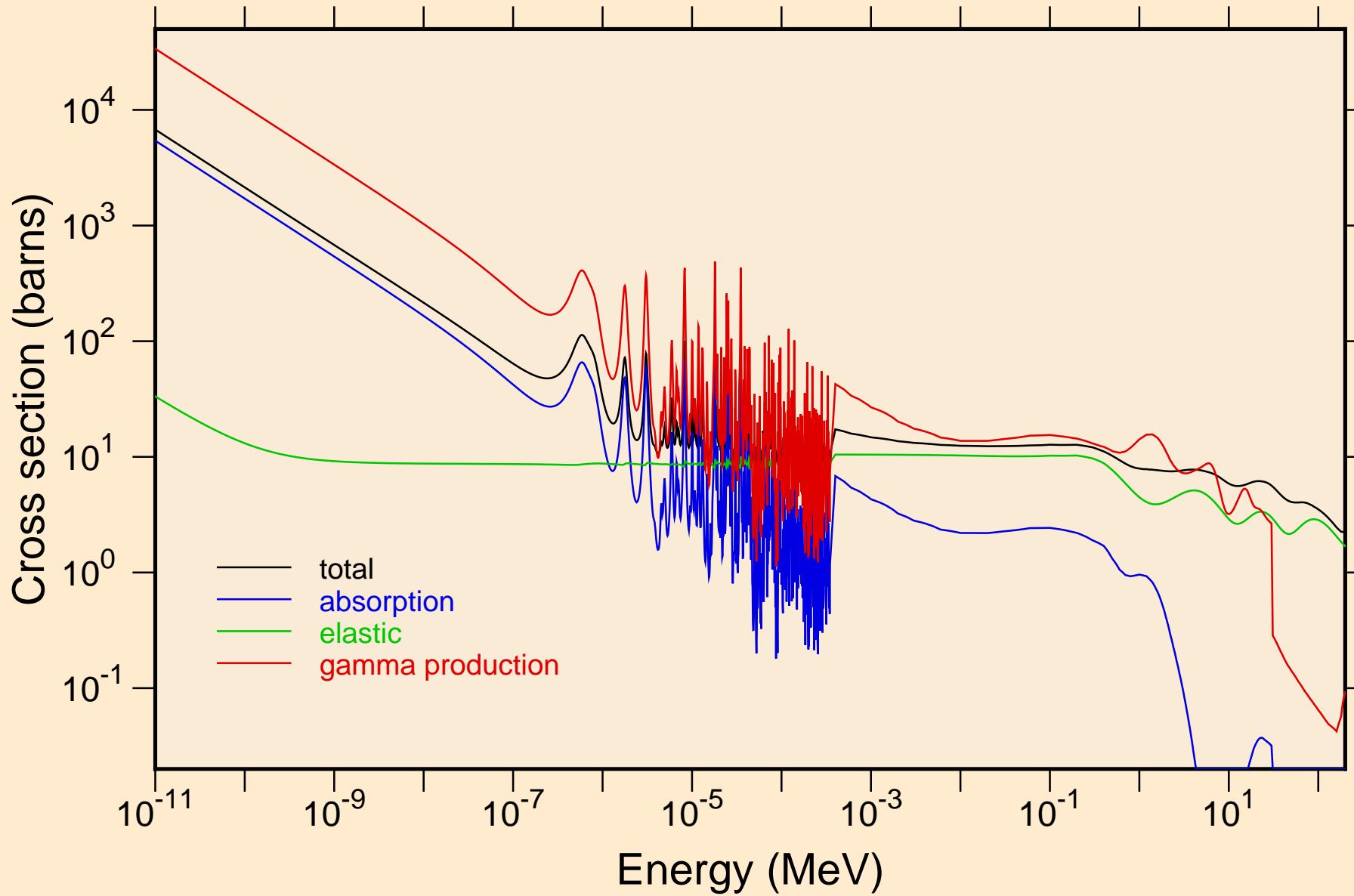
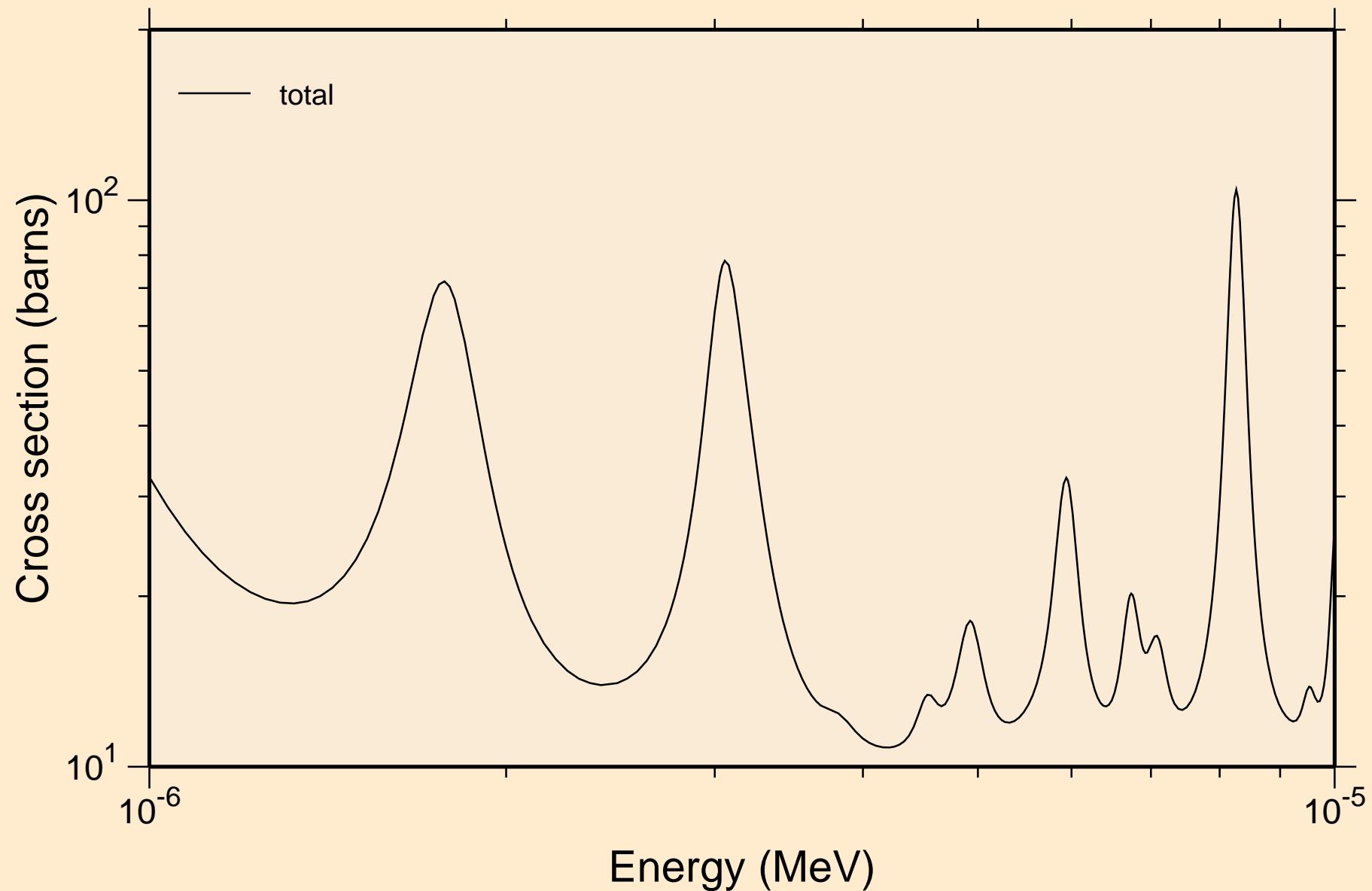


# BK241 NRG TENDL-2015, AKONING

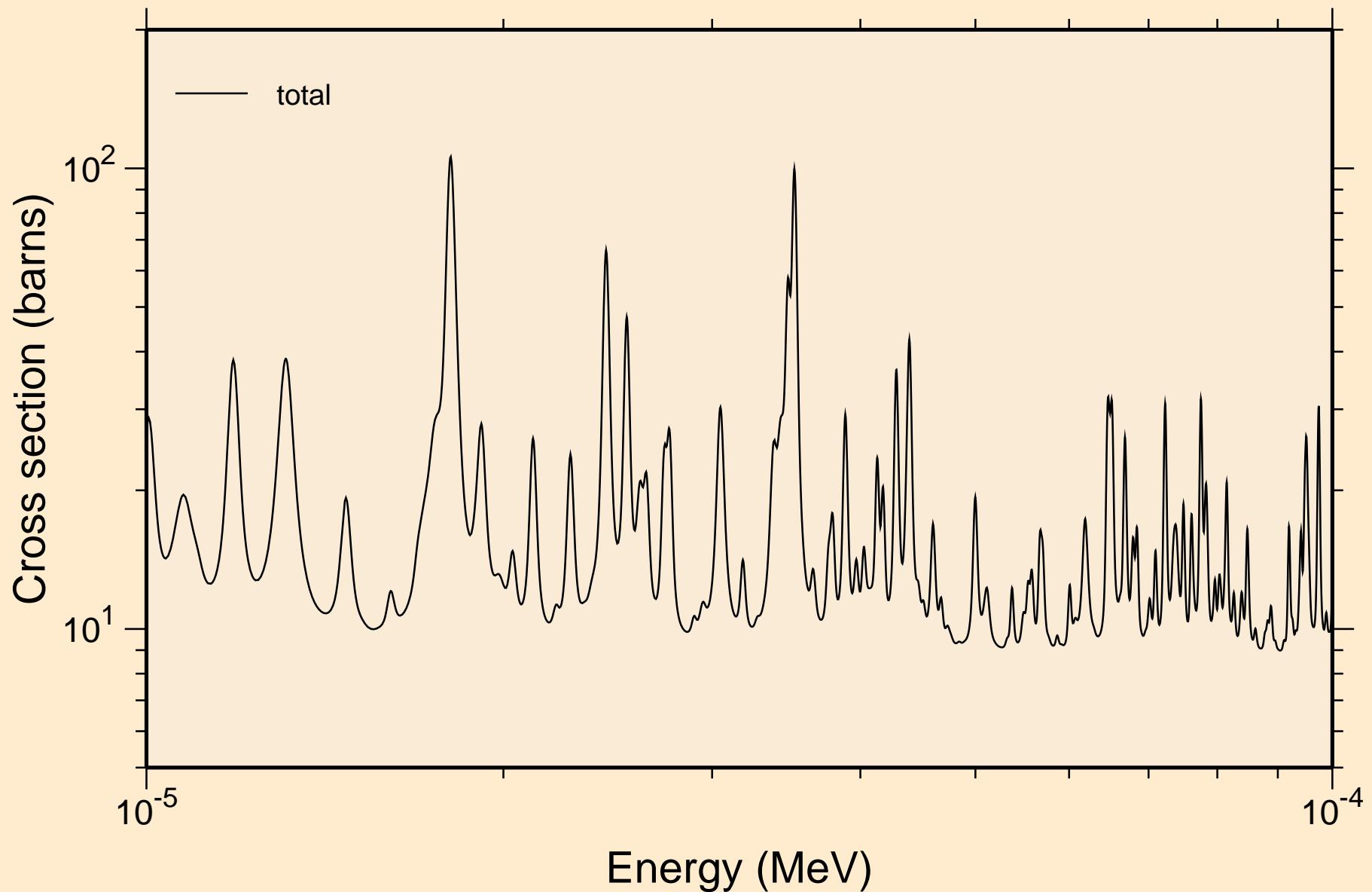
## Principal cross sections



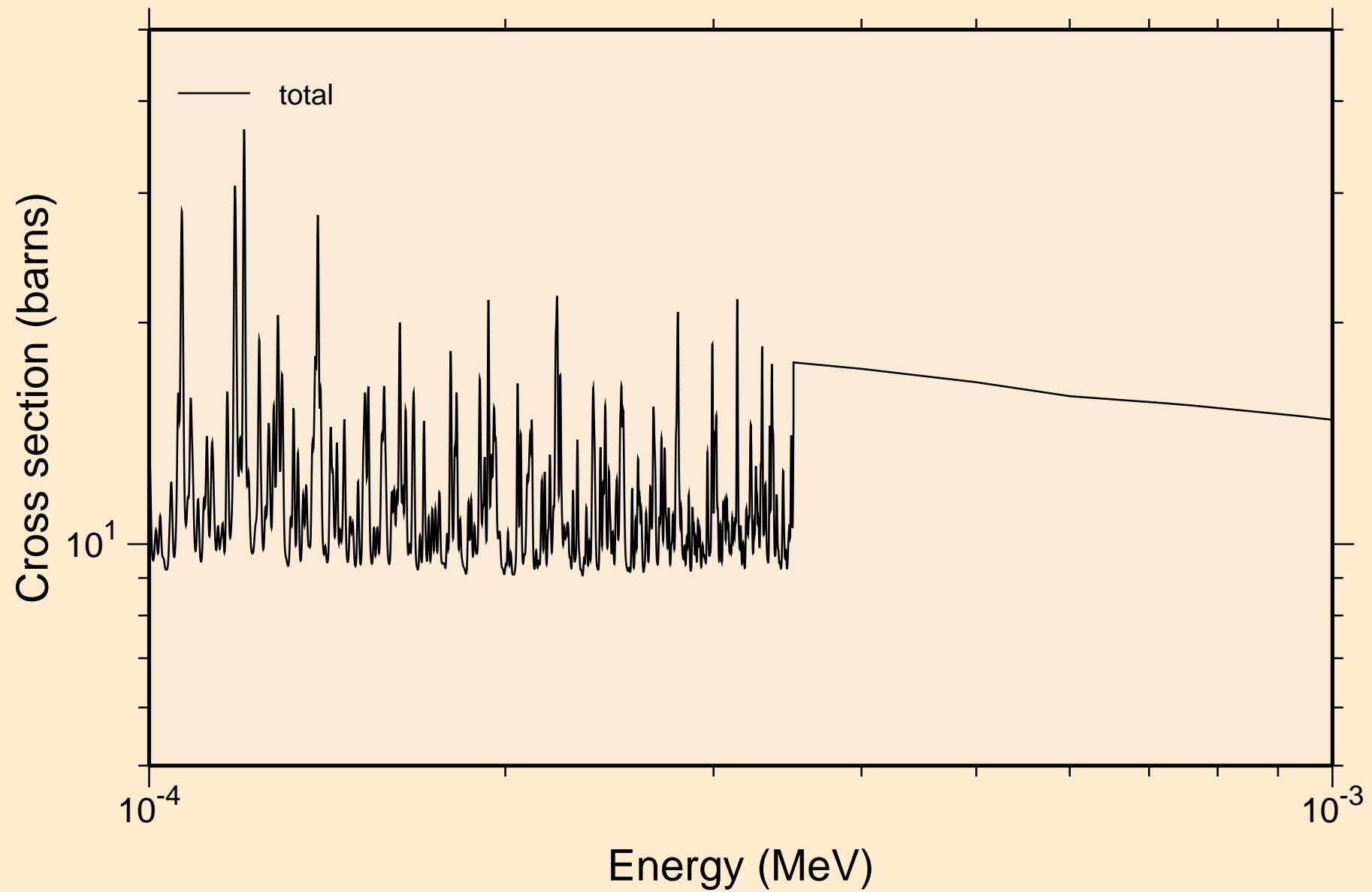
BK241 NRG TENDL-2015, AKONING  
resonance total cross section



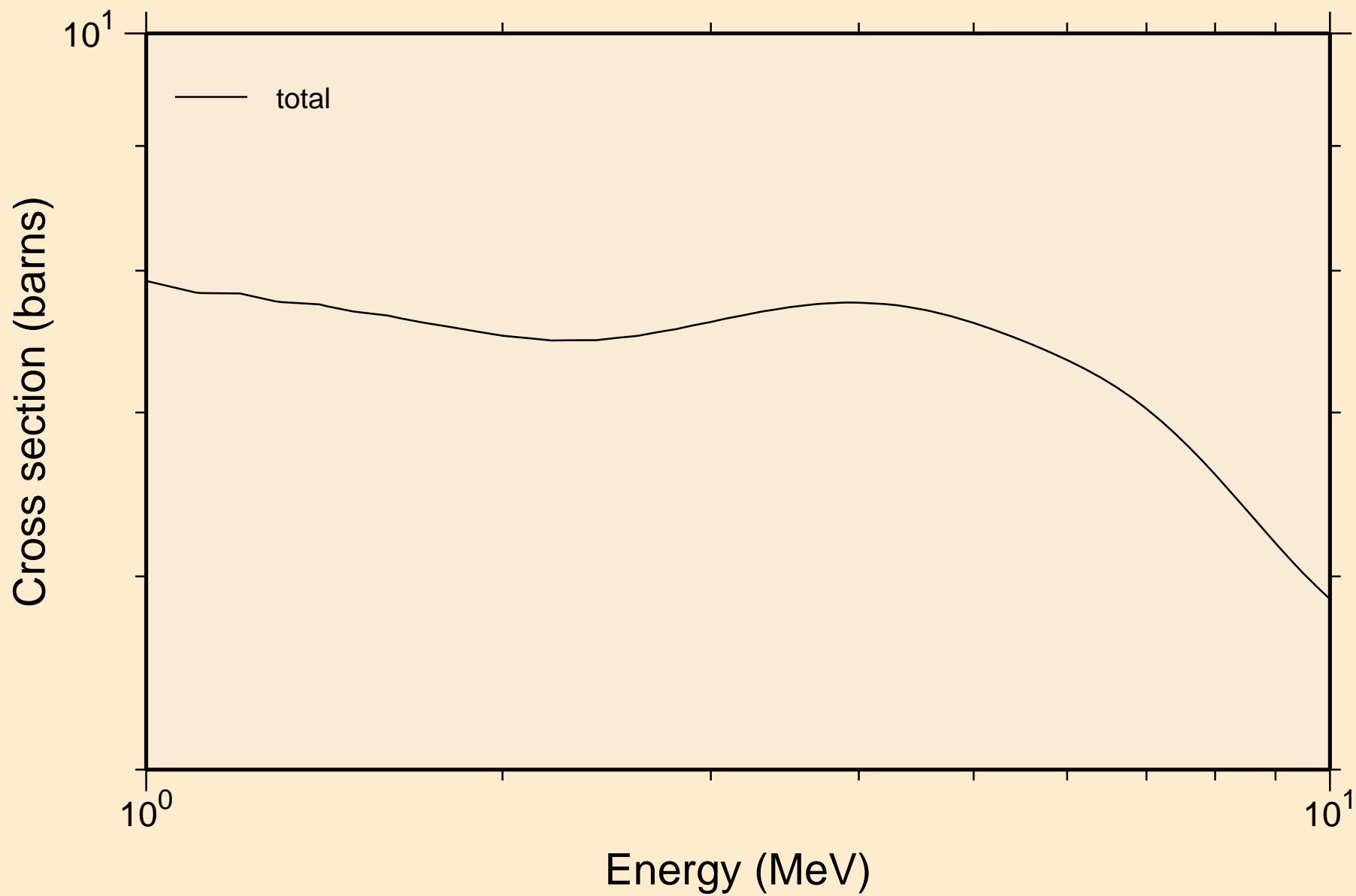
BK241 NRG TENDL-2015, AKONING  
resonance total cross section



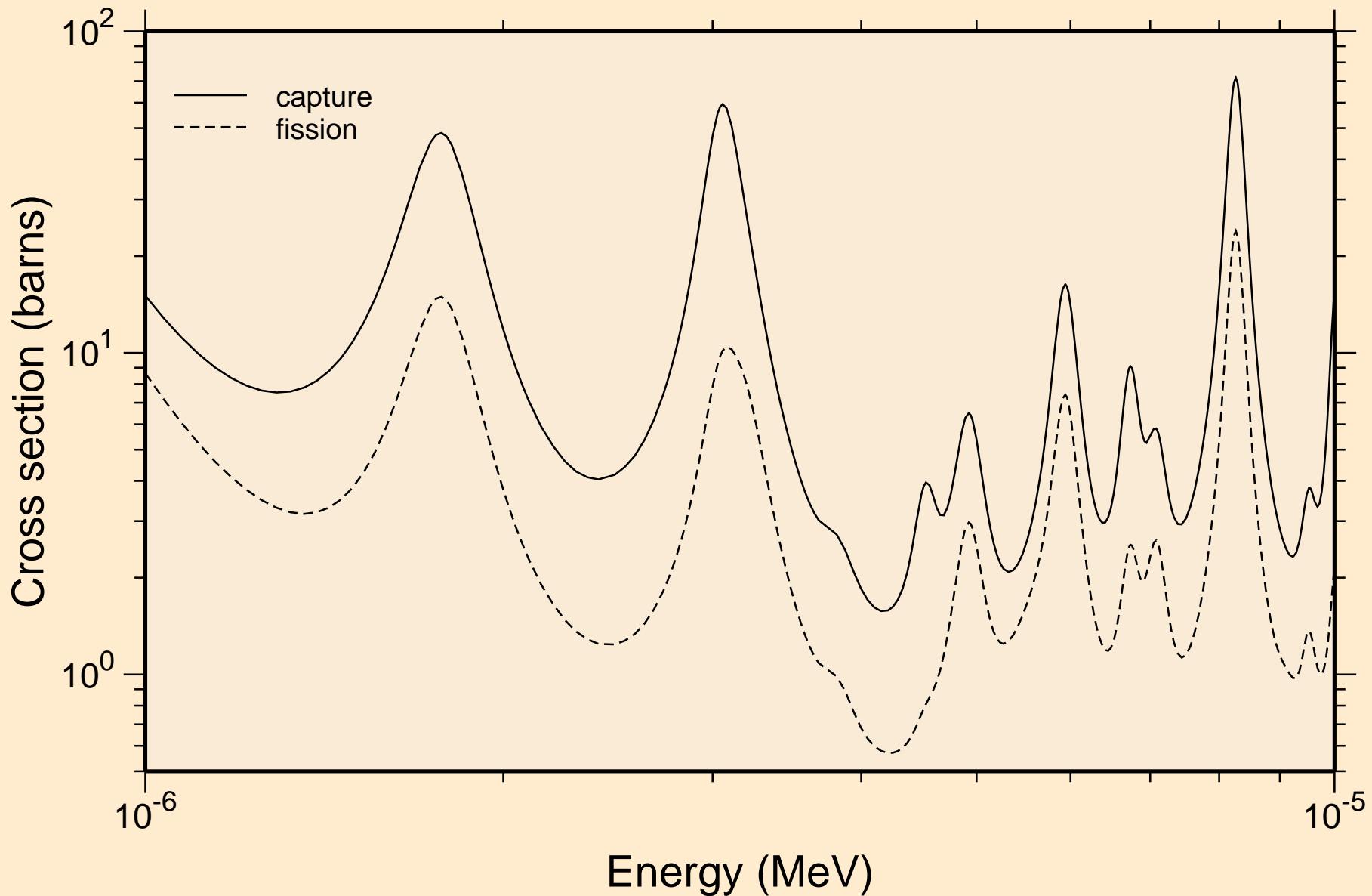
BK241 NRG TENDL-2015, AKONING  
resonance total cross section



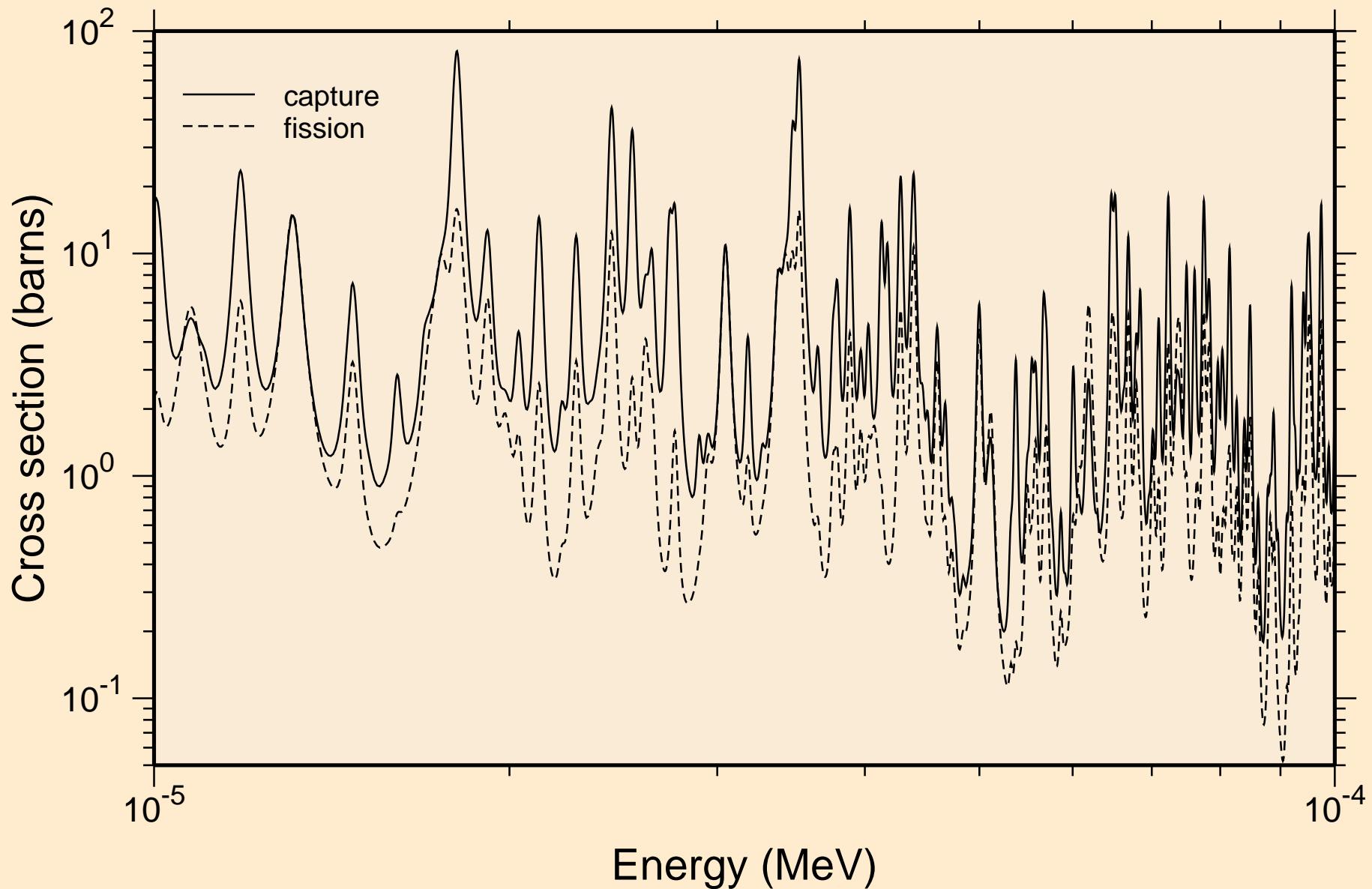
BK241 NRG TENDL-2015, AKONING  
resonance total cross section



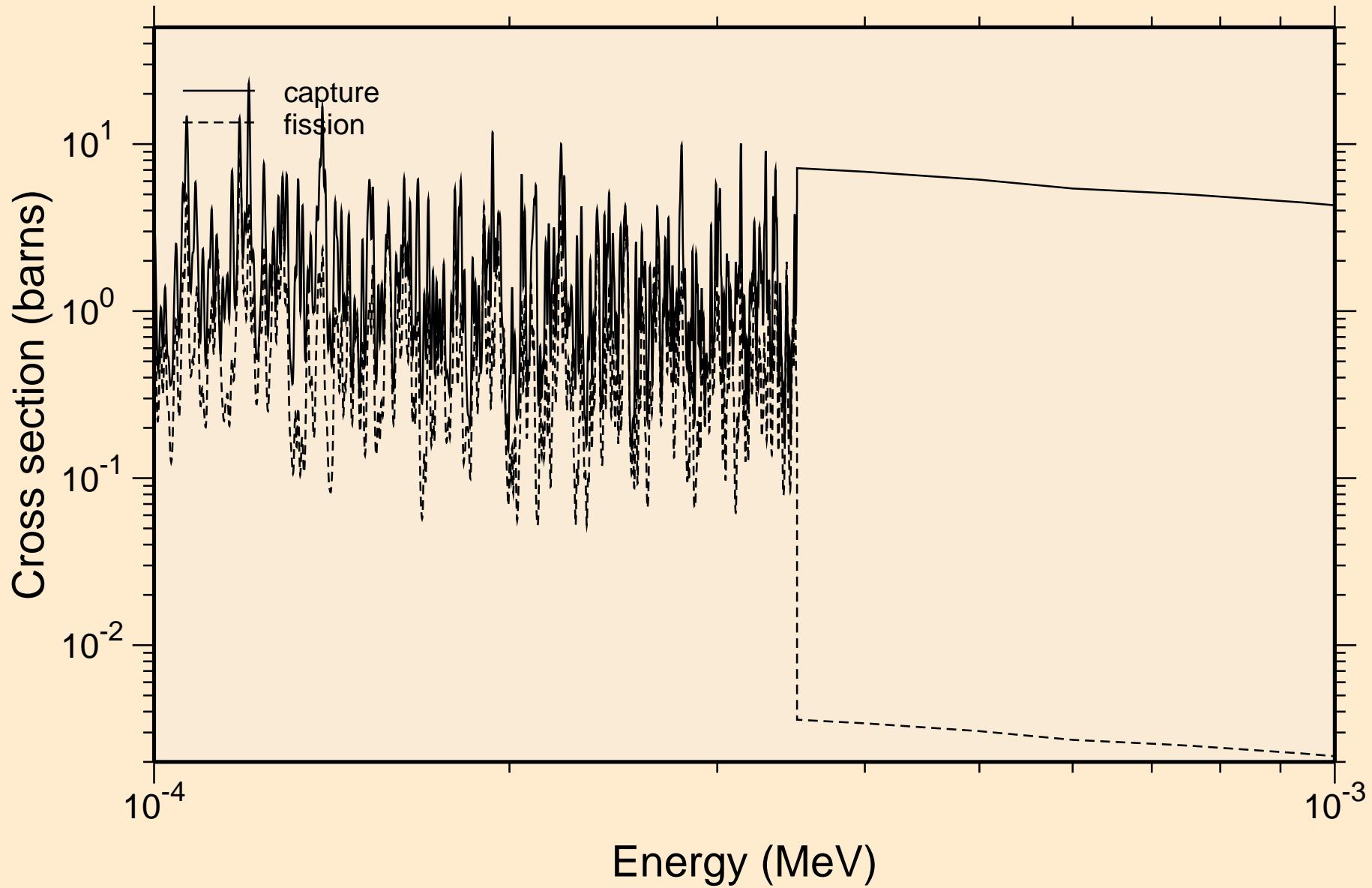
# BK241 NRG TENDL-2015, AKONING resonance absorption cross sections



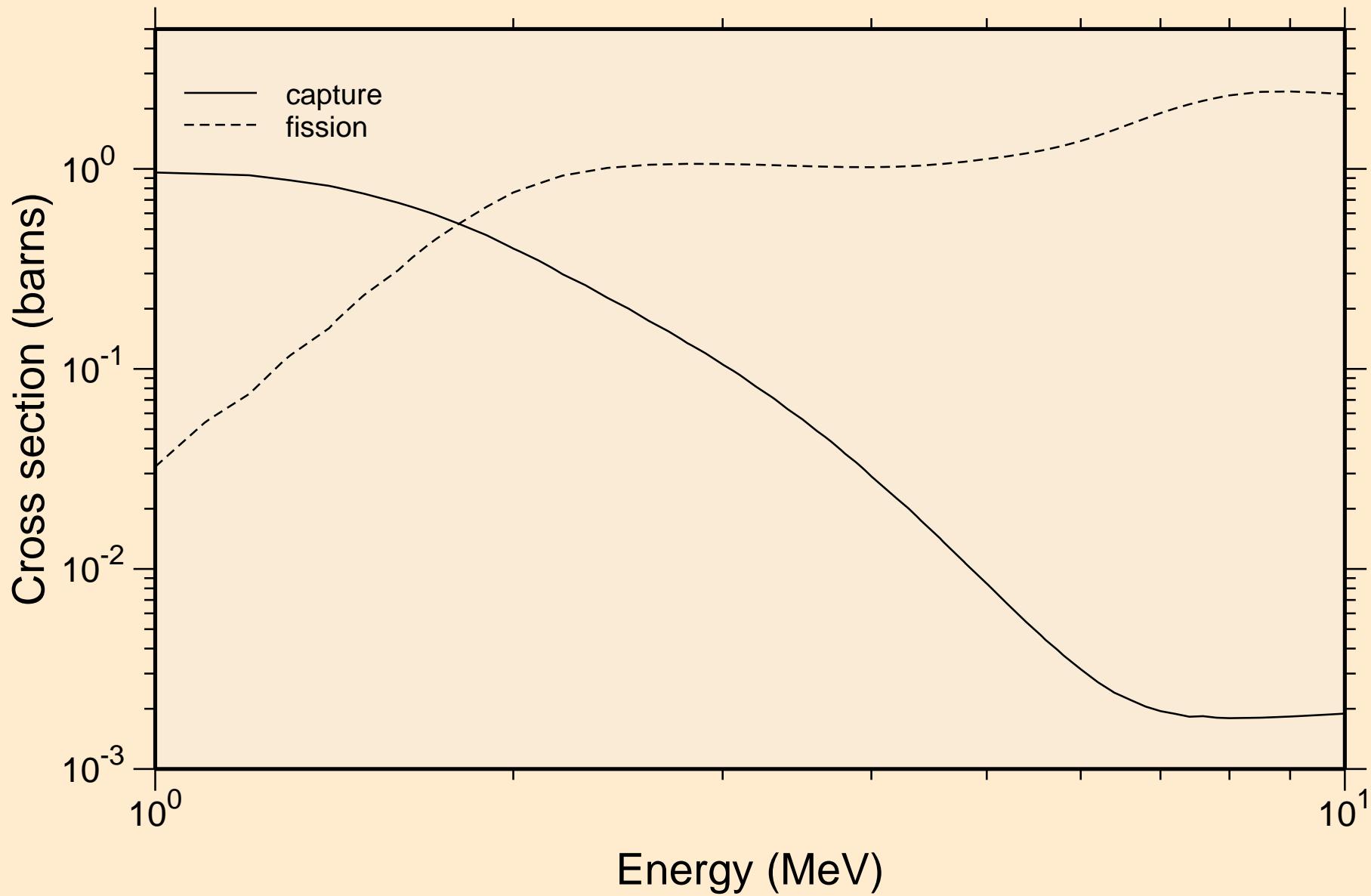
# BK241 NRG TENDL-2015, AKONING resonance absorption cross sections



# BK241 NRG TENDL-2015, AKONING resonance absorption cross sections

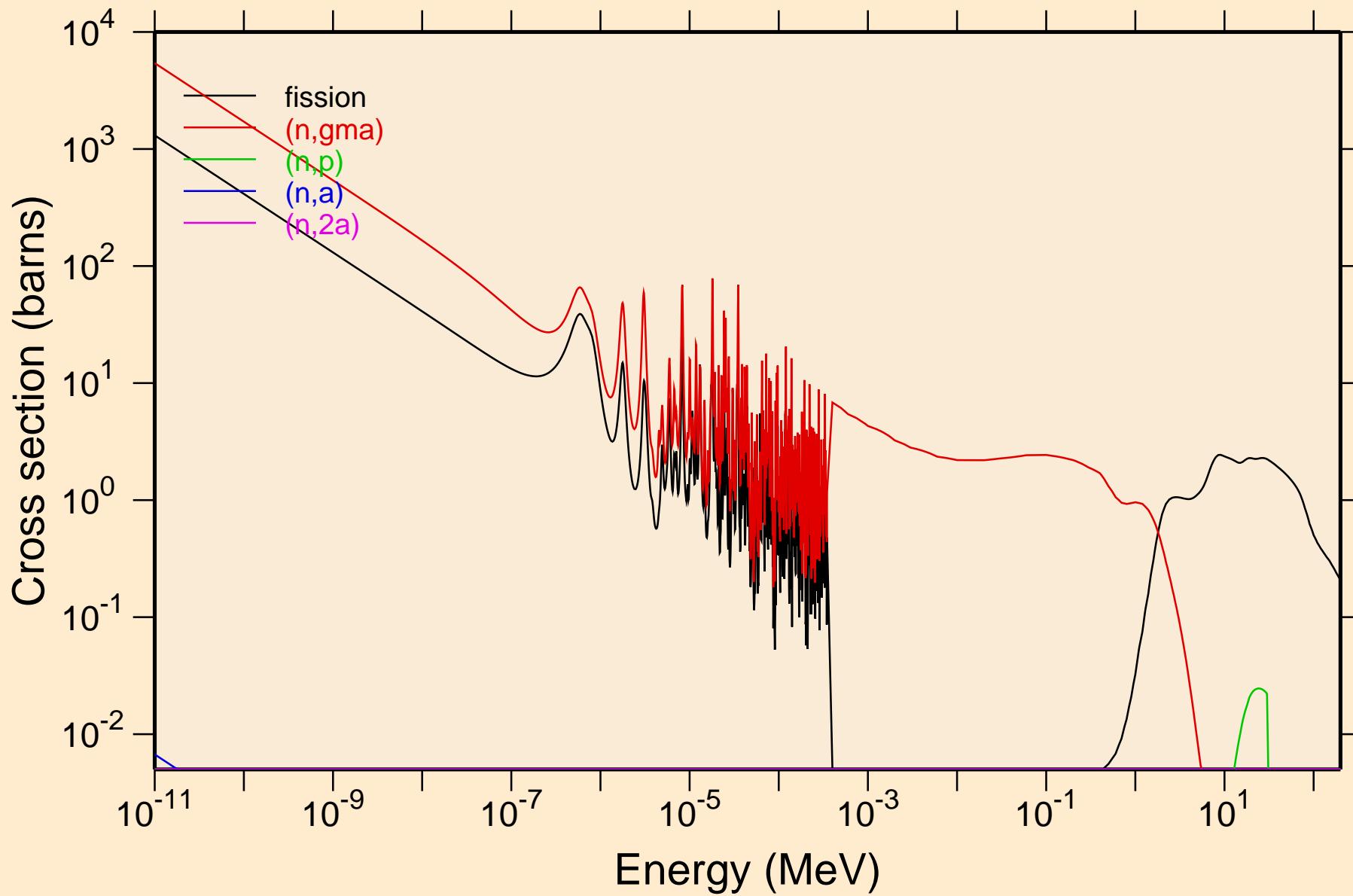


BK241 NRG TENDL-2015, AKONING  
resonance absorption cross sections



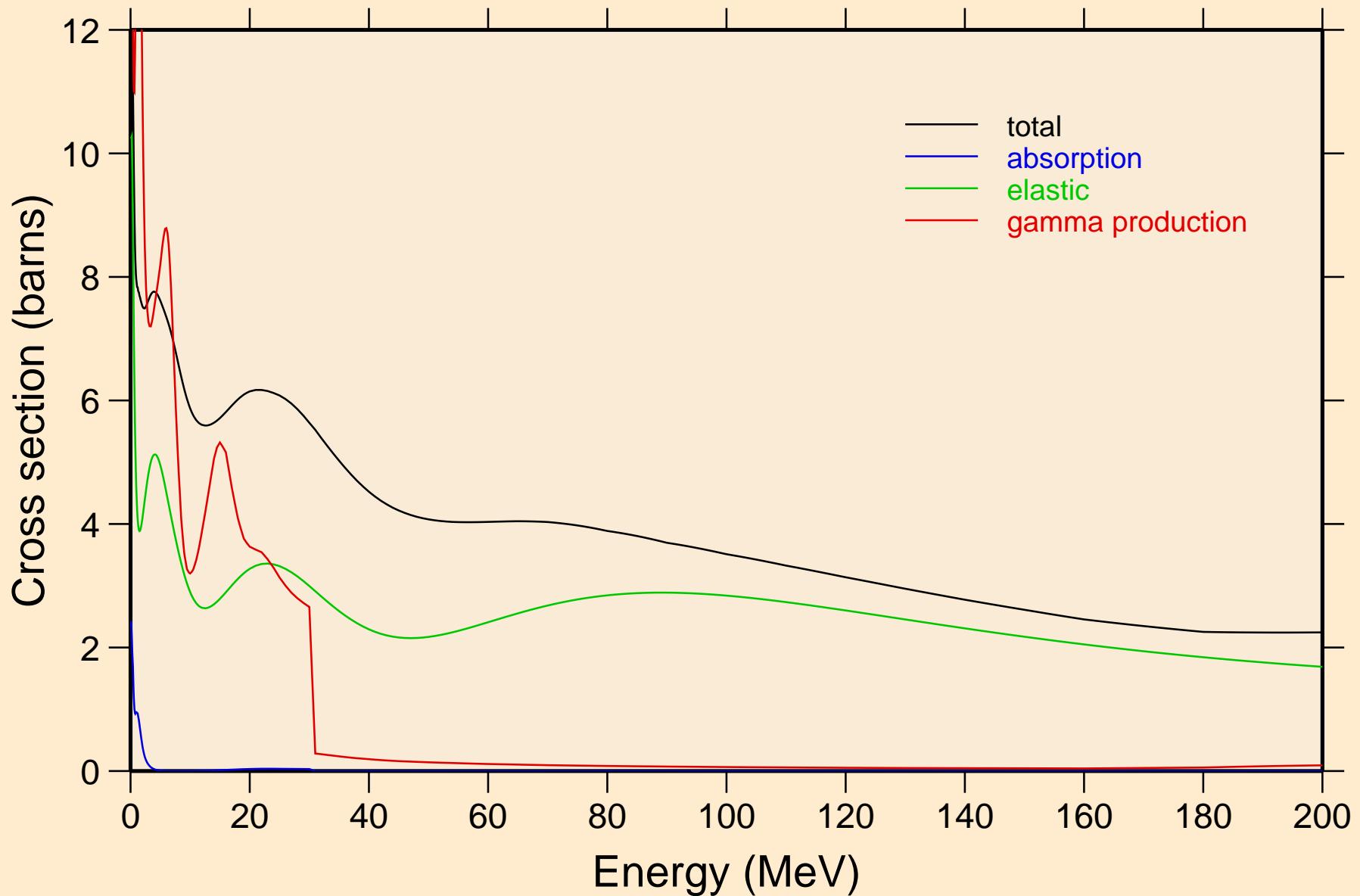
# BK241 NRG TENDL-2015, AKONING

## Non-threshold reactions



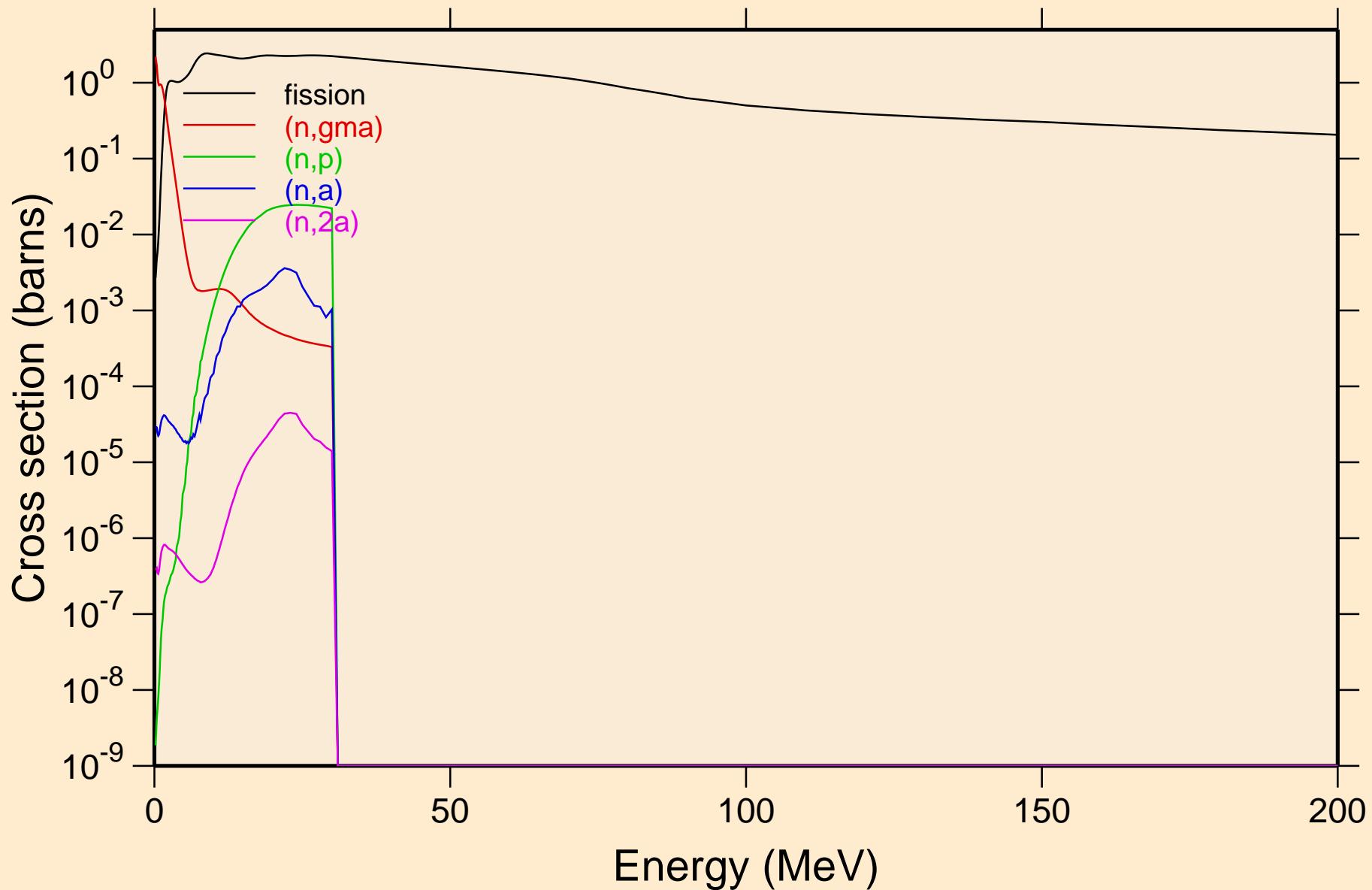
# BK241 NRG TENDL-2015, AKONING

## Principal cross sections



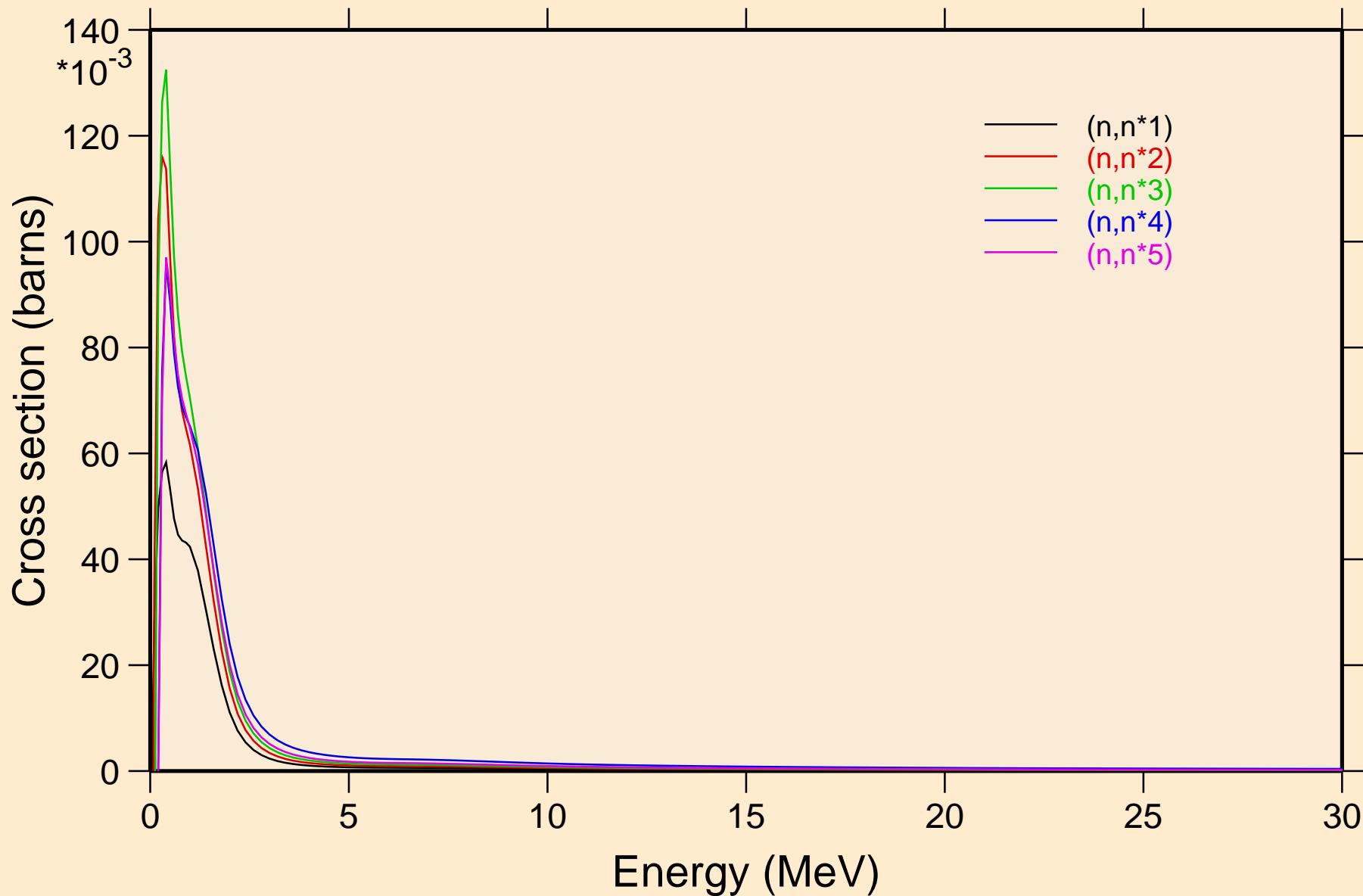
# BK241 NRG TENDL-2015, AKONING

## Non-threshold reactions

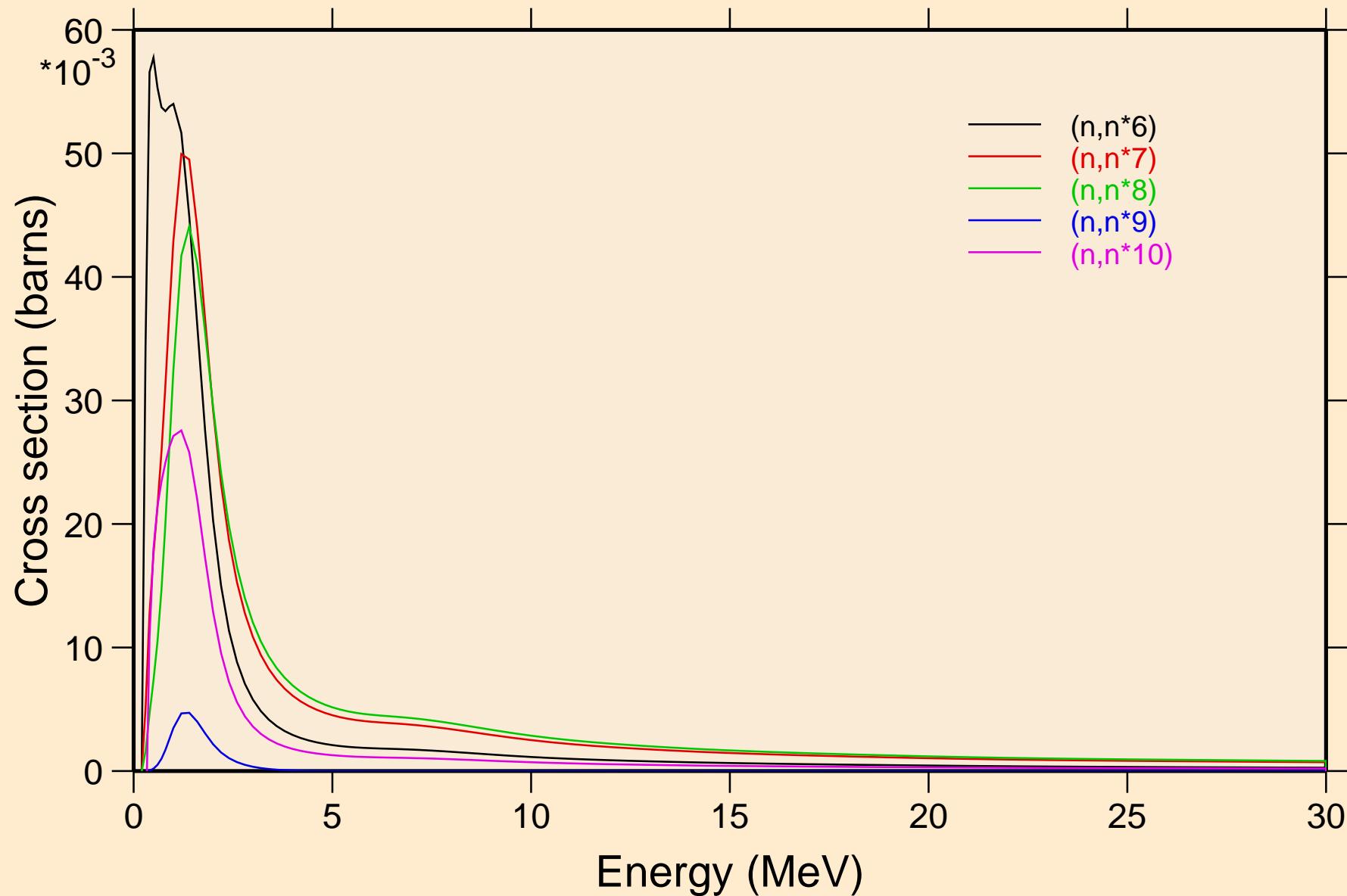


# BK241 NRG TENDL-2015, AKONING

## Inelastic levels

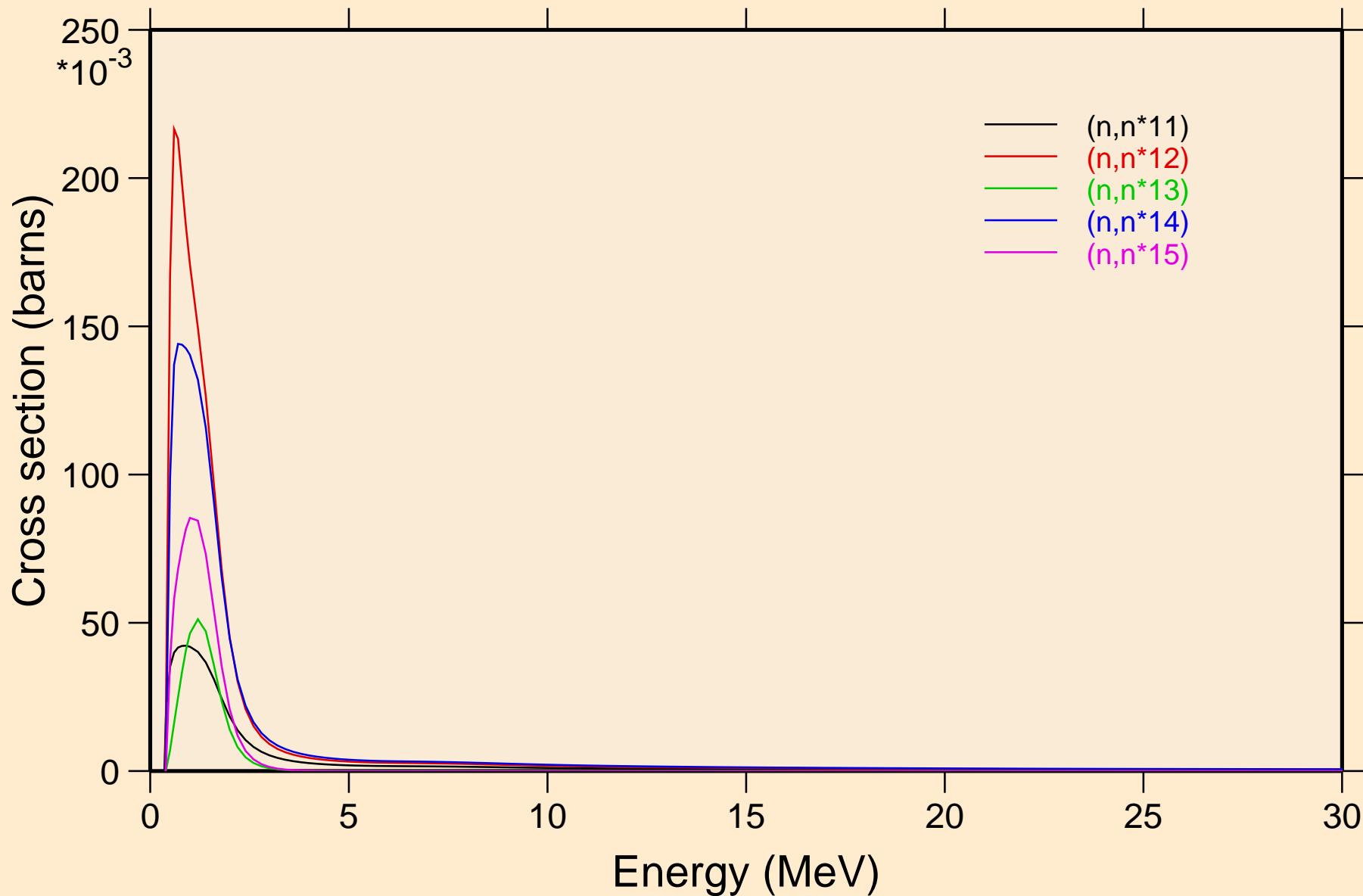


BK241 NRG TENDL-2015, AKONING  
Inelastic levels



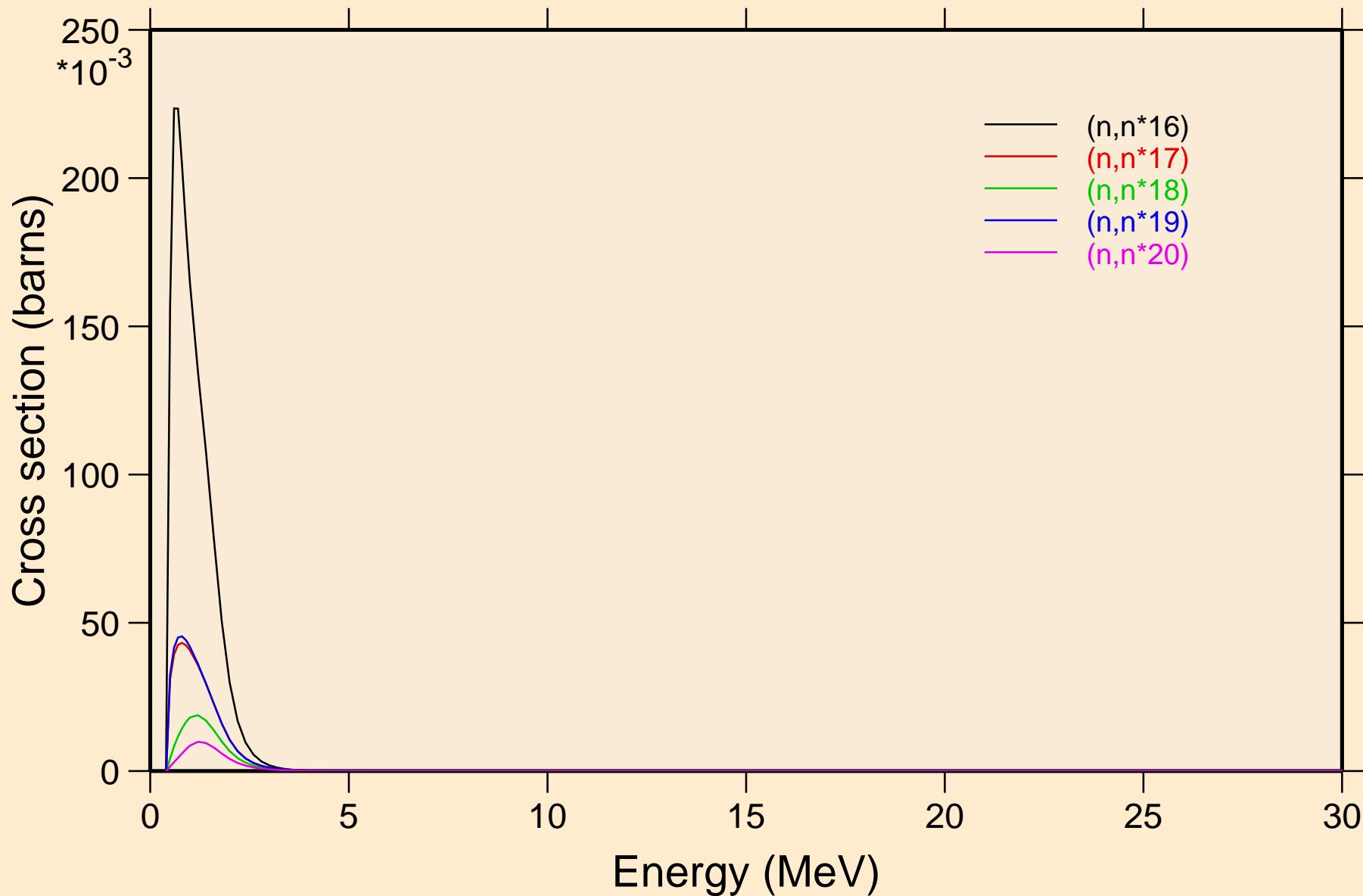
# BK241 NRG TENDL-2015, AKONING

## Inelastic levels



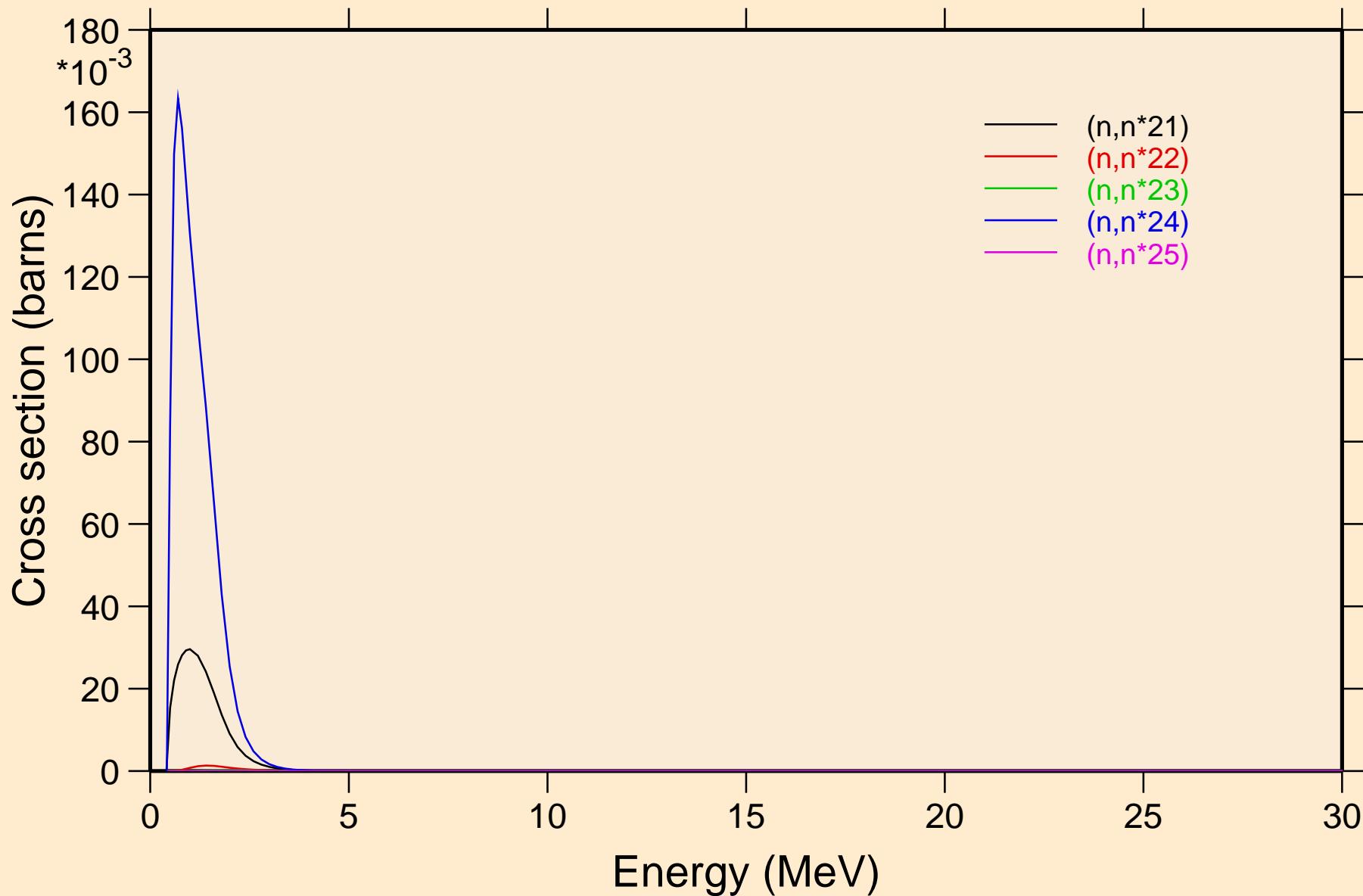
# BK241 NRG TENDL-2015, AKONING

## Inelastic levels



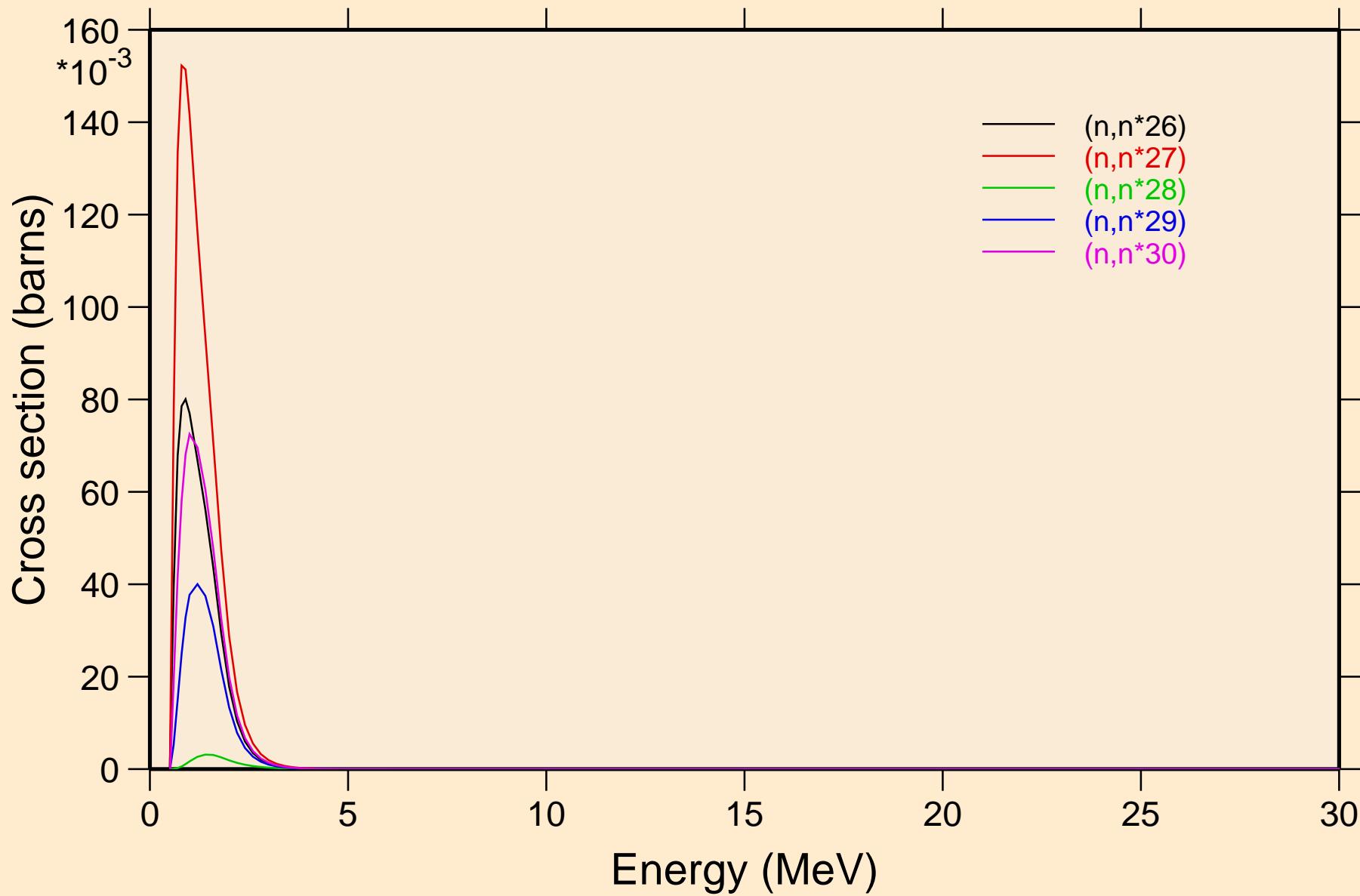
# BK241 NRG TENDL-2015, AKONING

## Inelastic levels



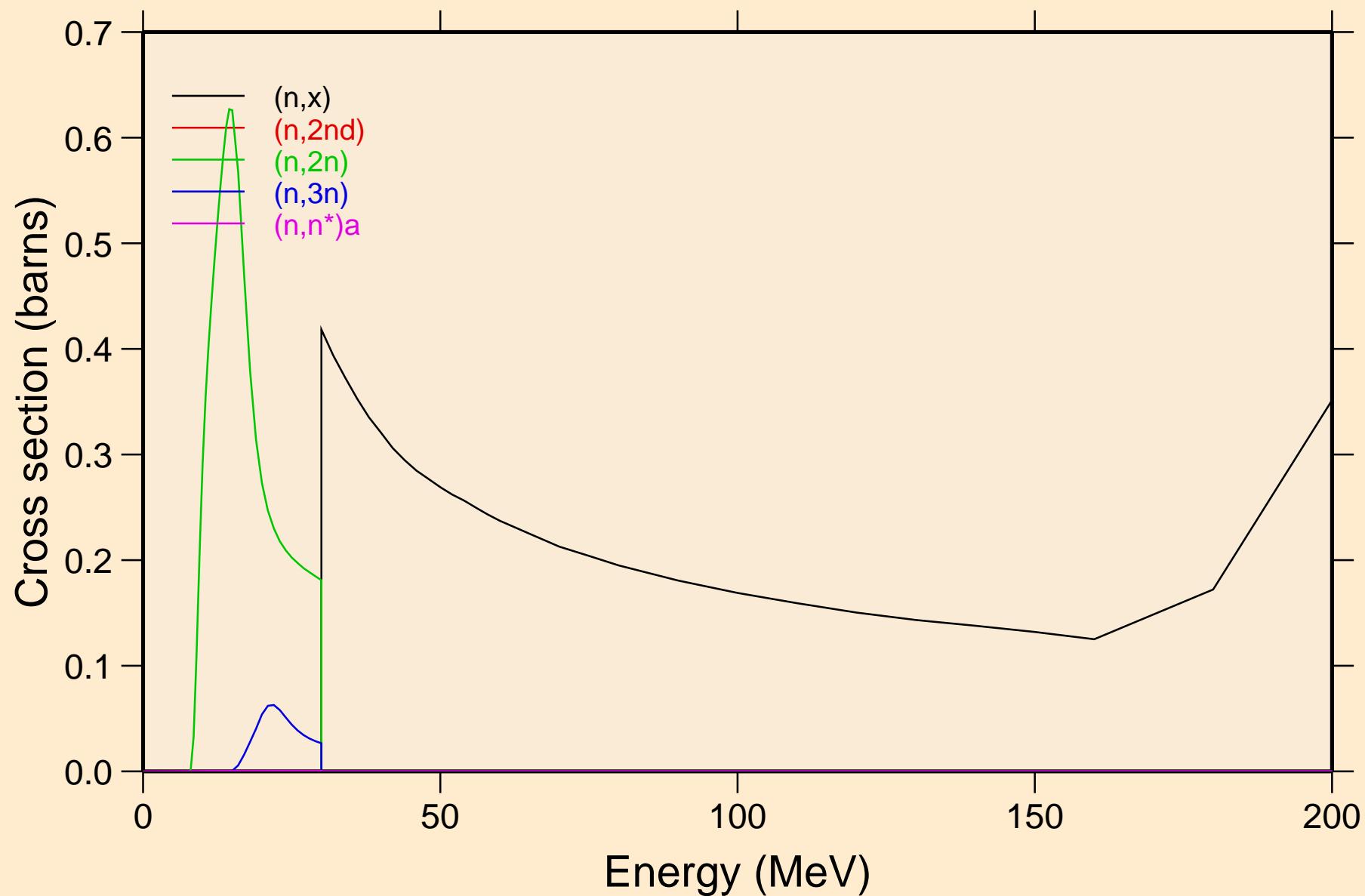
# BK241 NRG TENDL-2015, AKONING

## Inelastic levels



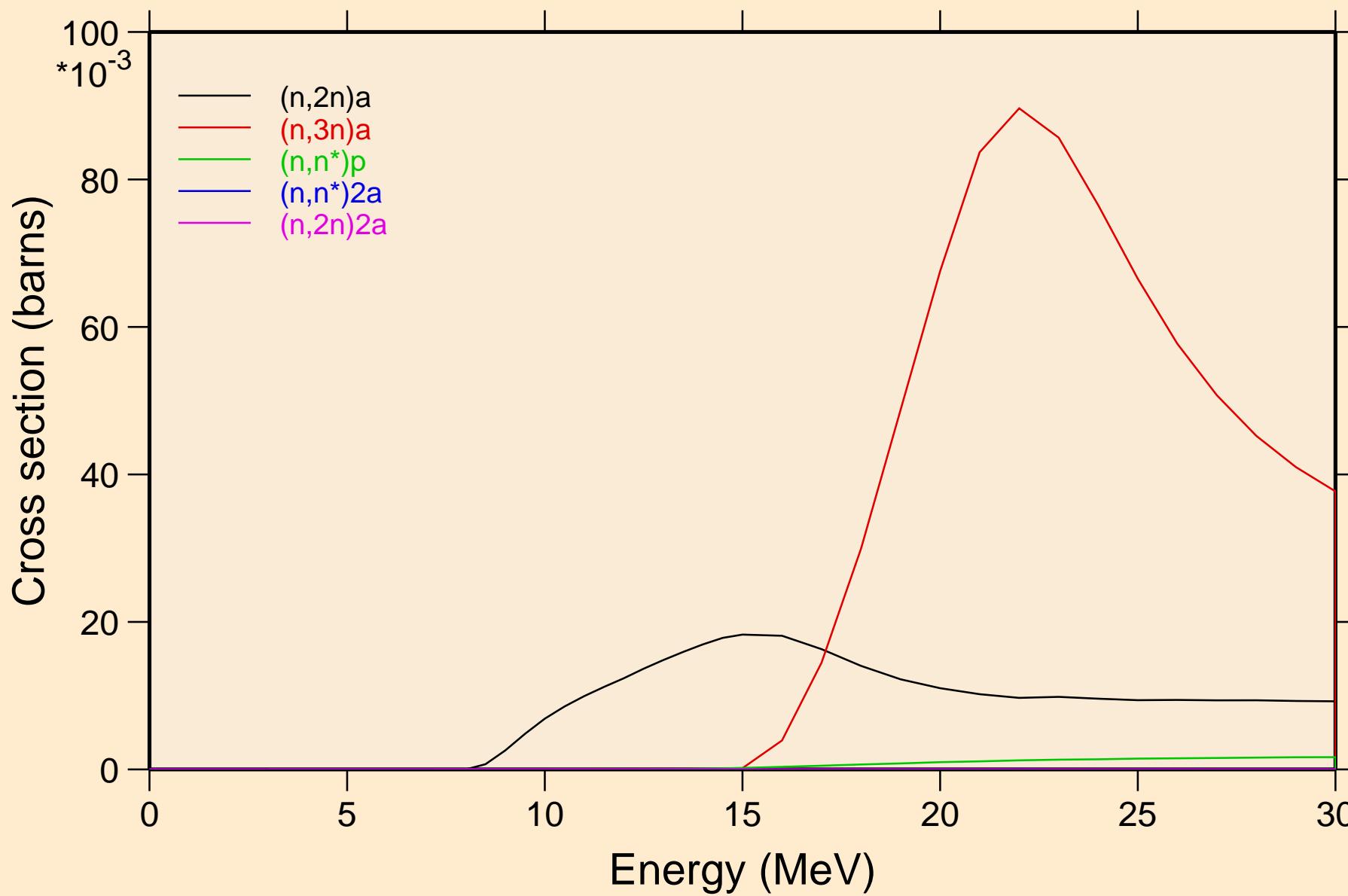
# BK241 NRG TENDL-2015, AKONING

## Threshold reactions



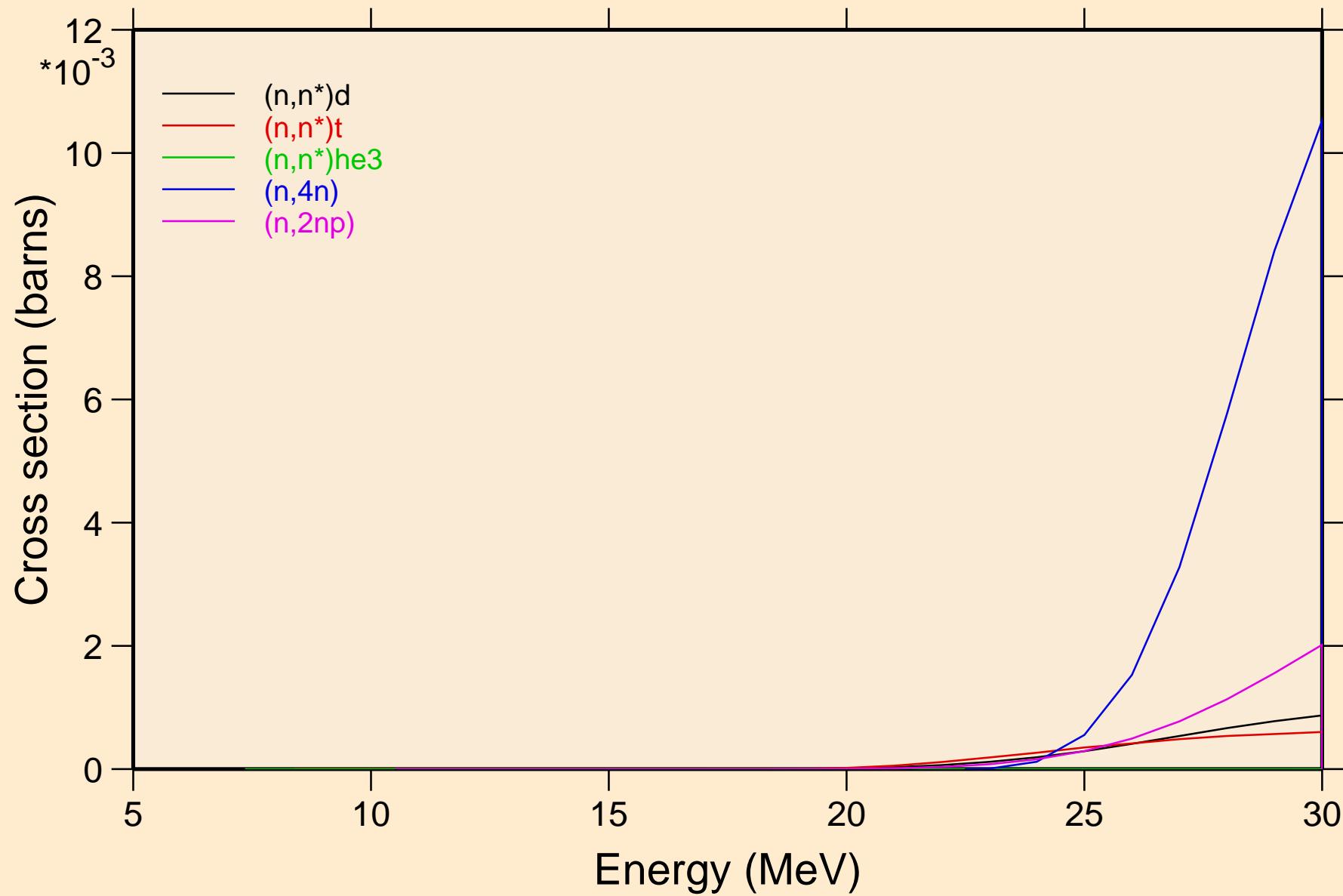
# BK241 NRG TENDL-2015, AKONING

## Threshold reactions



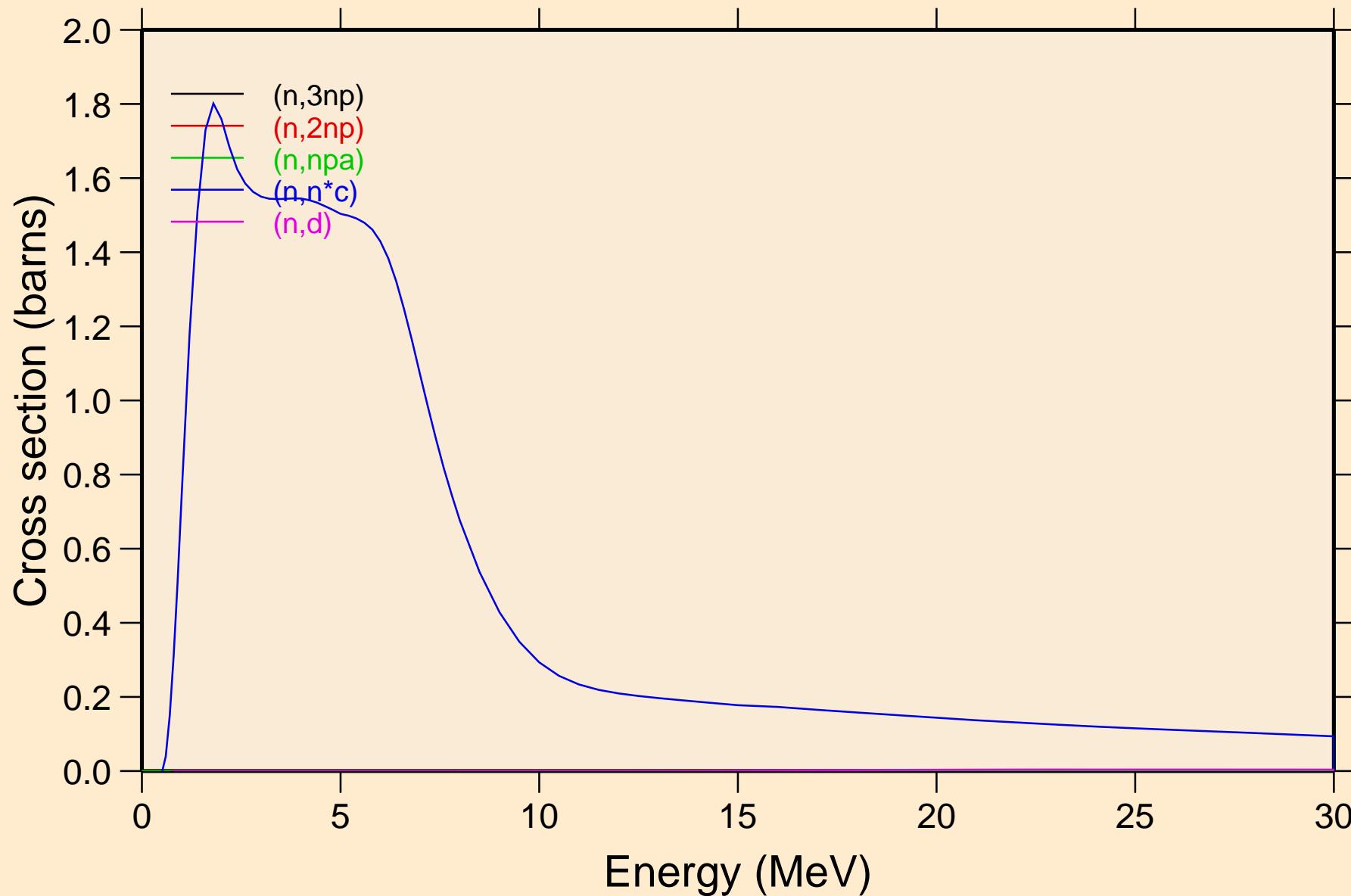
# BK241 NRG TENDL-2015, AKONING

## Threshold reactions



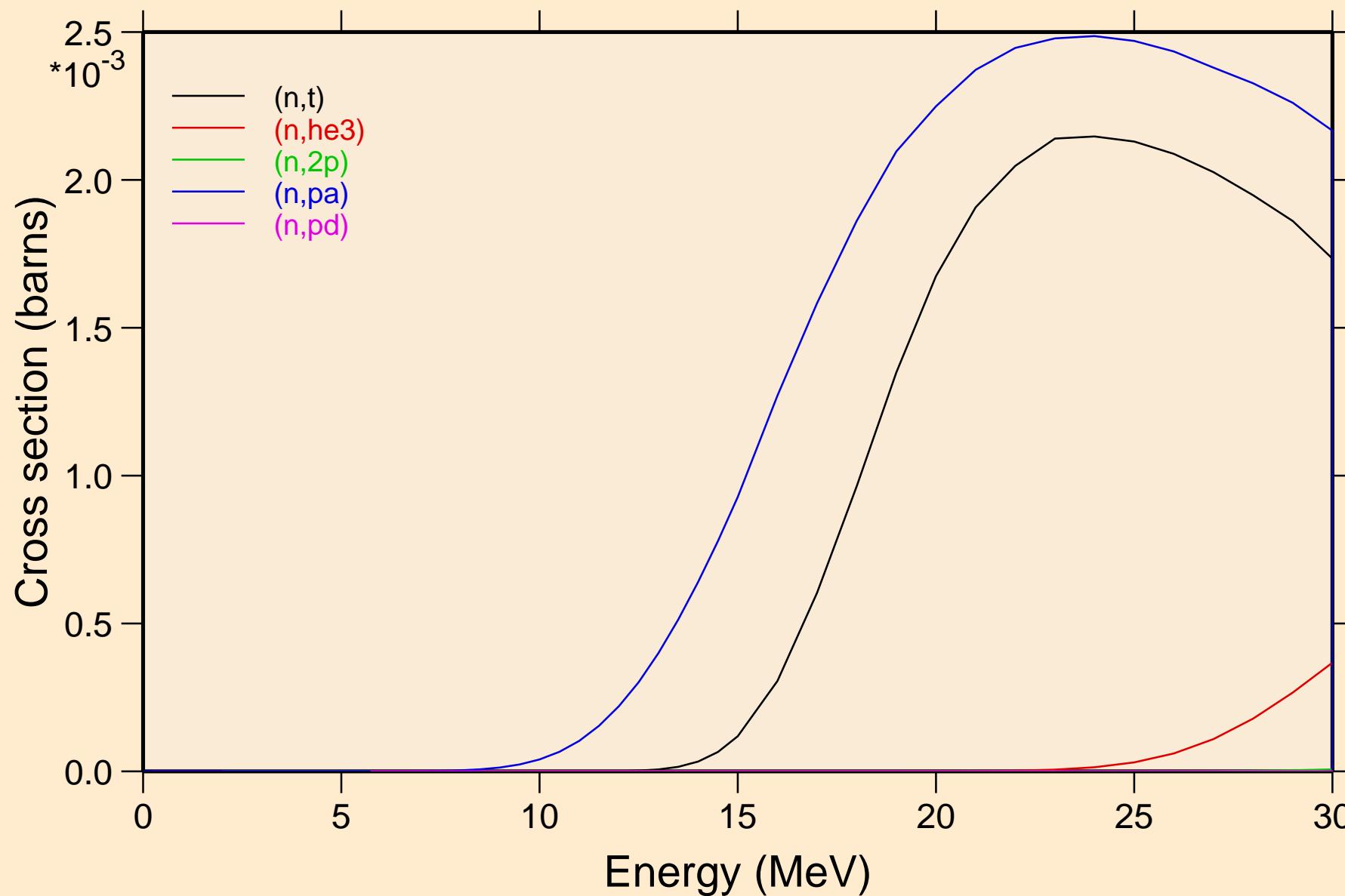
# BK241 NRG TENDL-2015, AKONING

## Threshold reactions

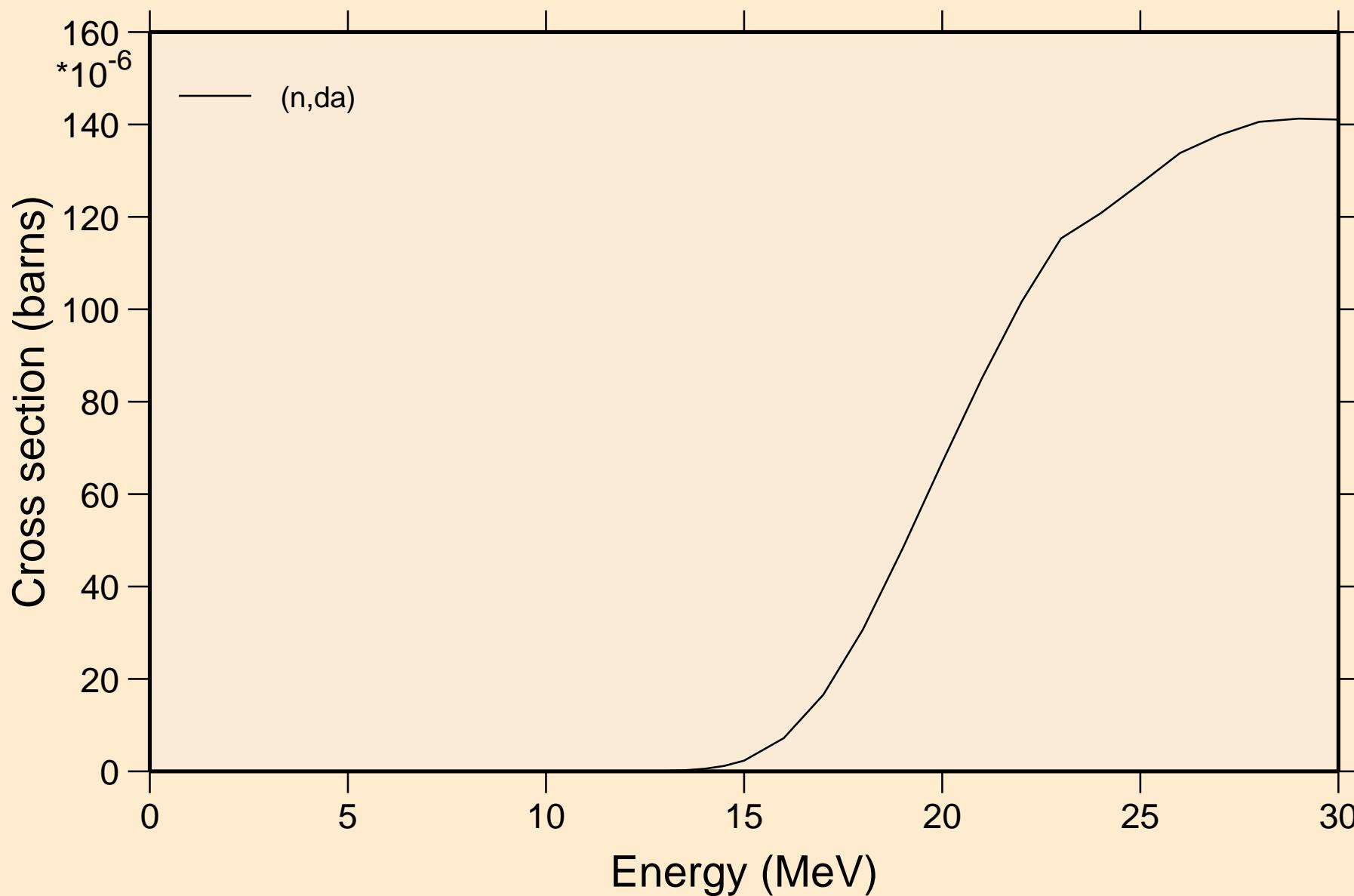


# BK241 NRG TENDL-2015, AKONING

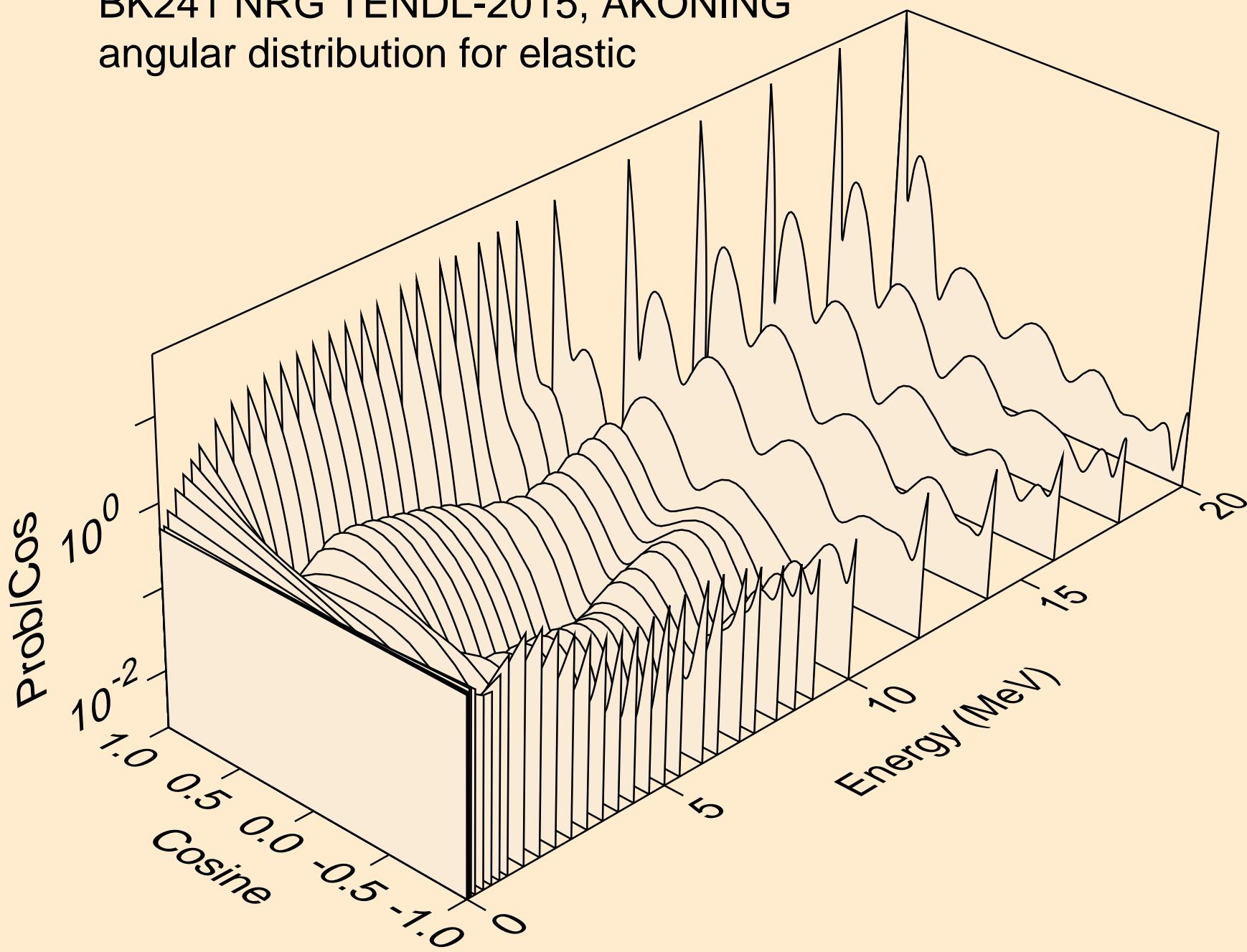
## Threshold reactions



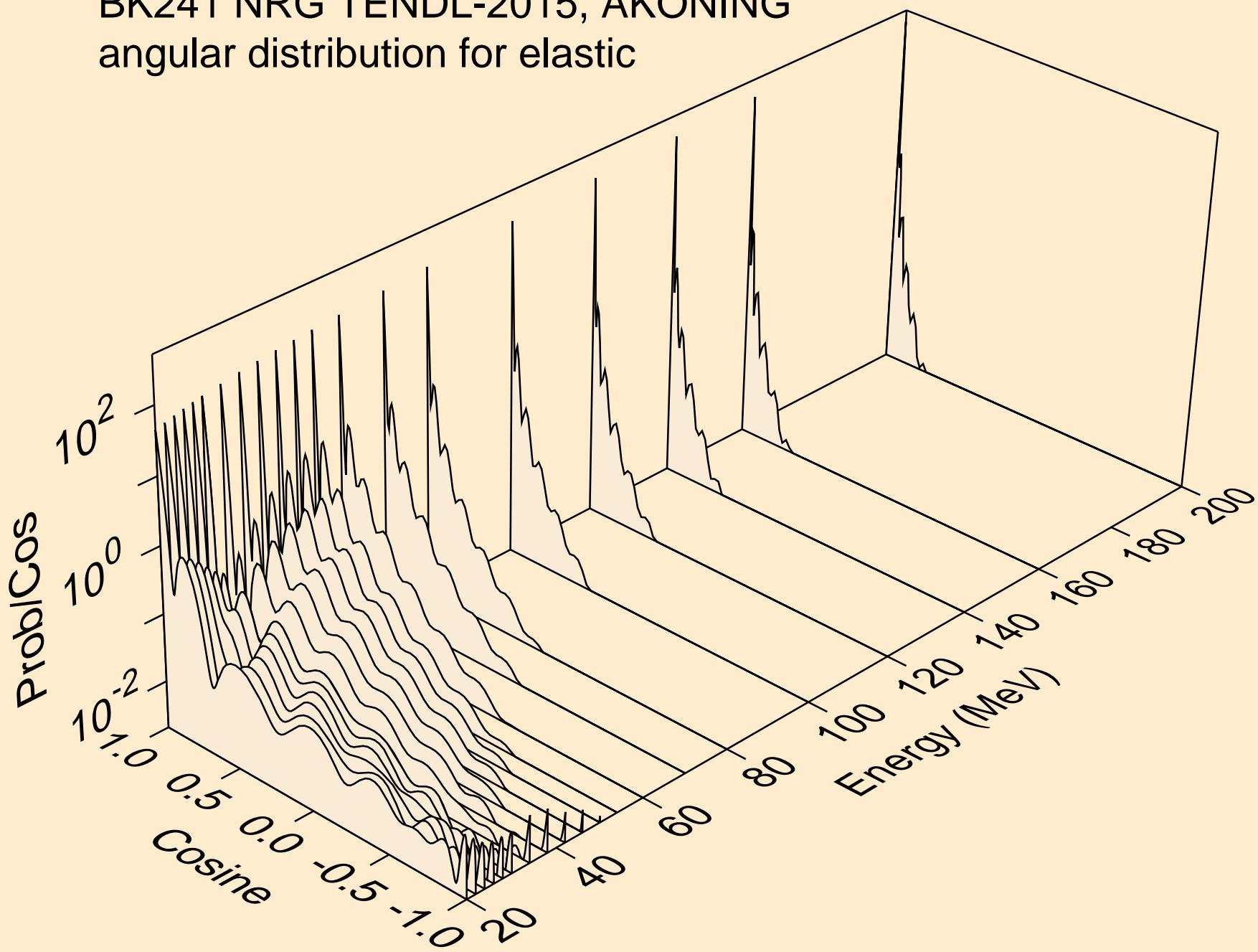
BK241 NRG TENDL-2015, AKONING  
Threshold reactions



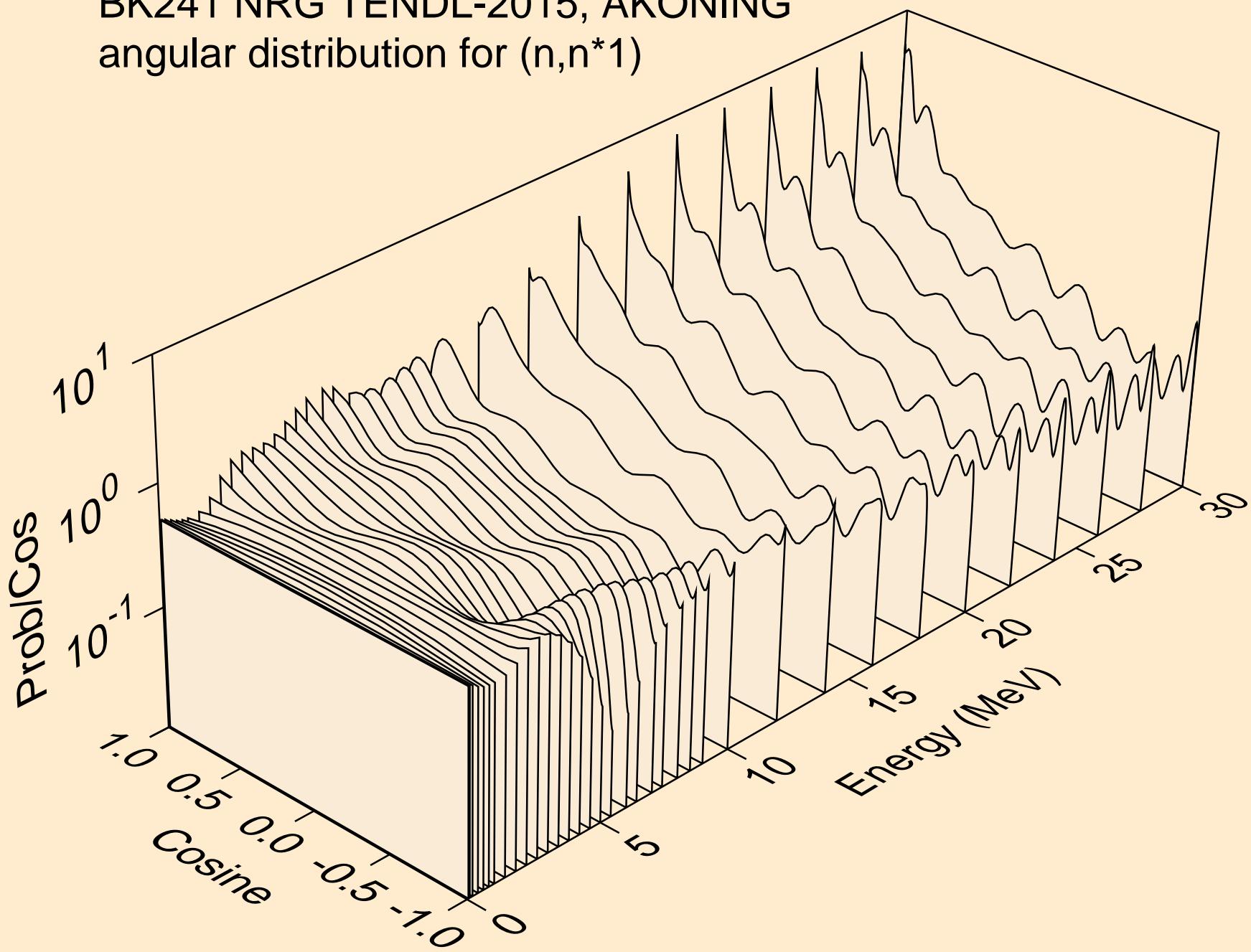
BK241 NRG TENDL-2015, AKONING  
angular distribution for elastic



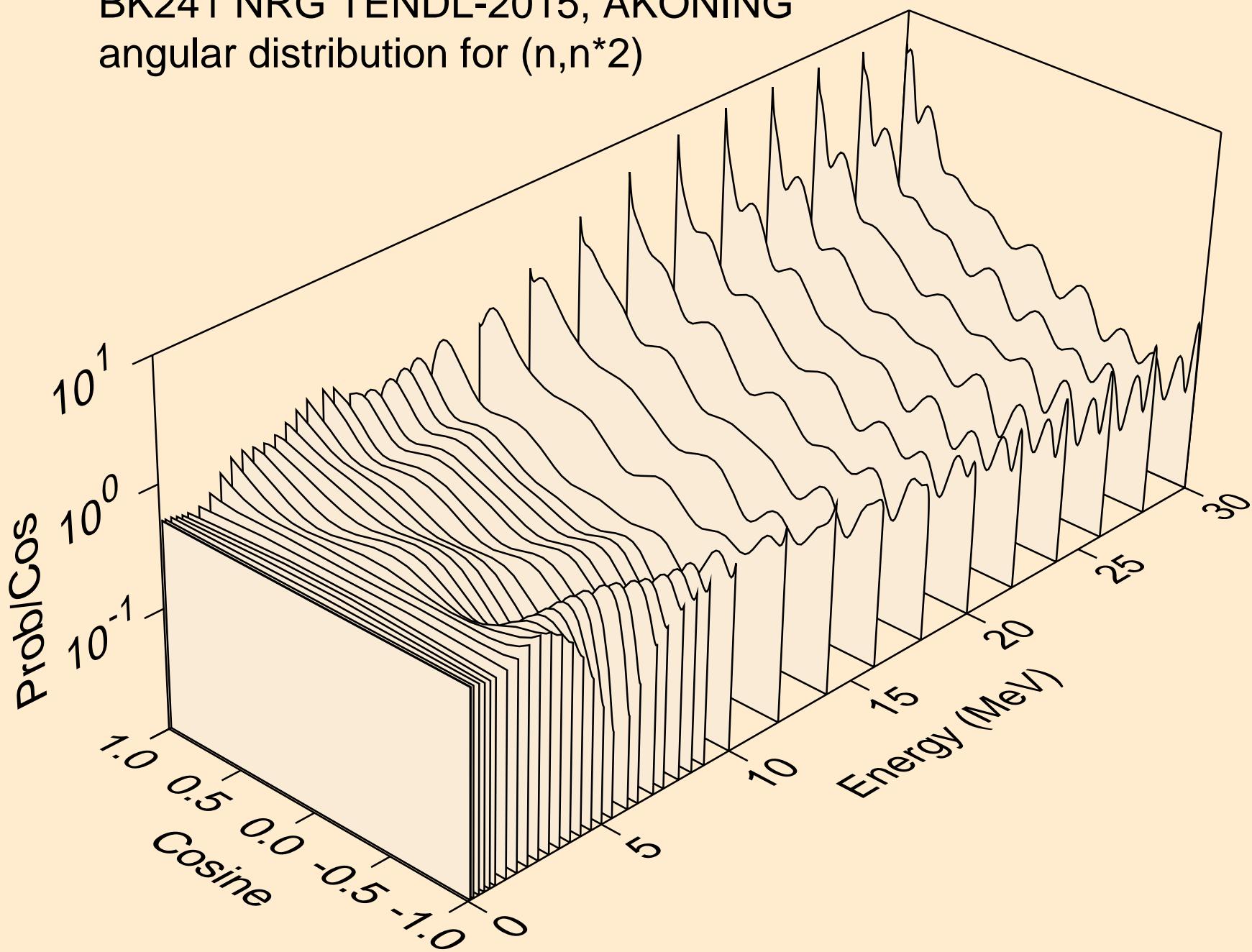
BK241 NRG TENDL-2015, AKONING  
angular distribution for elastic



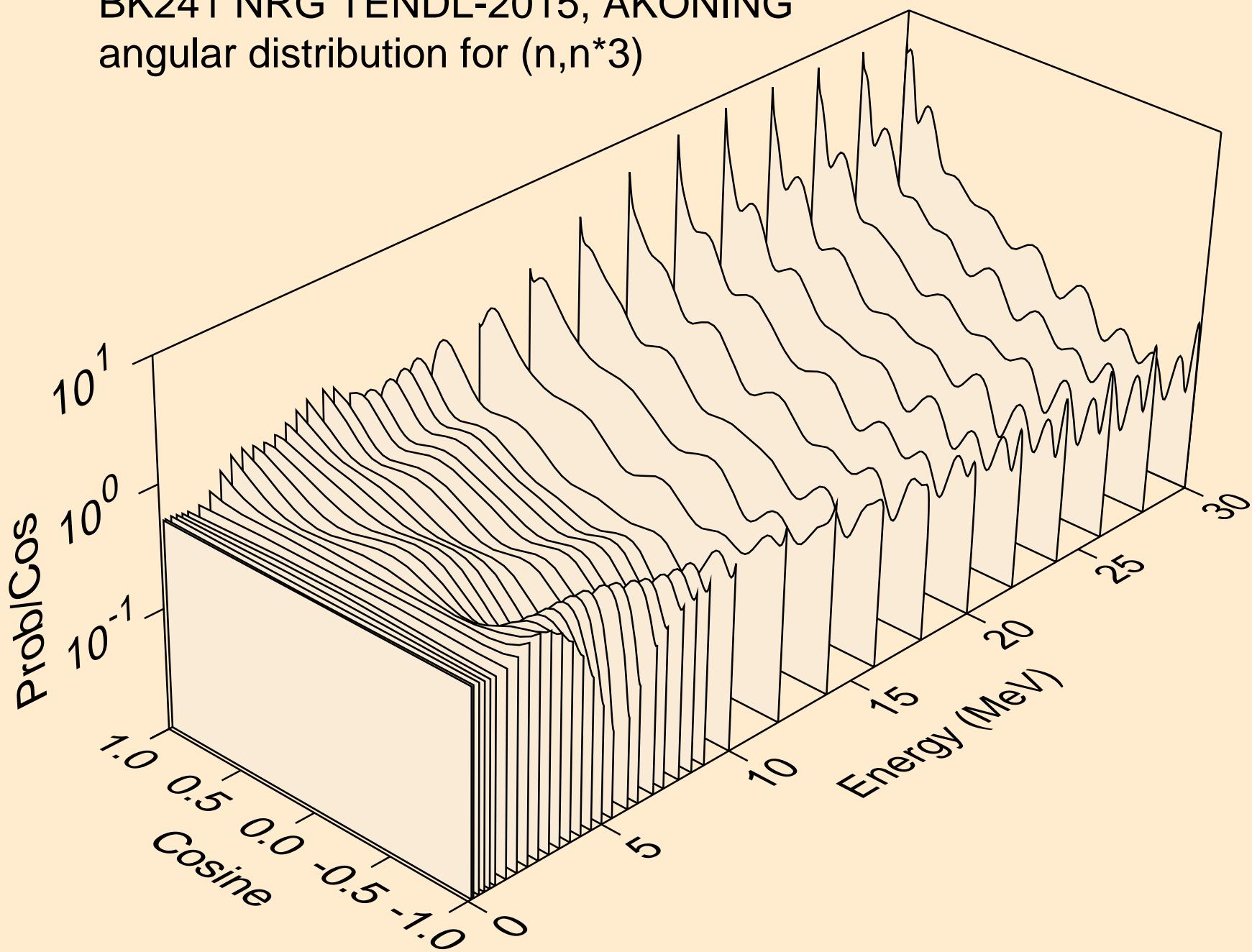
BK241 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



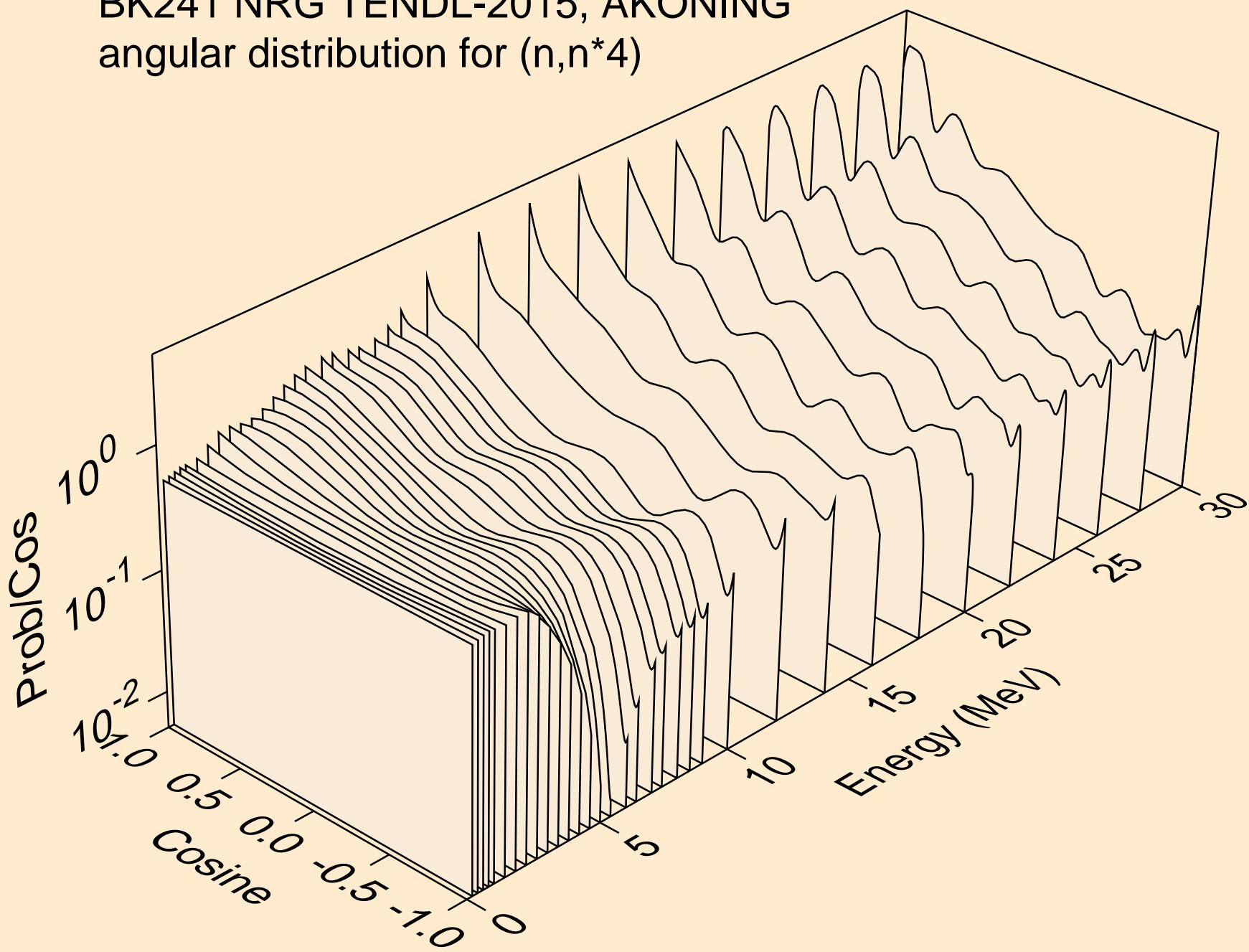
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^2$



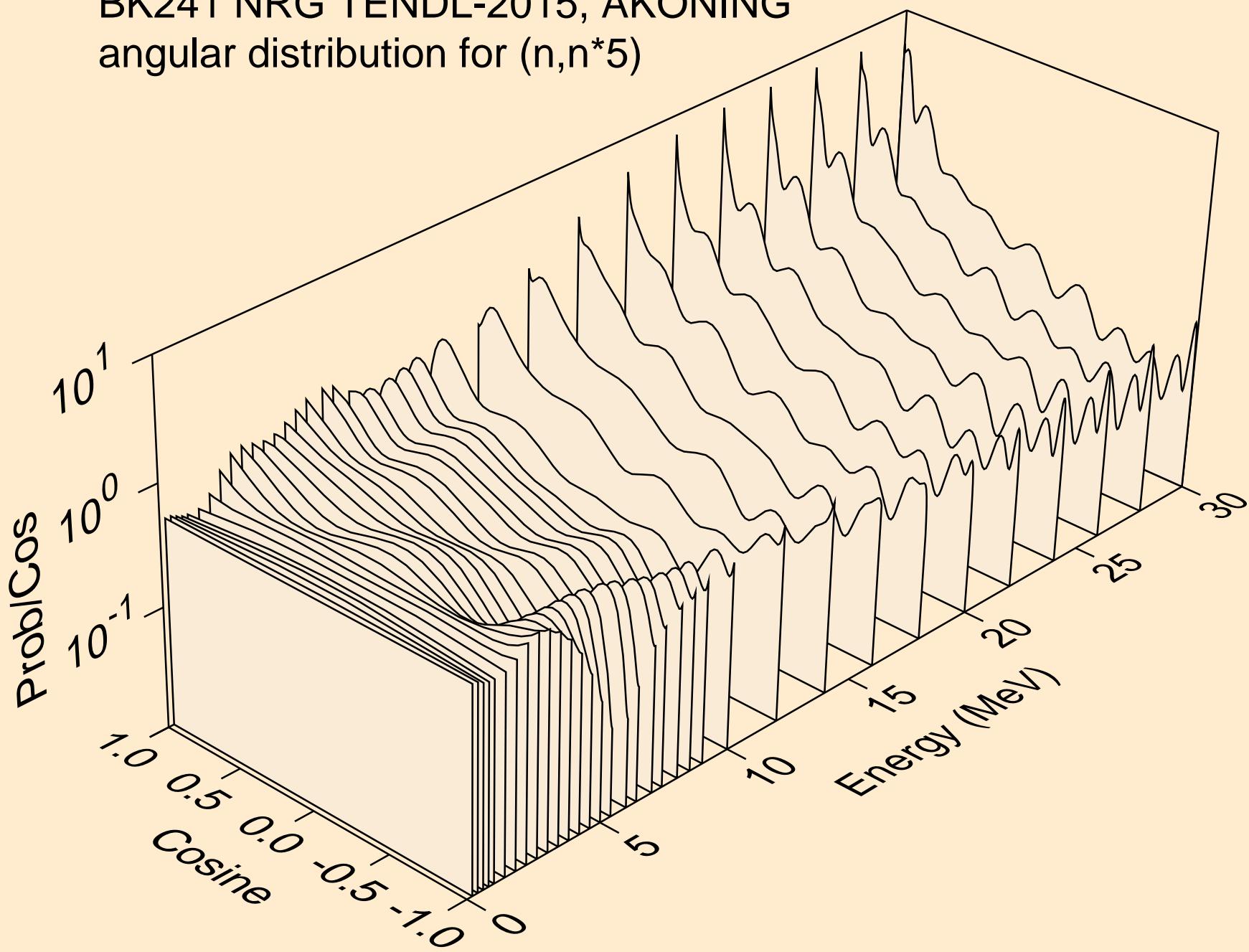
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



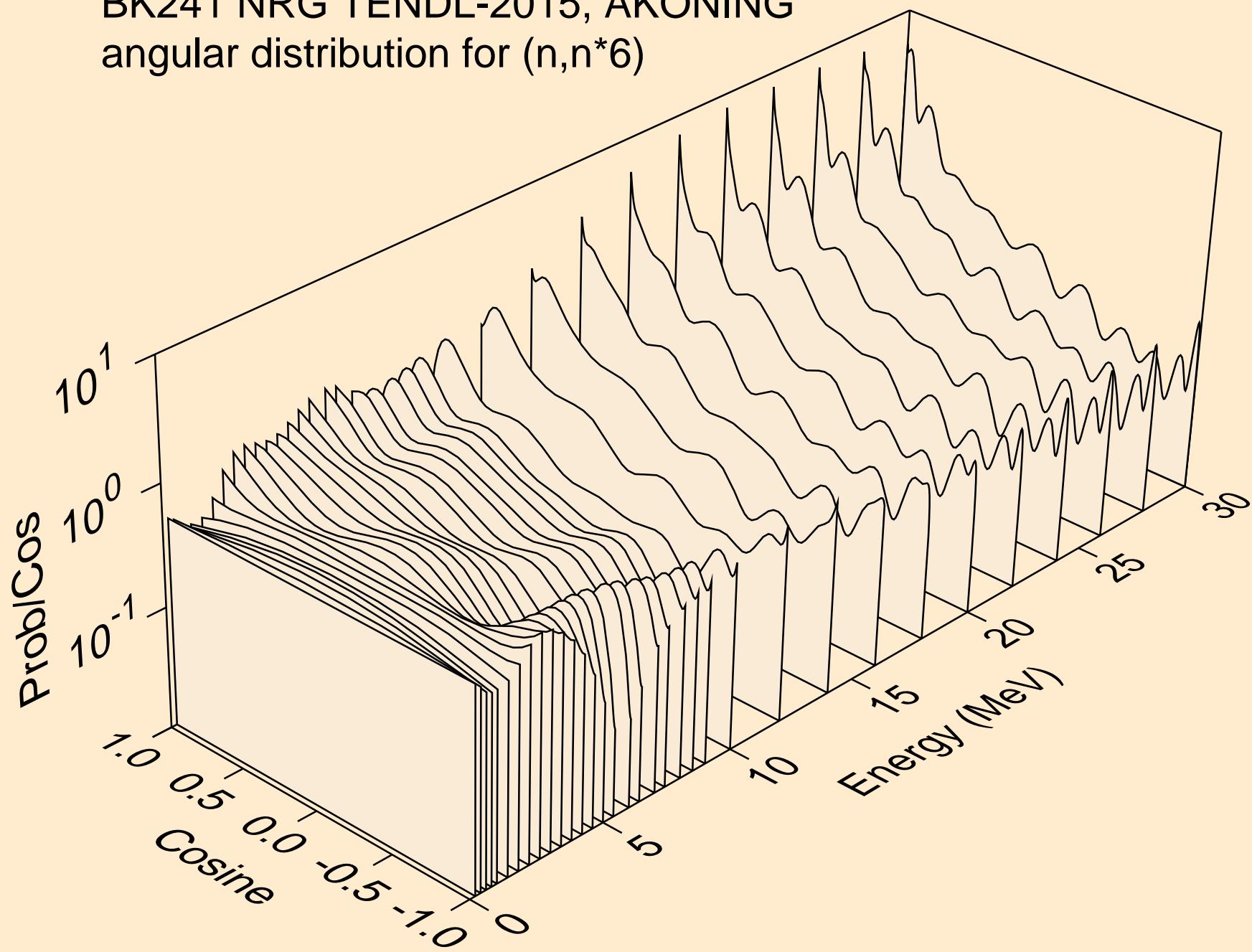
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



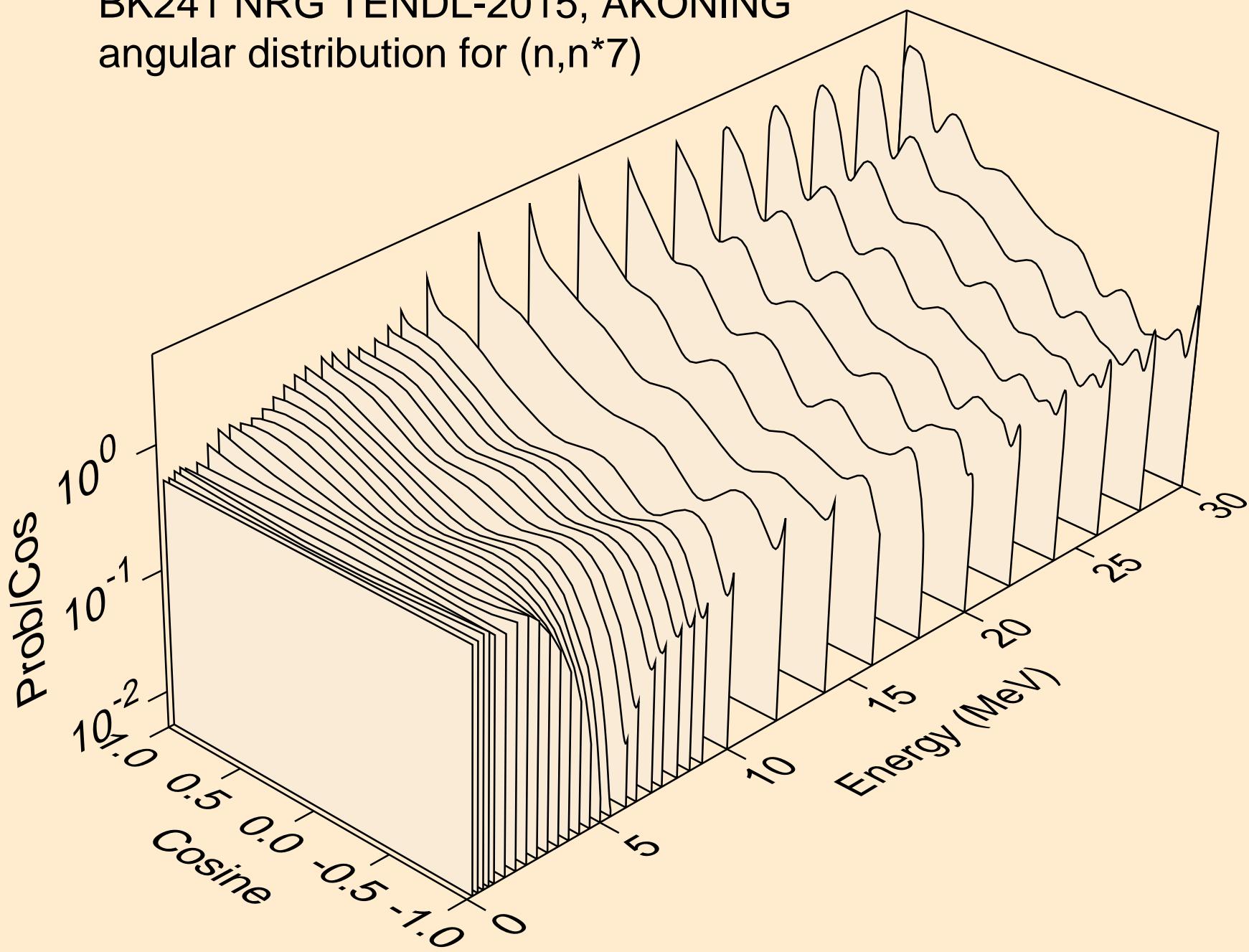
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



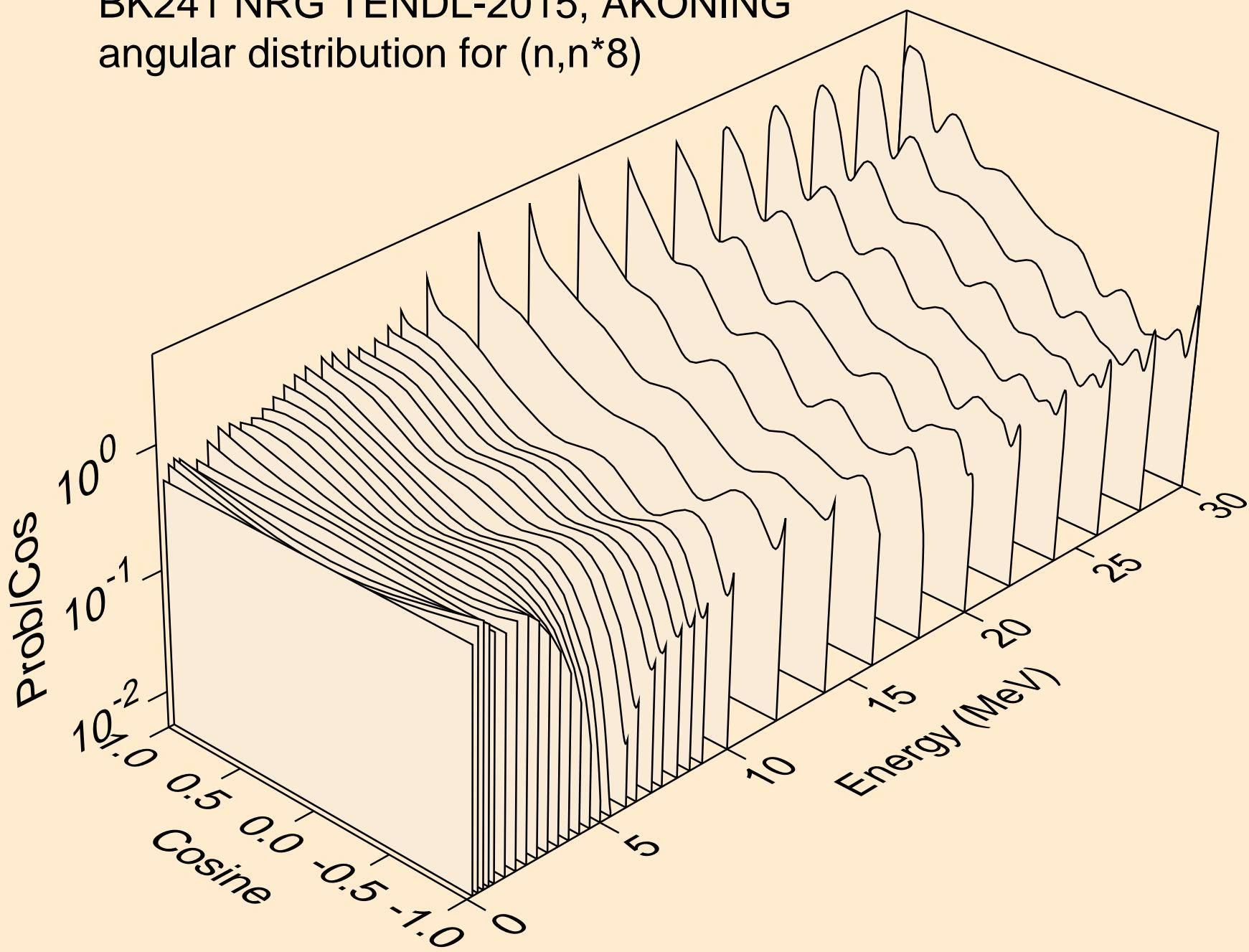
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



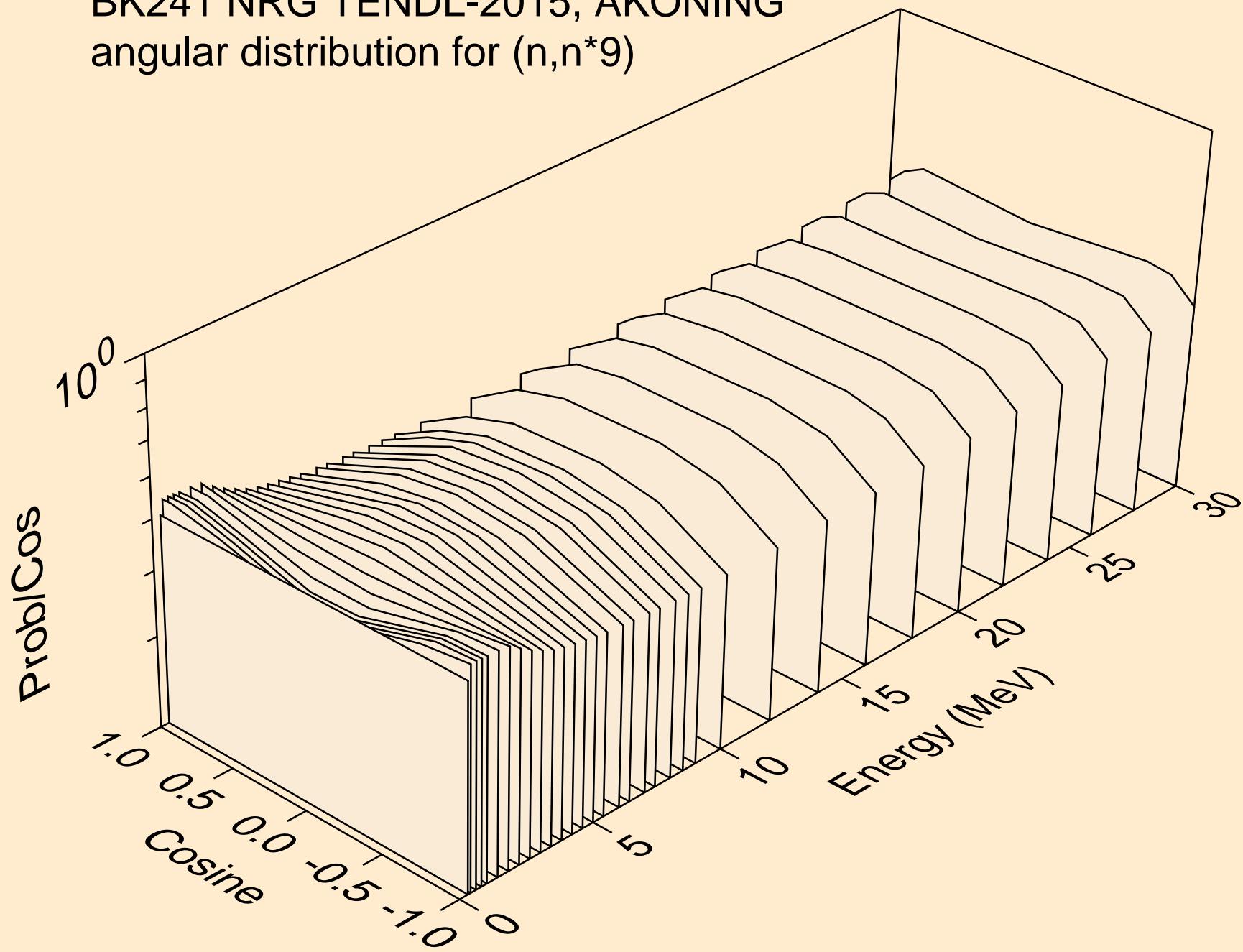
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*7)$



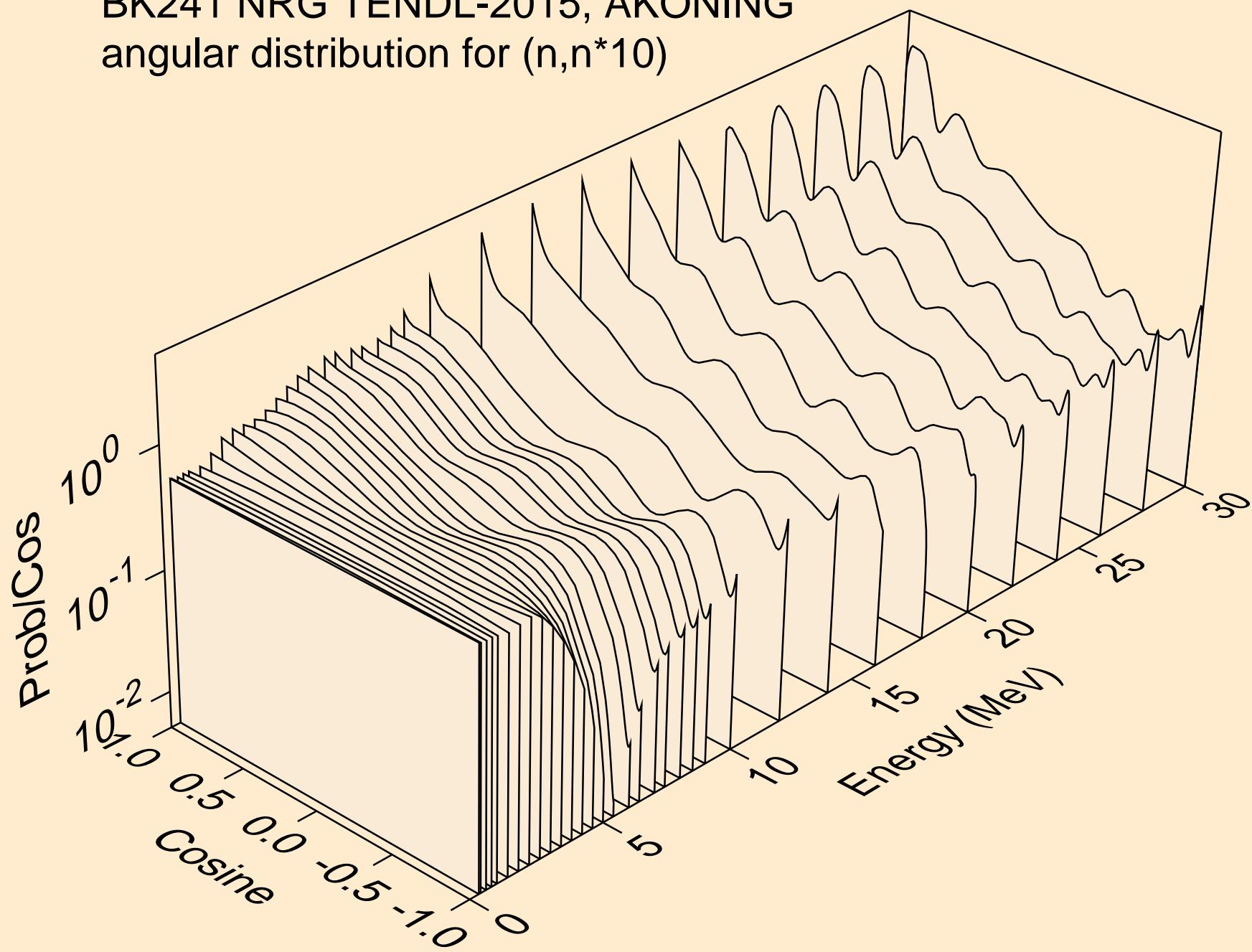
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



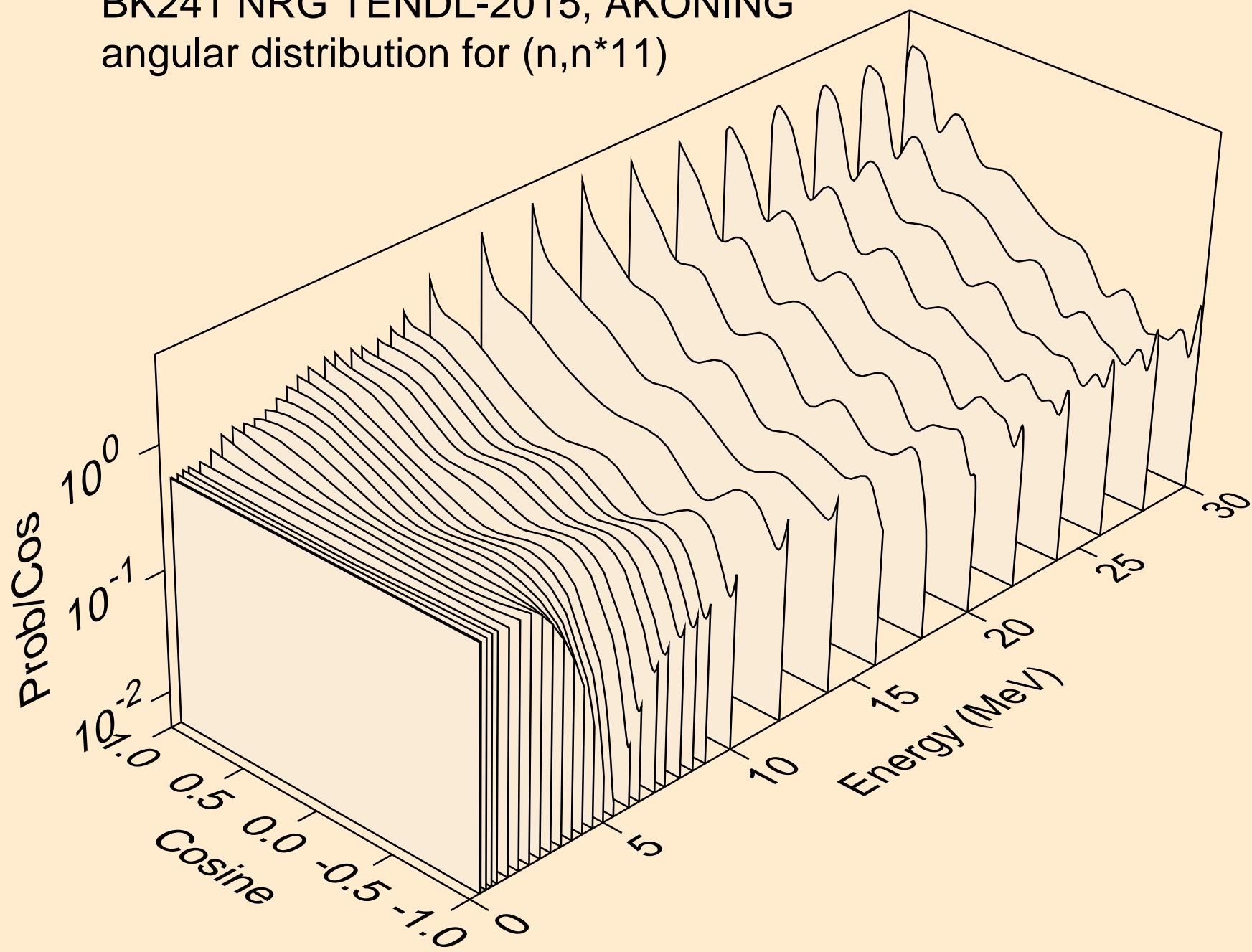
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*9)$



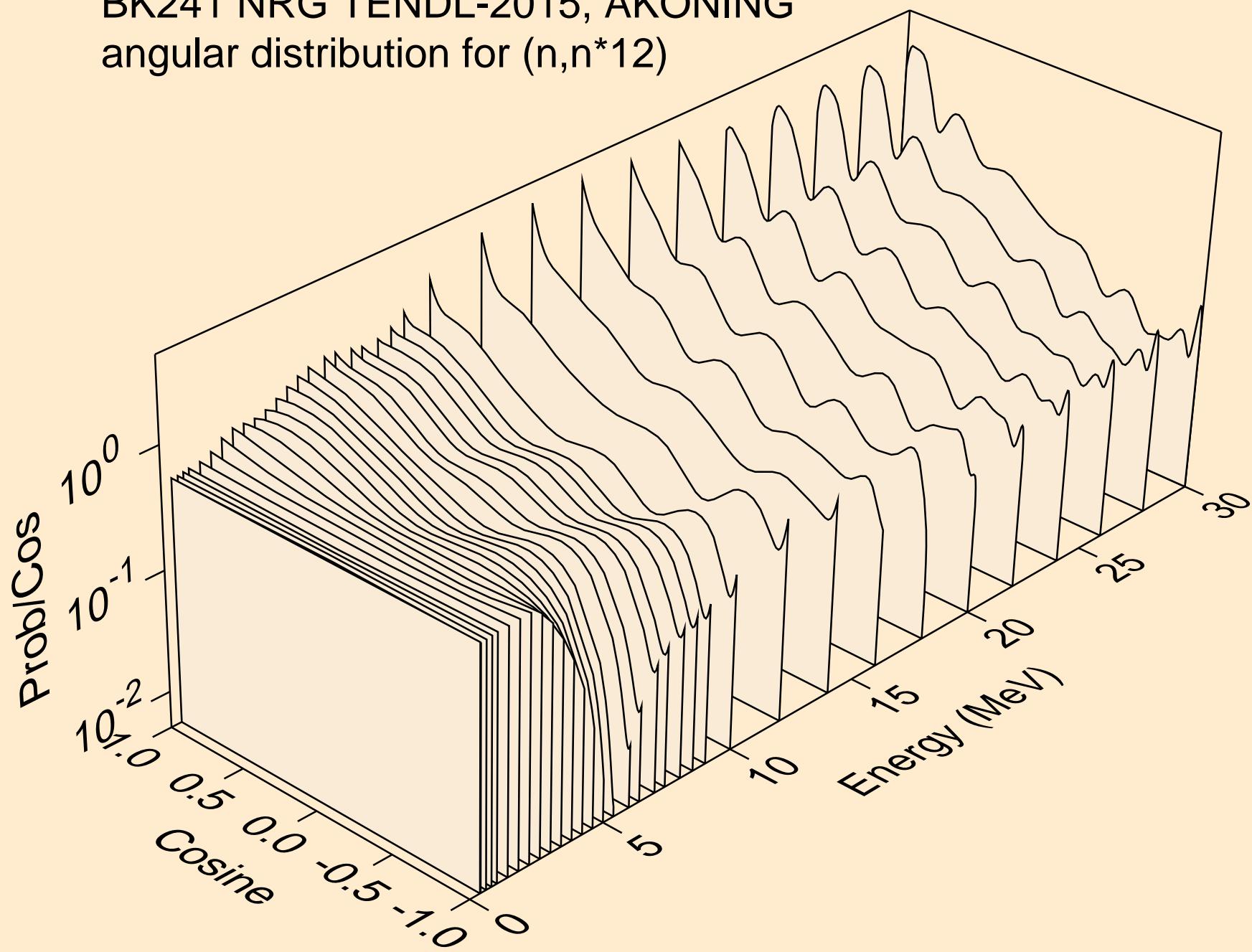
BK241 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



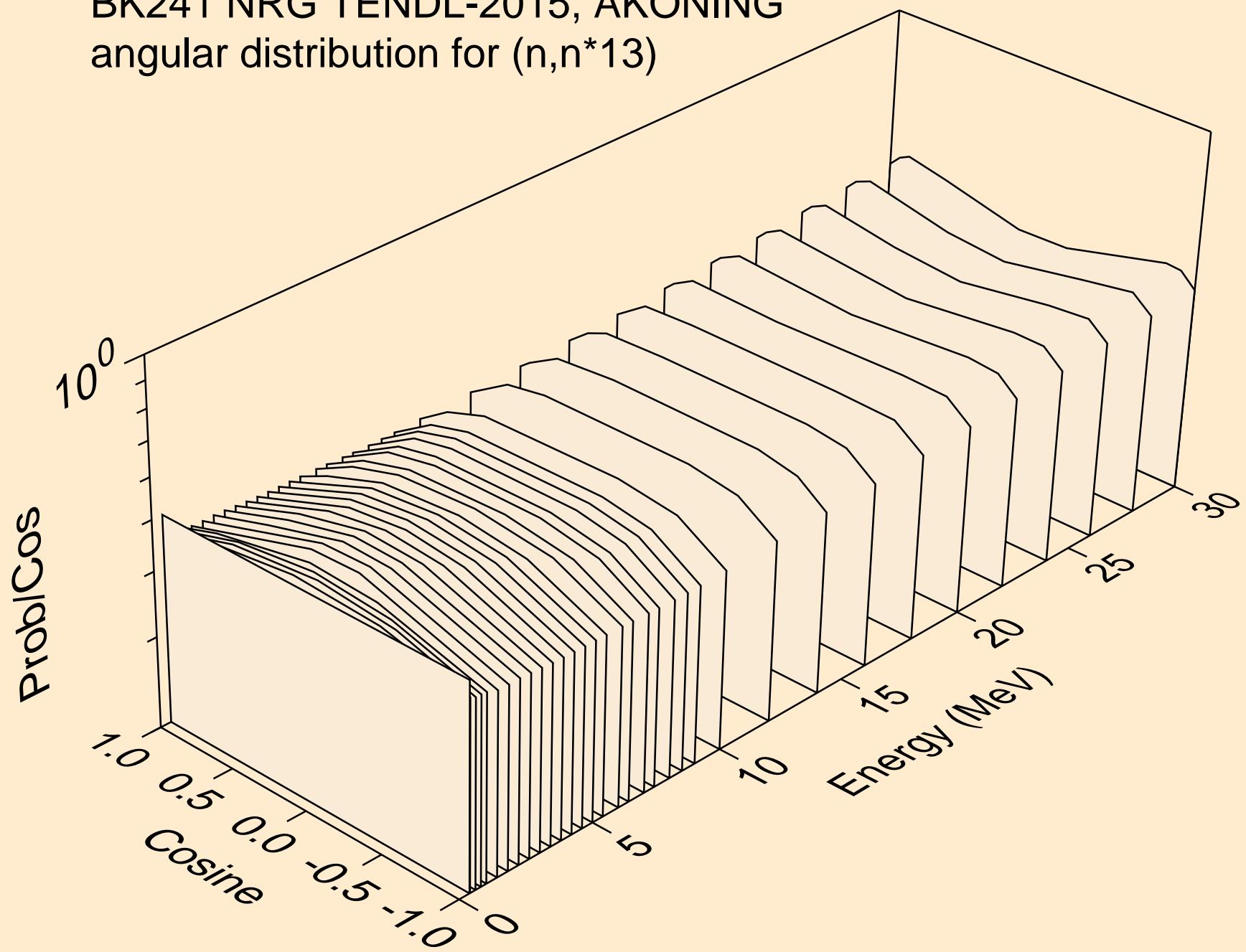
BK241 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



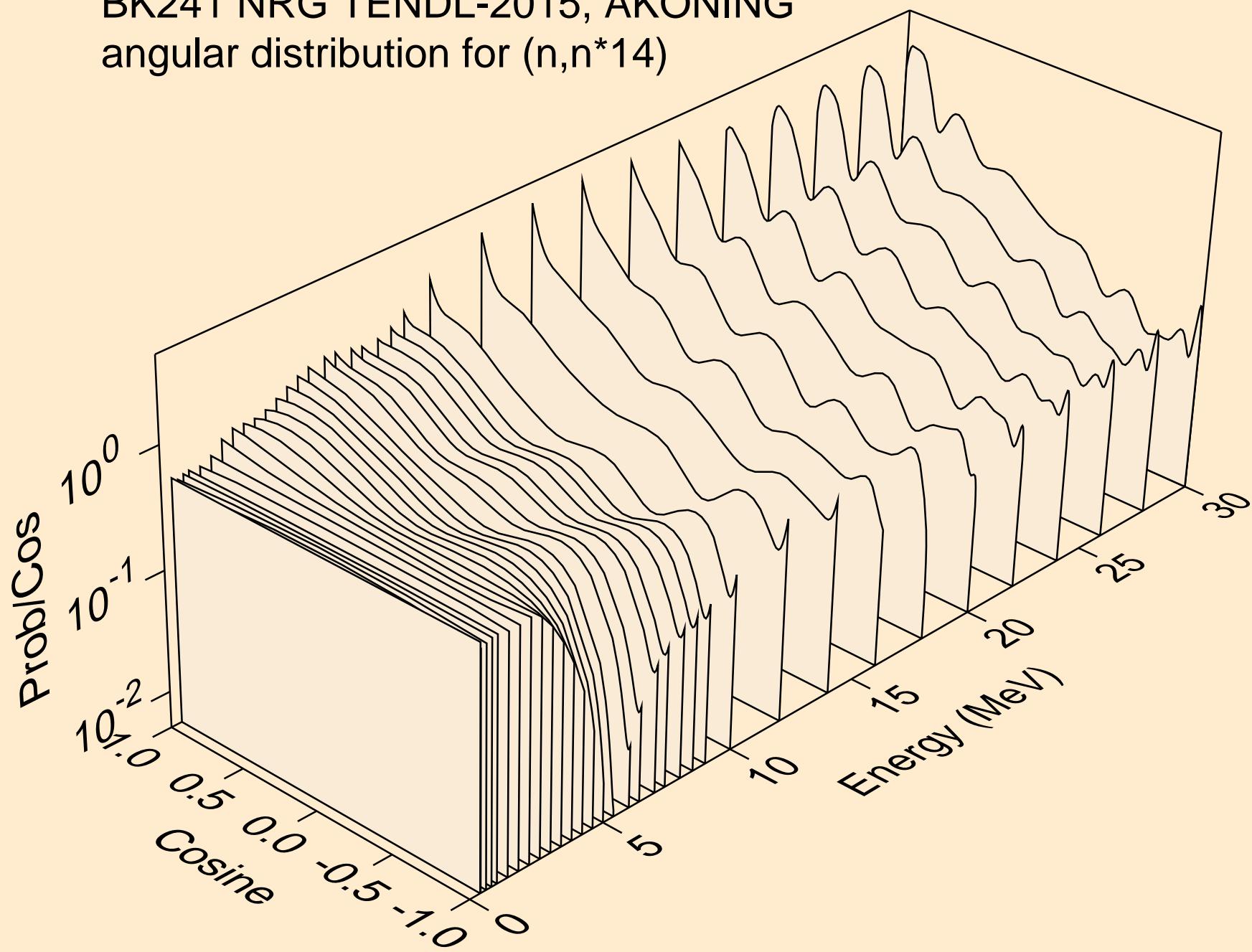
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*12)$



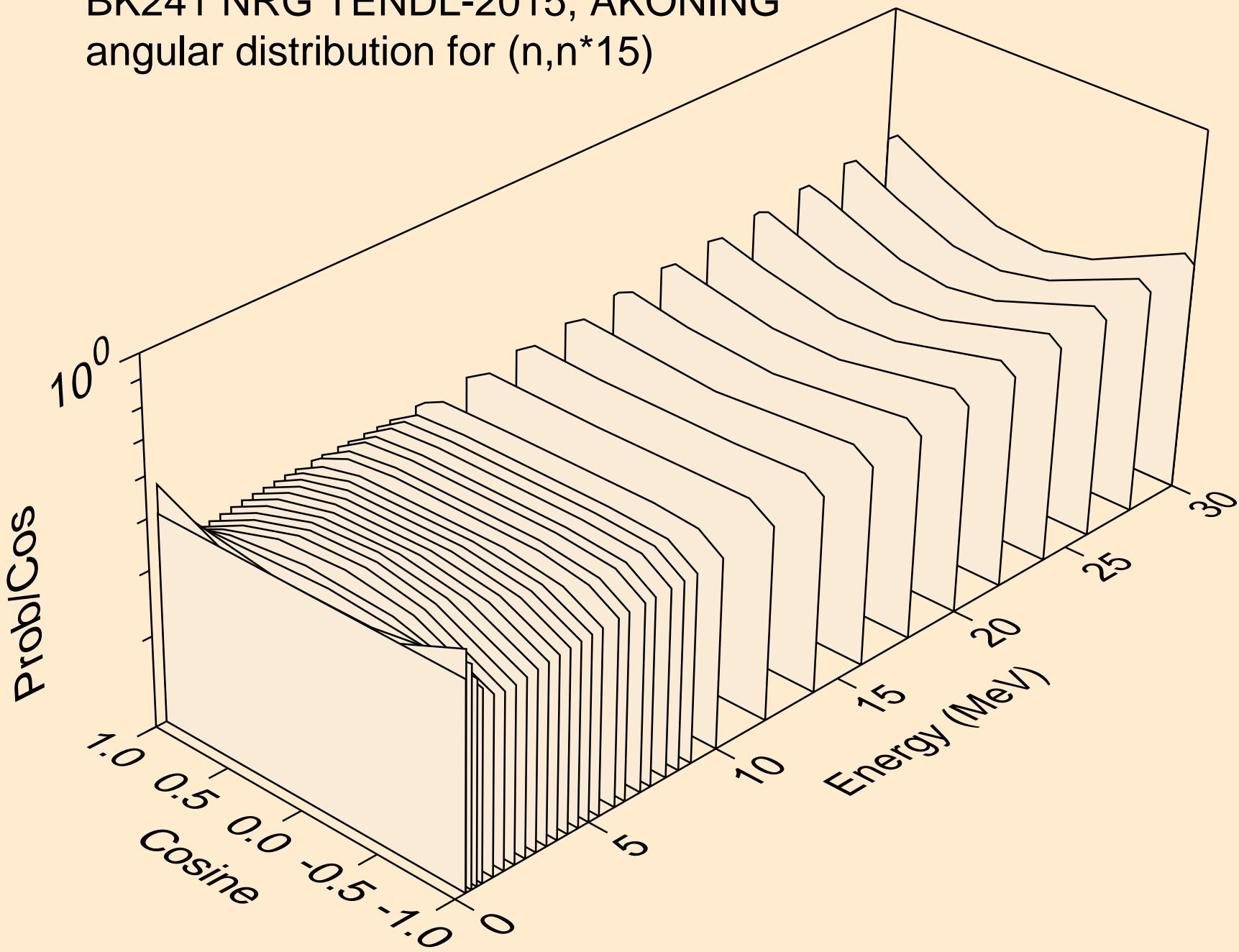
BK241 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



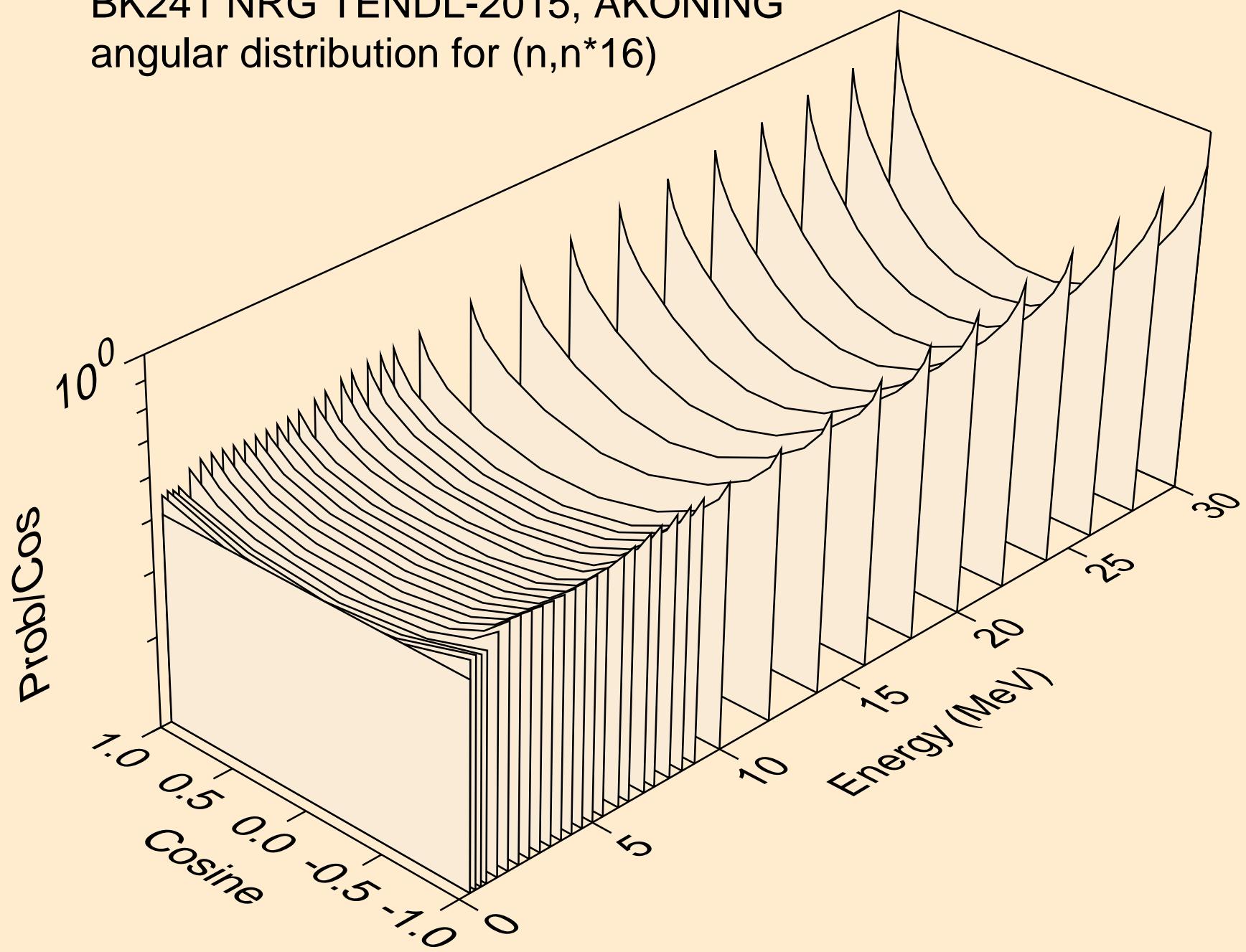
BK241 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



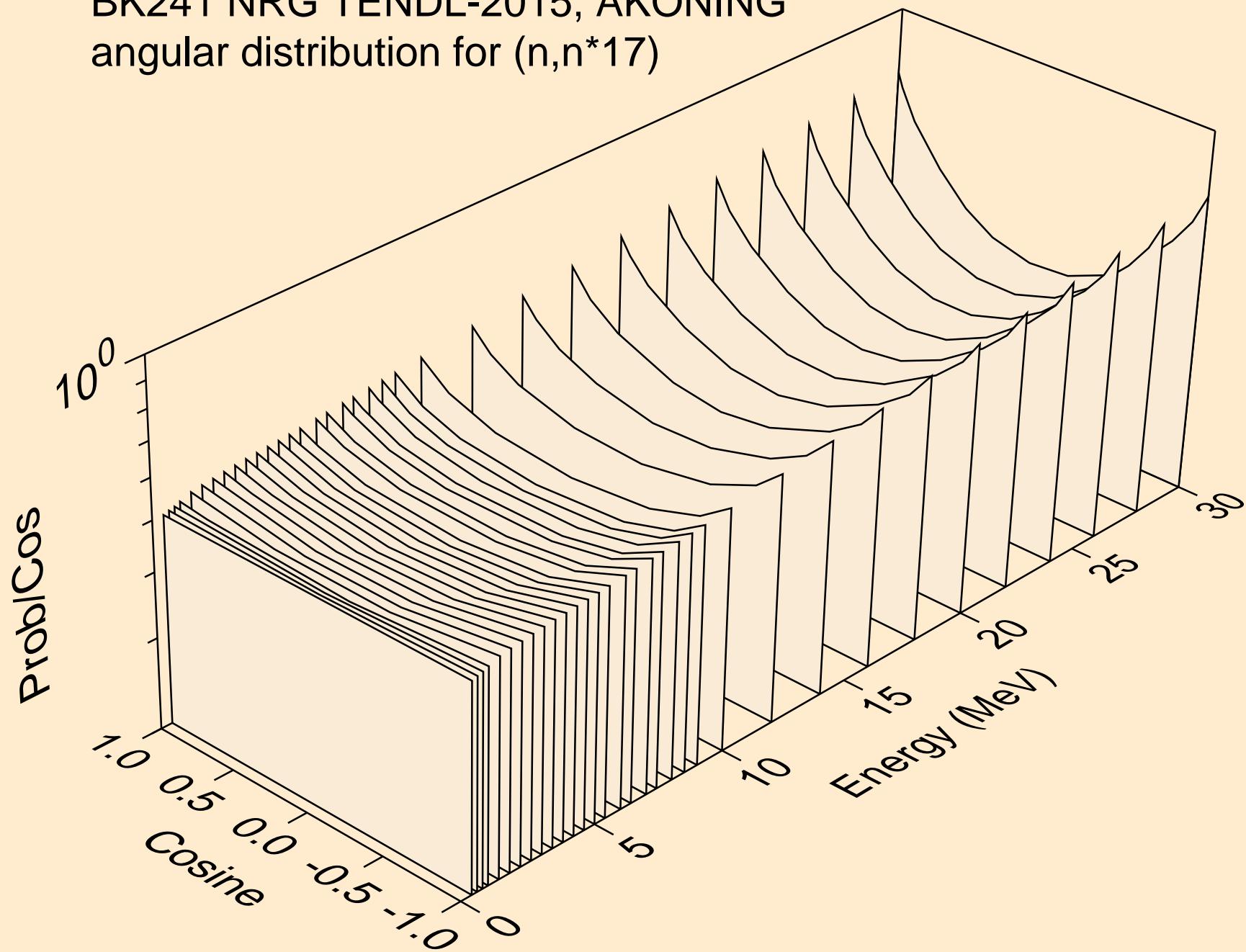
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*15)$



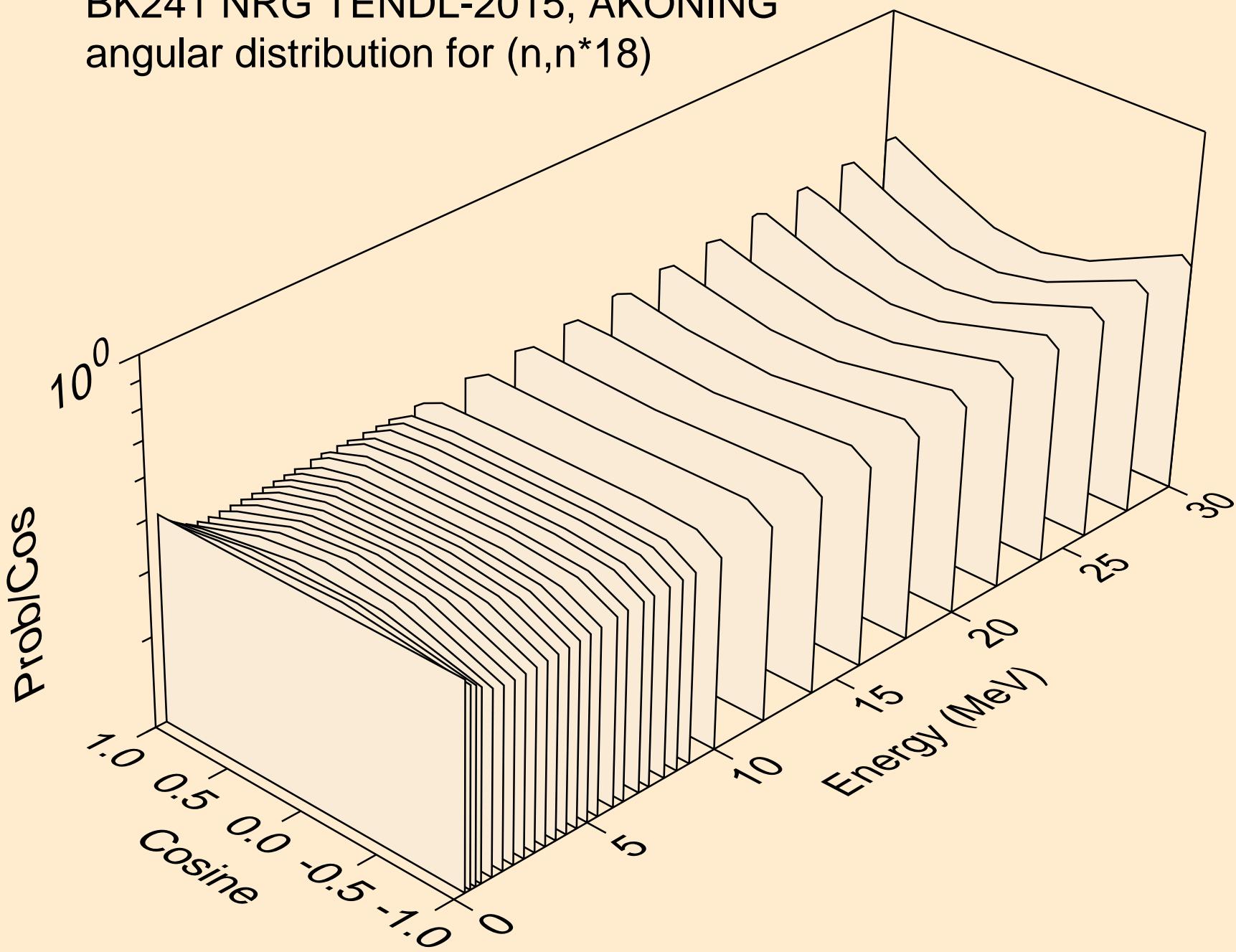
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*16)$



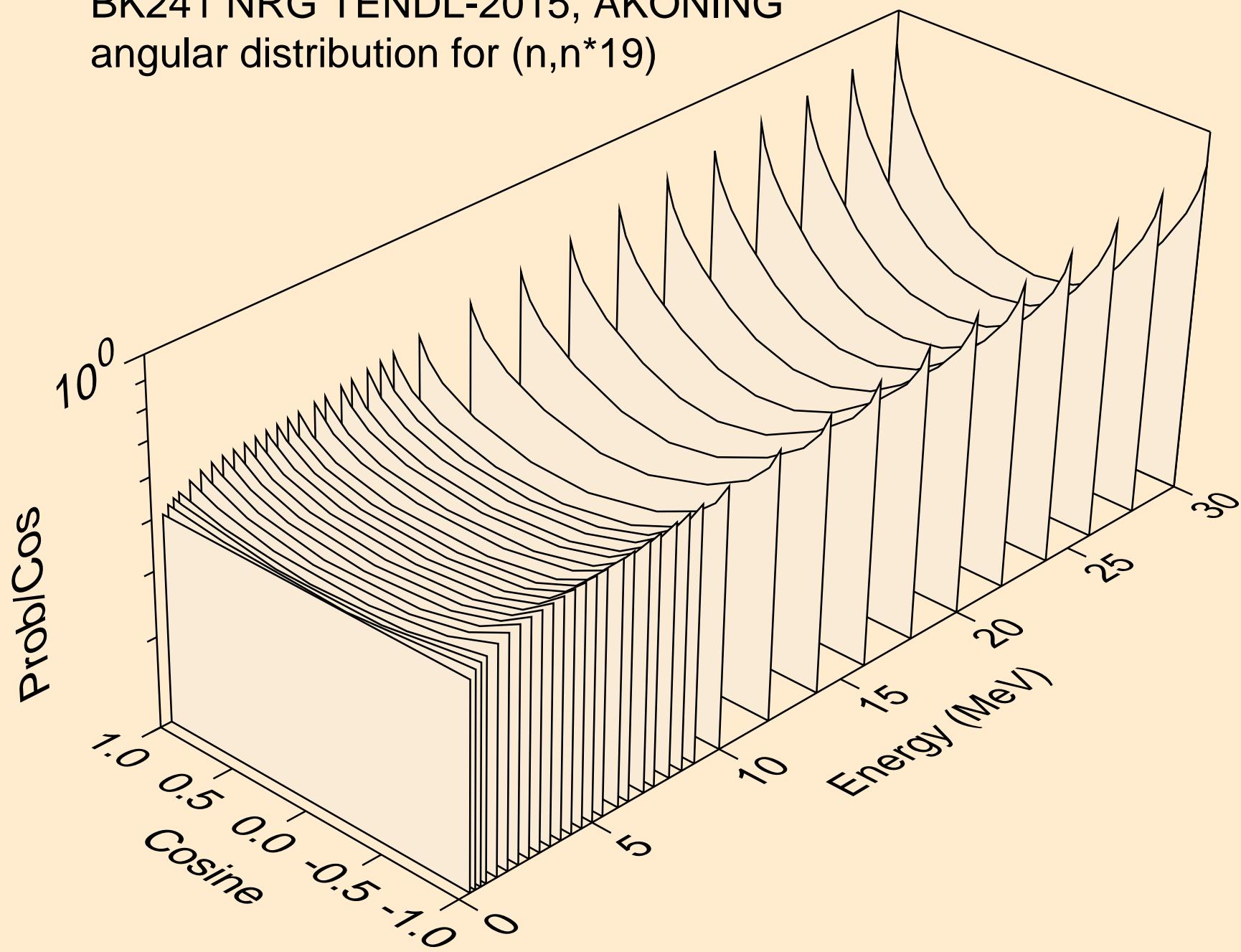
BK241 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



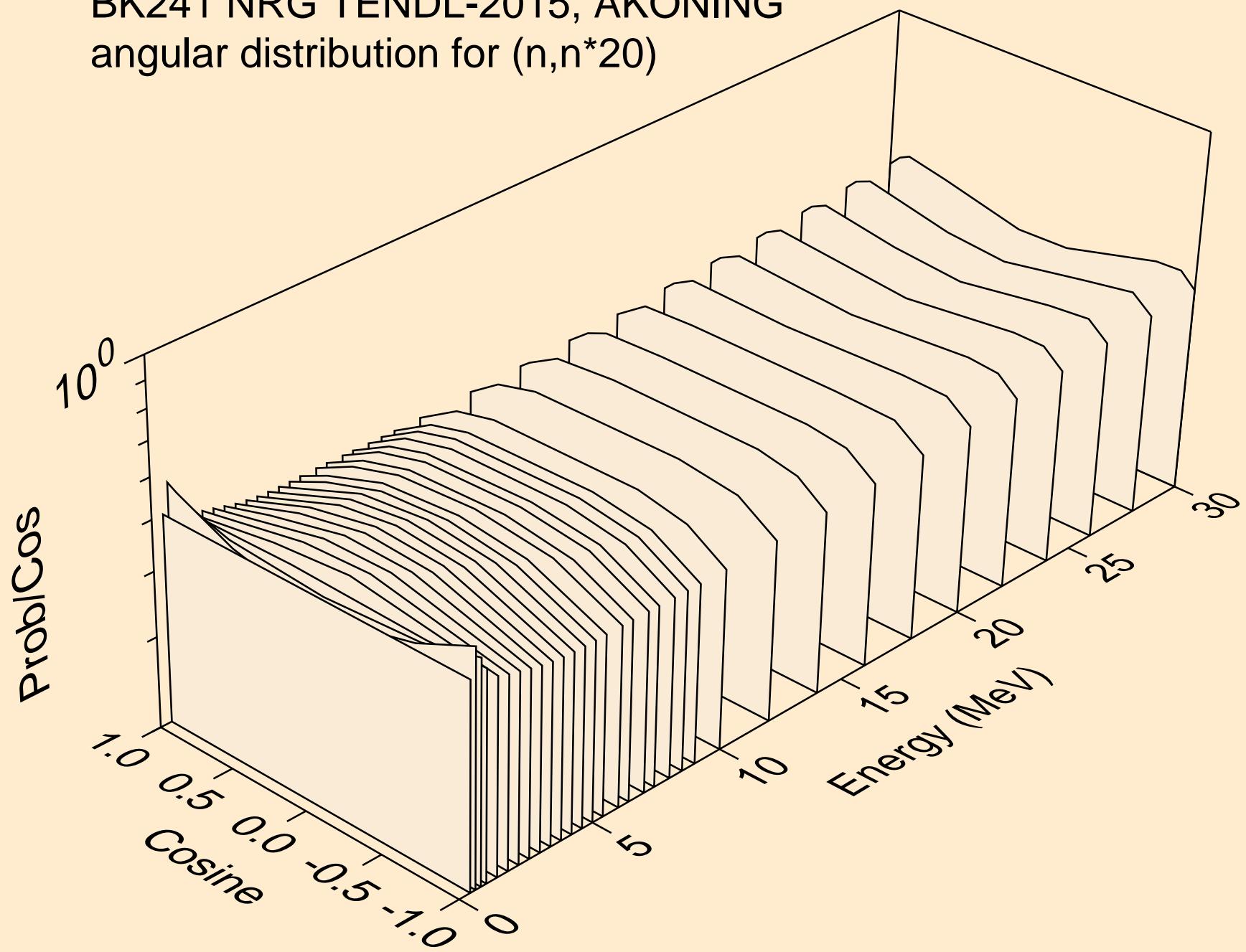
BK241 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



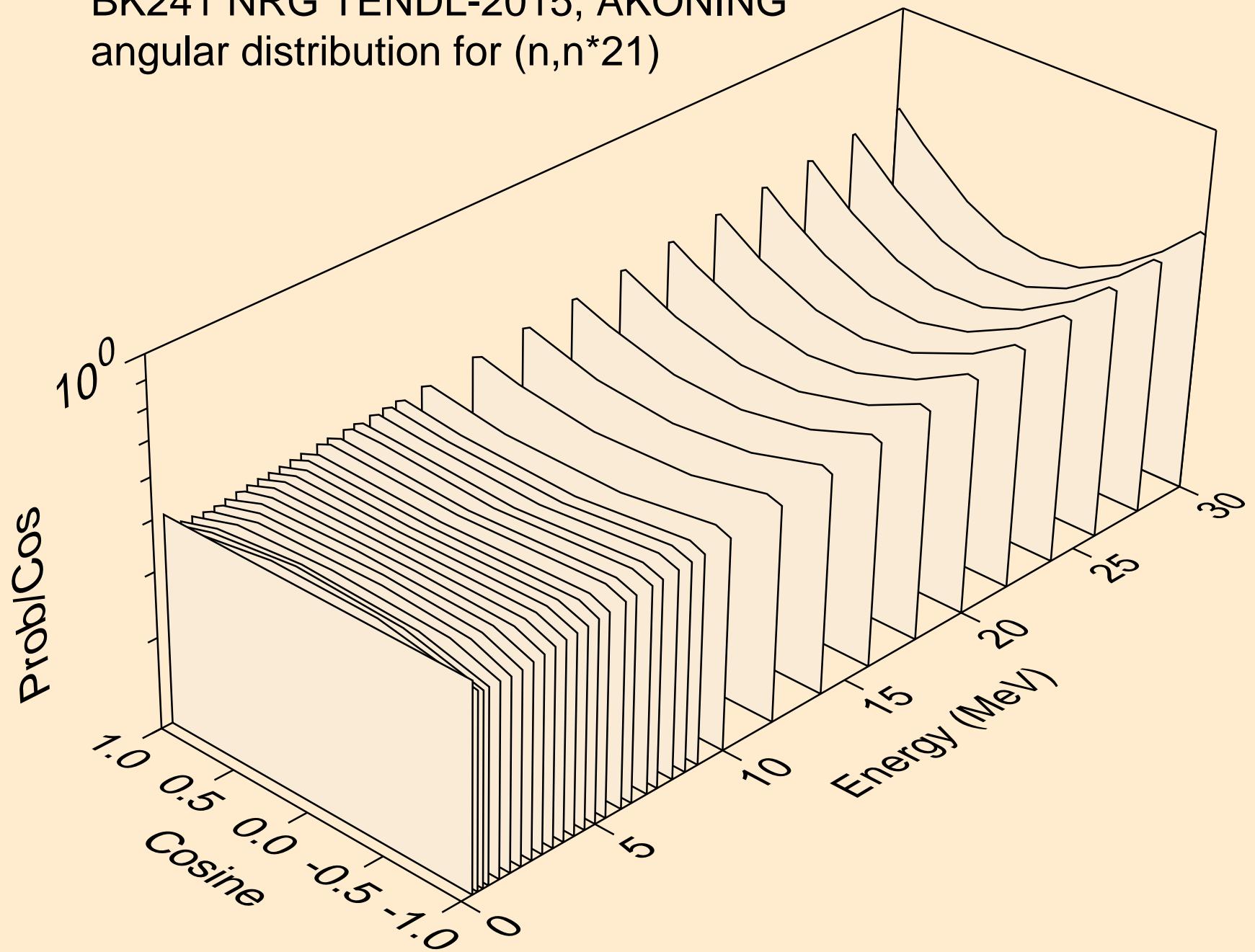
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*19)$



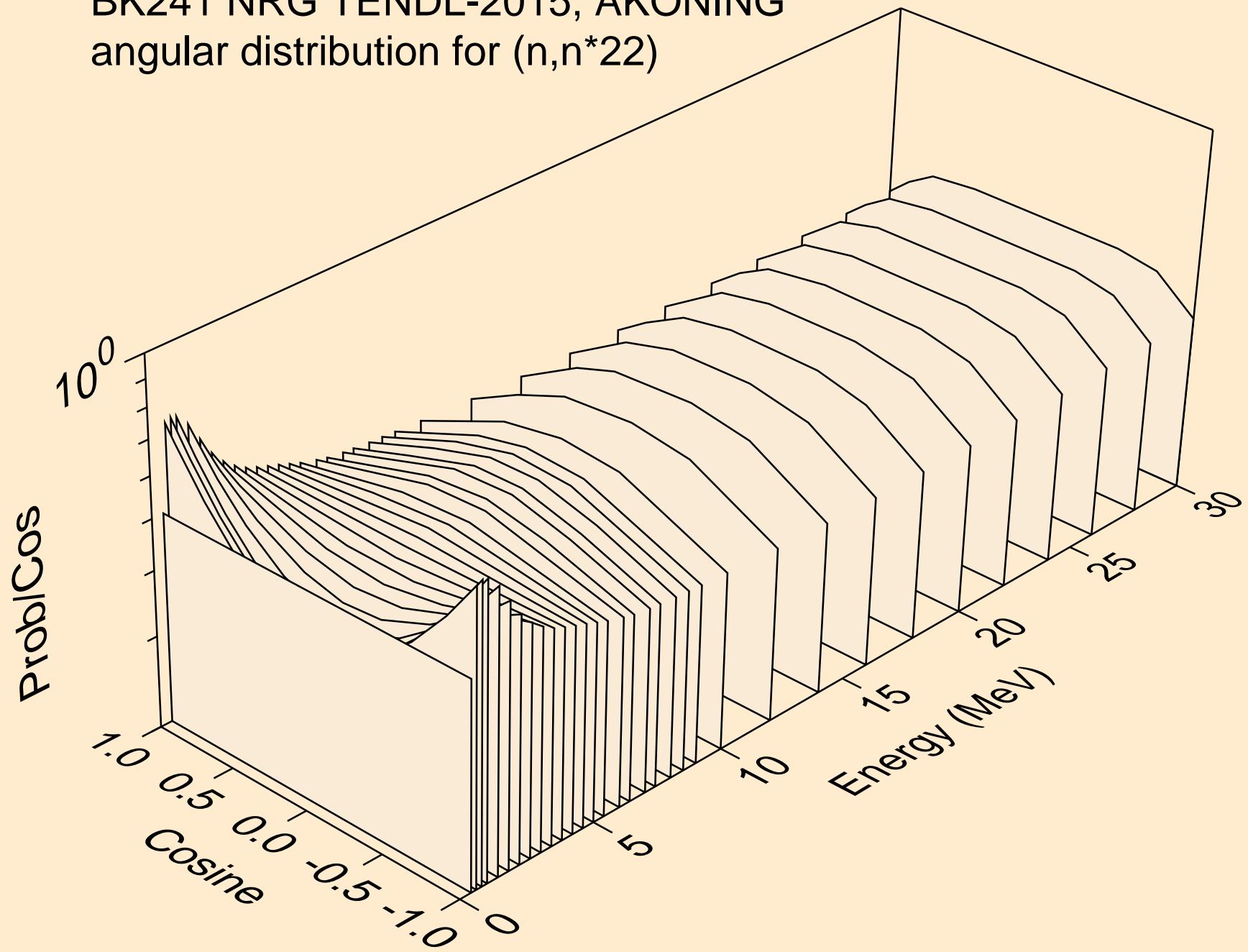
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)20$



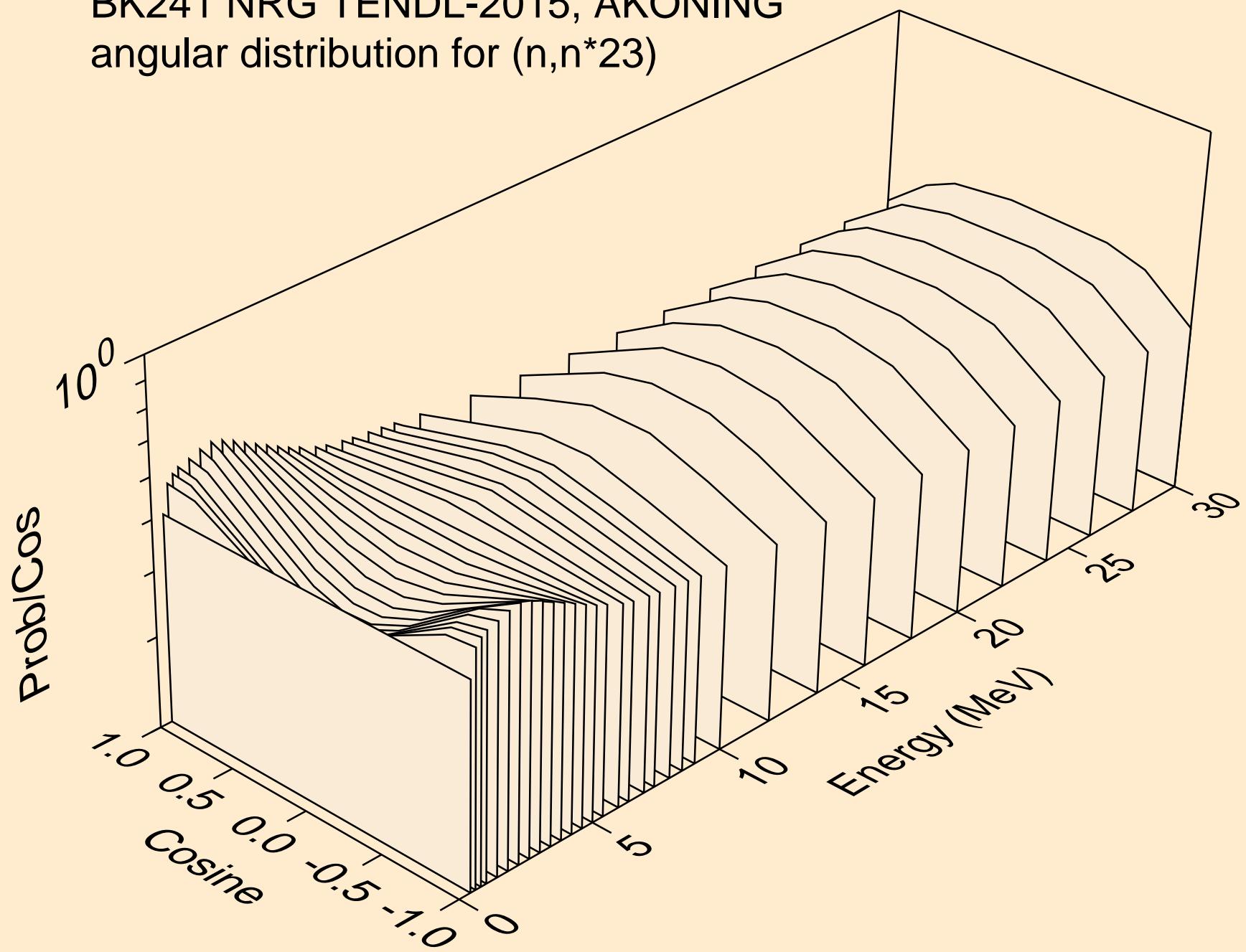
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*21)$



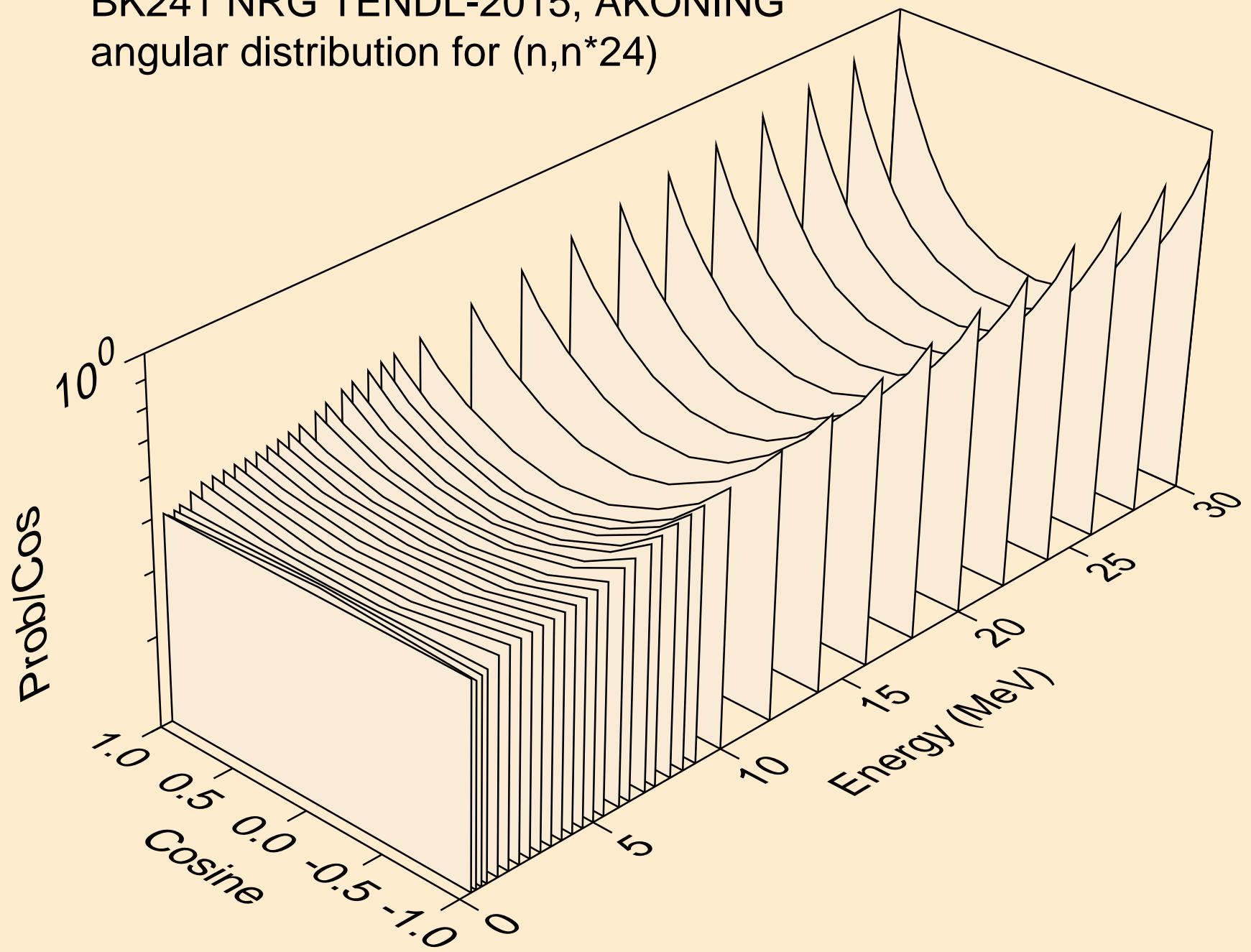
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{22}$



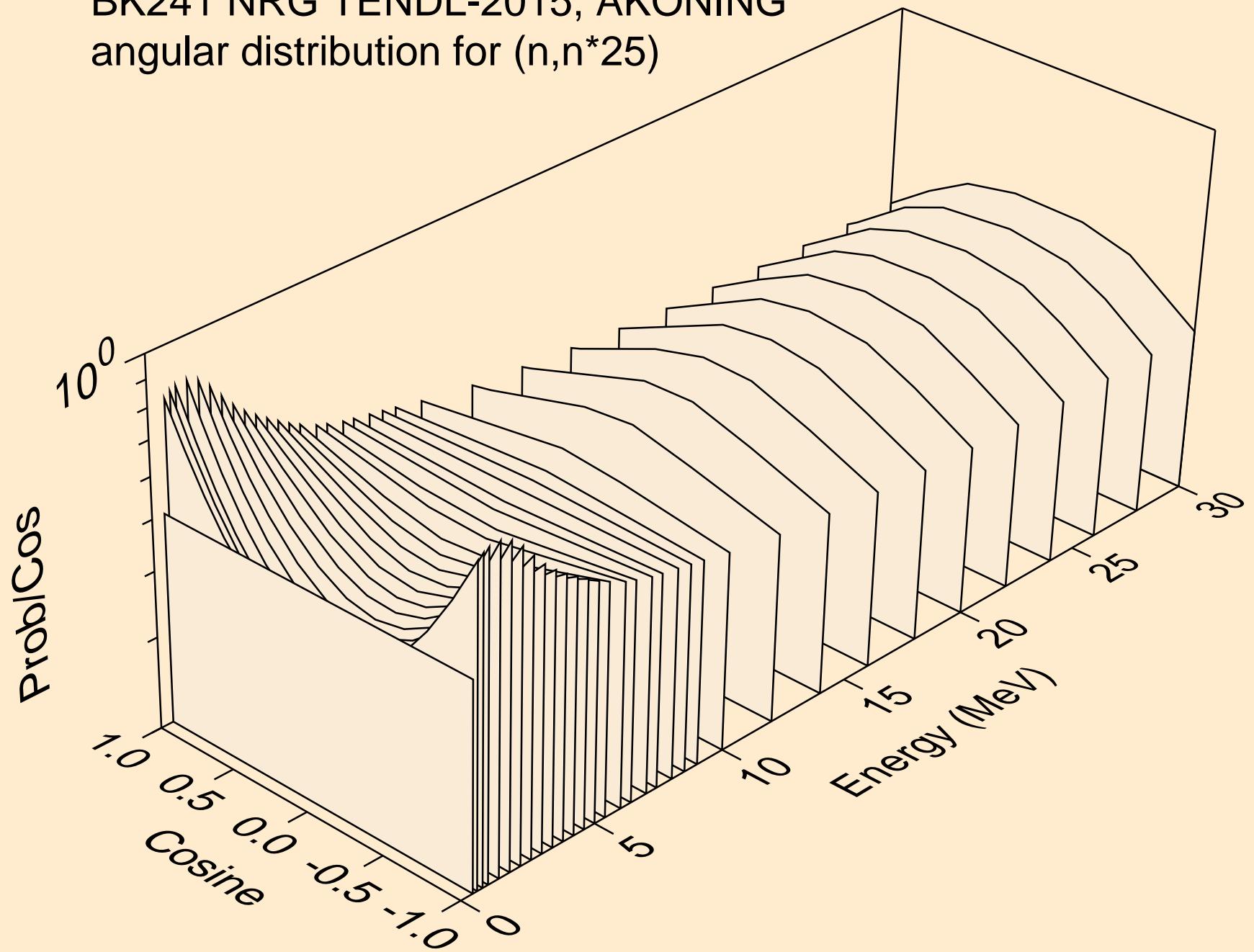
BK241 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )23



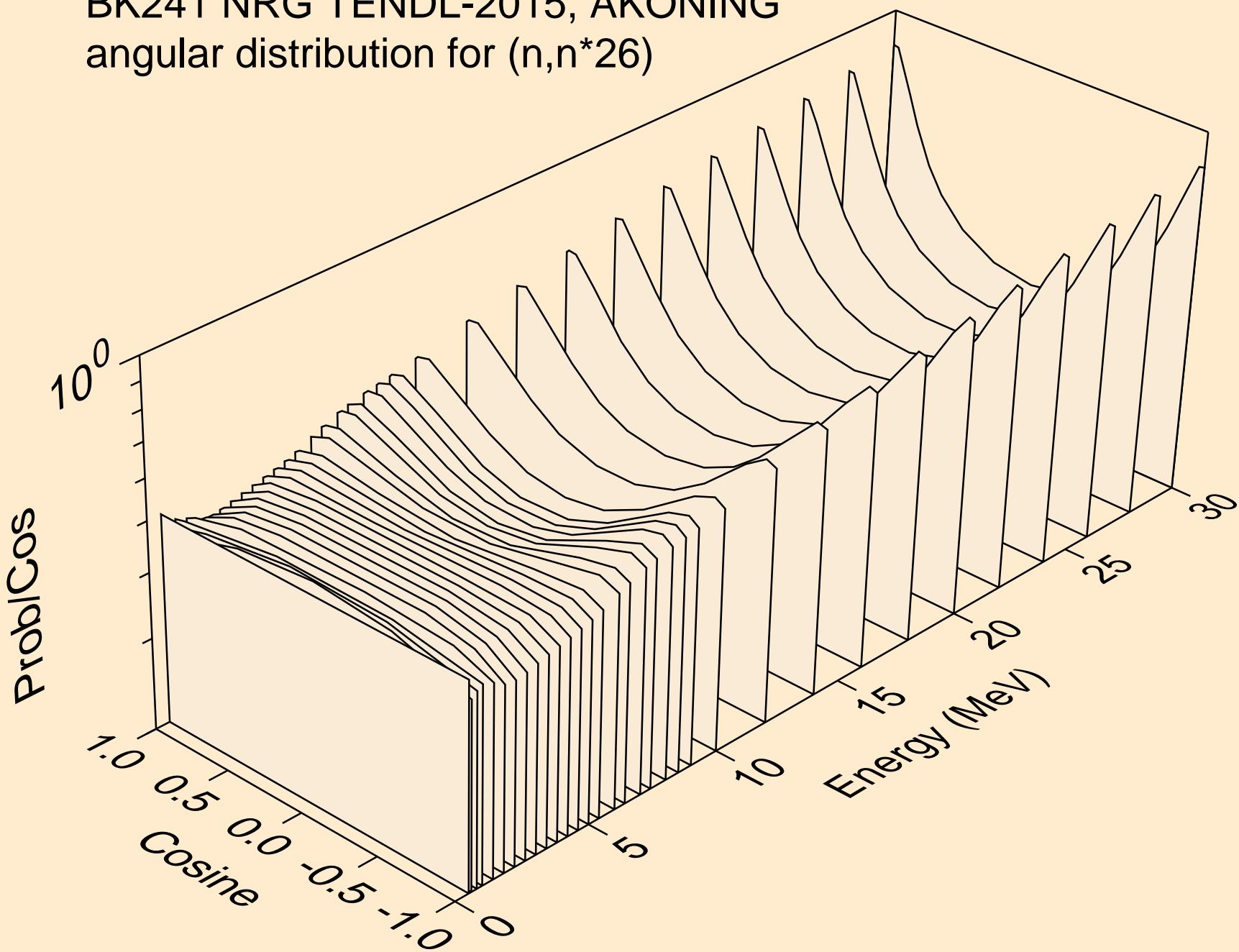
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*24)$



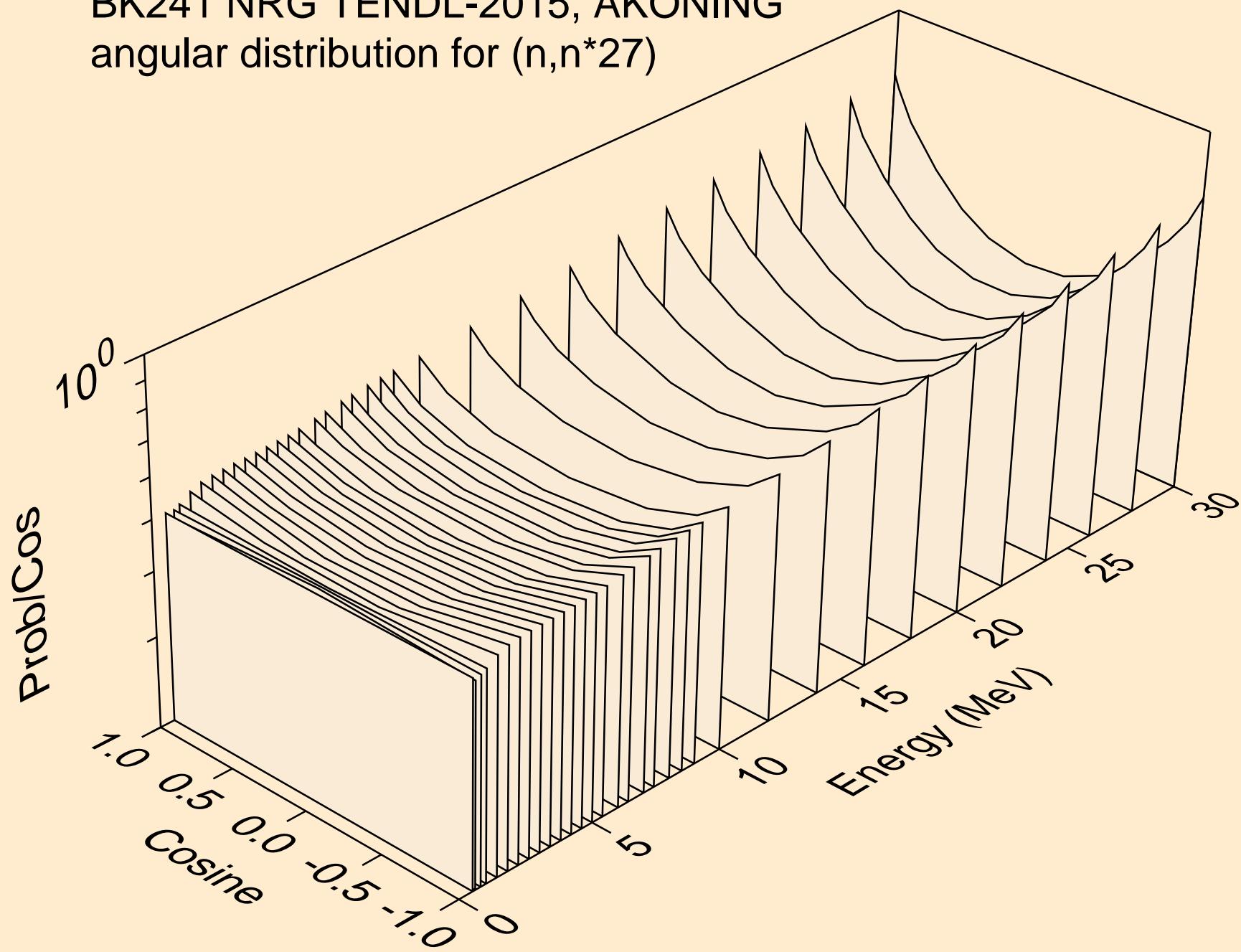
BK241 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



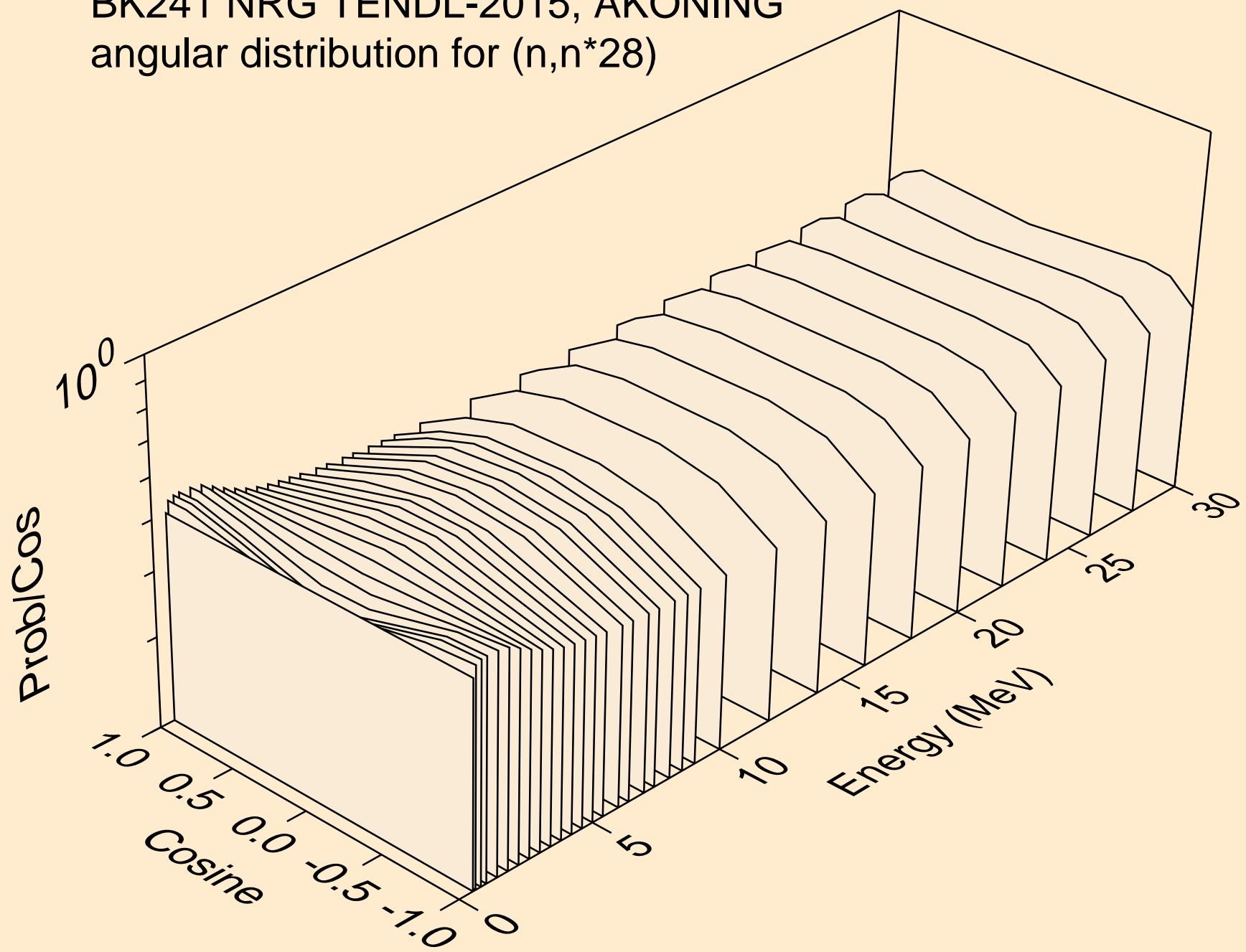
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{26}$



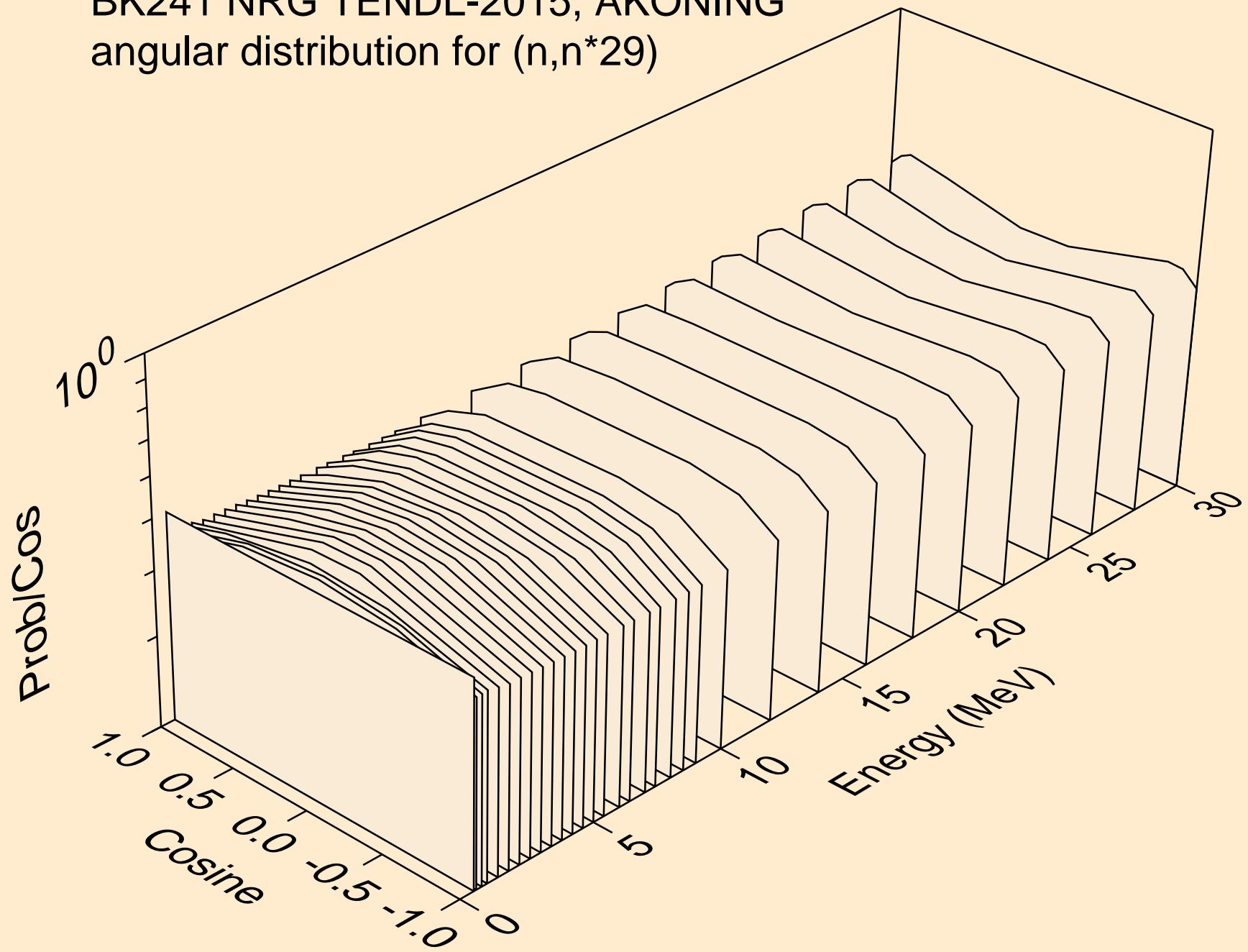
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*27)$



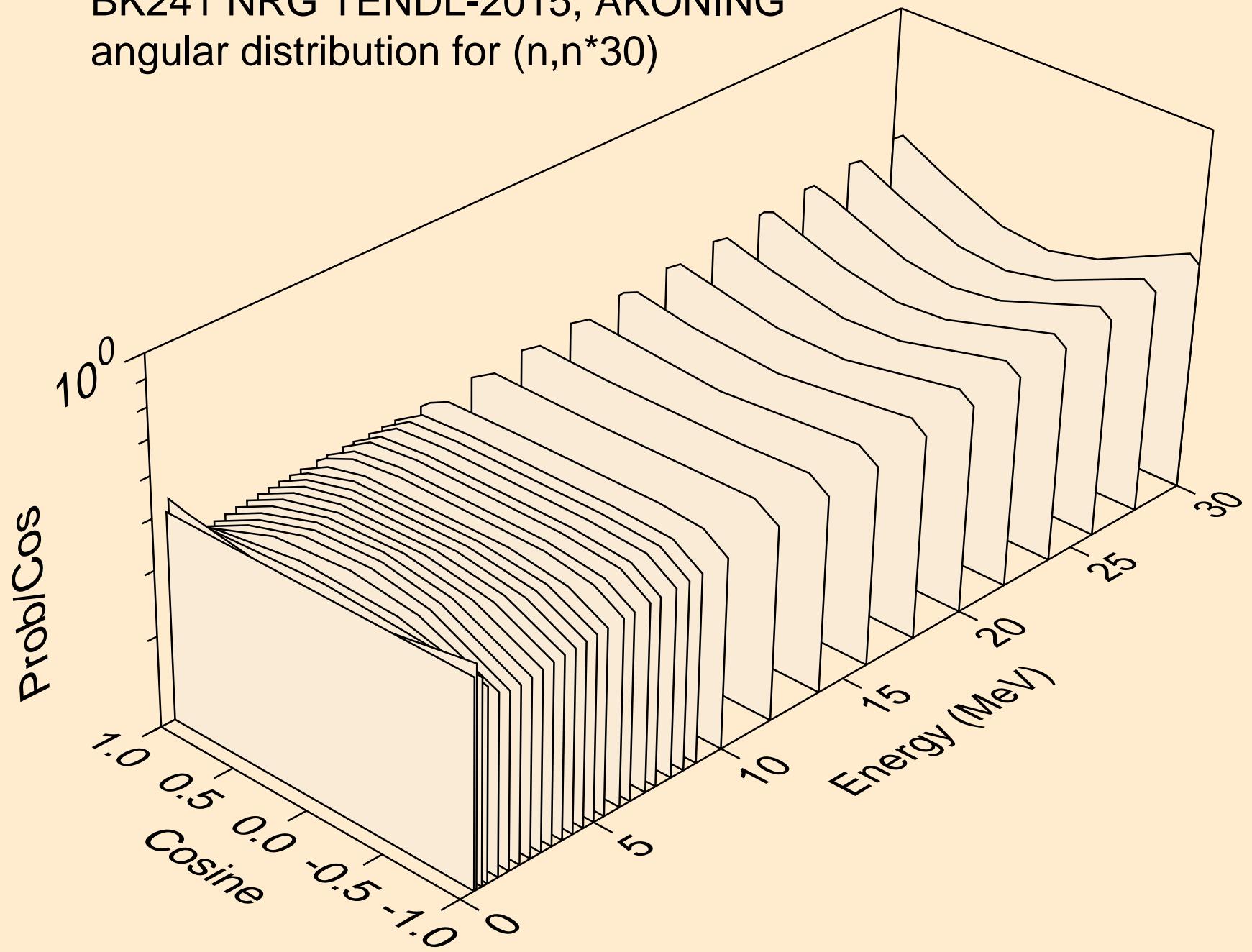
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{28}$



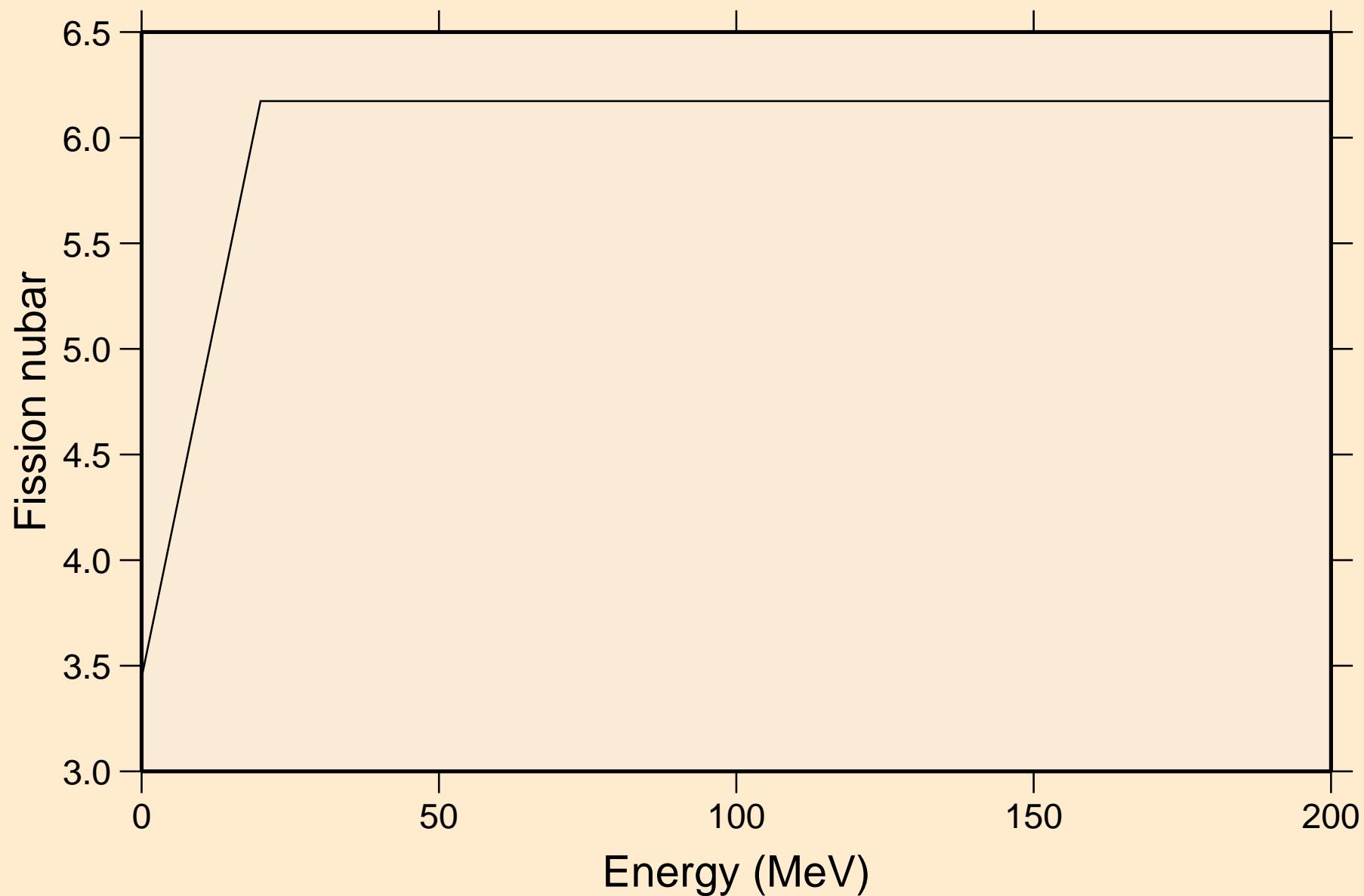
BK241 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*29)$



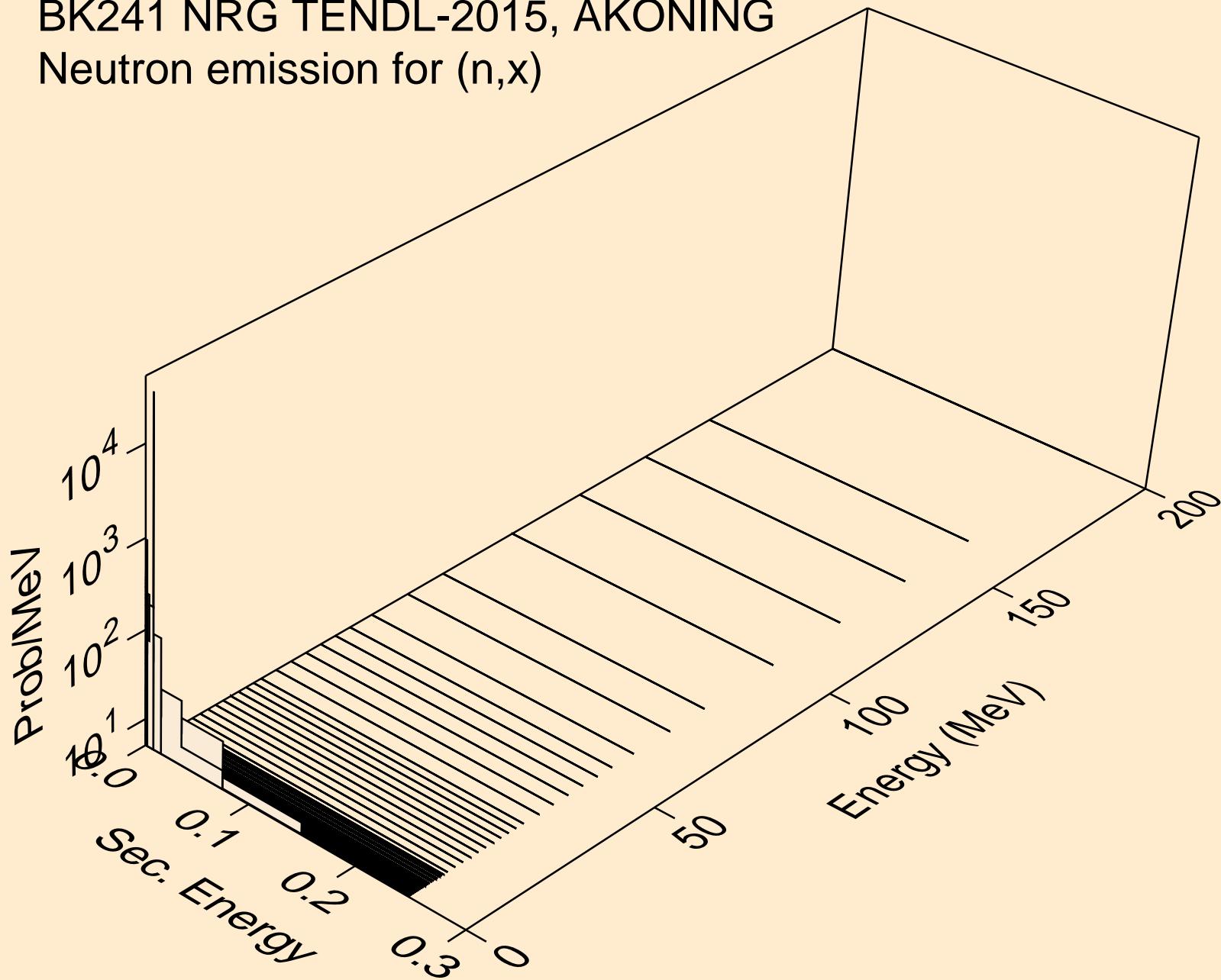
BK241 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



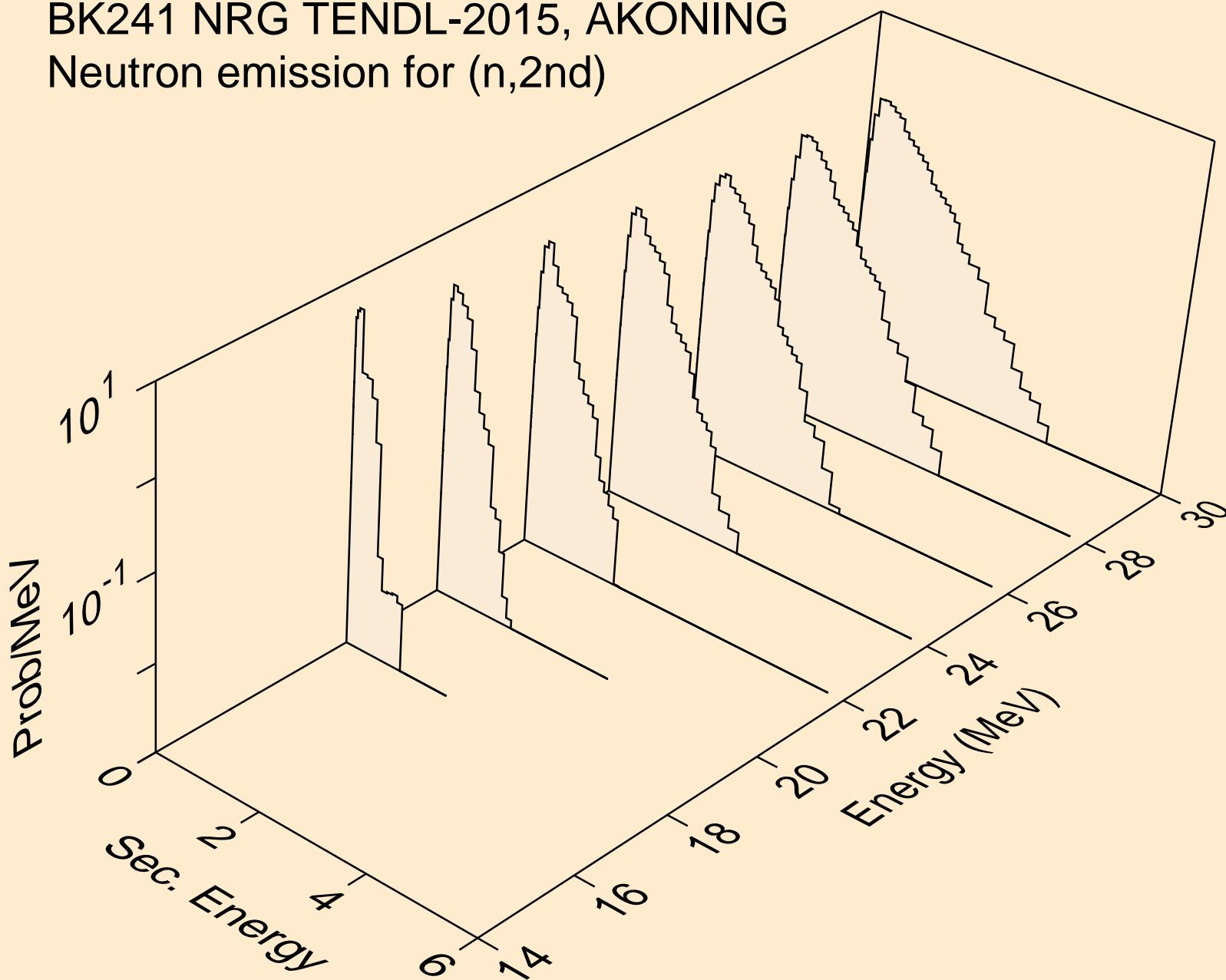
BK241 NRG TENDL-2015, AKONING  
Total fission nubar



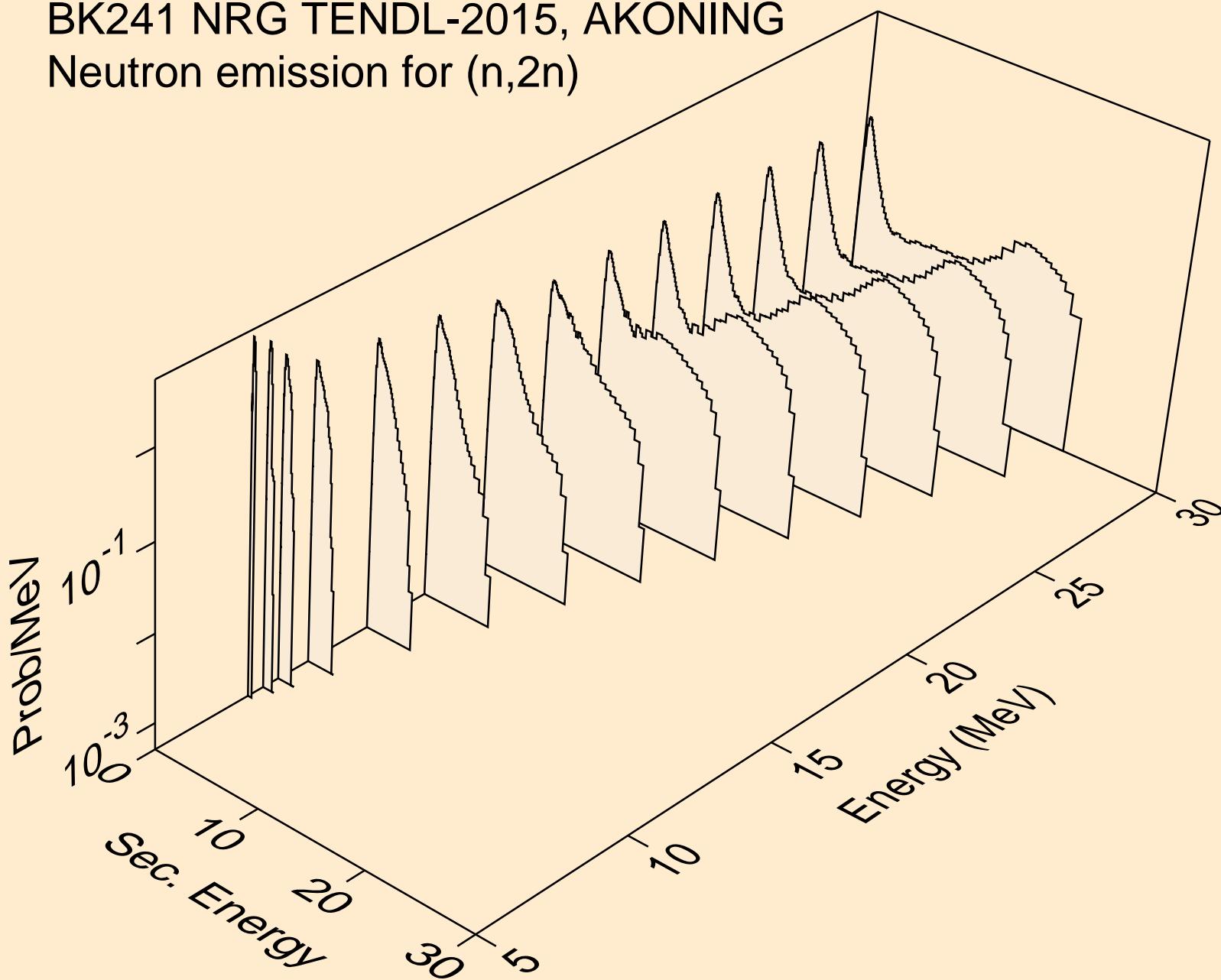
BK241 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



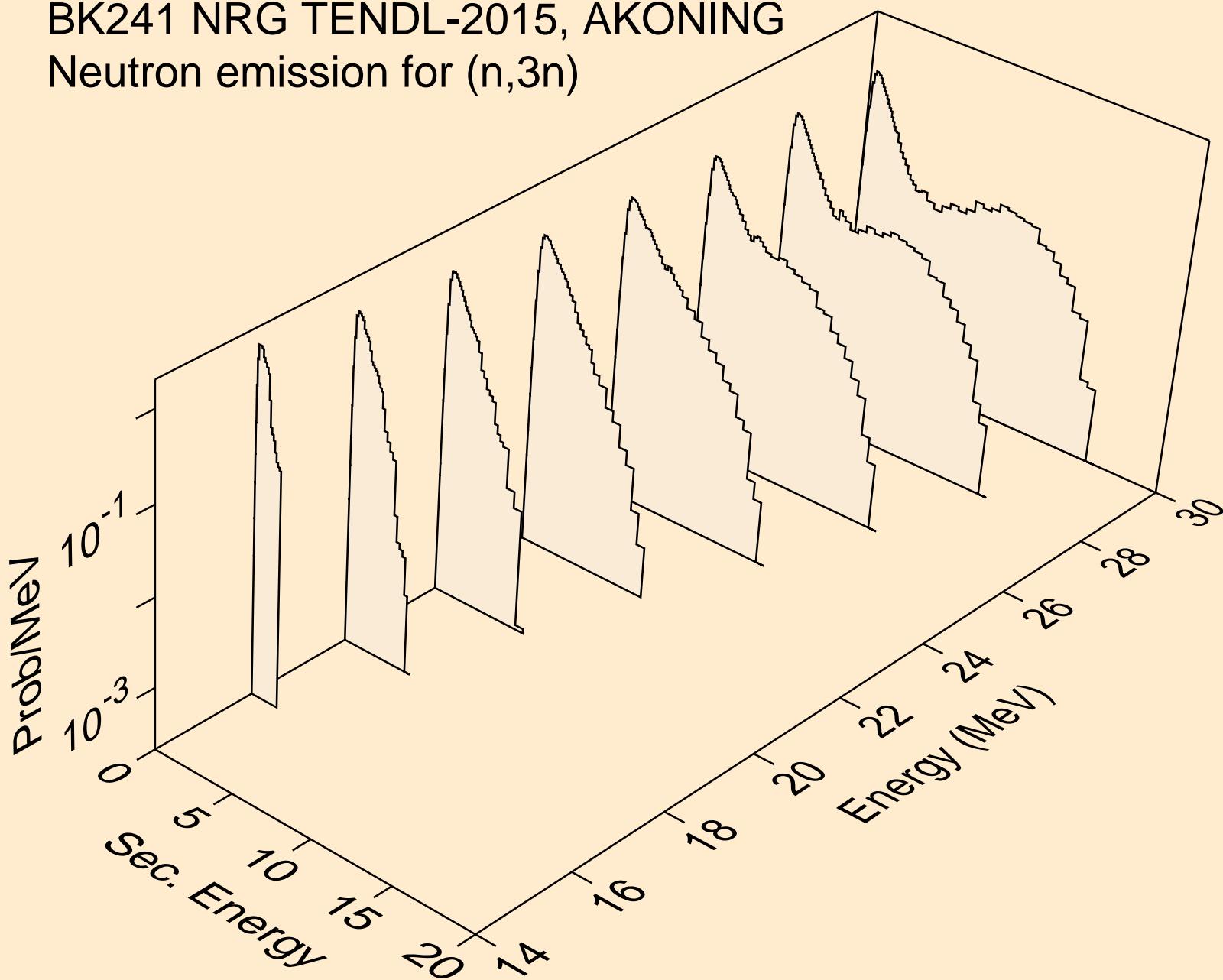
BK241 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



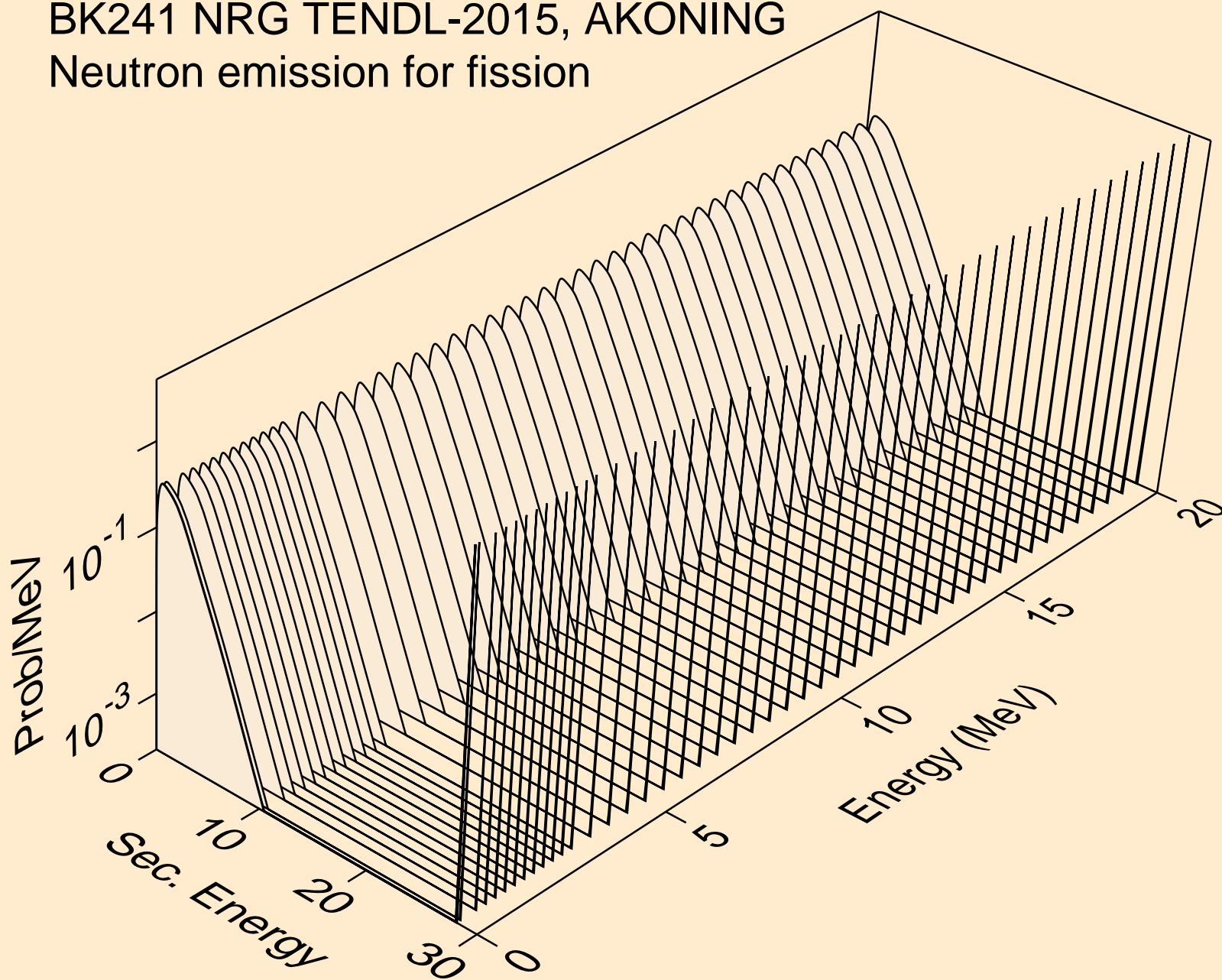
BK241 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



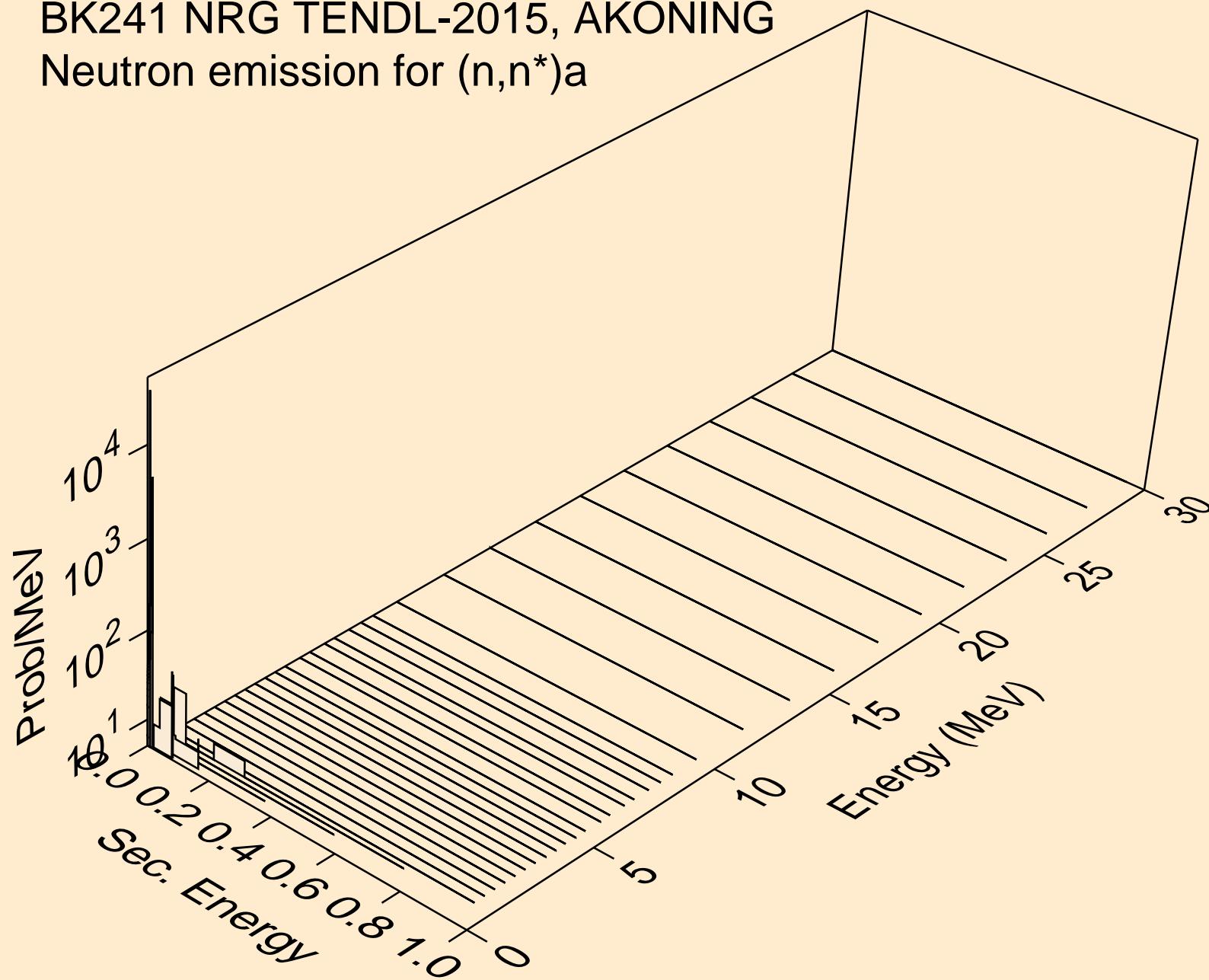
BK241 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



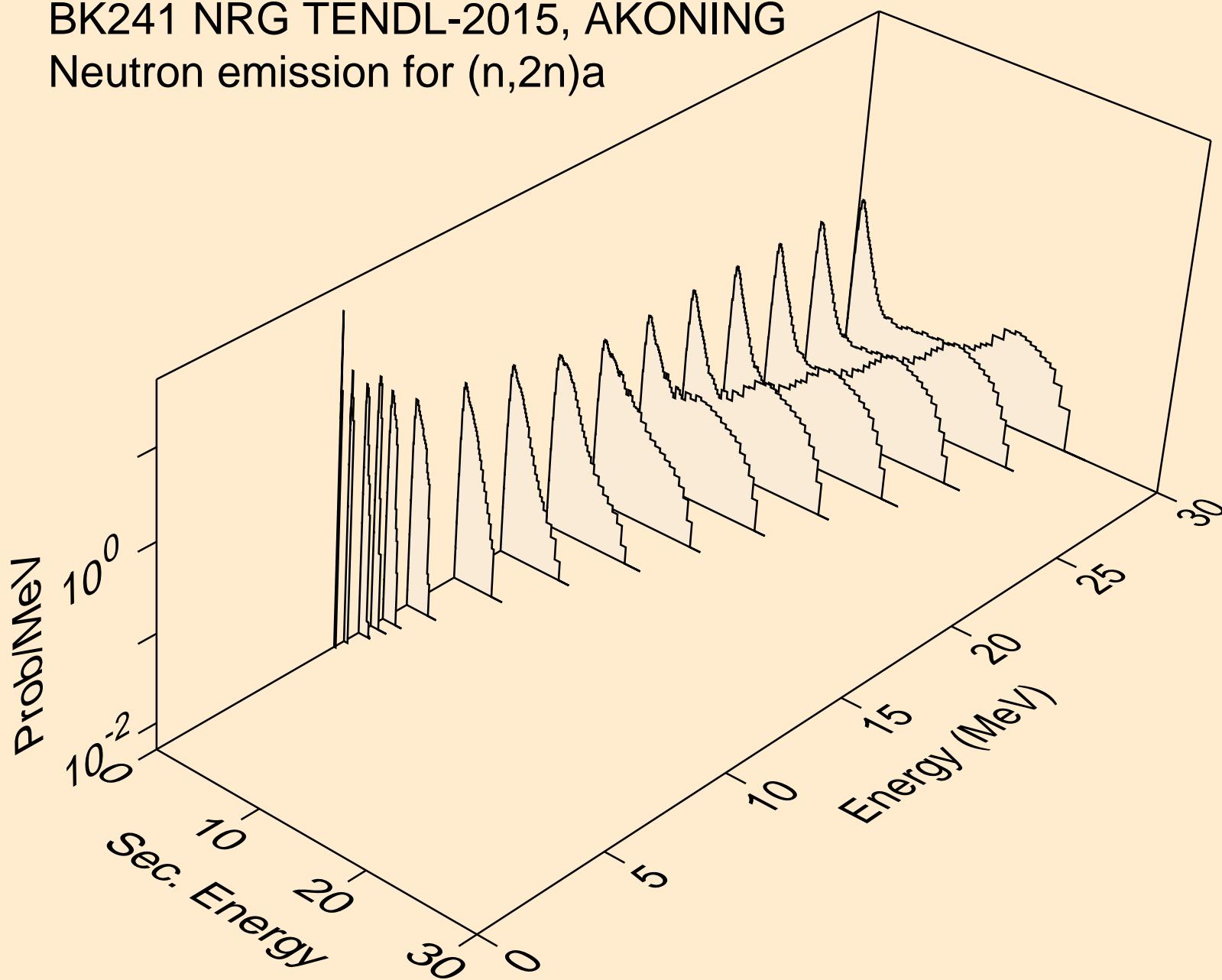
BK241 NRG TENDL-2015, AKONING  
Neutron emission for fission



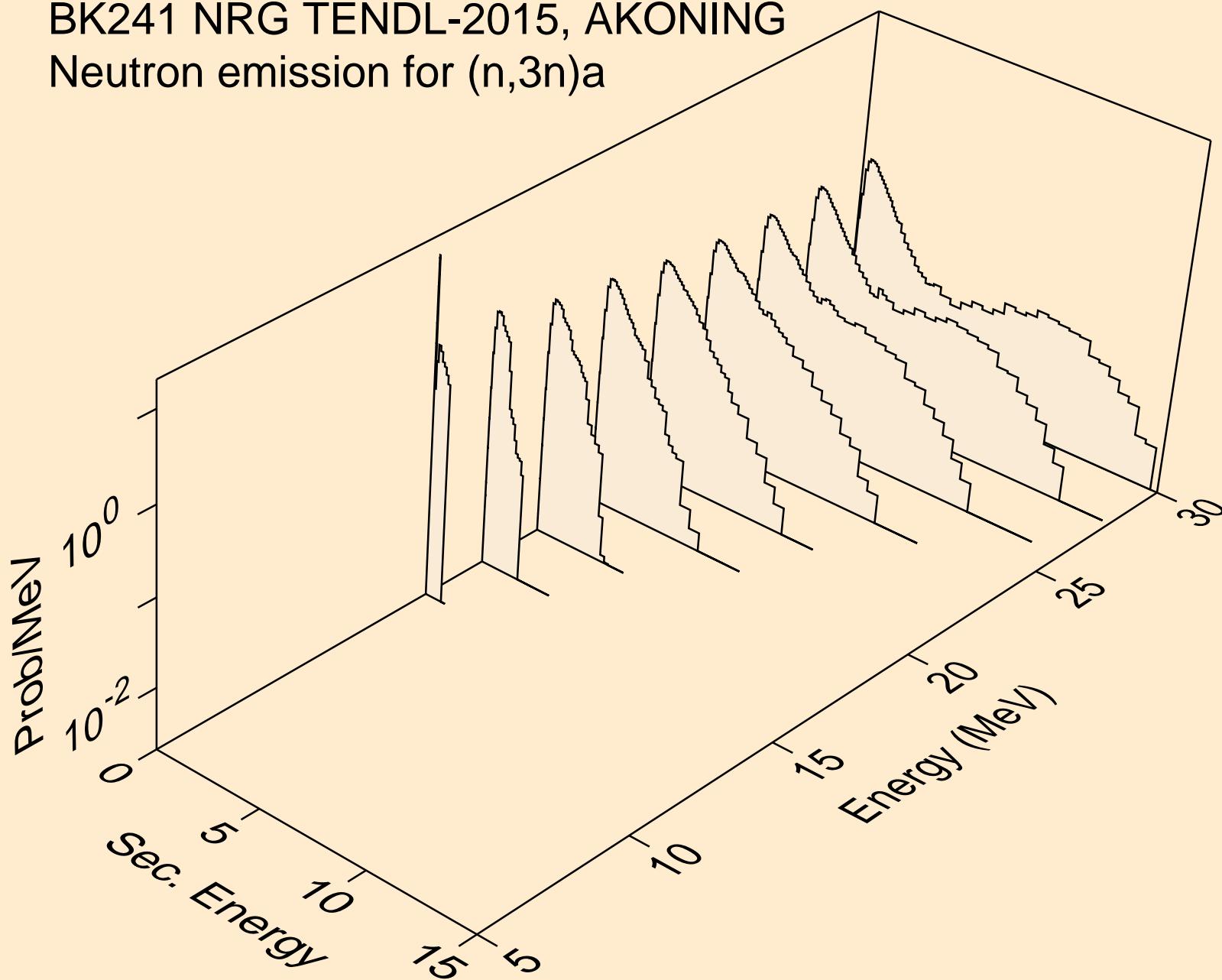
BK241 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



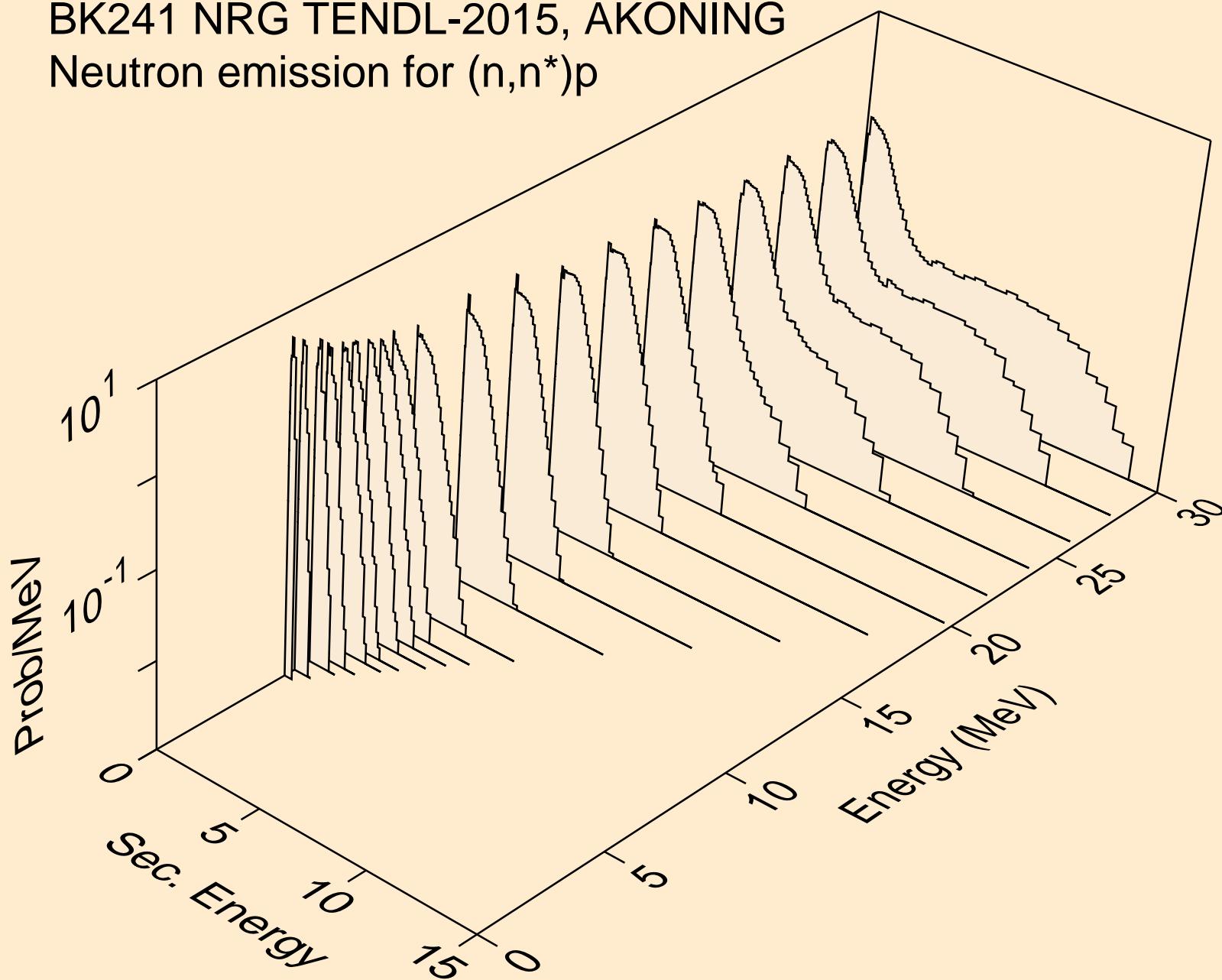
BK241 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



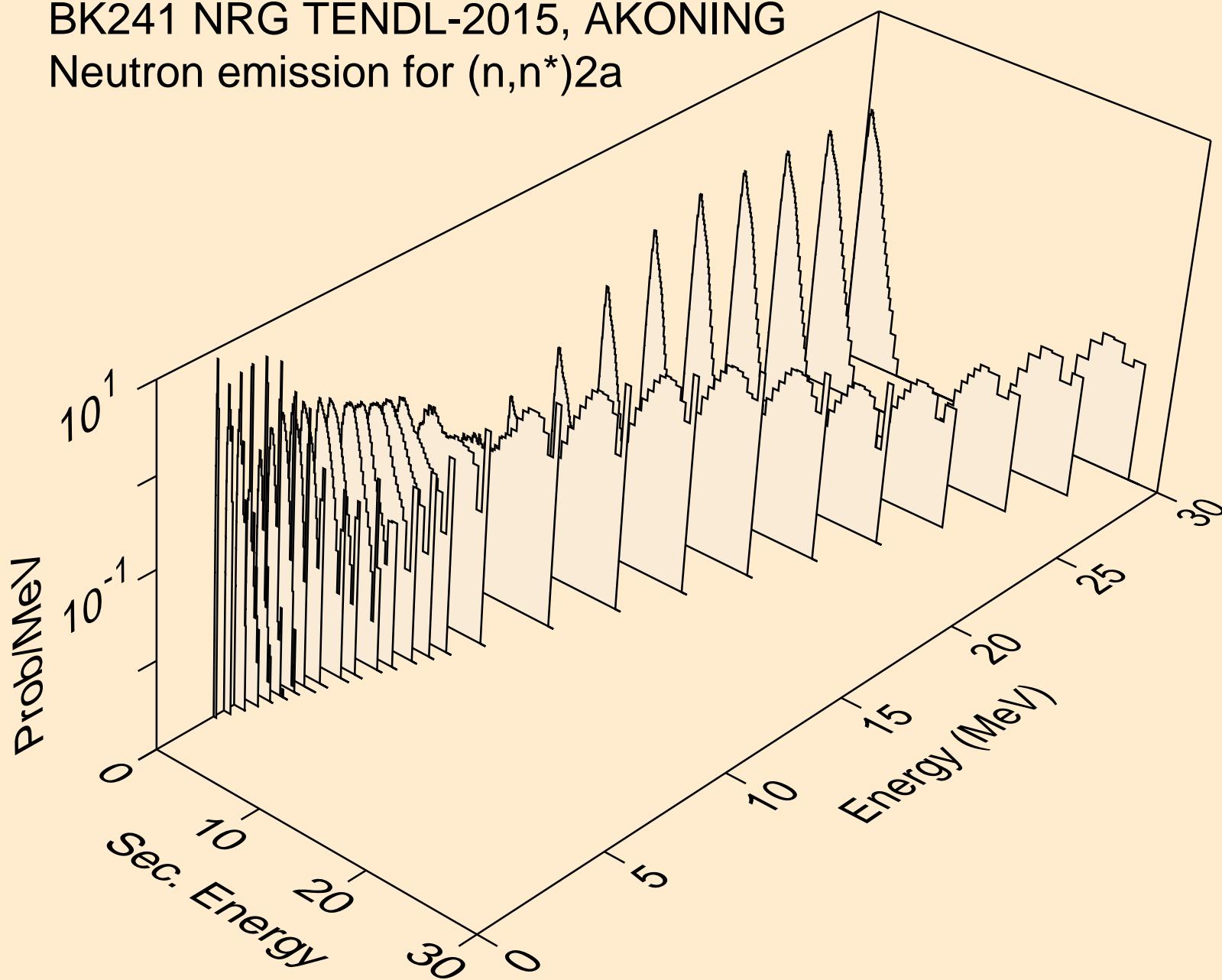
BK241 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



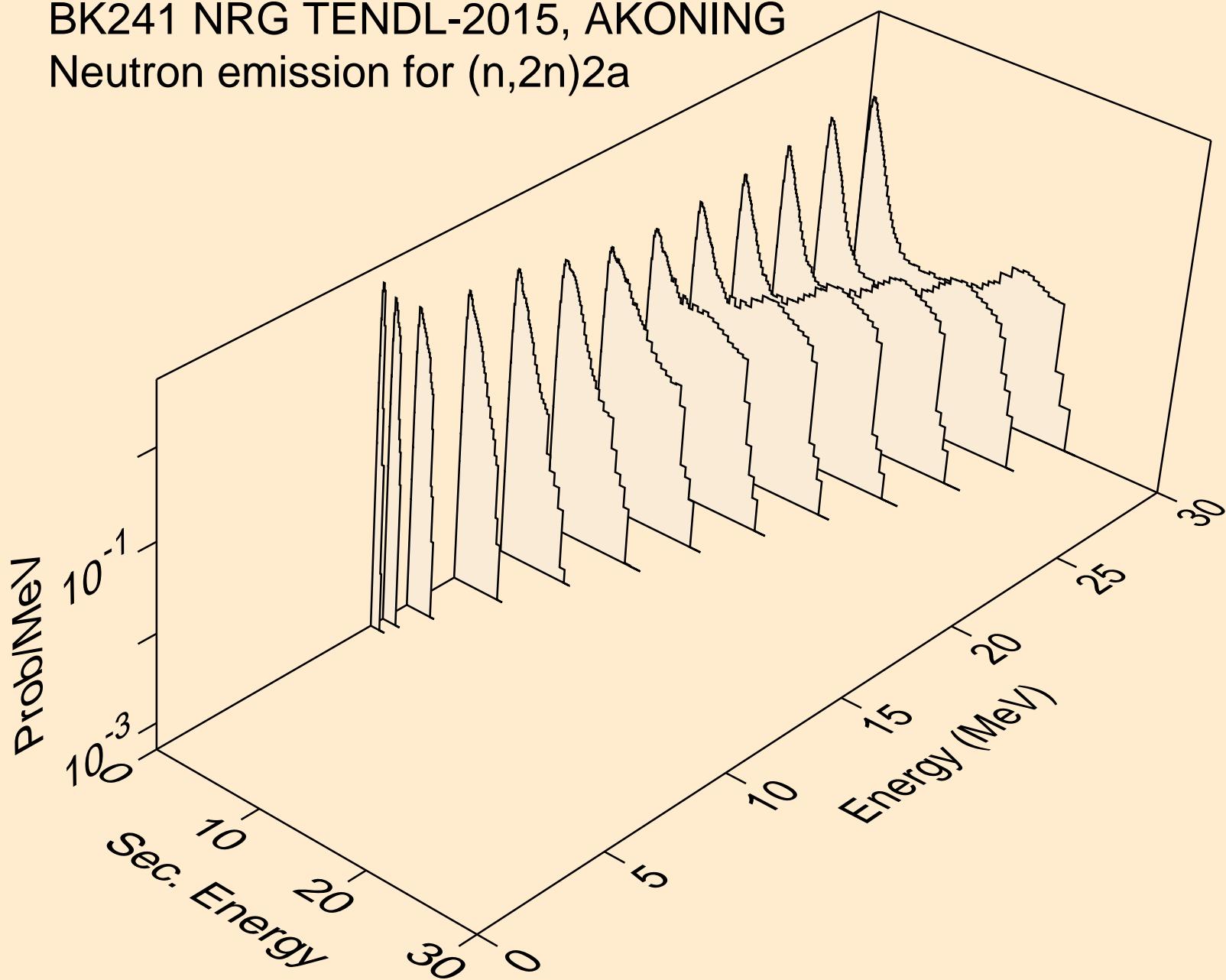
BK241 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



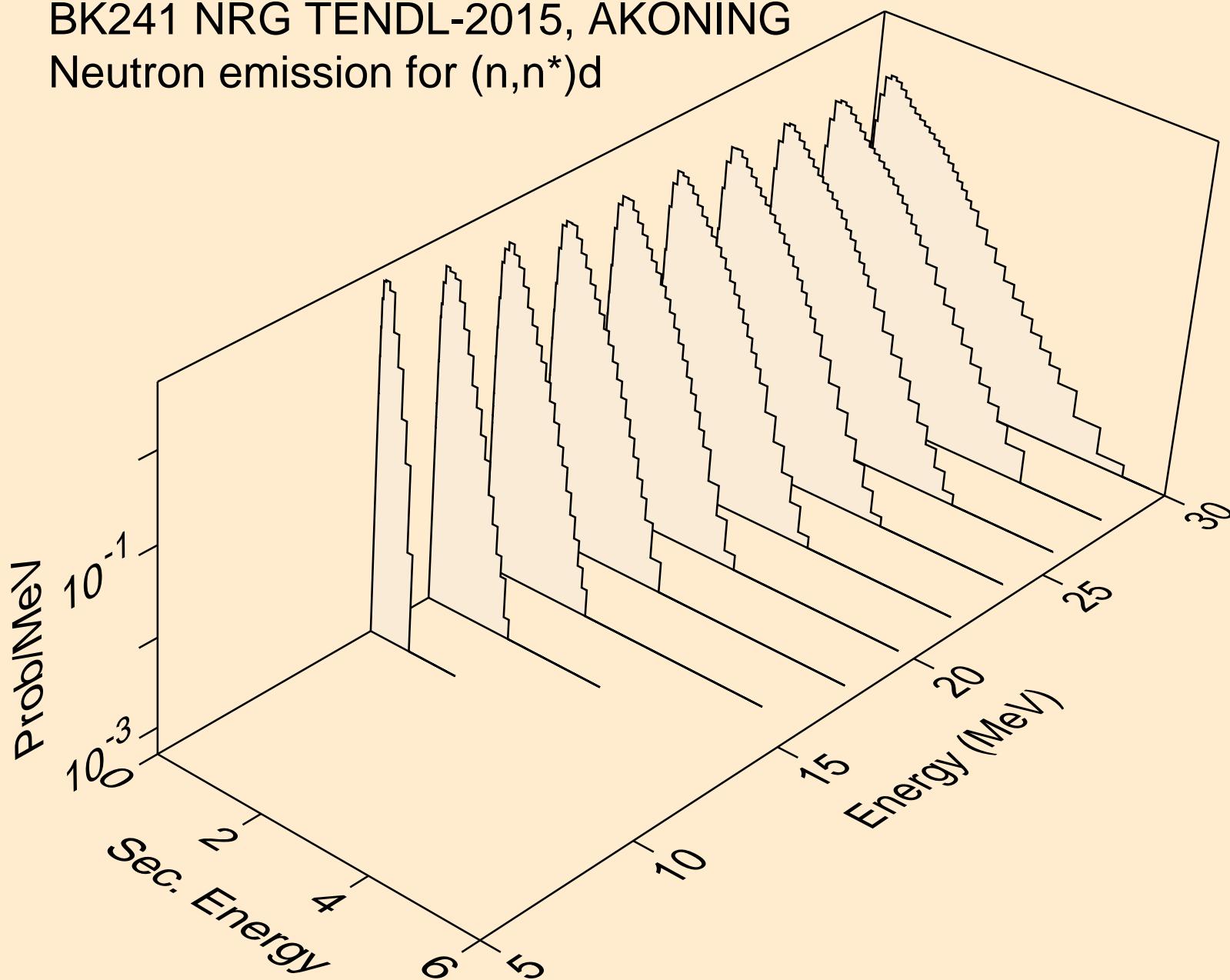
BK241 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



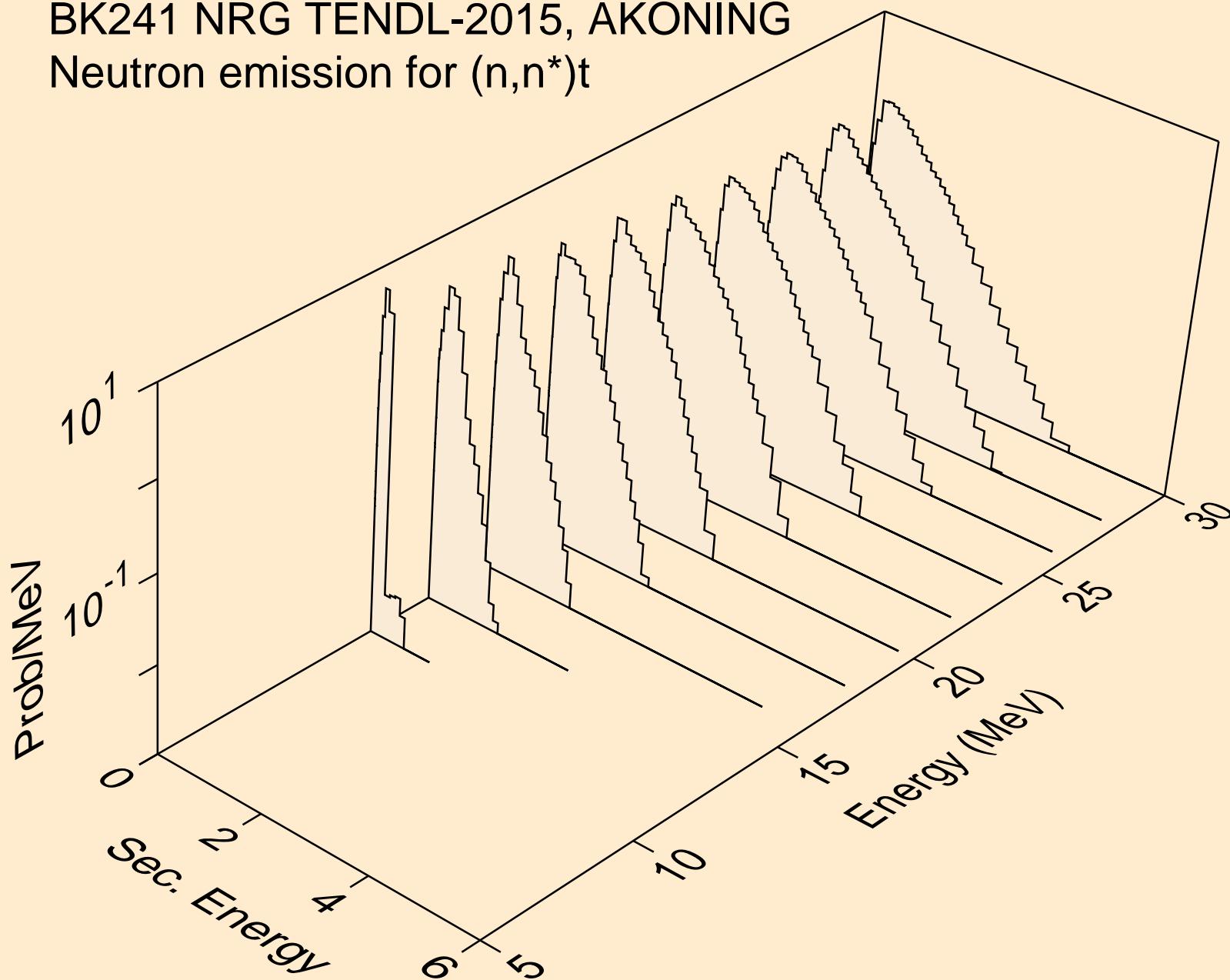
BK241 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)2a$



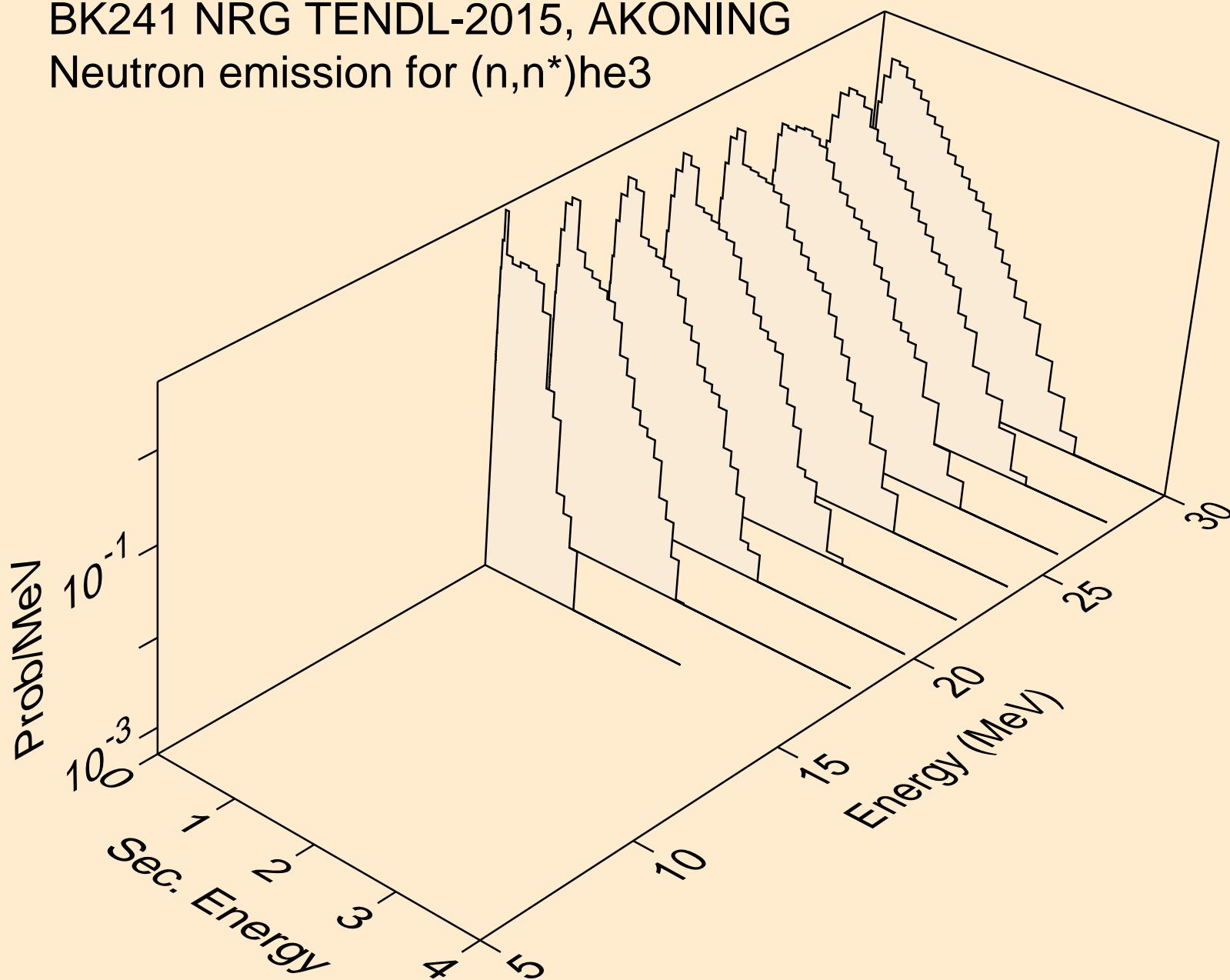
BK241 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



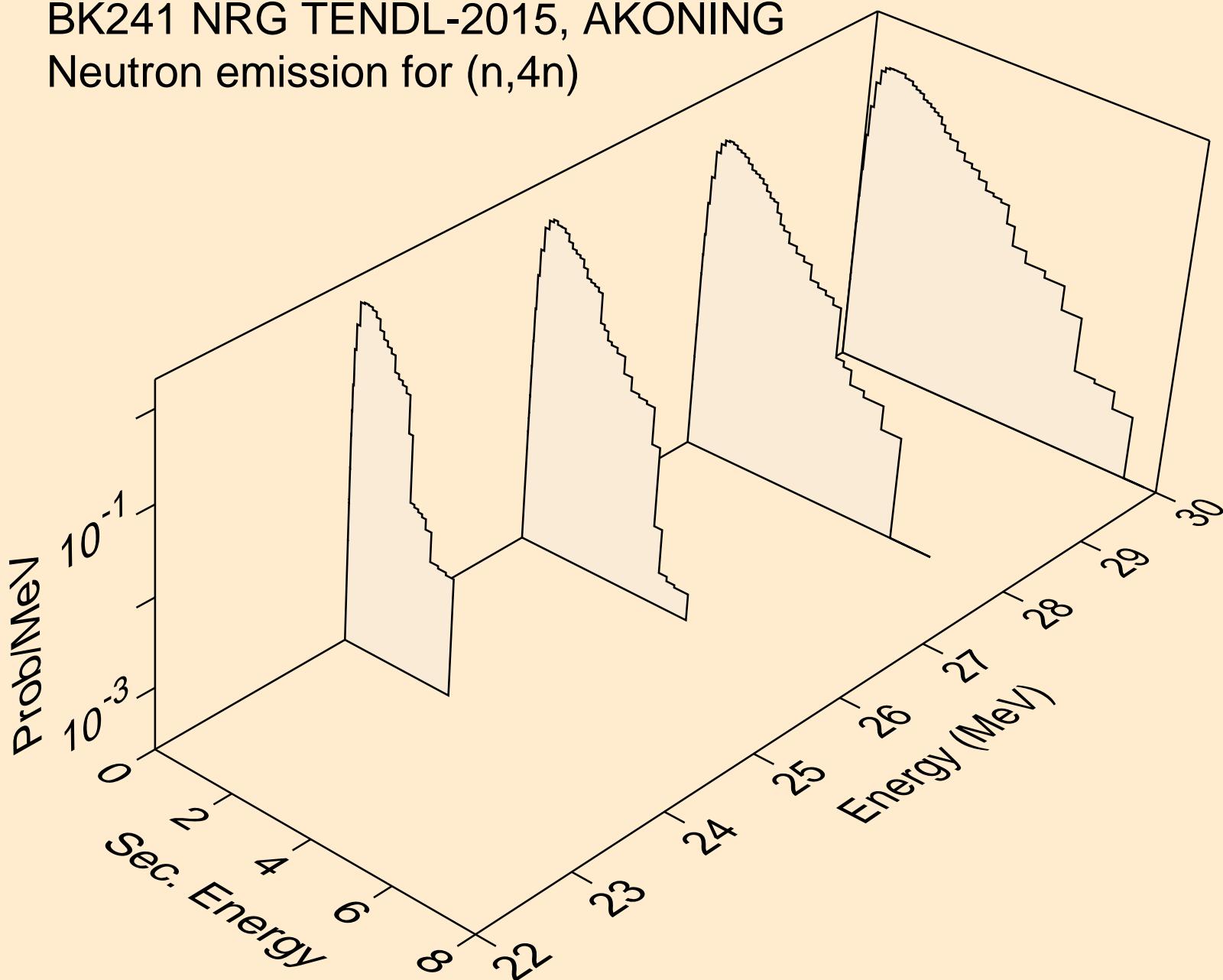
BK241 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



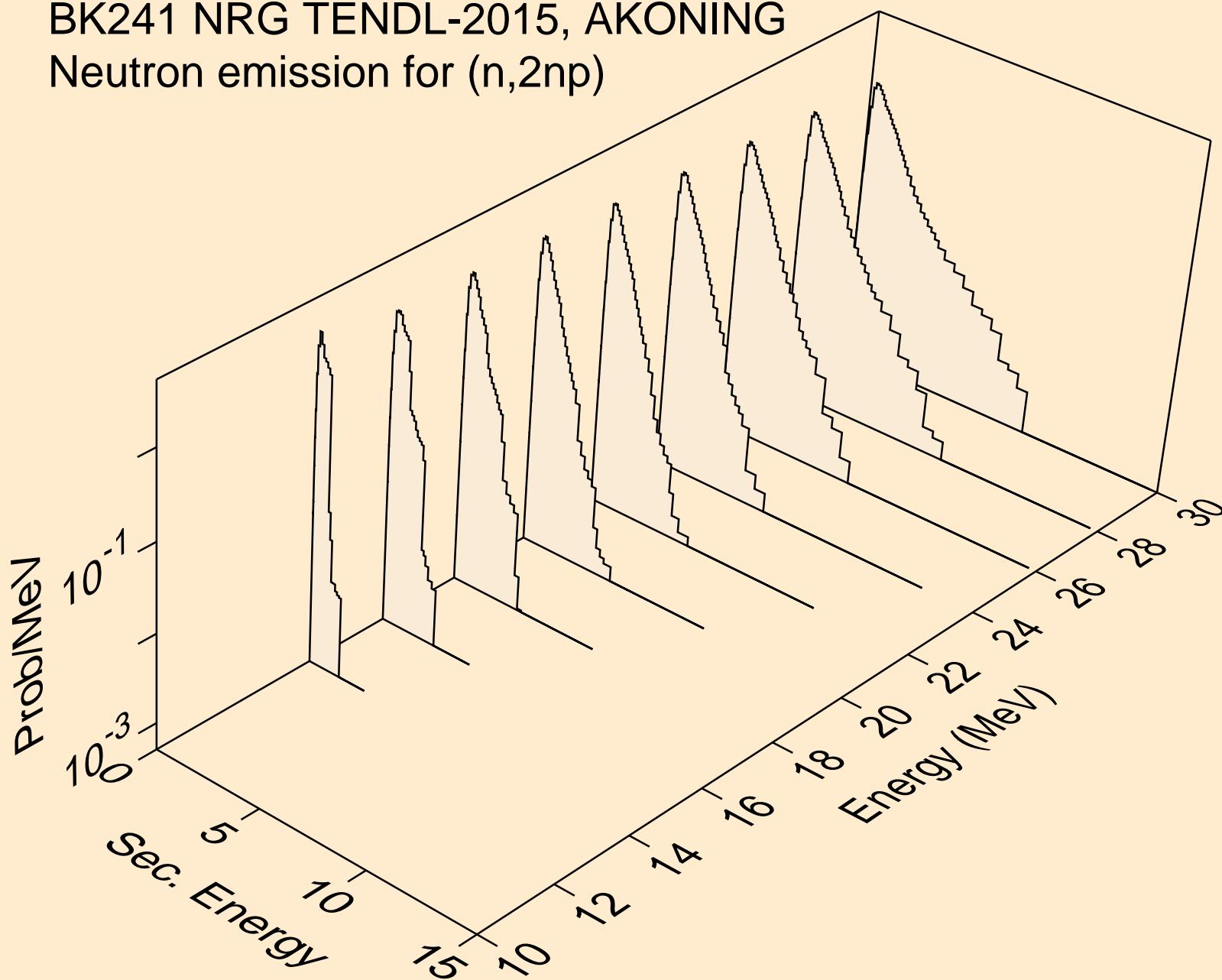
BK241 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he}3$



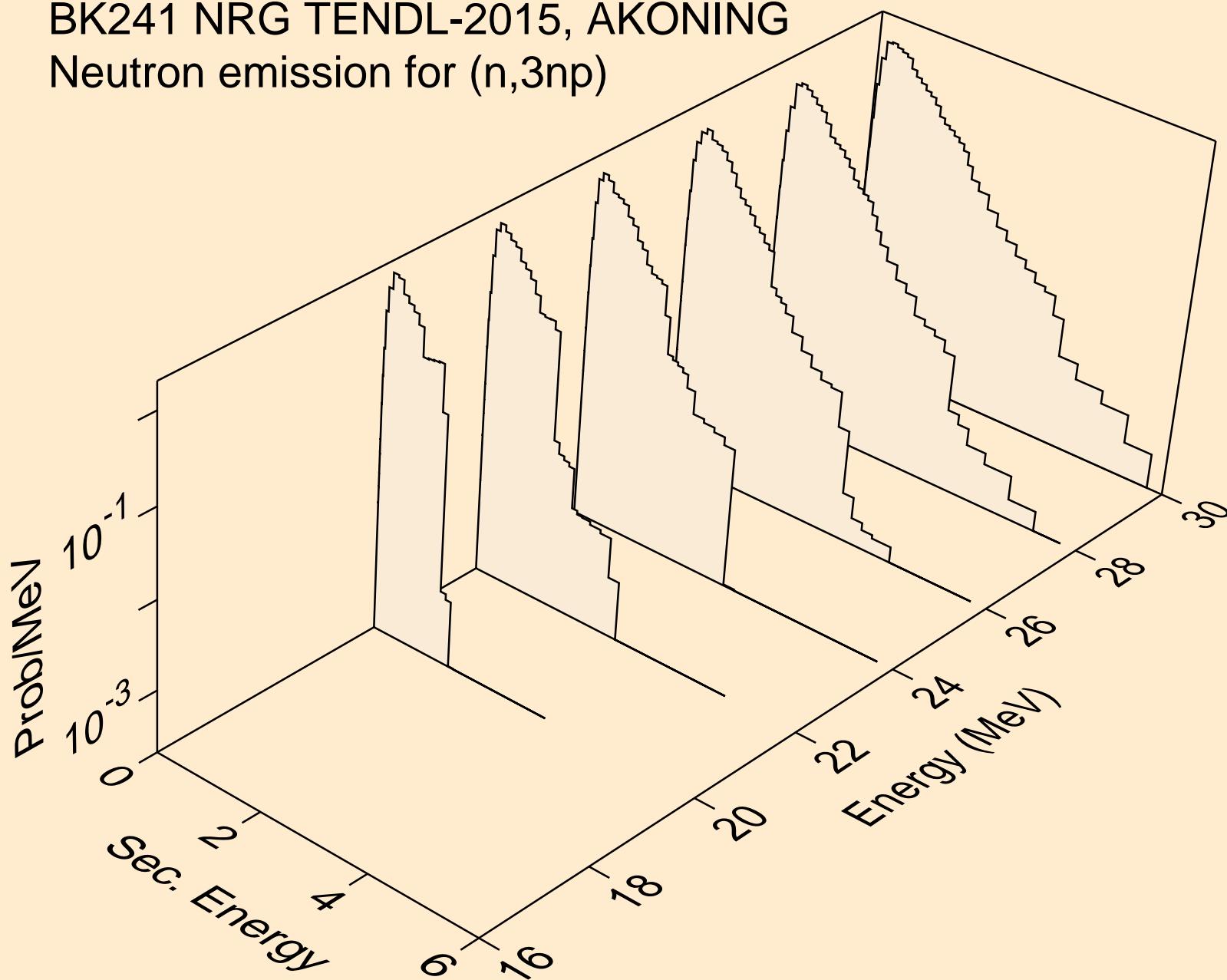
BK241 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



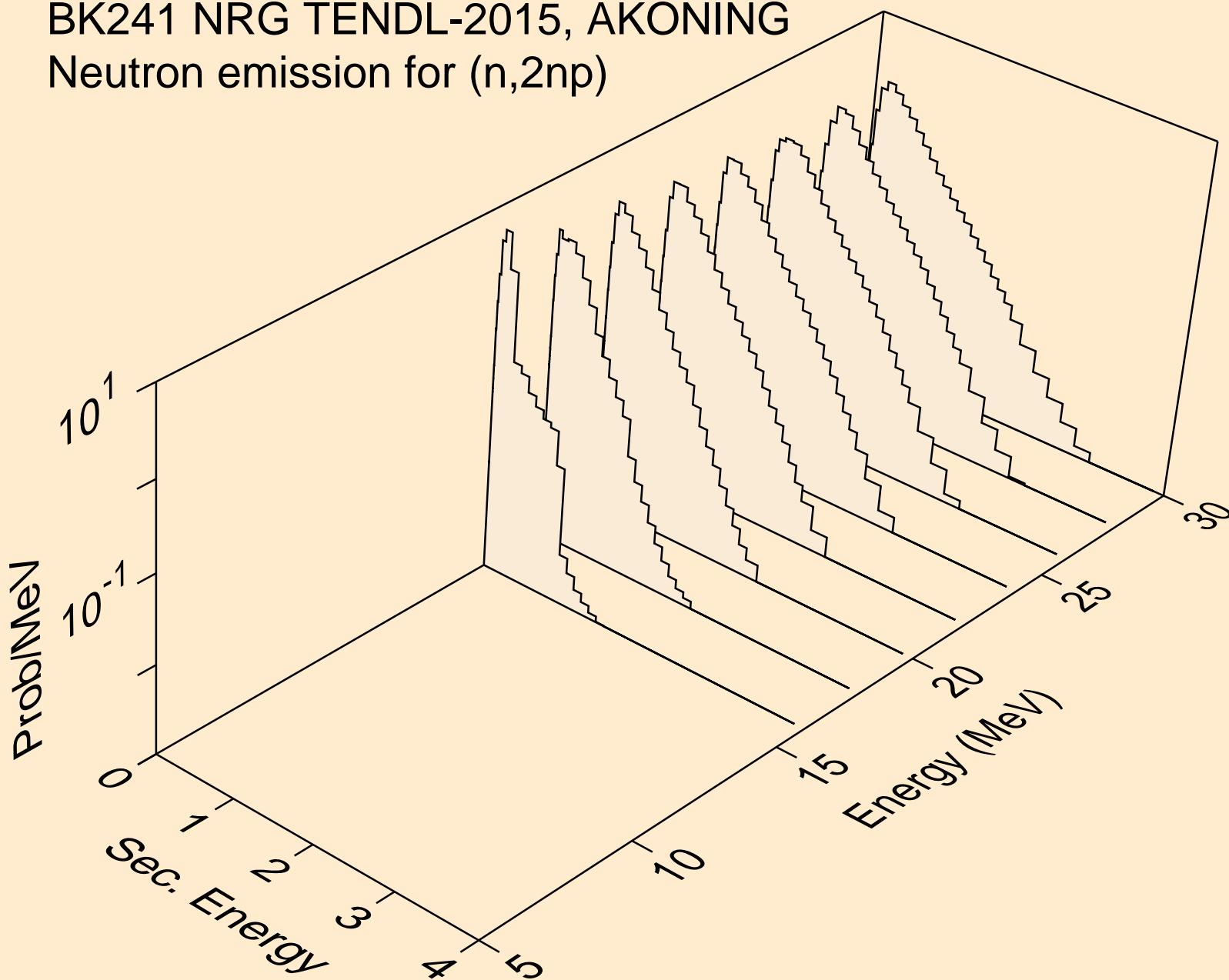
BK241 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



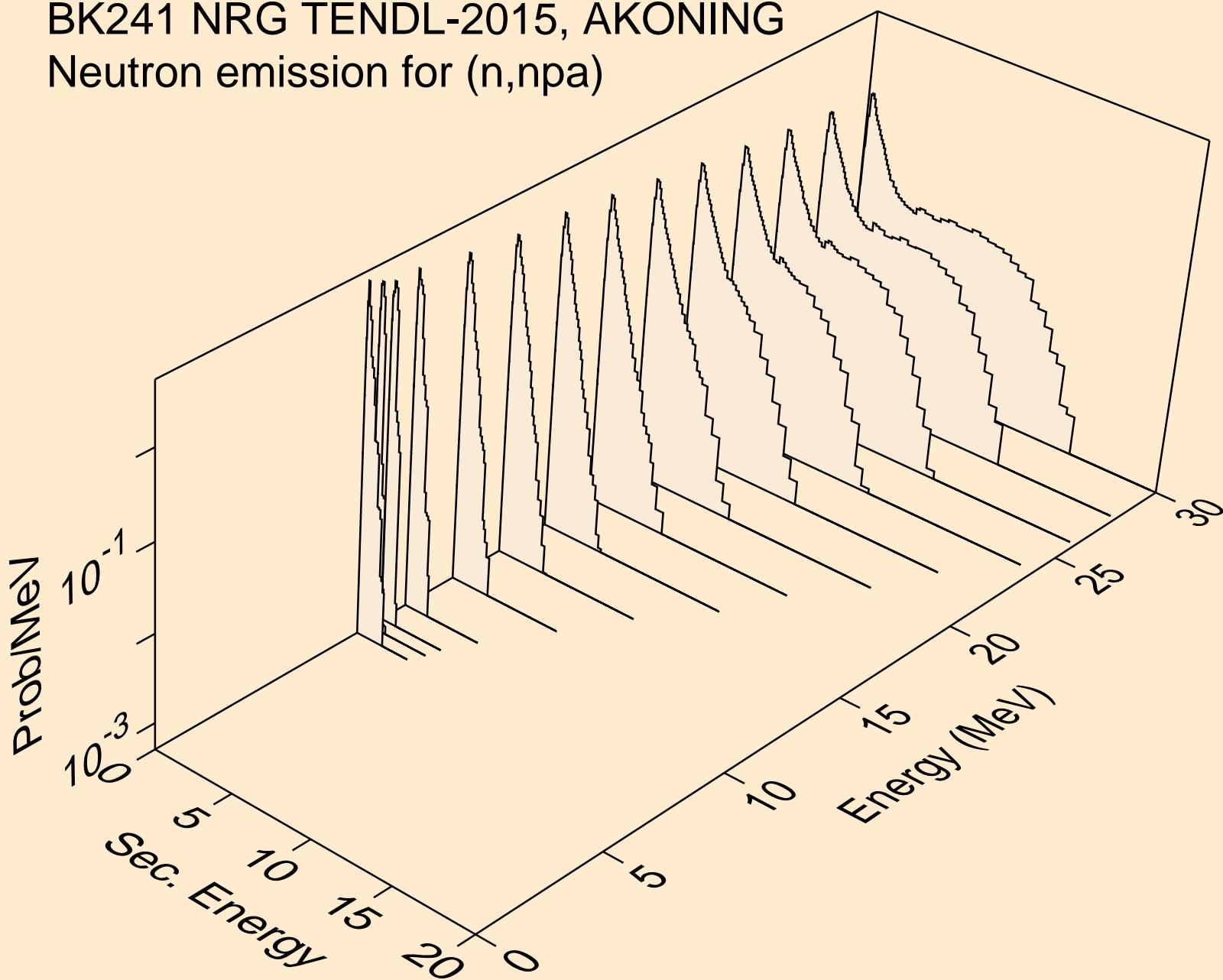
BK241 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



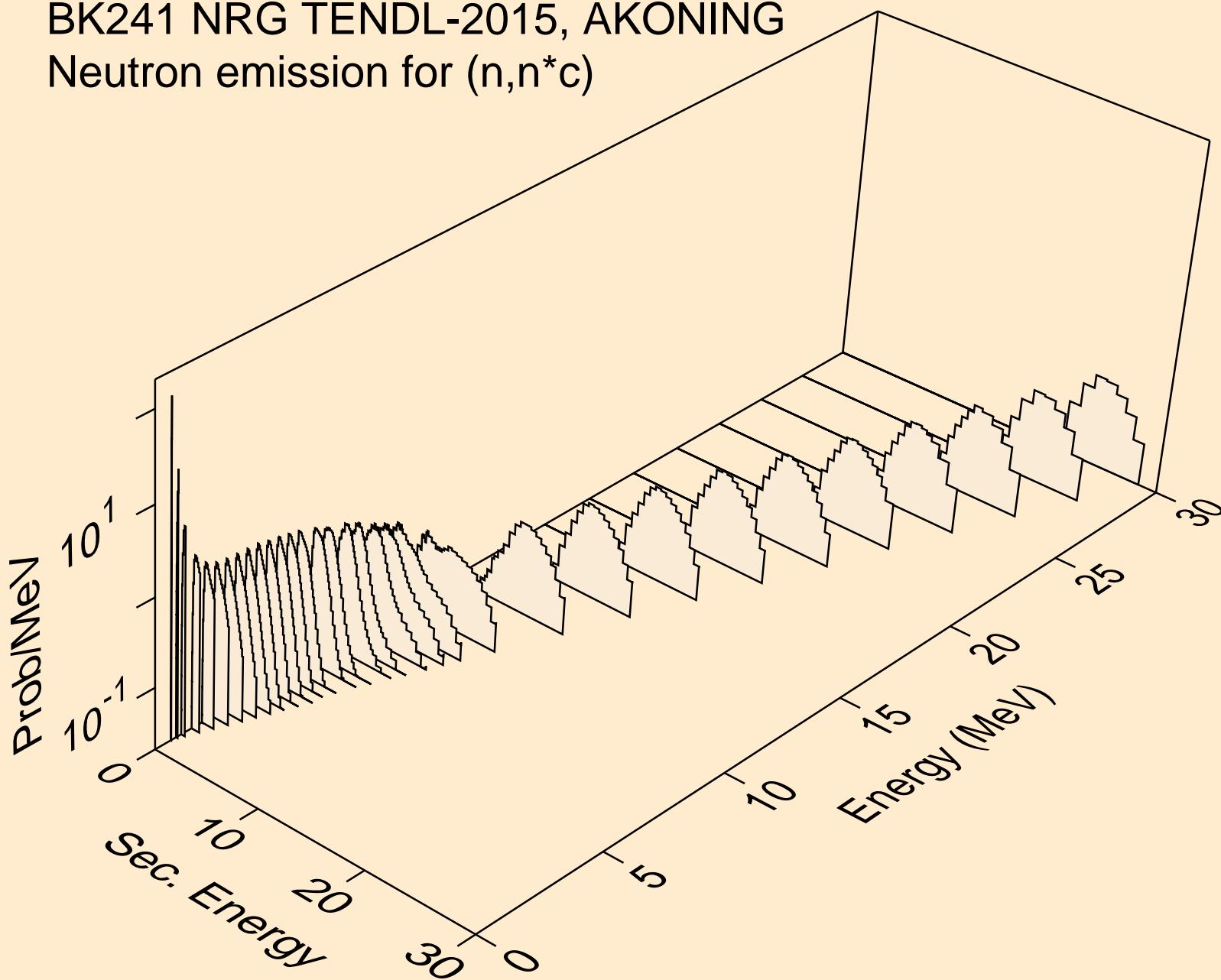
BK241 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



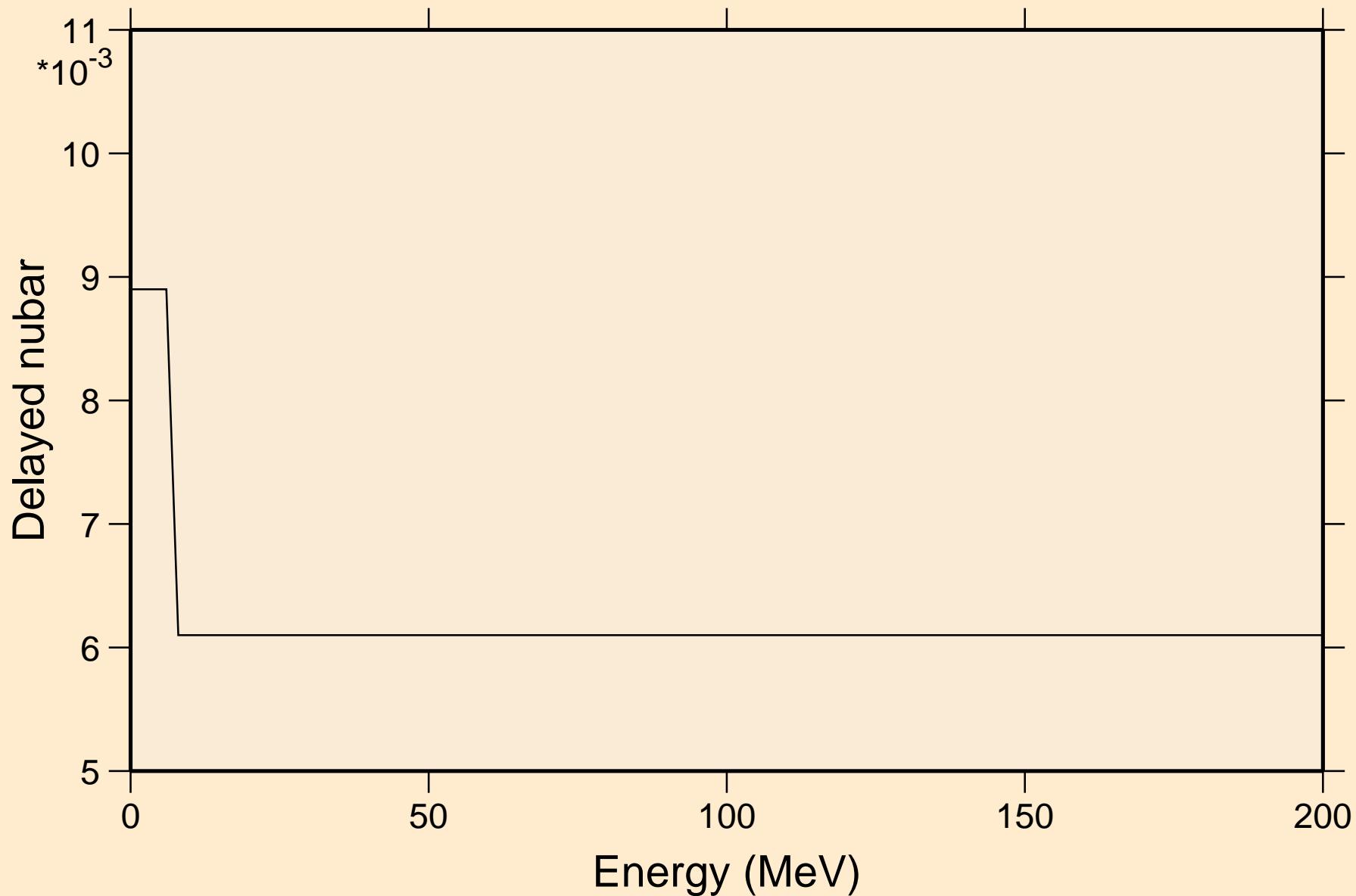
BK241 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



BK241 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

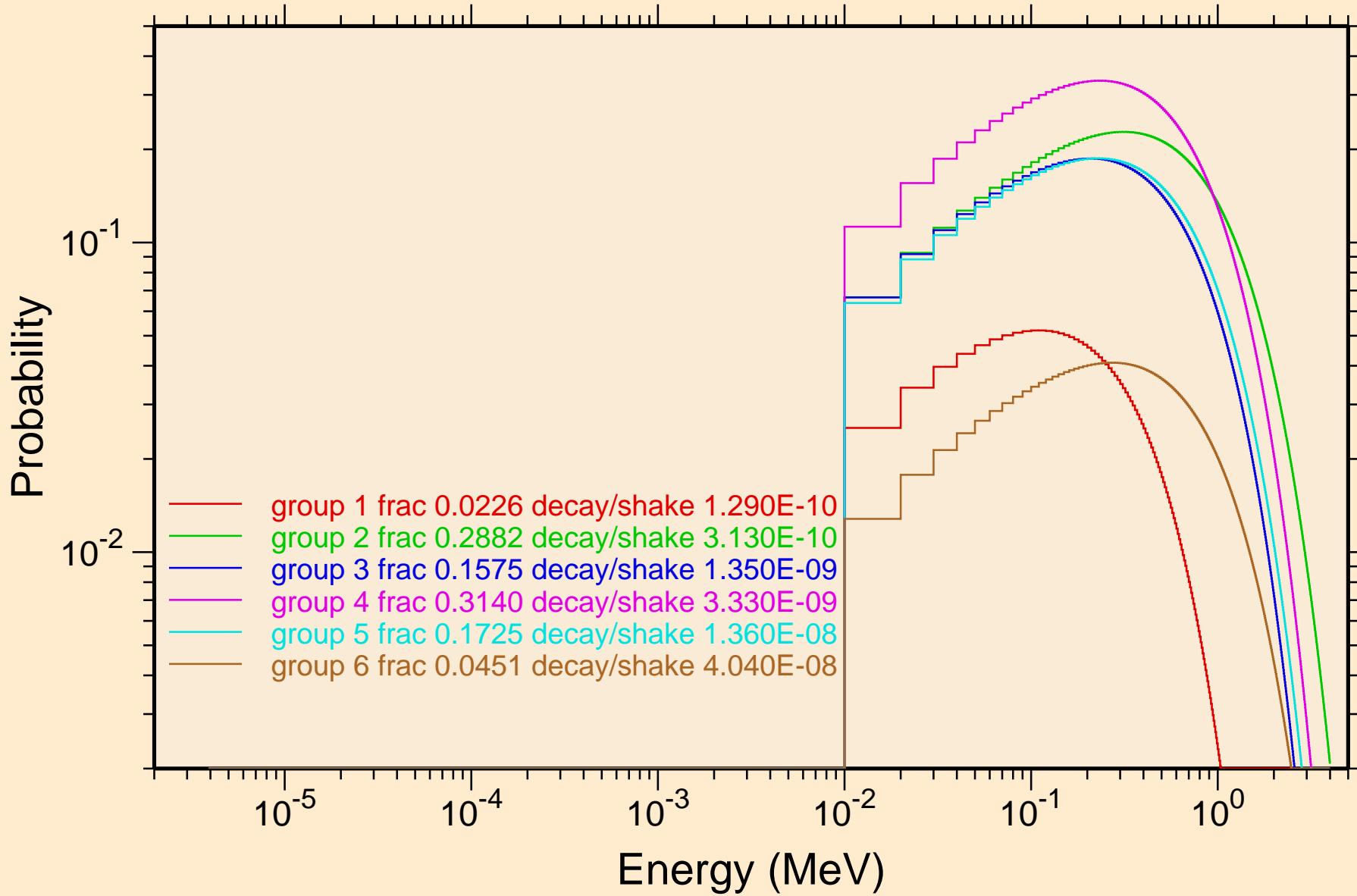


BK241 NRG TENDL-2015, AKONING  
Delayed nubar

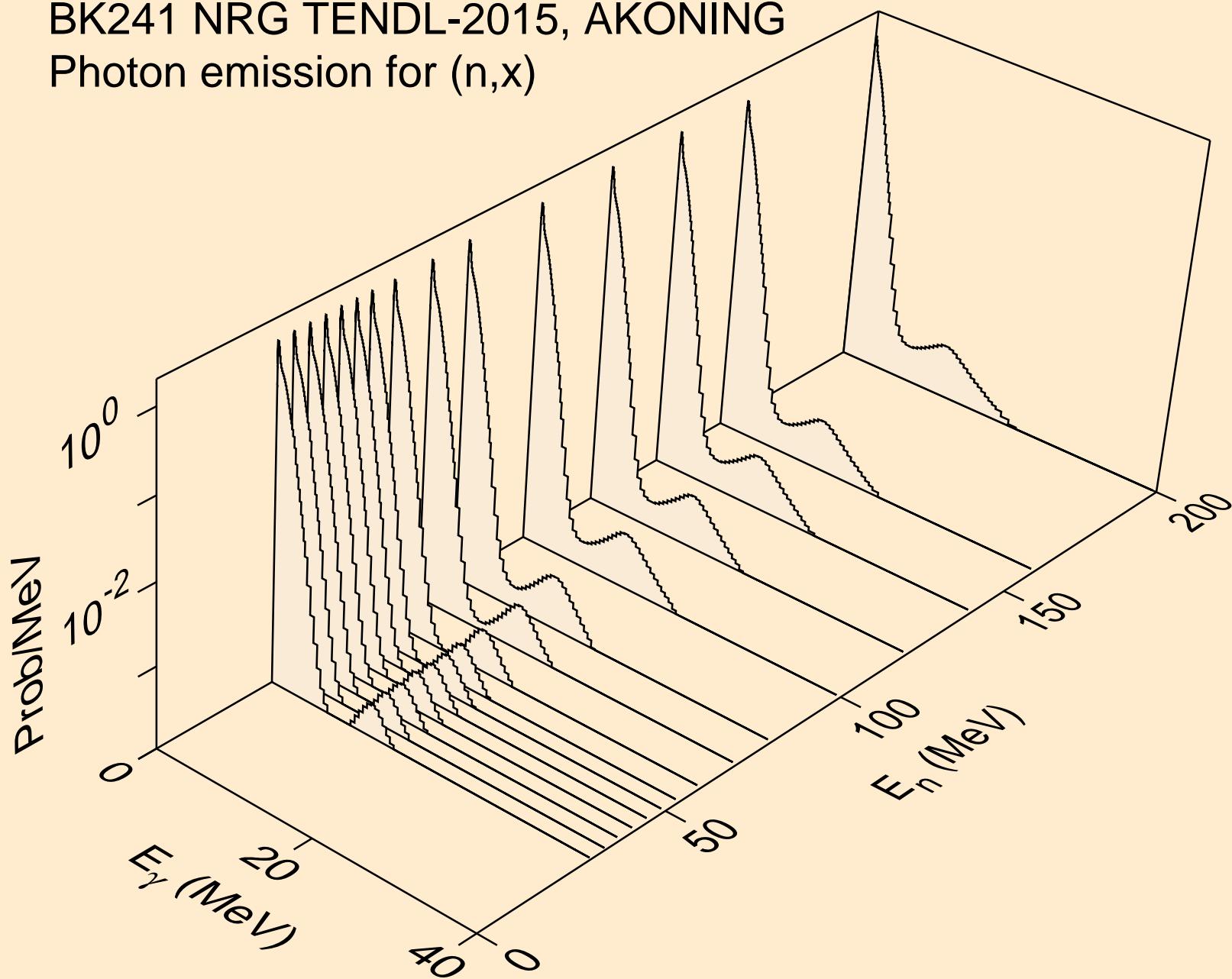


# BK241 NRG TENDL-2015, AKONING

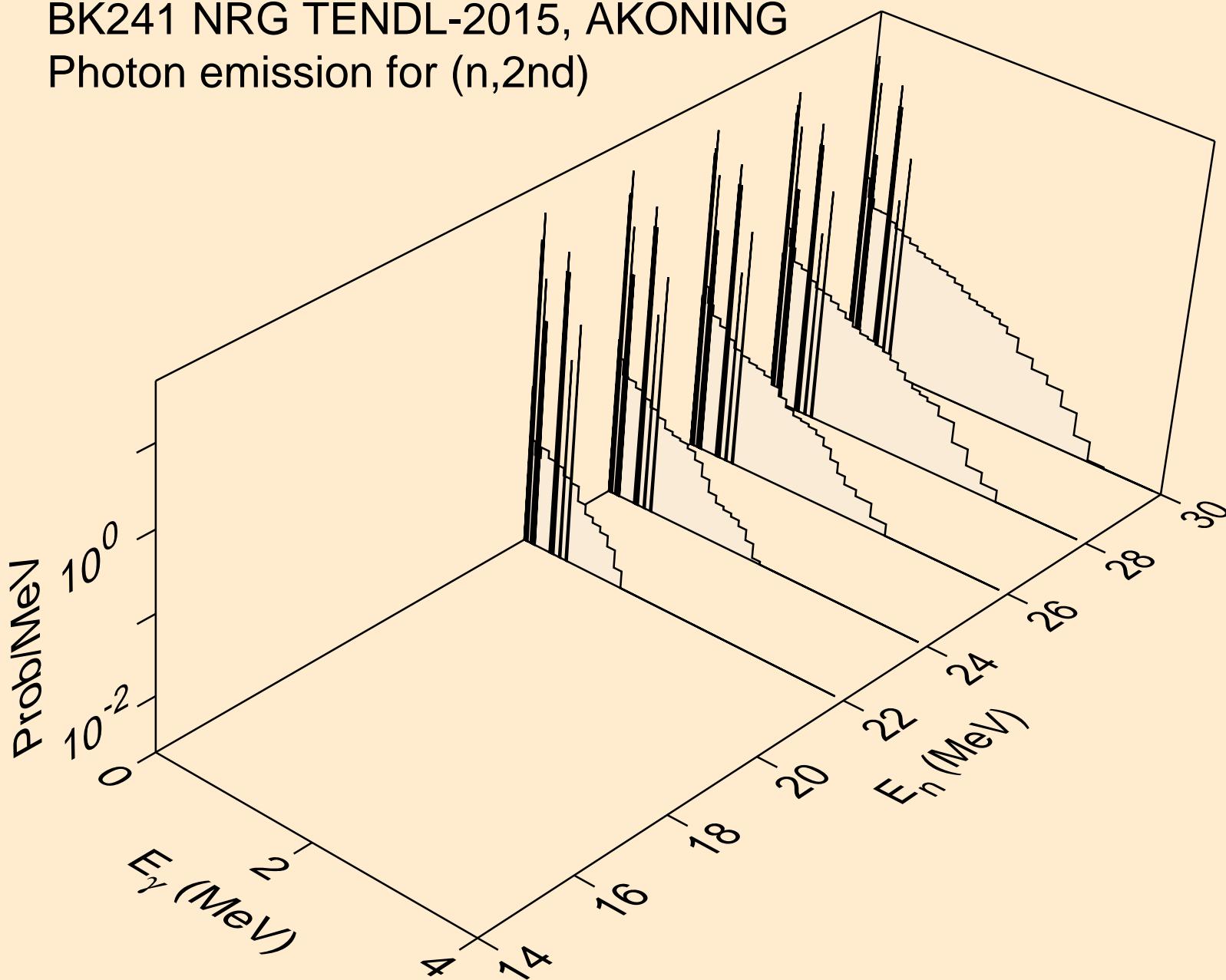
## Delayed neutron spectra



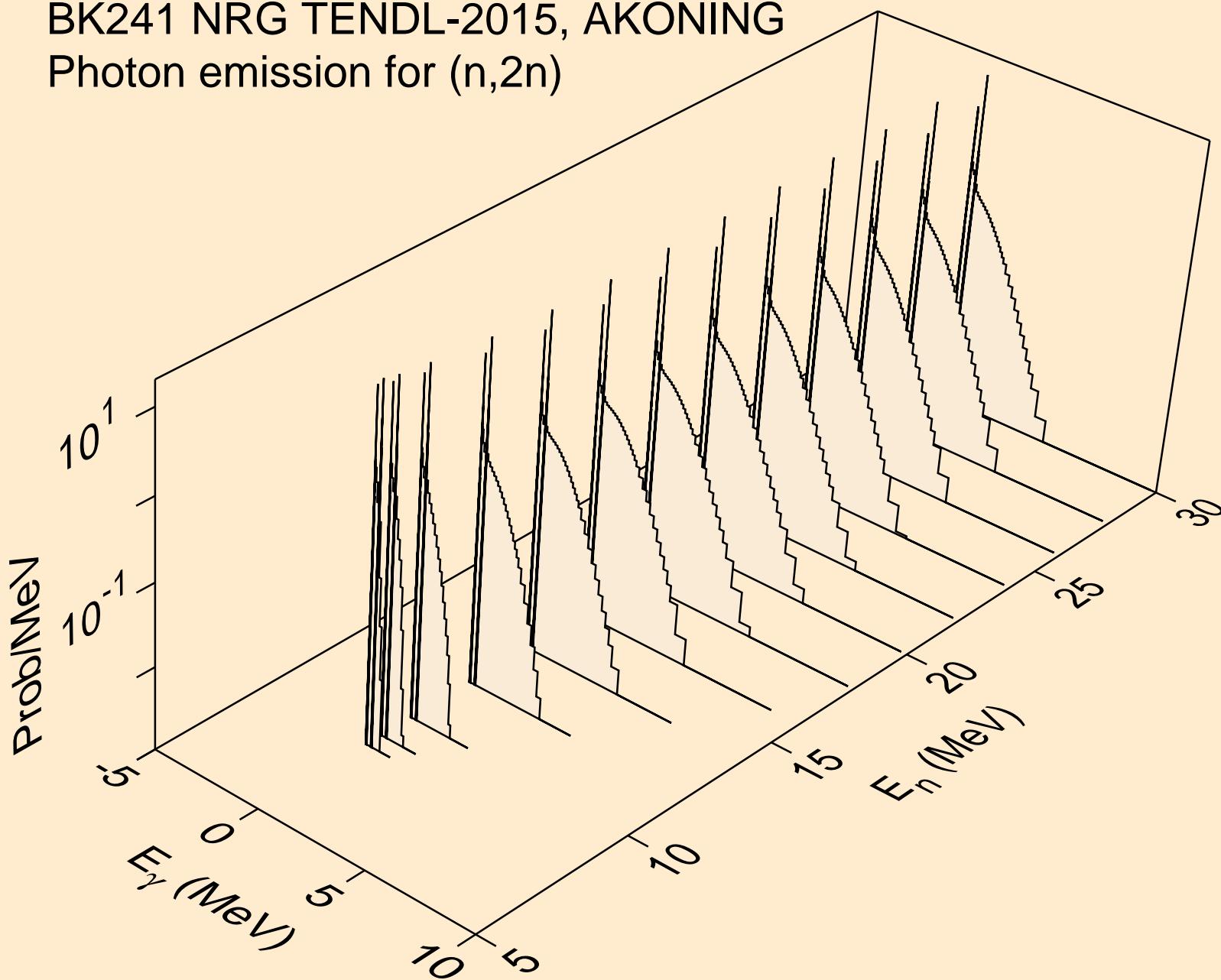
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



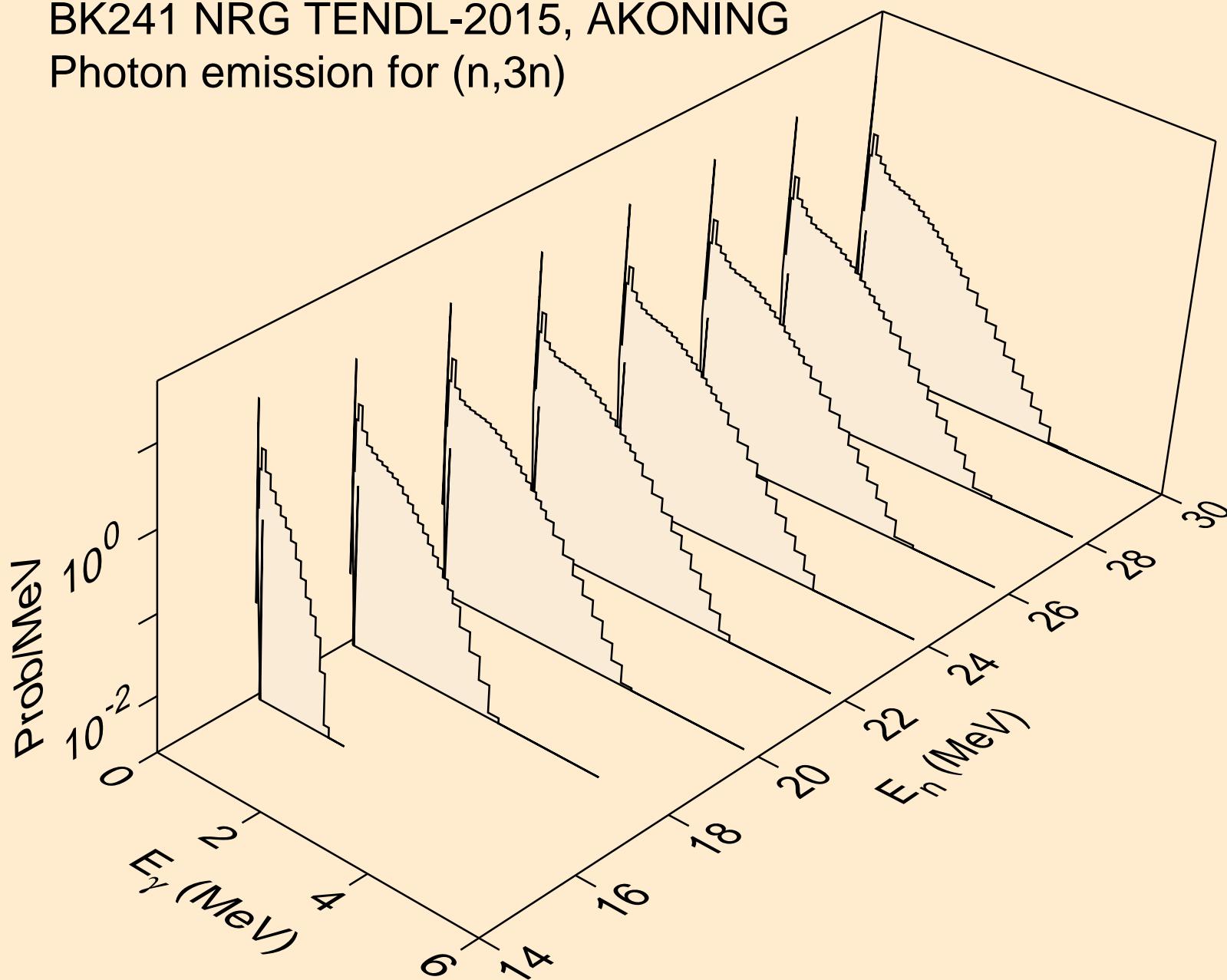
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



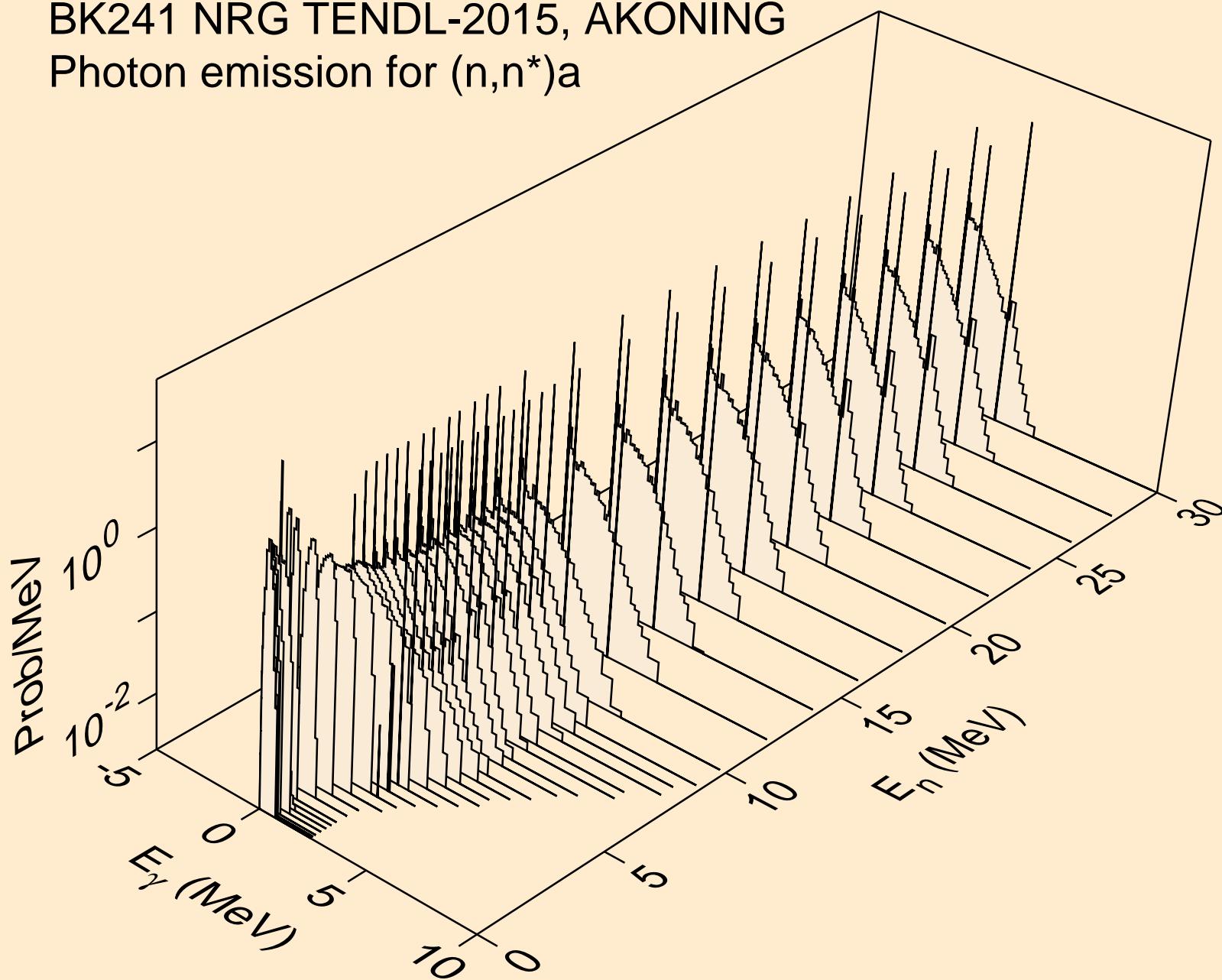
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



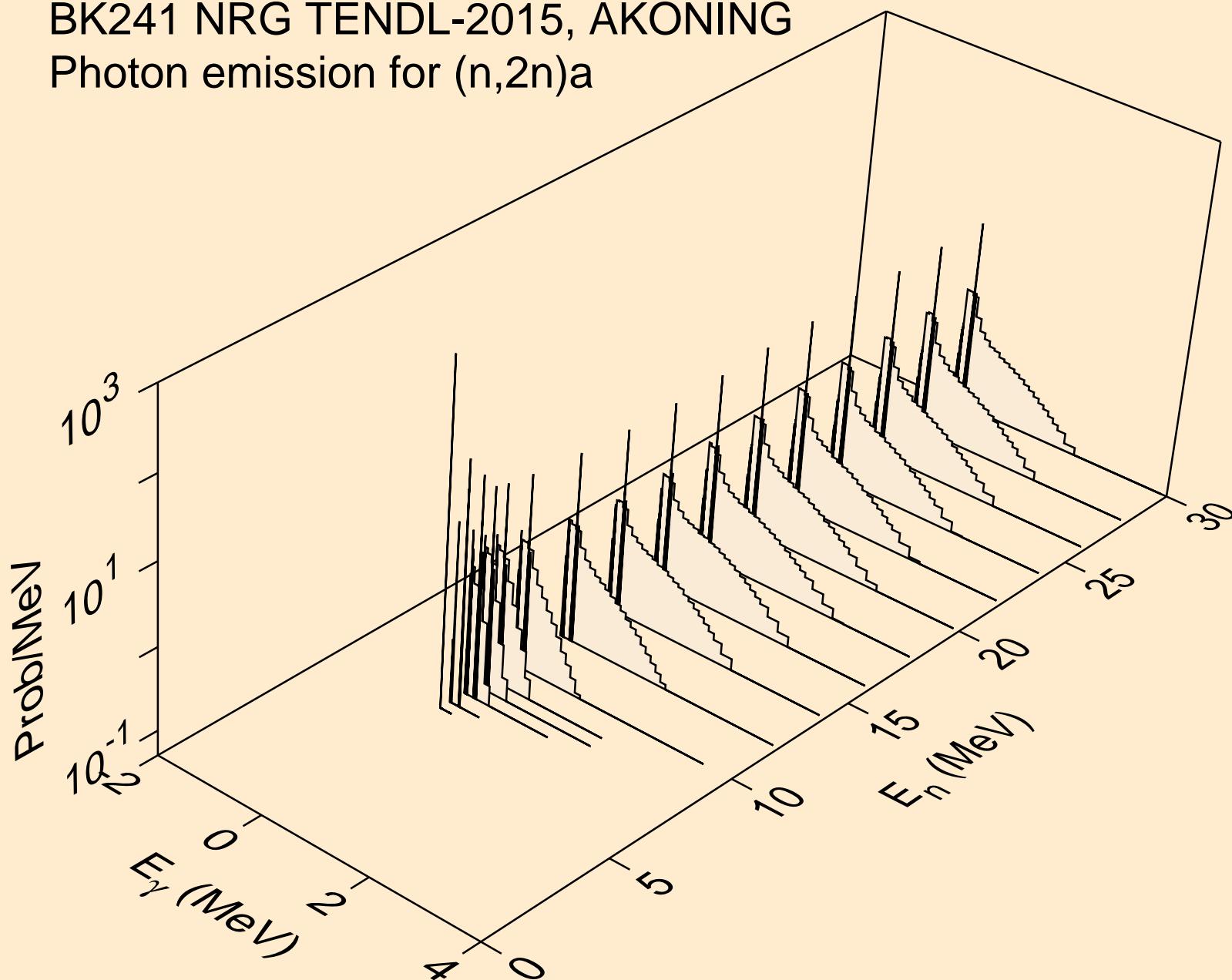
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



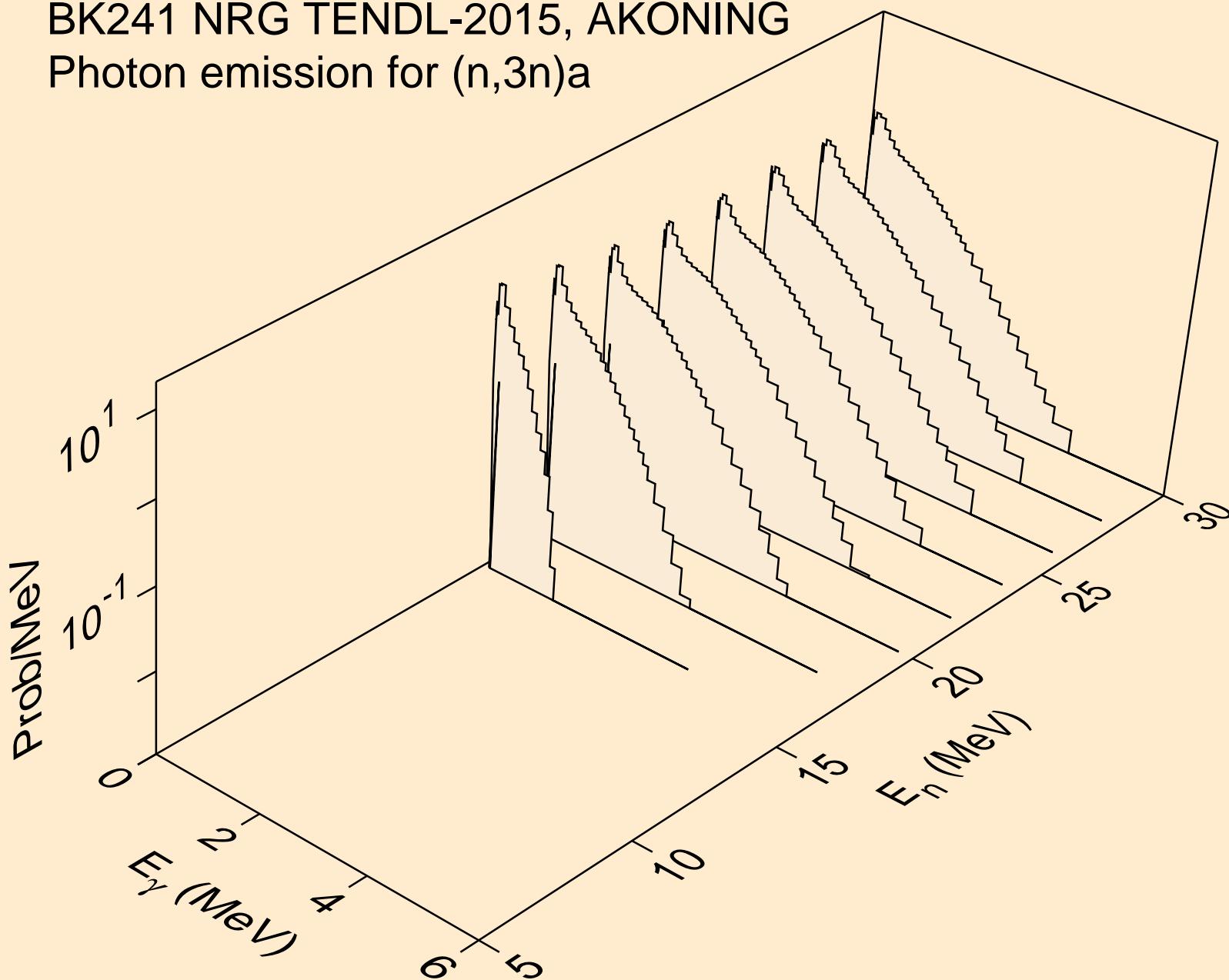
BK241 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



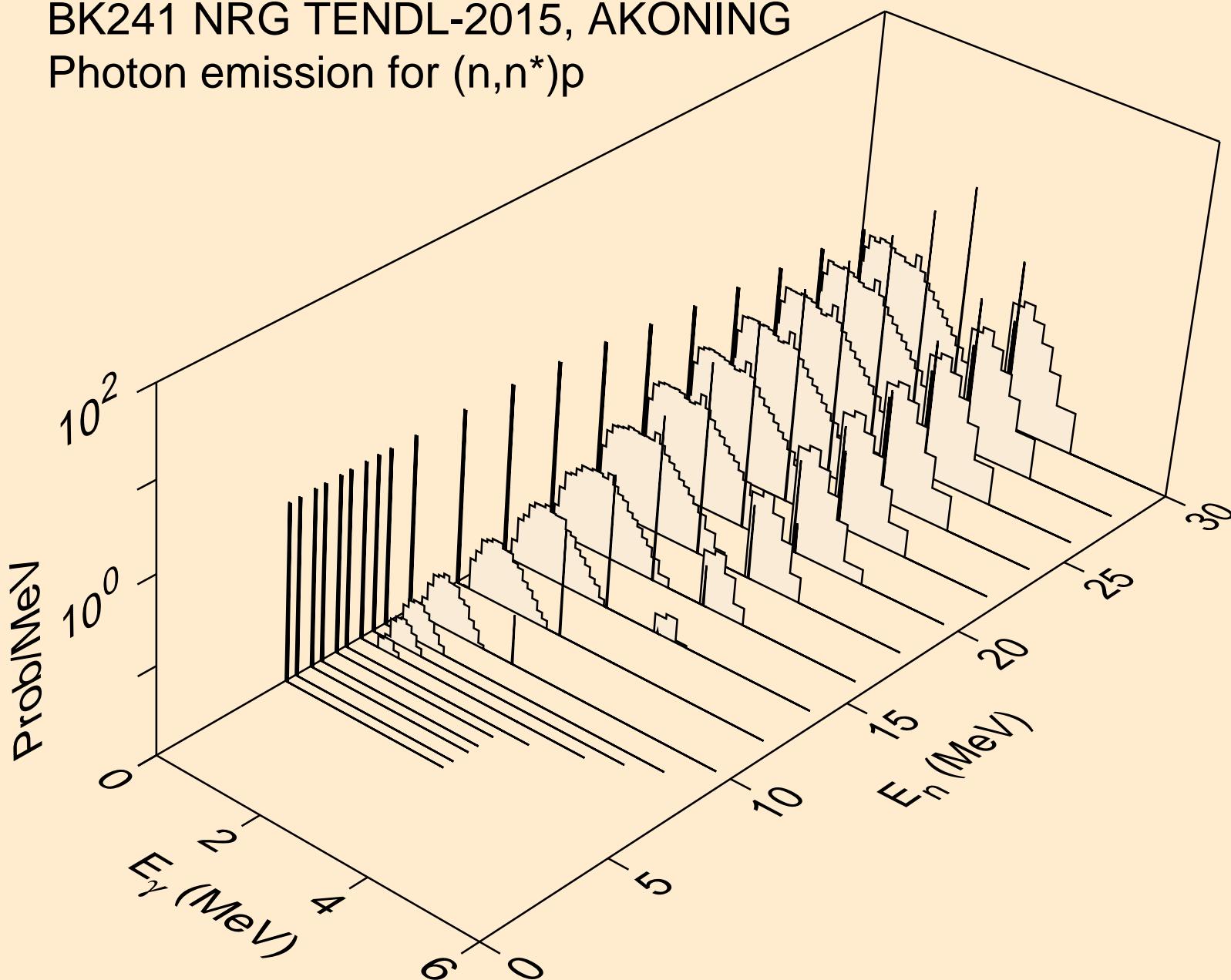
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



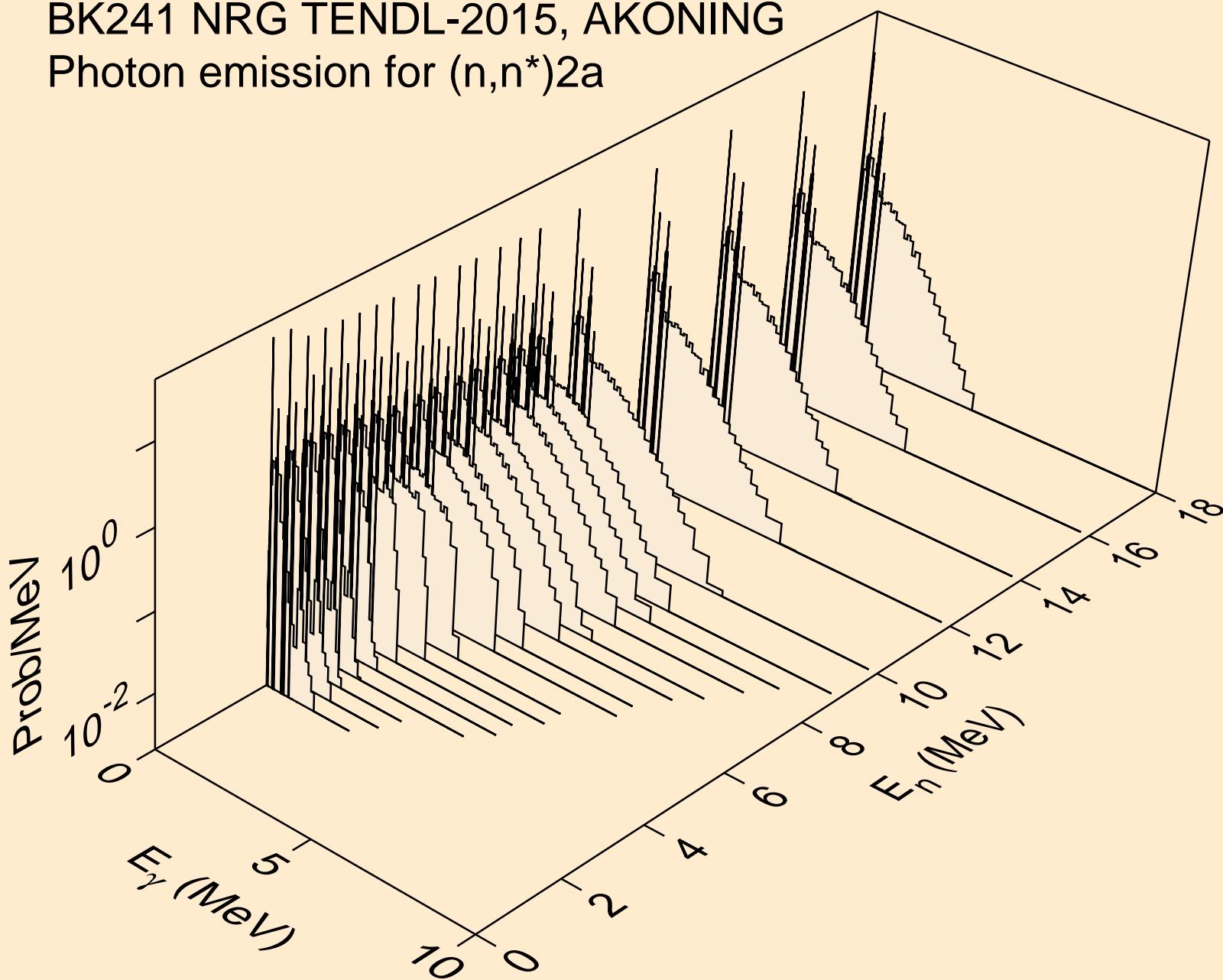
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



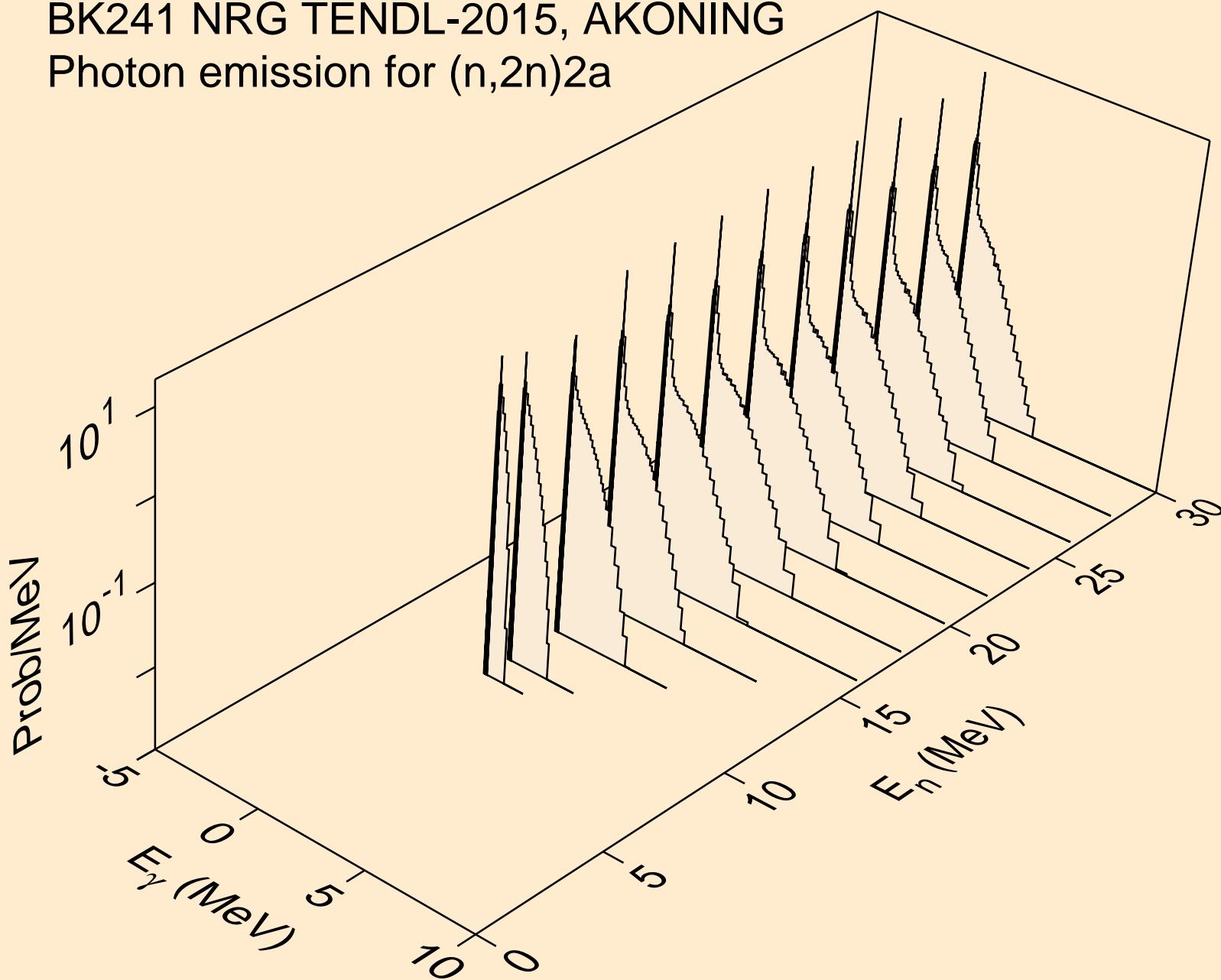
BK241 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



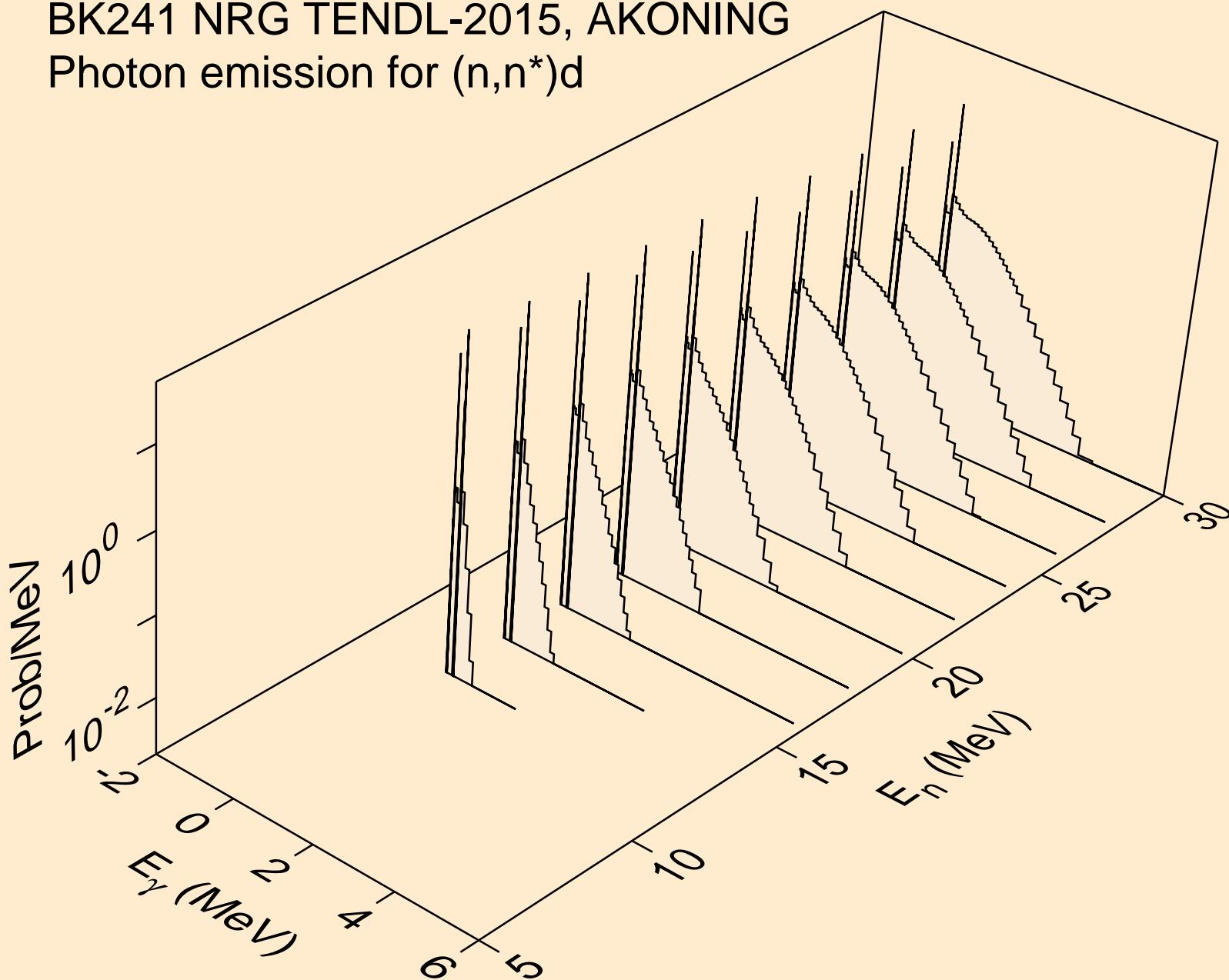
BK241 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)2a$



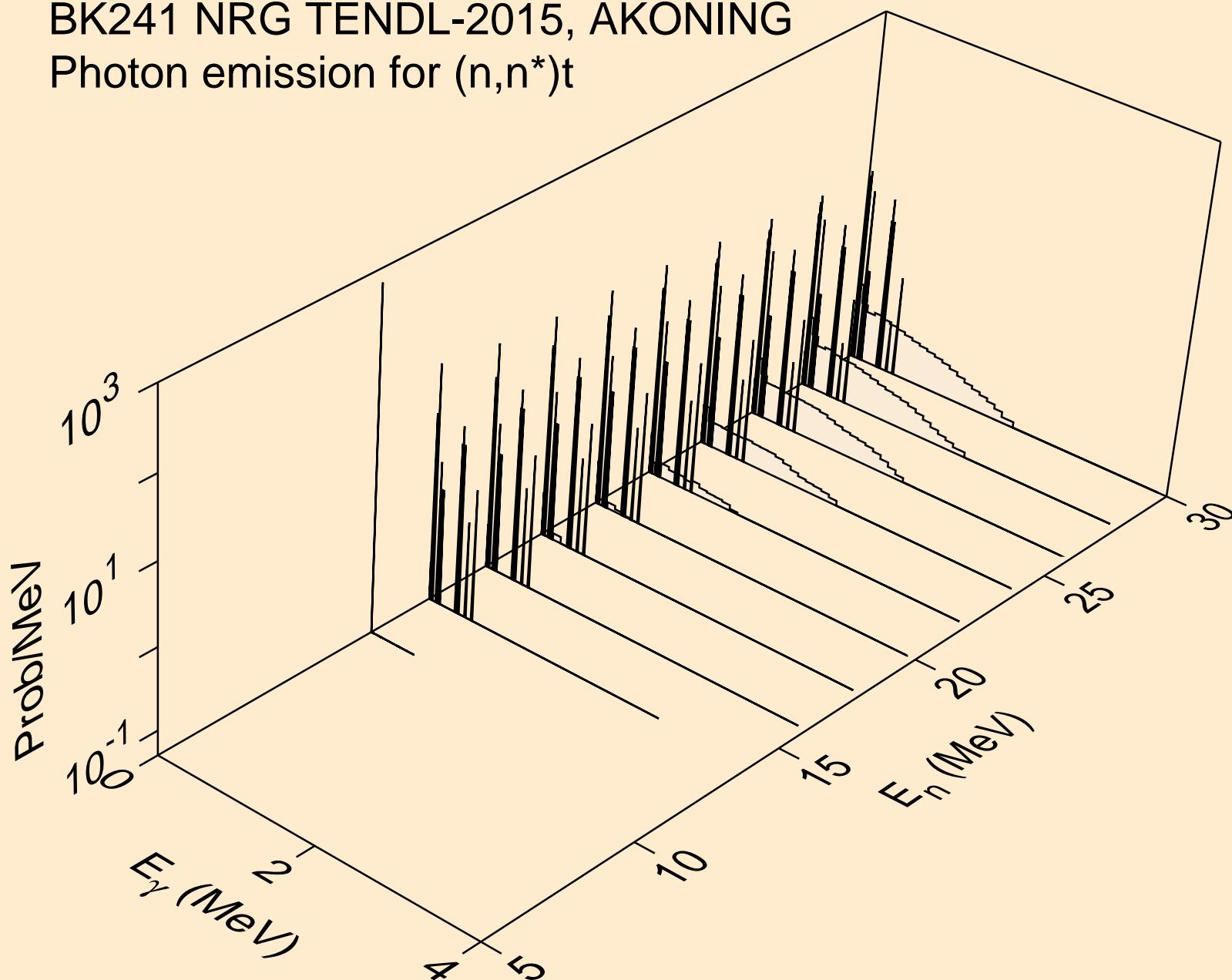
BK241 NRG TENDL-2015, AKONING  
Photon emission for  $(n,2n)2a$



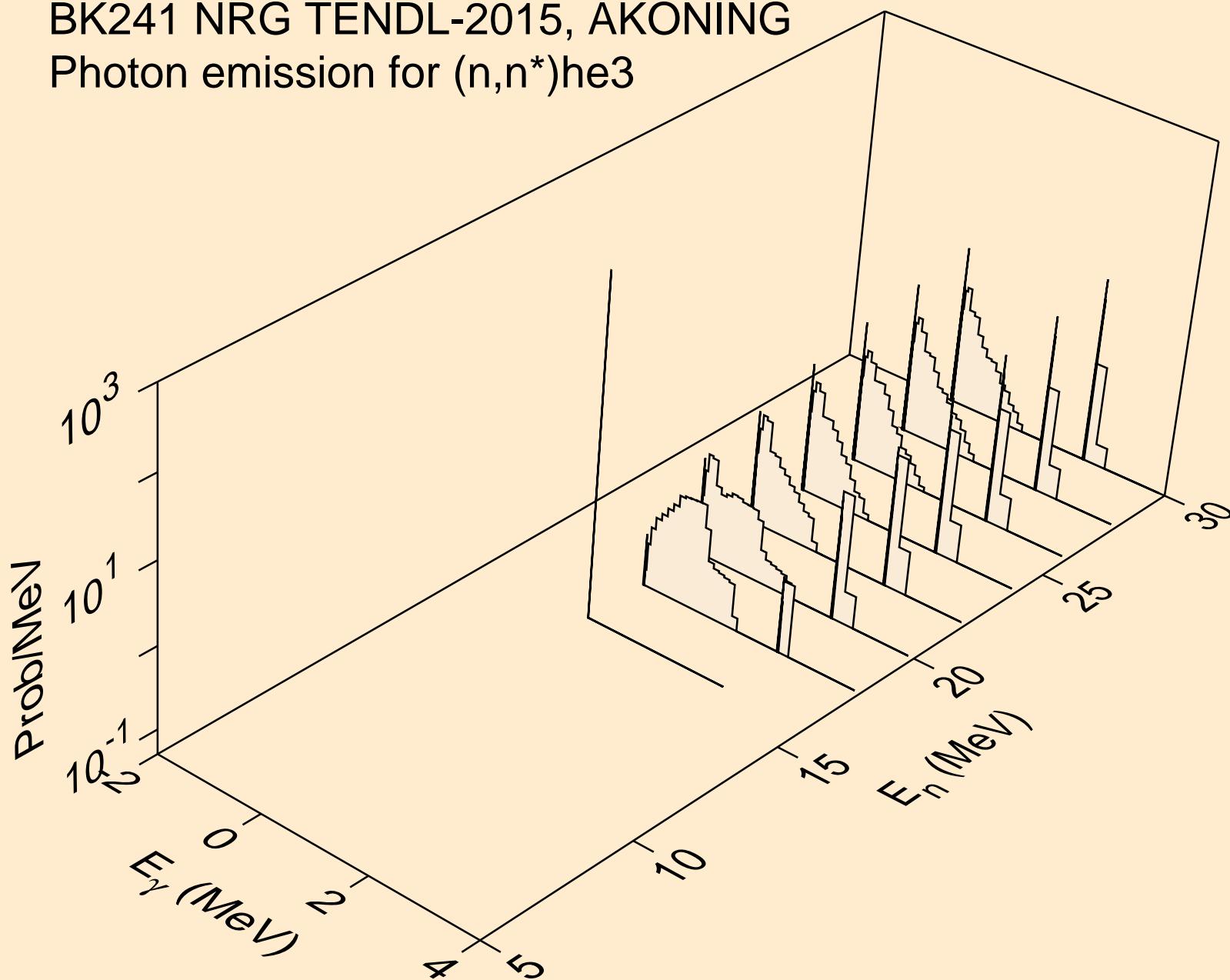
BK241 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



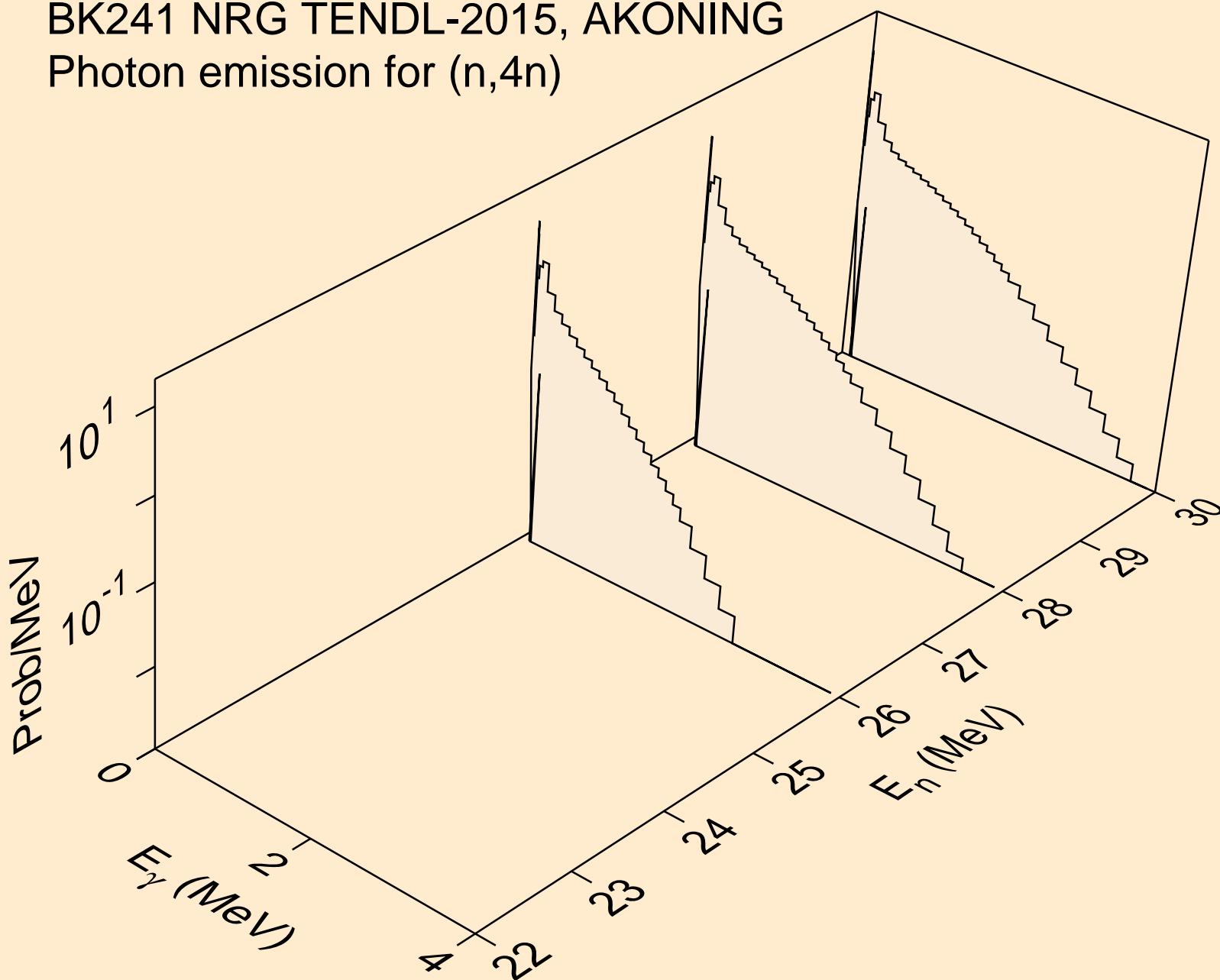
BK241 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



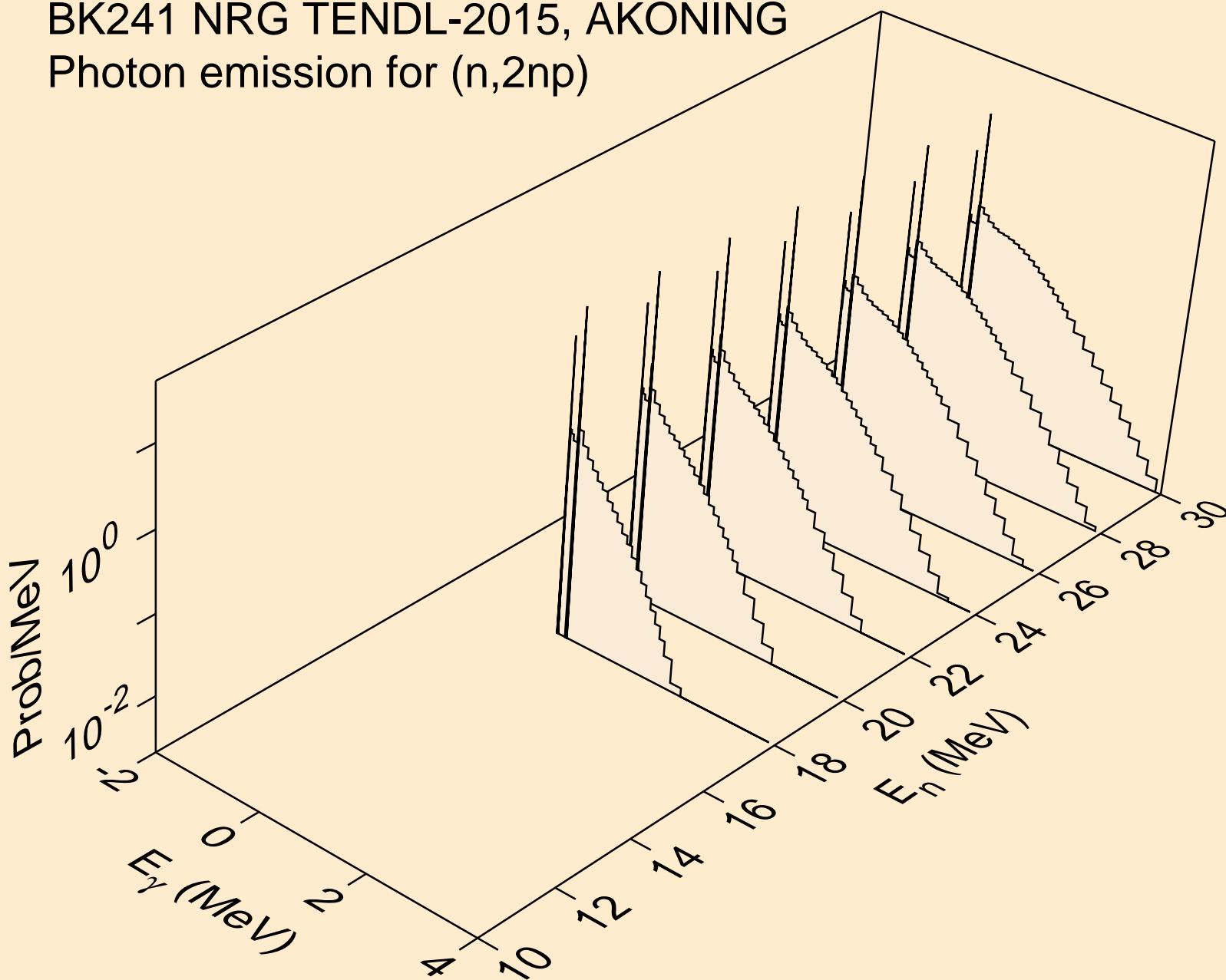
BK241 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



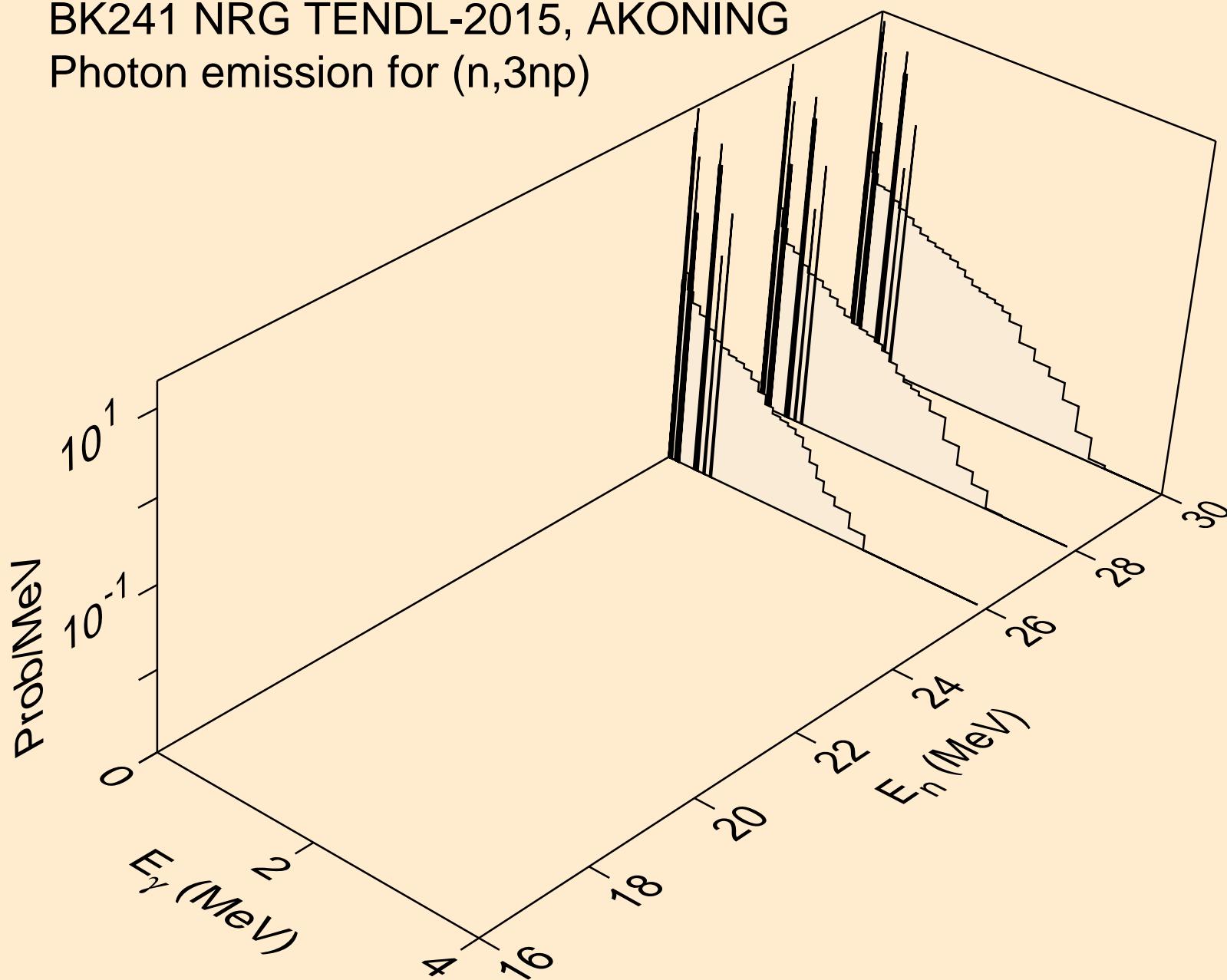
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



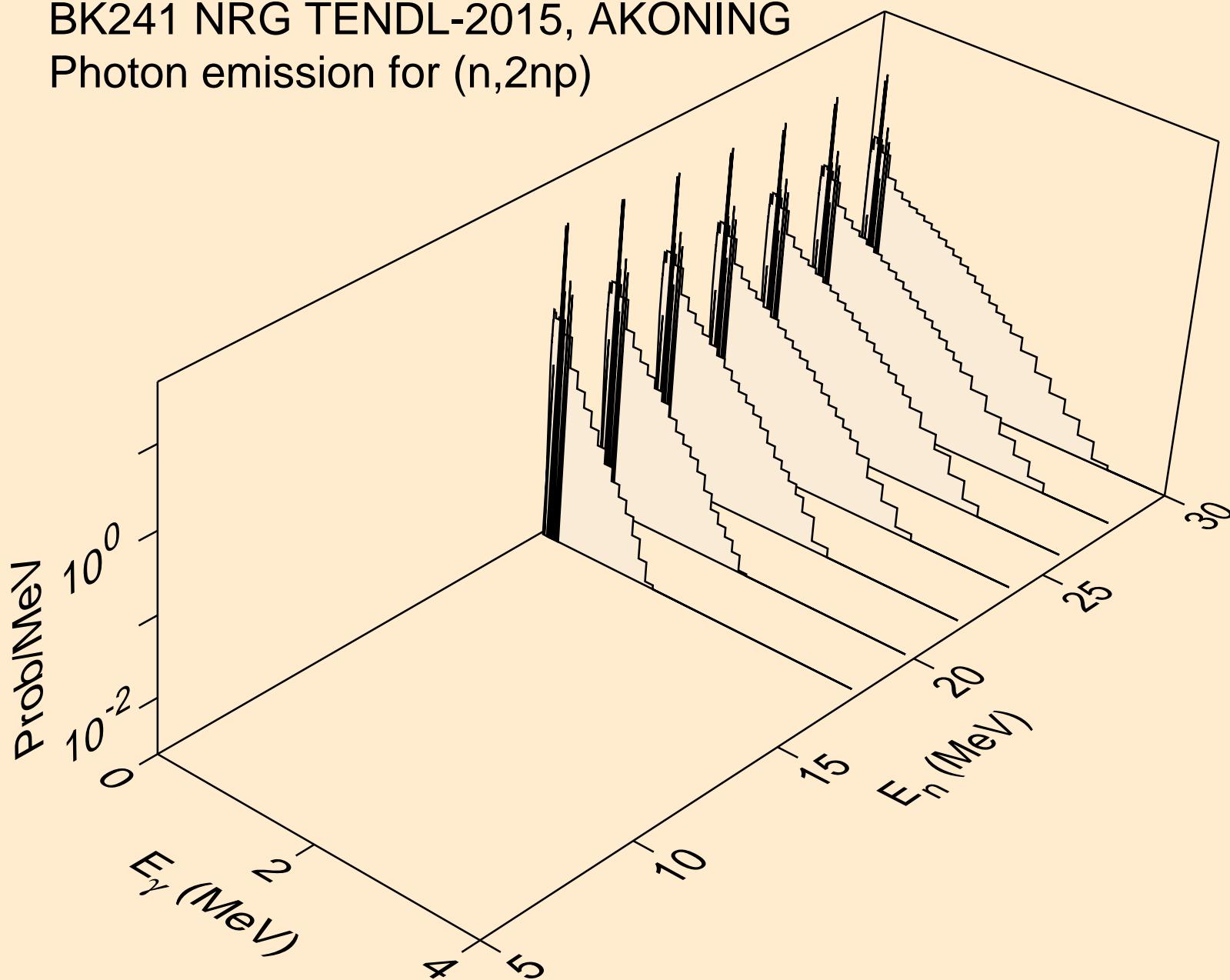
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



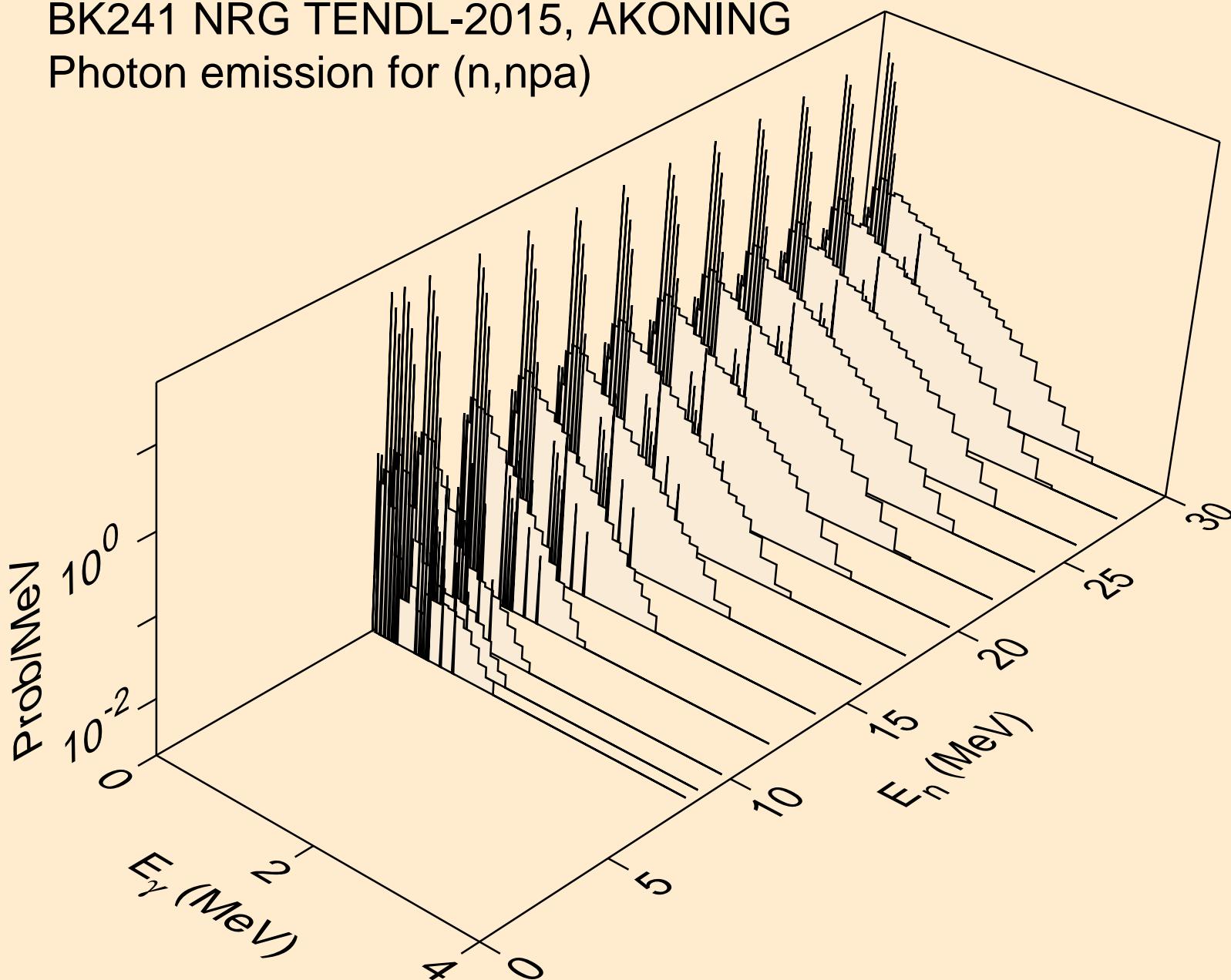
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



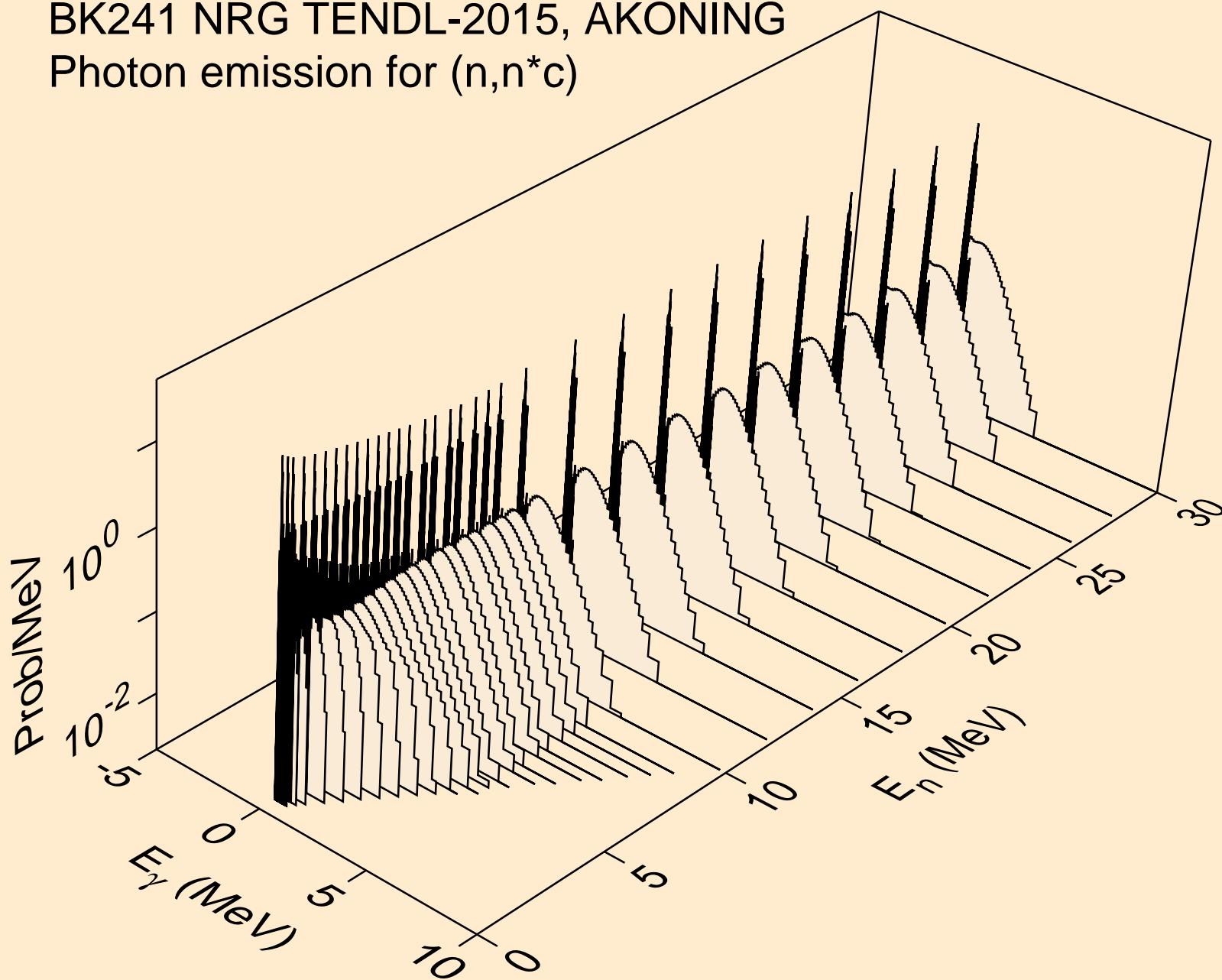
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



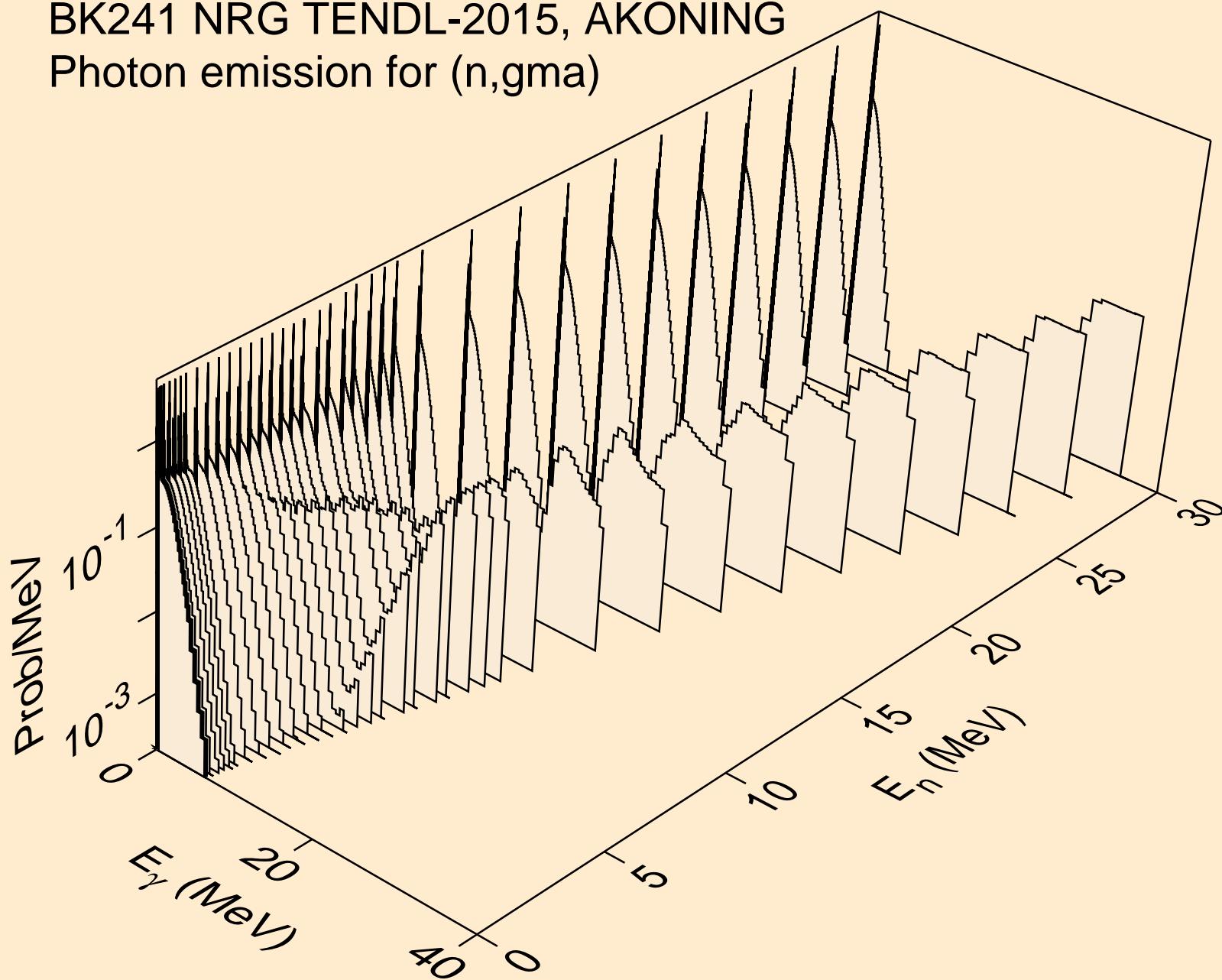
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



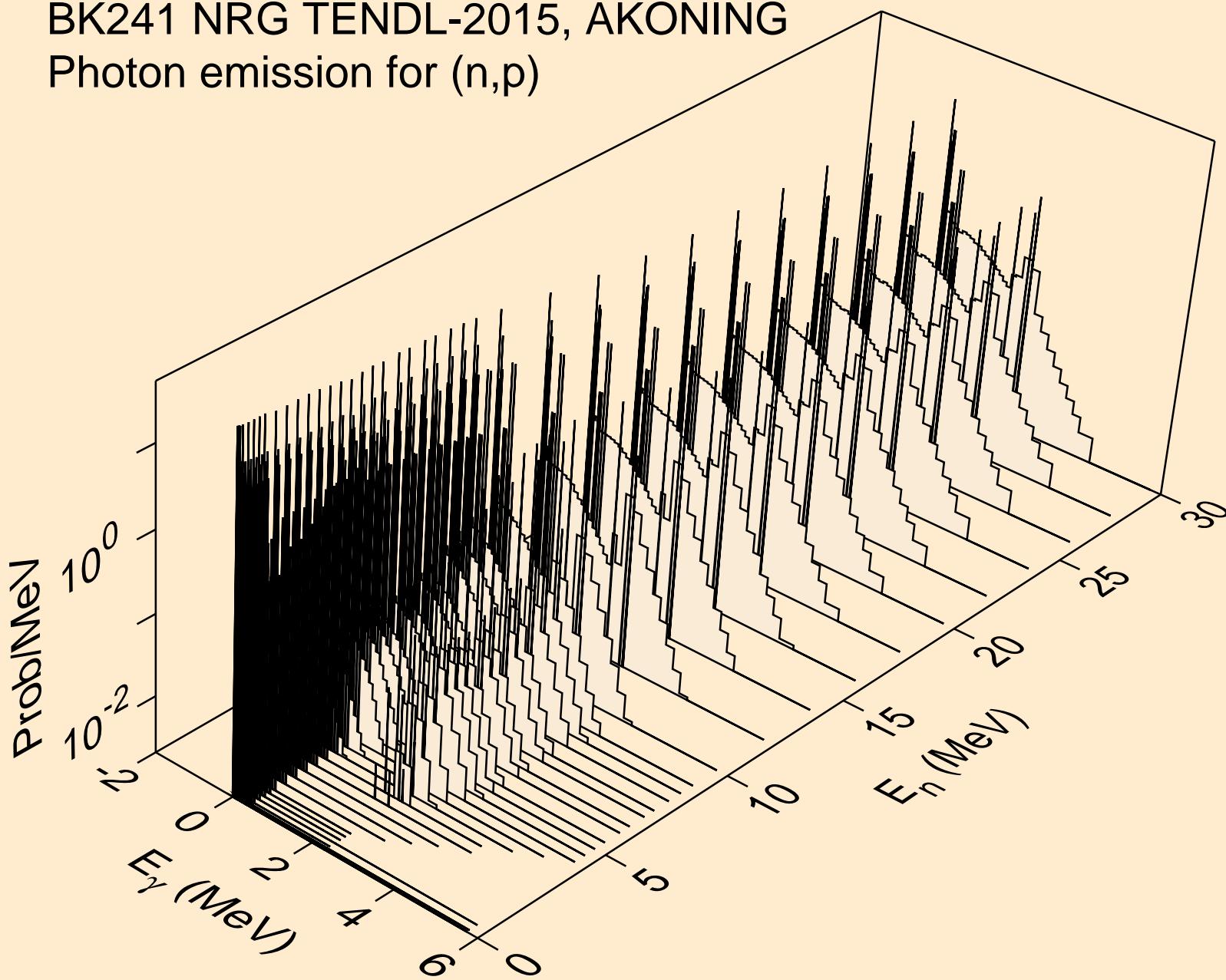
BK241 NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^*c$ )



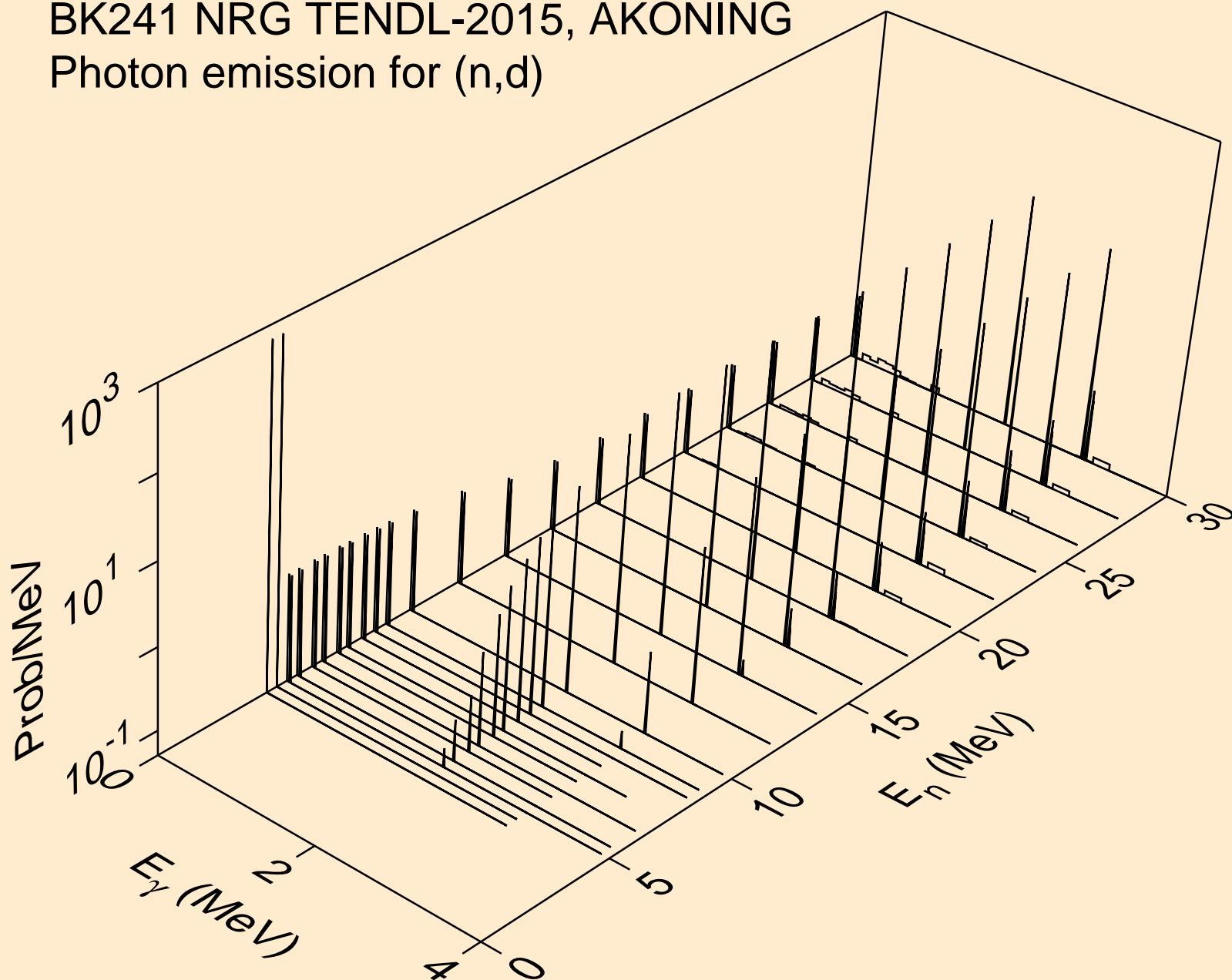
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



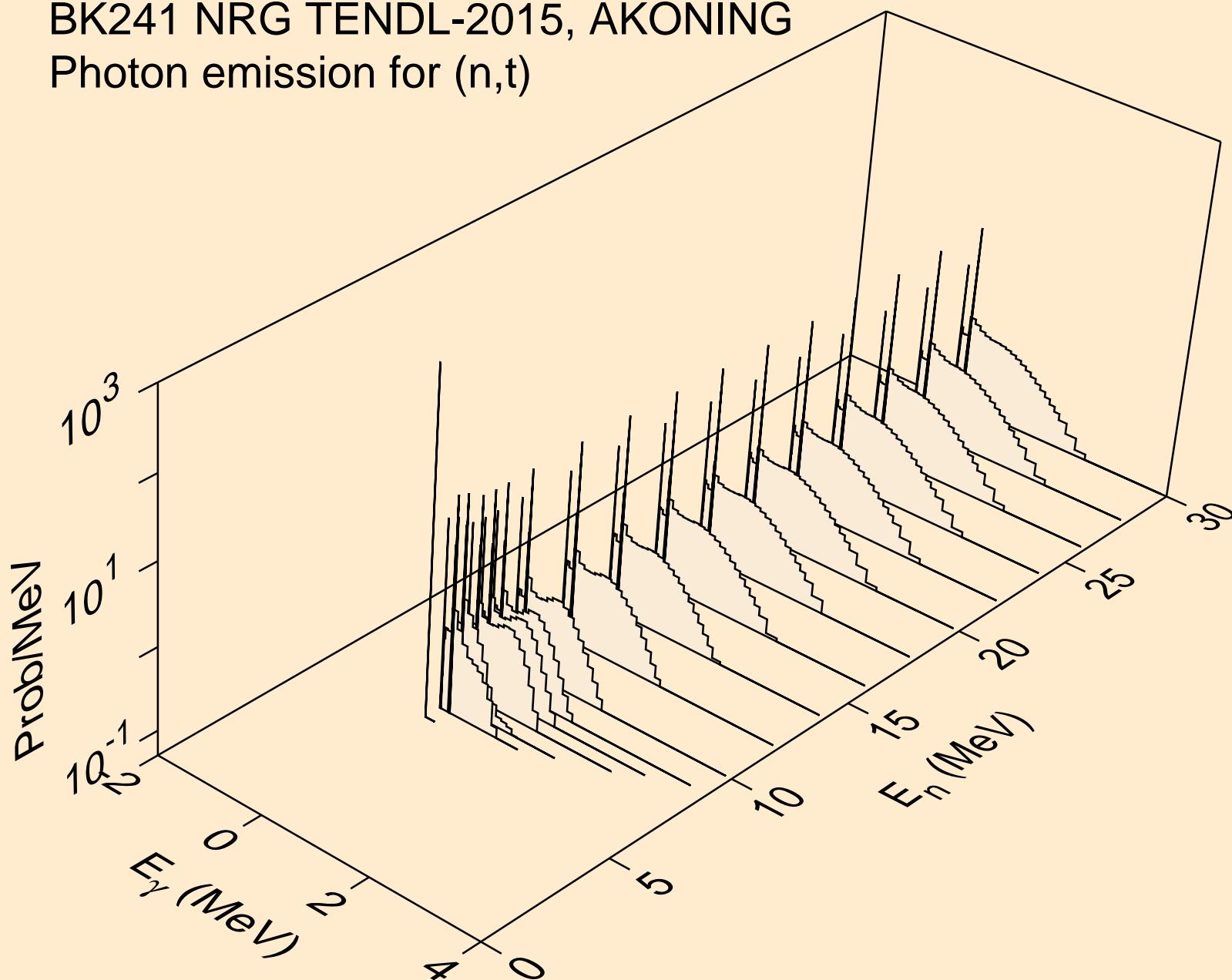
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



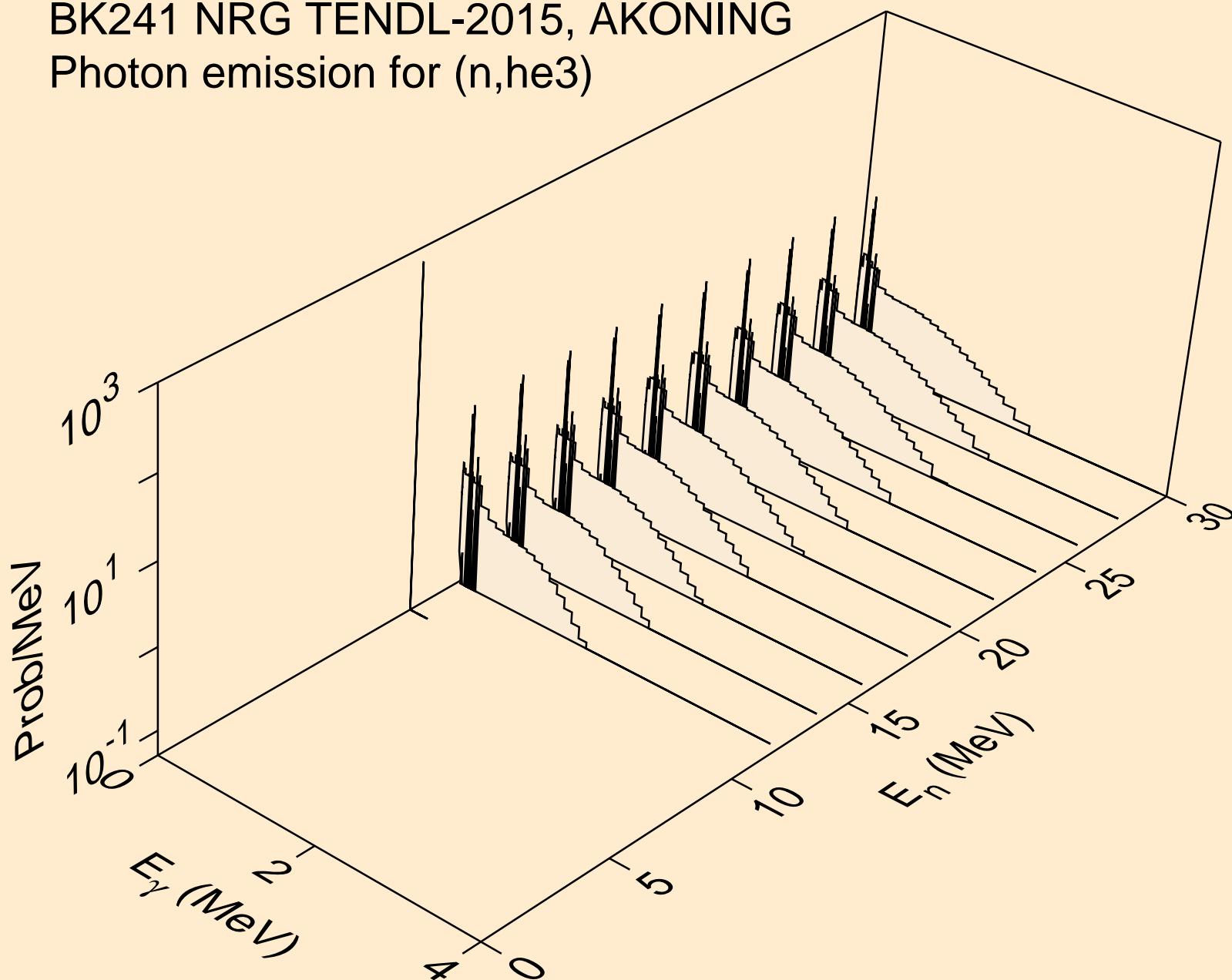
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



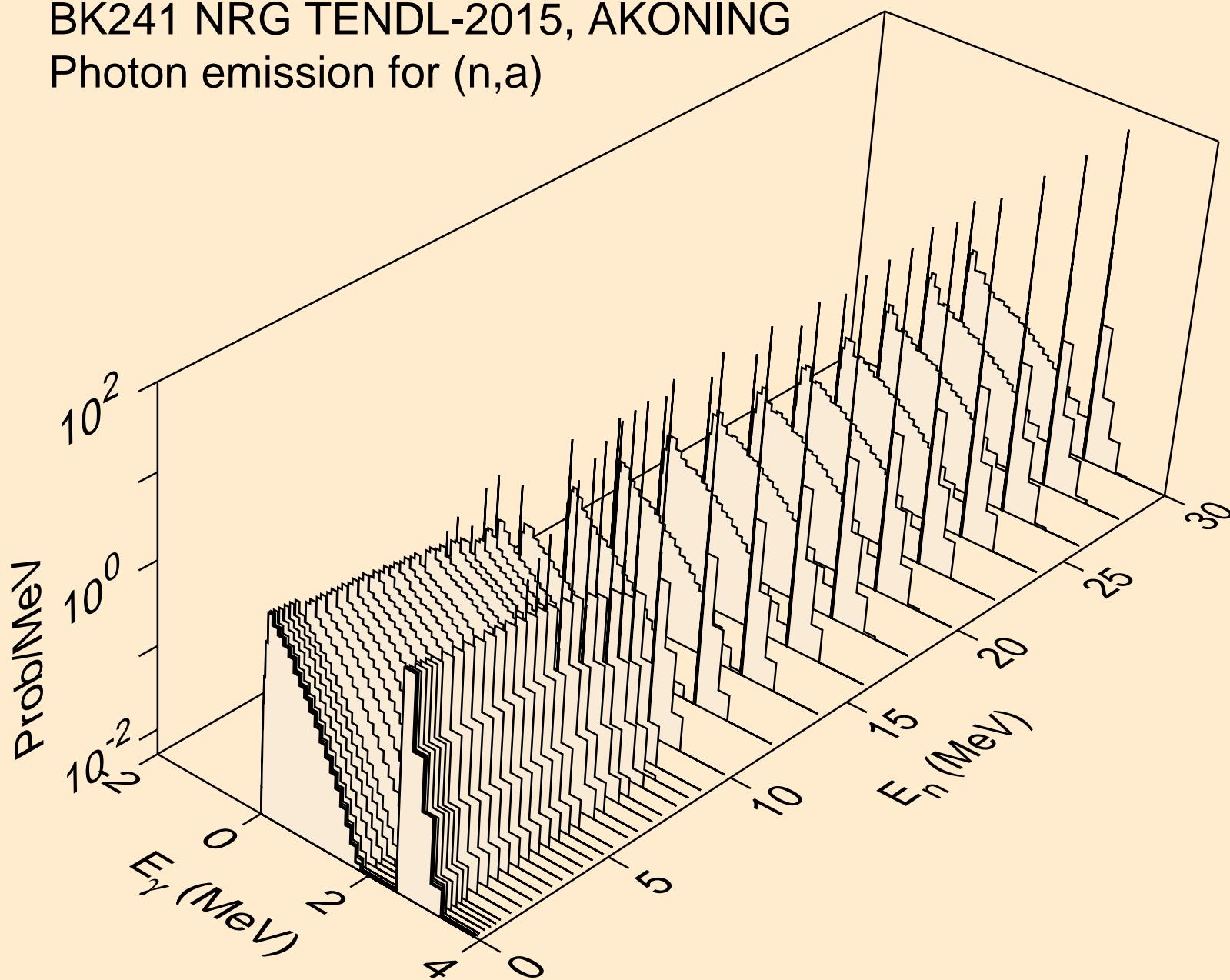
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



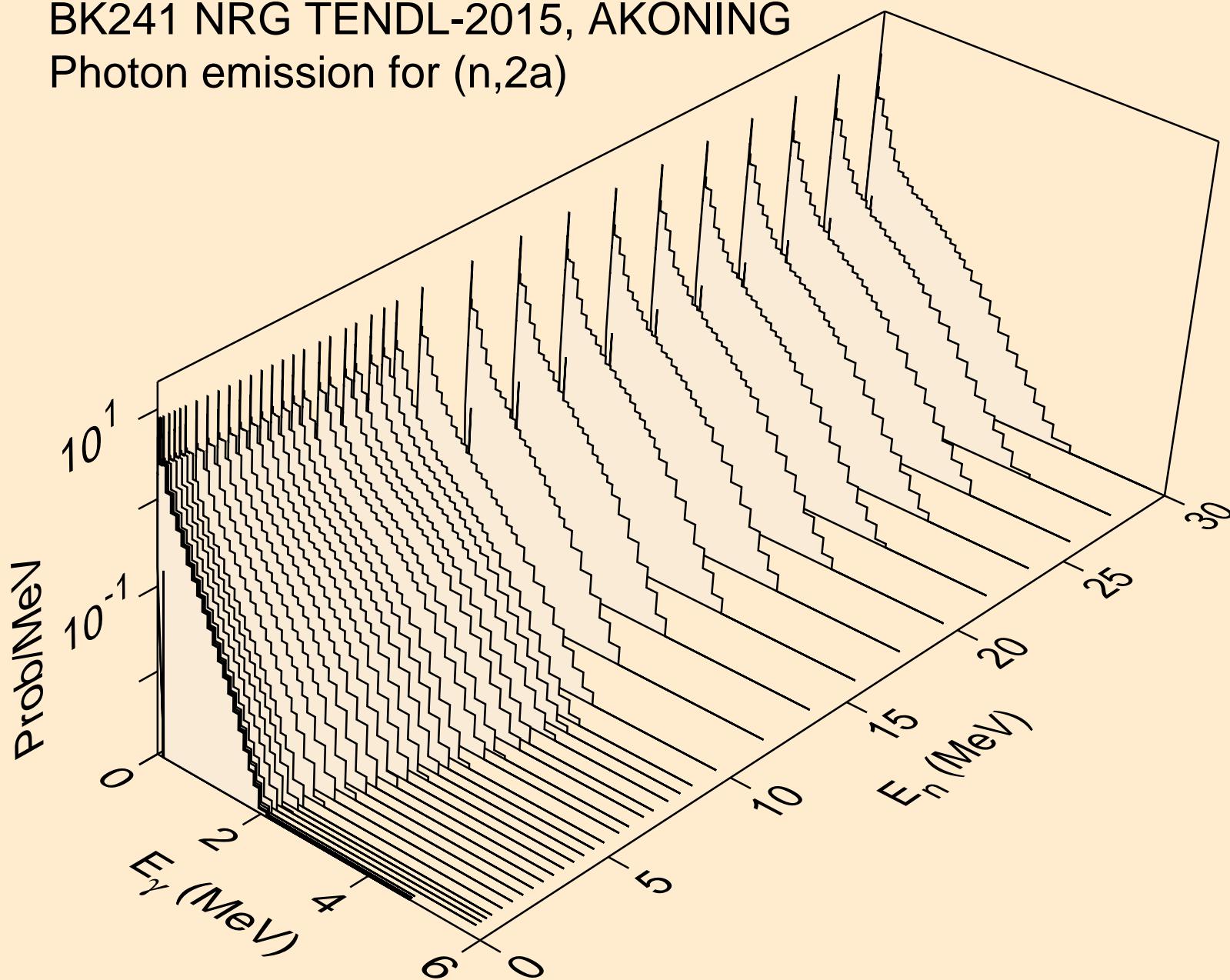
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



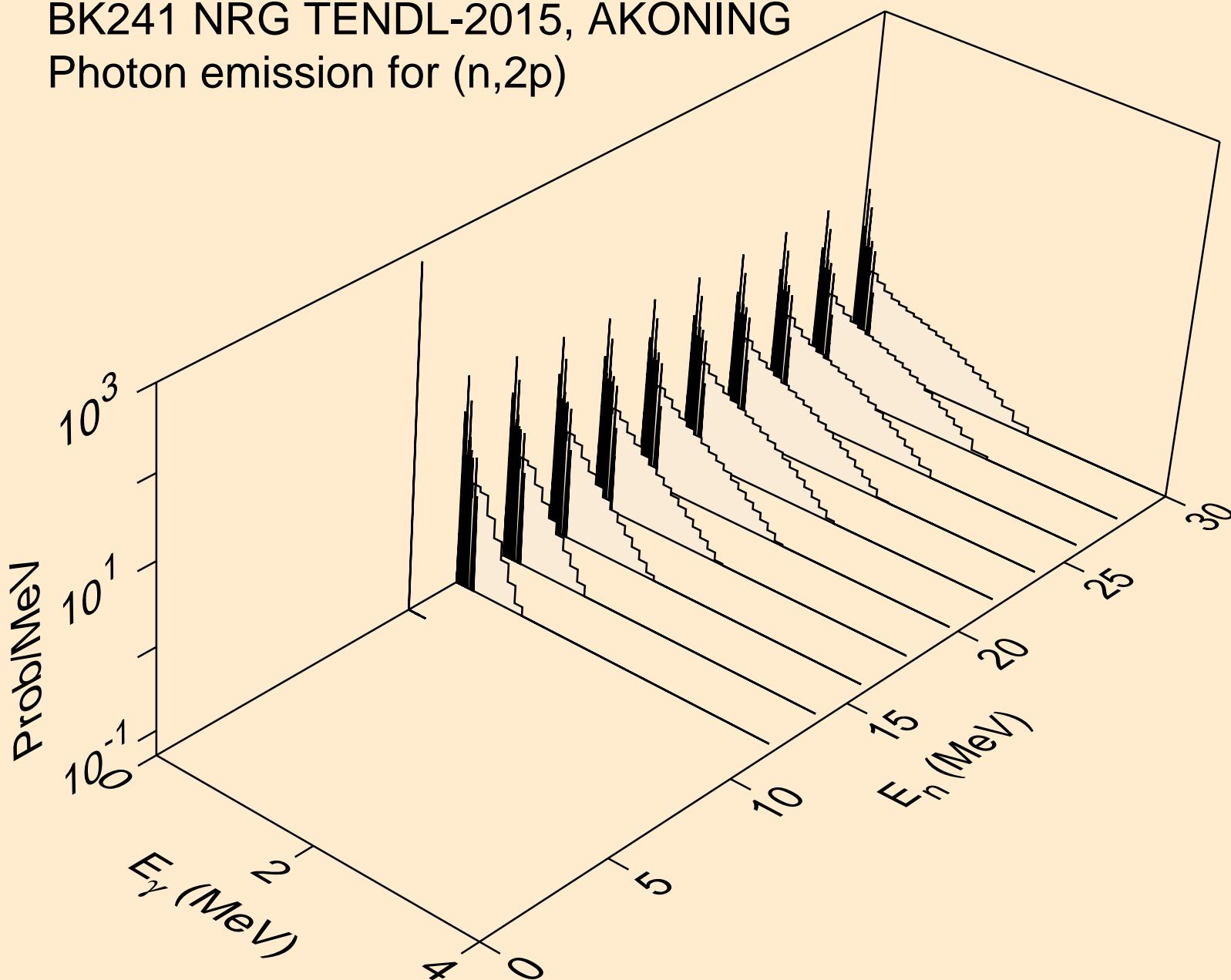
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



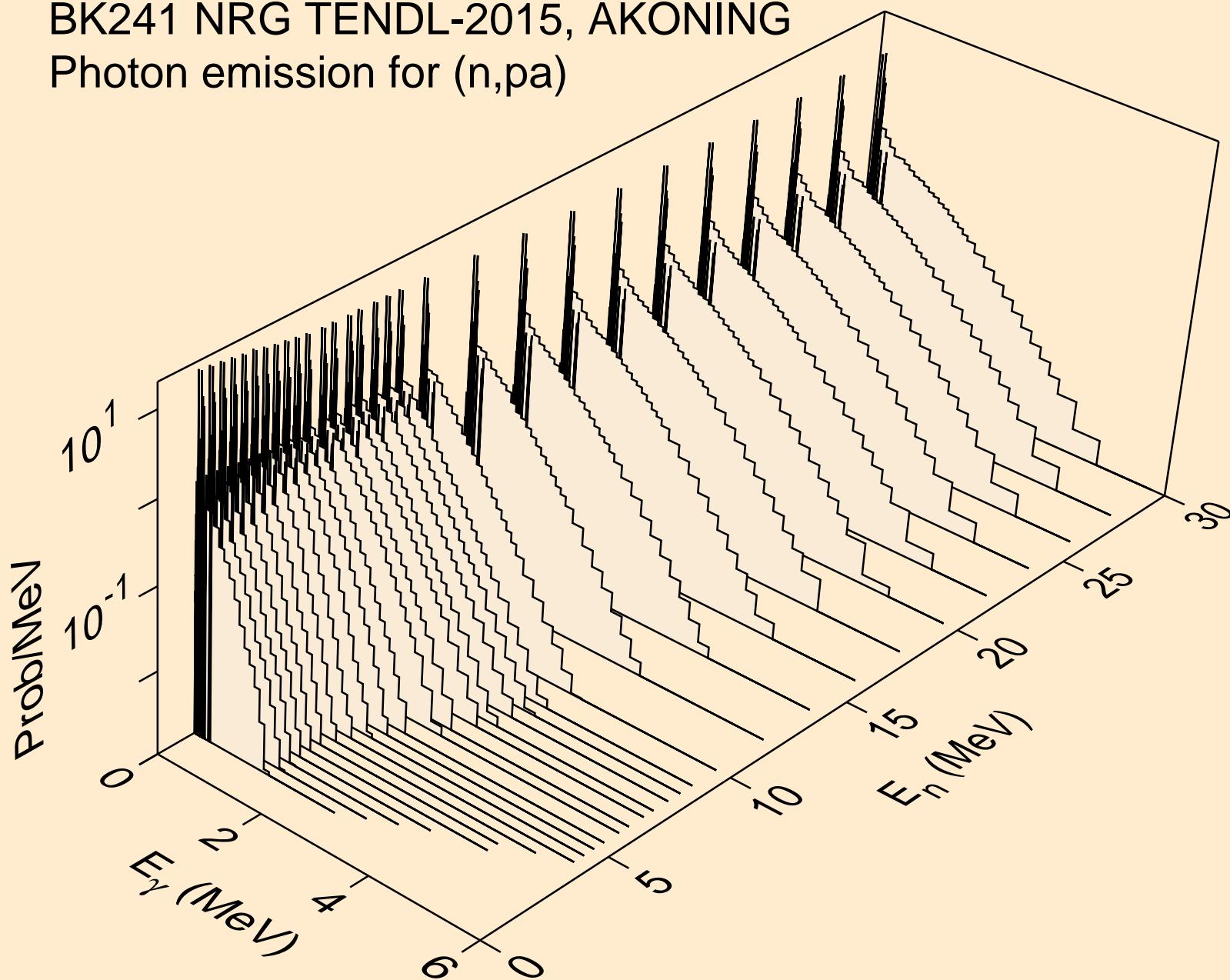
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



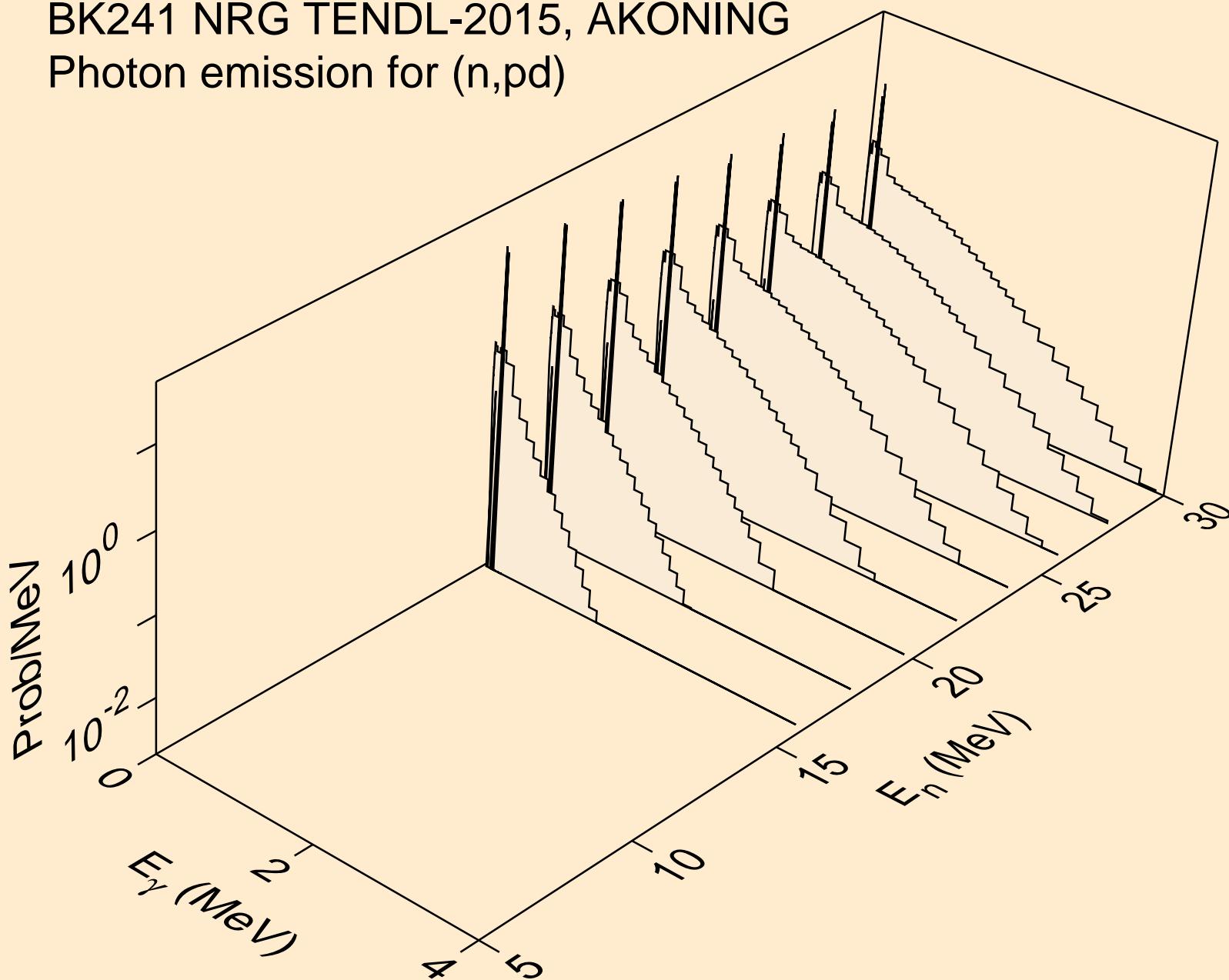
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



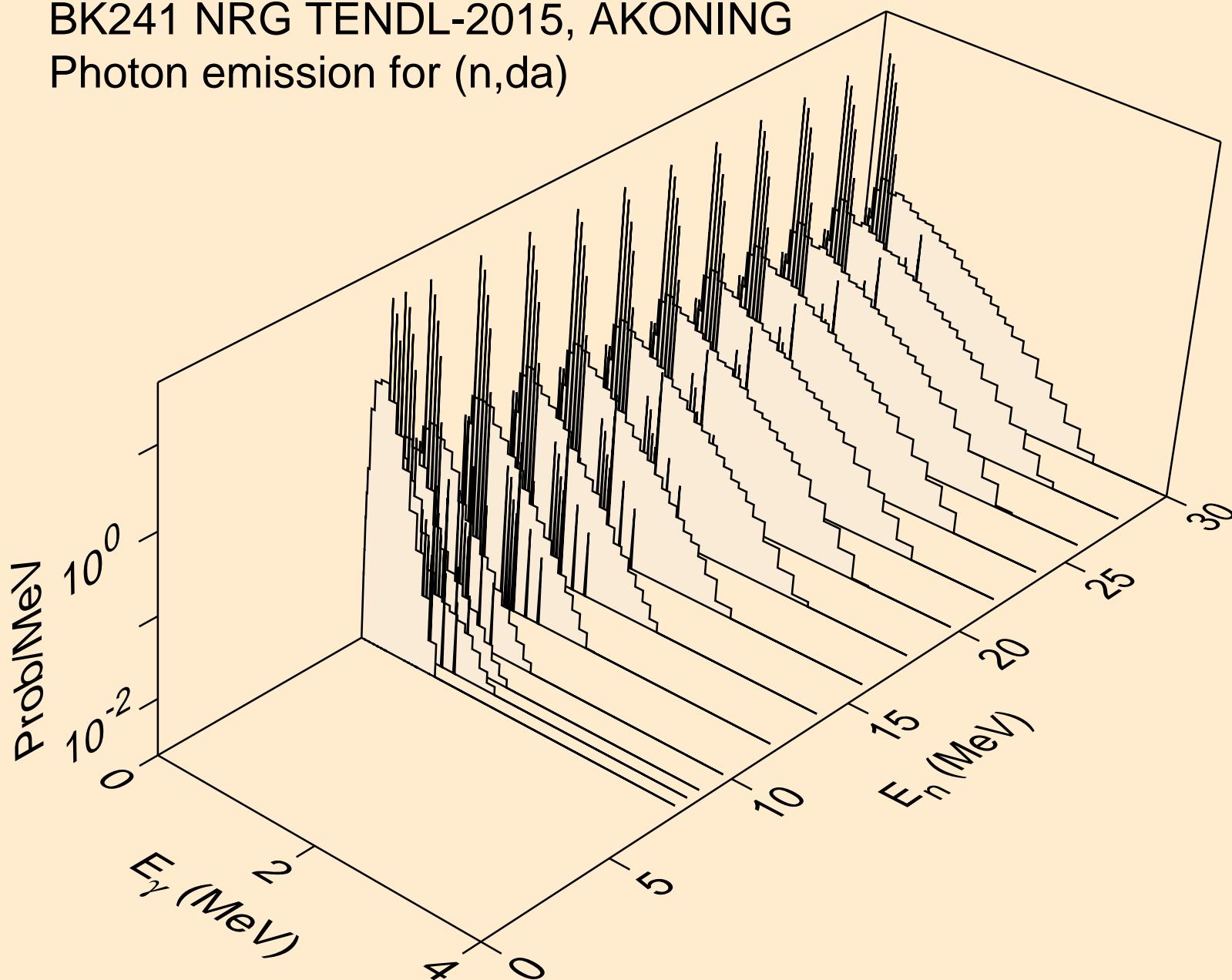
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



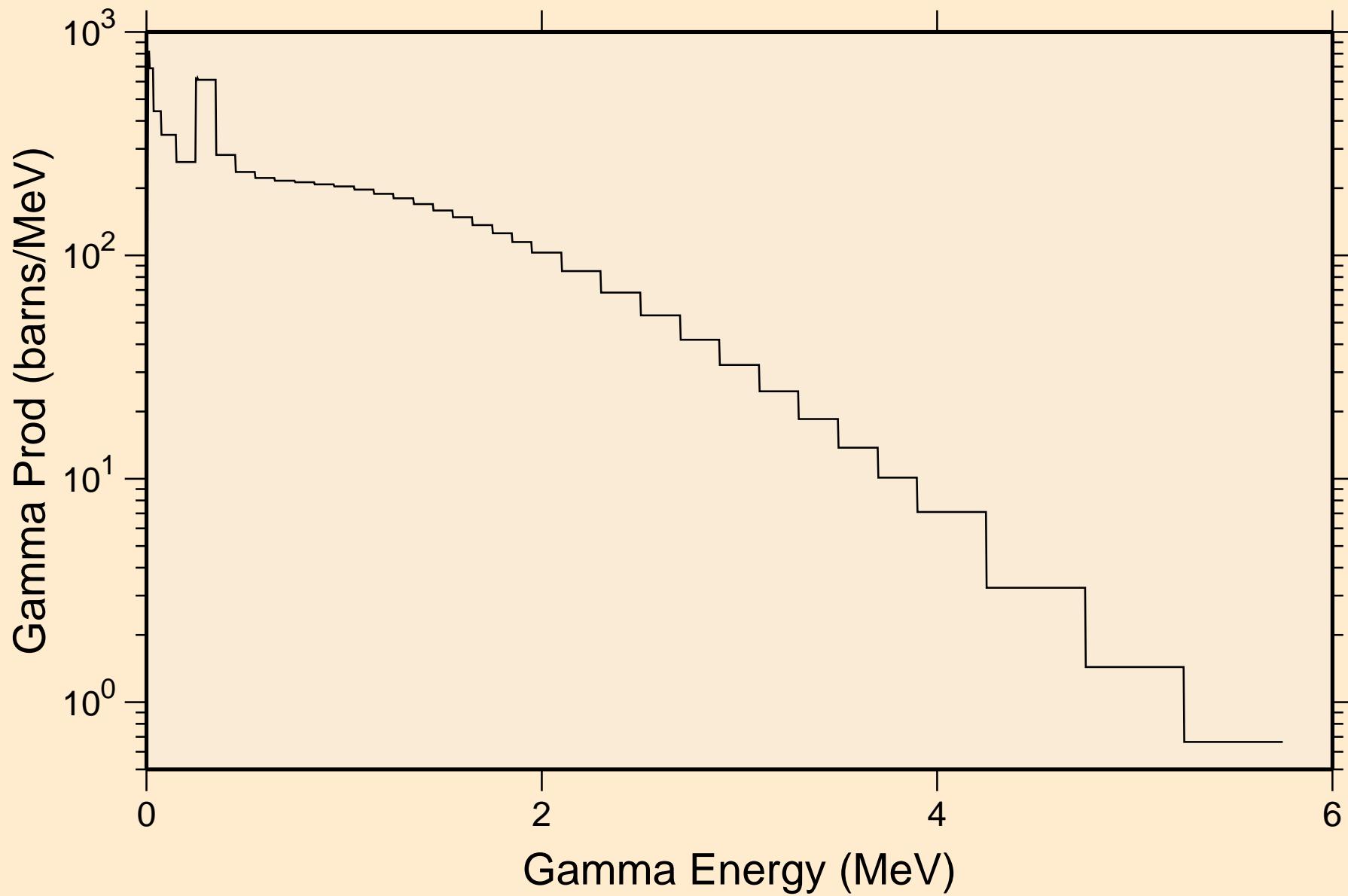
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



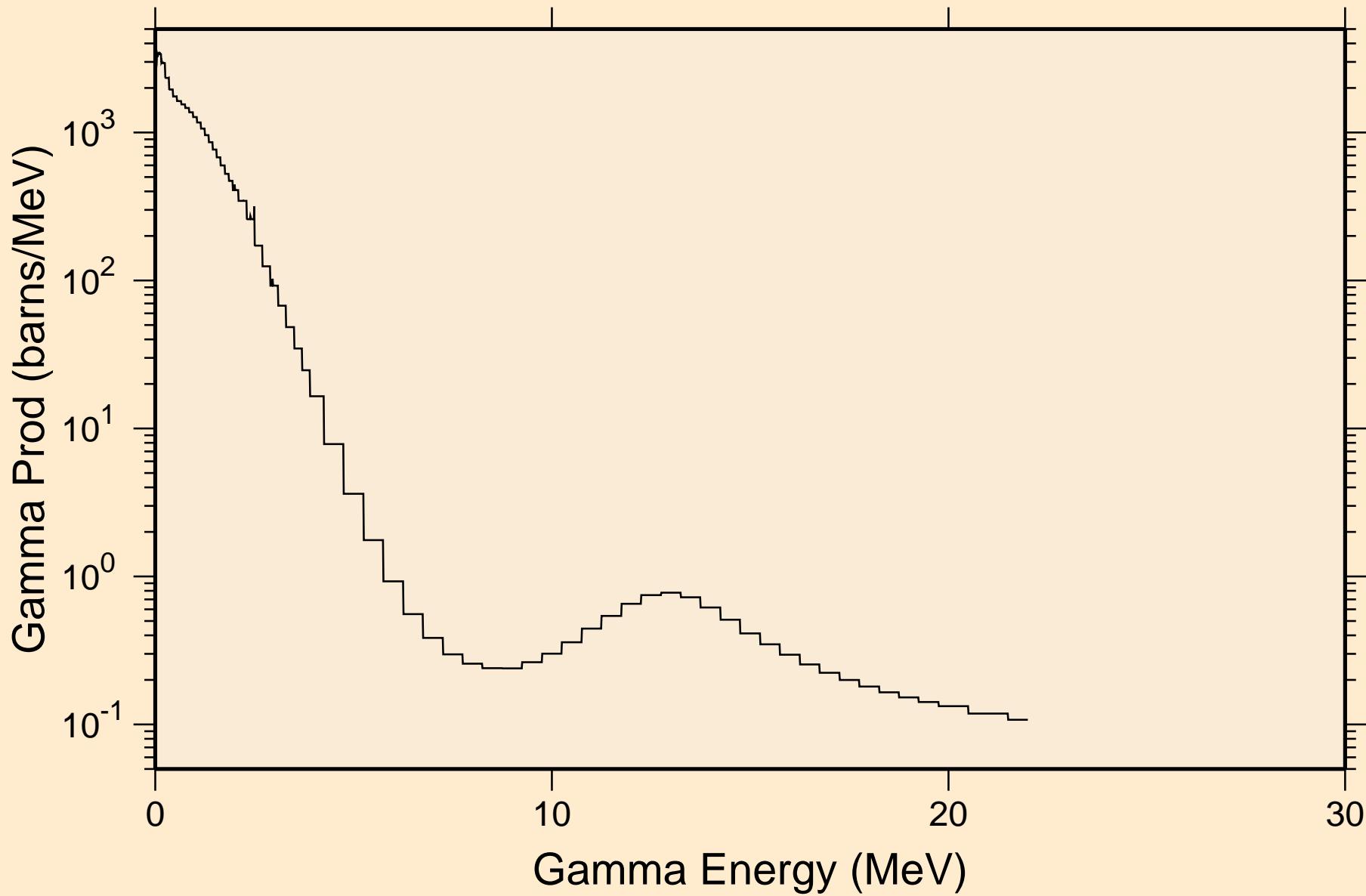
BK241 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BK241 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

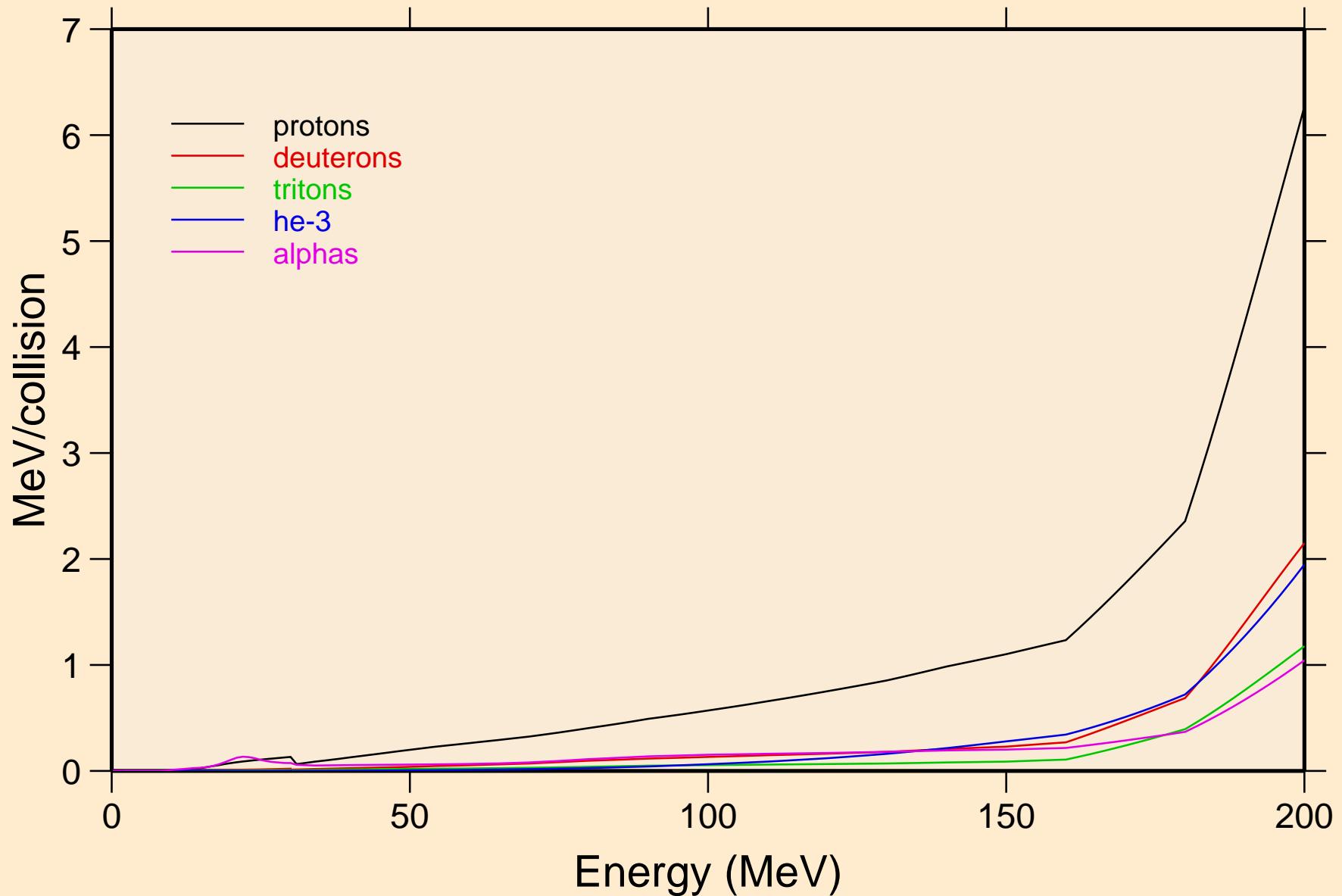


BK241 NRG TENDL-2015, AKONING  
14 MeV photon spectrum

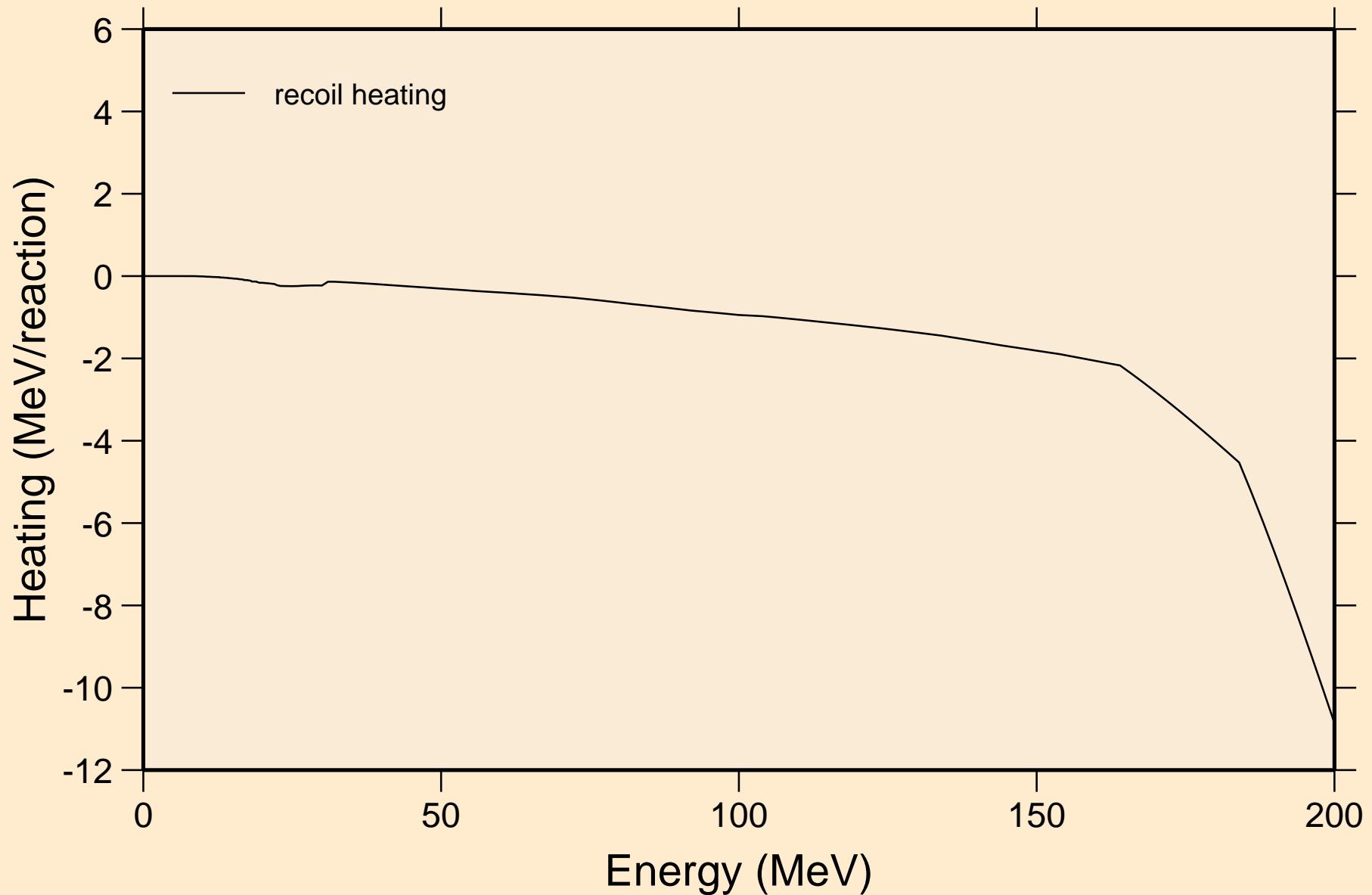


# BK241 NRG TENDL-2015, AKONING

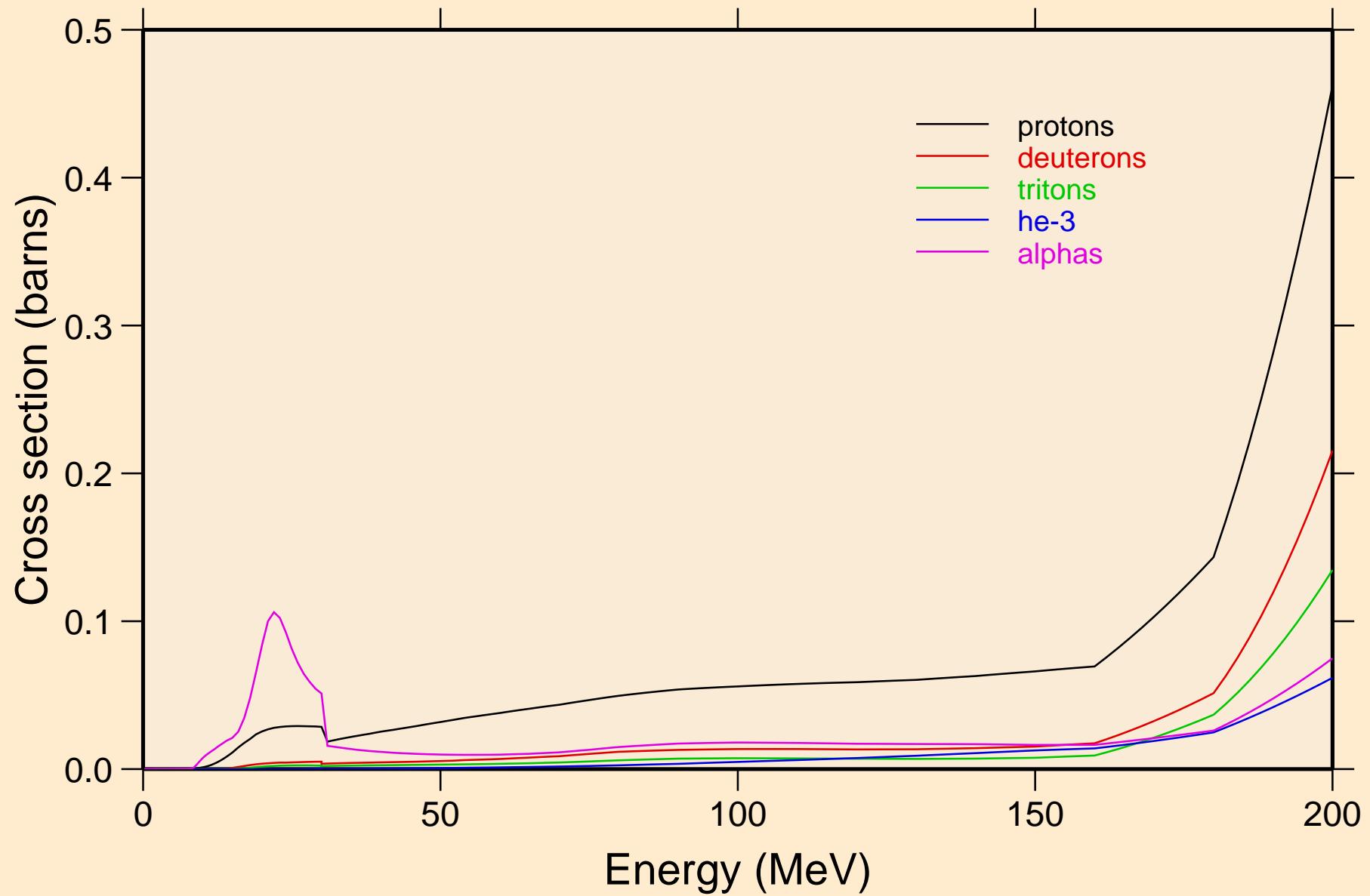
## Particle heating contributions



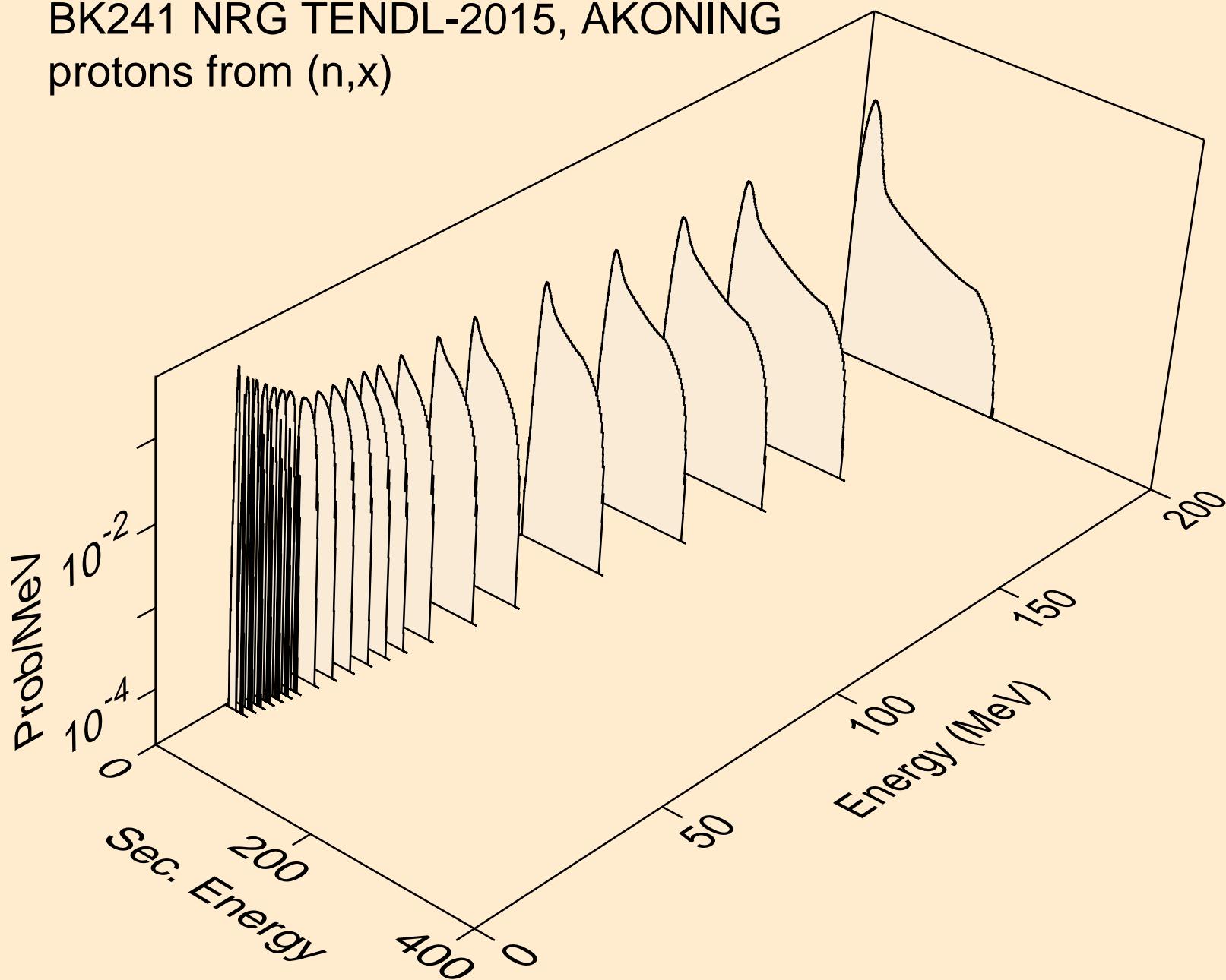
BK241 NRG TENDL-2015, AKONING  
Recoil Heating



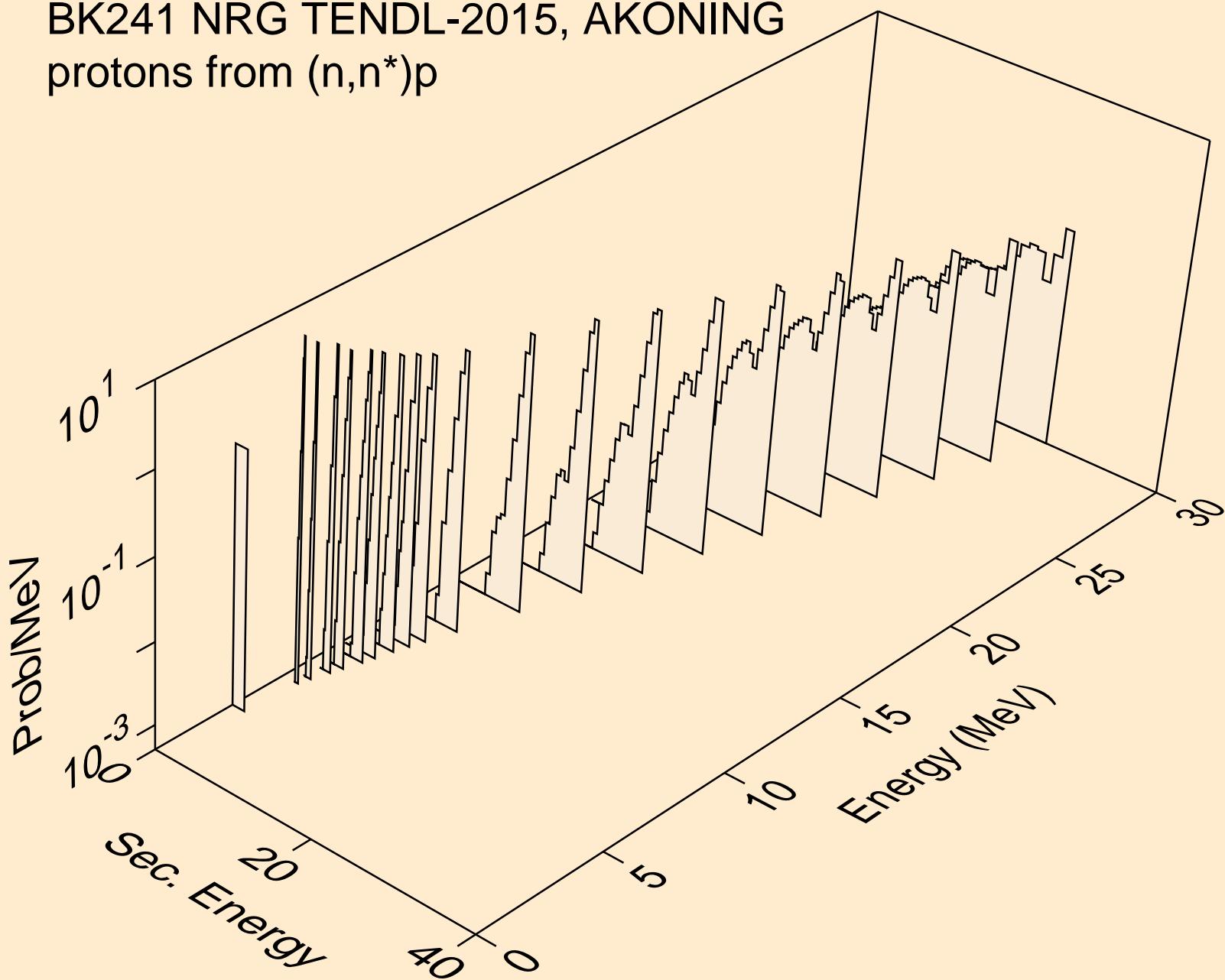
BK241 NRG TENDL-2015, AKONING  
Particle production cross sections



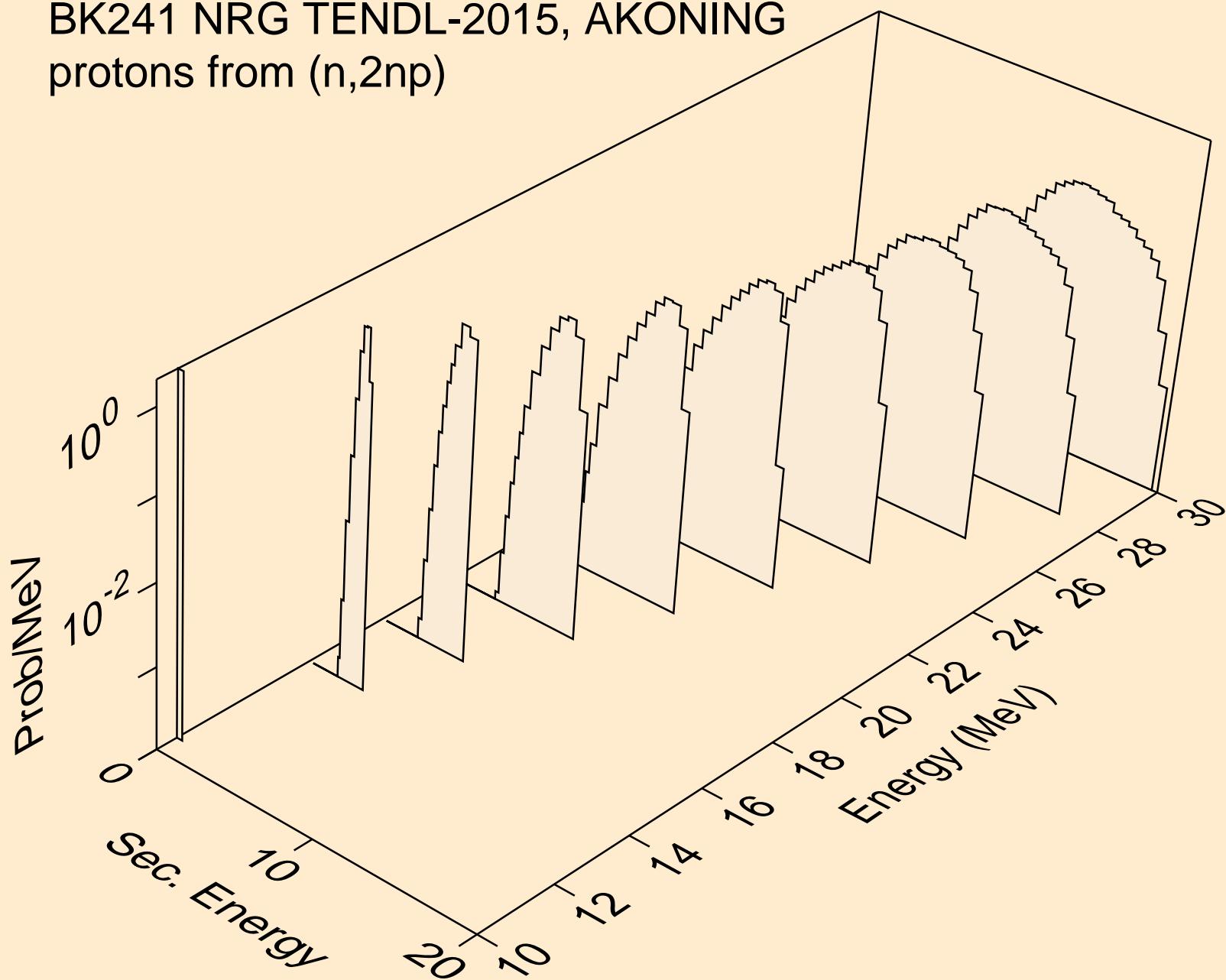
BK241 NRG TENDL-2015, AKONING  
protons from ( $n,x$ )



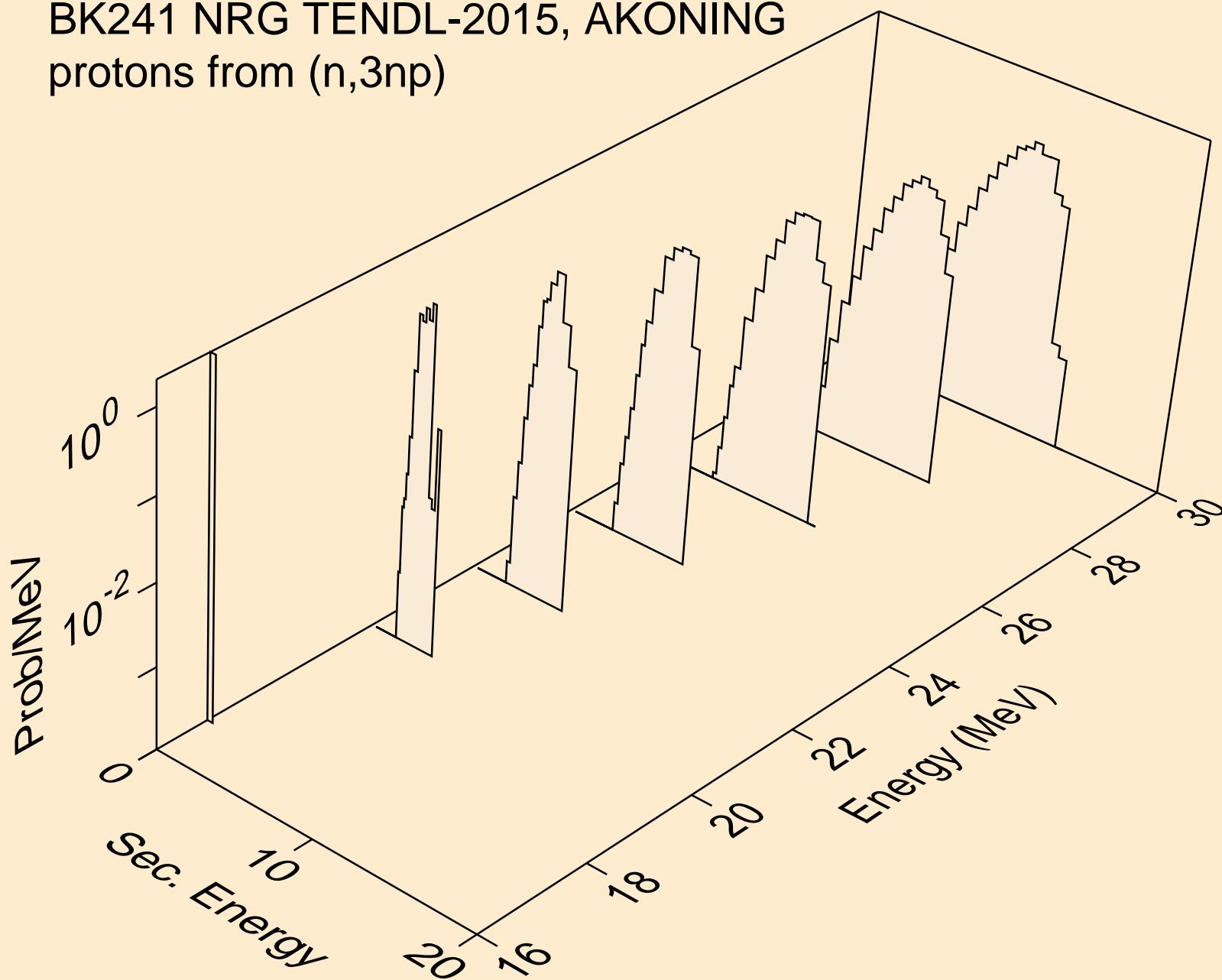
BK241 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



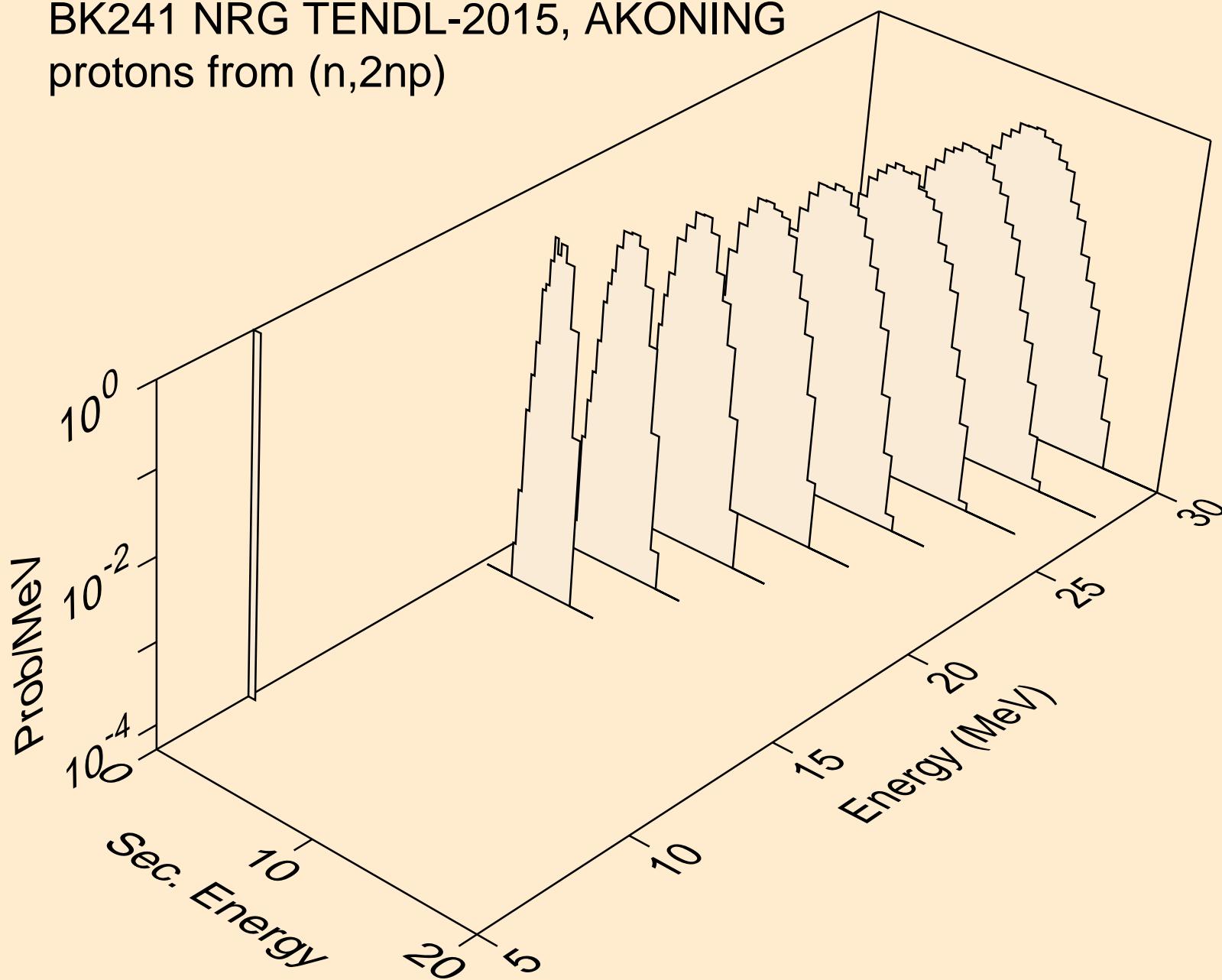
BK241 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



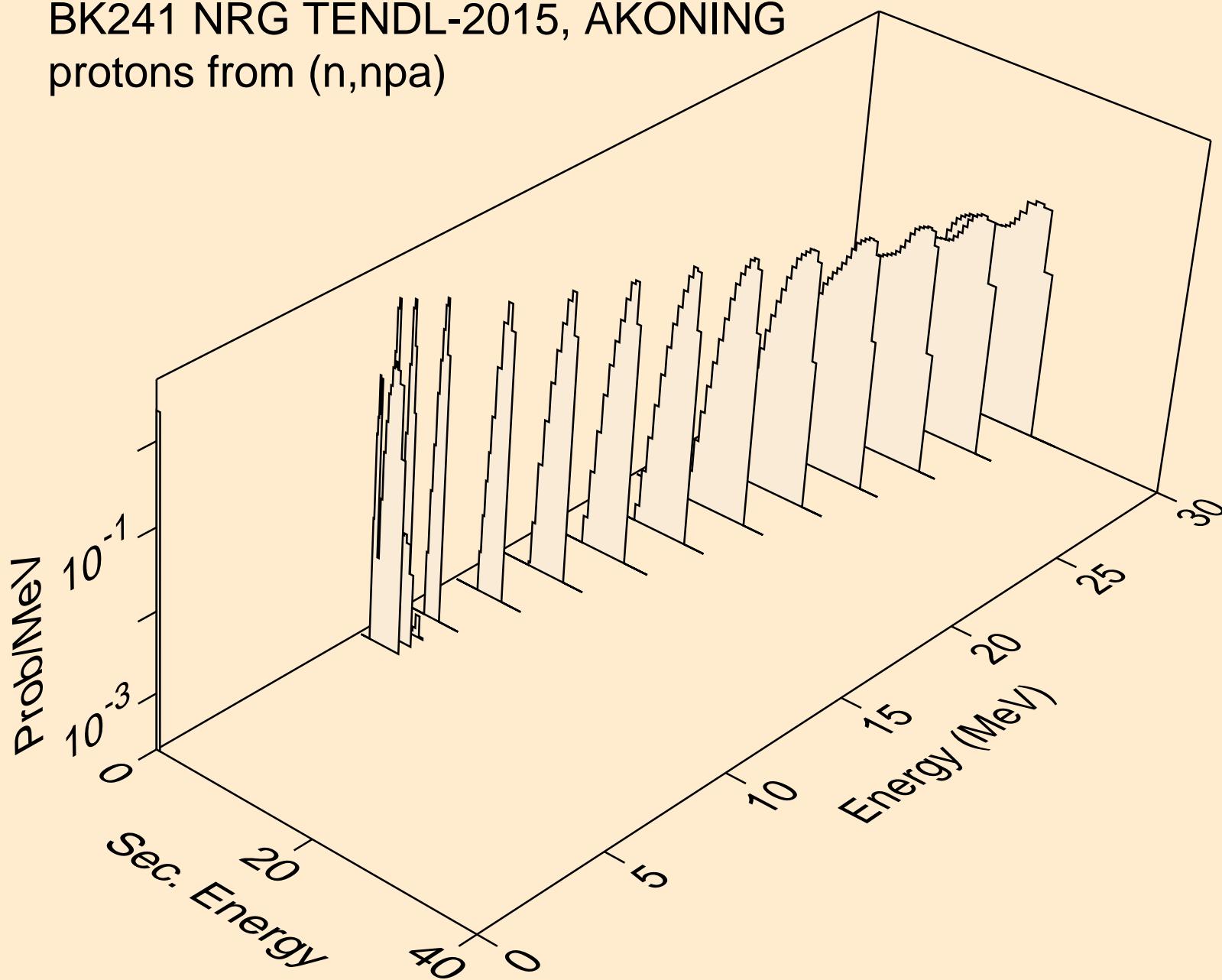
BK241 NRG TENDL-2015, AKONING  
protons from ( $n,3np$ )



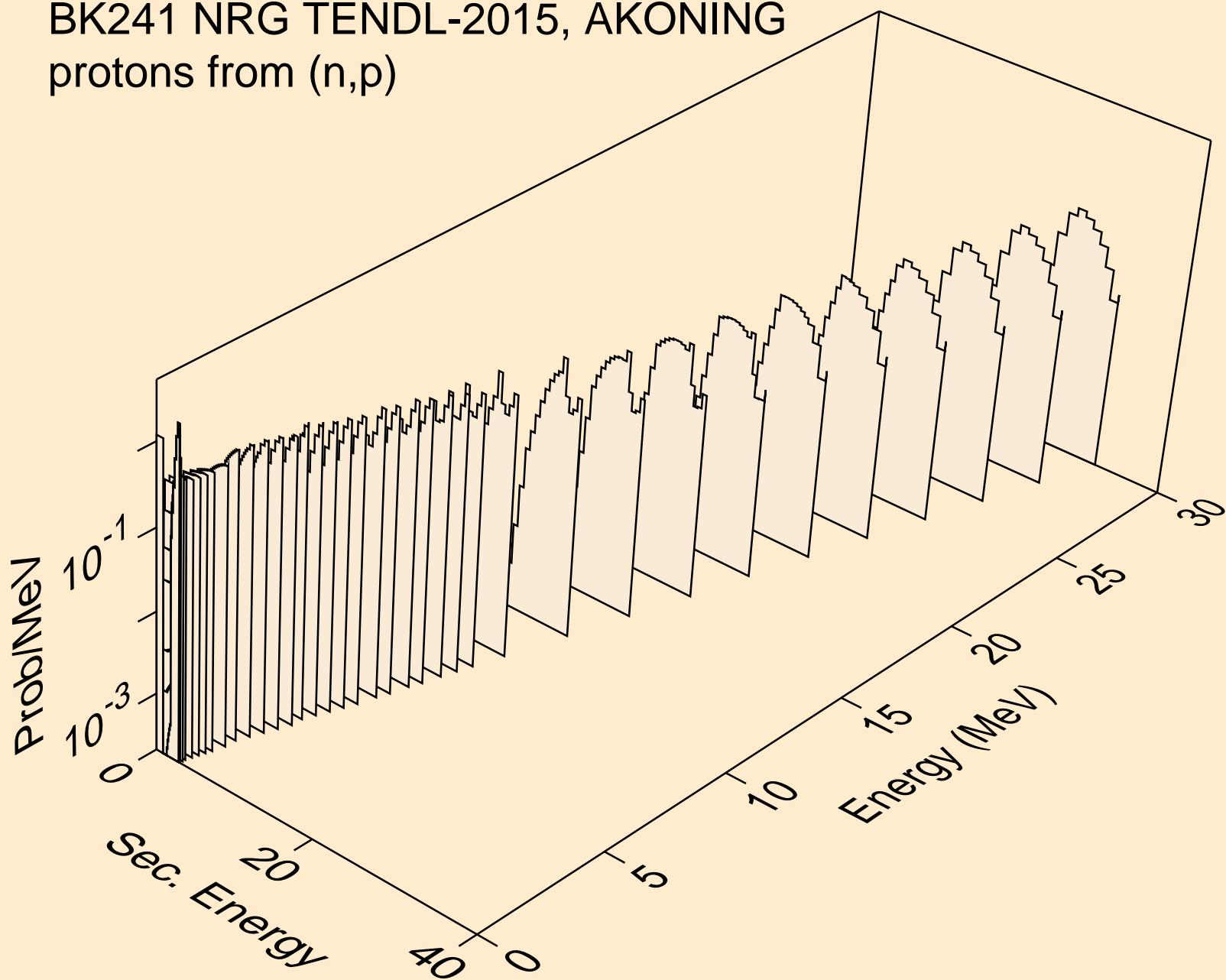
BK241 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



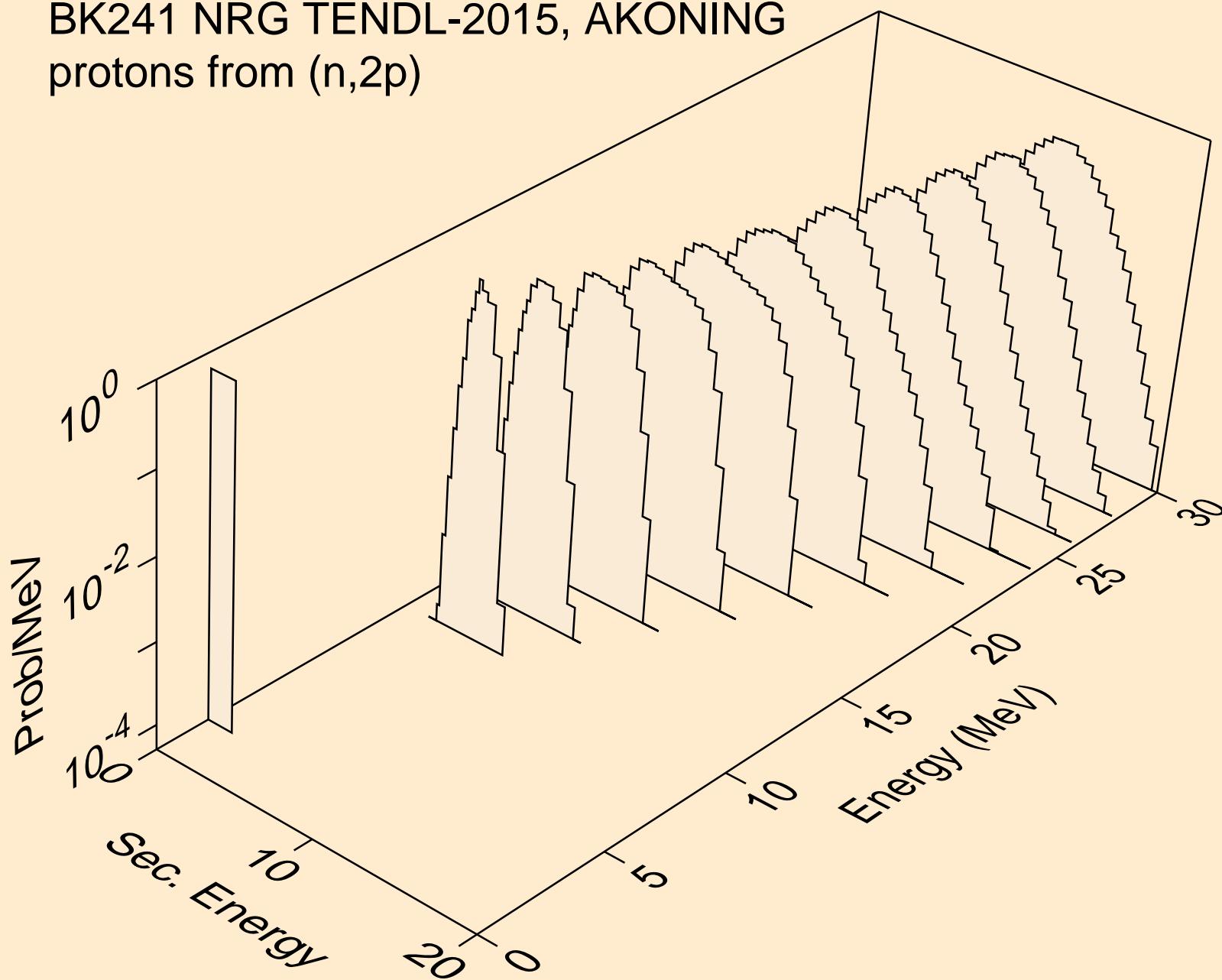
BK241 NRG TENDL-2015, AKONING  
protons from (n,npa)



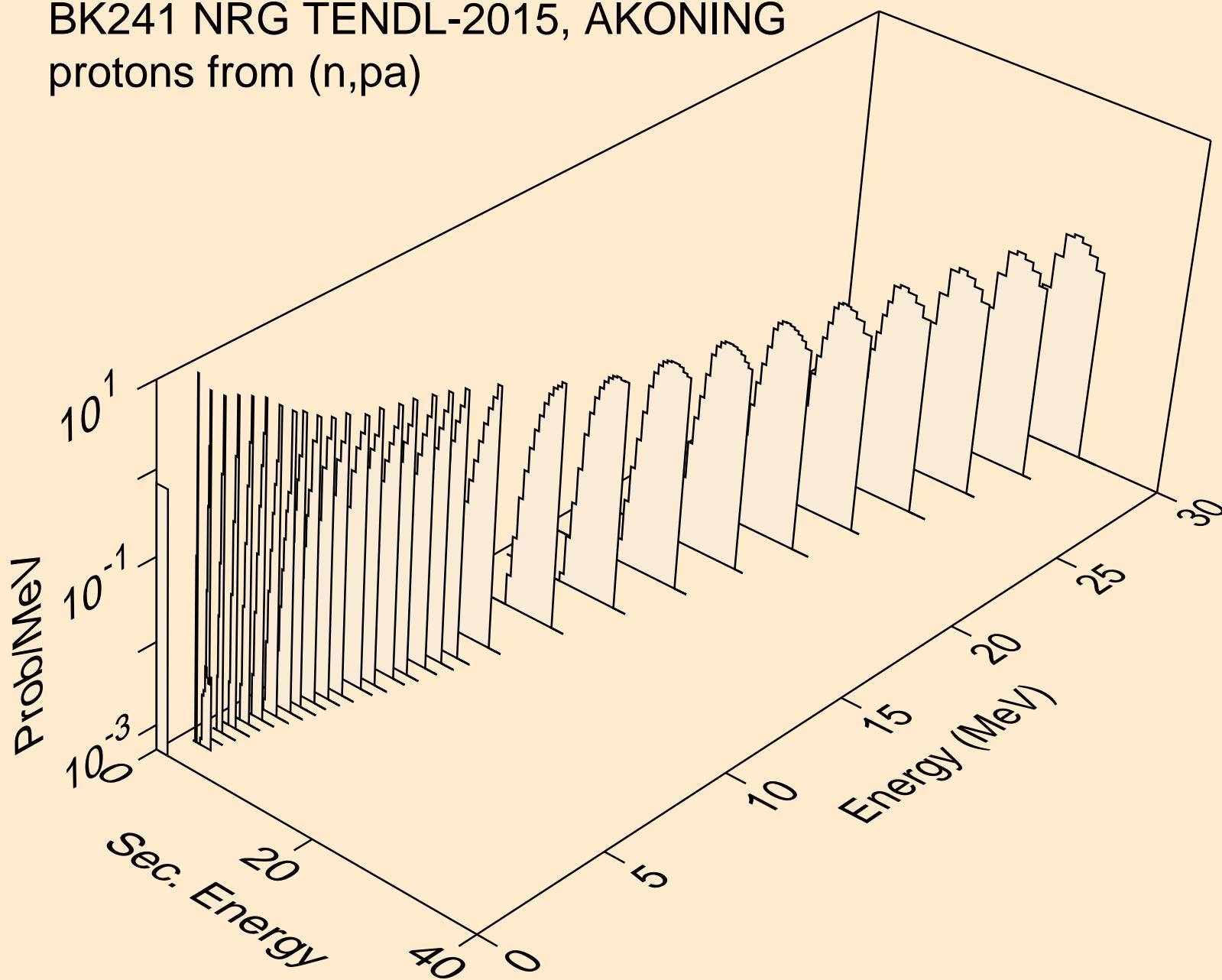
BK241 NRG TENDL-2015, AKONING  
protons from (n,p)



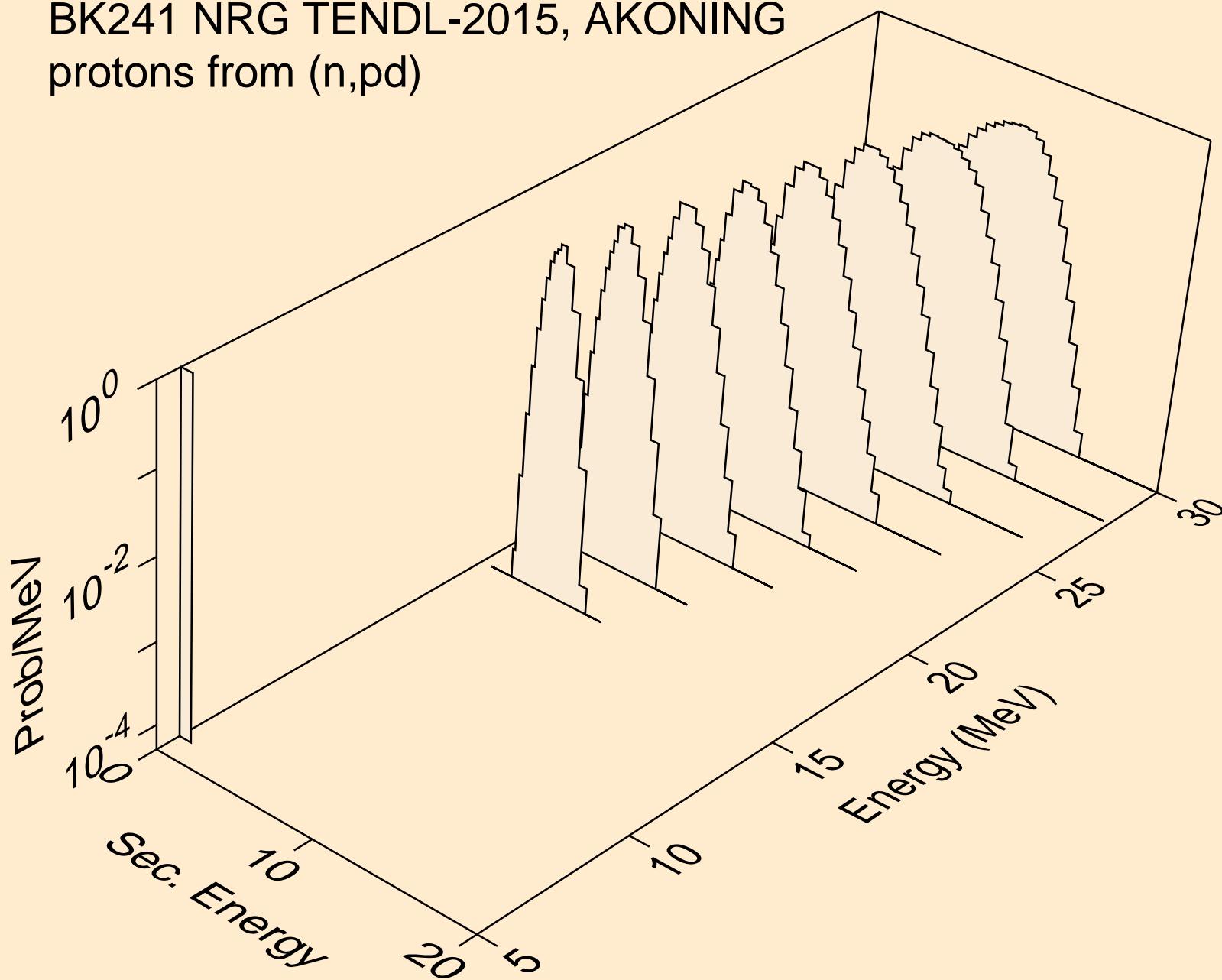
BK241 NRG TENDL-2015, AKONING  
protons from ( $n,2p$ )



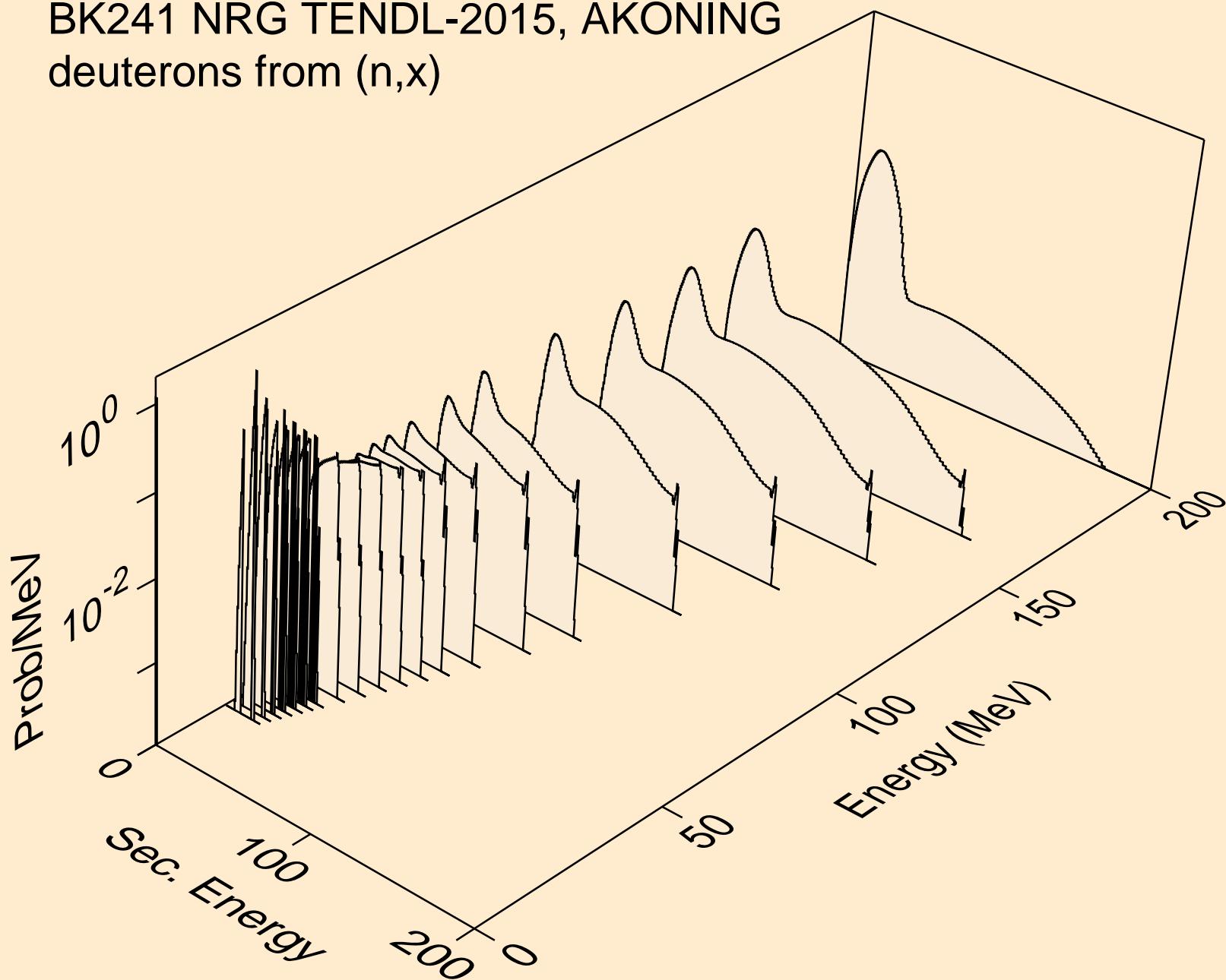
BK241 NRG TENDL-2015, AKONING  
protons from (n,pa)



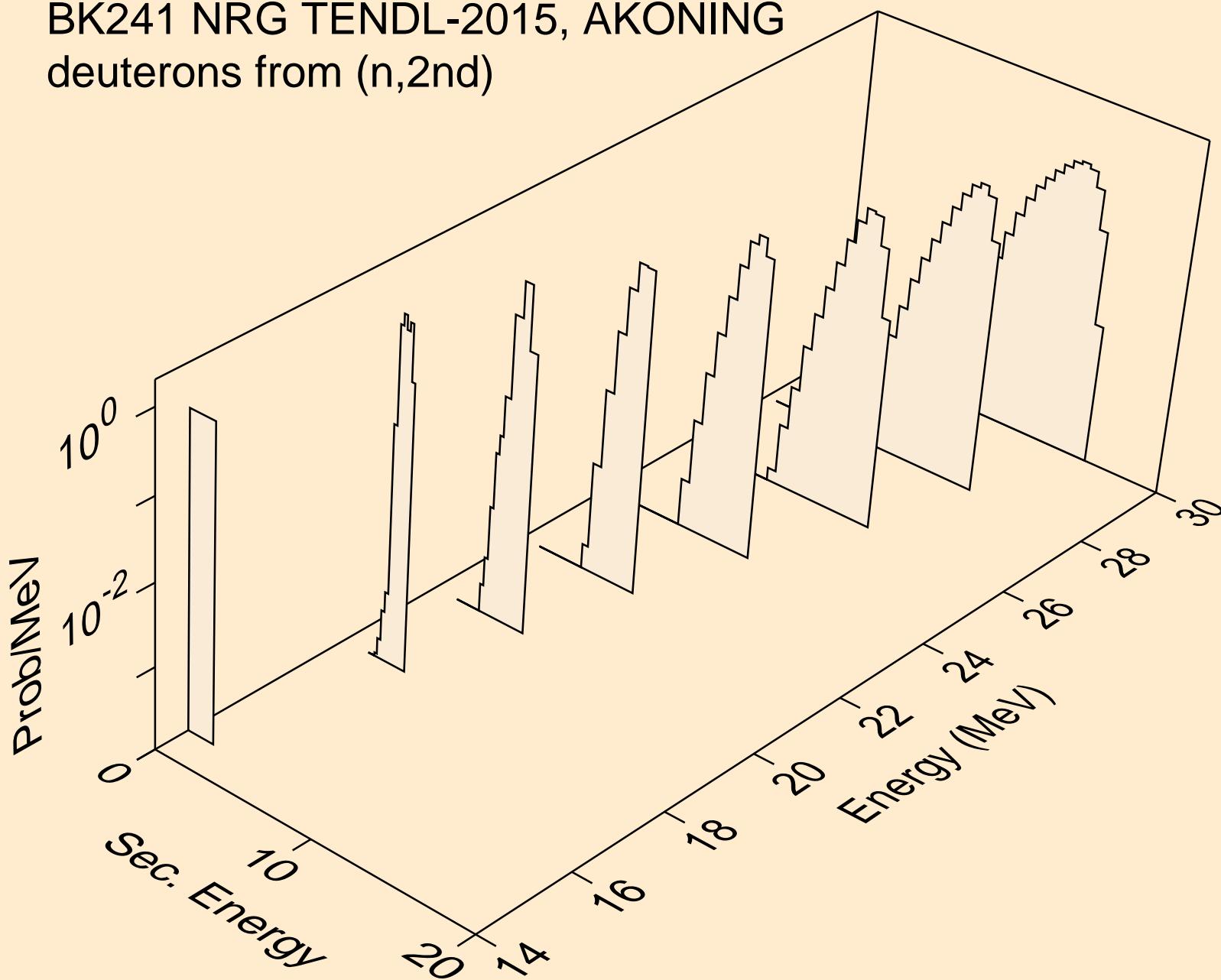
BK241 NRG TENDL-2015, AKONING  
protons from (n,pd)



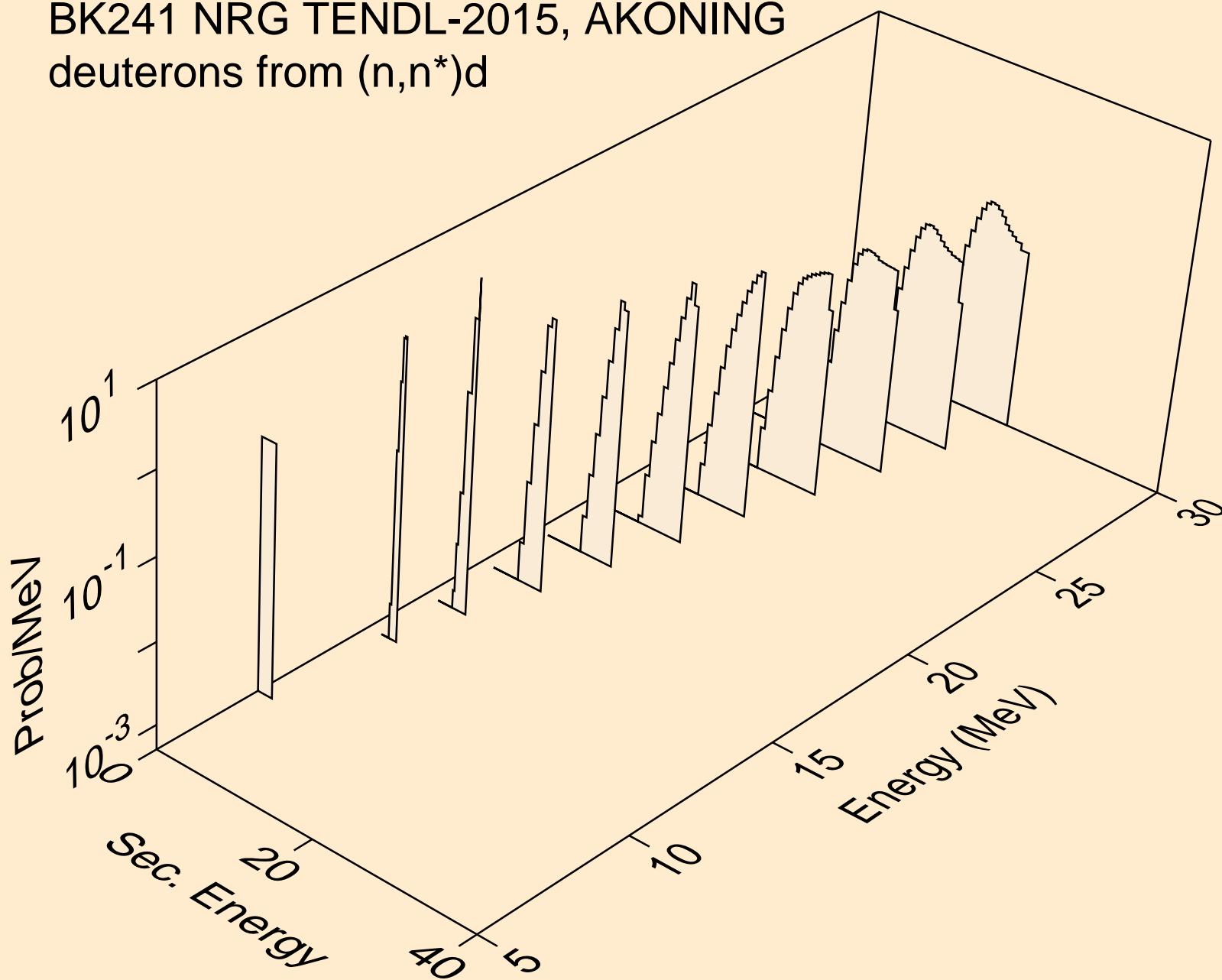
BK241 NRG TENDL-2015, AKONING  
deuterons from ( $n, x$ )



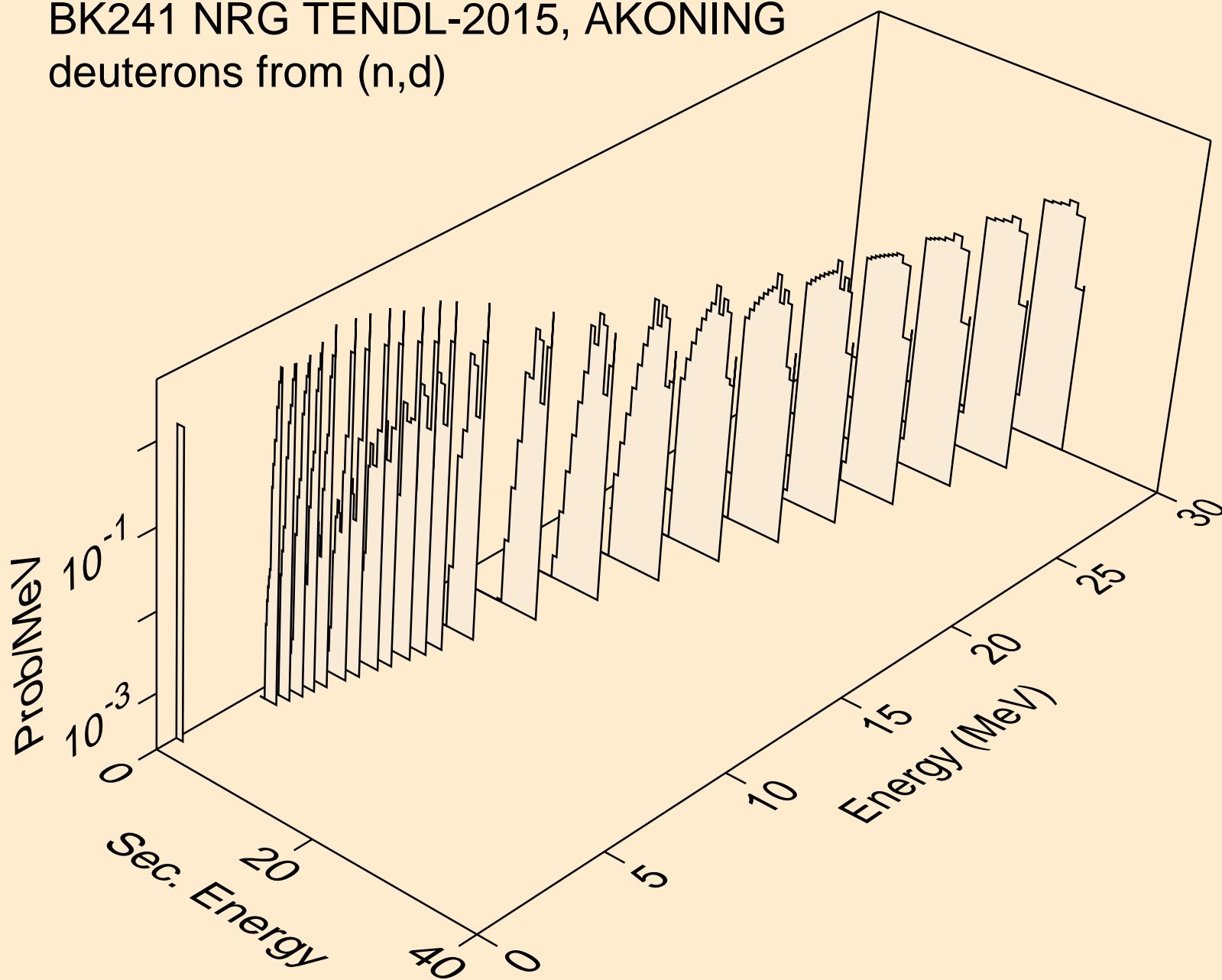
BK241 NRG TENDL-2015, AKONING  
deuterons from ( $n,2nd$ )



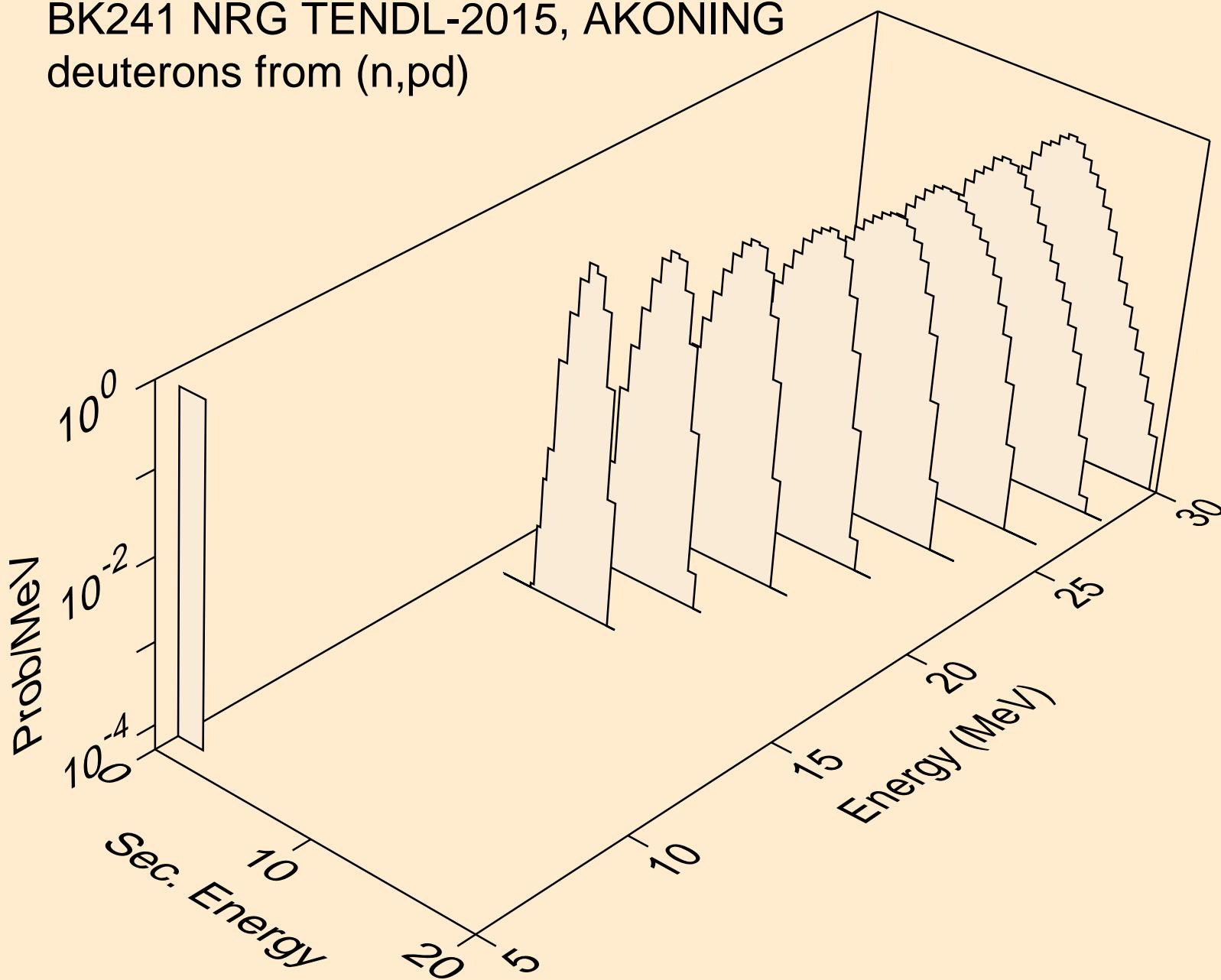
BK241 NRG TENDL-2015, AKONING  
deuterons from  $(n,n^*)d$



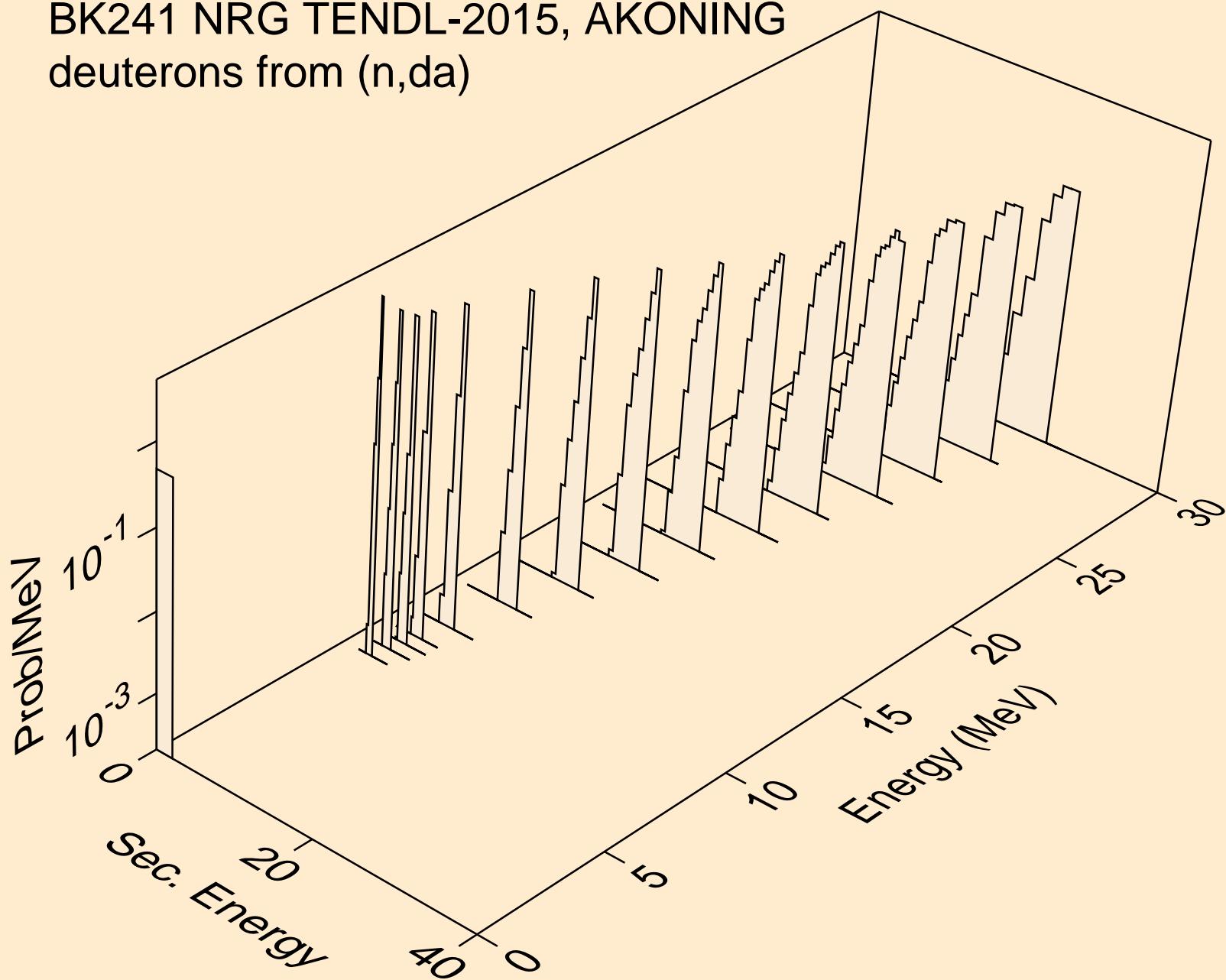
BK241 NRG TENDL-2015, AKONING  
deuterons from ( $n, d$ )



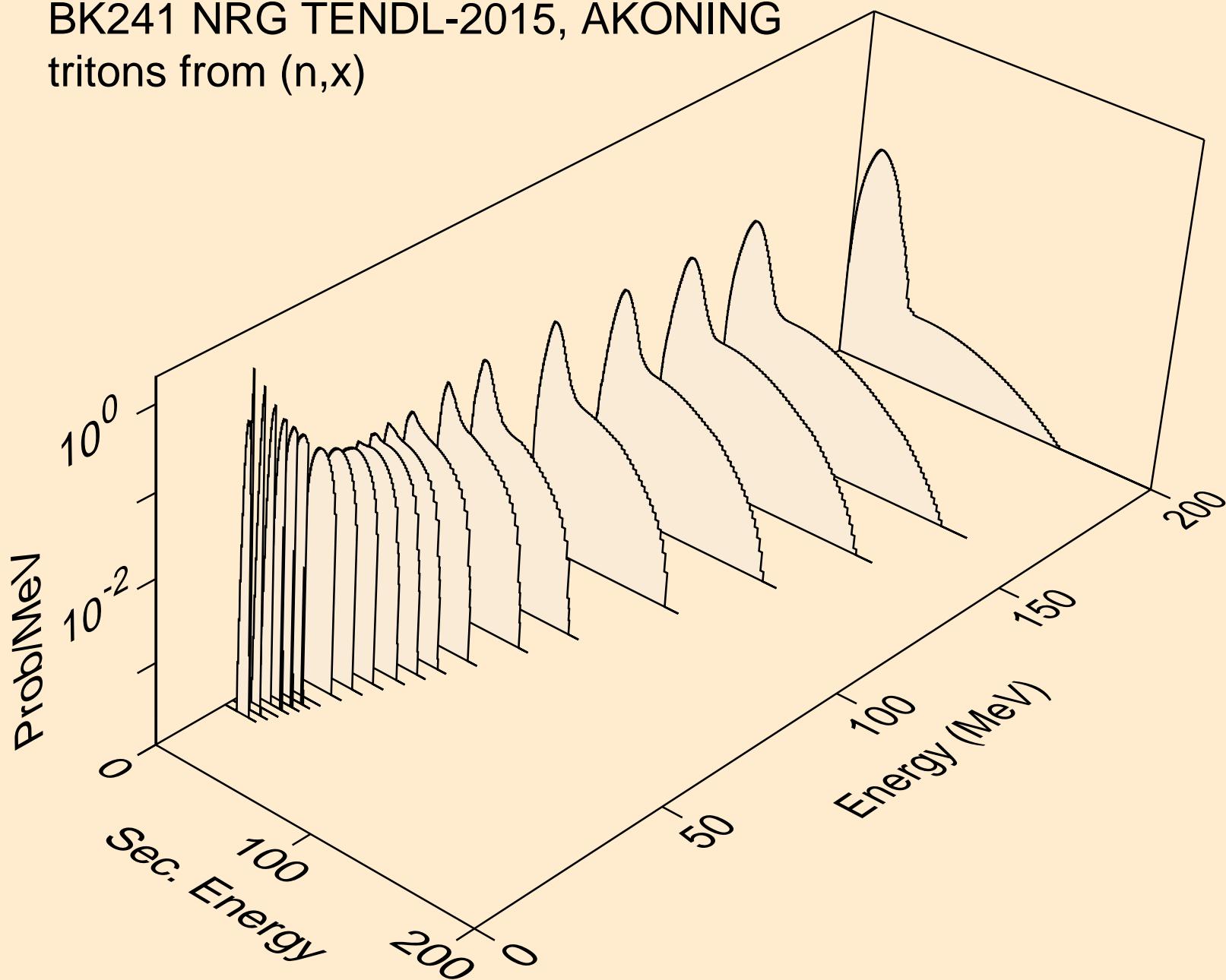
BK241 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



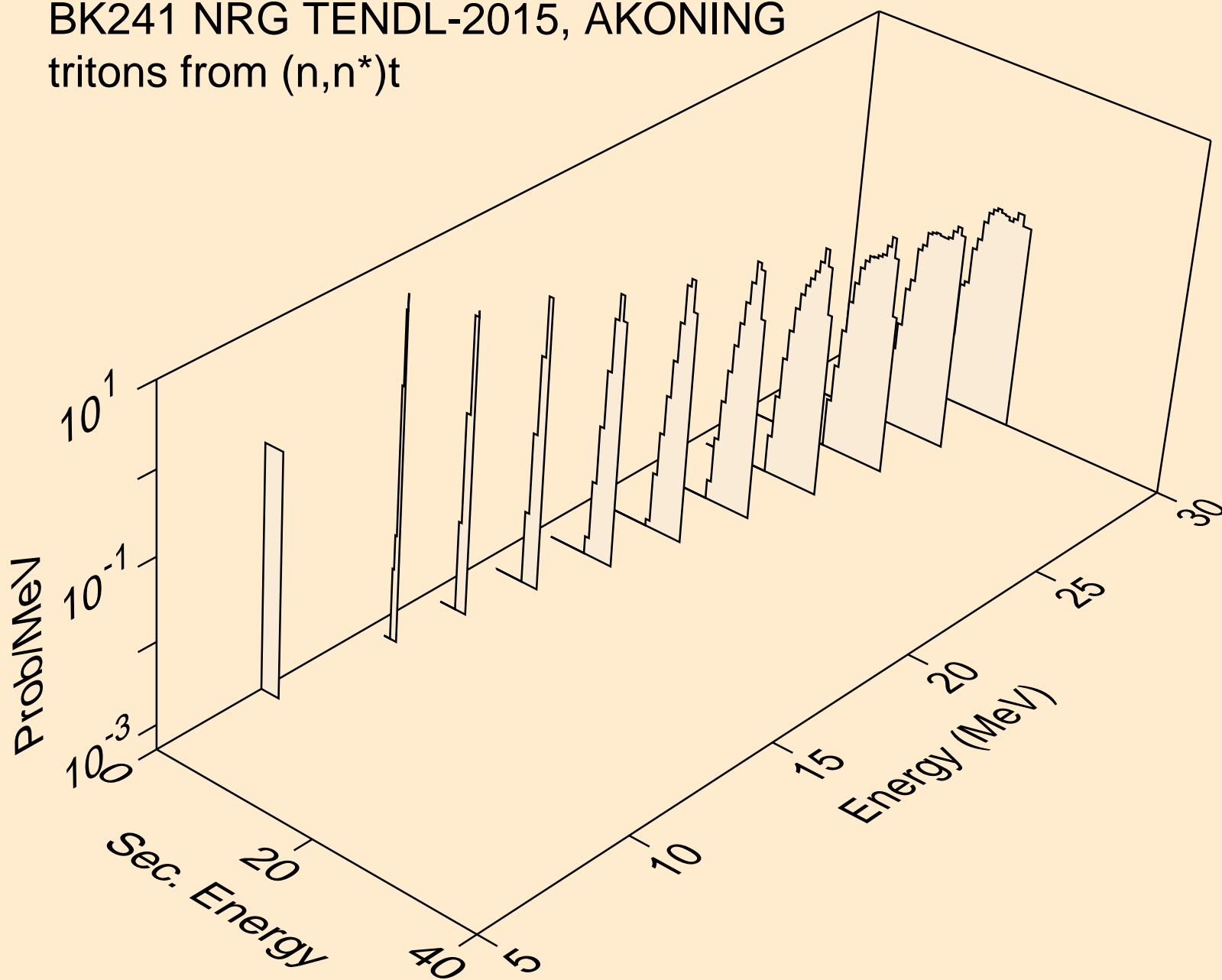
BK241 NRG TENDL-2015, AKONING  
deuterons from (n,da)



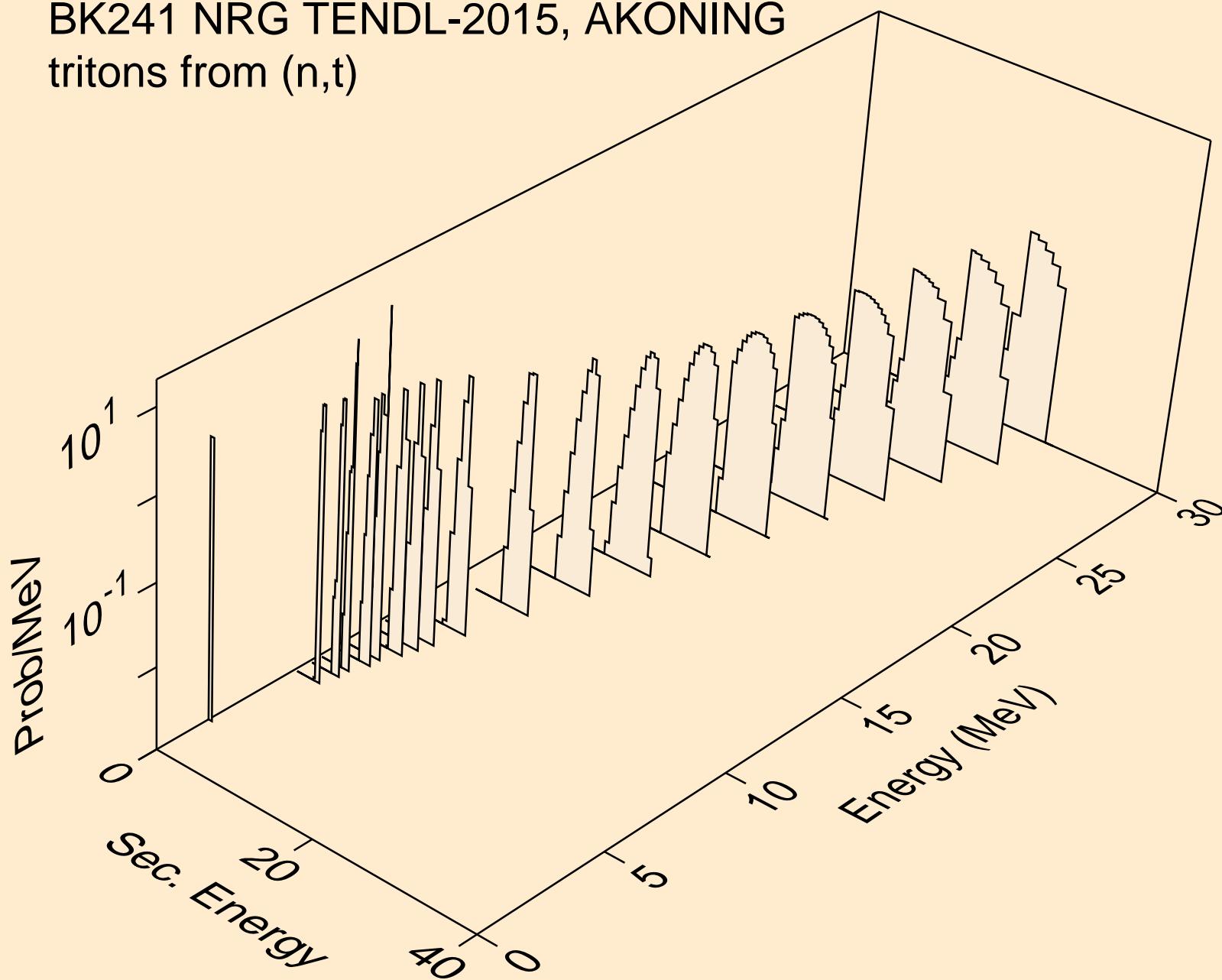
BK241 NRG TENDL-2015, AKONING  
tritons from ( $n,x$ )



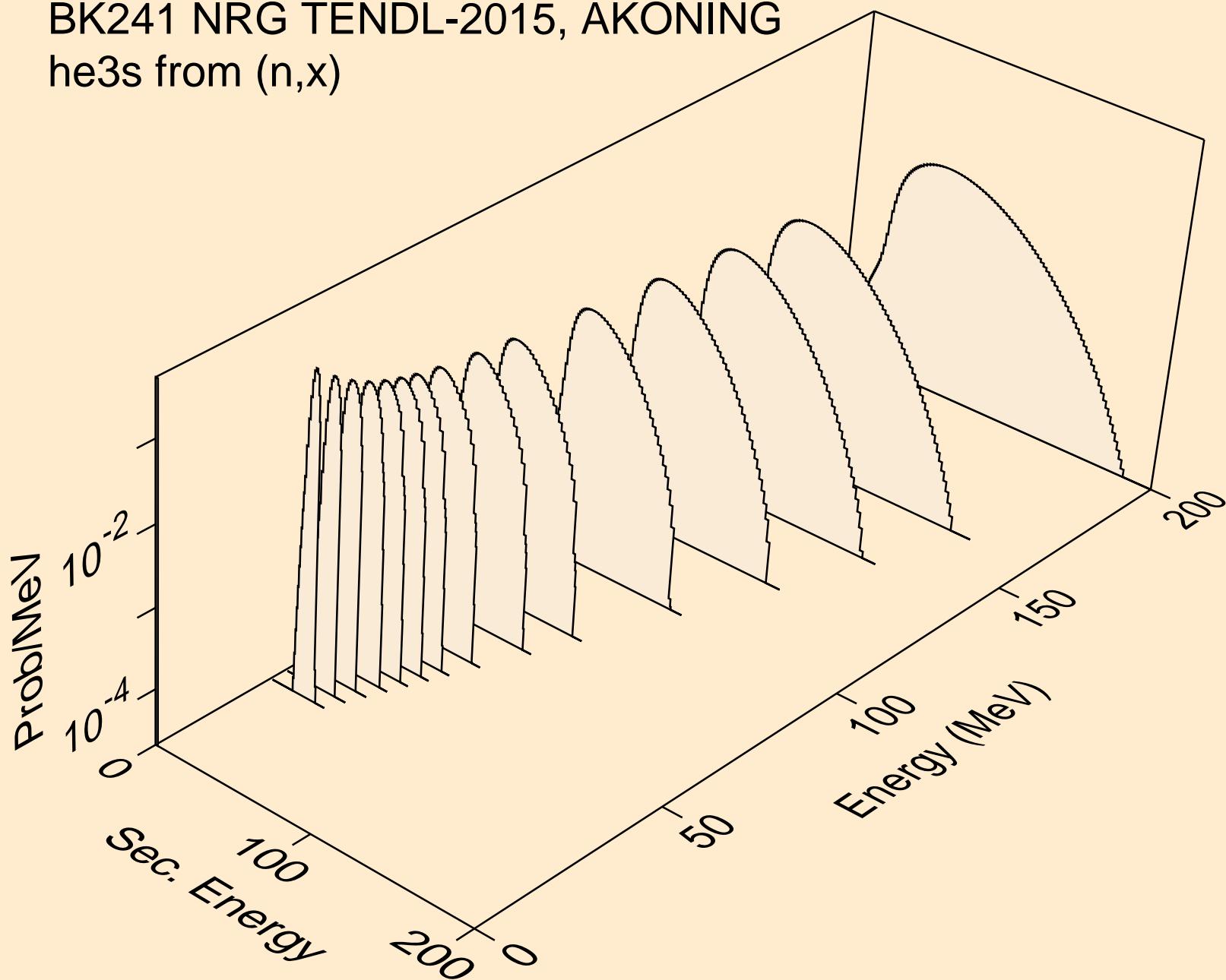
BK241 NRG TENDL-2015, AKONING  
tritons from  $(n,n^*)t$



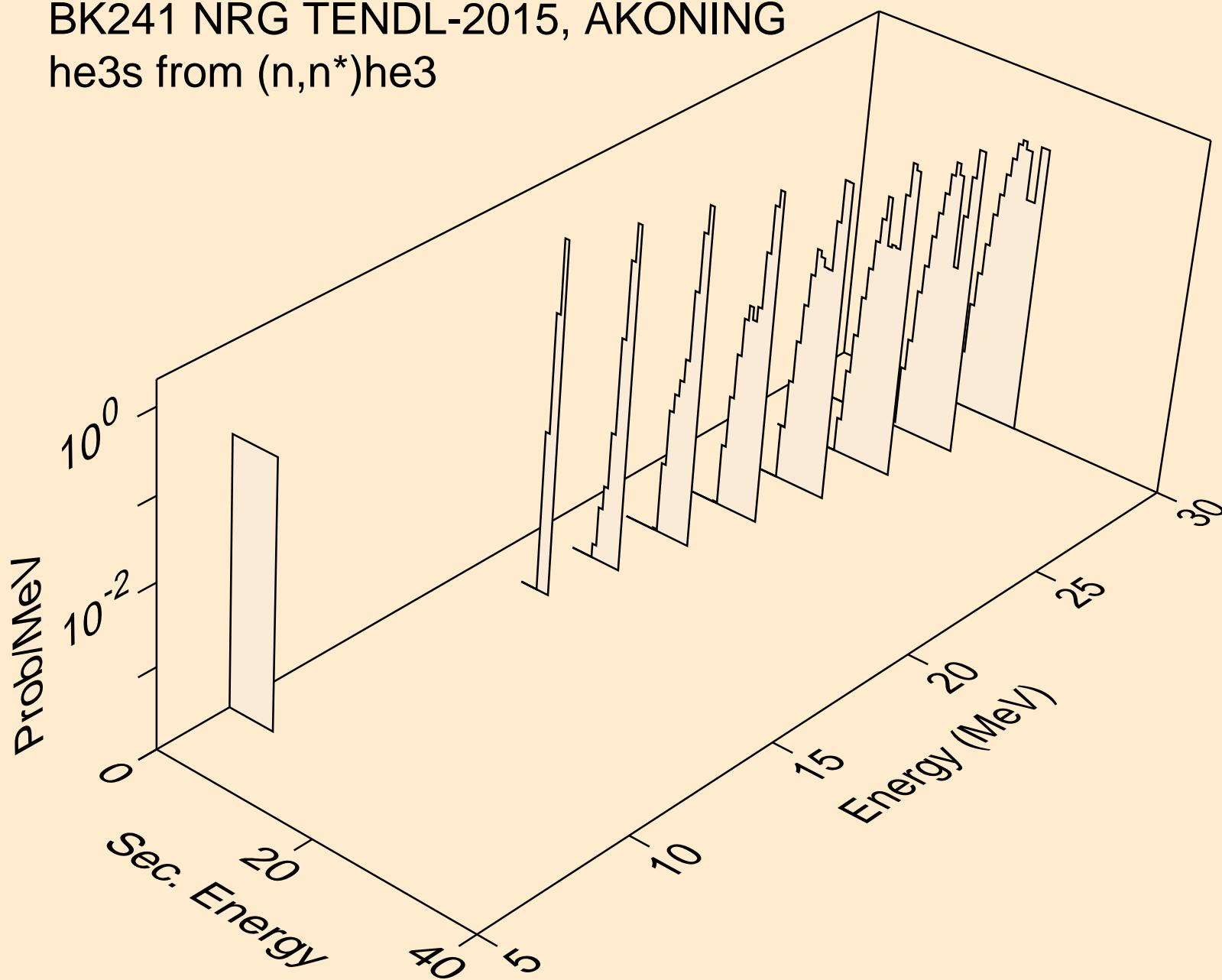
BK241 NRG TENDL-2015, AKONING  
tritons from ( $n, t$ )



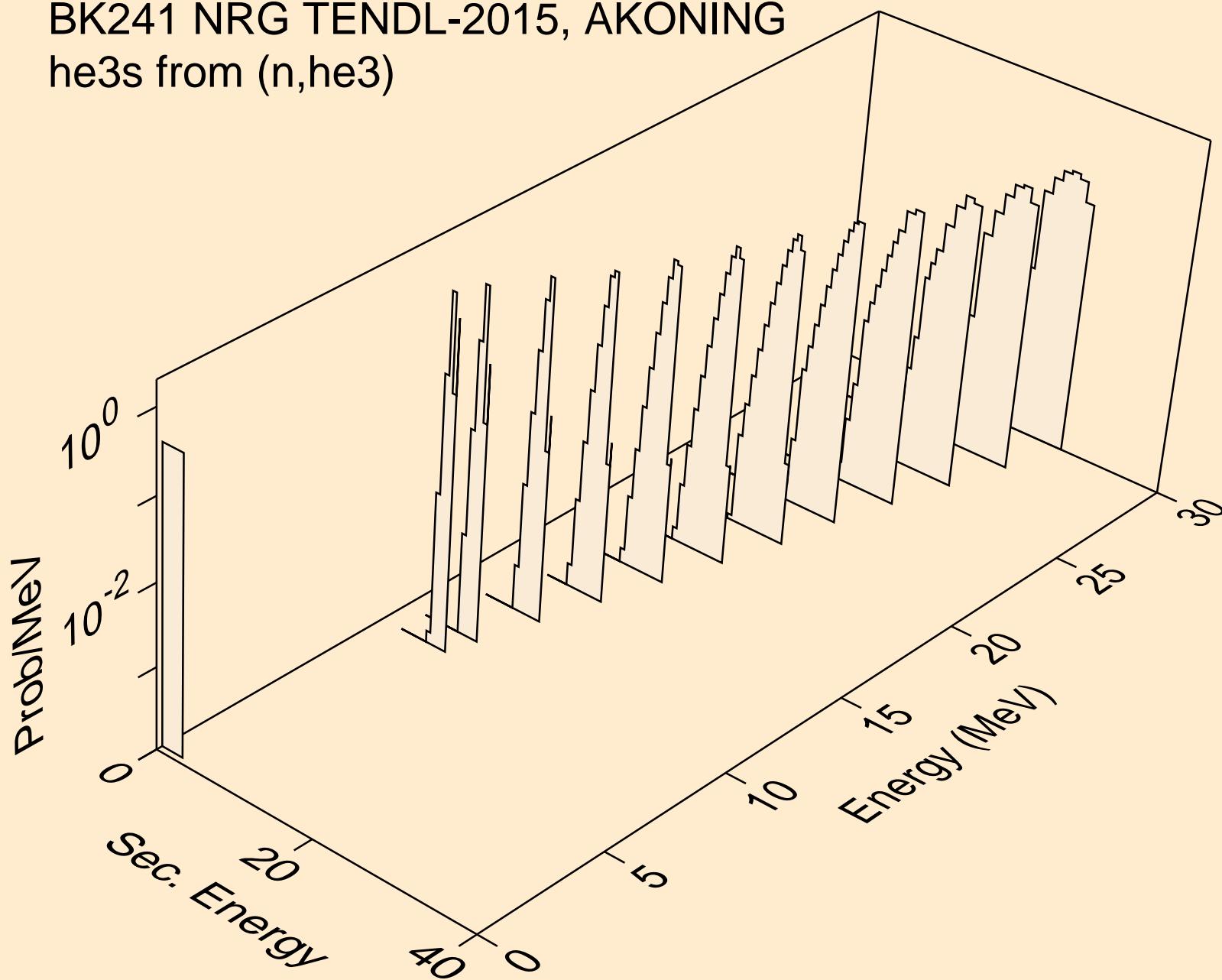
BK241 NRG TENDL-2015, AKONING  
he3s from (n,x)



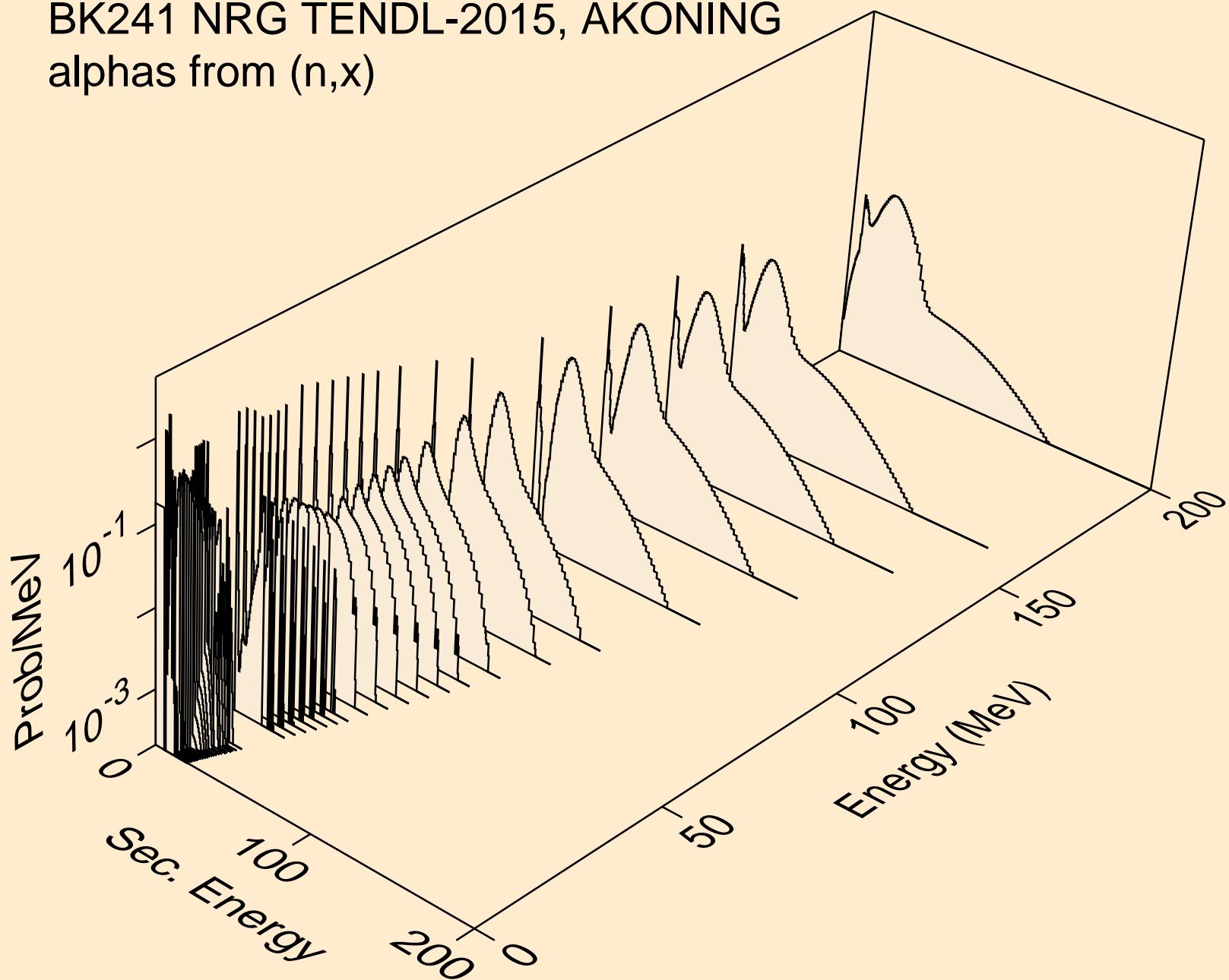
BK241 NRG TENDL-2015, AKONING  
he3s from  $(n,n^*)\text{he3}$



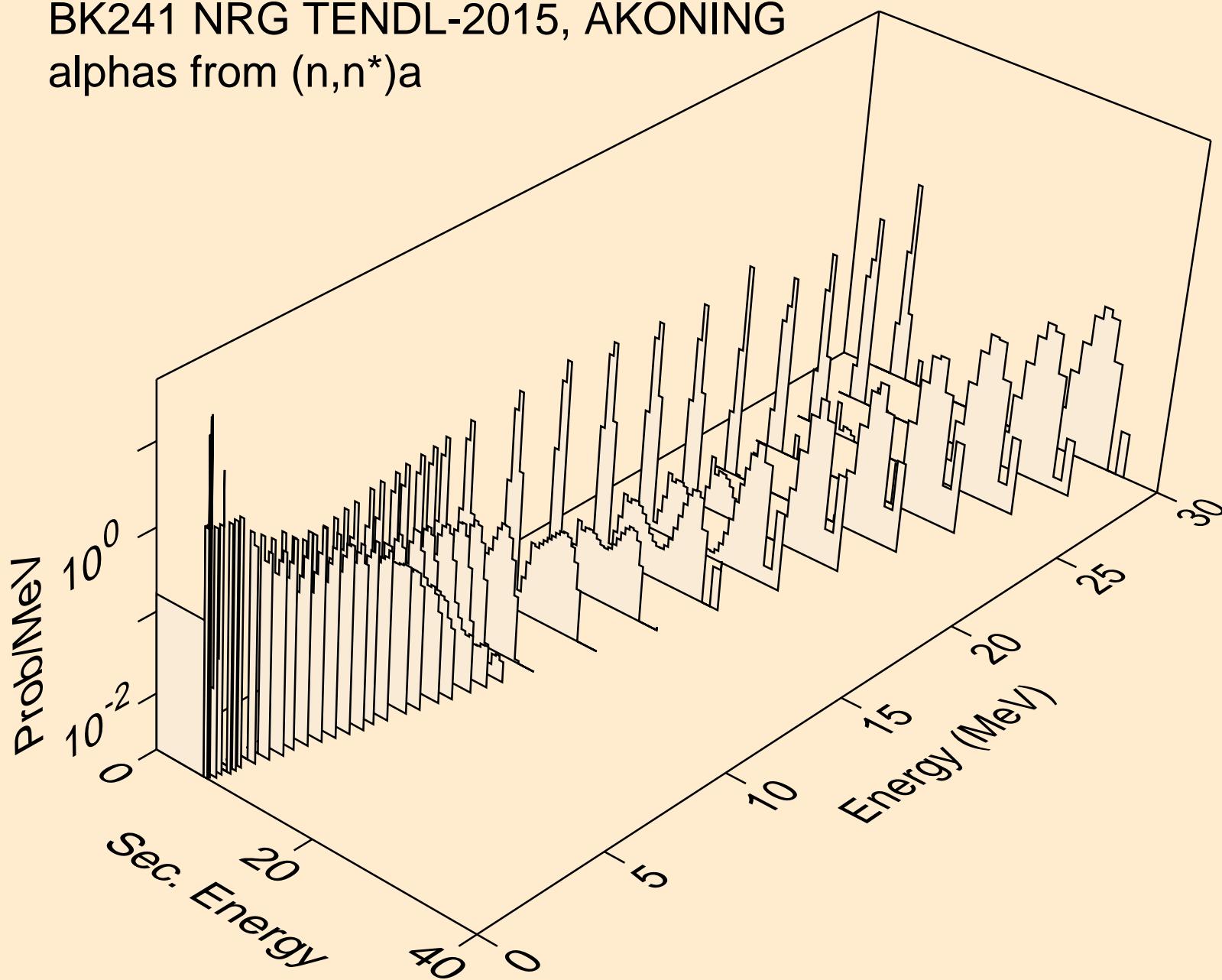
BK241 NRG TENDL-2015, AKONING  
he3s from (n,he3)



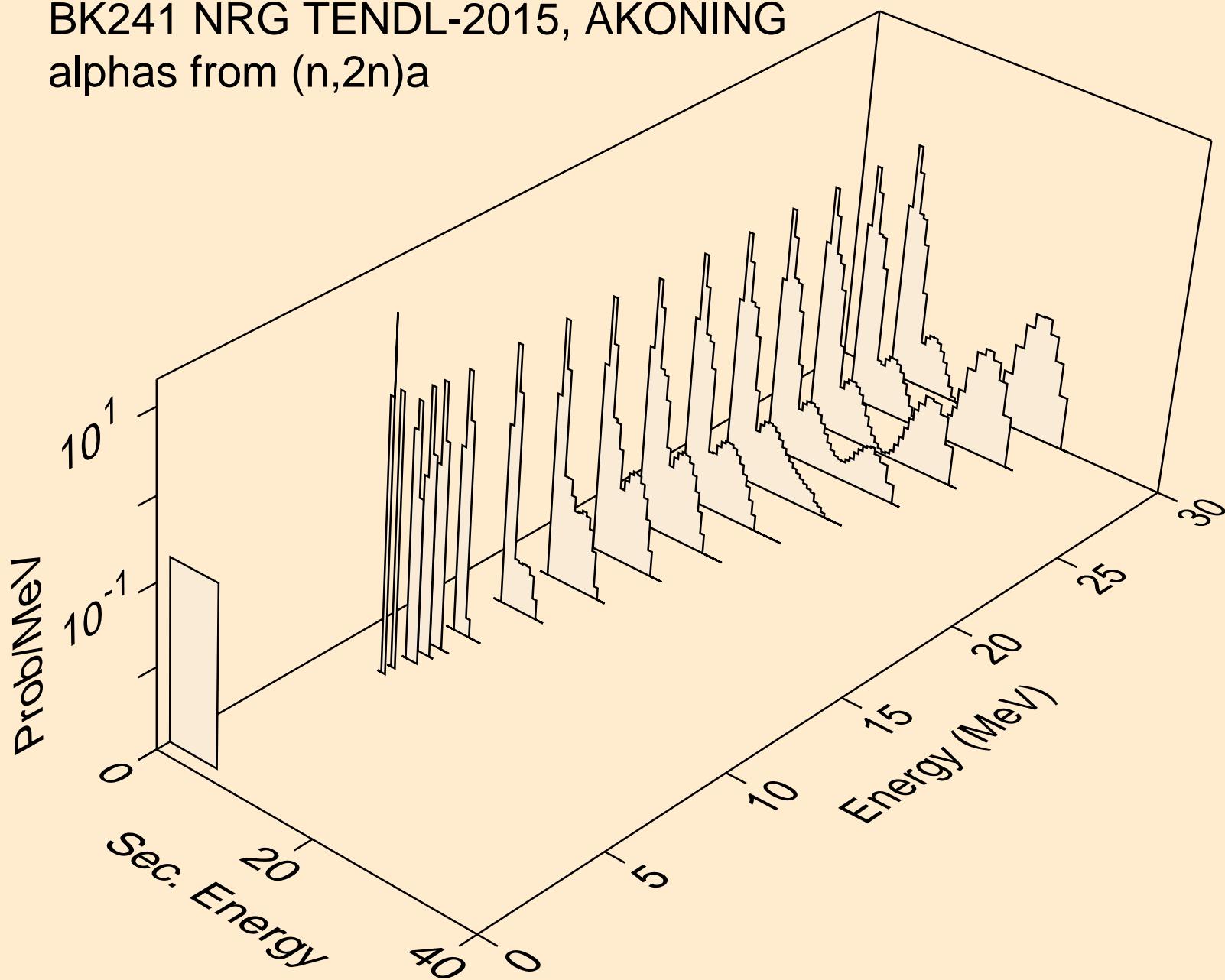
BK241 NRG TENDL-2015, AKONING  
alphas from (n,x)



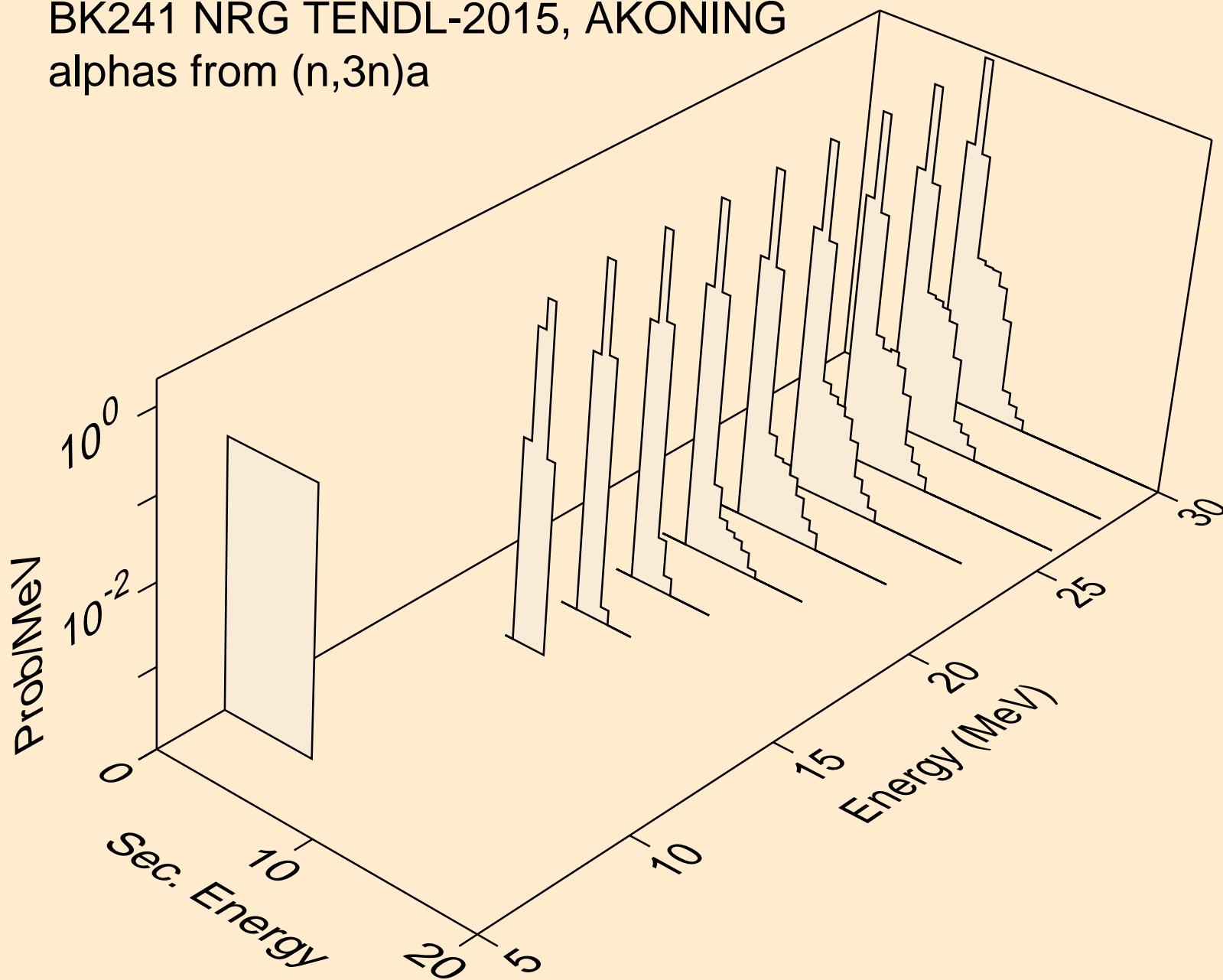
BK241 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)a$



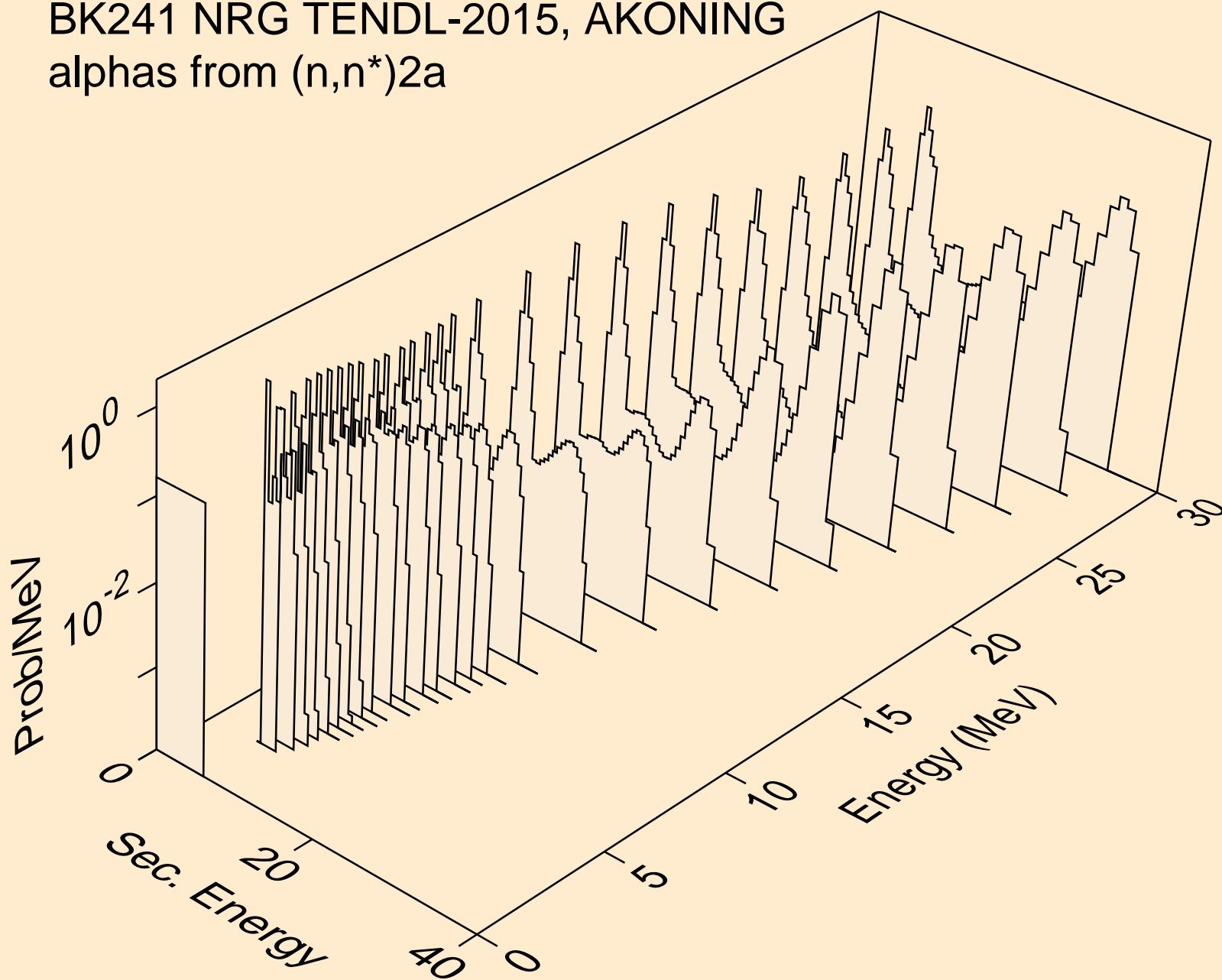
BK241 NRG TENDL-2015, AKONING  
alphas from  $(n,2n)a$



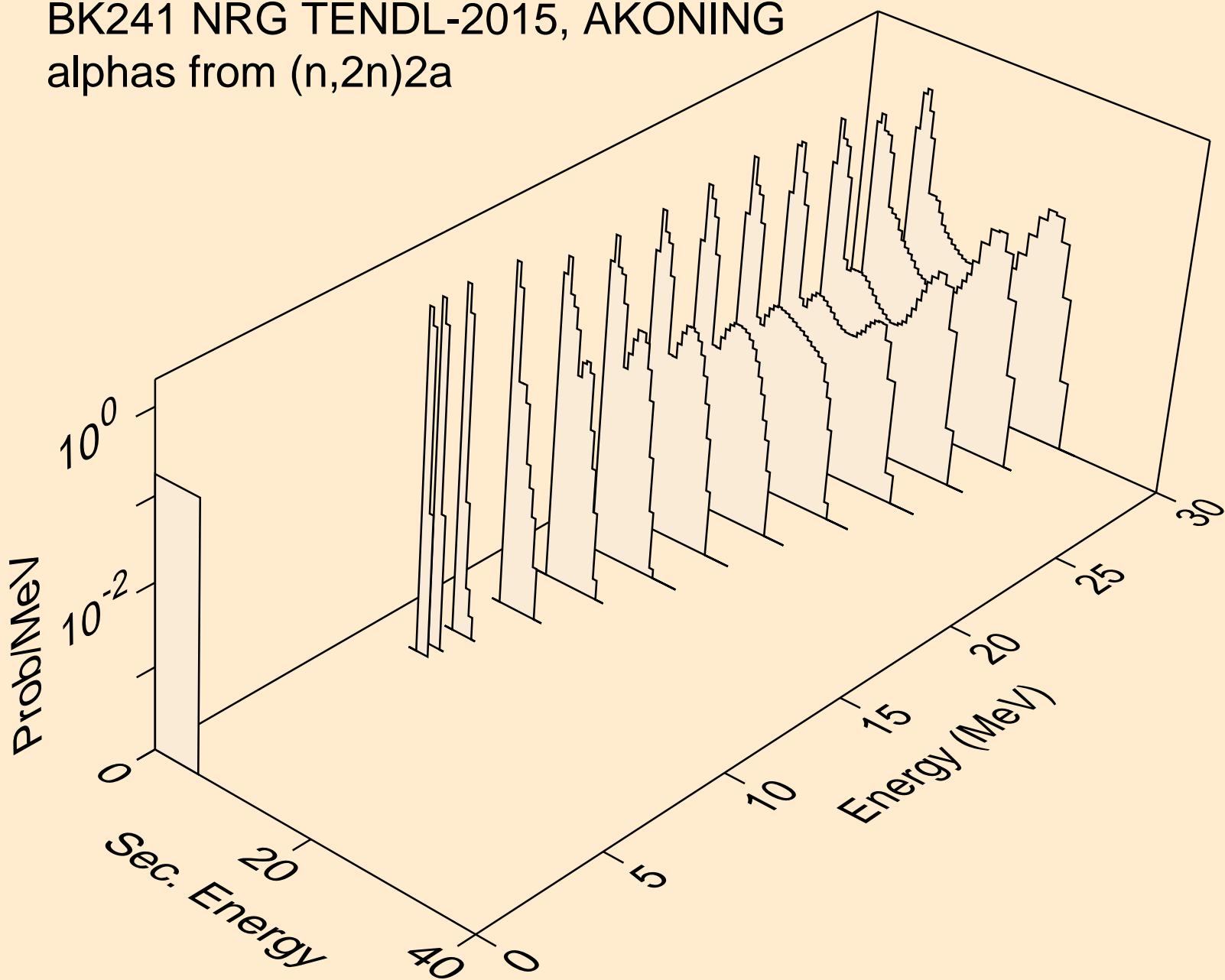
BK241 NRG TENDL-2015, AKONING  
alphas from  $(n,3n)a$



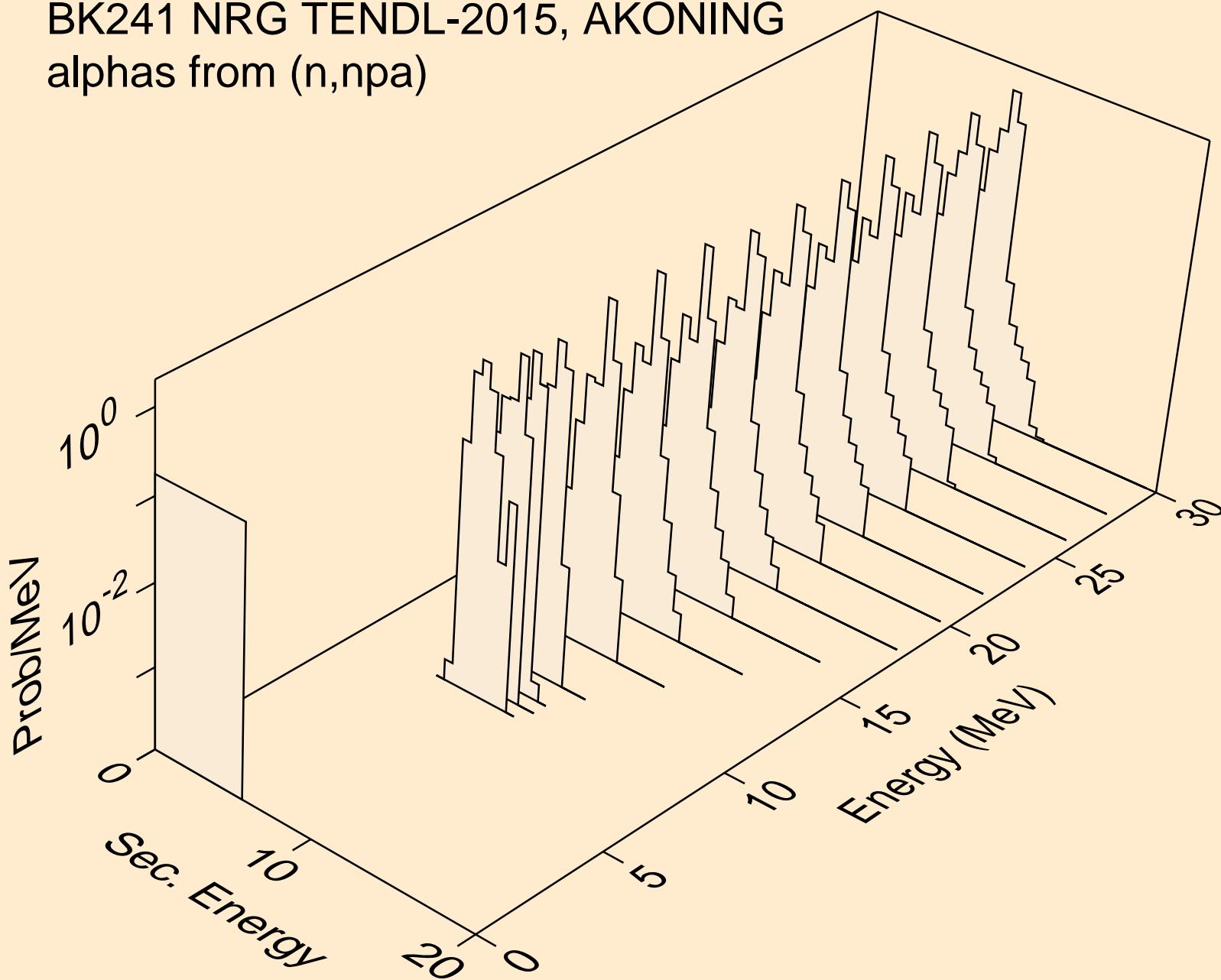
BK241 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)2a$



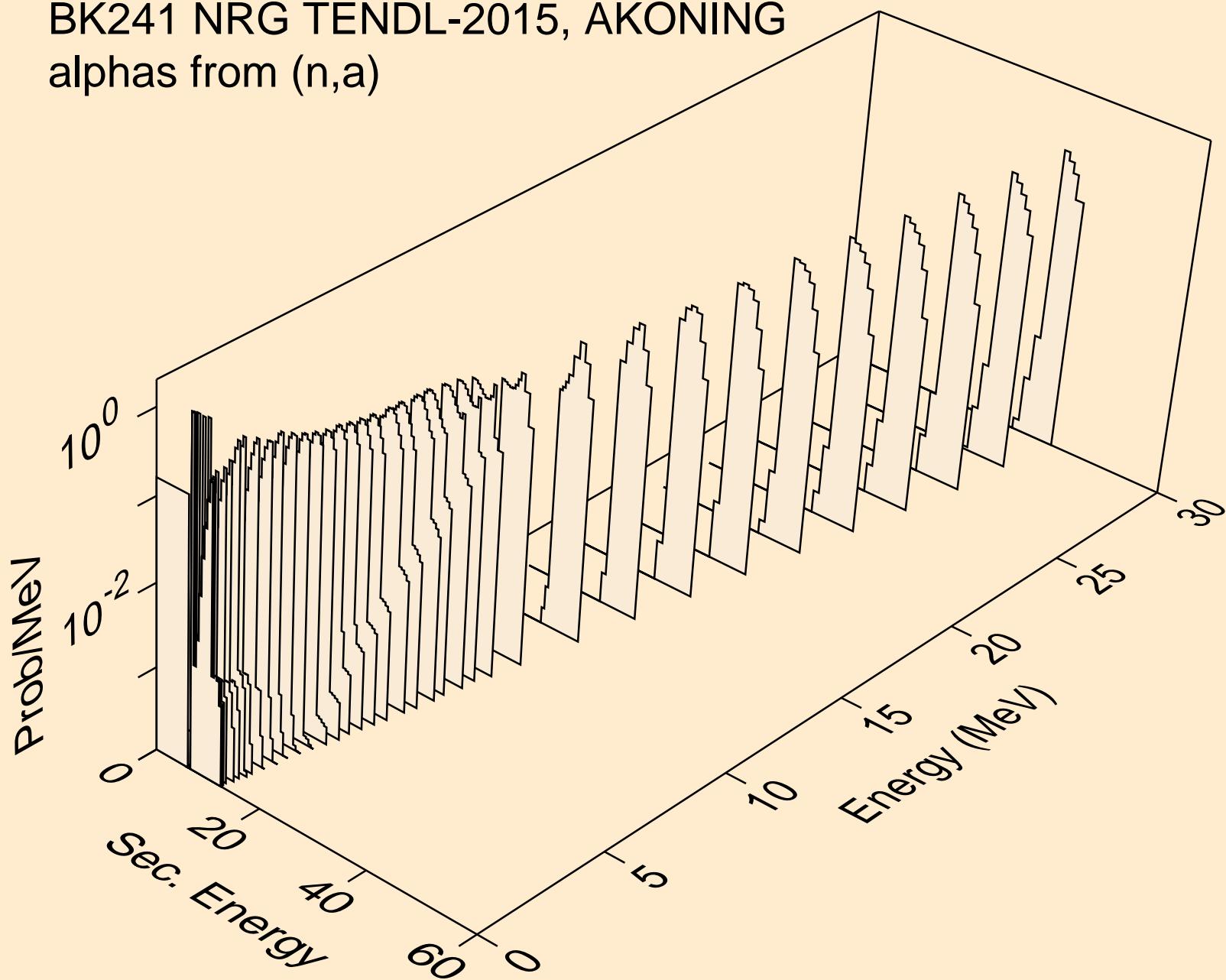
BK241 NRG TENDL-2015, AKONING  
alphas from  $(n,2n)2a$



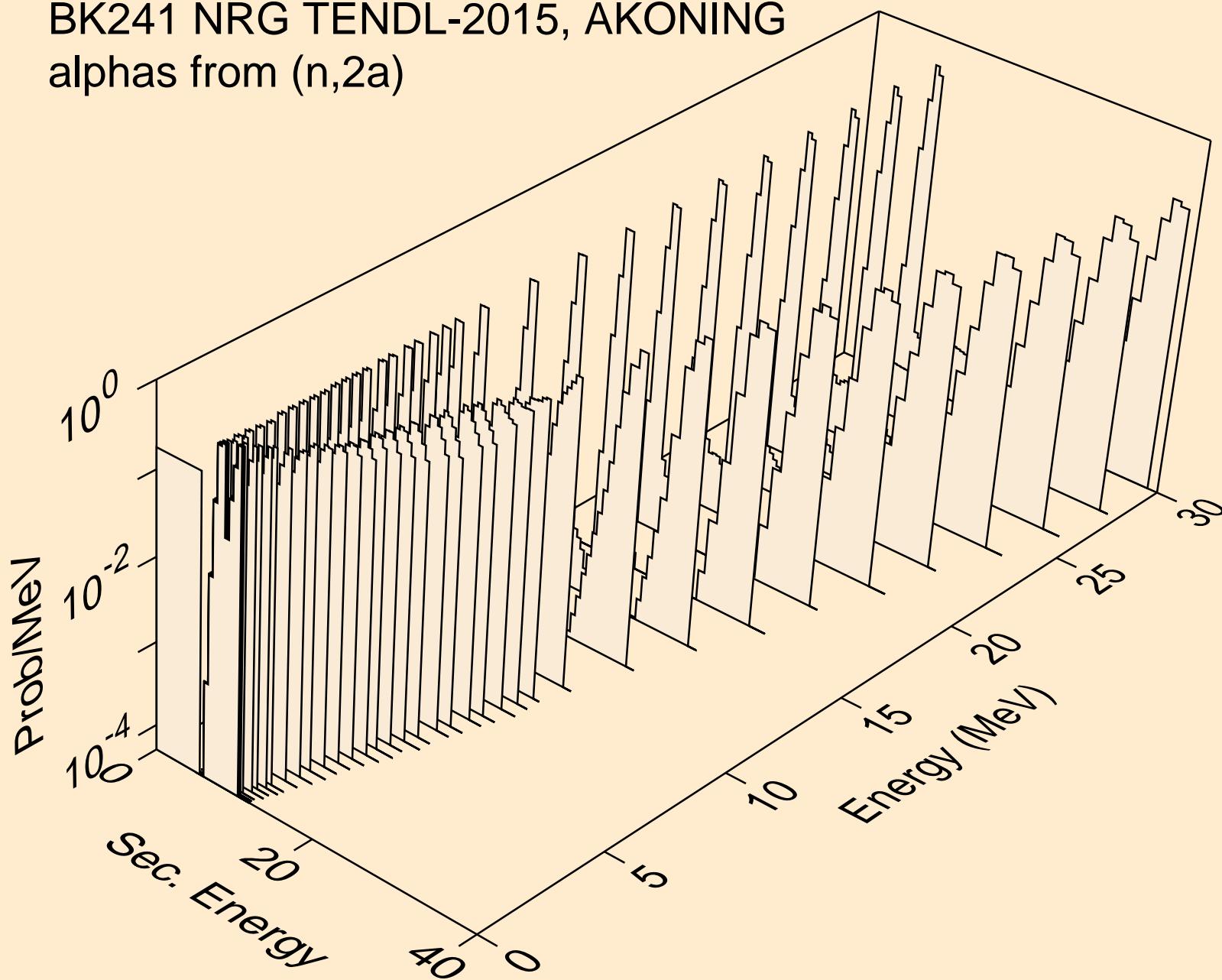
BK241 NRG TENDL-2015, AKONING  
alphas from (n,npa)



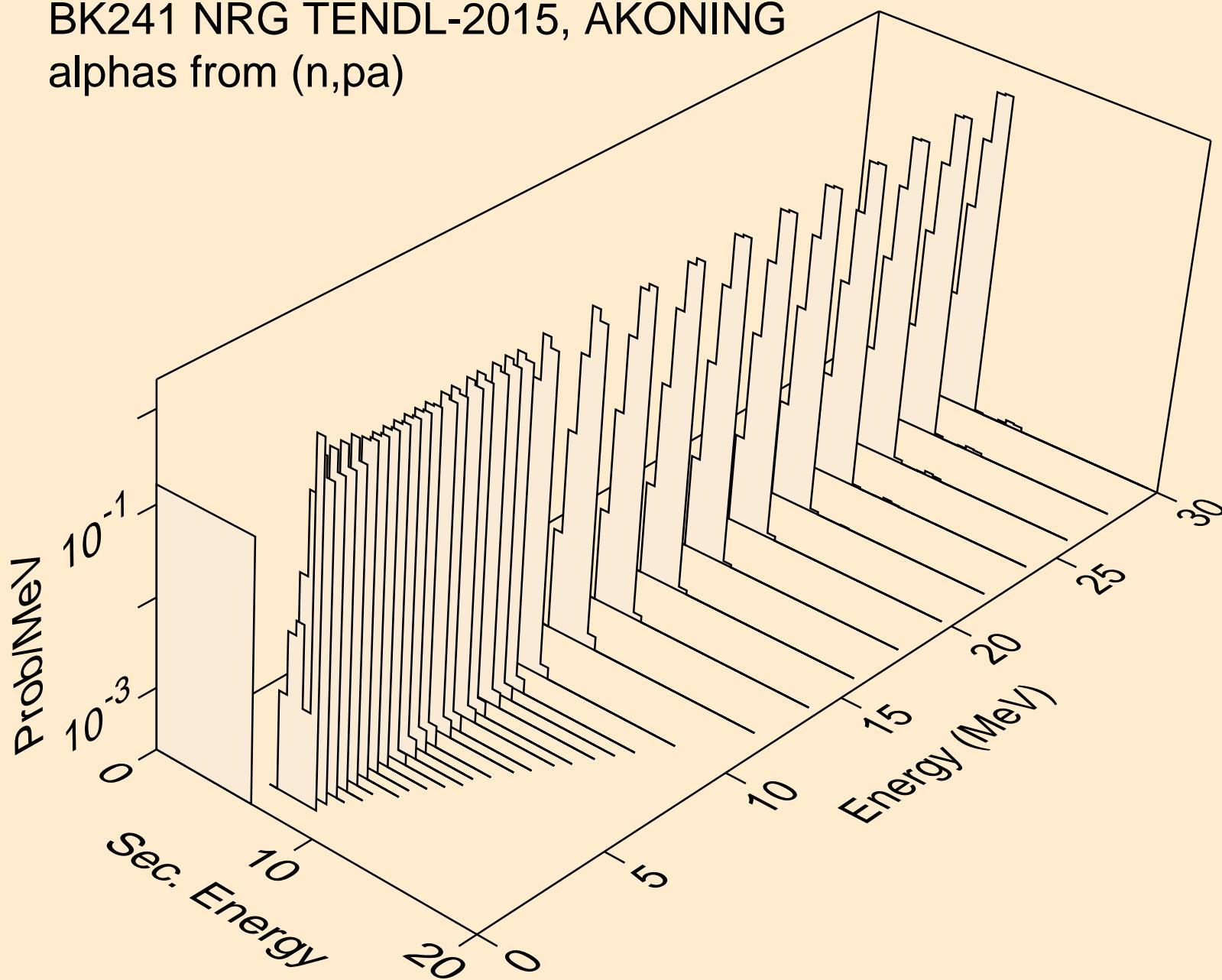
BK241 NRG TENDL-2015, AKONING  
alphas from (n,a)



BK241 NRG TENDL-2015, AKONING  
alphas from (n,2a)



BK241 NRG TENDL-2015, AKONING  
alphas from (n,pa)



BK241 NRG TENDL-2015, AKONING  
alphas from (n,da)

