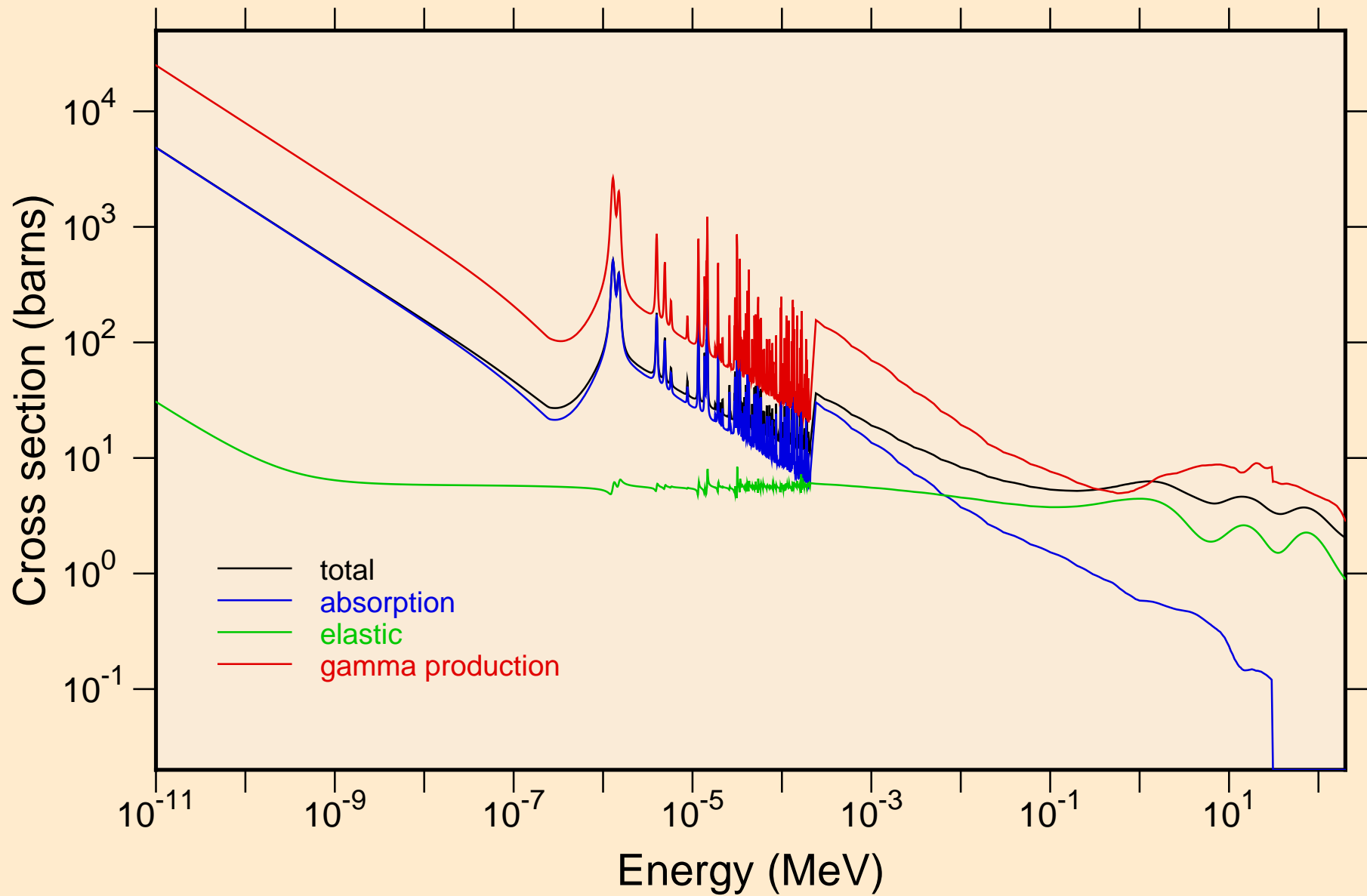
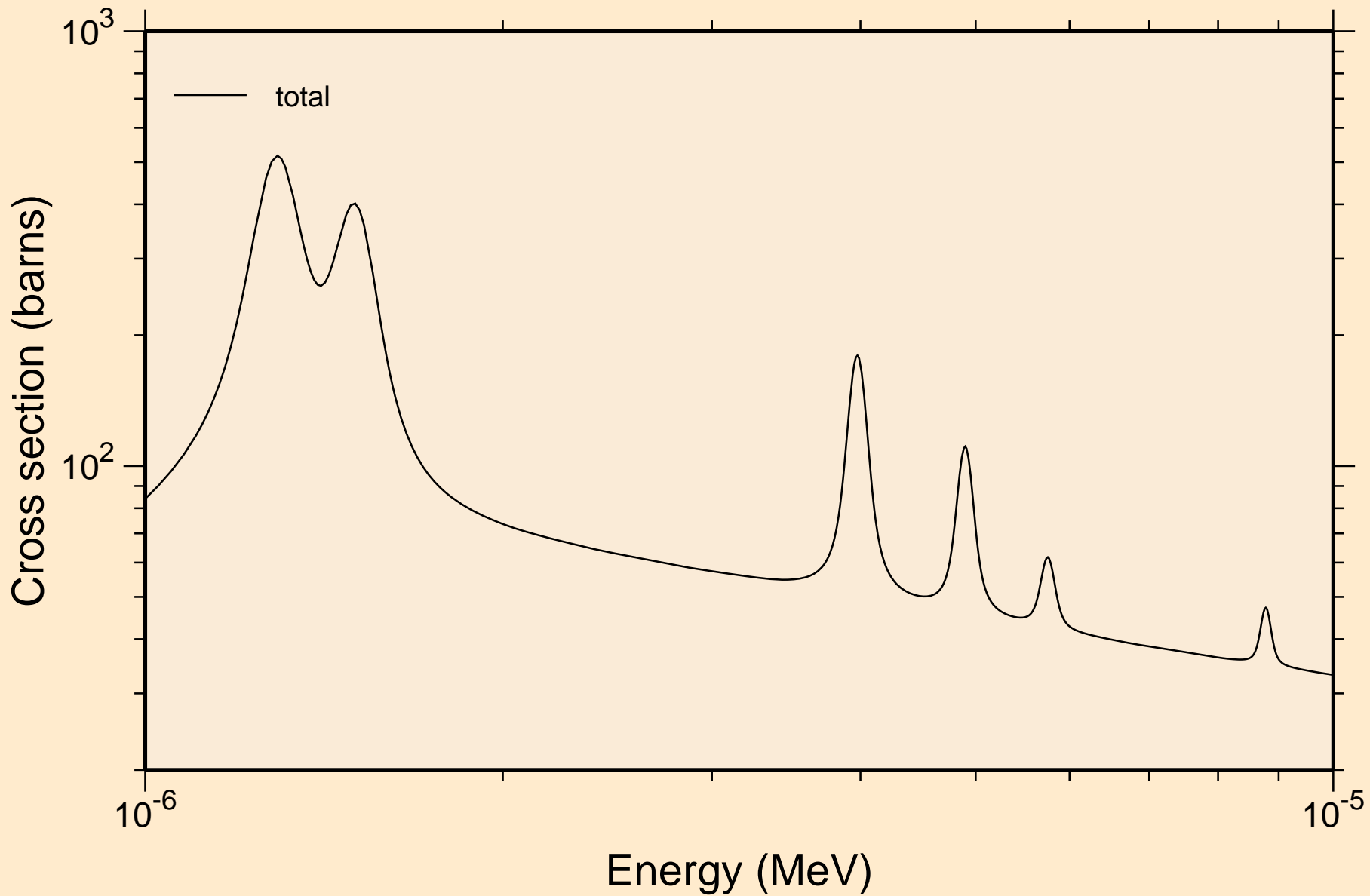


# CS123 NRG TENDL-2015, AKONING

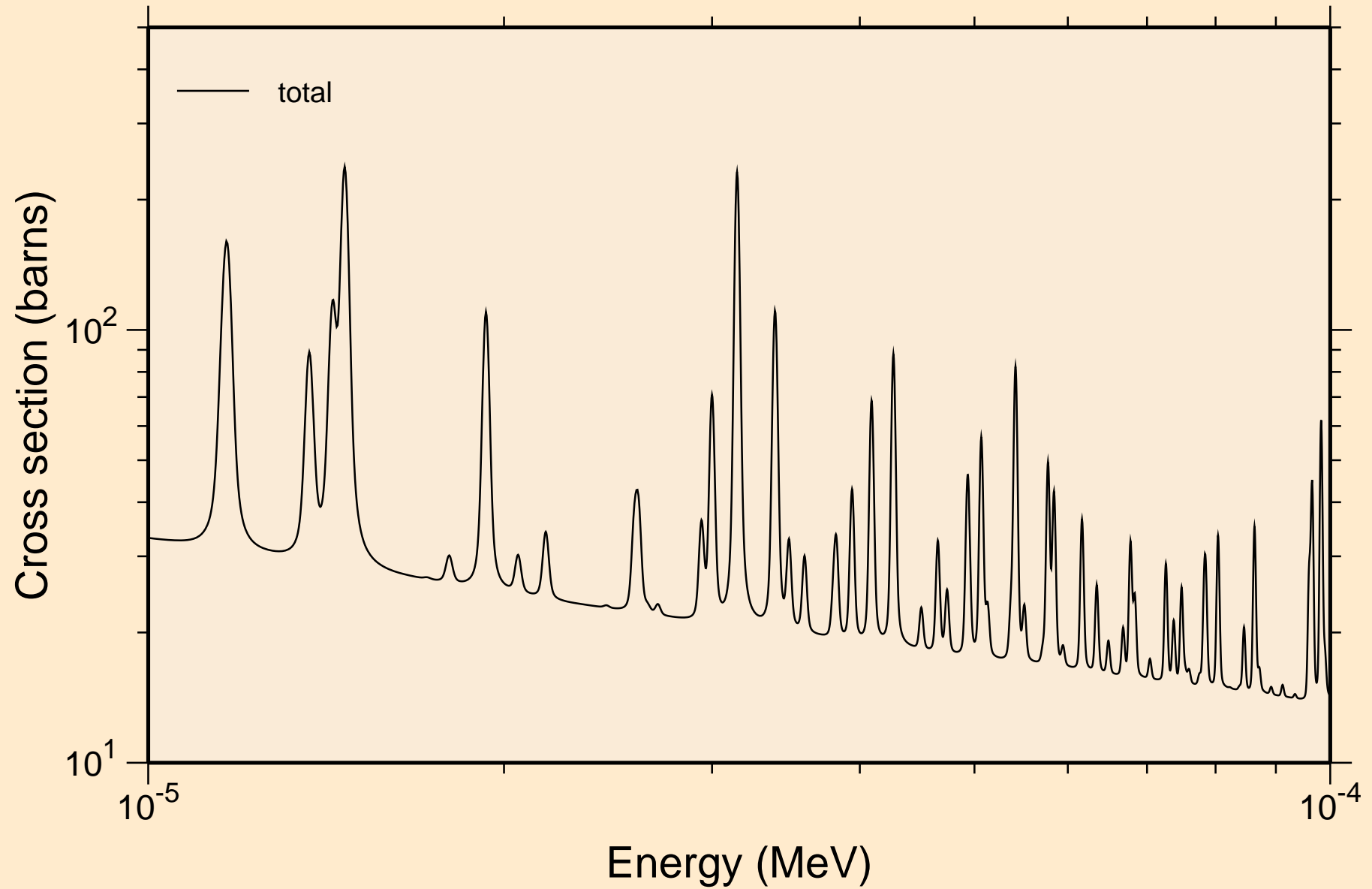
## Principal cross sections



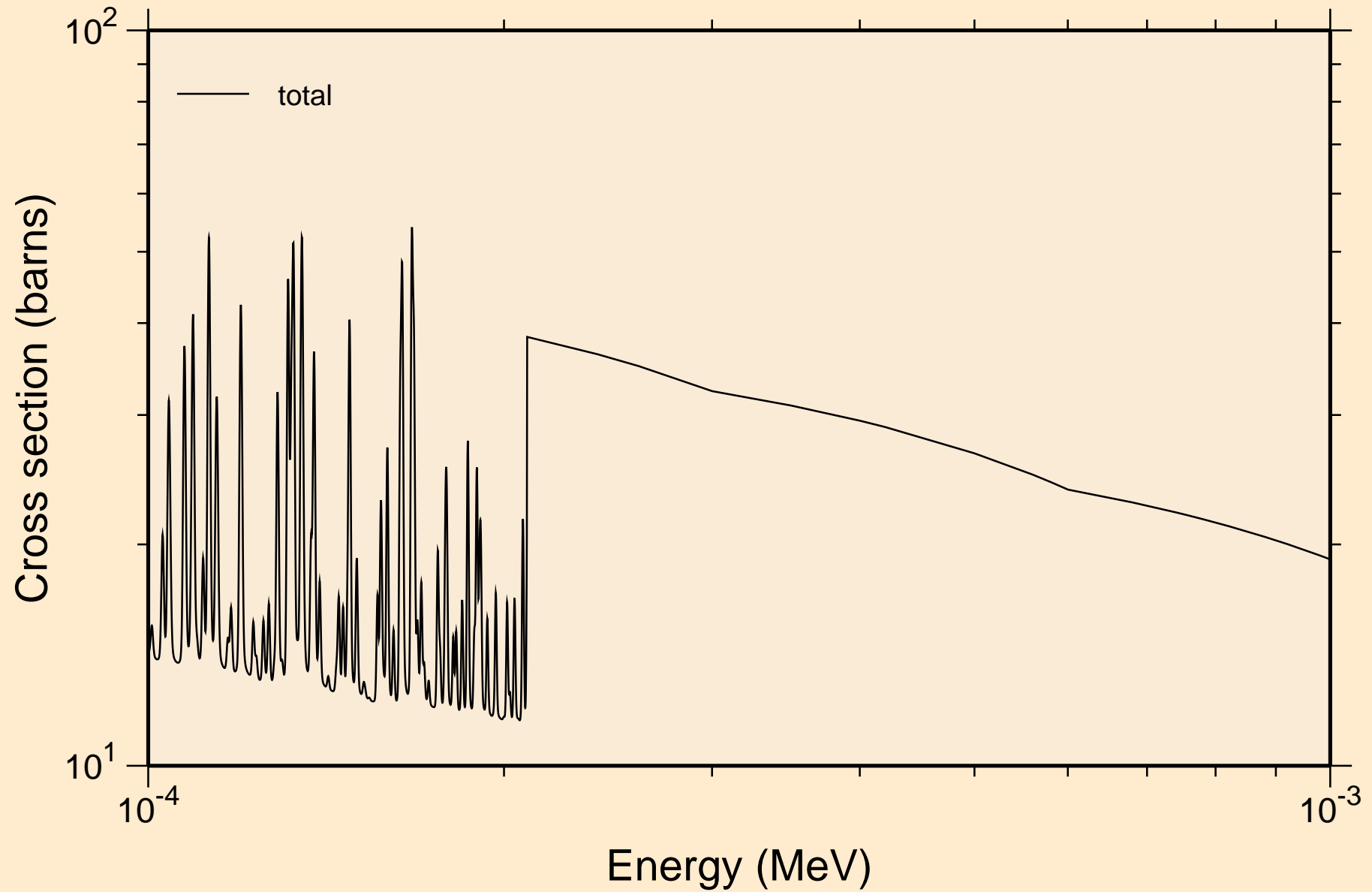
CS123 NRG TENDL-2015, AKONING  
resonance total cross section



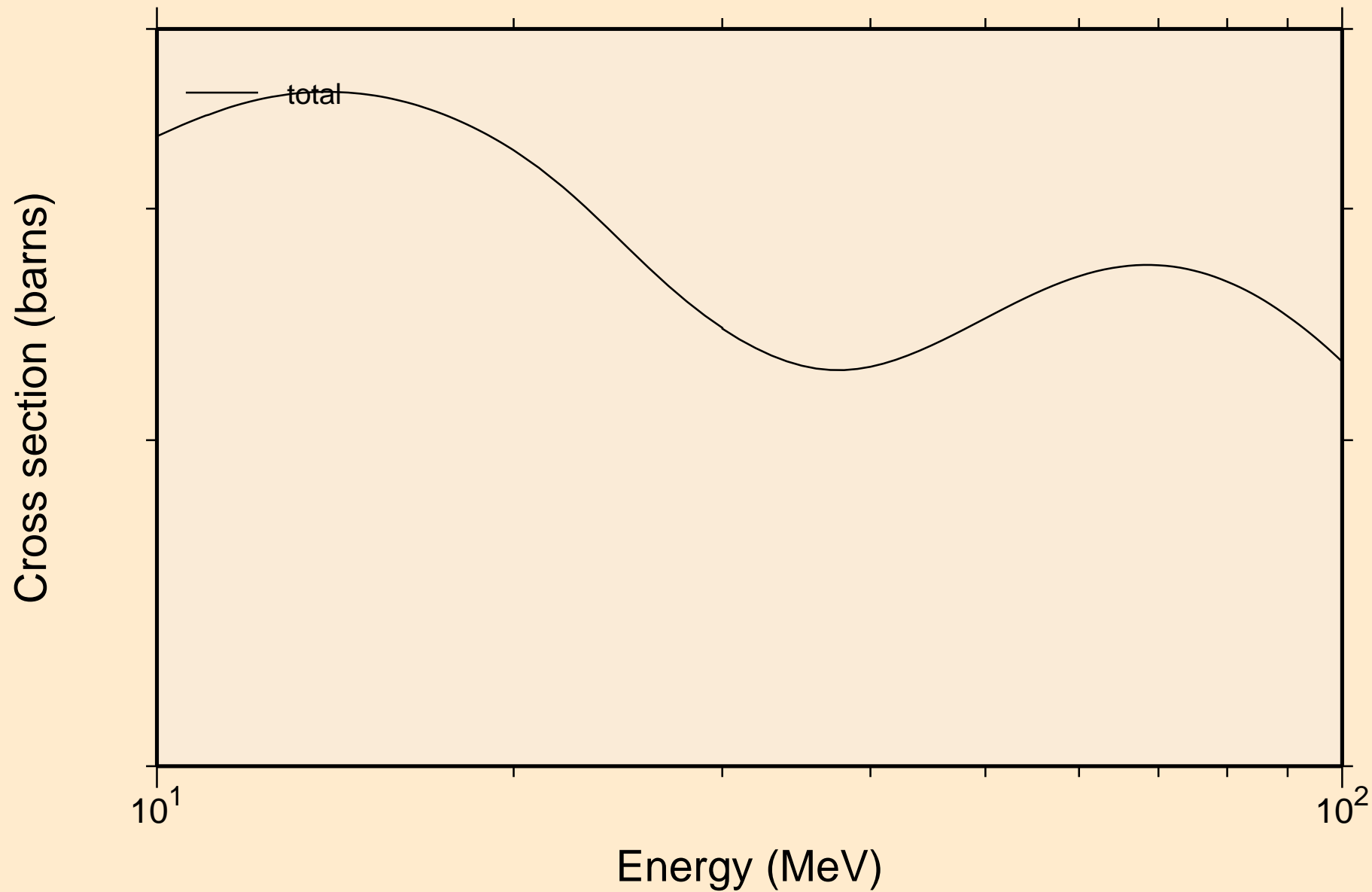
CS123 NRG TENDL-2015, AKONING  
resonance total cross section



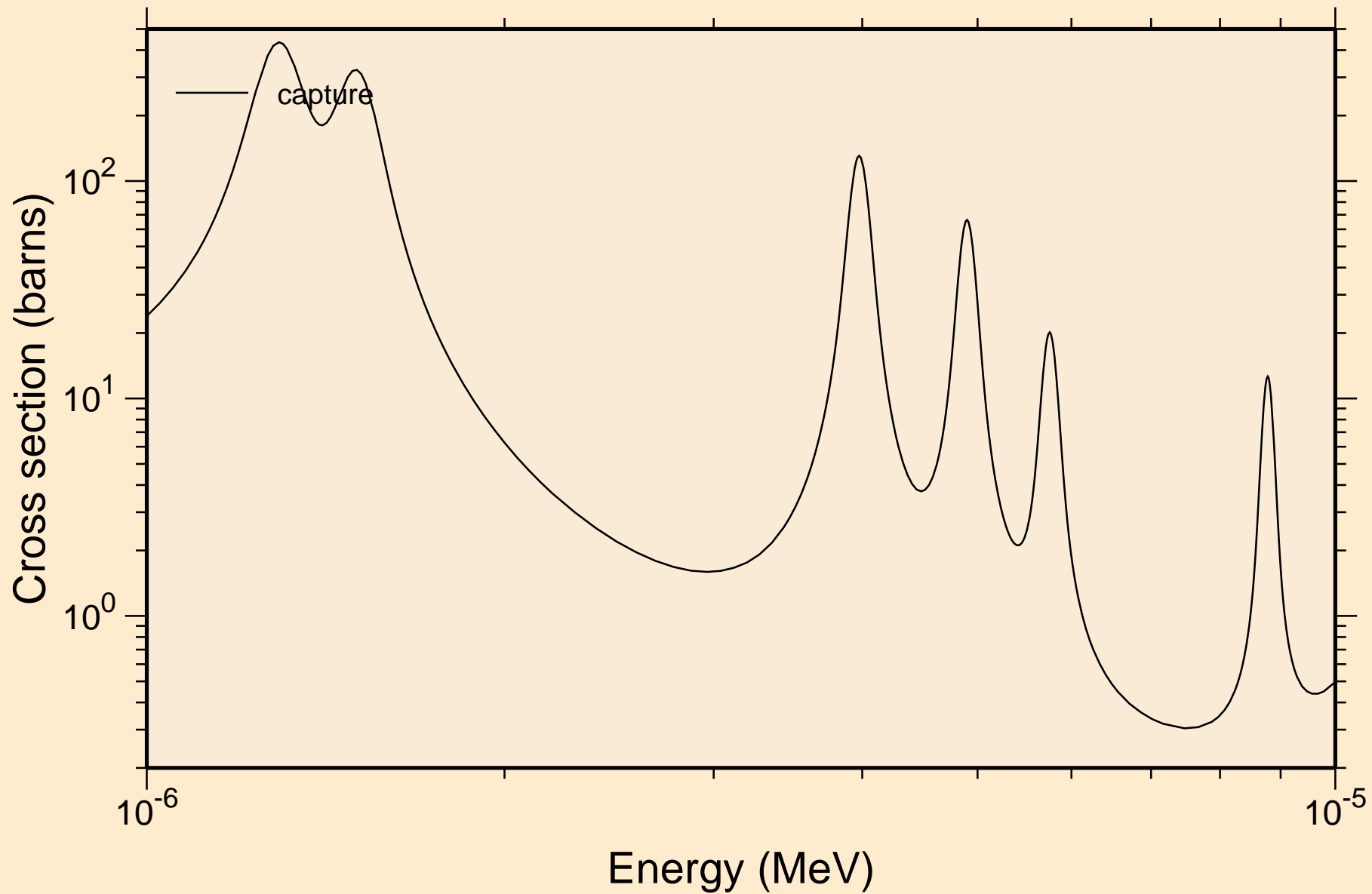
CS123 NRG TENDL-2015, AKONING  
resonance total cross section



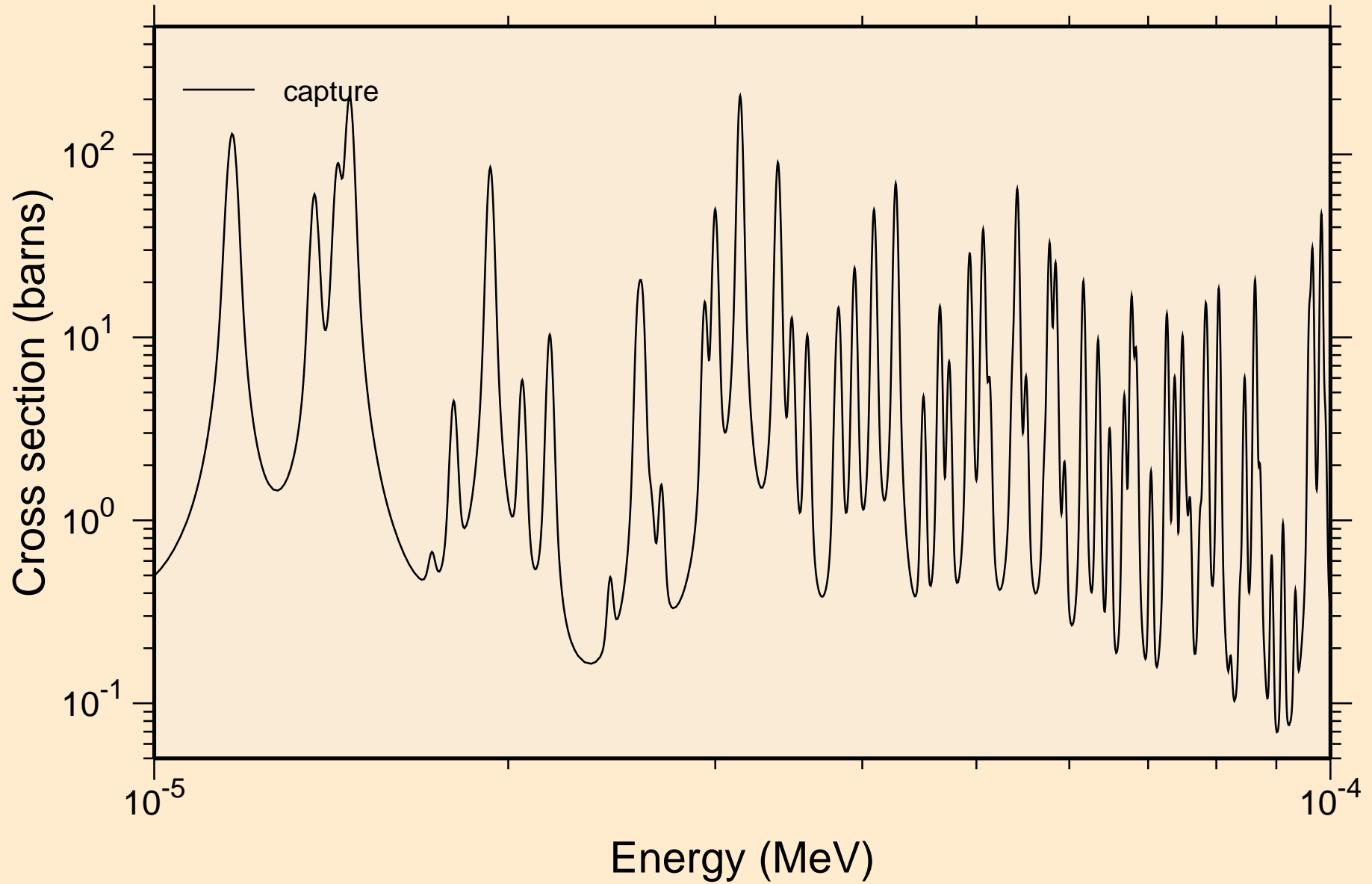
C<sup>123</sup> NRG TENDL-2015, AKONING  
resonance total cross section



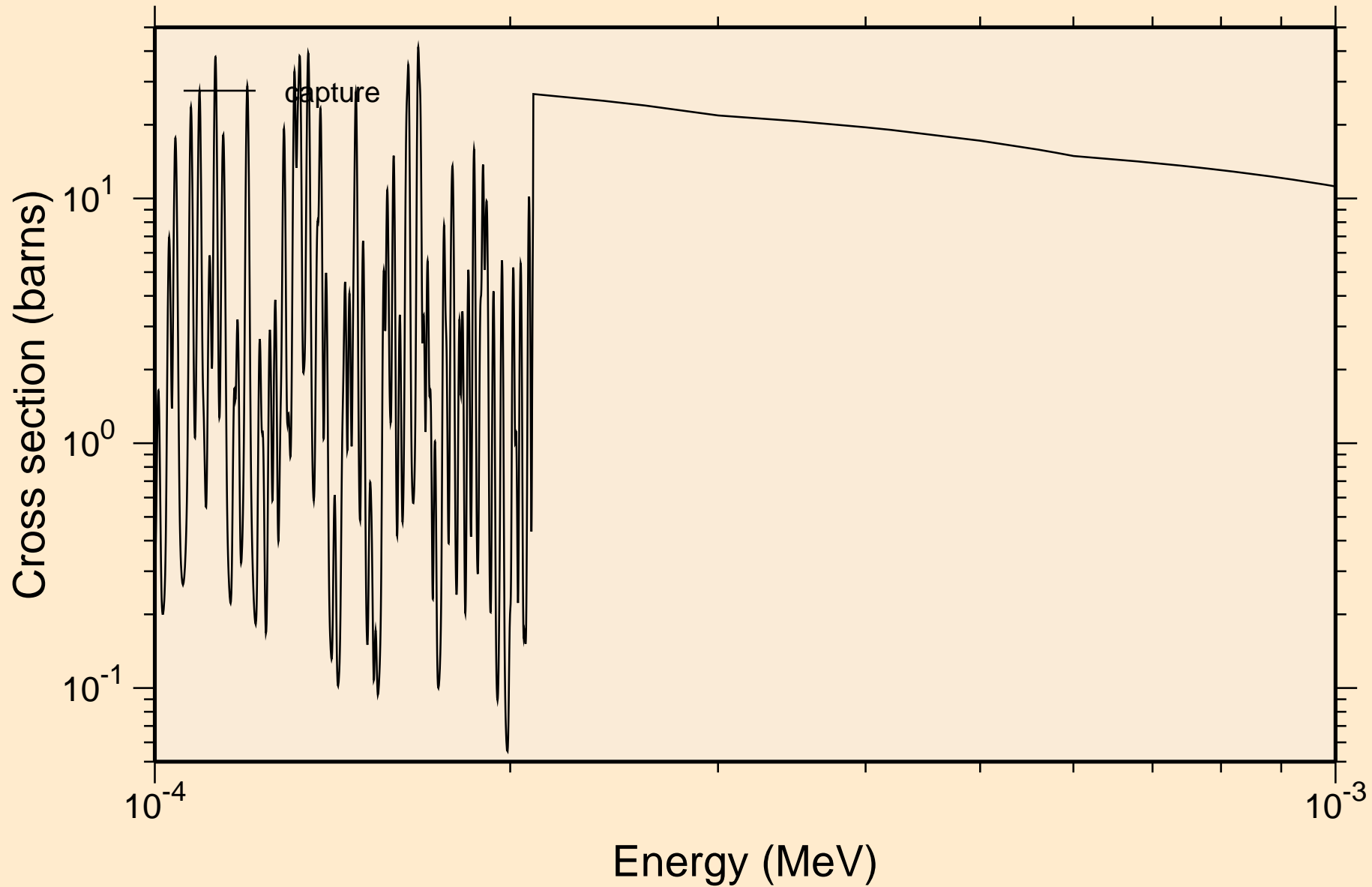
CS123 NRG TENDL-2015, AKONING  
resonance absorption cross sections



CS123 NRG TENDL-2015, AKONING  
resonance absorption cross sections

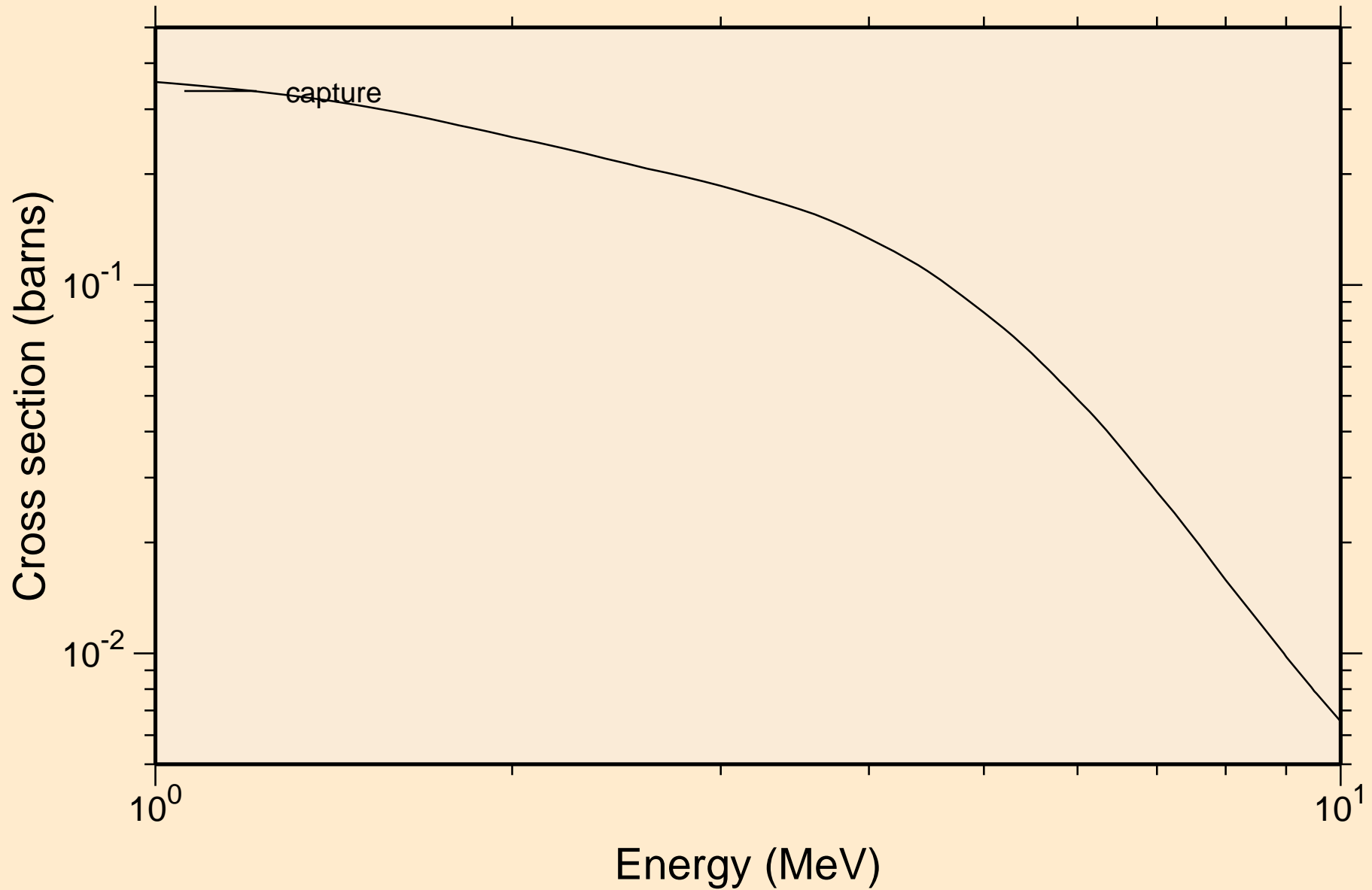


CS123 NRG TENDL-2015, AKONING  
resonance absorption cross sections



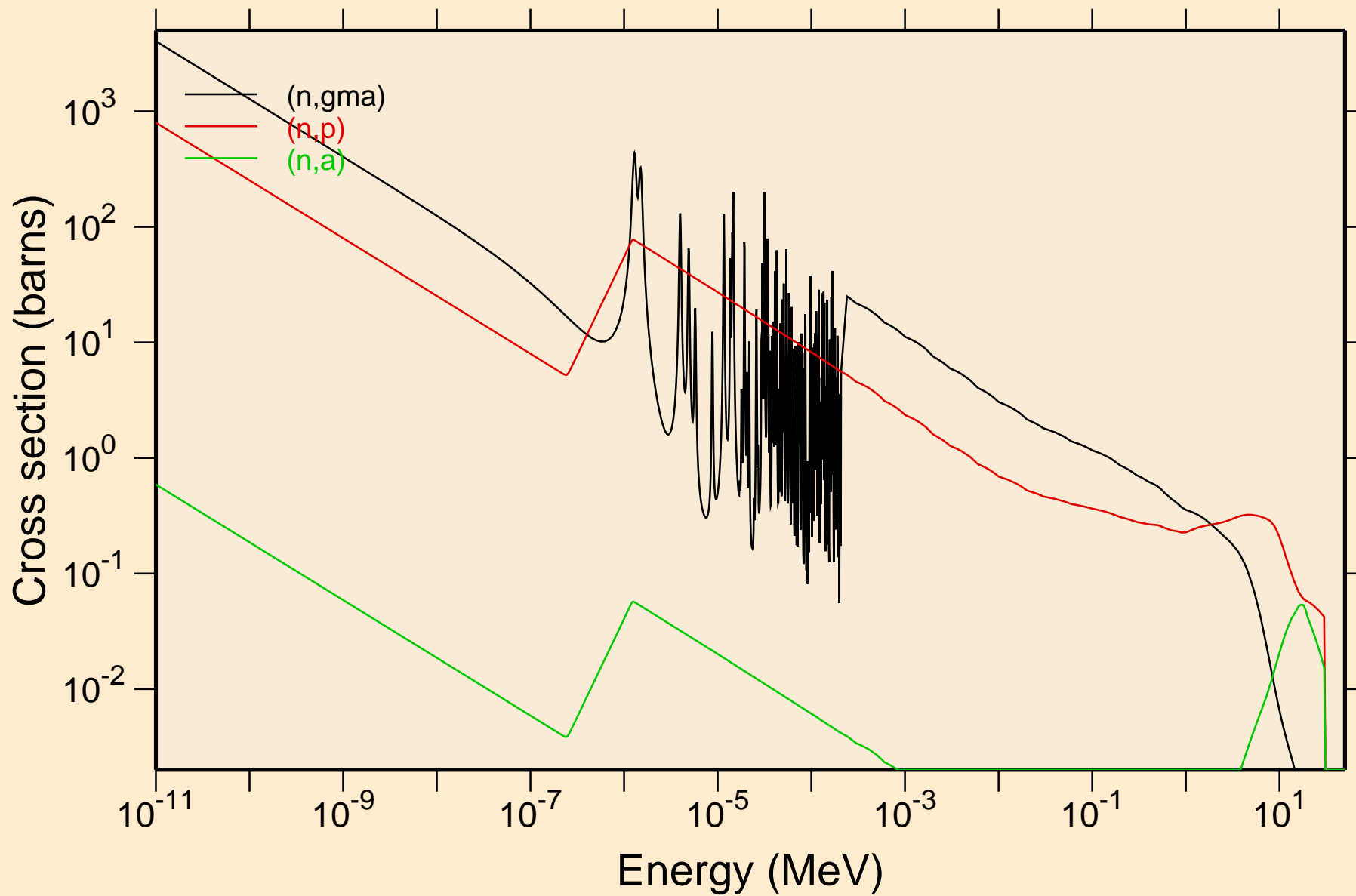


CS123 NRG TENDL-2015, AKONING  
resonance absorption cross sections



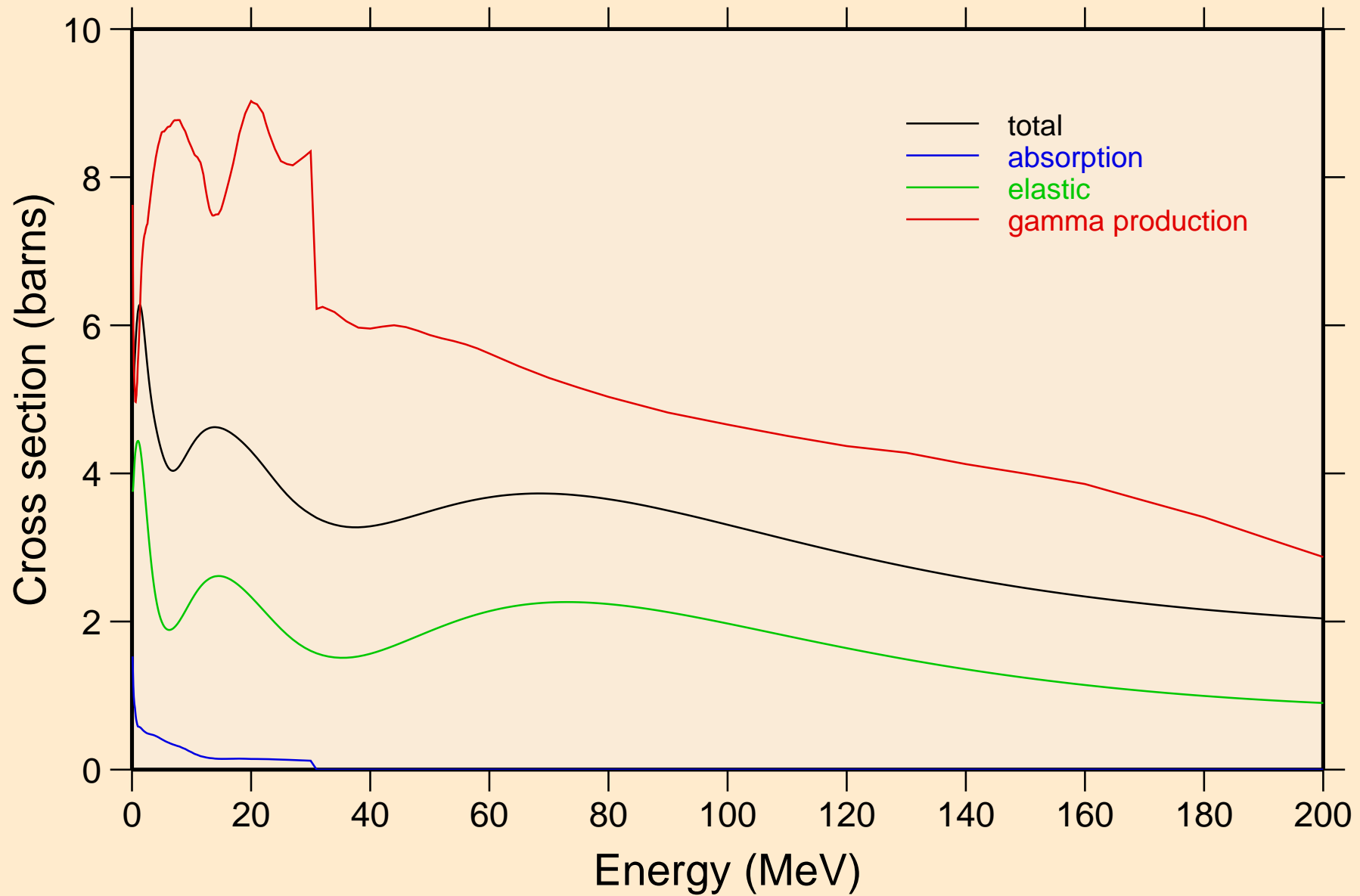
# CS123 NRG TENDL-2015, AKONING

## Non-threshold reactions



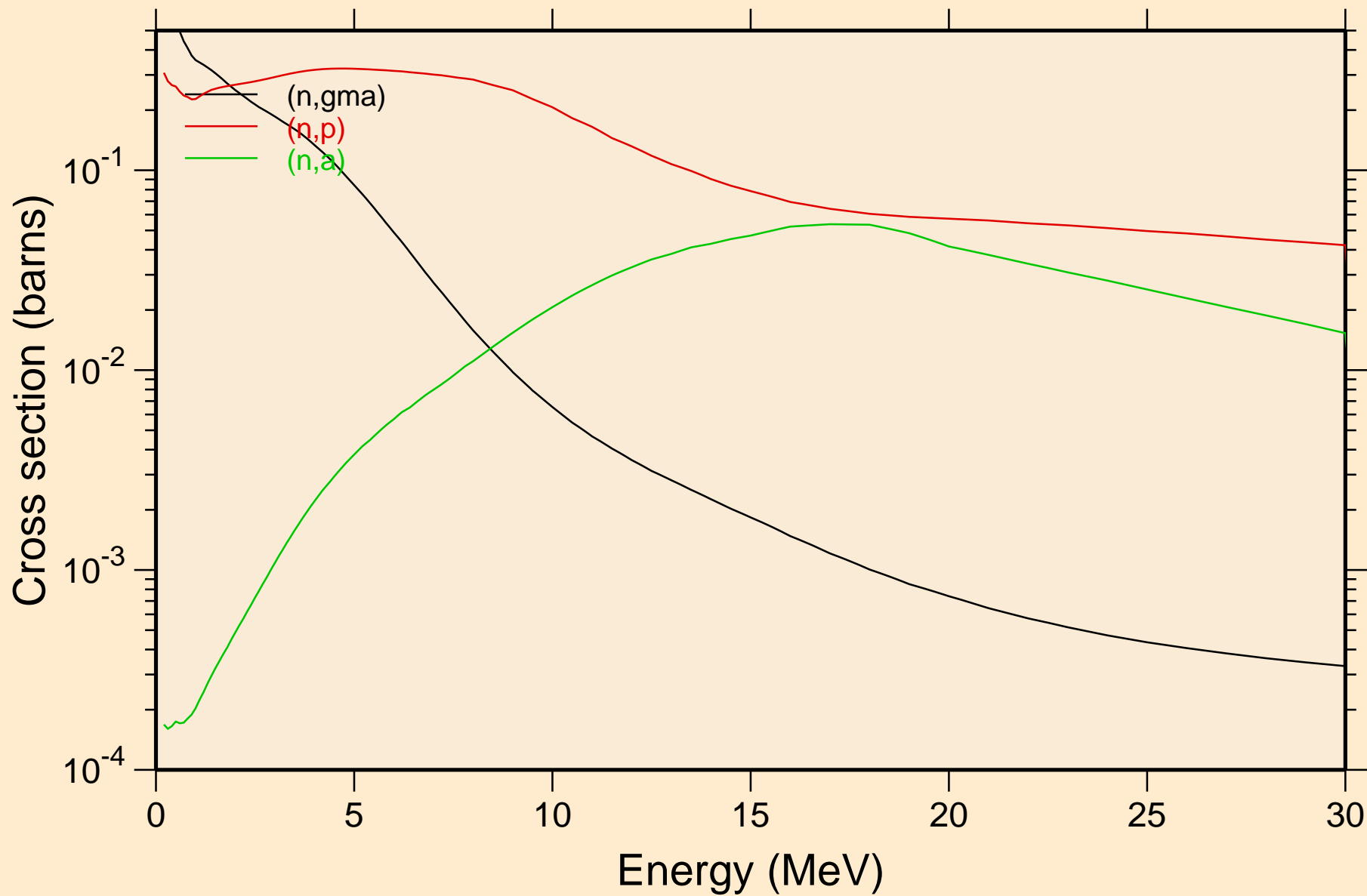
# CS123 NRG TENDL-2015, AKONING

## Principal cross sections



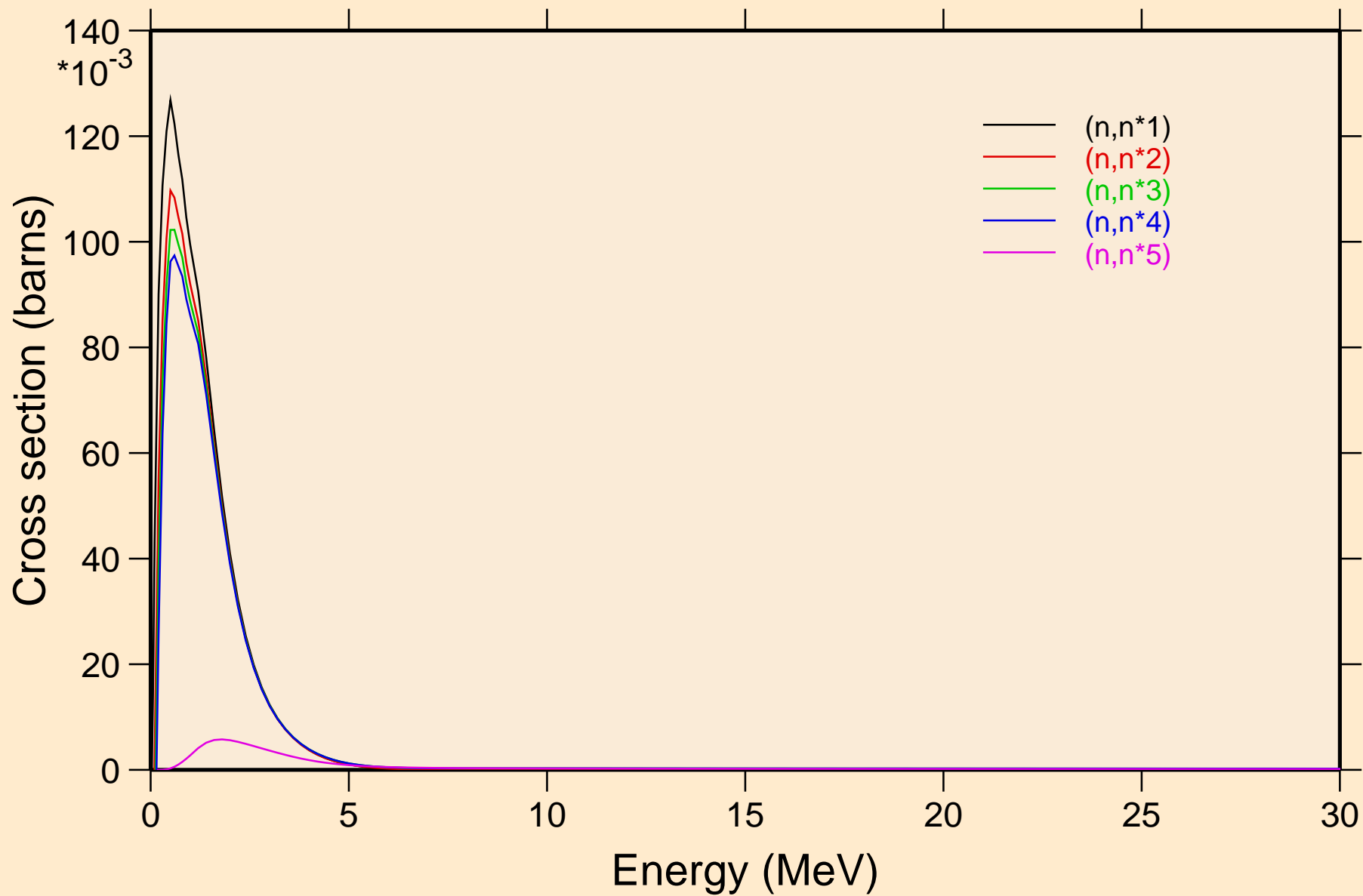
# CS123 NRG TENDL-2015, AKONING

## Non-threshold reactions



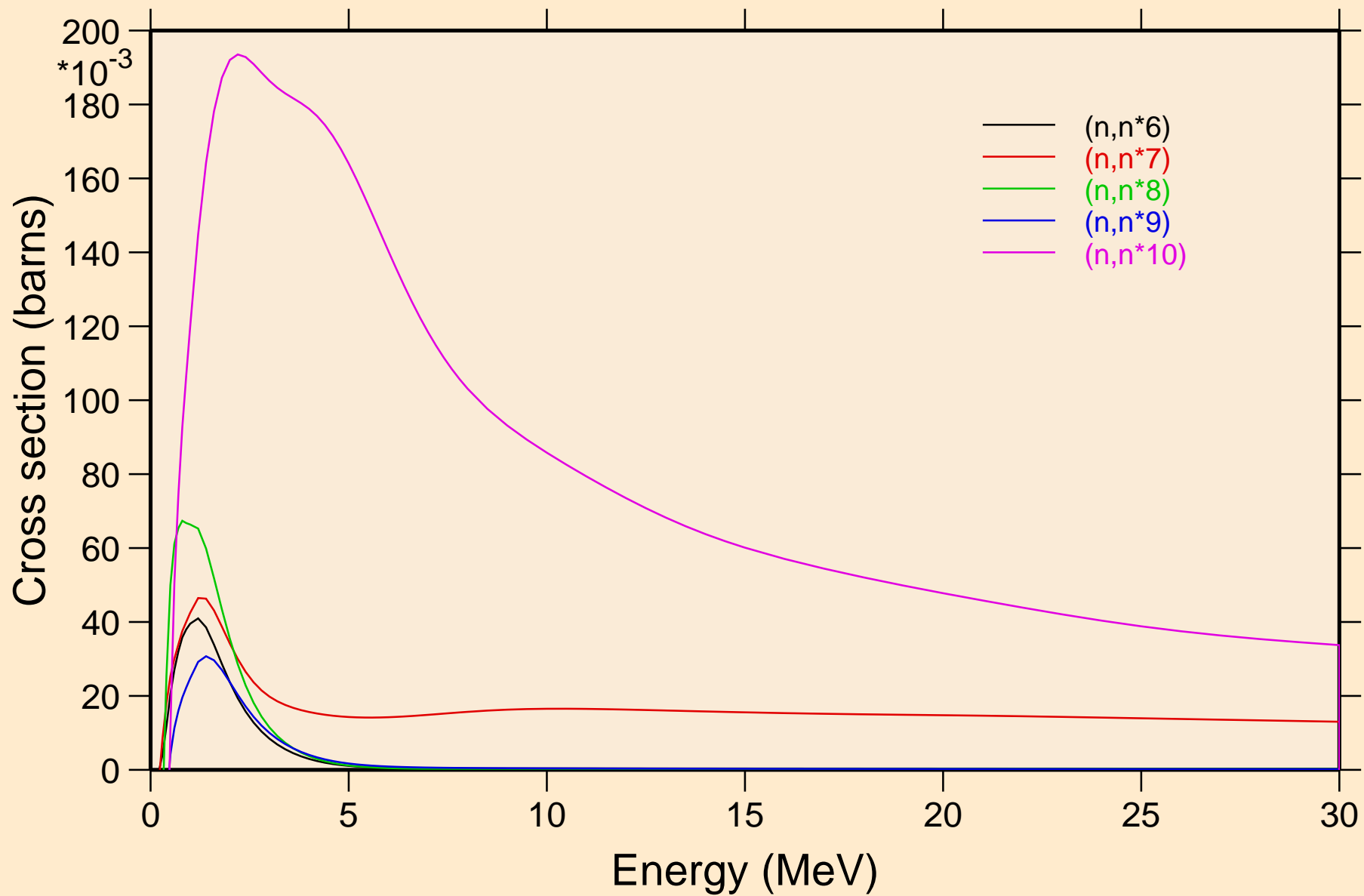
# CS123 NRG TENDL-2015, AKONING

## Inelastic levels



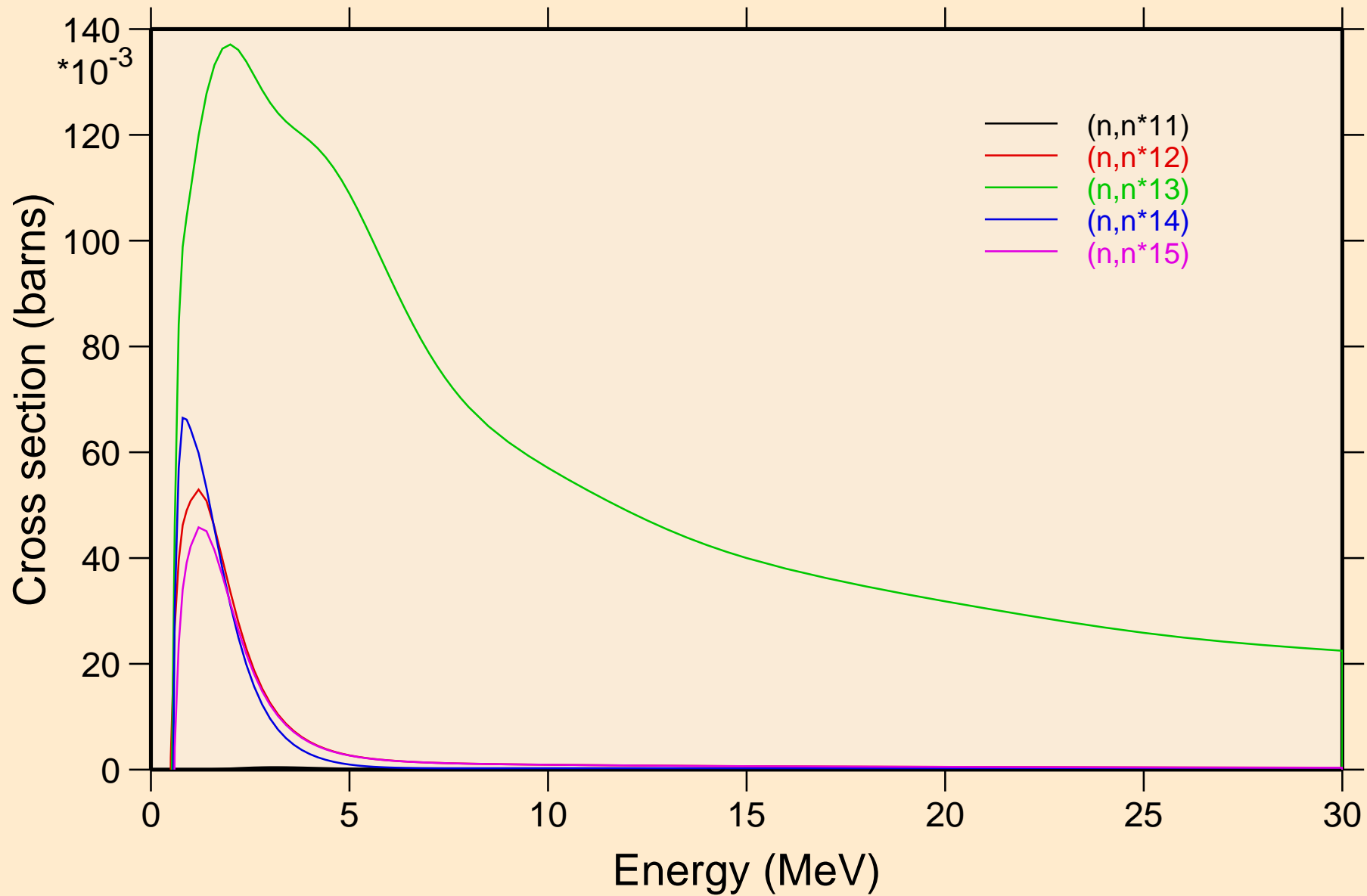
# CS123 NRG TENDL-2015, AKONING

## Inelastic levels



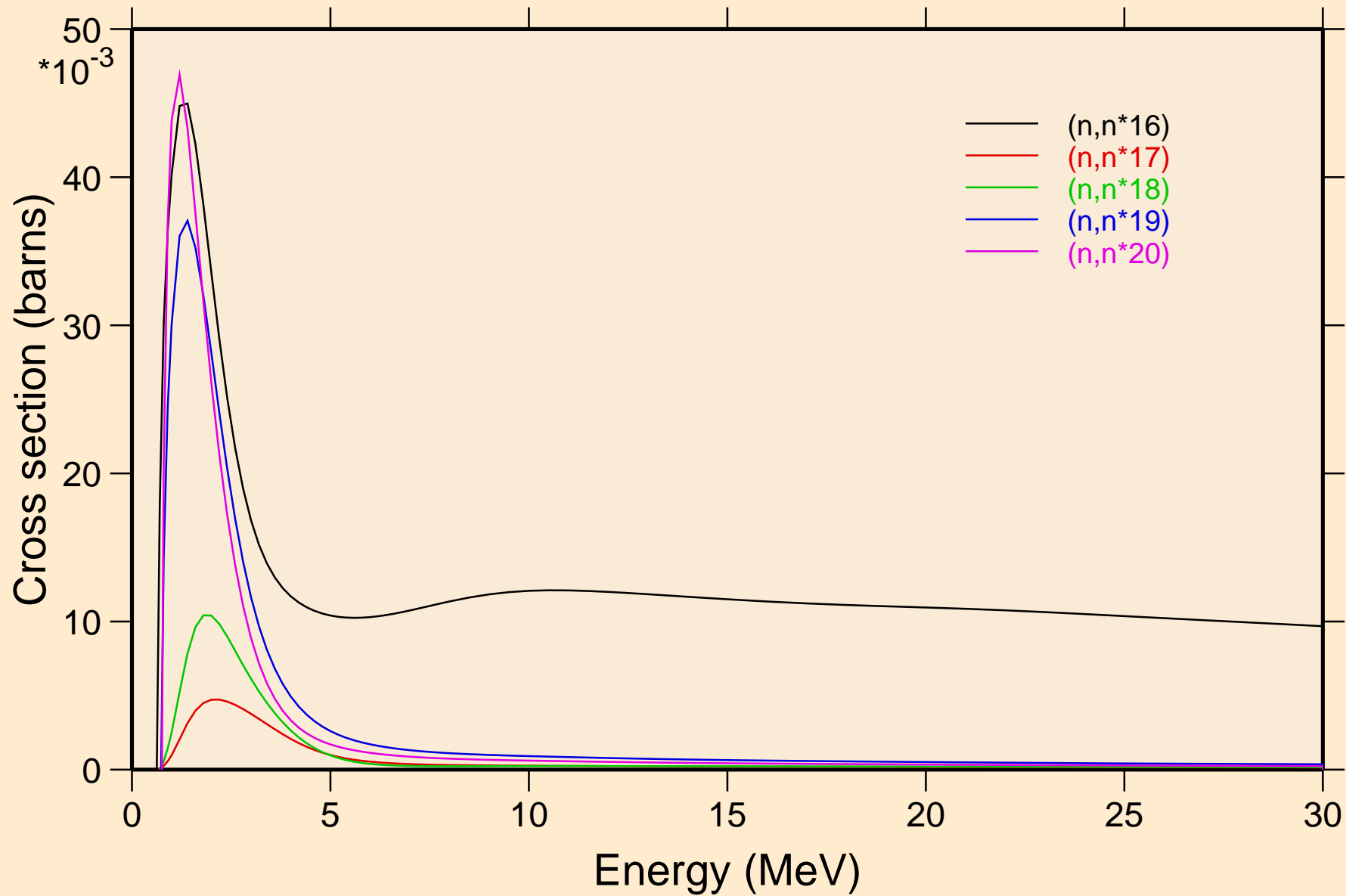
# CS123 NRG TENDL-2015, AKONING

## Inelastic levels



# CS123 NRG TENDL-2015, AKONING

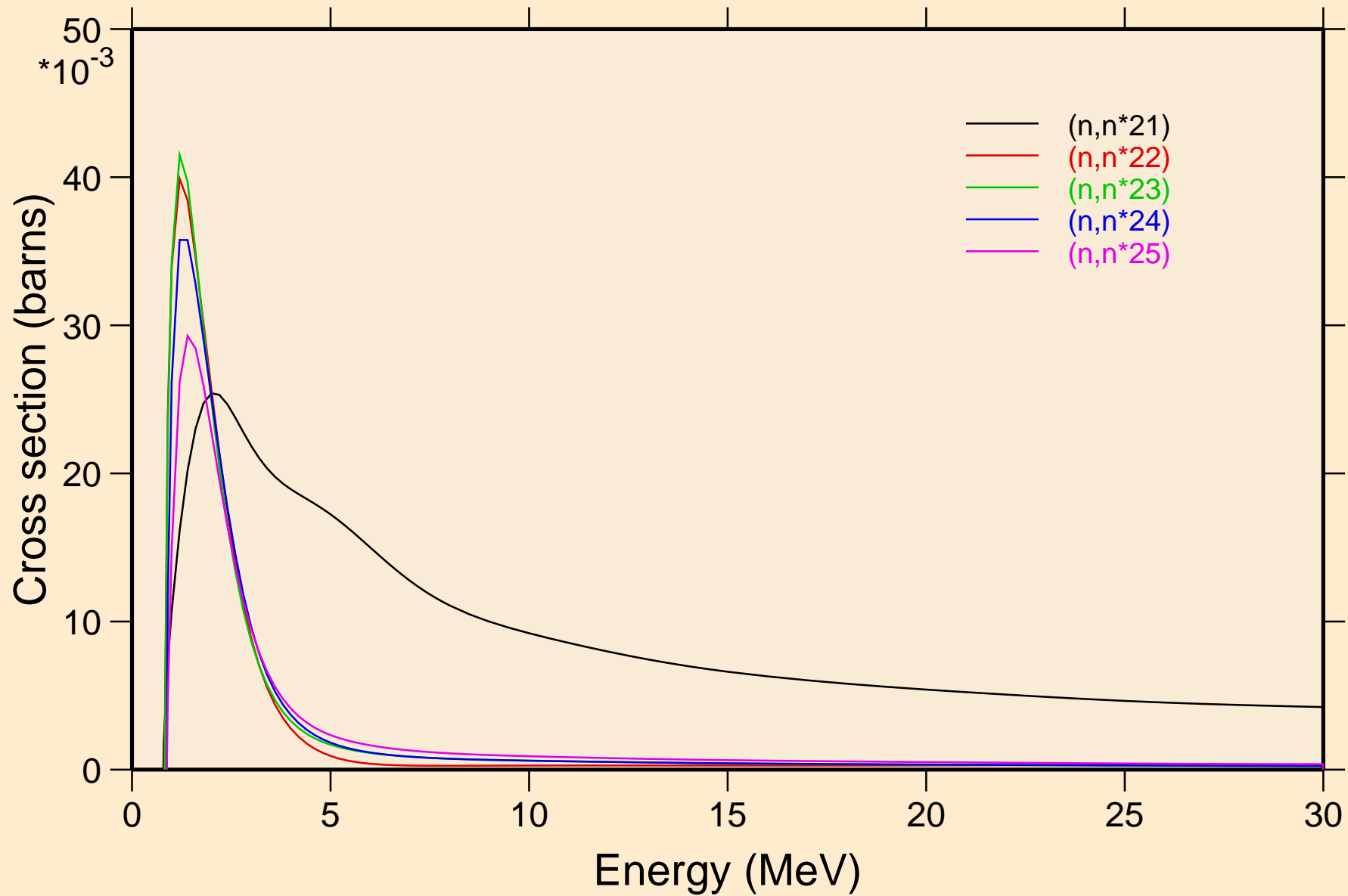
## Inelastic levels





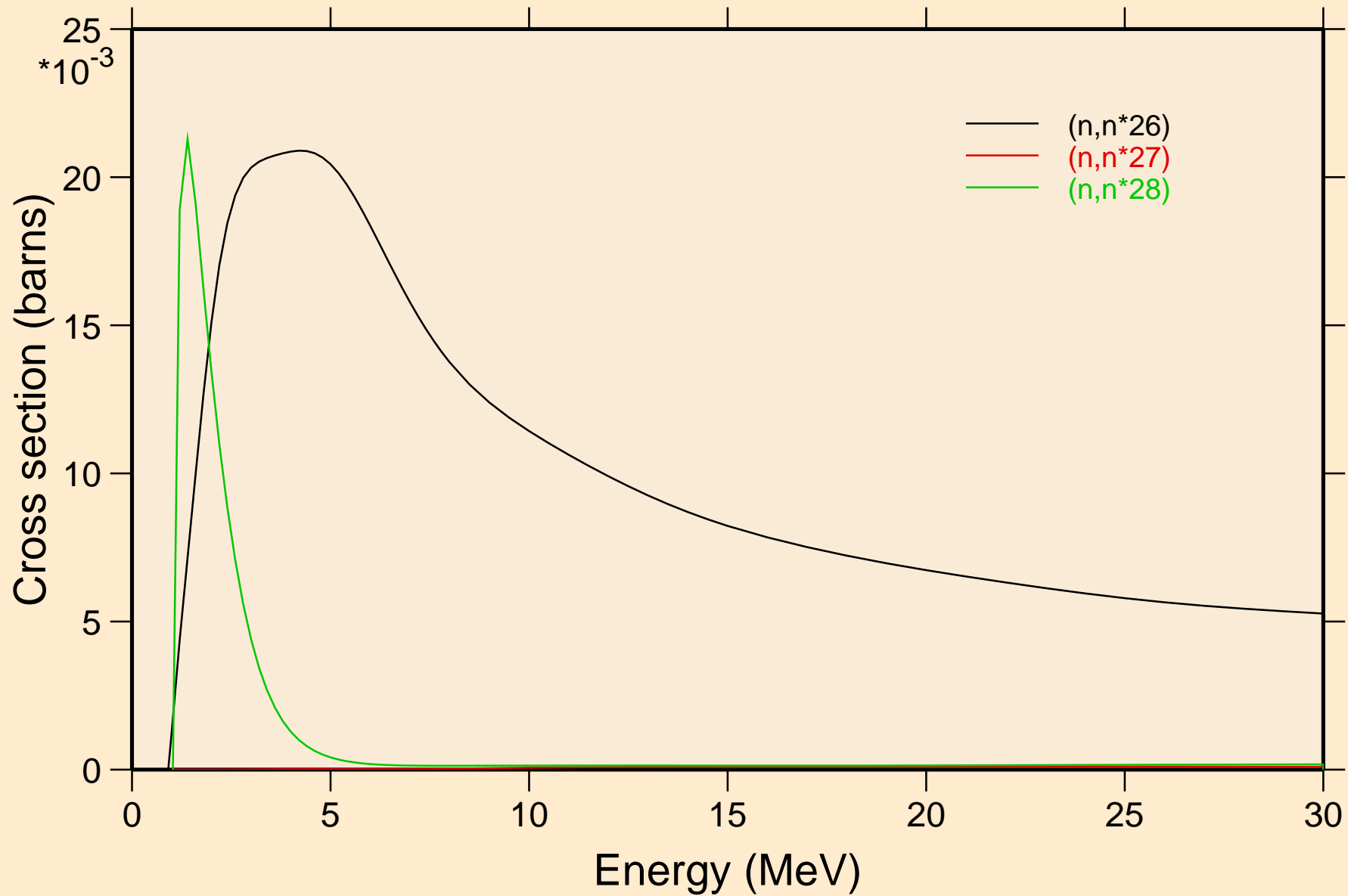
# CS123 NRG TENDL-2015, AKONING

## Inelastic levels



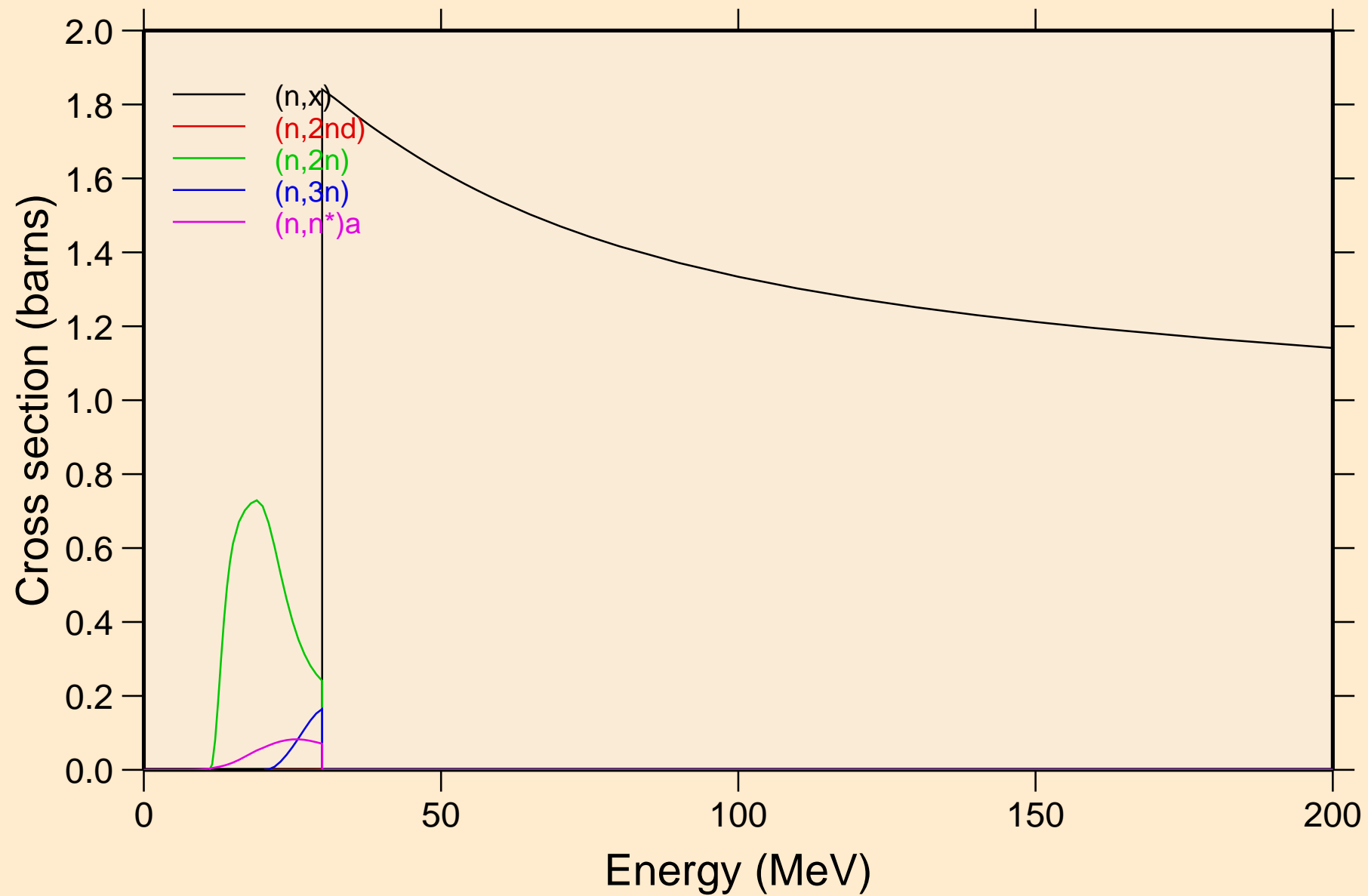
# CS123 NRG TENDL-2015, AKONING

## Inelastic levels



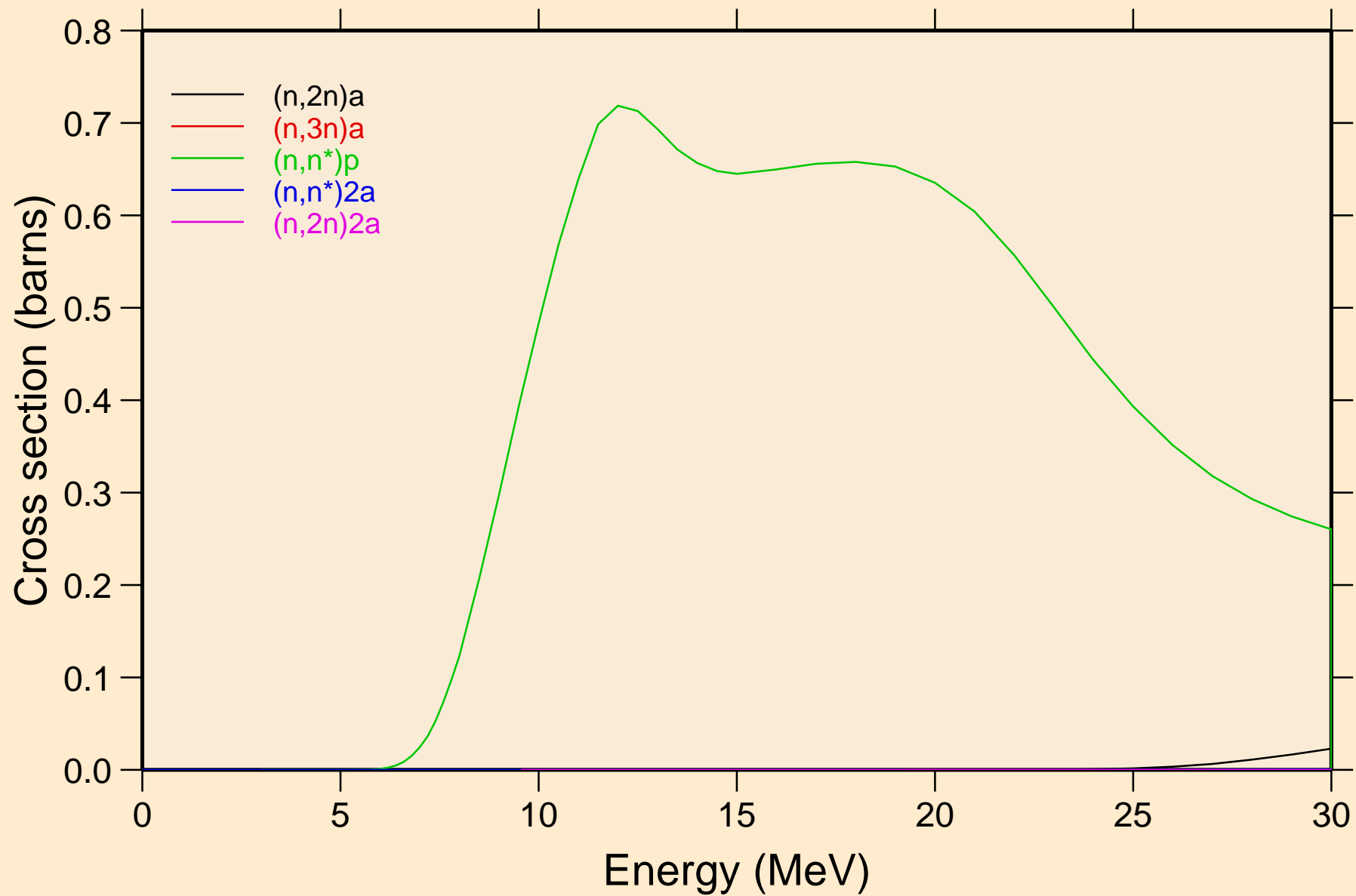
# CS123 NRG TENDL-2015, AKONING

## Threshold reactions



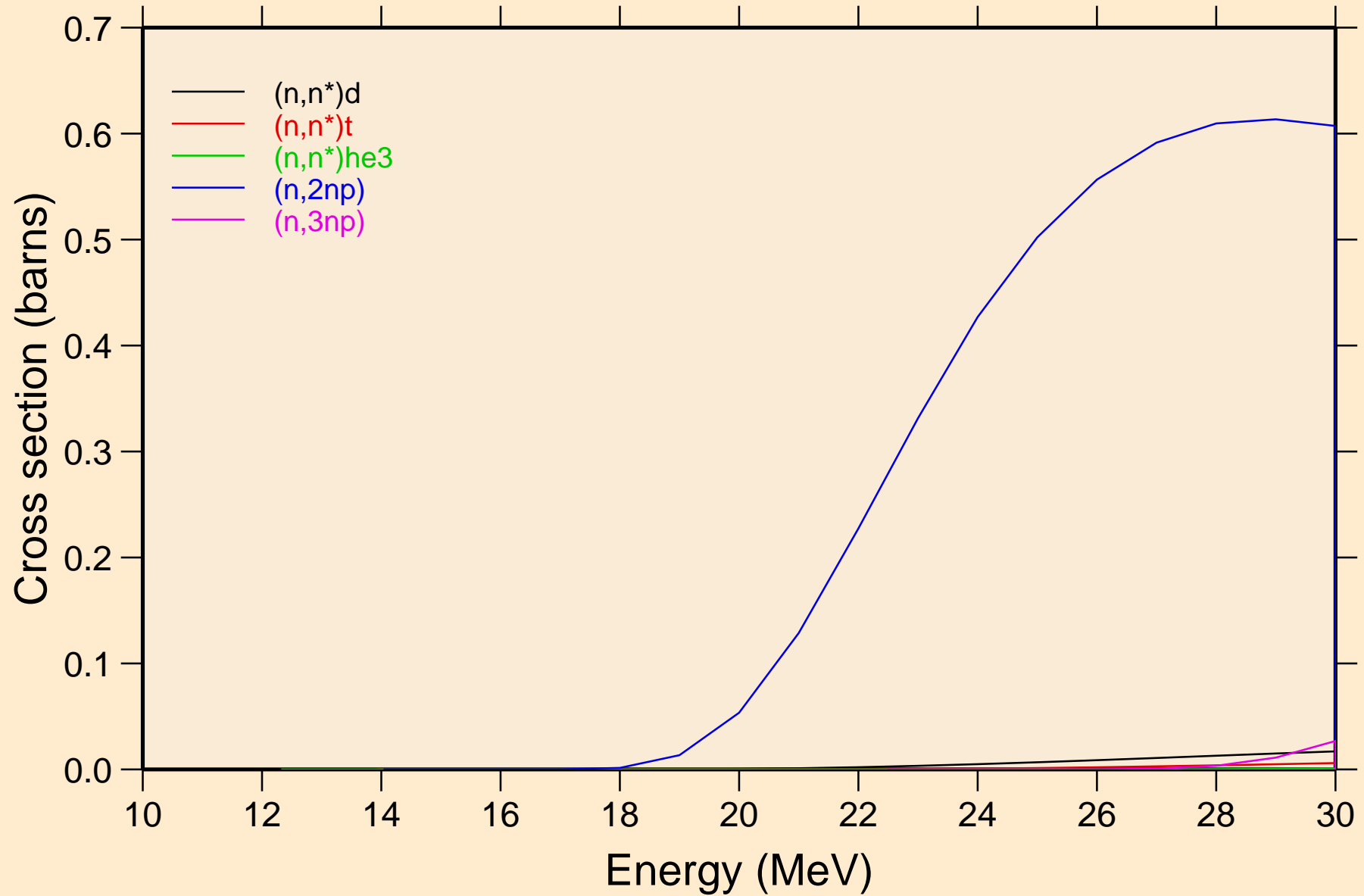
# CS123 NRG TENDL-2015, AKONING

## Threshold reactions



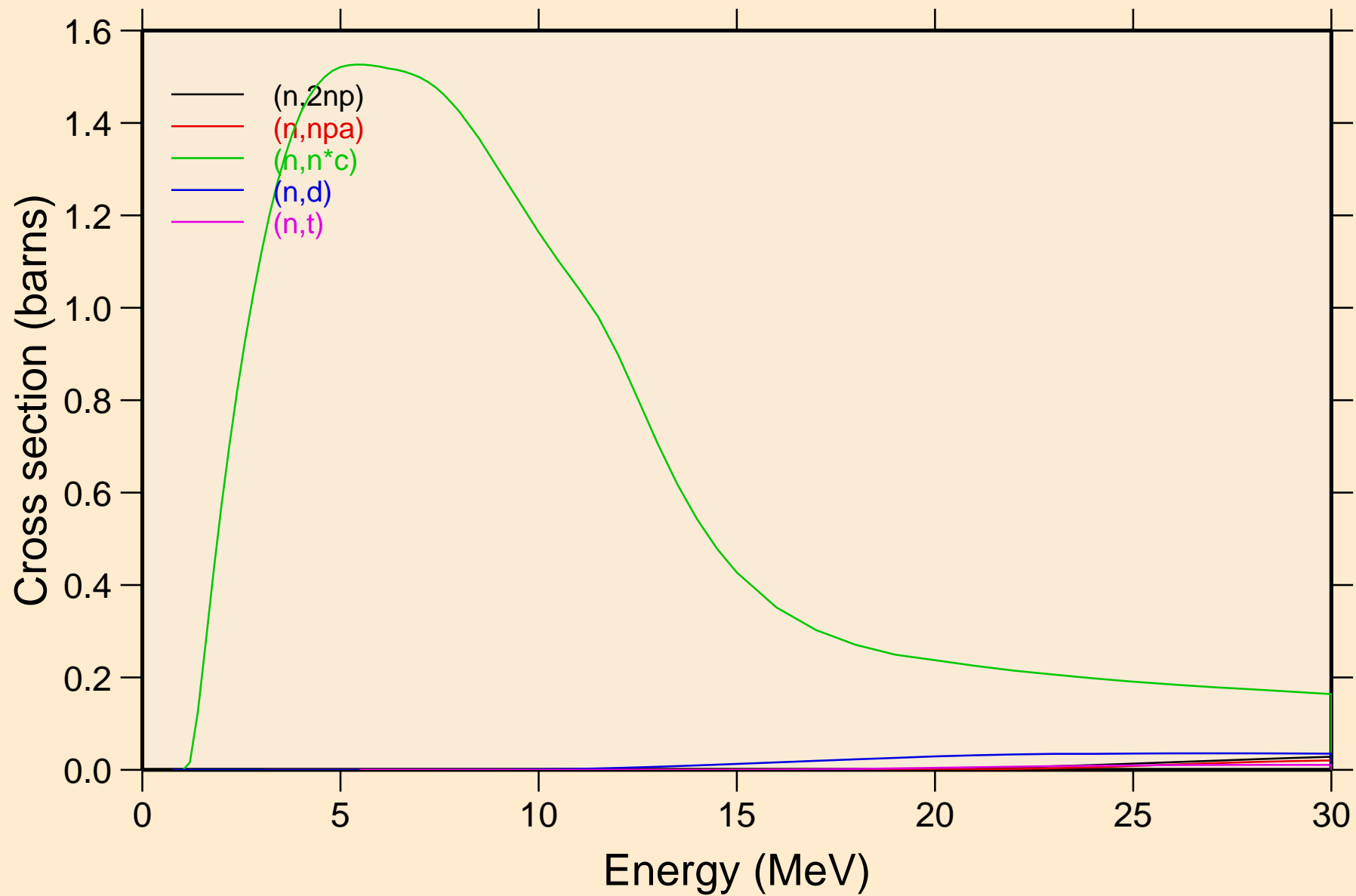
# CS123 NRG TENDL-2015, AKONING

## Threshold reactions



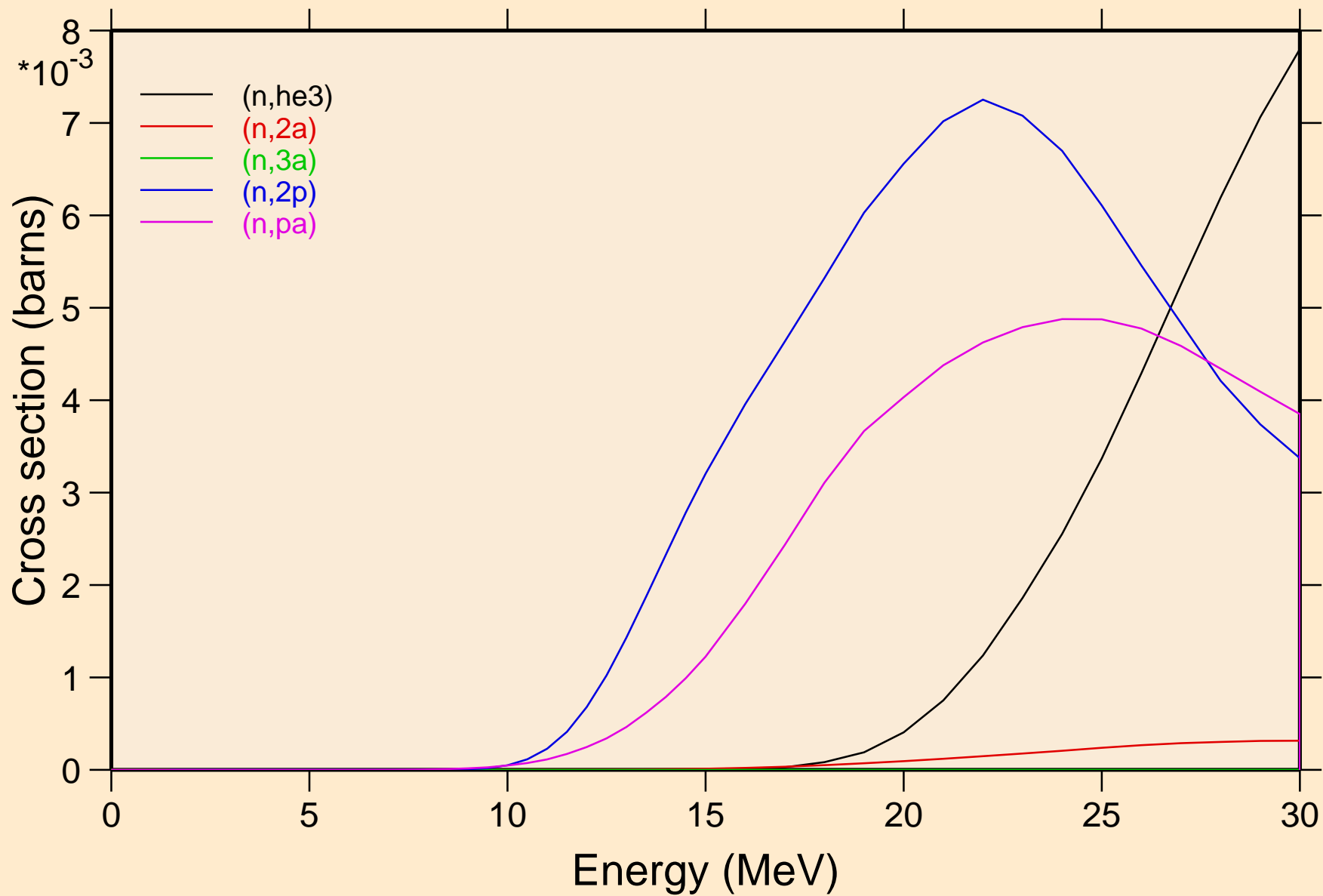
# CS123 NRG TENDL-2015, AKONING

## Threshold reactions



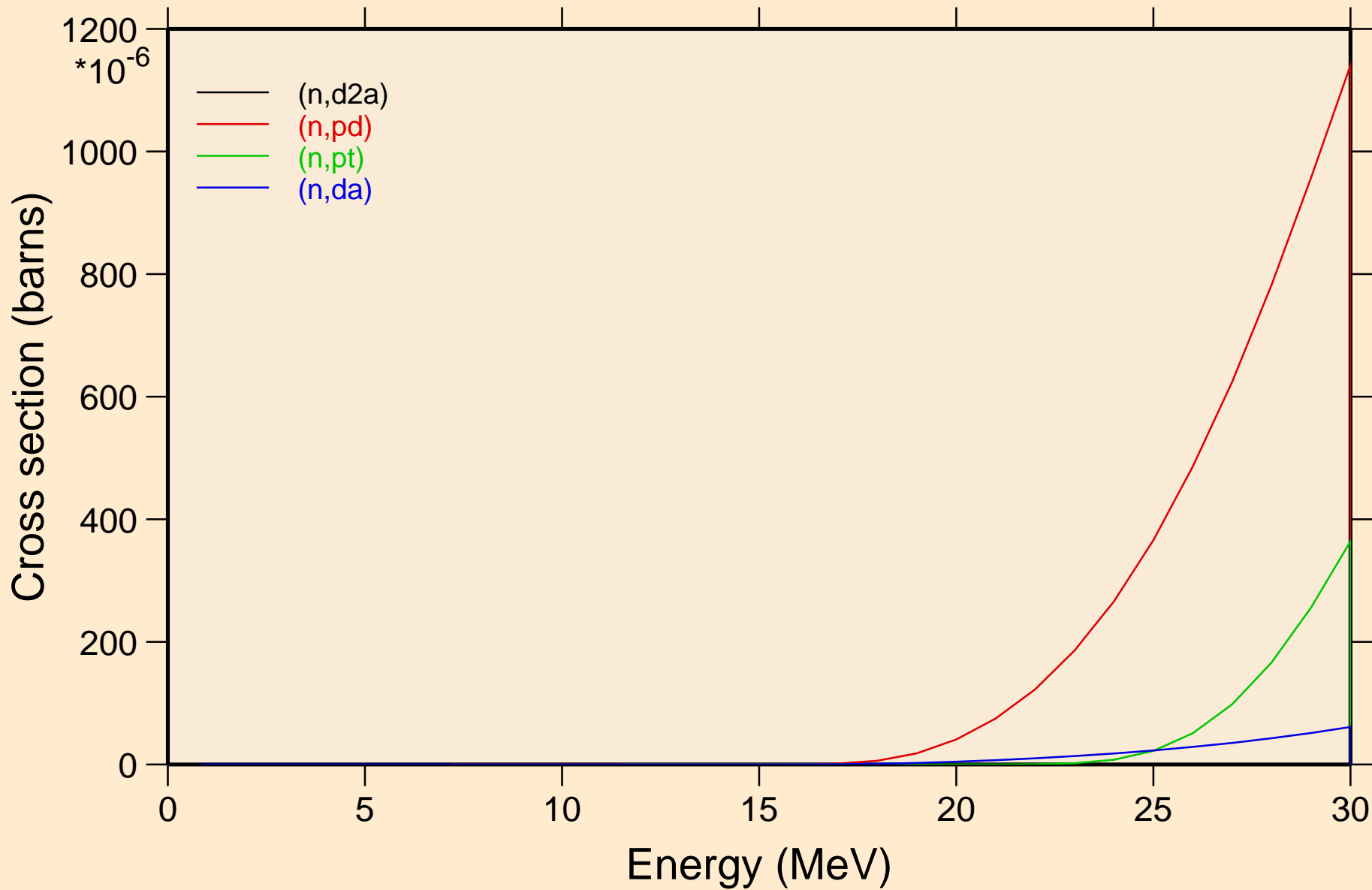
# CS123 NRG TENDL-2015, AKONING

## Threshold reactions



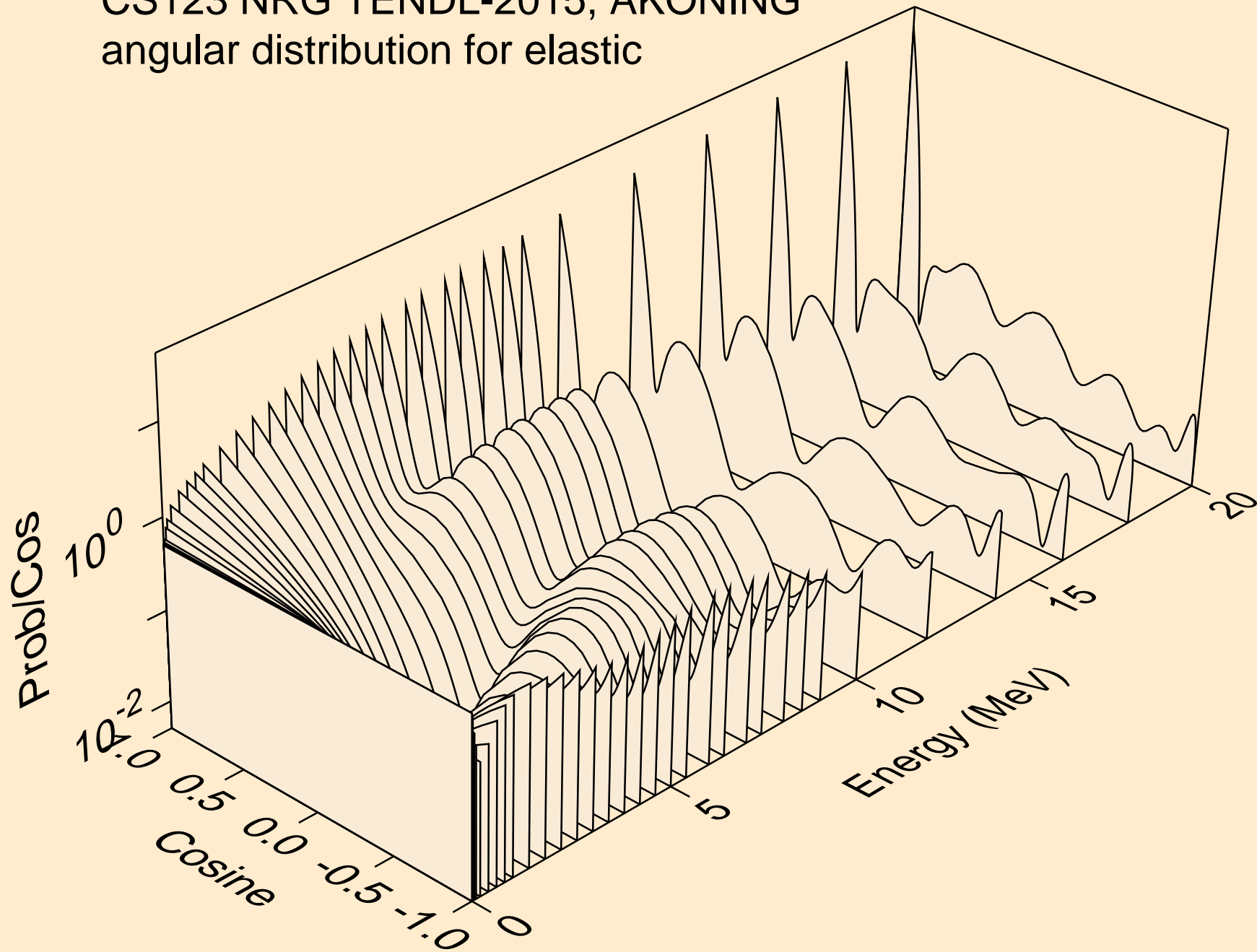
# CS123 NRG TENDL-2015, AKONING

## Threshold reactions

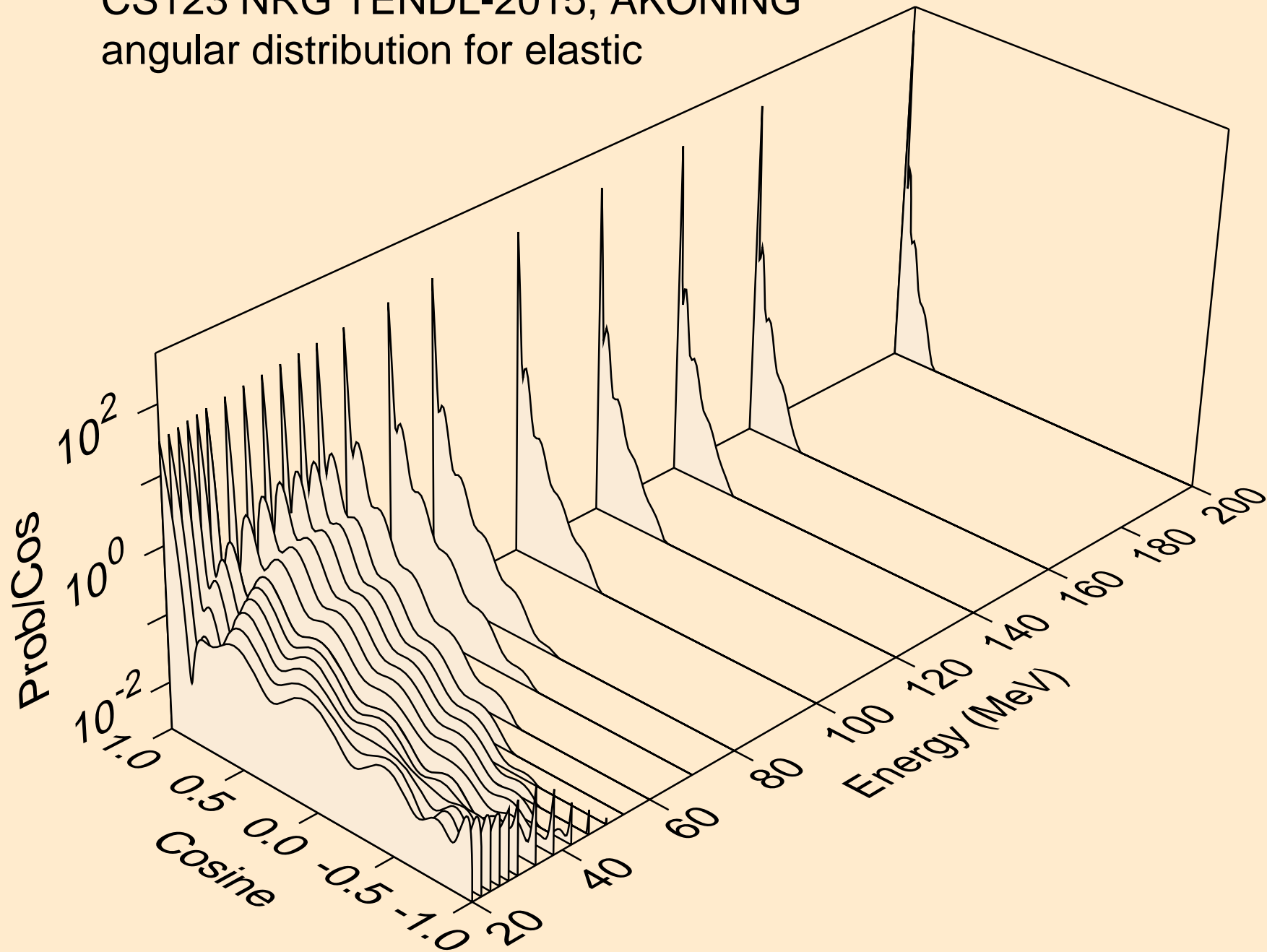




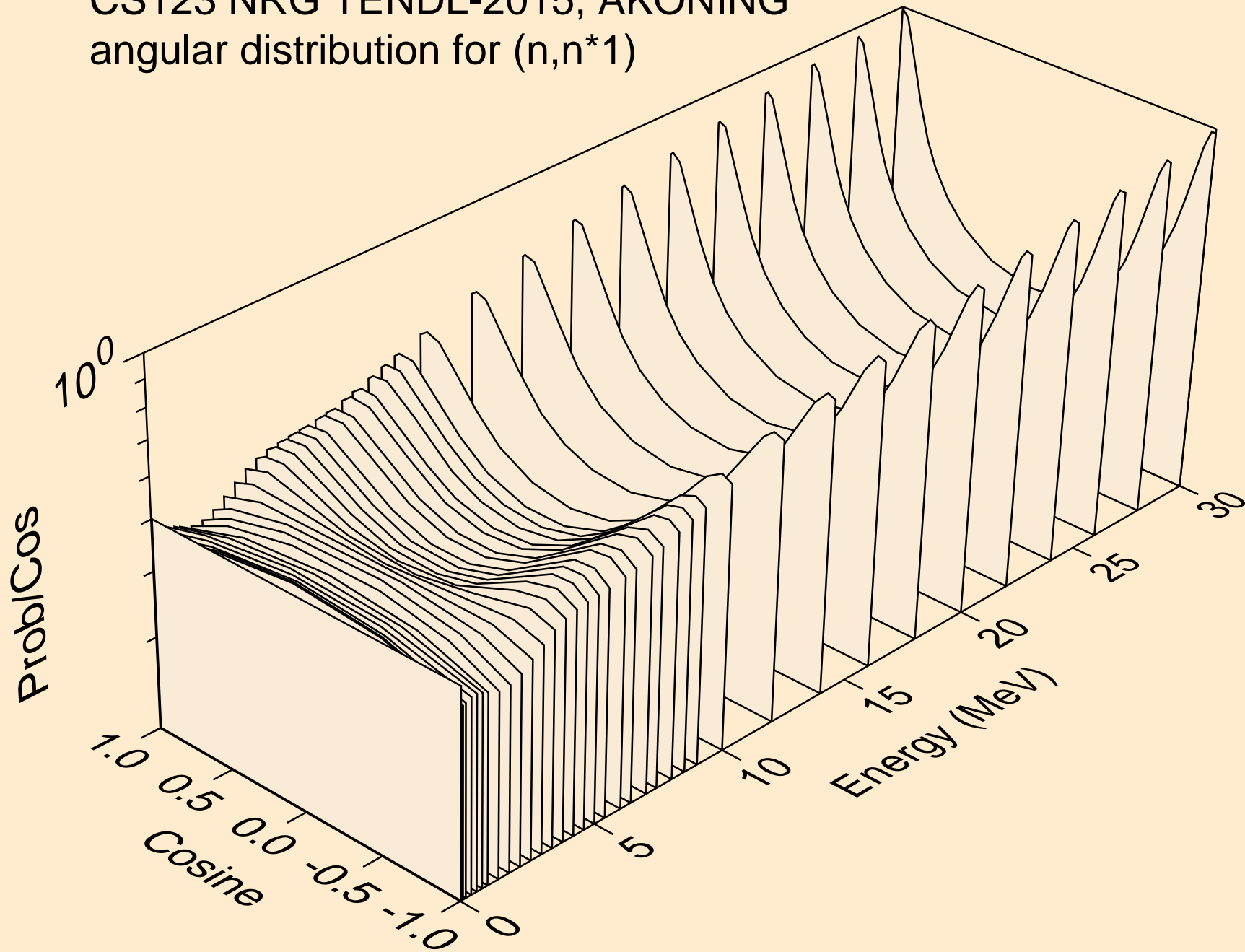
CS123 NRG TENDL-2015, AKONING  
angular distribution for elastic



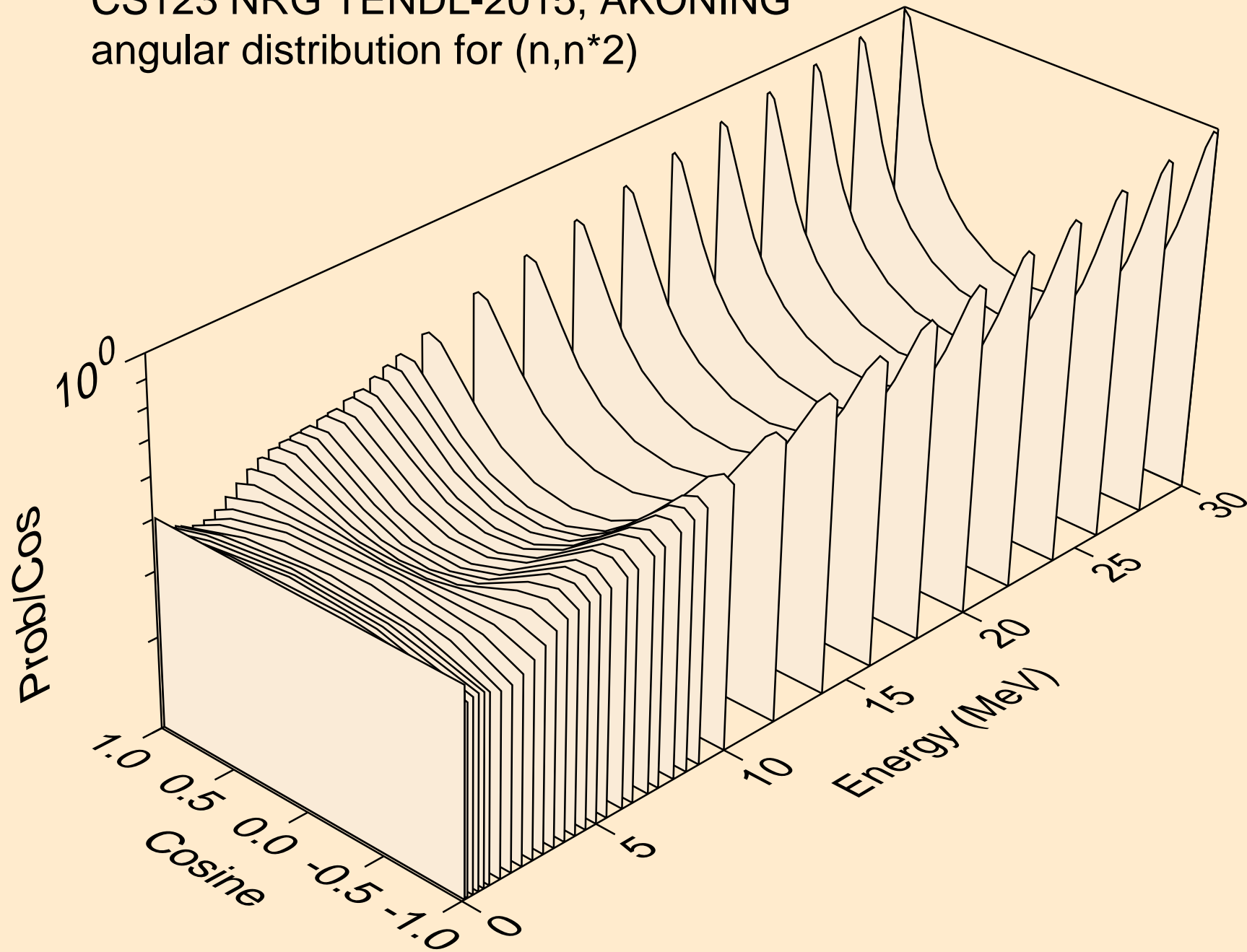
CS123 NRG TENDL-2015, AKONING  
angular distribution for elastic



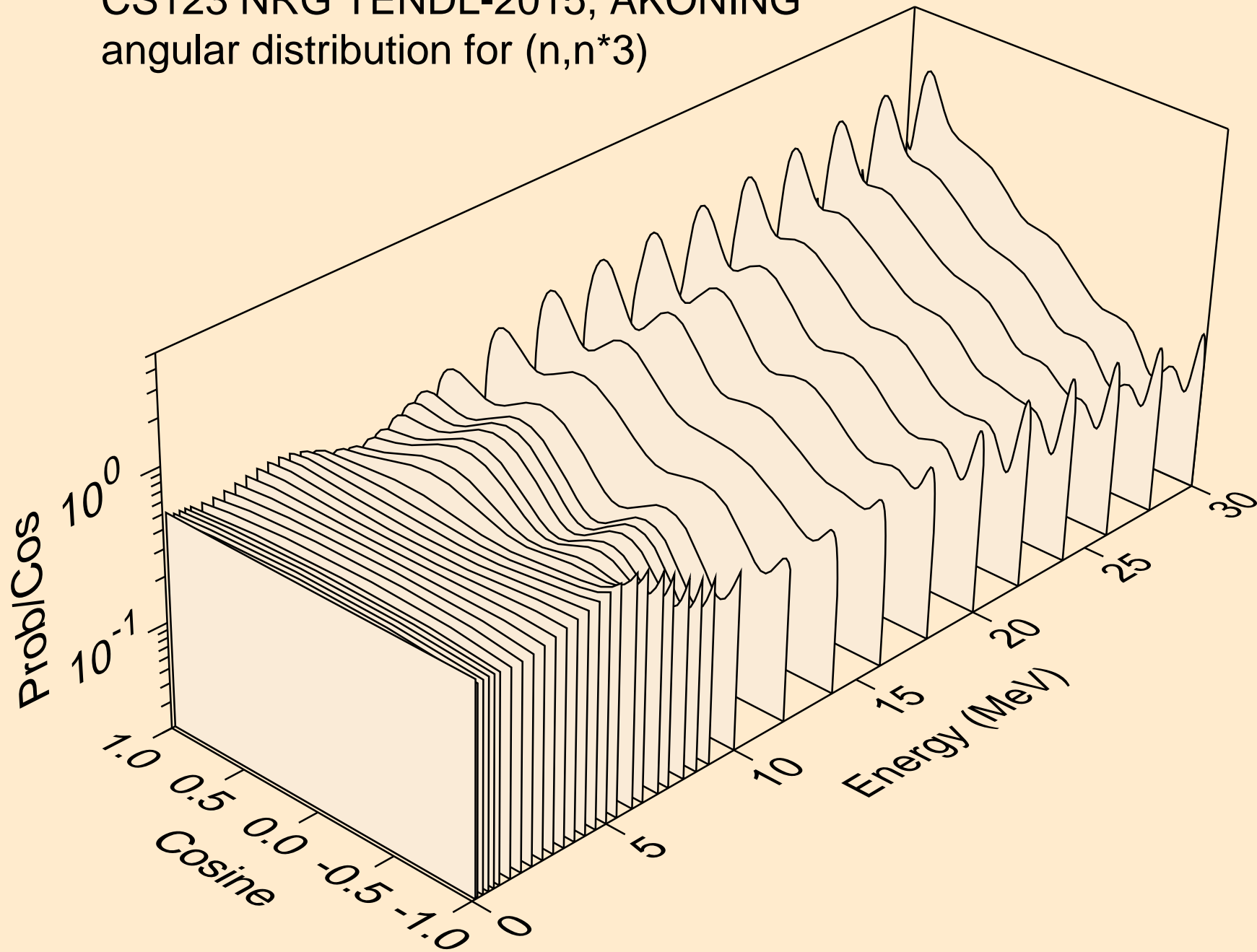
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



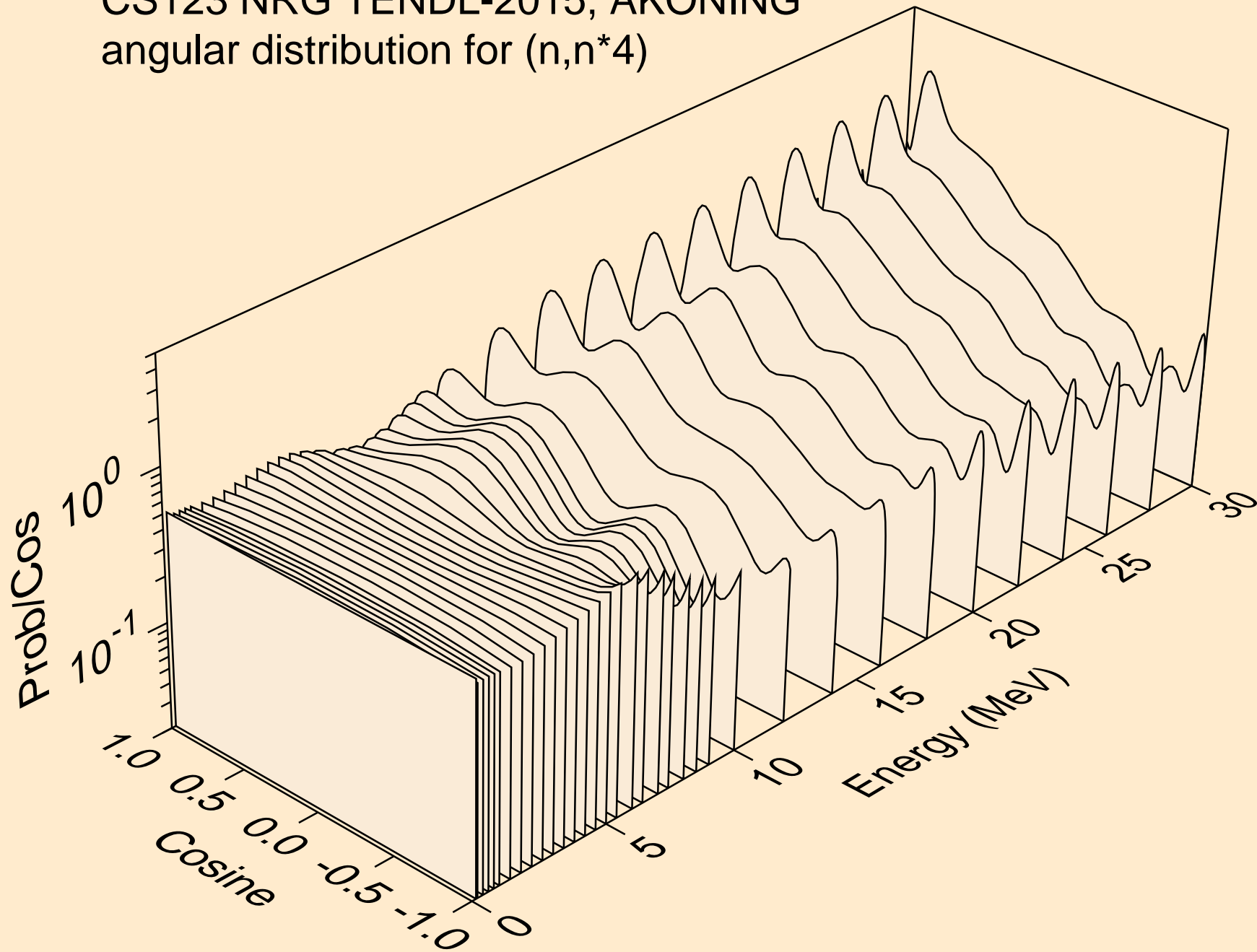
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



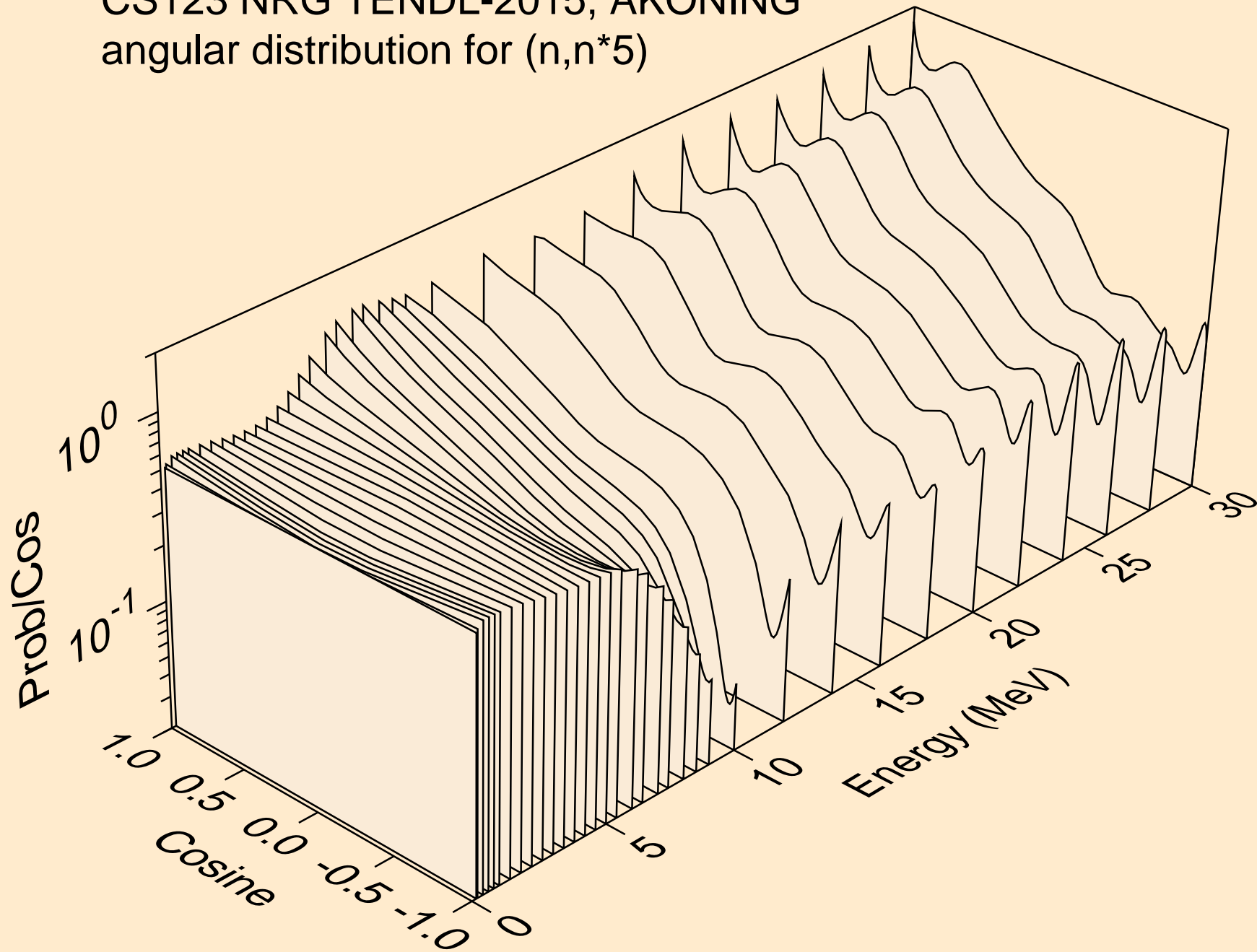
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



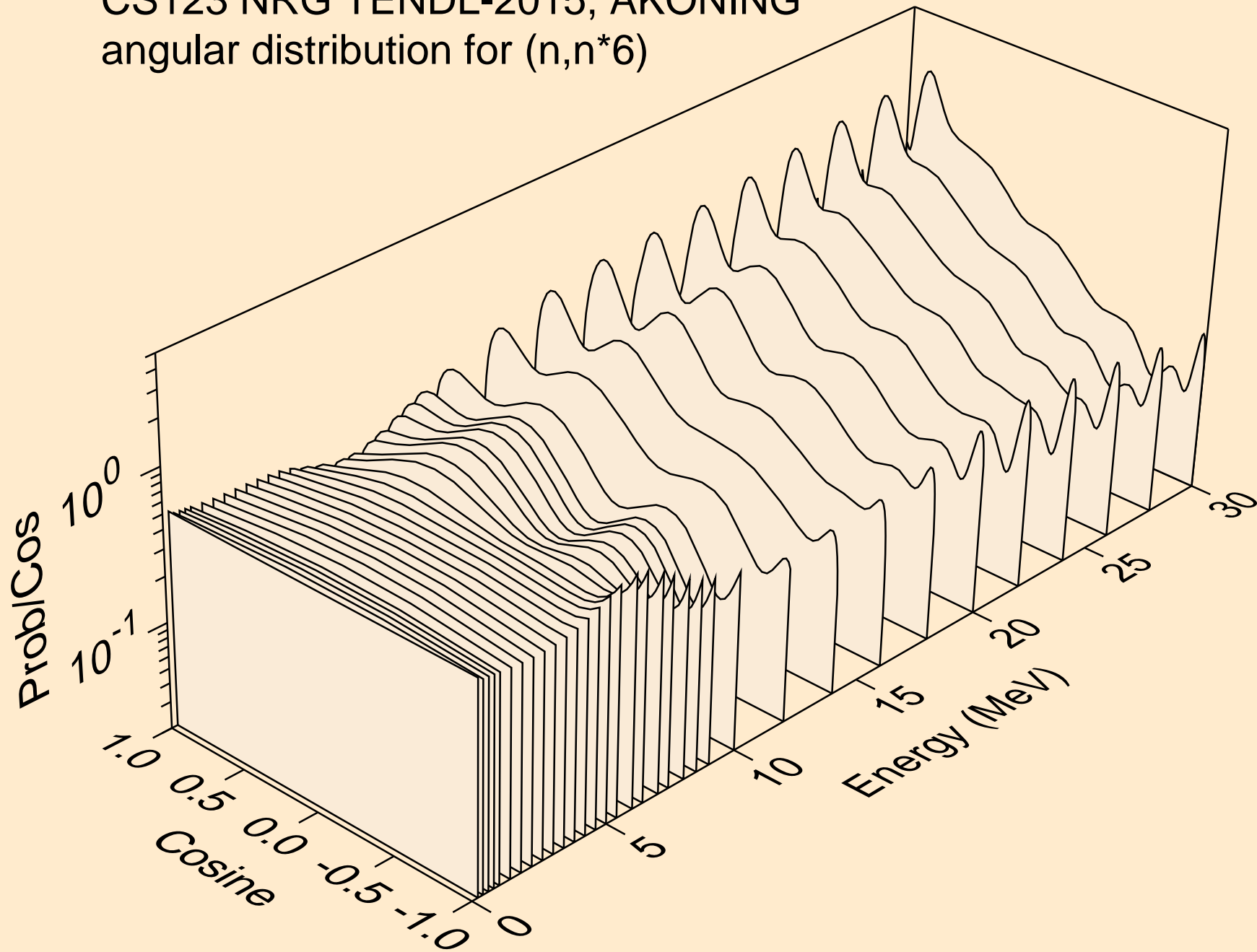
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

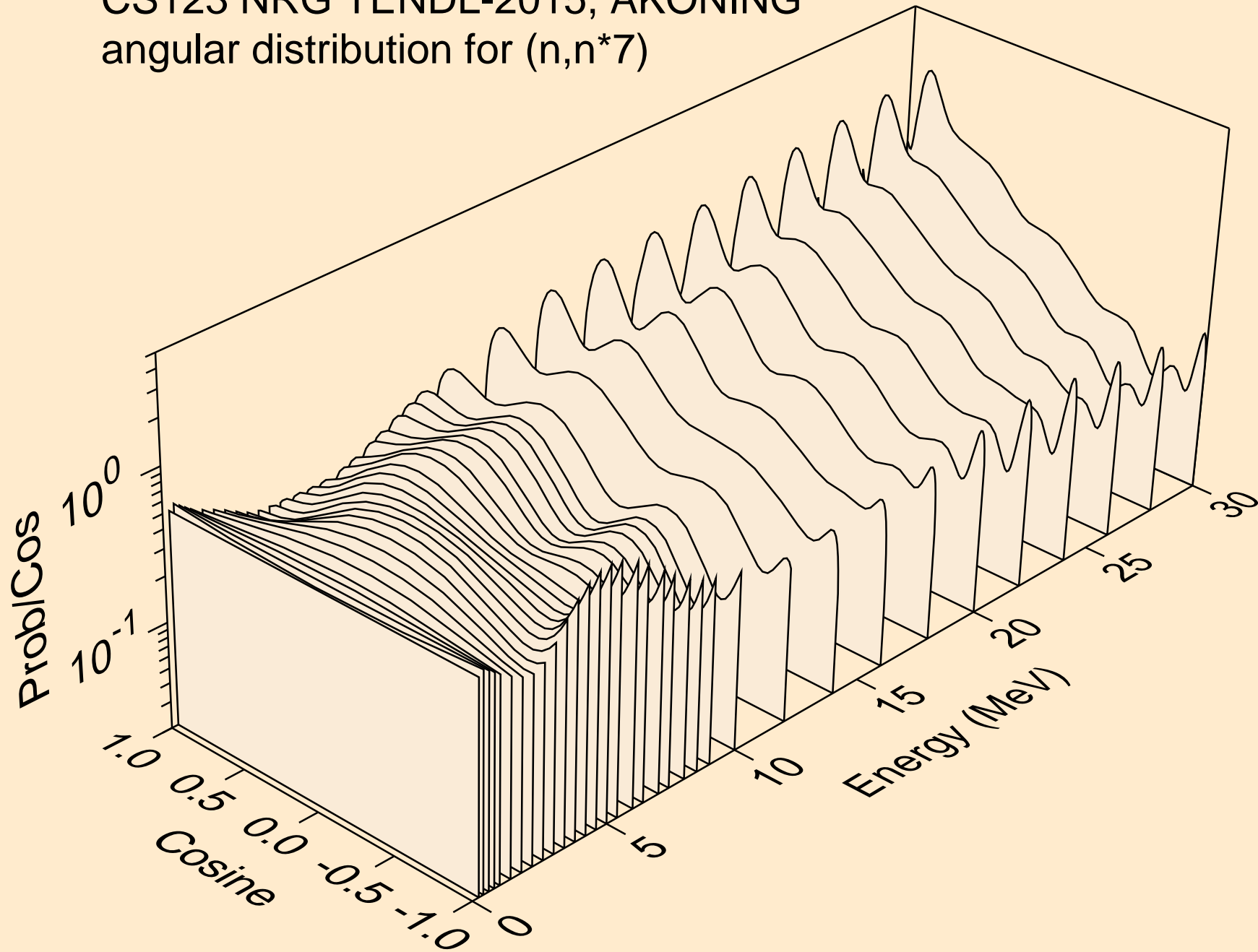


CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

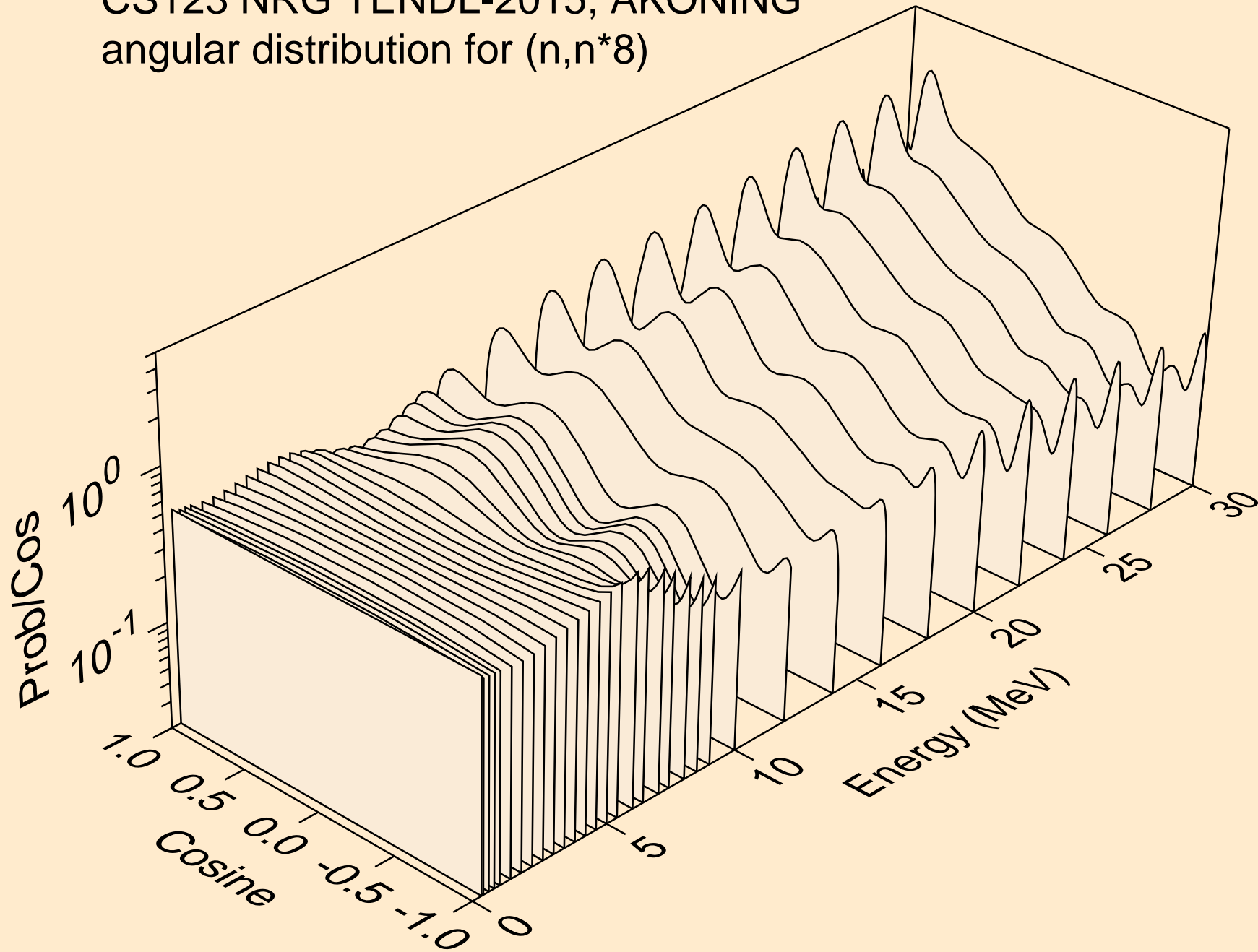




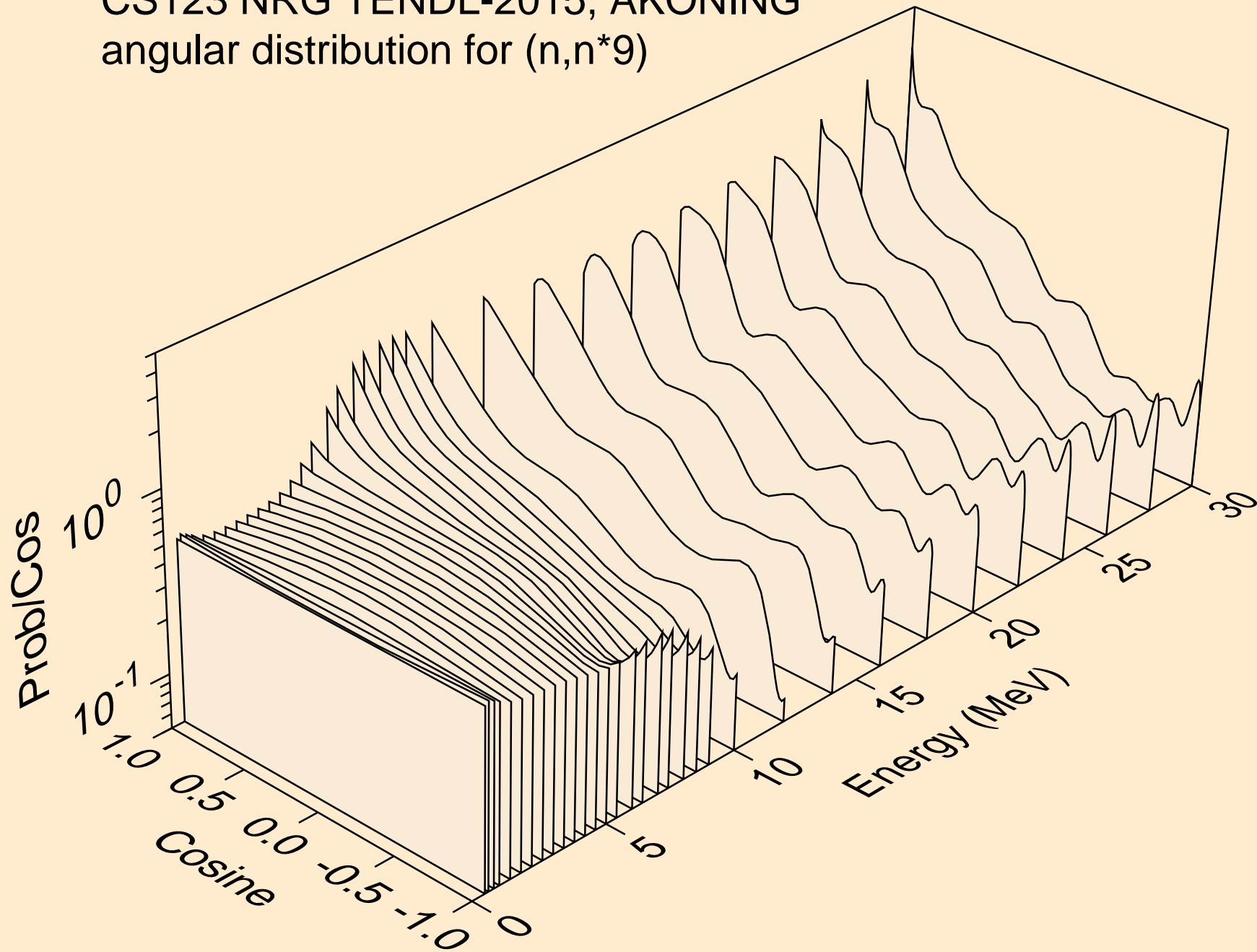
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



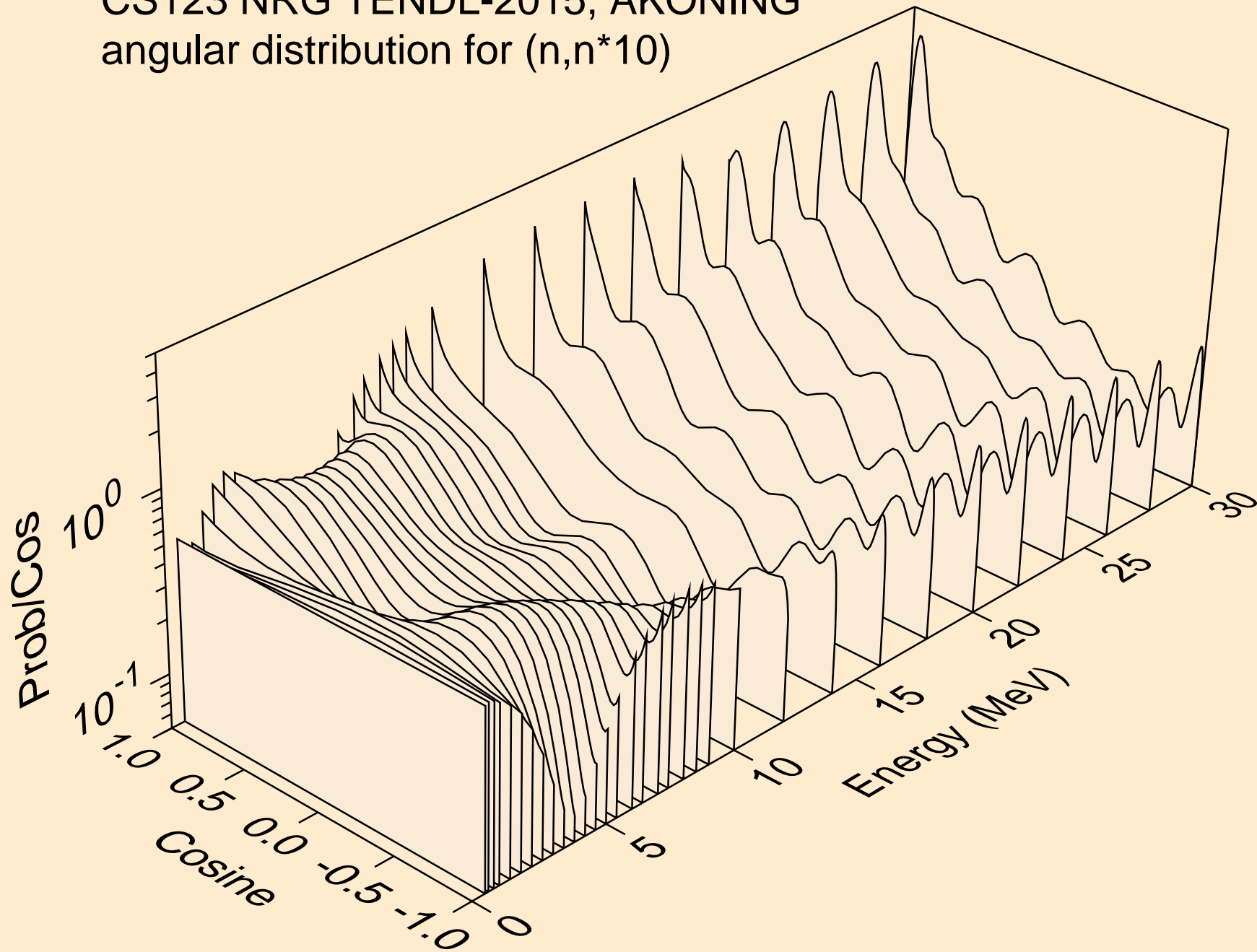
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



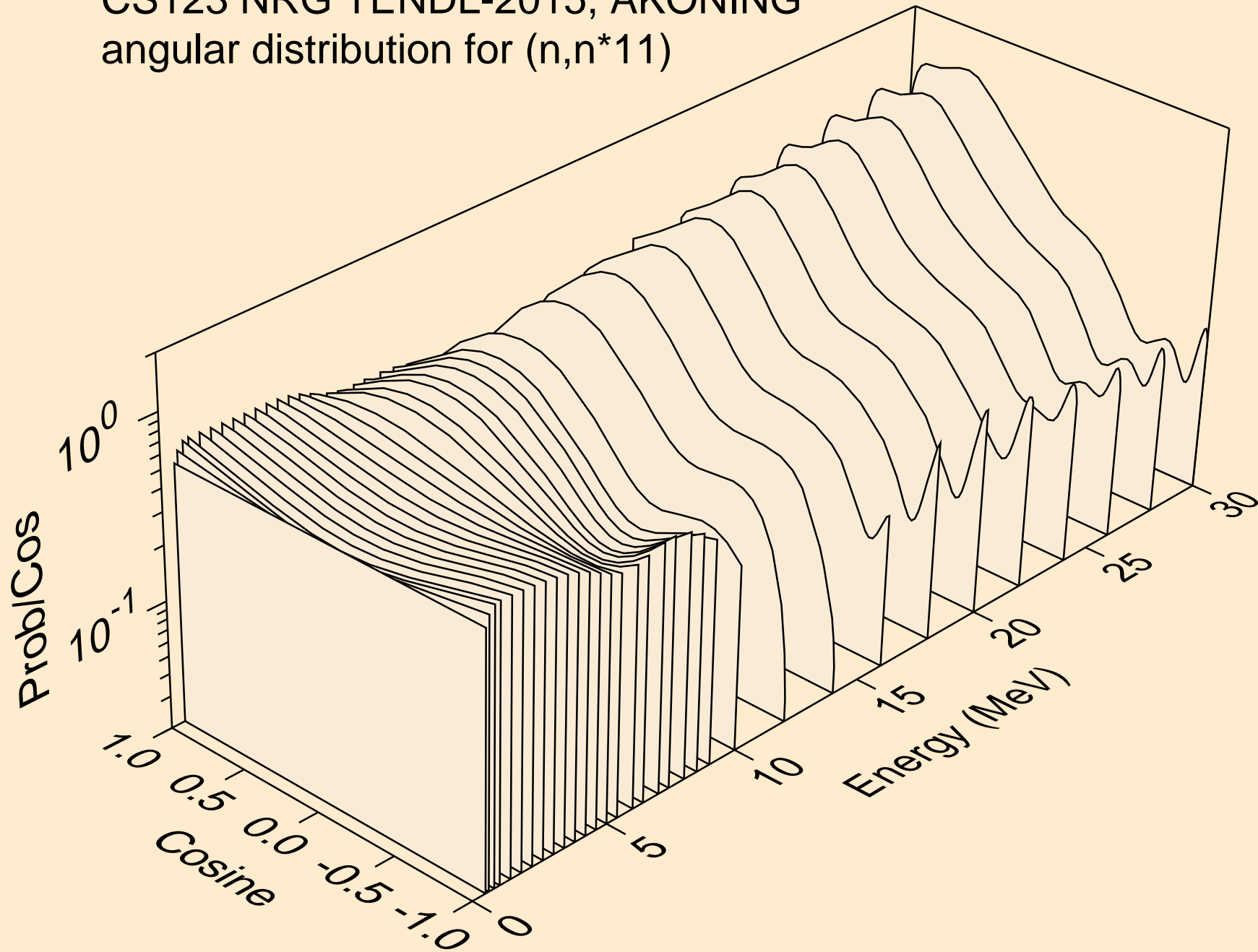
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



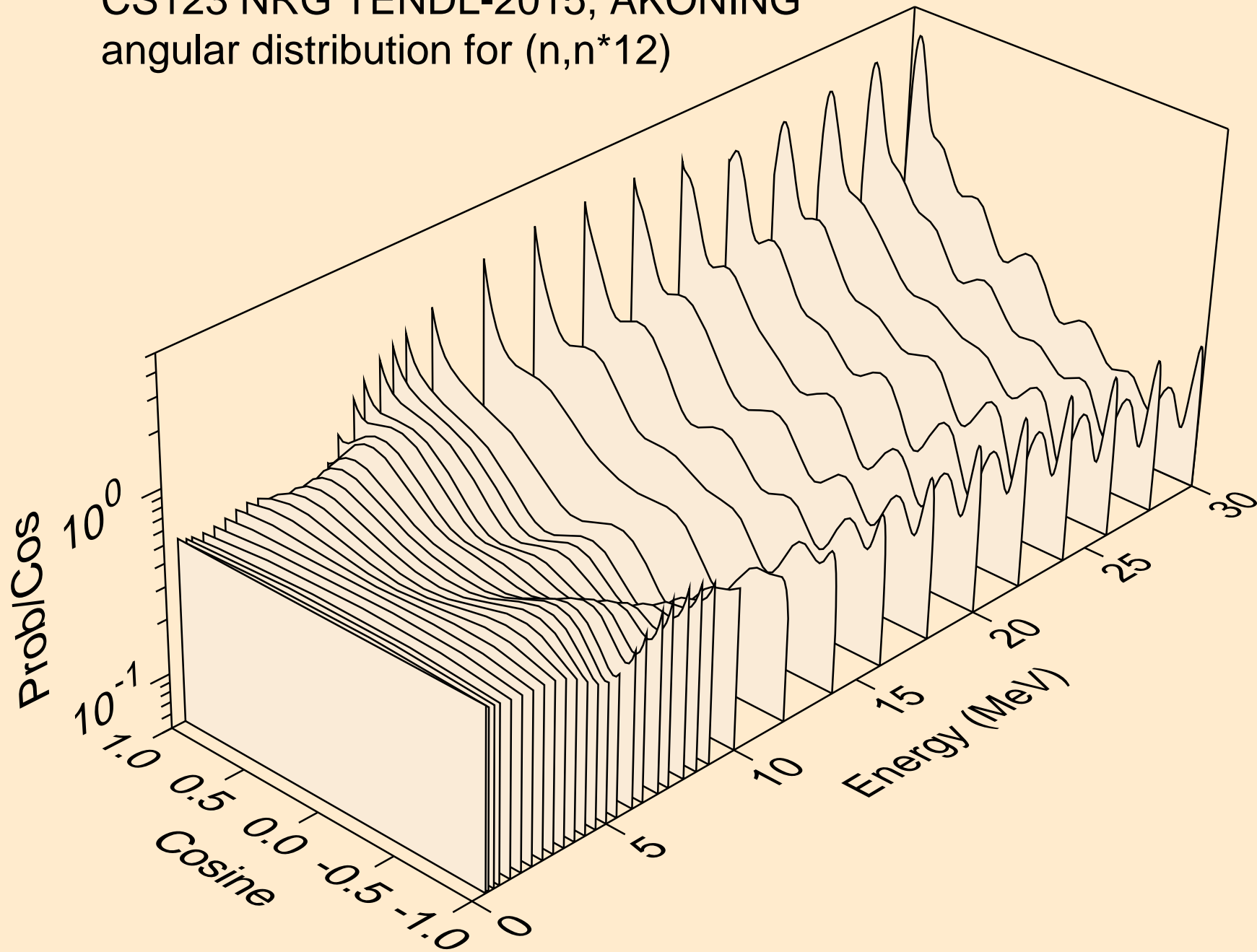
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



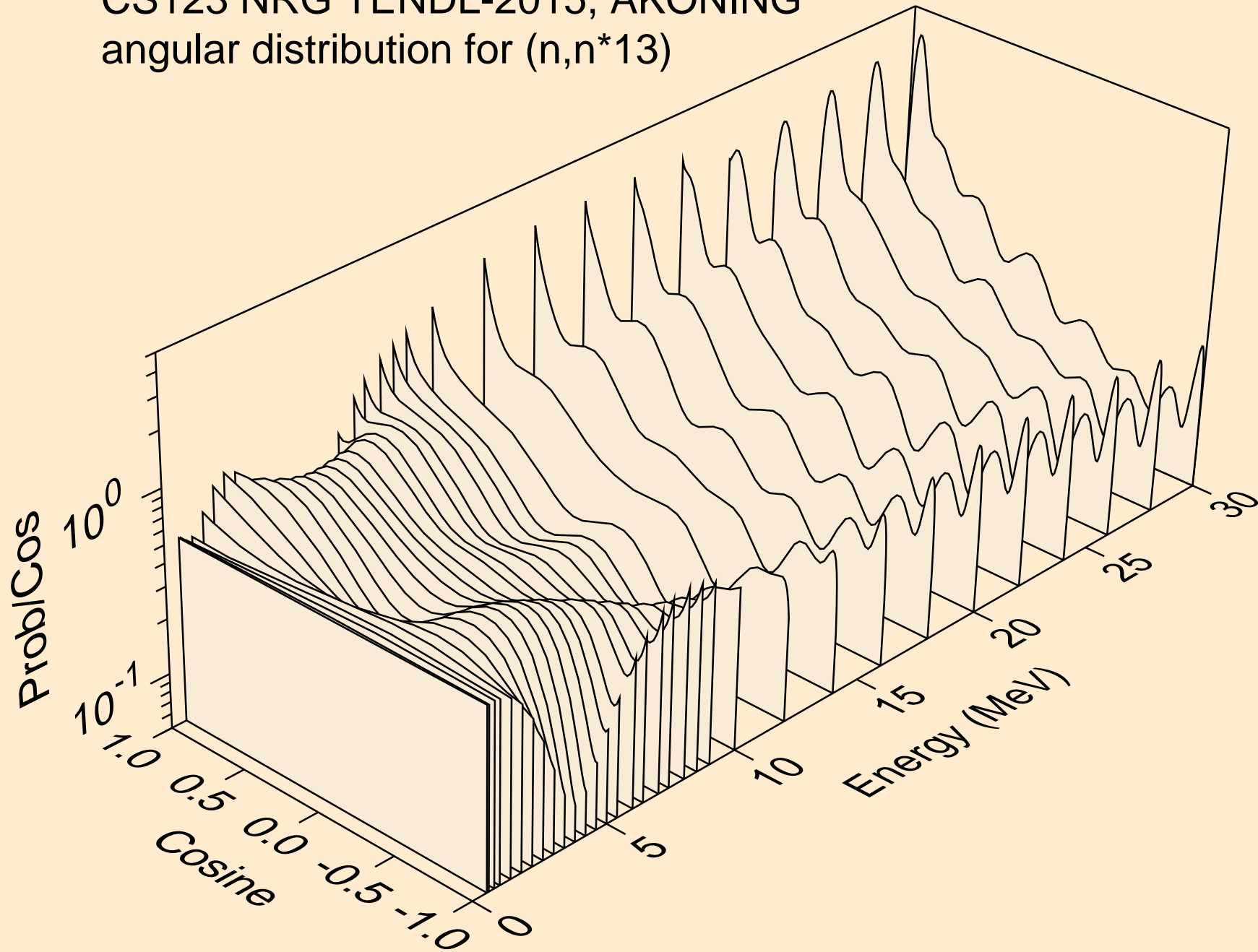
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



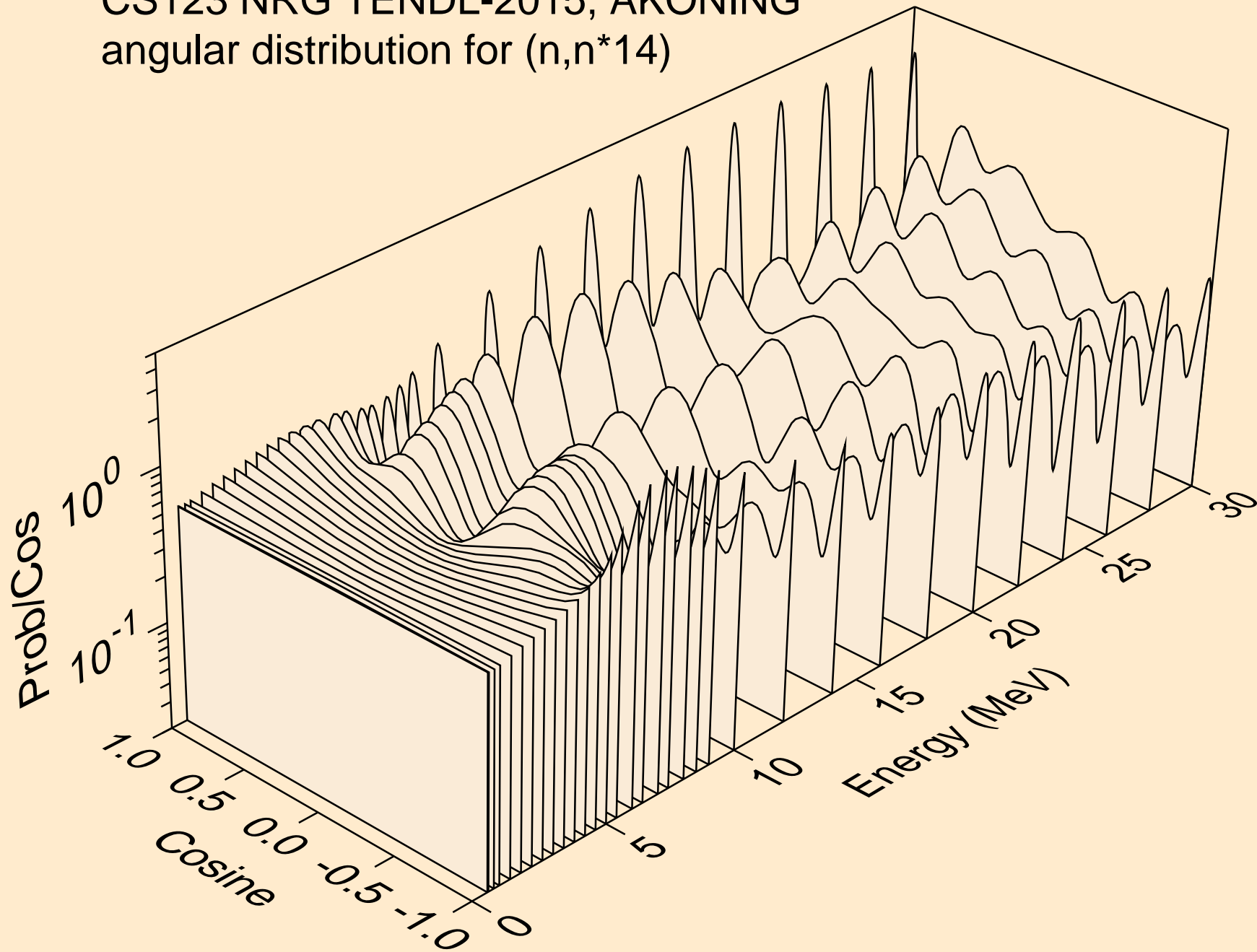
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

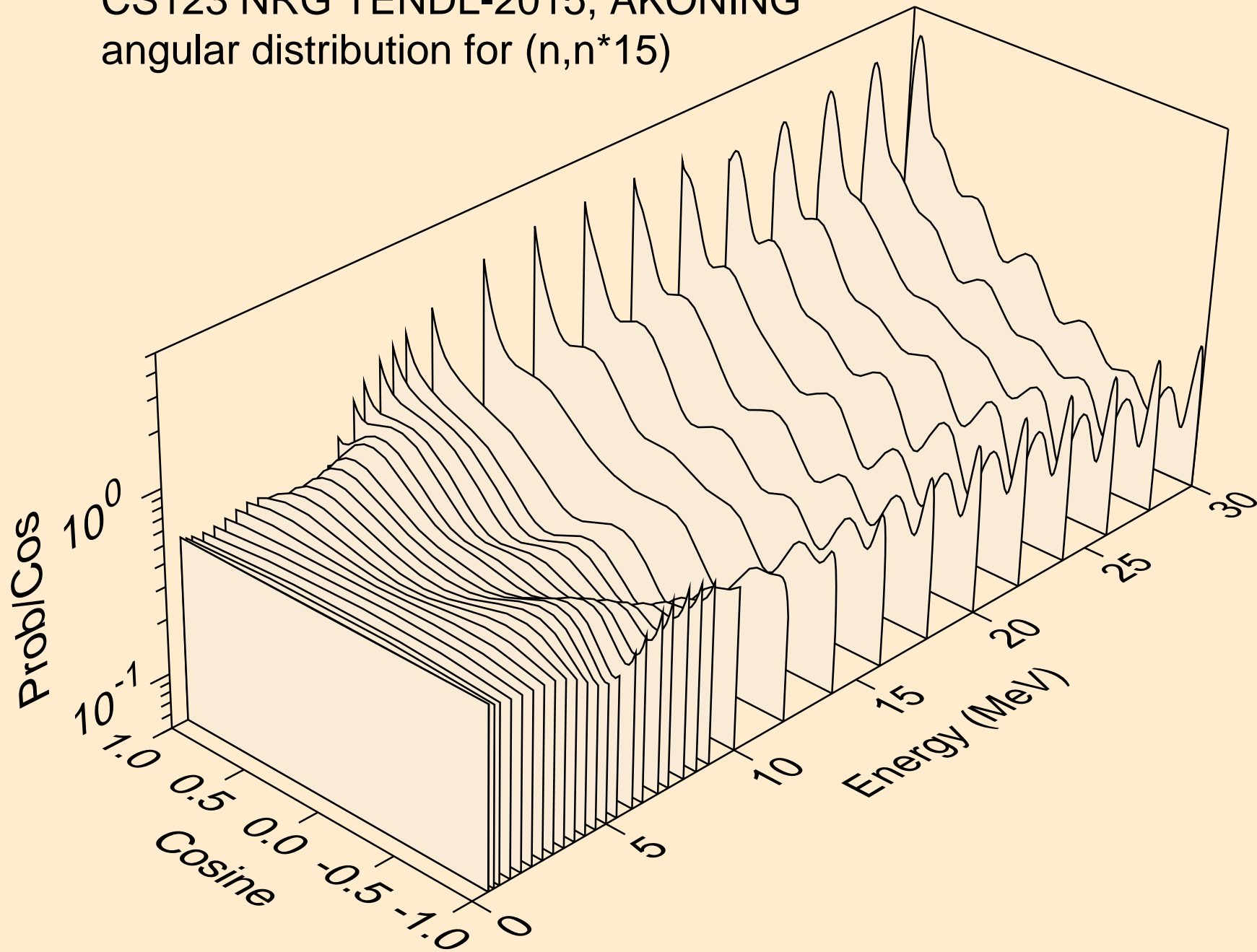


CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

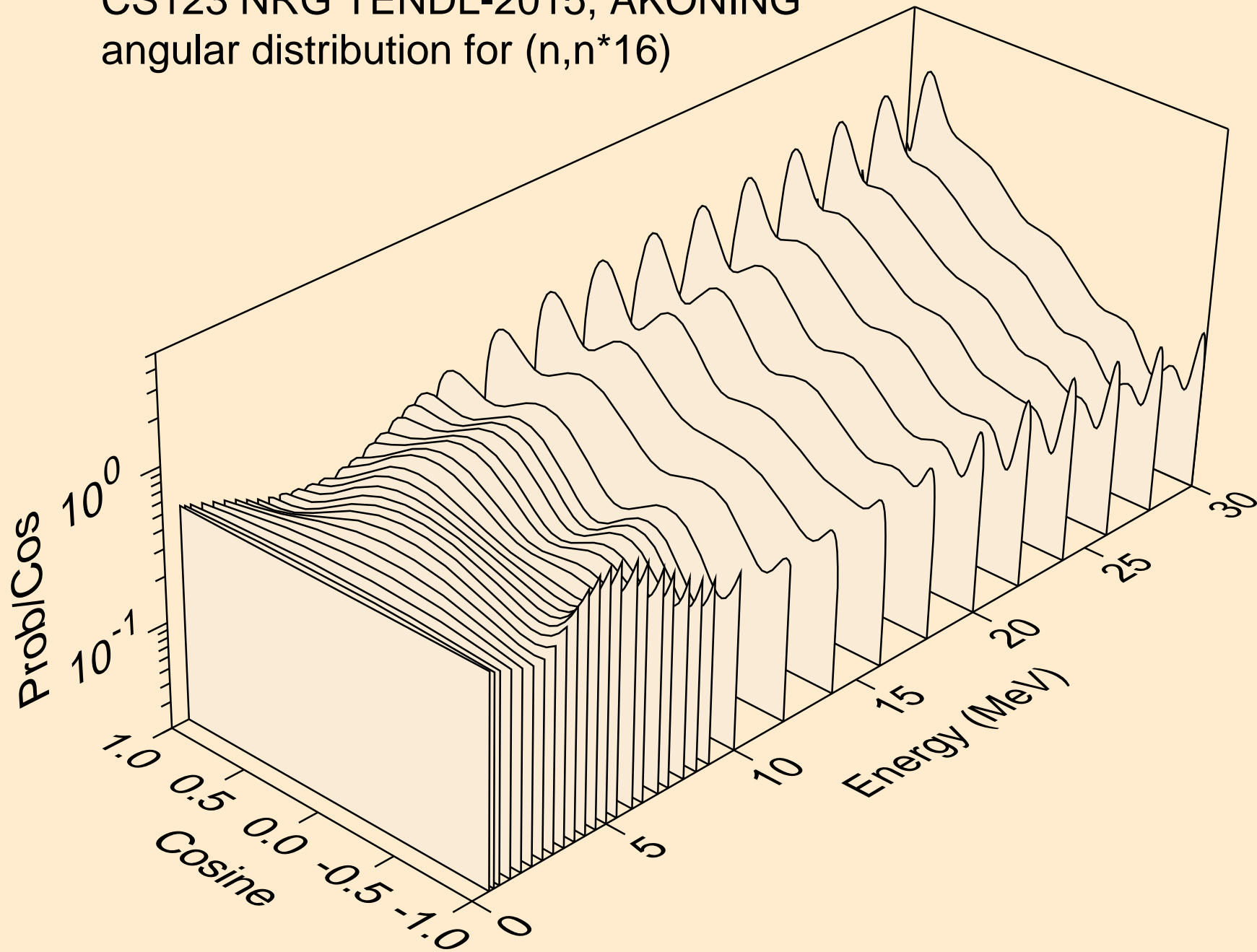




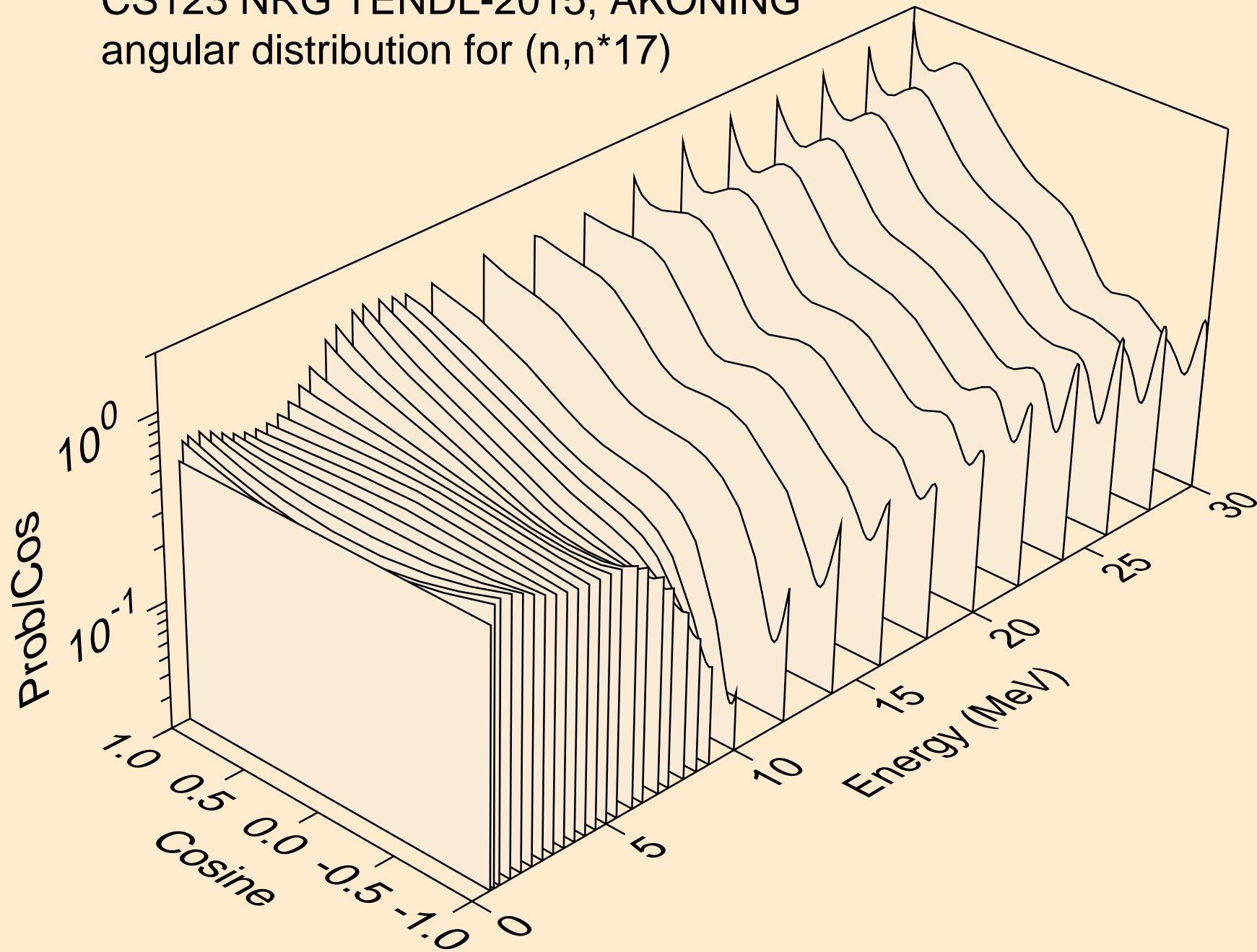
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



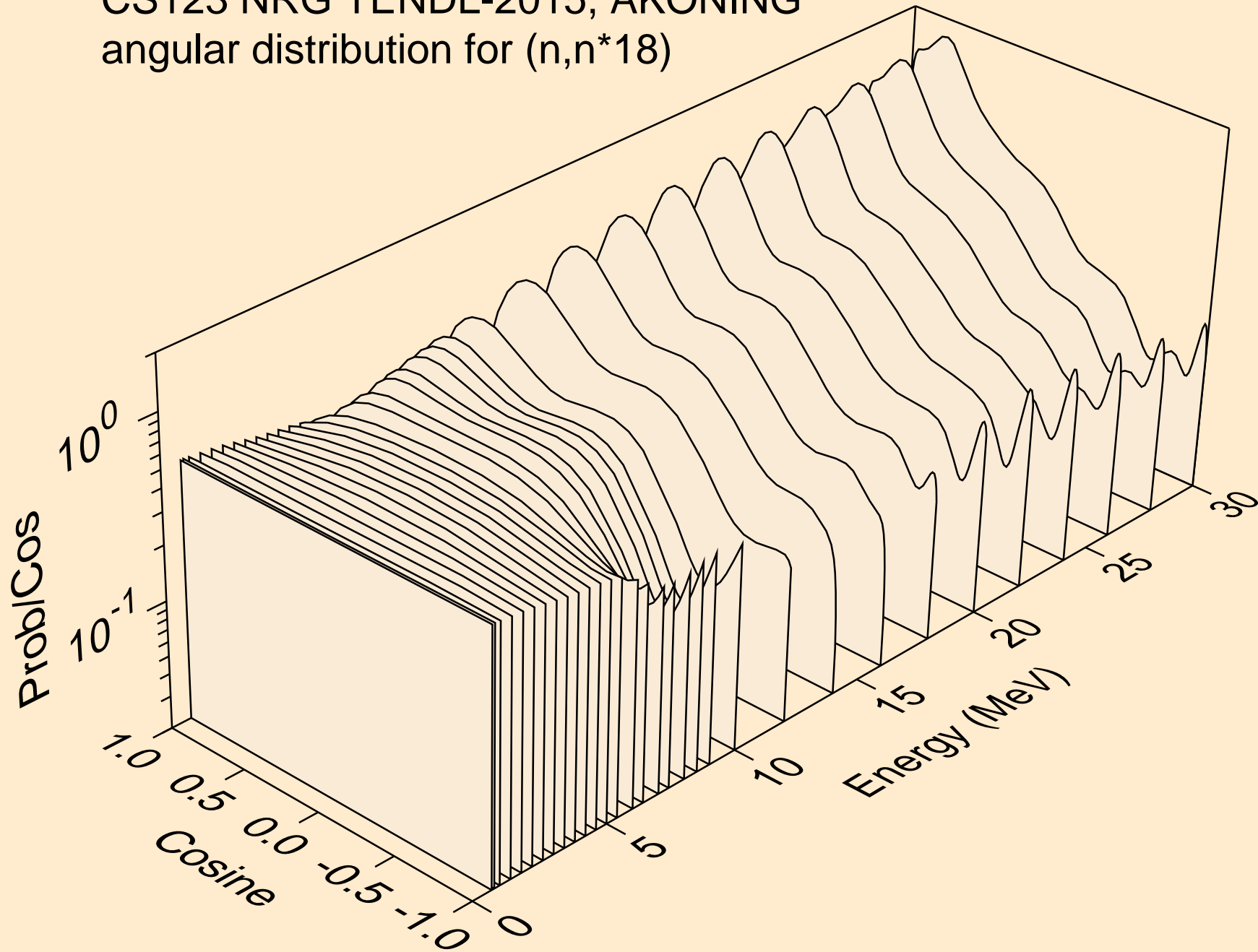
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



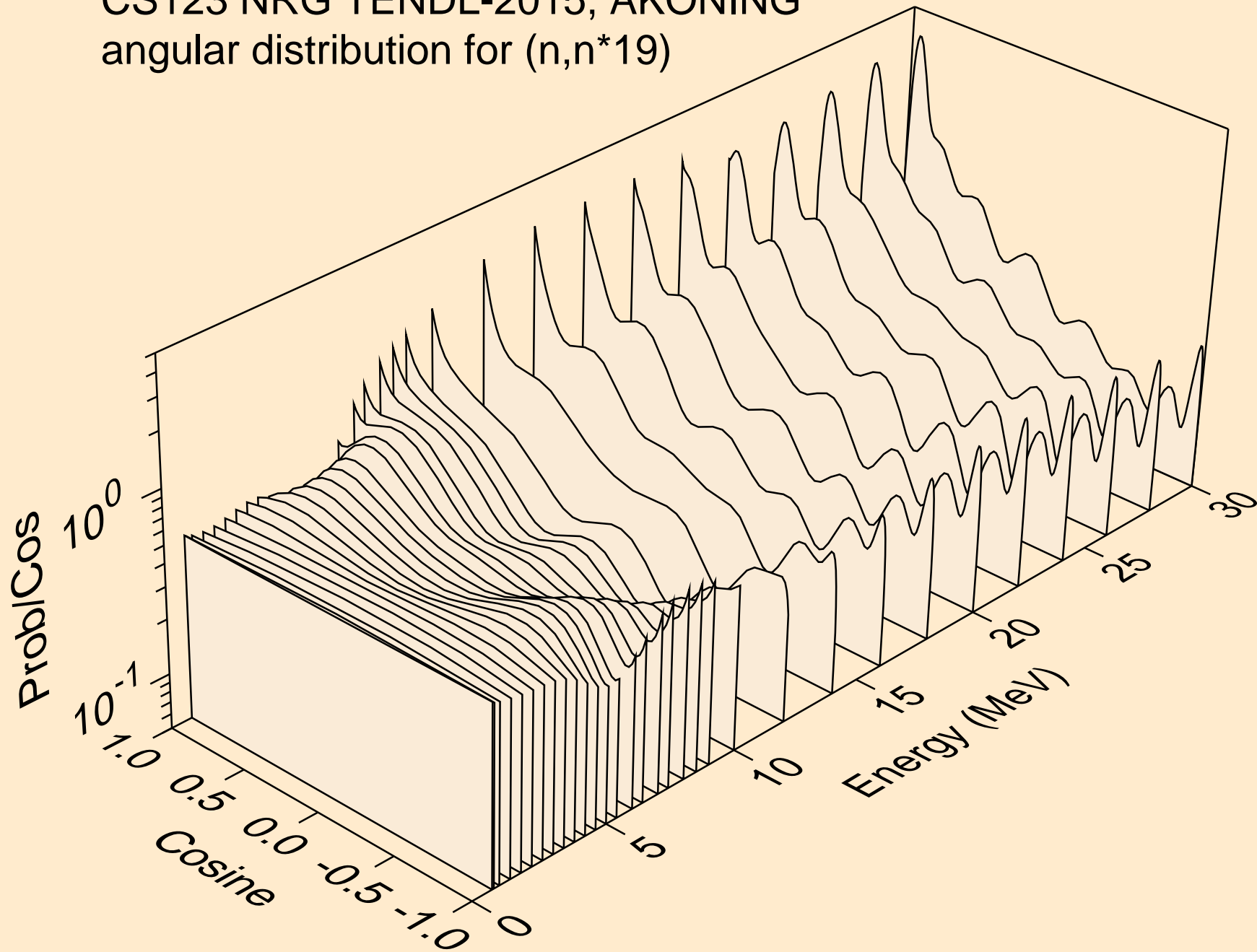
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



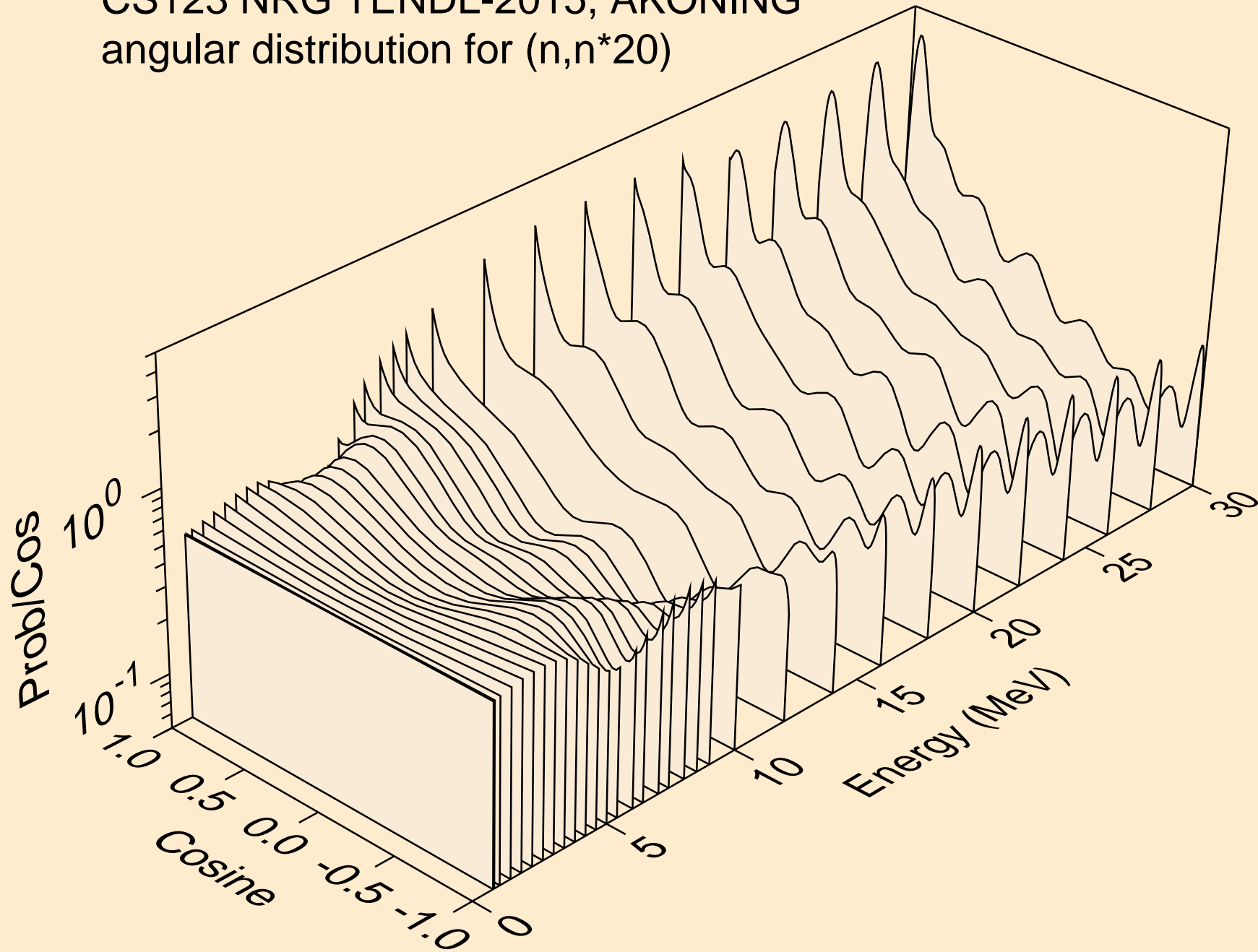
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



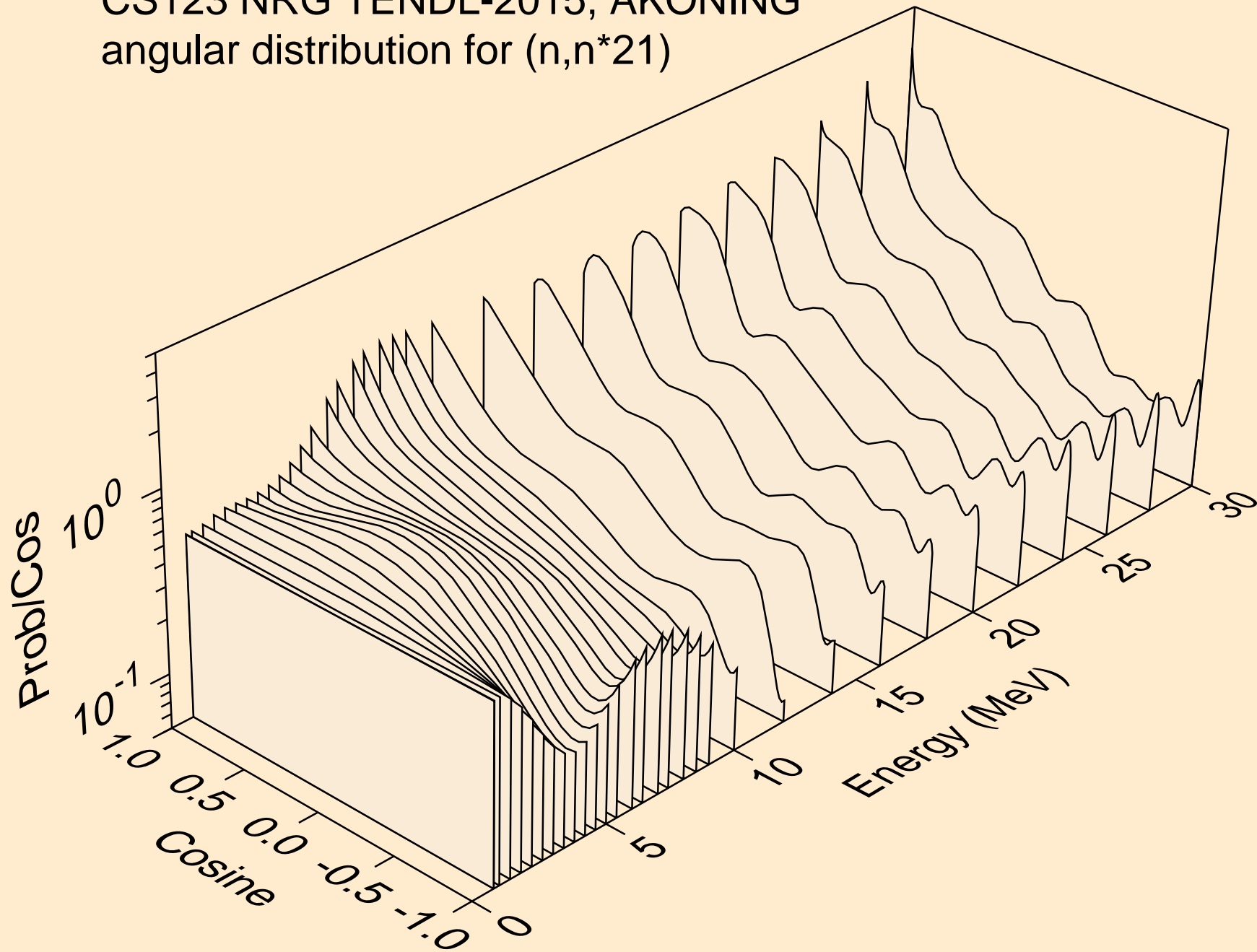
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



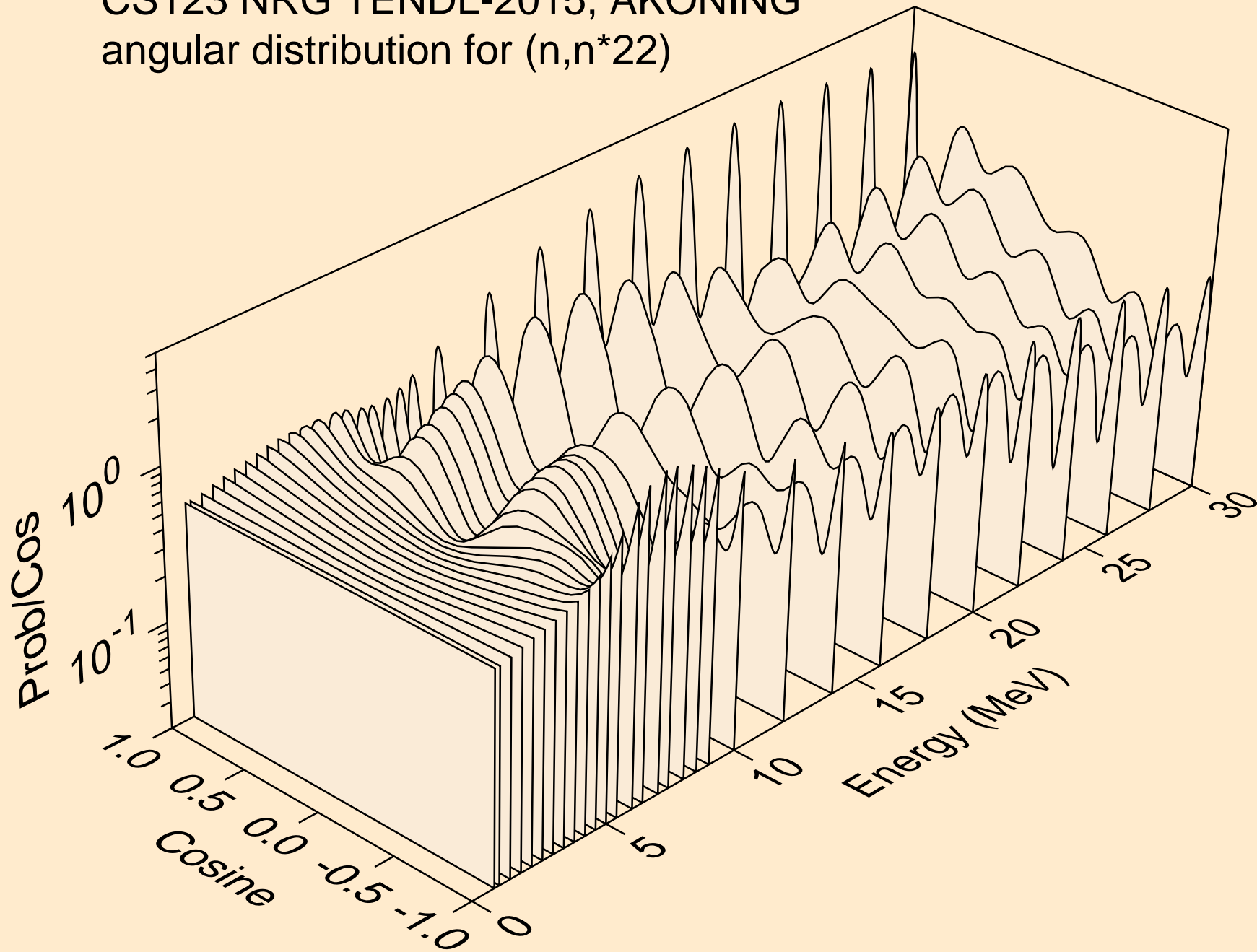
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

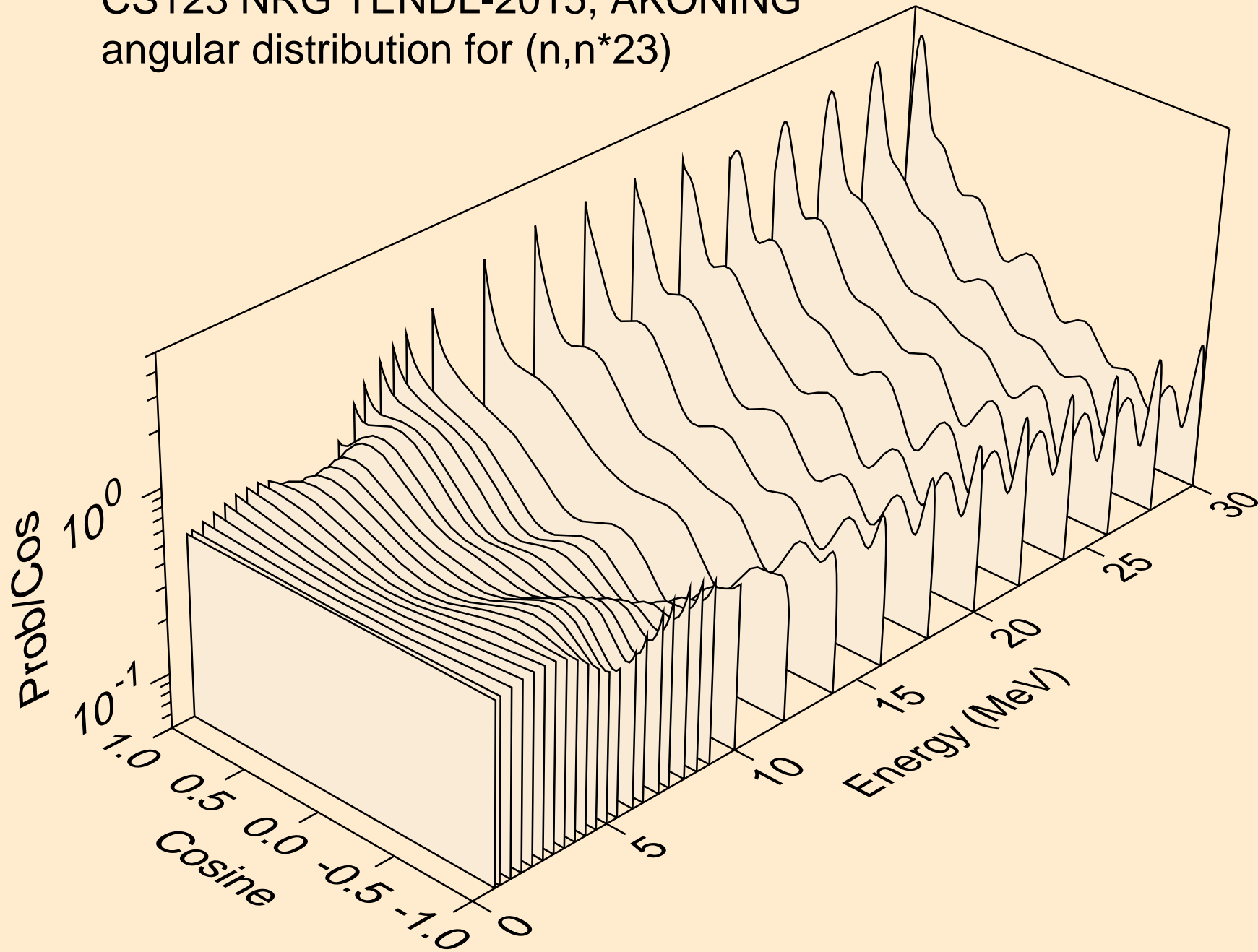


CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

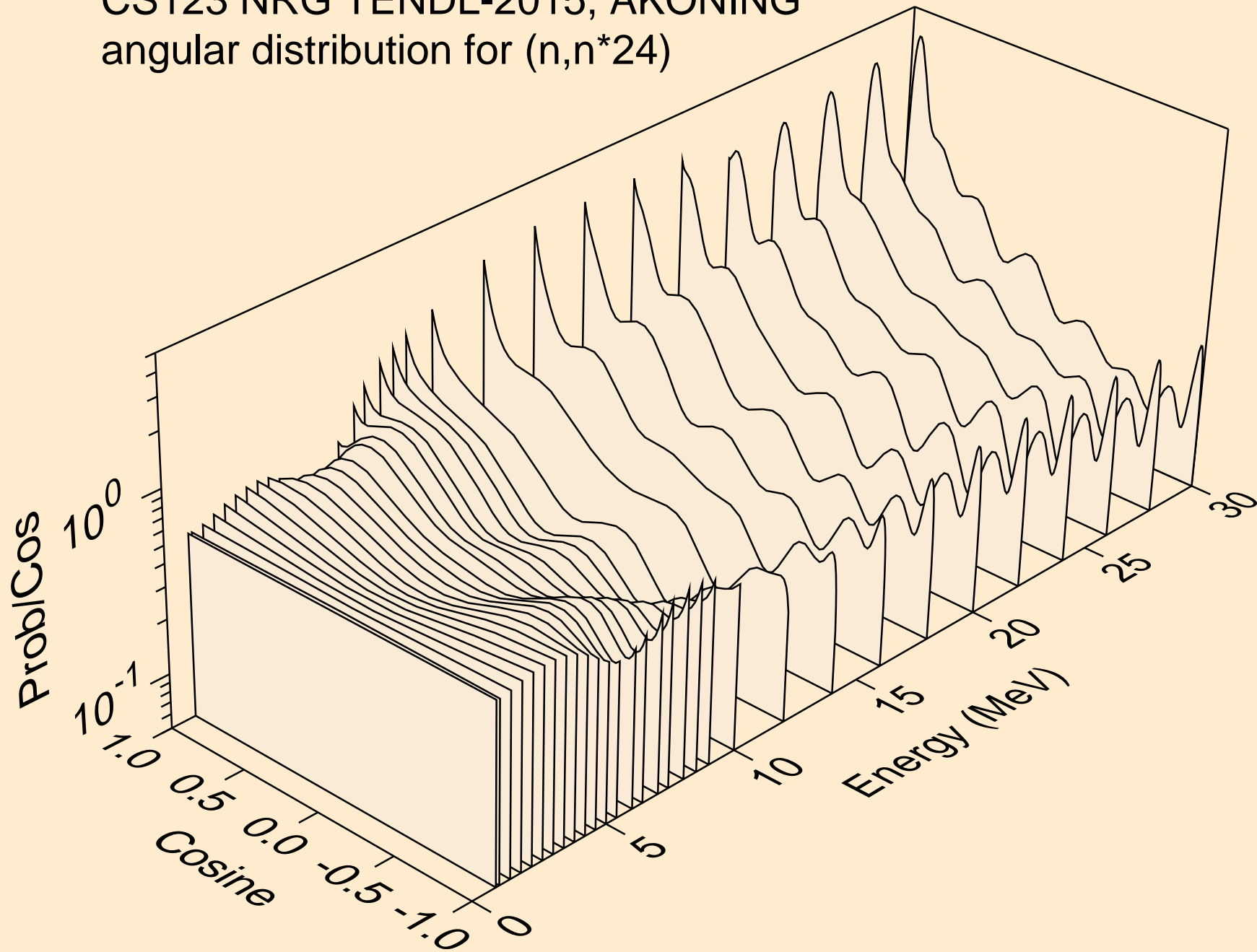




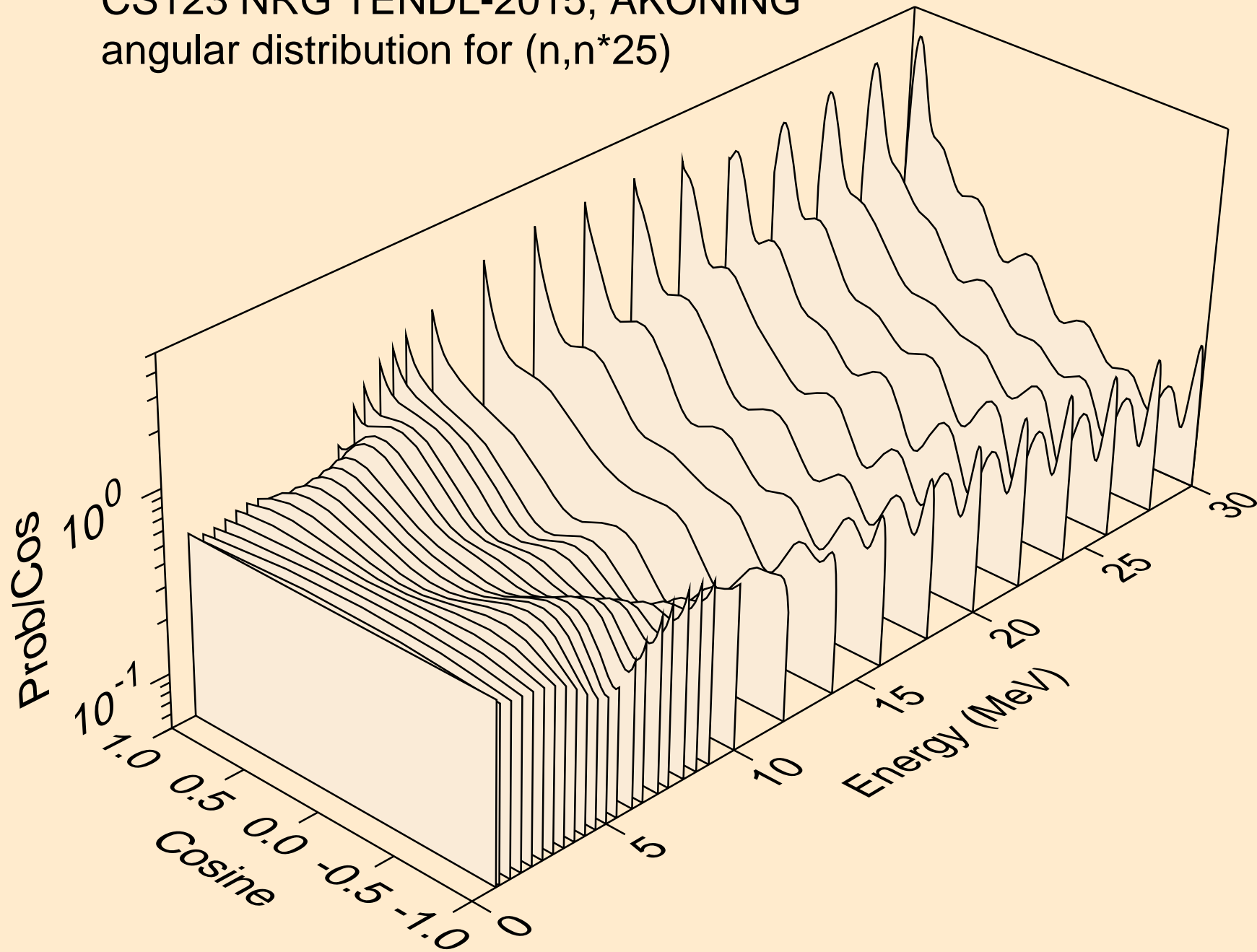
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



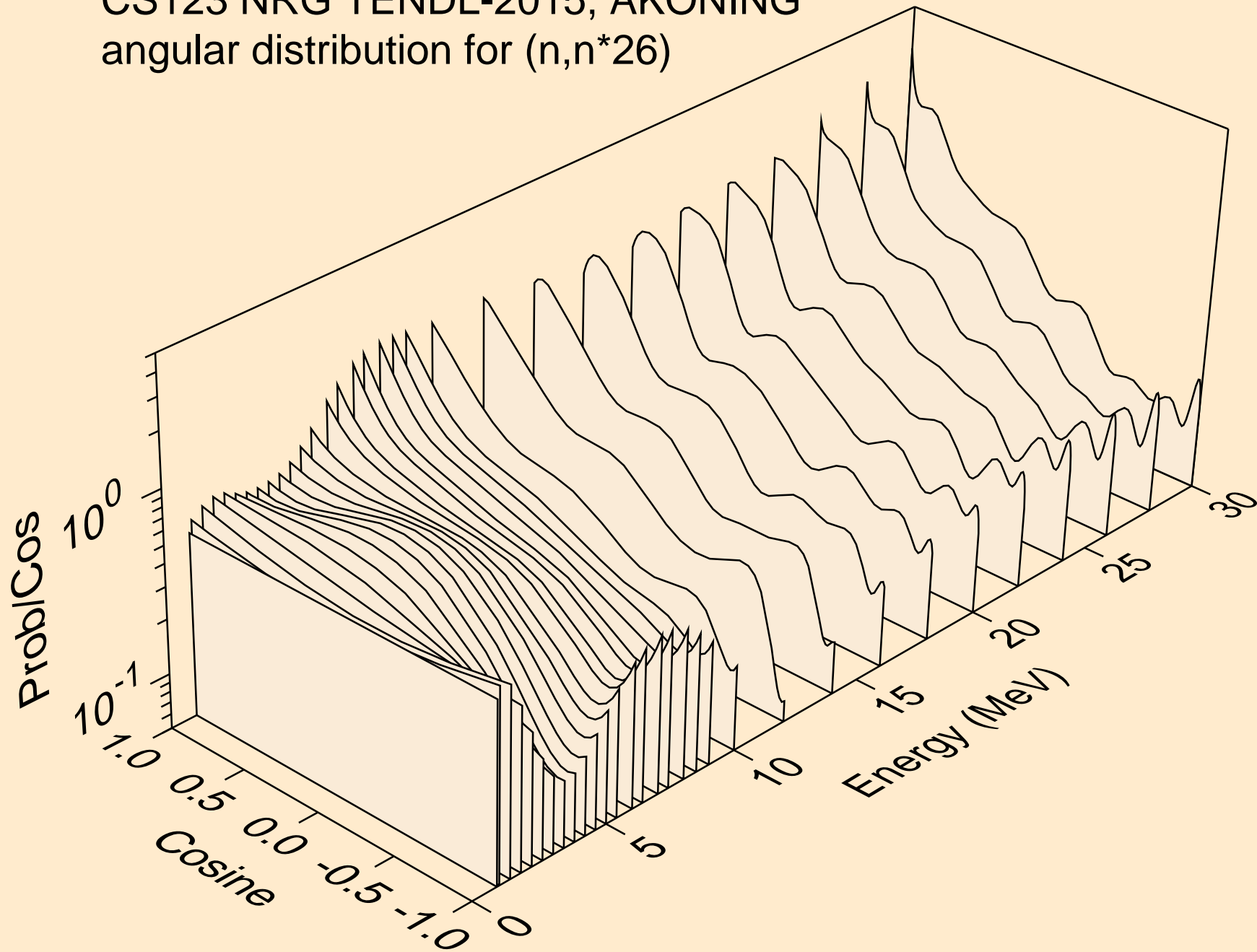
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



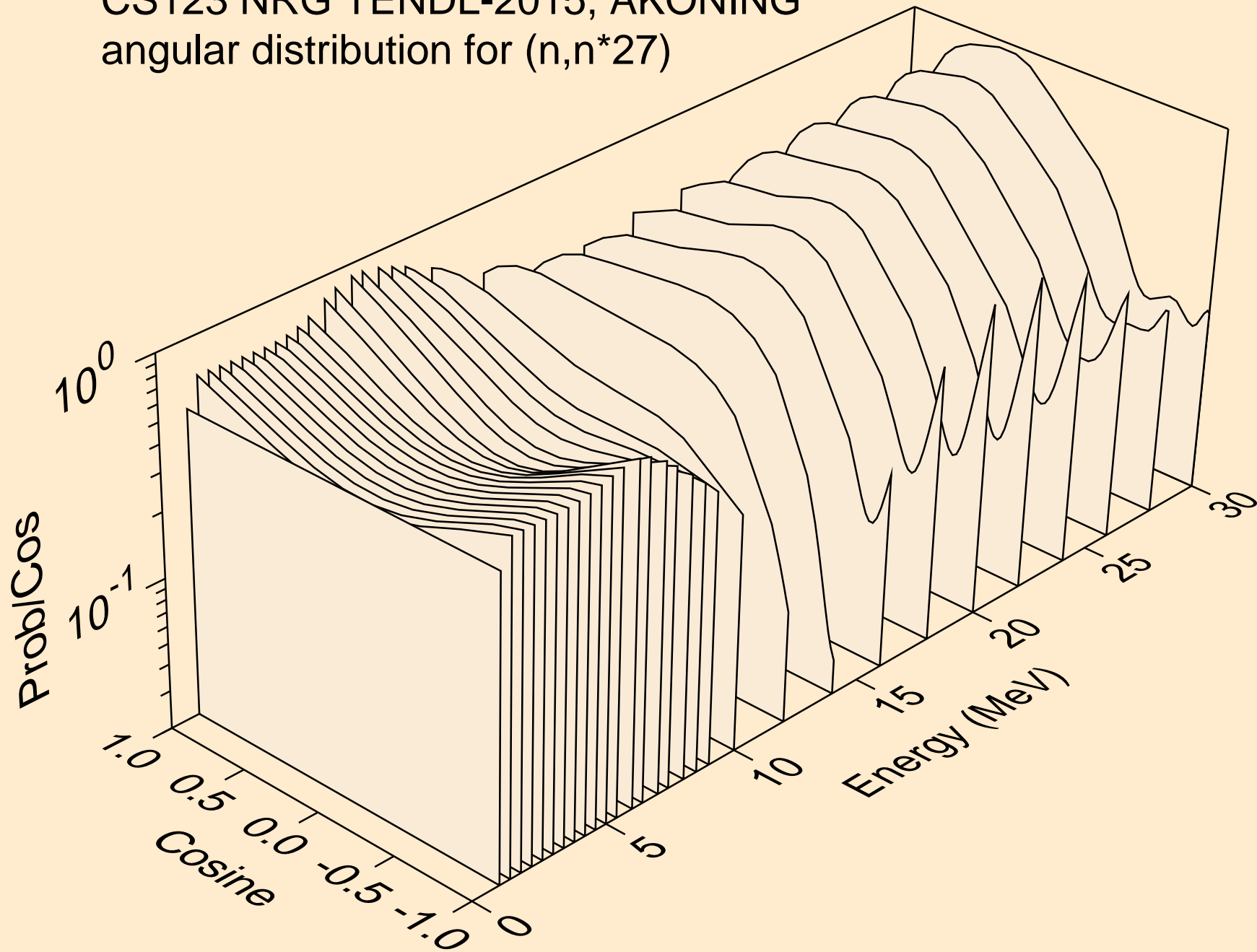
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



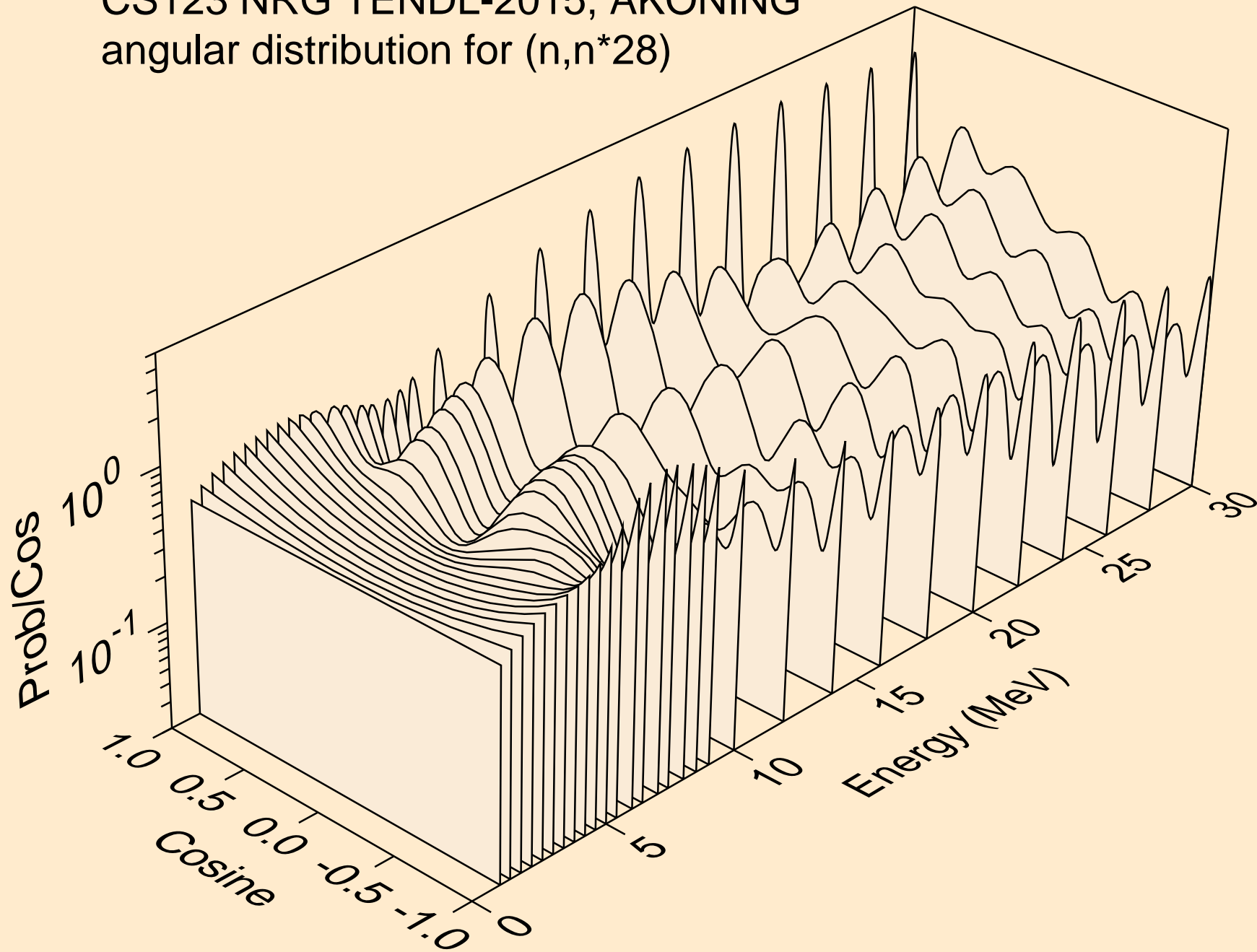
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



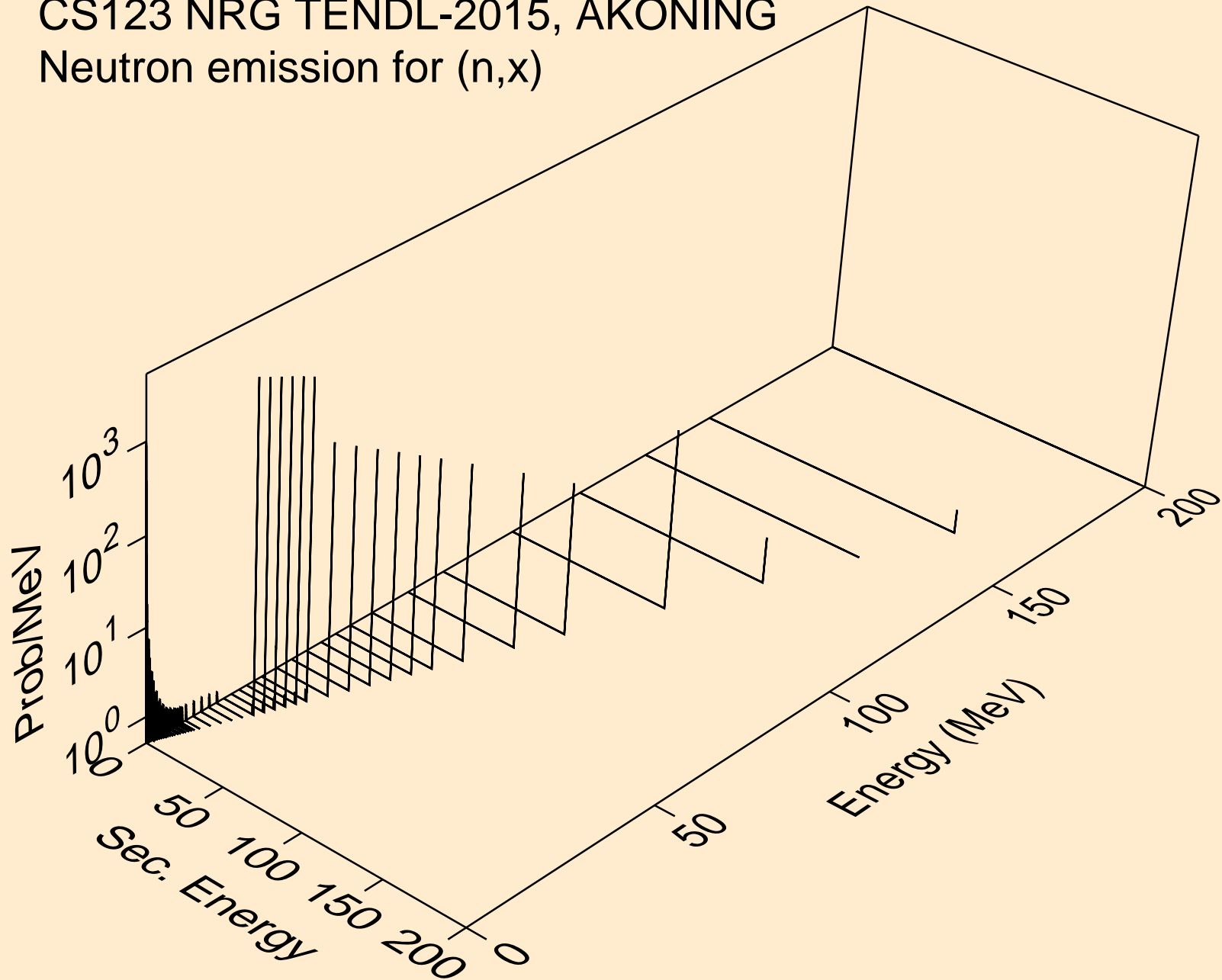
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



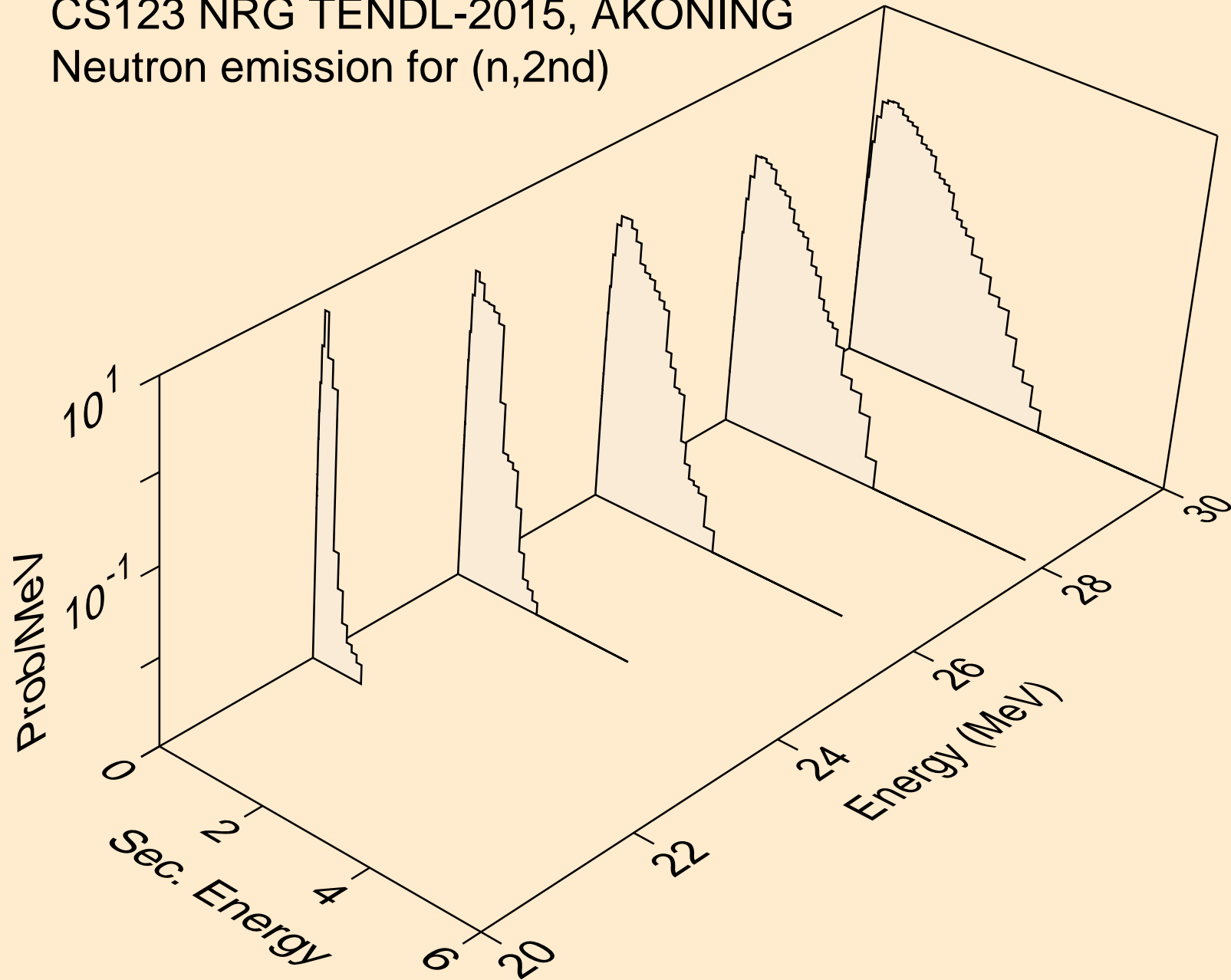
CS123 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

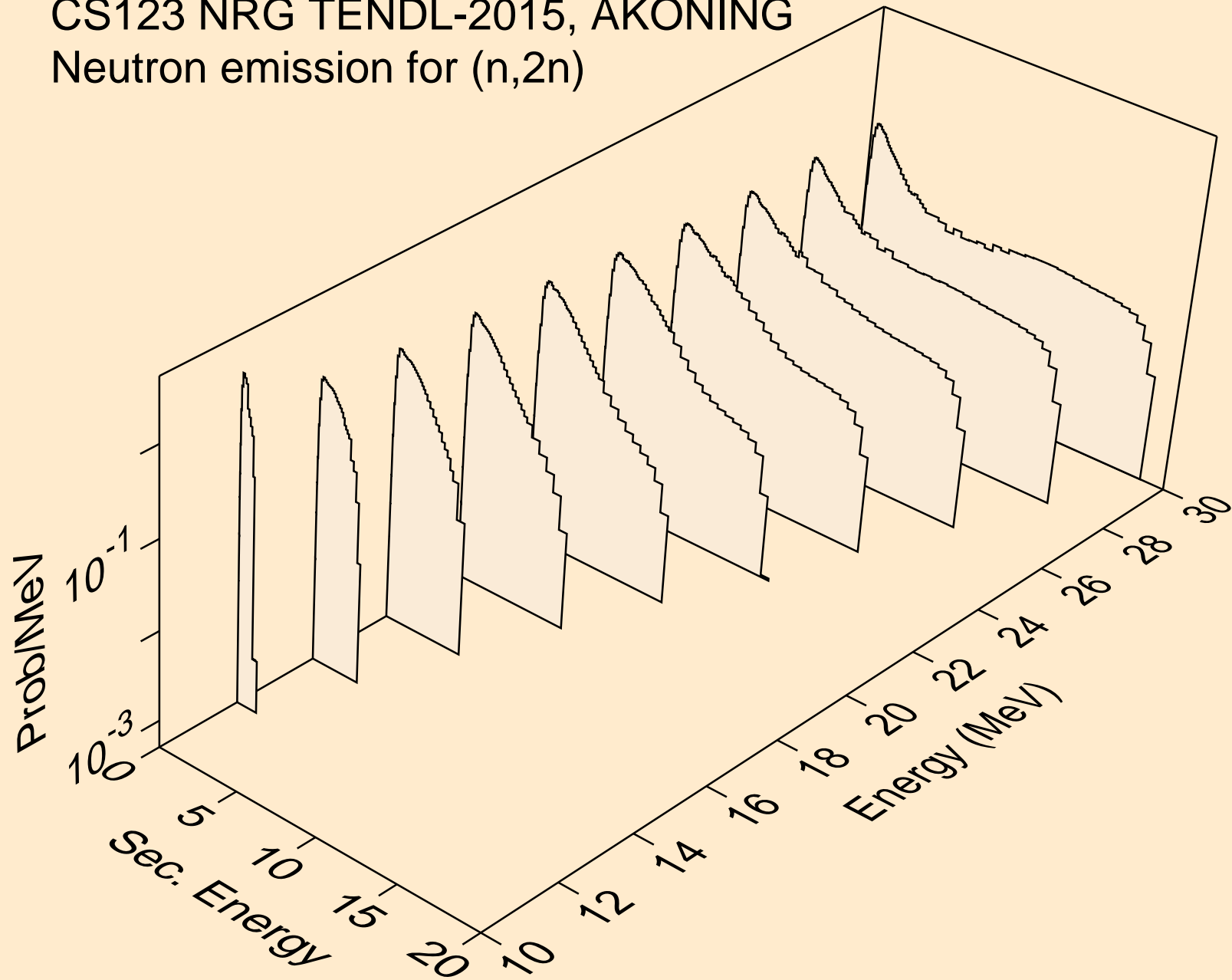


CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

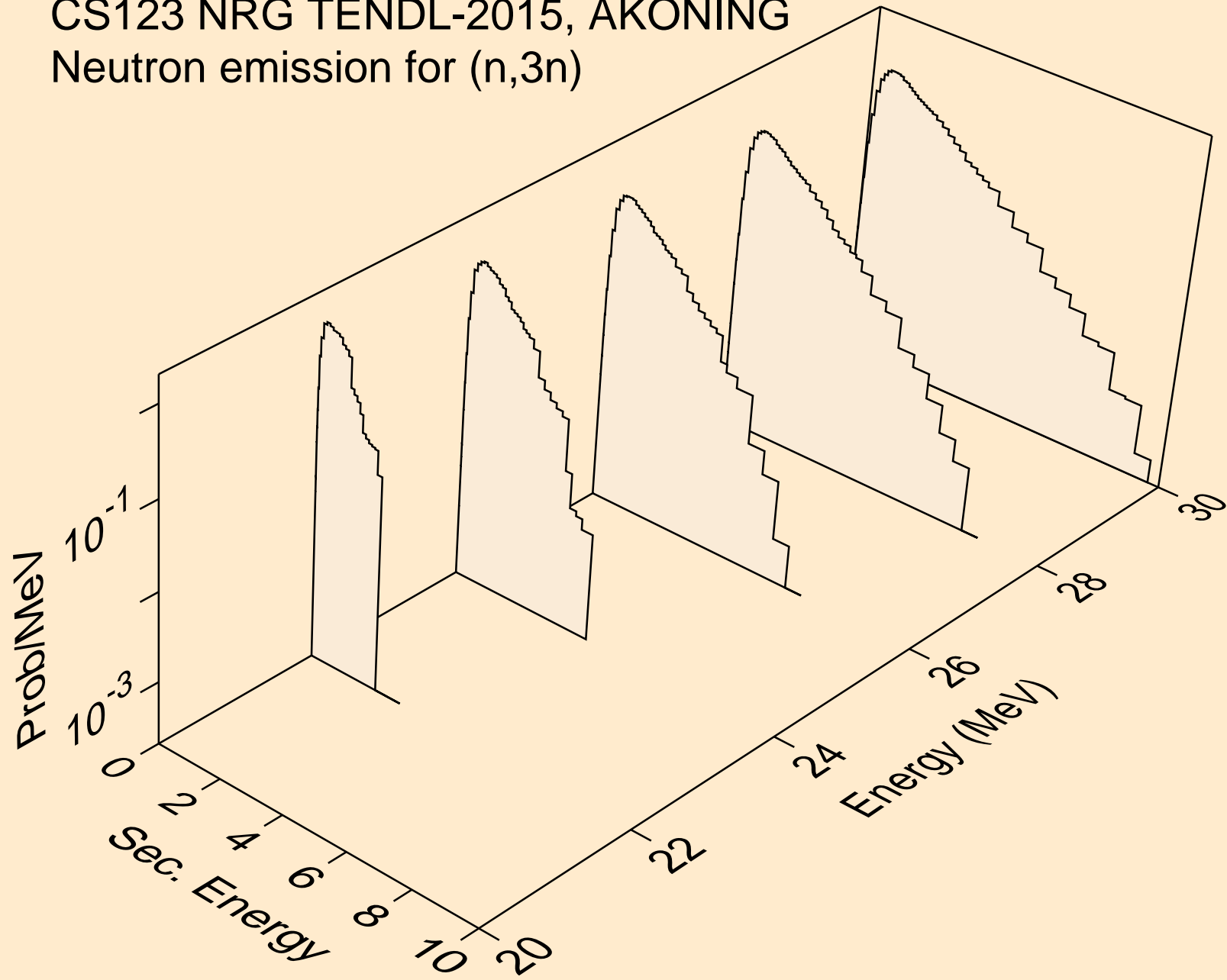




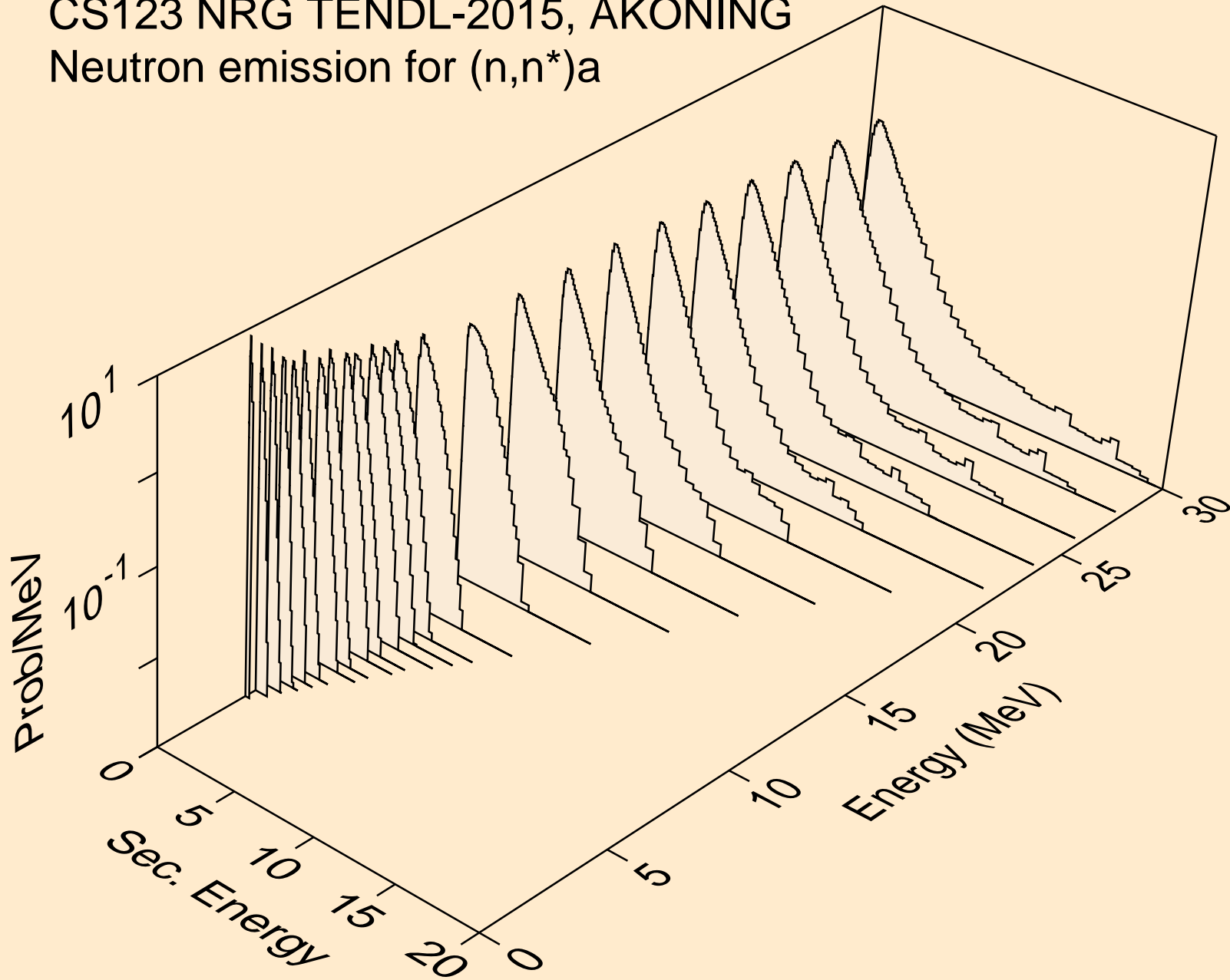
CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



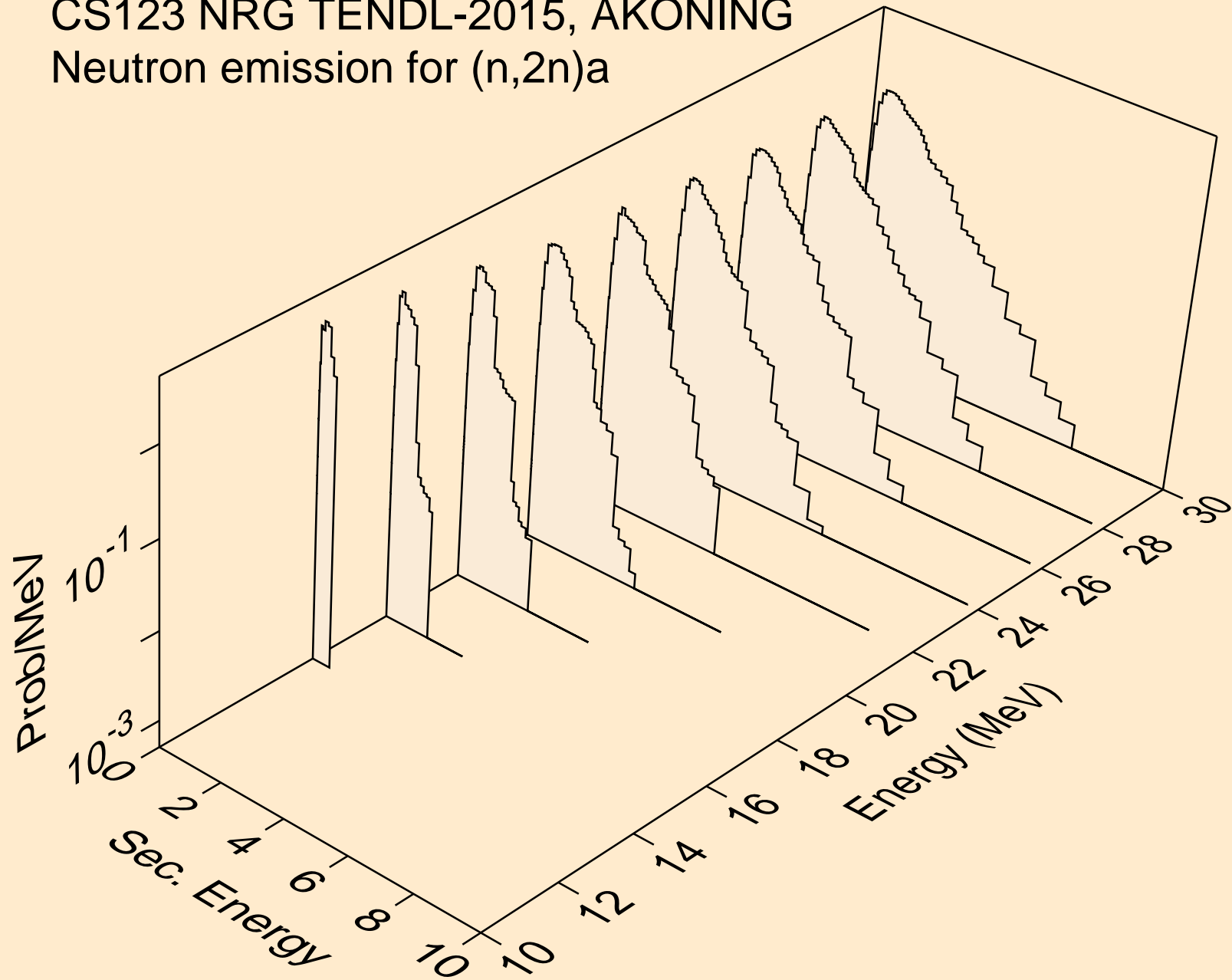
CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



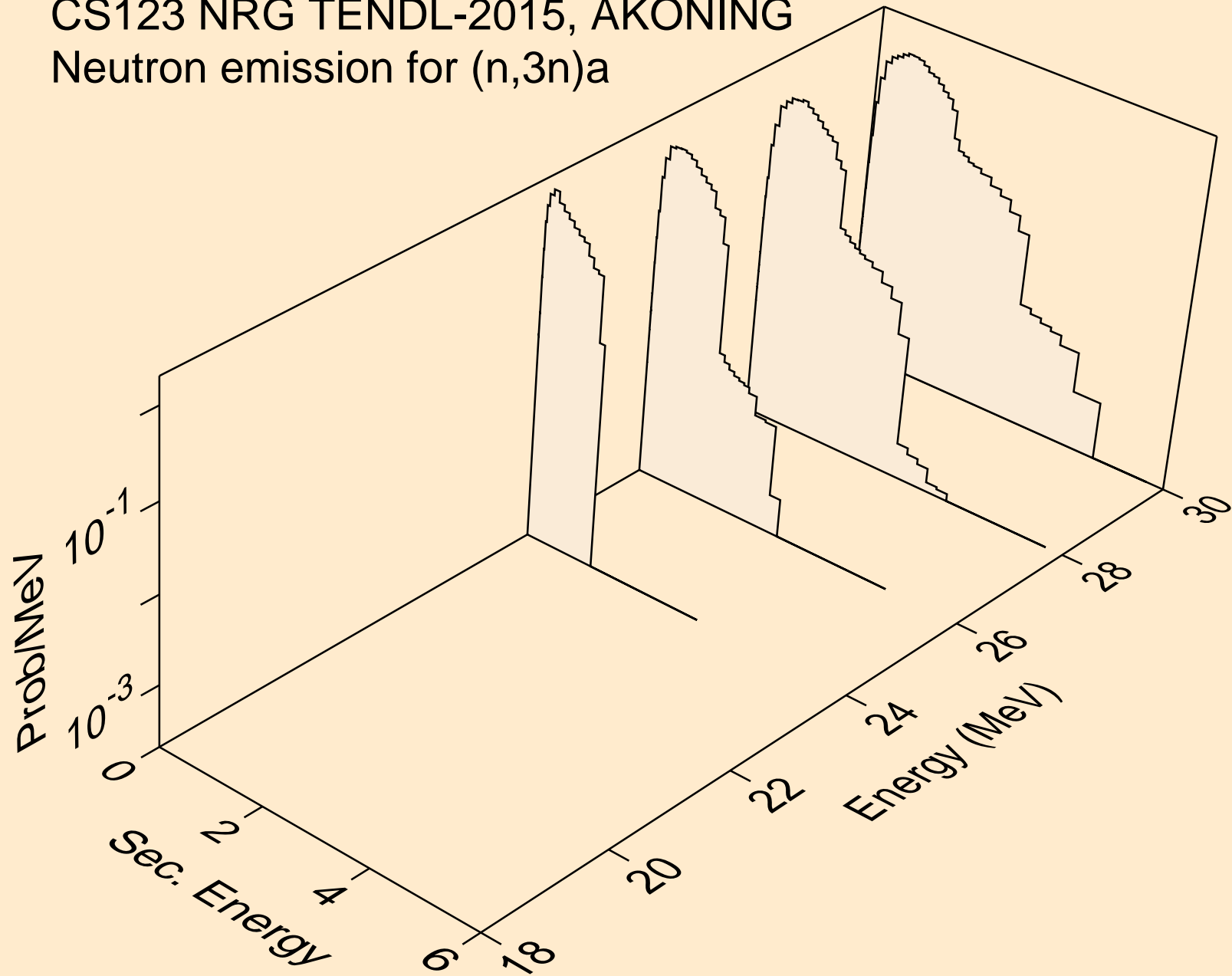
CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



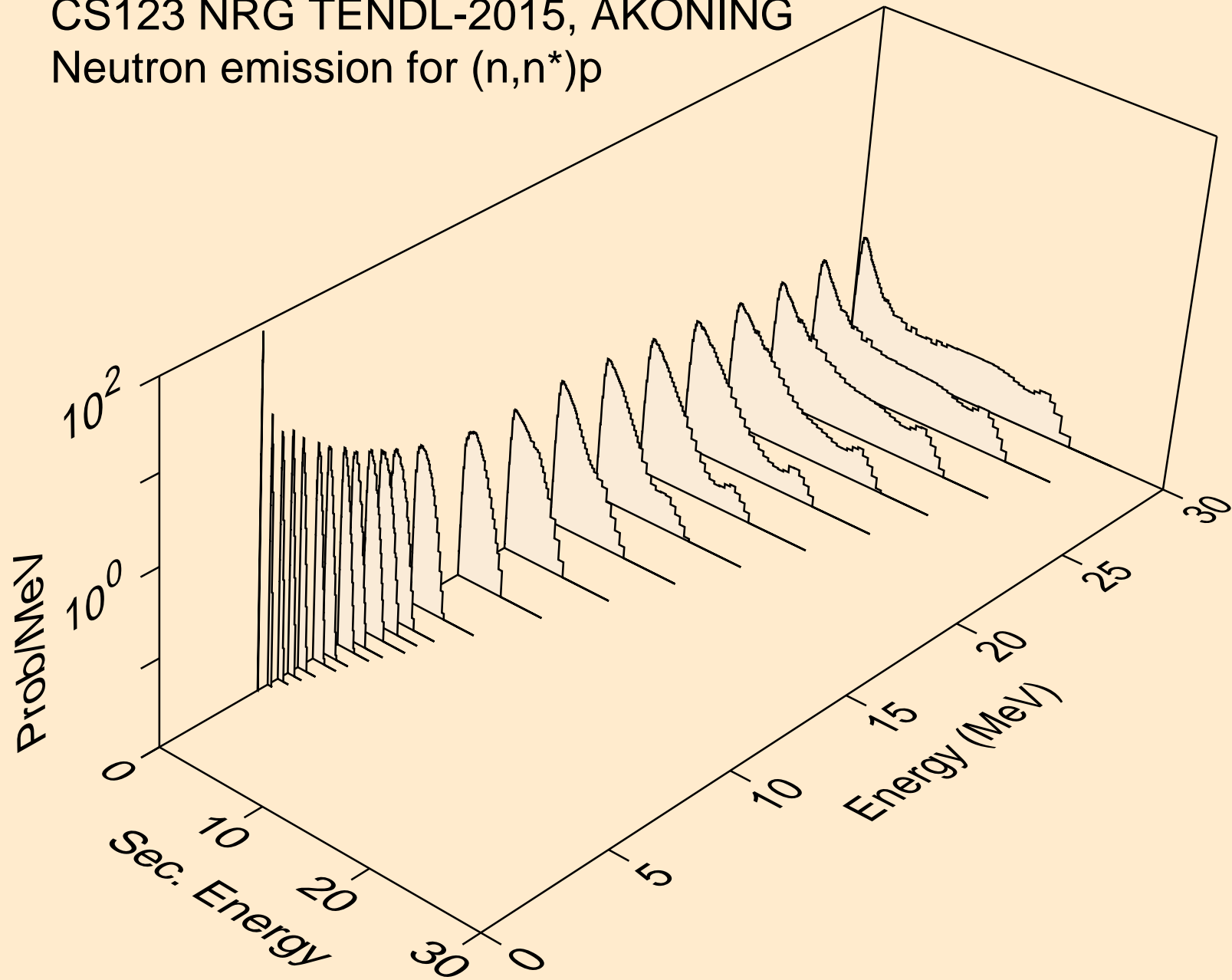
CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



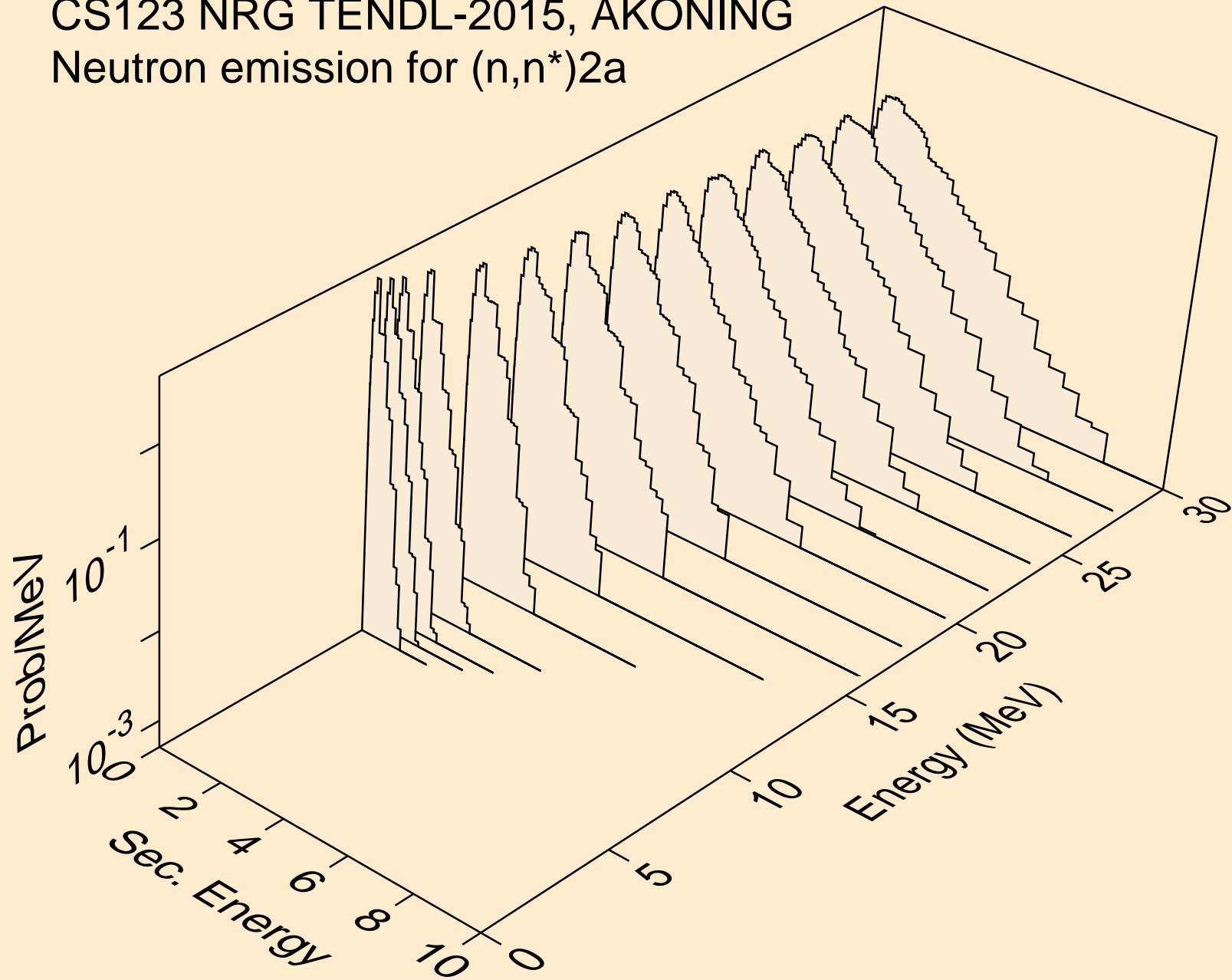
CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



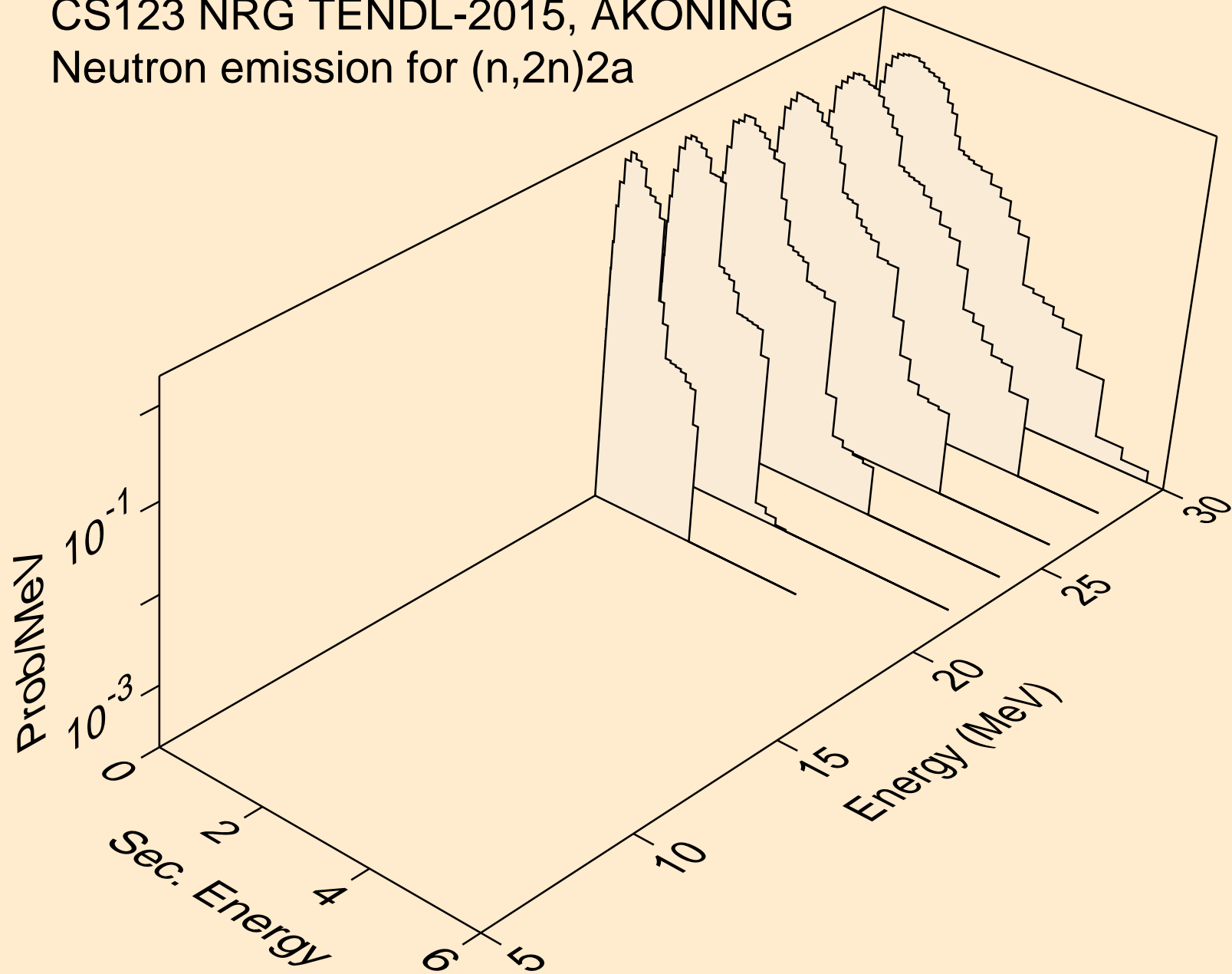
CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

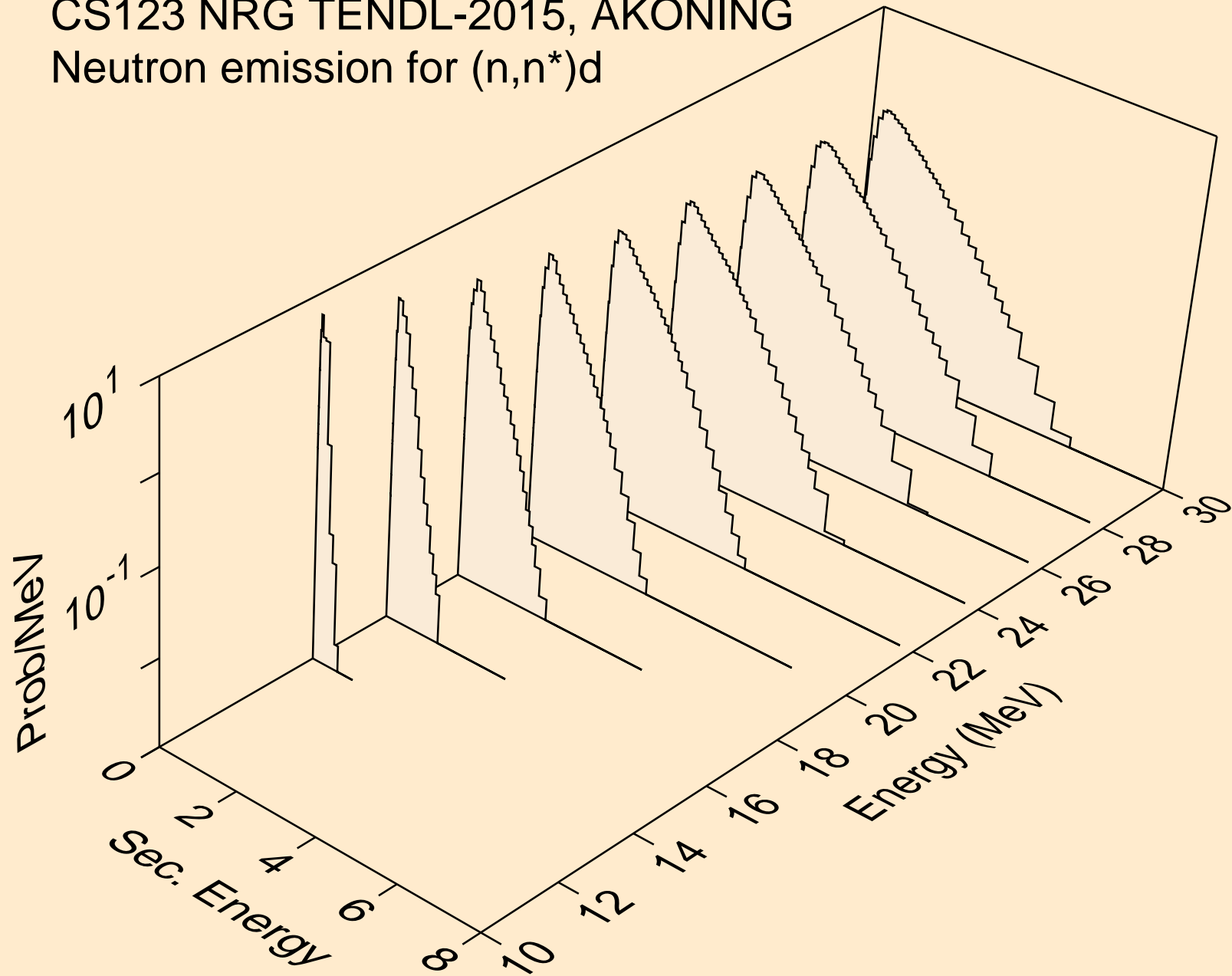


CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

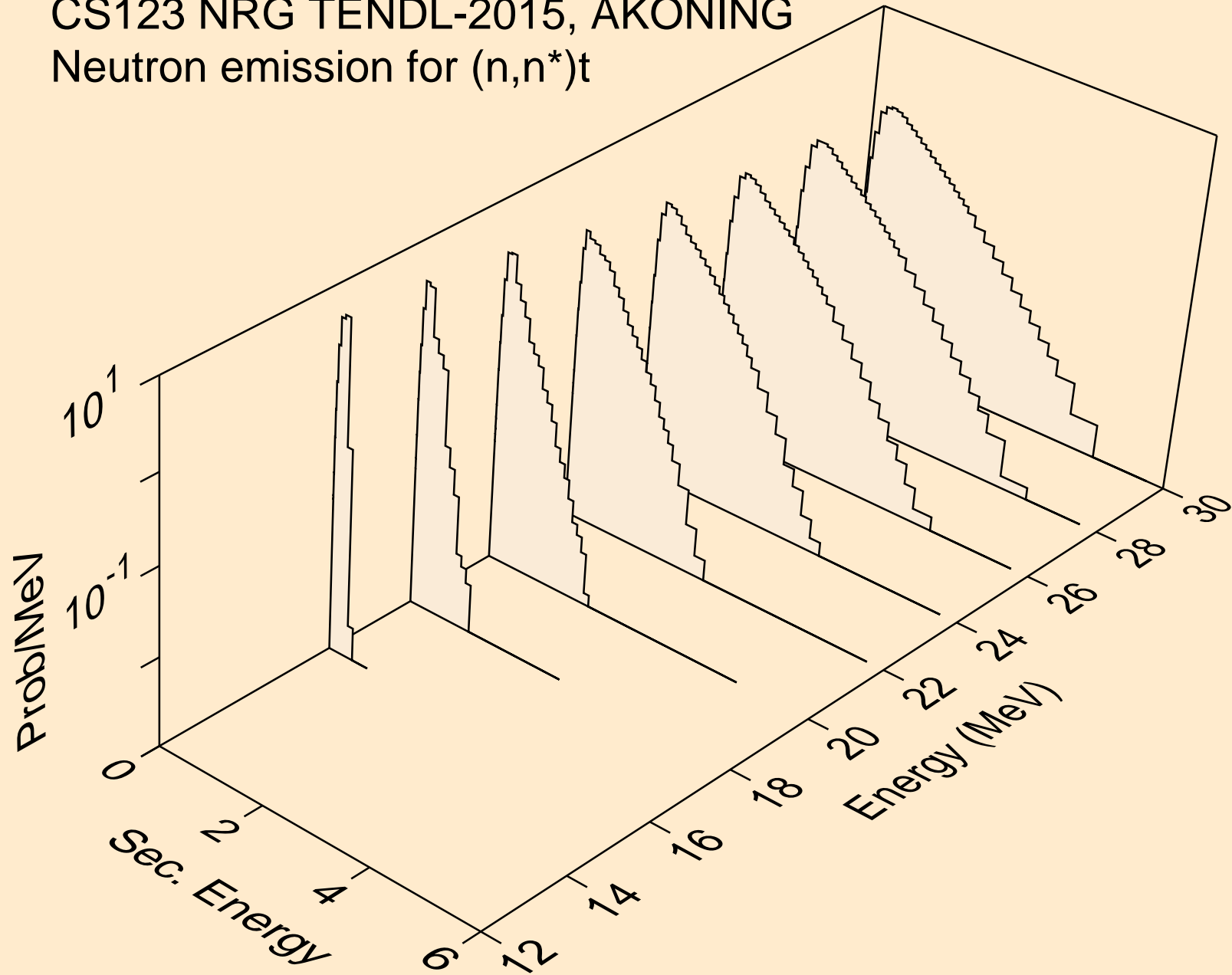




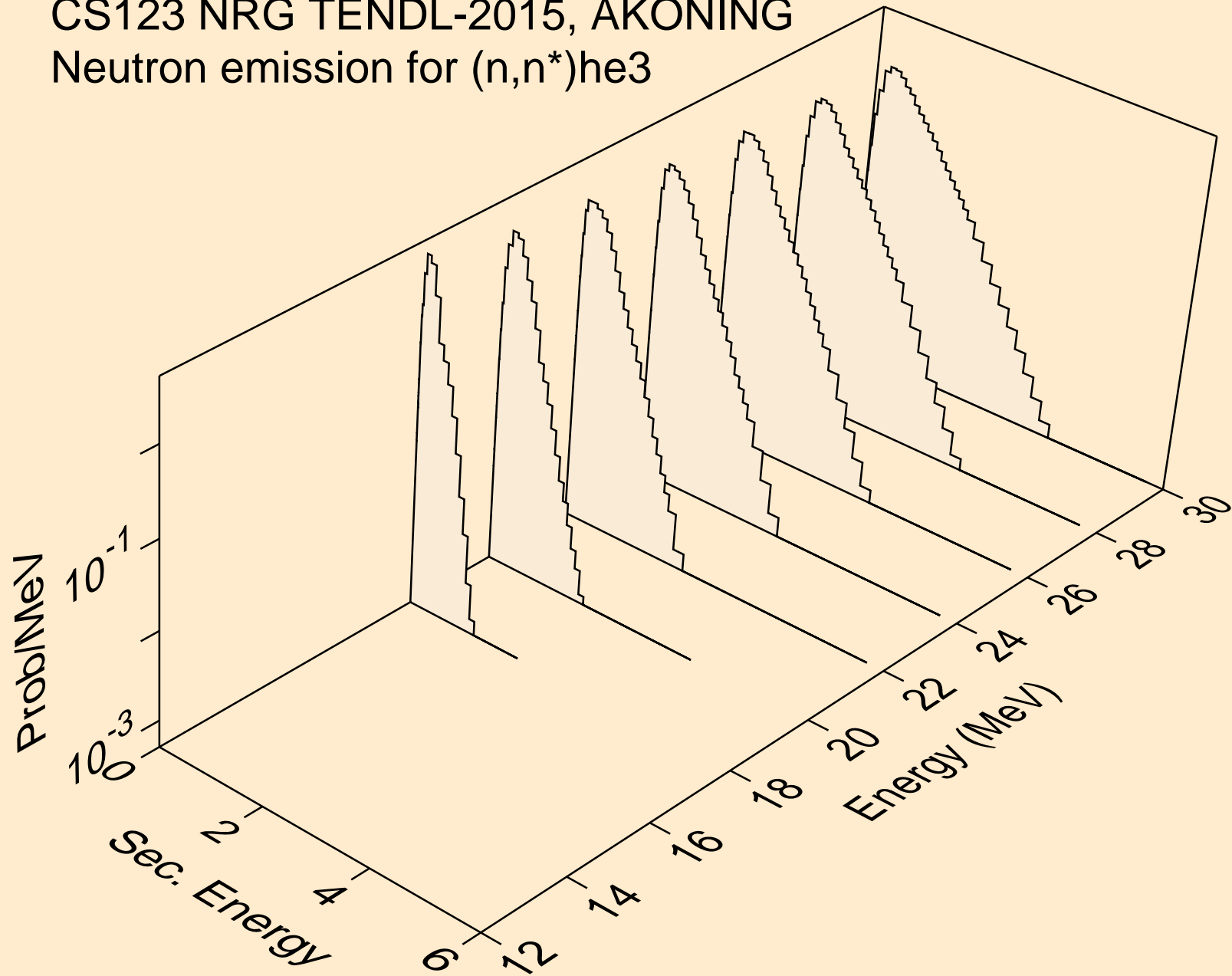
CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



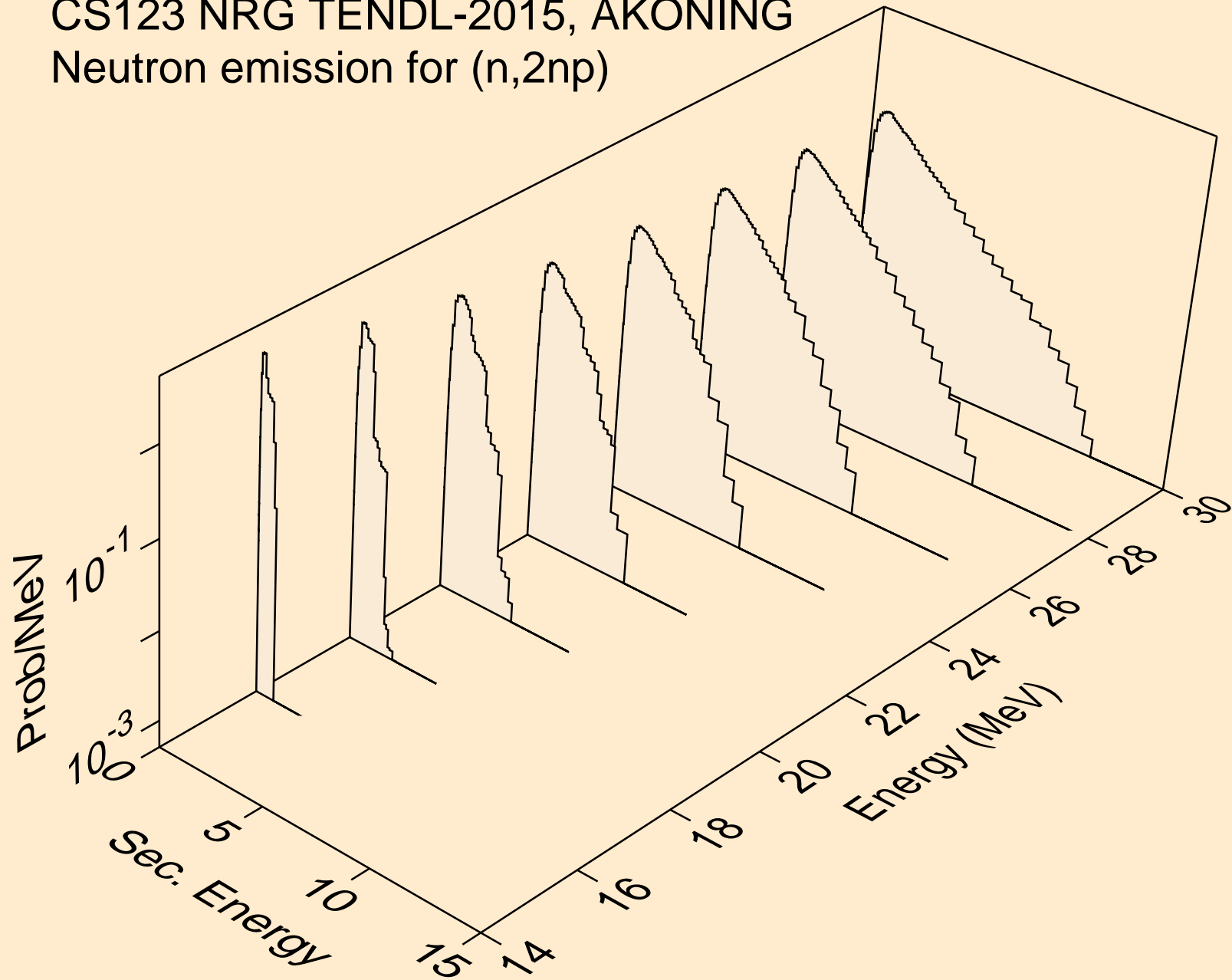
CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



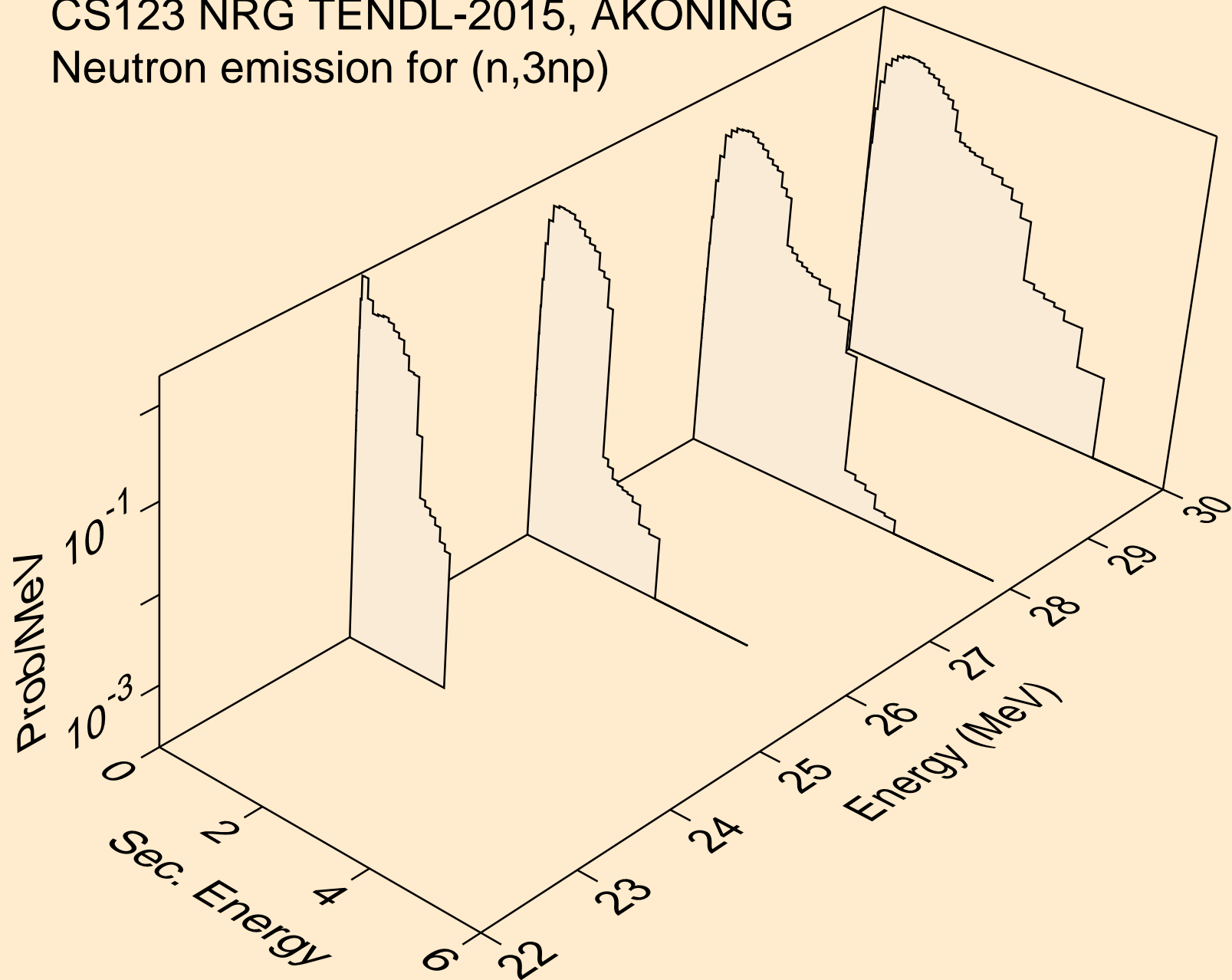
CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



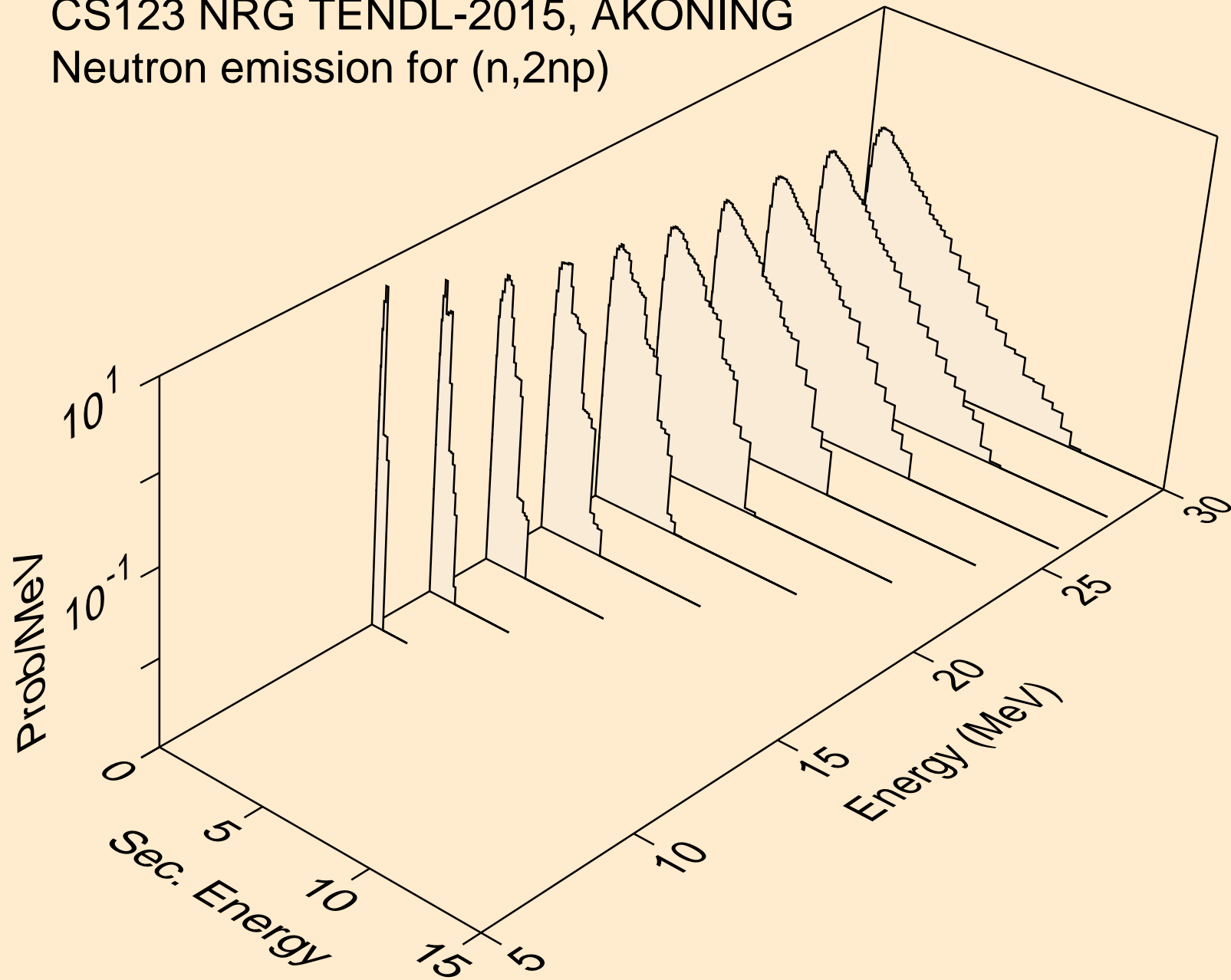
CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



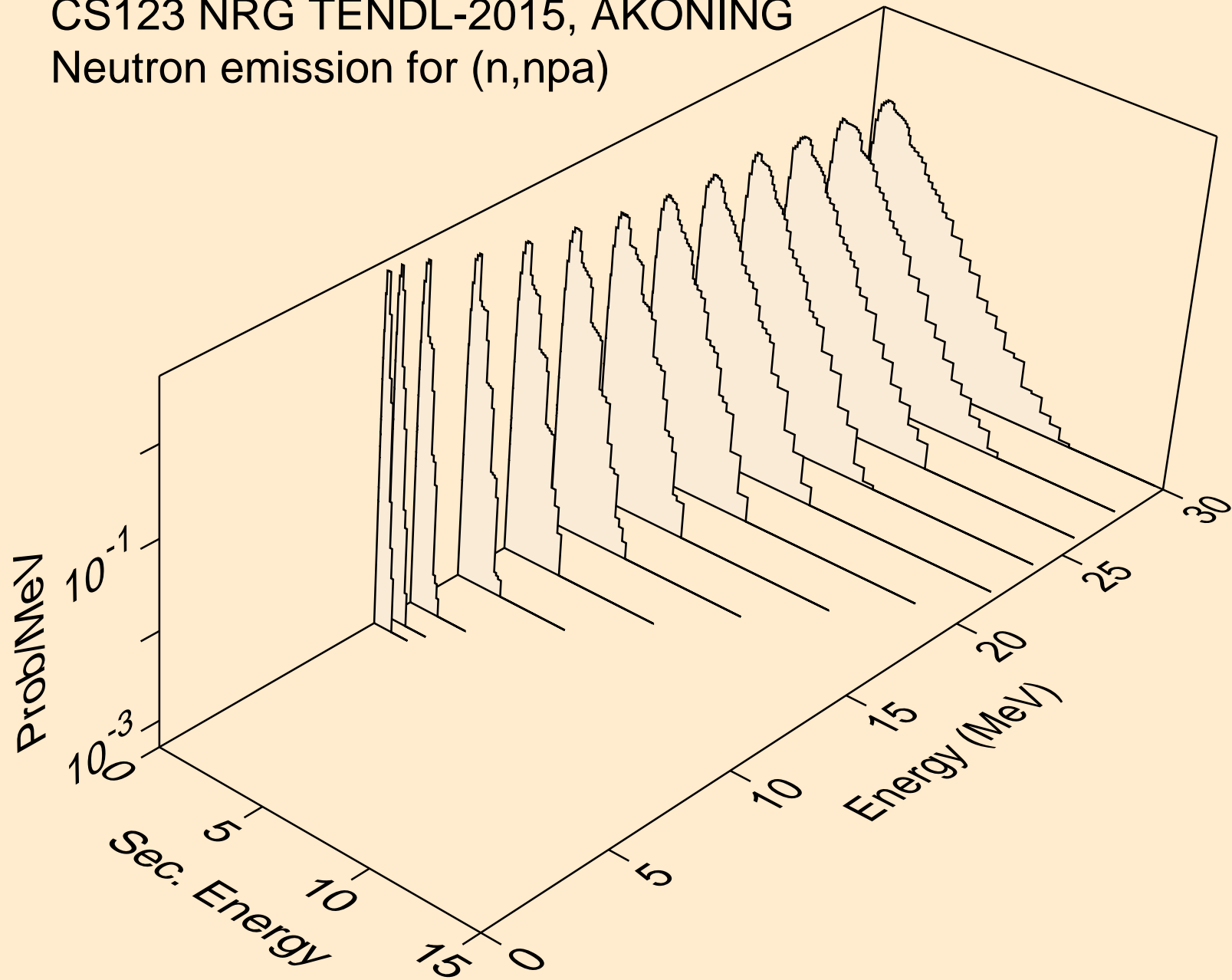
CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



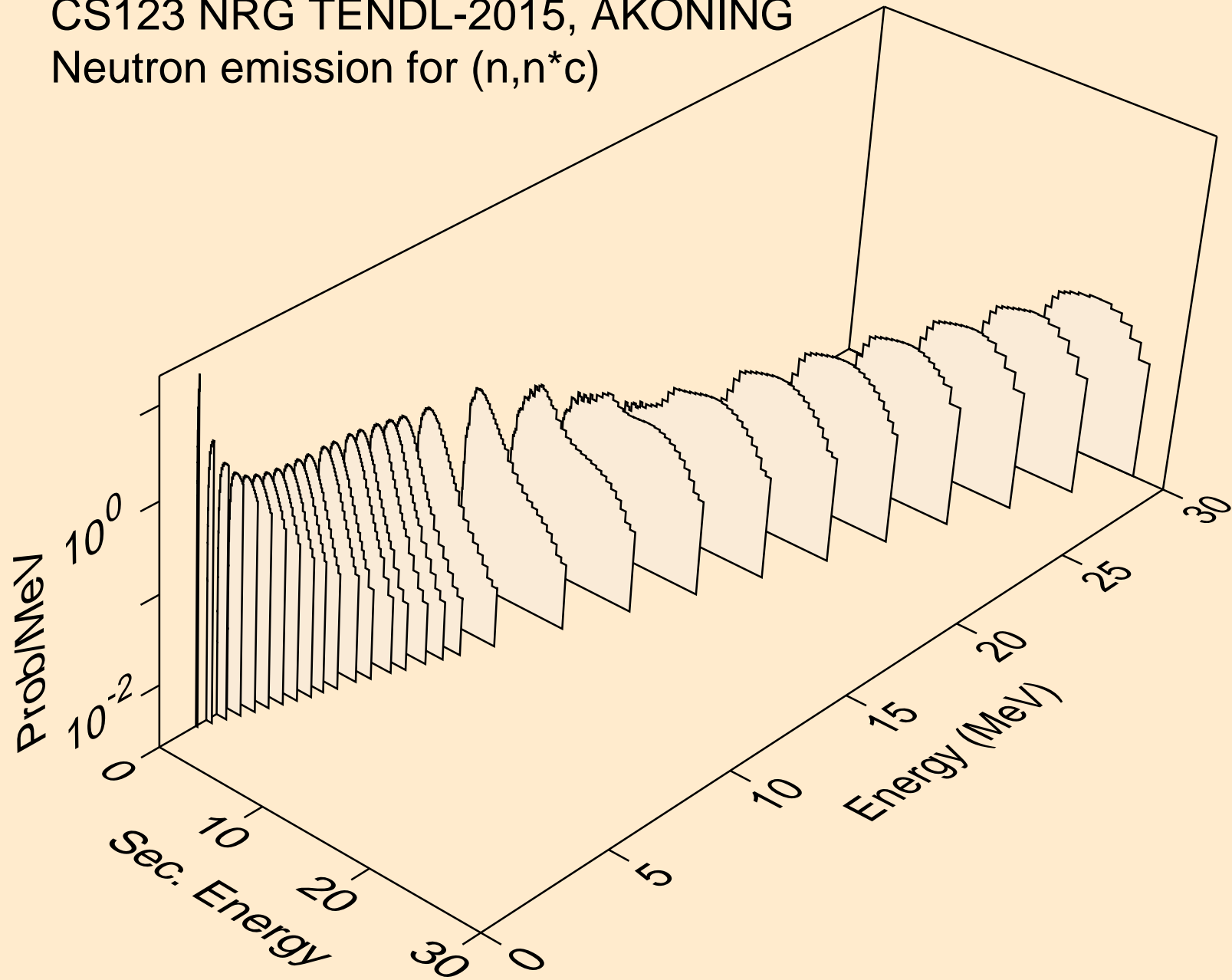
CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

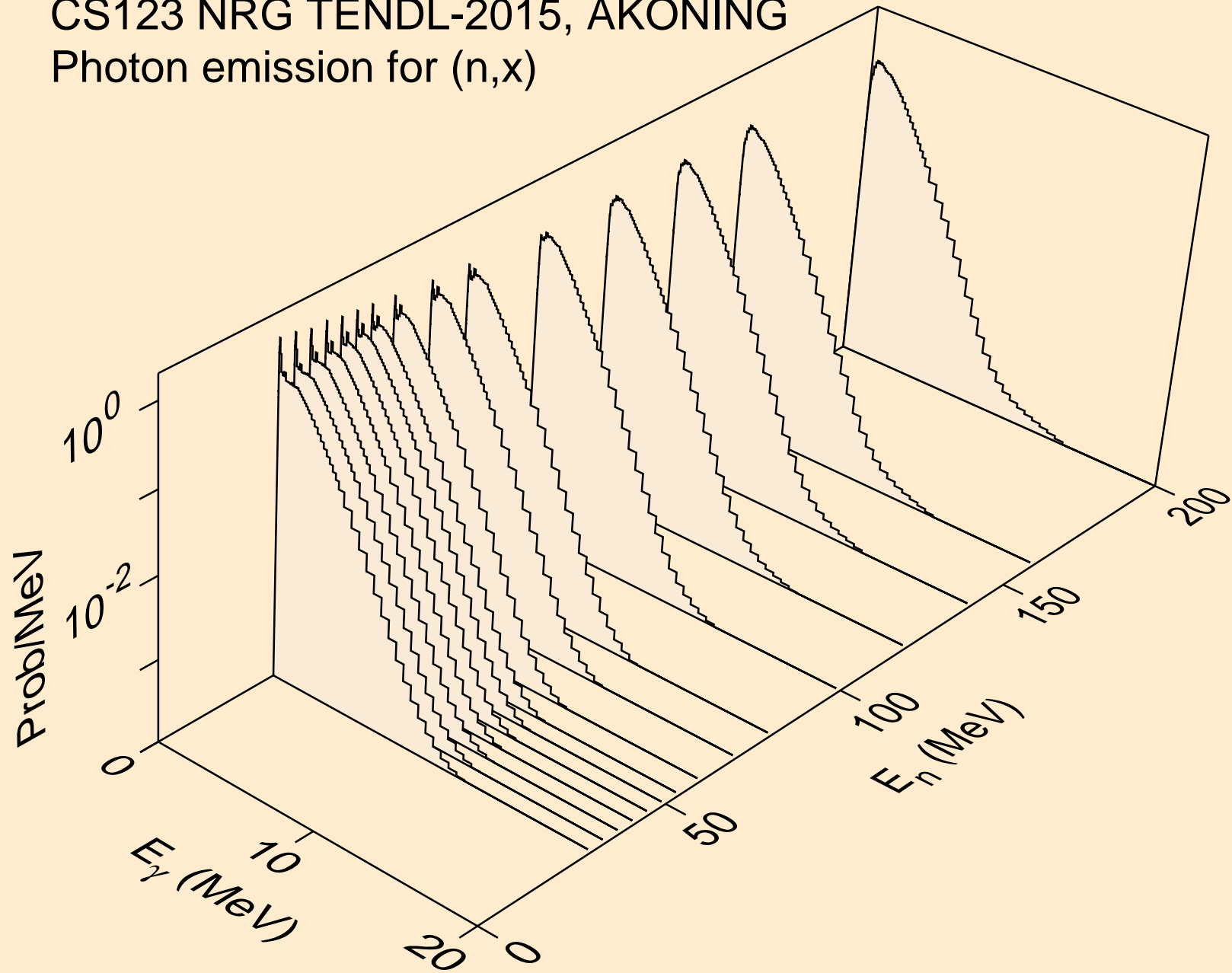


CS123 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

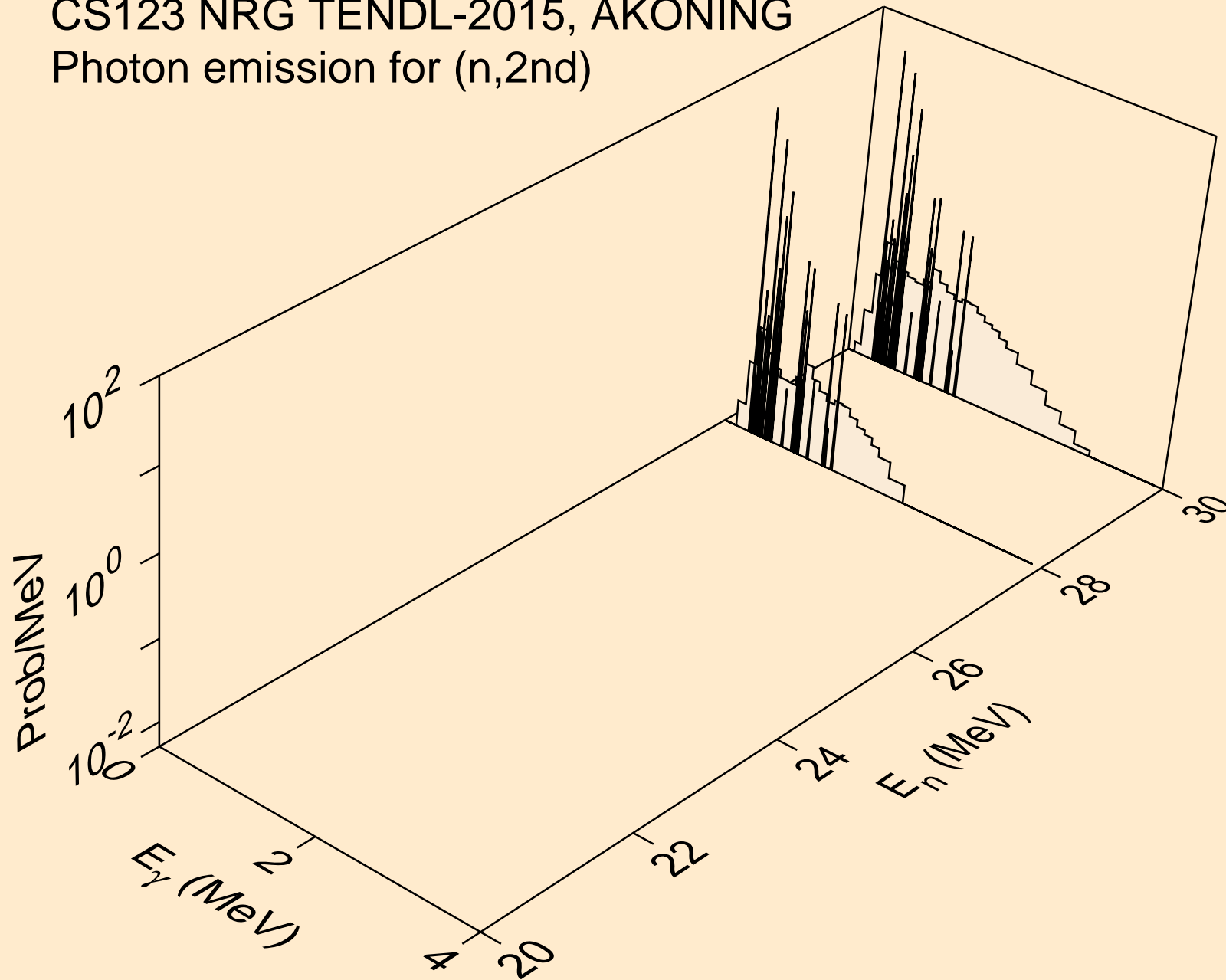




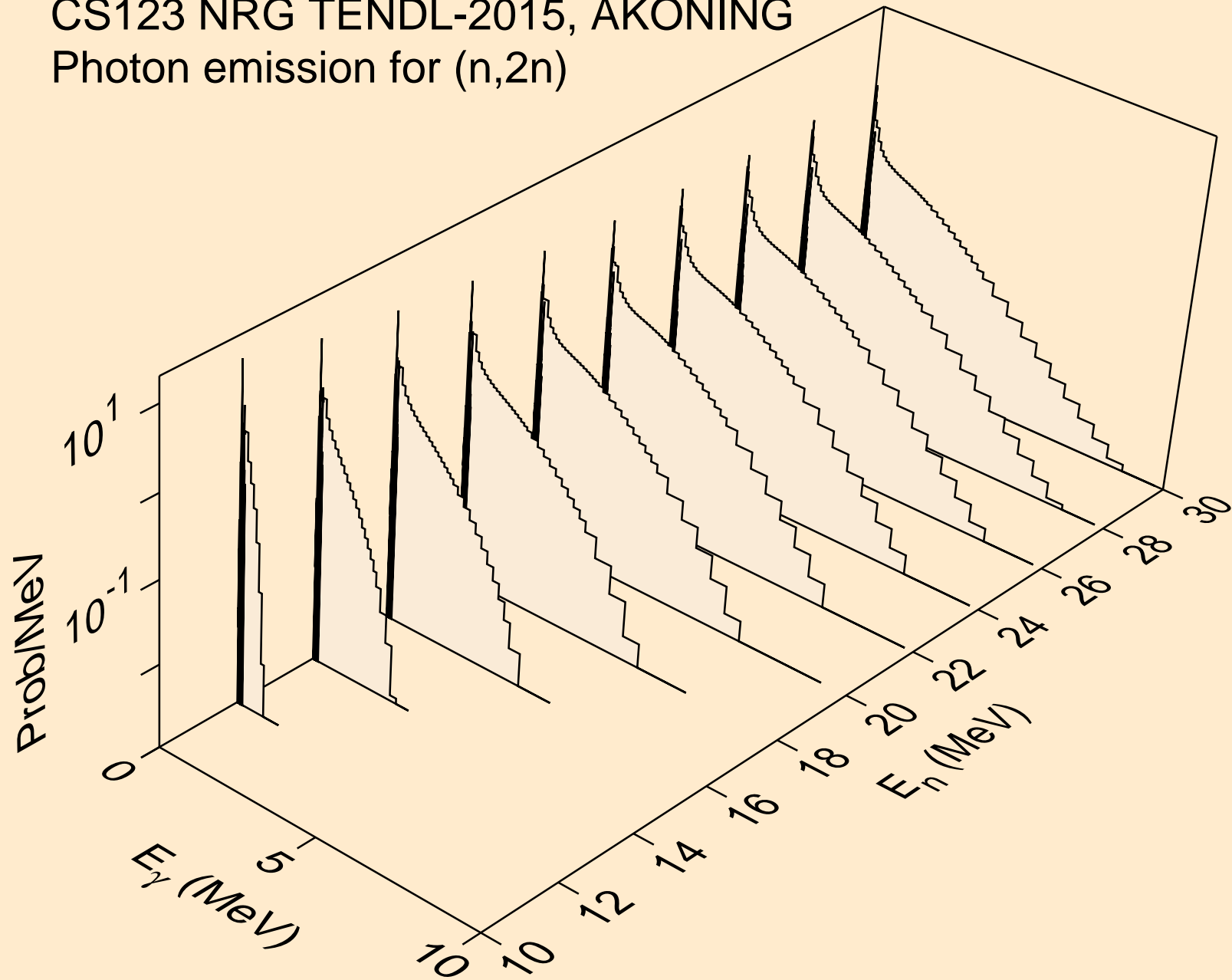
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



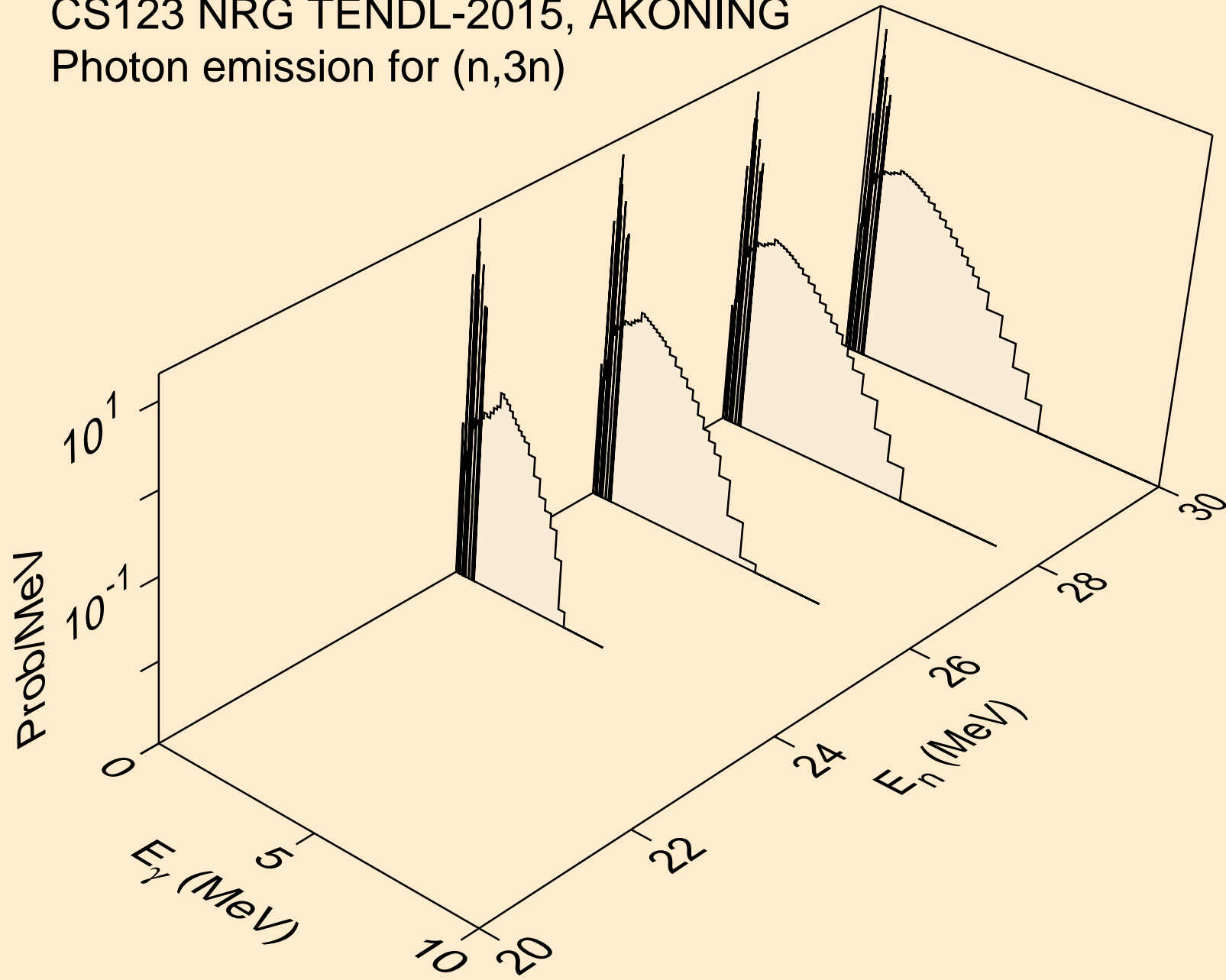
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



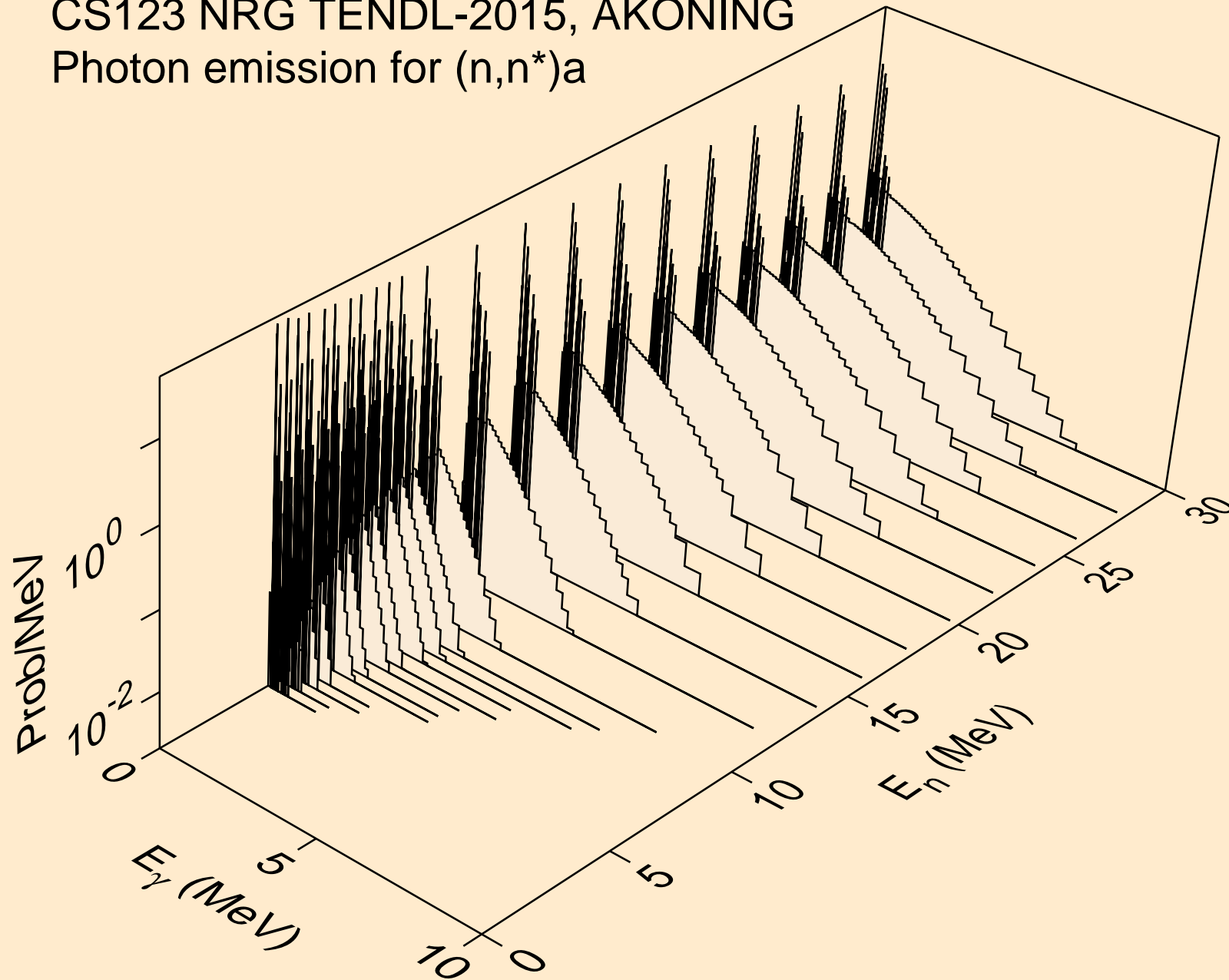
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



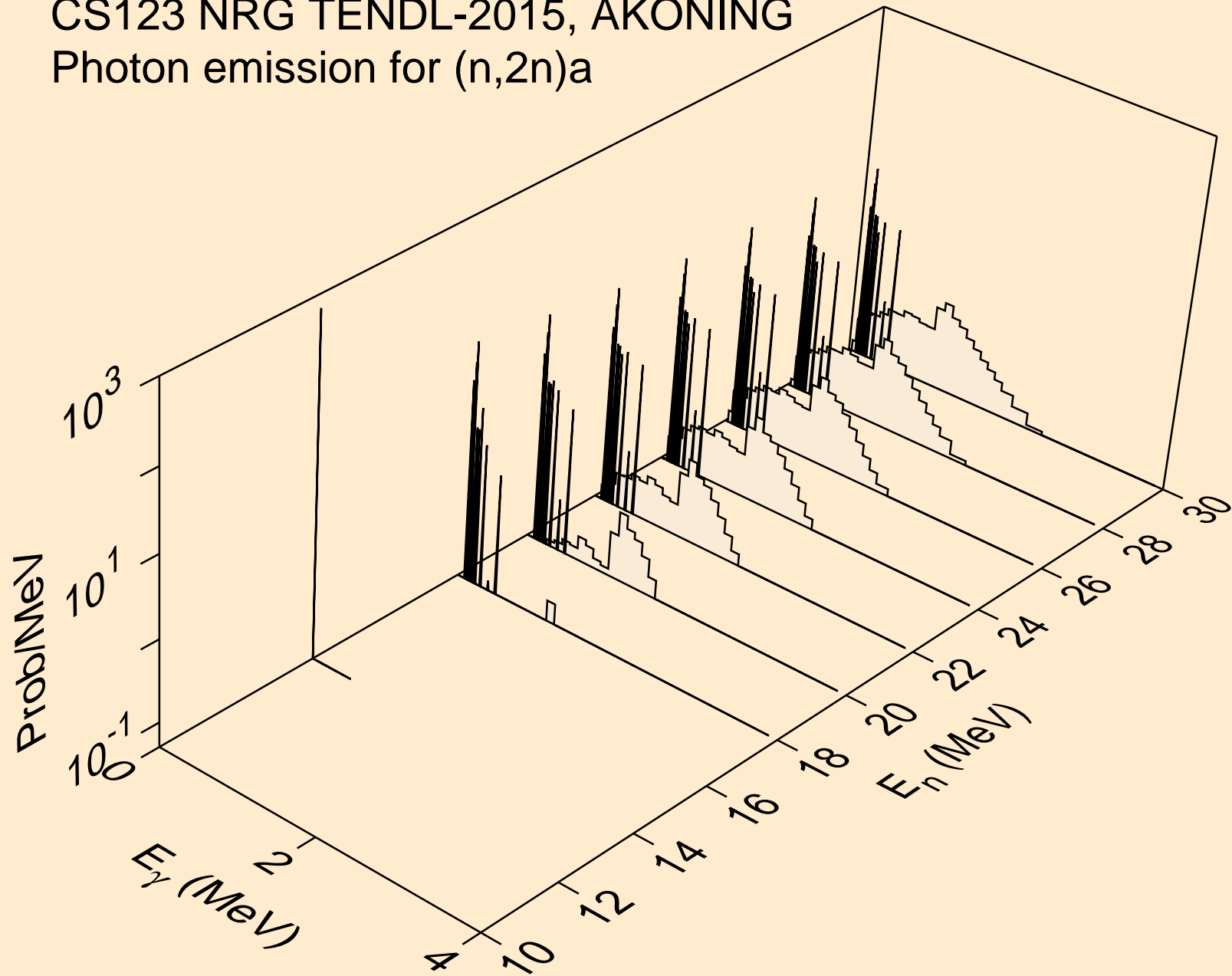
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



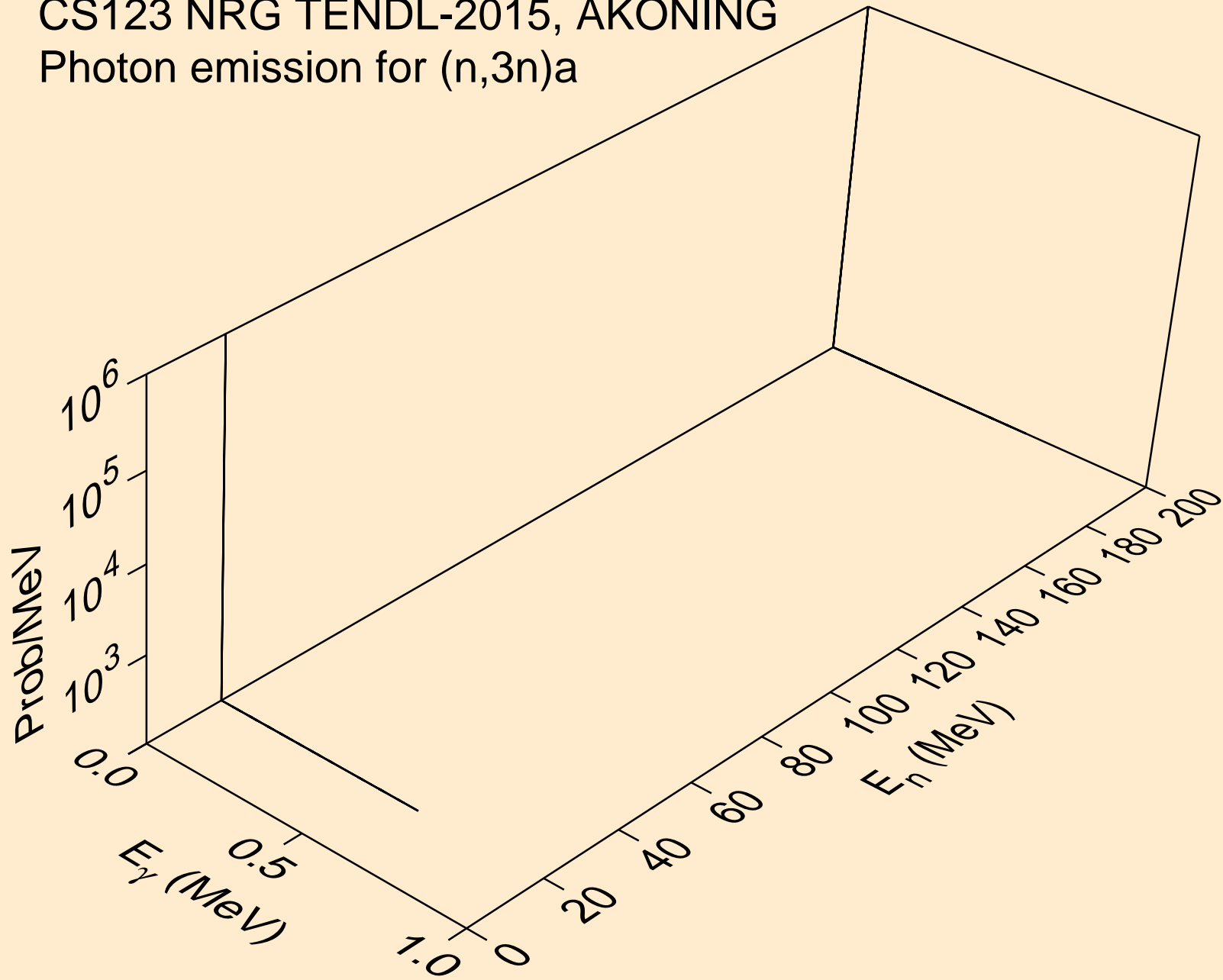
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

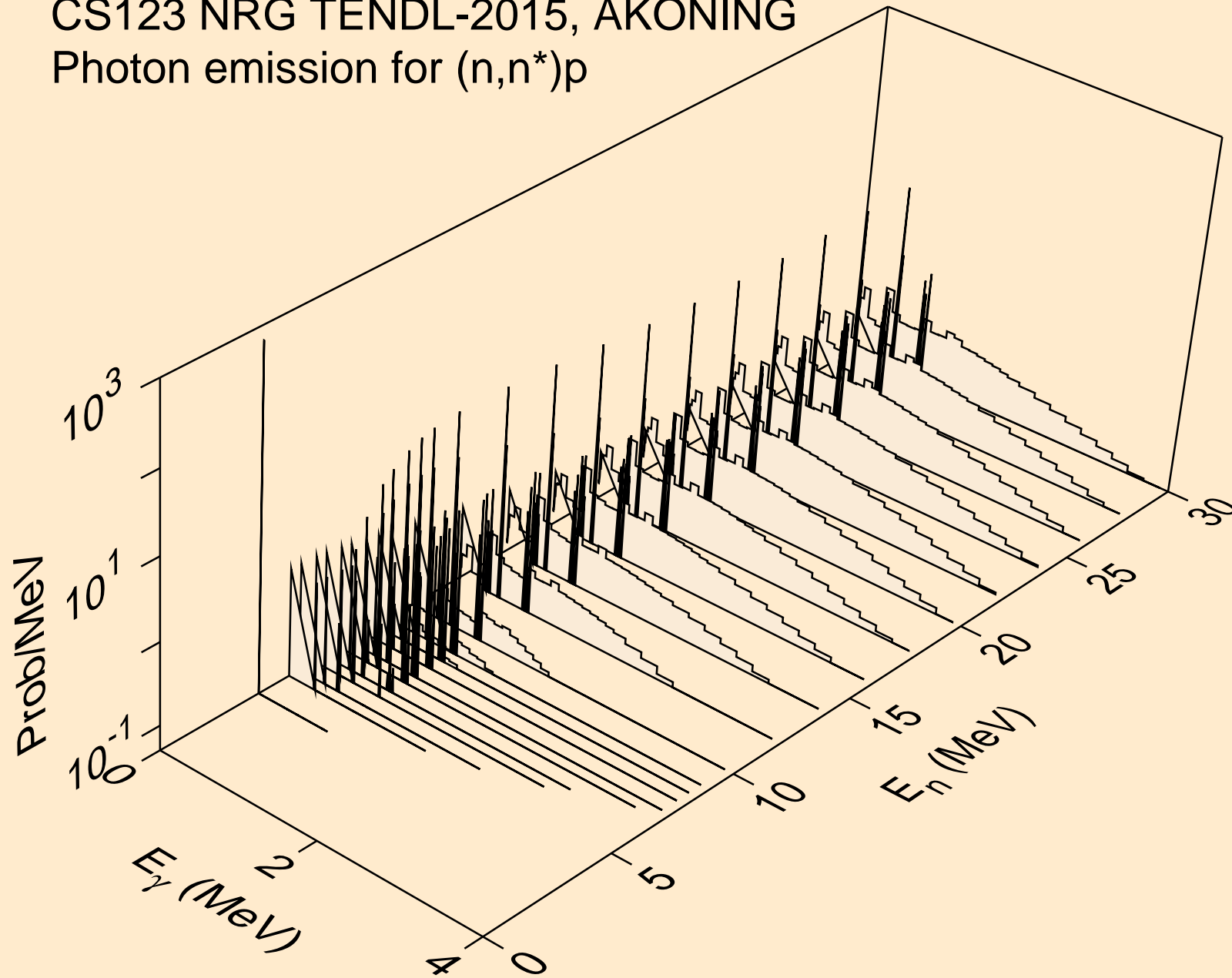


CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



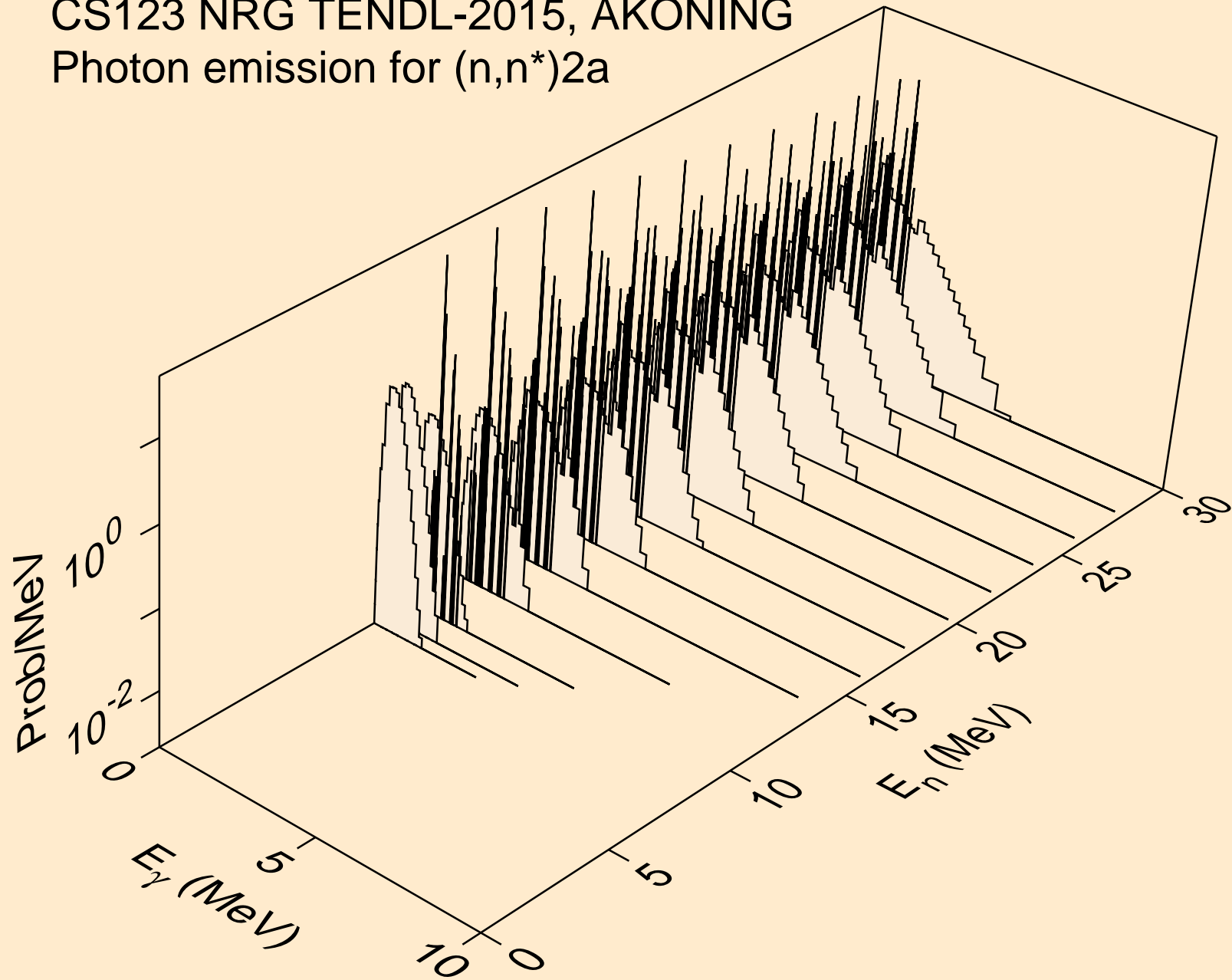
# CS123 NRG TENDL-2015, AKONING

Photon emission for (n,n\*)p

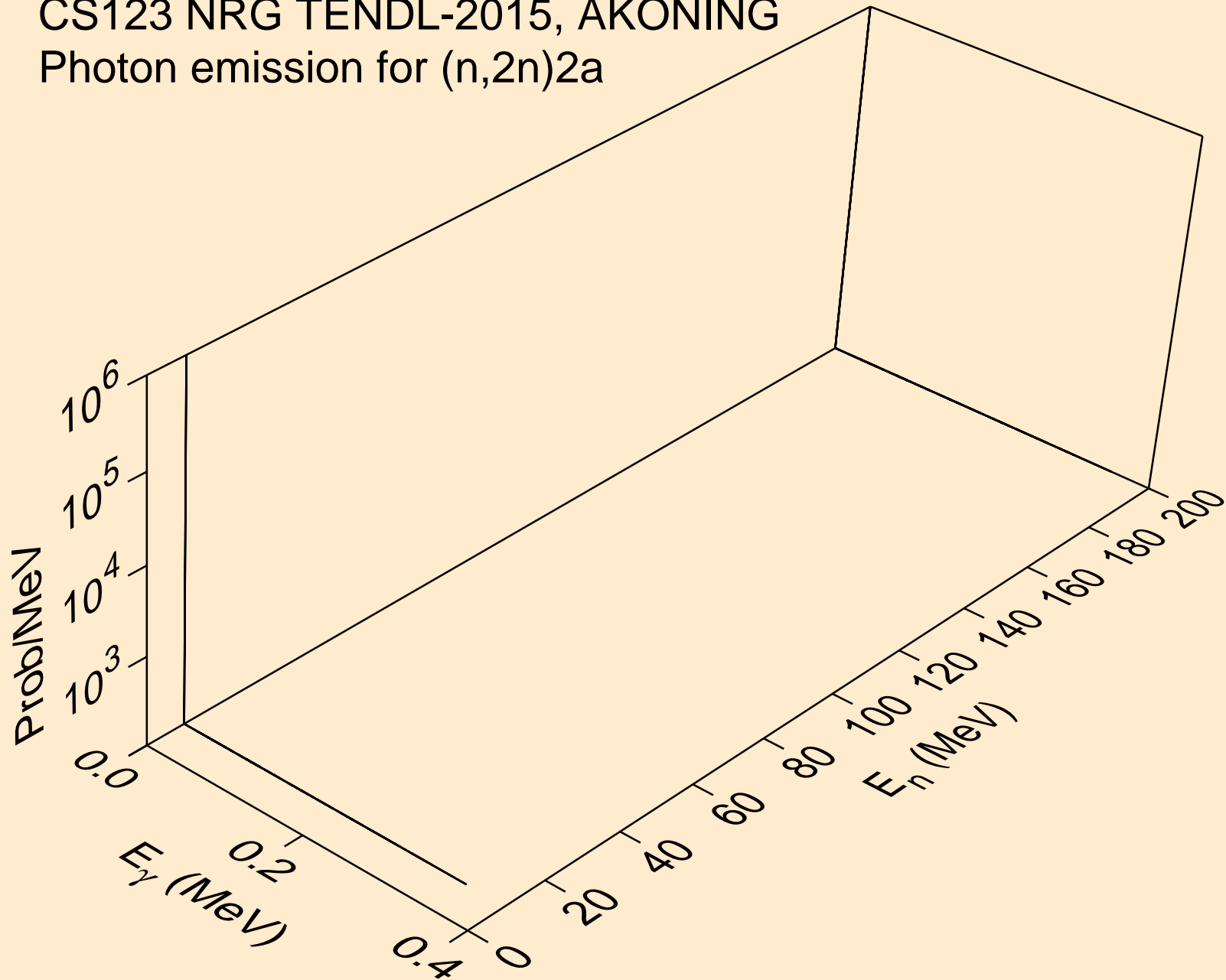




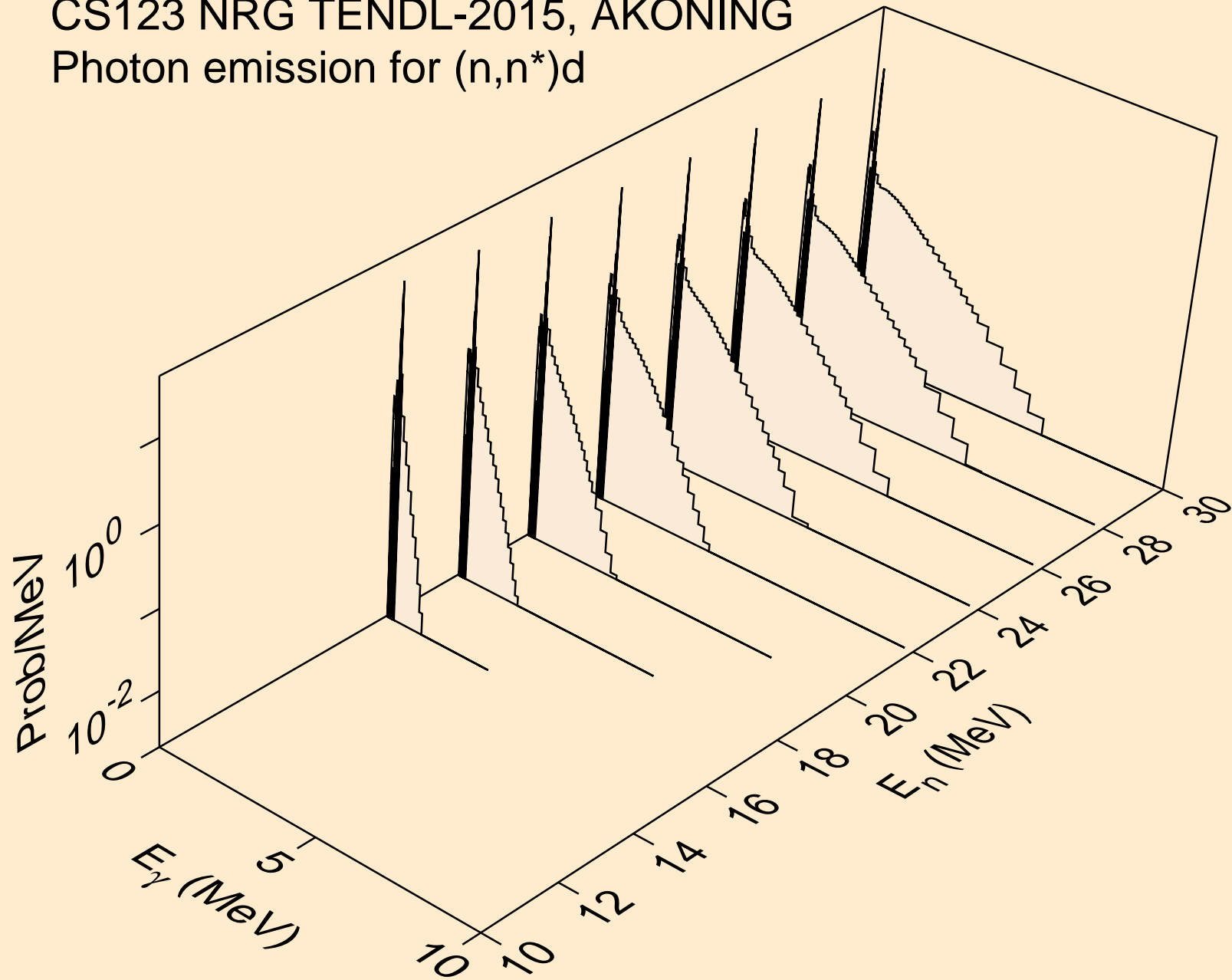
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



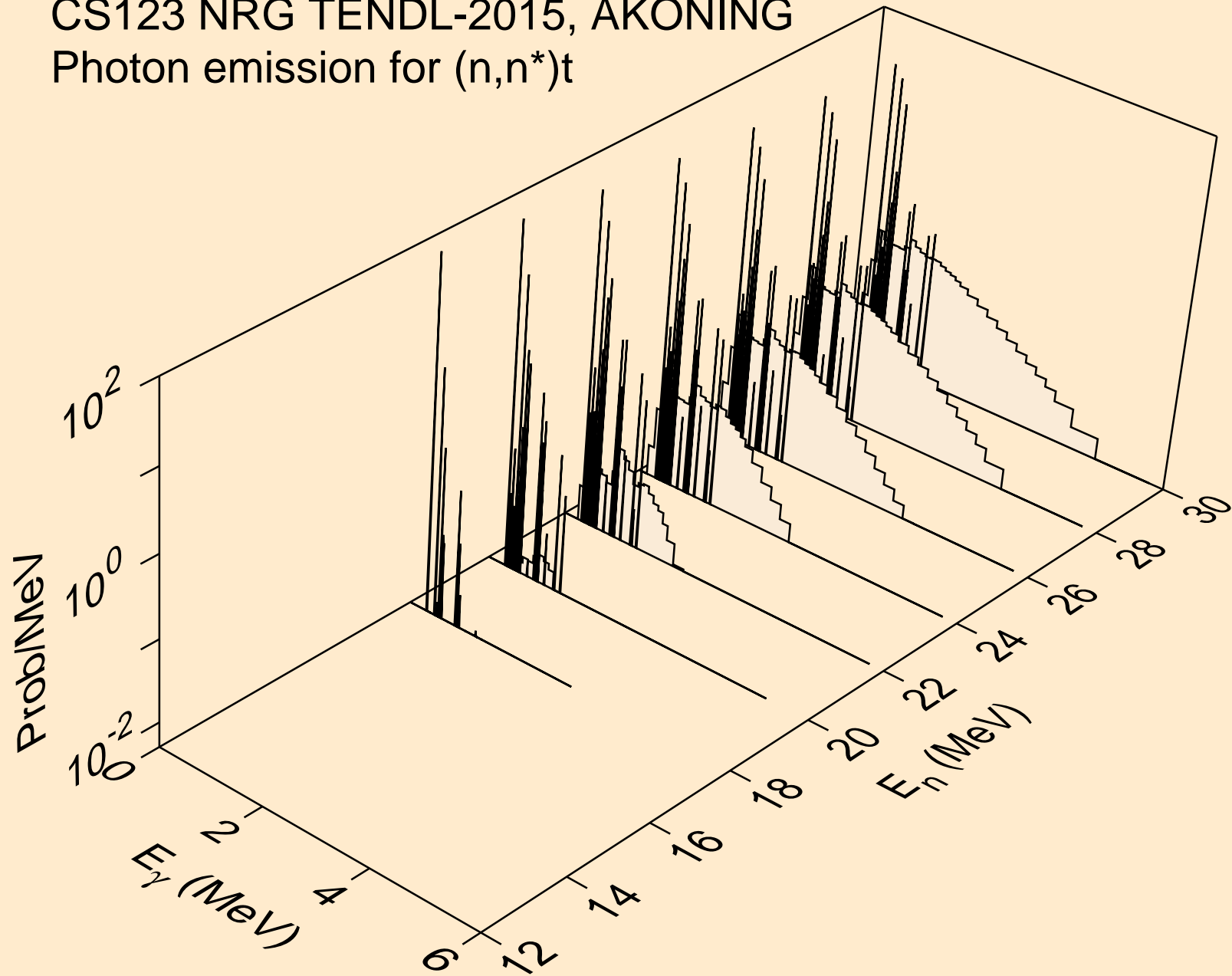
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



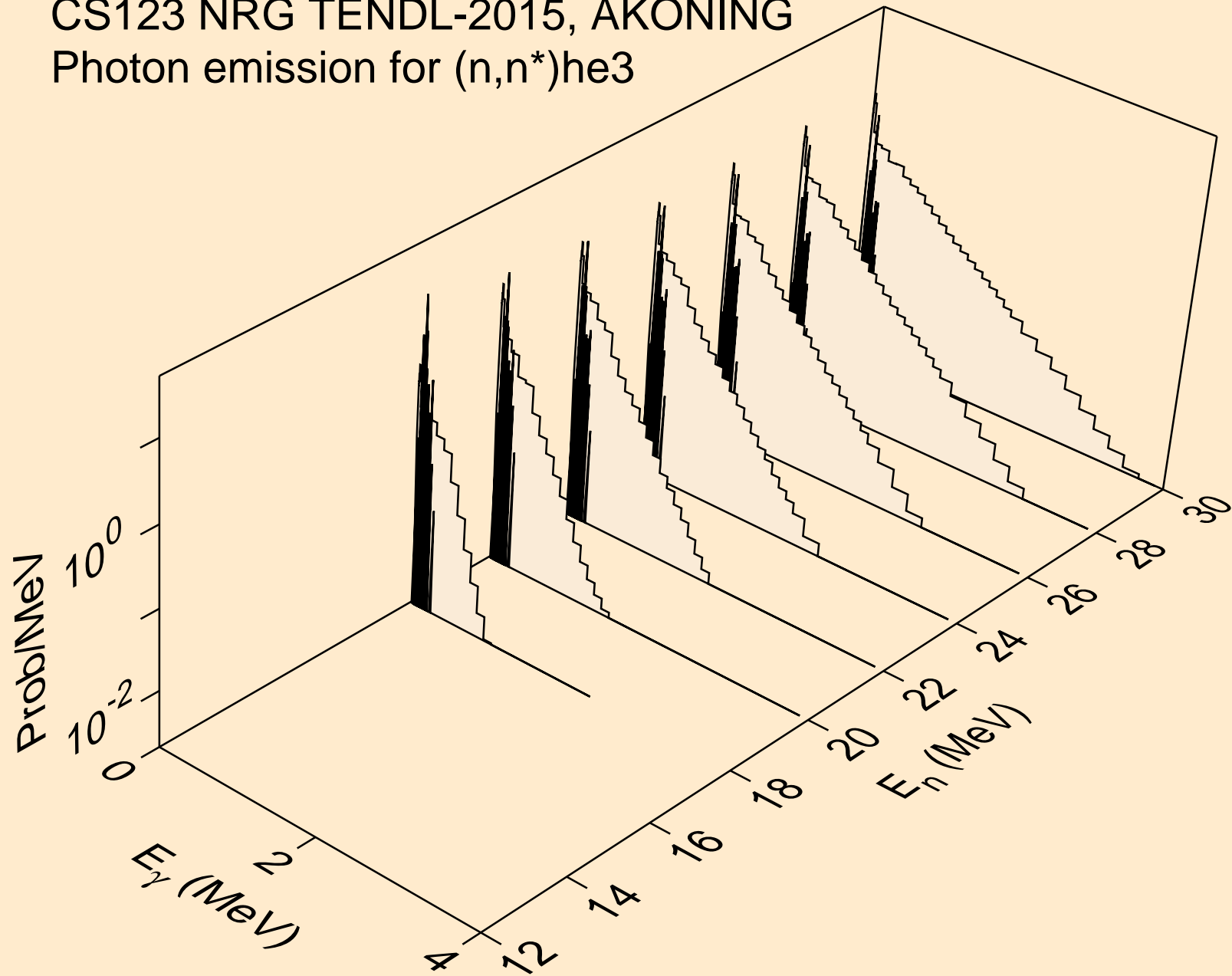
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



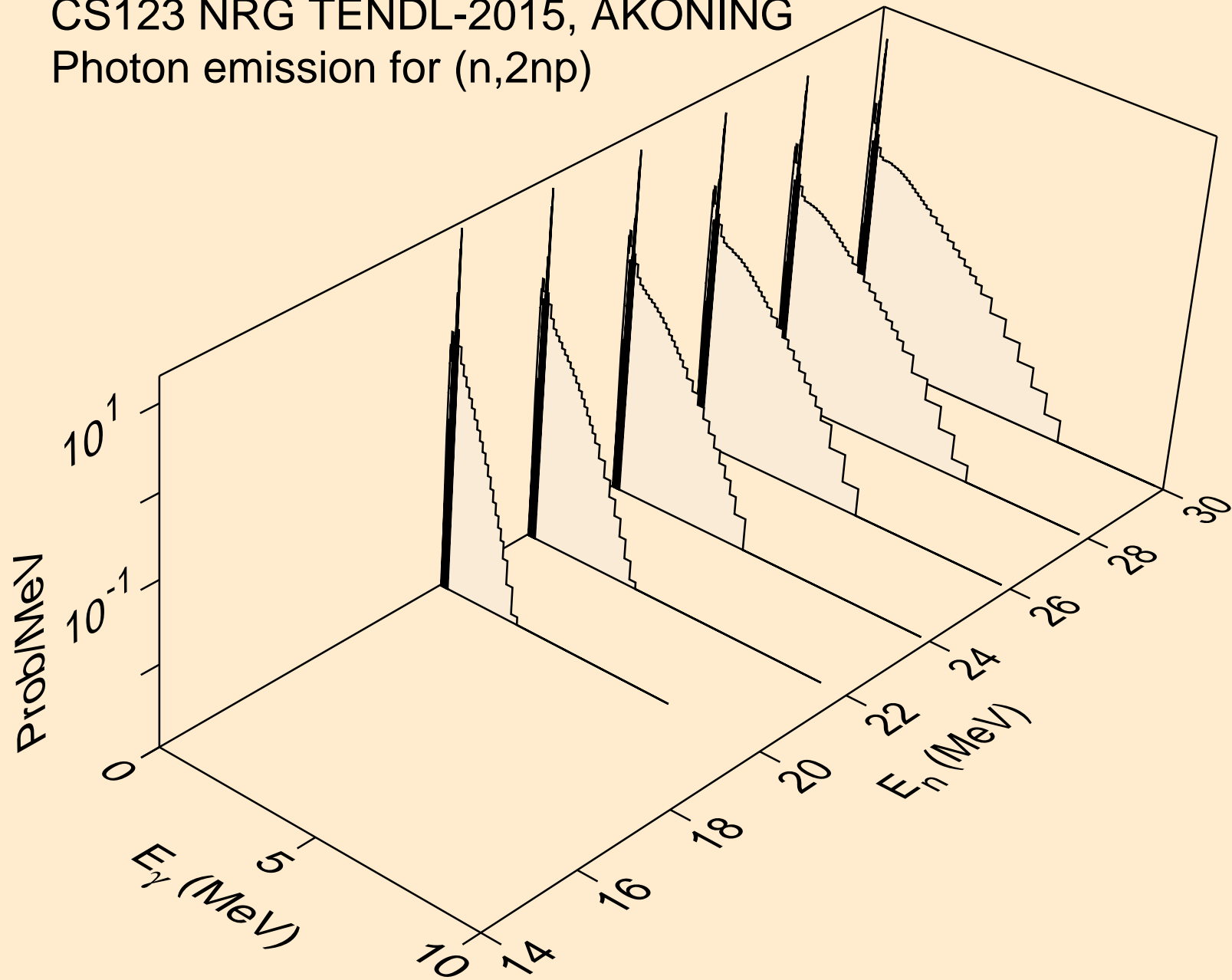
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



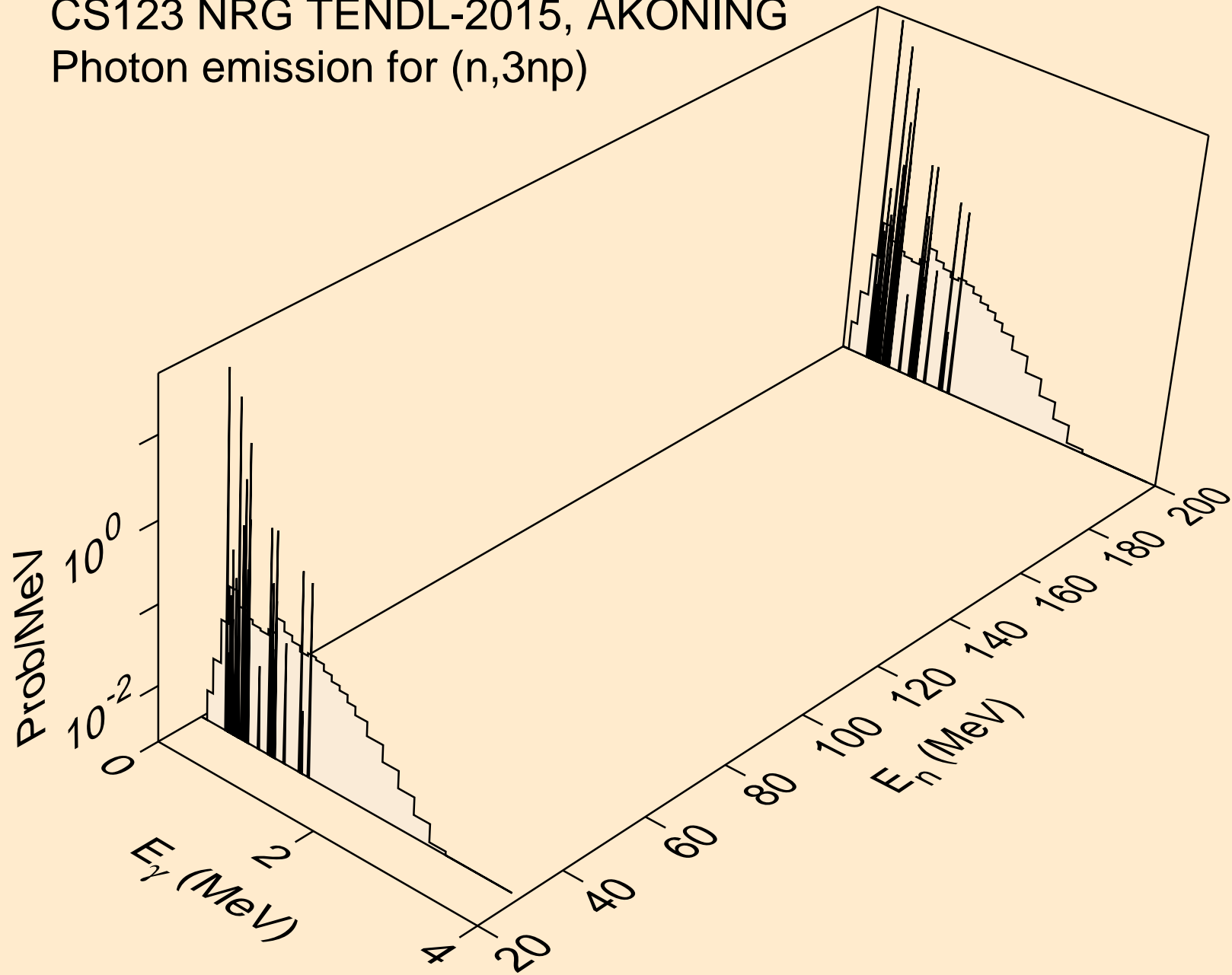
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



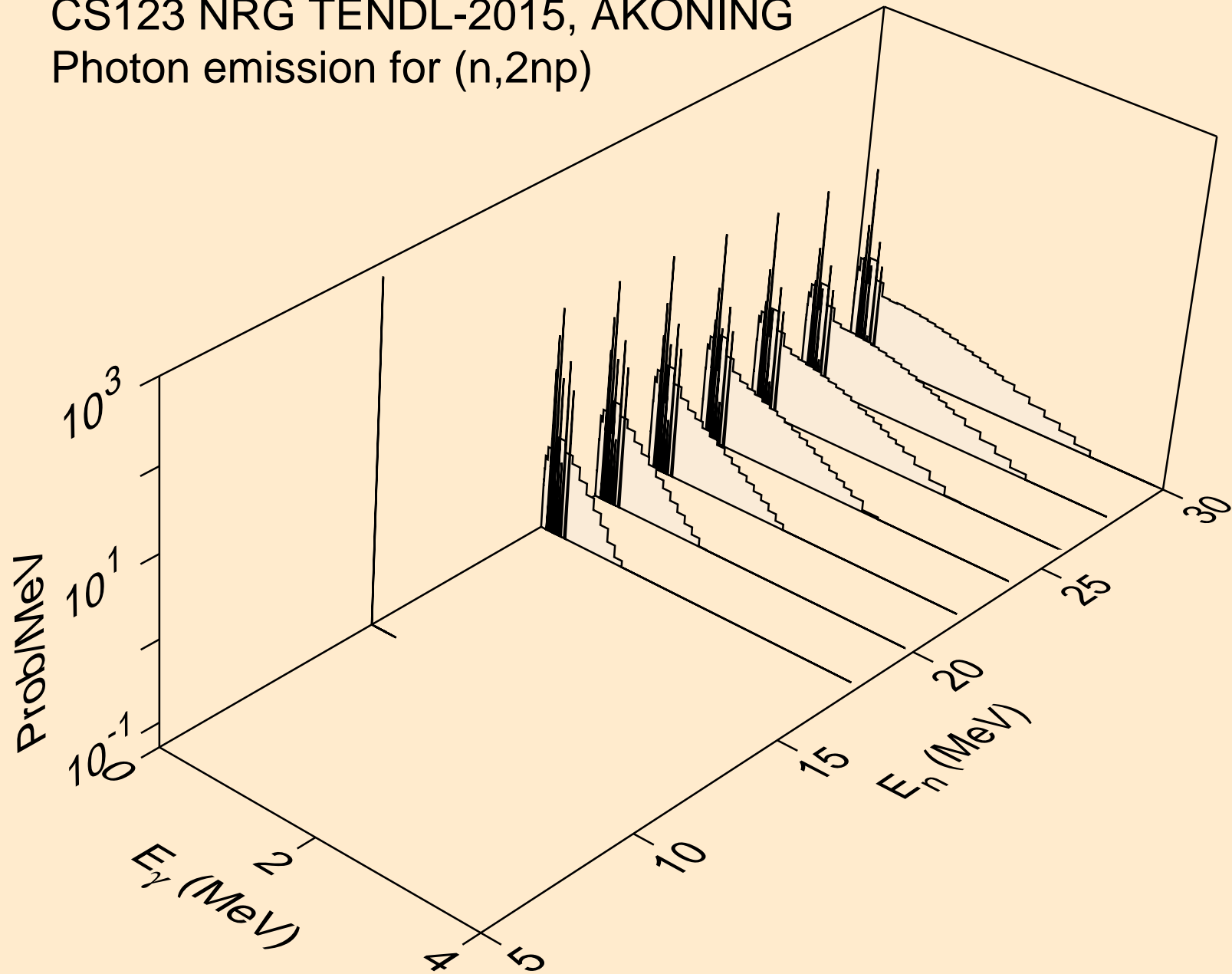
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

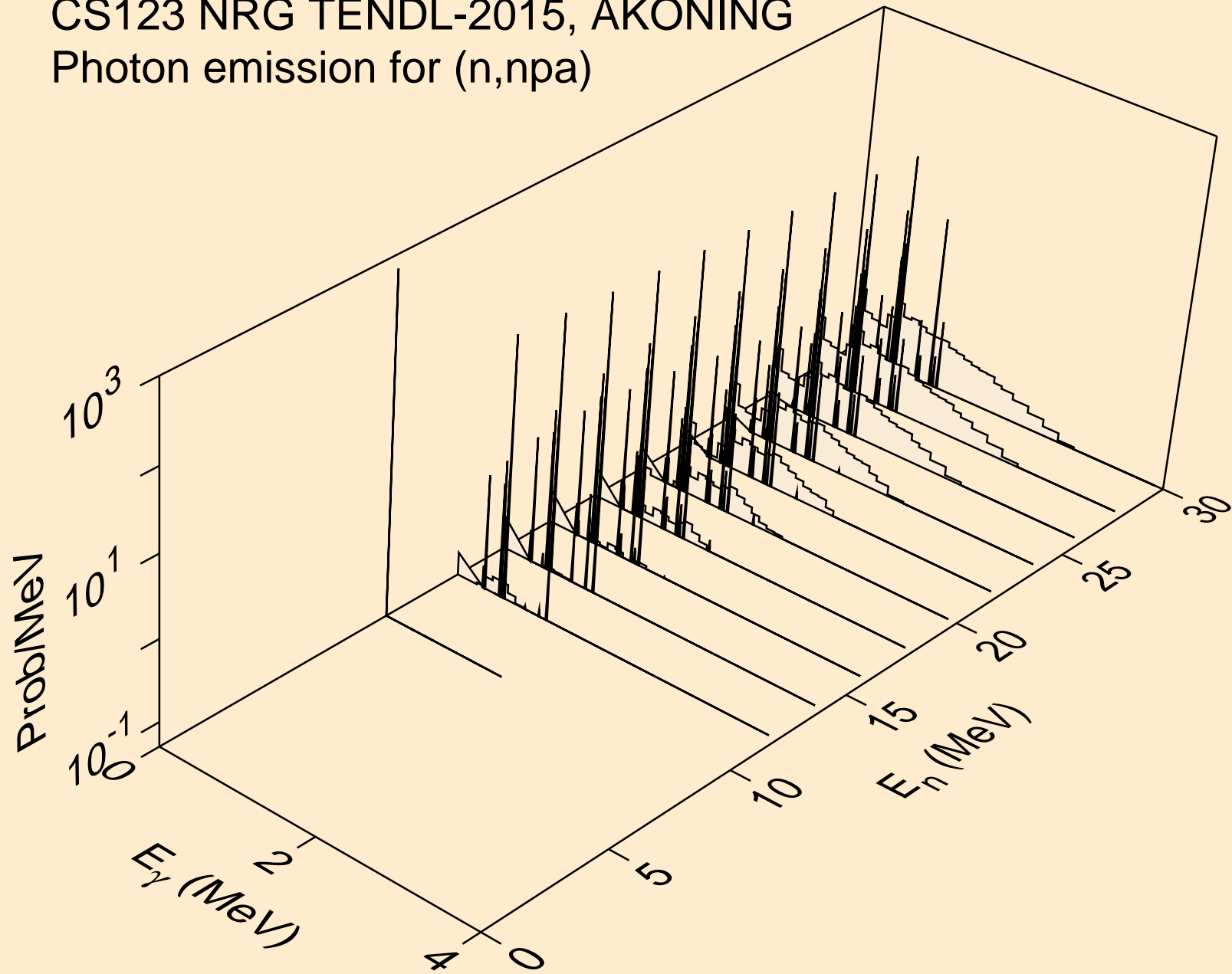


CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

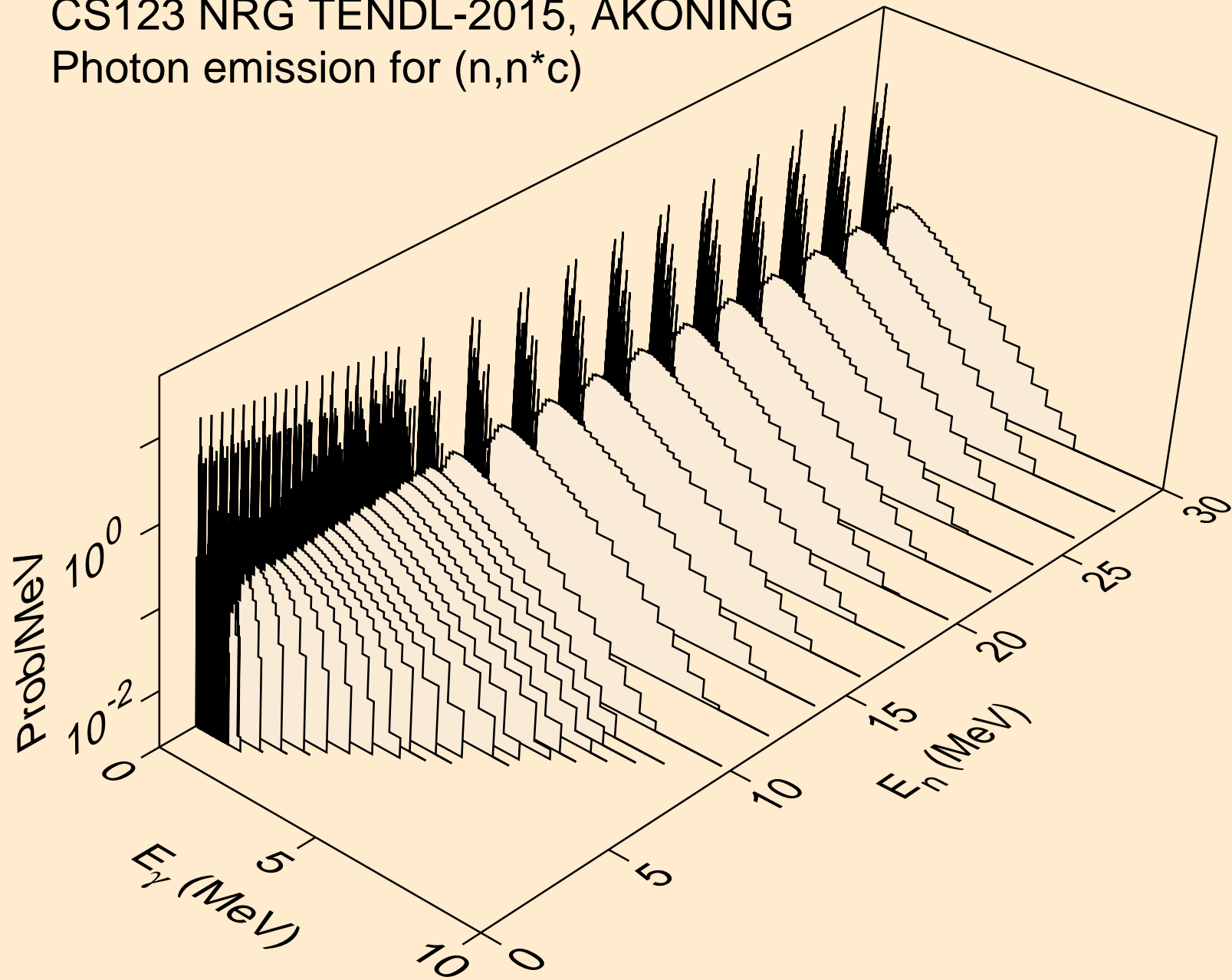




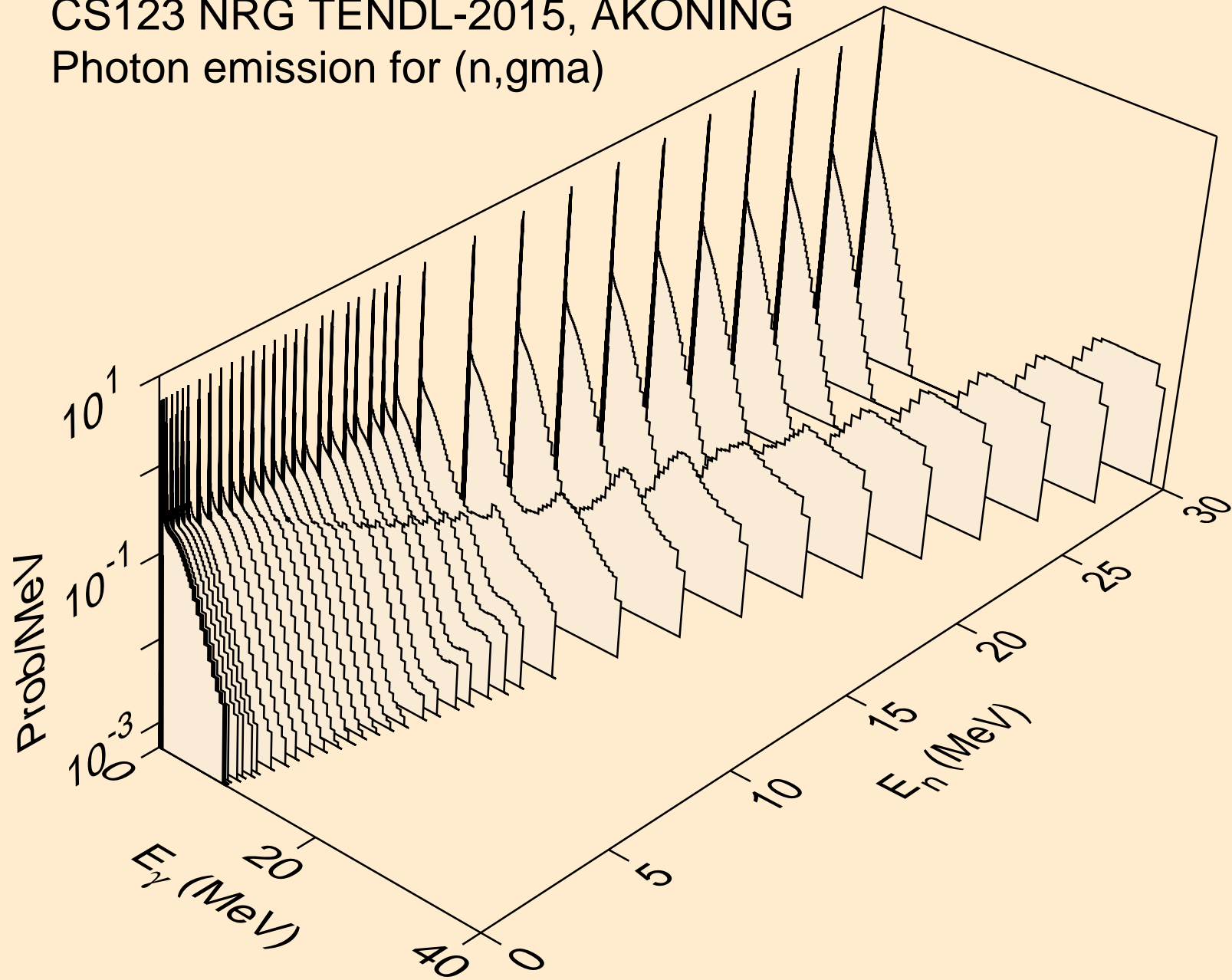
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



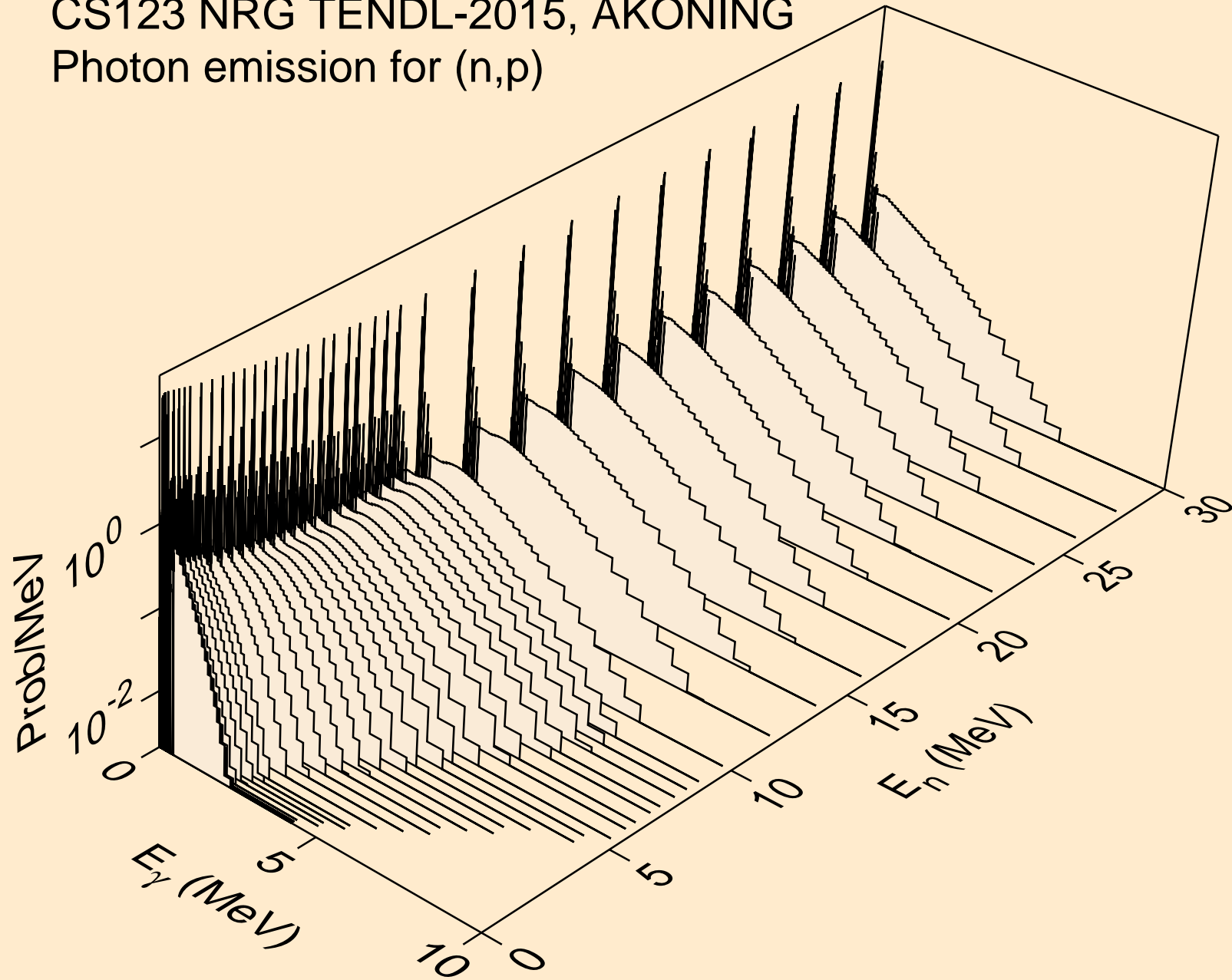
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



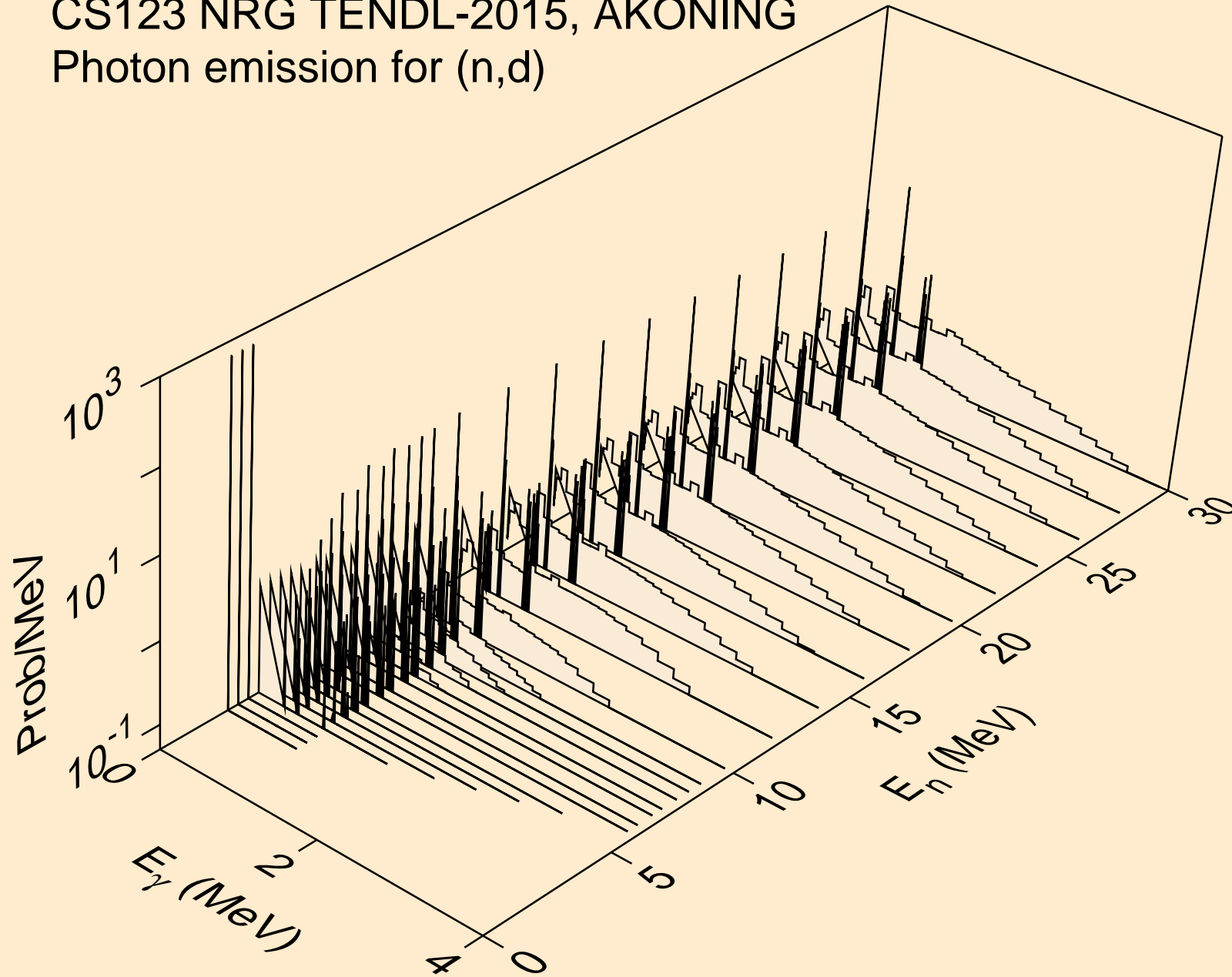
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



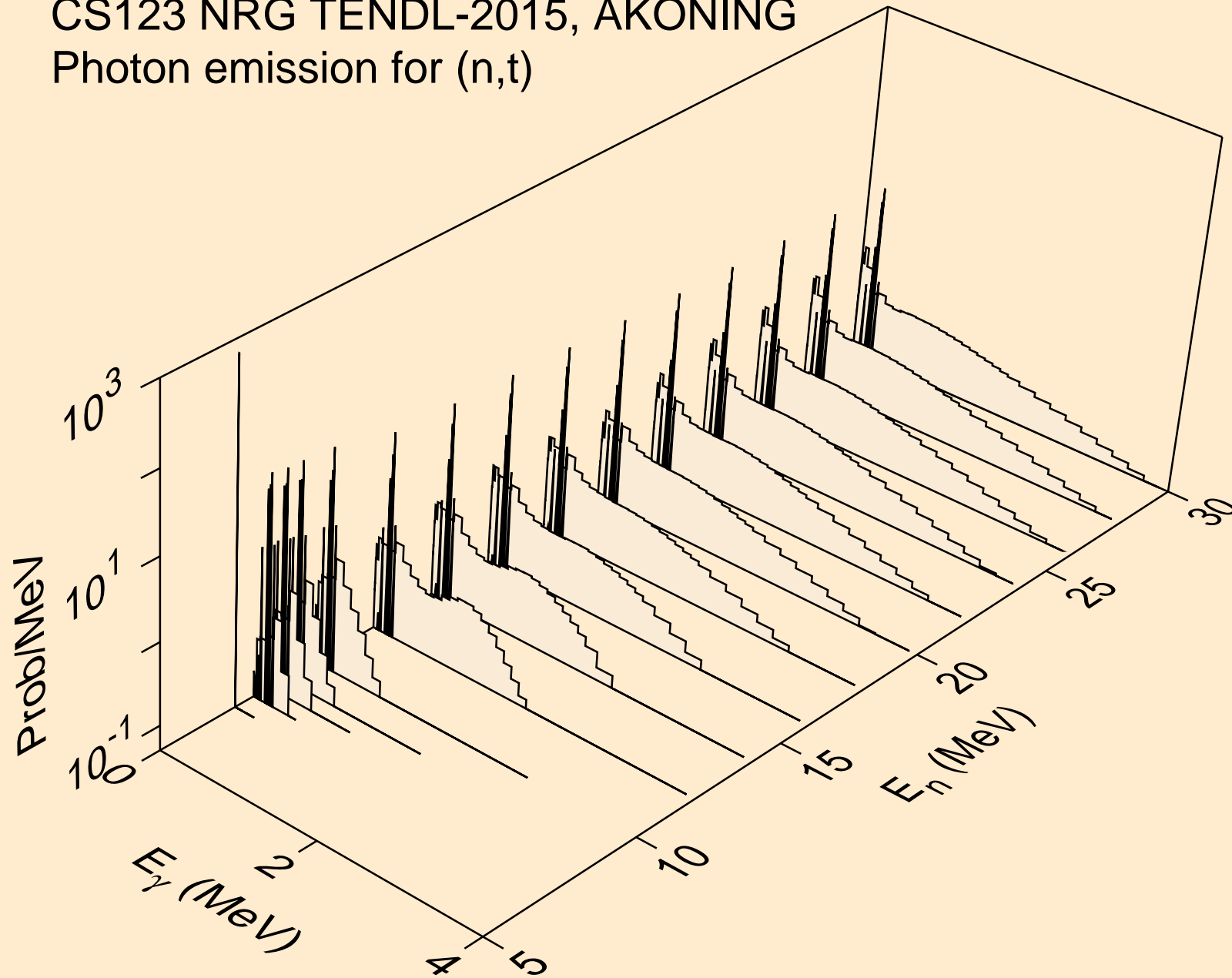
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



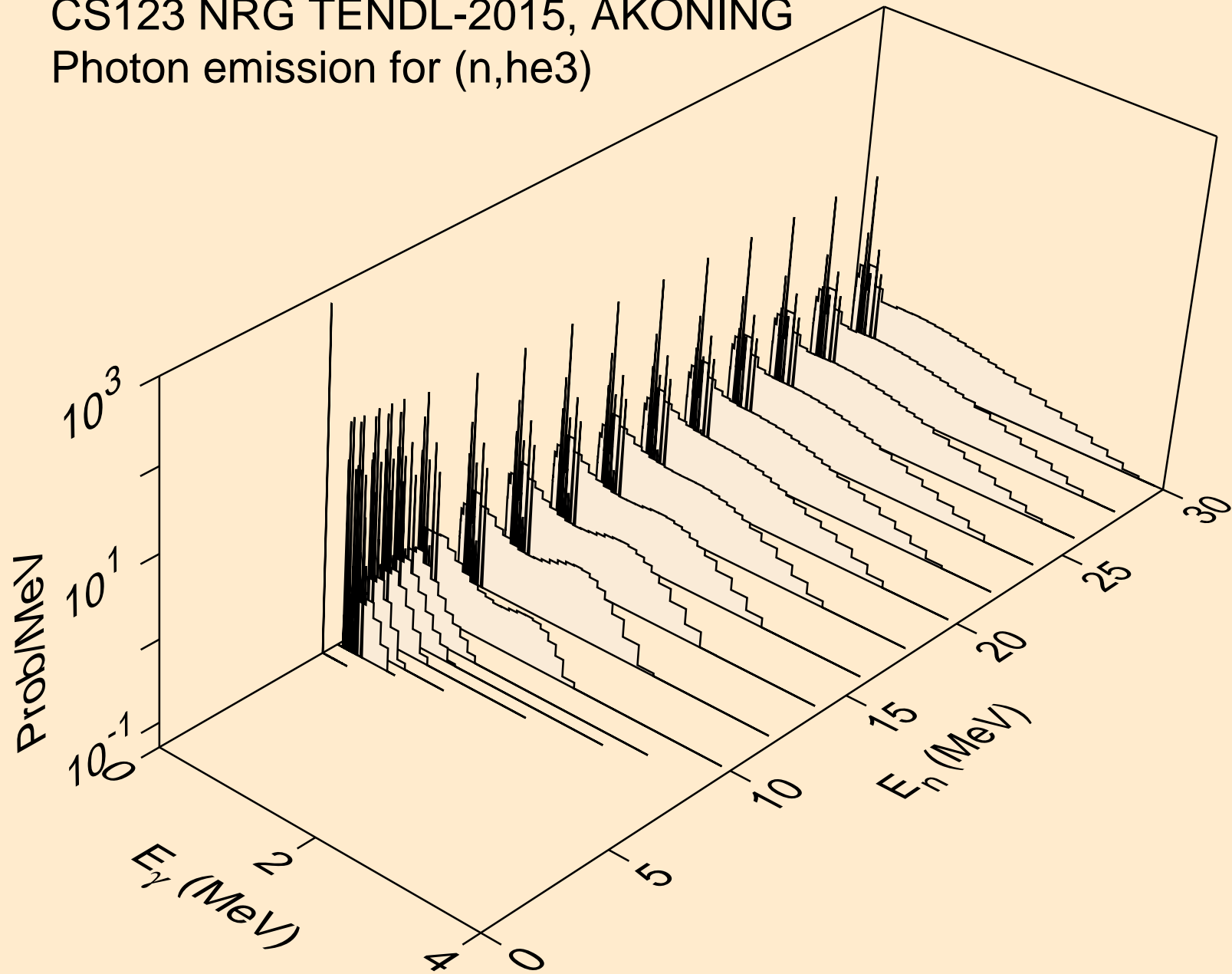
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



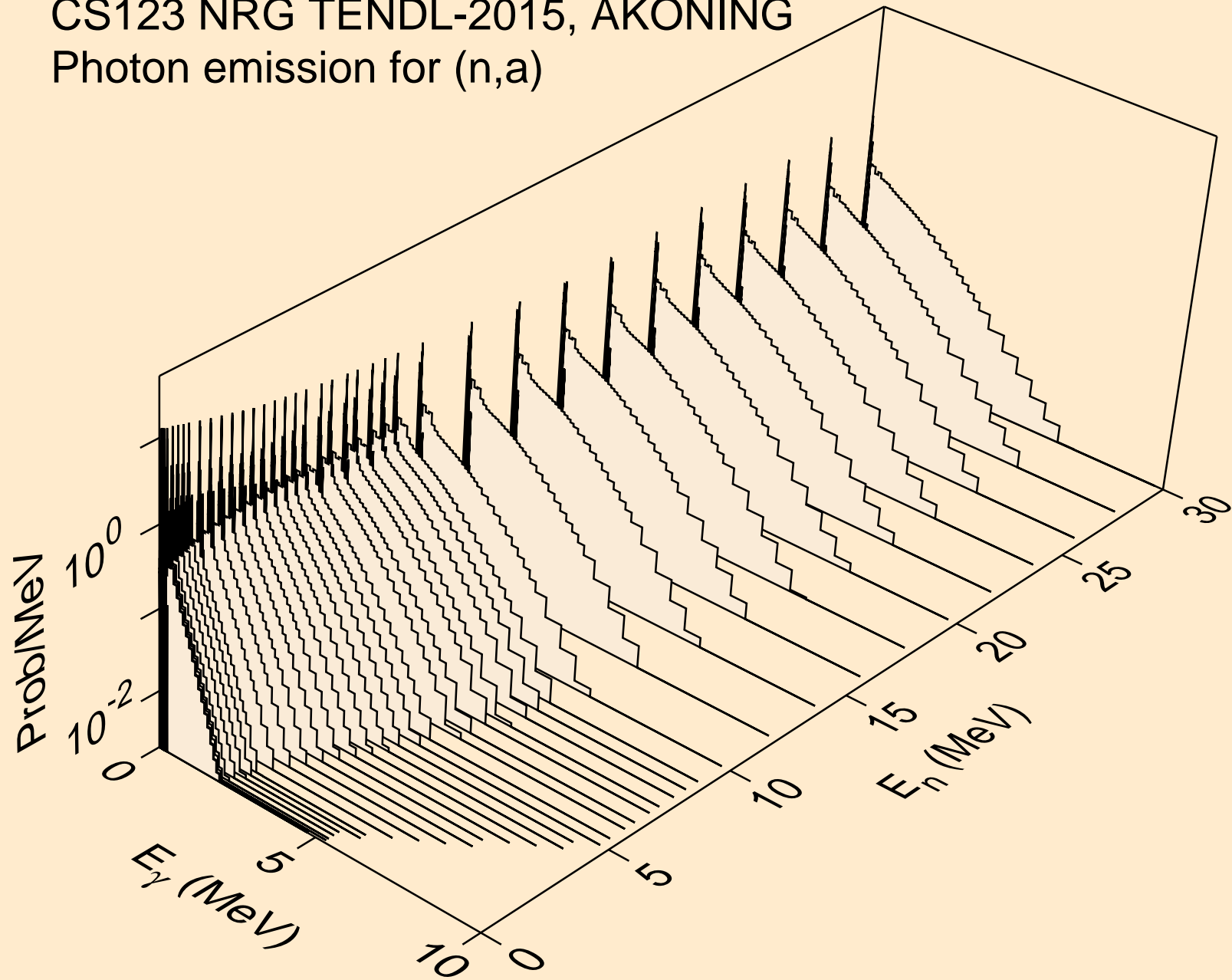
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

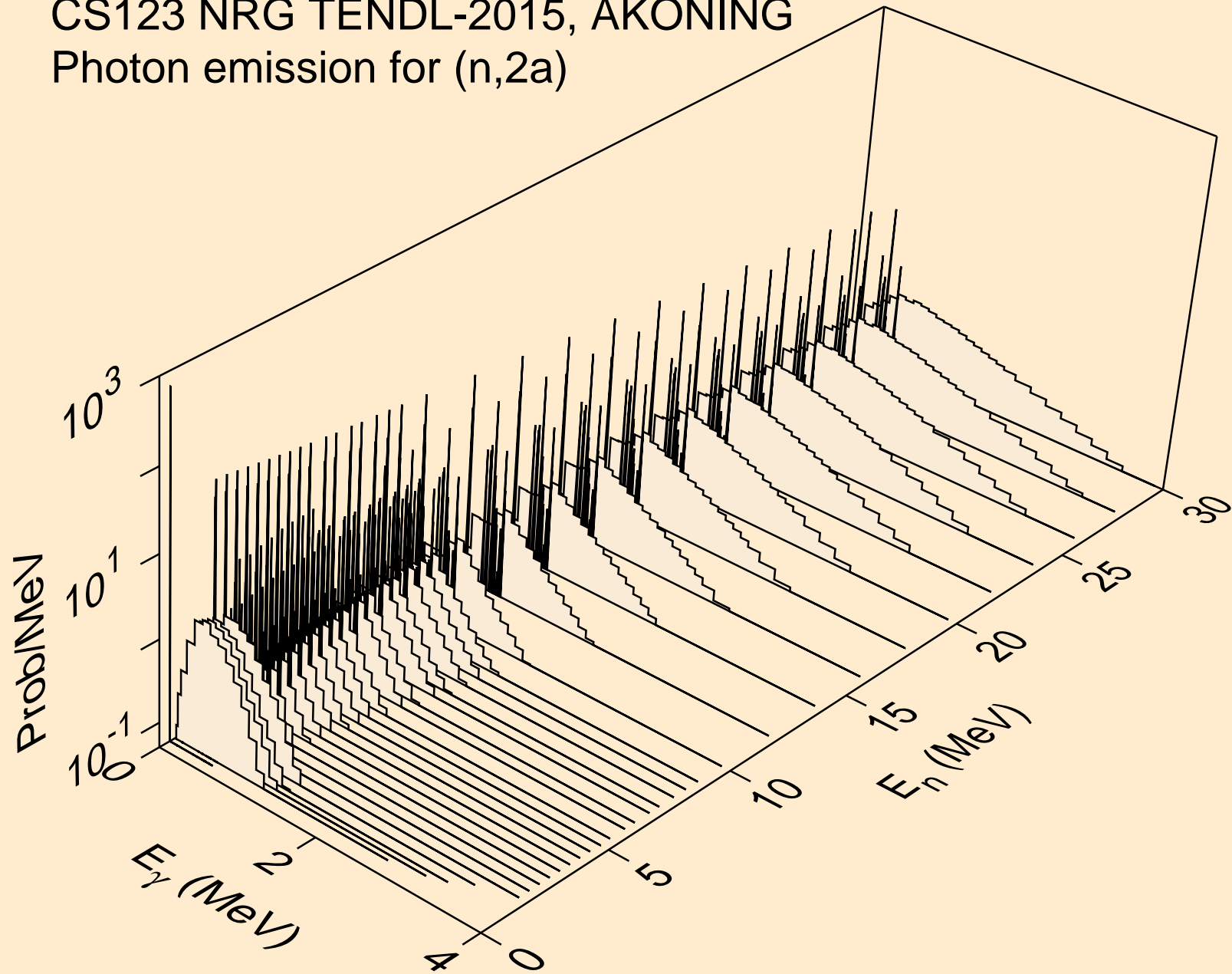


CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

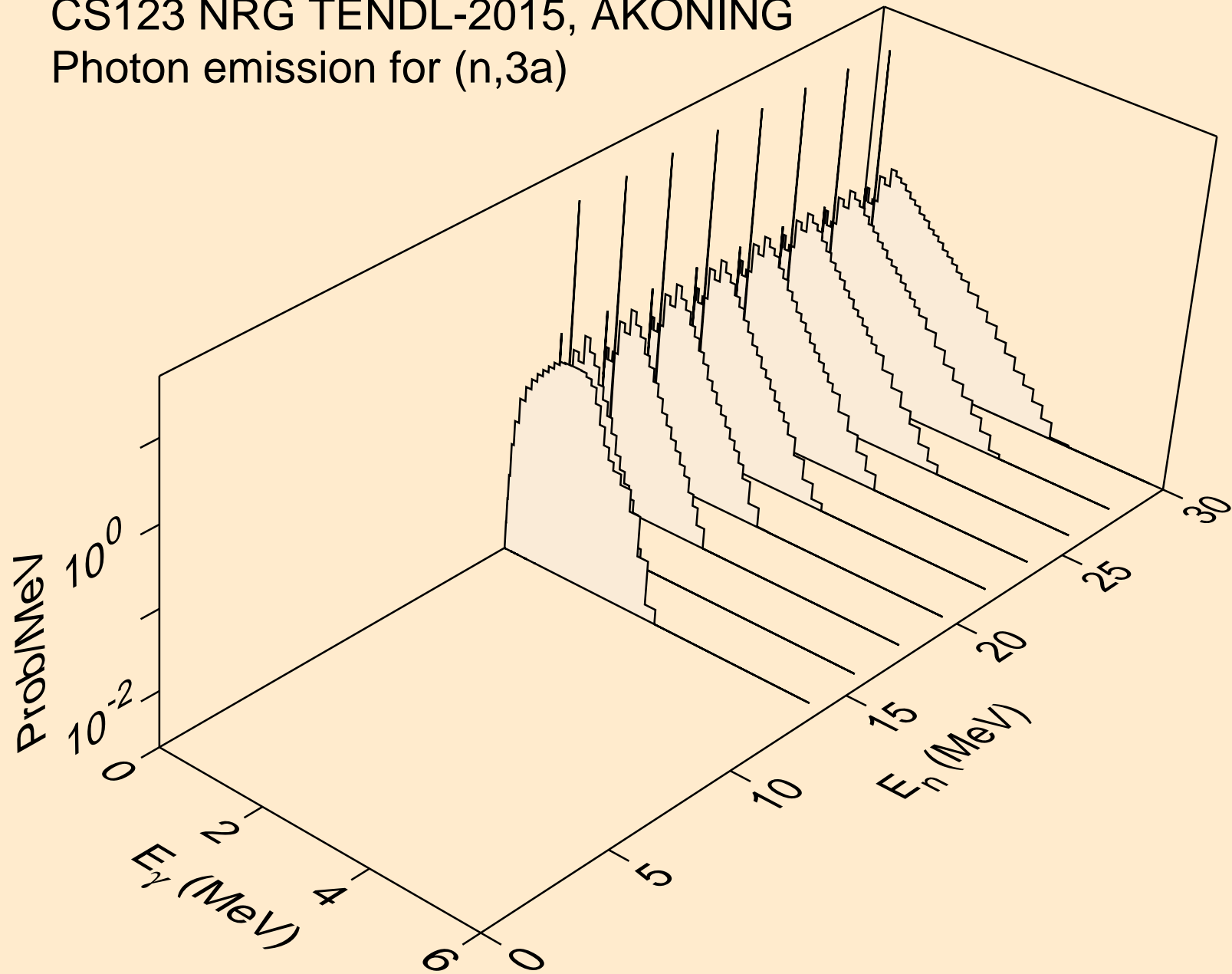




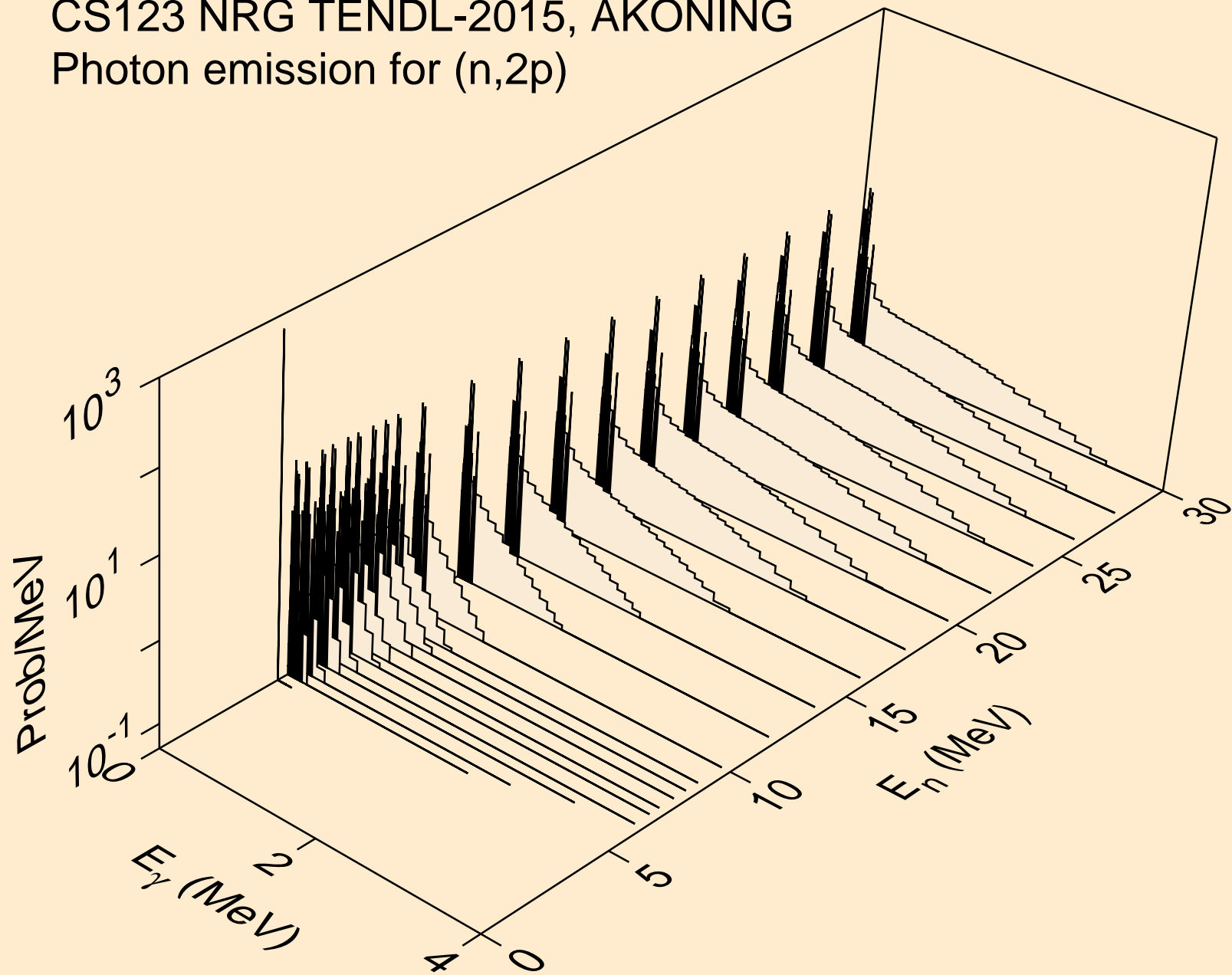
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



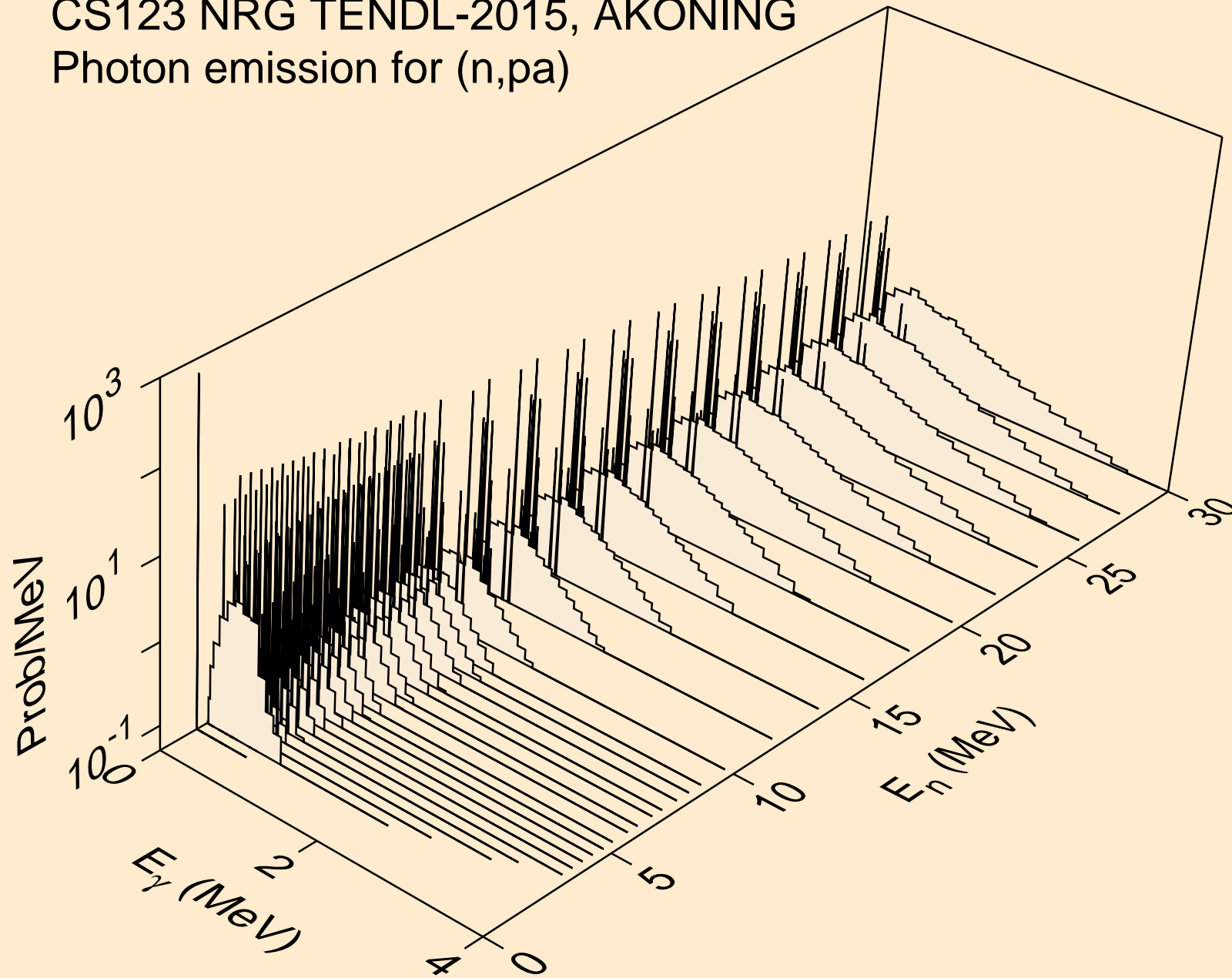
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



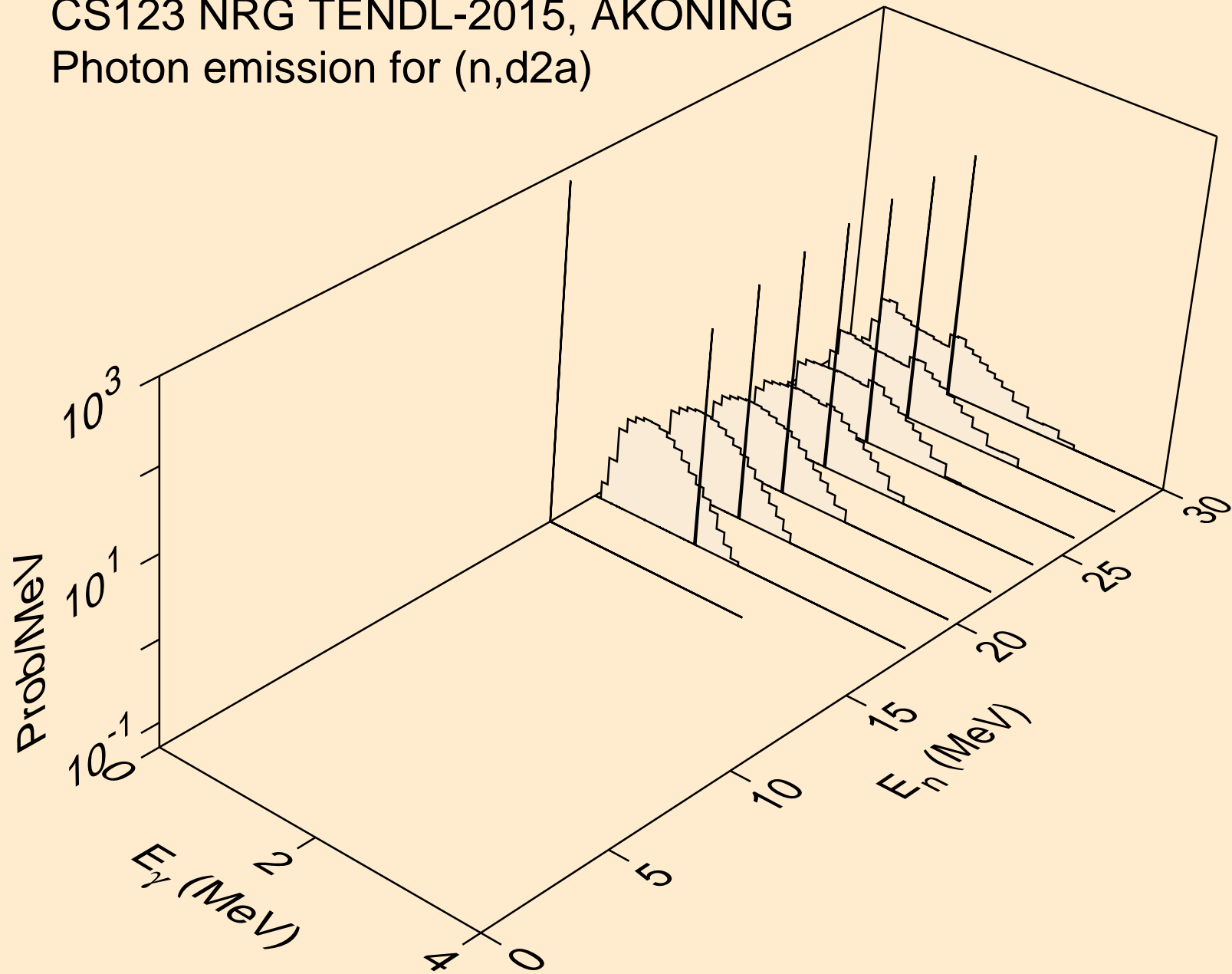
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



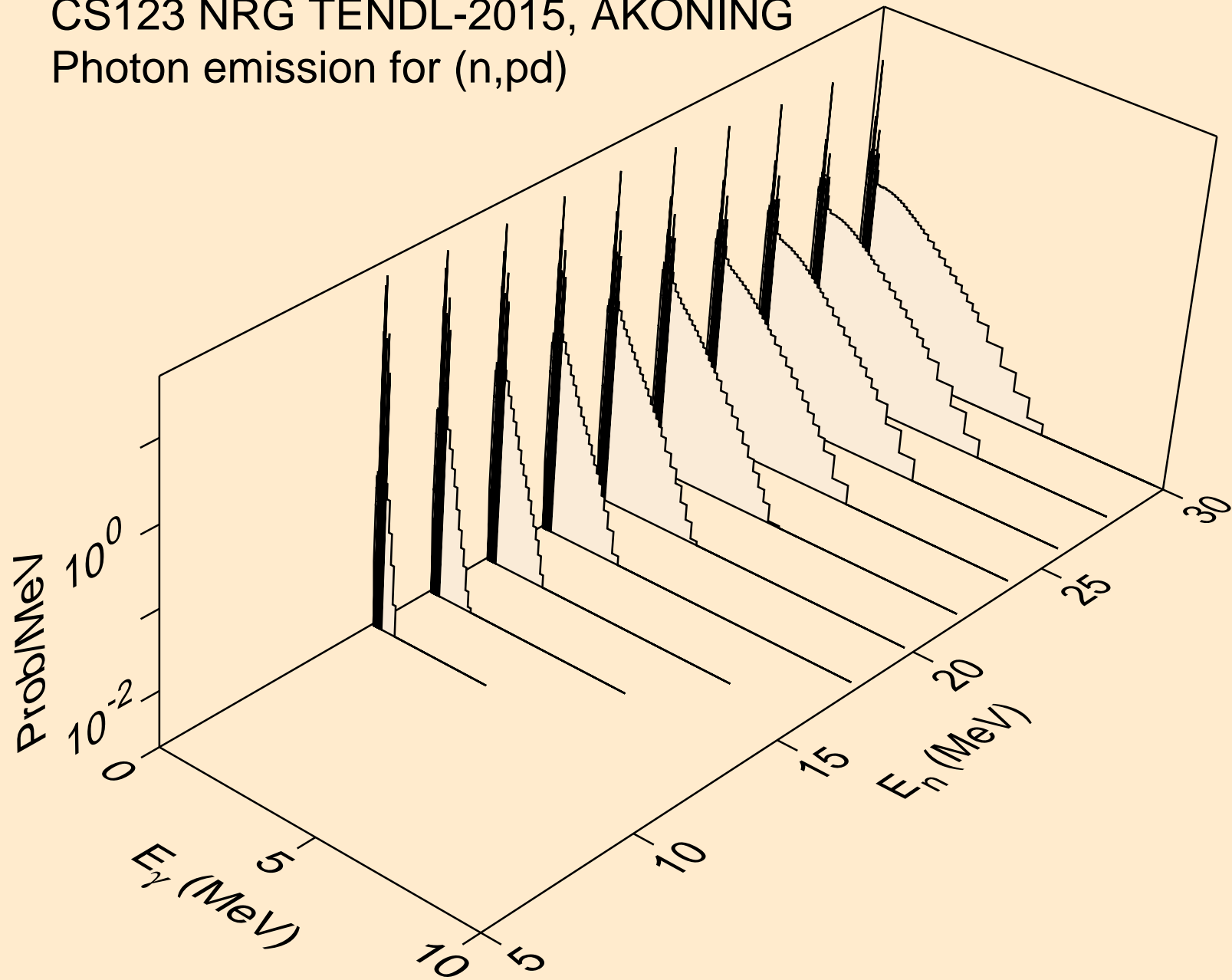
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



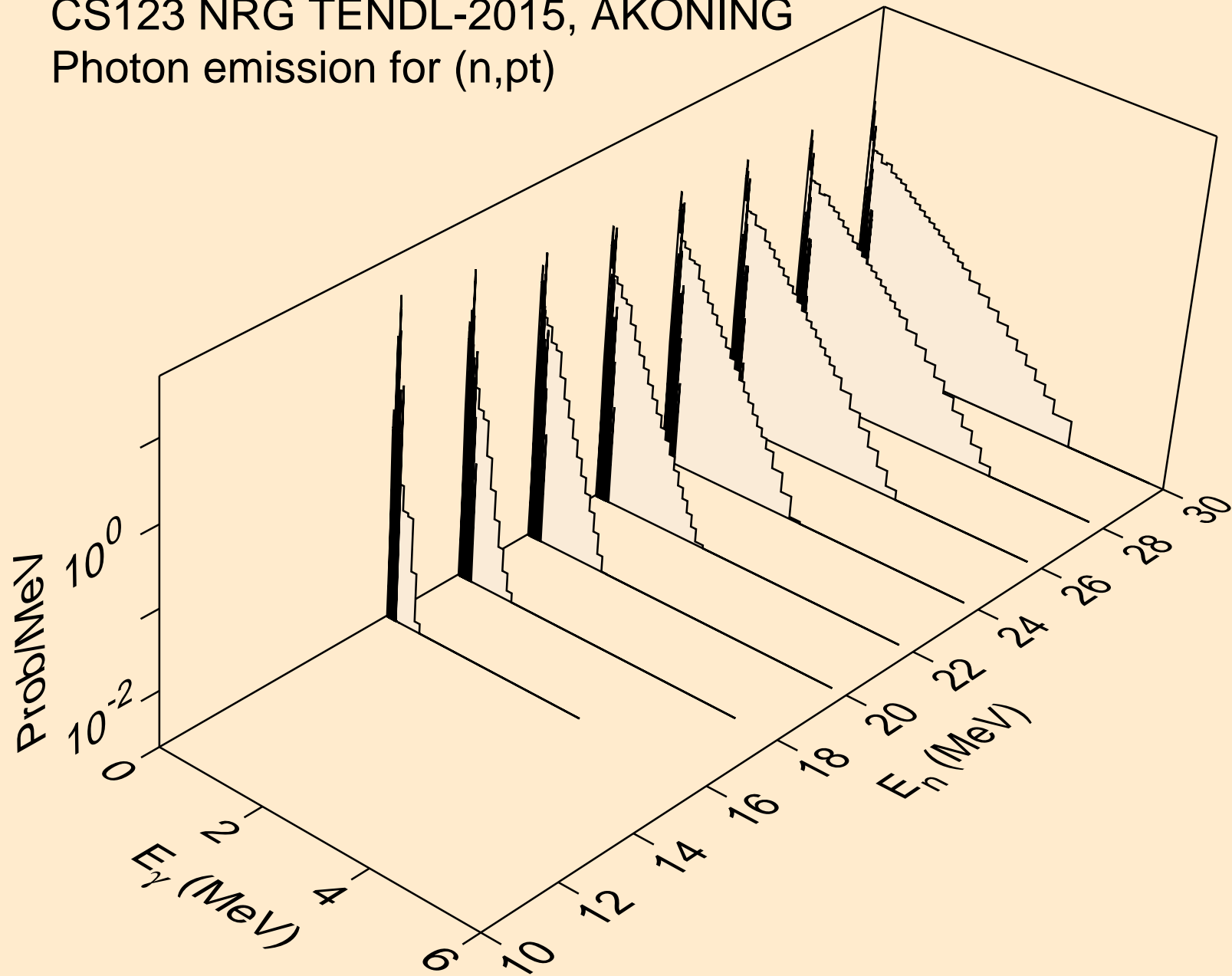
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



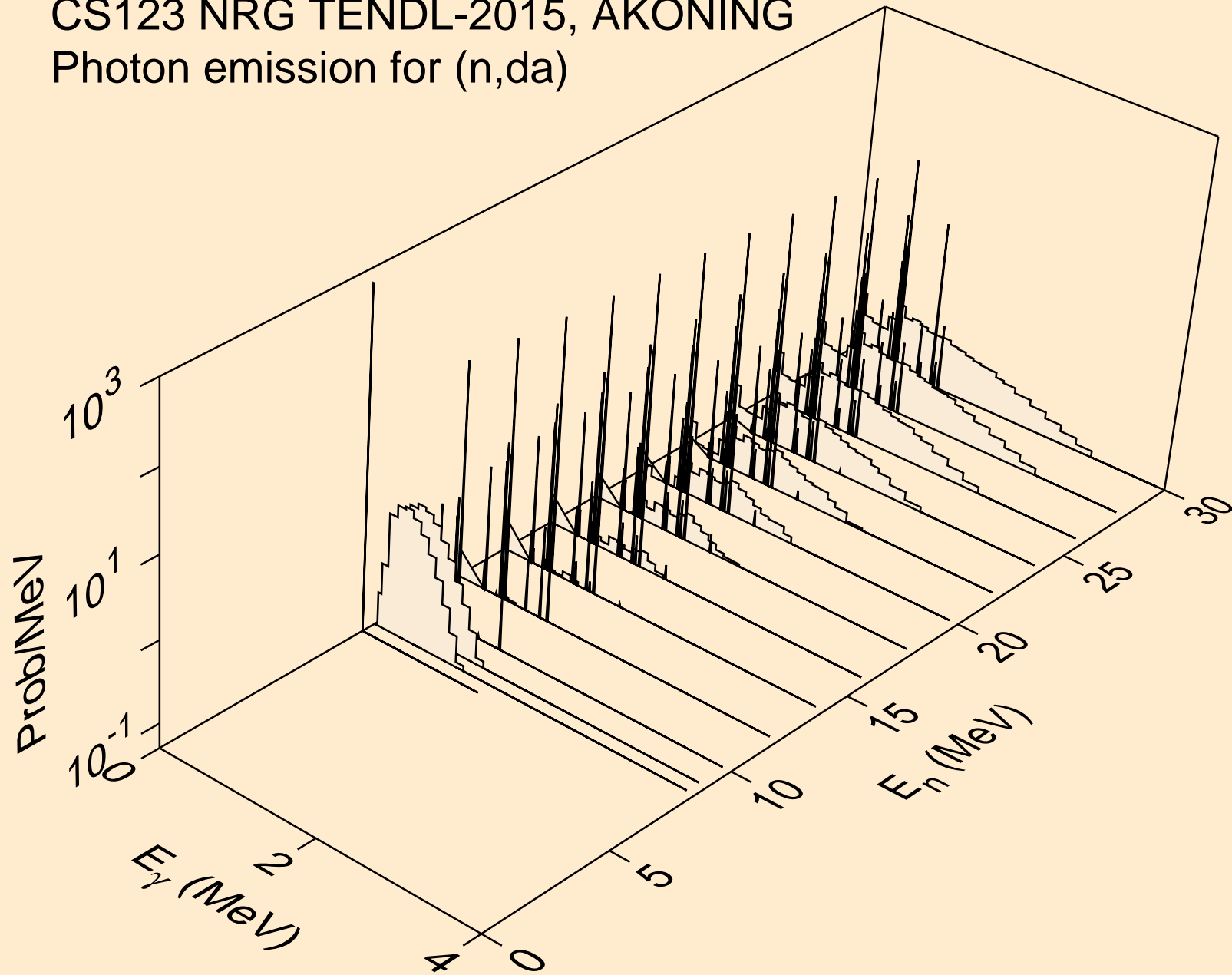
CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

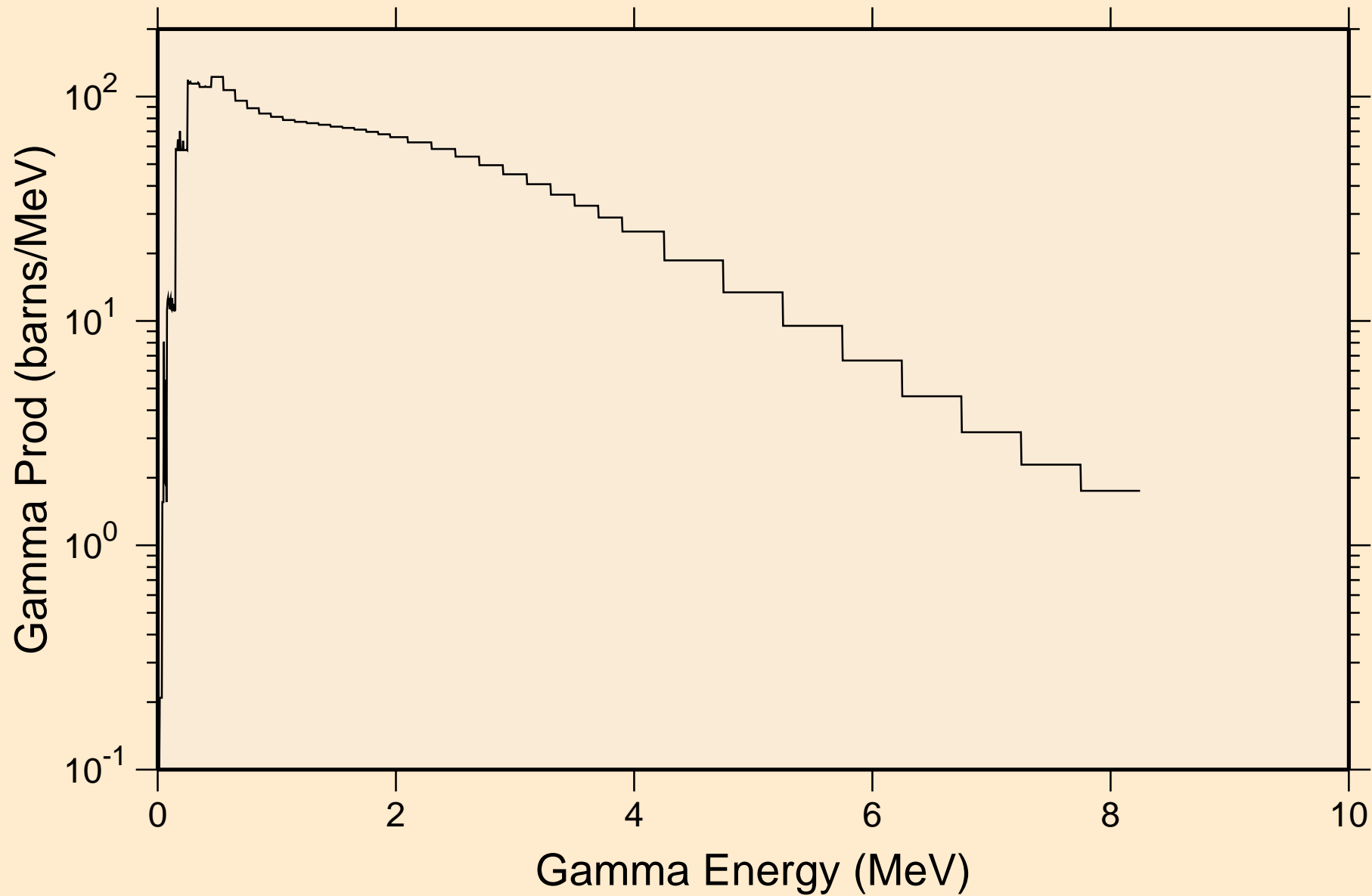


CS123 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



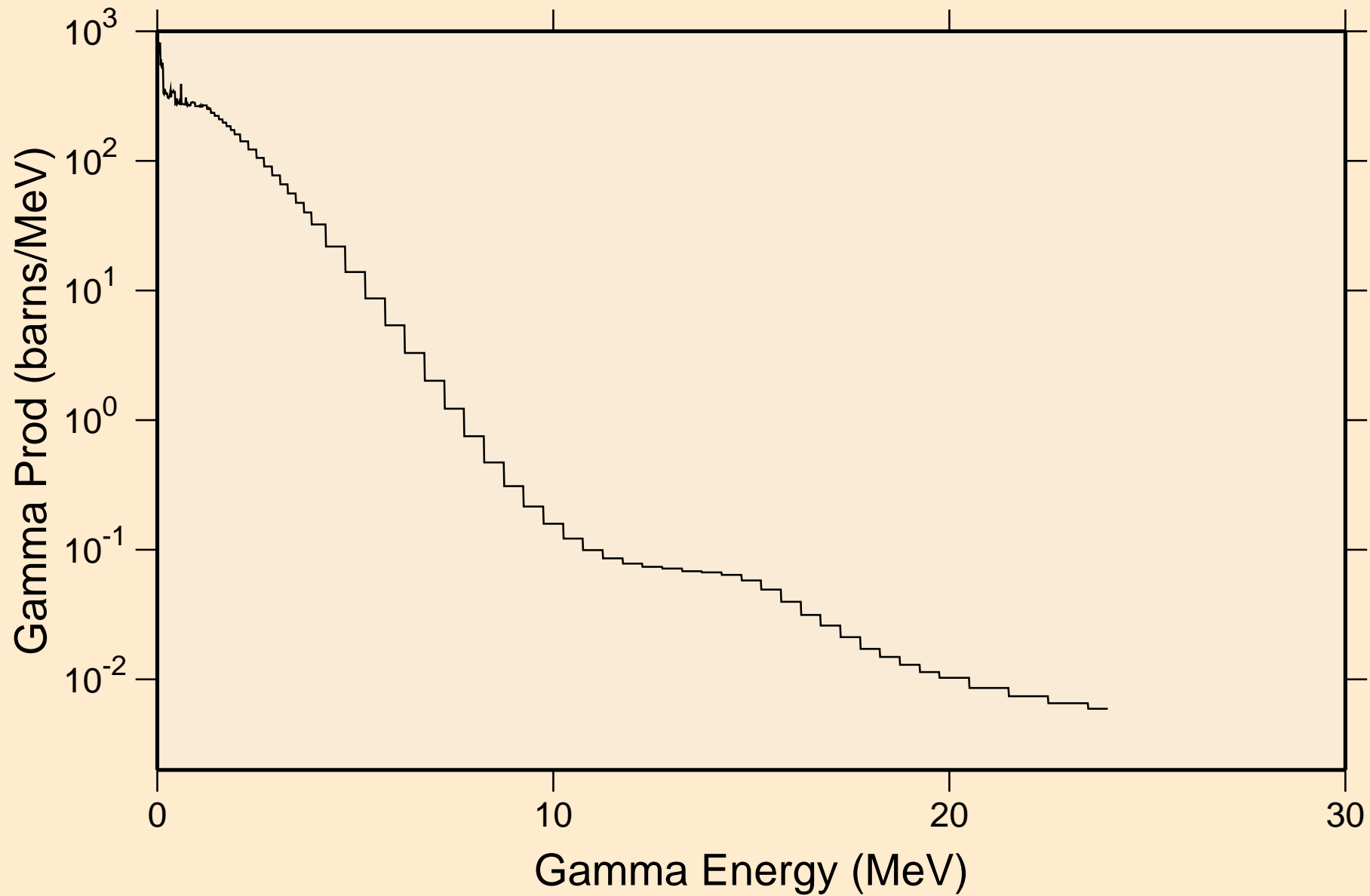


CS123 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



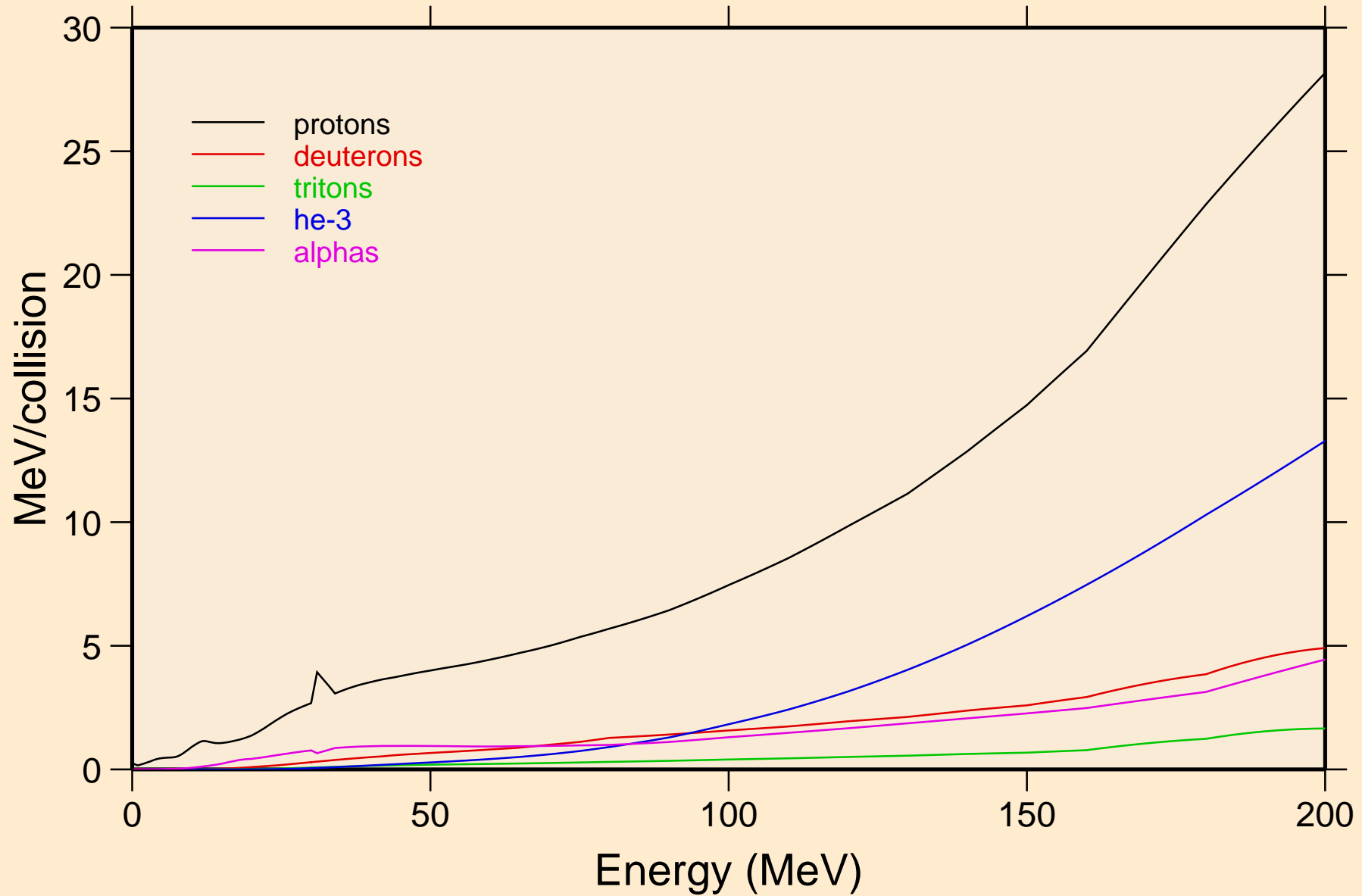
# CS123 NRG TENDL-2015, AKONING

## 14 MeV photon spectrum



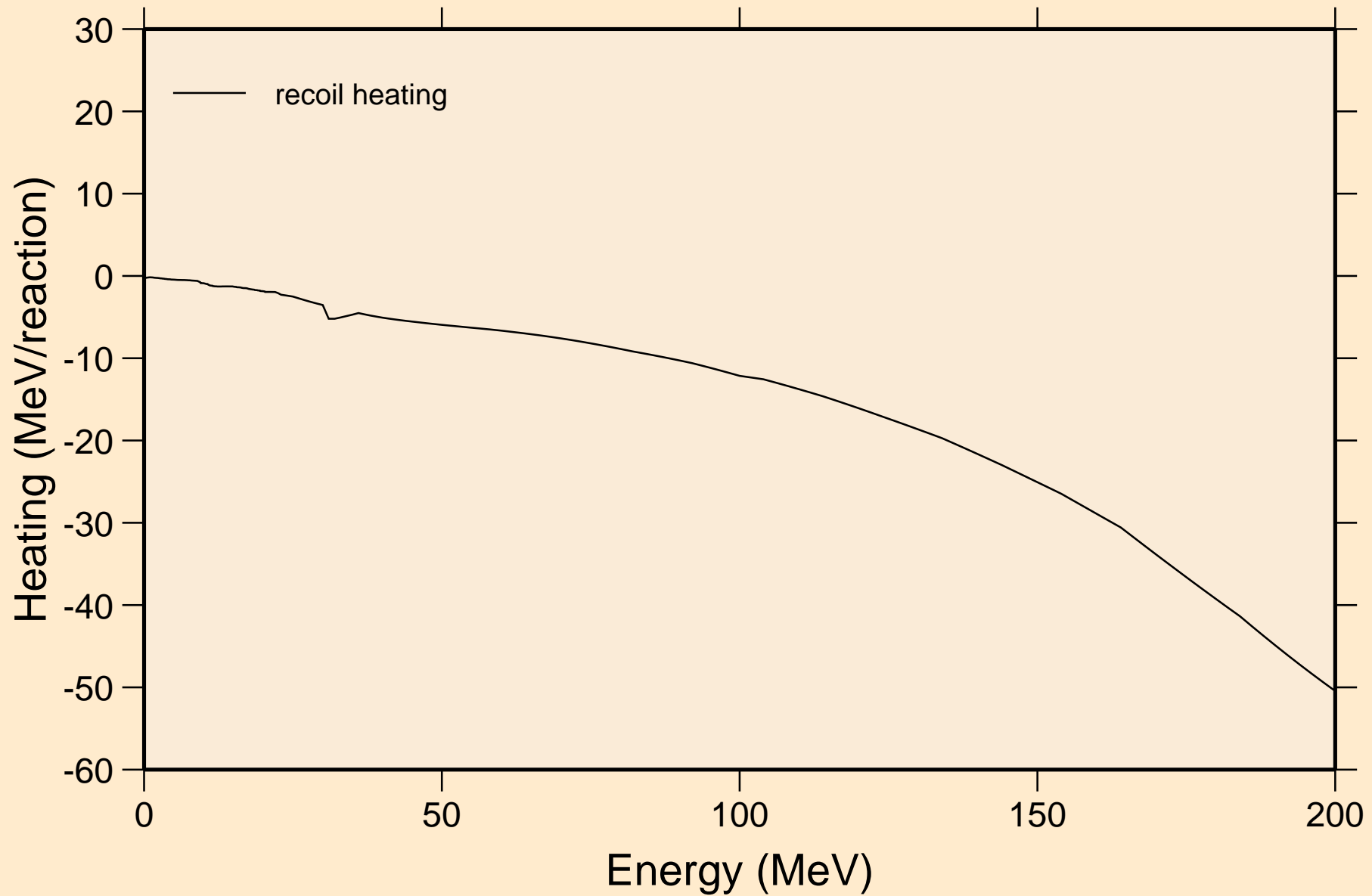
# CS123 NRG TENDL-2015, AKONING

## Particle heating contributions



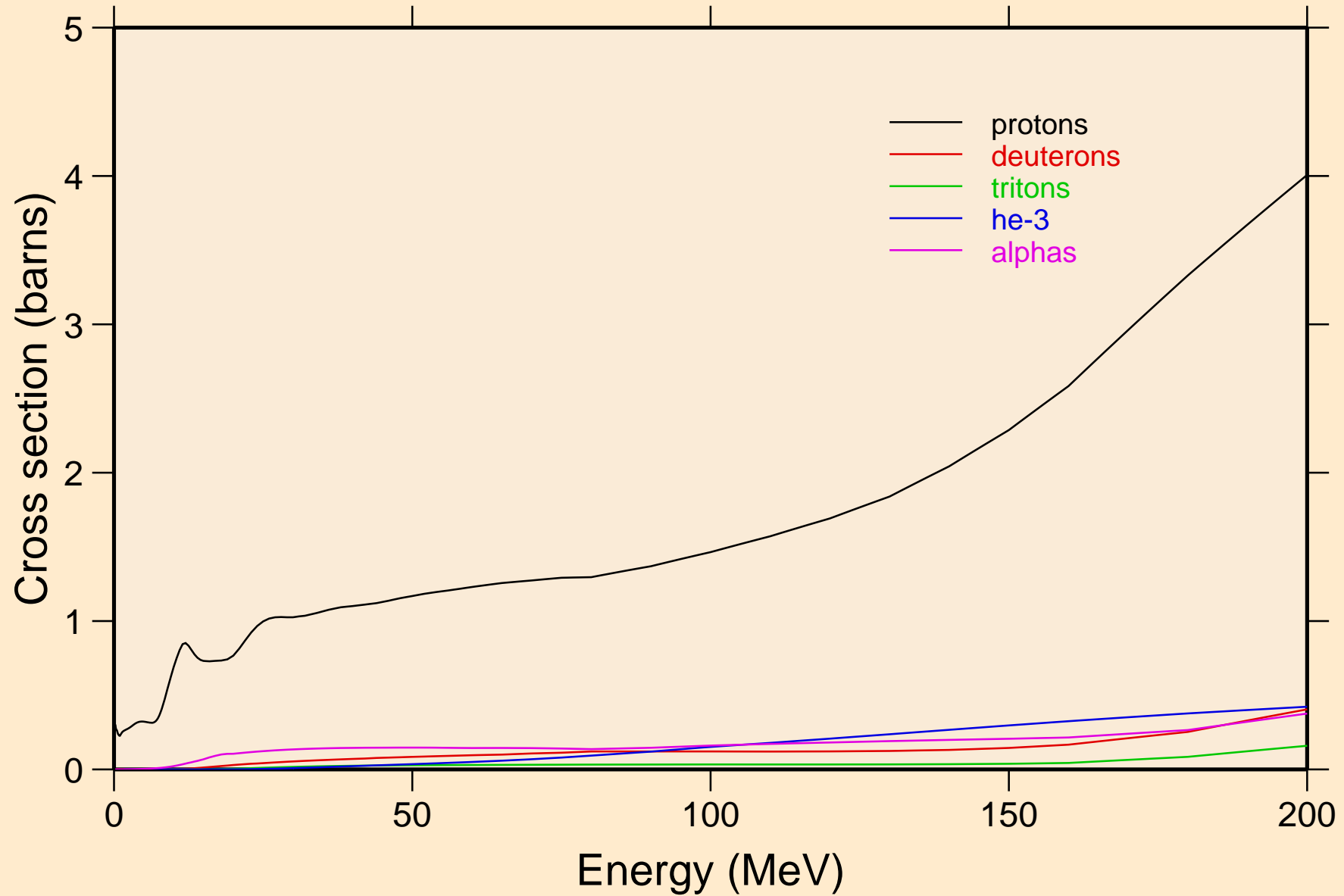
# CS123 NRG TENDL-2015, AKONING

## Recoil Heating

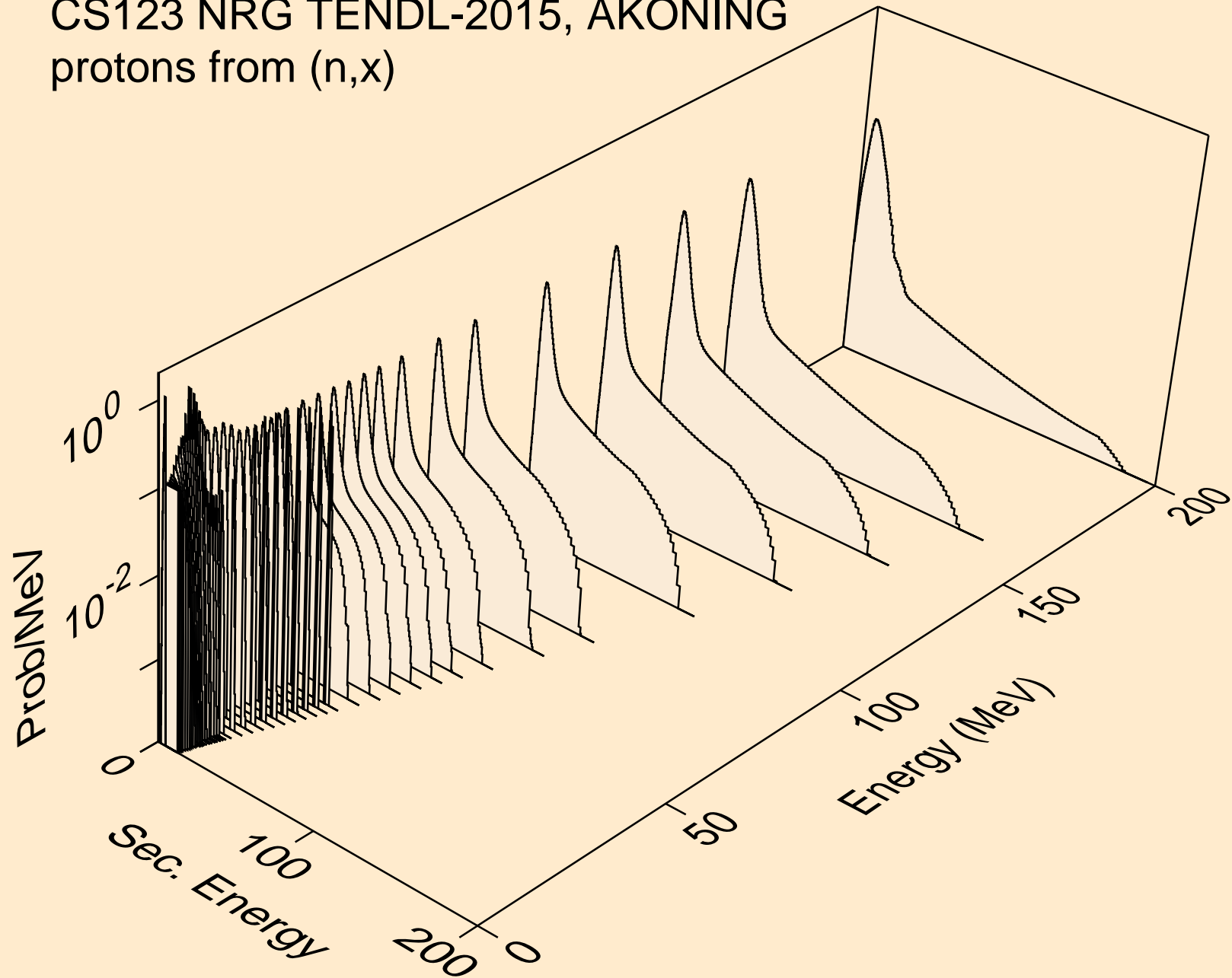


# CS123 NRG TENDL-2015, AKONING

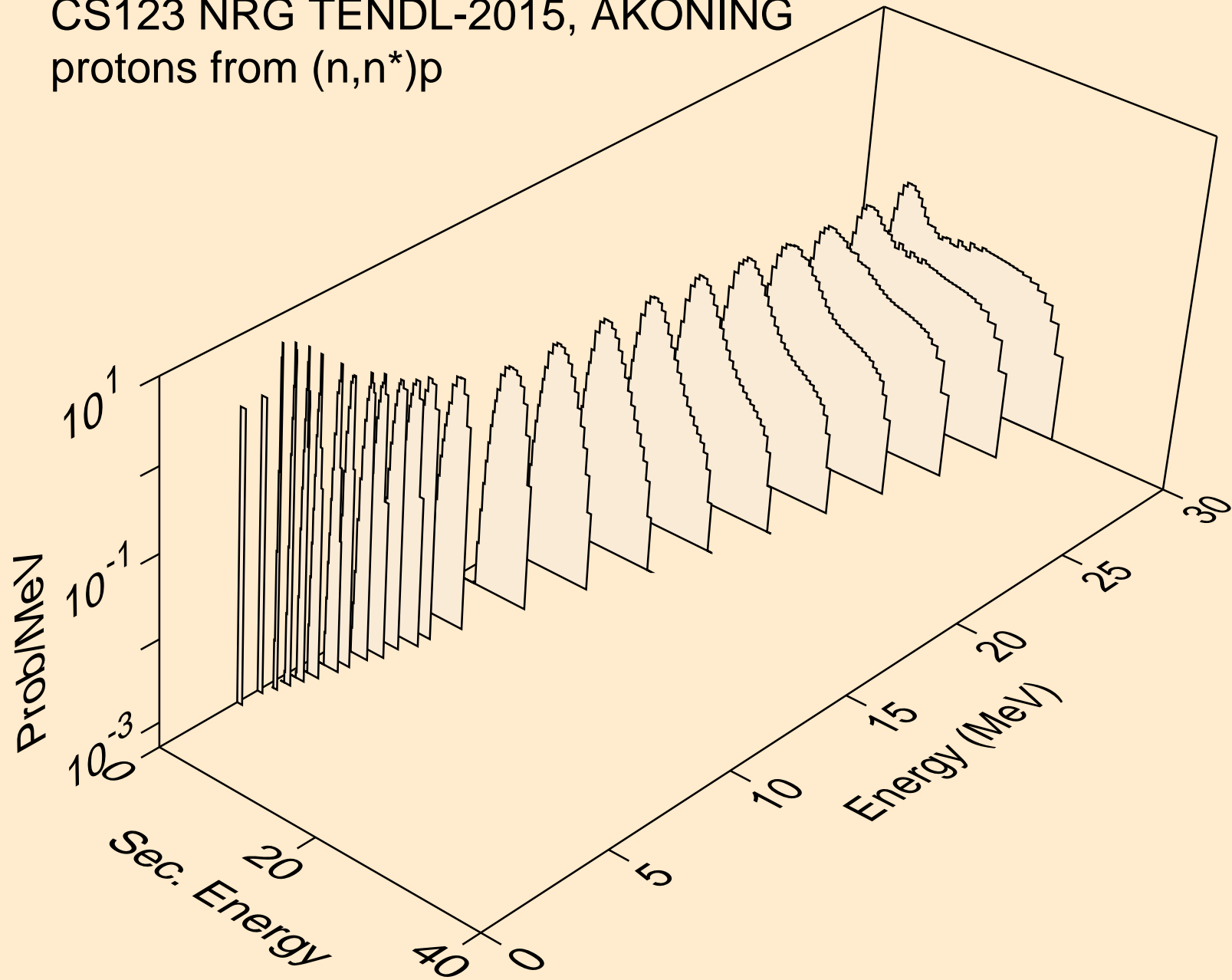
## Particle production cross sections



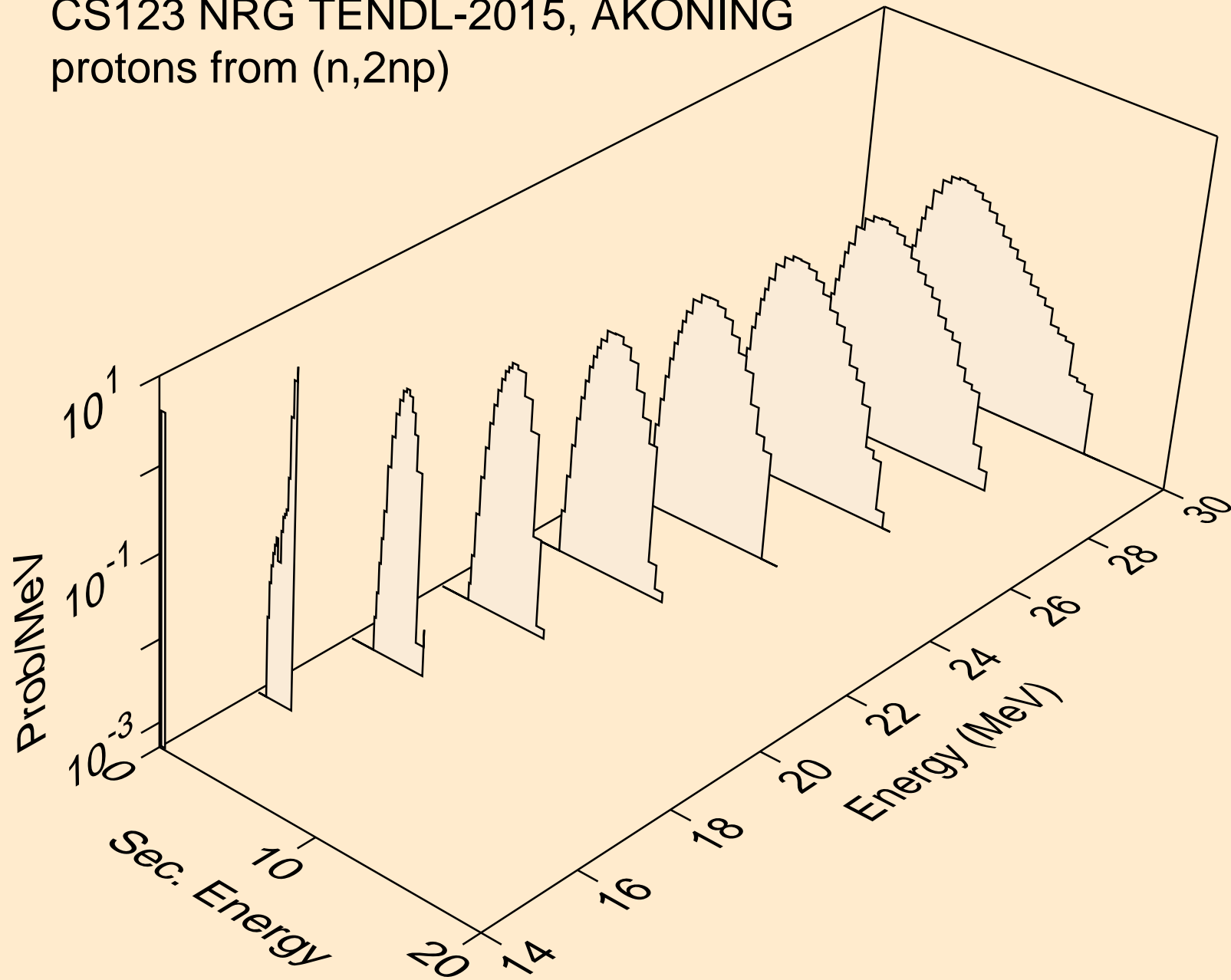
CS123 NRG TENDL-2015, AKONING  
protons from (n,x)



CS123 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

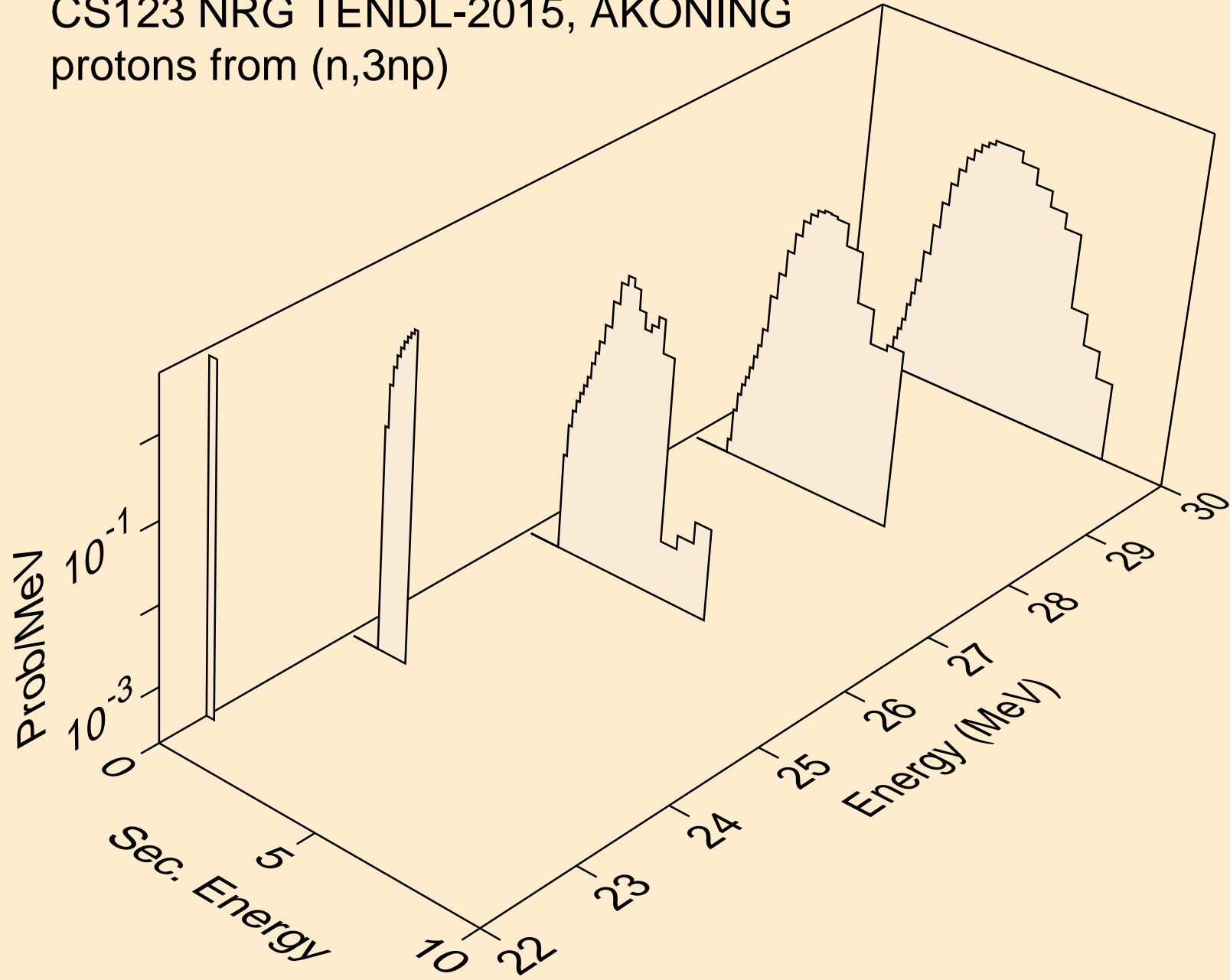


CS123 NRG TENDL-2015, AKONING  
protons from (n,2np)

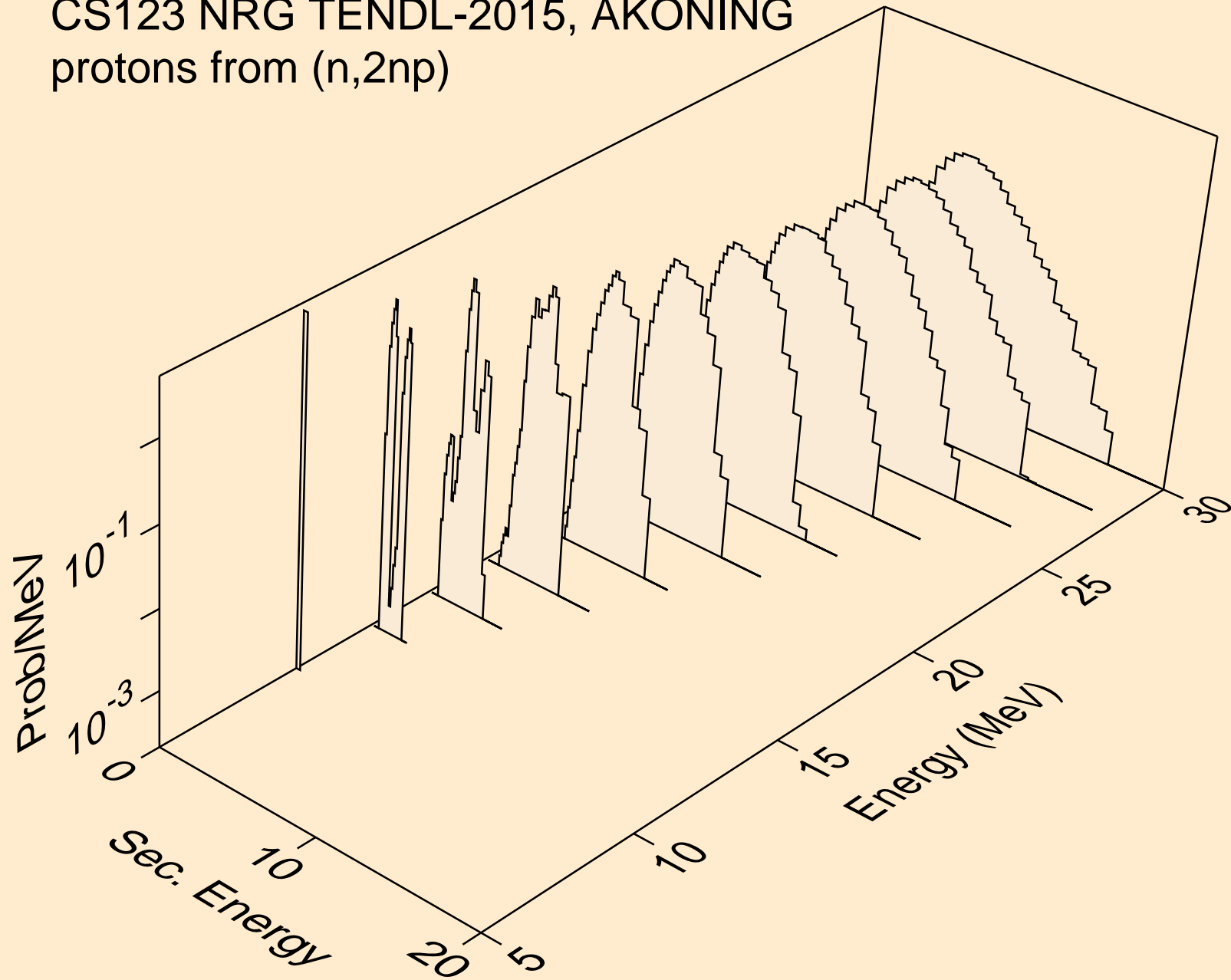




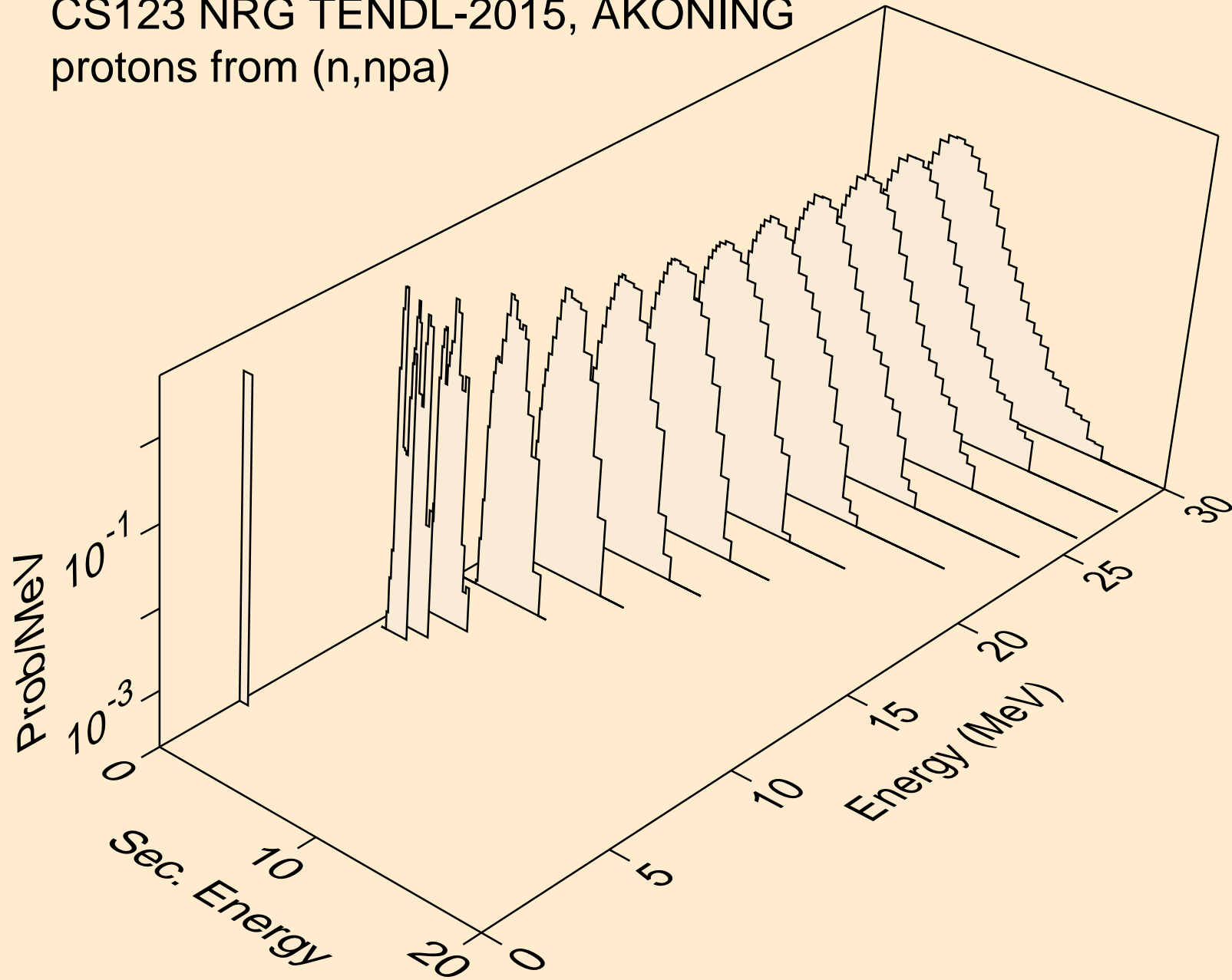
CS123 NRG TENDL-2015, AKONING  
protons from (n,3np)



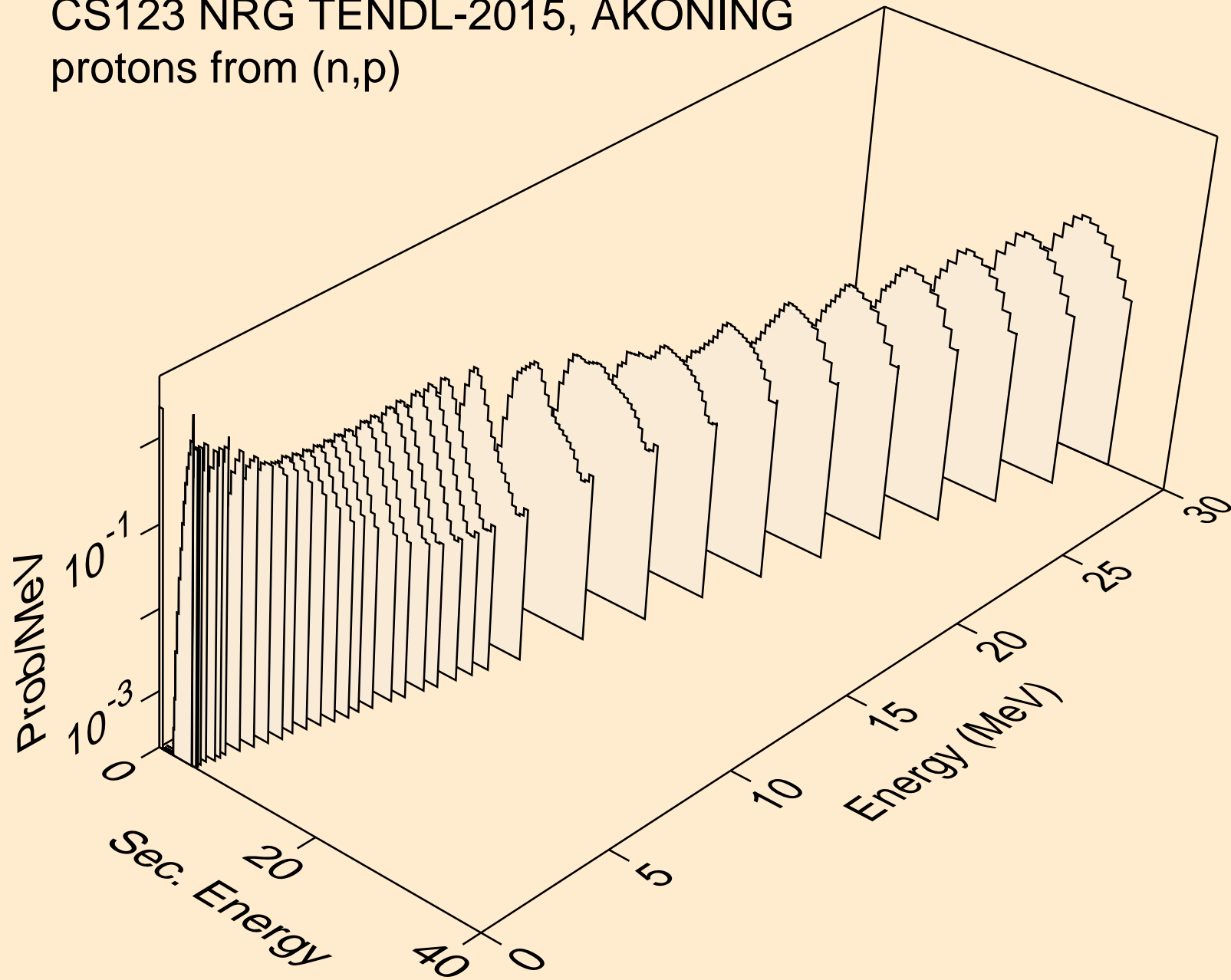
CS123 NRG TENDL-2015, AKONING  
protons from (n,2np)



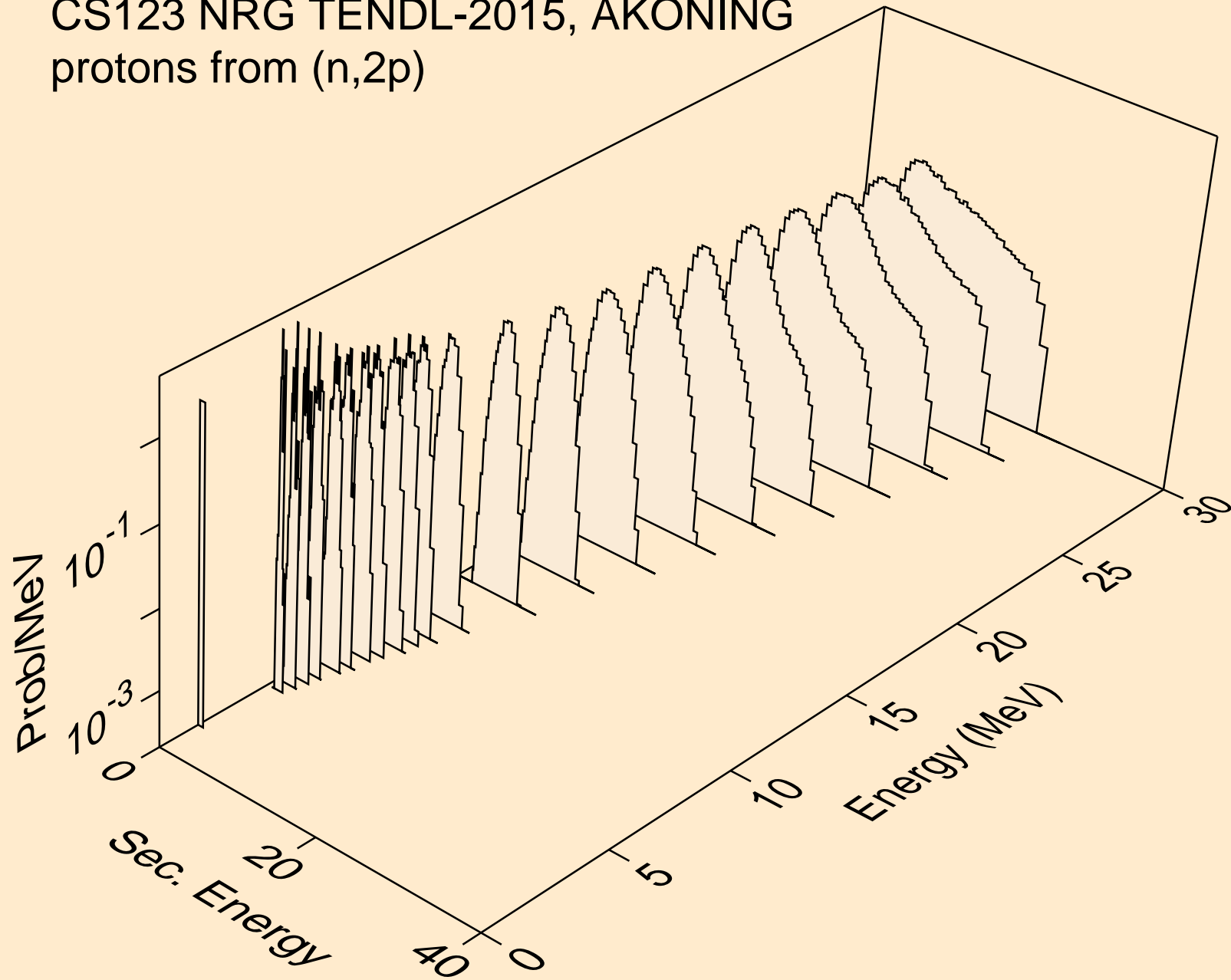
CS123 NRG TENDL-2015, AKONING  
protons from (n,npa)



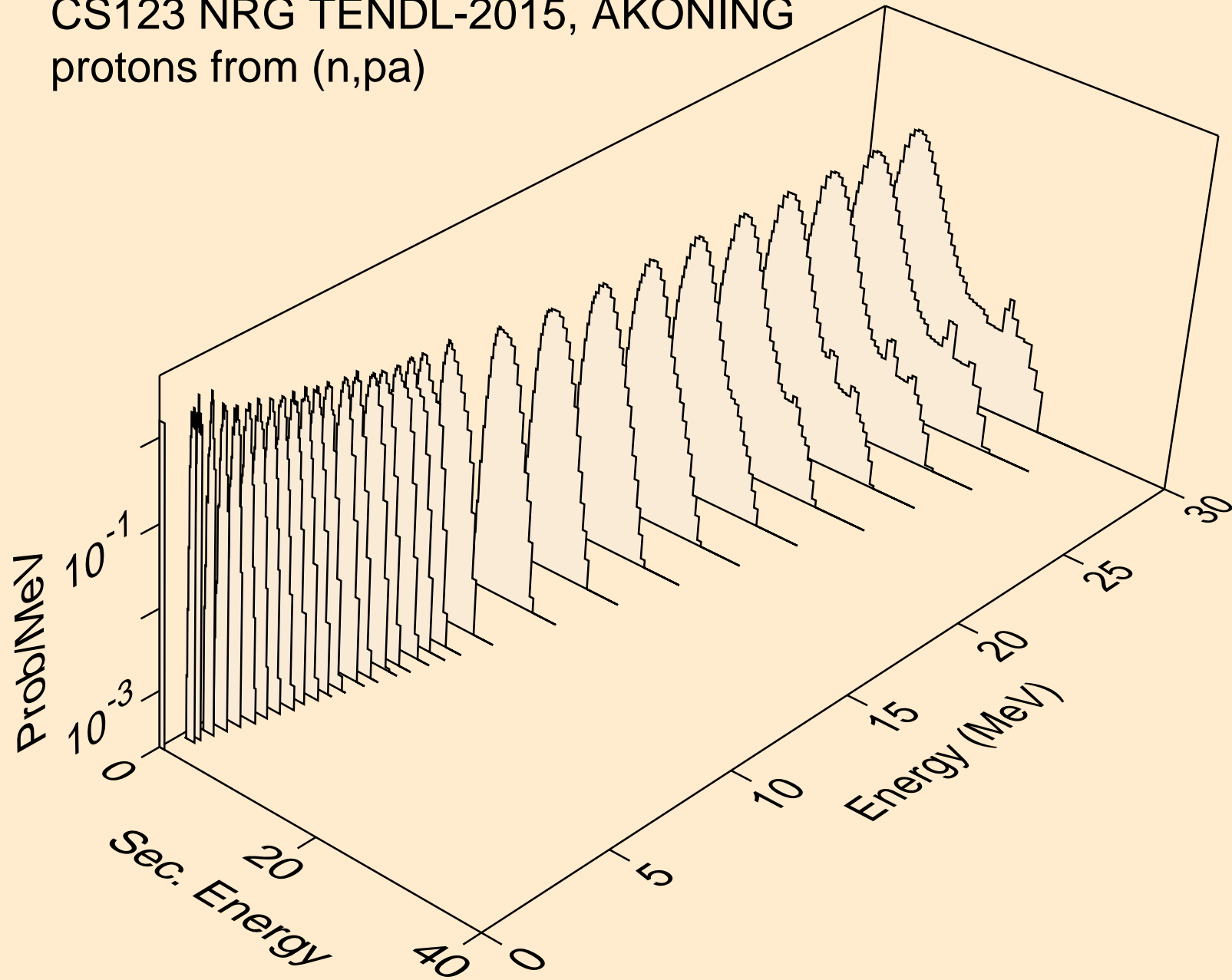
CS123 NRG TENDL-2015, AKONING  
protons from (n,p)



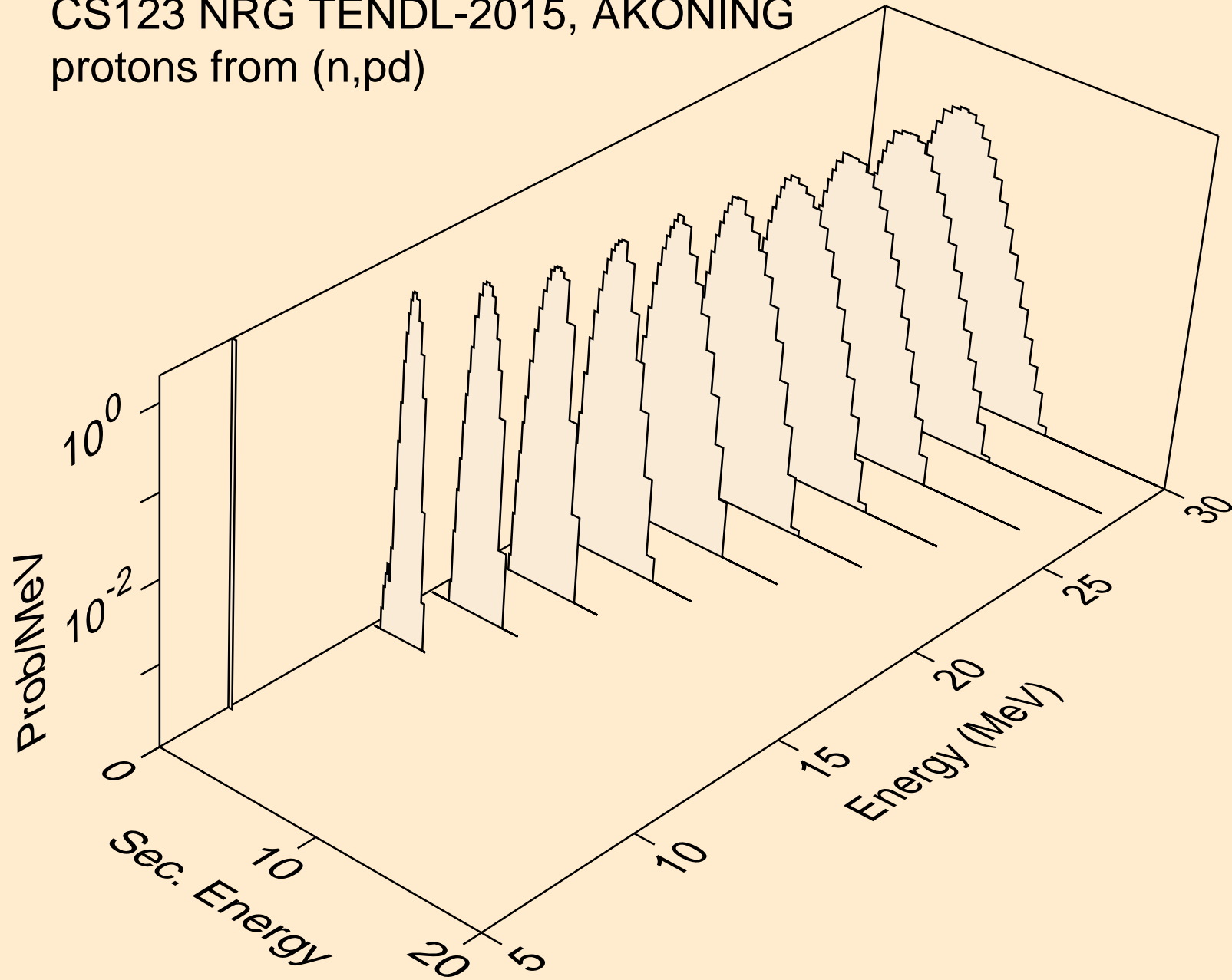
CS123 NRG TENDL-2015, AKONING  
protons from (n,2p)



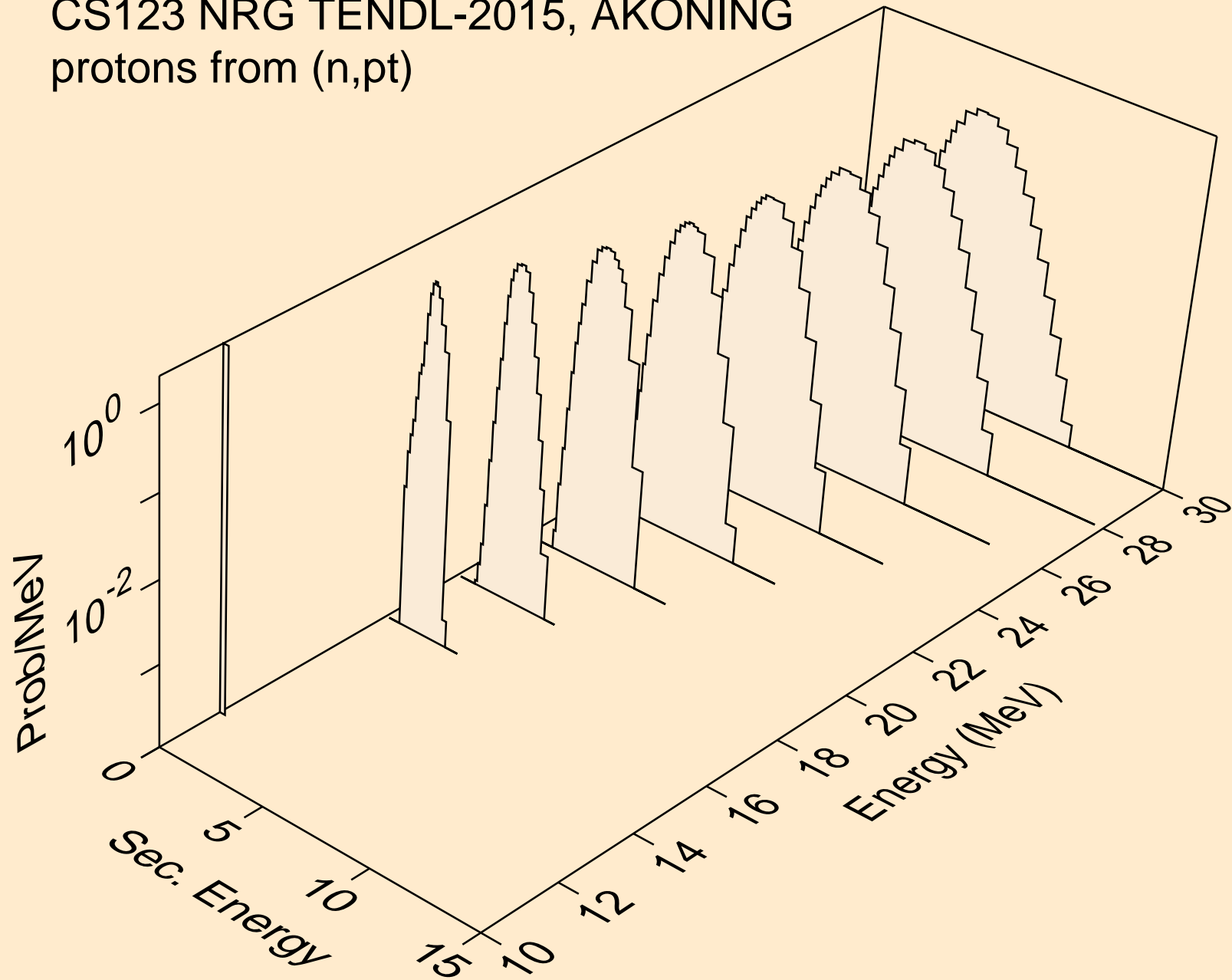
CS123 NRG TENDL-2015, AKONING  
protons from (n,pa)



CS123 NRG TENDL-2015, AKONING  
protons from (n,pd)

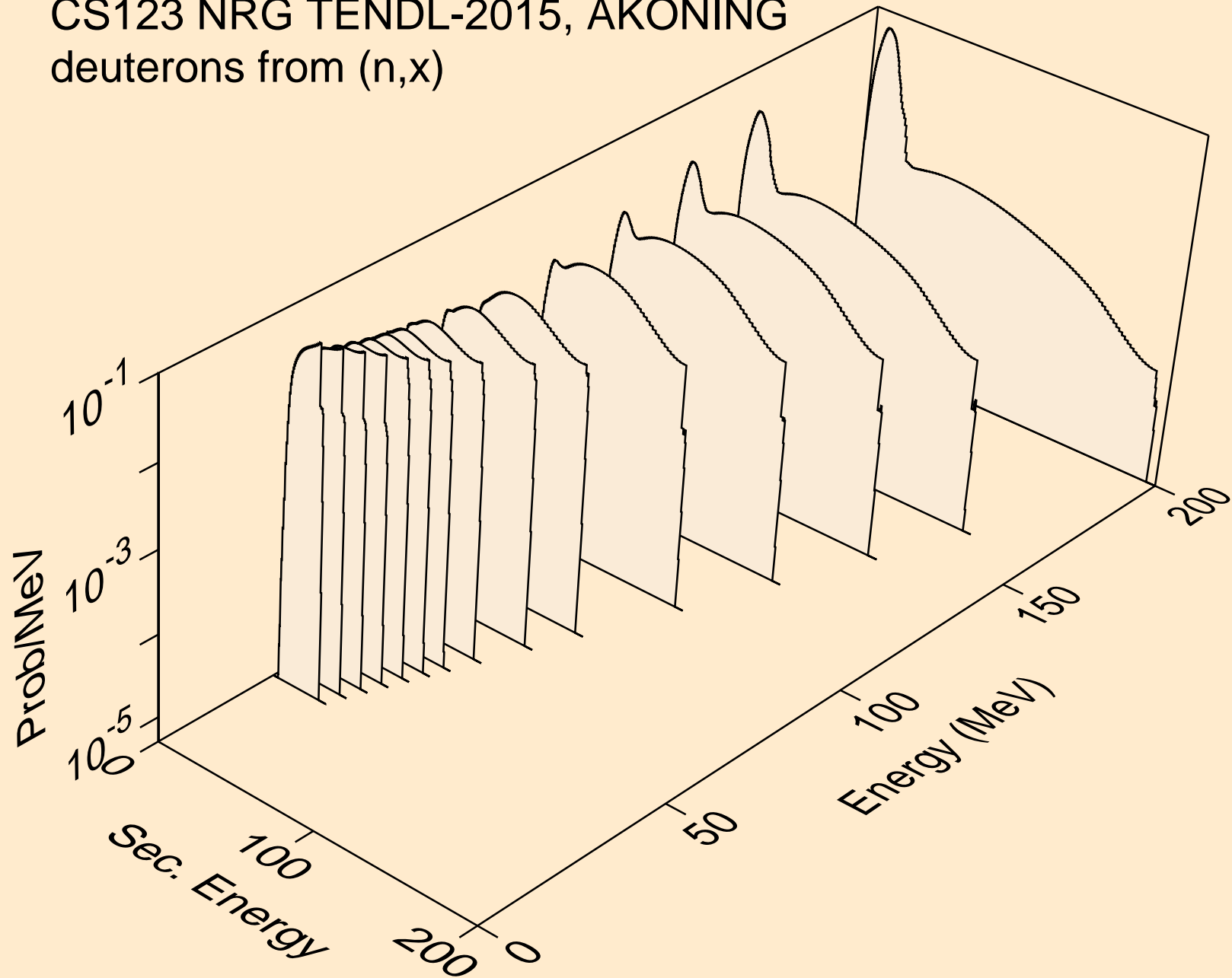


CS123 NRG TENDL-2015, AKONING  
protons from (n,pt)

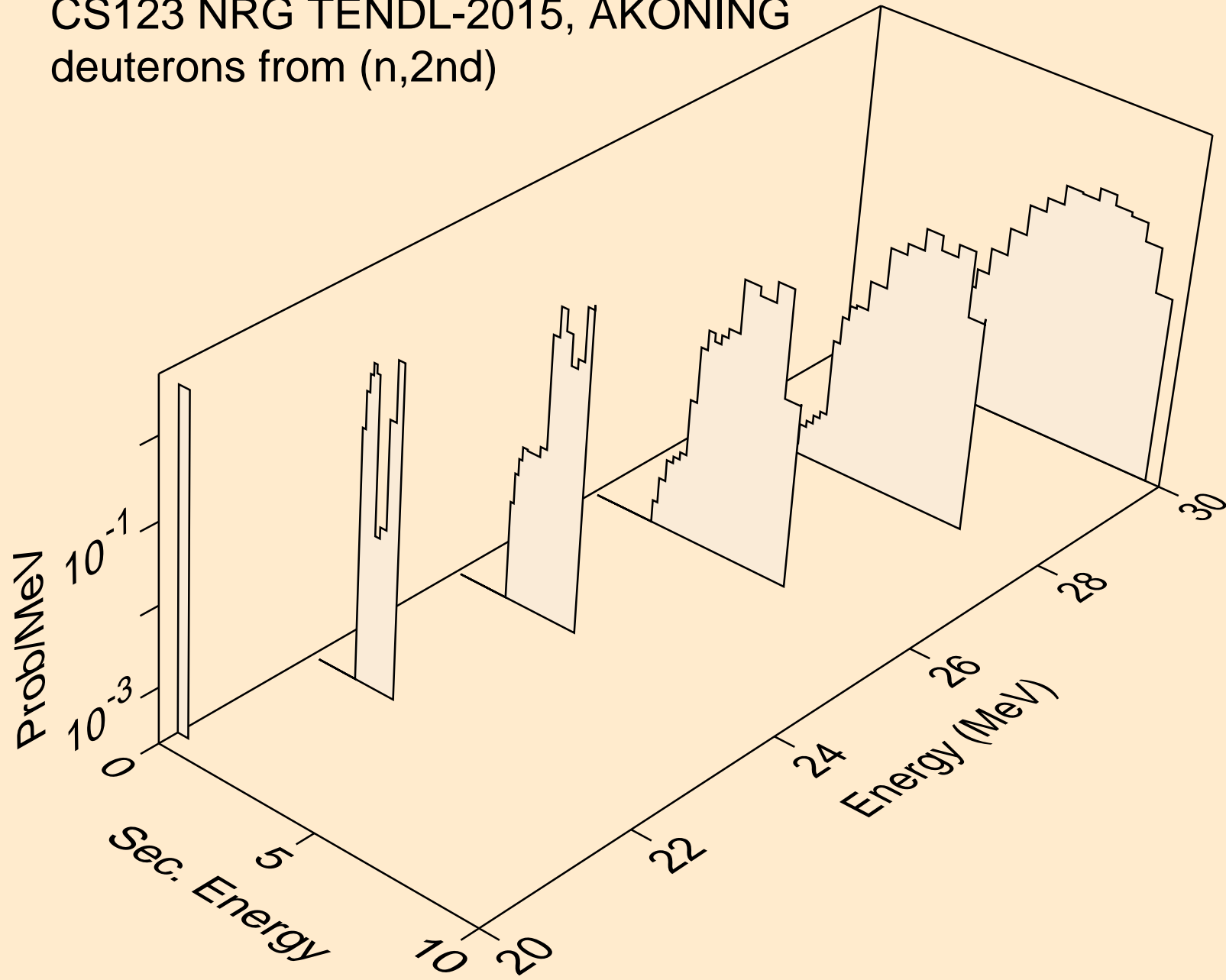




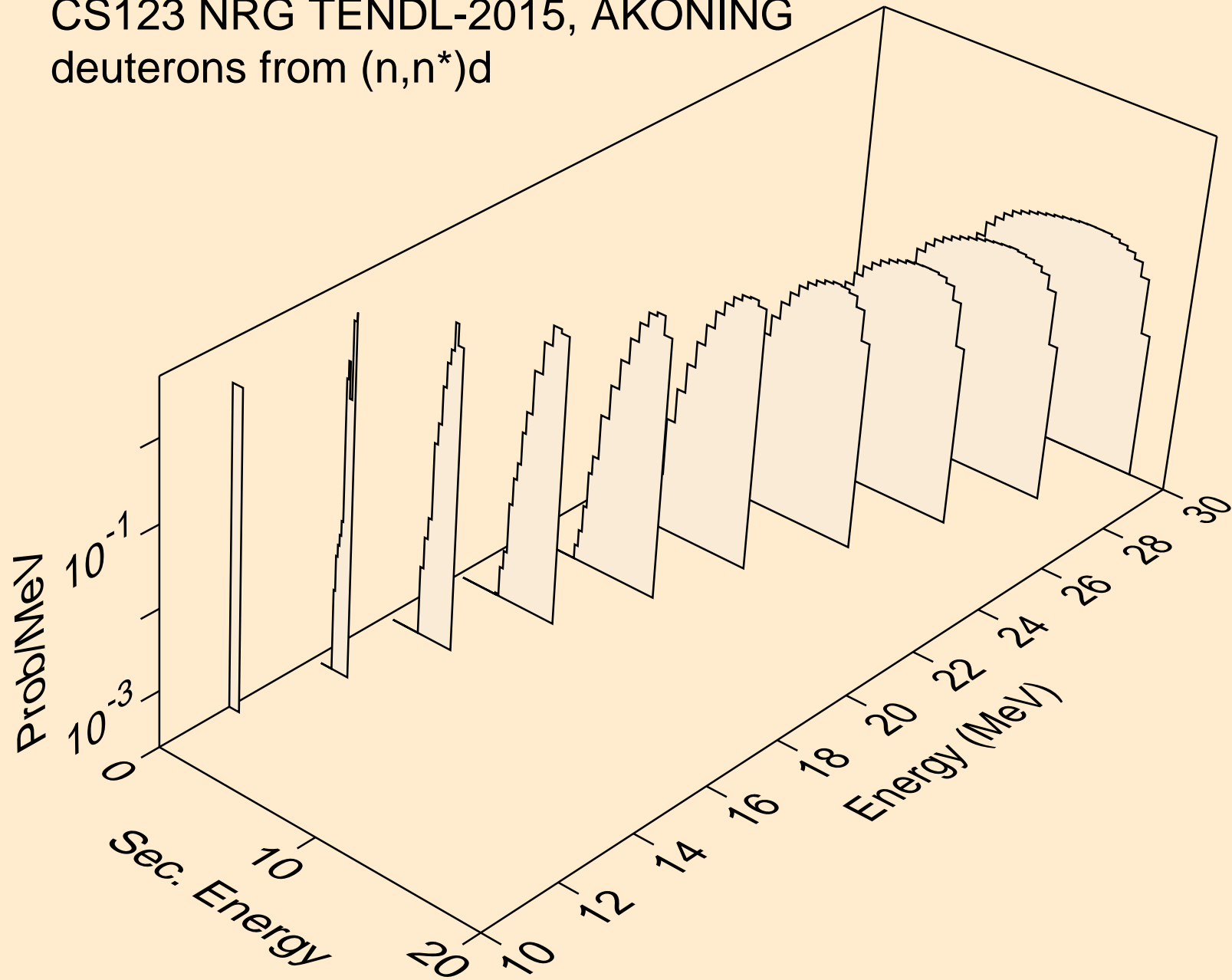
CS123 NRG TENDL-2015, AKONING  
deuterons from (n,x)



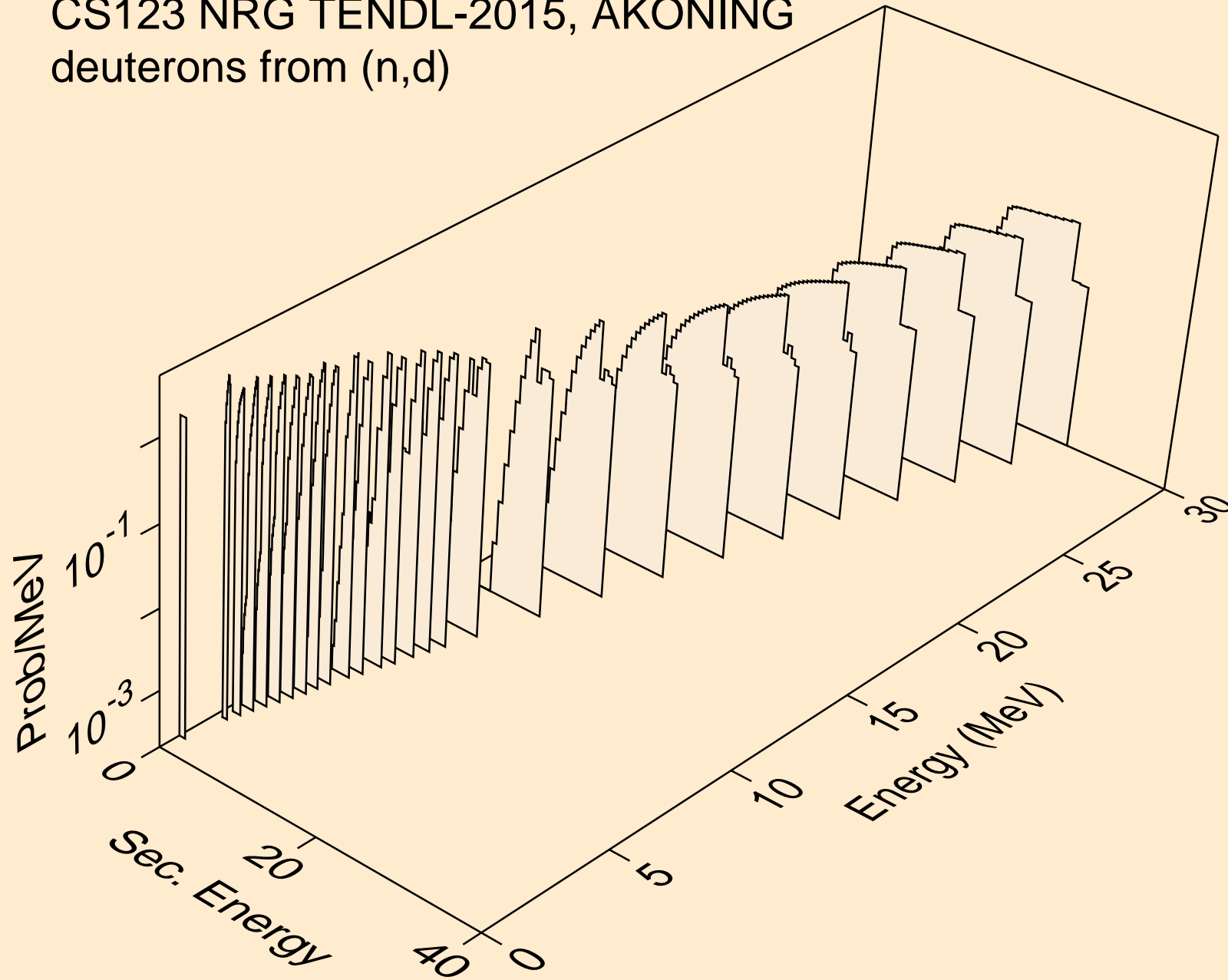
CS123 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



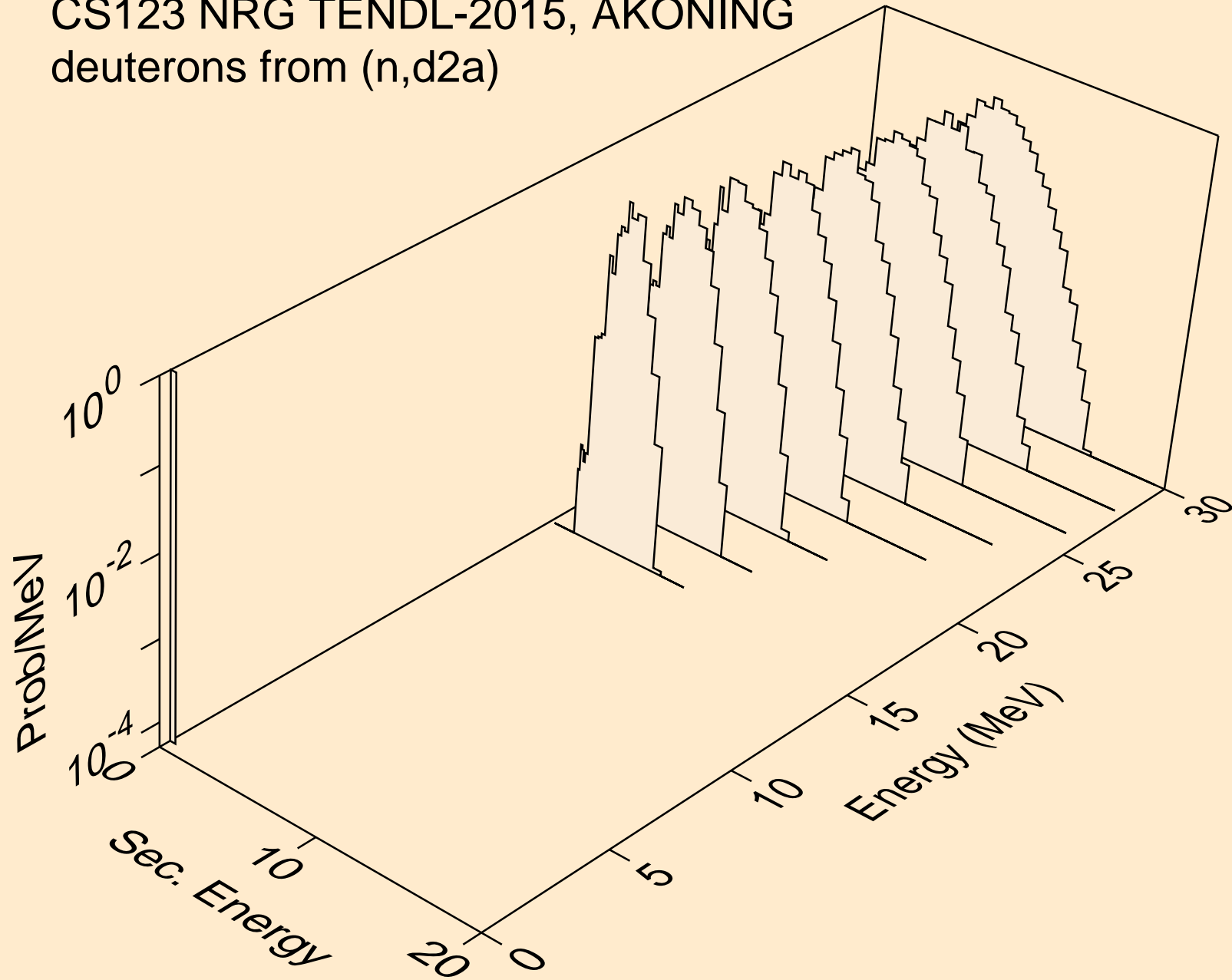
CS123 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



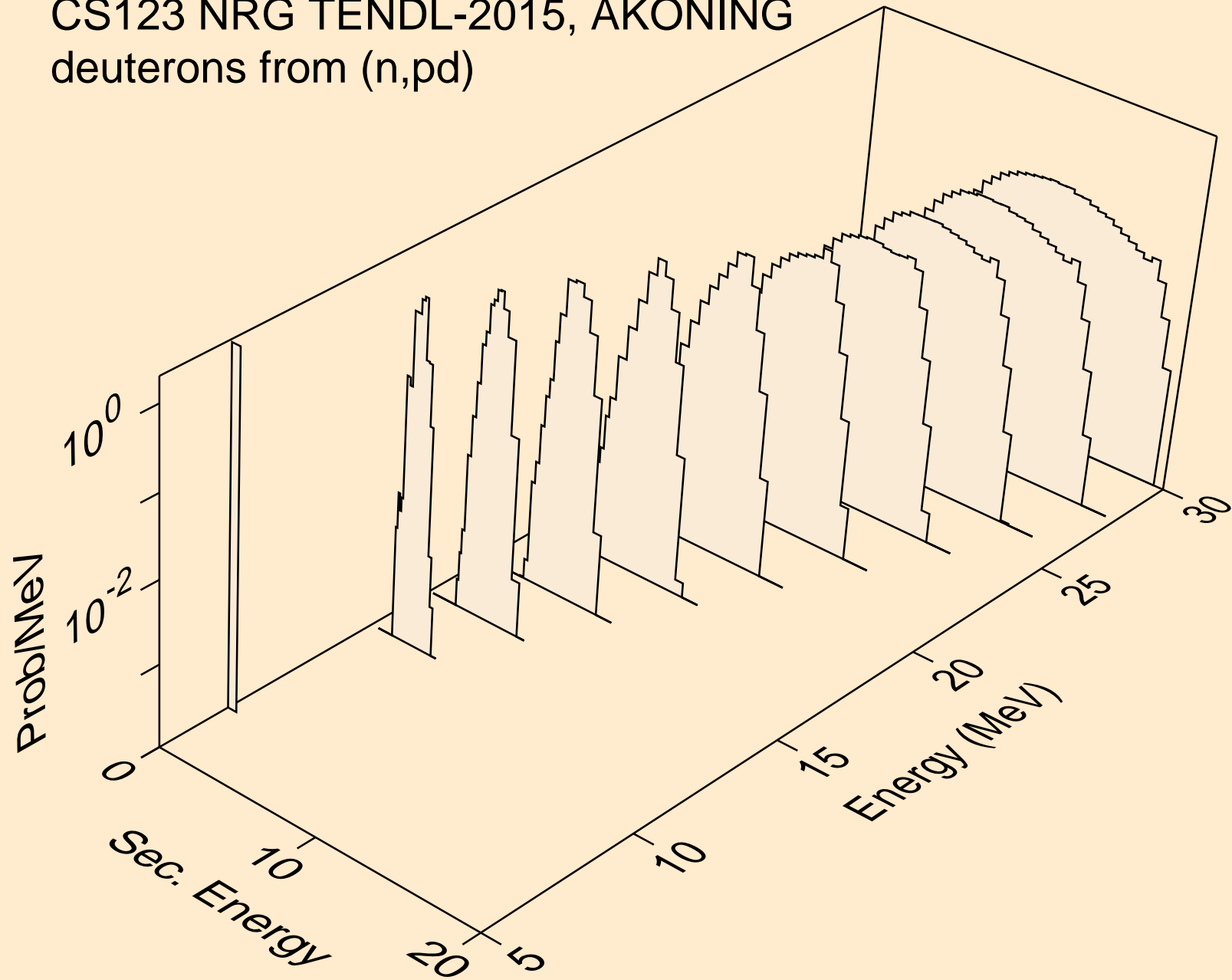
CS123 NRG TENDL-2015, AKONING  
deuterons from (n,d)



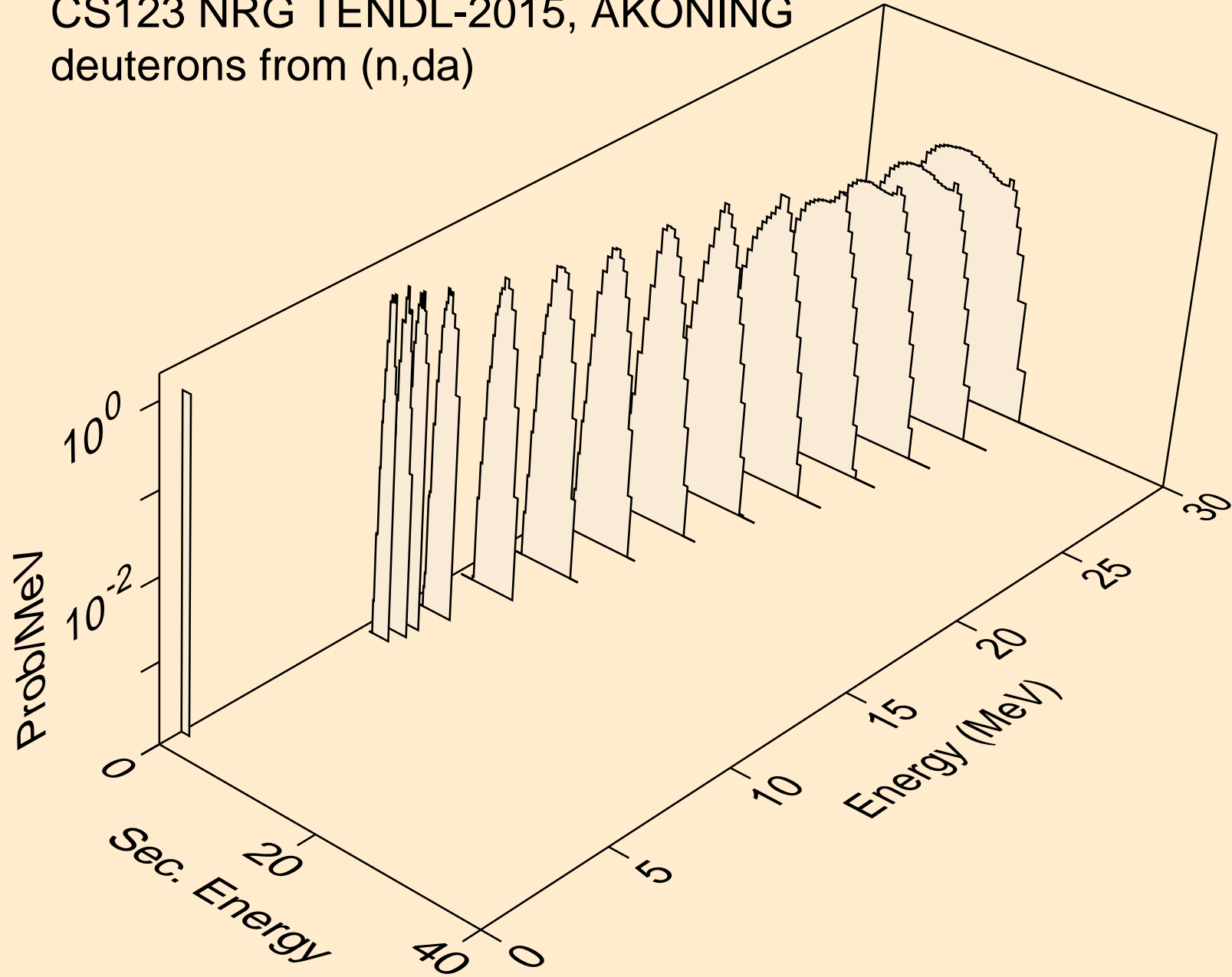
CS123 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



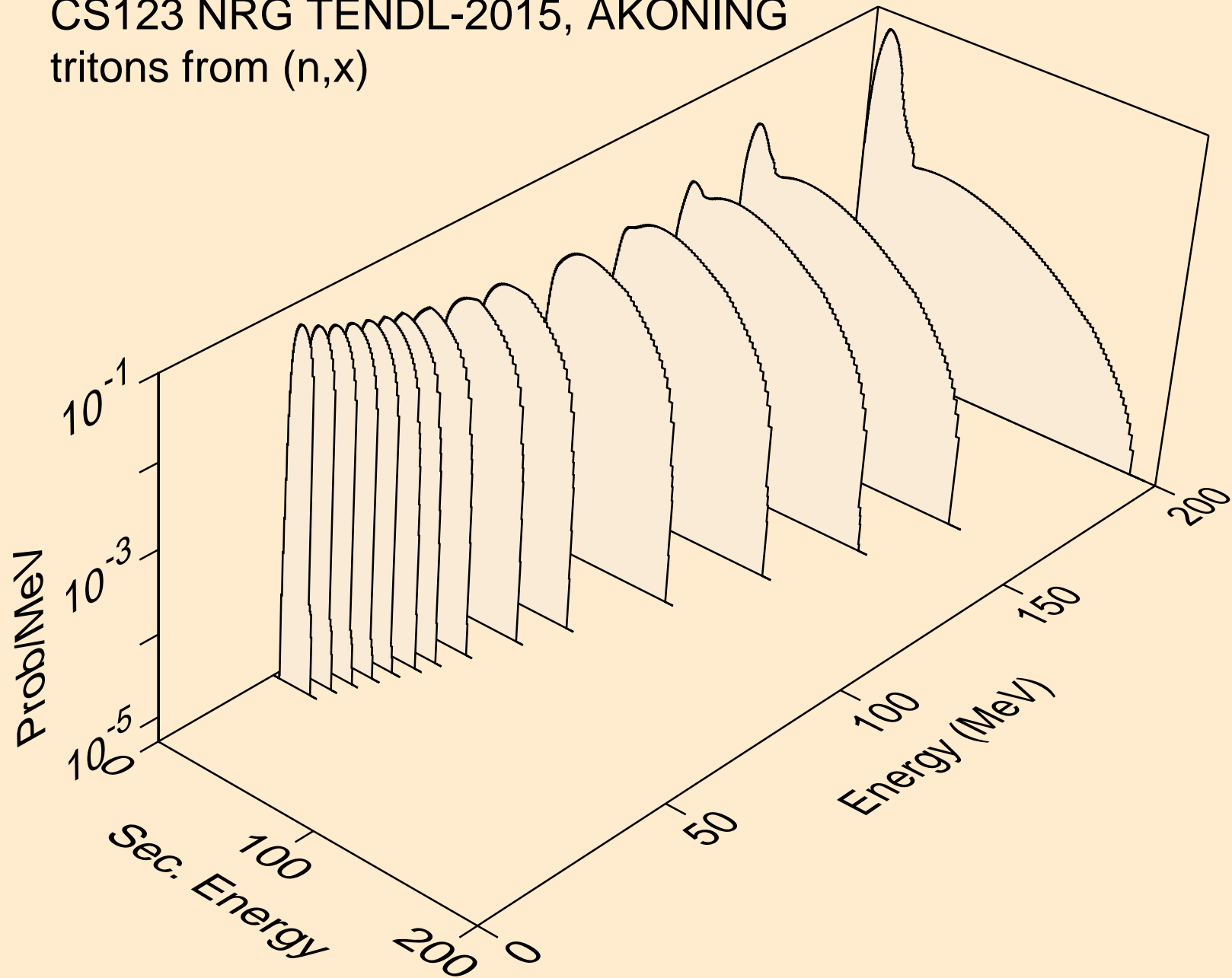
CS123 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



CS123 NRG TENDL-2015, AKONING  
deuterons from (n,da)

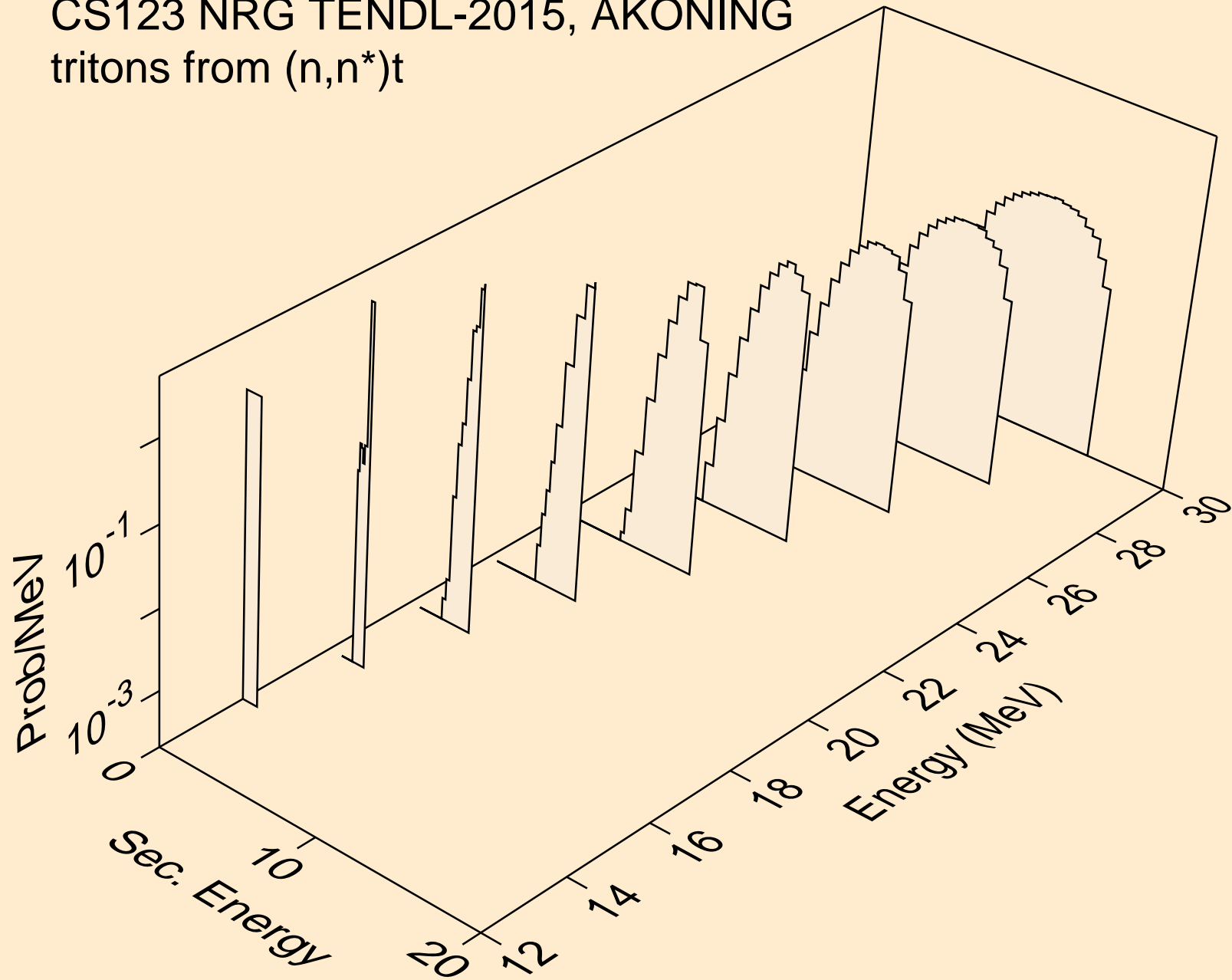


CS123 NRG TENDL-2015, AKONING  
tritons from (n,x)

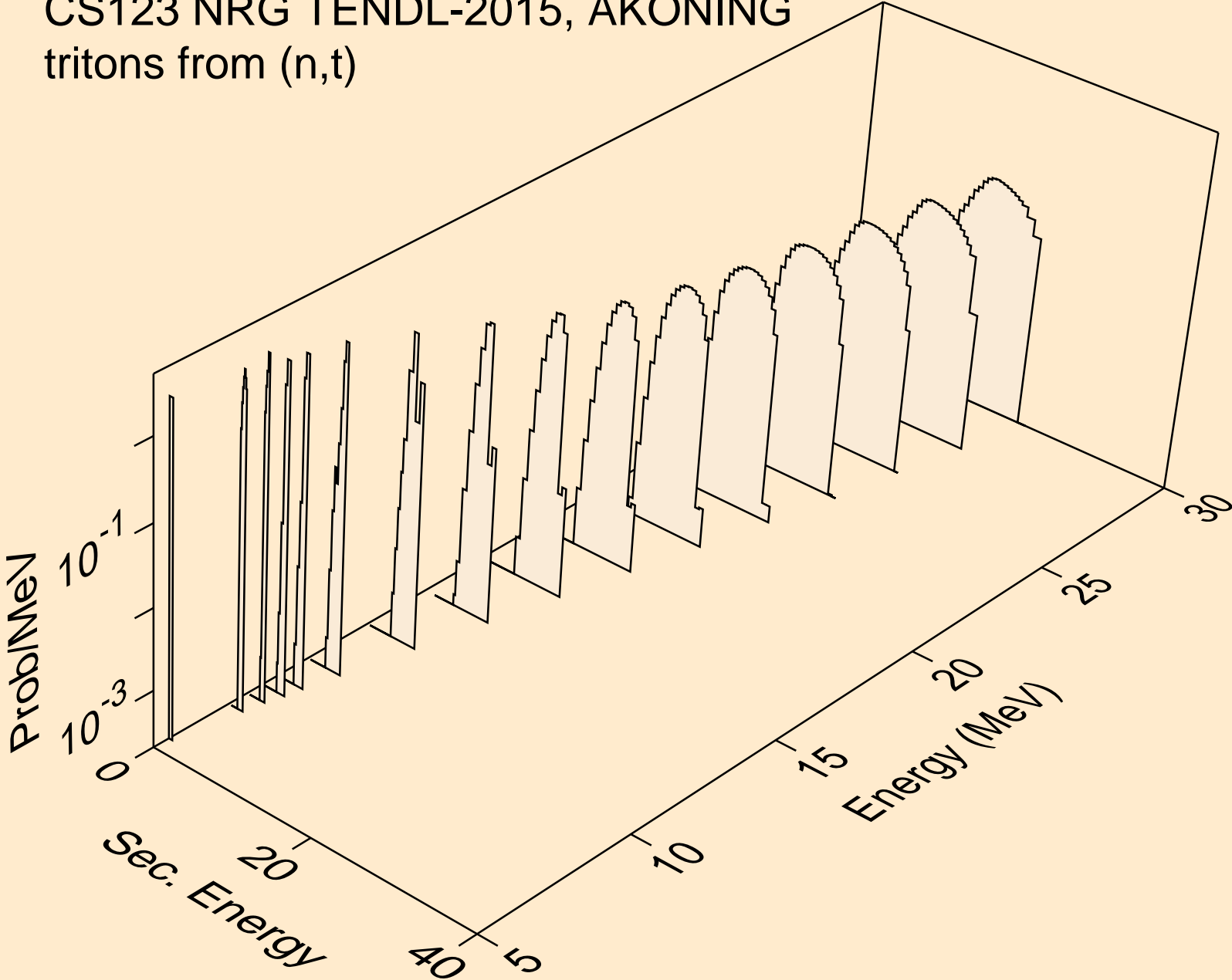




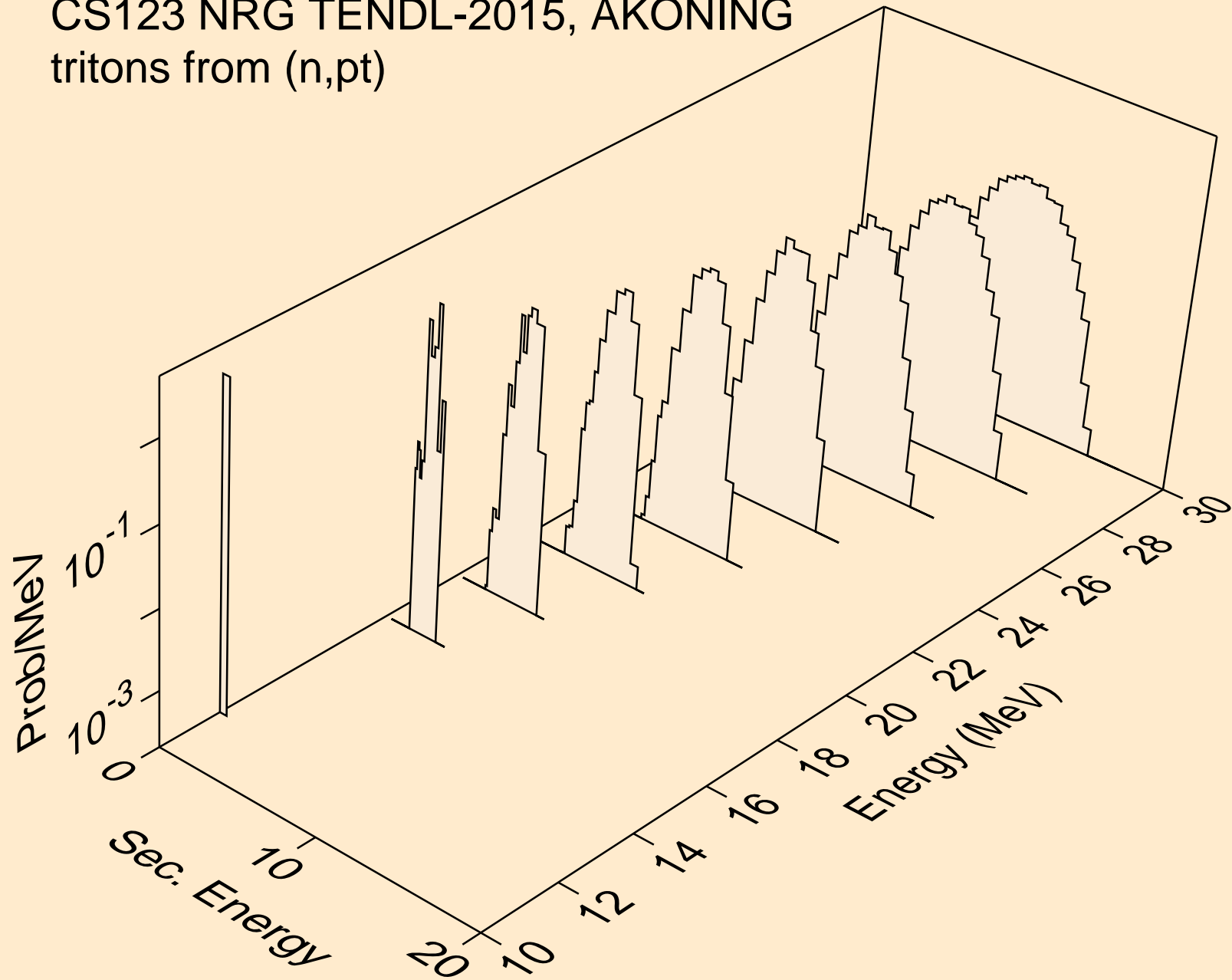
CS123 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



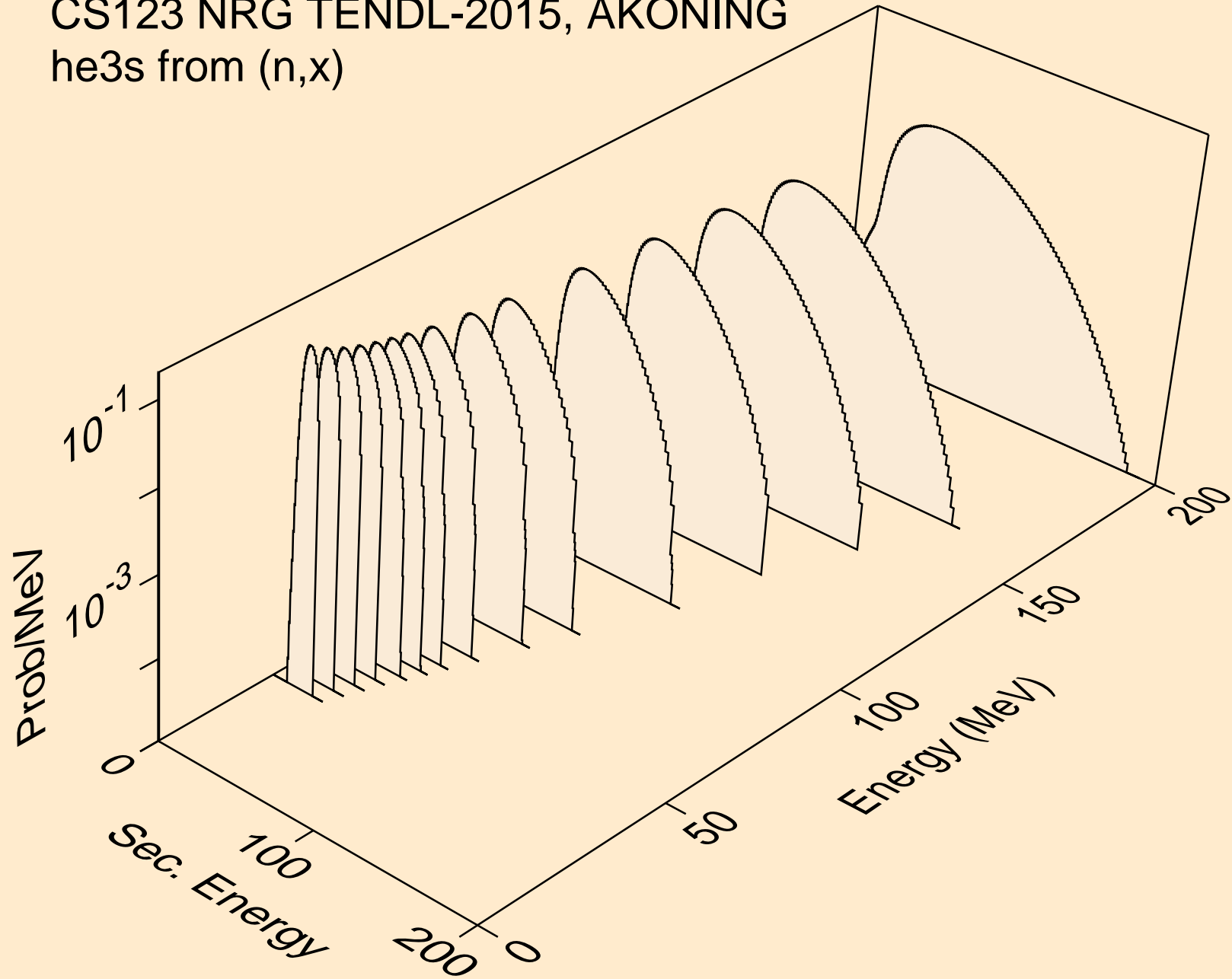
CS123 NRG TENDL-2015, AKONING  
tritons from (n,t)



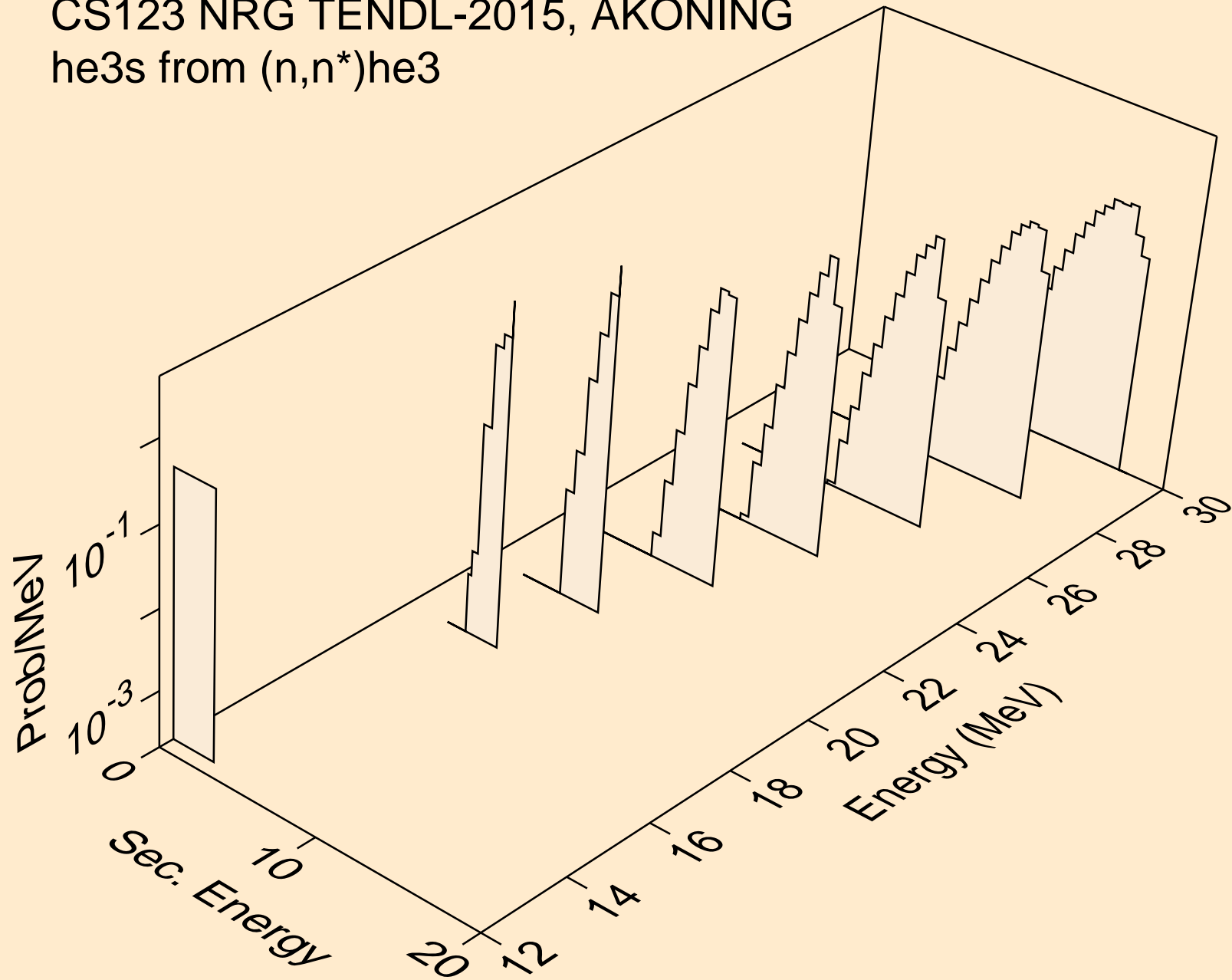
CS123 NRG TENDL-2015, AKONING  
tritons from (n,pt)



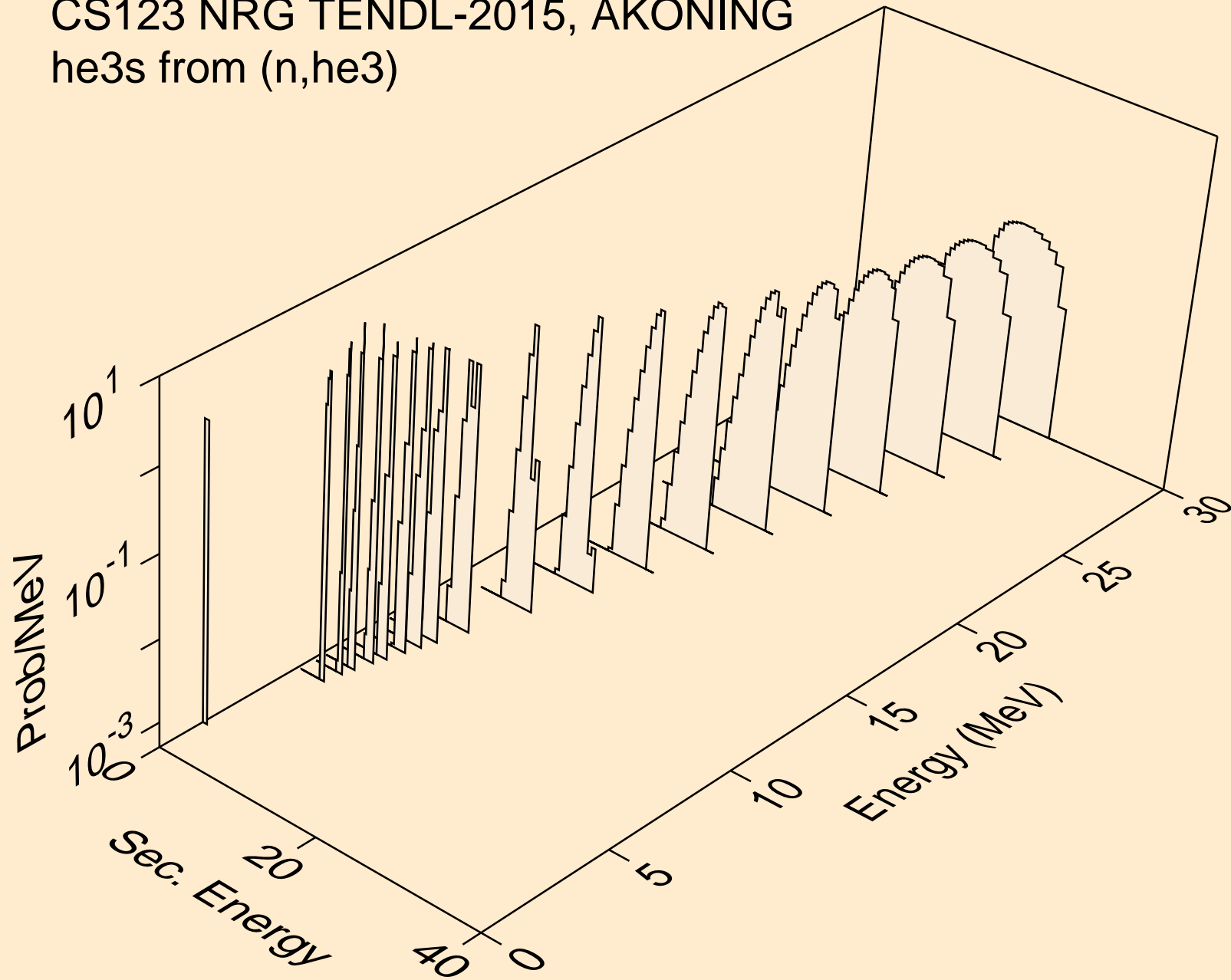
CS123 NRG TENDL-2015, AKONING  
he3s from (n,x)



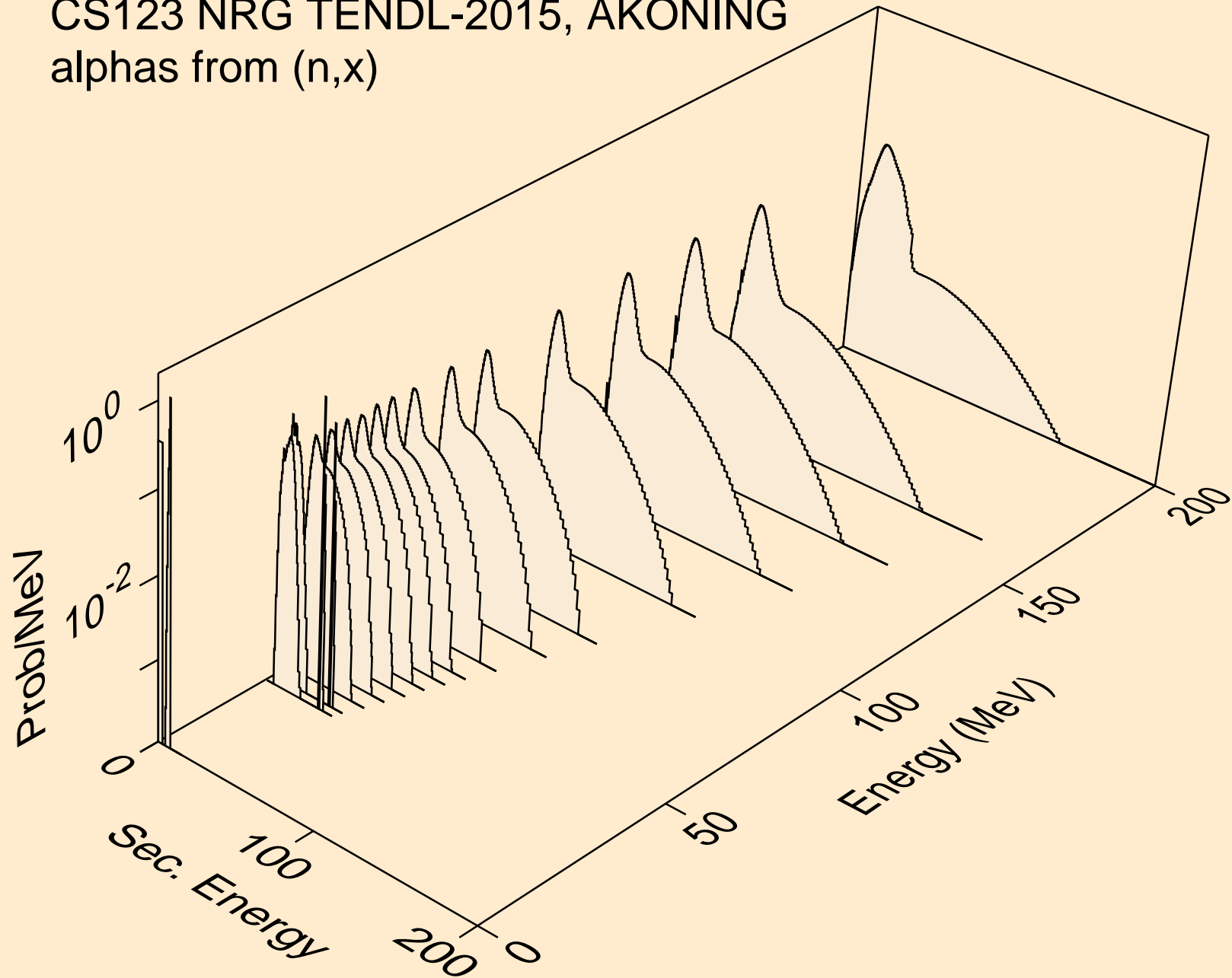
CS123 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



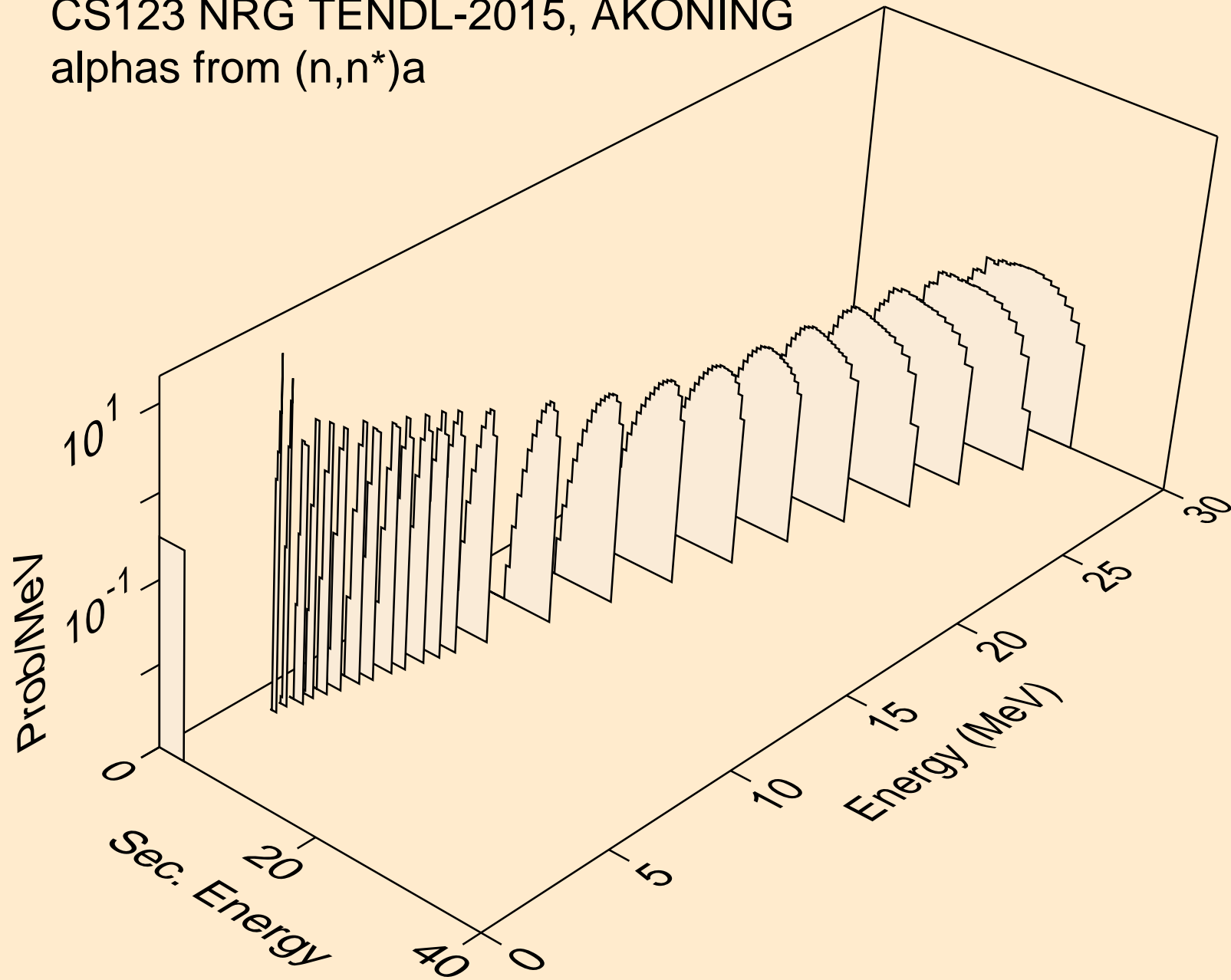
CS123 NRG TENDL-2015, AKONING  
he3s from (n,he3)



CS123 NRG TENDL-2015, AKONING  
alphas from (n,x)

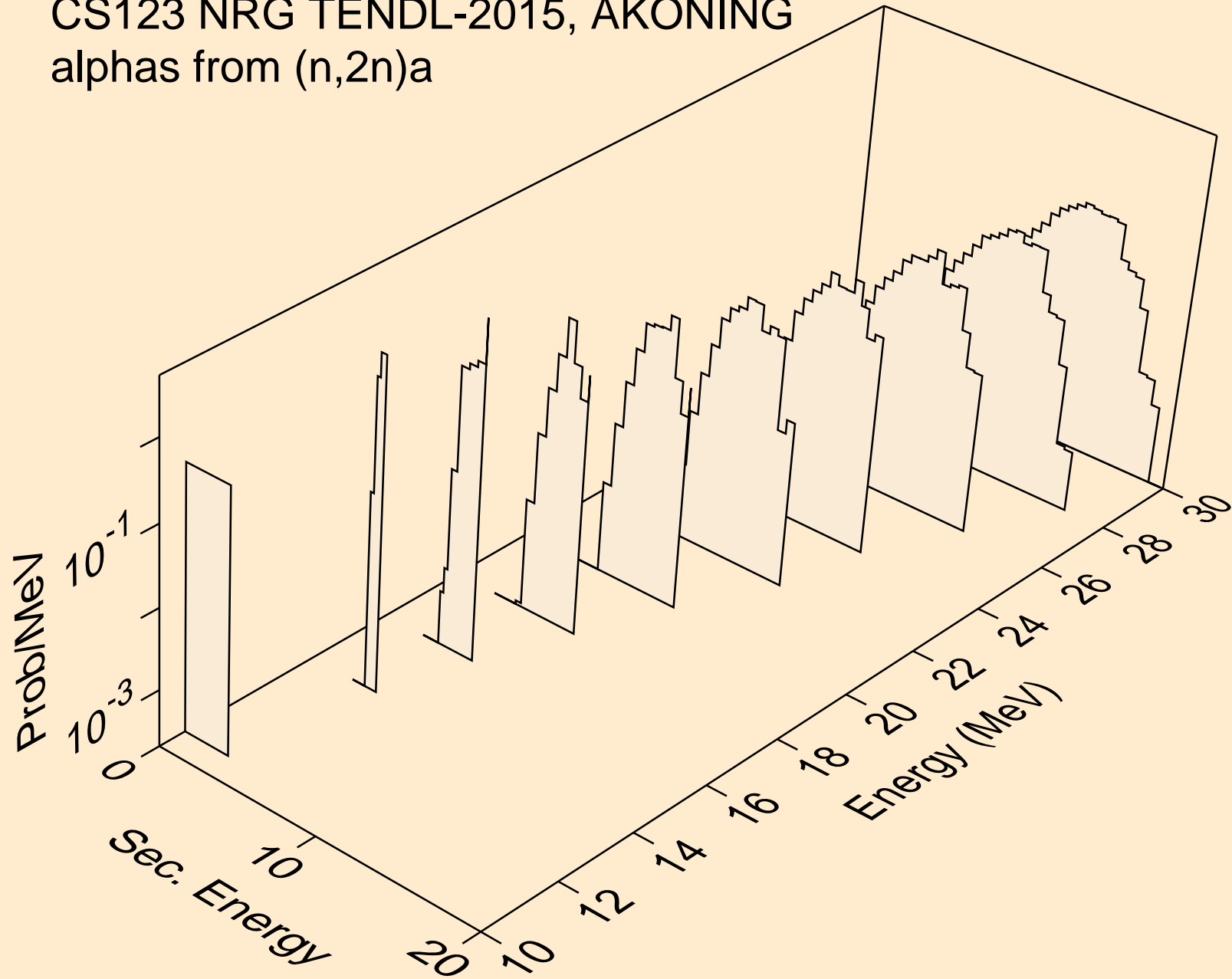


CS123 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

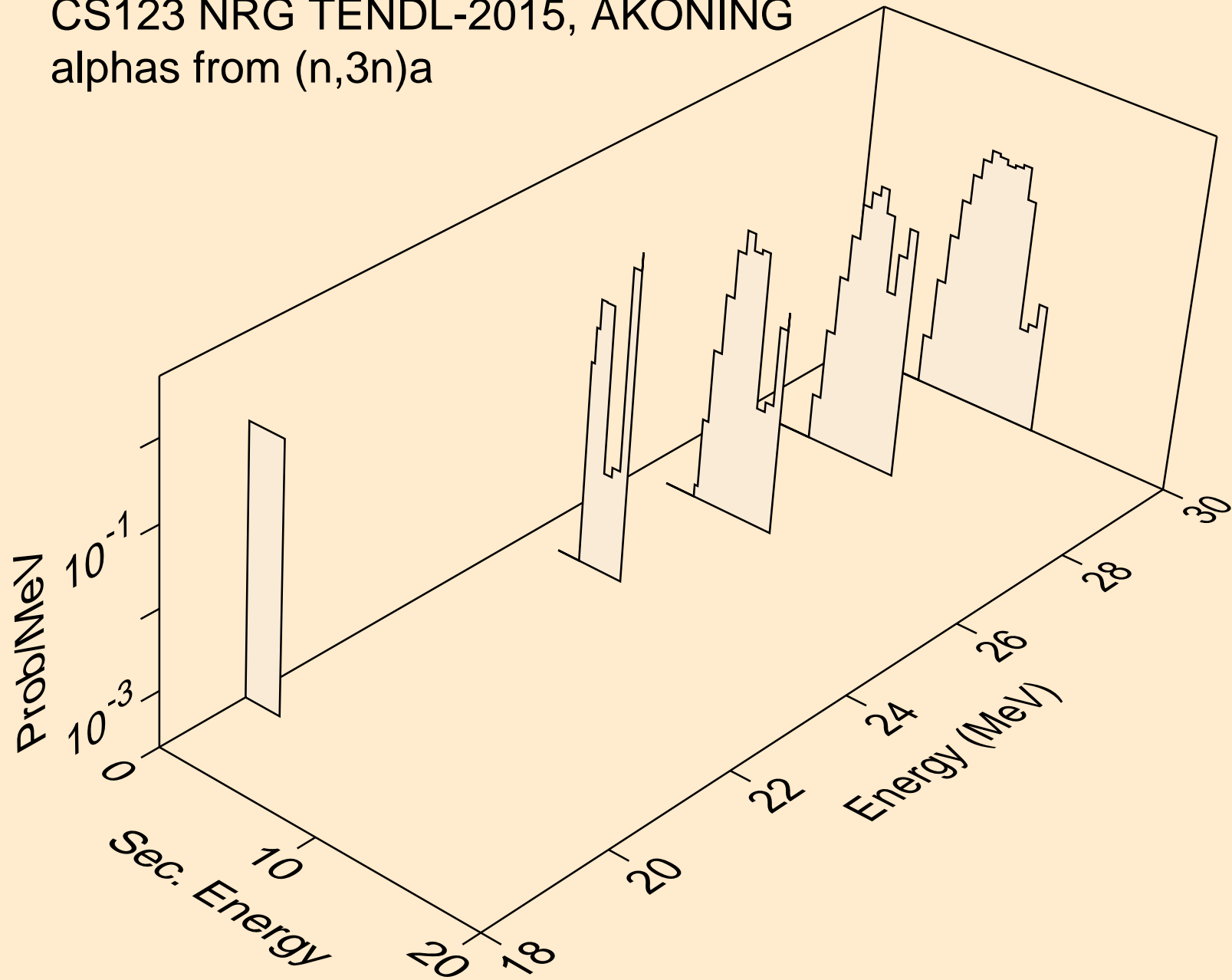




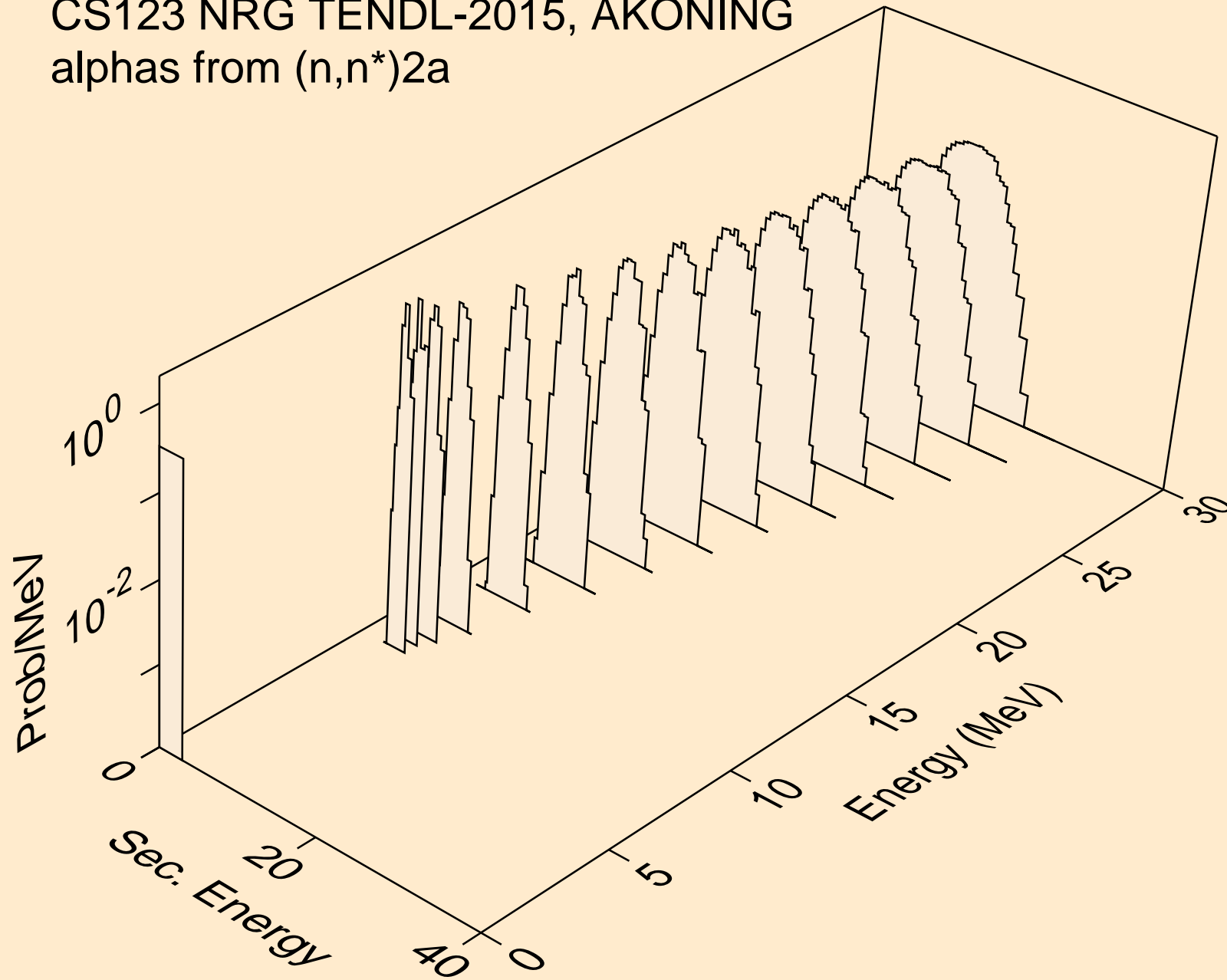
CS123 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



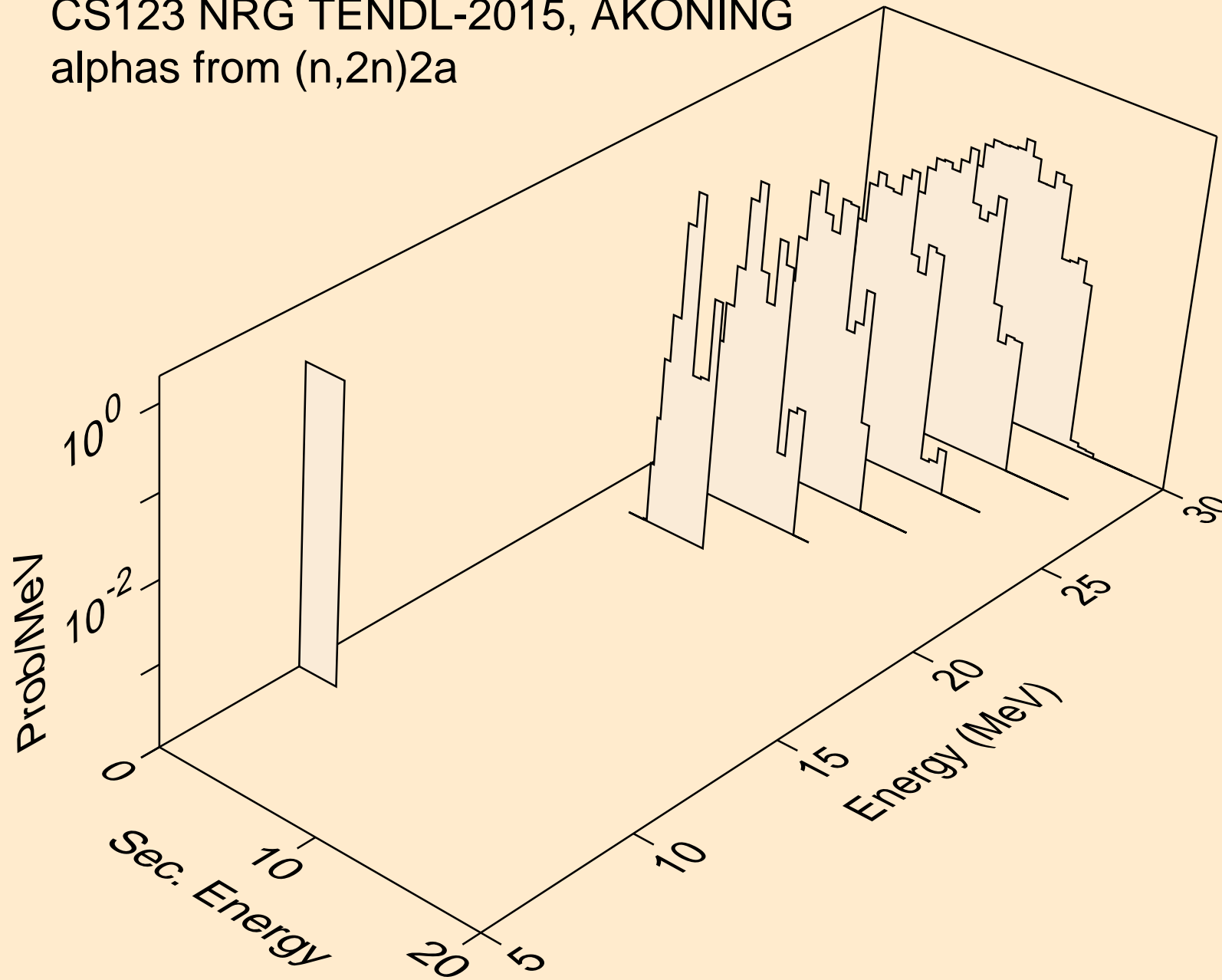
CS123 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



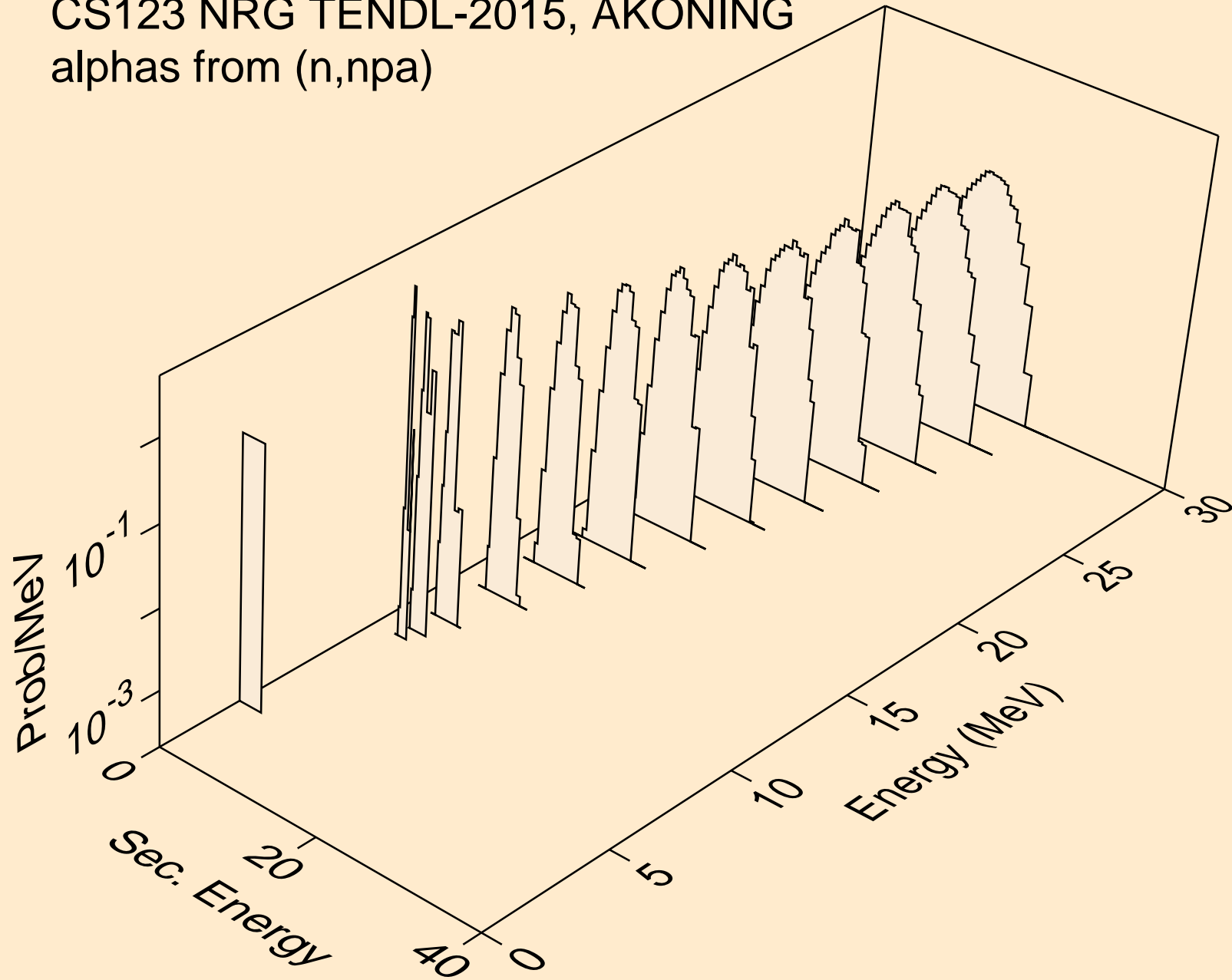
CS123 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



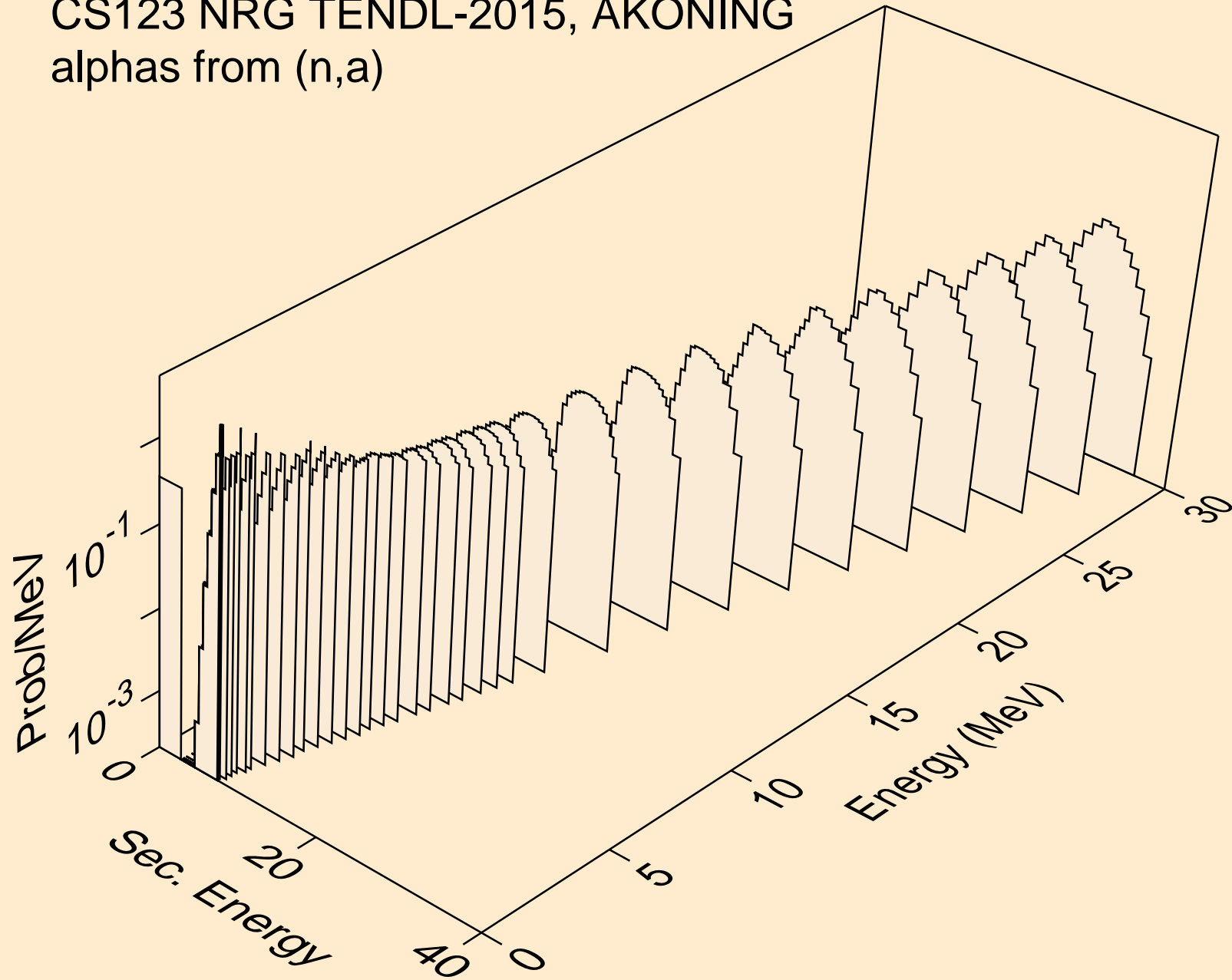
CS123 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



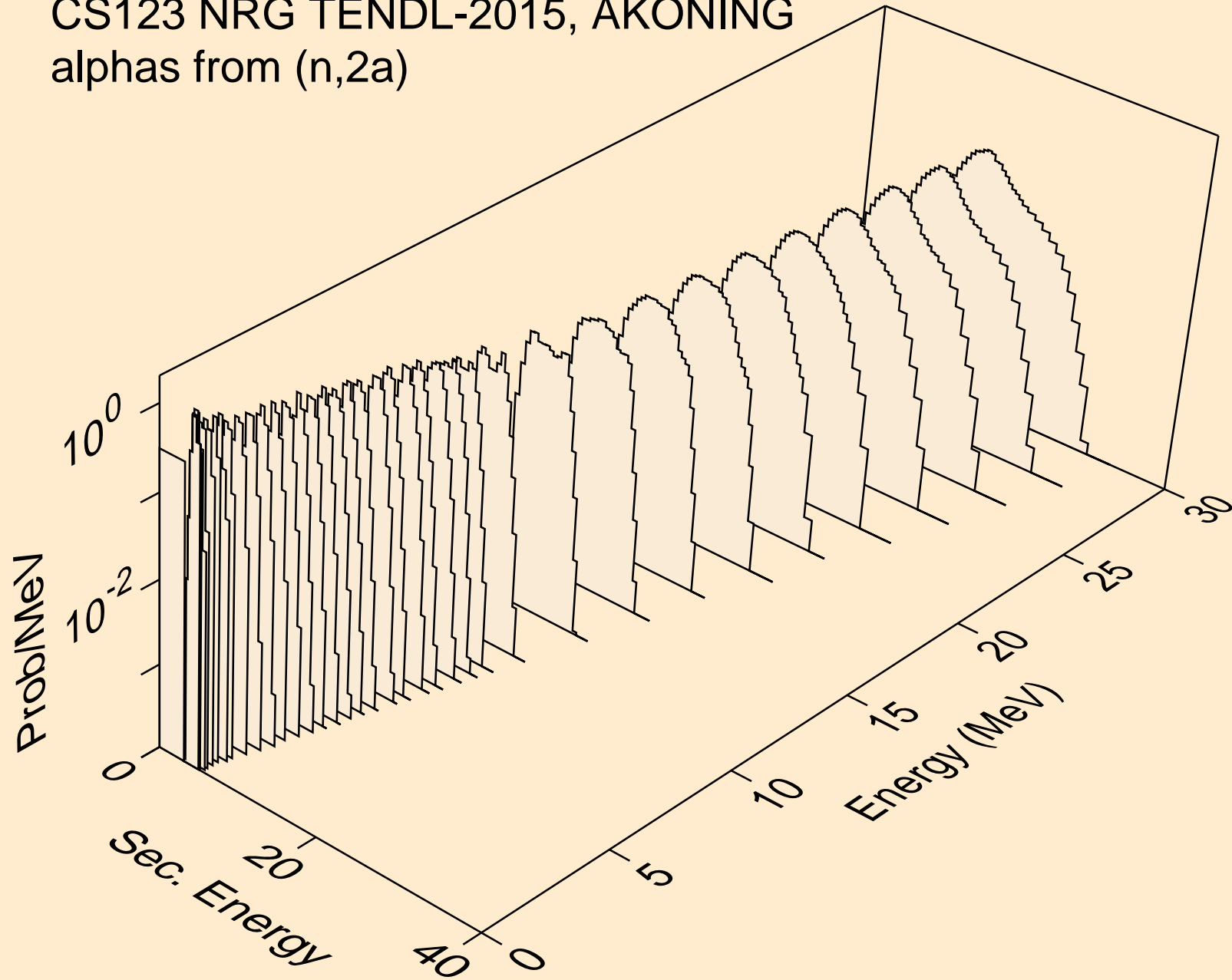
CS123 NRG TENDL-2015, AKONING  
alphas from (n,npa)



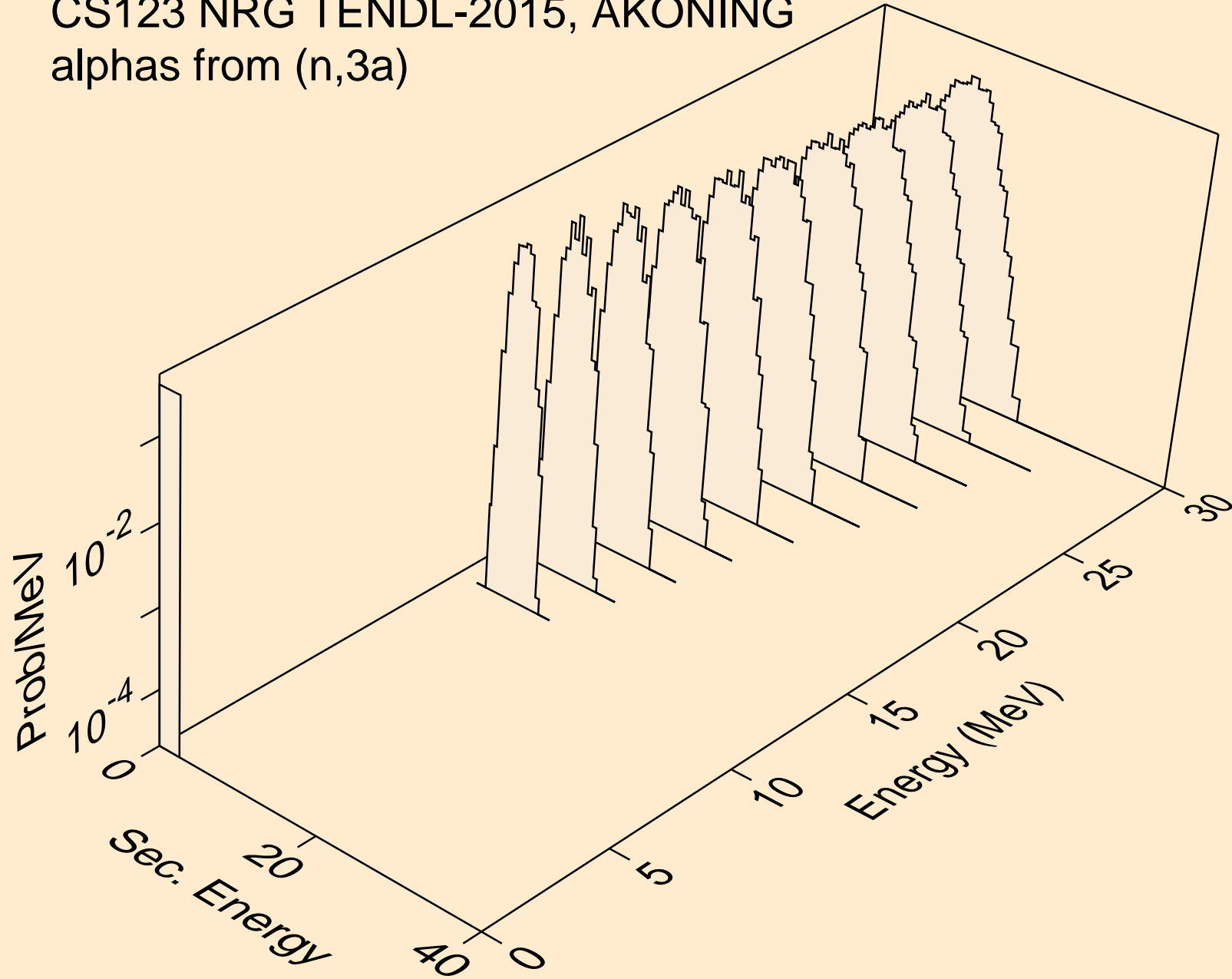
CS123 NRG TENDL-2015, AKONING  
alphas from (n,a)



CS123 NRG TENDL-2015, AKONING  
alphas from (n,2a)

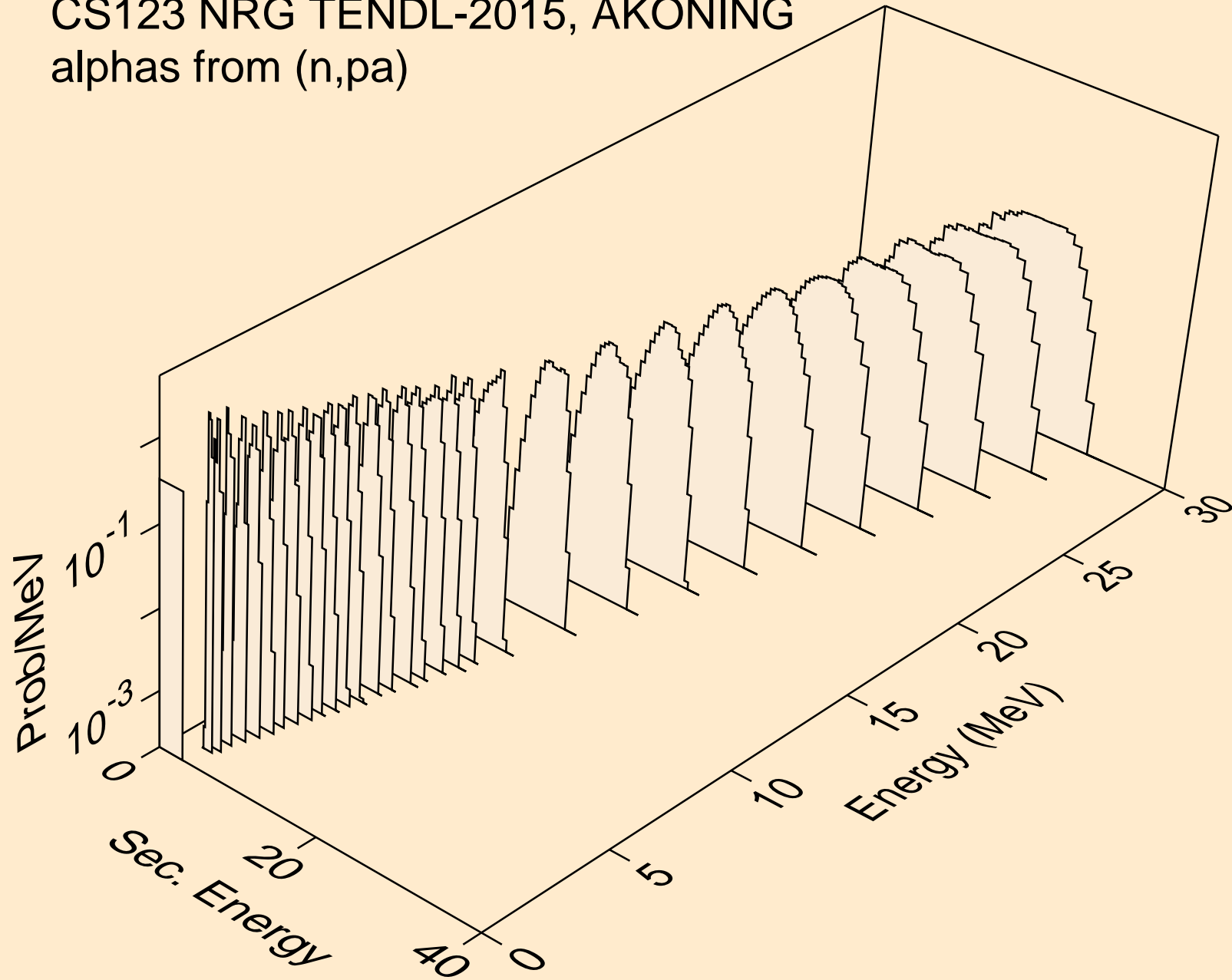


CS123 NRG TENDL-2015, AKONING  
alphas from (n,3a)

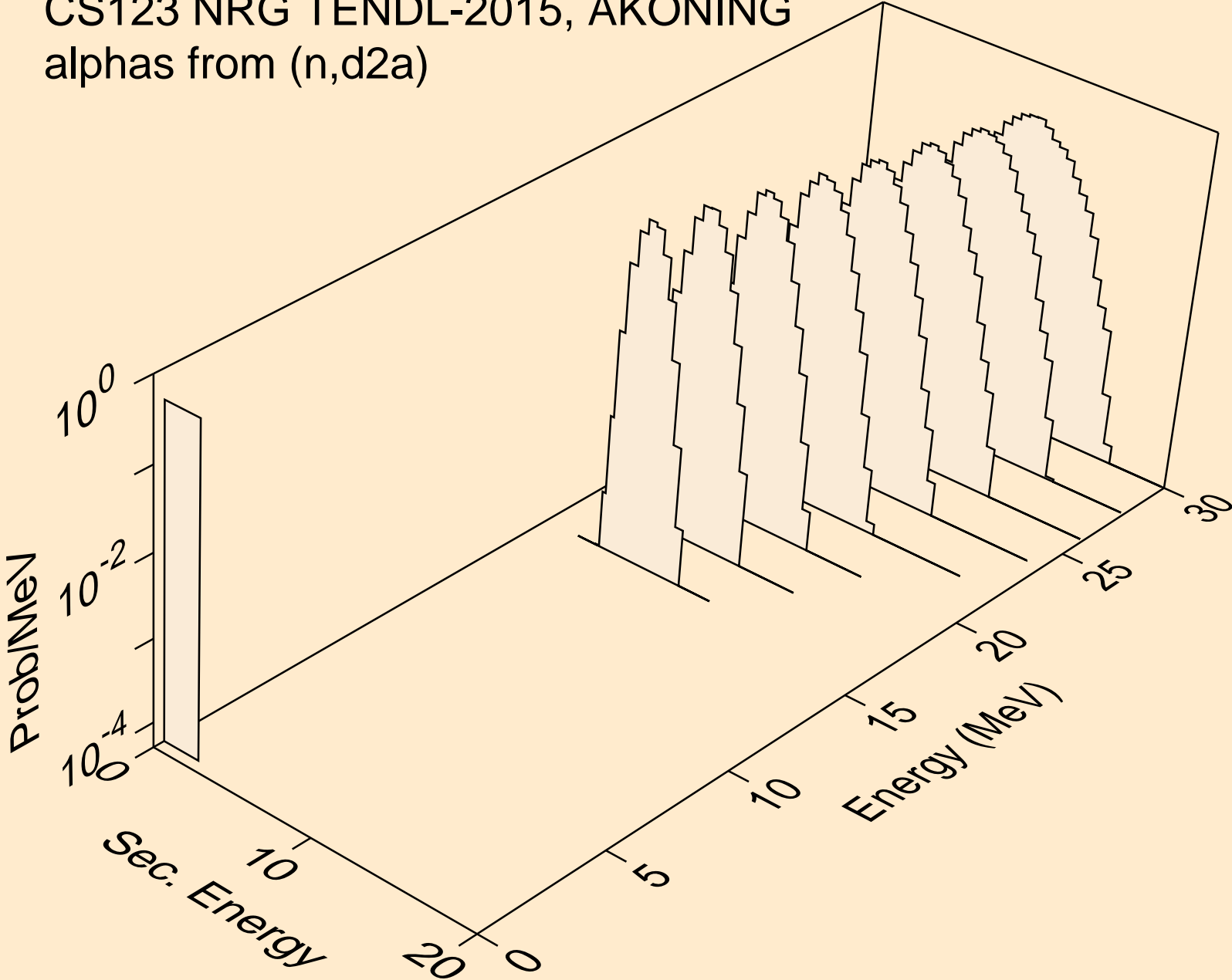




CS123 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CS123 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



CS123 NRG TENDL-2015, AKONING  
alphas from (n,da)

