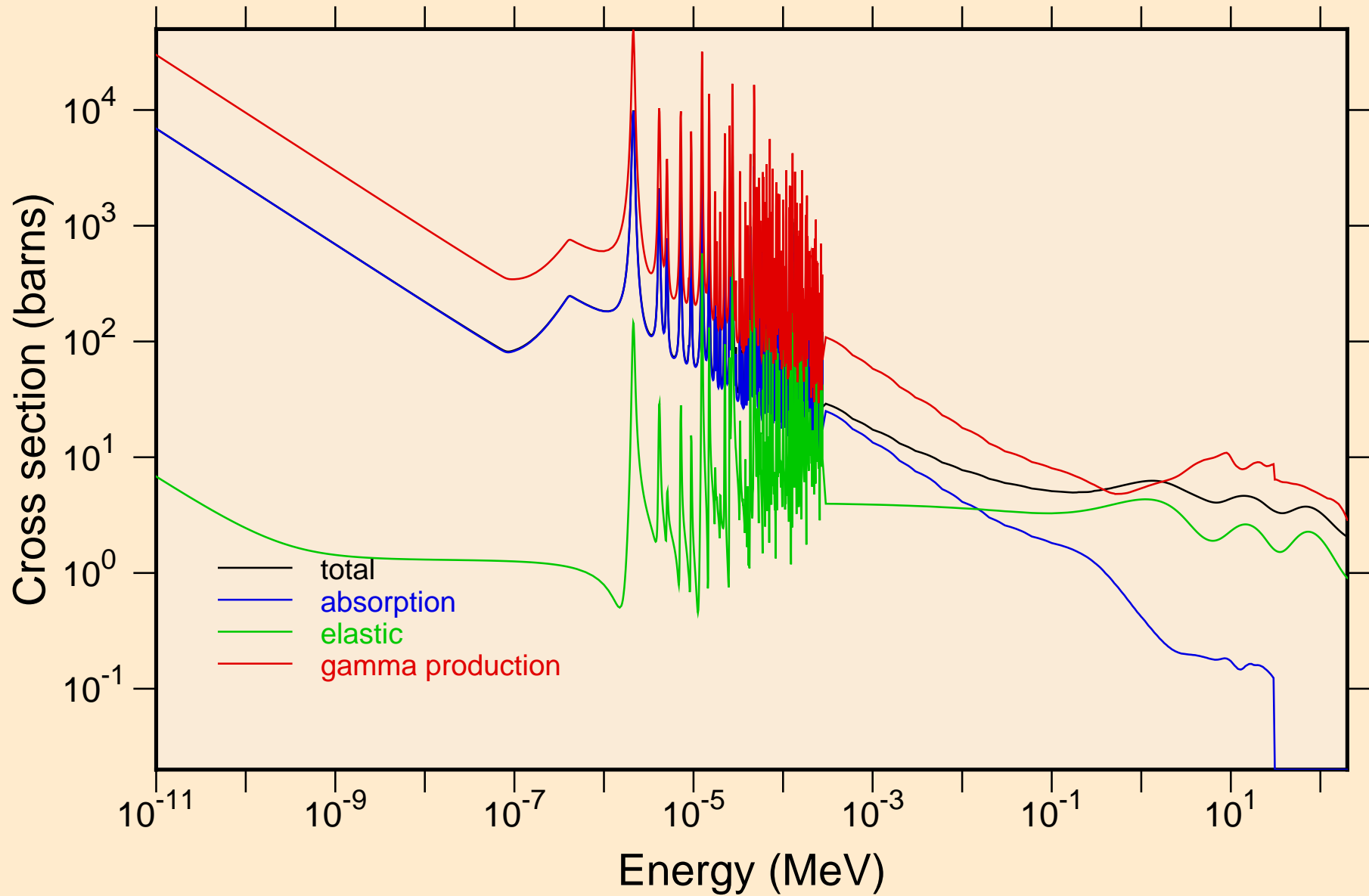
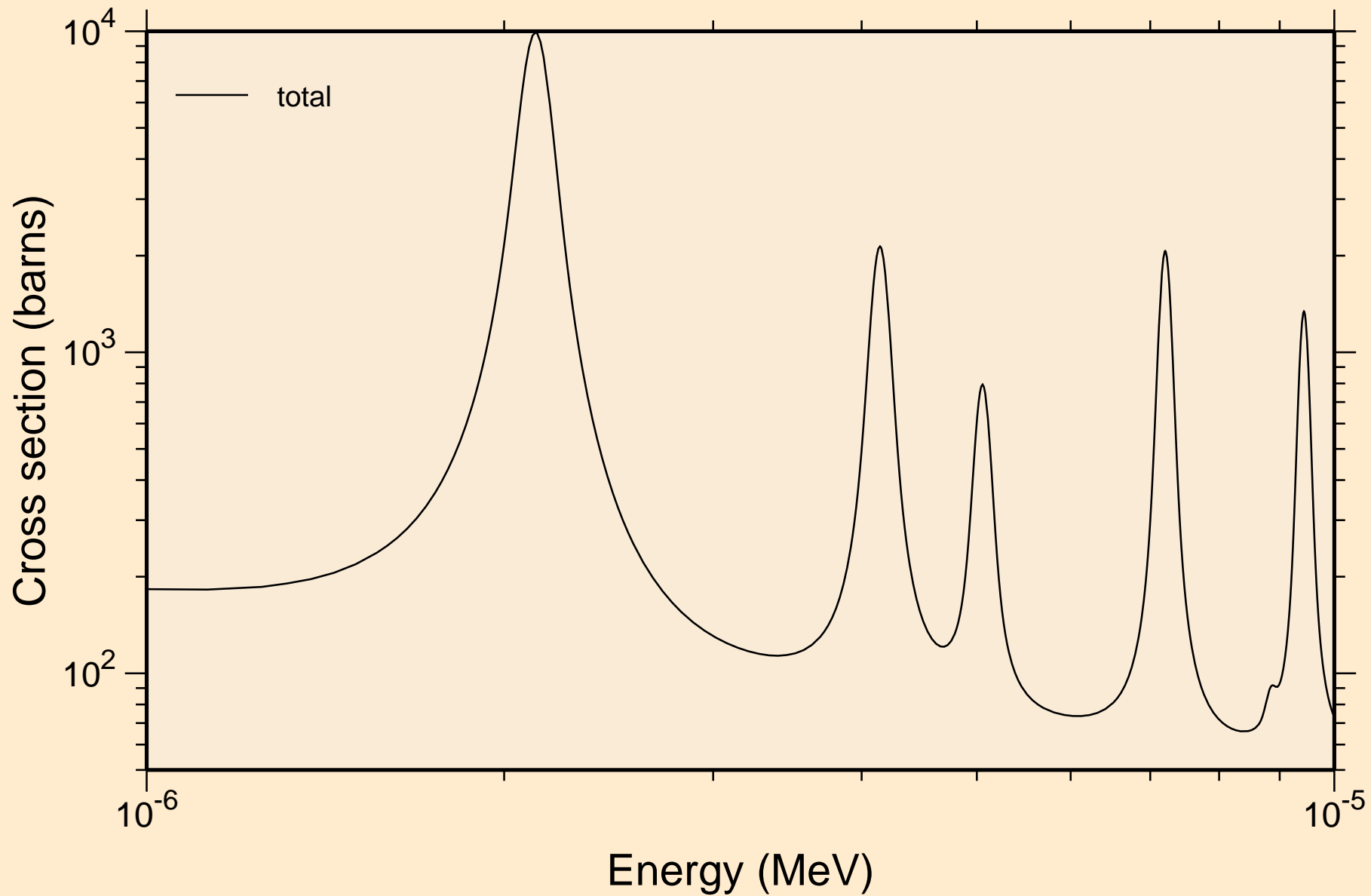


# CS124 NRG TENDL-2015, AKONING

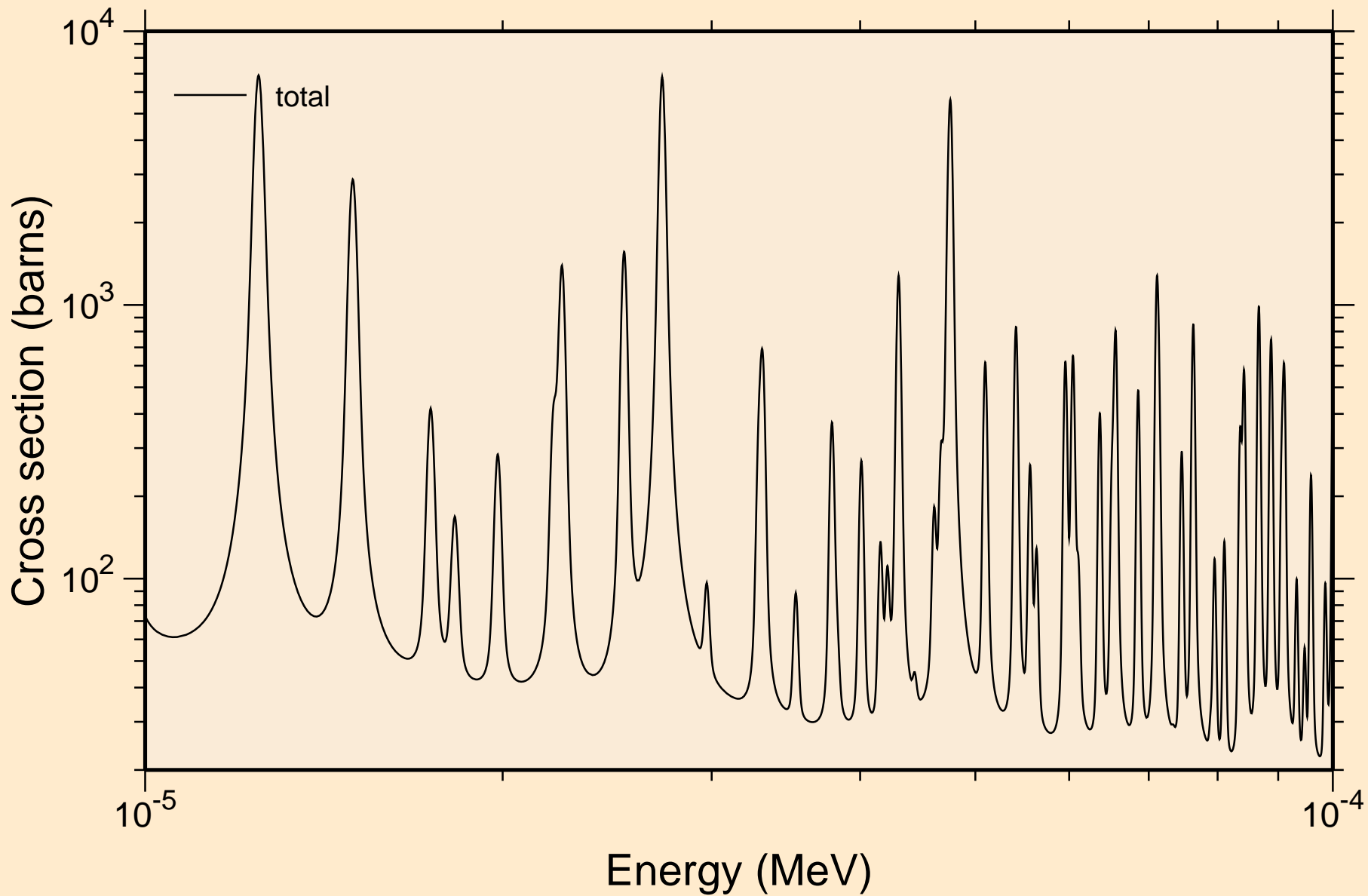
## Principal cross sections



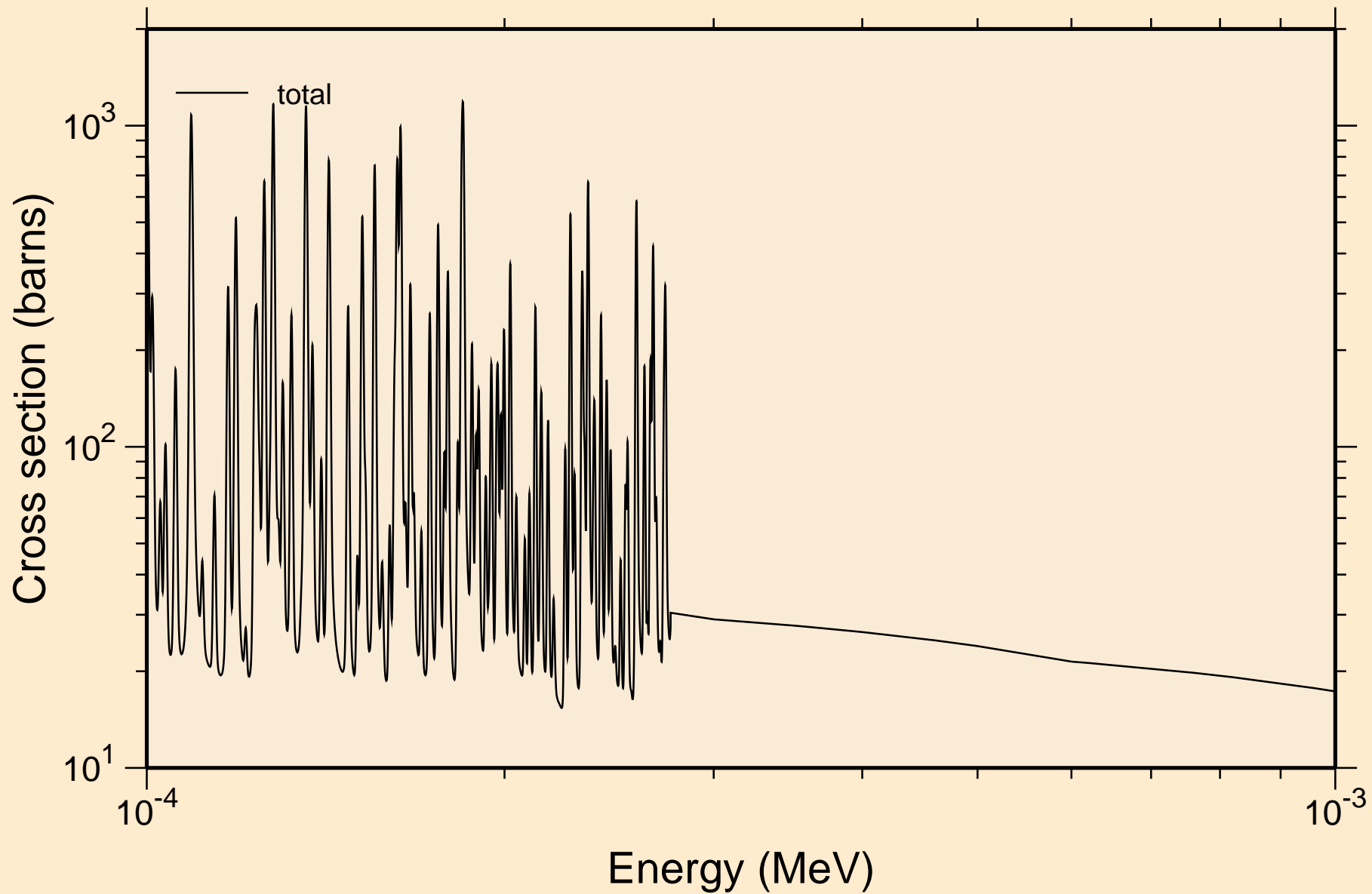
CS124 NRG TENDL-2015, AKONING  
resonance total cross section



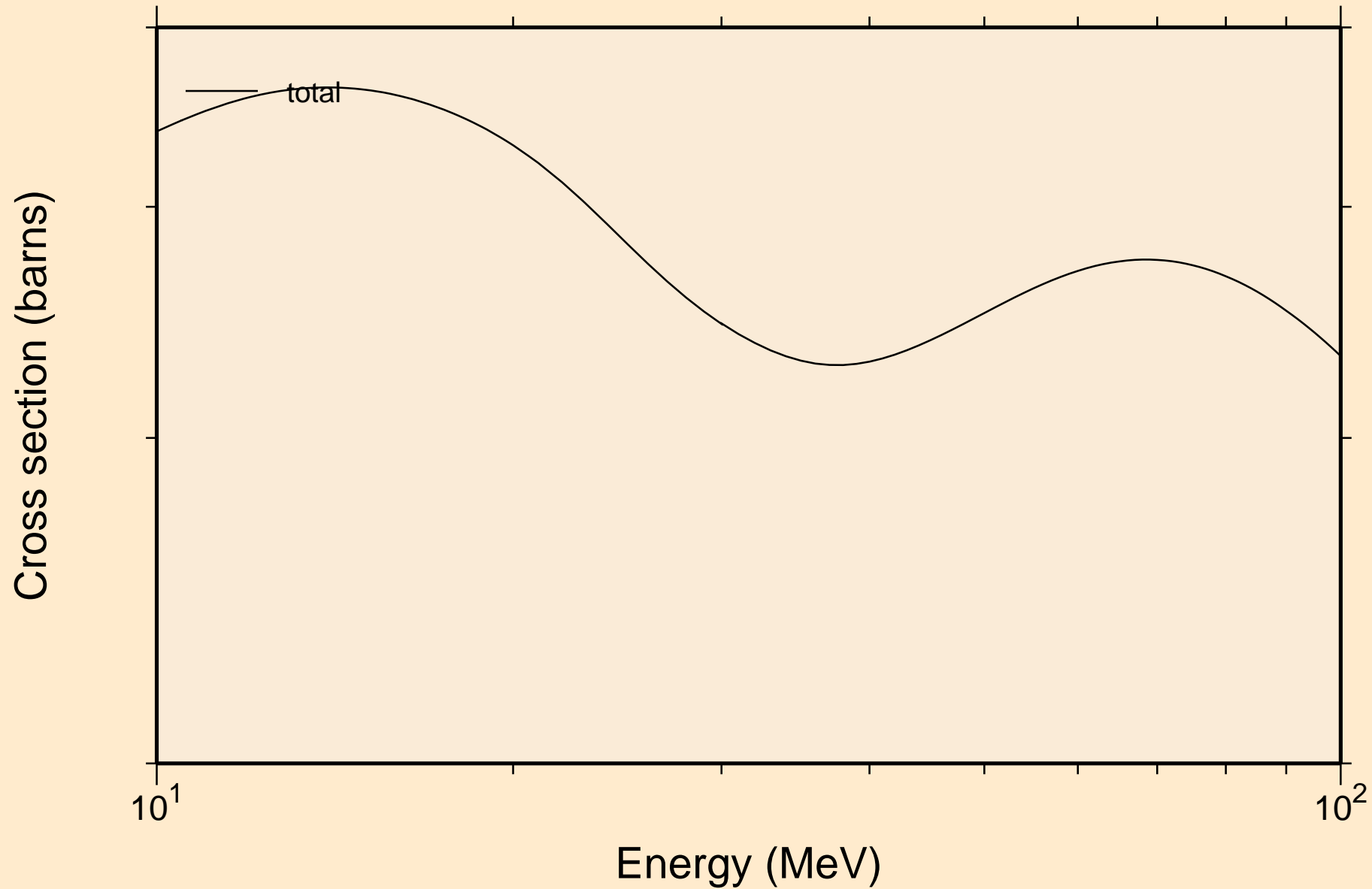
CS124 NRG TENDL-2015, AKONING  
resonance total cross section



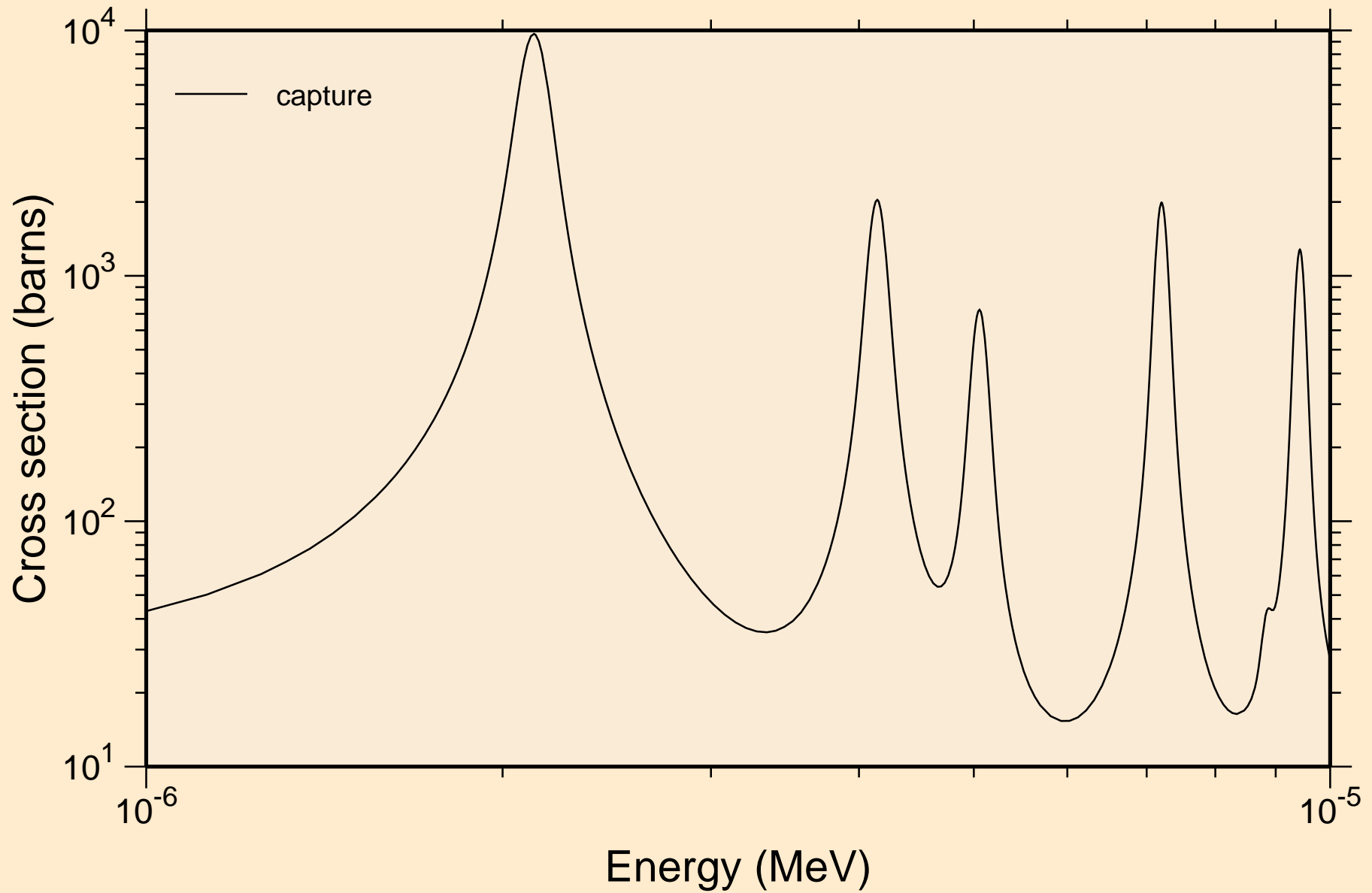
CS124 NRG TENDL-2015, AKONING  
resonance total cross section



C<sup>124</sup> NRG TENDL-2015, AKONING  
resonance total cross section

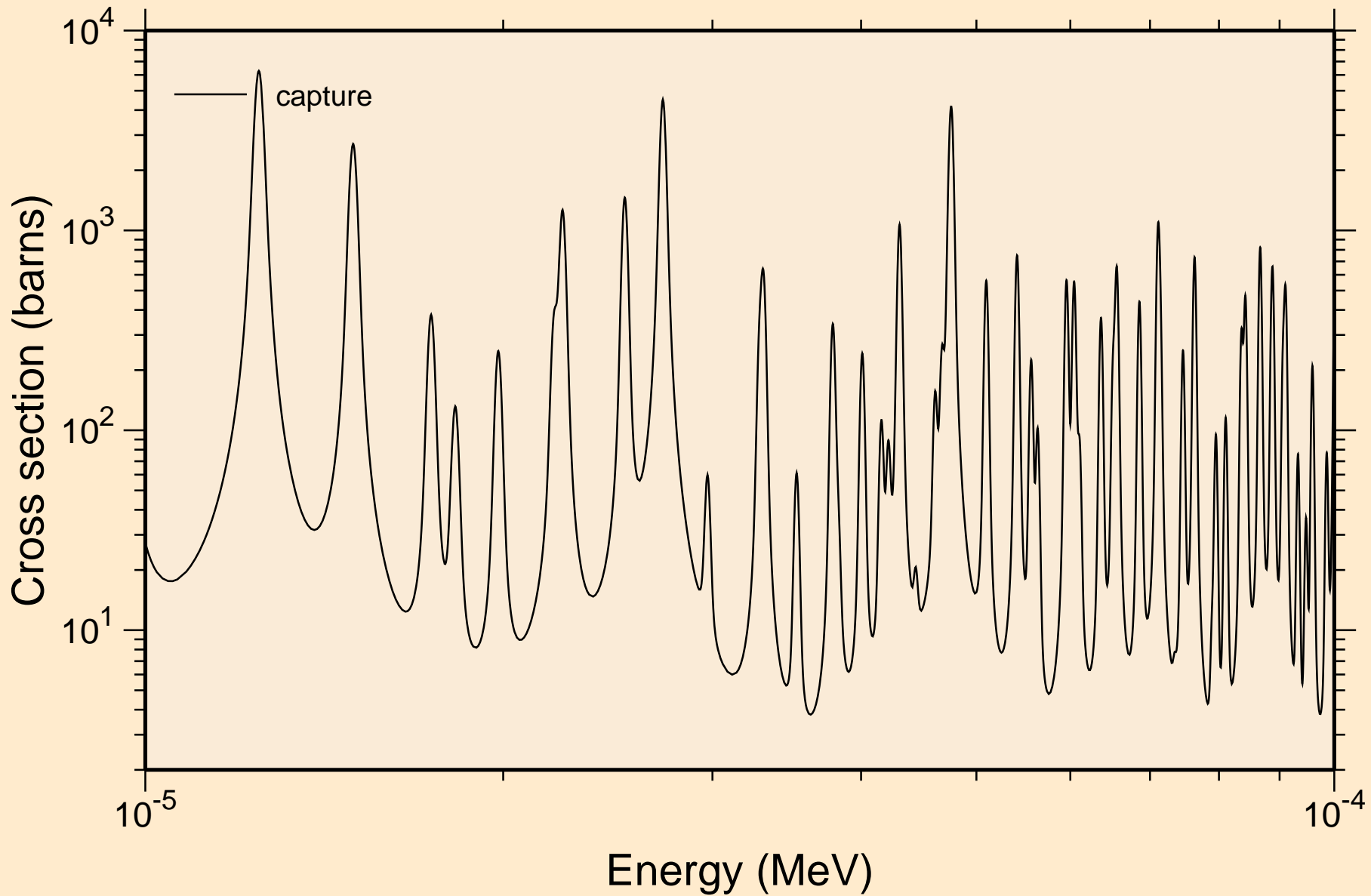


CS124 NRG TENDL-2015, AKONING  
resonance absorption cross sections

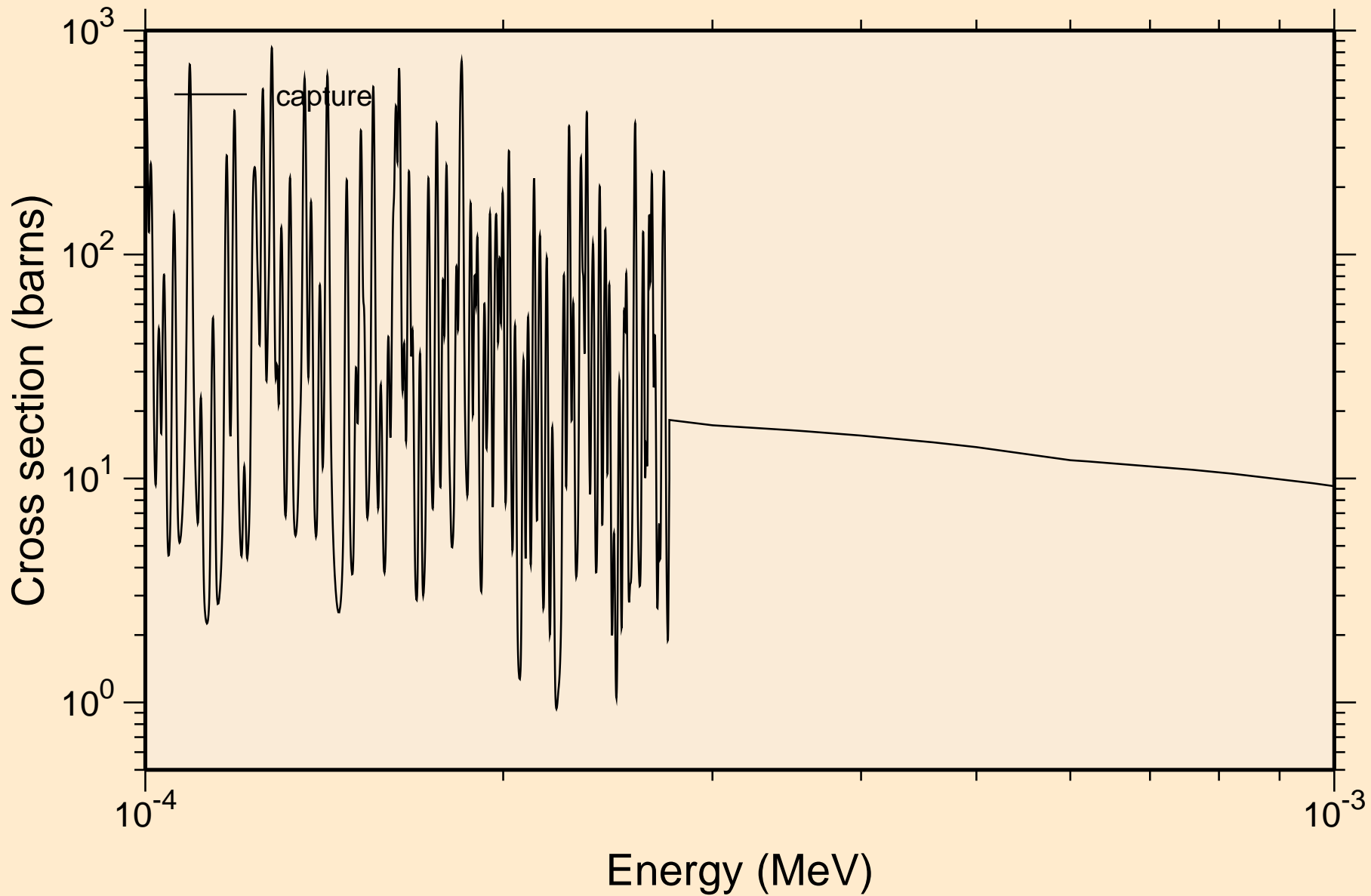


# CS124 NRG TENDL-2015, AKONING

## resonance absorption cross sections

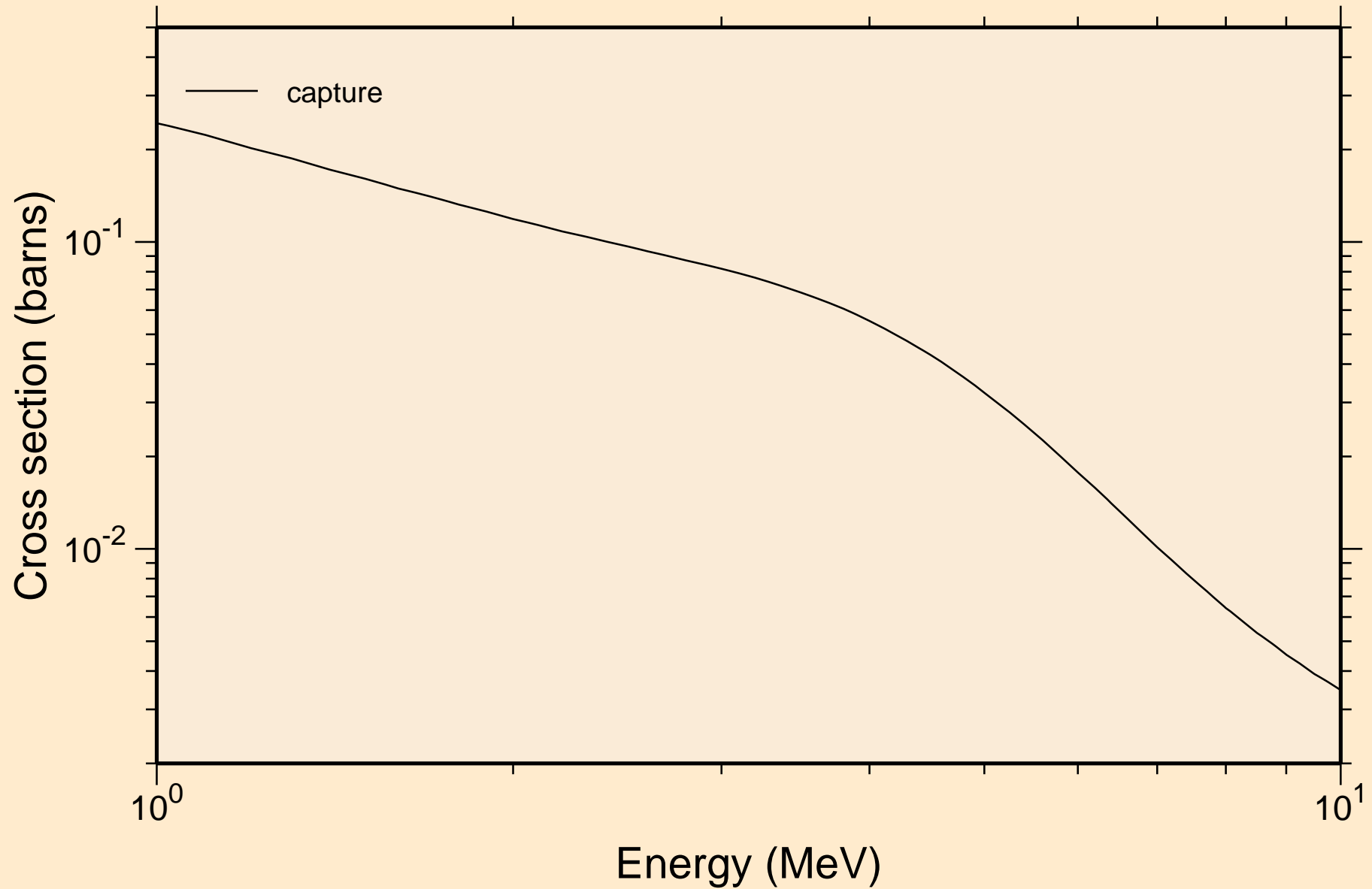


CS124 NRG TENDL-2015, AKONING  
resonance absorption cross sections



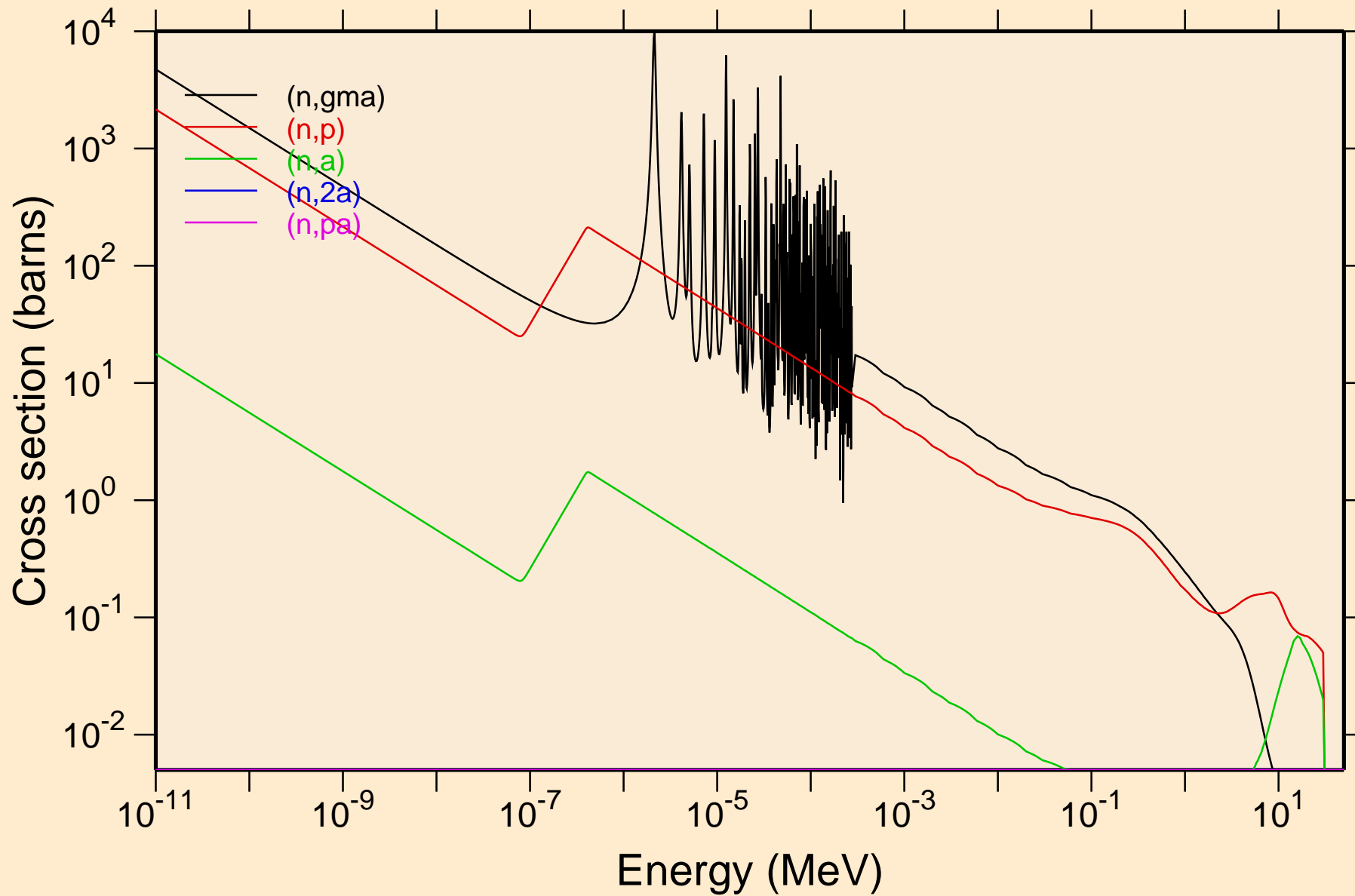


CS124 NRG TENDL-2015, AKONING  
resonance absorption cross sections



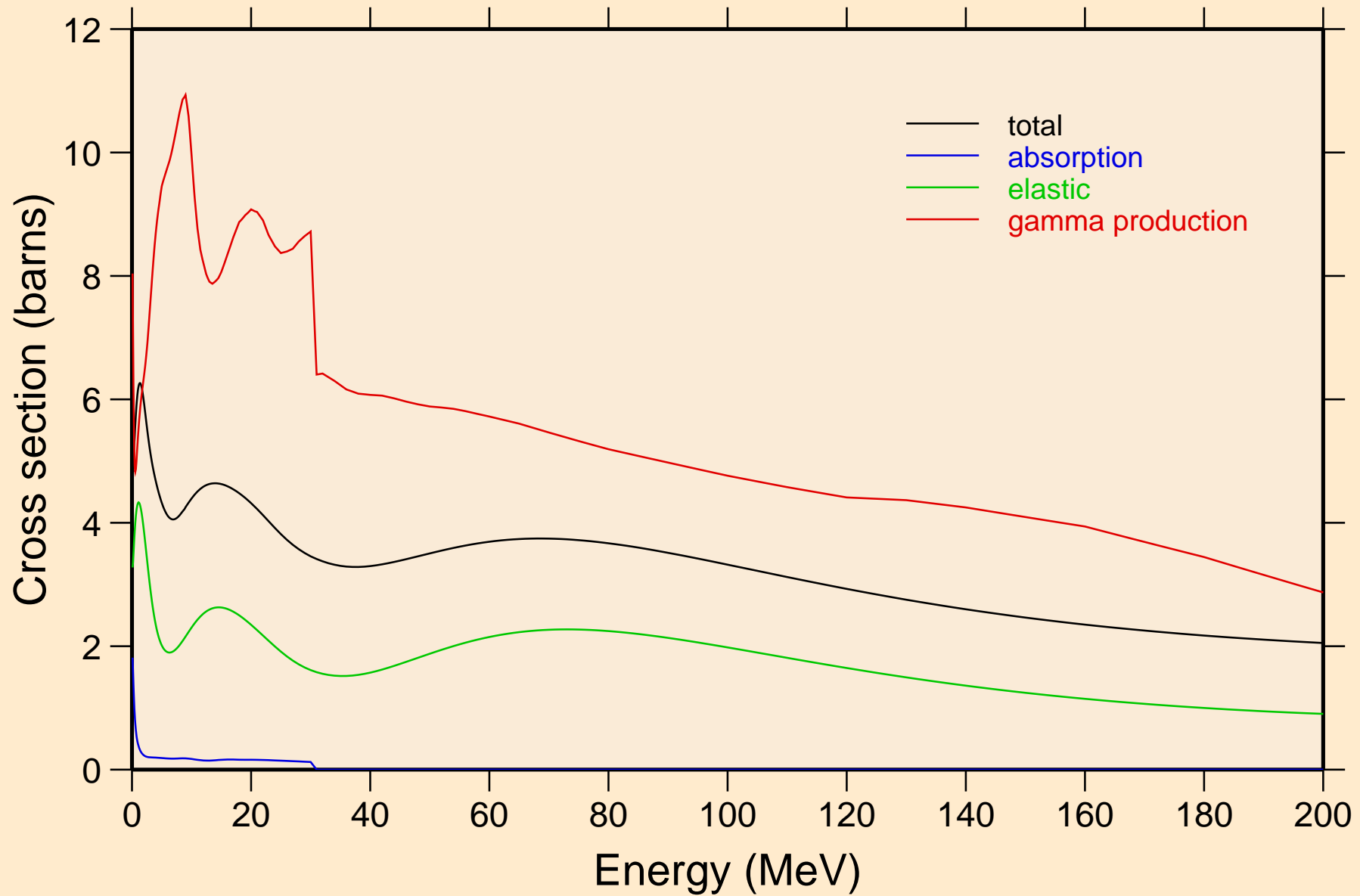
# CS124 NRG TENDL-2015, AKONING

## Non-threshold reactions



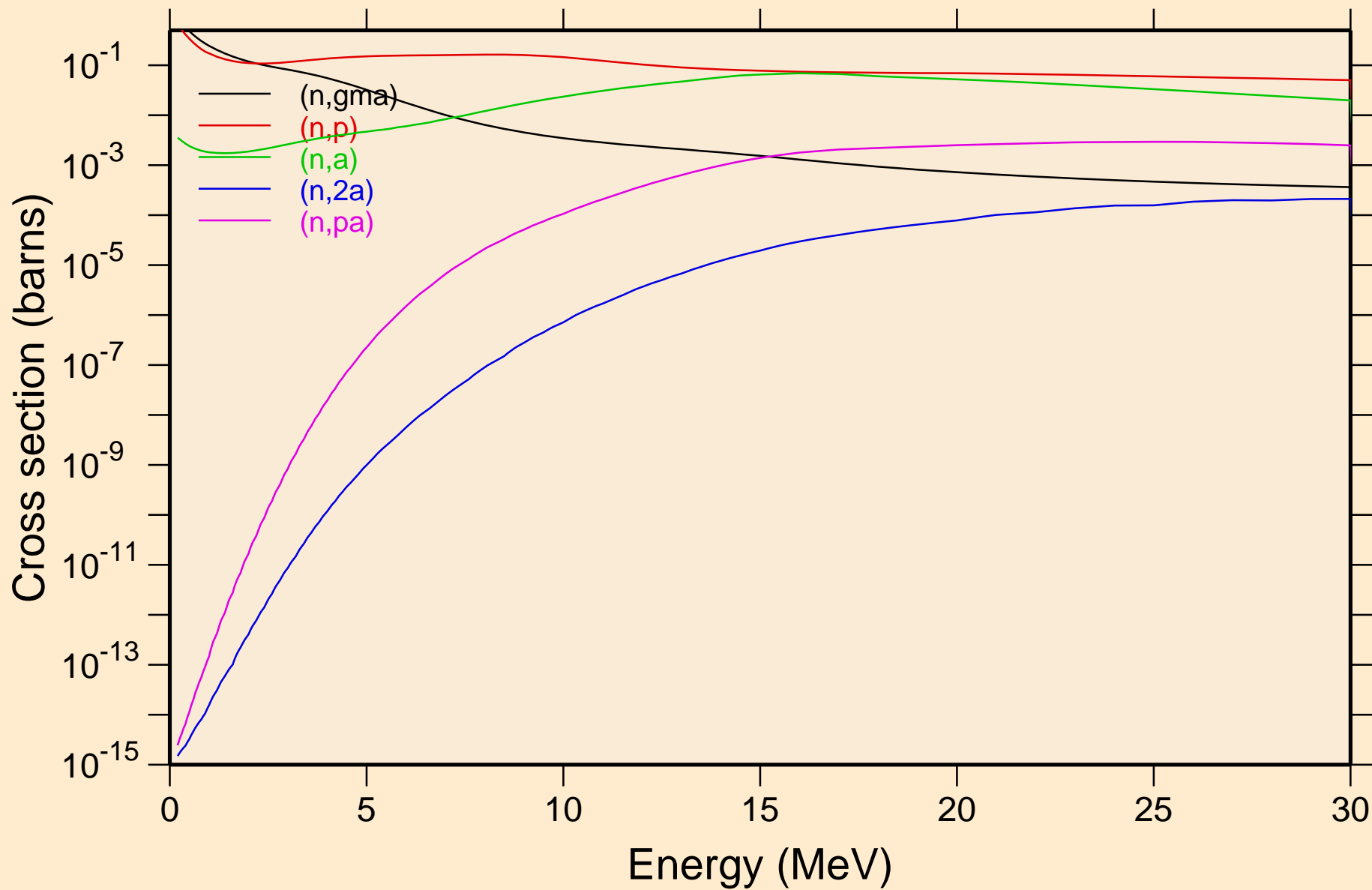
# CS124 NRG TENDL-2015, AKONING

## Principal cross sections



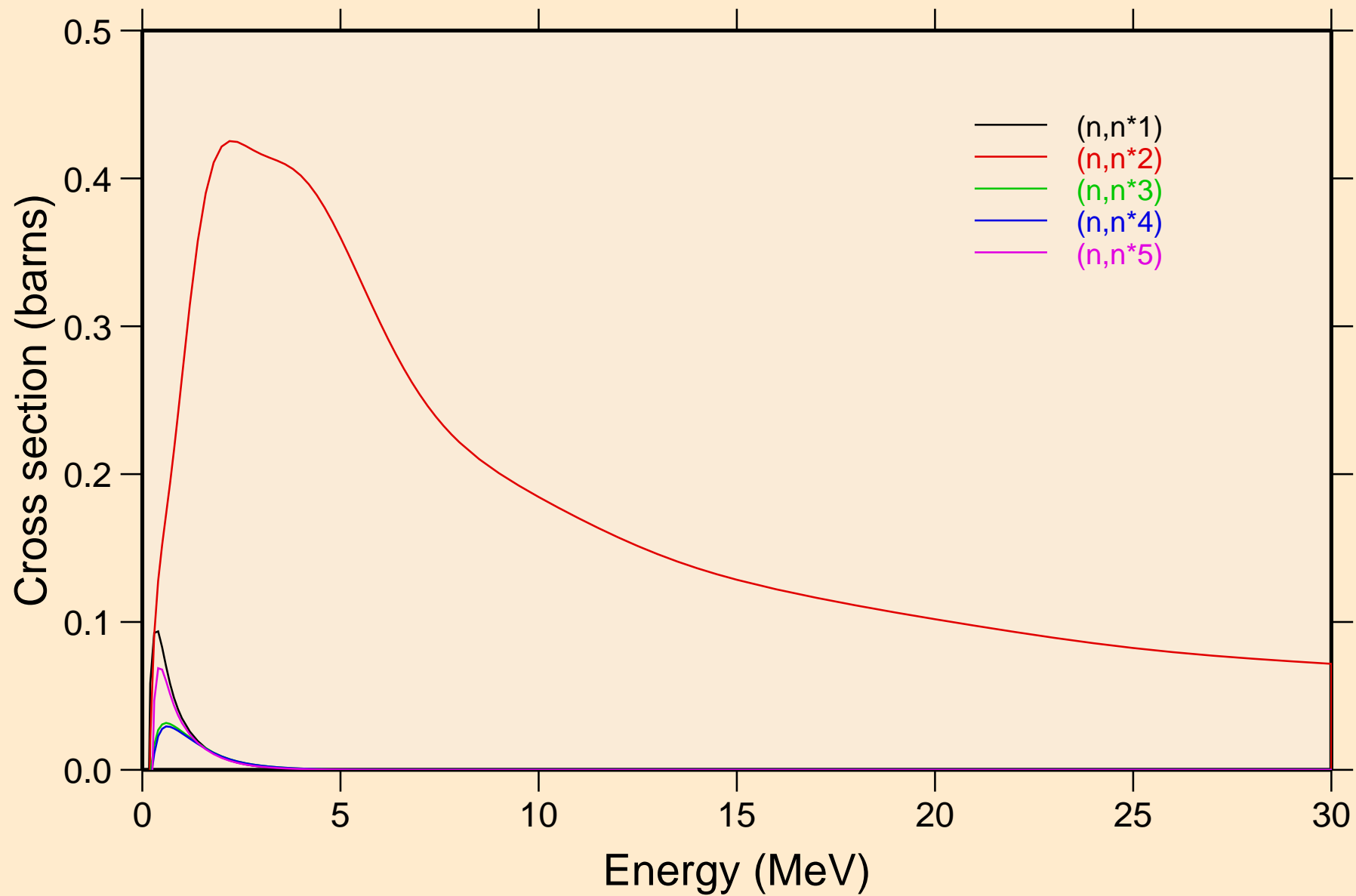
# CS124 NRG TENDL-2015, AKONING

## Non-threshold reactions



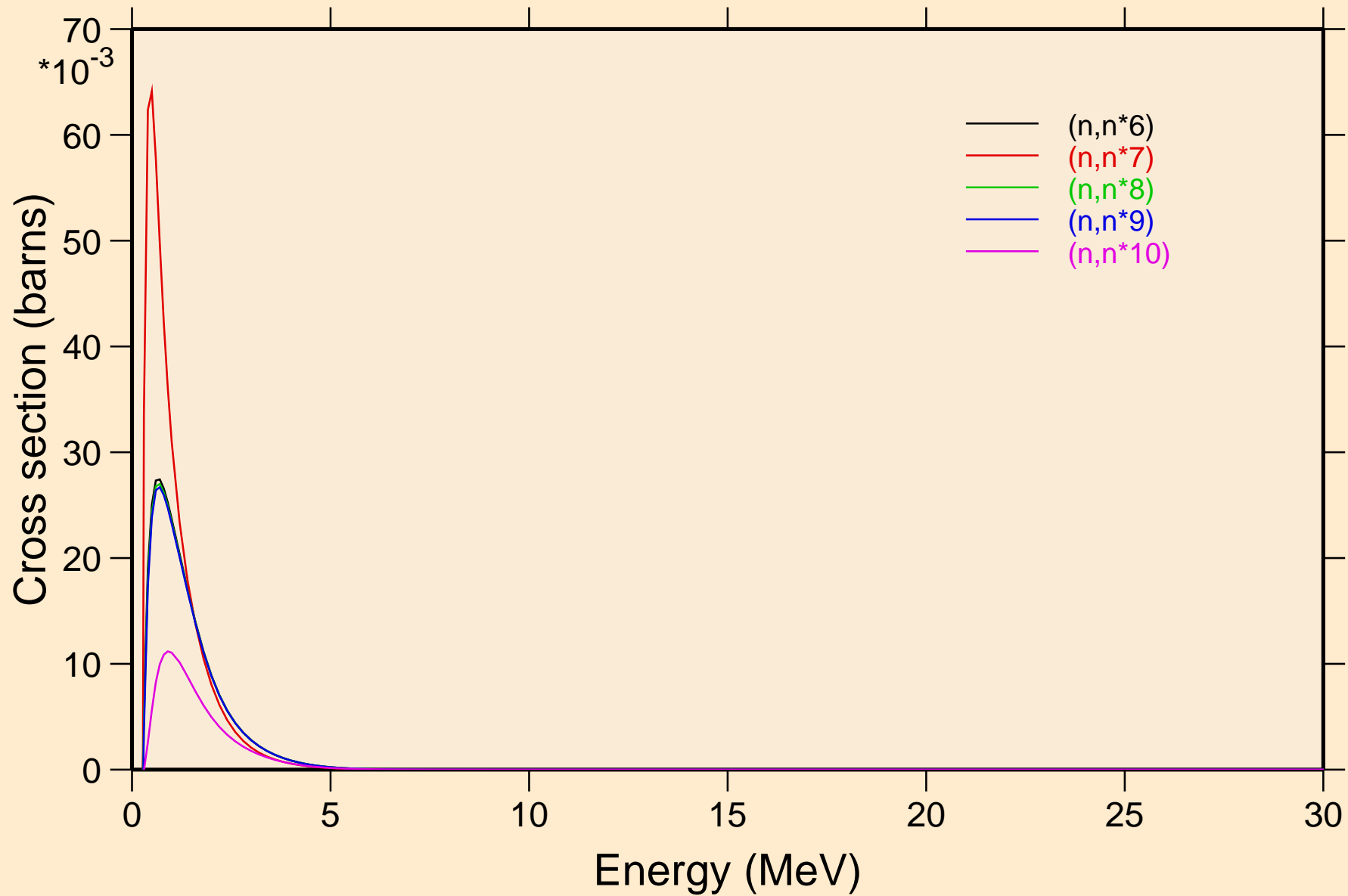
# CS124 NRG TENDL-2015, AKONING

## Inelastic levels



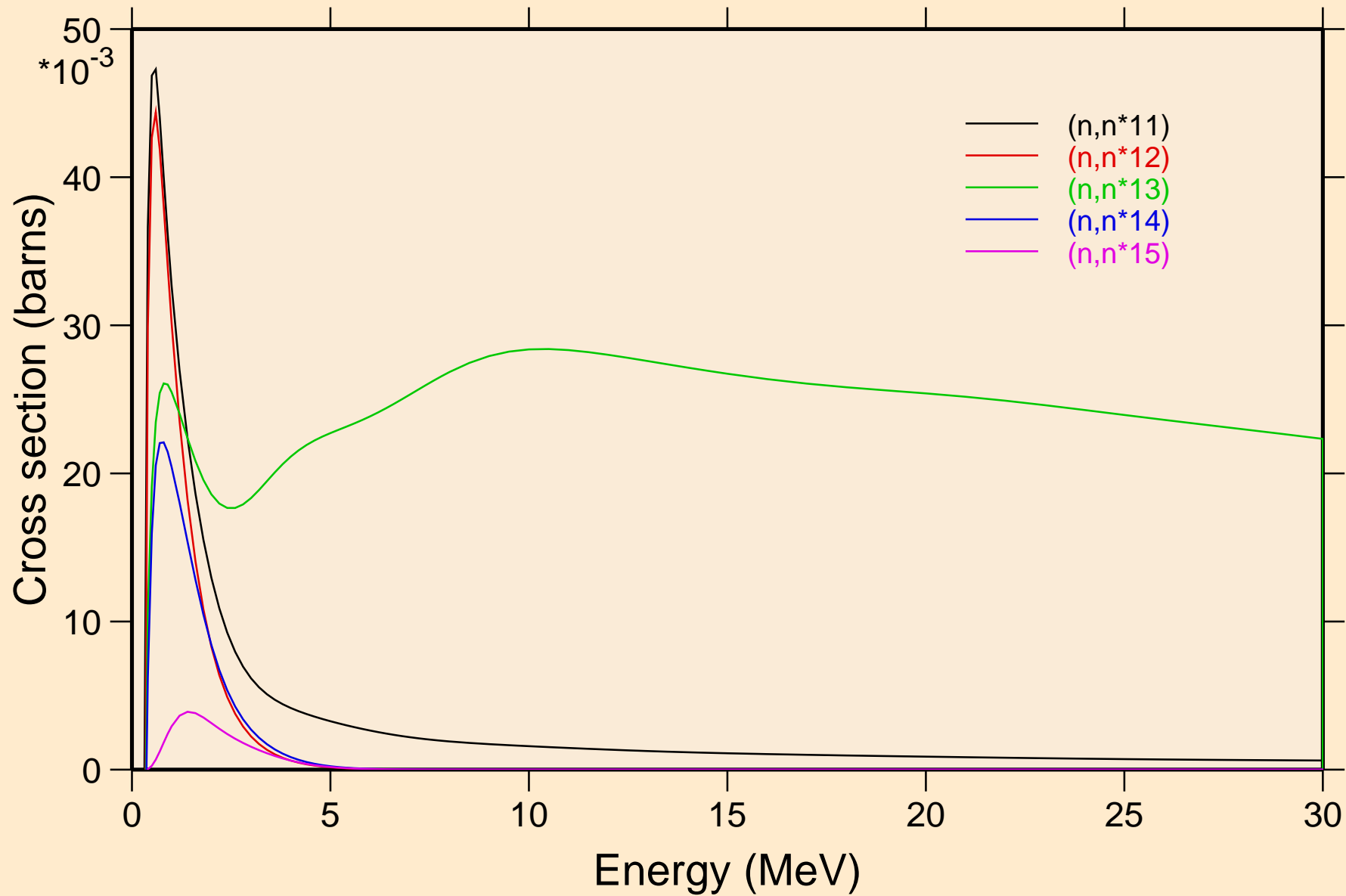
# CS124 NRG TENDL-2015, AKONING

## Inelastic levels



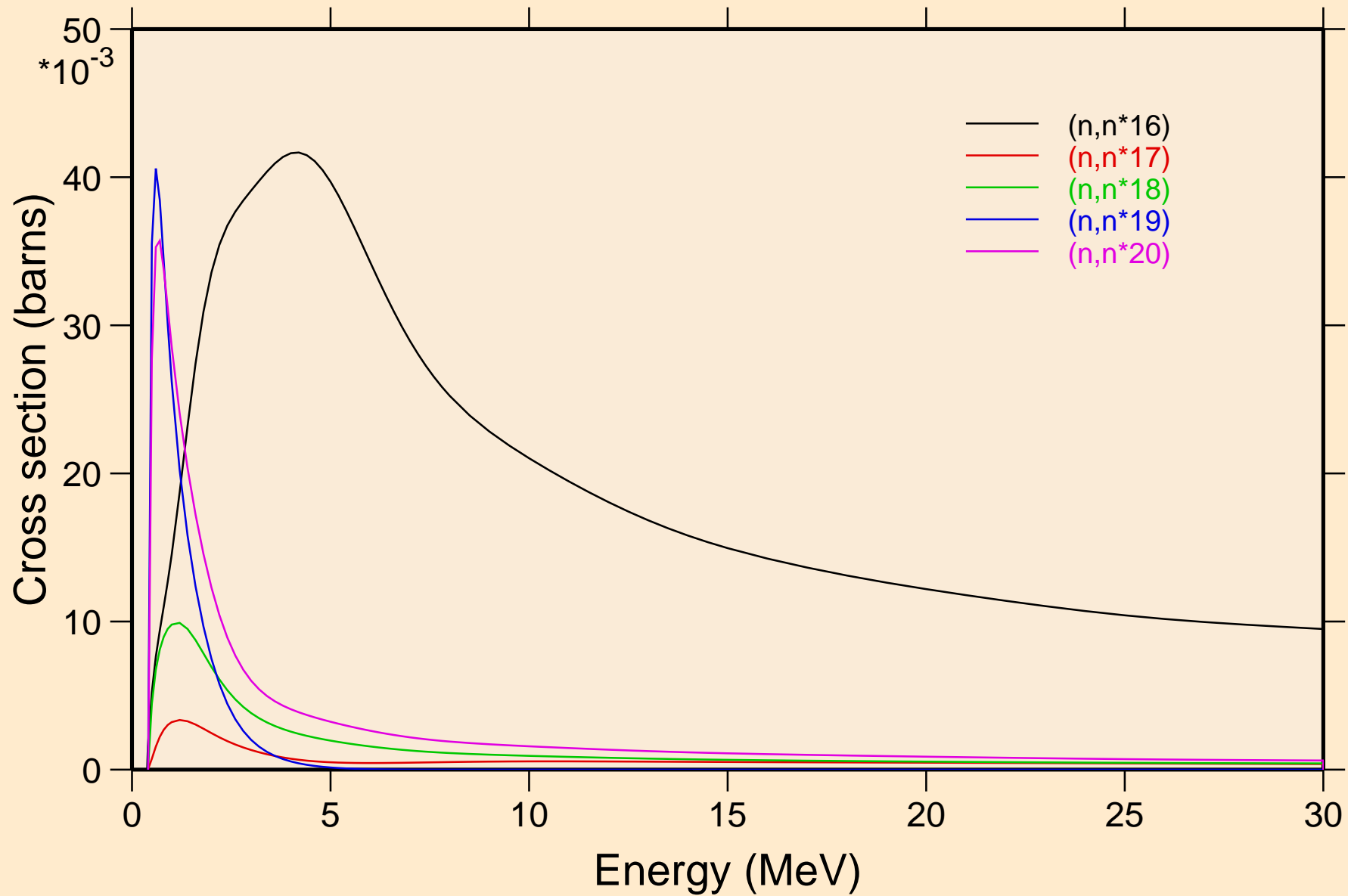
# CS124 NRG TENDL-2015, AKONING

## Inelastic levels



# CS124 NRG TENDL-2015, AKONING

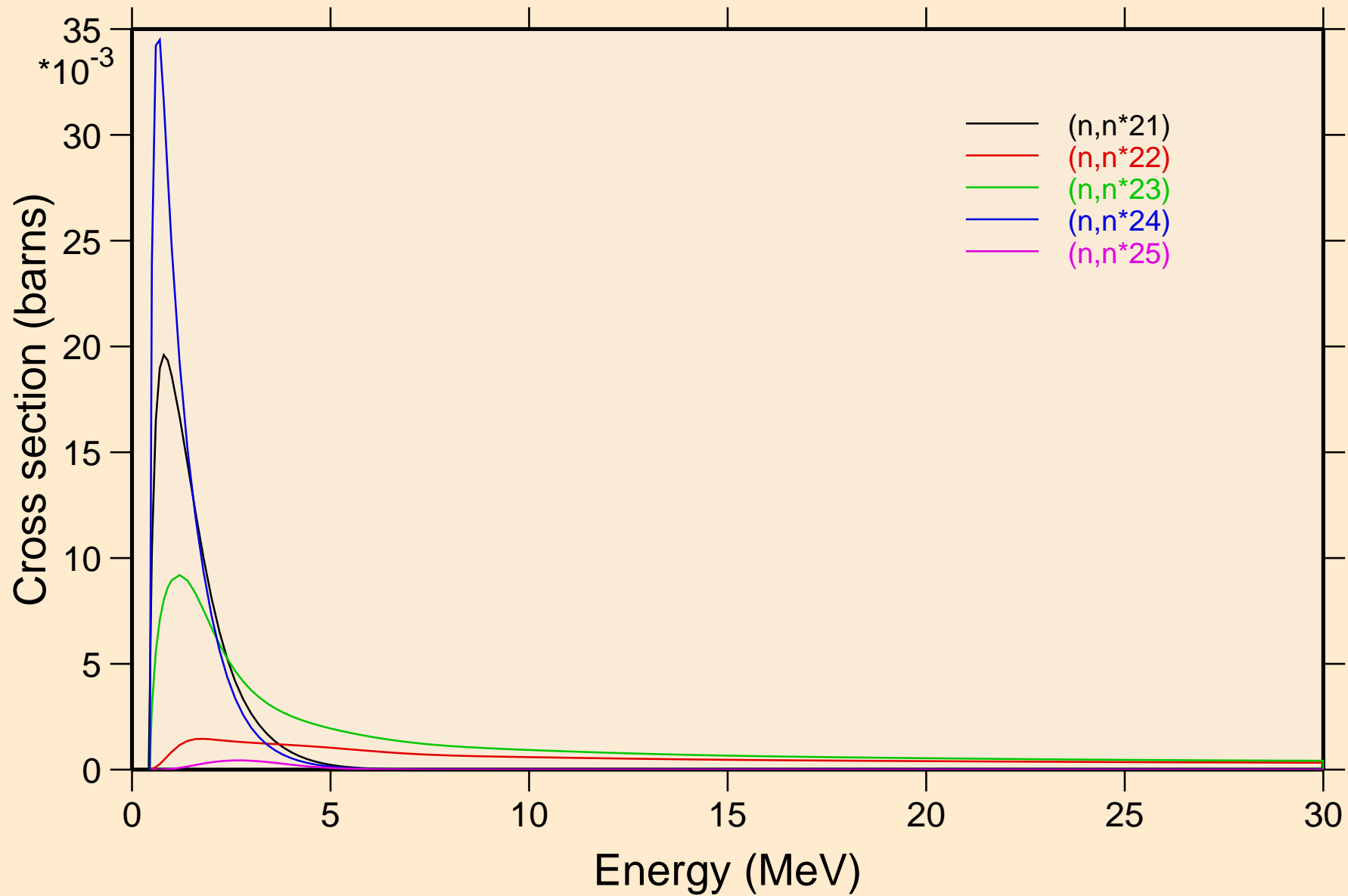
## Inelastic levels





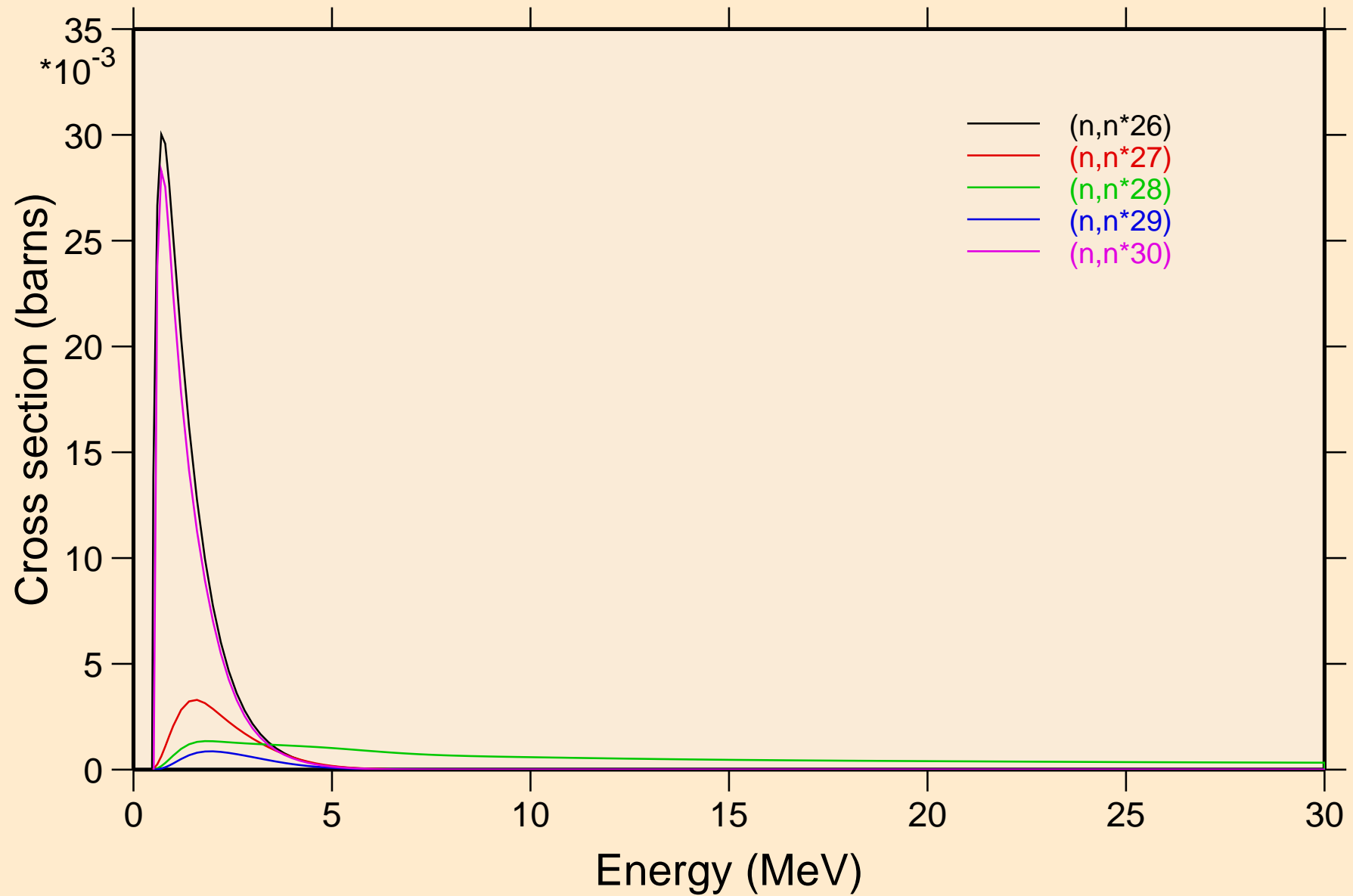
# CS124 NRG TENDL-2015, AKONING

## Inelastic levels



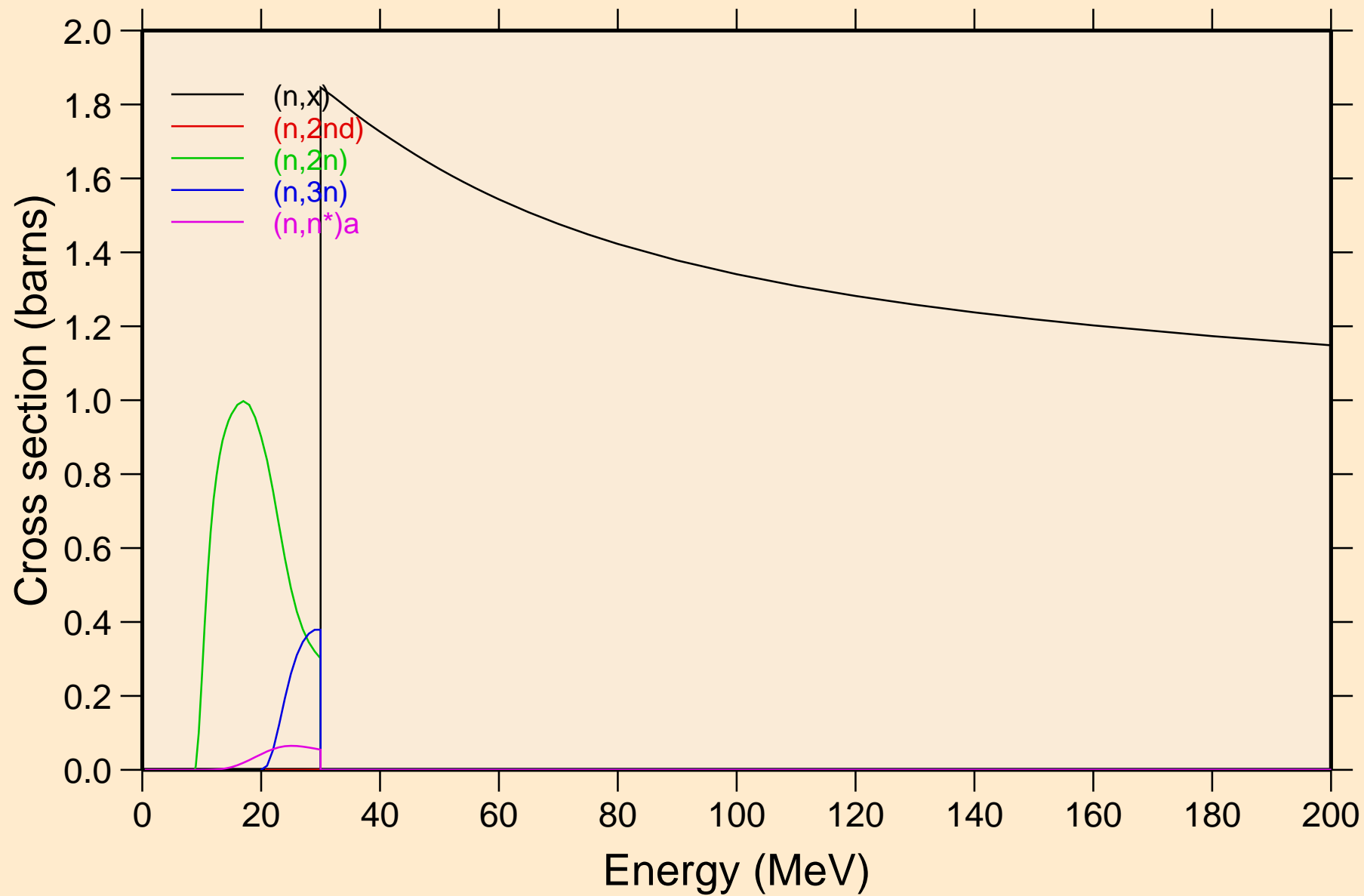
# CS124 NRG TENDL-2015, AKONING

## Inelastic levels



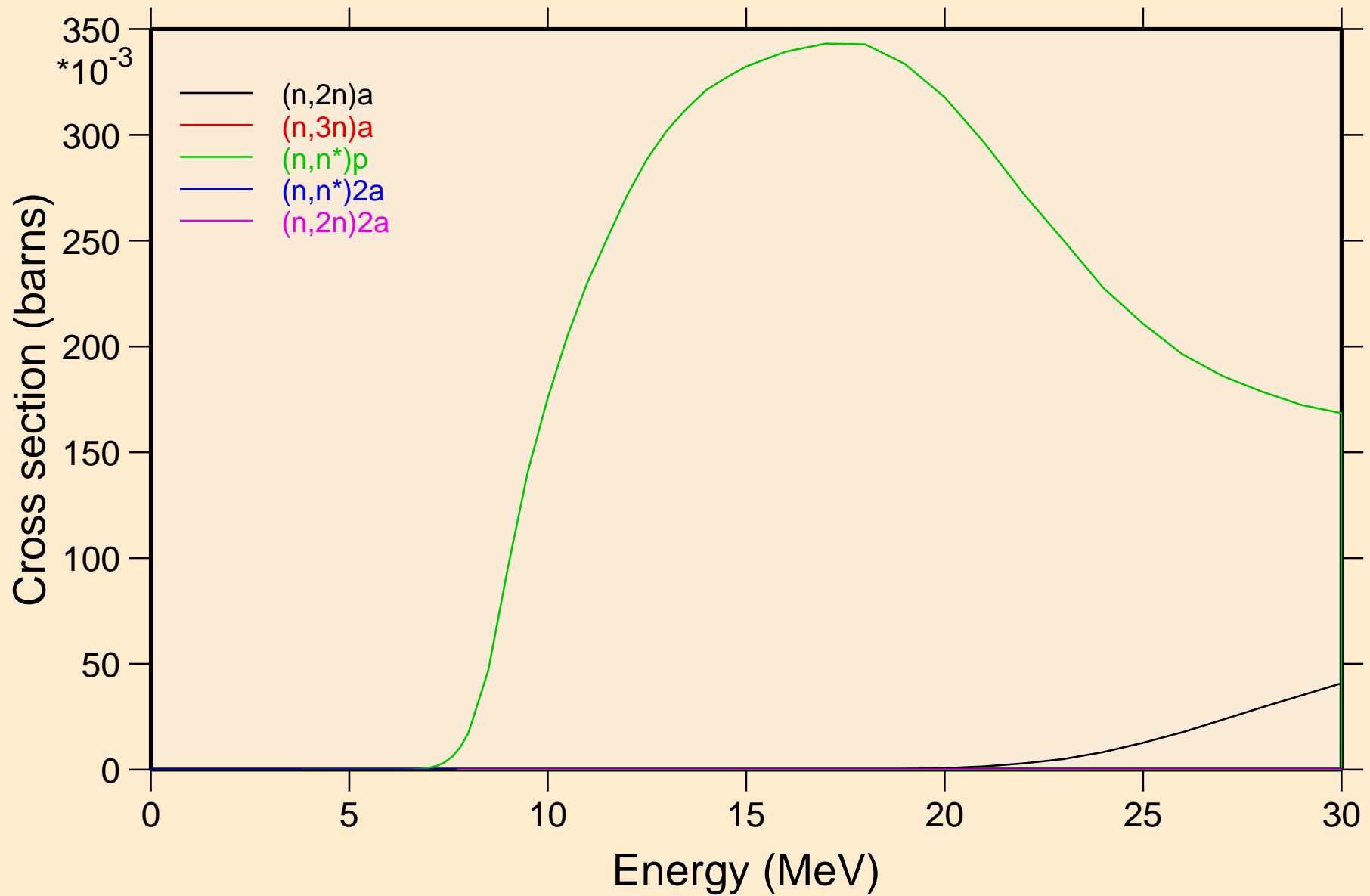
# CS124 NRG TENDL-2015, AKONING

## Threshold reactions



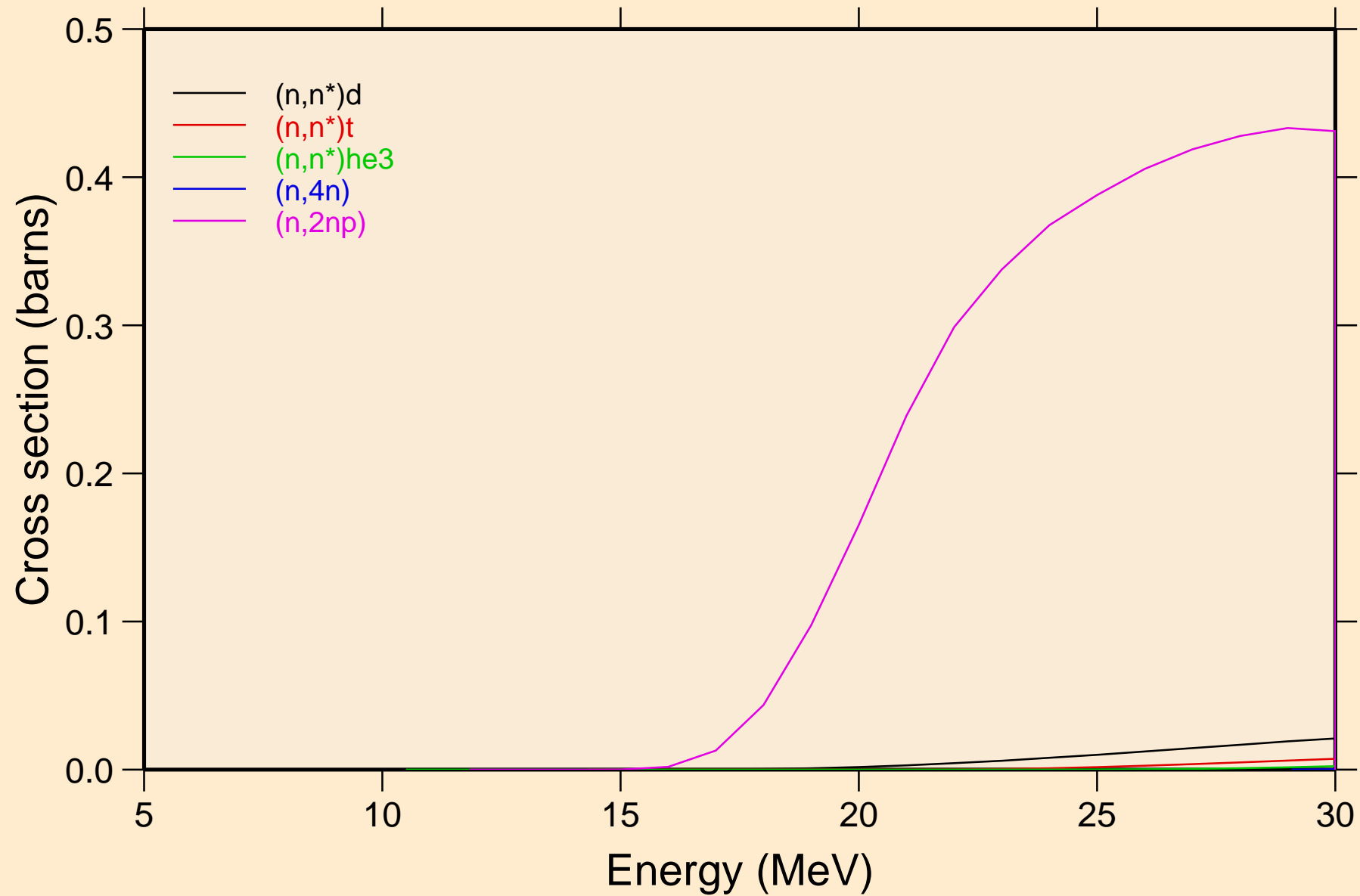
# CS124 NRG TENDL-2015, AKONING

## Threshold reactions



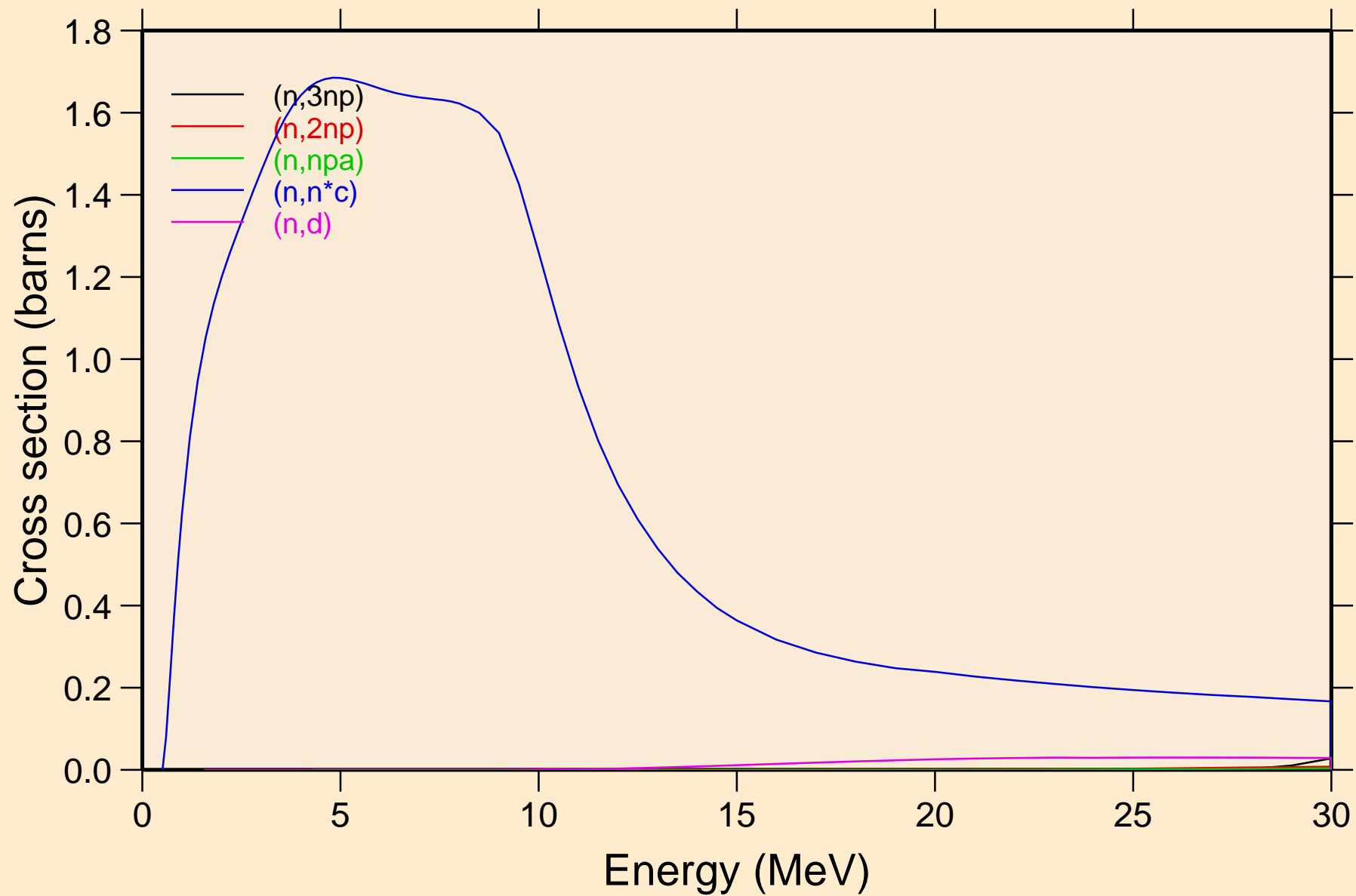
# CS124 NRG TENDL-2015, AKONING

## Threshold reactions



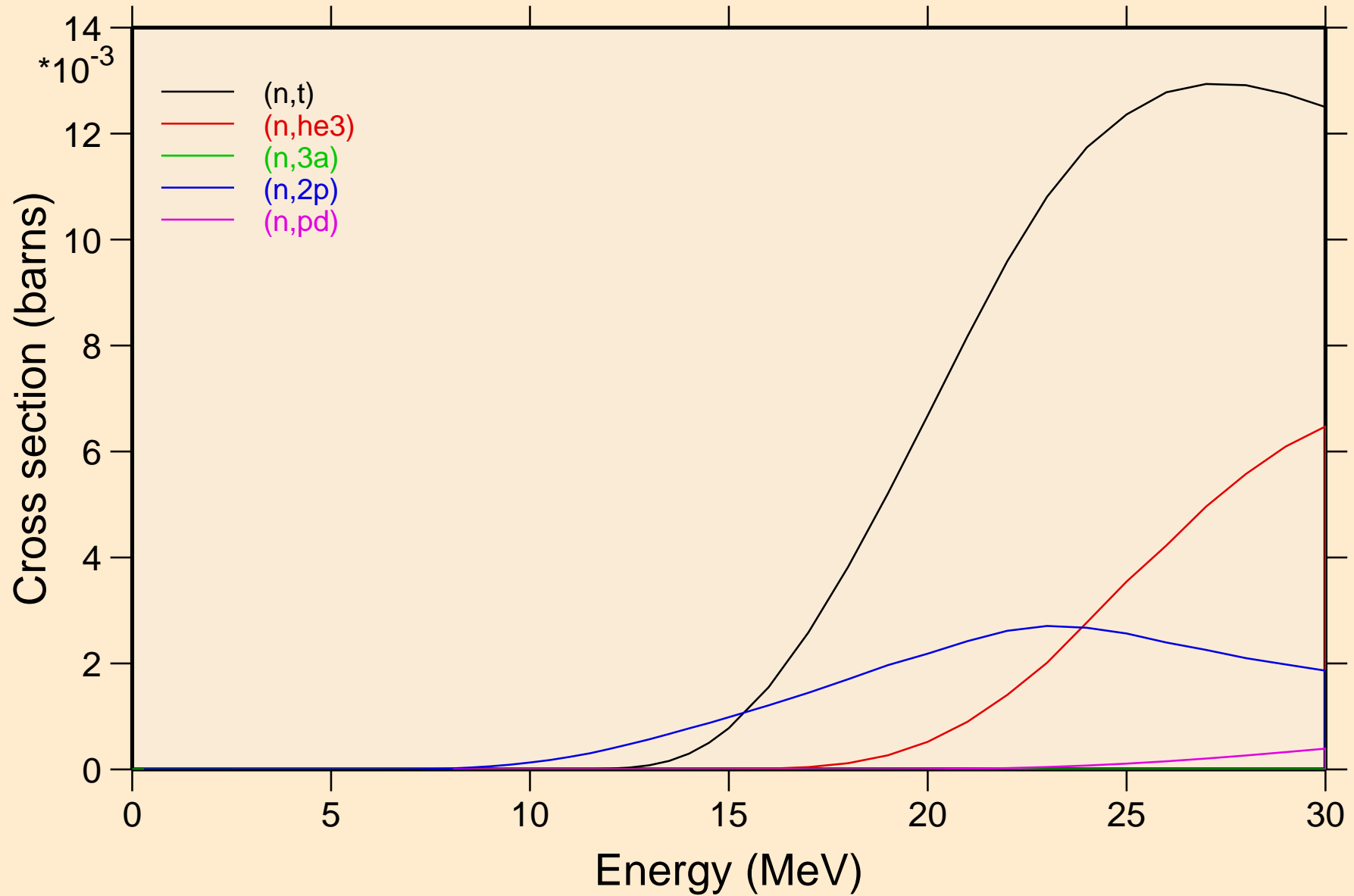
# CS124 NRG TENDL-2015, AKONING

## Threshold reactions



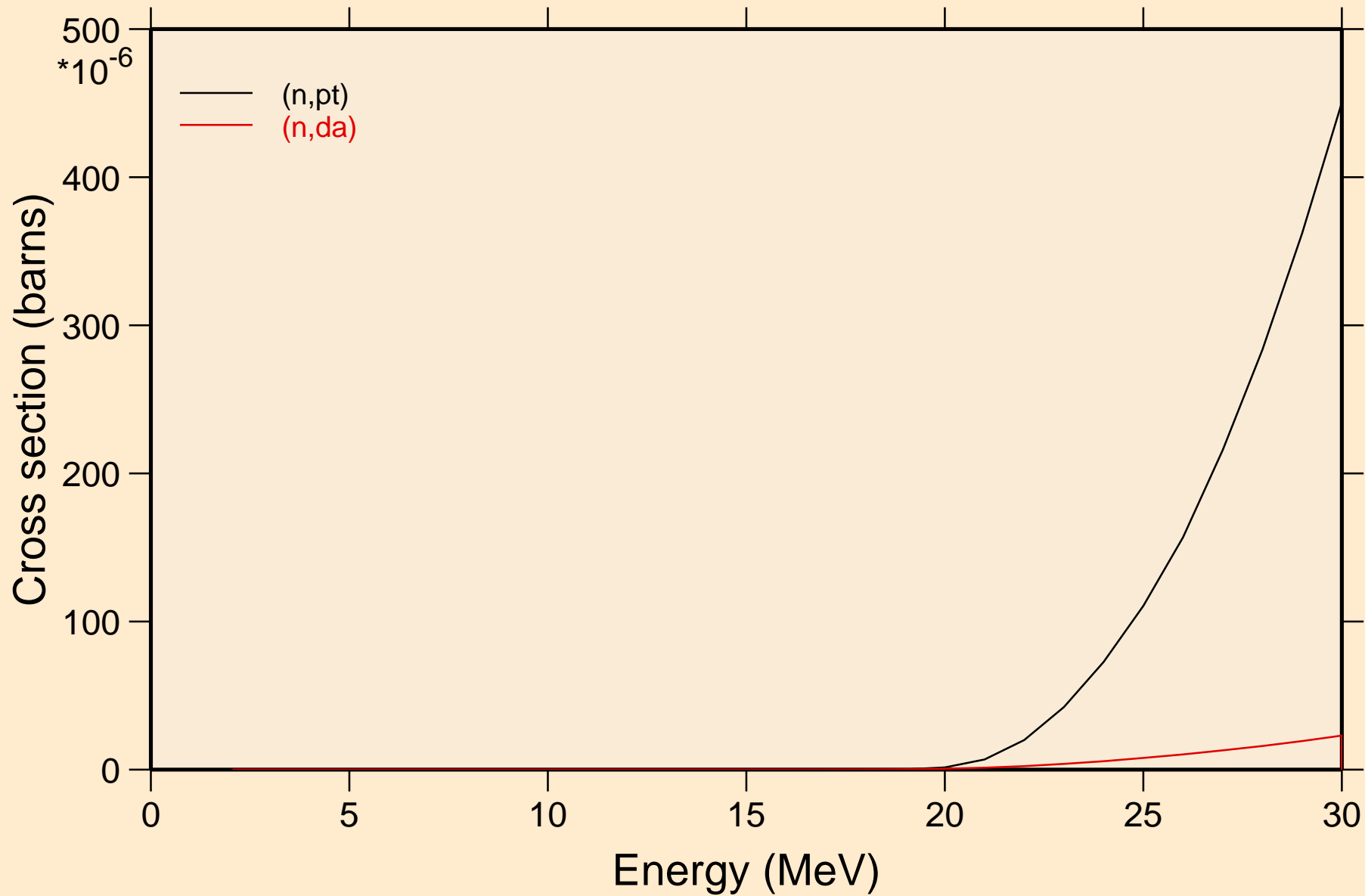
# CS124 NRG TENDL-2015, AKONING

## Threshold reactions



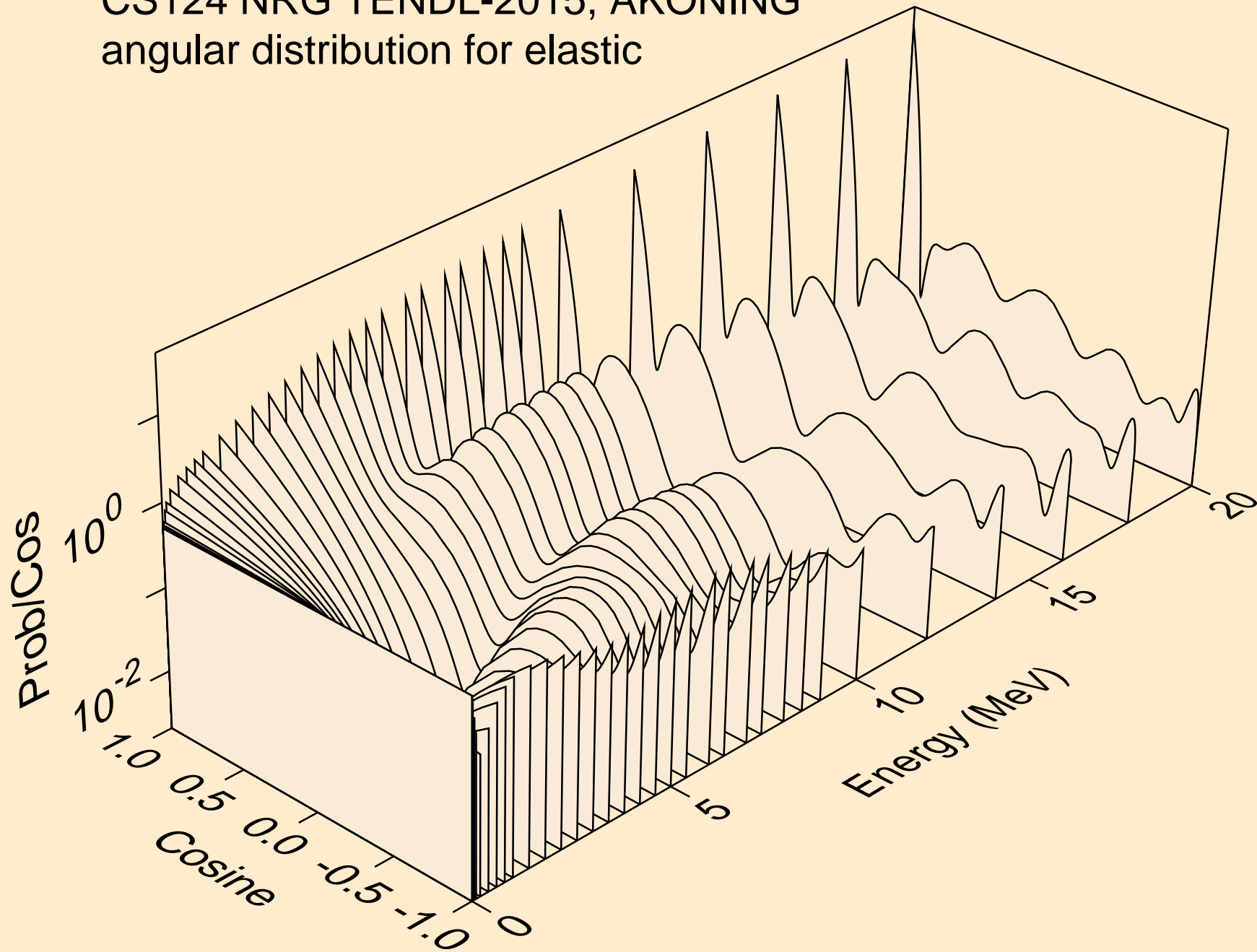
# CS124 NRG TENDL-2015, AKONING

## Threshold reactions

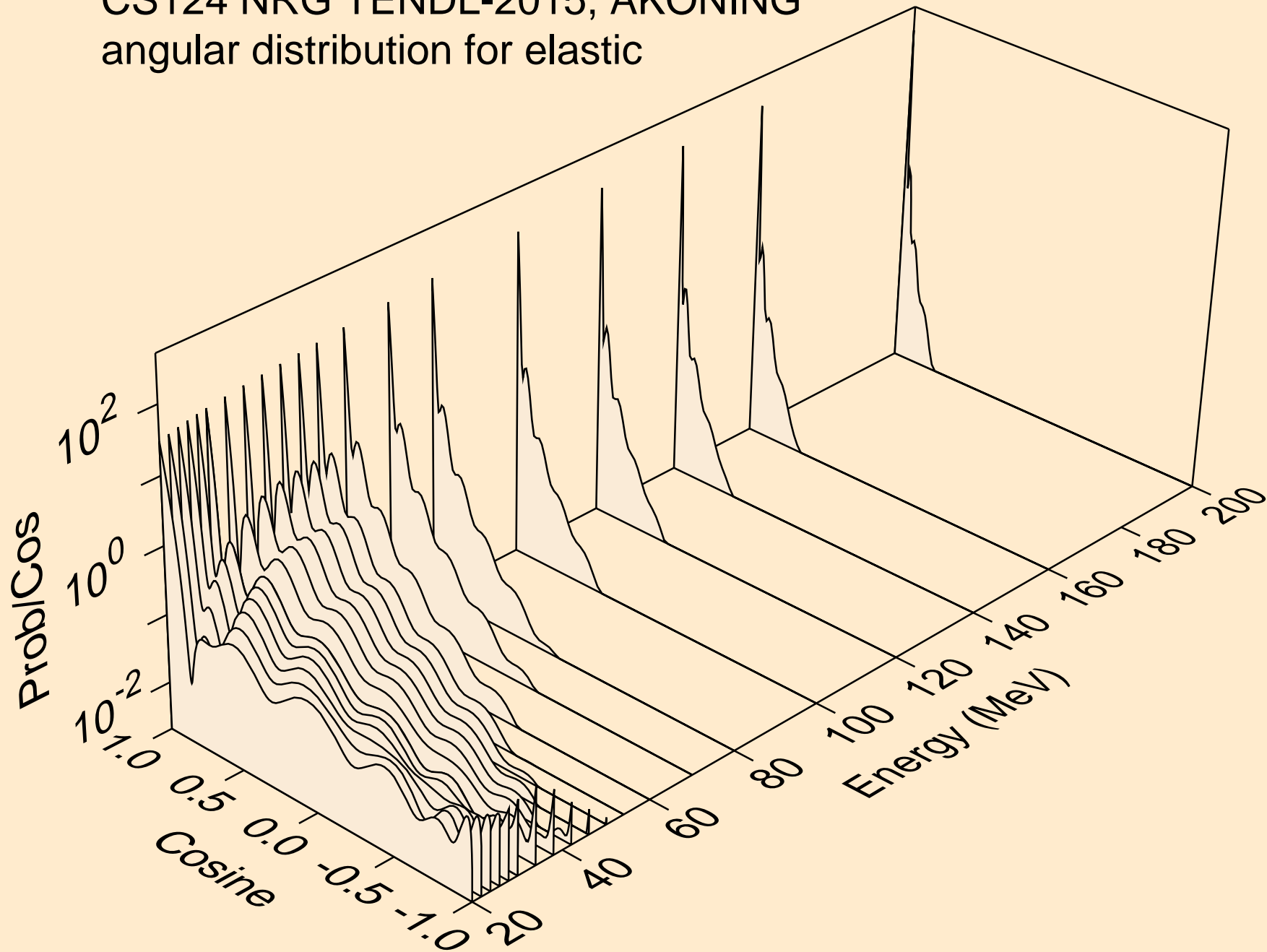




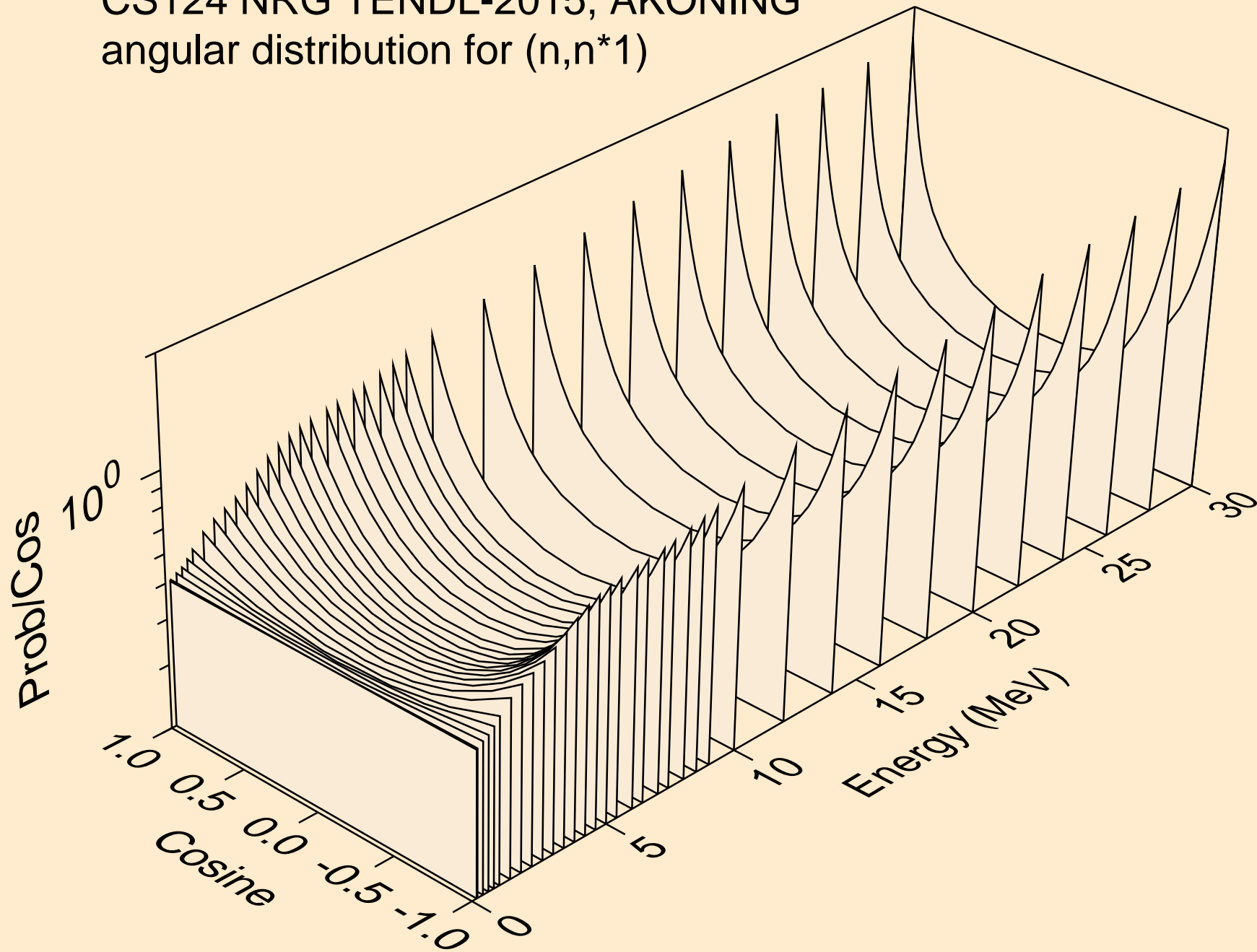
CS124 NRG TENDL-2015, AKONING  
angular distribution for elastic



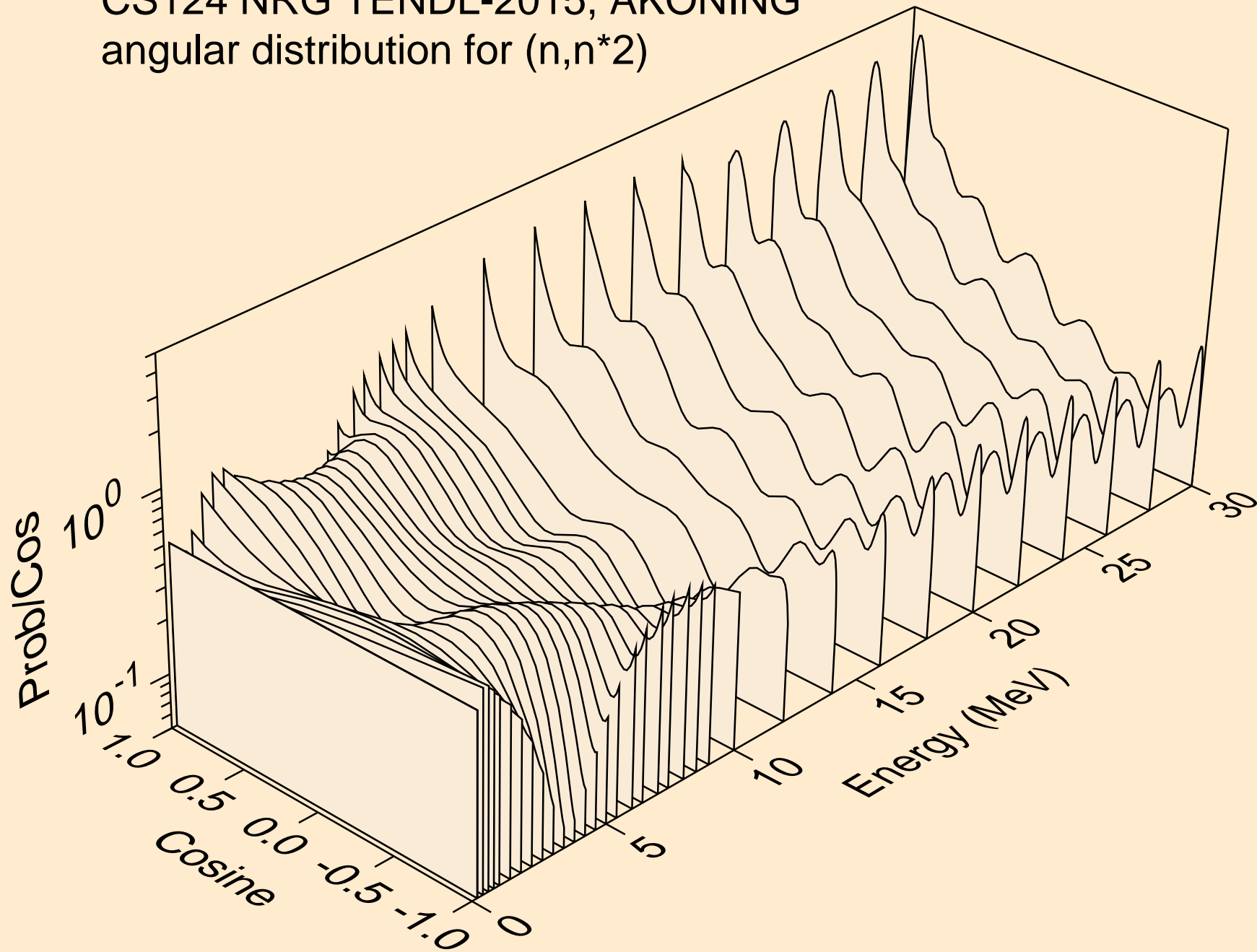
CS124 NRG TENDL-2015, AKONING  
angular distribution for elastic



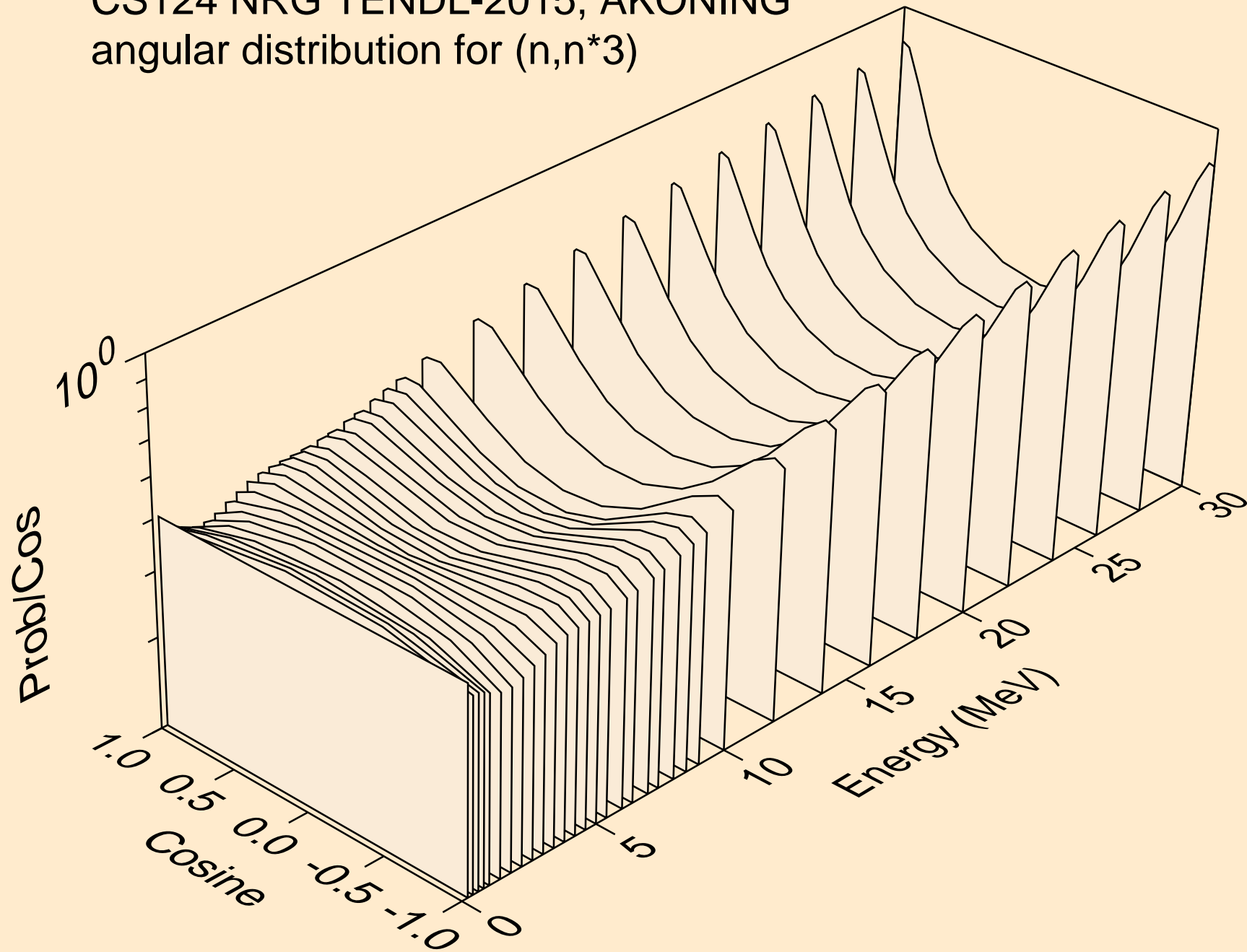
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



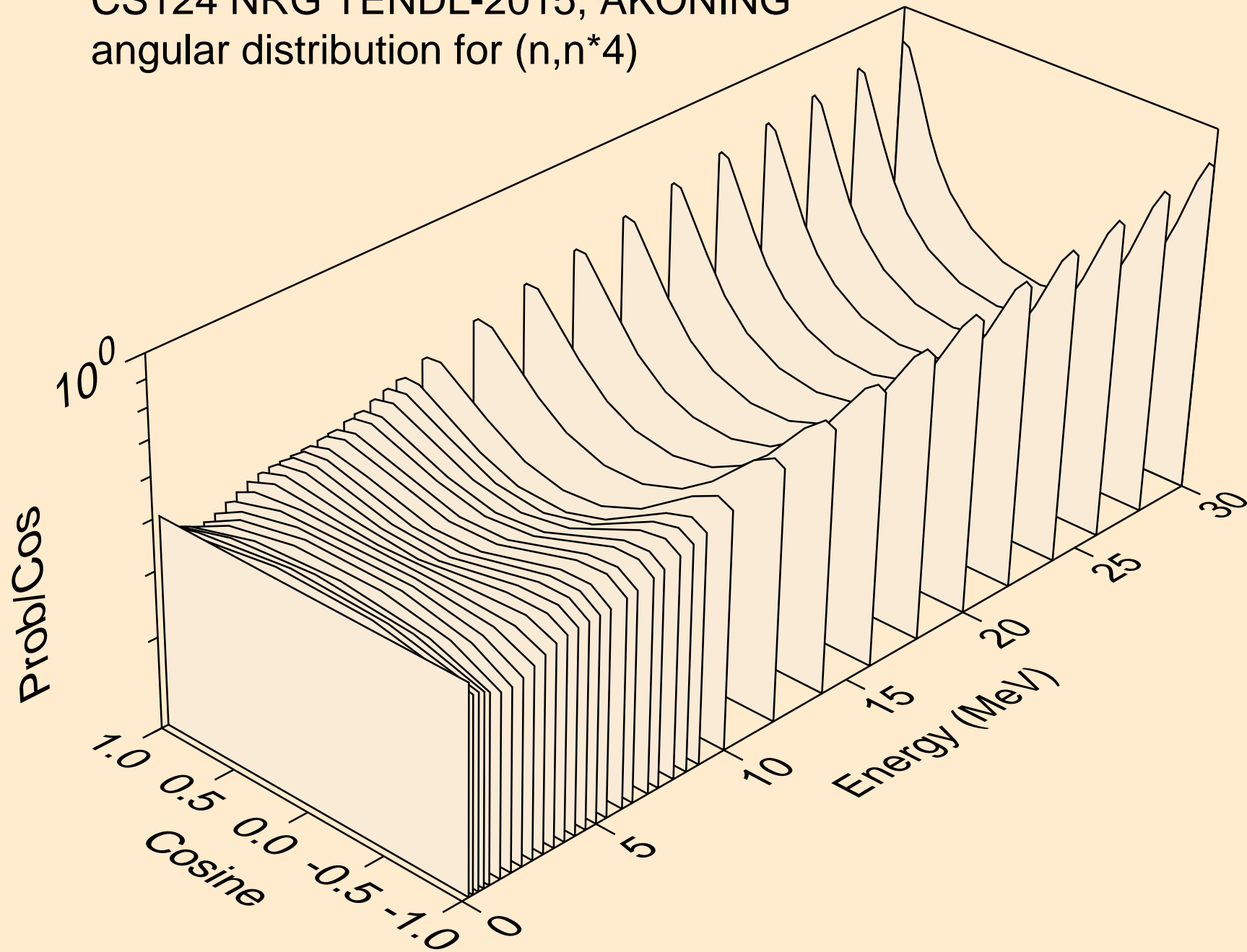
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



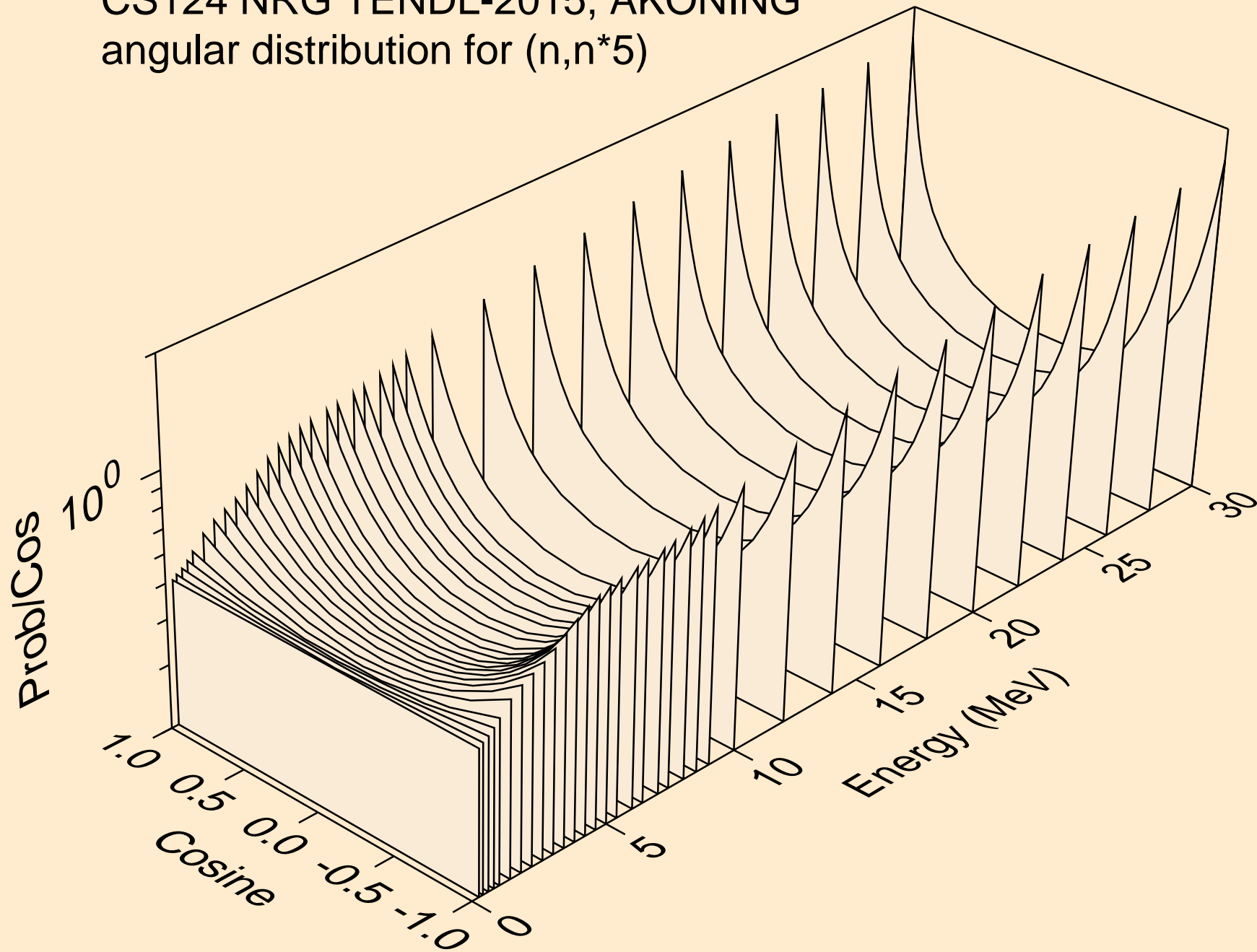
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



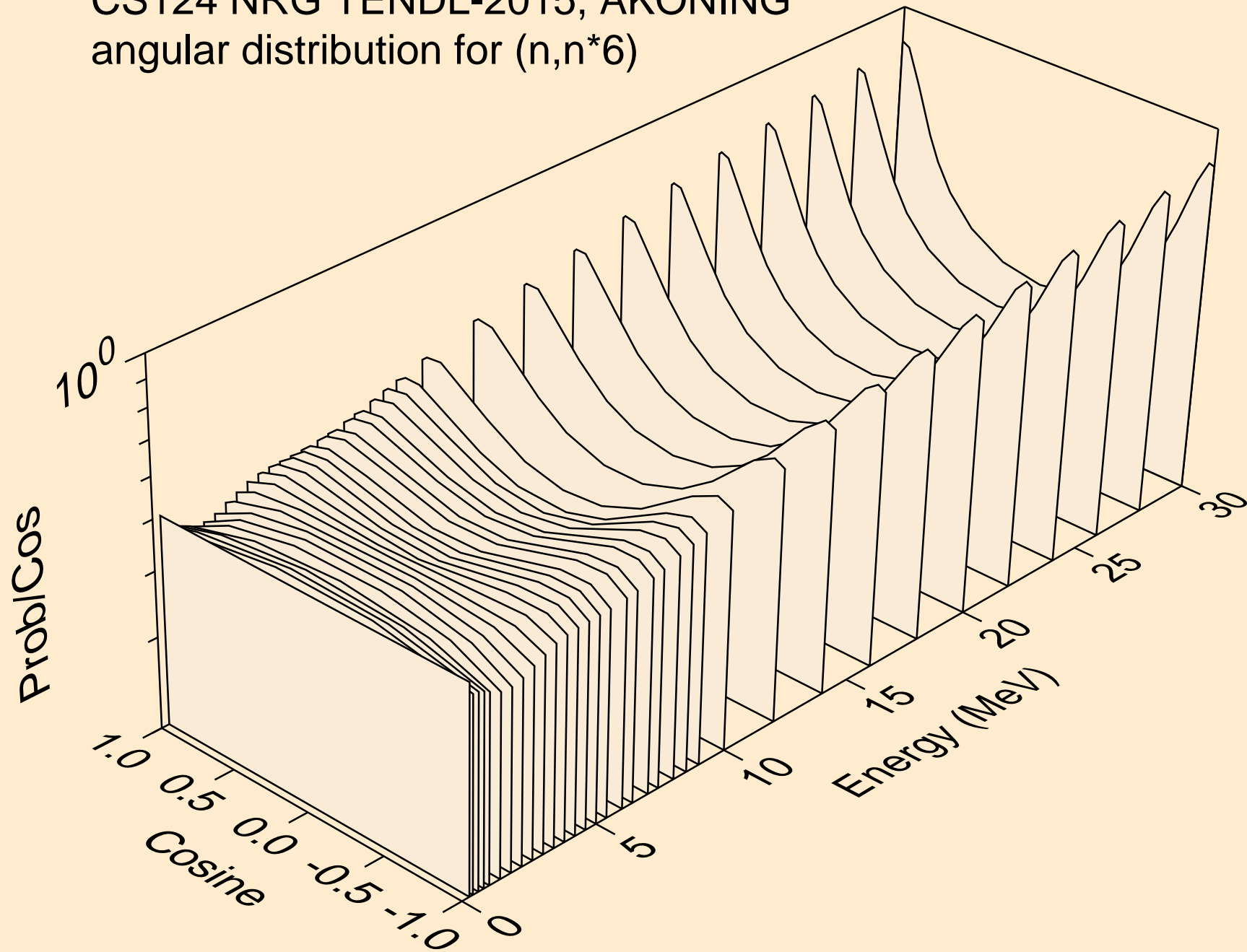
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

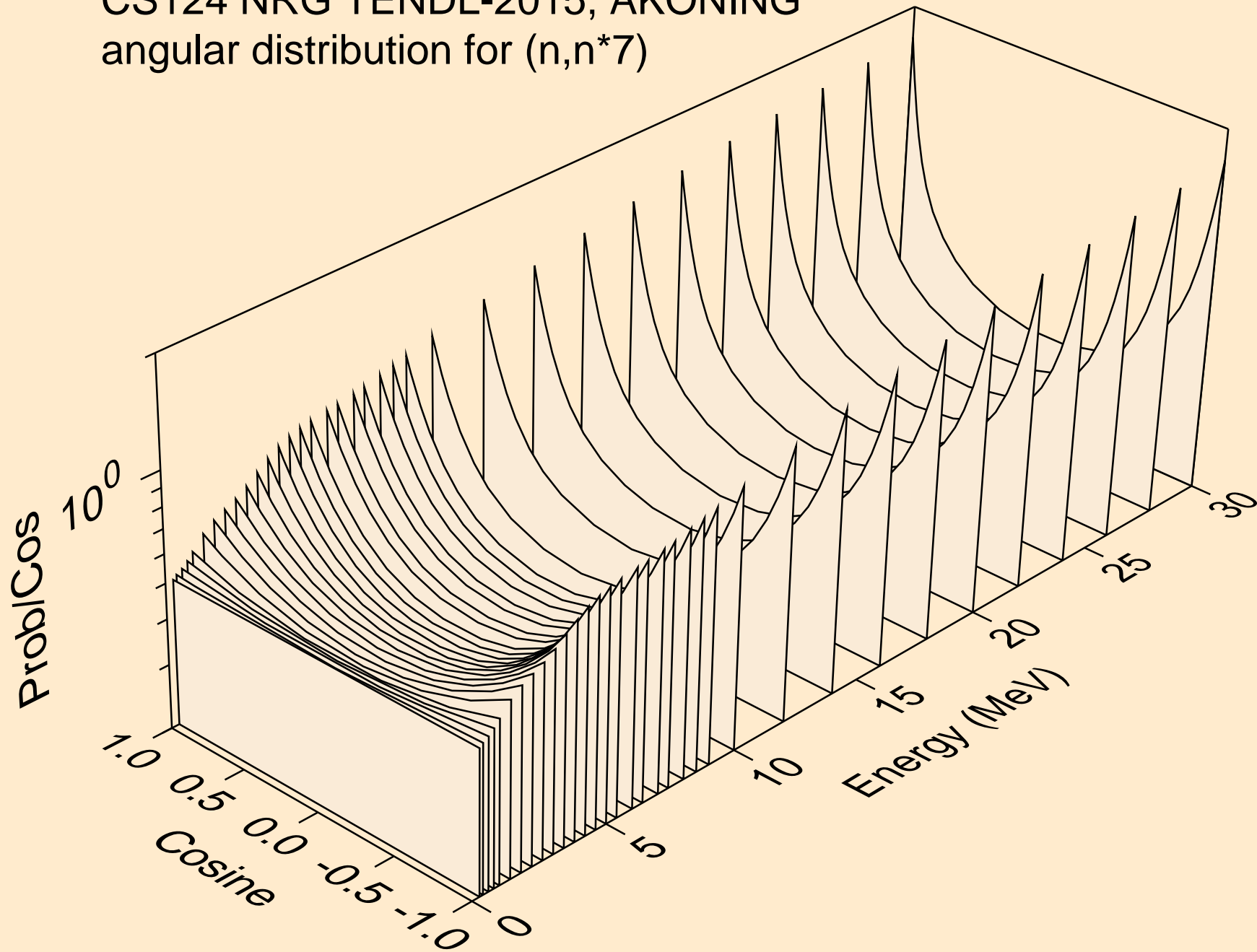


CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

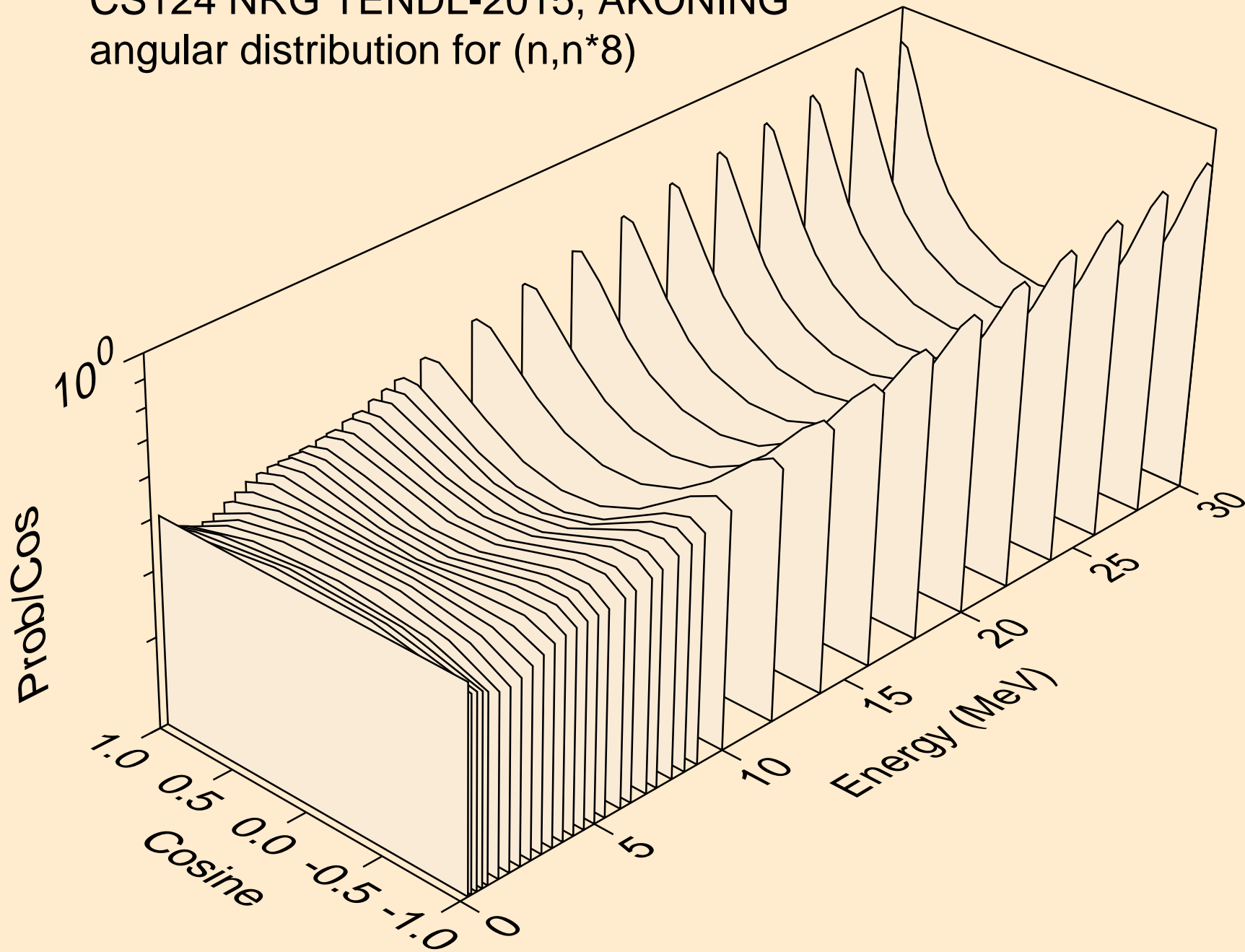




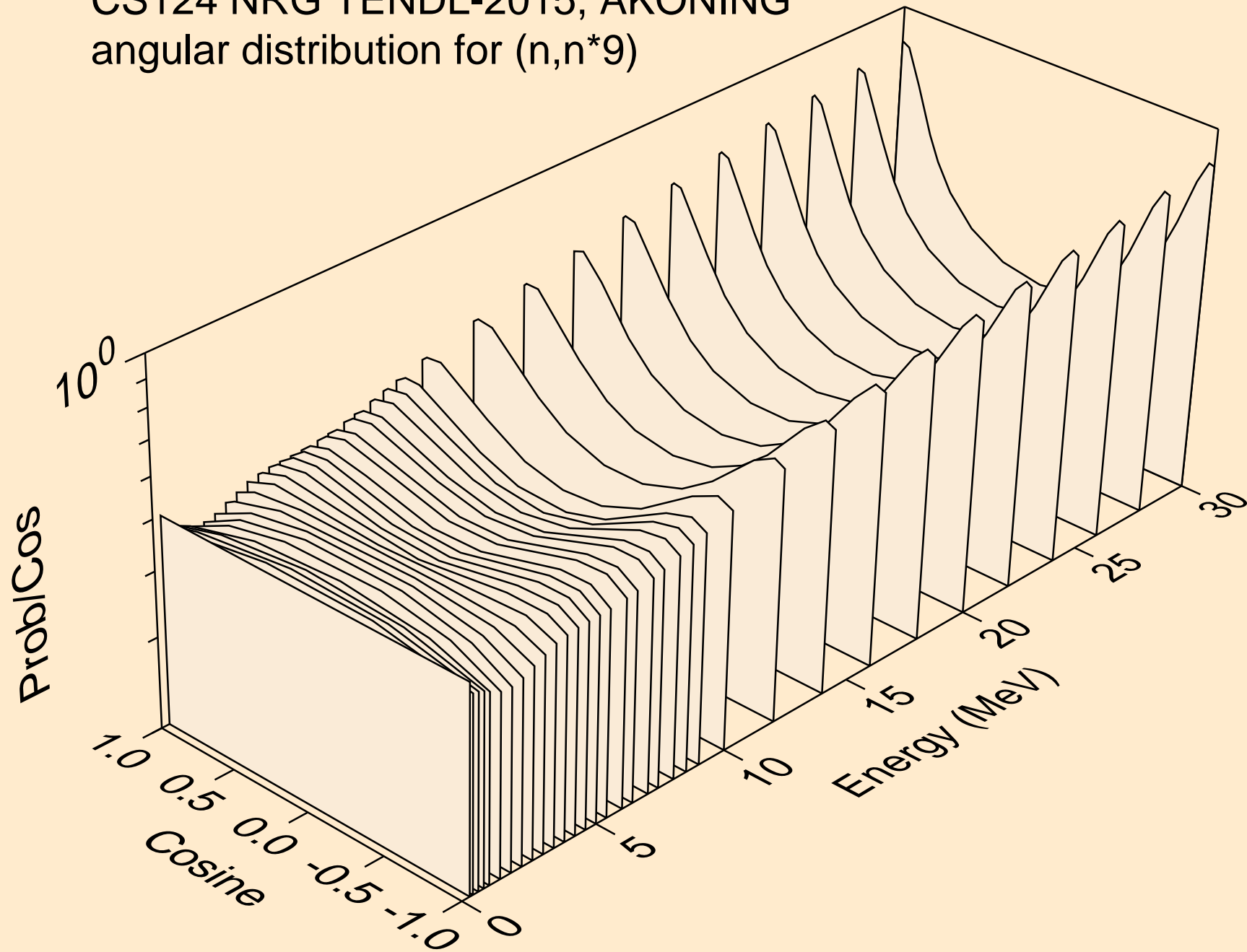
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



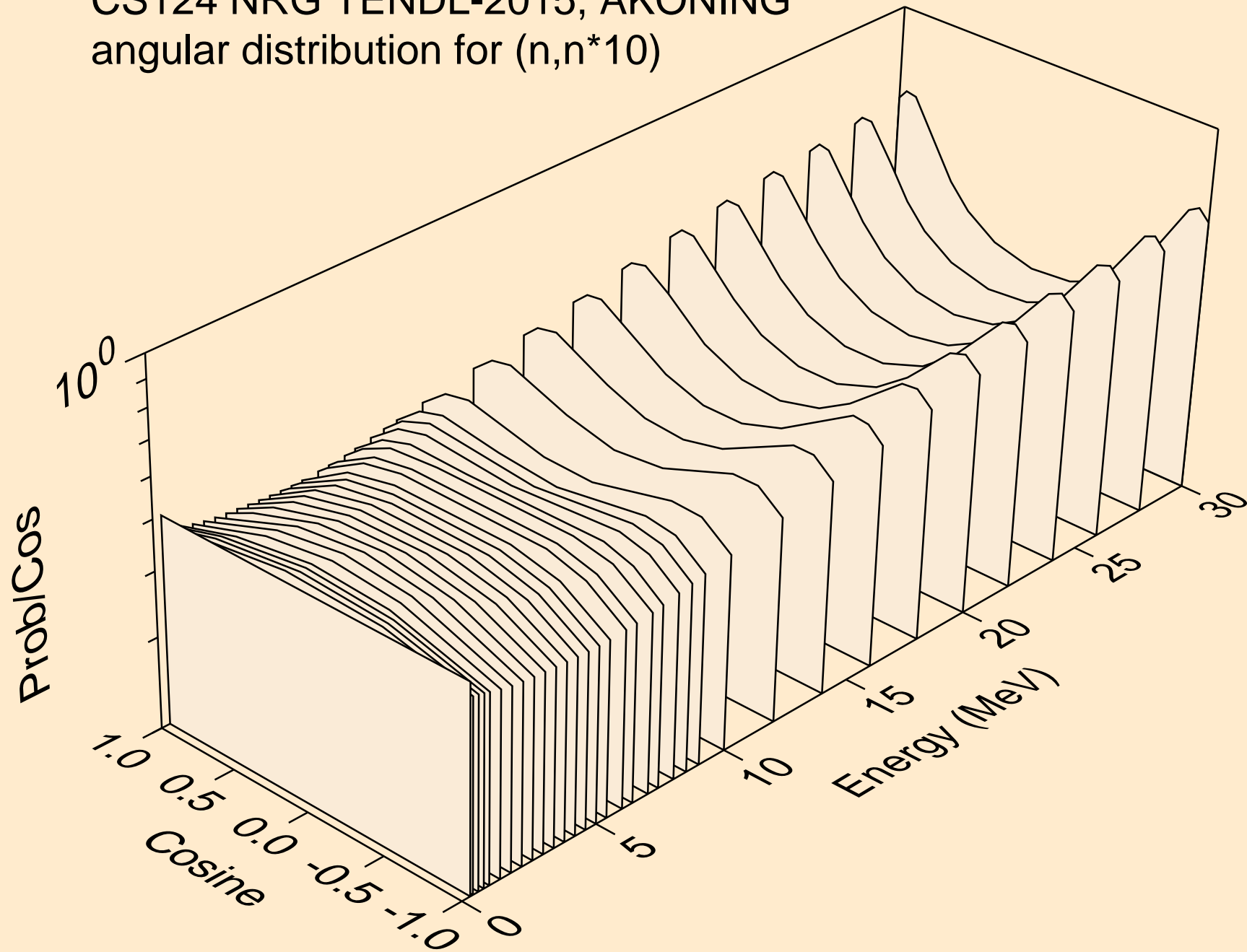
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



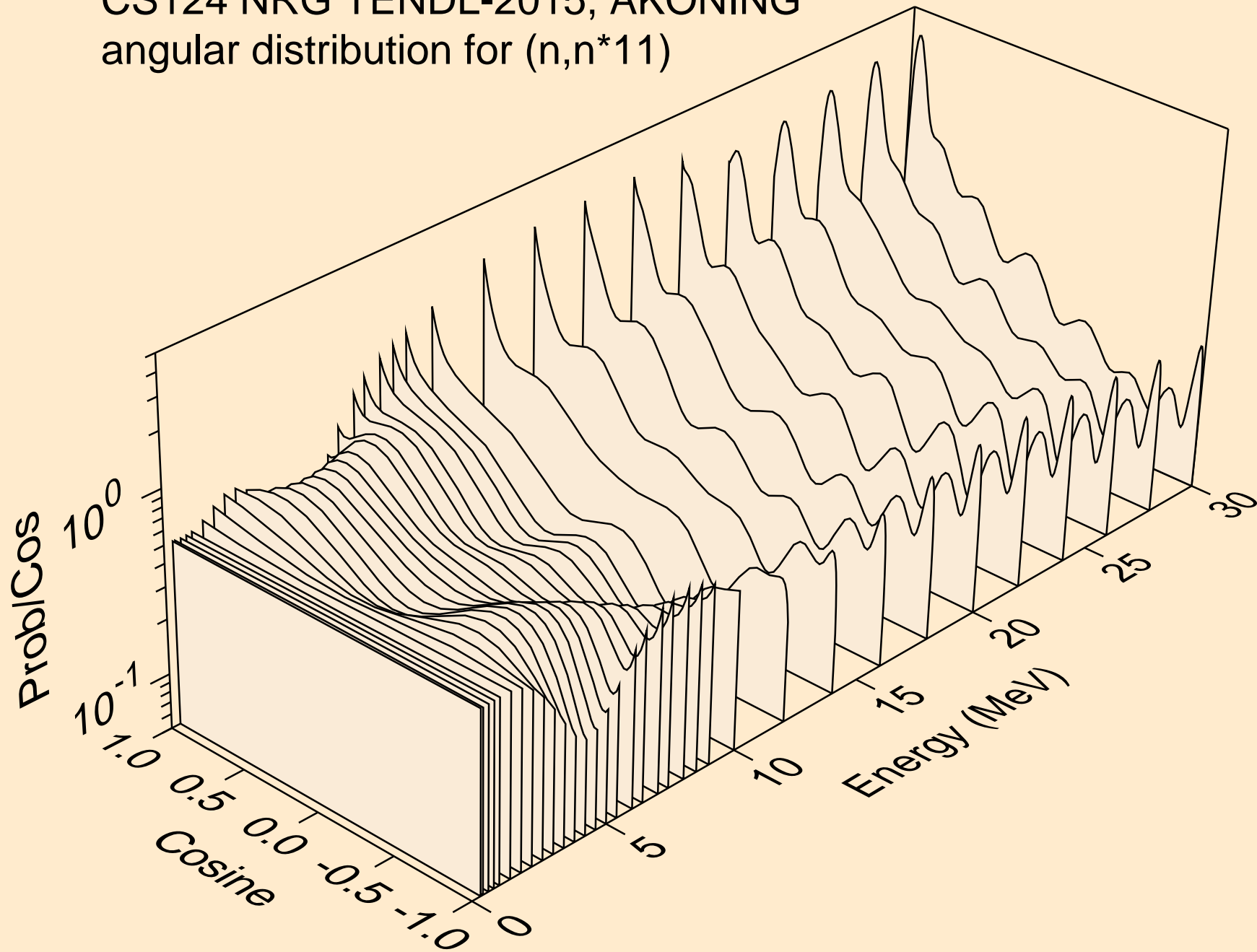
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



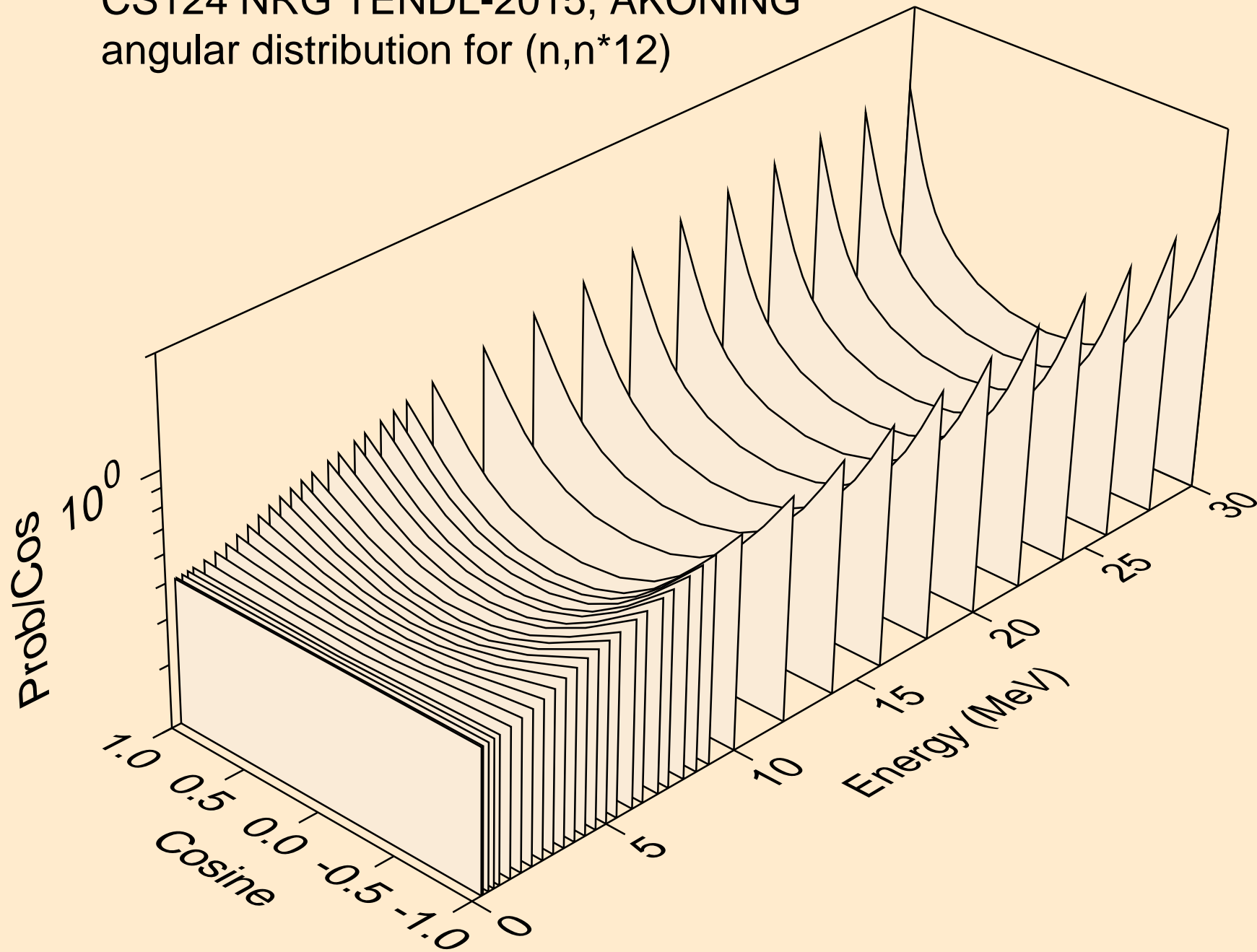
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



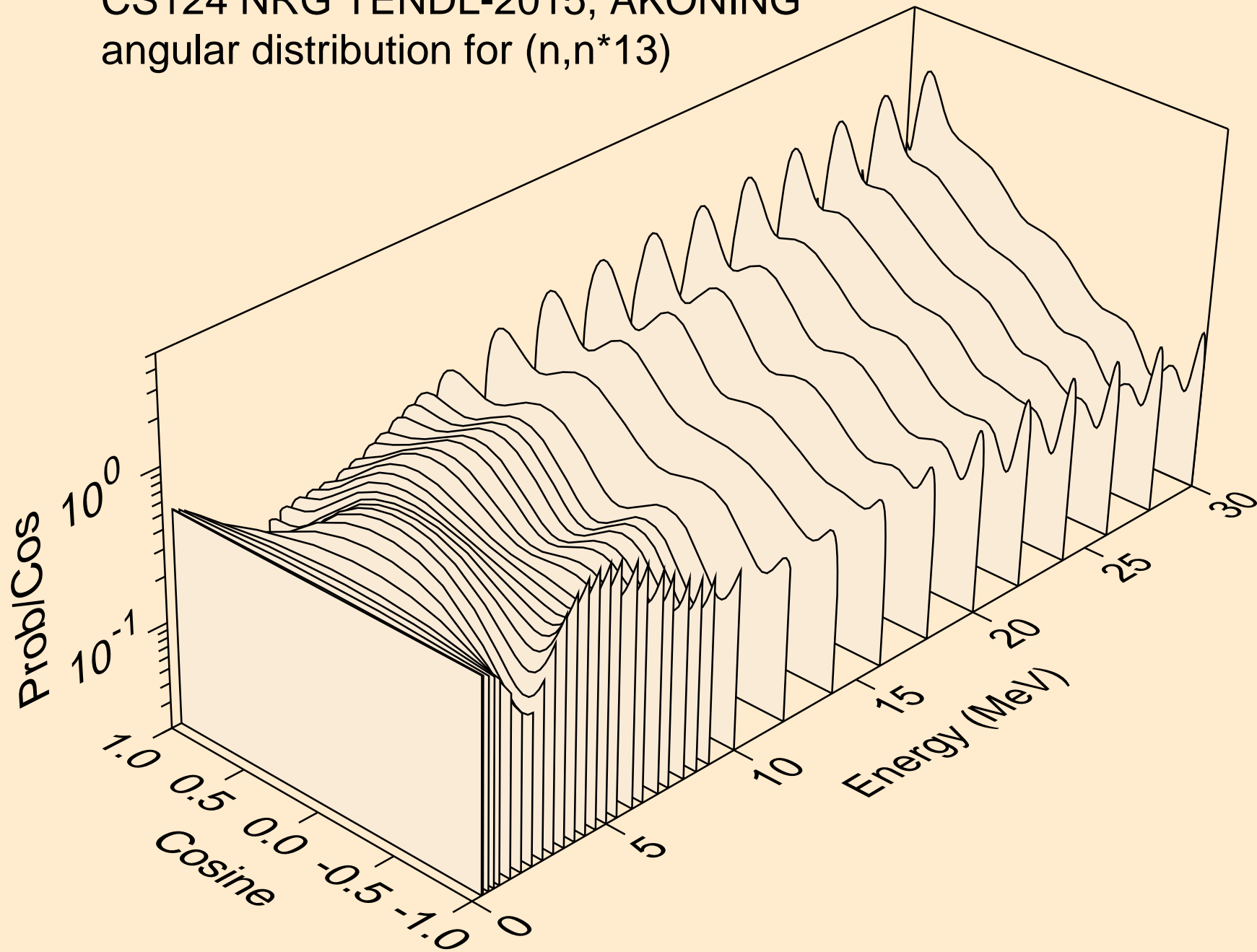
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



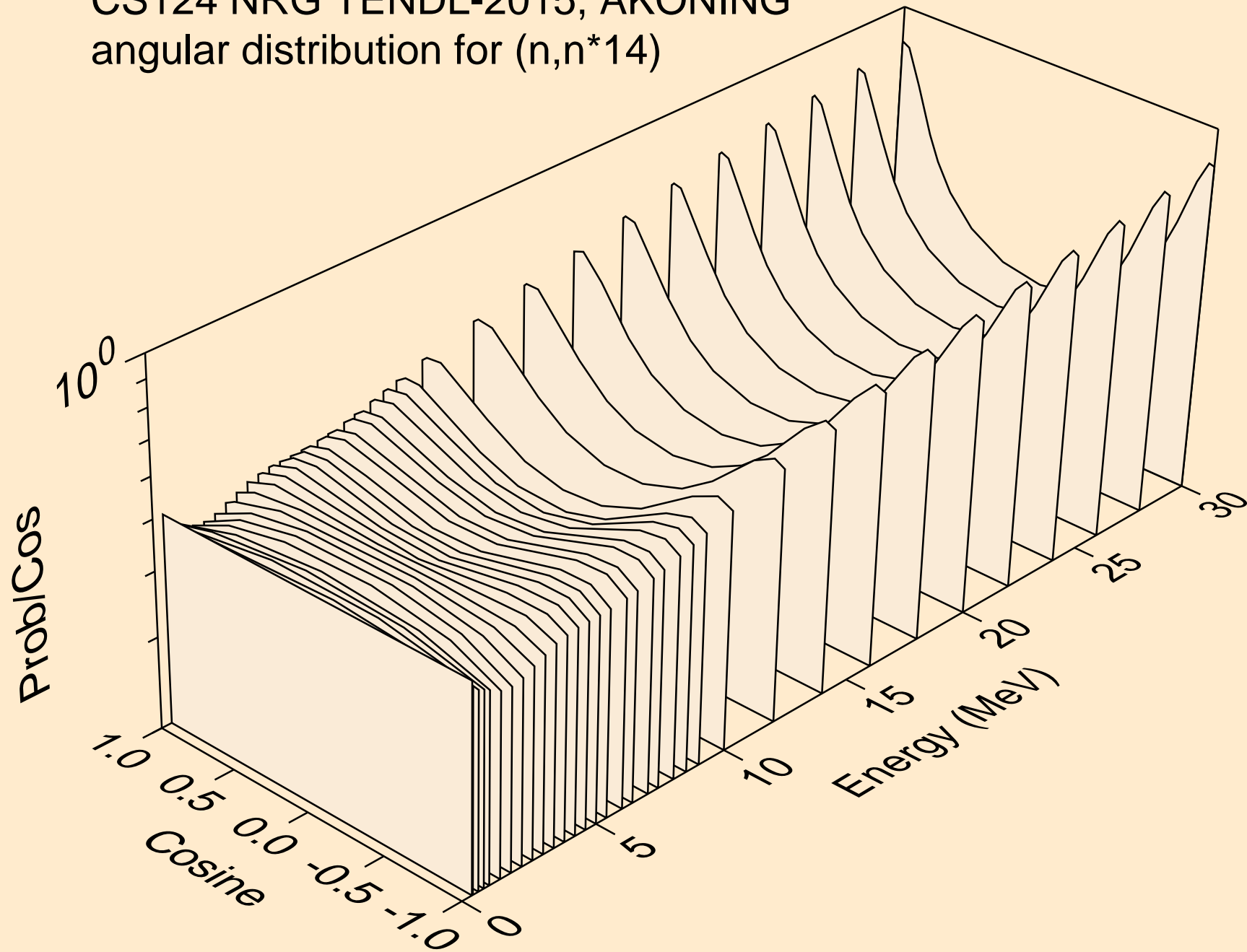
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

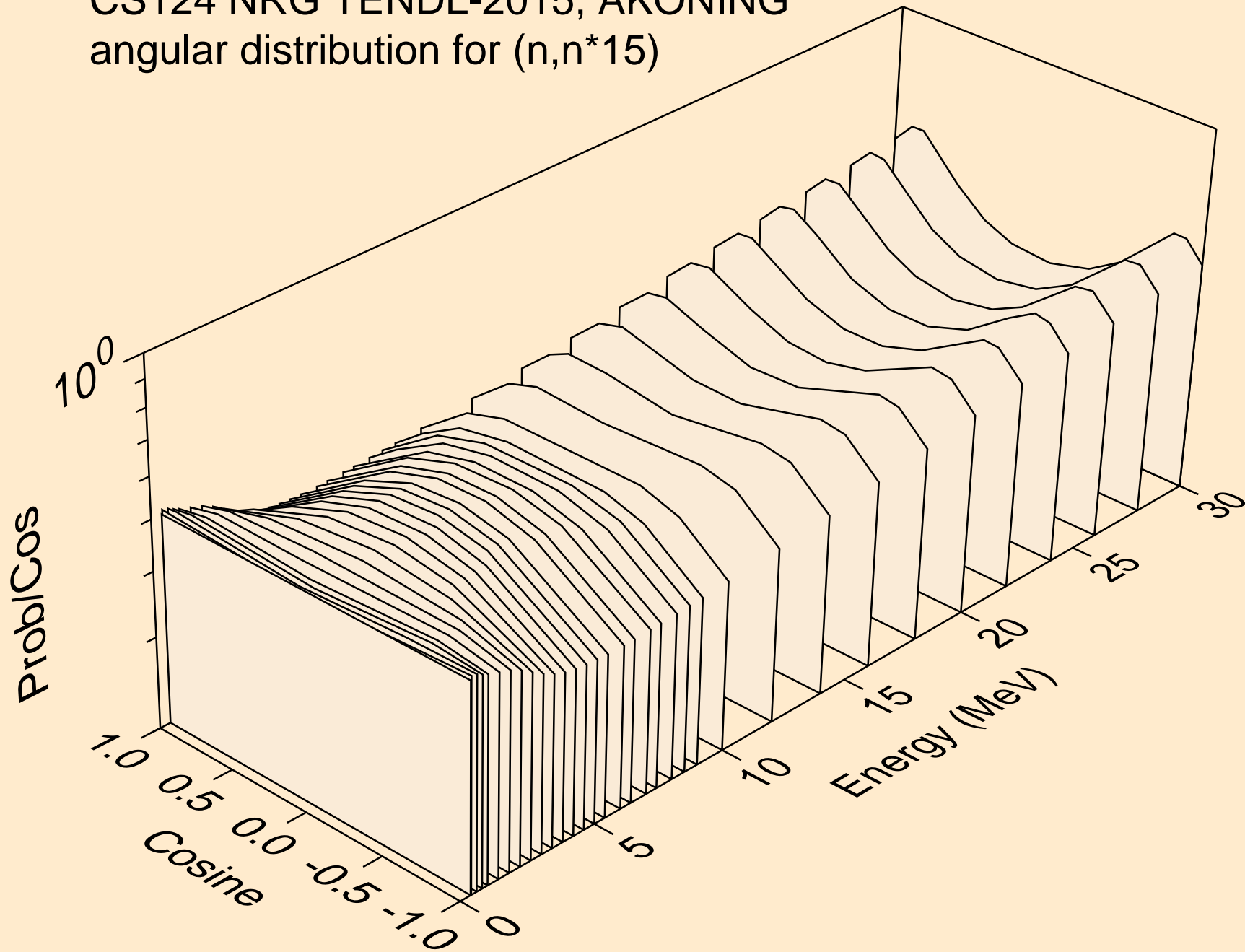


CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

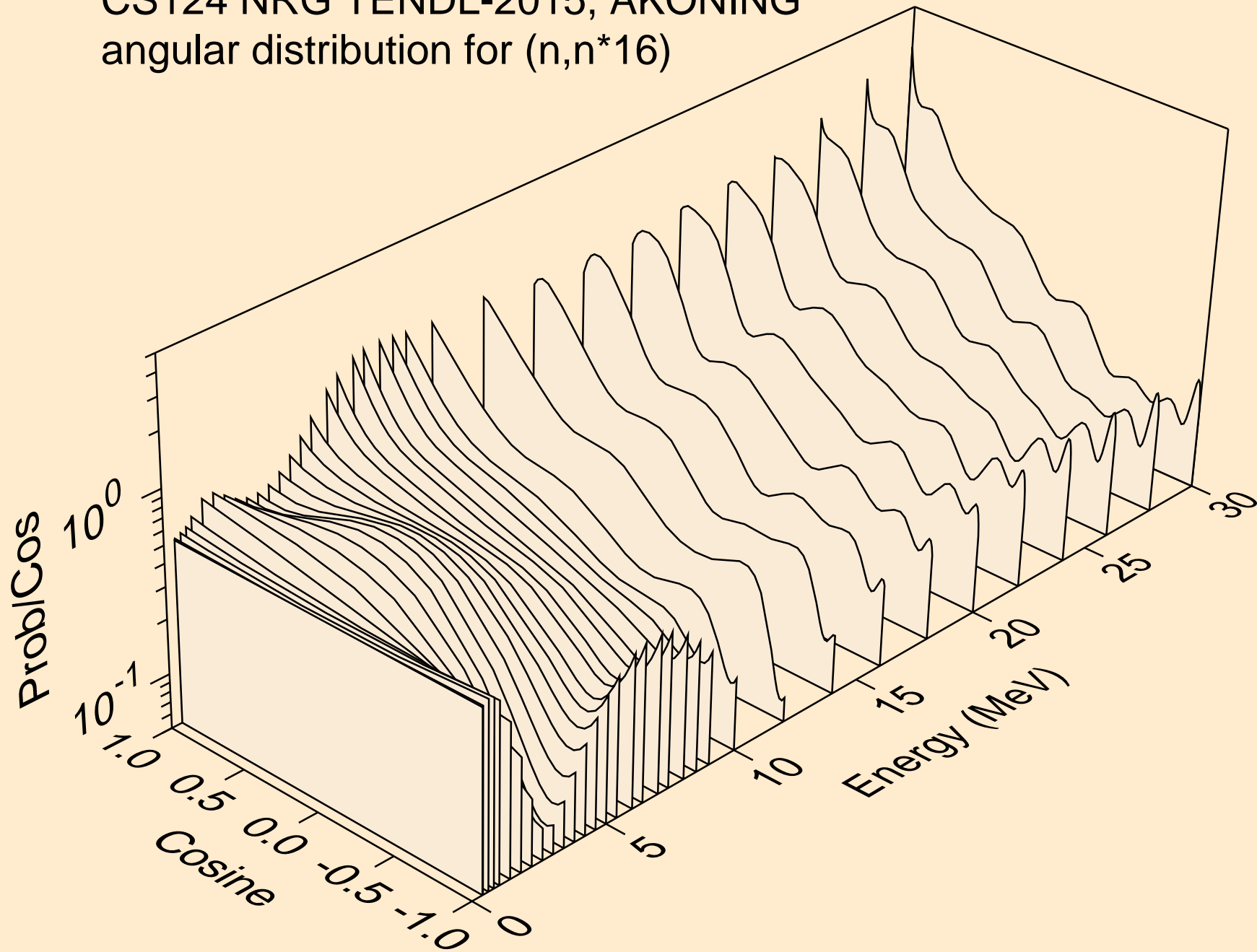




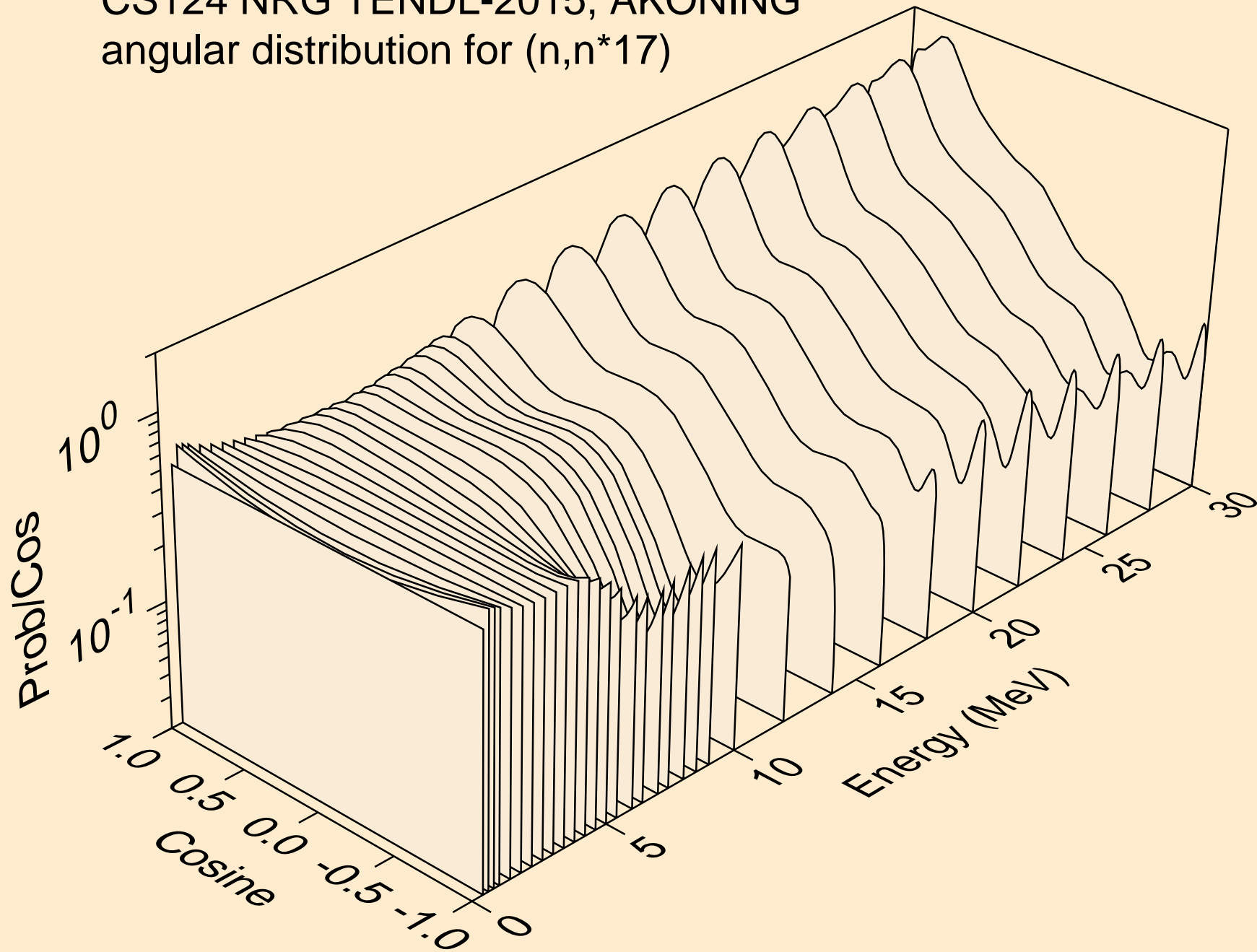
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



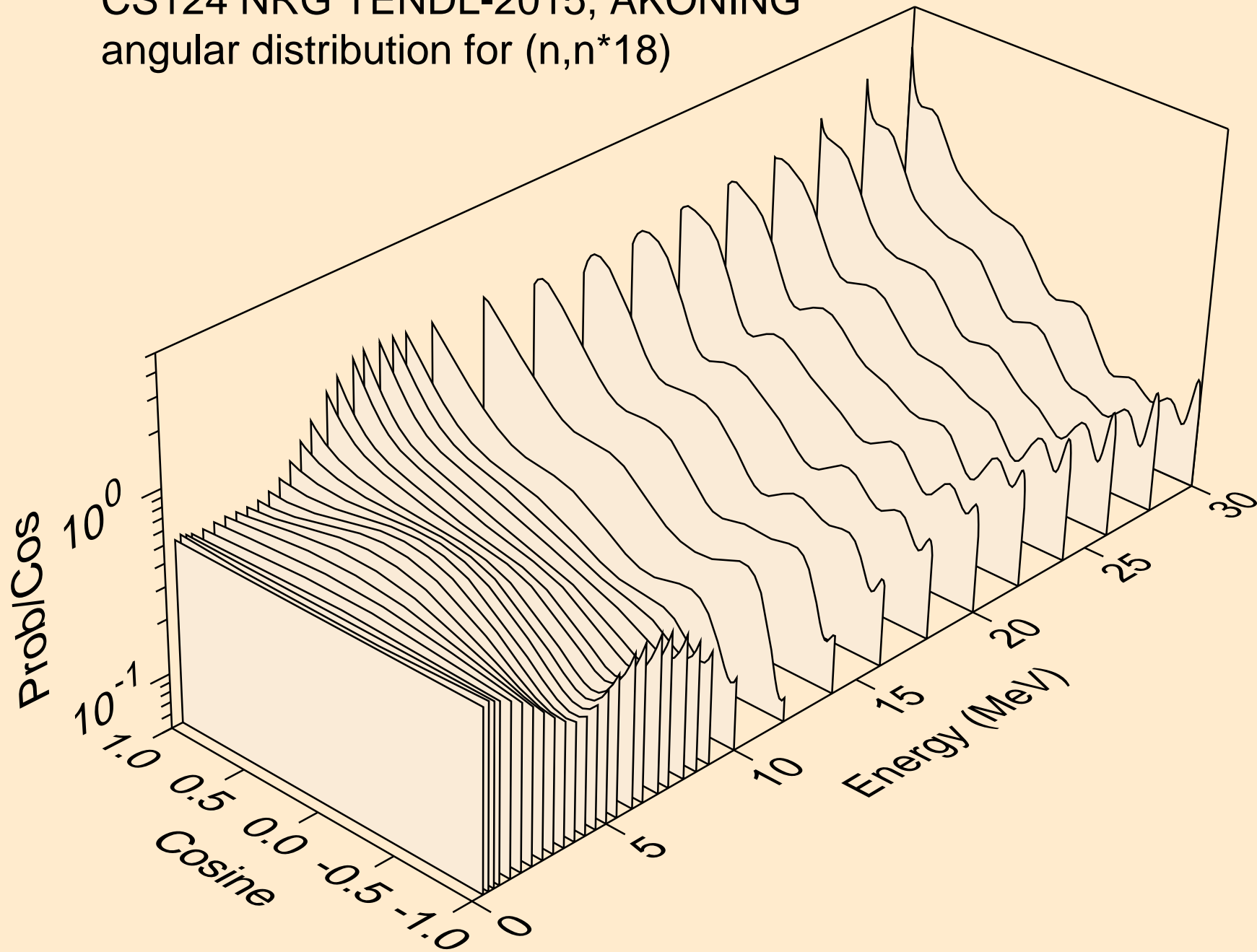
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



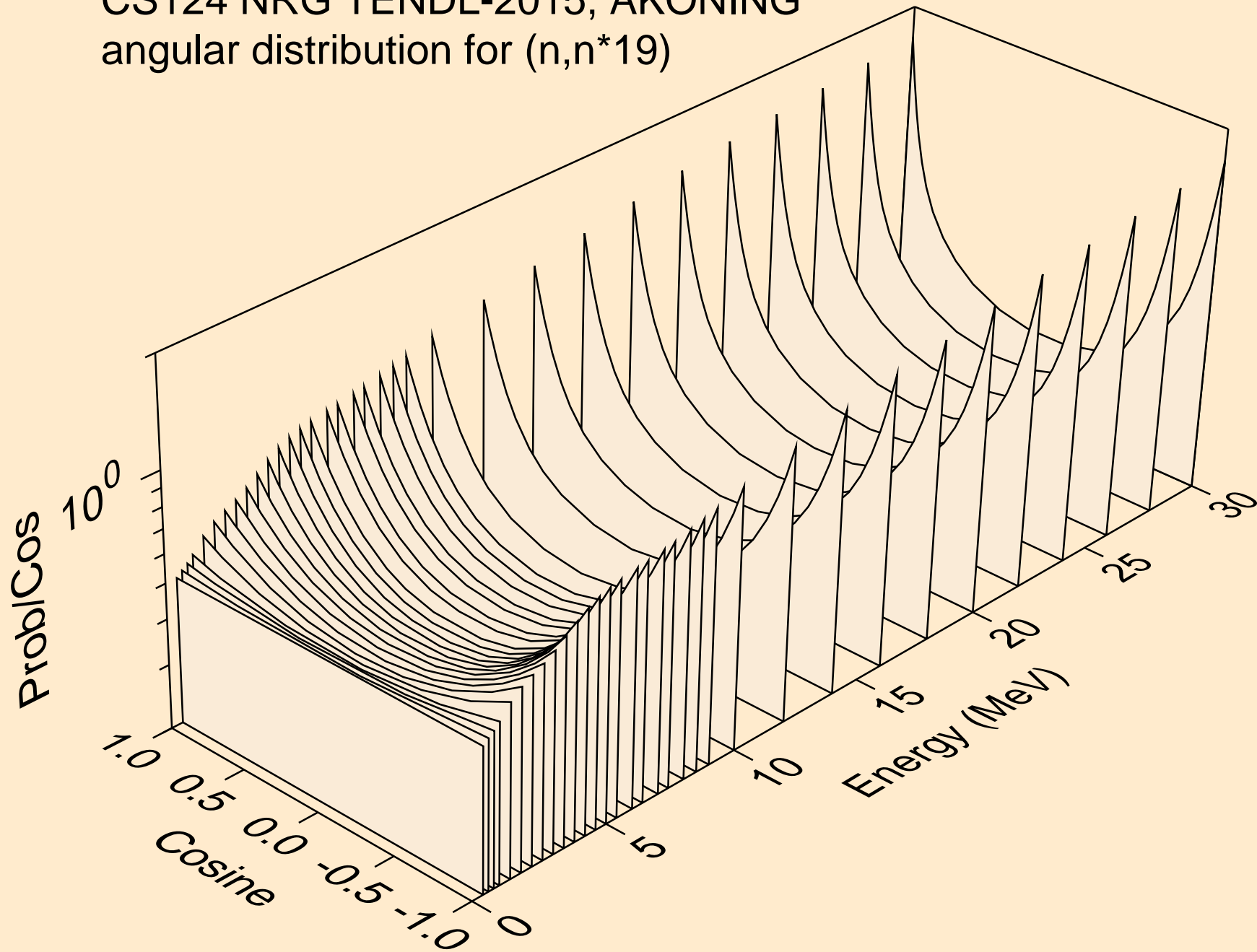
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



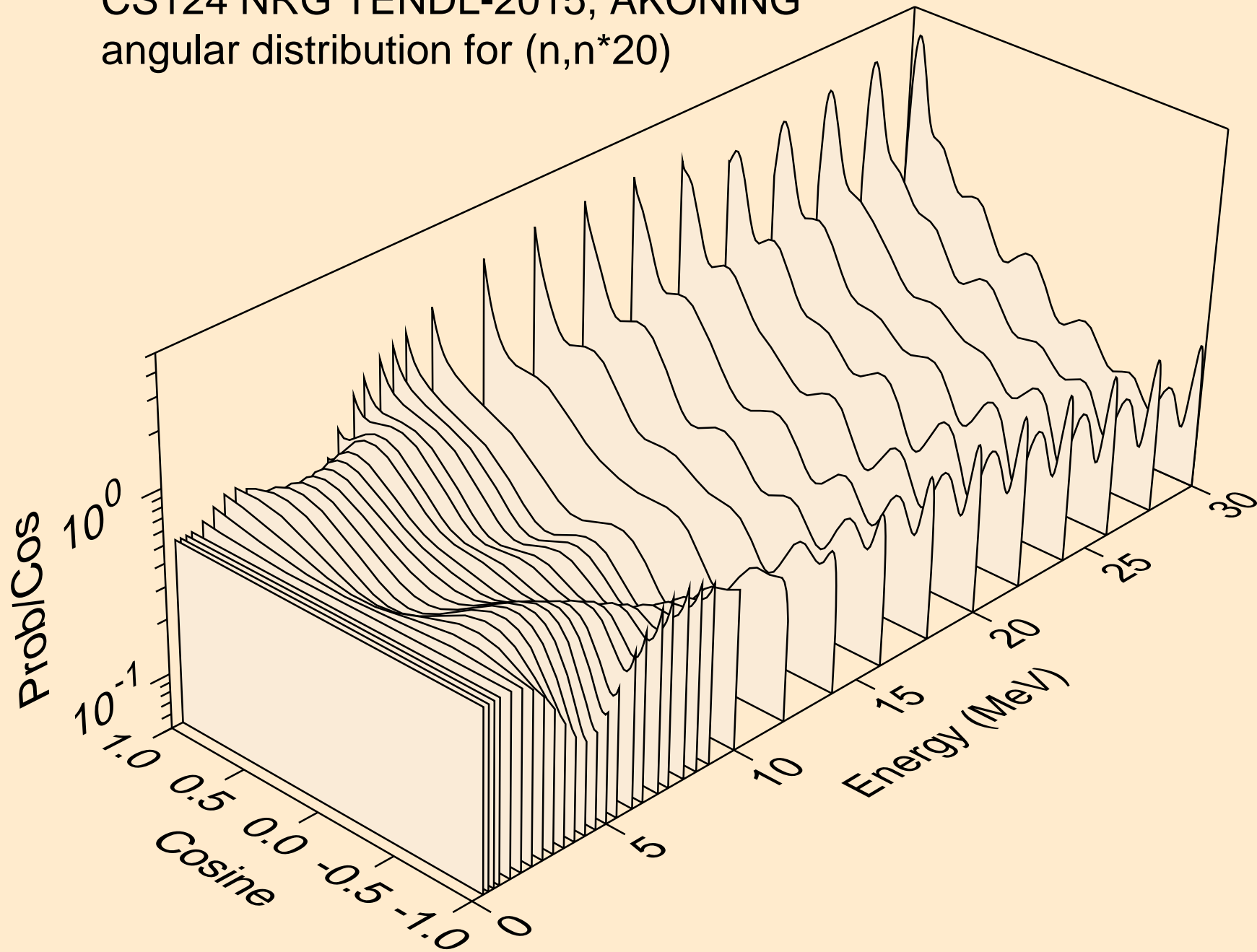
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



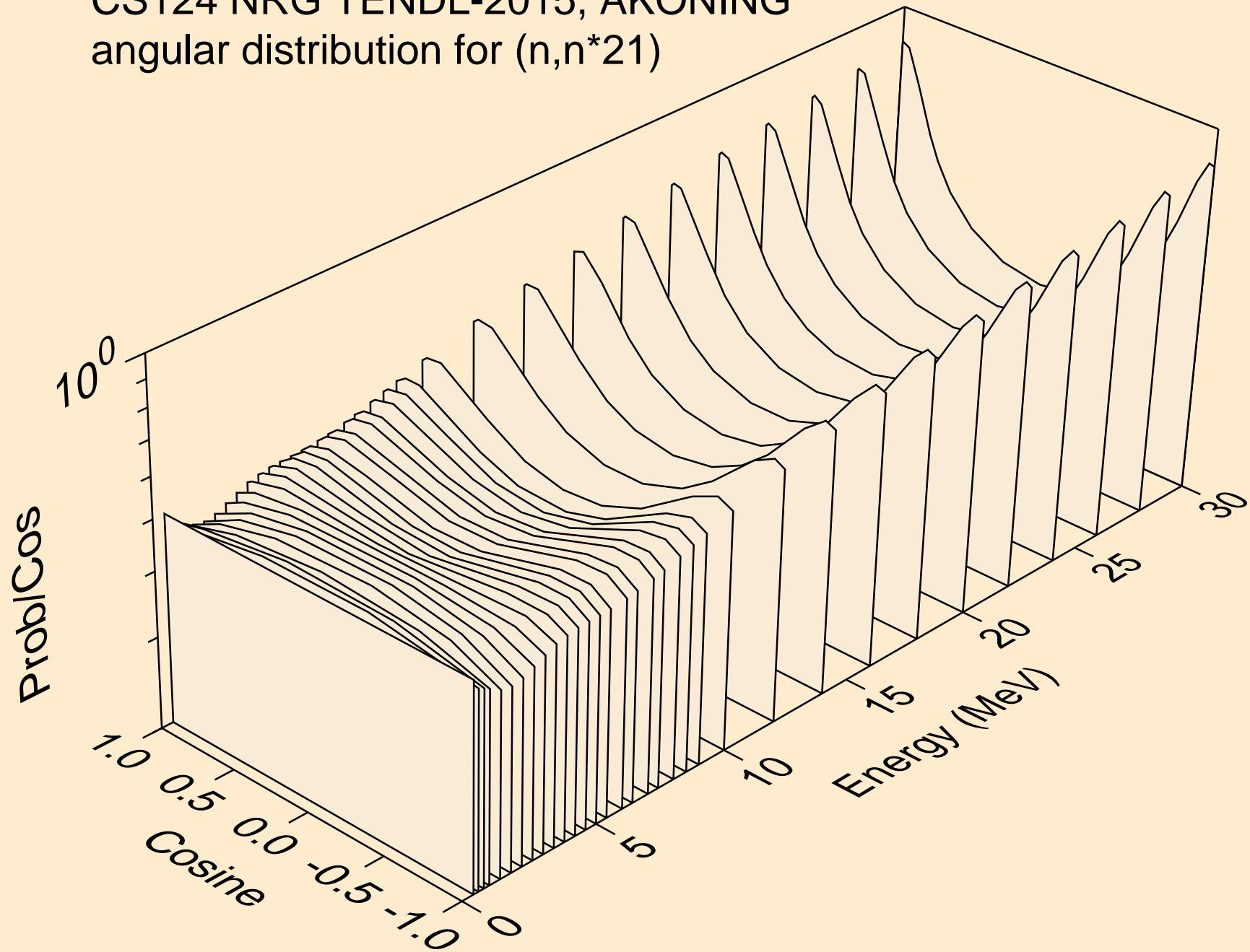
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



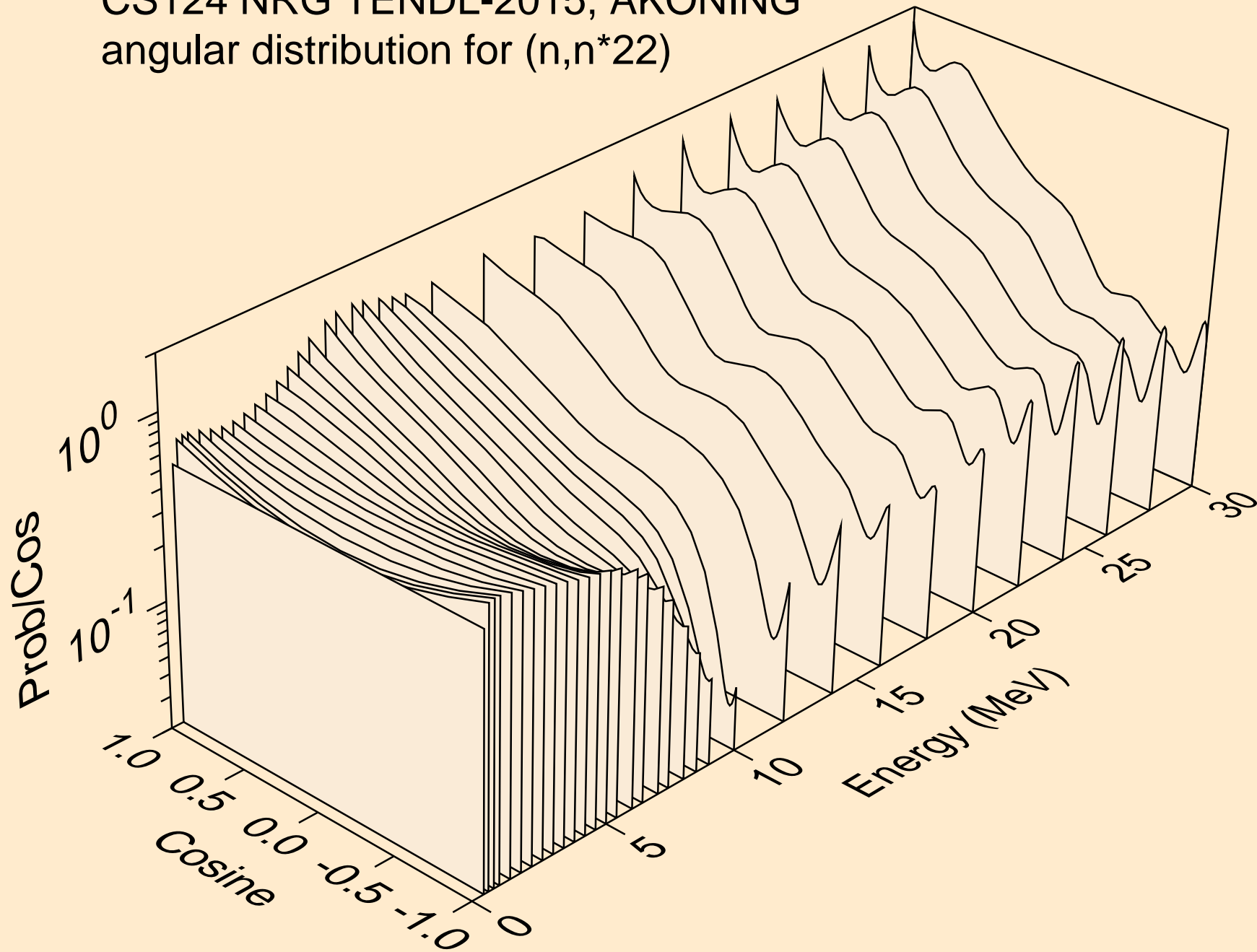
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

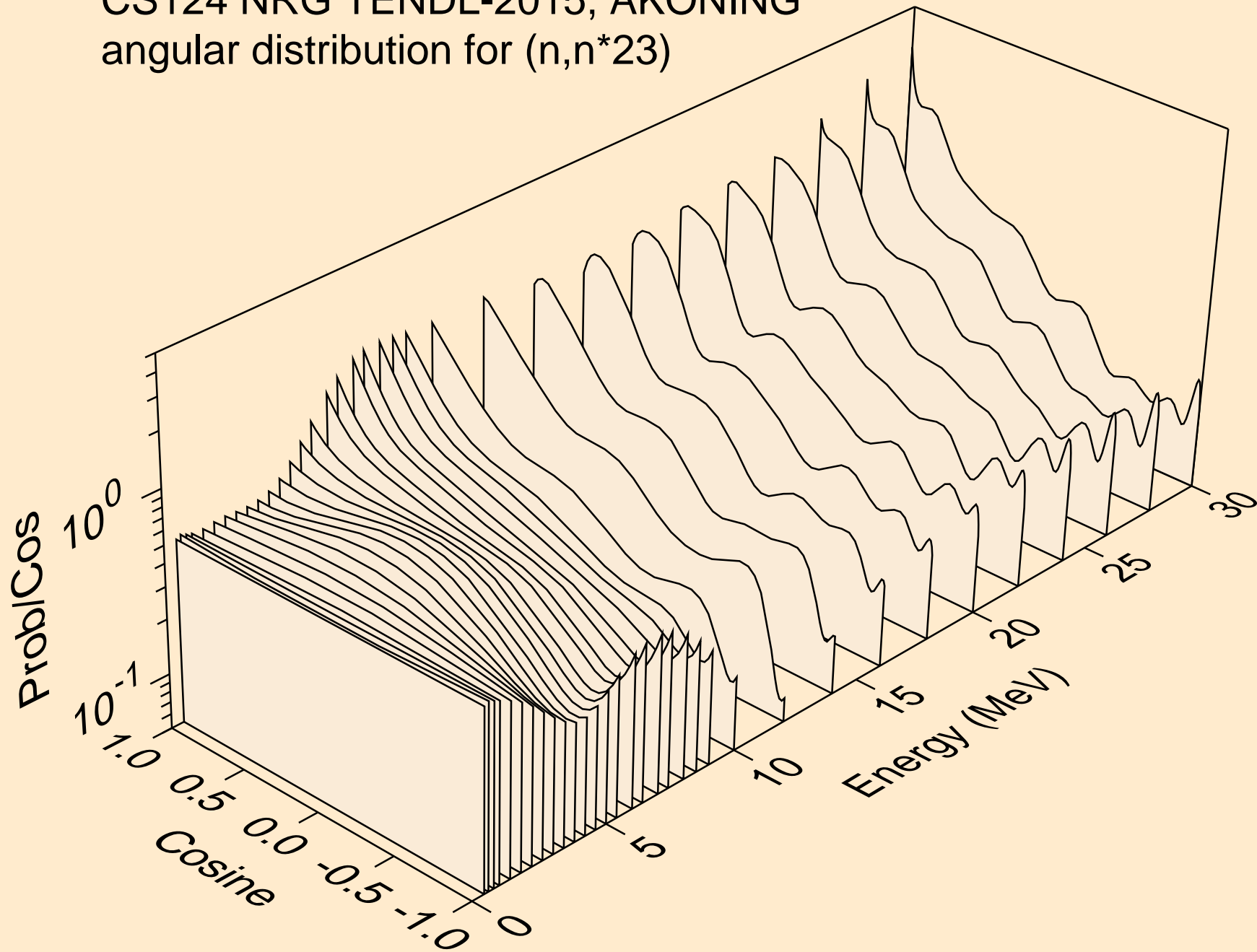


CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

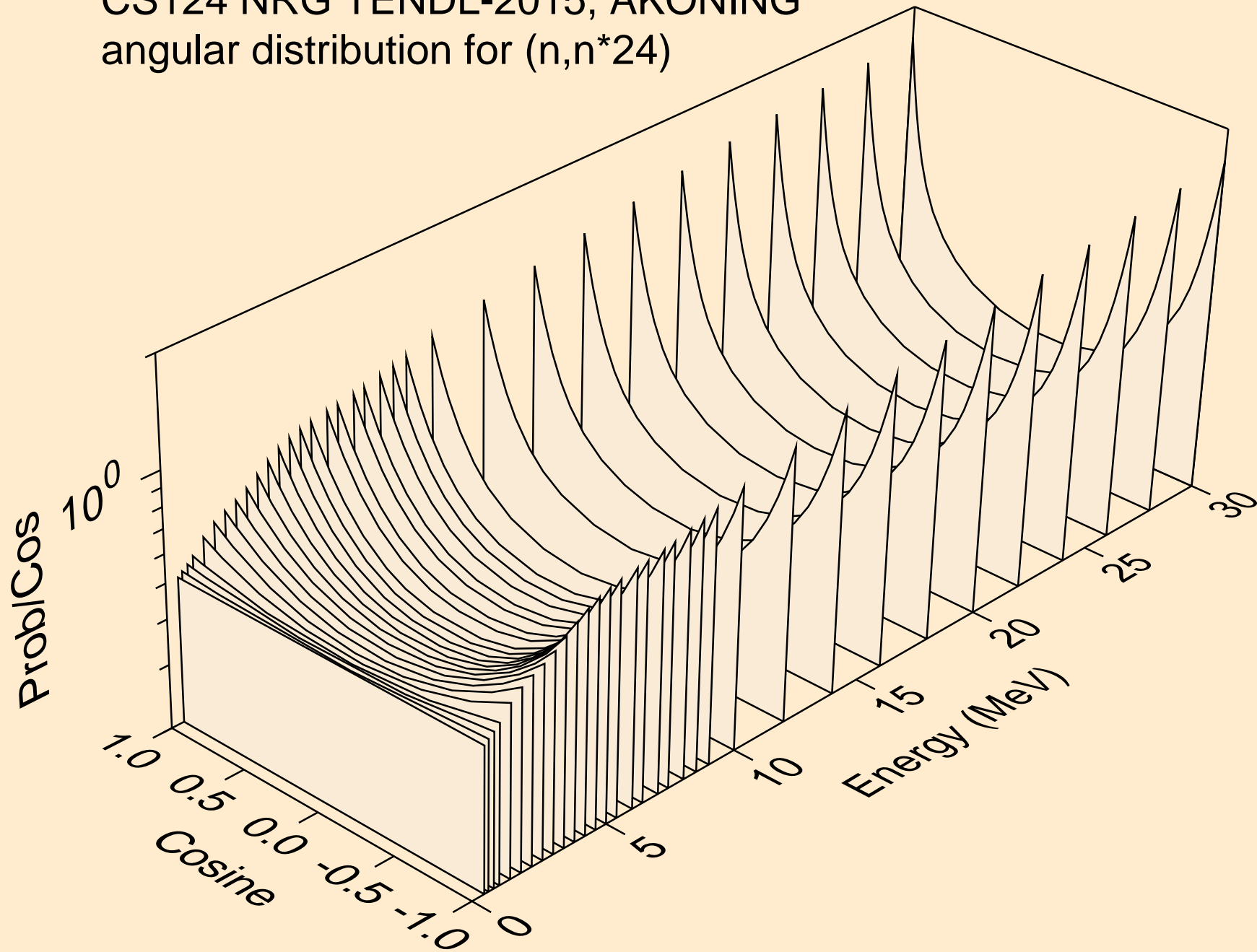




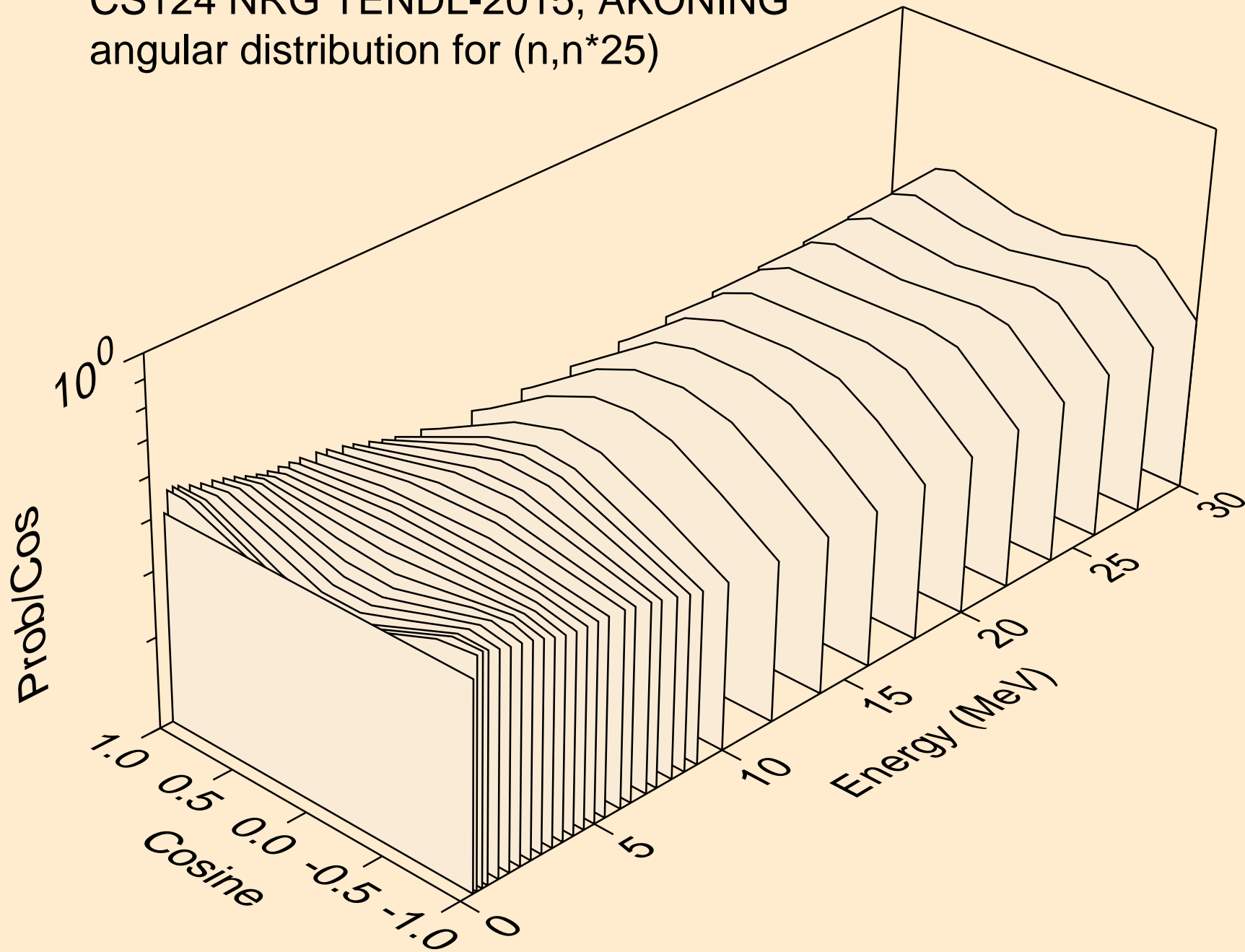
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



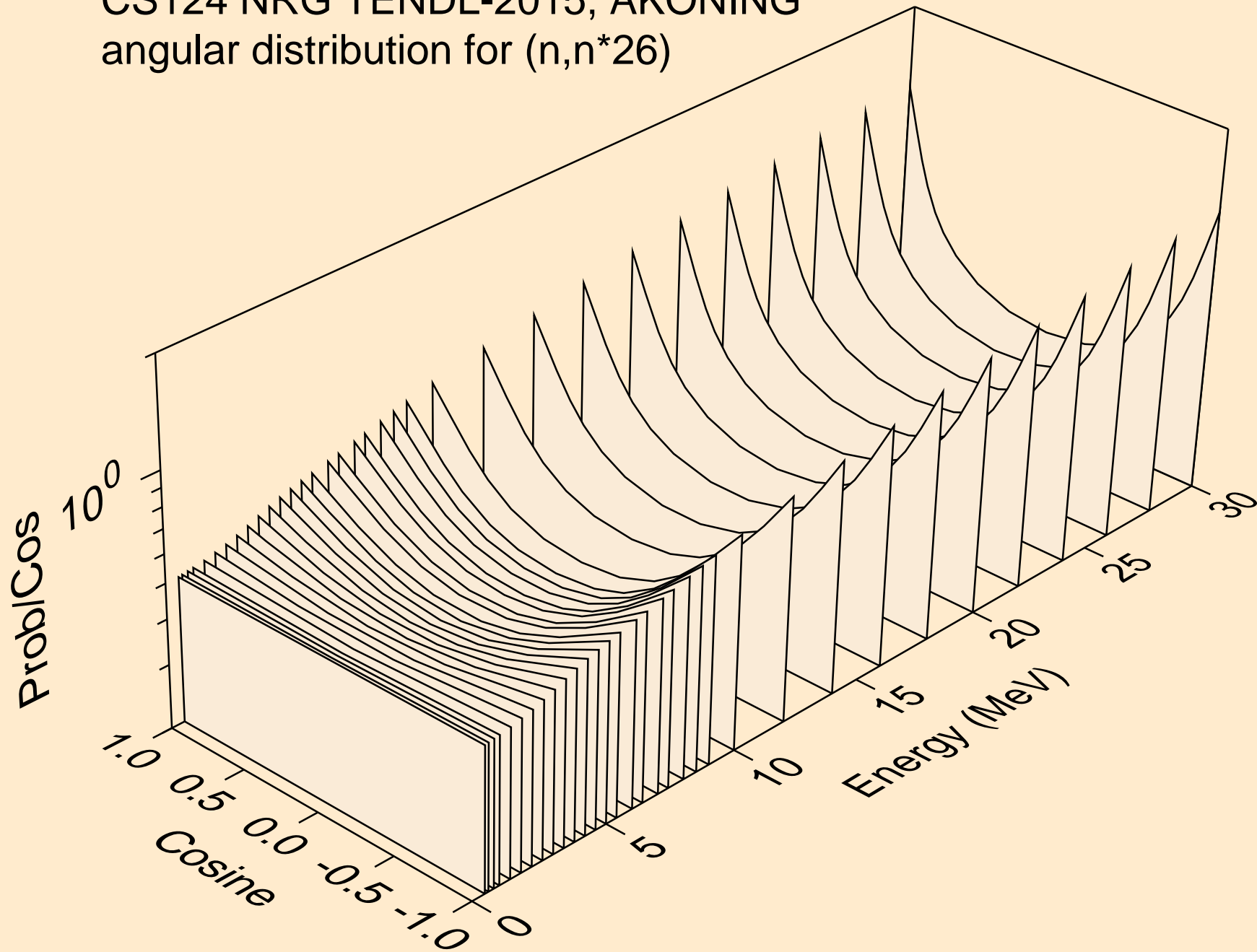
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



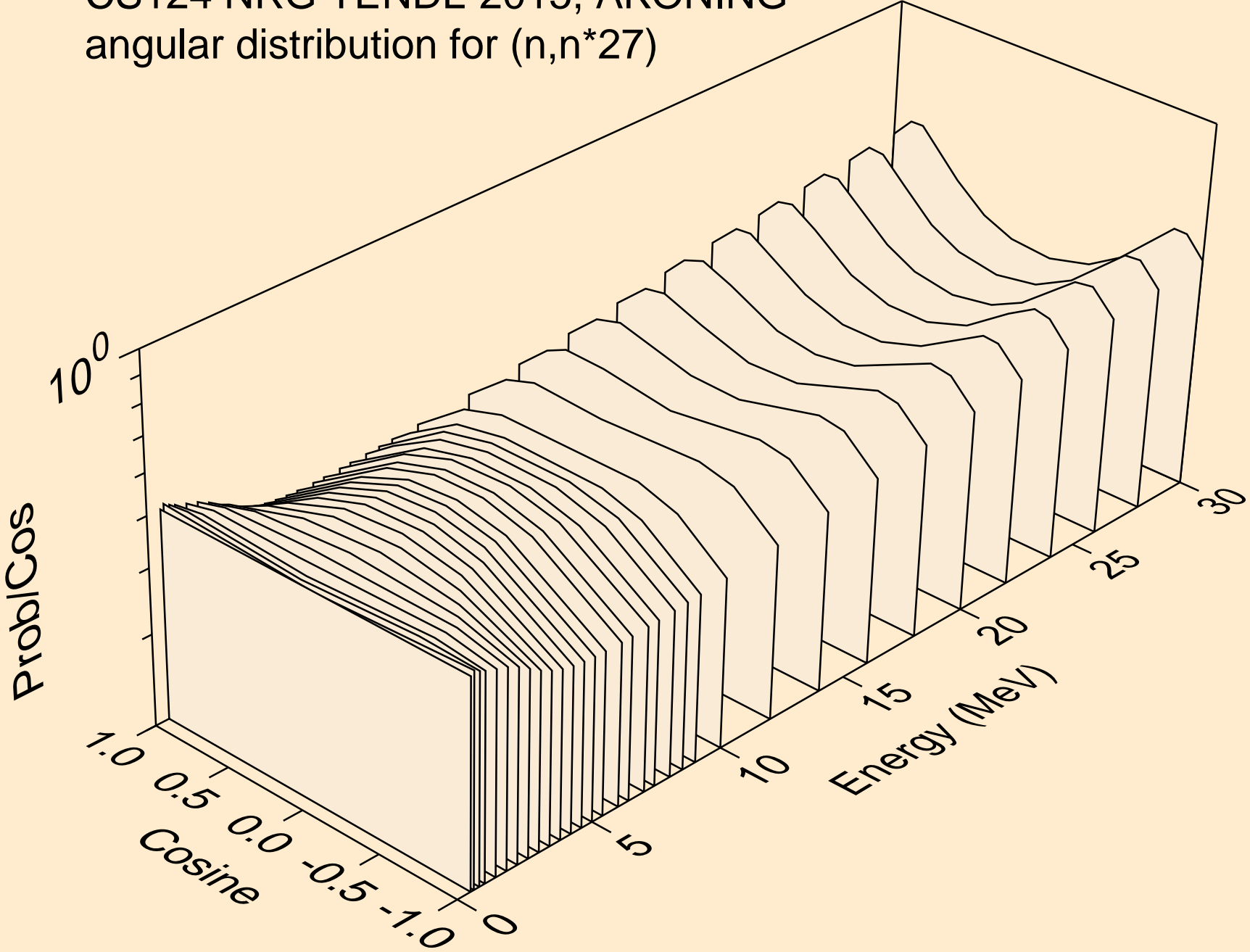
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



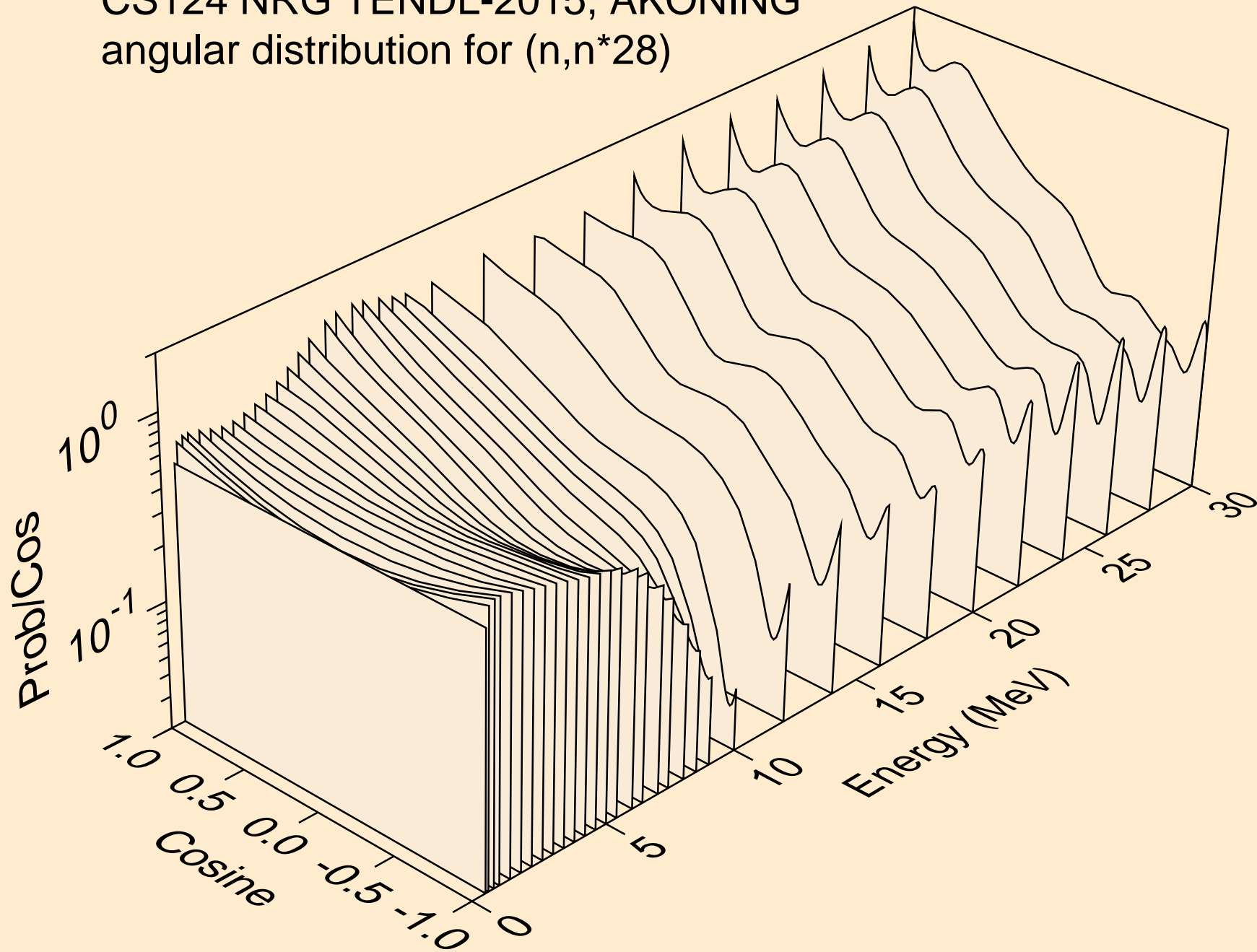
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



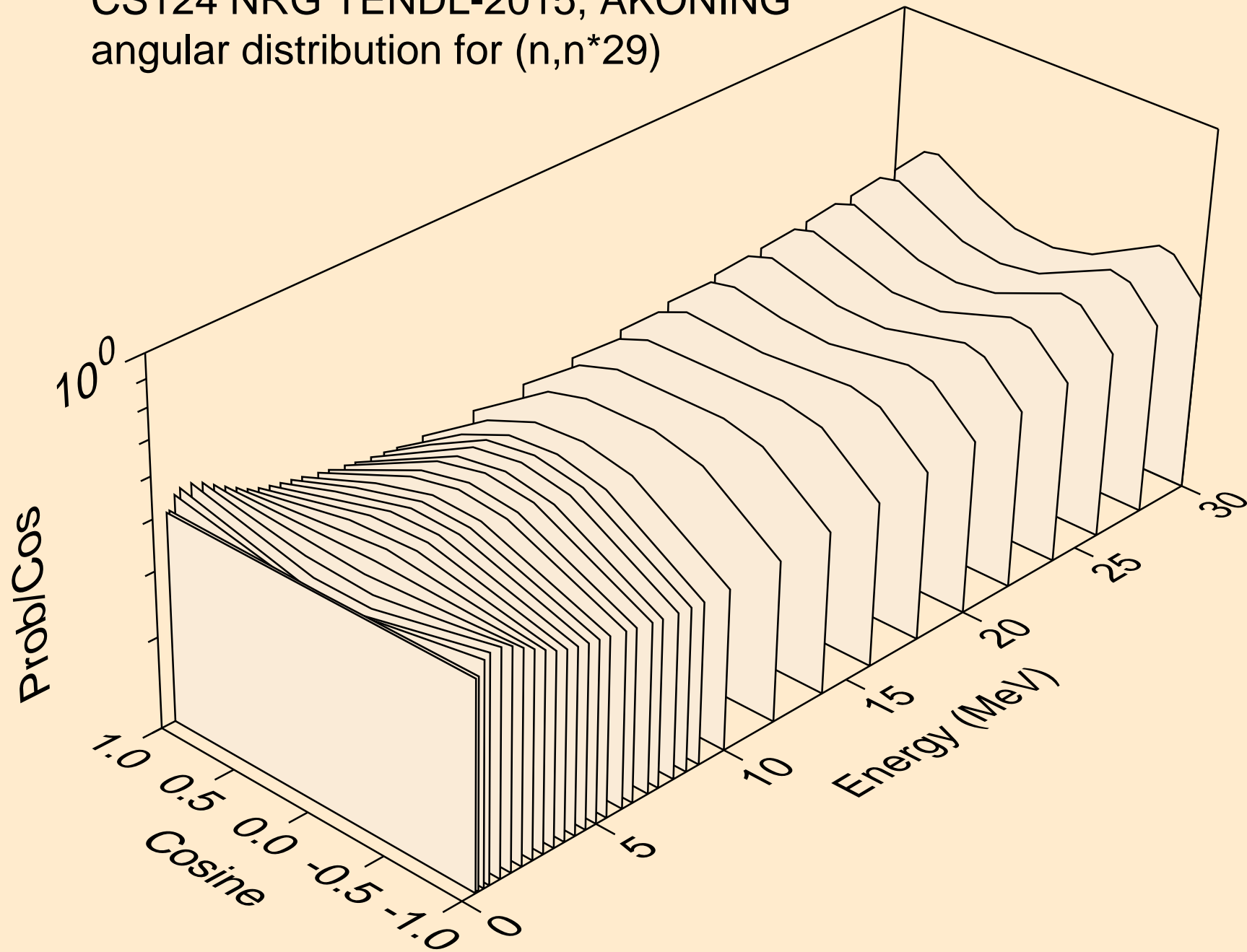
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



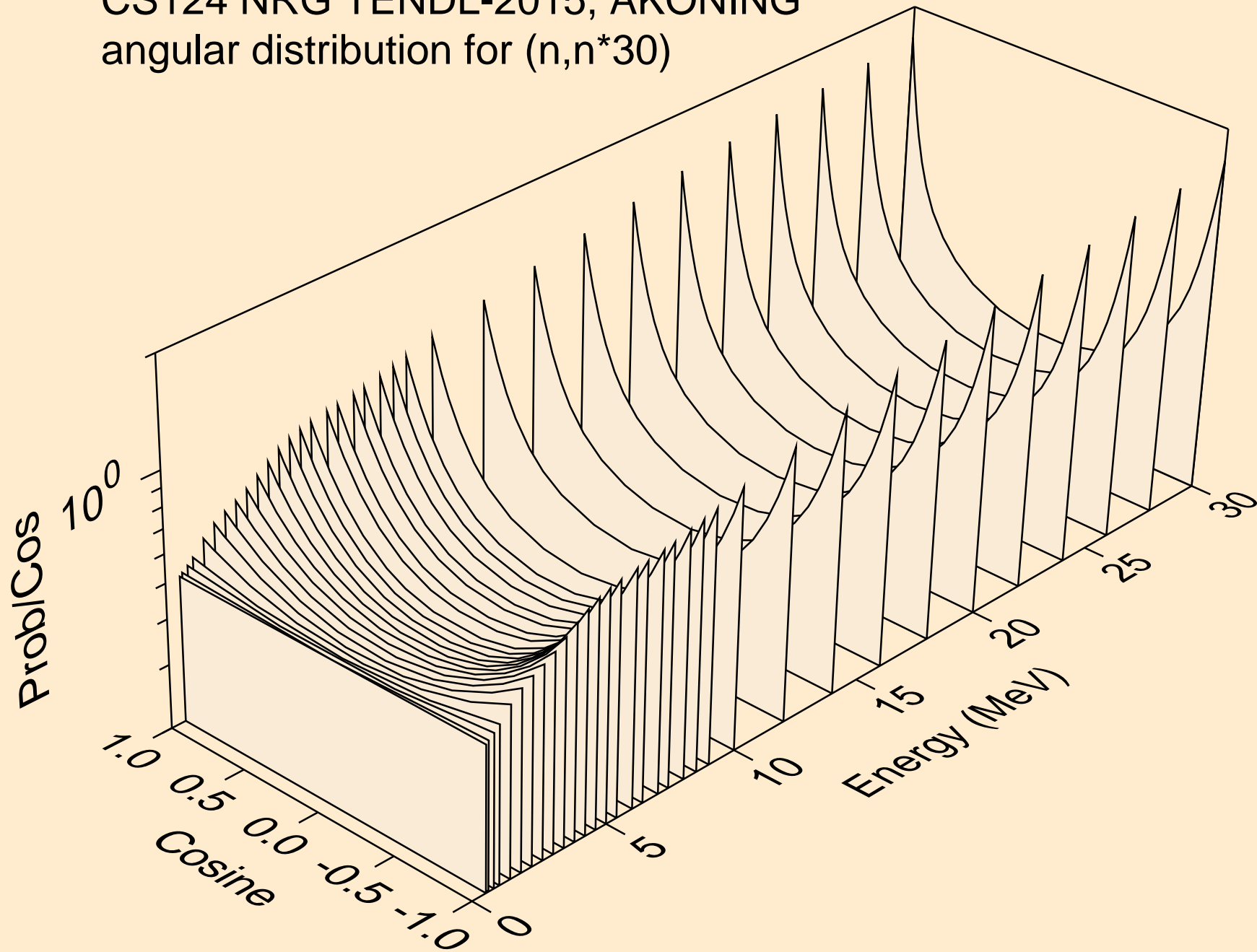
CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

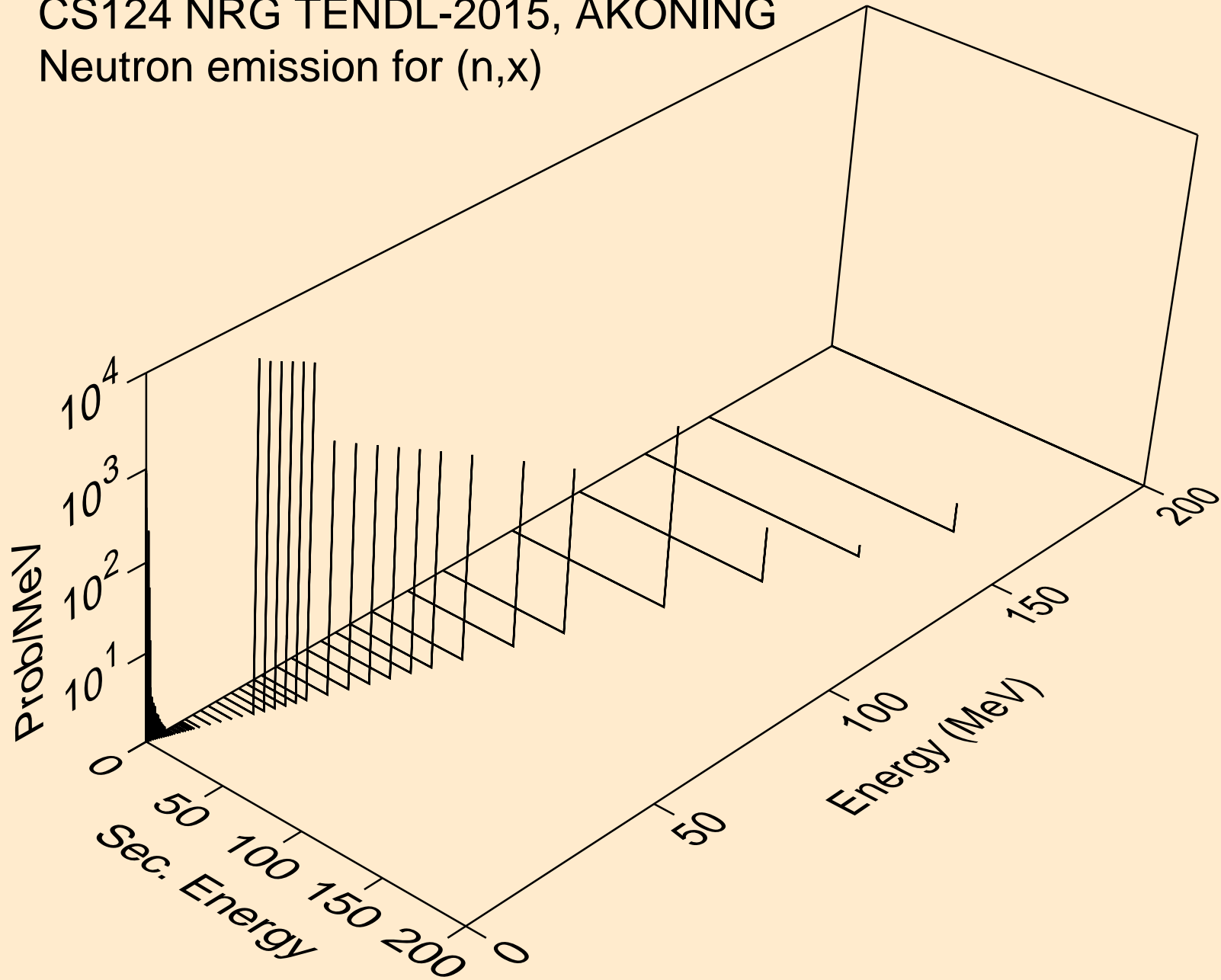


CS124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

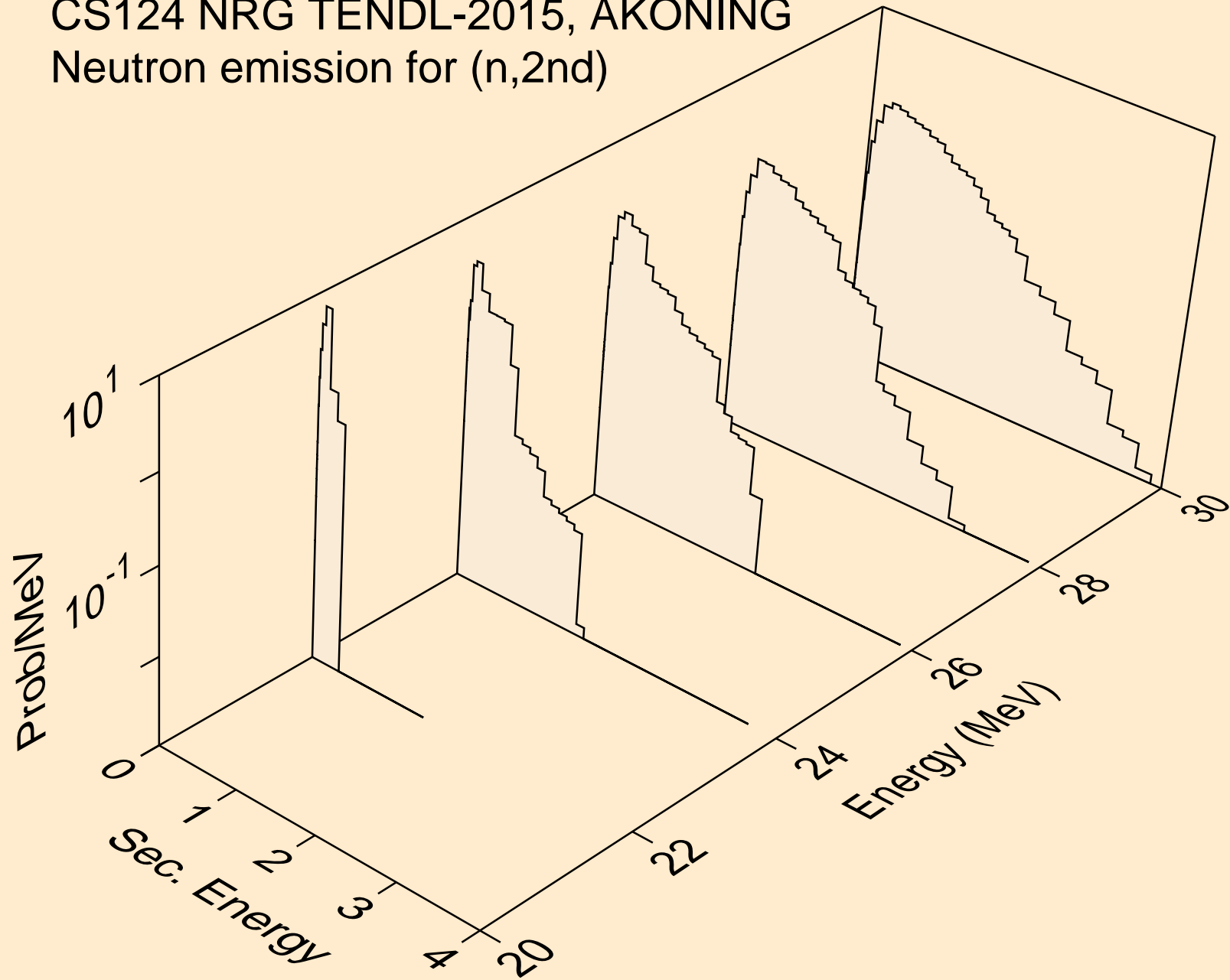




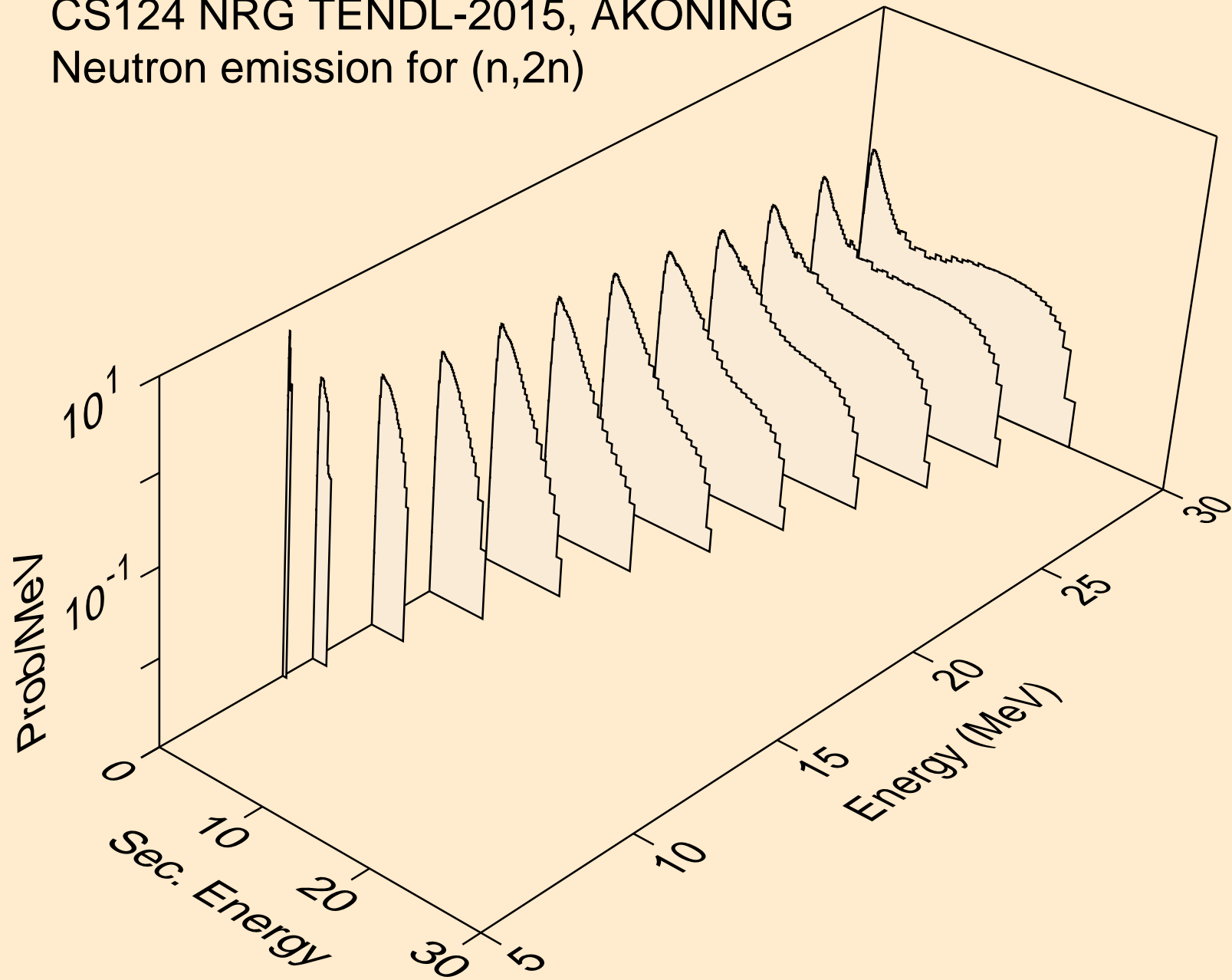
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



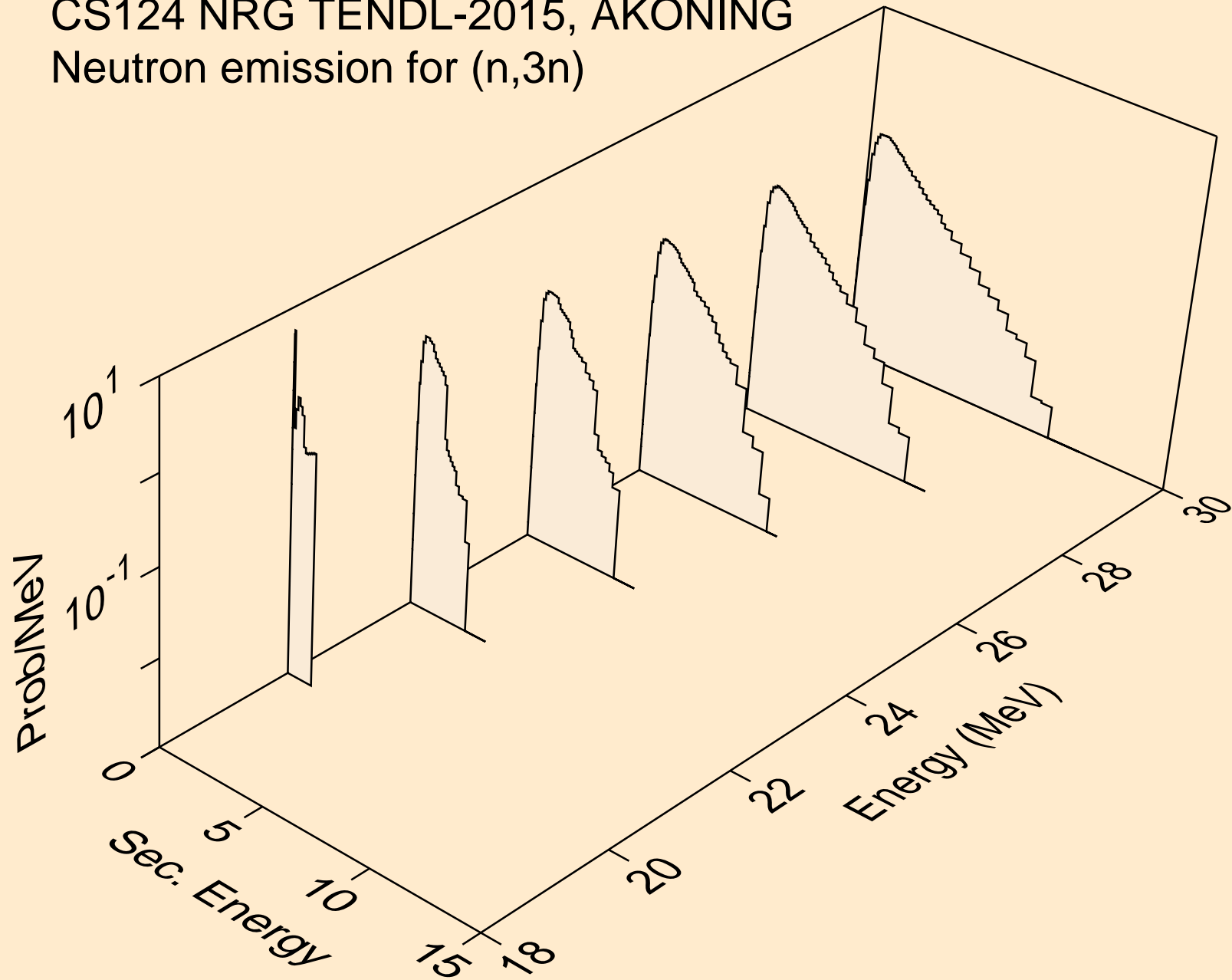
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



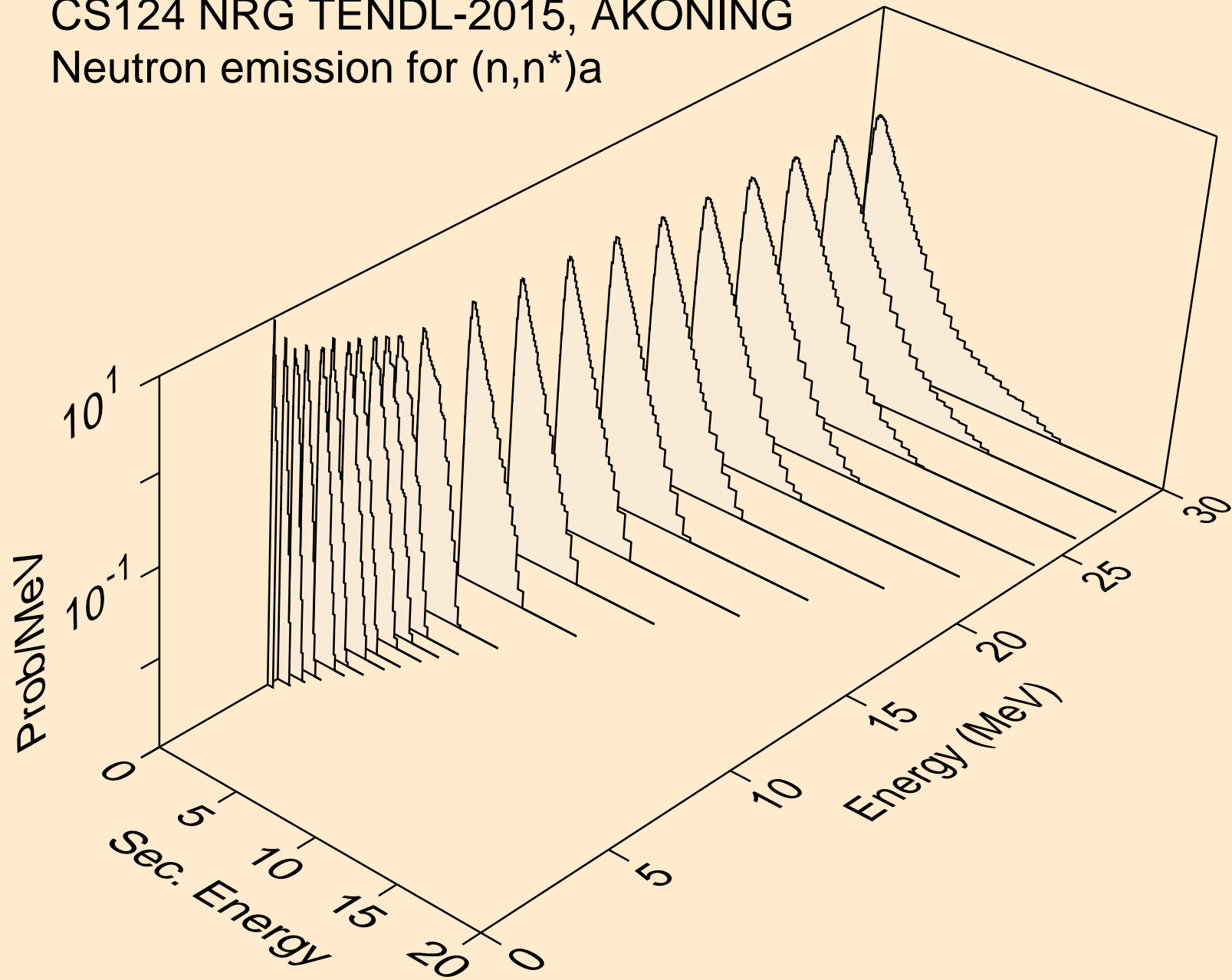
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



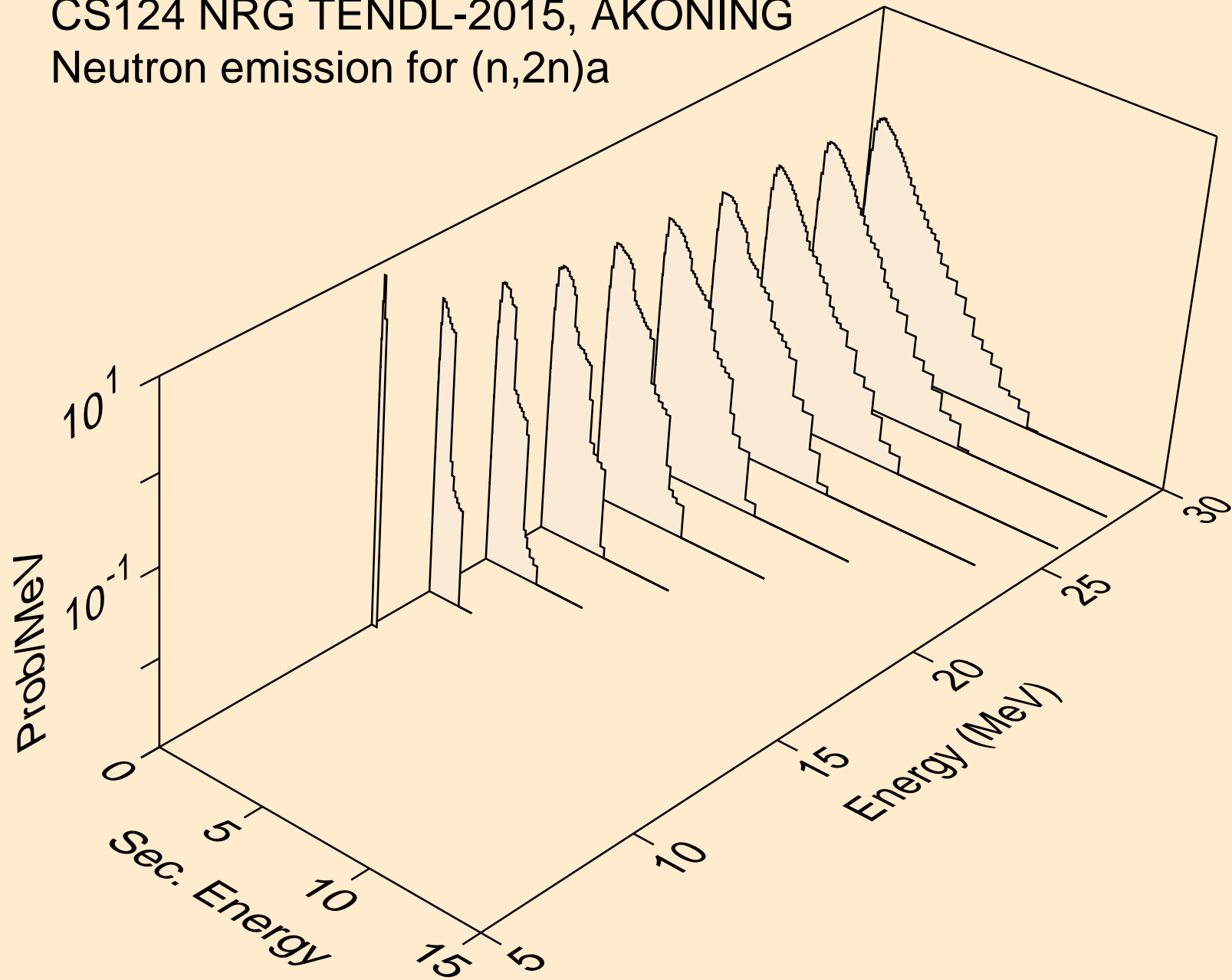
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



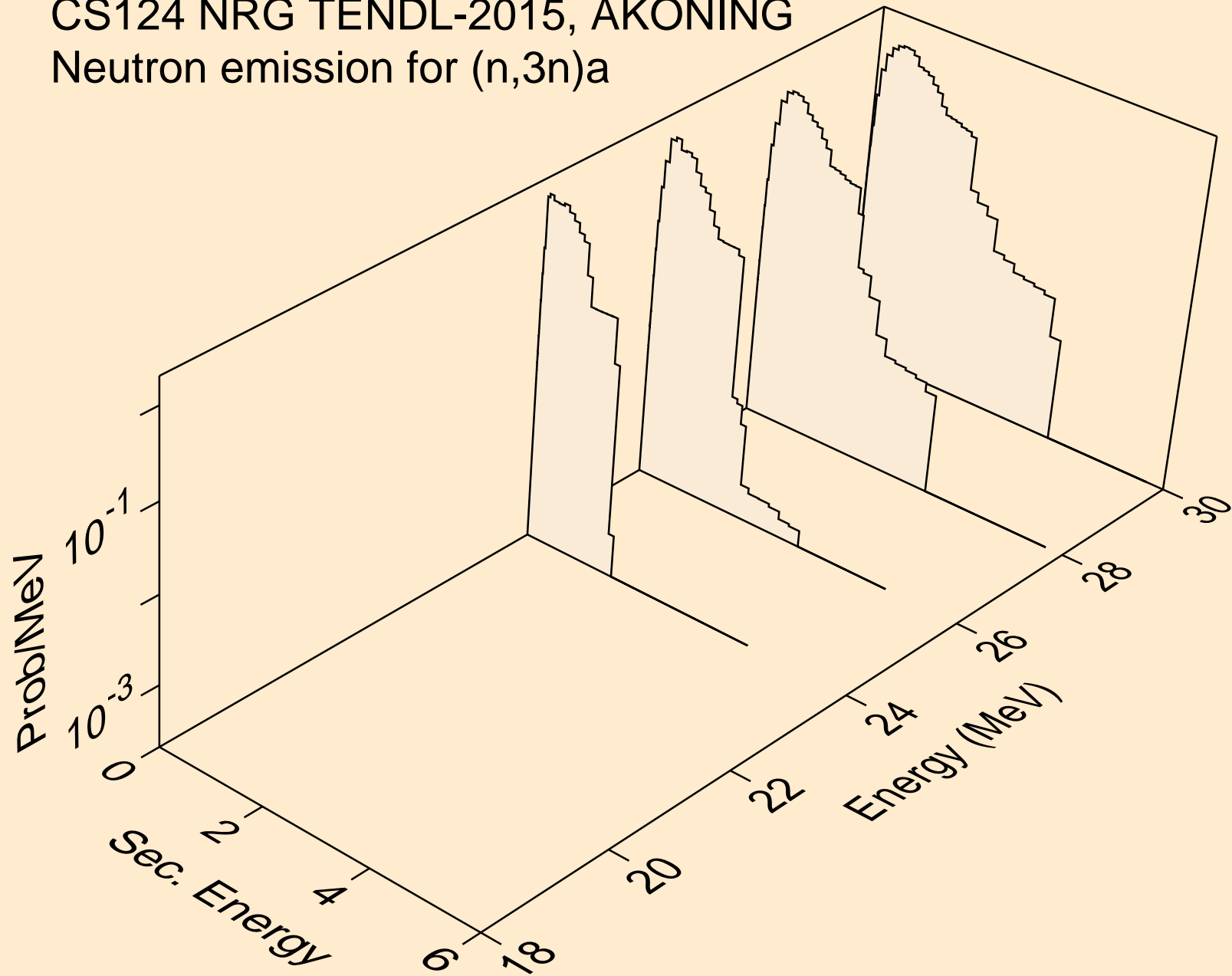
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



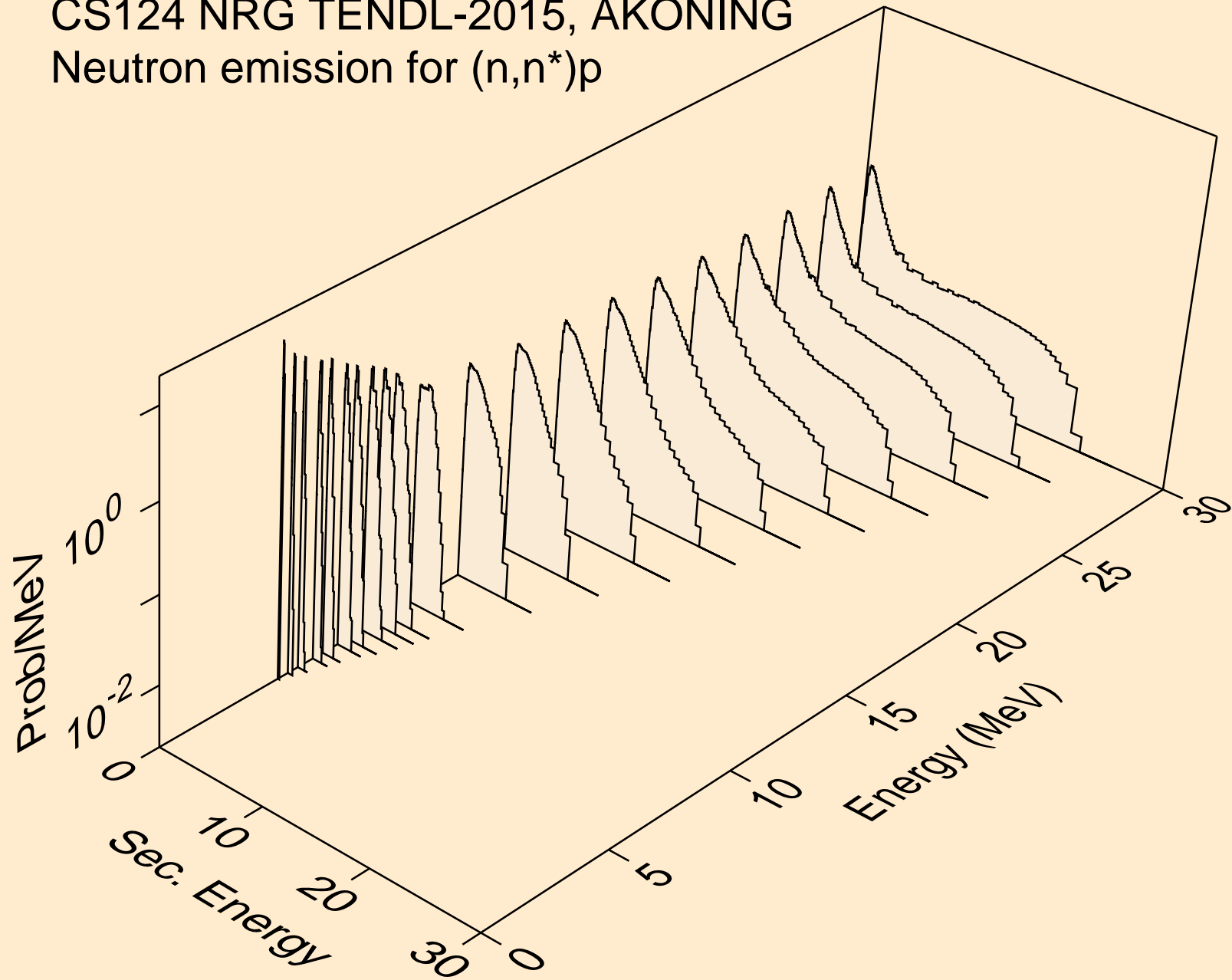
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

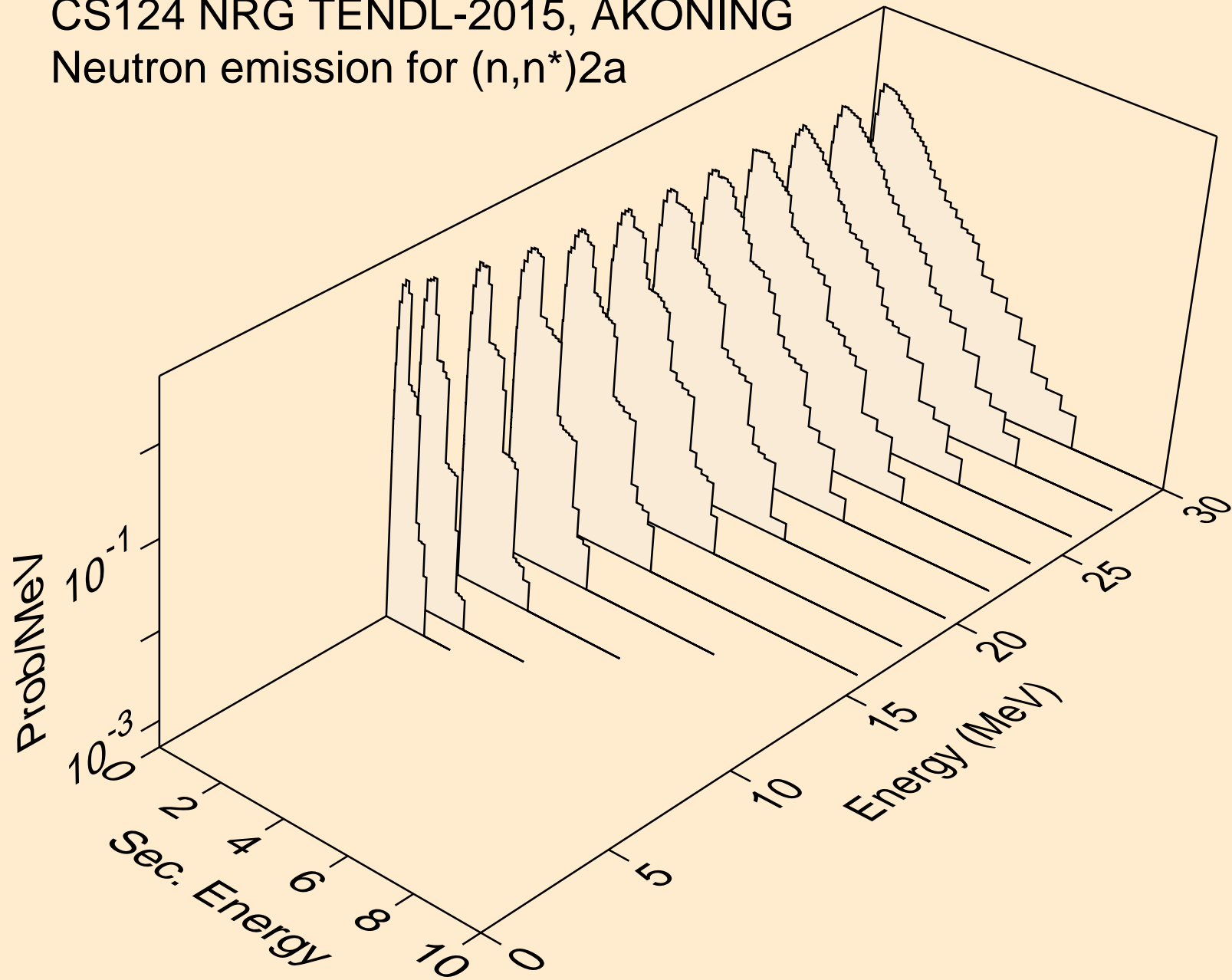


CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

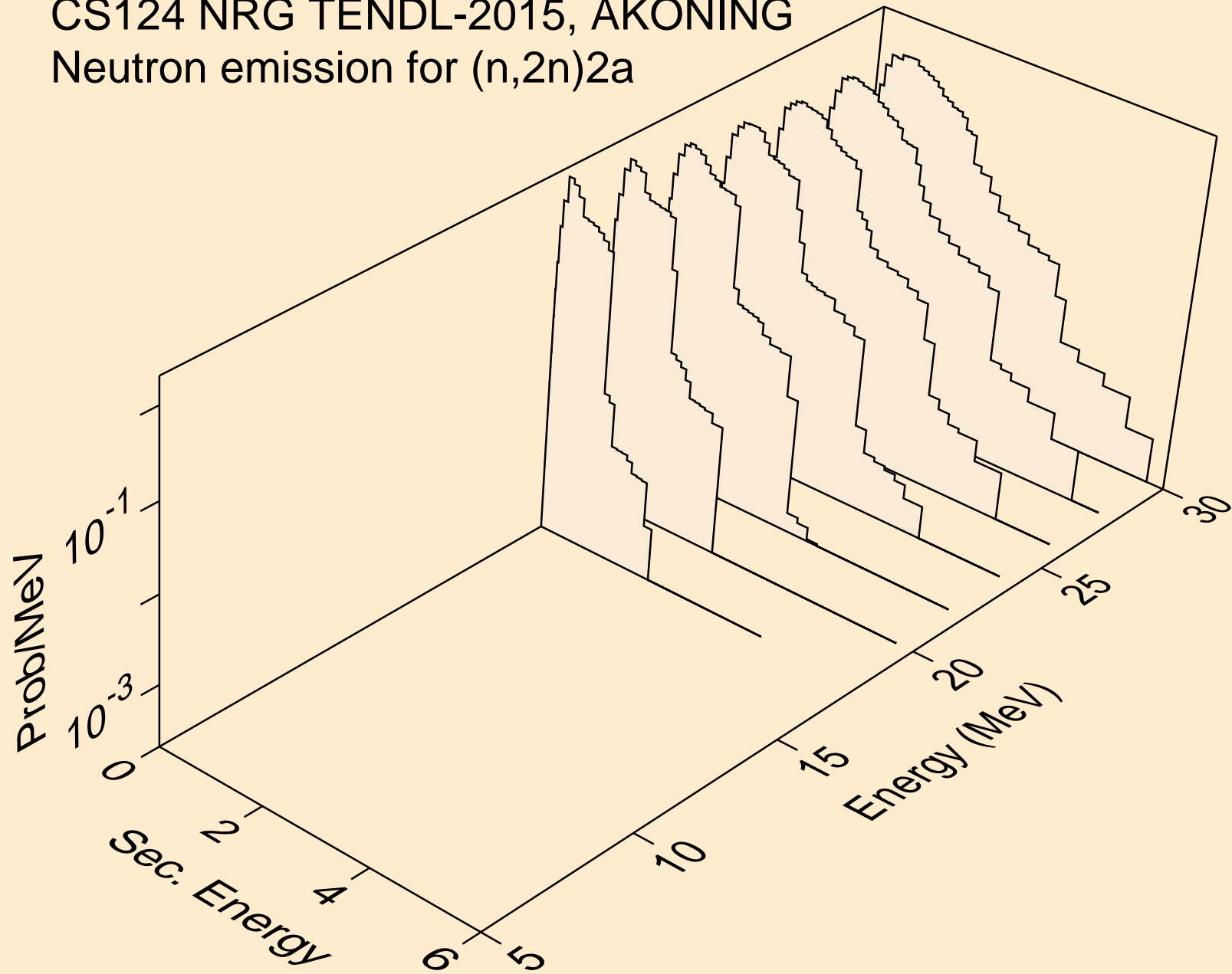




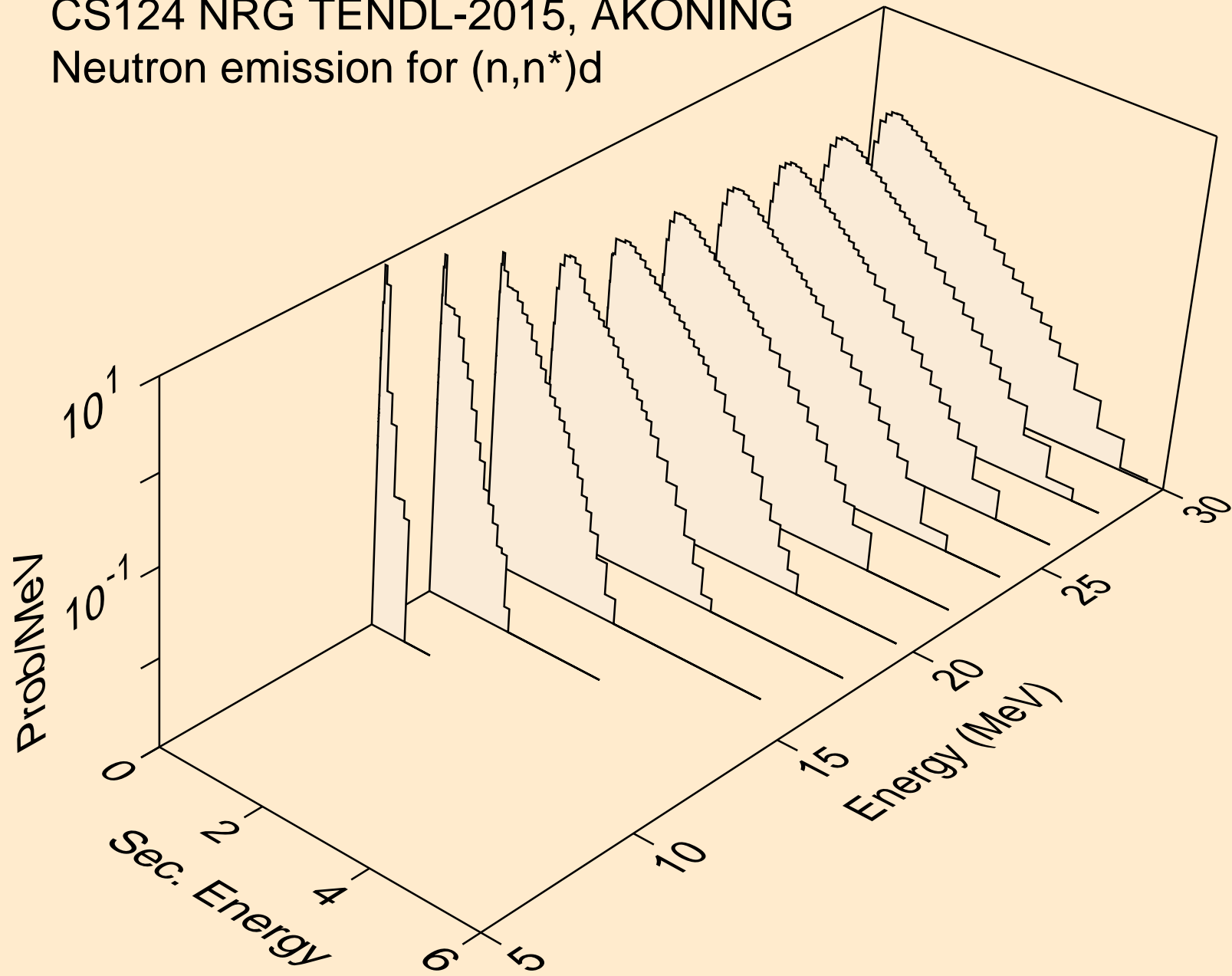
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



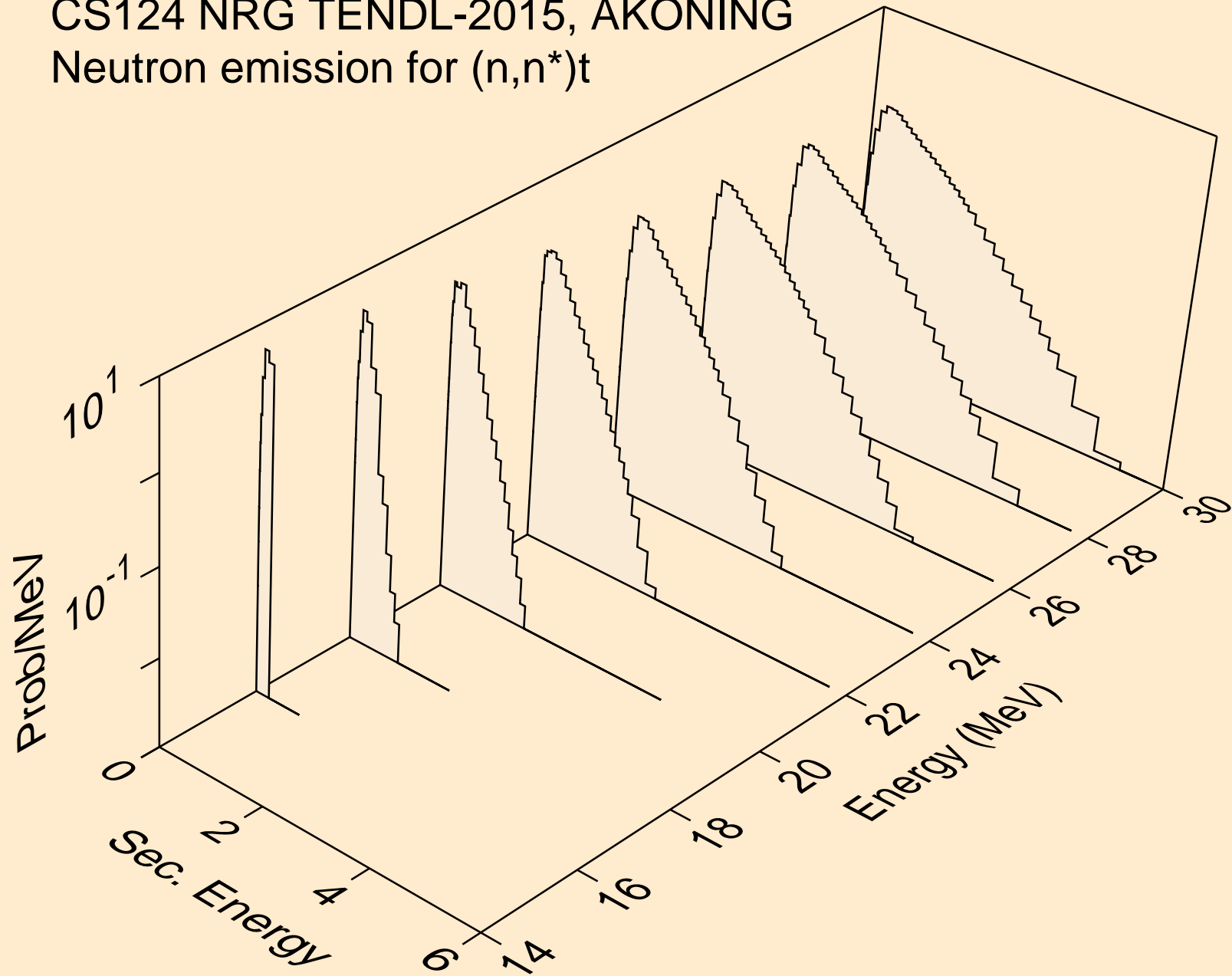
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



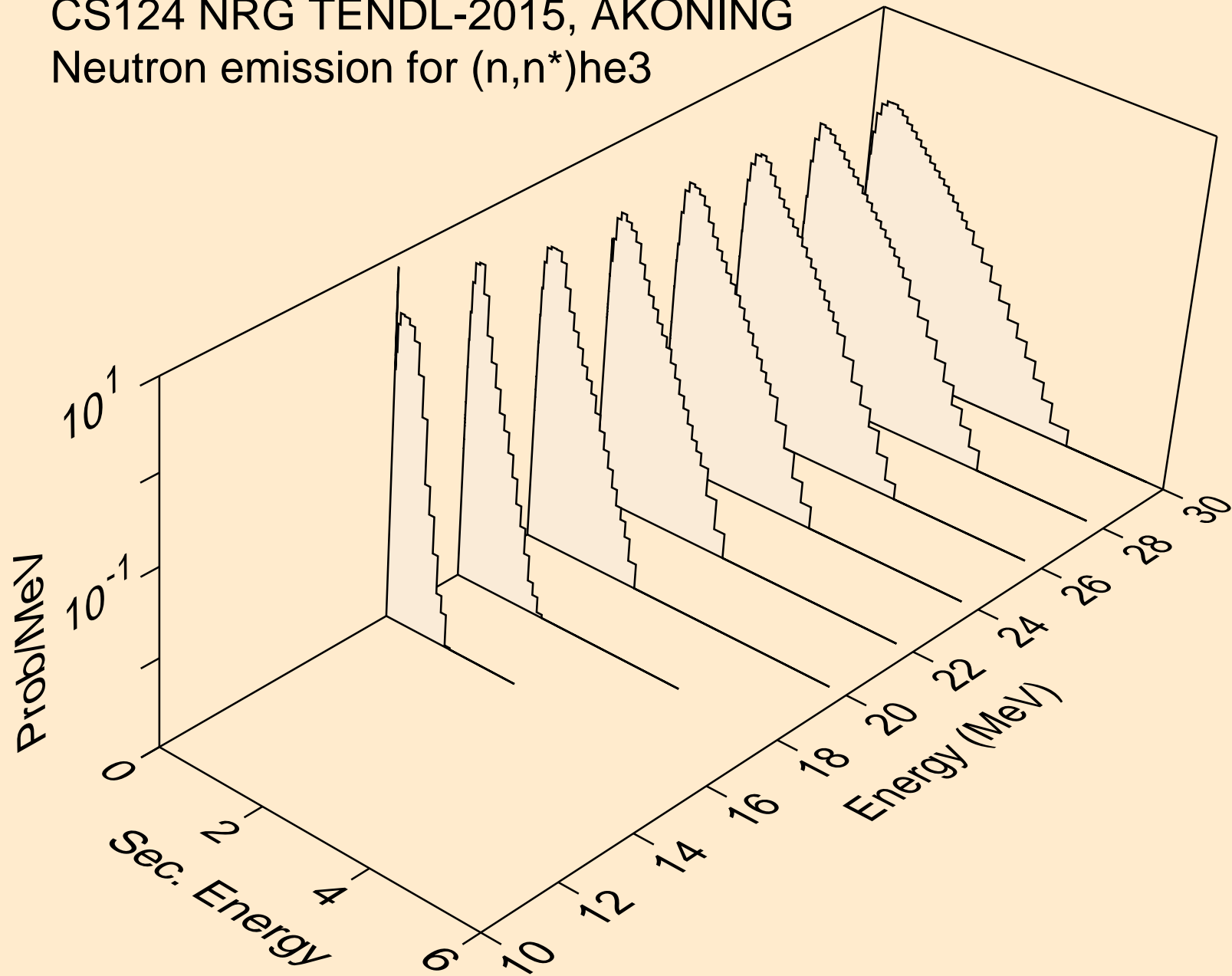
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



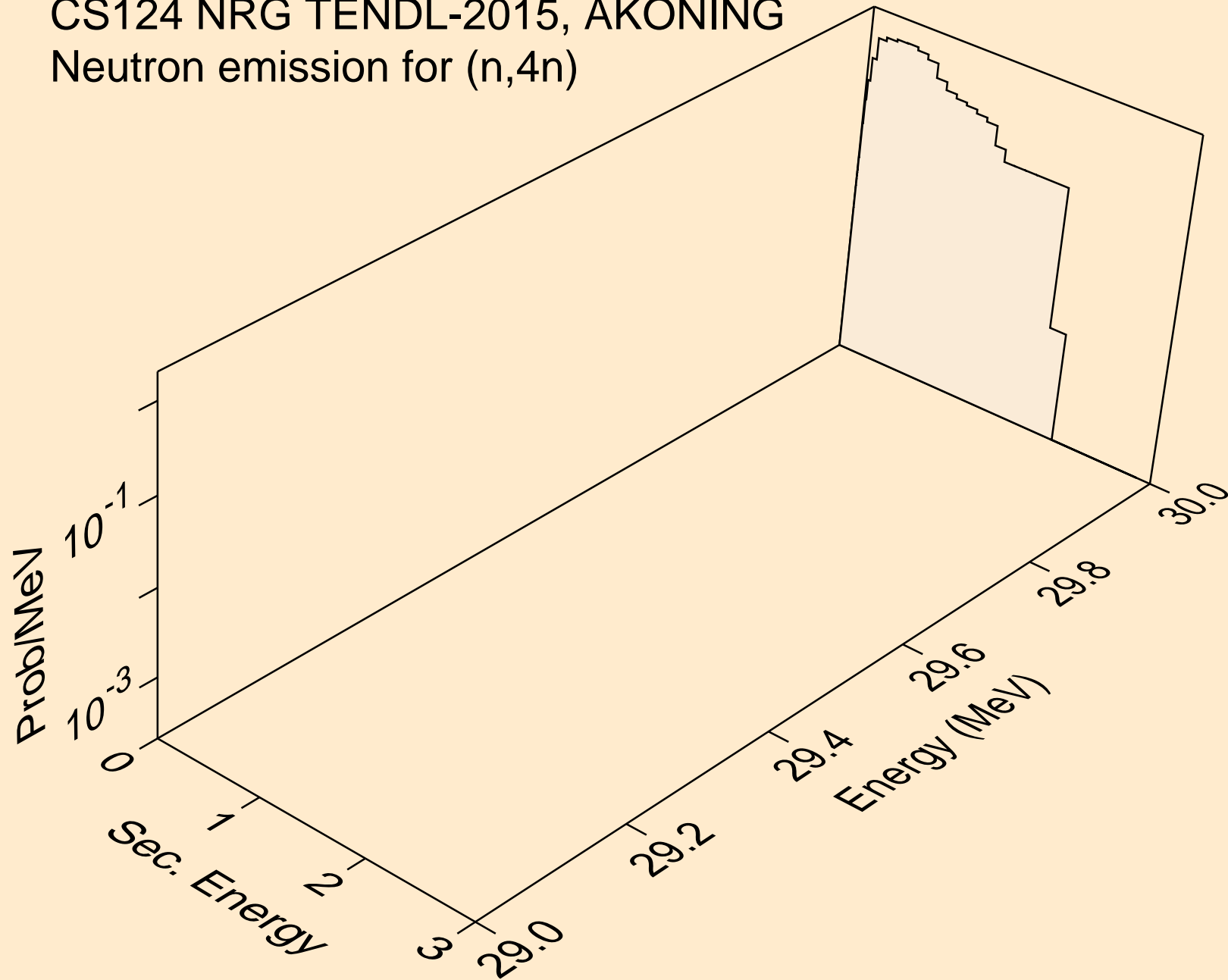
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



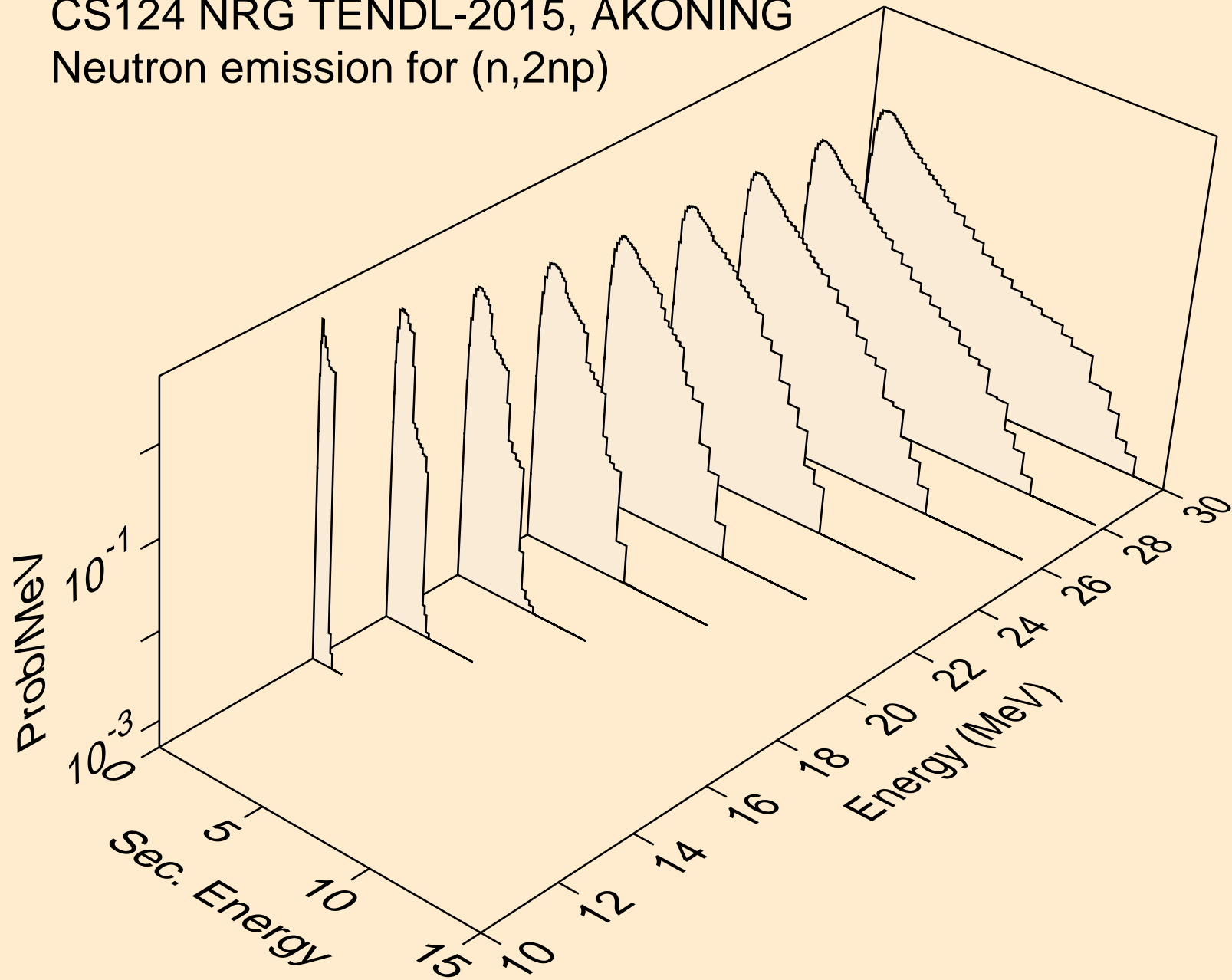
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



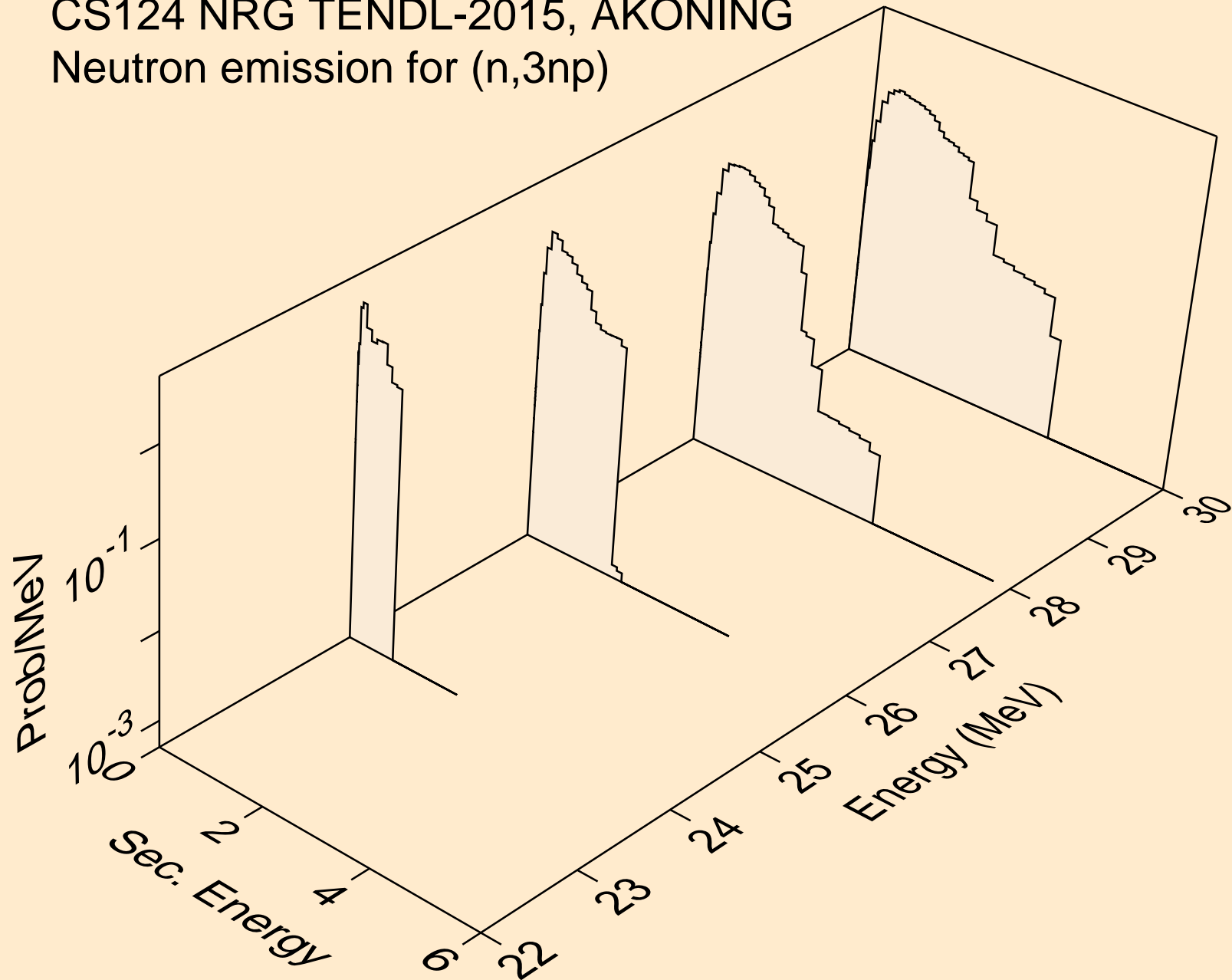
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

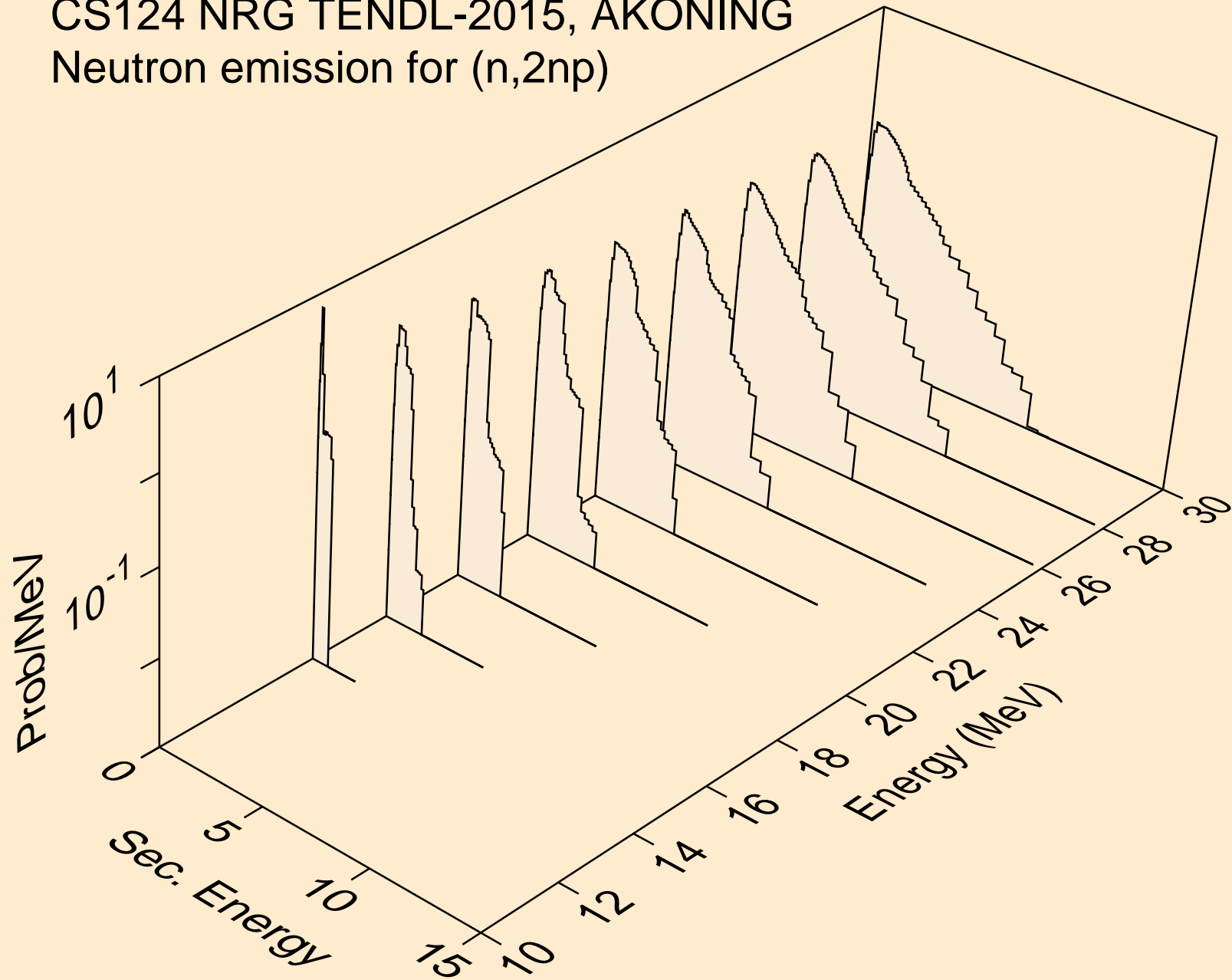


CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

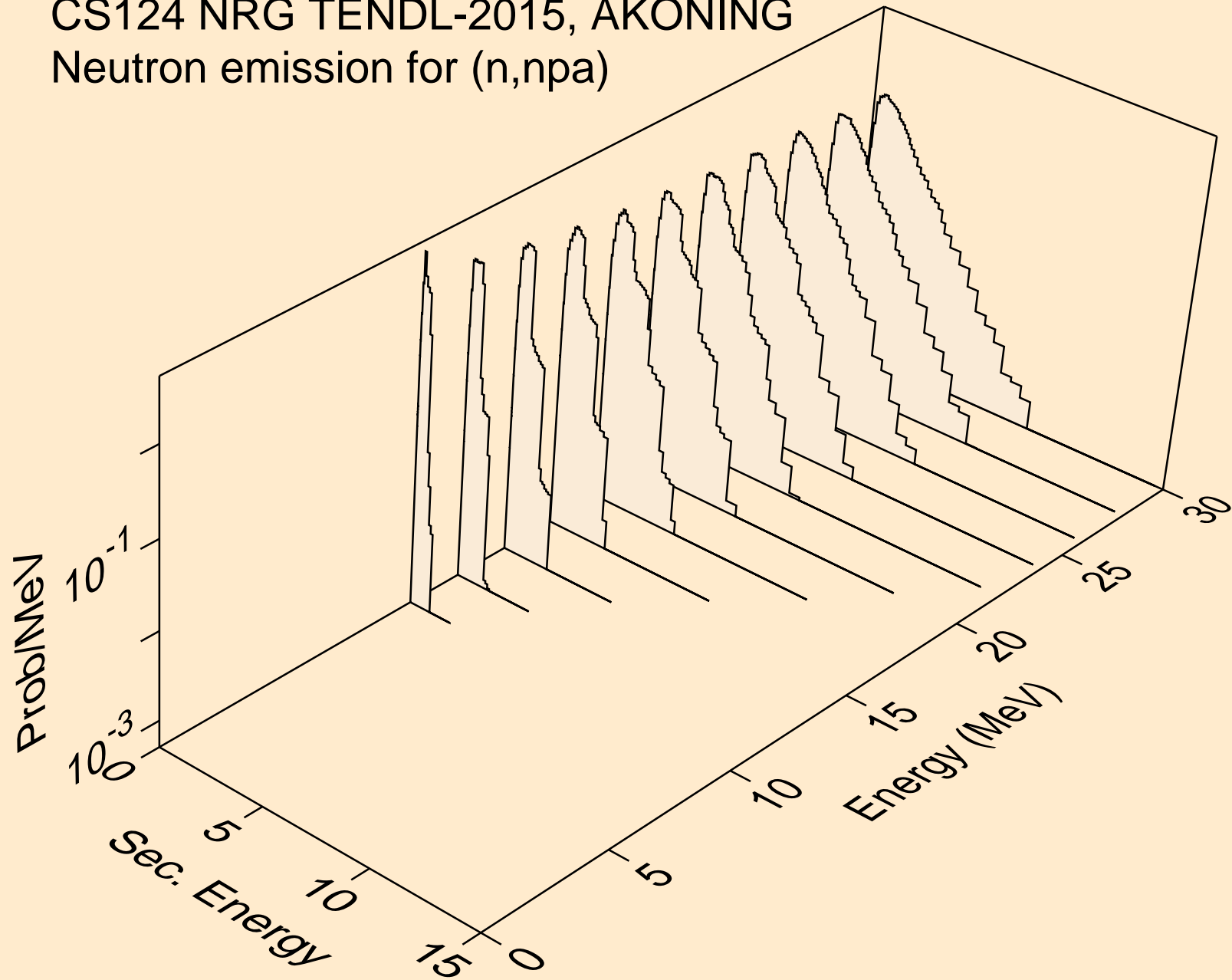




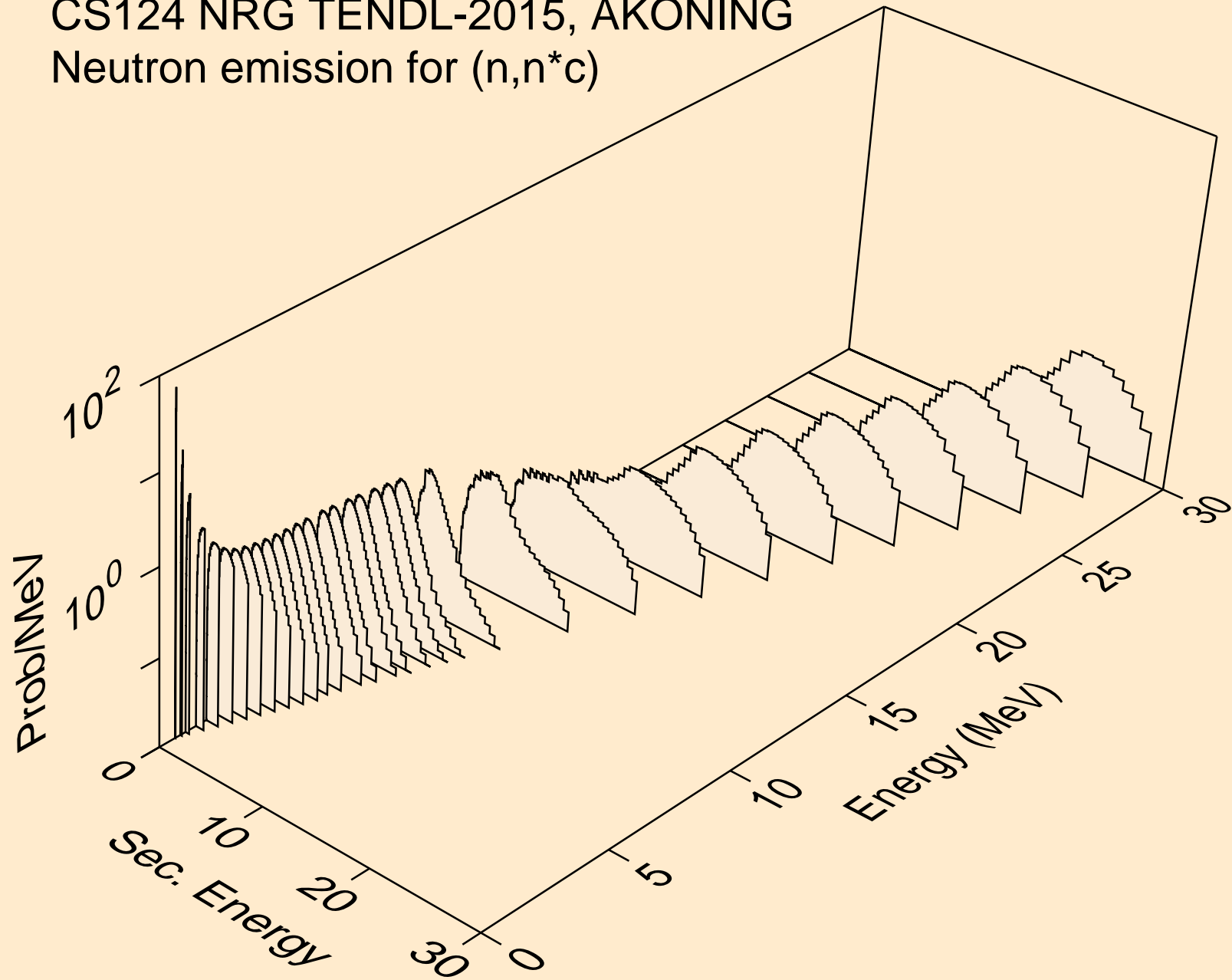
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



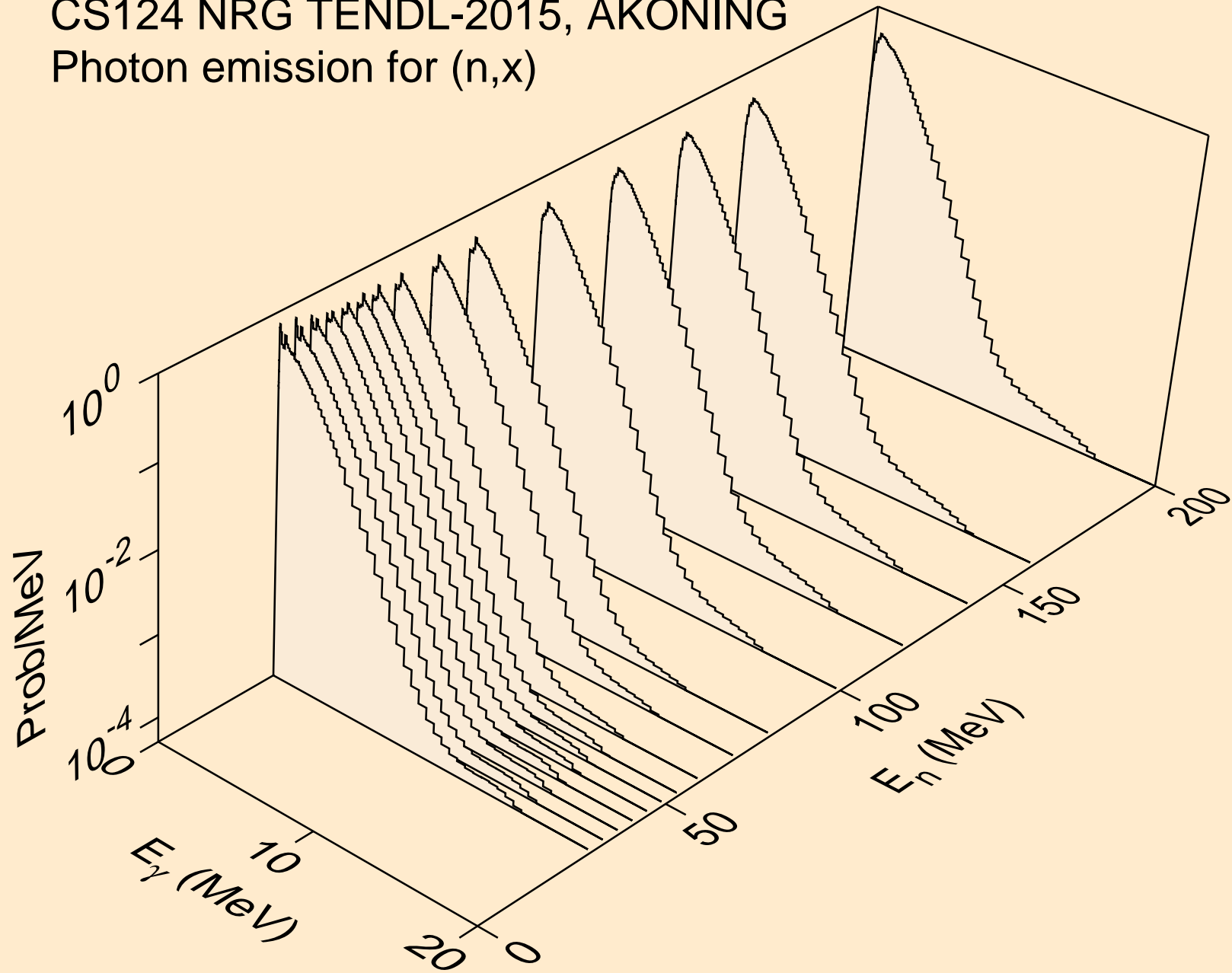
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



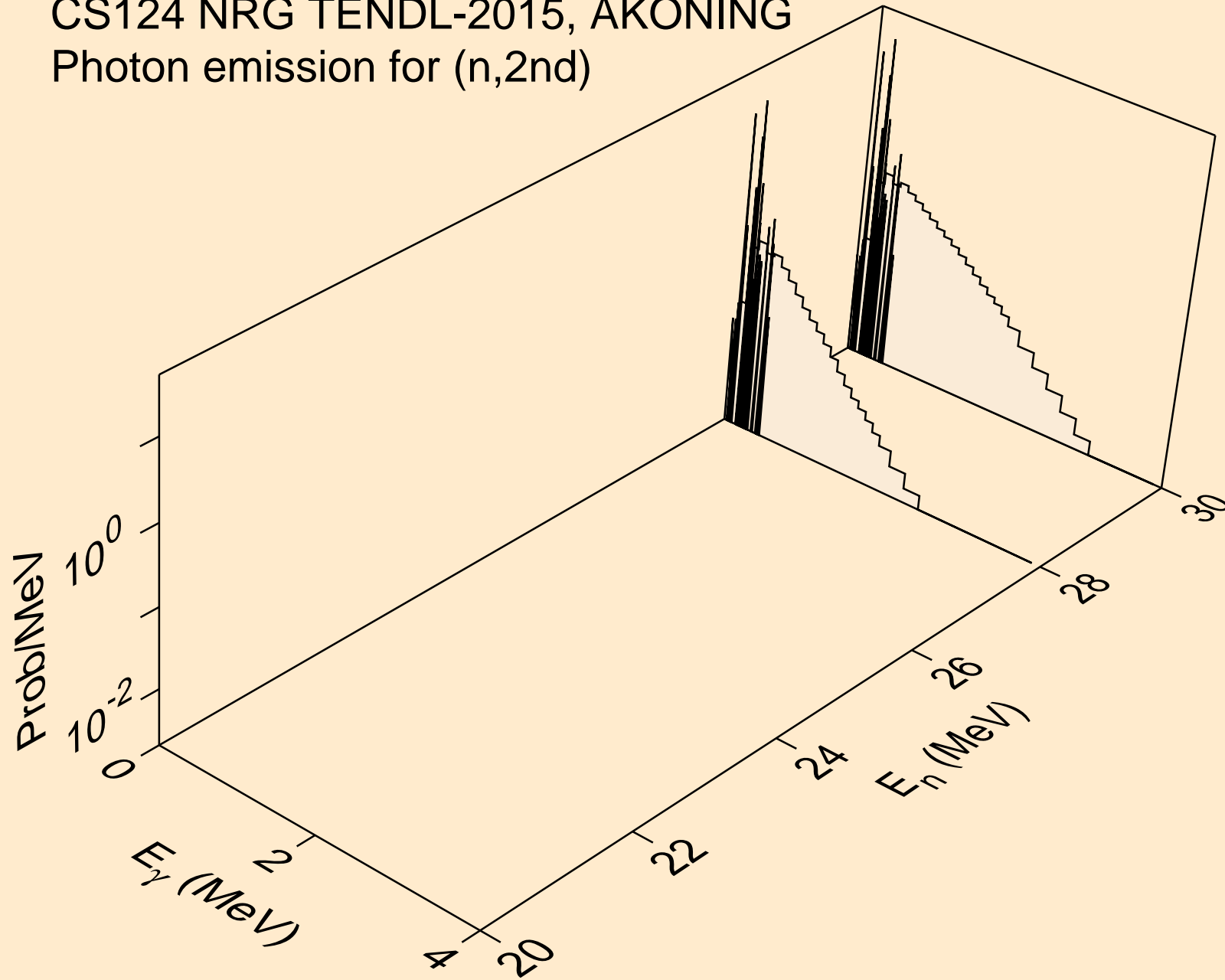
CS124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



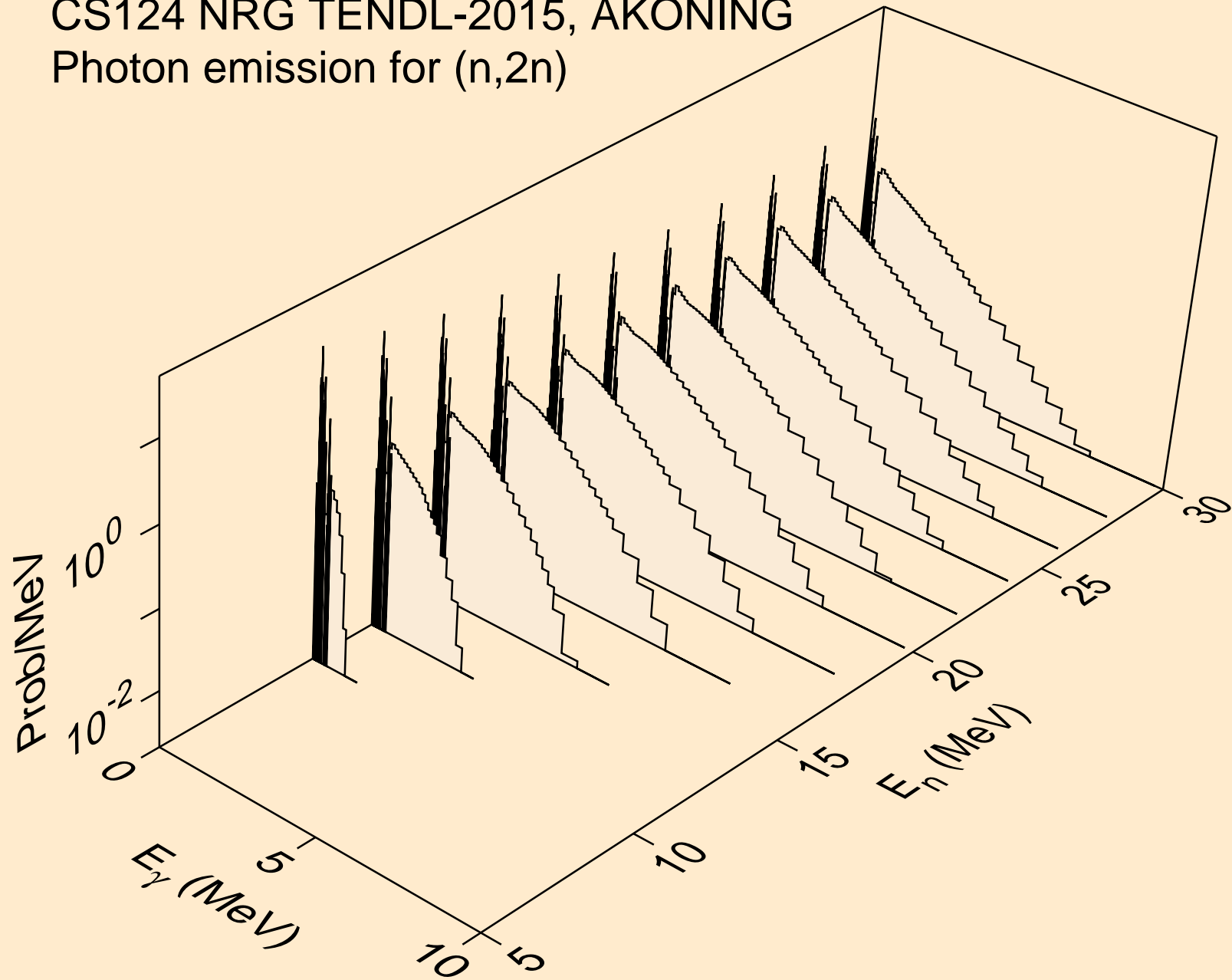
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



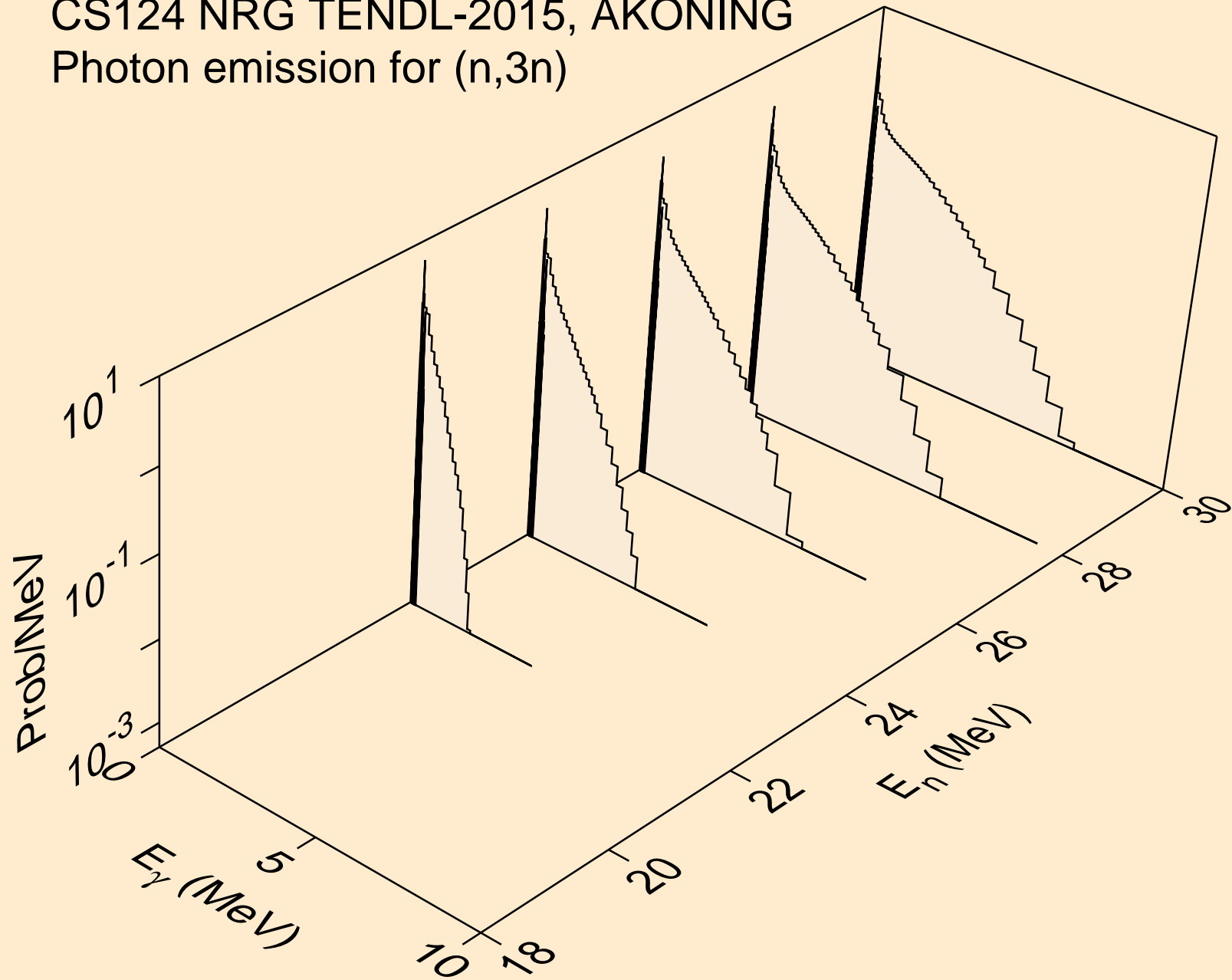
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



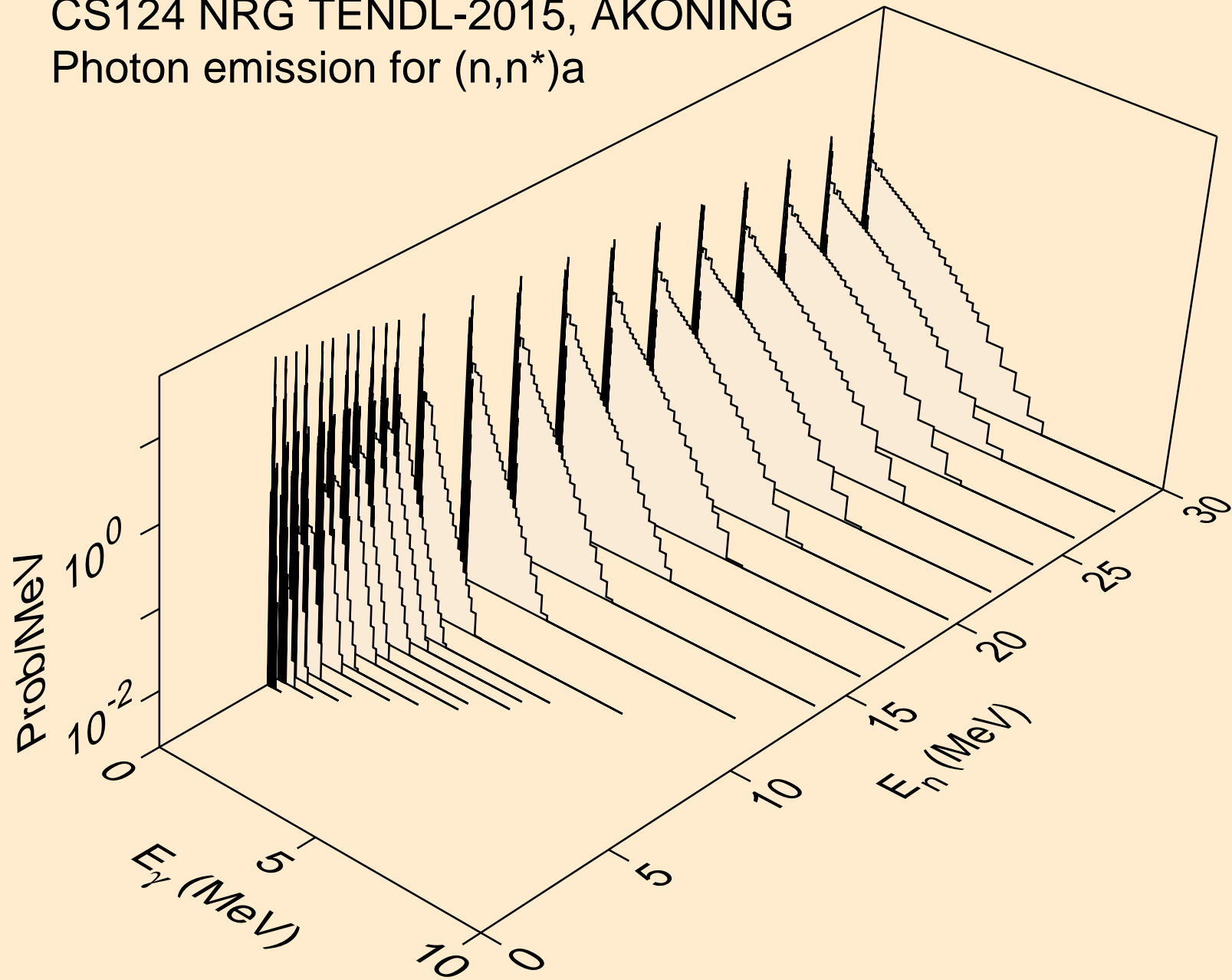
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

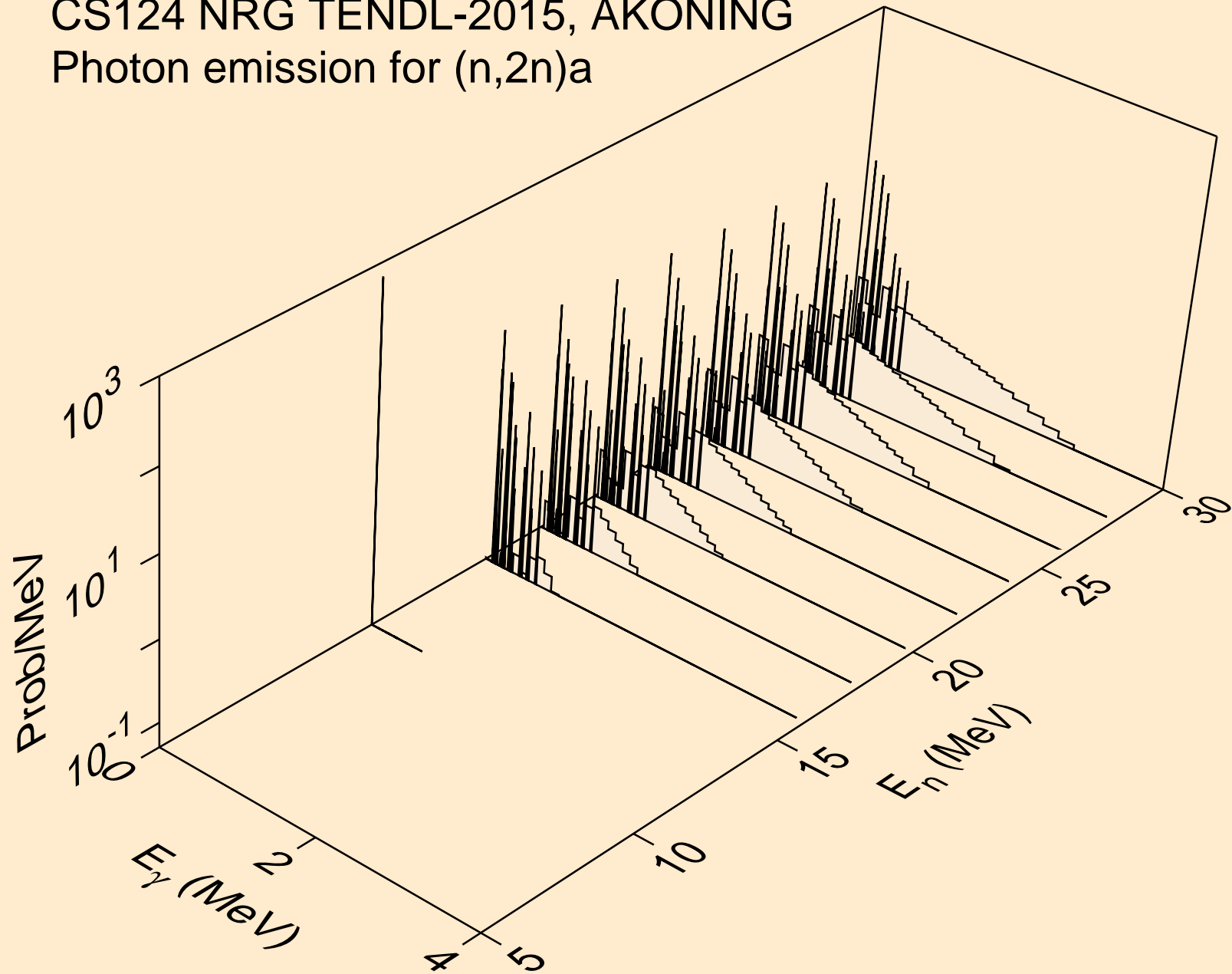


CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

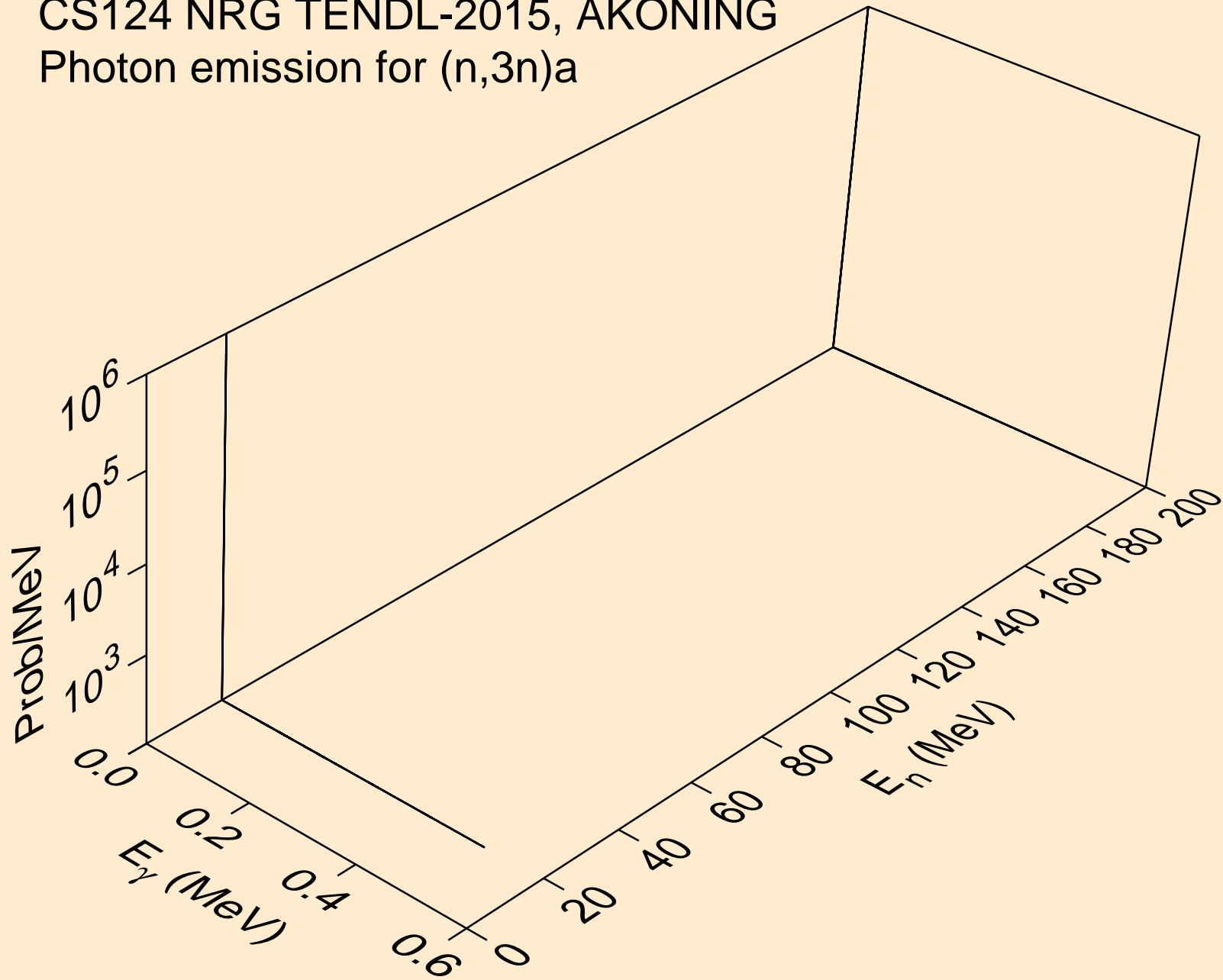




CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

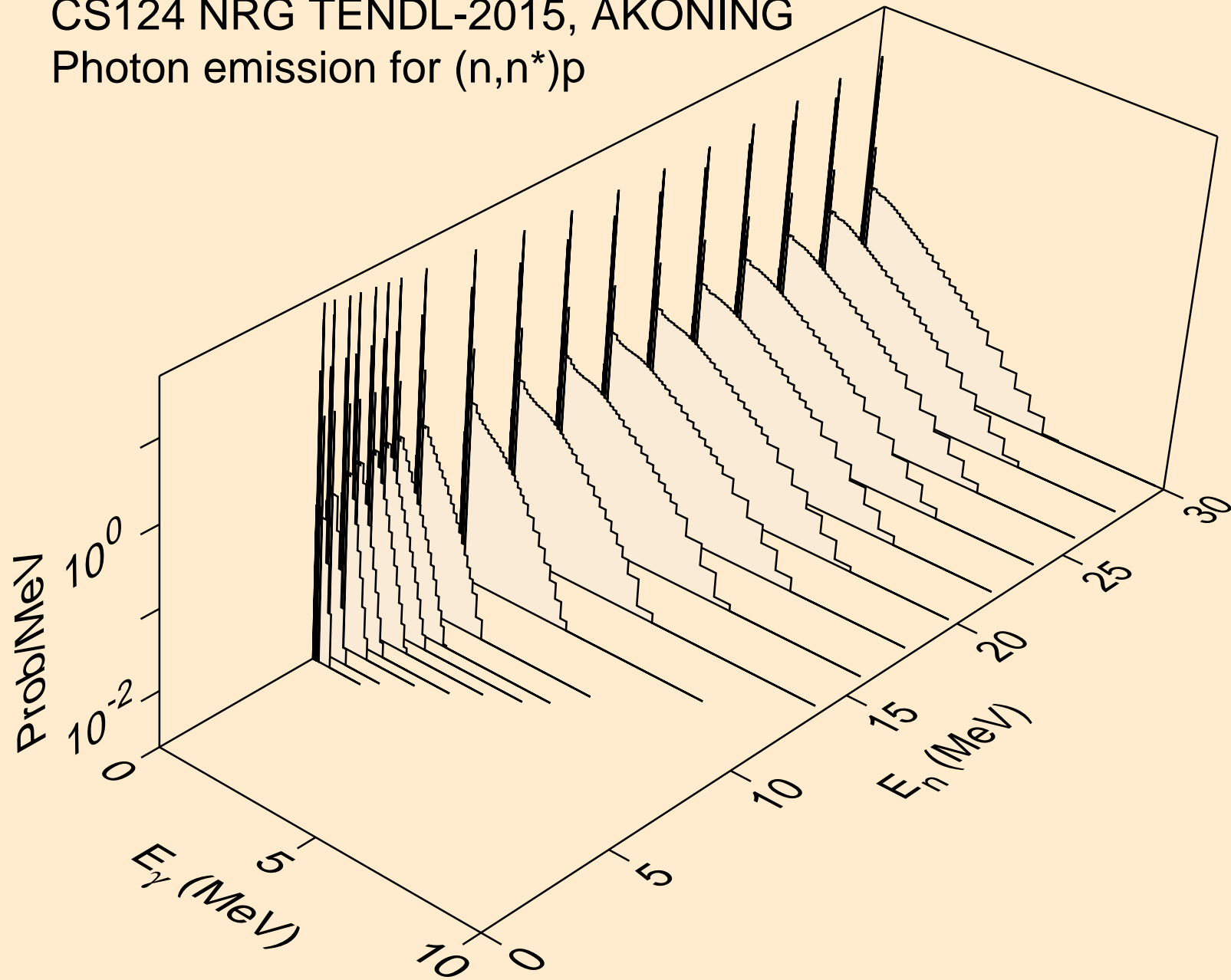


CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

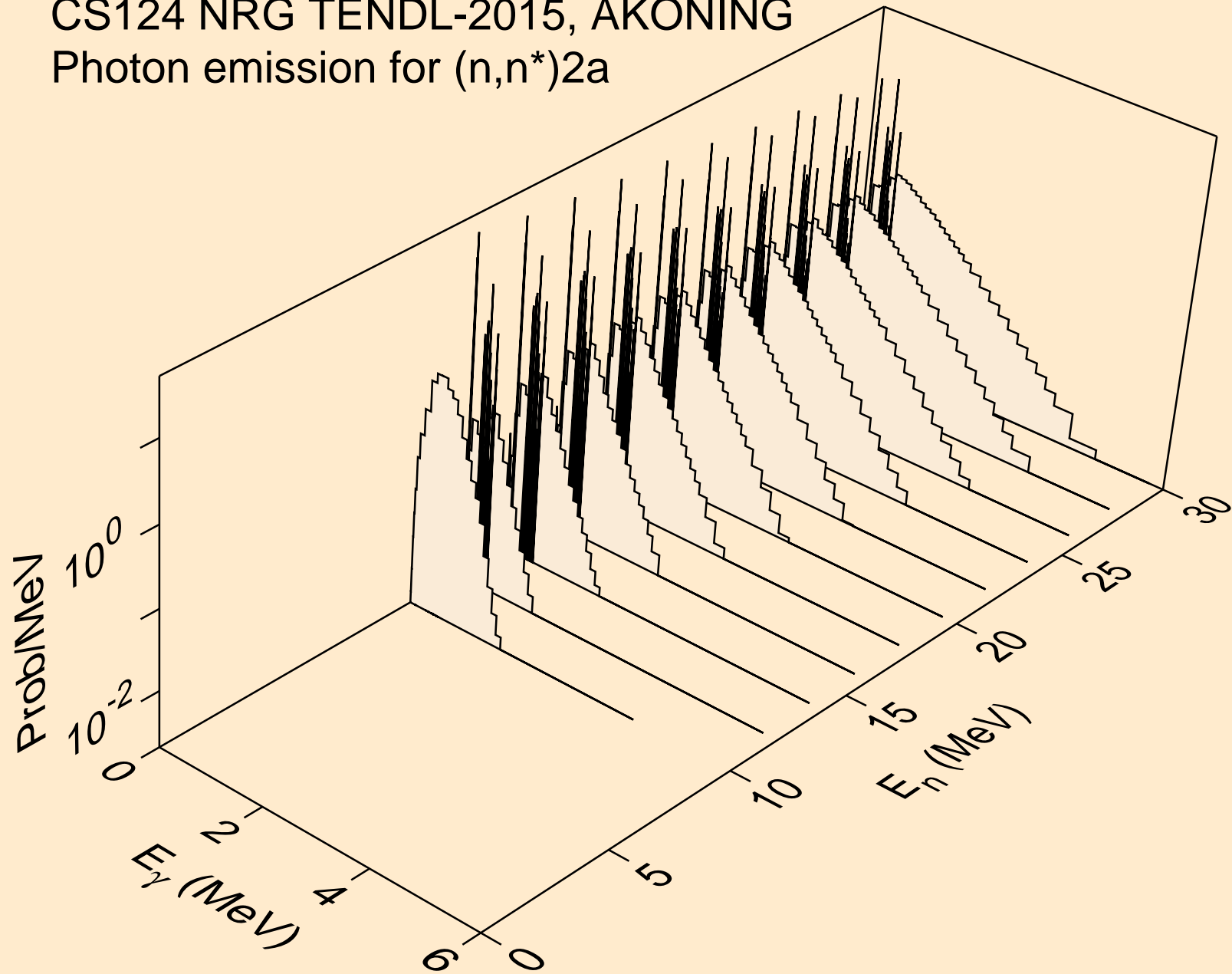


# CS124 NRG TENDL-2015, AKONING

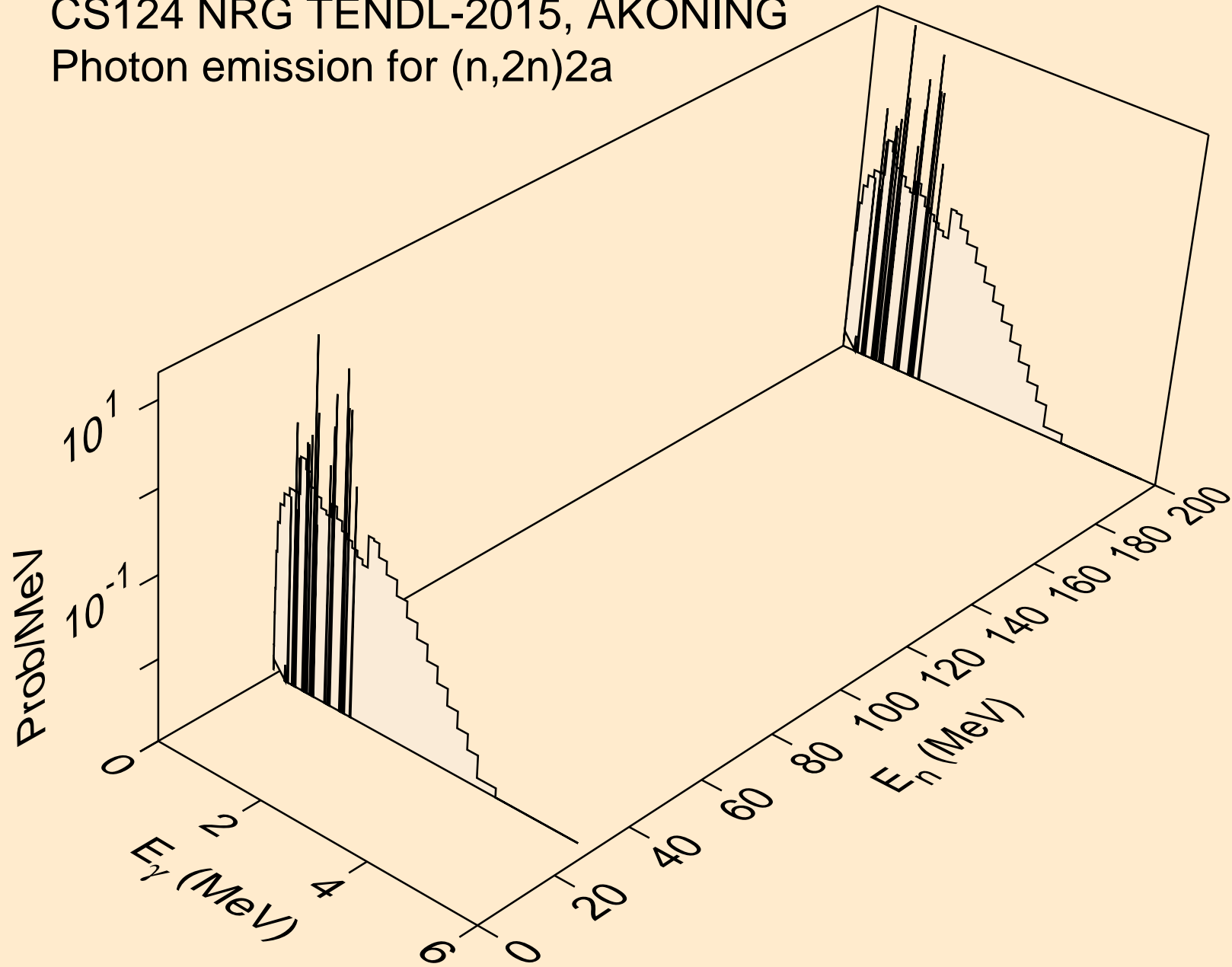
Photon emission for (n,n\*)p



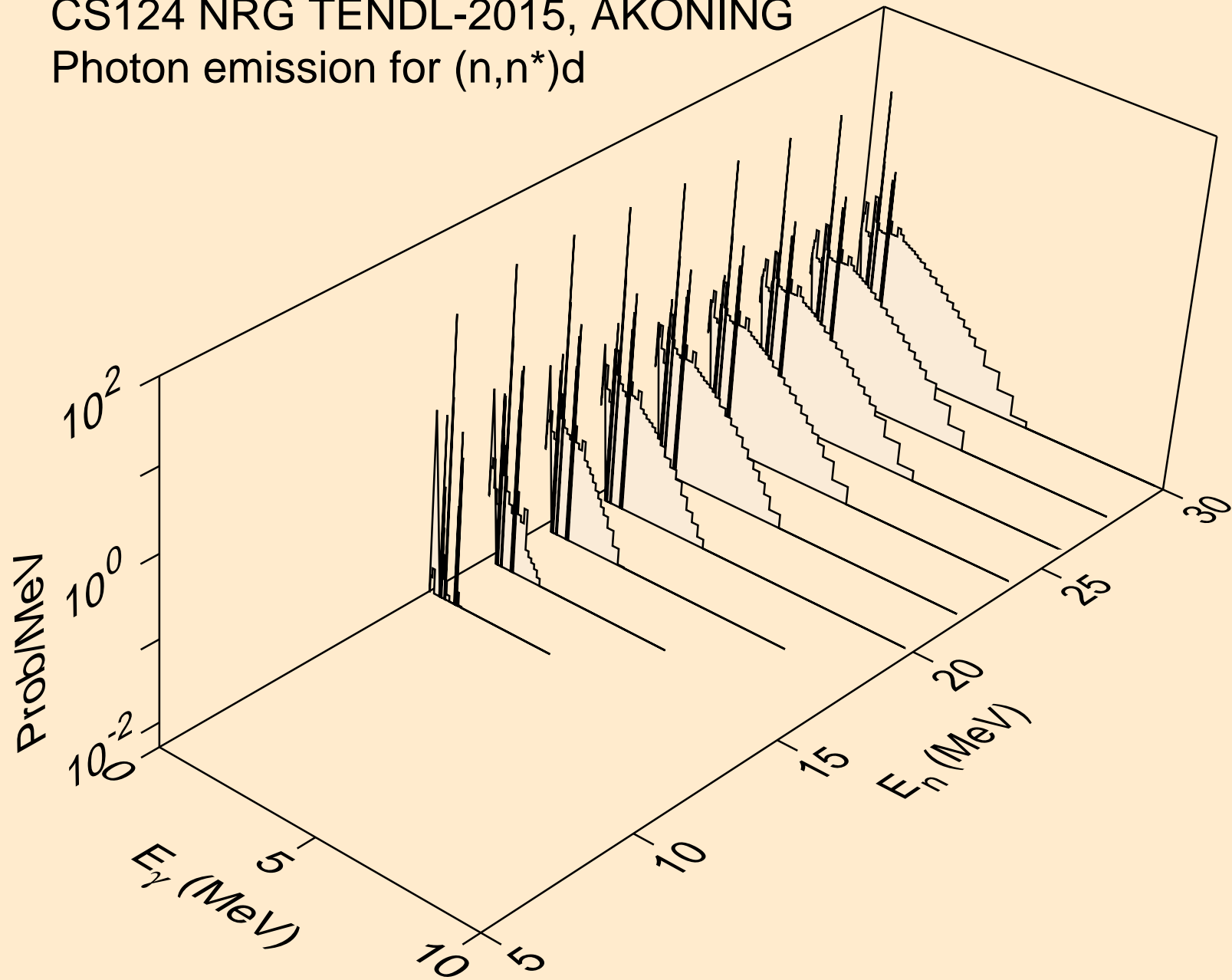
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



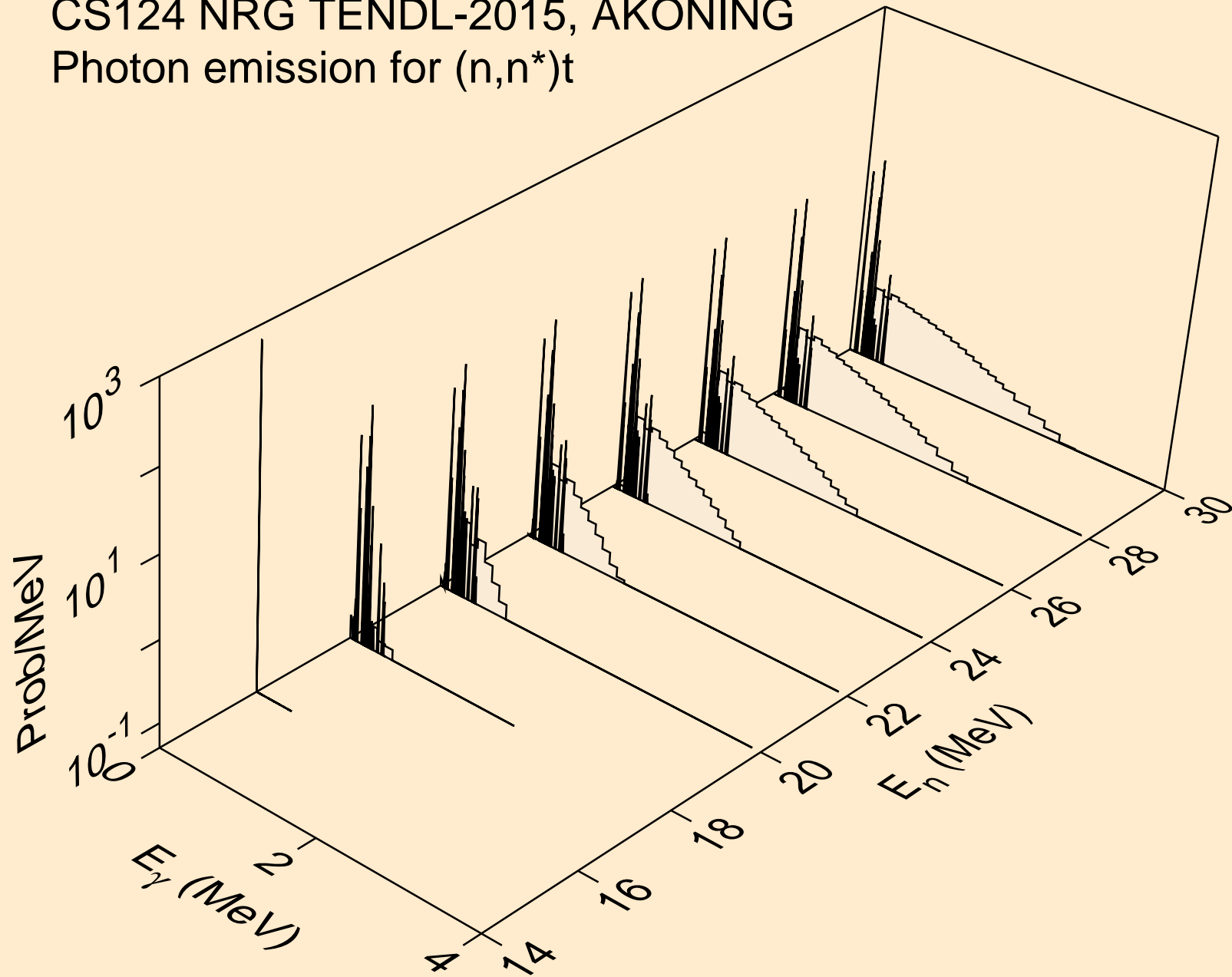
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



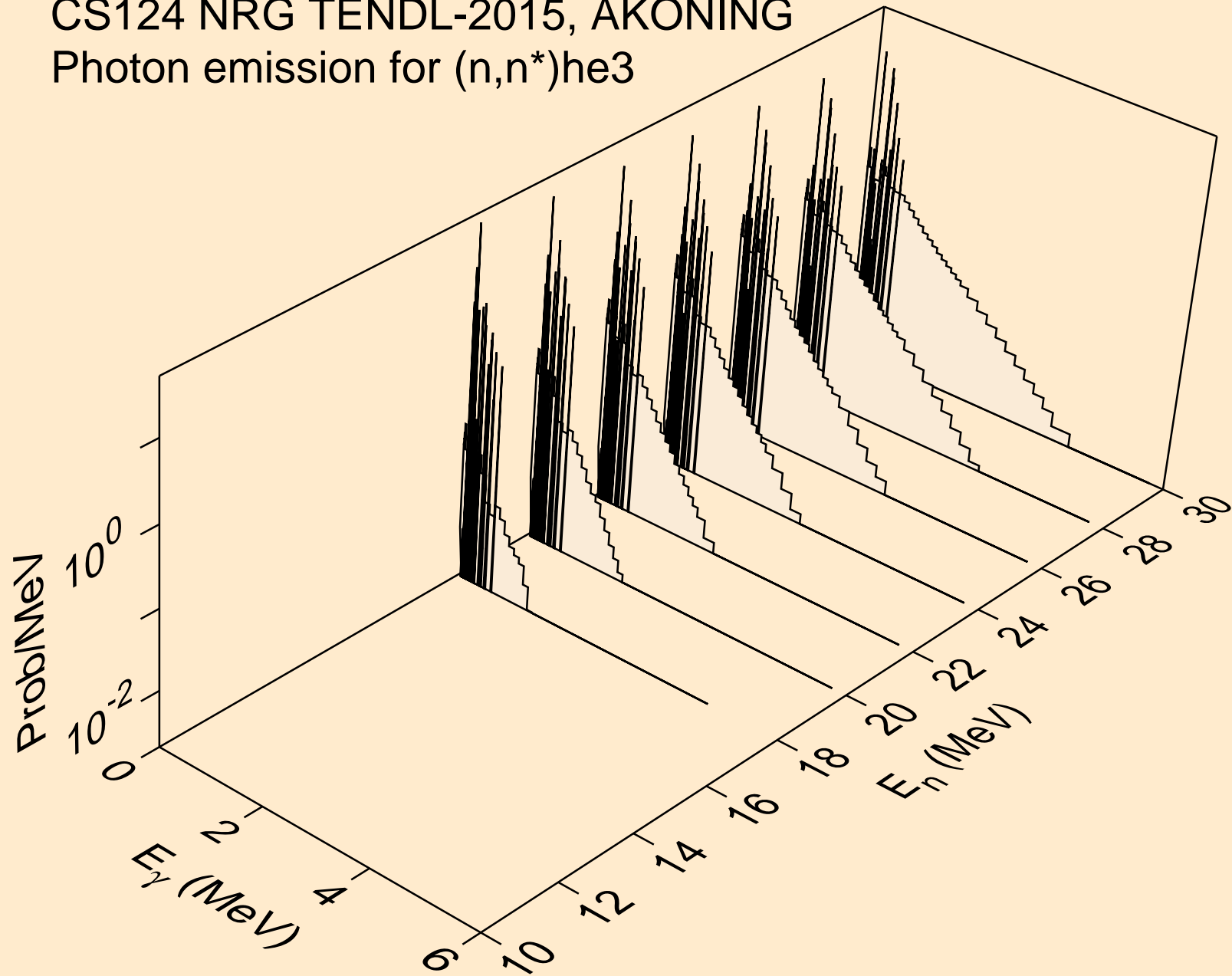
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

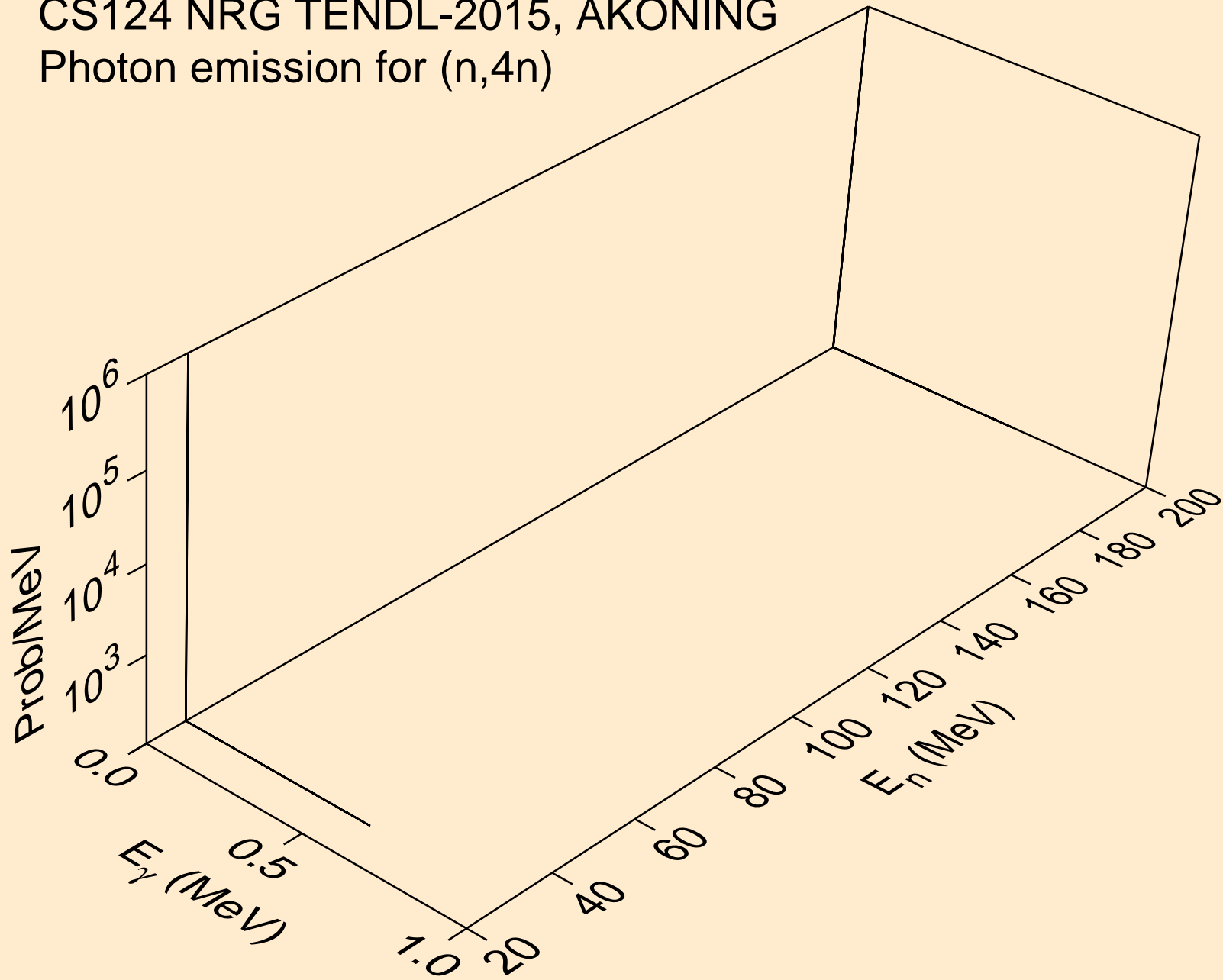


CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

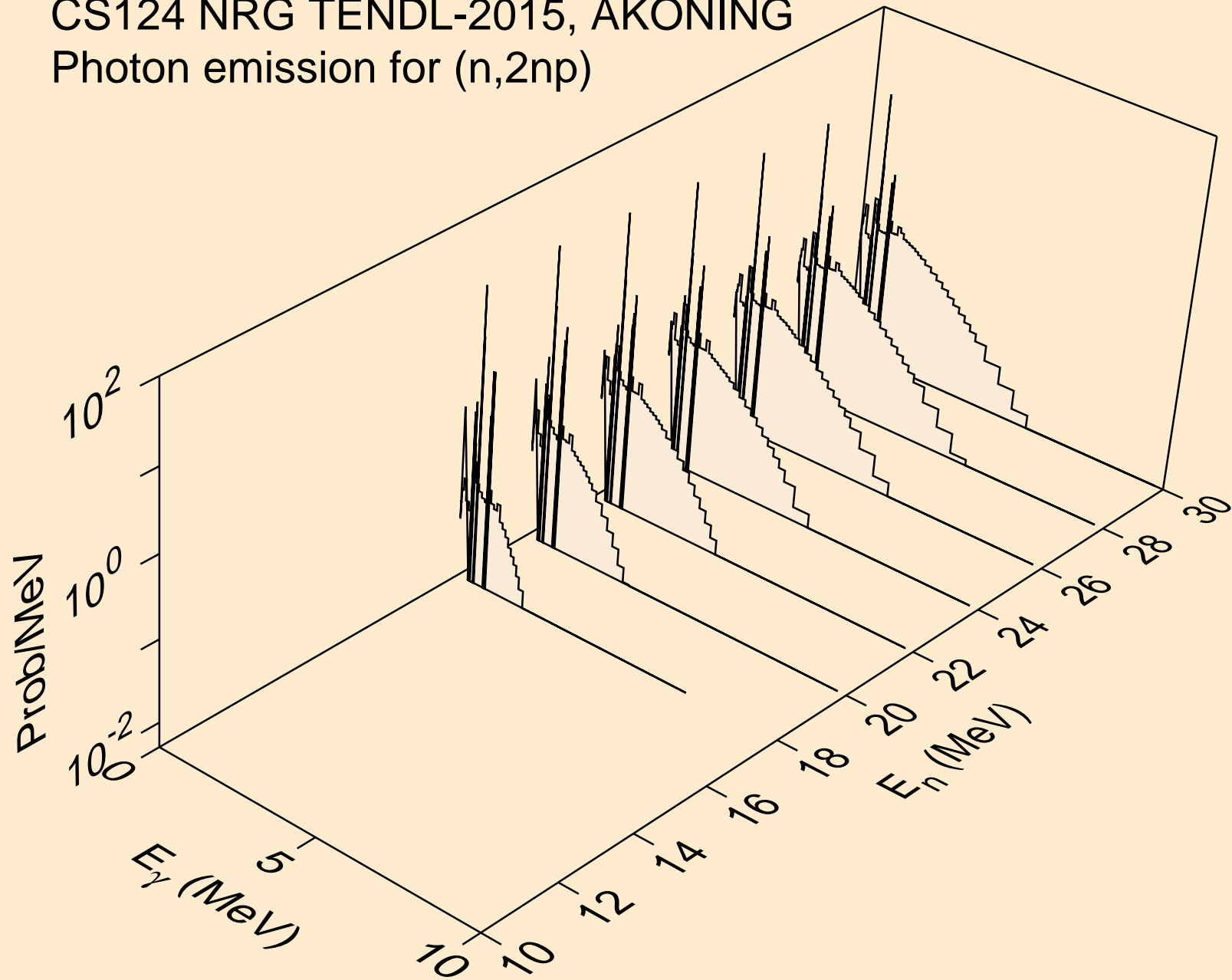




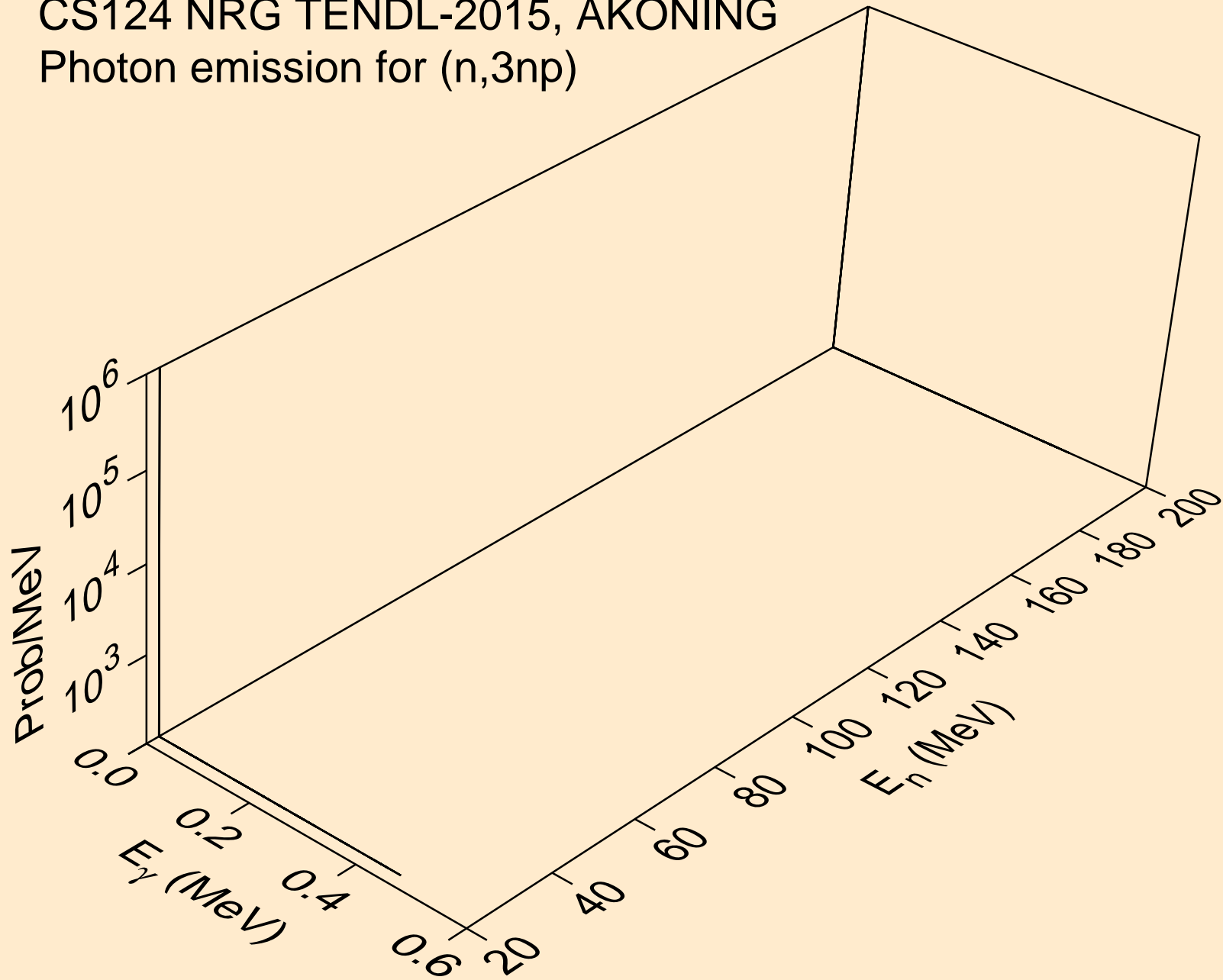
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



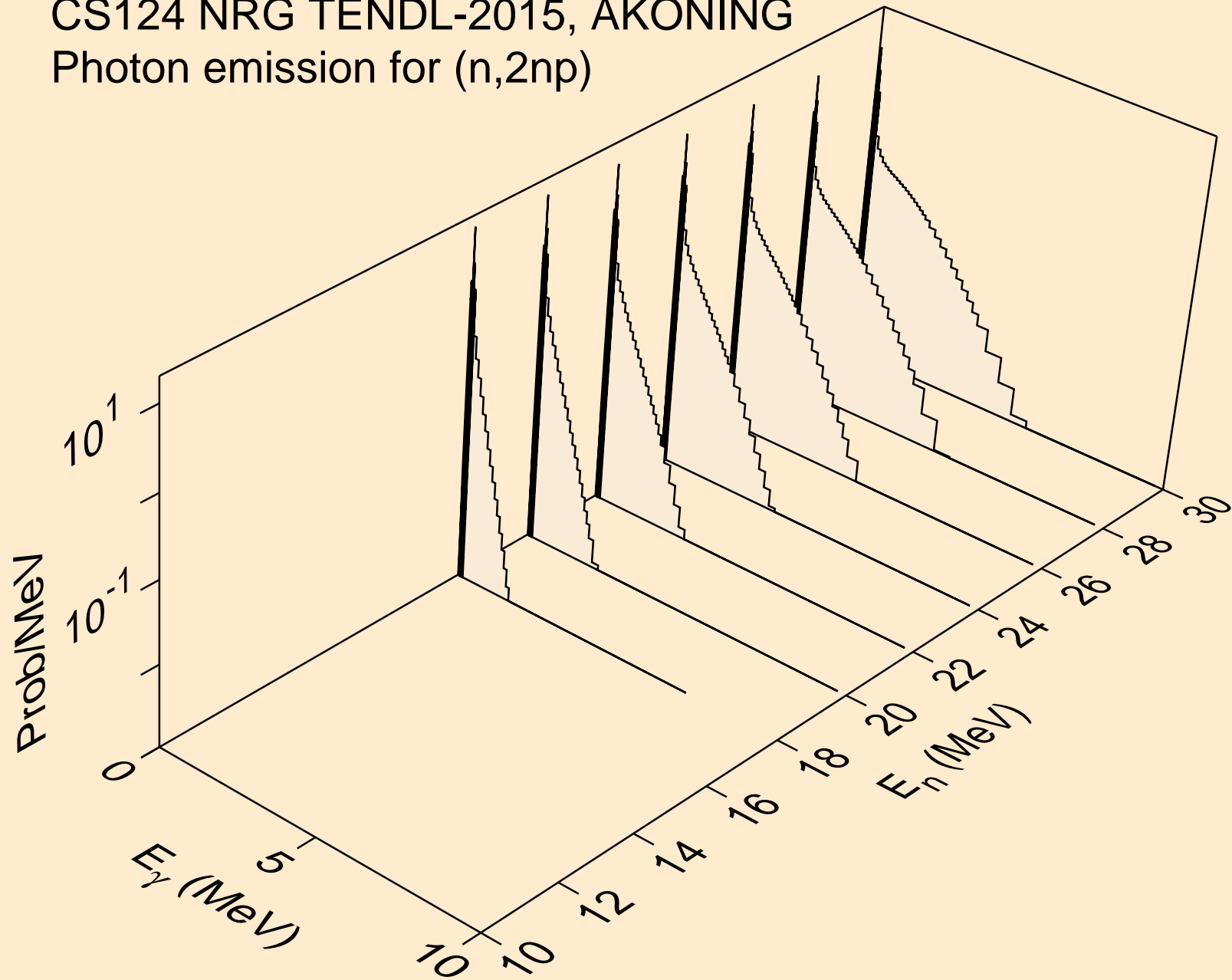
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



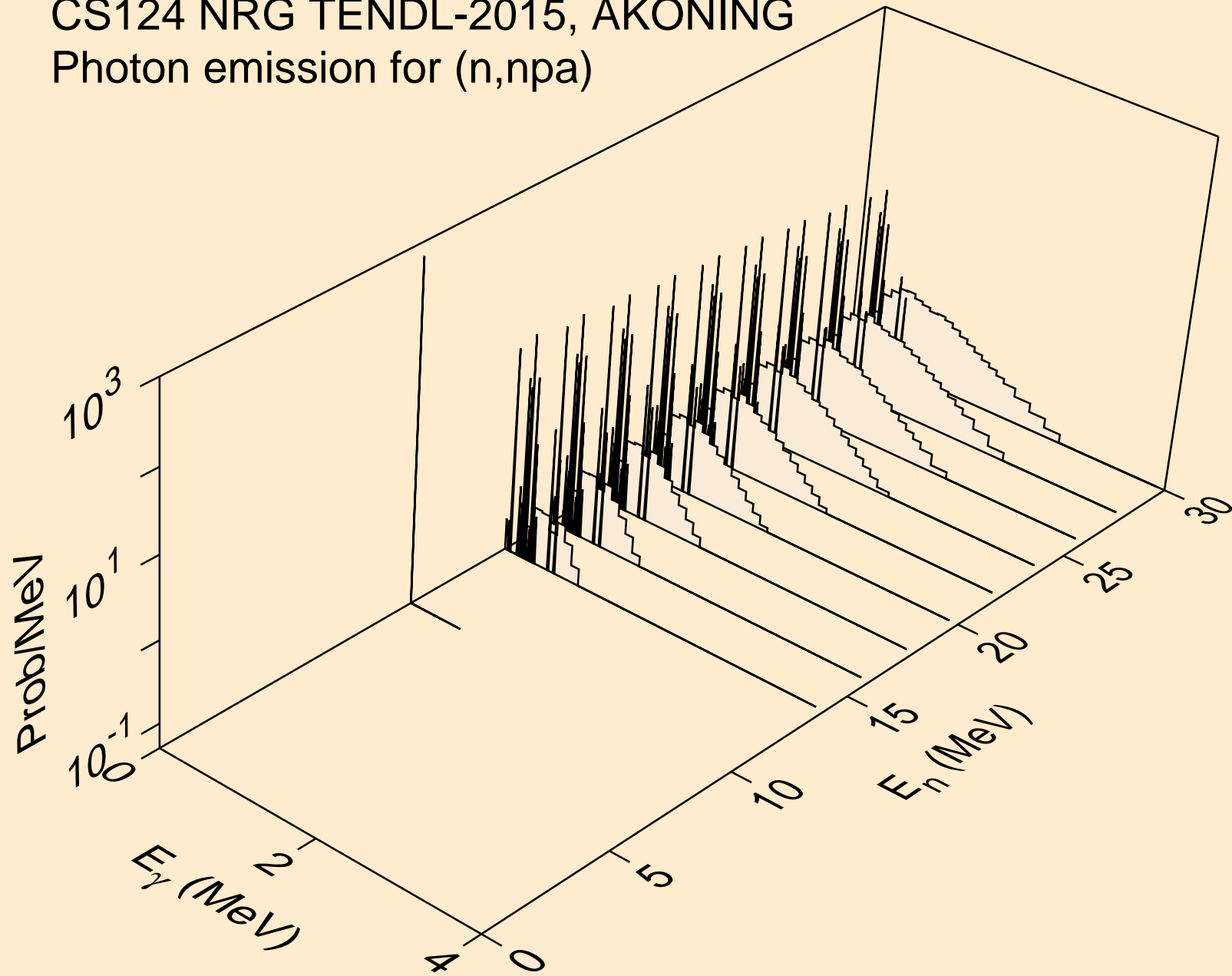
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



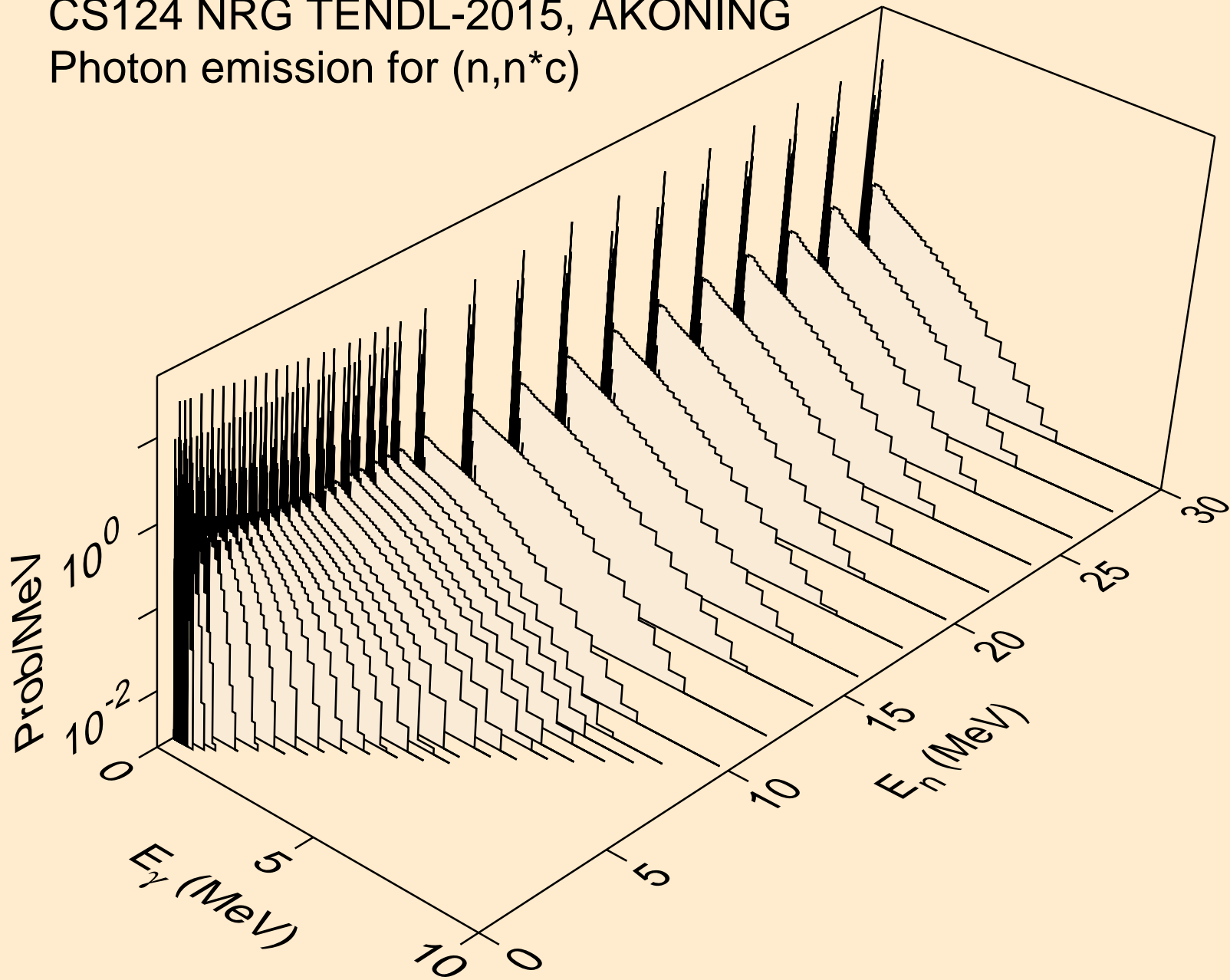
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



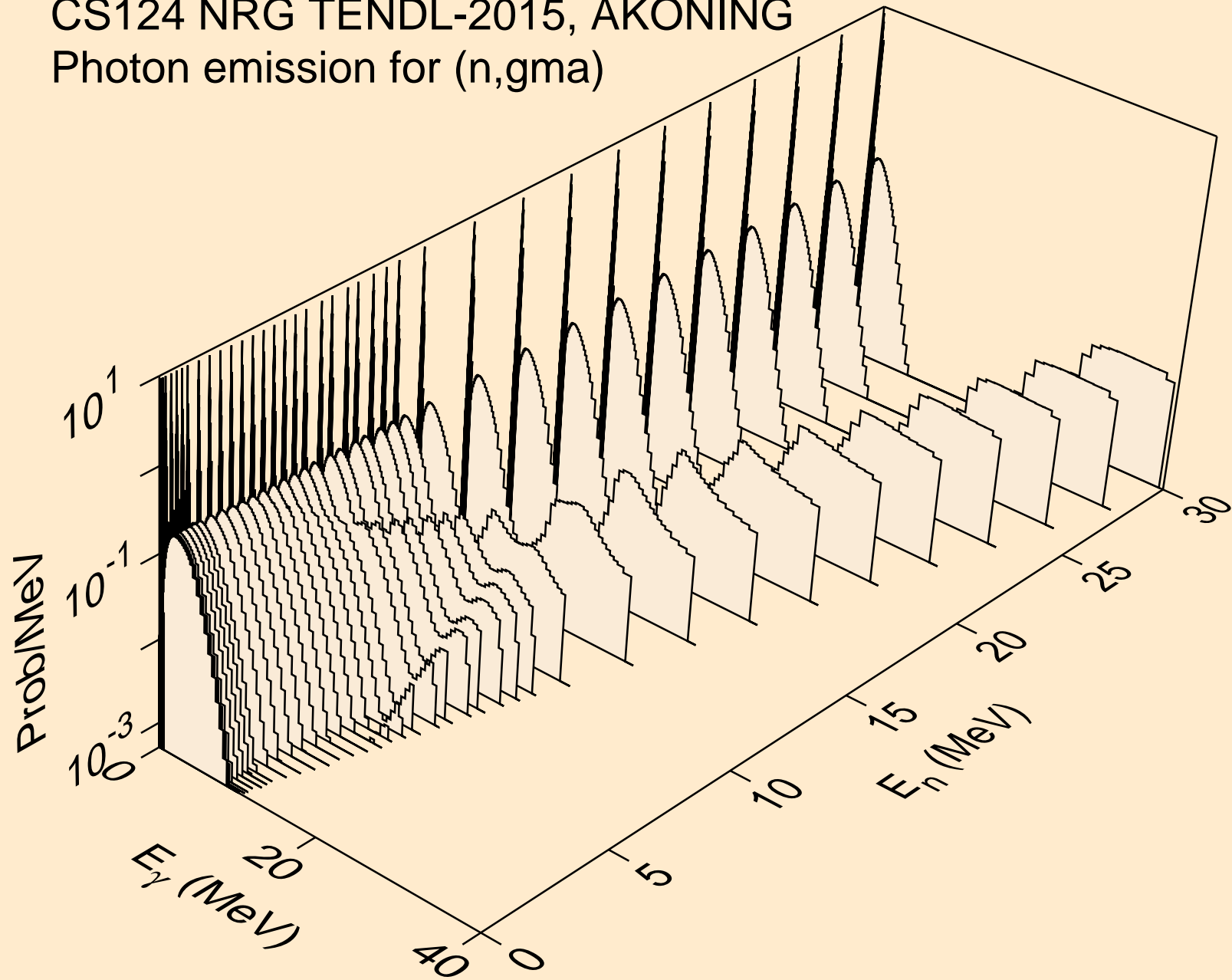
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



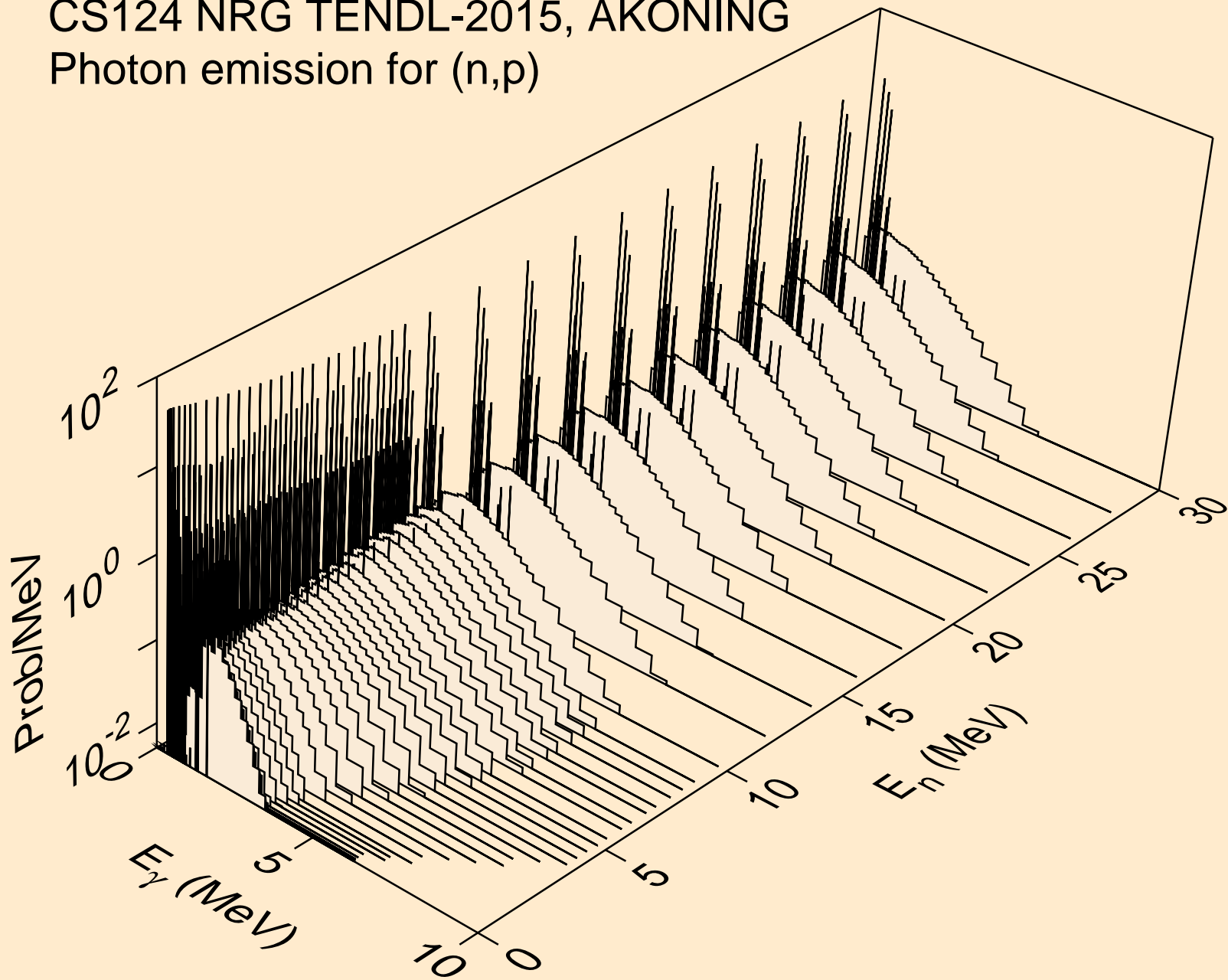
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

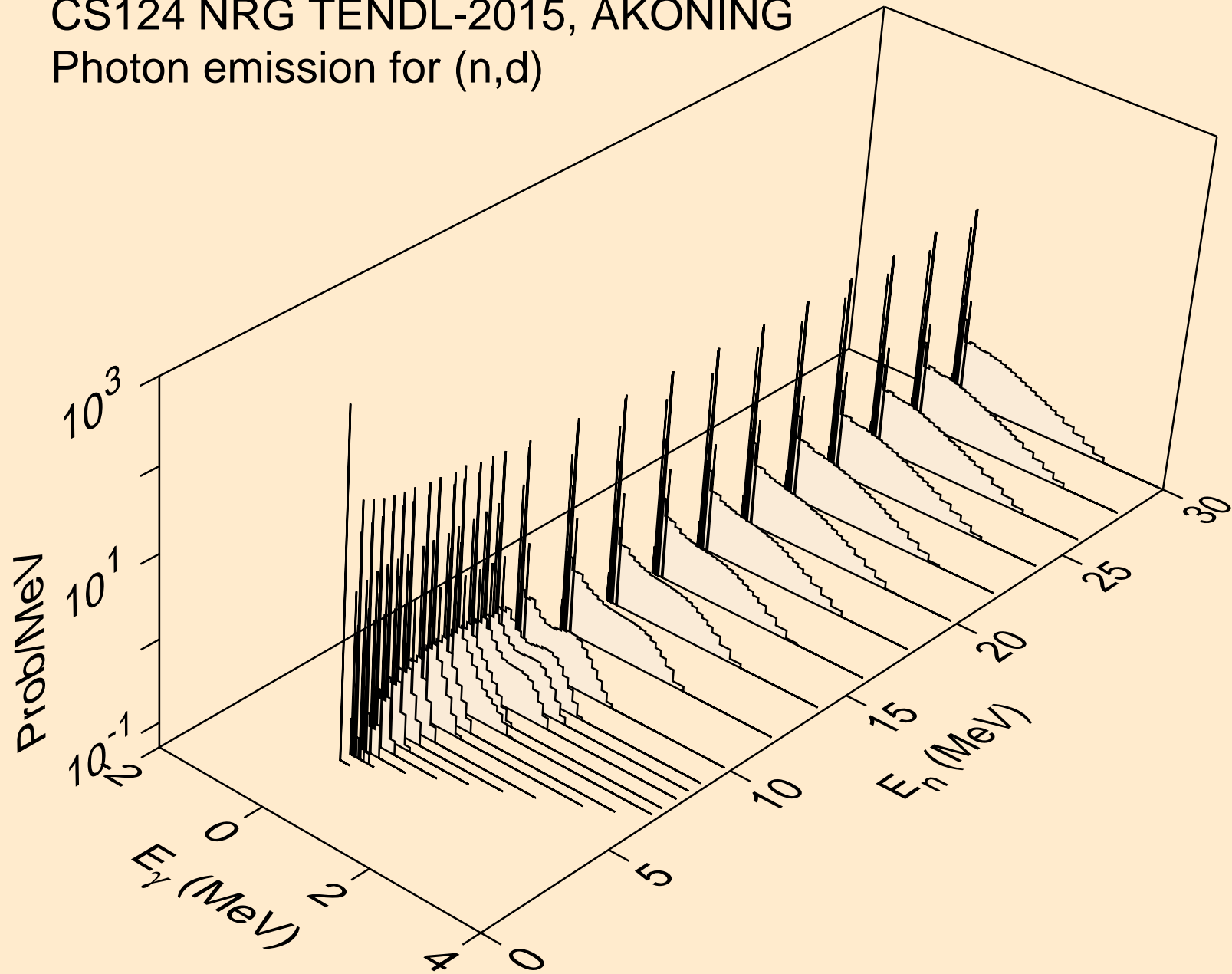


CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

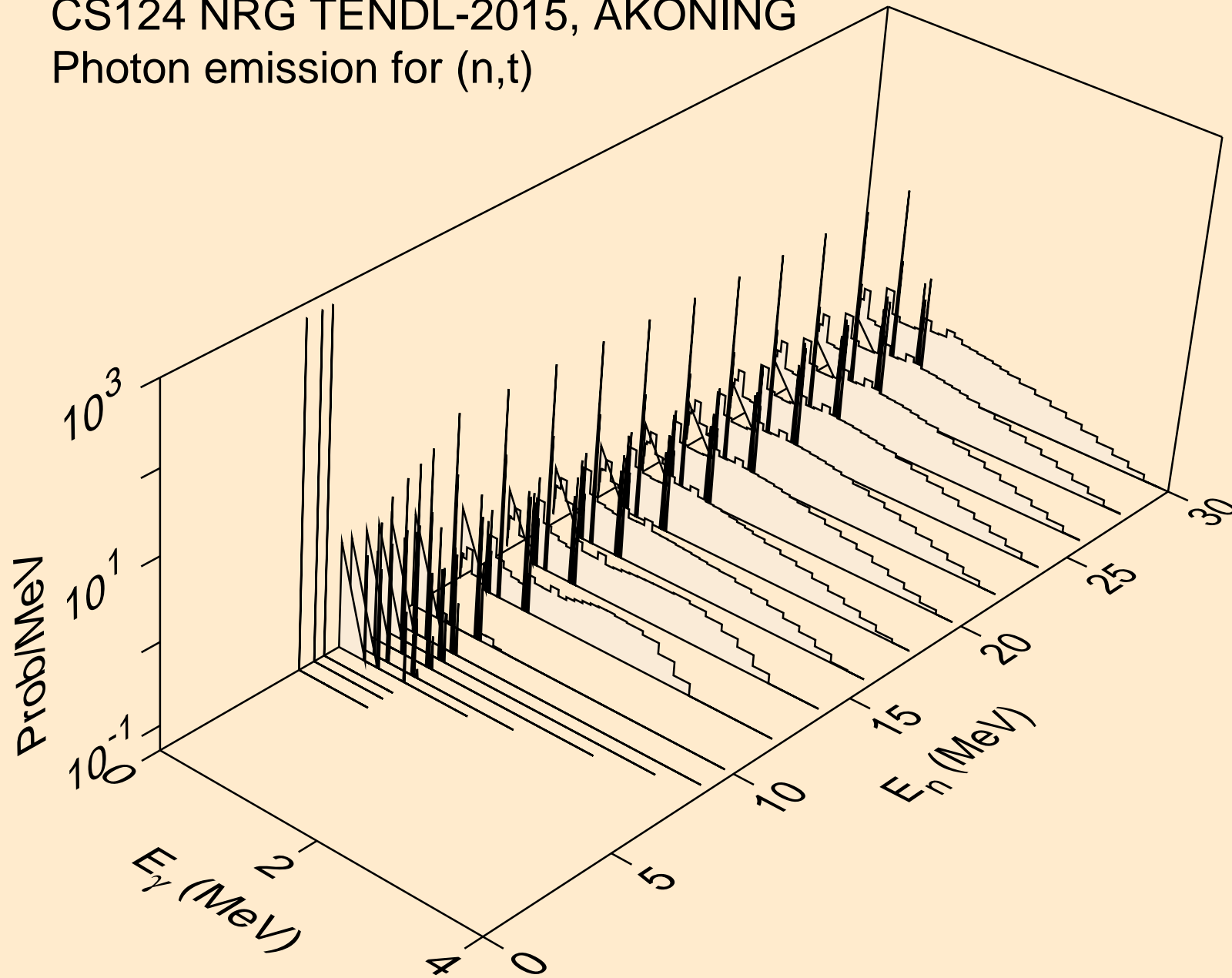




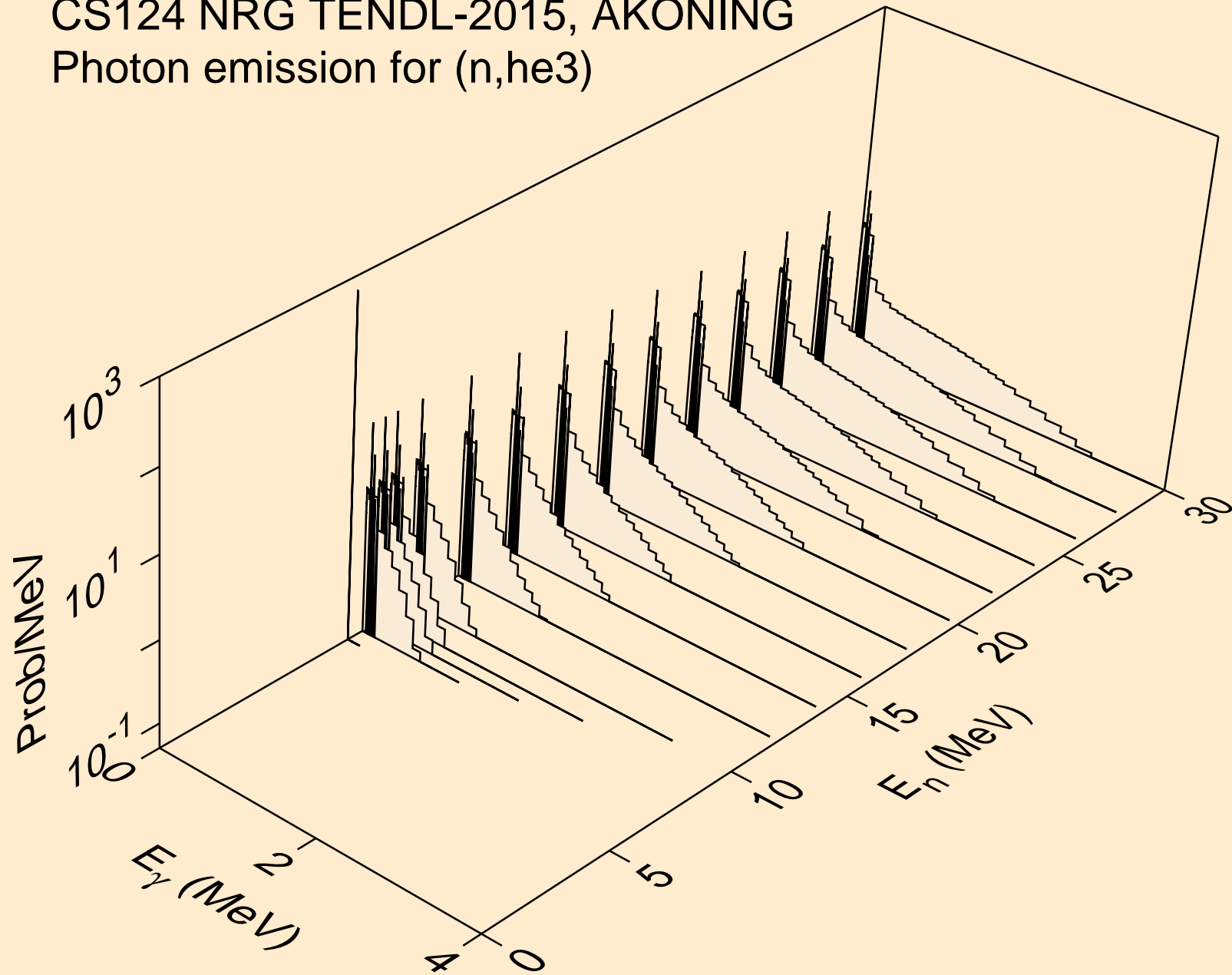
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



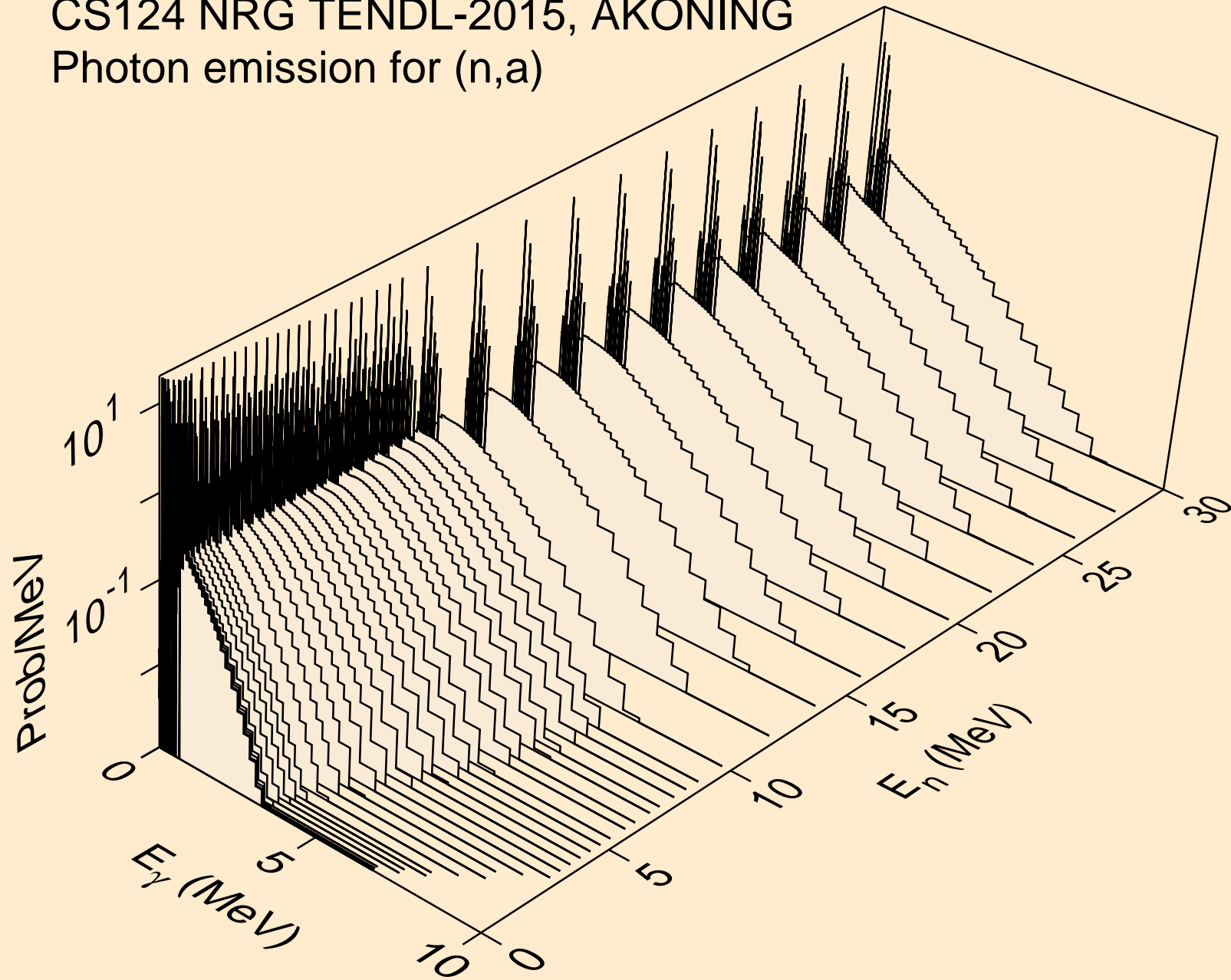
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



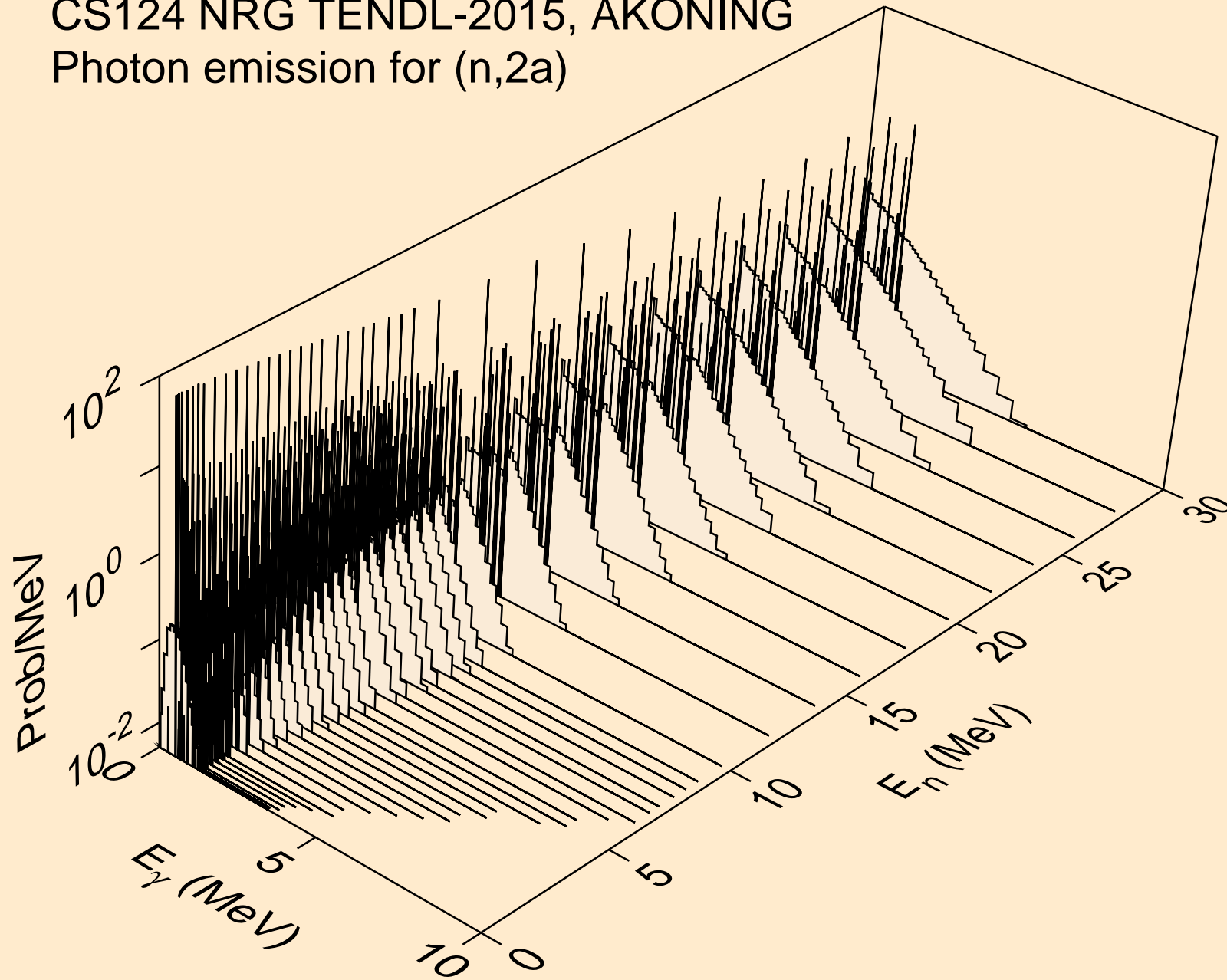
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



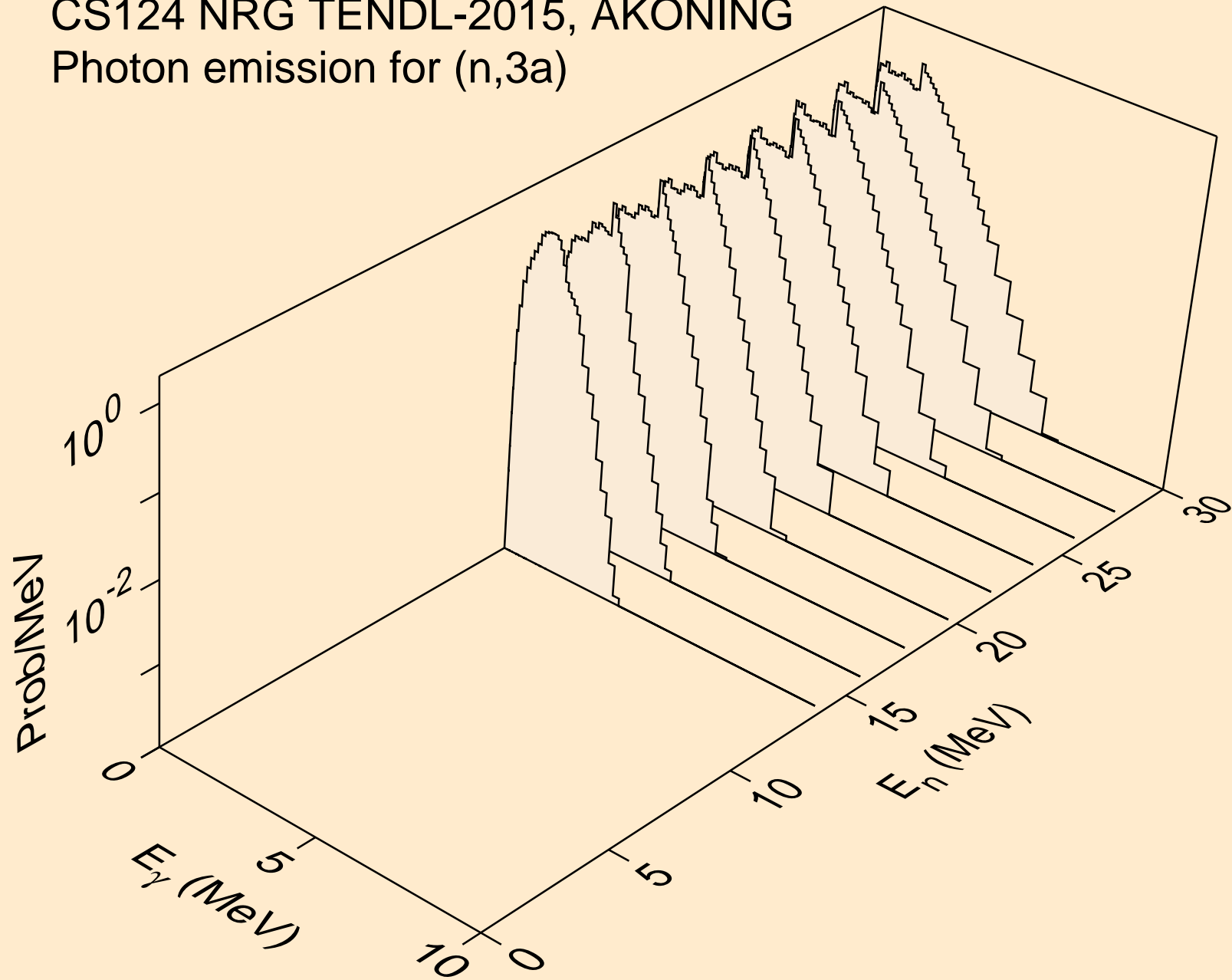
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



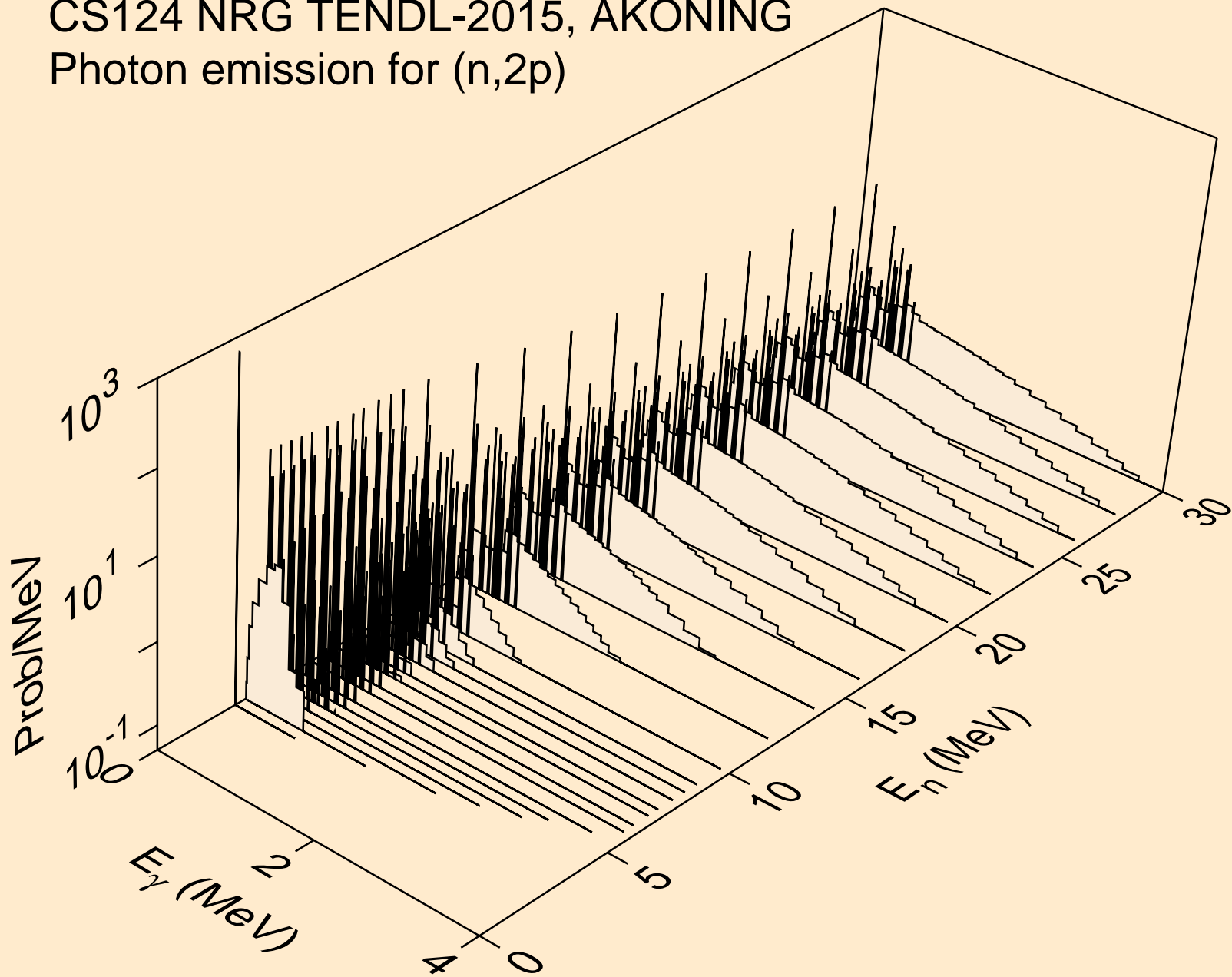
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



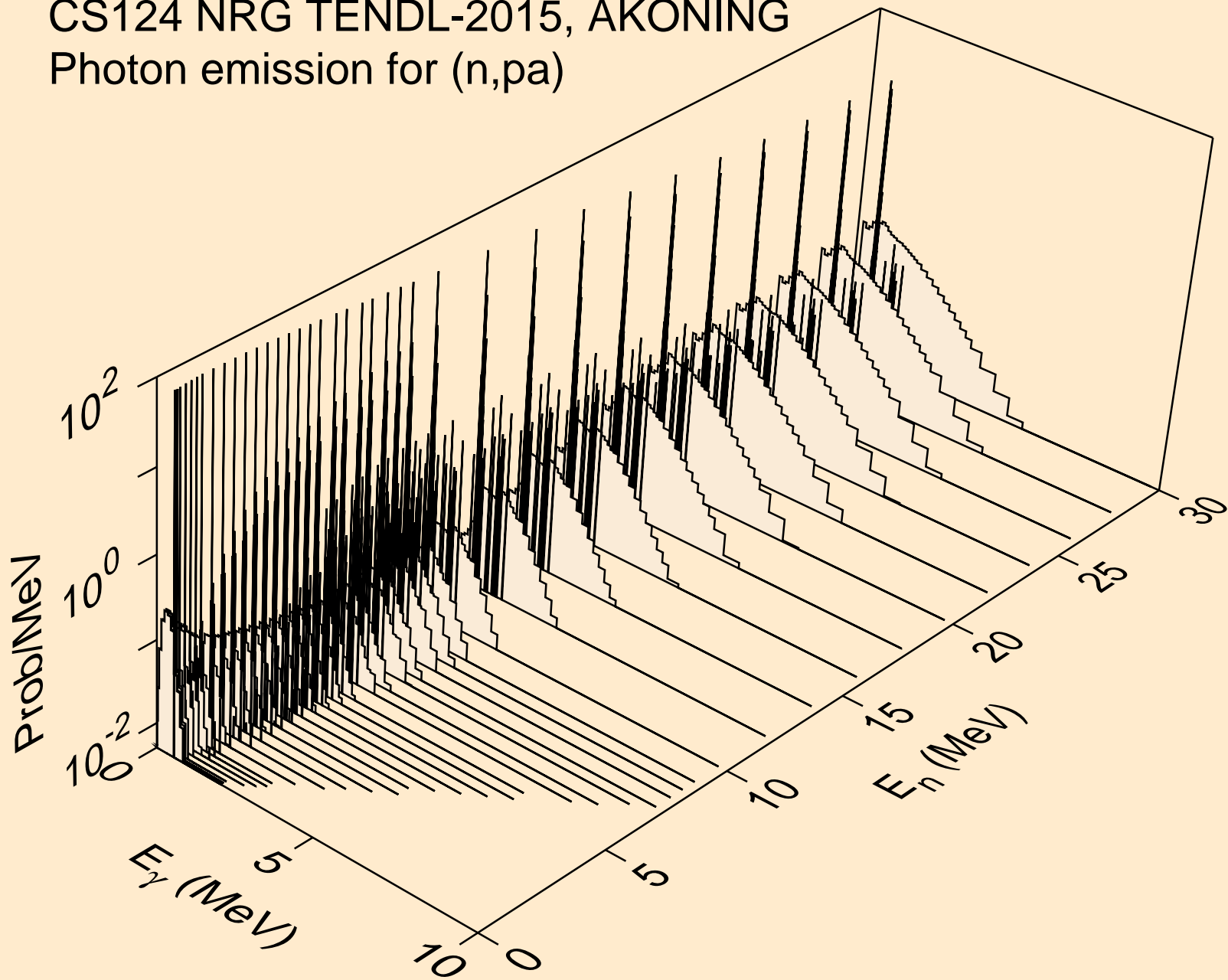
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

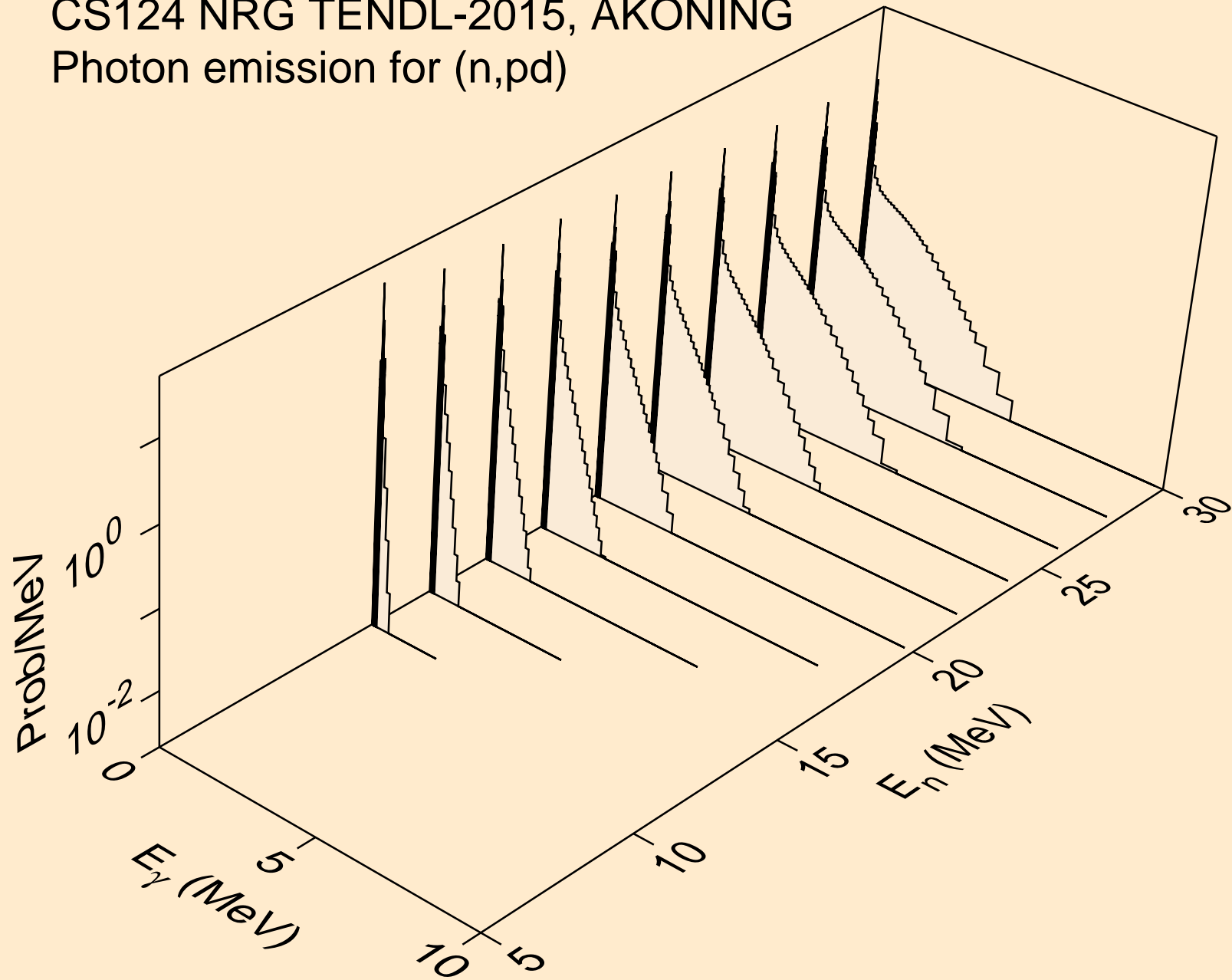


CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

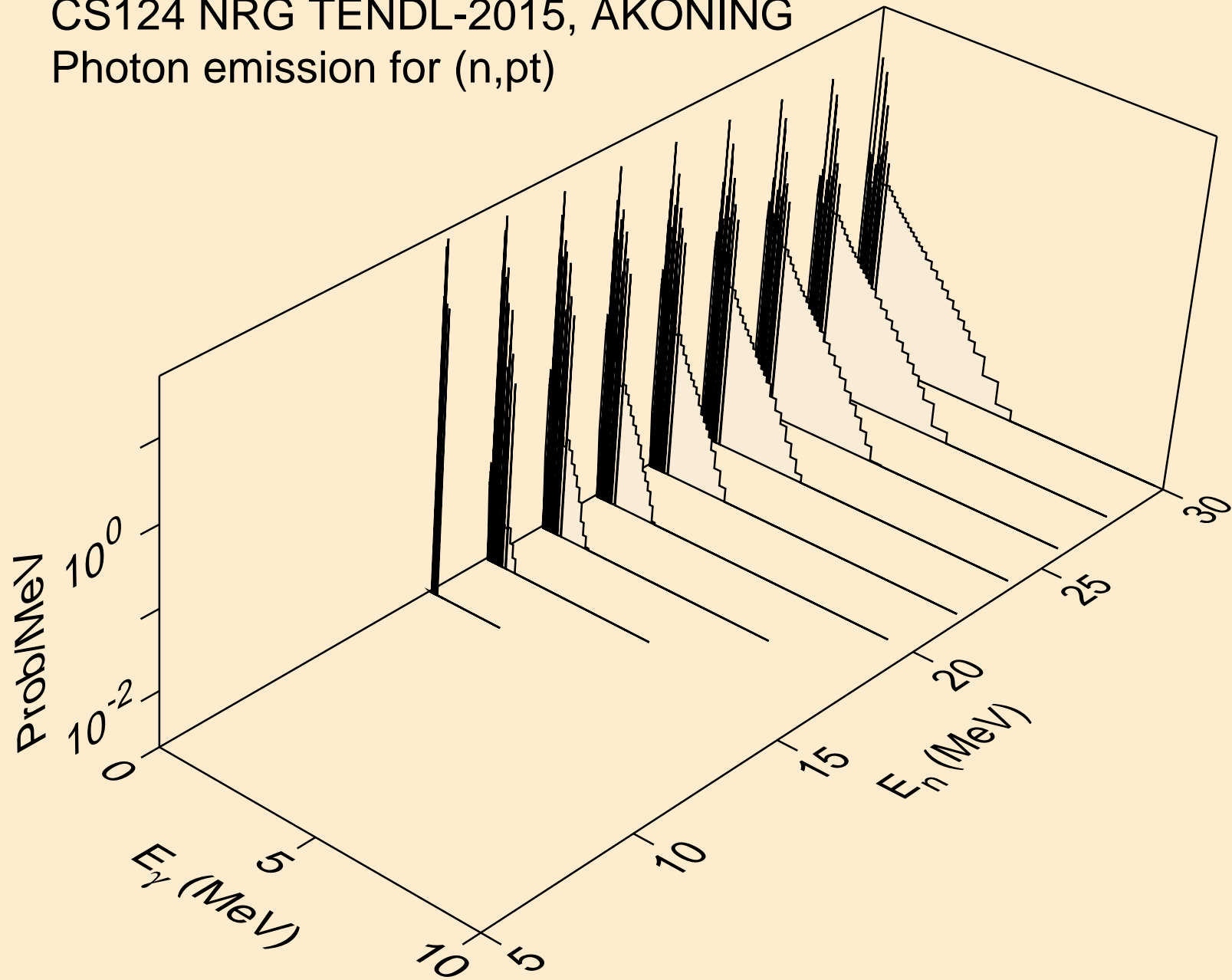




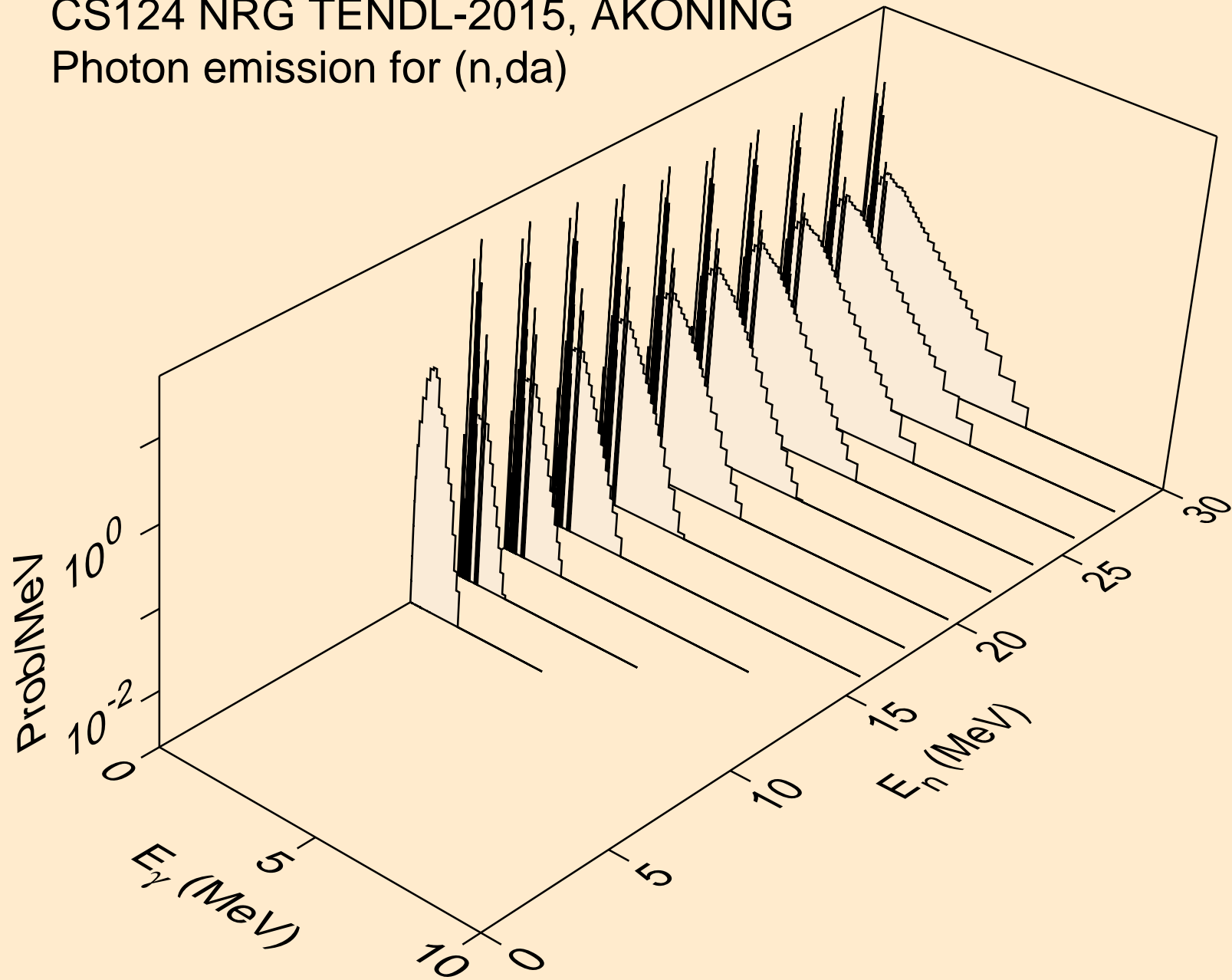
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



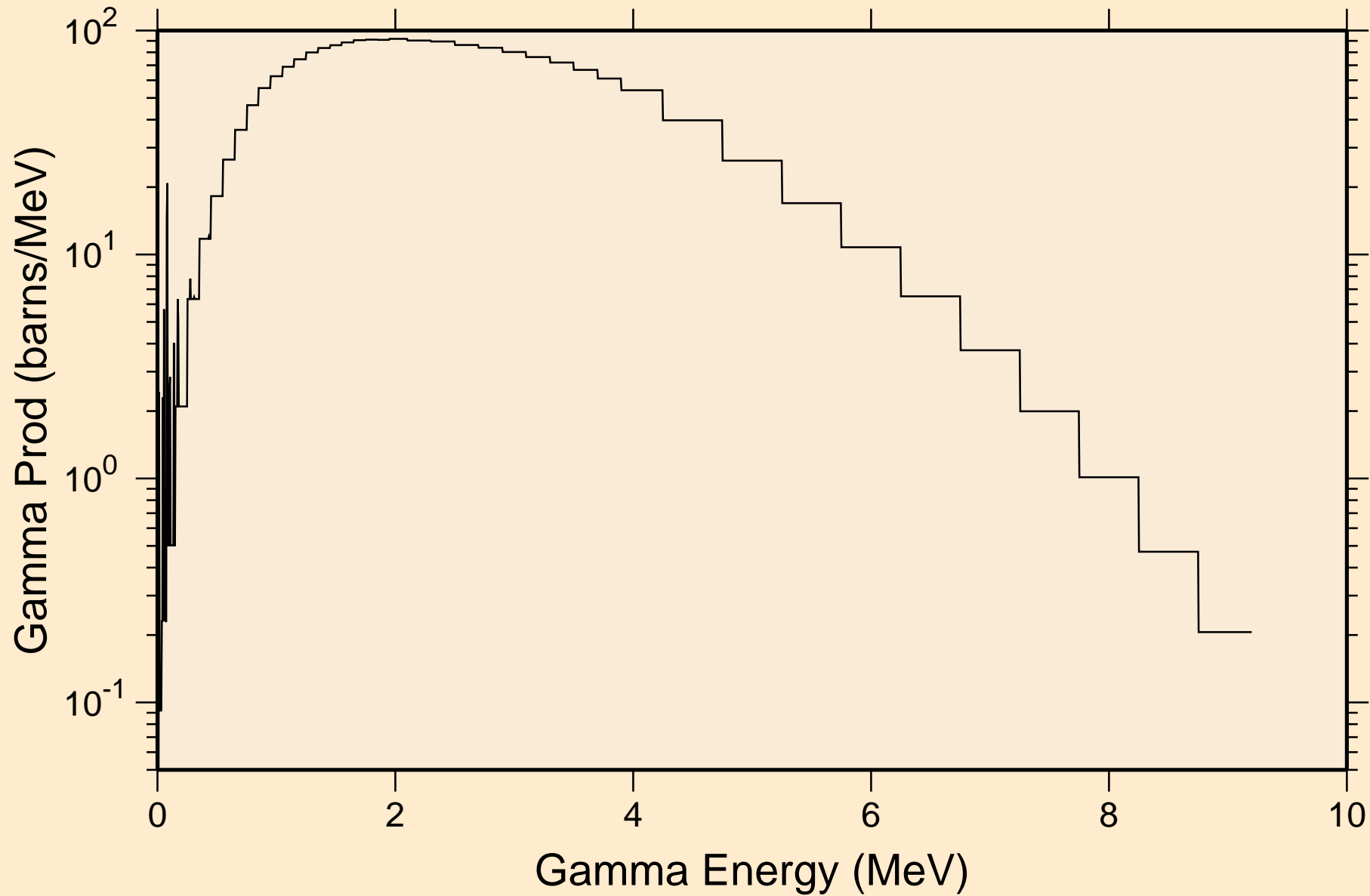
CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



CS124 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

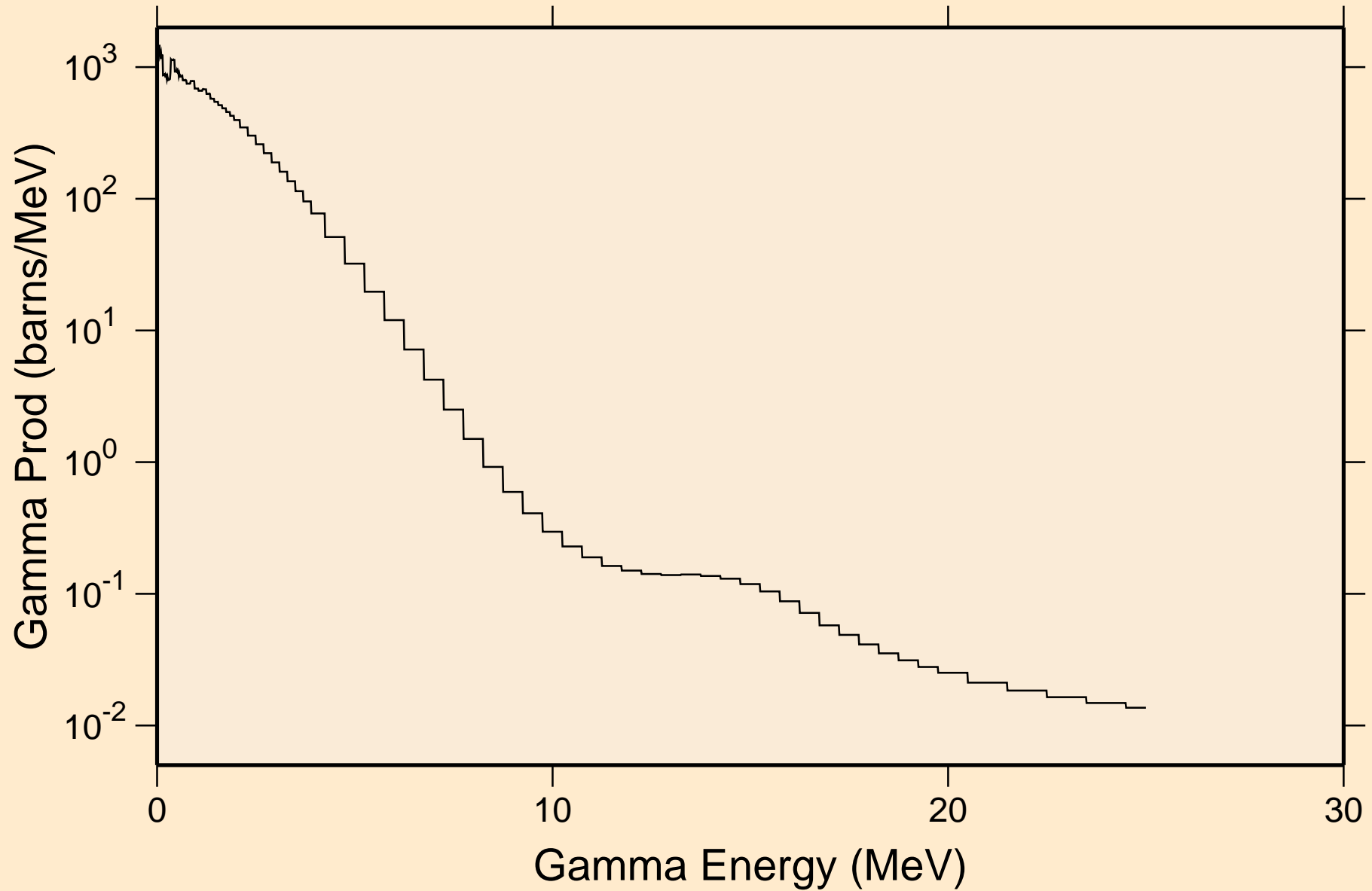


CS124 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



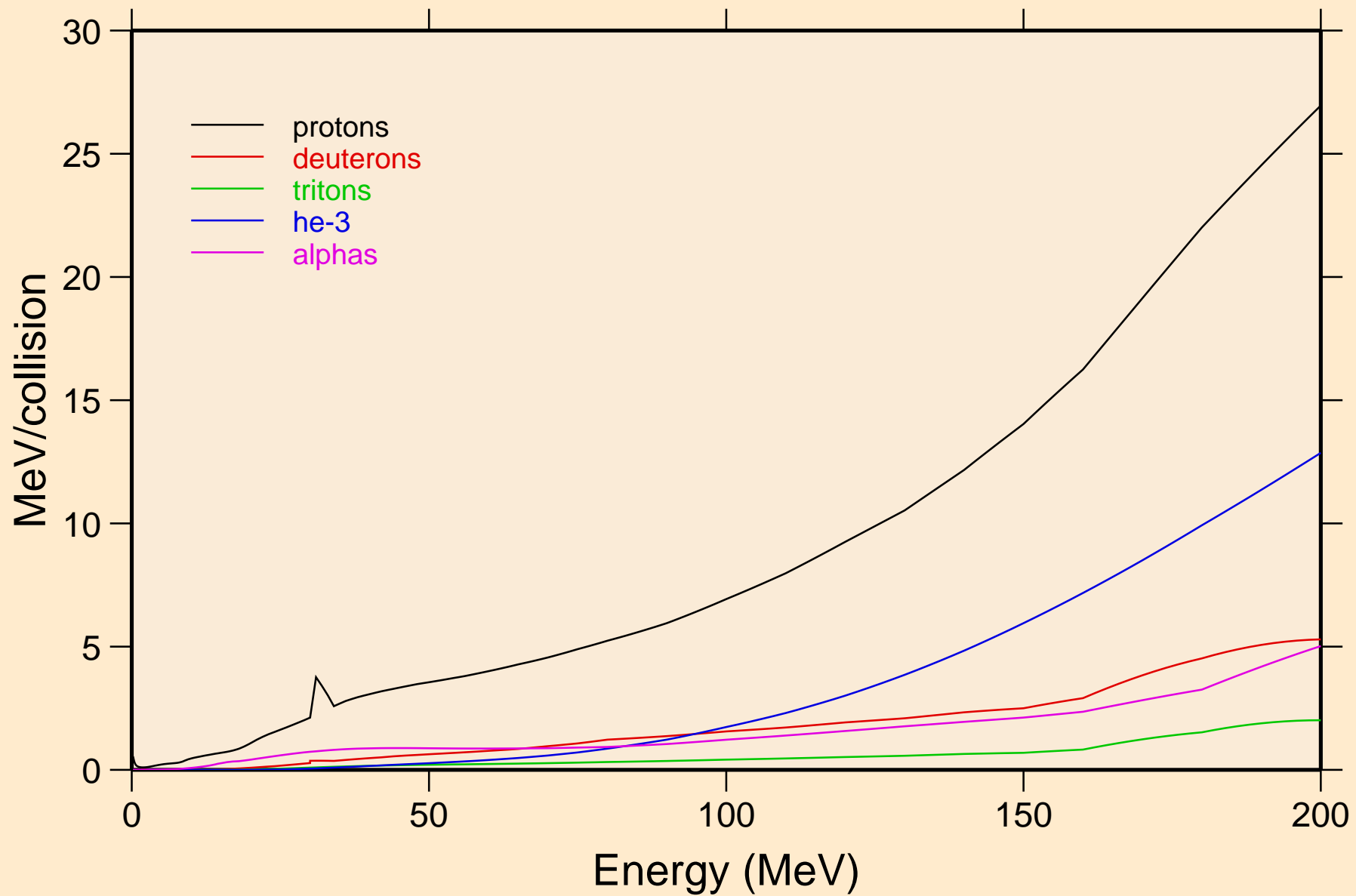
# CS124 NRG TENDL-2015, AKONING

14 MeV photon spectrum



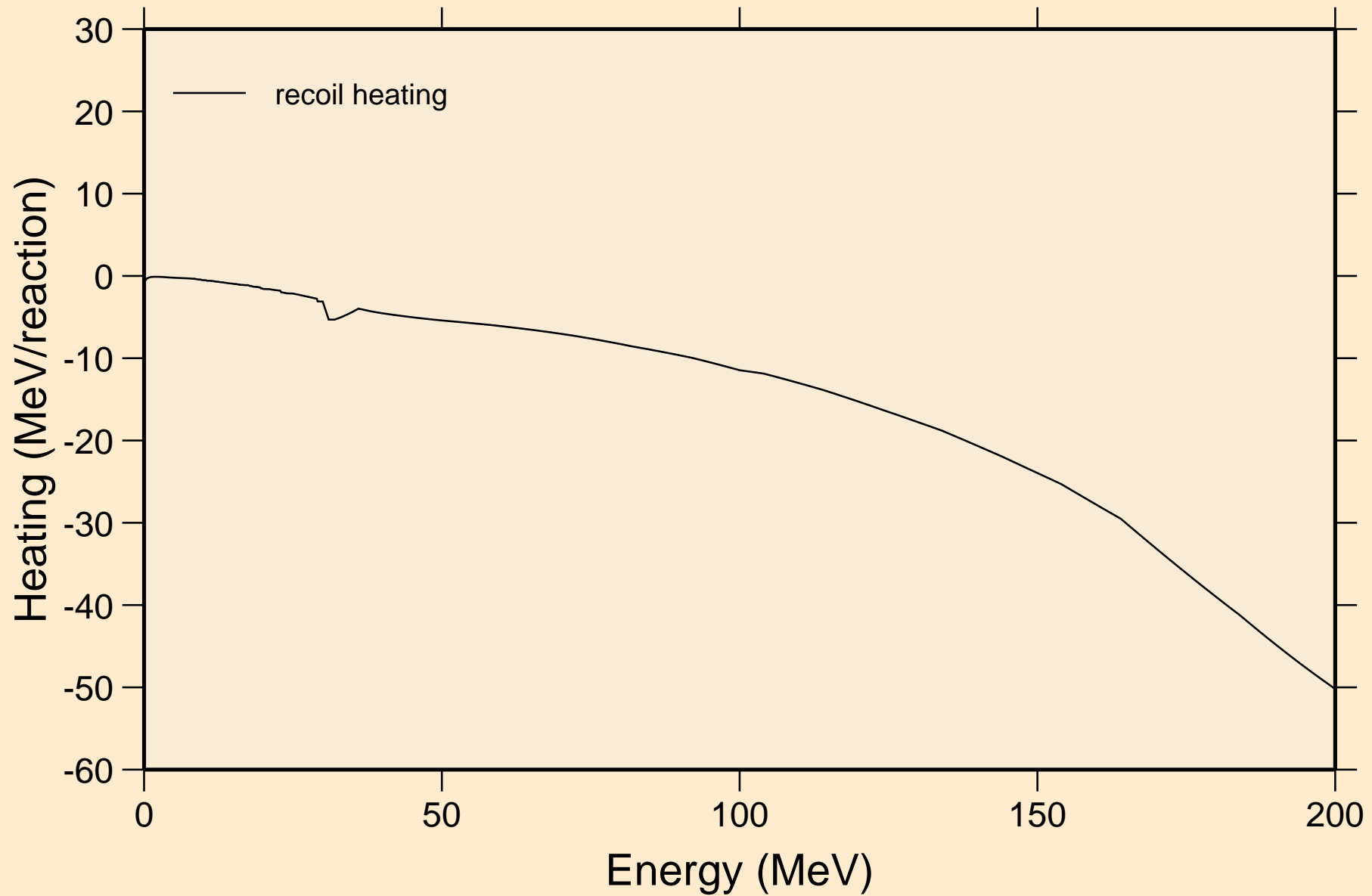
# CS124 NRG TENDL-2015, AKONING

## Particle heating contributions



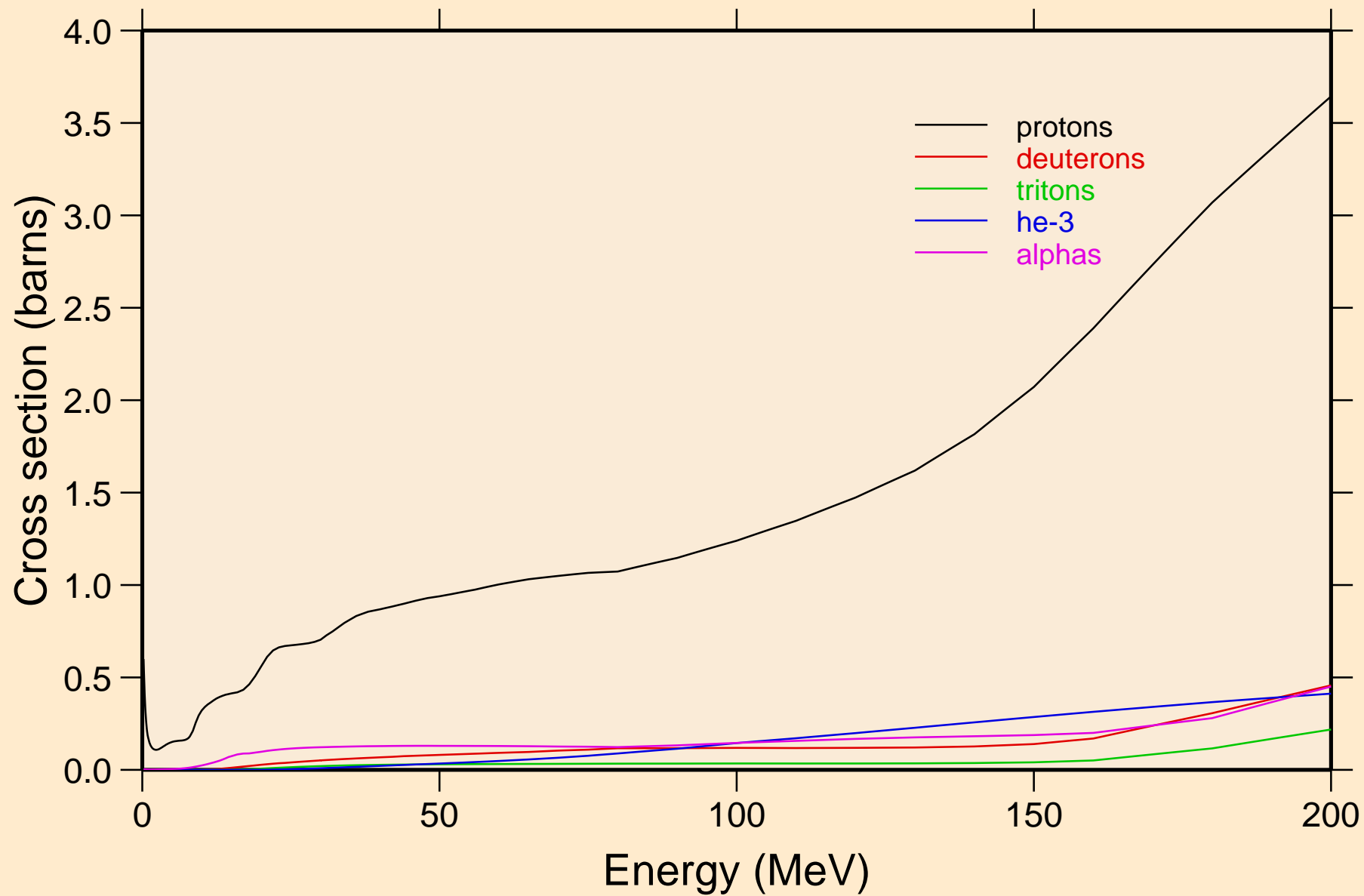
# CS124 NRG TENDL-2015, AKONING

## Recoil Heating



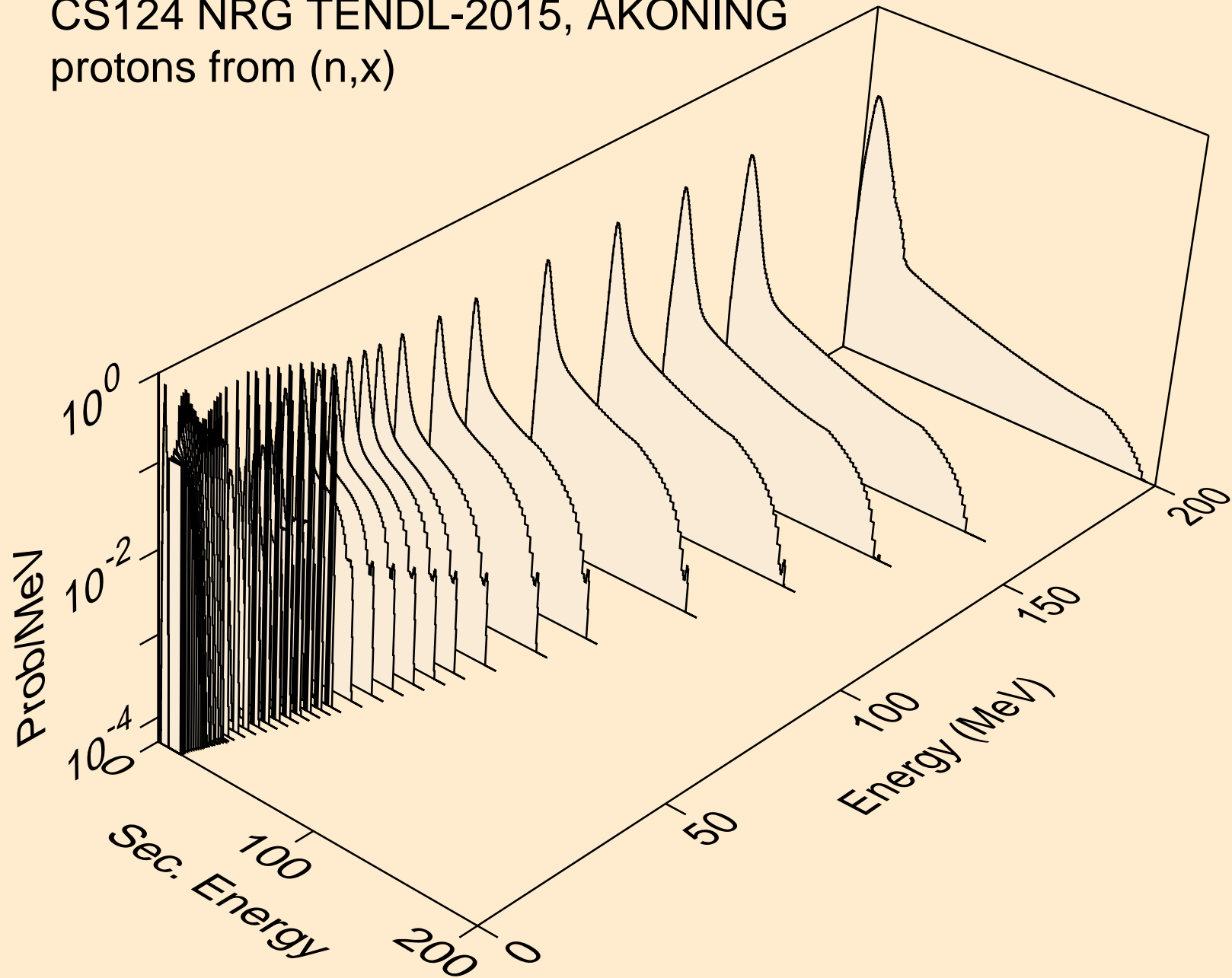
# CS124 NRG TENDL-2015, AKONING

## Particle production cross sections

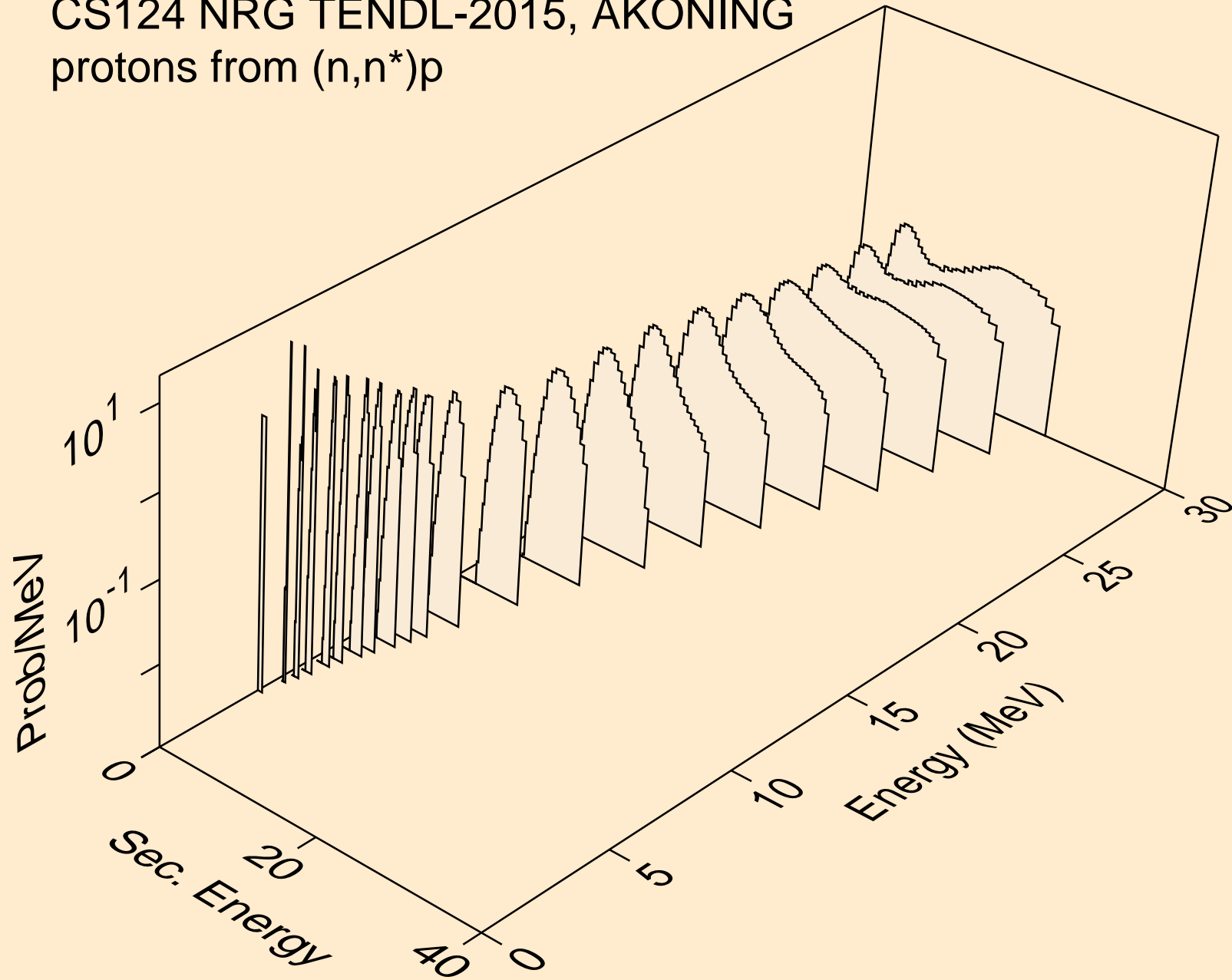




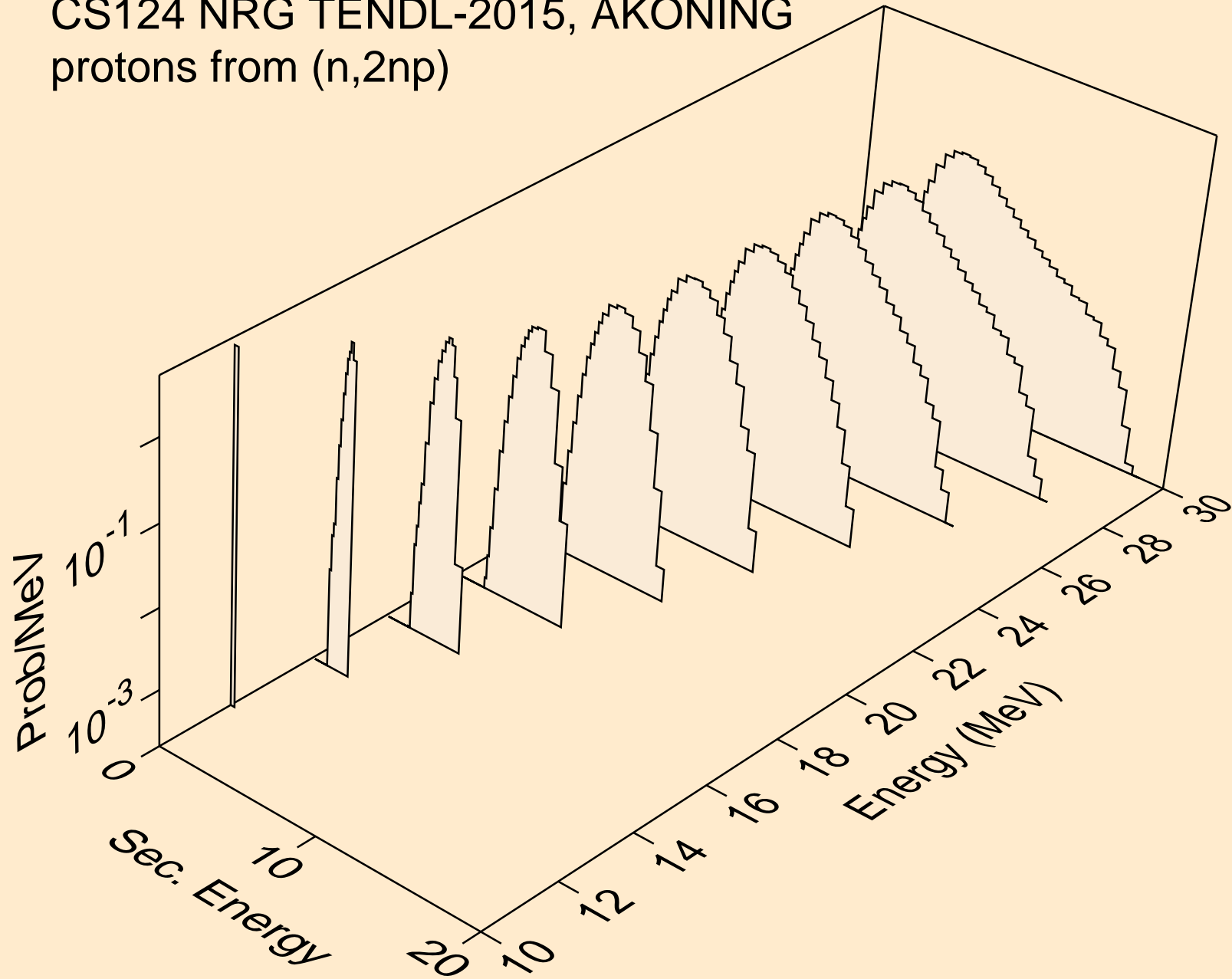
CS124 NRG TENDL-2015, AKONING  
protons from (n,x)



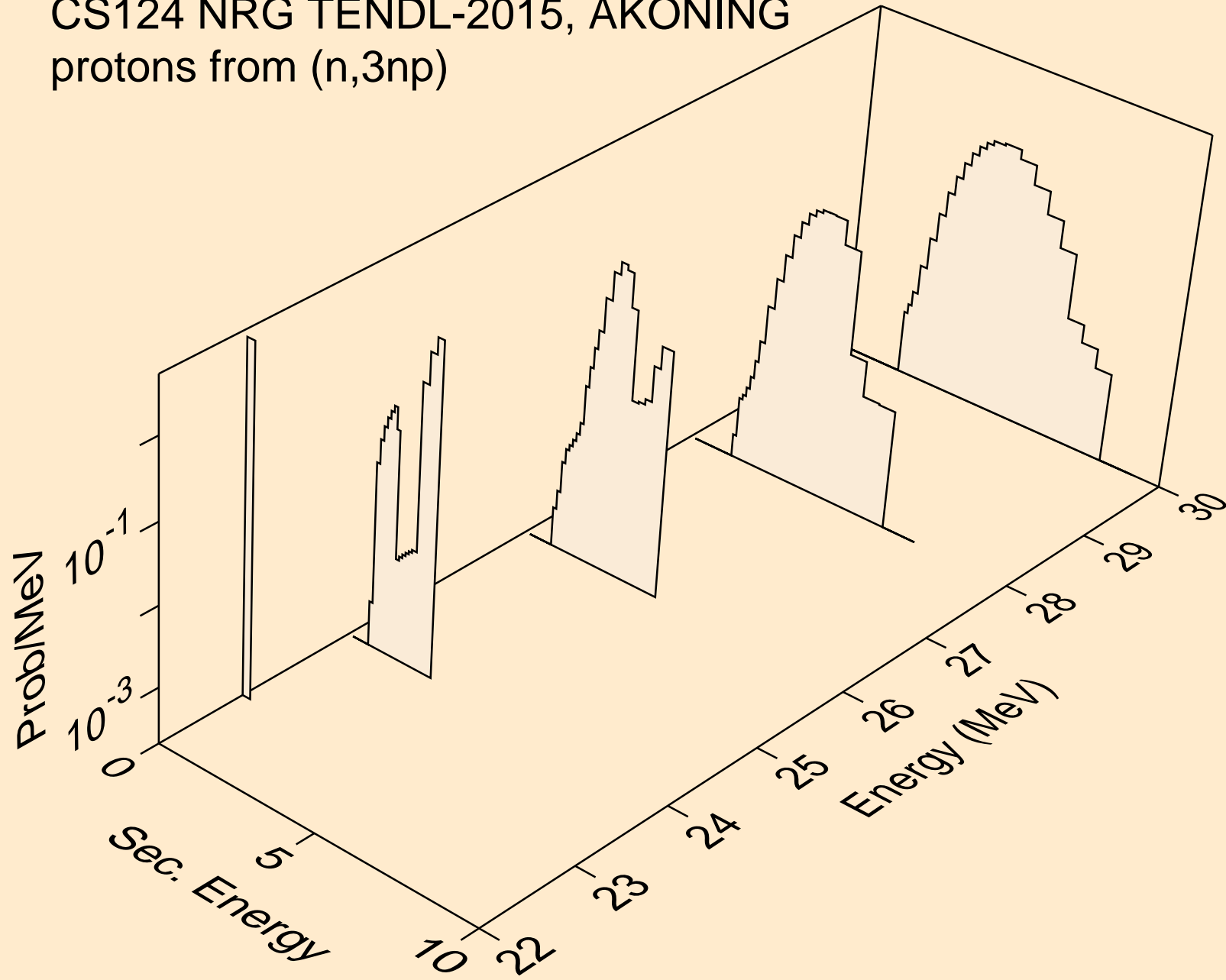
CS124 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



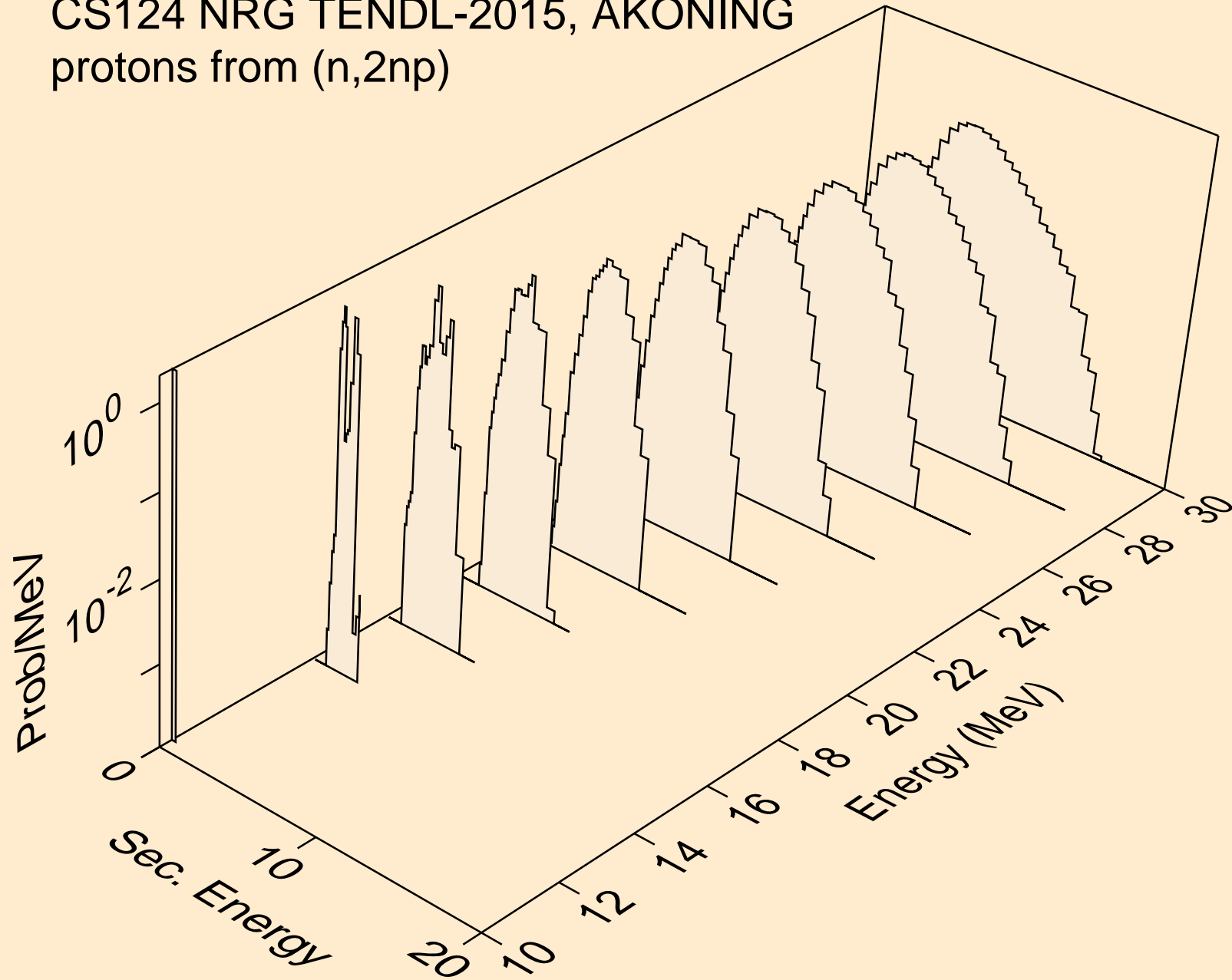
CS124 NRG TENDL-2015, AKONING  
protons from (n,2np)



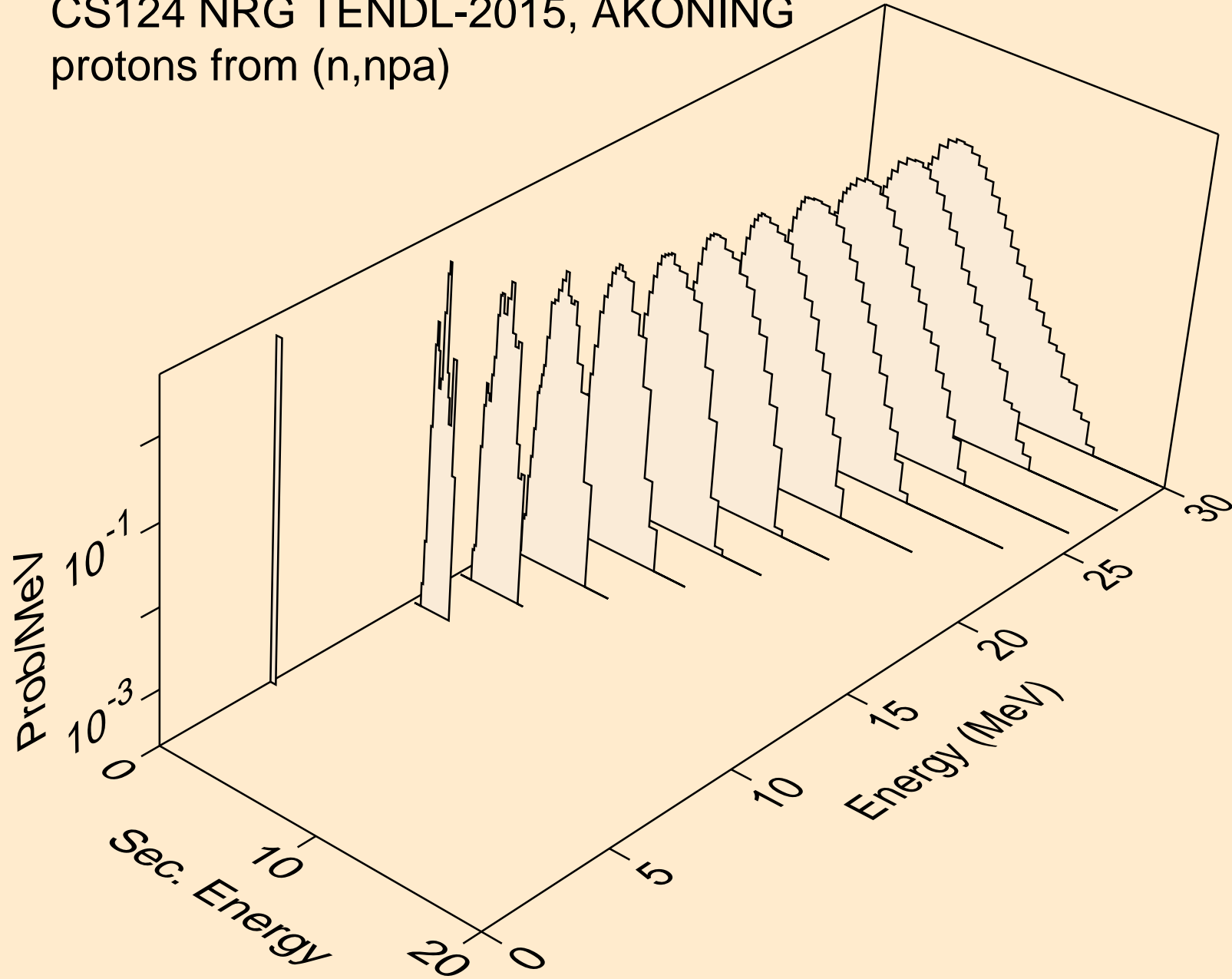
CS124 NRG TENDL-2015, AKONING  
protons from (n,3np)



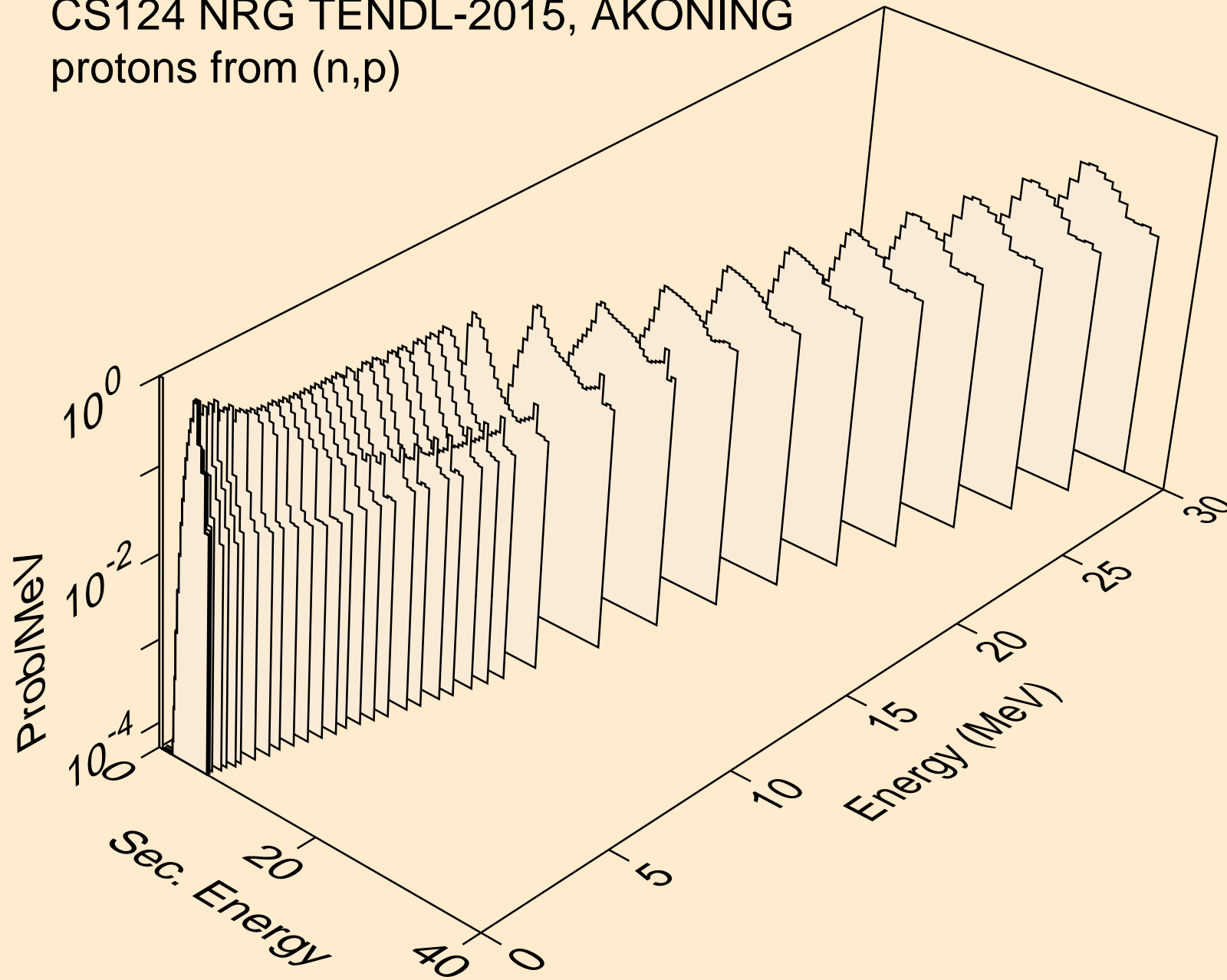
CS124 NRG TENDL-2015, AKONING  
protons from (n,2np)



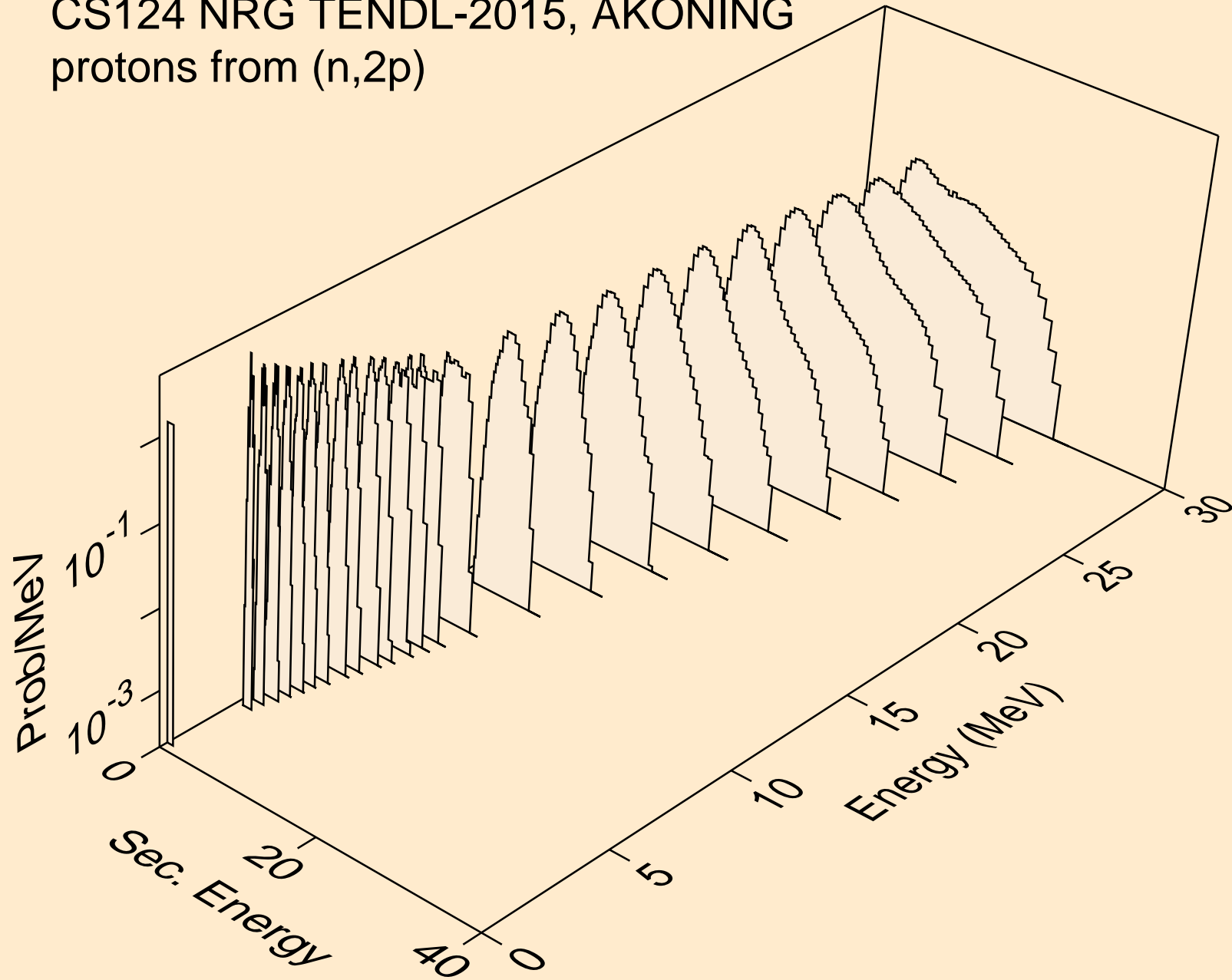
CS124 NRG TENDL-2015, AKONING  
protons from (n,npa)



CS124 NRG TENDL-2015, AKONING  
protons from (n,p)

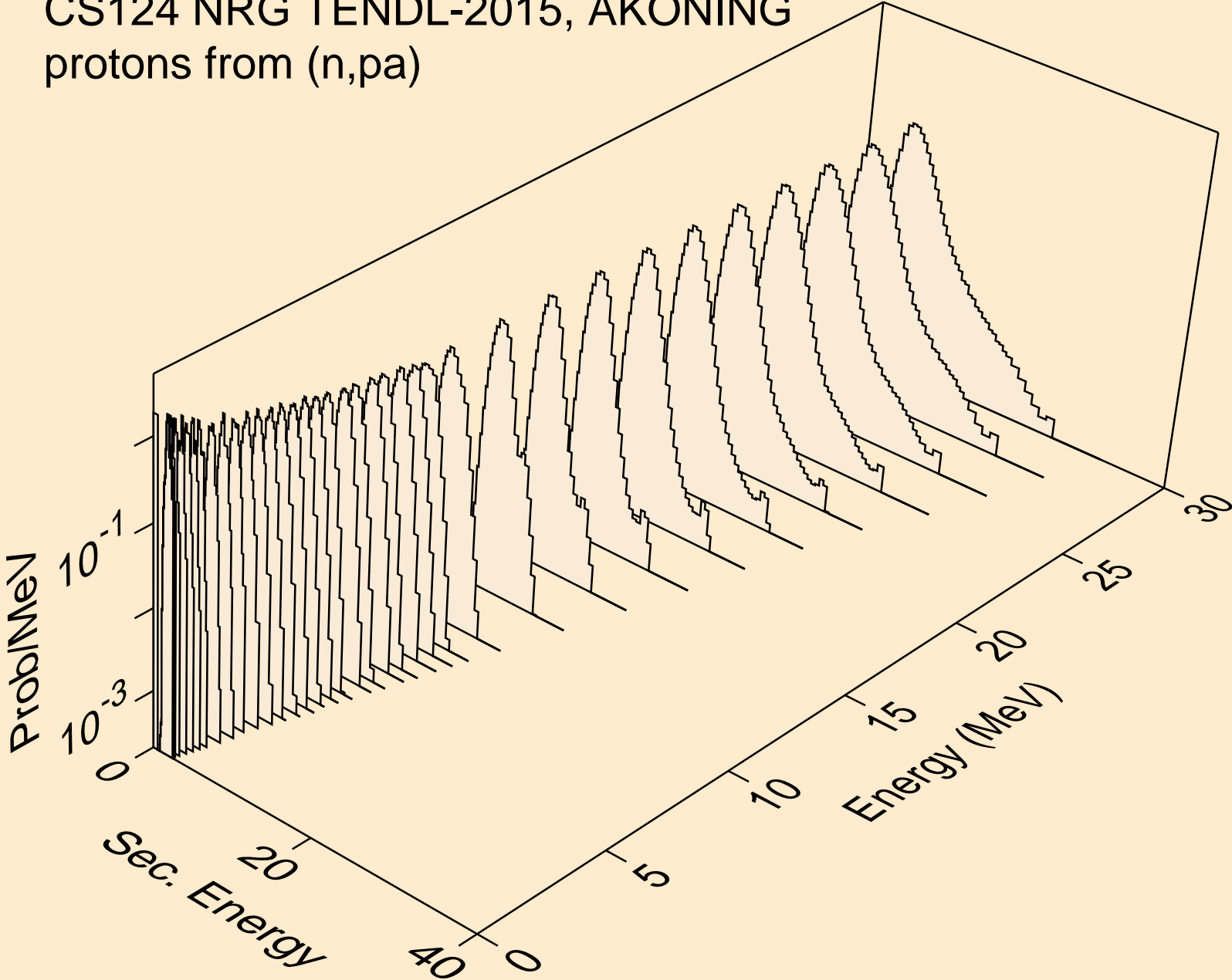


CS124 NRG TENDL-2015, AKONING  
protons from (n,2p)

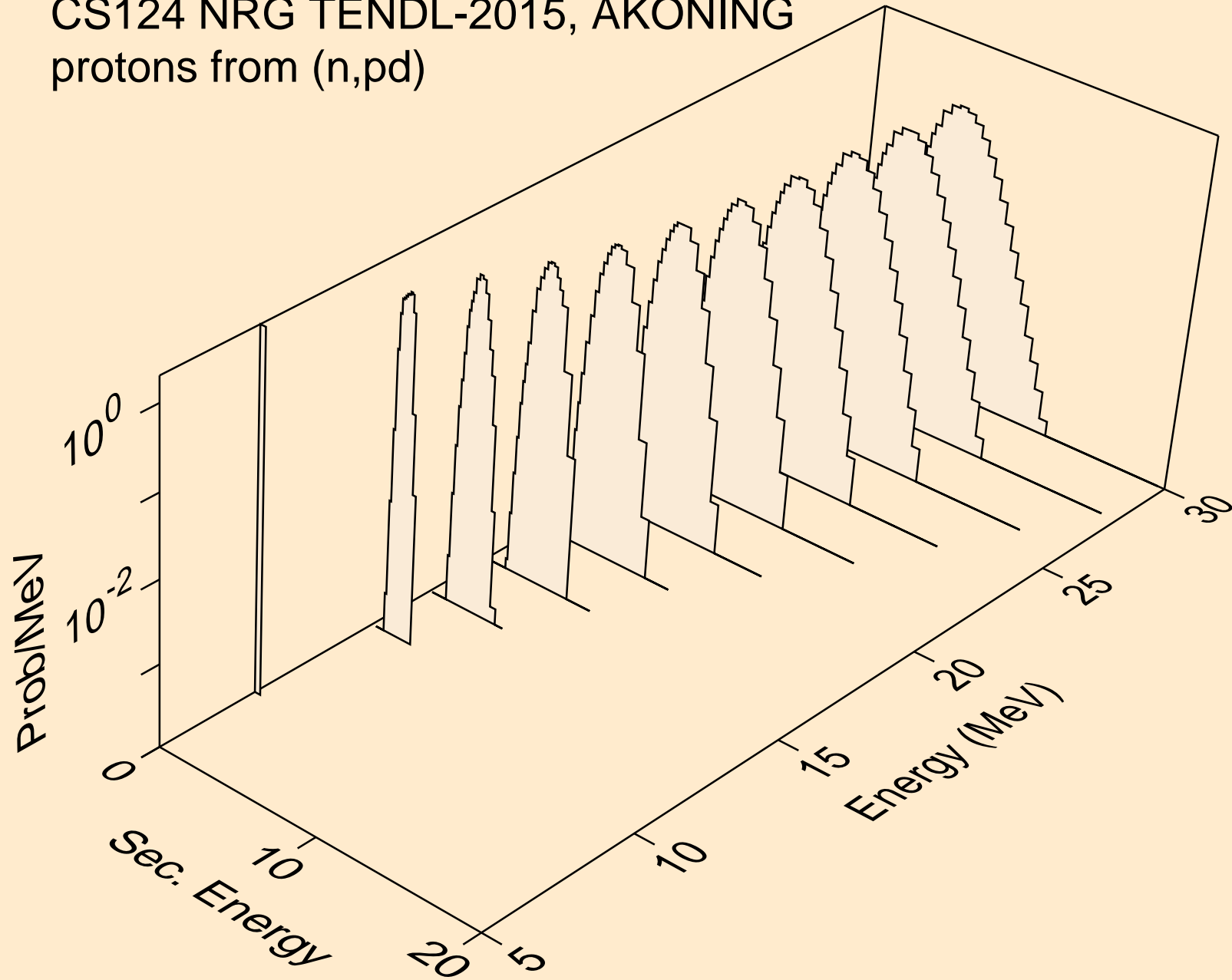




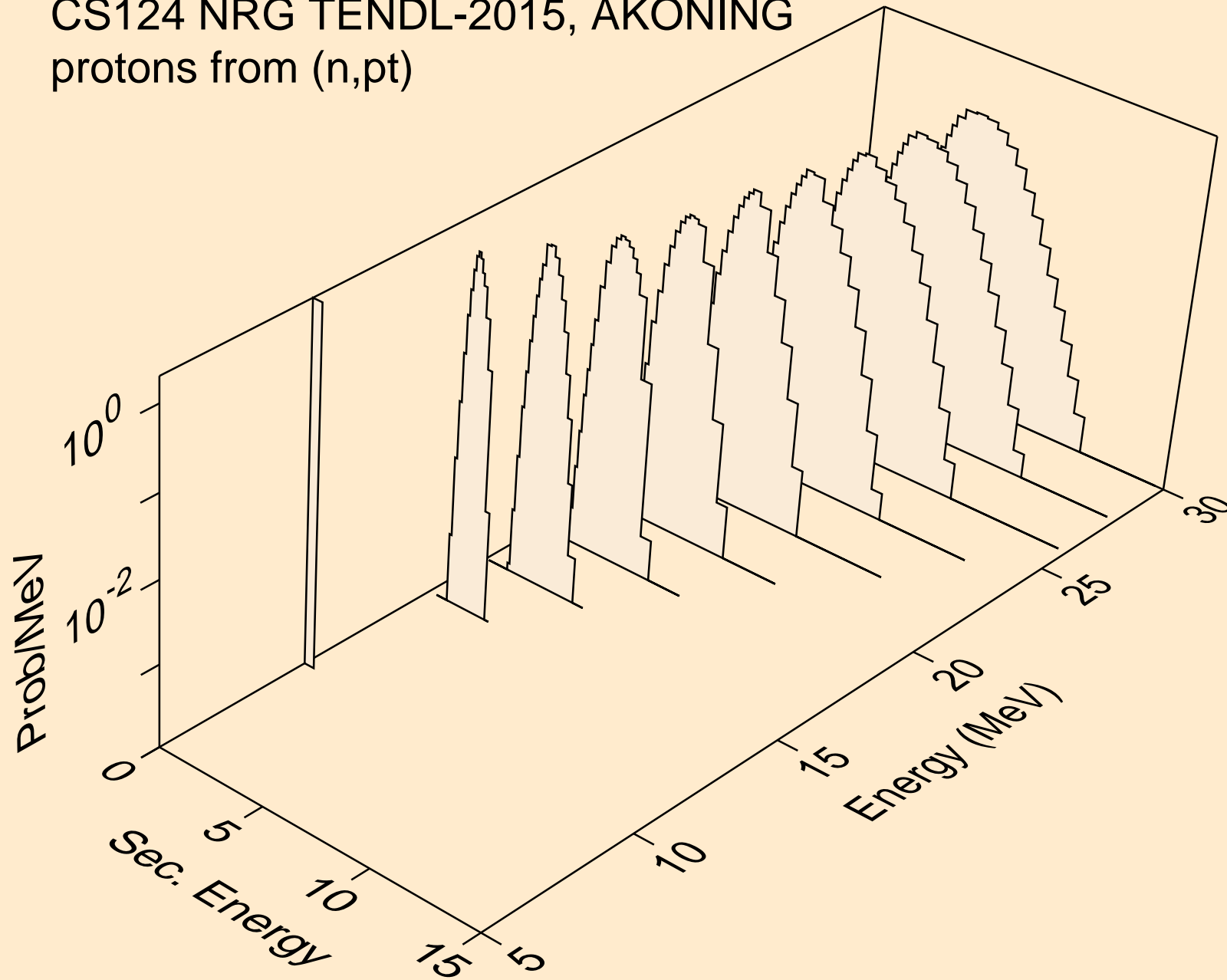
CS124 NRG TENDL-2015, AKONING  
protons from (n,pa)



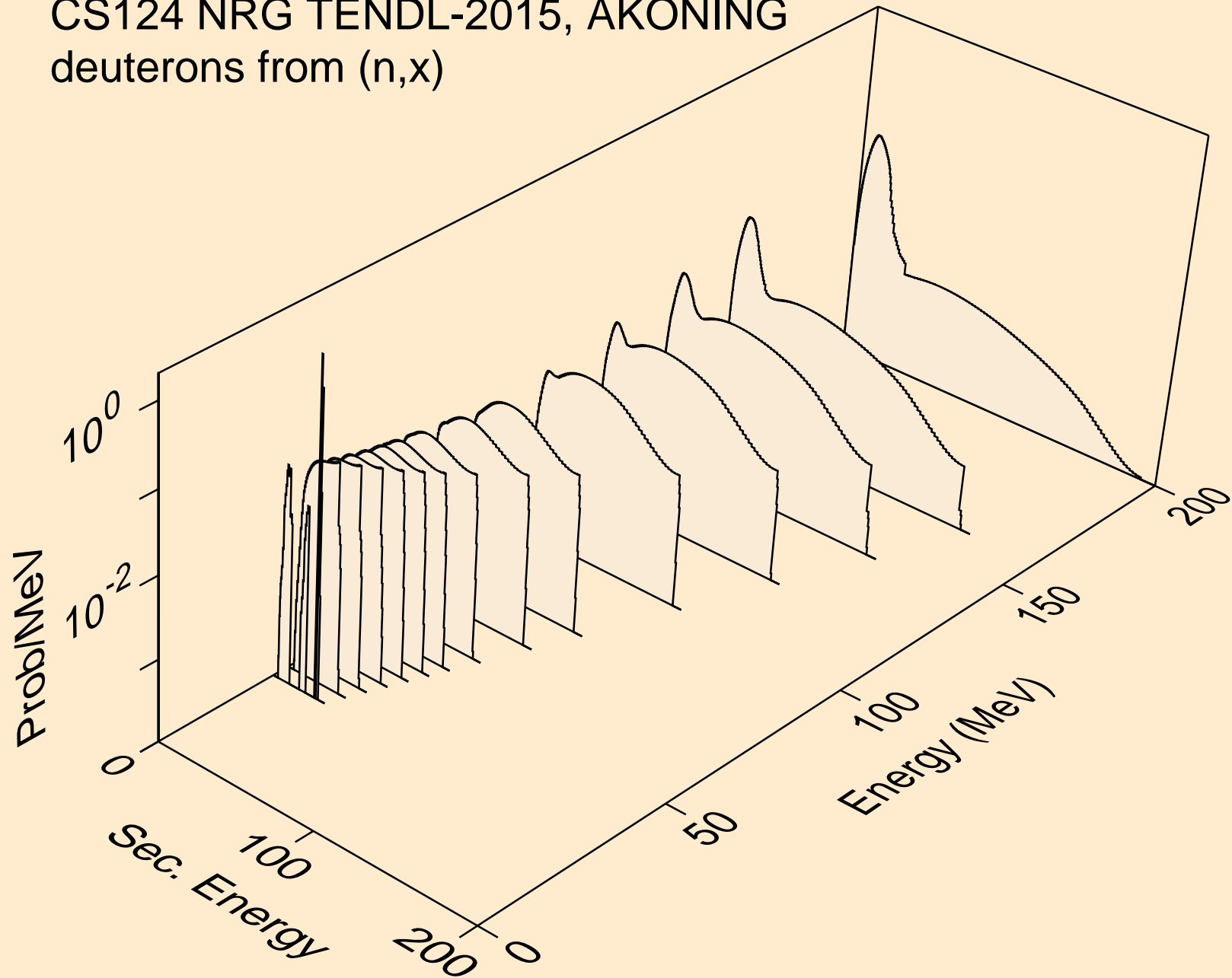
CS124 NRG TENDL-2015, AKONING  
protons from (n,pd)



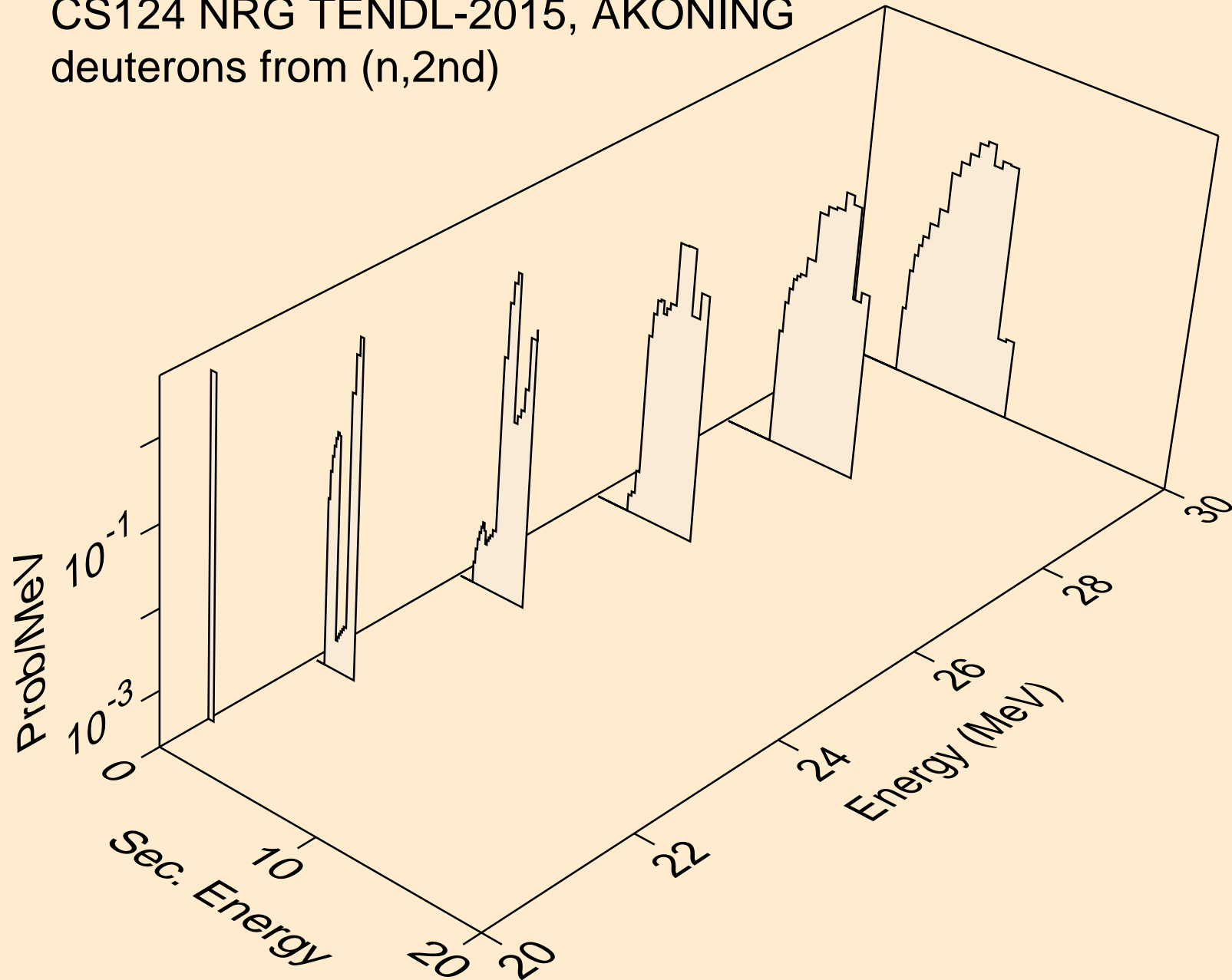
CS124 NRG TENDL-2015, AKONING  
protons from (n,pt)



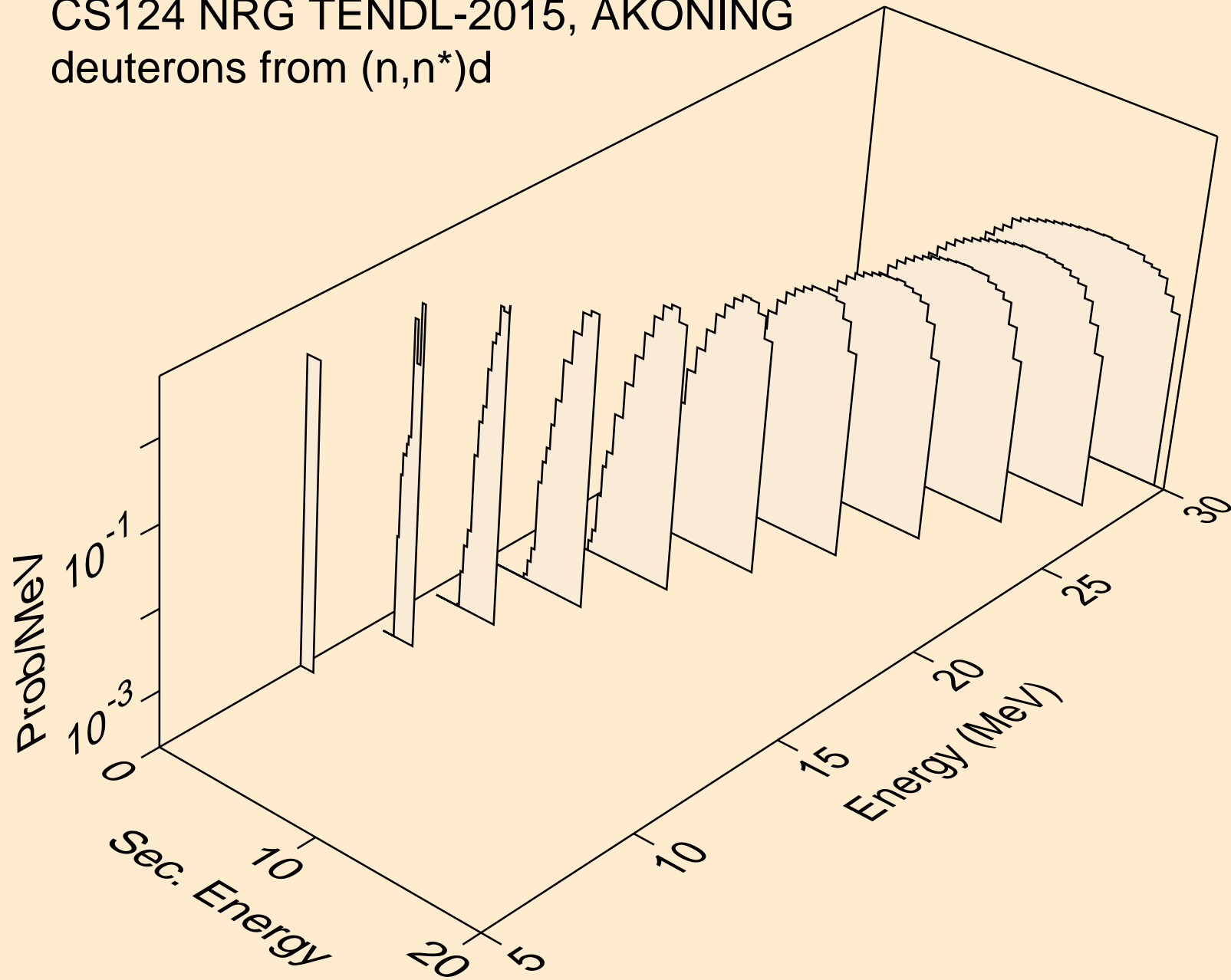
CS124 NRG TENDL-2015, AKONING  
deuterons from (n,x)



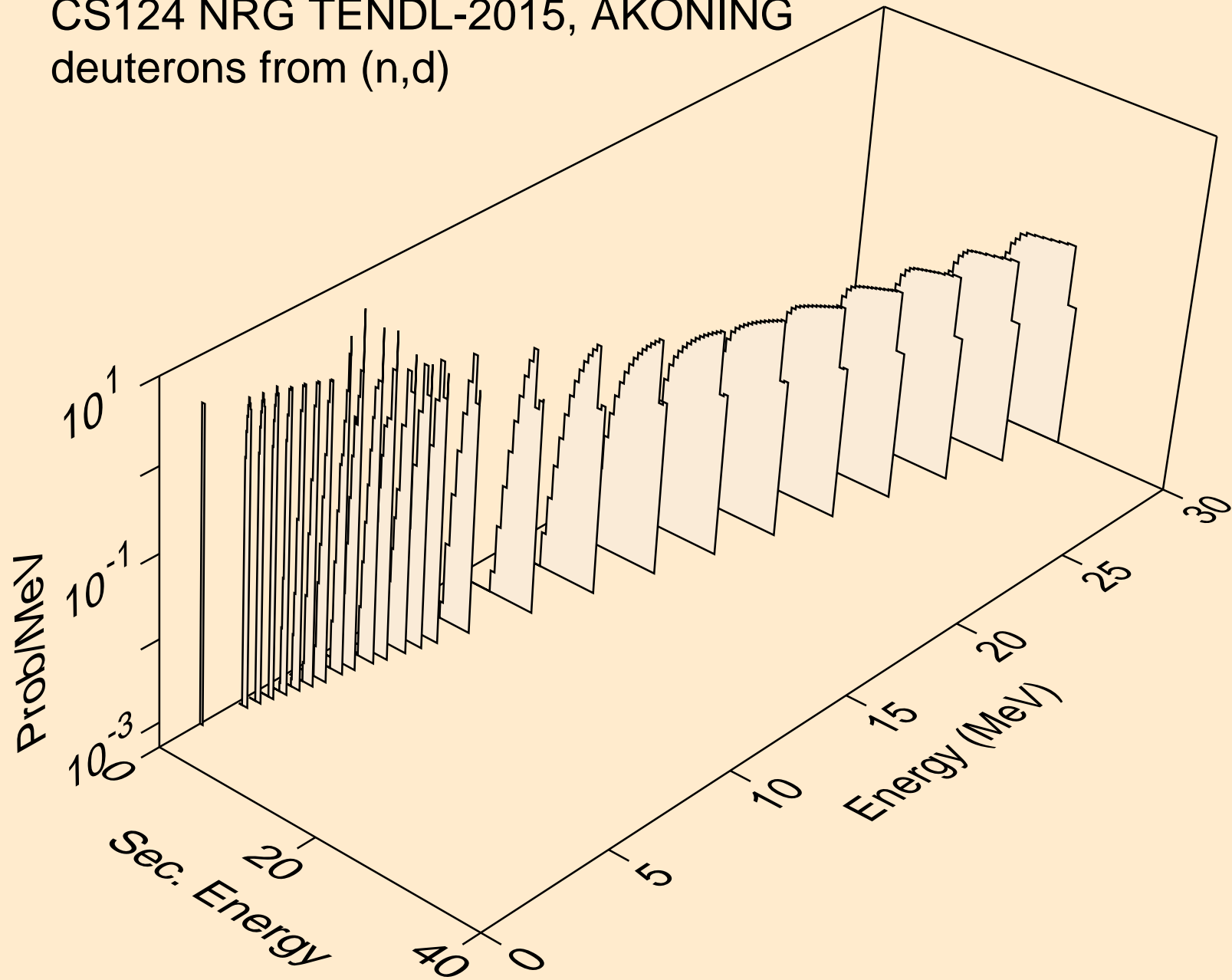
CS124 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



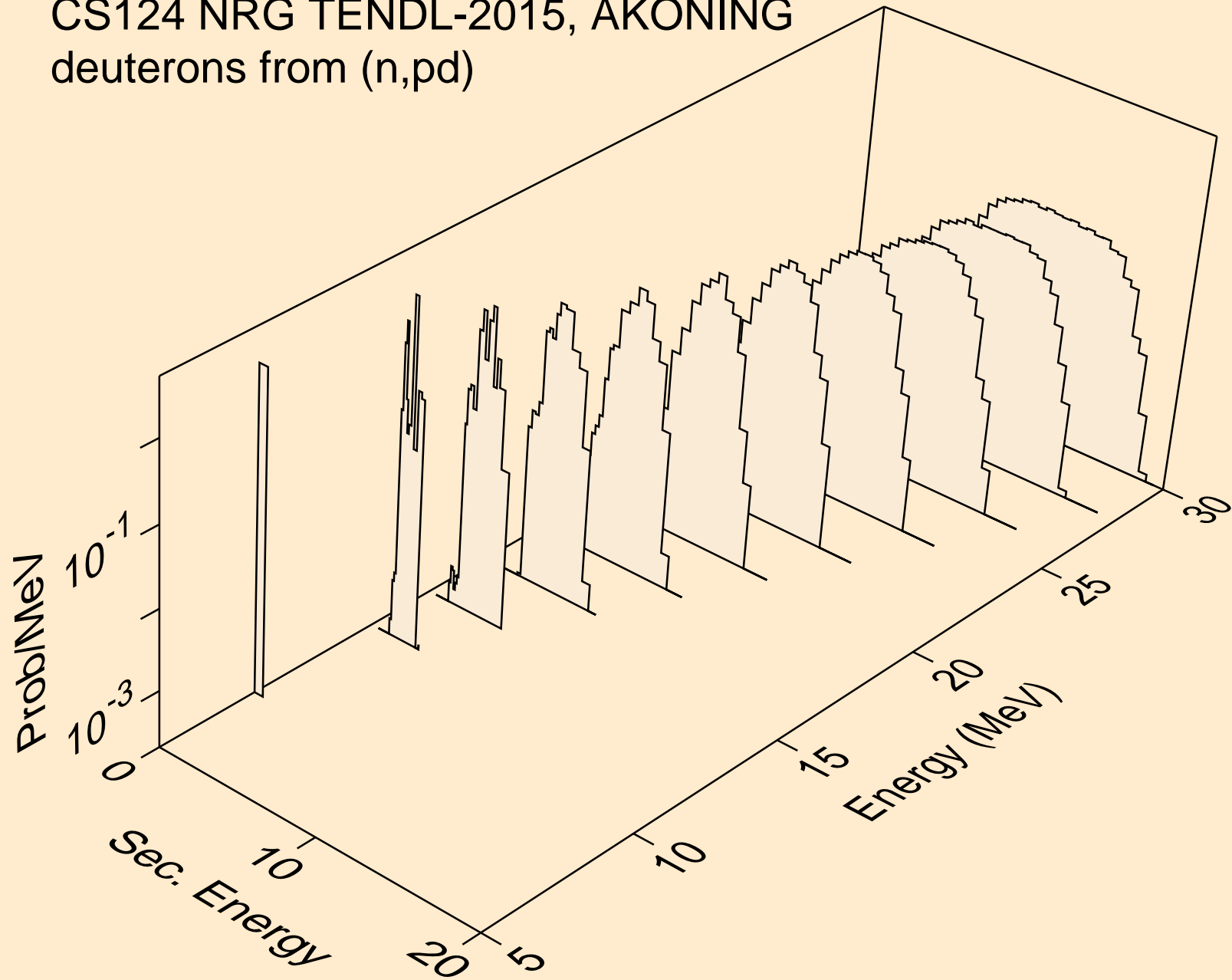
CS124 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



CS124 NRG TENDL-2015, AKONING  
deuterons from (n,d)

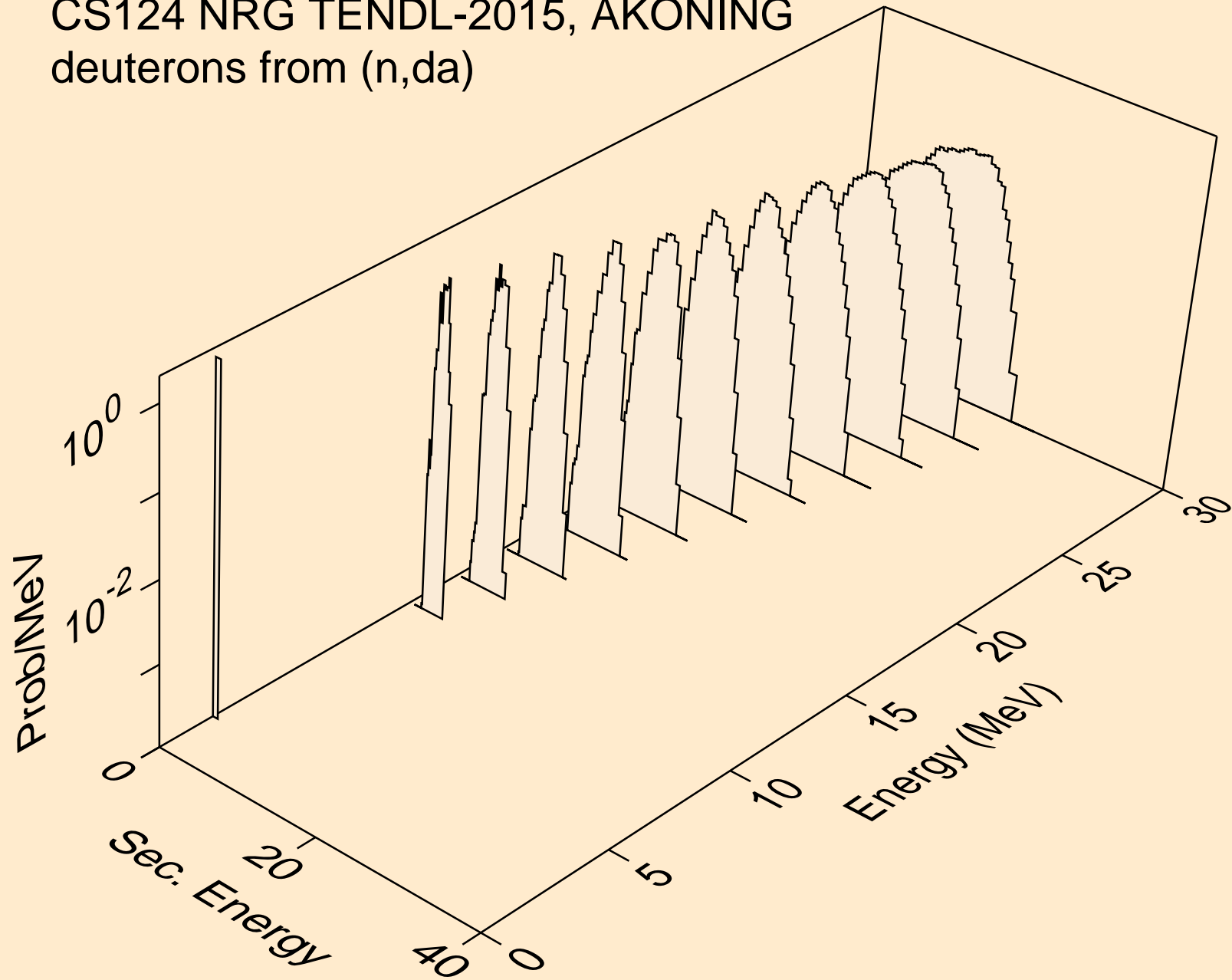


CS124 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

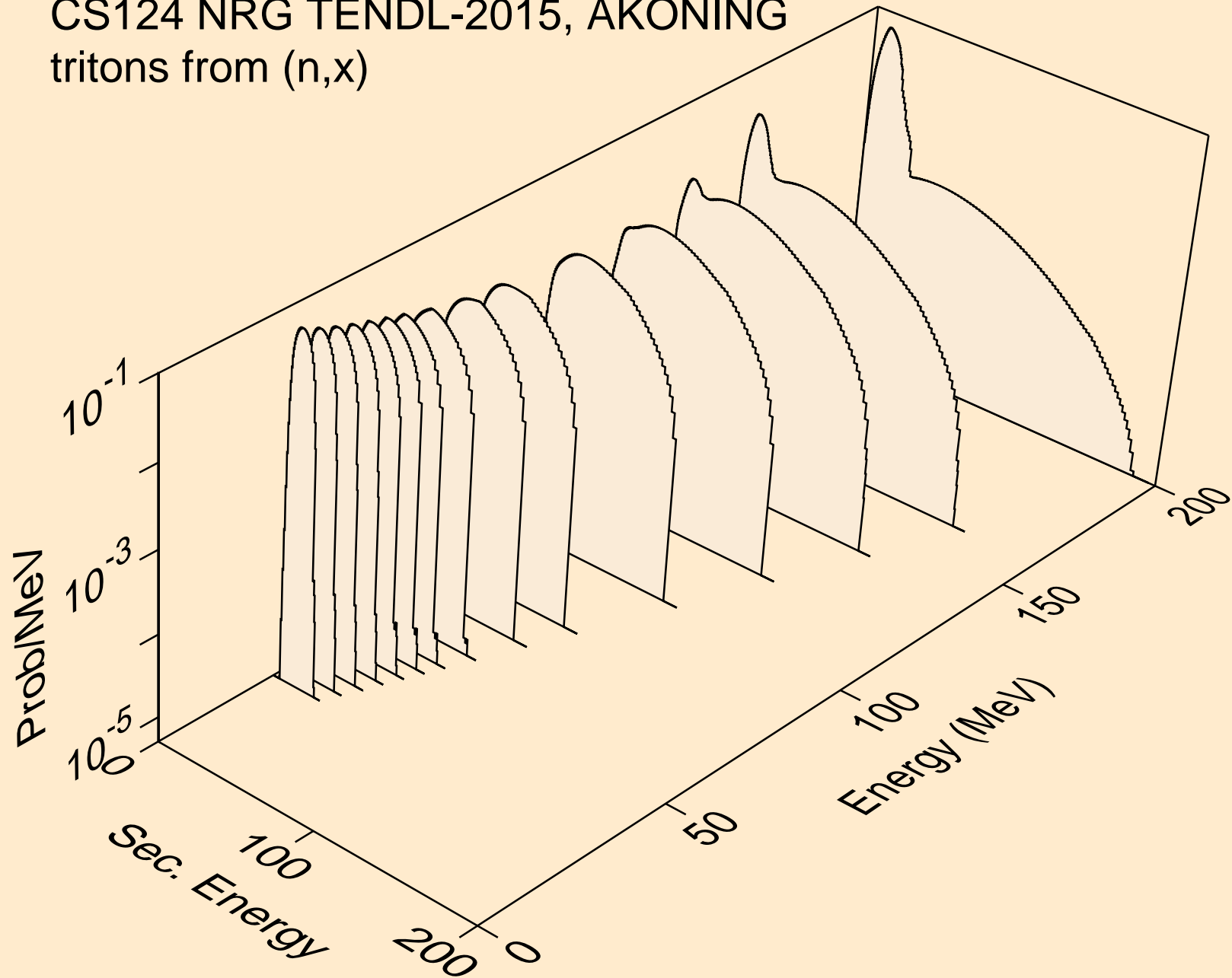




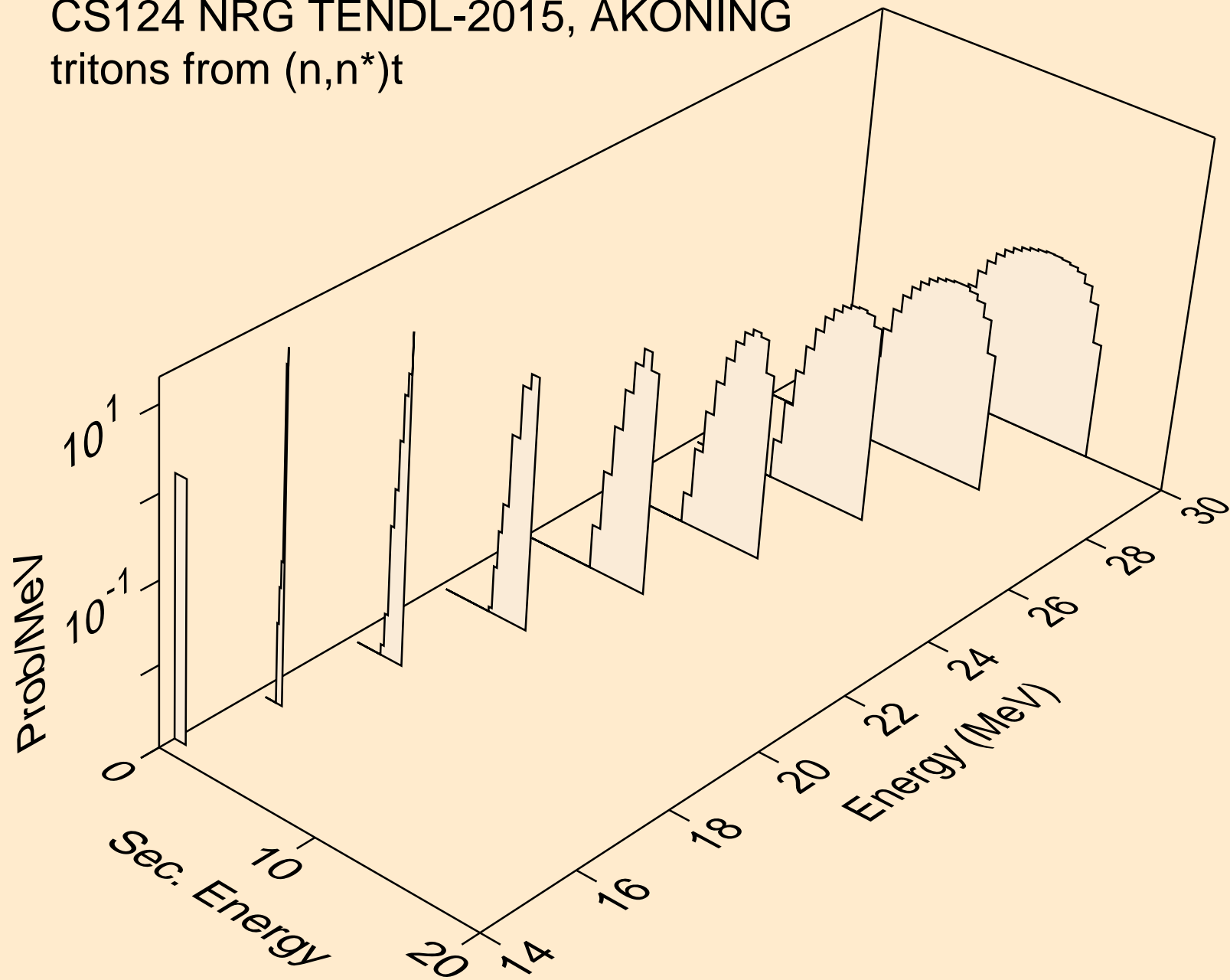
CS124 NRG TENDL-2015, AKONING  
deuterons from (n,da)



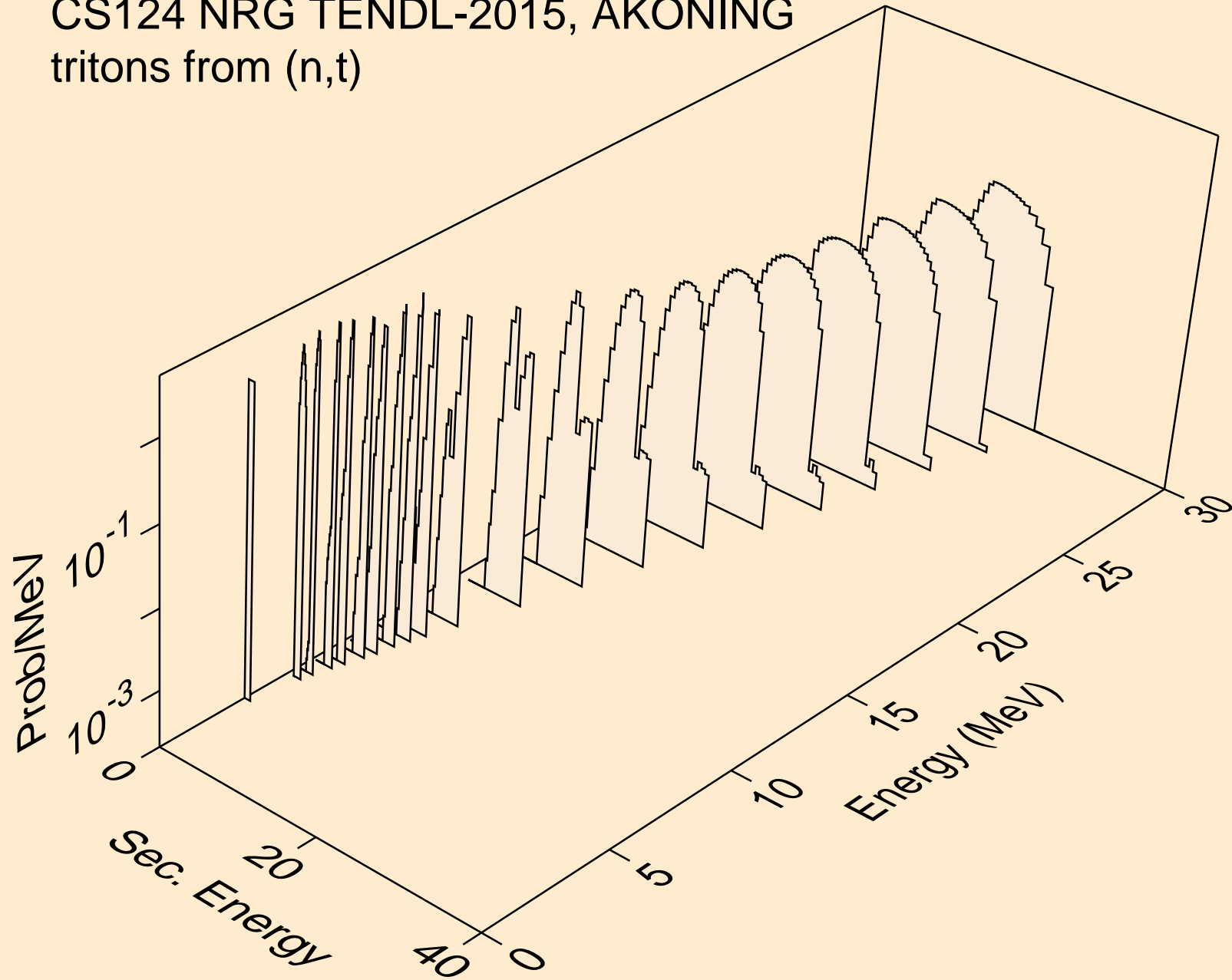
CS124 NRG TENDL-2015, AKONING  
tritons from (n,x)



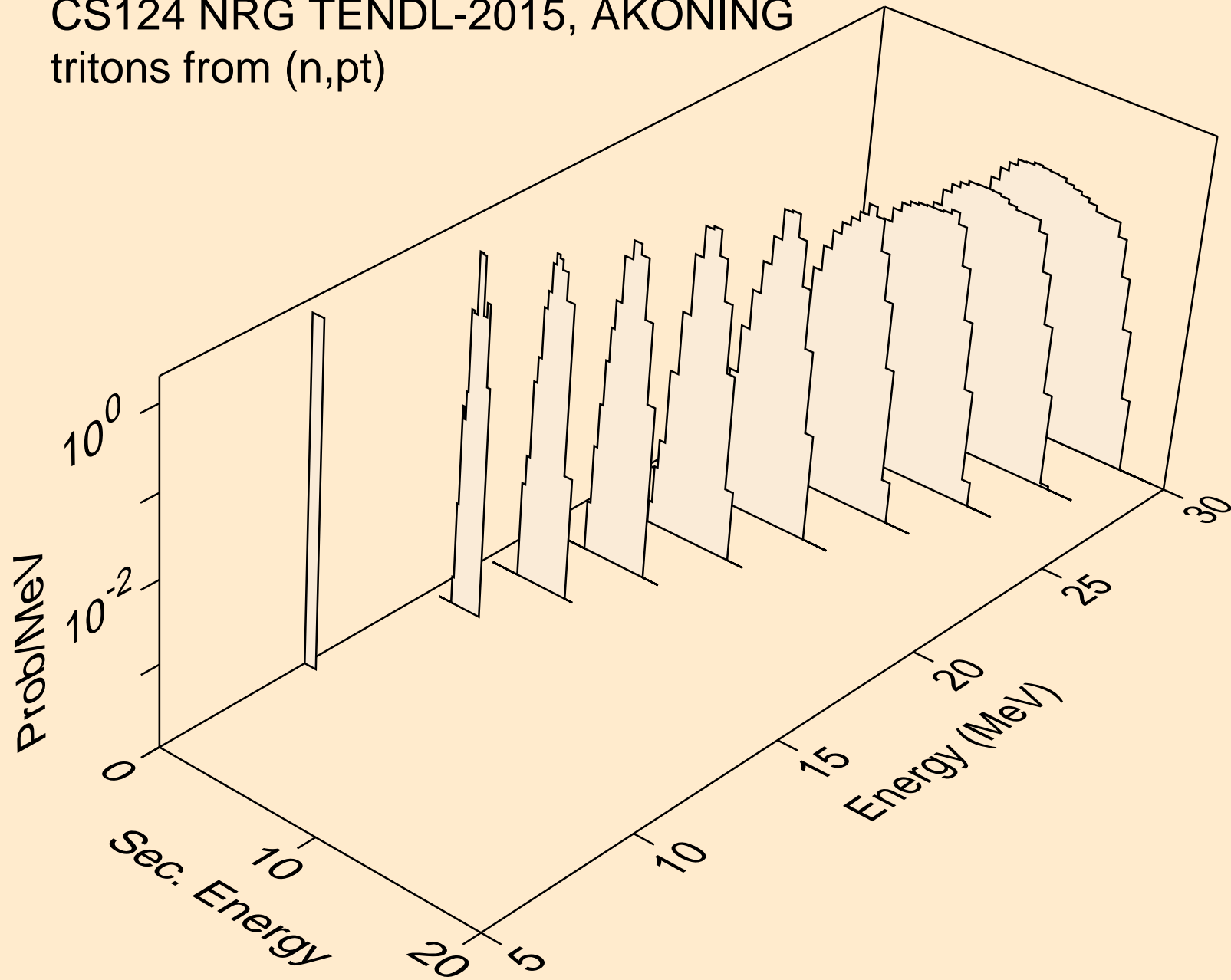
CS124 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



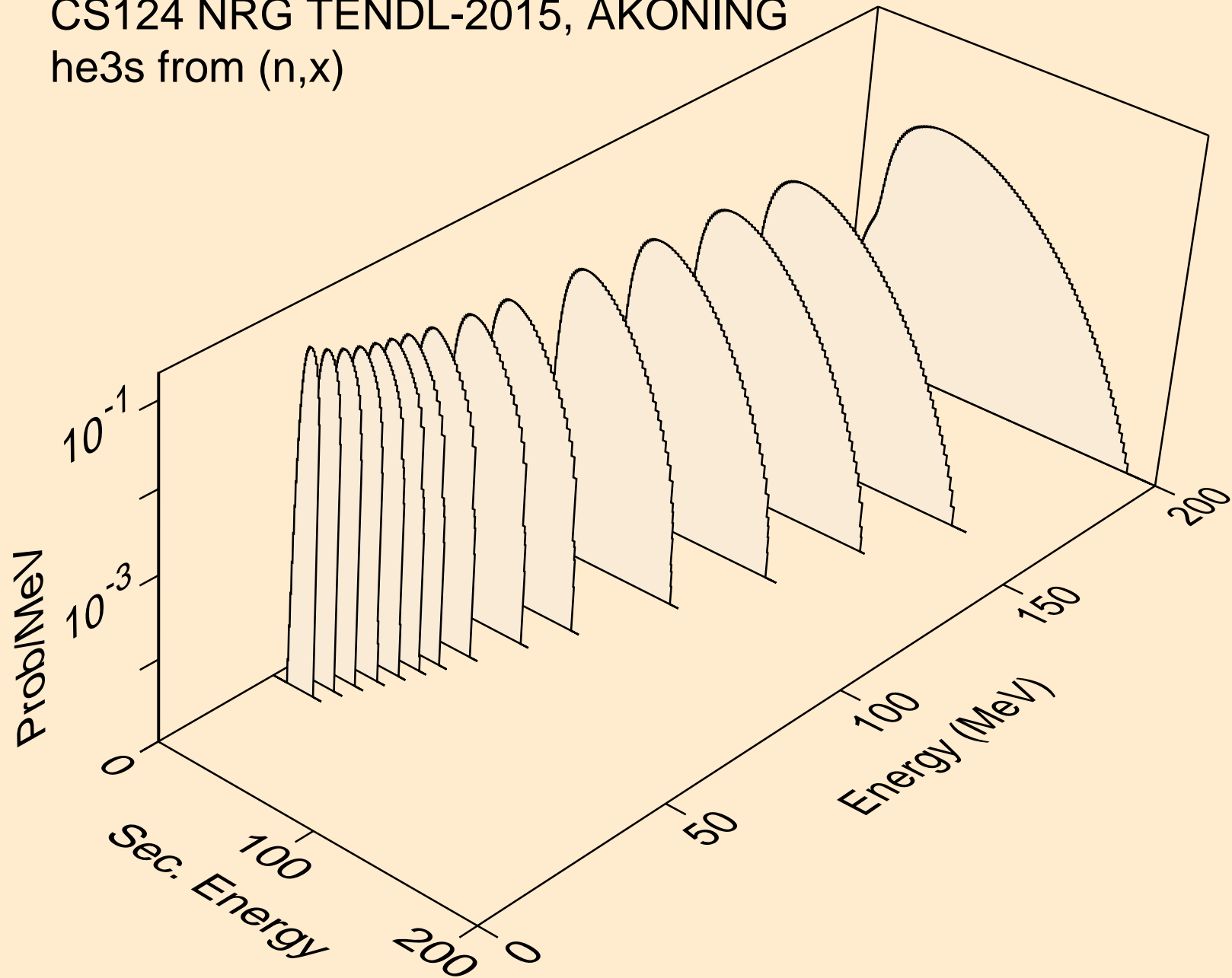
CS124 NRG TENDL-2015, AKONING  
tritons from (n,t)



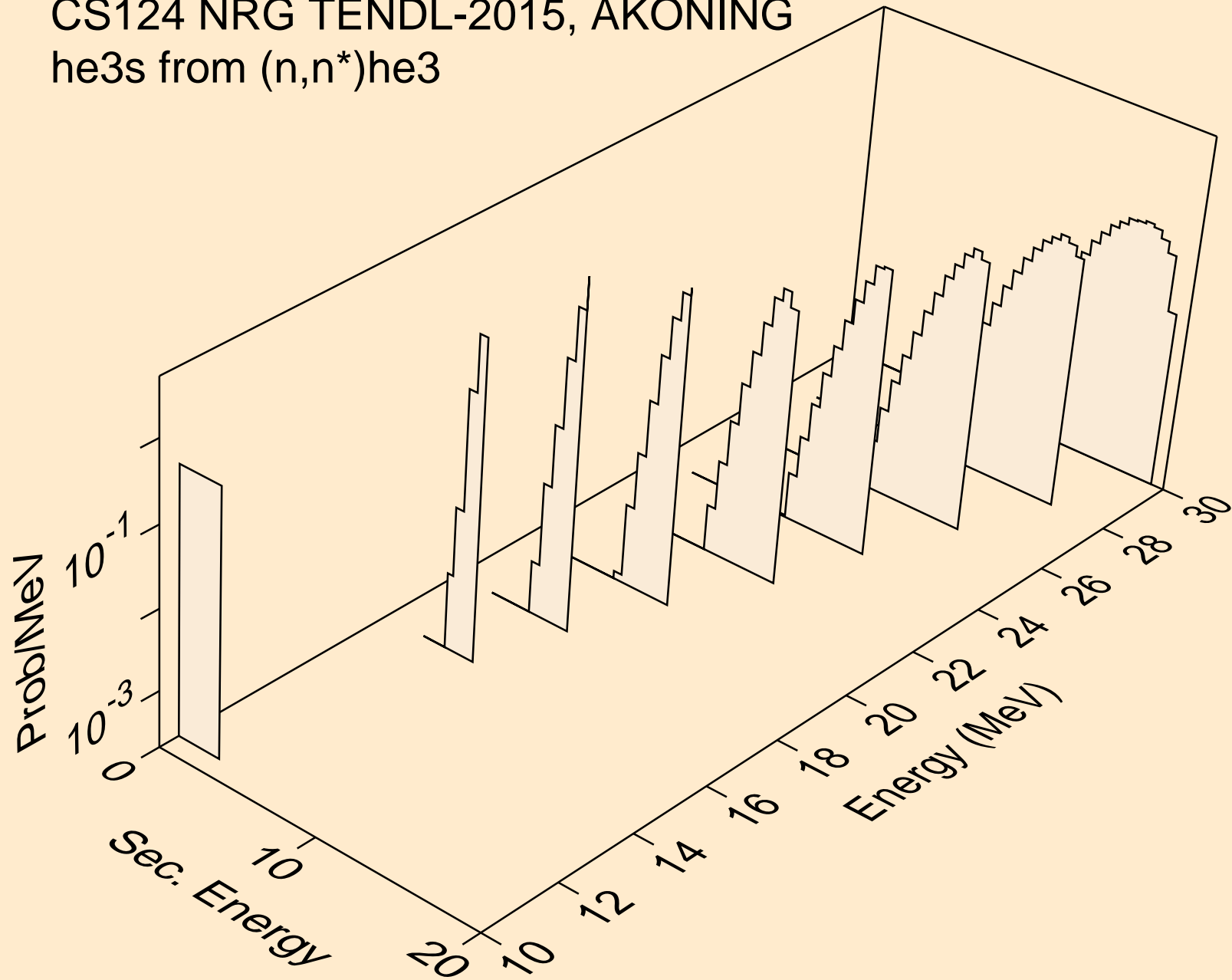
CS124 NRG TENDL-2015, AKONING  
tritons from (n,pt)



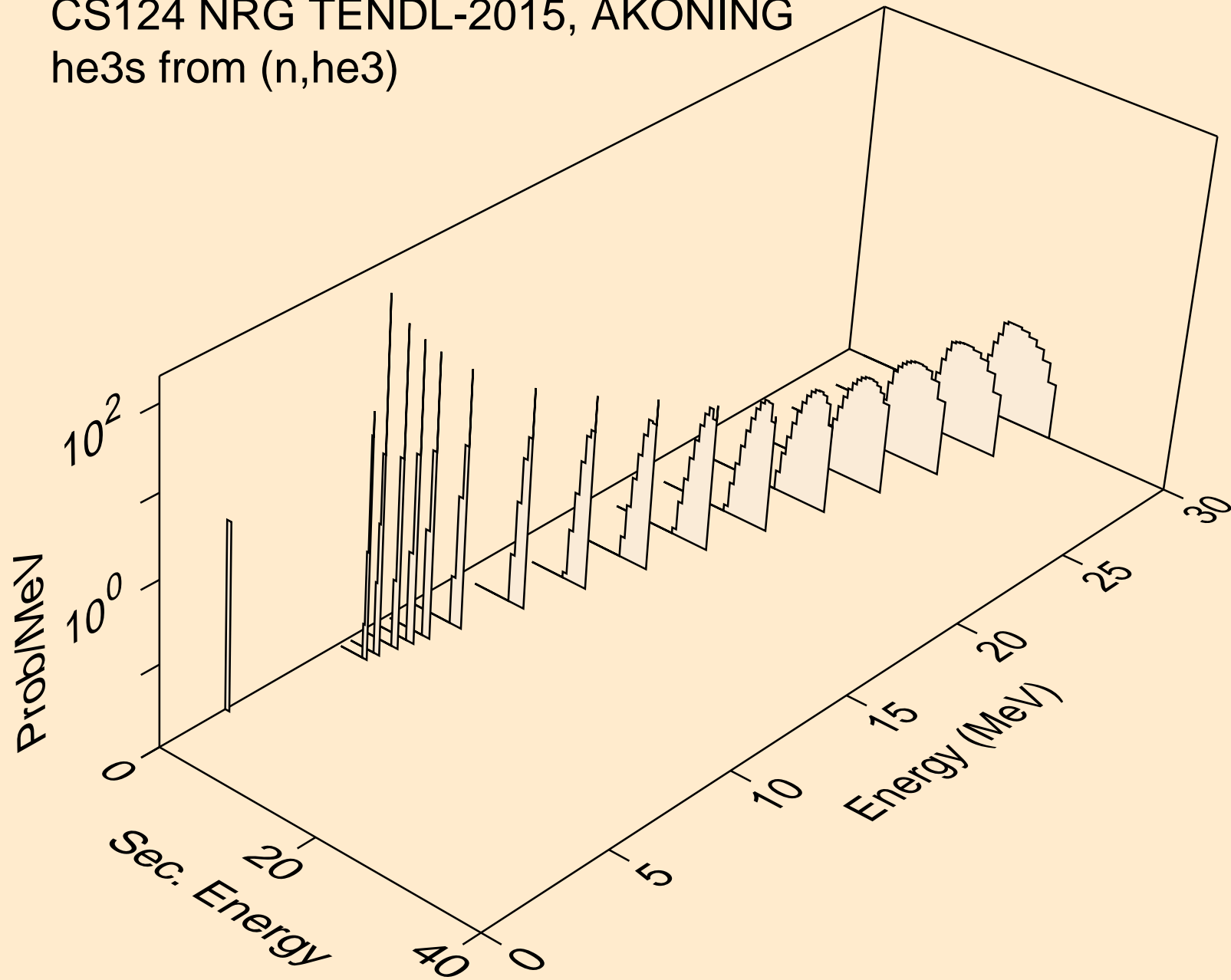
CS124 NRG TENDL-2015, AKONING  
he3s from (n,x)



CS124 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

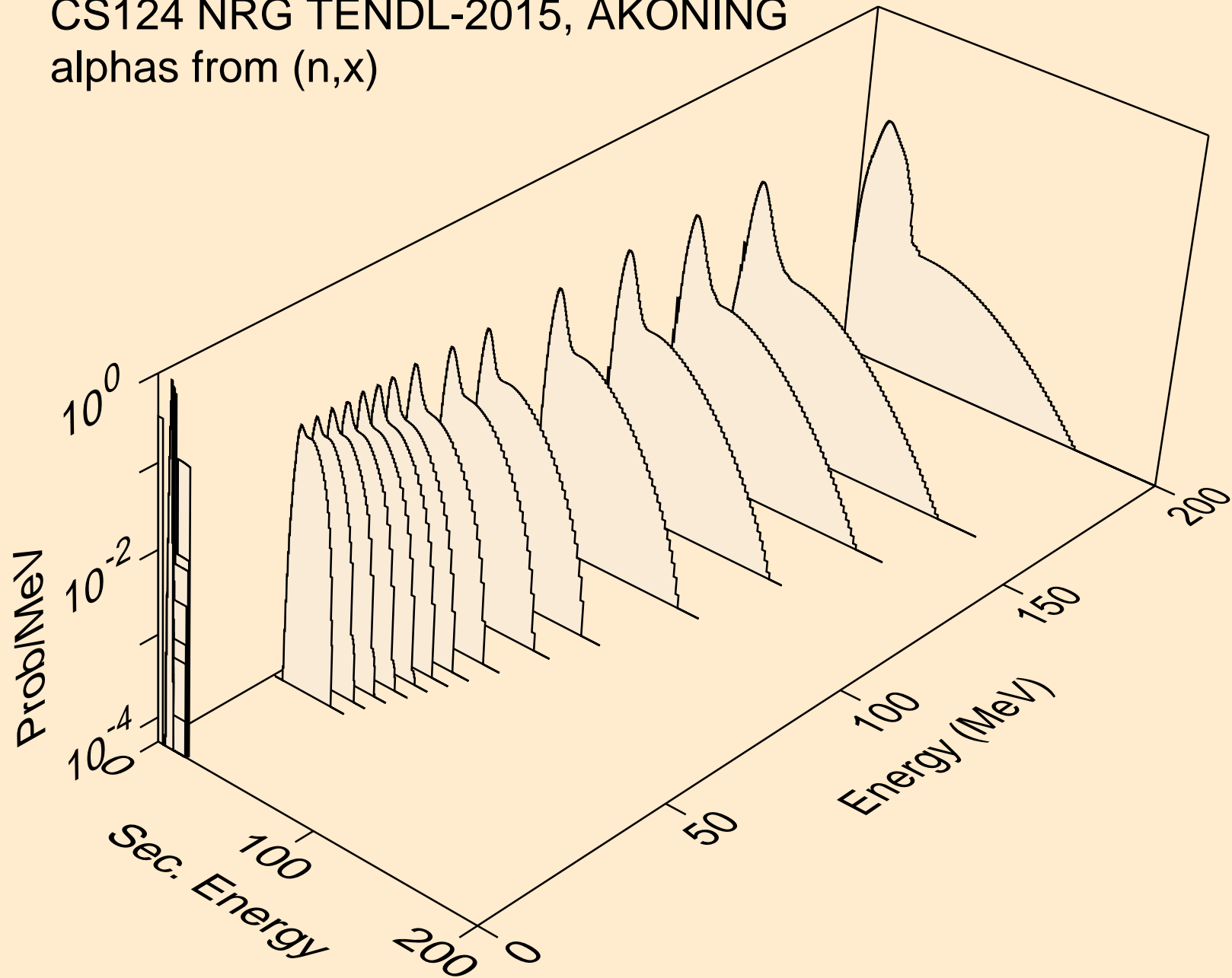


CS124 NRG TENDL-2015, AKONING  
he3s from (n,he3)

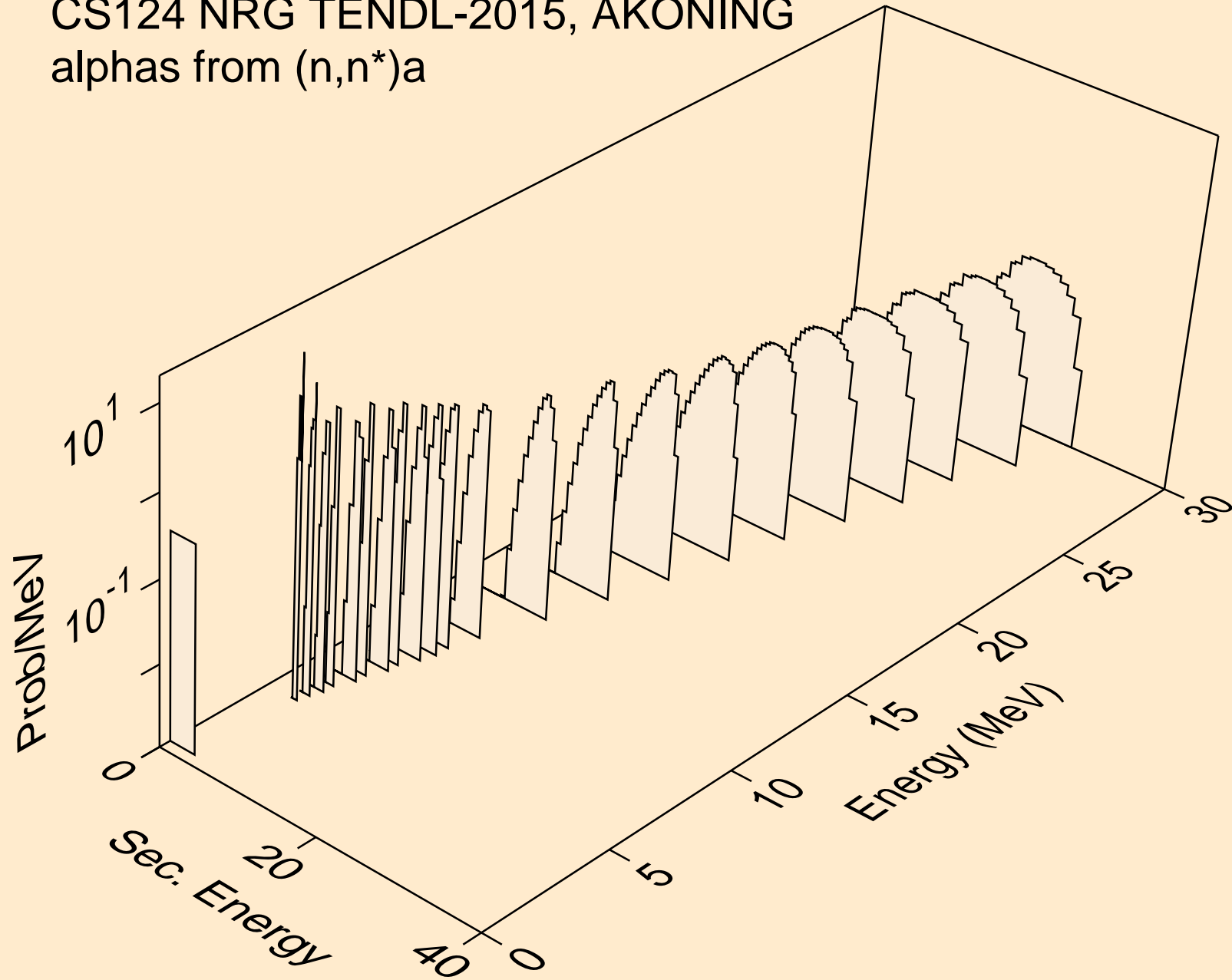




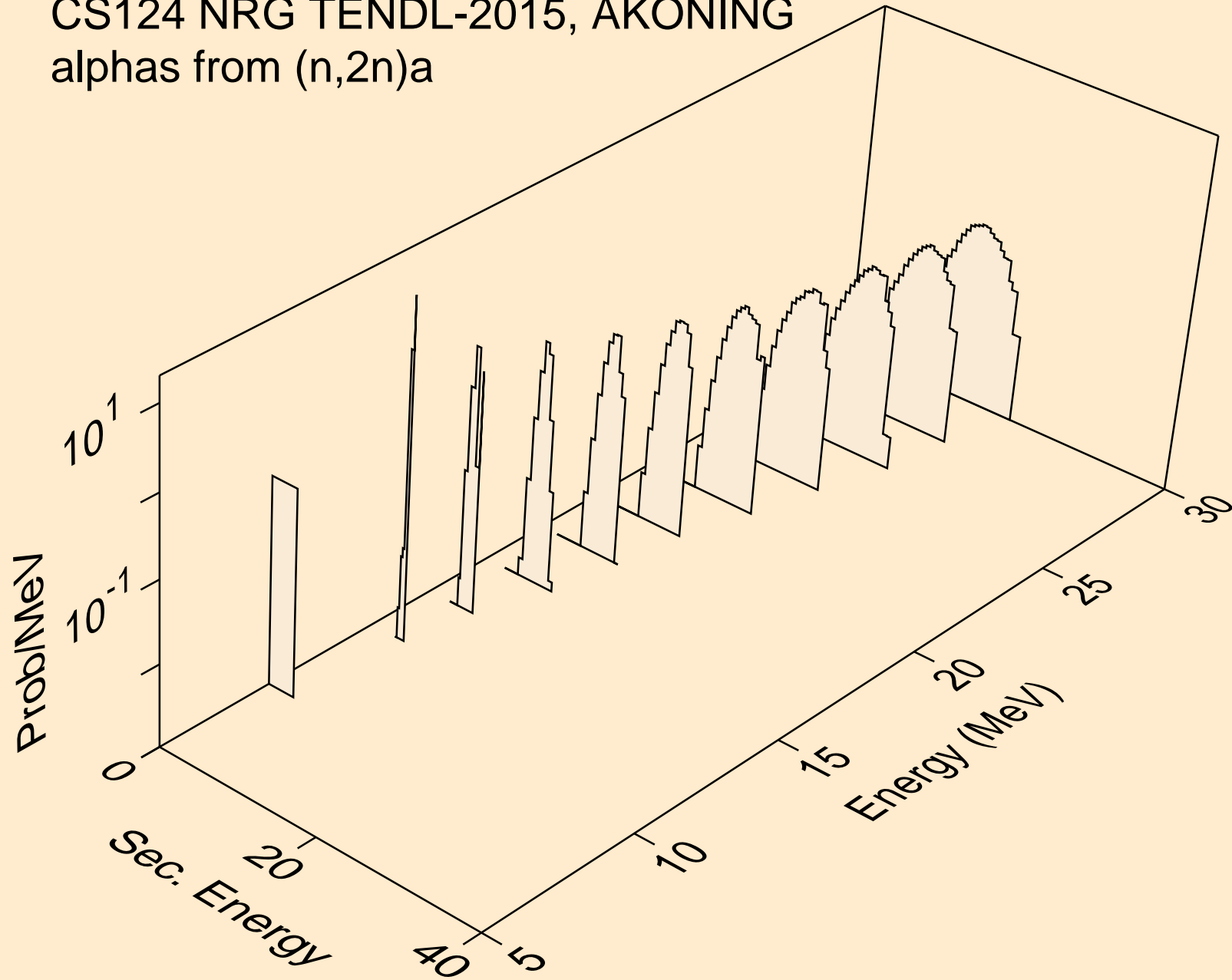
CS124 NRG TENDL-2015, AKONING  
alphas from (n,x)



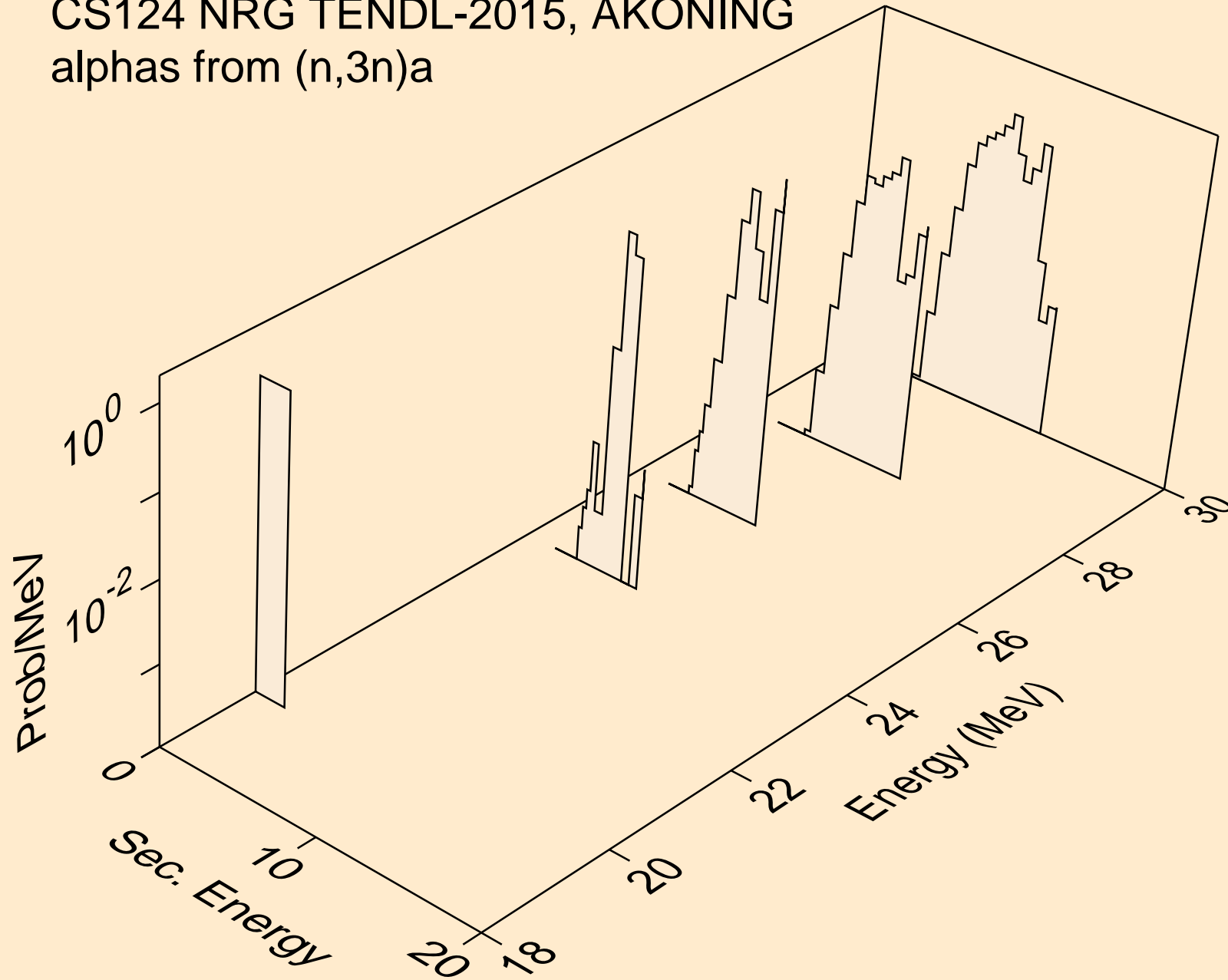
CS124 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



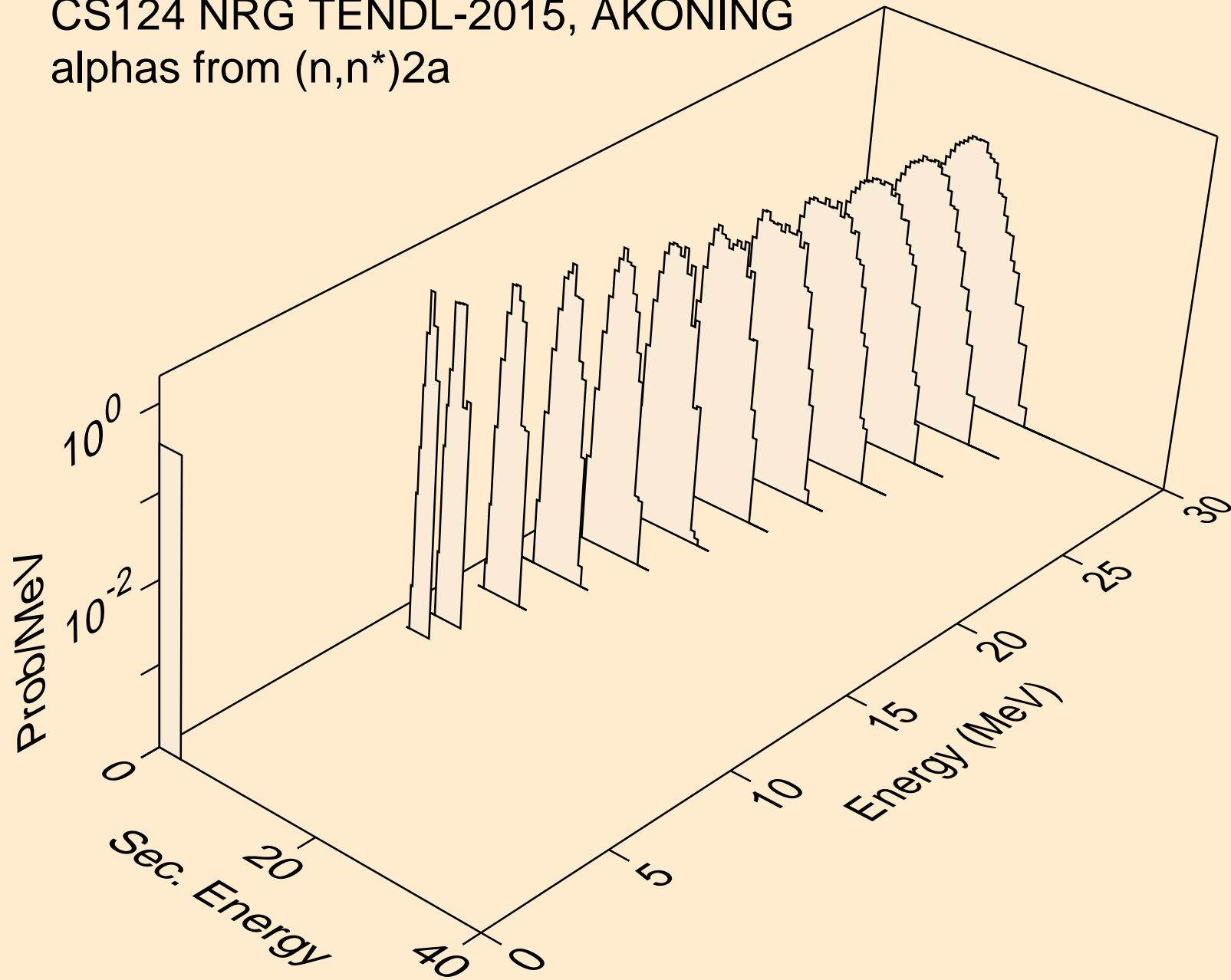
CS124 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



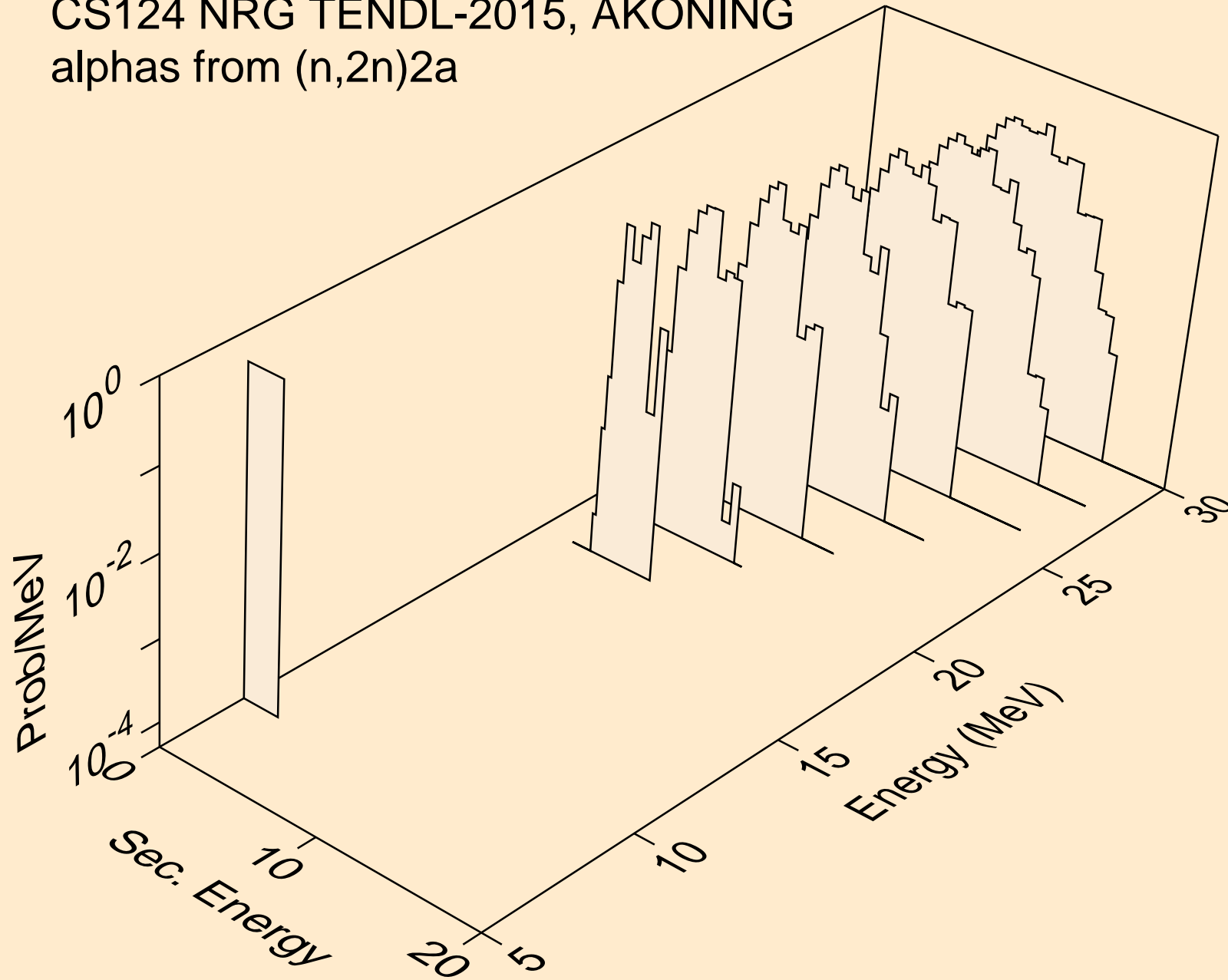
CS124 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



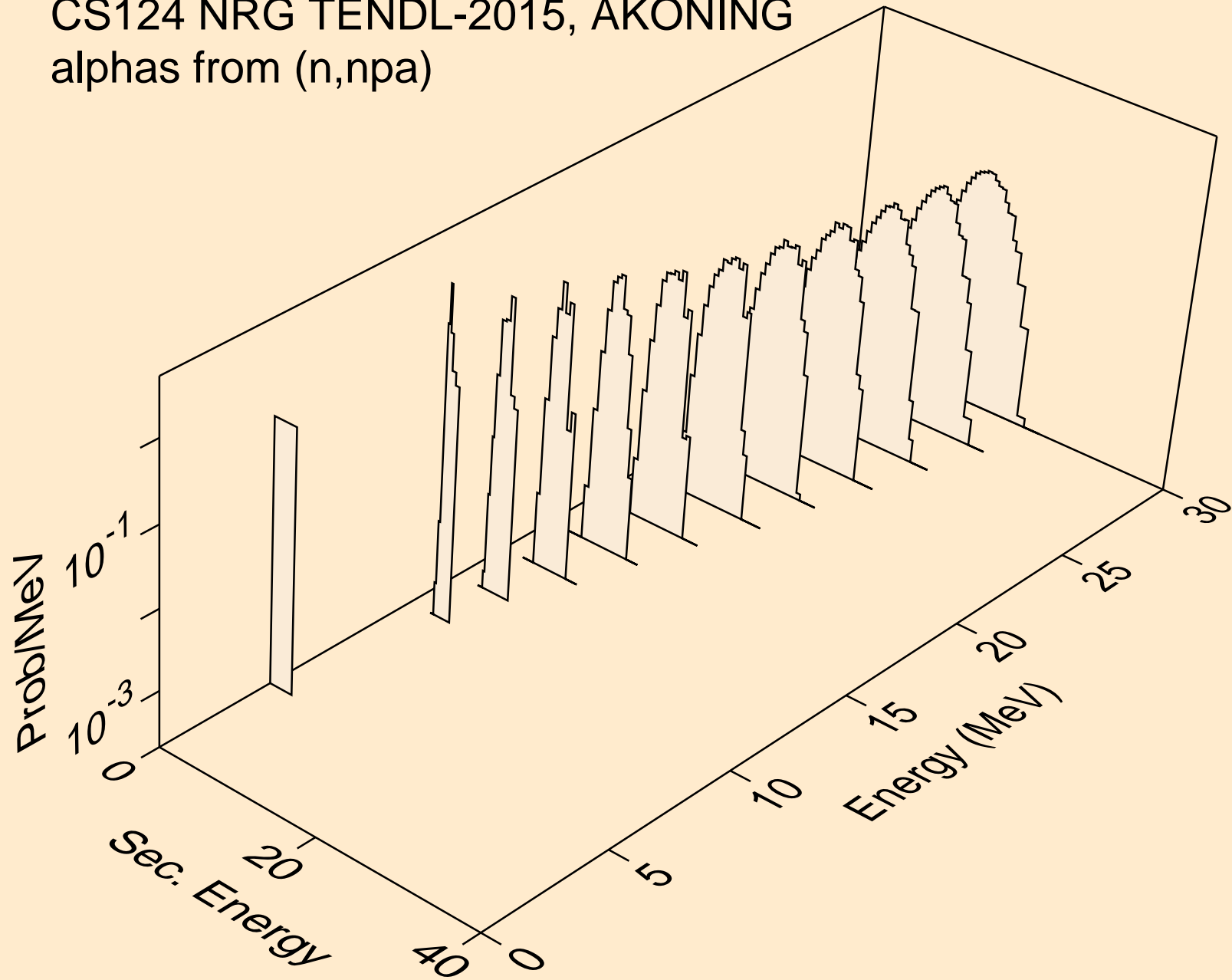
CS124 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



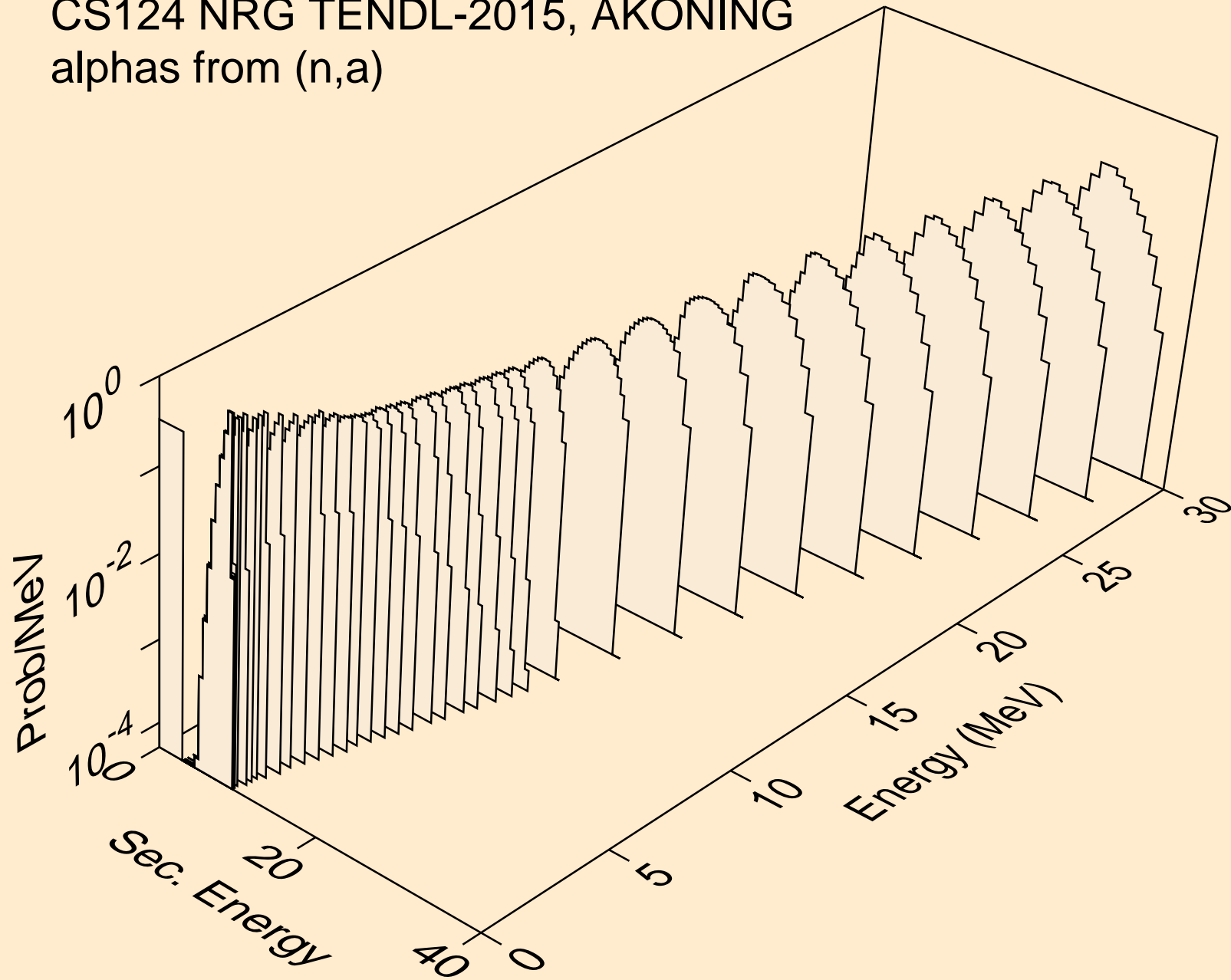
CS124 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



CS124 NRG TENDL-2015, AKONING  
alphas from (n,npa)

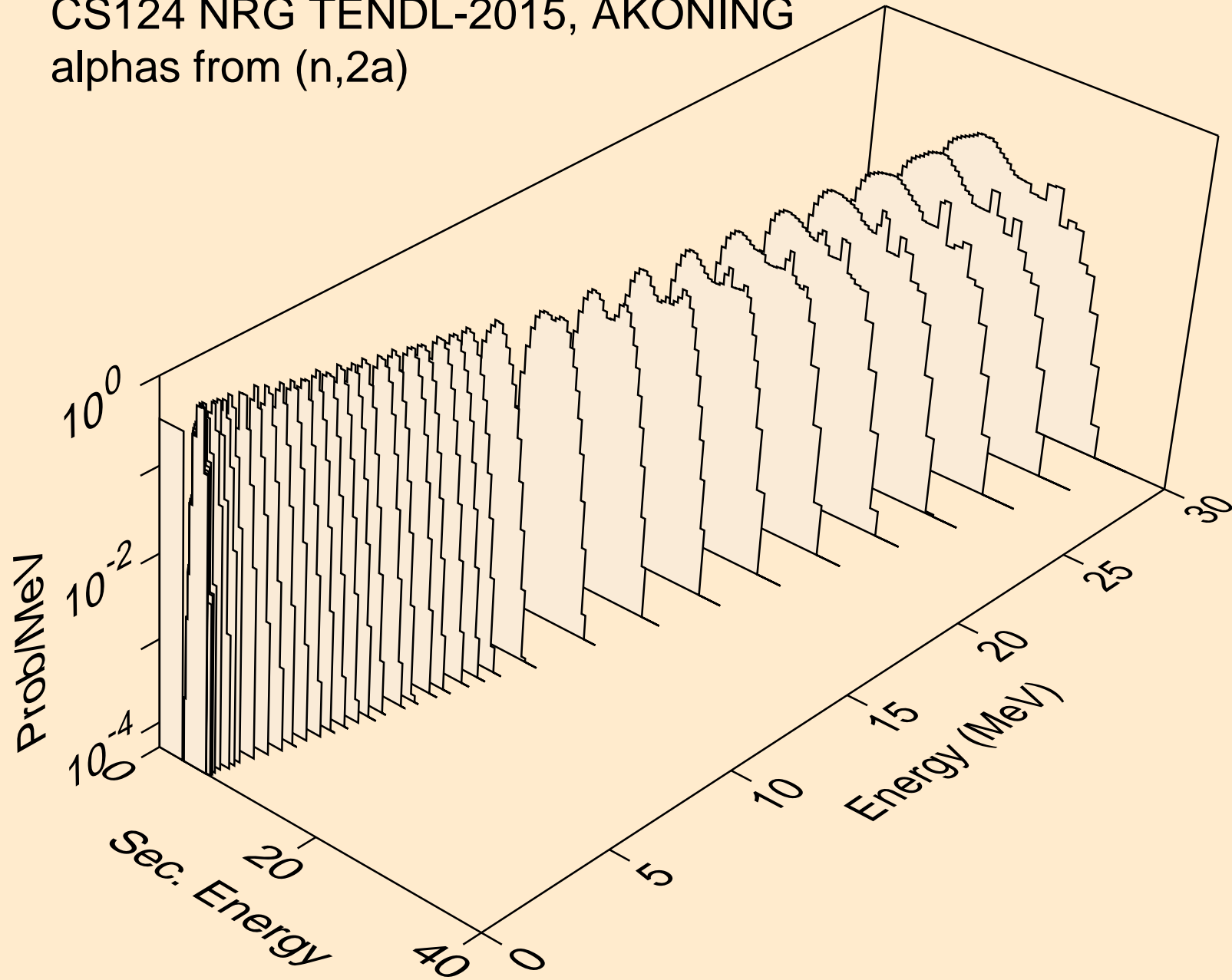


CS124 NRG TENDL-2015, AKONING  
alphas from (n,a)

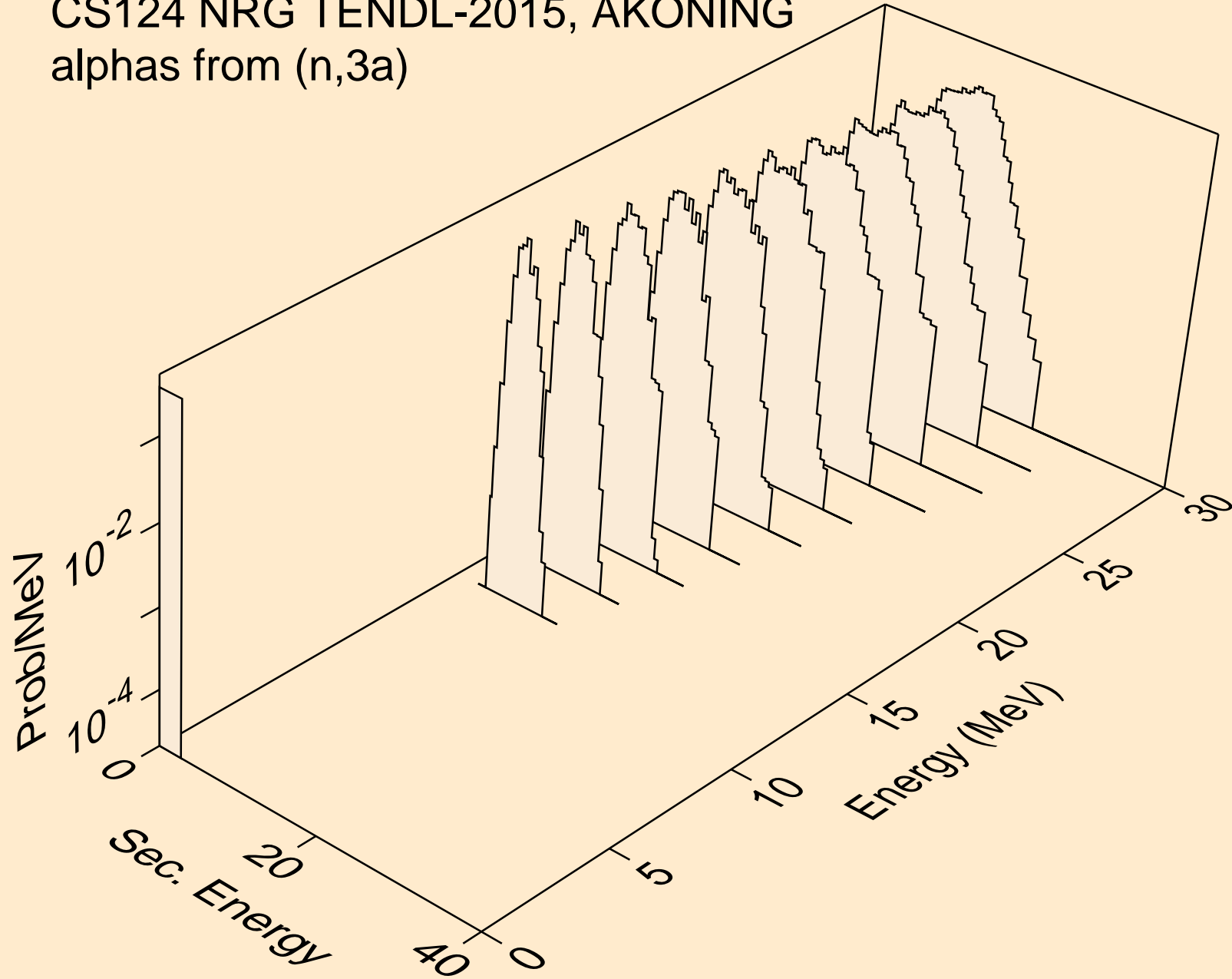




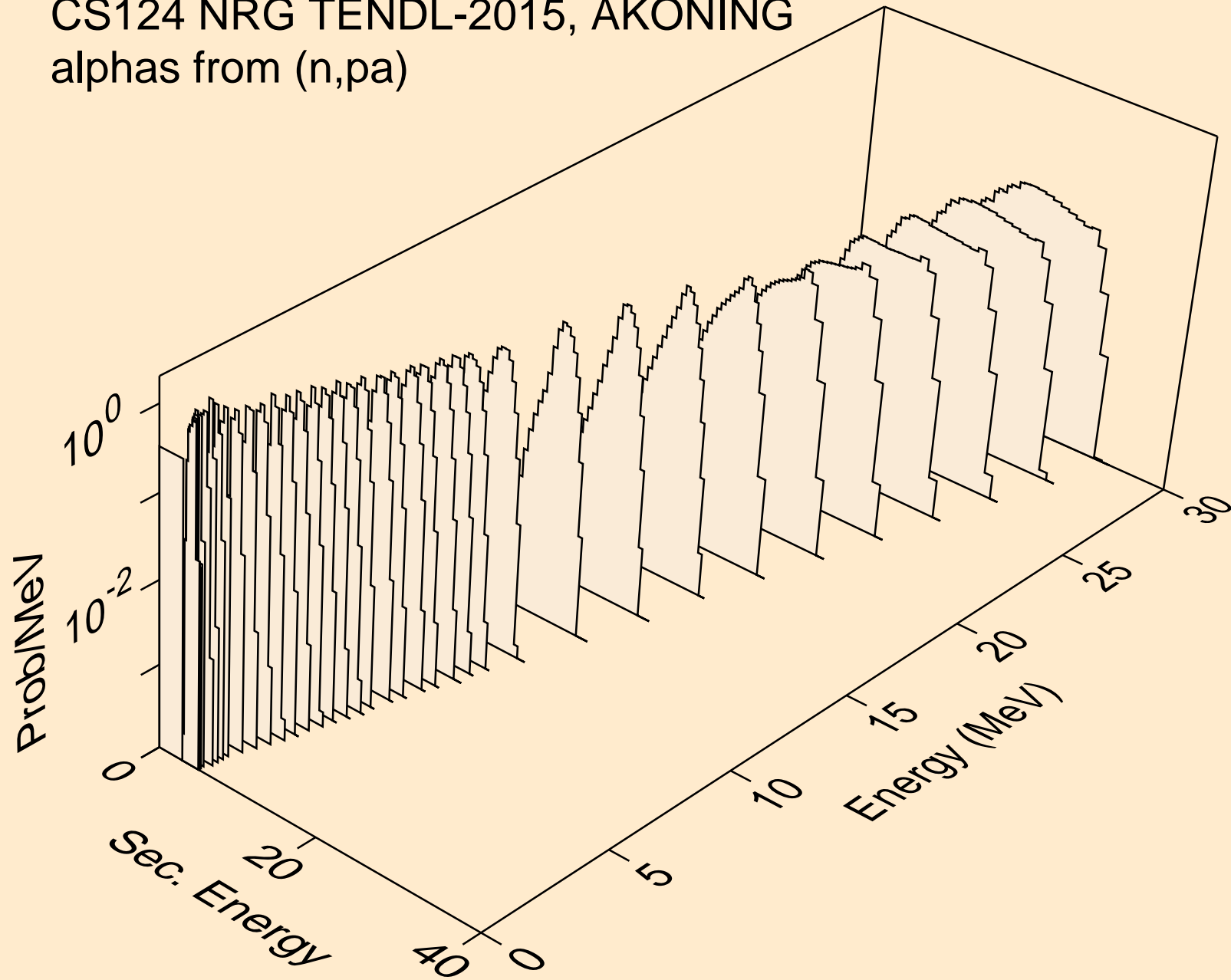
CS124 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CS124 NRG TENDL-2015, AKONING  
alphas from (n,3a)



CS124 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CS124 NRG TENDL-2015, AKONING  
alphas from (n,da)

