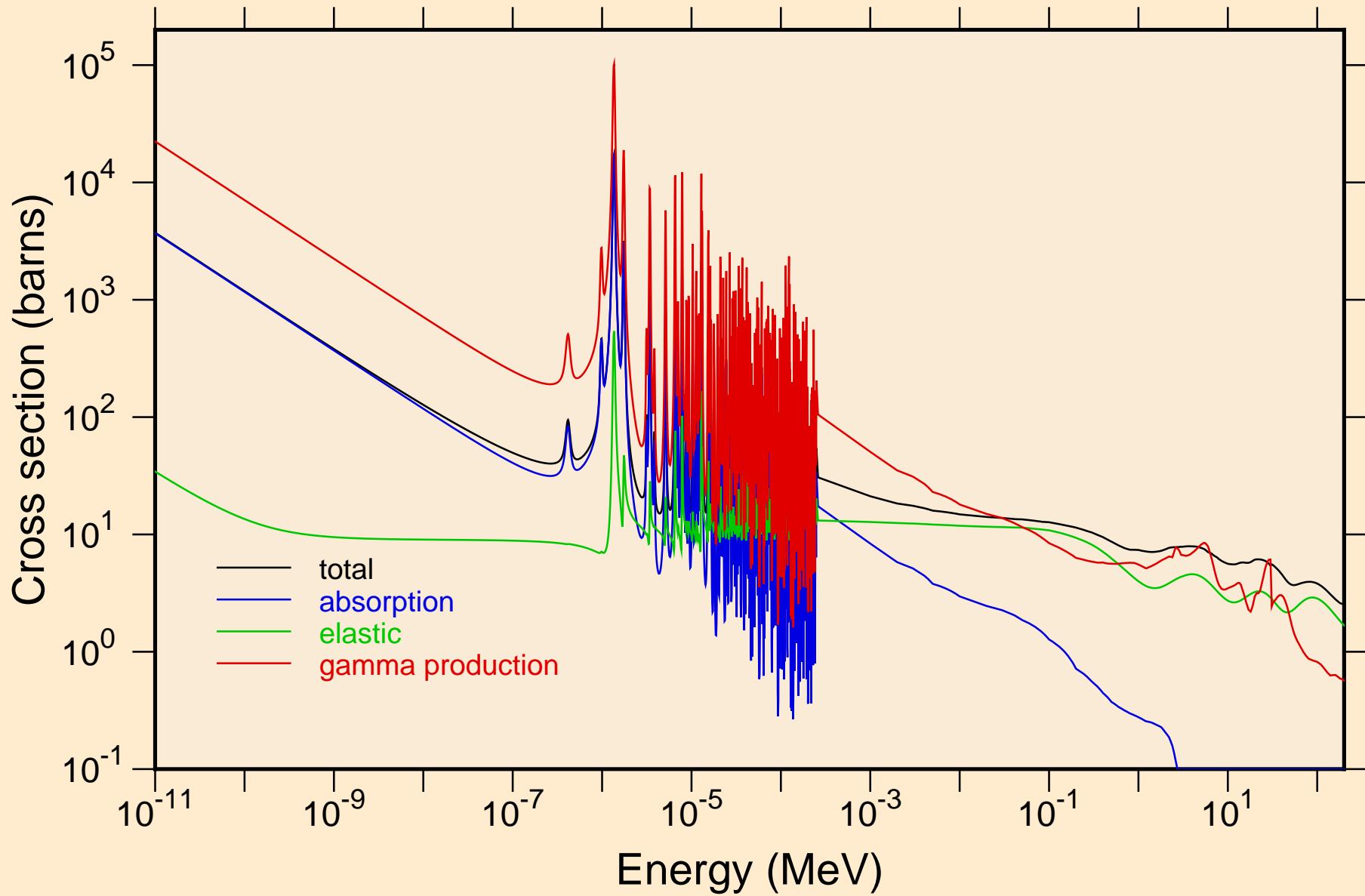
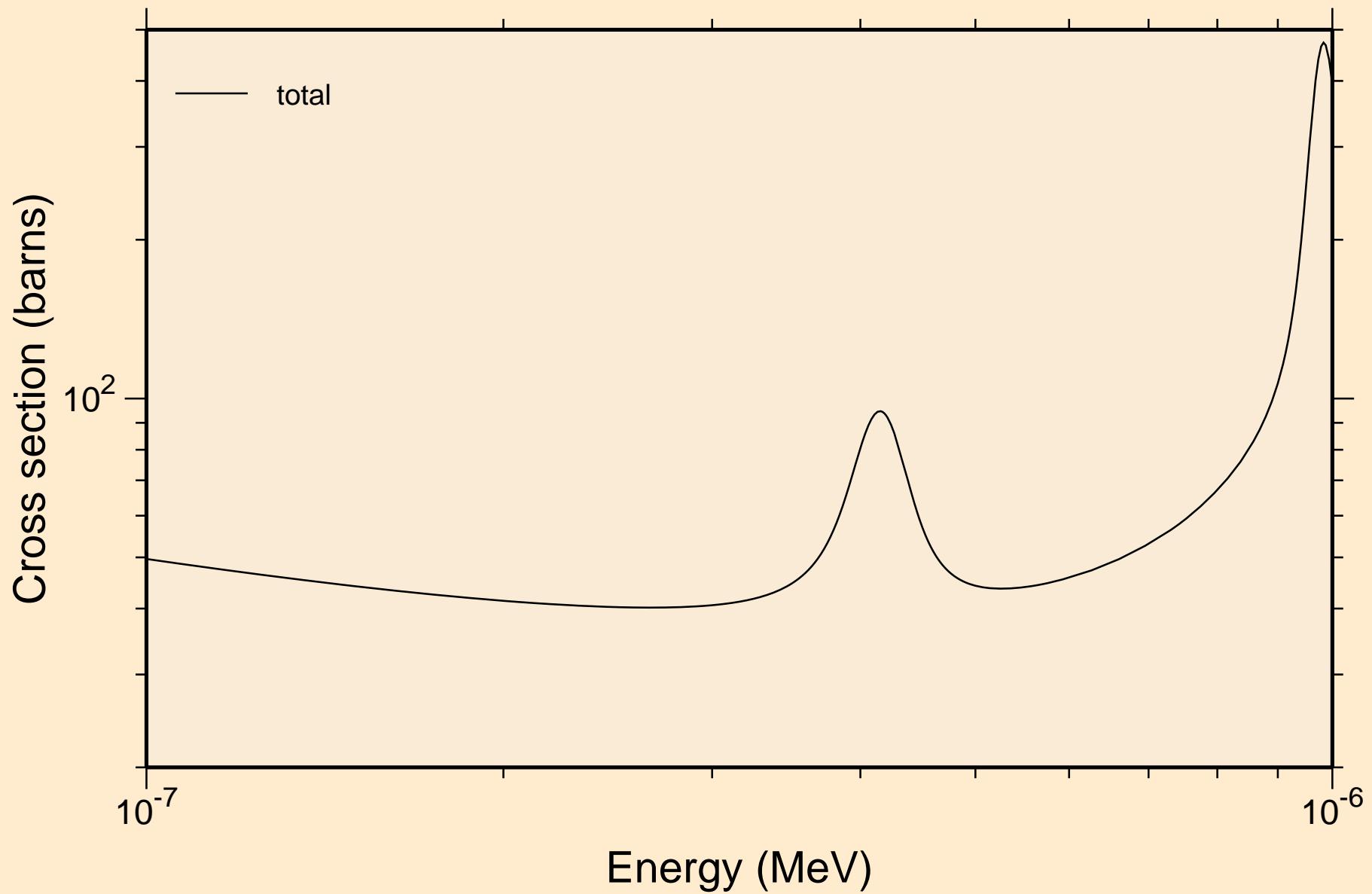


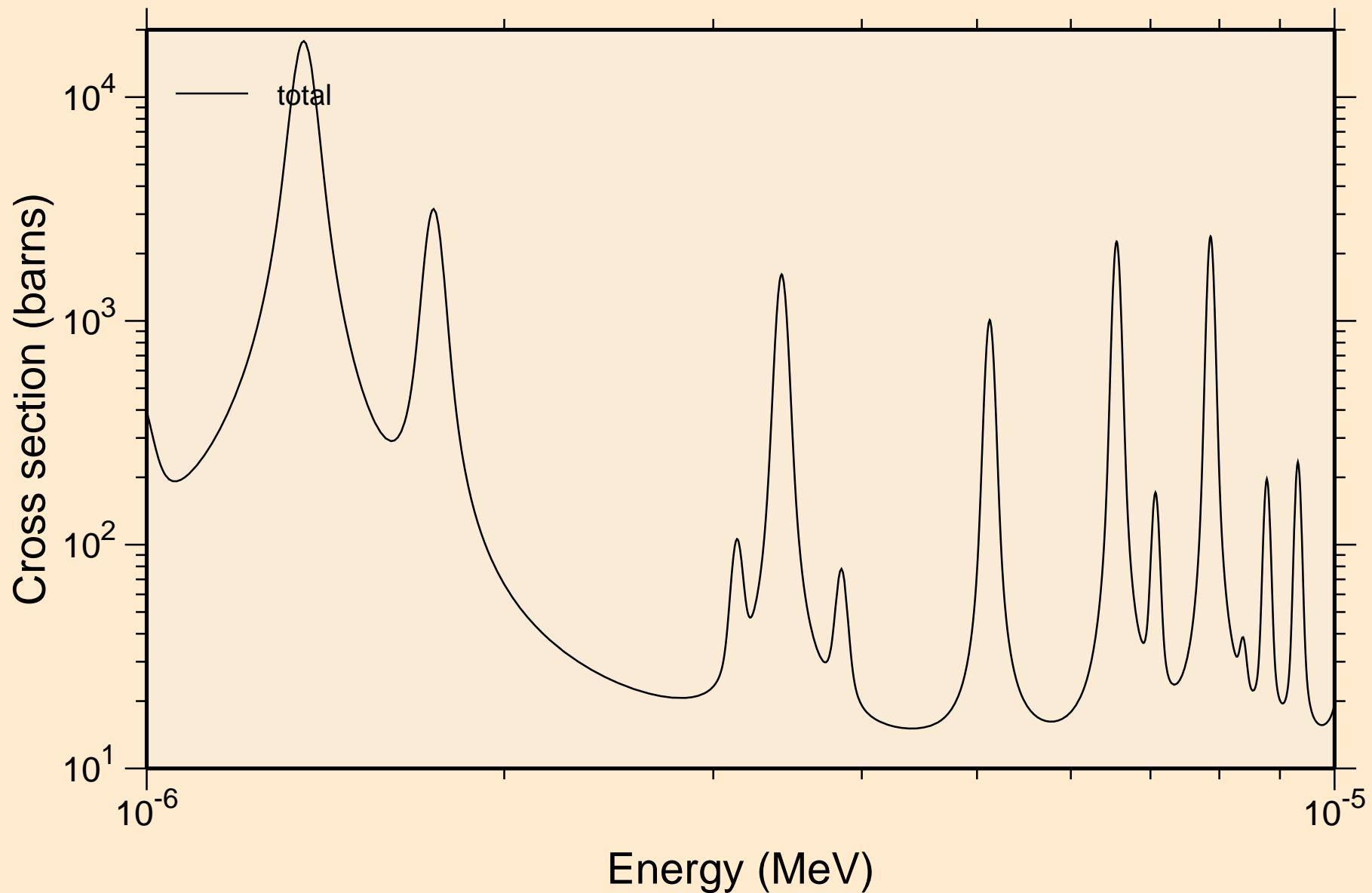
AM243 NRG TENDL-2015, AKONING  
Principal cross sections



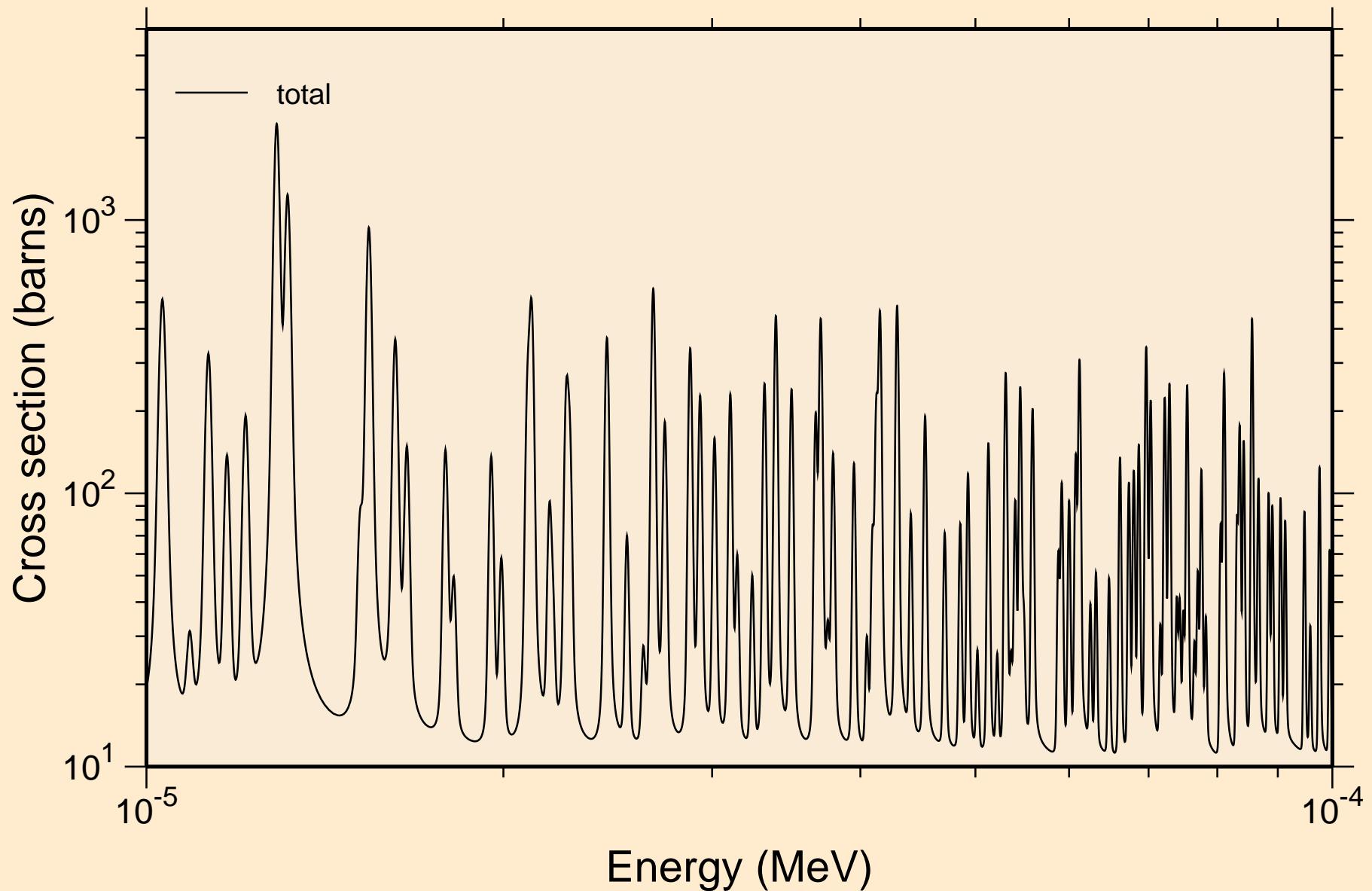
AM243 NRG TENDL-2015, AKONING  
resonance total cross section



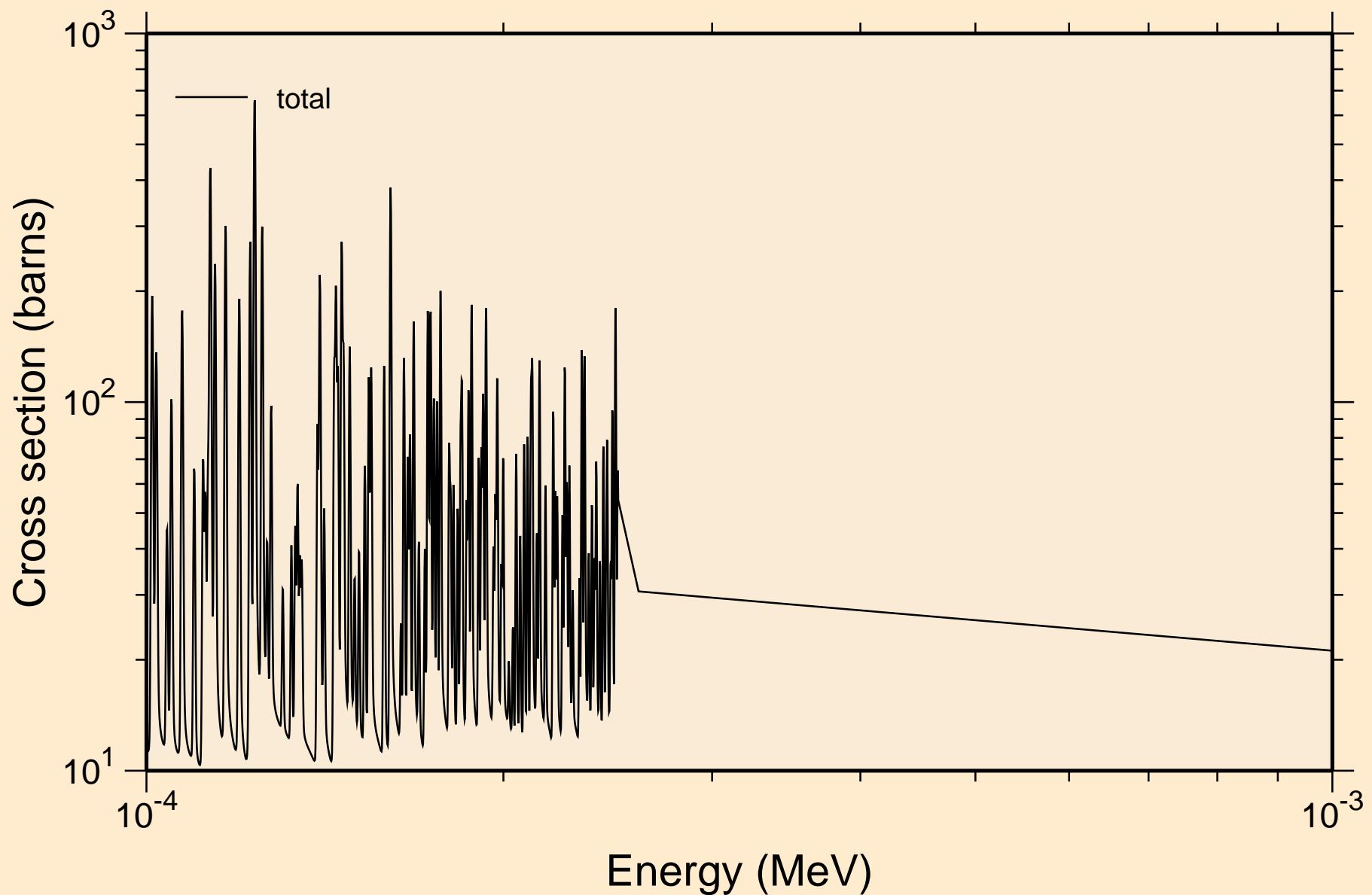
AM243 NRG TENDL-2015, AKONING  
resonance total cross section



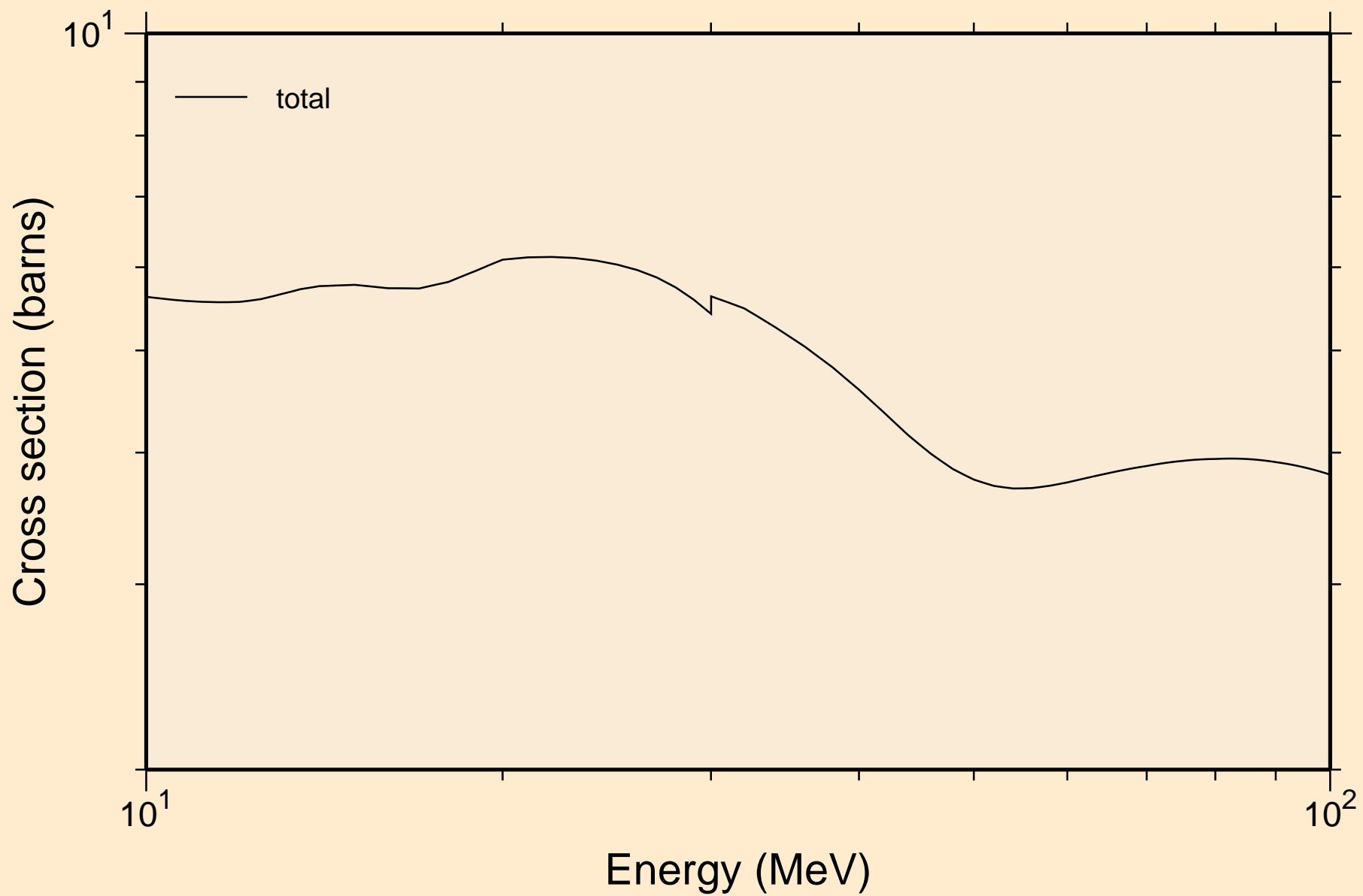
AM243 NRG TENDL-2015, AKONING  
resonance total cross section



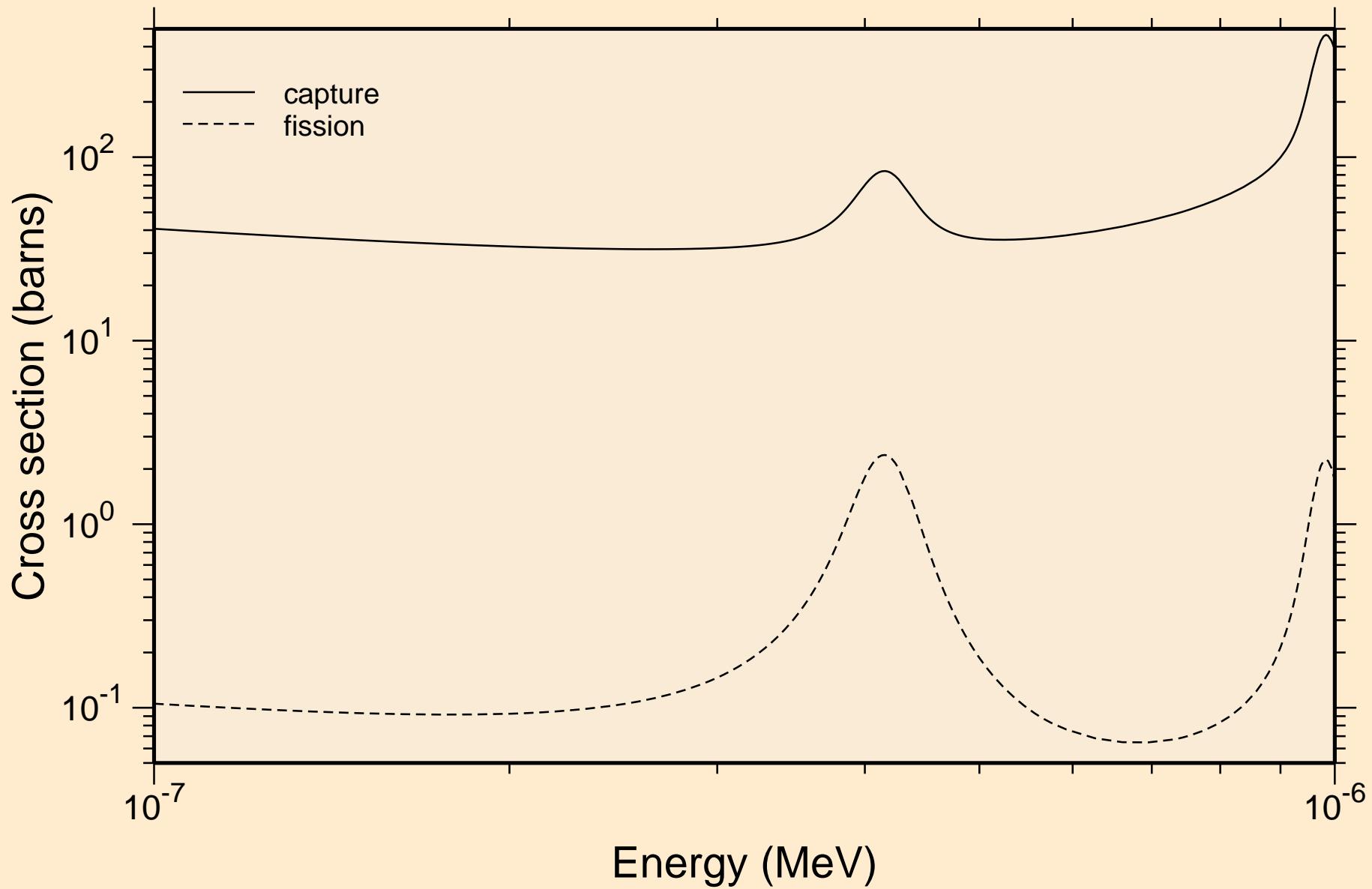
AM243 NRG TENDL-2015, AKONING  
resonance total cross section



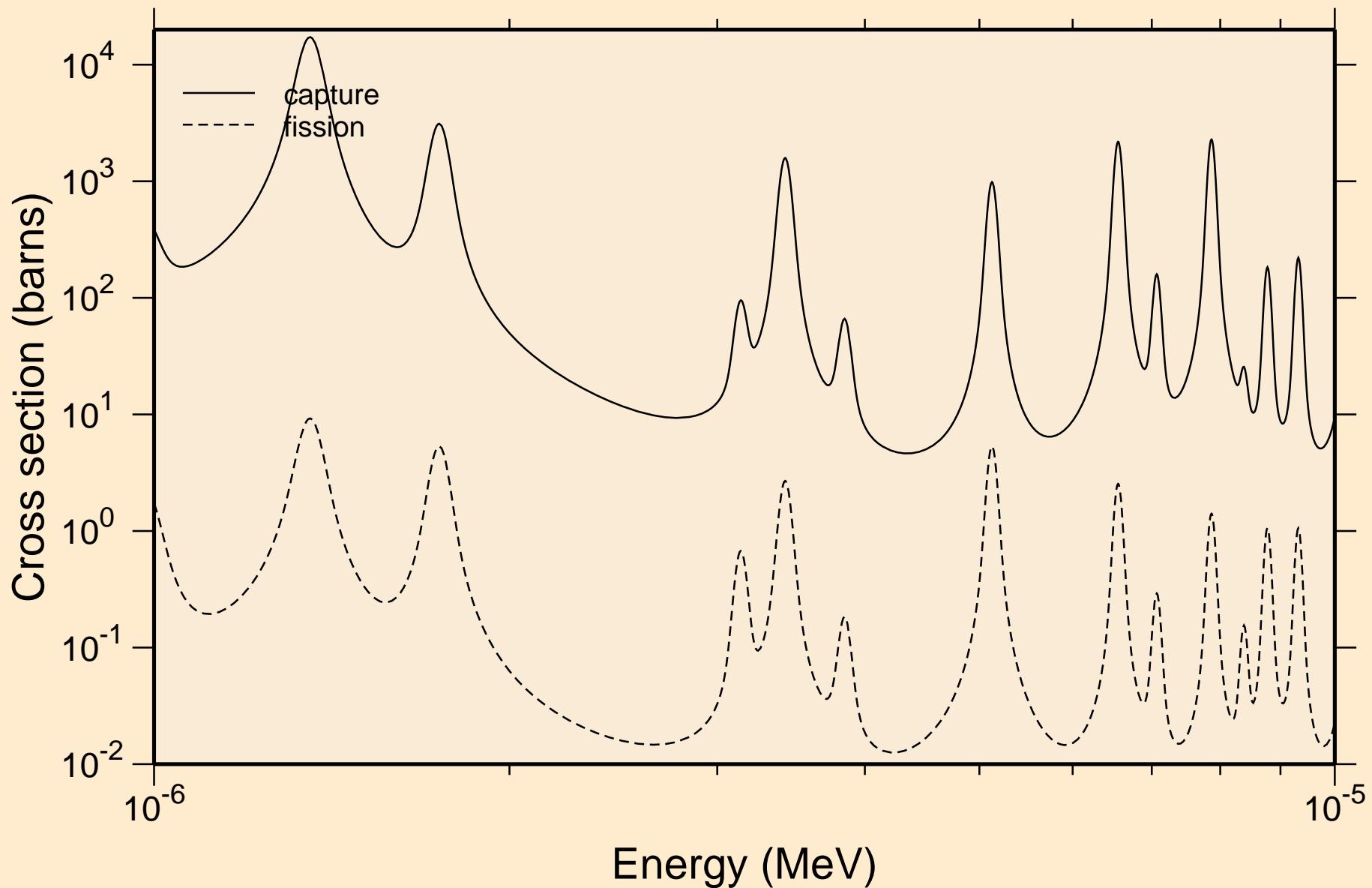
AM243 NRG TENDL-2015, AKONING  
resonance total cross section



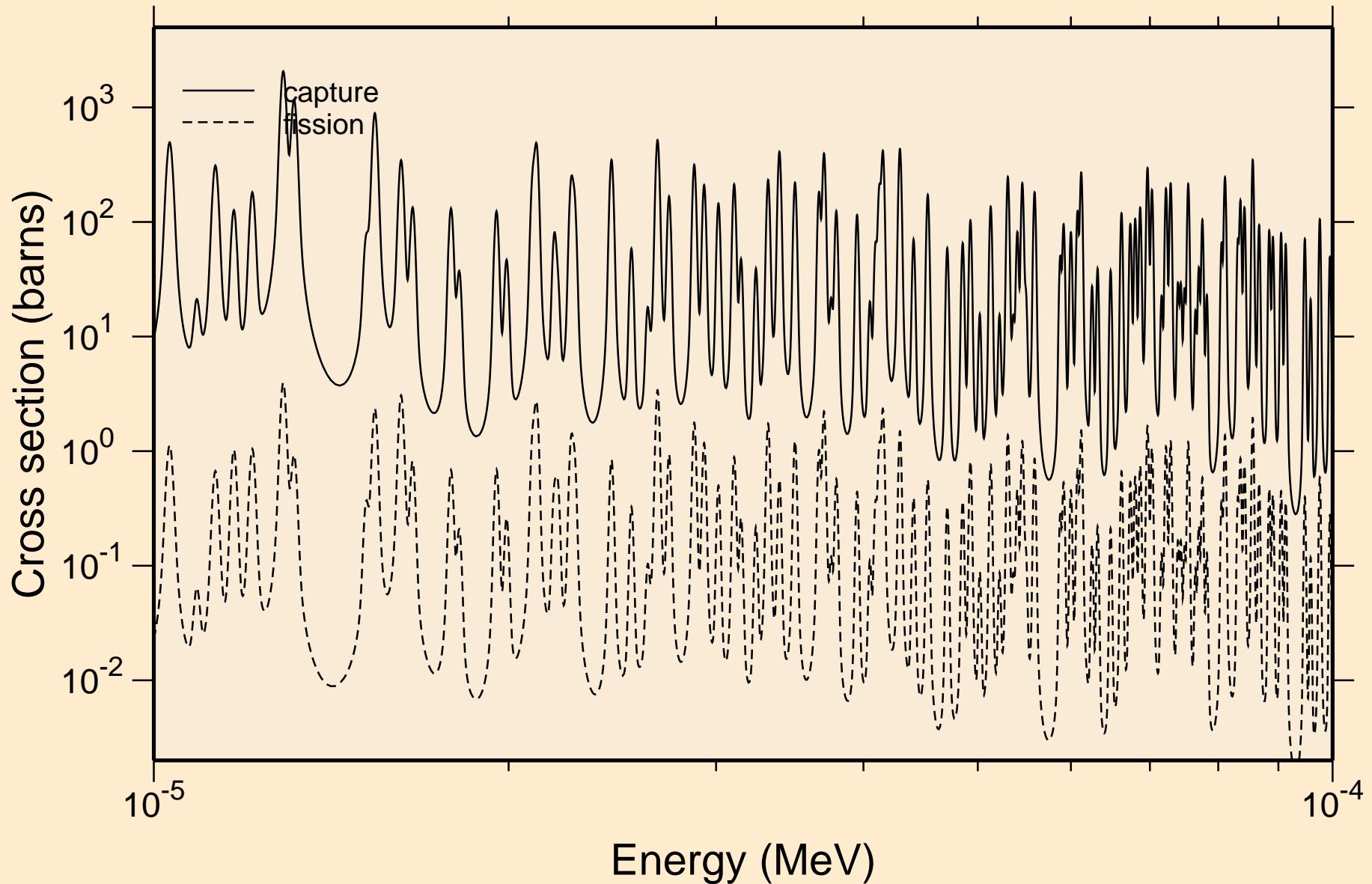
AM243 NRG TENDL-2015, AKONING  
resonance absorption cross sections



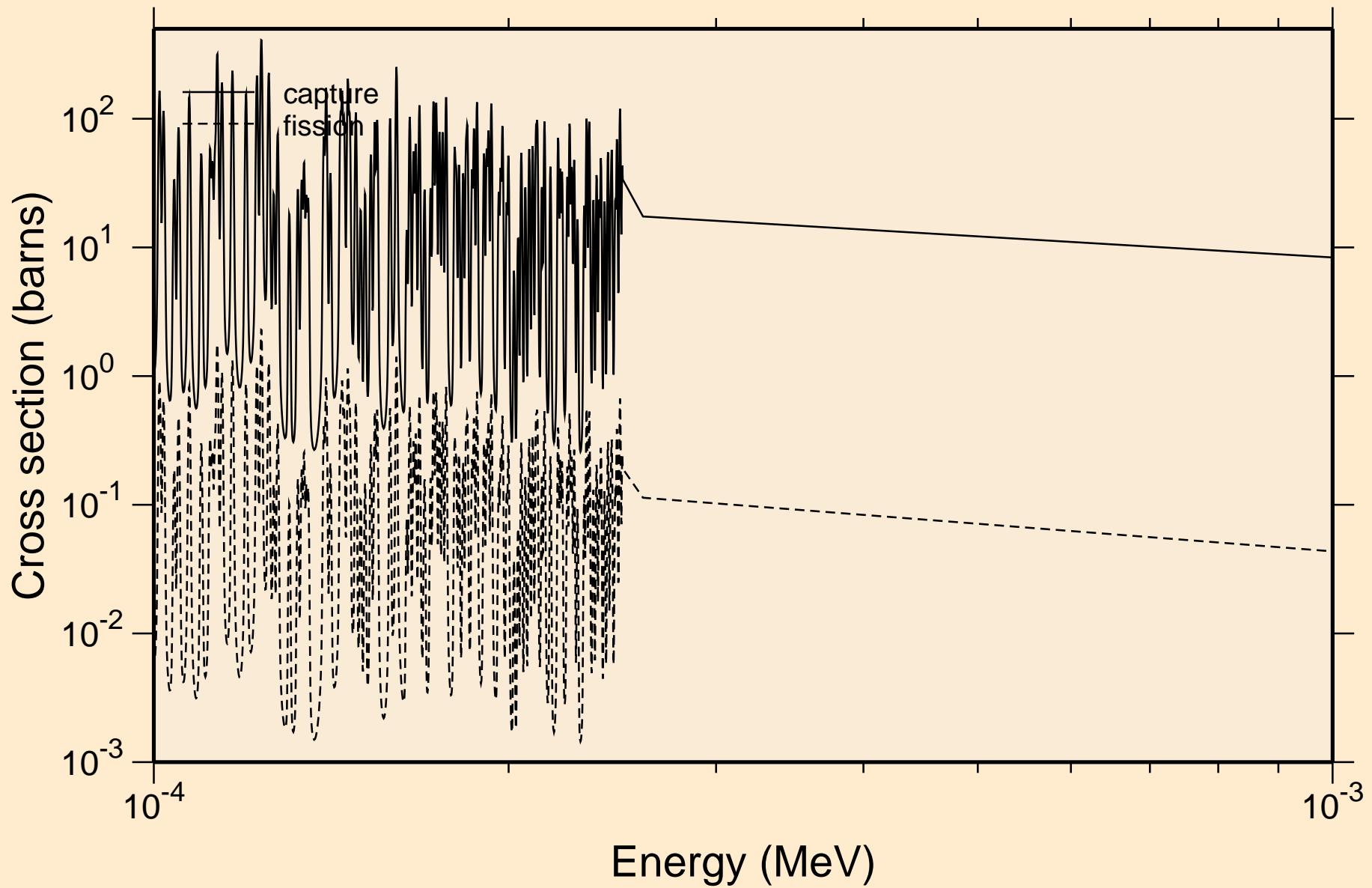
AM243 NRG TENDL-2015, AKONING  
resonance absorption cross sections



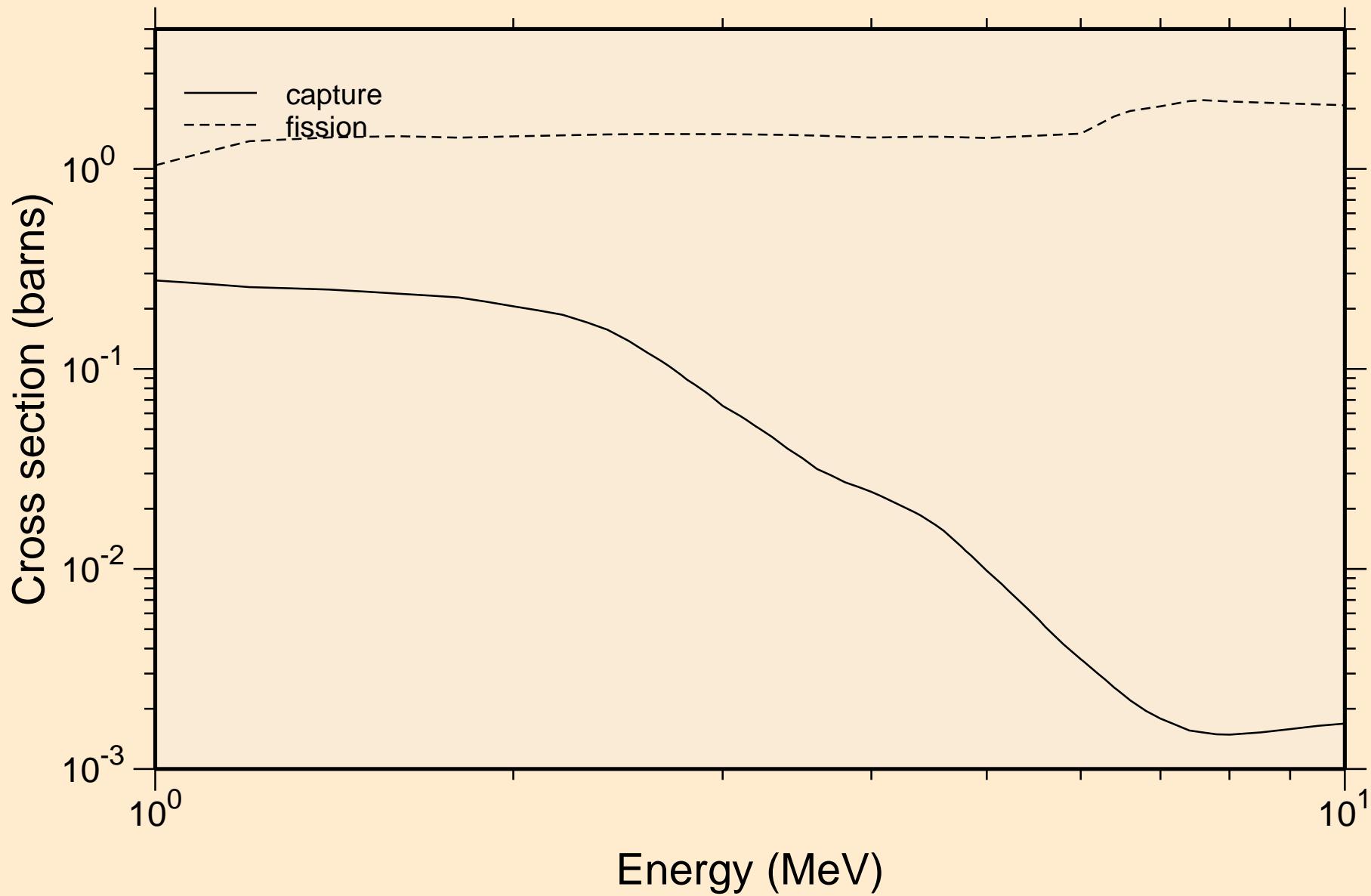
AM243 NRG TENDL-2015, AKONING  
resonance absorption cross sections



AM243 NRG TENDL-2015, AKONING  
resonance absorption cross sections

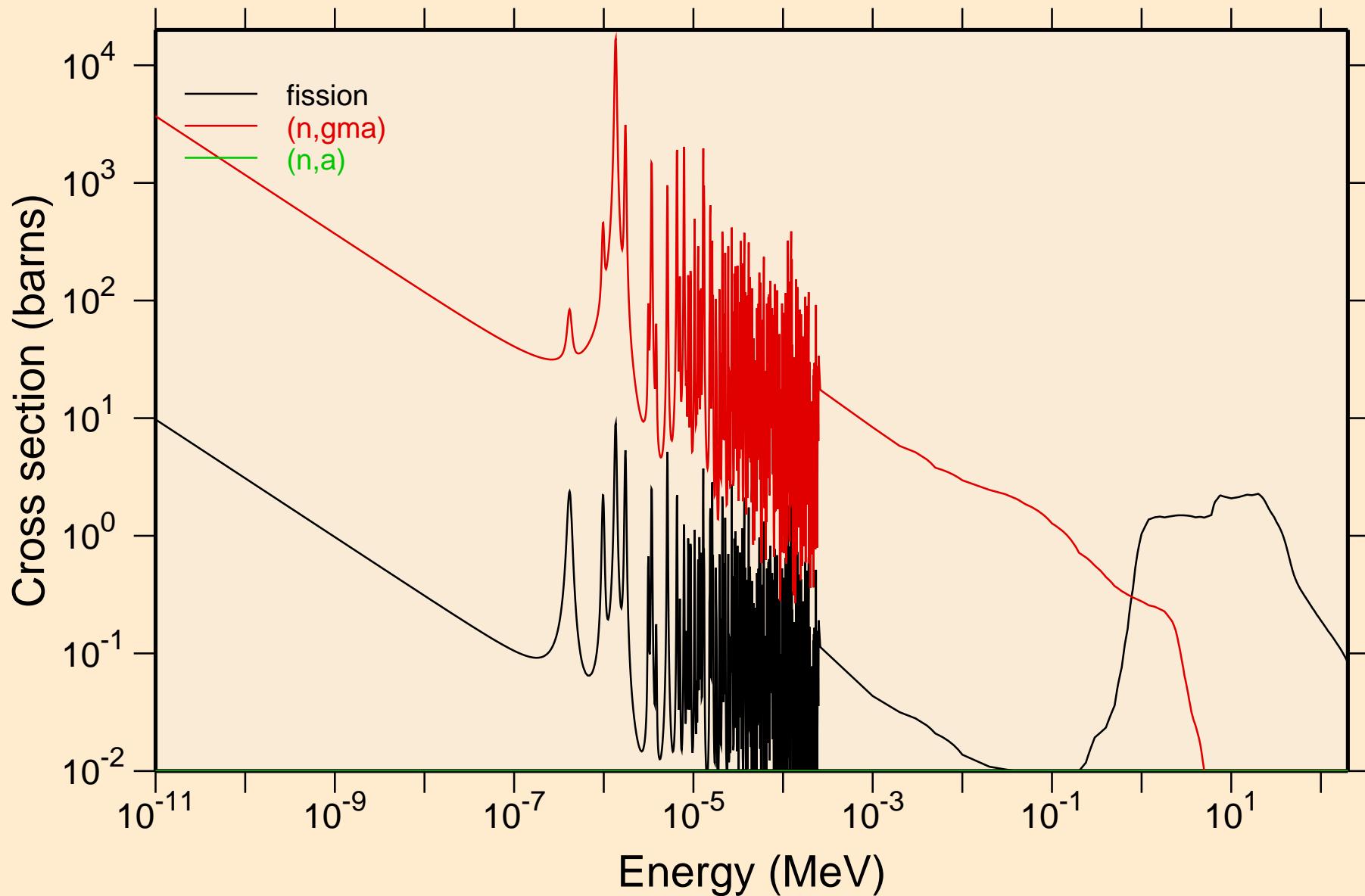


AM243 NRG TENDL-2015, AKONING  
resonance absorption cross sections



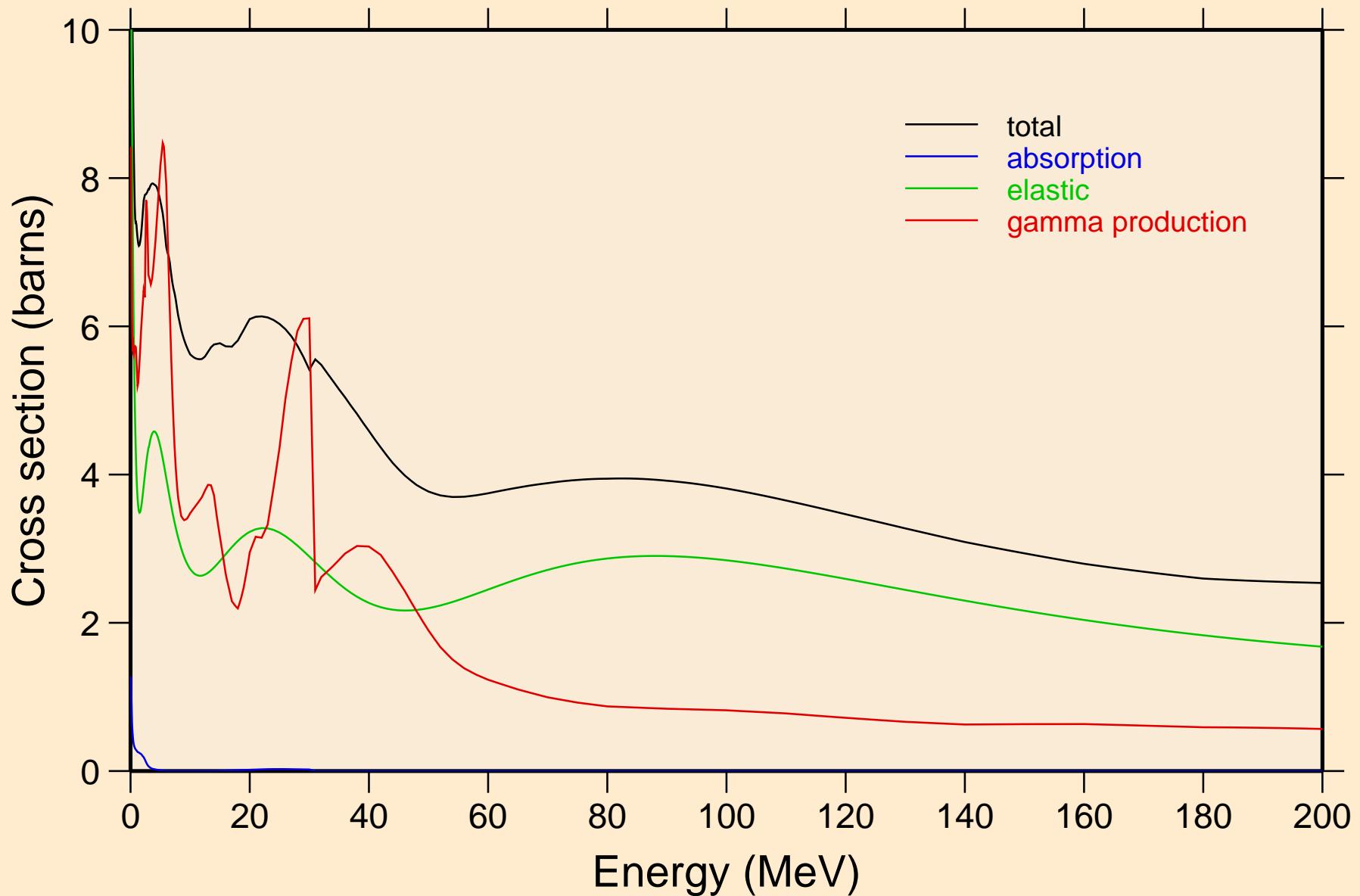
# AM243 NRG TENDL-2015, AKONING

## Non-threshold reactions



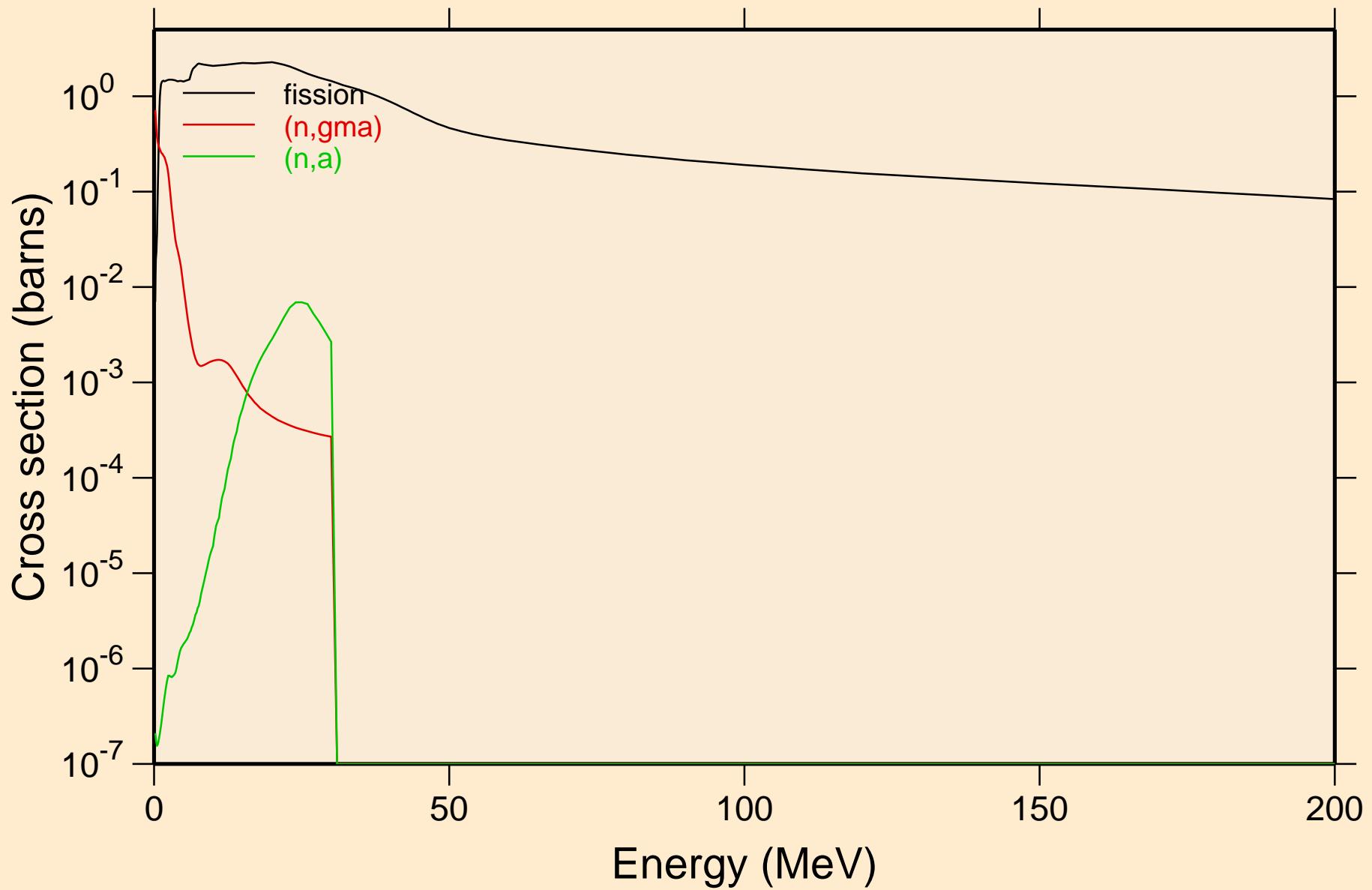
# AM243 NRG TENDL-2015, AKONING

## Principal cross sections



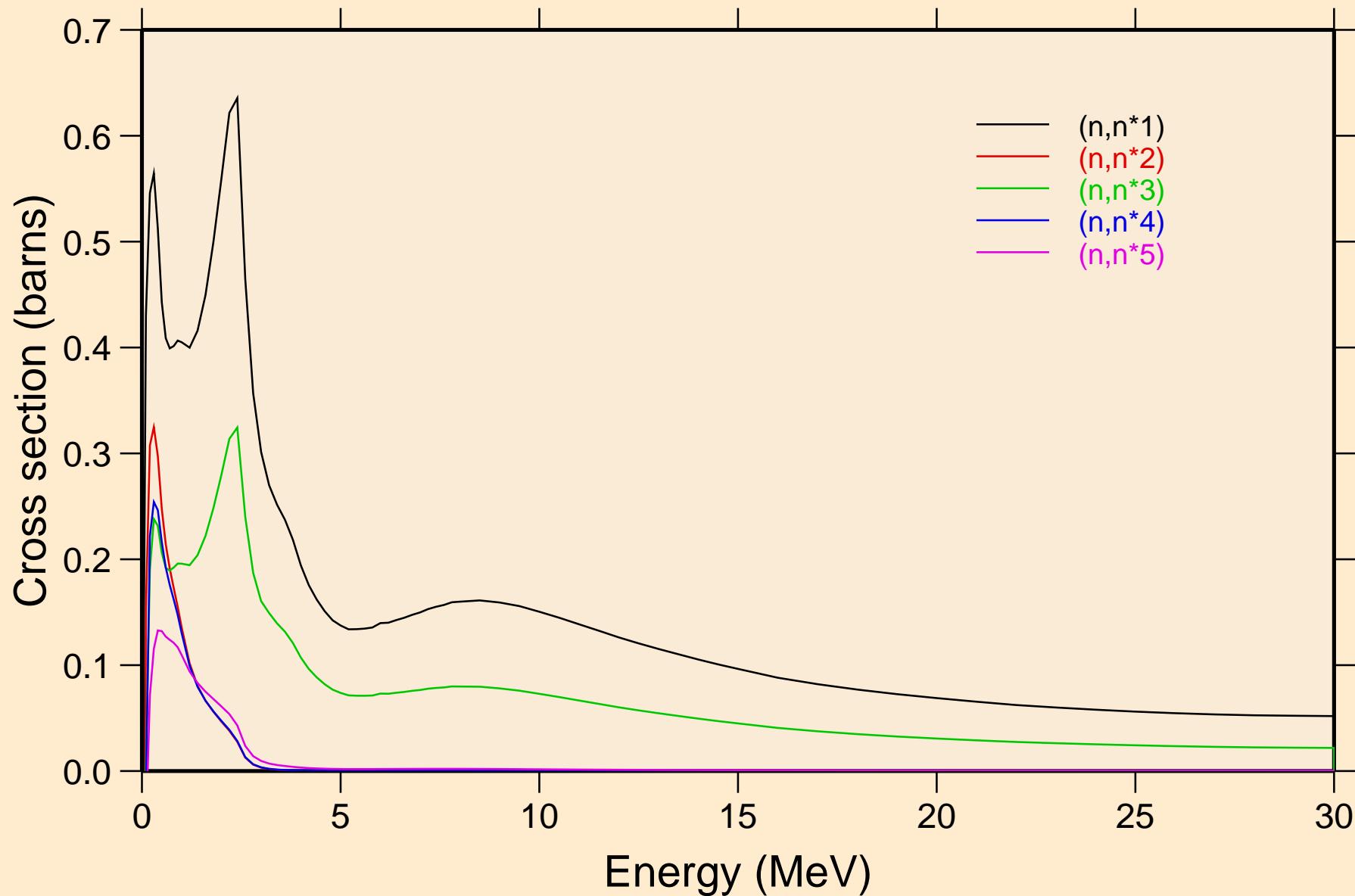
# AM243 NRG TENDL-2015, AKONING

## Non-threshold reactions



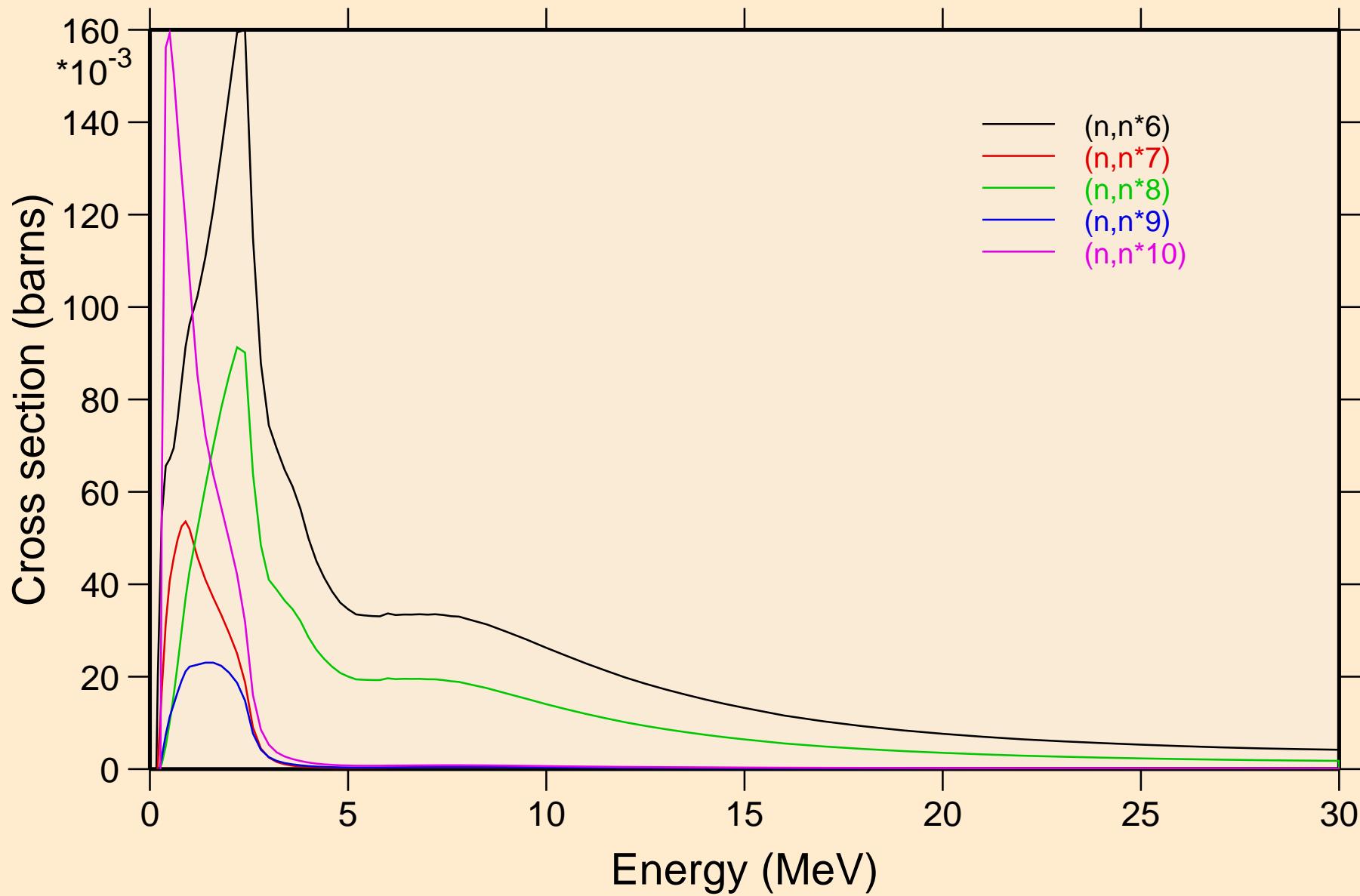
# AM243 NRG TENDL-2015, AKONING

## Inelastic levels

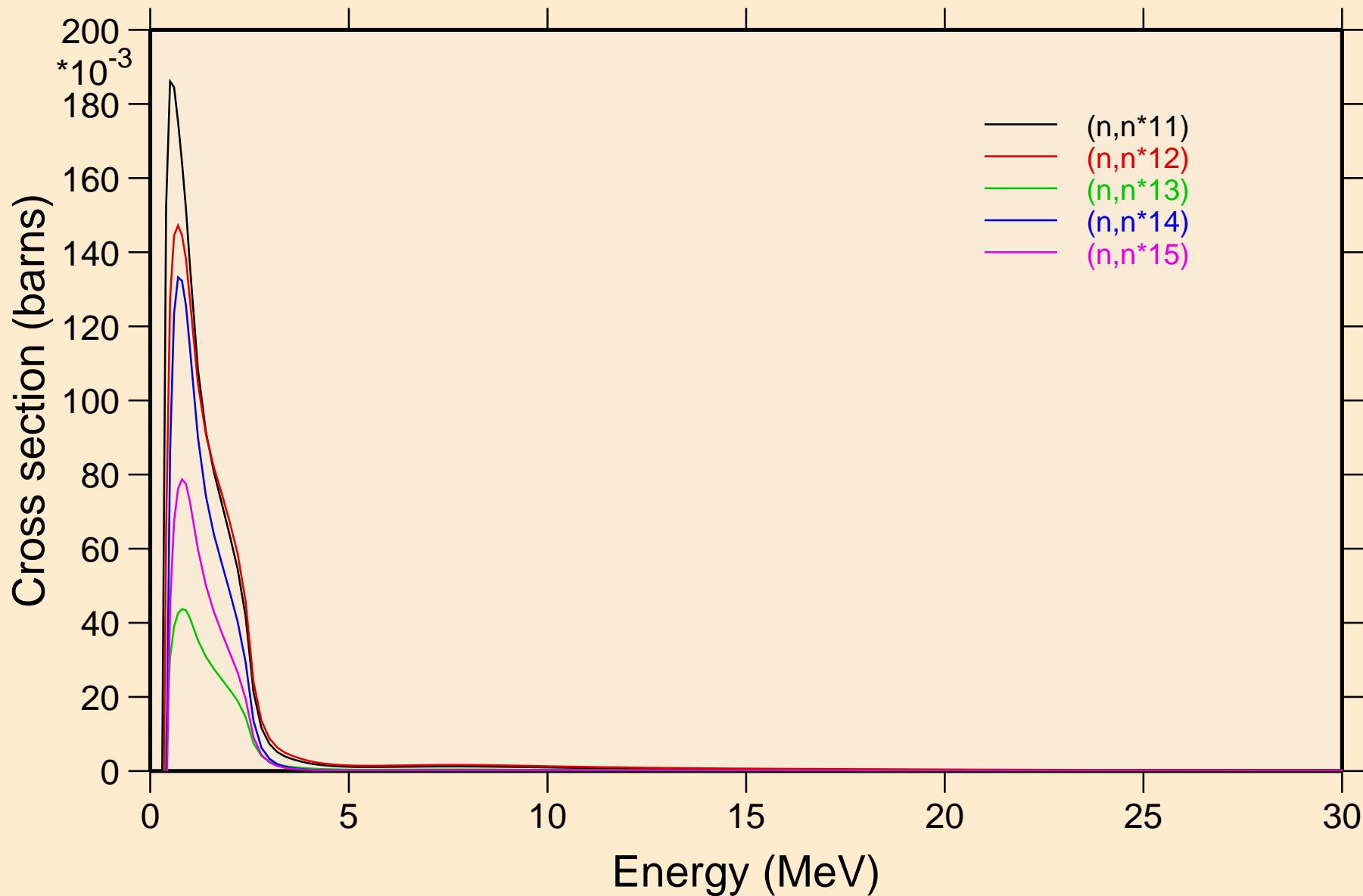


# AM243 NRG TENDL-2015, AKONING

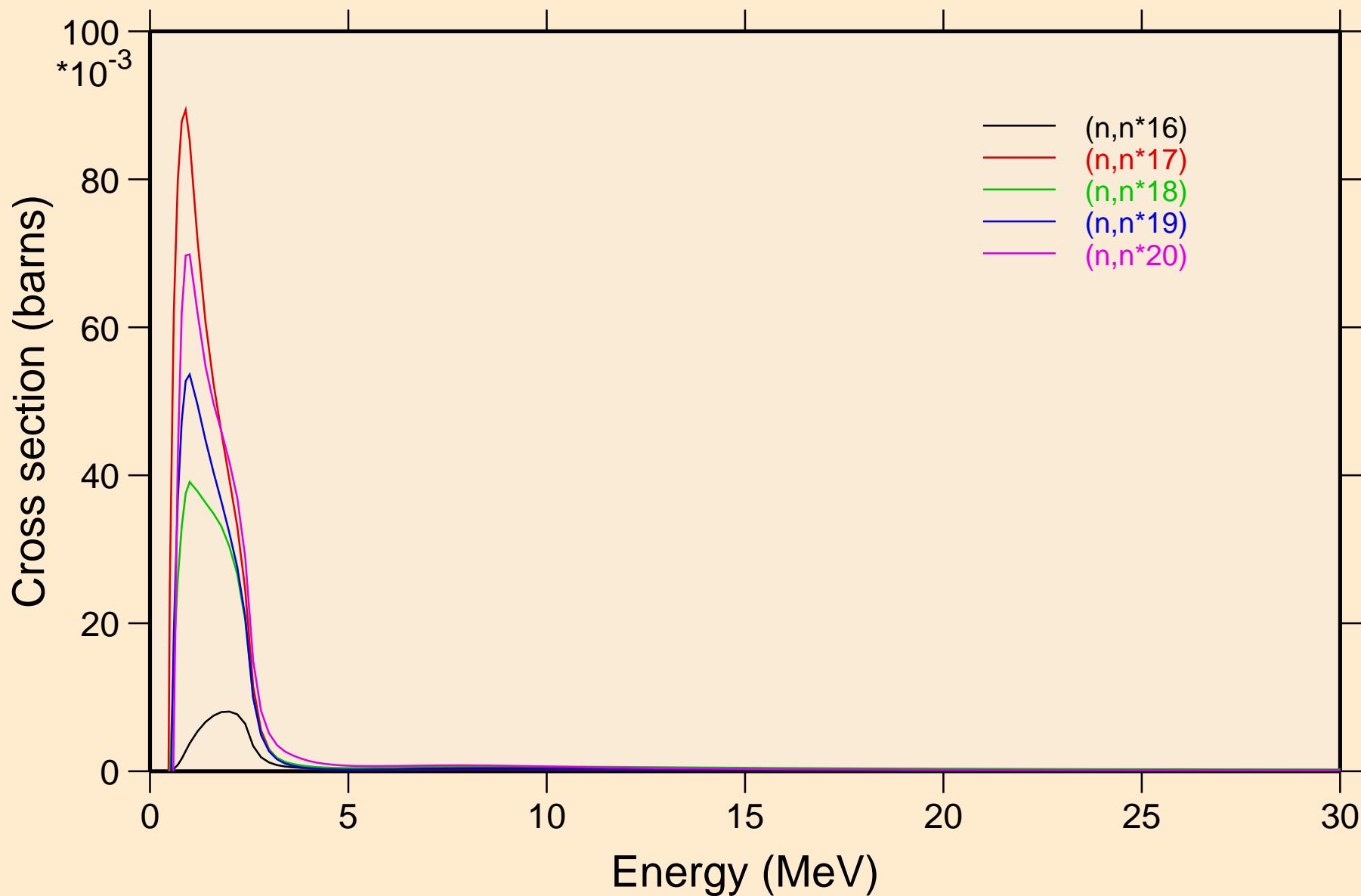
## Inelastic levels



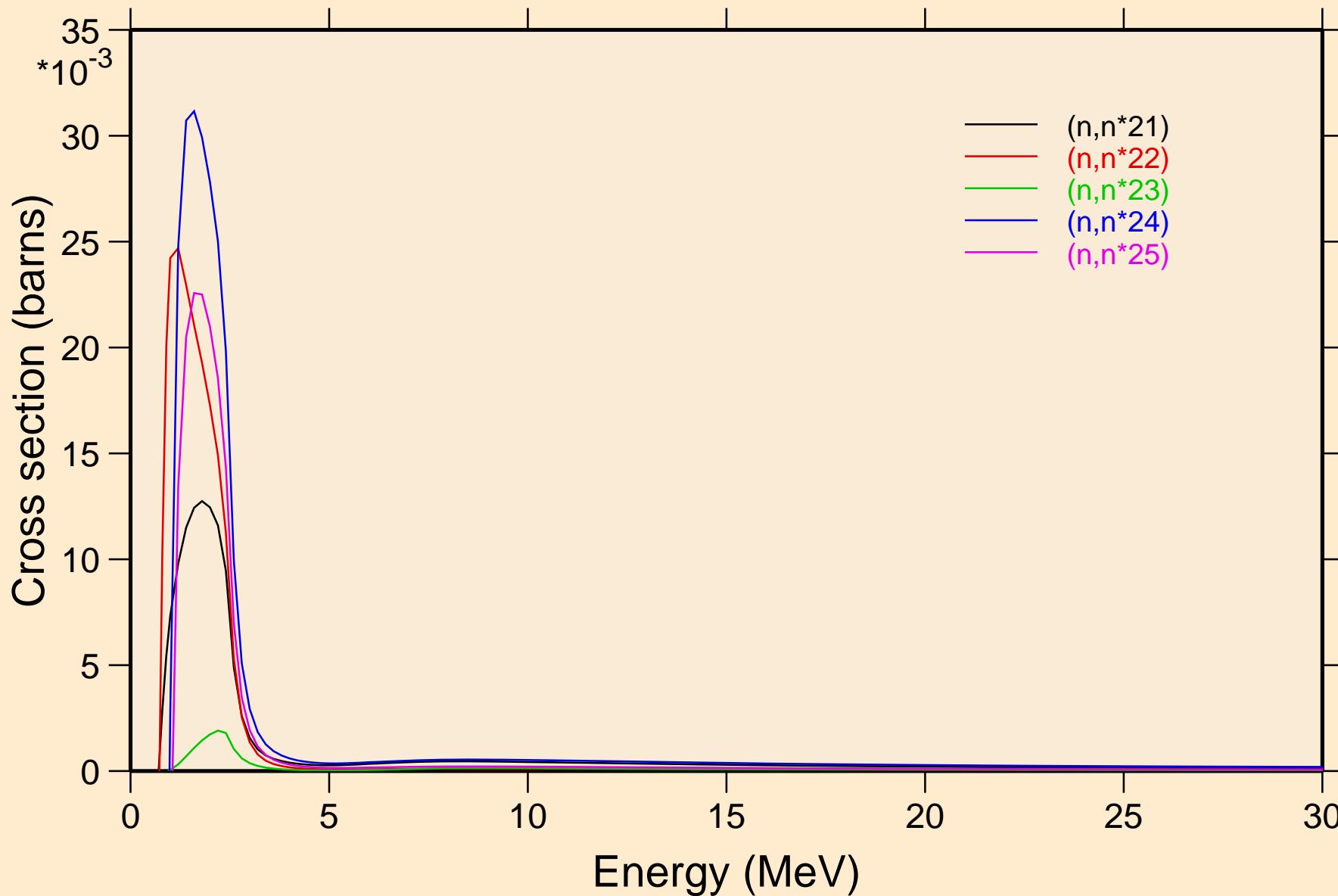
AM243 NRG TENDL-2015, AKONING  
Inelastic levels



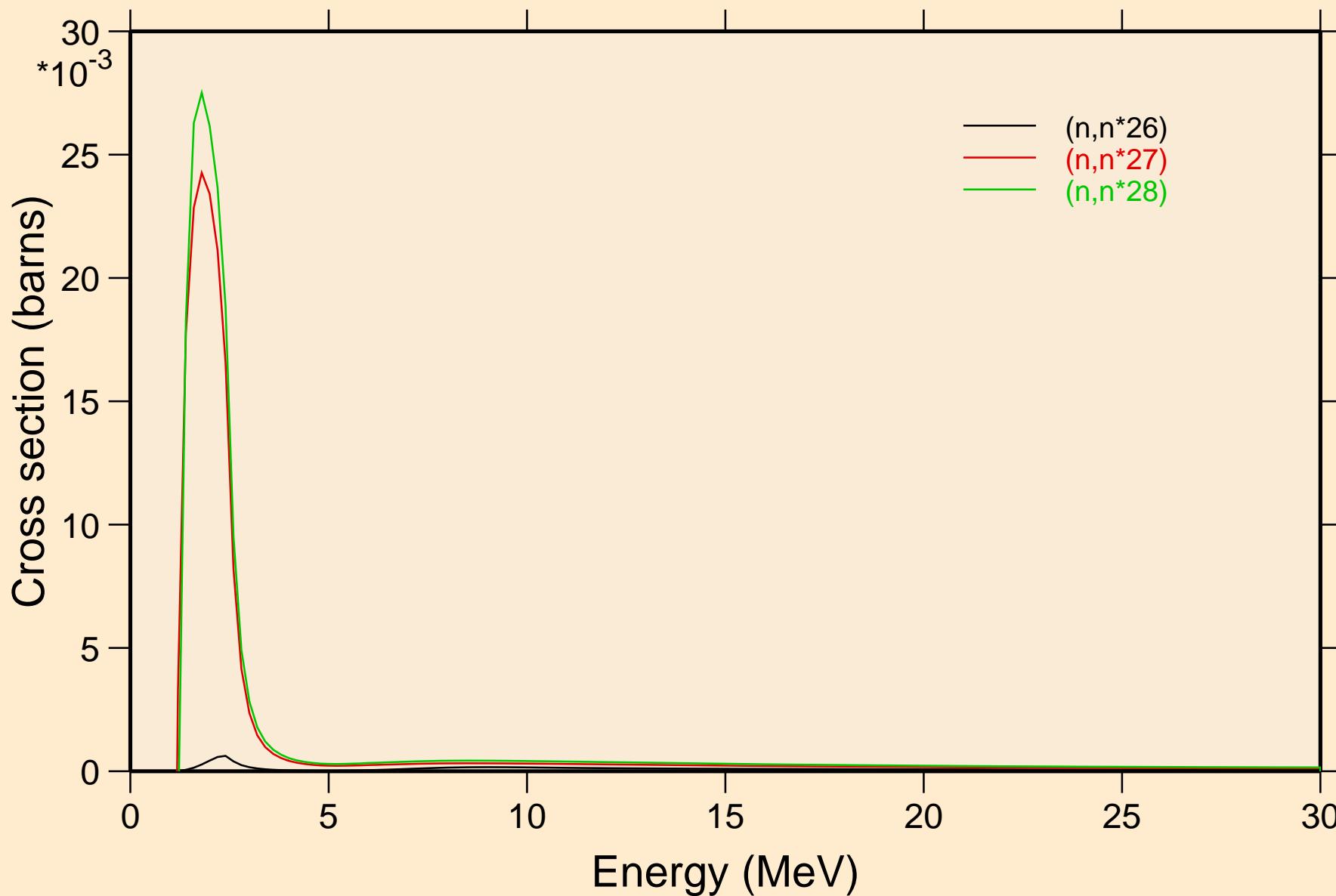
AM243 NRG TENDL-2015, AKONING  
Inelastic levels



AM243 NRG TENDL-2015, AKONING  
Inelastic levels

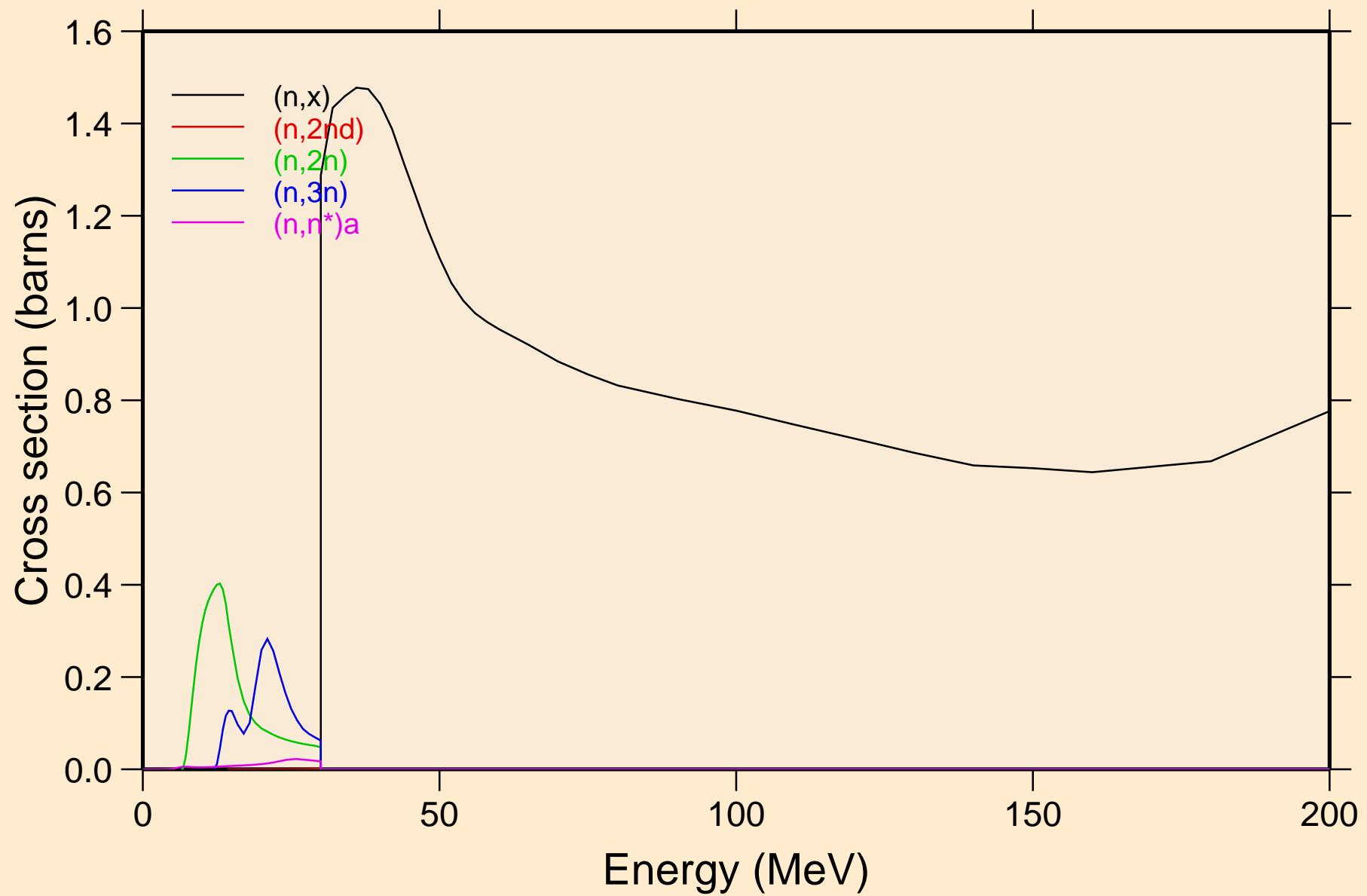


AM243 NRG TENDL-2015, AKONING  
Inelastic levels



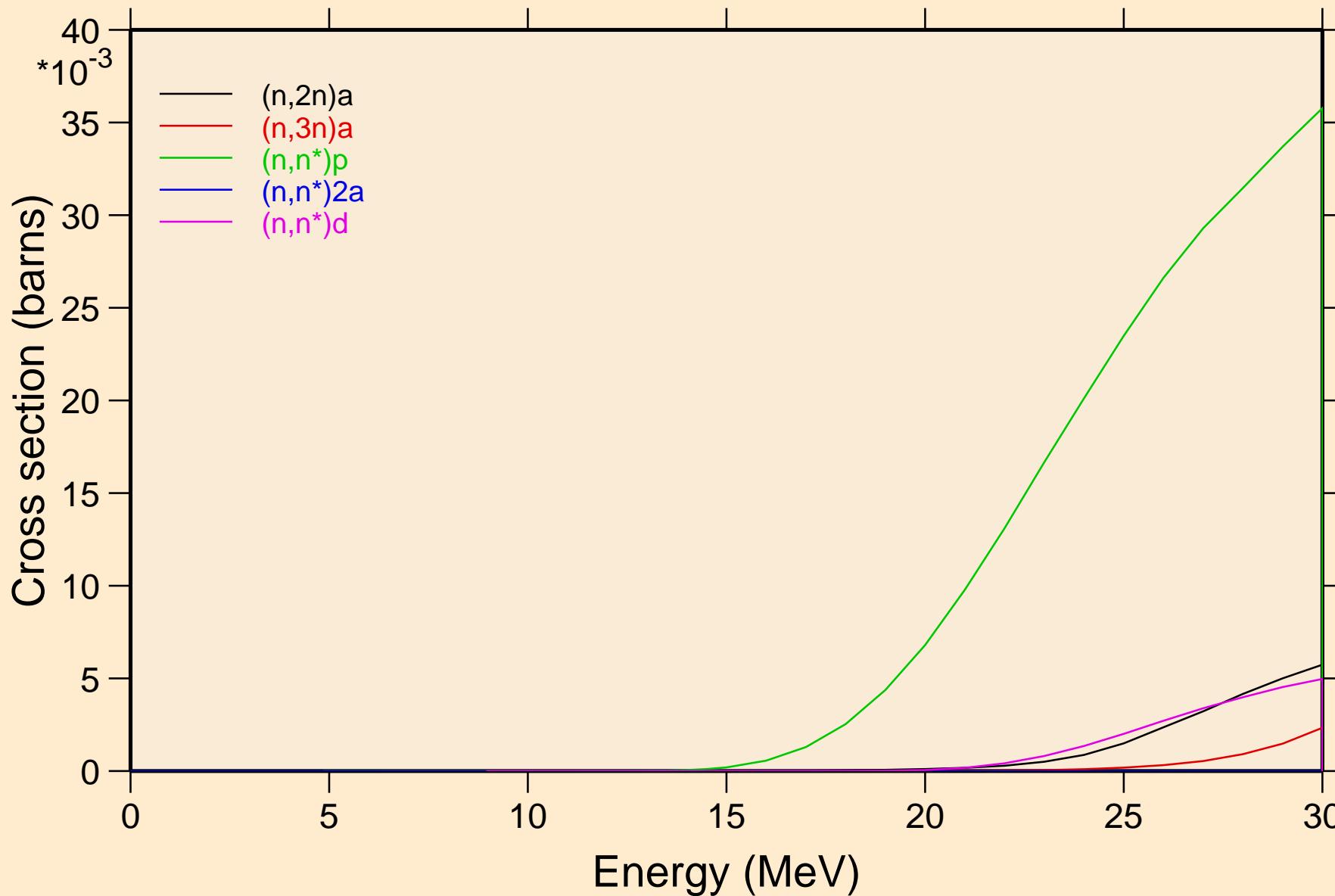
# AM243 NRG TENDL-2015, AKONING

## Threshold reactions



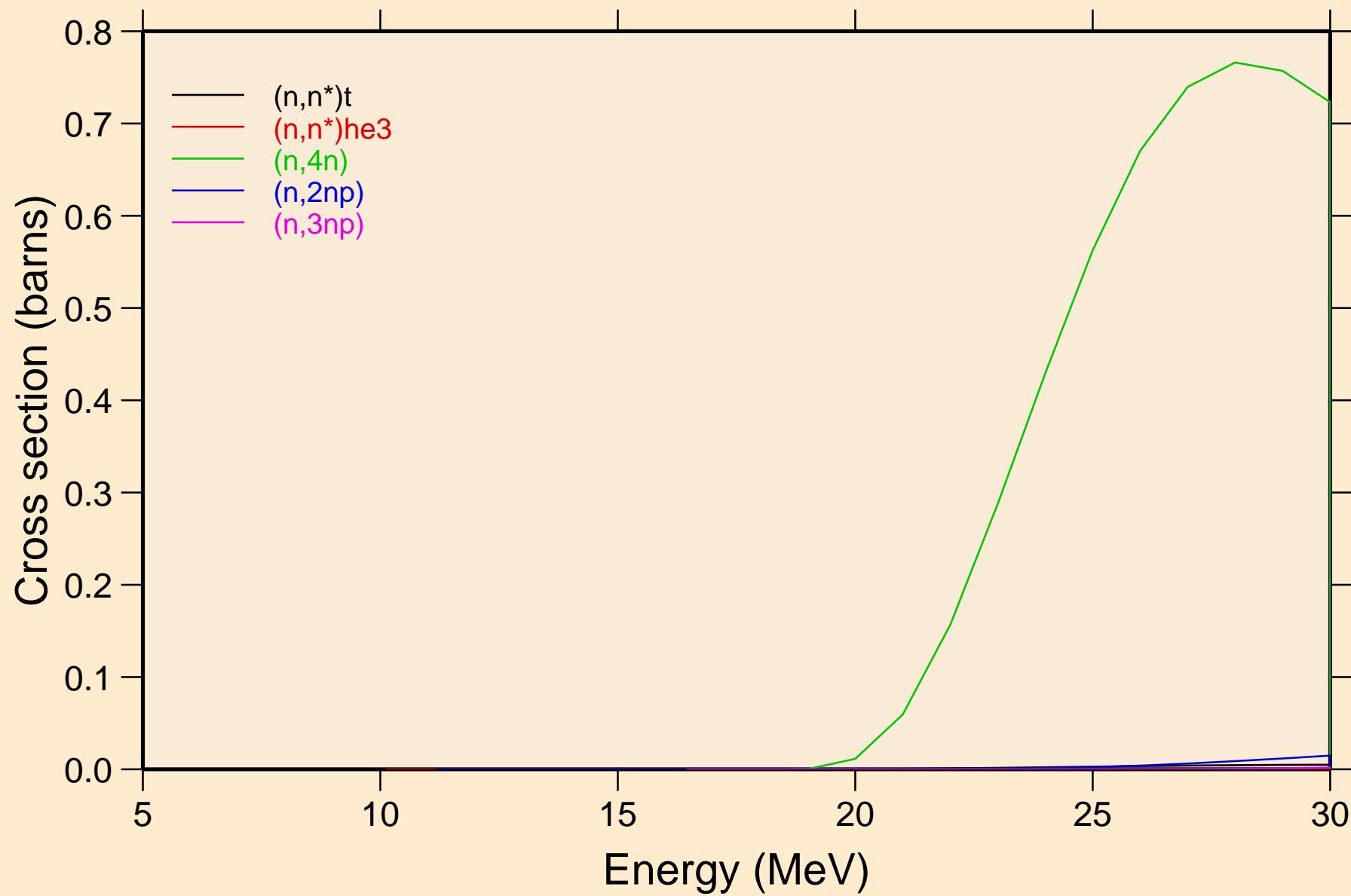
# AM243 NRG TENDL-2015, AKONING

## Threshold reactions



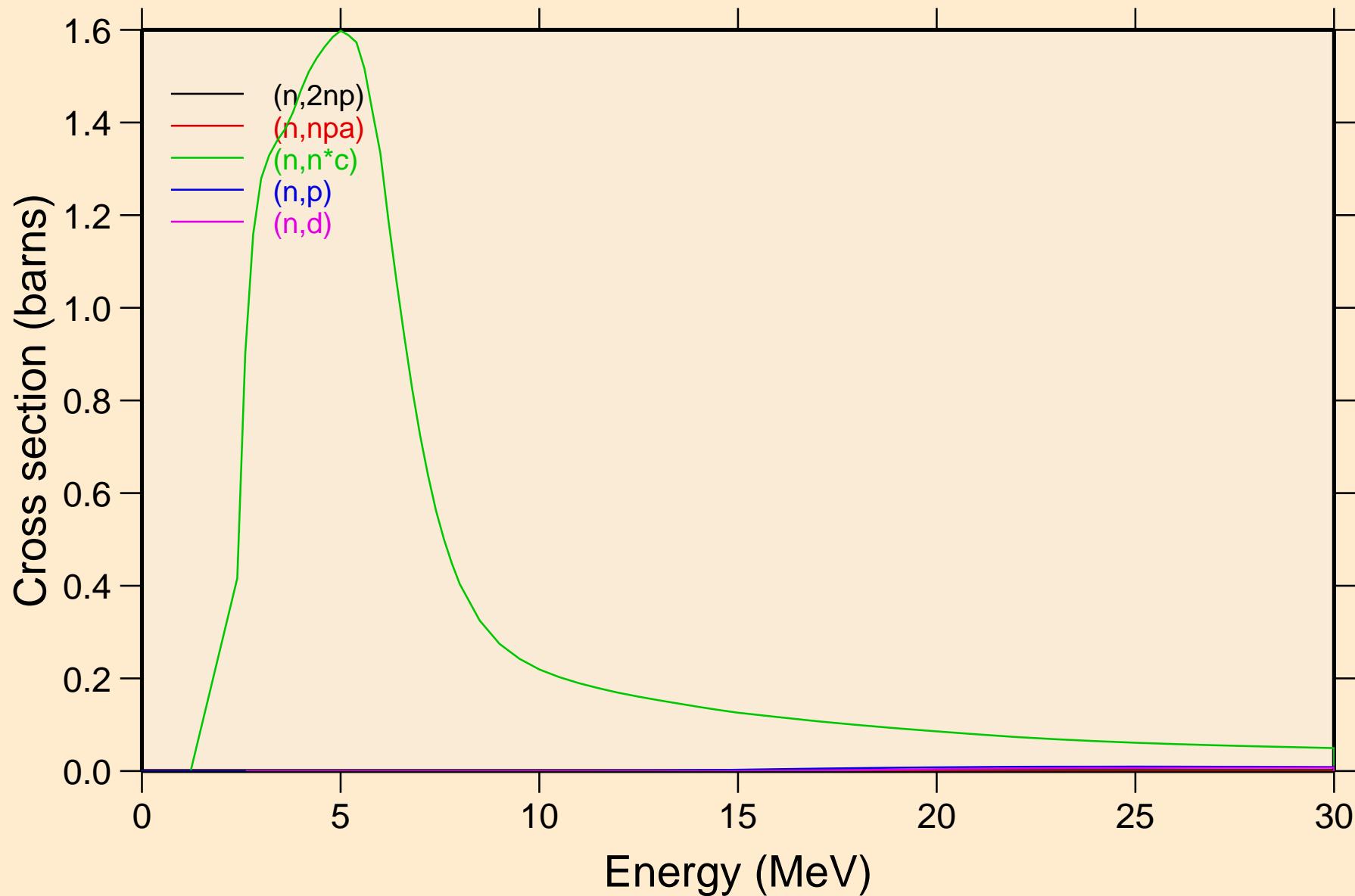
# AM243 NRG TENDL-2015, AKONING

## Threshold reactions



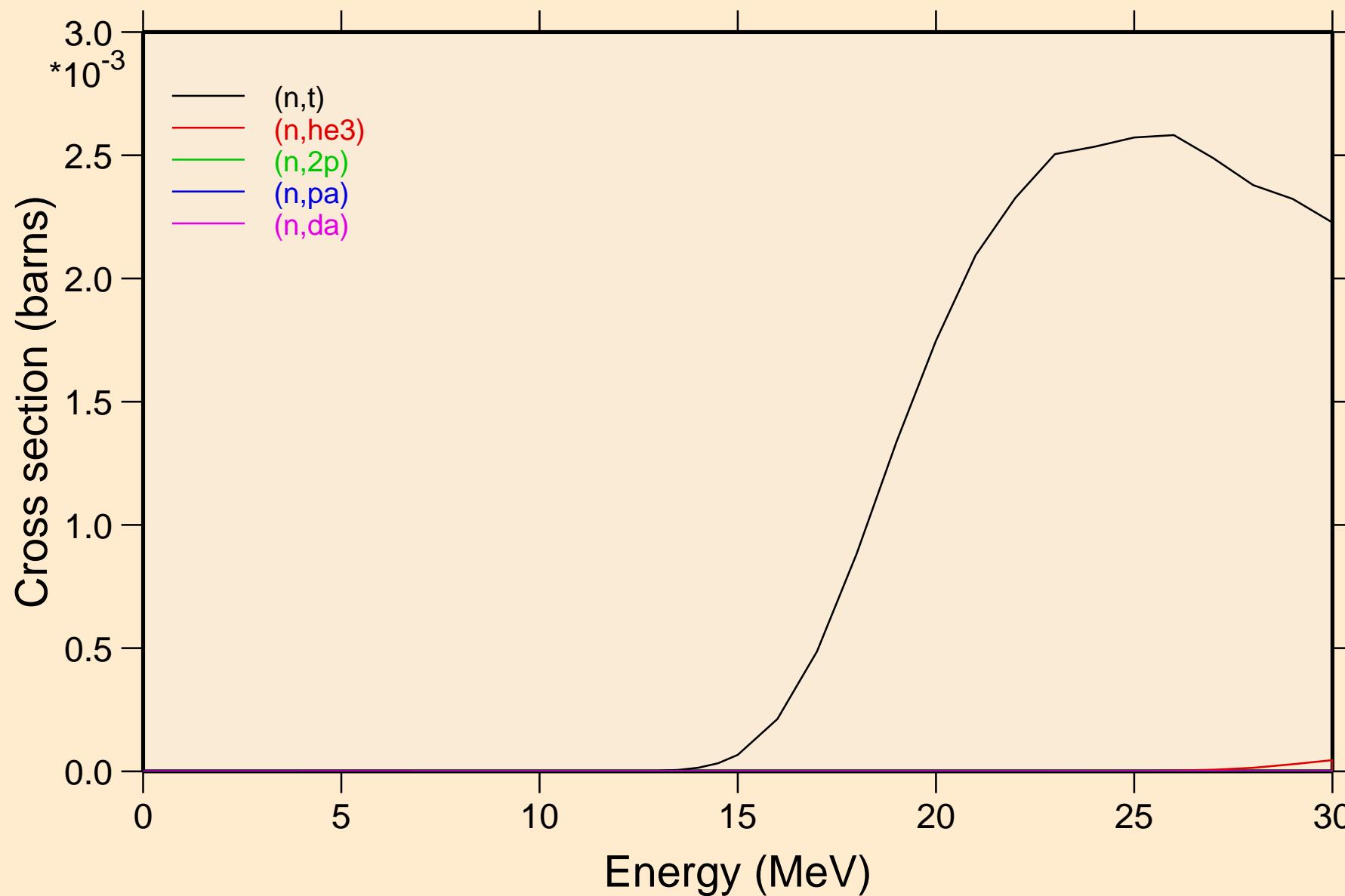
# AM243 NRG TENDL-2015, AKONING

## Threshold reactions

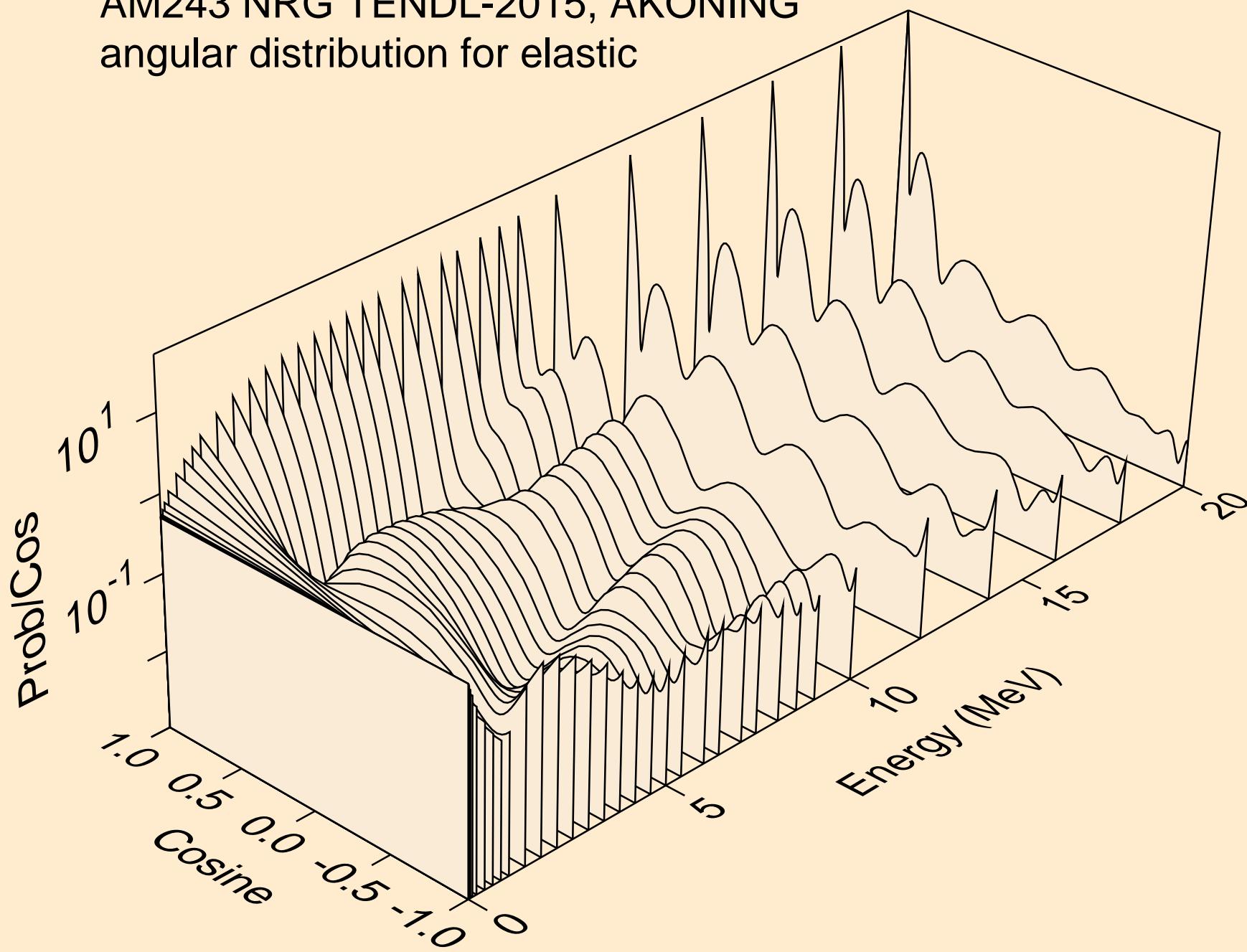


# AM243 NRG TENDL-2015, AKONING

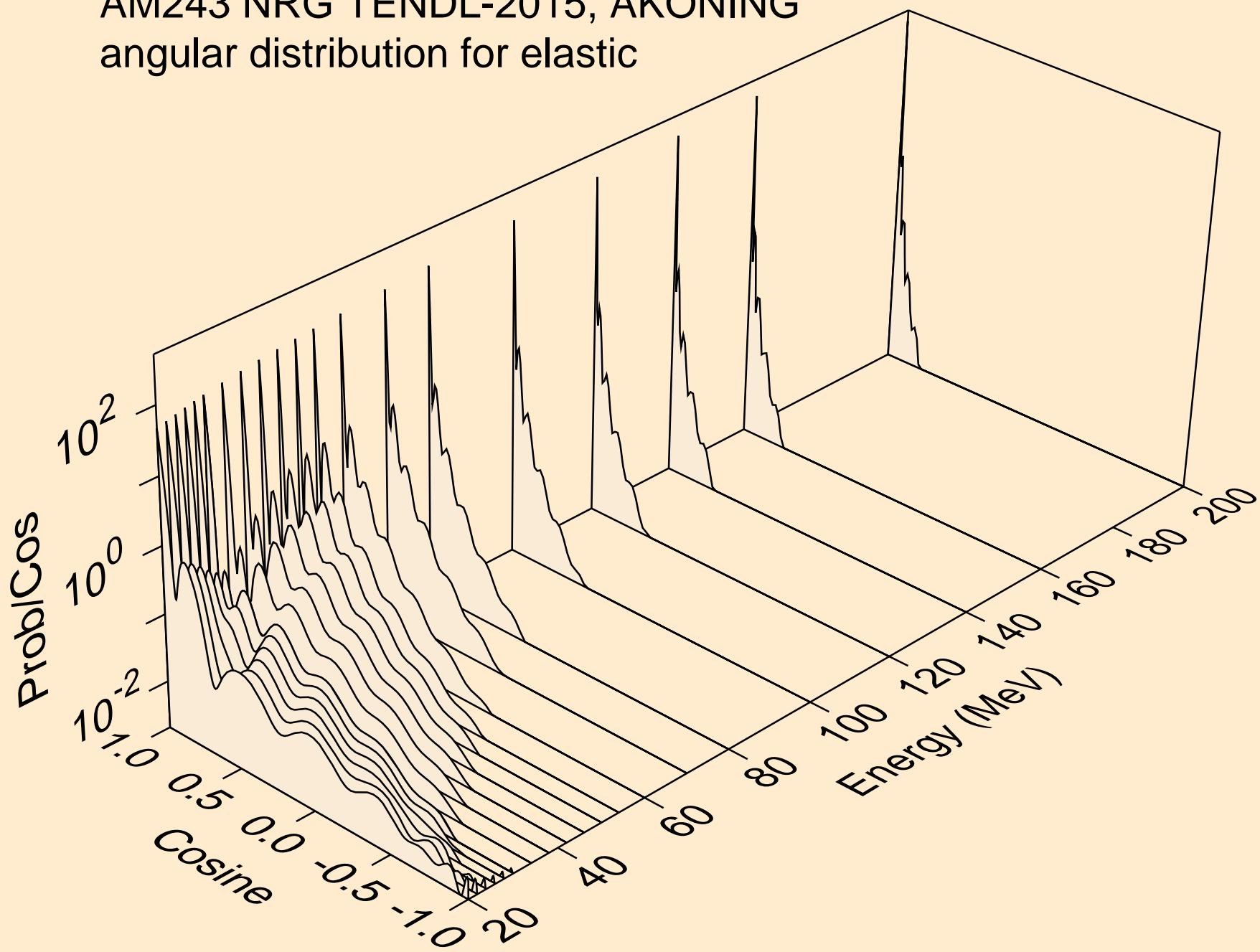
## Threshold reactions



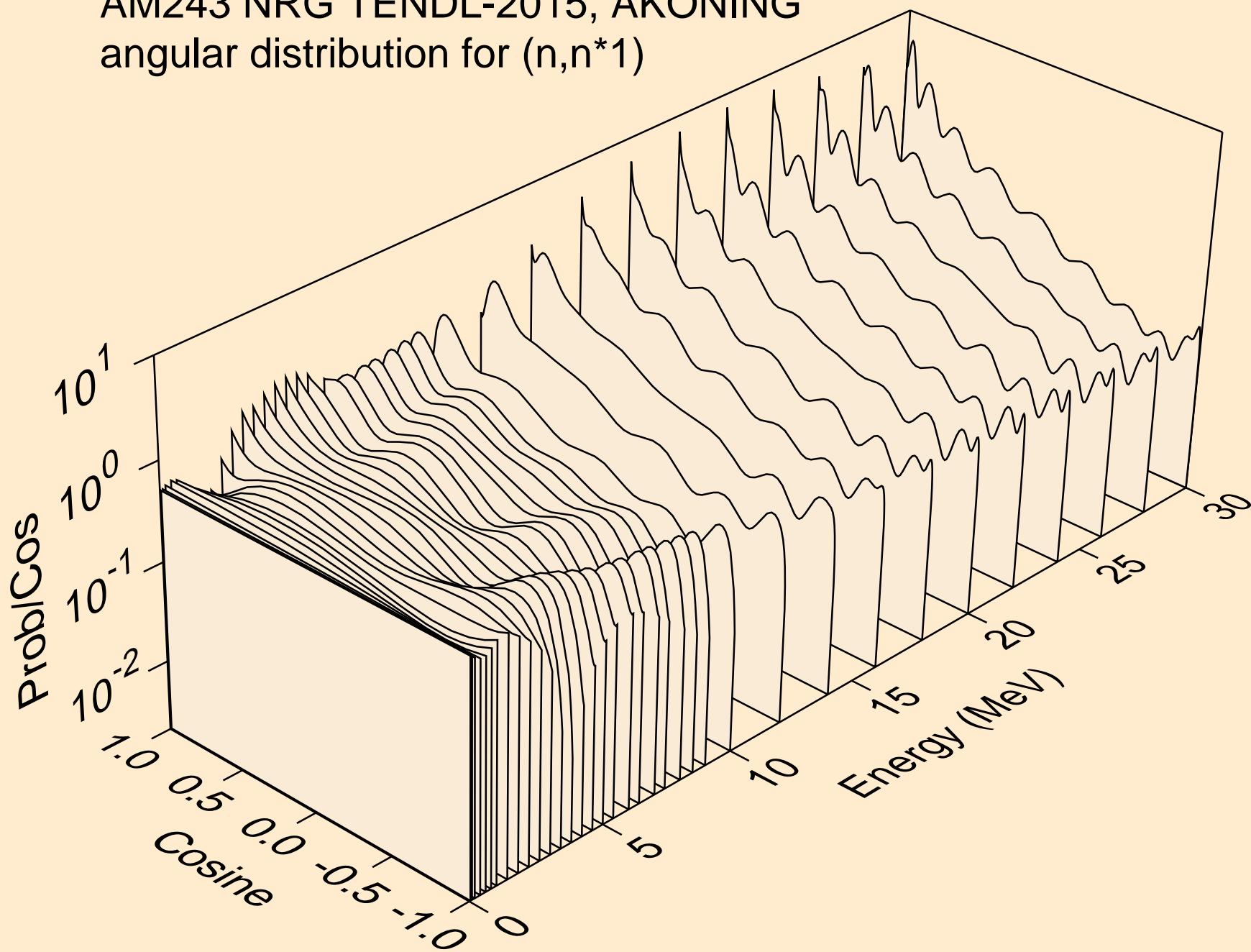
AM243 NRG TENDL-2015, AKONING  
angular distribution for elastic



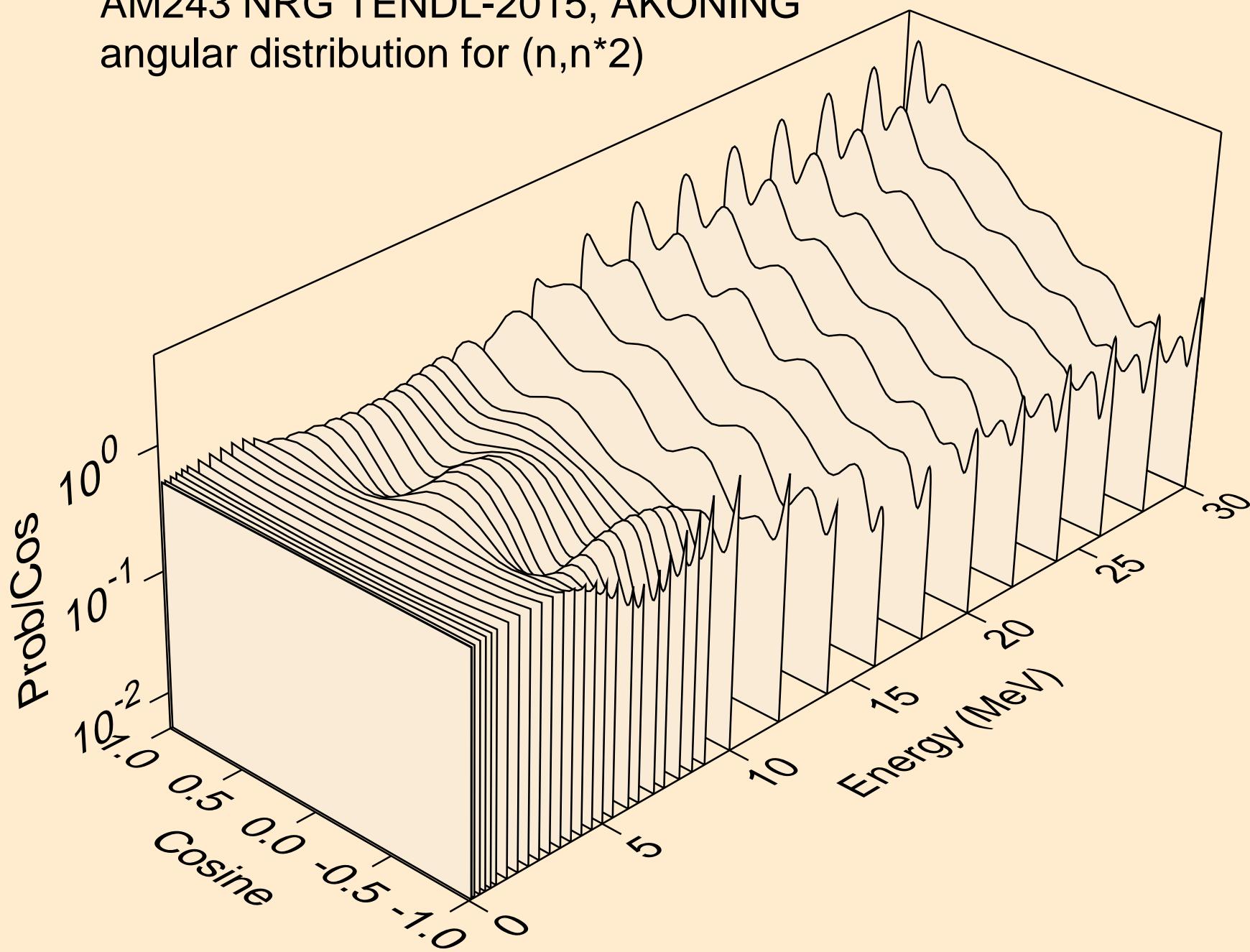
AM243 NRG TENDL-2015, AKONING  
angular distribution for elastic



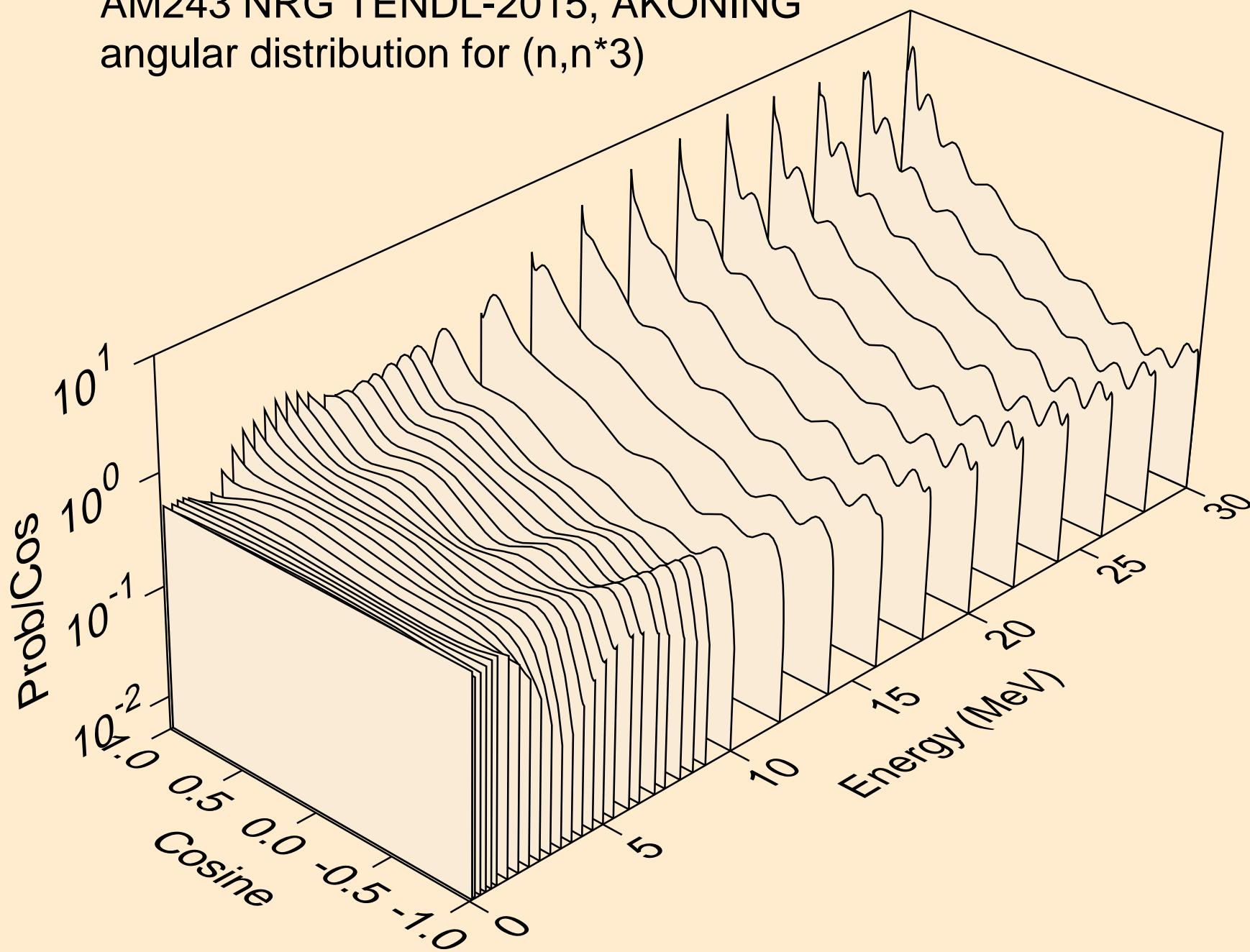
AM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



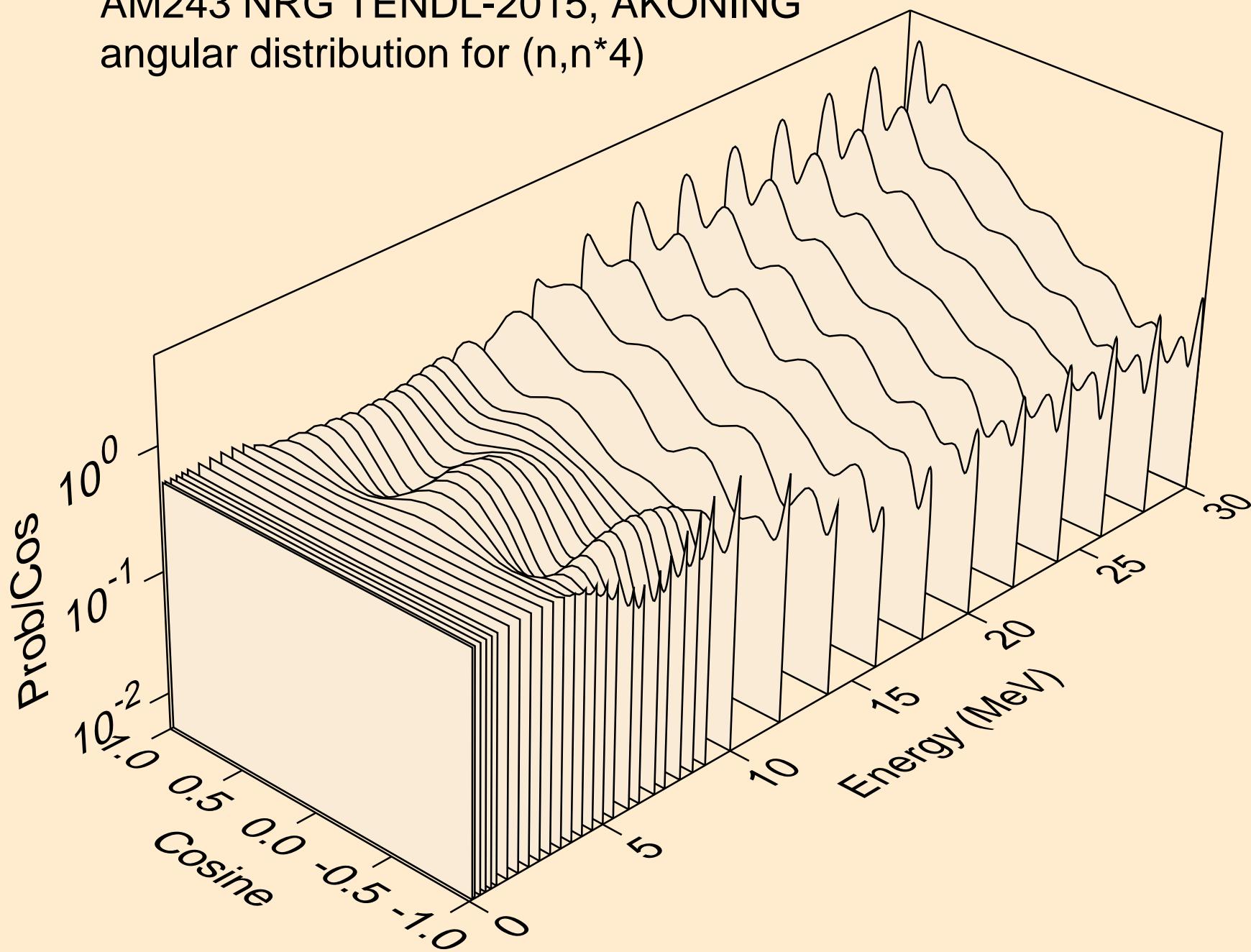
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*2)$



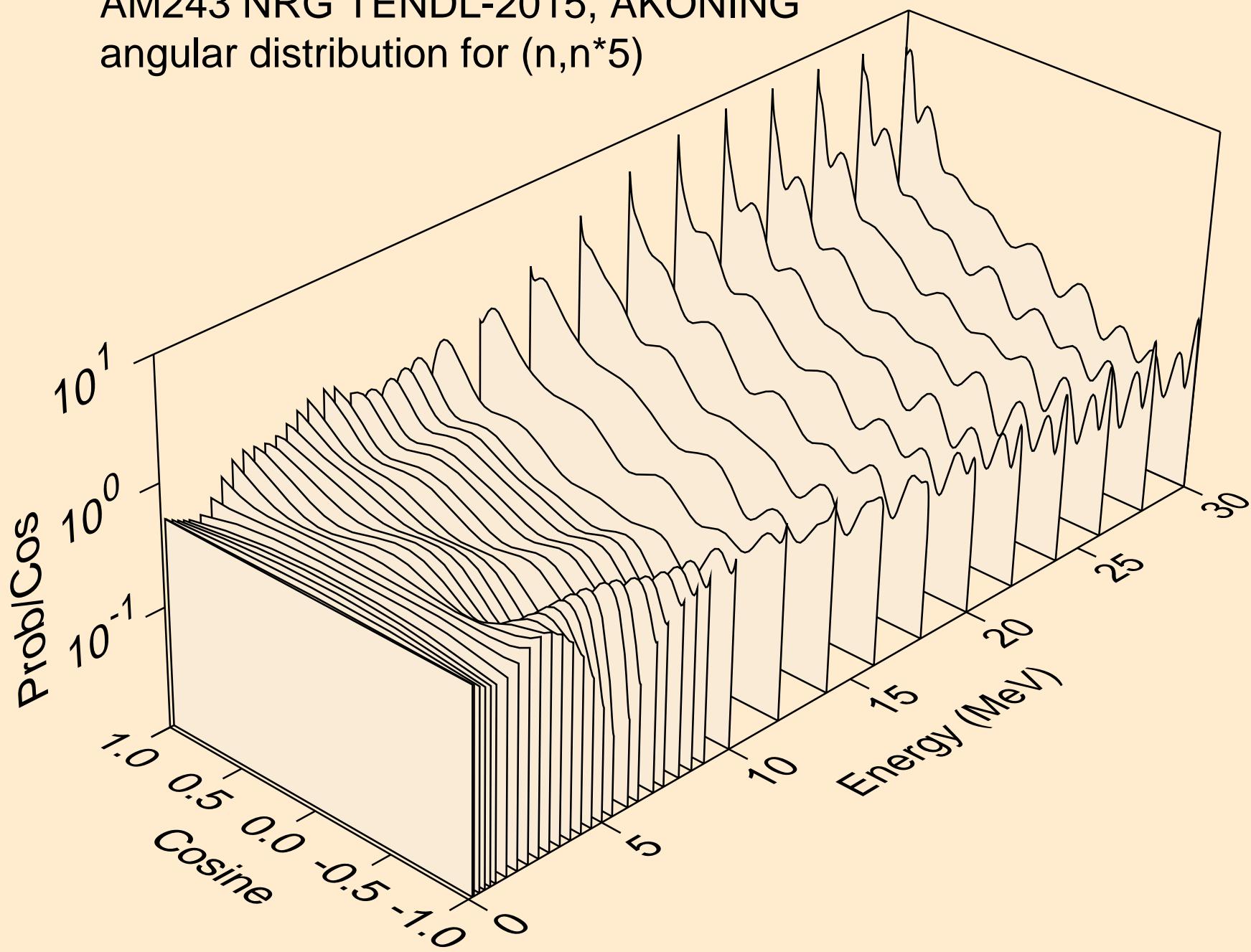
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



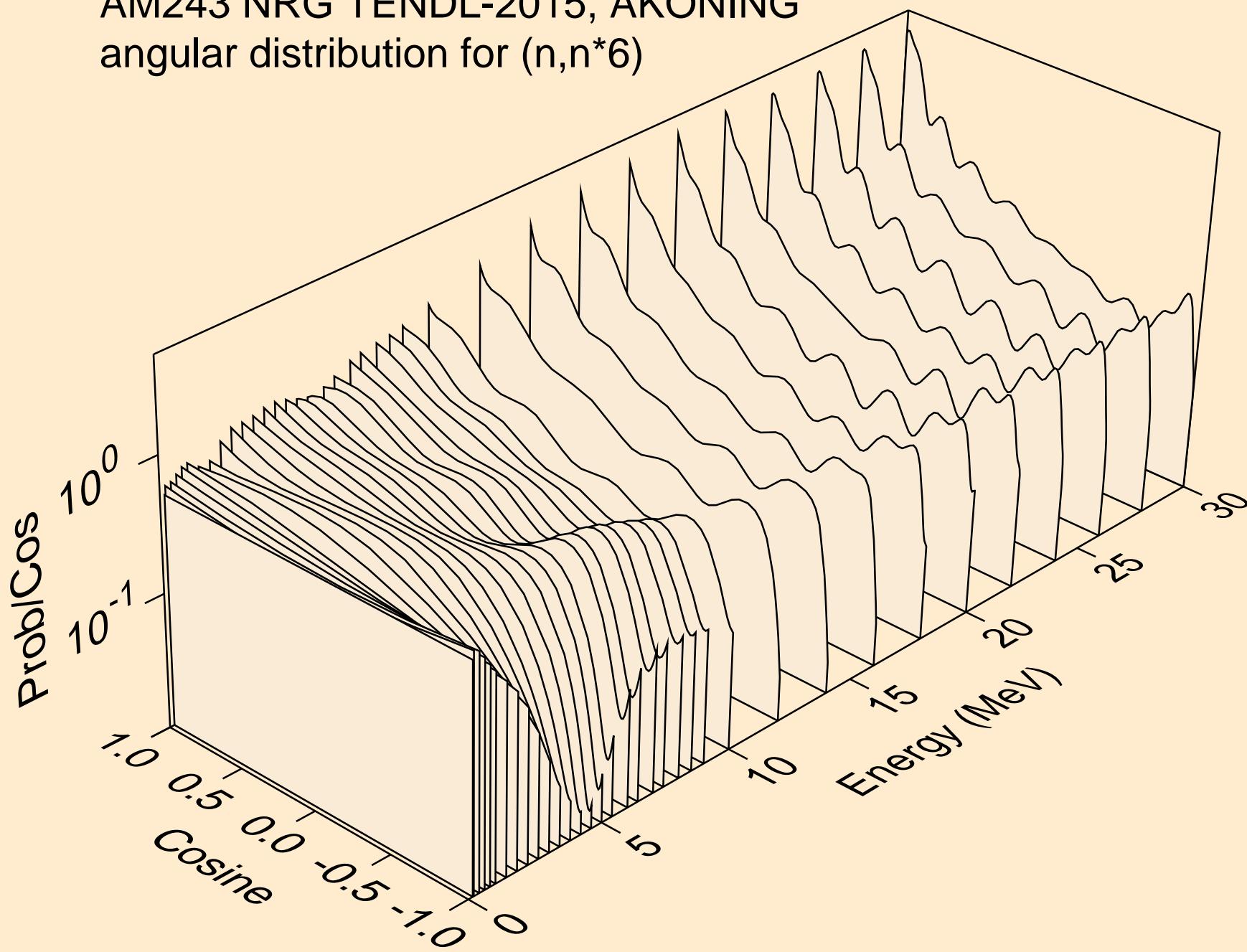
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



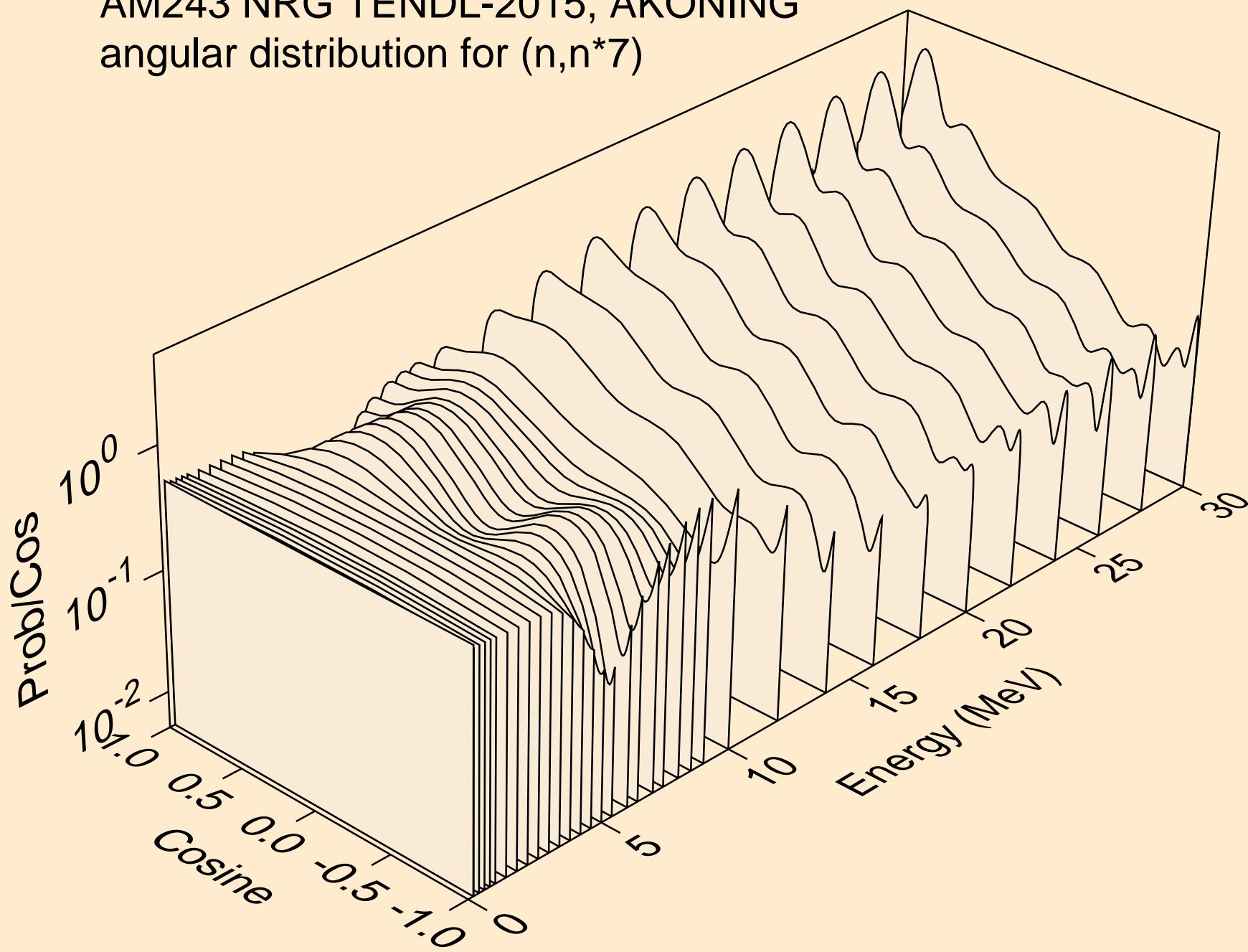
AM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



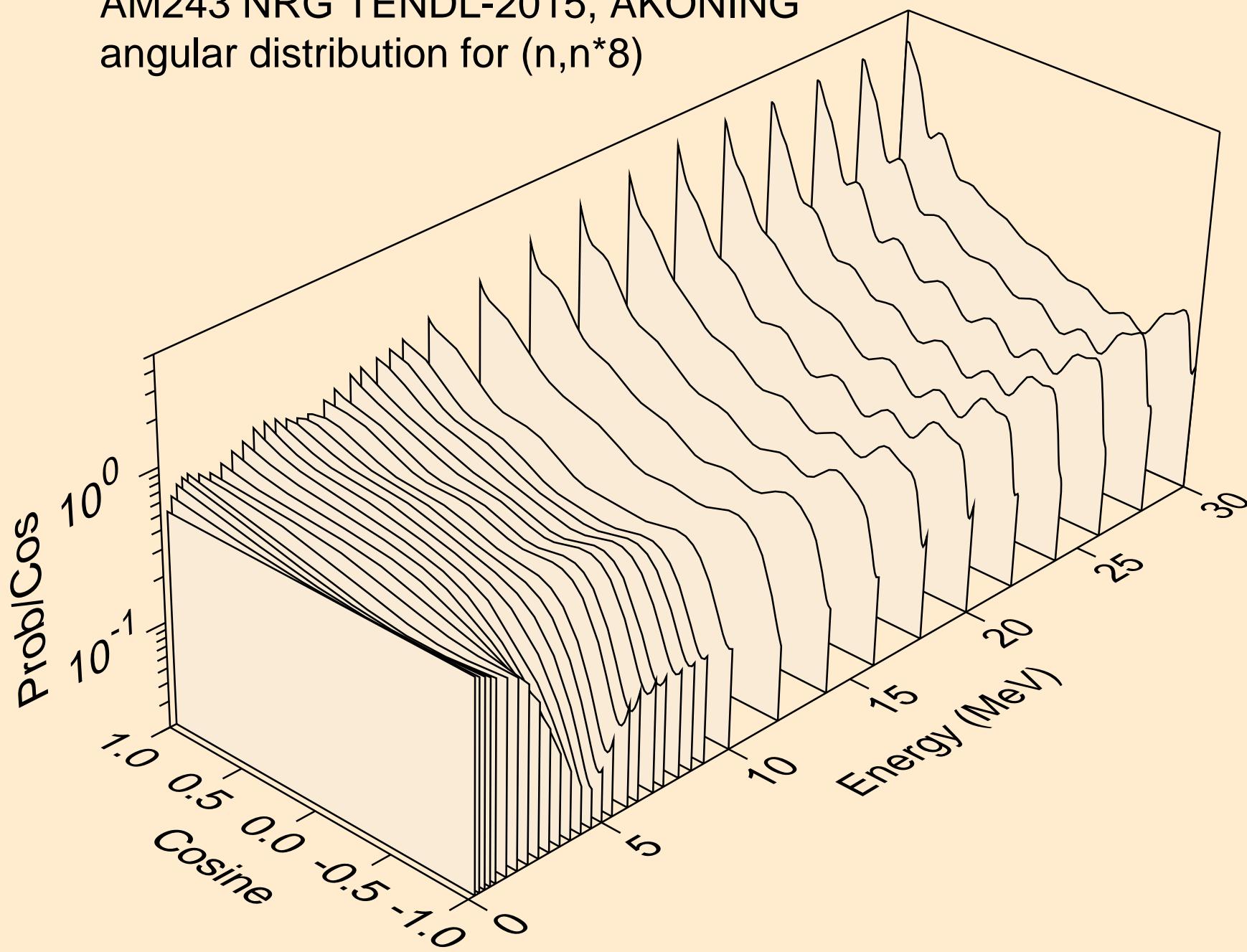
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



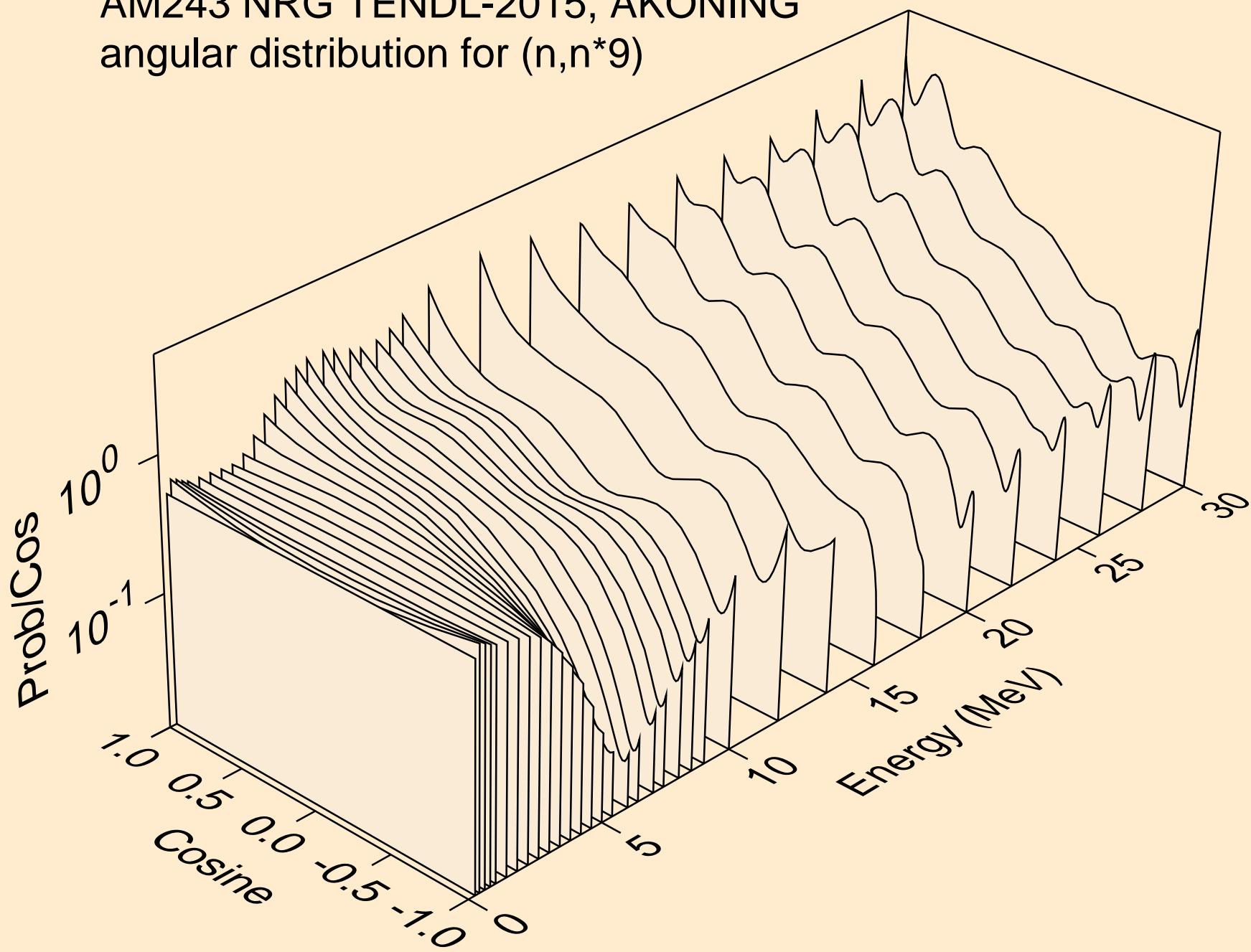
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



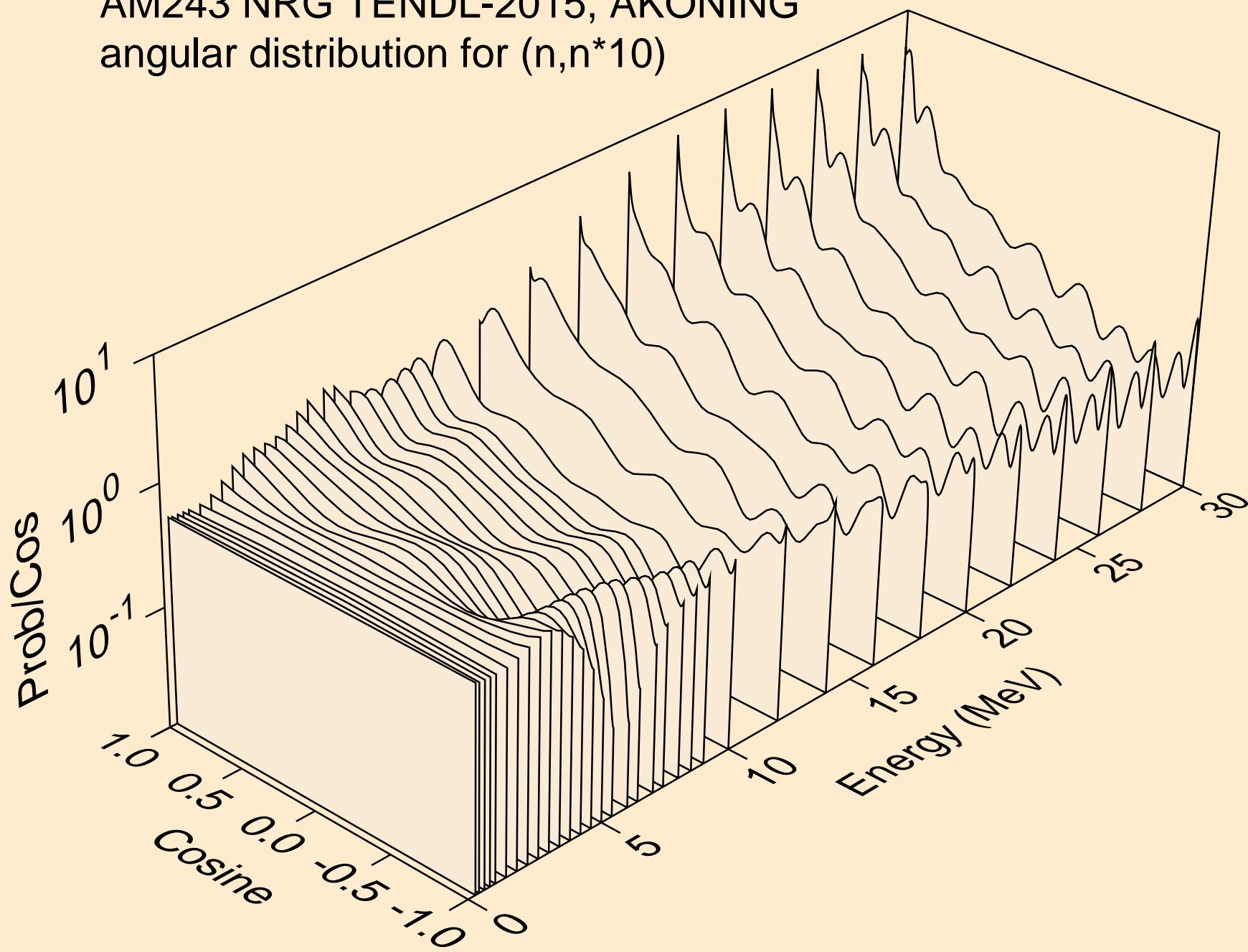
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



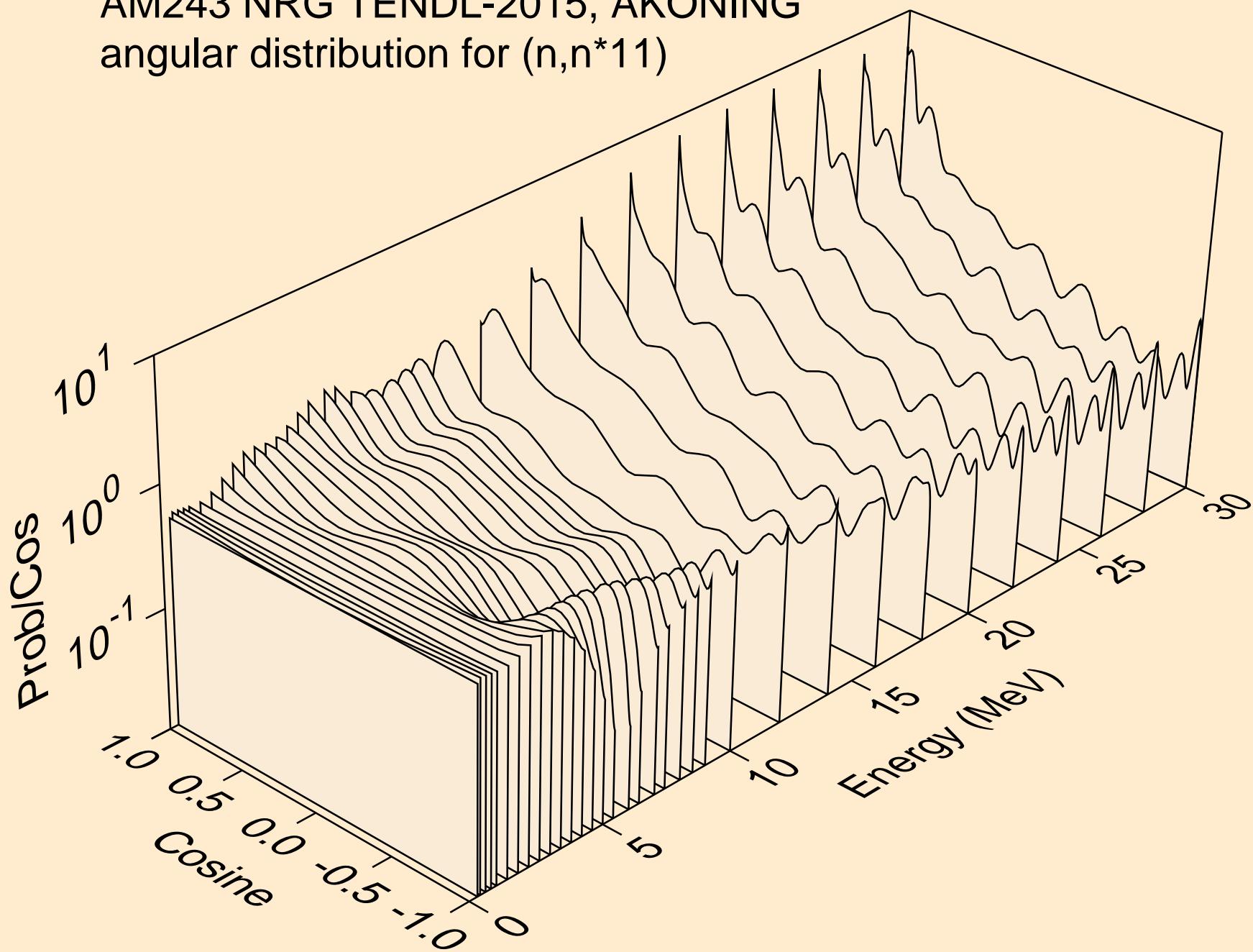
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)9$



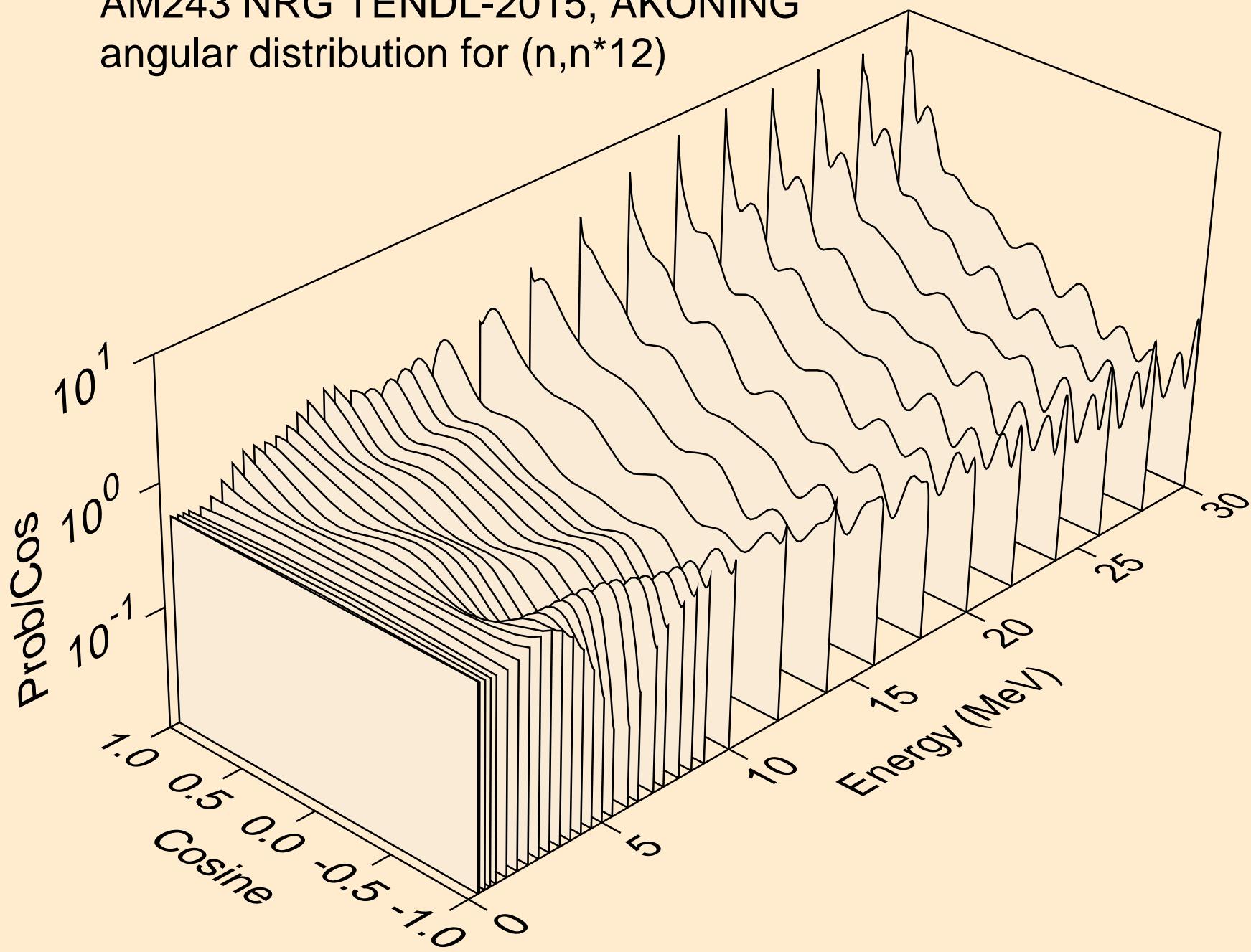
AM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



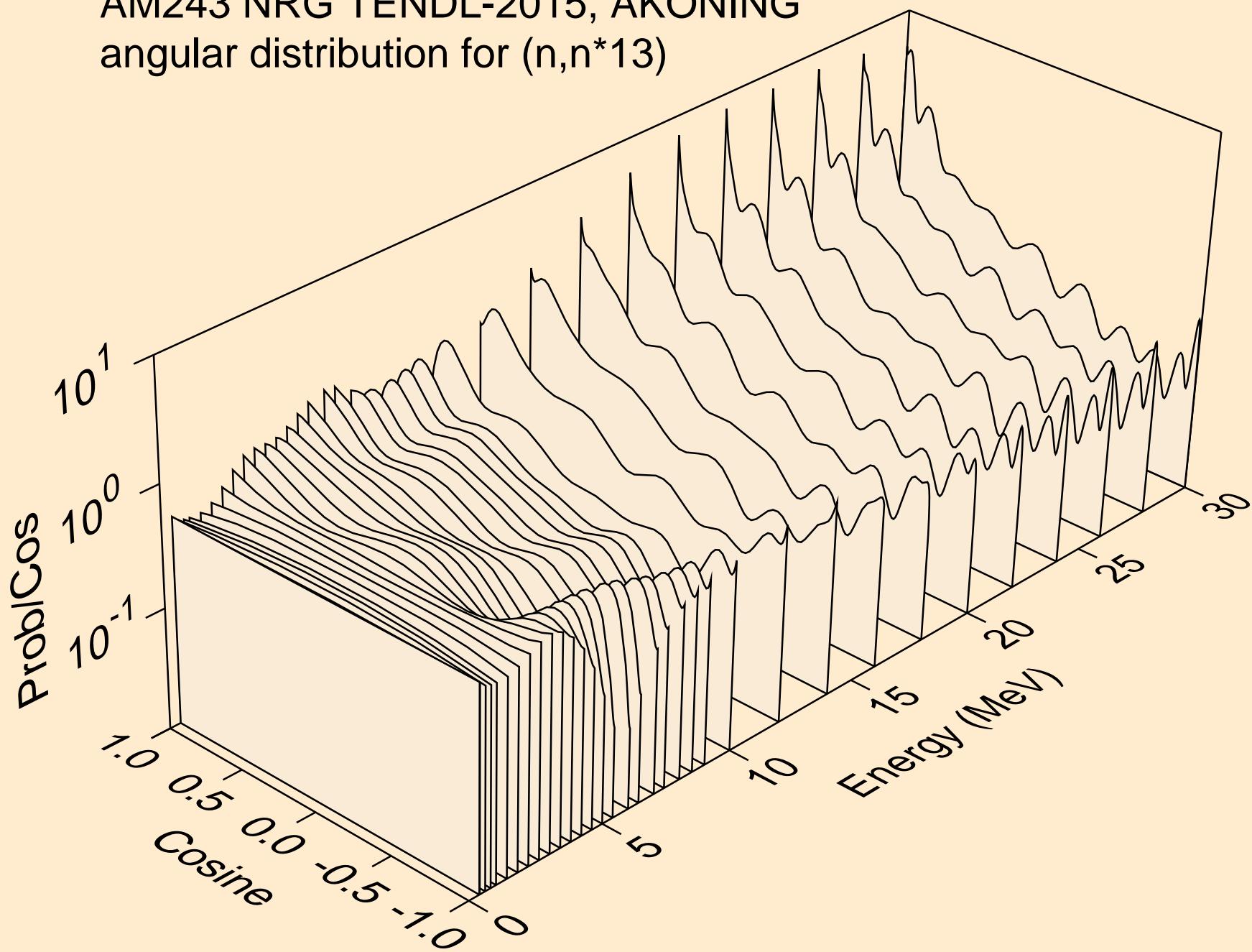
AM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



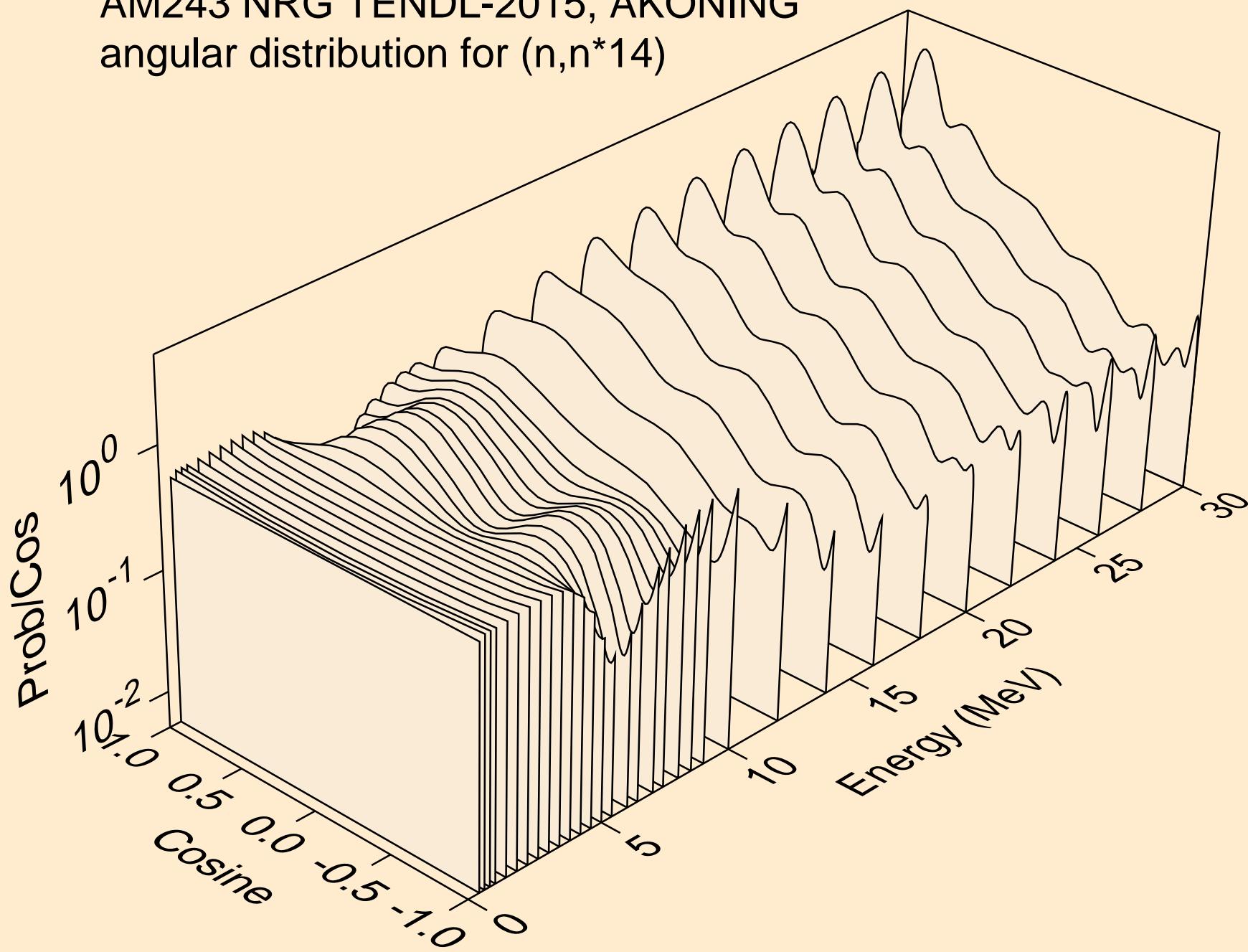
AM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



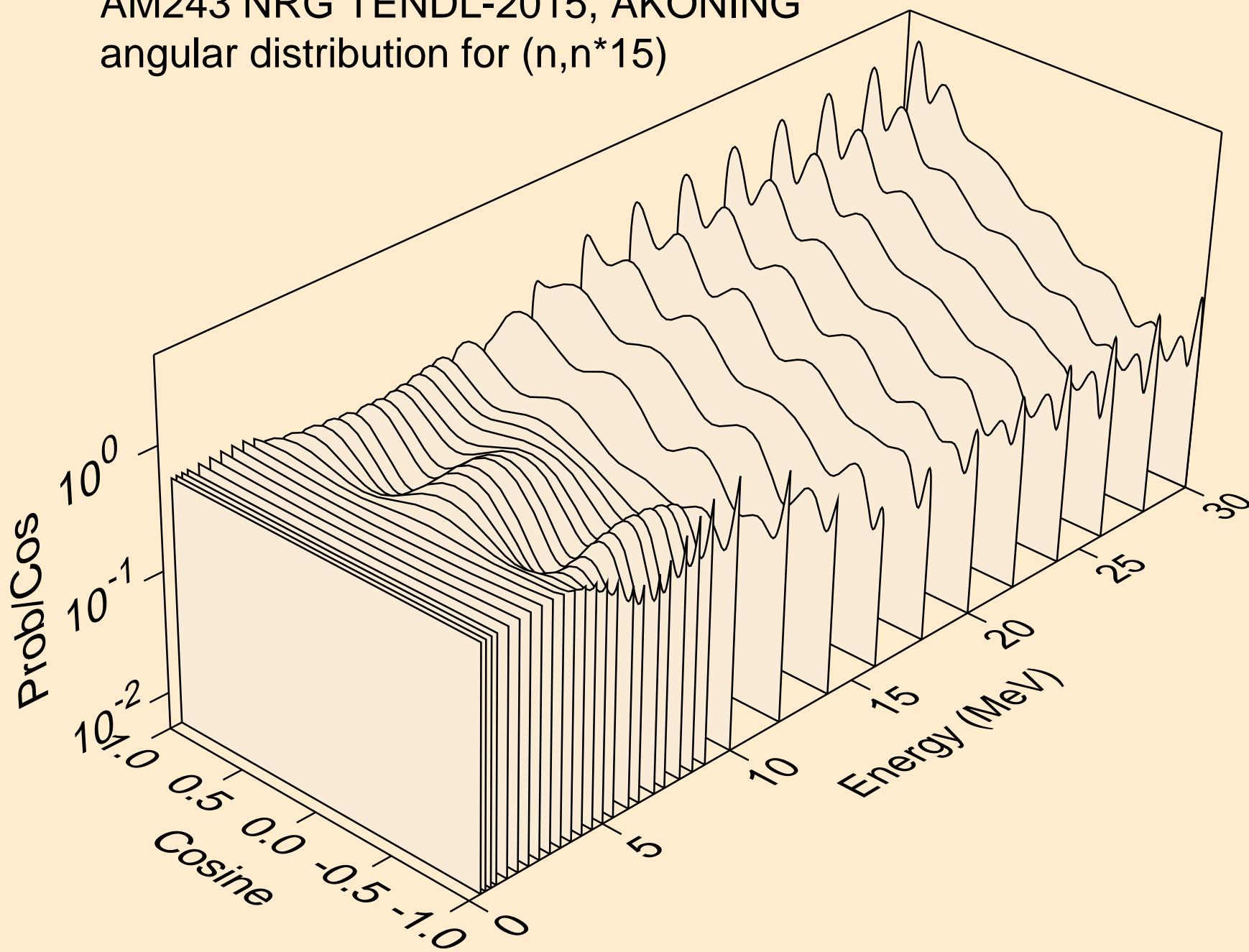
AM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



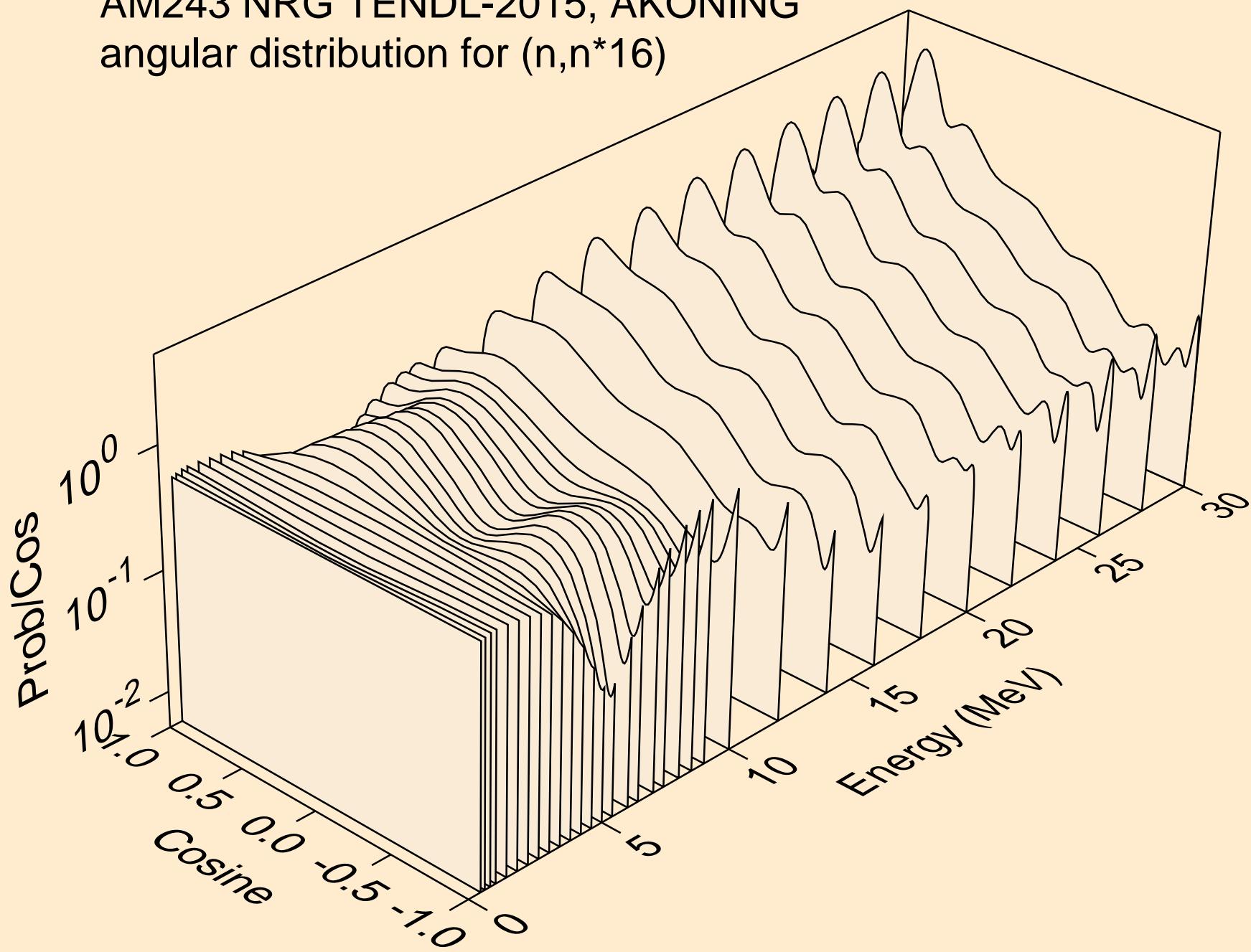
AM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



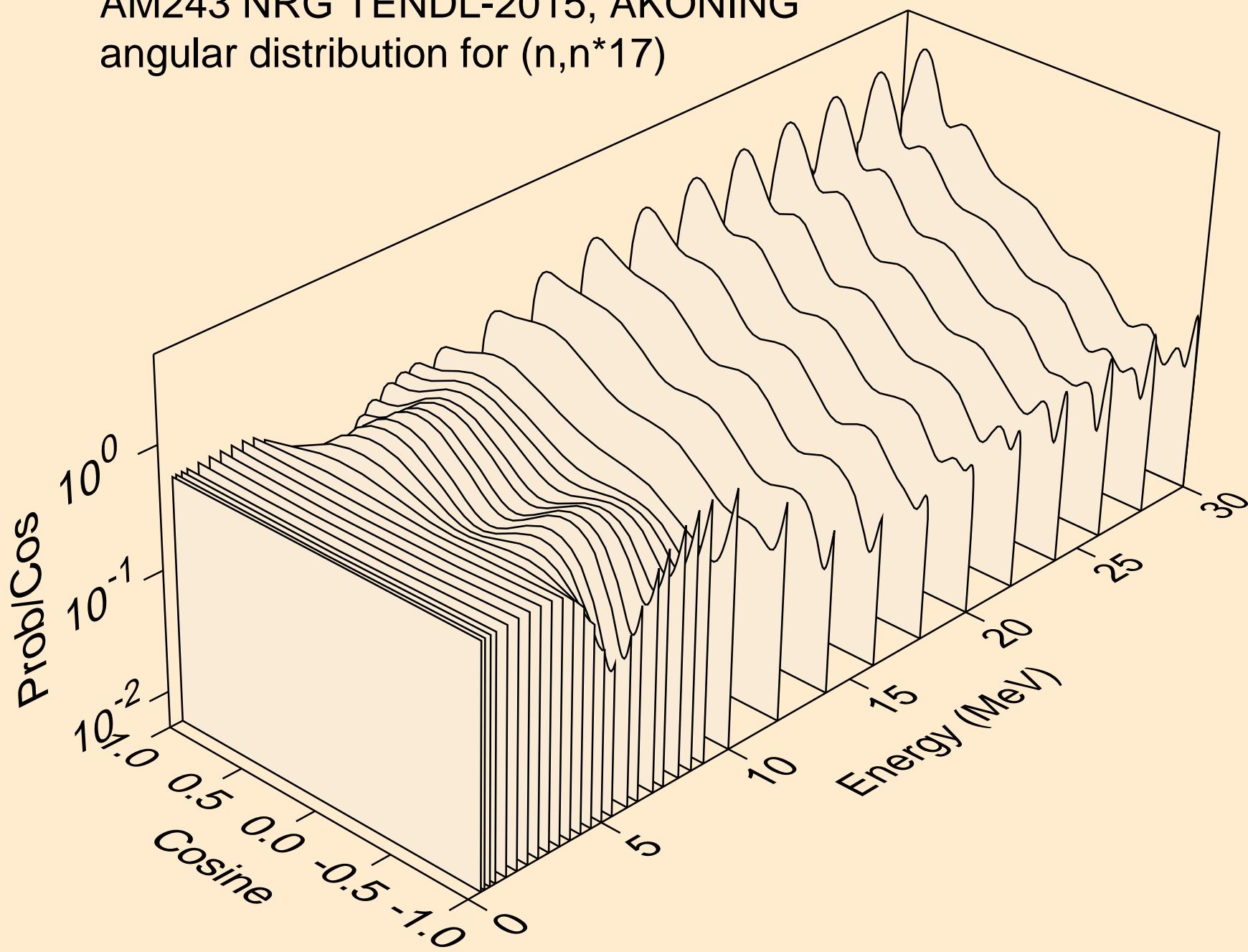
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*15)$



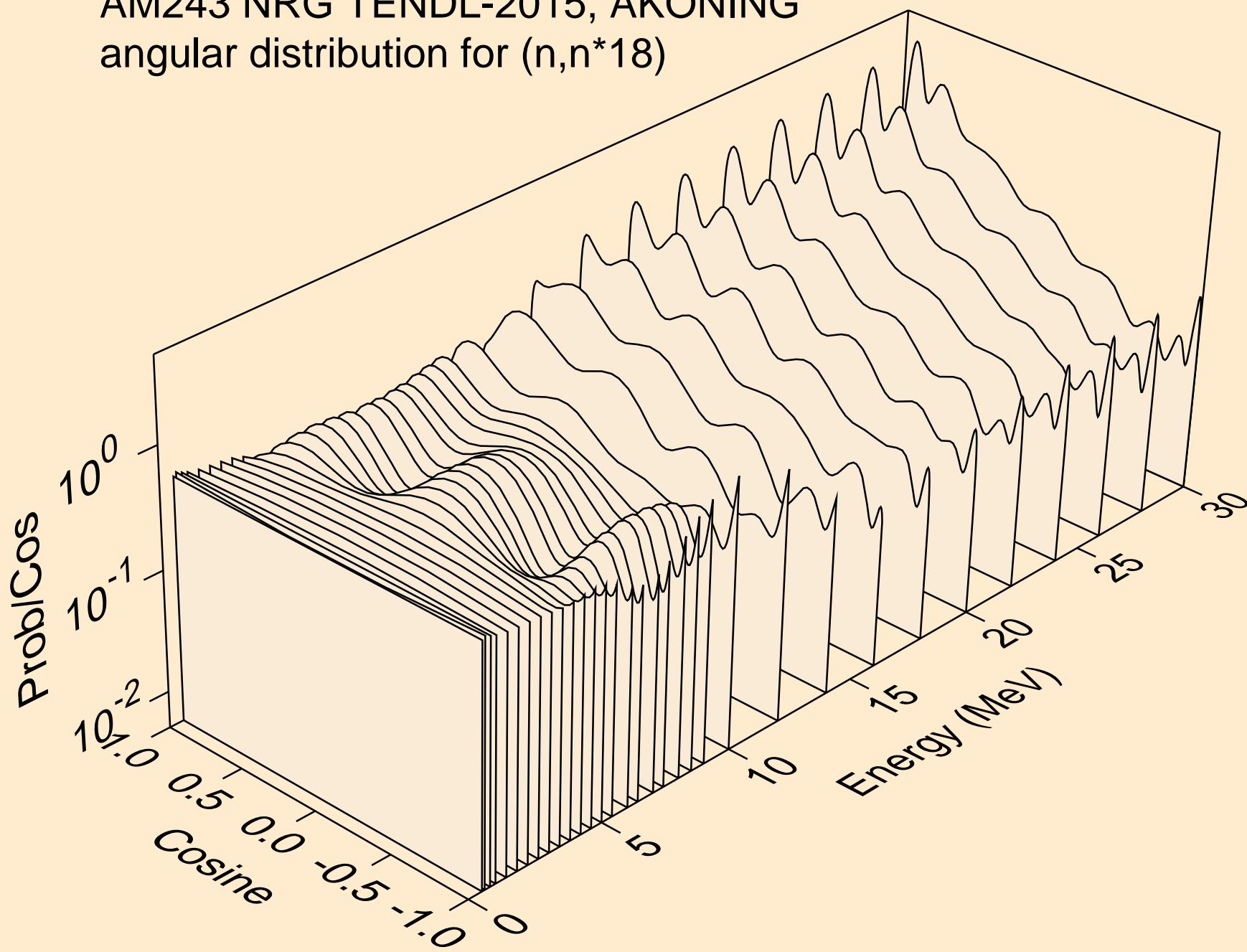
AM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



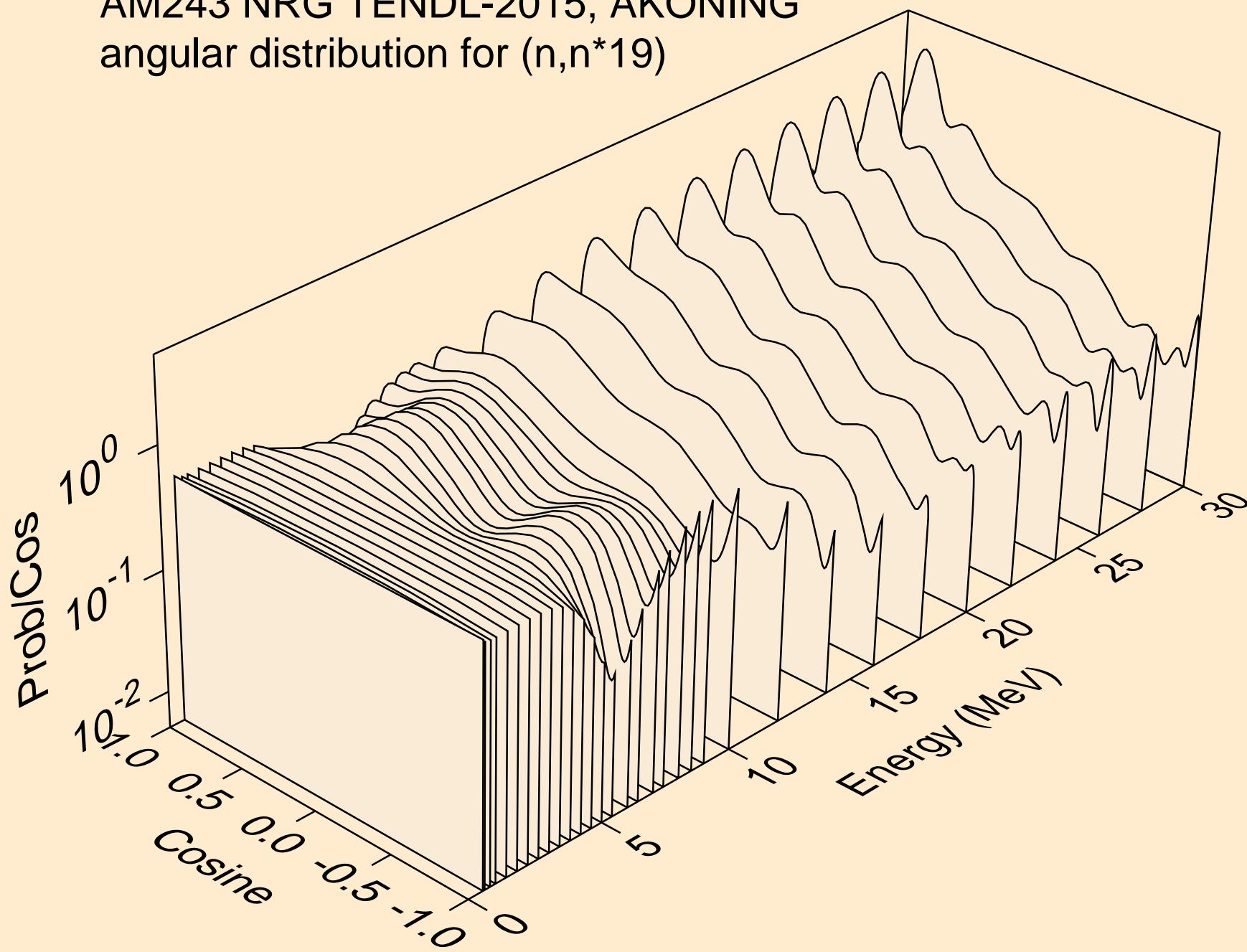
AM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



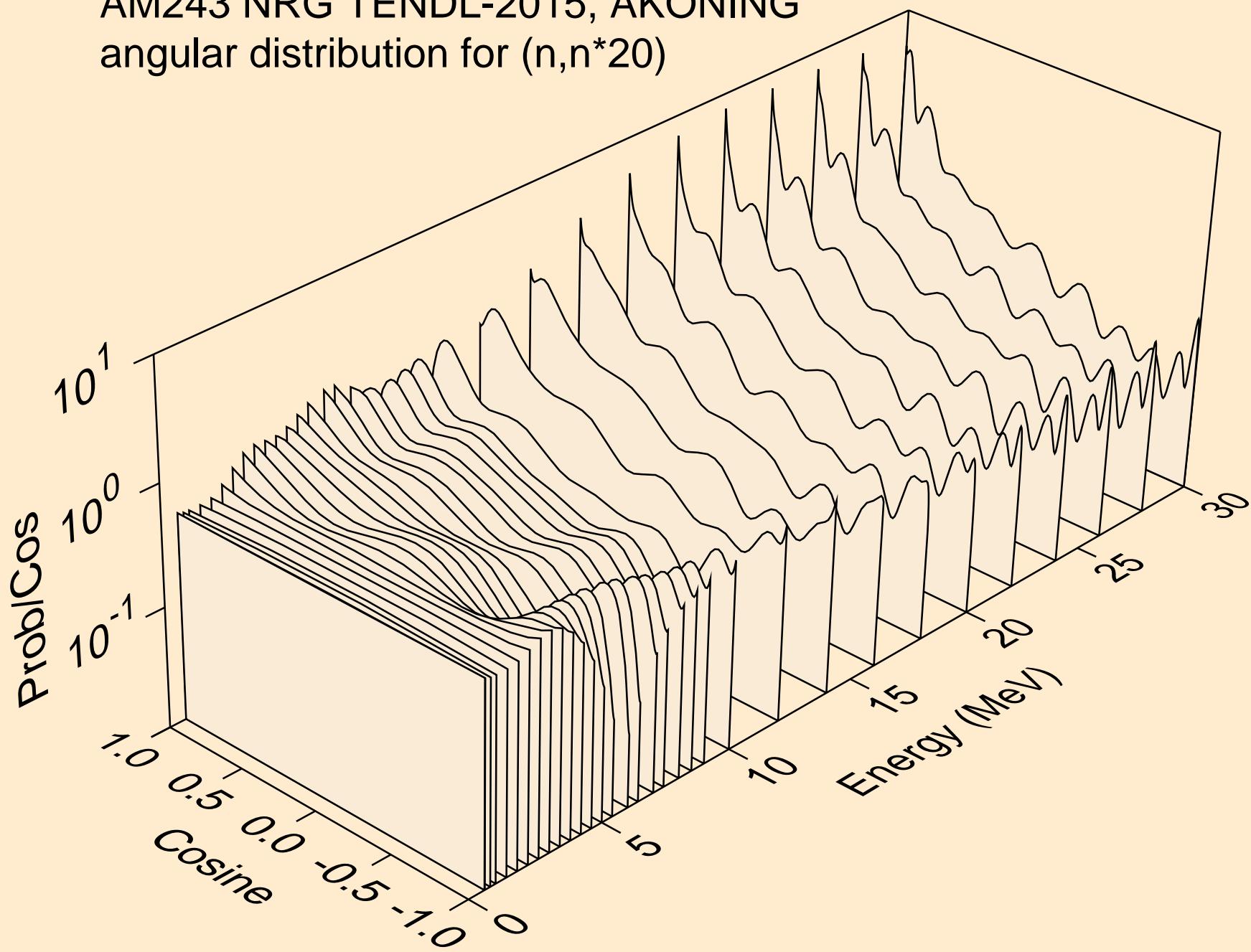
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*18)$



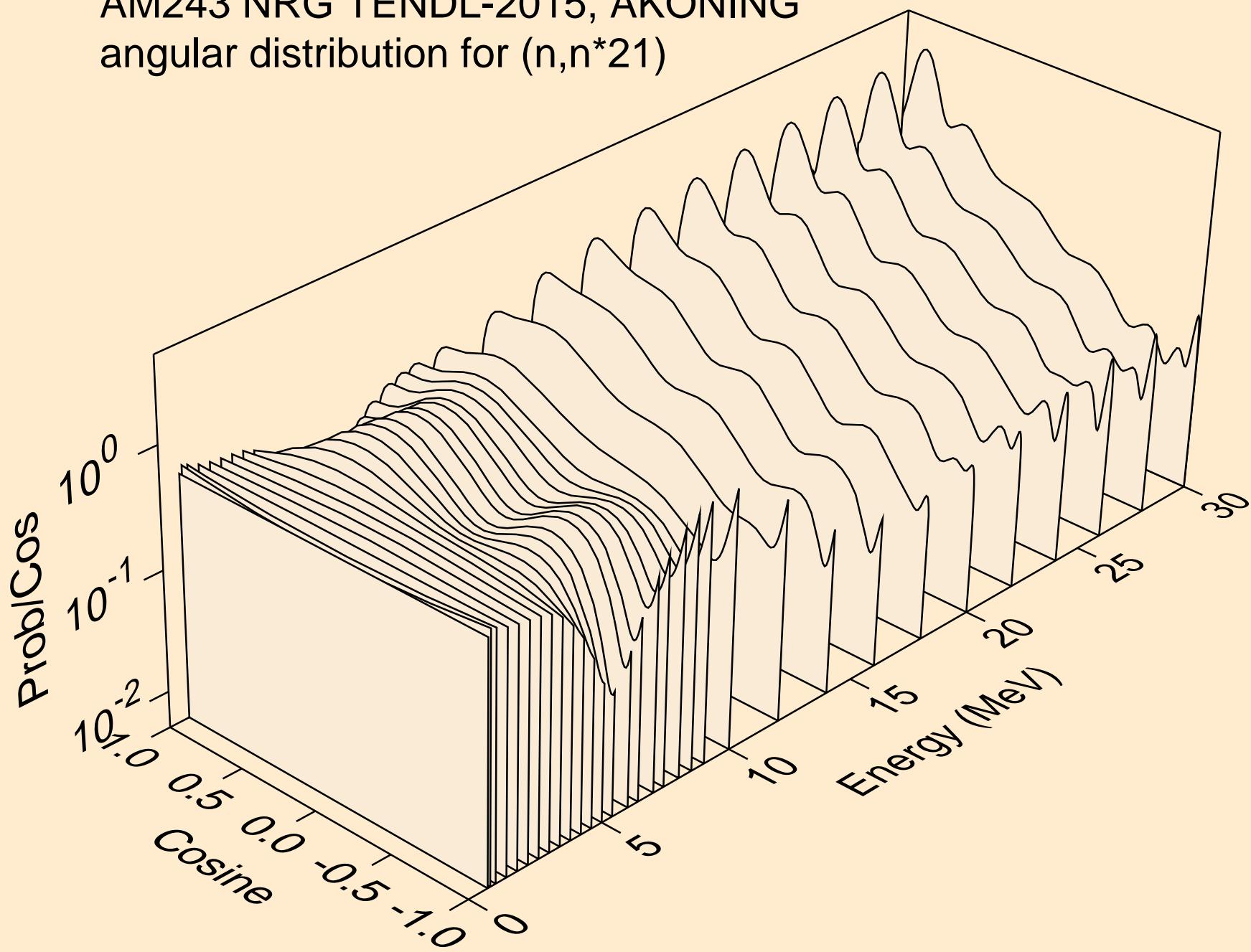
AM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



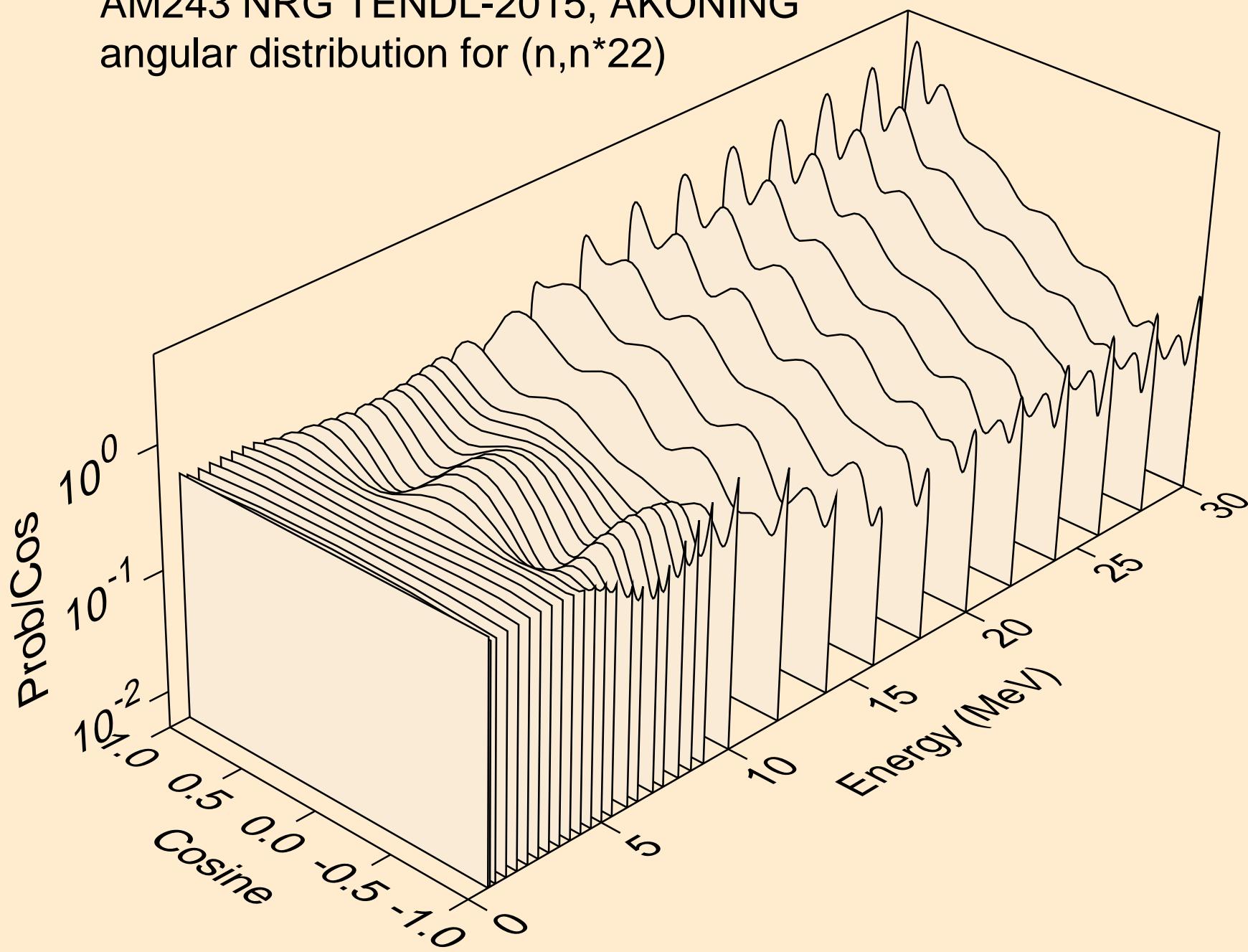
AM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



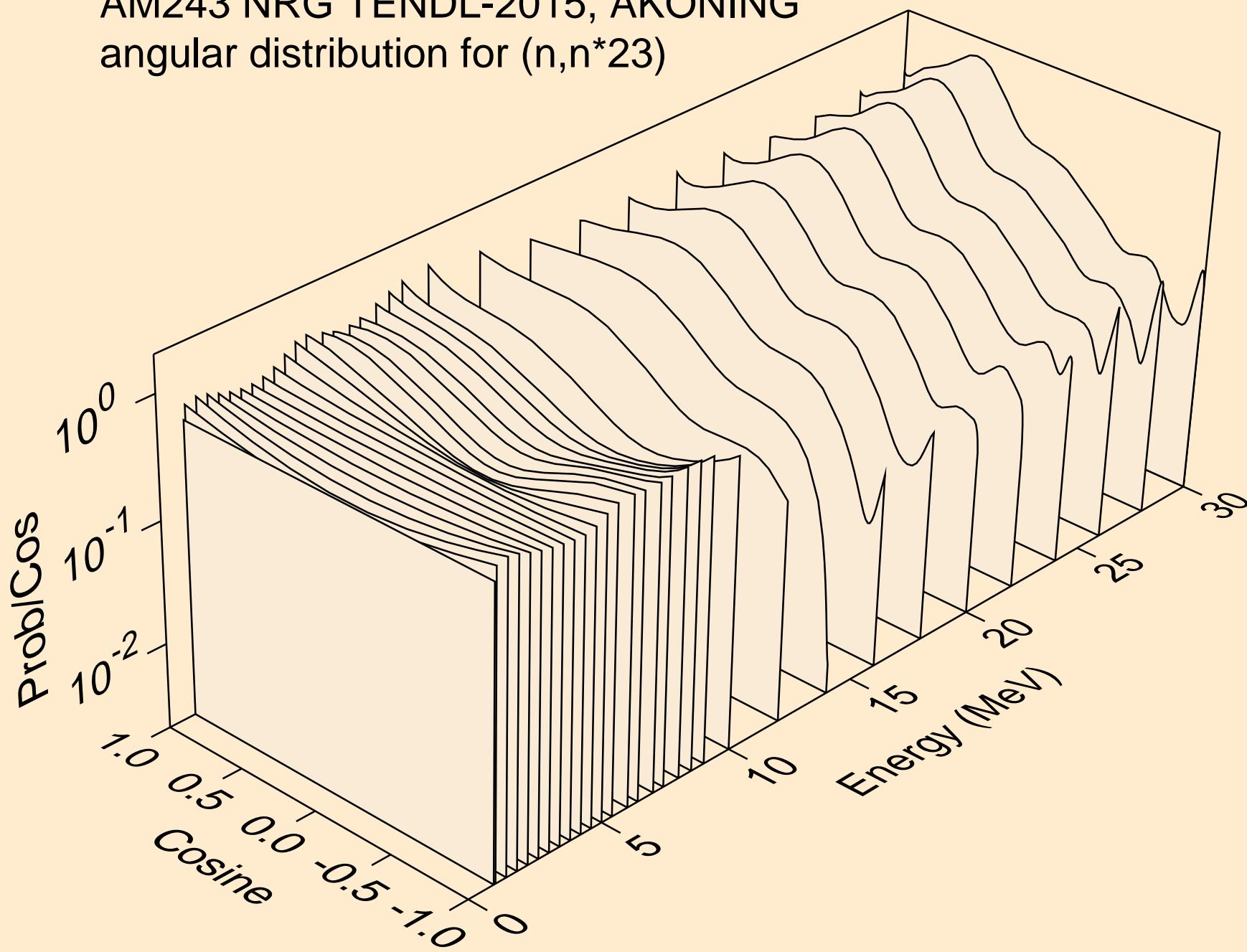
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*21)$



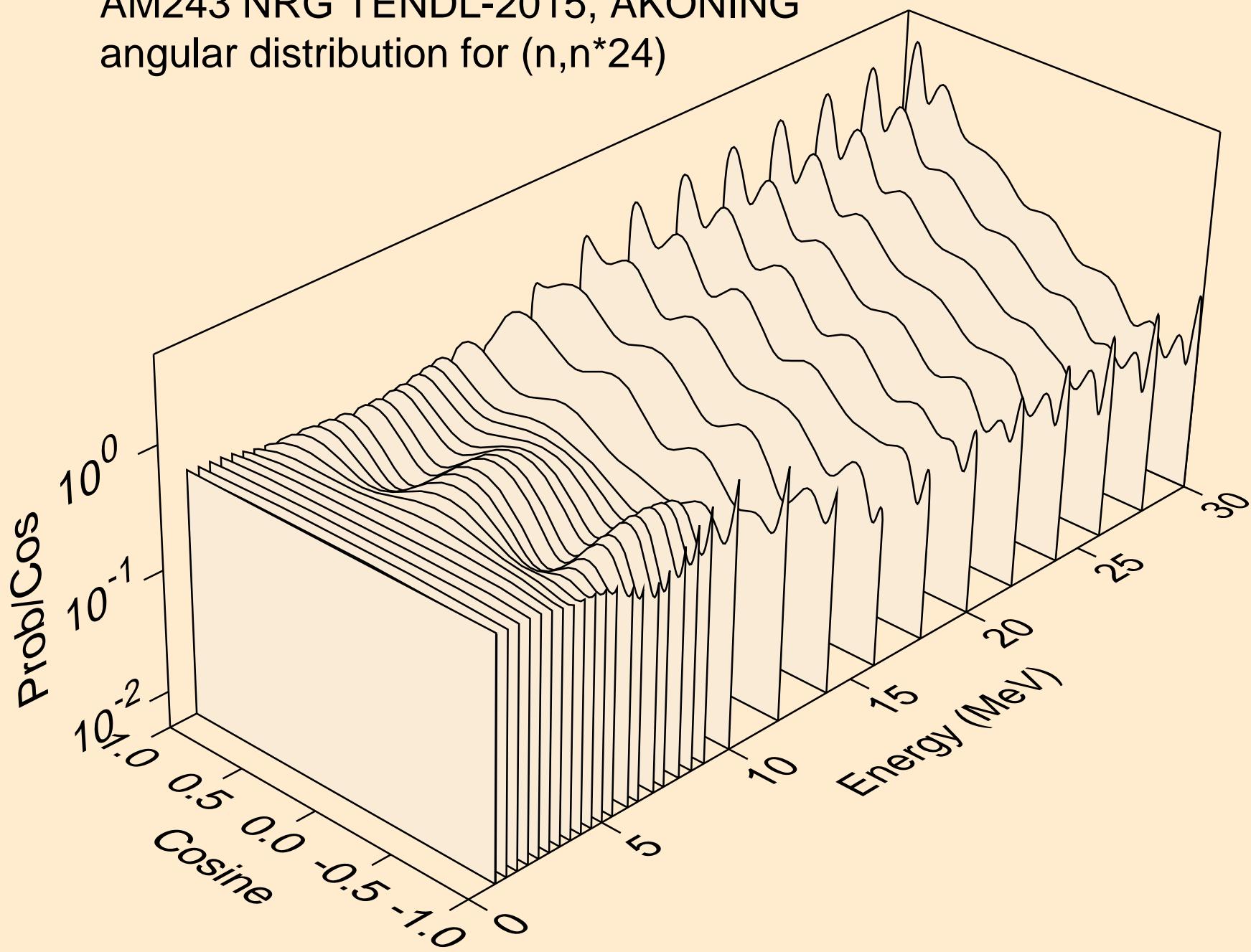
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{22}$



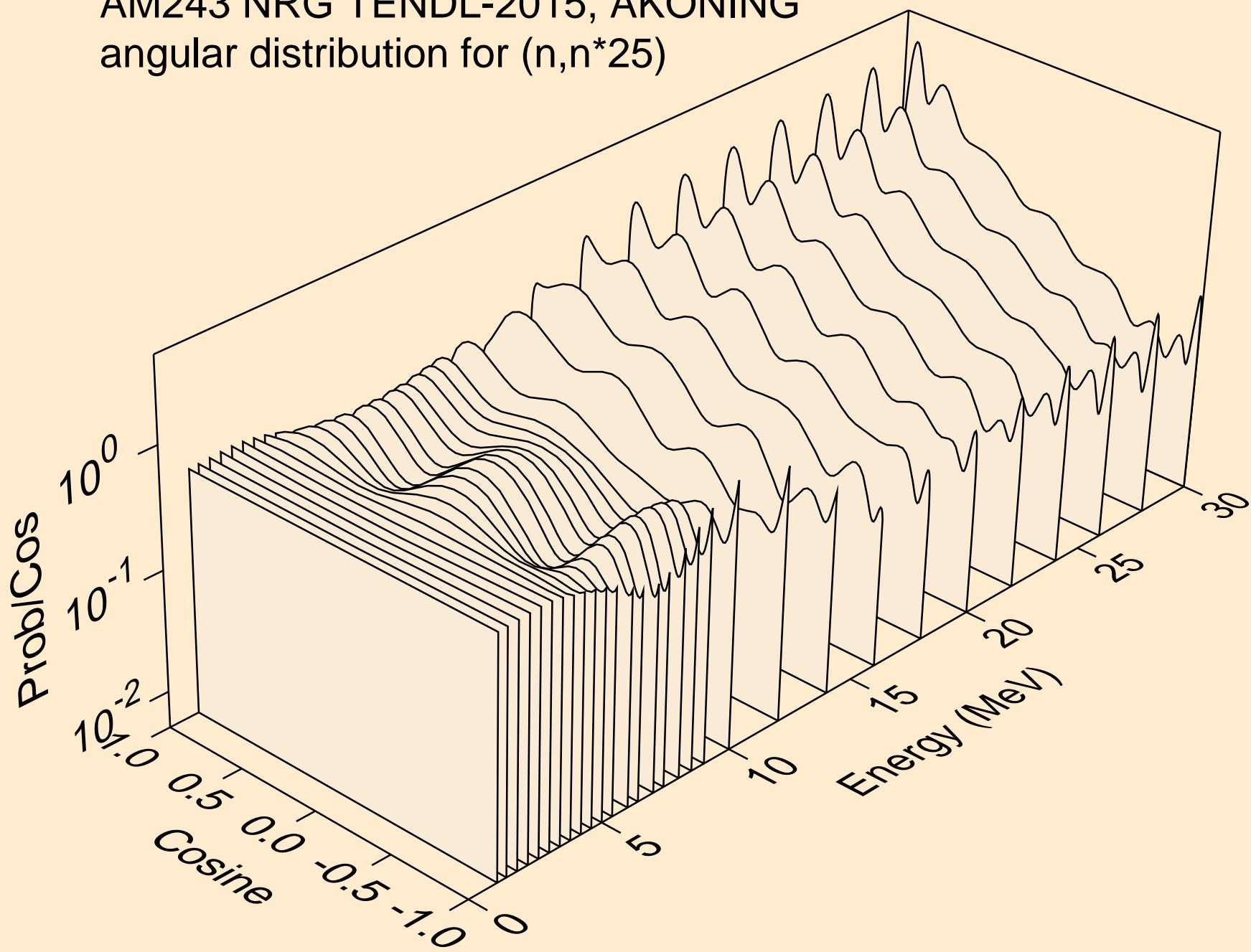
AM243 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )23



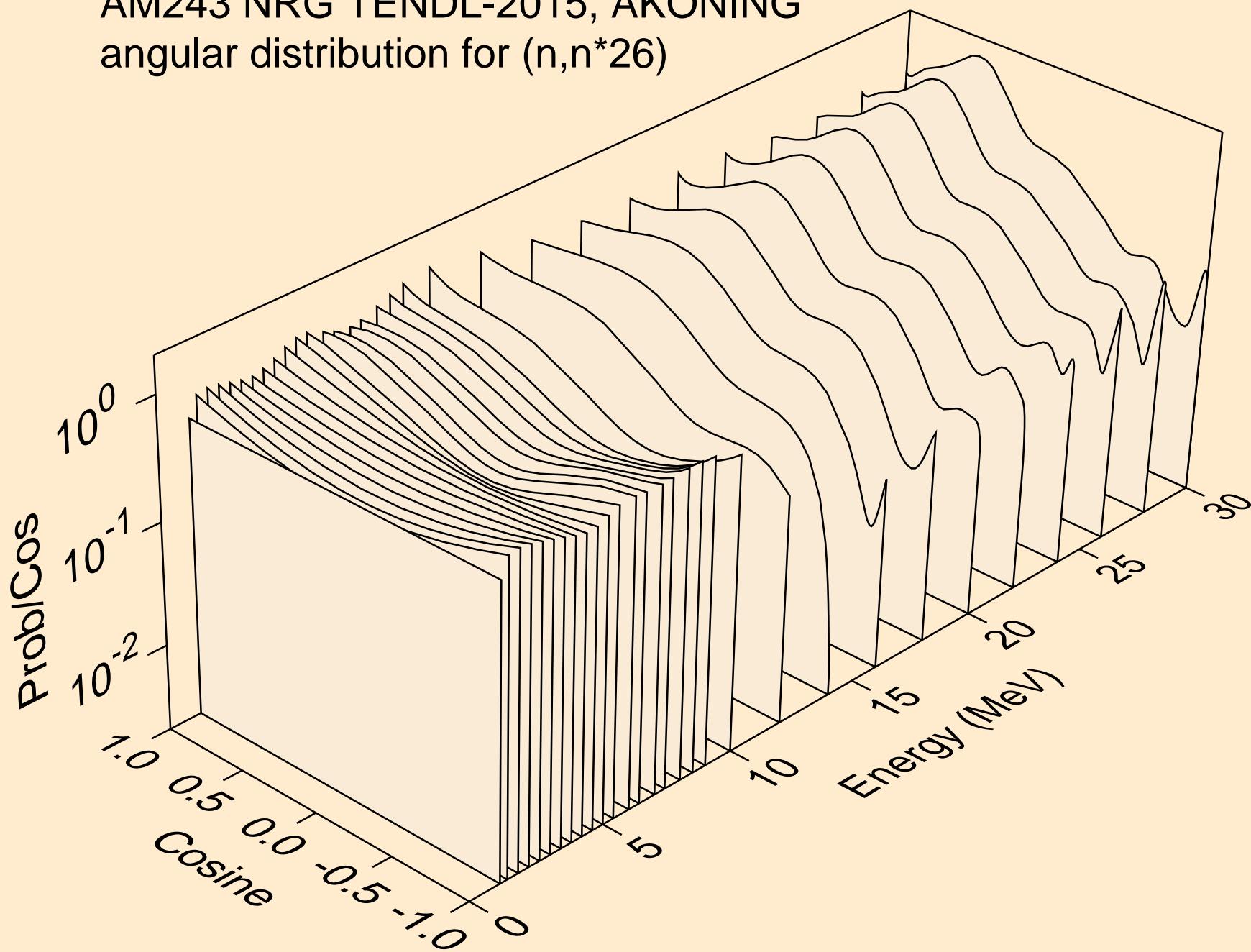
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*{}^{24})$



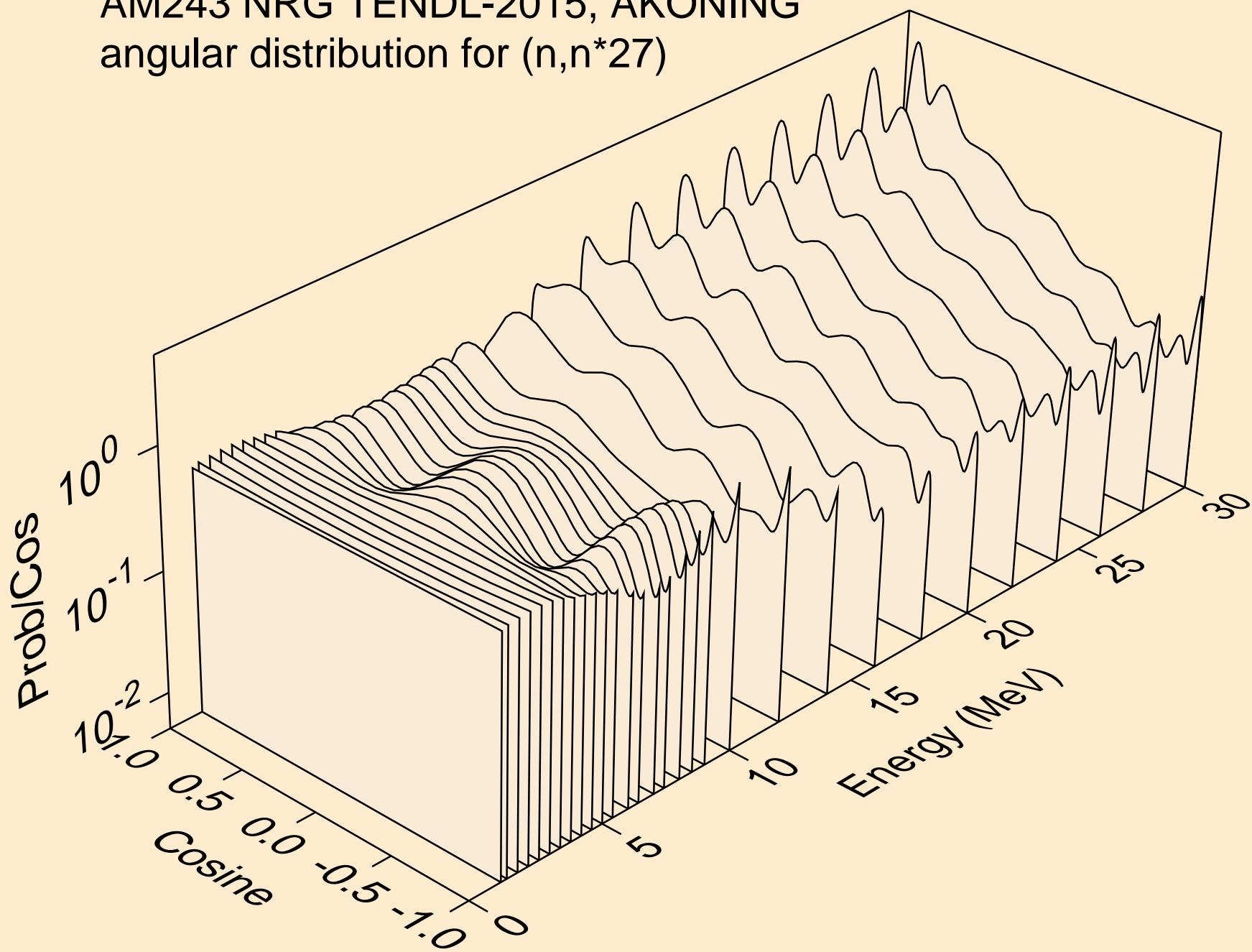
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{25}$



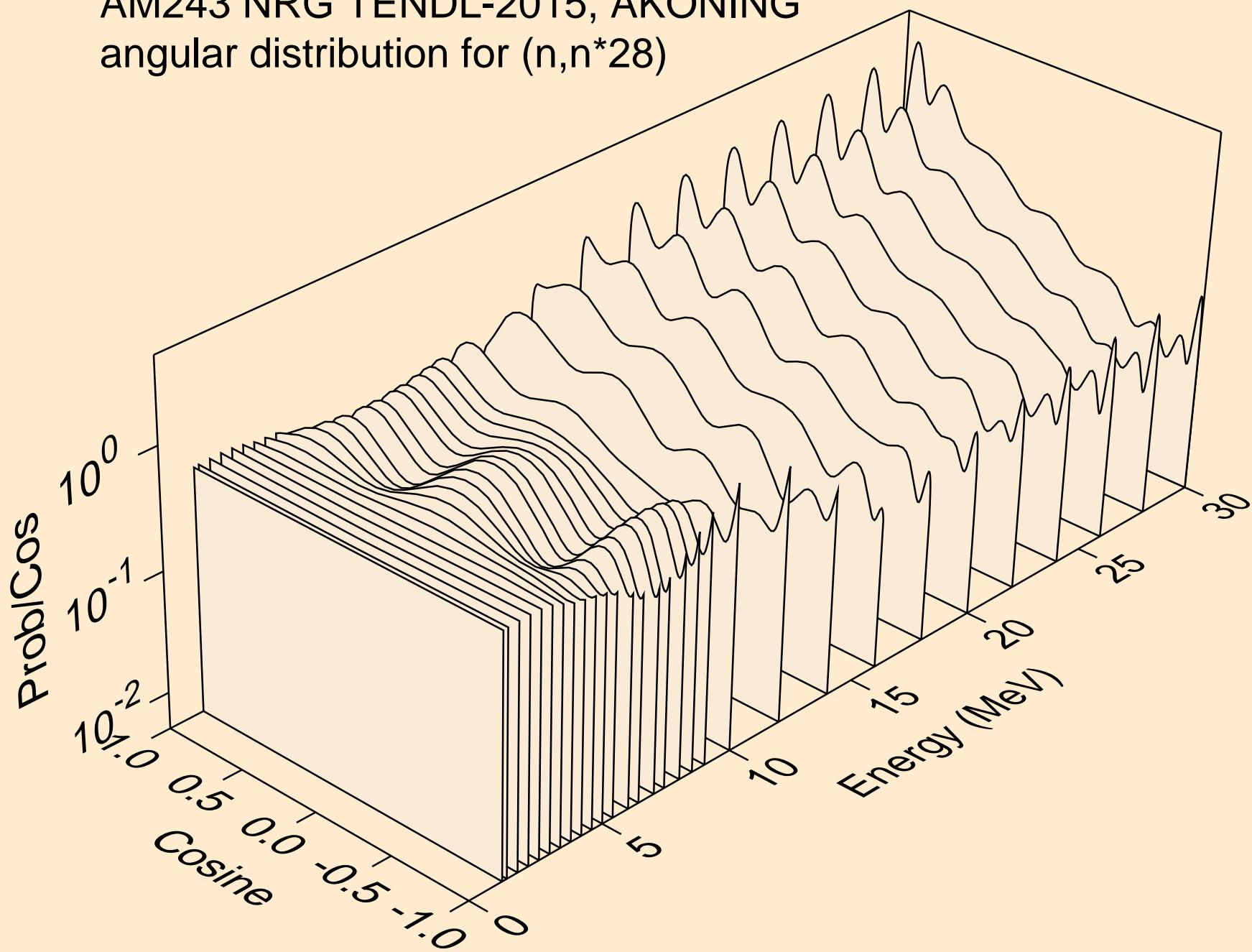
AM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



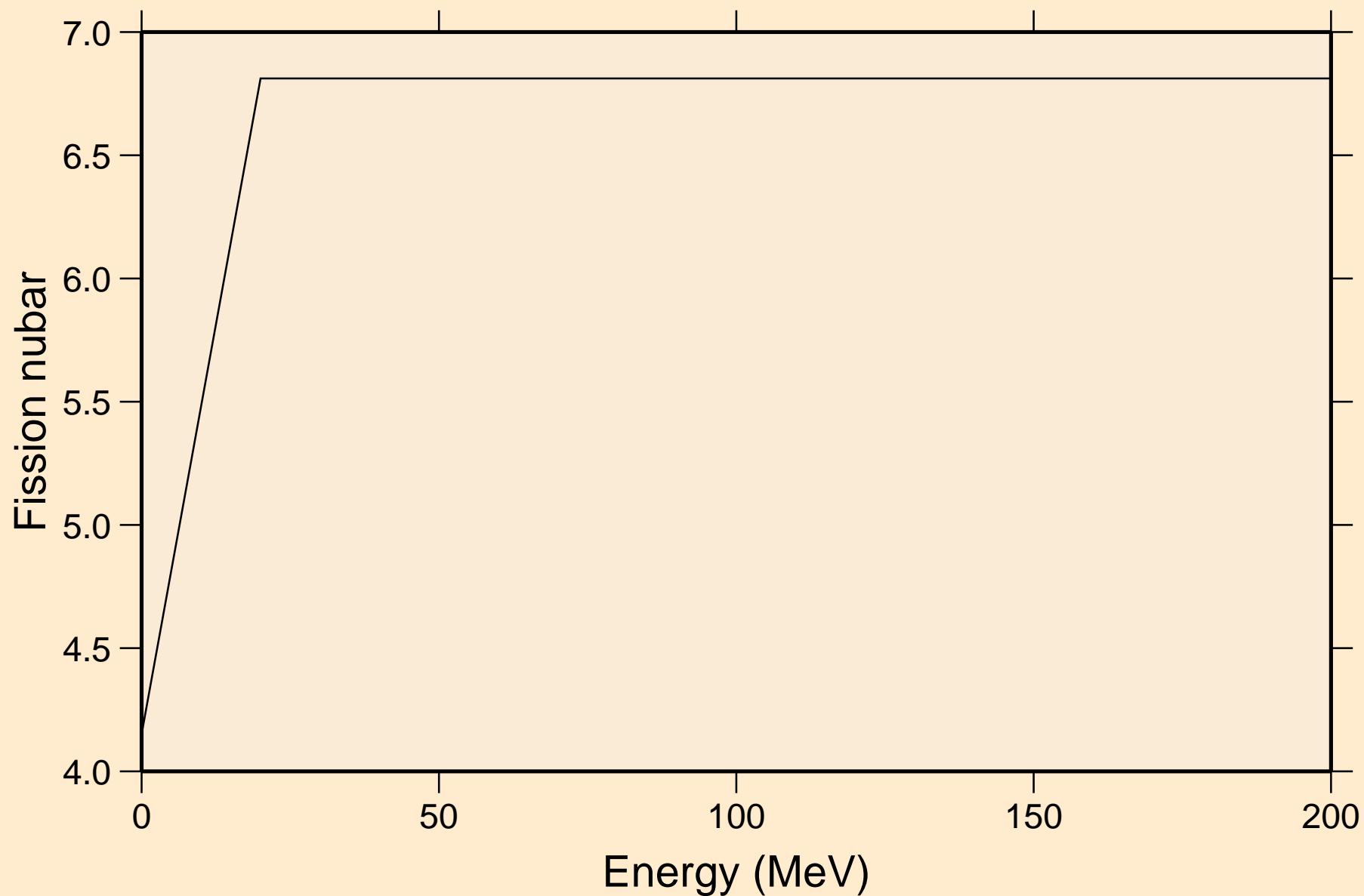
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*27)$



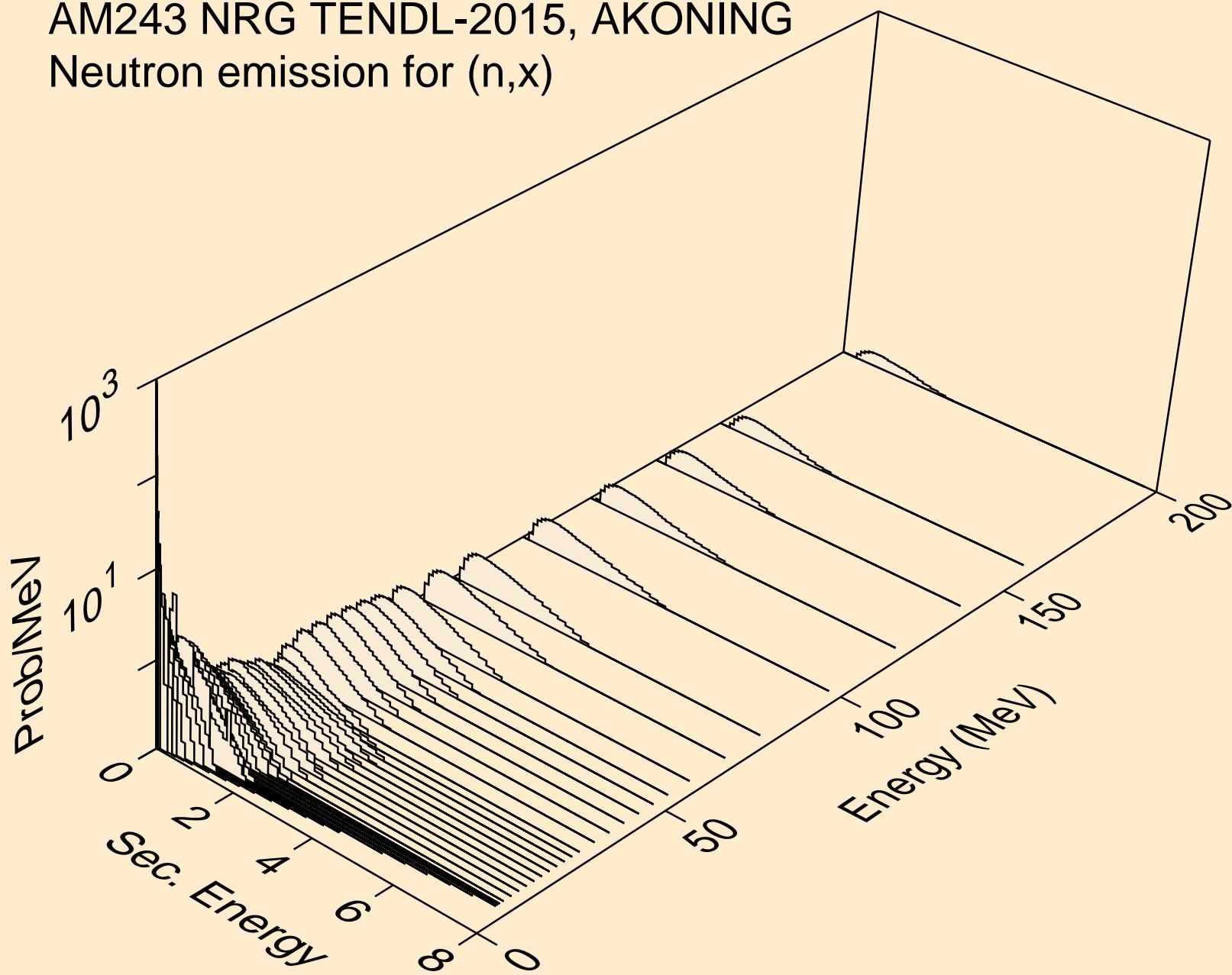
AM243 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{28}$



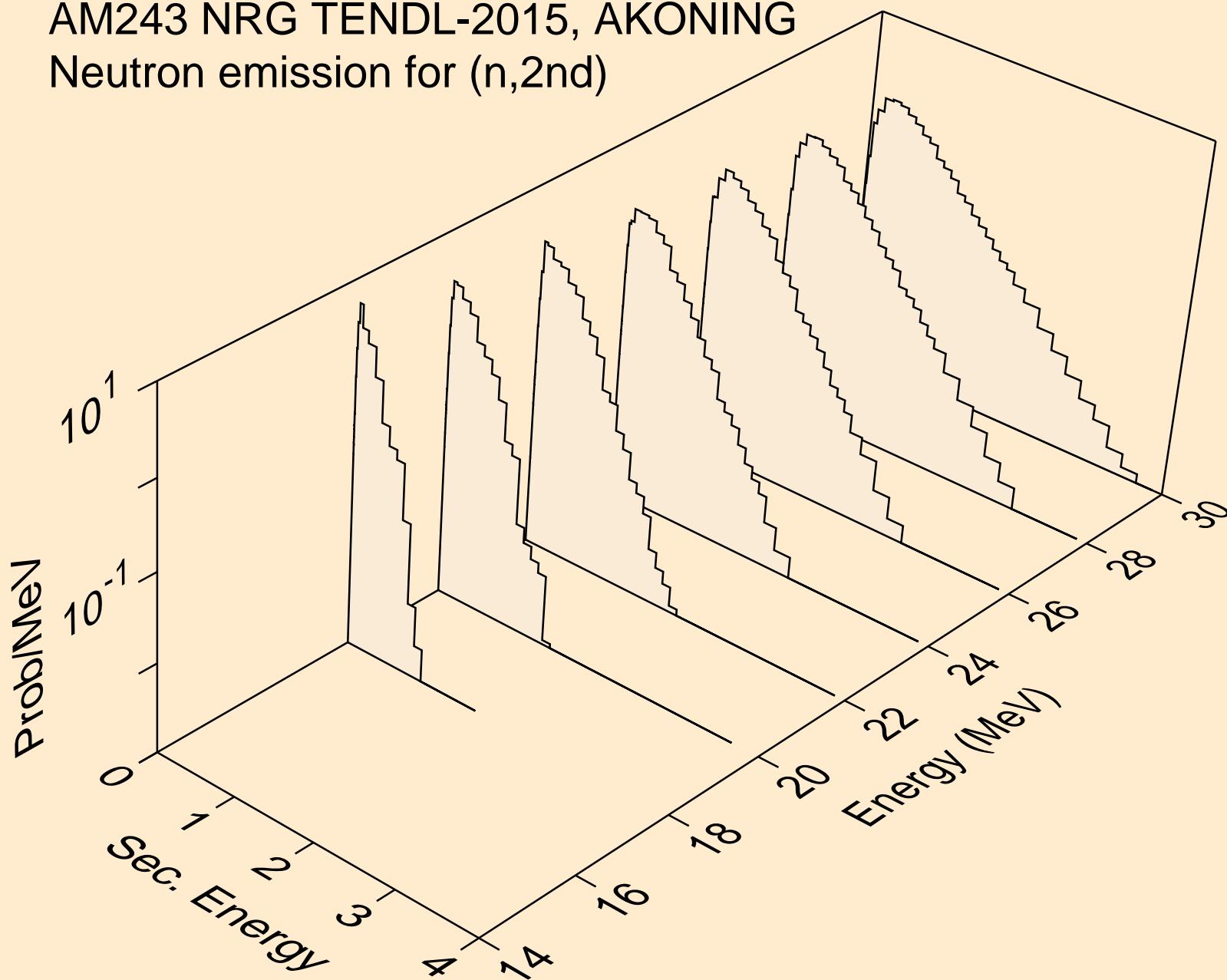
AM243 NRG TENDL-2015, AKONING  
Total fission nubar



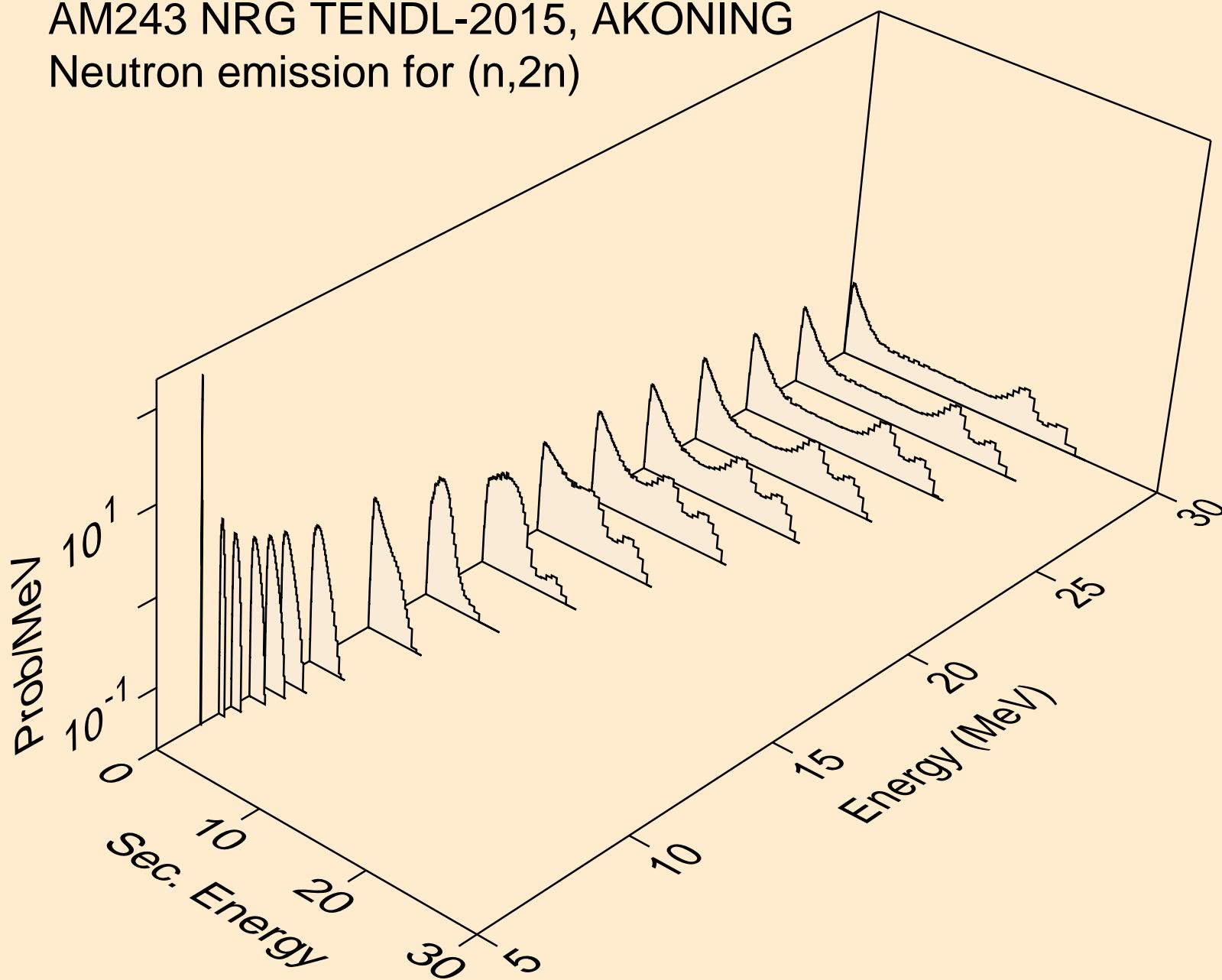
AM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



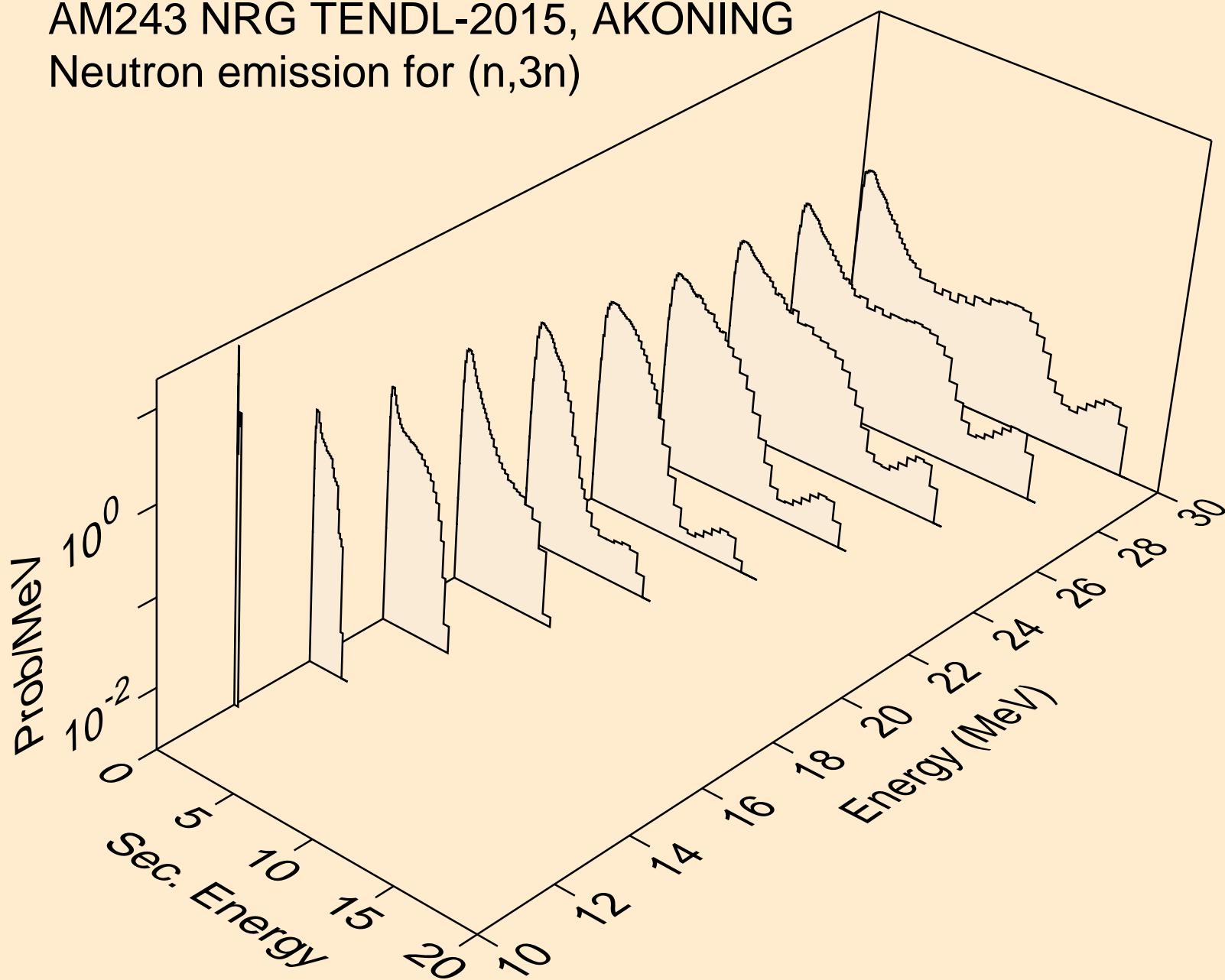
AM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



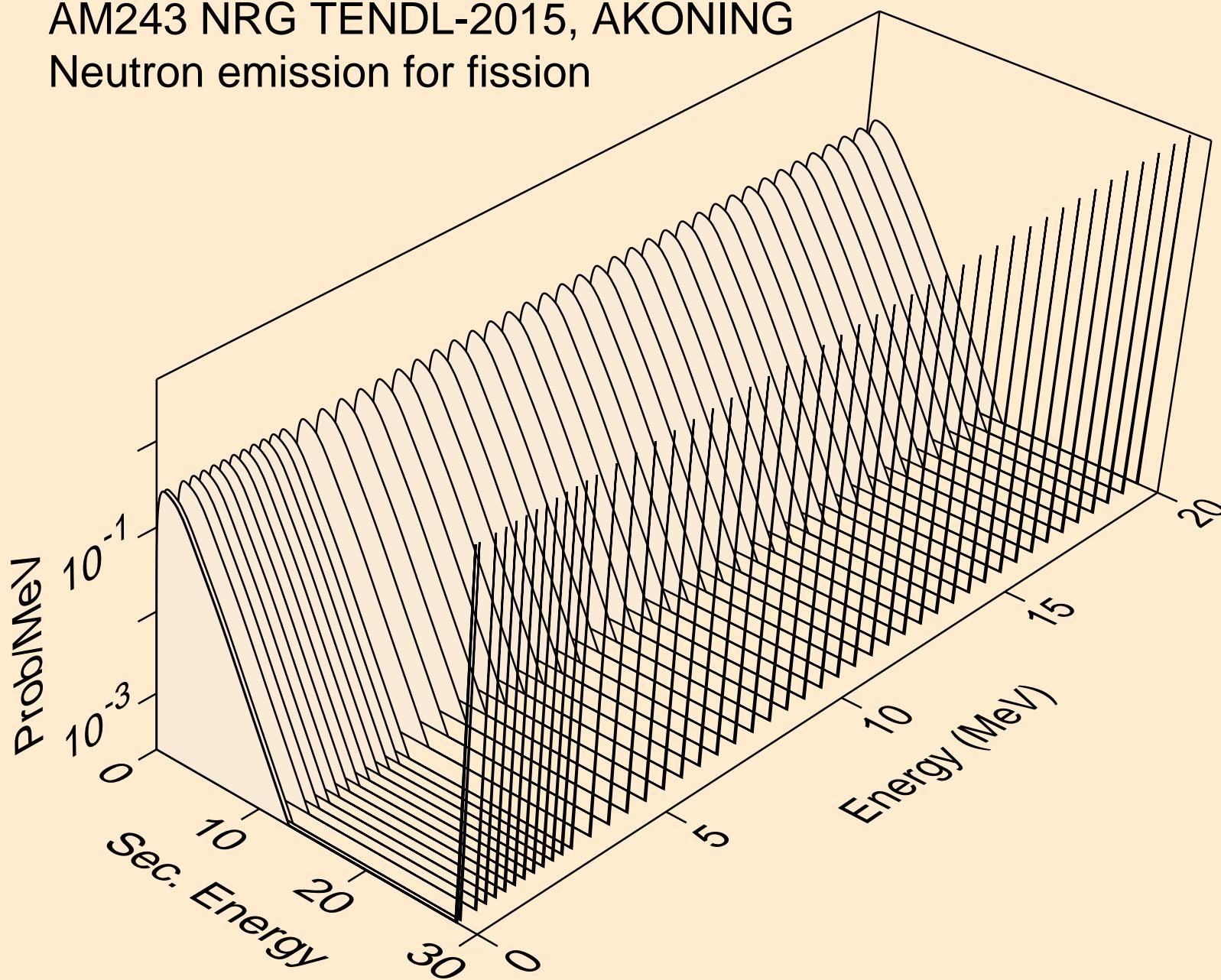
AM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



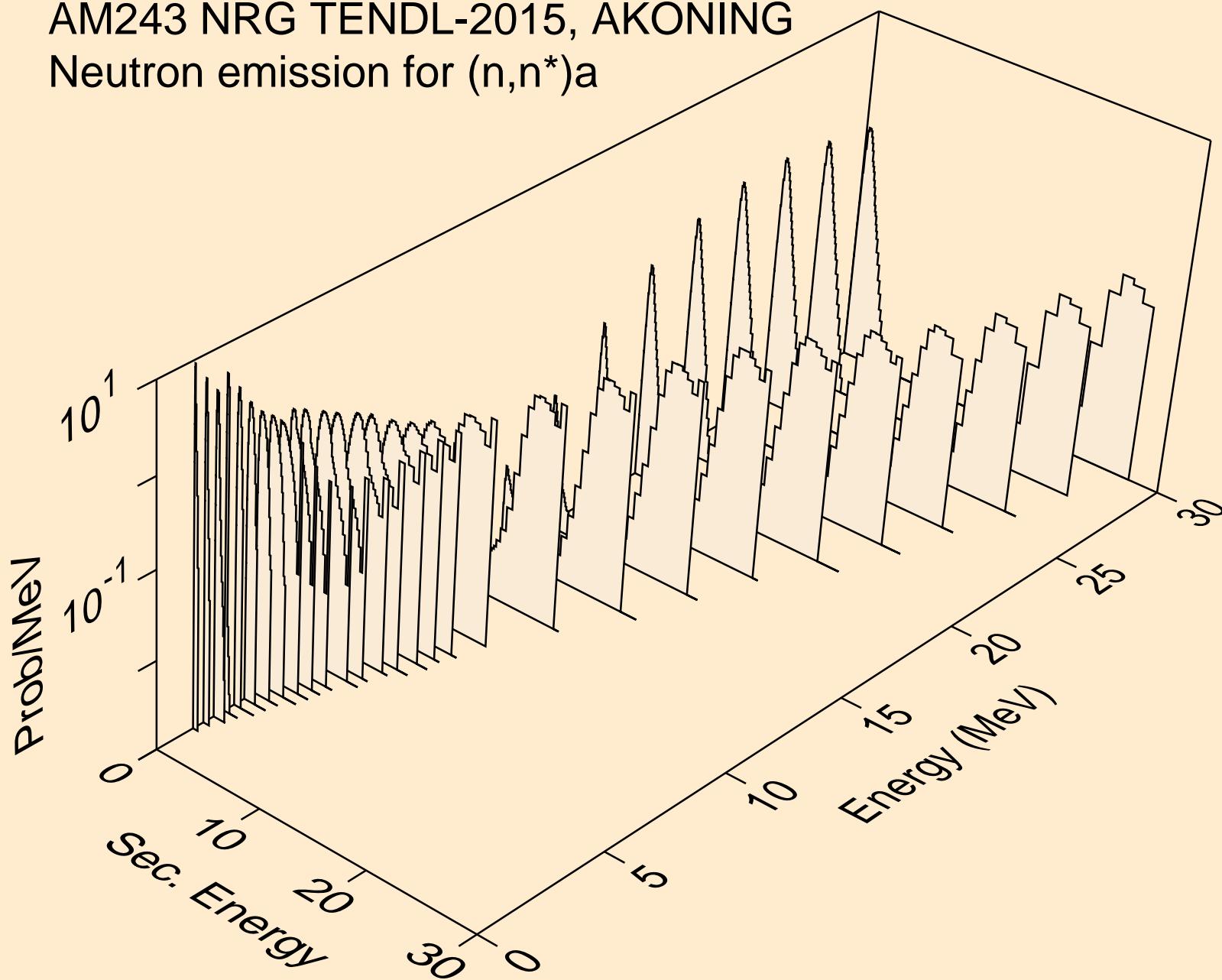
AM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



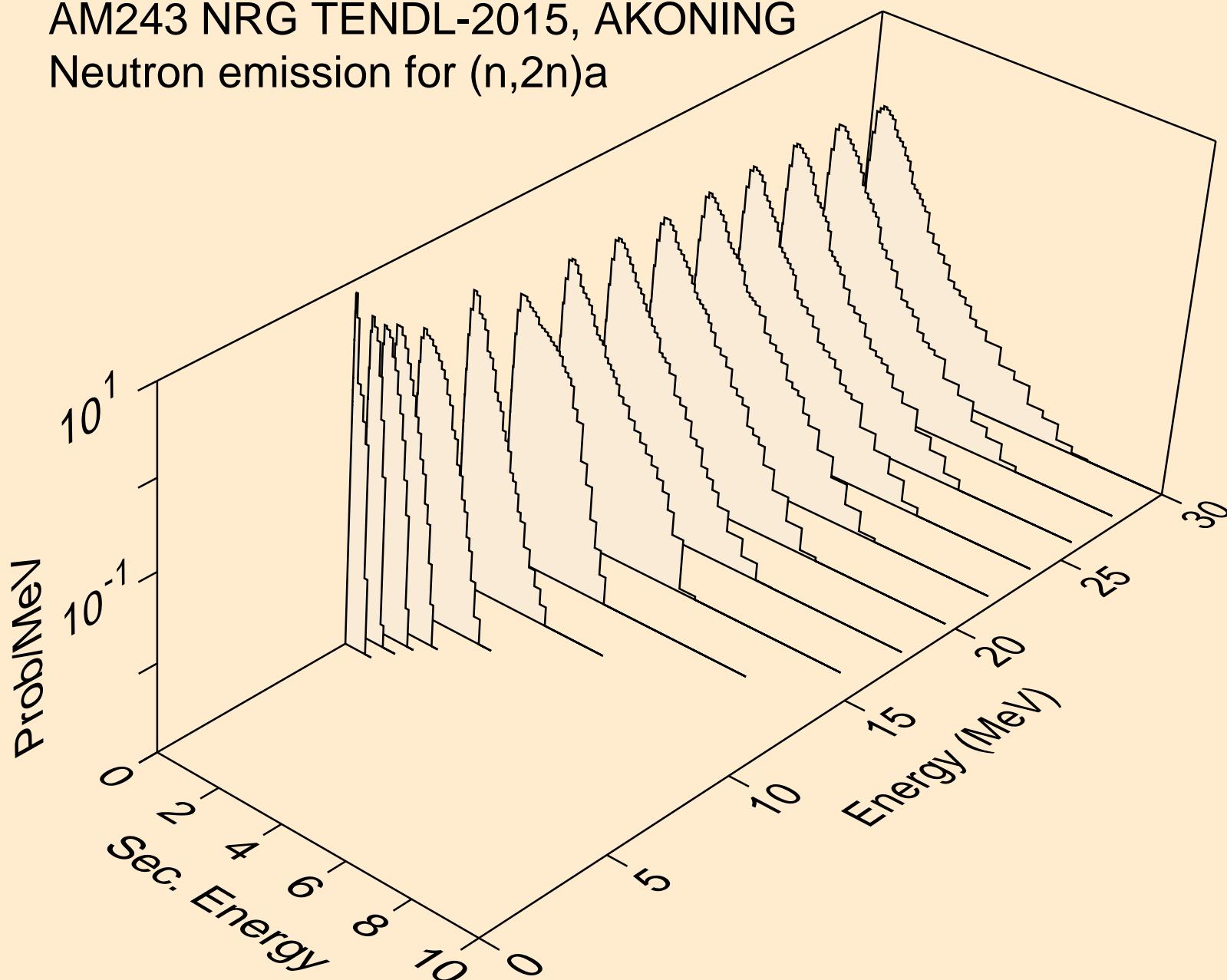
AM243 NRG TENDL-2015, AKONING  
Neutron emission for fission



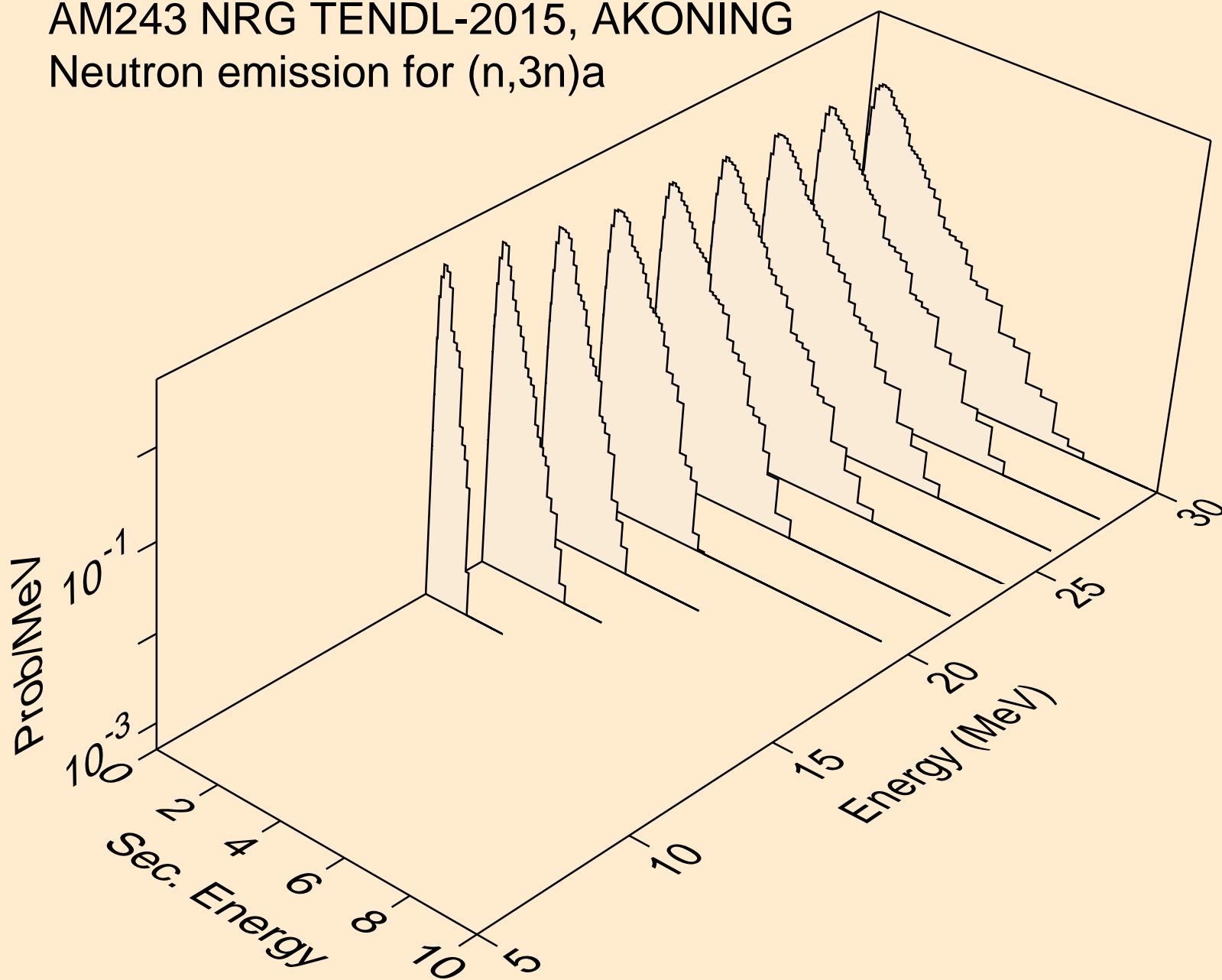
AM243 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



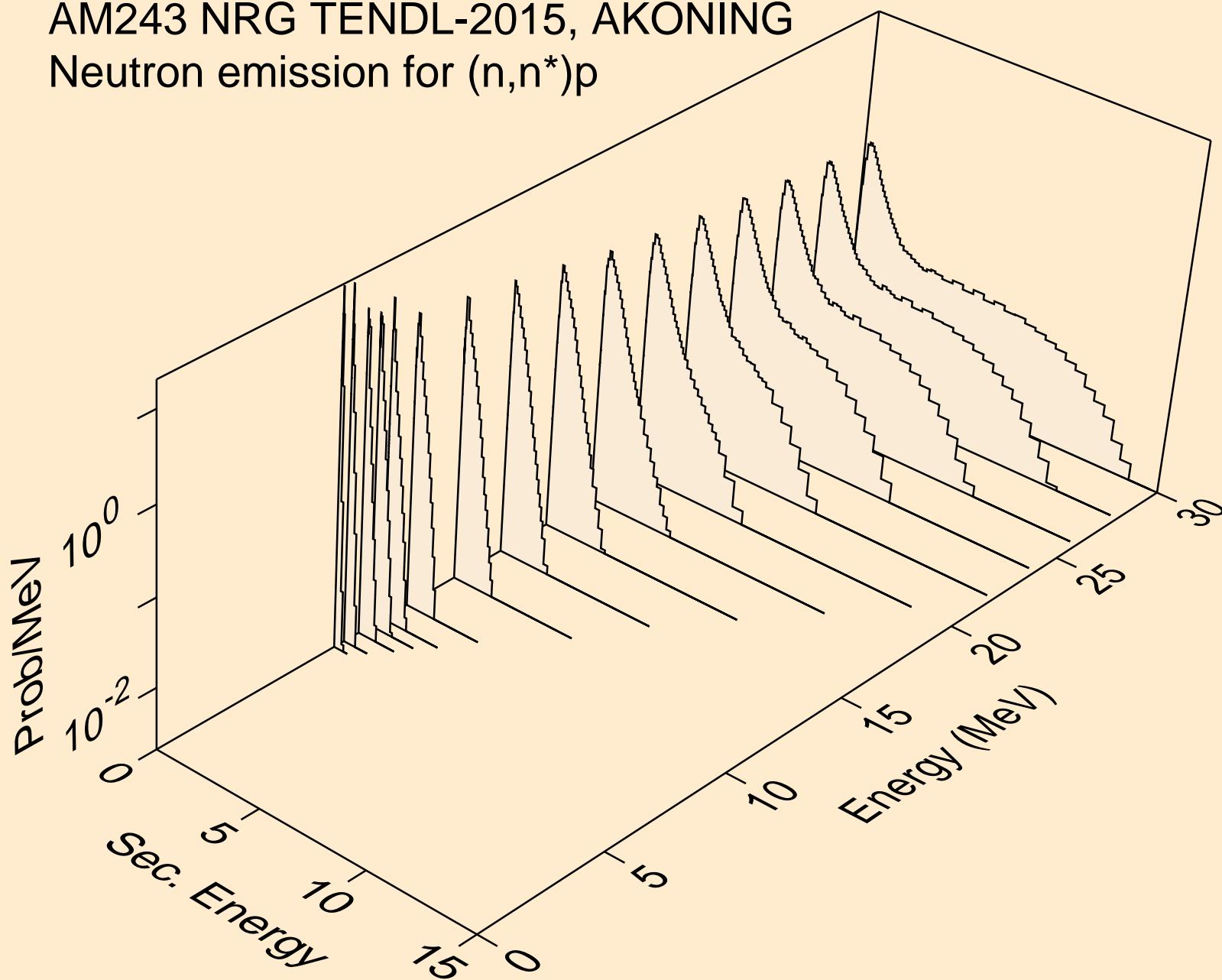
AM243 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



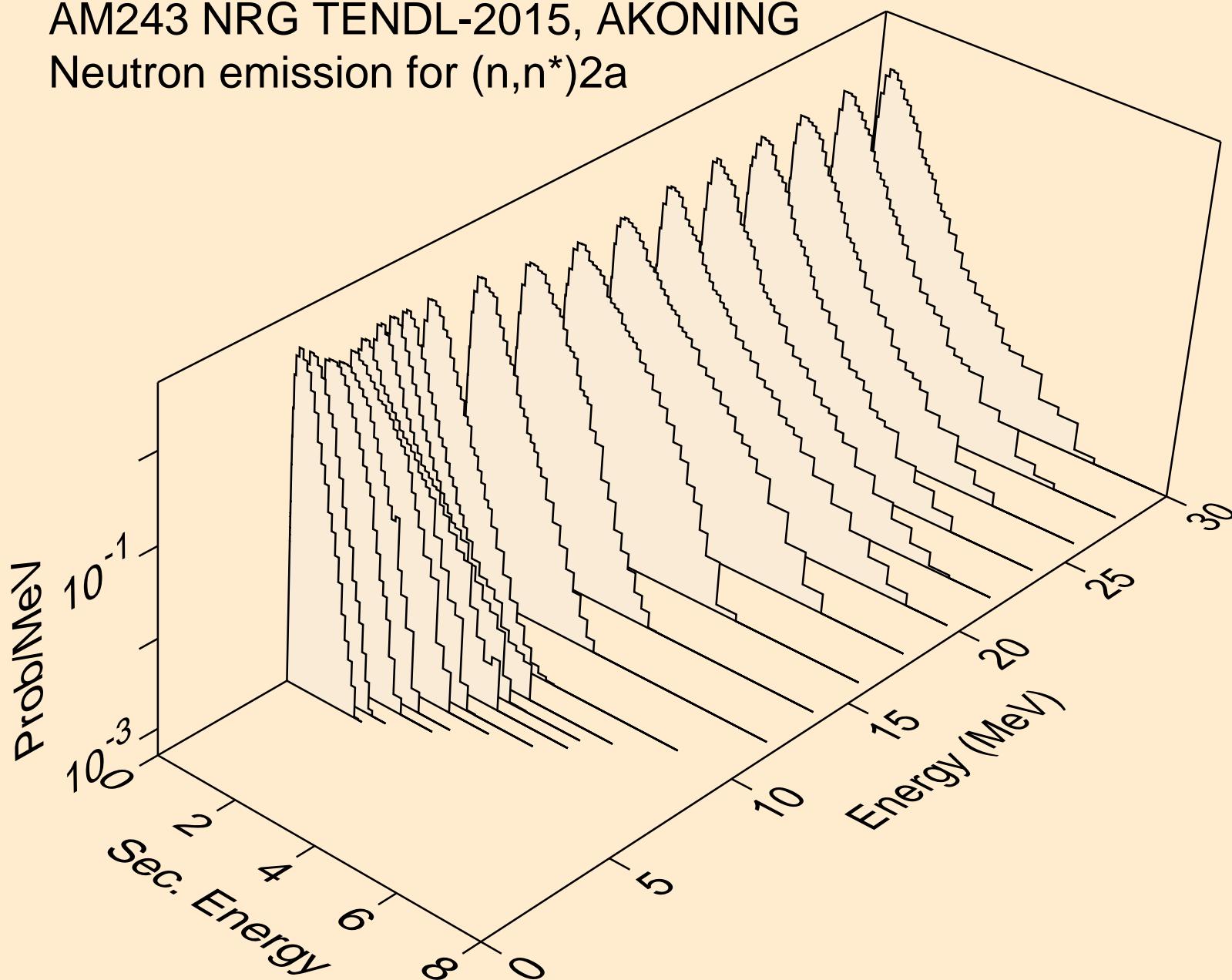
AM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



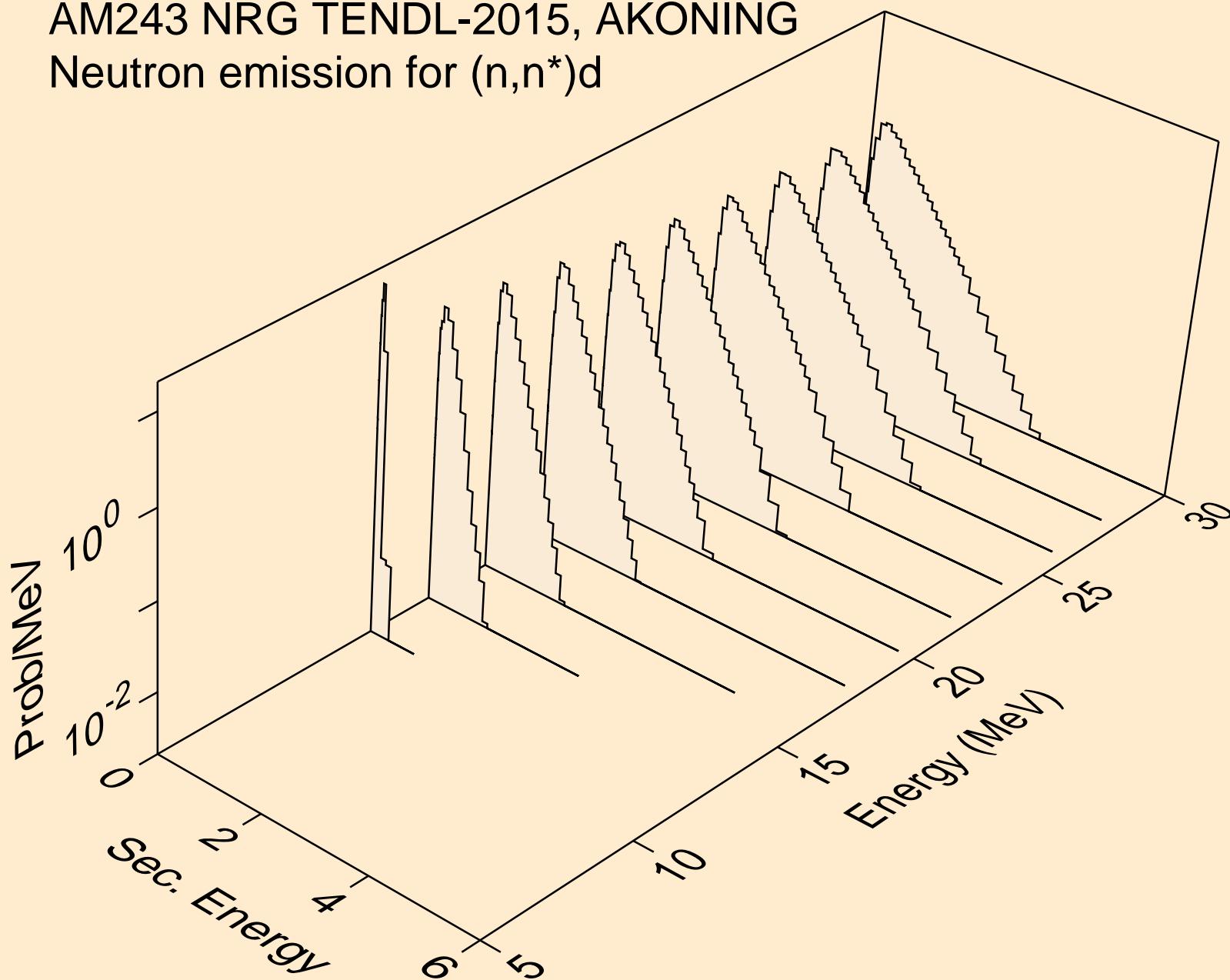
AM243 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



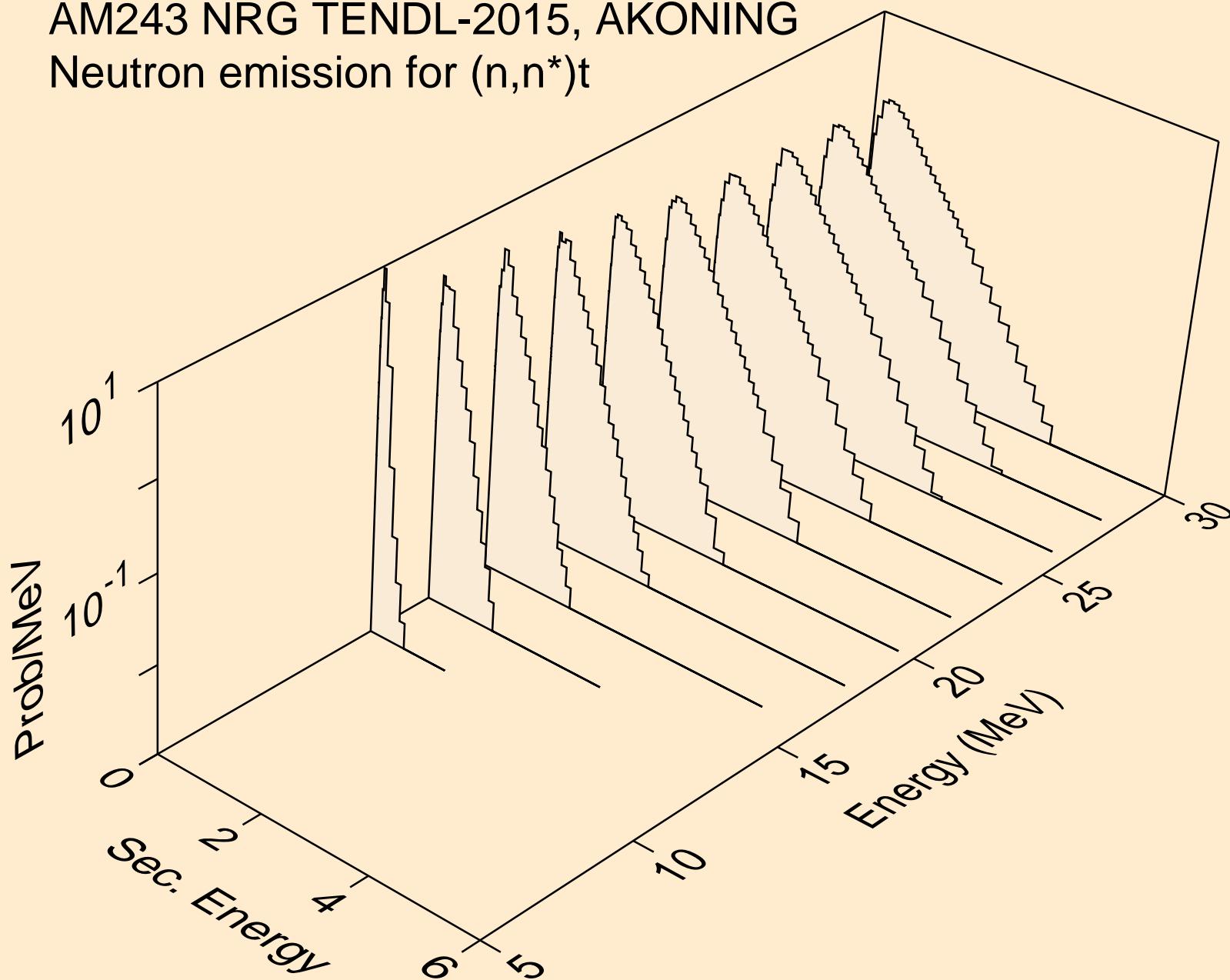
AM243 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



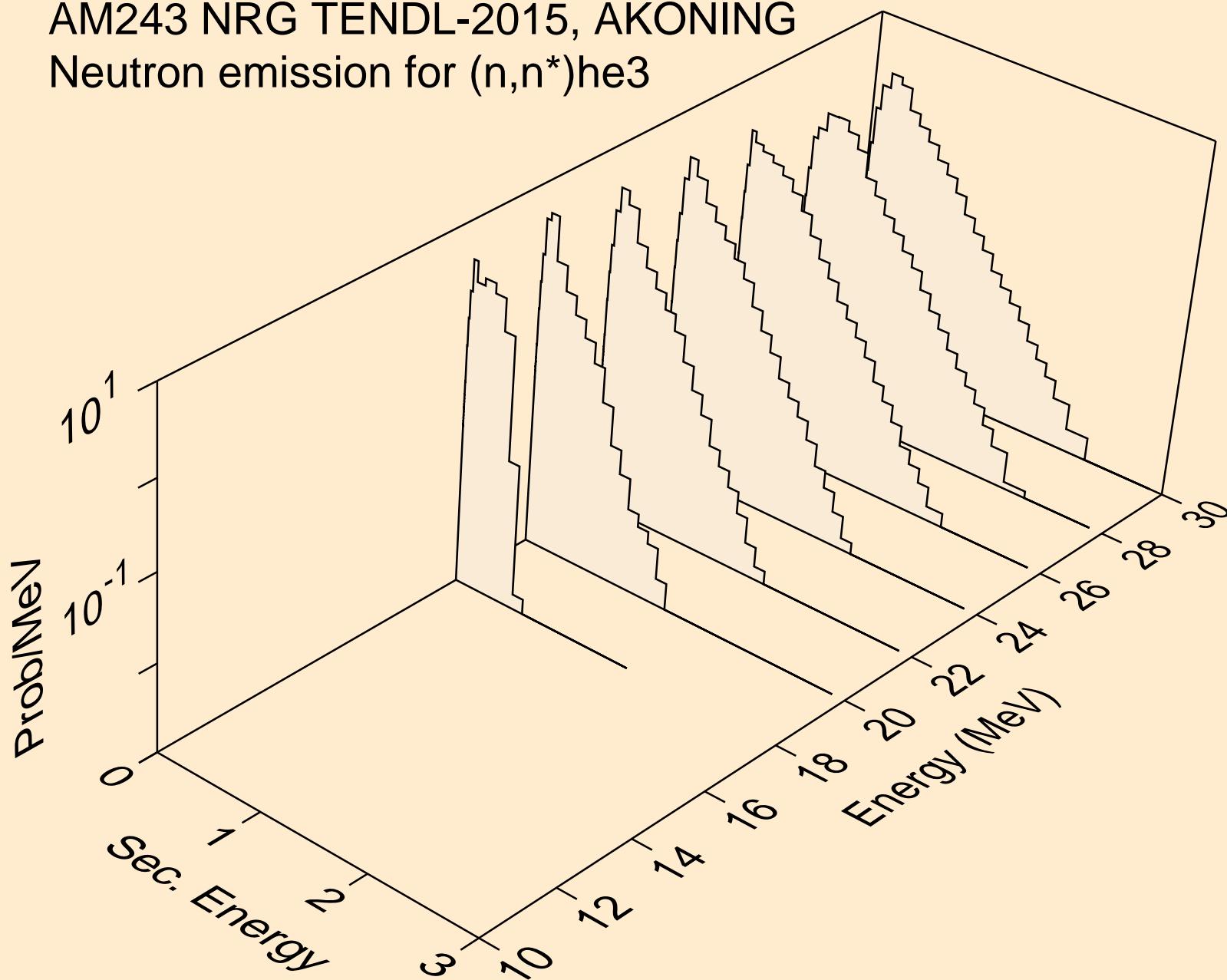
AM243 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



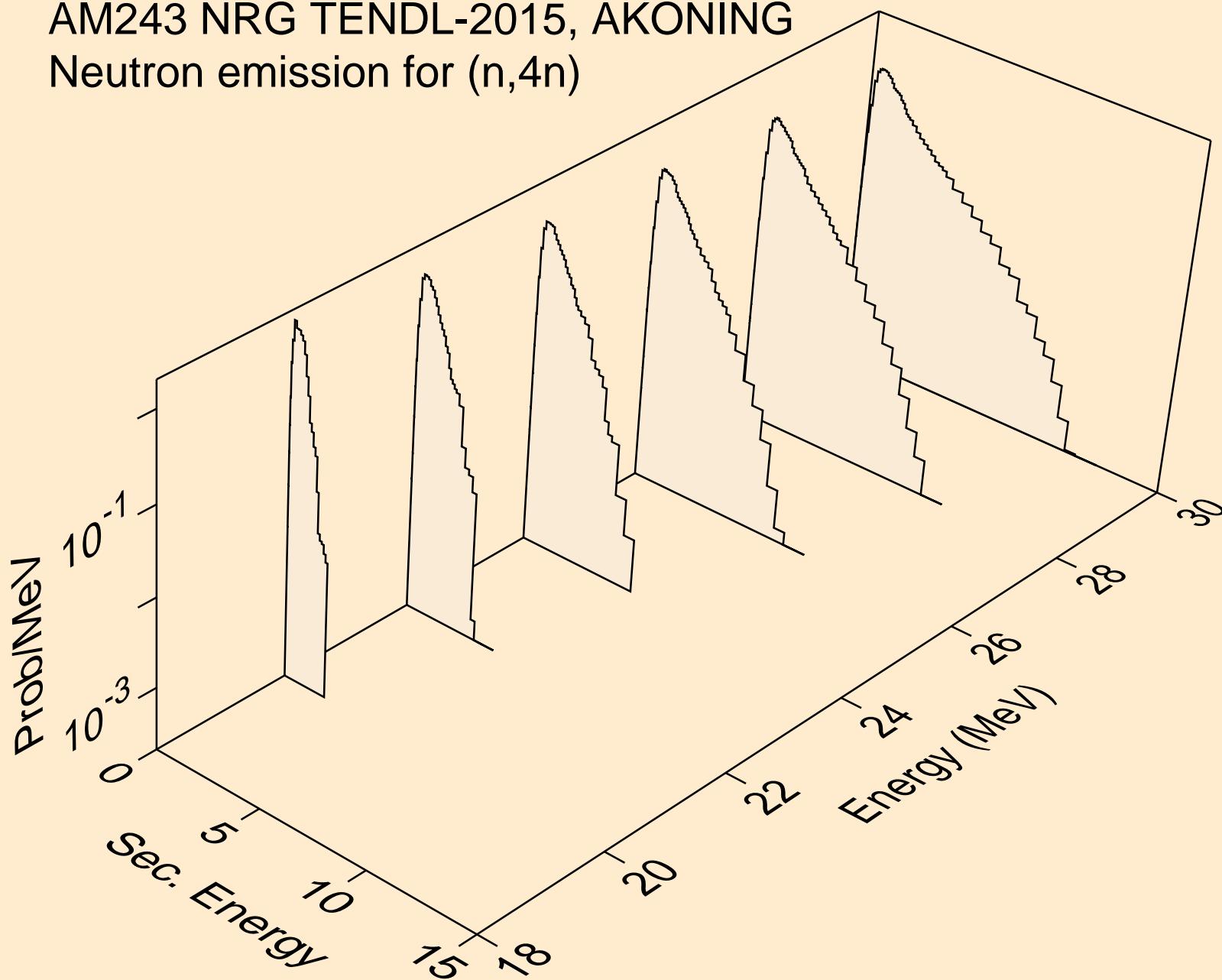
AM243 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



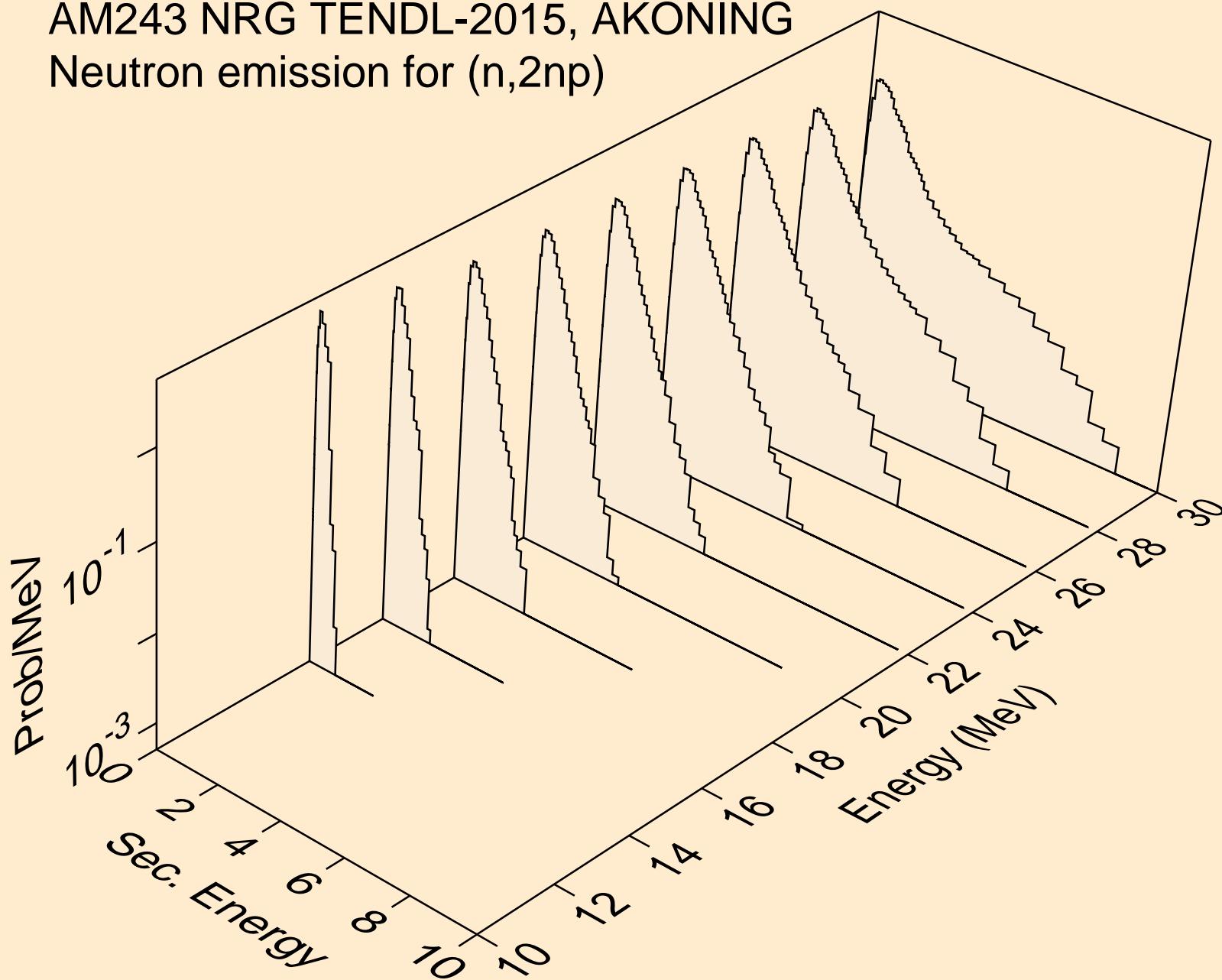
AM243 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



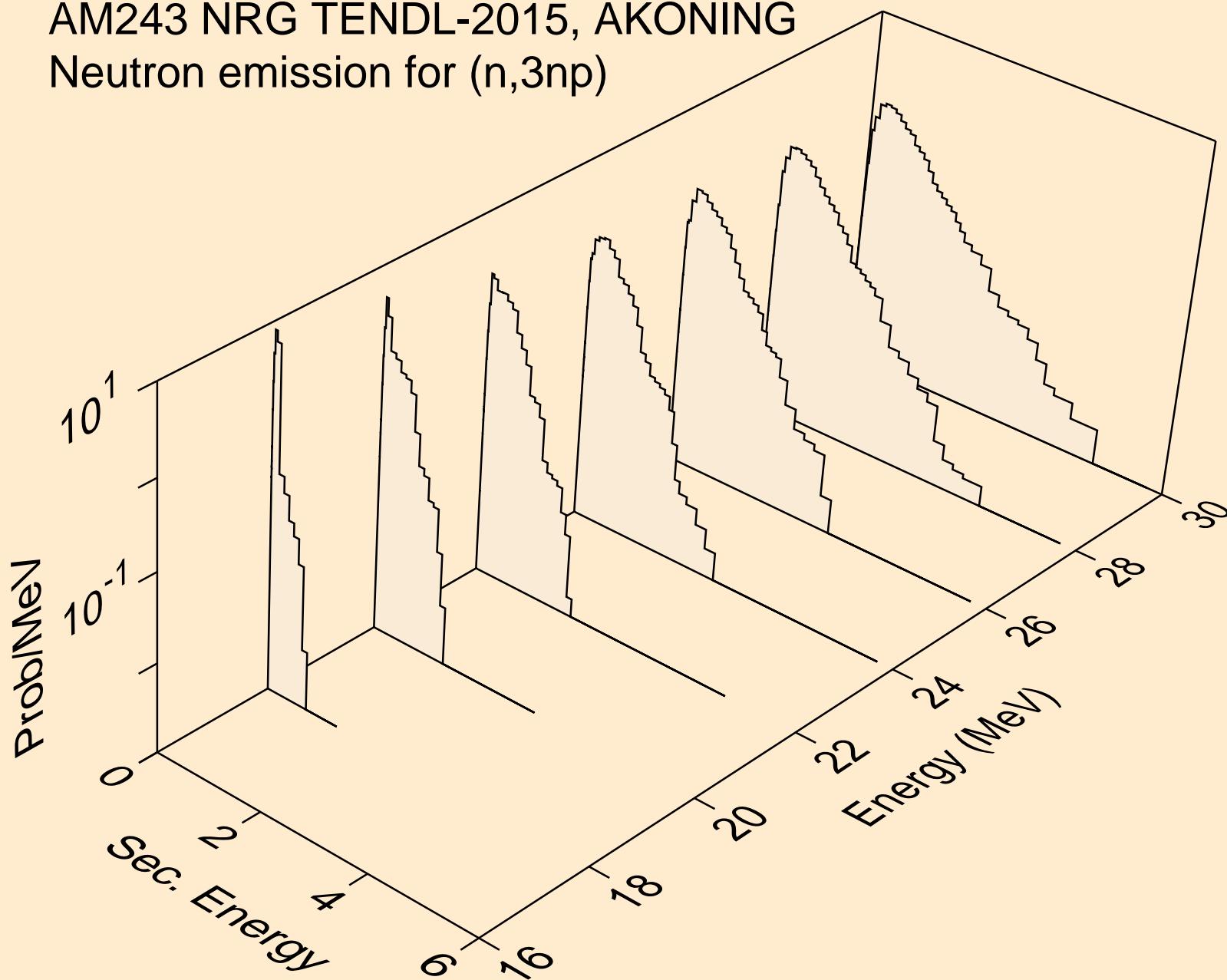
AM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



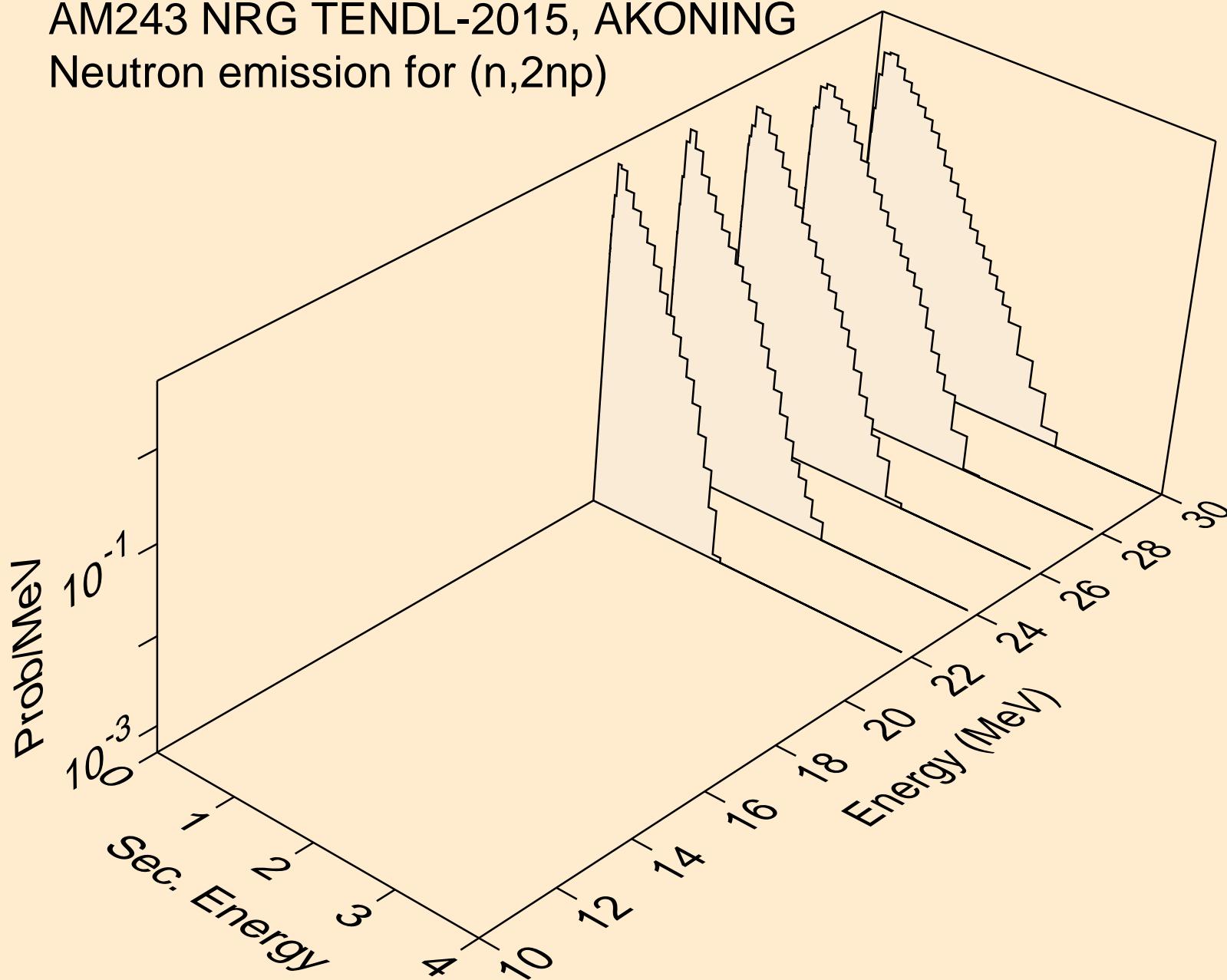
AM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



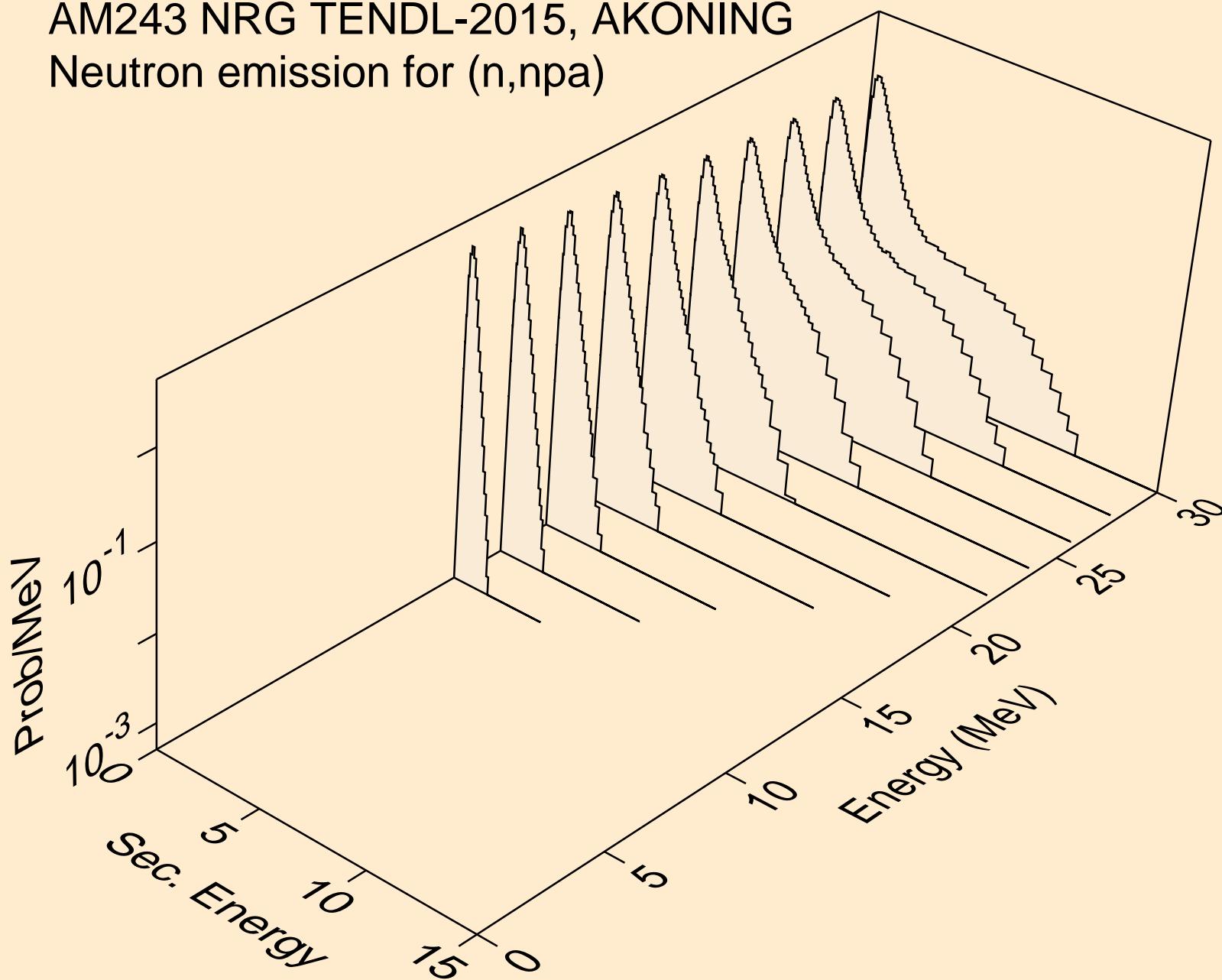
AM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



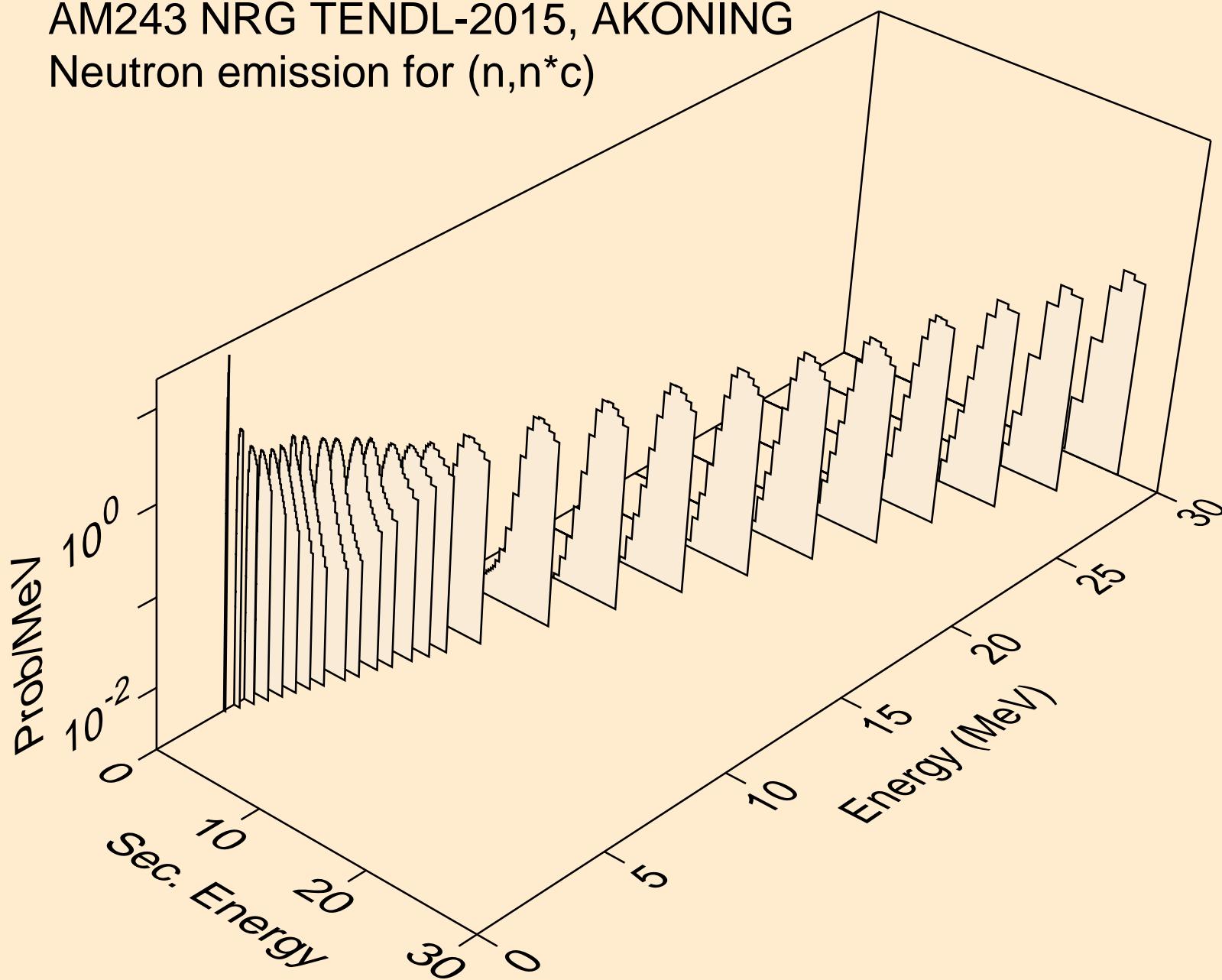
AM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



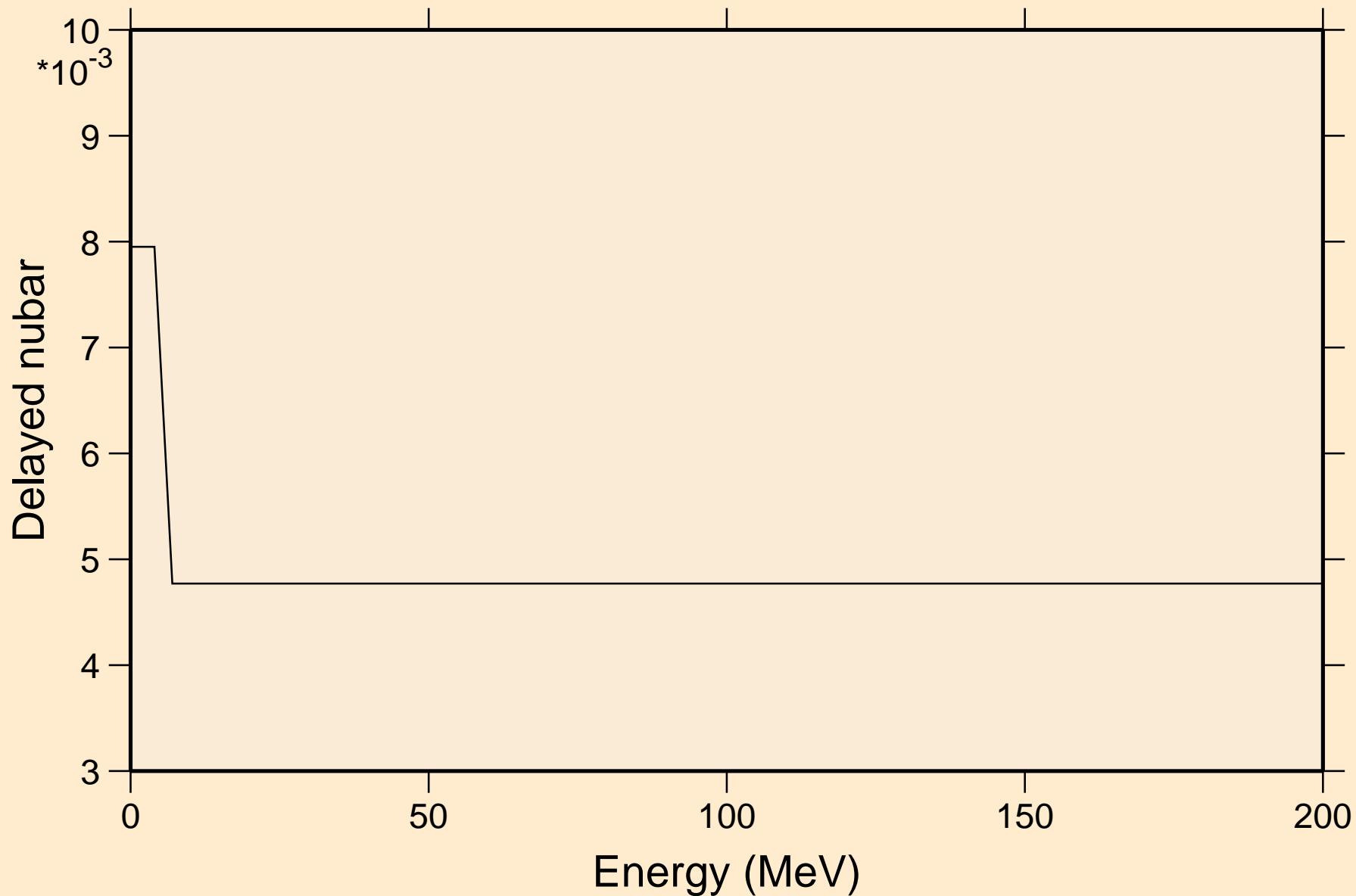
AM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



AM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

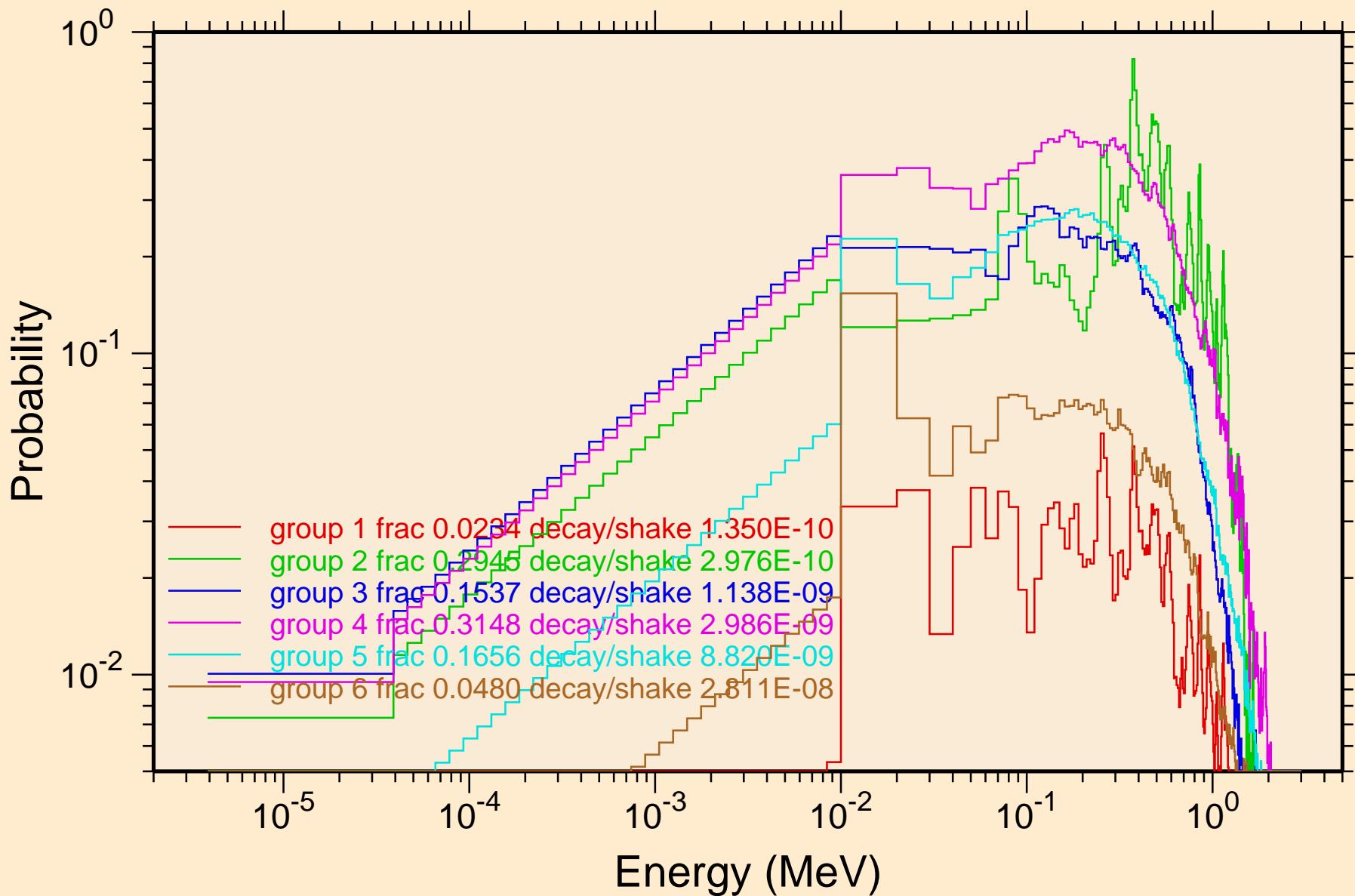


AM243 NRG TENDL-2015, AKONING  
Delayed nubar

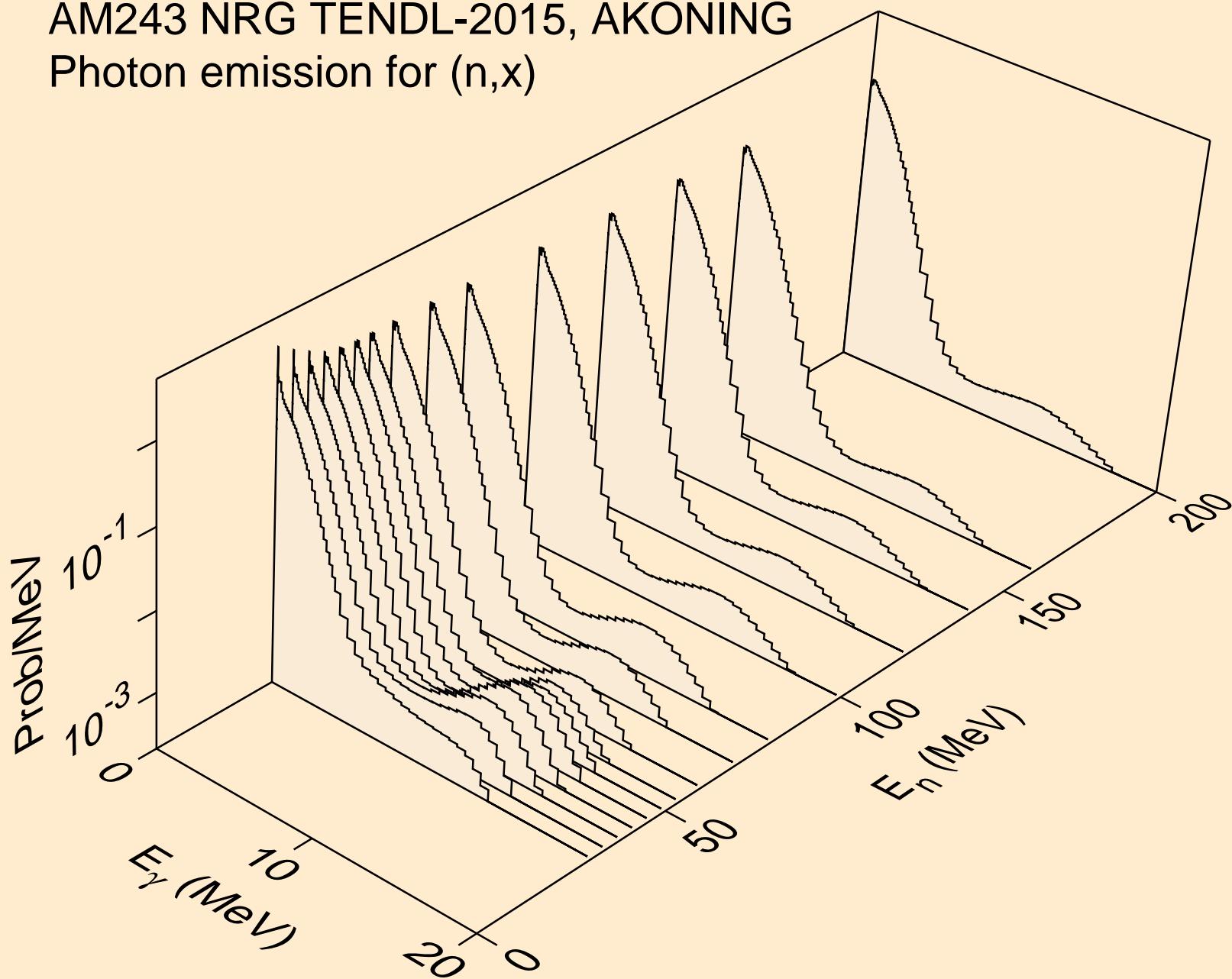


# AM243 NRG TENDL-2015, AKONING

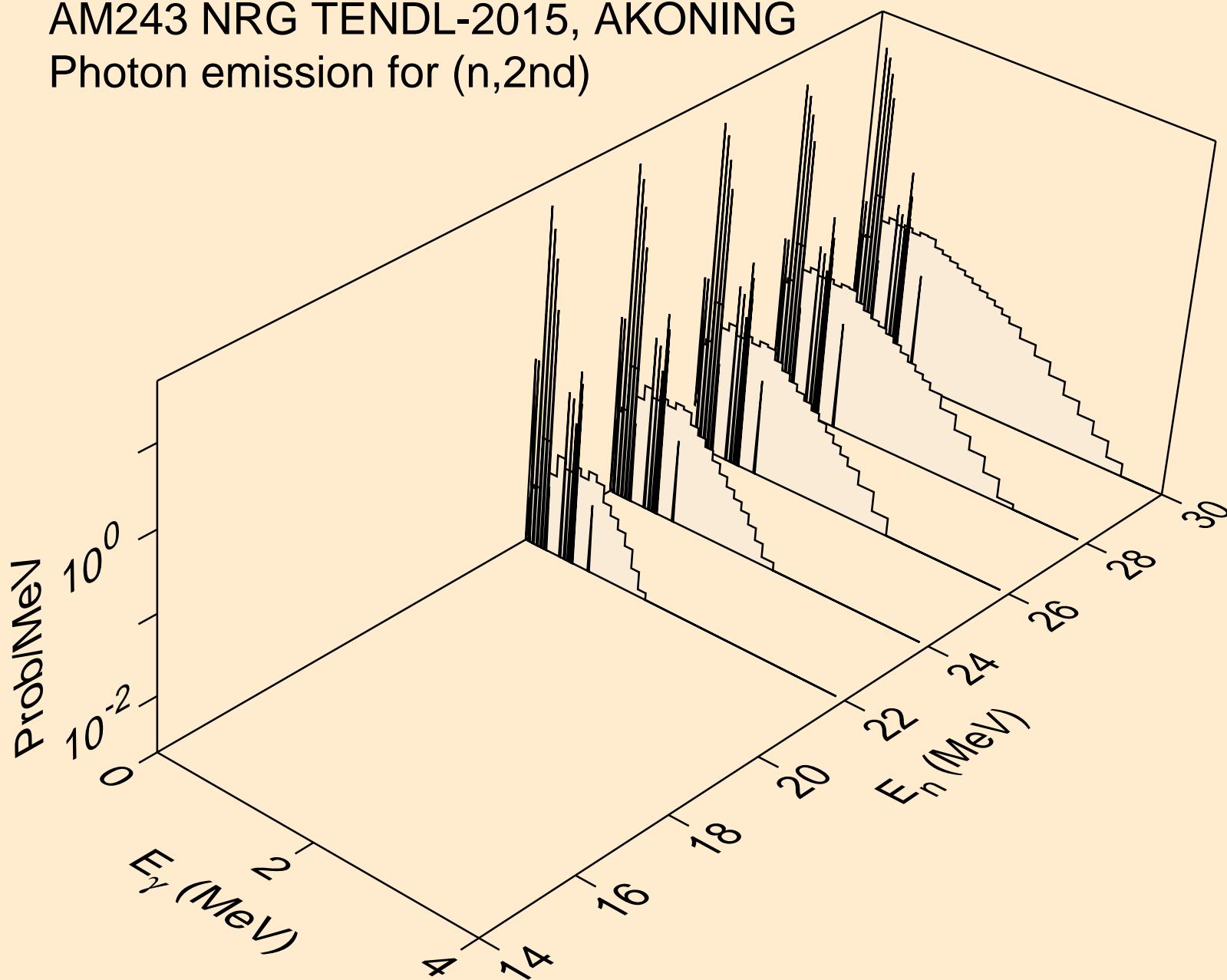
## Delayed neutron spectra



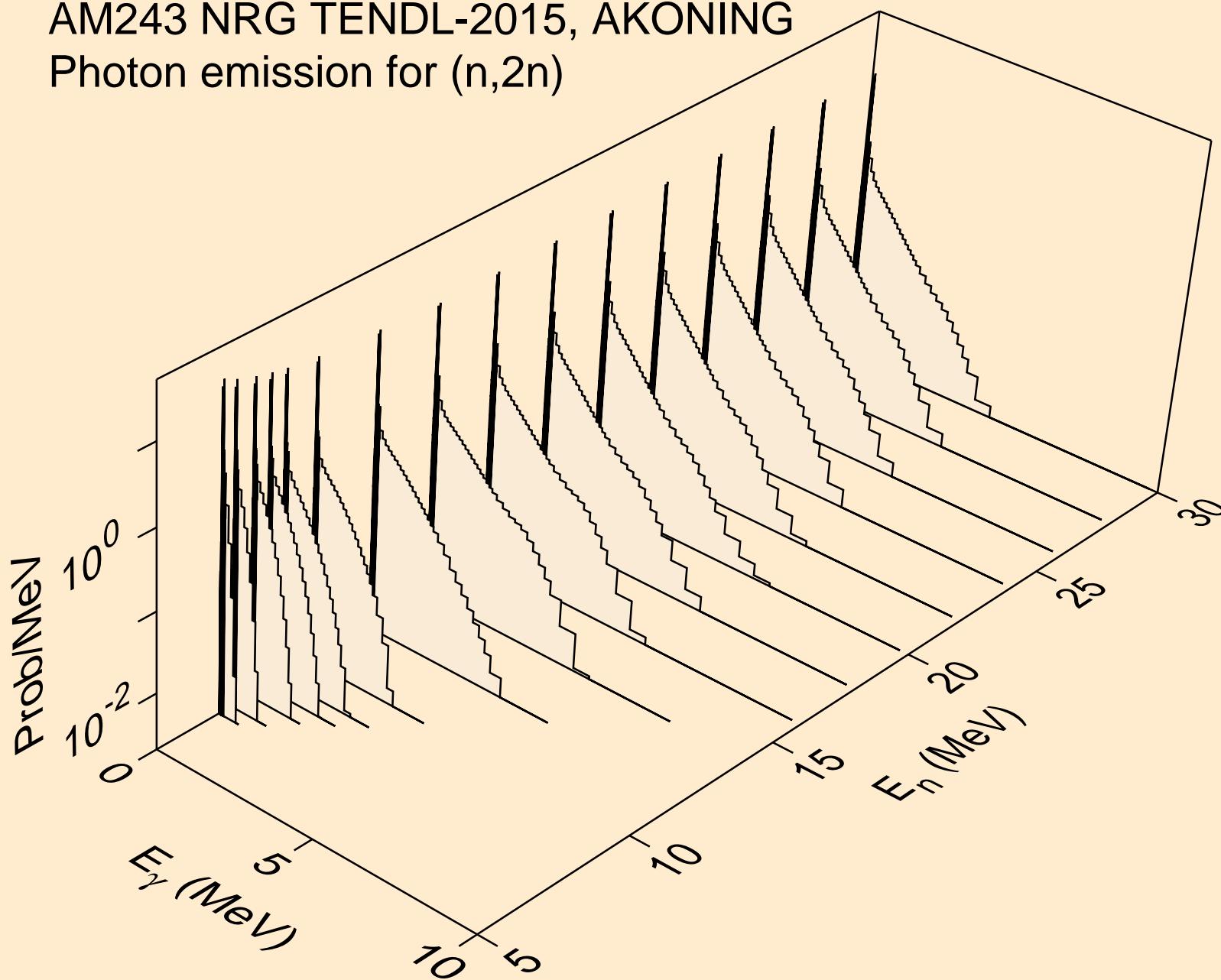
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



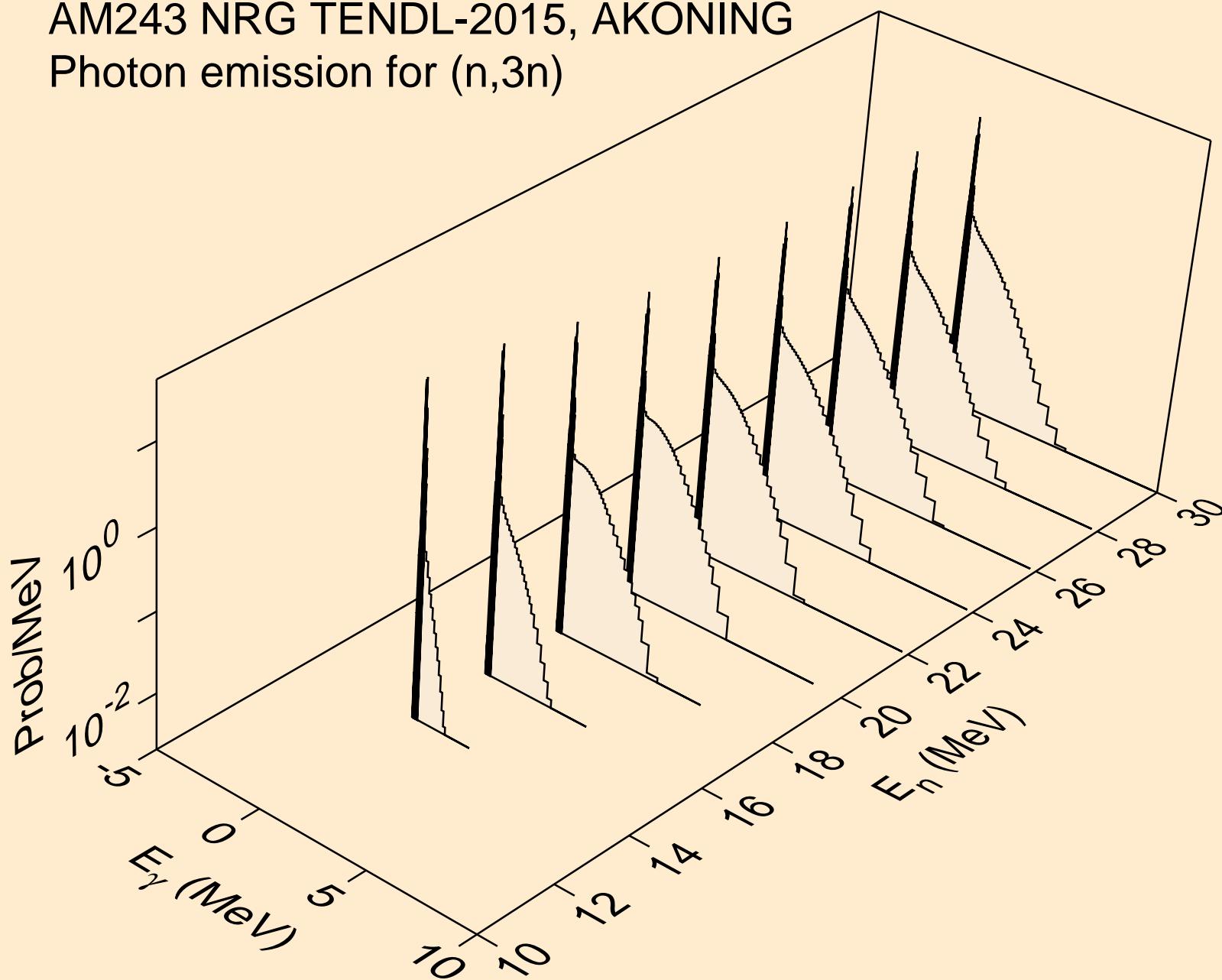
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



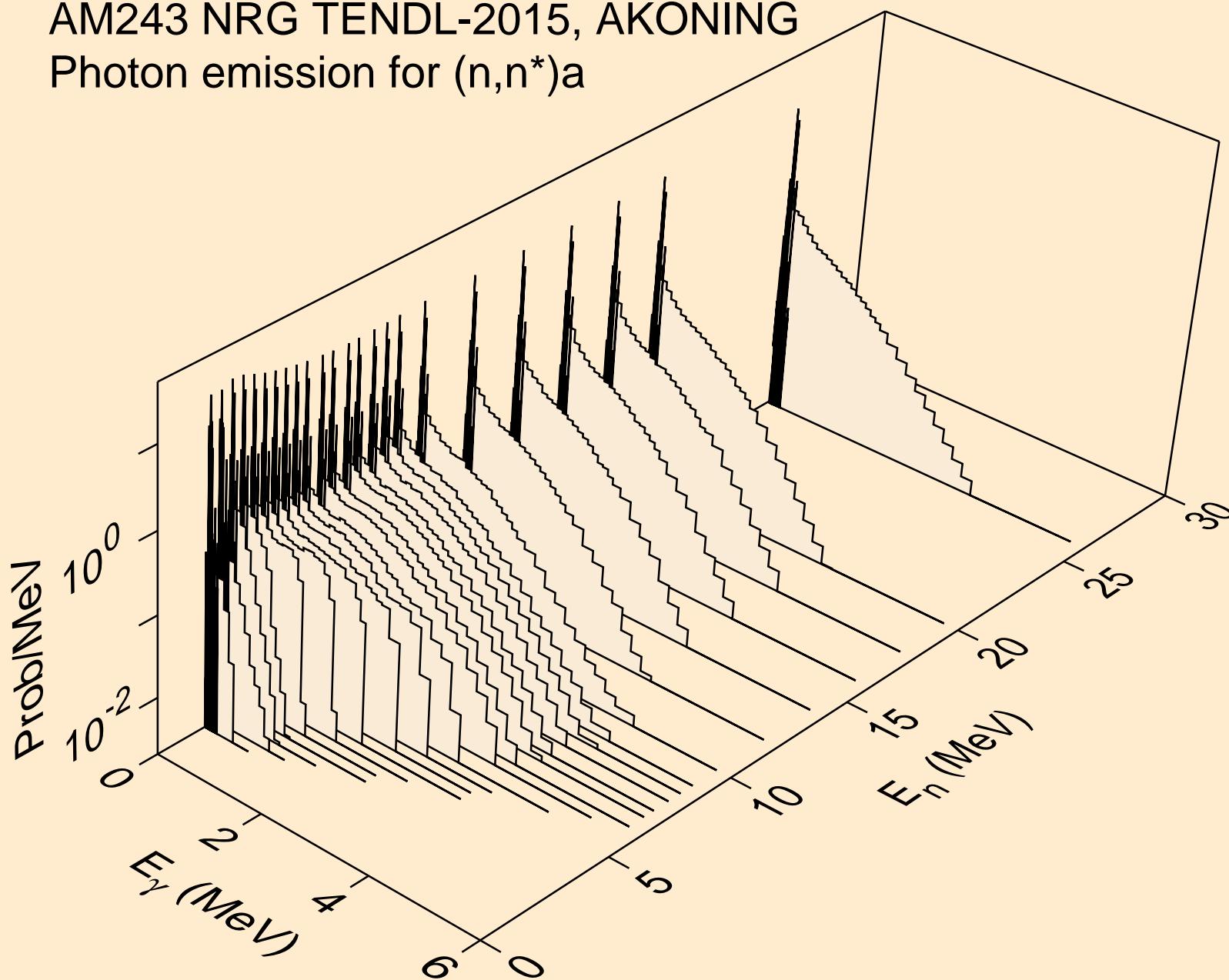
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



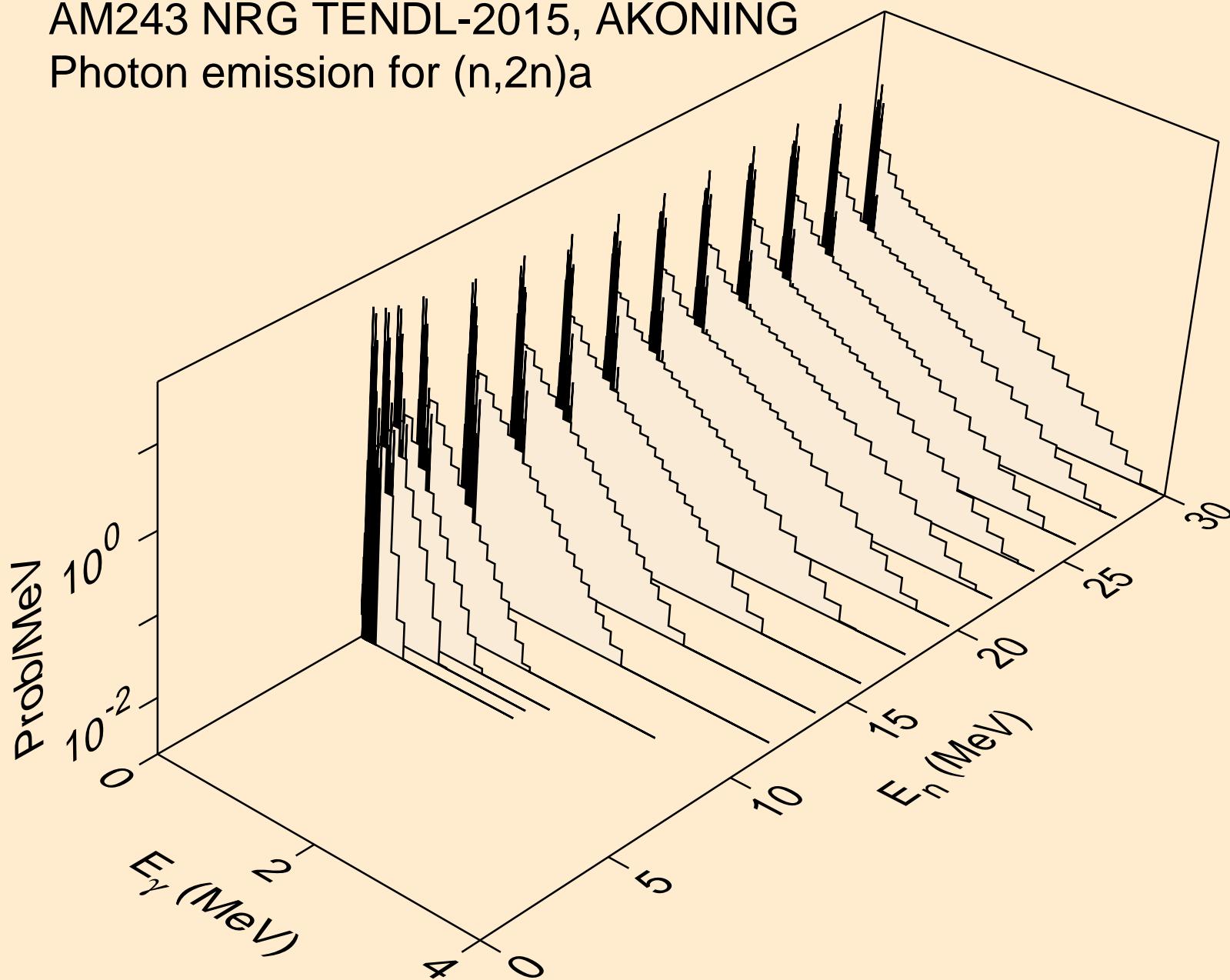
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



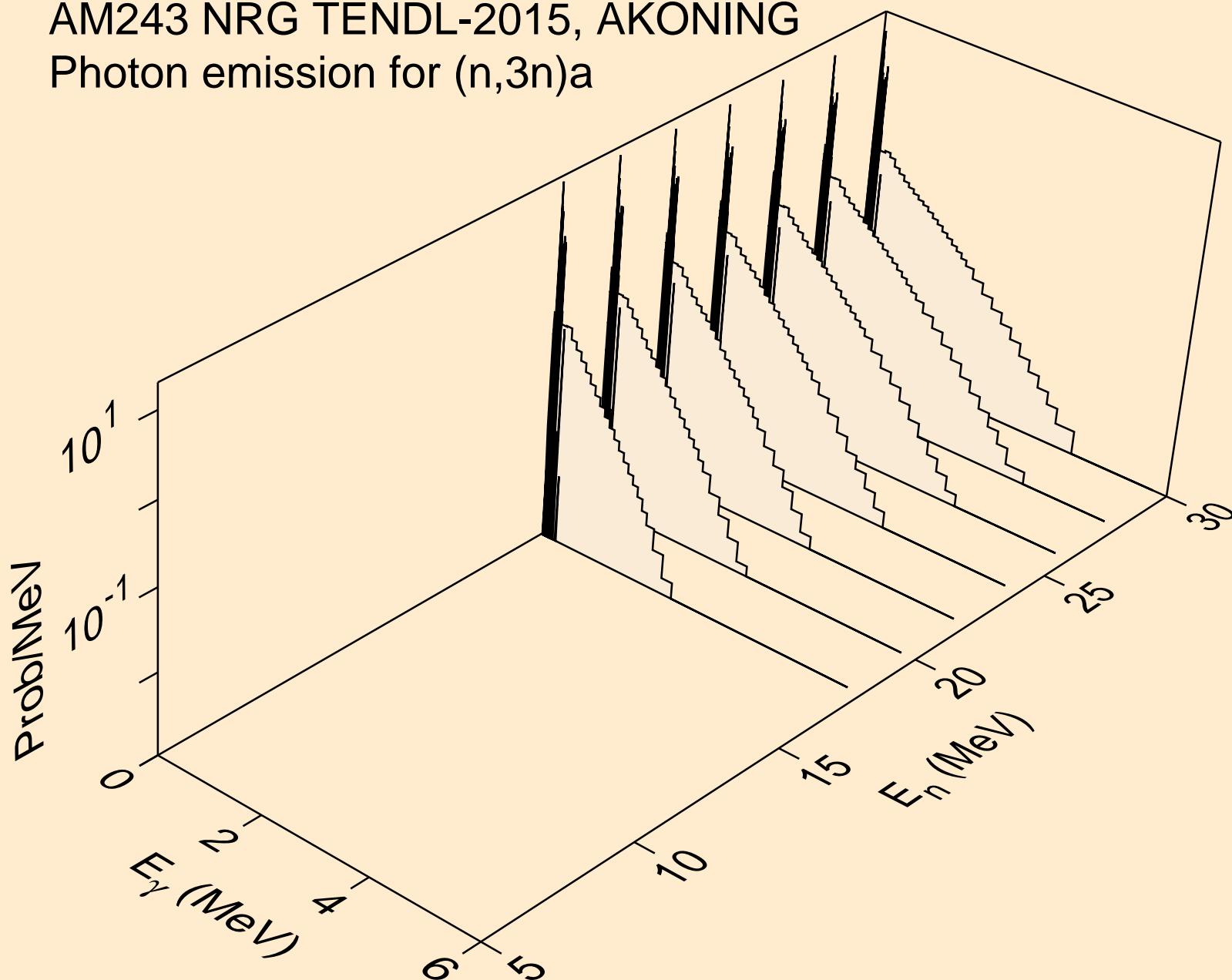
AM243 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



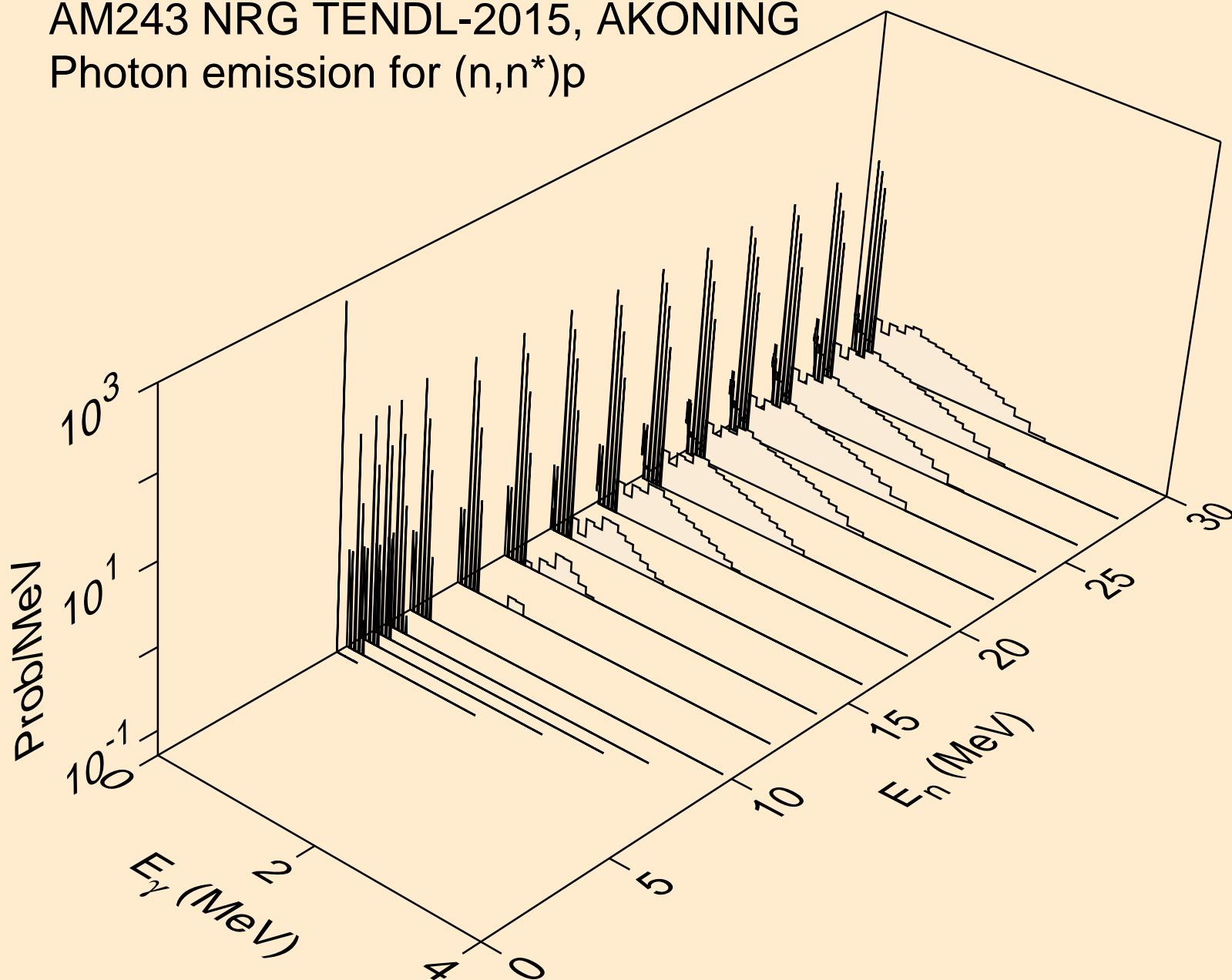
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



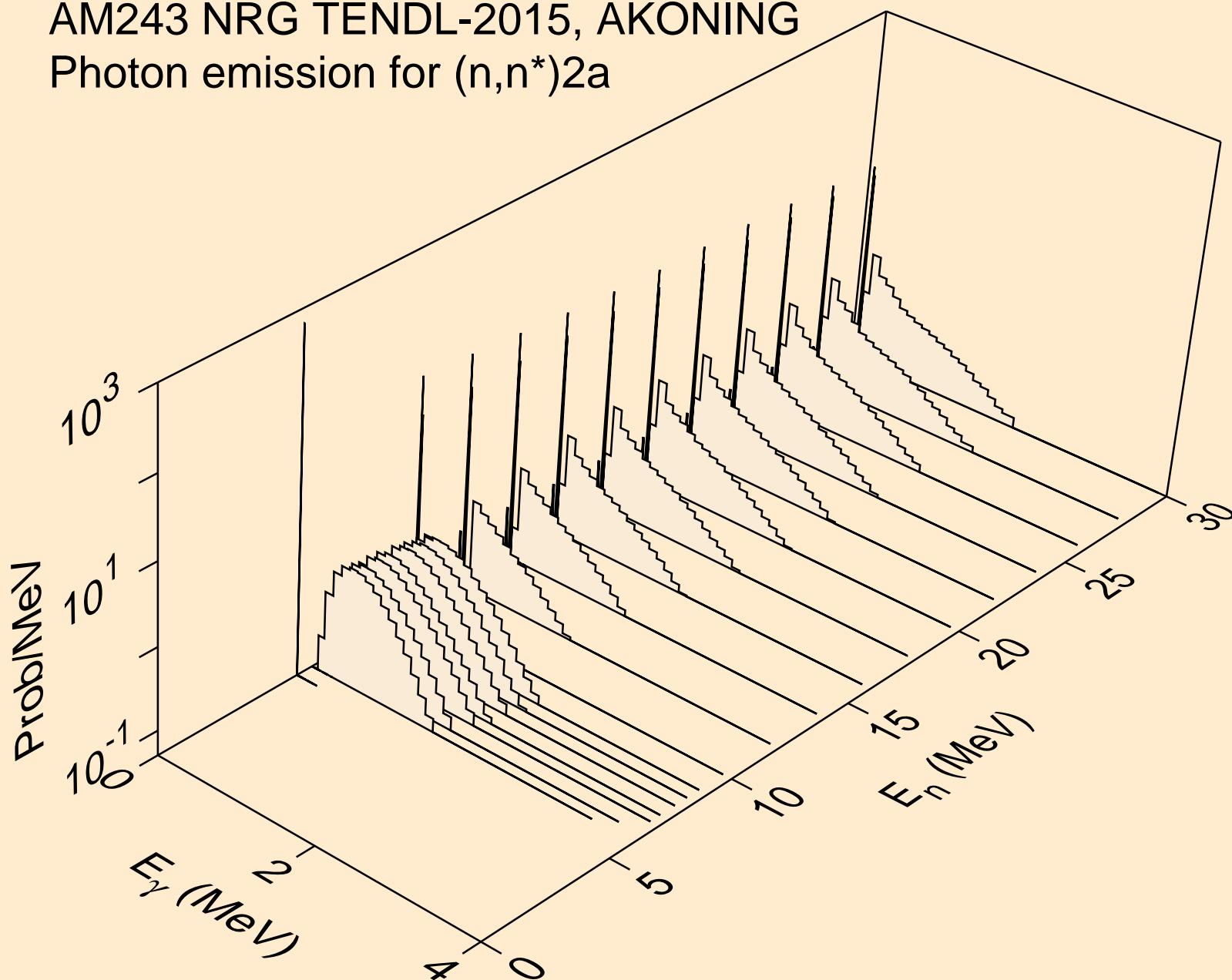
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



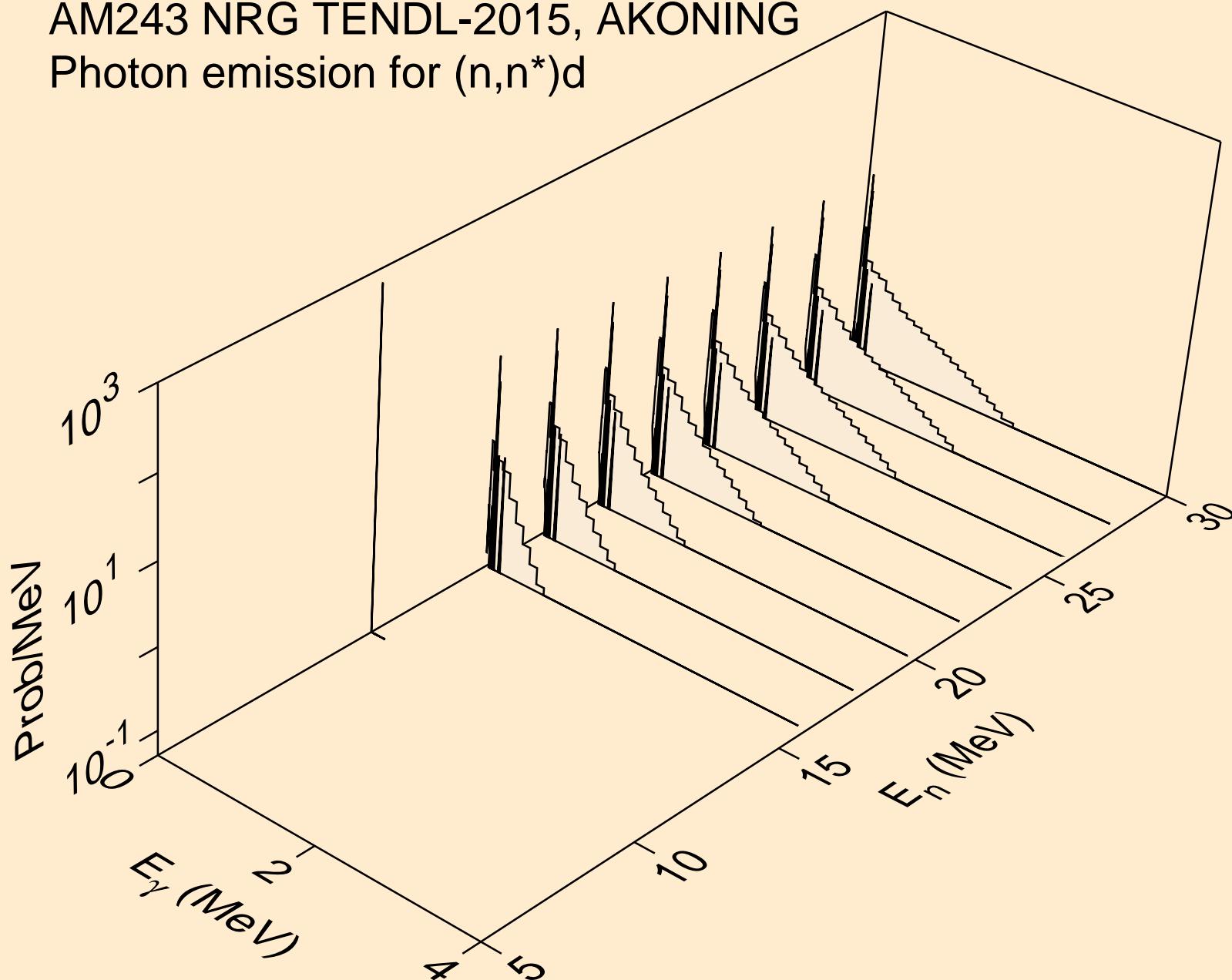
AM243 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



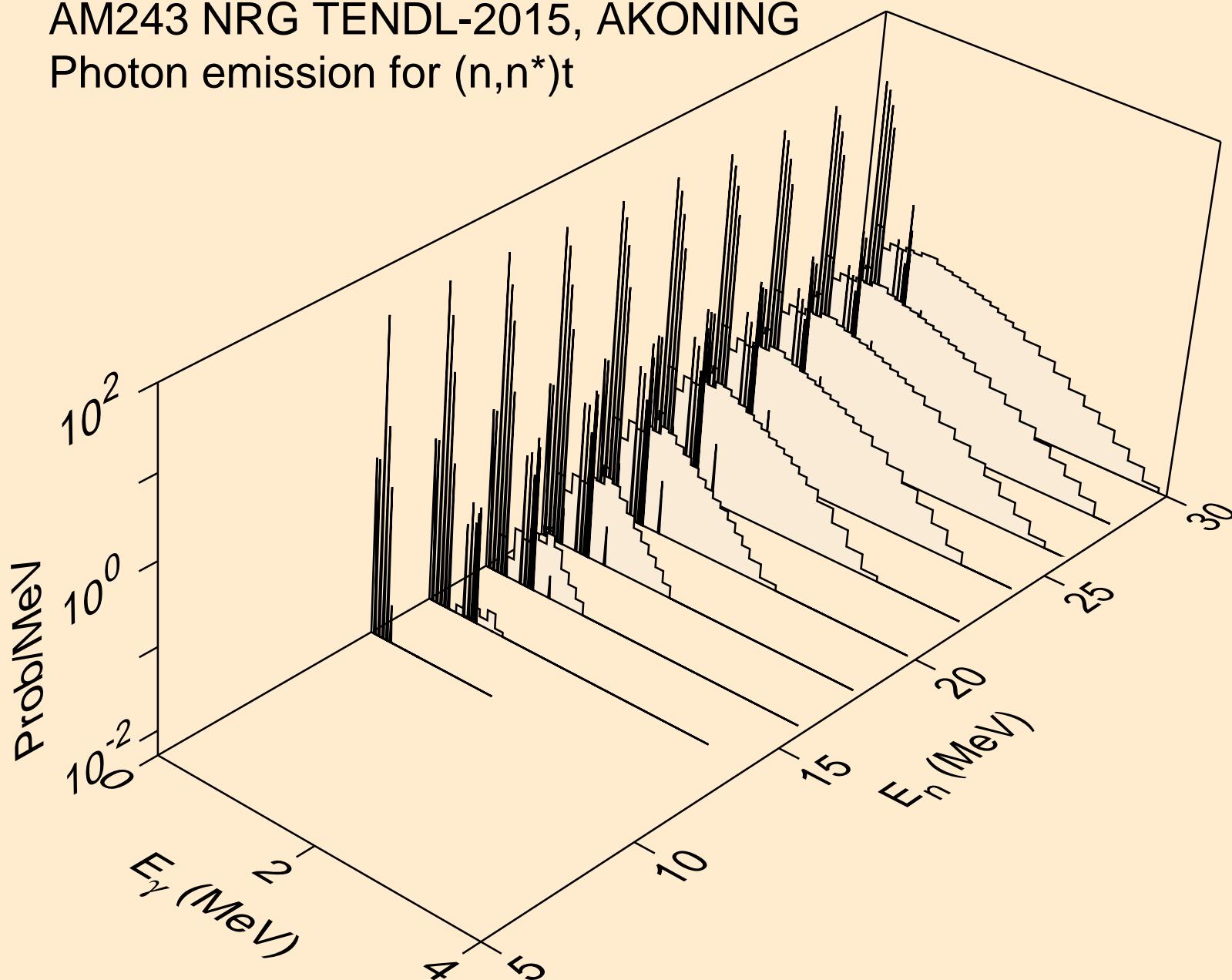
AM243 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)2a$



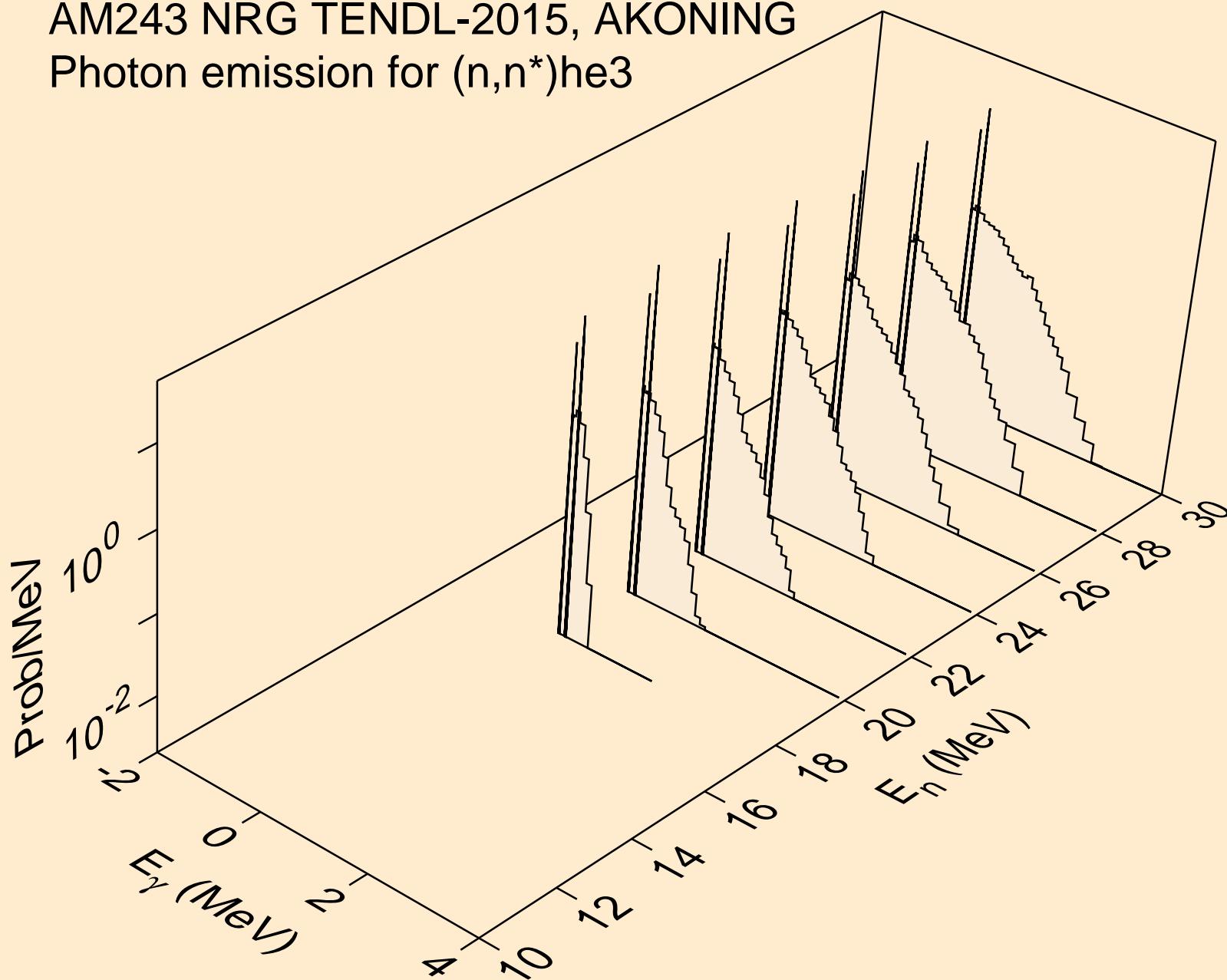
AM243 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



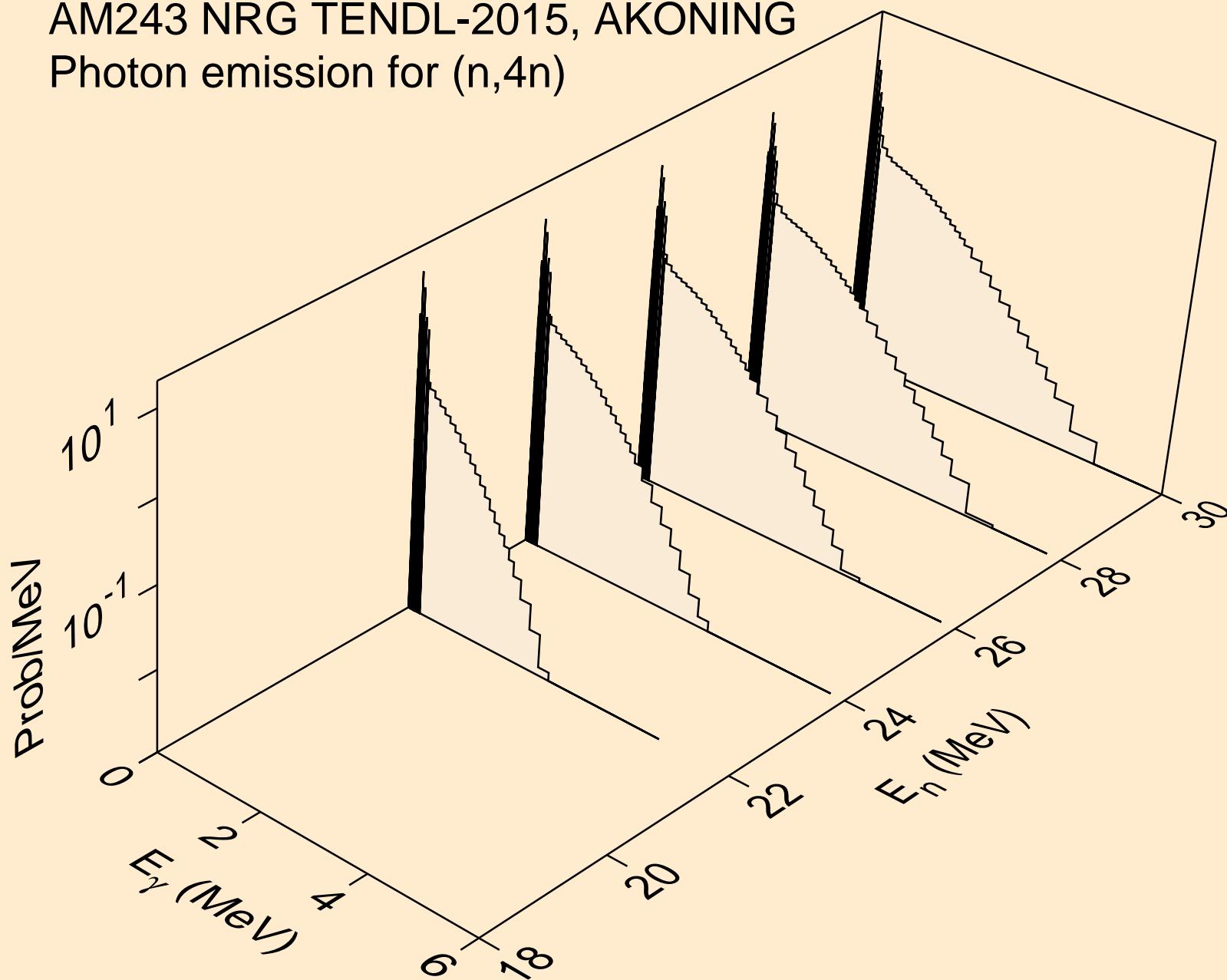
AM243 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



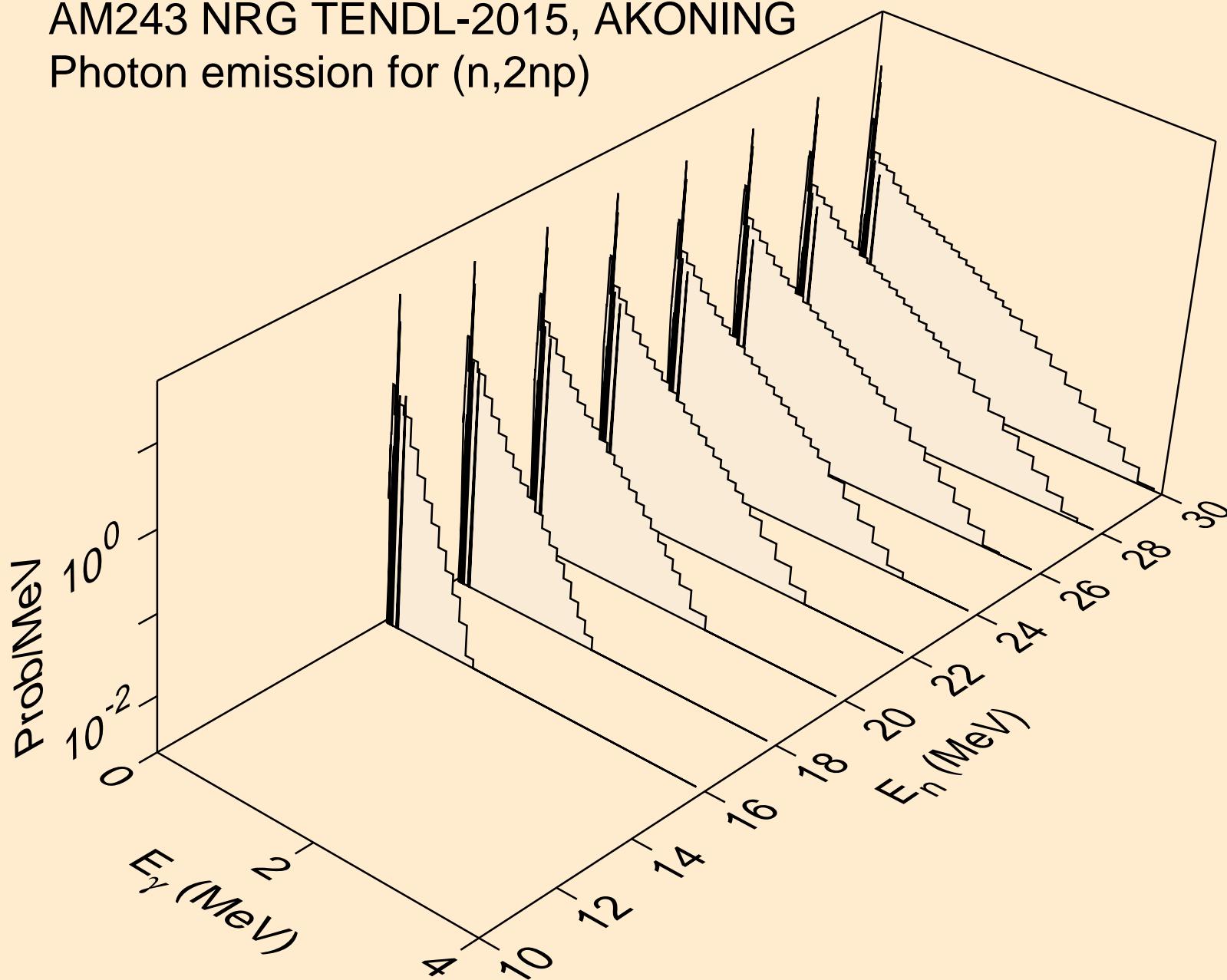
AM243 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



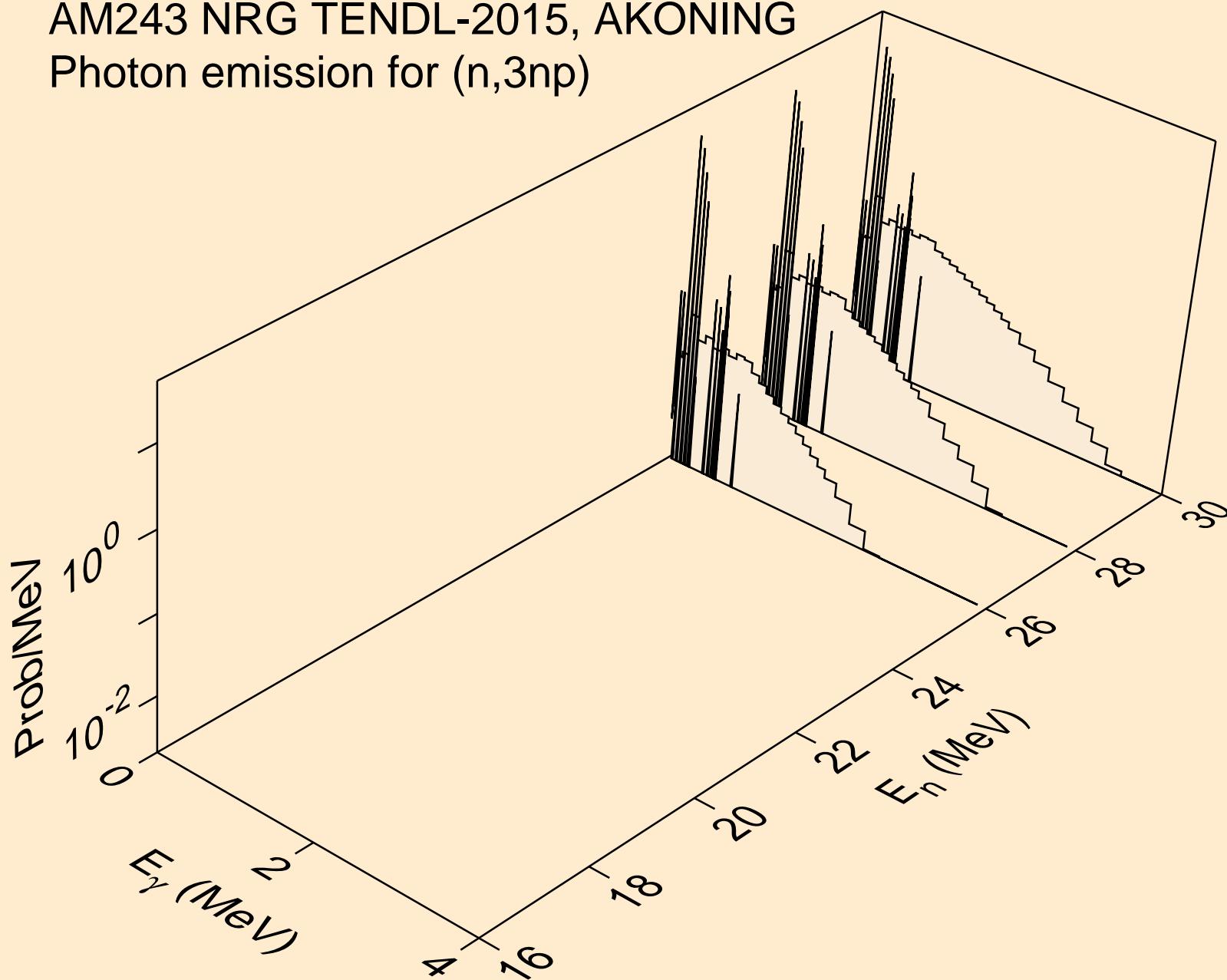
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



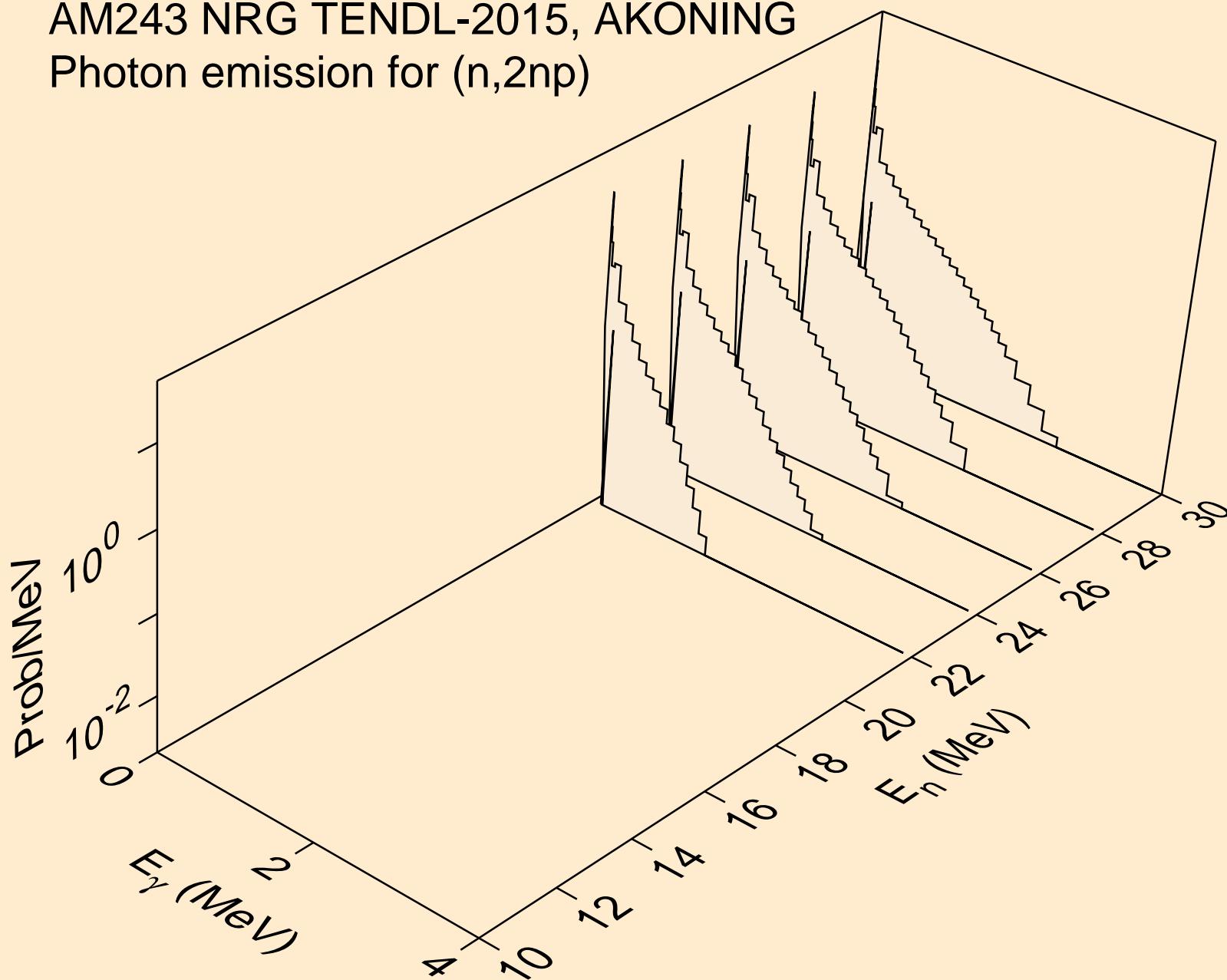
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



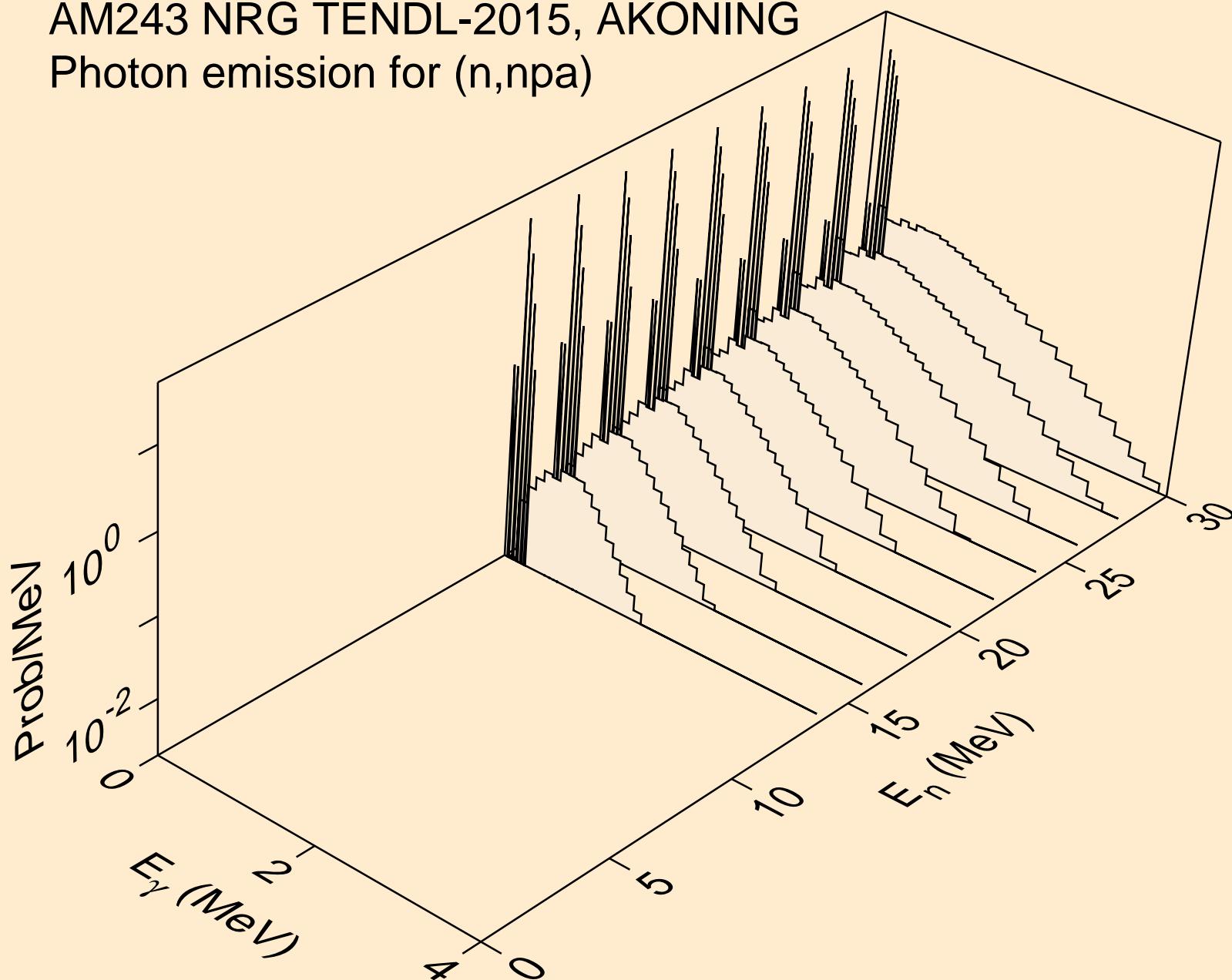
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



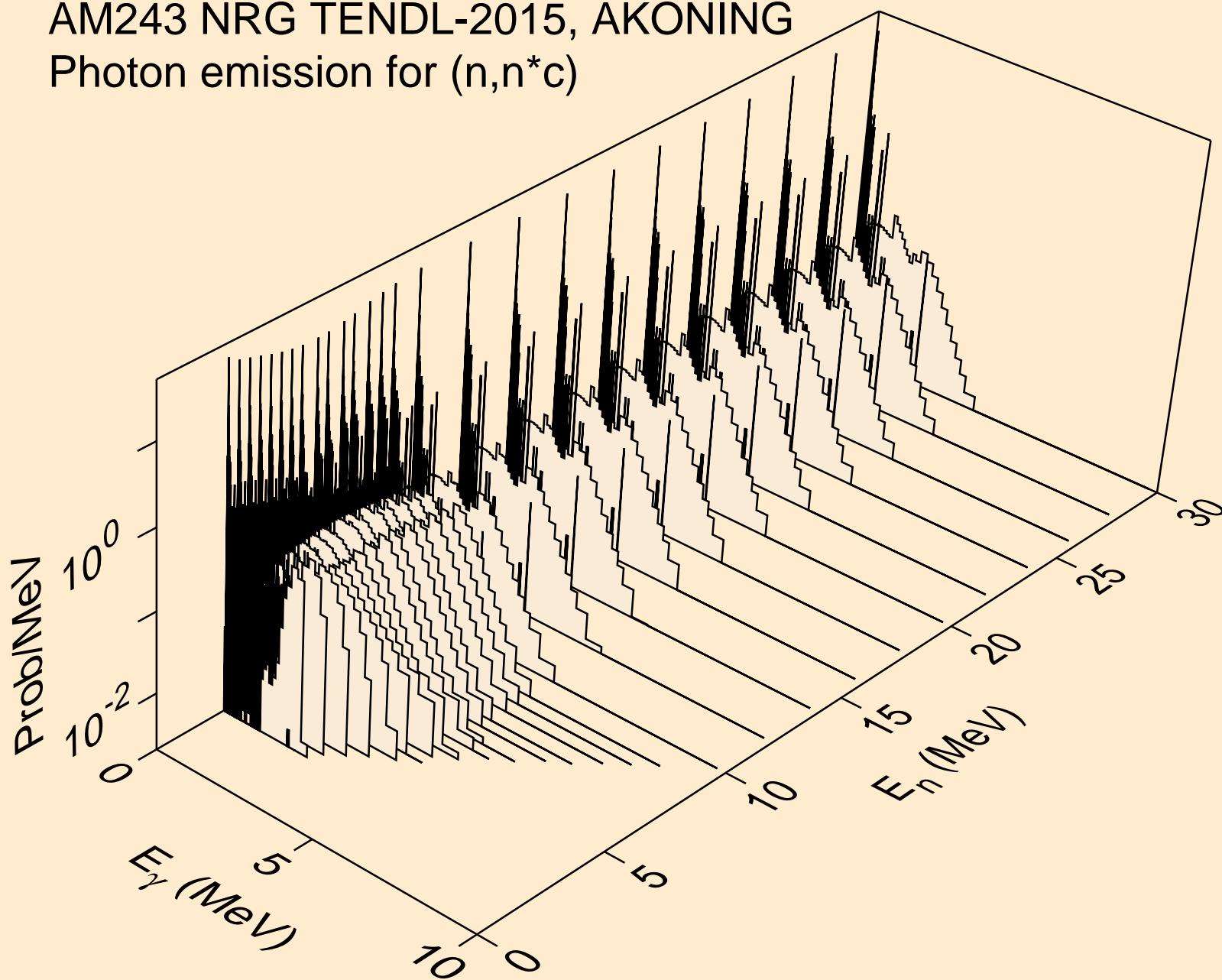
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



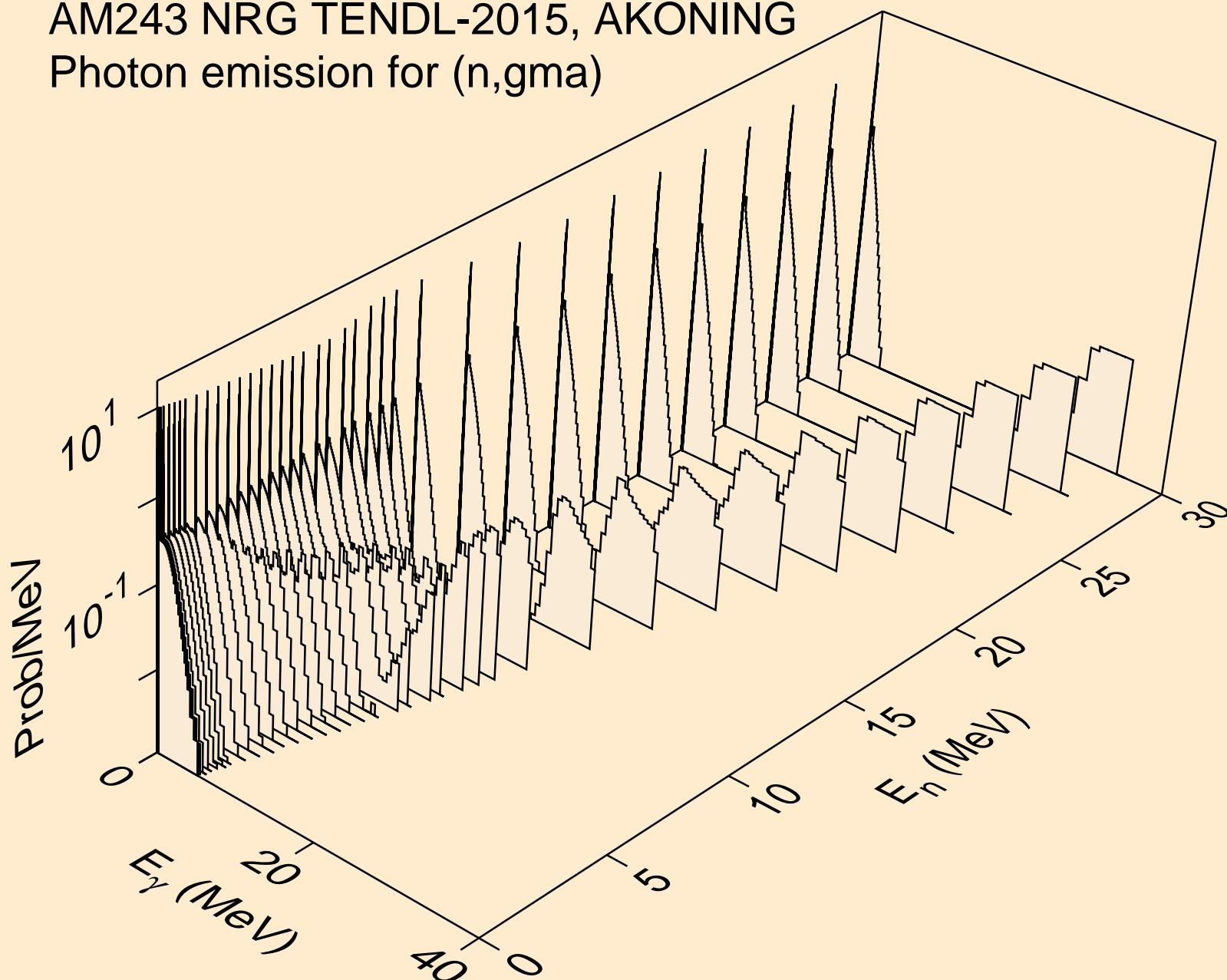
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



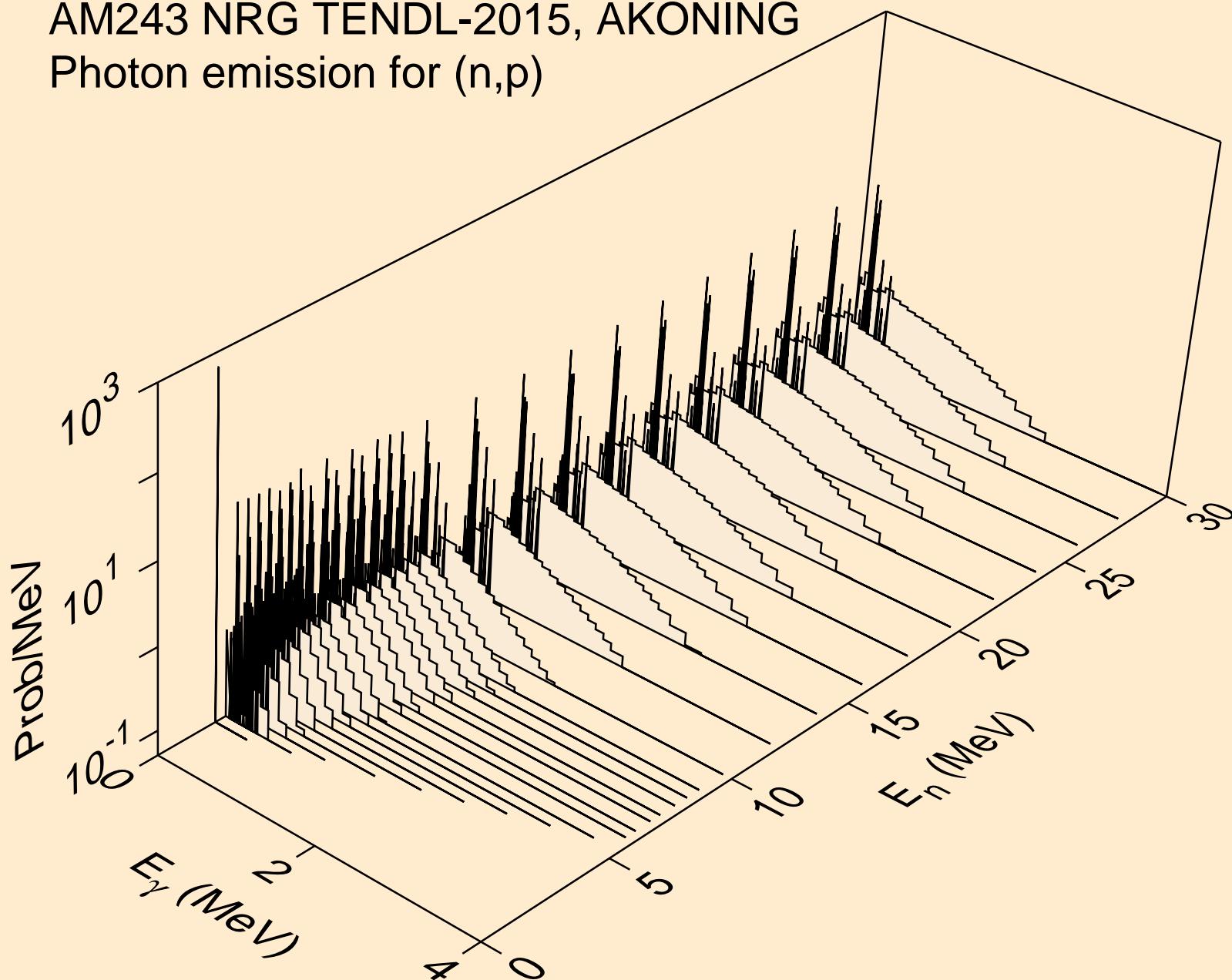
AM243 NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^*c$ )



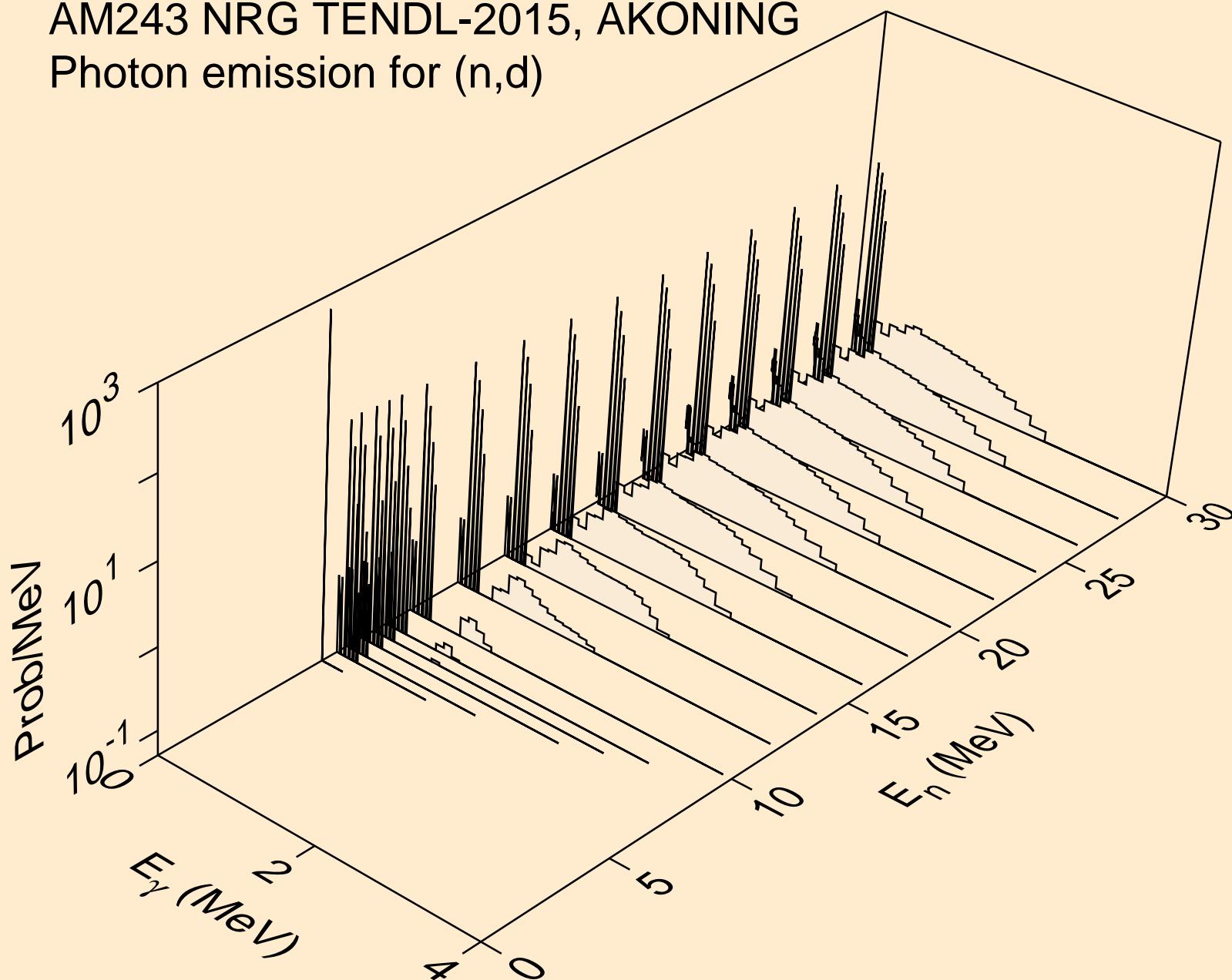
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



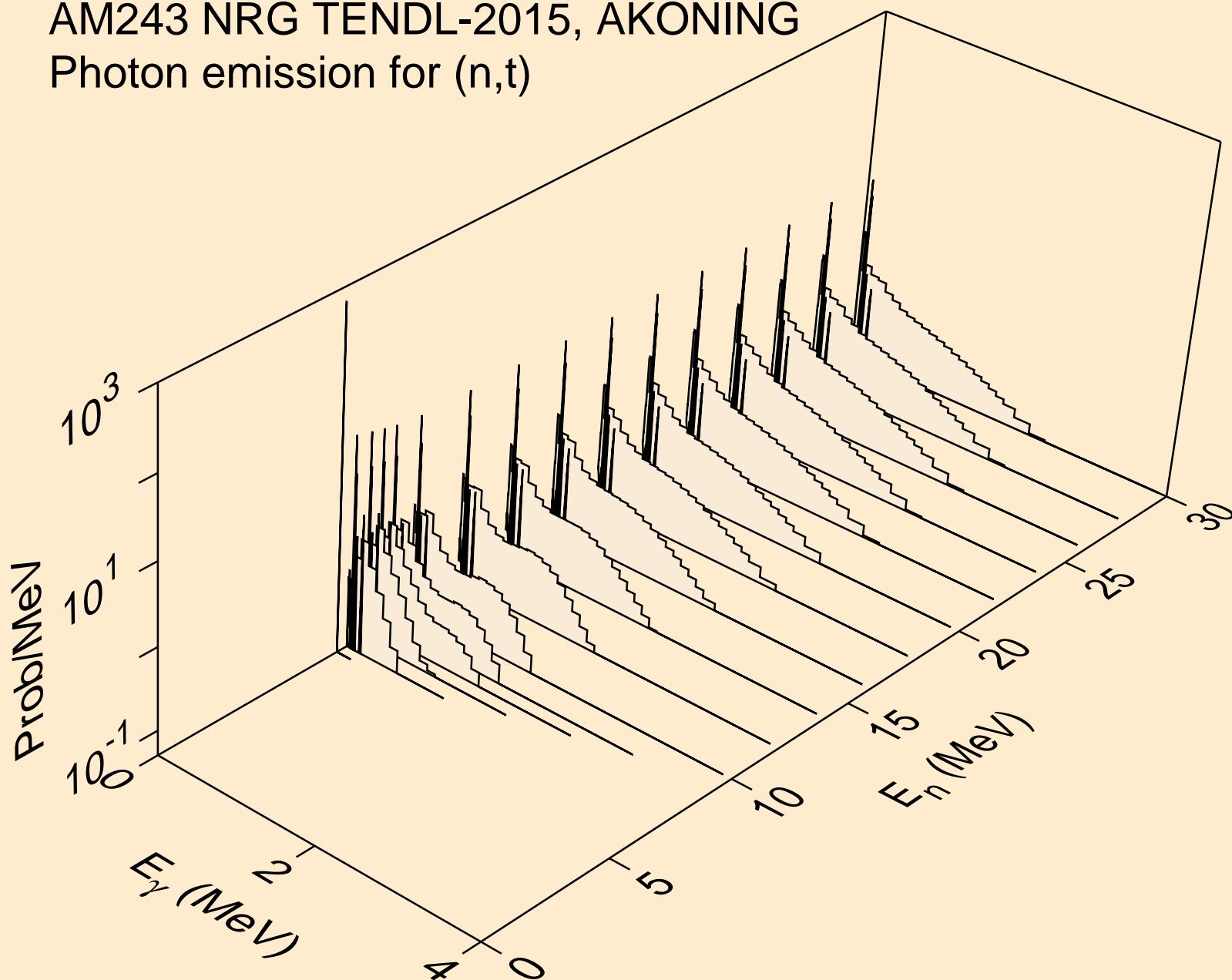
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



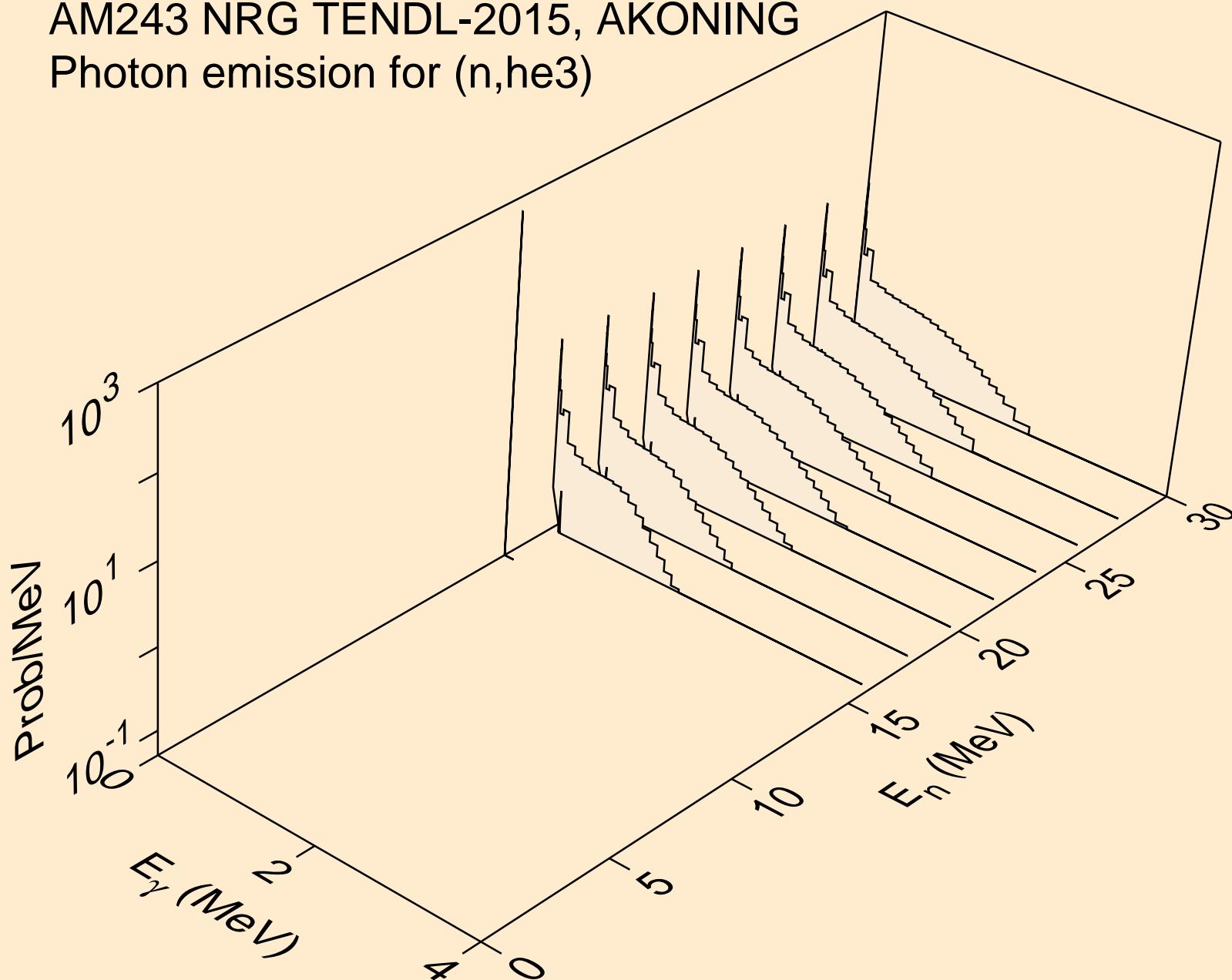
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



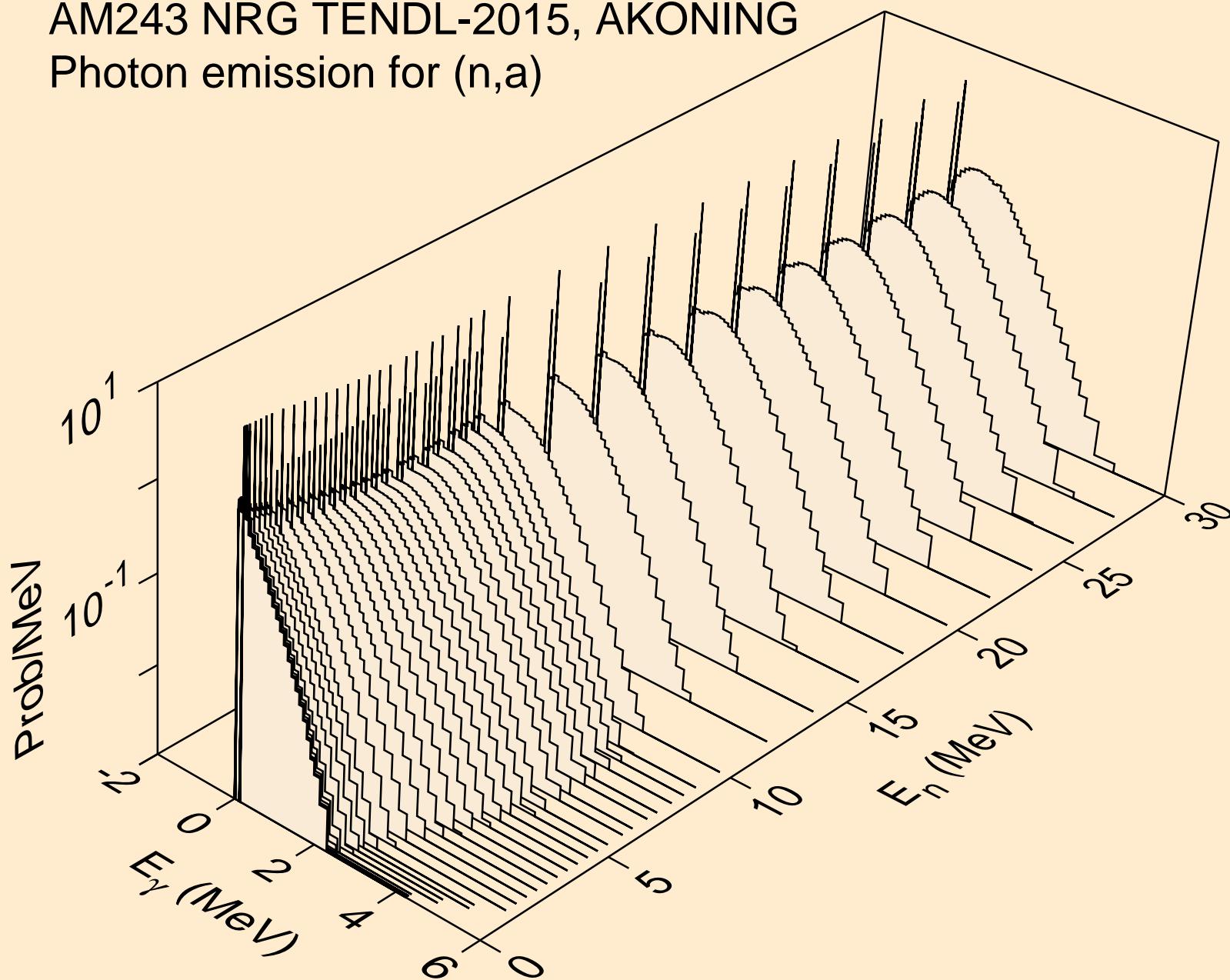
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



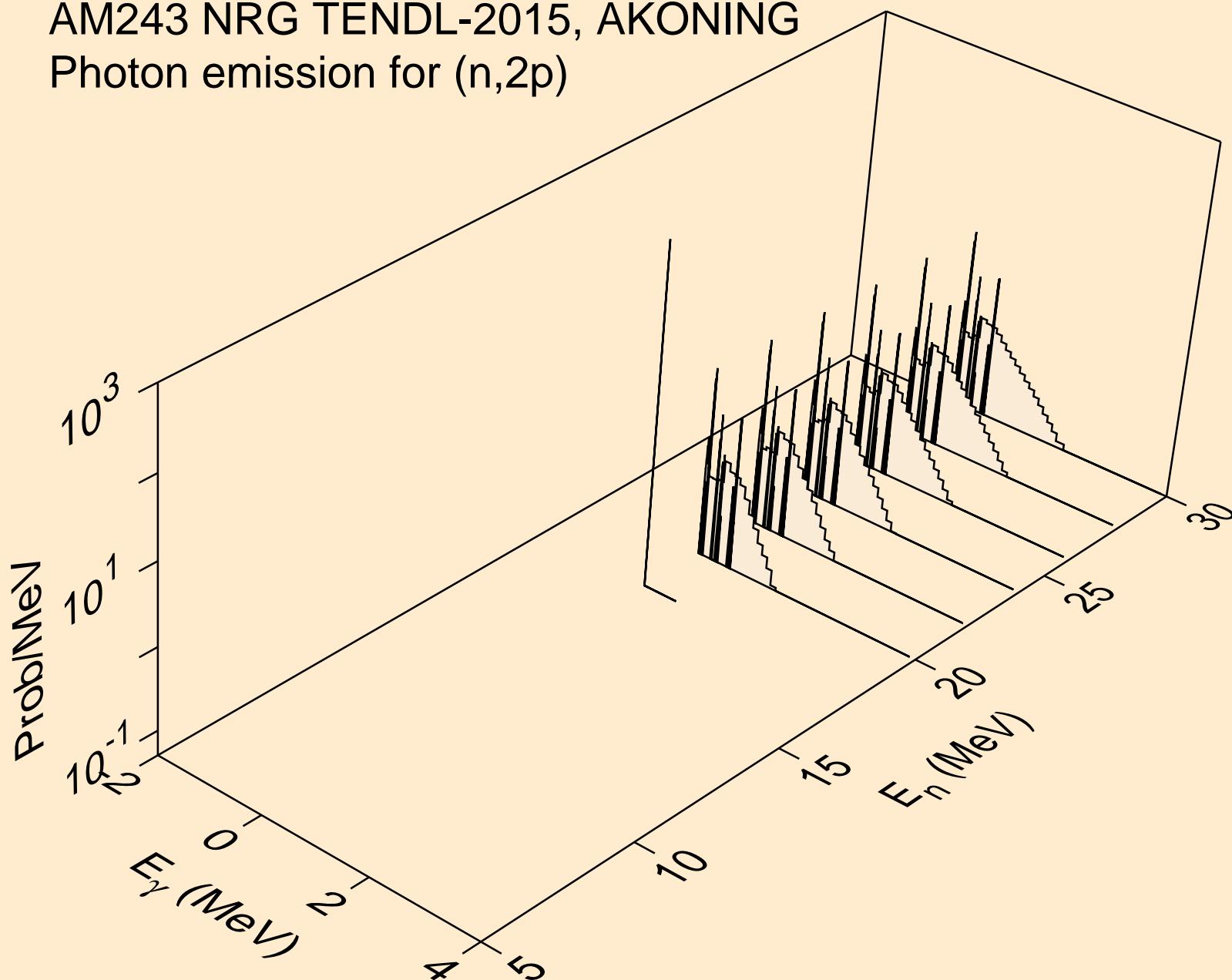
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



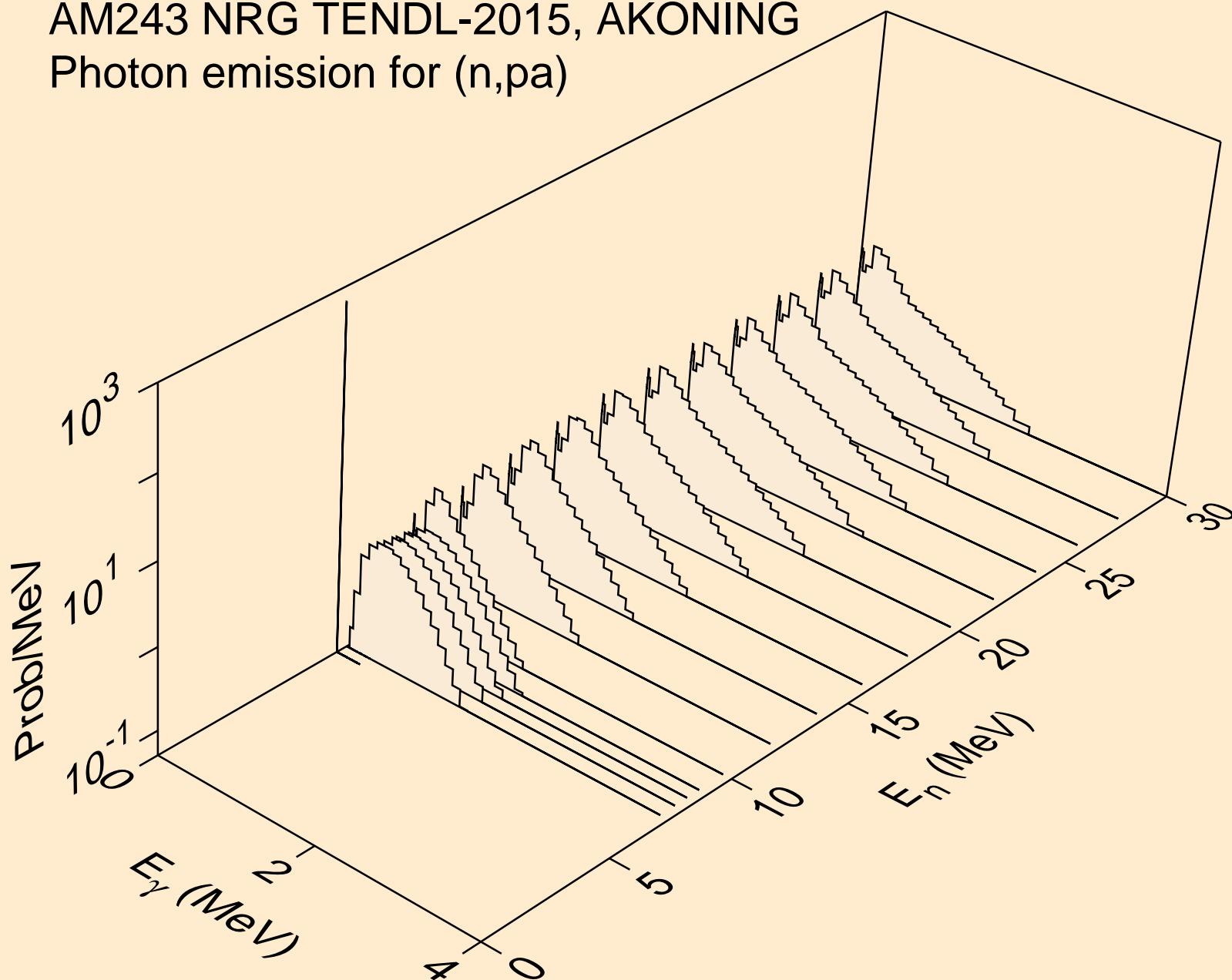
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



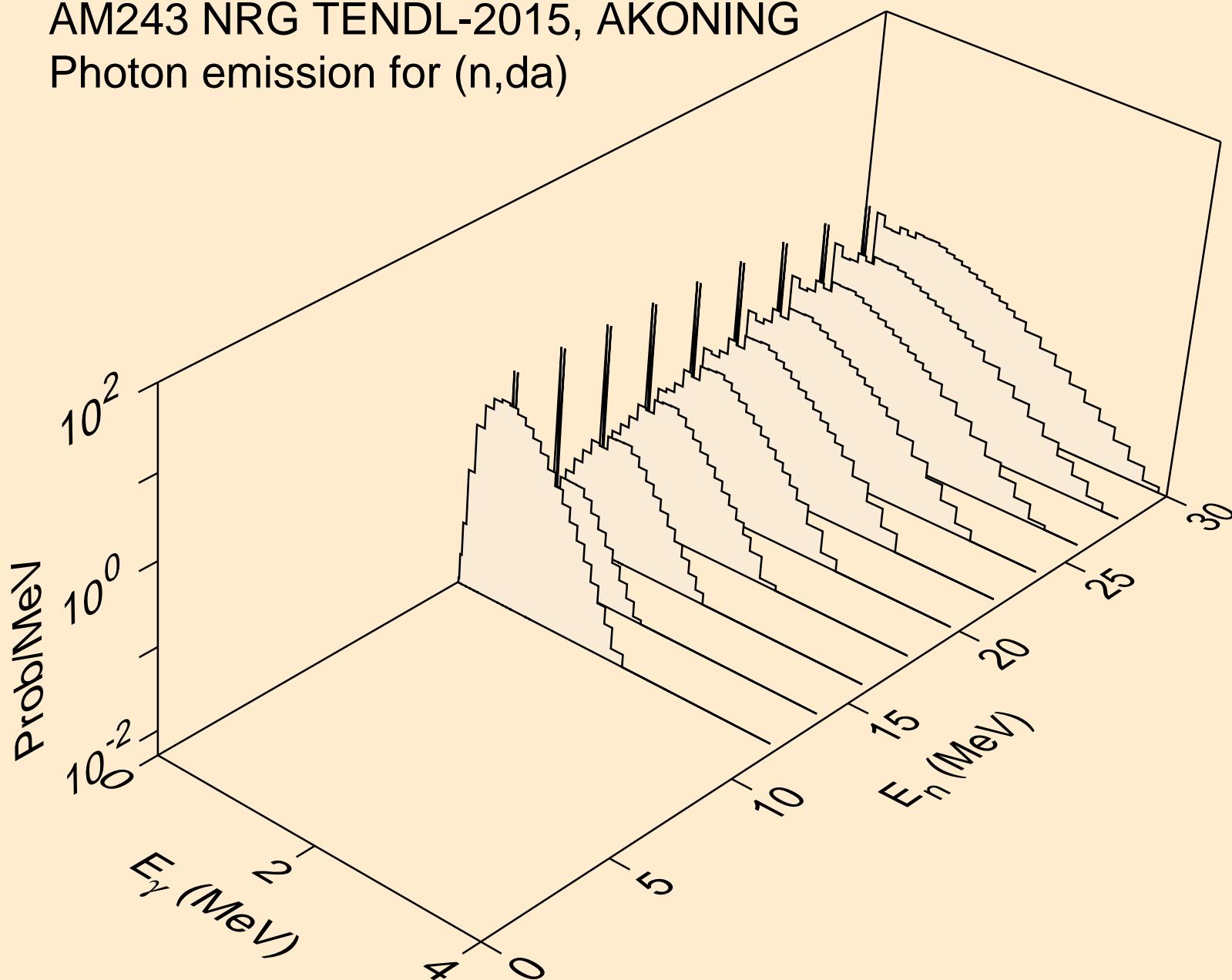
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



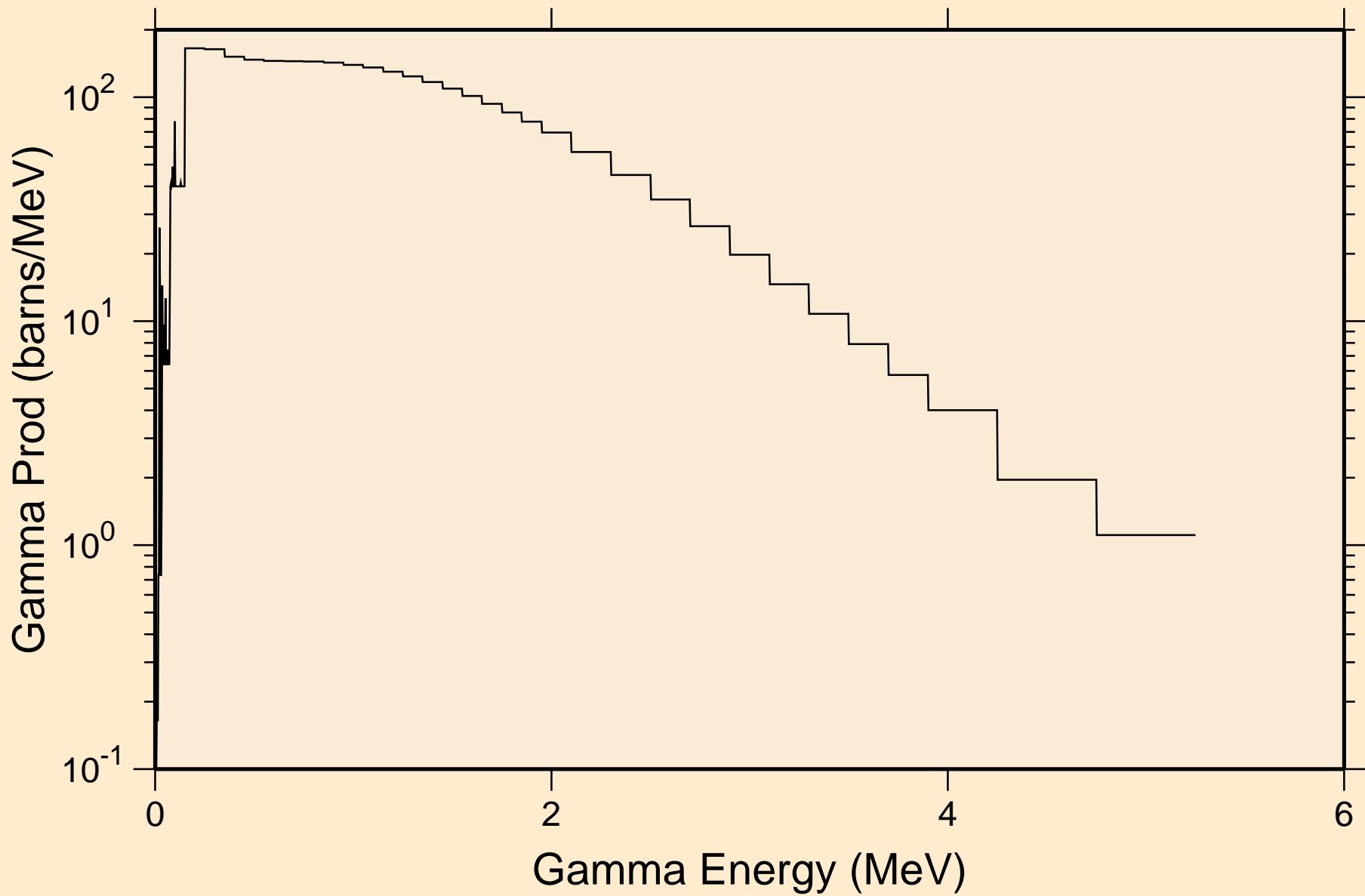
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



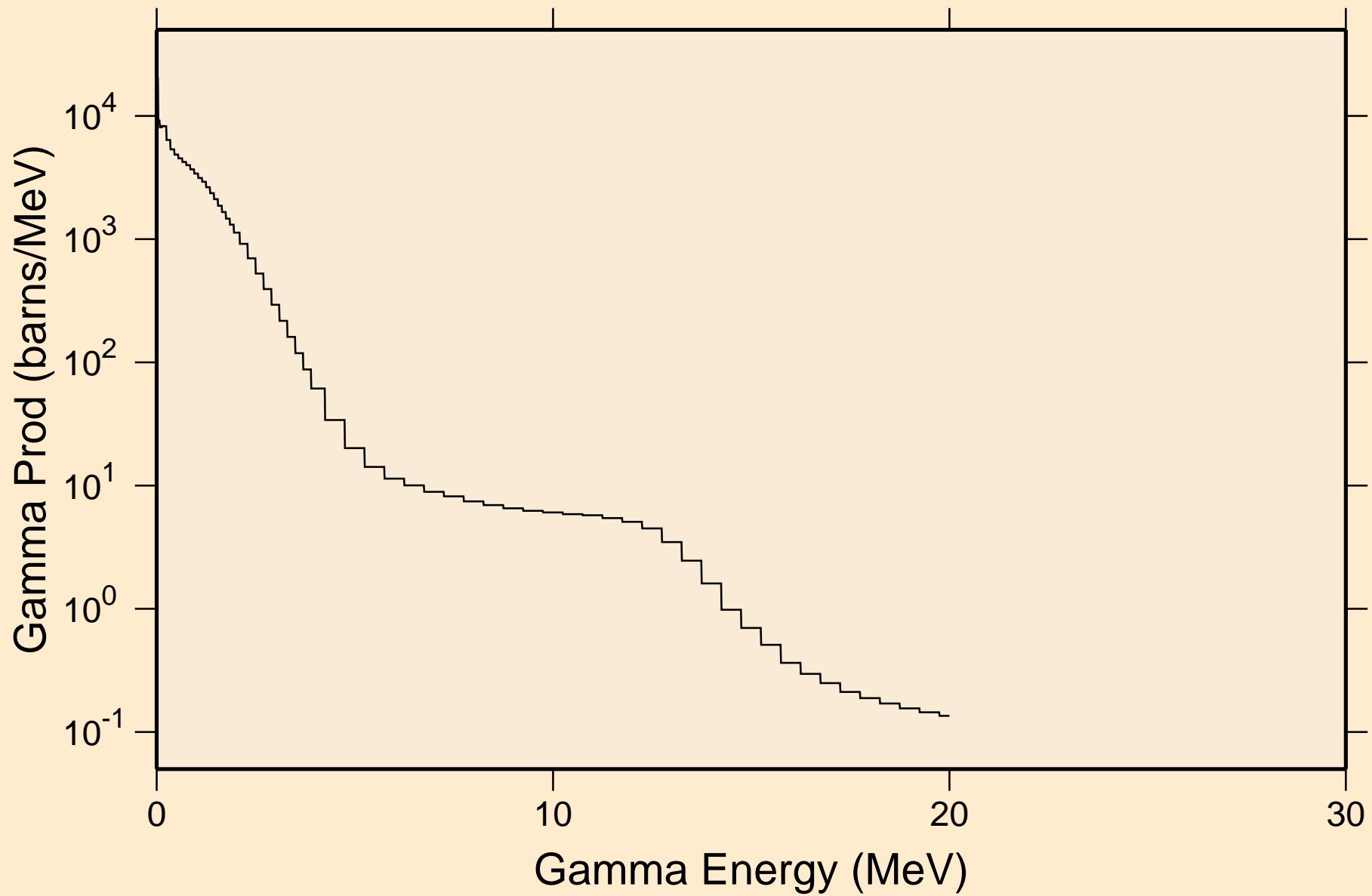
AM243 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



AM243 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

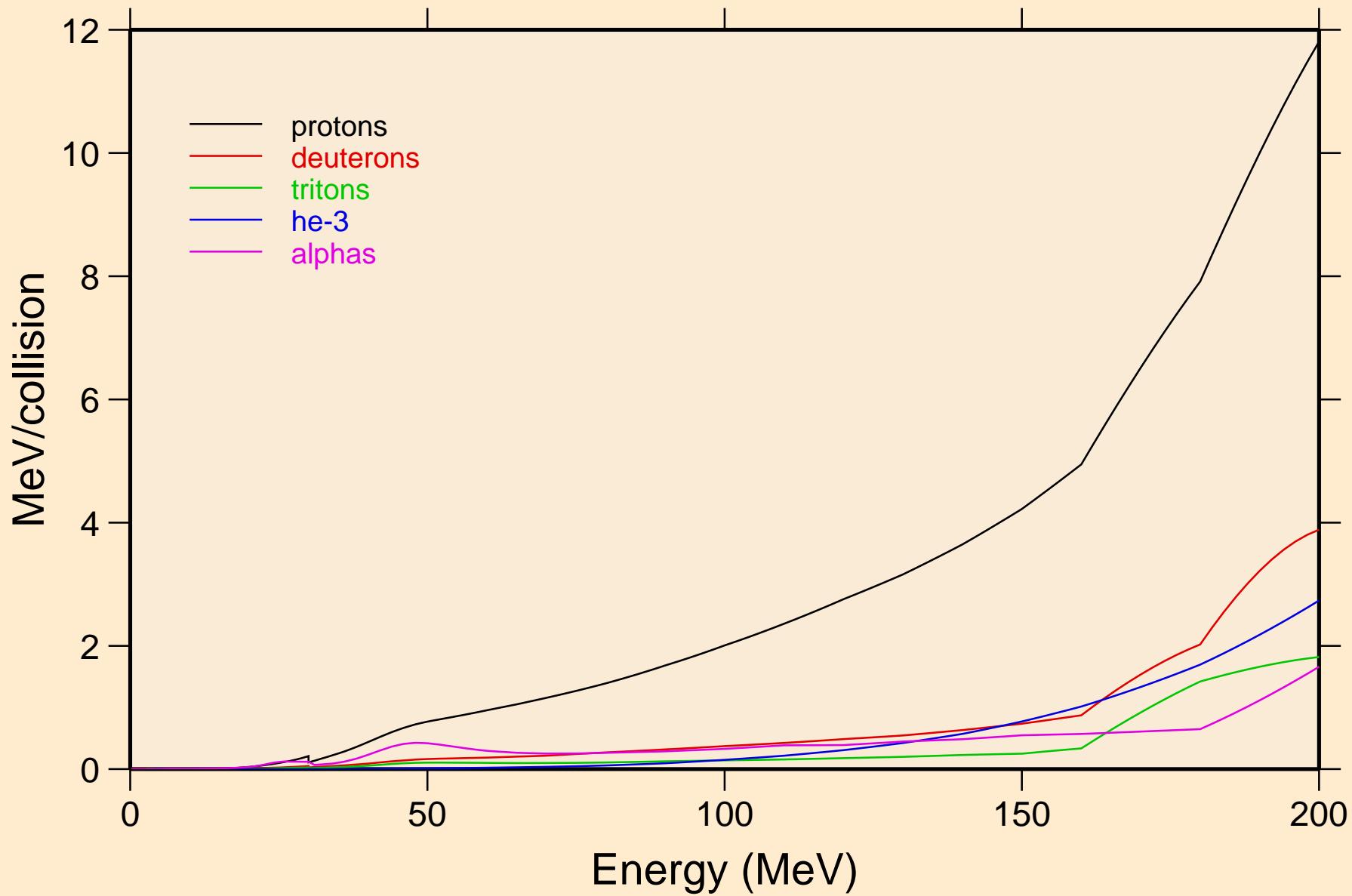


AM243 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



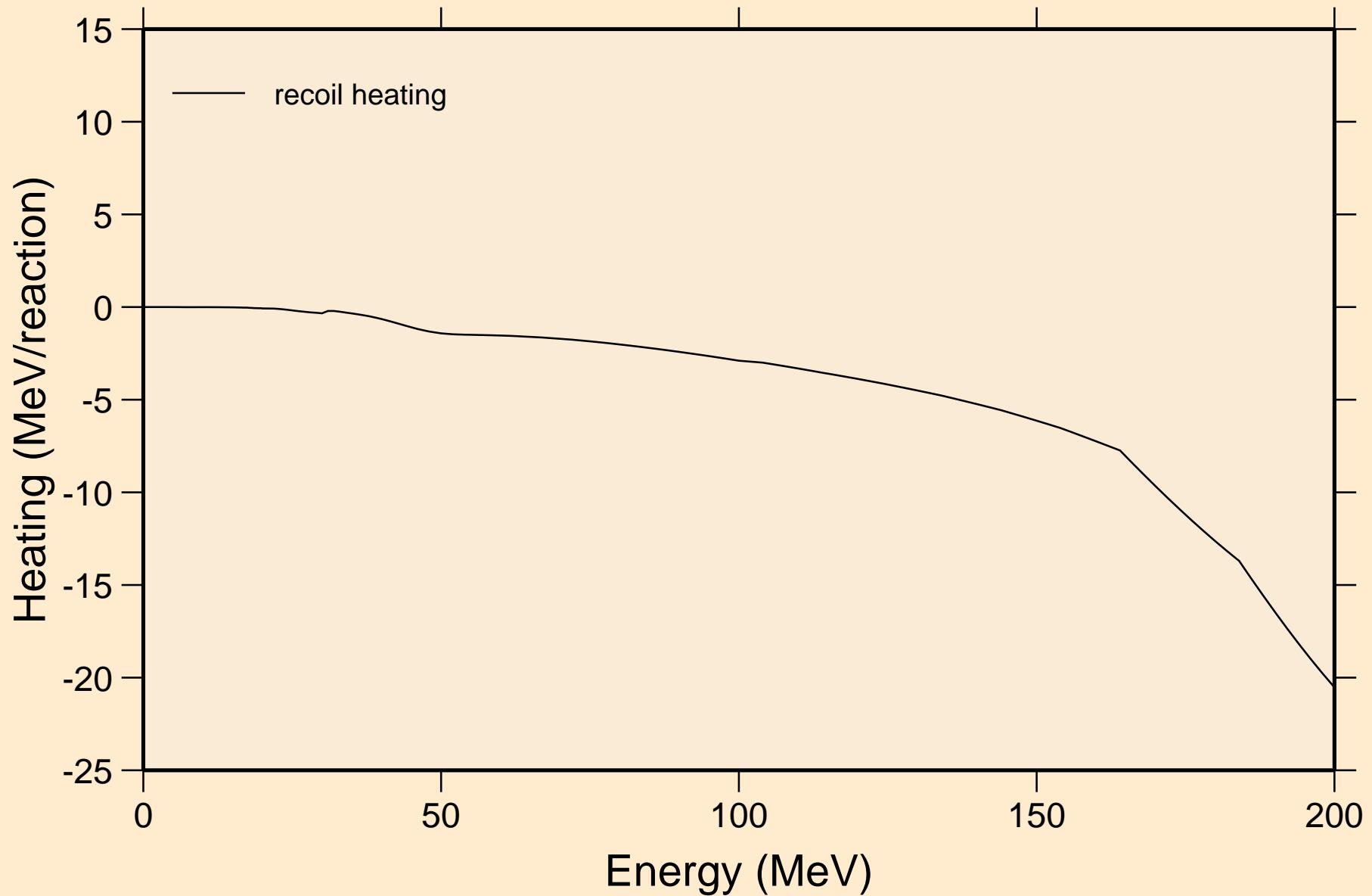
# AM243 NRG TENDL-2015, AKONING

## Particle heating contributions

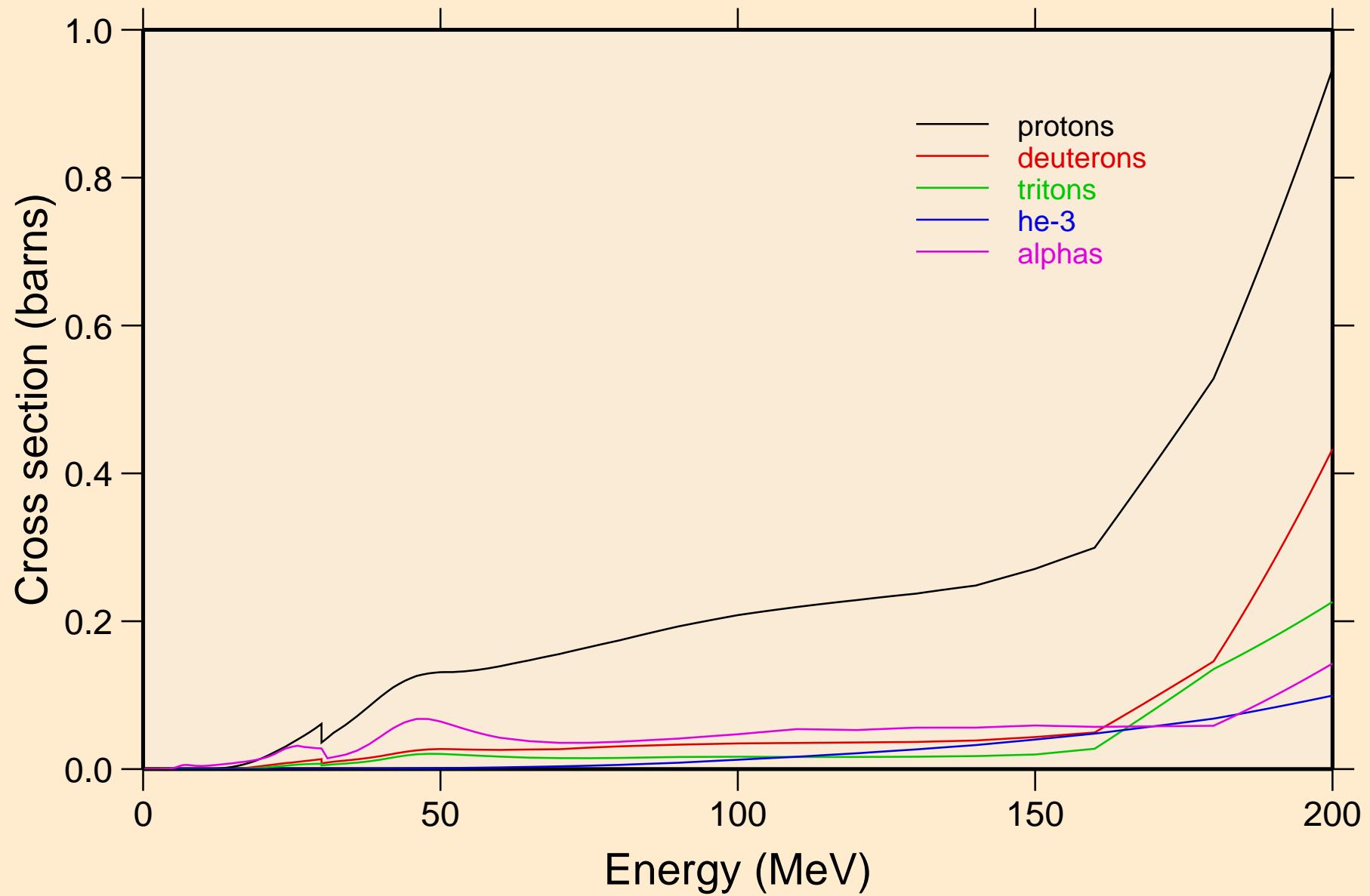


# AM243 NRG TENDL-2015, AKONING

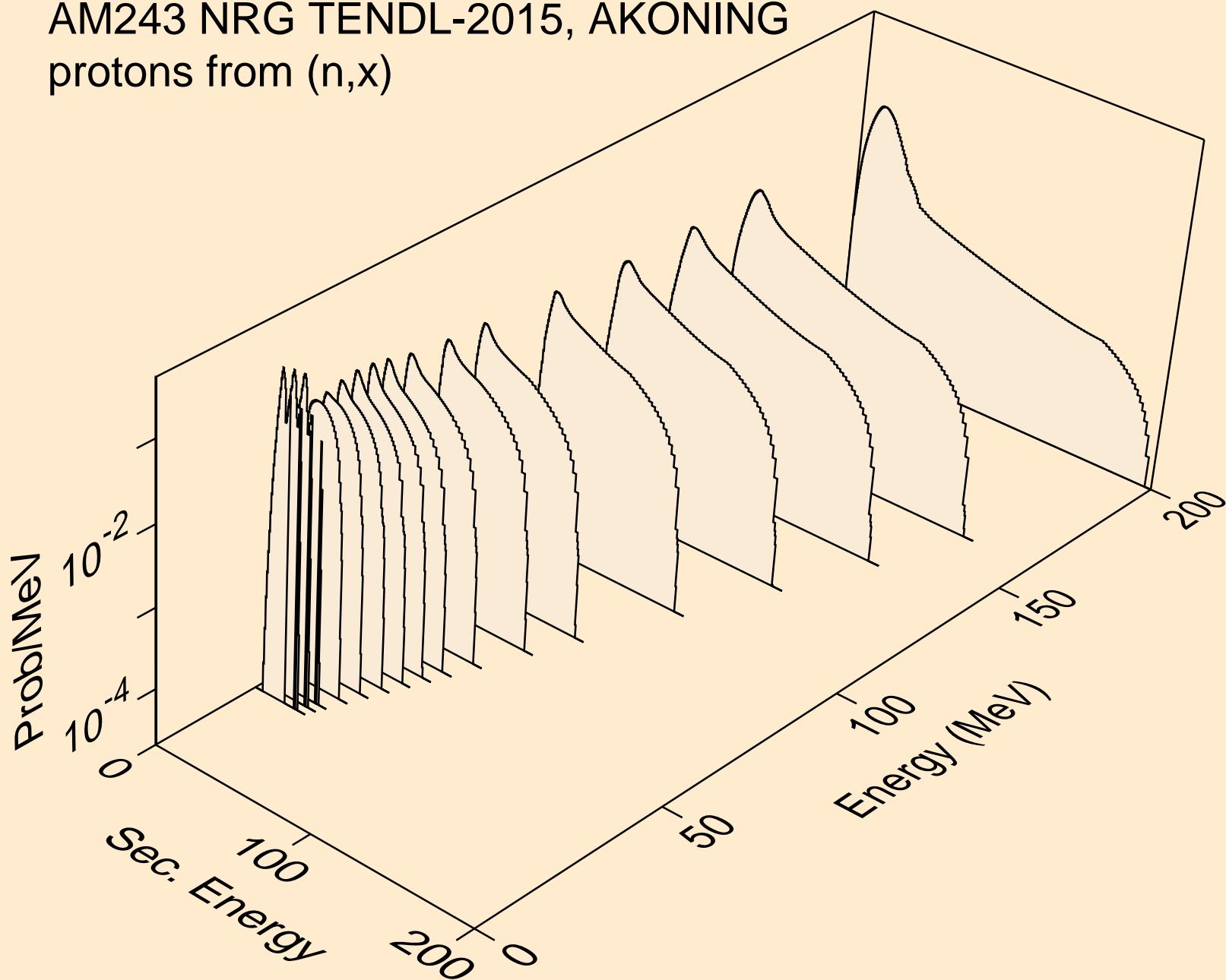
## Recoil Heating



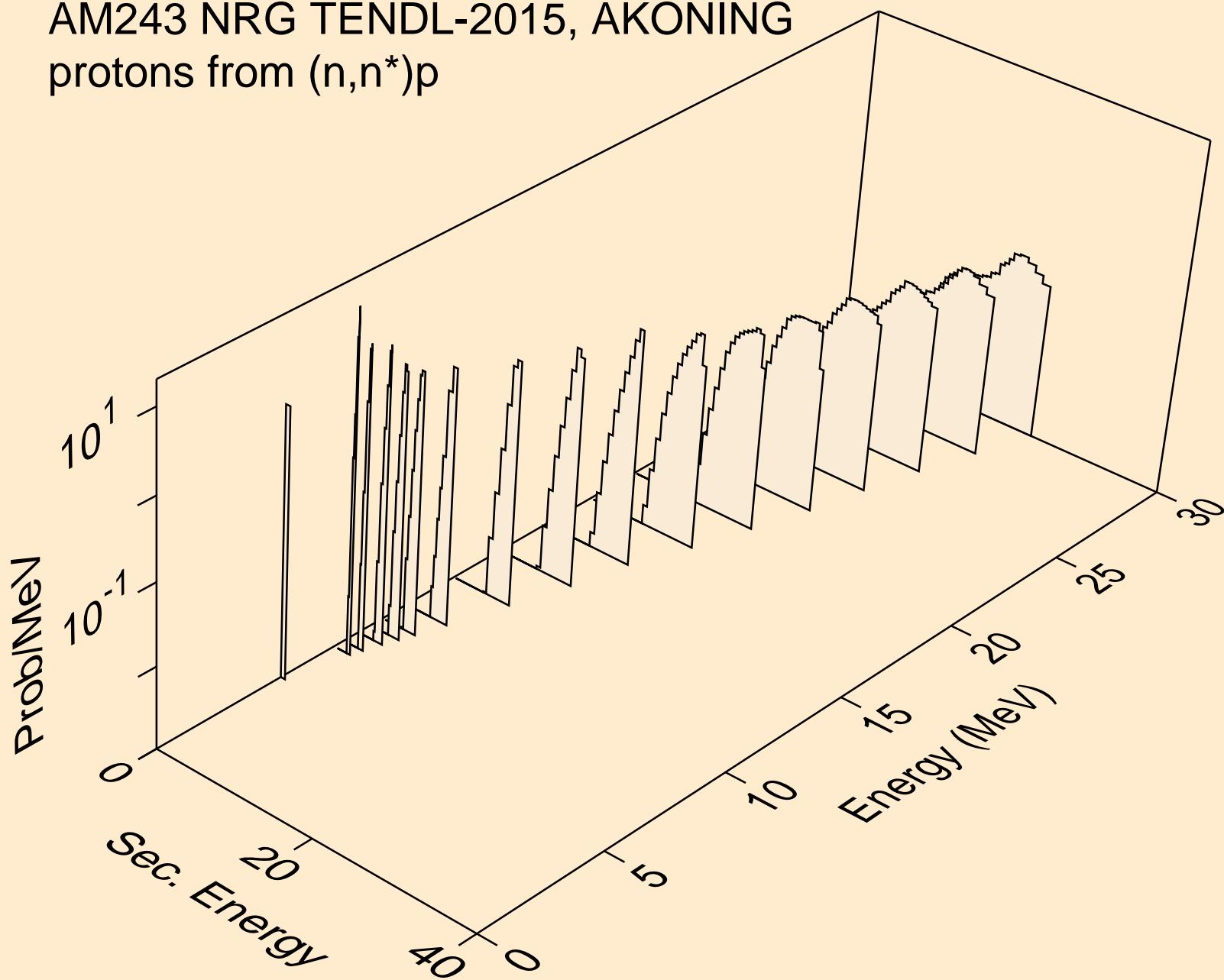
AM243 NRG TENDL-2015, AKONING  
Particle production cross sections



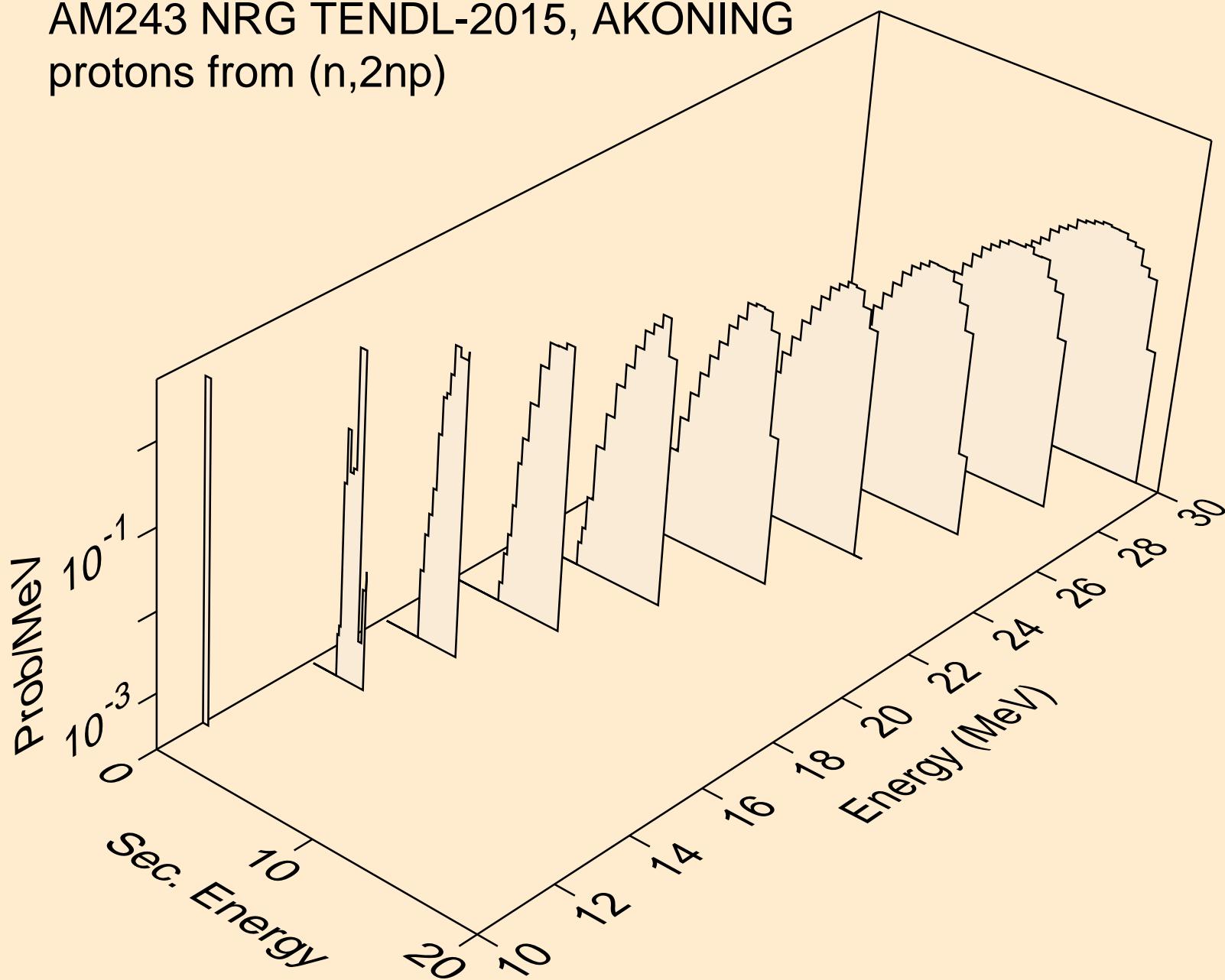
AM243 NRG TENDL-2015, AKONING  
protons from ( $n,x$ )



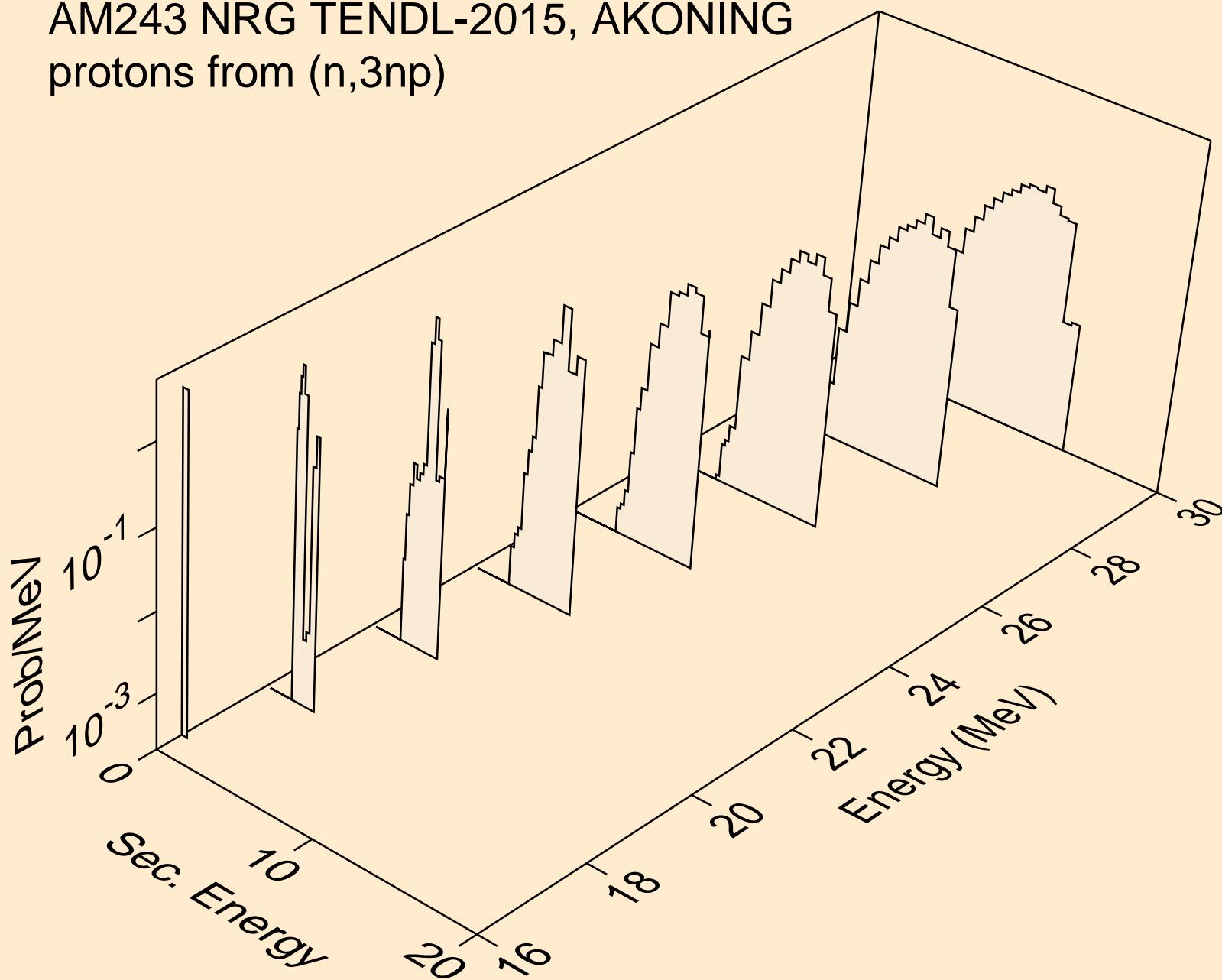
AM243 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



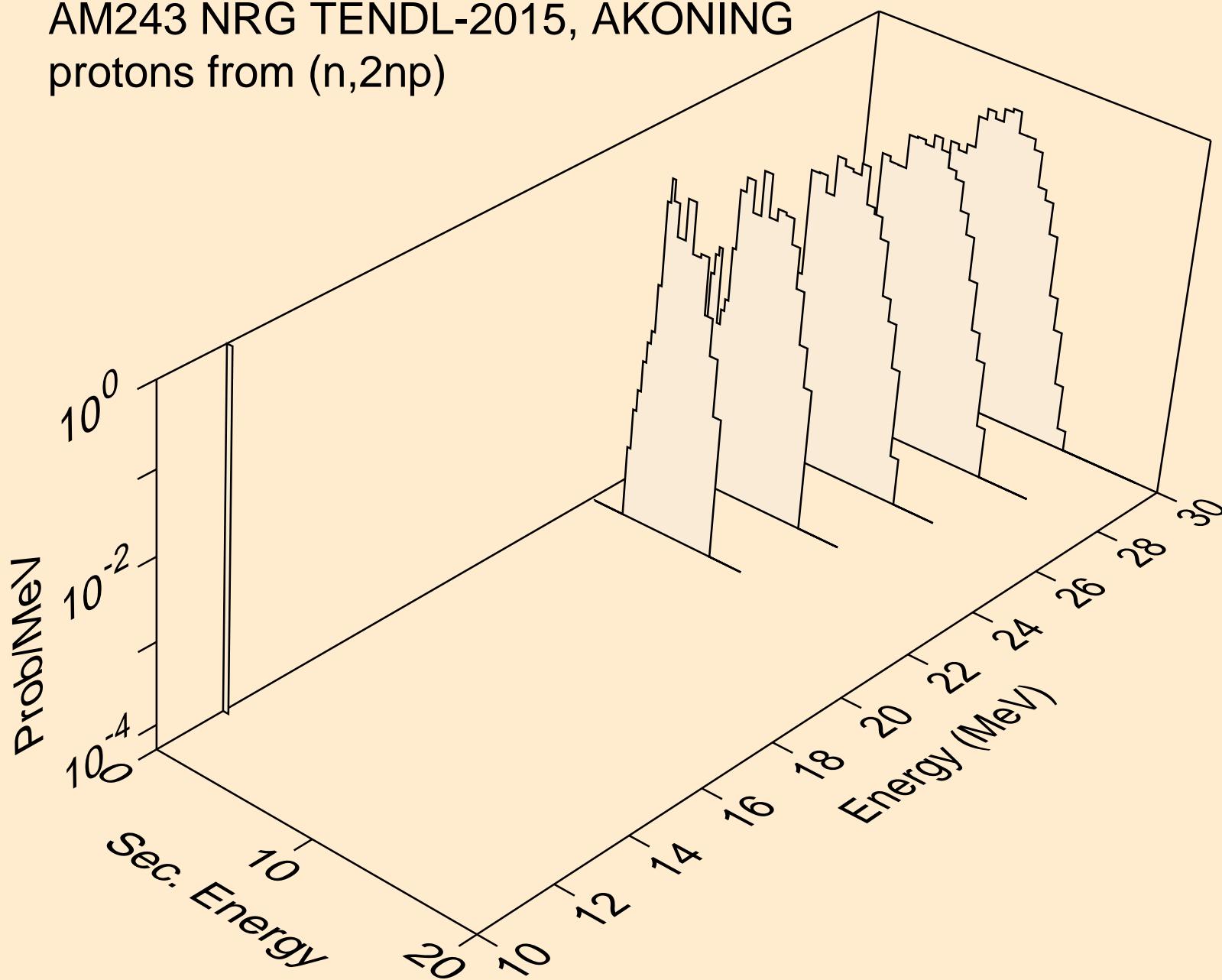
AM243 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



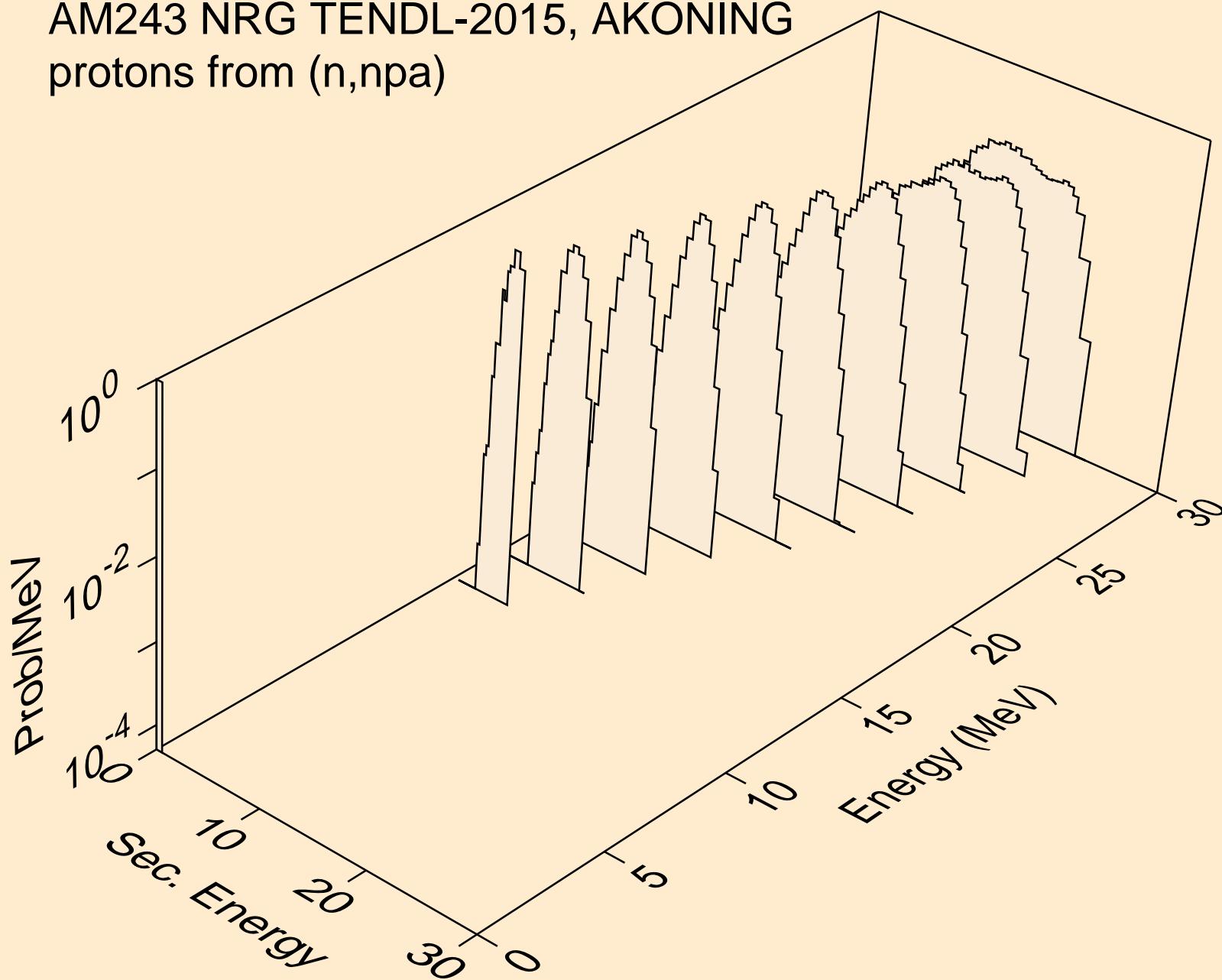
AM243 NRG TENDL-2015, AKONING  
protons from ( $n,3np$ )



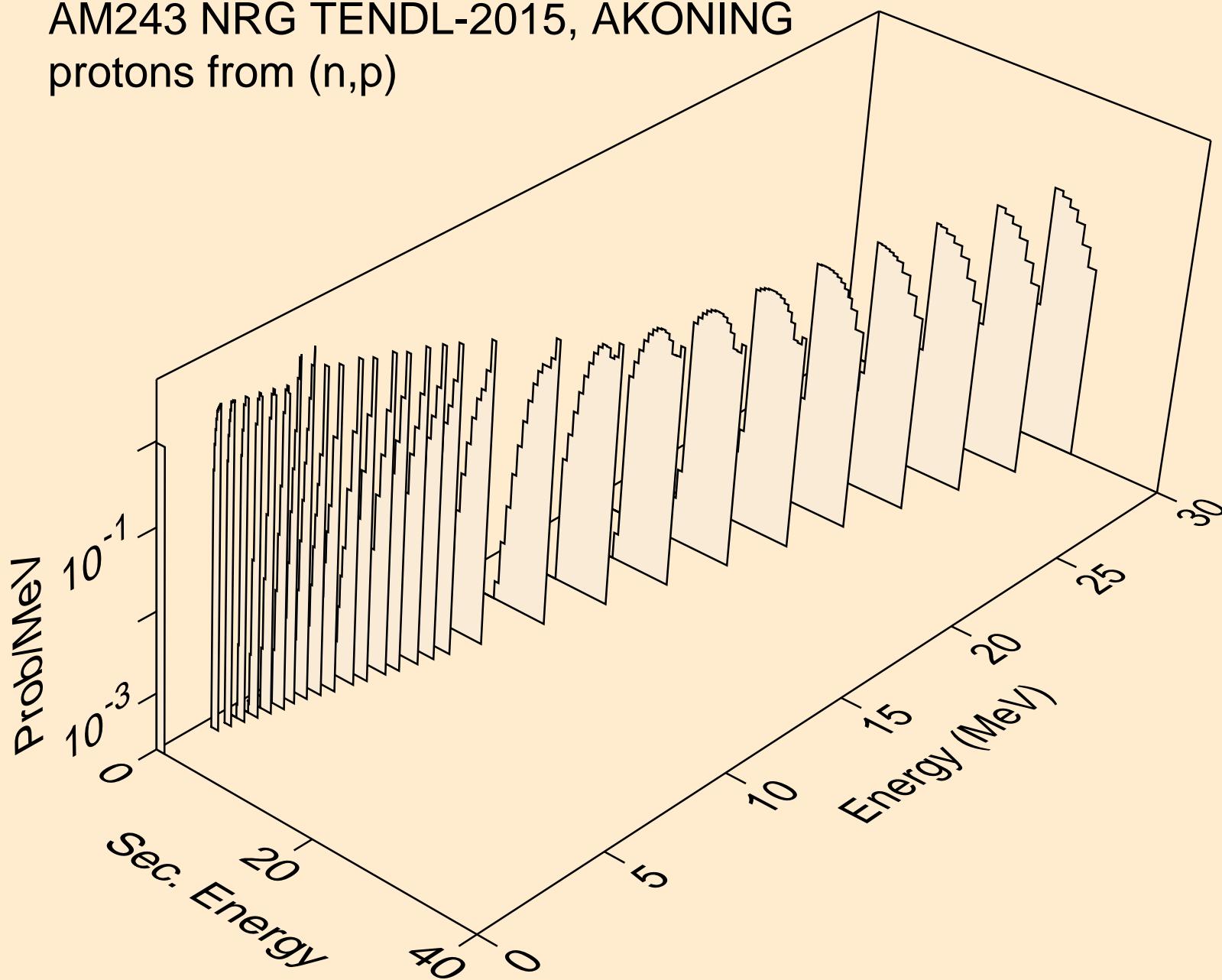
AM243 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



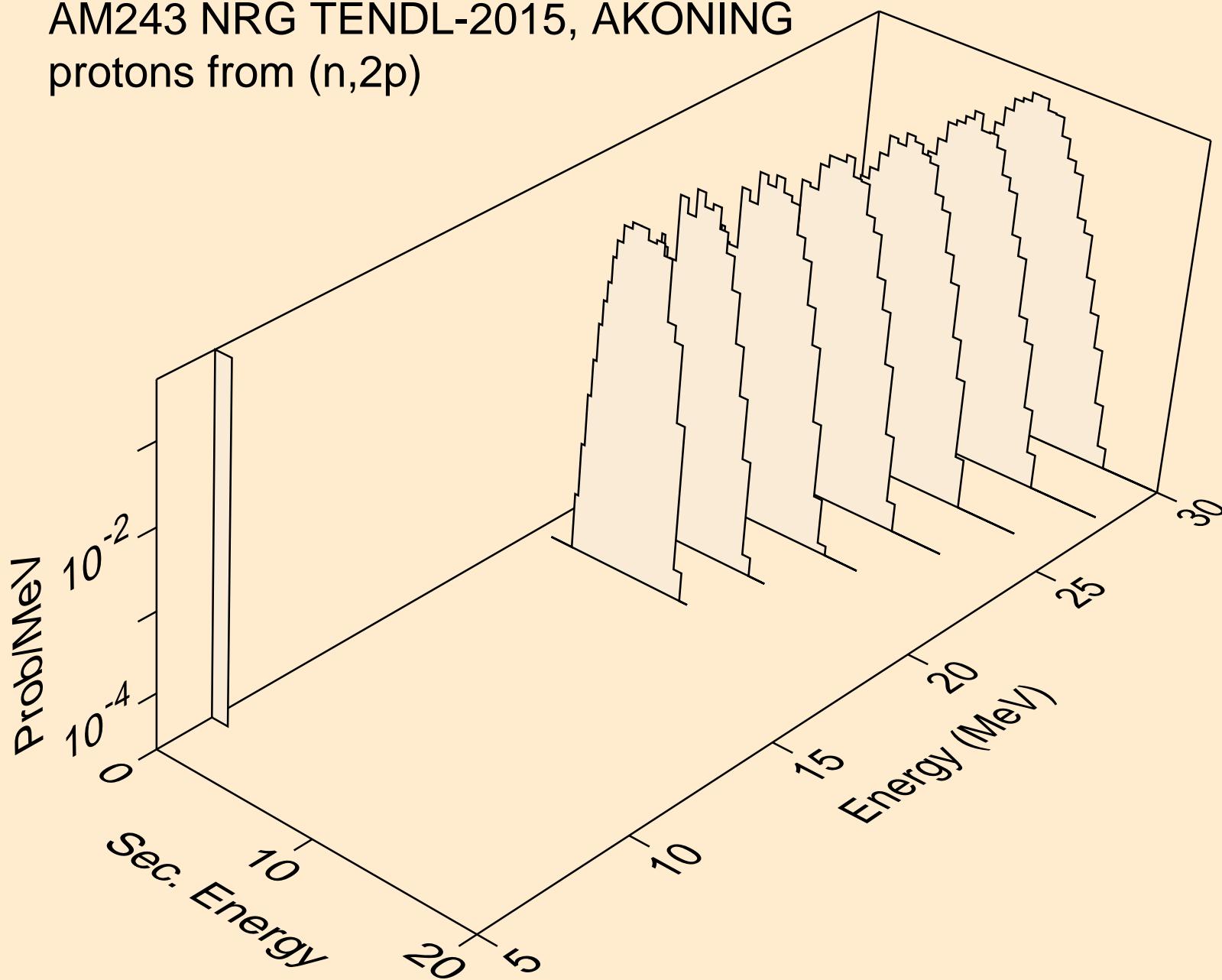
AM243 NRG TENDL-2015, AKONING  
protons from (n,npa)



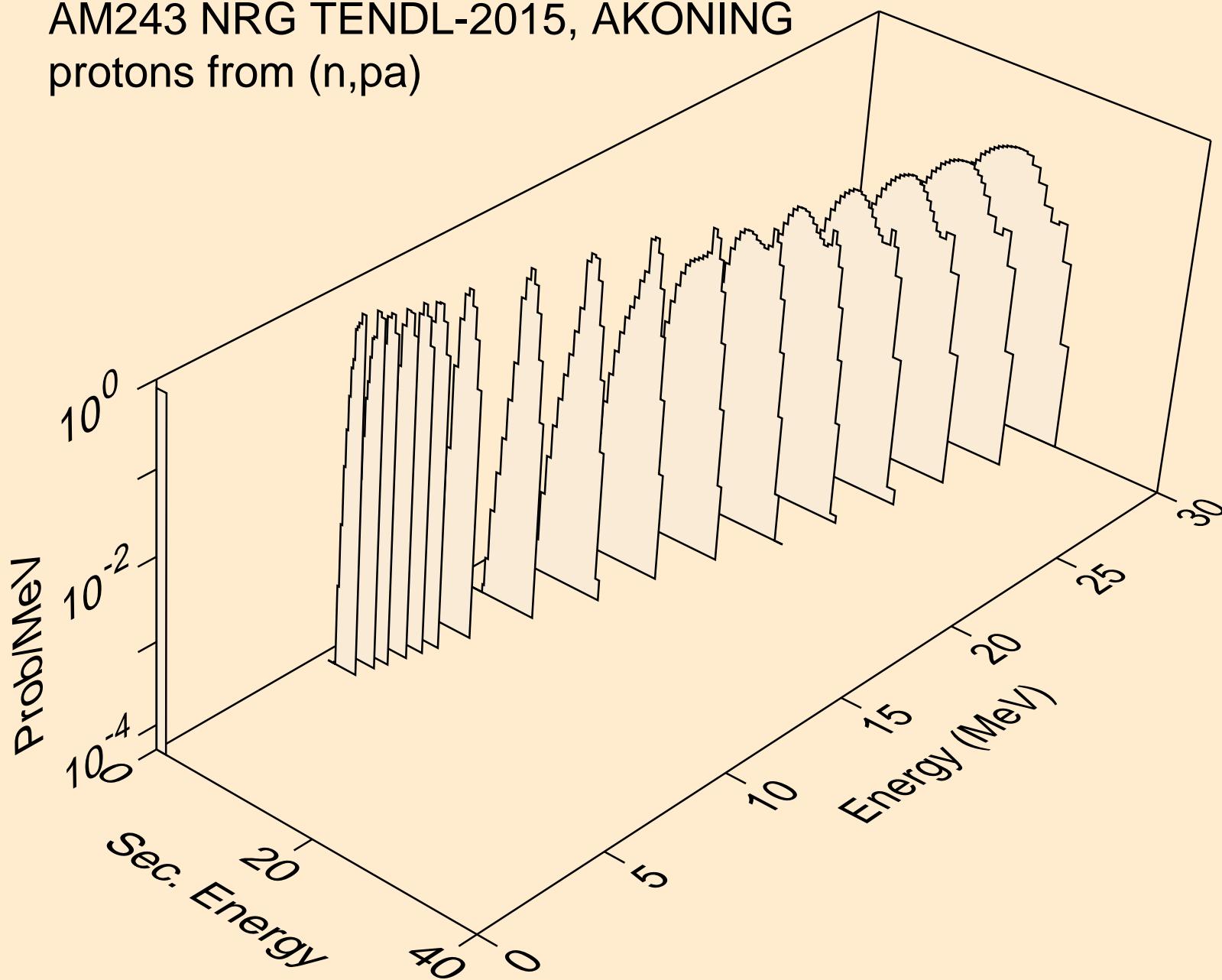
AM243 NRG TENDL-2015, AKONING  
protons from (n,p)



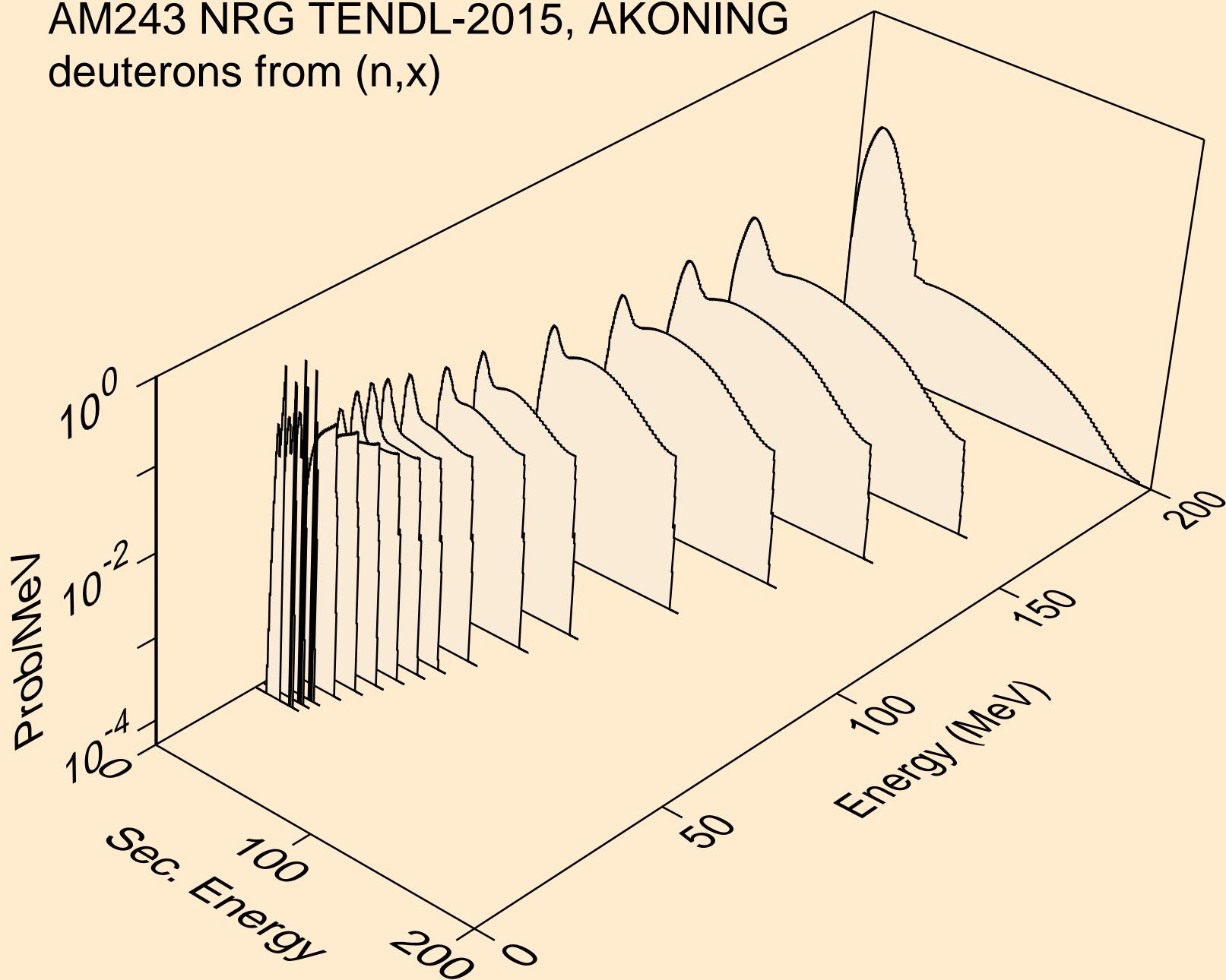
AM243 NRG TENDL-2015, AKONING  
protons from (n,2p)



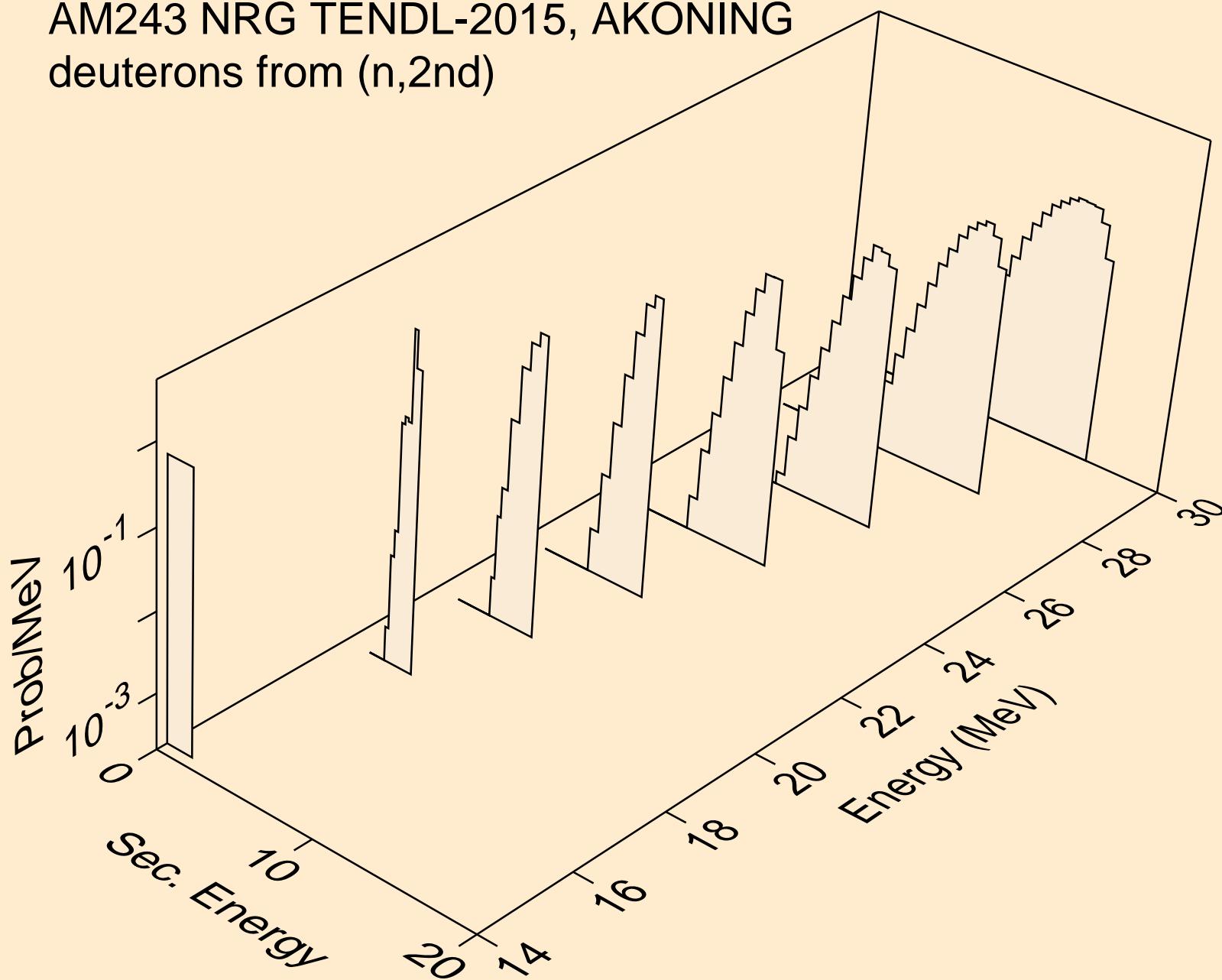
AM243 NRG TENDL-2015, AKONING  
protons from (n,pa)



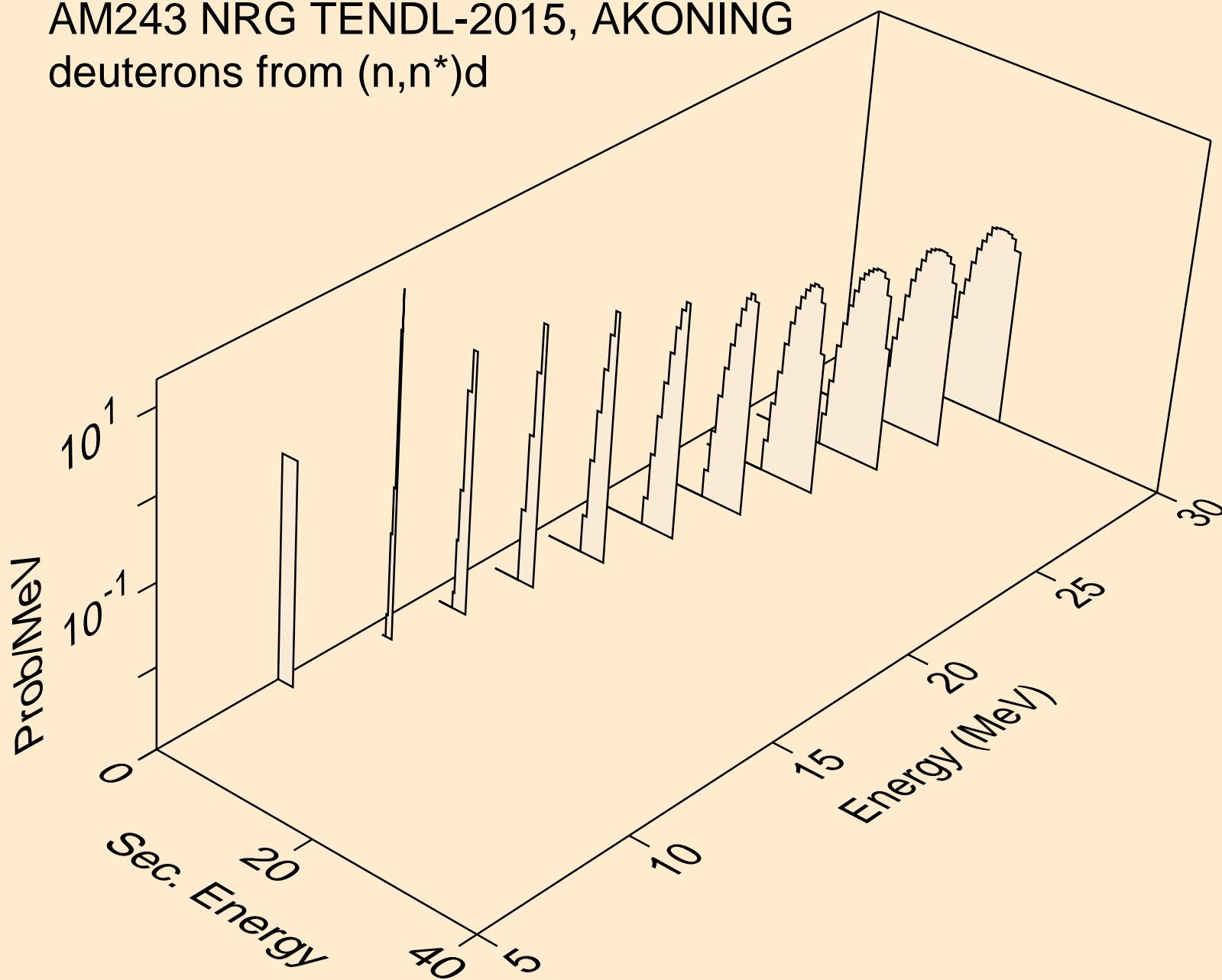
AM243 NRG TENDL-2015, AKONING  
deuterons from ( $n, x$ )



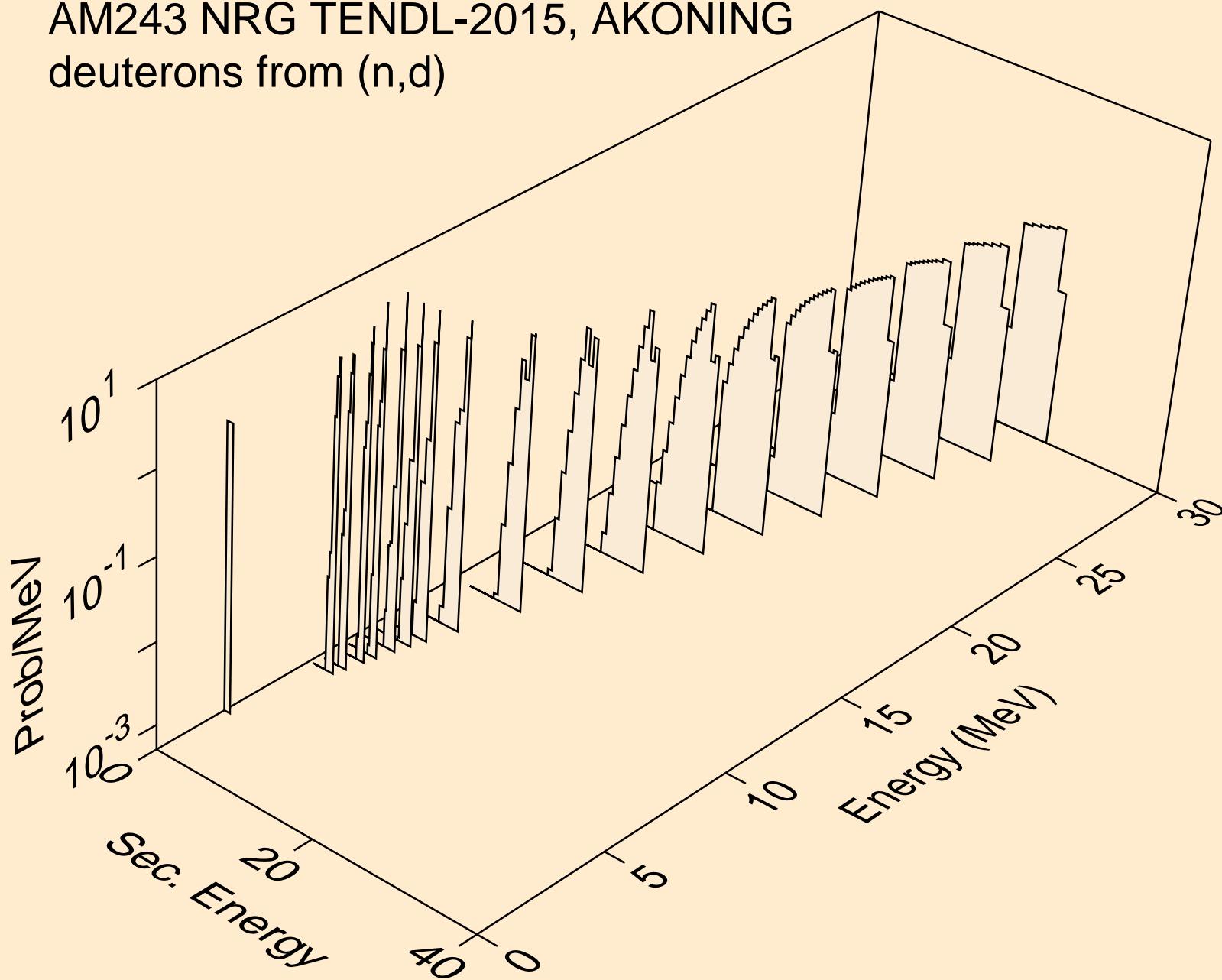
AM243 NRG TENDL-2015, AKONING  
deuterons from ( $n,2nd$ )



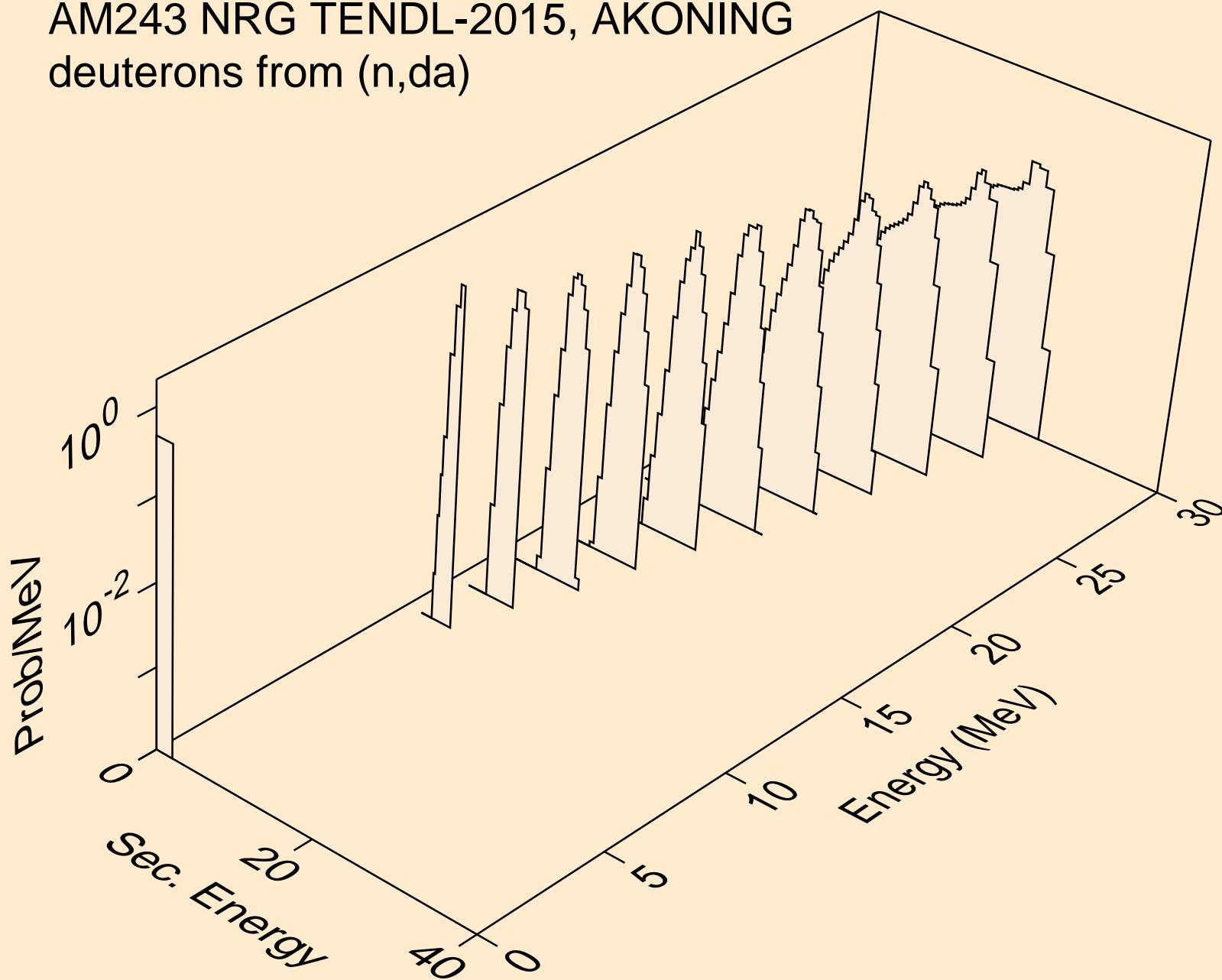
AM243 NRG TENDL-2015, AKONING  
deuterons from  $(n,n^*)d$



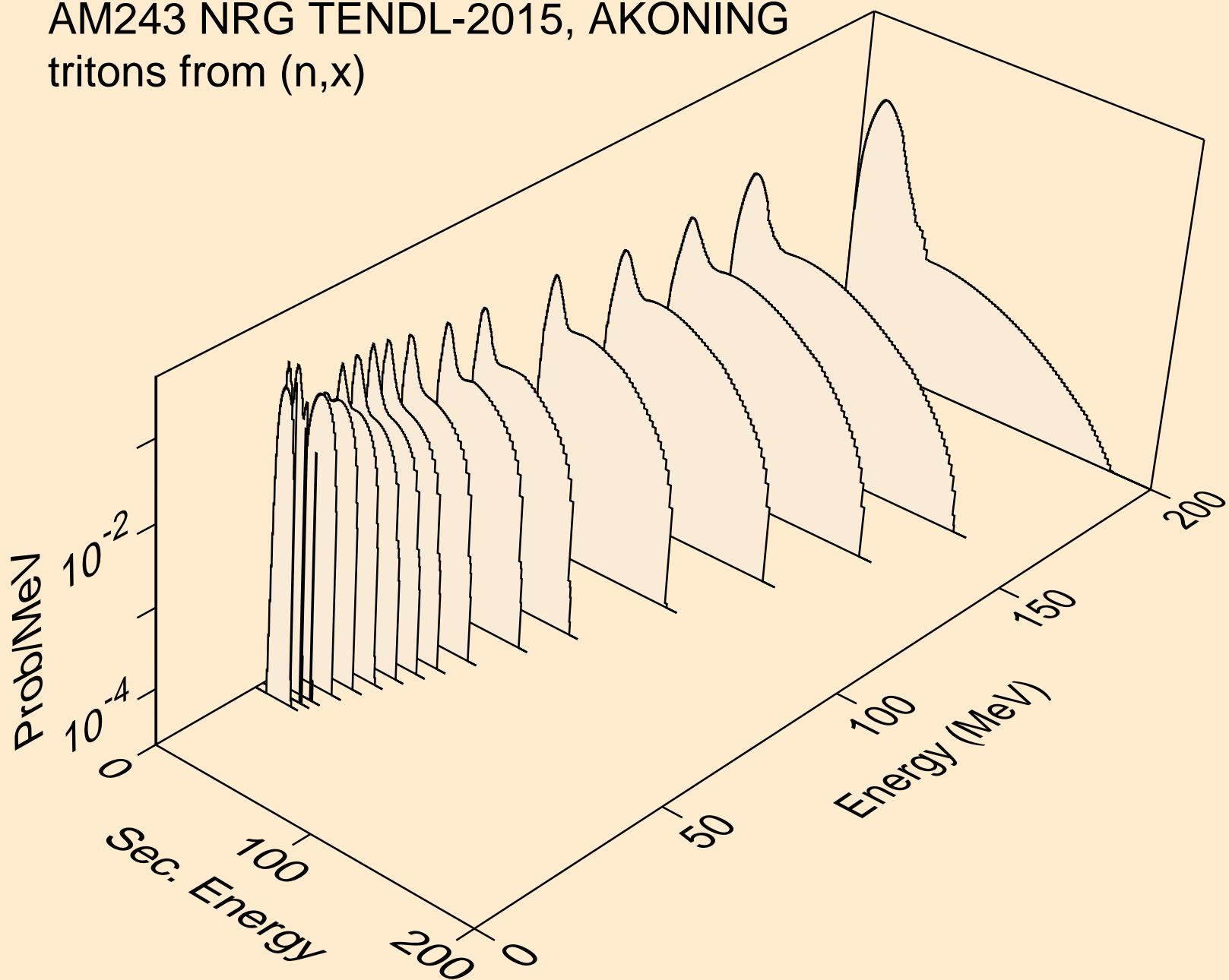
AM243 NRG TENDL-2015, AKONING  
deuterons from ( $n, d$ )



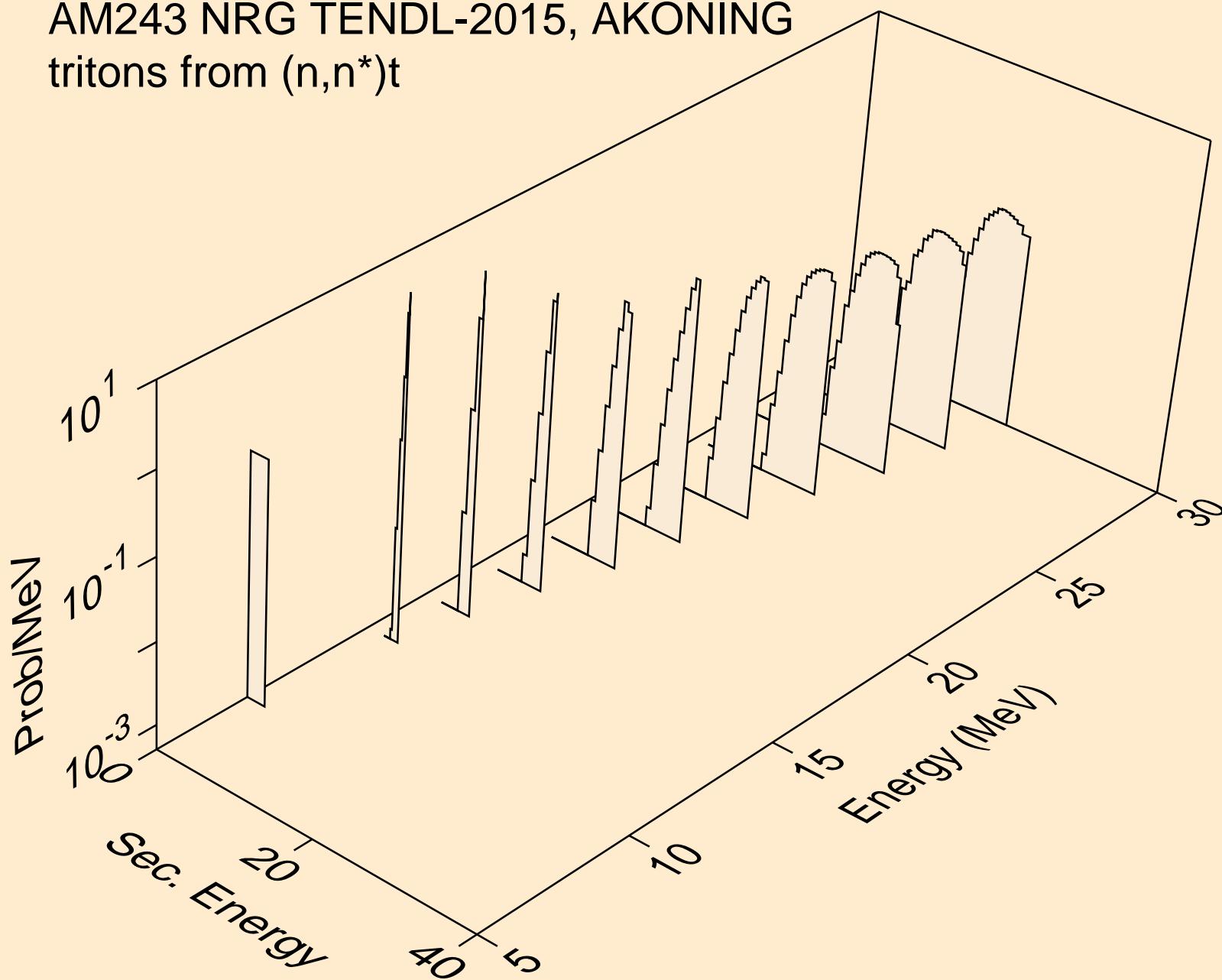
AM243 NRG TENDL-2015, AKONING  
deuterons from (n,da)



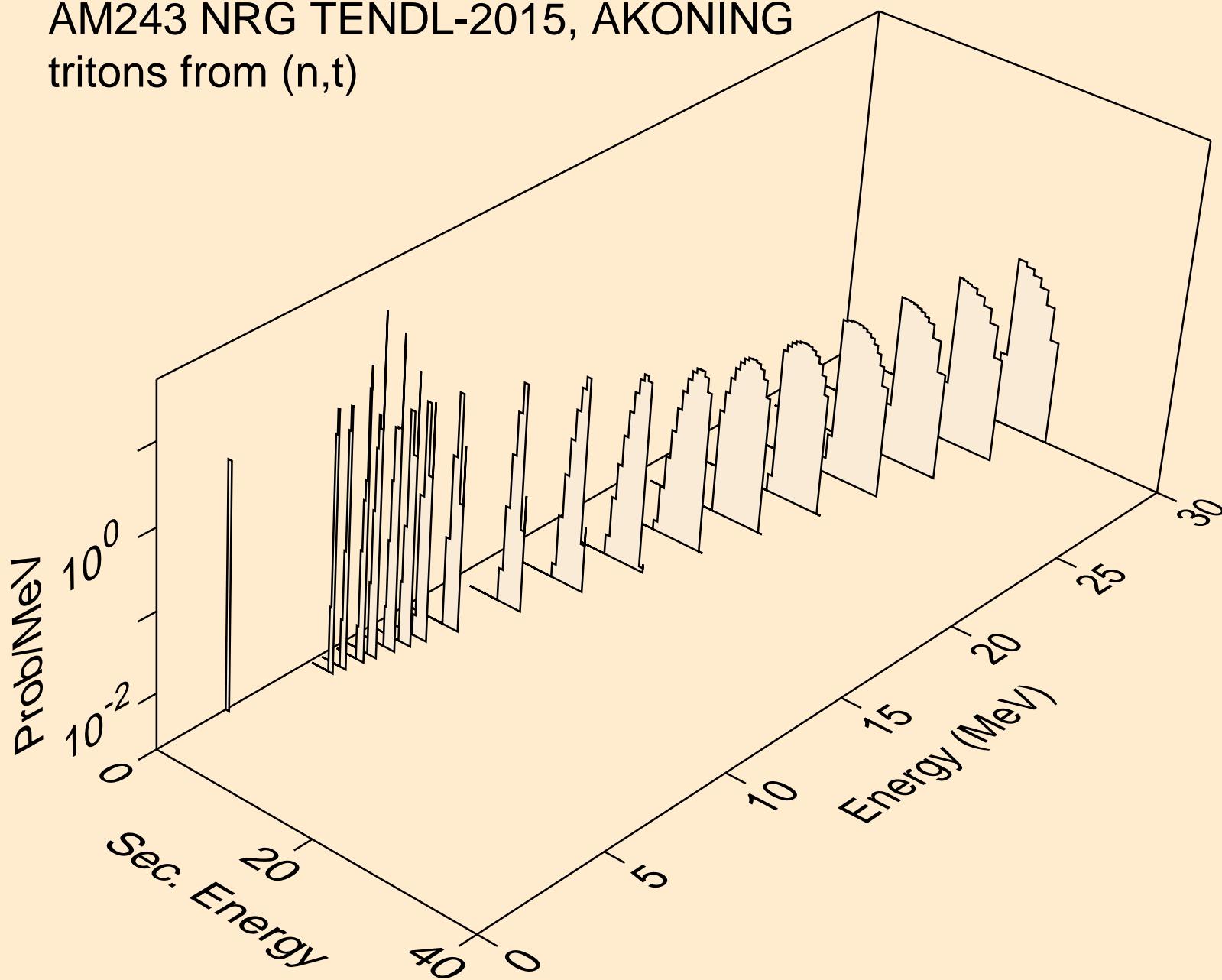
AM243 NRG TENDL-2015, AKONING  
tritons from ( $n,x$ )



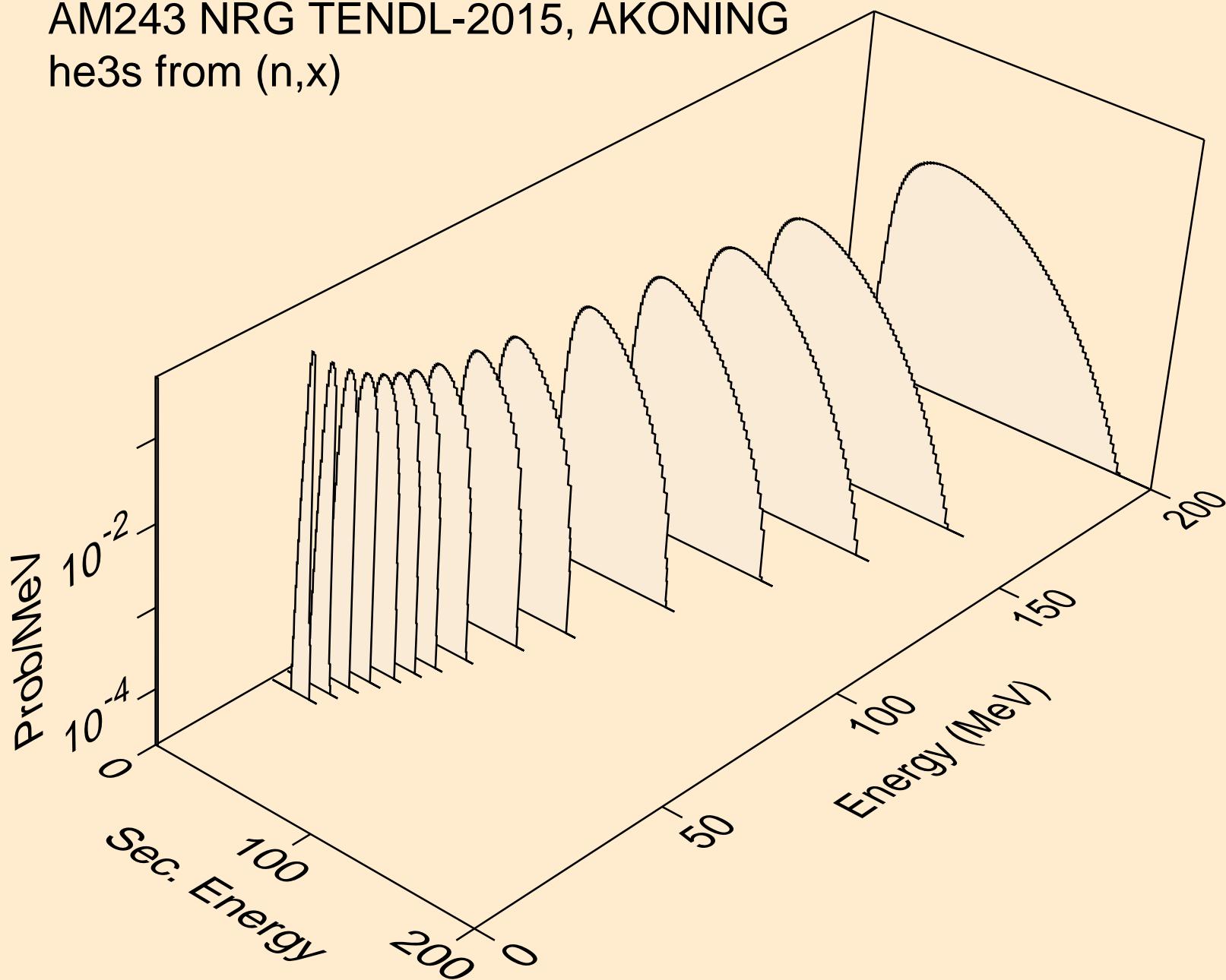
AM243 NRG TENDL-2015, AKONING  
tritons from  $(n,n^*)t$



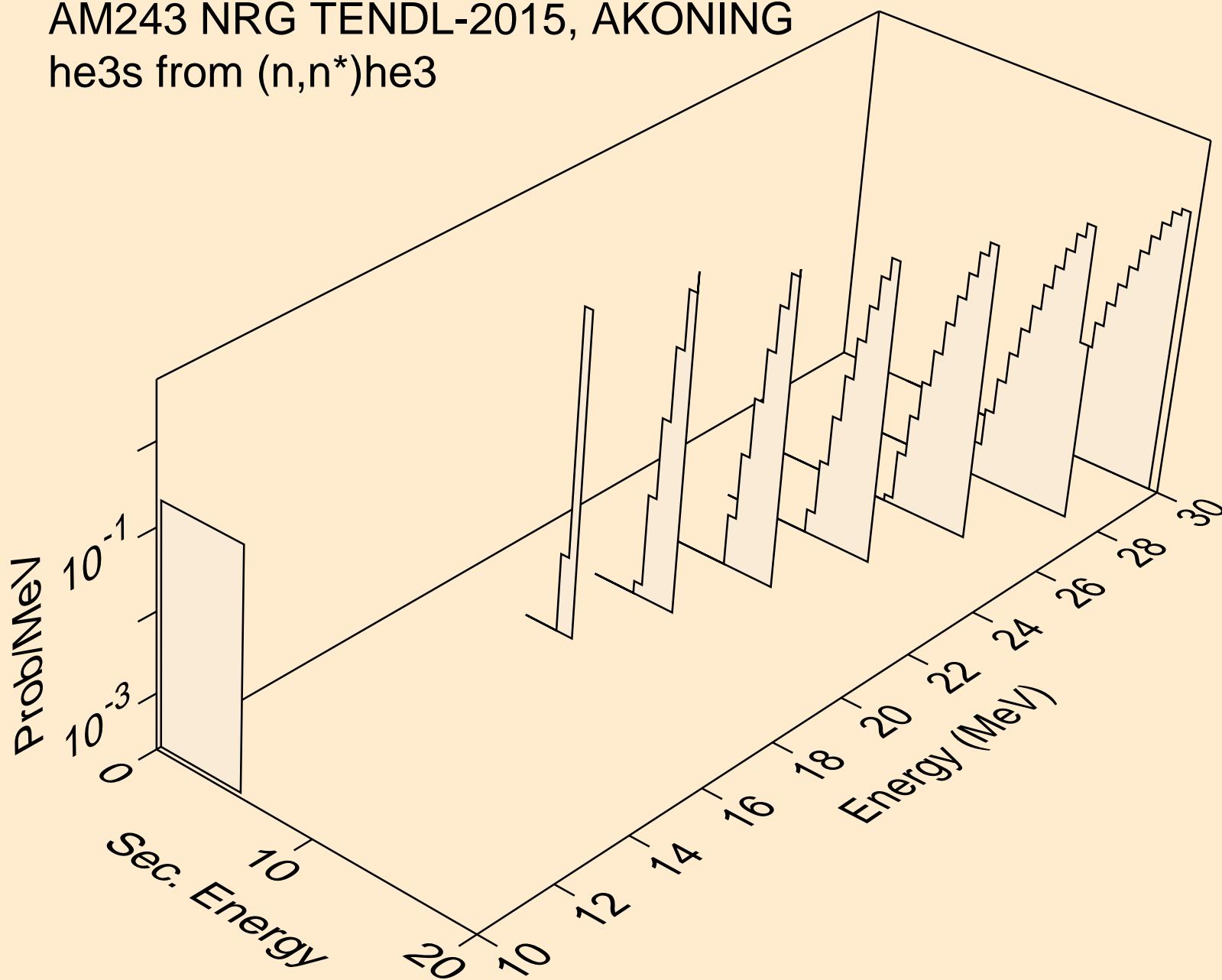
AM243 NRG TENDL-2015, AKONING  
tritons from (n,t)



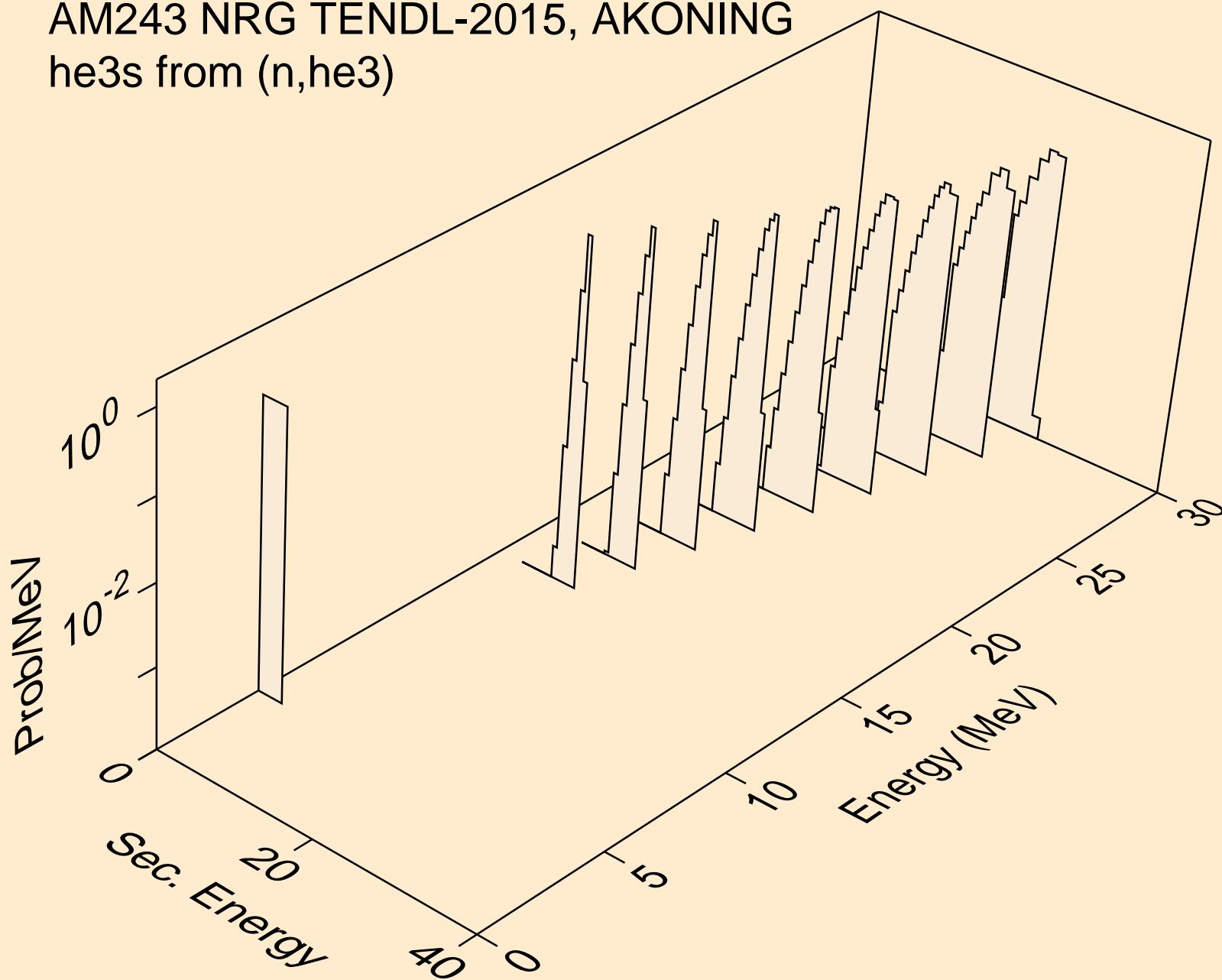
AM243 NRG TENDL-2015, AKONING  
he3s from (n,x)



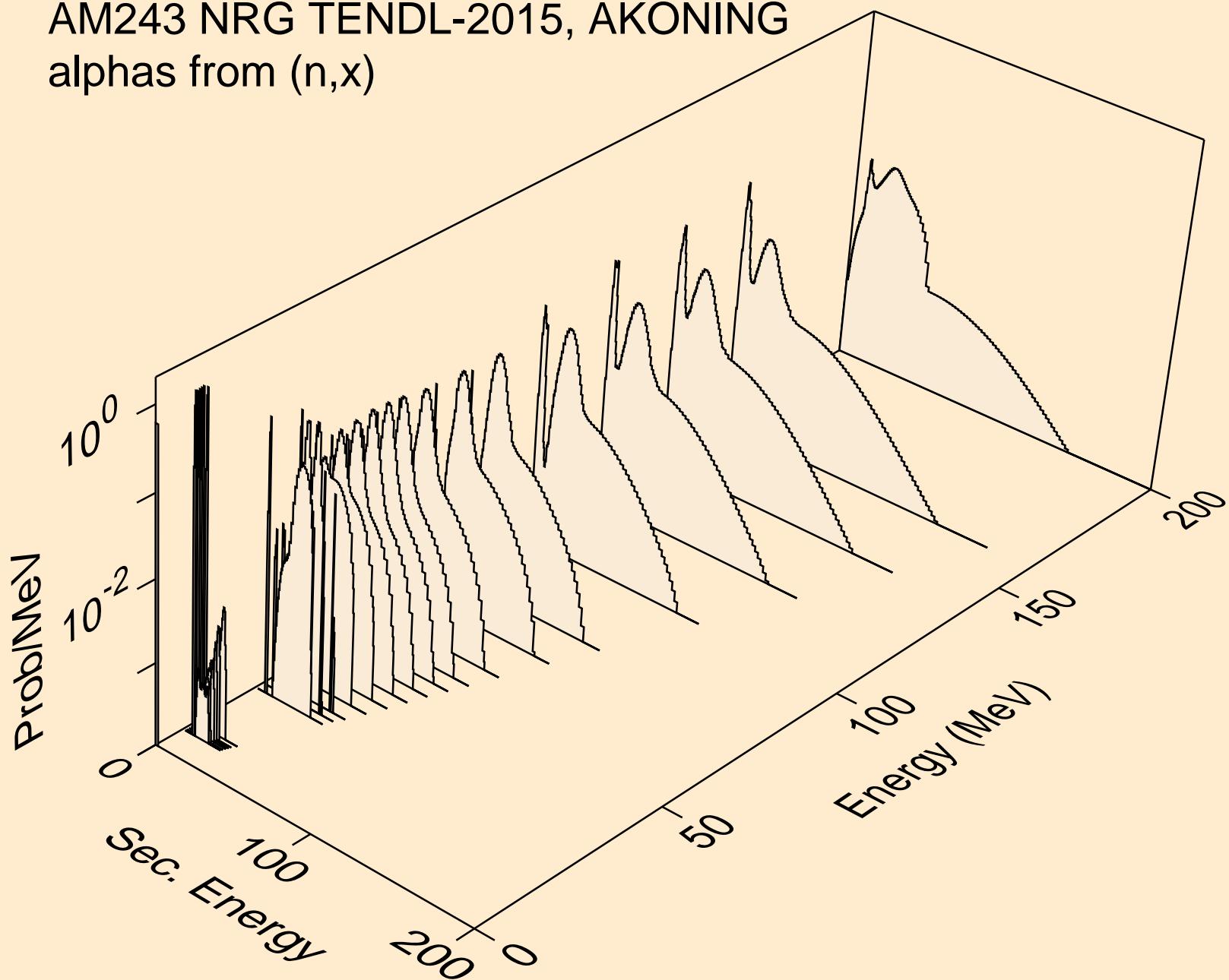
AM243 NRG TENDL-2015, AKONING  
he3s from  $(n,n^*)\text{he3}$



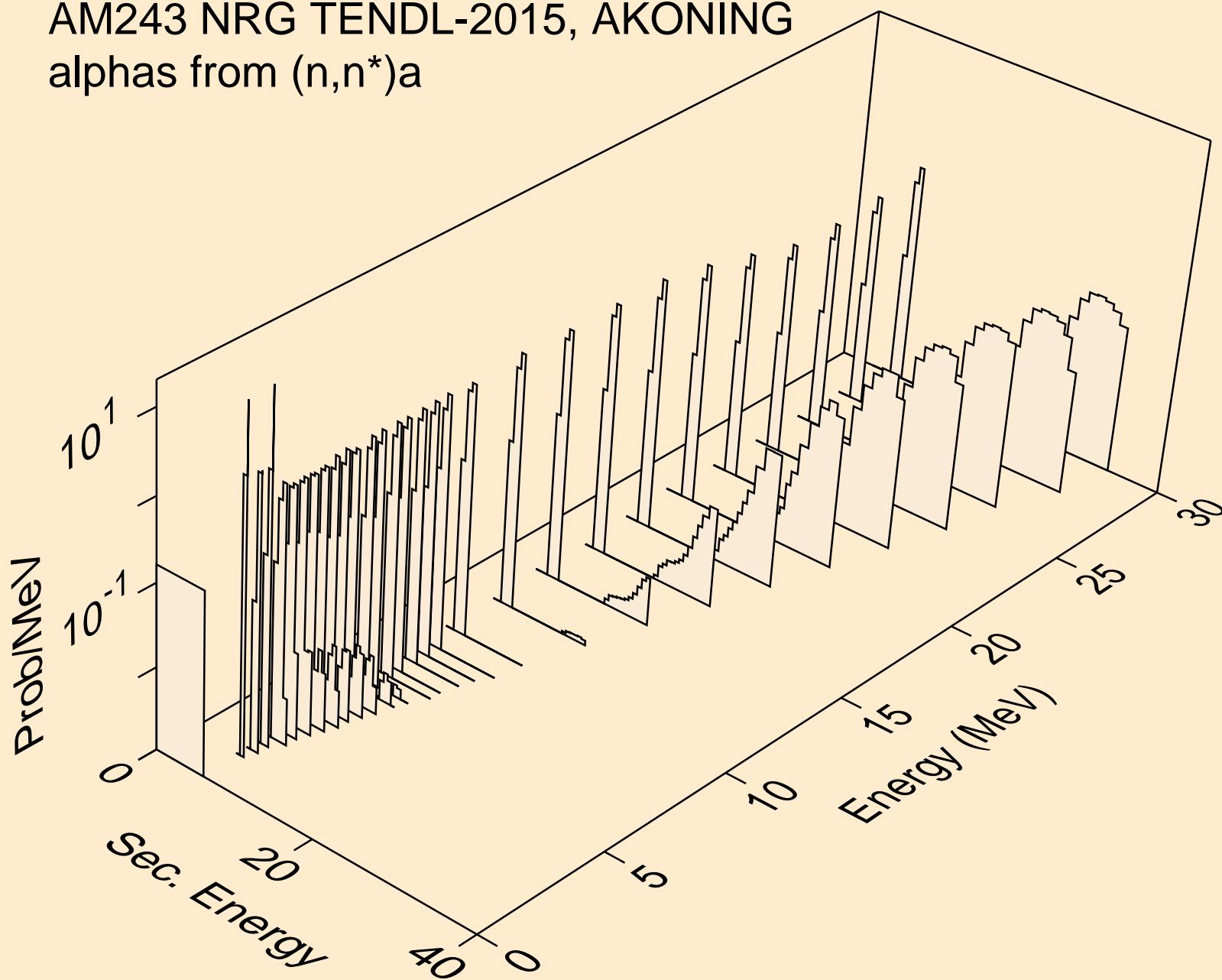
AM243 NRG TENDL-2015, AKONING  
he3s from (n,he3)



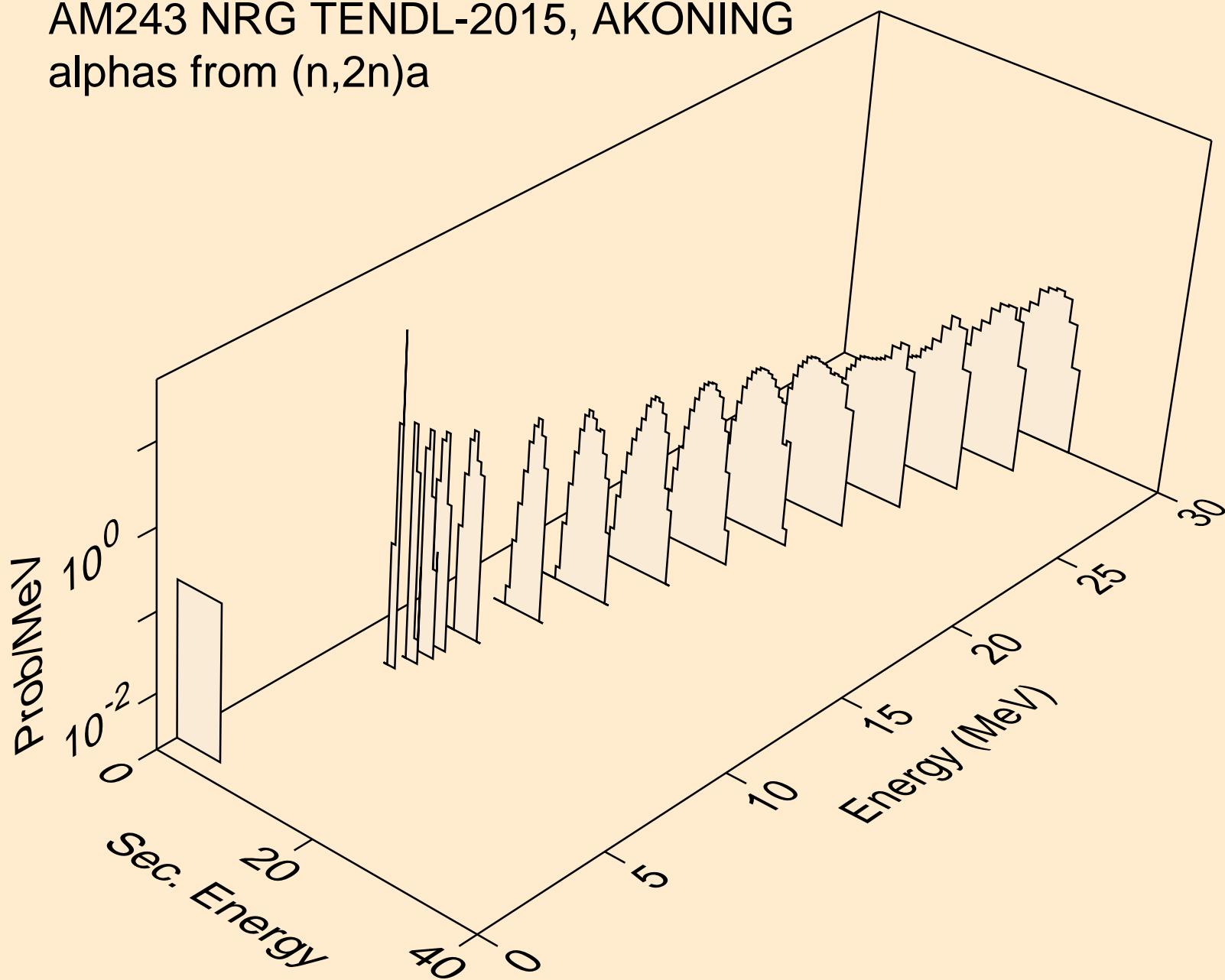
AM243 NRG TENDL-2015, AKONING  
alphas from (n,x)



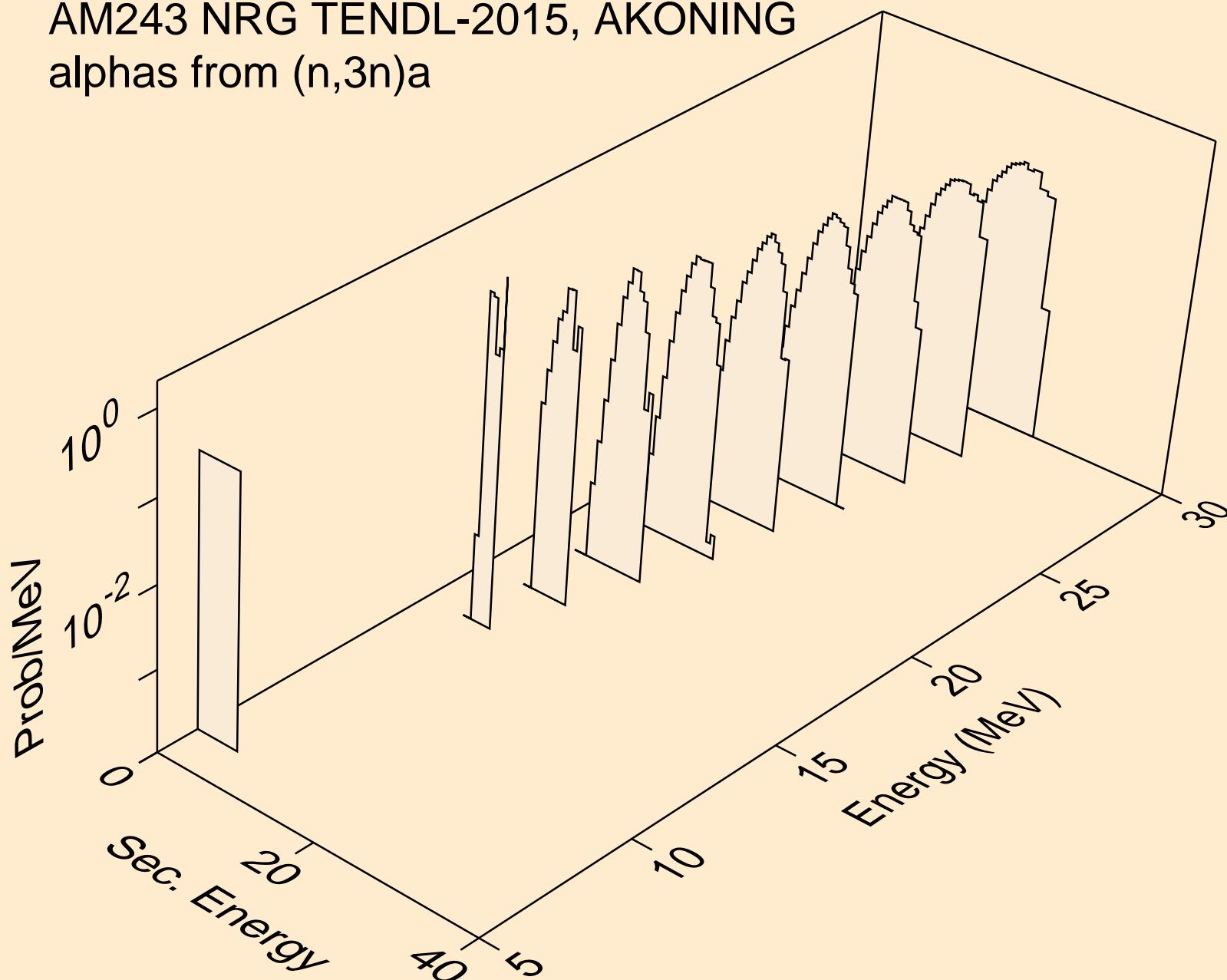
AM243 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)a$



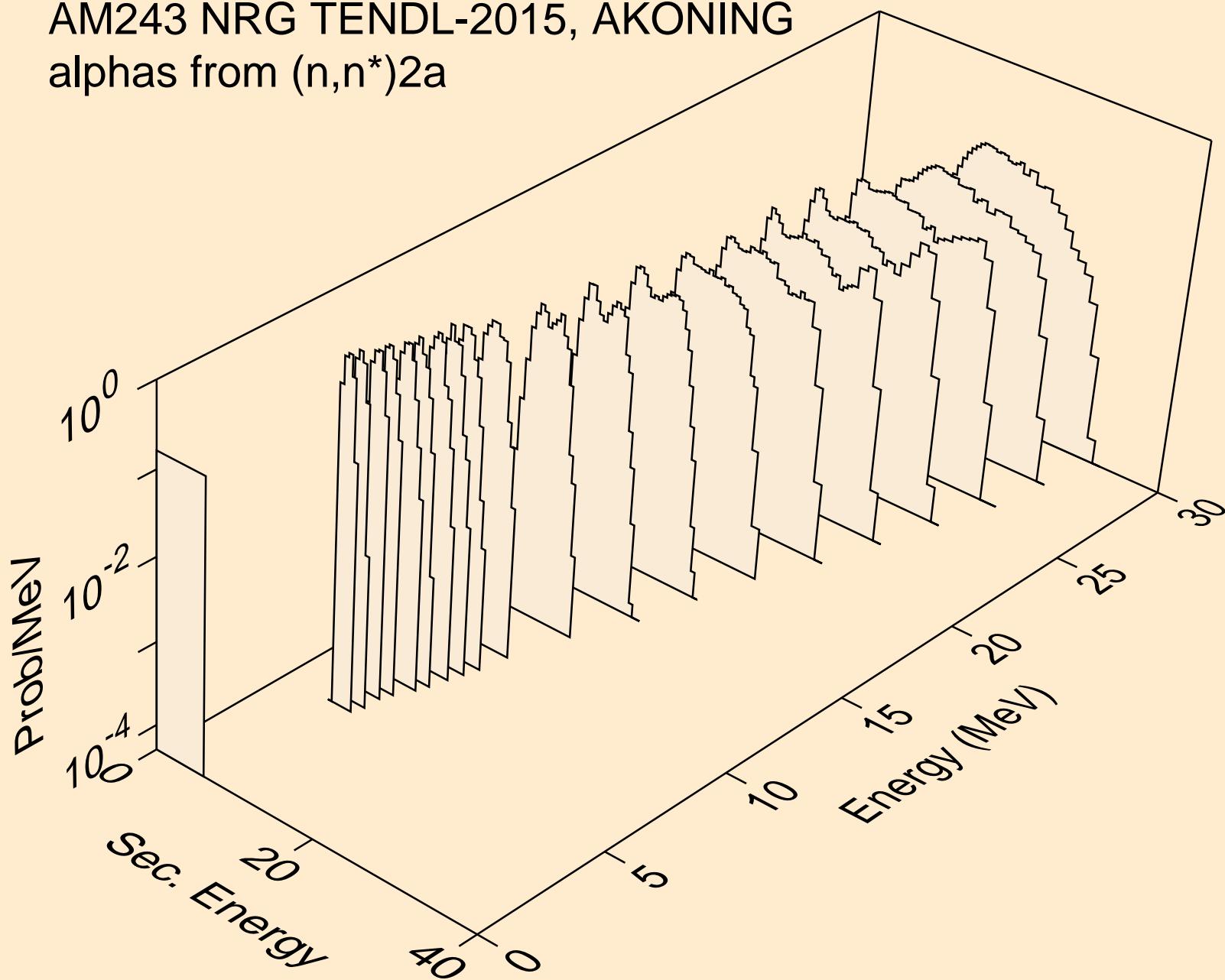
AM243 NRG TENDL-2015, AKONING  
alphas from ( $n,2n$ )a



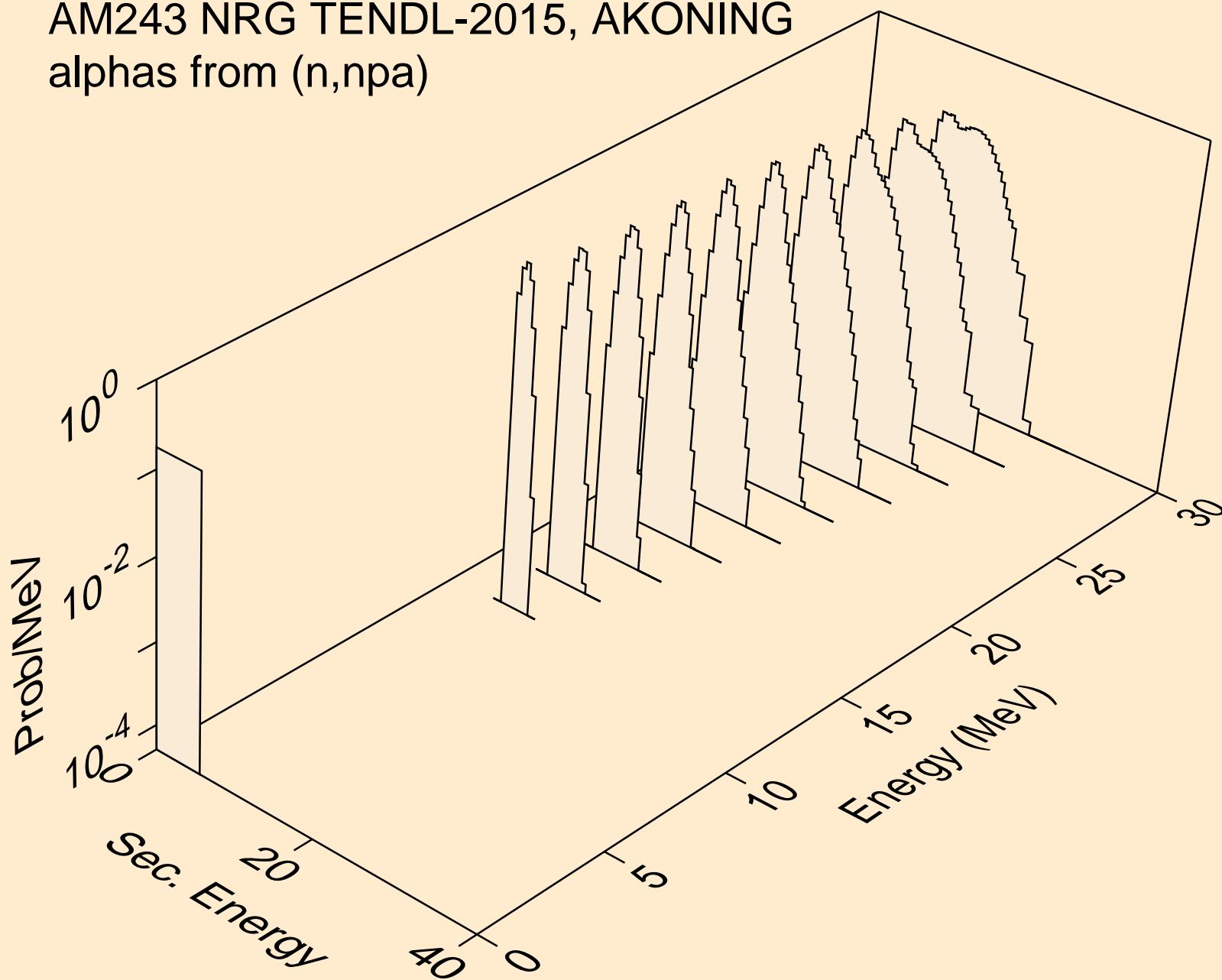
AM243 NRG TENDL-2015, AKONING  
alphas from  $(n,3n)a$



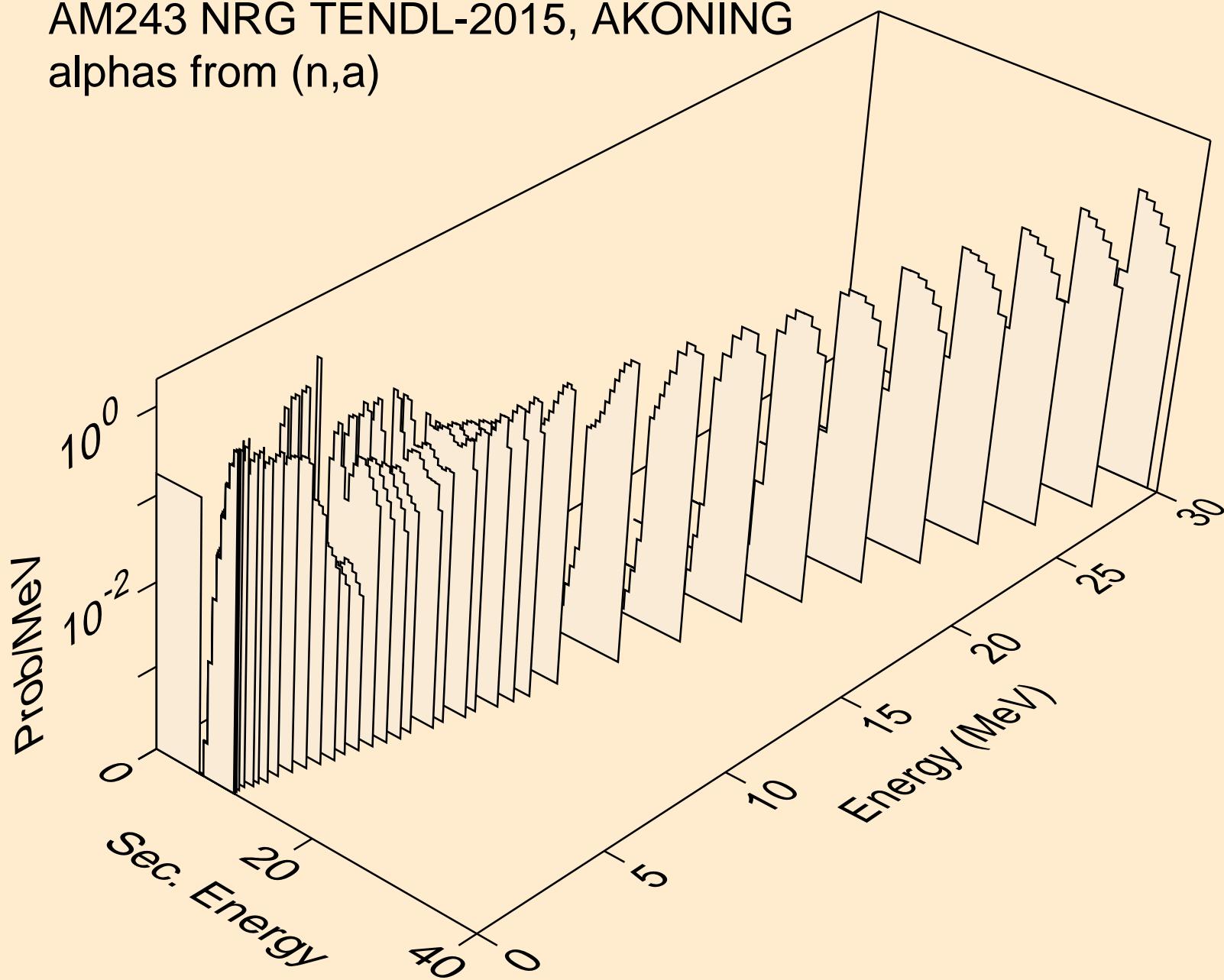
AM243 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)2a$



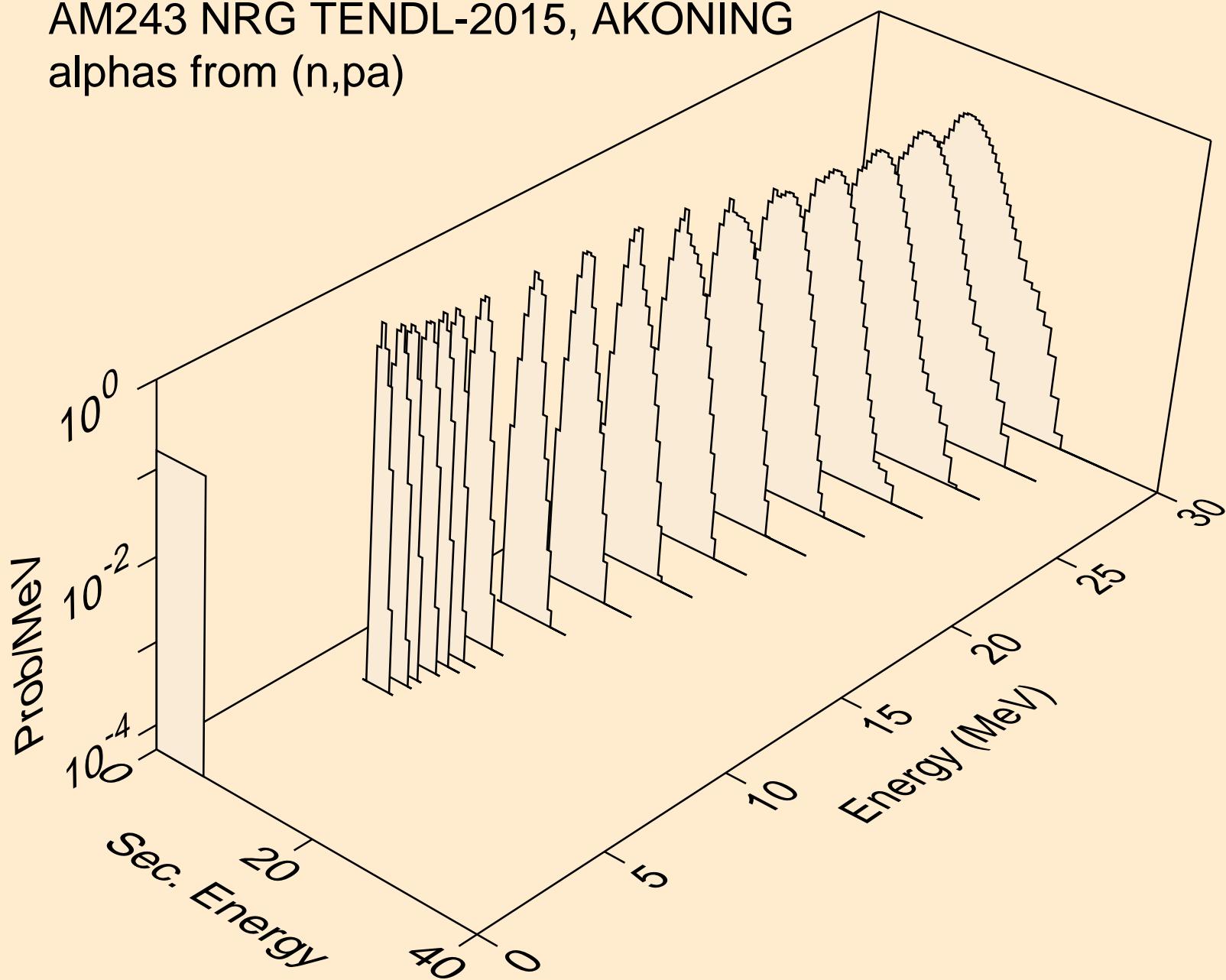
AM243 NRG TENDL-2015, AKONING  
alphas from (n,npa)



AM243 NRG TENDL-2015, AKONING  
alphas from (n,a)



AM243 NRG TENDL-2015, AKONING  
alphas from (n,pa)



AM243 NRG TENDL-2015, AKONING  
alphas from (n,da)

