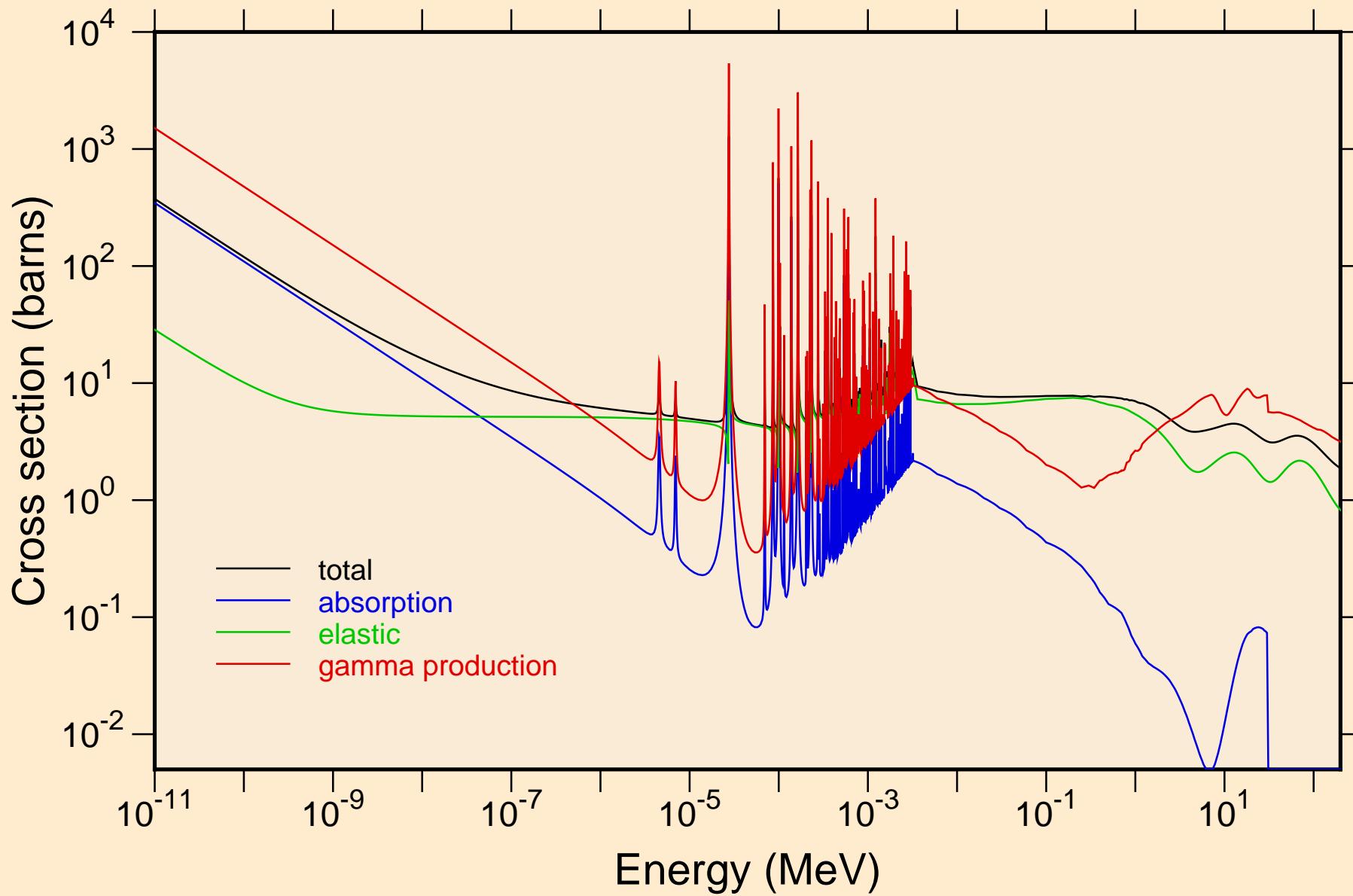
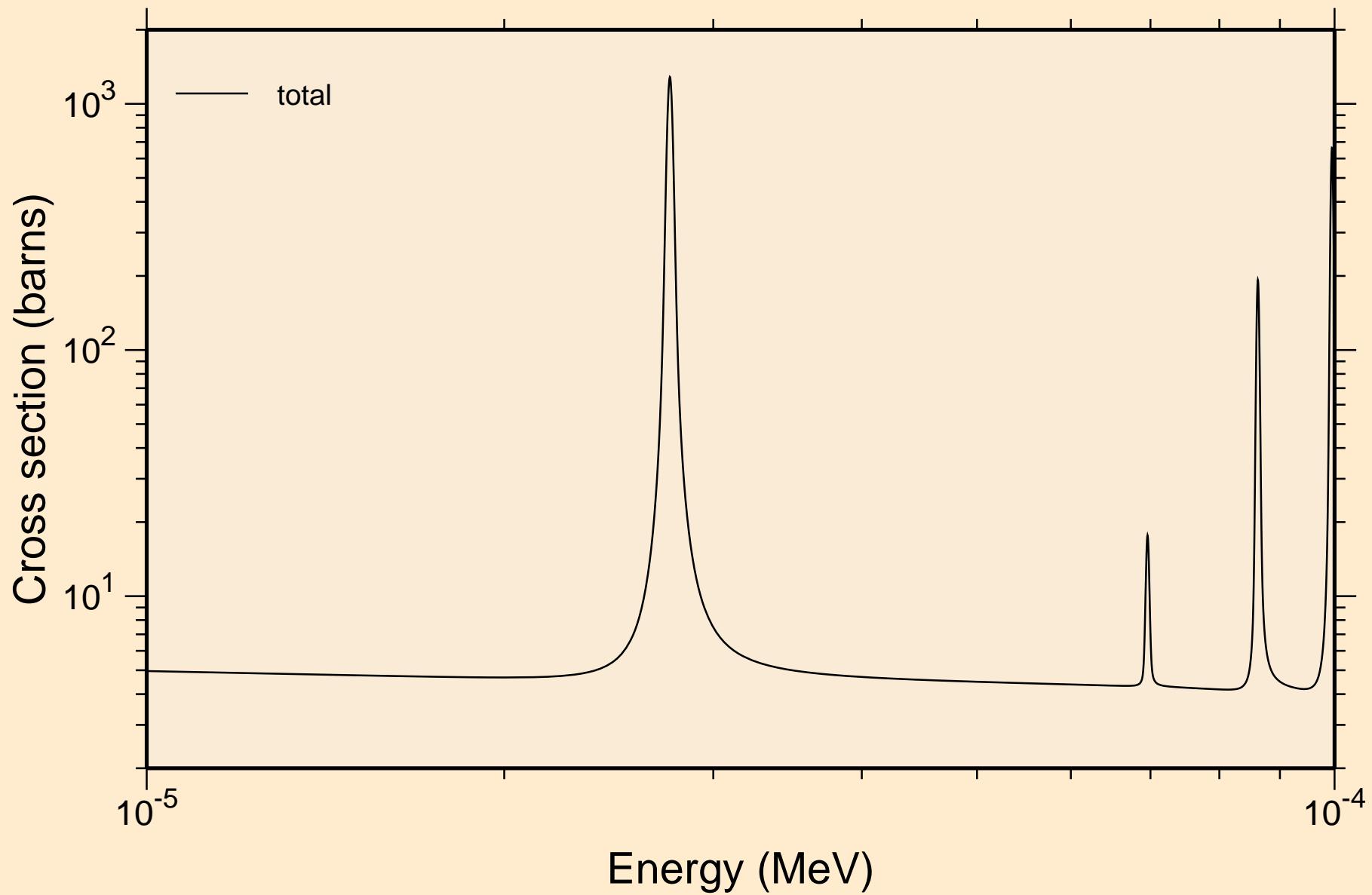


# CD111 NRG TENDL-2015, AKONING

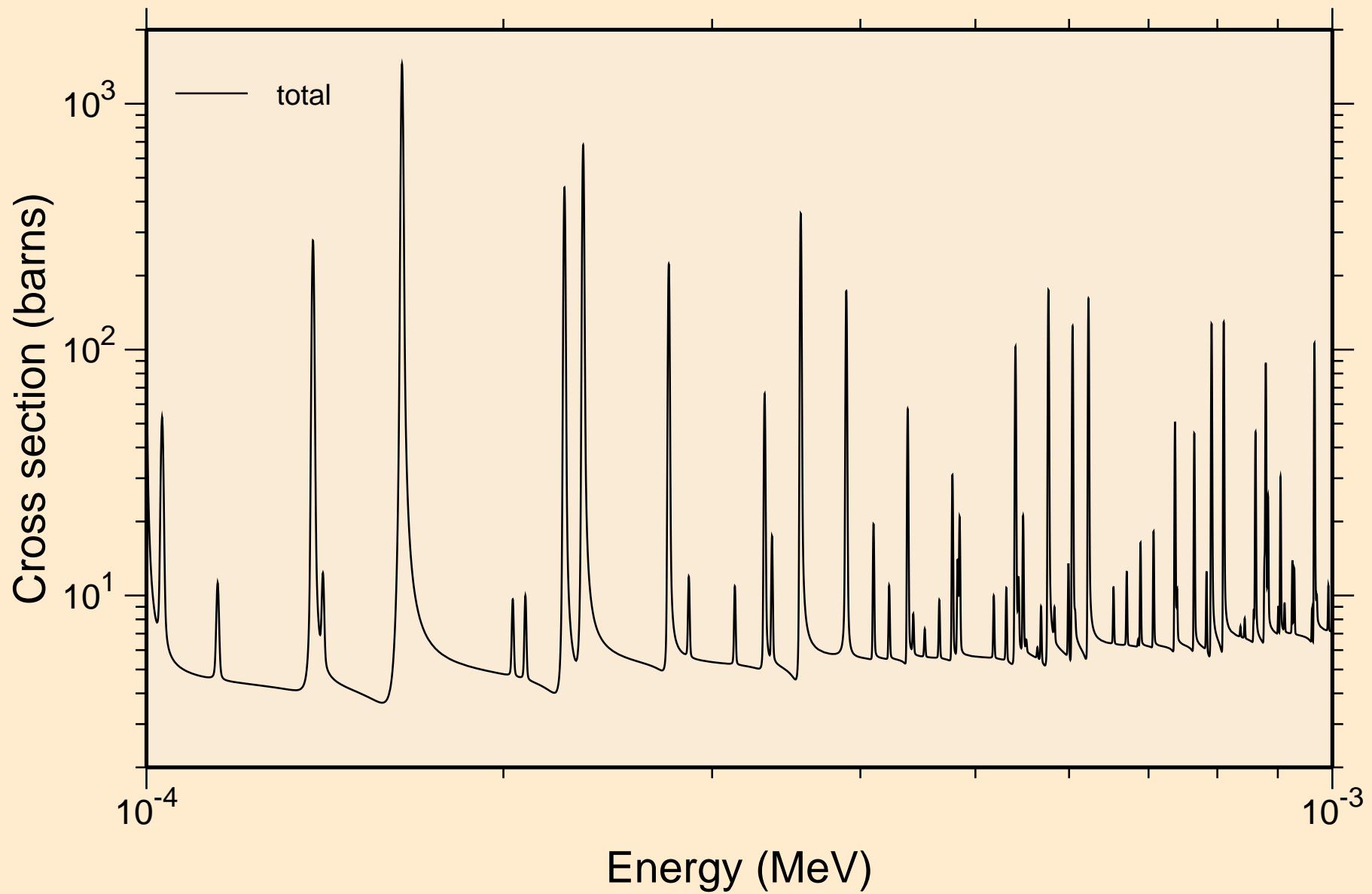
## Principal cross sections



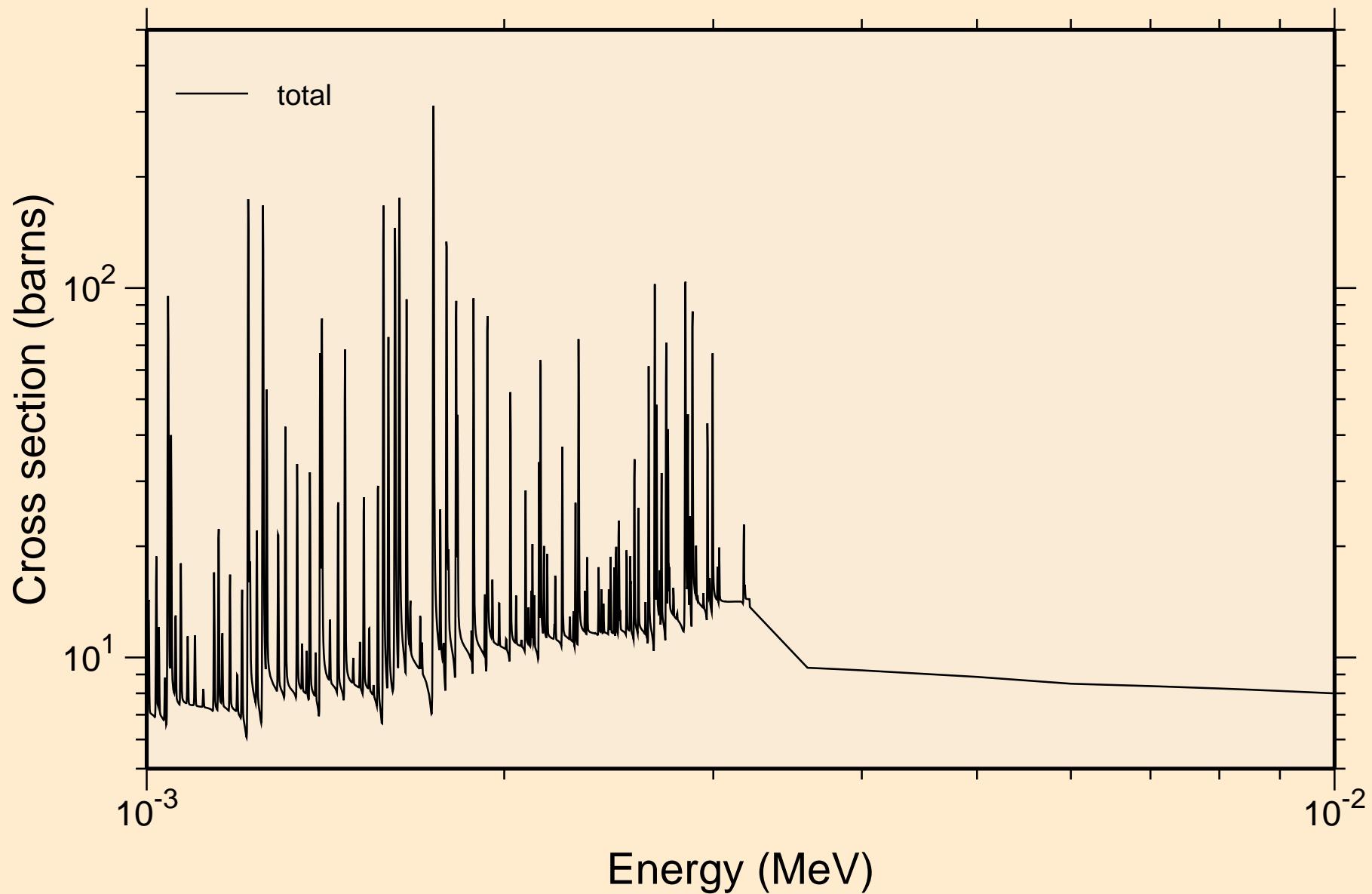
CD111 NRG TENDL-2015, AKONING  
resonance total cross section



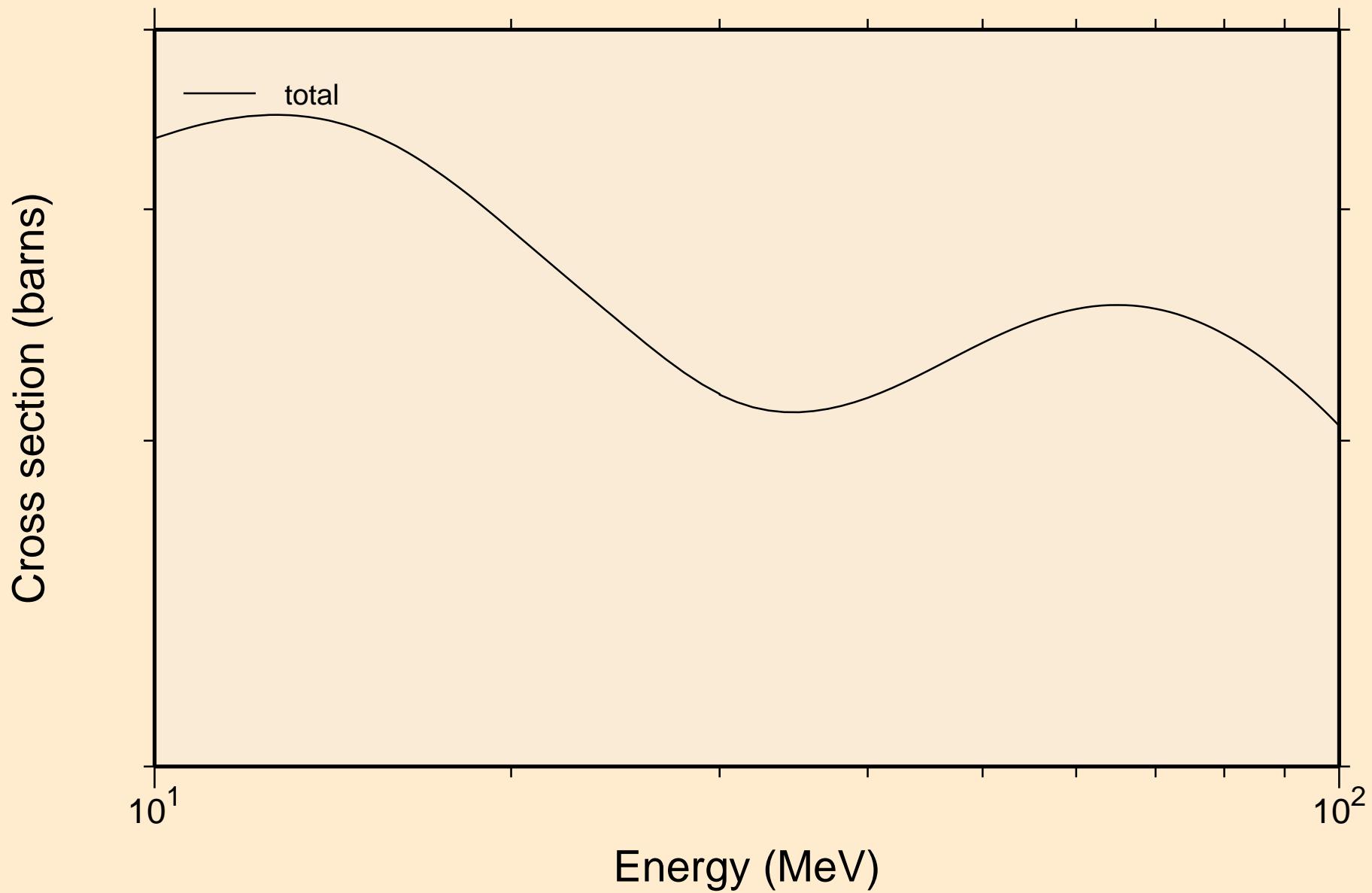
CD111 NRG TENDL-2015, AKONING  
resonance total cross section



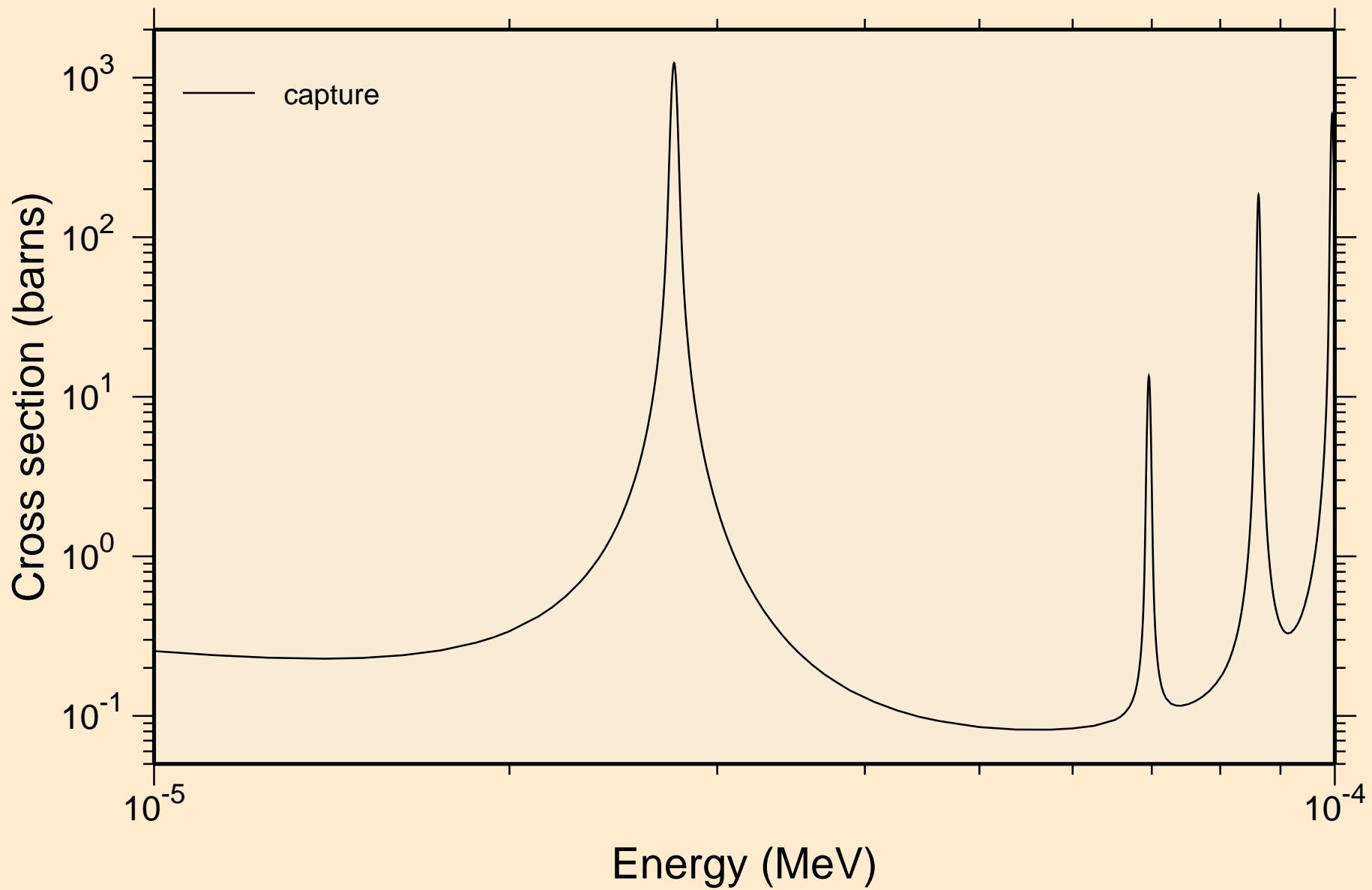
CD111 NRG TENDL-2015, AKONING  
resonance total cross section



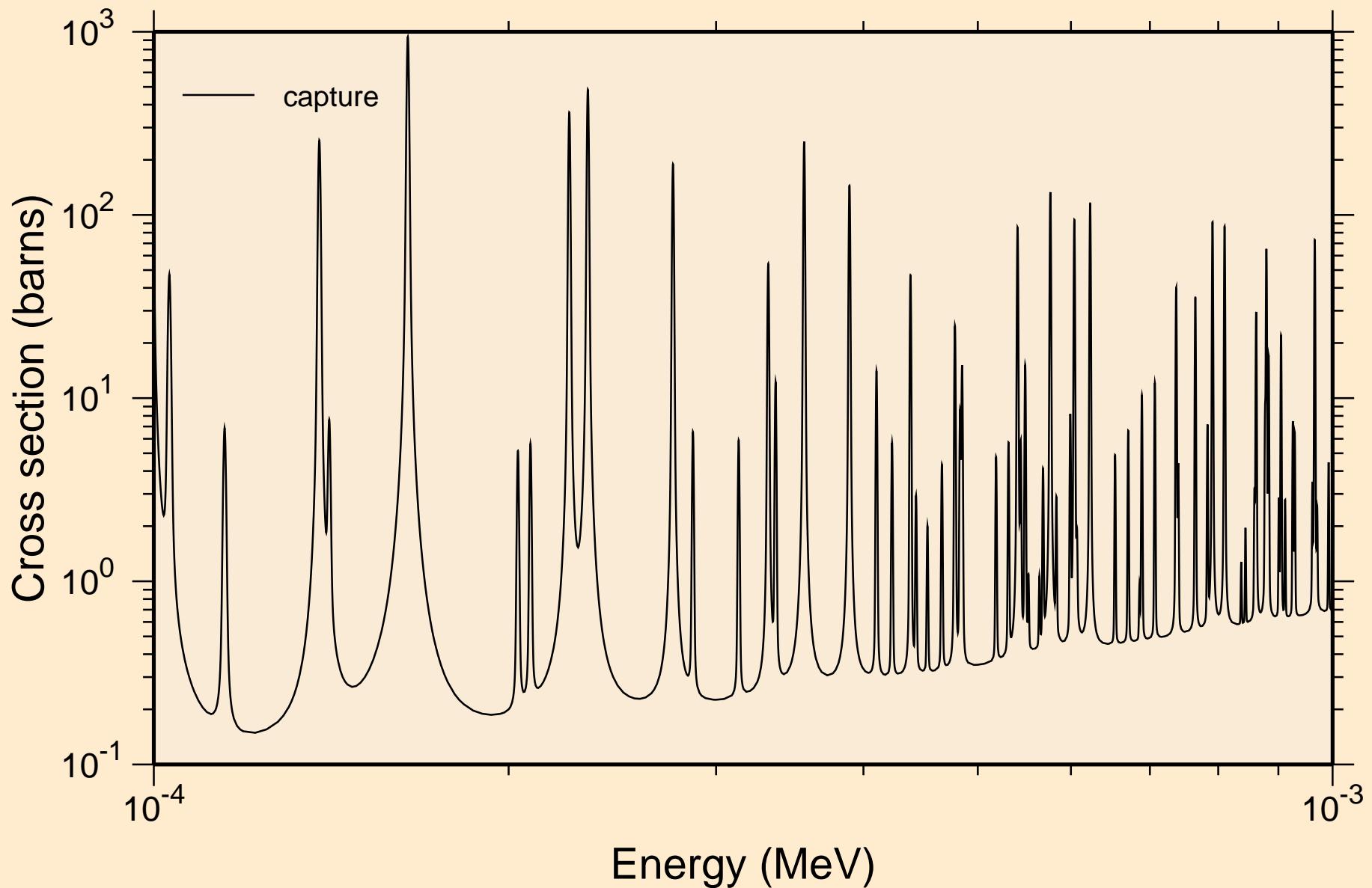
CD111 NRG TENDL-2015, AKONING  
resonance total cross section



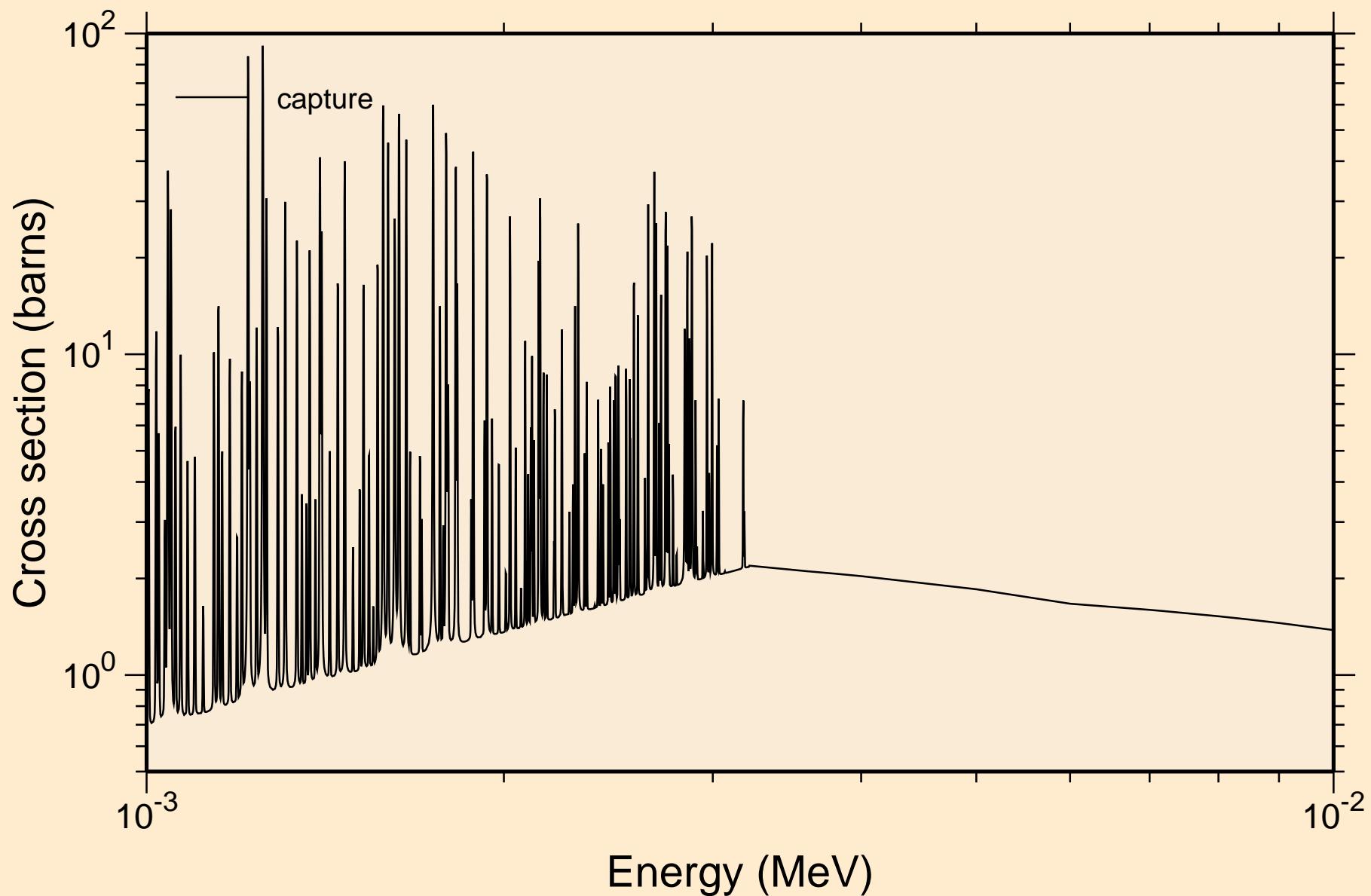
CD111 NRG TENDL-2015, AKONING  
resonance absorption cross sections



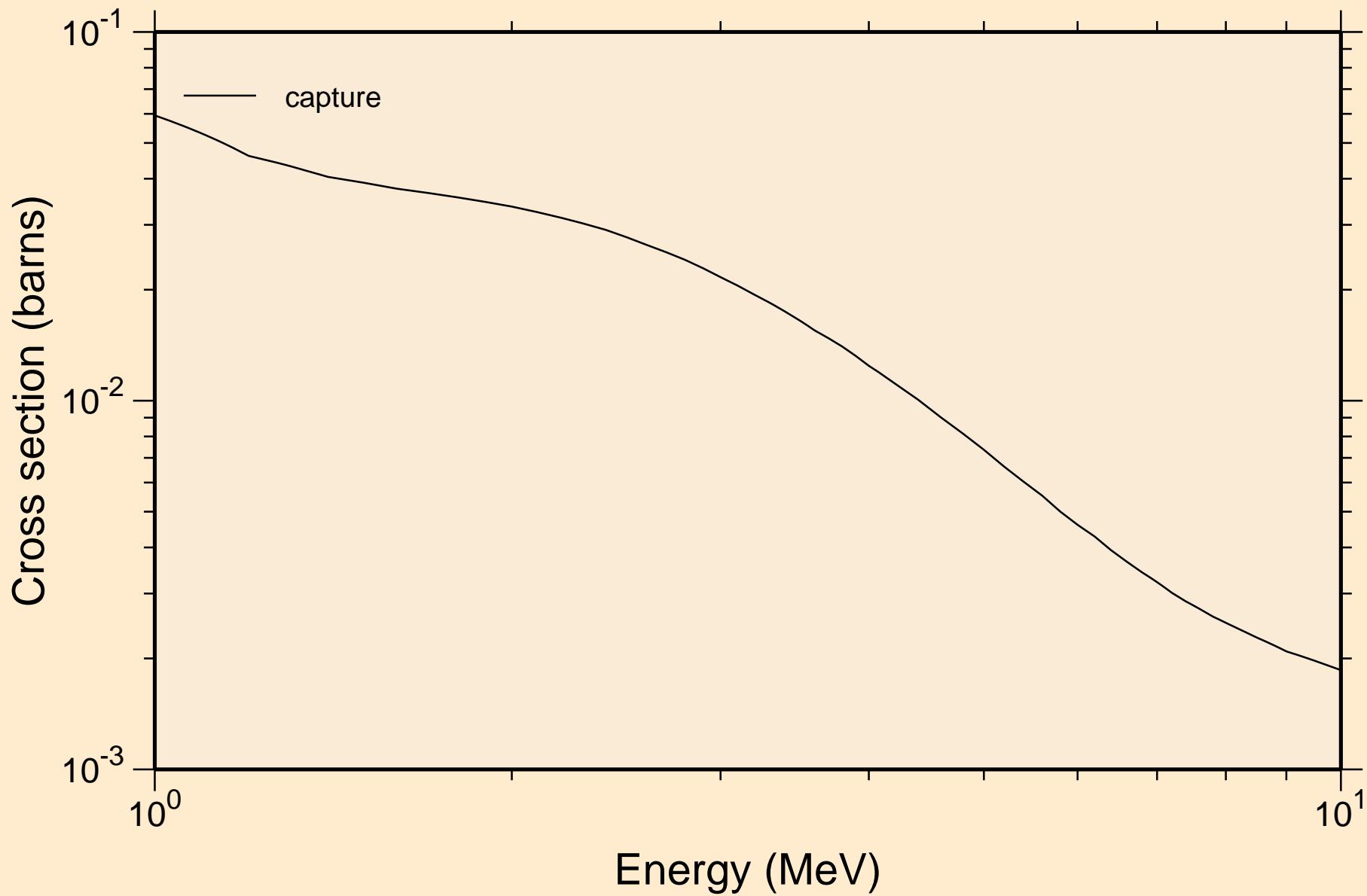
CD111 NRG TENDL-2015, AKONING  
resonance absorption cross sections



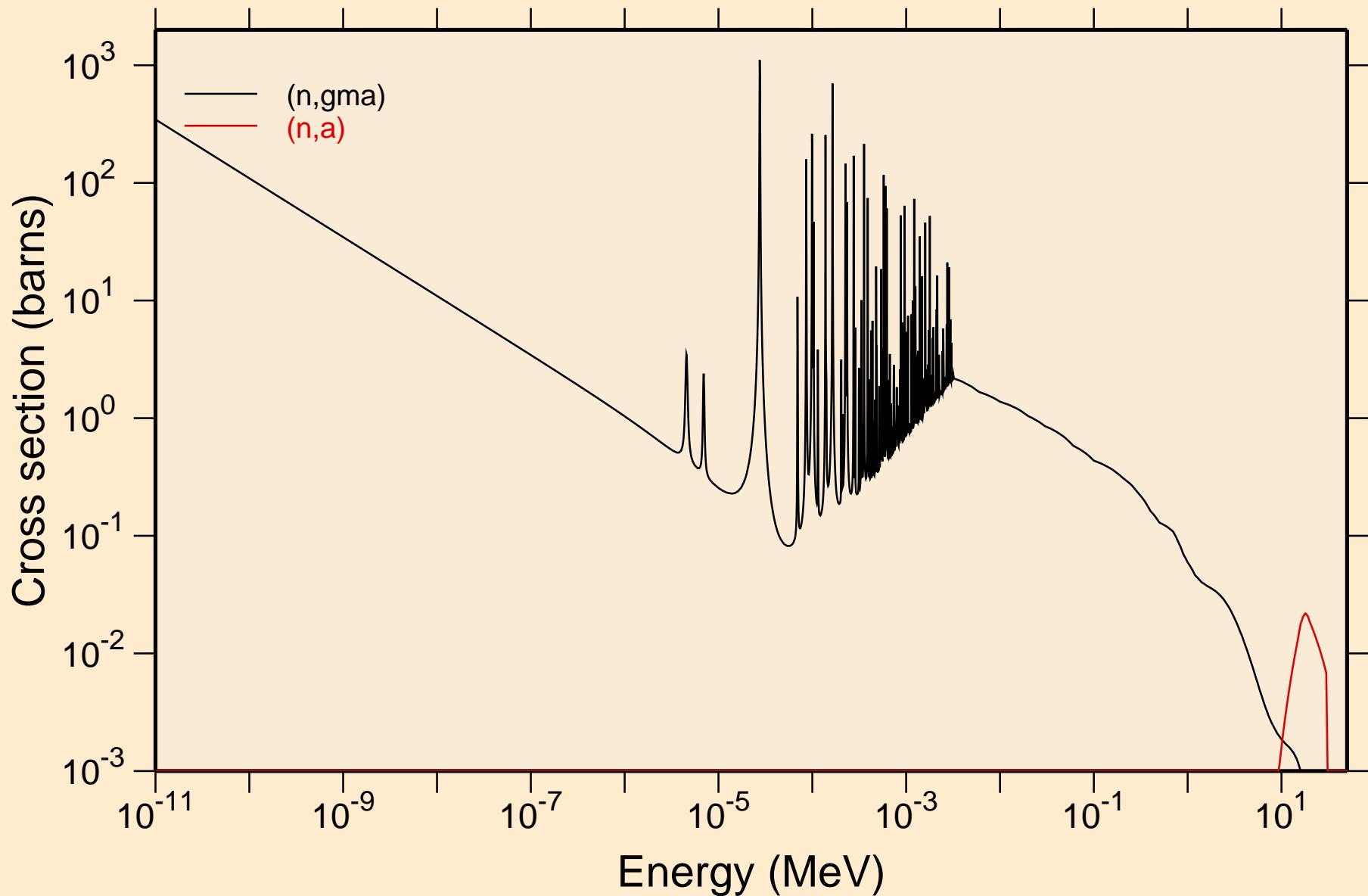
CD111 NRG TENDL-2015, AKONING  
resonance absorption cross sections



CD111 NRG TENDL-2015, AKONING  
resonance absorption cross sections

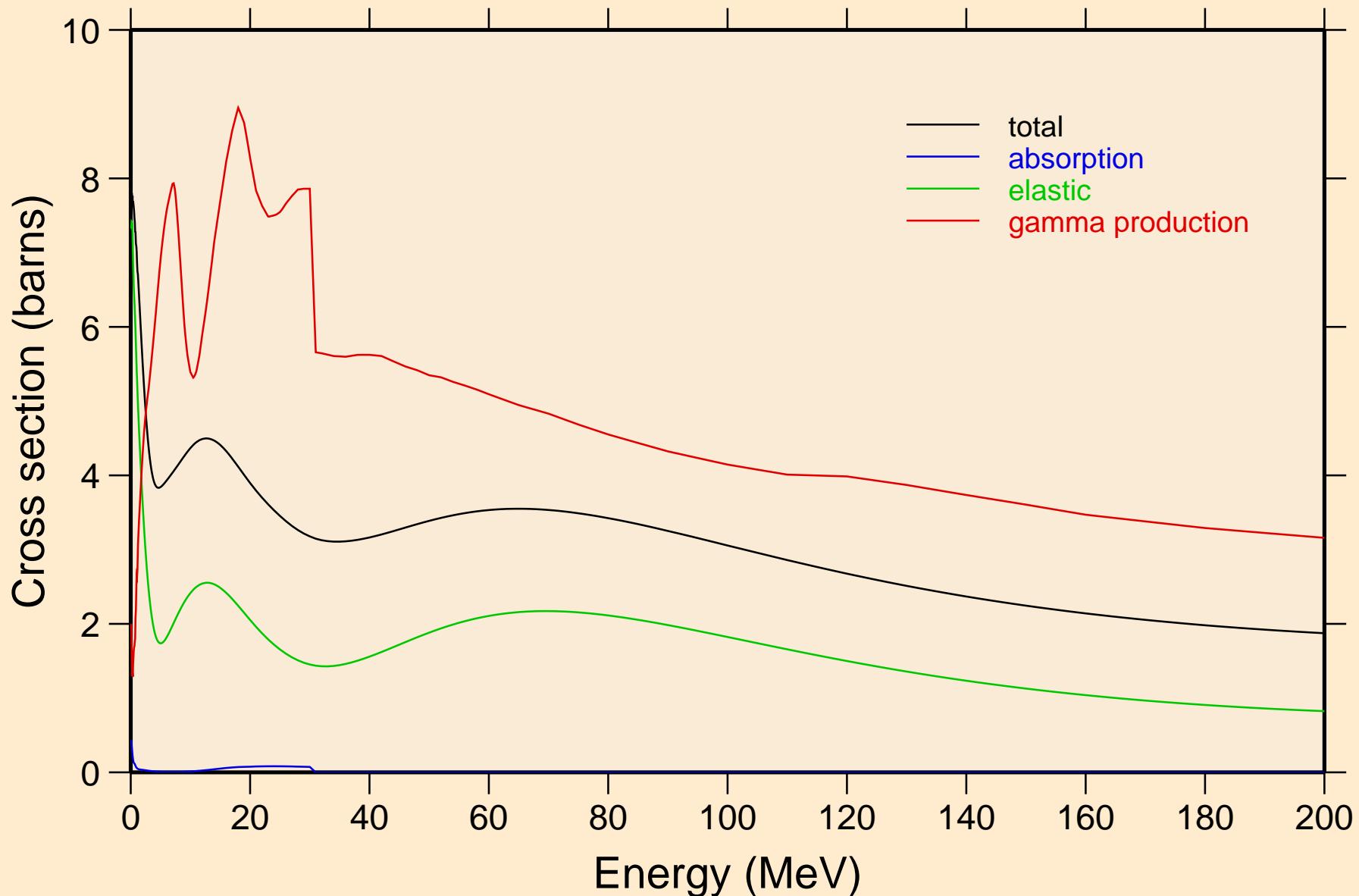


CD111 NRG TENDL-2015, AKONING  
Non-threshold reactions

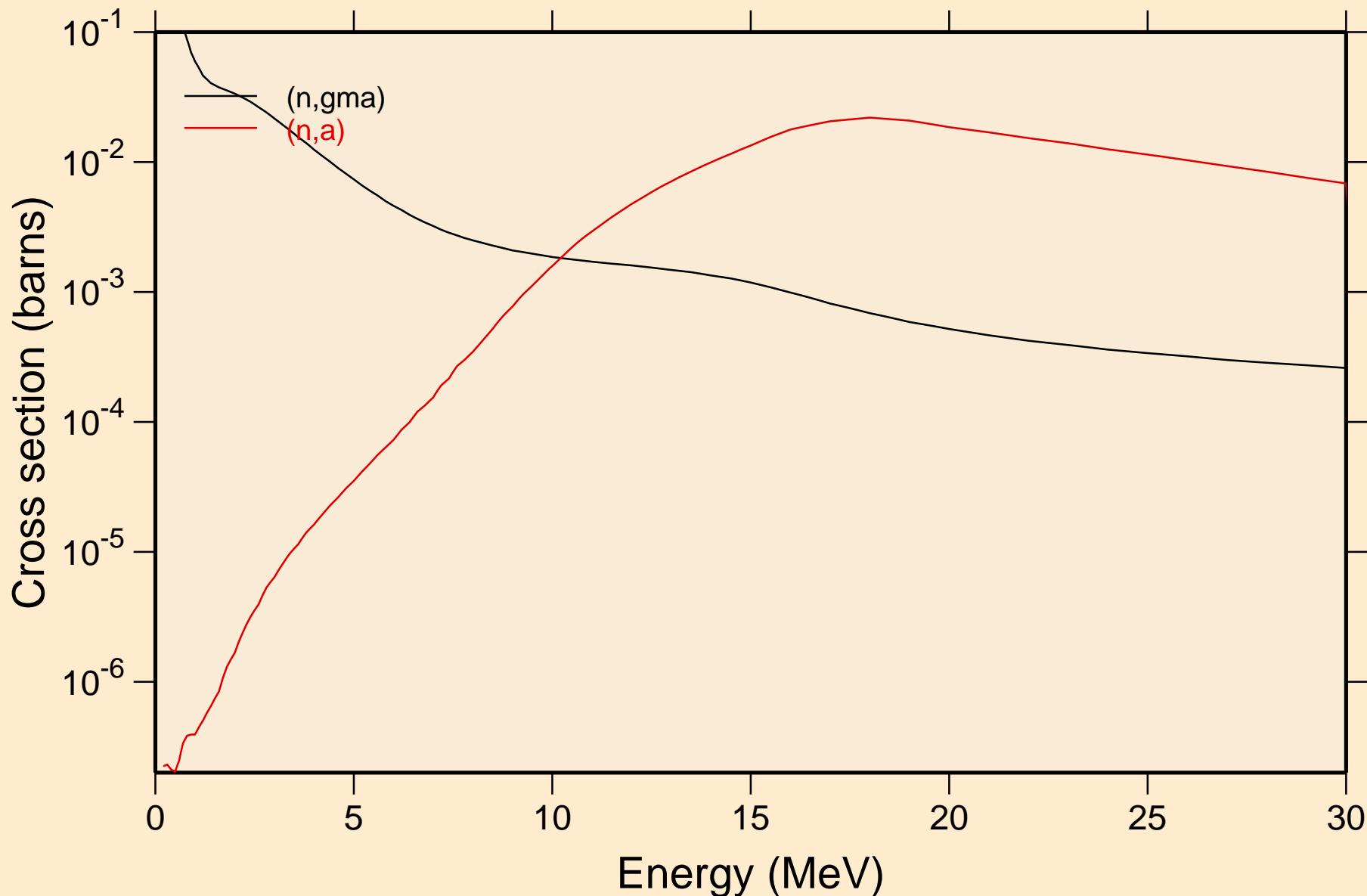


# CD111 NRG TENDL-2015, AKONING

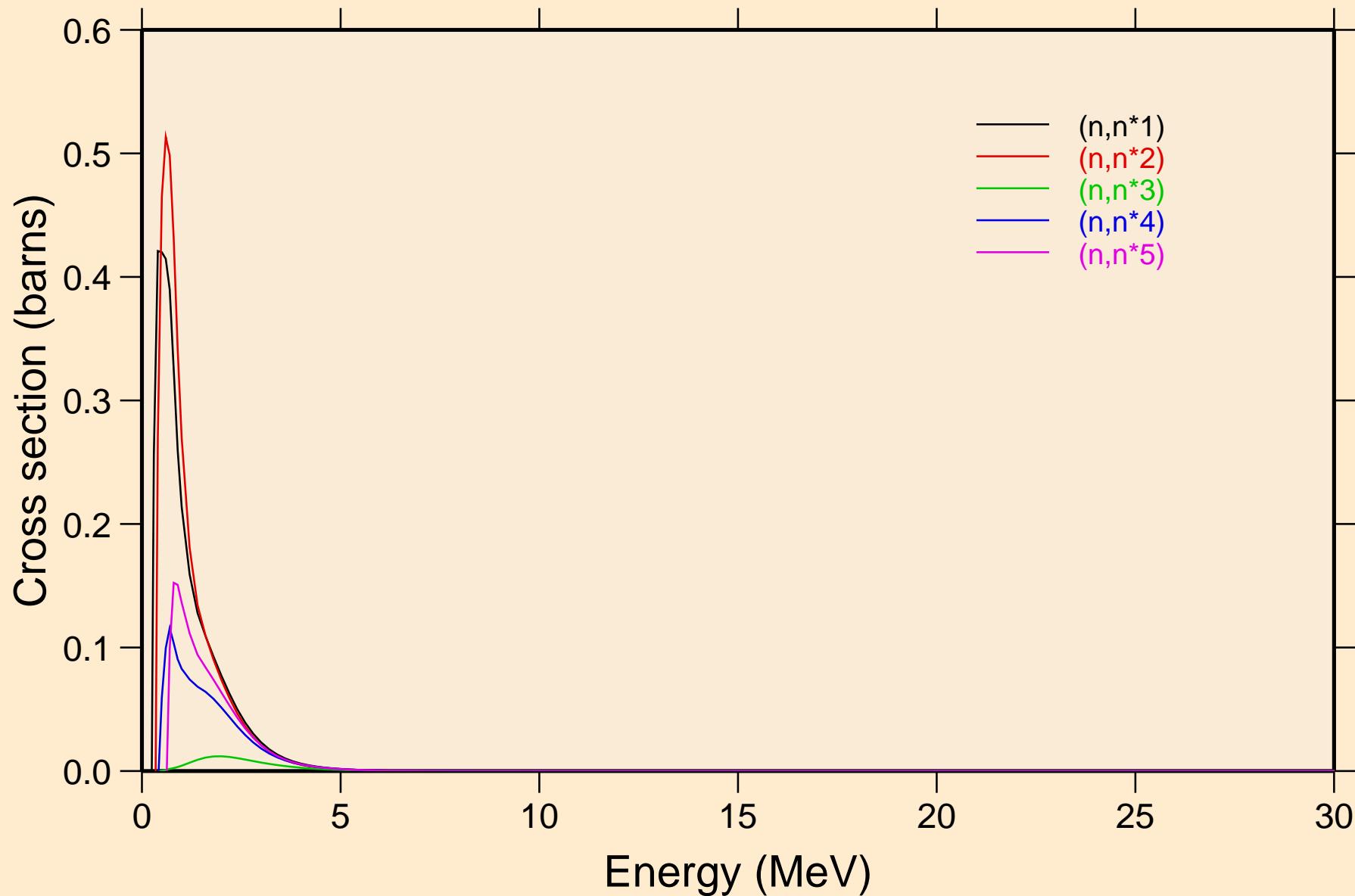
## Principal cross sections



CD111 NRG TENDL-2015, AKONING  
Non-threshold reactions

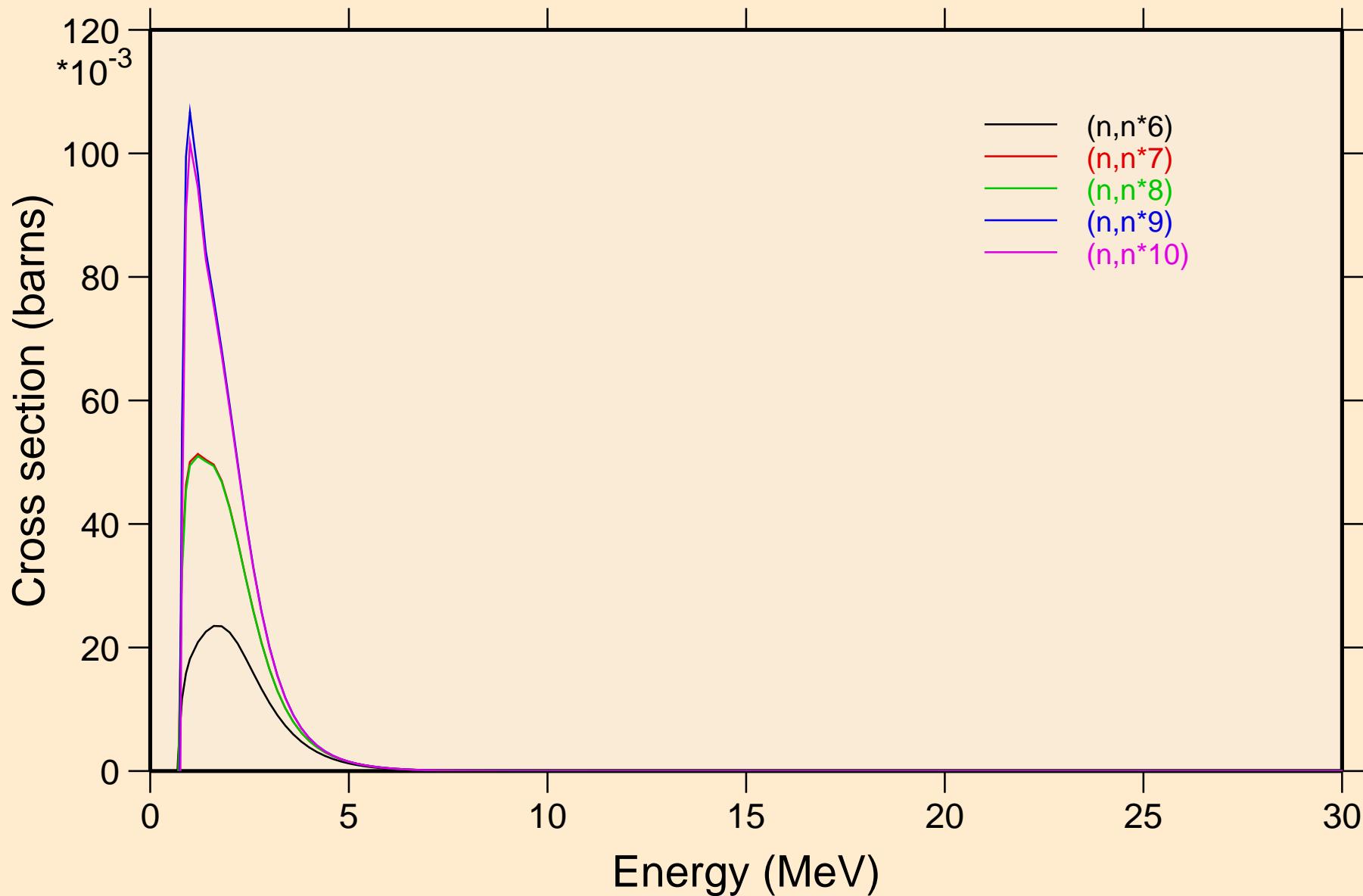


CD111 NRG TENDL-2015, AKONING  
Inelastic levels



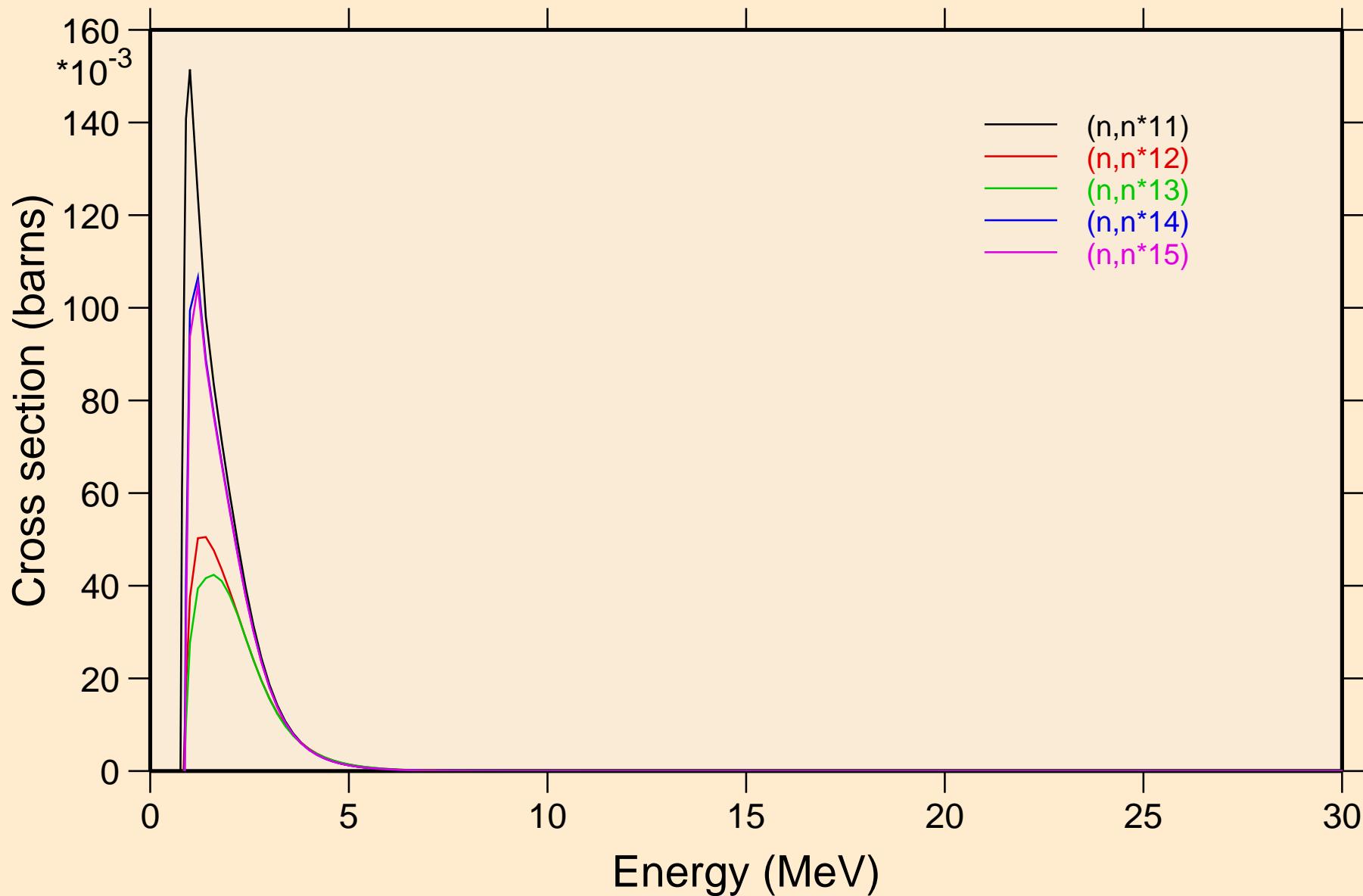
# CD111 NRG TENDL-2015, AKONING

## Inelastic levels



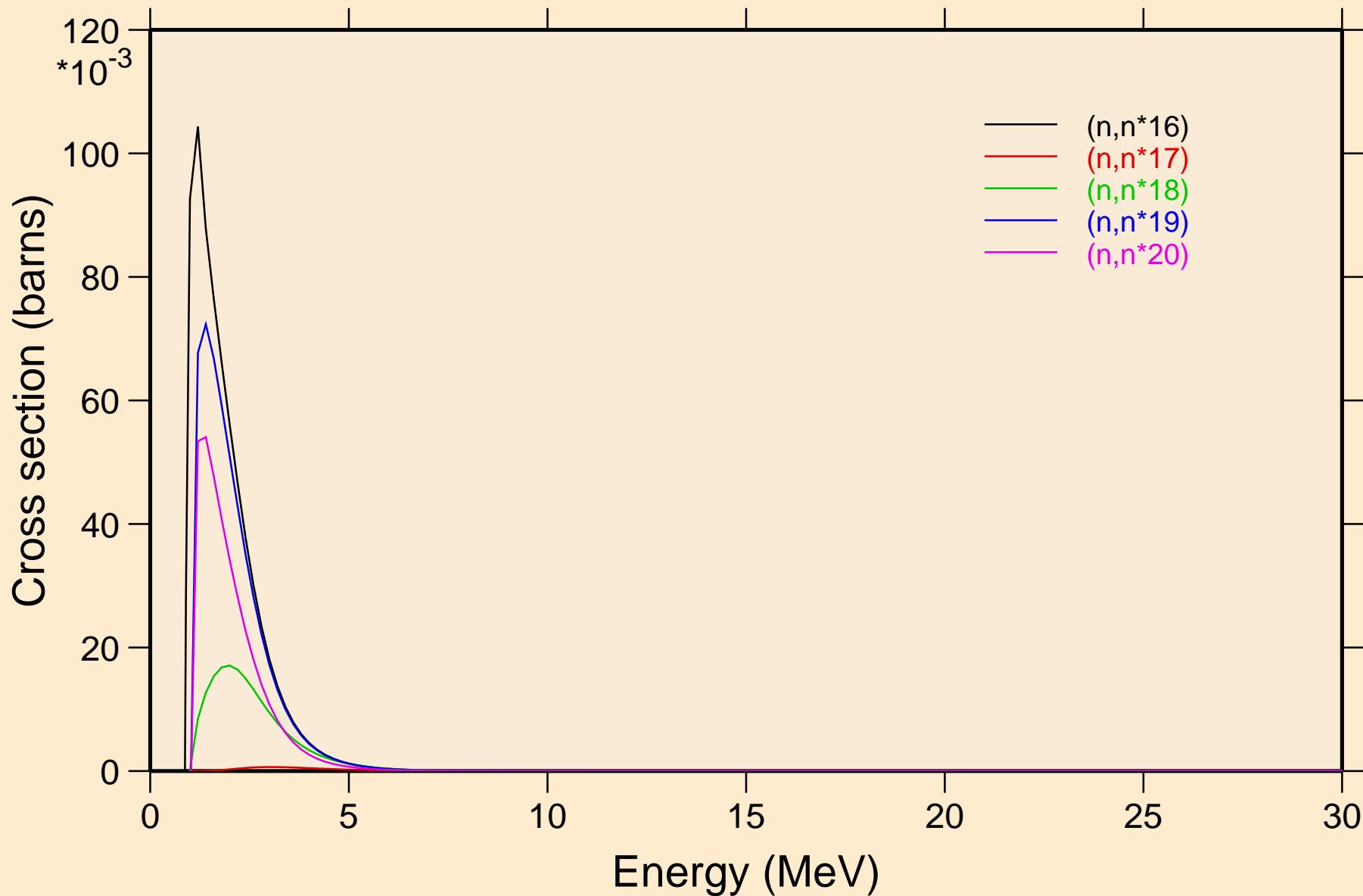
# CD111 NRG TENDL-2015, AKONING

## Inelastic levels

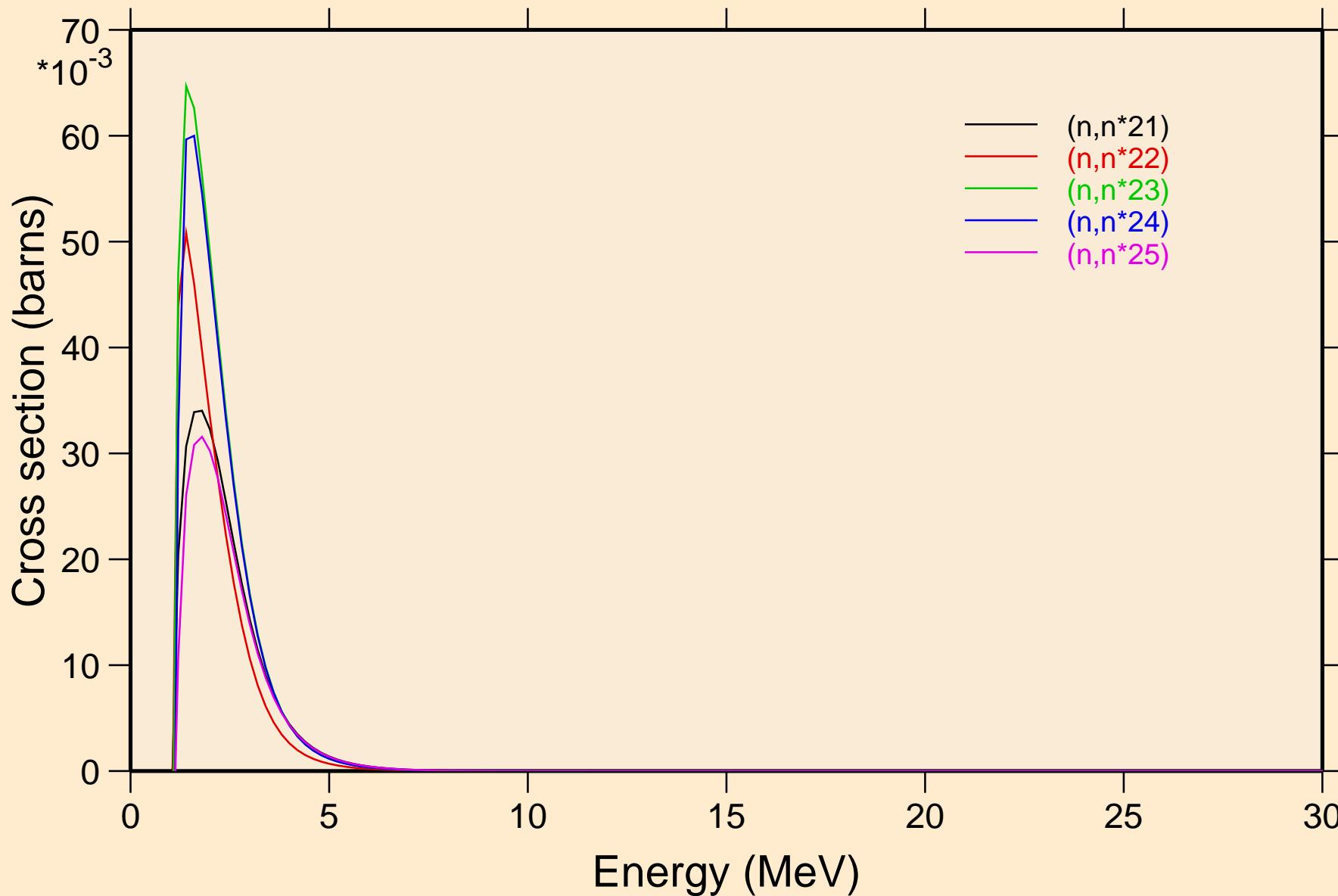


# CD111 NRG TENDL-2015, AKONING

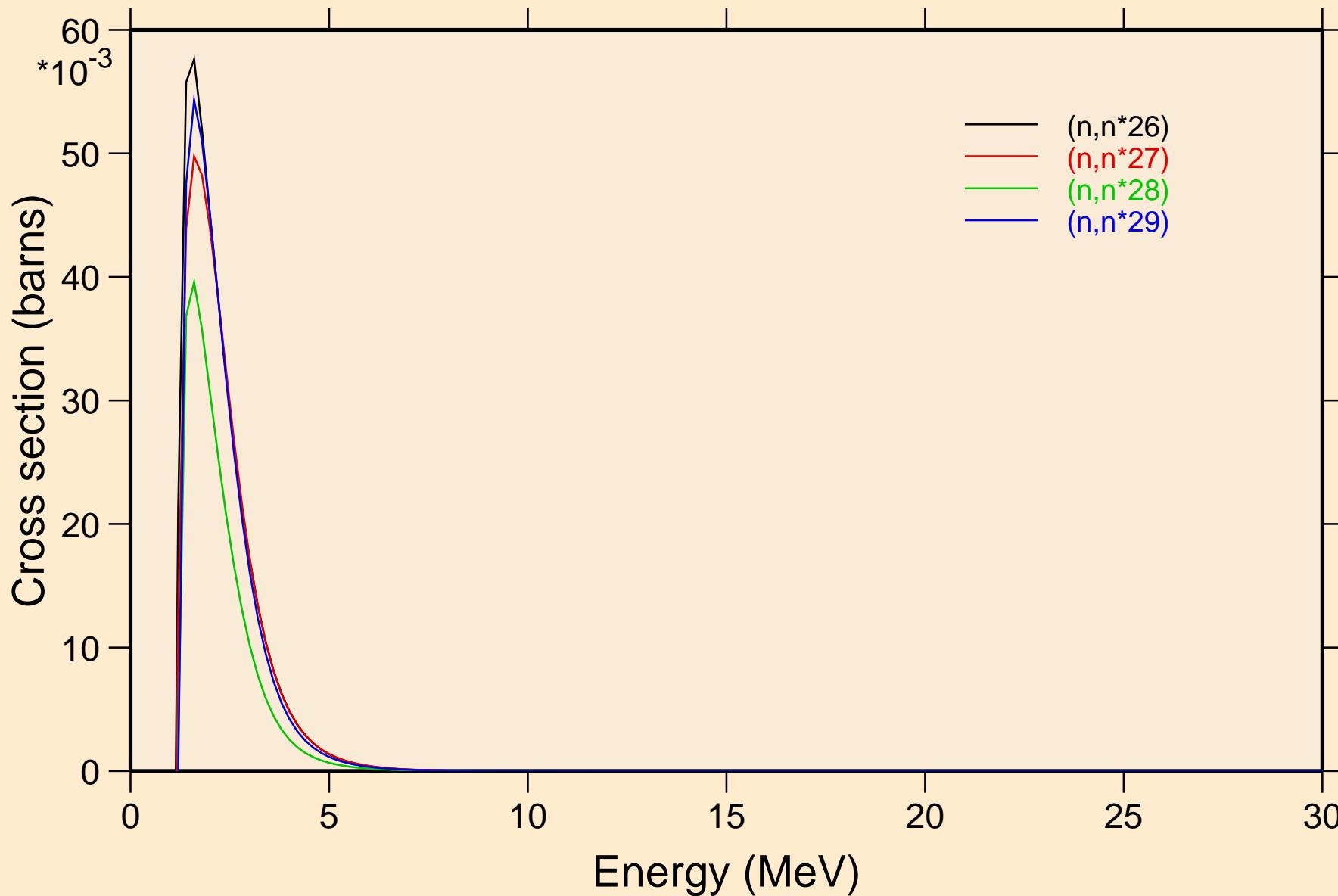
## Inelastic levels



CD111 NRG TENDL-2015, AKONING  
Inelastic levels

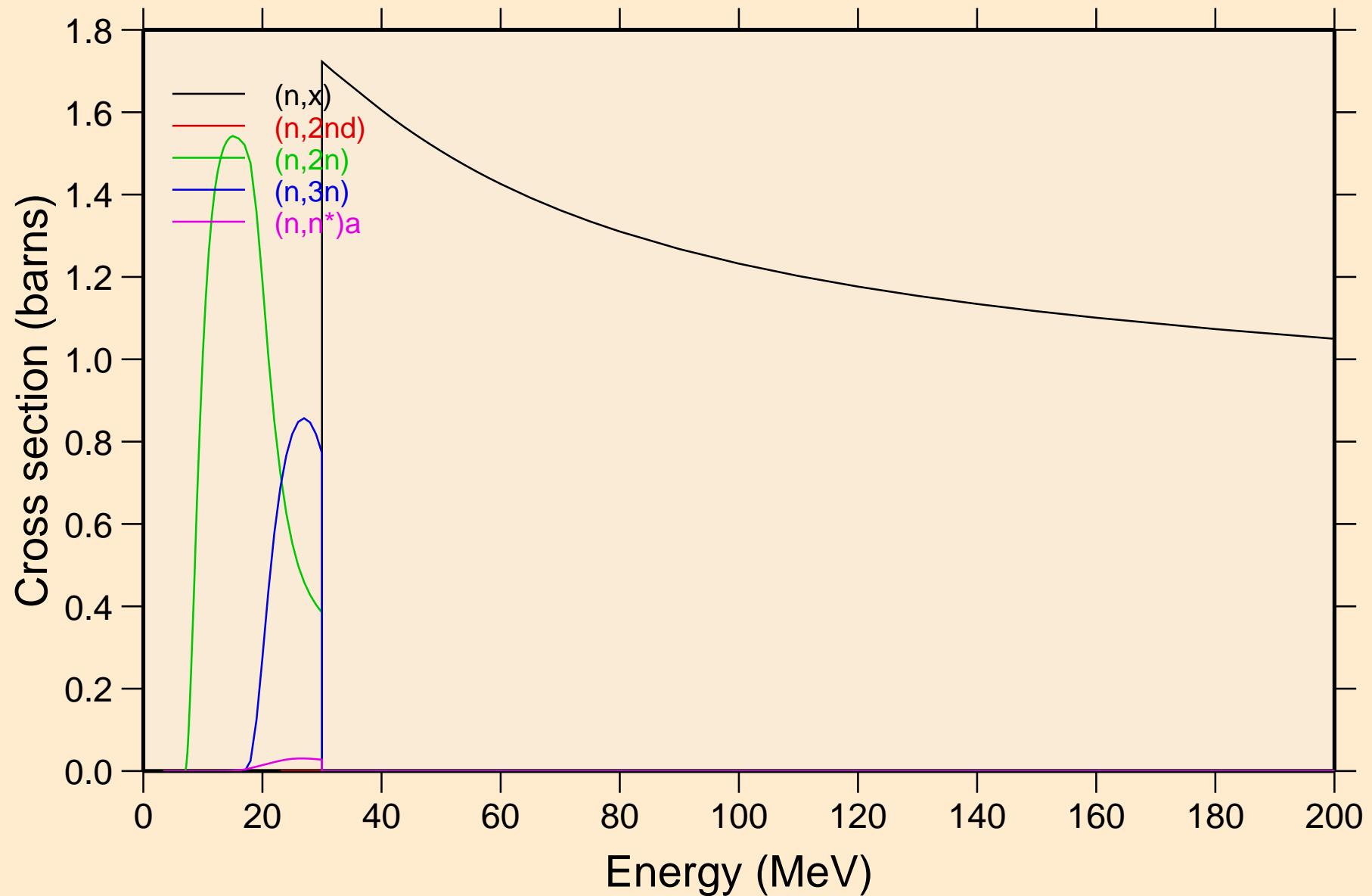


CD111 NRG TENDL-2015, AKONING  
Inelastic levels



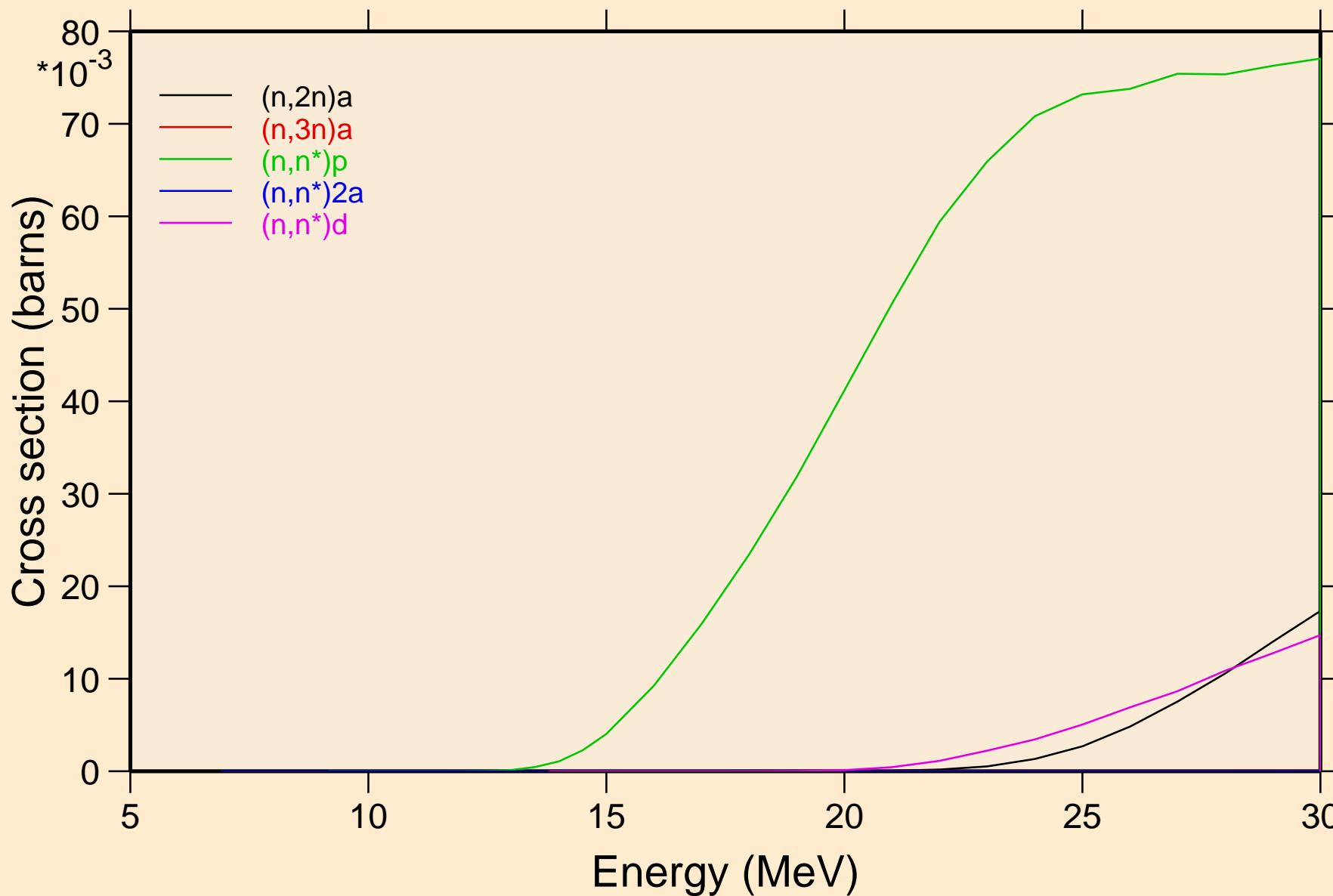
# CD111 NRG TENDL-2015, AKONING

## Threshold reactions



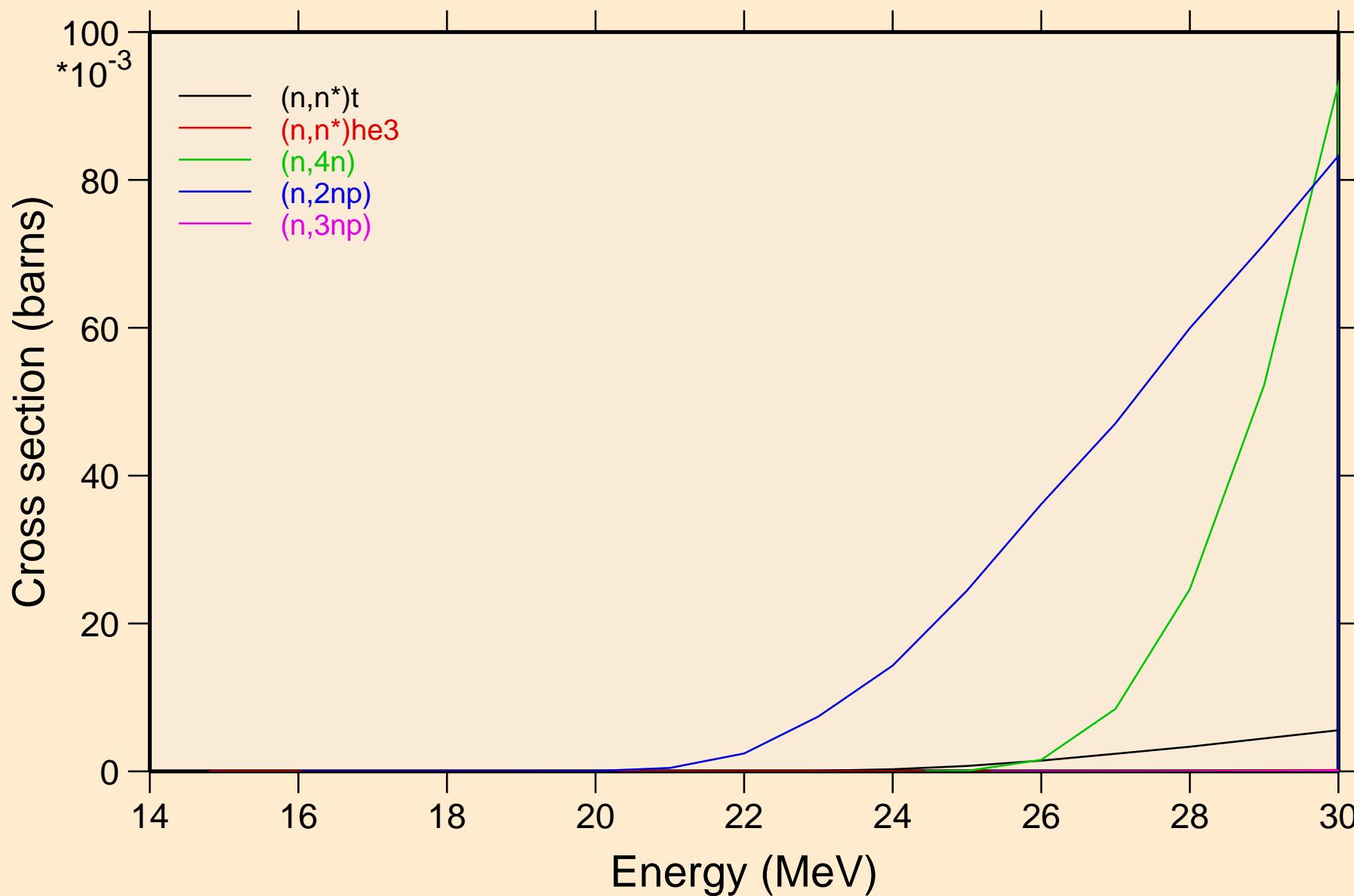
# CD111 NRG TENDL-2015, AKONING

## Threshold reactions



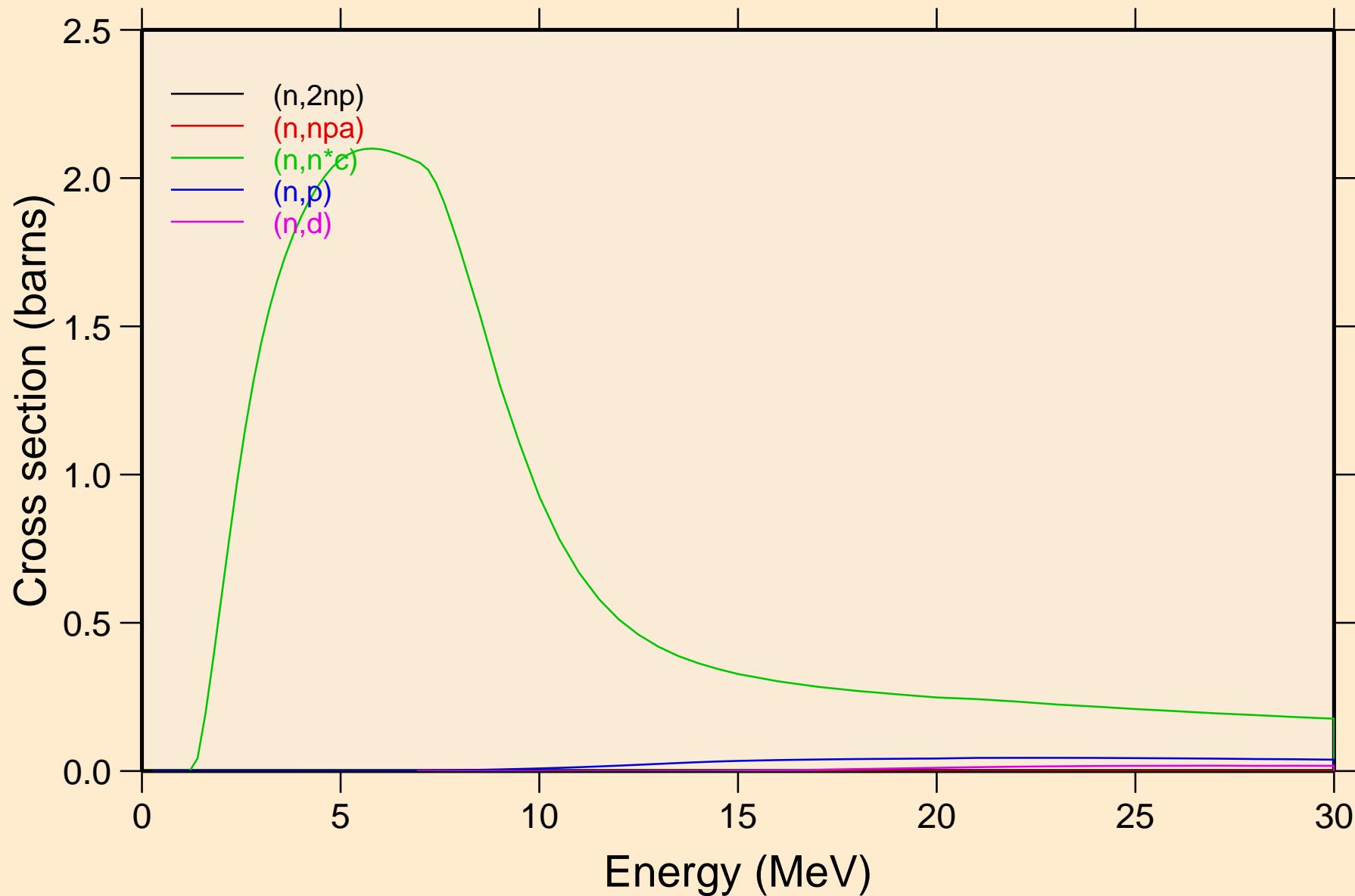
# CD111 NRG TENDL-2015, AKONING

## Threshold reactions



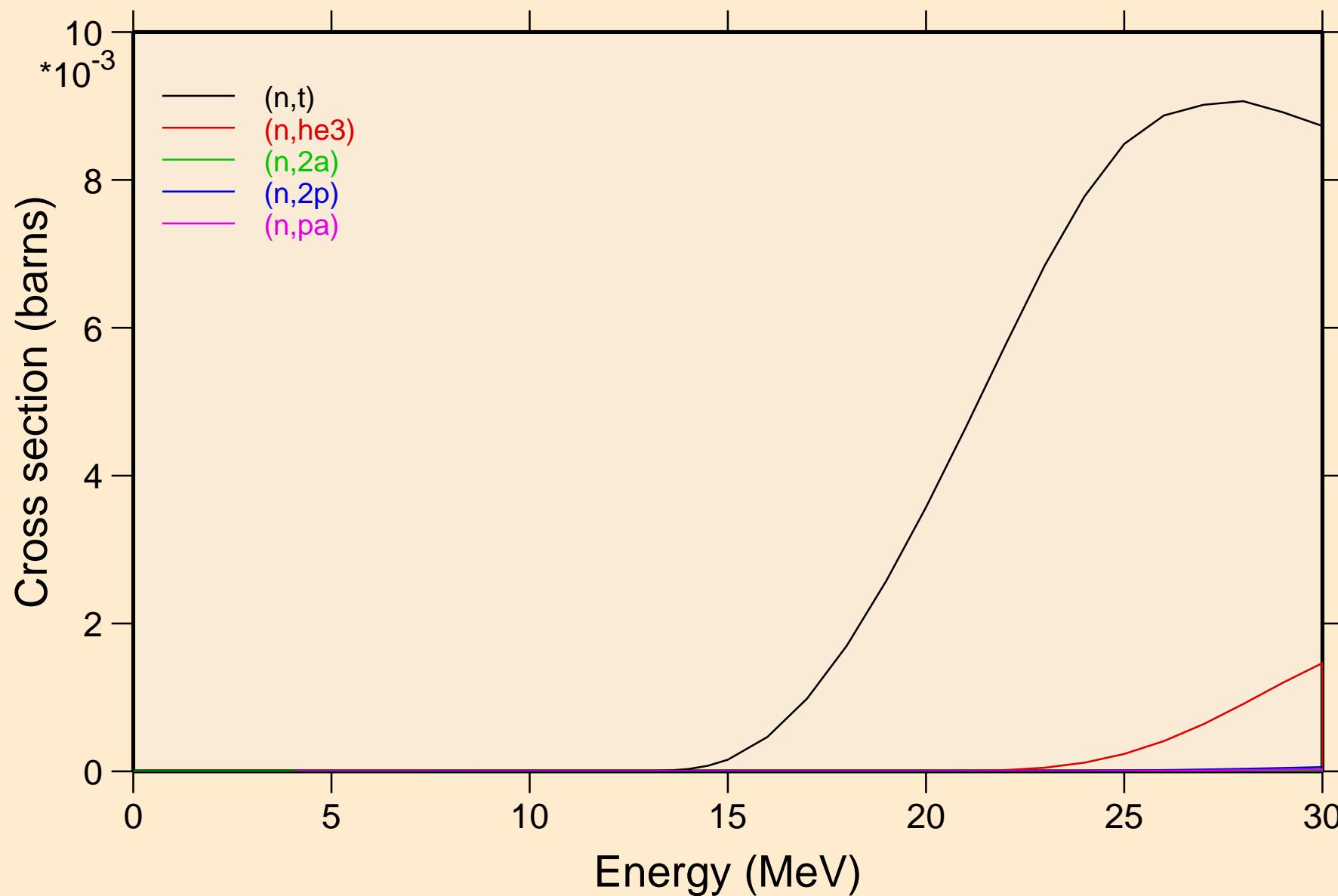
# CD111 NRG TENDL-2015, AKONING

## Threshold reactions



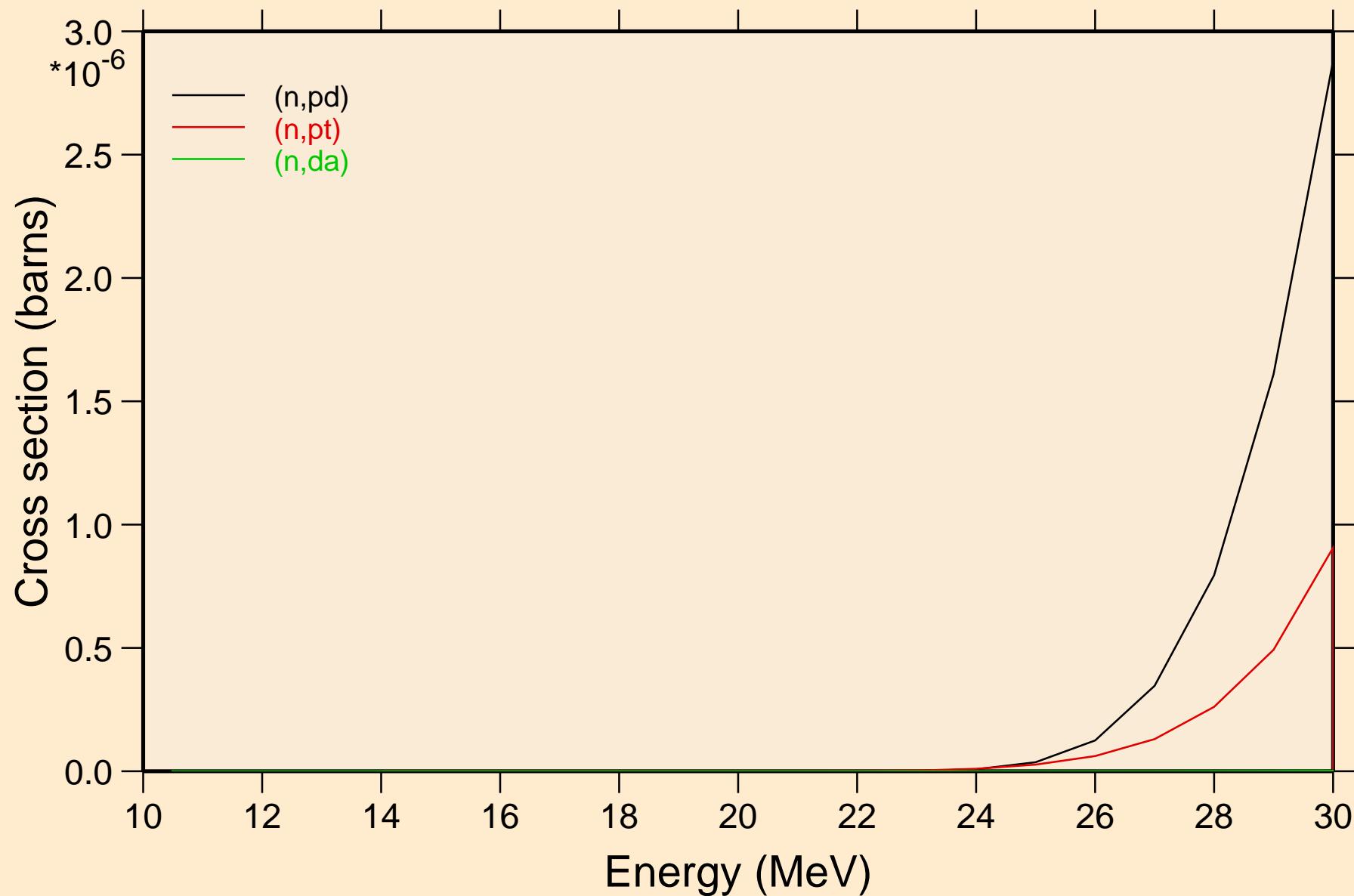
# CD111 NRG TENDL-2015, AKONING

## Threshold reactions

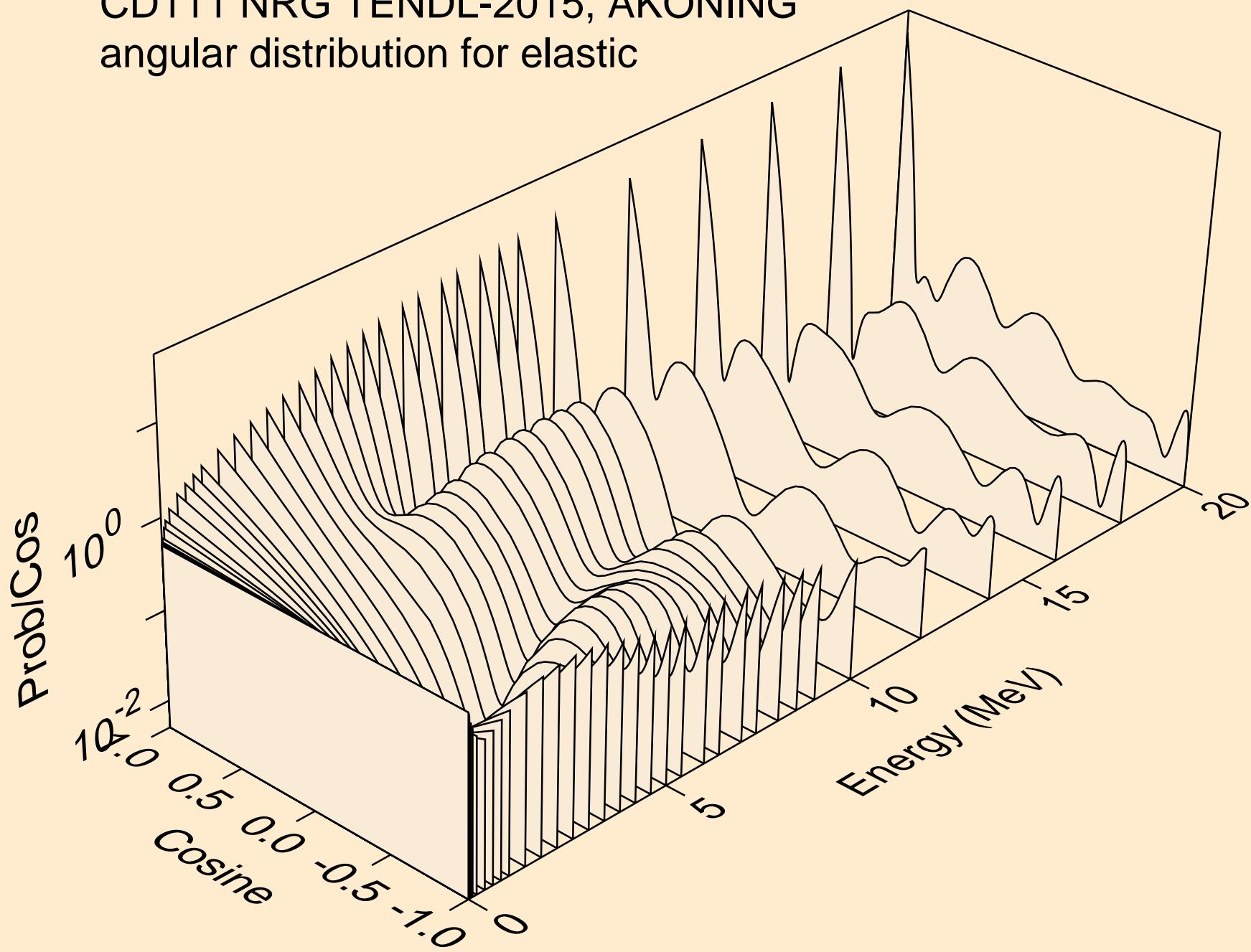


# CD111 NRG TENDL-2015, AKONING

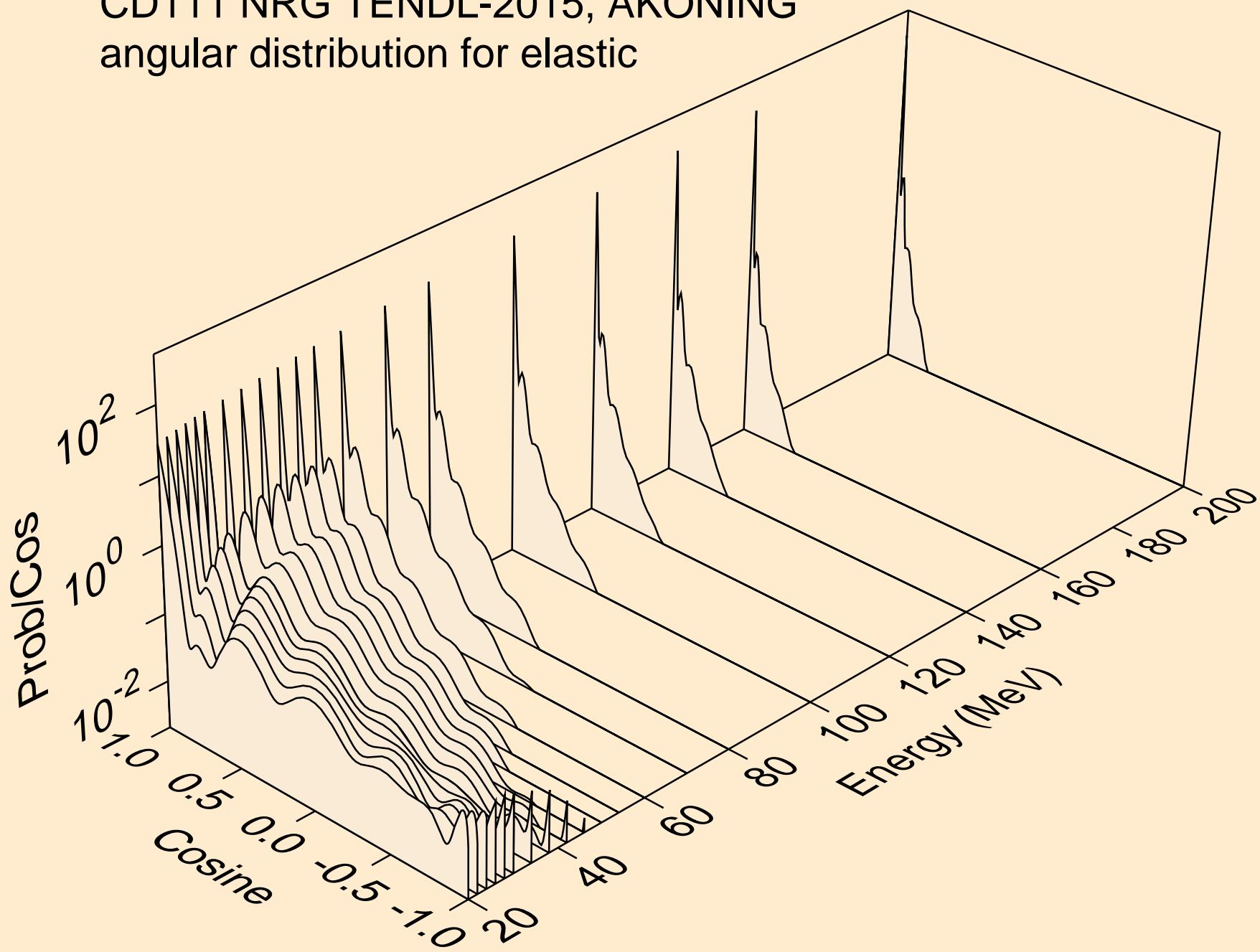
## Threshold reactions



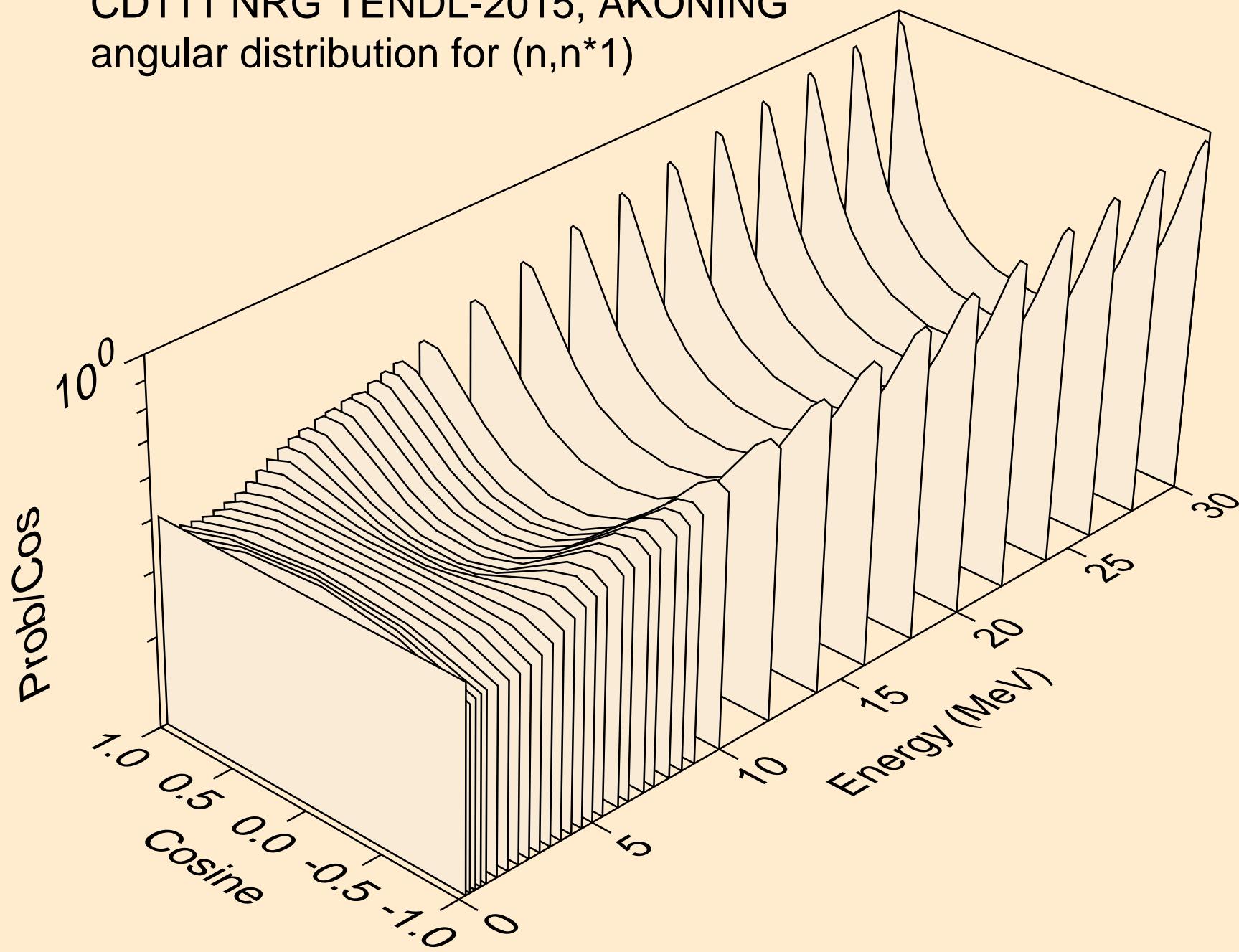
CD111 NRG TENDL-2015, AKONING  
angular distribution for elastic



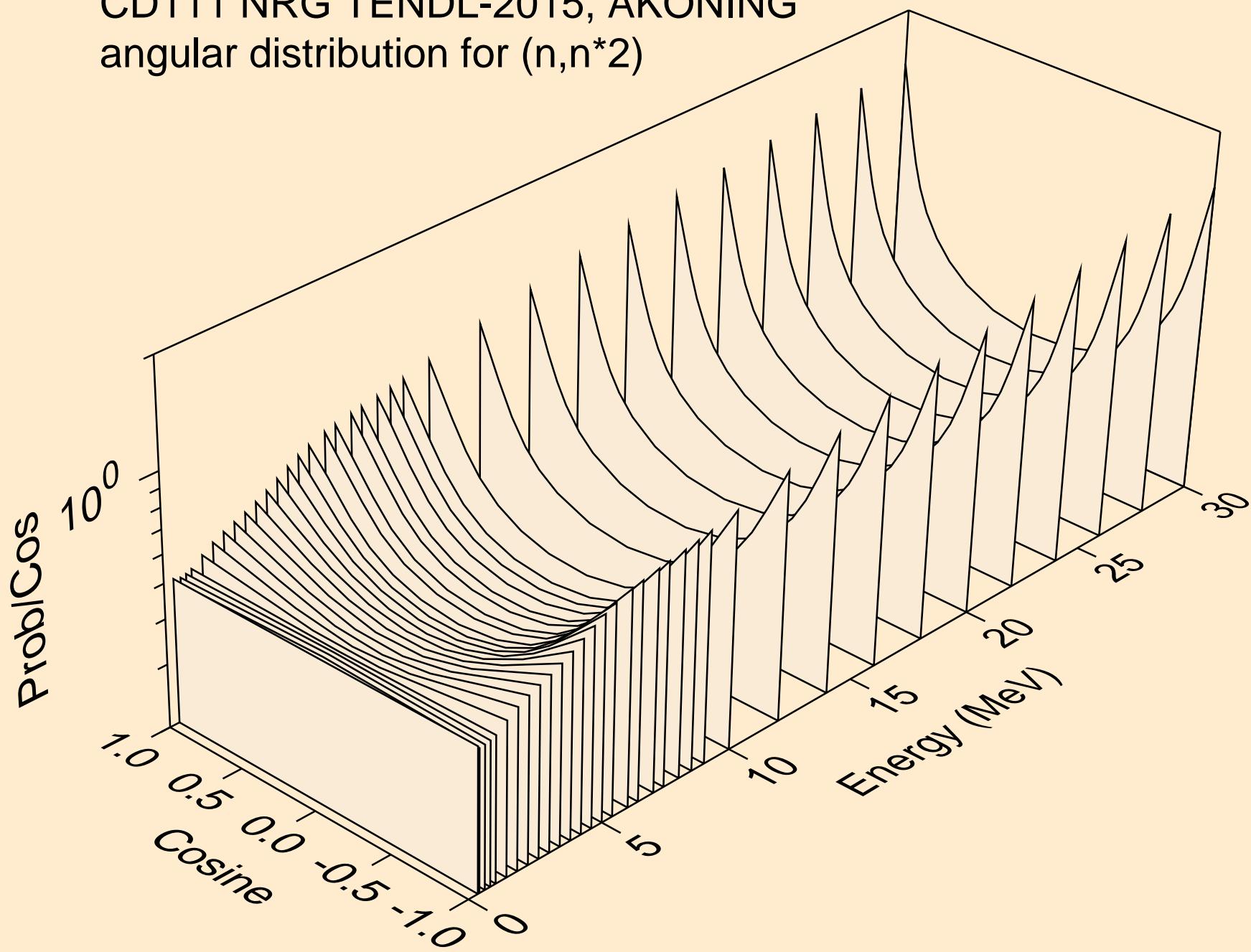
CD111 NRG TENDL-2015, AKONING  
angular distribution for elastic



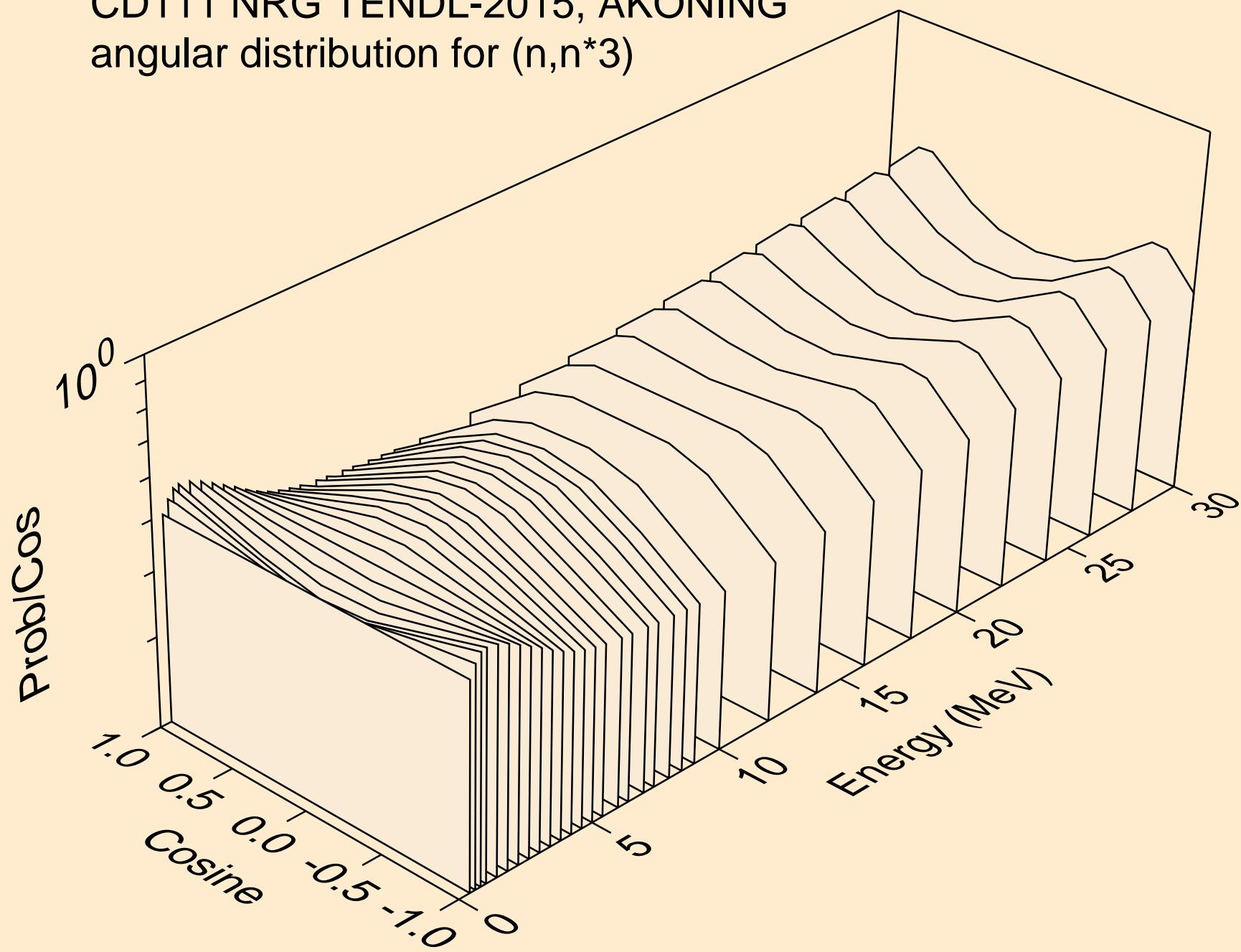
CD111 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



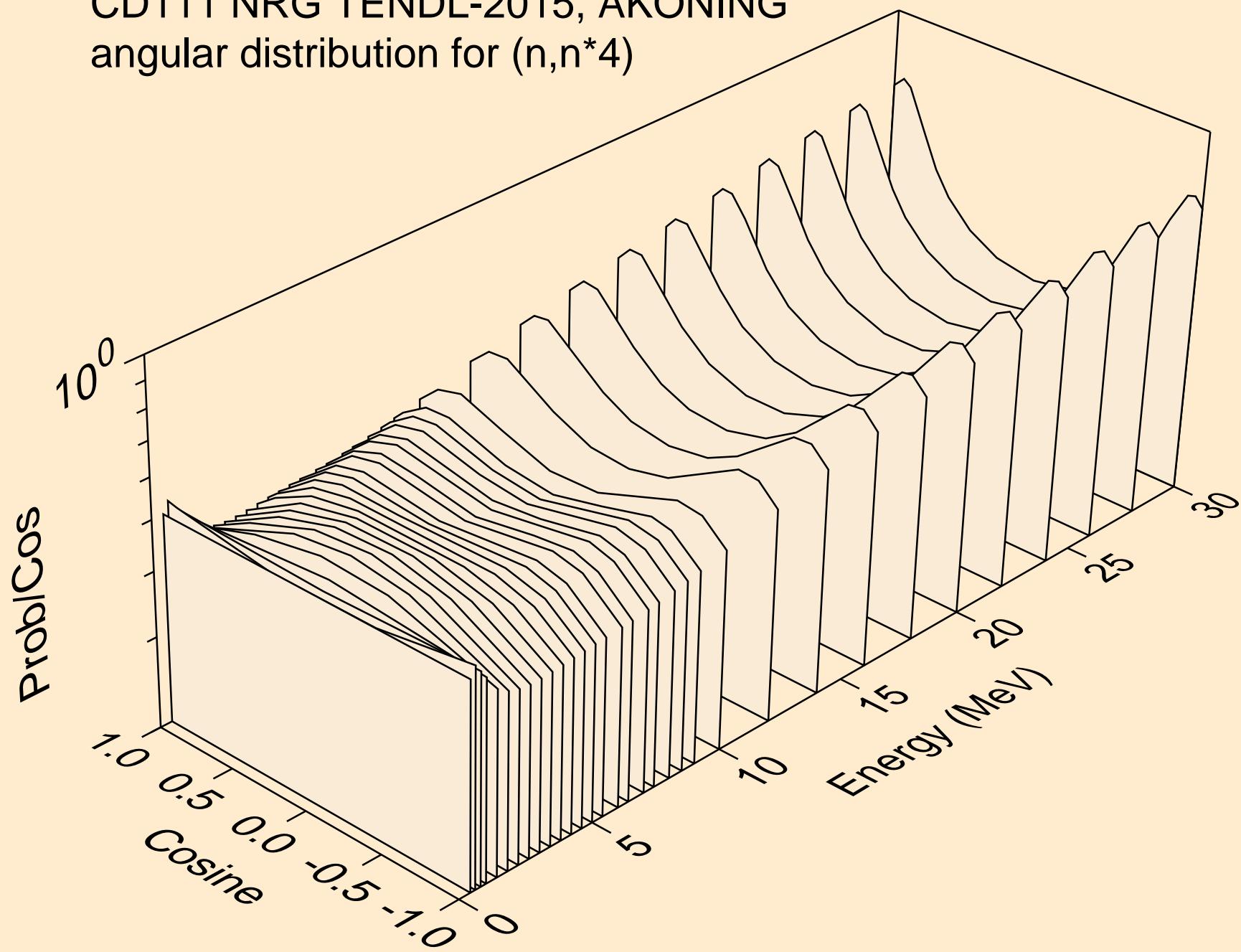
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^2$



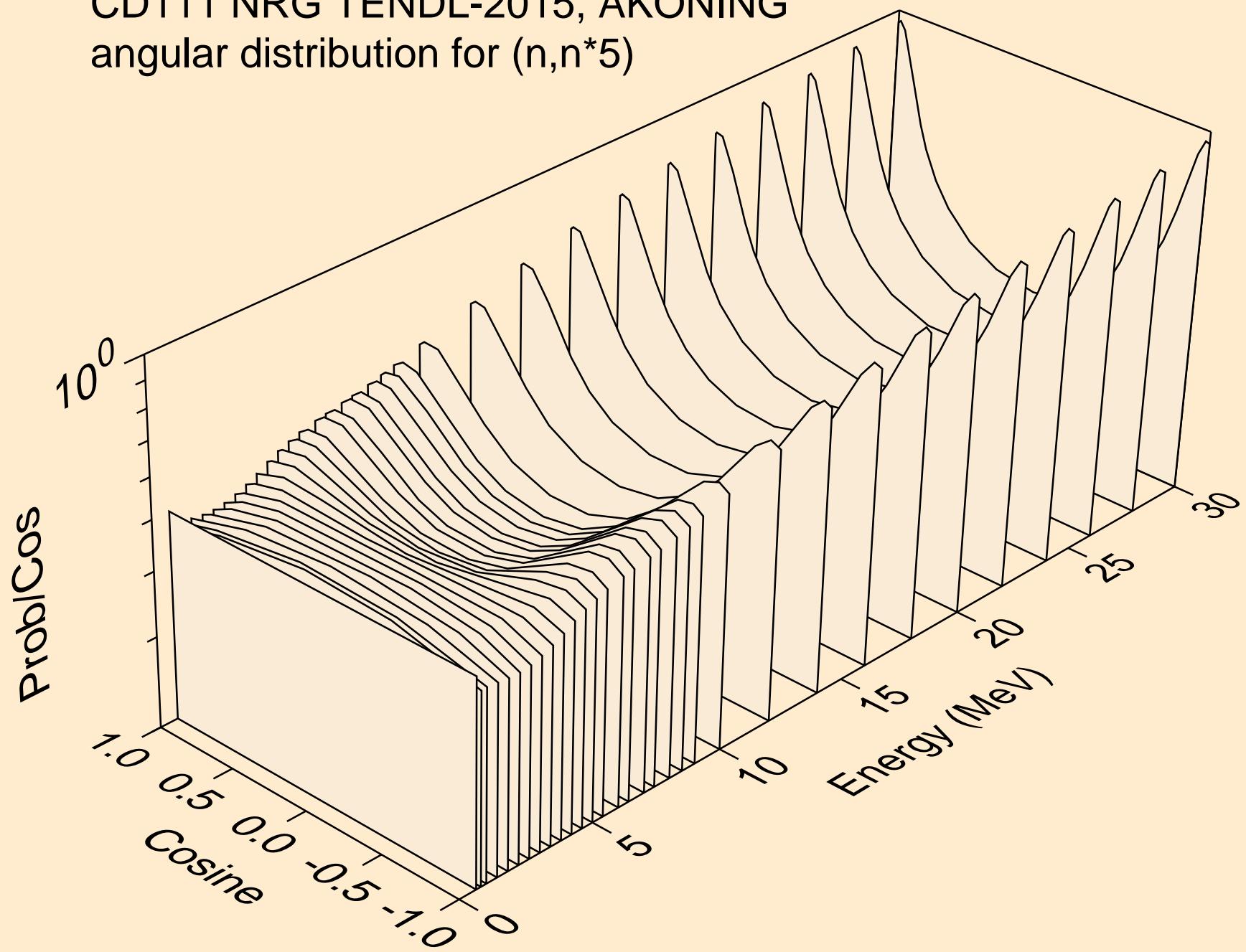
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



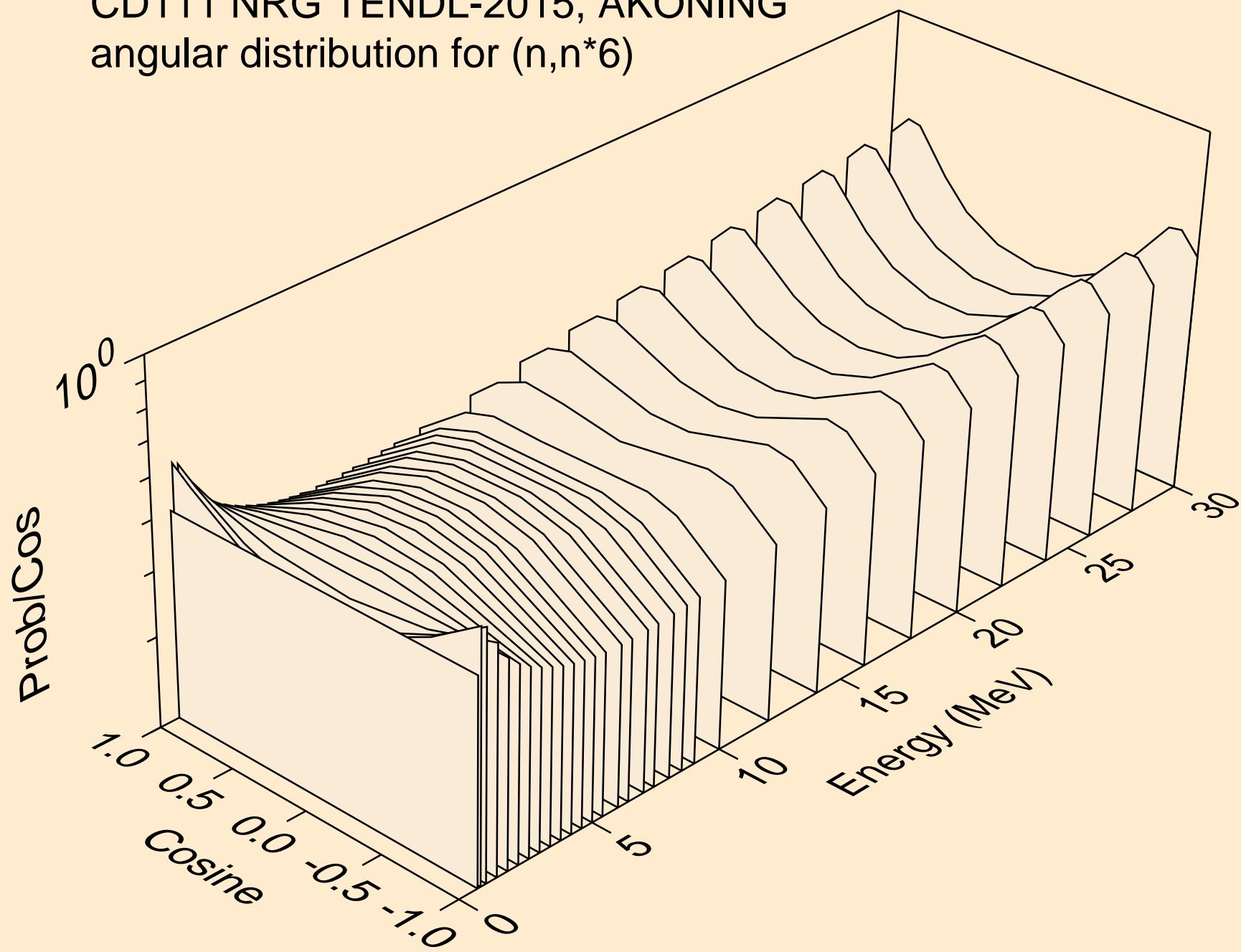
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



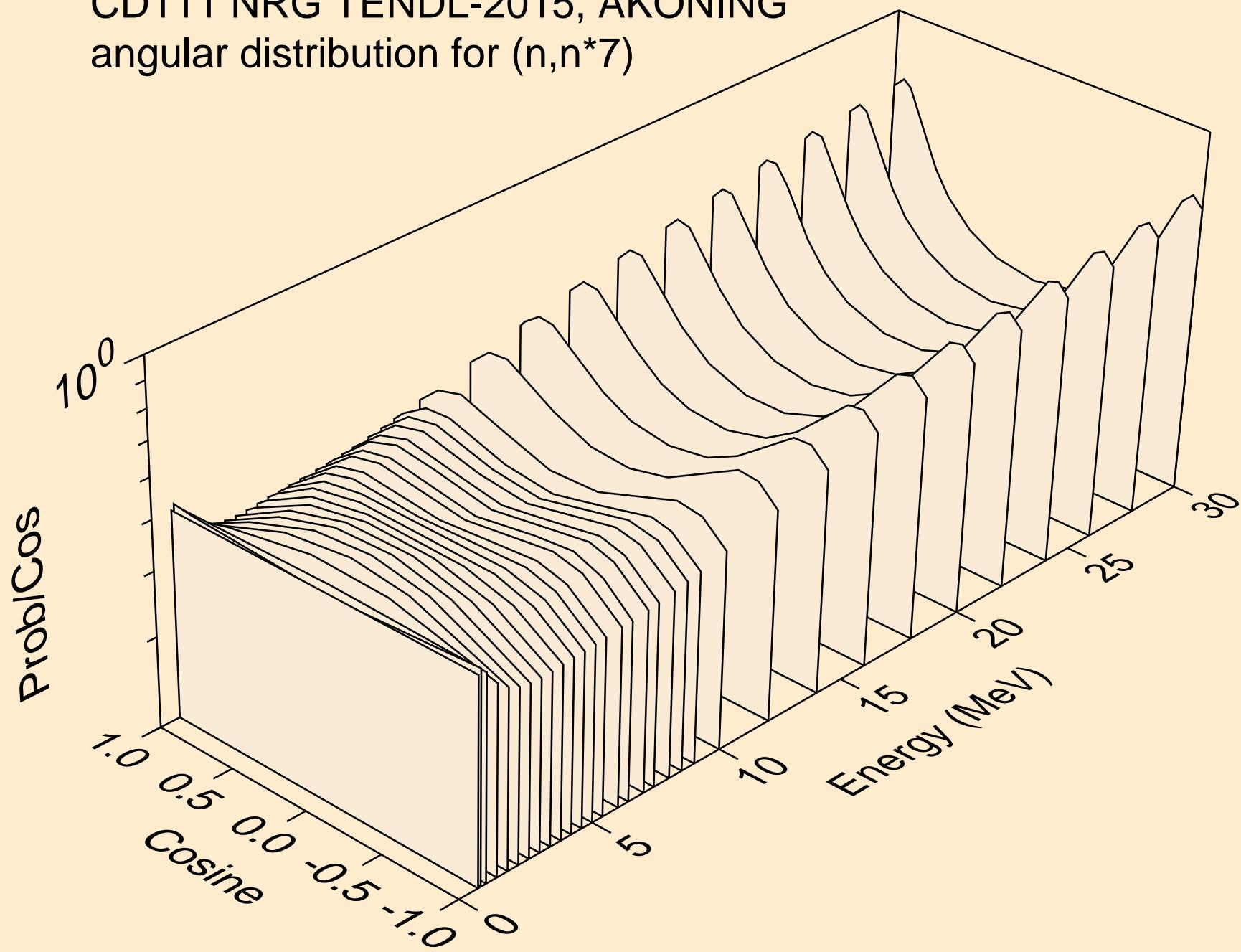
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



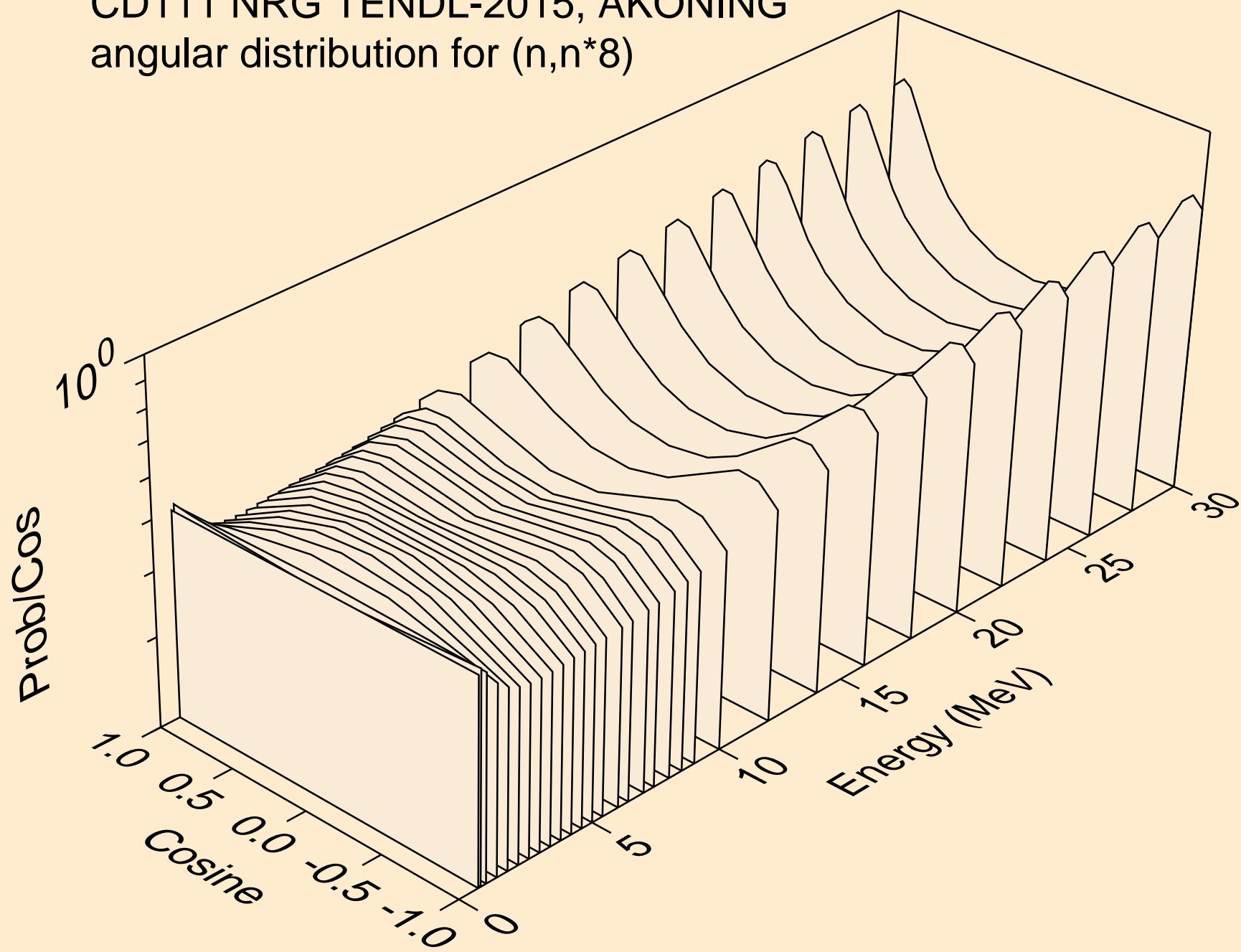
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



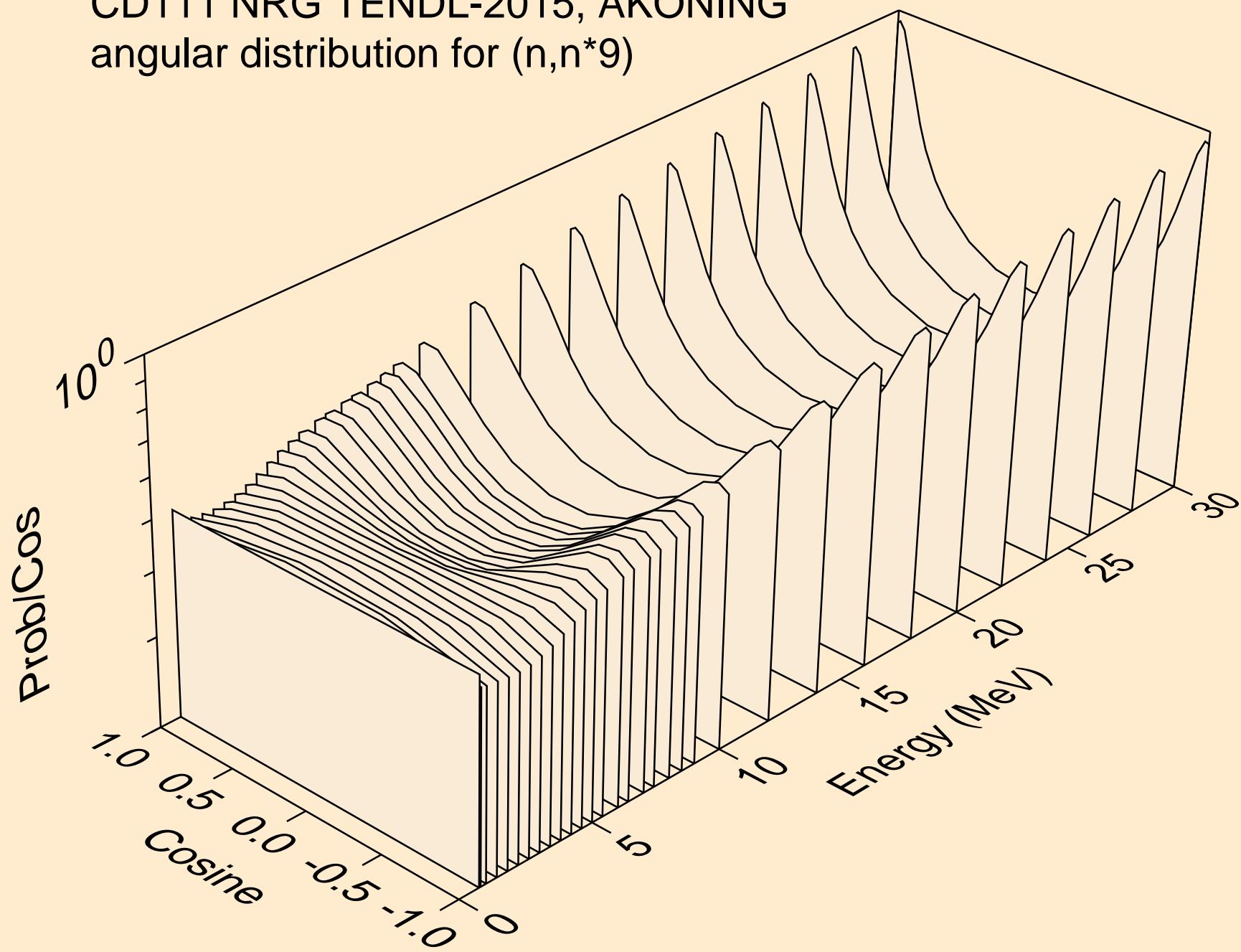
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



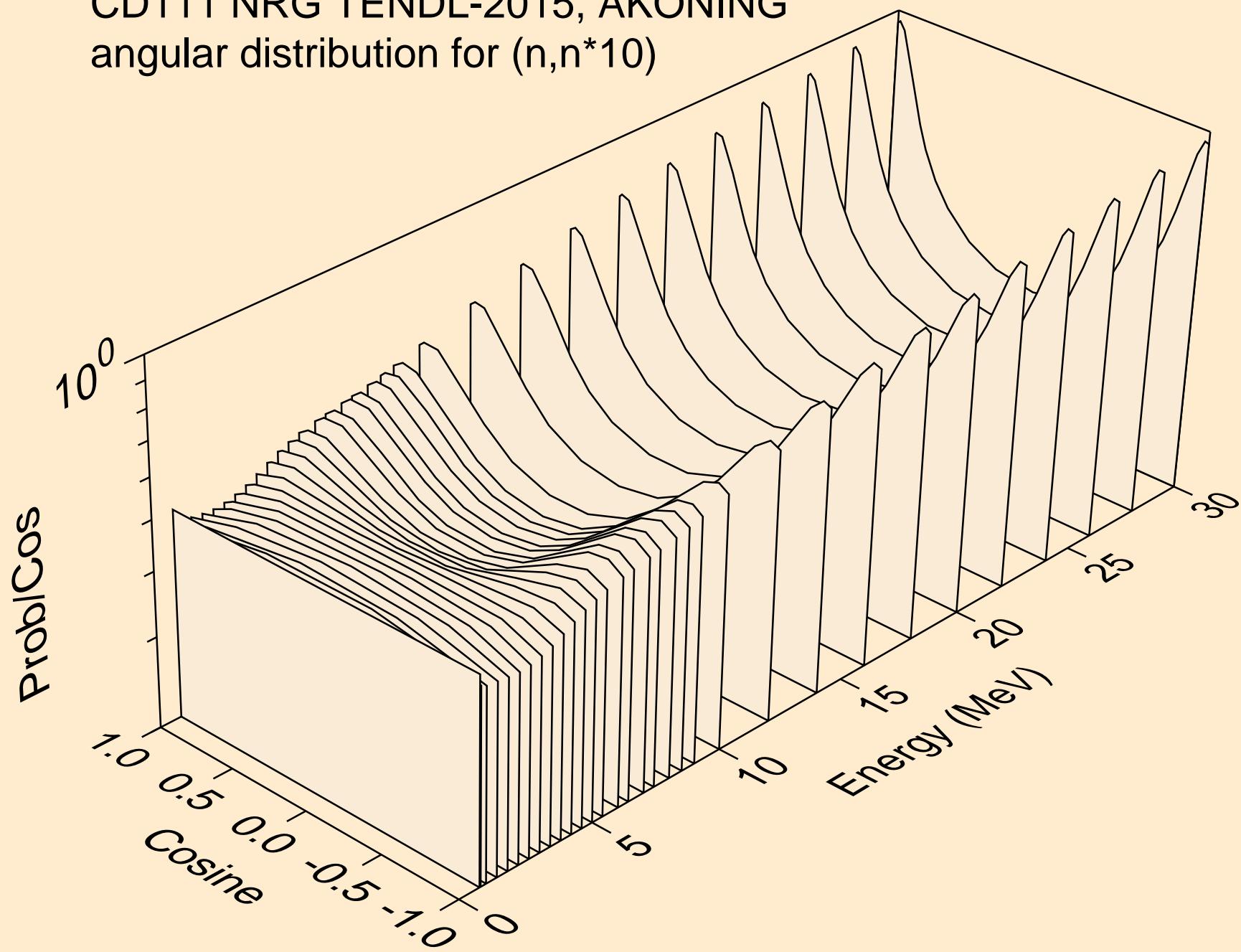
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



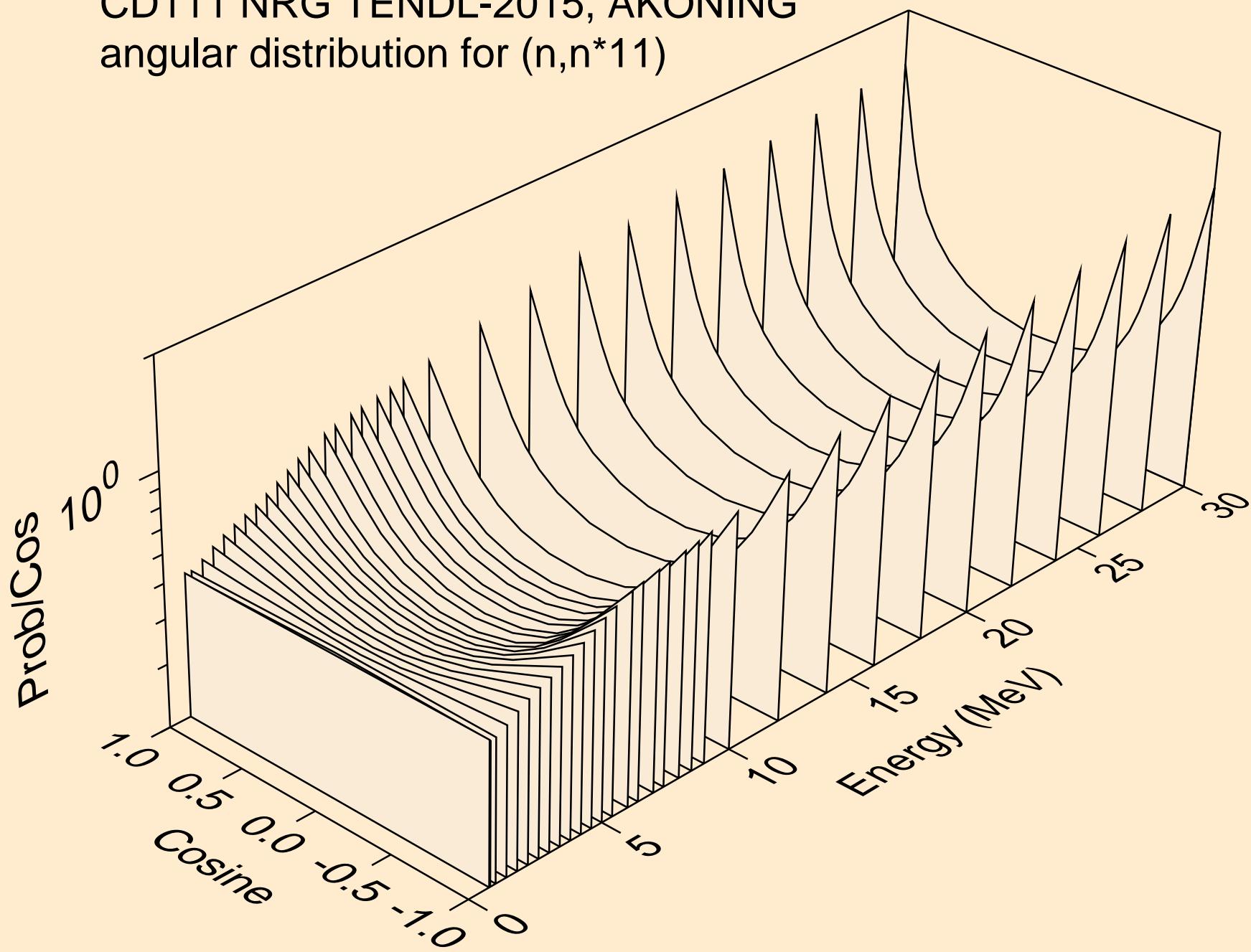
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)9$



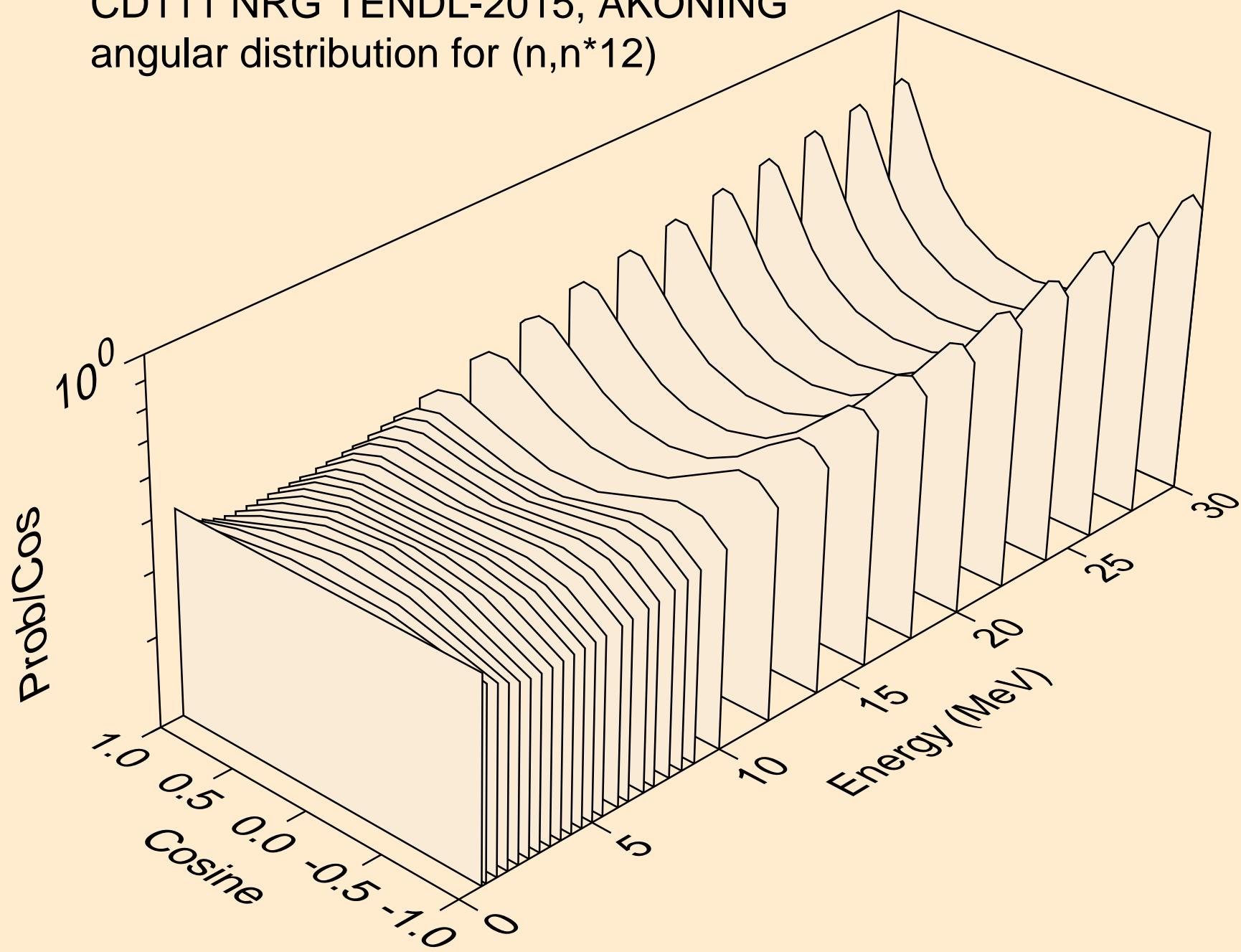
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*10)$



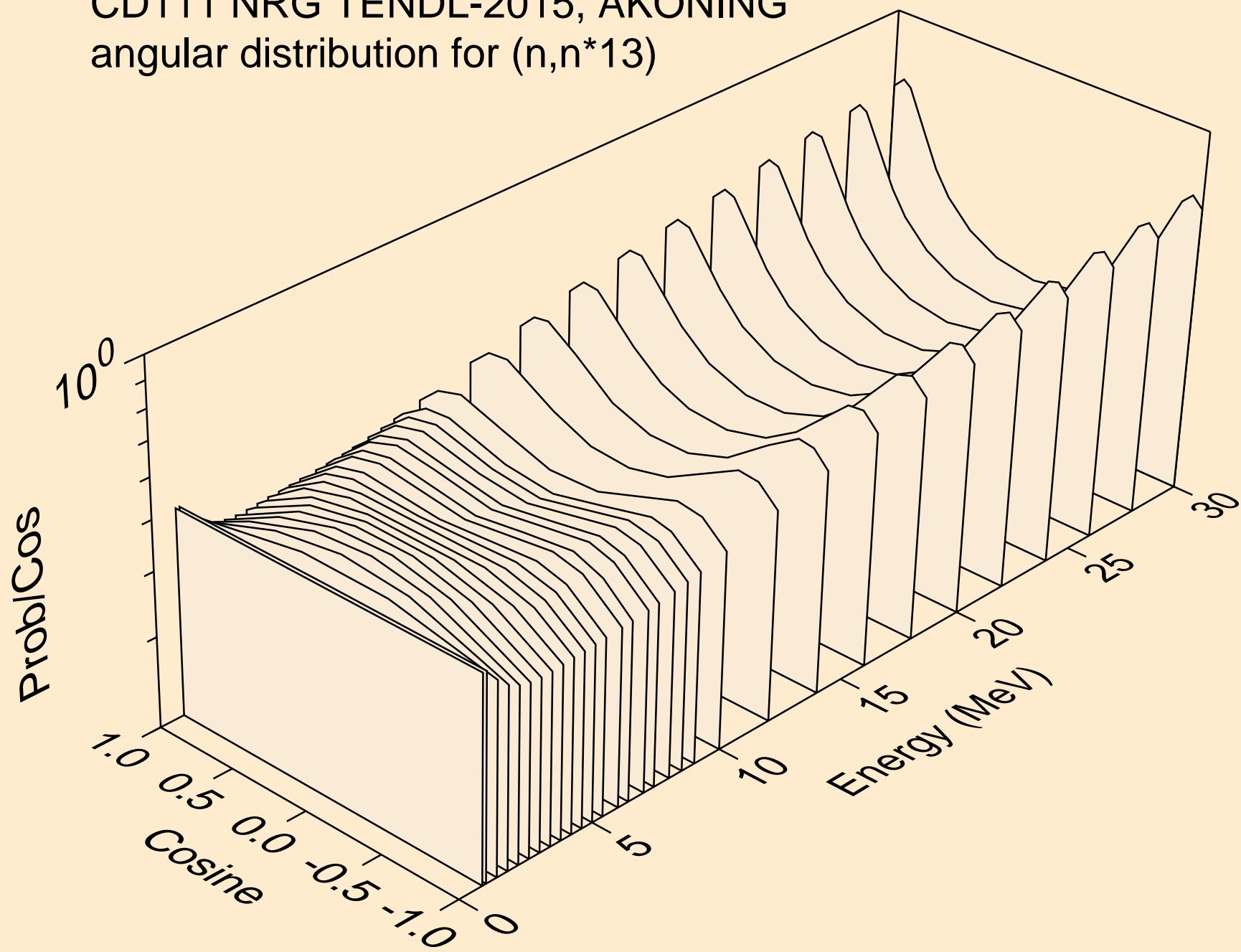
CD111 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



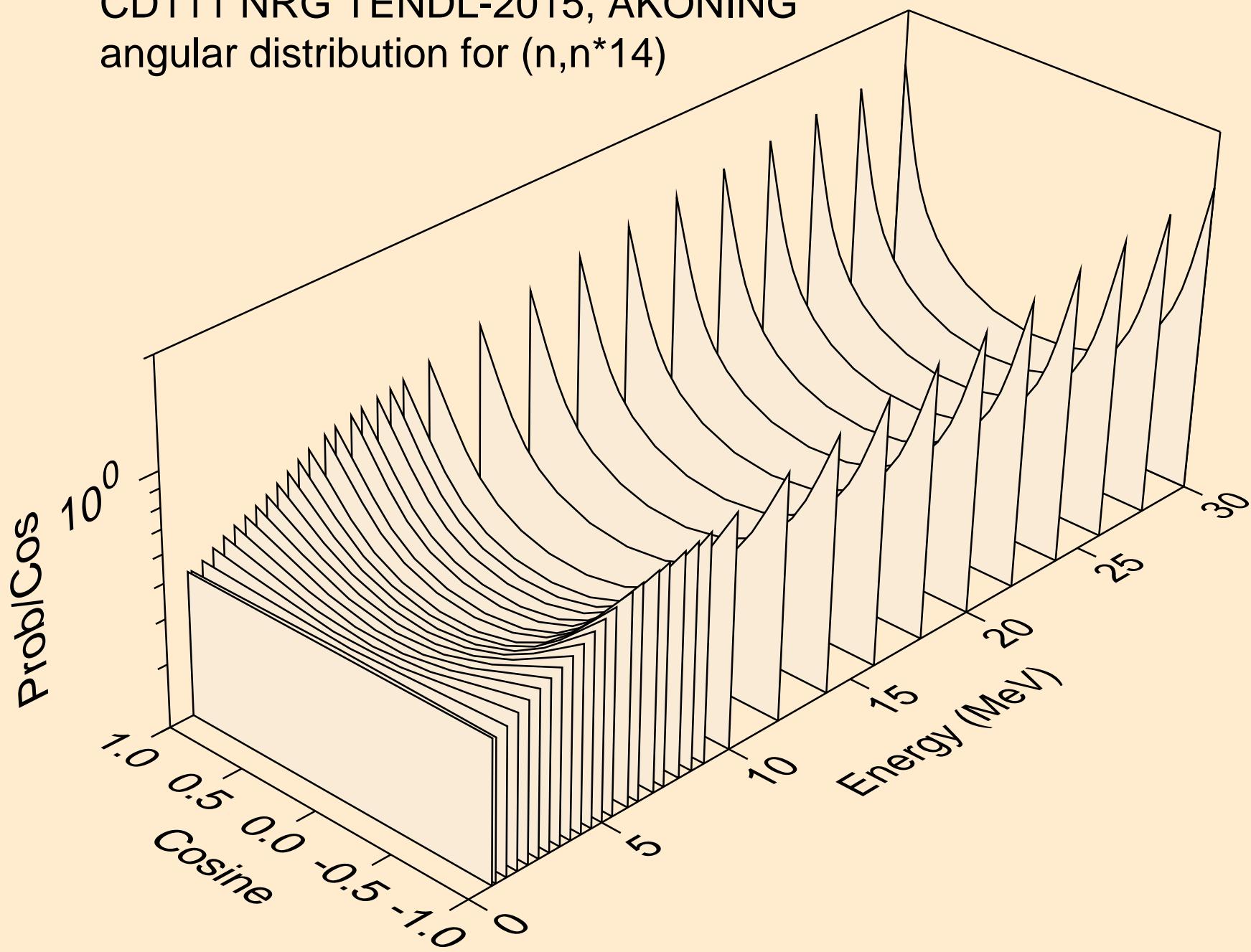
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*12)$



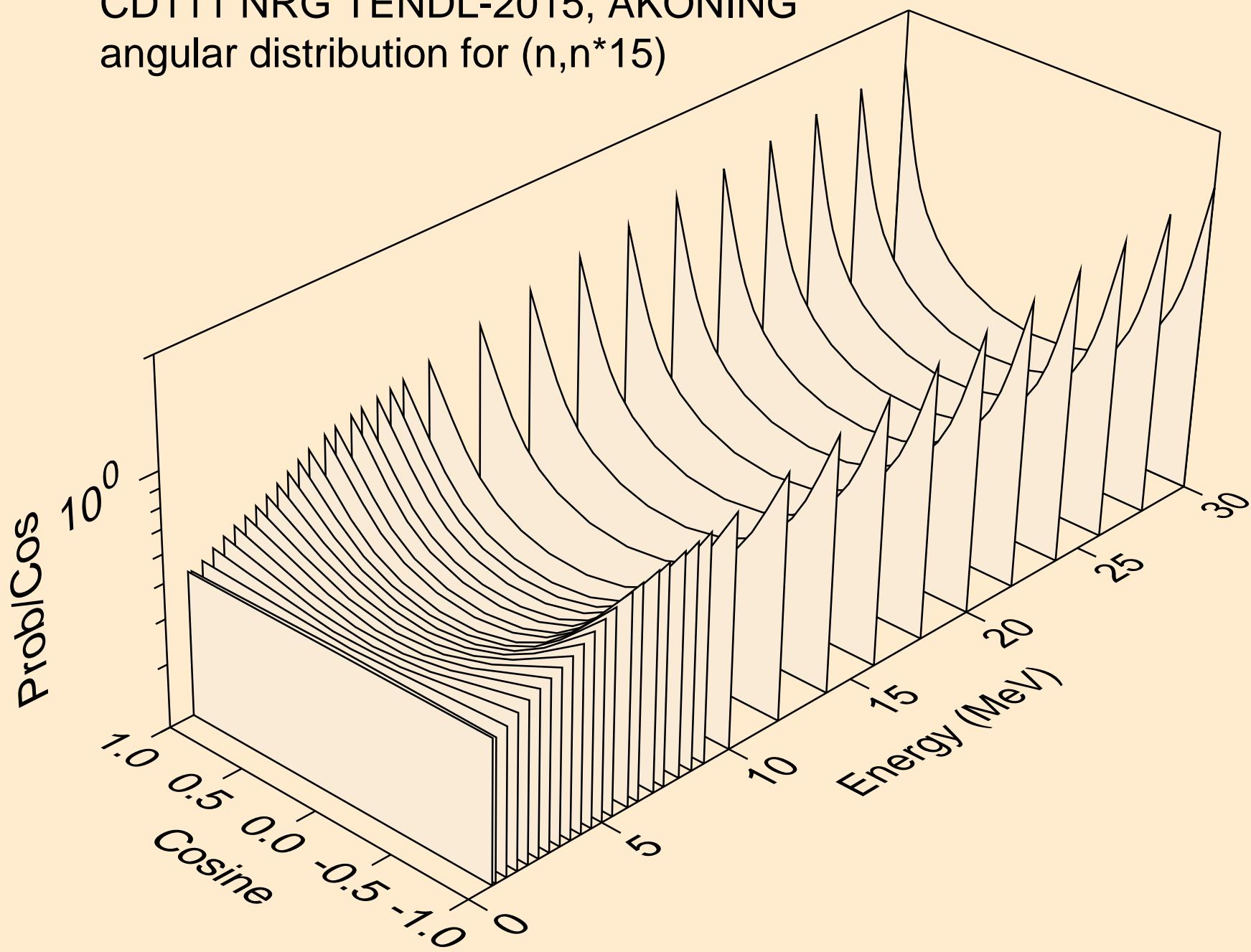
CD111 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



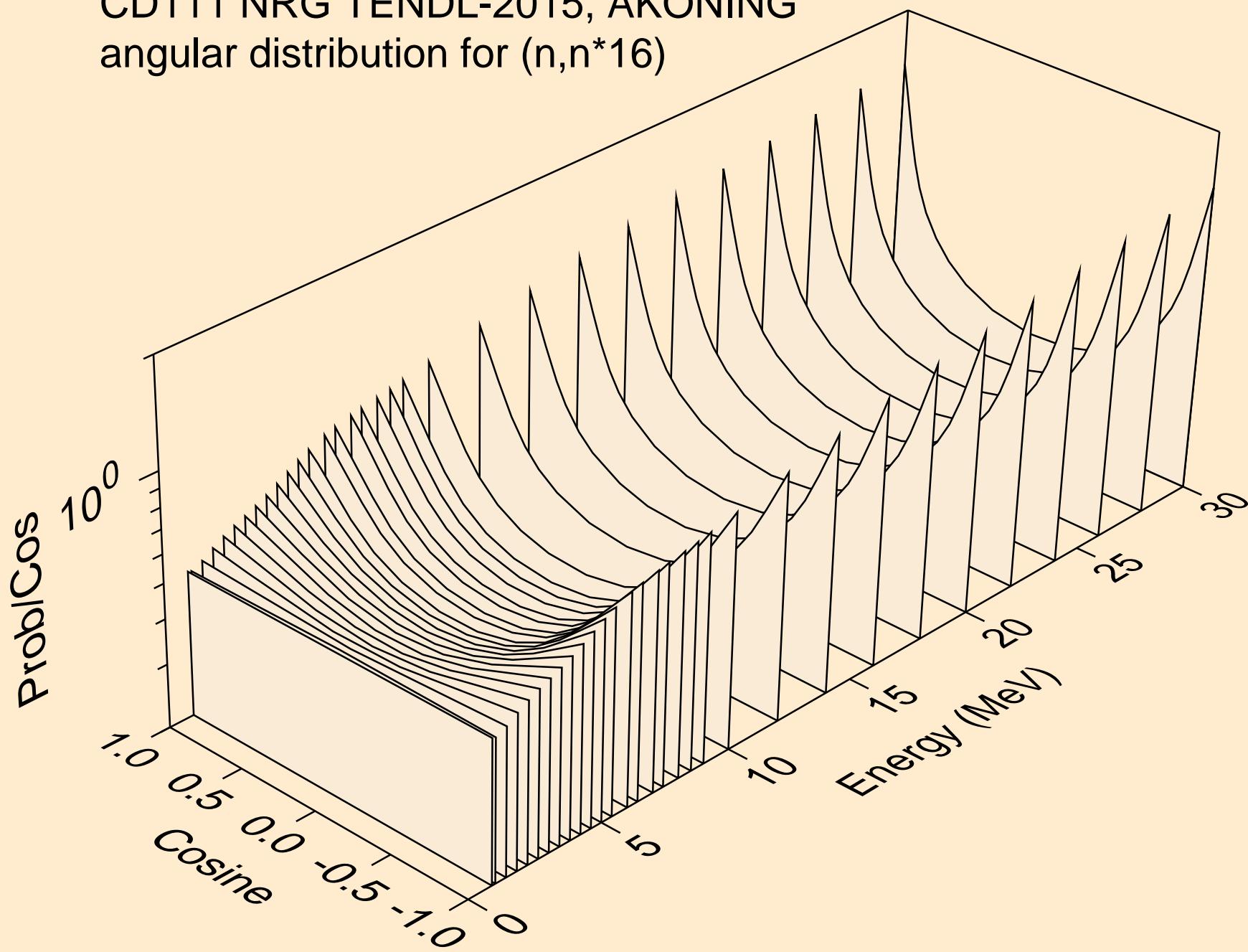
CD111 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



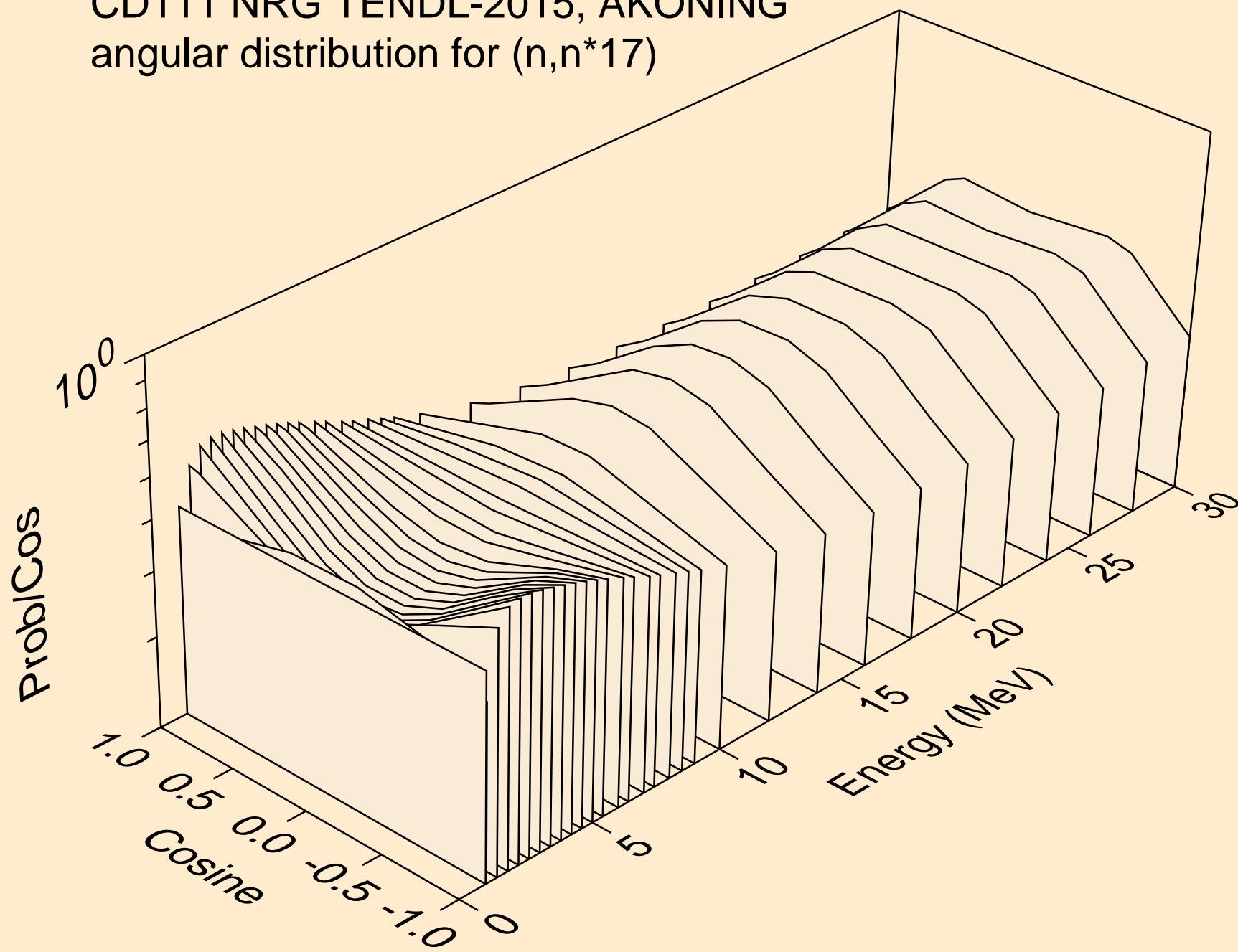
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*15)$



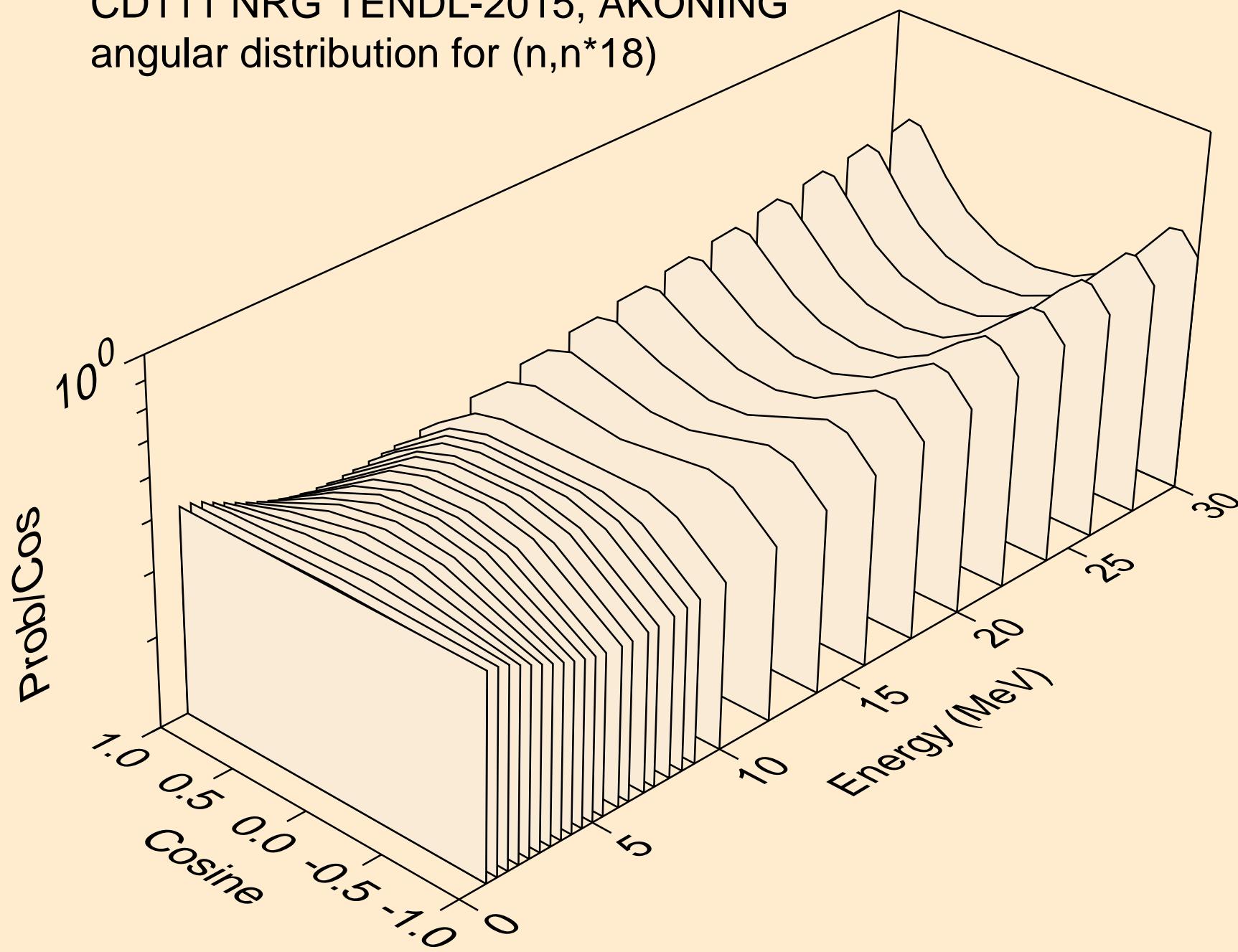
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*16)$



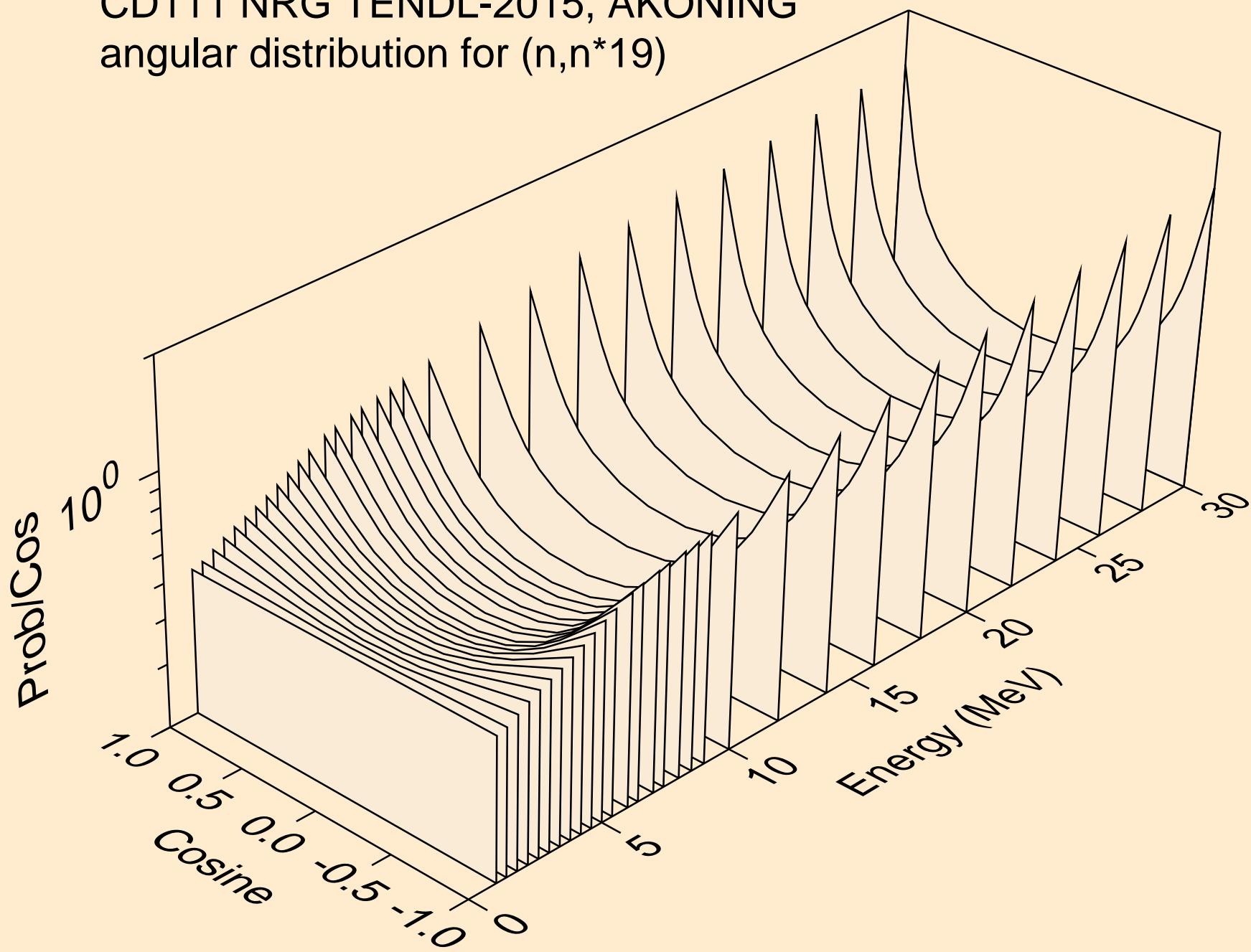
CD111 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



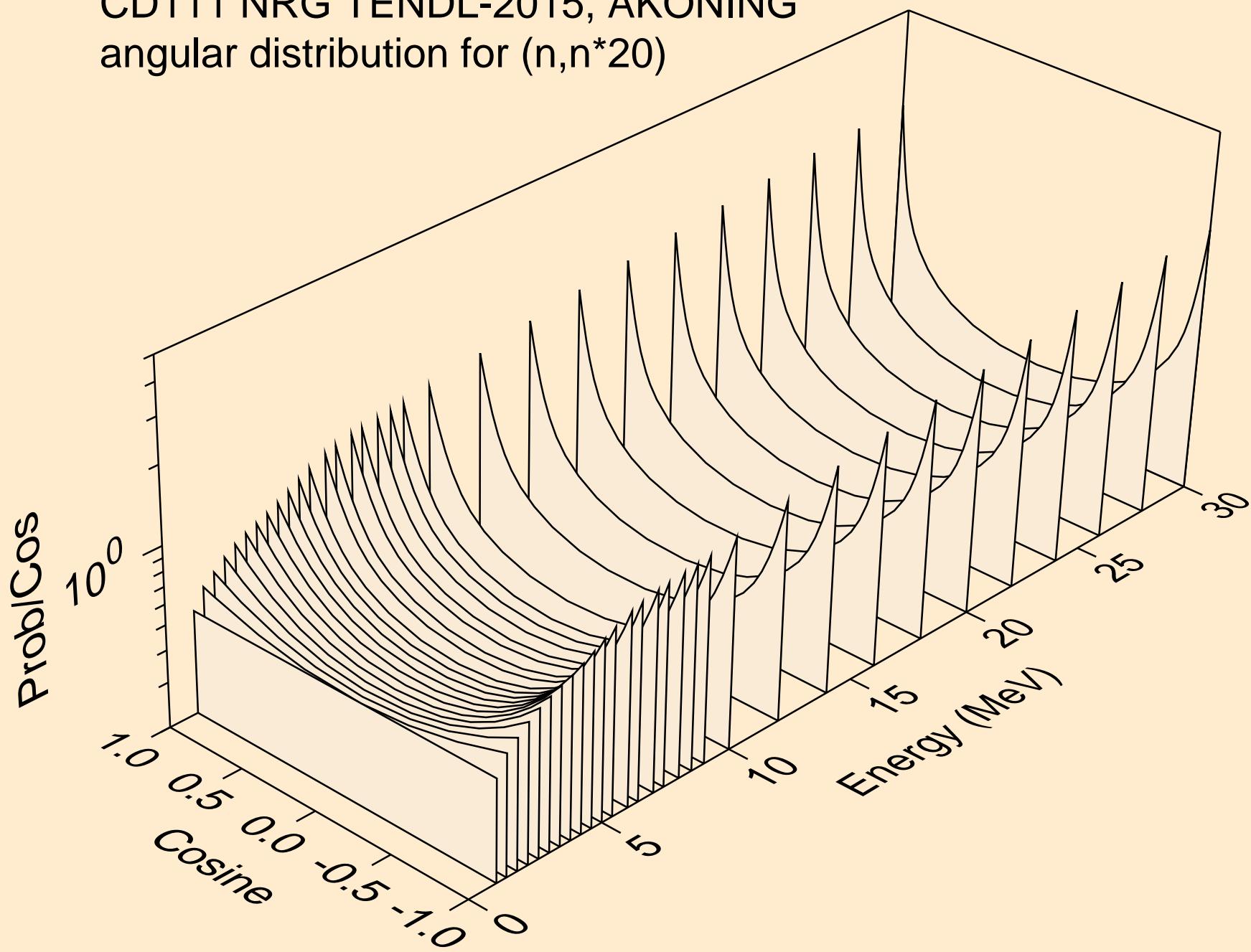
CD111 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



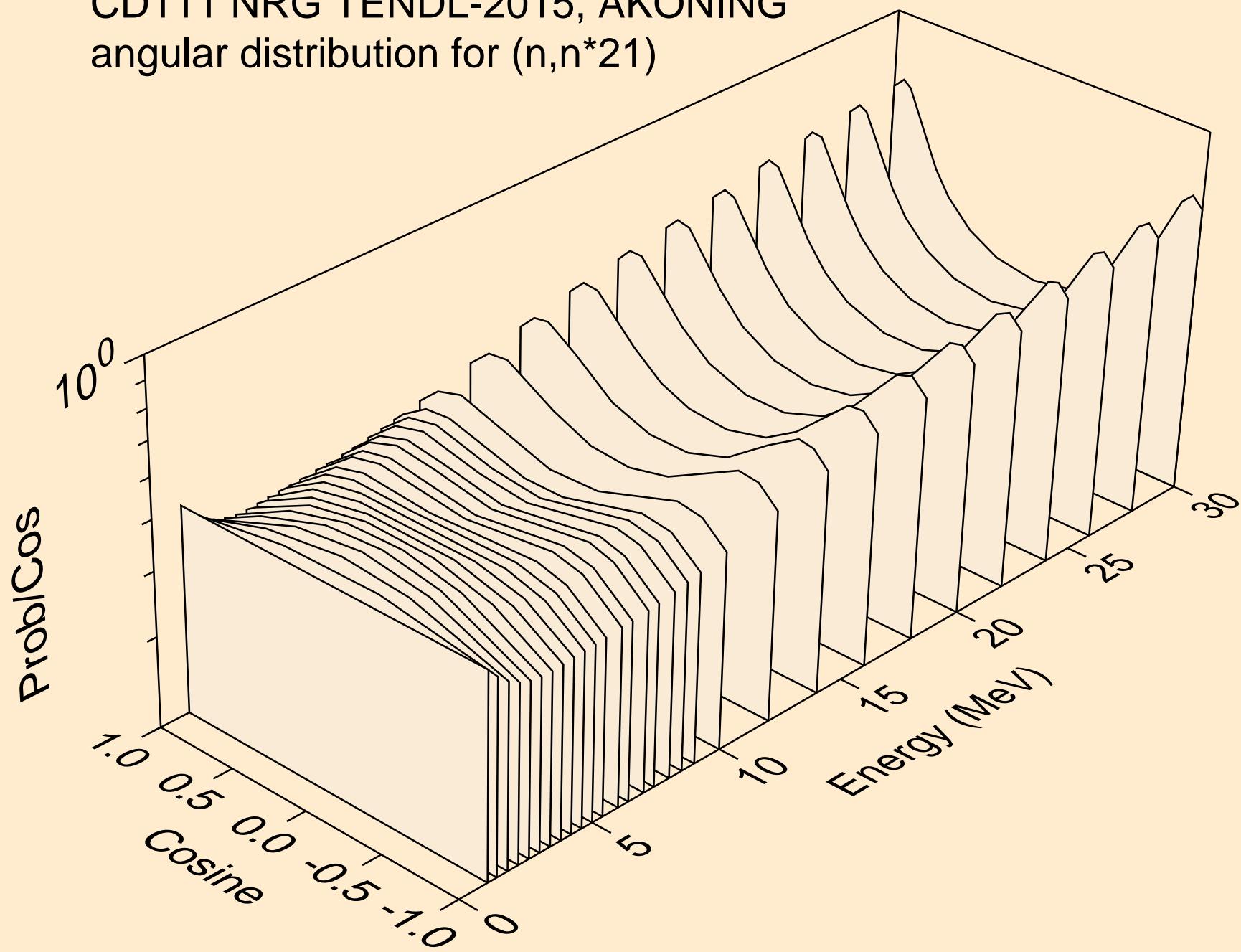
CD111 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



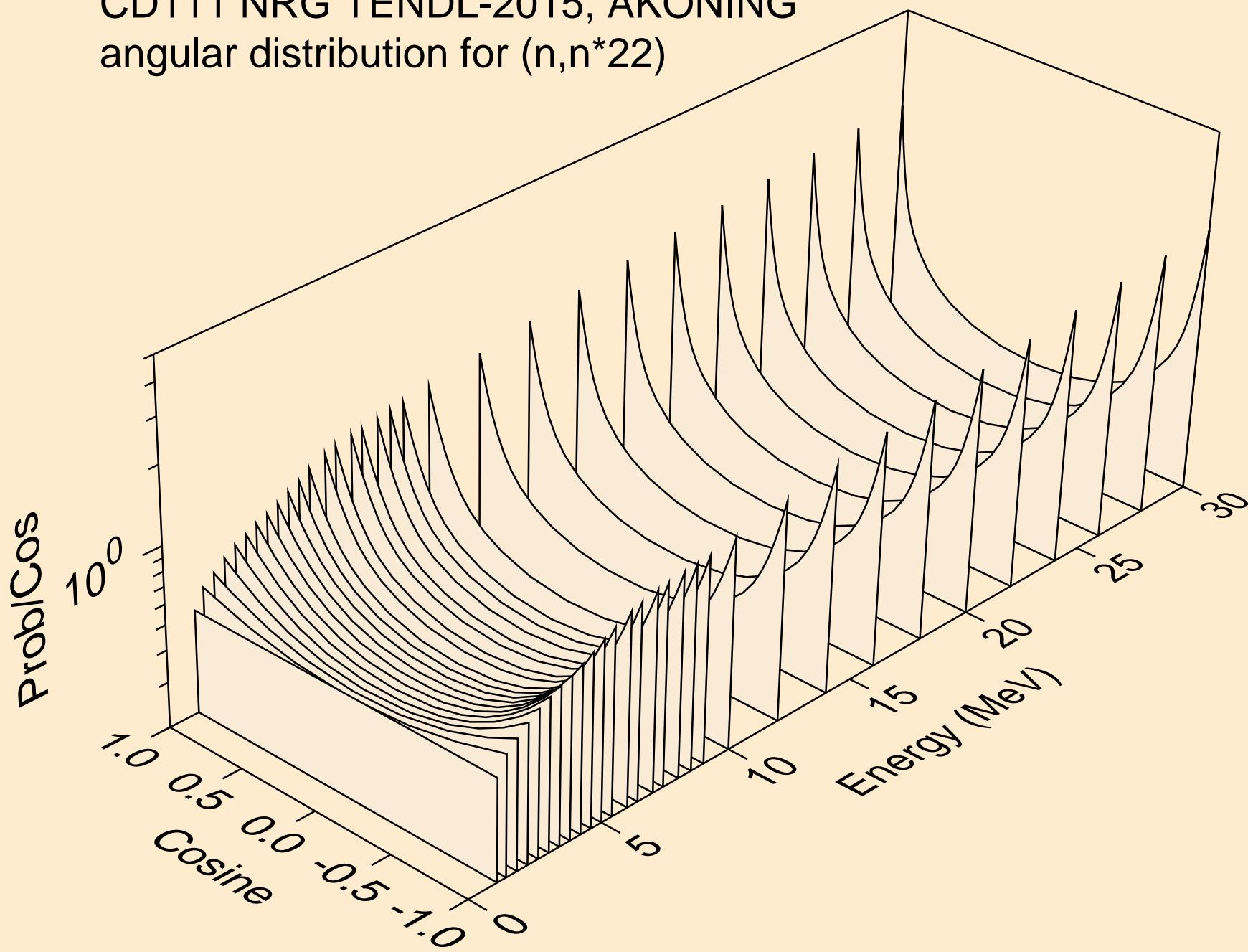
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)$  20



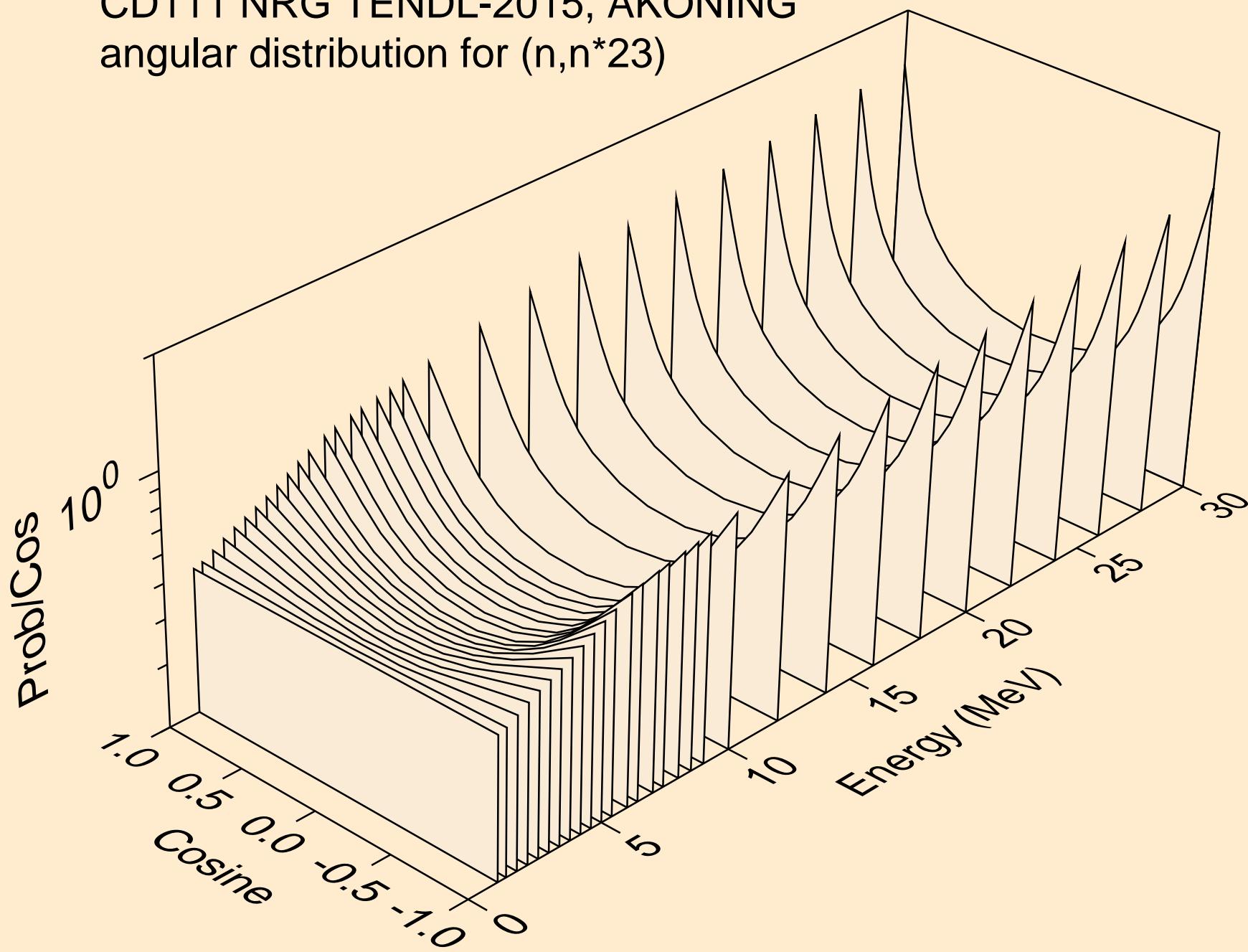
CD111 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*21$ )



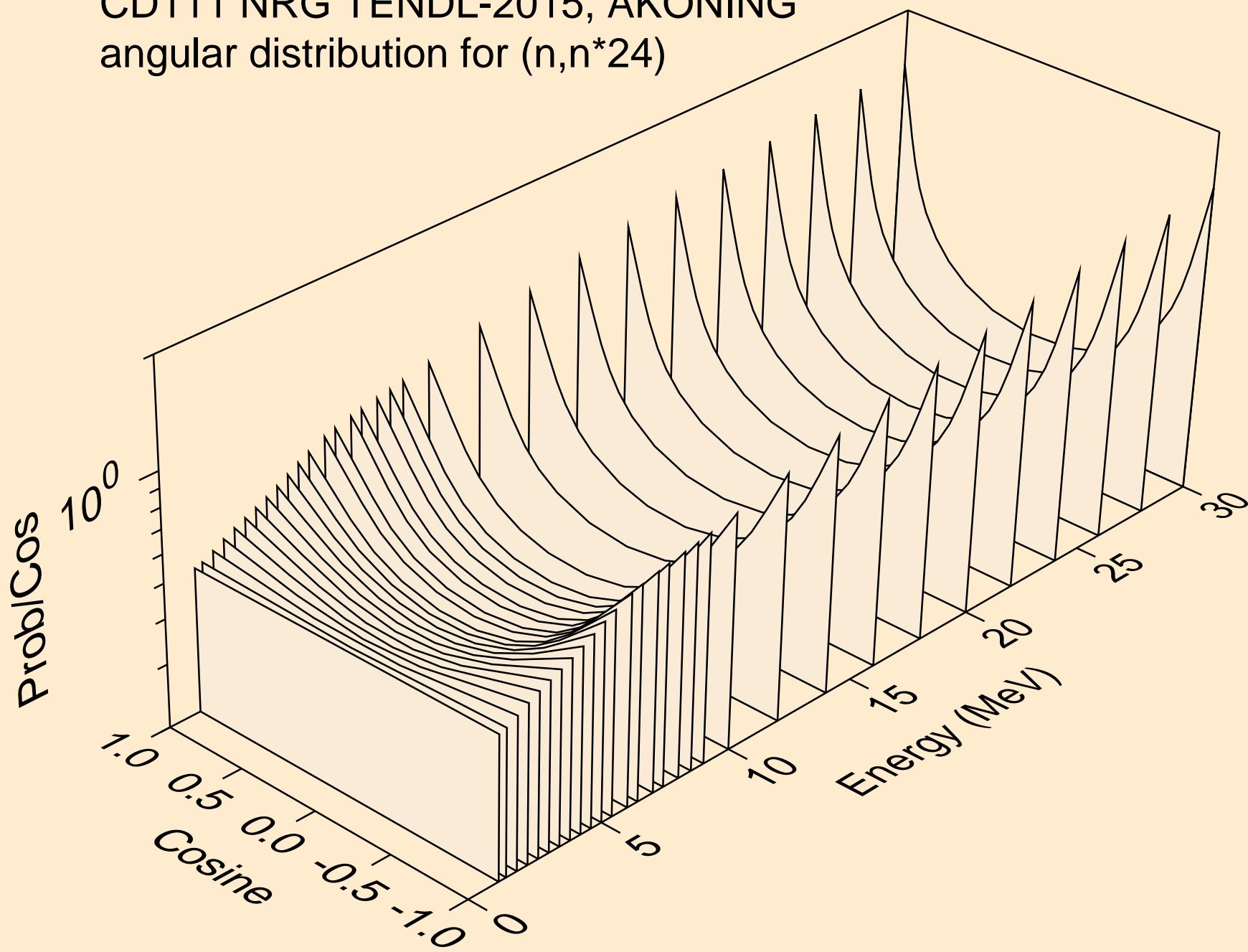
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{22}$



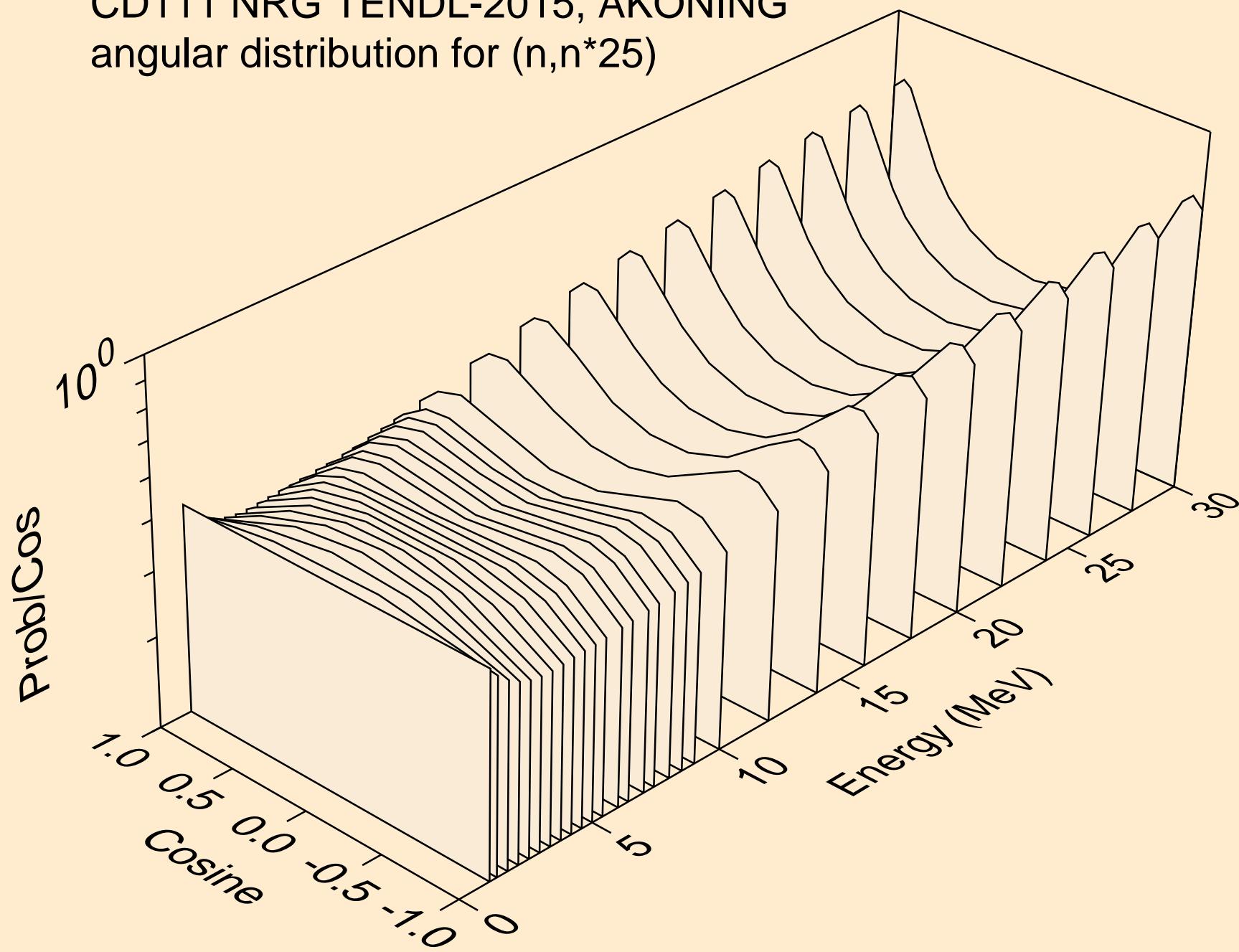
CD111 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



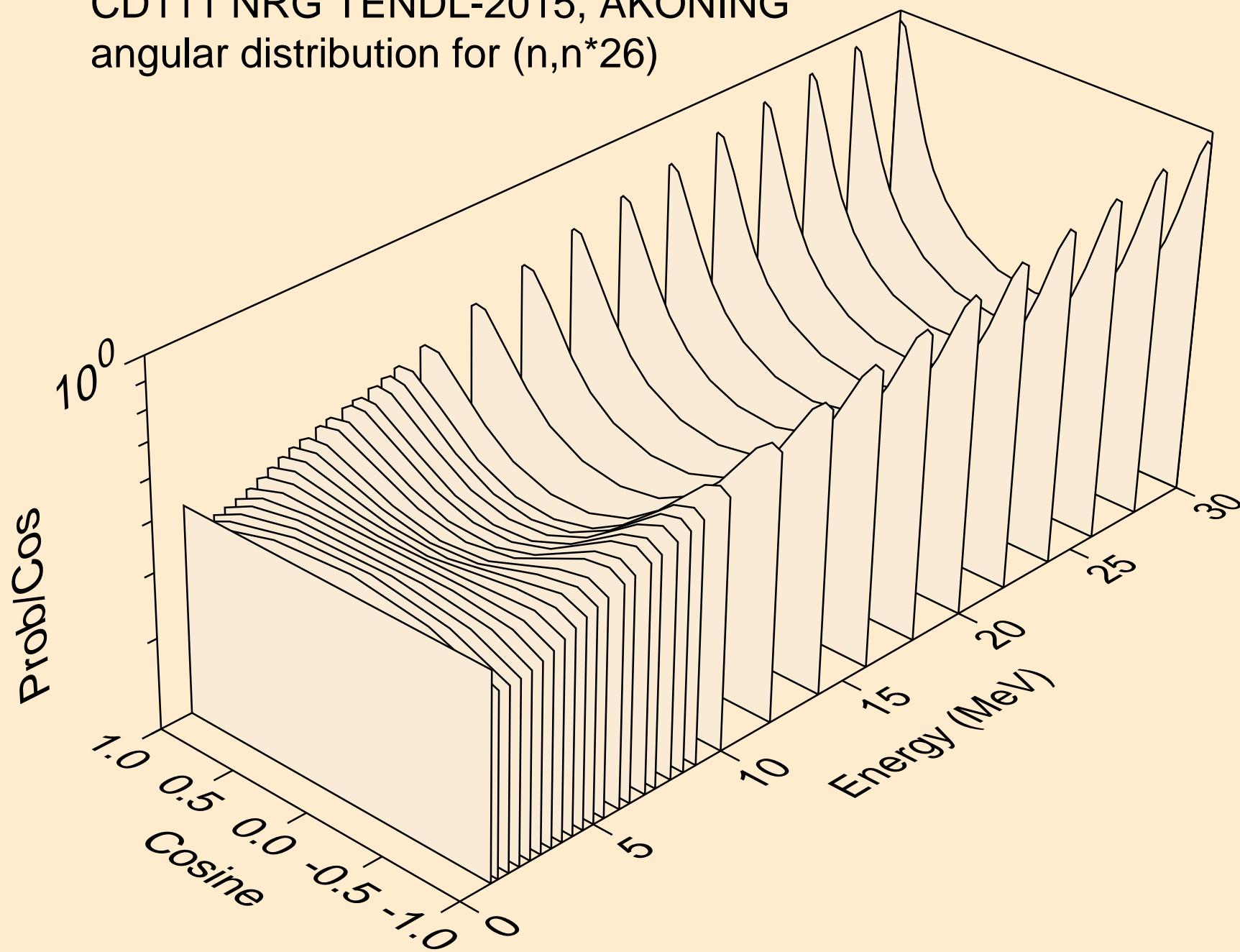
CD111 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



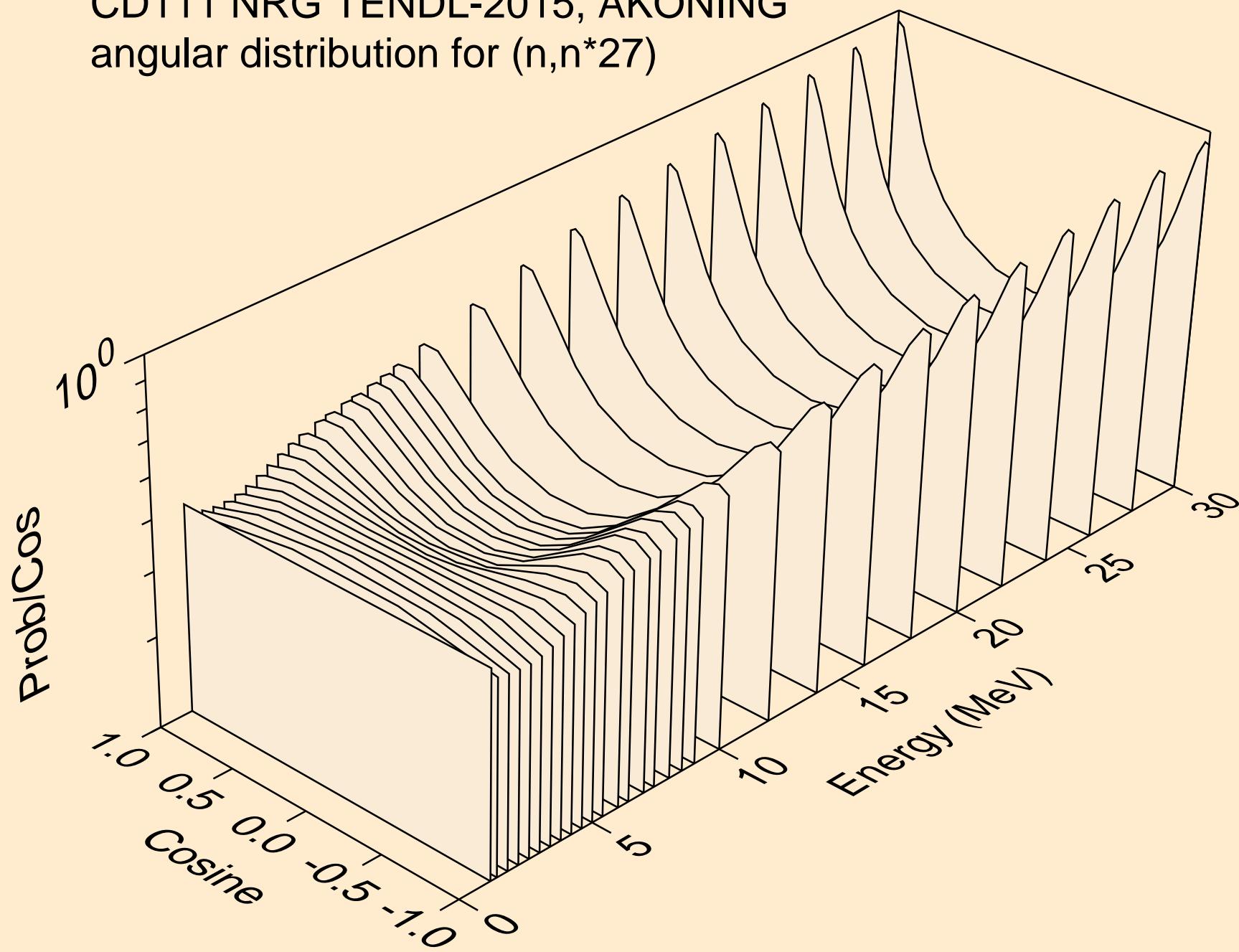
CD111 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



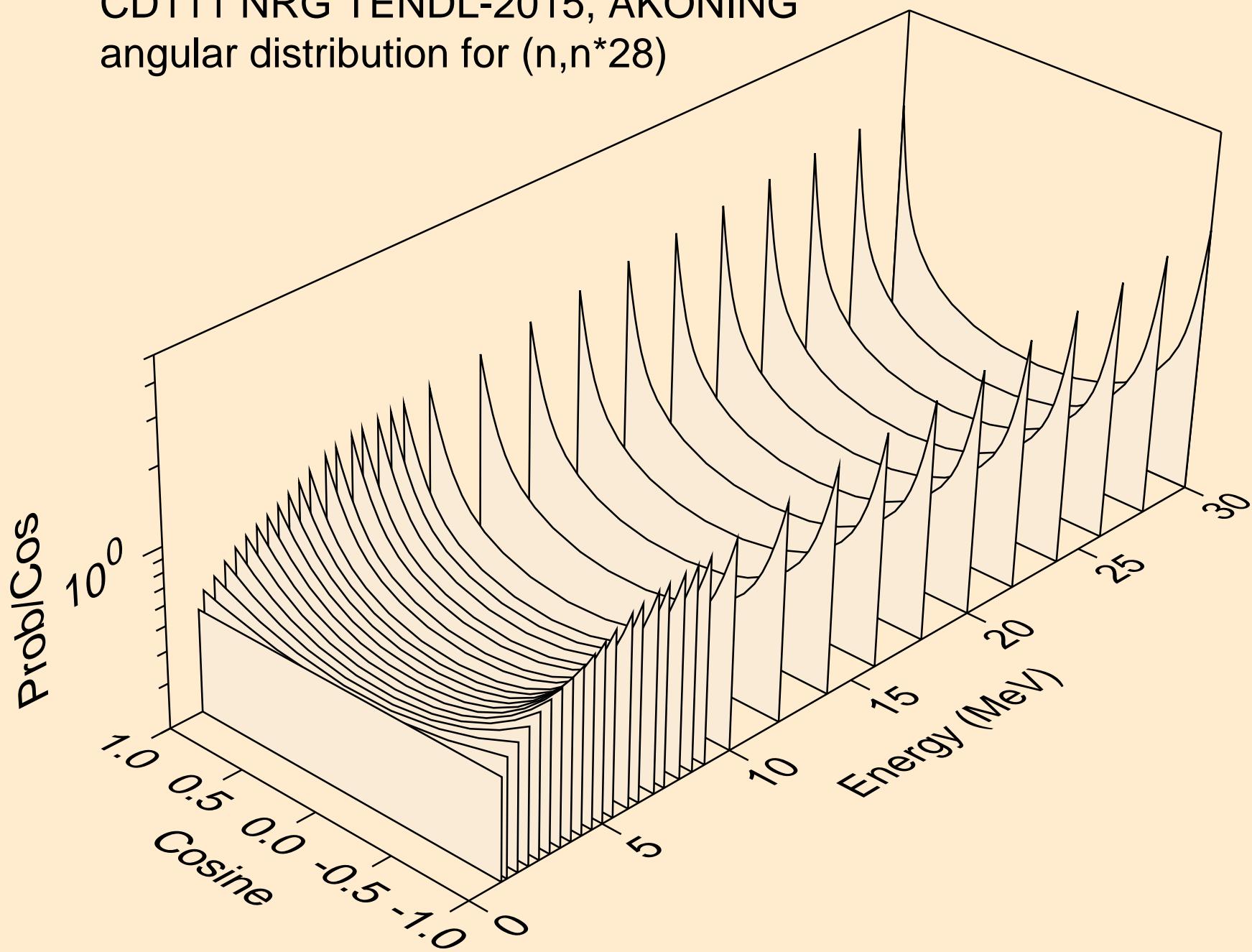
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{26}$



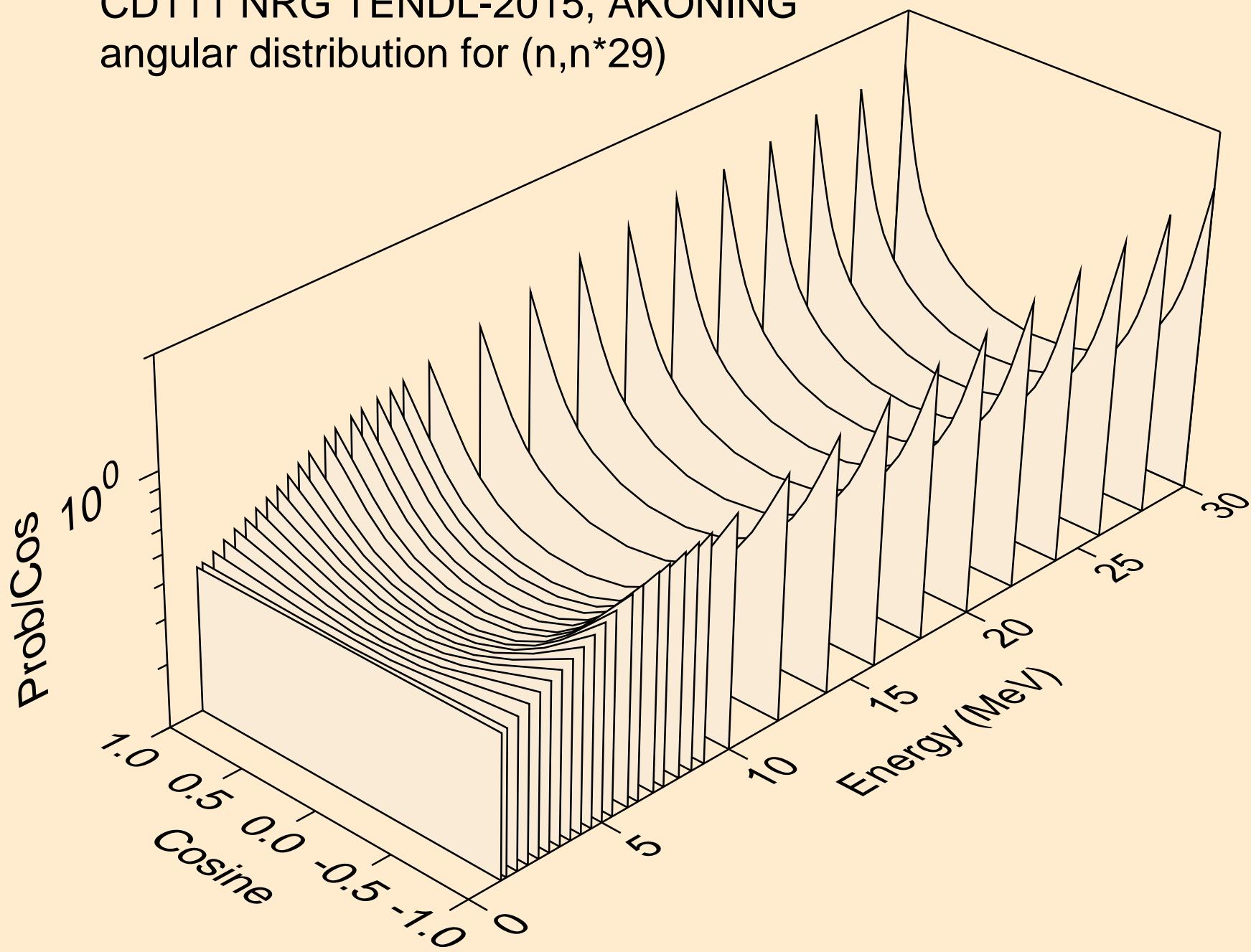
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*{}^{27})$



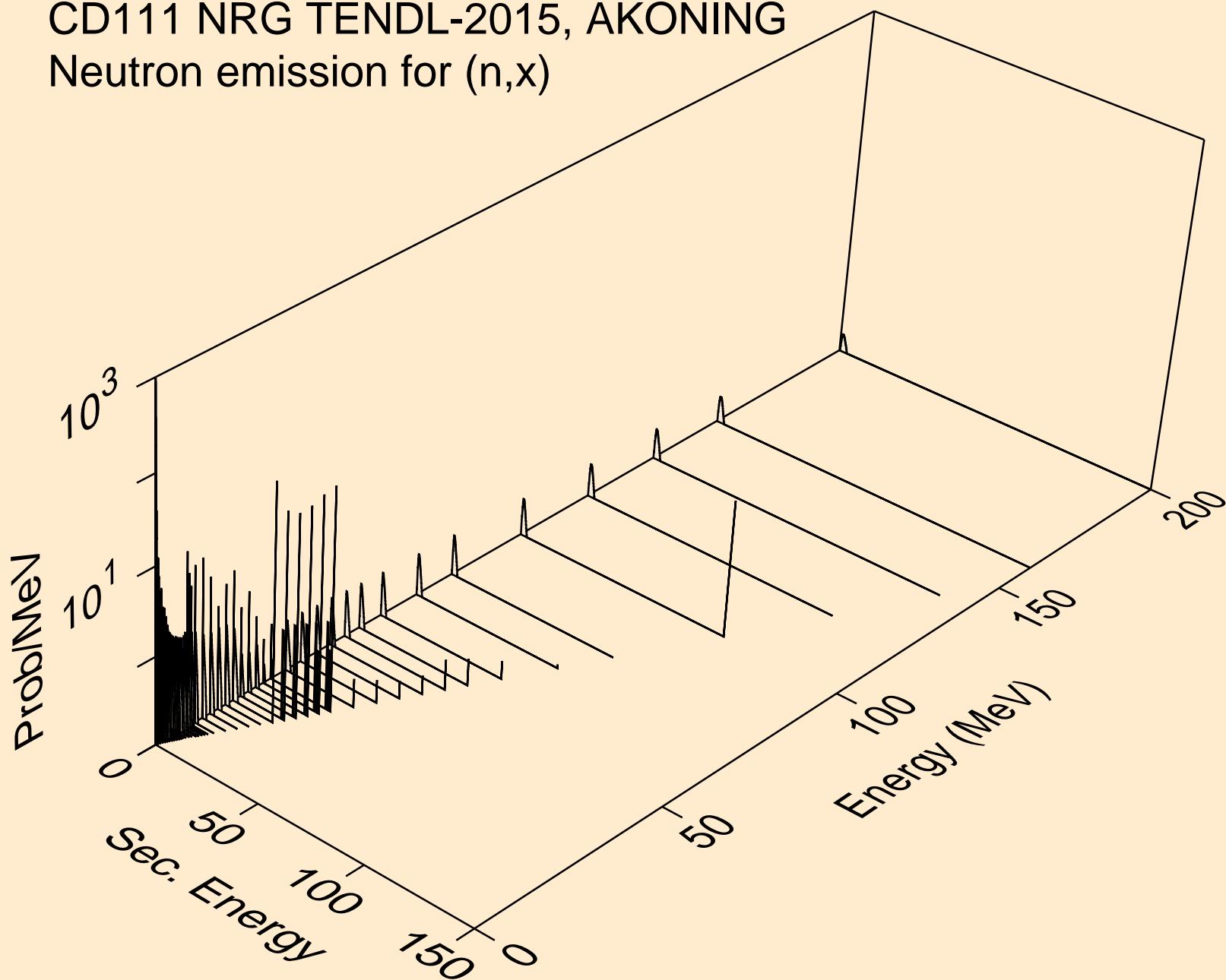
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{28}$



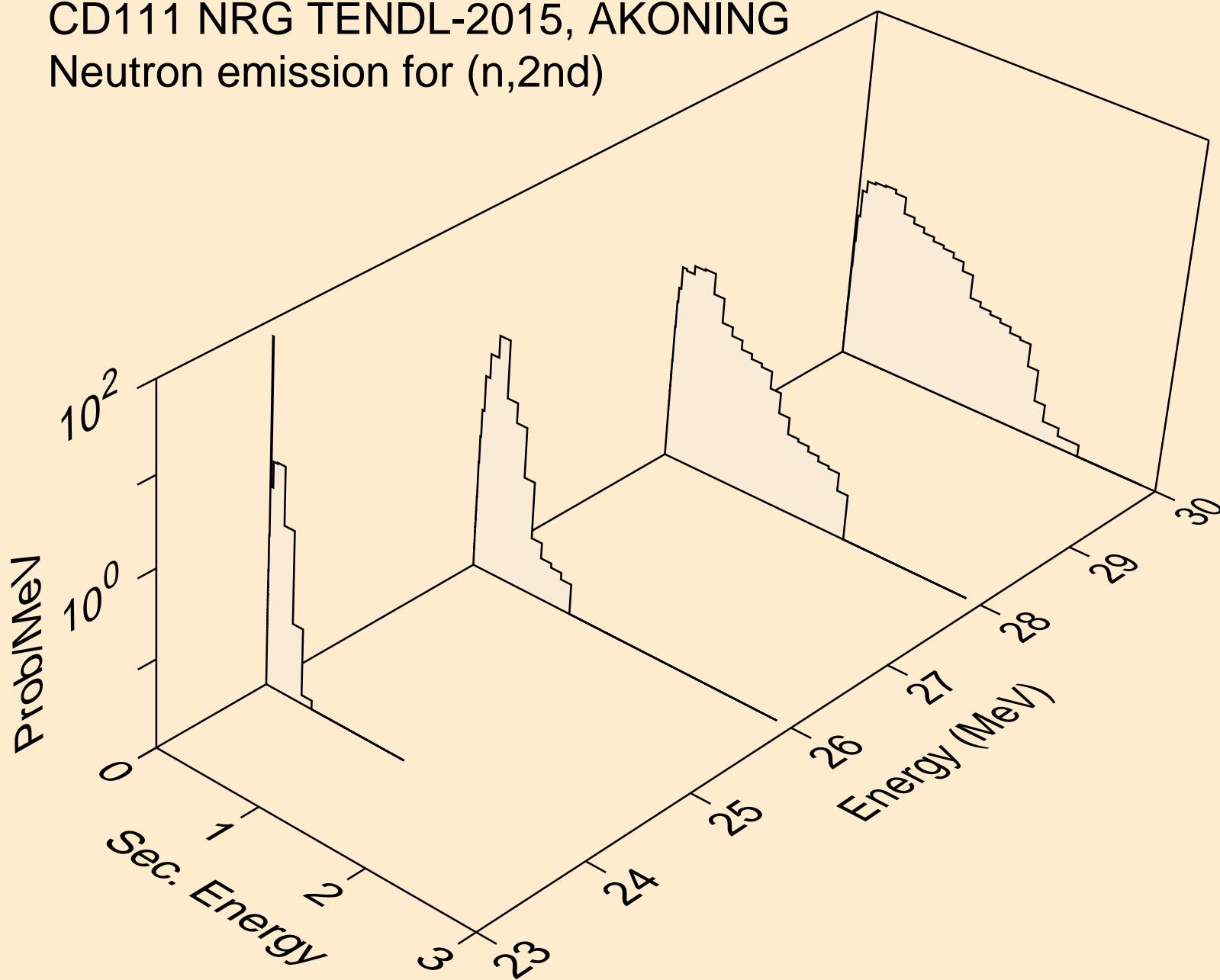
CD111 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{29}$



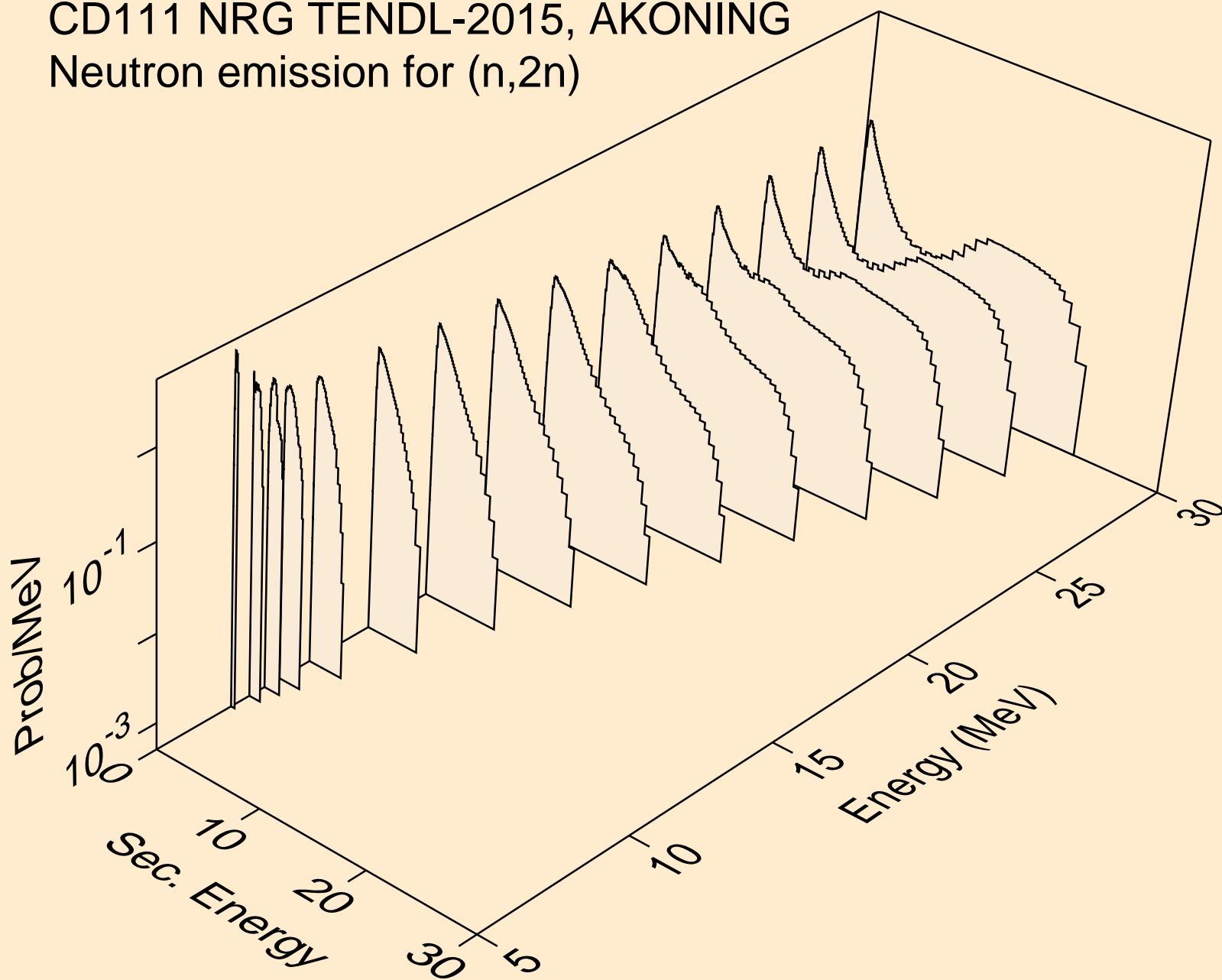
CD111 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



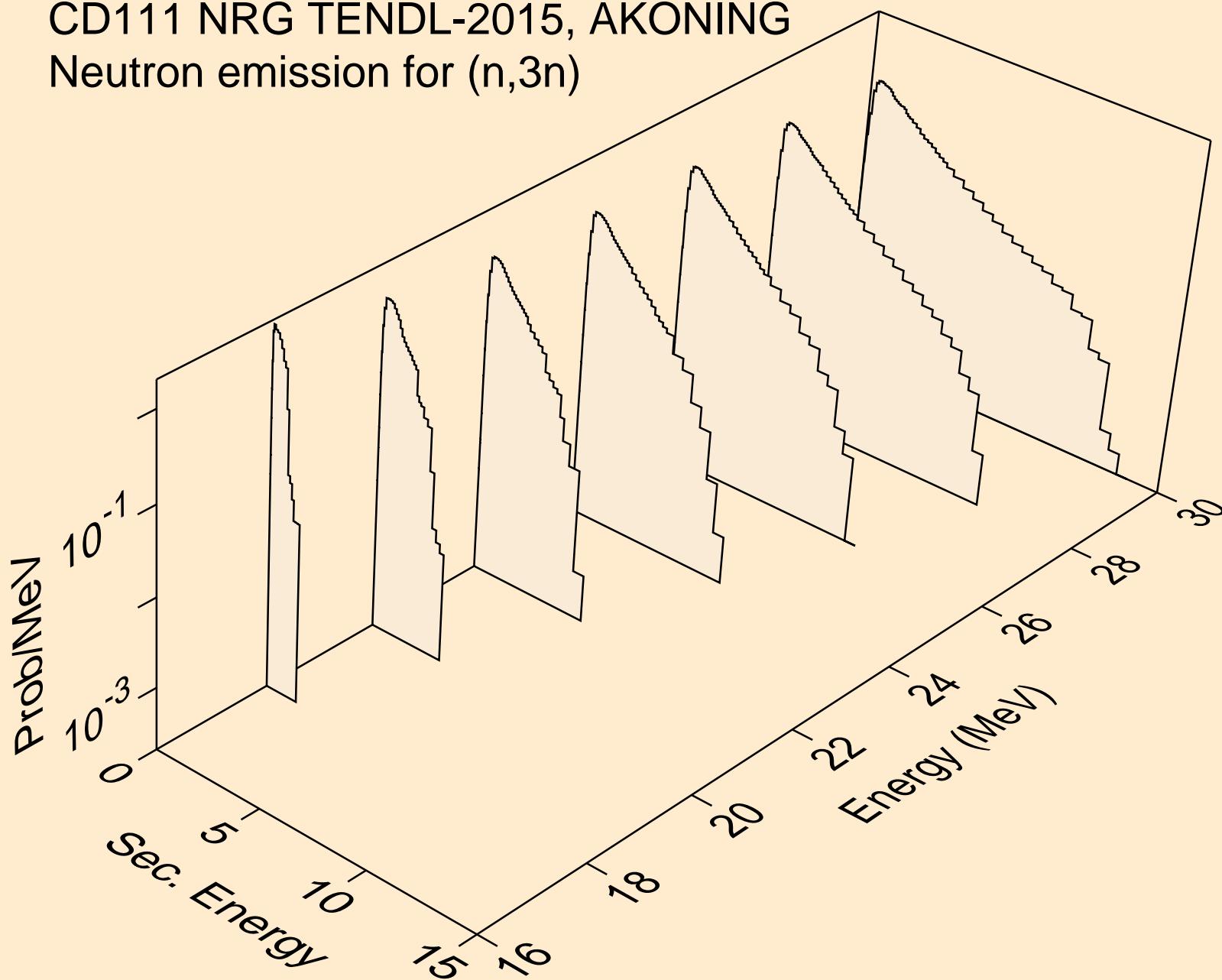
CD111 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



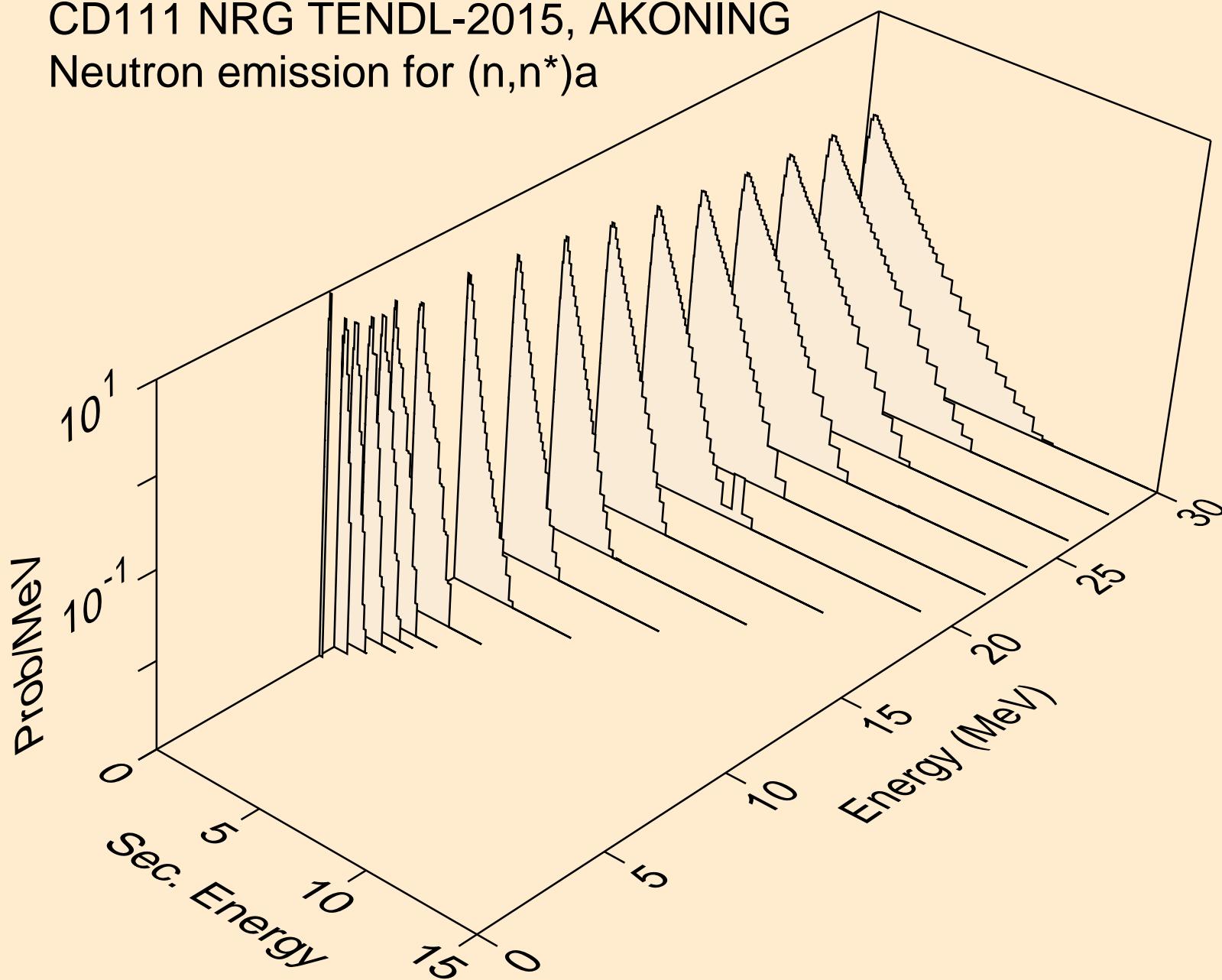
CD111 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



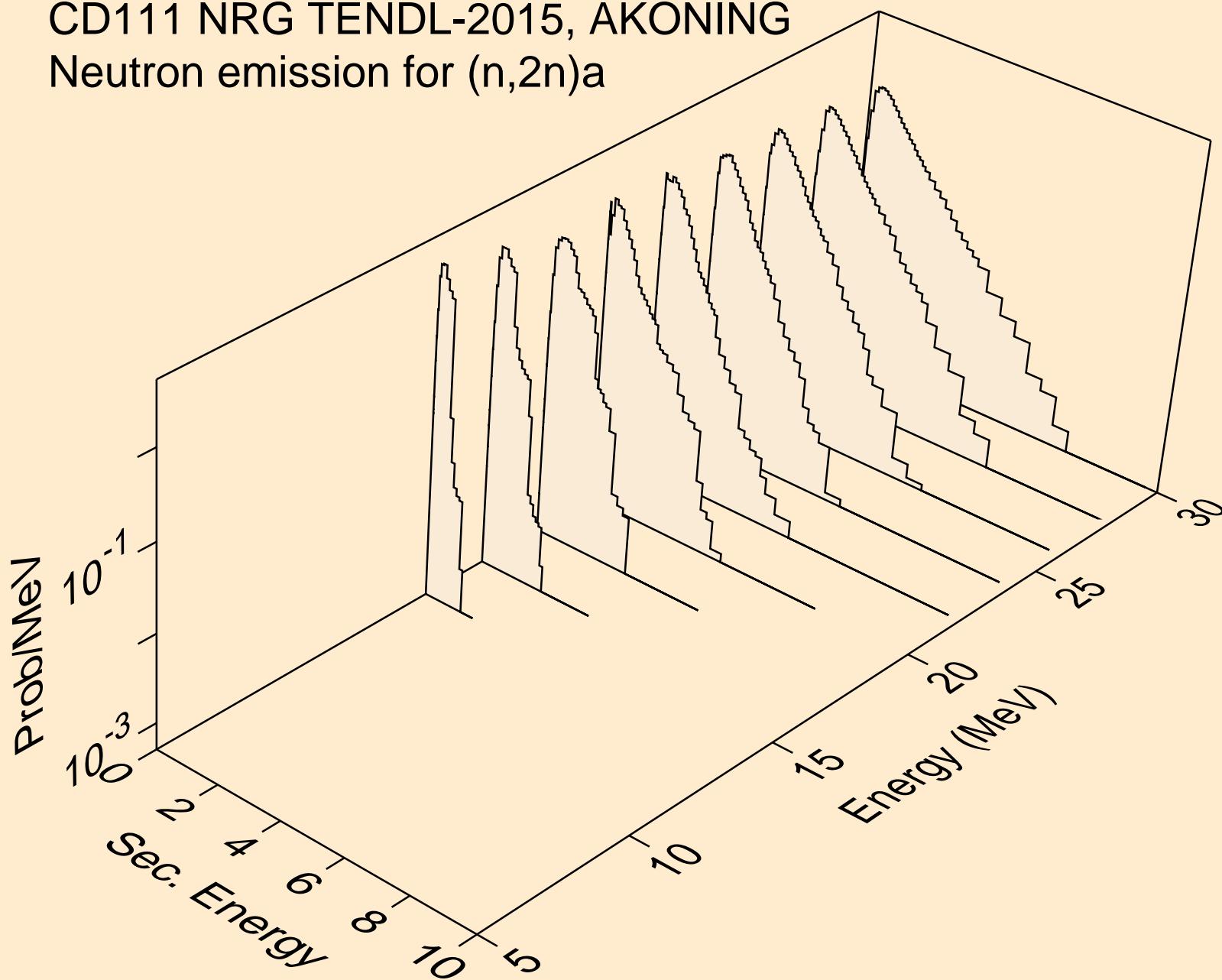
CD111 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



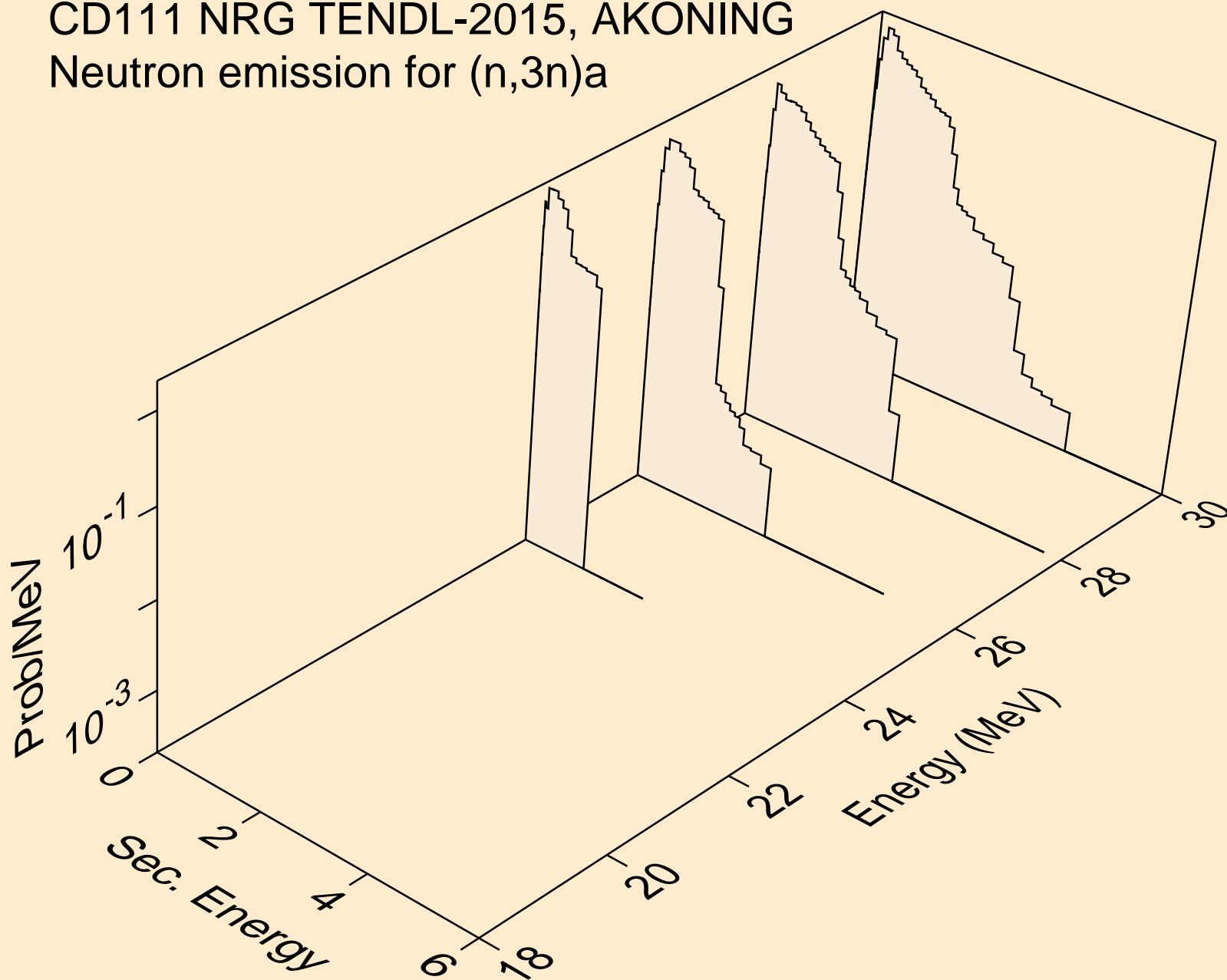
CD111 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



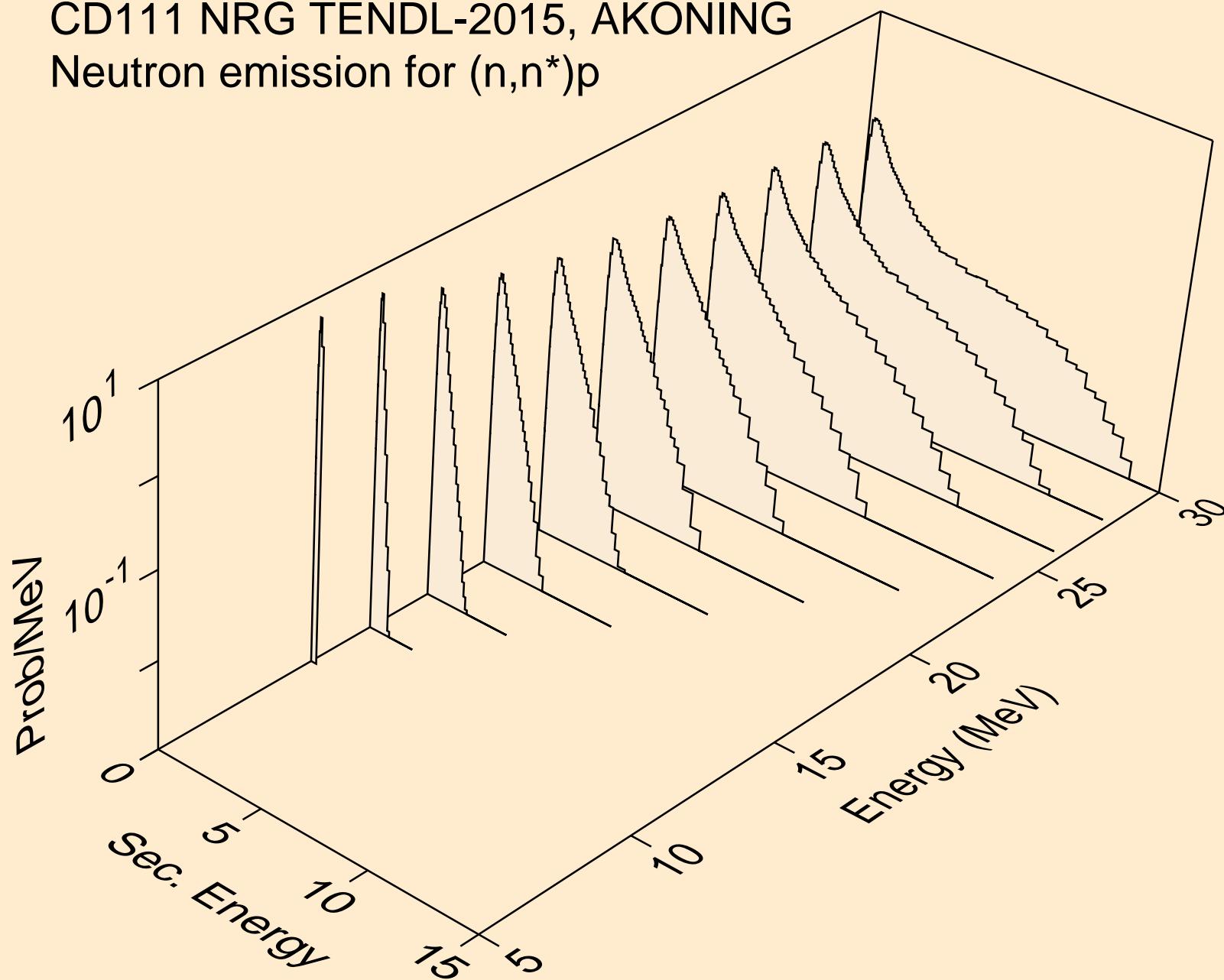
CD111 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



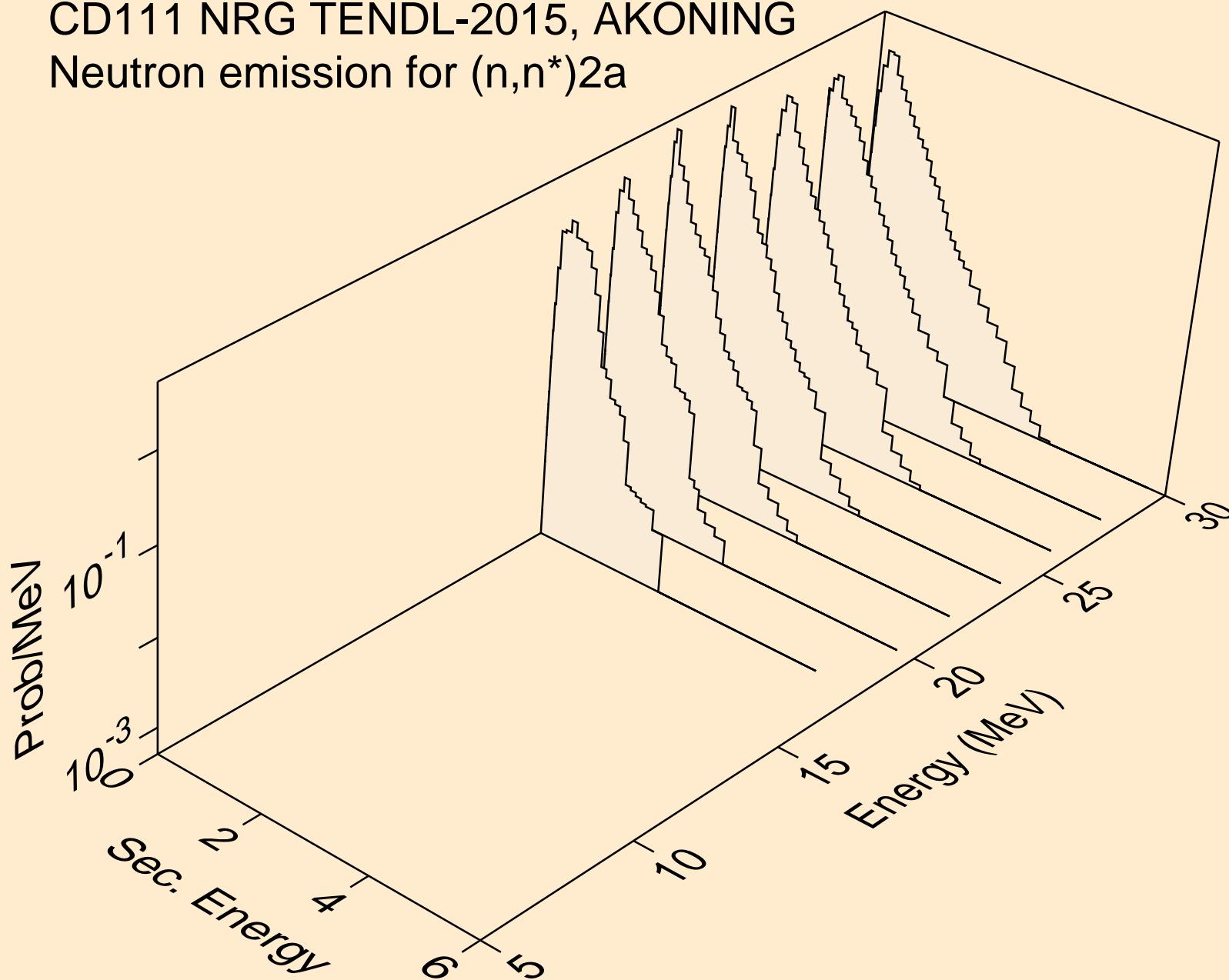
CD111 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



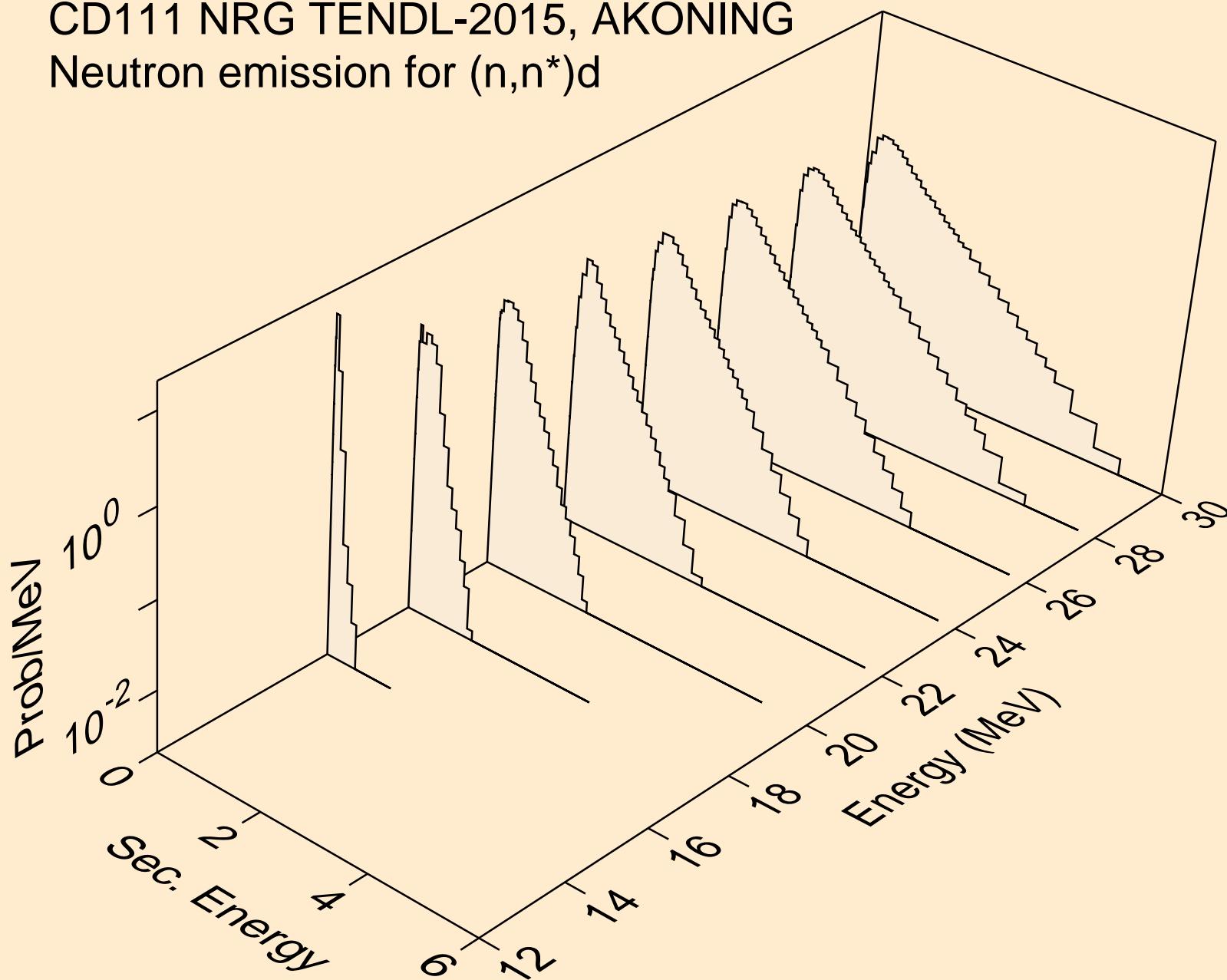
CD111 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



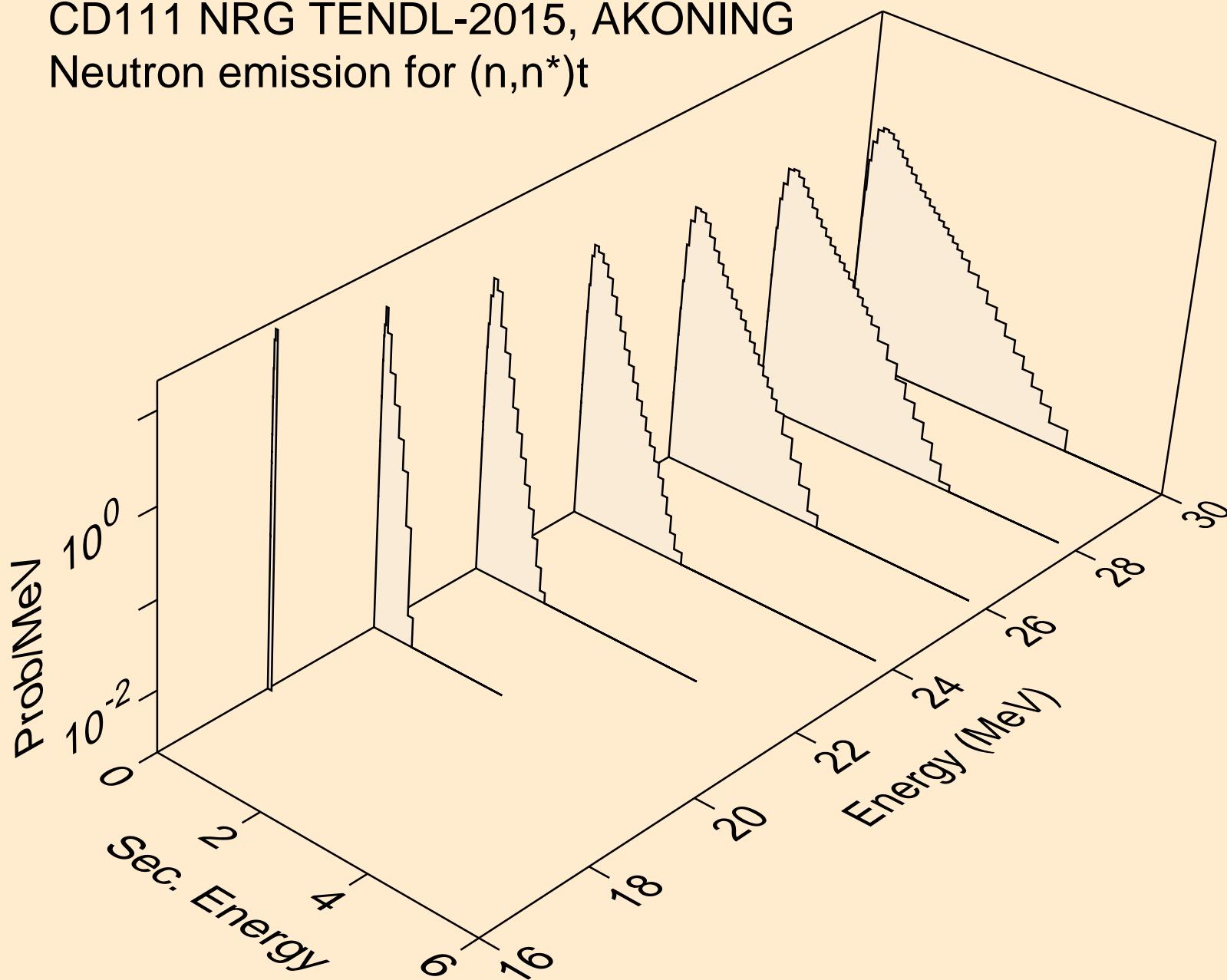
CD111 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



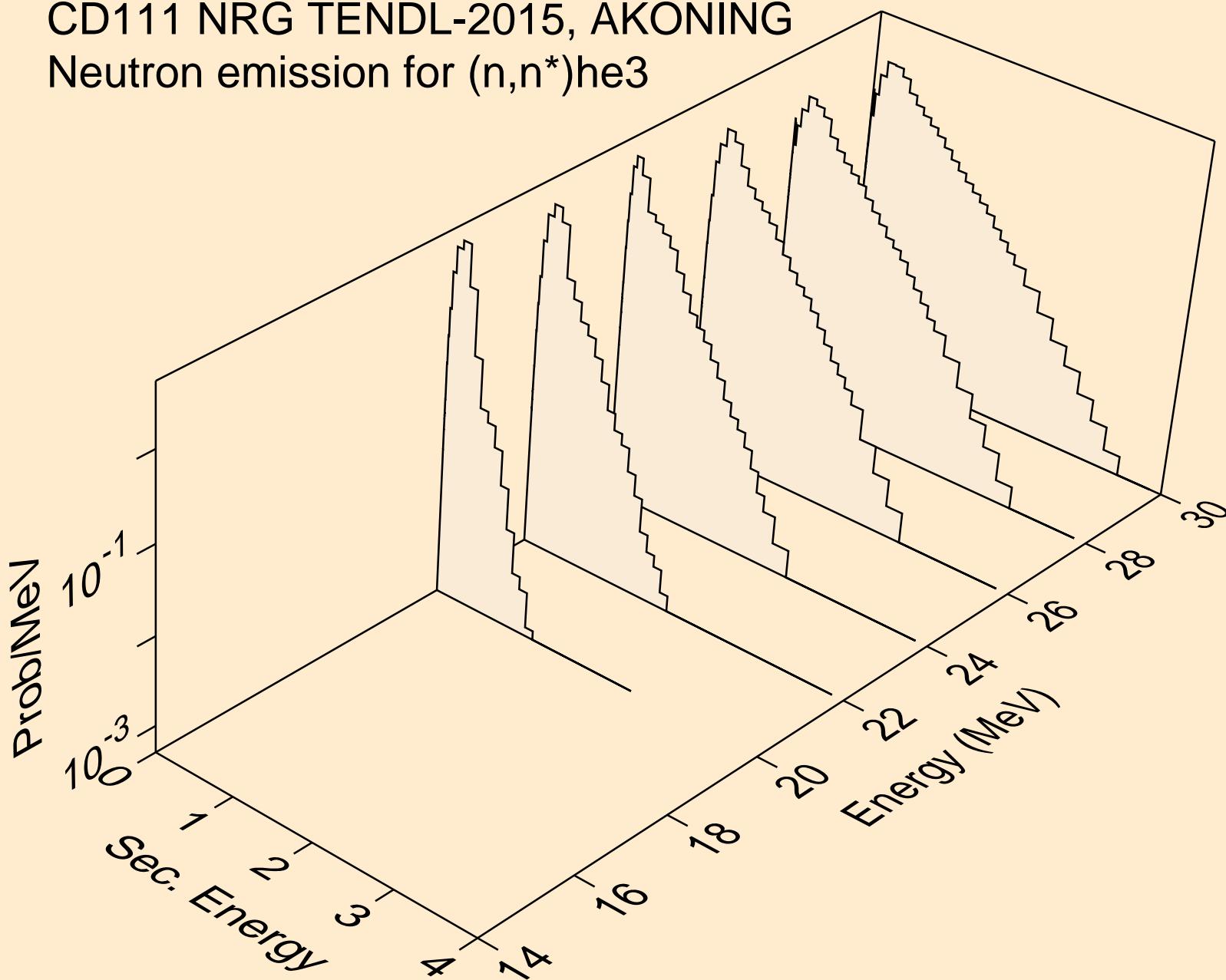
CD111 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



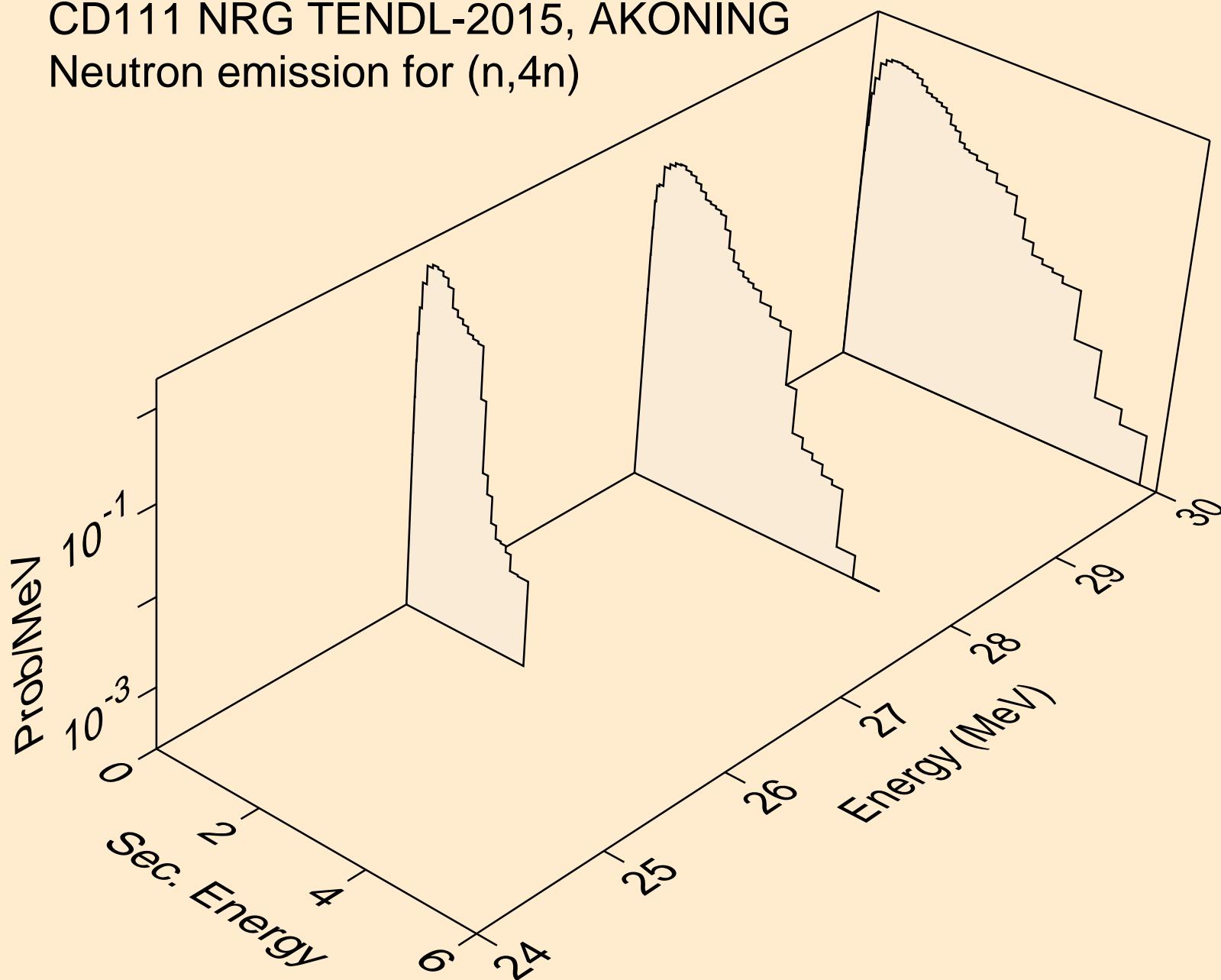
CD111 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



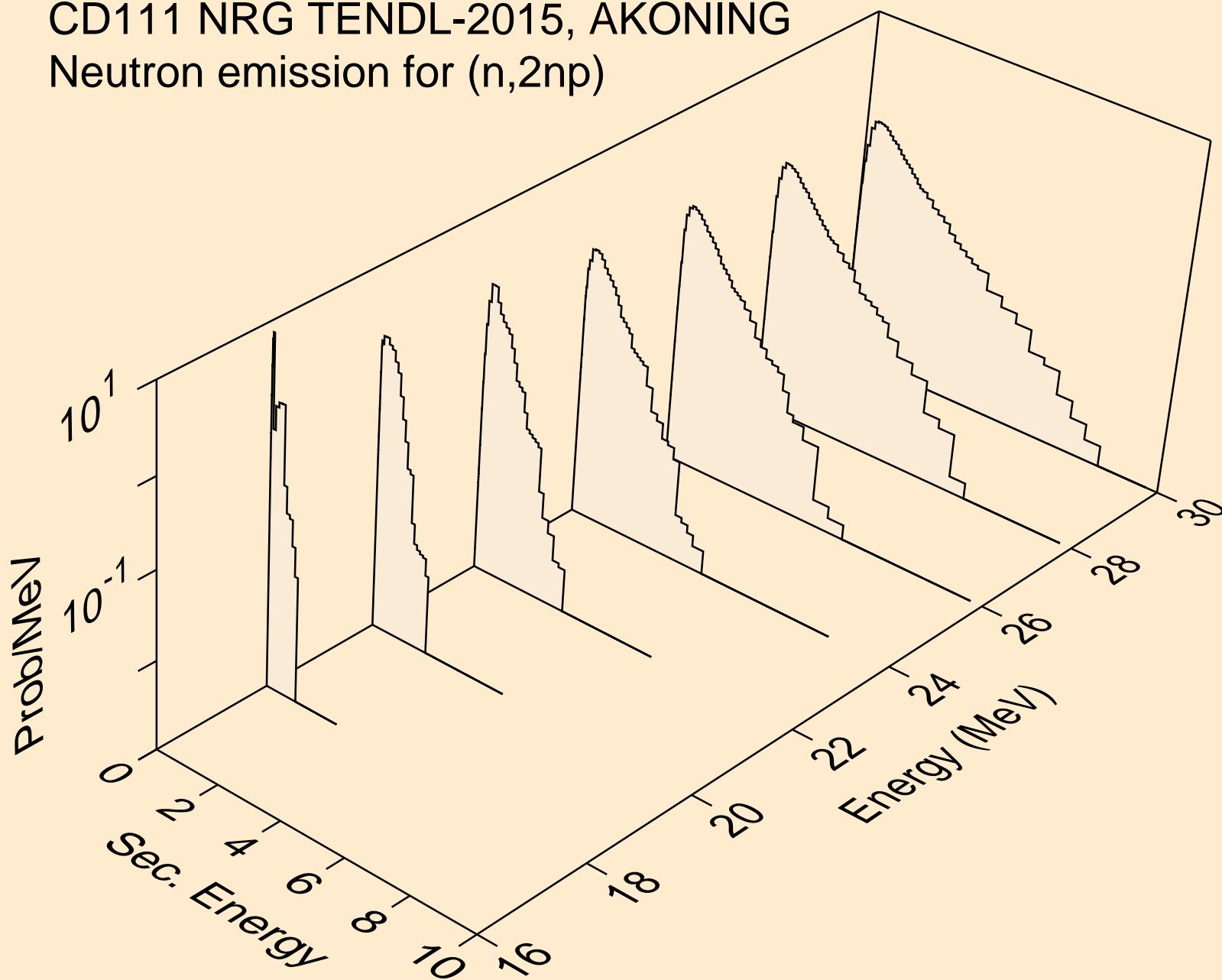
CD111 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



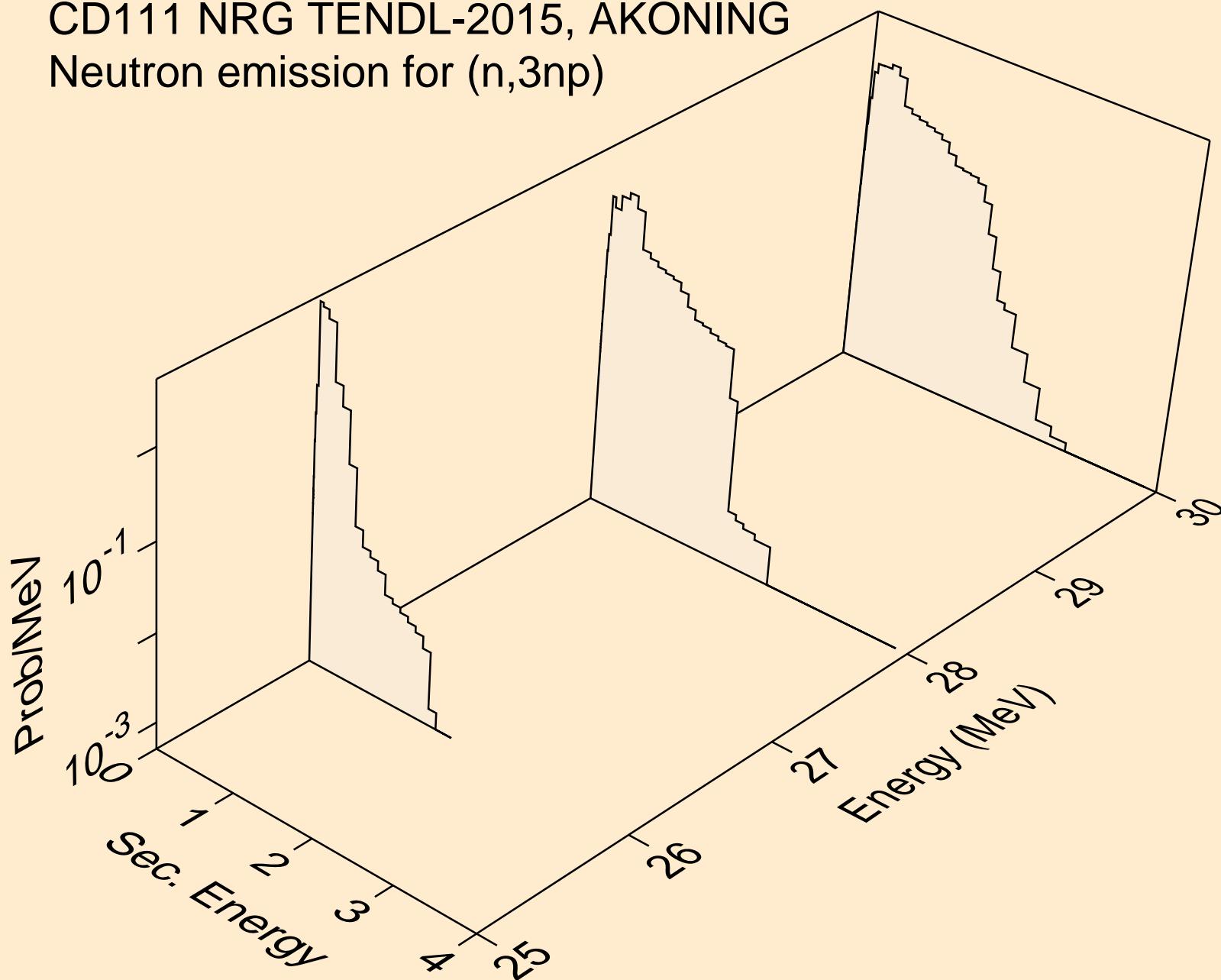
CD111 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



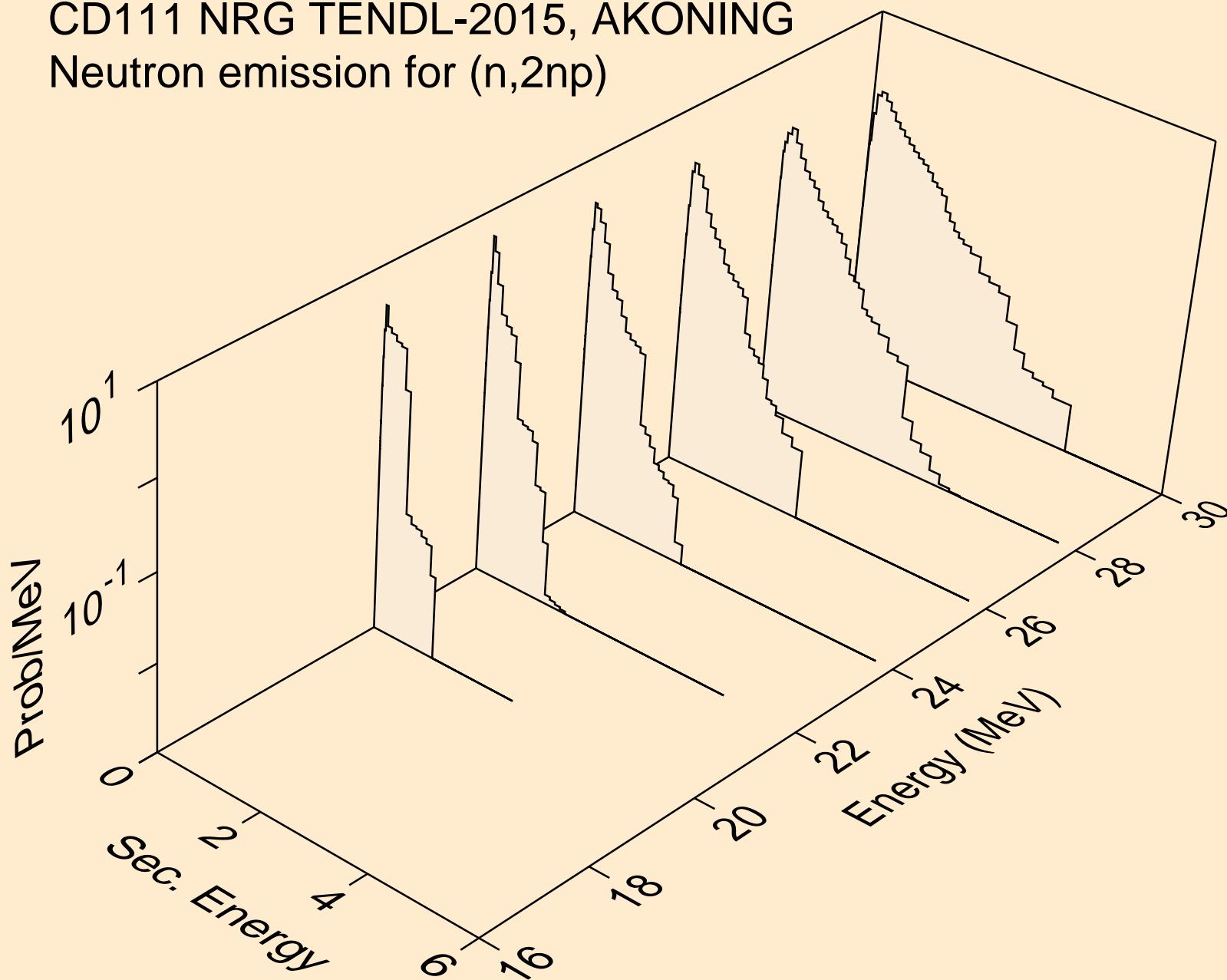
CD111 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



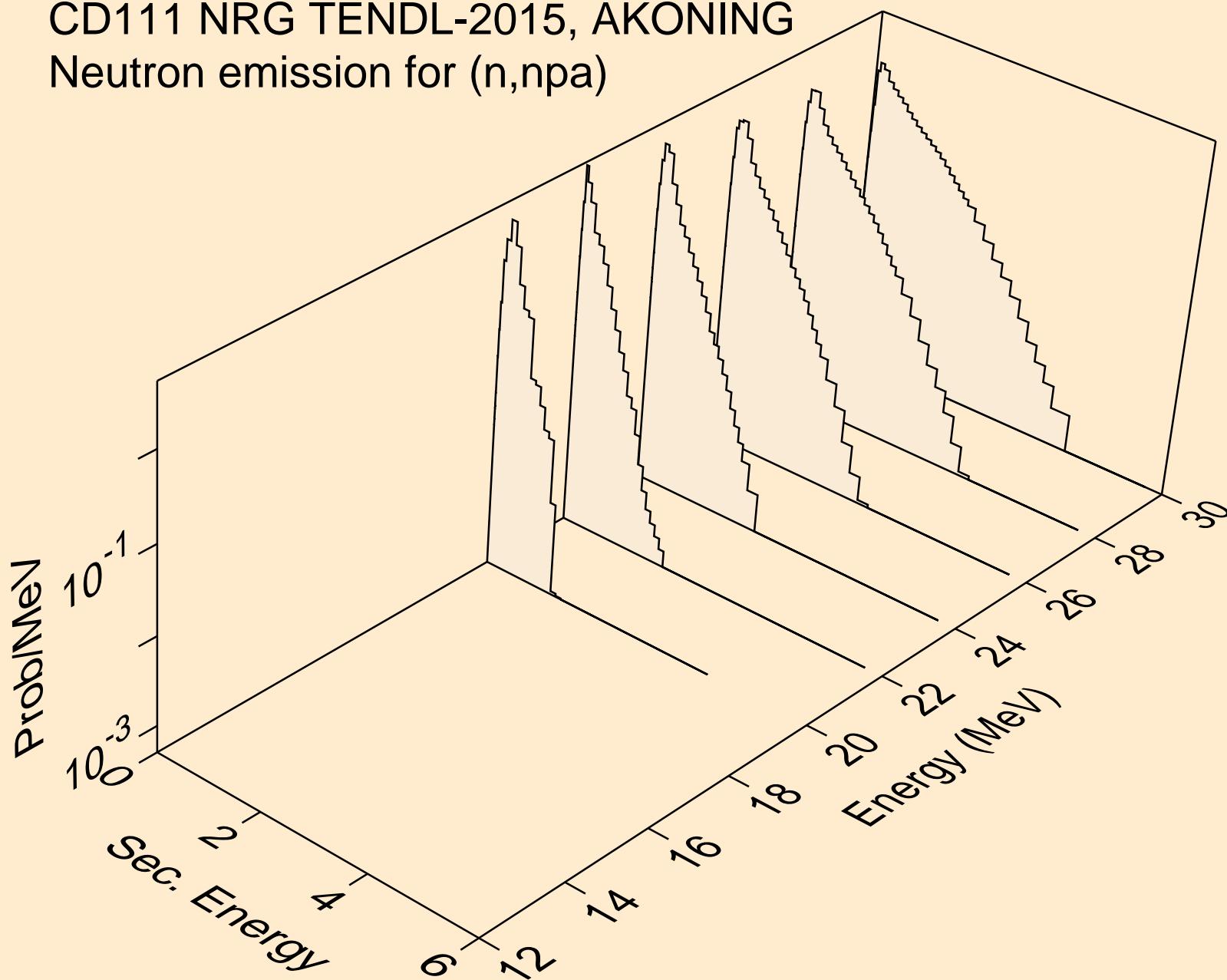
CD111 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



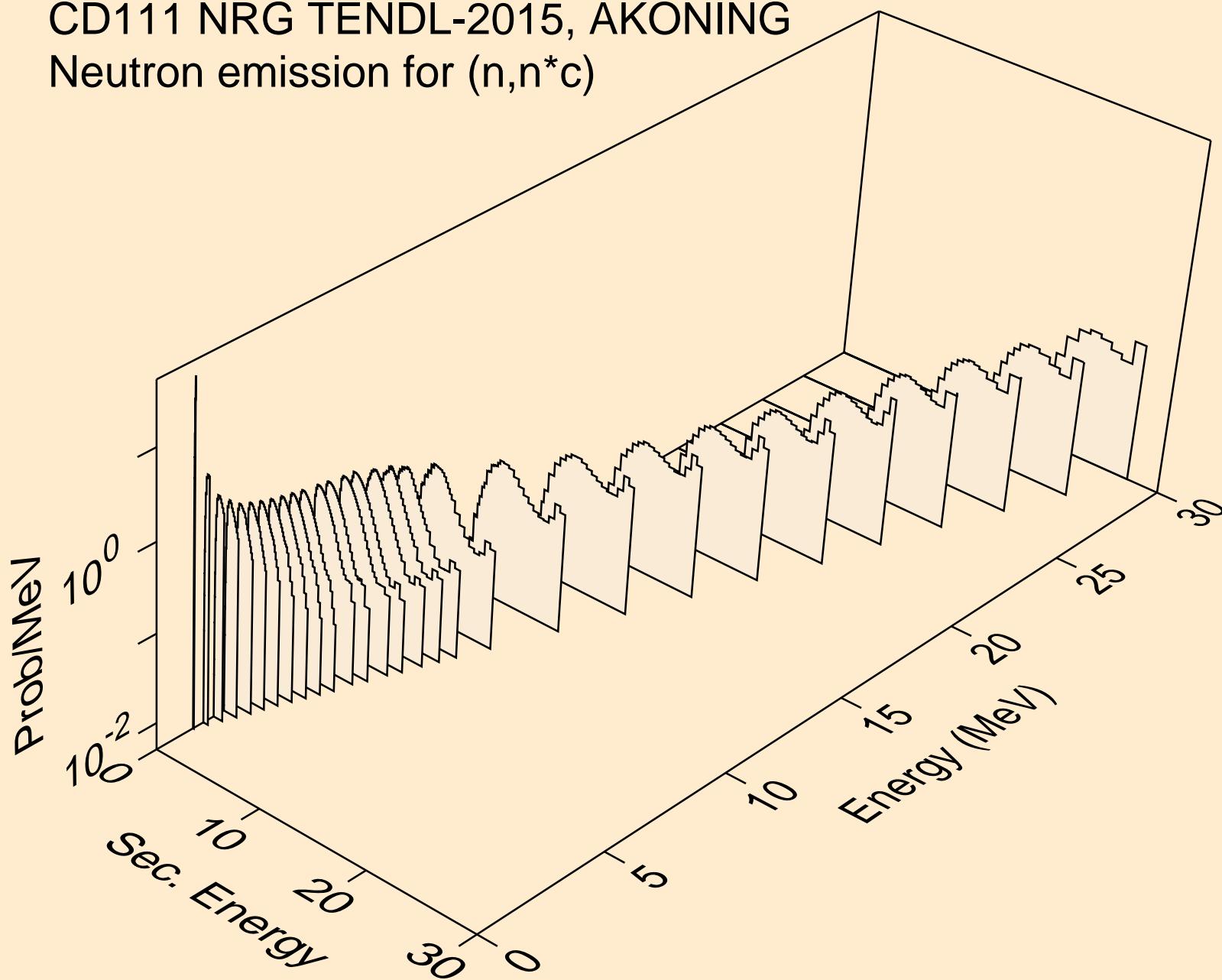
CD111 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



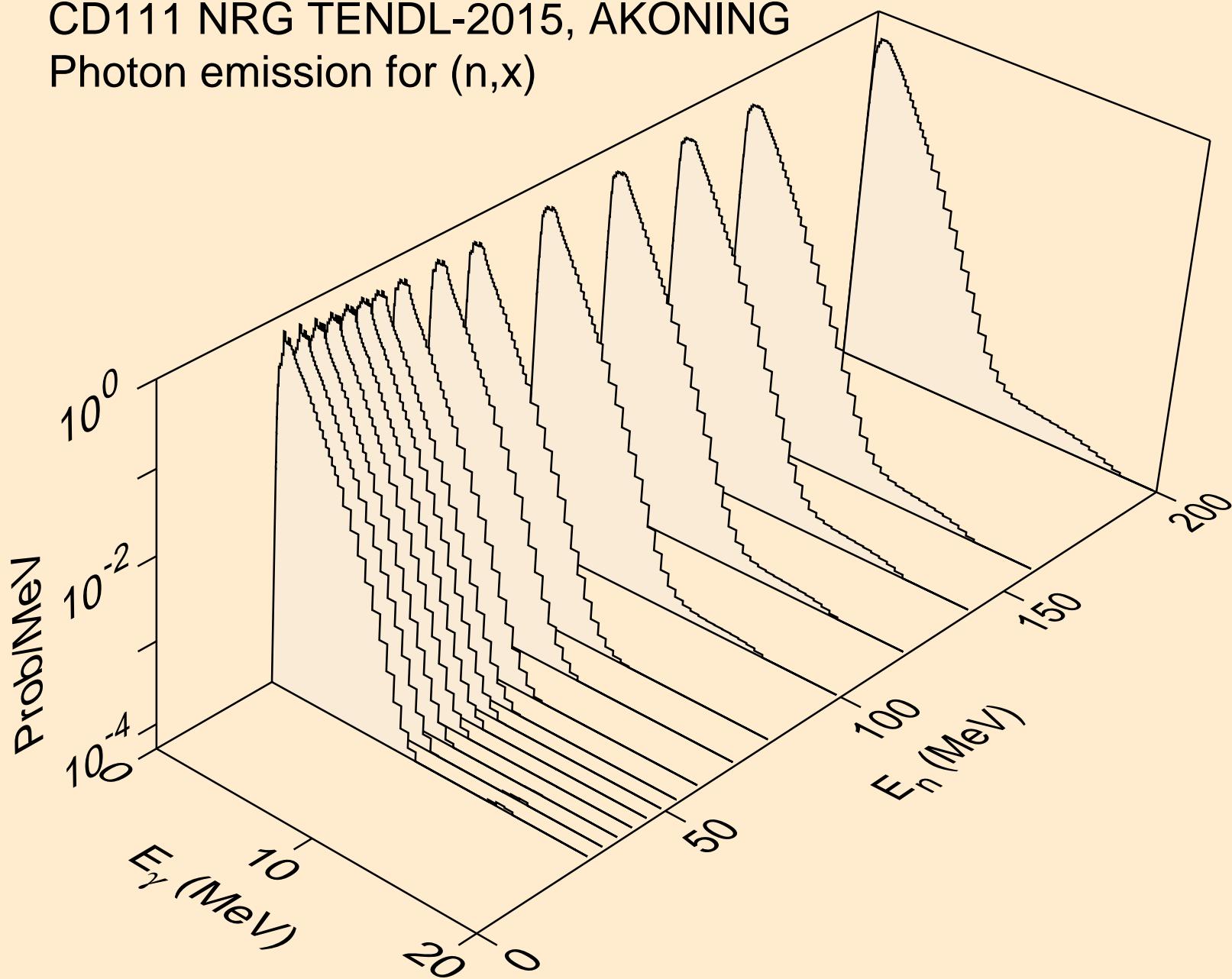
CD111 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



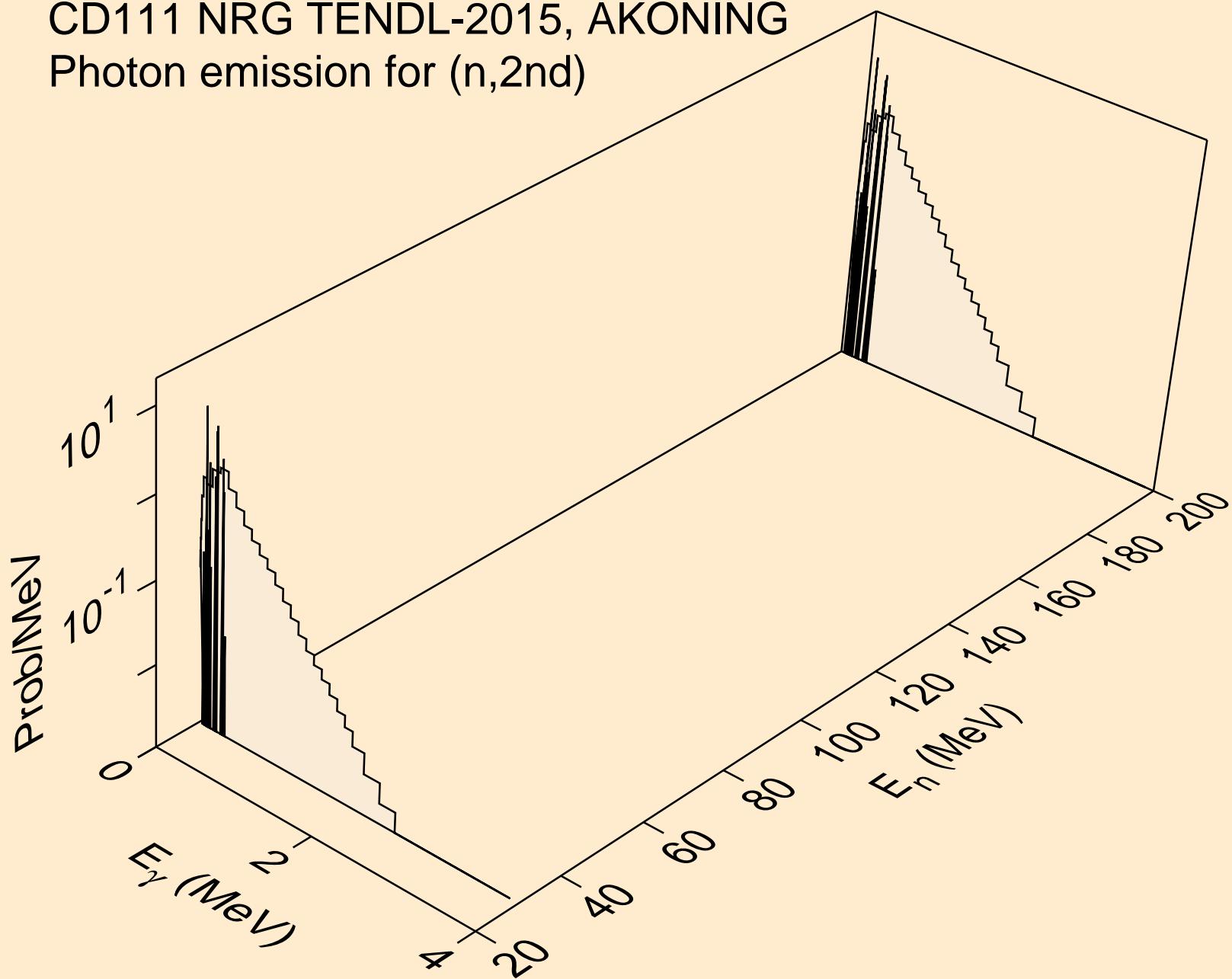
CD111 NRG TENDL-2015, AKONING  
Neutron emission for ( $n,n^*c$ )



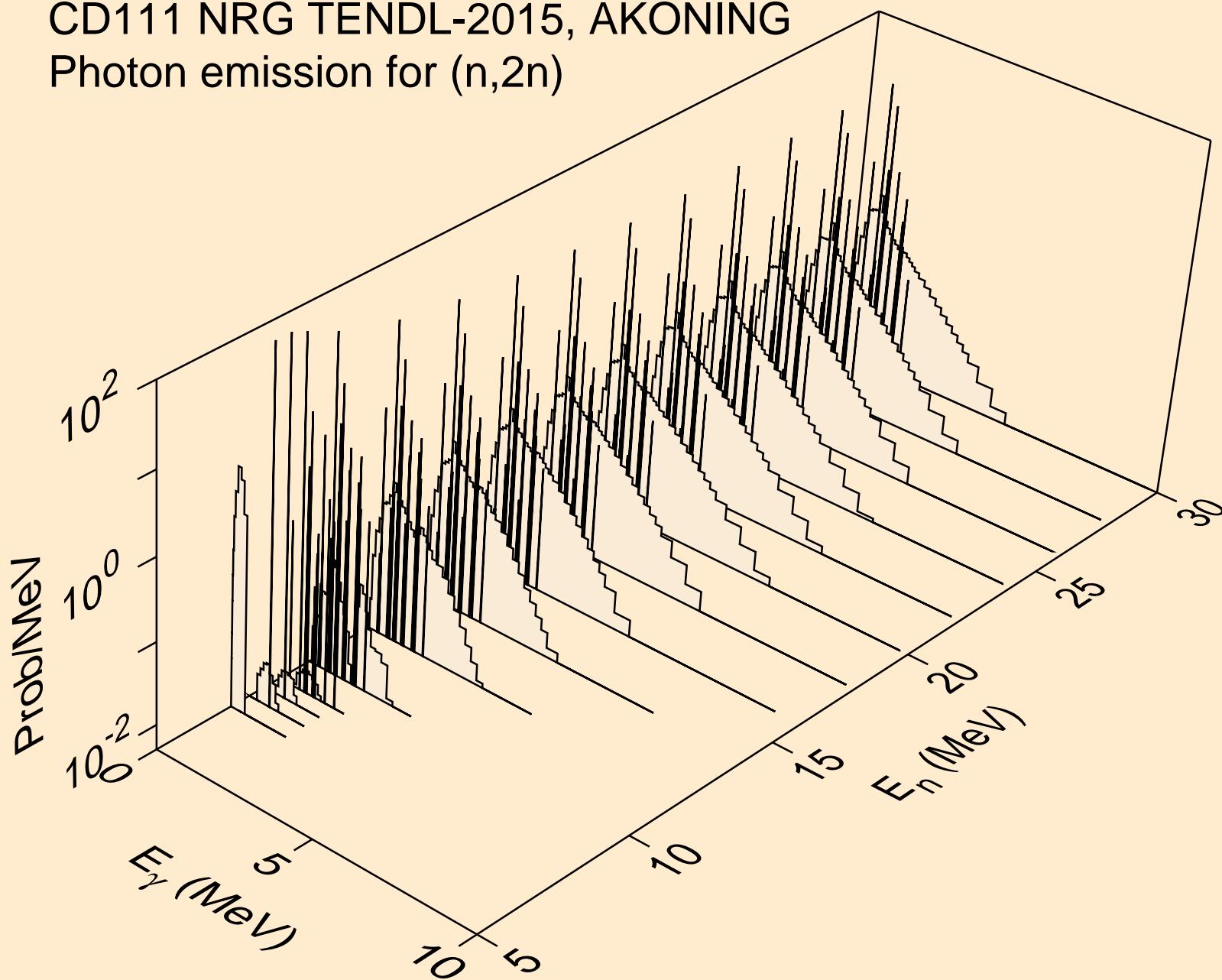
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



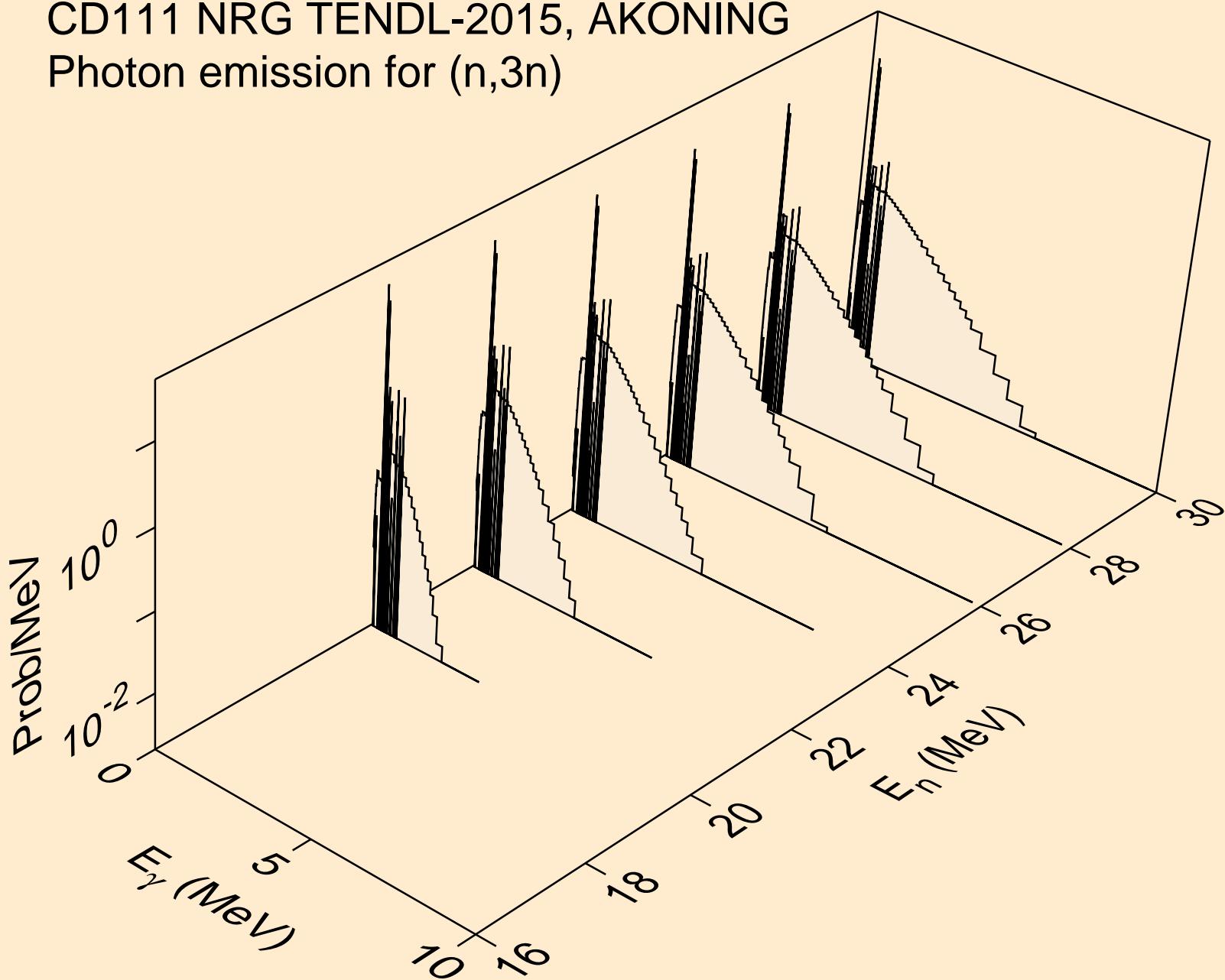
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



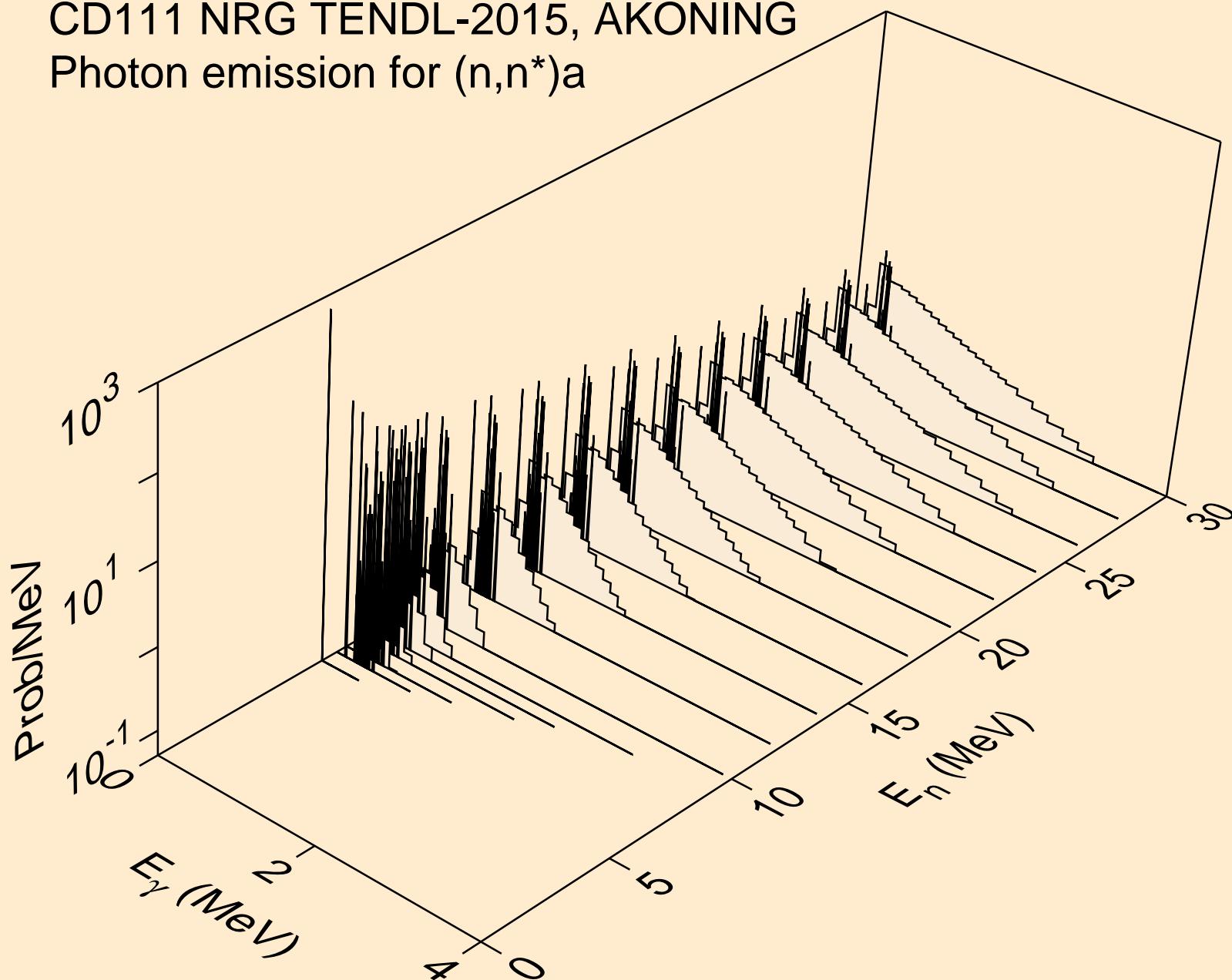
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



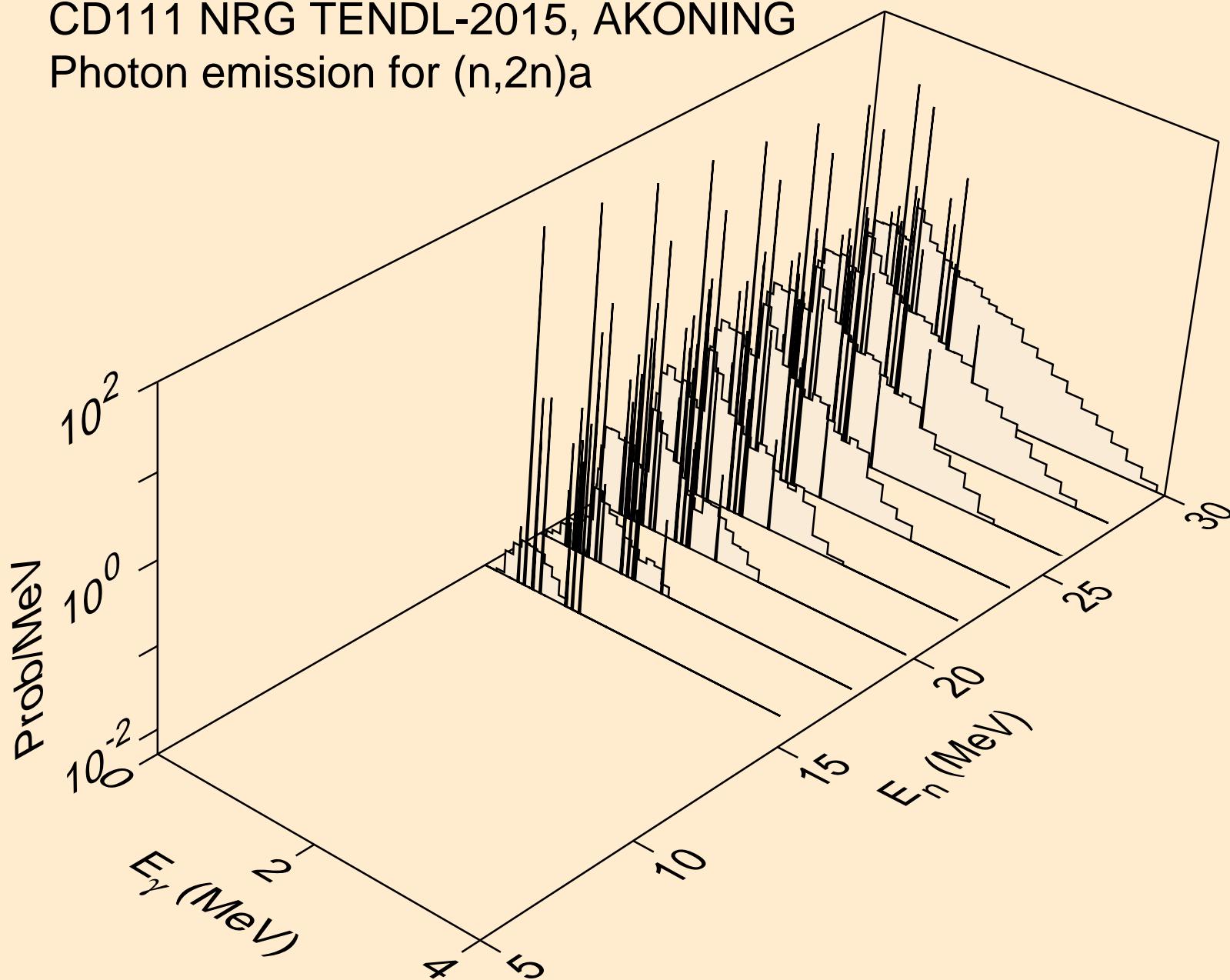
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



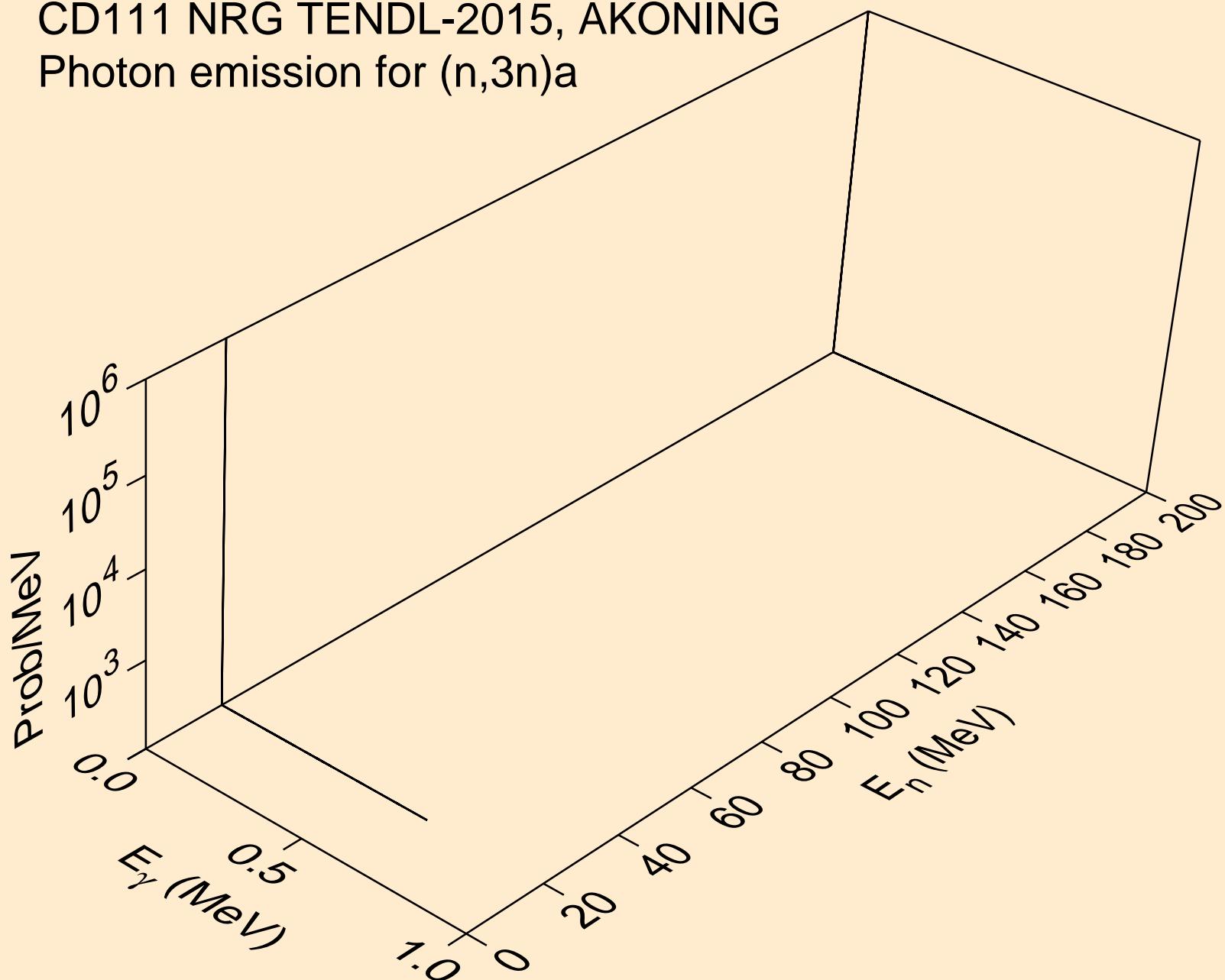
CD111 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



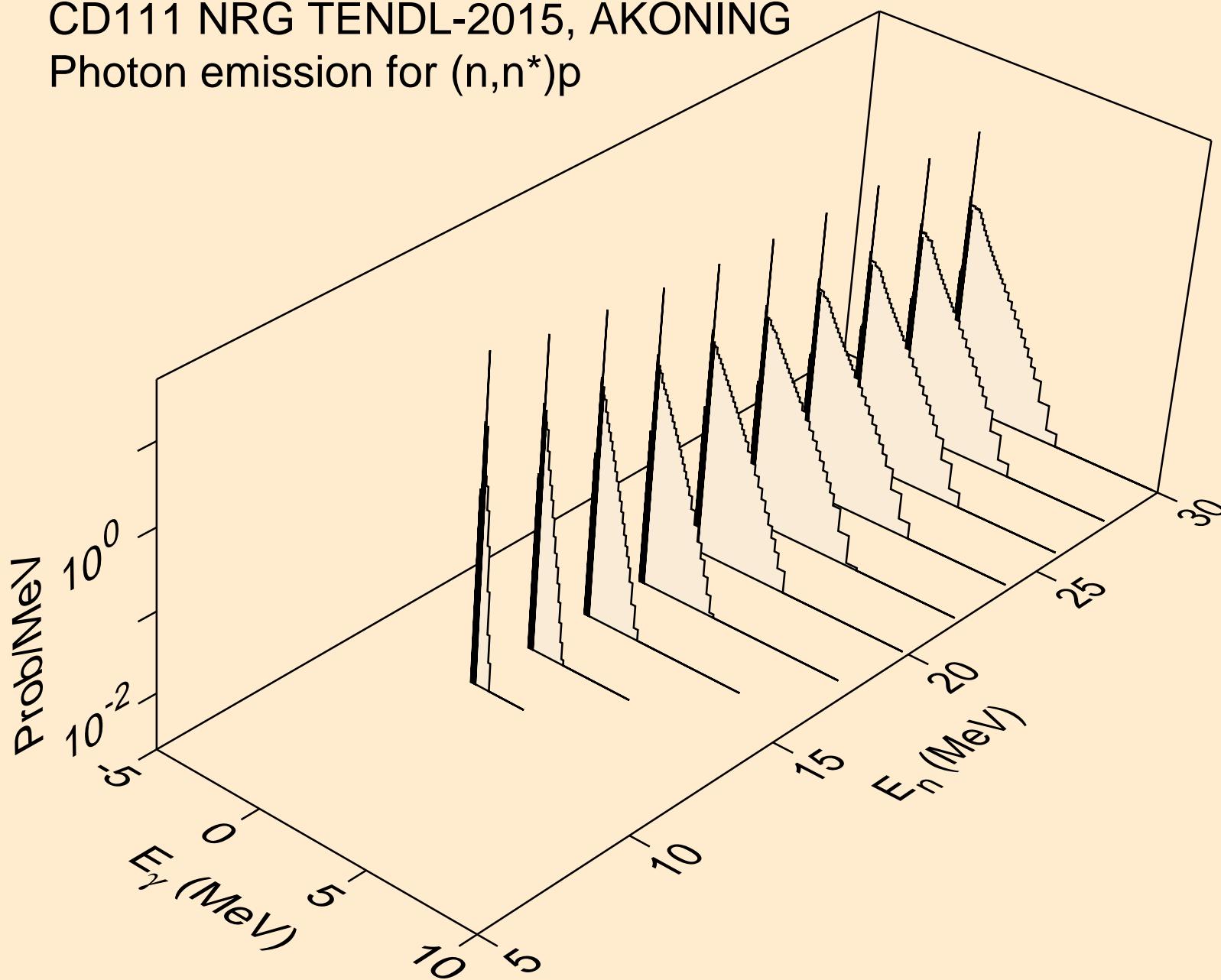
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



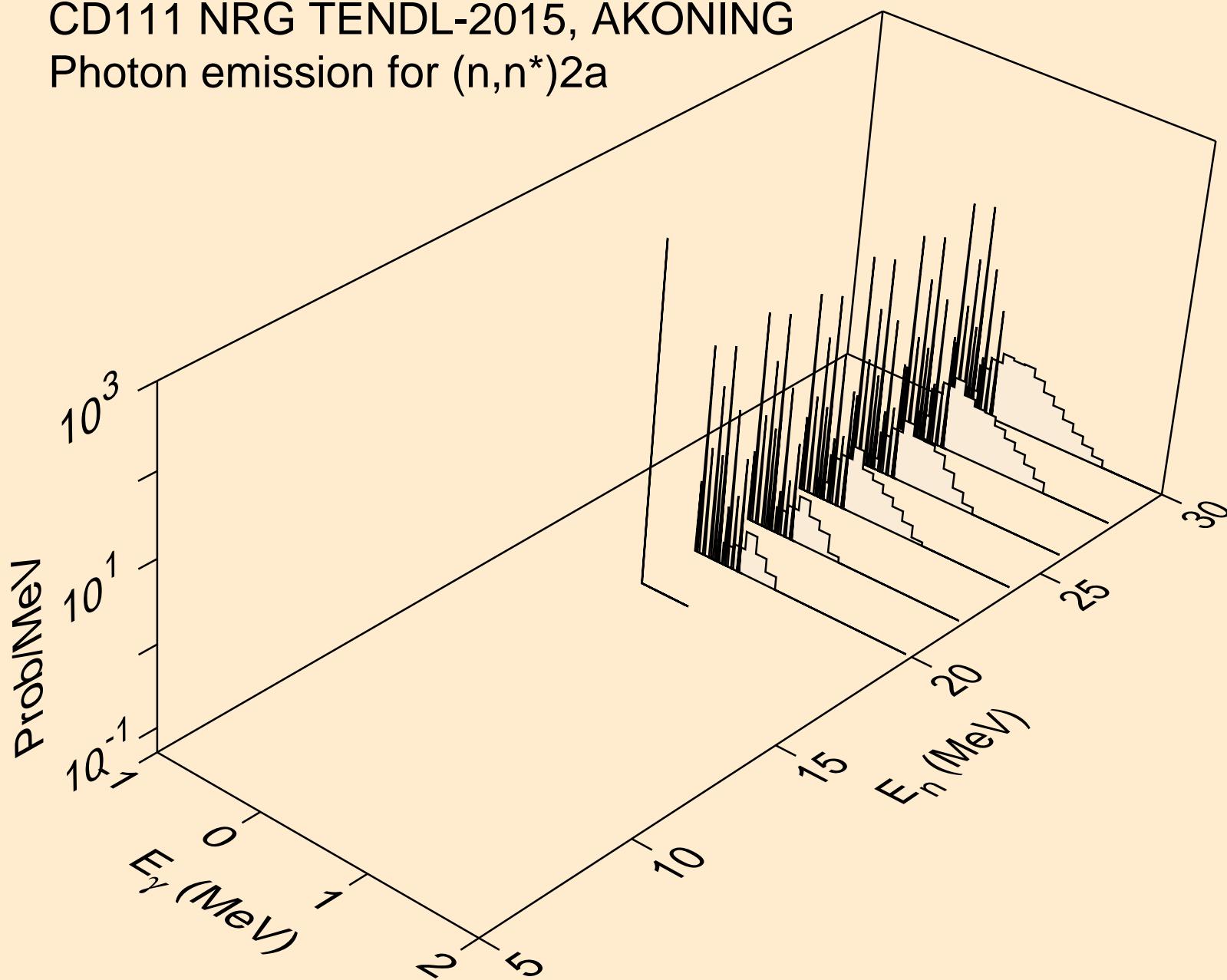
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



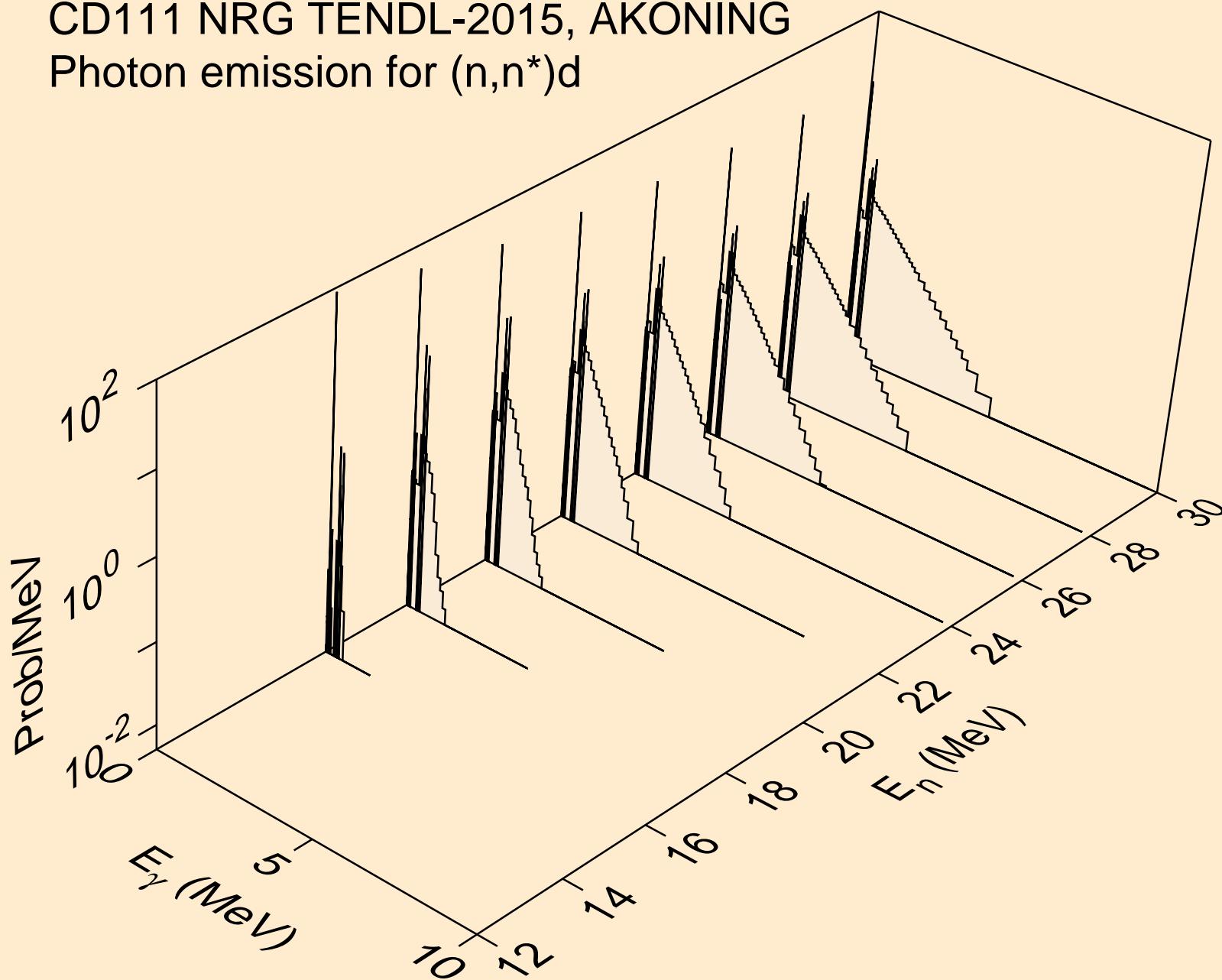
CD111 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



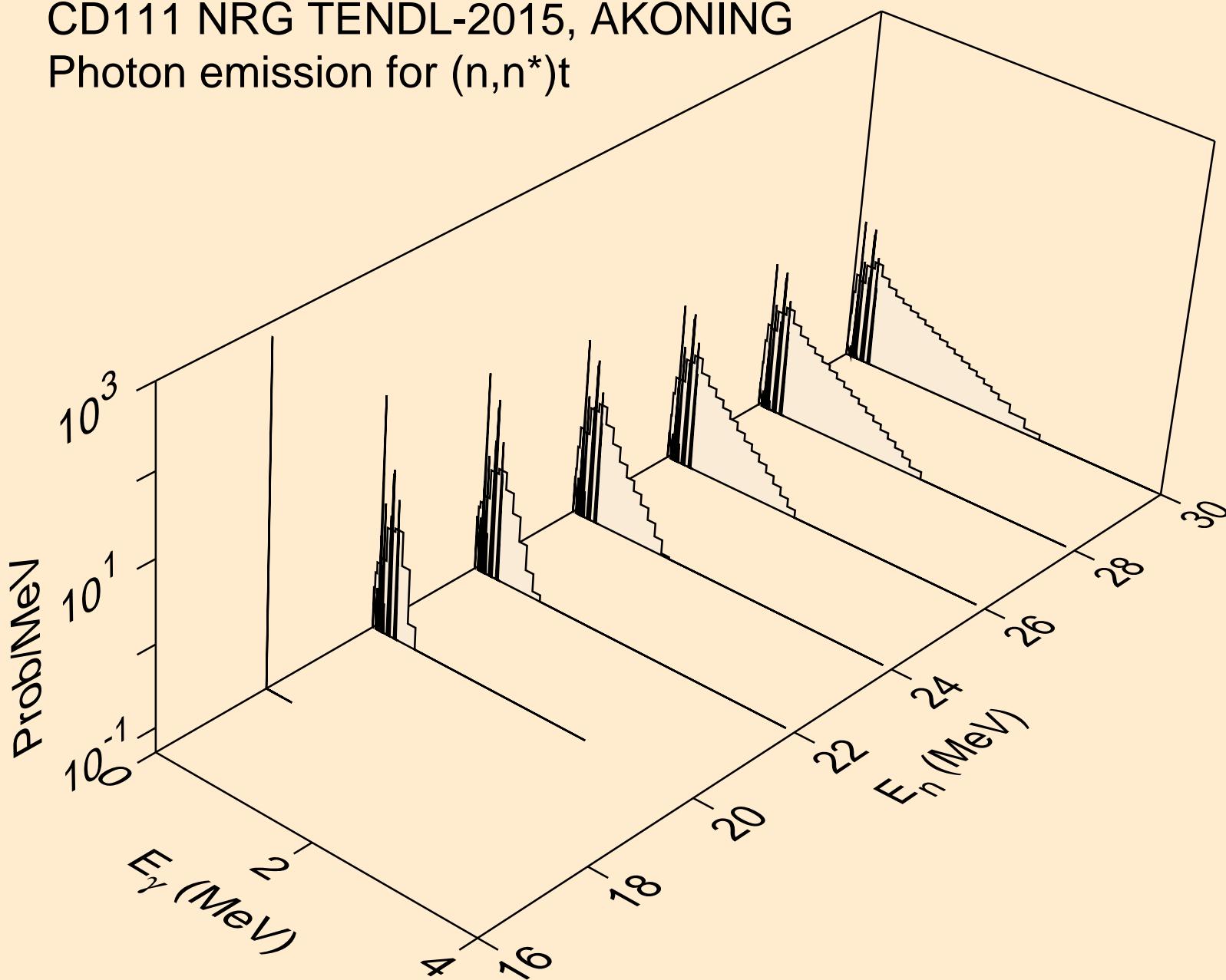
CD111 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)2a$



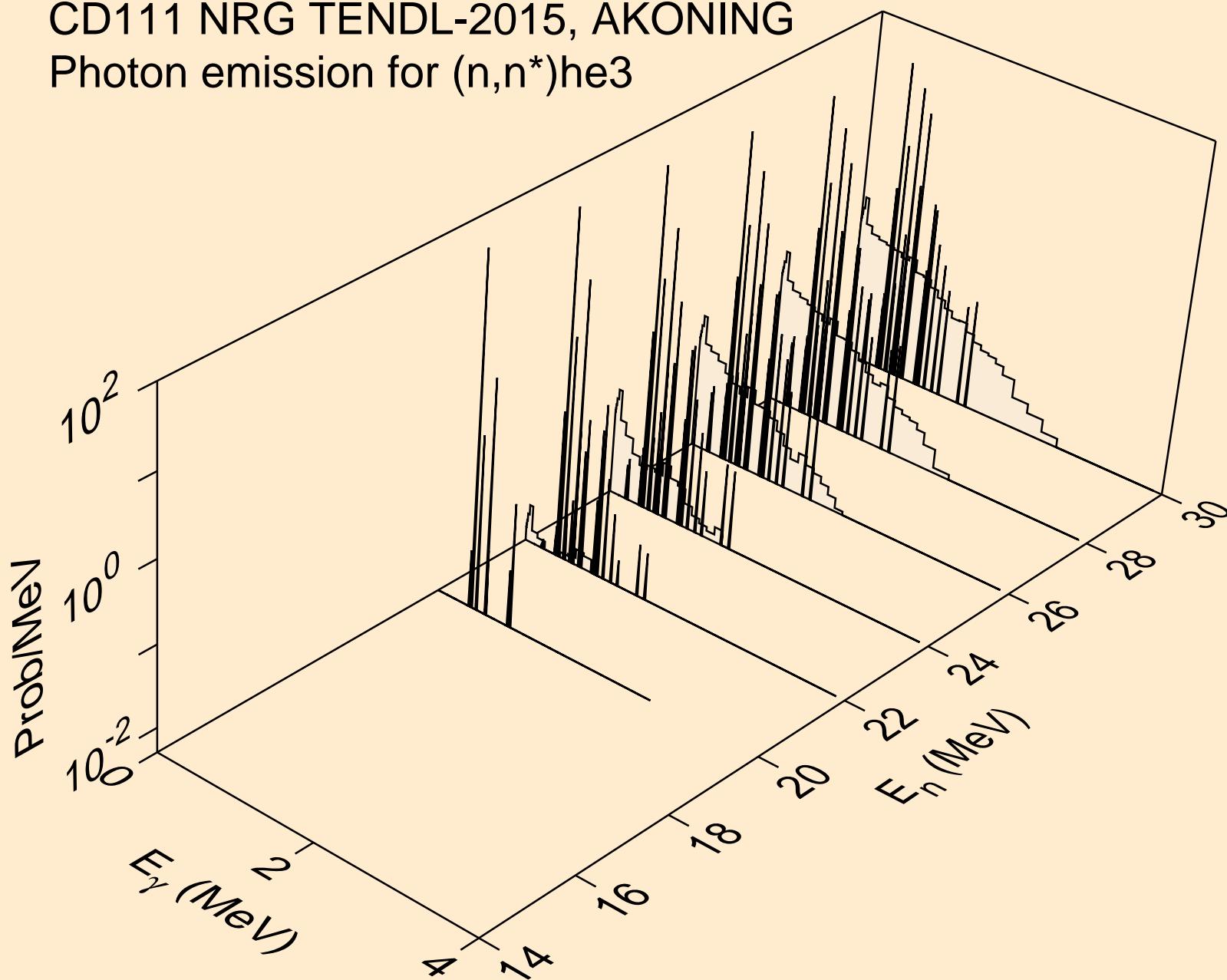
CD111 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



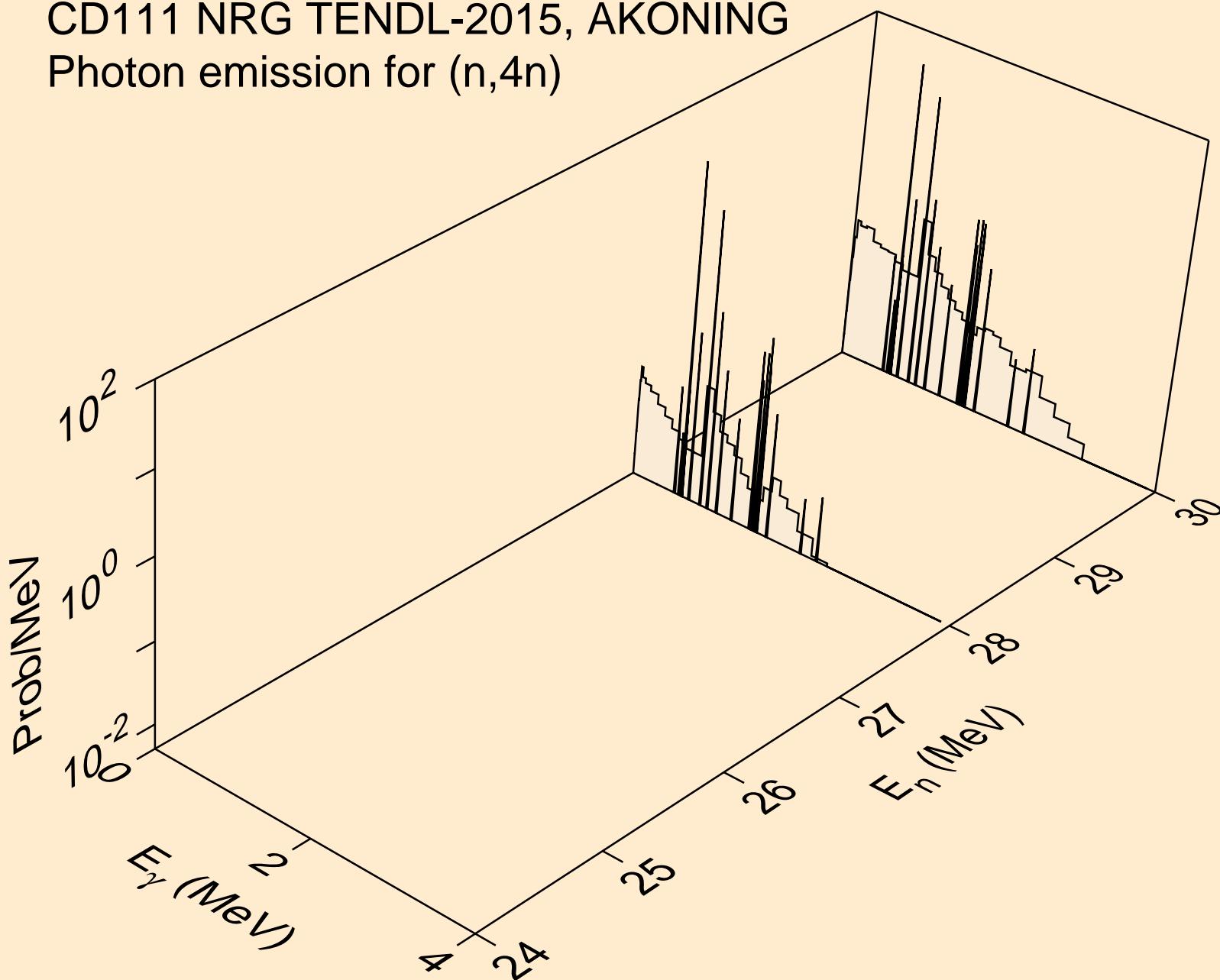
CD111 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



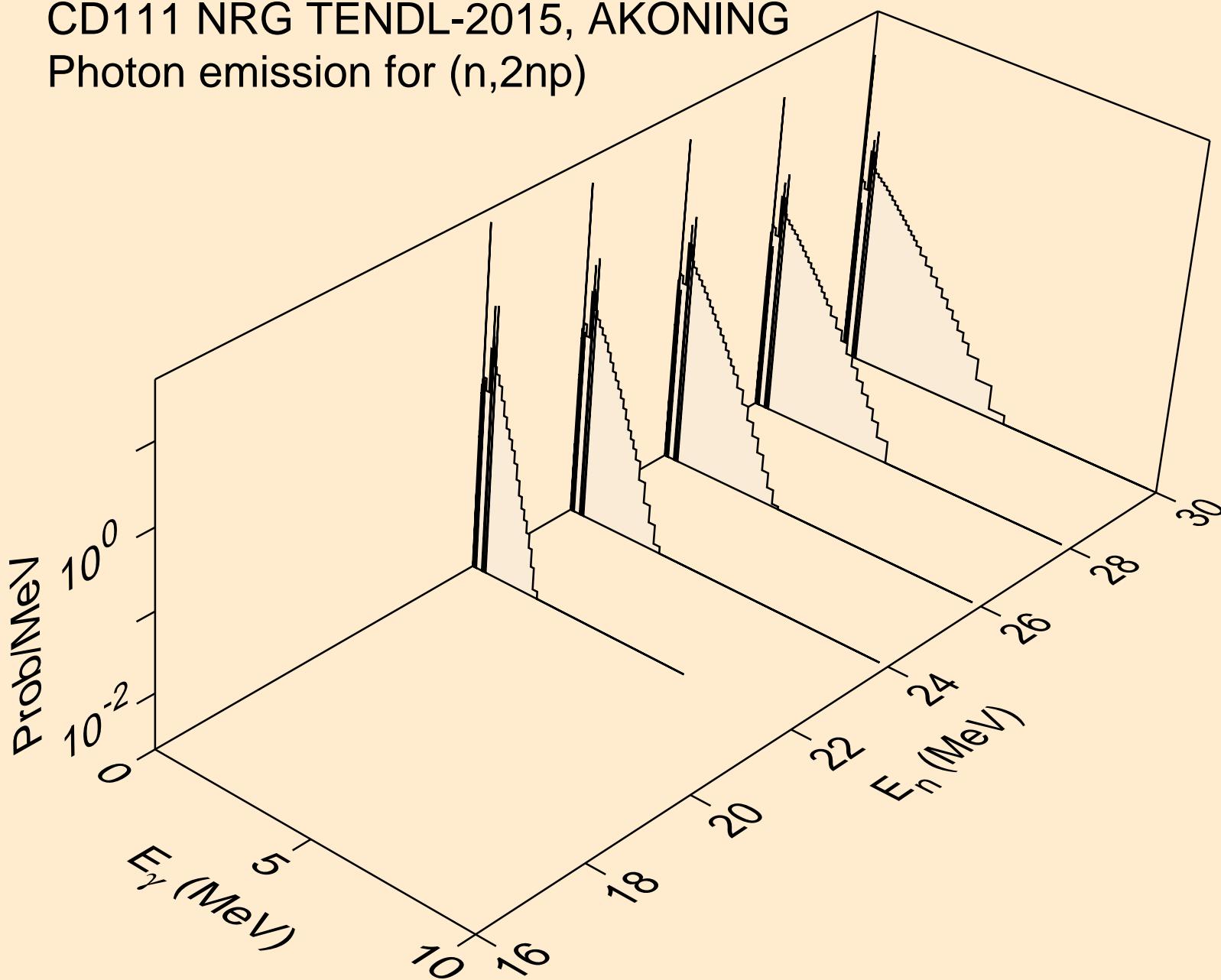
CD111 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



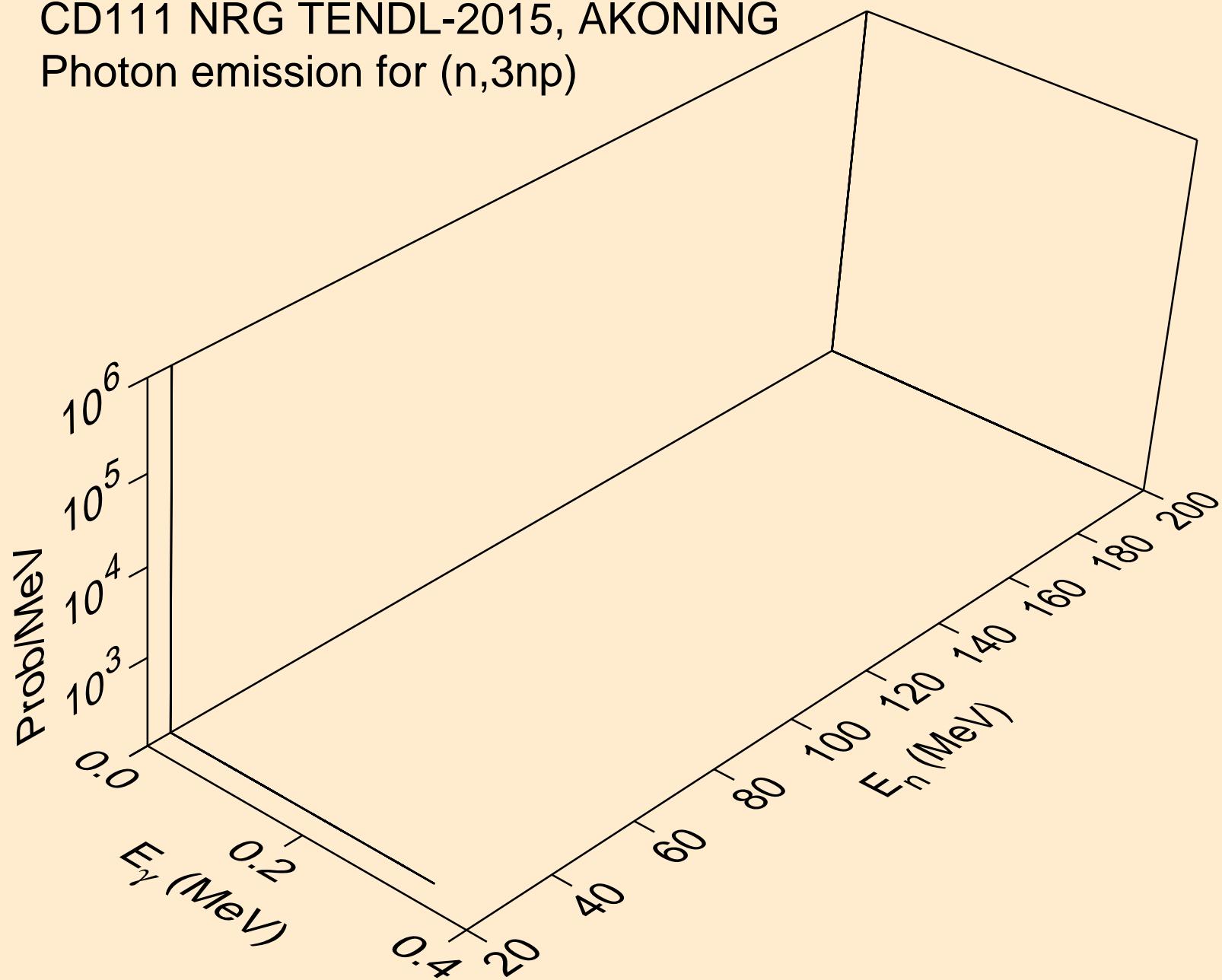
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



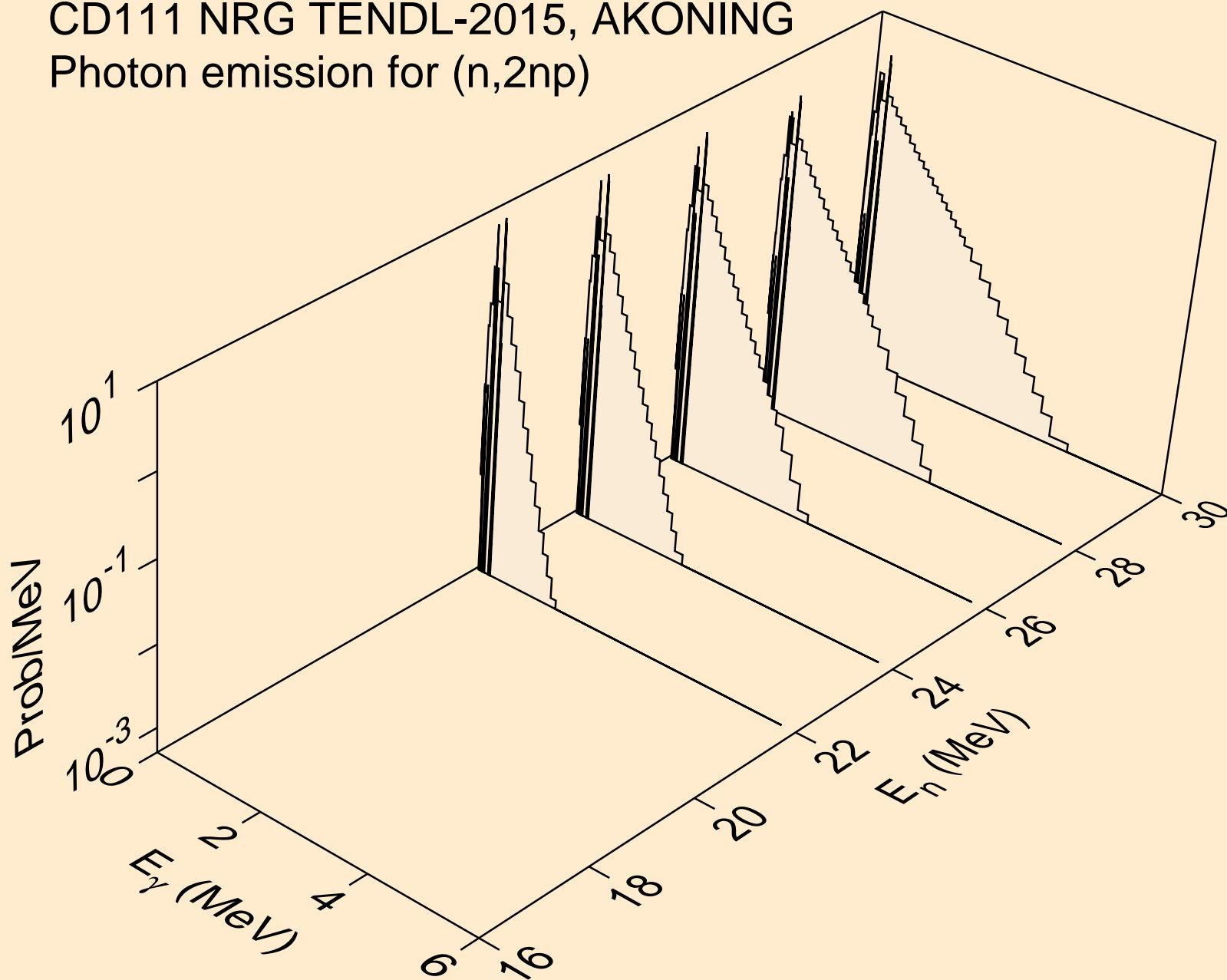
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



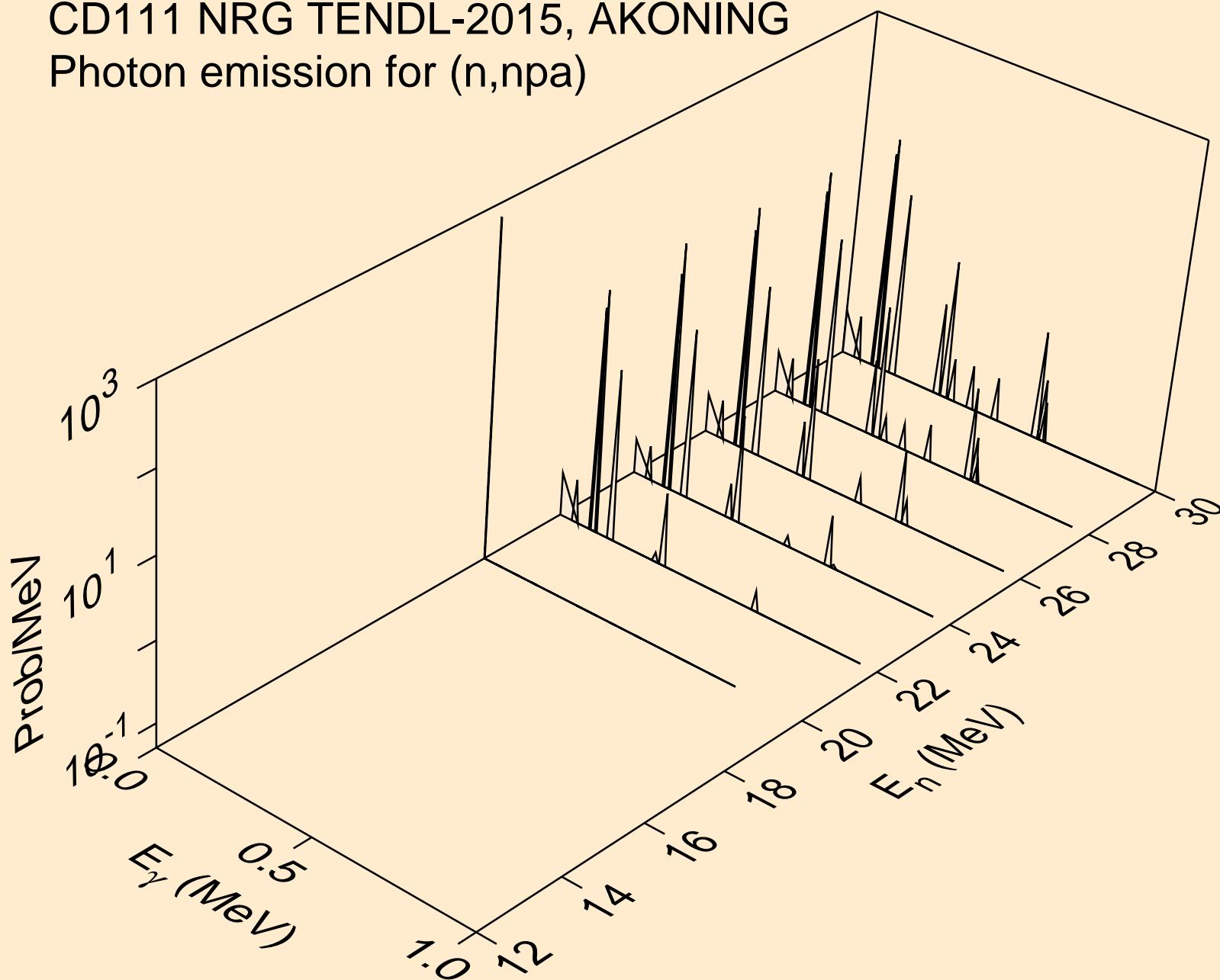
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



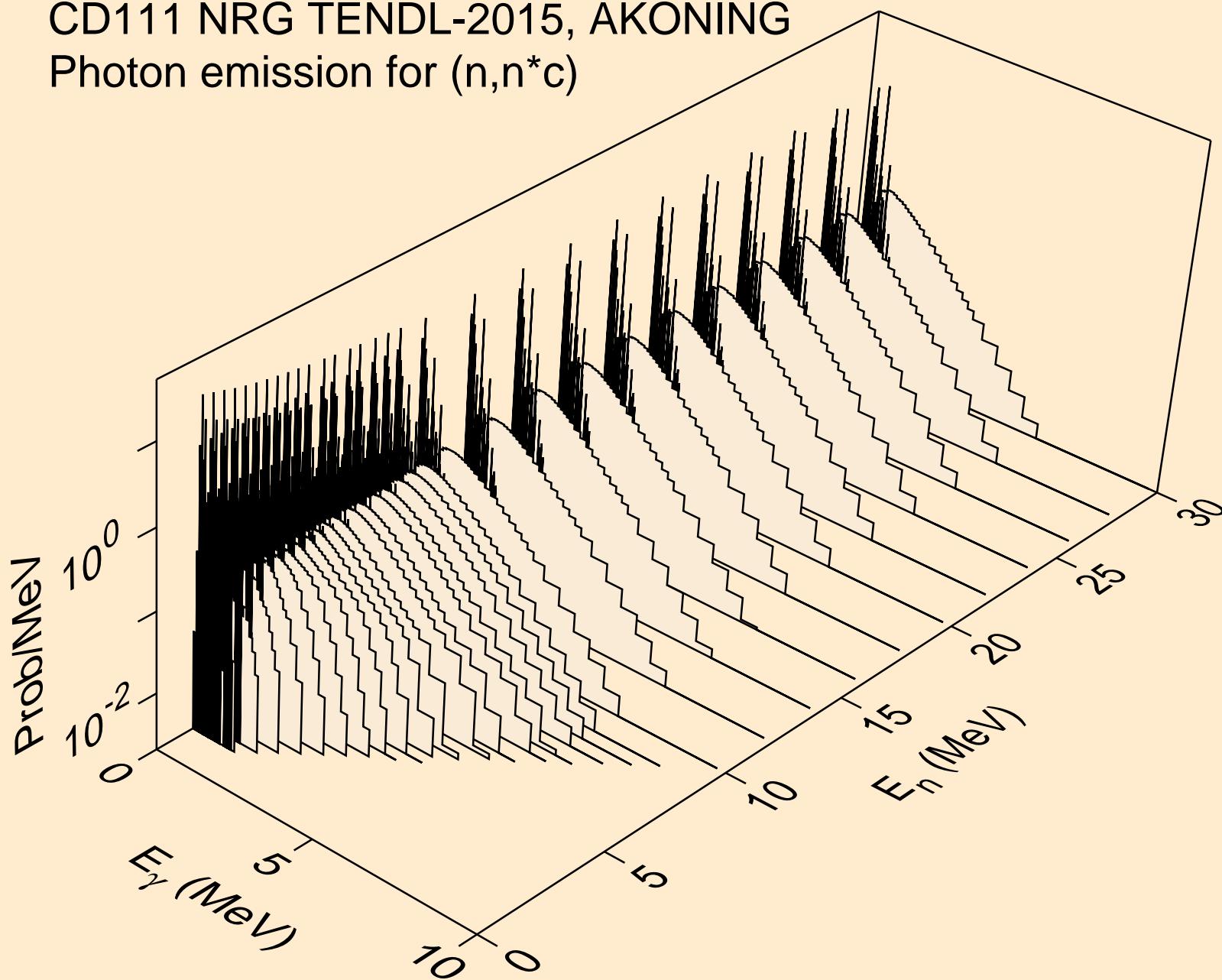
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



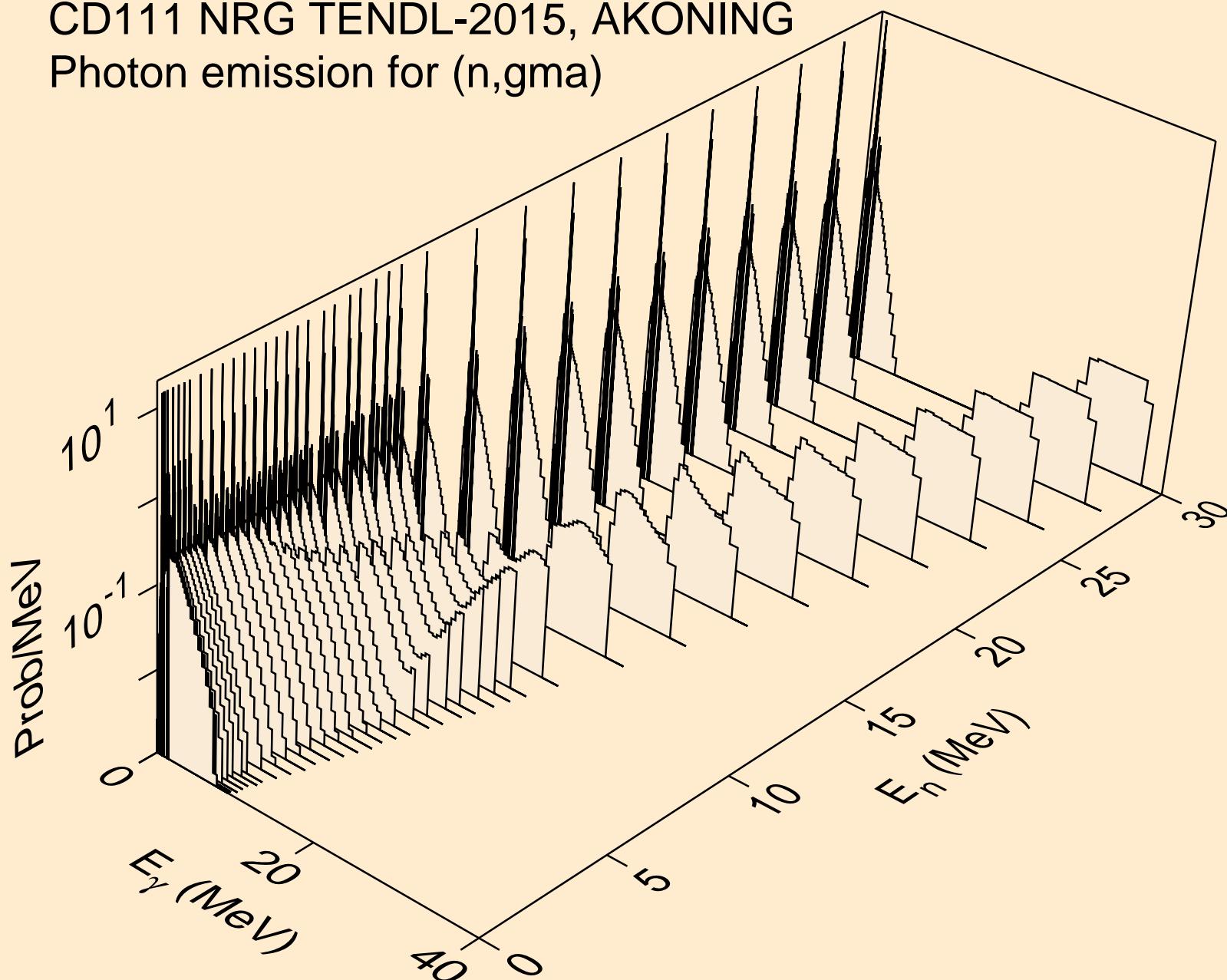
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



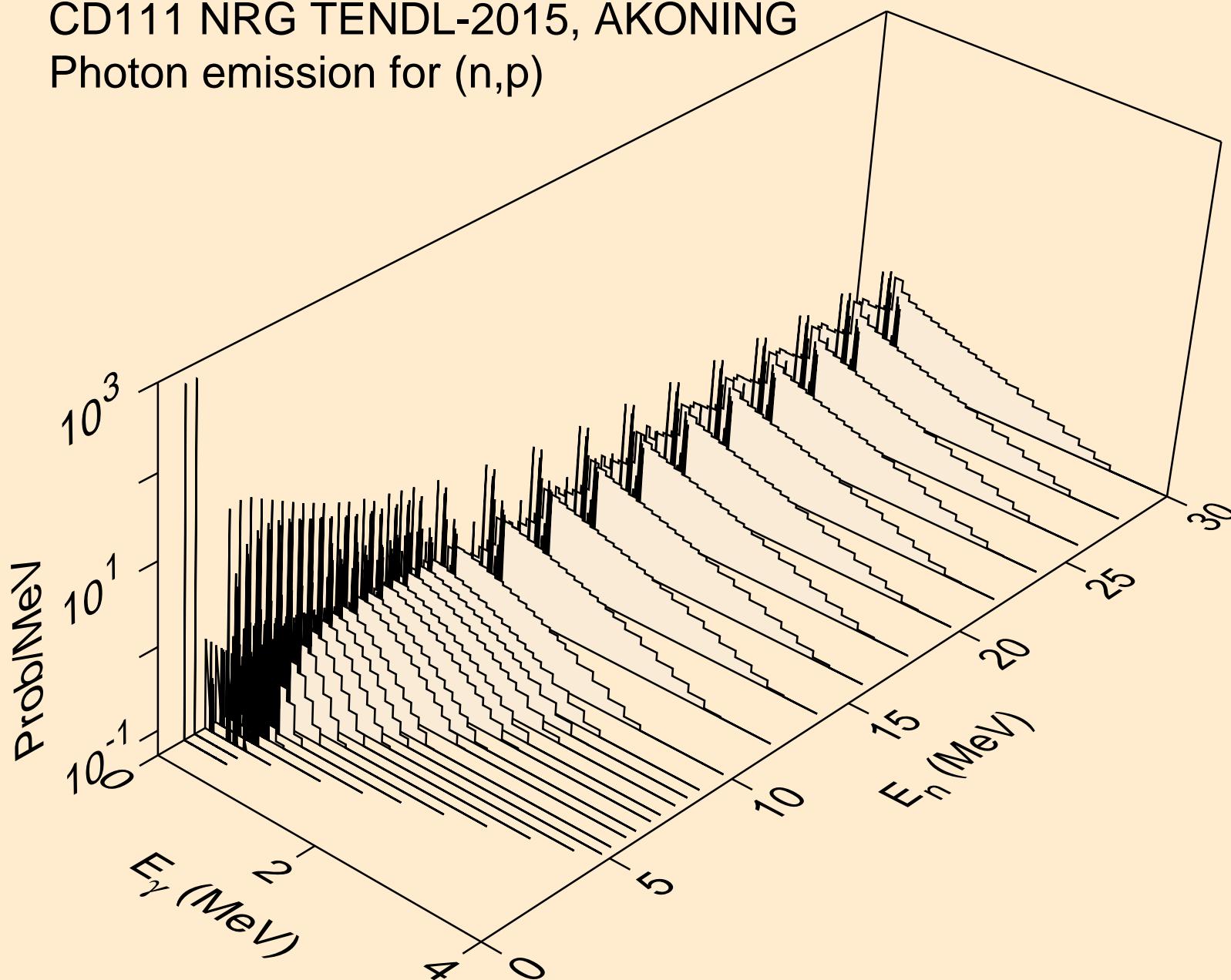
CD111 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*c)$



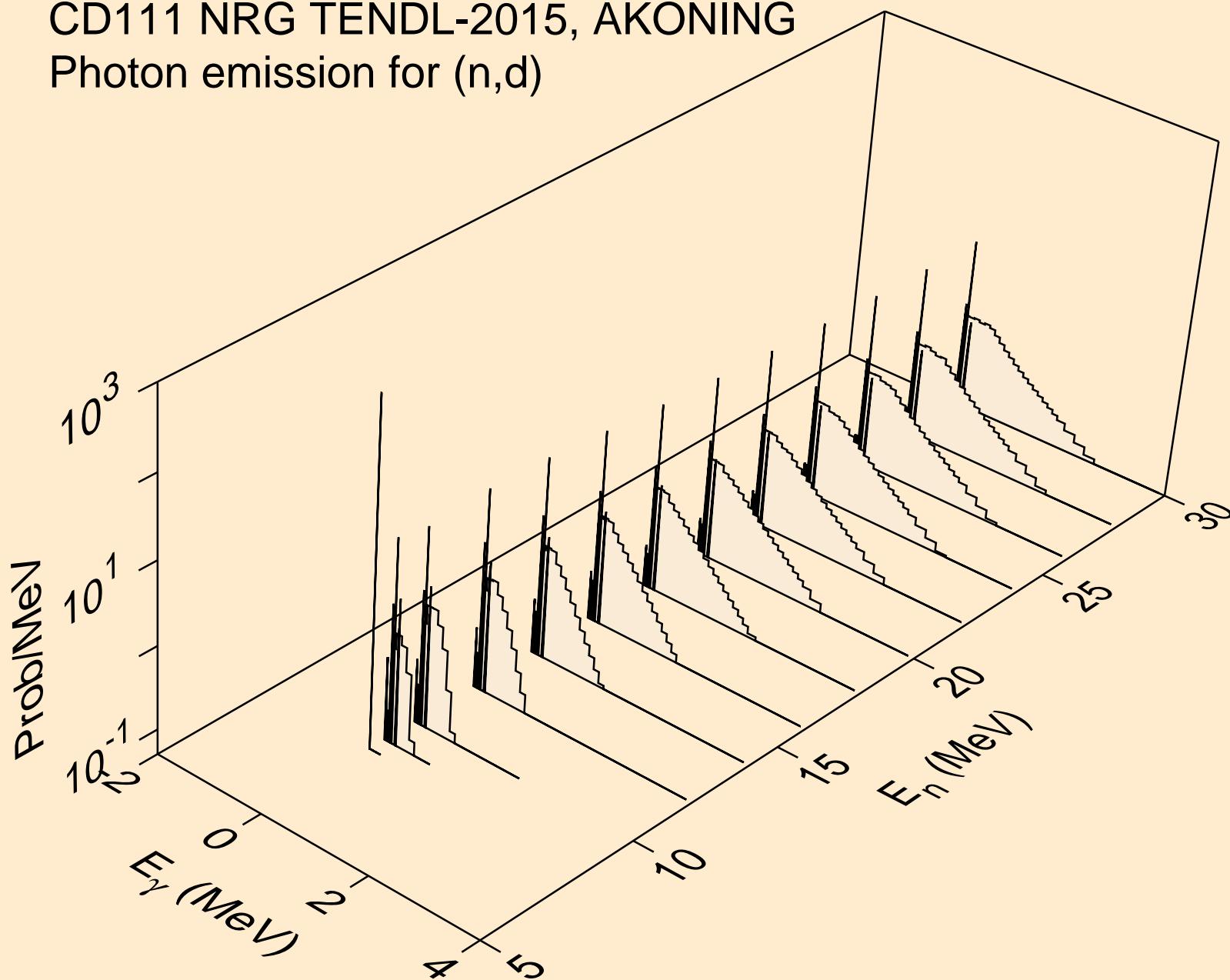
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



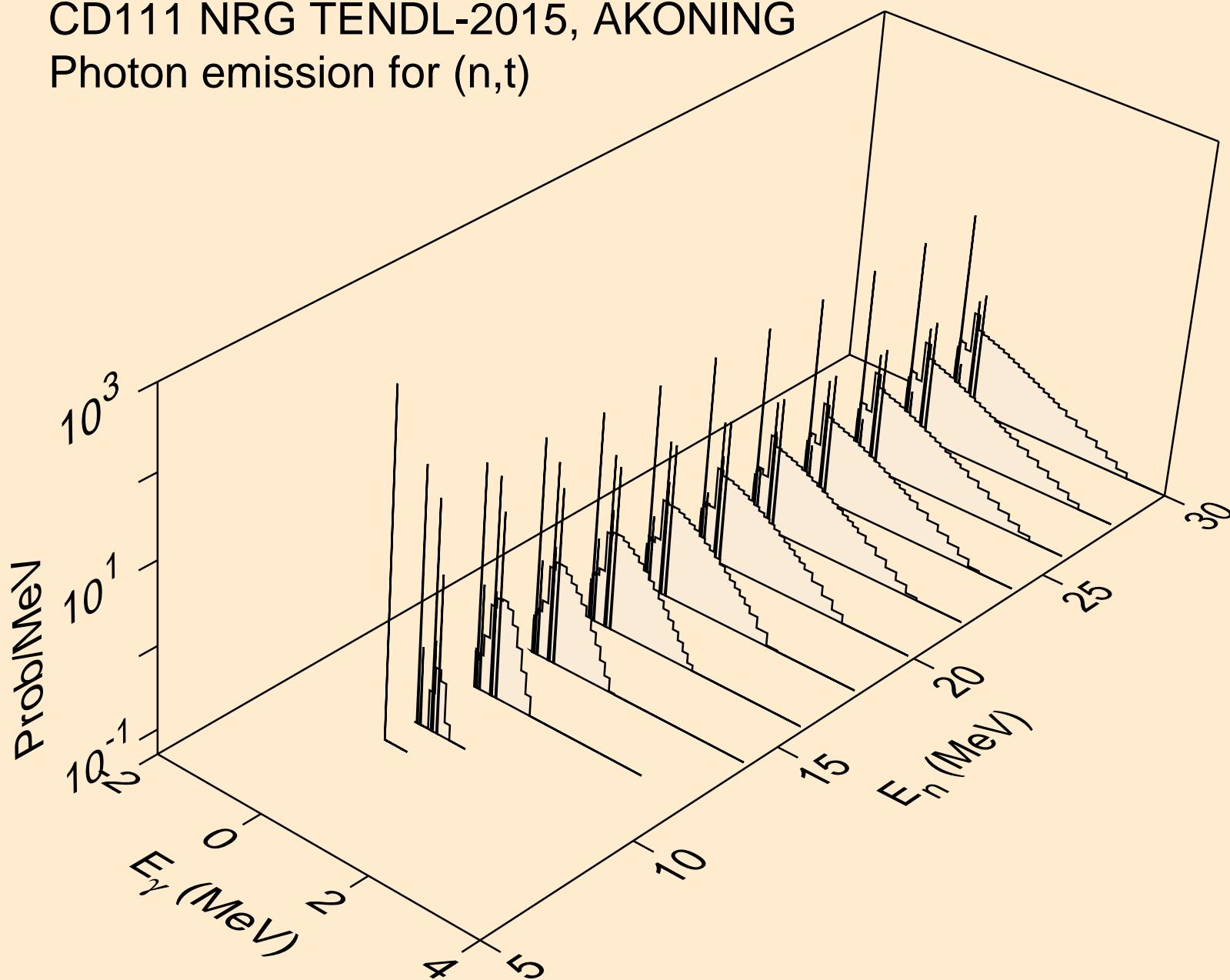
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



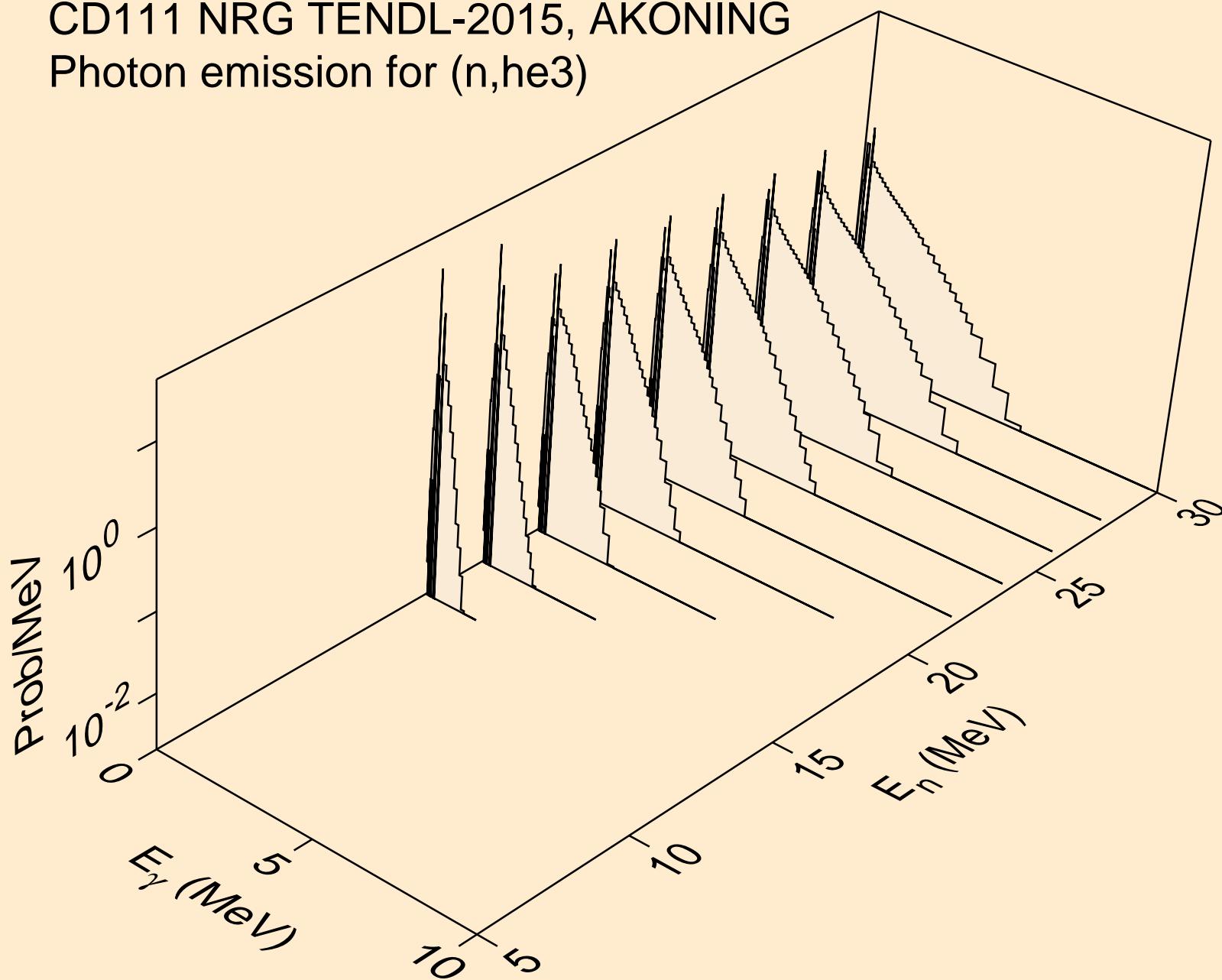
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



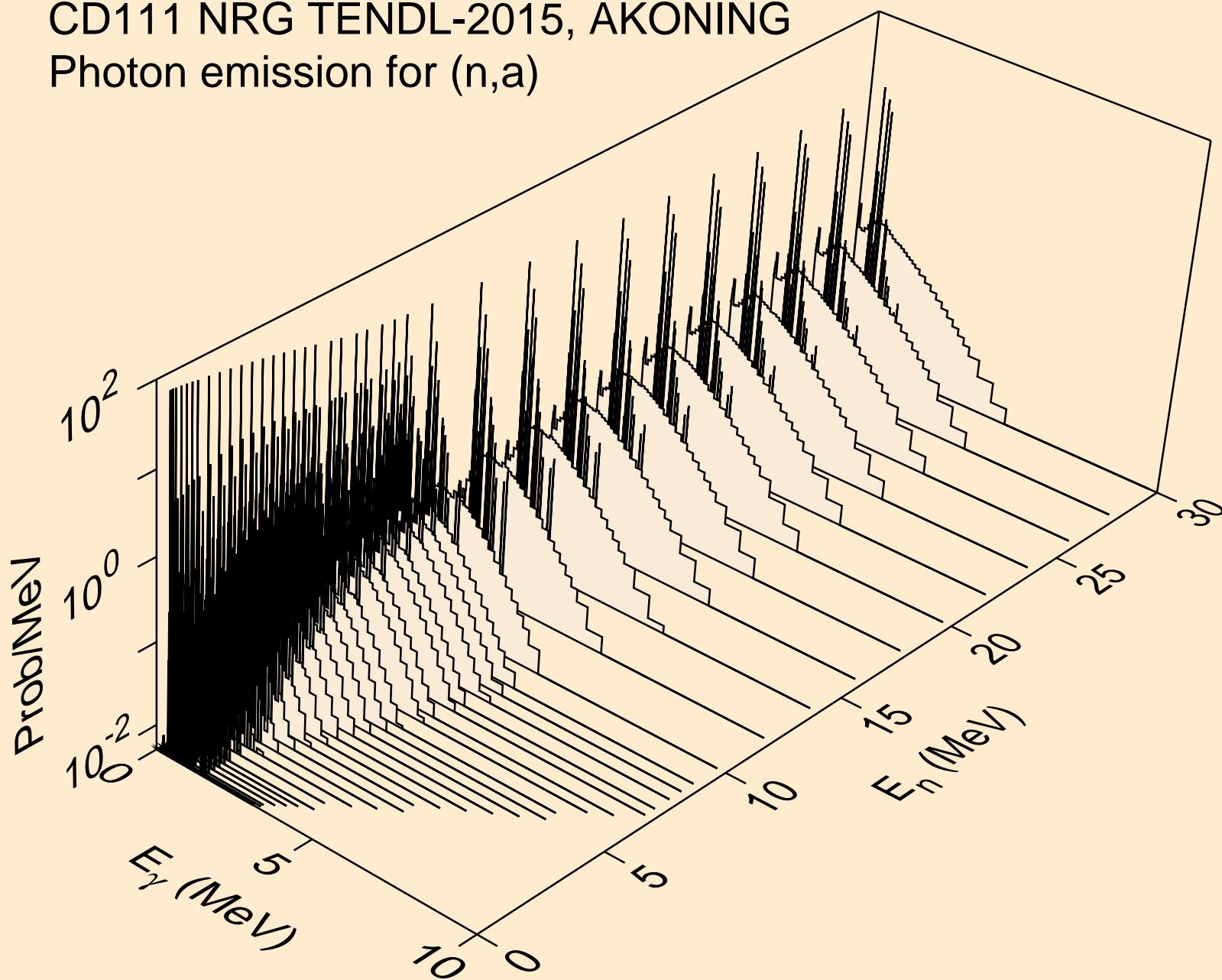
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



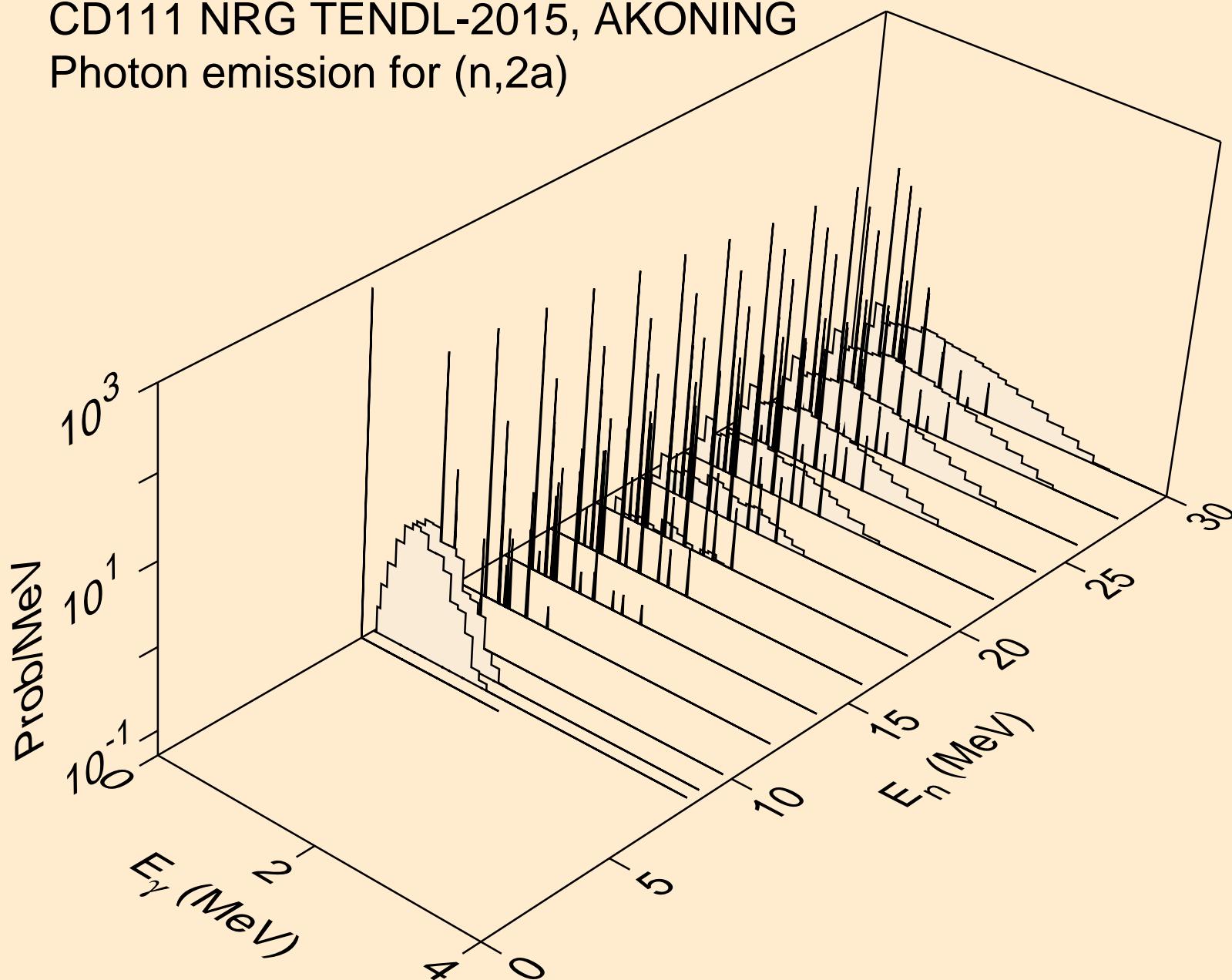
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



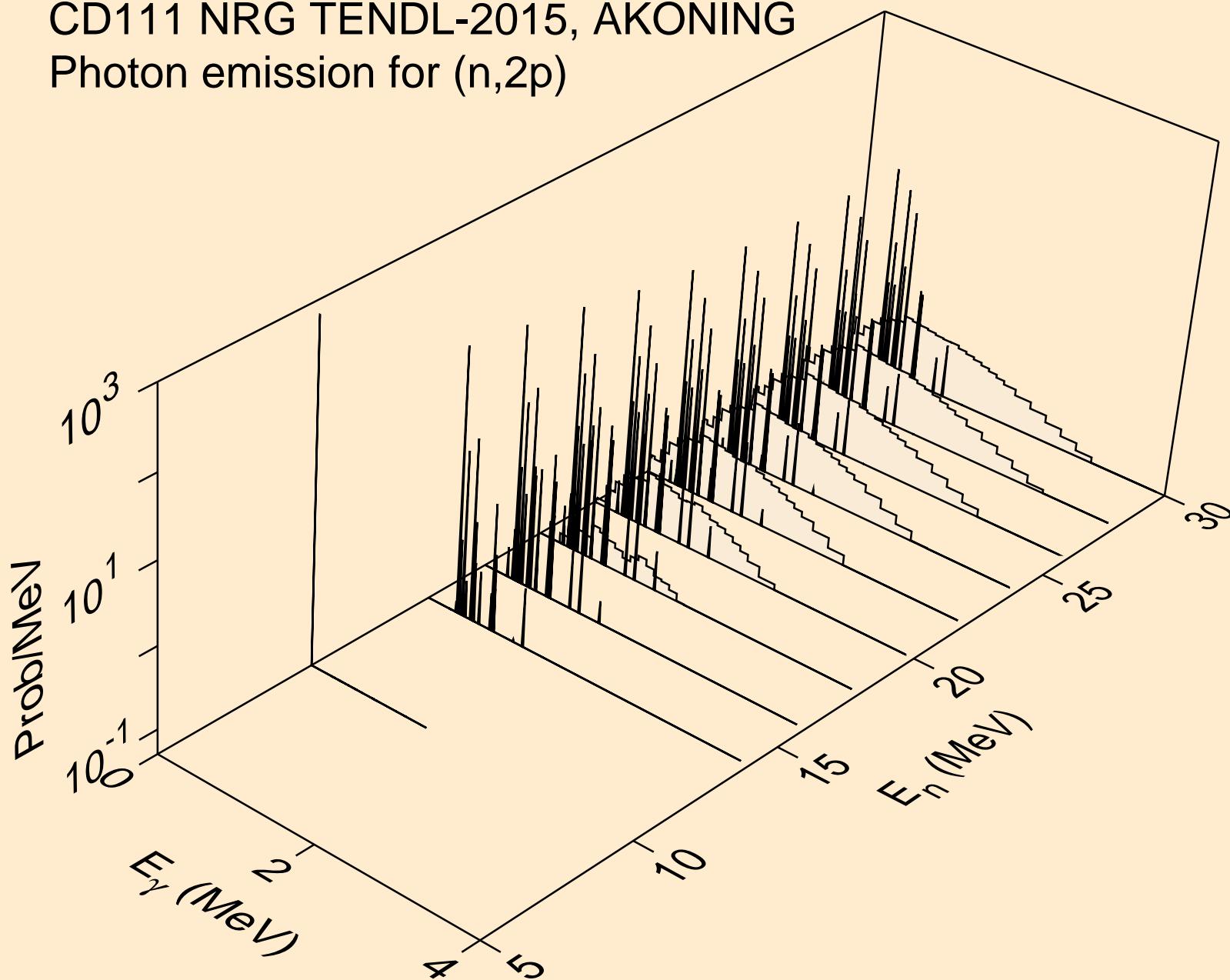
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



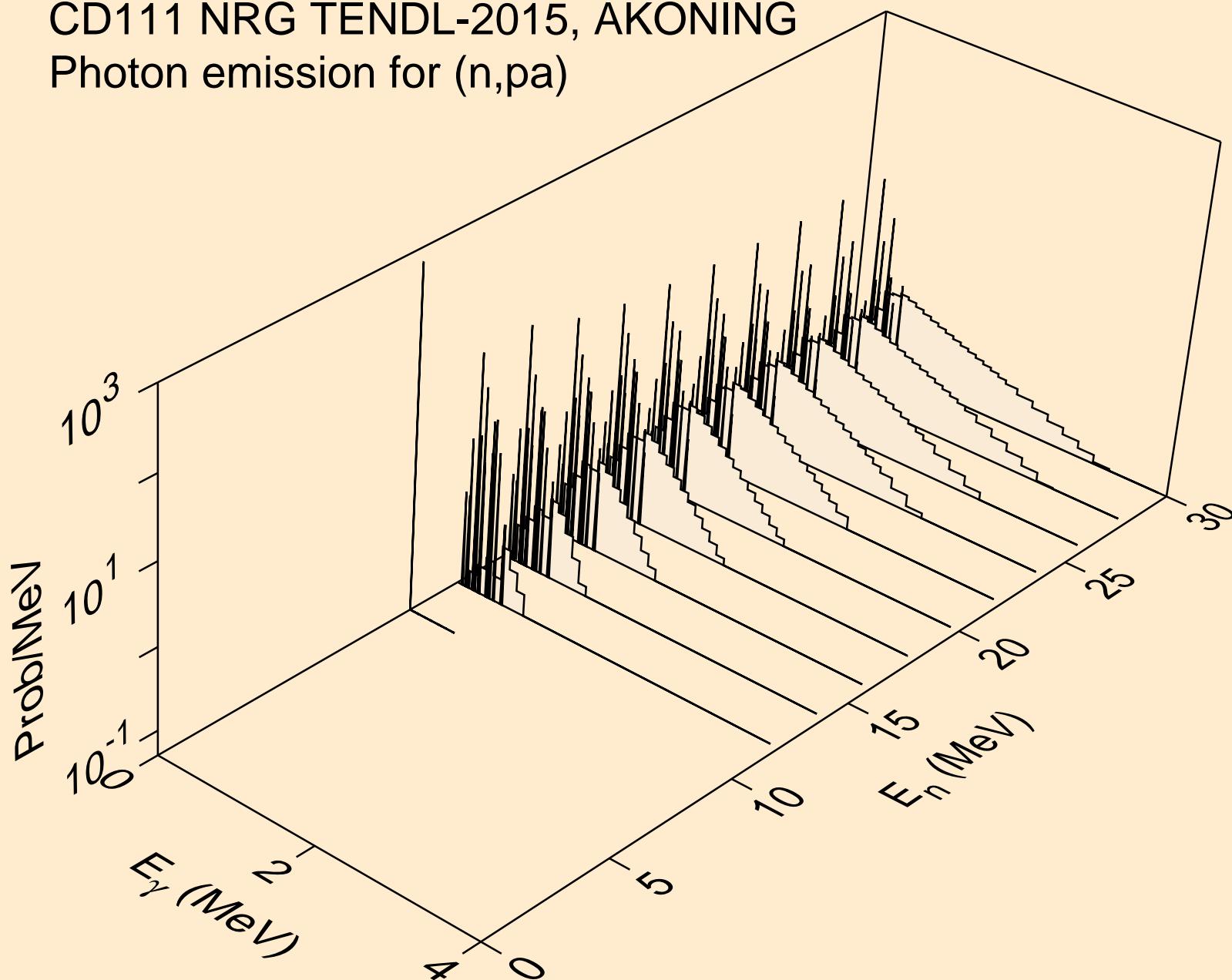
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



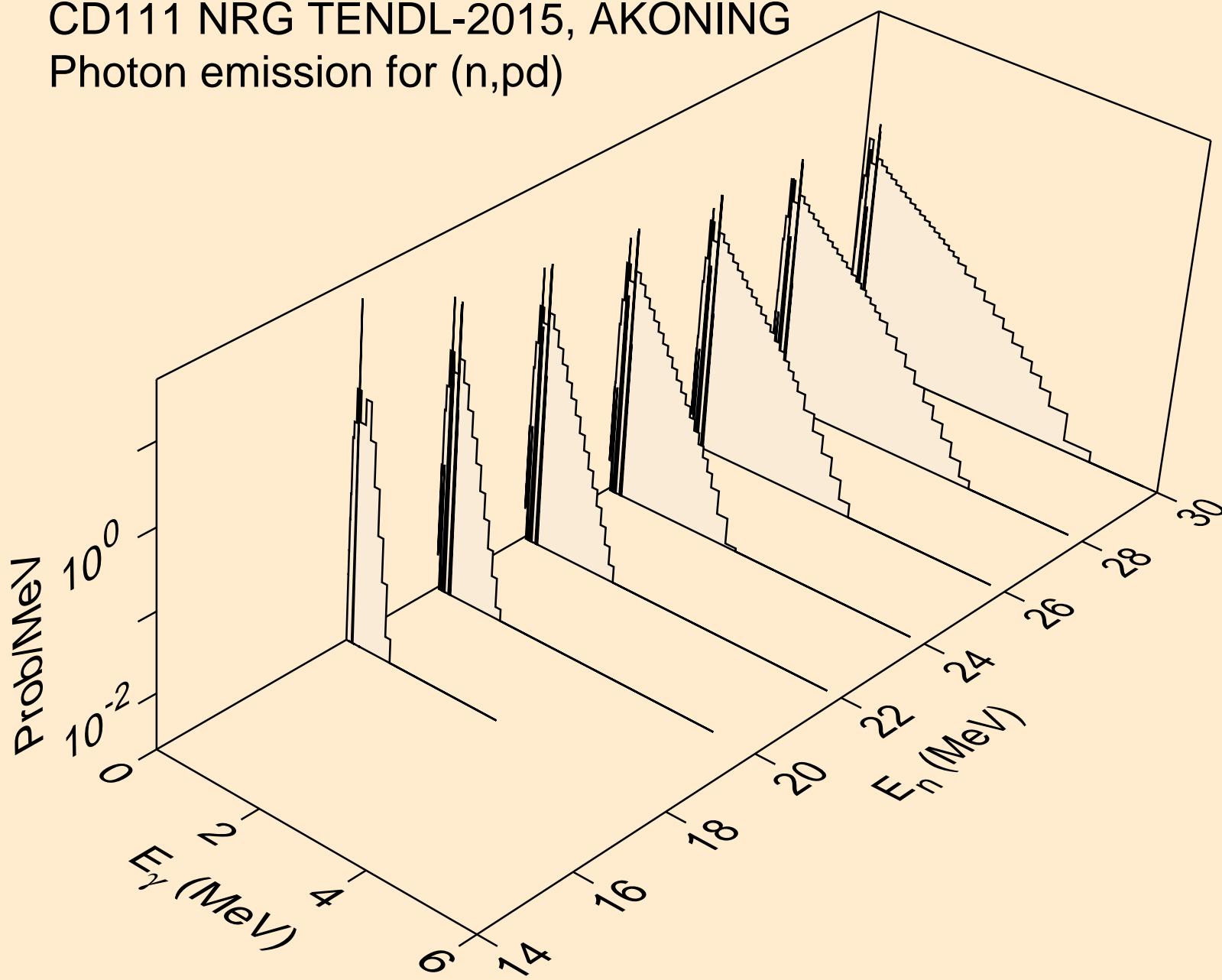
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



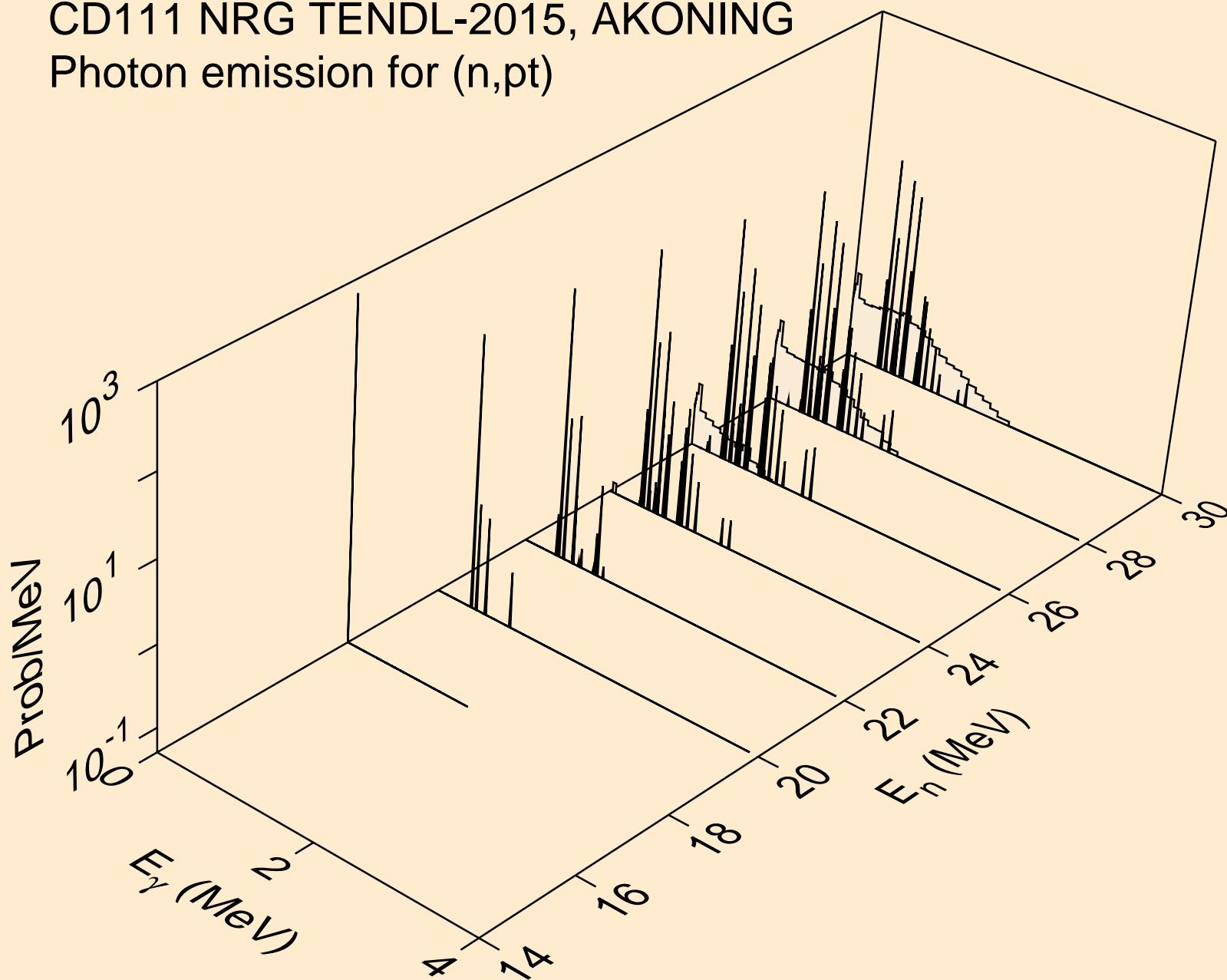
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



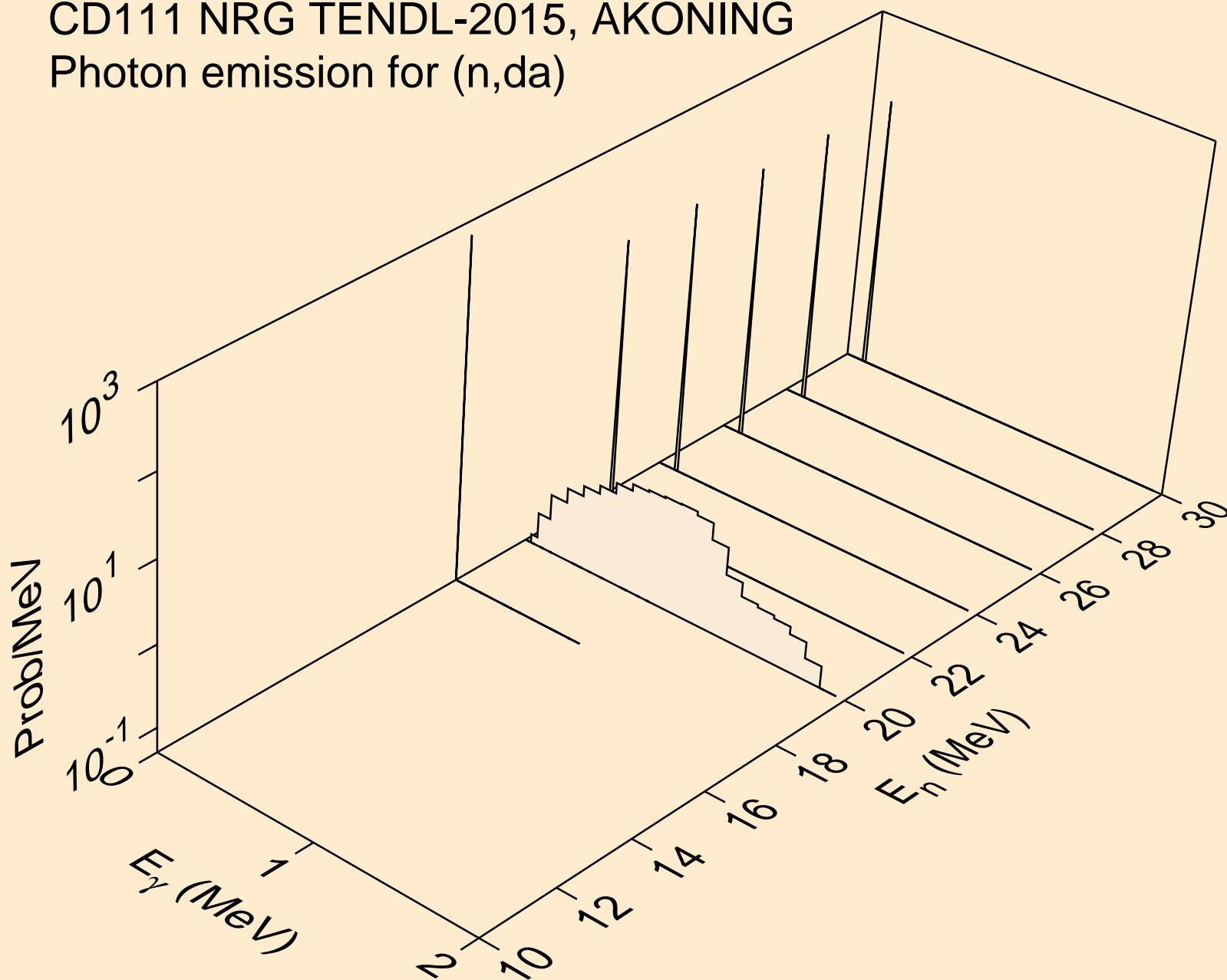
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



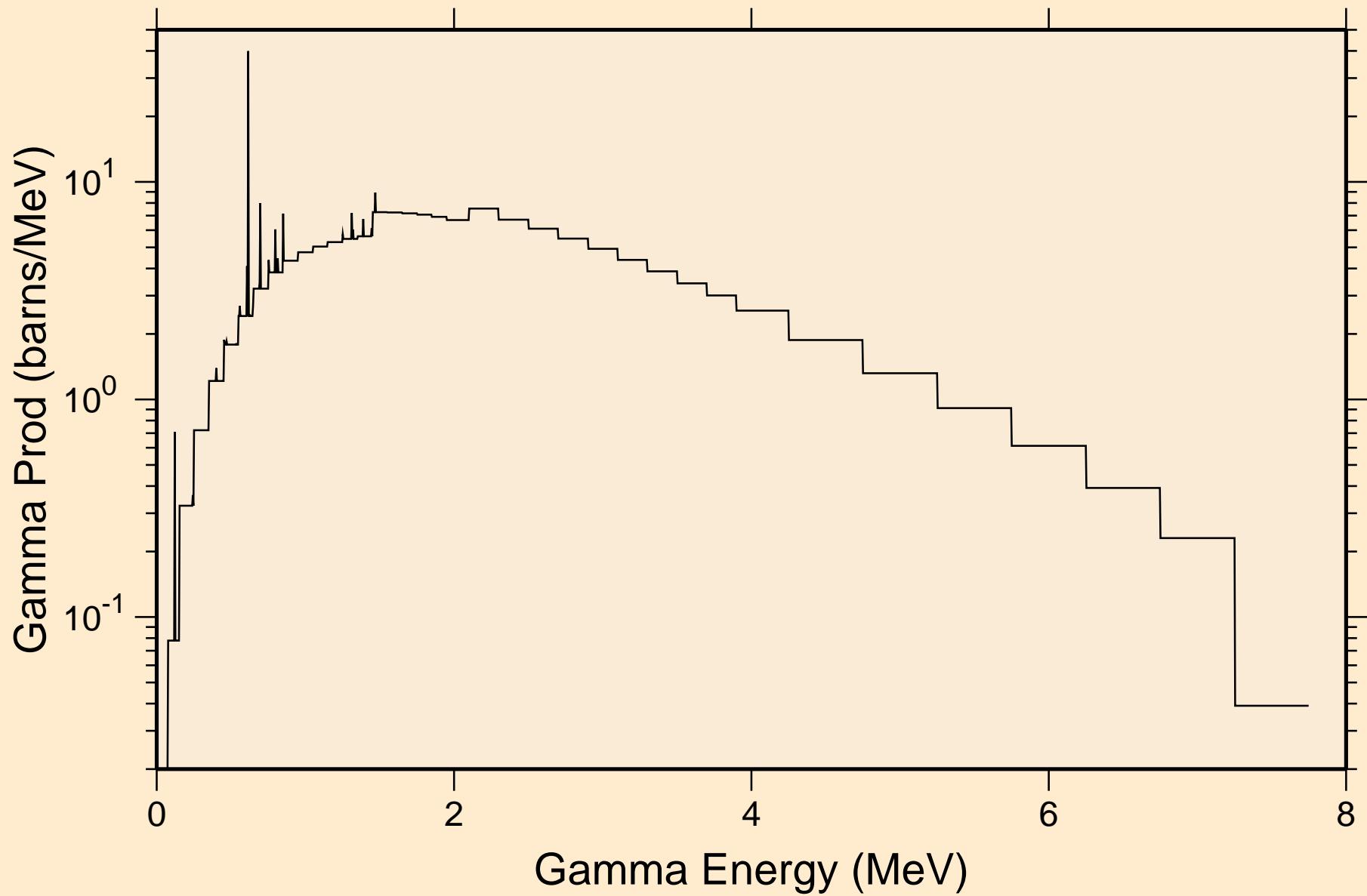
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



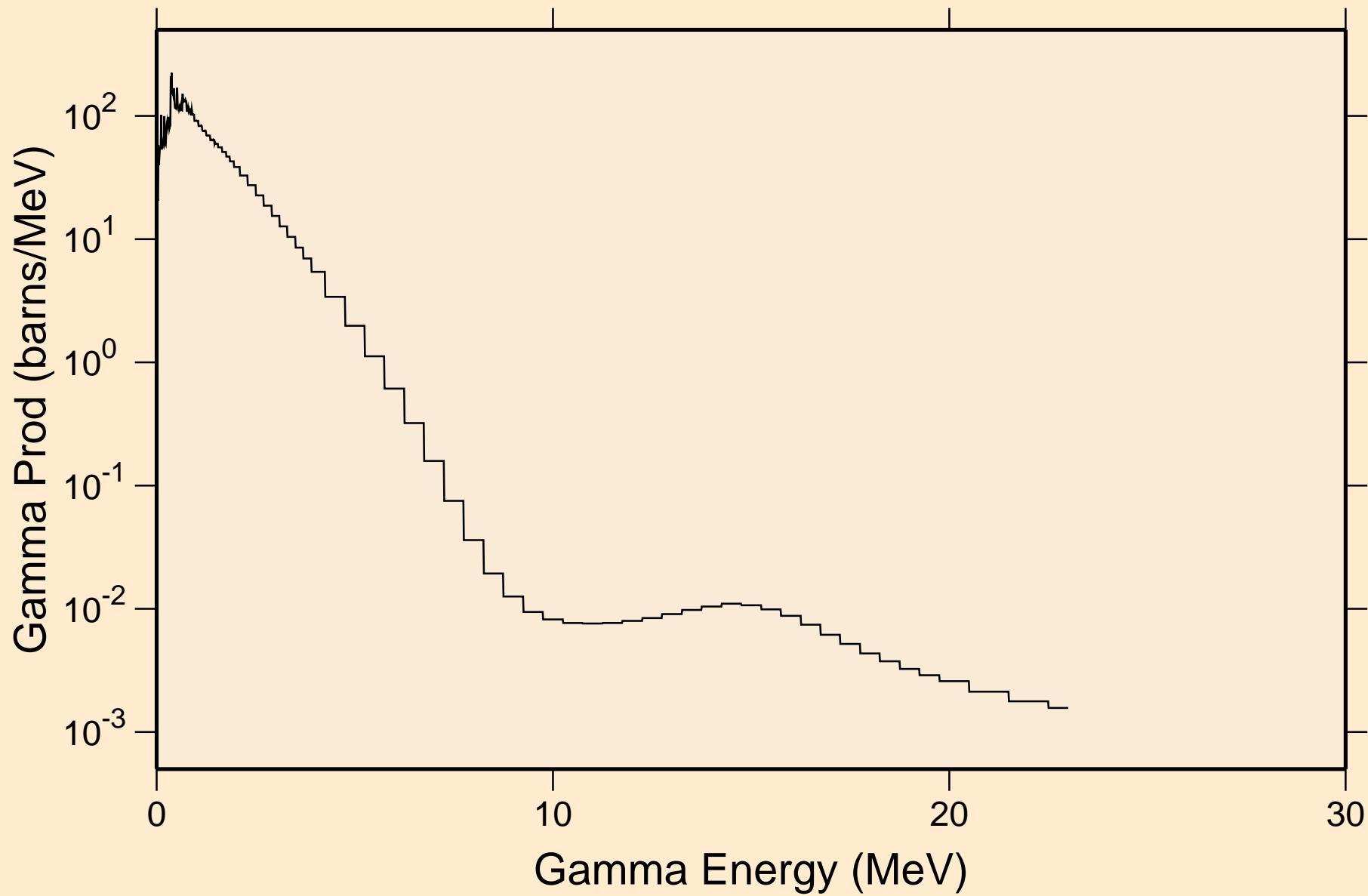
CD111 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CD111 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

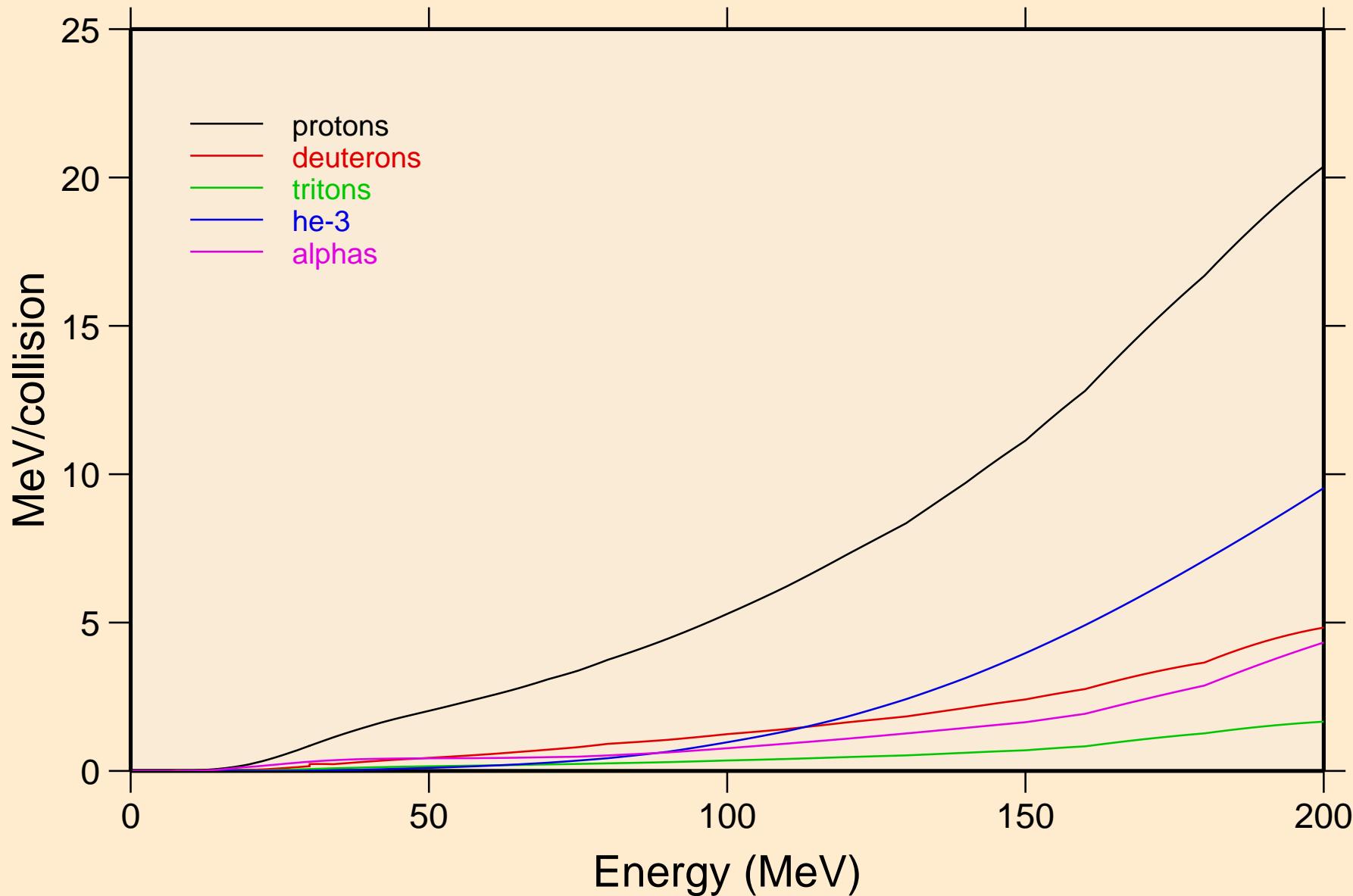


CD111 NRG TENDL-2015, AKONING  
14 MeV photon spectrum

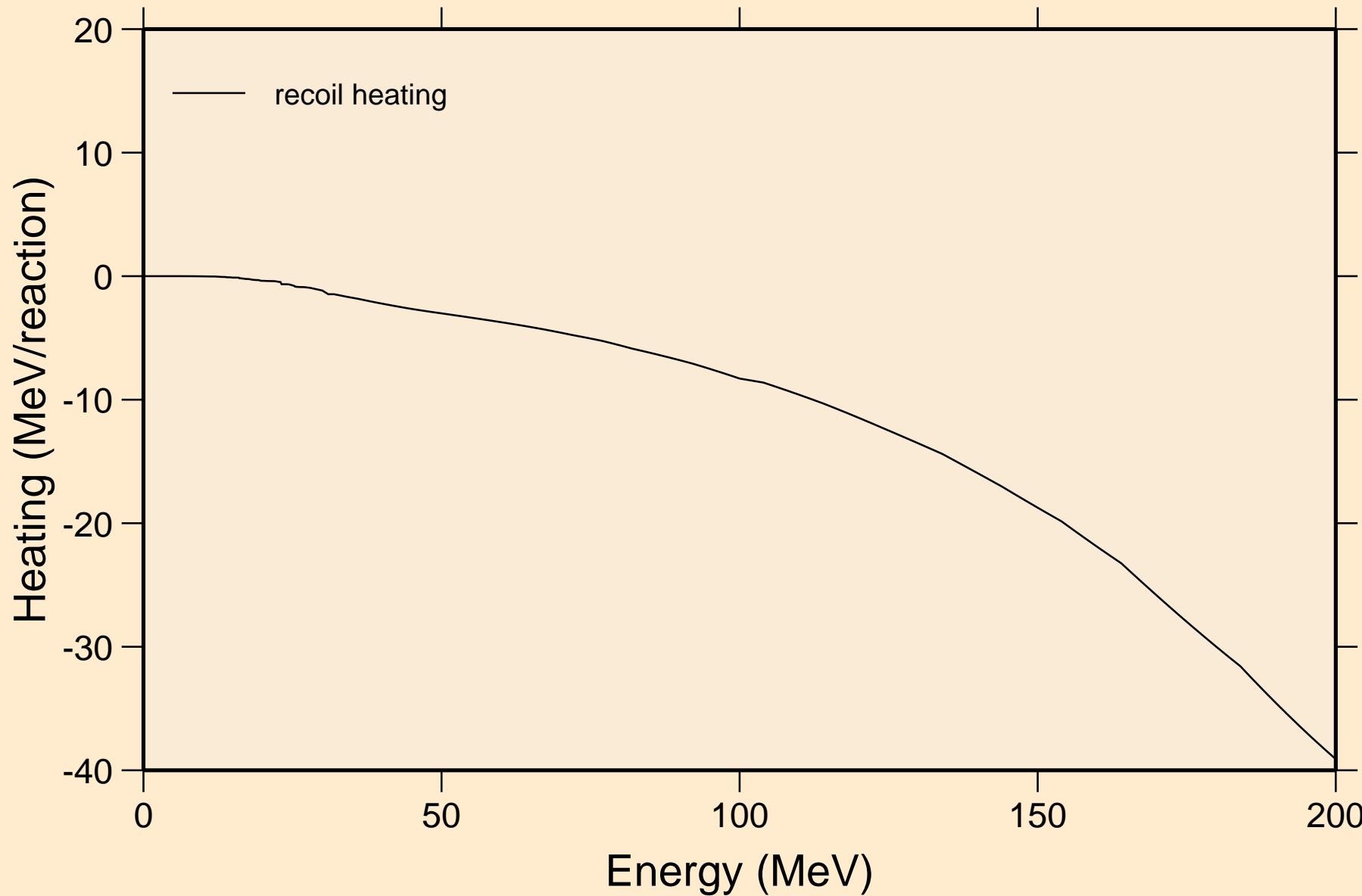


# CD111 NRG TENDL-2015, AKONING

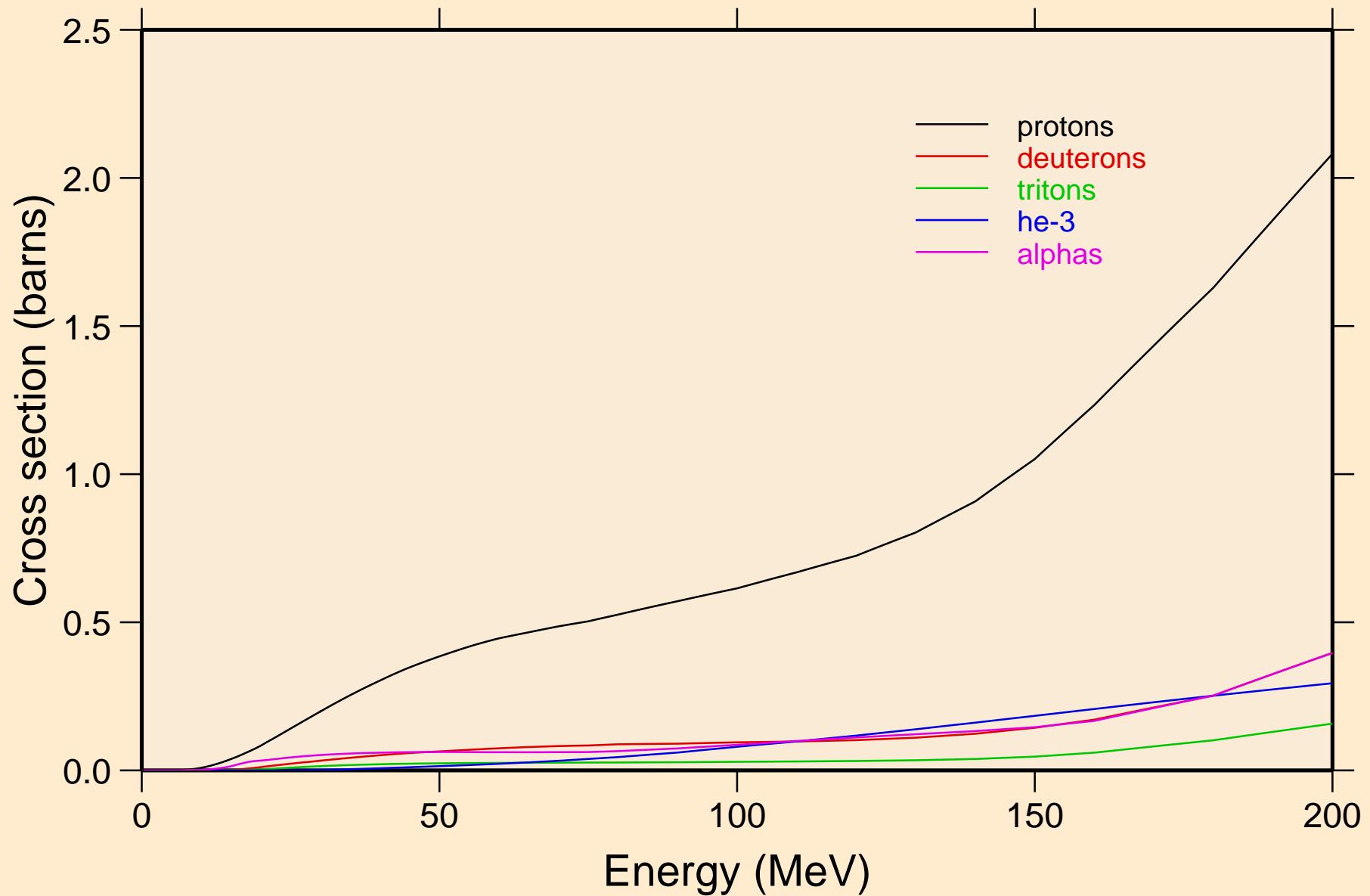
## Particle heating contributions



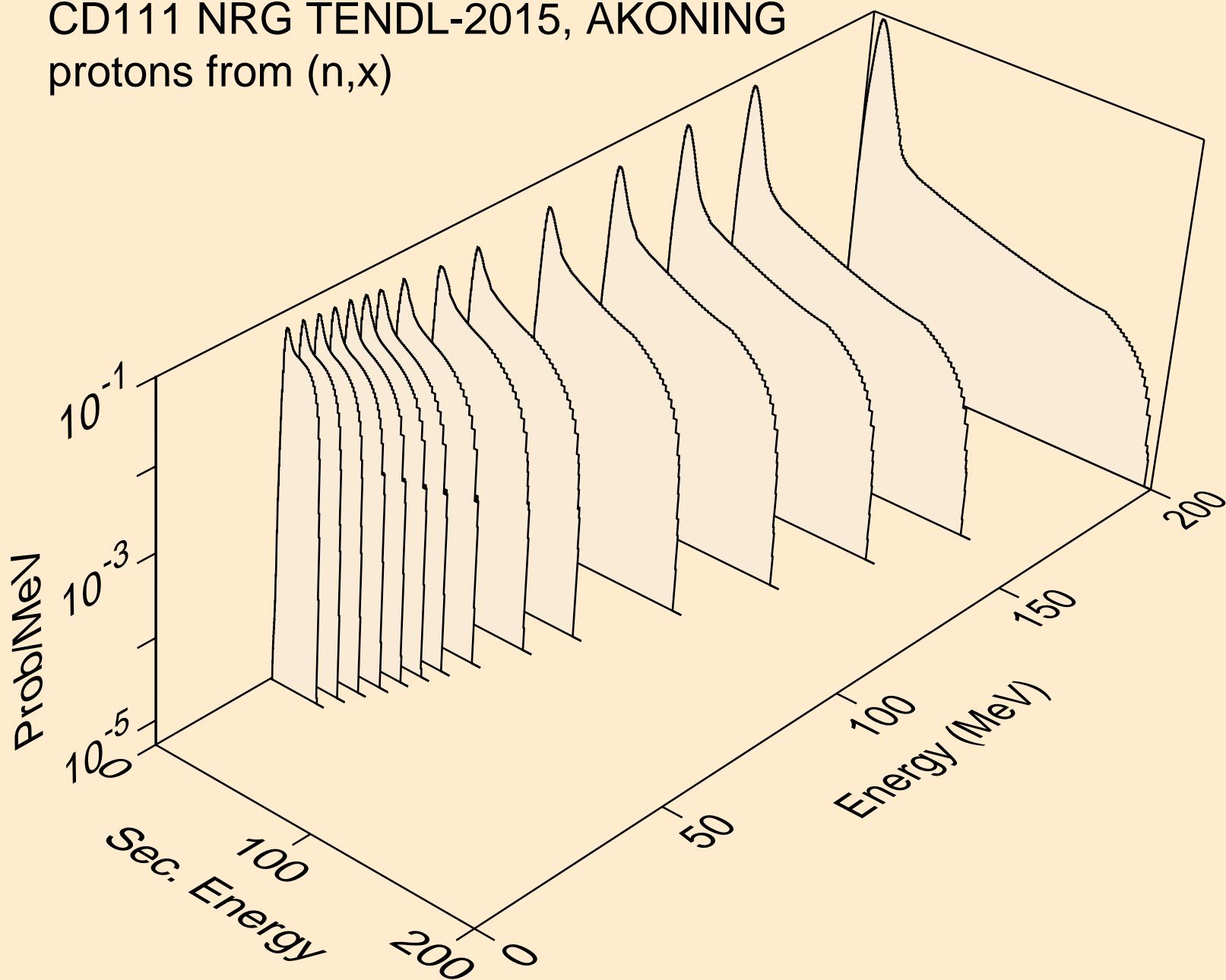
# CD111 NRG TENDL-2015, AKONING Recoil Heating



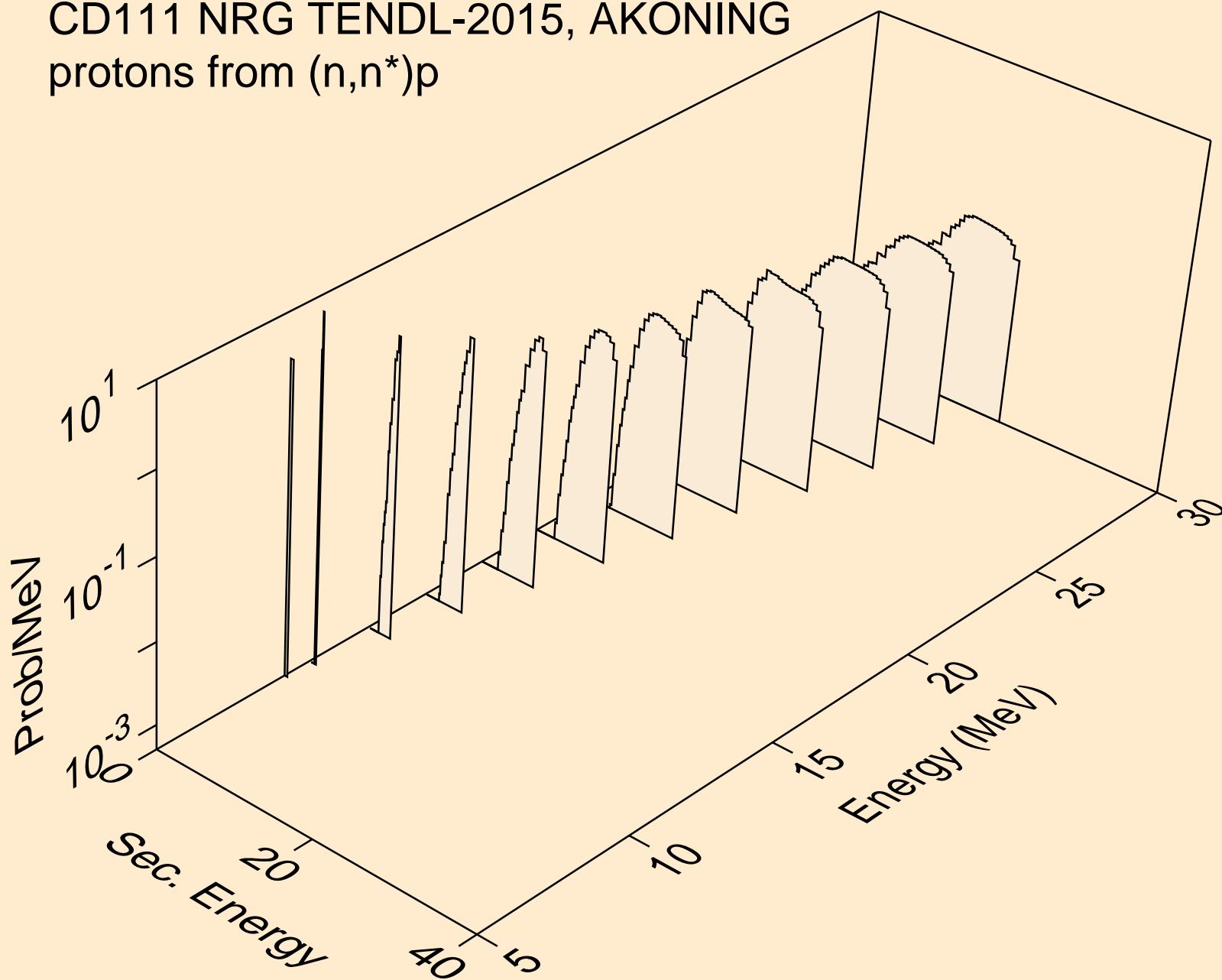
CD111 NRG TENDL-2015, AKONING  
Particle production cross sections



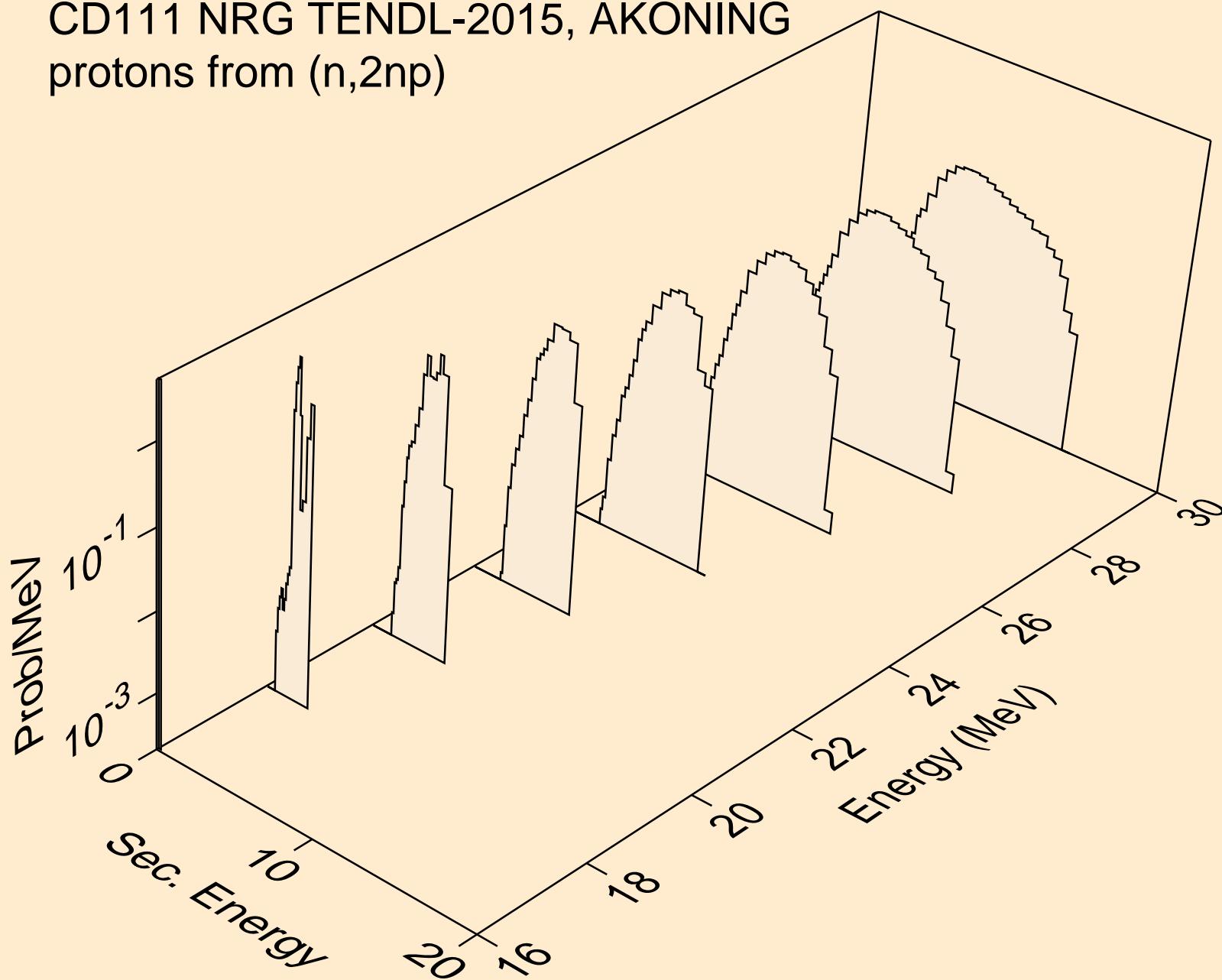
CD111 NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



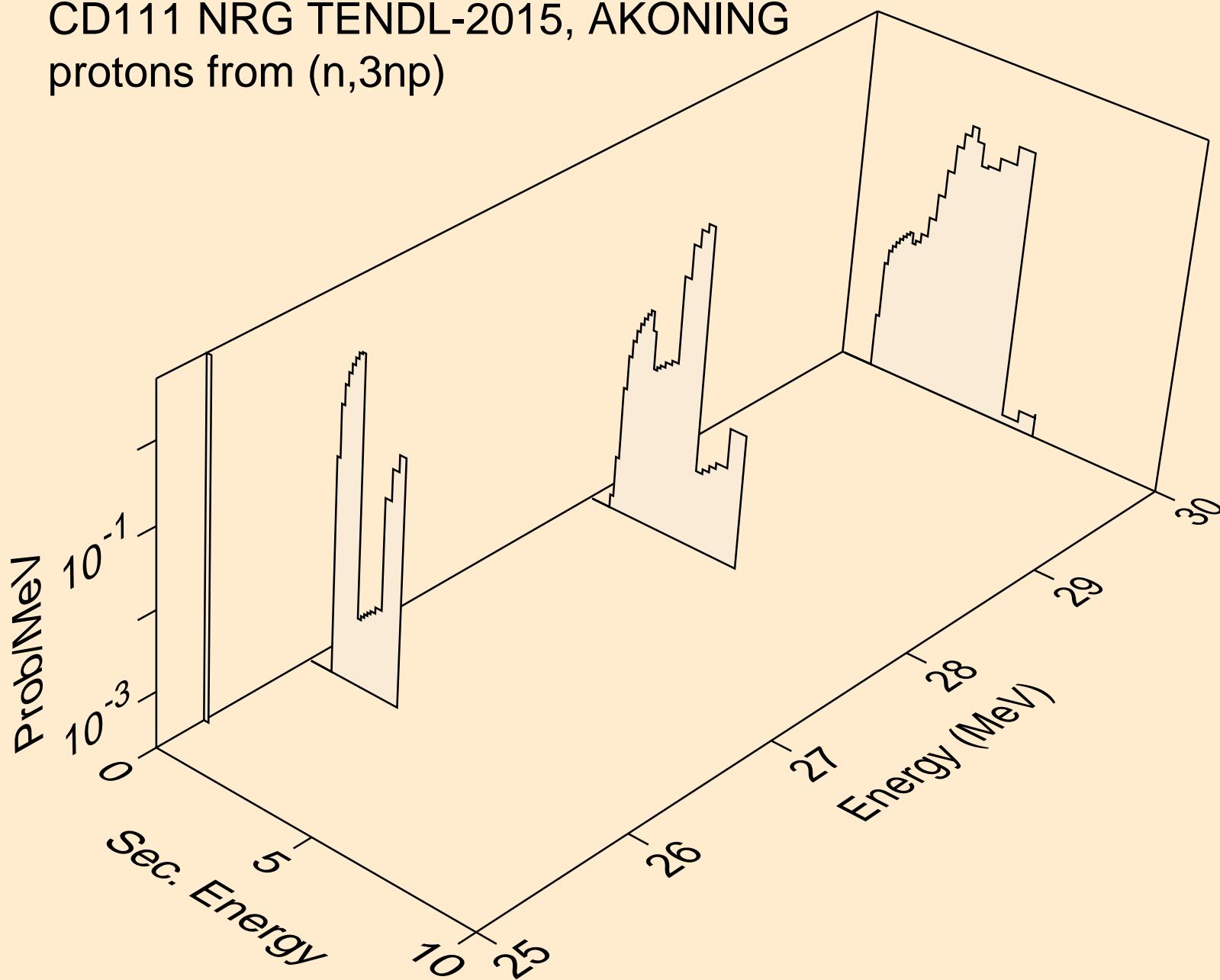
CD111 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



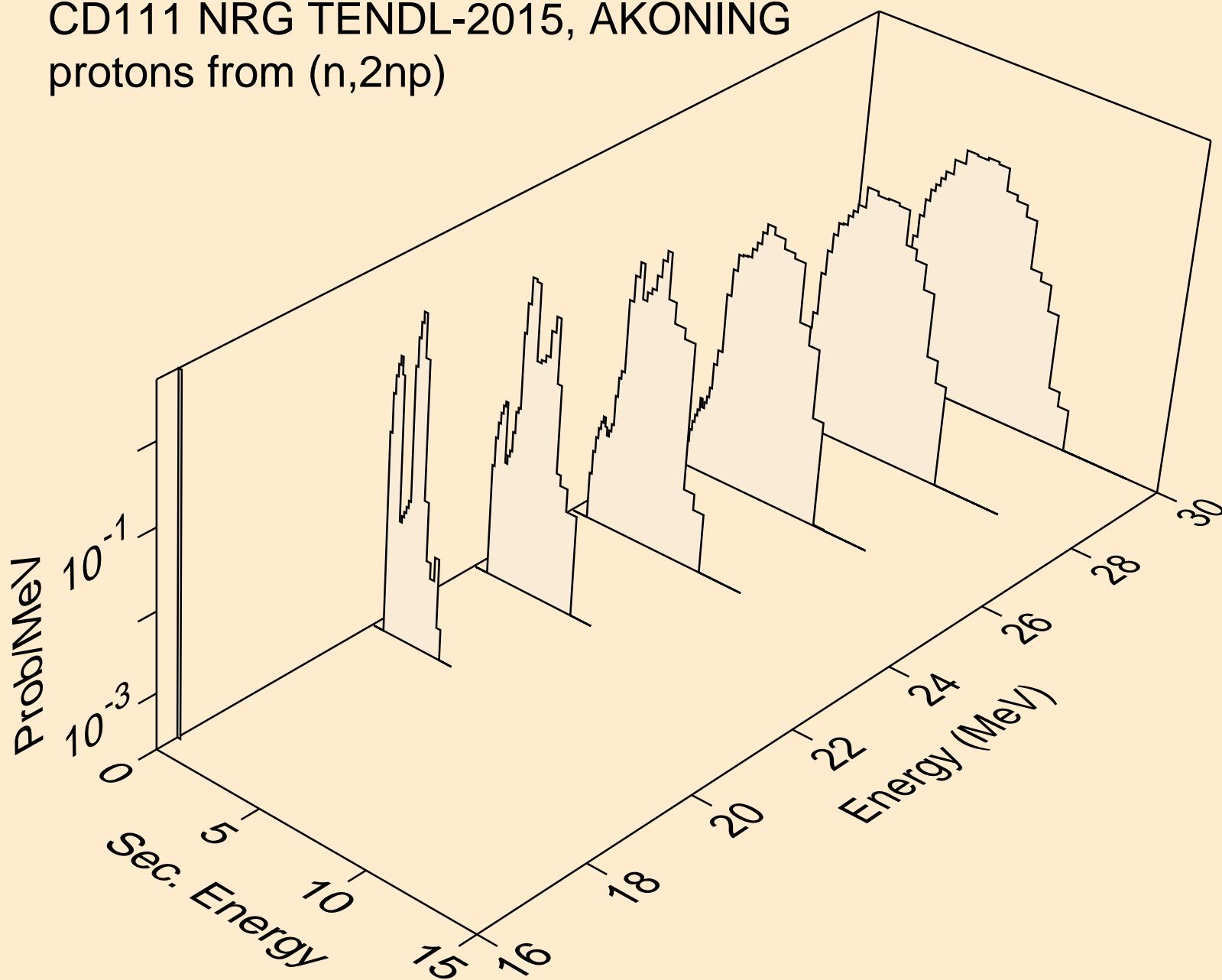
CD111 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



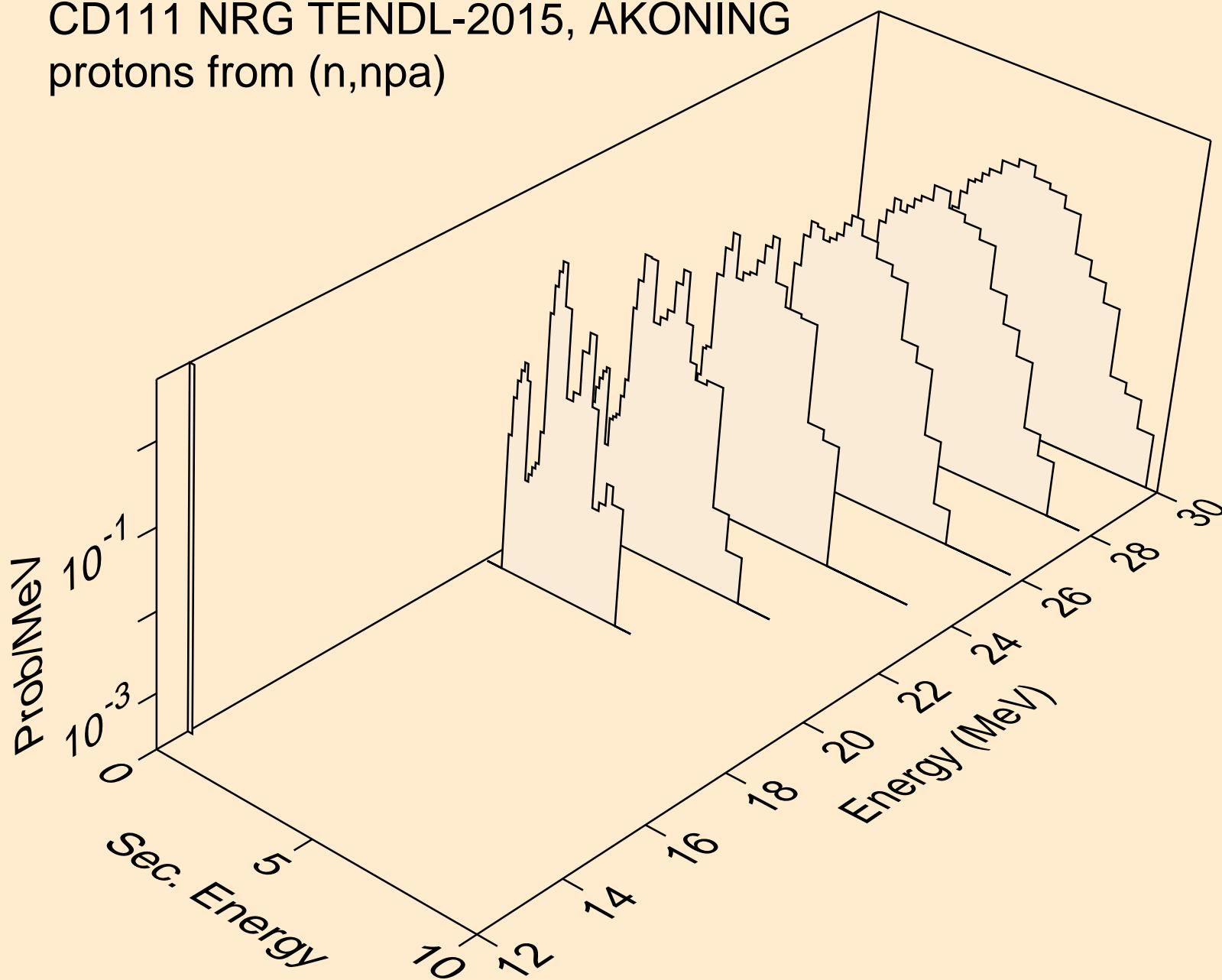
CD111 NRG TENDL-2015, AKONING  
protons from ( $n,3np$ )



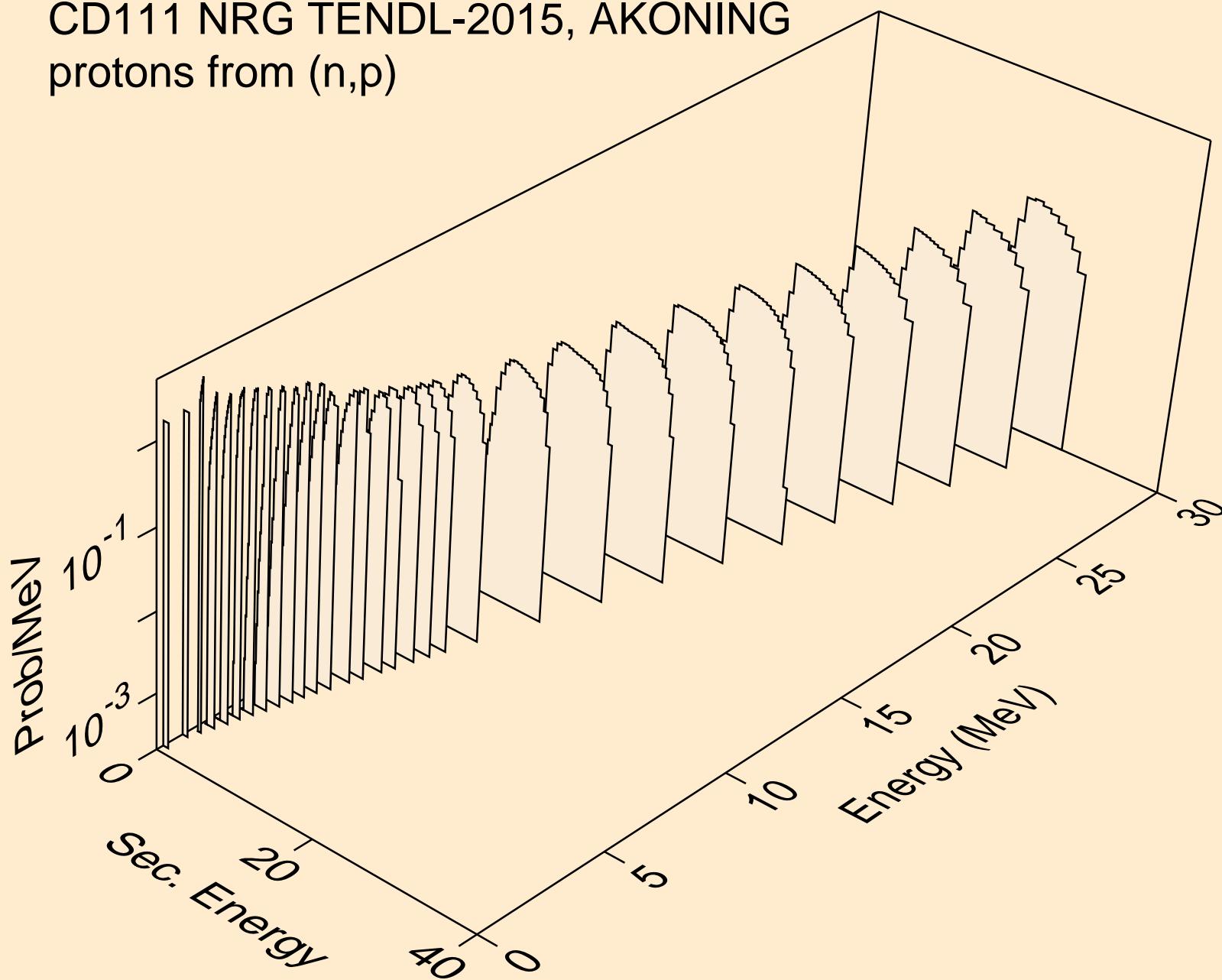
CD111 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



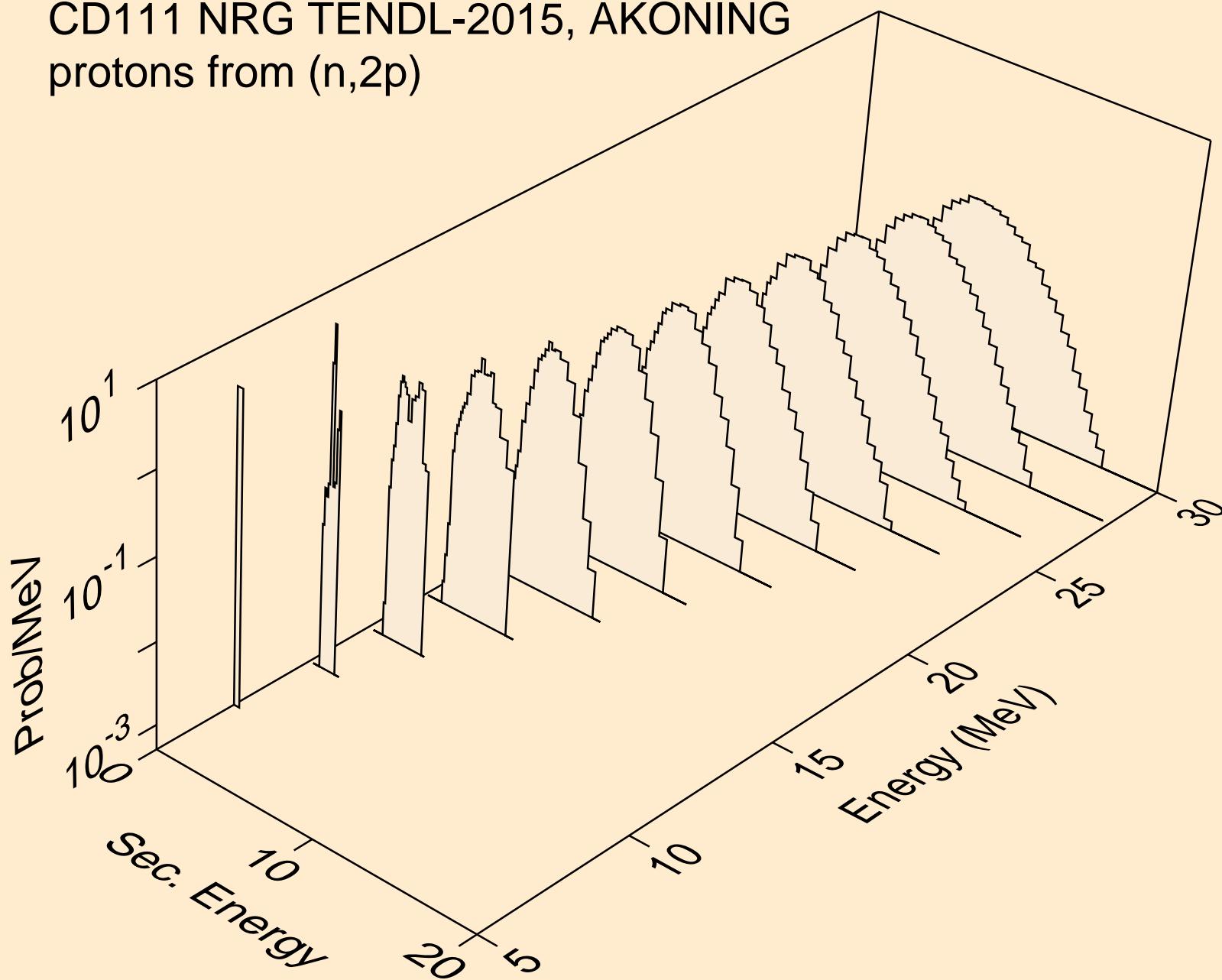
CD111 NRG TENDL-2015, AKONING  
protons from (n,npa)



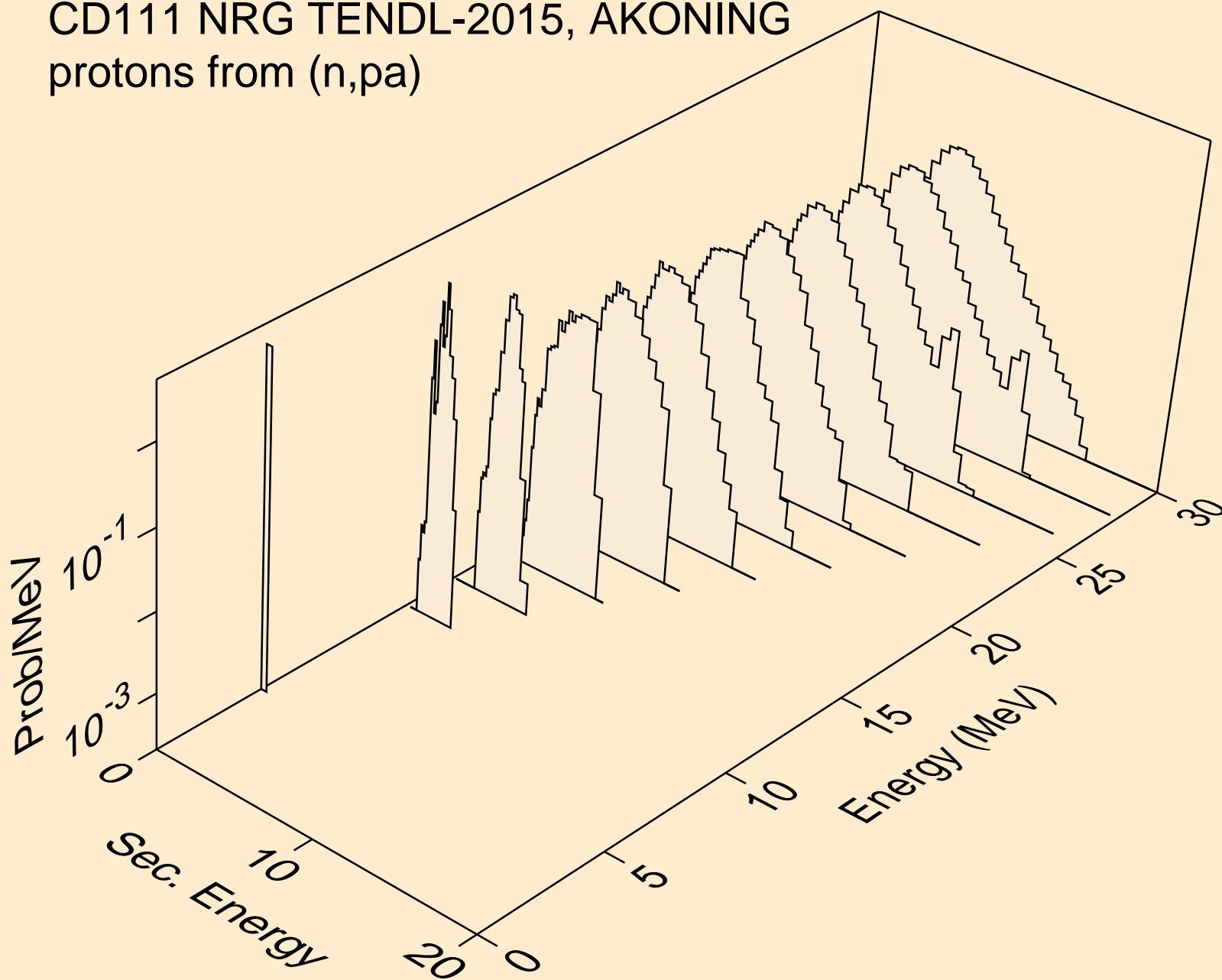
CD111 NRG TENDL-2015, AKONING  
protons from (n,p)



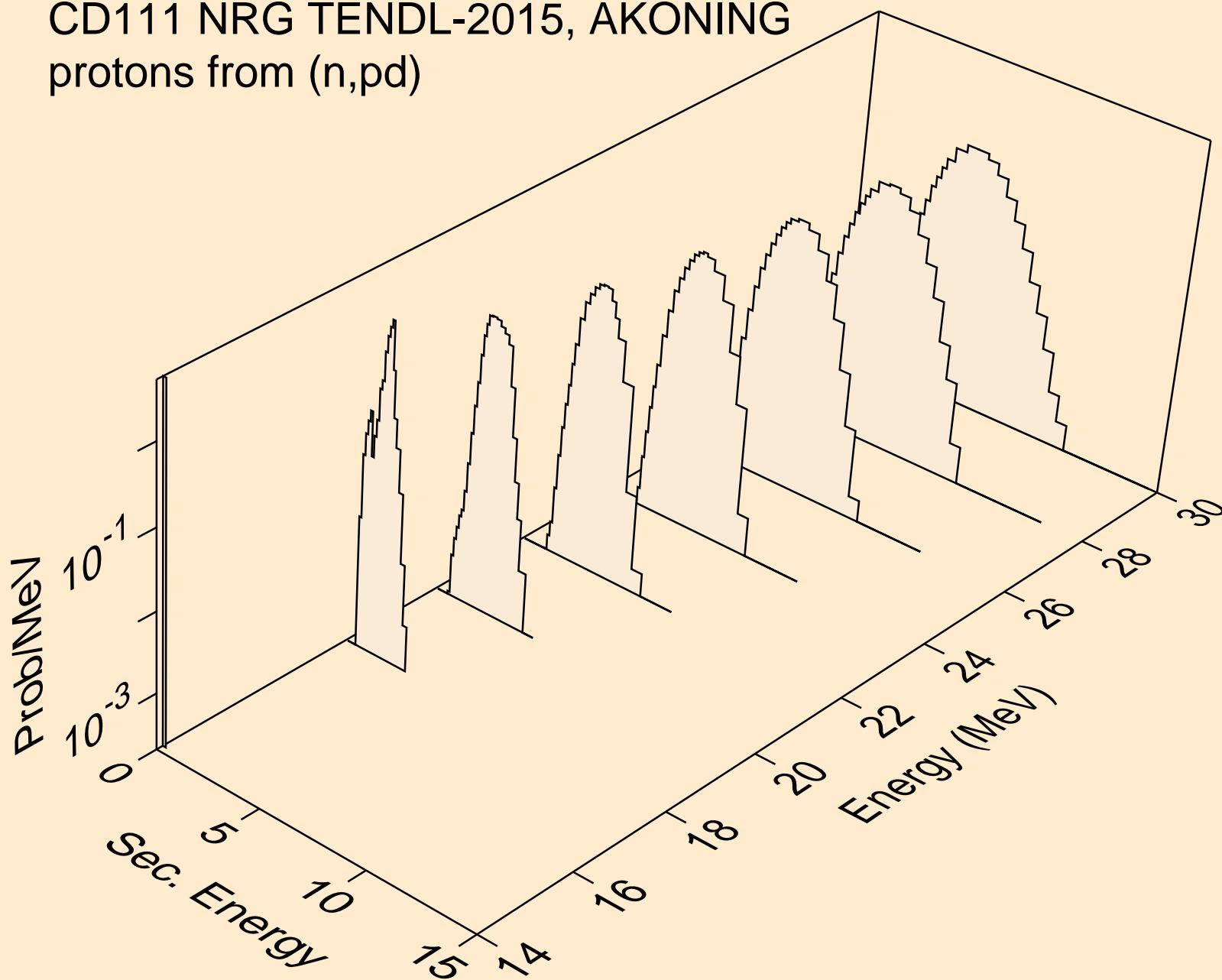
CD111 NRG TENDL-2015, AKONING  
protons from ( $n,2p$ )



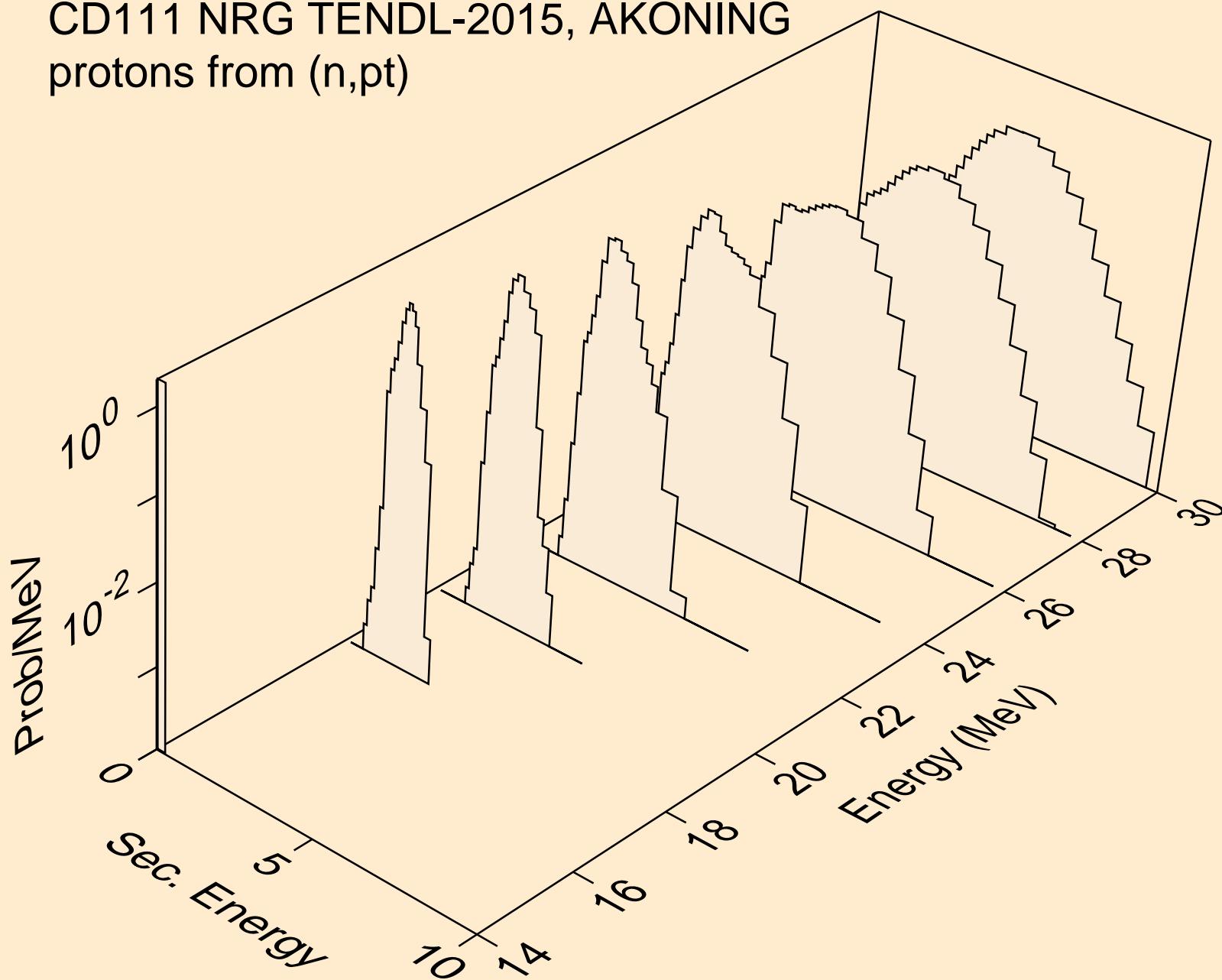
CD111 NRG TENDL-2015, AKONING  
protons from (n,pa)



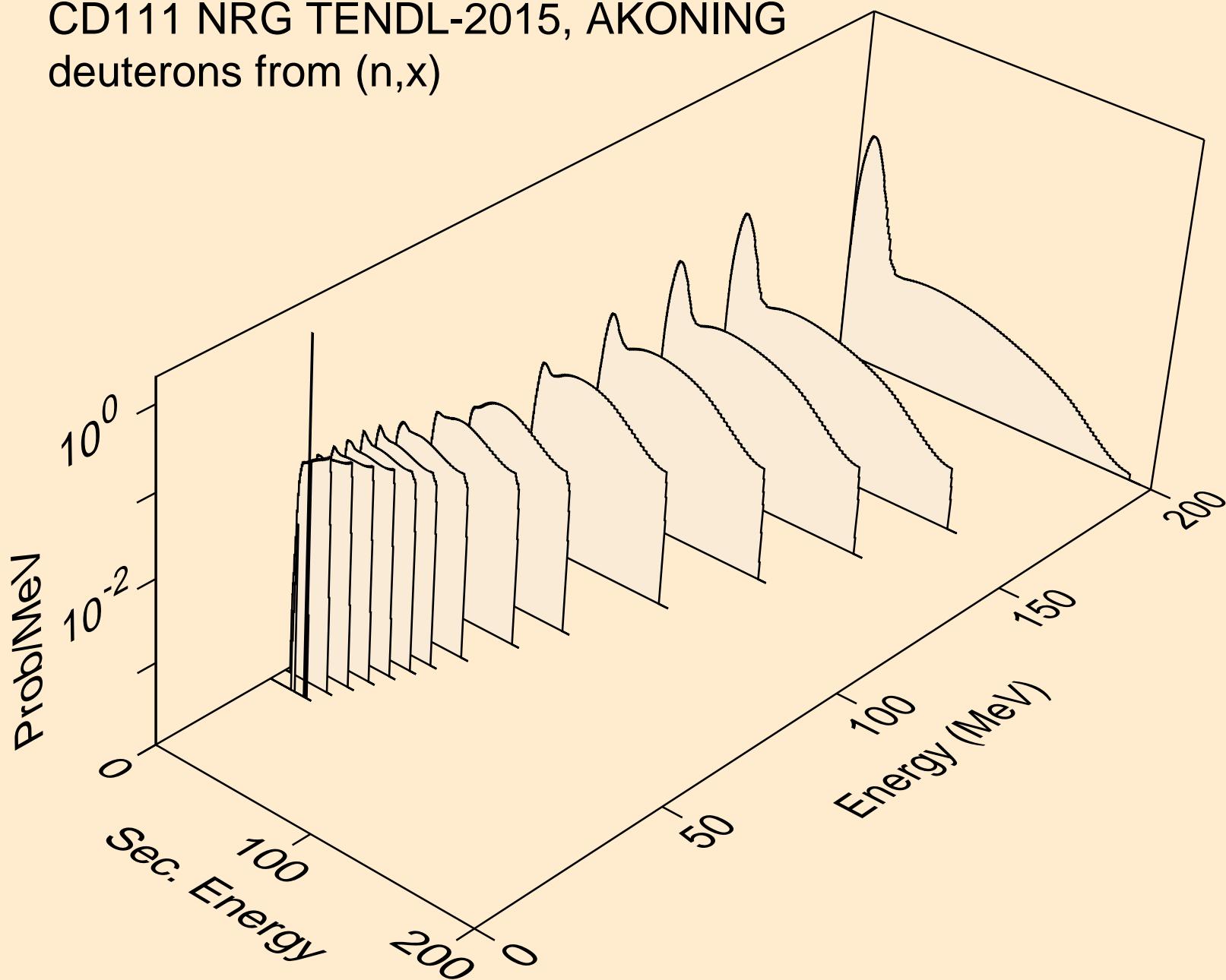
CD111 NRG TENDL-2015, AKONING  
protons from ( $n, pd$ )



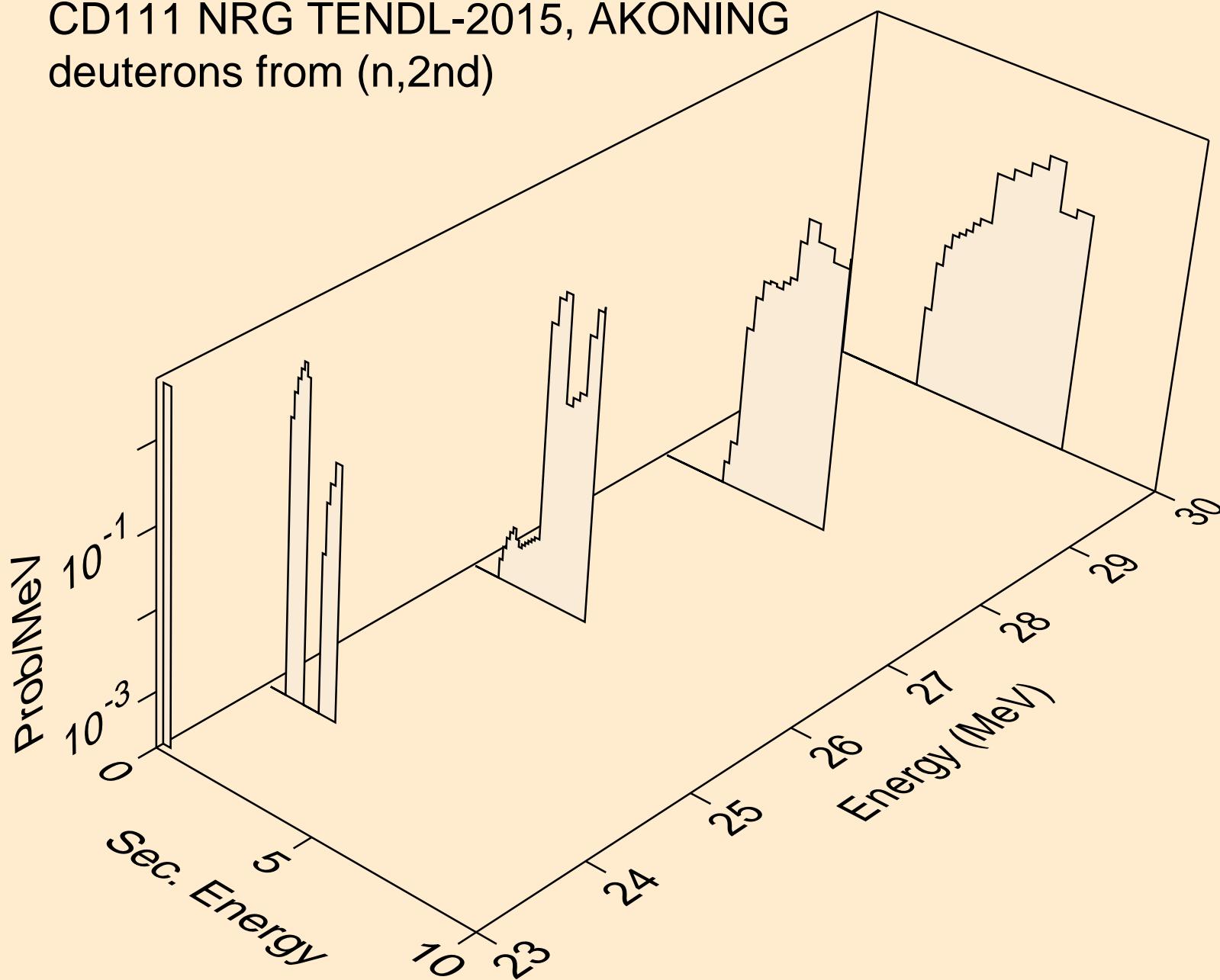
CD111 NRG TENDL-2015, AKONING  
protons from (n,pt)



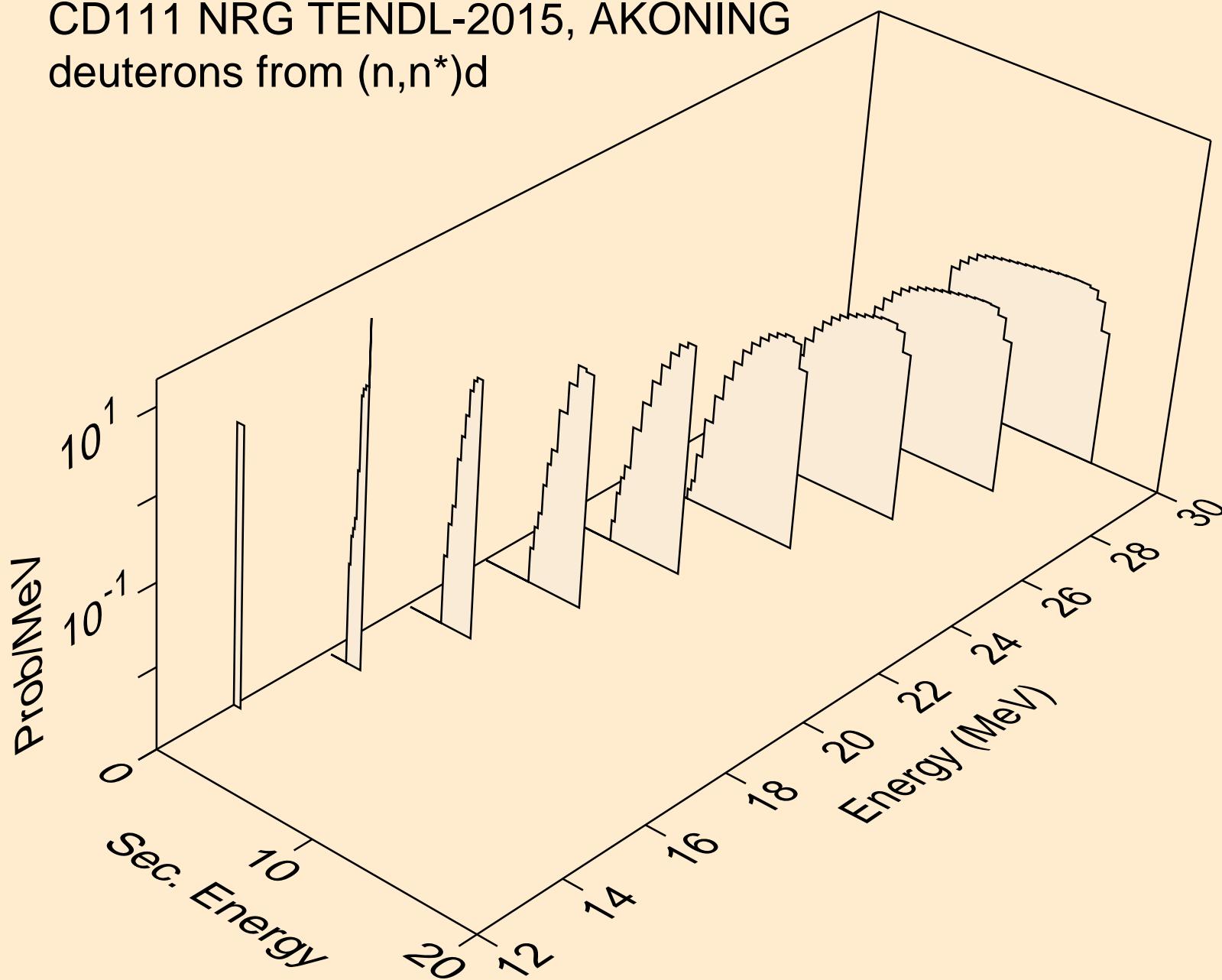
CD111 NRG TENDL-2015, AKONING  
deuterons from ( $n, x$ )



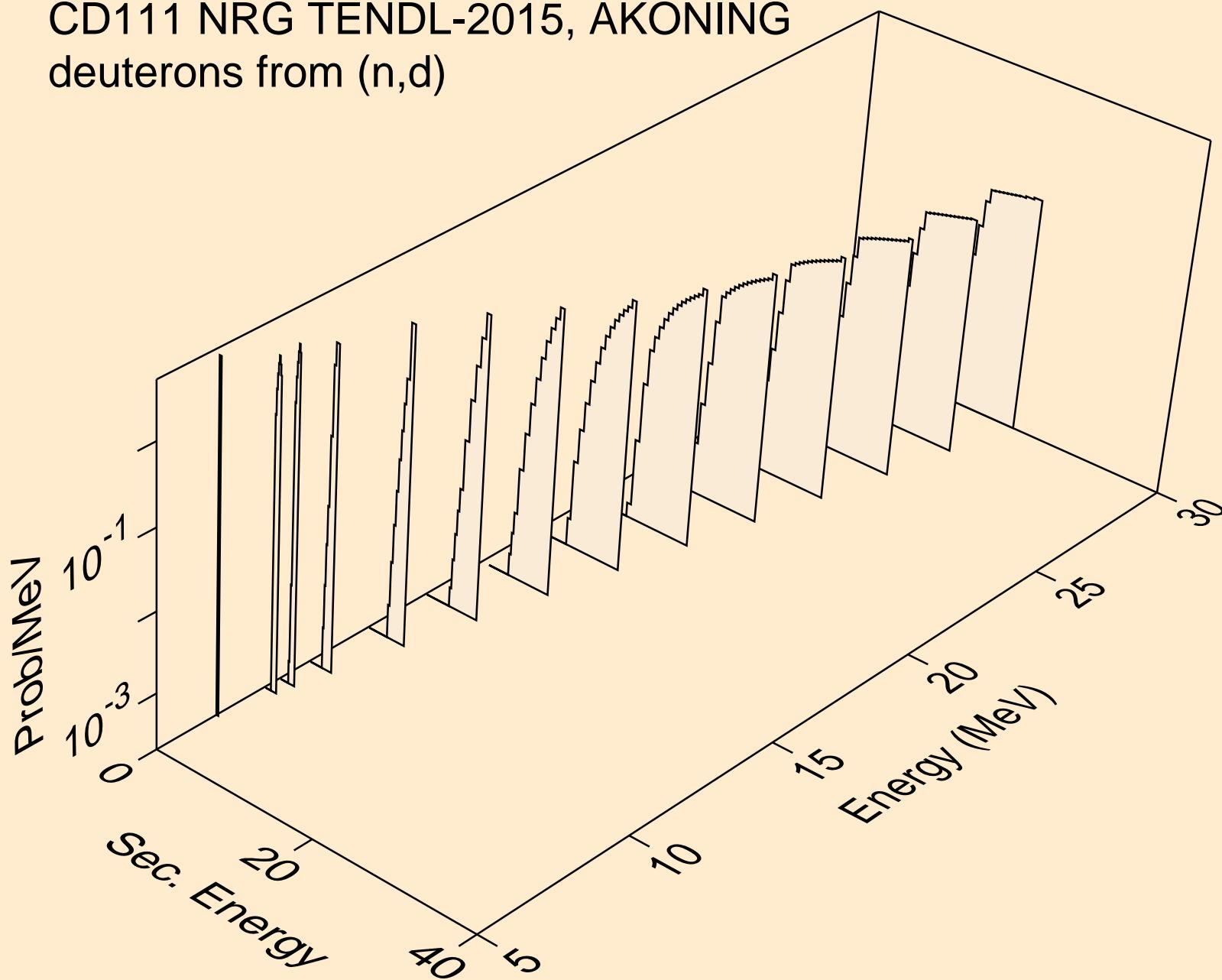
CD111 NRG TENDL-2015, AKONING  
deuterons from ( $n,2nd$ )



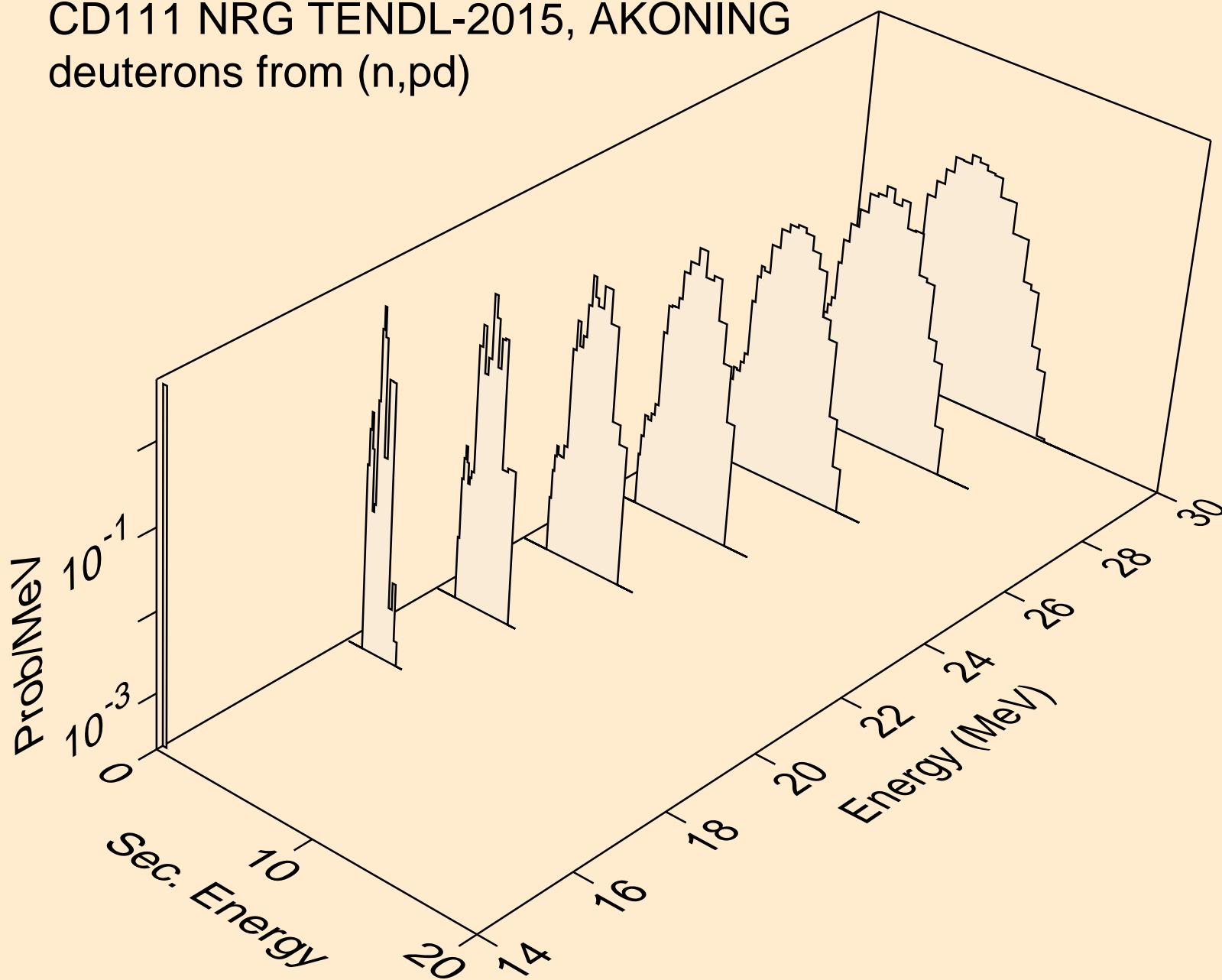
CD111 NRG TENDL-2015, AKONING  
deuterons from  $(n,n^*)d$



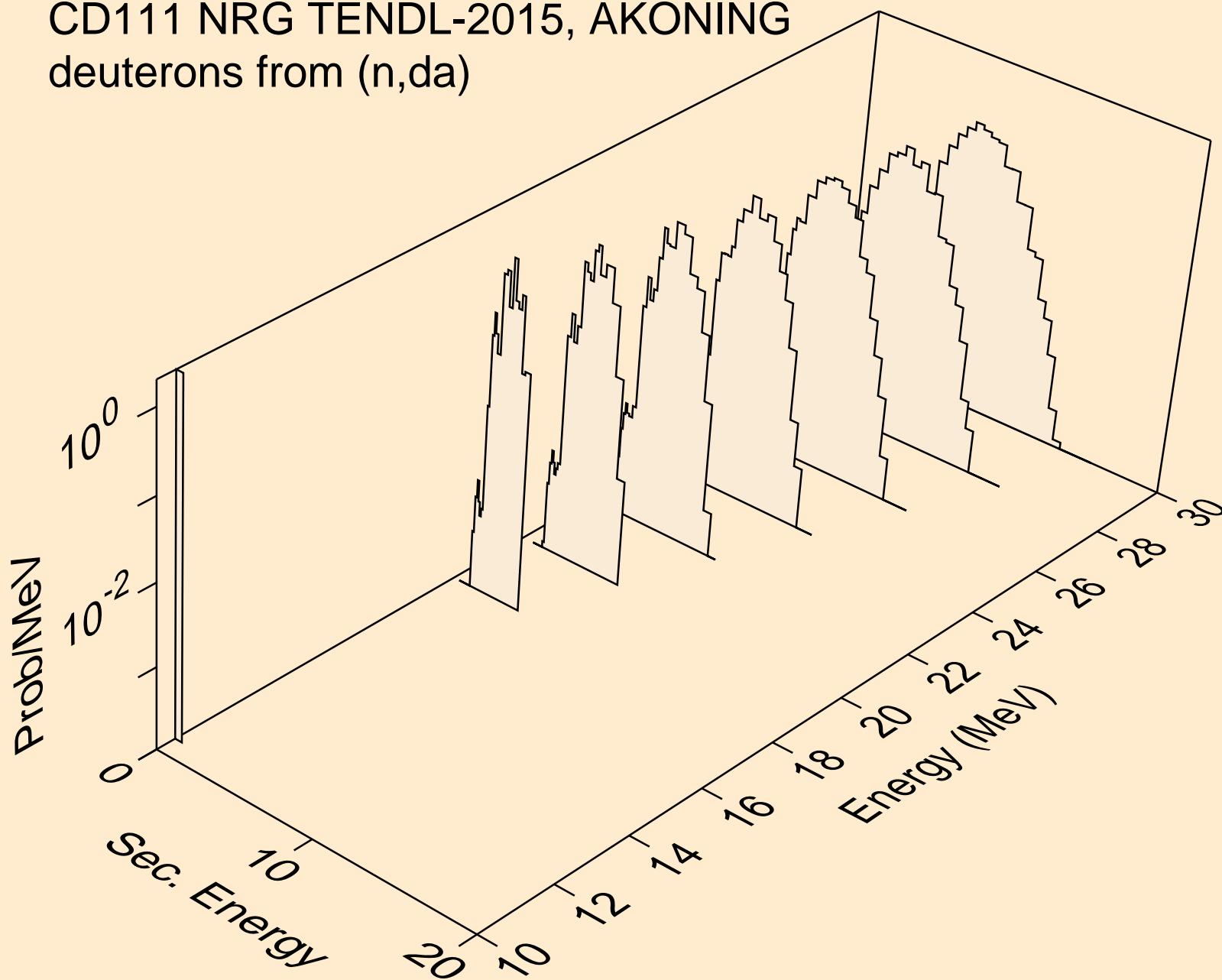
CD111 NRG TENDL-2015, AKONING  
deuterons from ( $n, d$ )



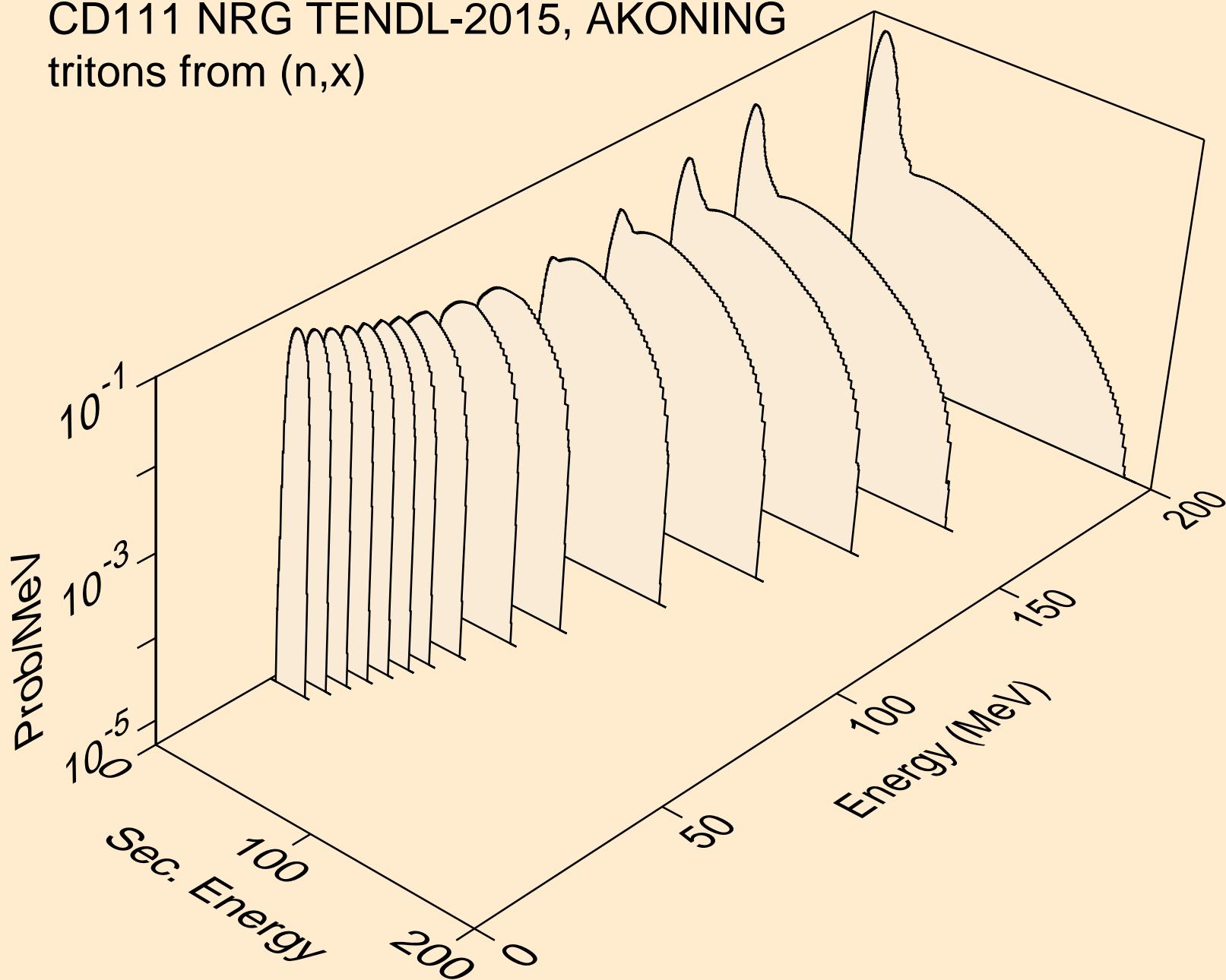
CD111 NRG TENDL-2015, AKONING  
deuterons from ( $n, pd$ )



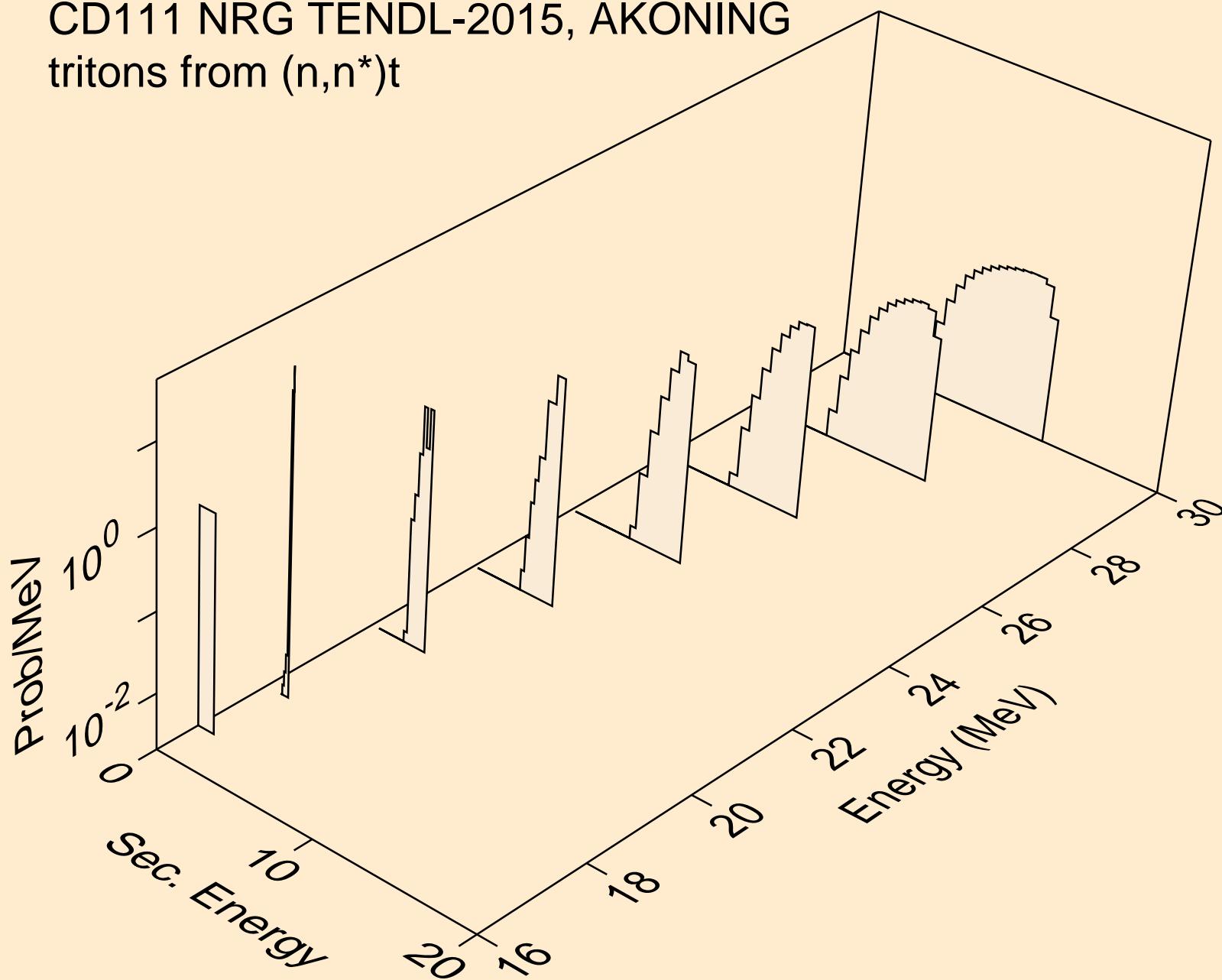
CD111 NRG TENDL-2015, AKONING  
deuterons from (n,da)



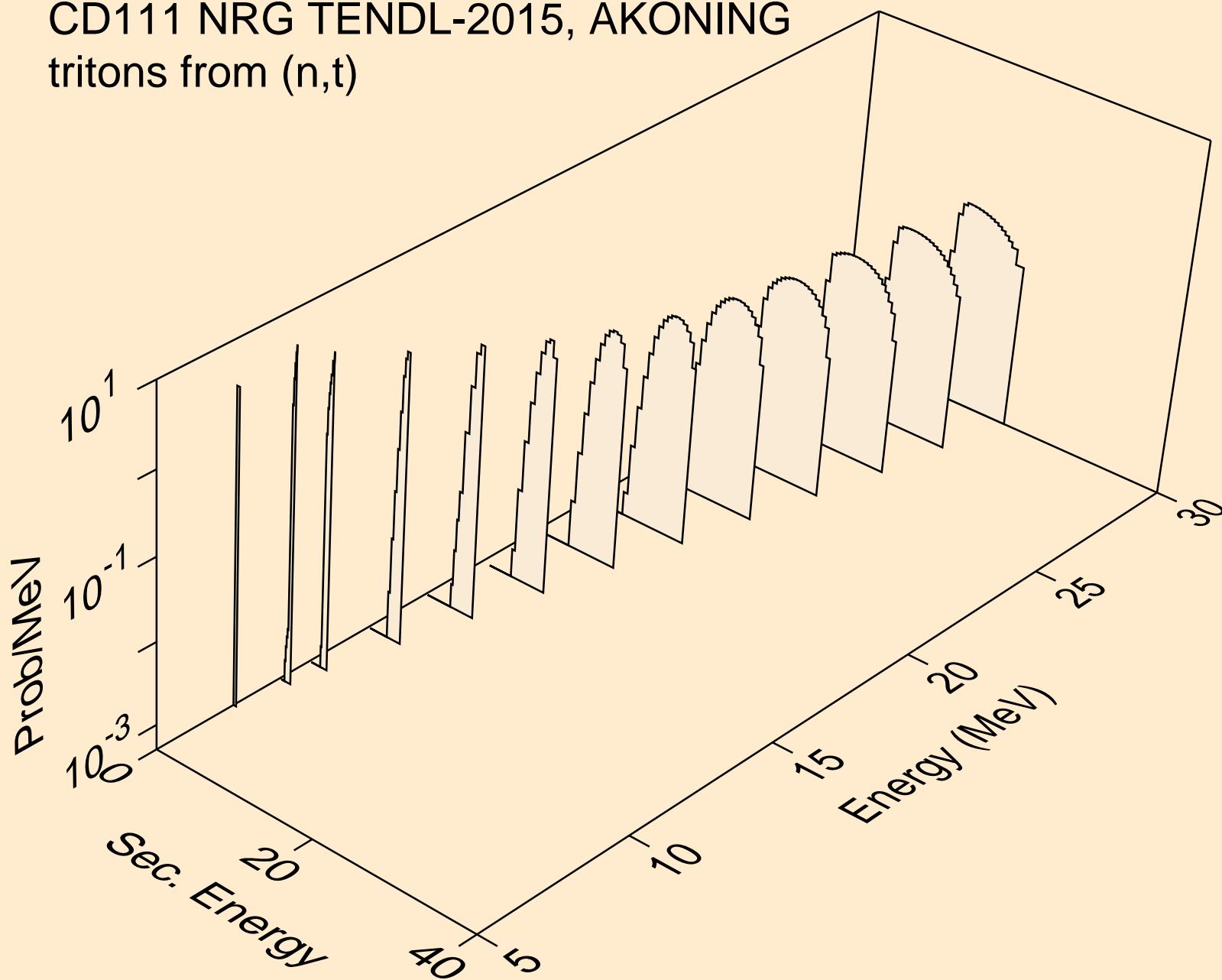
CD111 NRG TENDL-2015, AKONING  
tritons from ( $n,x$ )



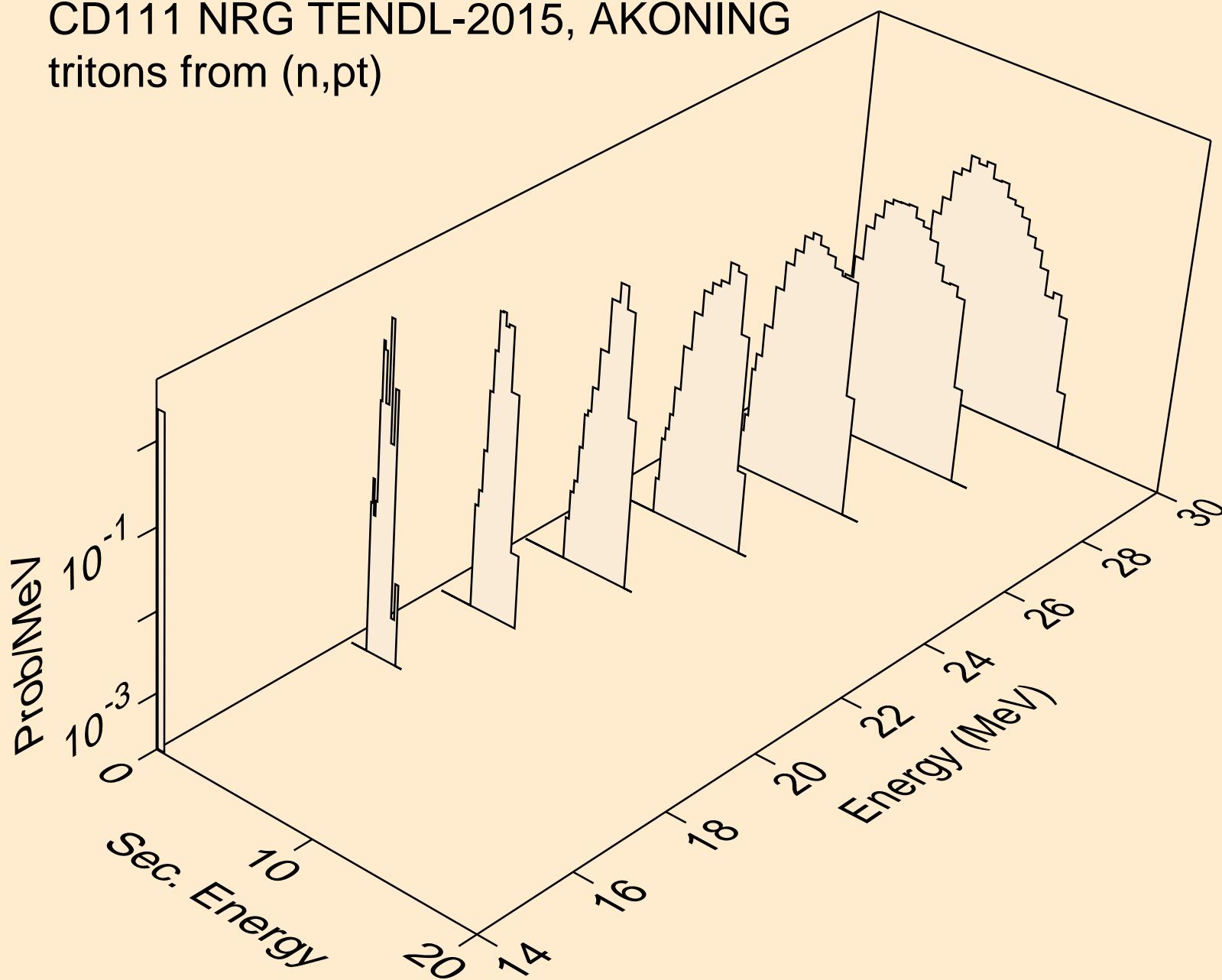
CD111 NRG TENDL-2015, AKONING  
tritons from  $(n,n^*)t$



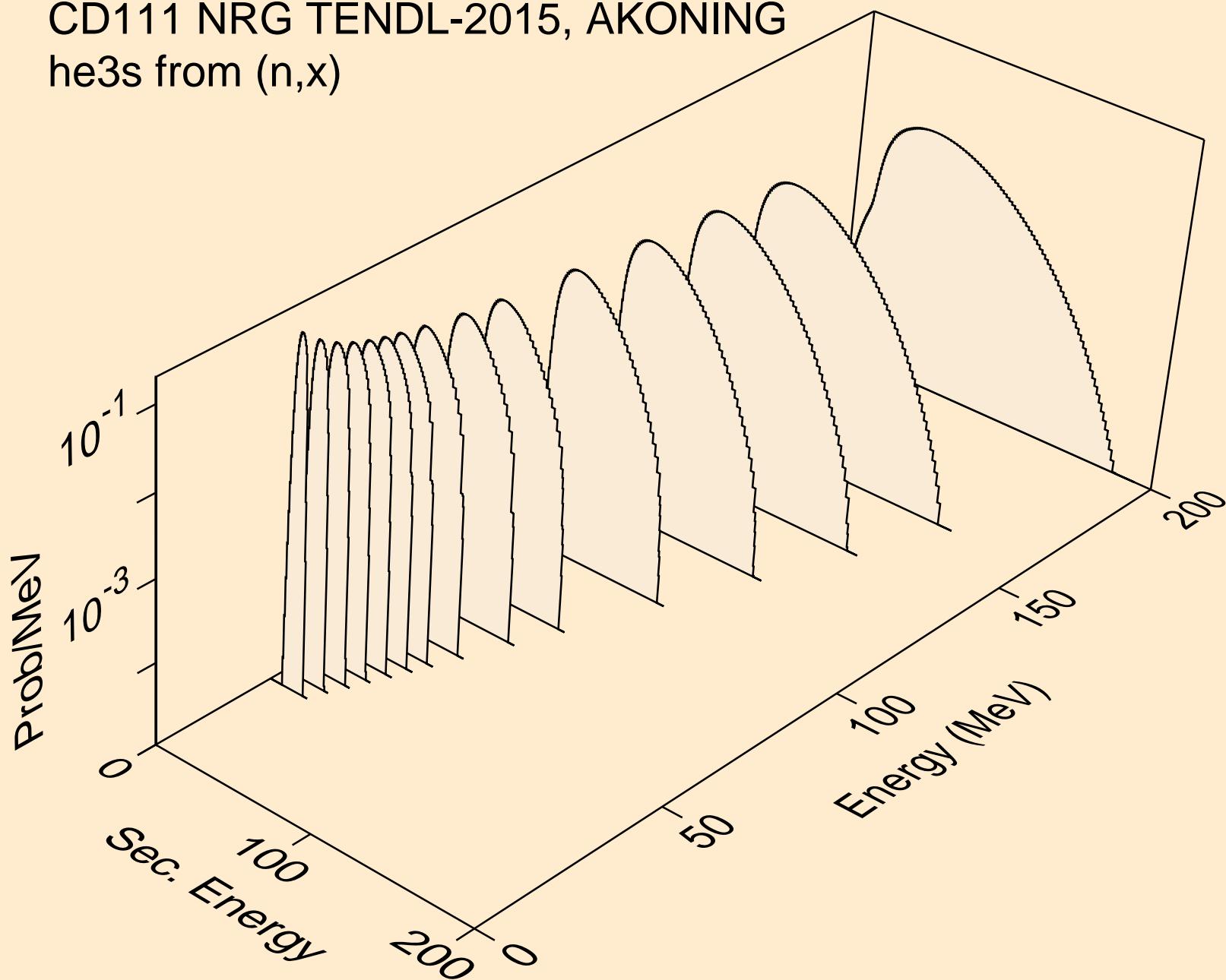
CD111 NRG TENDL-2015, AKONING  
tritons from (n,t)



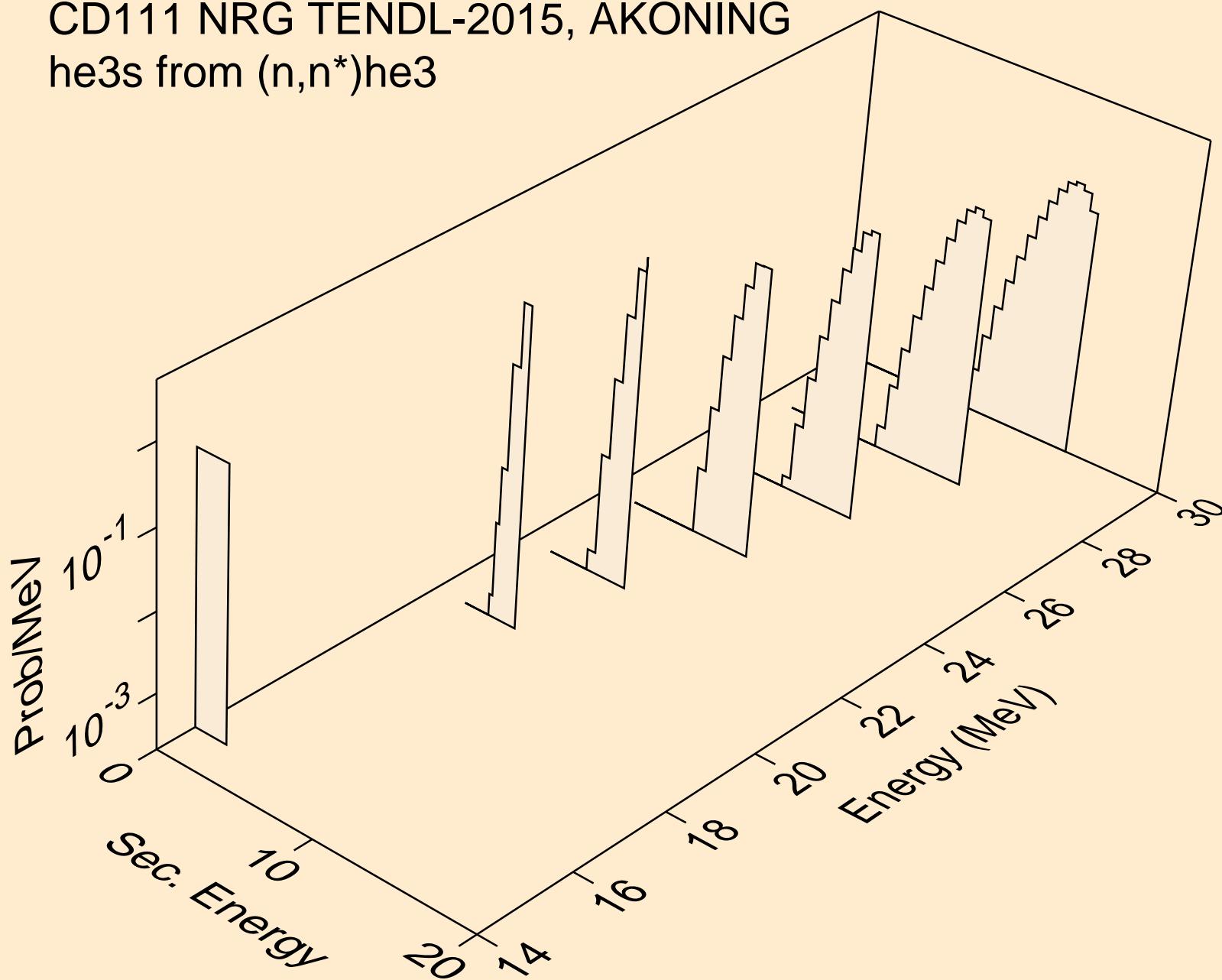
CD111 NRG TENDL-2015, AKONING  
tritons from (n,pt)



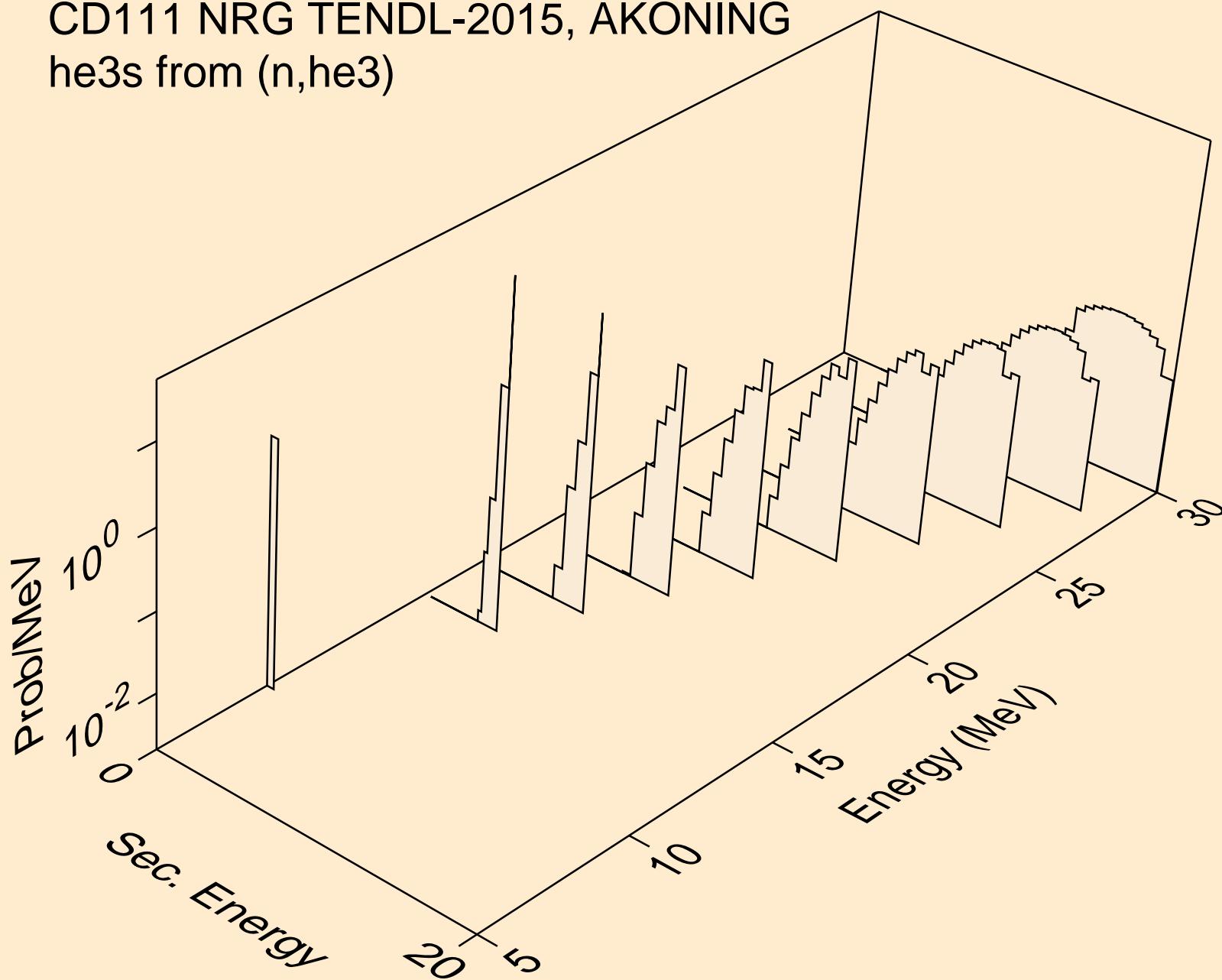
CD111 NRG TENDL-2015, AKONING  
he3s from (n,x)



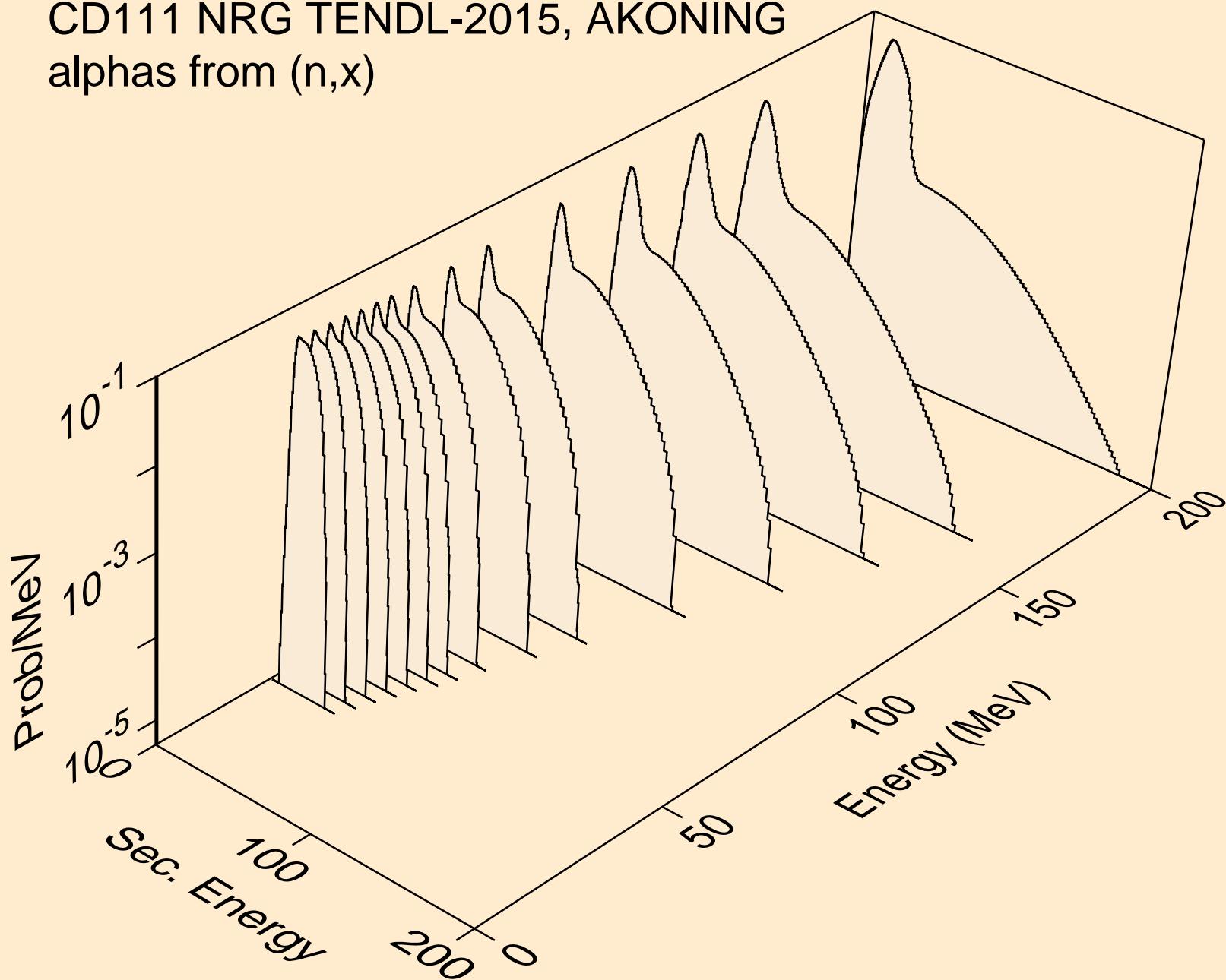
CD111 NRG TENDL-2015, AKONING  
he3s from  $(n,n^*)\text{he3}$



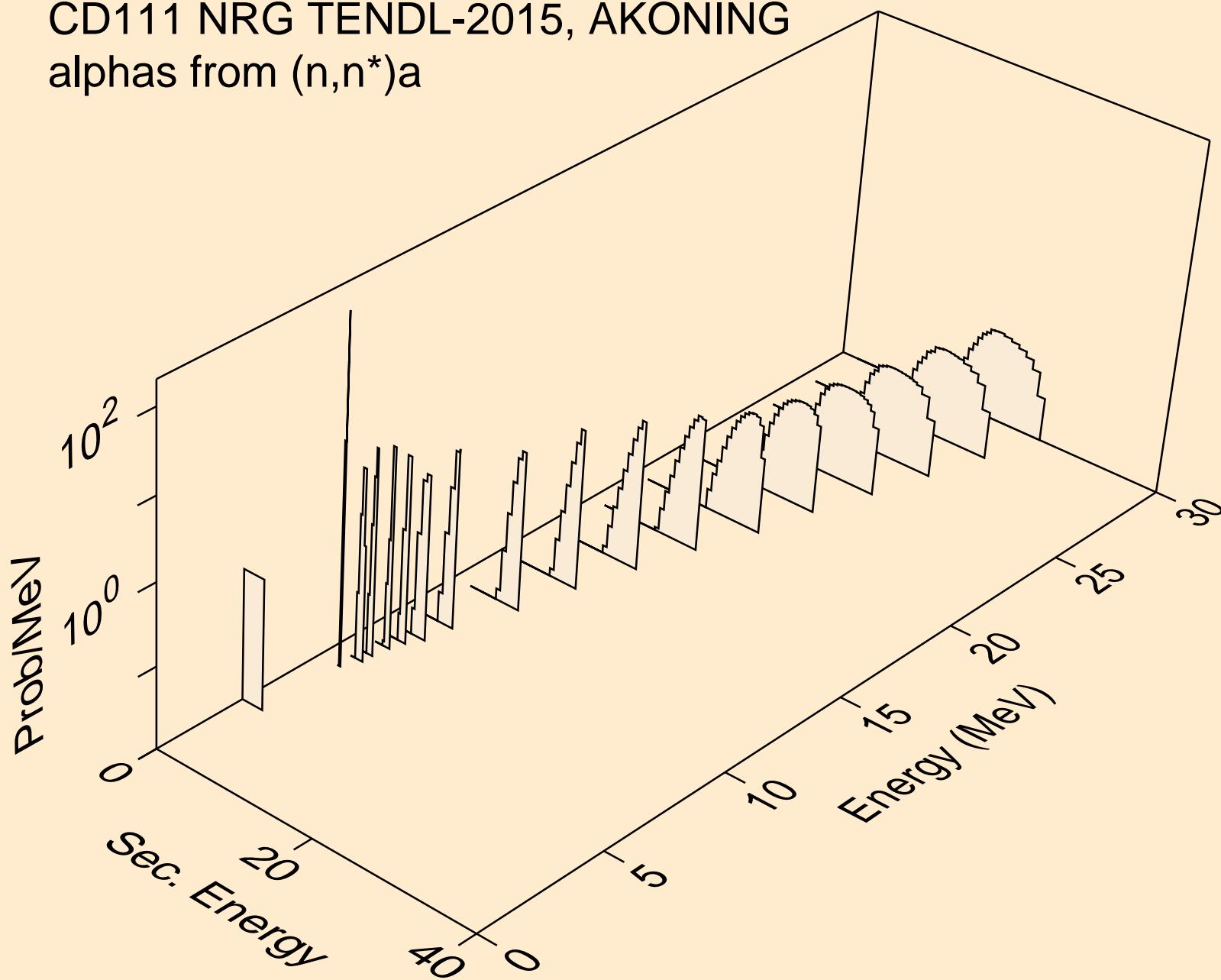
CD111 NRG TENDL-2015, AKONING  
he3s from (n,he3)



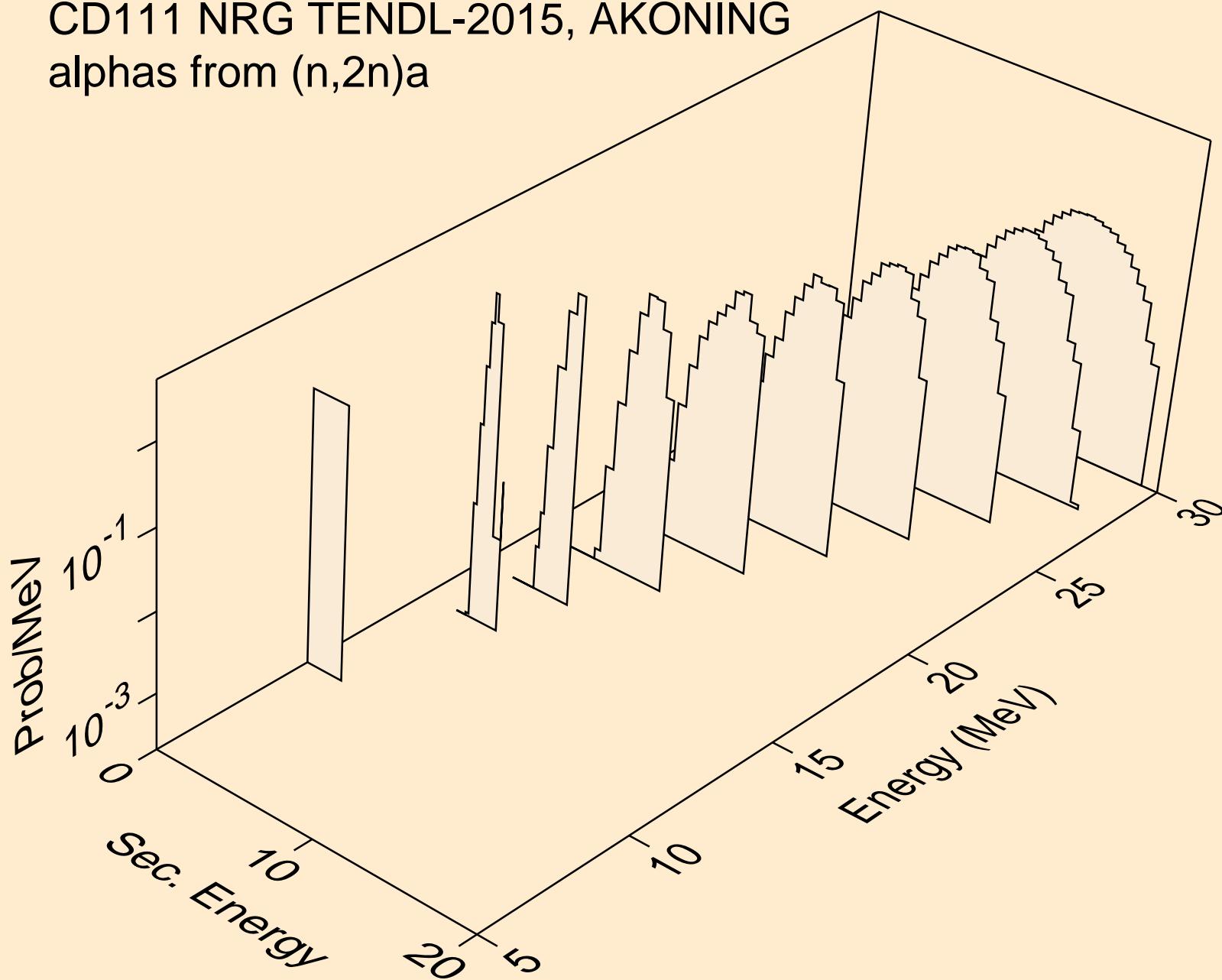
CD111 NRG TENDL-2015, AKONING  
alphas from (n,x)



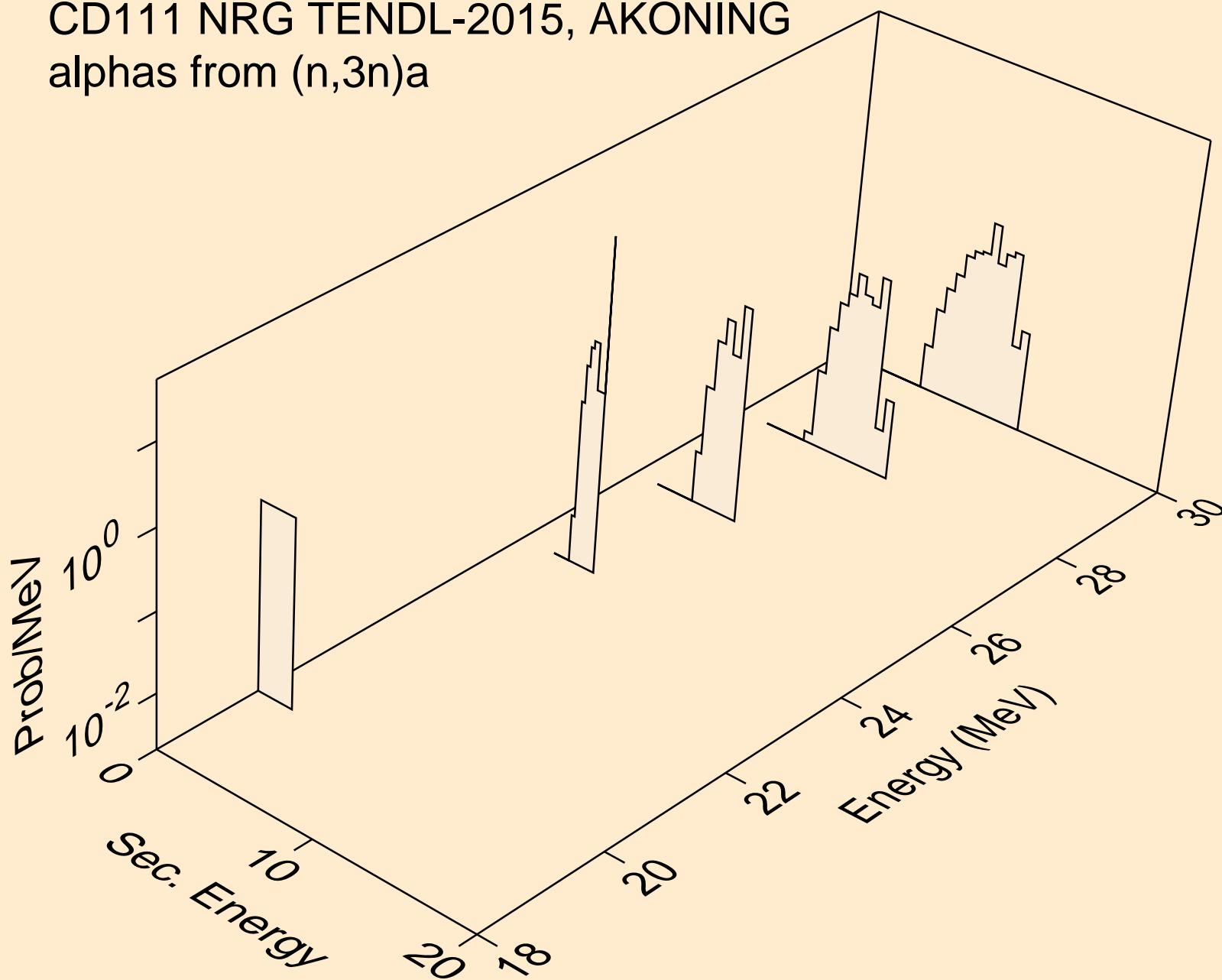
CD111 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)a$



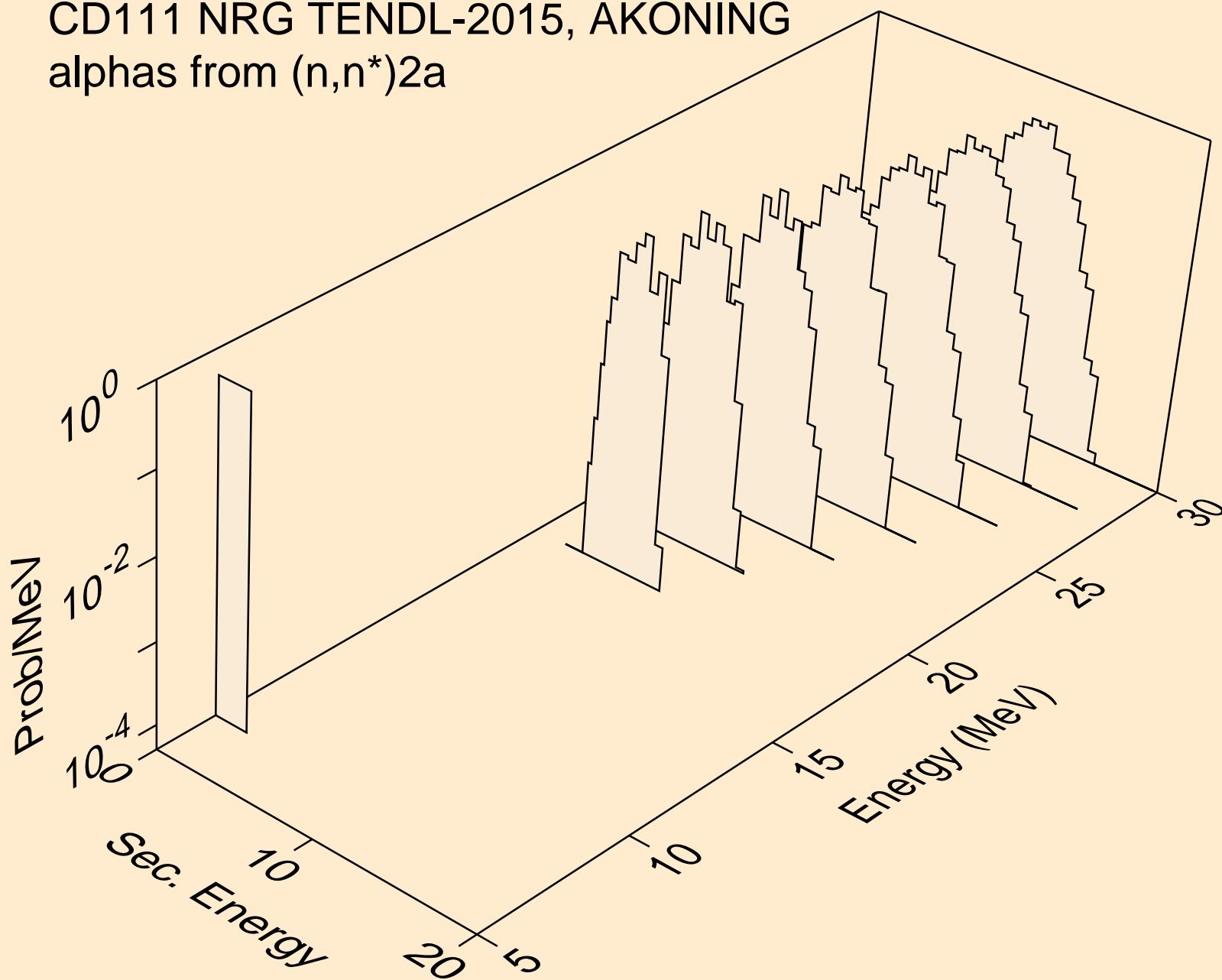
CD111 NRG TENDL-2015, AKONING  
alphas from  $(n,2n)a$



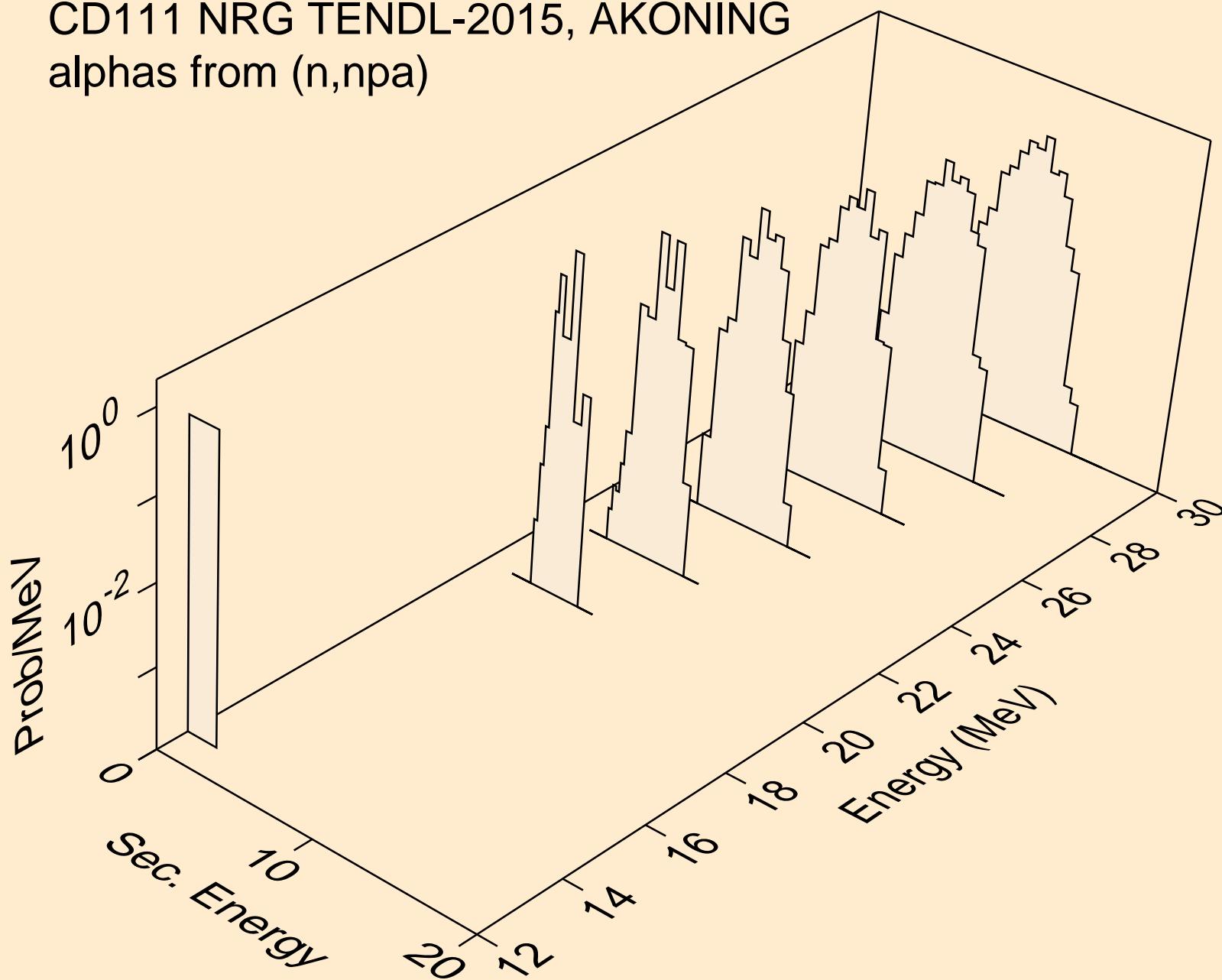
CD111 NRG TENDL-2015, AKONING  
alphas from ( $n,3n$ )a



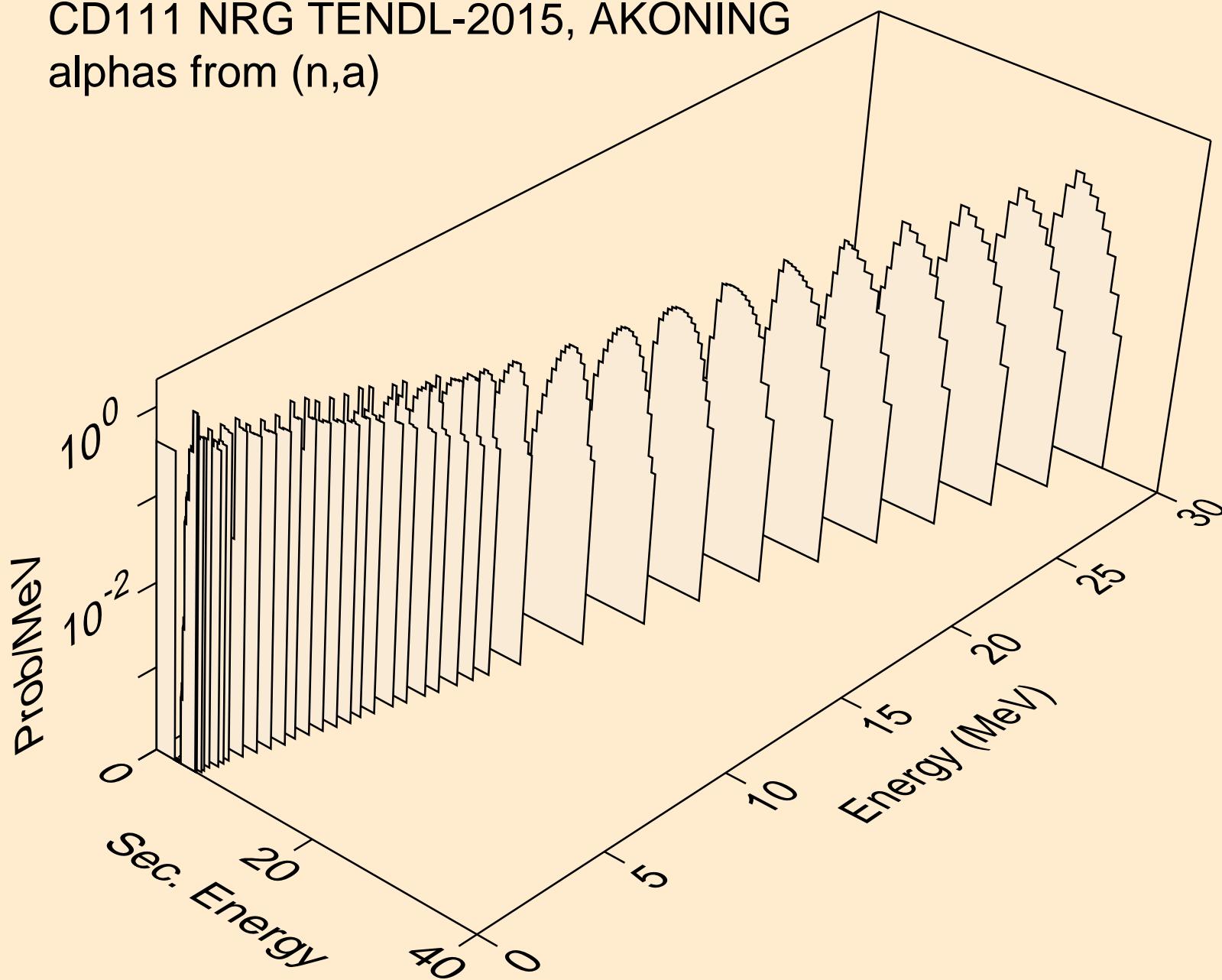
CD111 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)2a$



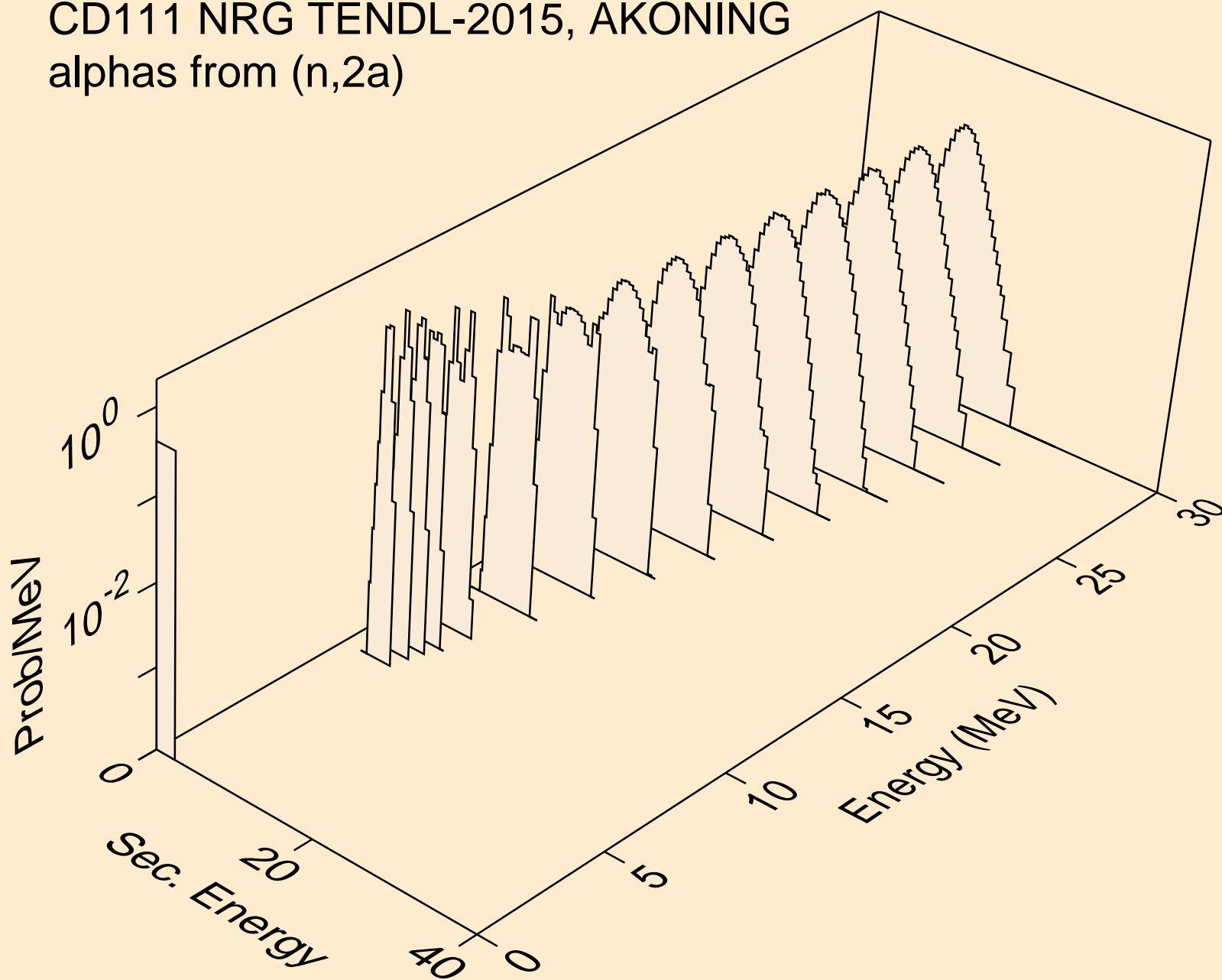
CD111 NRG TENDL-2015, AKONING  
alphas from (n,npa)



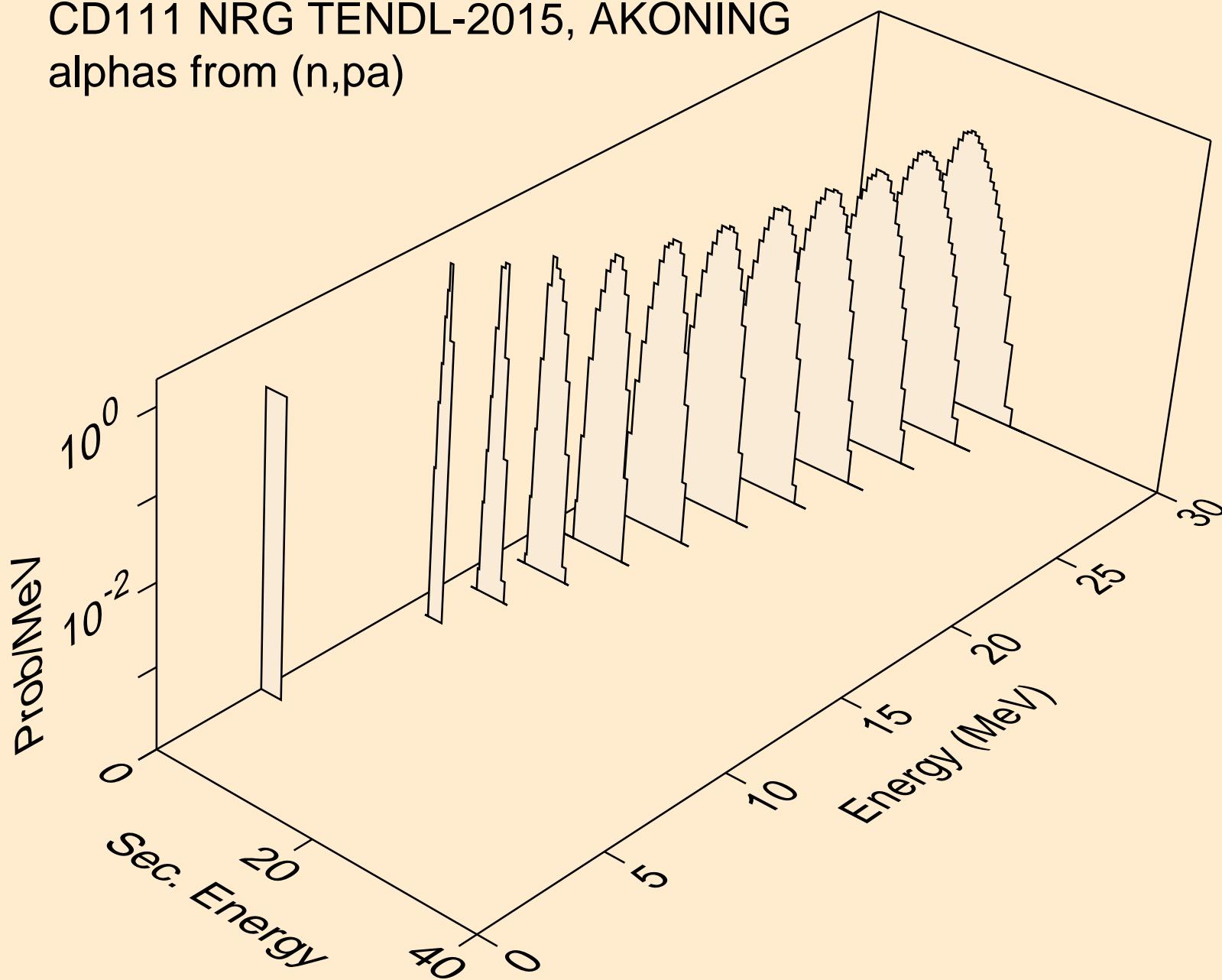
CD111 NRG TENDL-2015, AKONING  
alphas from (n,a)



CD111 NRG TENDL-2015, AKONING  
alphas from ( $n,2a$ )



CD111 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CD111 NRG TENDL-2015, AKONING  
alphas from (n,da)

