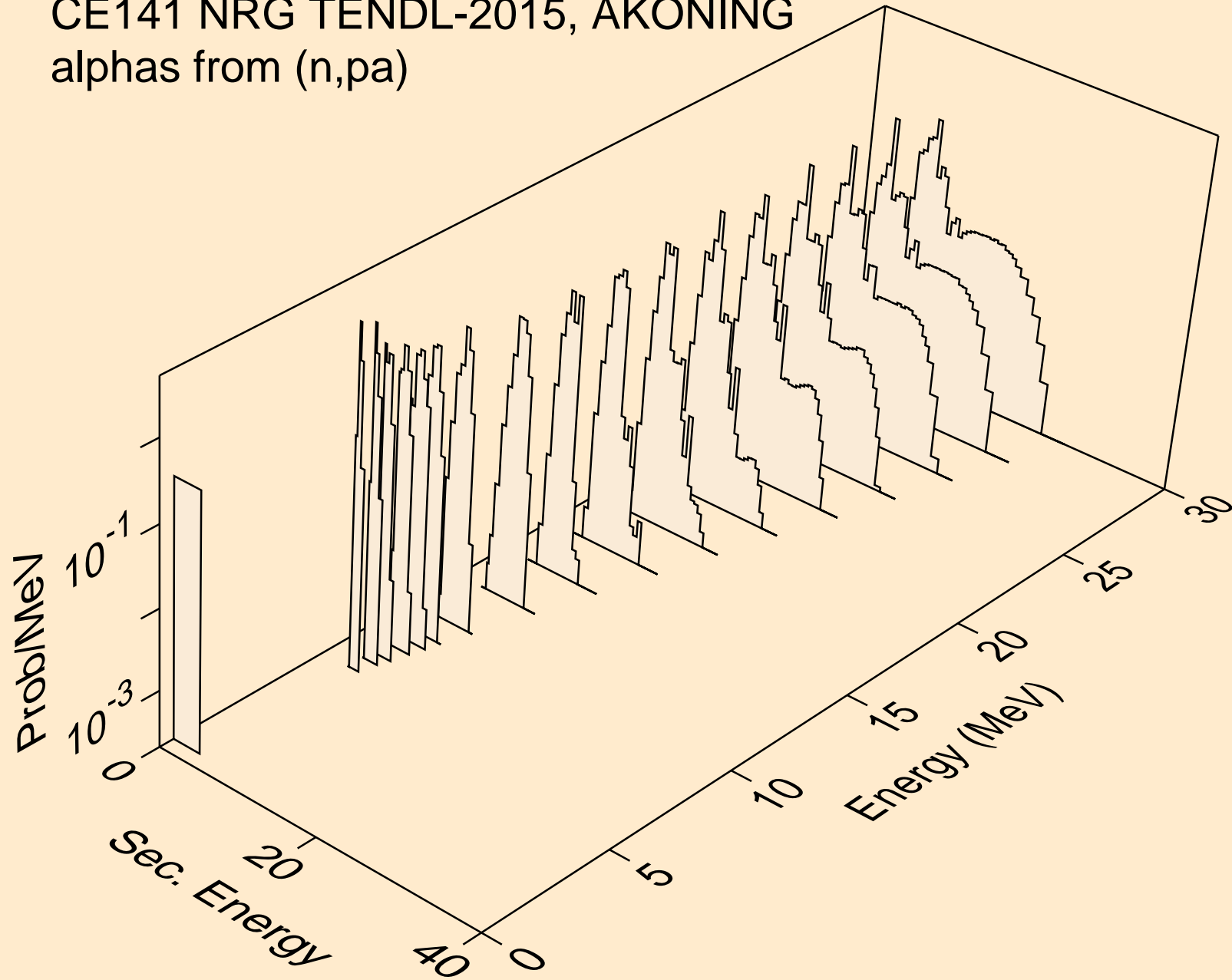
CE141 NRG TENDL-2015, AKONING  
alphas from (n,a)



CE141 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CE141 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CE141 NRG TENDL-2015, AKONING  
alphas from (n,da)

