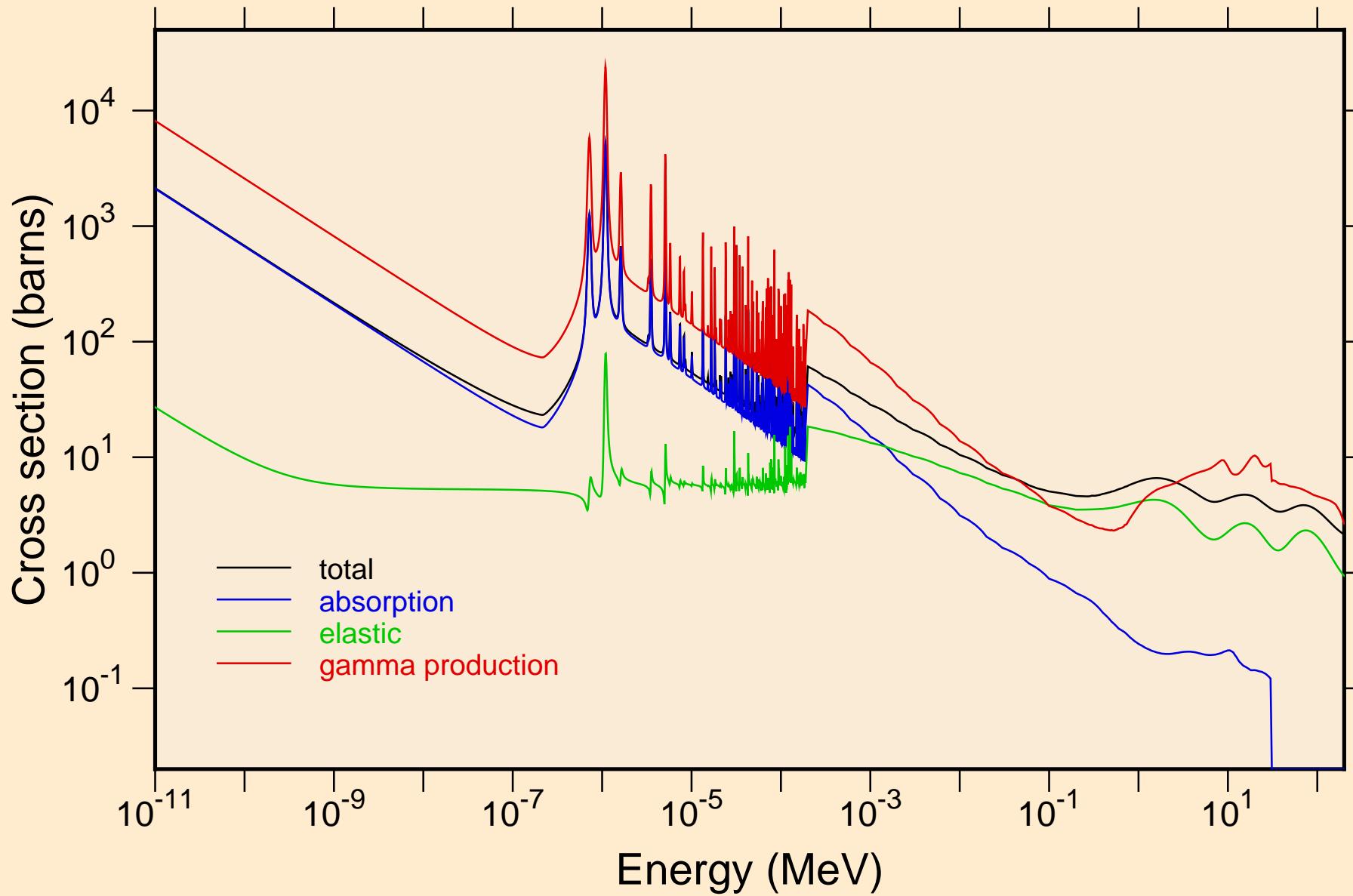
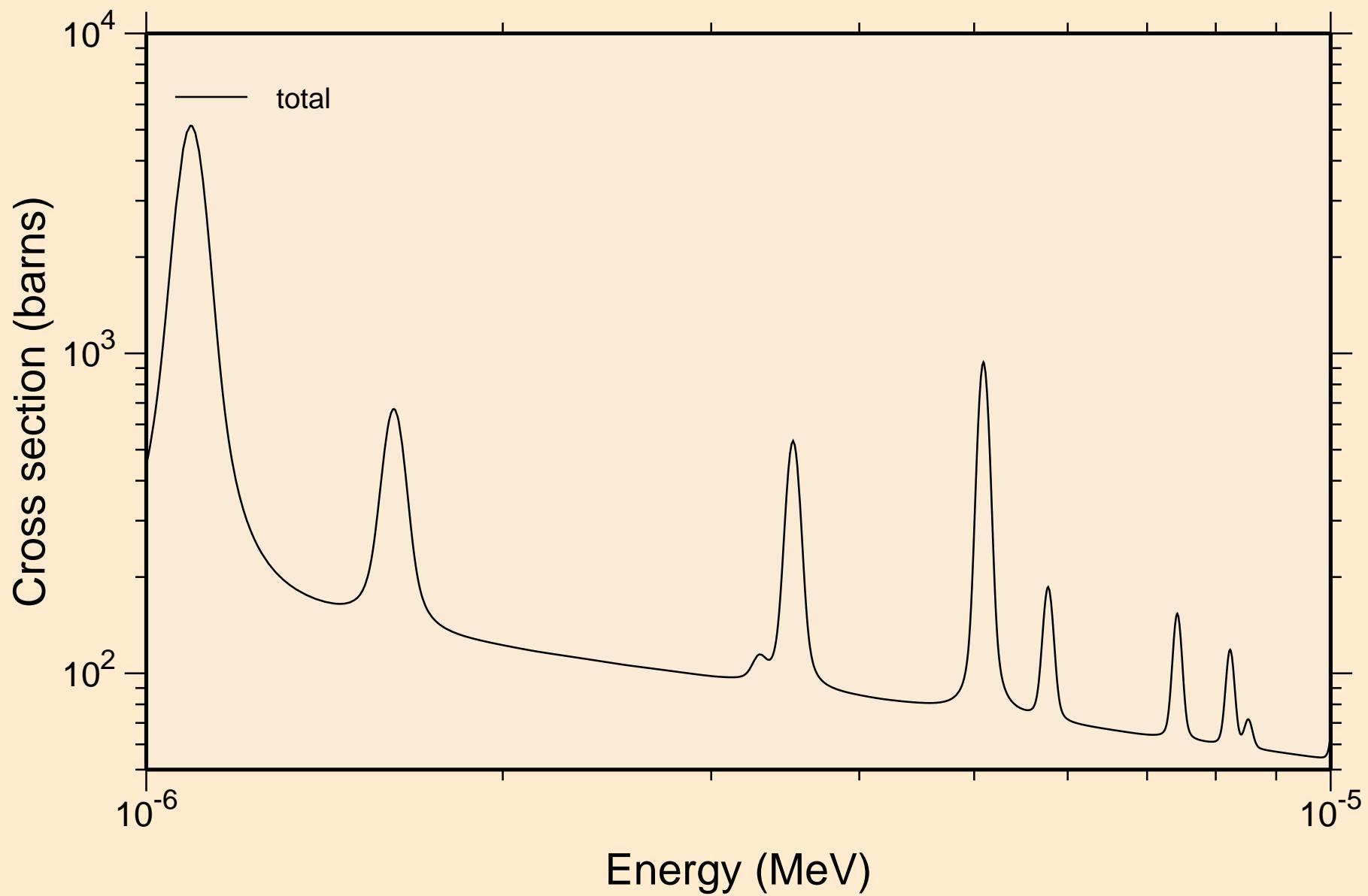


# CE131M NRG TENDL-2015, AKONING

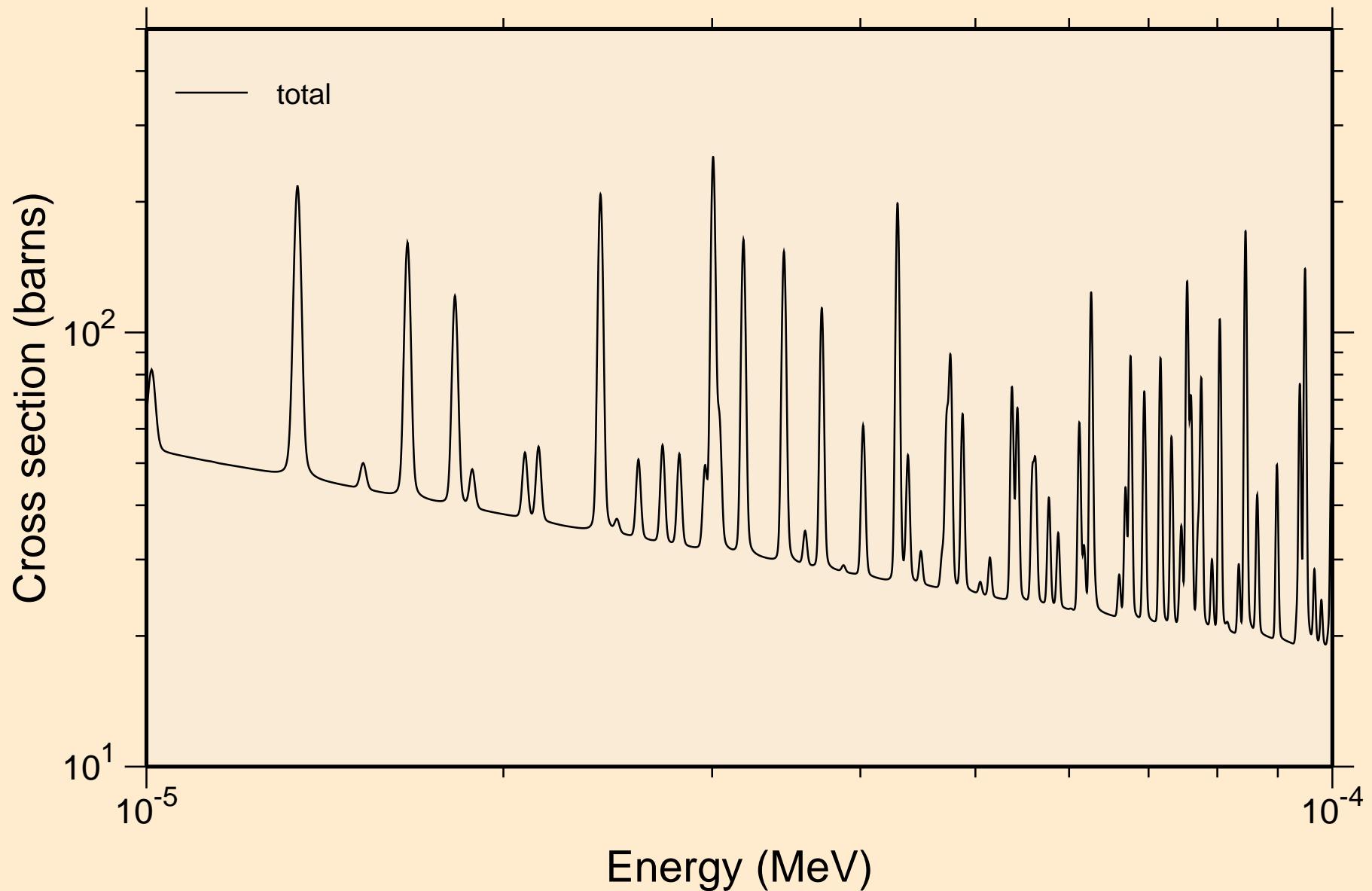
## Principal cross sections



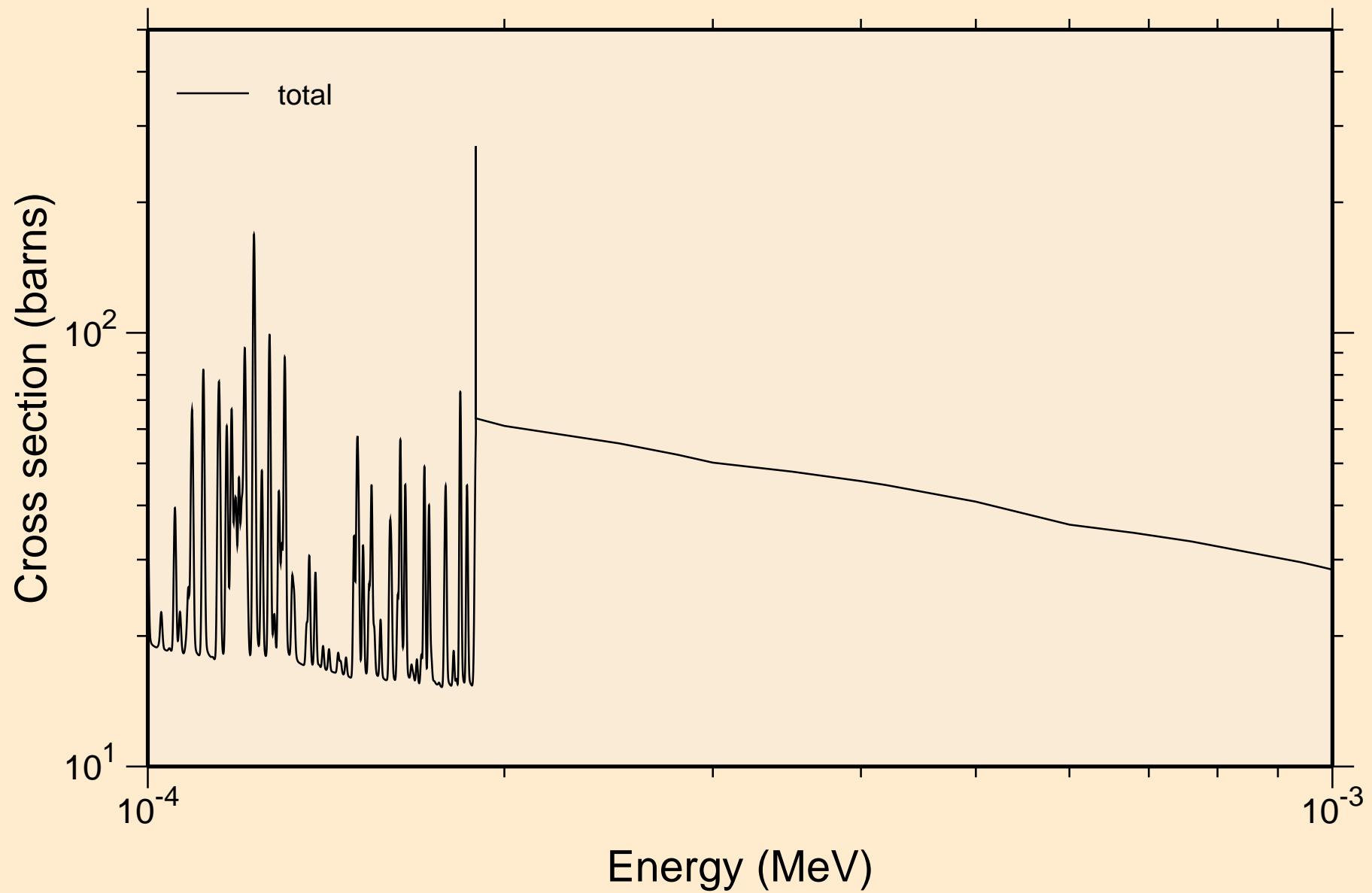
CE131M NRG TENDL-2015, AKONING  
resonance total cross section



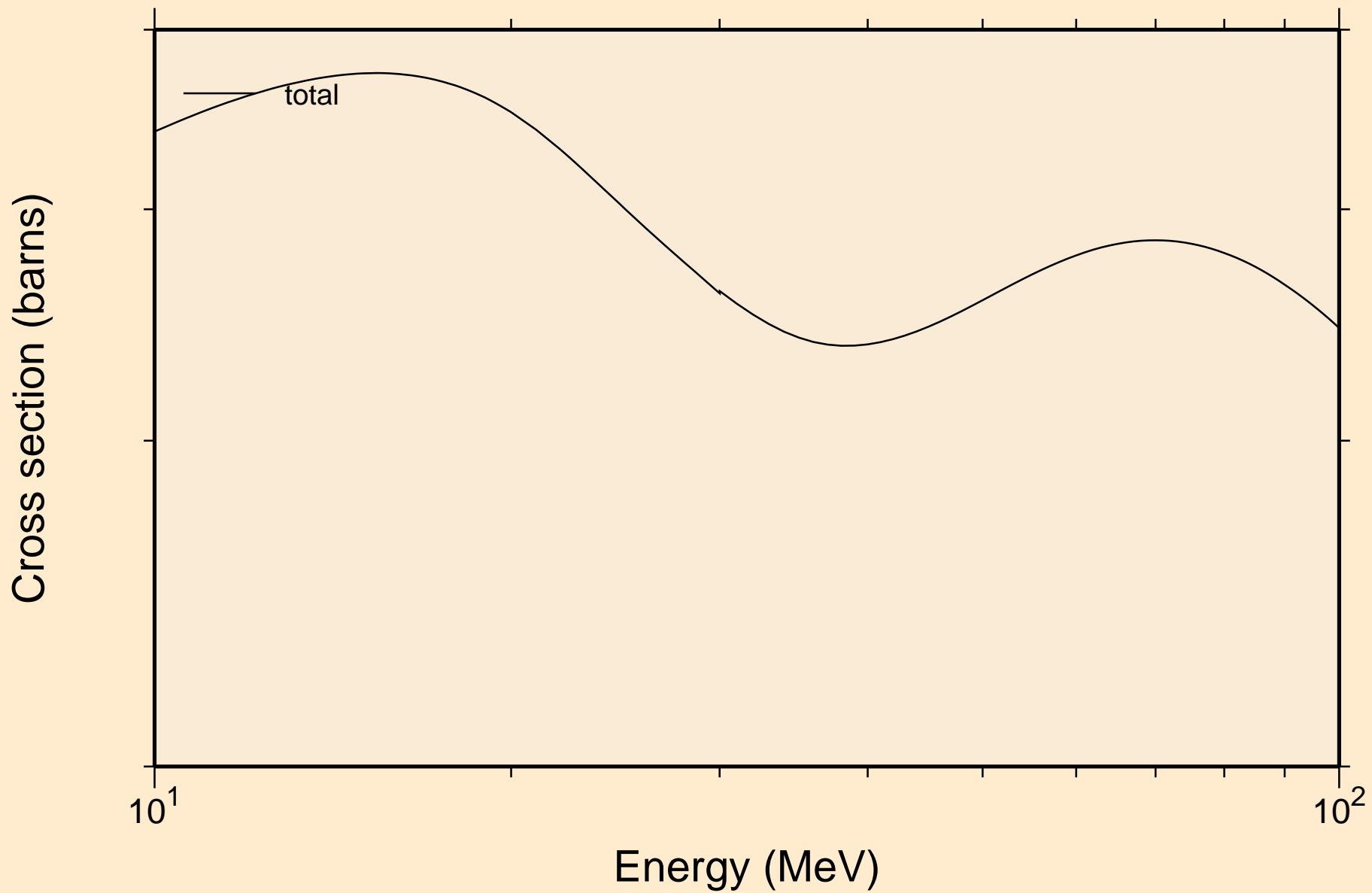
CE131M NRG TENDL-2015, AKONING  
resonance total cross section



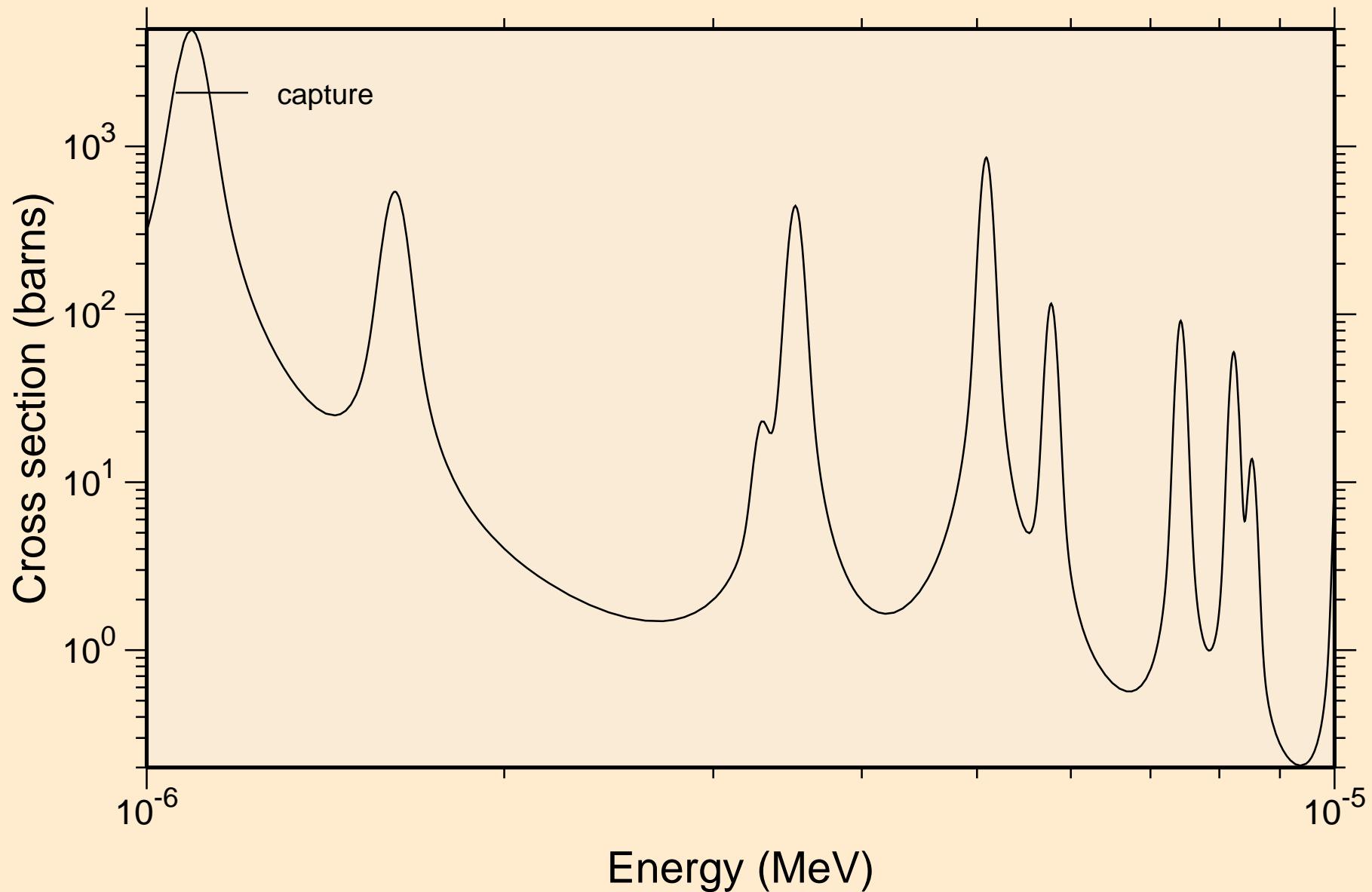
CE131M NRG TENDL-2015, AKONING  
resonance total cross section



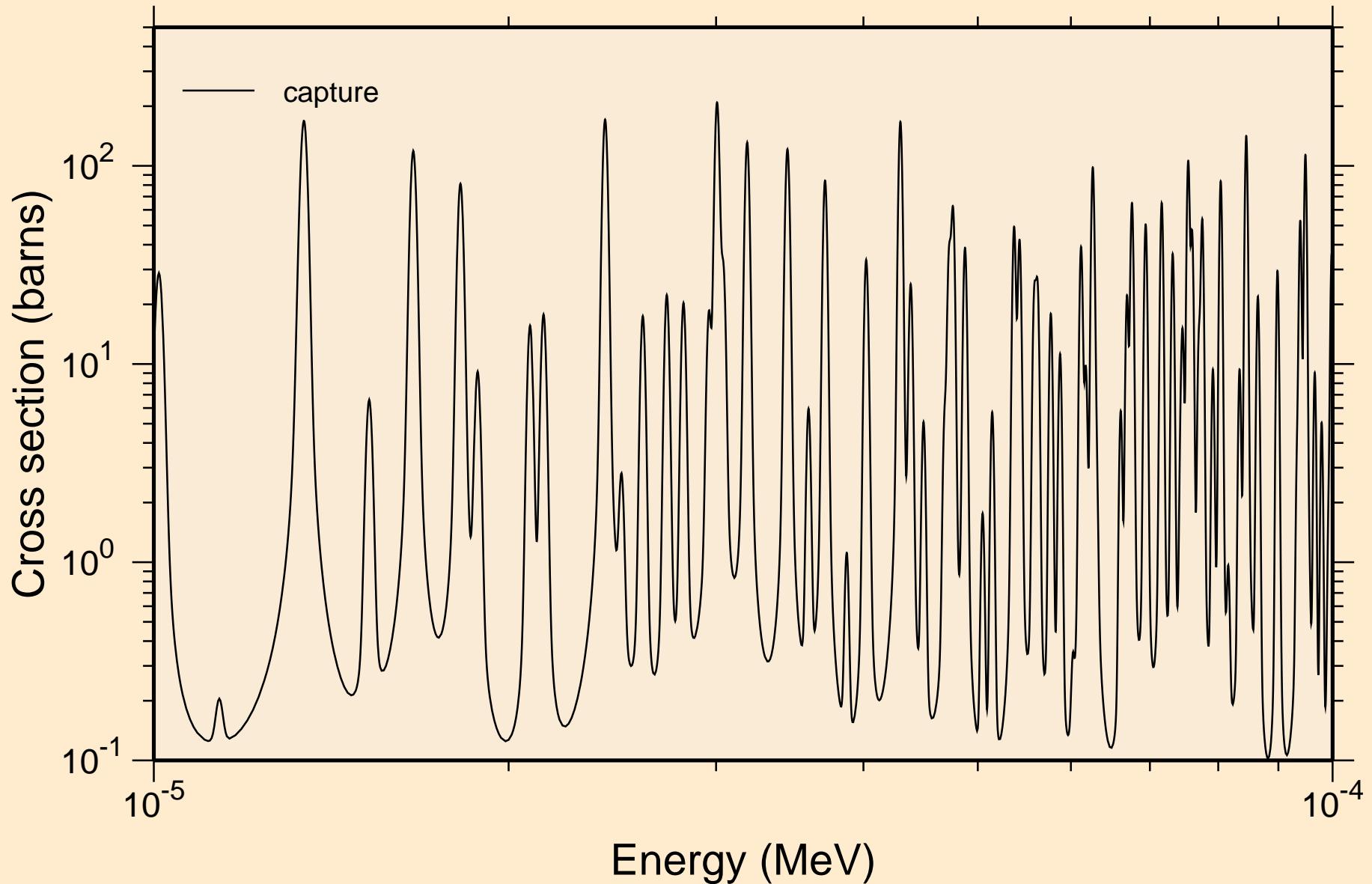
CE131M NRG TENDL-2015, AKONING  
resonance total cross section



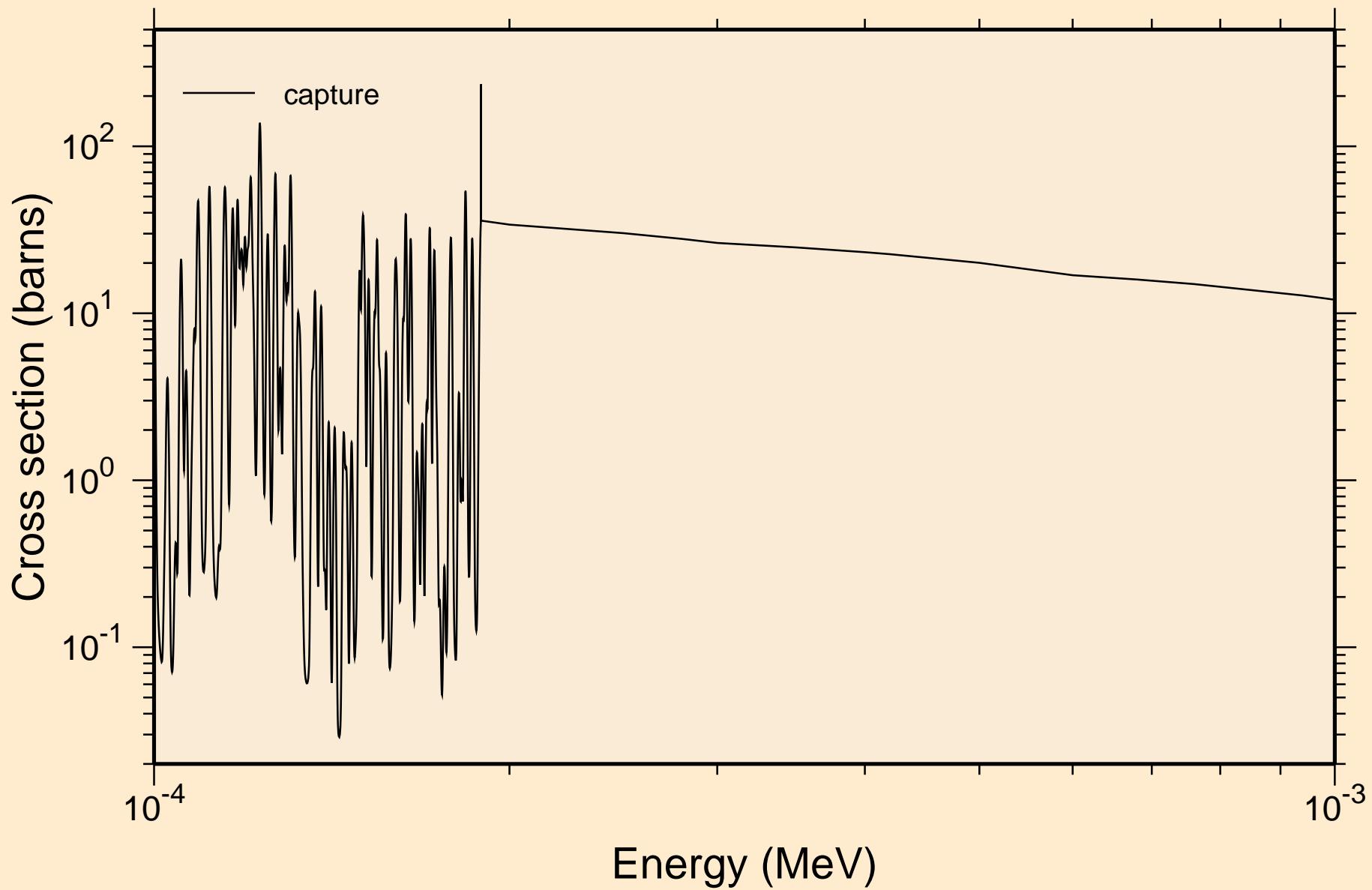
CE131M NRG TENDL-2015, AKONING  
resonance absorption cross sections



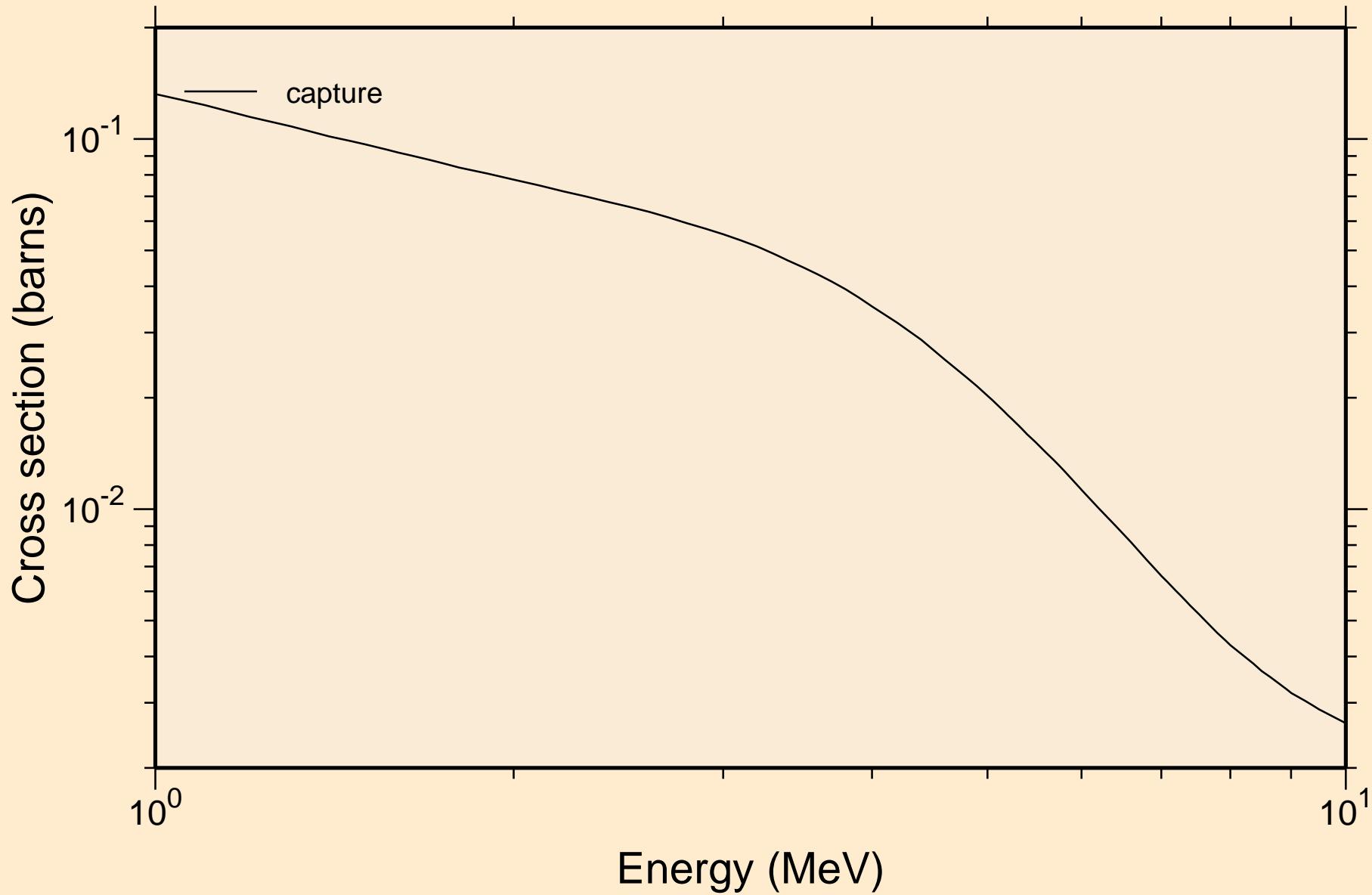
# CE131M NRG TENDL-2015, AKONING resonance absorption cross sections



CE131M NRG TENDL-2015, AKONING  
resonance absorption cross sections

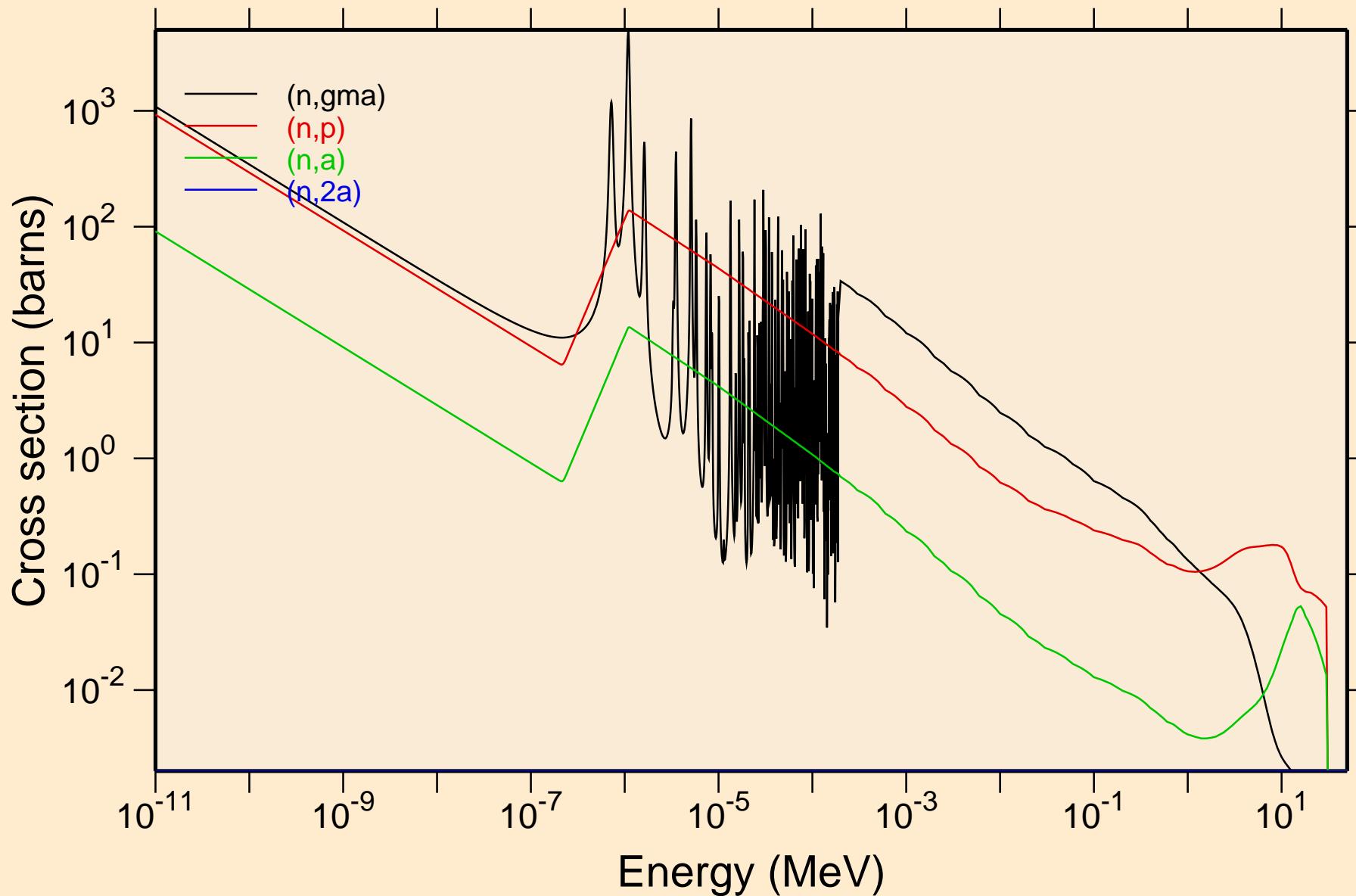


CE131M NRG TENDL-2015, AKONING  
resonance absorption cross sections



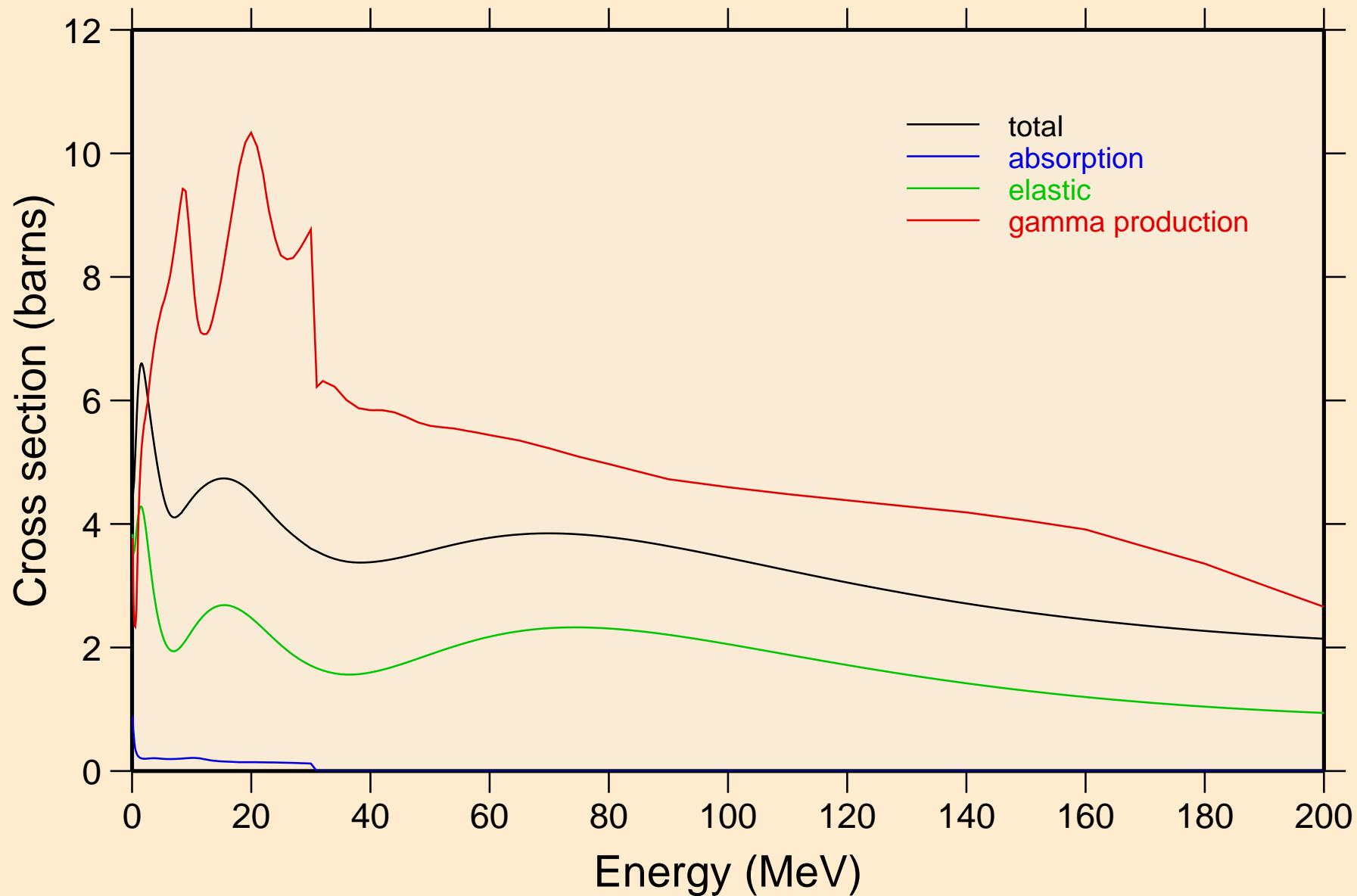
# CE131M NRG TENDL-2015, AKONING

## Non-threshold reactions



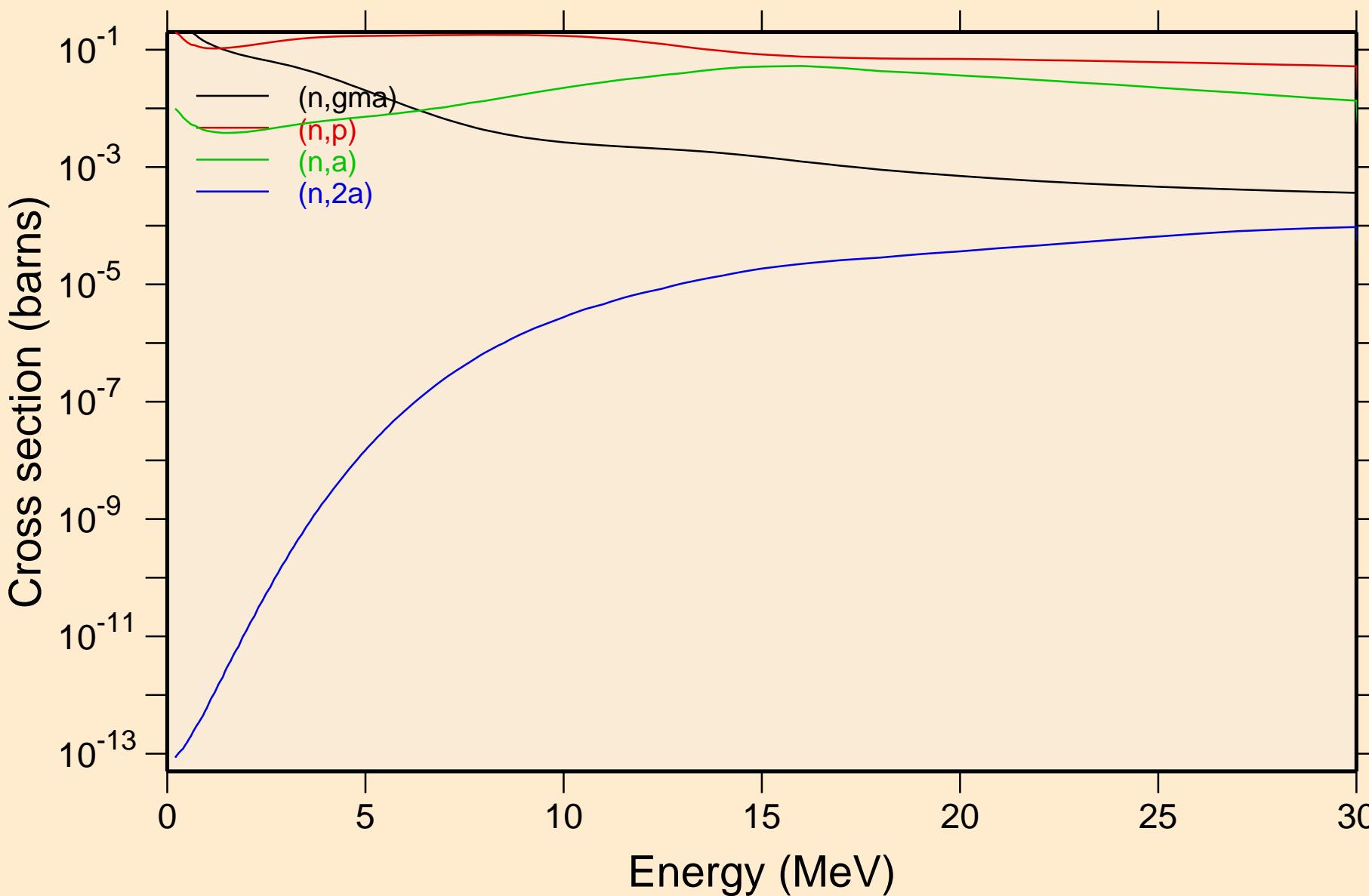
# CE131M NRG TENDL-2015, AKONING

## Principal cross sections



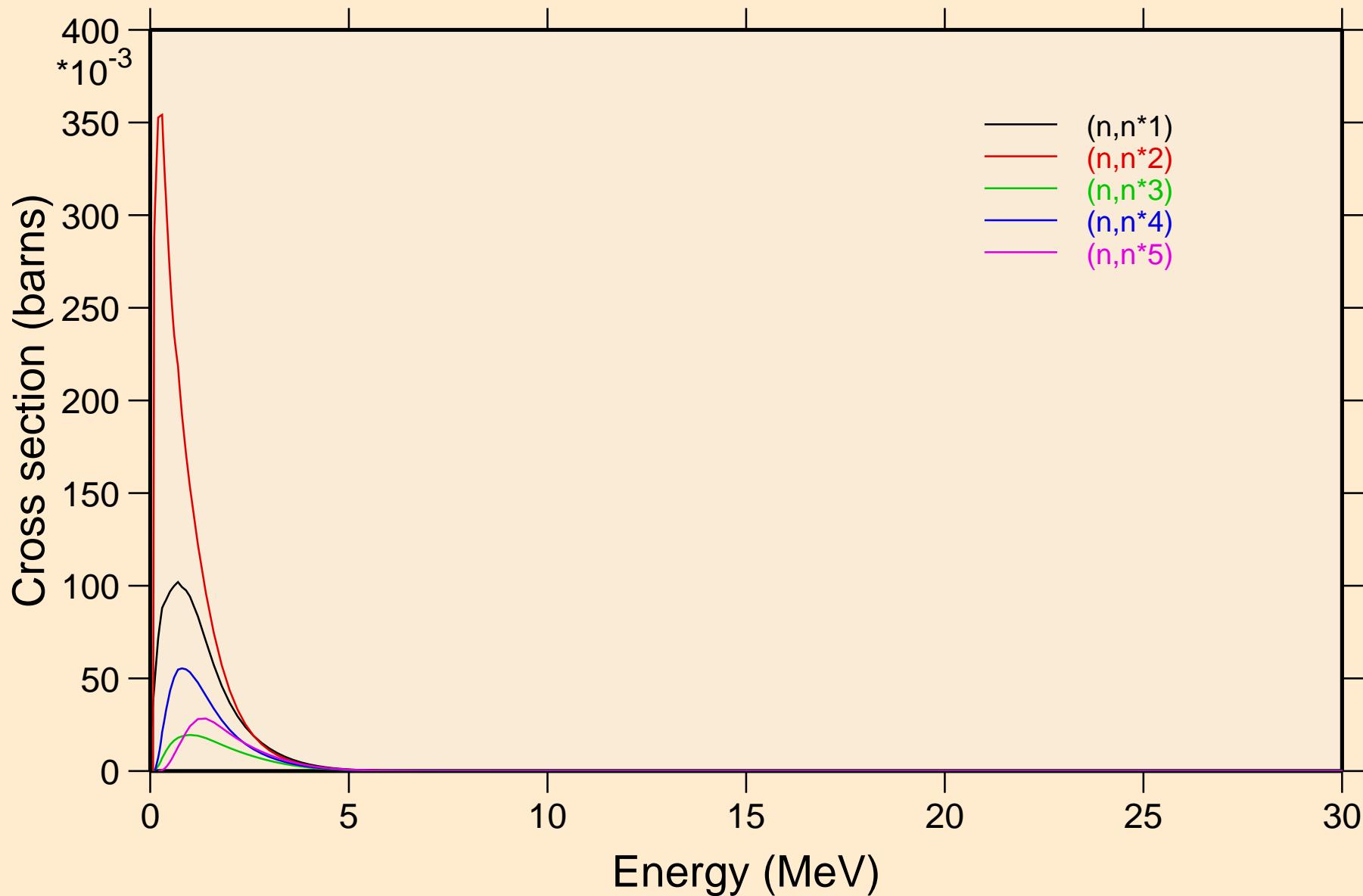
# CE131M NRG TENDL-2015, AKONING

## Non-threshold reactions



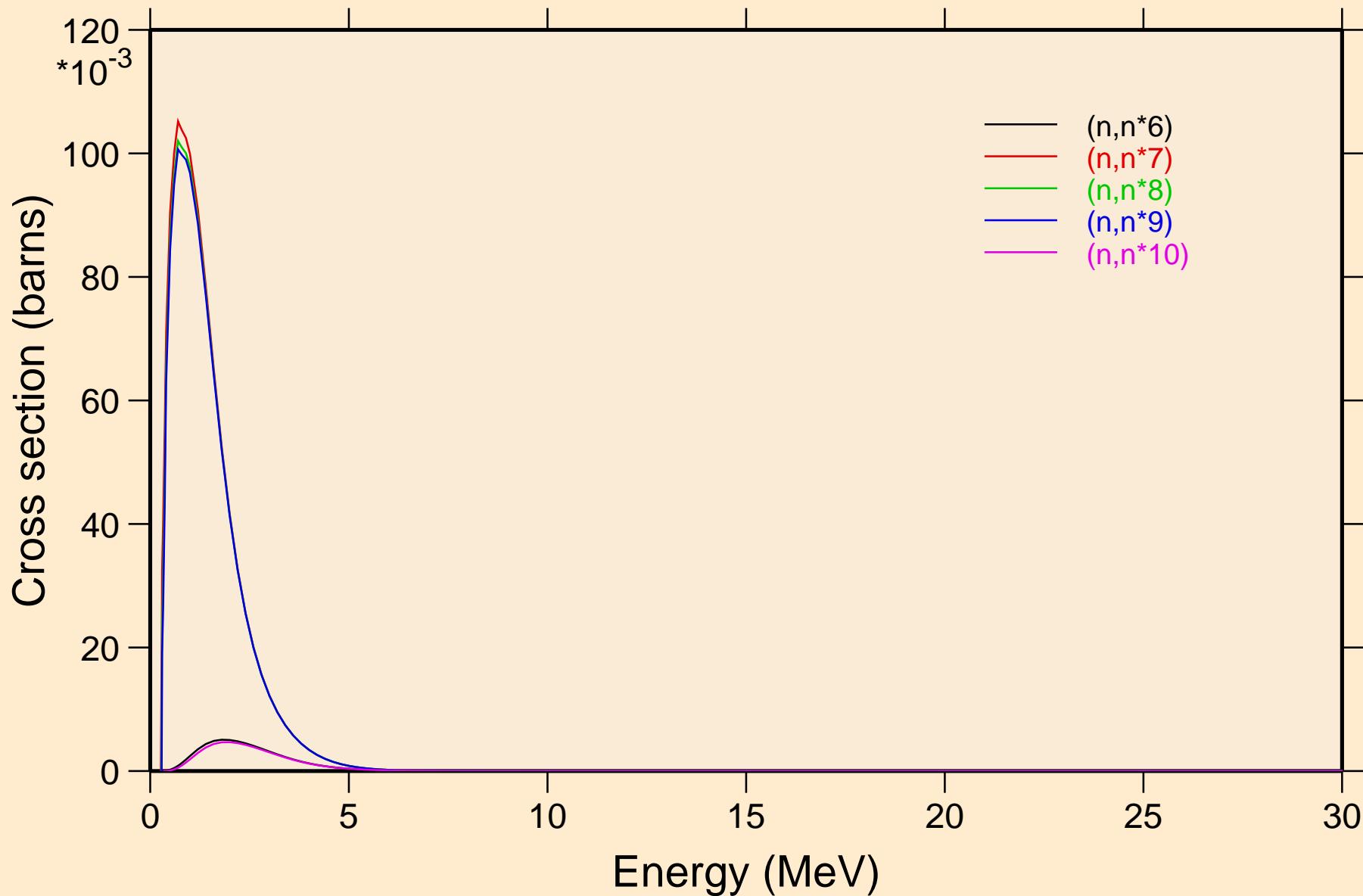
# CE131M NRG TENDL-2015, AKONING

## Inelastic levels



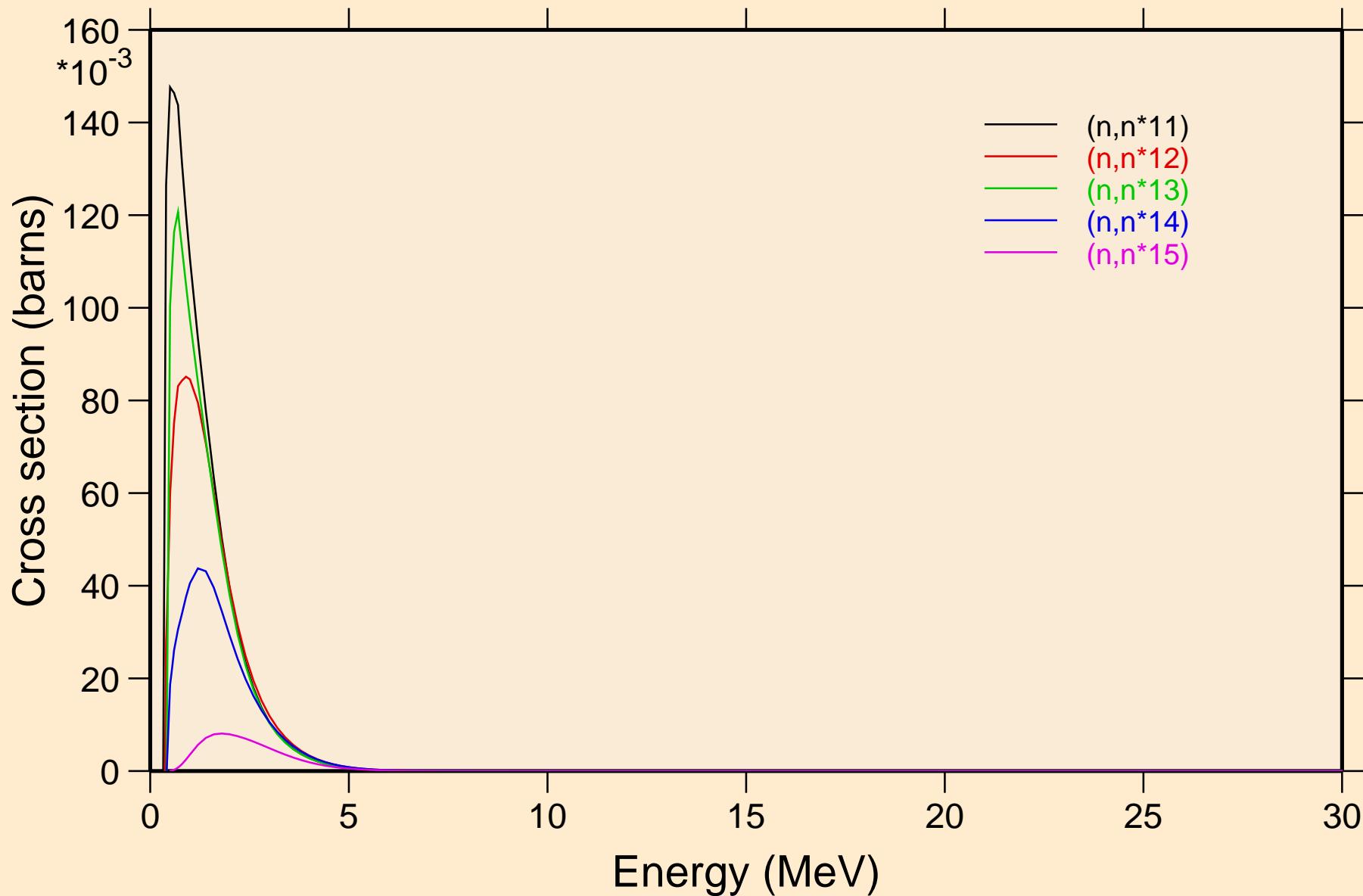
# CE131M NRG TENDL-2015, AKONING

## Inelastic levels



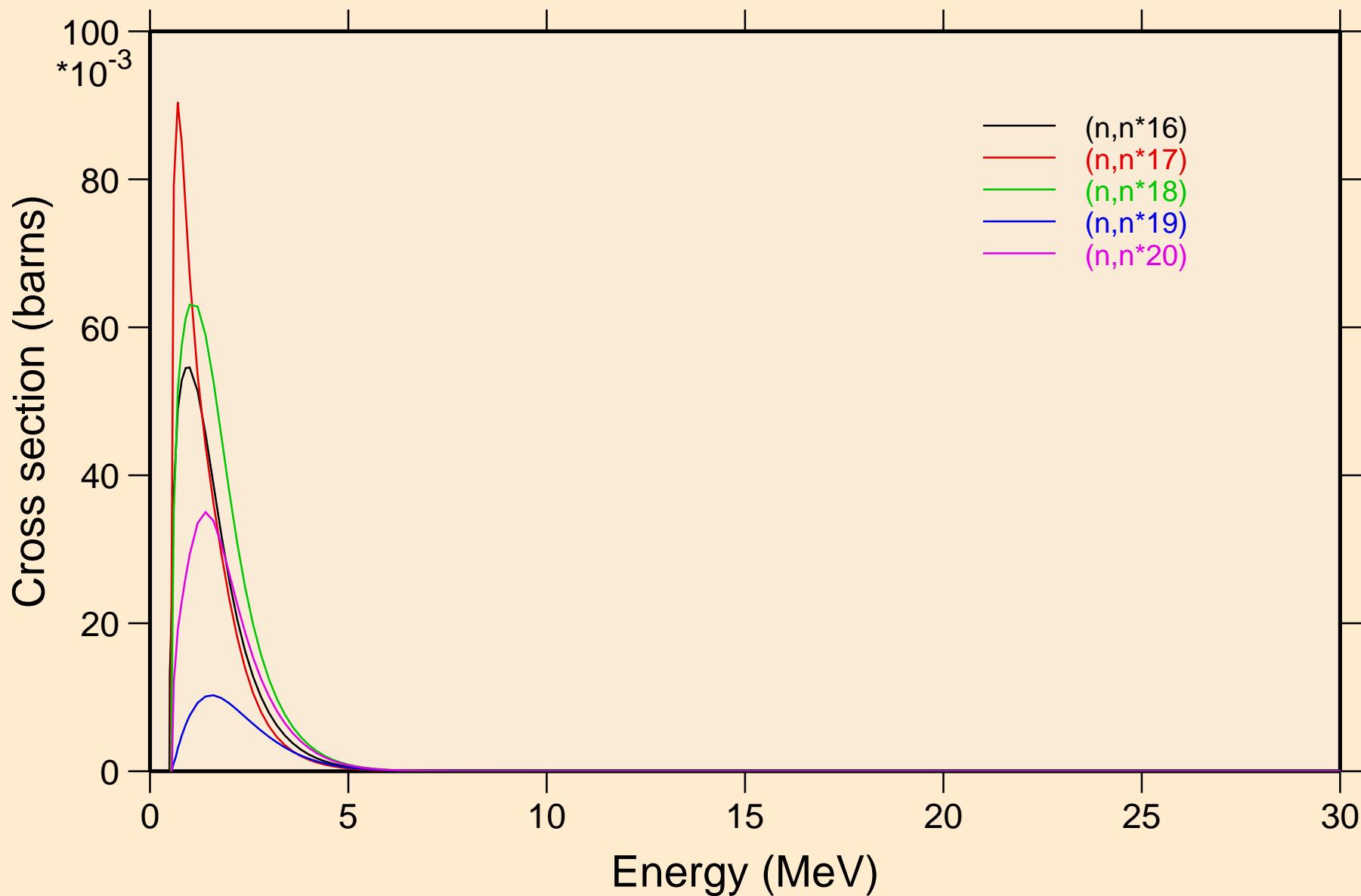
# CE131M NRG TENDL-2015, AKONING

## Inelastic levels



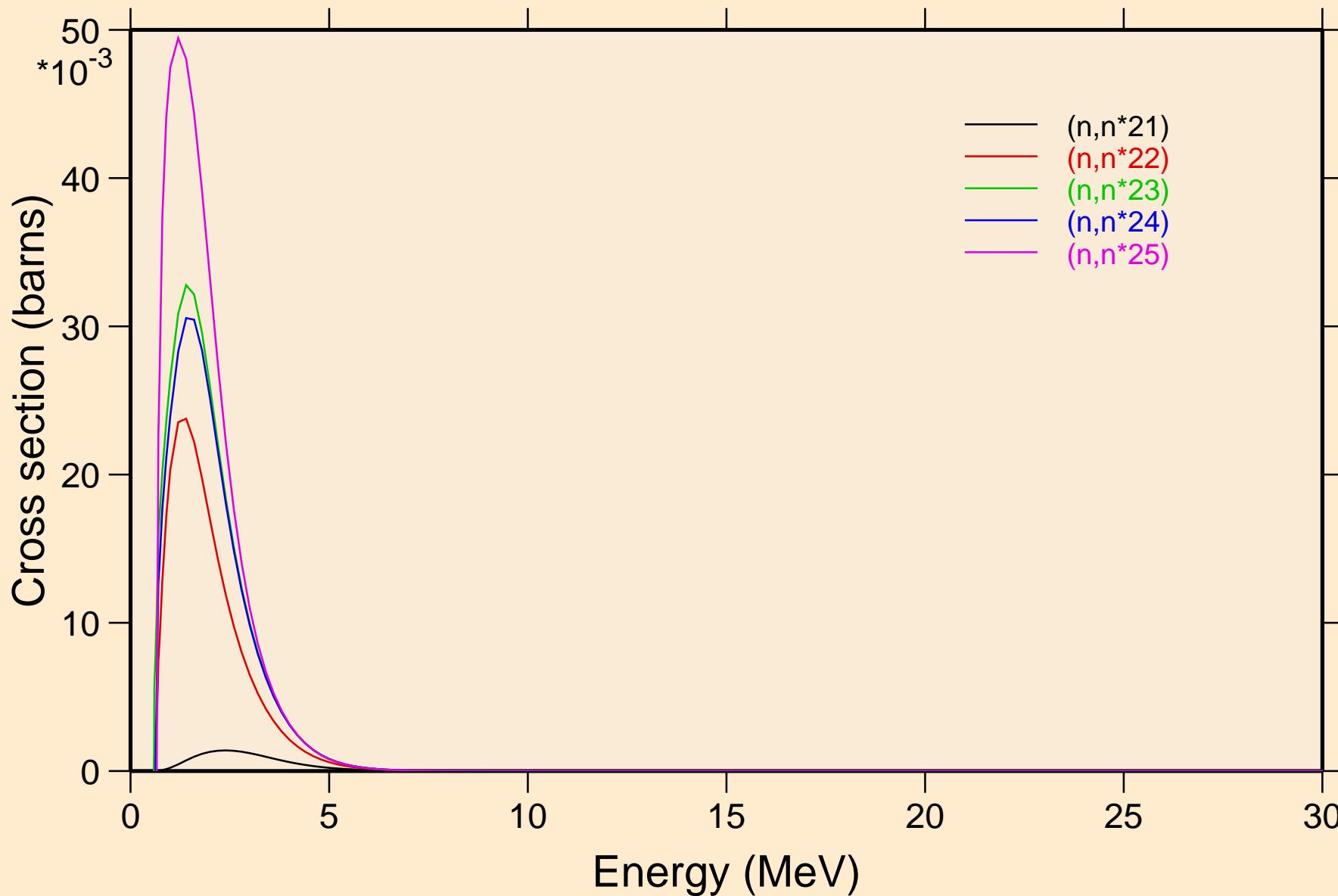
# CE131M NRG TENDL-2015, AKONING

## Inelastic levels



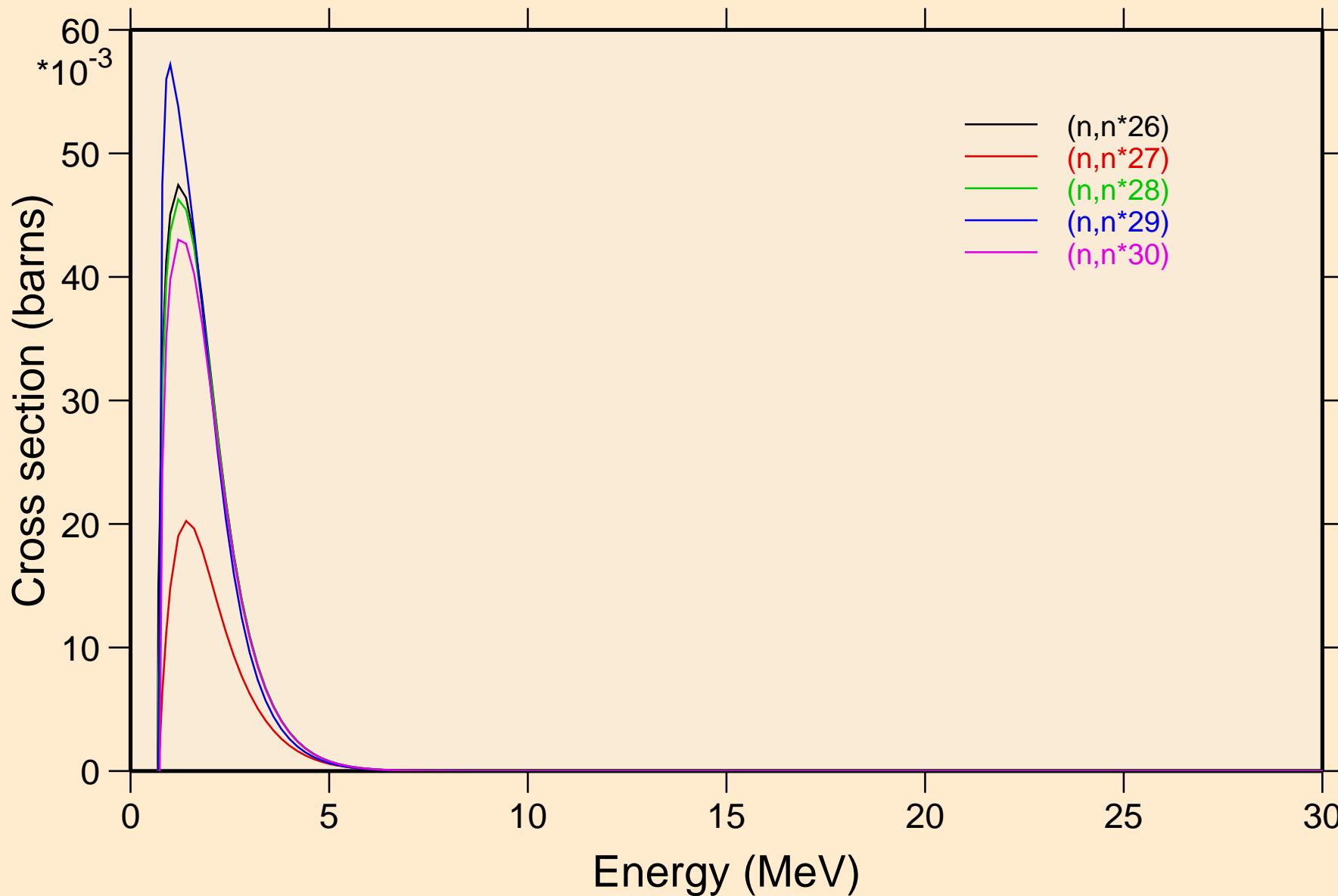
# CE131M NRG TENDL-2015, AKONING

## Inelastic levels



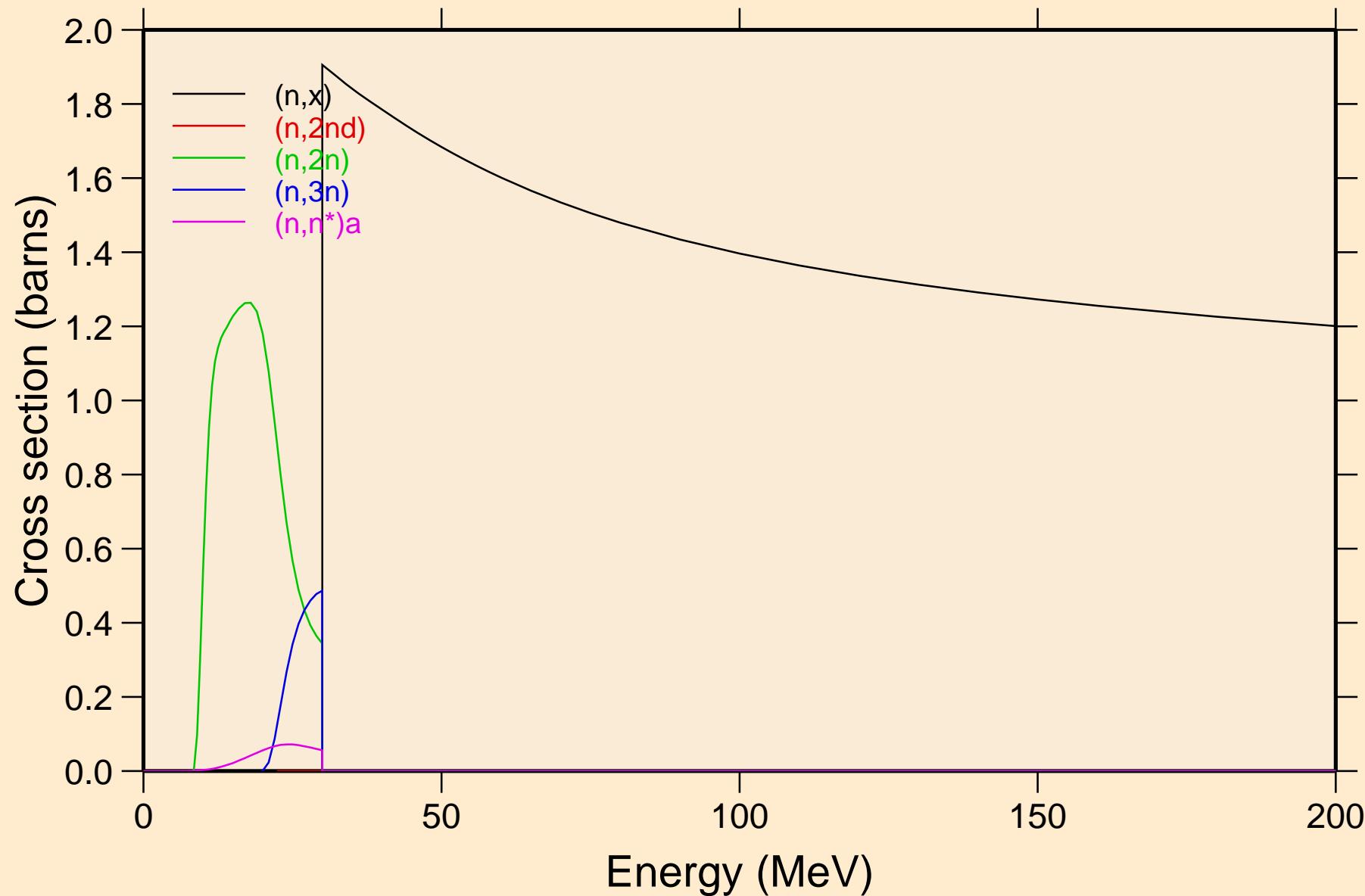
# CE131M NRG TENDL-2015, AKONING

## Inelastic levels



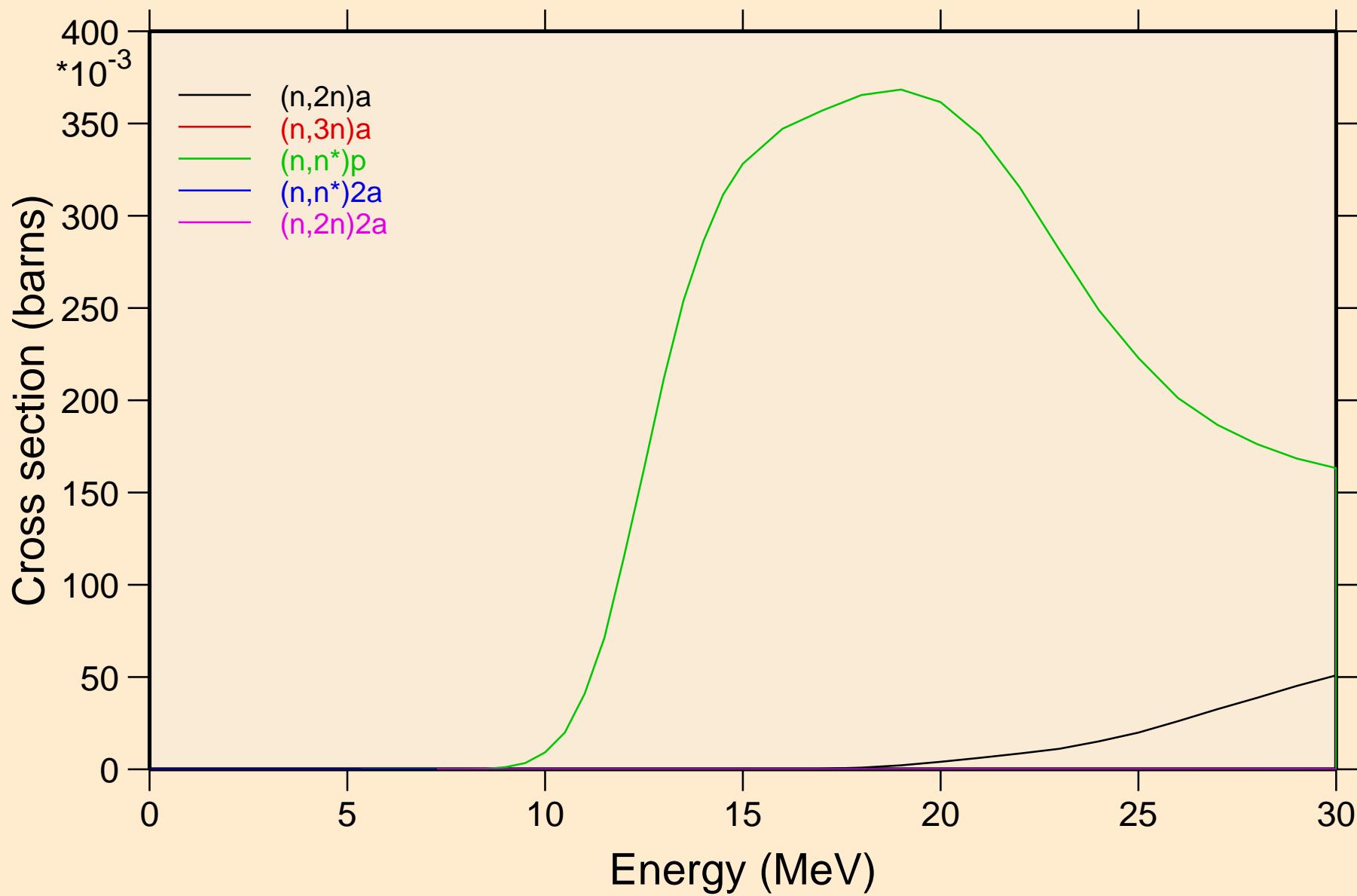
# CE131M NRG TENDL-2015, AKONING

## Threshold reactions



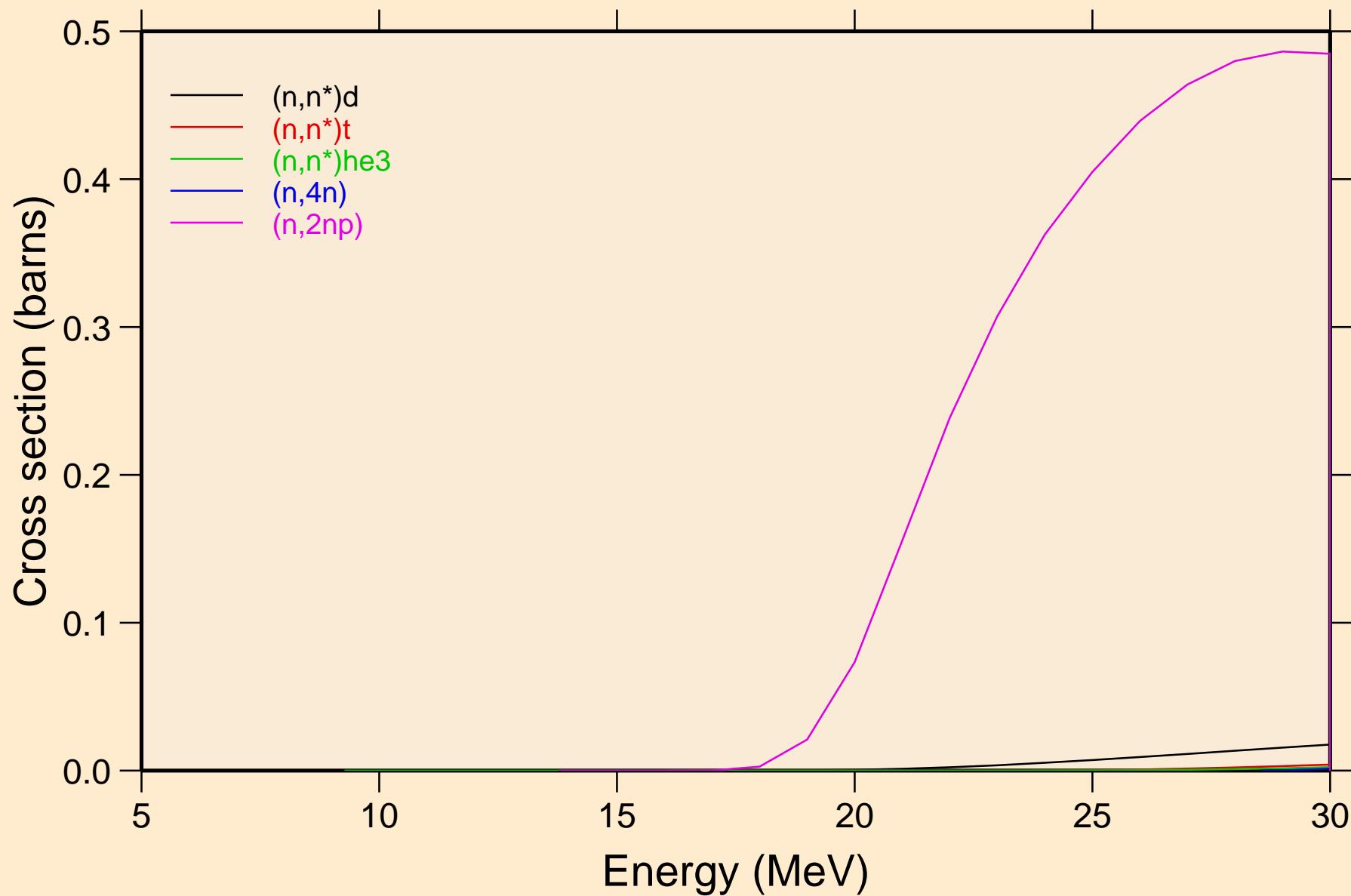
# CE131M NRG TENDL-2015, AKONING

## Threshold reactions



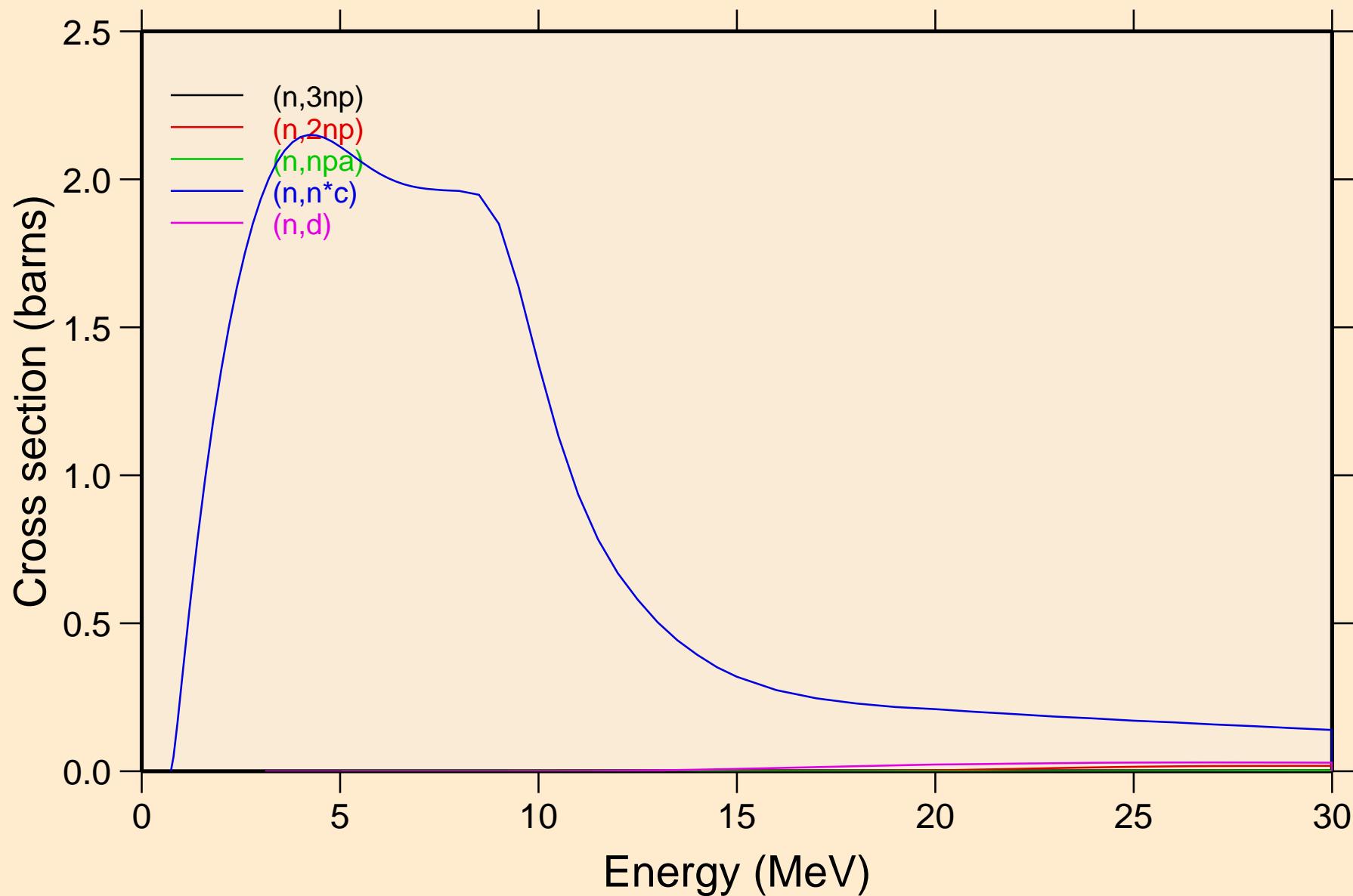
# CE131M NRG TENDL-2015, AKONING

## Threshold reactions



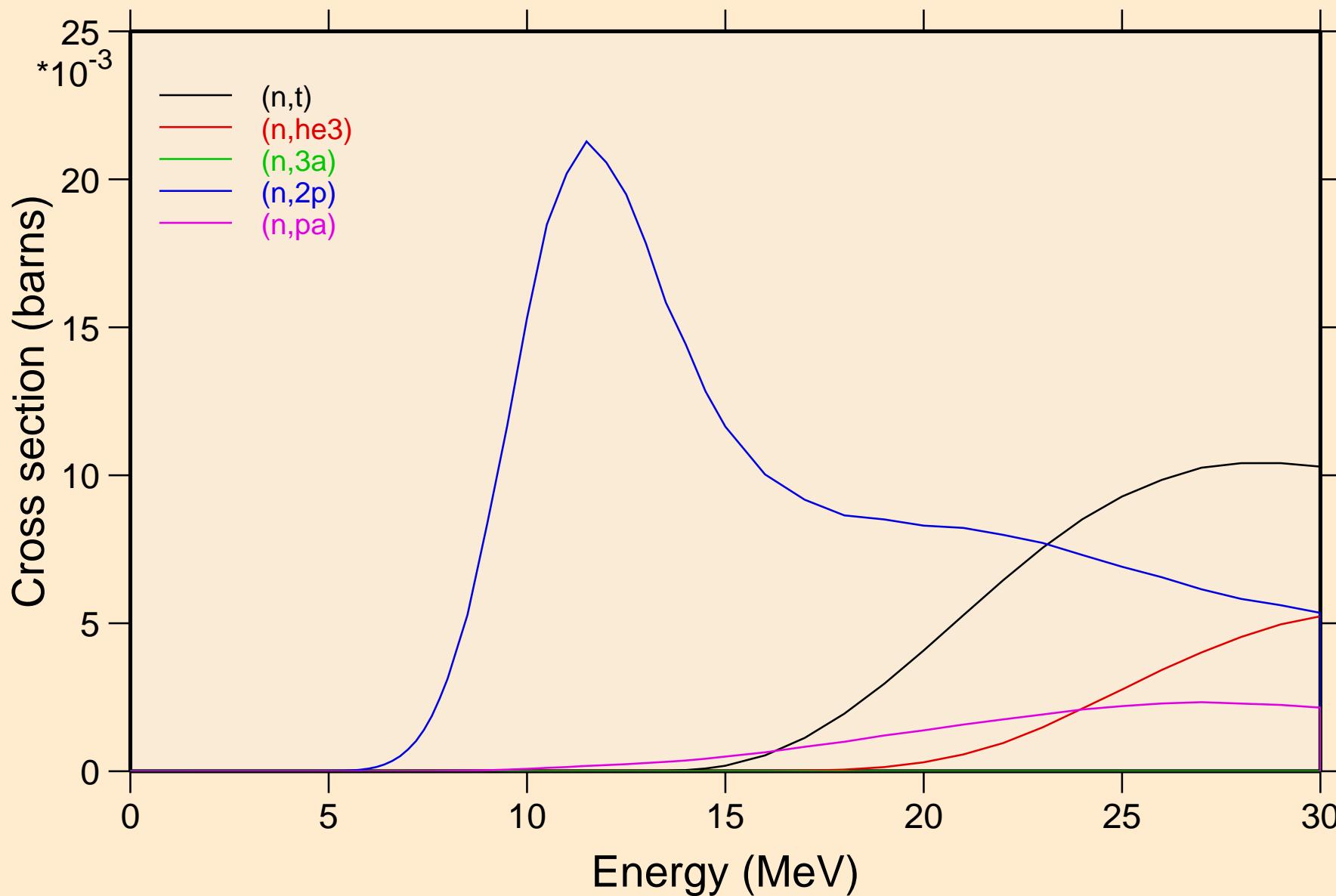
# CE131M NRG TENDL-2015, AKONING

## Threshold reactions



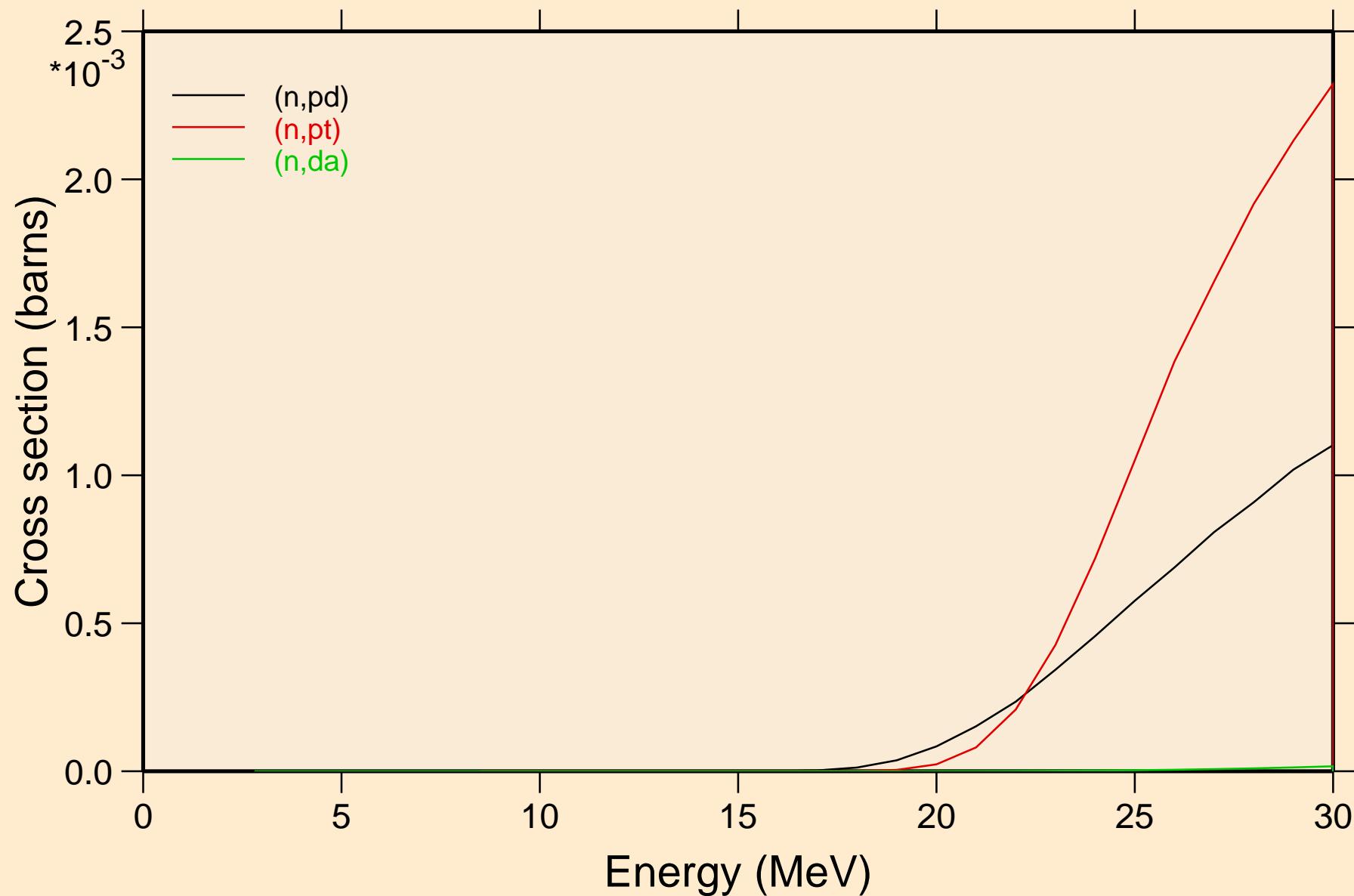
# CE131M NRG TENDL-2015, AKONING

## Threshold reactions

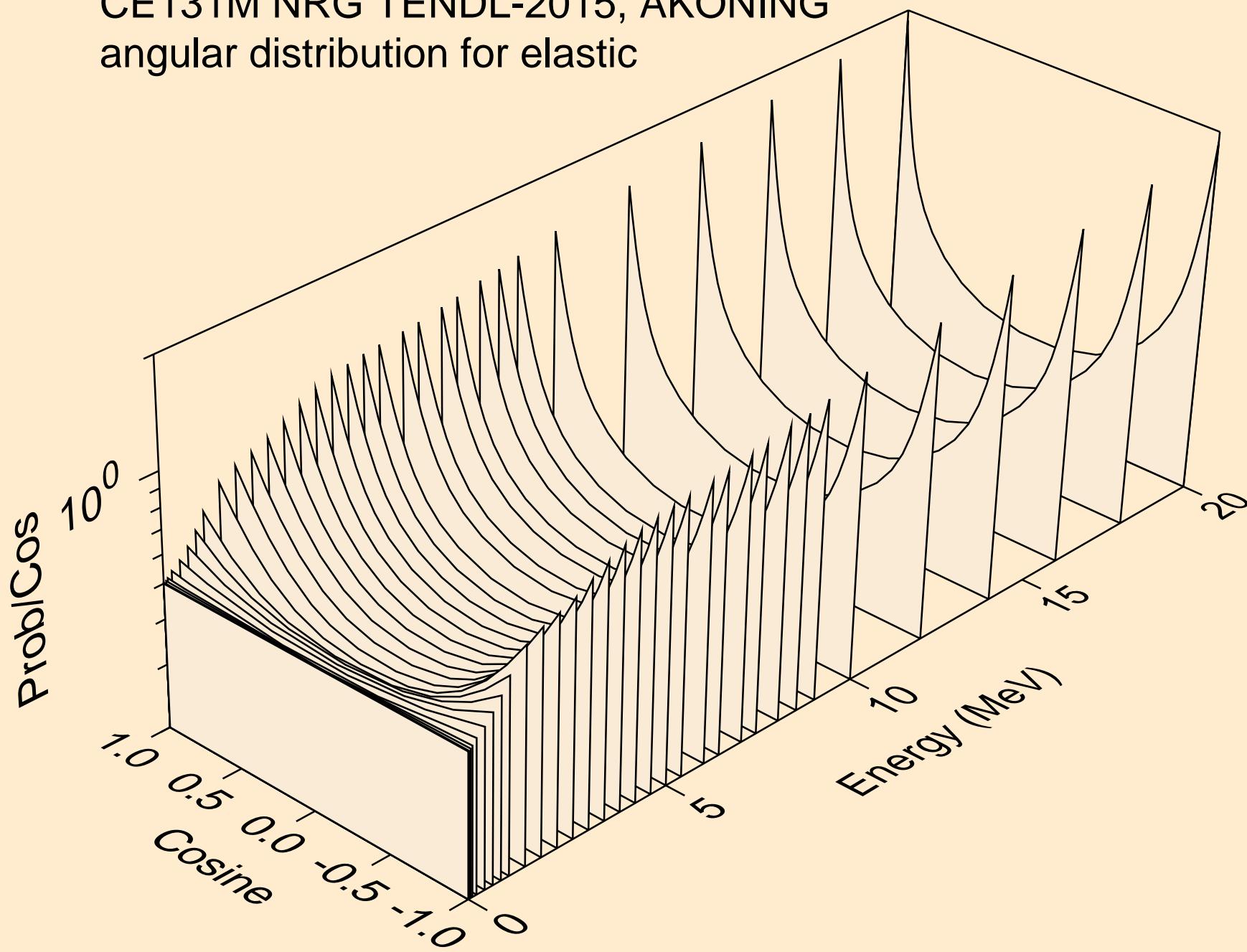


# CE131M NRG TENDL-2015, AKONING

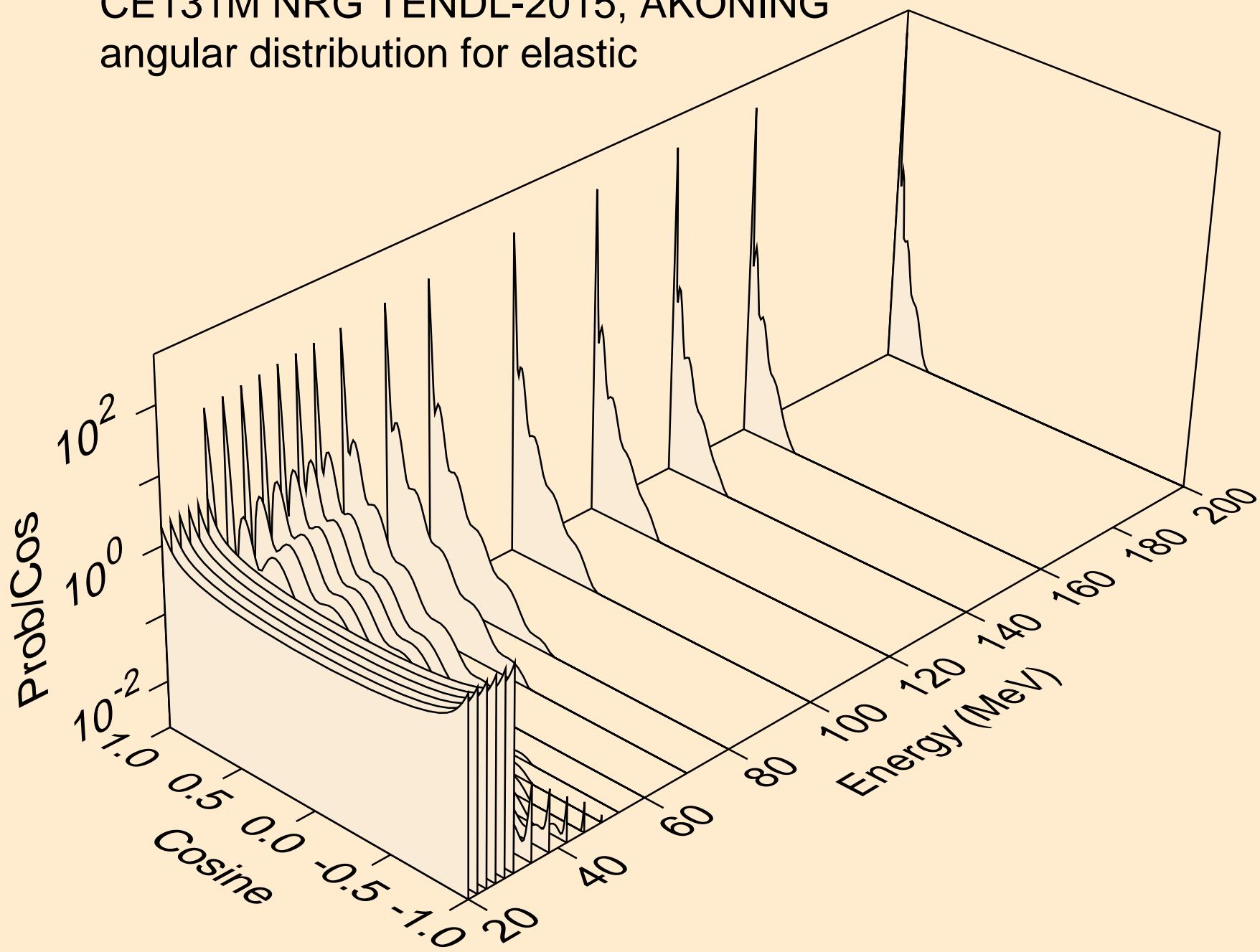
## Threshold reactions



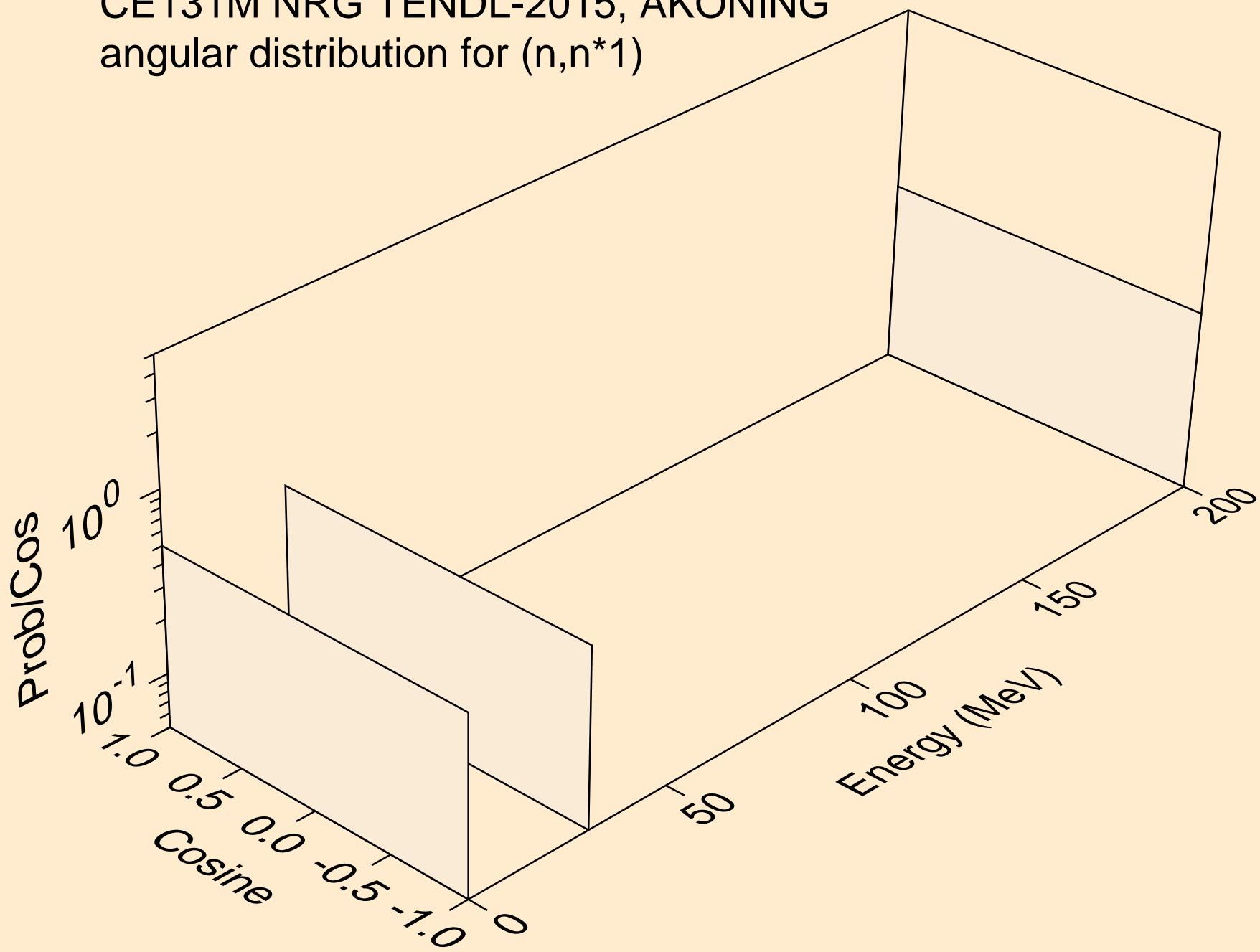
CE131M NRG TENDL-2015, AKONING  
angular distribution for elastic



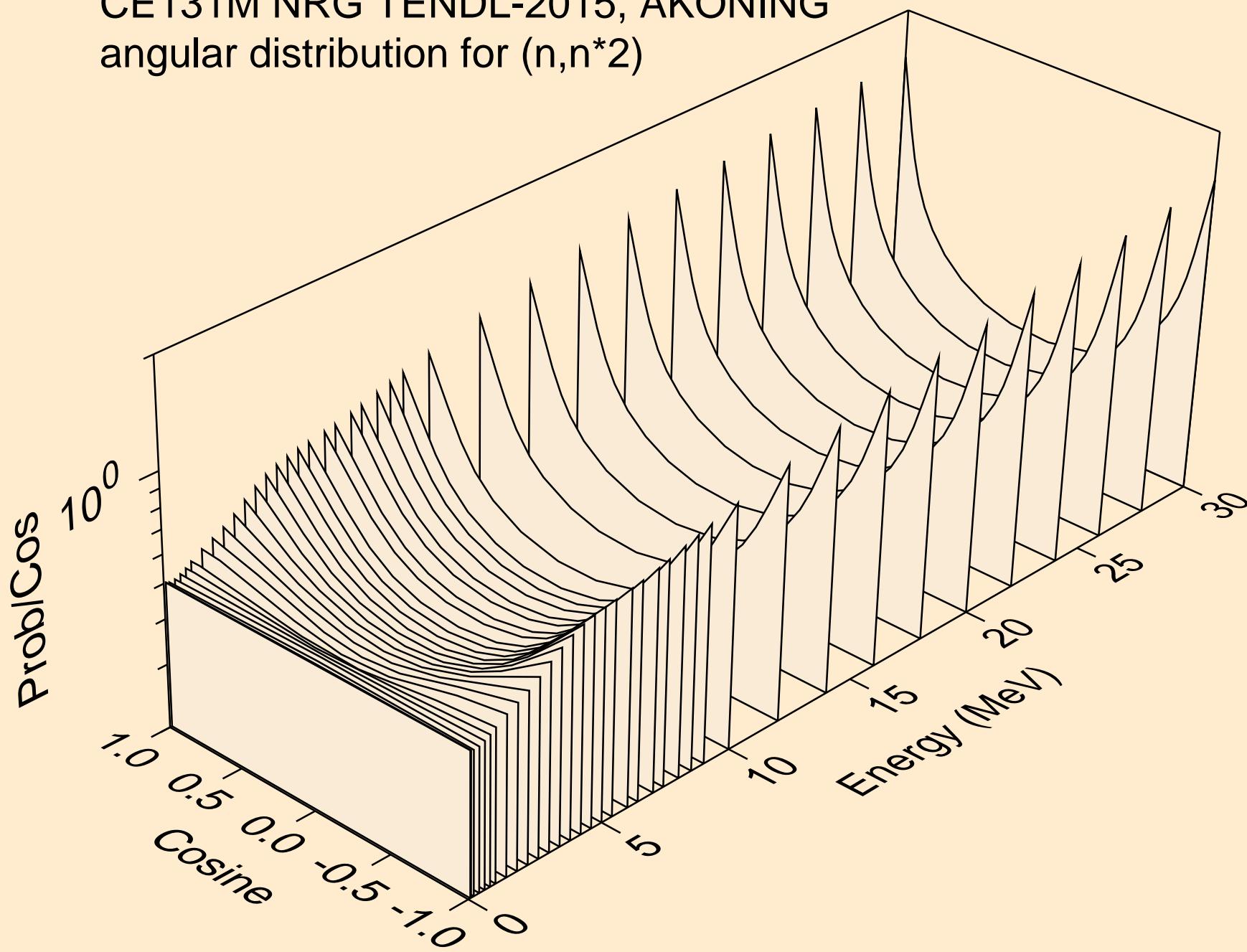
CE131M NRG TENDL-2015, AKONING  
angular distribution for elastic



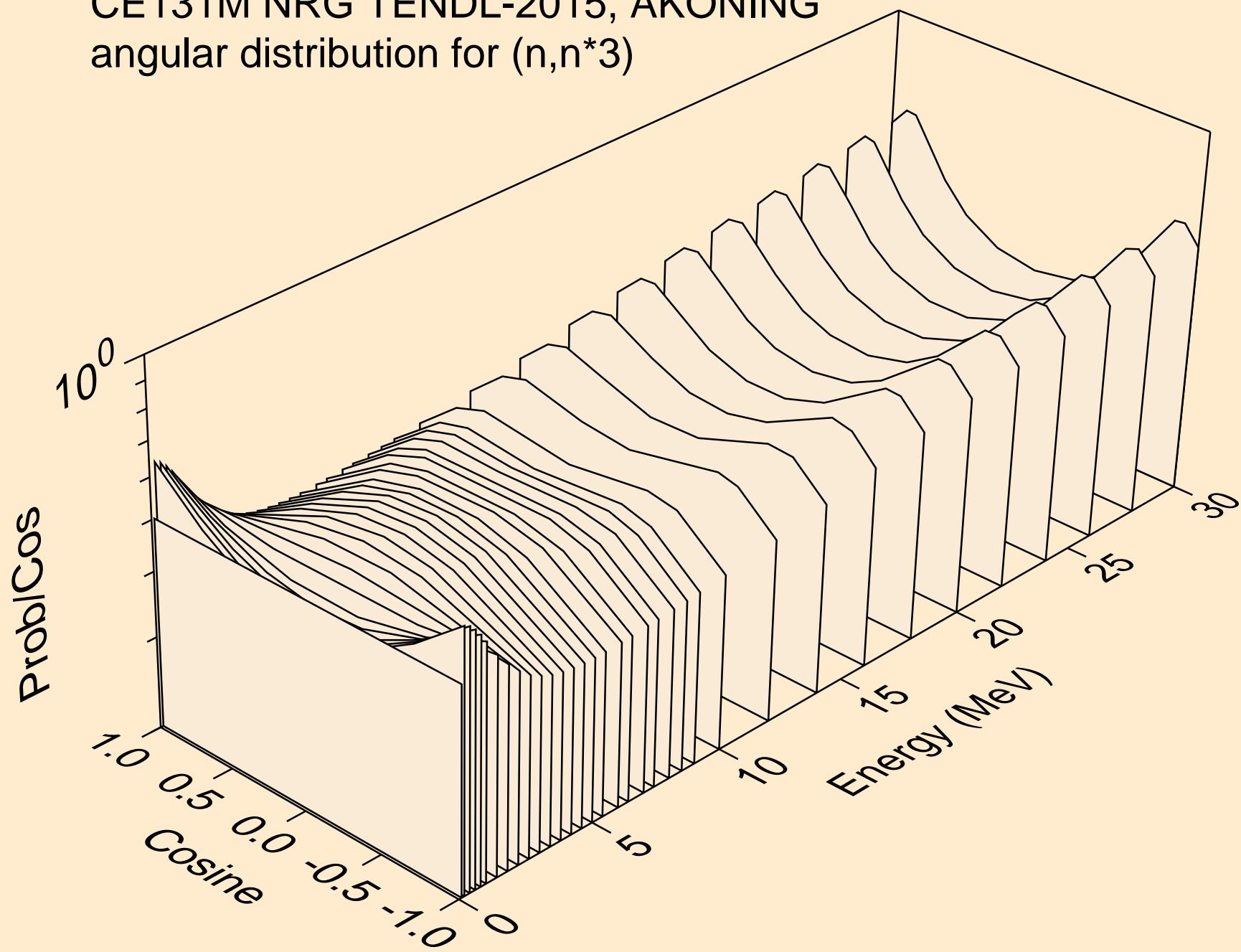
CE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



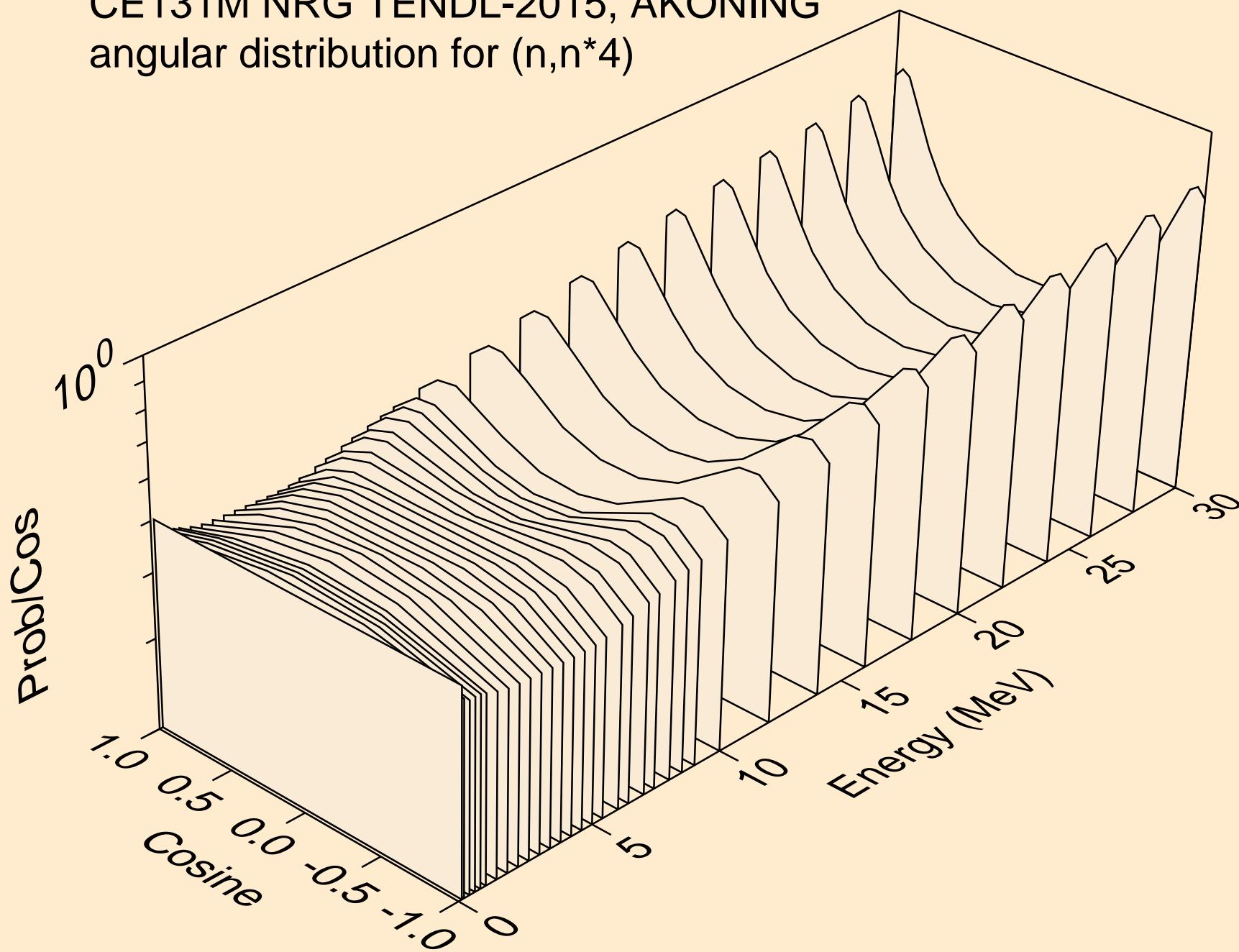
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^2$



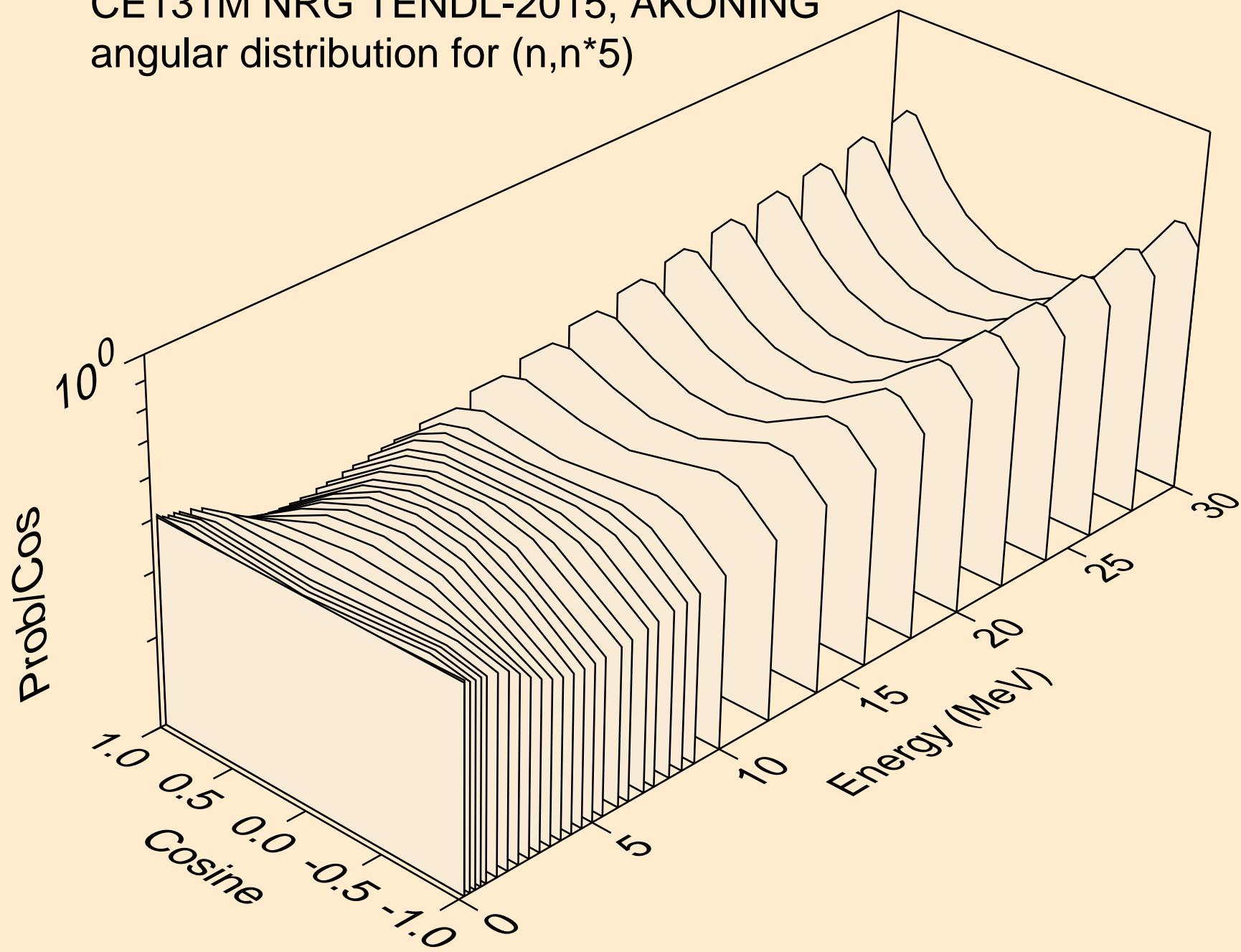
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



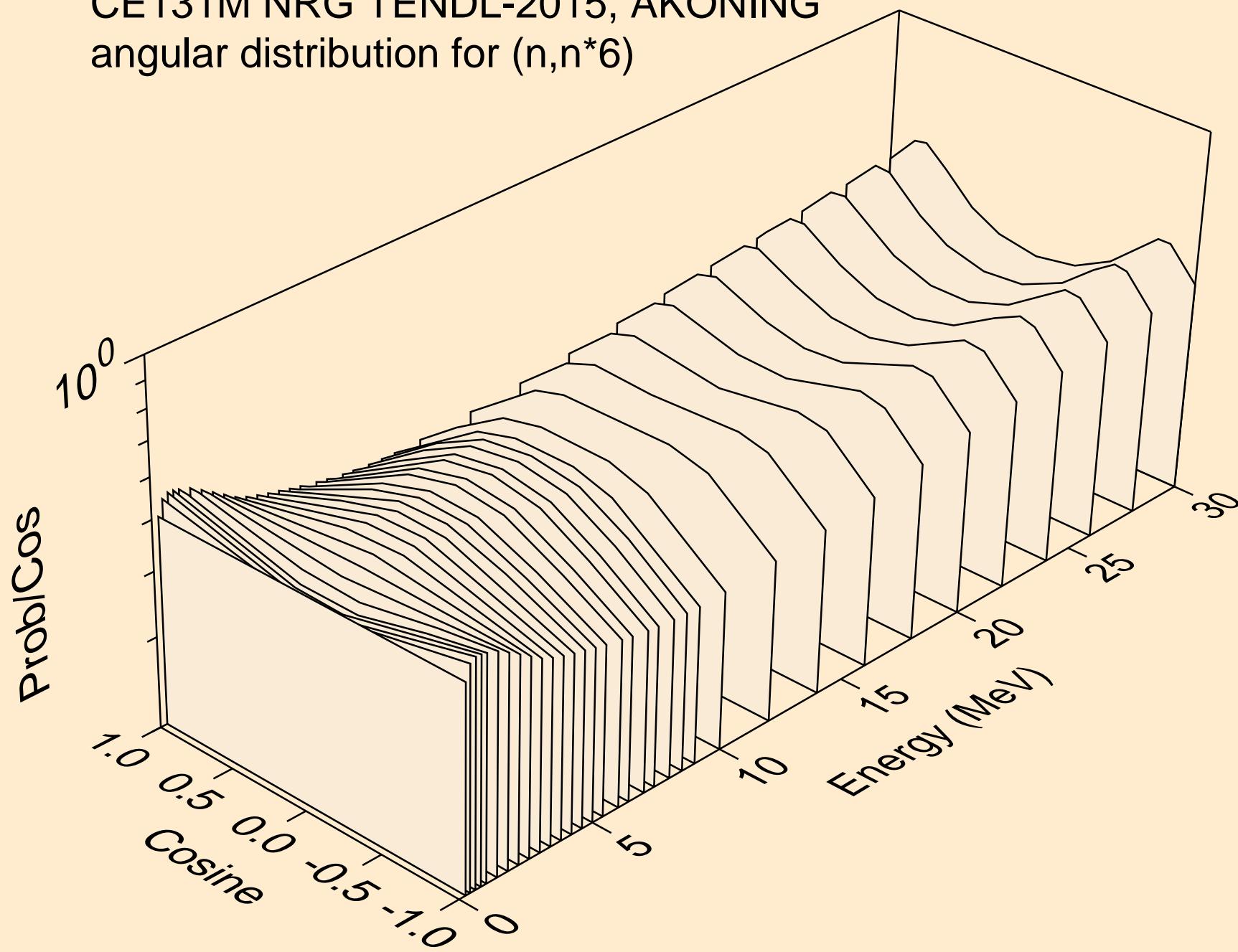
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



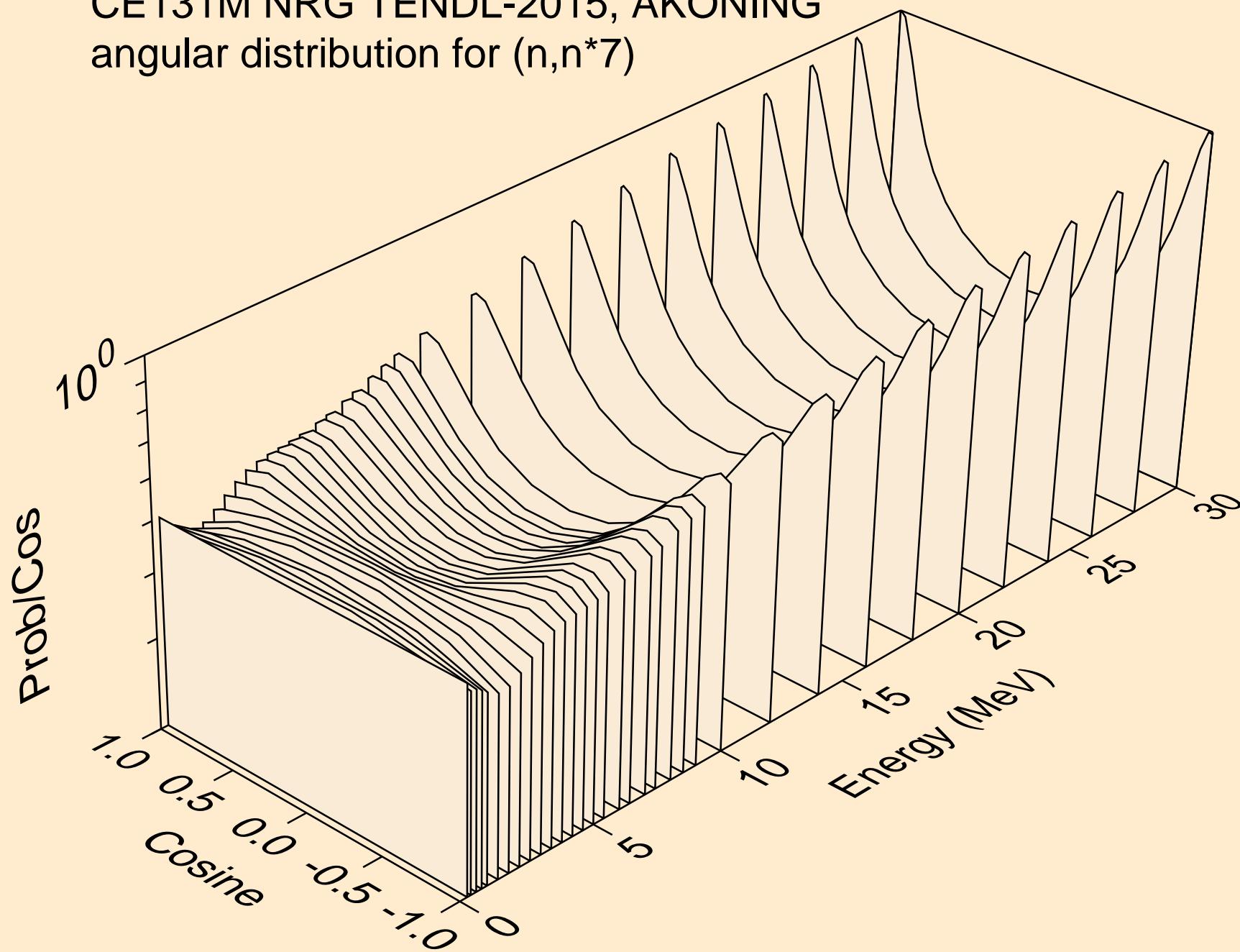
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



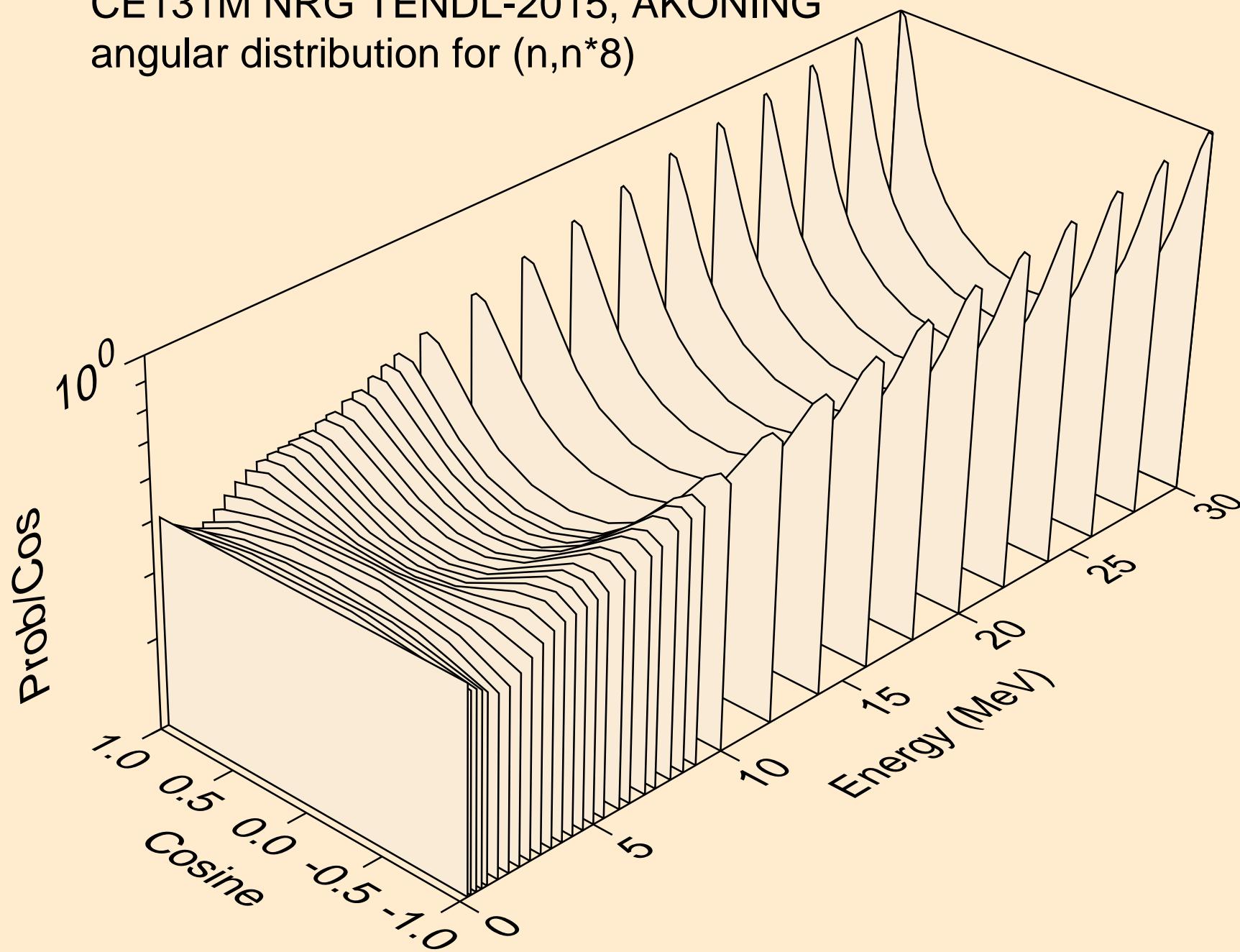
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



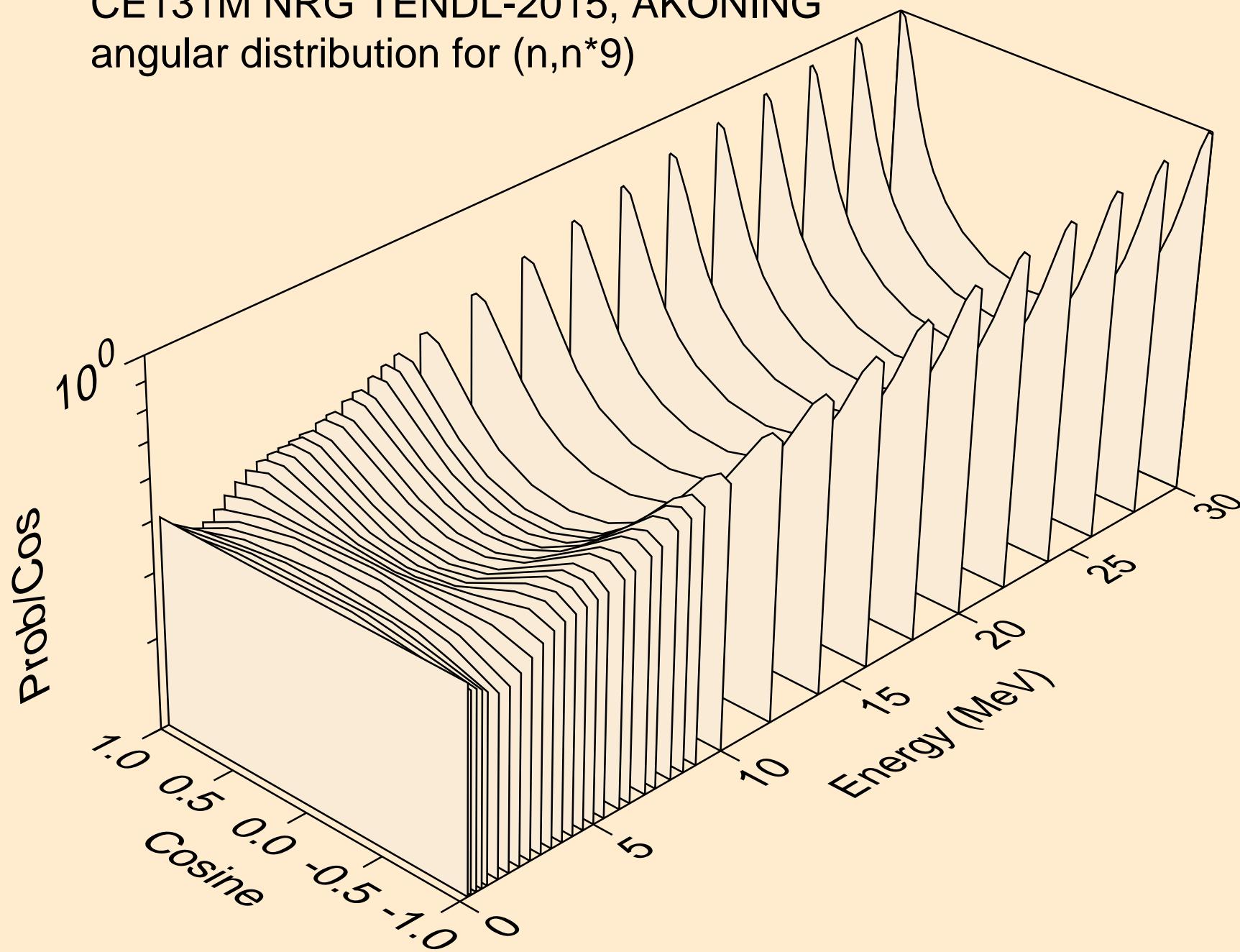
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



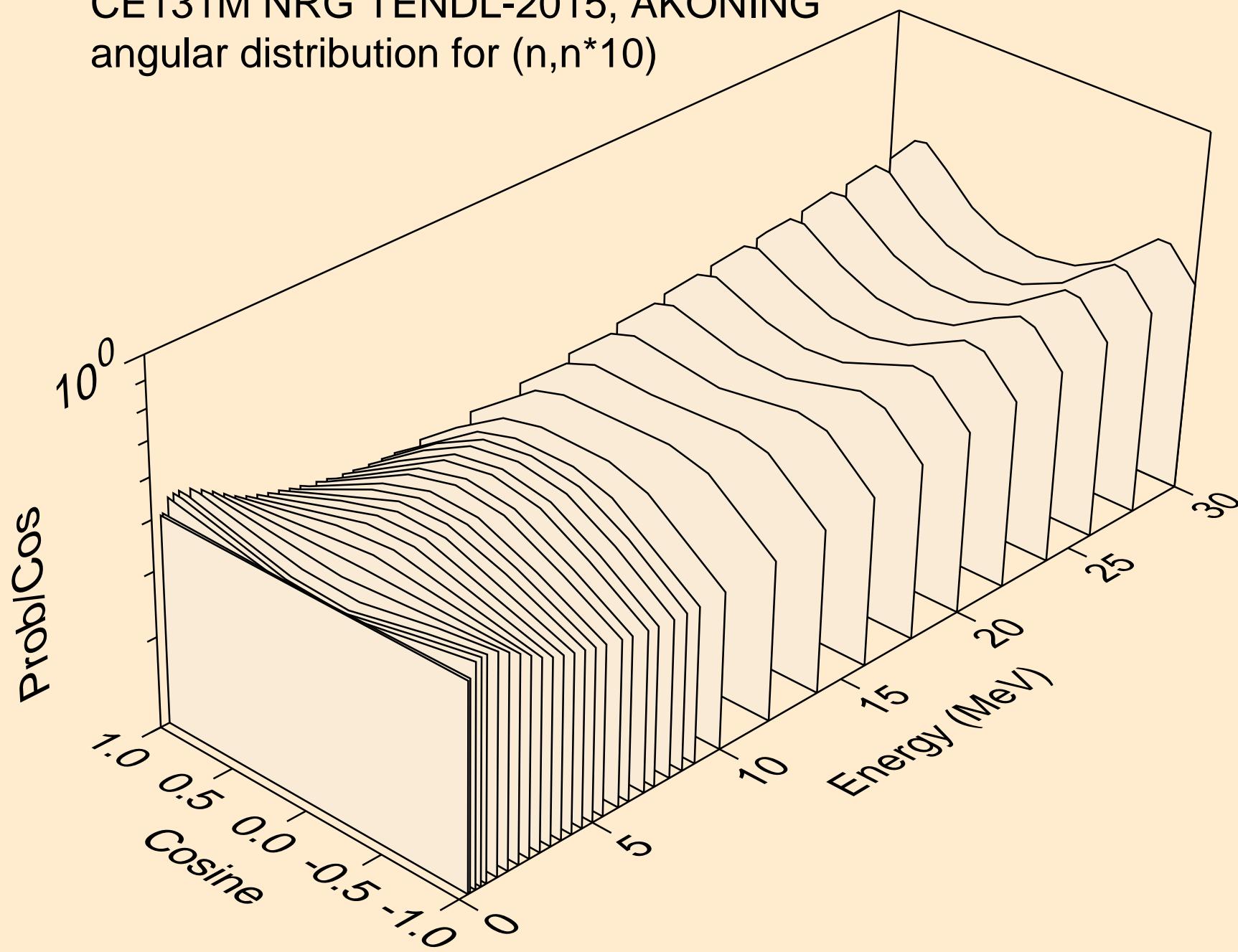
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



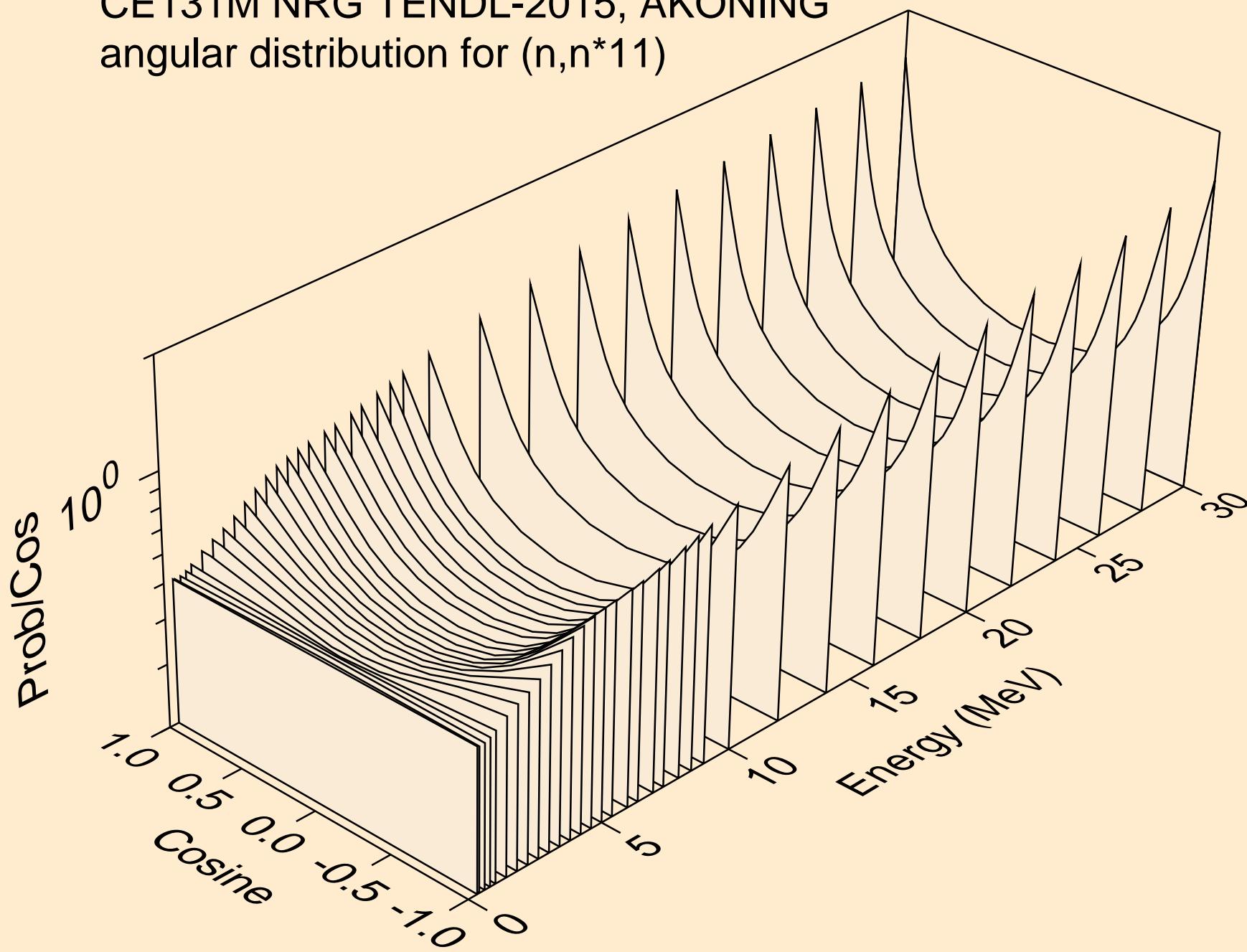
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)9$



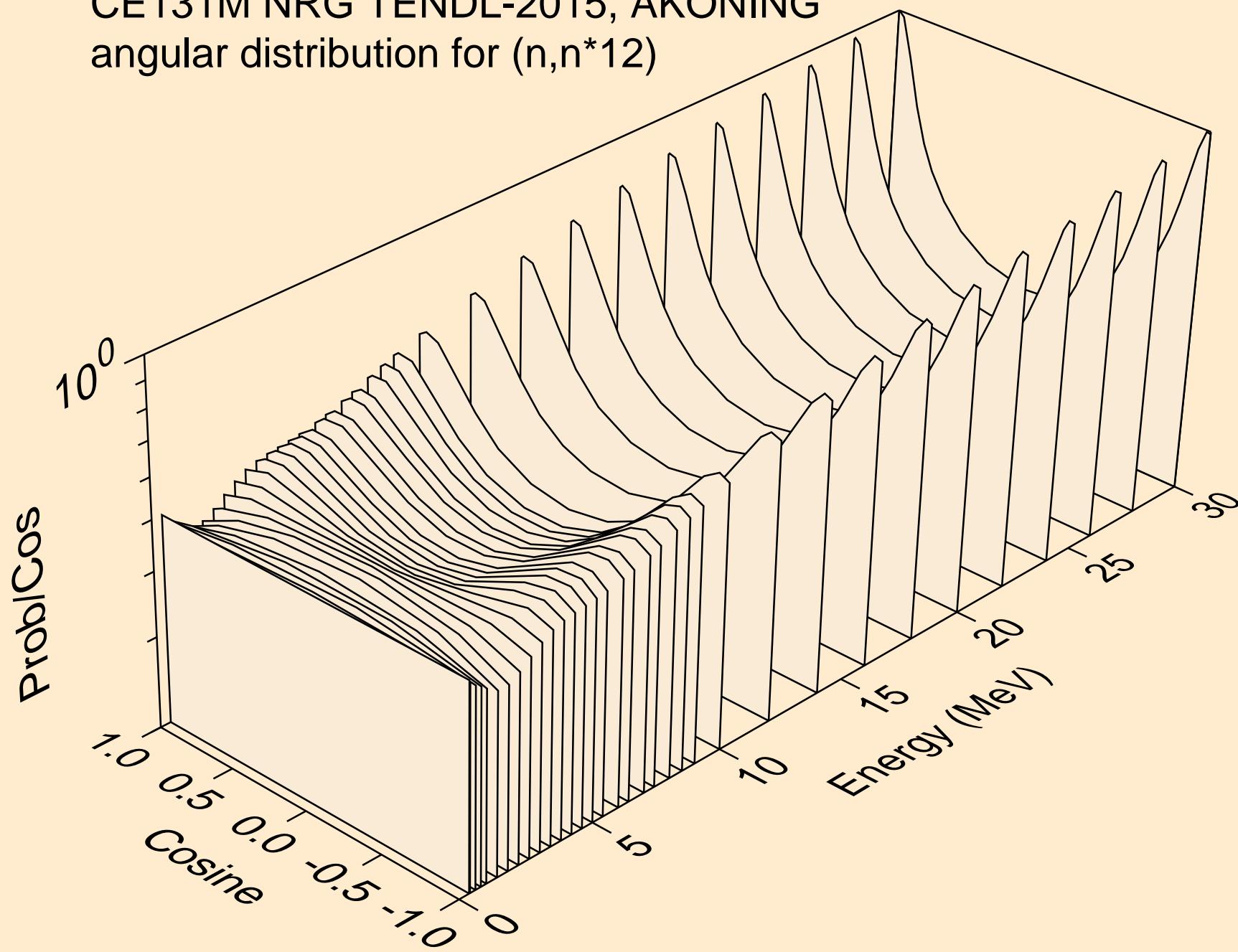
CE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



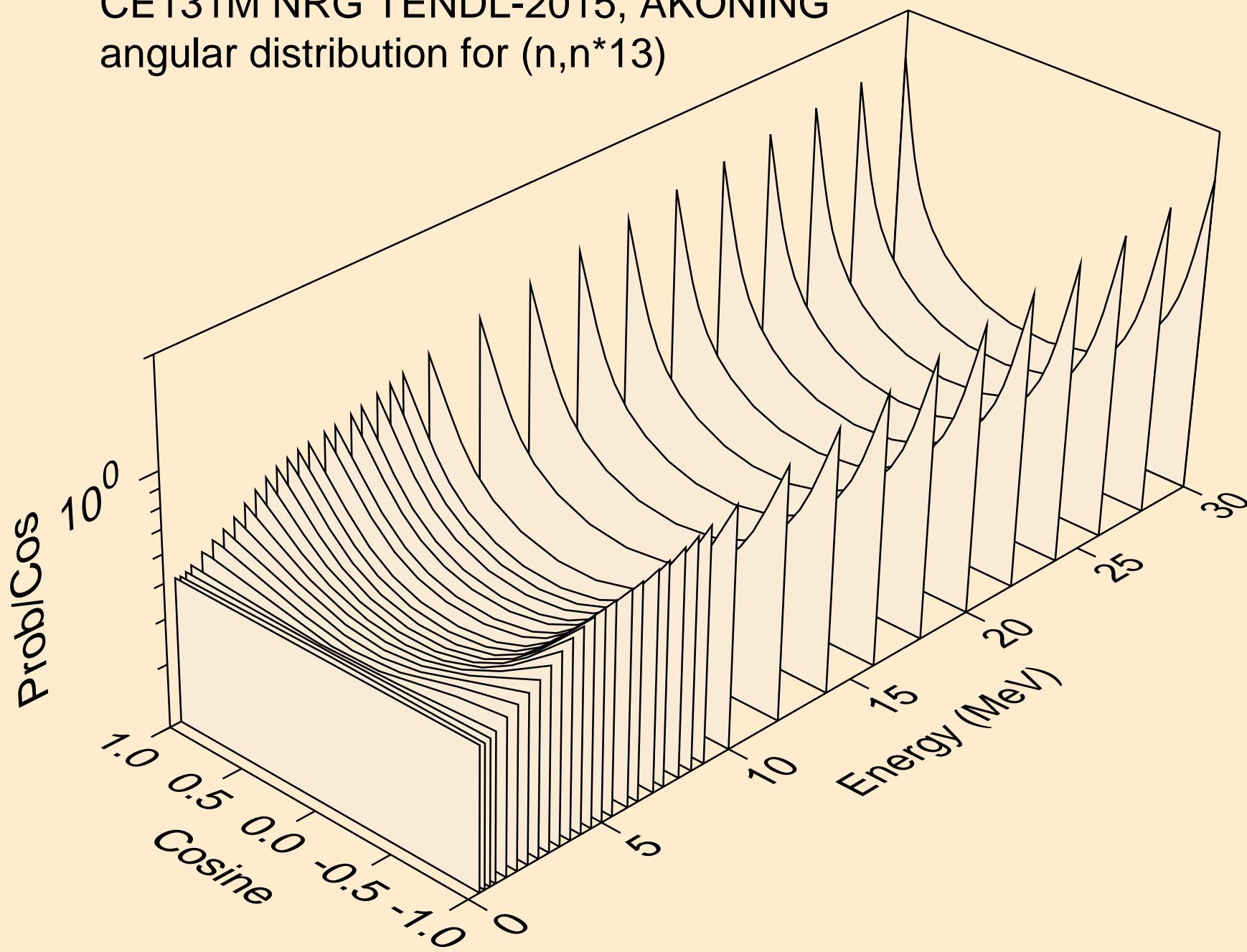
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*11)$



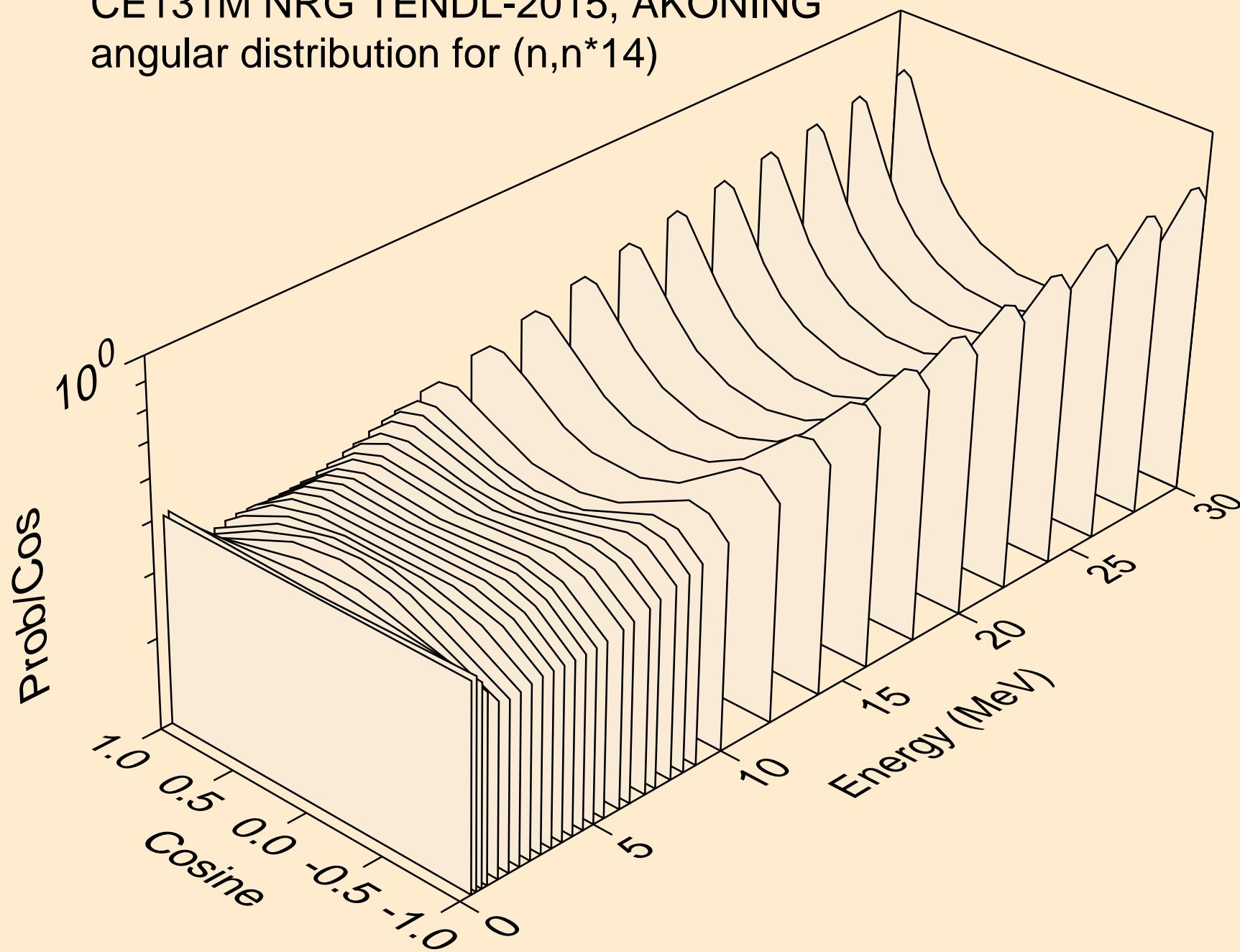
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*12)$



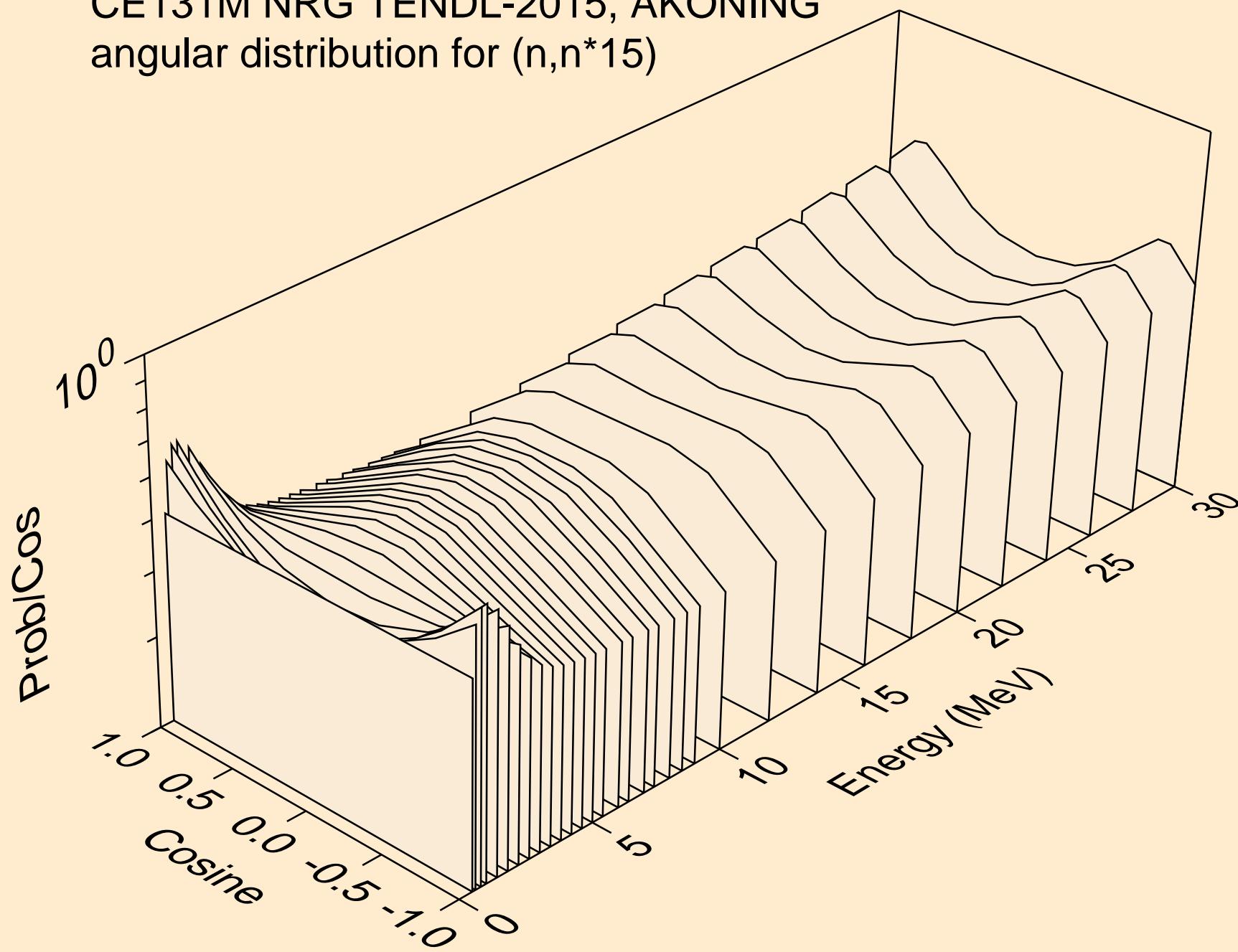
CE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



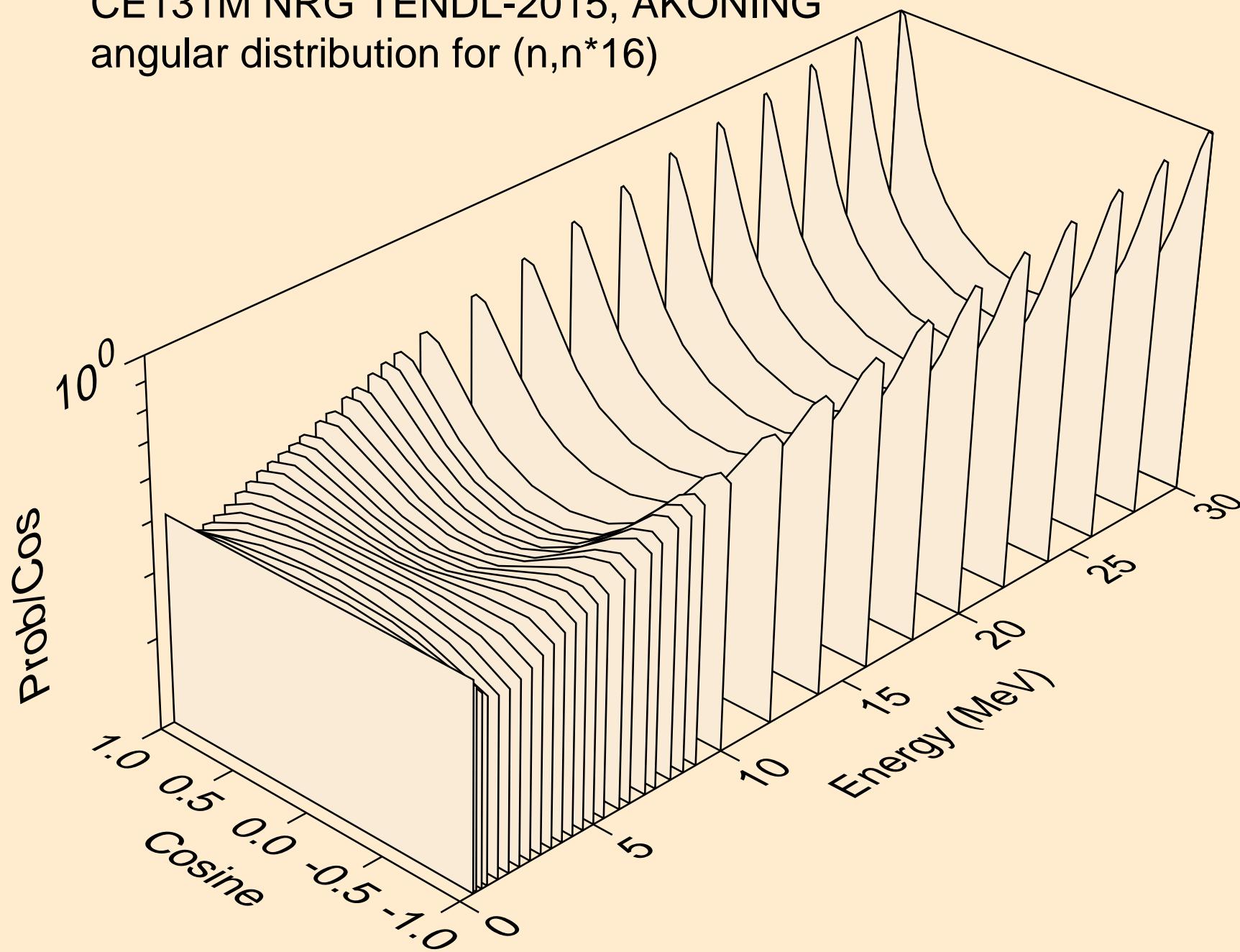
CE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



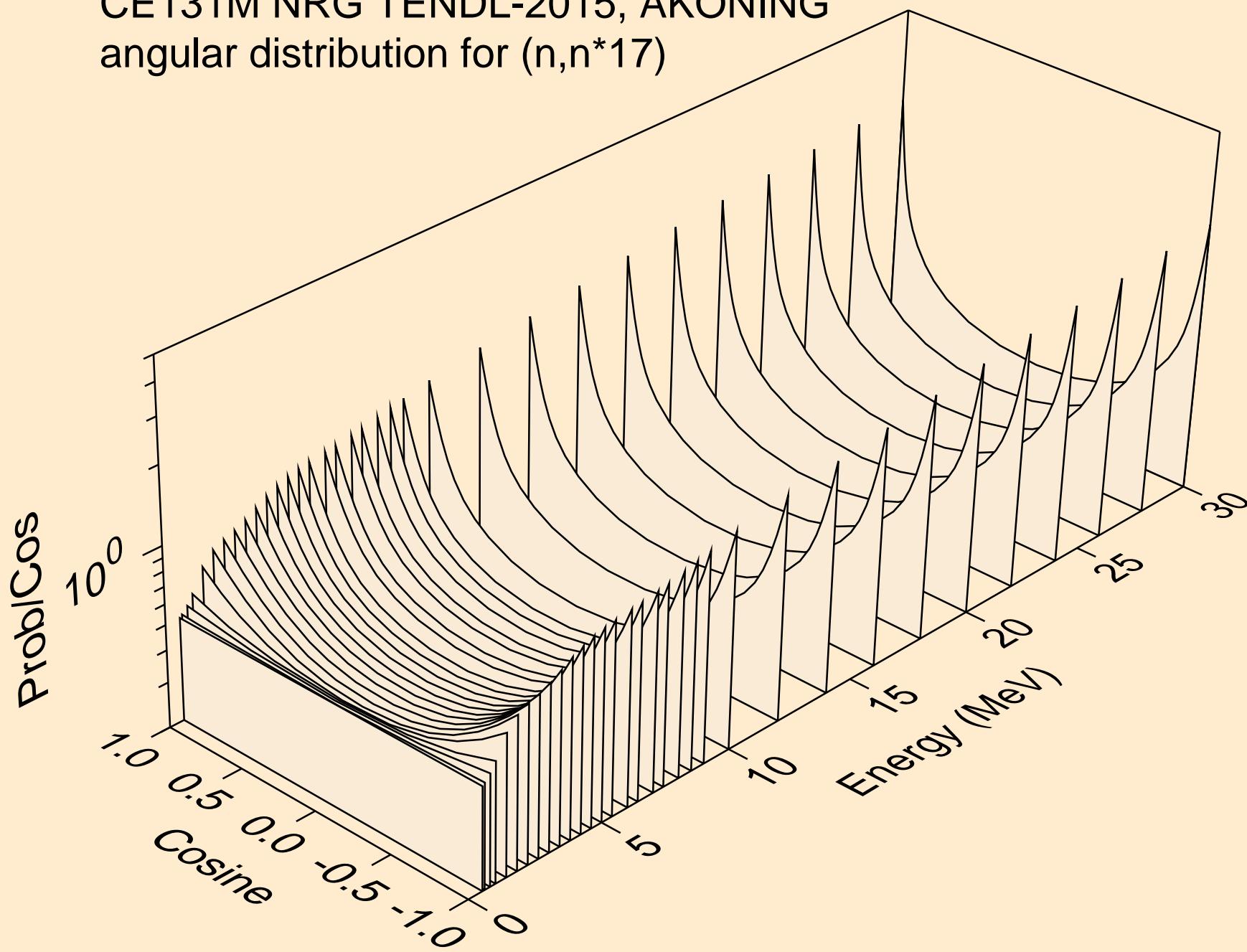
CE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



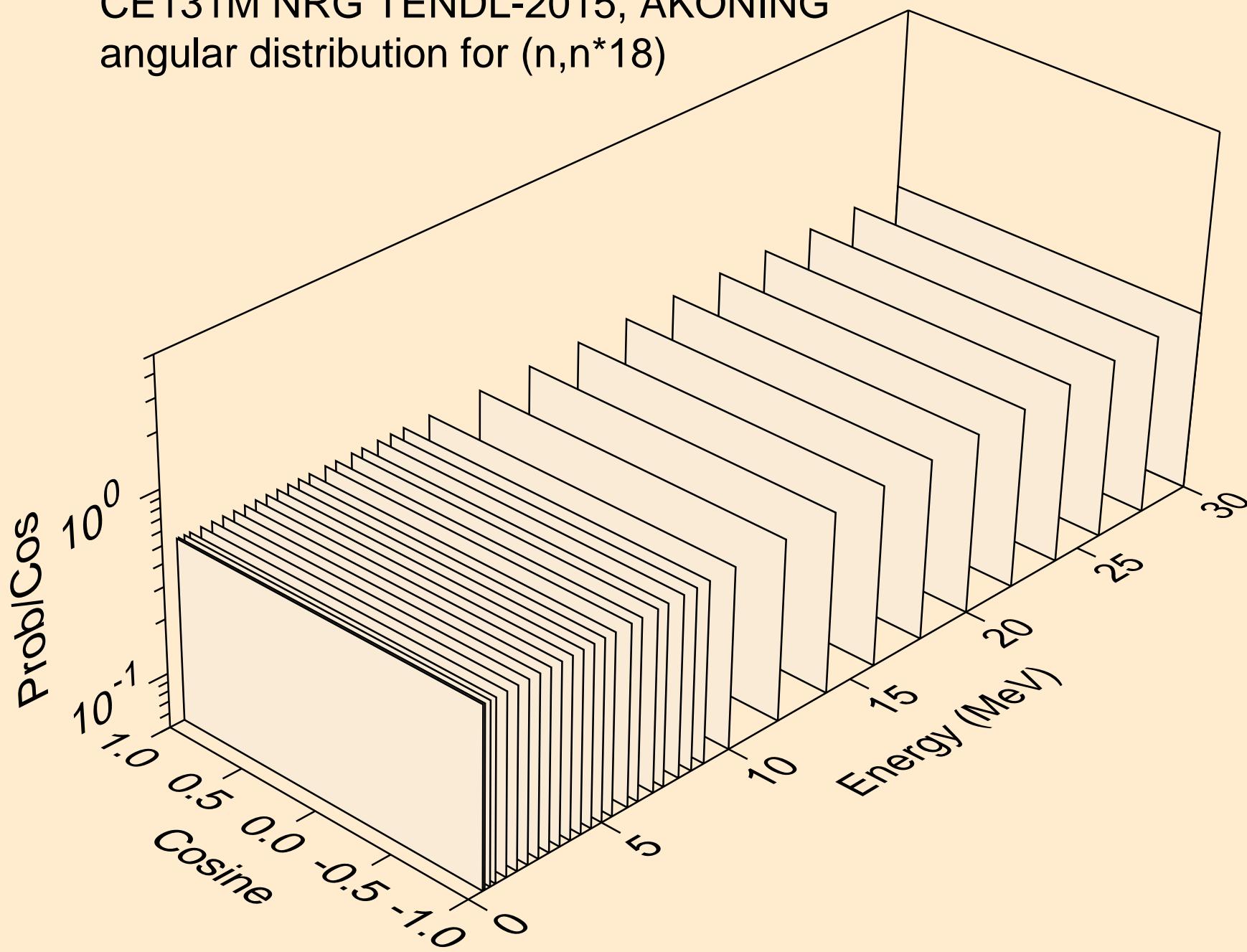
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*16)$



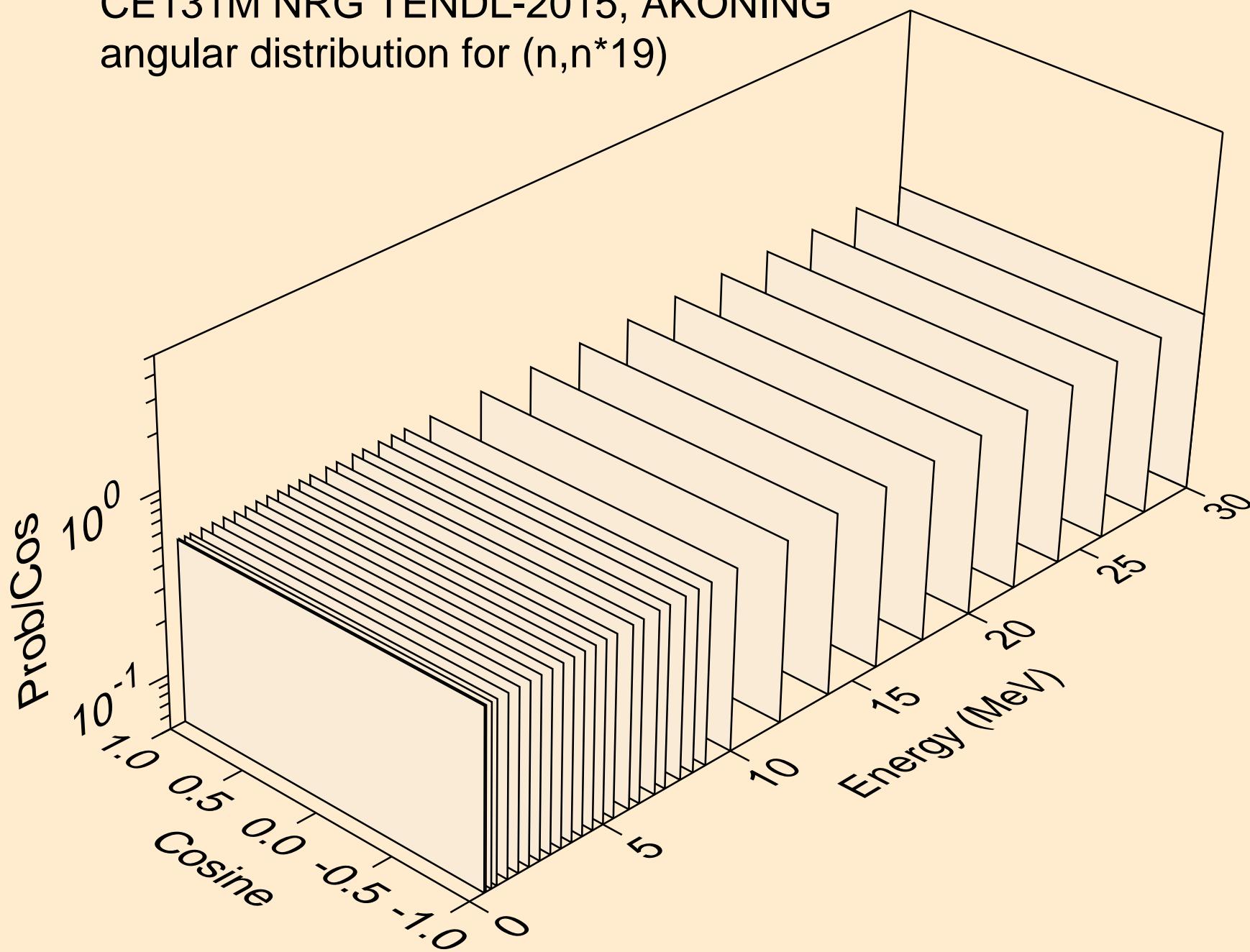
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*17)$



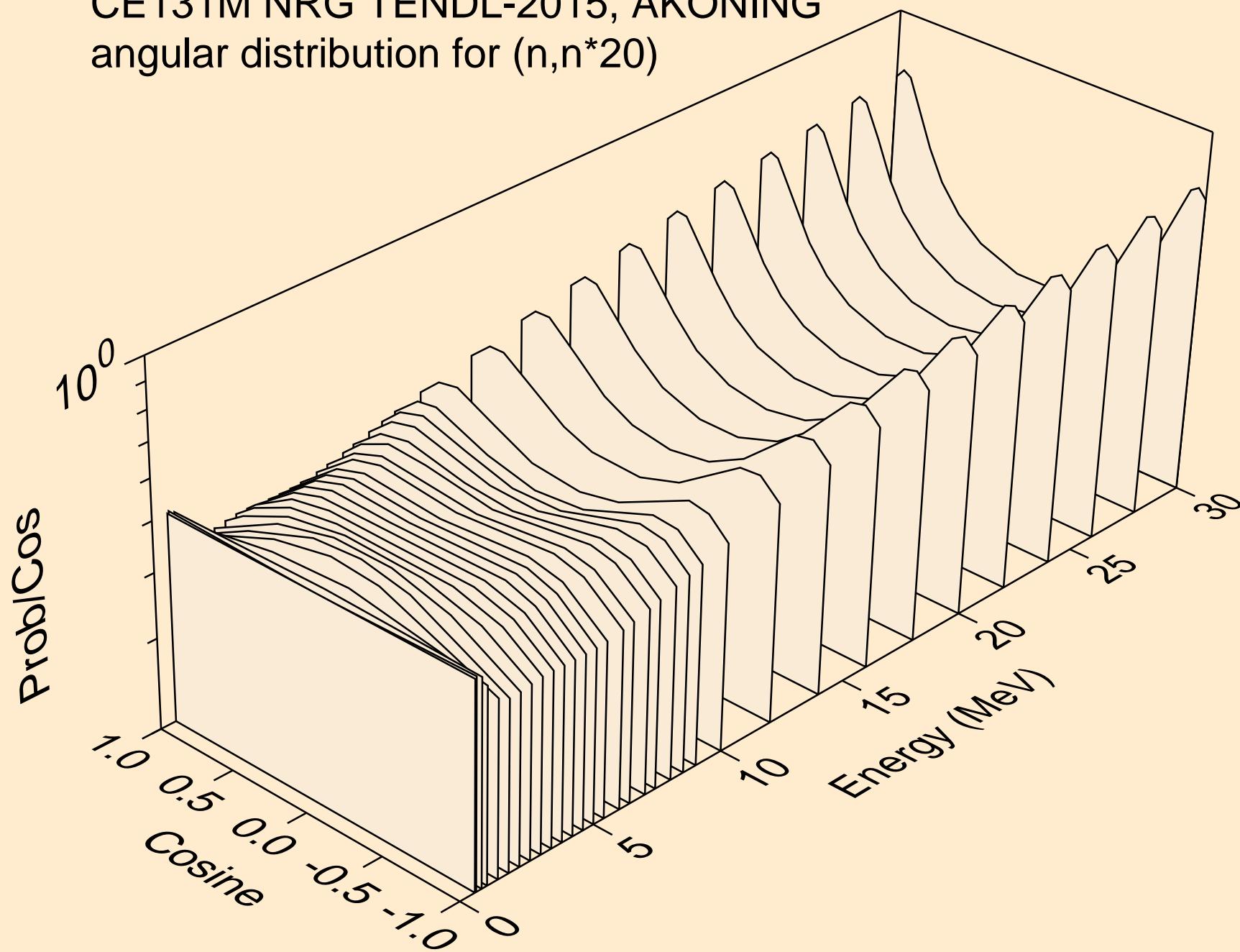
CE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



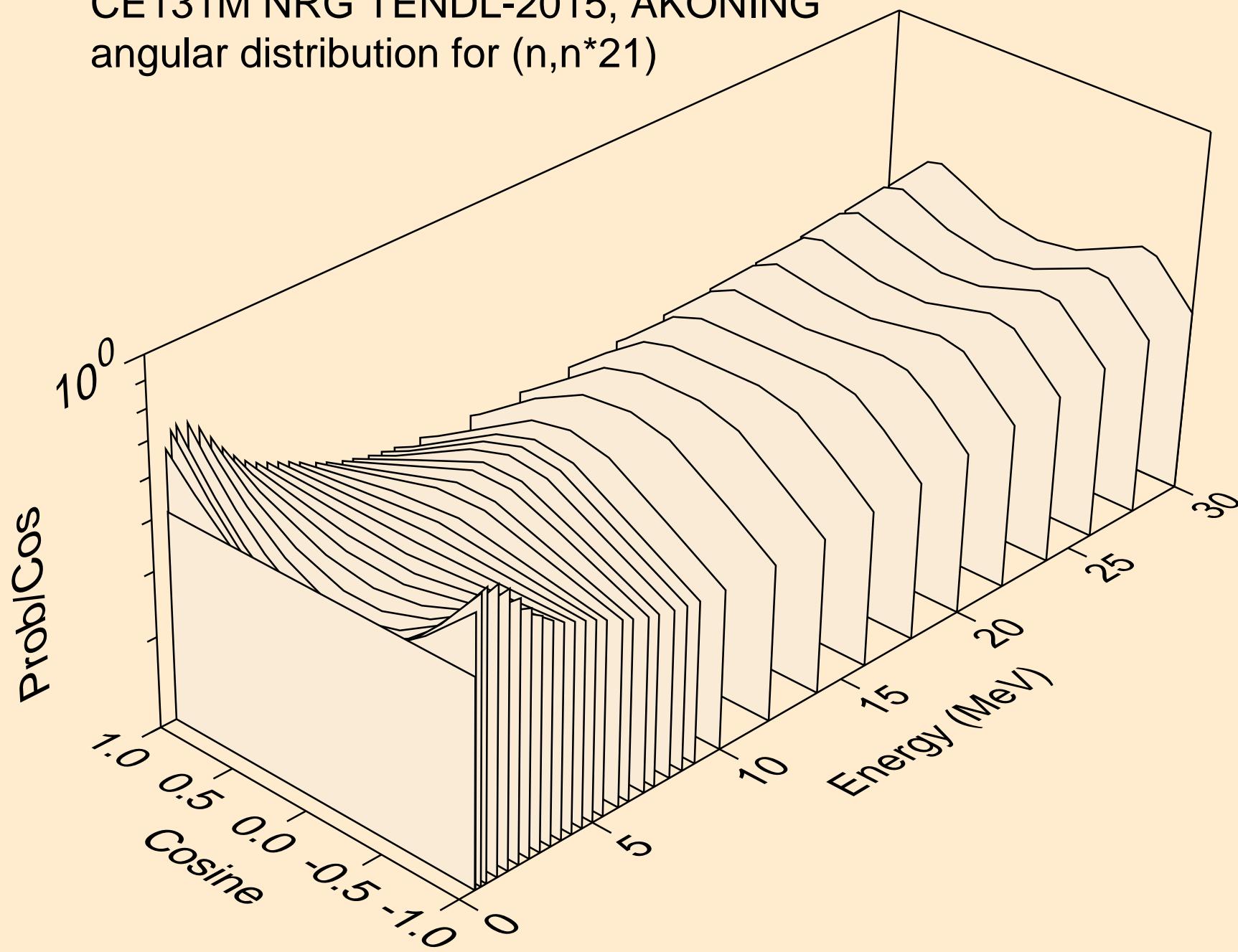
CE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



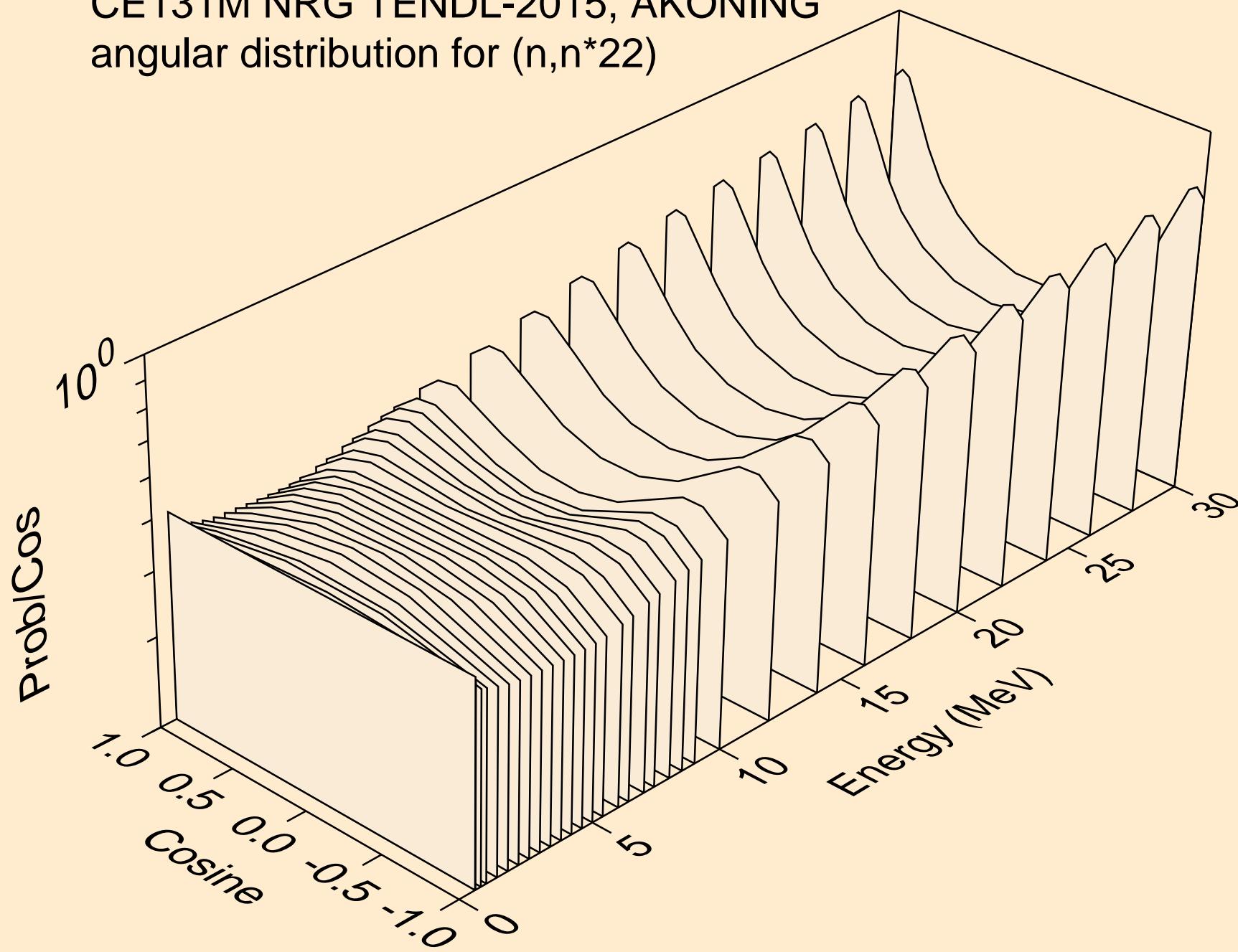
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)20$



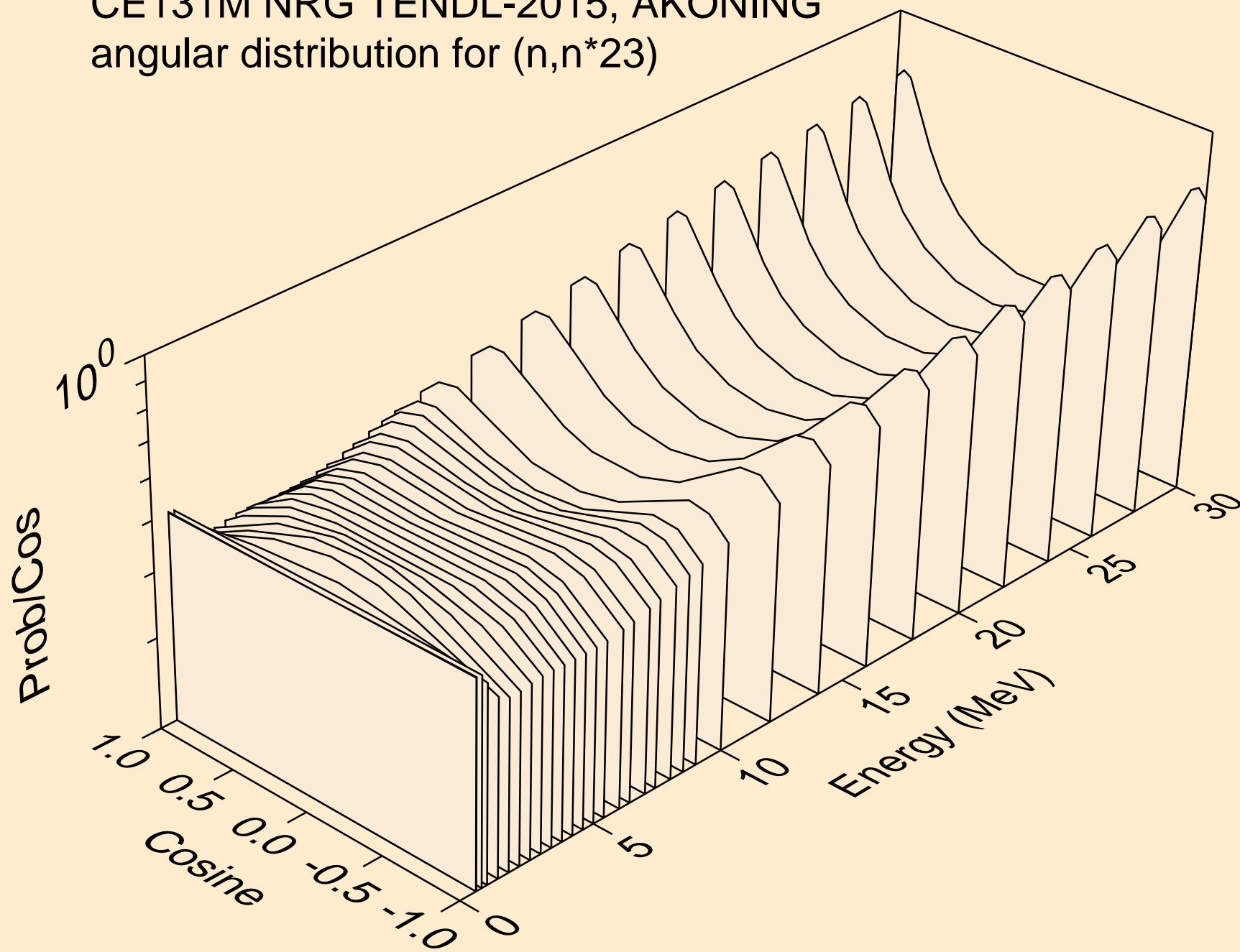
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*21)$



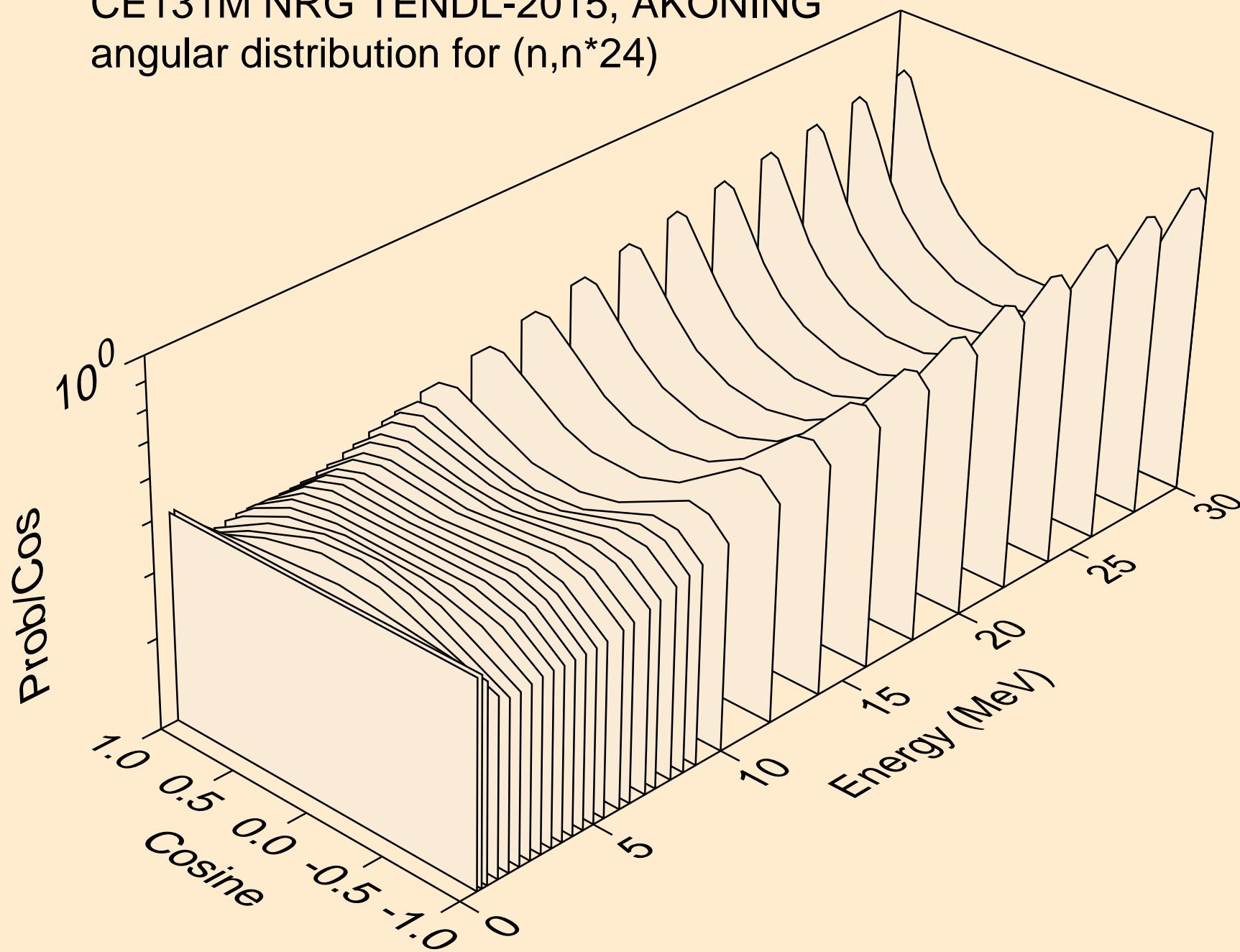
CE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



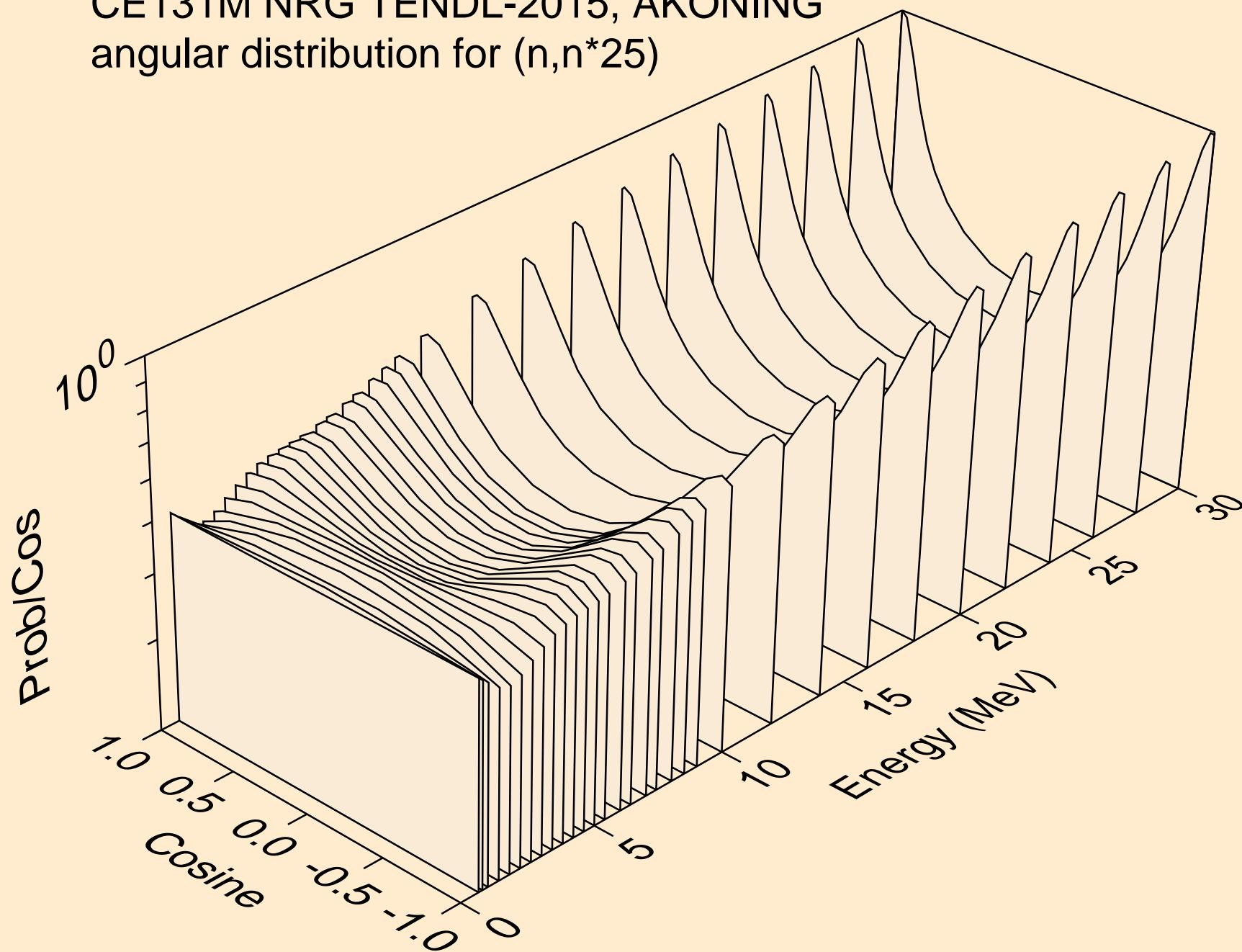
CE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



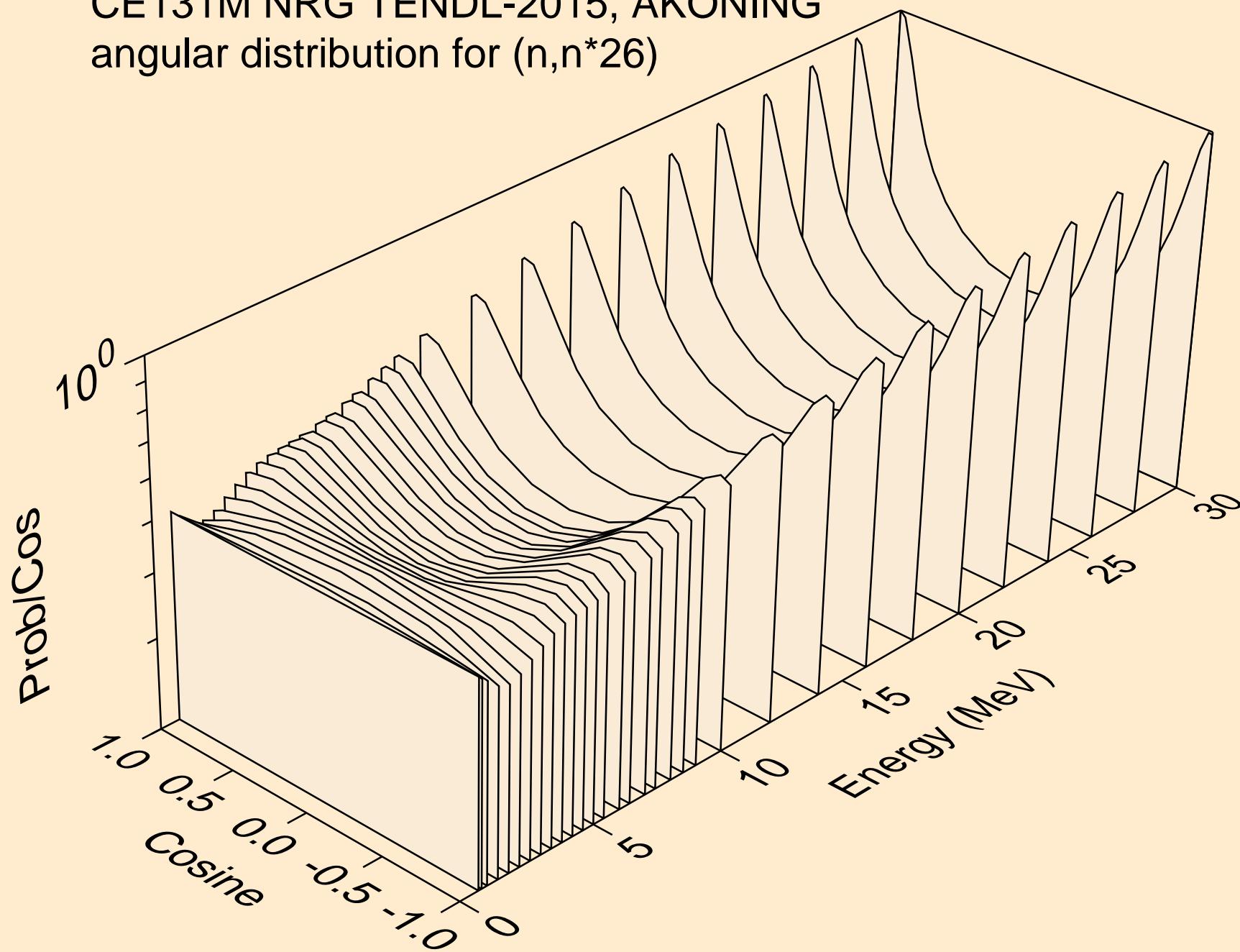
CE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



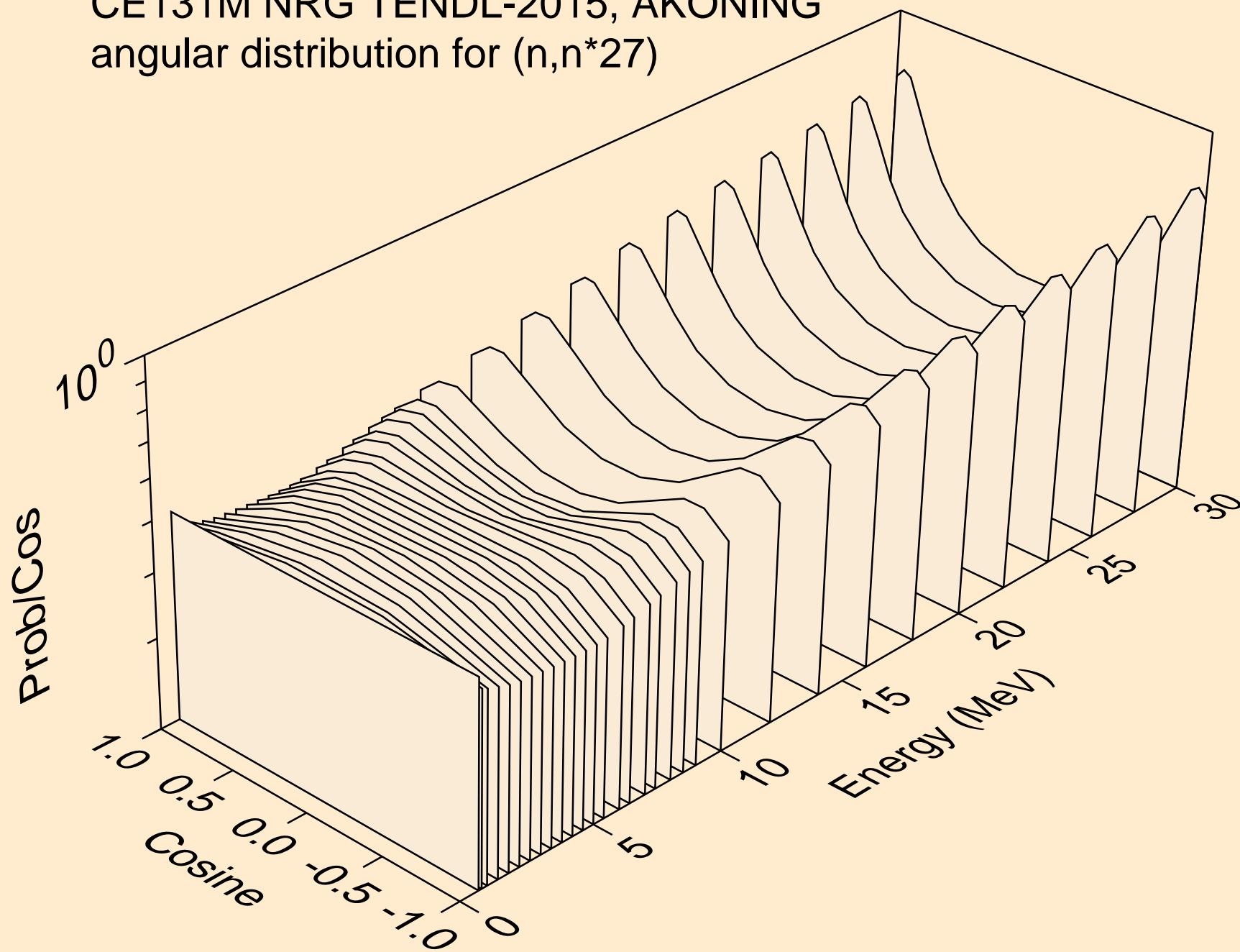
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*25)$



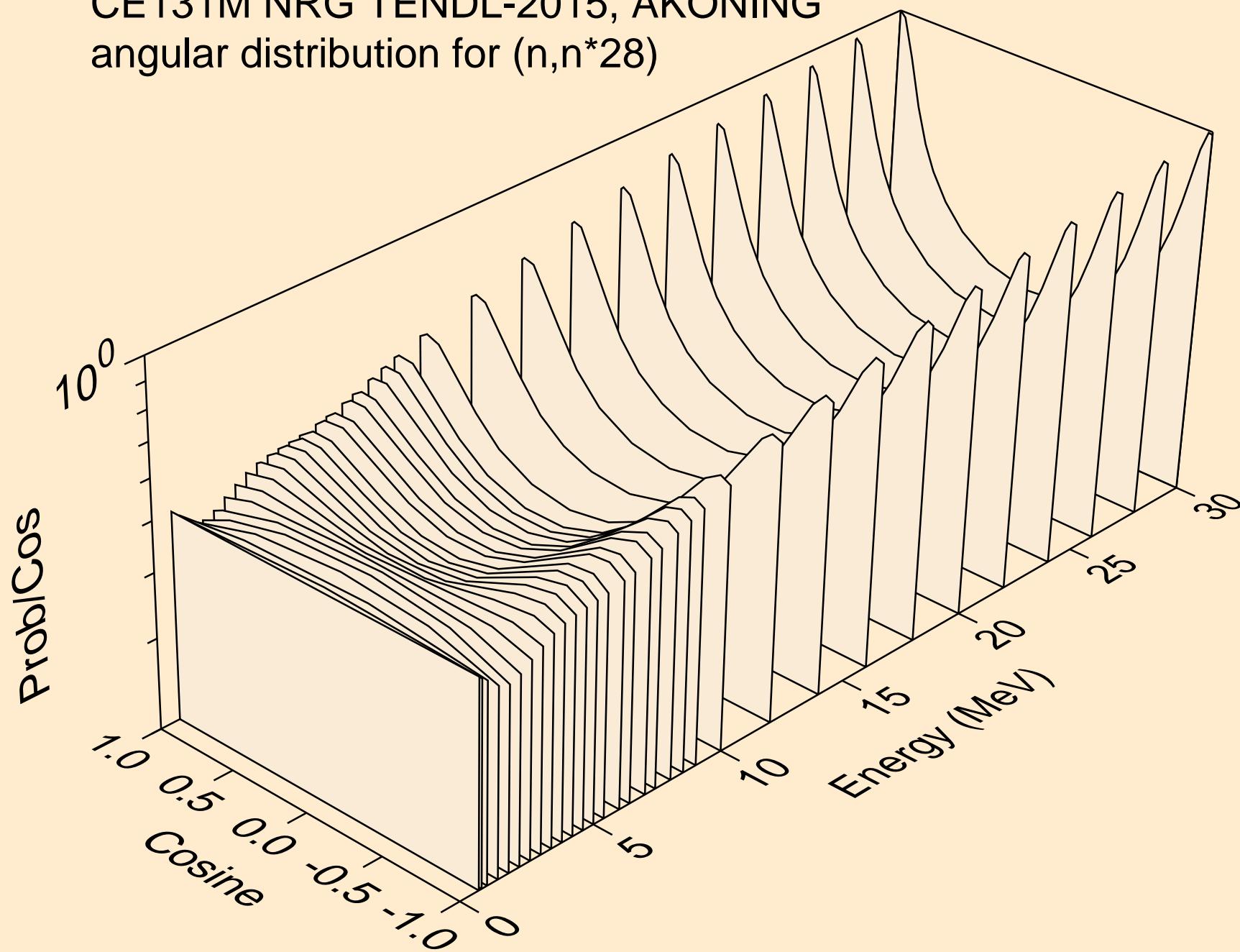
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{26}$



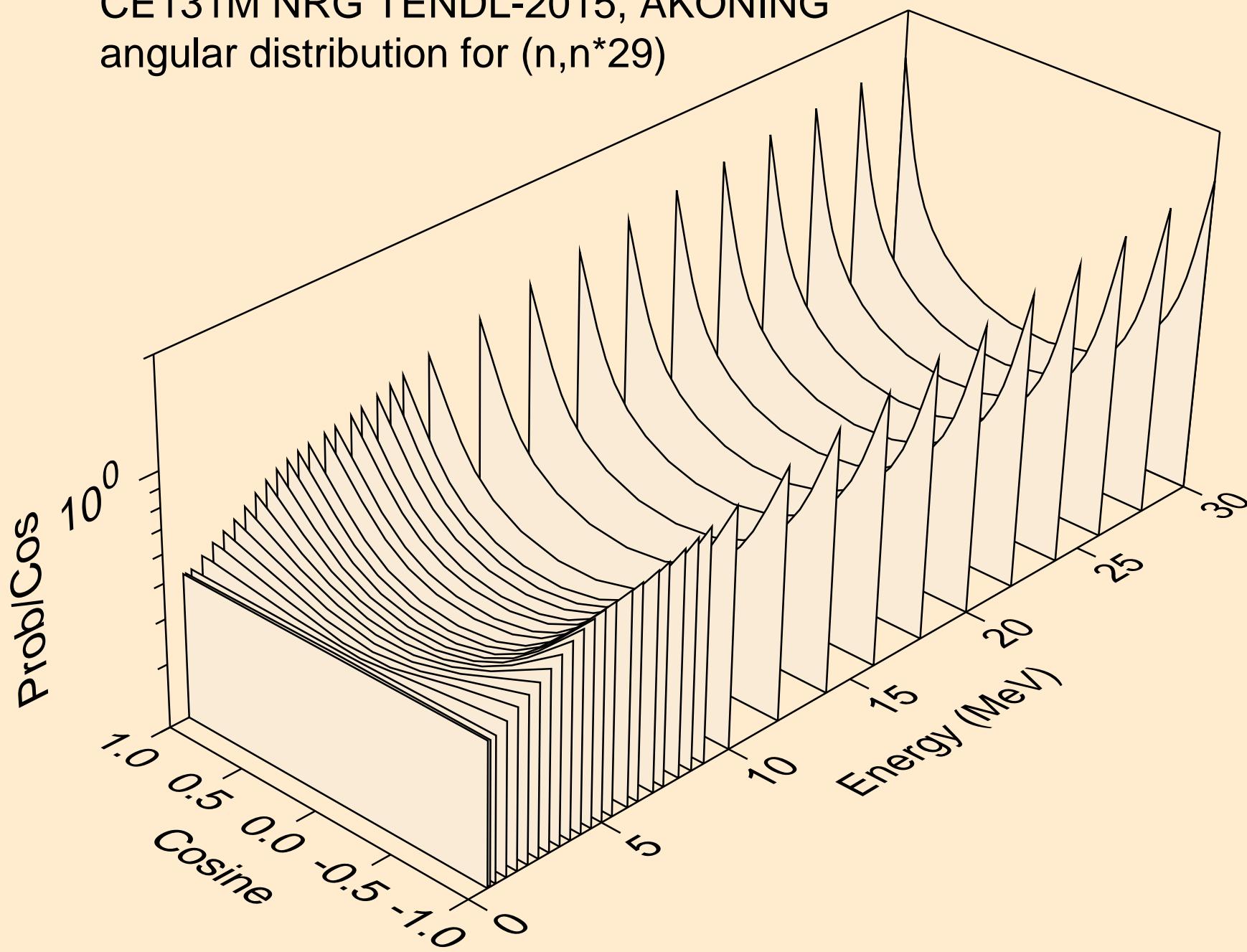
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*27)$



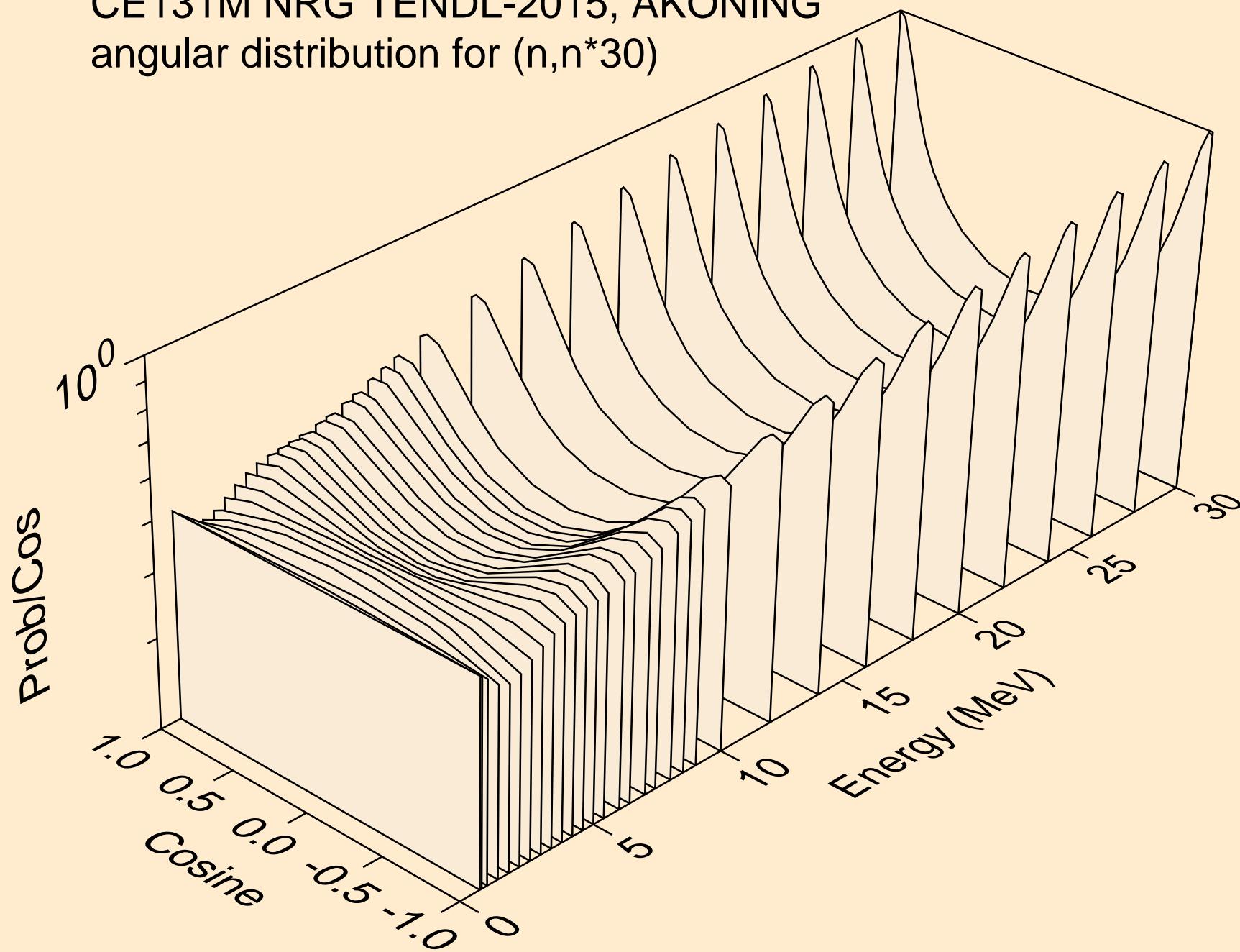
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{28}$



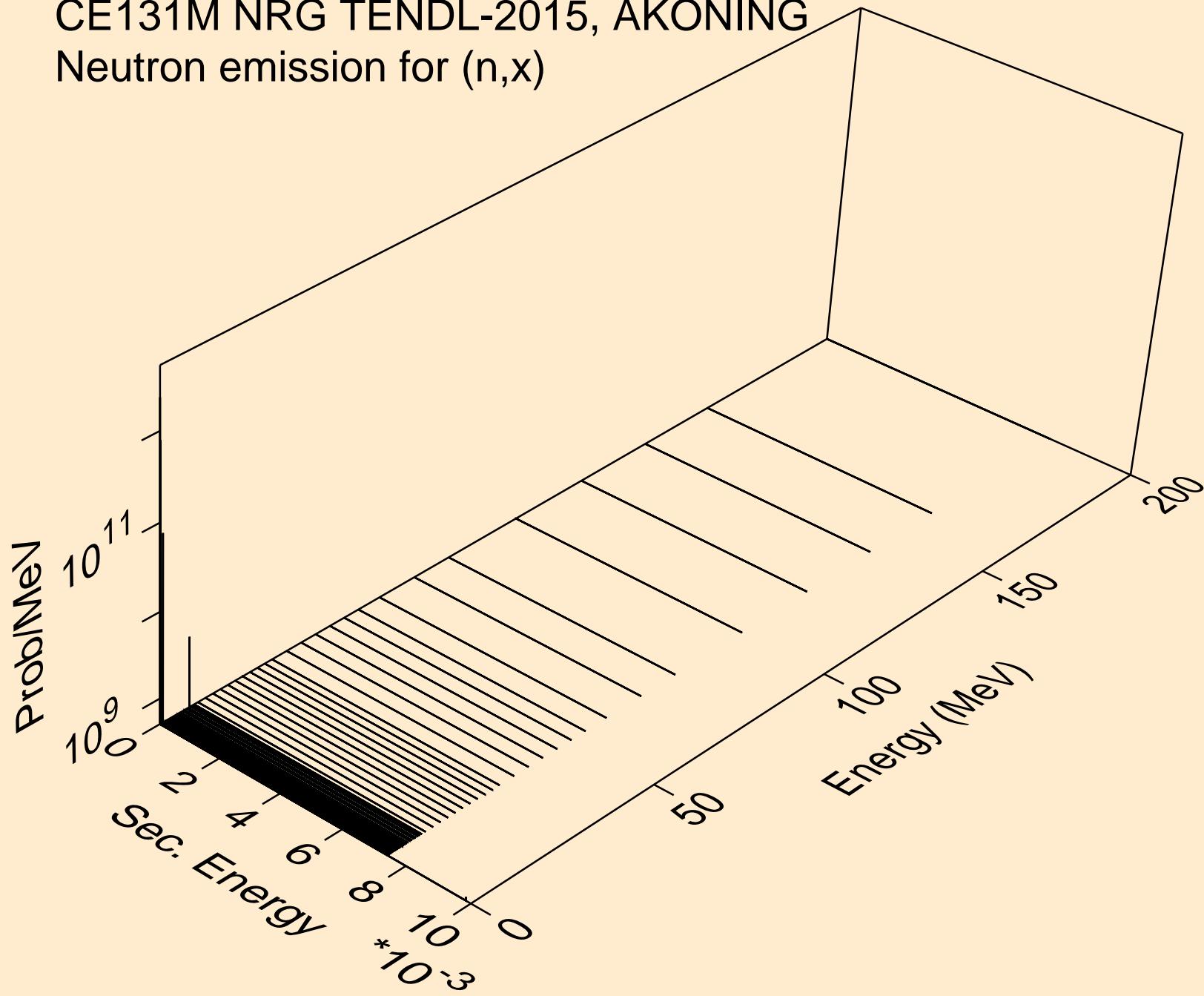
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*29)$



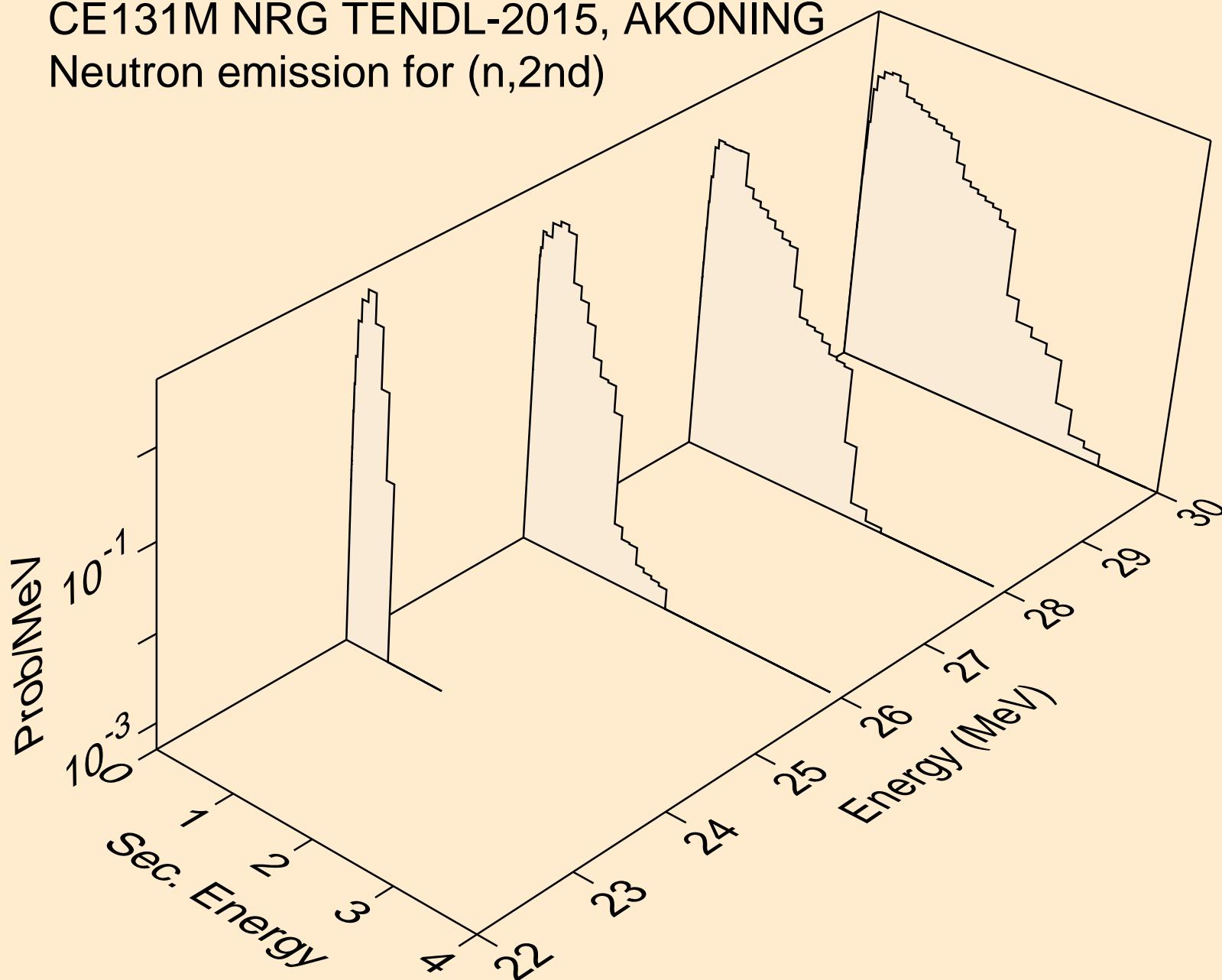
CE131M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)30$



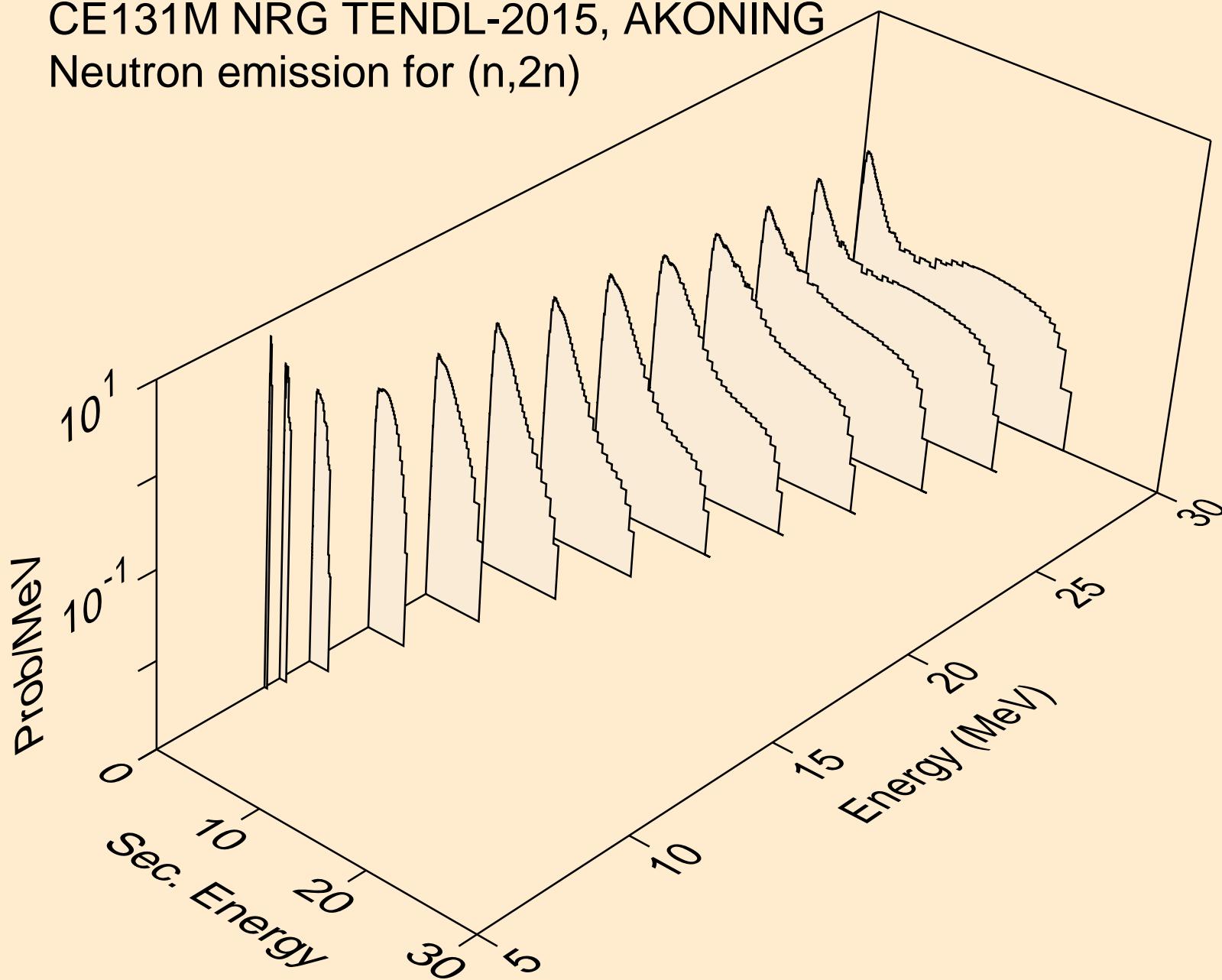
CE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



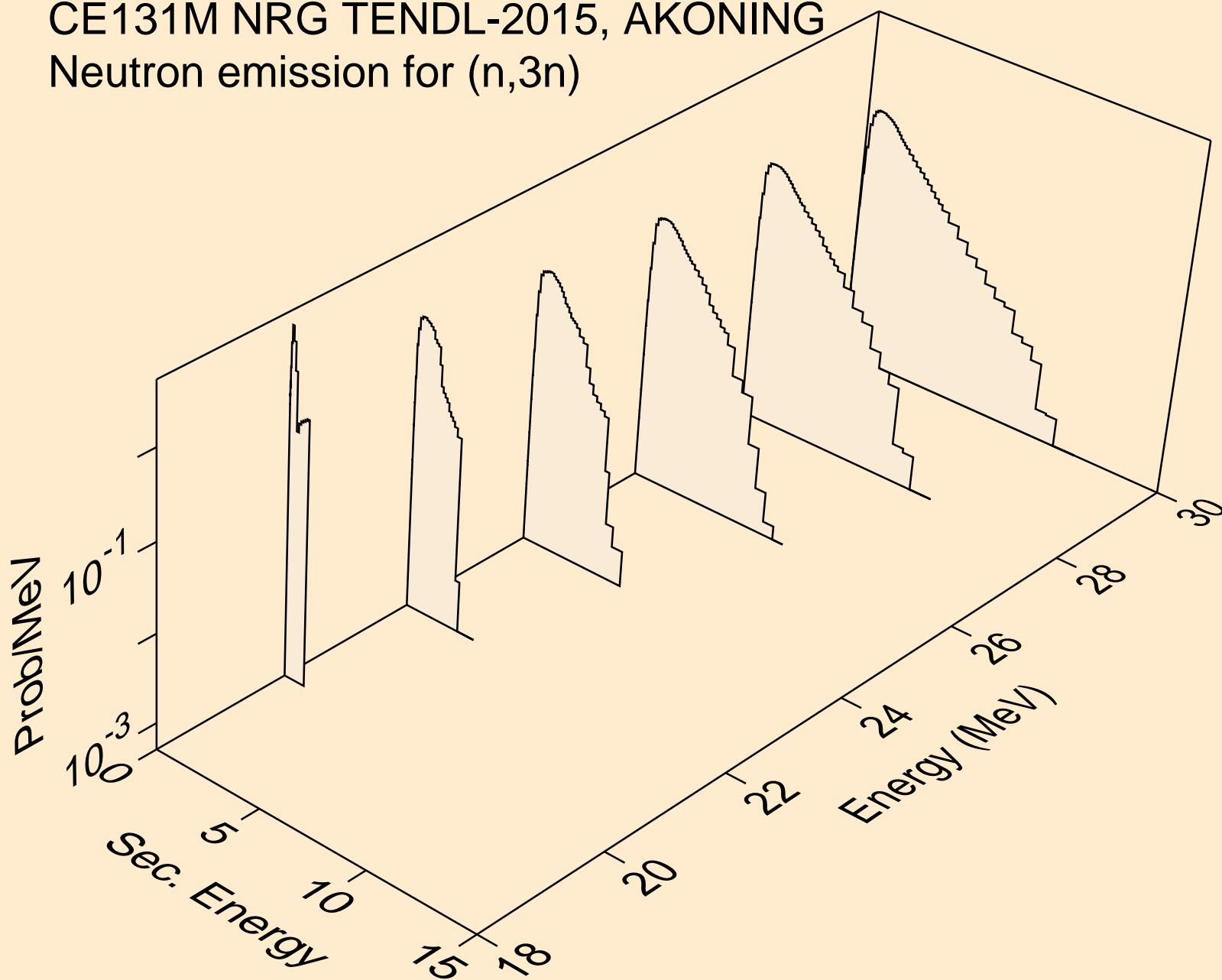
CE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



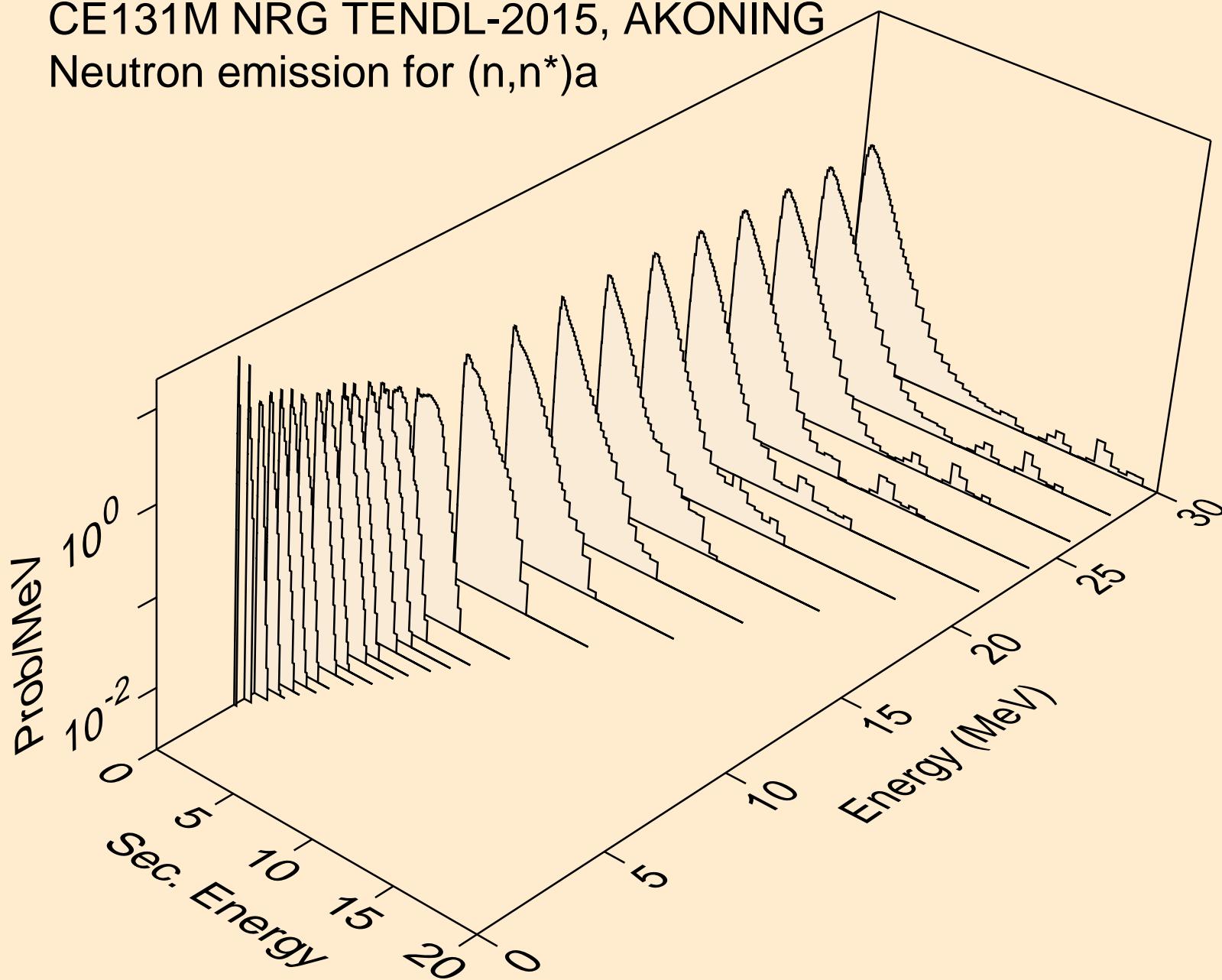
CE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



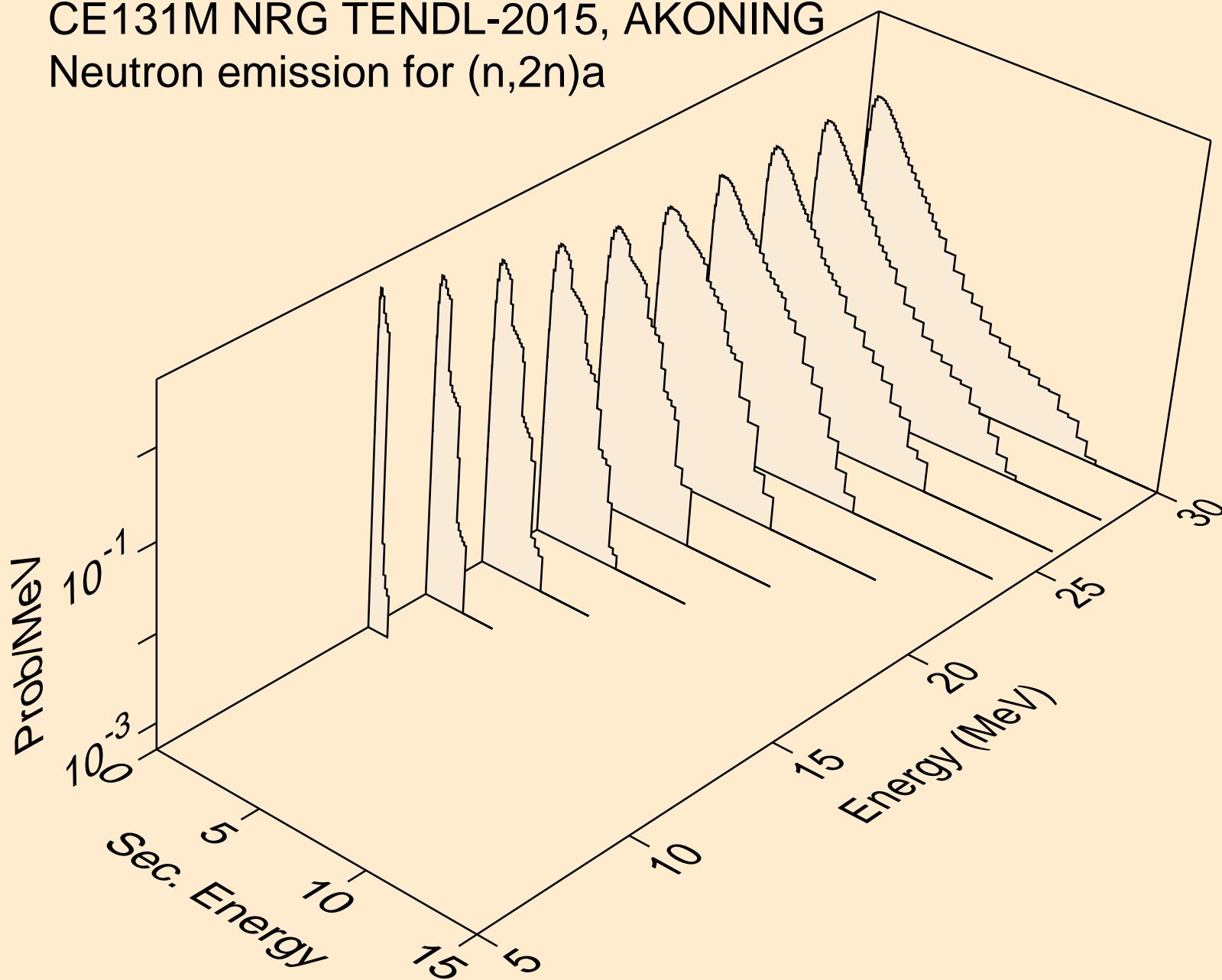
CE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



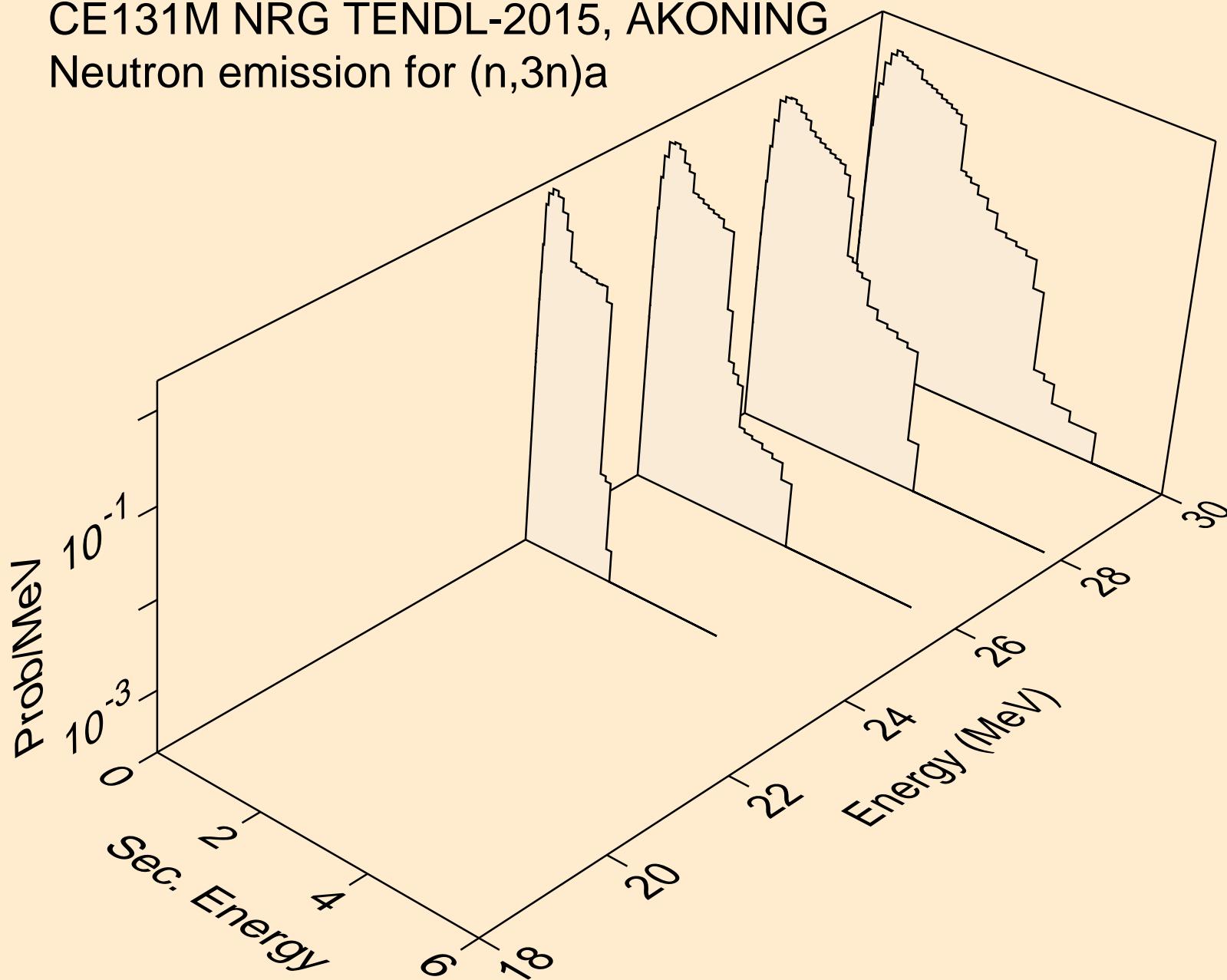
CE131M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



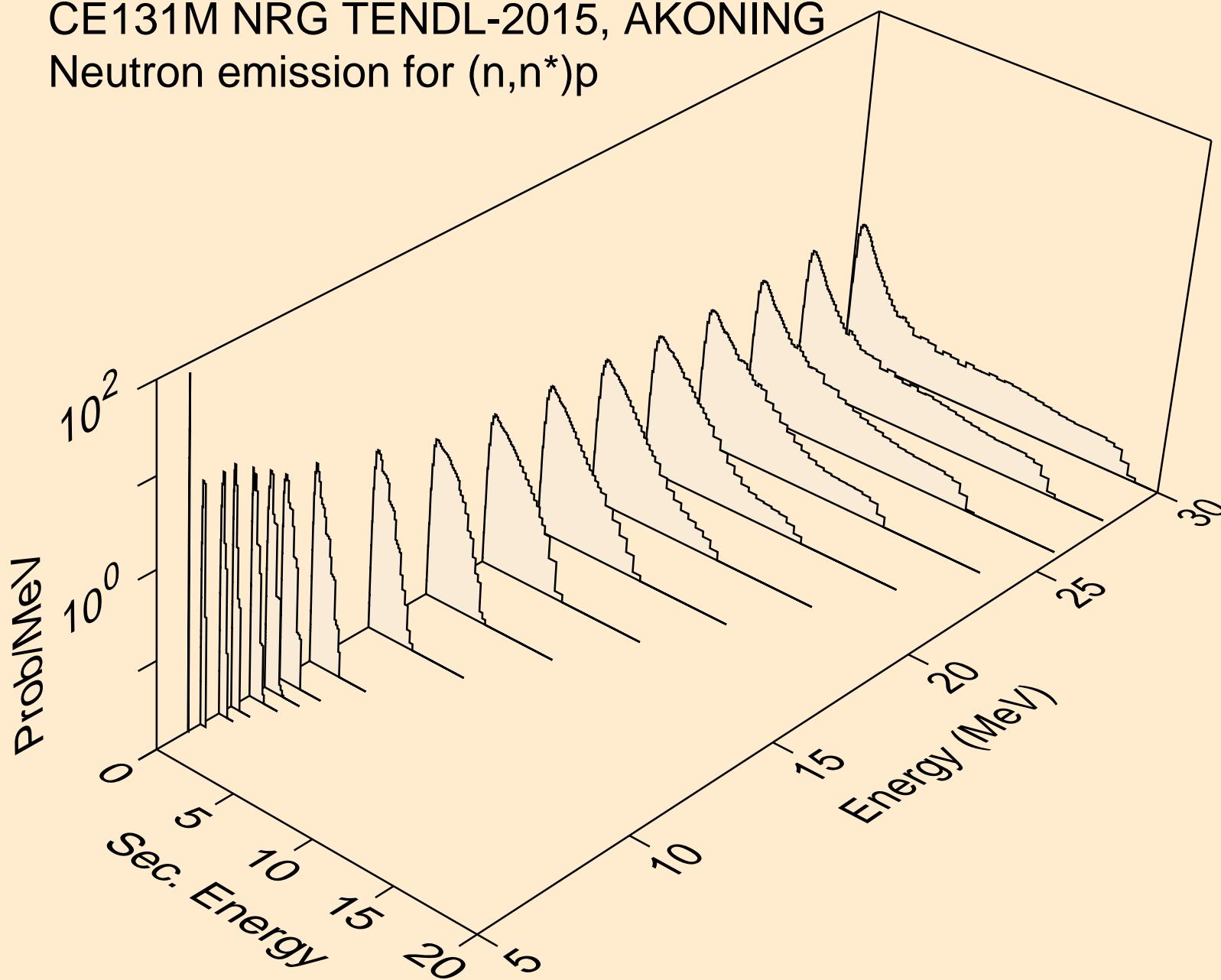
CE131M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



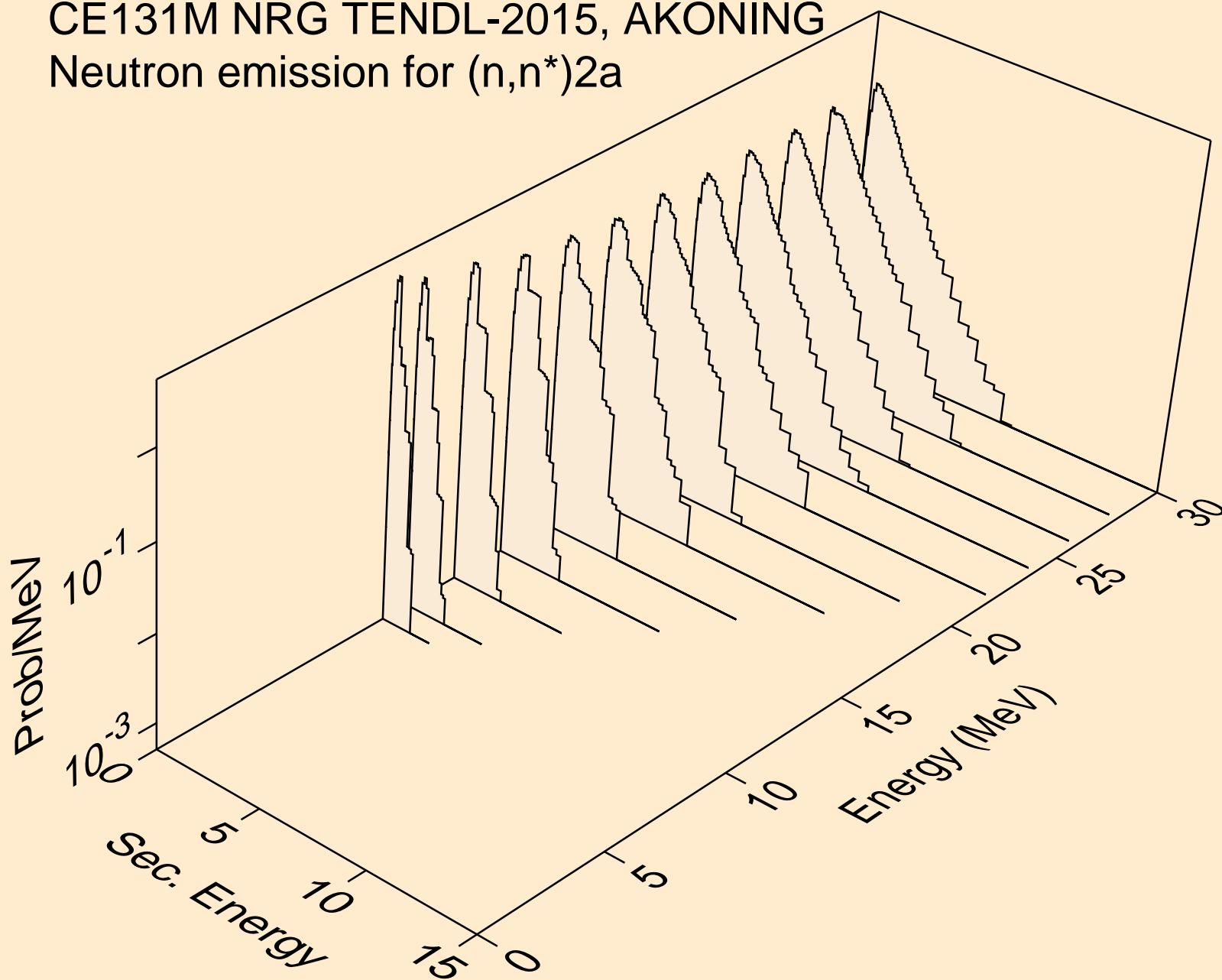
CE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



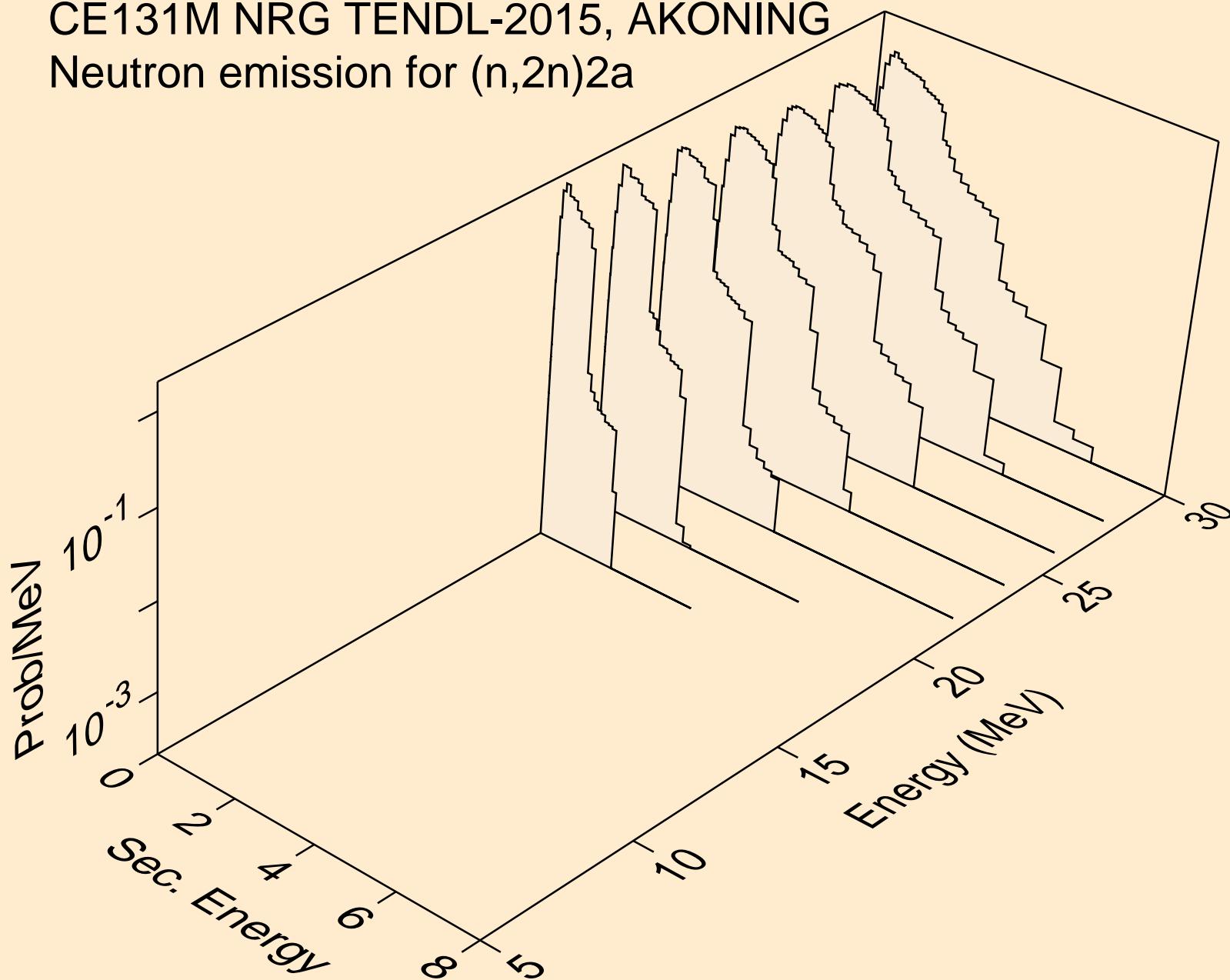
CE131M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



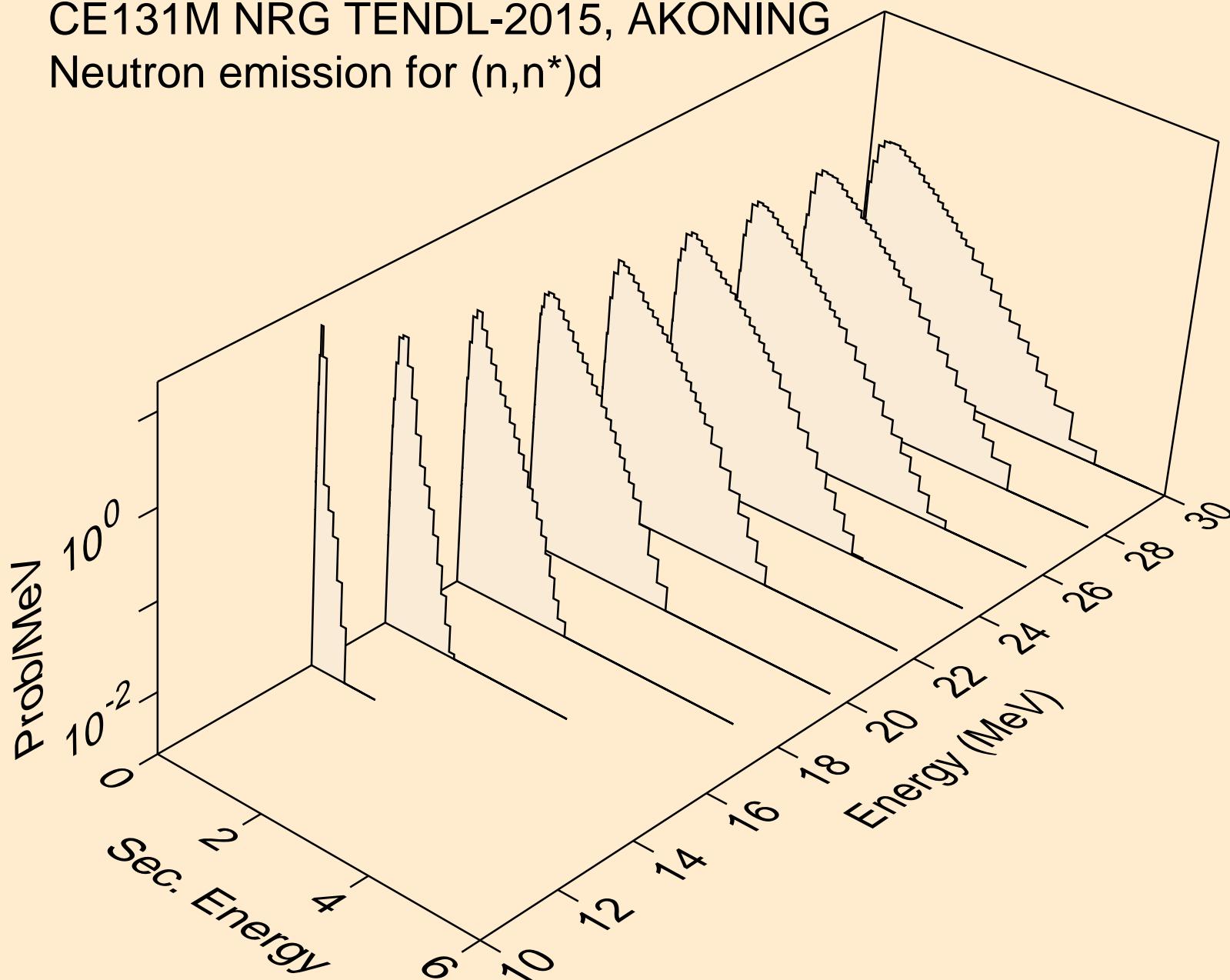
CE131M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



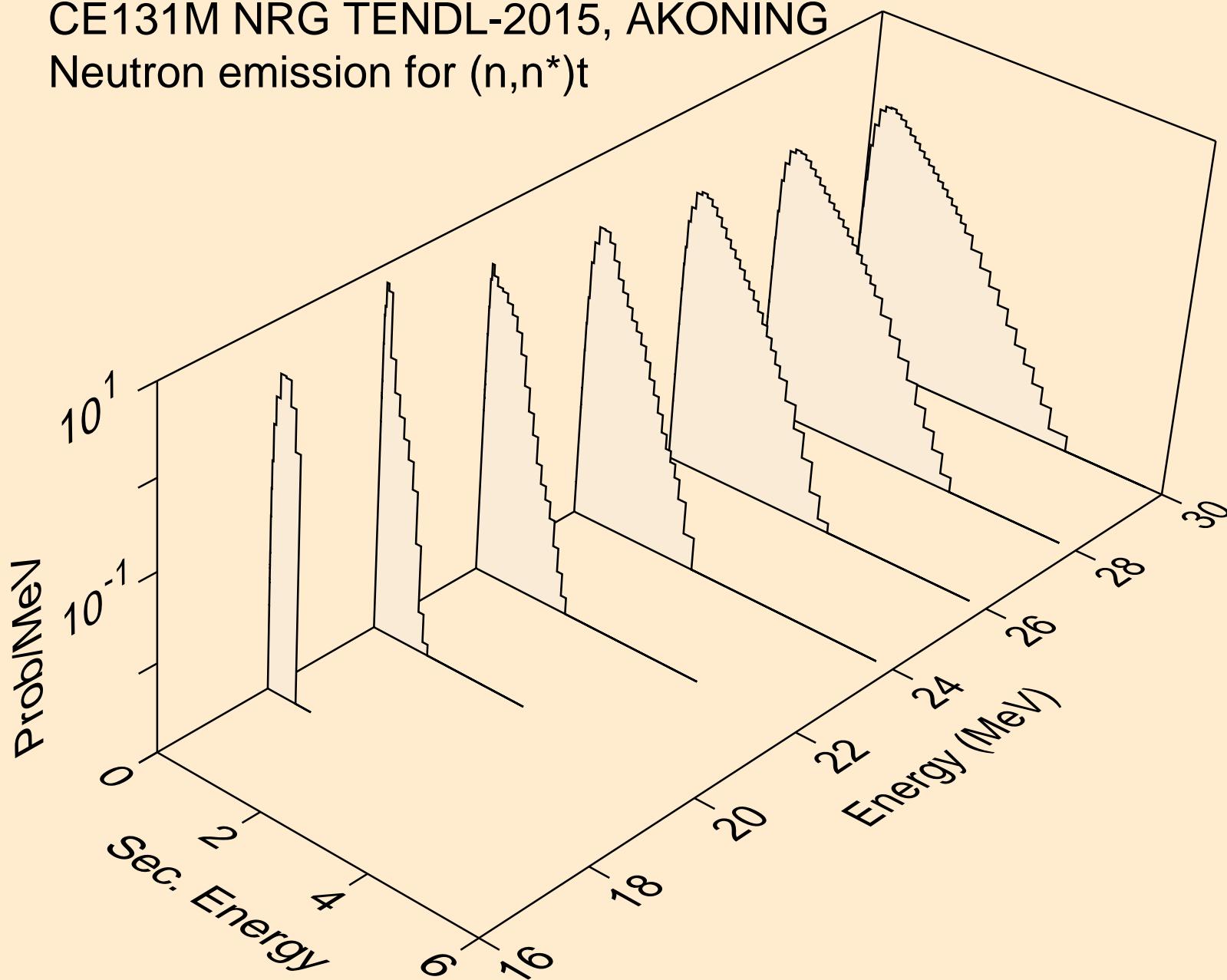
CE131M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)2a$



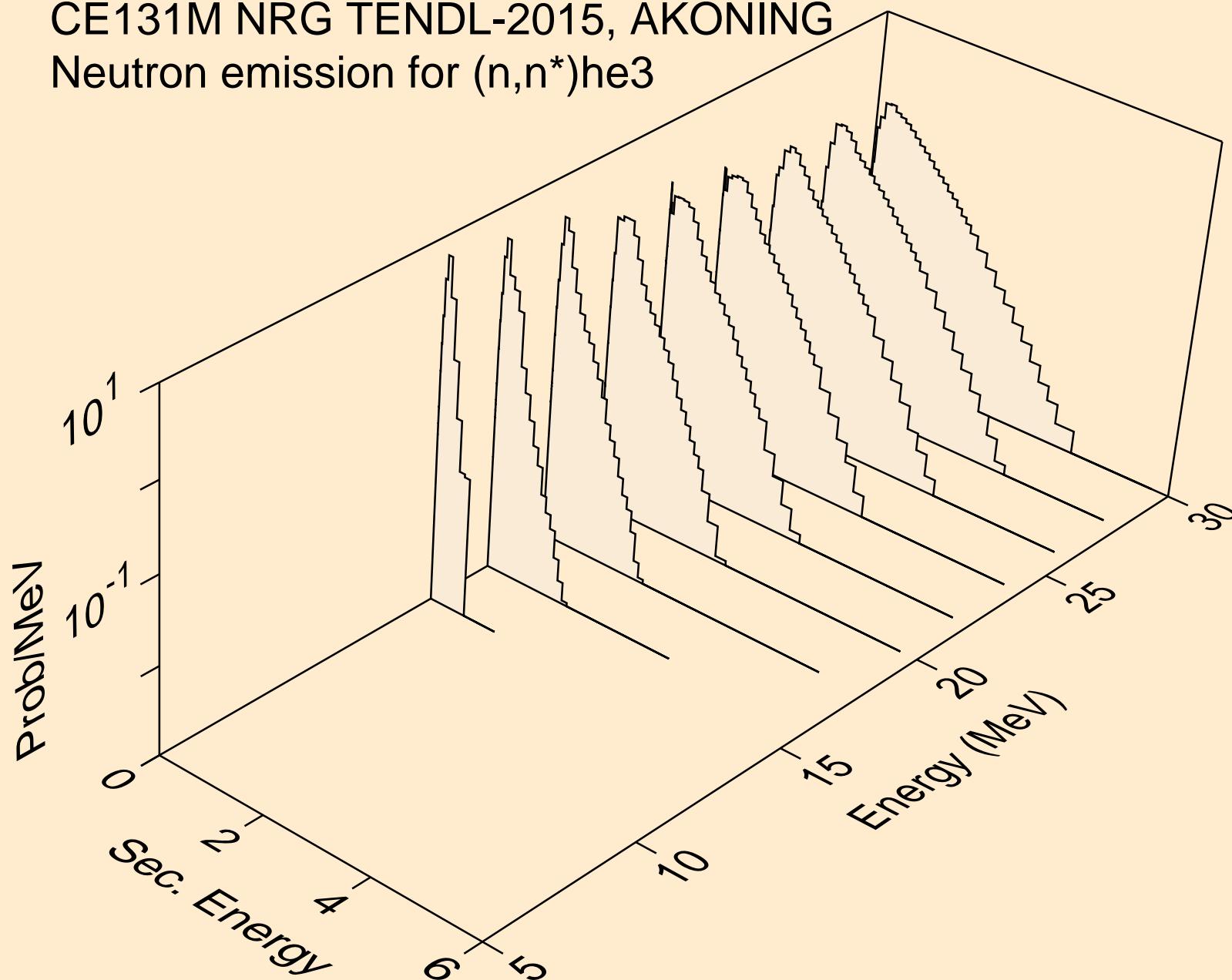
CE131M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



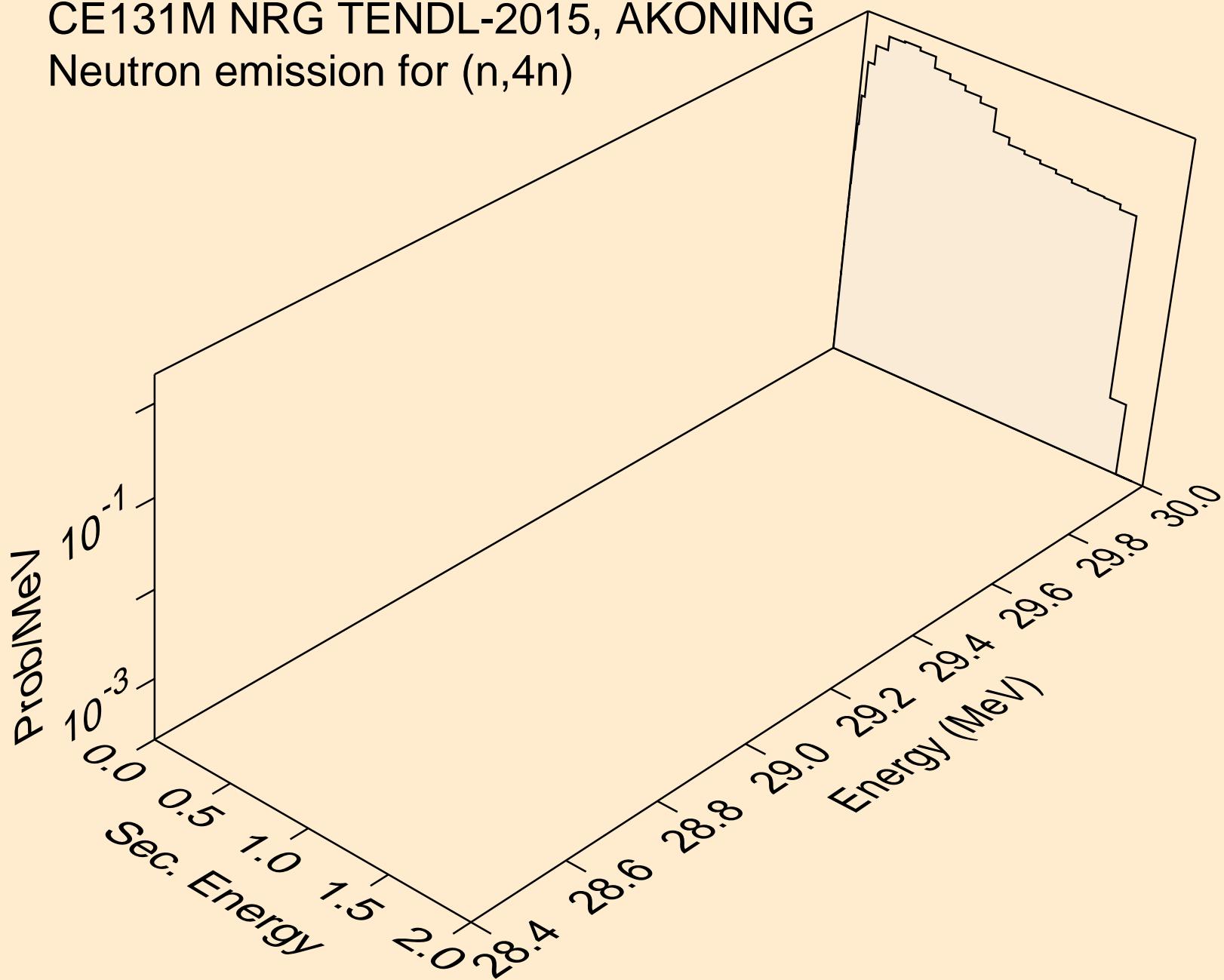
CE131M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



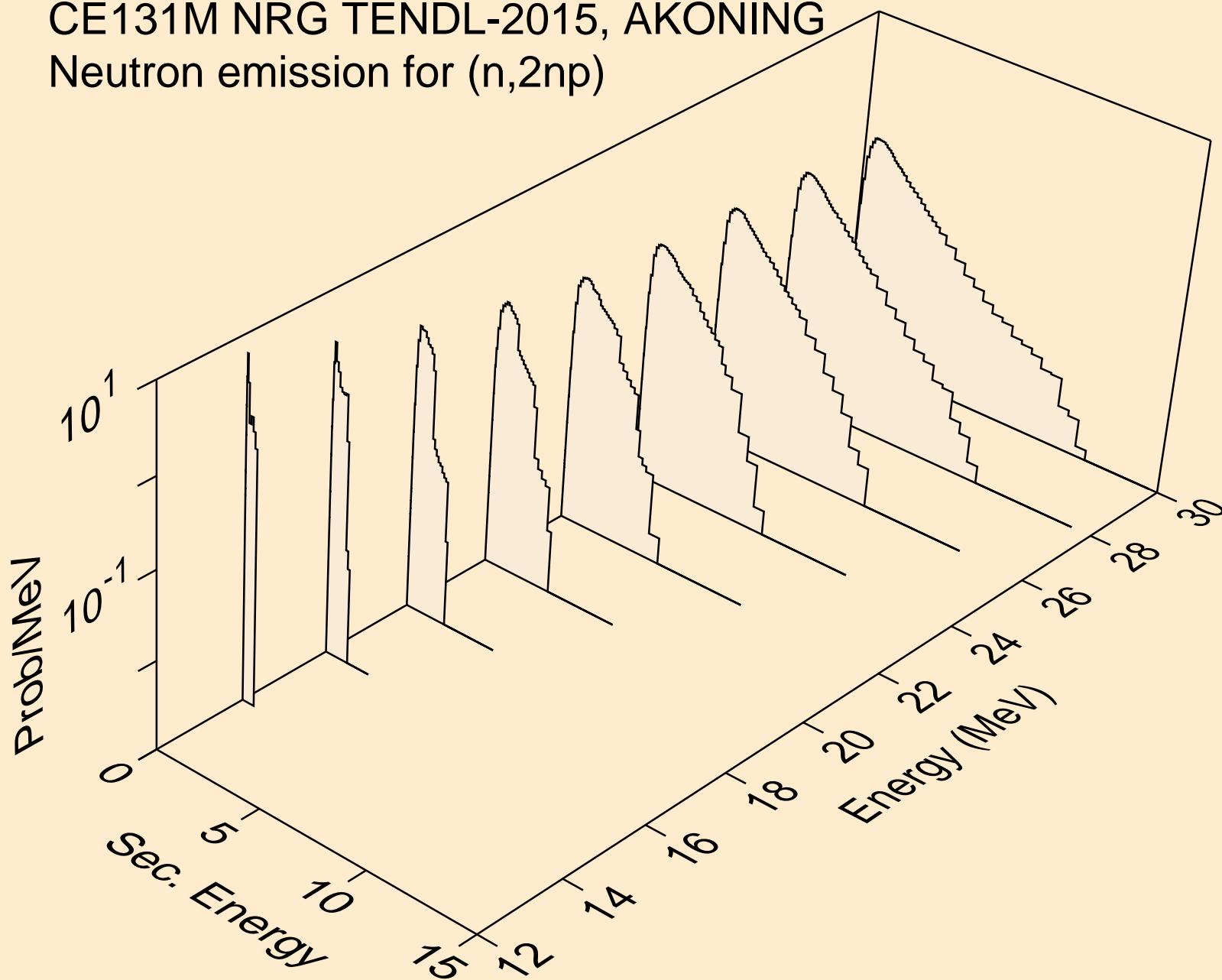
CE131M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



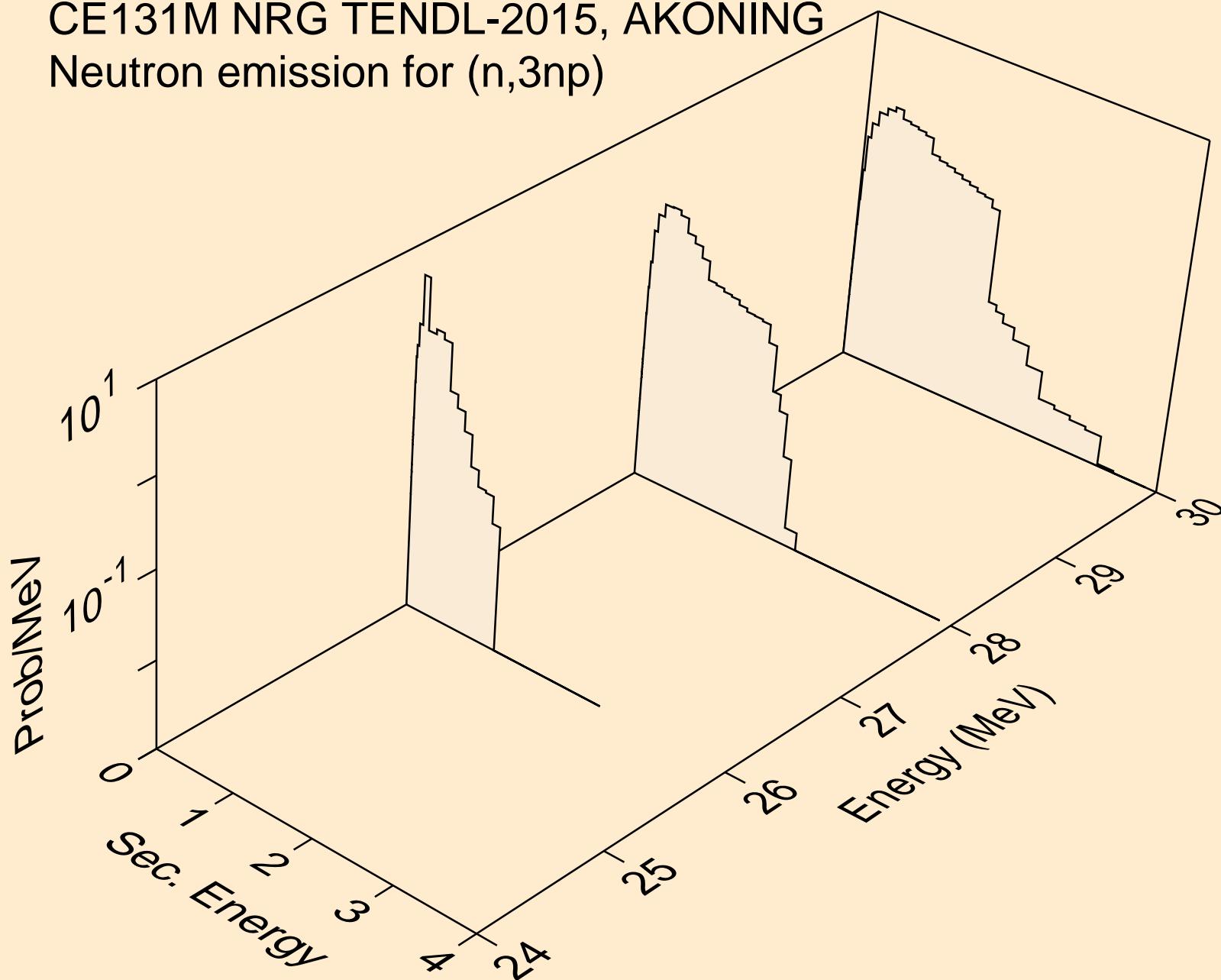
CE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



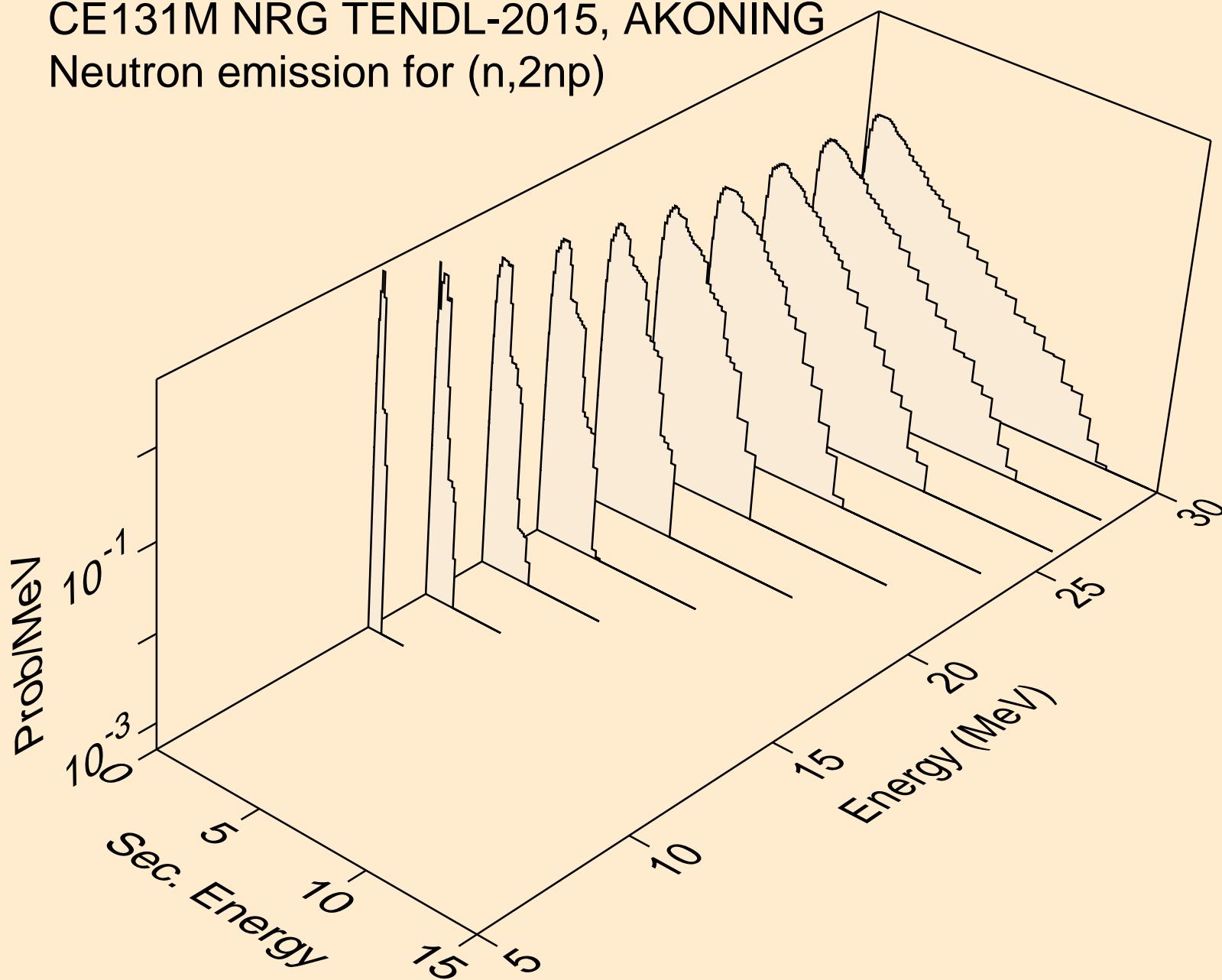
CE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



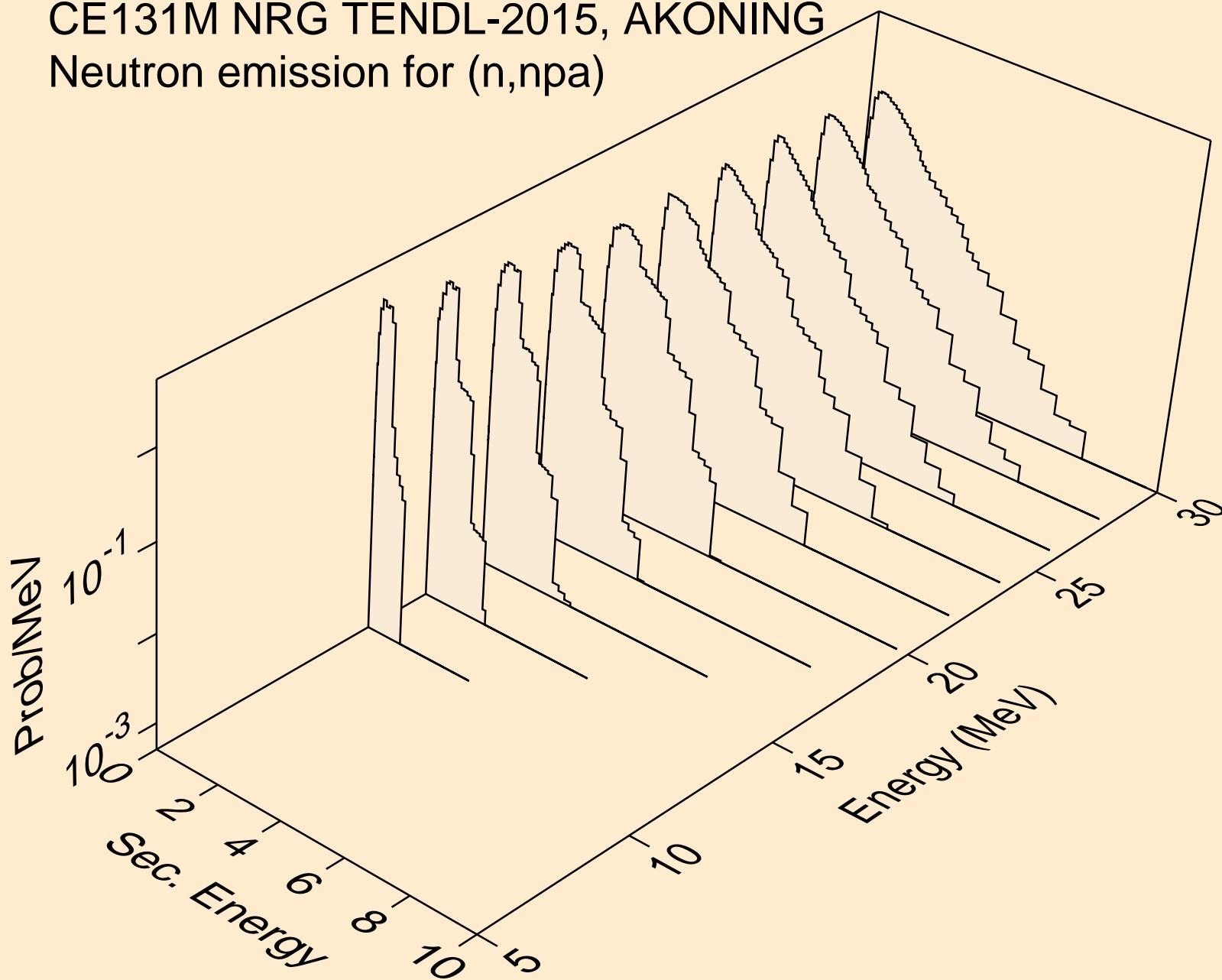
CE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



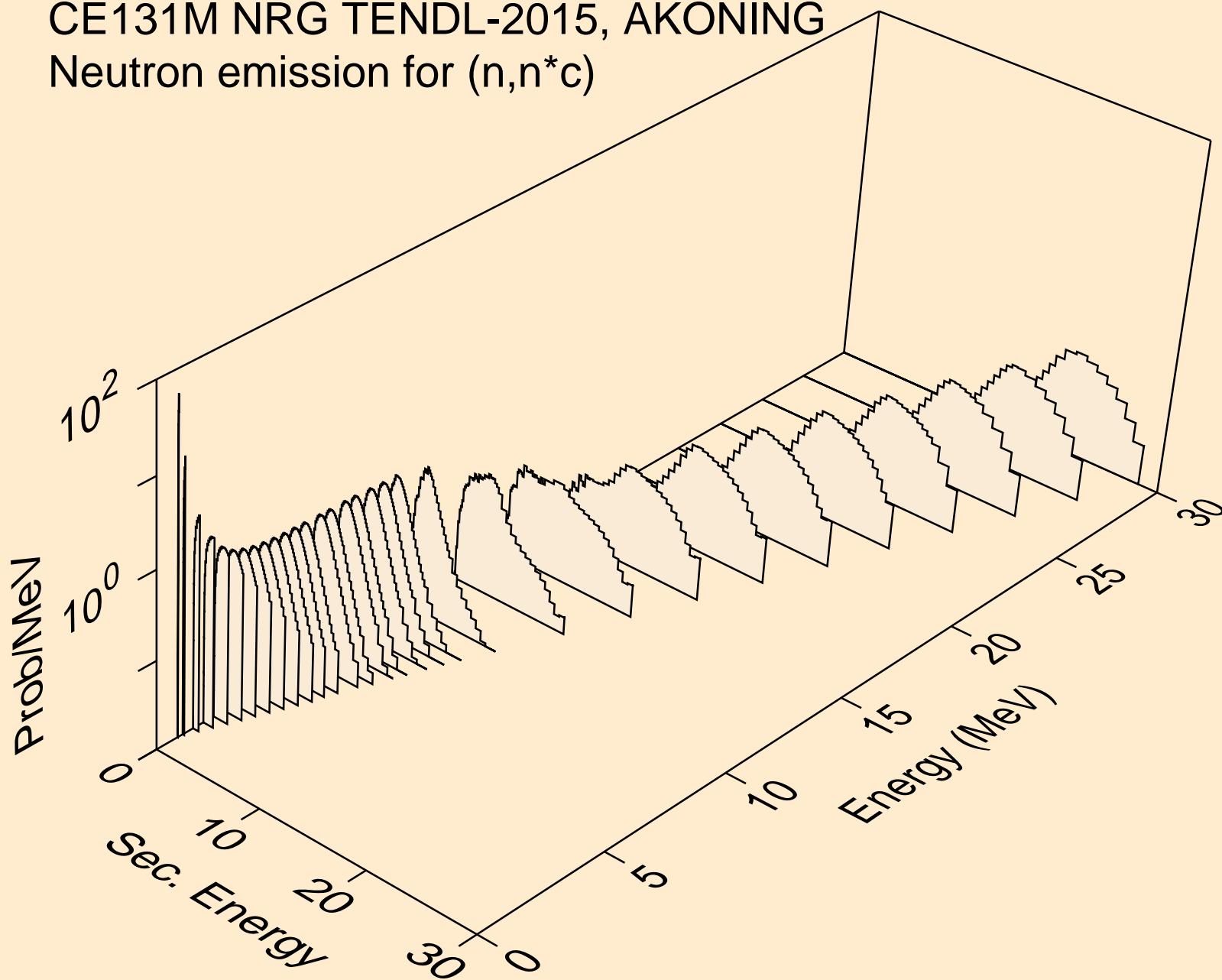
CE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



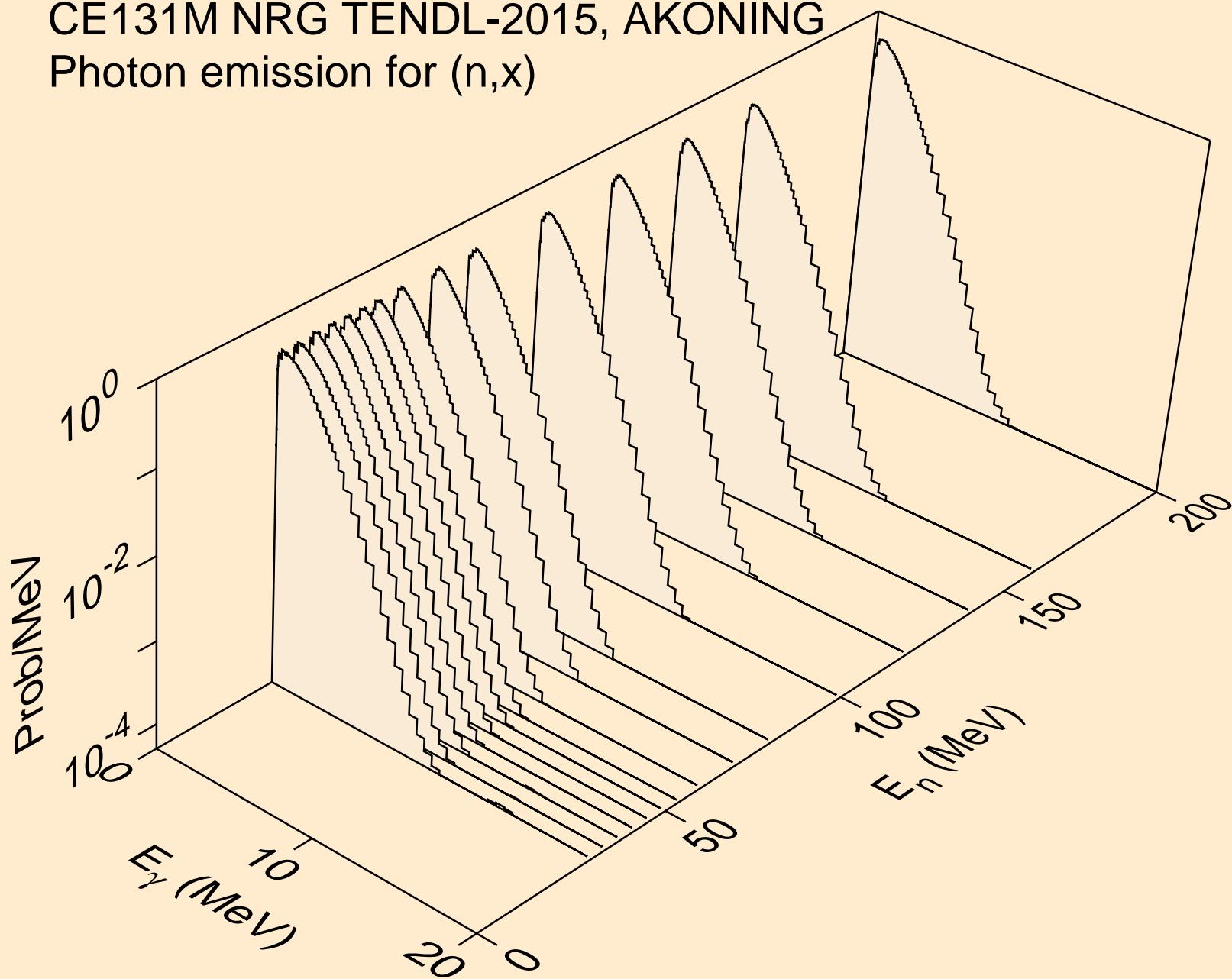
CE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



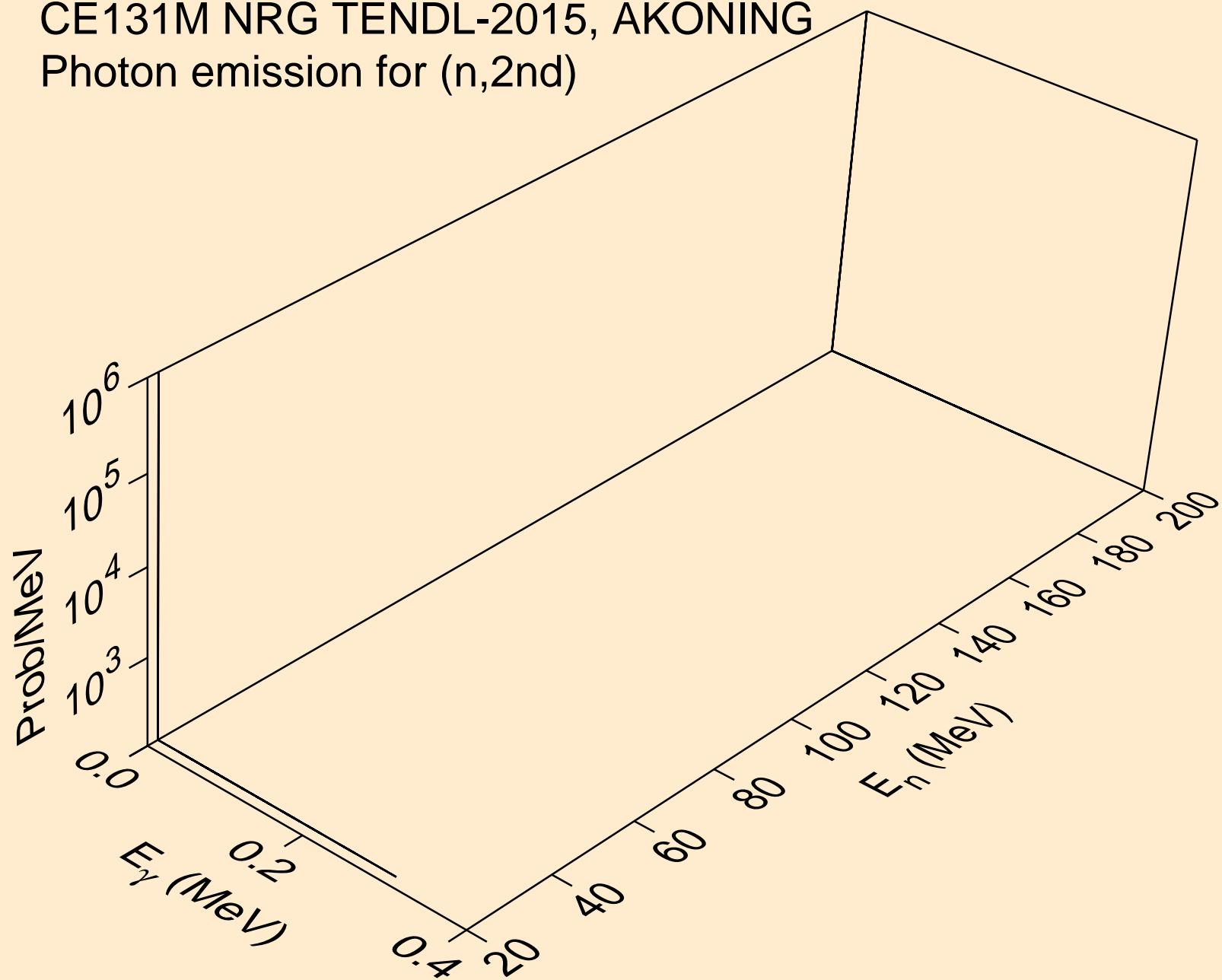
CE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



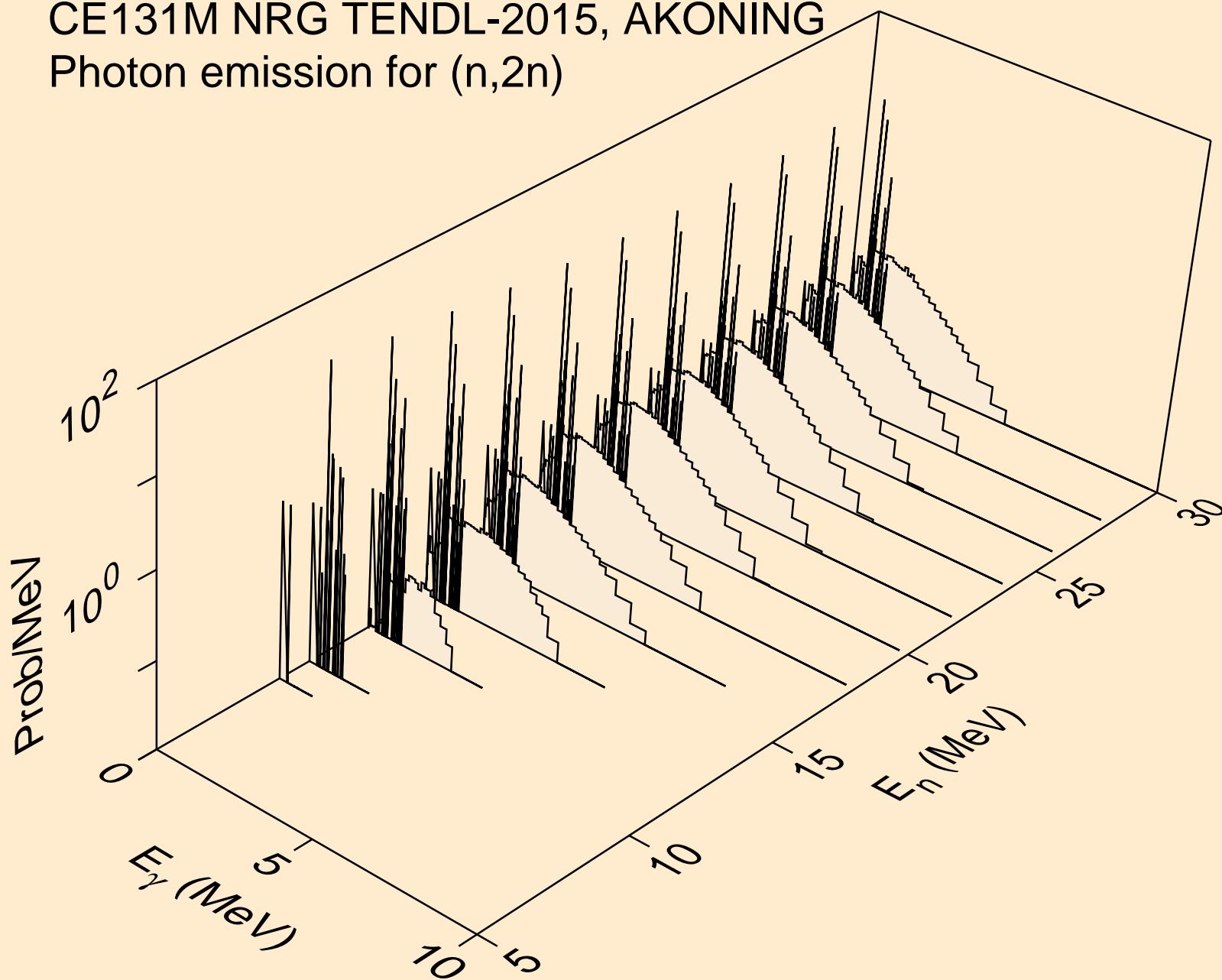
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



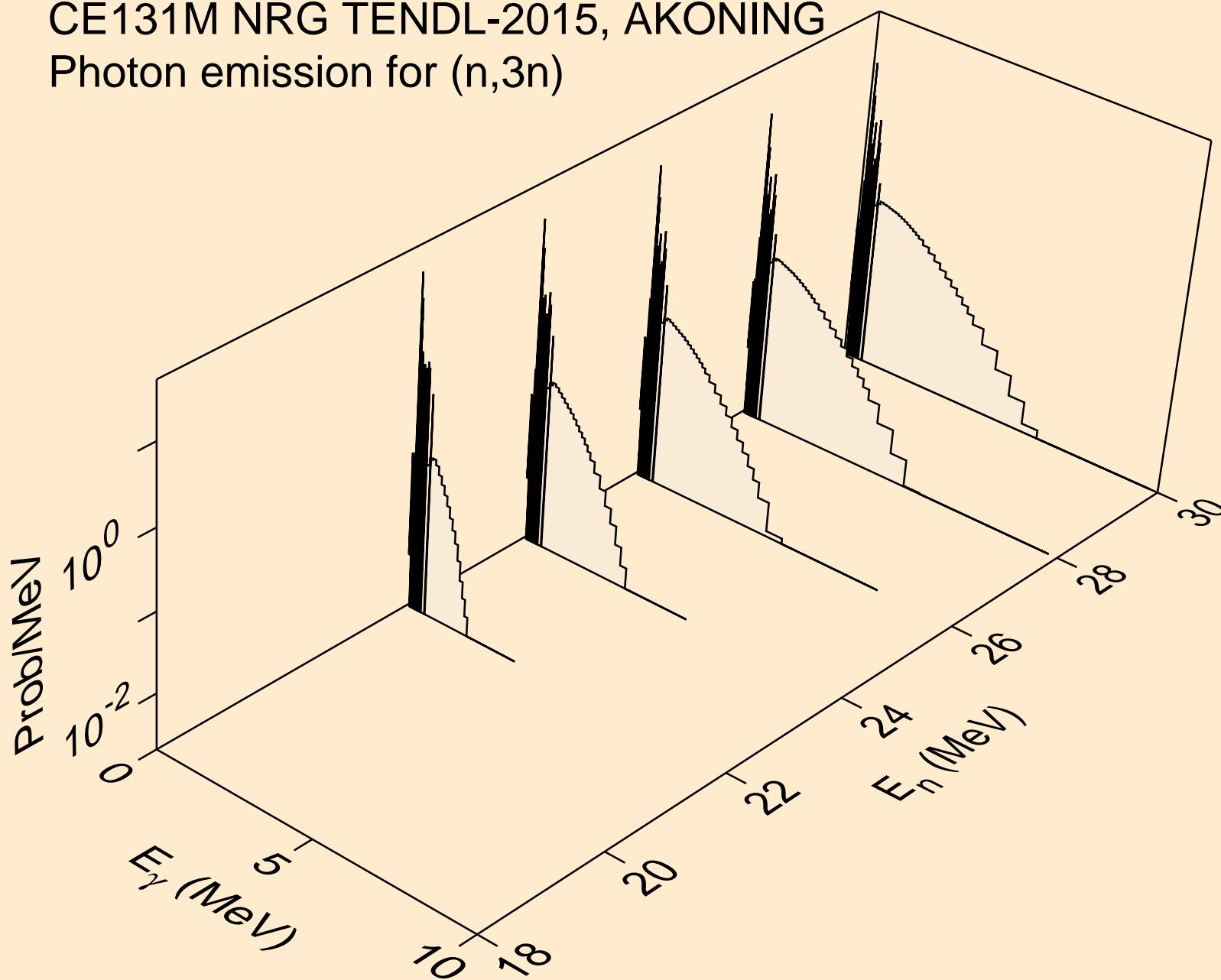
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



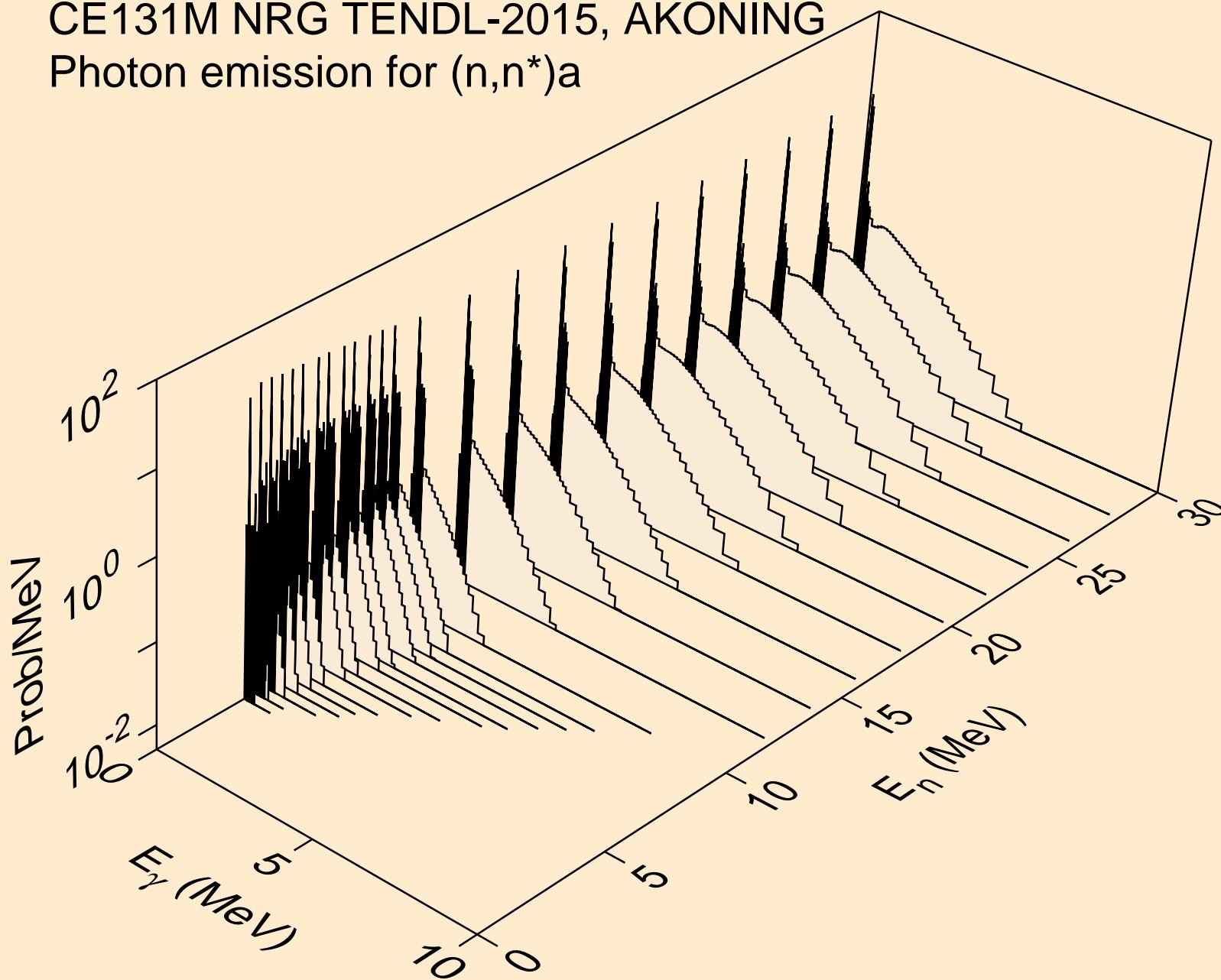
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



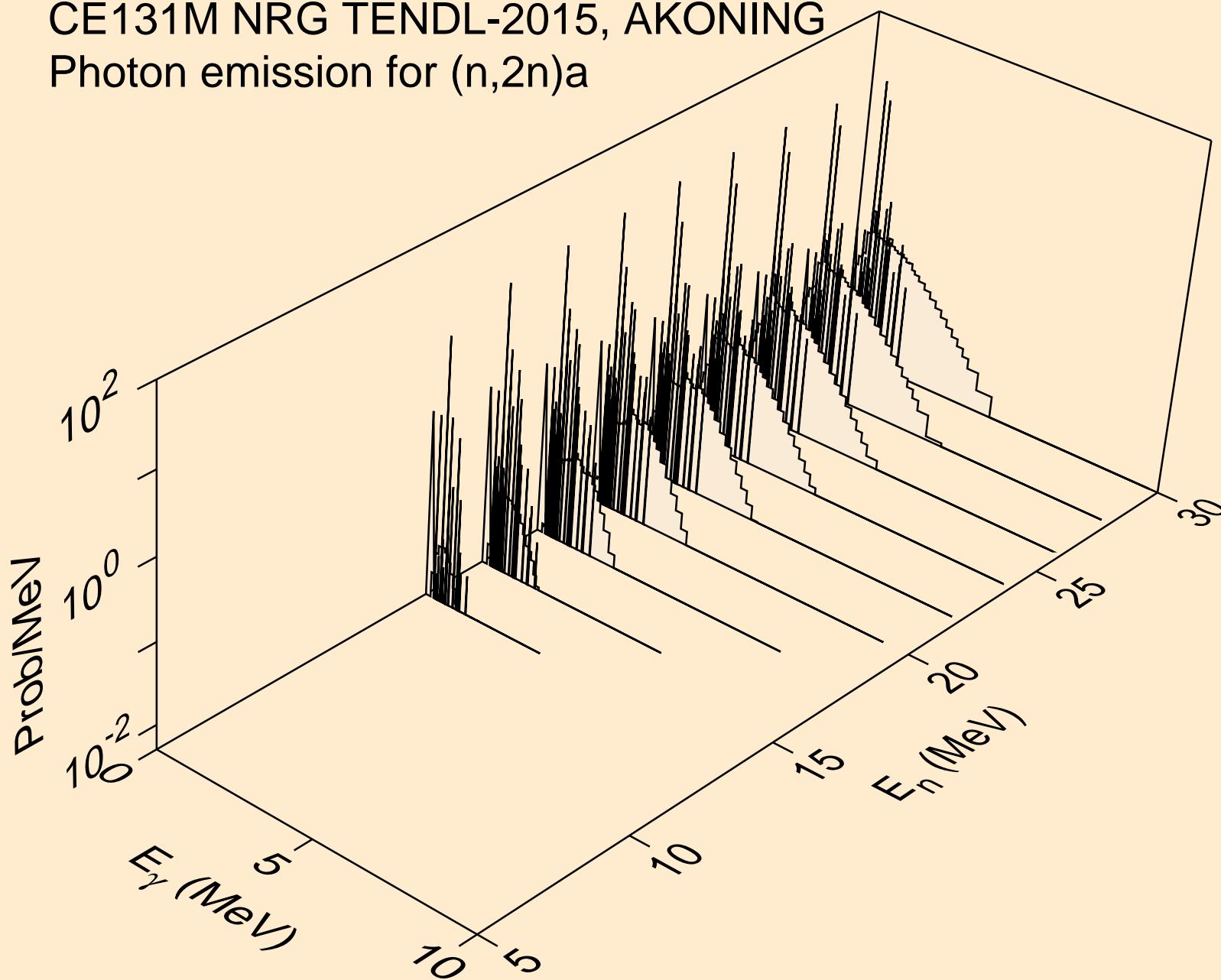
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



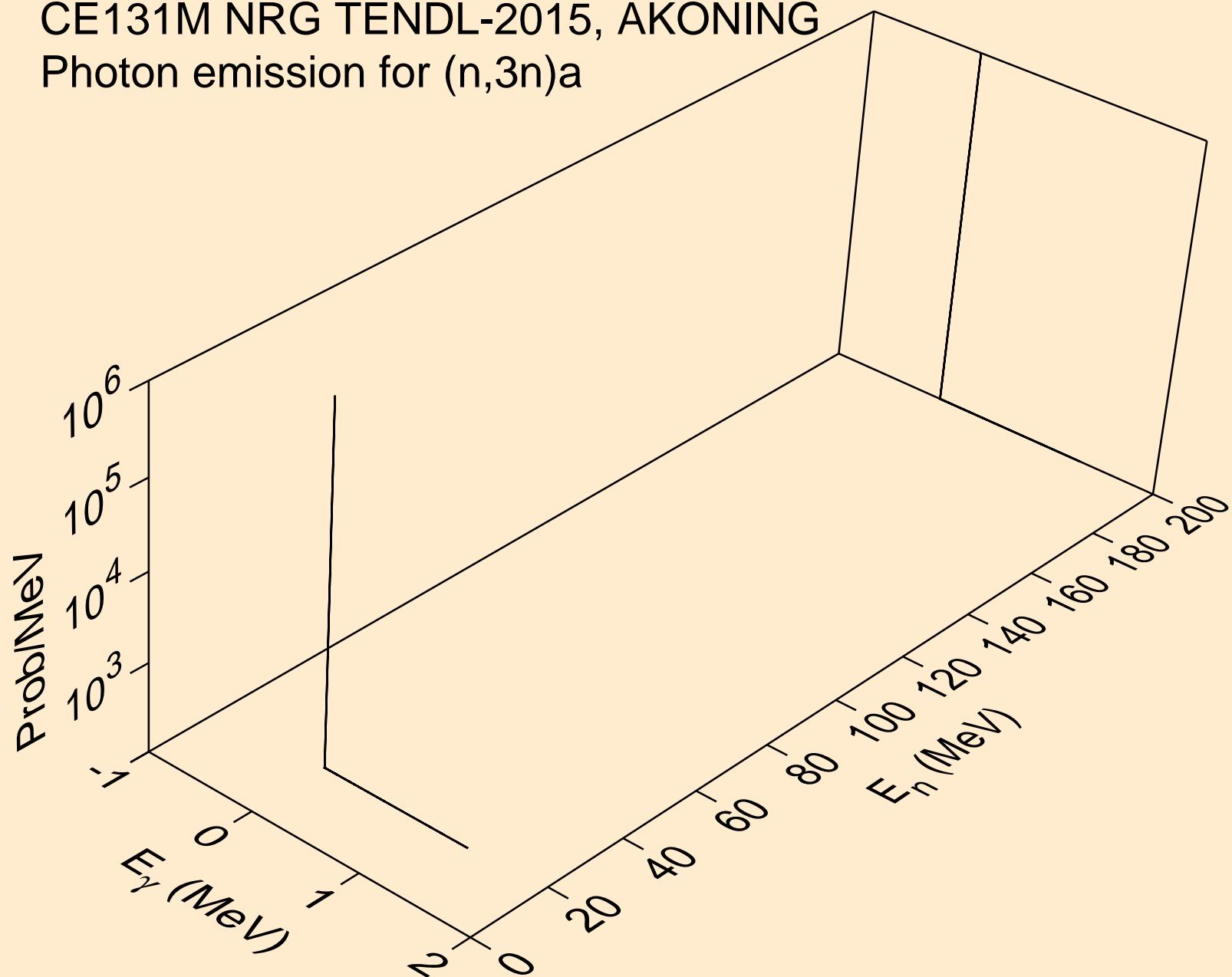
CE131M NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



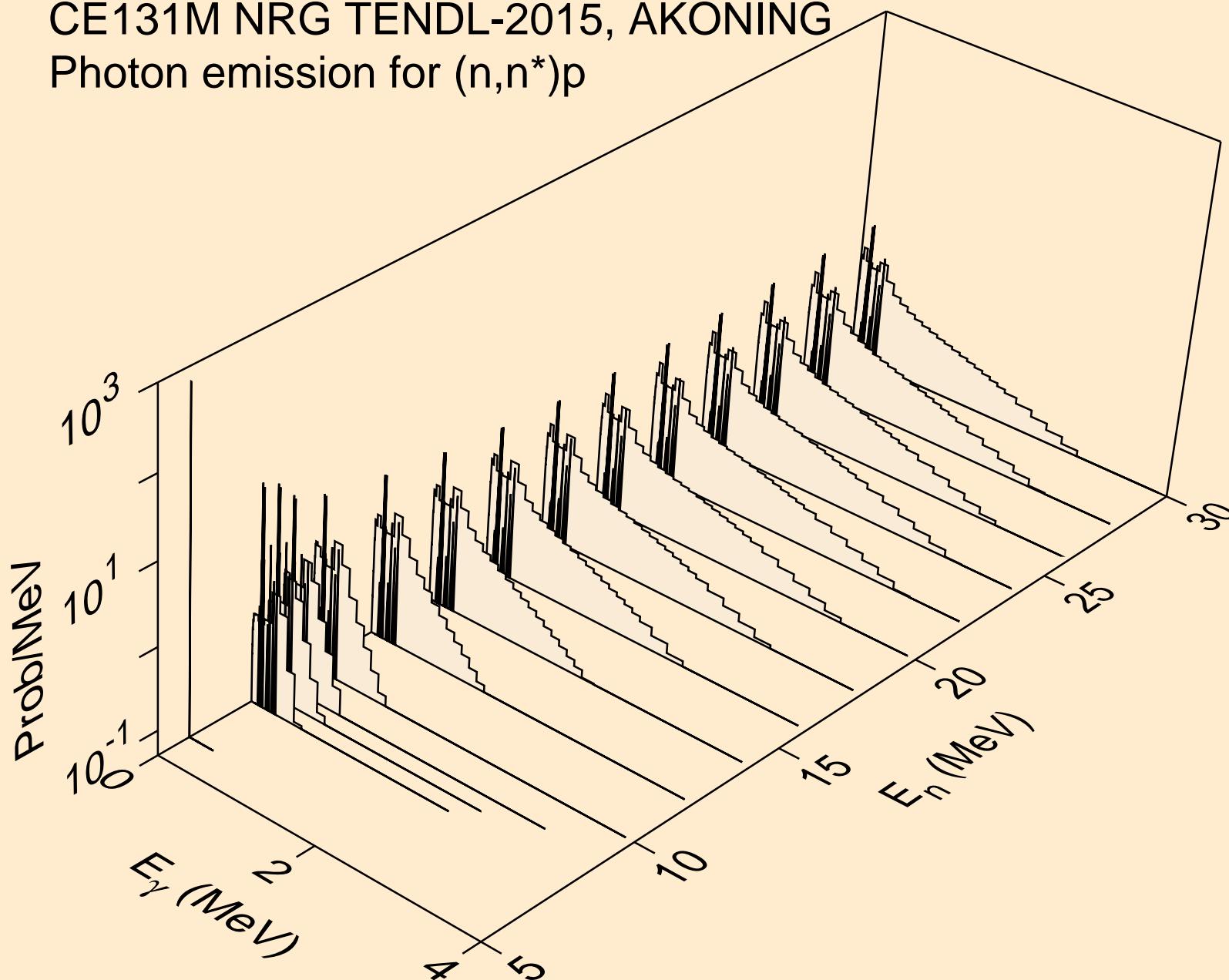
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



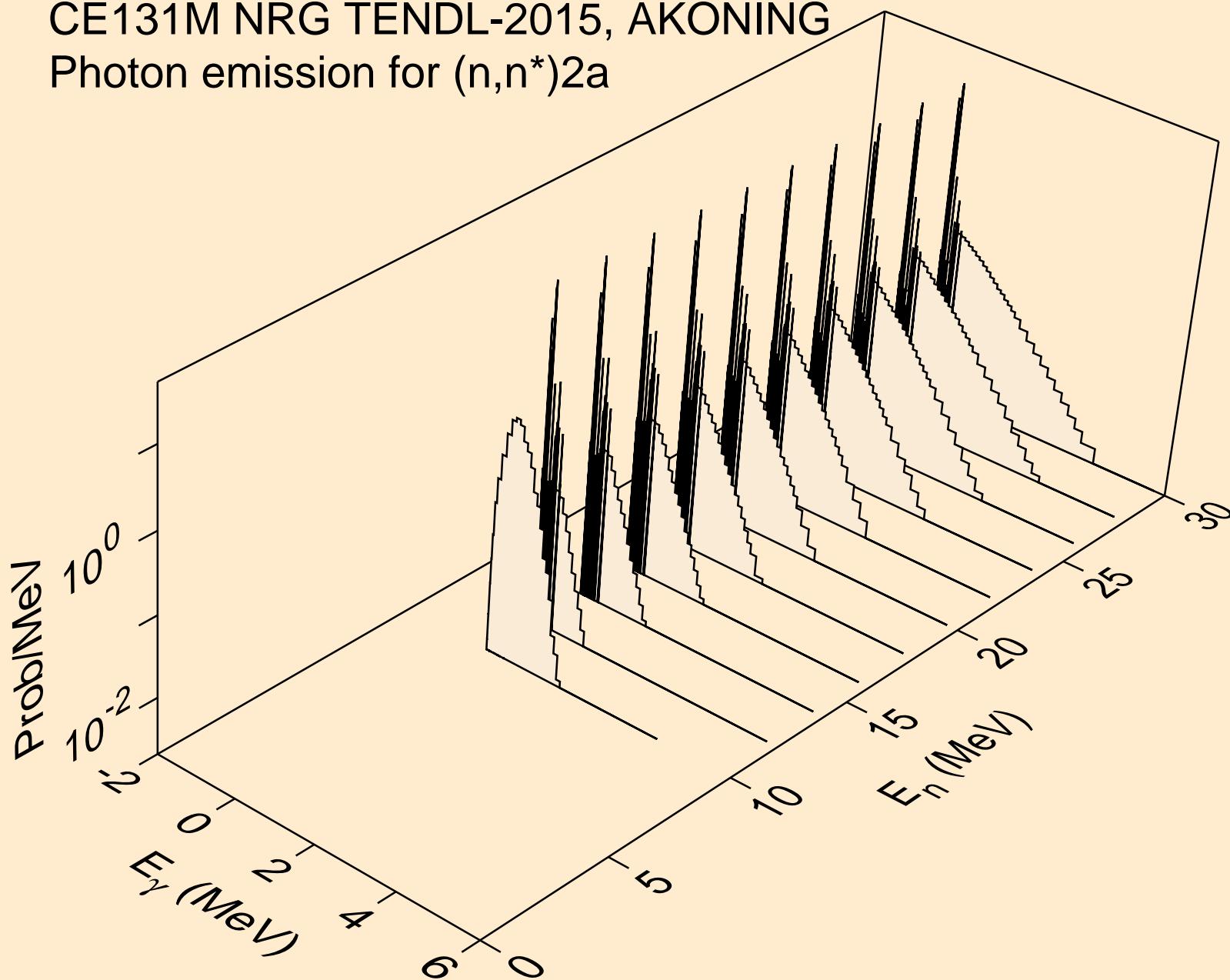
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



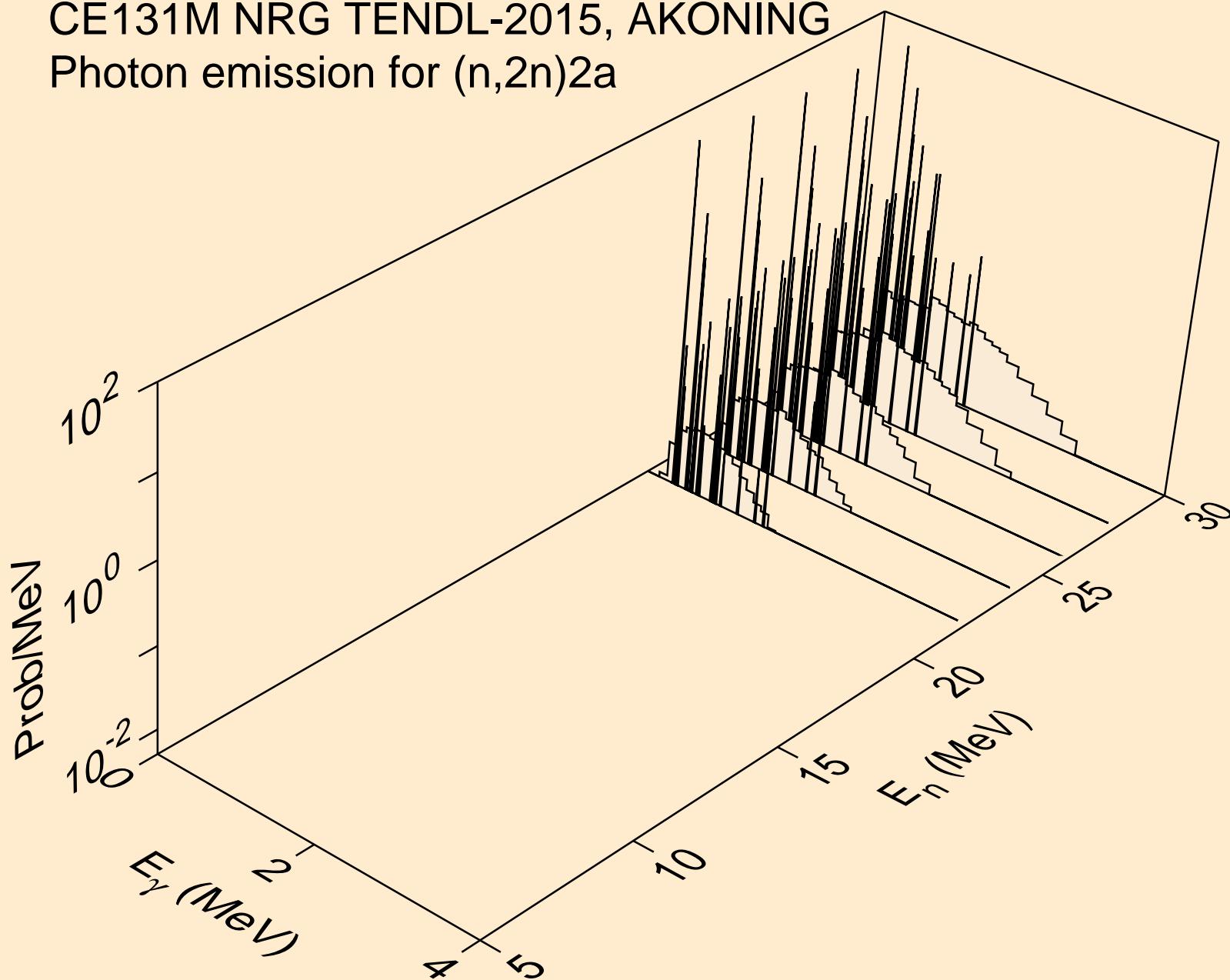
CE131M NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



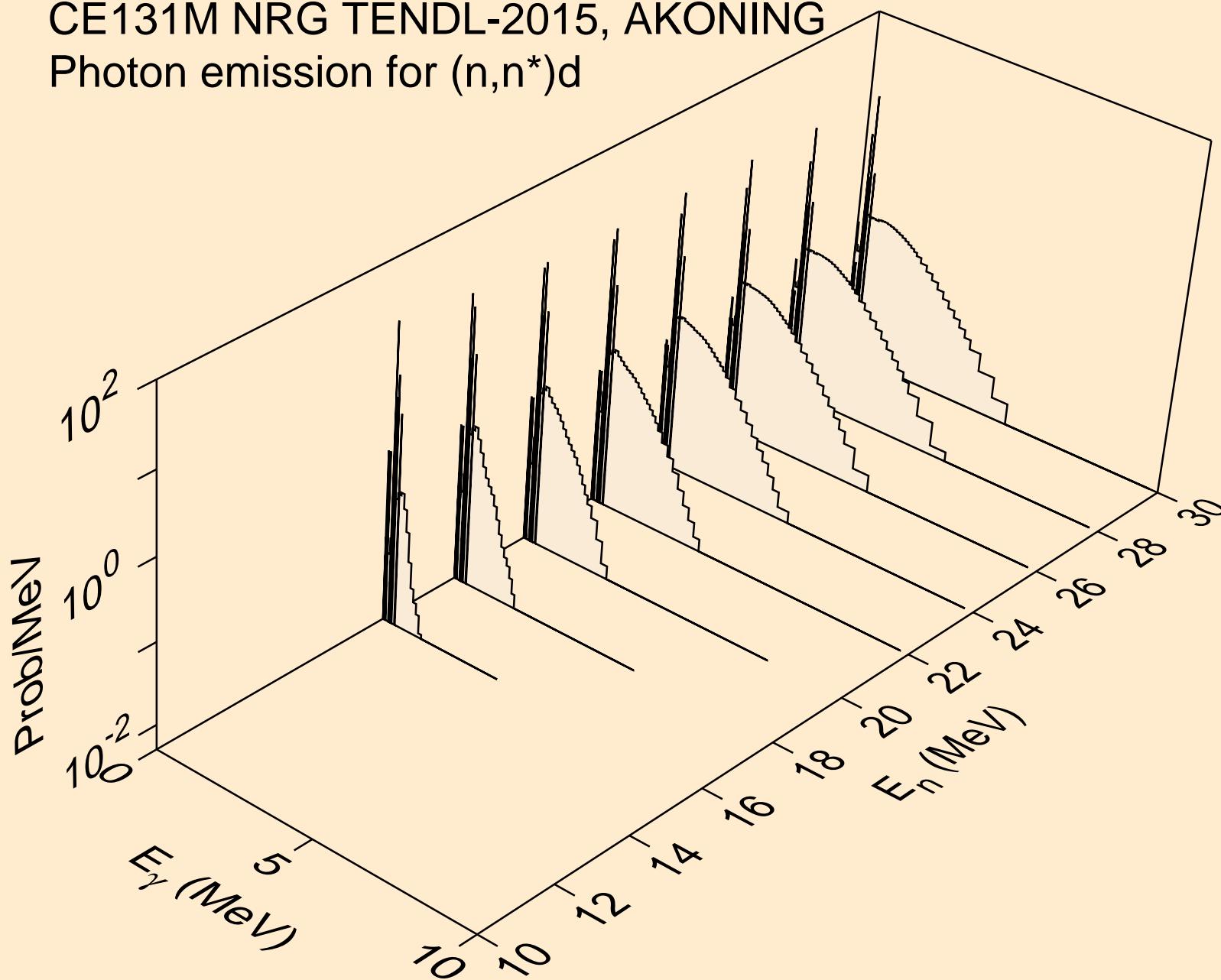
CE131M NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)2a$



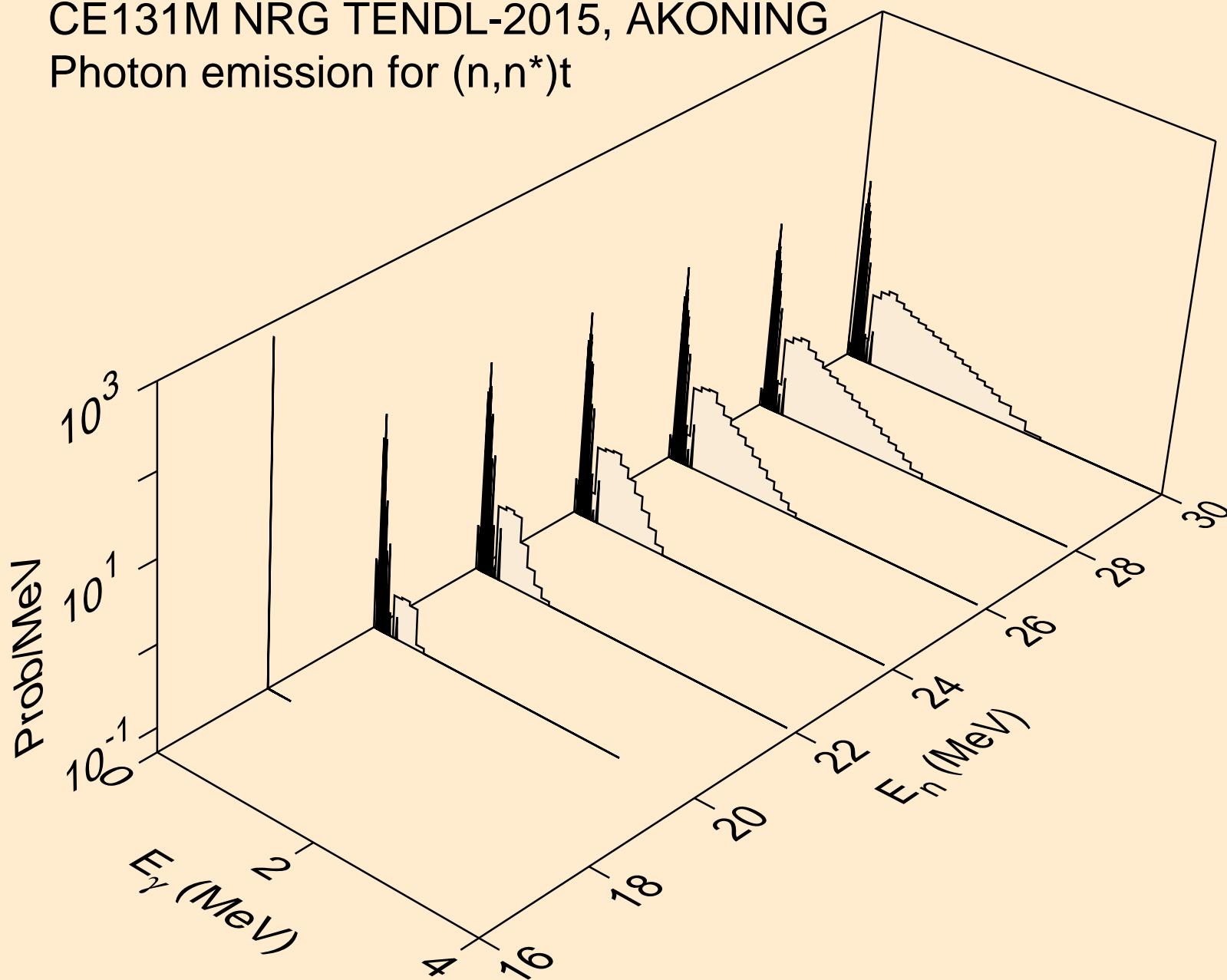
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



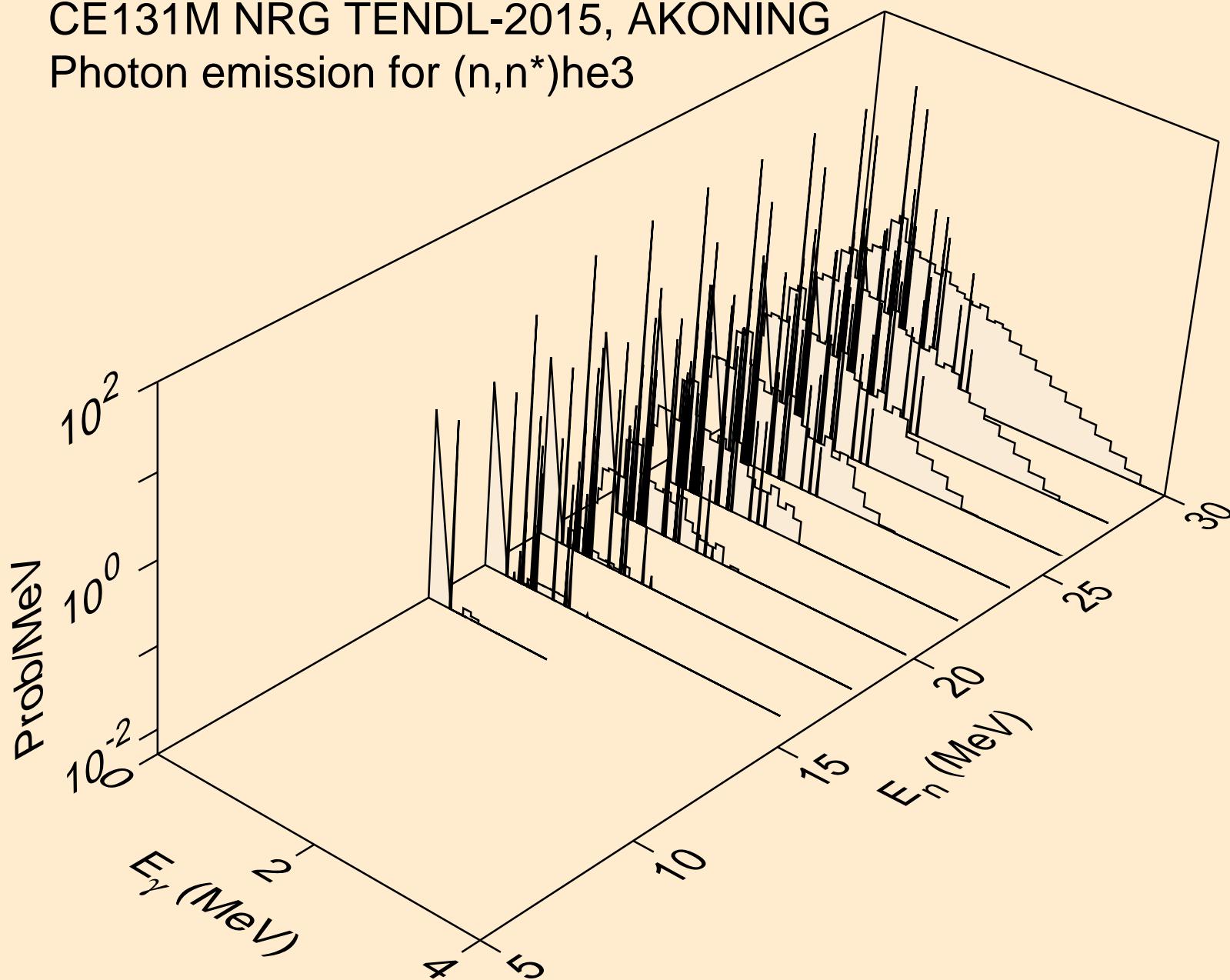
CE131M NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



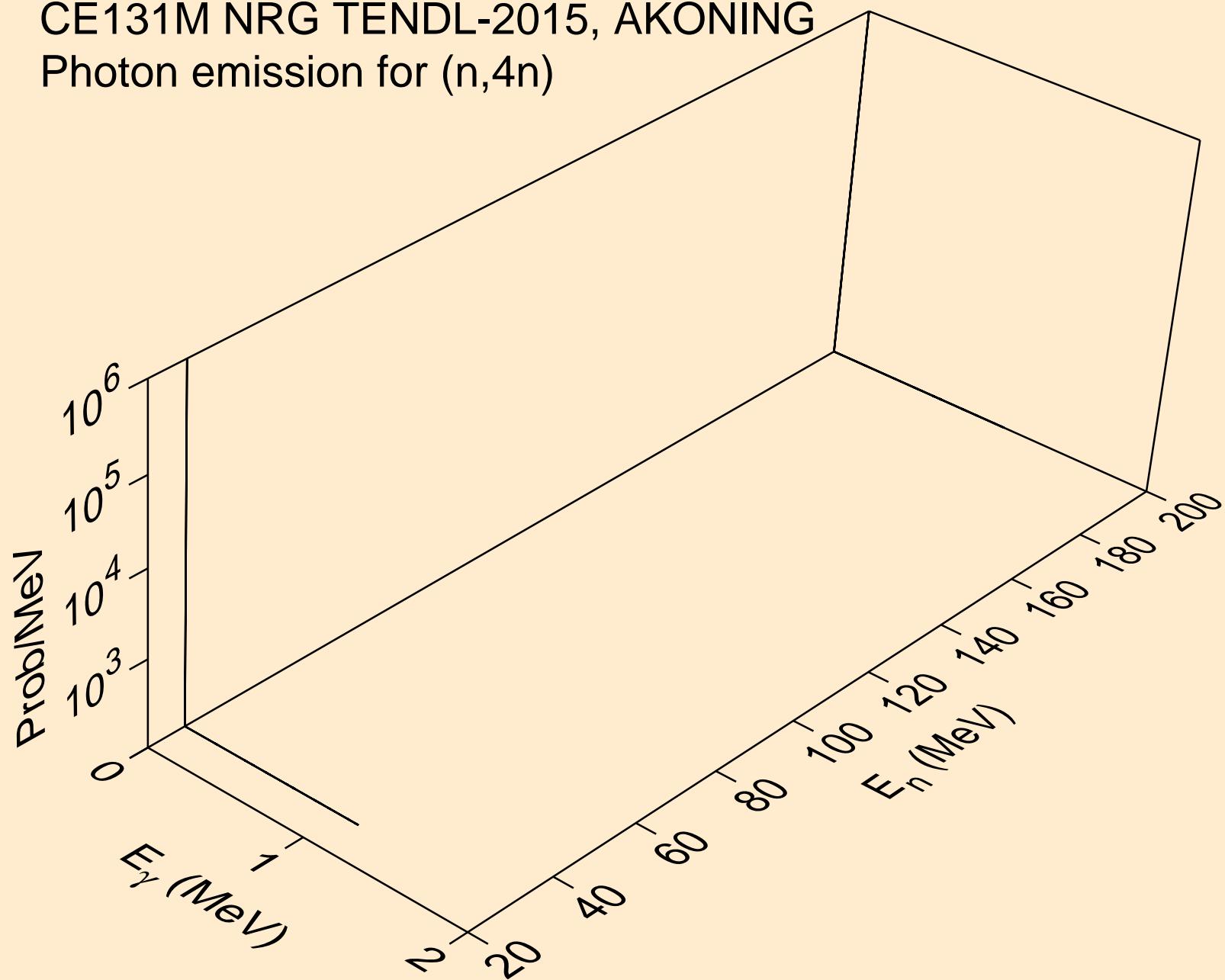
CE131M NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



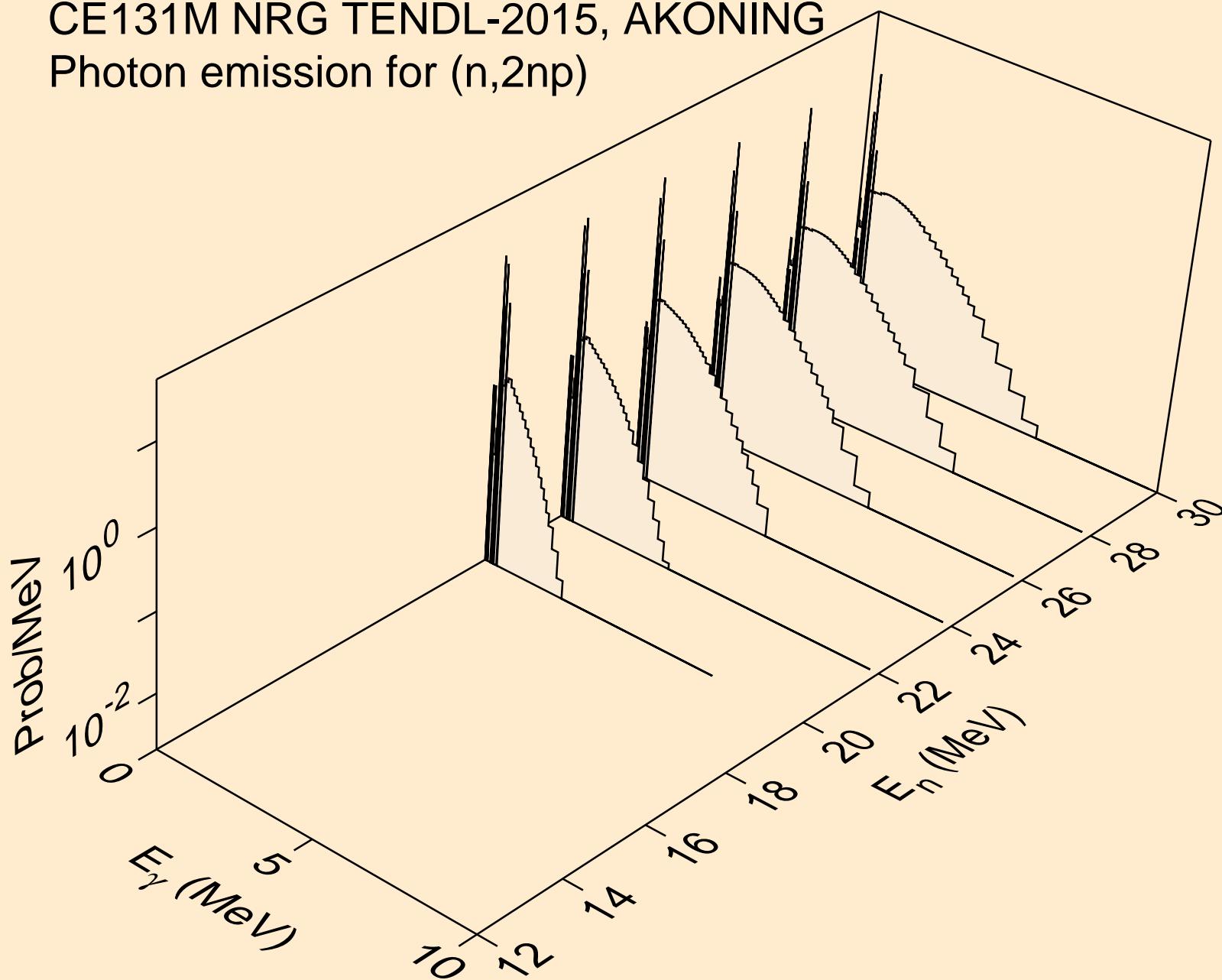
CE131M NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



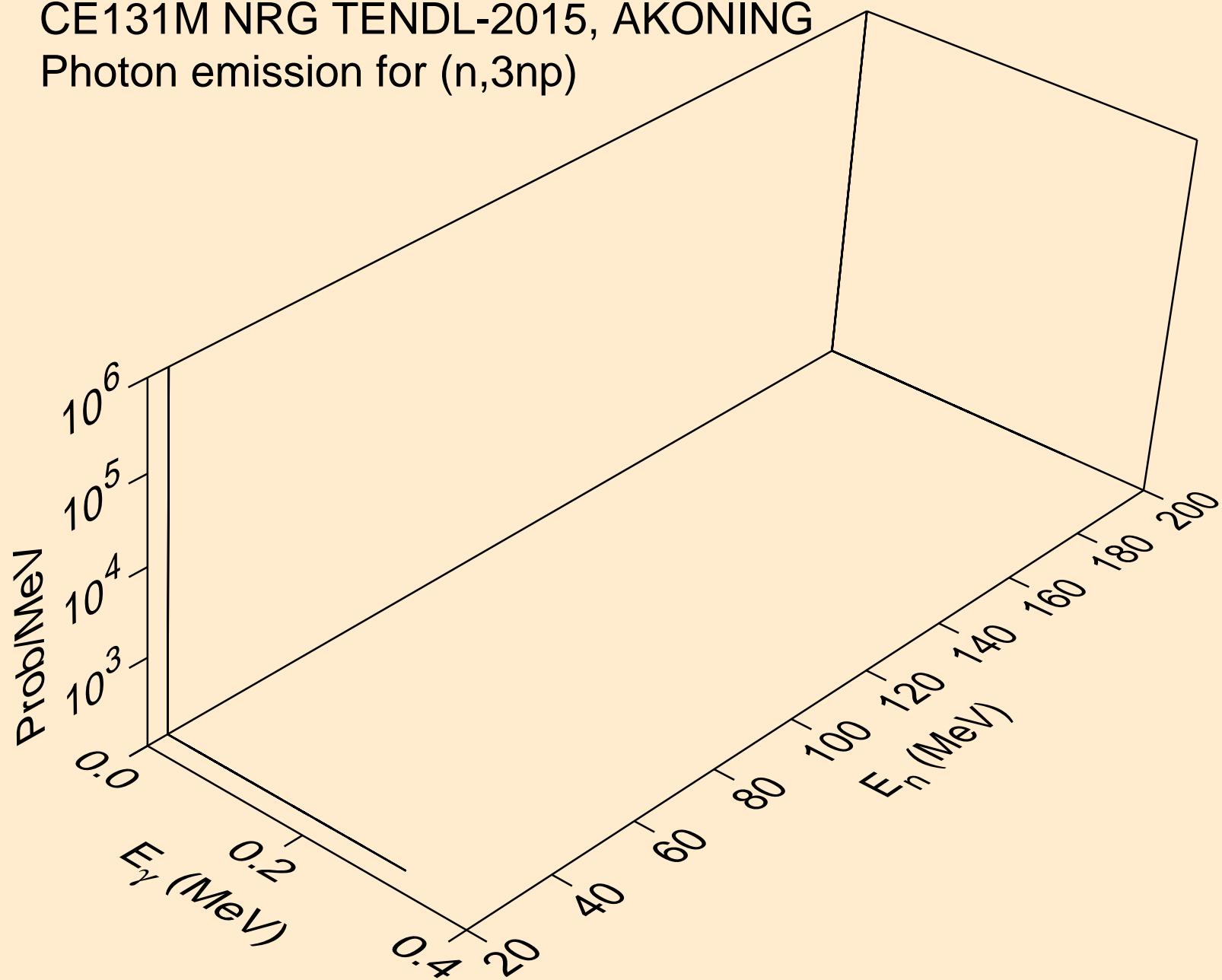
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



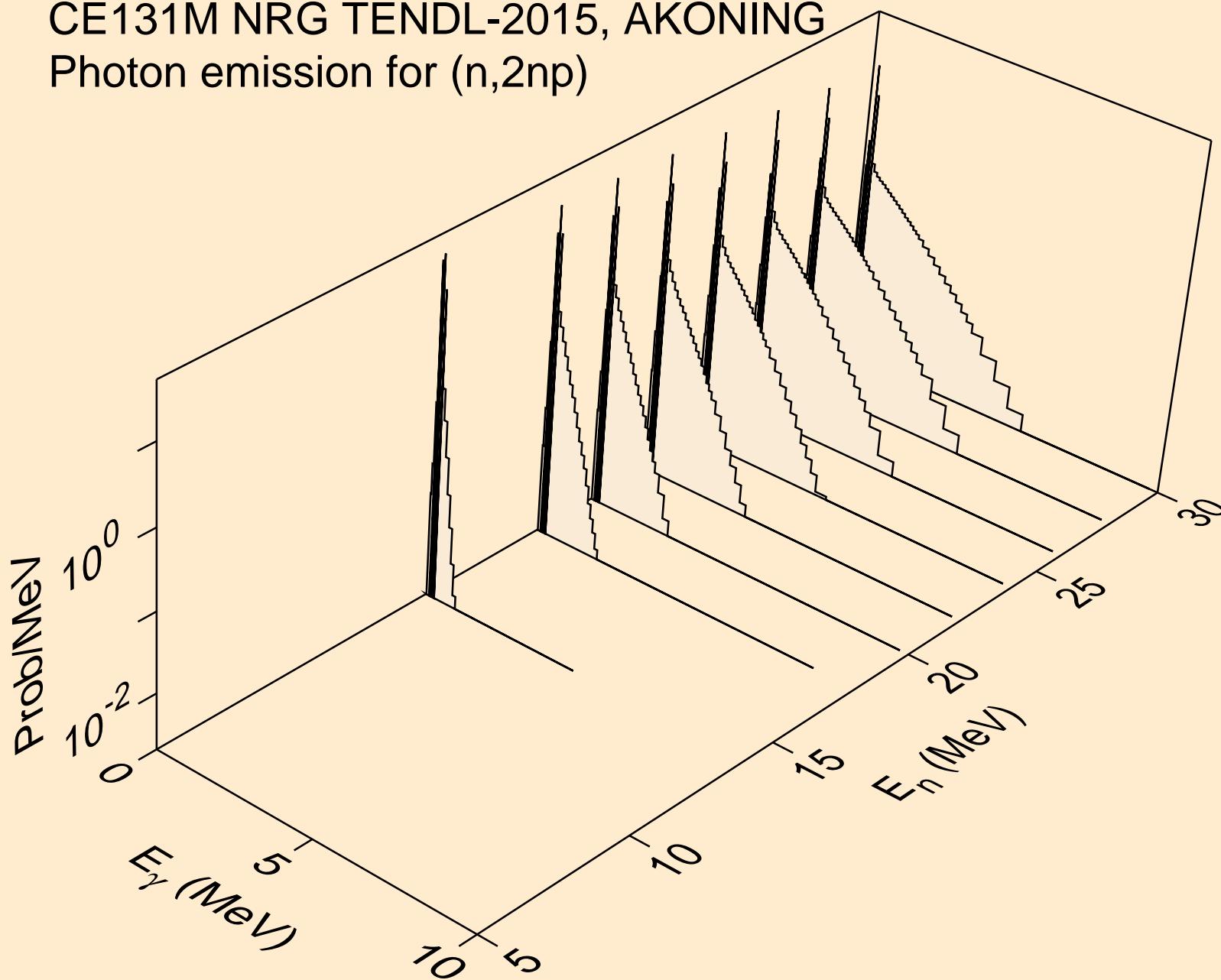
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



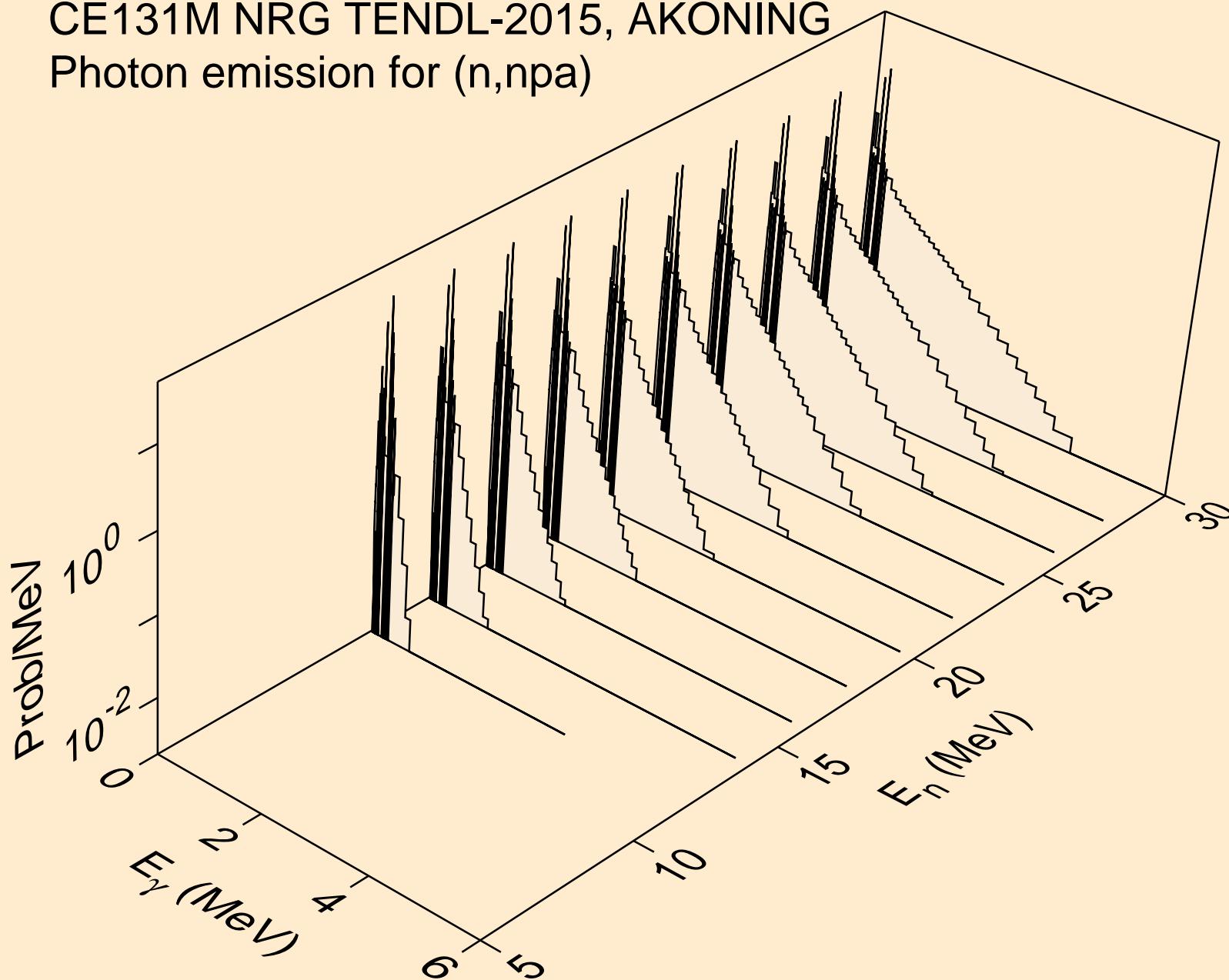
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



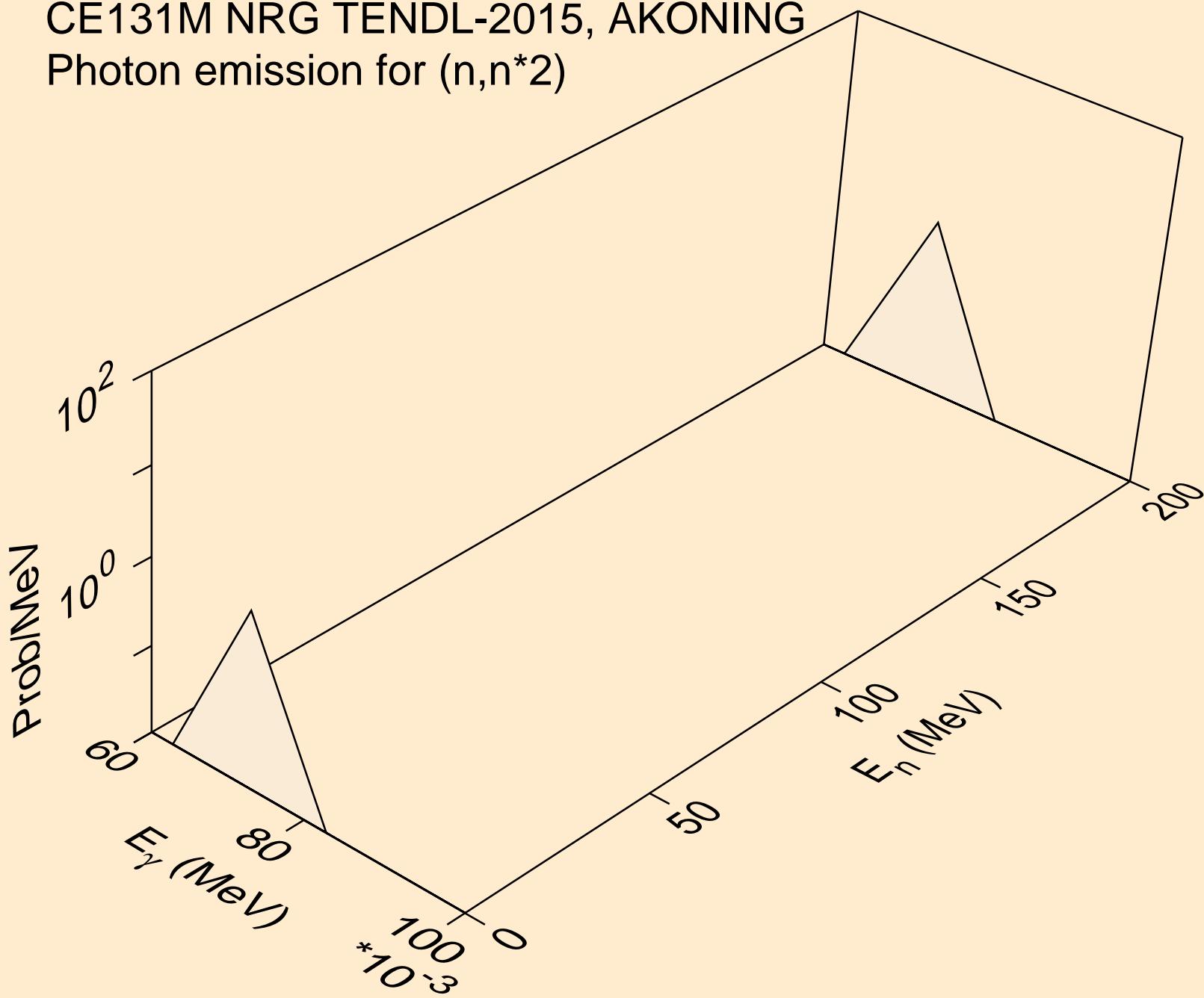
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



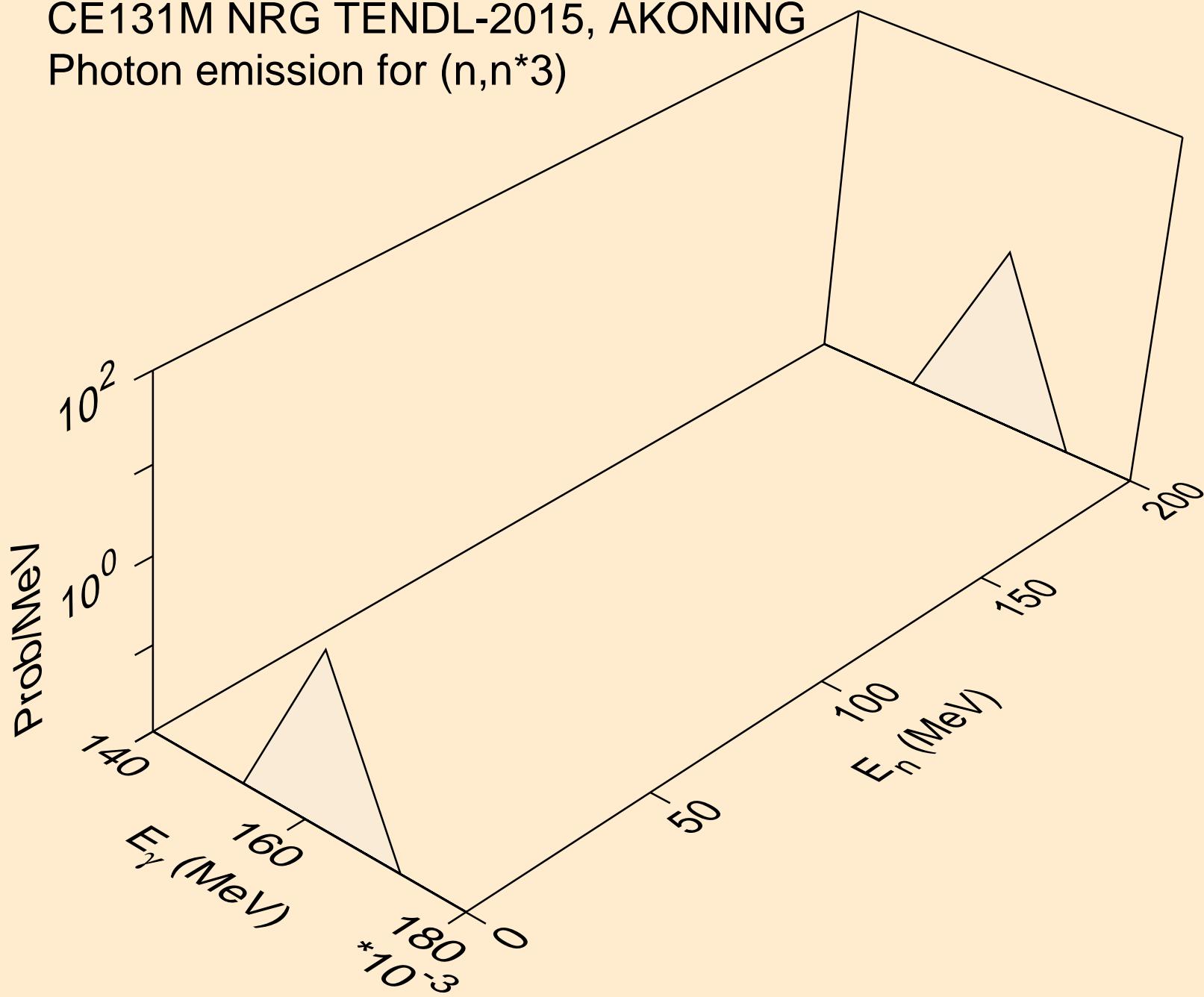
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



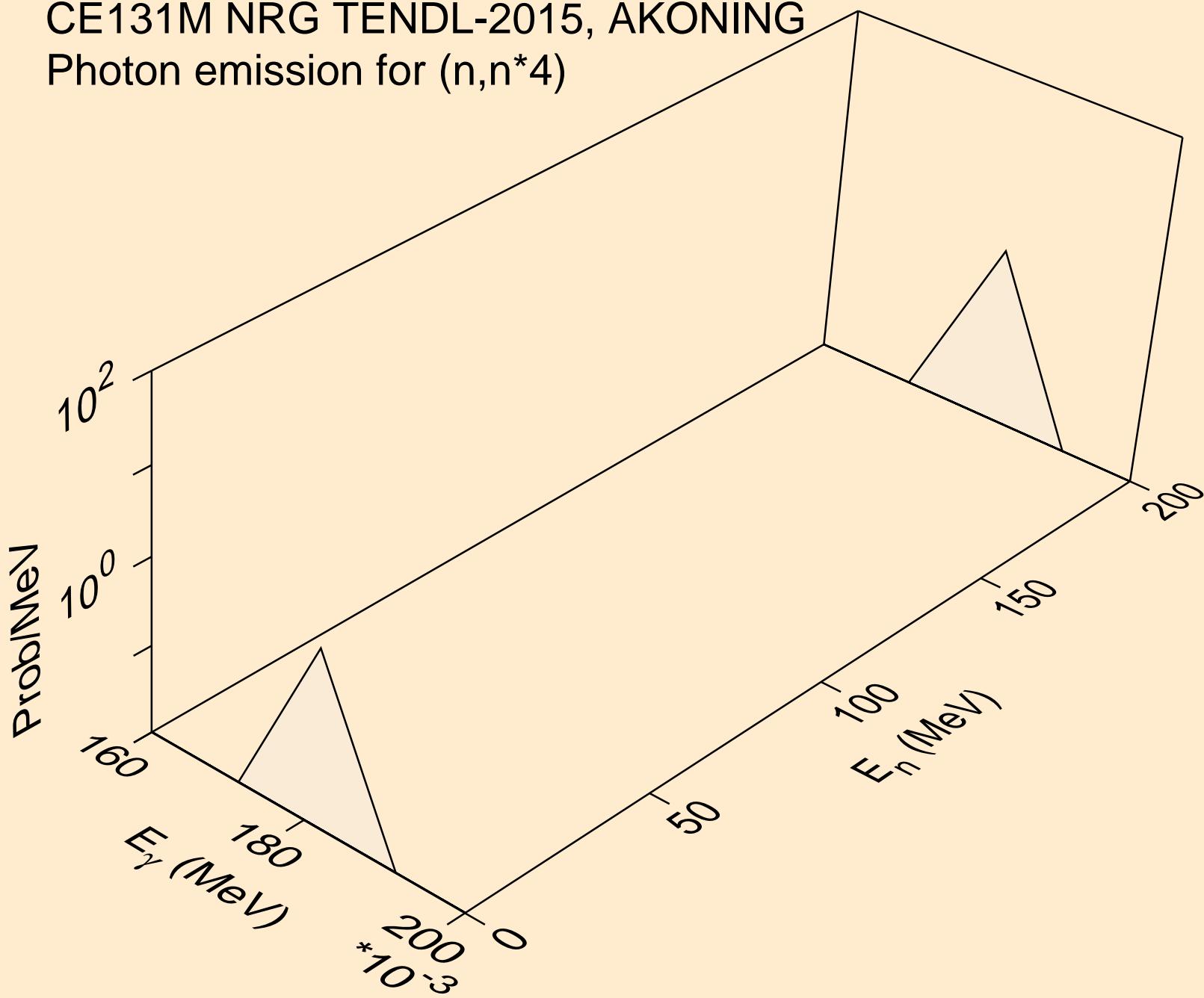
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



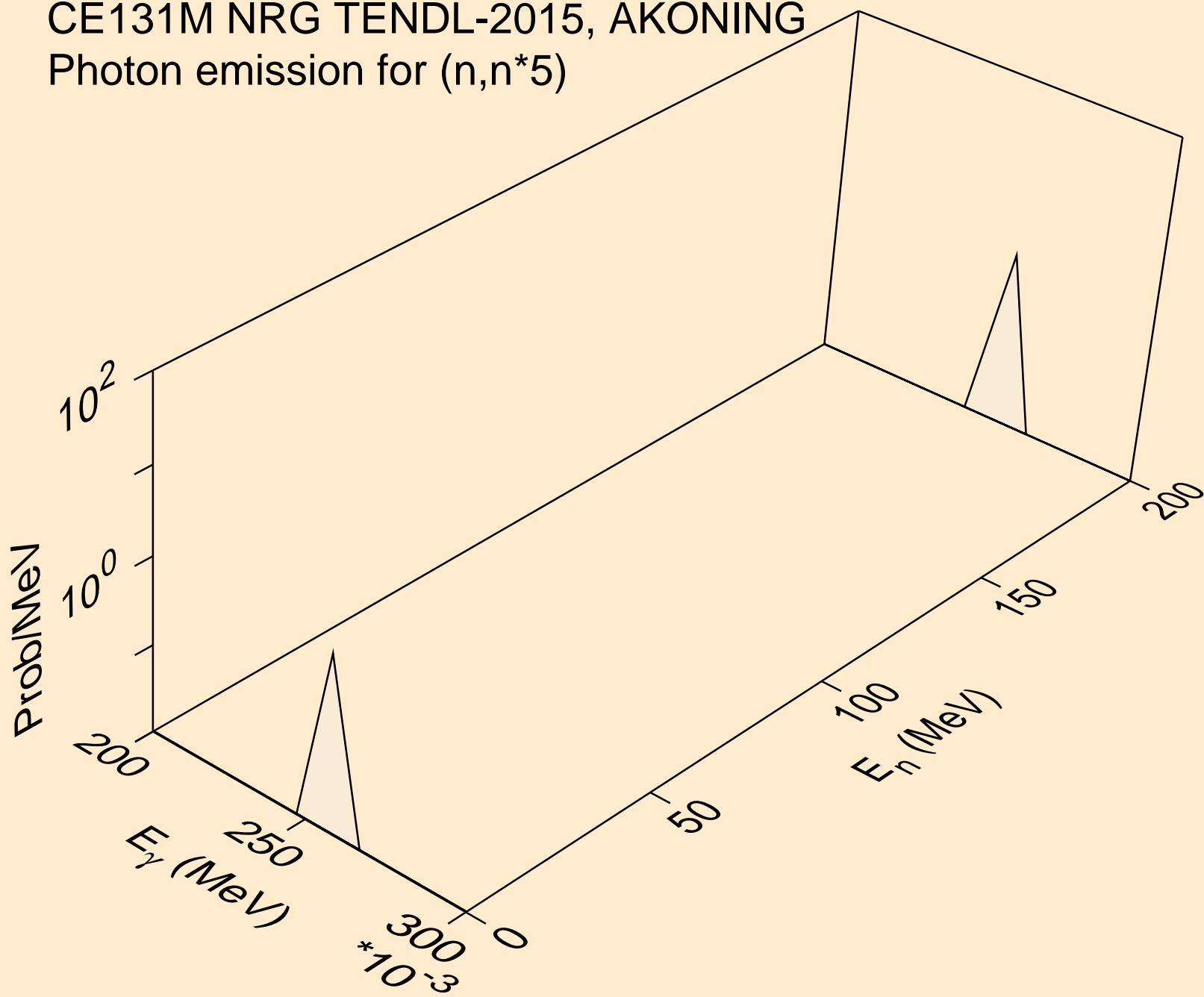
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)



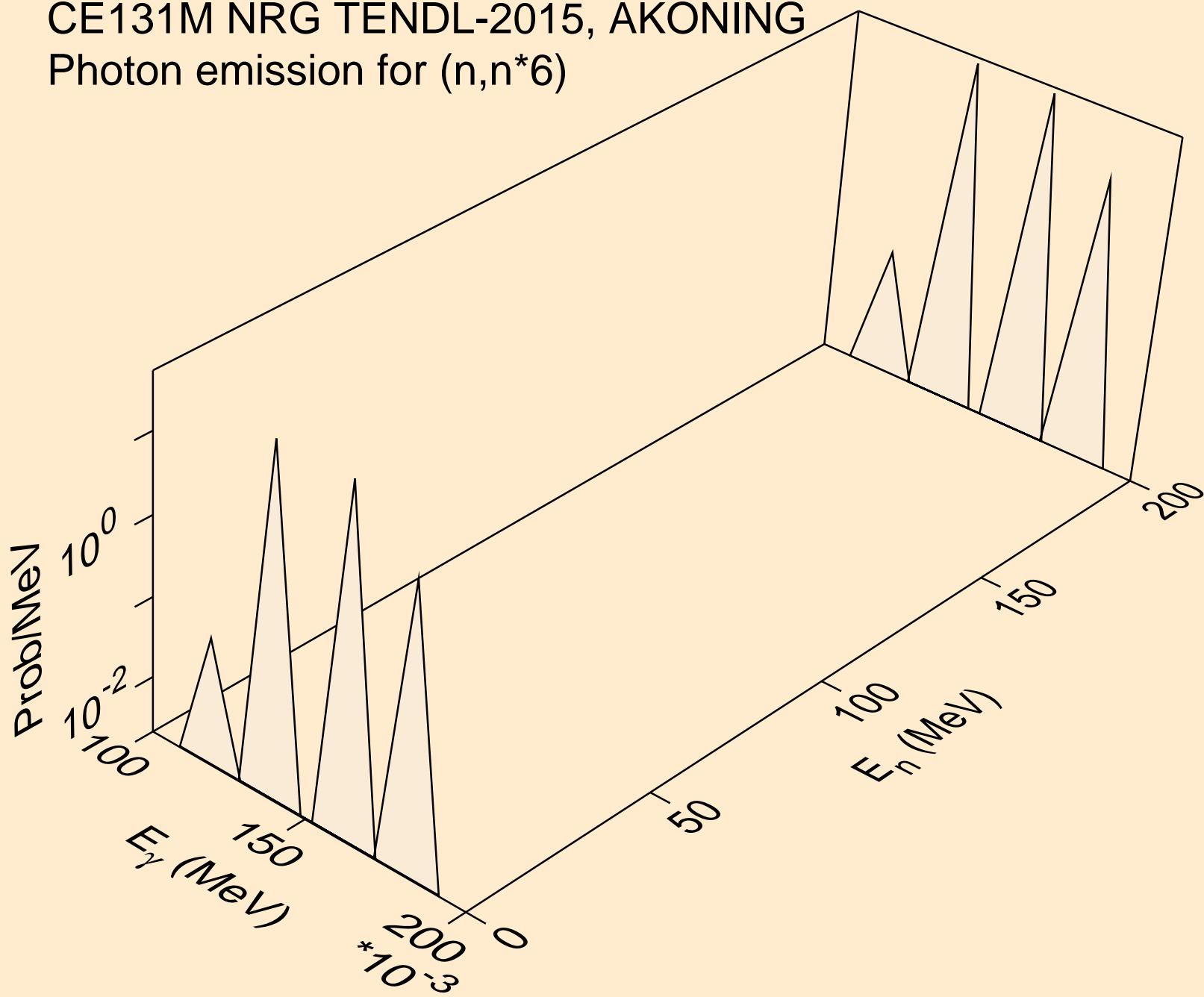
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)



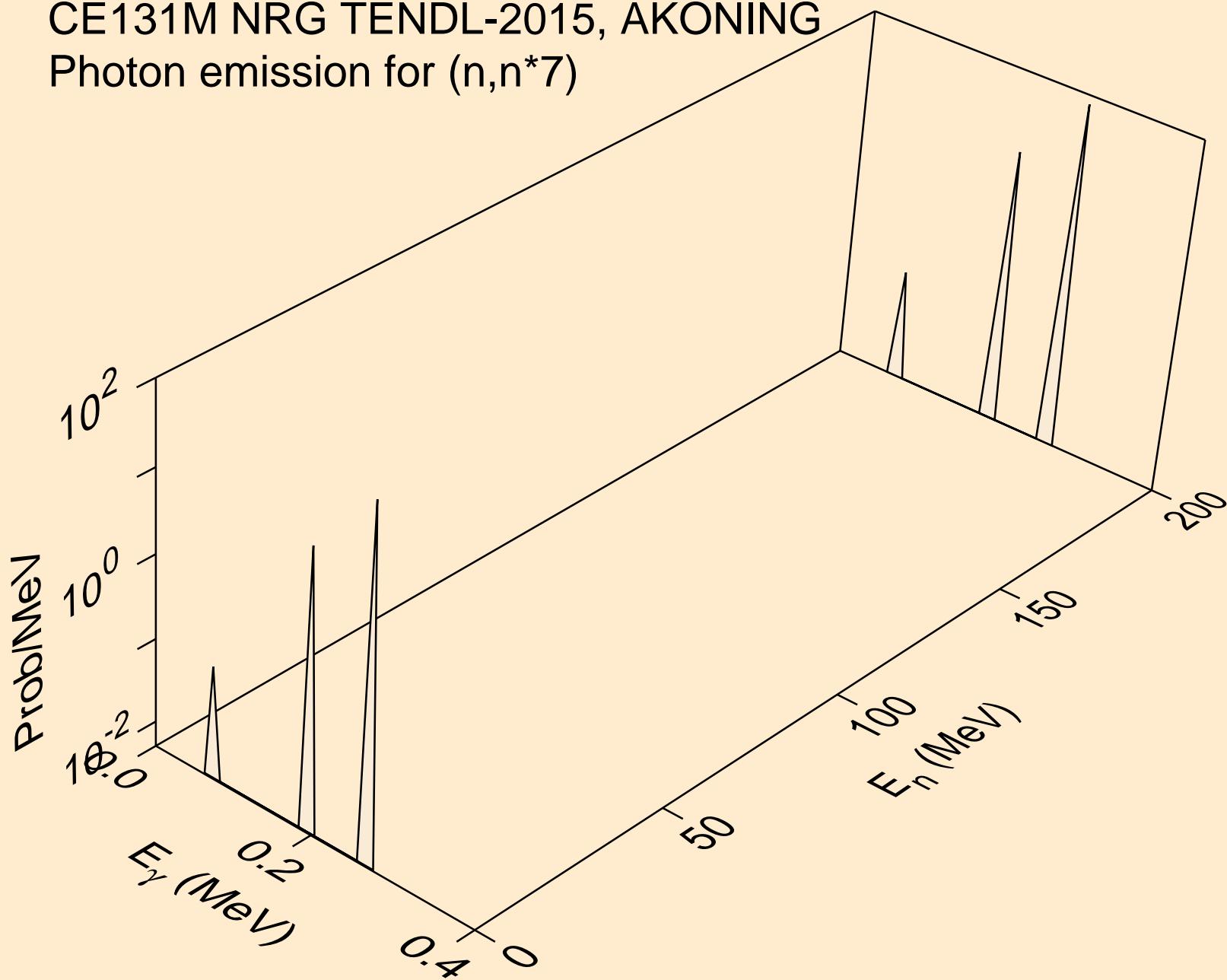
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



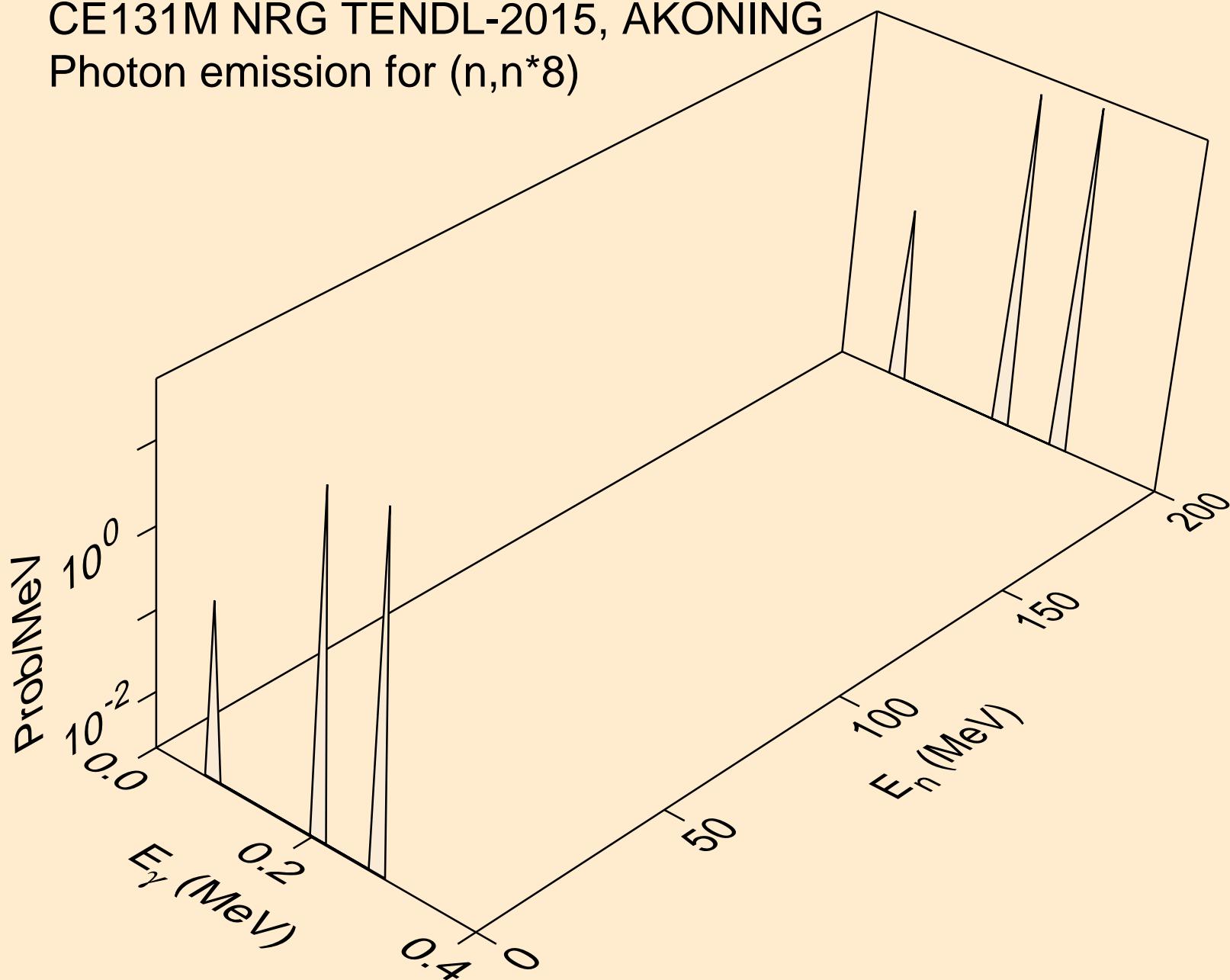
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)



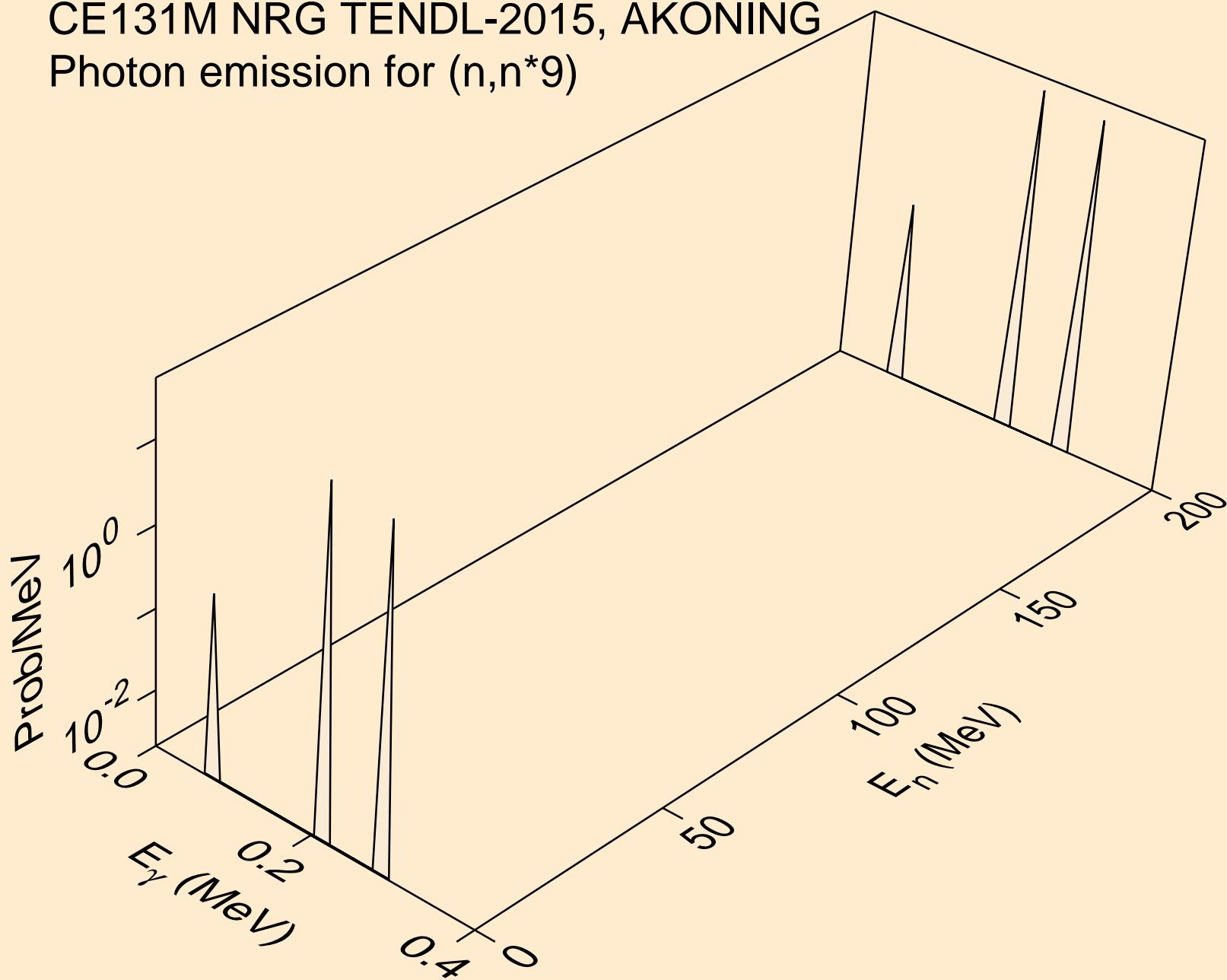
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



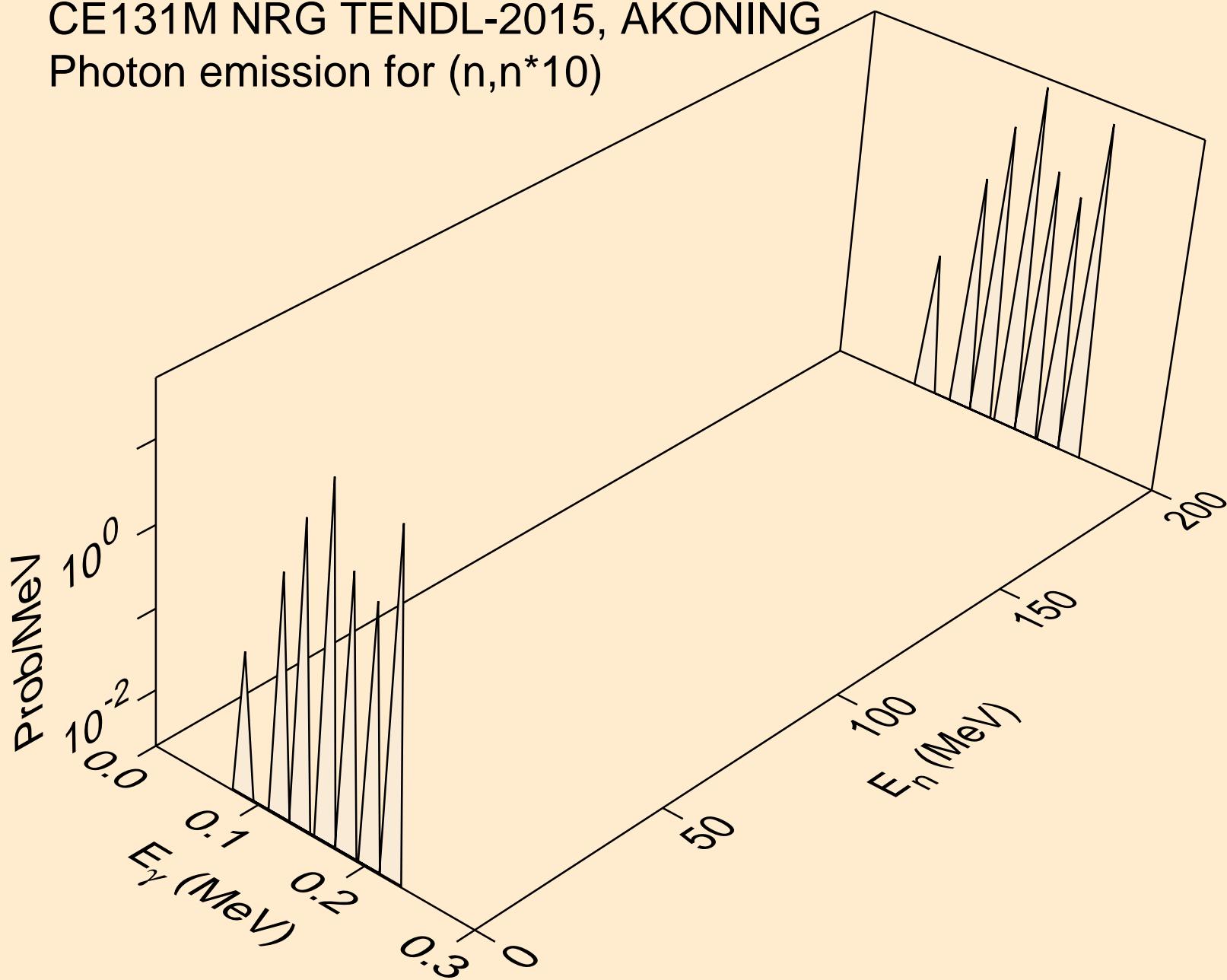
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)



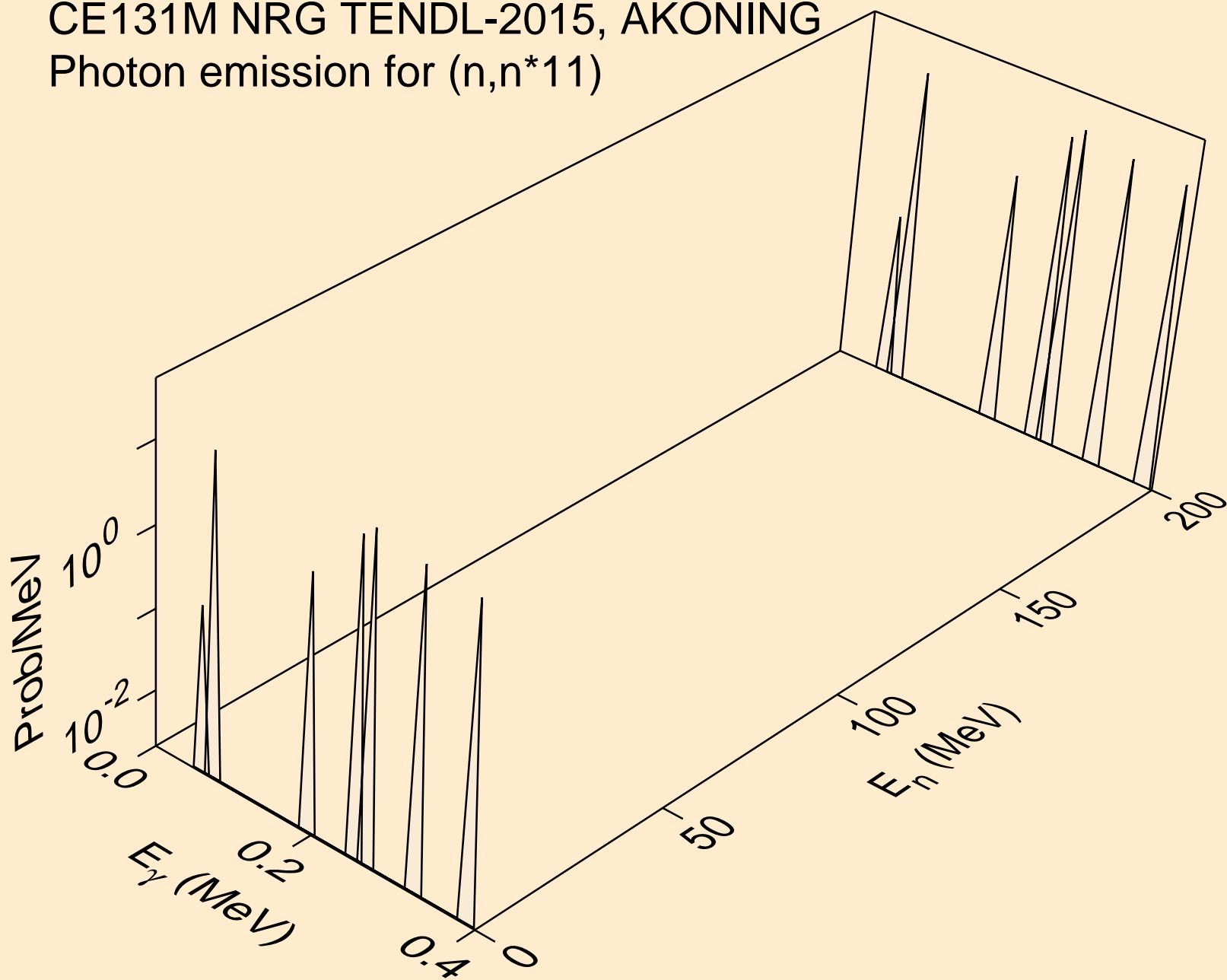
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)



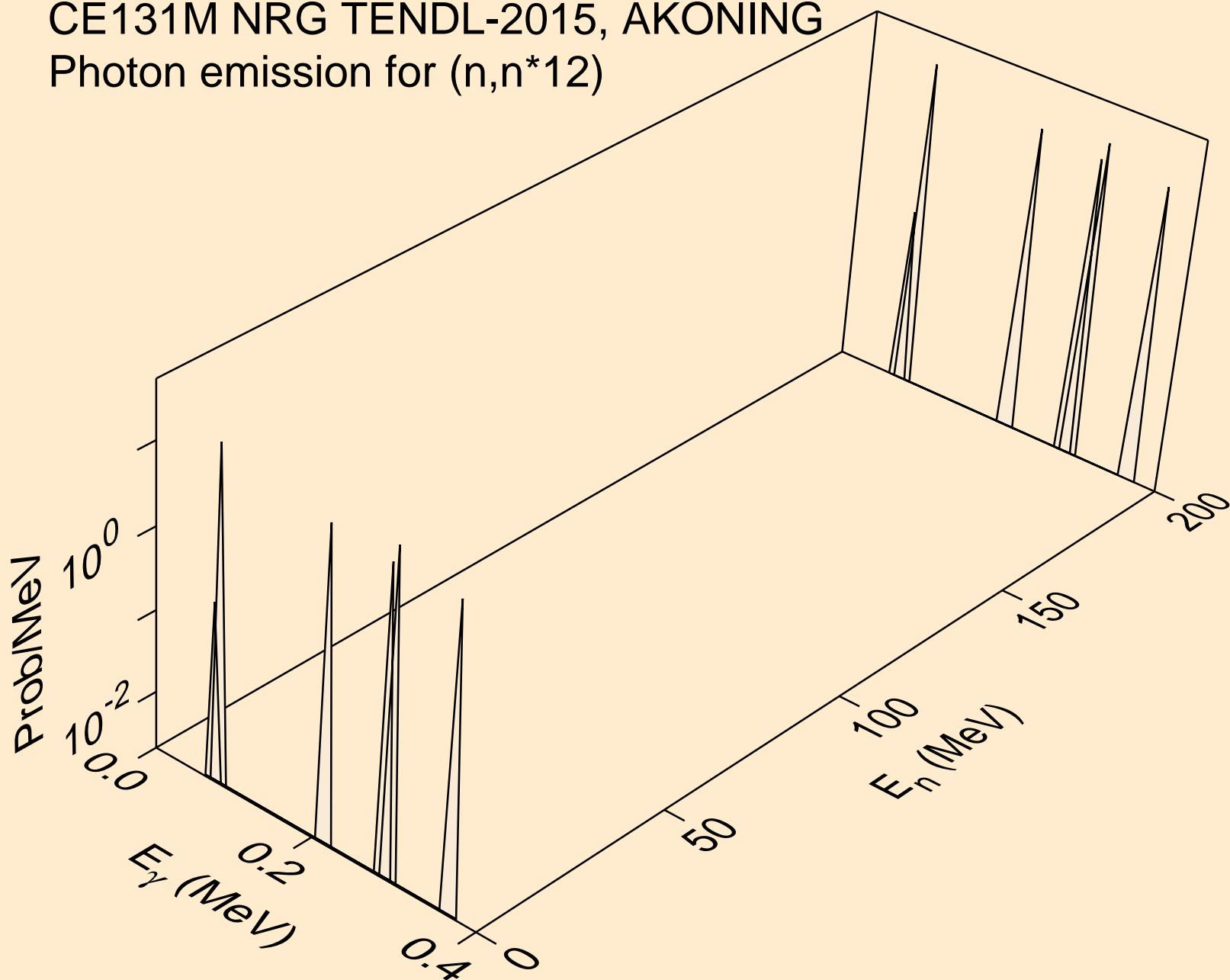
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)



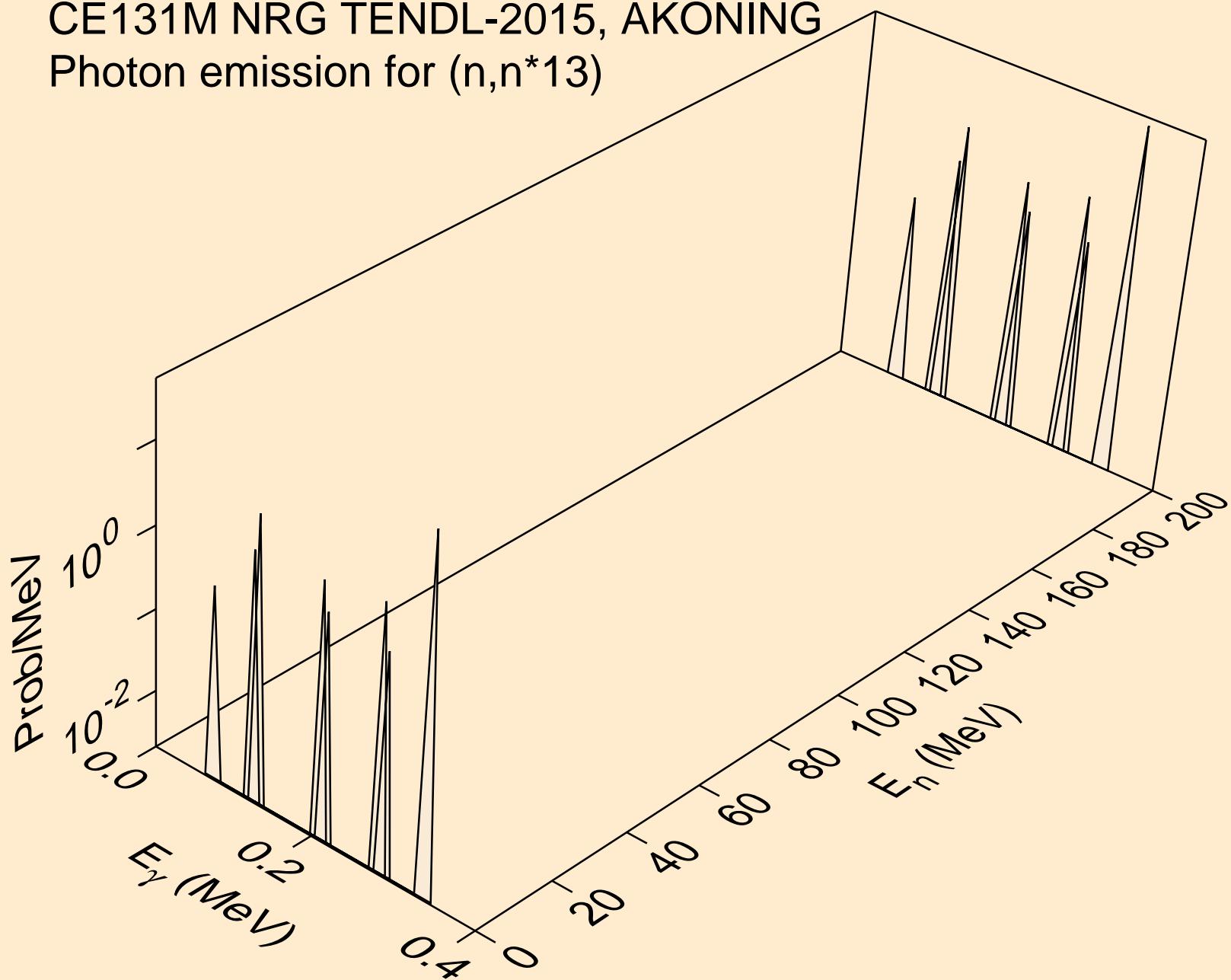
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)



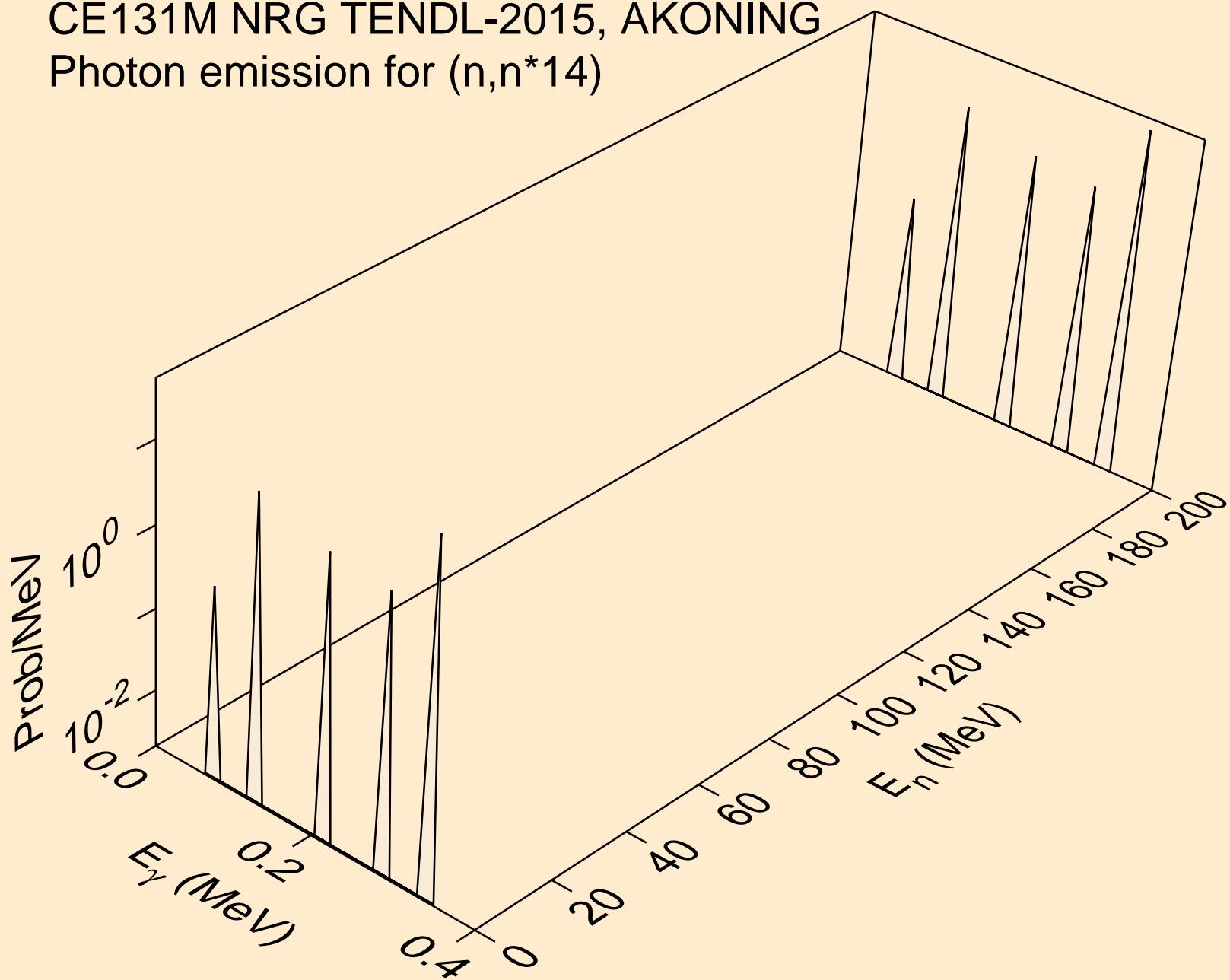
CE131M NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^* 12$ )



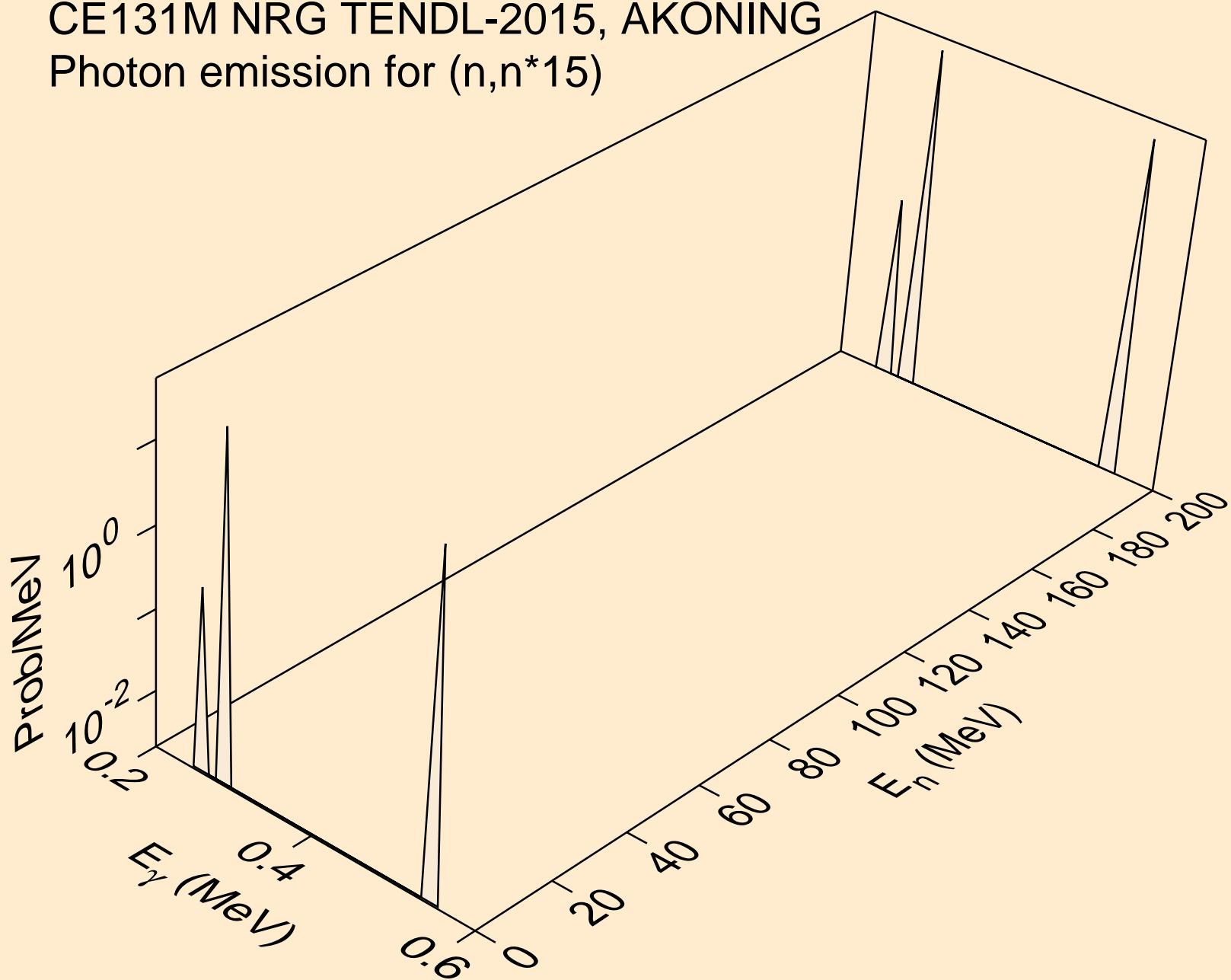
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)



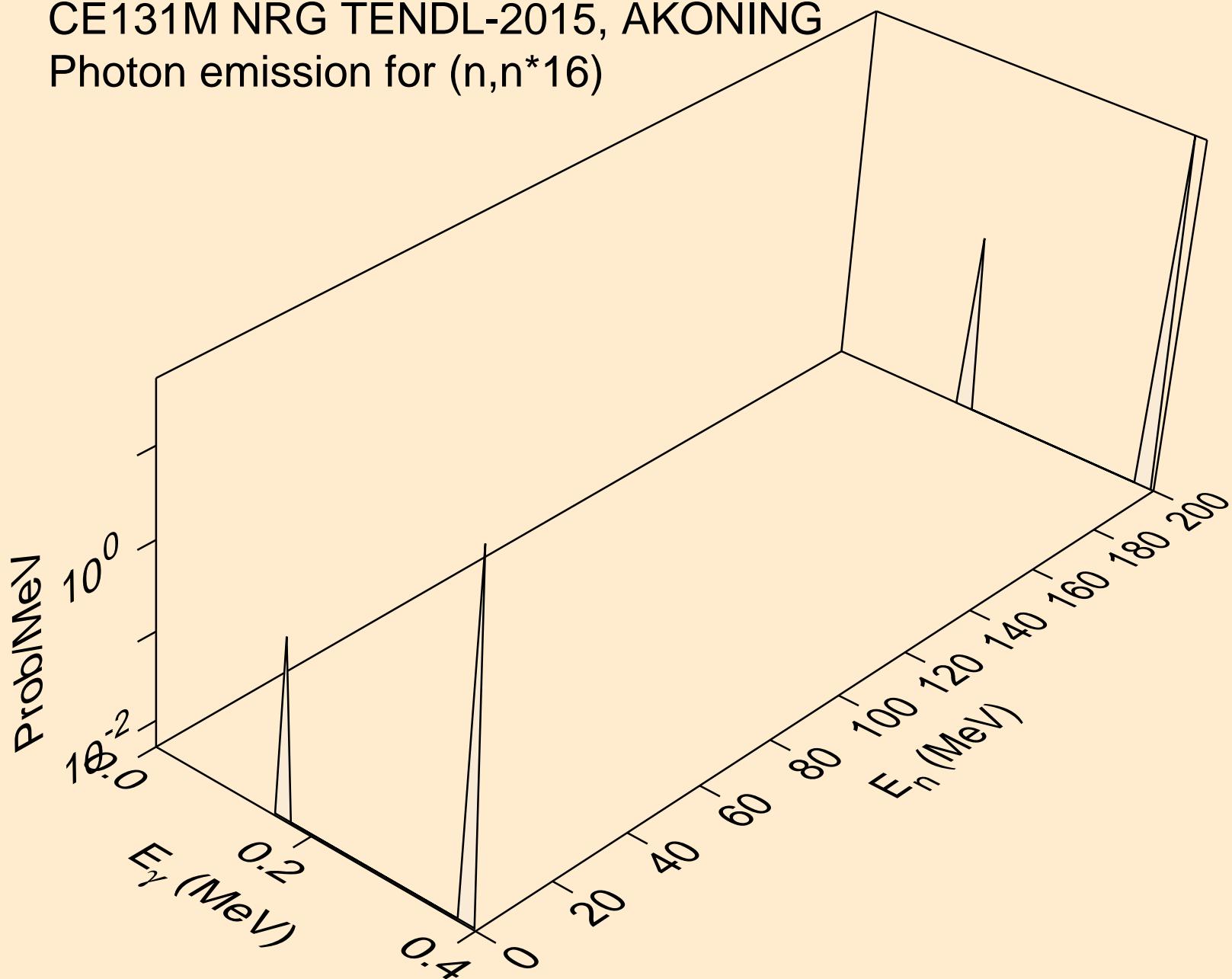
CE131M NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^* 14$ )



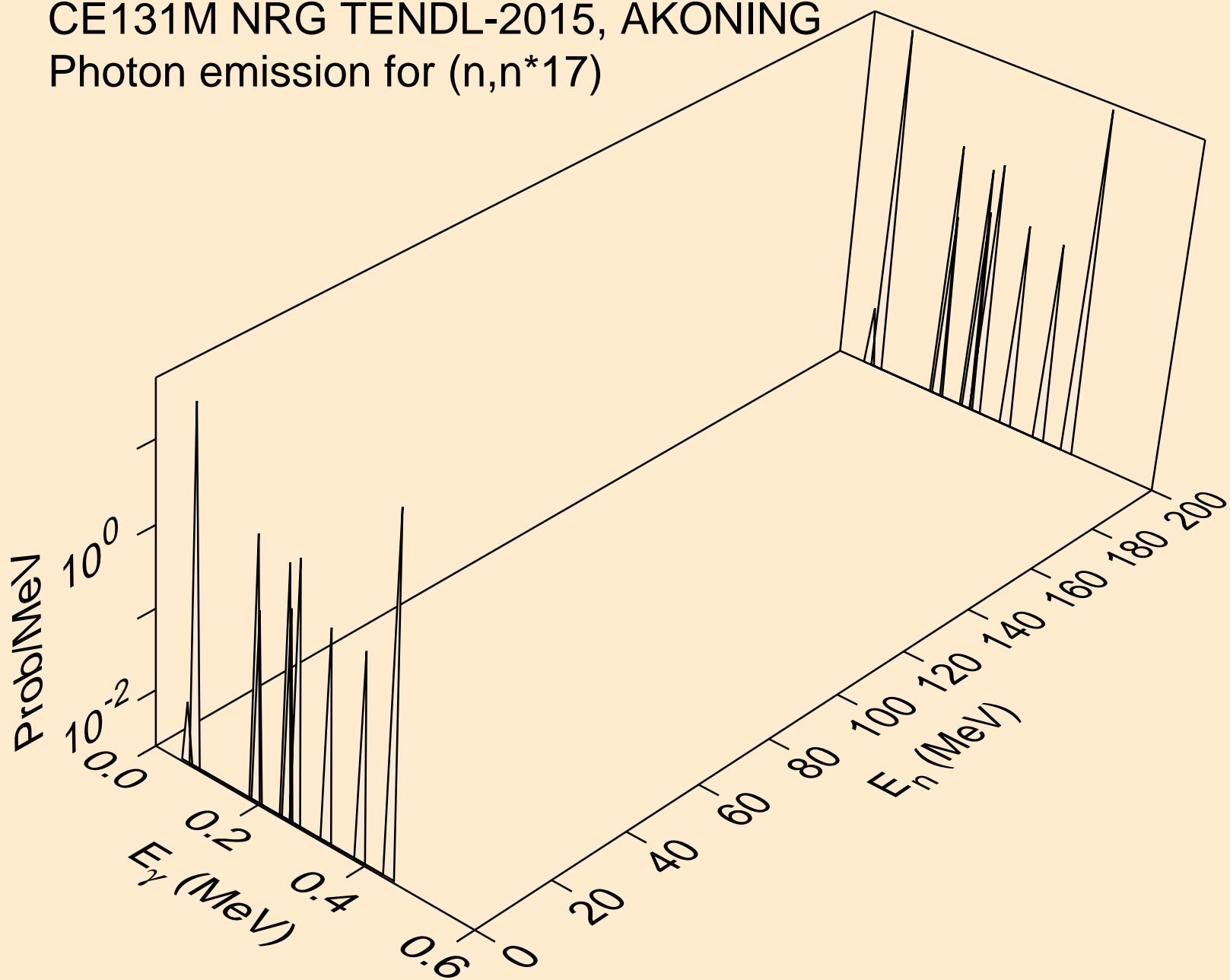
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)



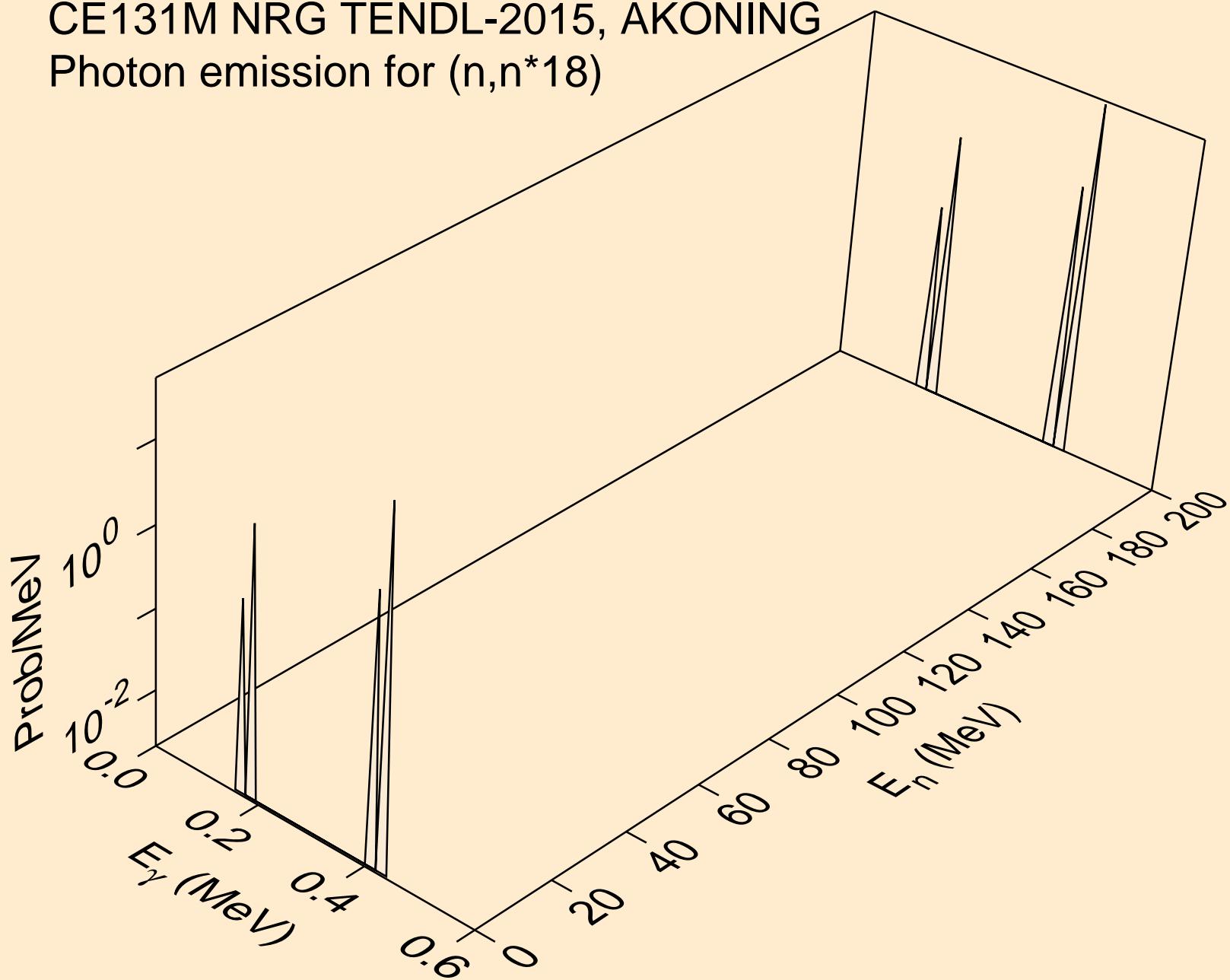
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*16)



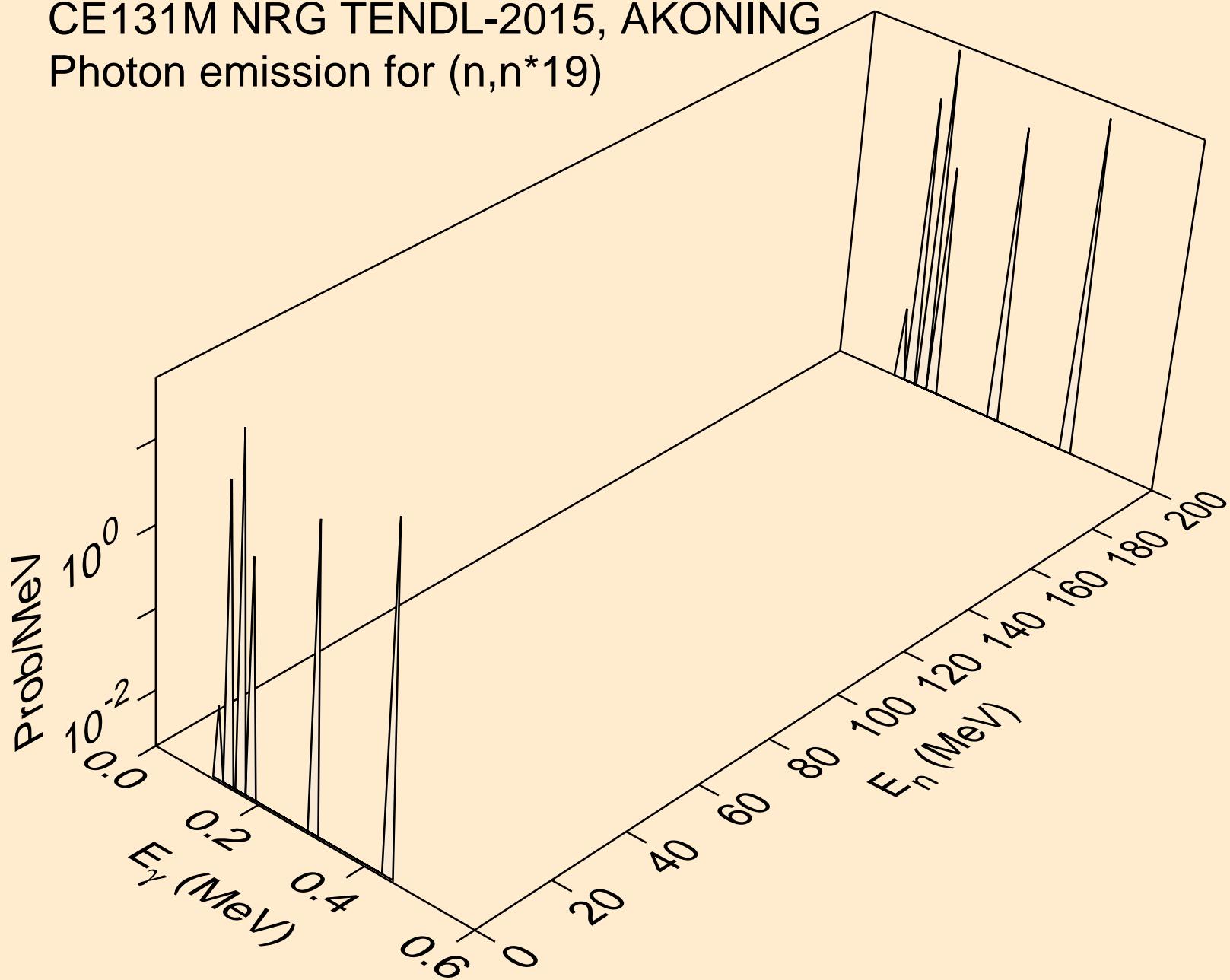
CE131M NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^* 17$ )



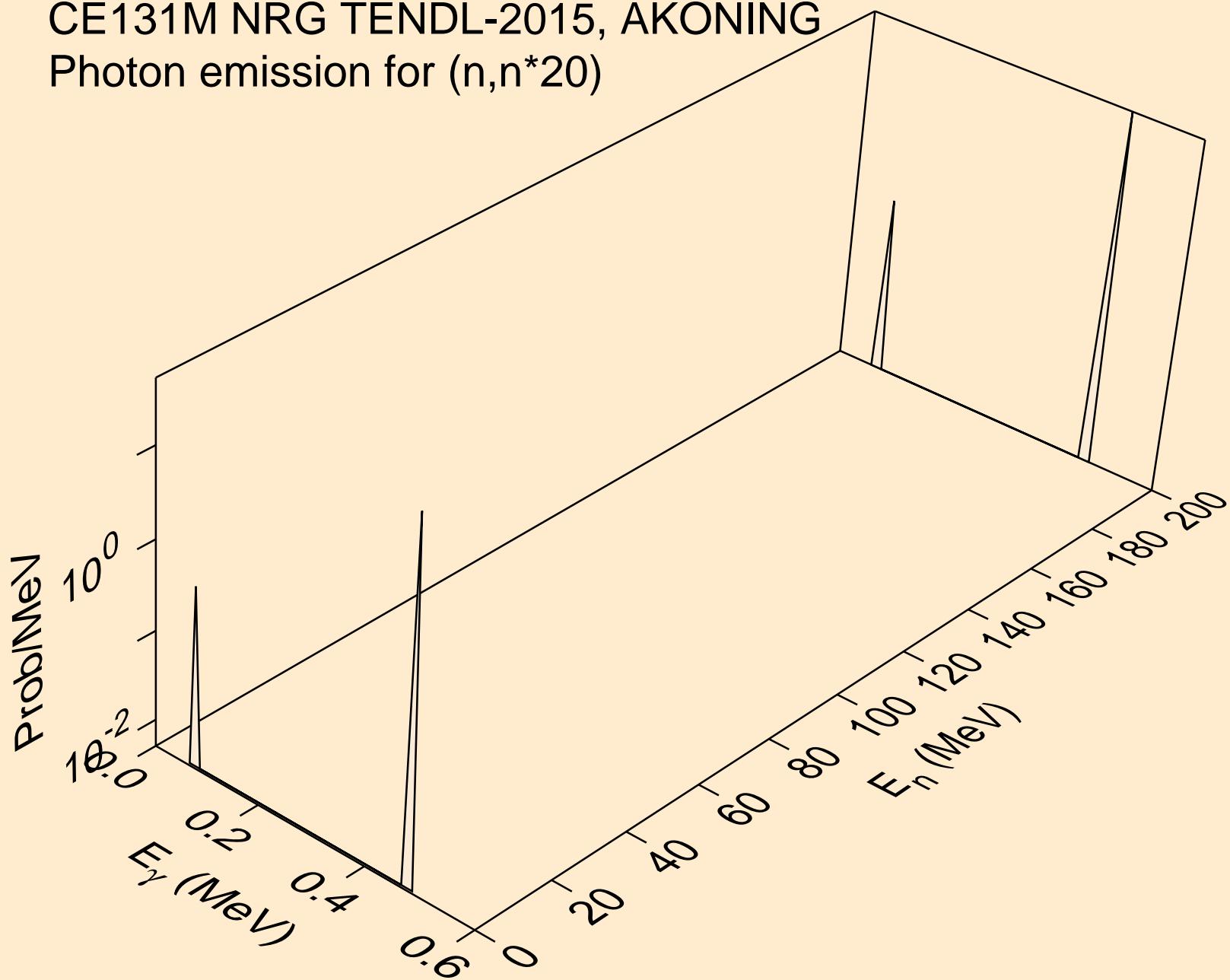
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)



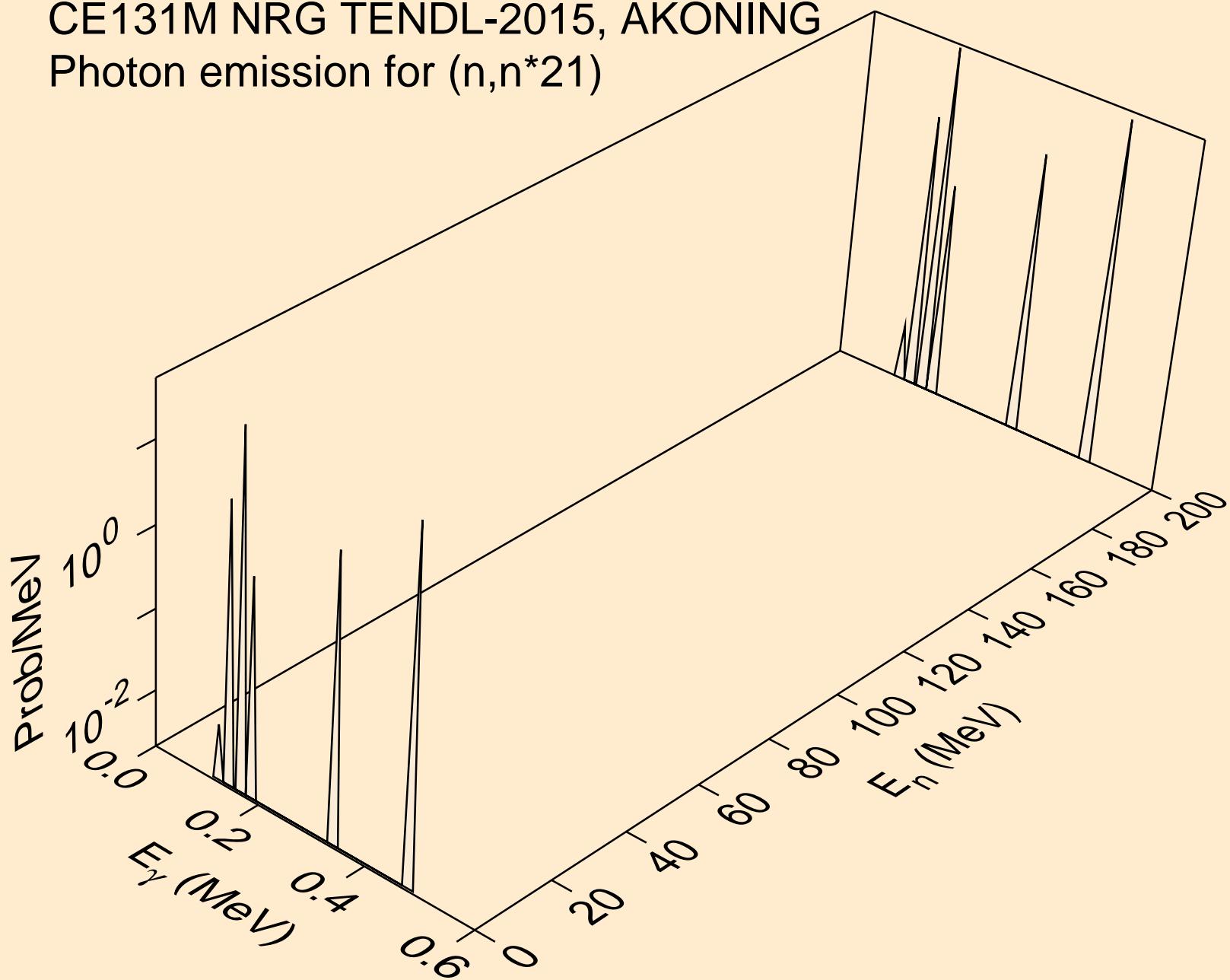
CE131M NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^* 19$ )



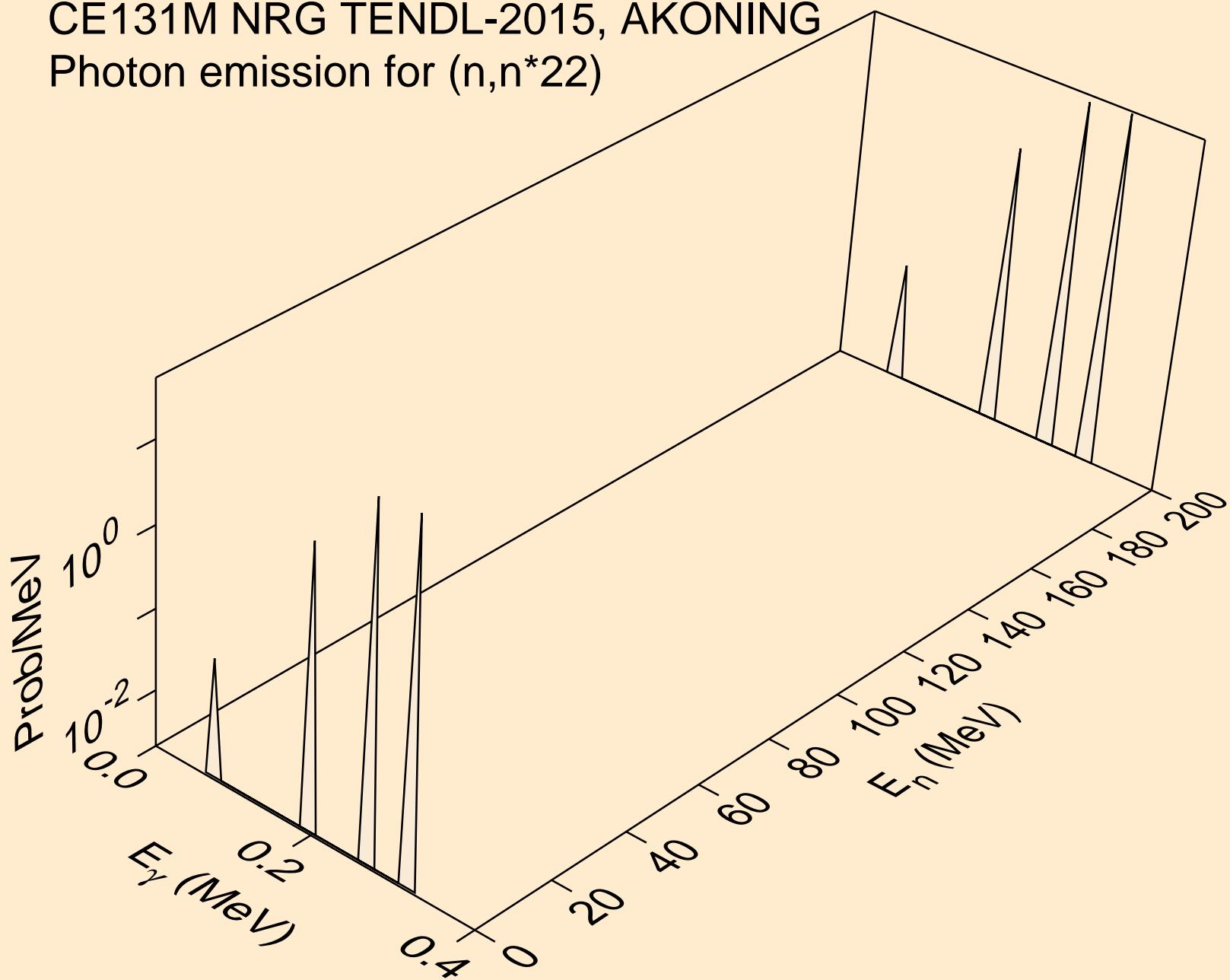
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*20)



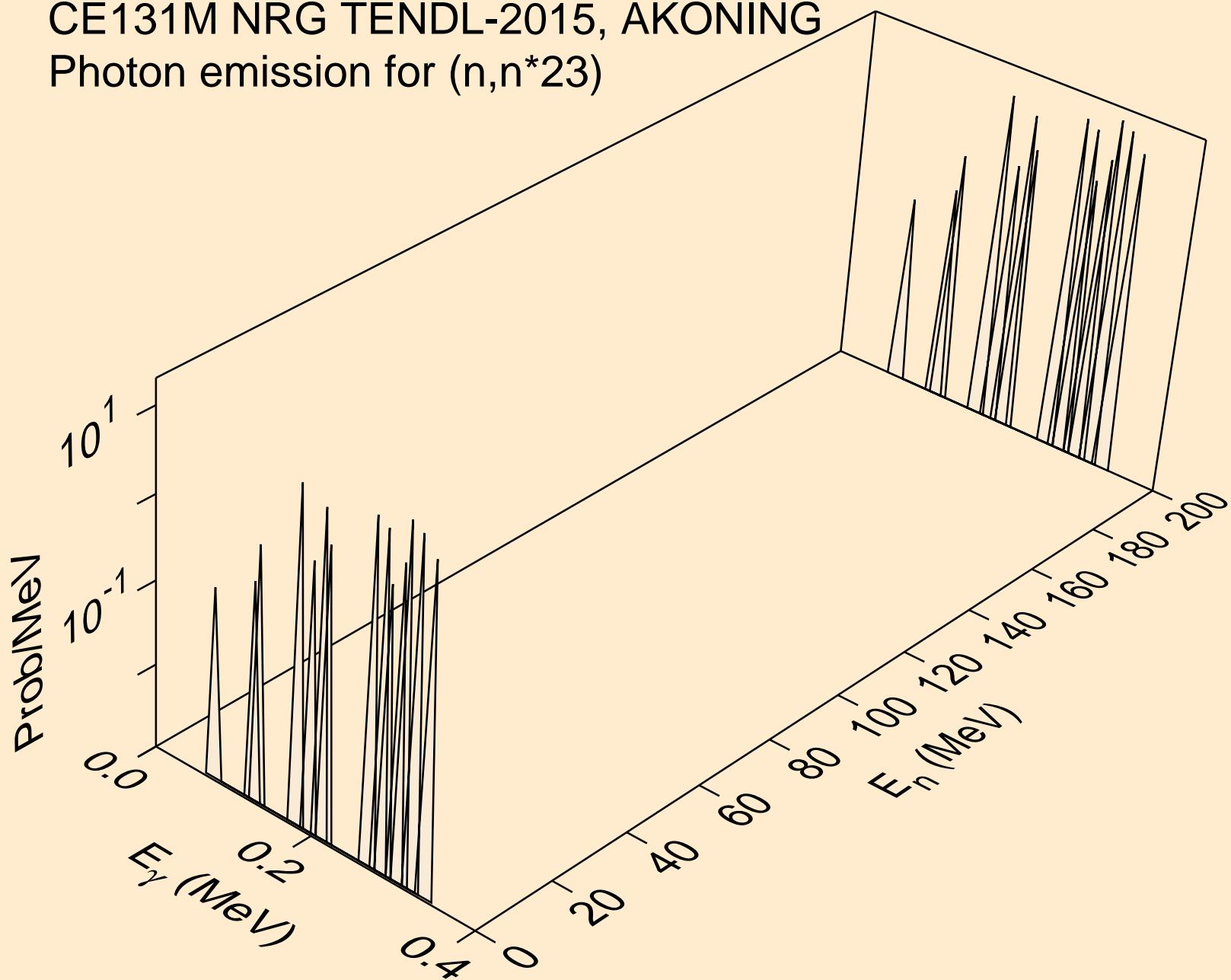
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)



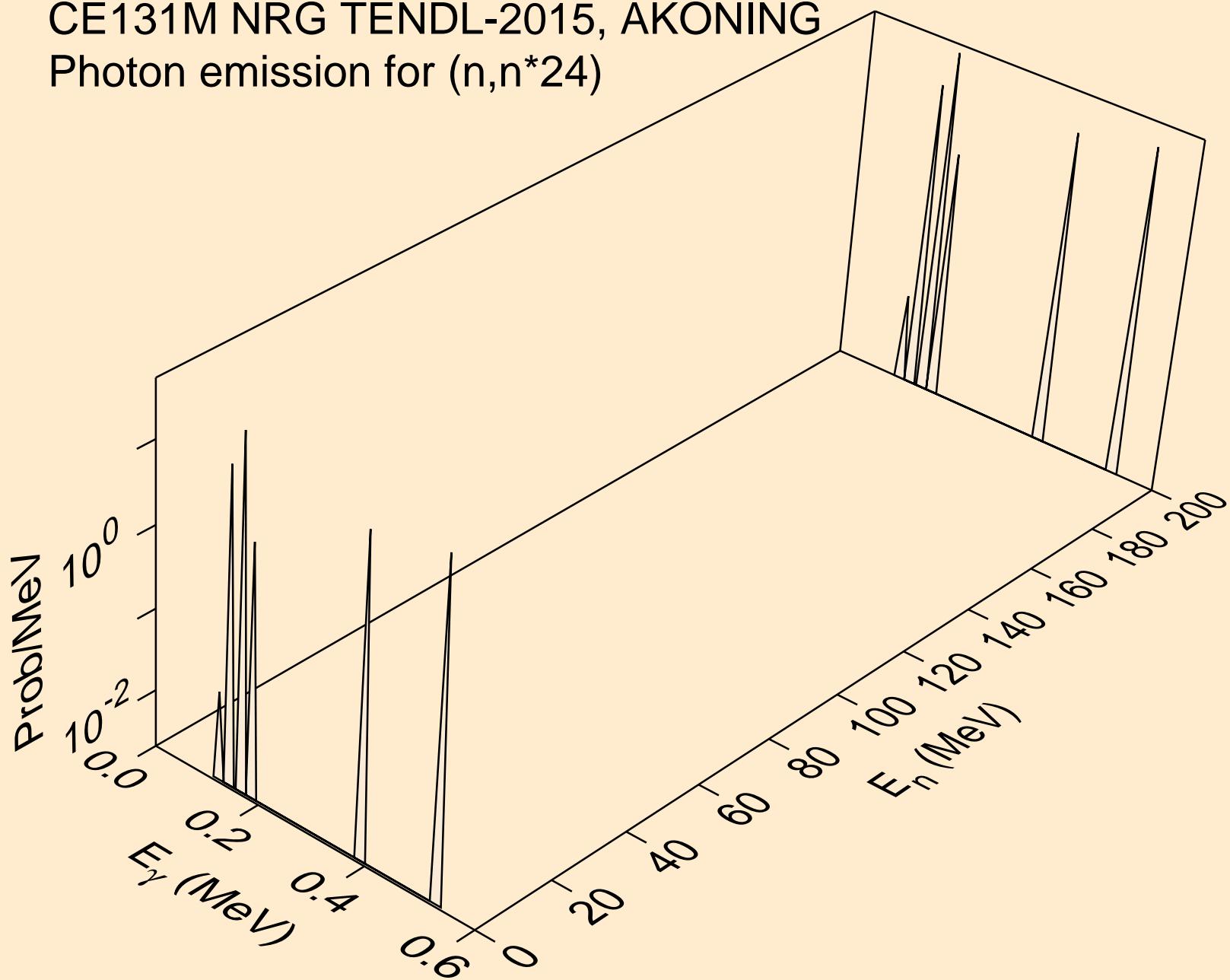
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*22)



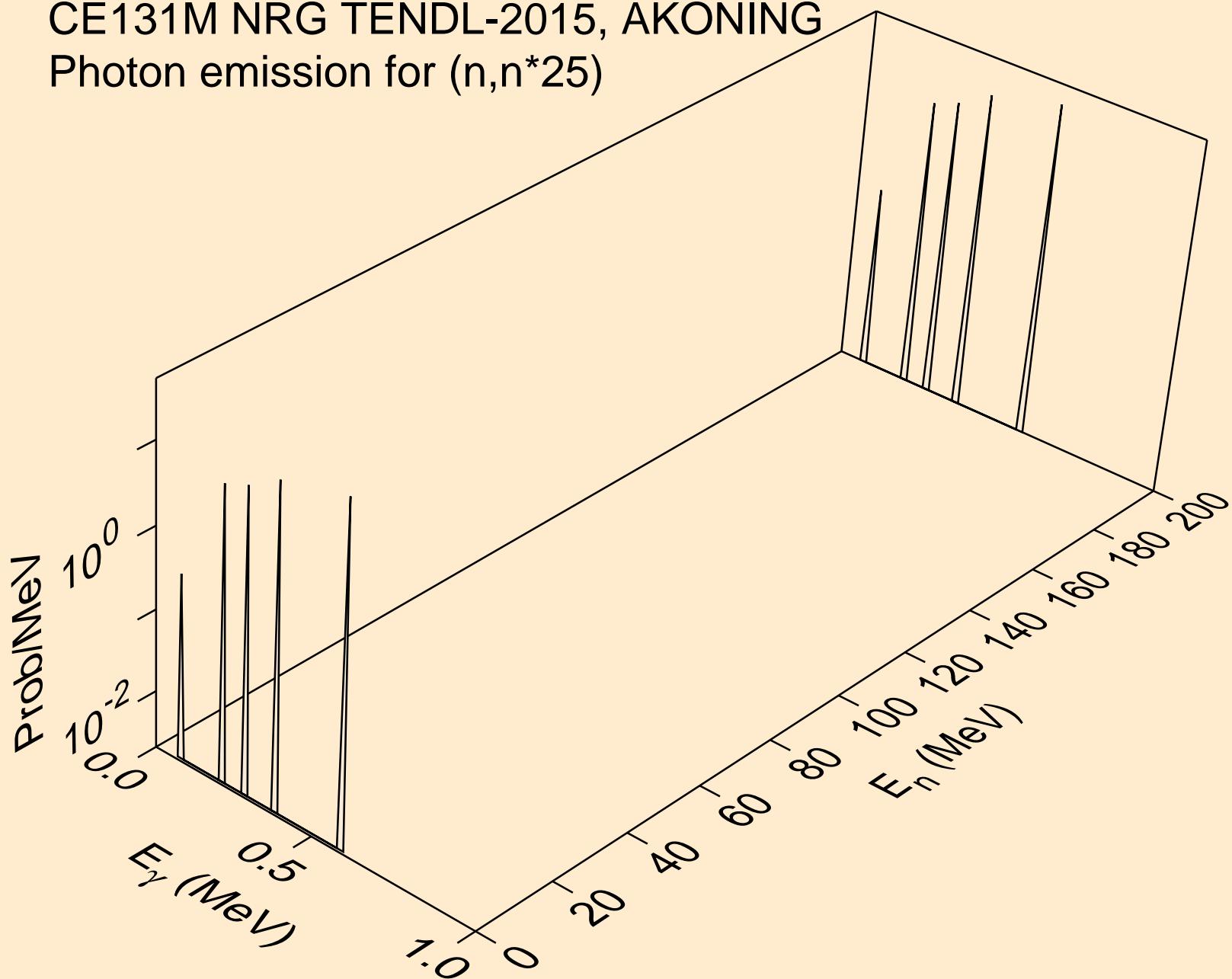
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*23)



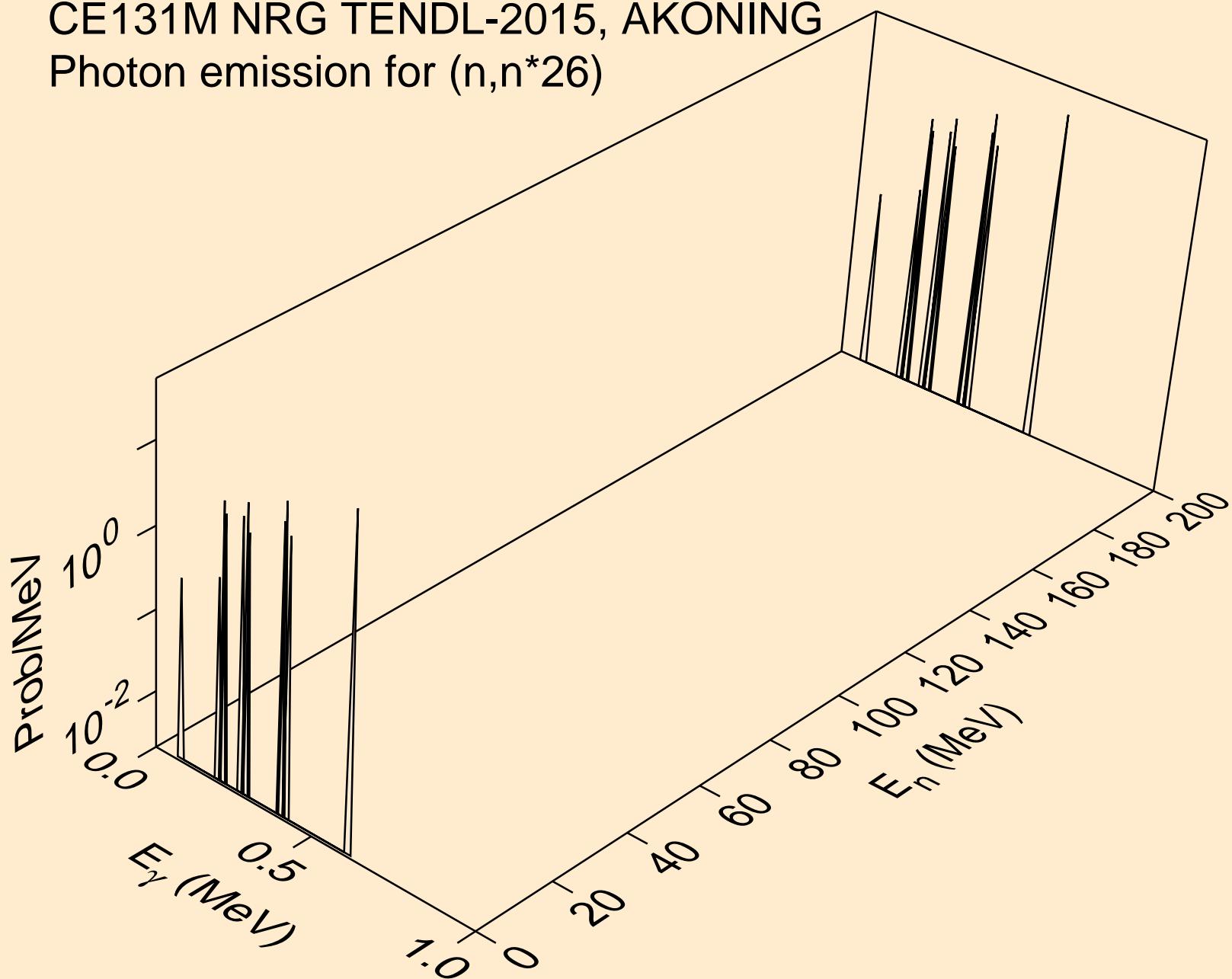
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*24)



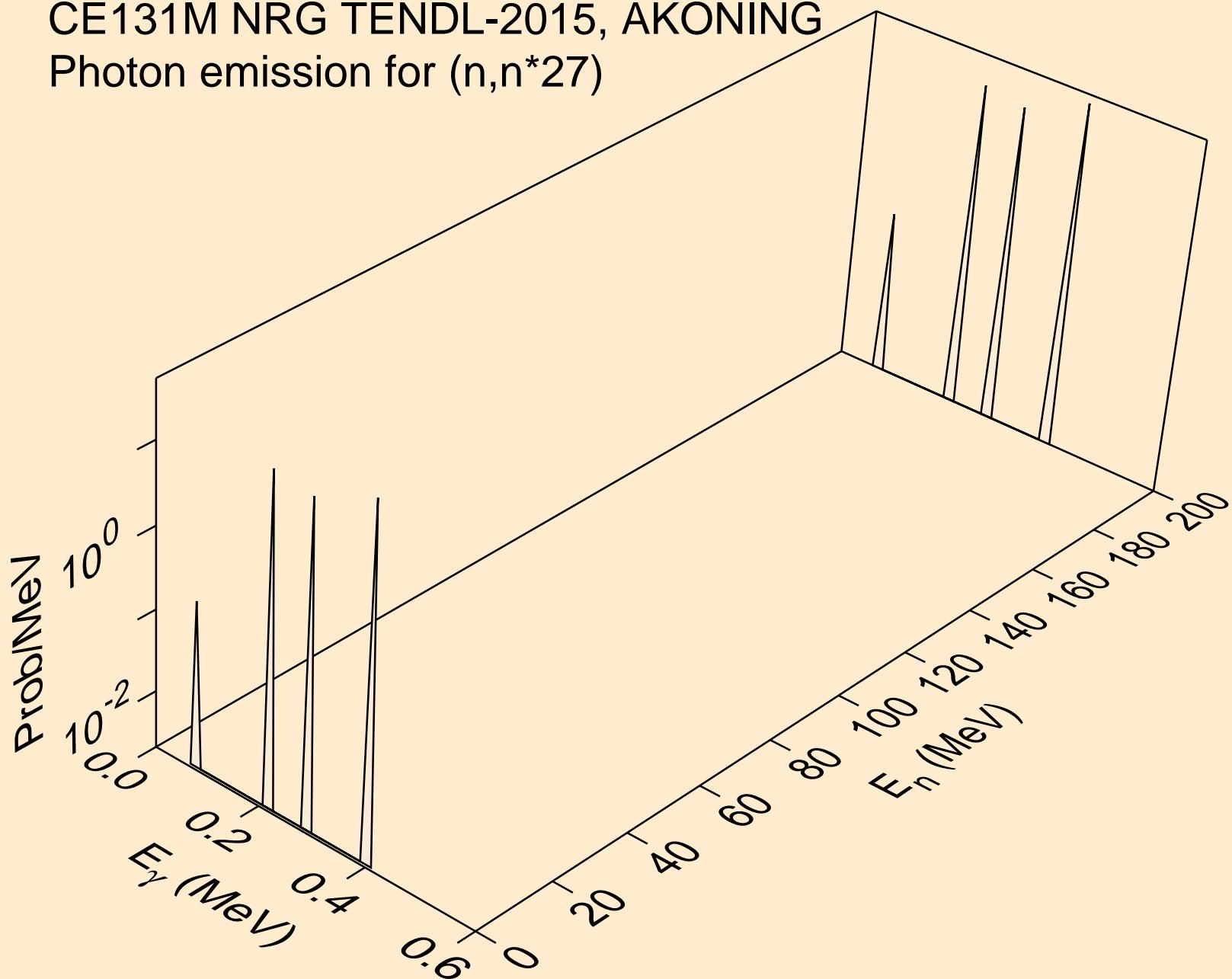
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)



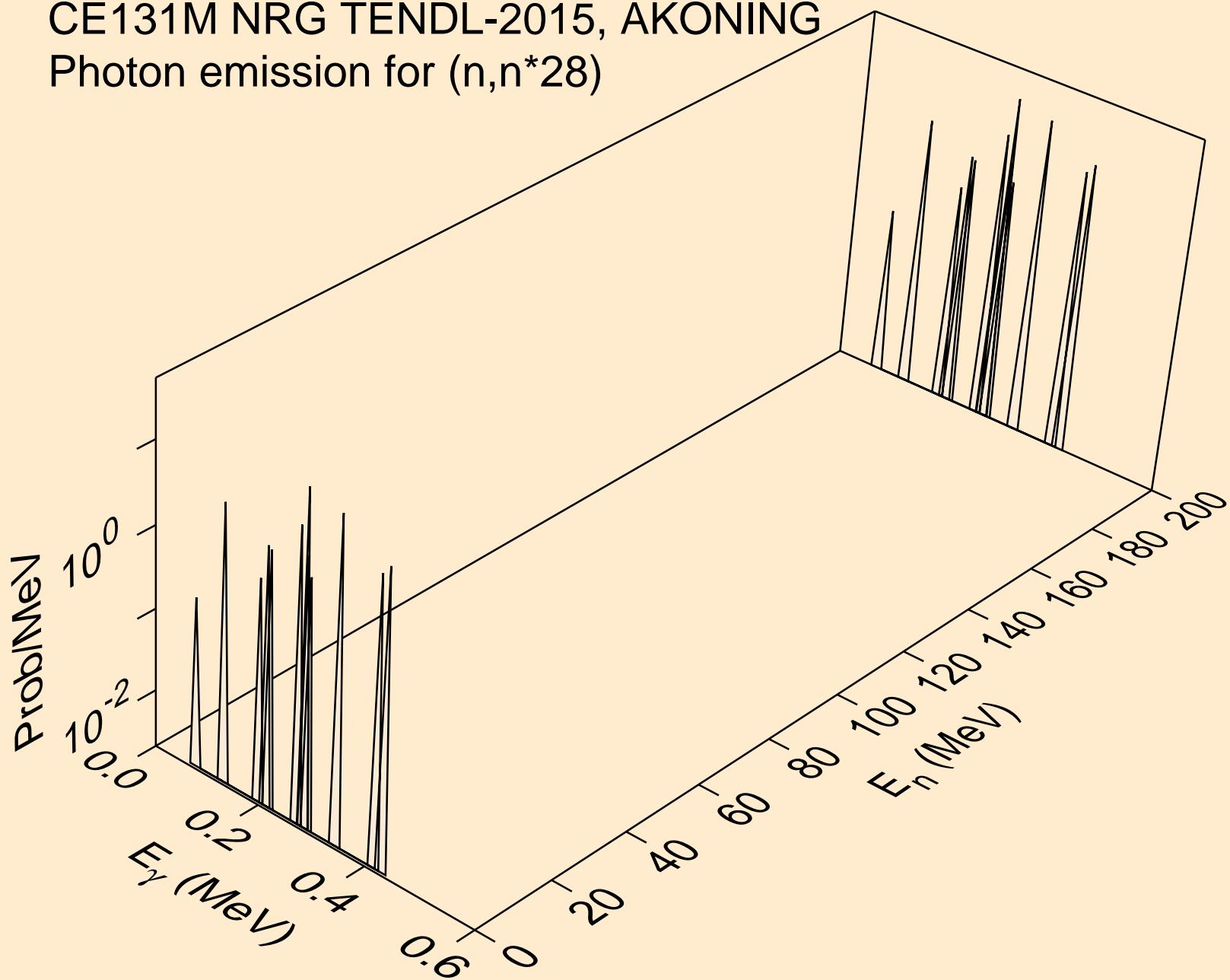
CE131M NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^* 26$ )



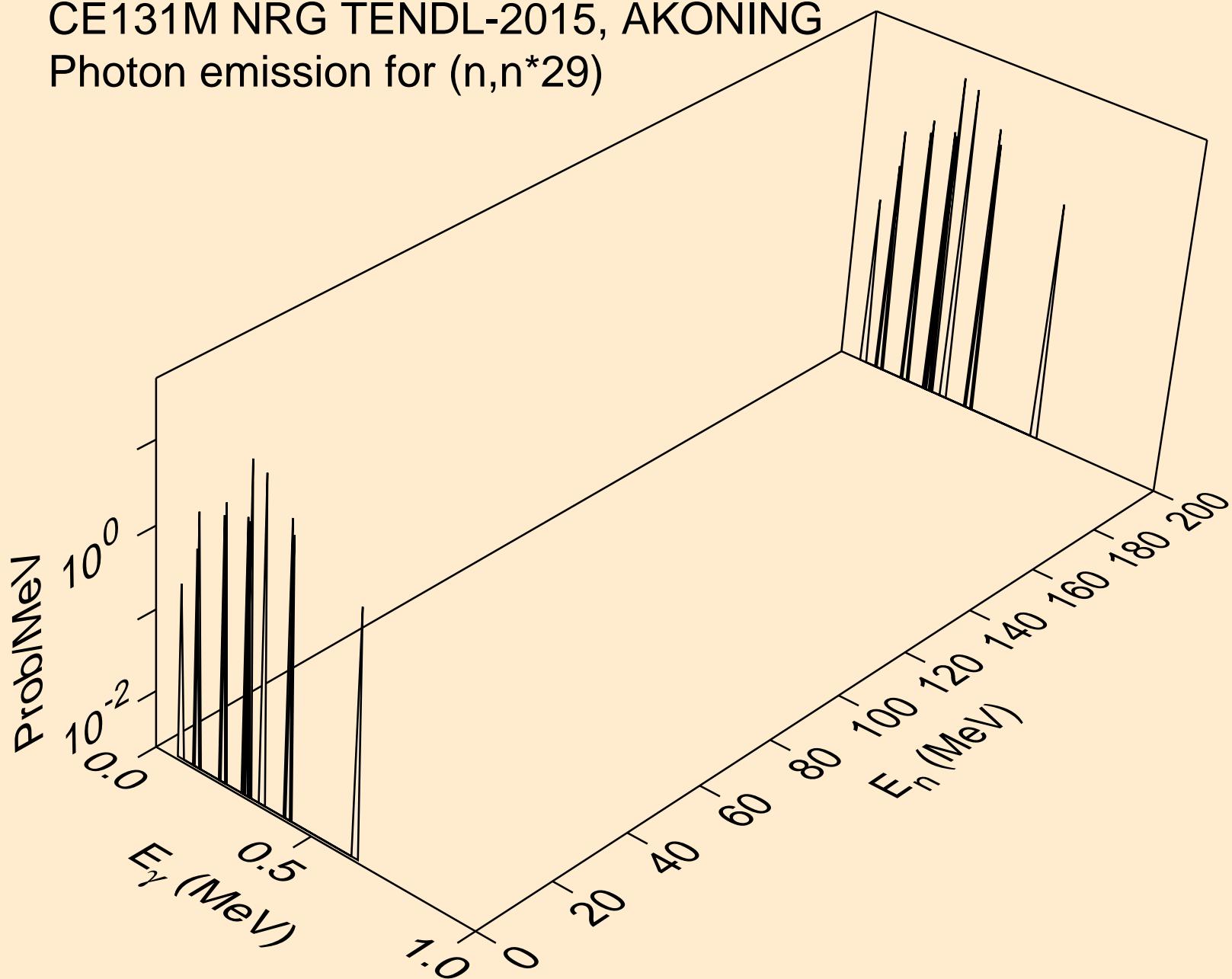
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*27)



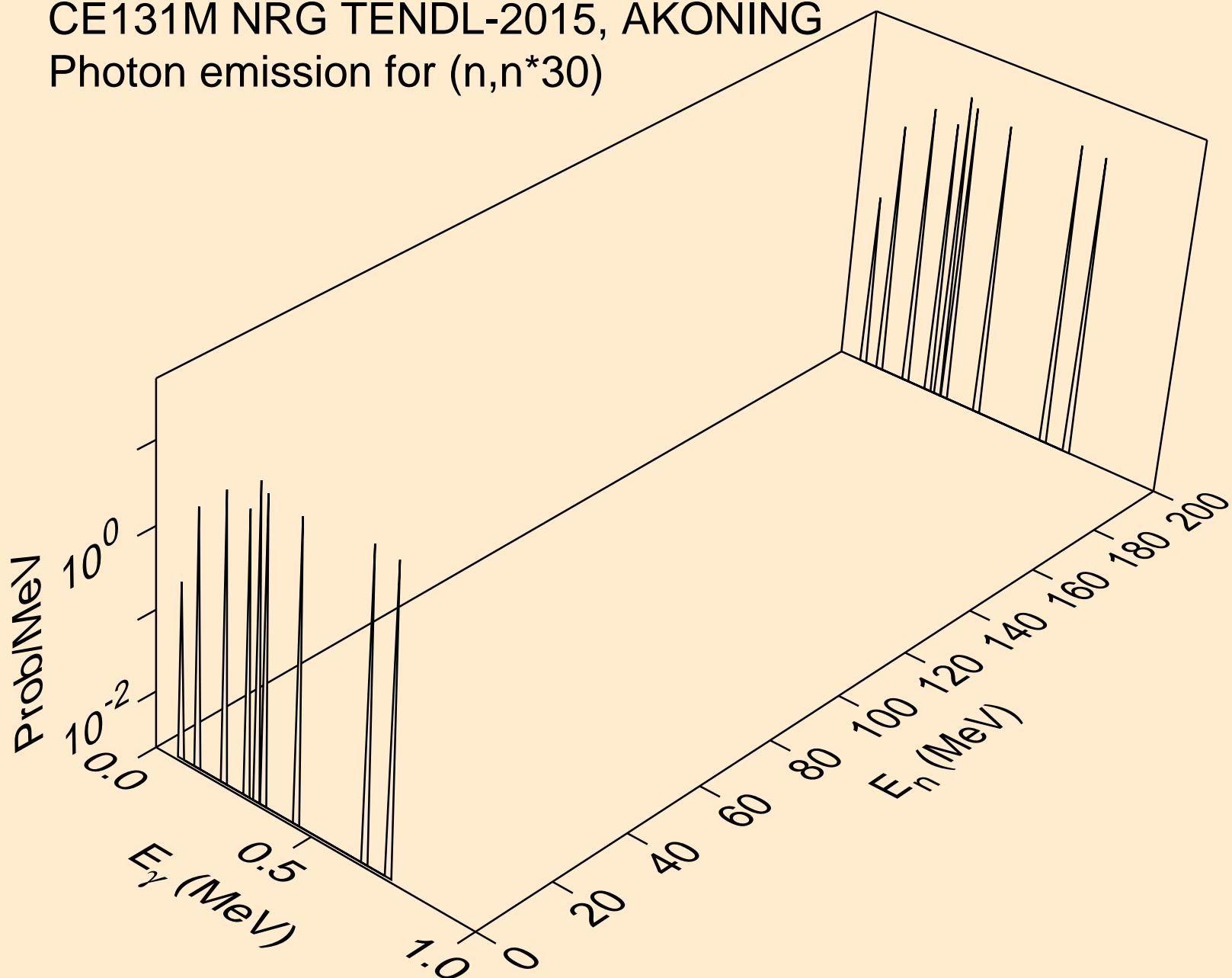
CE131M NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^* 28$ )



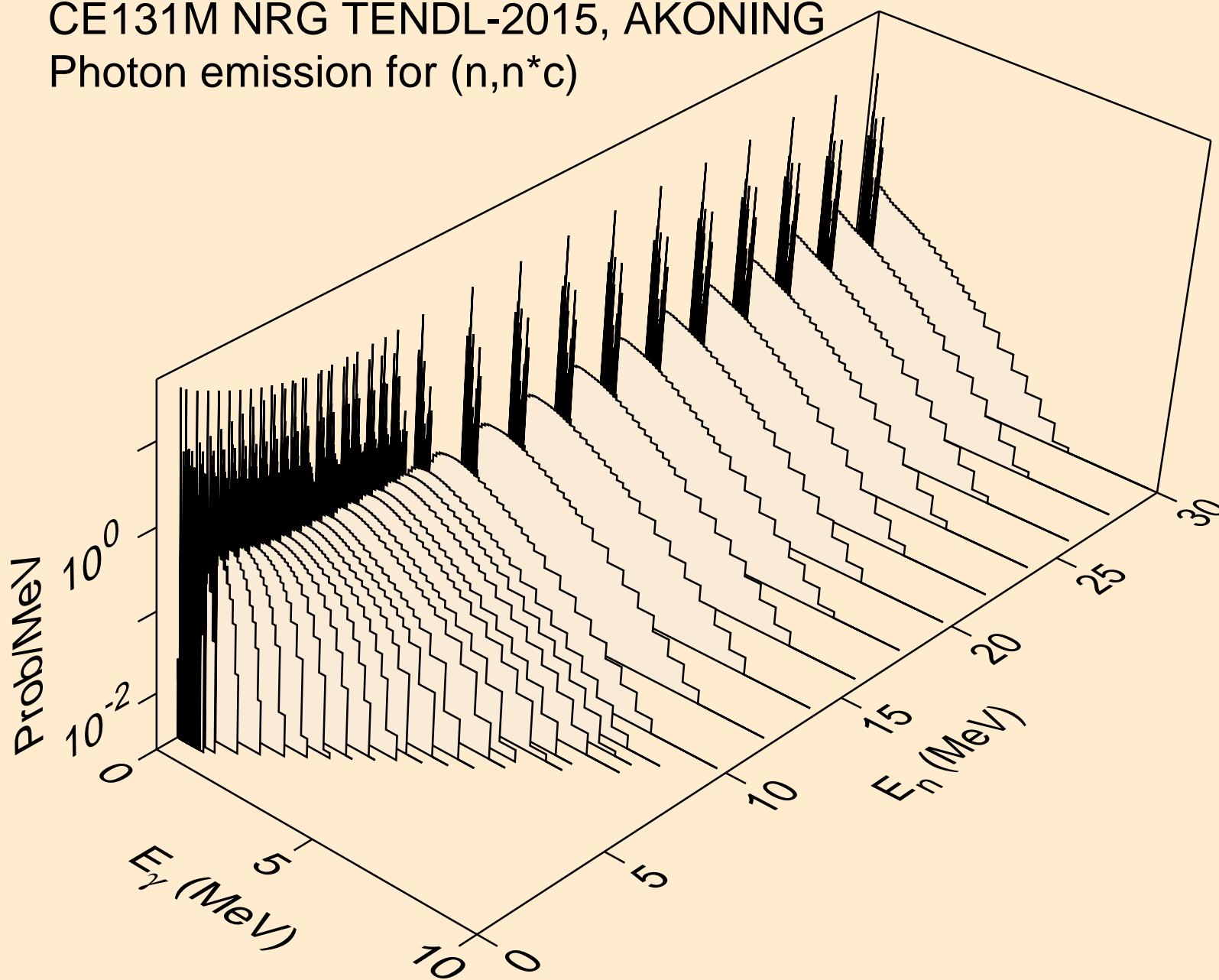
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*29)



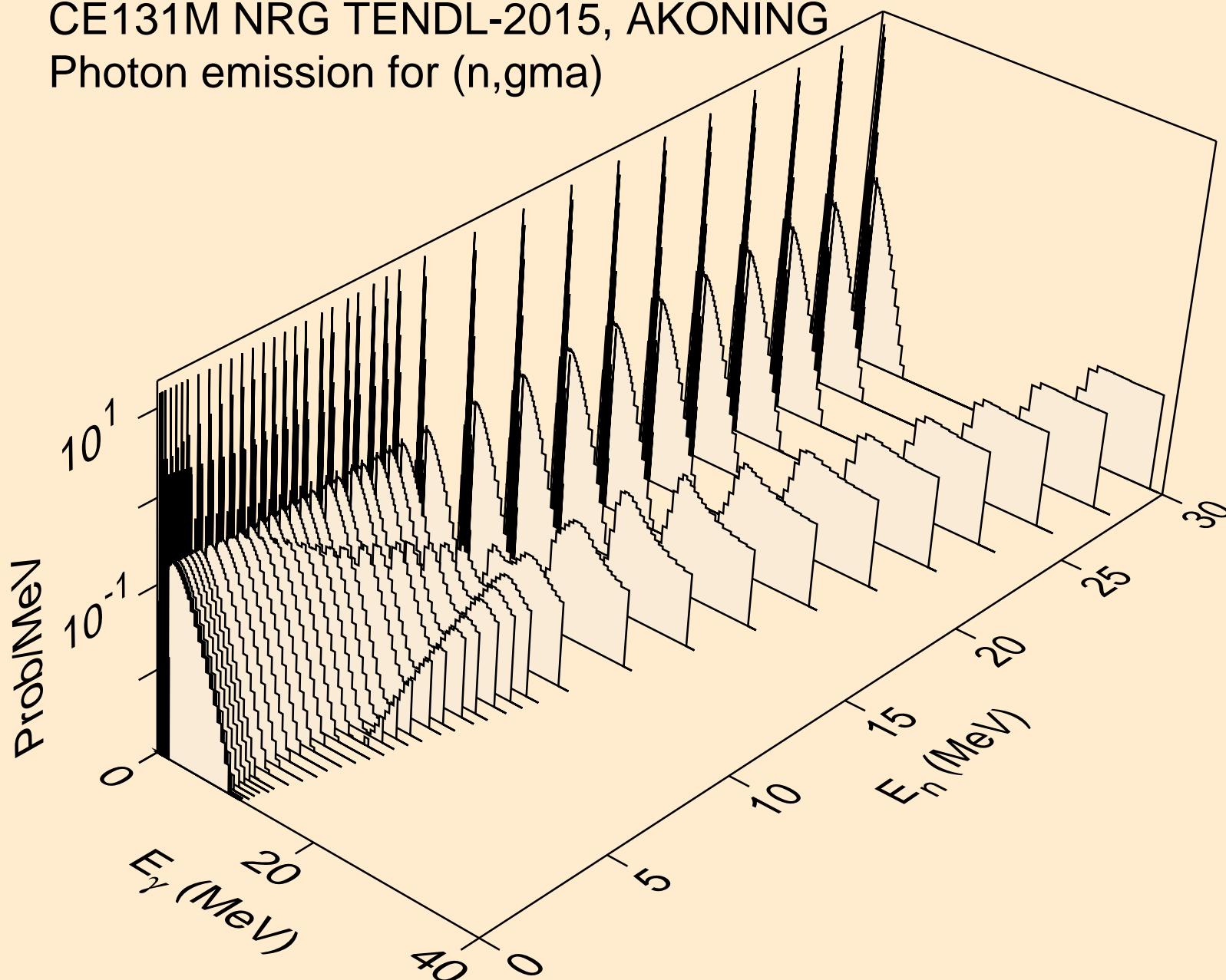
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*30)



CE131M NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^*c$ )

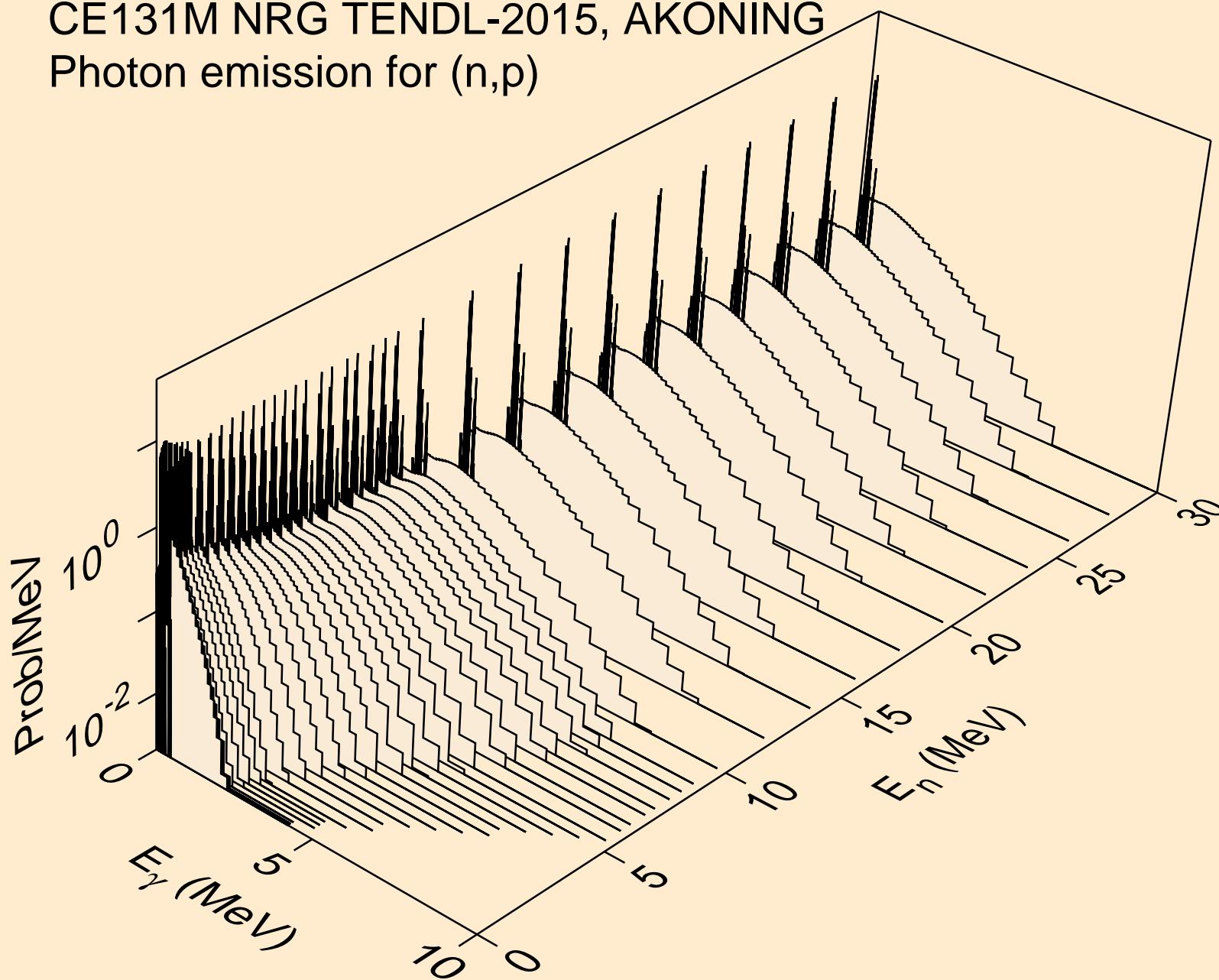


CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

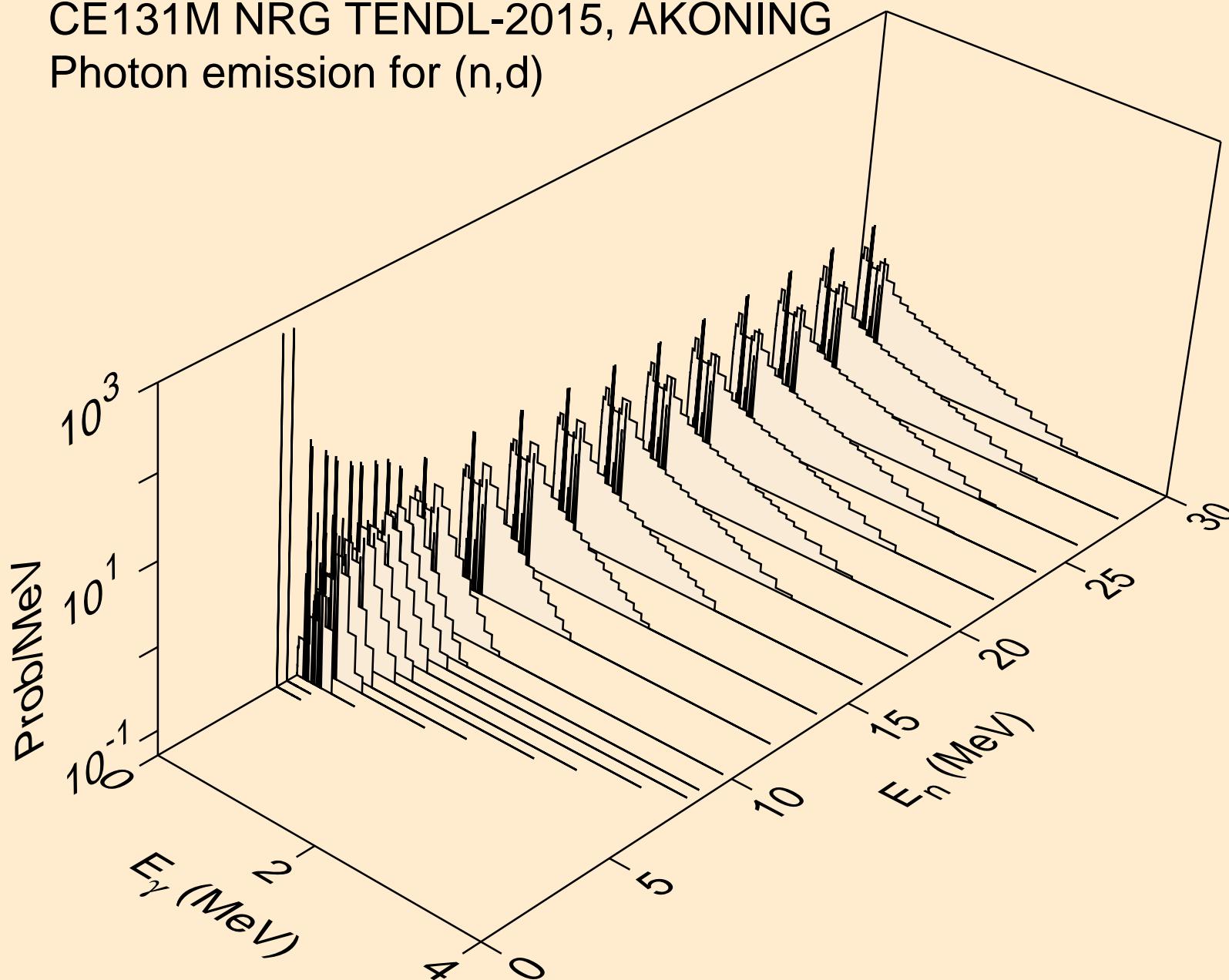


CE131M NRG TENDL-2015, AKONING

Photon emission for (n,p)

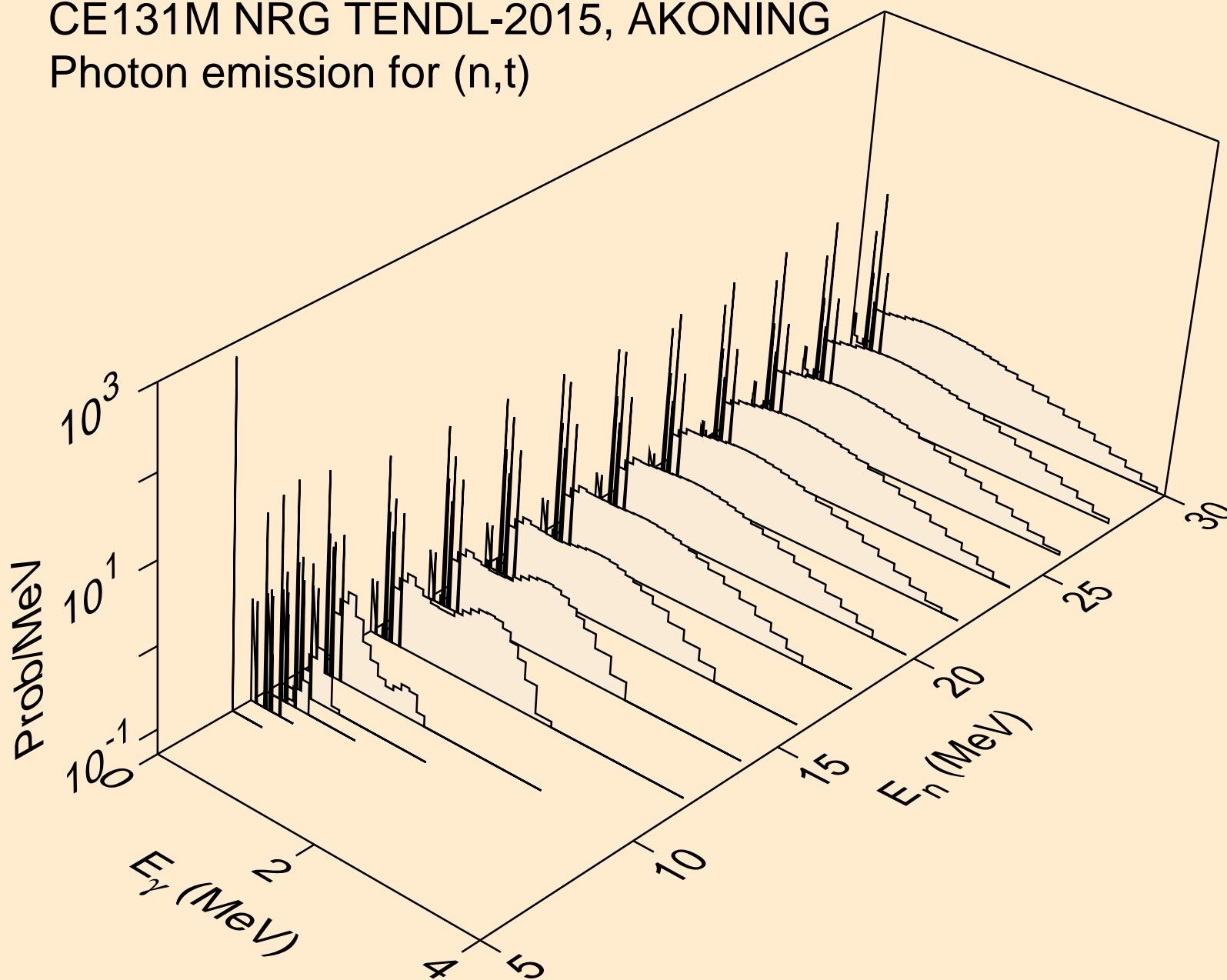


CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,d)

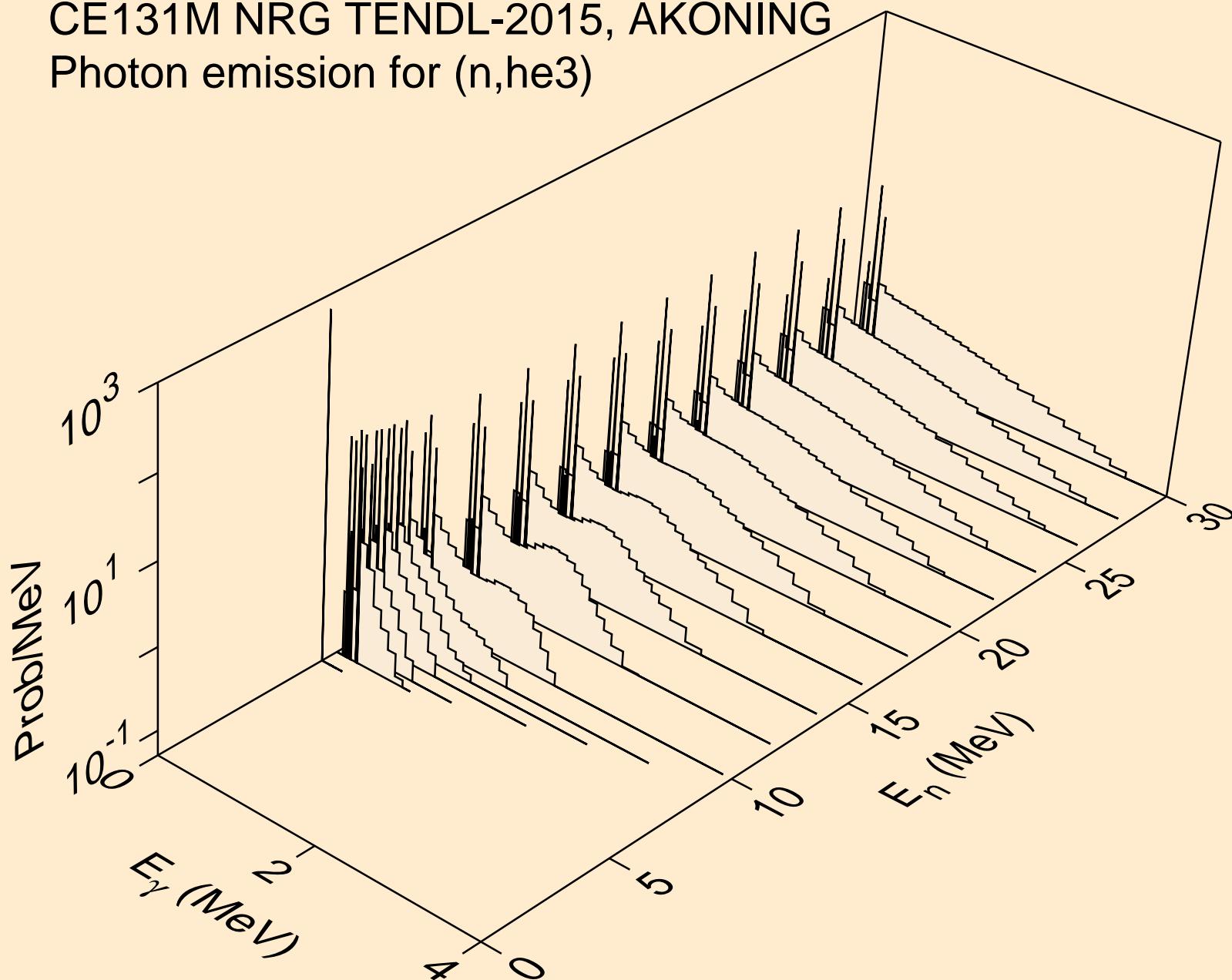


# CE131M NRG TENDL-2015, AKONING

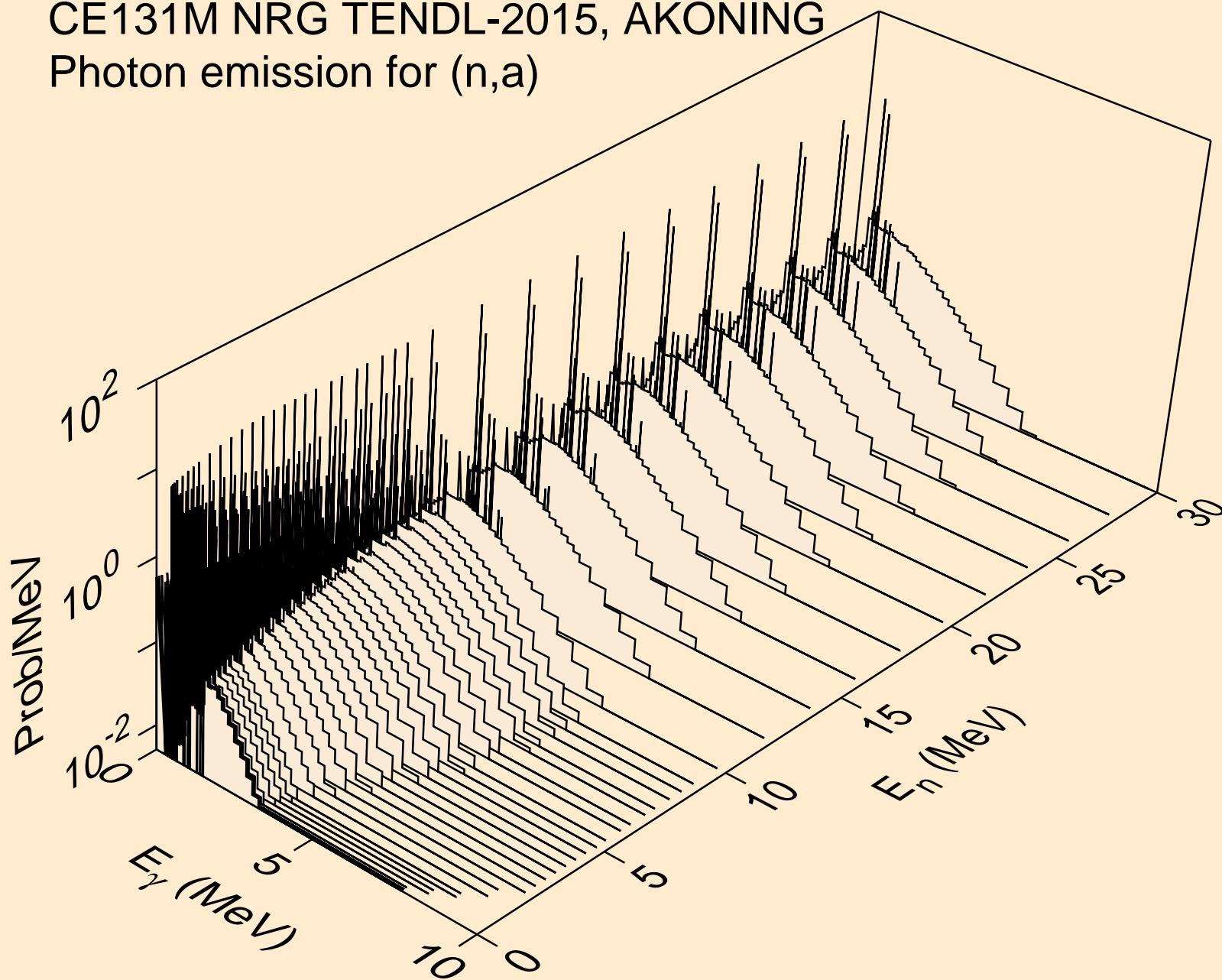
Photon emission for (n,t)



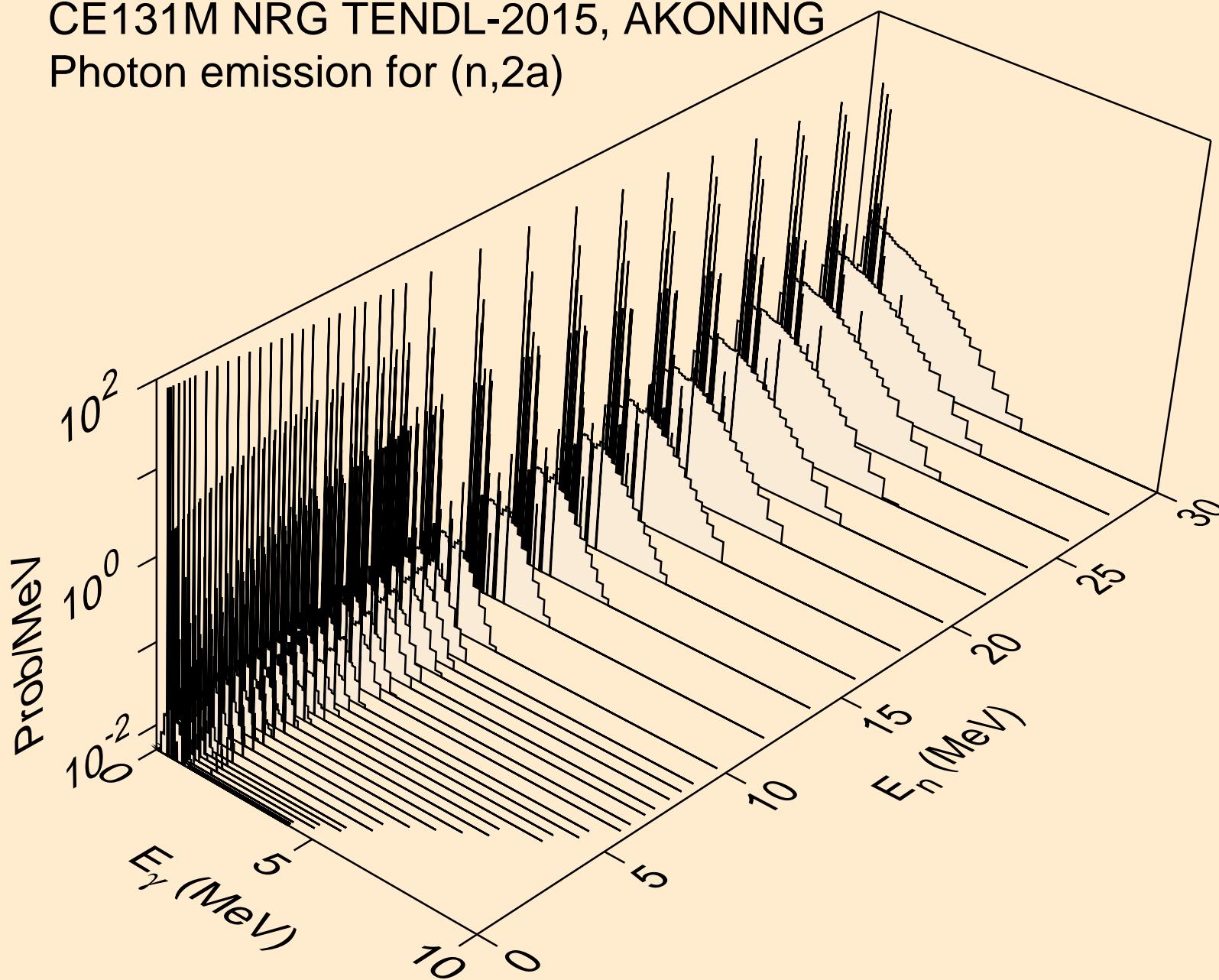
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



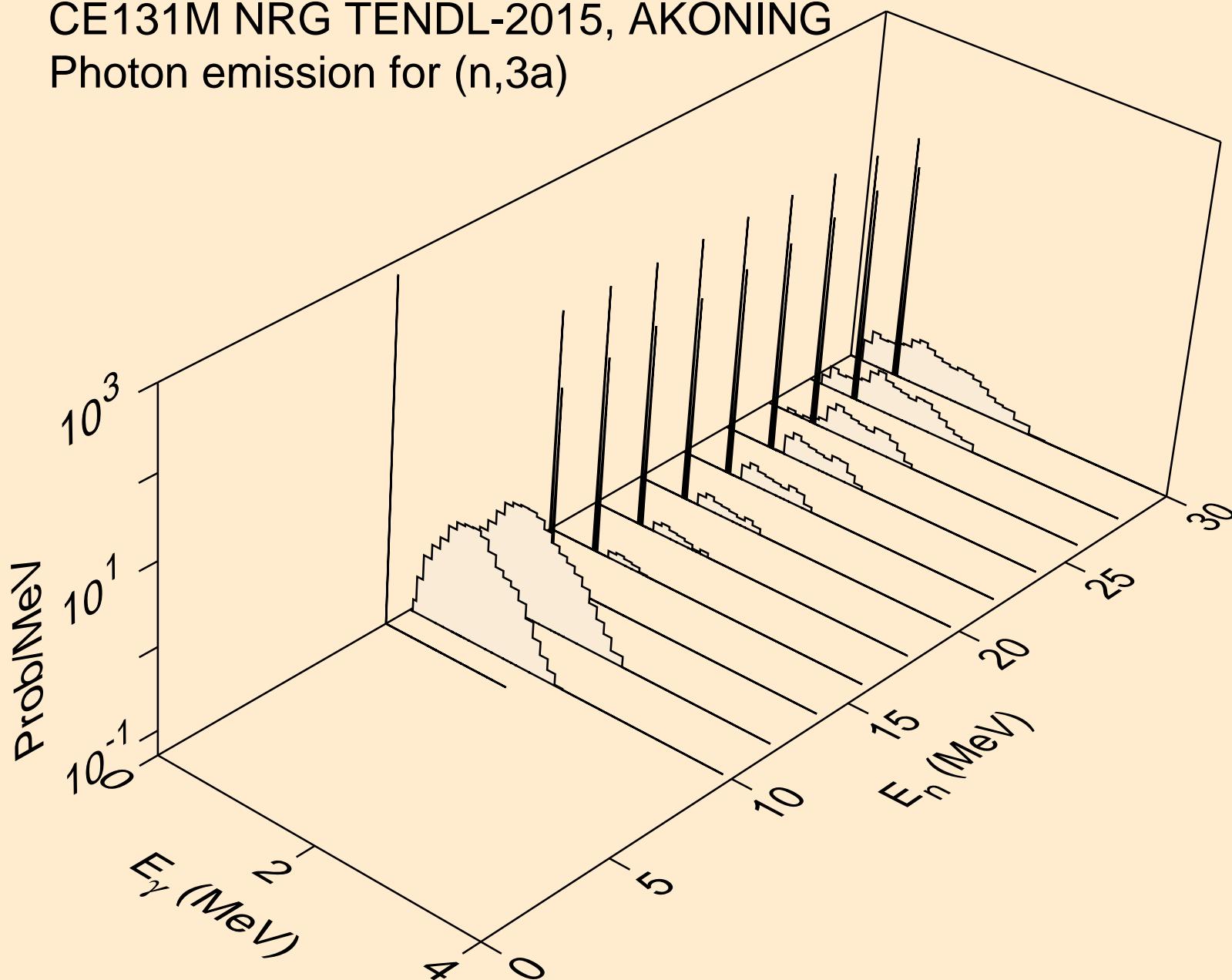
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,a)



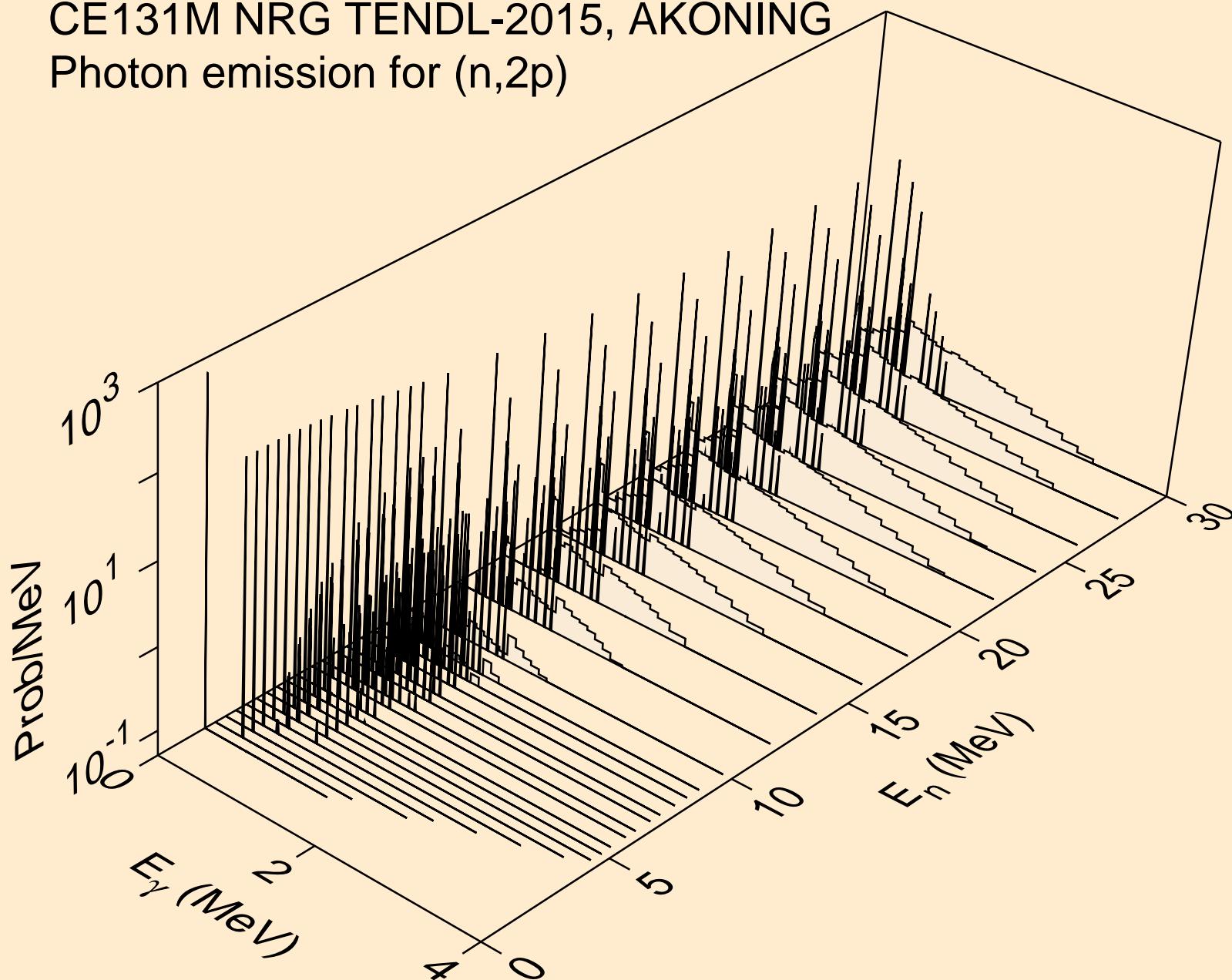
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



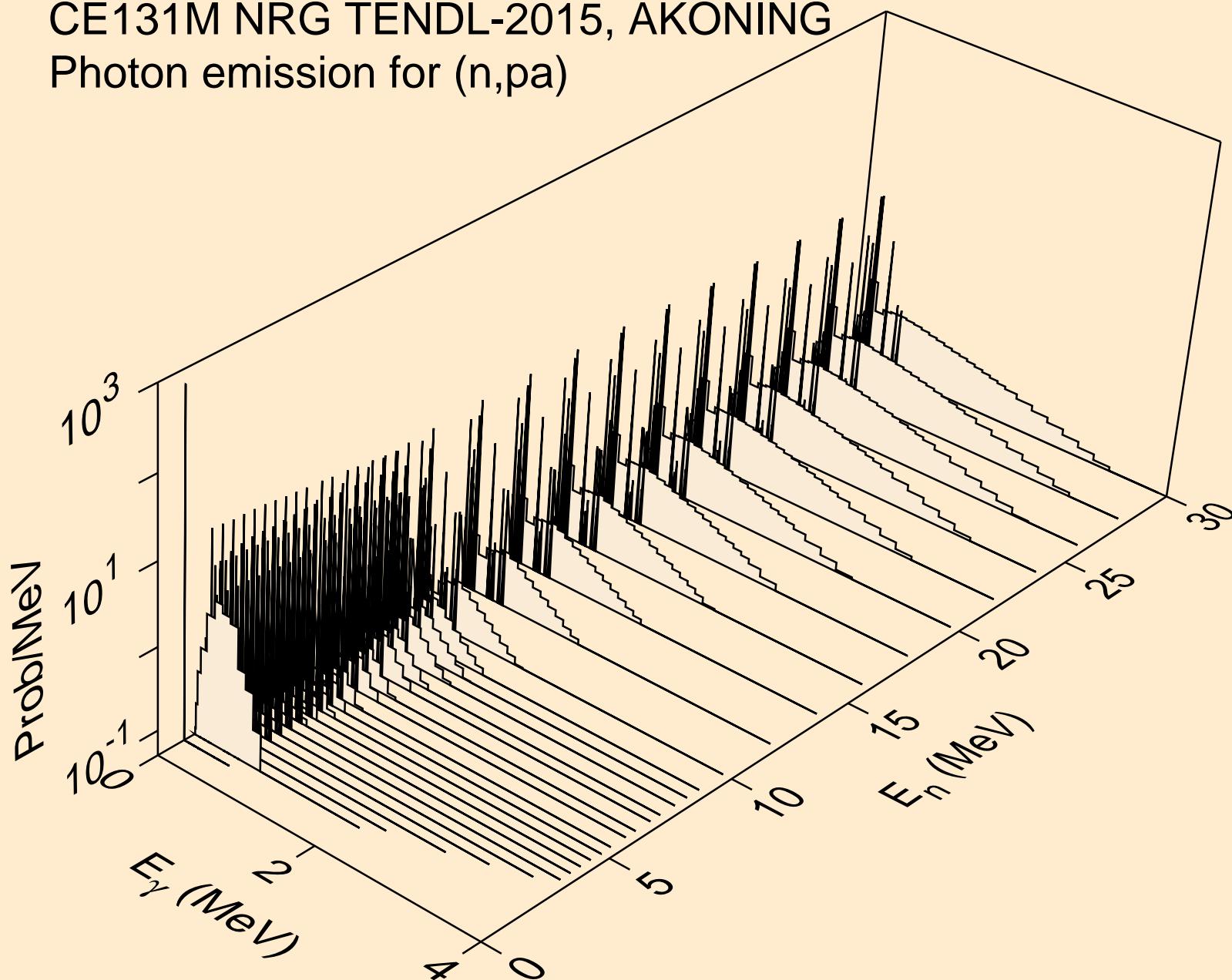
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



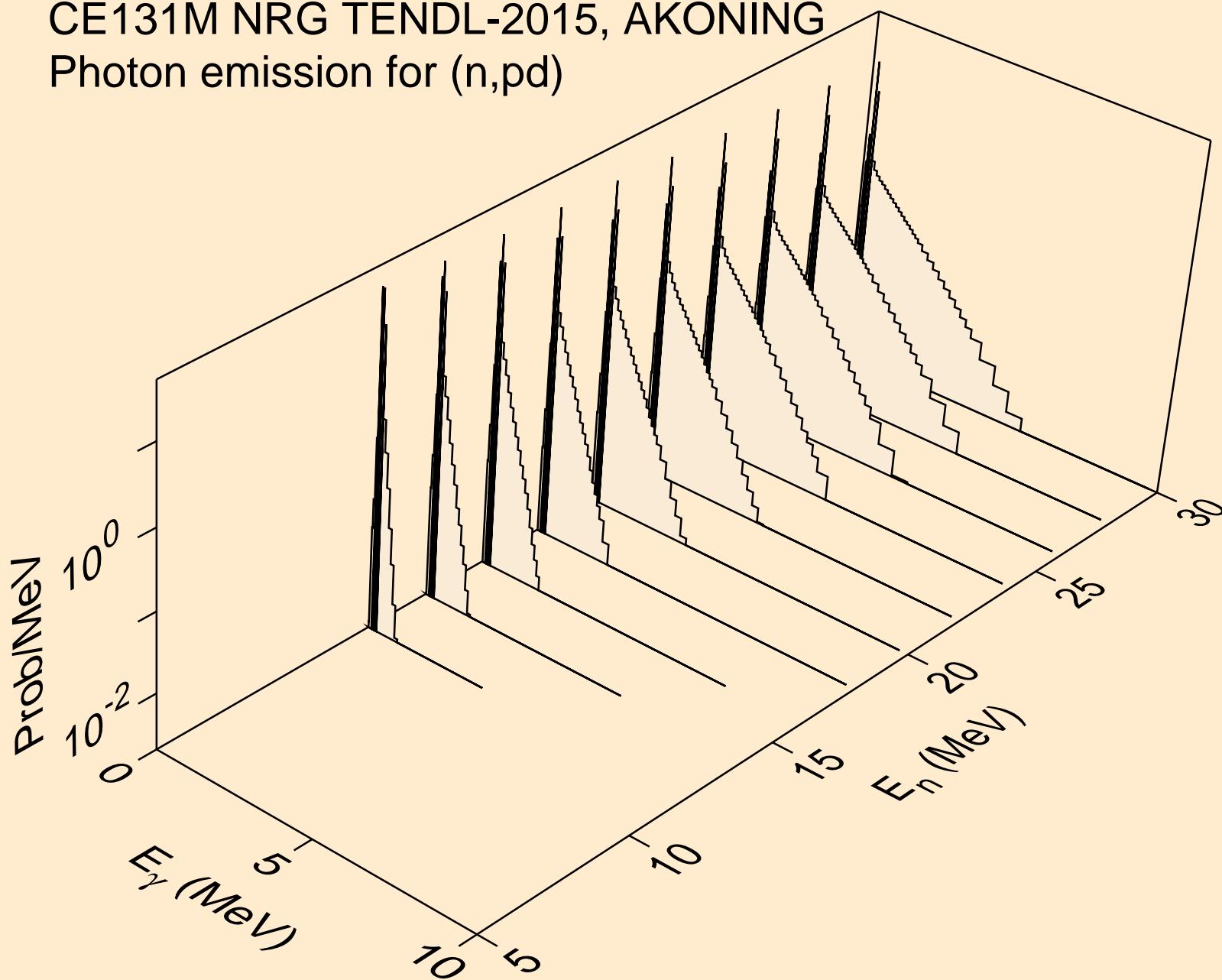
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

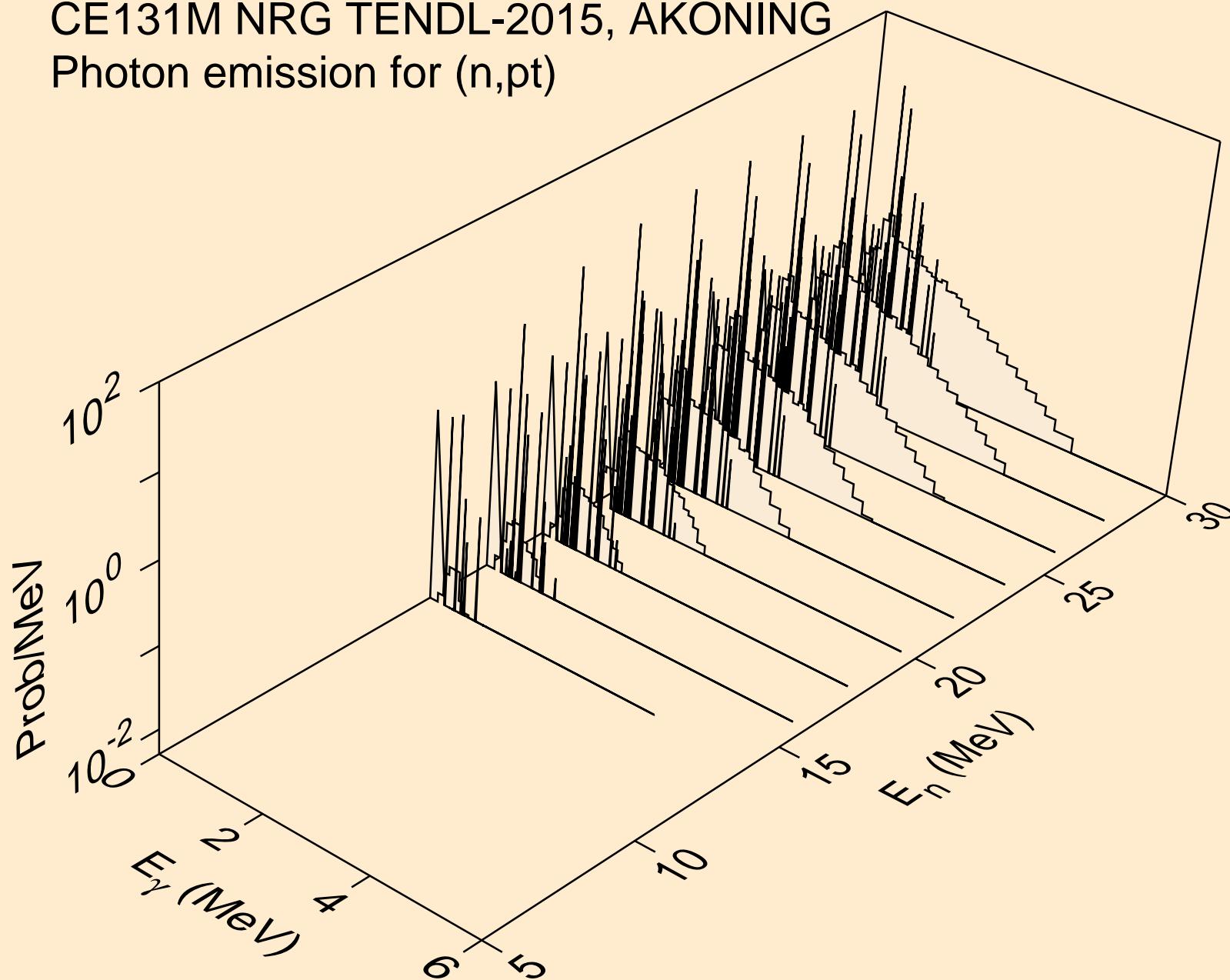


CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

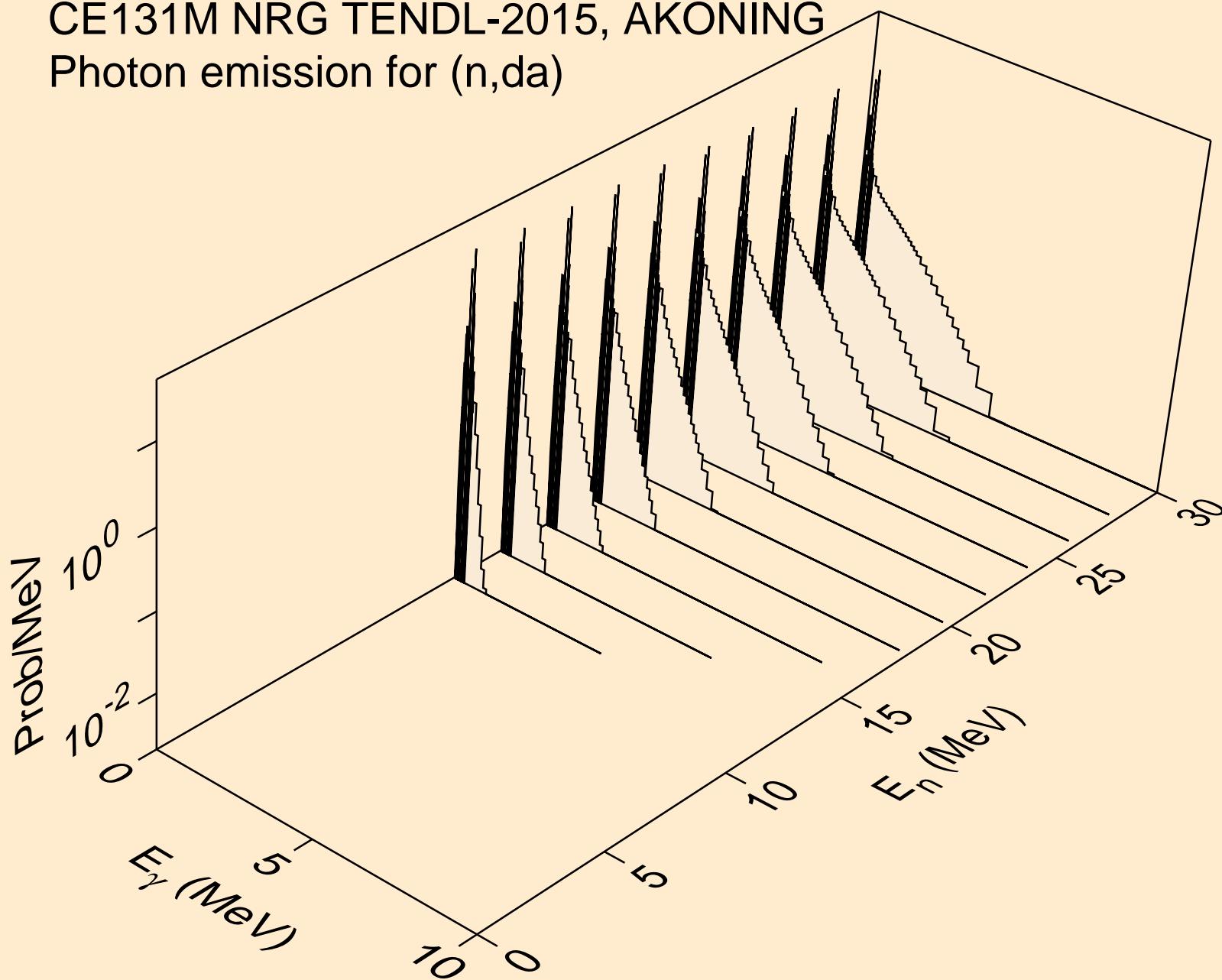


CE131M NRG TENDL-2015, AKONING

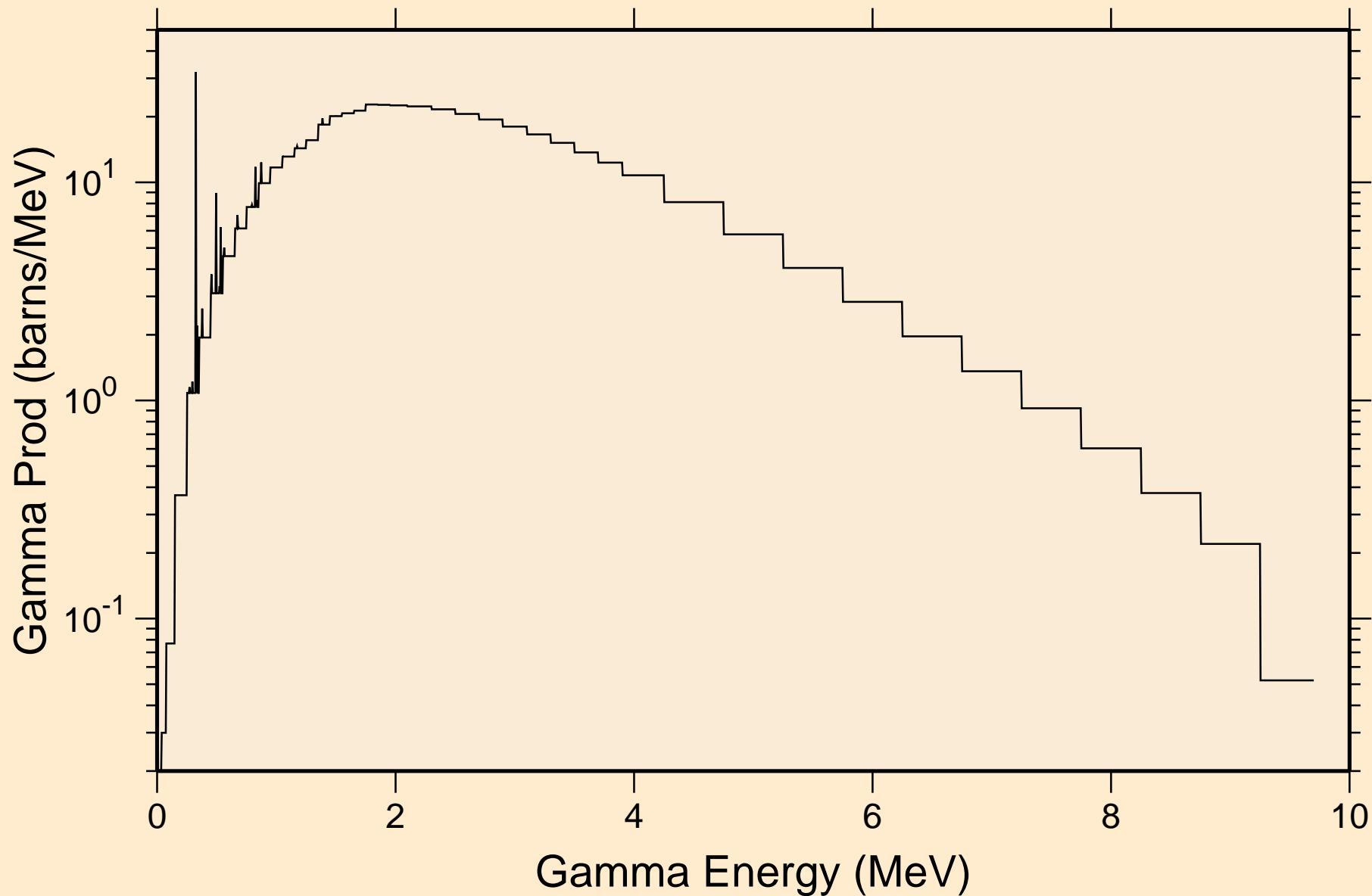
Photon emission for (n,pt)



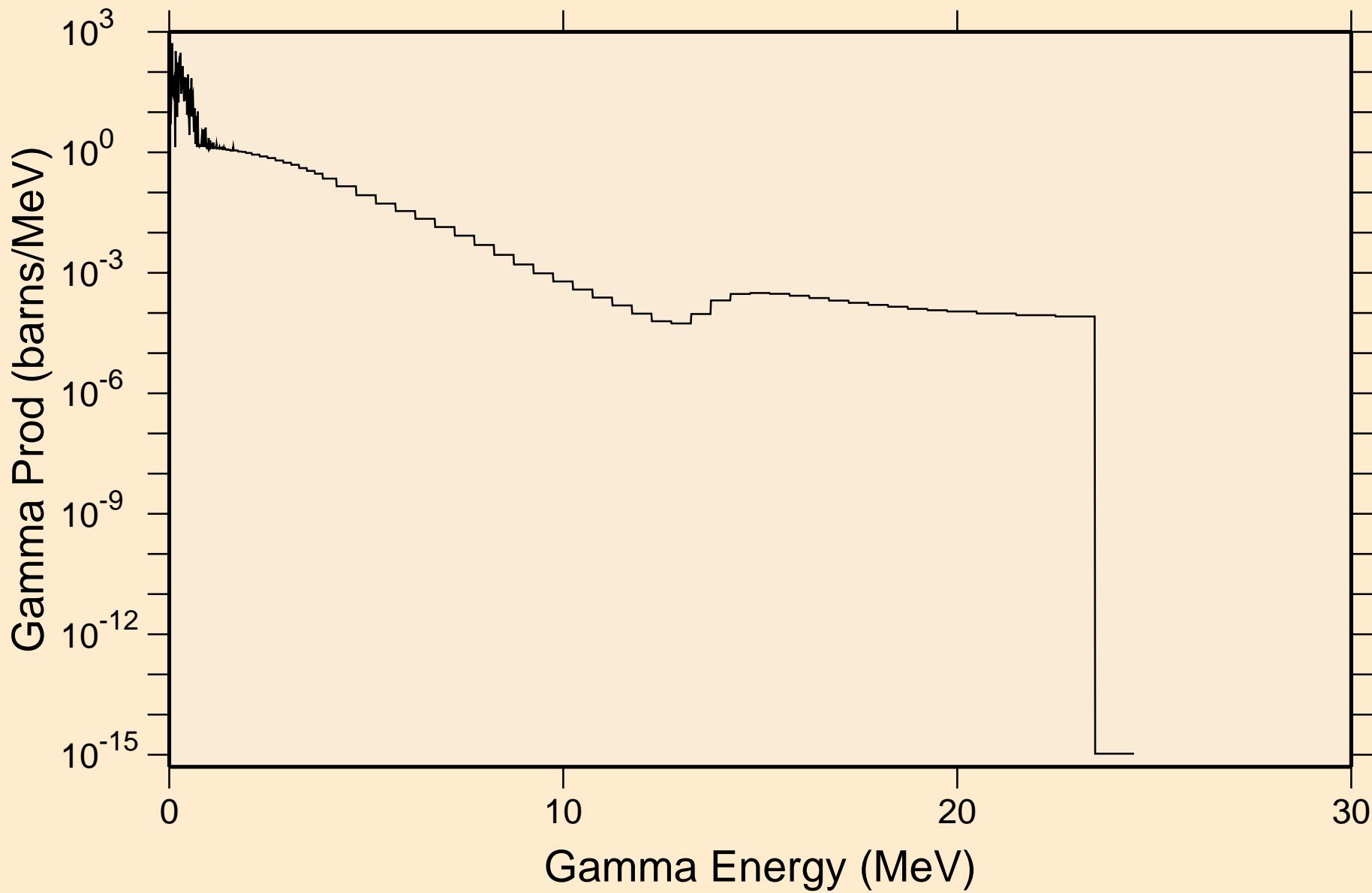
CE131M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CE131M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

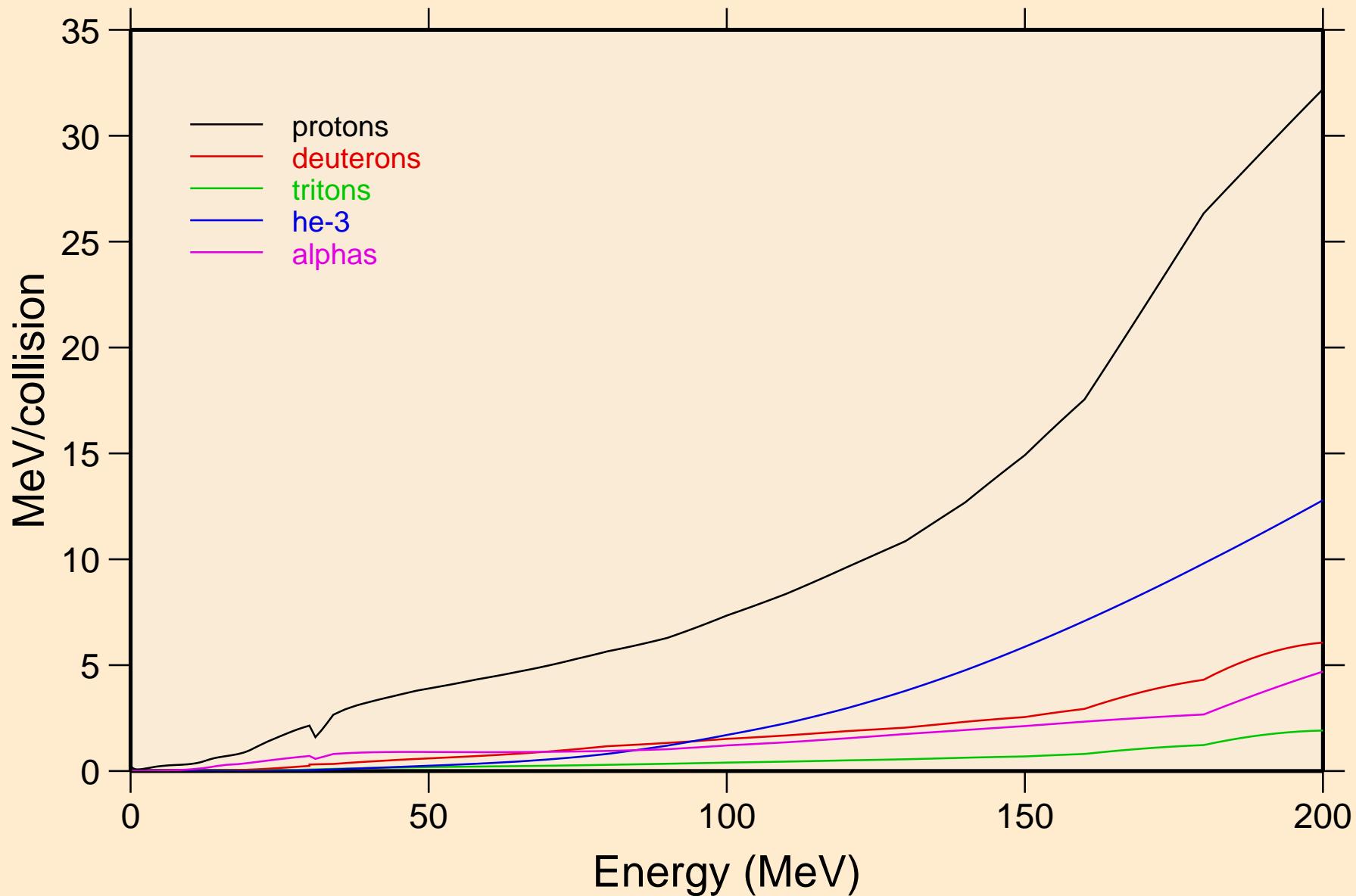


CE131M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



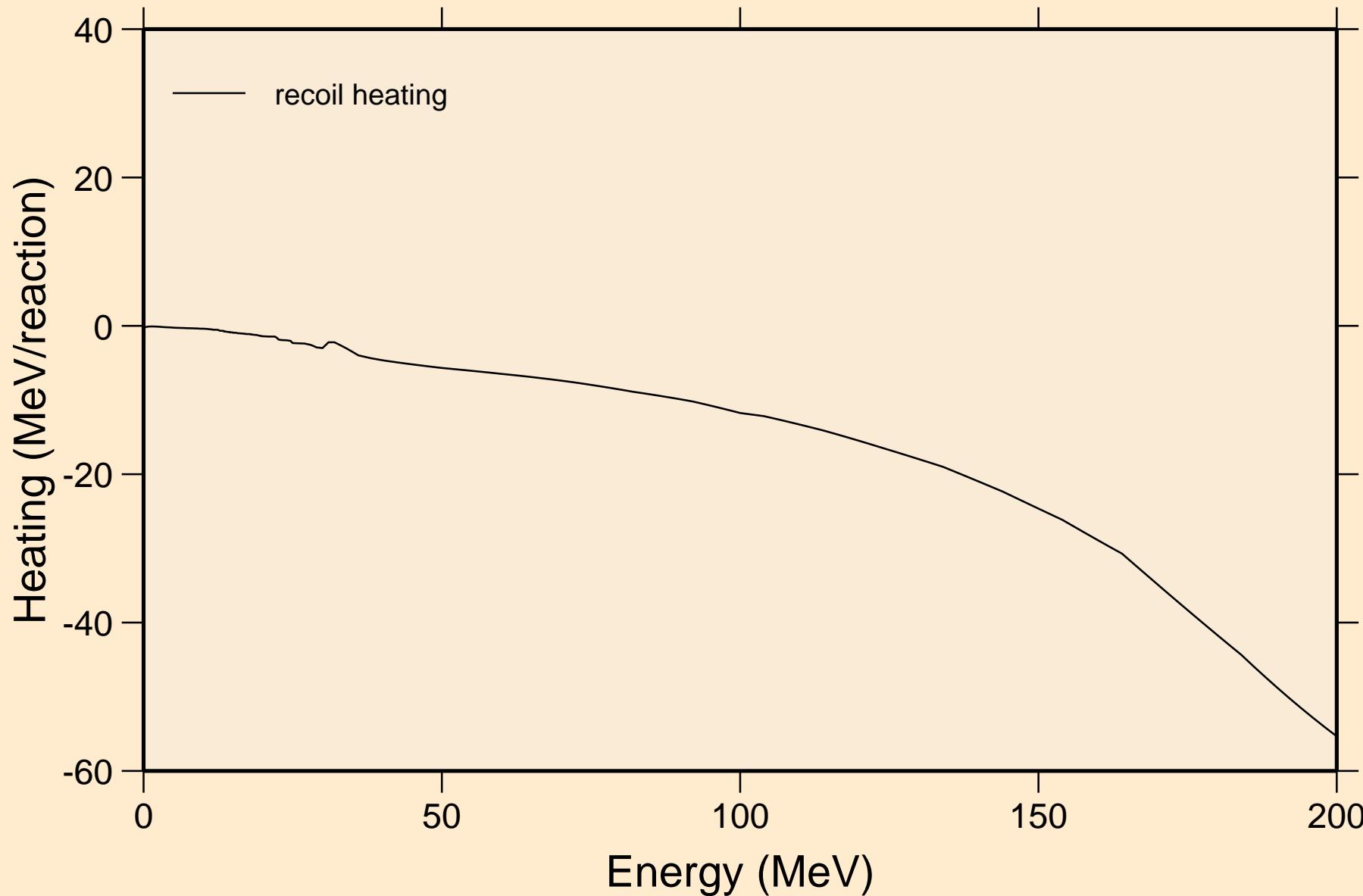
# CE131M NRG TENDL-2015, AKONING

## Particle heating contributions



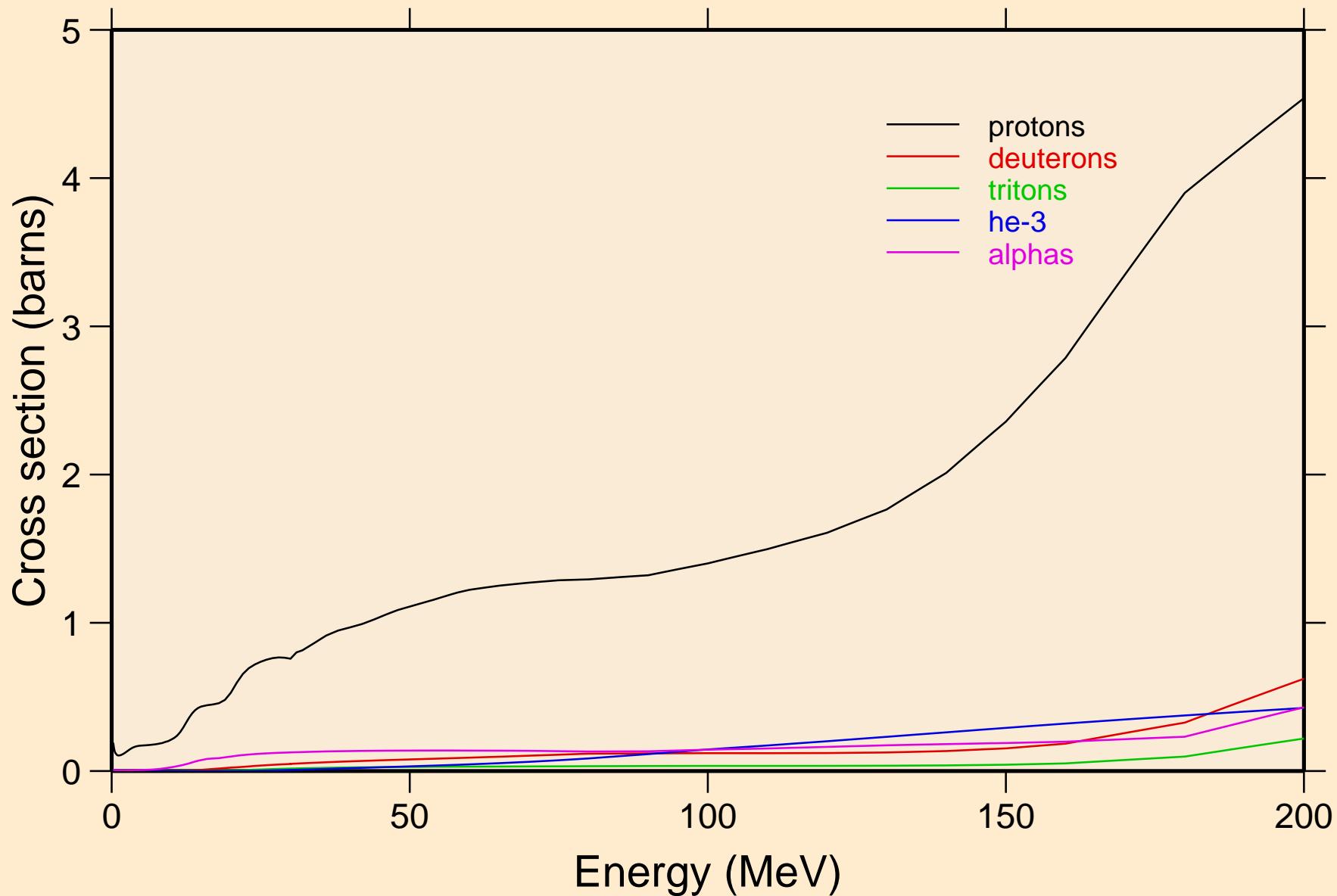
# CE131M NRG TENDL-2015, AKONING

## Recoil Heating

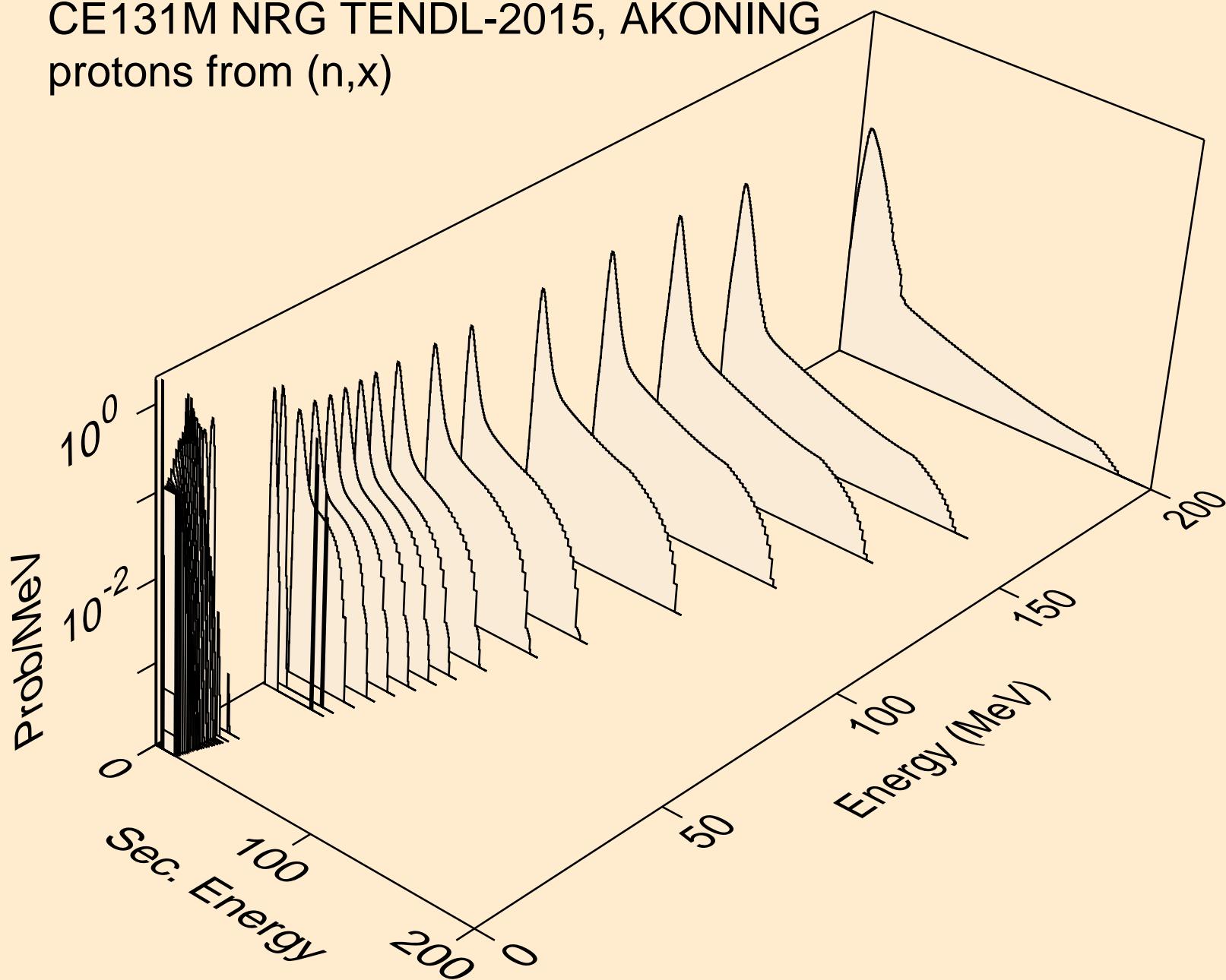


# CE131M NRG TENDL-2015, AKONING

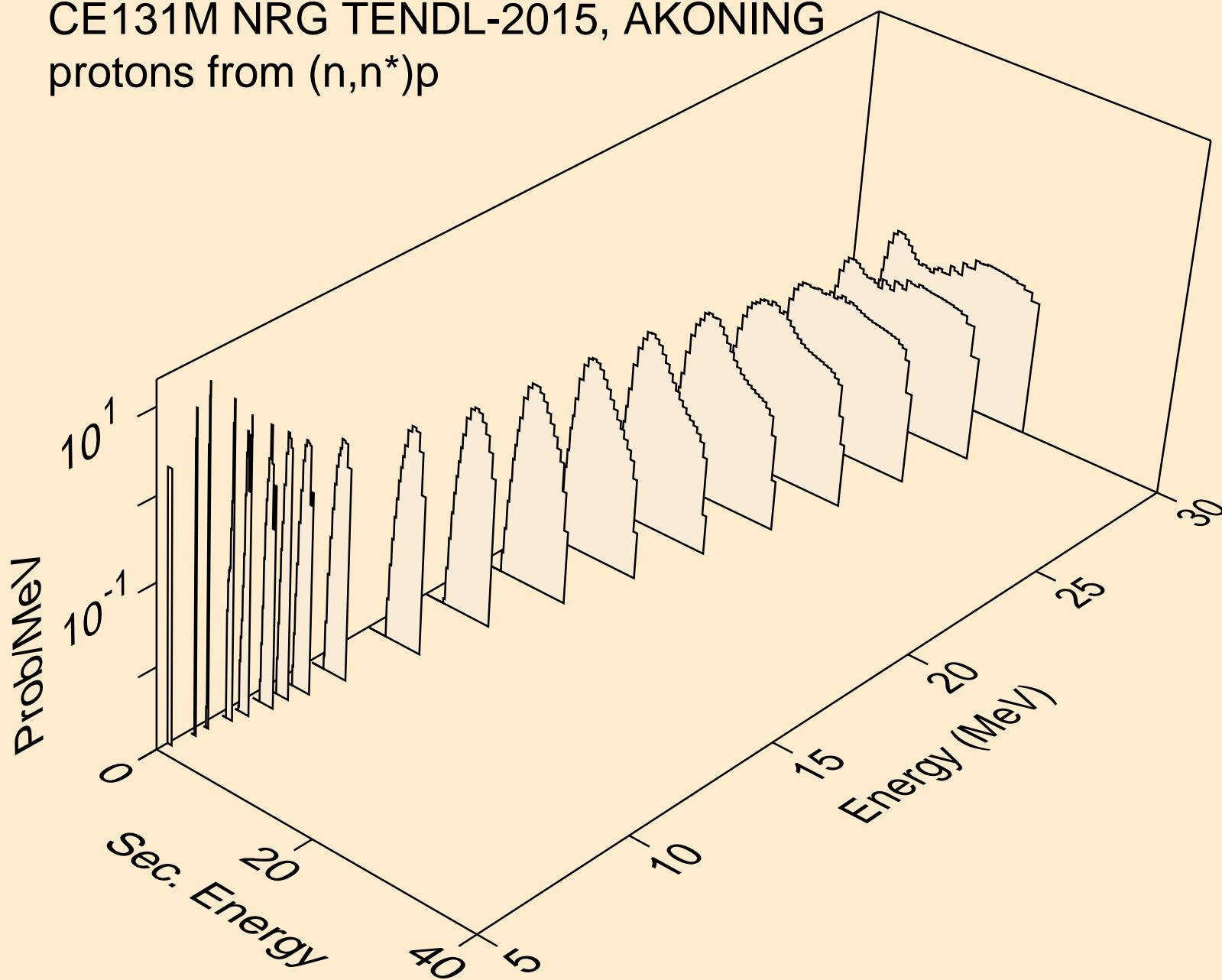
## Particle production cross sections



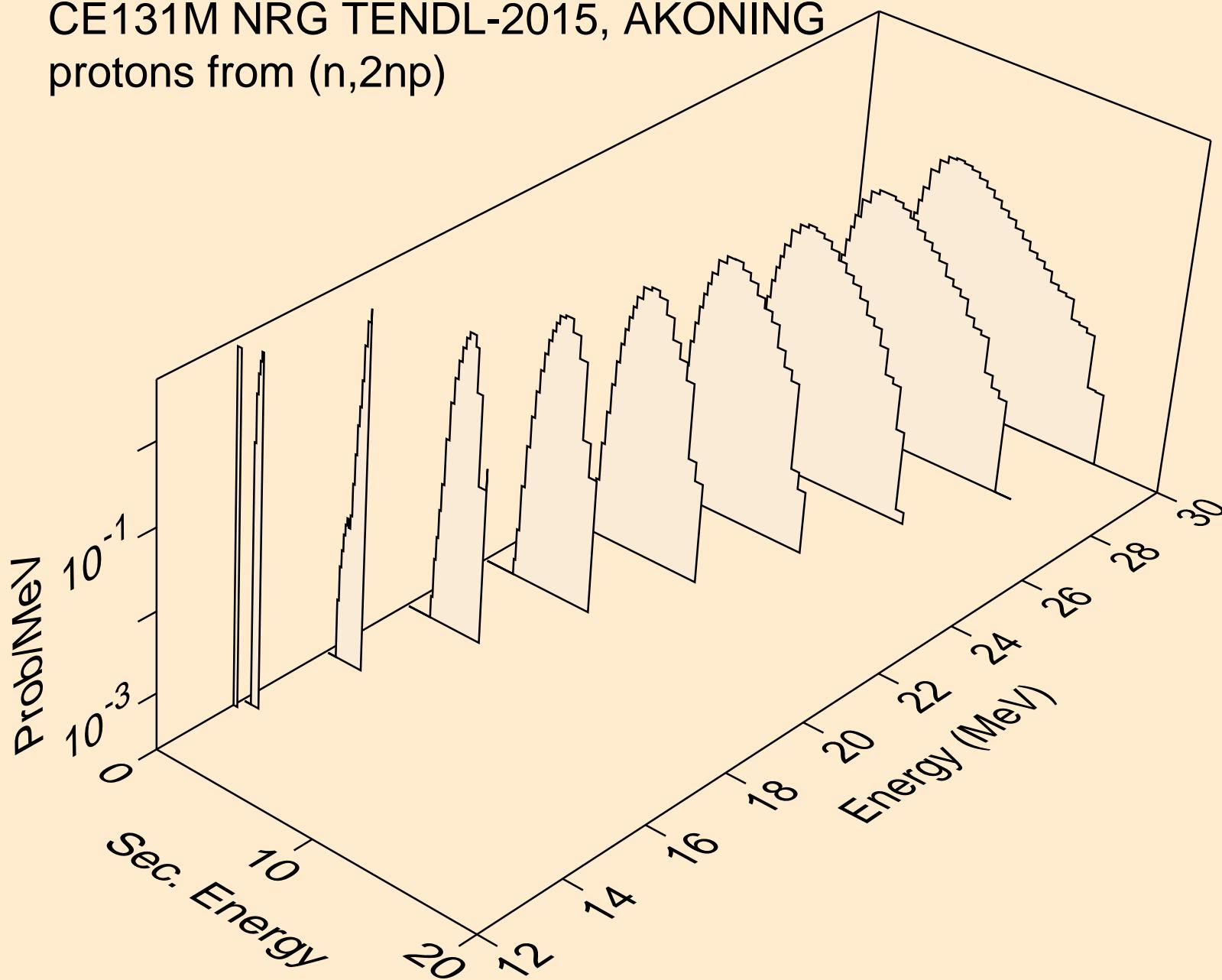
CE131M NRG TENDL-2015, AKONING  
protons from ( $n,x$ )



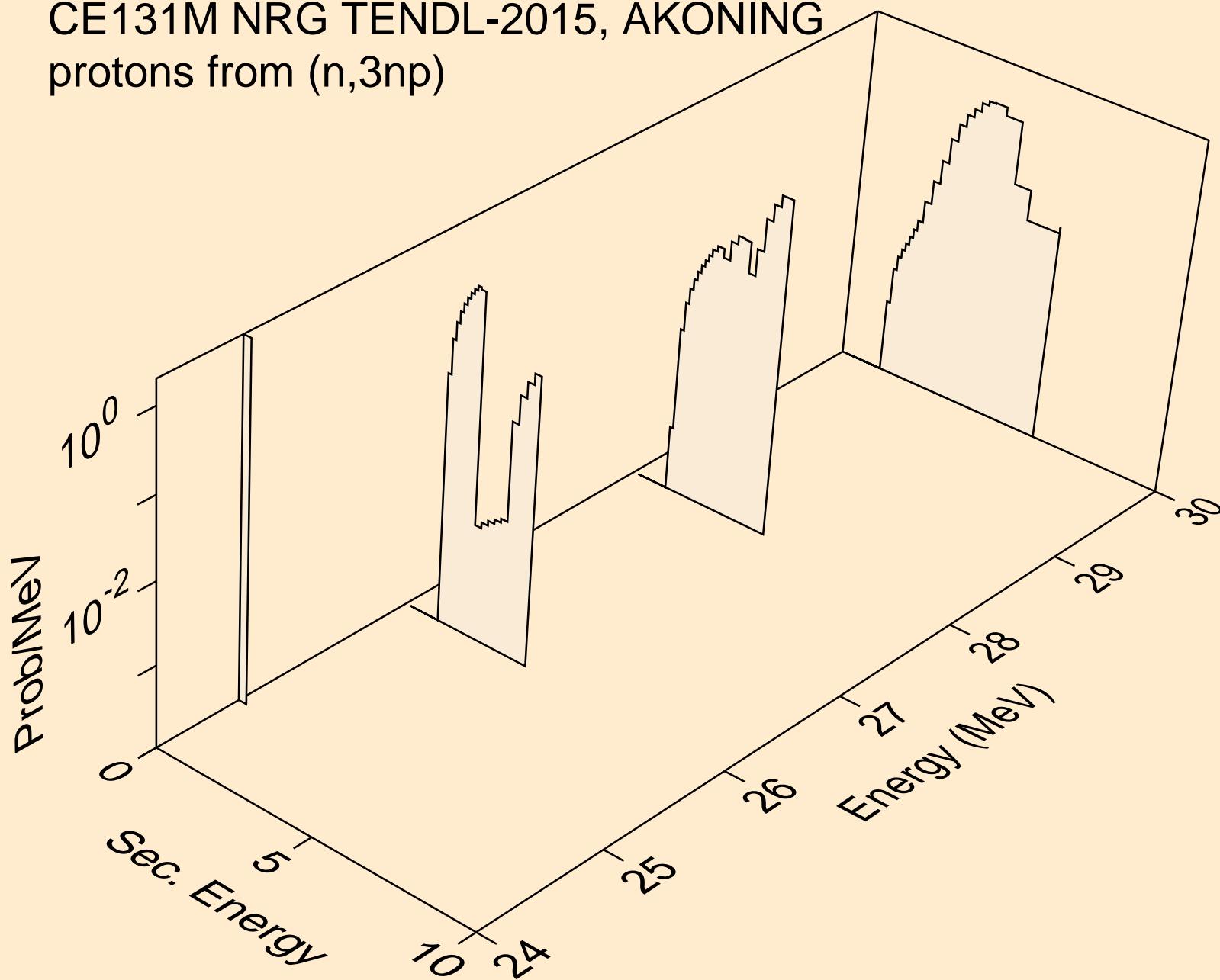
CE131M NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



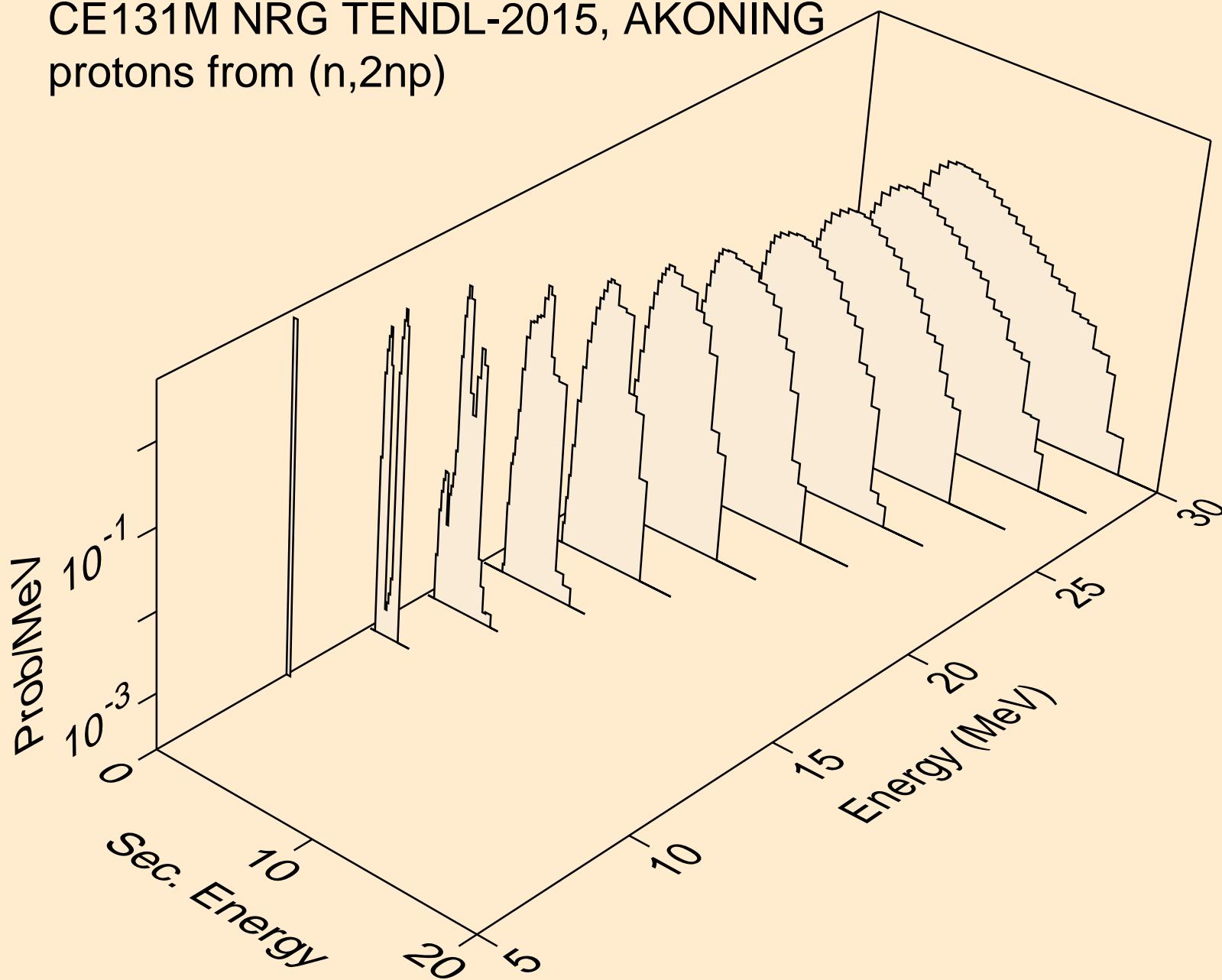
CE131M NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



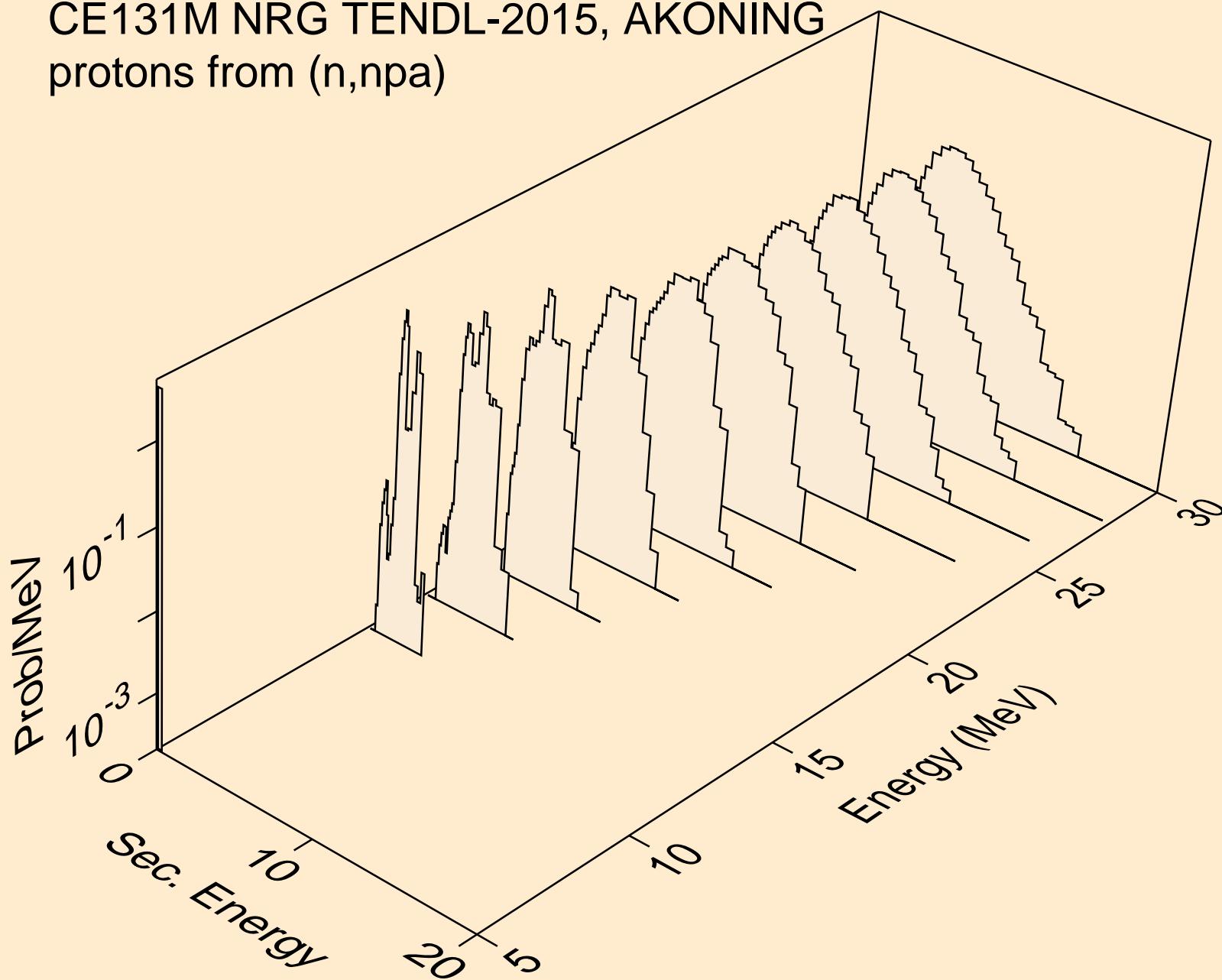
CE131M NRG TENDL-2015, AKONING  
protons from ( $n,3np$ )



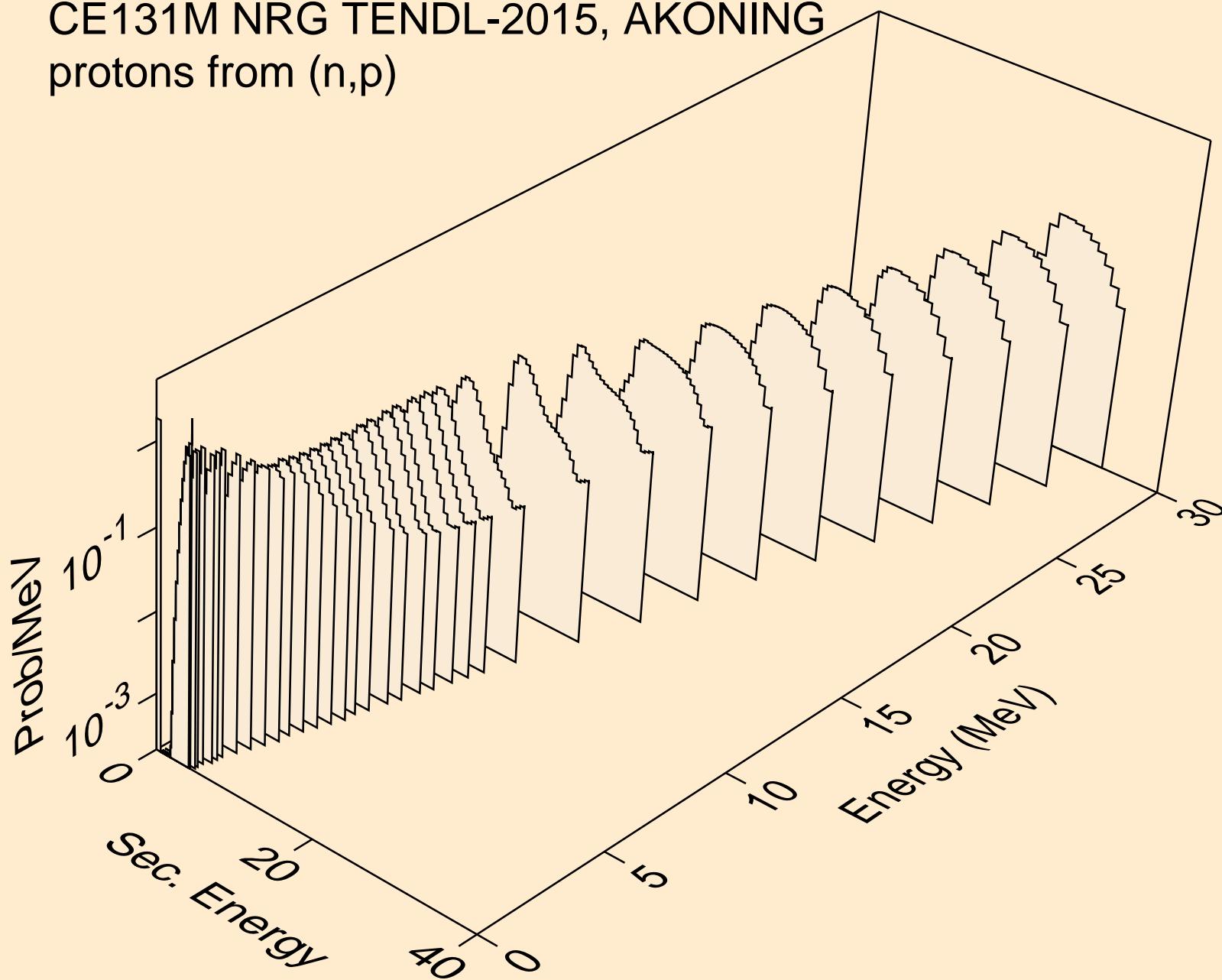
CE131M NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



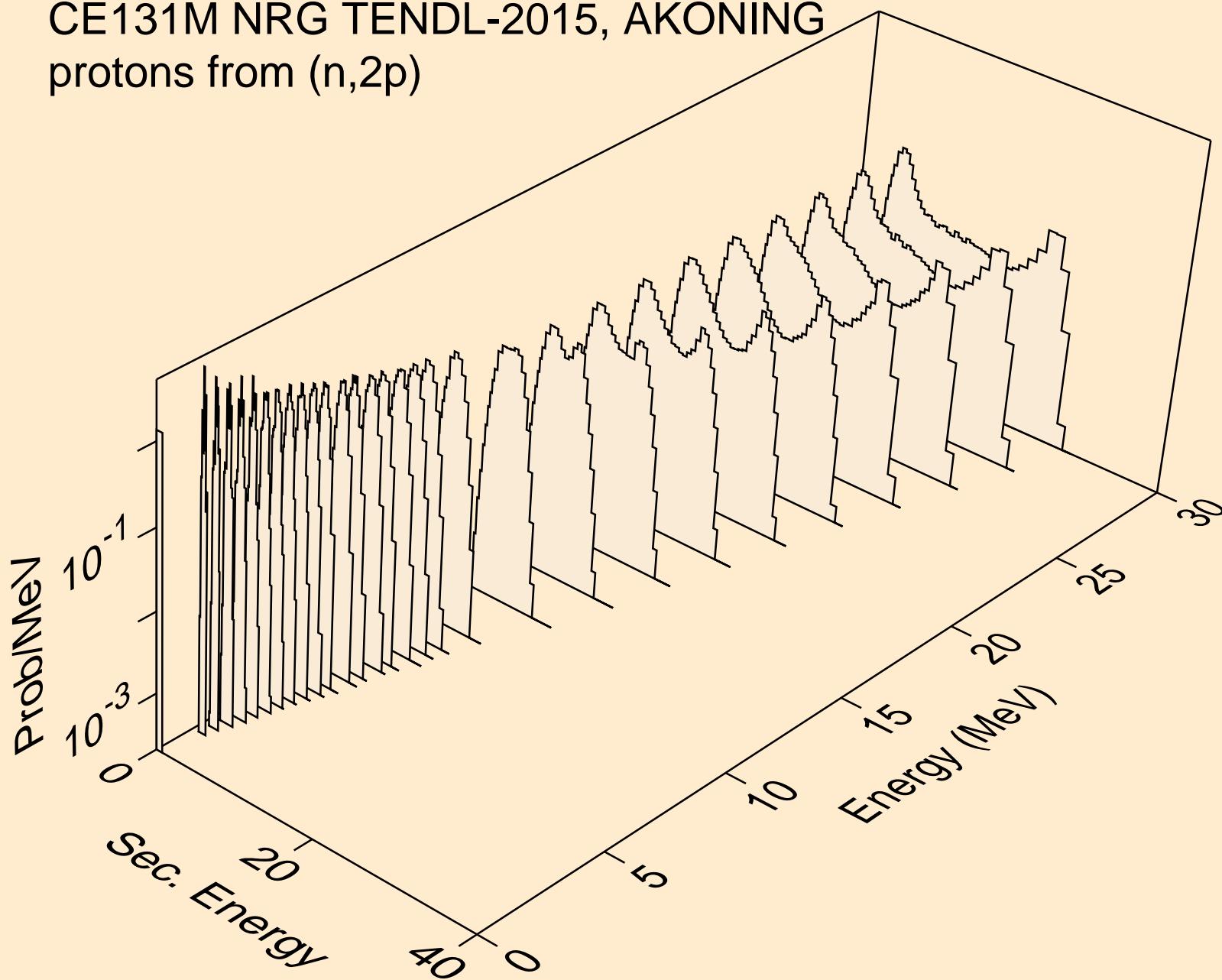
CE131M NRG TENDL-2015, AKONING  
protons from (n,npa)



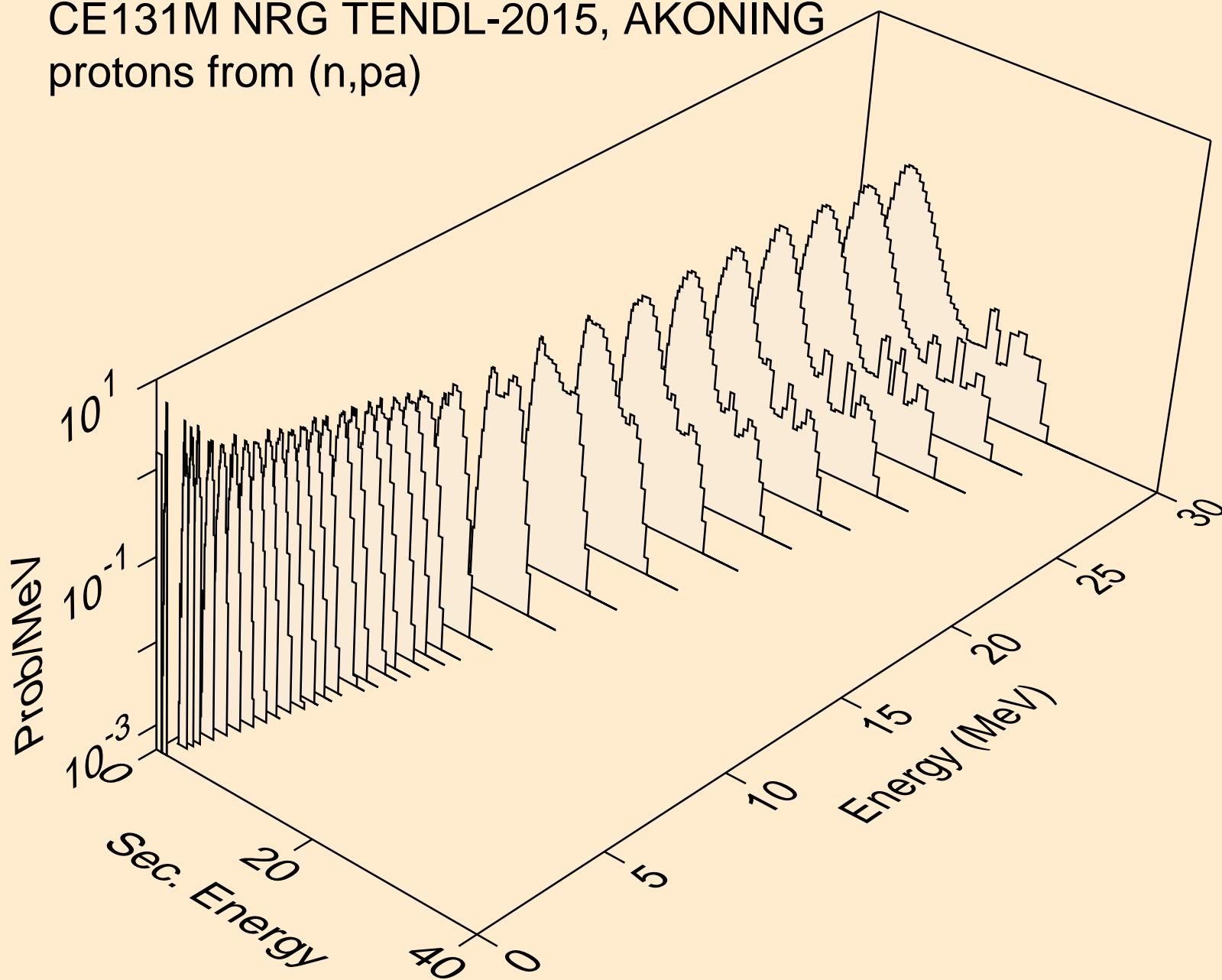
CE131M NRG TENDL-2015, AKONING  
protons from (n,p)



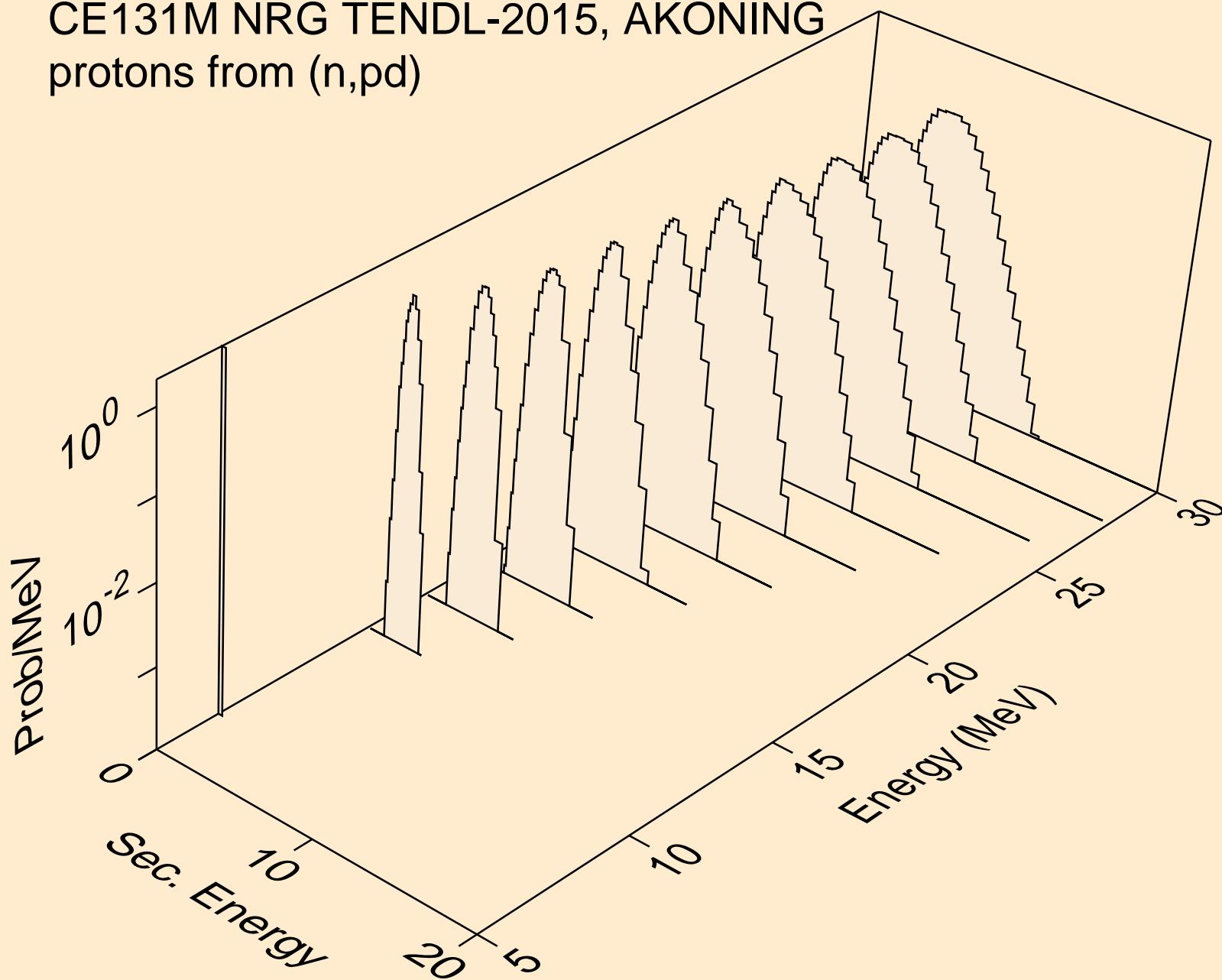
CE131M NRG TENDL-2015, AKONING  
protons from ( $n,2p$ )



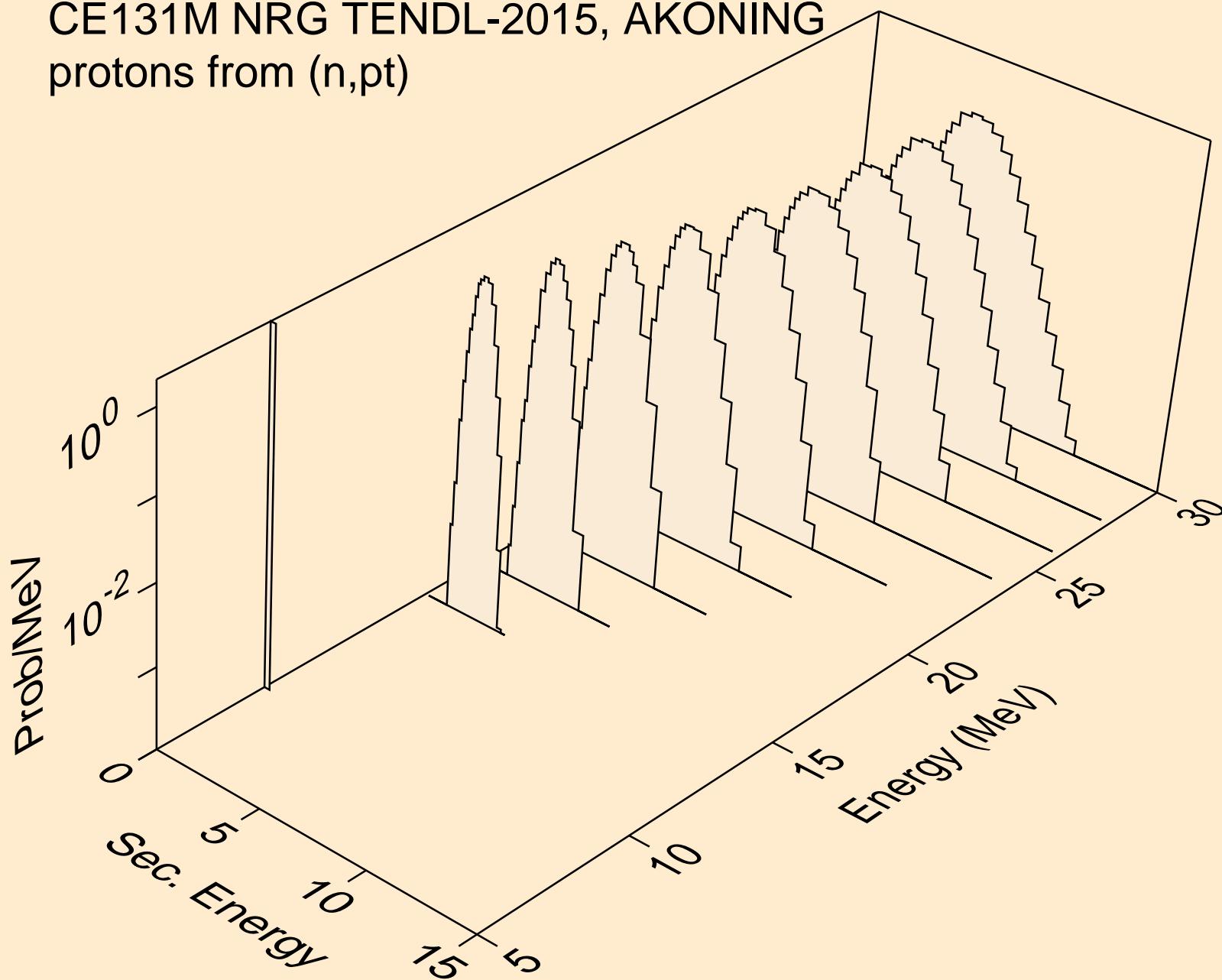
CE131M NRG TENDL-2015, AKONING  
protons from (n,pa)



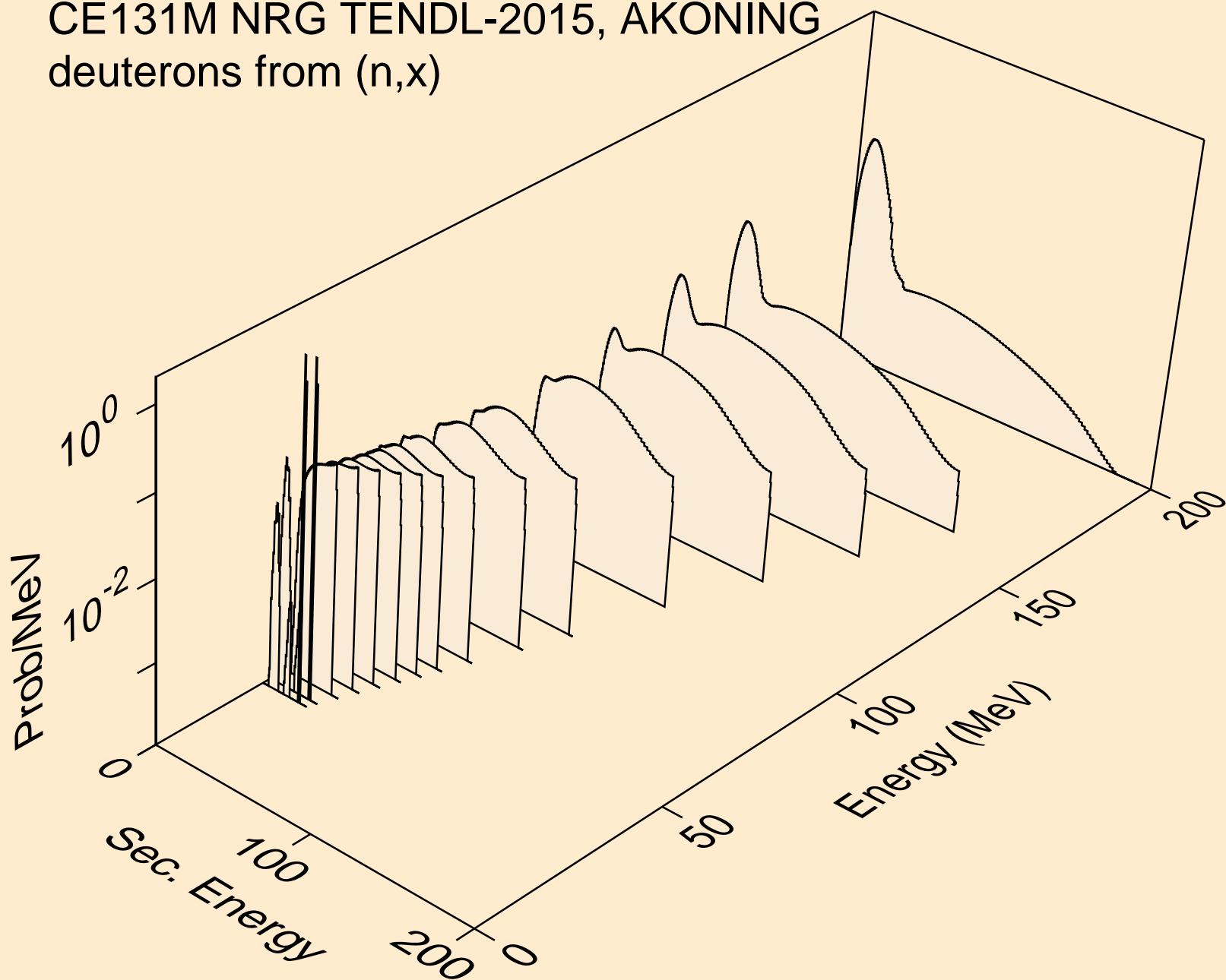
CE131M NRG TENDL-2015, AKONING  
protons from (n,pd)



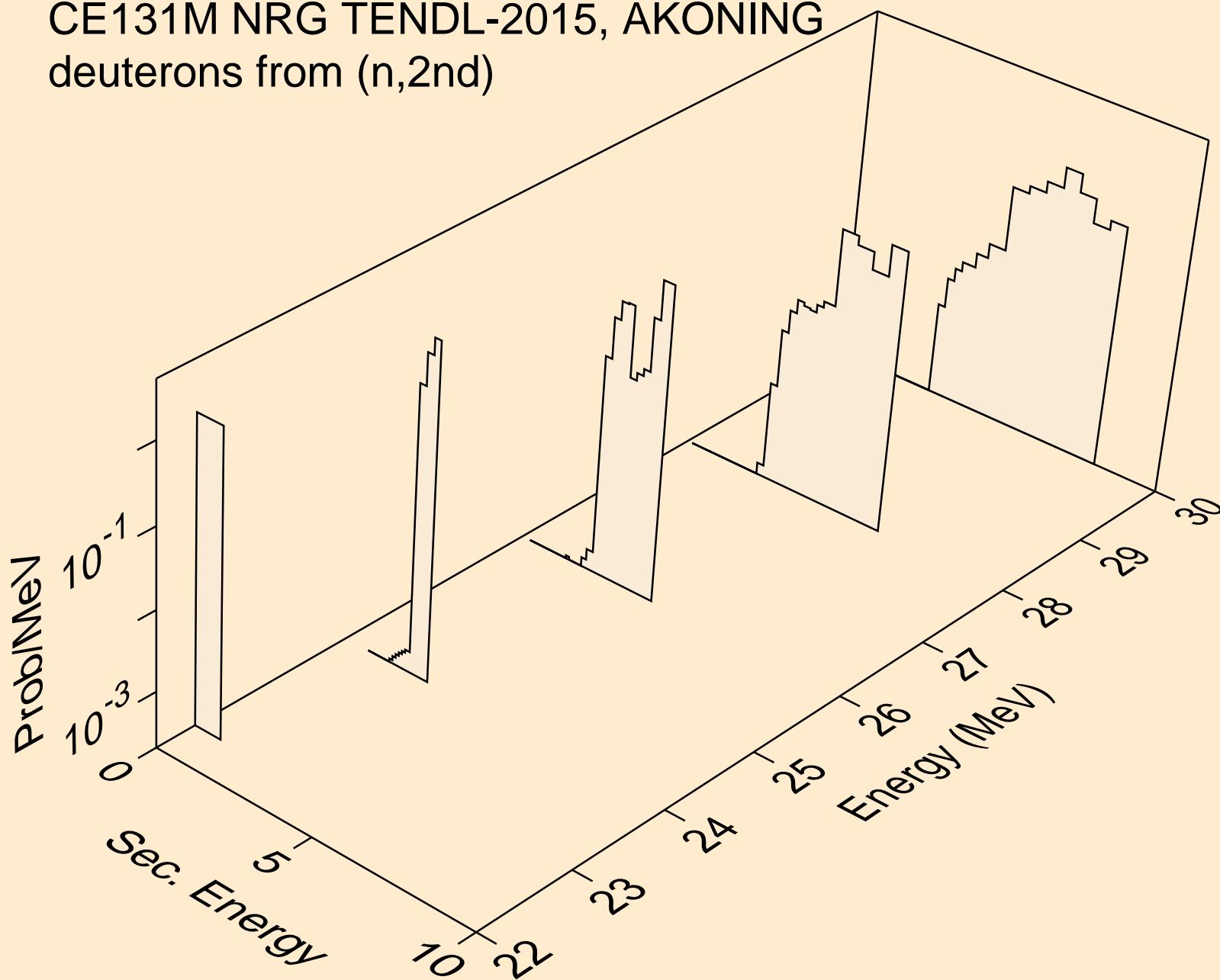
CE131M NRG TENDL-2015, AKONING  
protons from (n,pt)



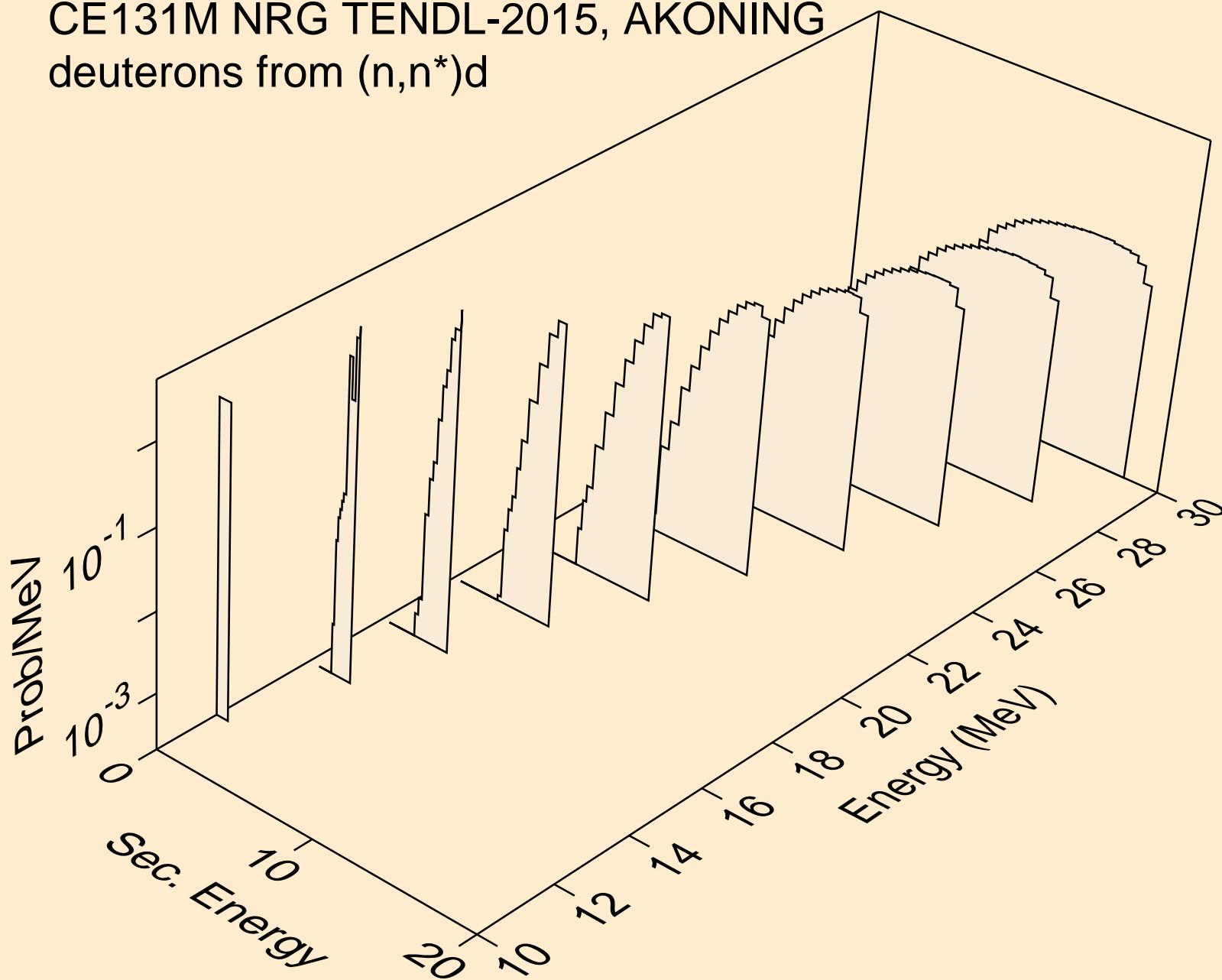
CE131M NRG TENDL-2015, AKONING  
deuterons from ( $n, x$ )



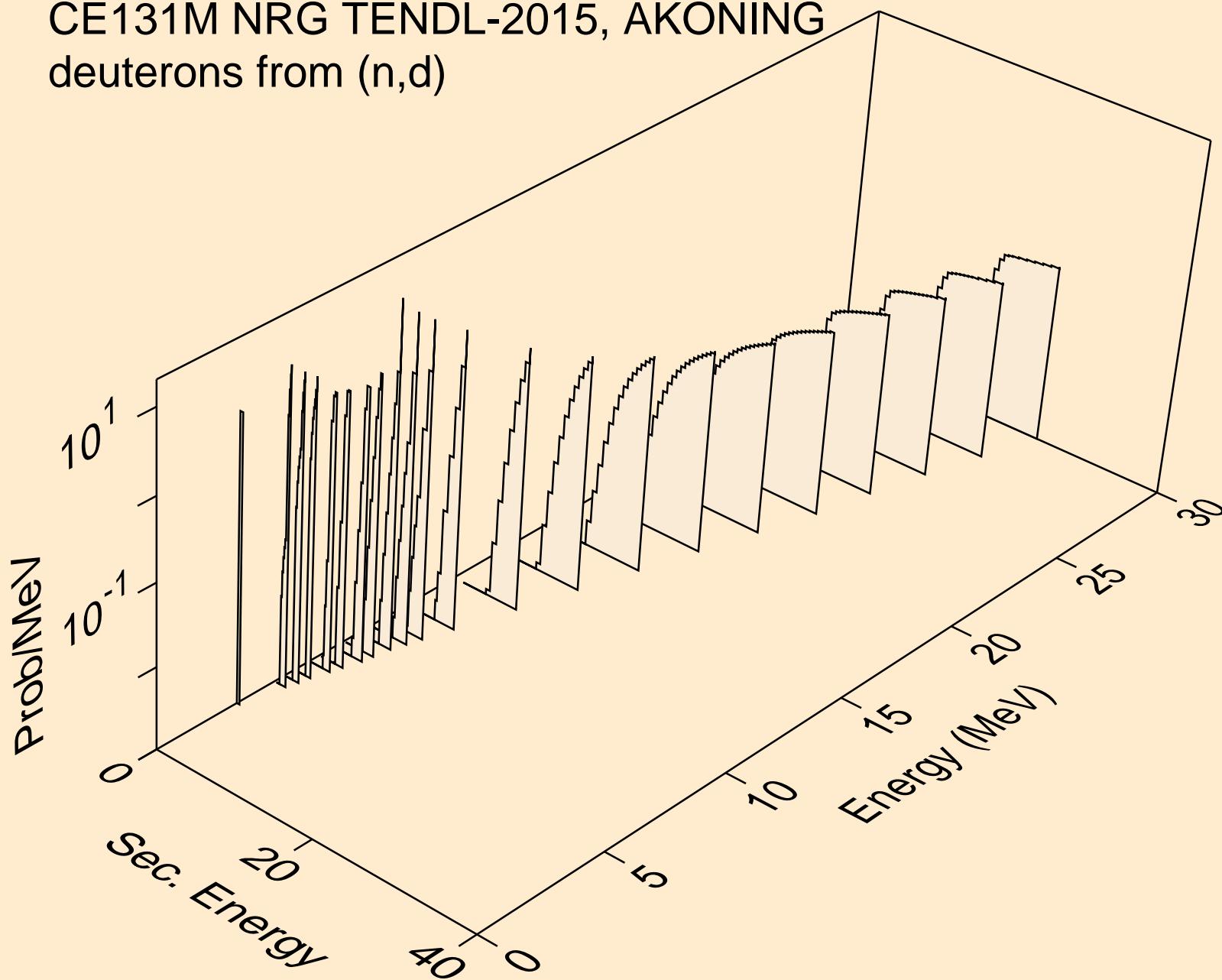
CE131M NRG TENDL-2015, AKONING  
deuterons from ( $n, 2nd$ )



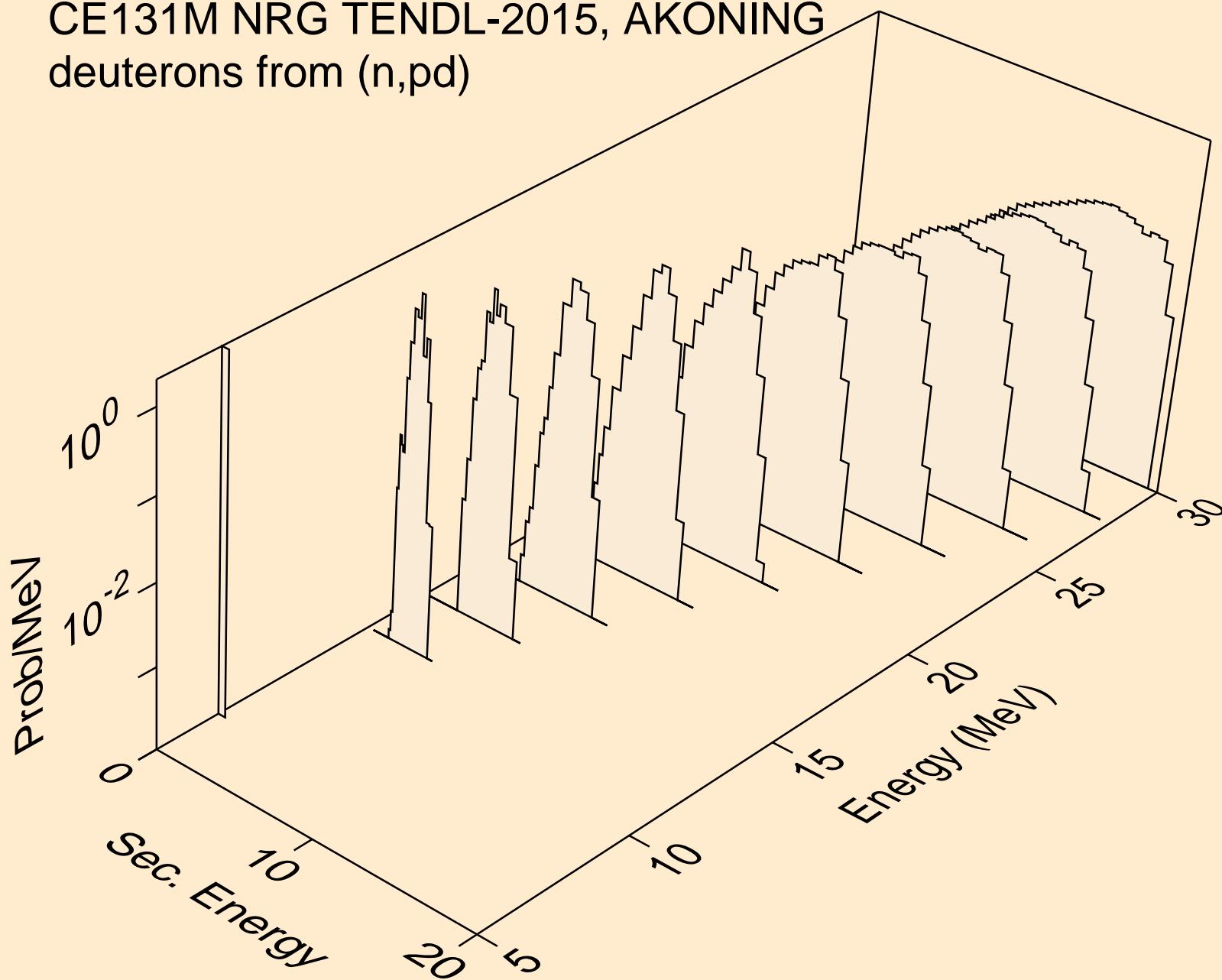
CE131M NRG TENDL-2015, AKONING  
deuterons from  $(n,n^*)d$



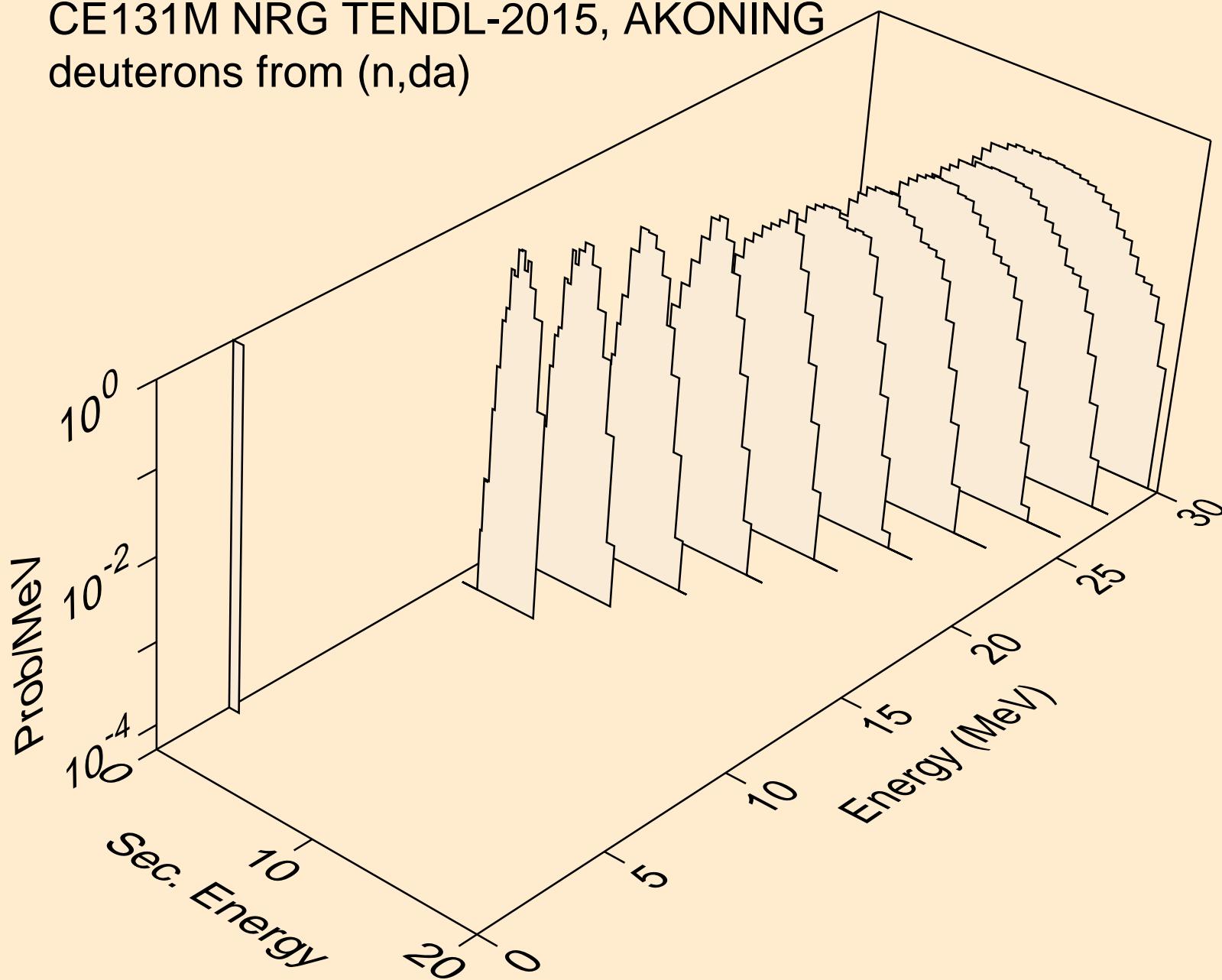
CE131M NRG TENDL-2015, AKONING  
deuterons from ( $n, d$ )



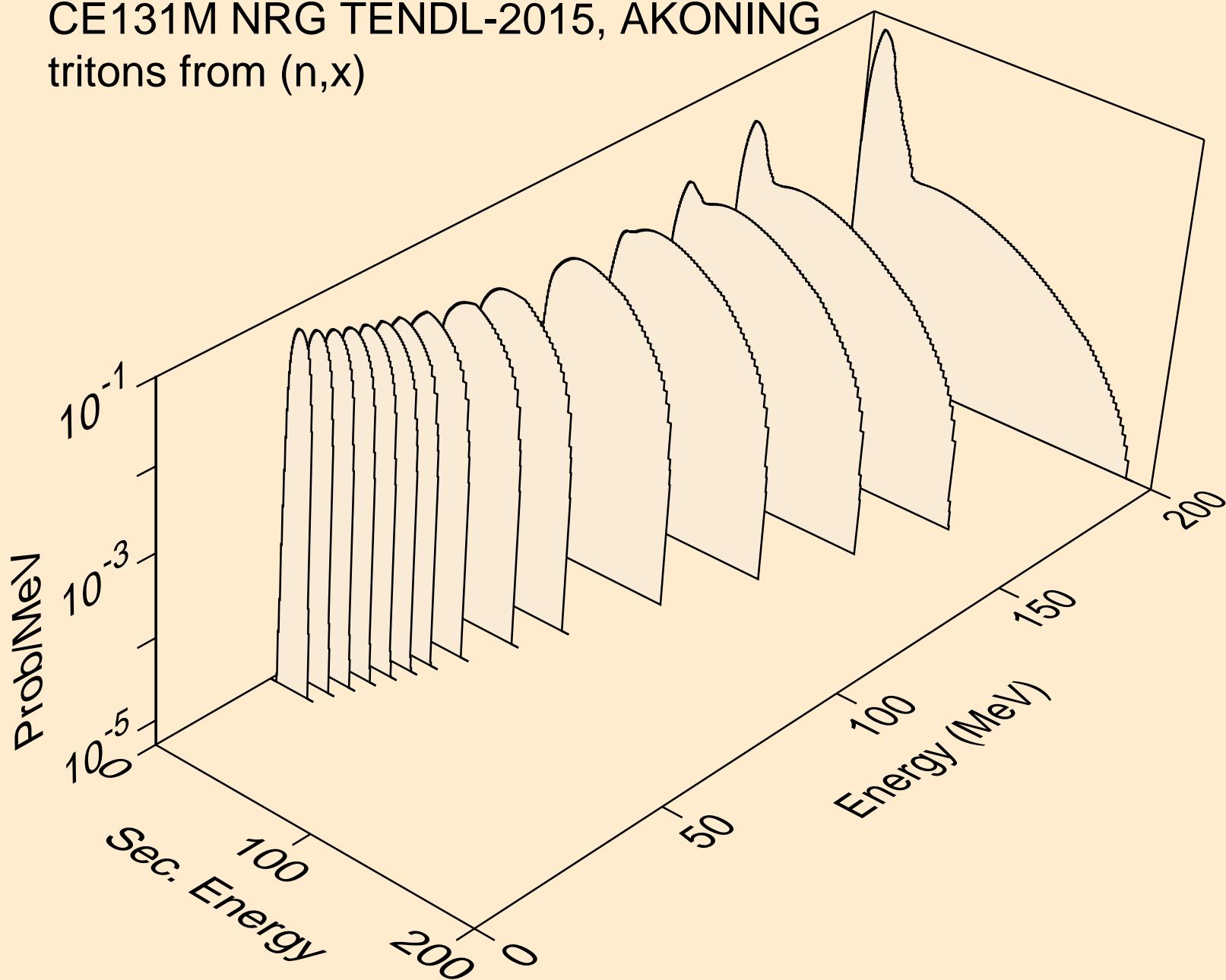
CE131M NRG TENDL-2015, AKONING  
deuterons from ( $n, pd$ )



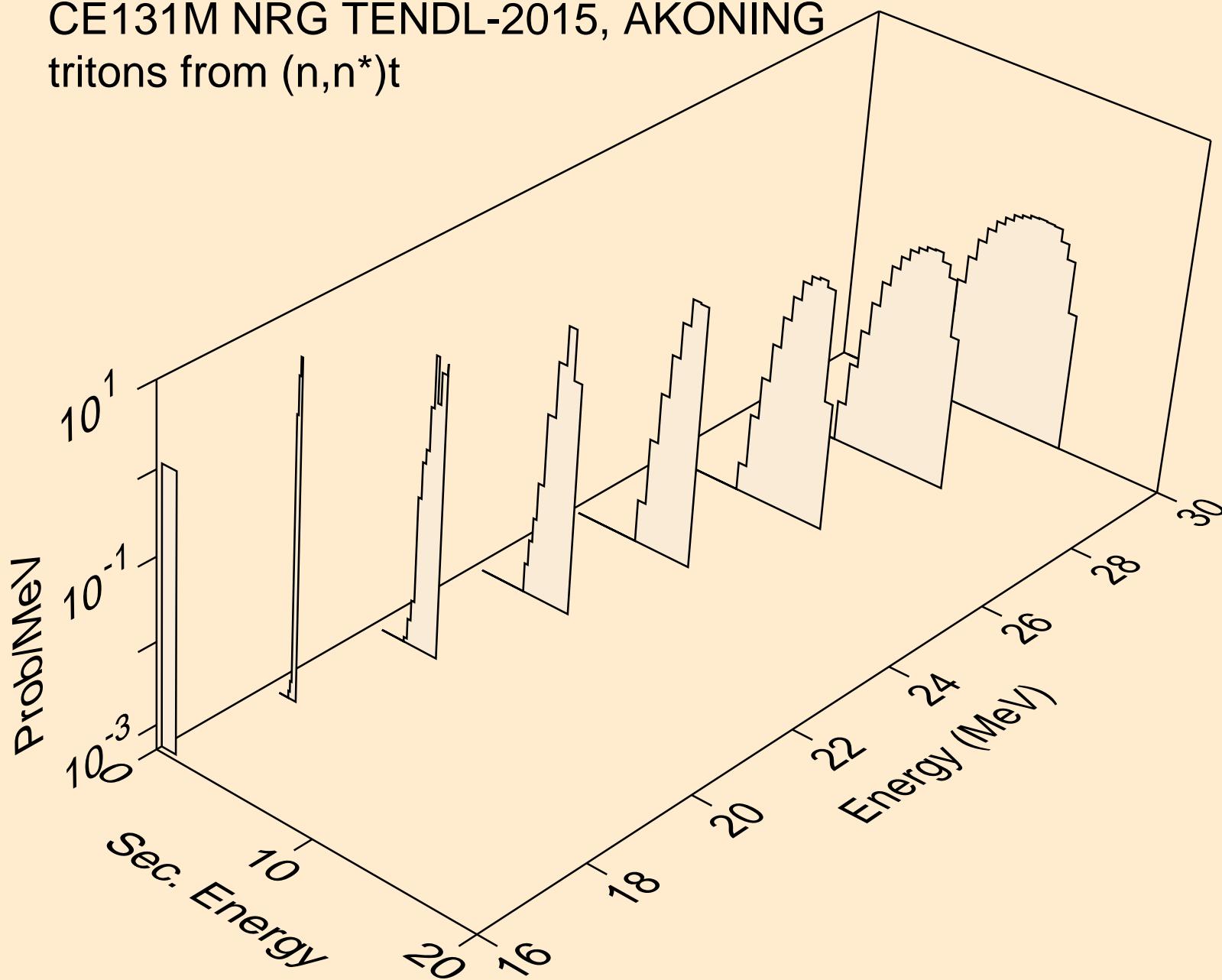
CE131M NRG TENDL-2015, AKONING  
deuterons from (n,da)



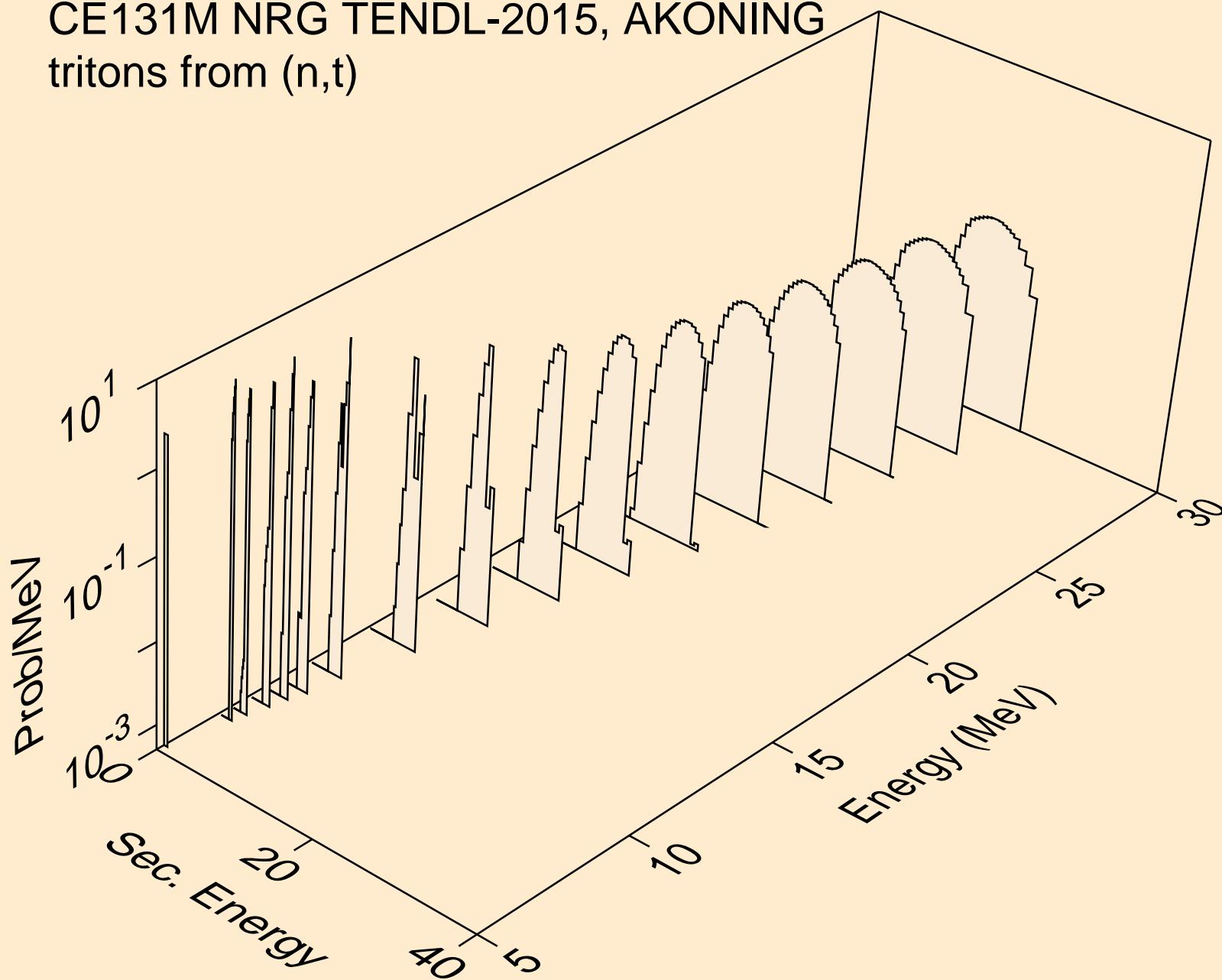
CE131M NRG TENDL-2015, AKONING  
tritons from ( $n,x$ )



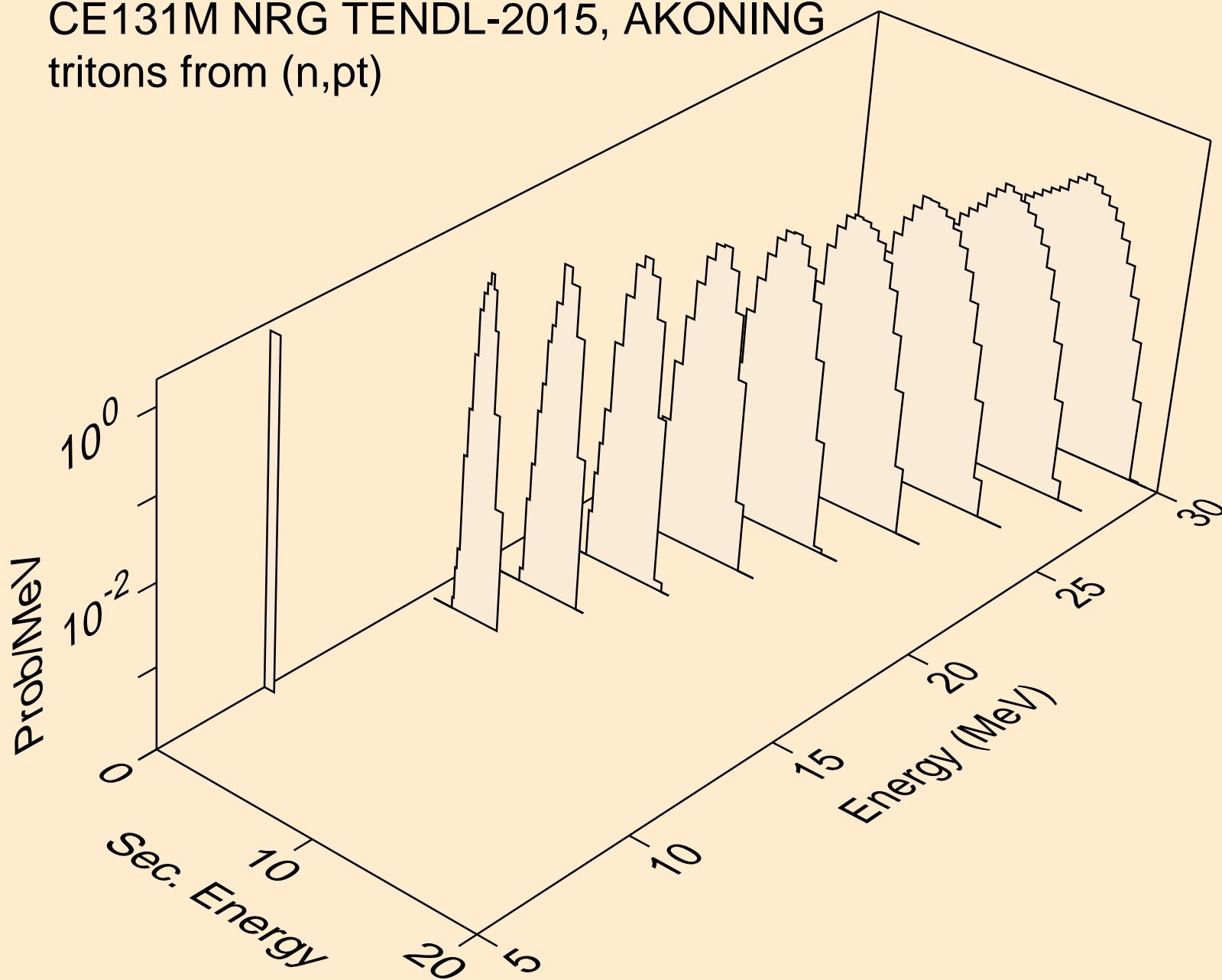
CE131M NRG TENDL-2015, AKONING  
tritons from  $(n,n^*)t$



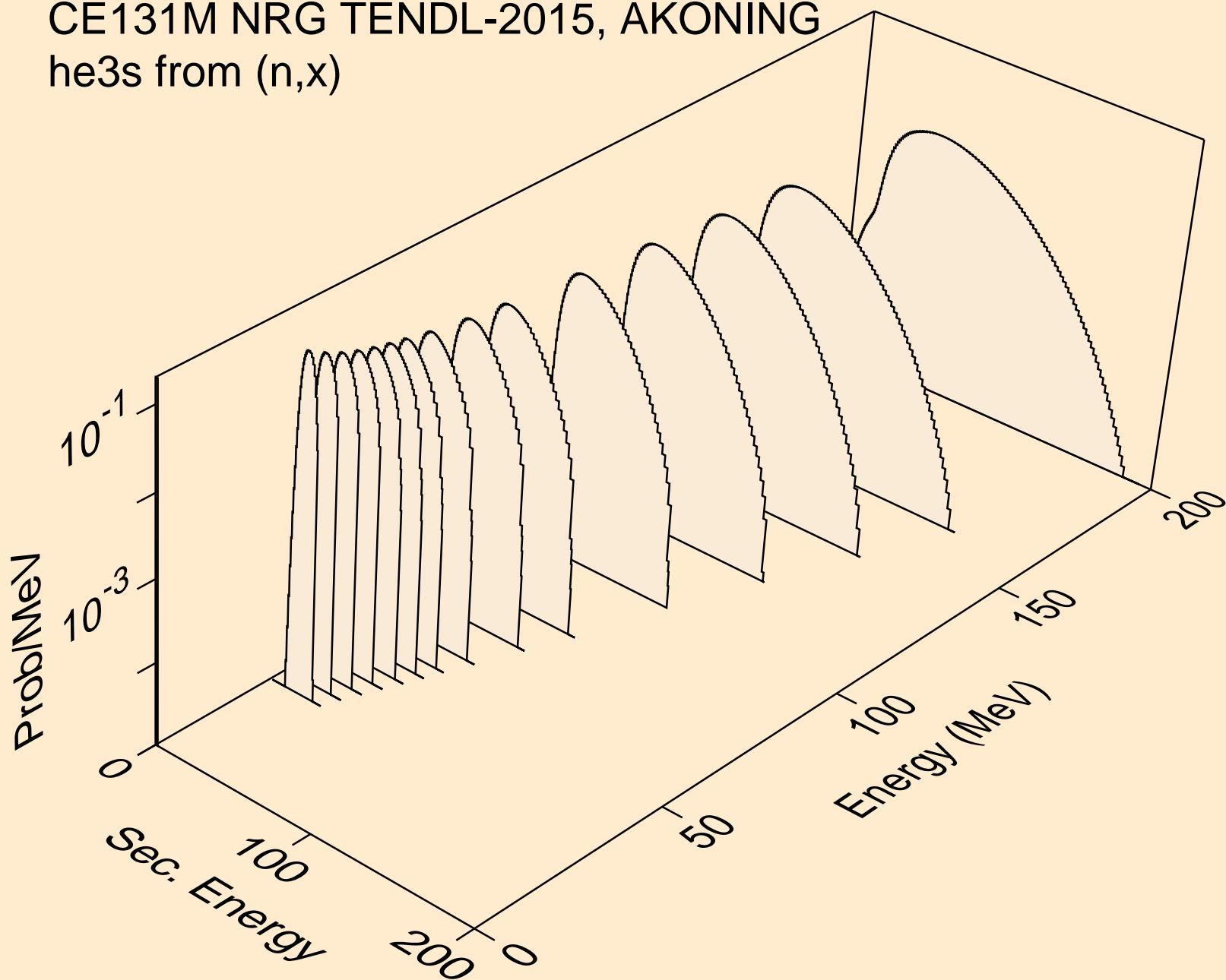
CE131M NRG TENDL-2015, AKONING  
tritons from (n,t)



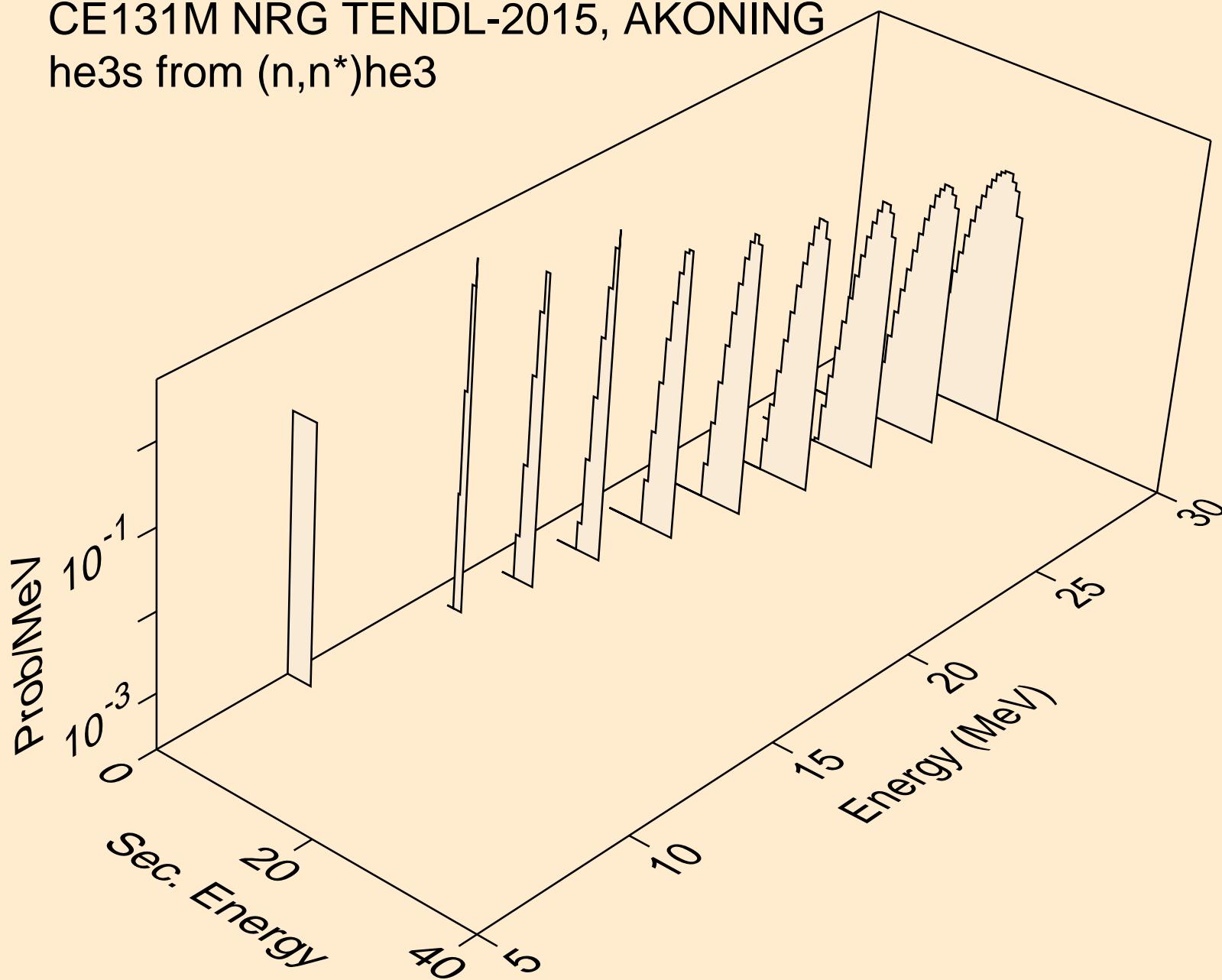
CE131M NRG TENDL-2015, AKONING  
tritons from (n,pt)



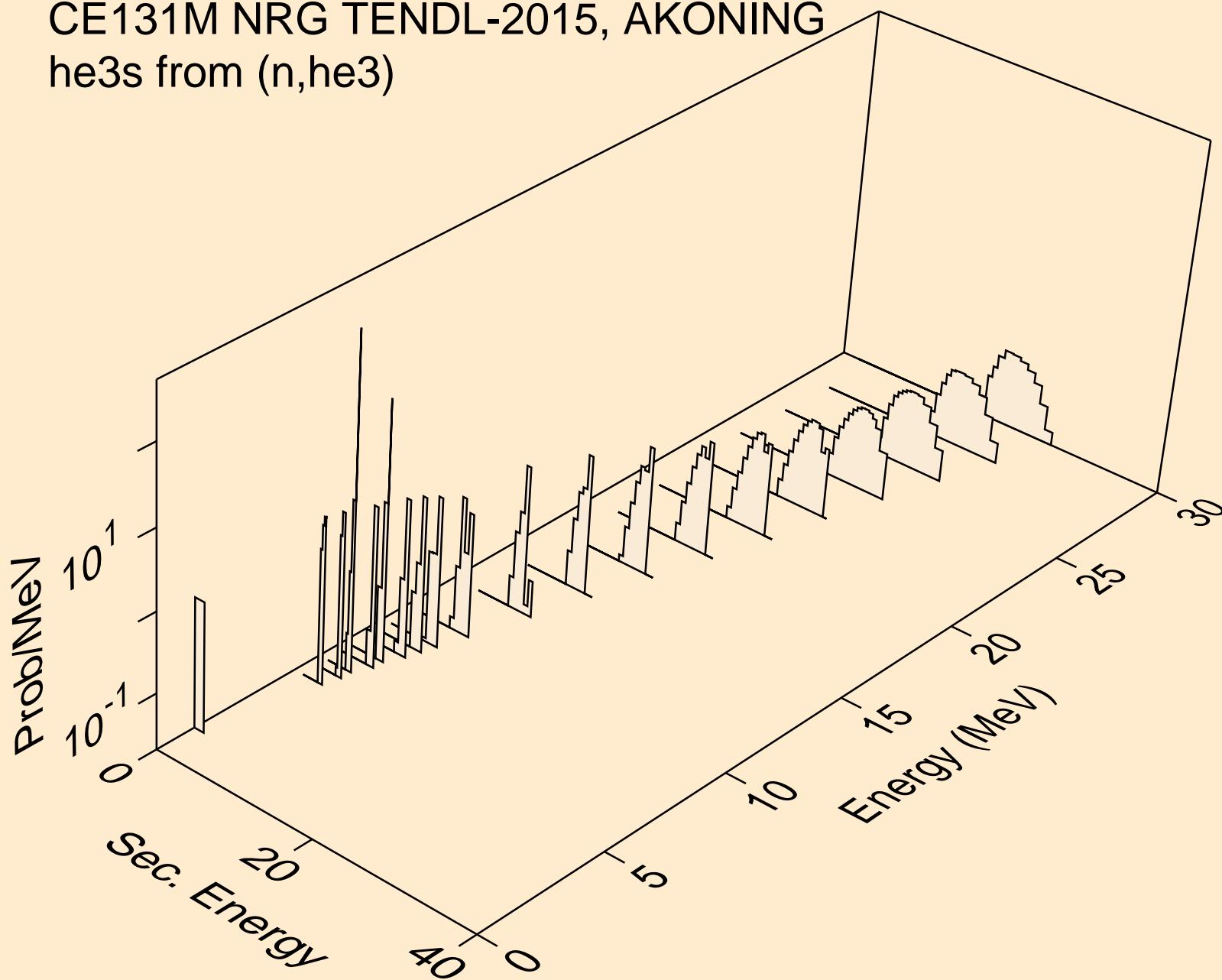
CE131M NRG TENDL-2015, AKONING  
he3s from (n,x)



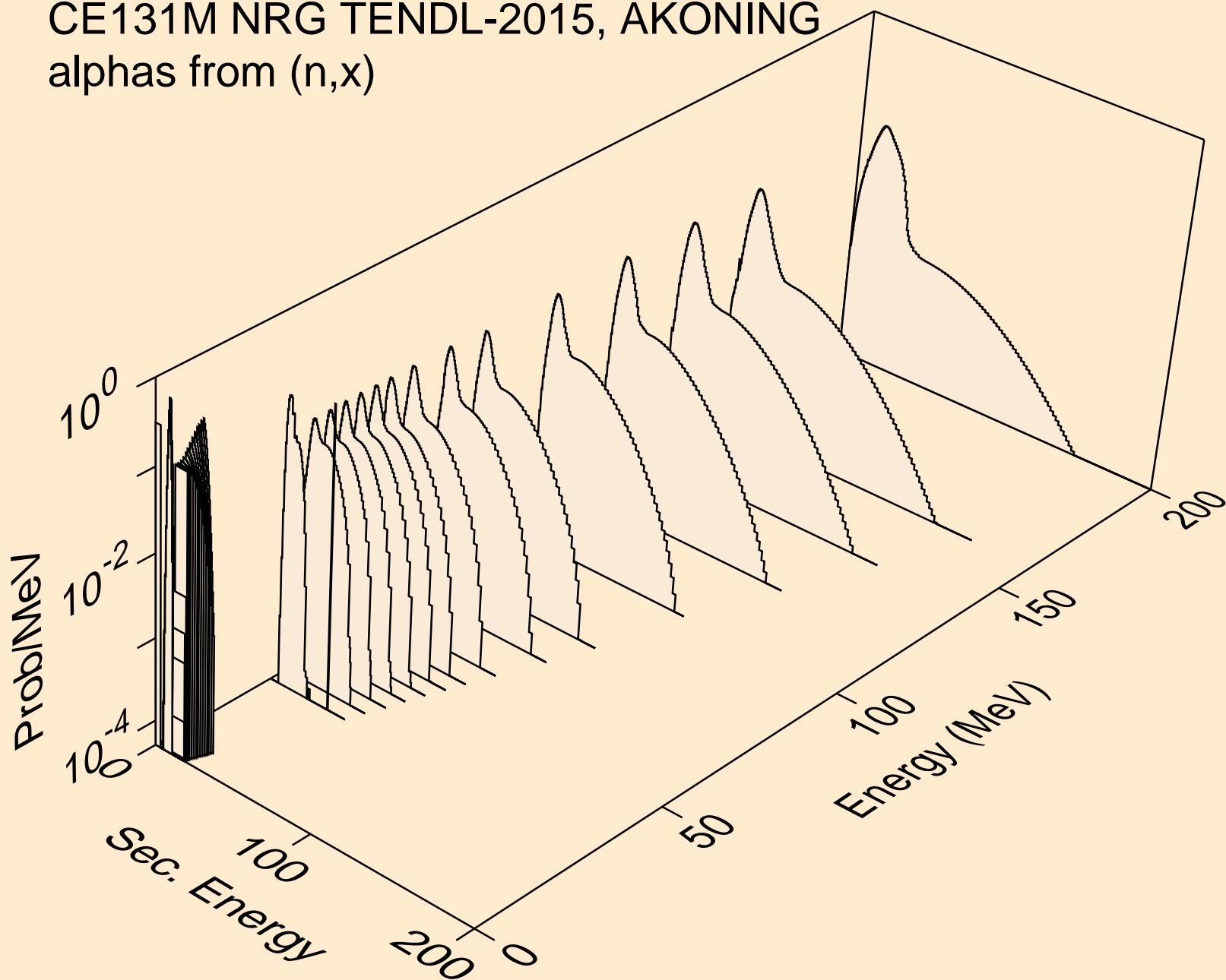
CE131M NRG TENDL-2015, AKONING  
he3s from  $(n,n^*)\text{he3}$



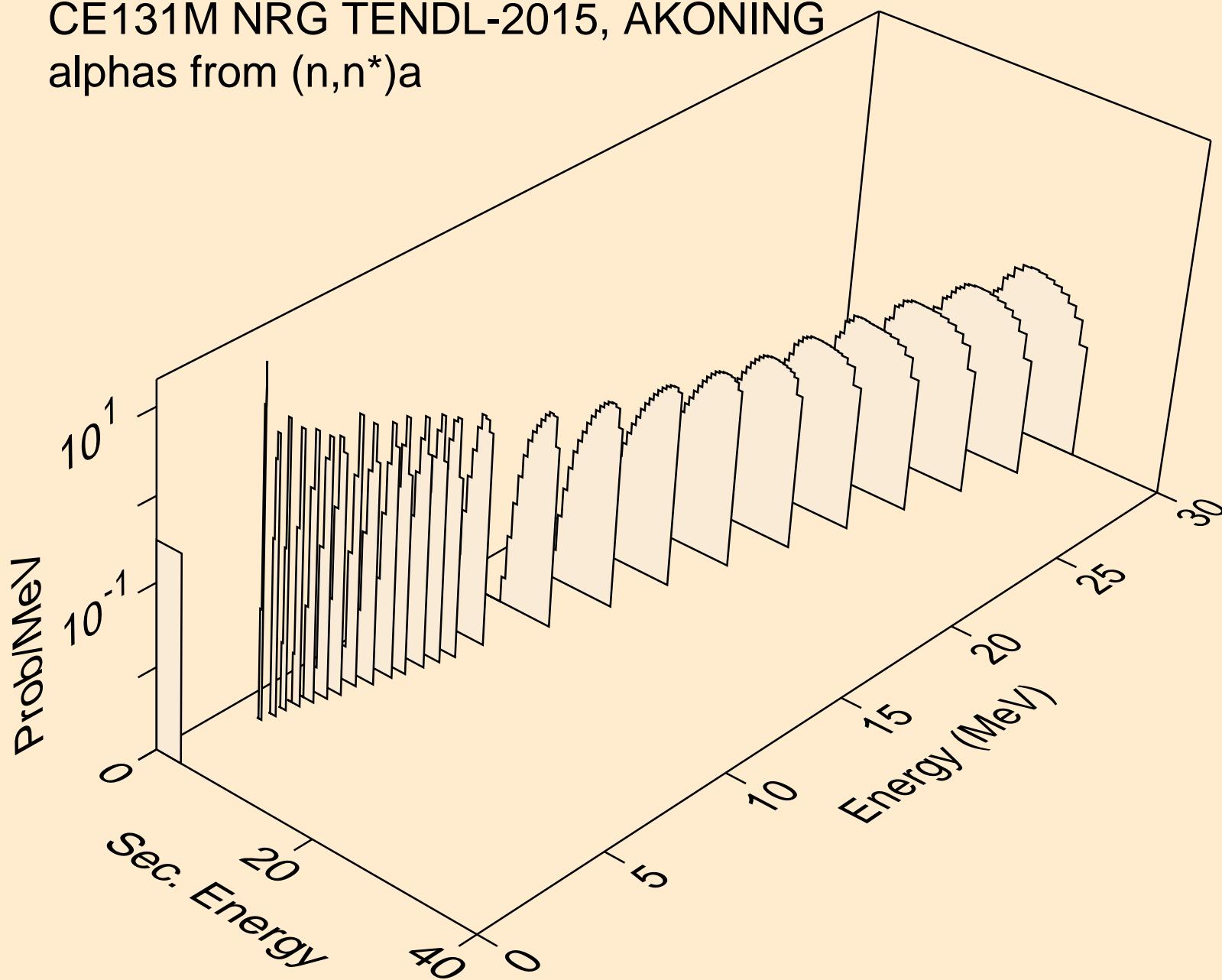
CE131M NRG TENDL-2015, AKONING  
he3s from (n,he3)



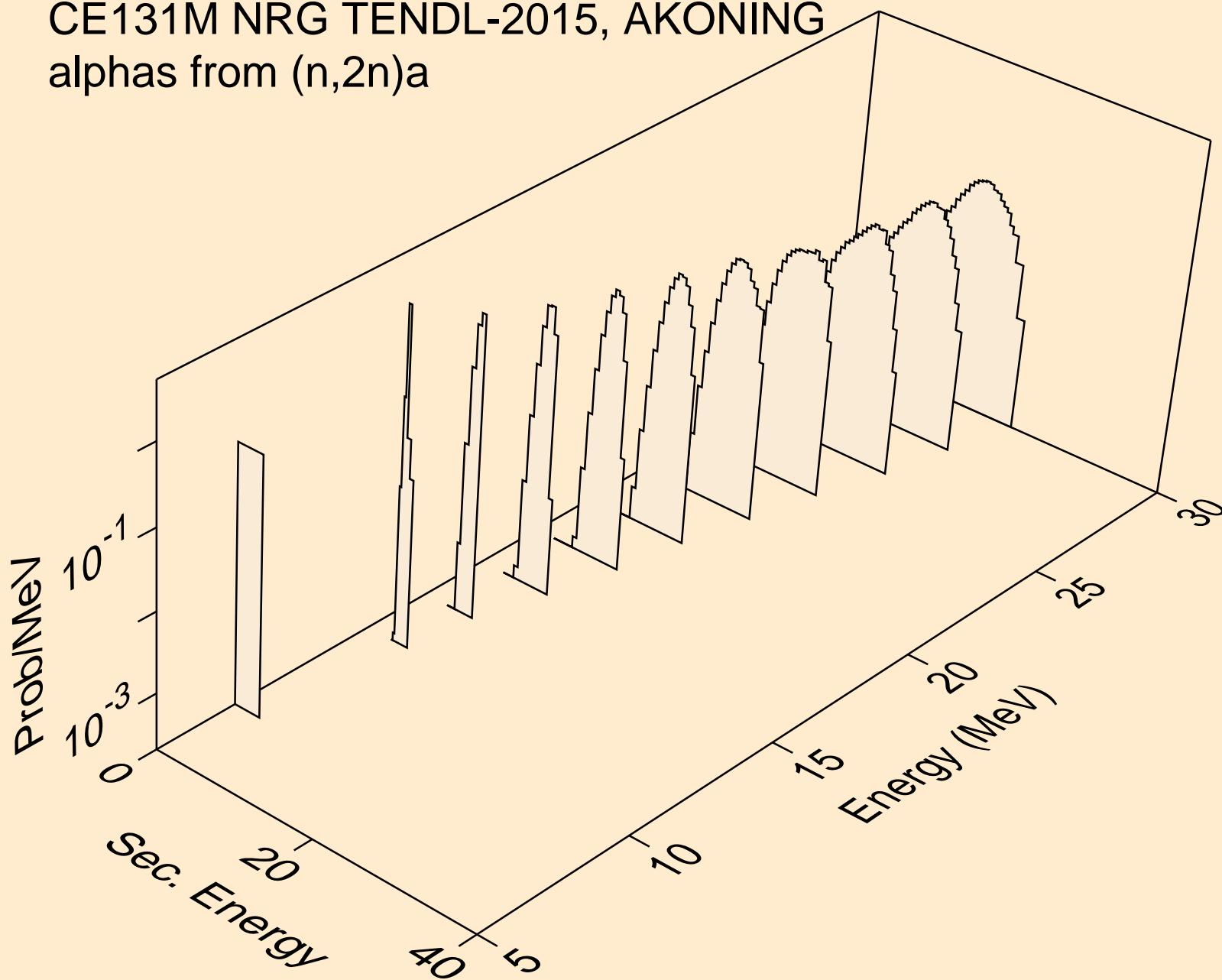
CE131M NRG TENDL-2015, AKONING  
alphas from (n,x)



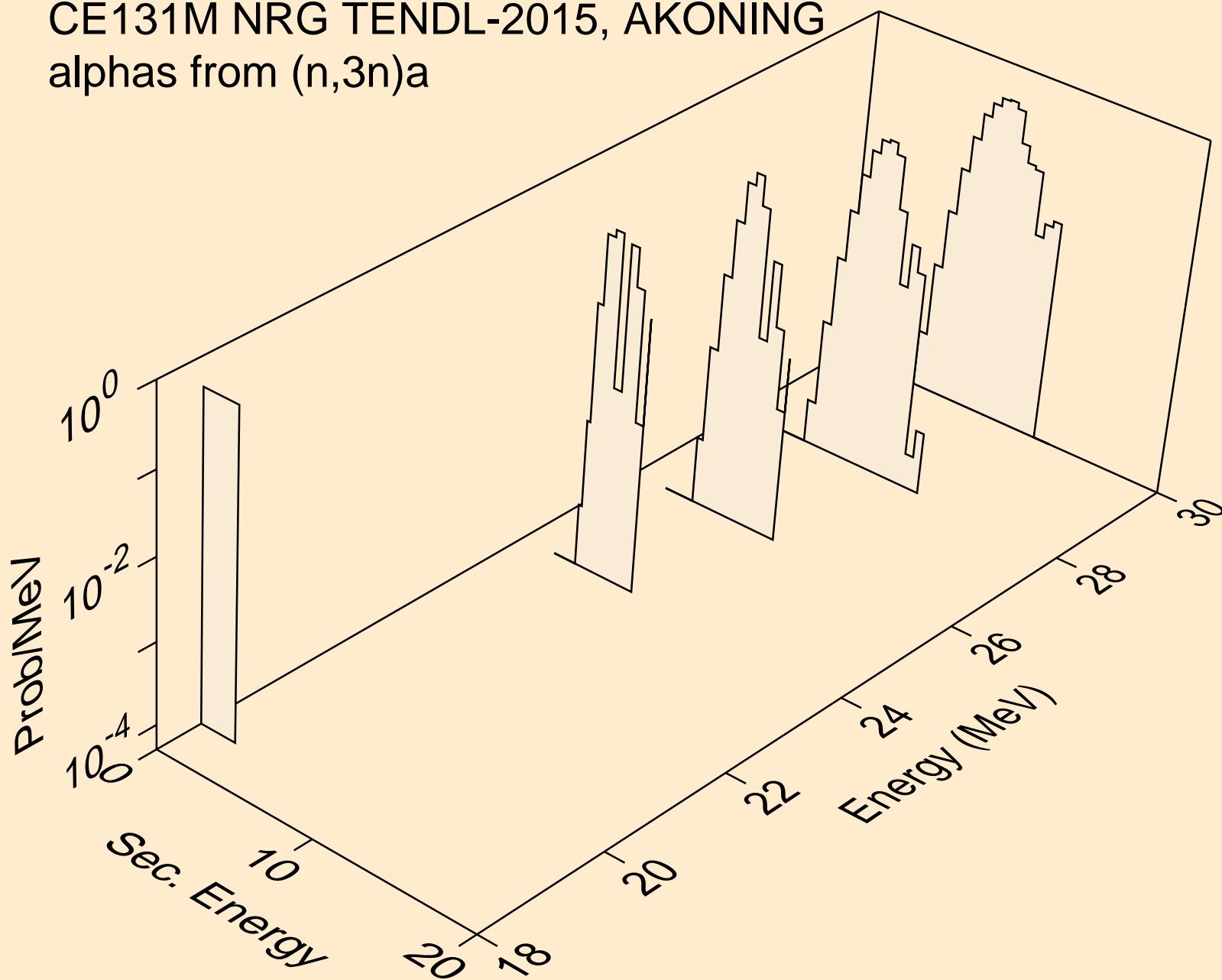
CE131M NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)a$



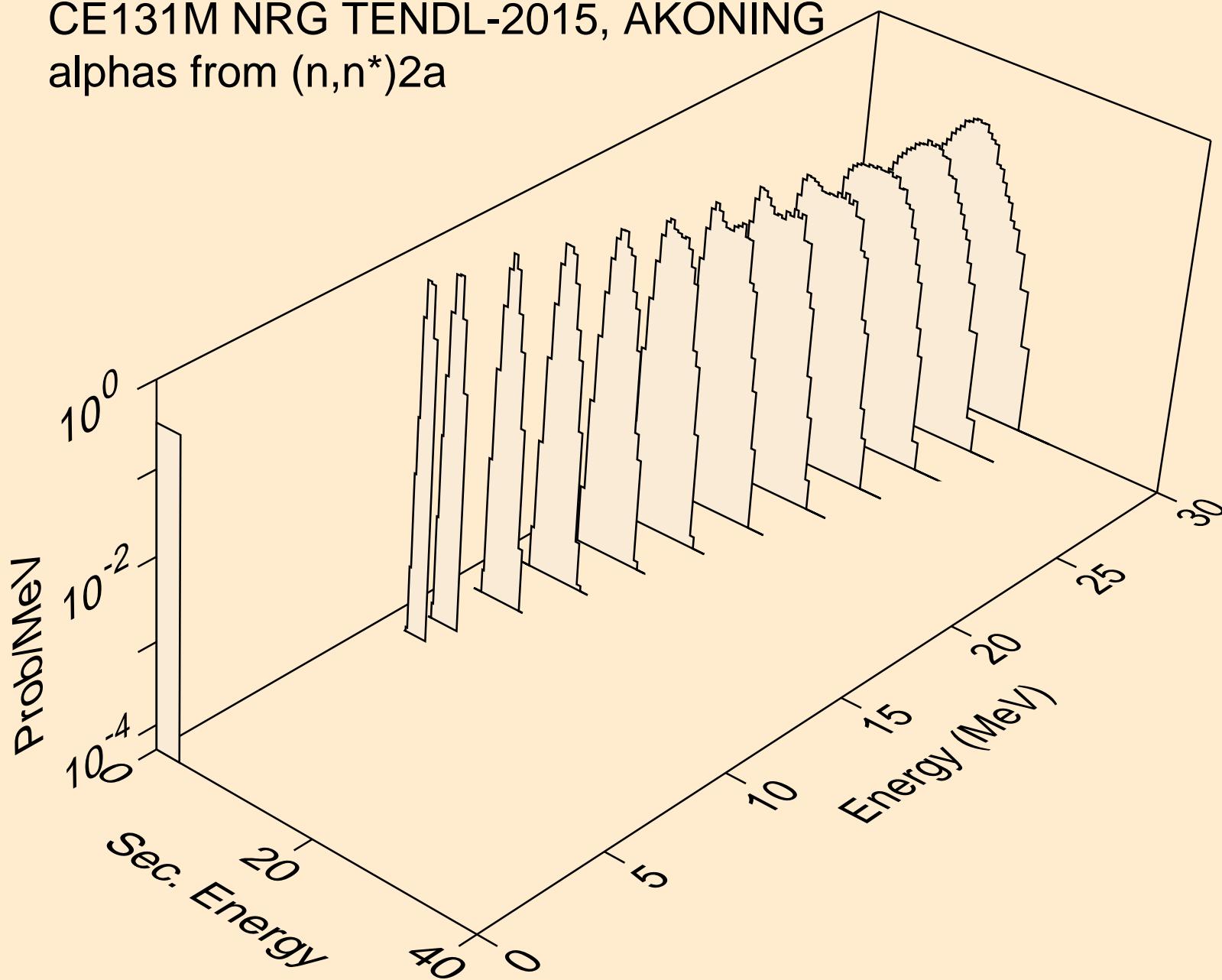
CE131M NRG TENDL-2015, AKONING  
alphas from ( $n,2n$ )a



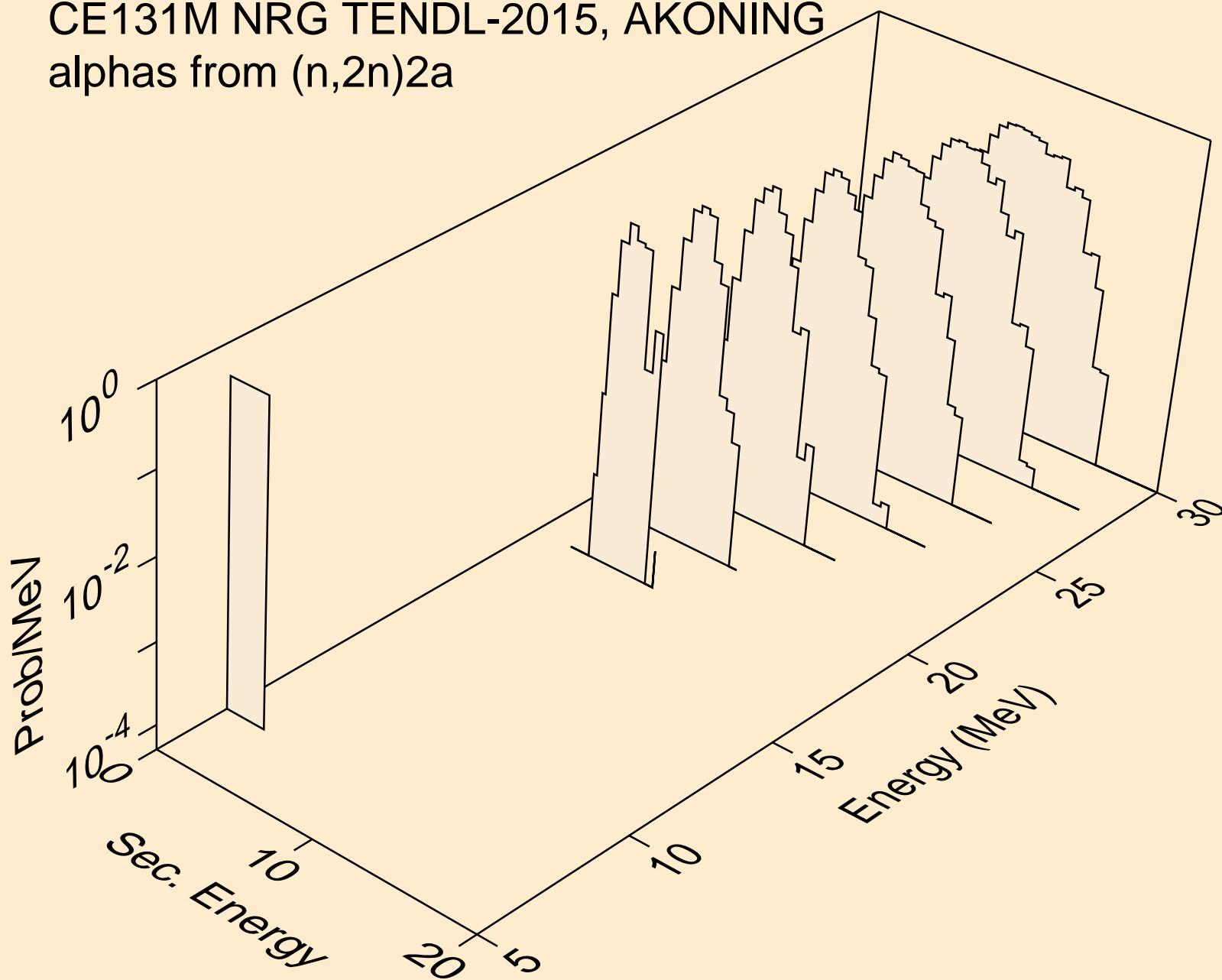
CE131M NRG TENDL-2015, AKONING  
alphas from  $(n,3n)a$



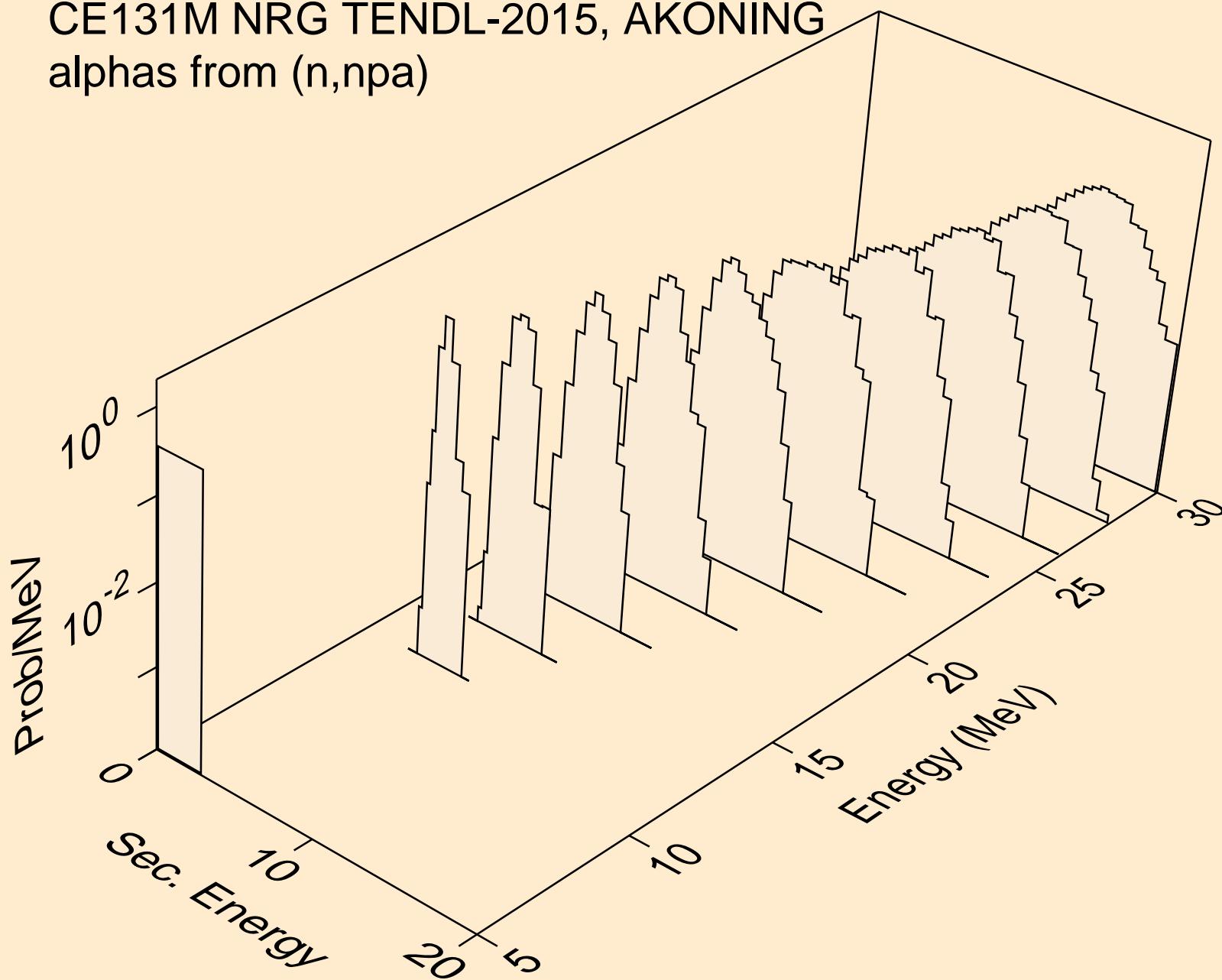
CE131M NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)2a$



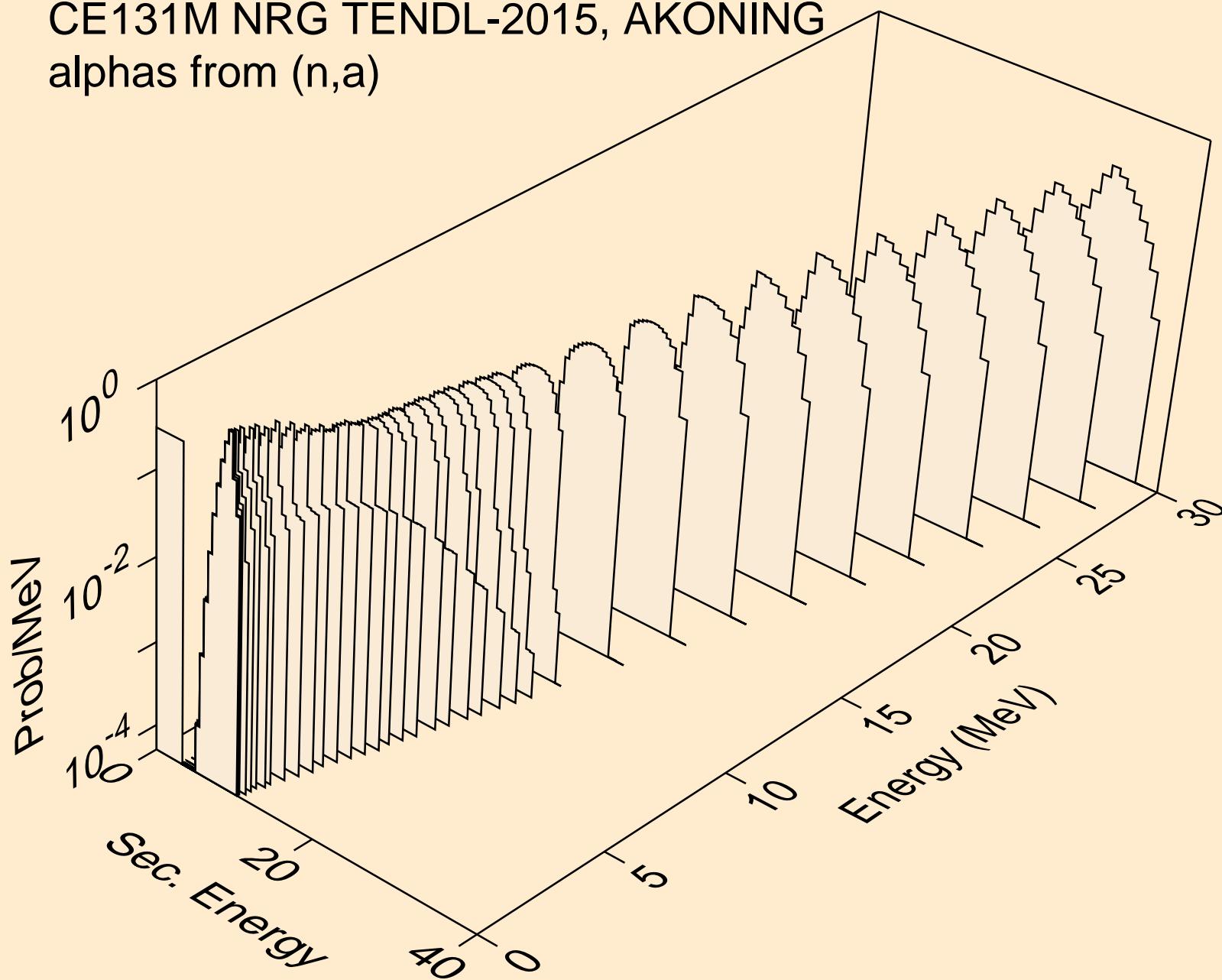
CE131M NRG TENDL-2015, AKONING  
alphas from  $(n,2n)2a$



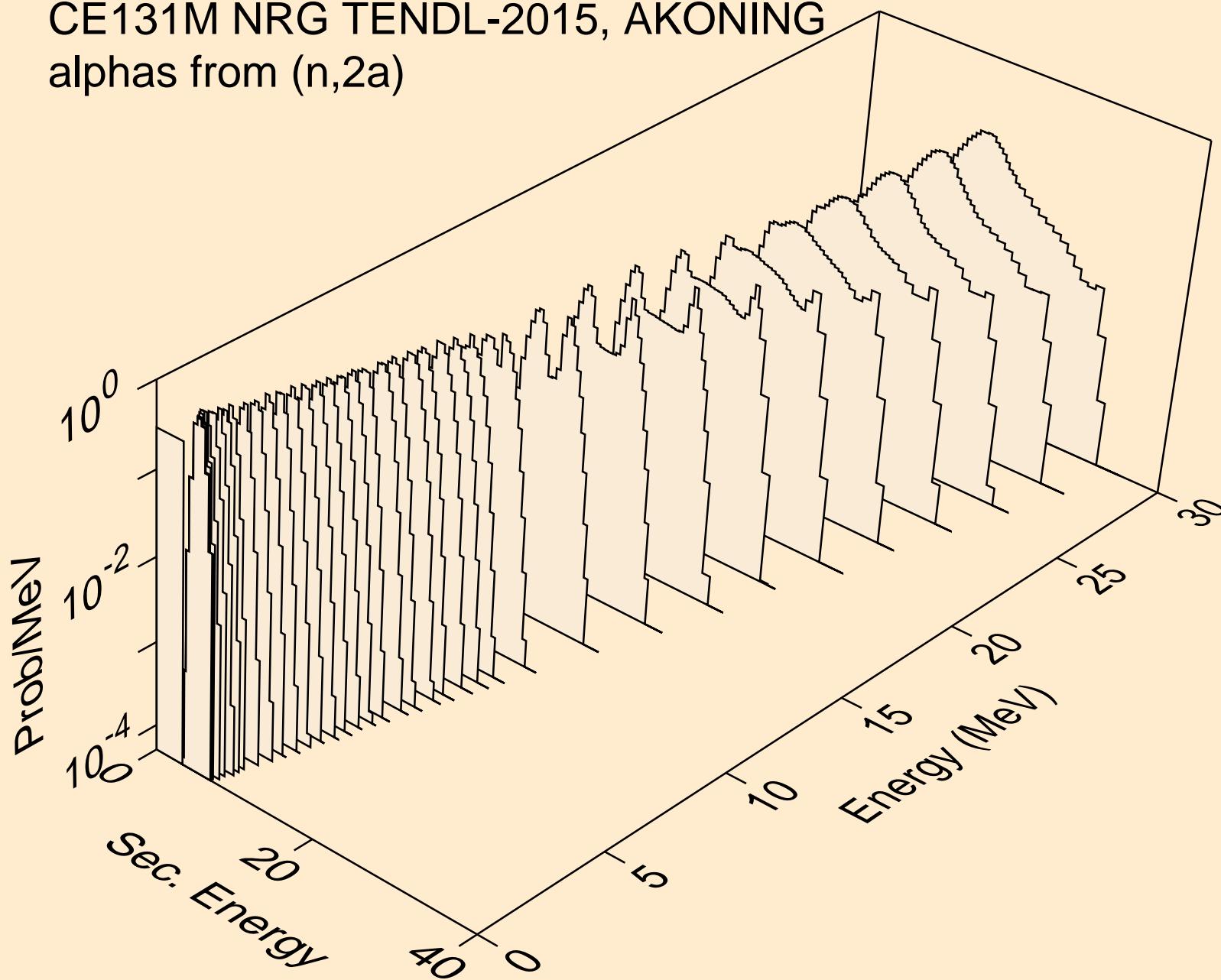
CE131M NRG TENDL-2015, AKONING  
alphas from (n,npa)



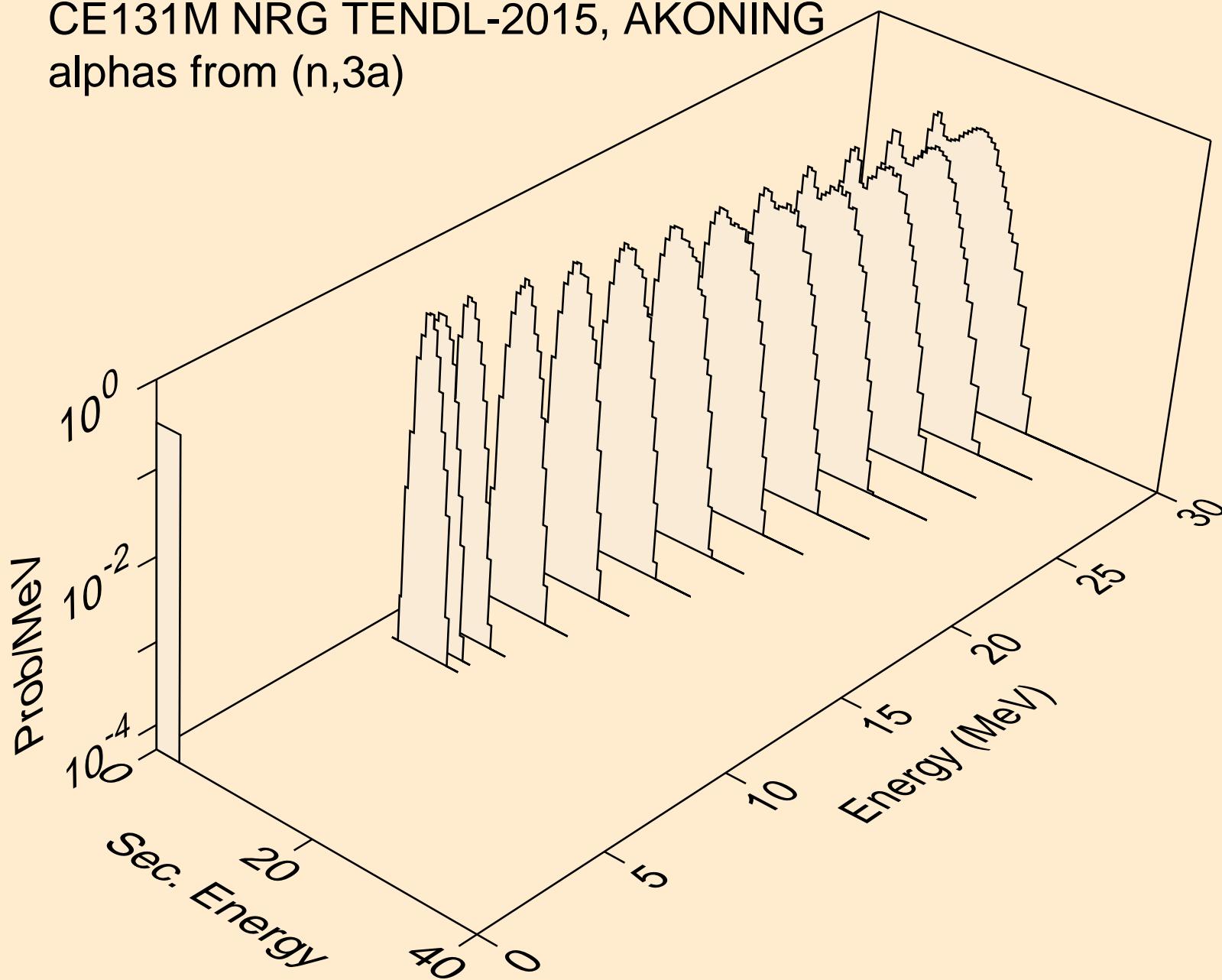
CE131M NRG TENDL-2015, AKONING  
alphas from (n,a)



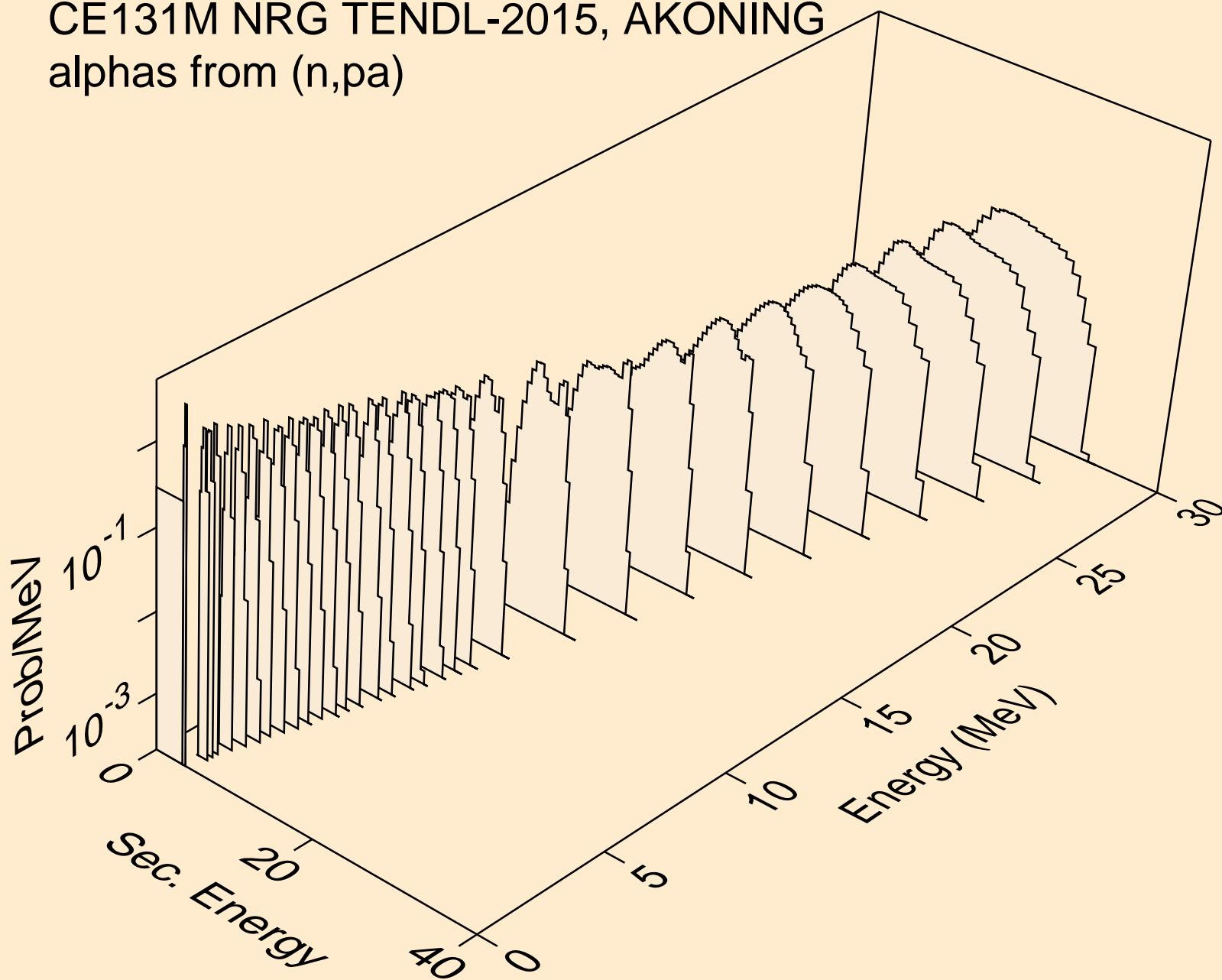
CE131M NRG TENDL-2015, AKONING  
alphas from (n,2a)



CE131M NRG TENDL-2015, AKONING  
alphas from (n,3a)



CE131M NRG TENDL-2015, AKONING  
alphas from (n,pa)



CE131M NRG TENDL-2015, AKONING  
alphas from (n,da)

