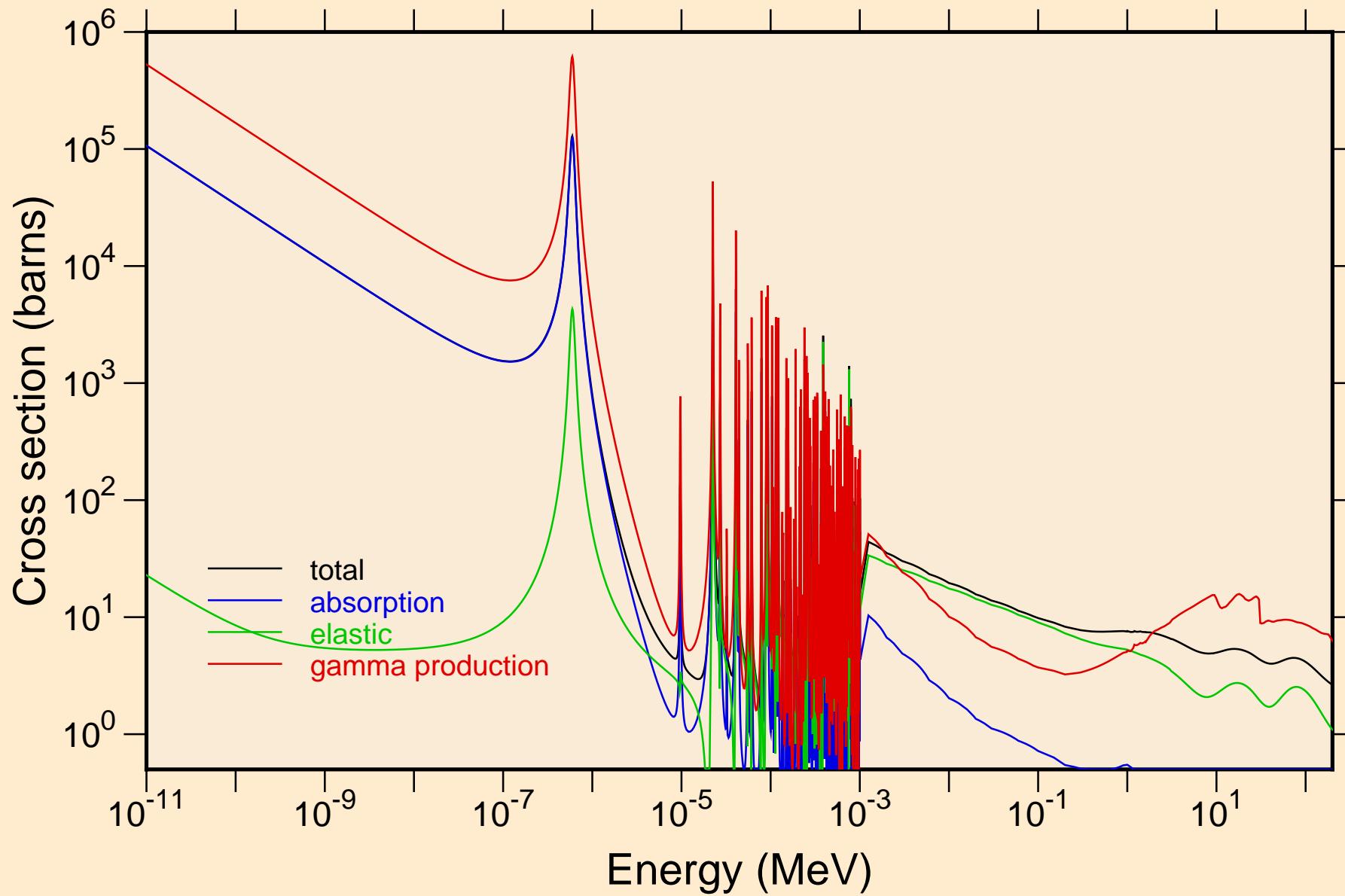
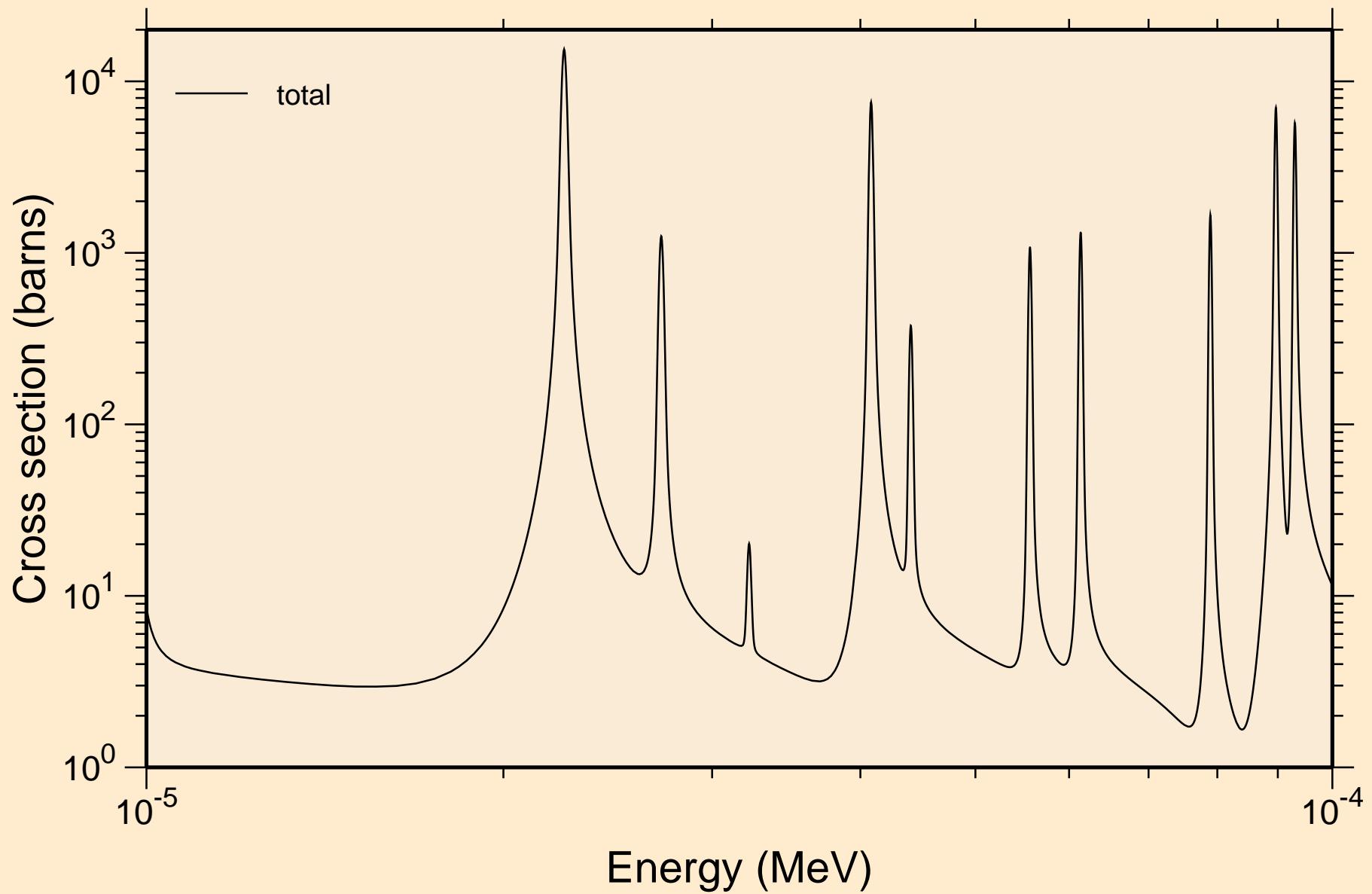


# YB168 NRG TENDL-2015, AKONING

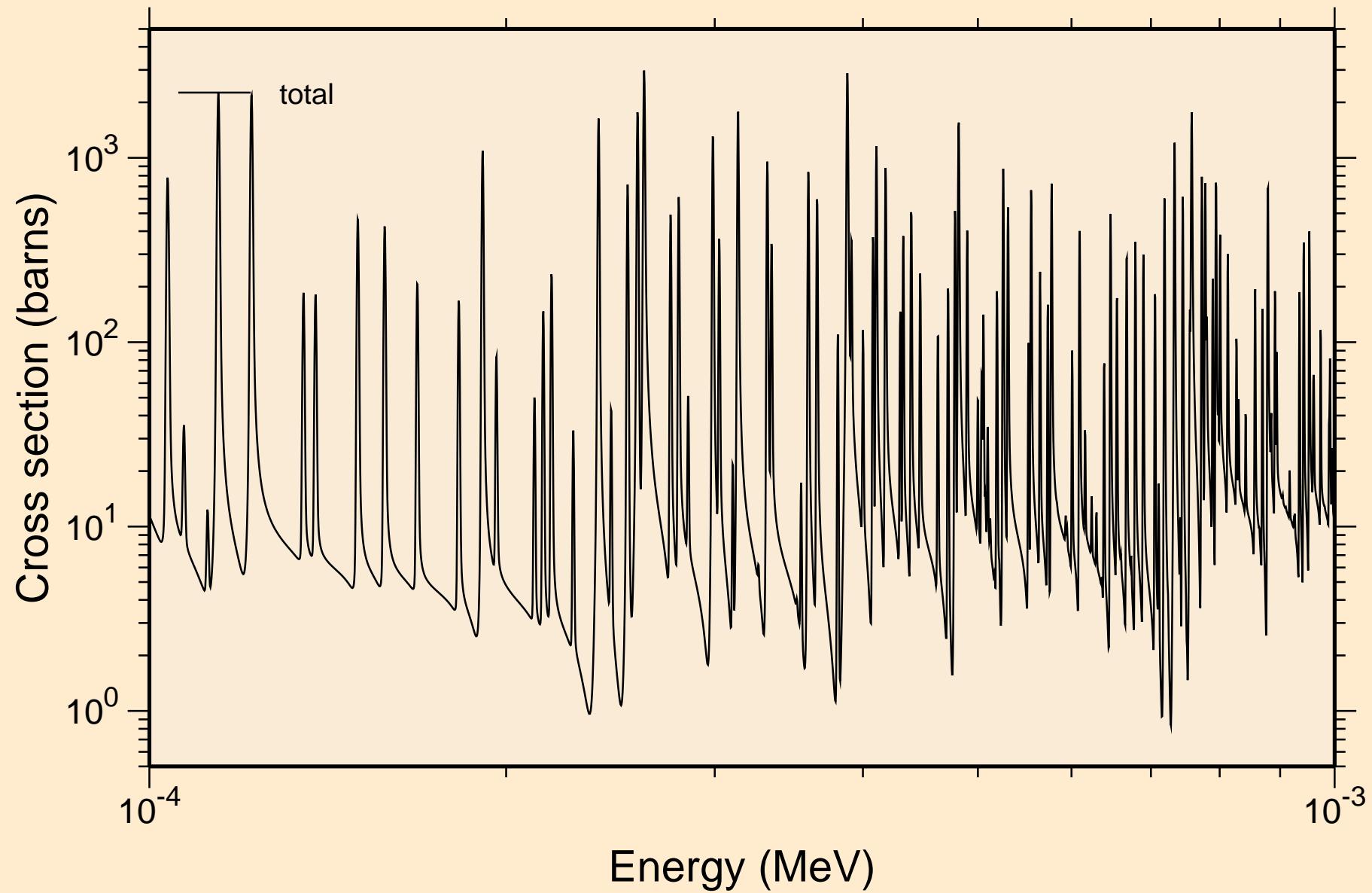
## Principal cross sections



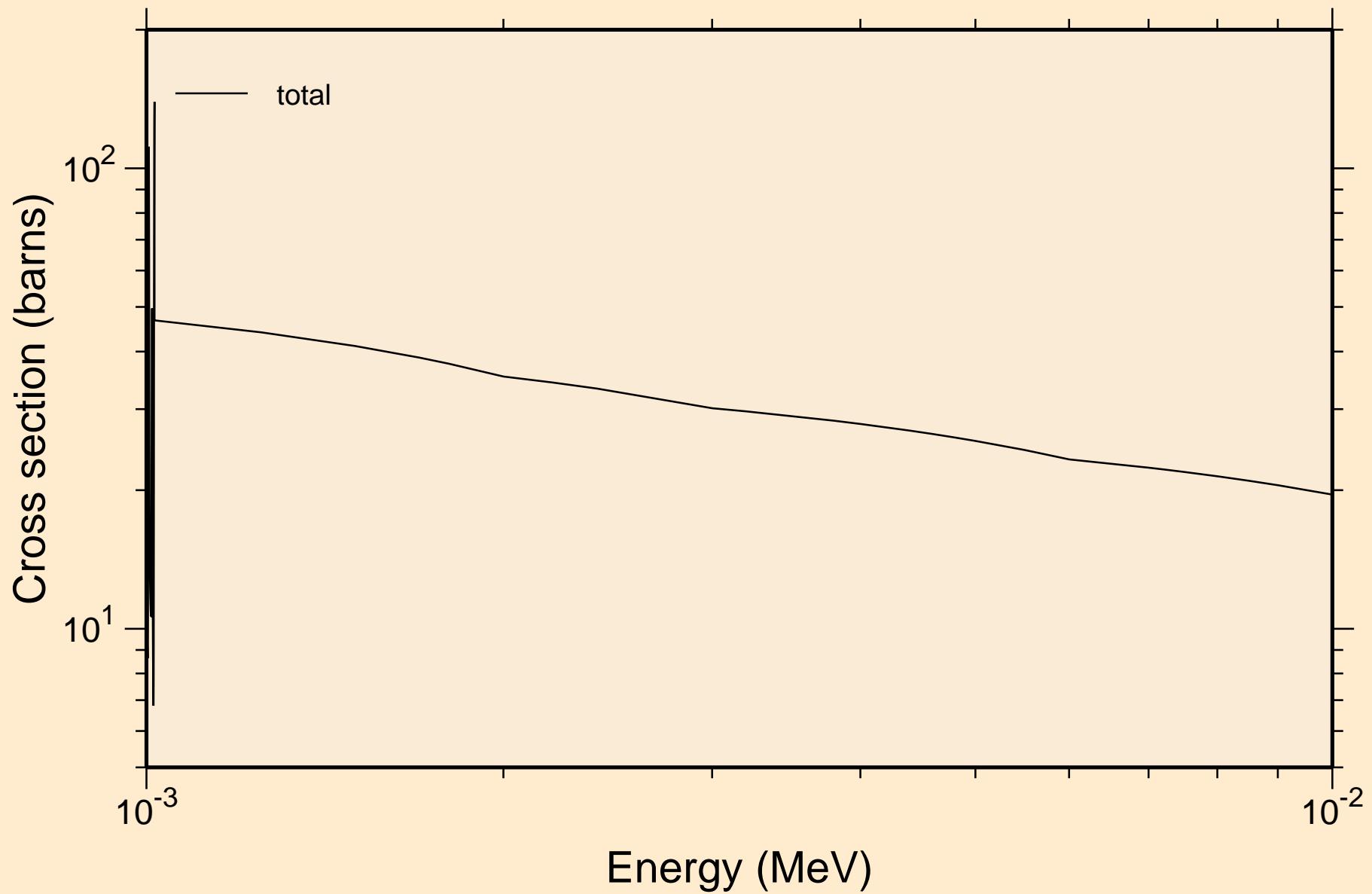
YB168 NRG TENDL-2015, AKONING  
resonance total cross section



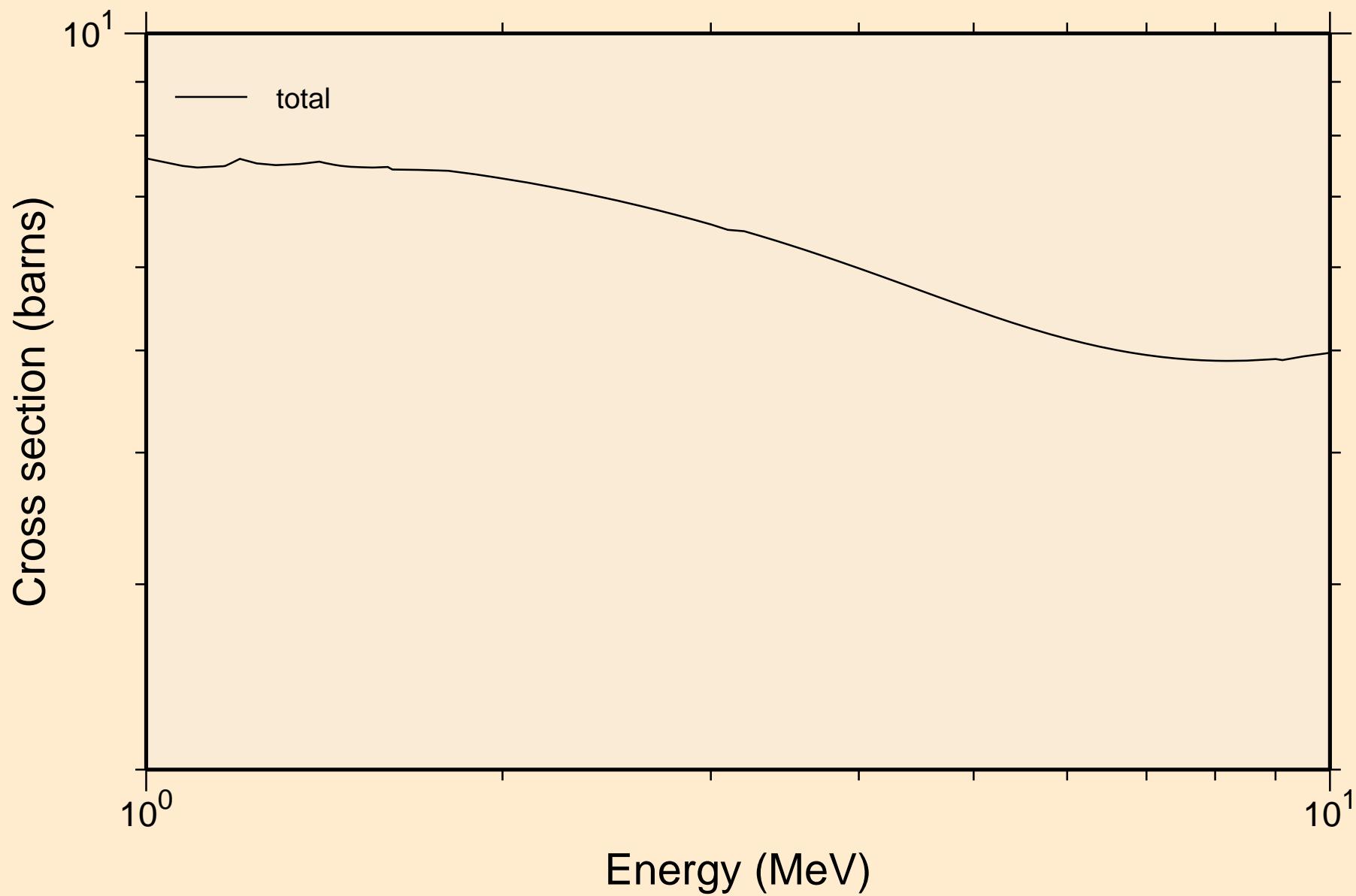
YB168 NRG TENDL-2015, AKONING  
resonance total cross section



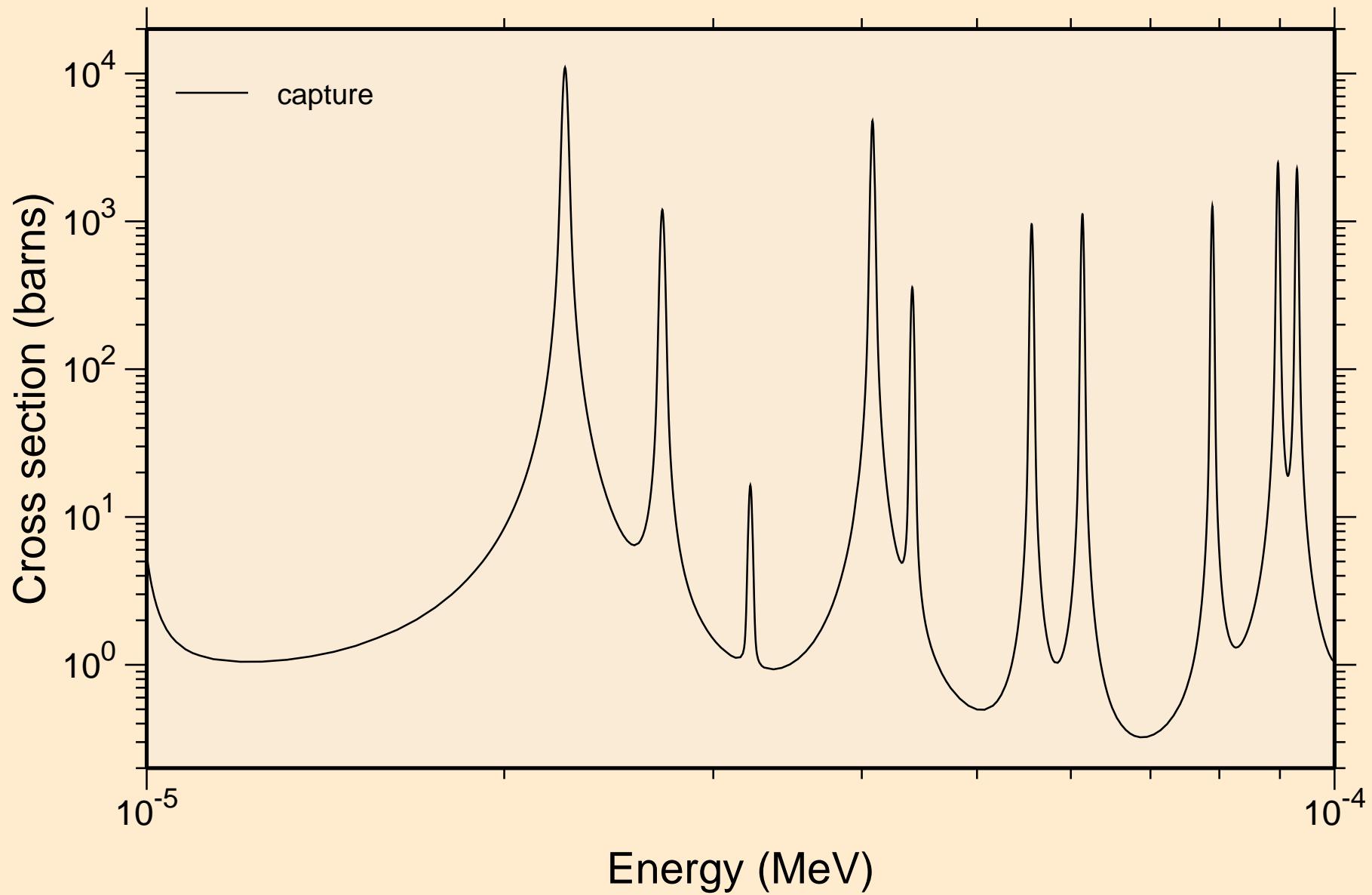
YB168 NRG TENDL-2015, AKONING  
resonance total cross section



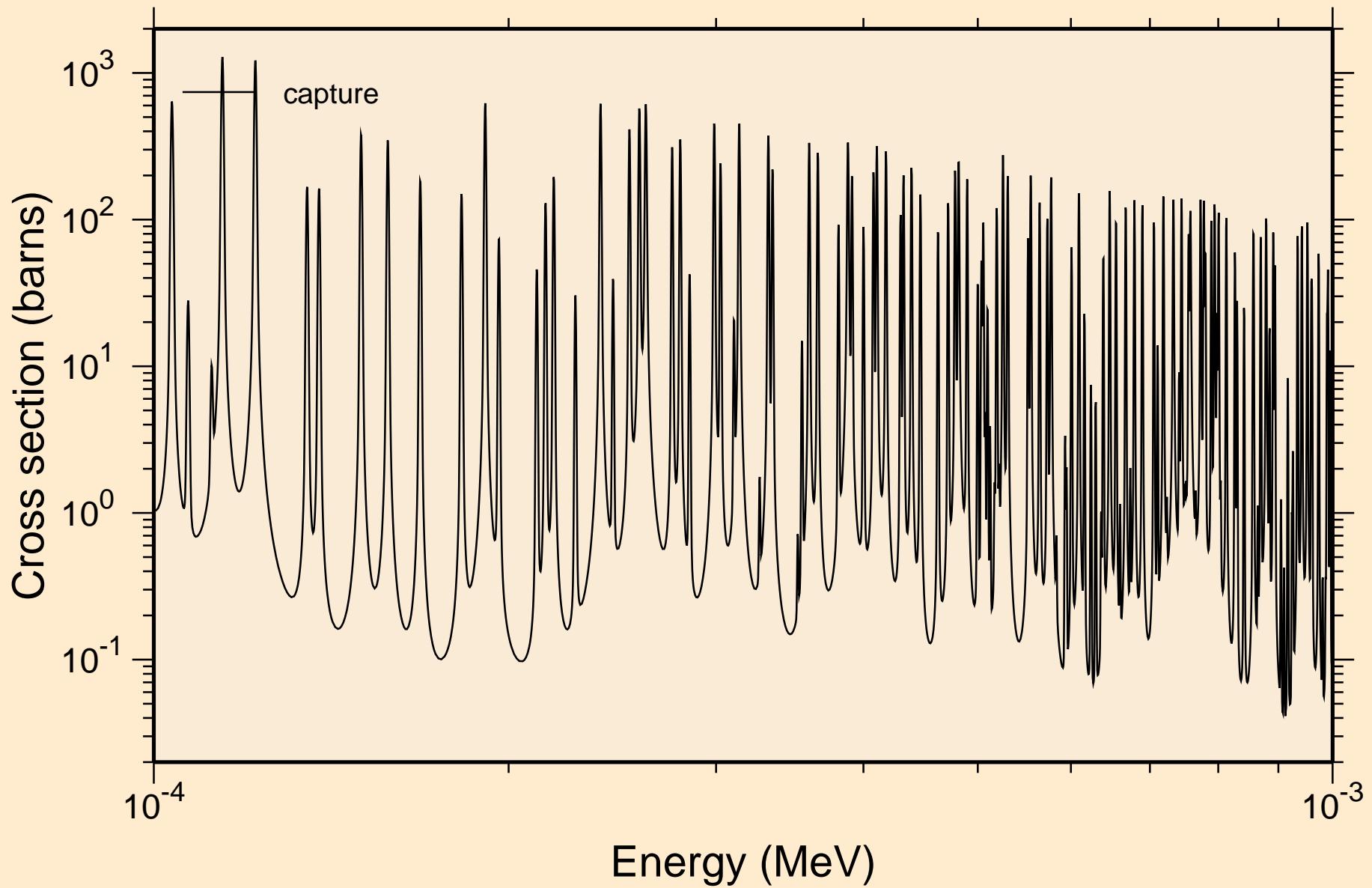
YB168 NRG TENDL-2015, AKONING  
resonance total cross section



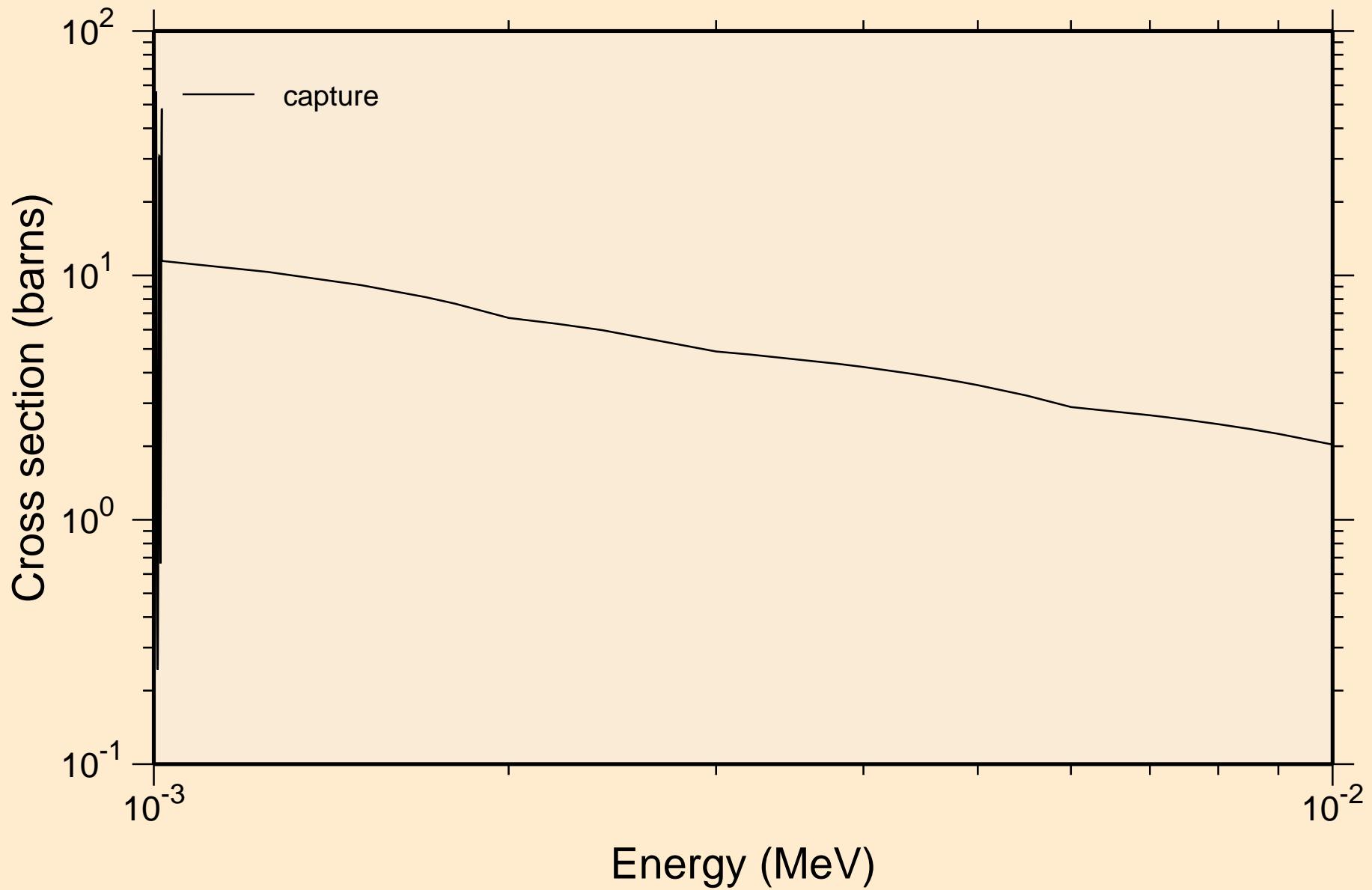
YB168 NRG TENDL-2015, AKONING  
resonance absorption cross sections



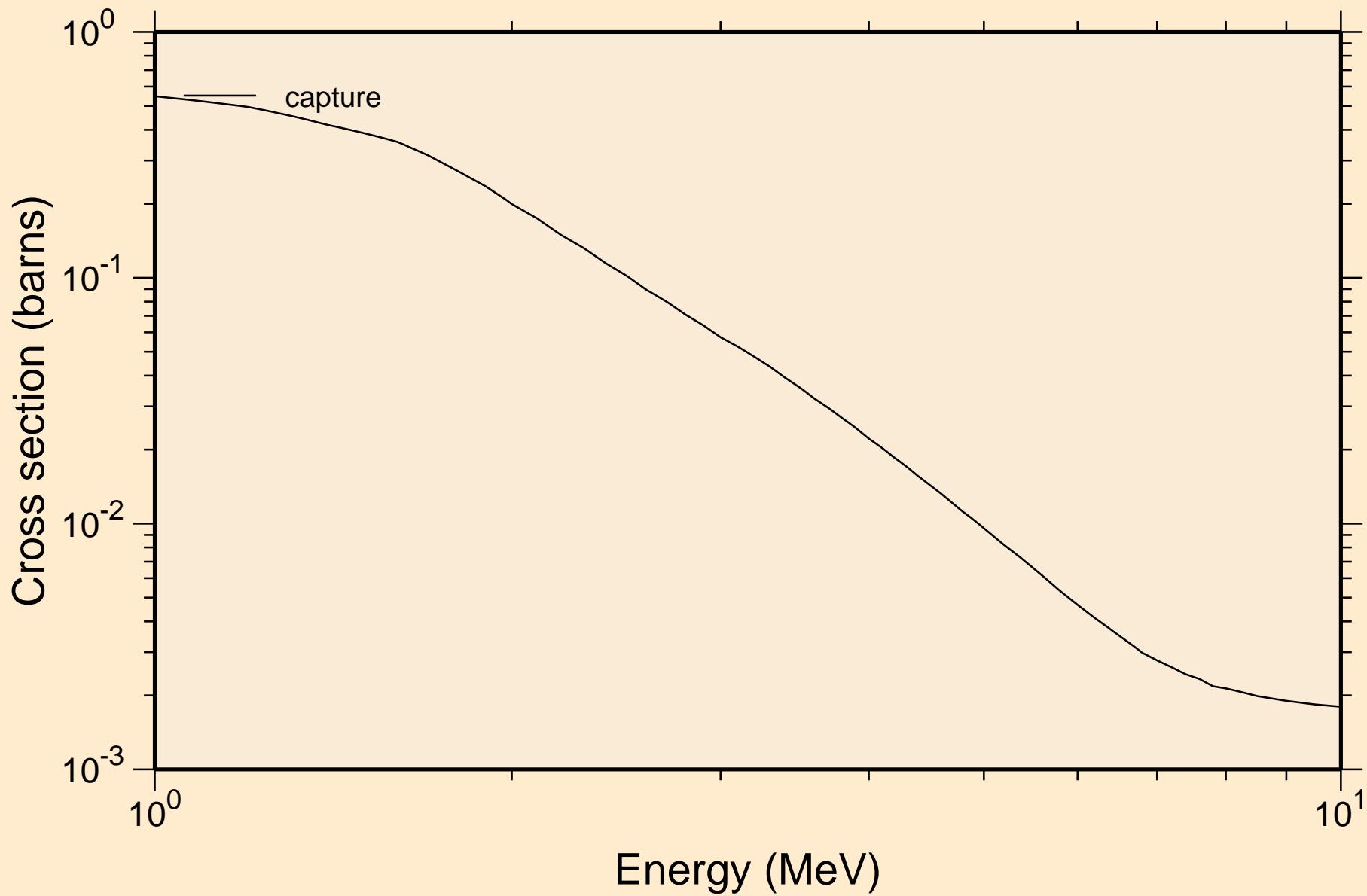
YB168 NRG TENDL-2015, AKONING  
resonance absorption cross sections



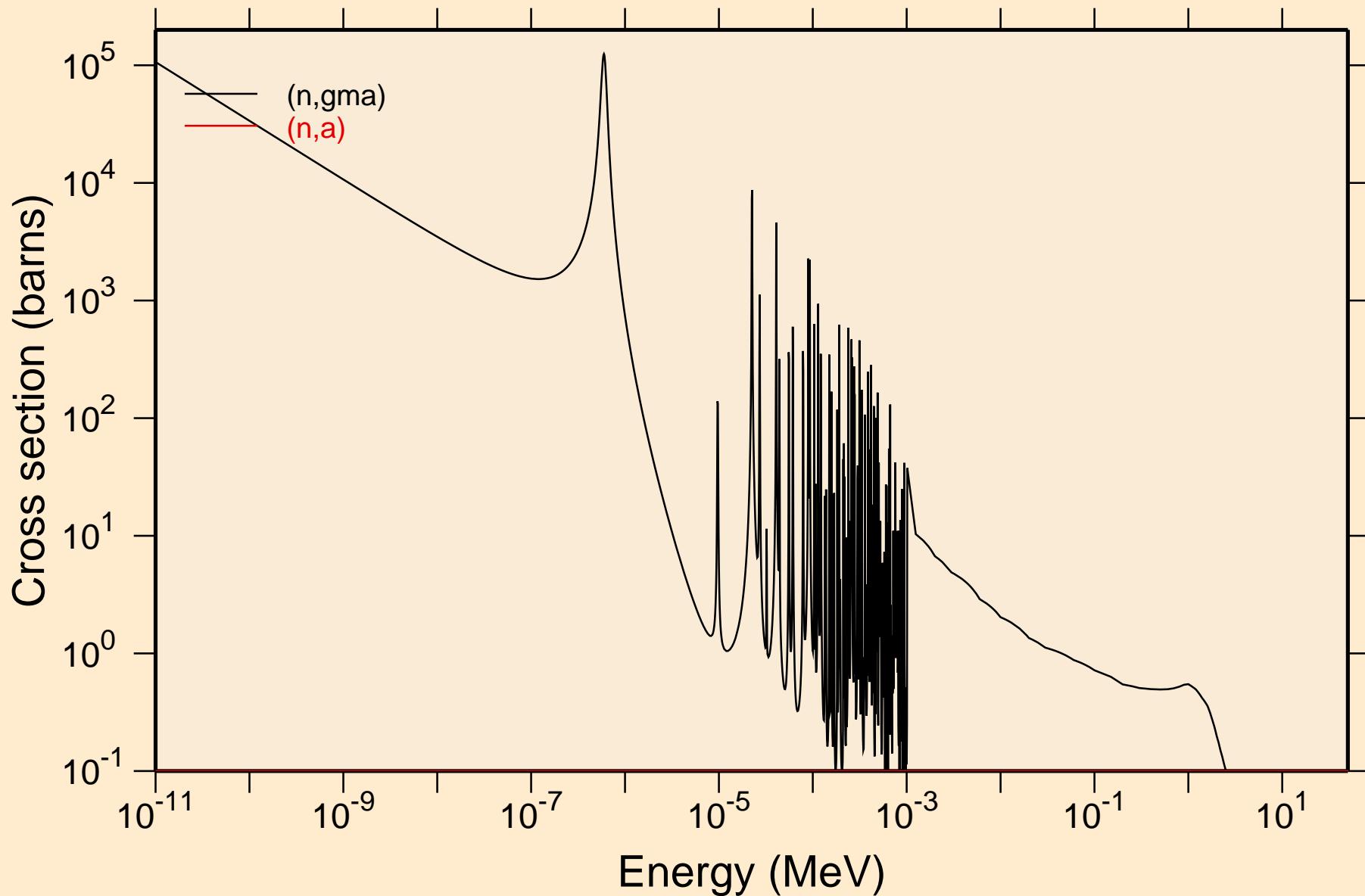
YB168 NRG TENDL-2015, AKONING  
resonance absorption cross sections



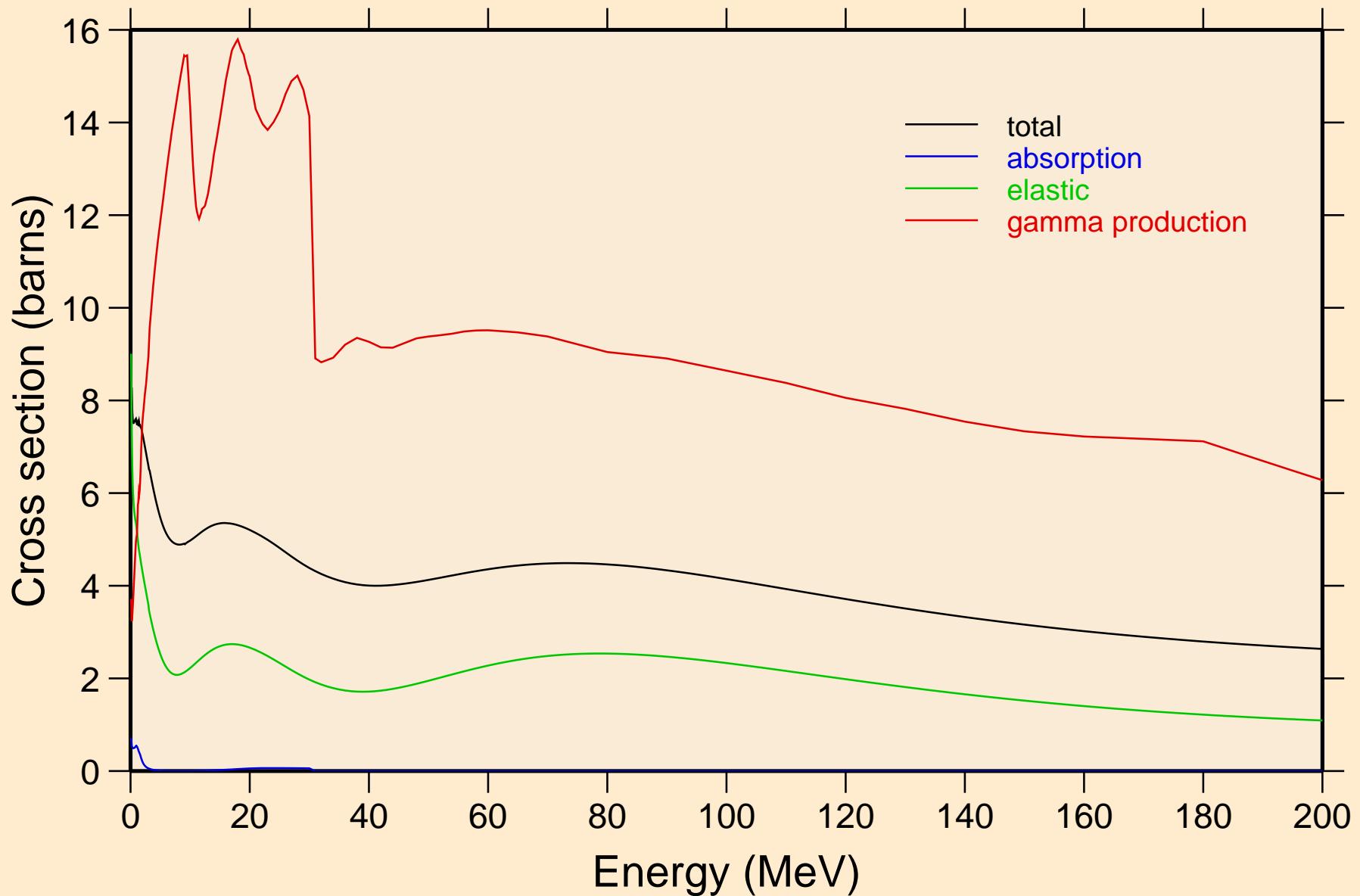
YB168 NRG TENDL-2015, AKONING  
resonance absorption cross sections



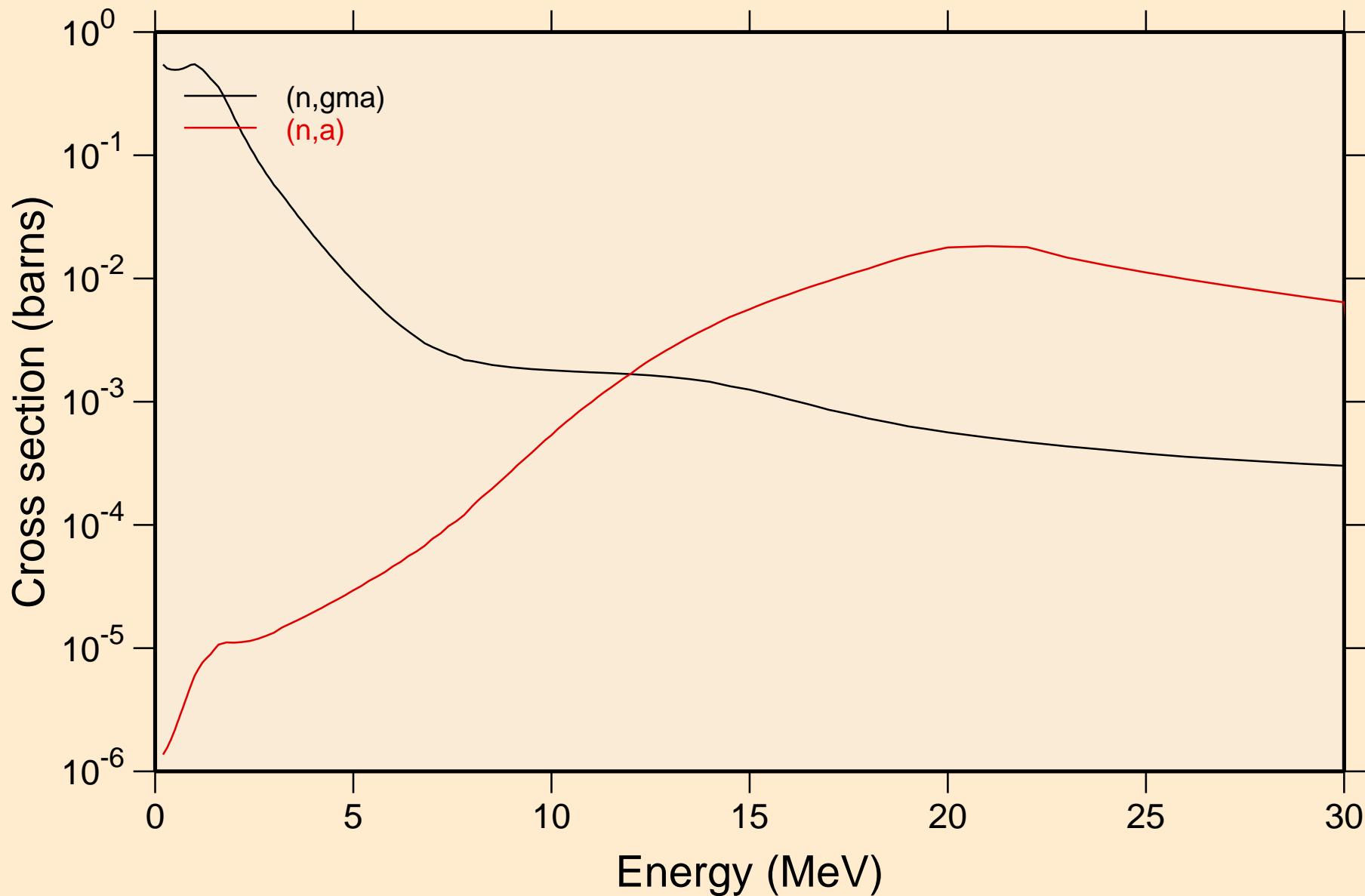
YB168 NRG TENDL-2015, AKONING  
Non-threshold reactions



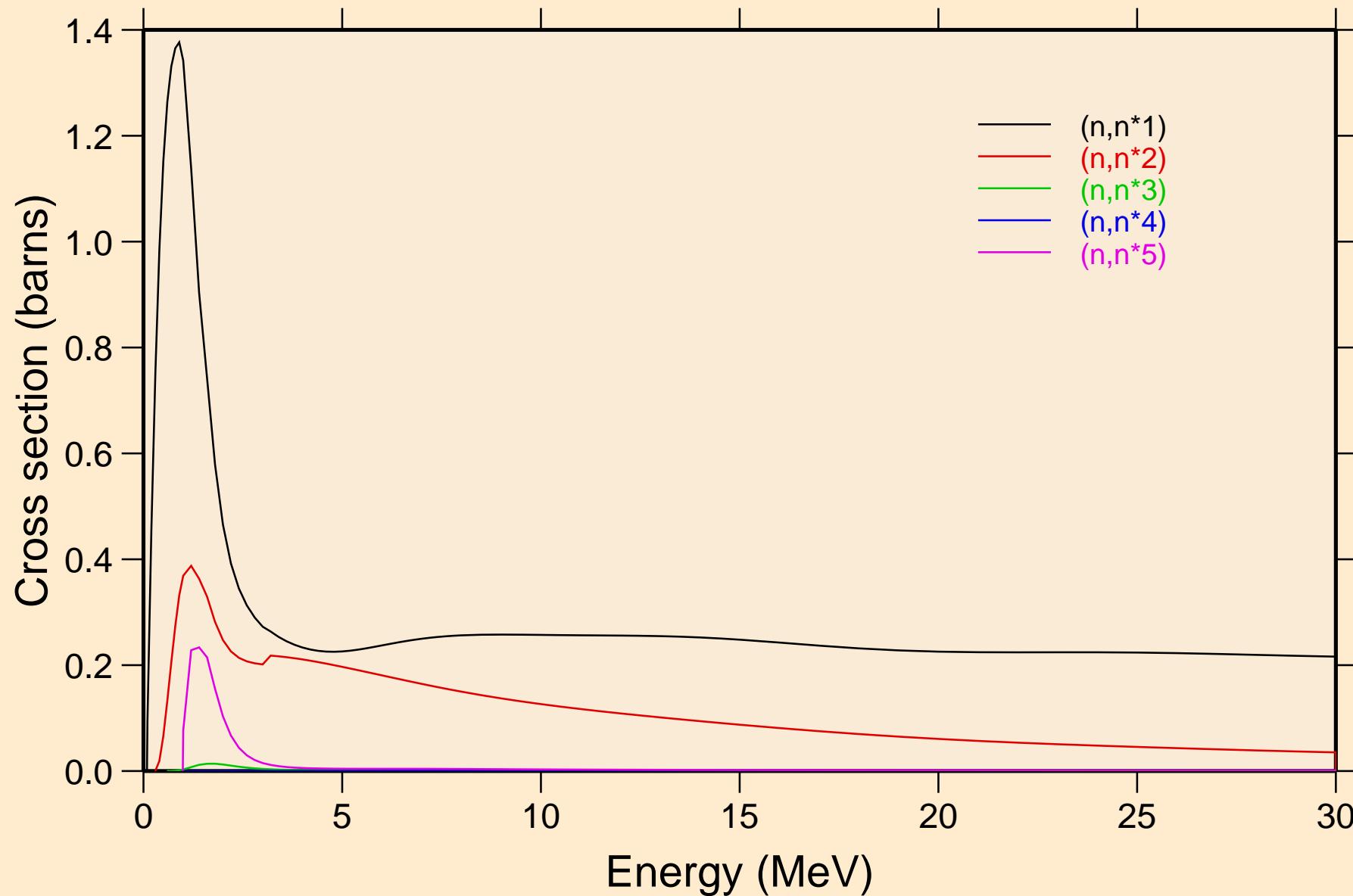
YB168 NRG TENDL-2015, AKONING  
Principal cross sections



YB168 NRG TENDL-2015, AKONING  
Non-threshold reactions

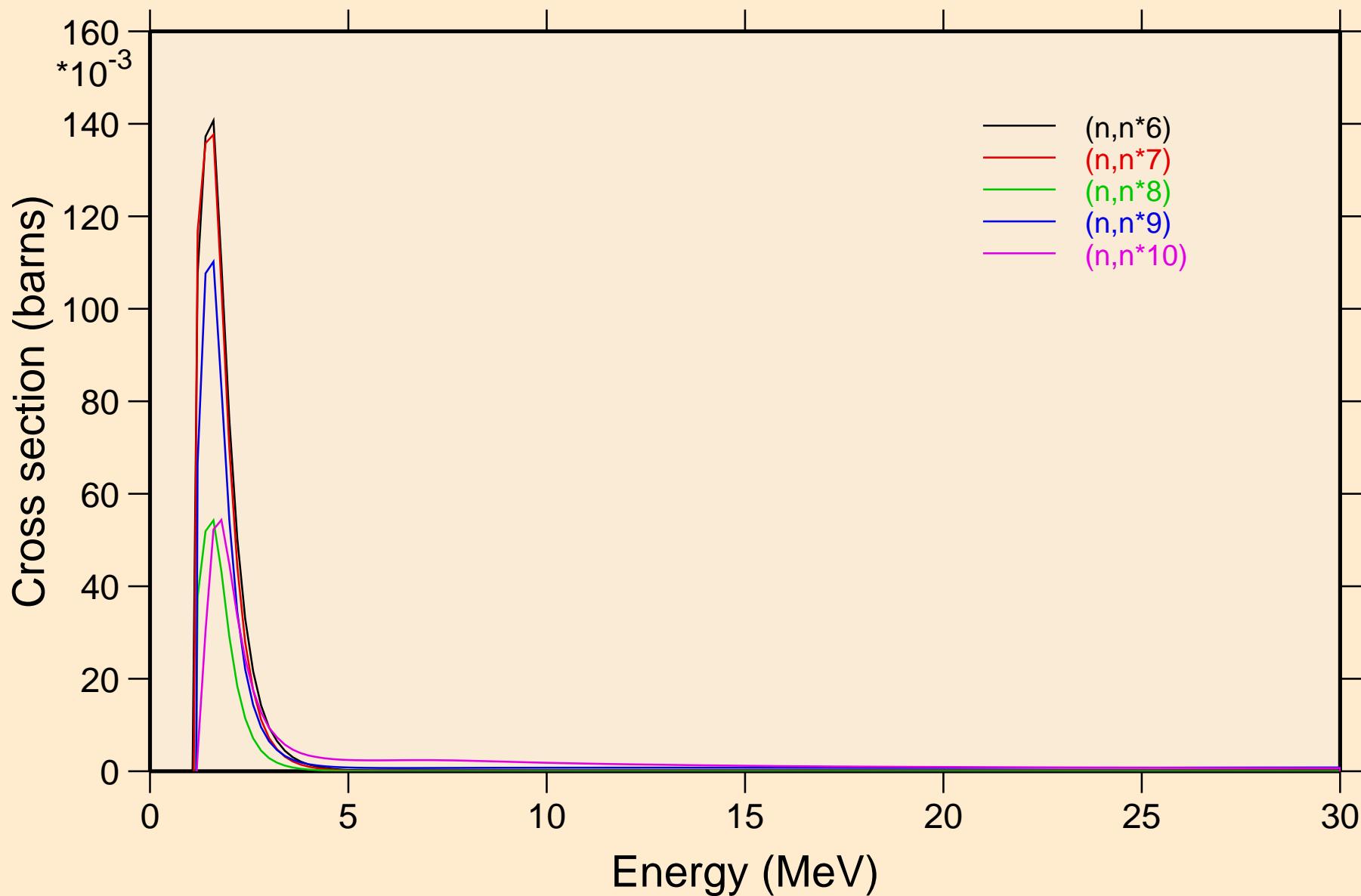


YB168 NRG TENDL-2015, AKONING  
Inelastic levels



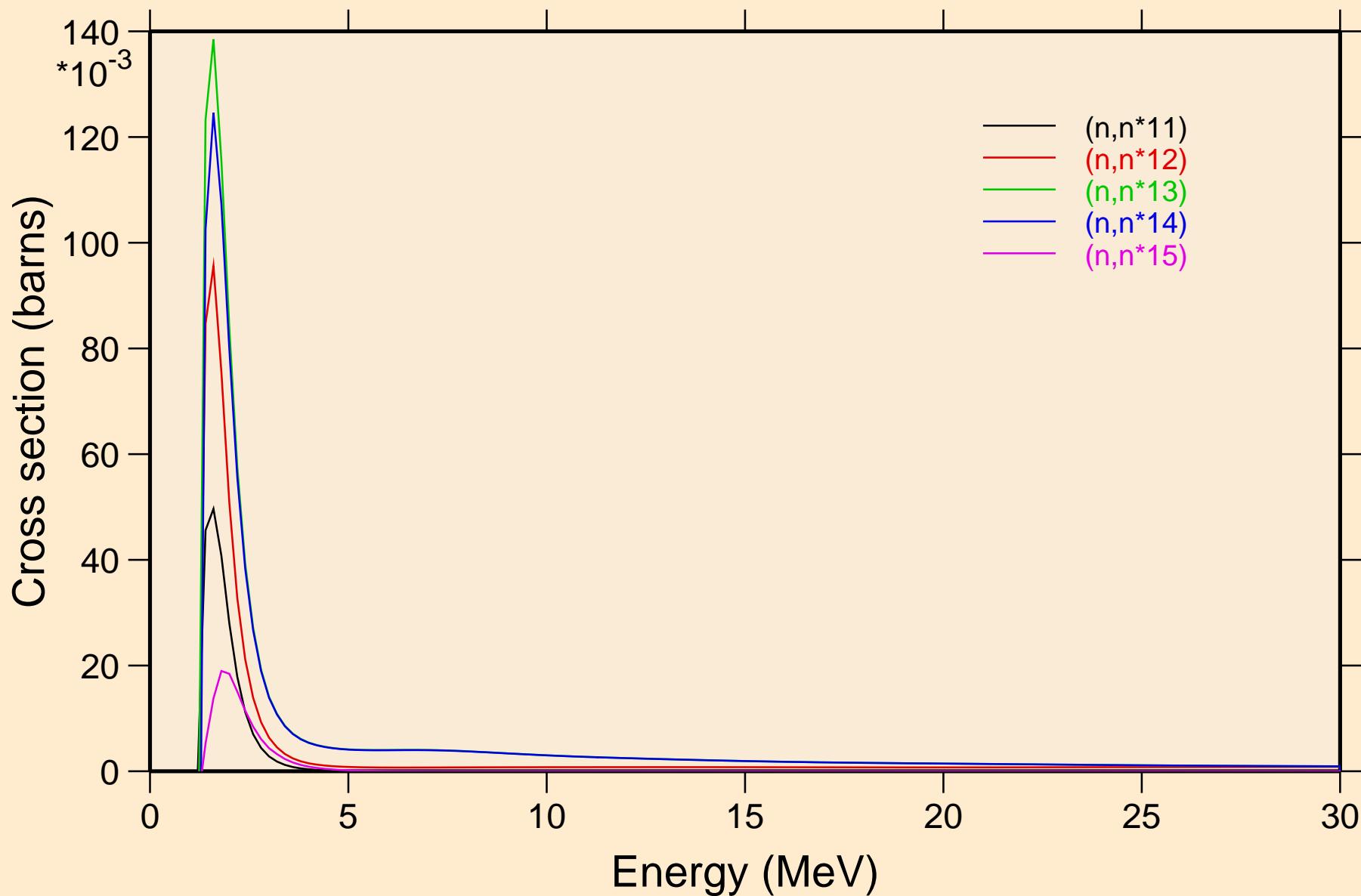
# YB168 NRG TENDL-2015, AKONING

## Inelastic levels



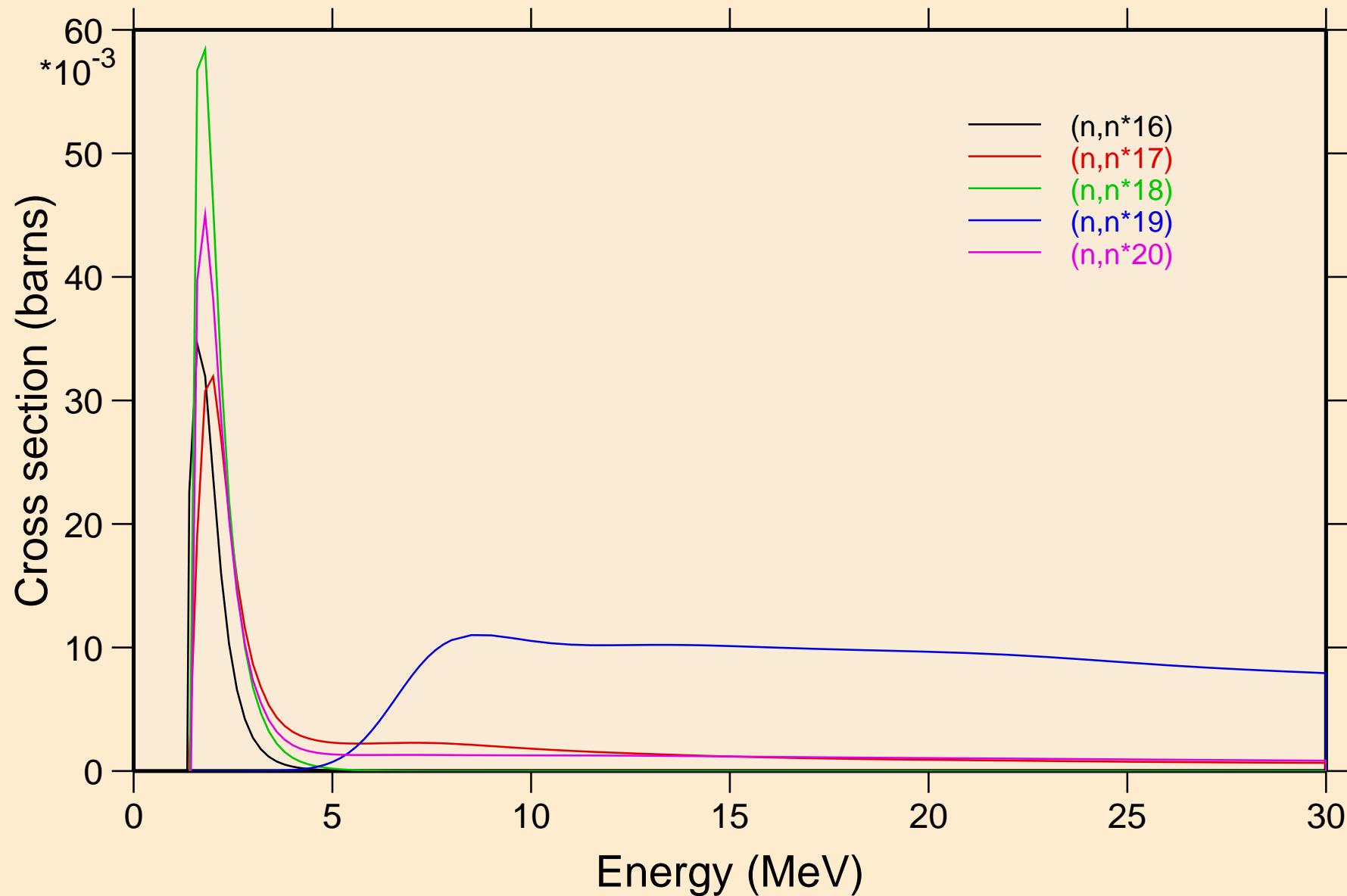
# YB168 NRG TENDL-2015, AKONING

## Inelastic levels



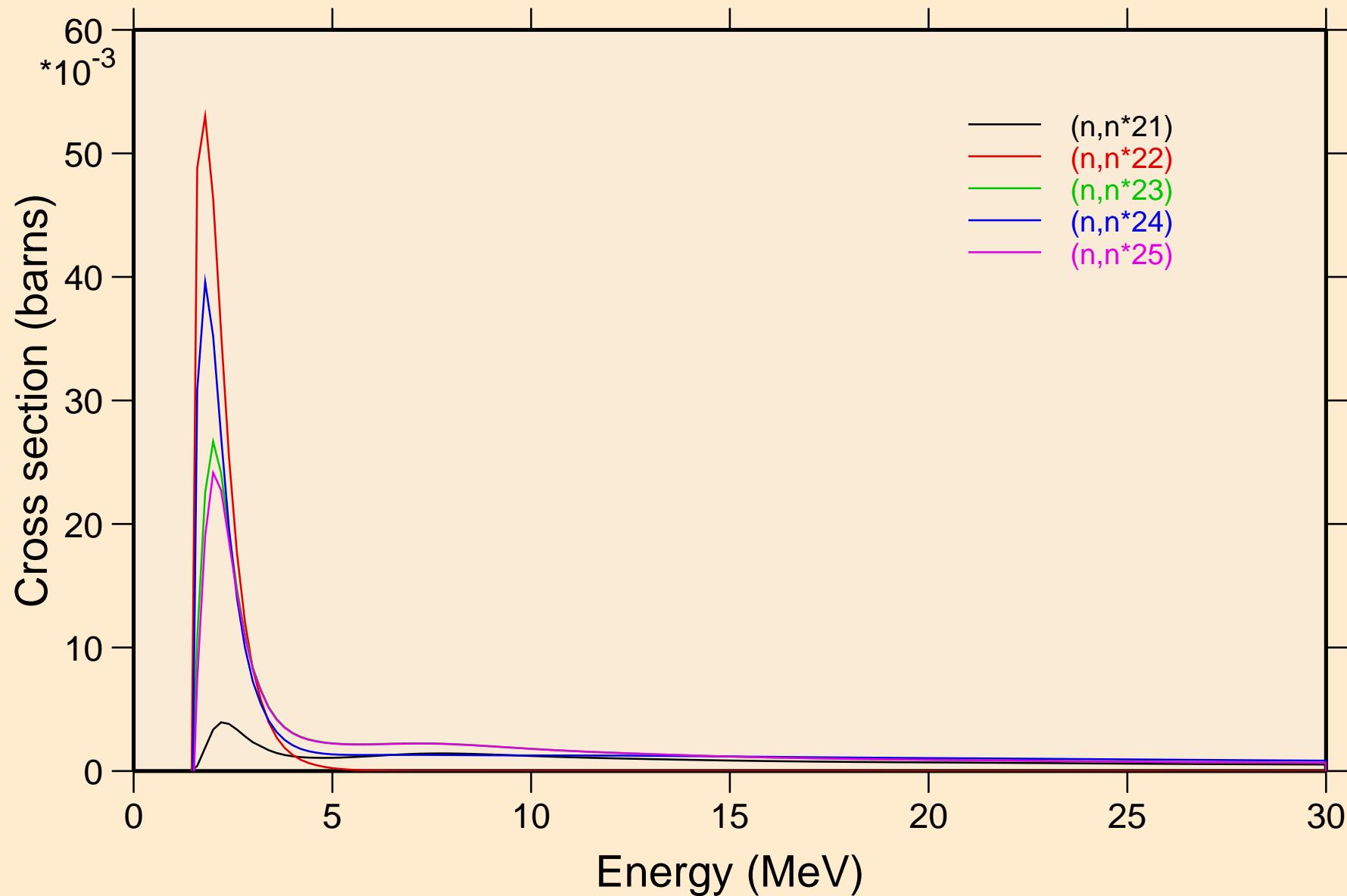
# YB168 NRG TENDL-2015, AKONING

## Inelastic levels

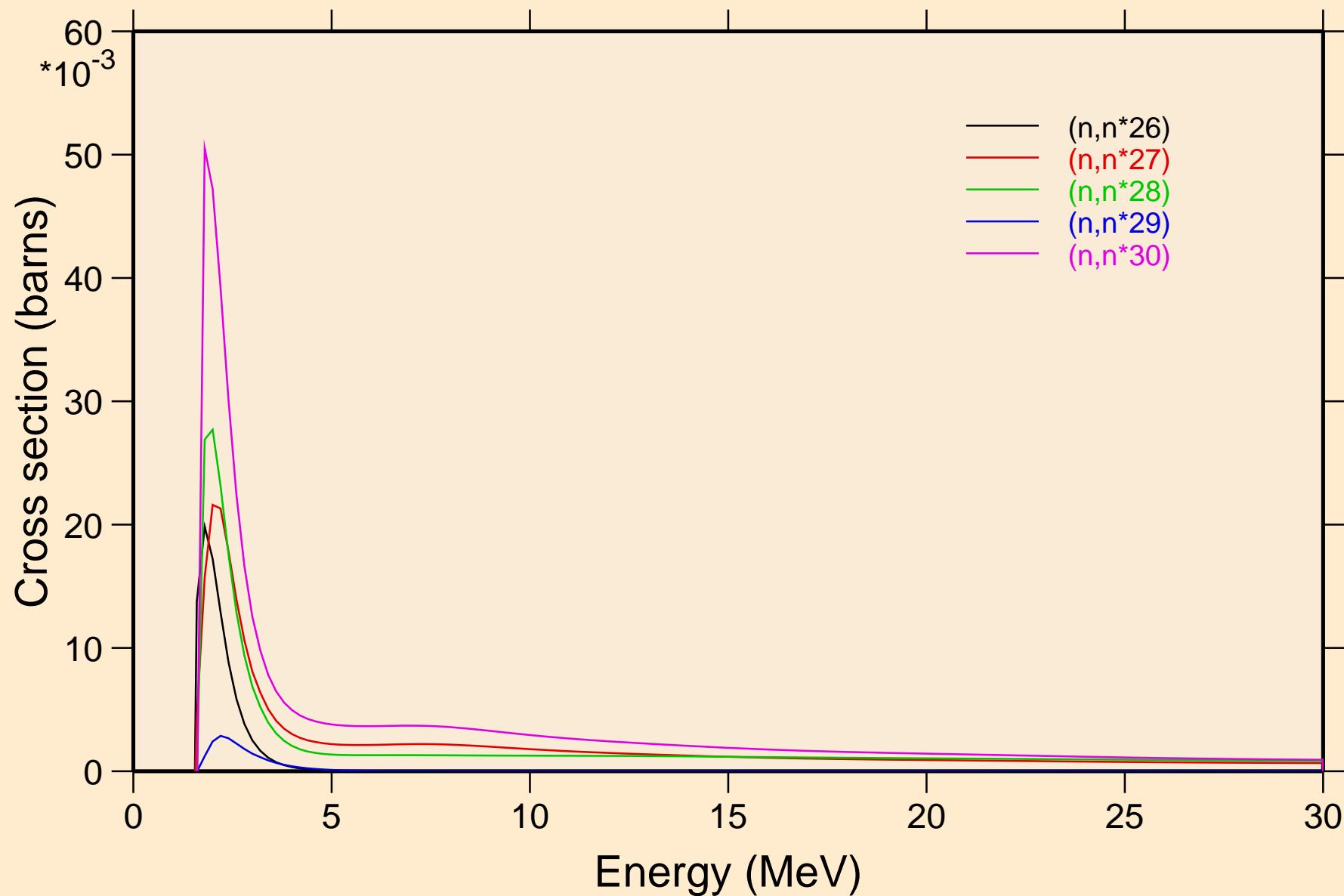


# YB168 NRG TENDL-2015, AKONING

## Inelastic levels

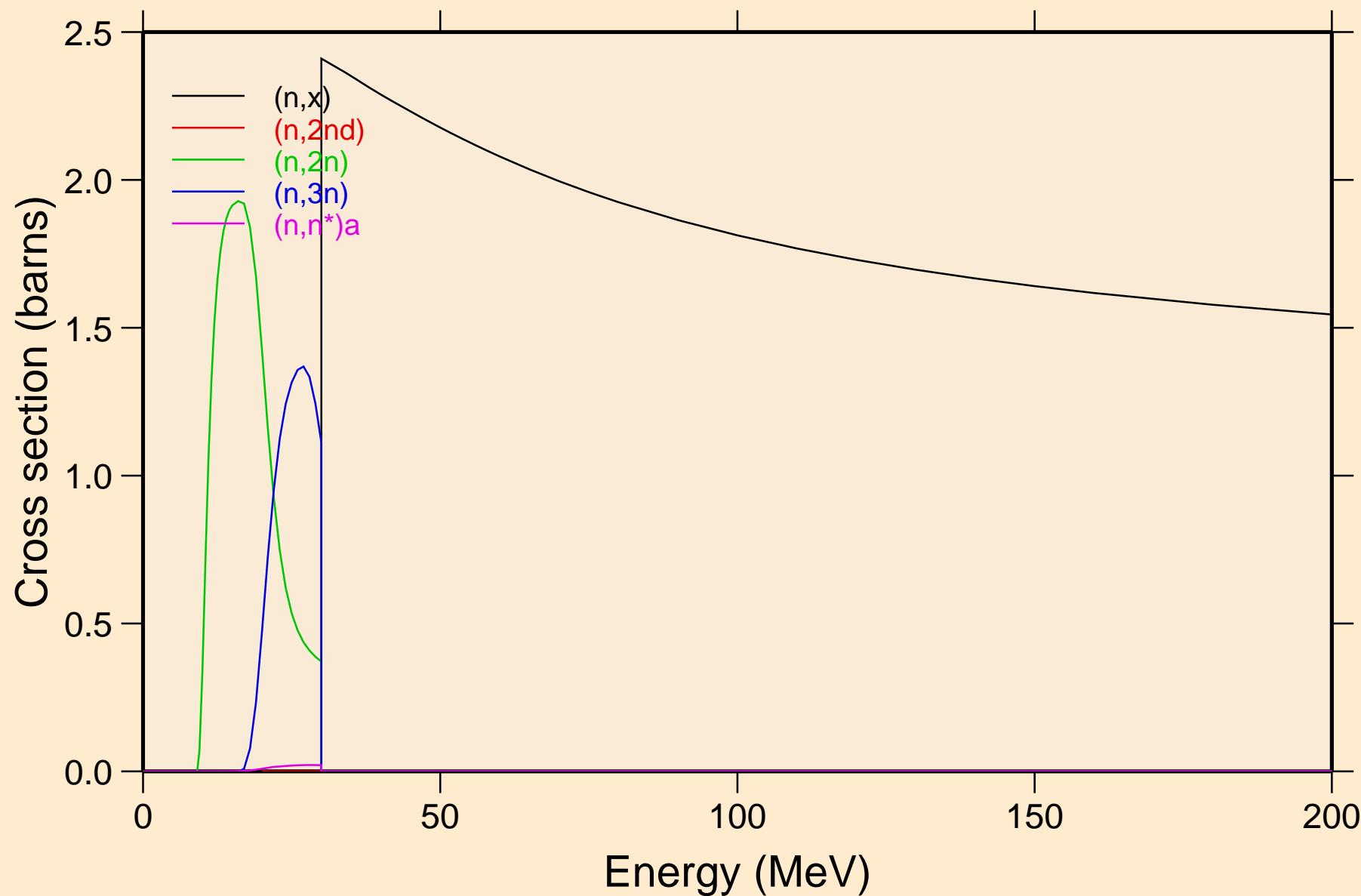


YB168 NRG TENDL-2015, AKONING  
Inelastic levels



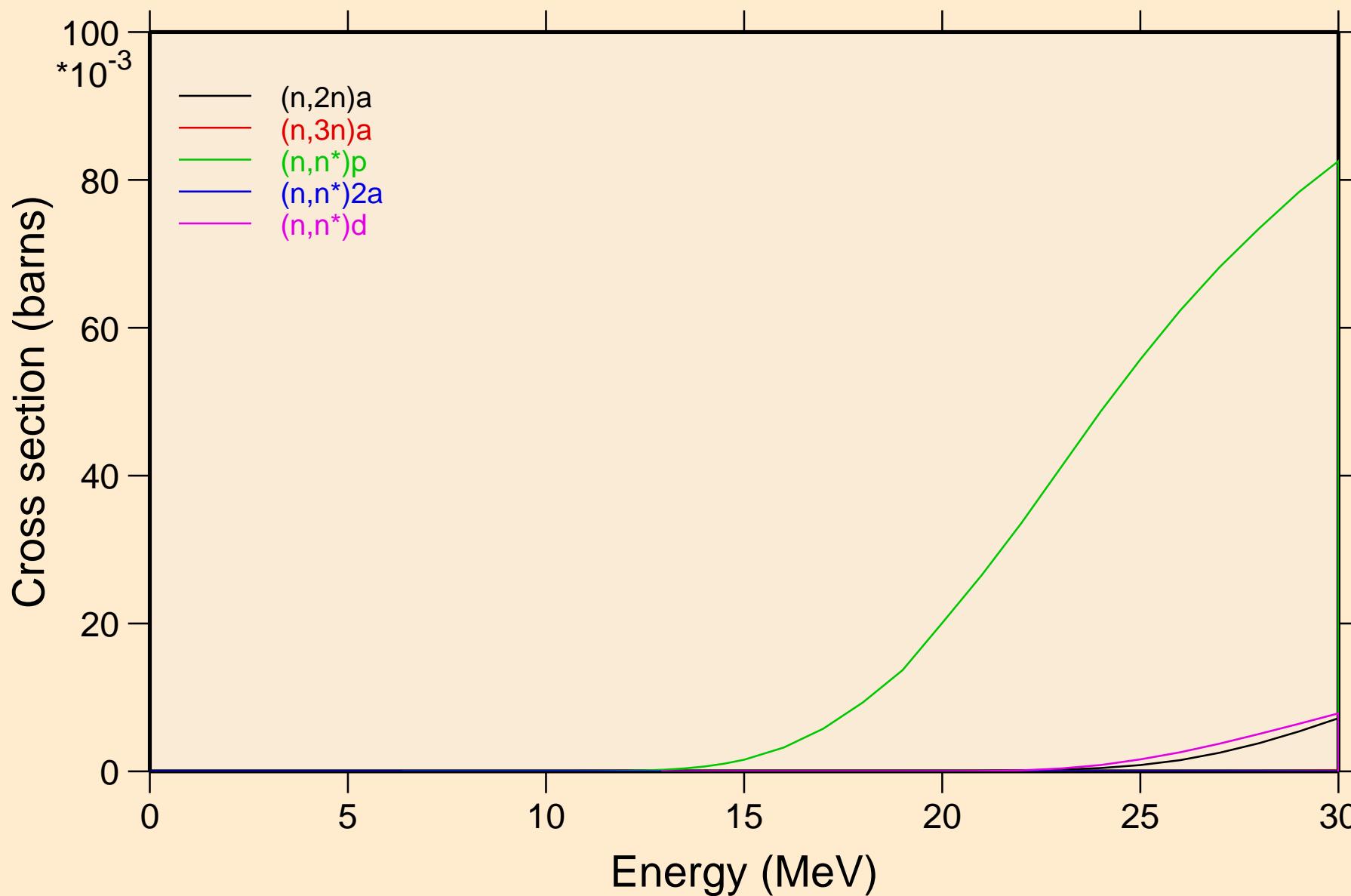
# YB168 NRG TENDL-2015, AKONING

## Threshold reactions



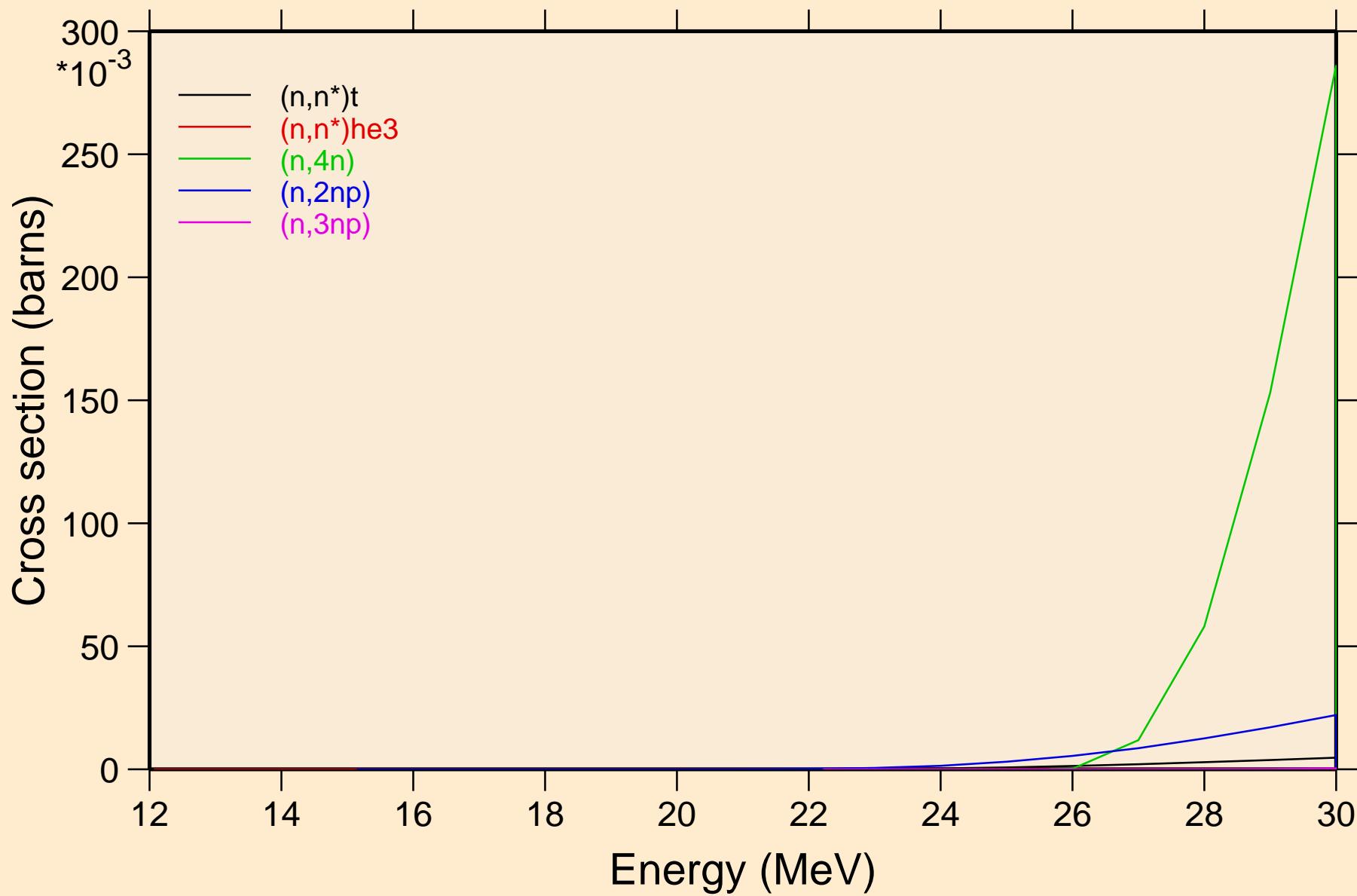
# YB168 NRG TENDL-2015, AKONING

## Threshold reactions



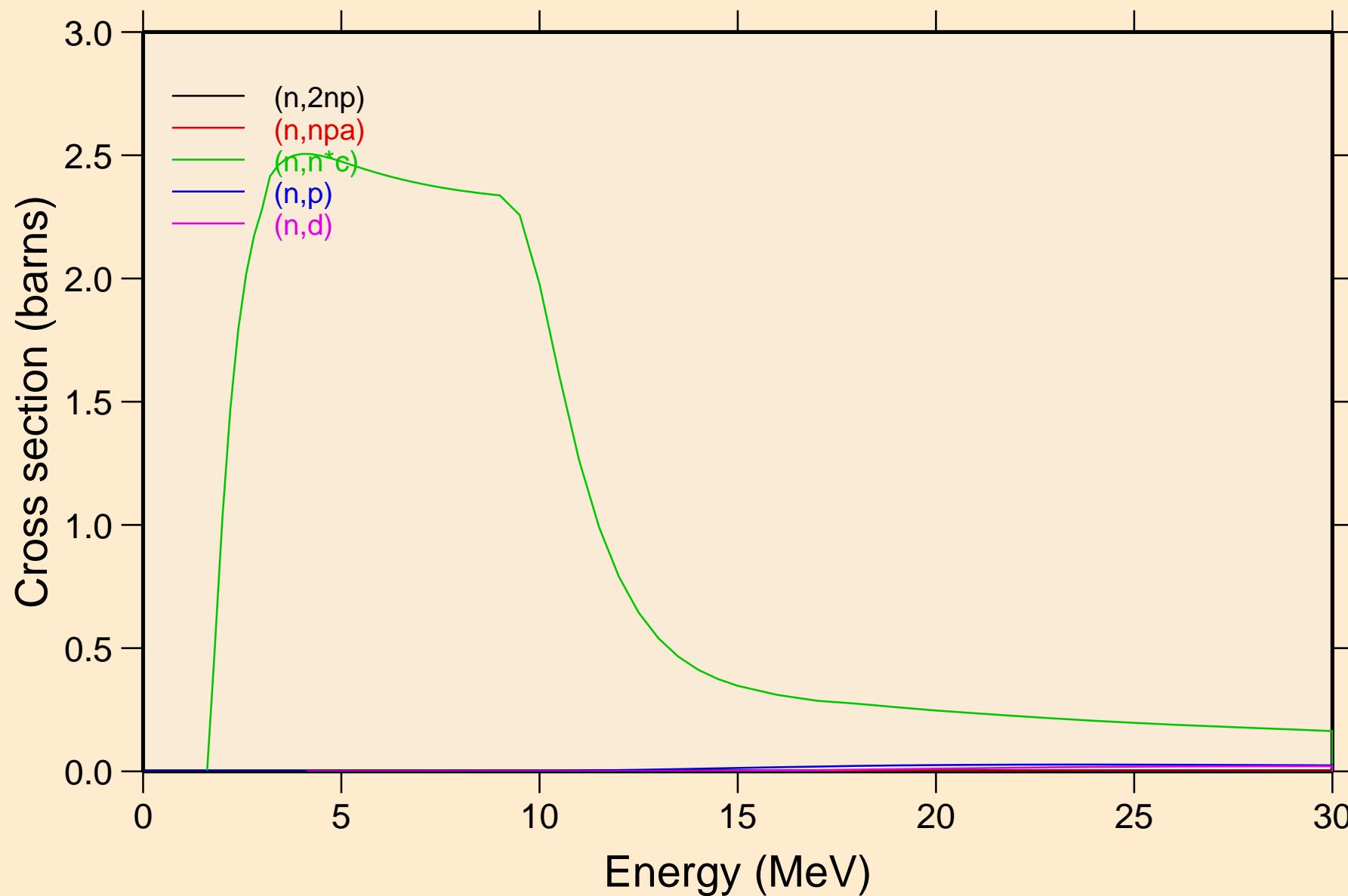
# YB168 NRG TENDL-2015, AKONING

## Threshold reactions



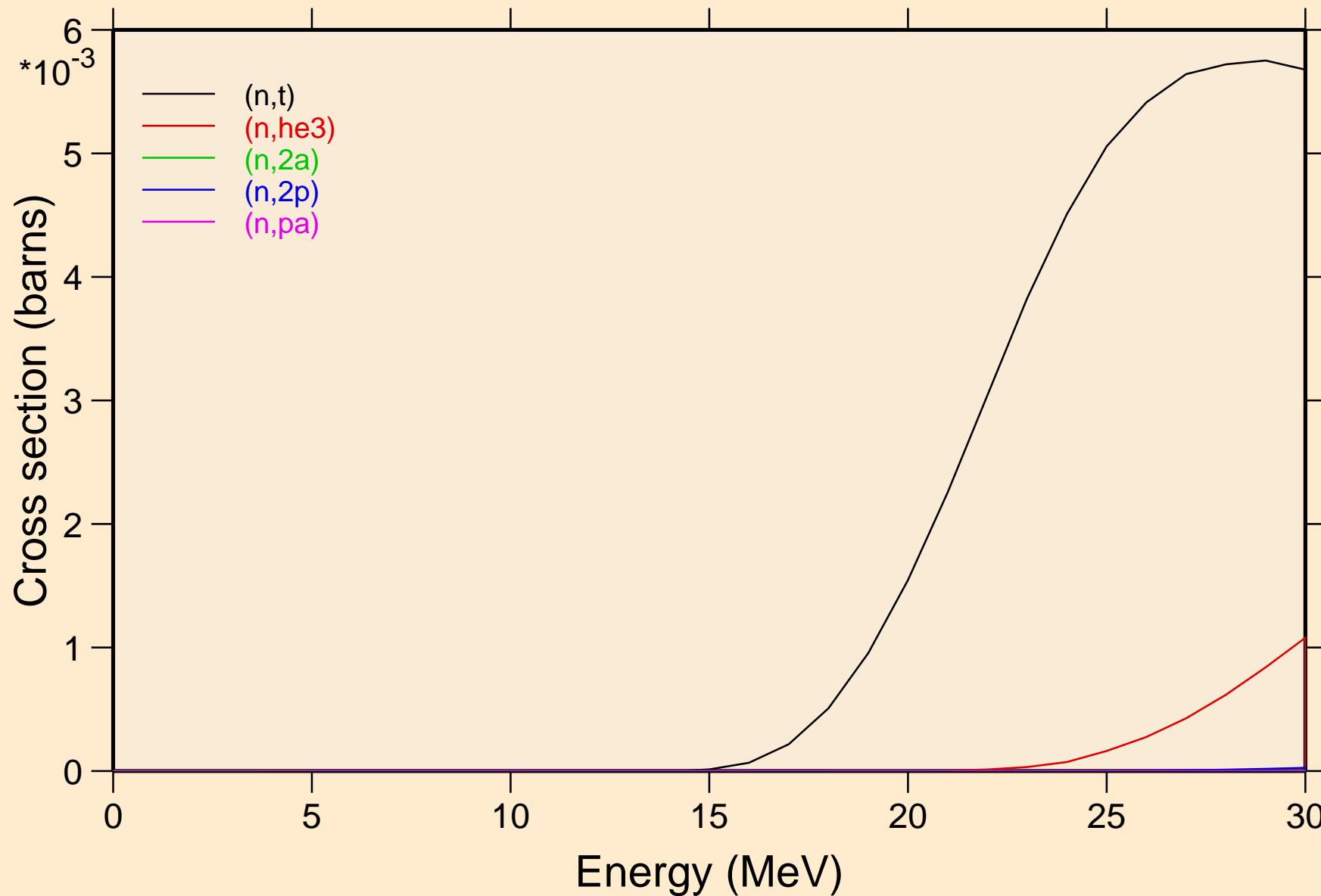
# YB168 NRG TENDL-2015, AKONING

## Threshold reactions



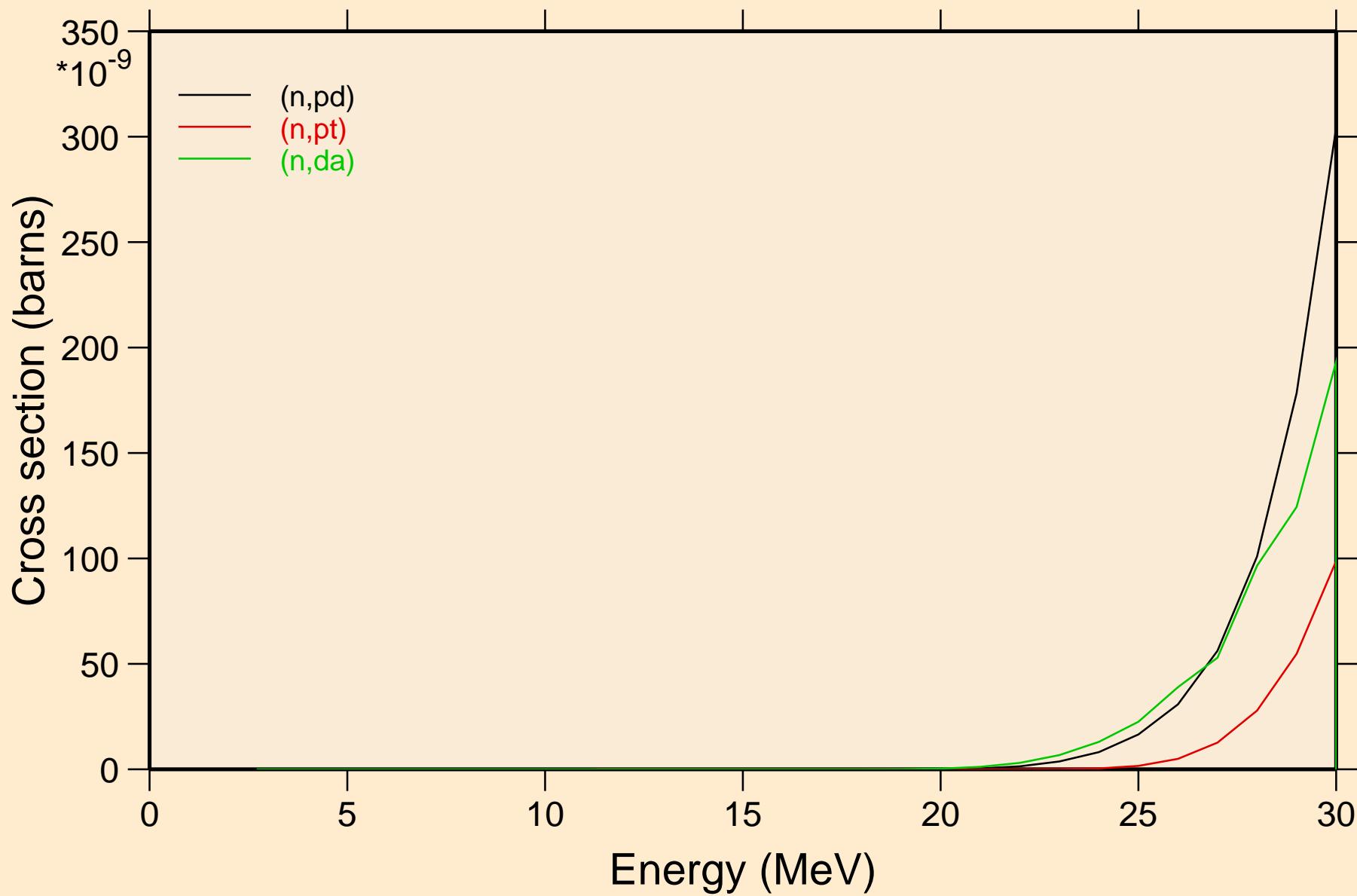
# YB168 NRG TENDL-2015, AKONING

## Threshold reactions

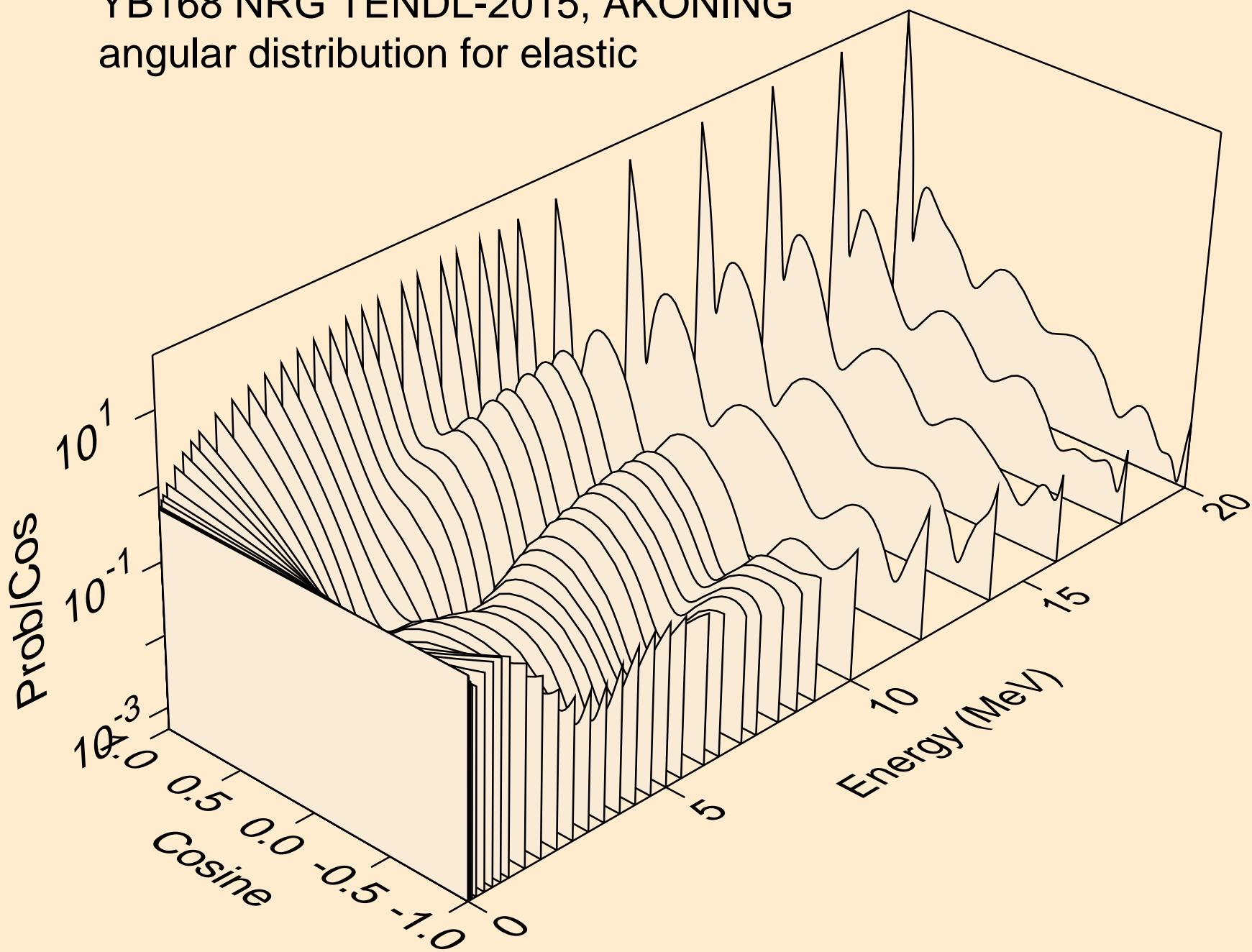


# YB168 NRG TENDL-2015, AKONING

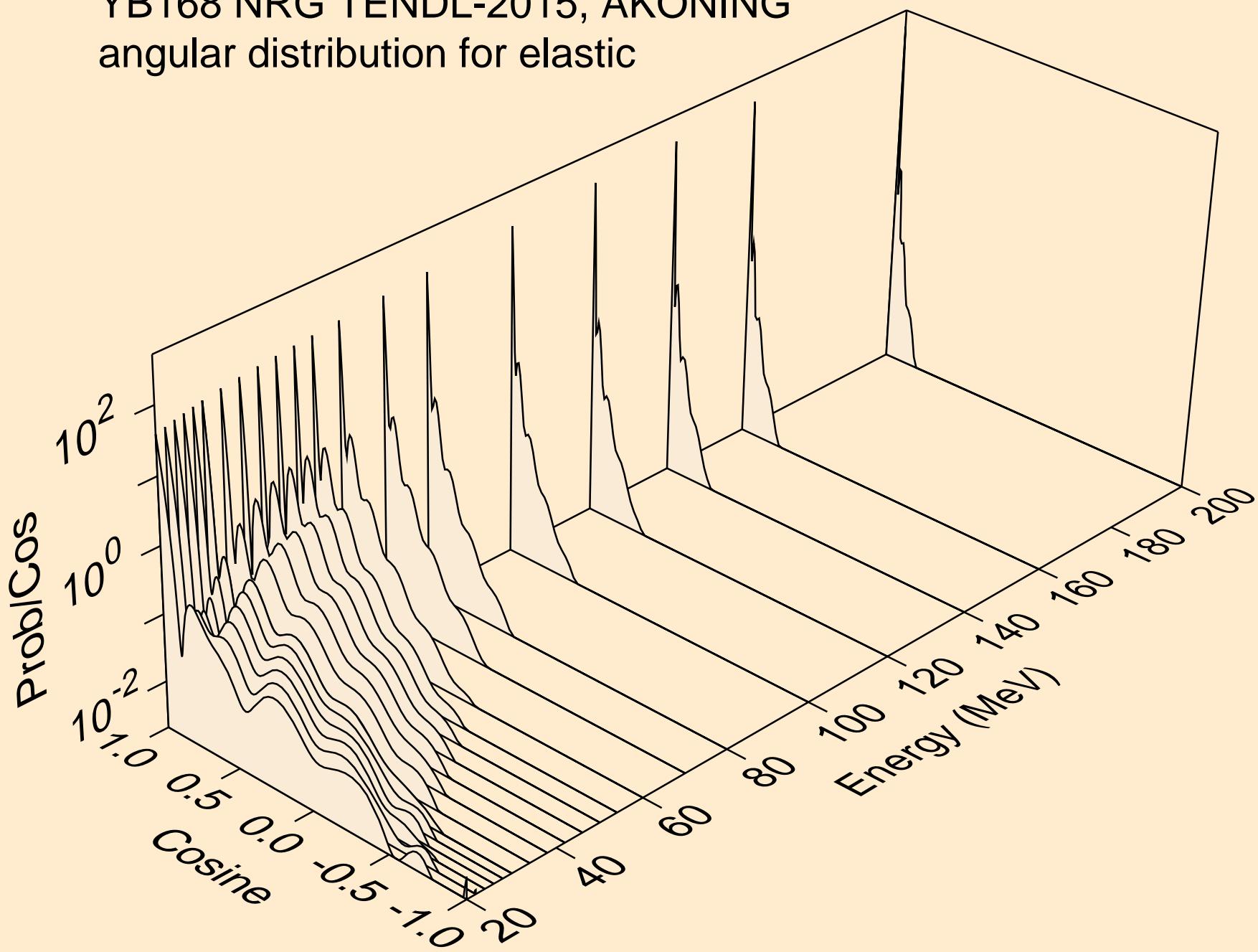
## Threshold reactions



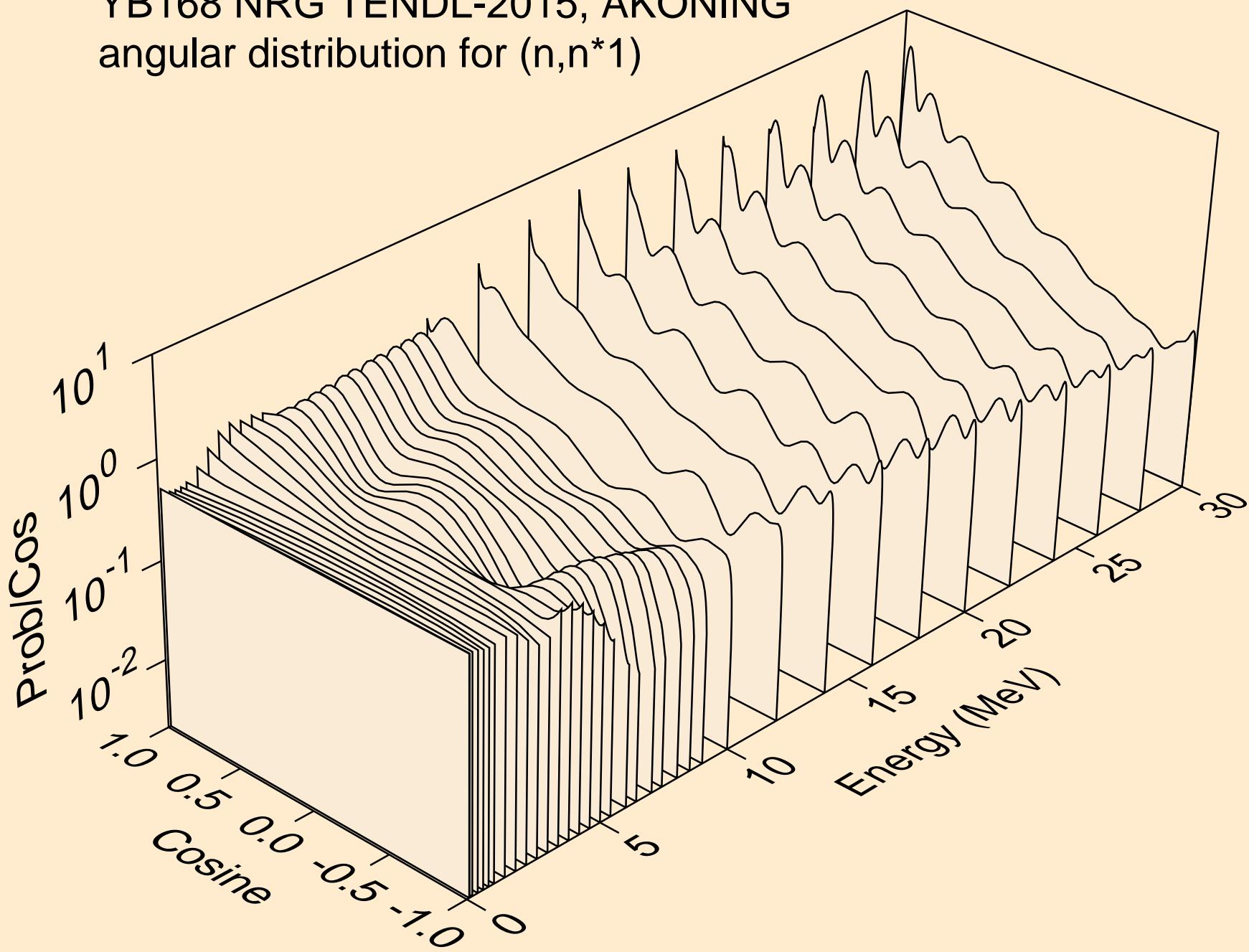
YB168 NRG TENDL-2015, AKONING  
angular distribution for elastic



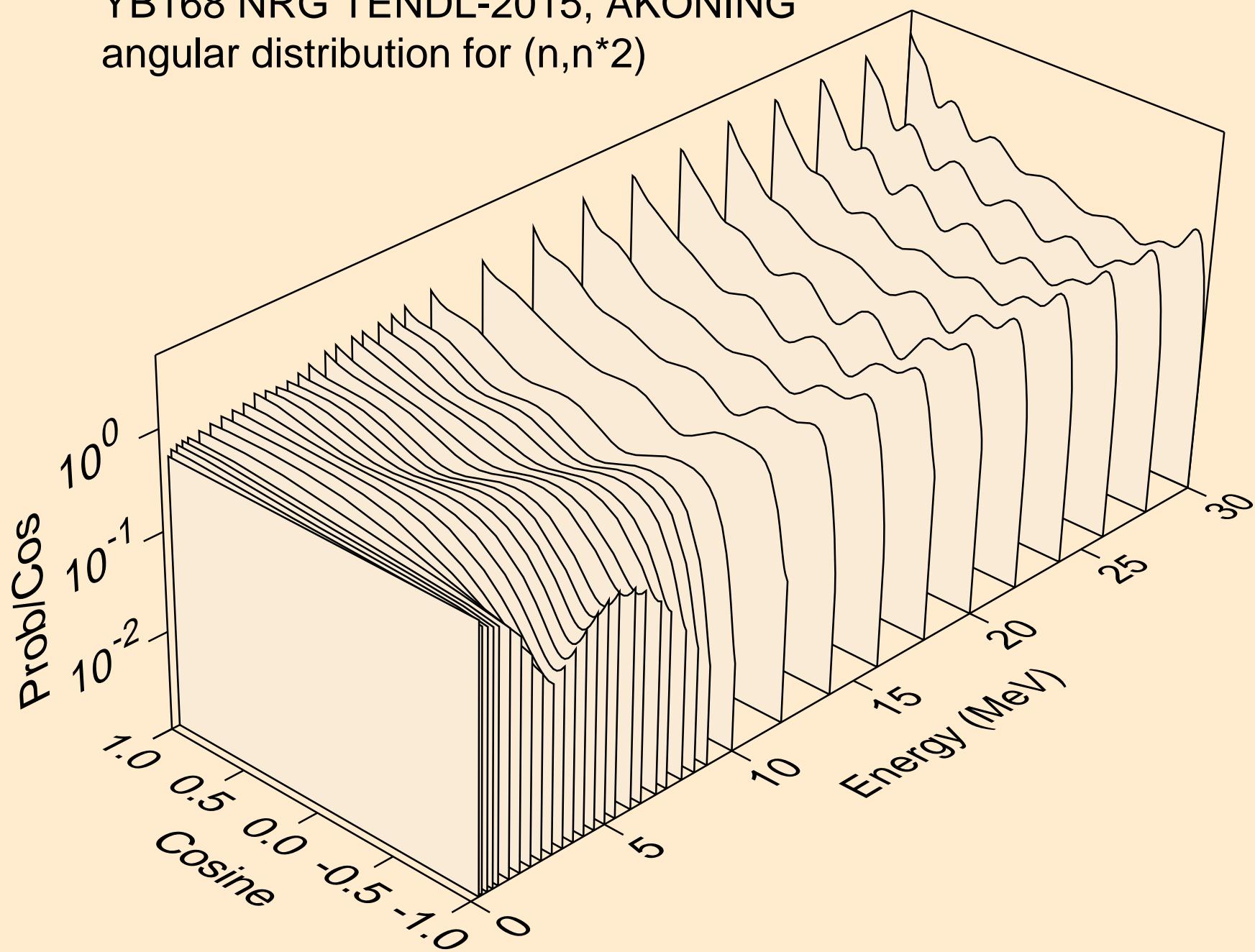
YB168 NRG TENDL-2015, AKONING  
angular distribution for elastic



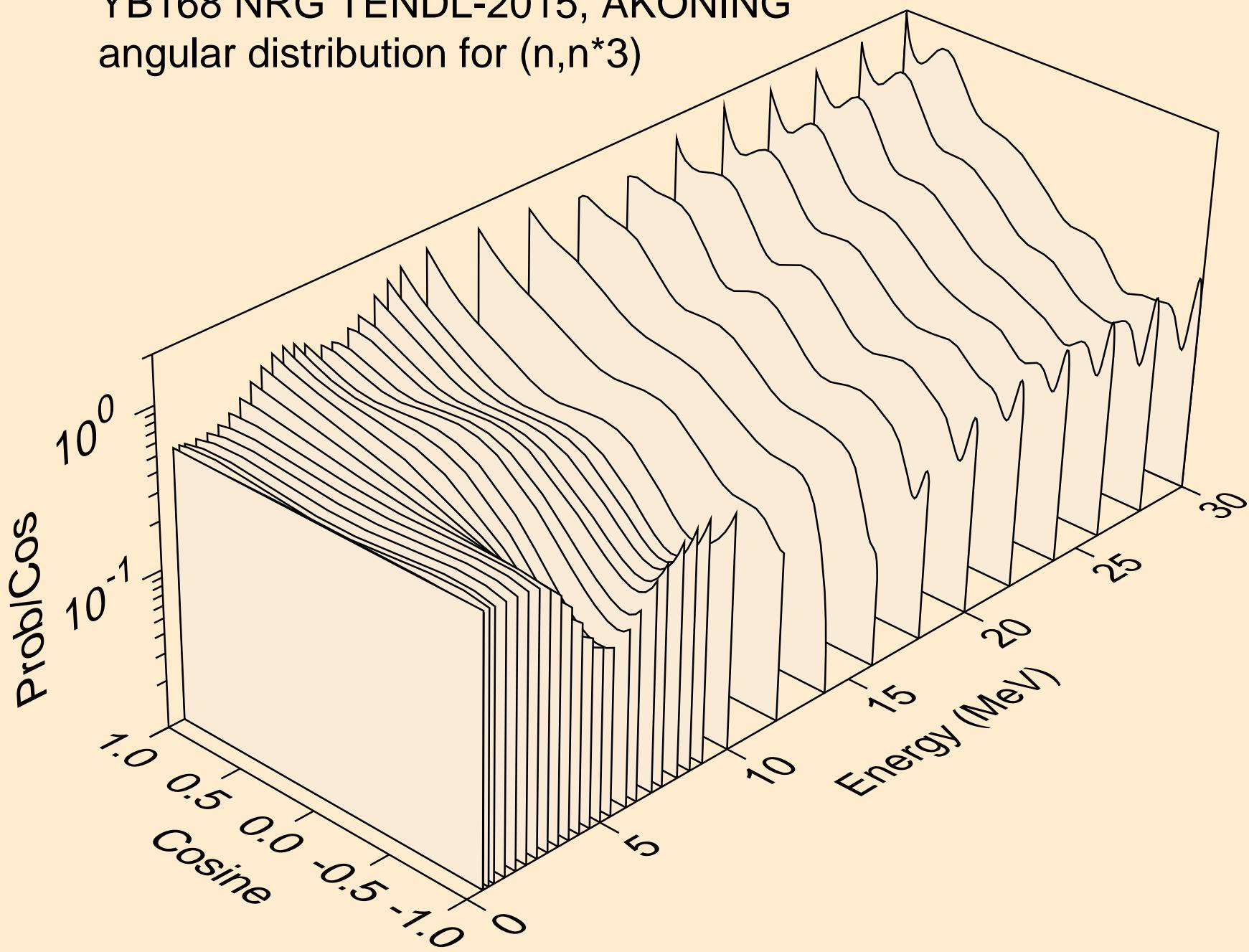
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)$



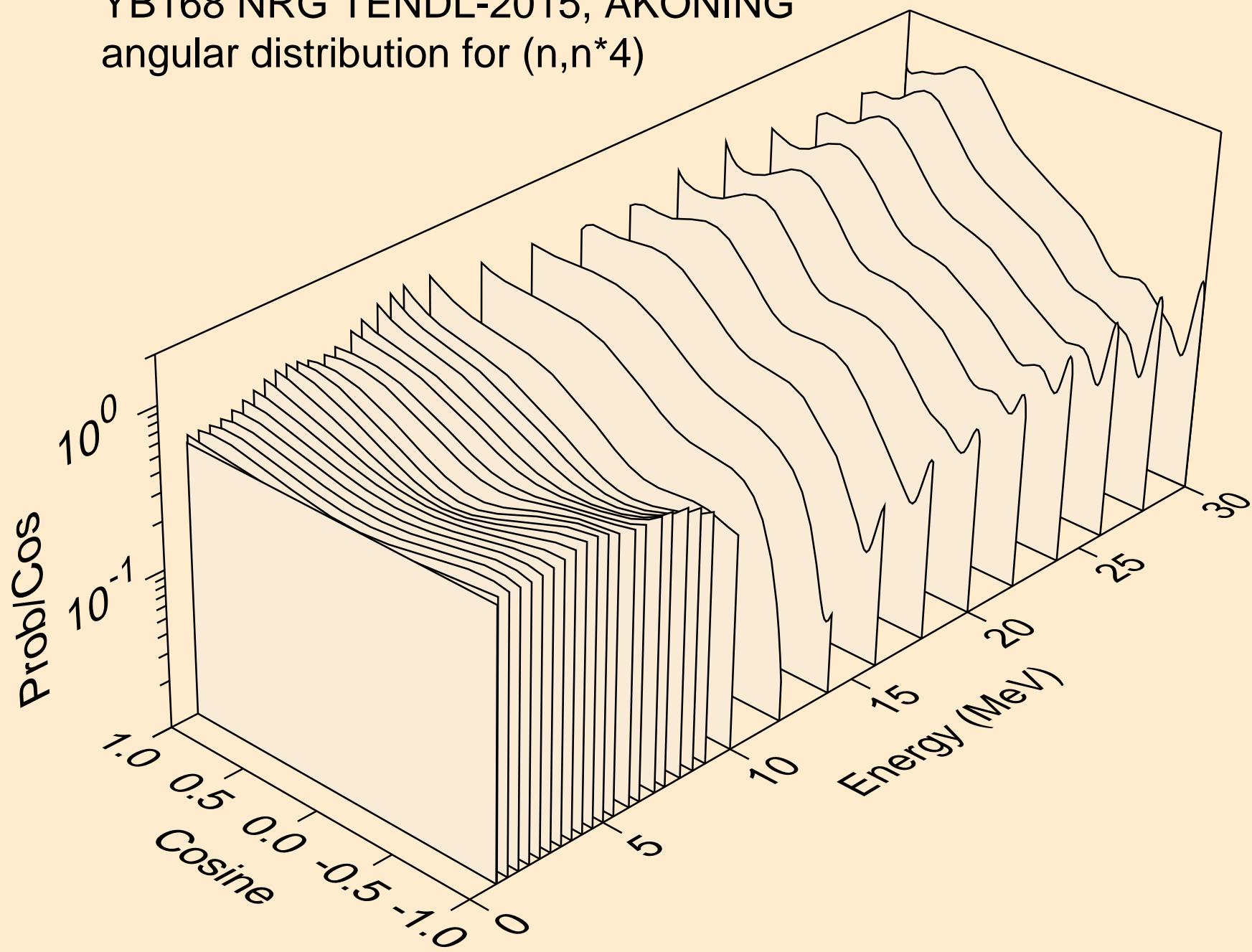
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*2)$



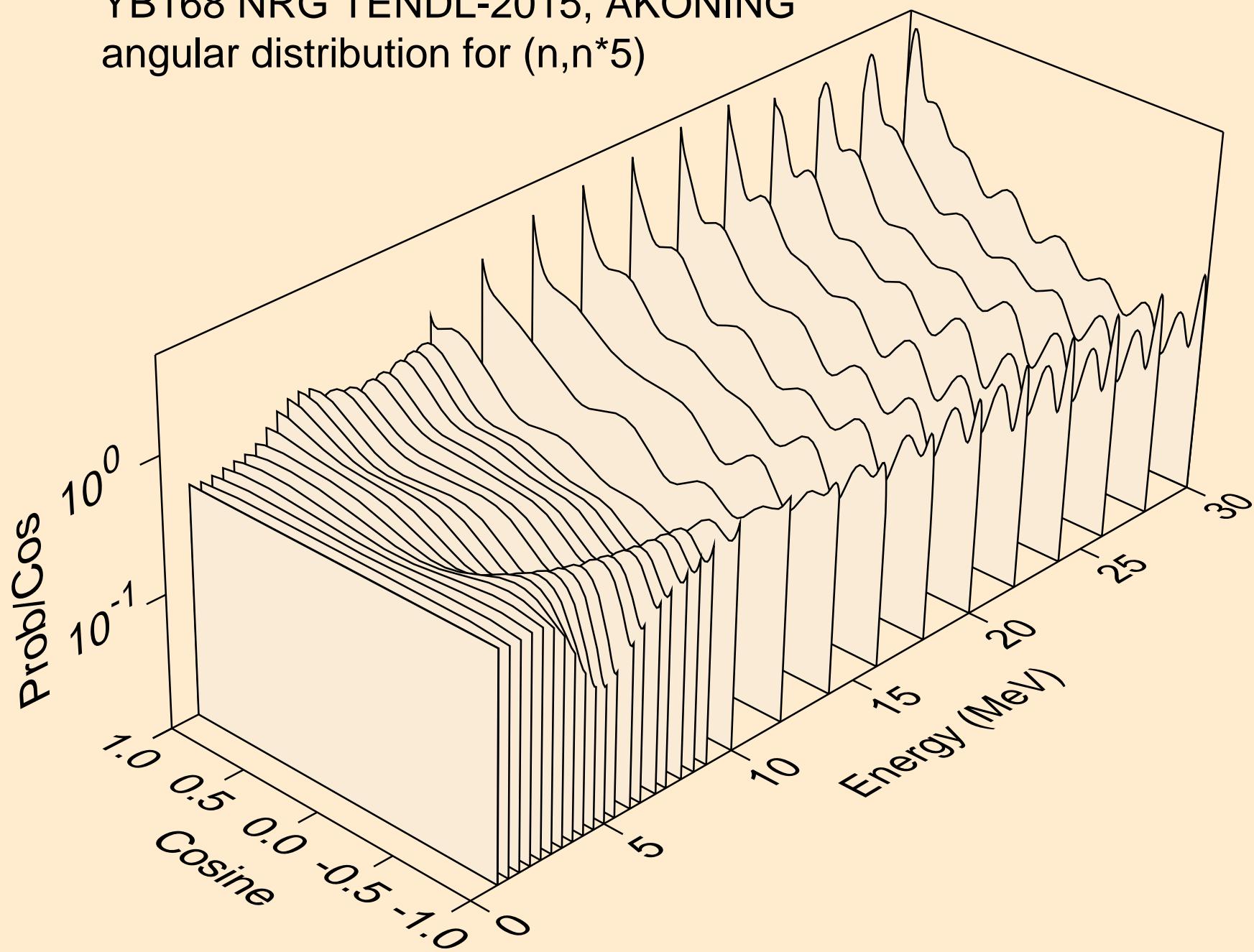
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



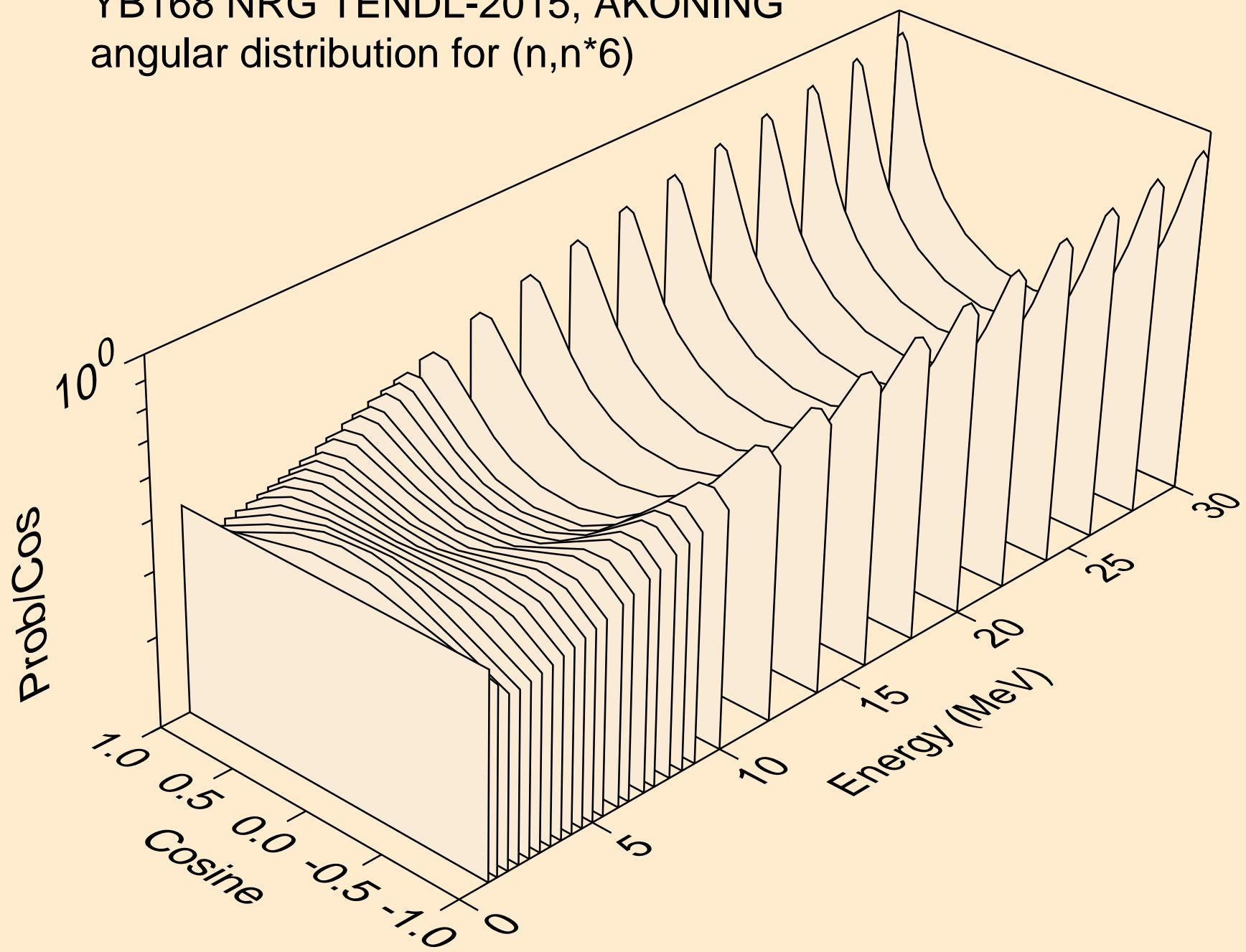
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



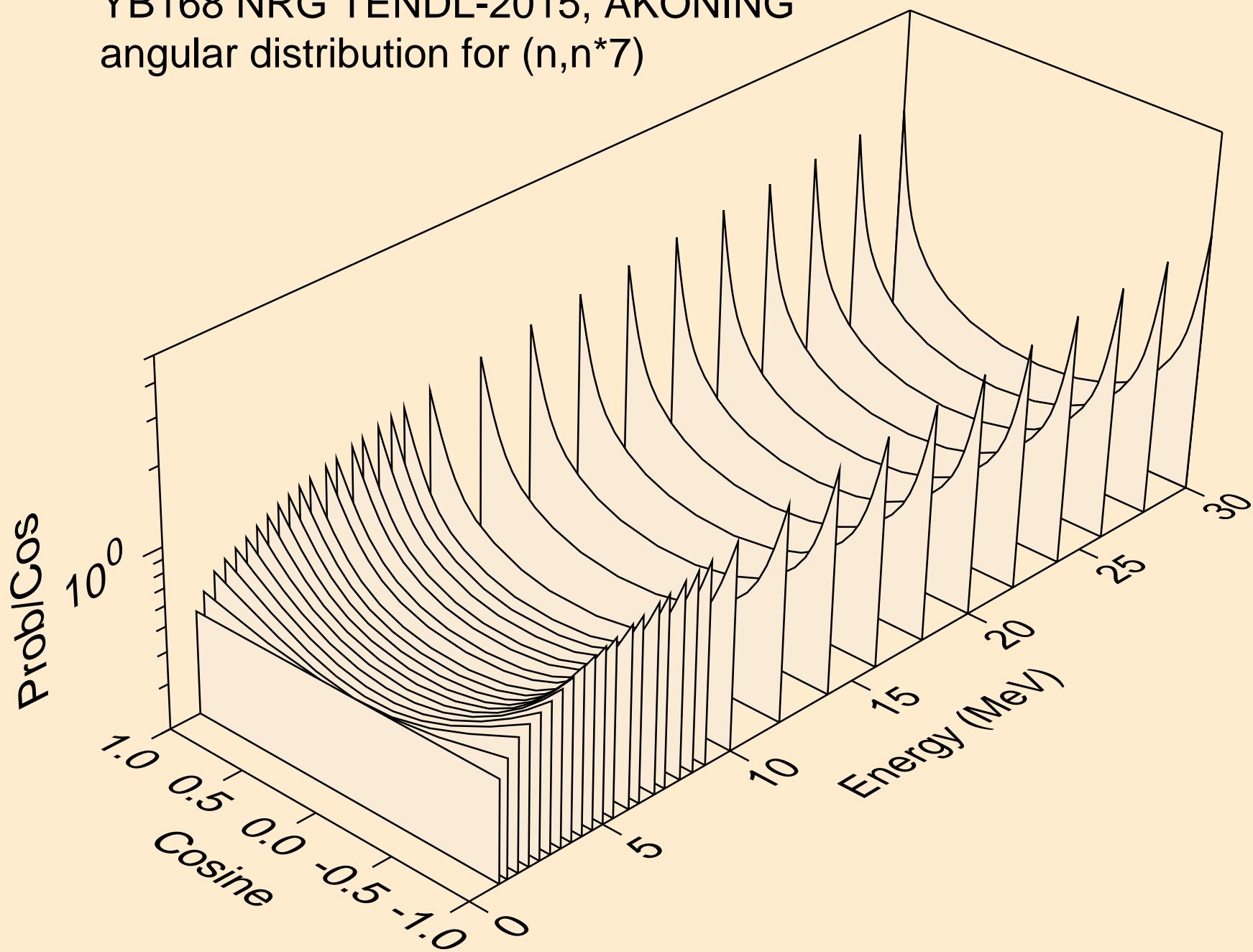
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



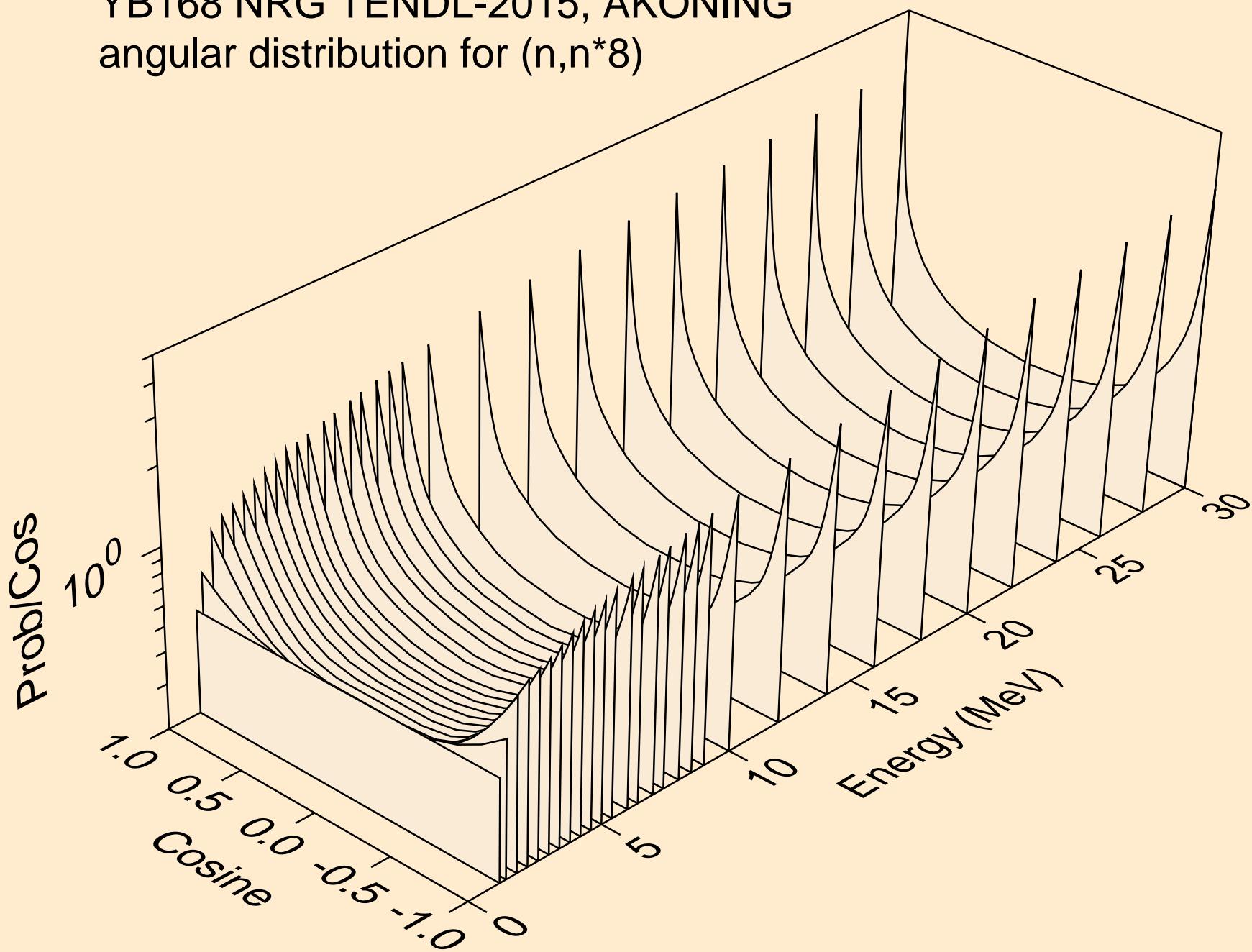
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



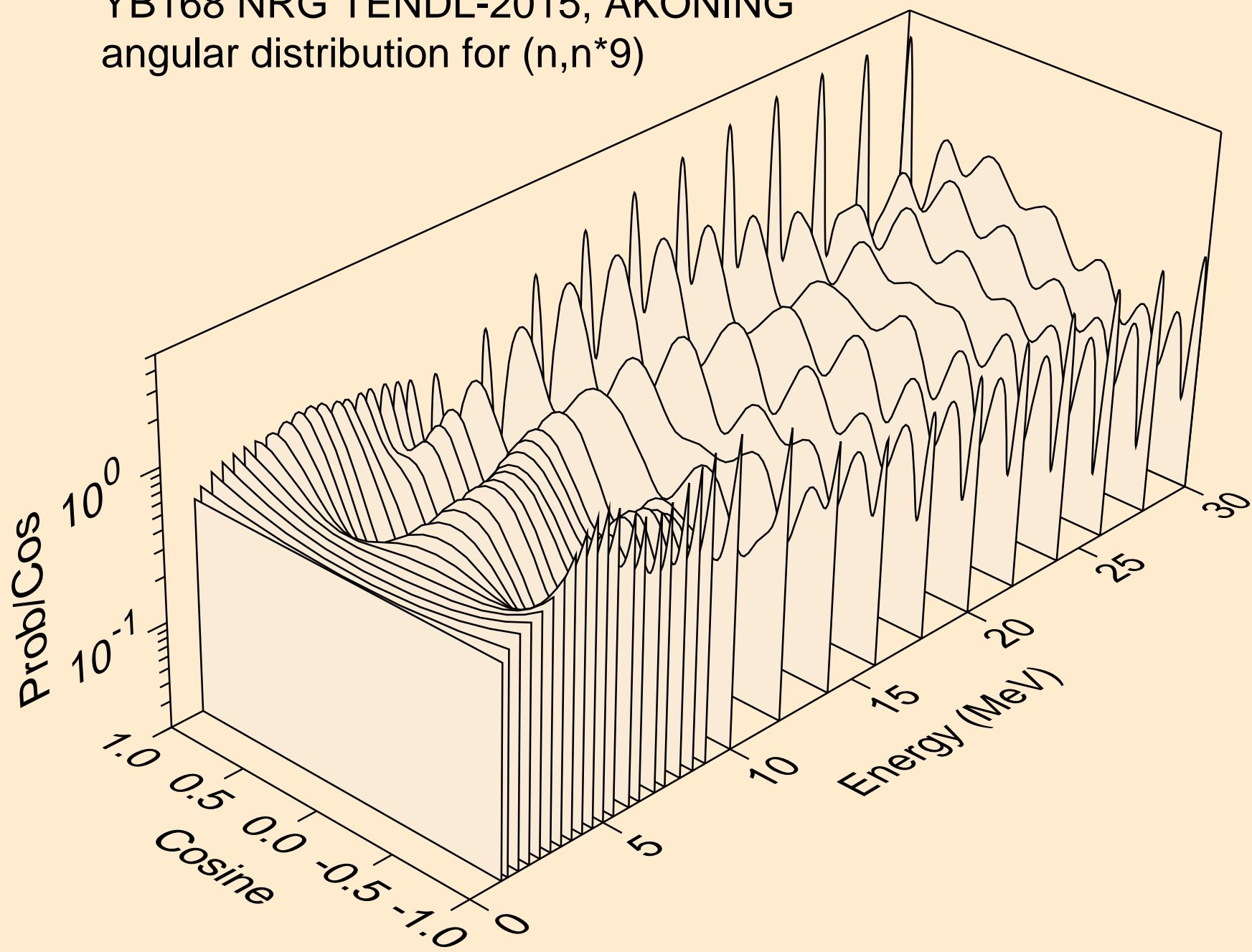
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



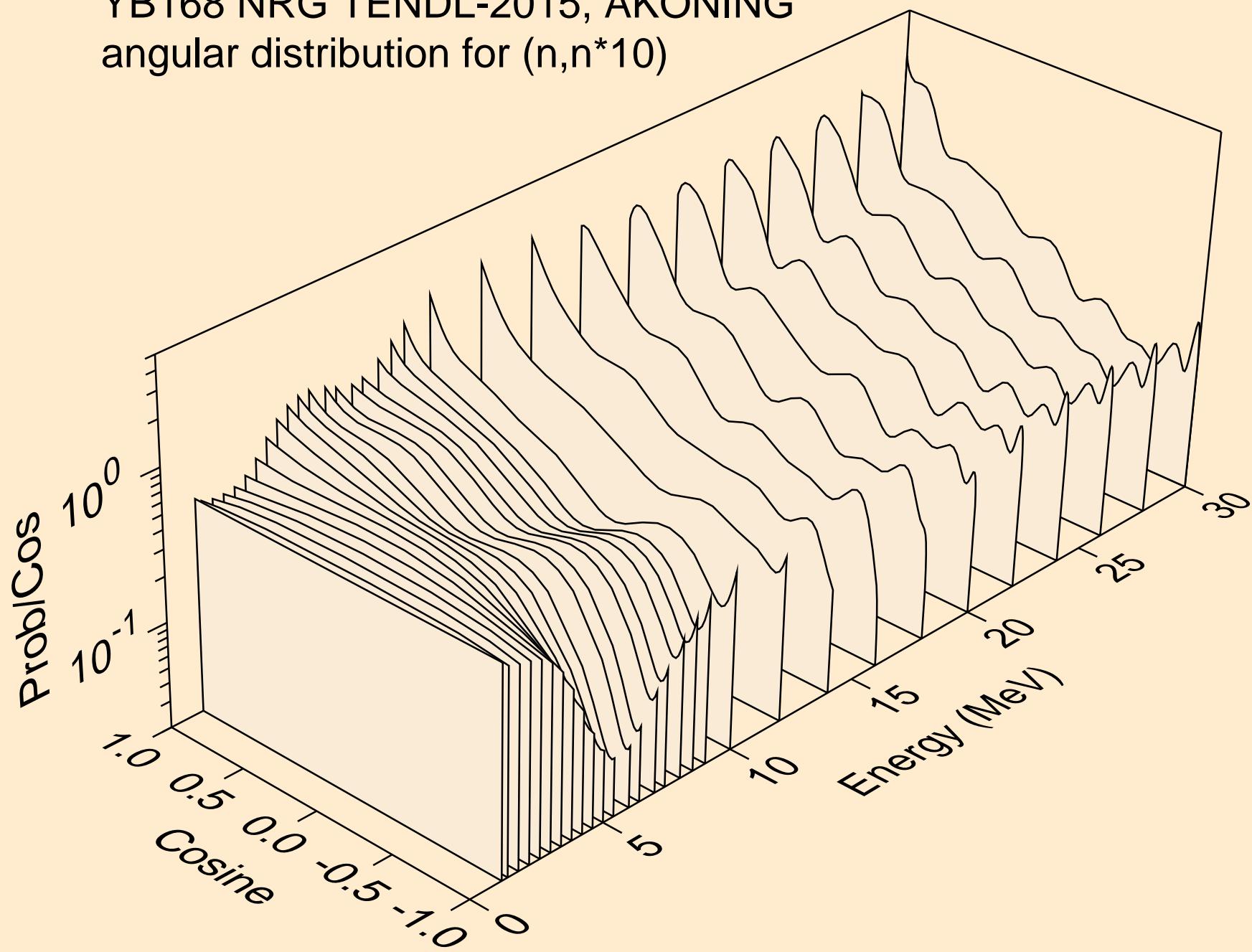
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



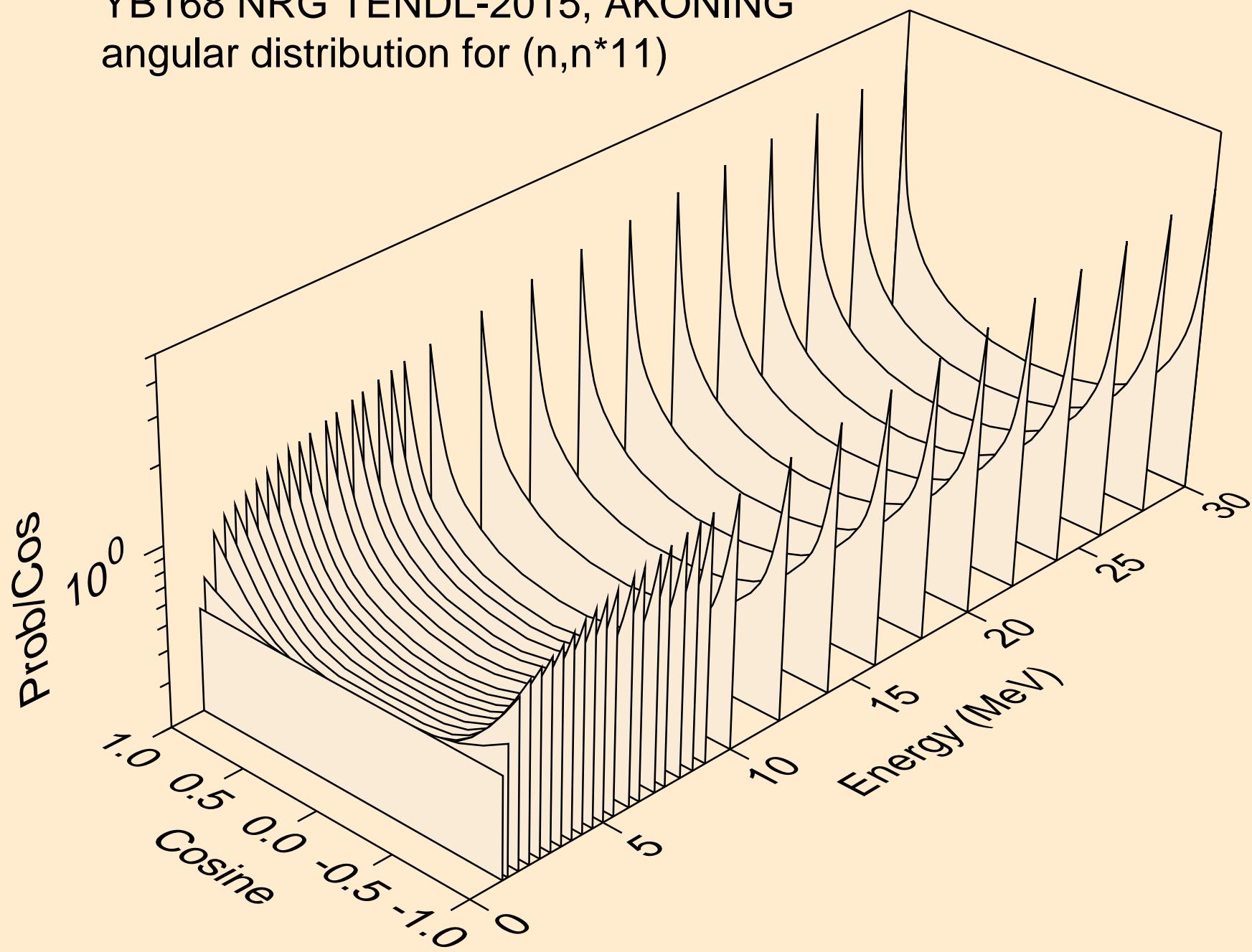
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)9$



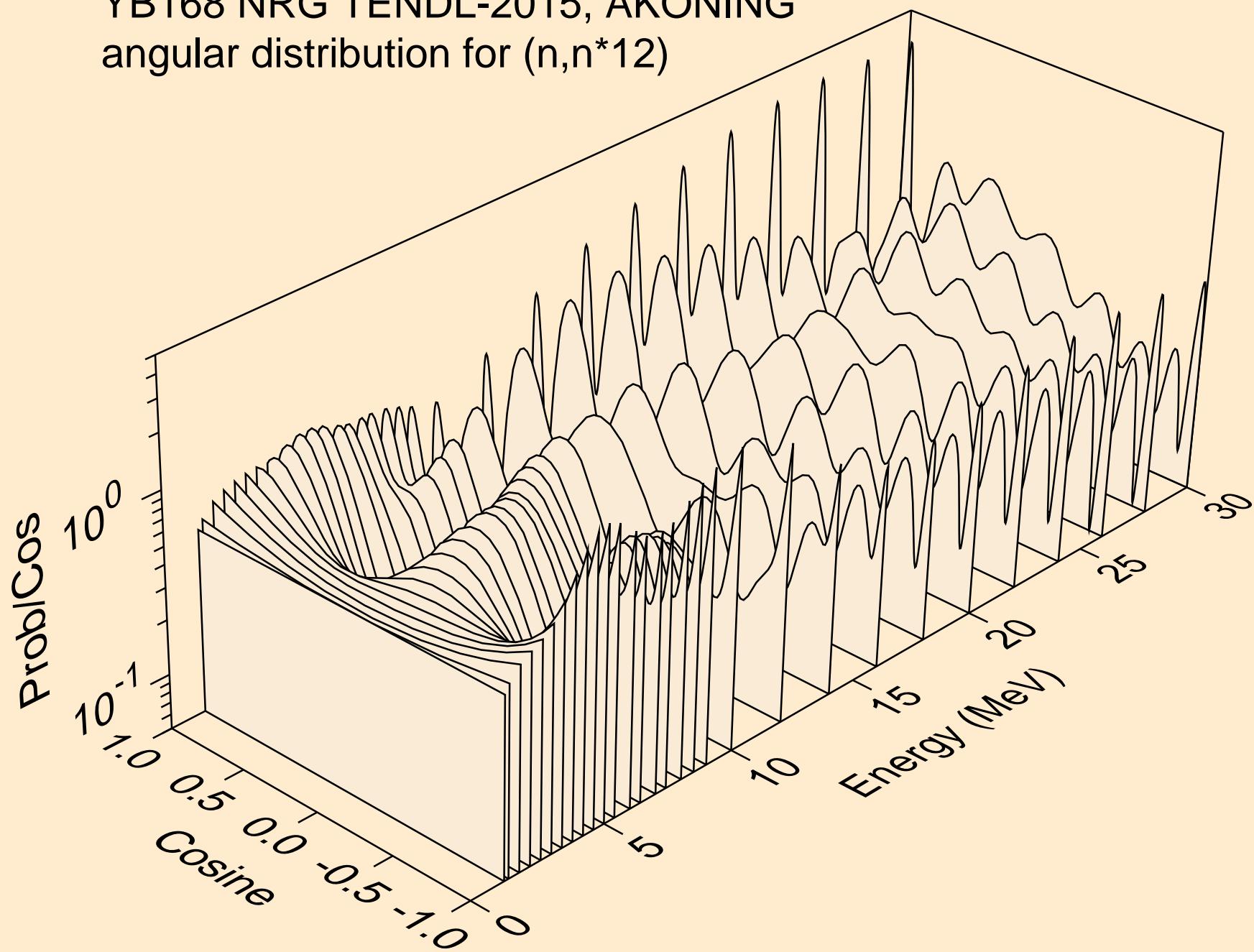
YB168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



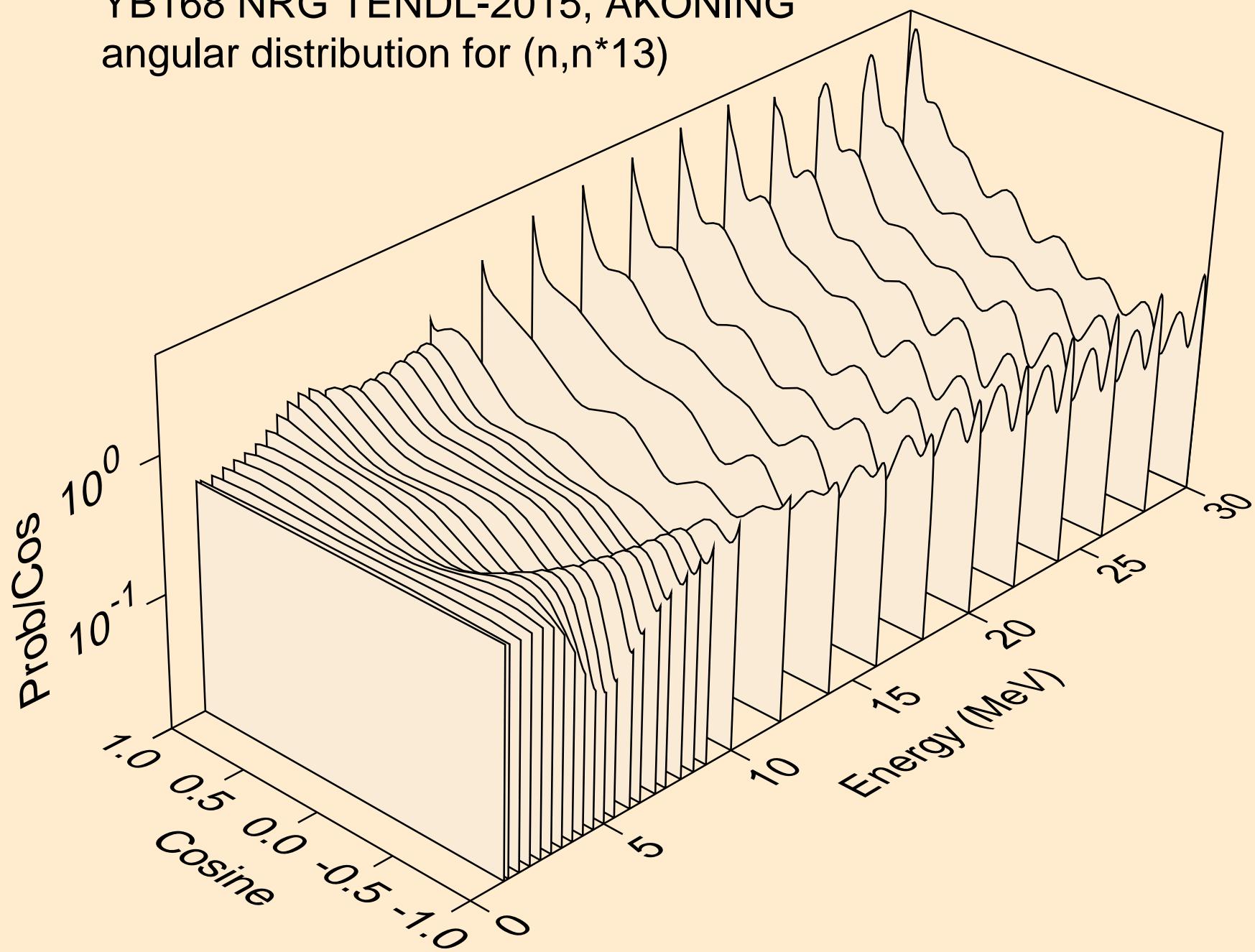
YB168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



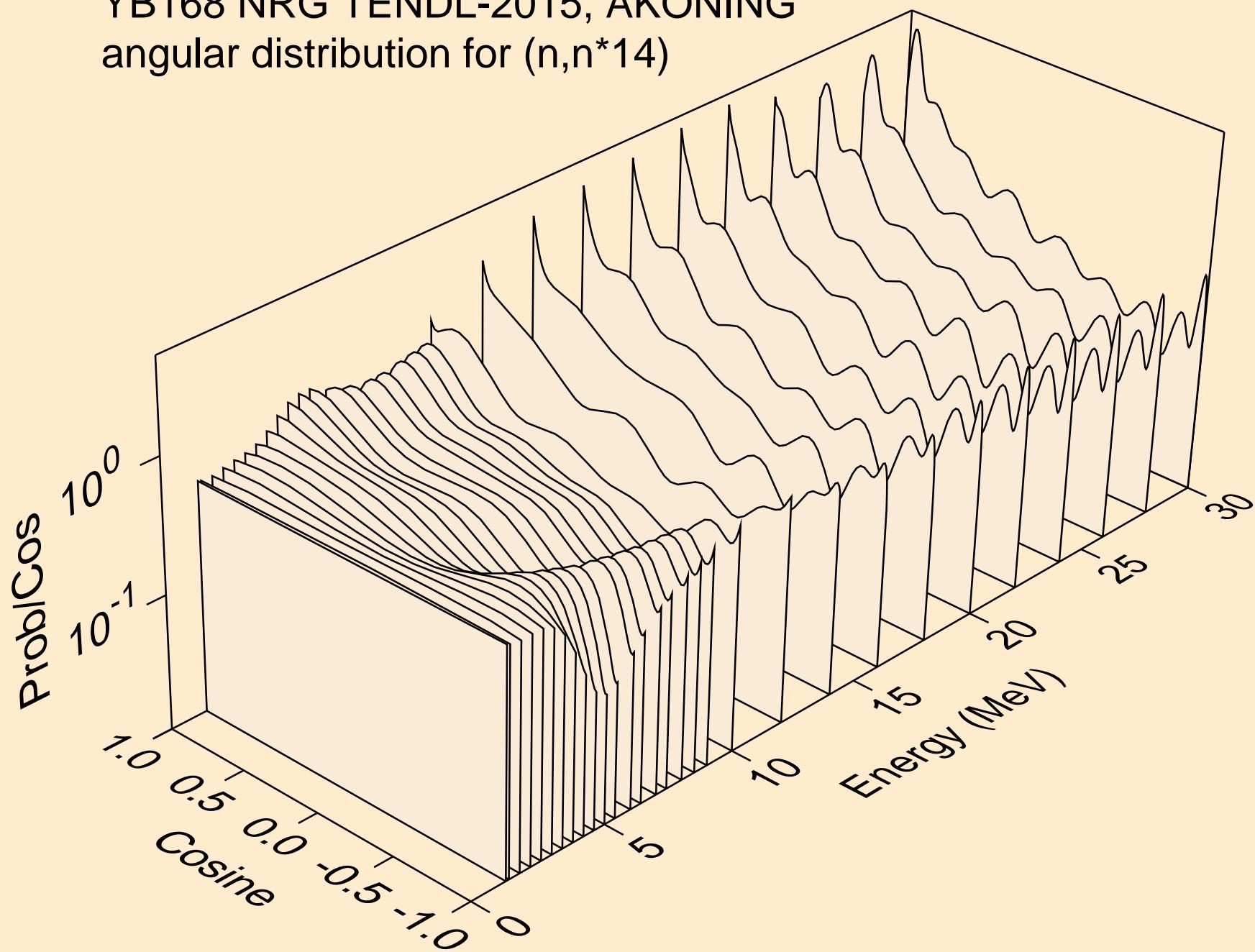
YB168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



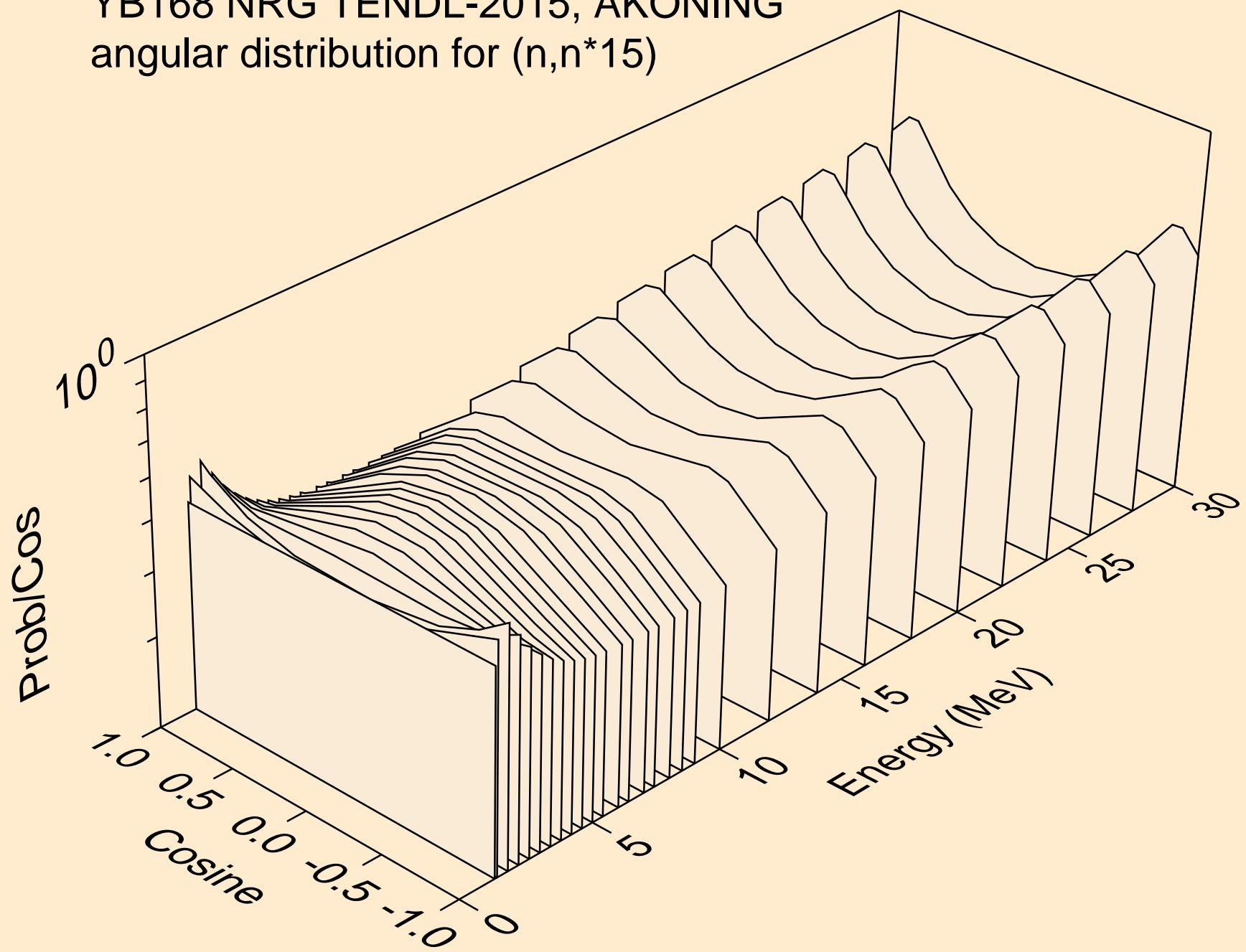
YB168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



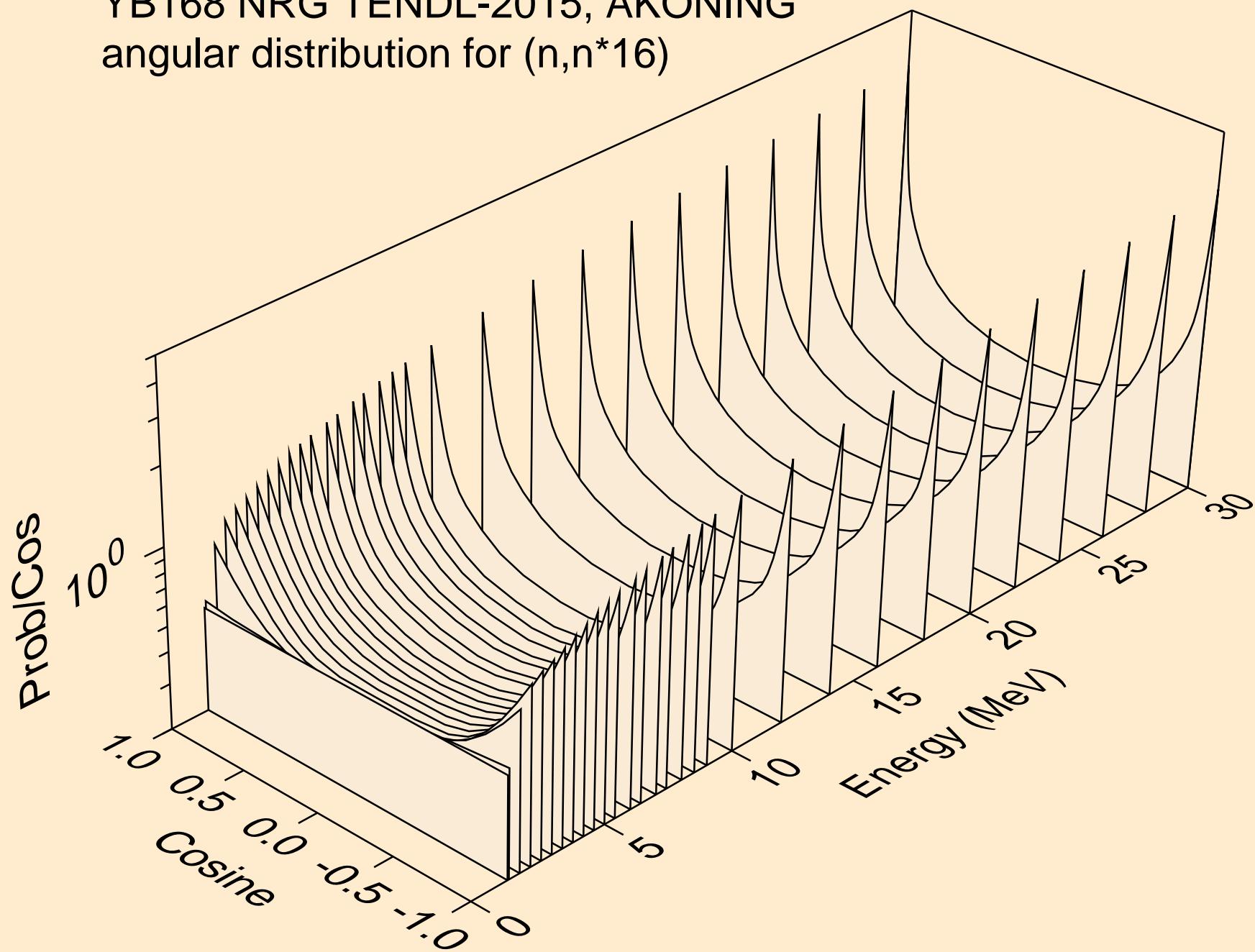
YB168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



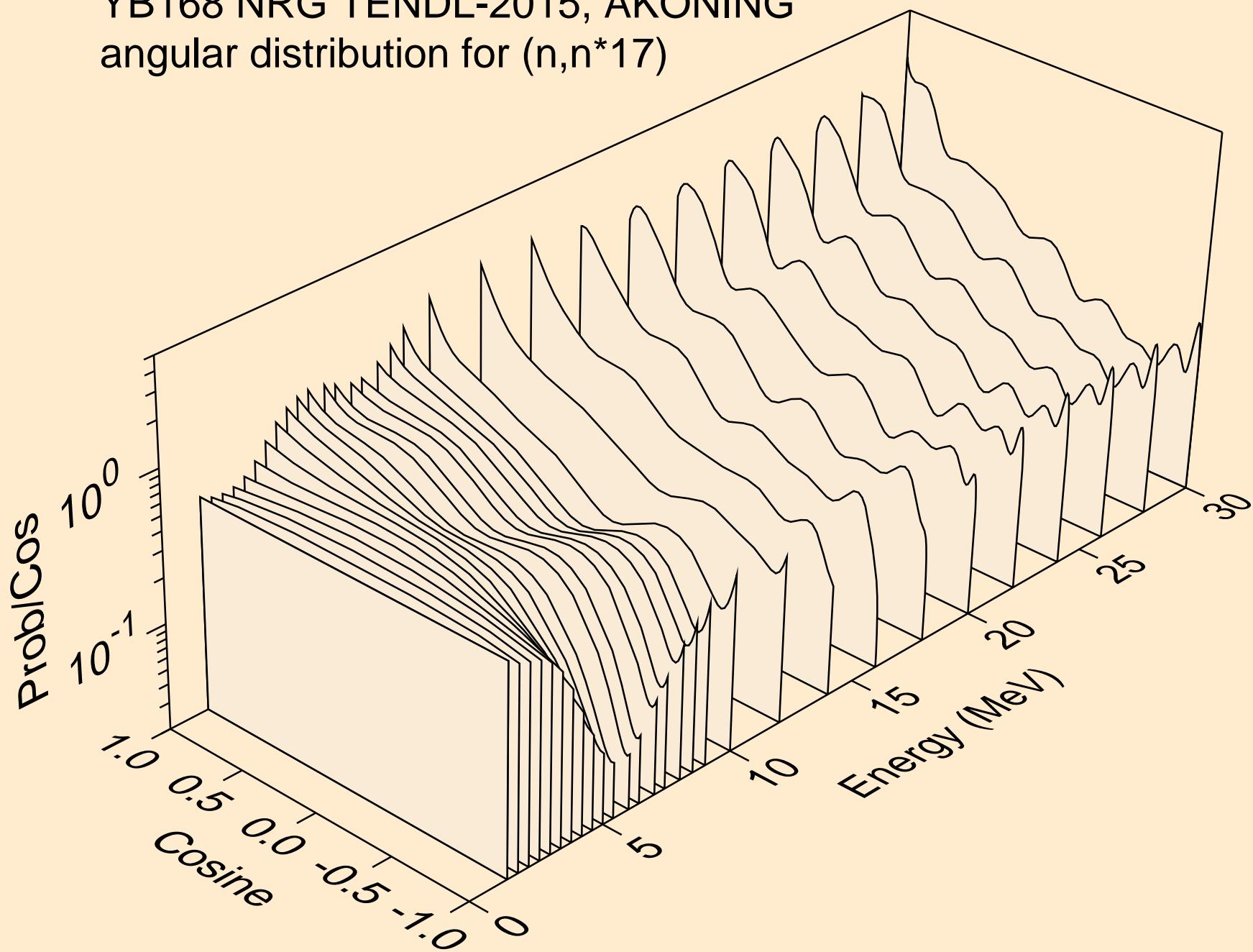
YB168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



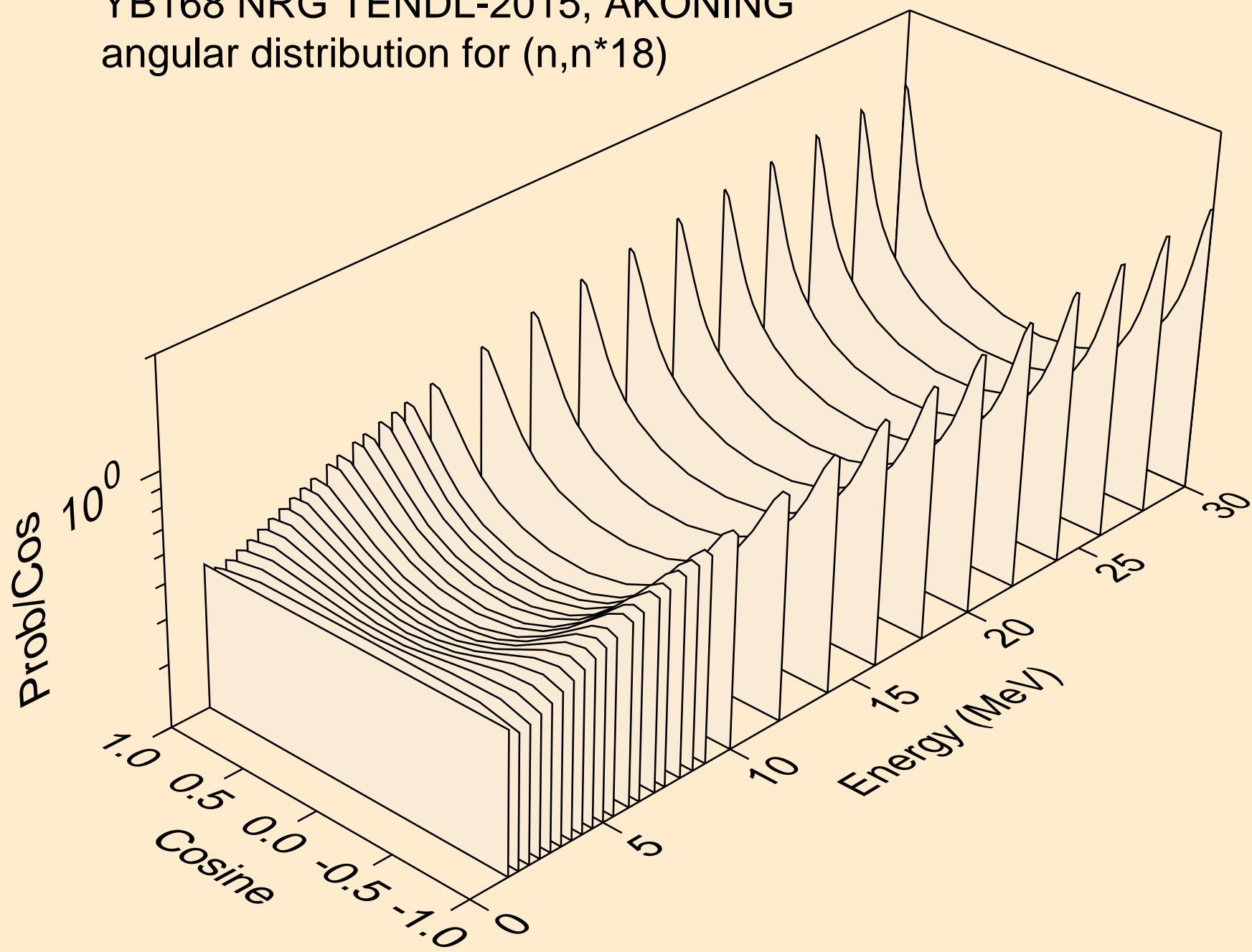
YB168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



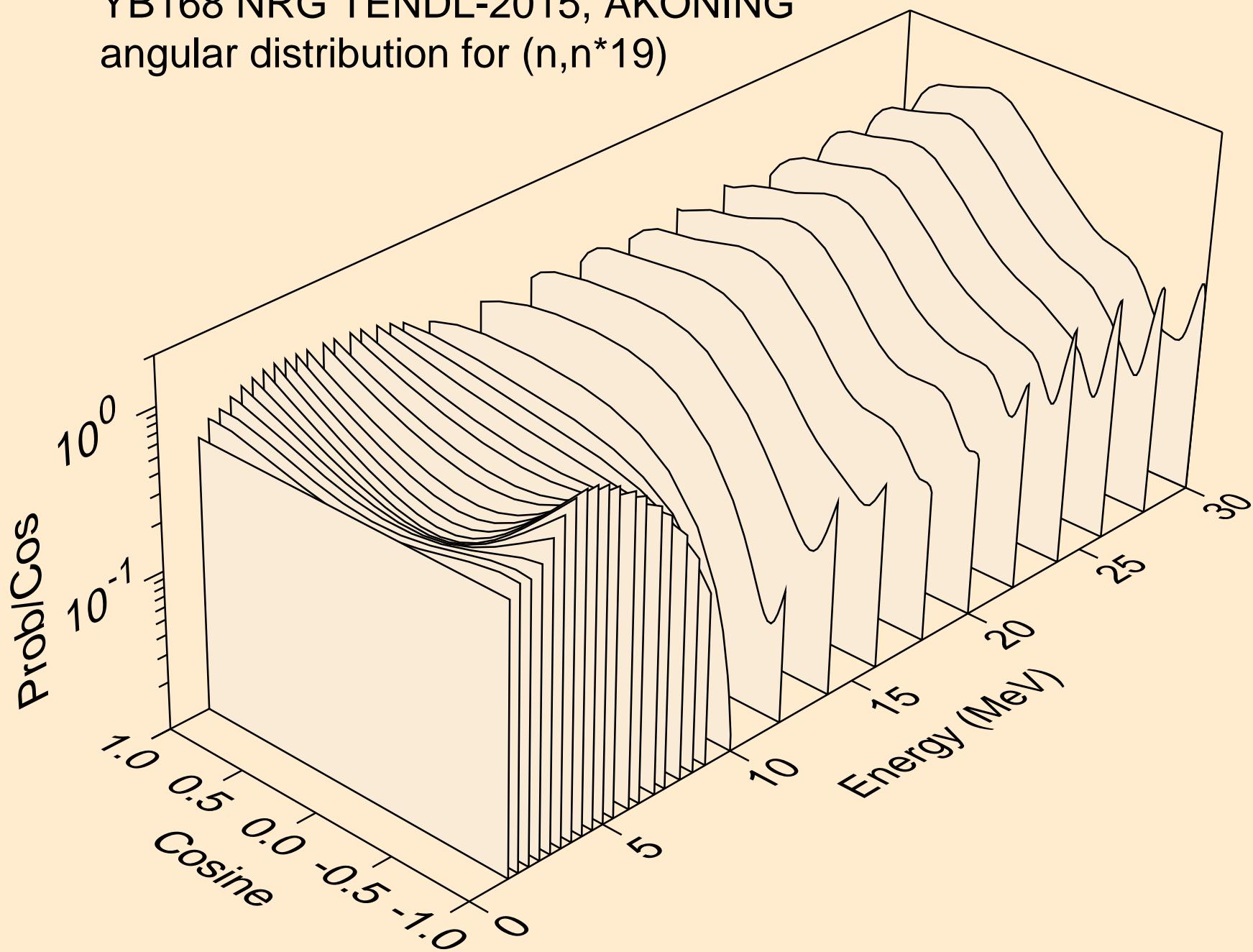
YB168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



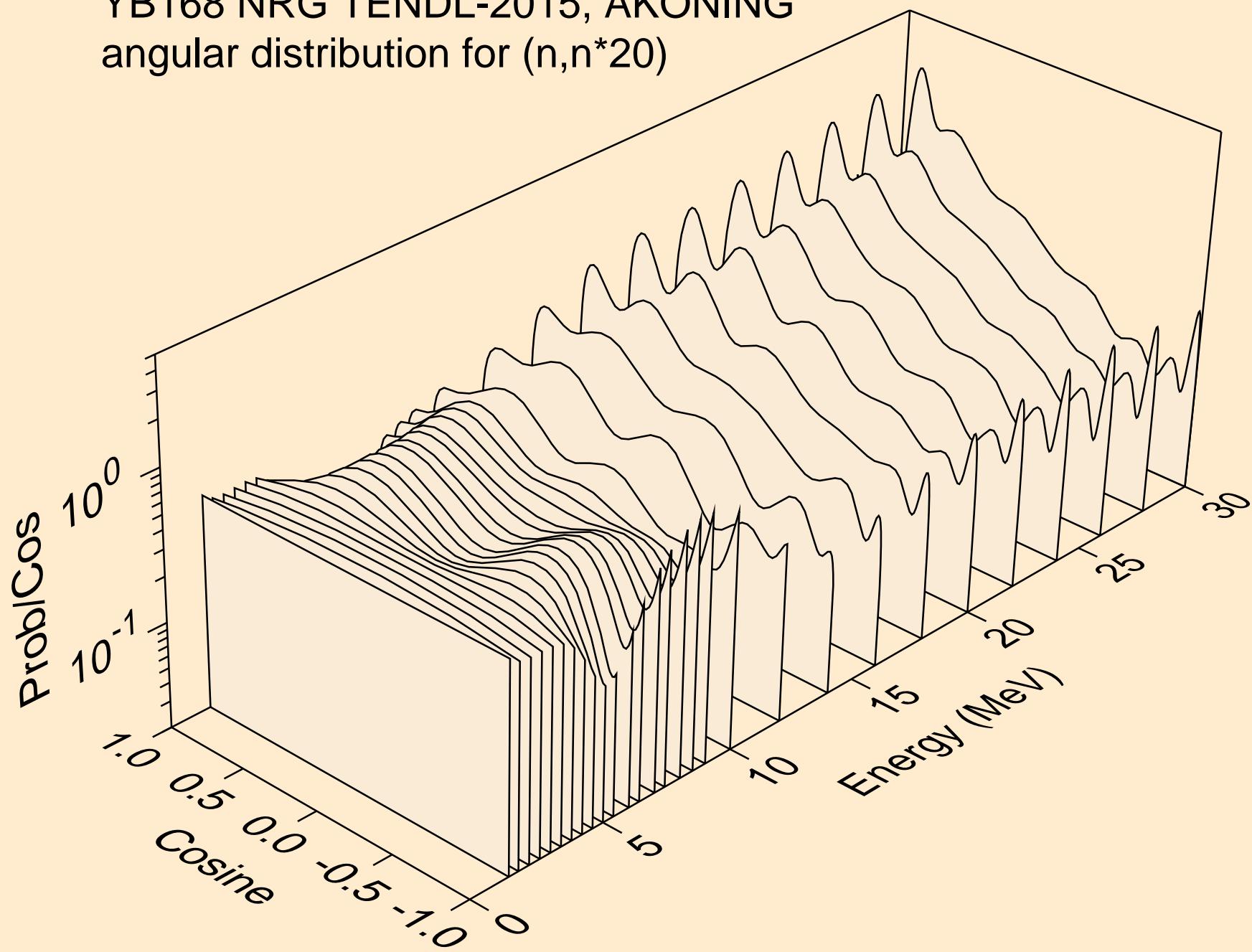
YB168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



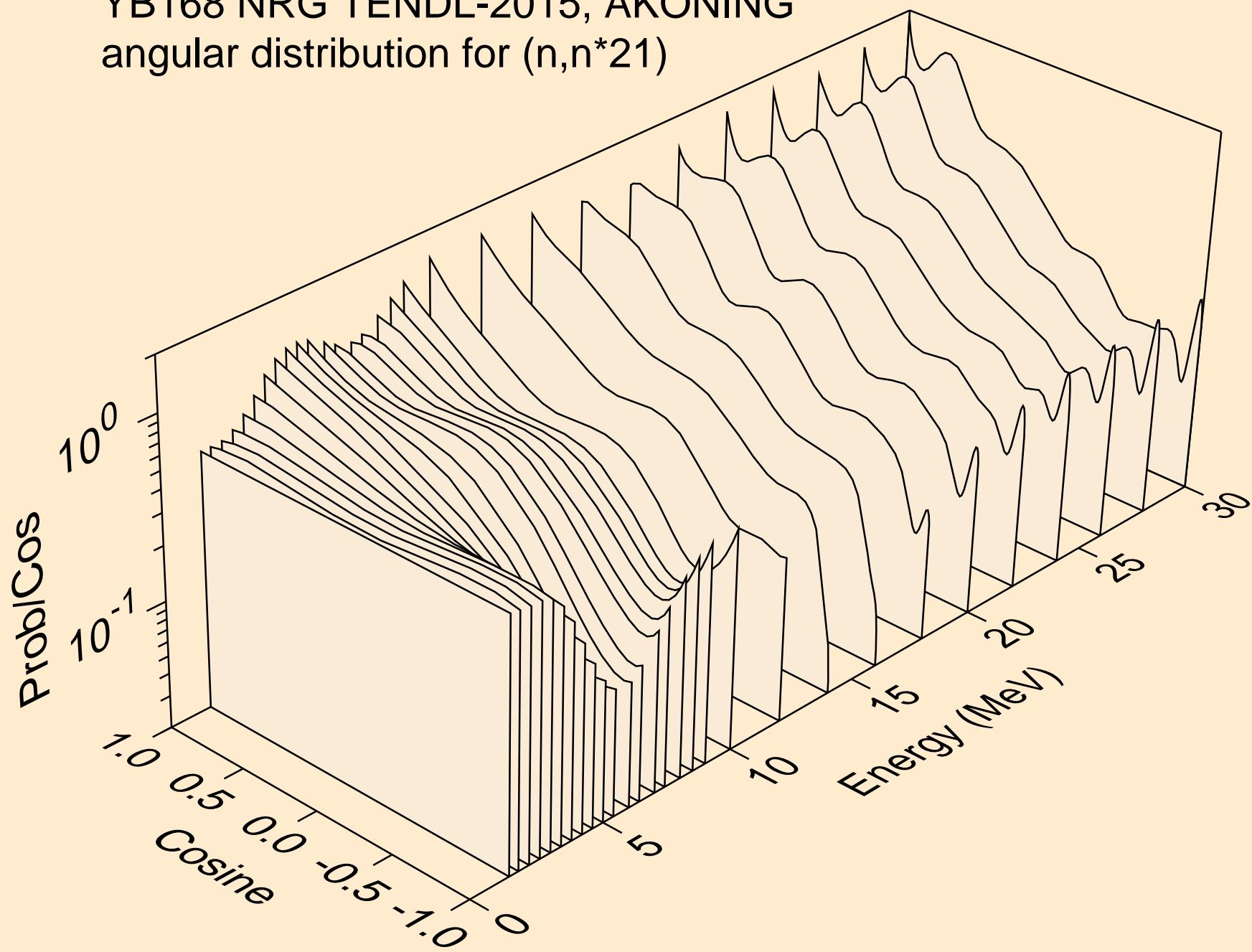
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*19)$



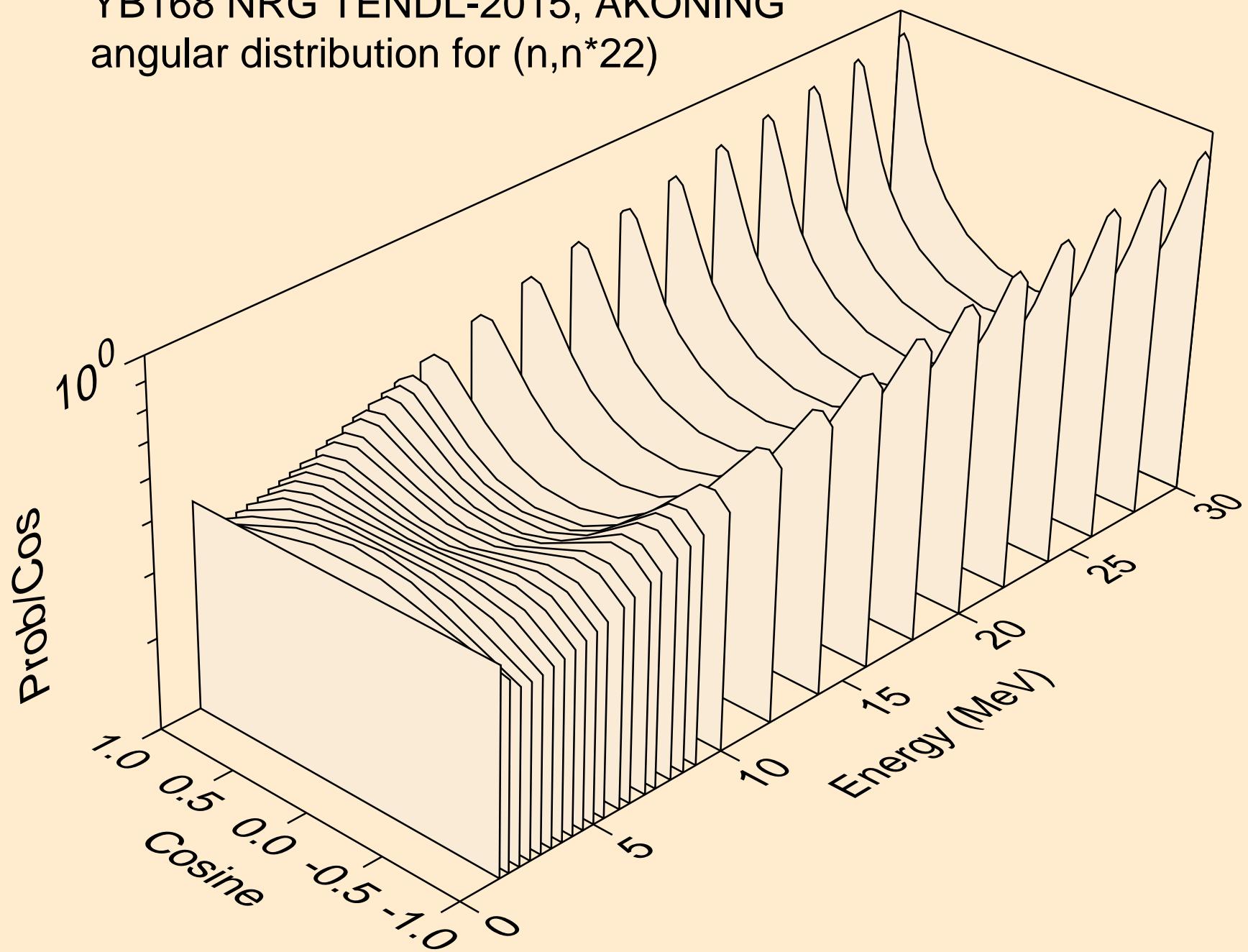
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{20}$



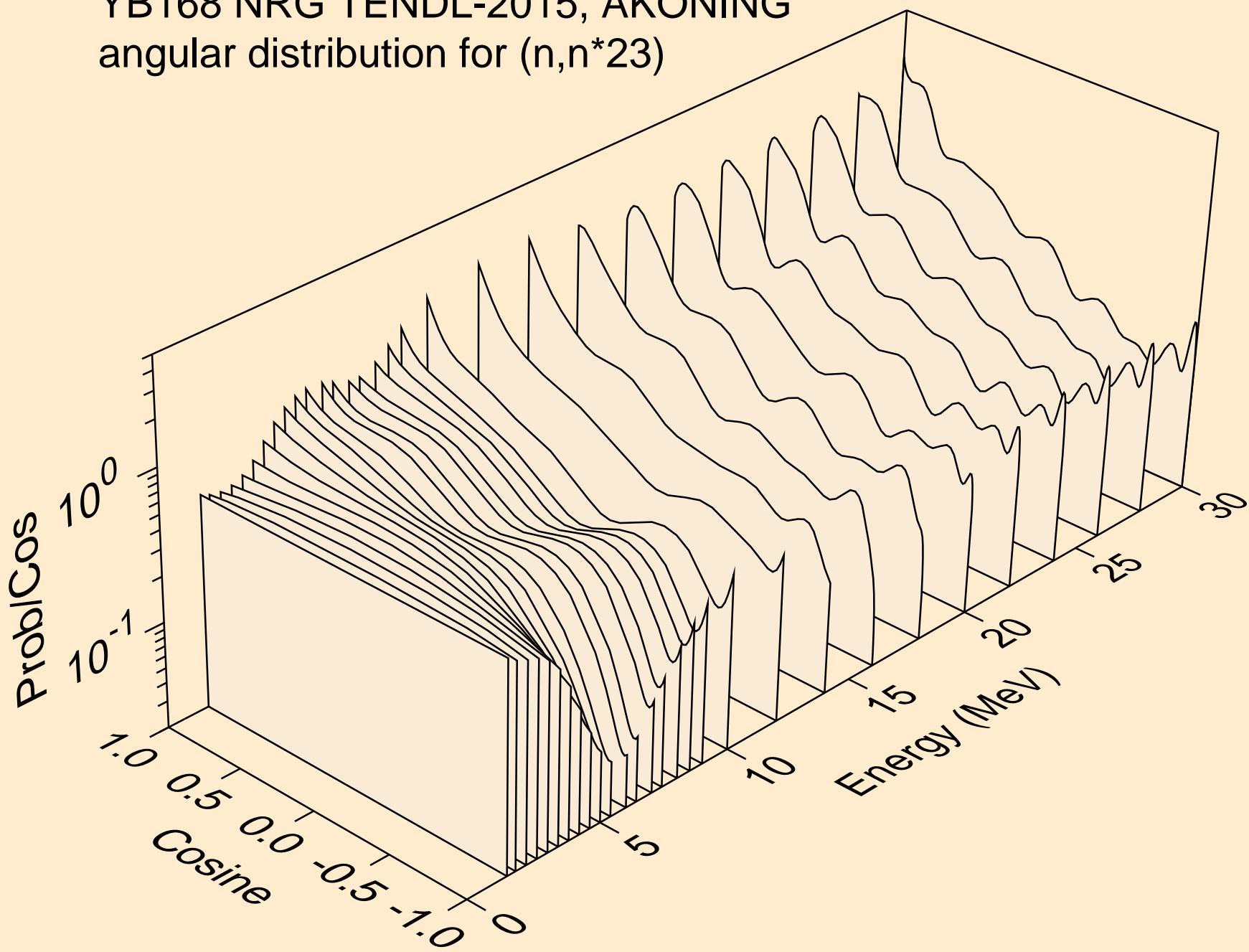
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*21)$



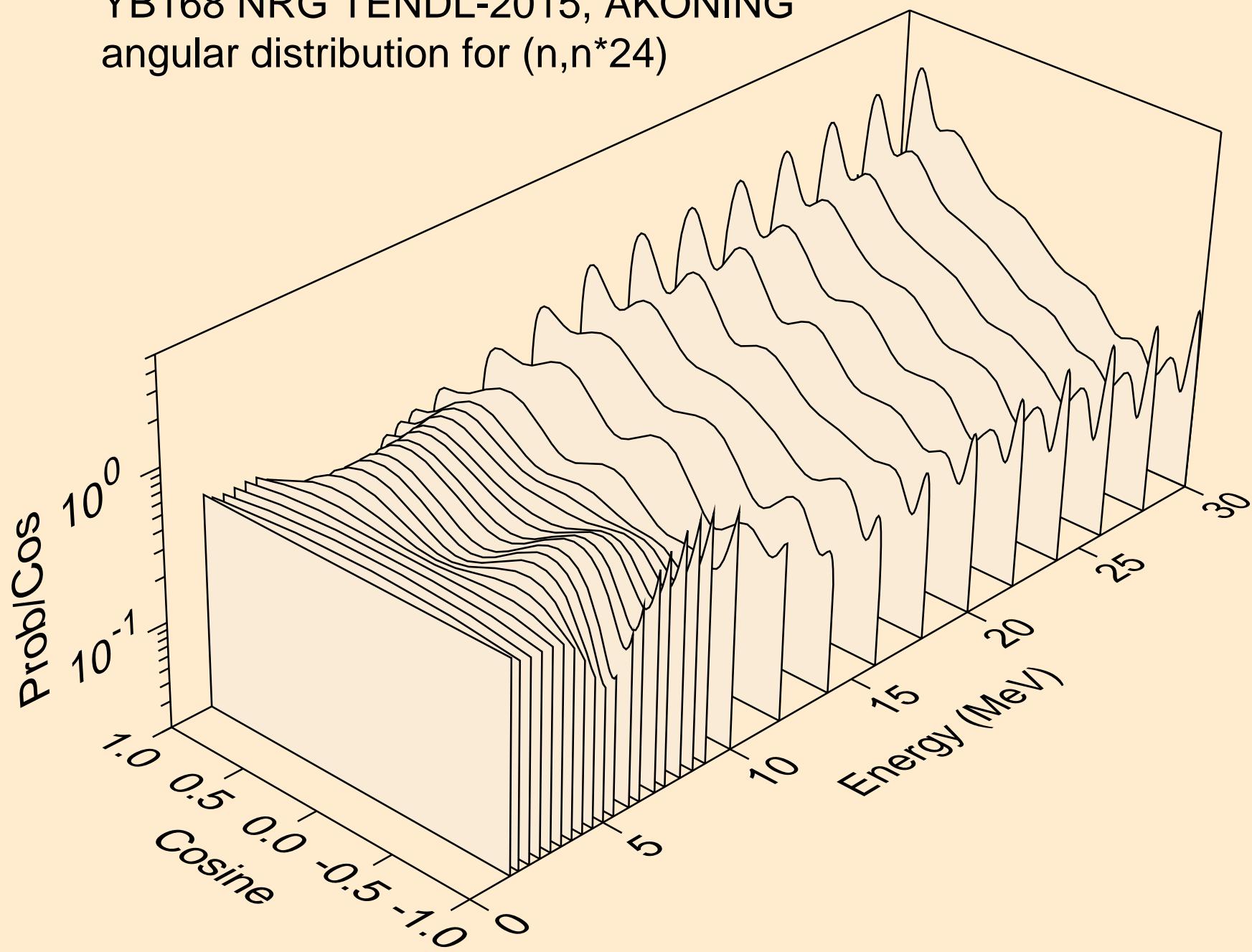
YB168 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )<sup>22</sup>



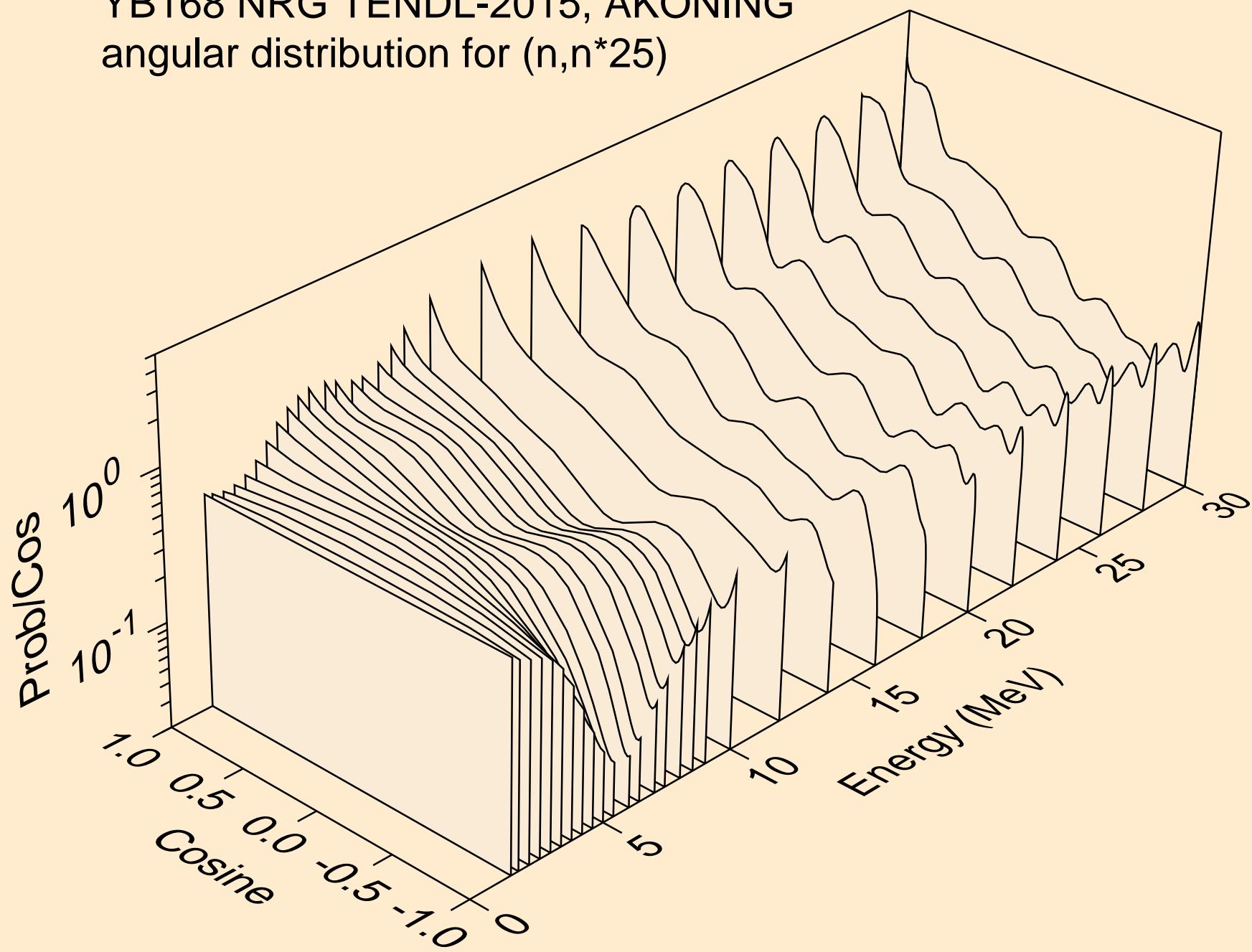
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{23}$



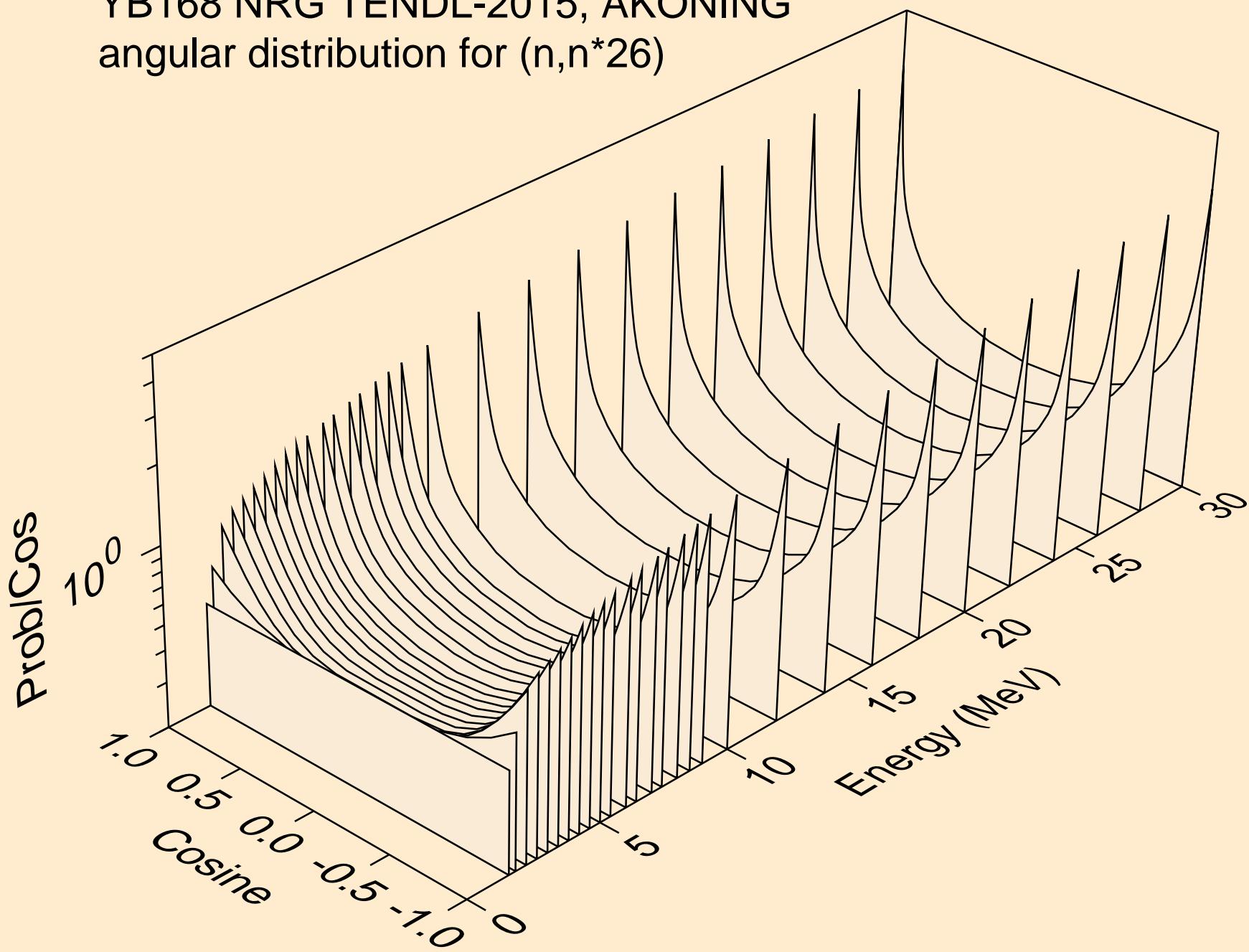
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{24}$



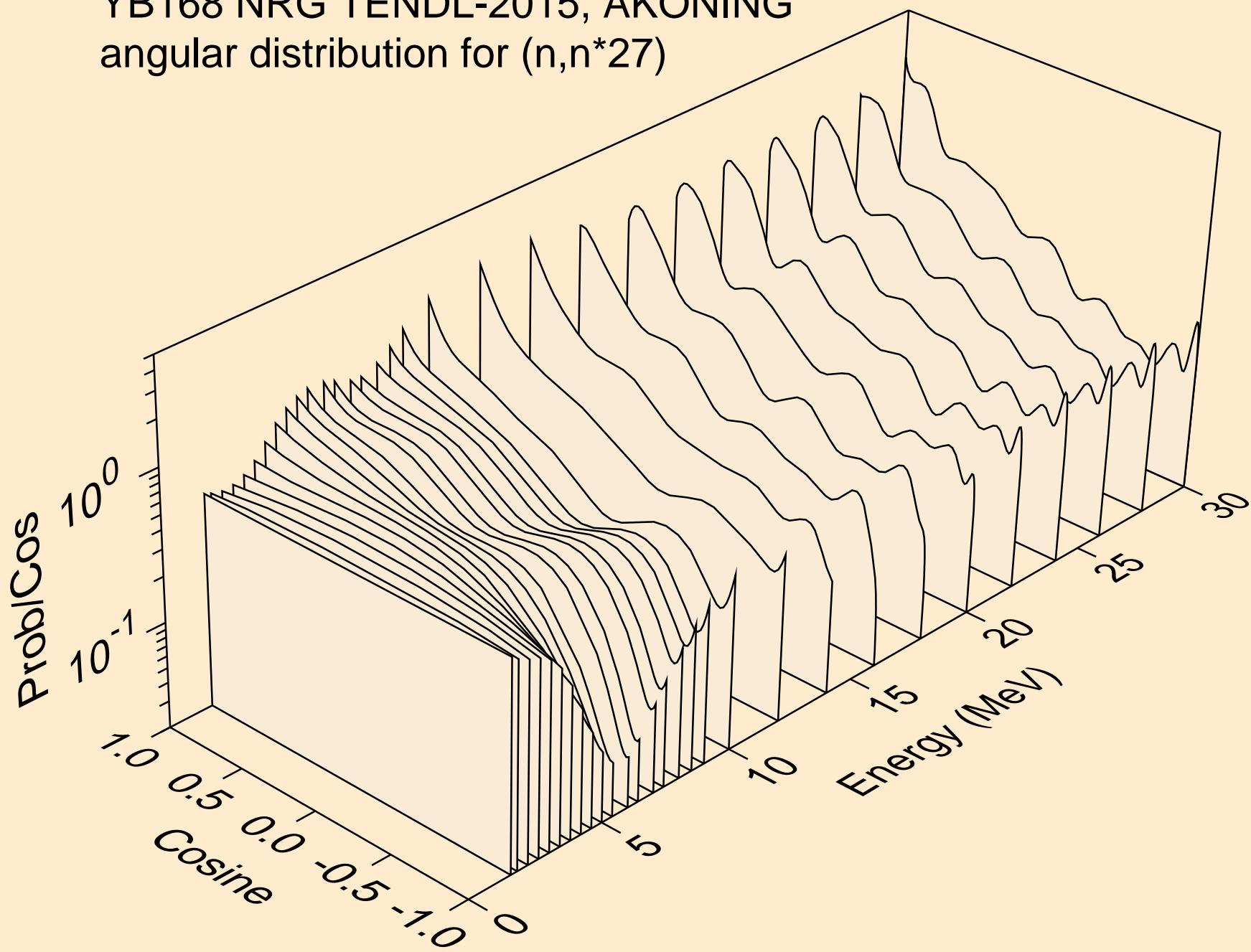
YB168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



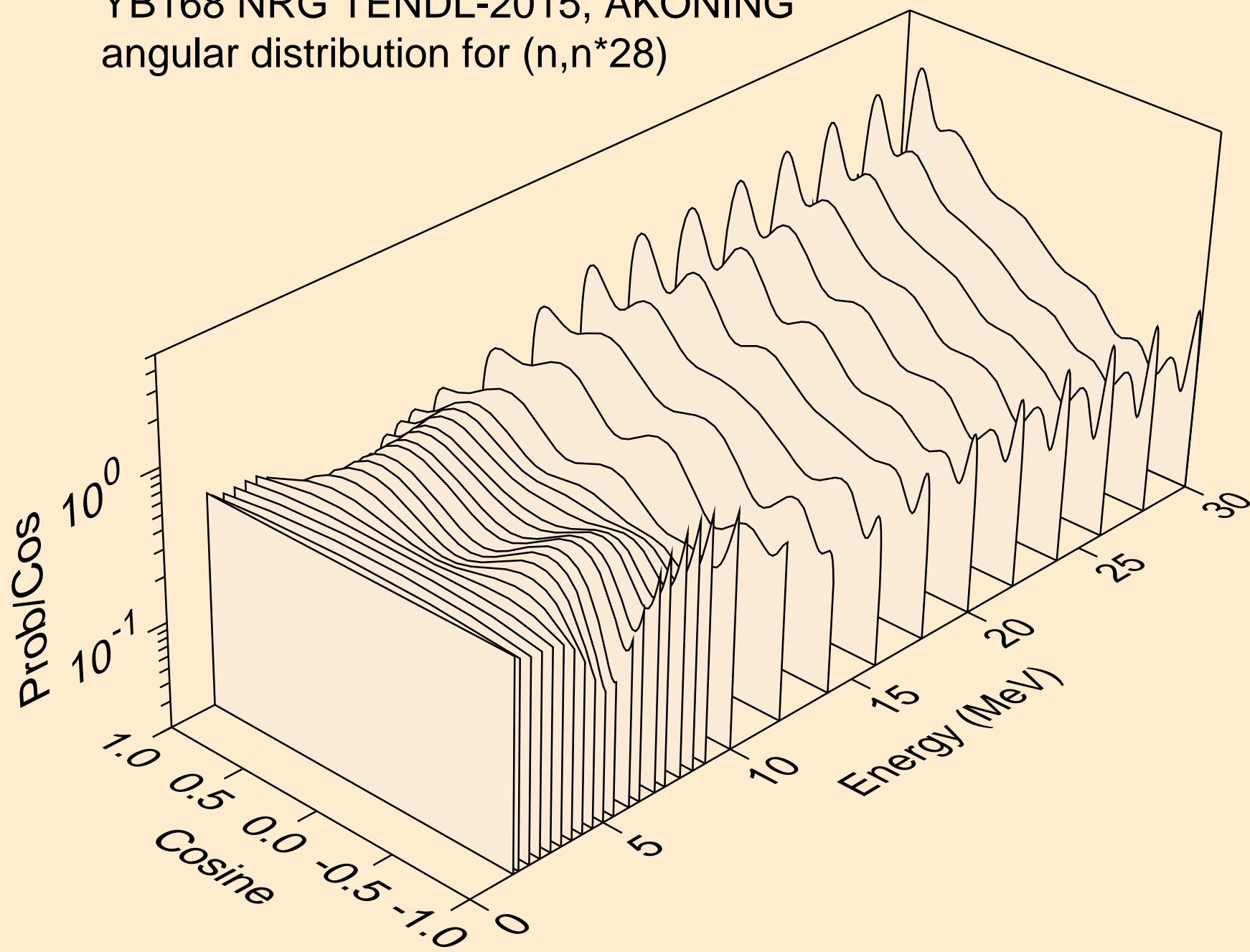
YB168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



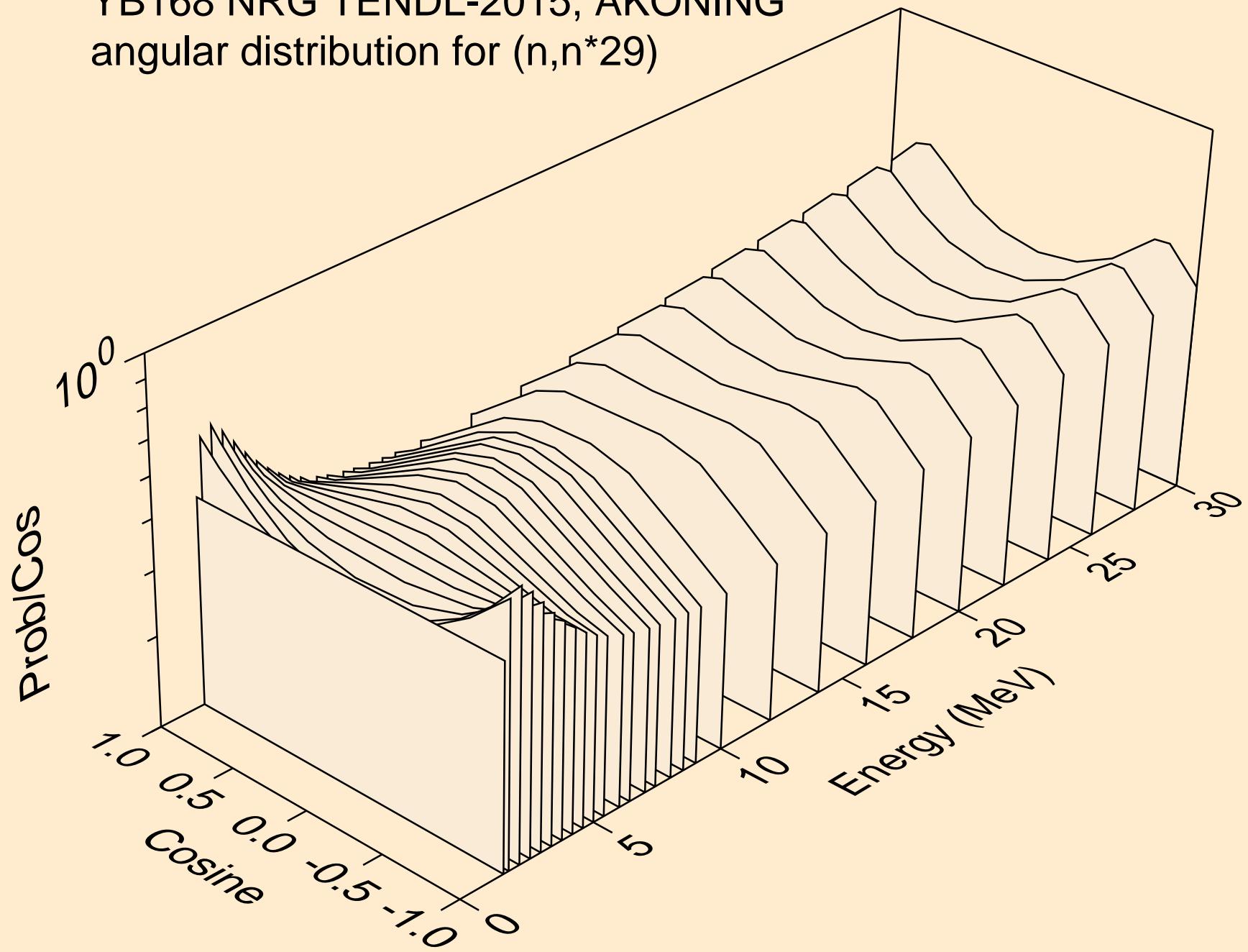
YB168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



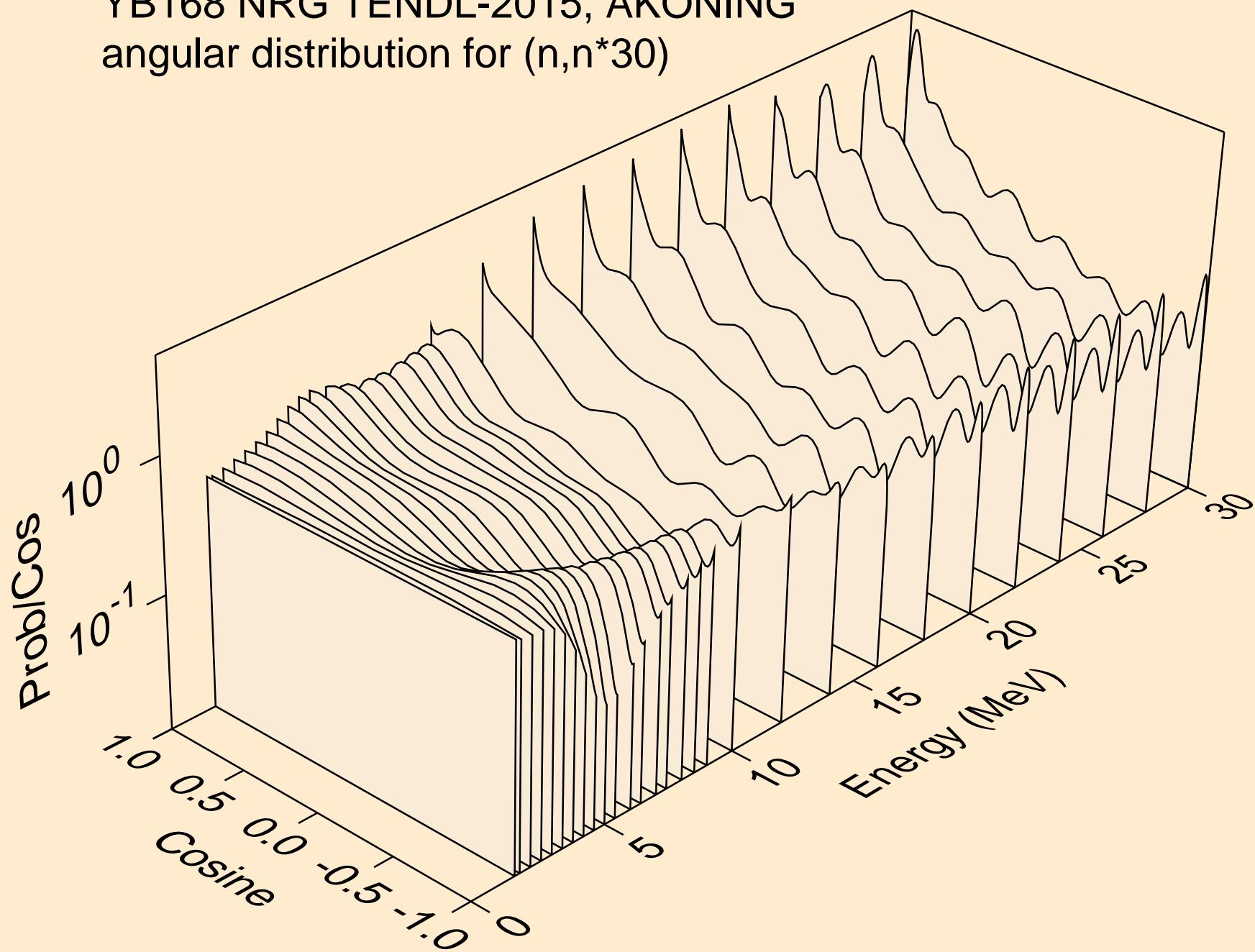
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{28}$



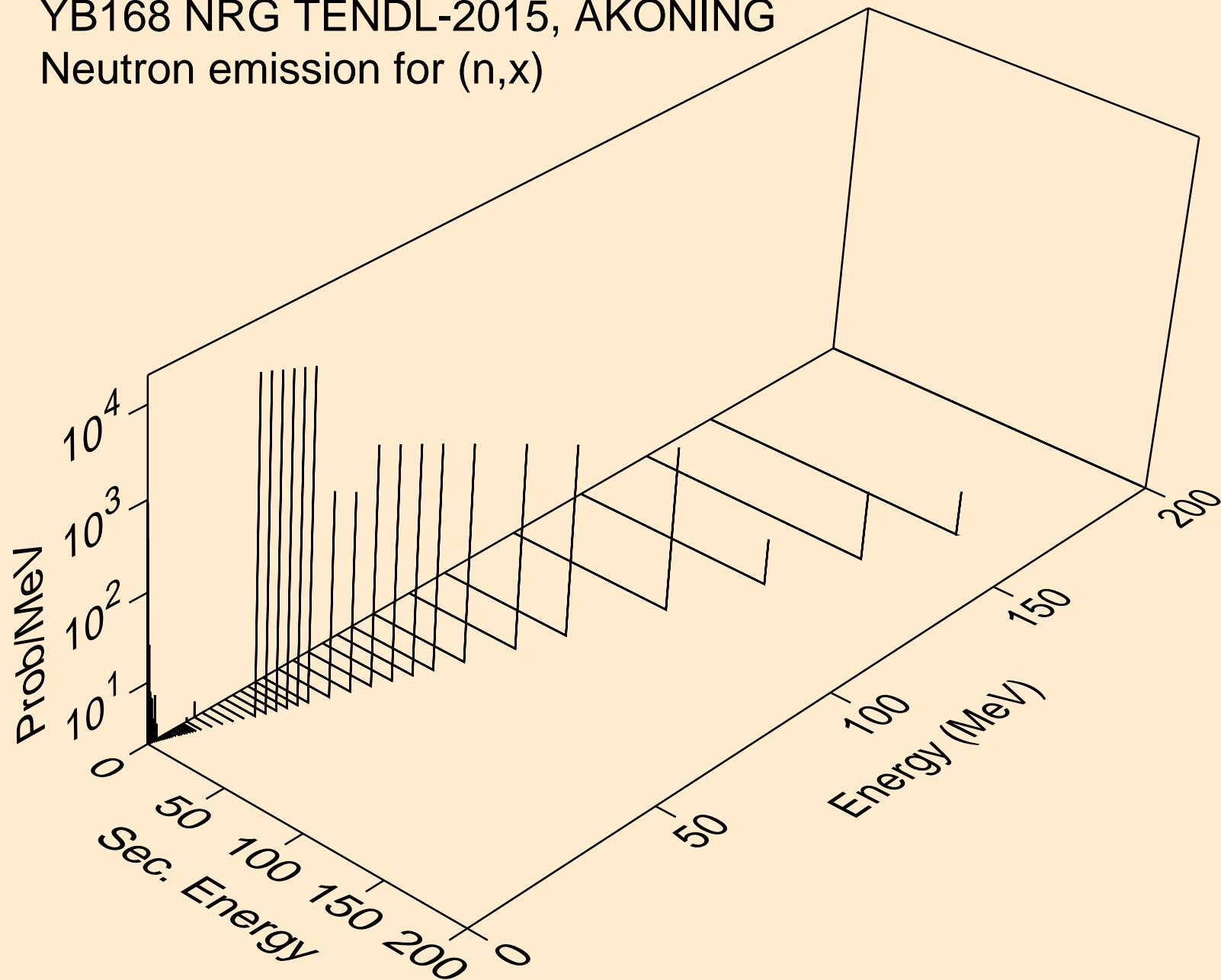
YB168 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



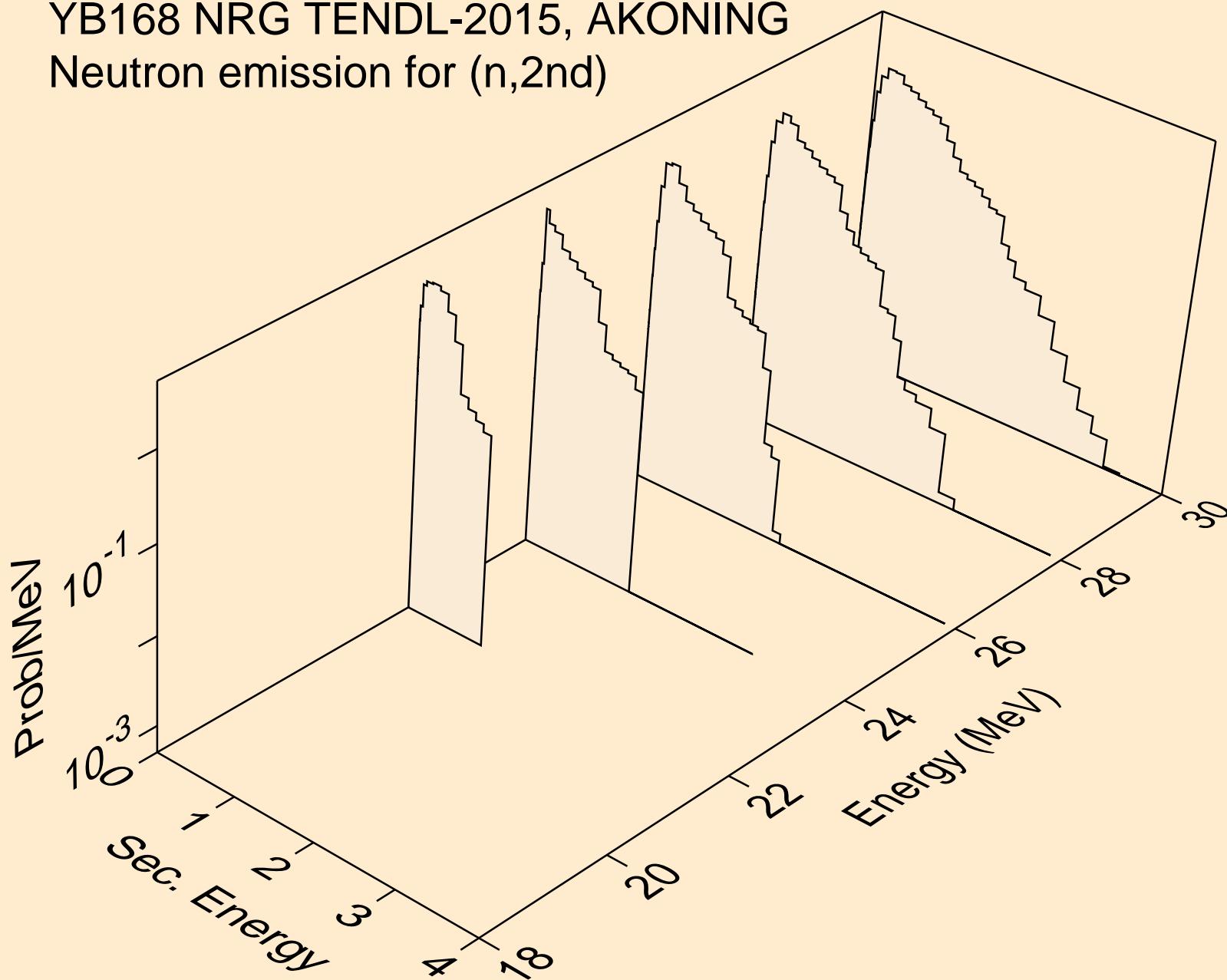
YB168 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)30$



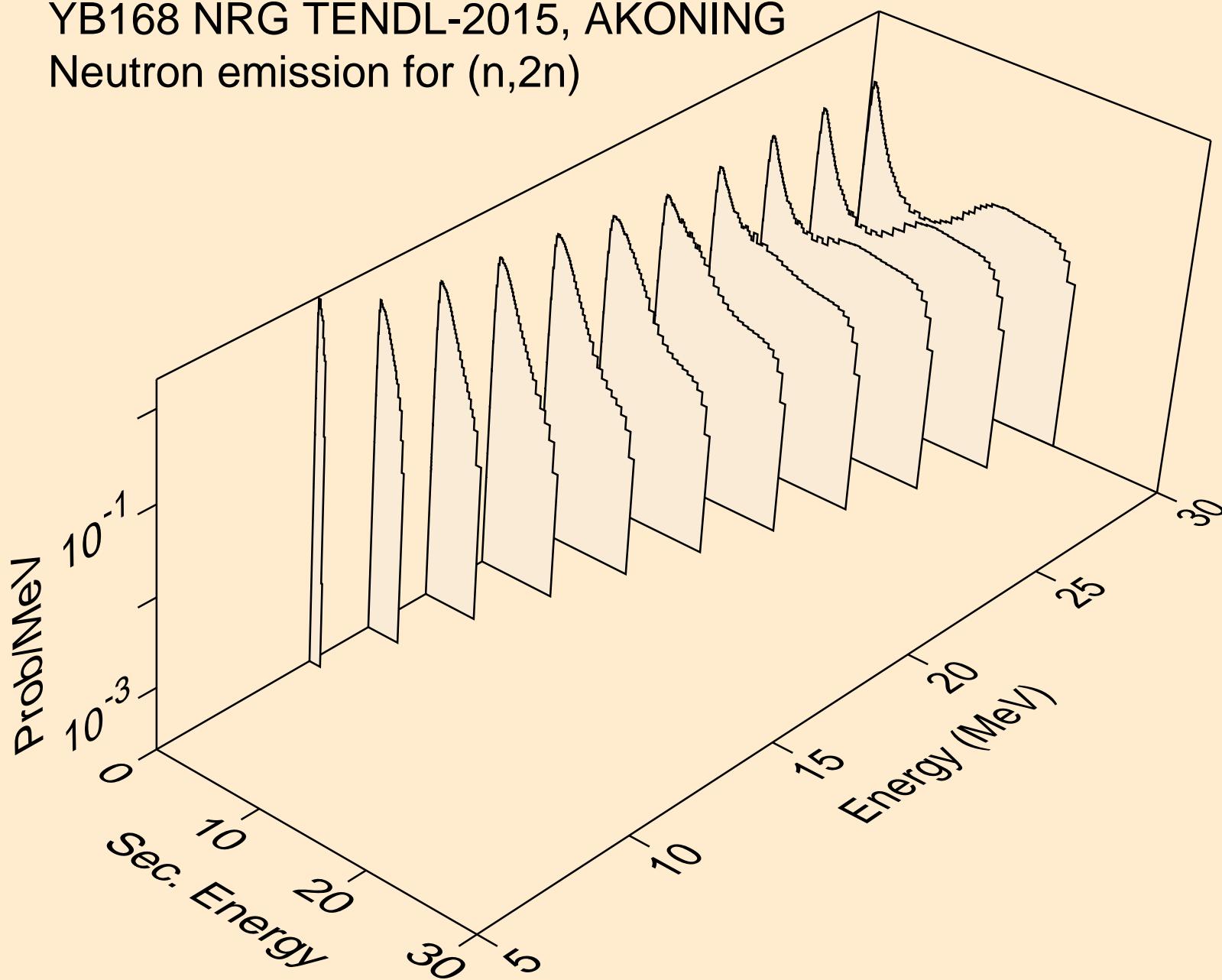
YB168 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



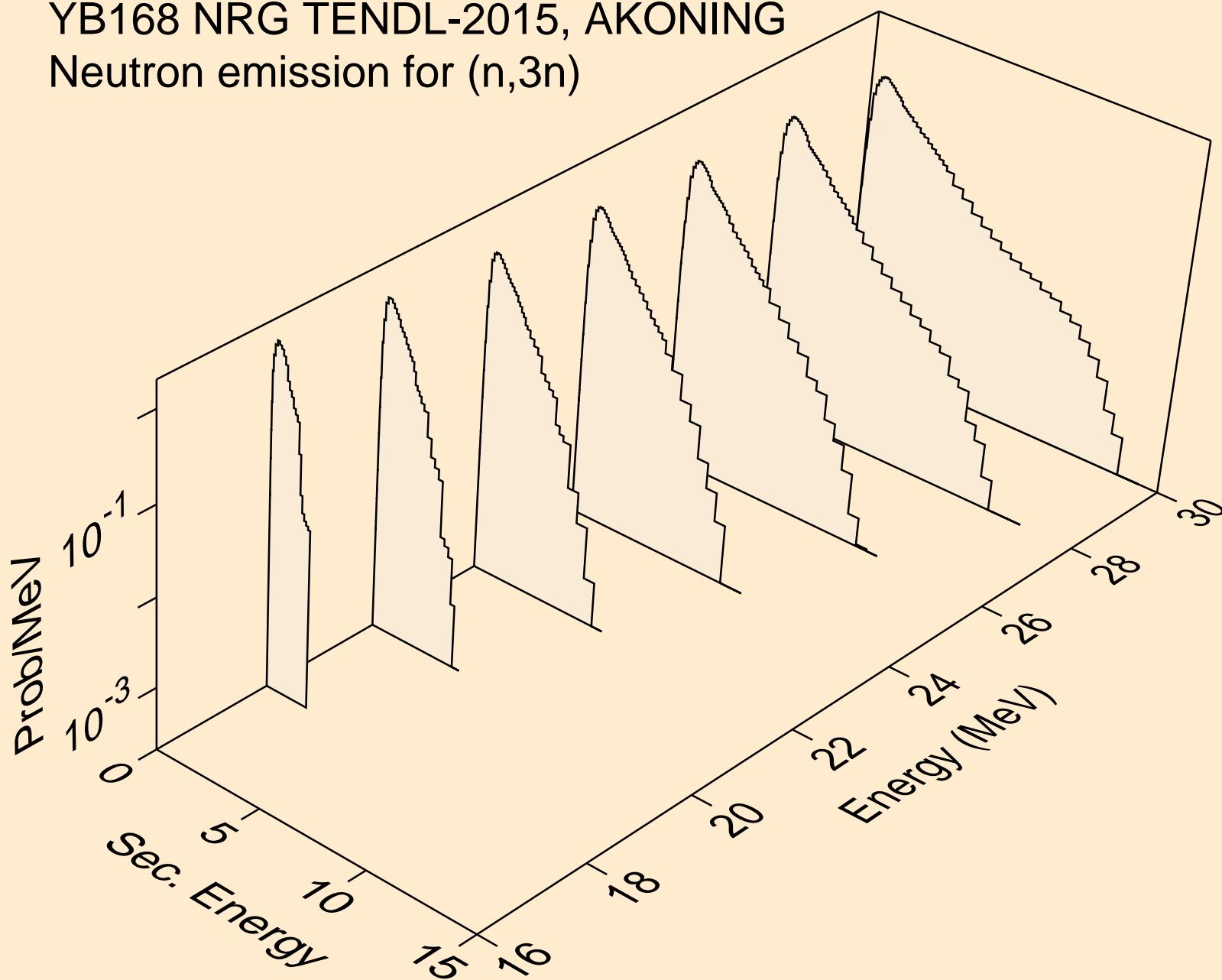
YB168 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



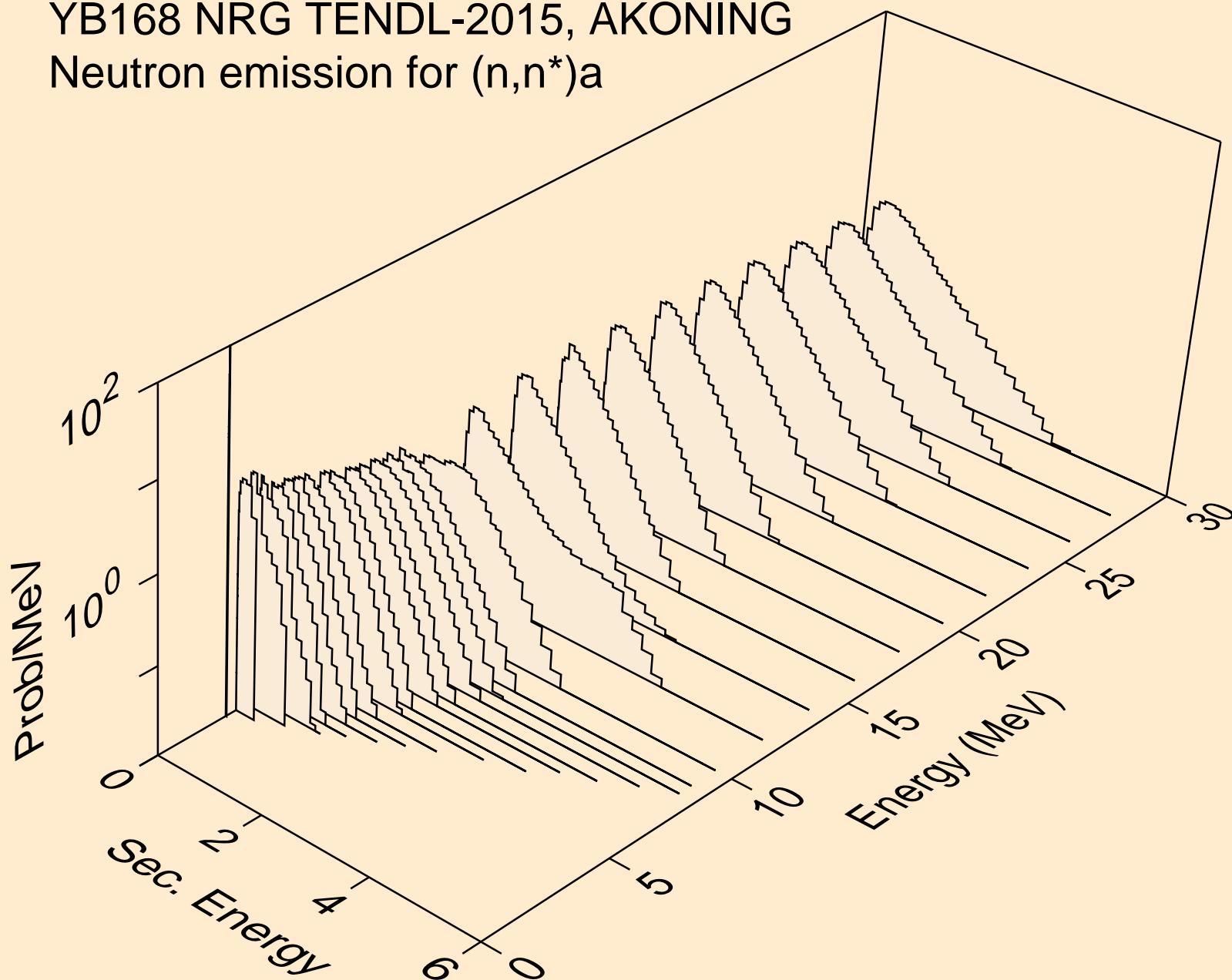
YB168 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



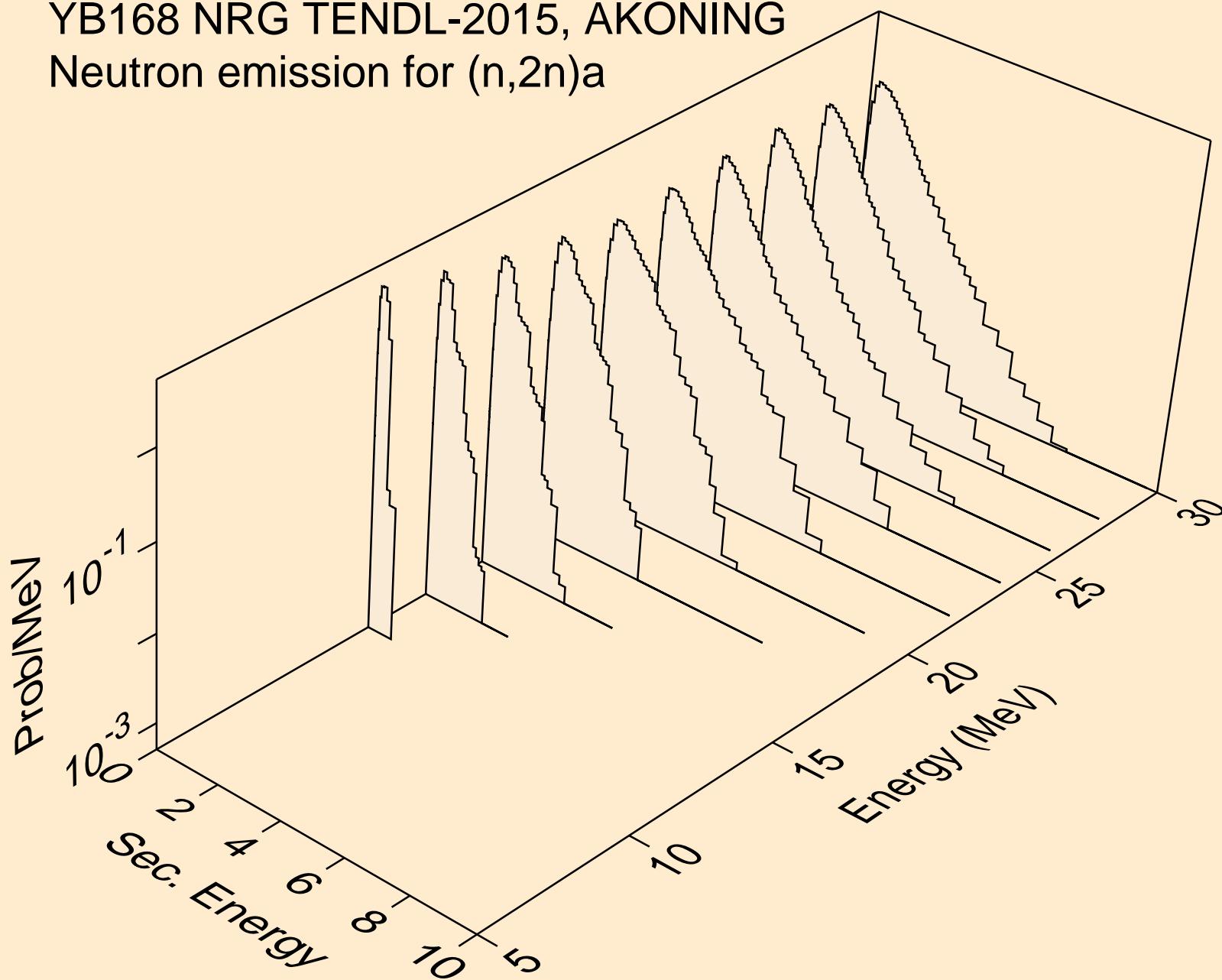
YB168 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



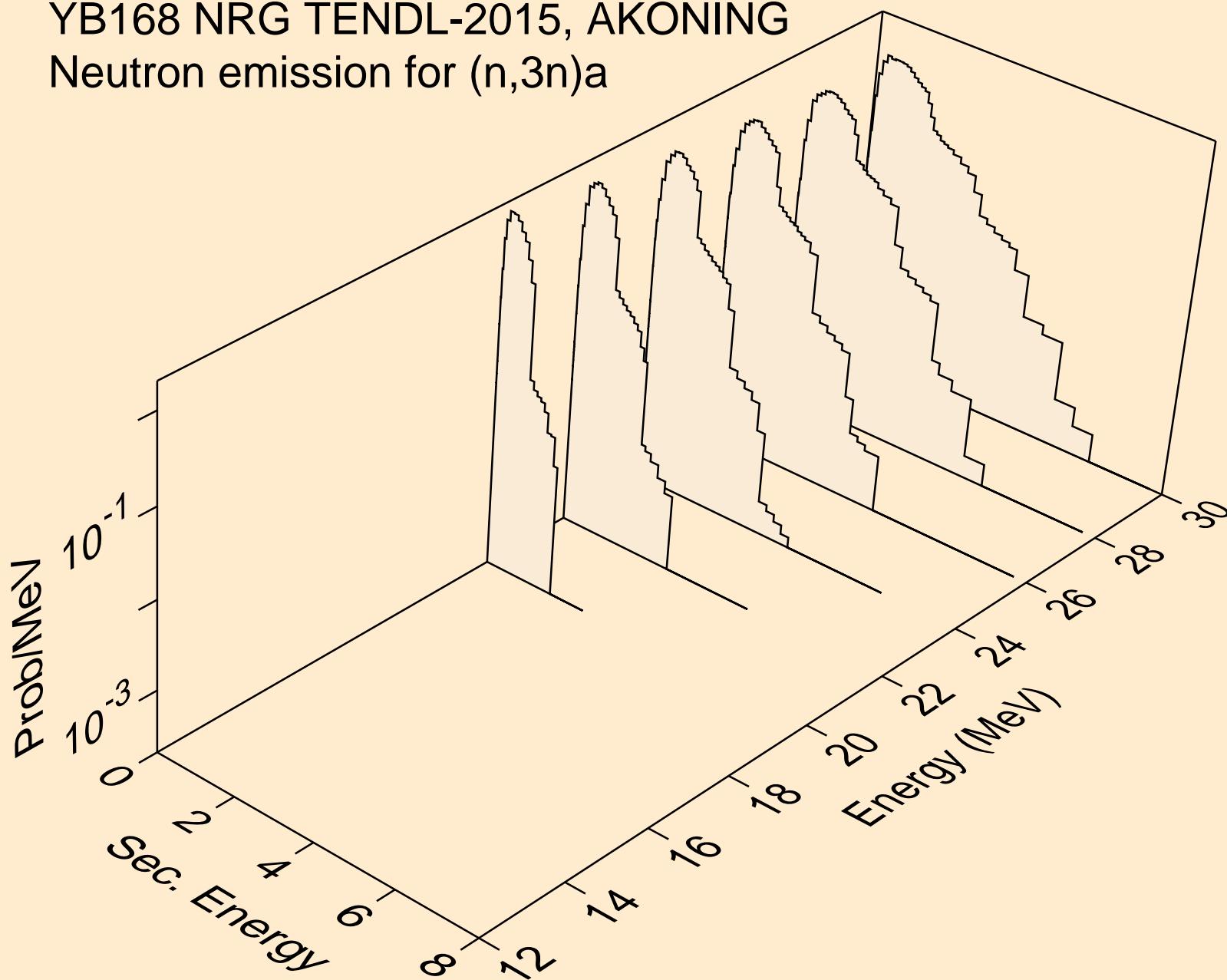
YB168 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



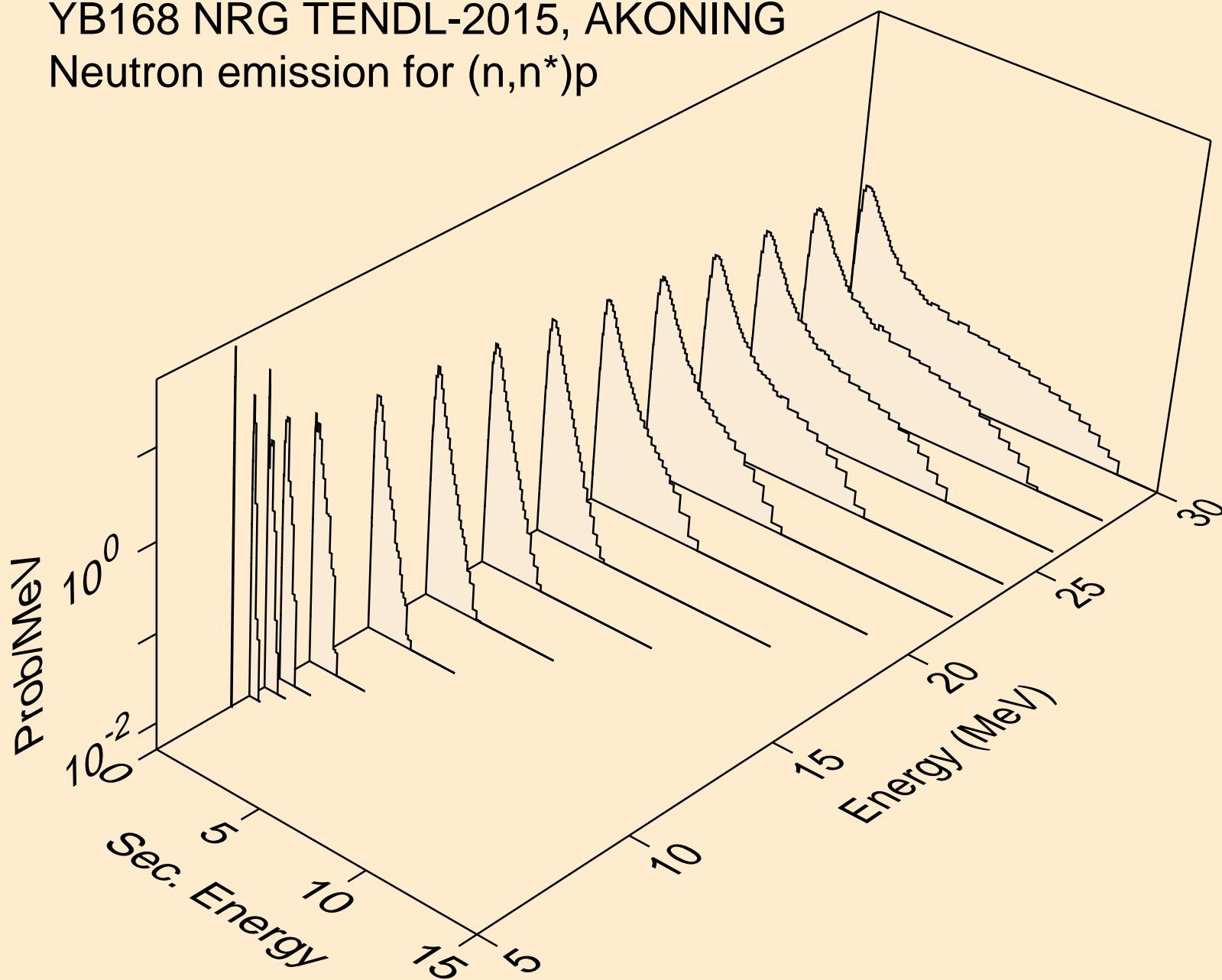
YB168 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



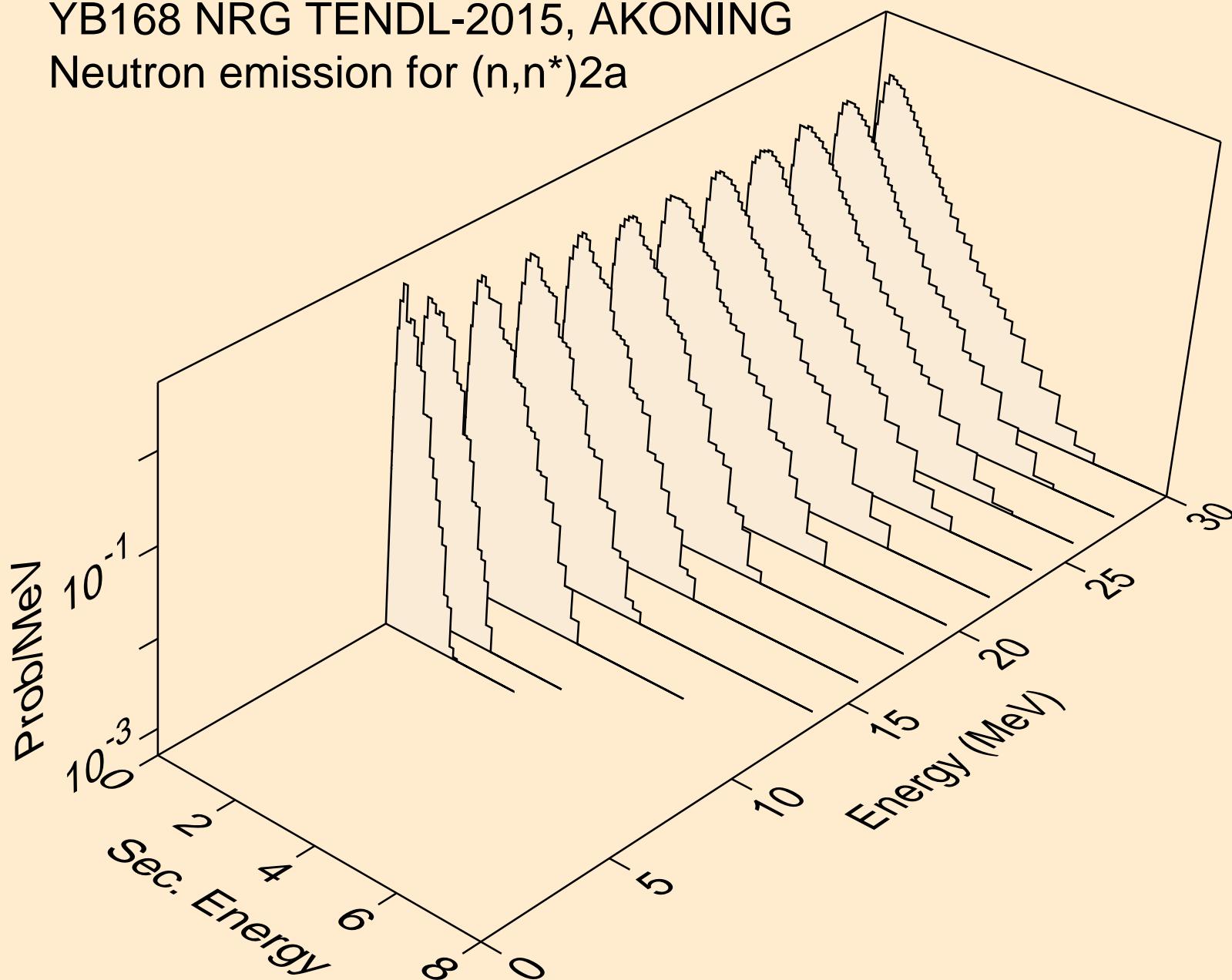
YB168 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



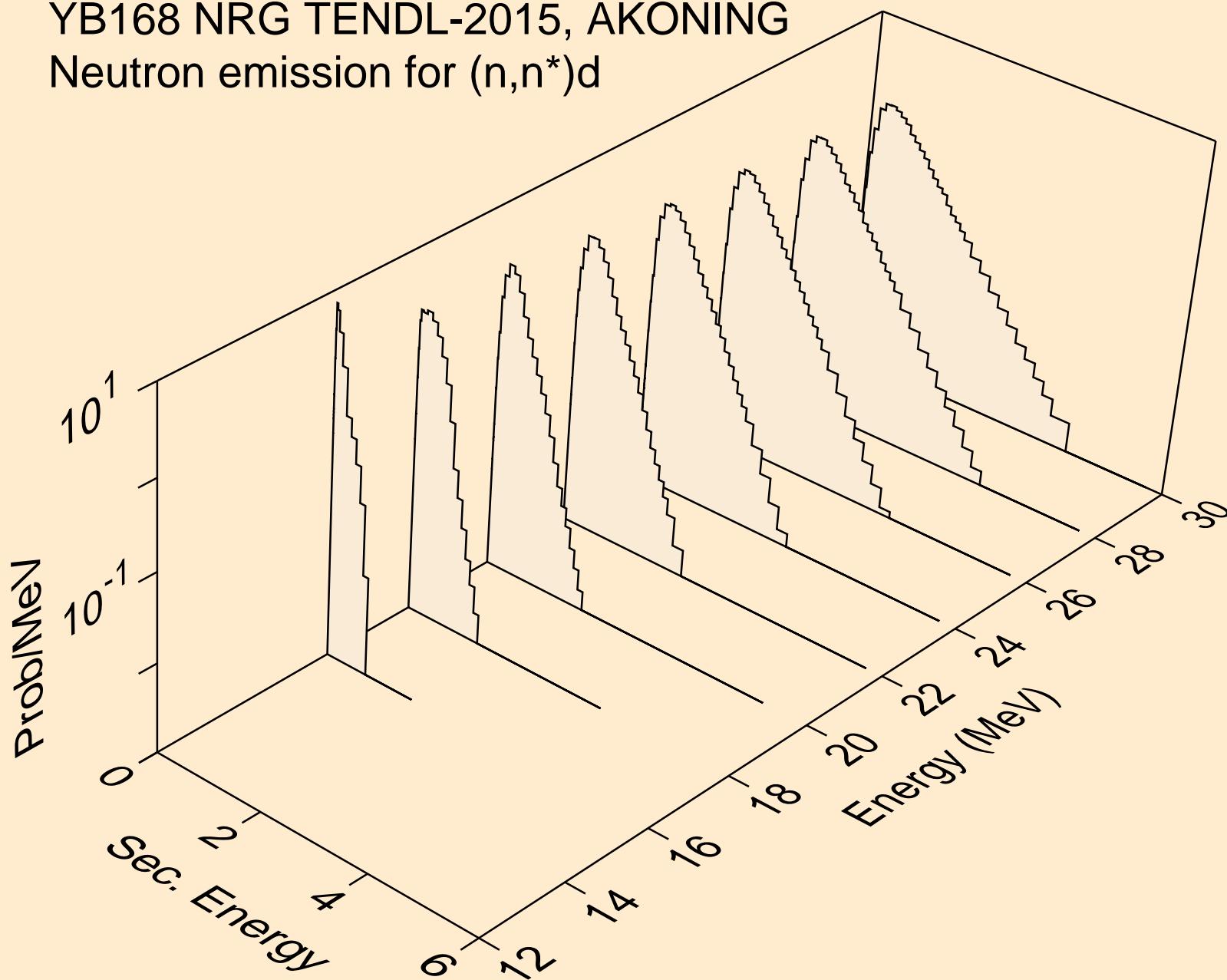
YB168 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



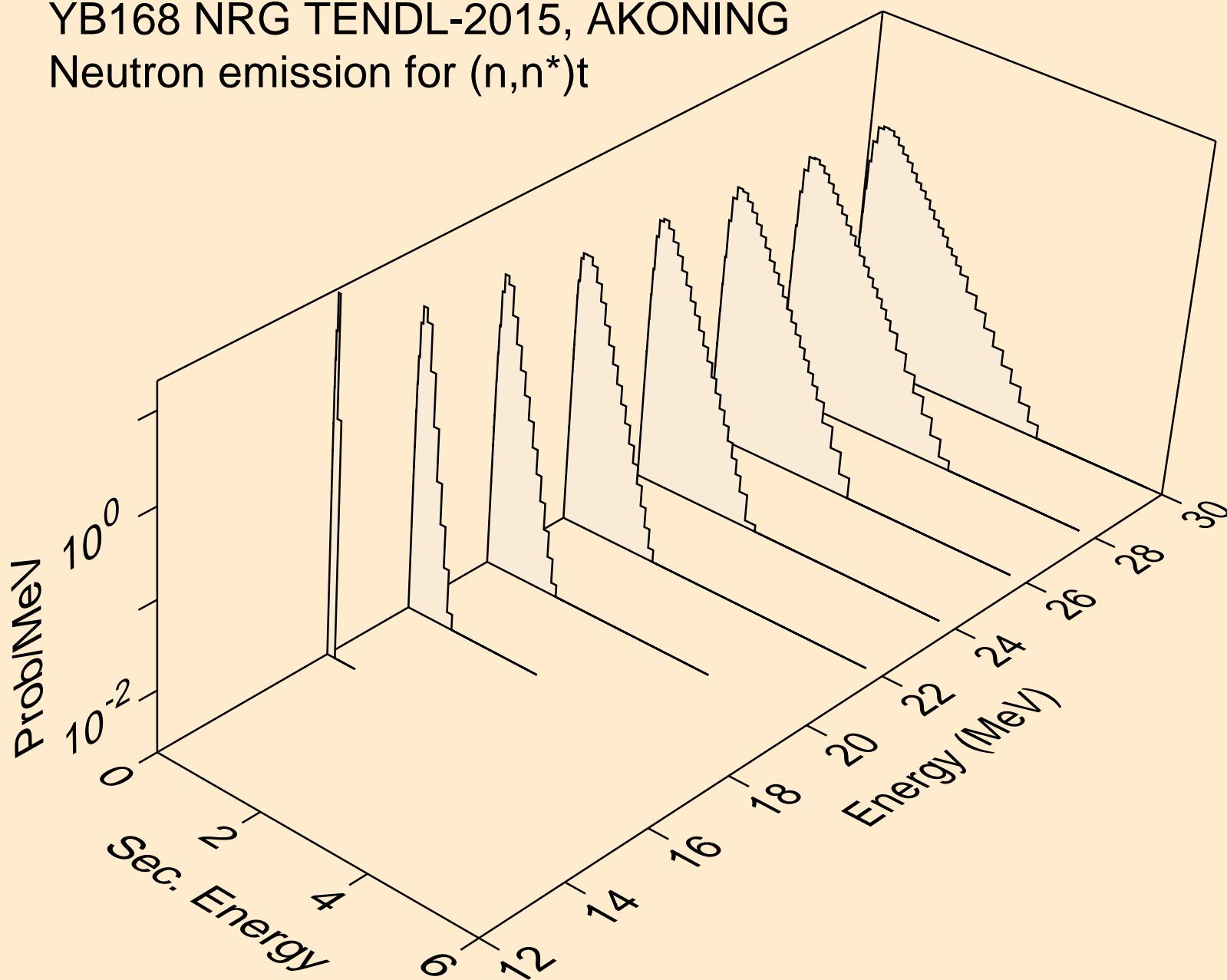
YB168 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



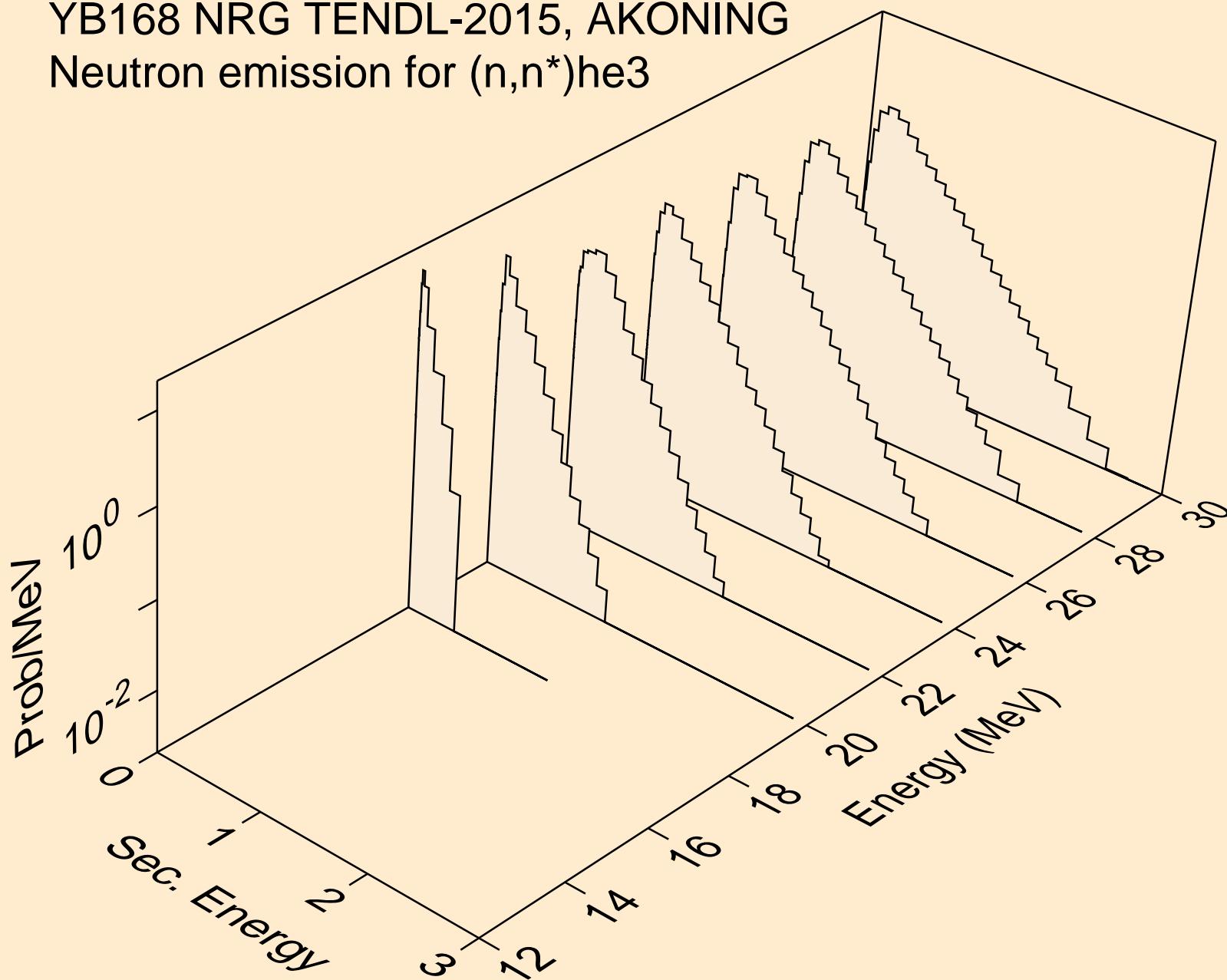
YB168 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



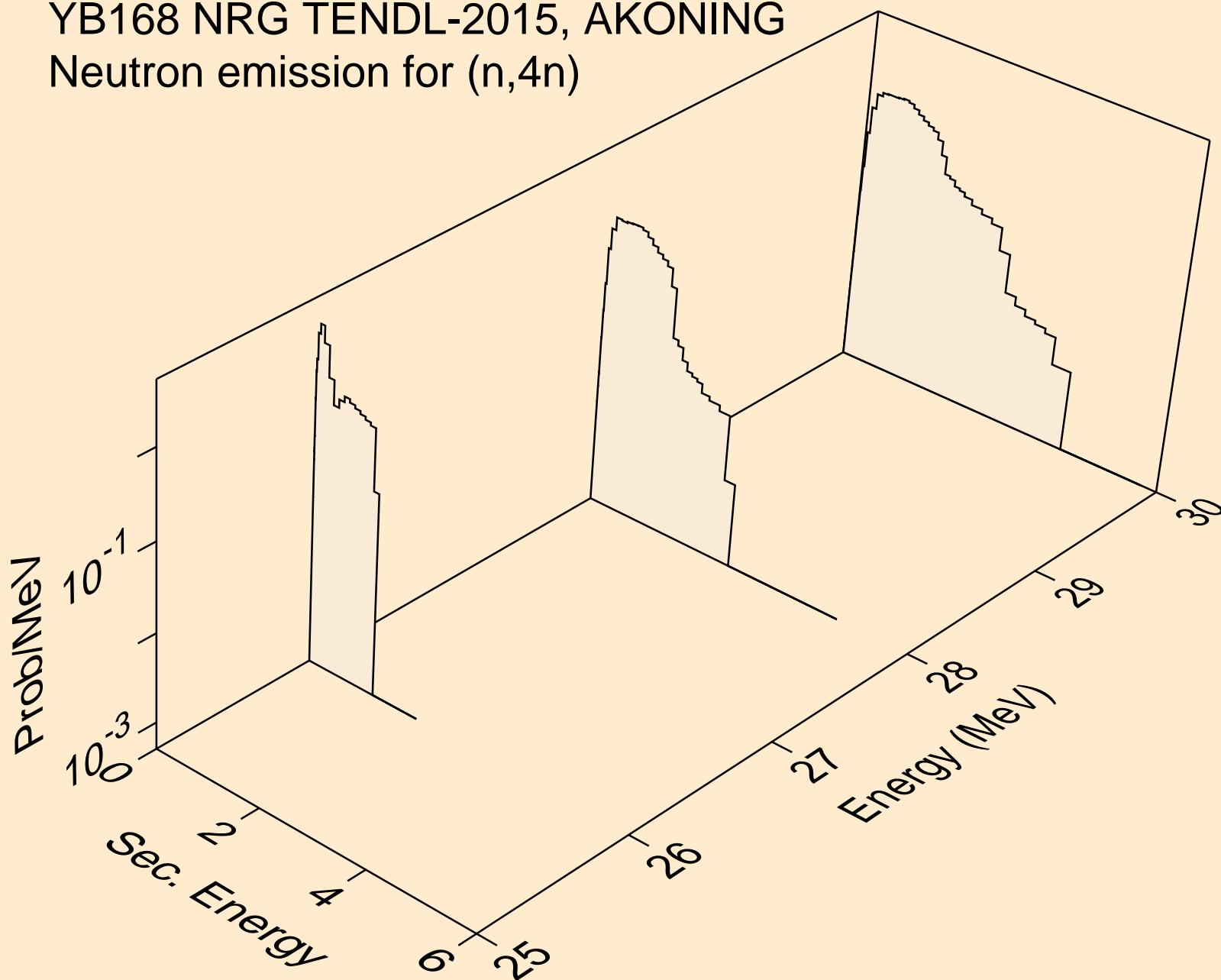
YB168 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



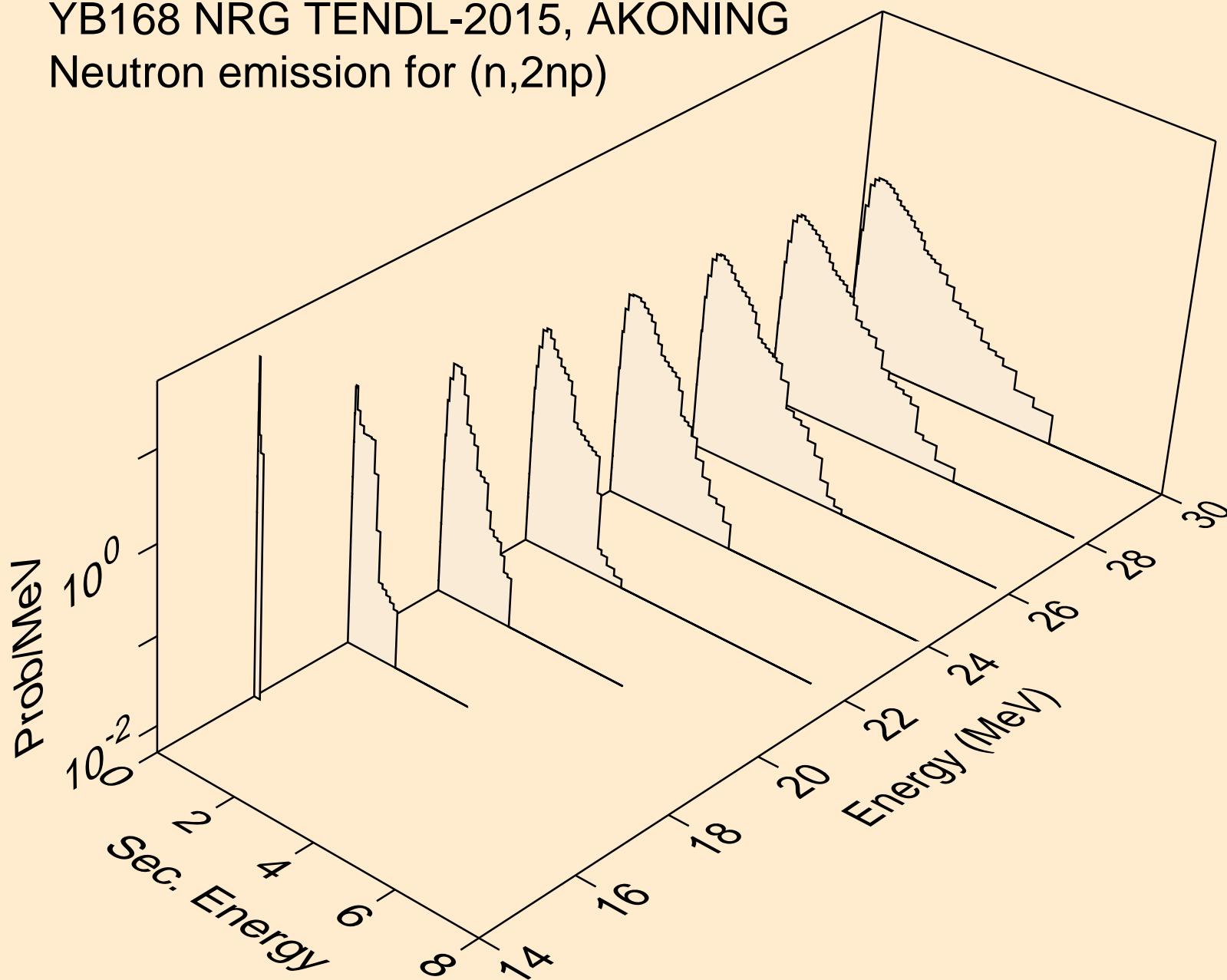
YB168 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



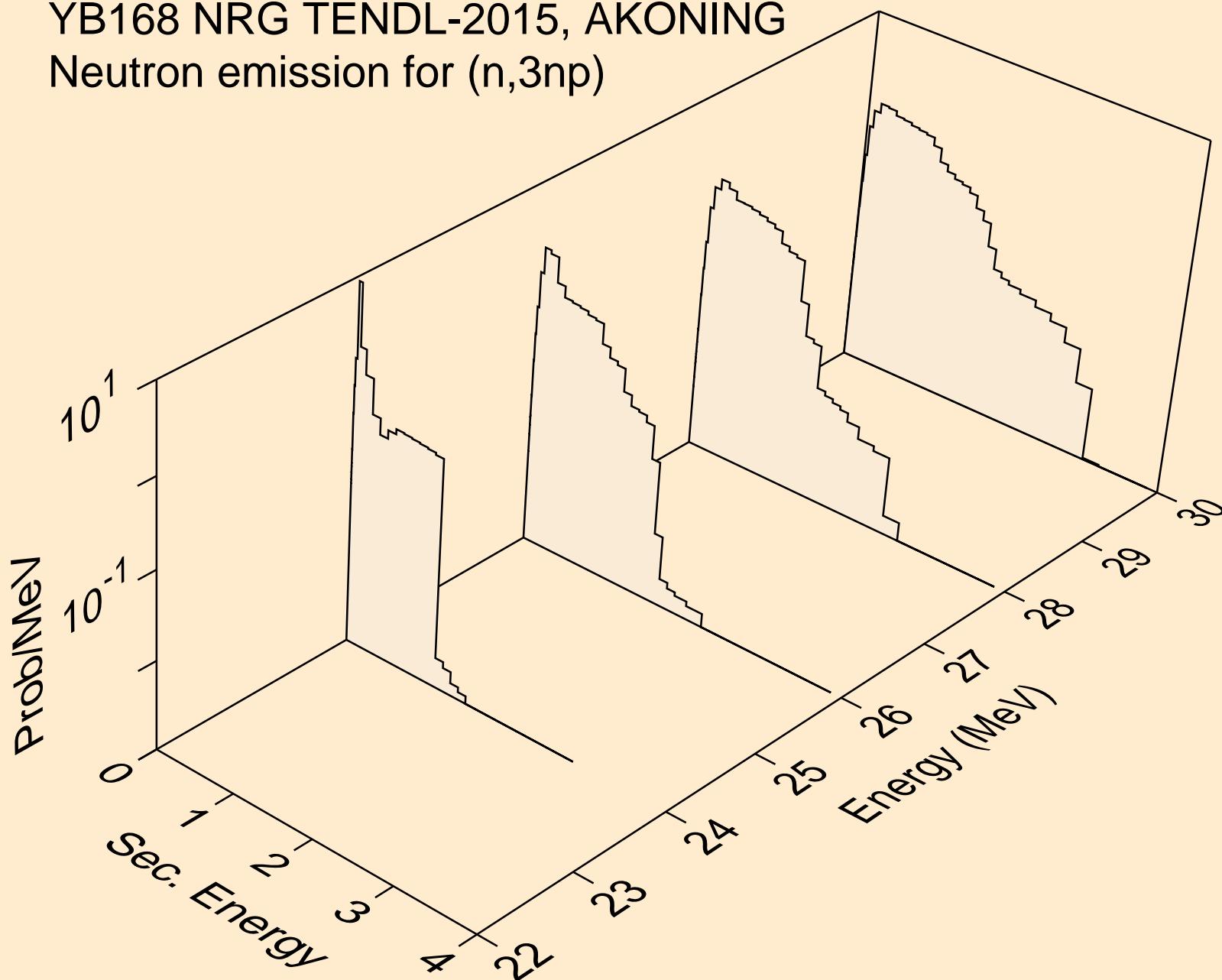
YB168 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



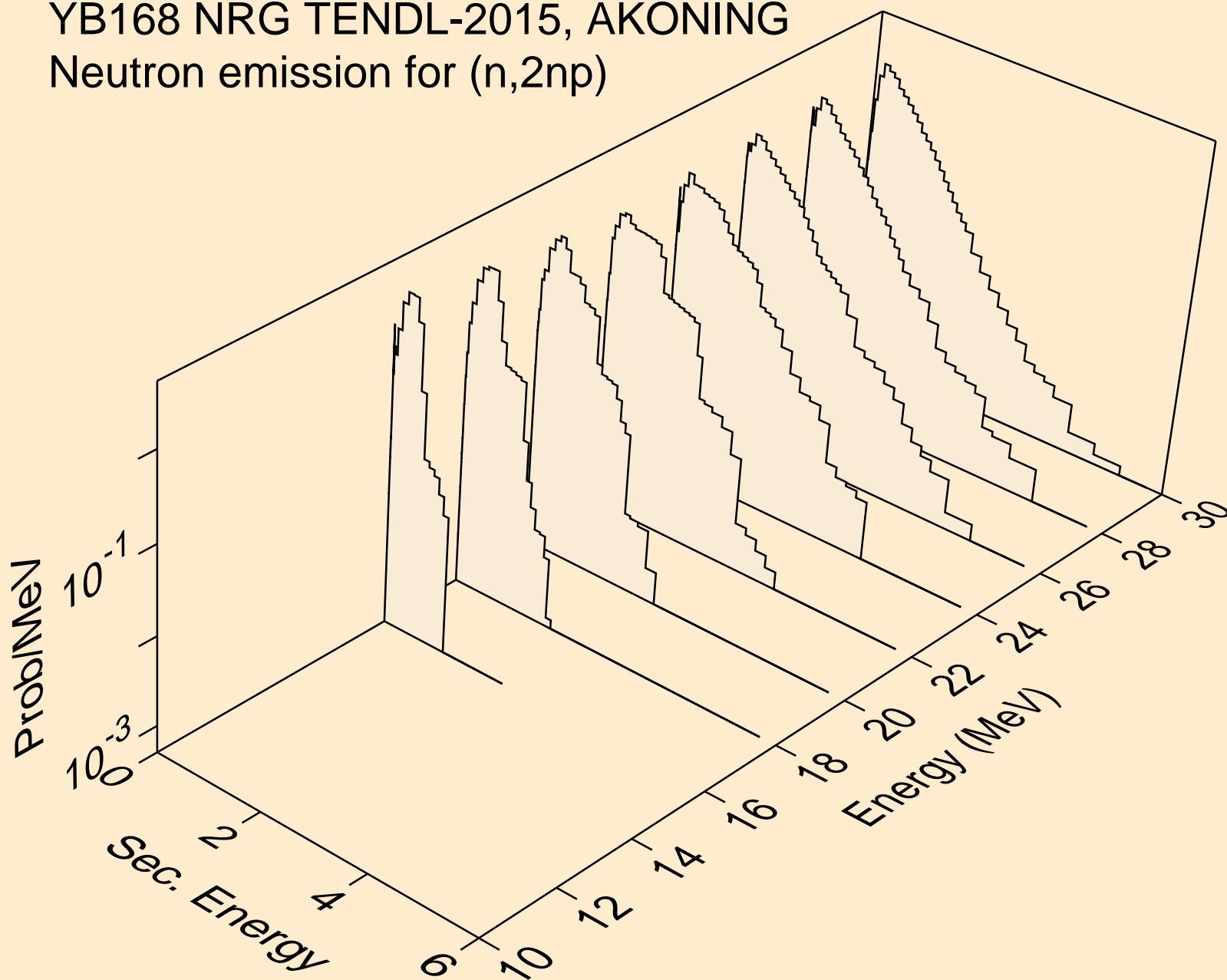
YB168 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



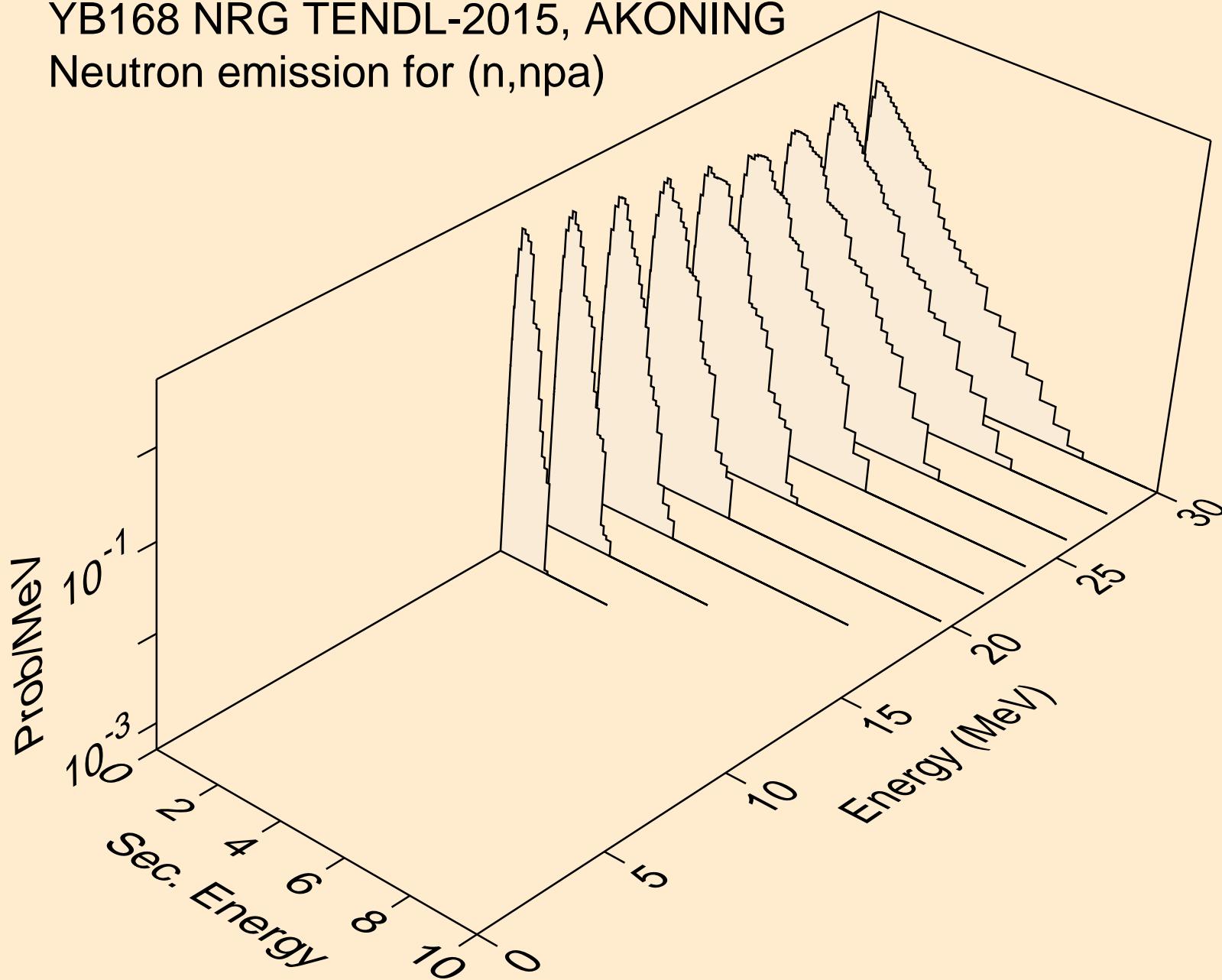
YB168 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



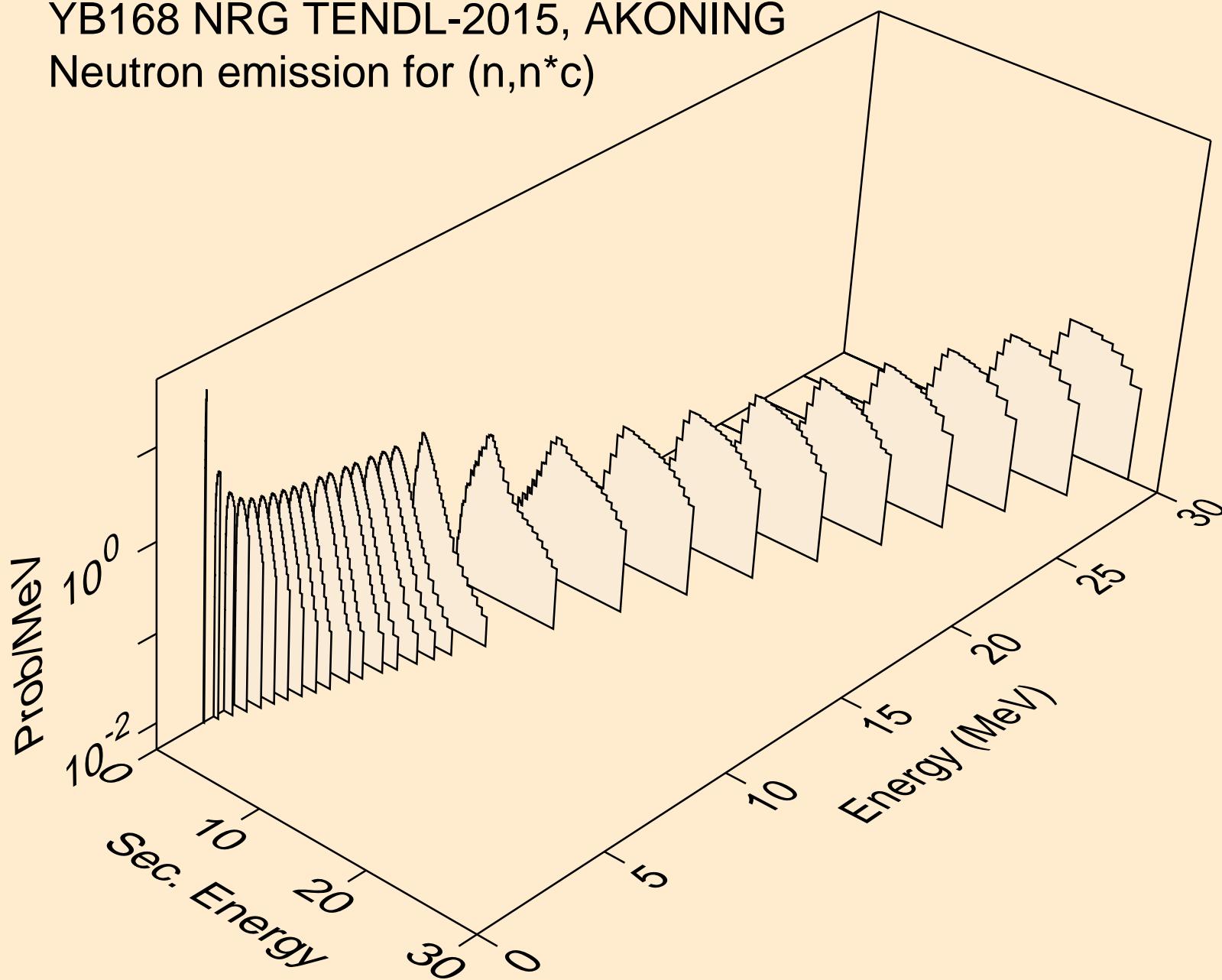
YB168 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



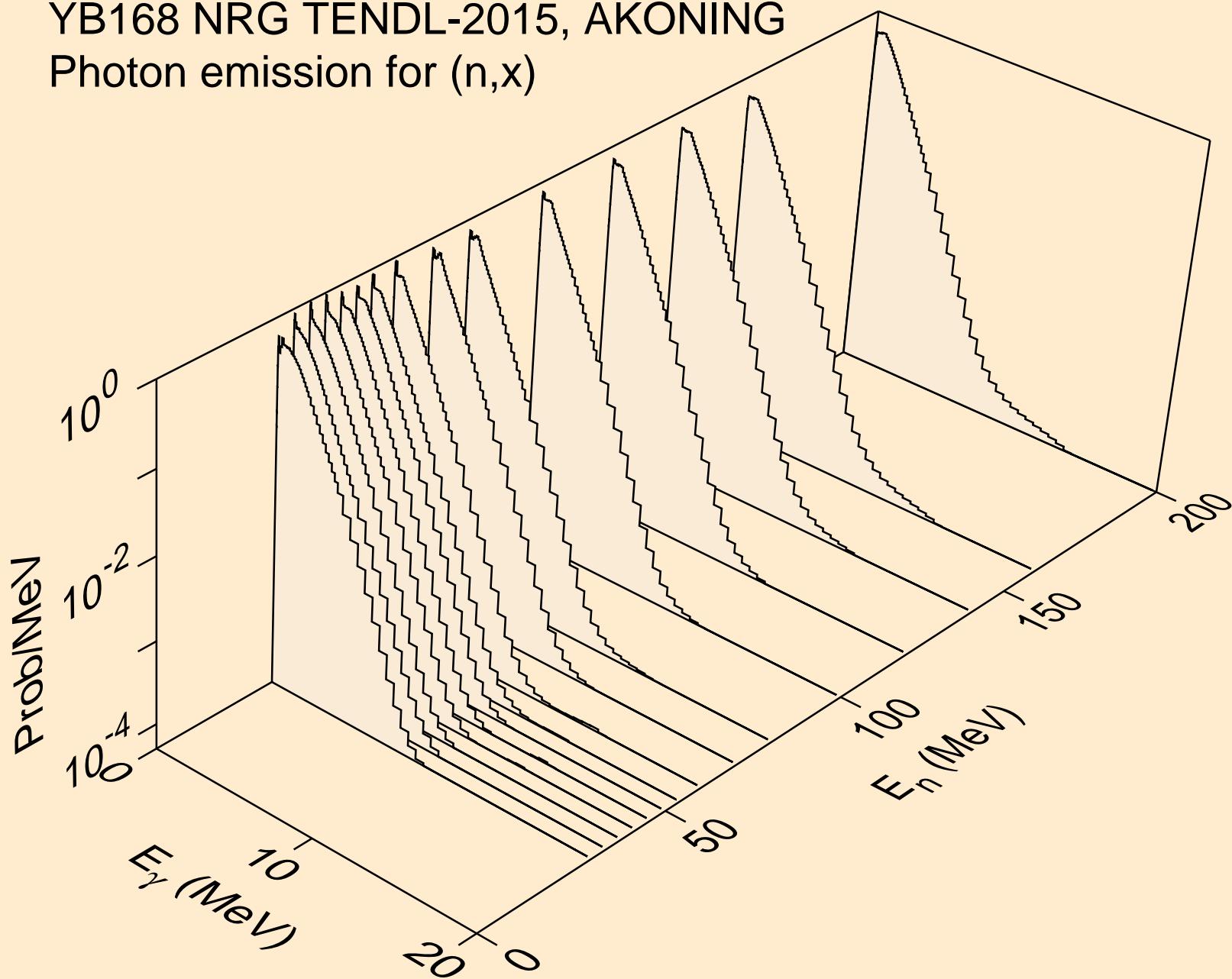
YB168 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



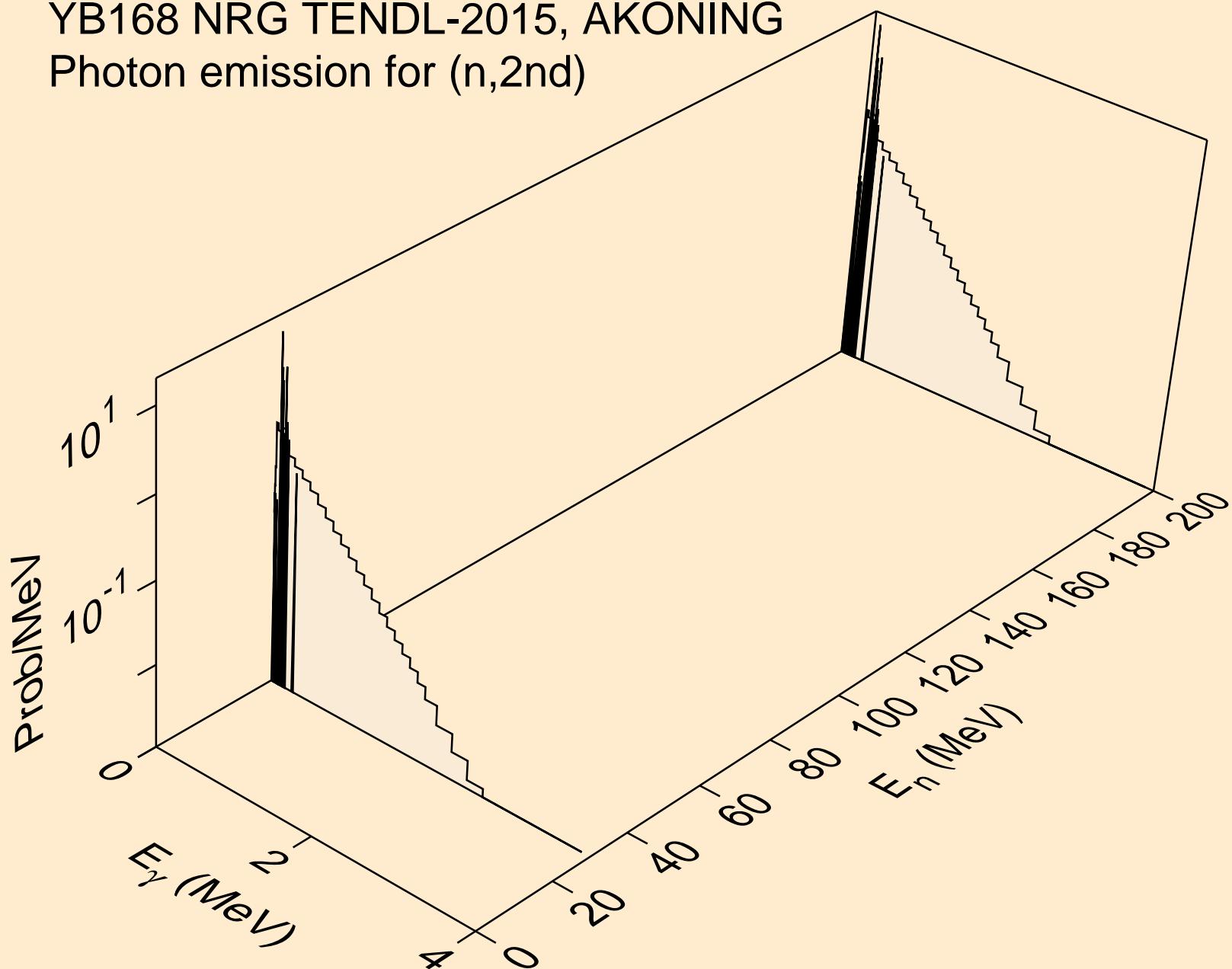
YB168 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



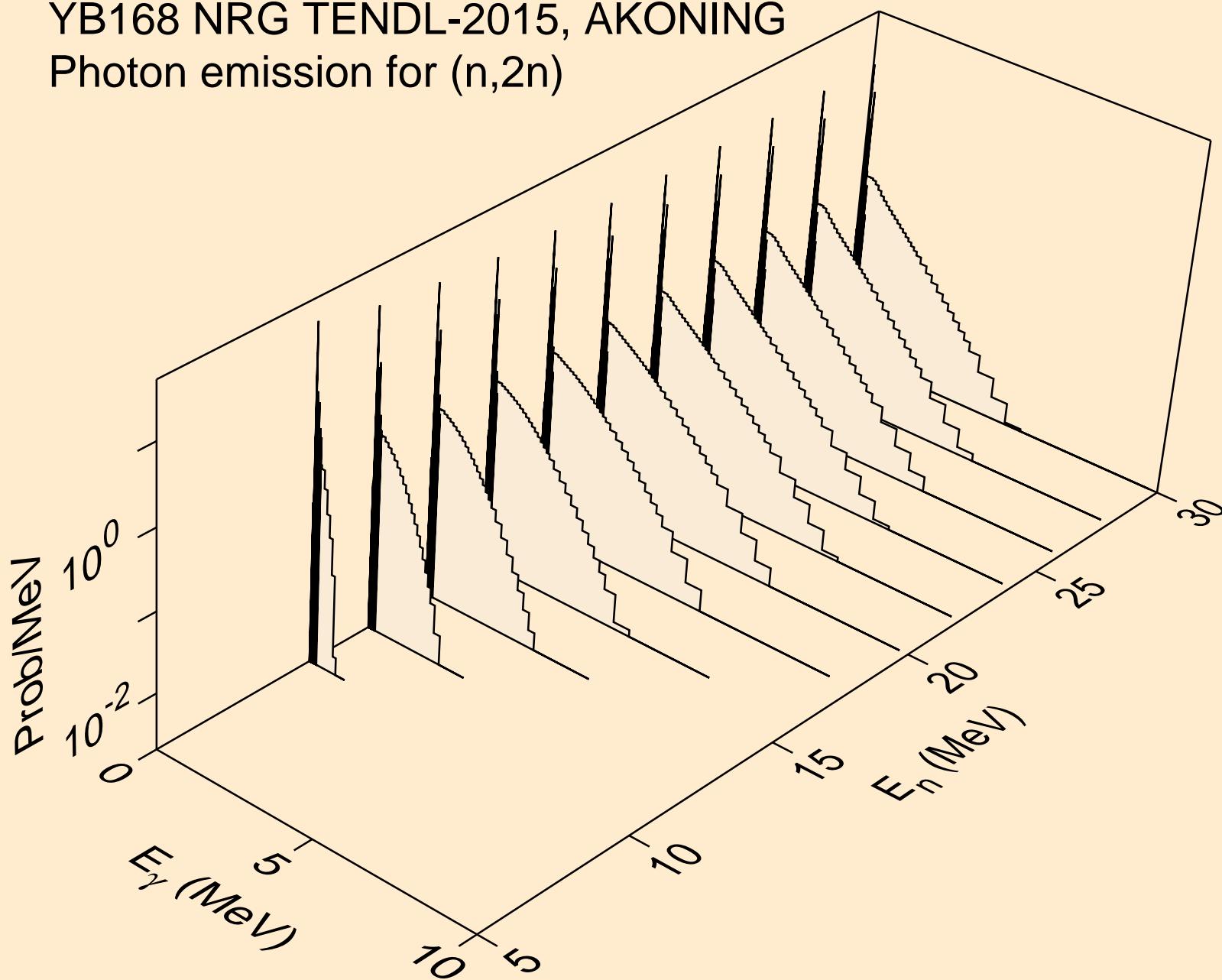
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



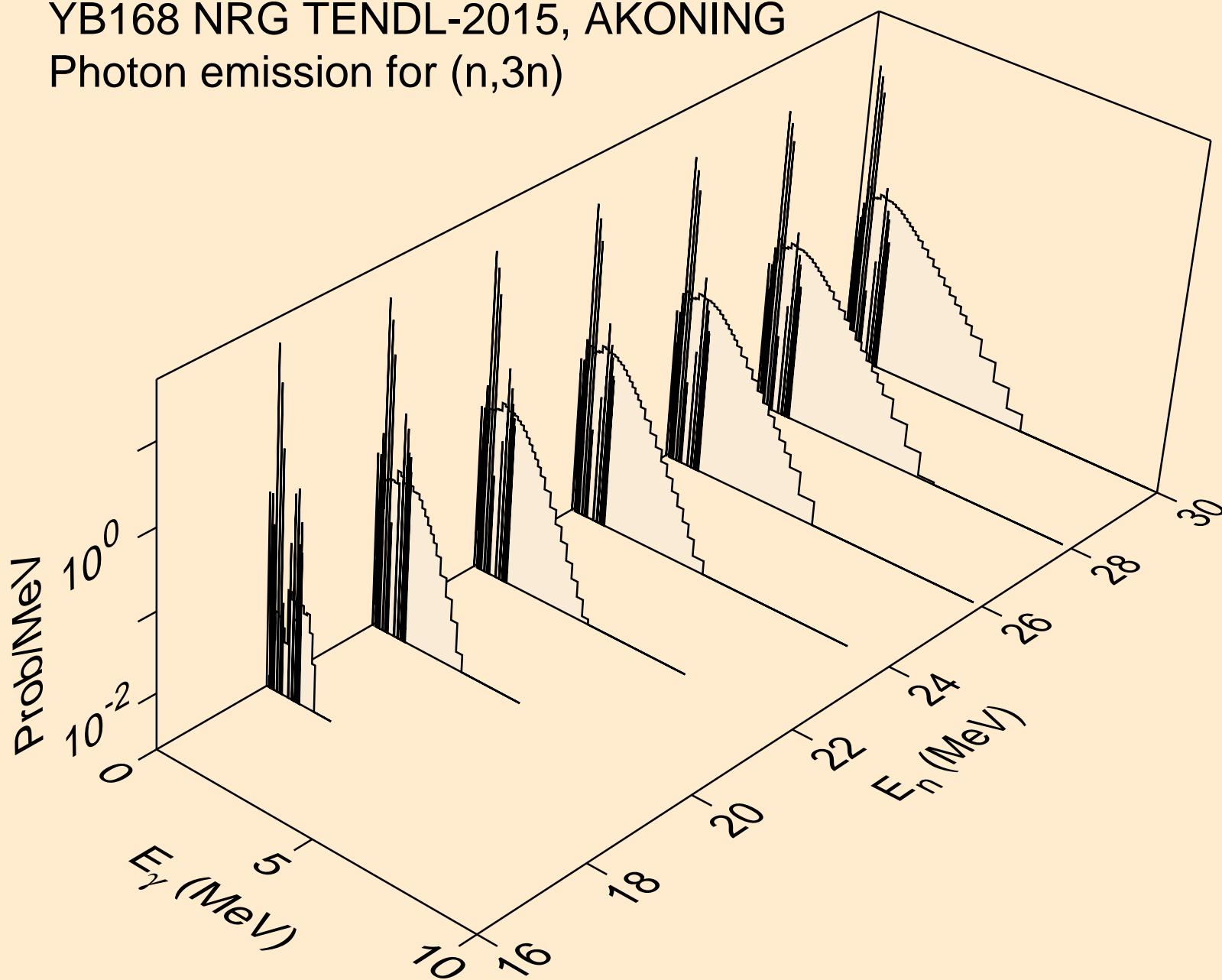
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



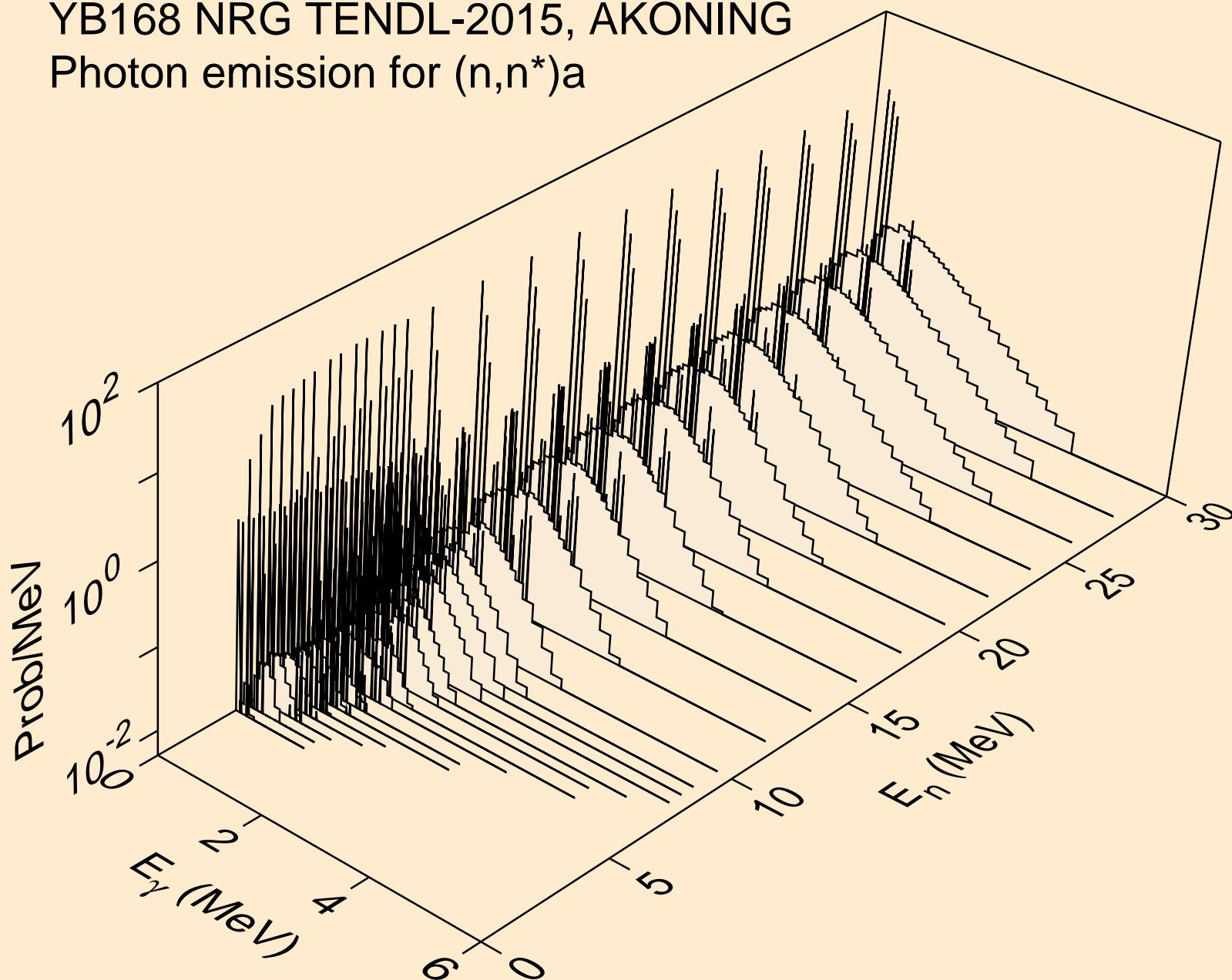
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



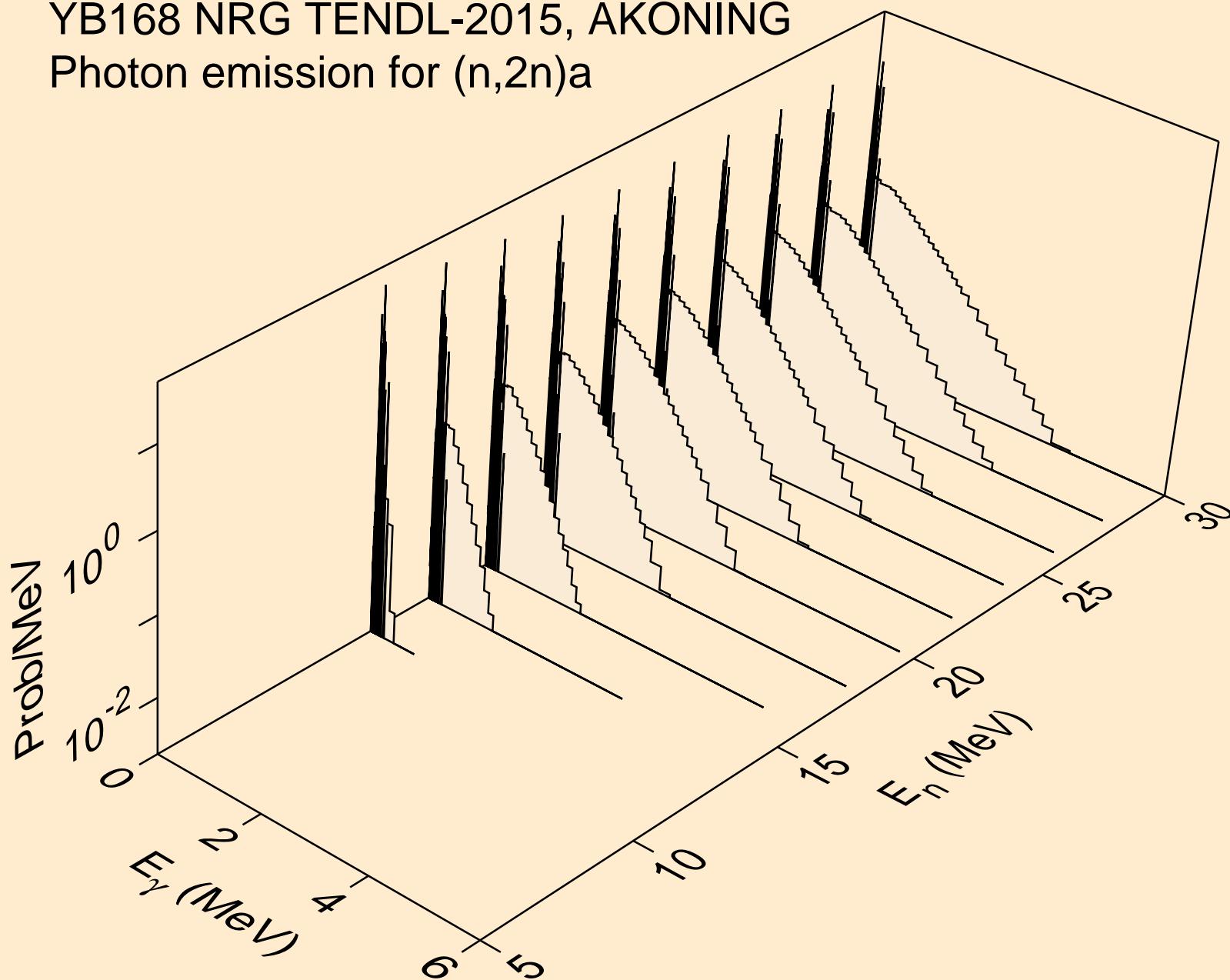
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



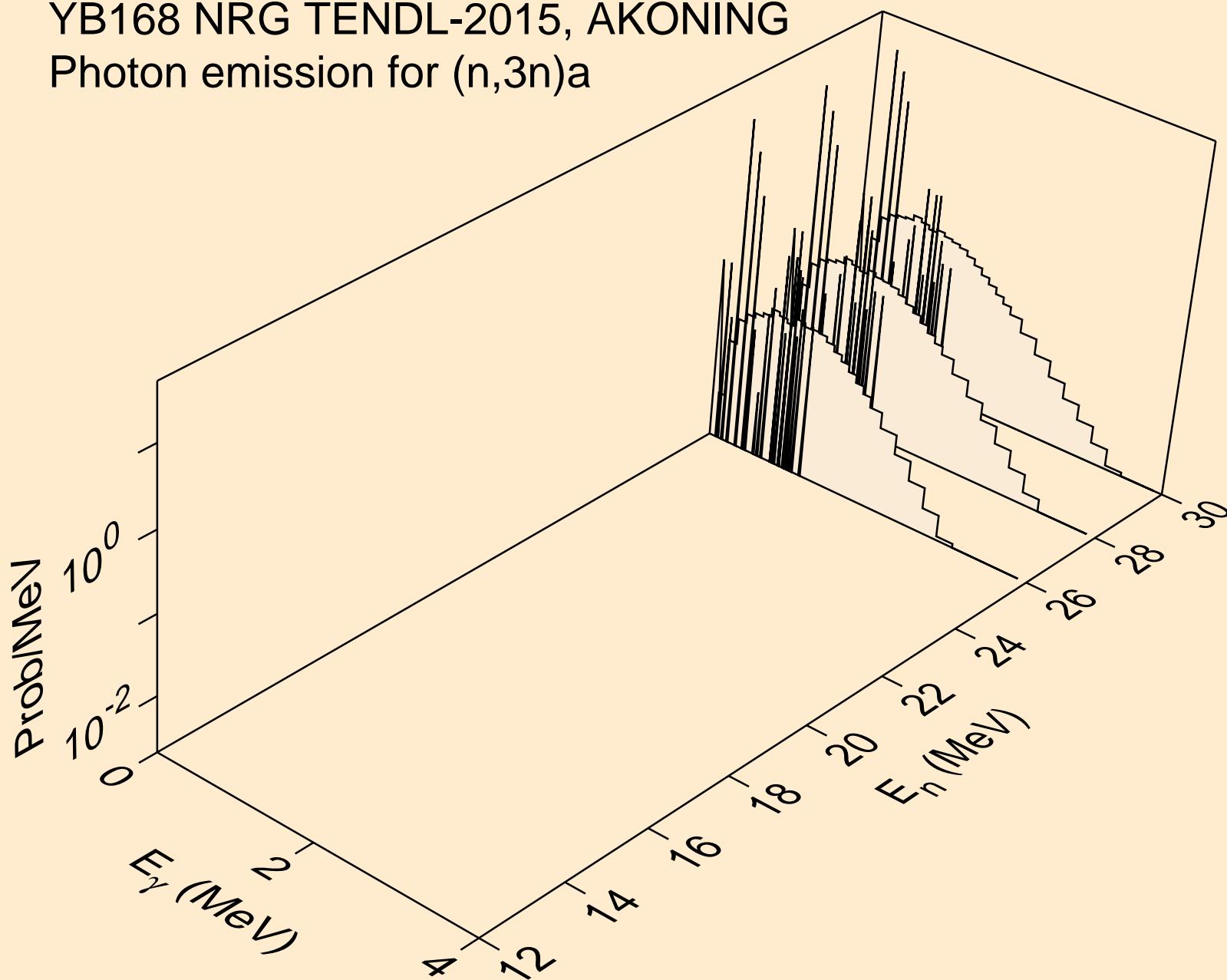
YB168 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



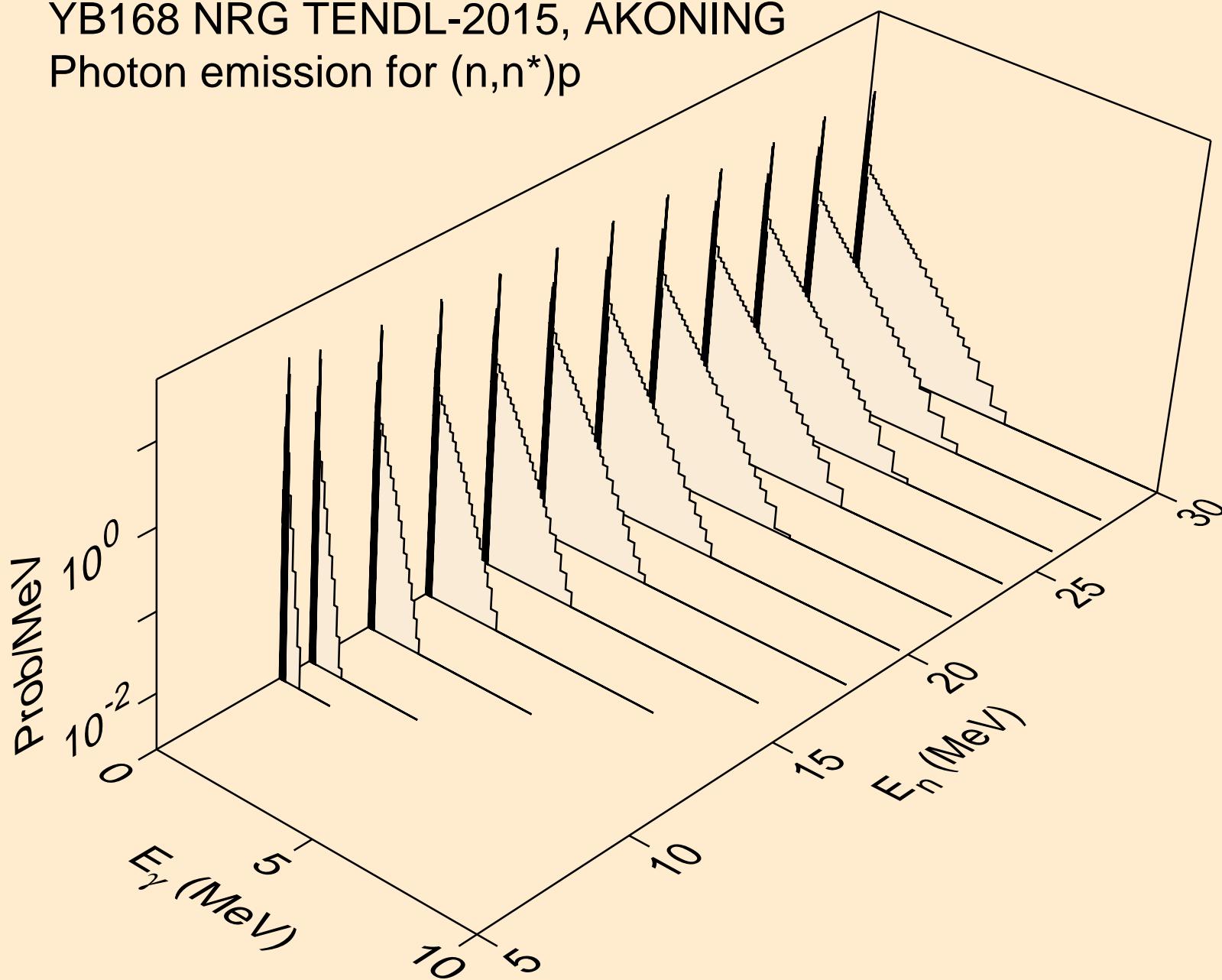
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



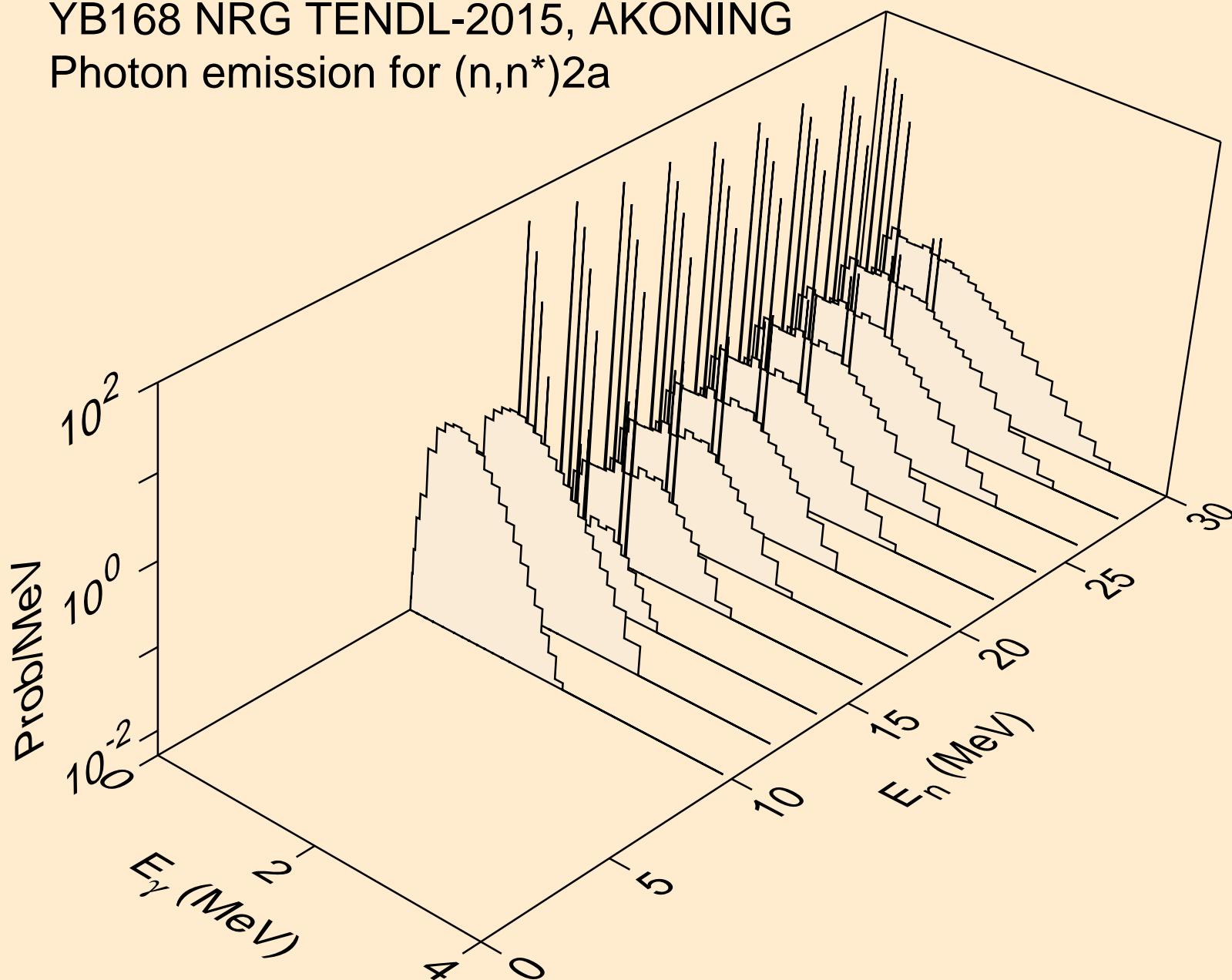
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



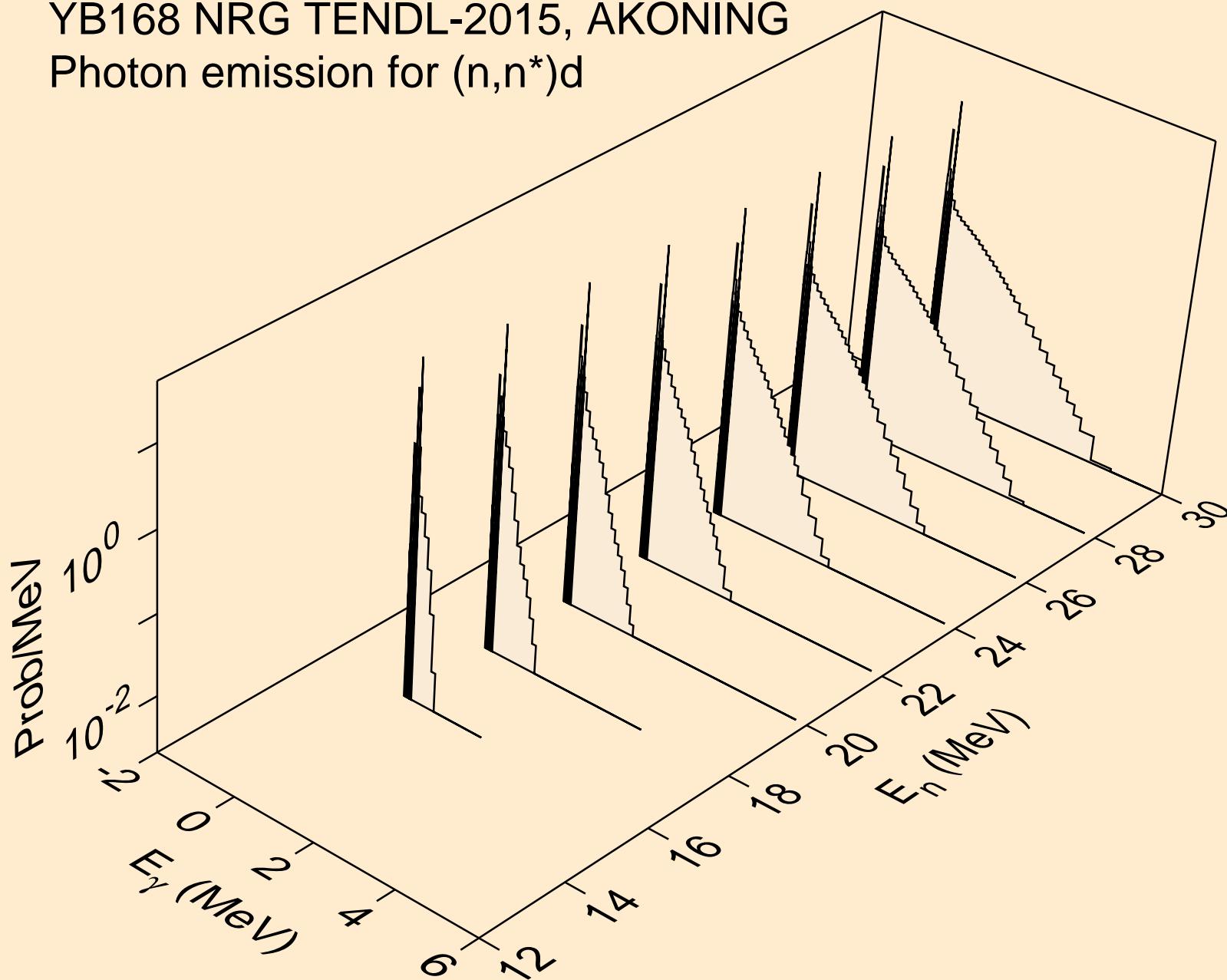
YB168 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



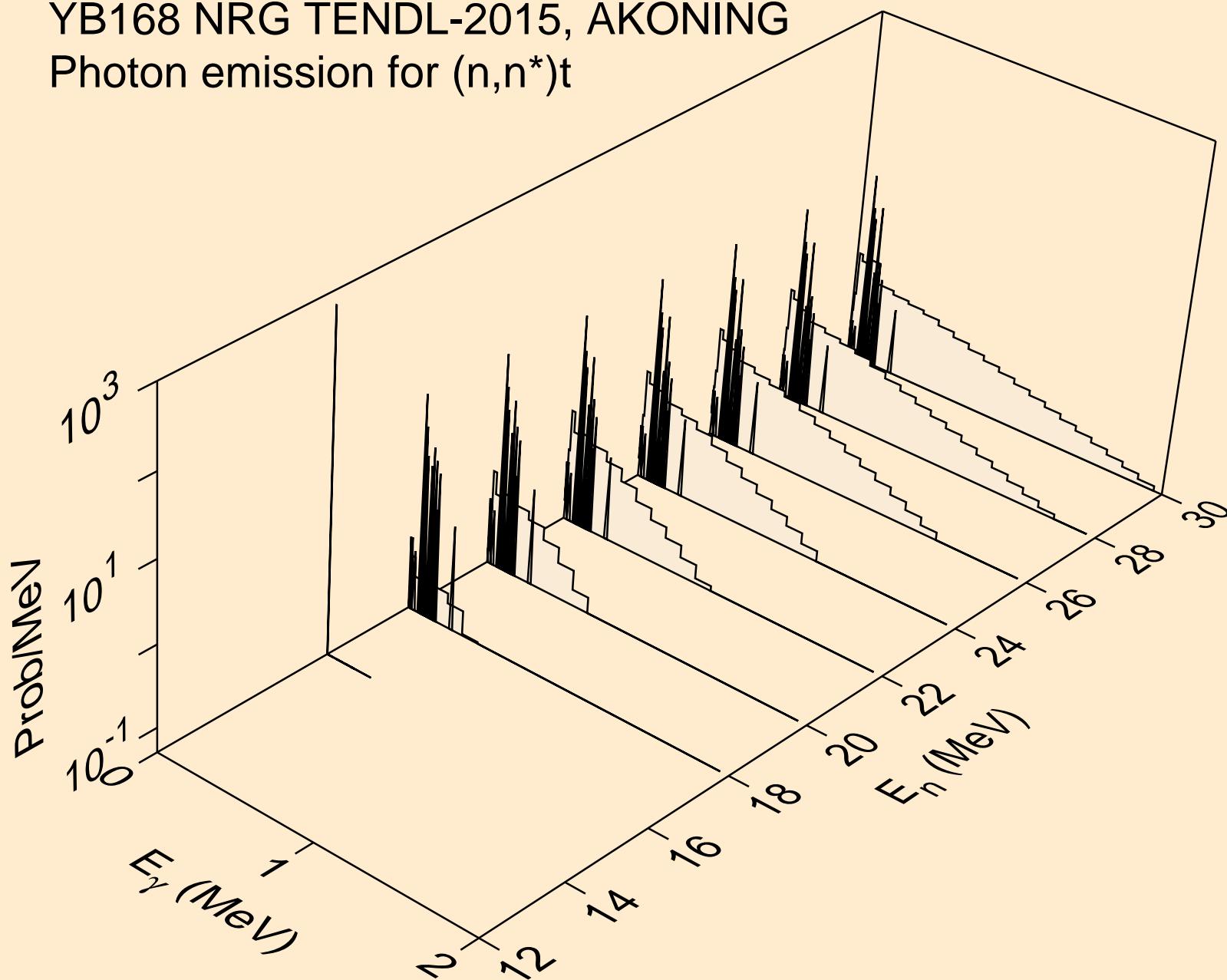
YB168 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)2a$



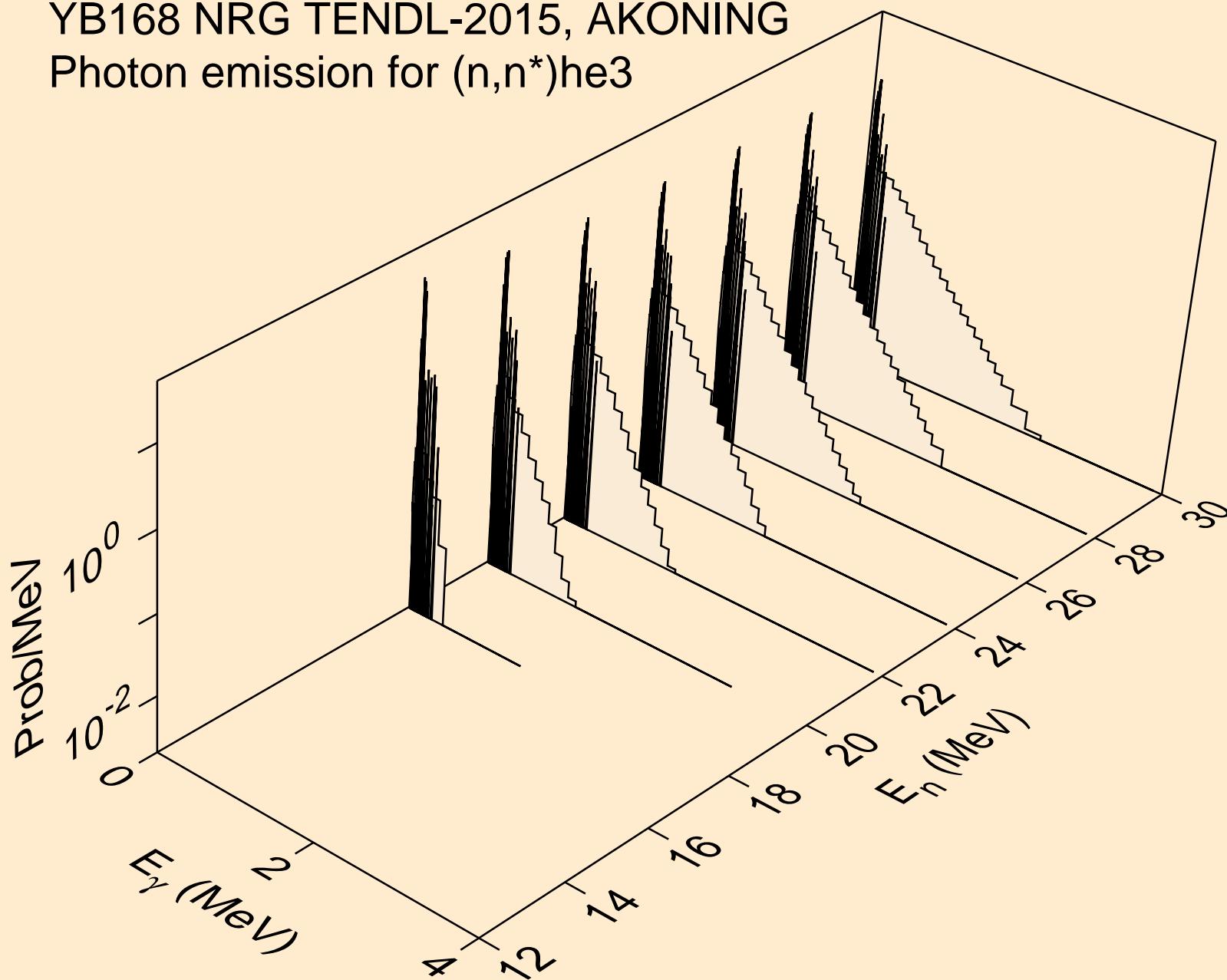
YB168 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



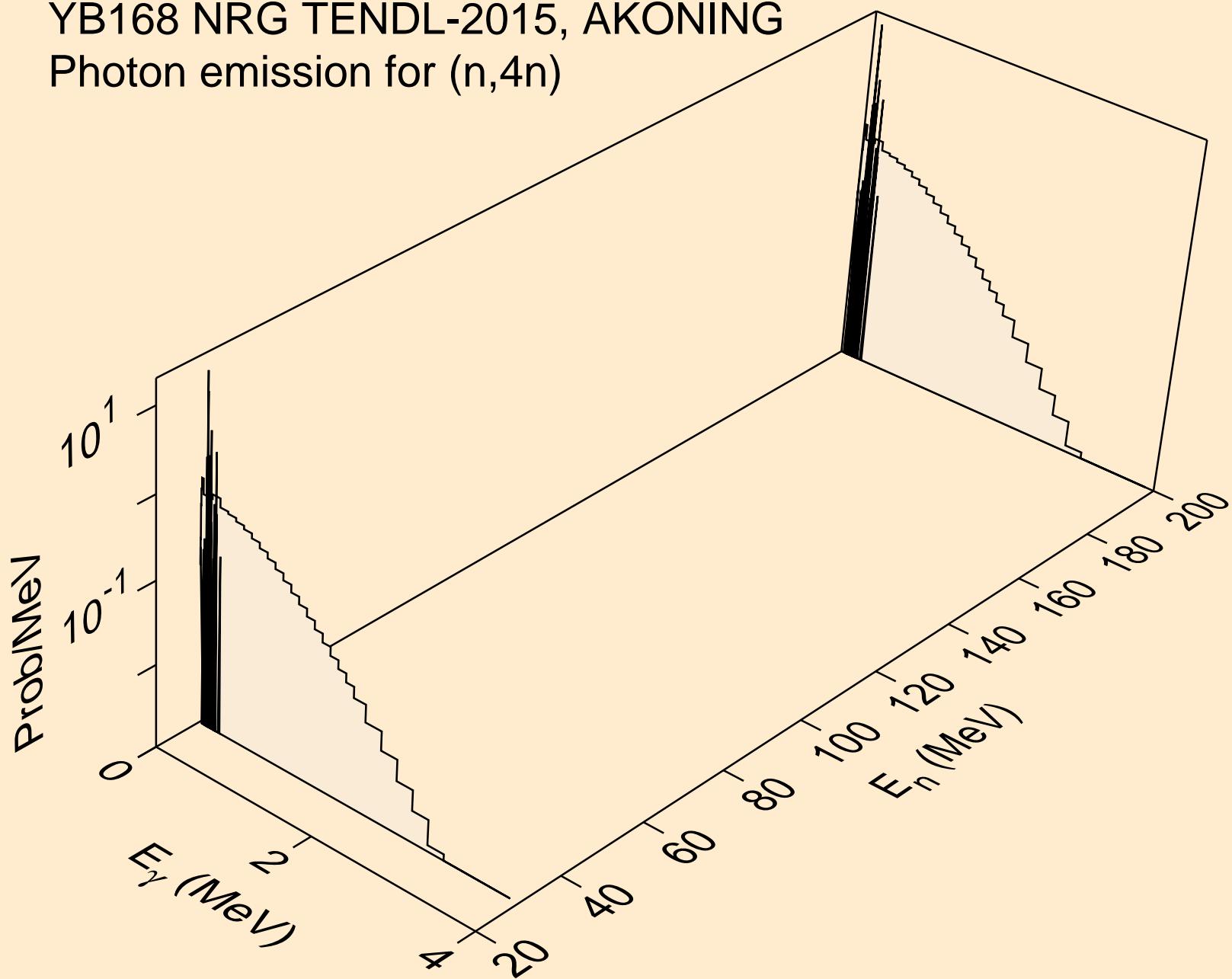
YB168 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



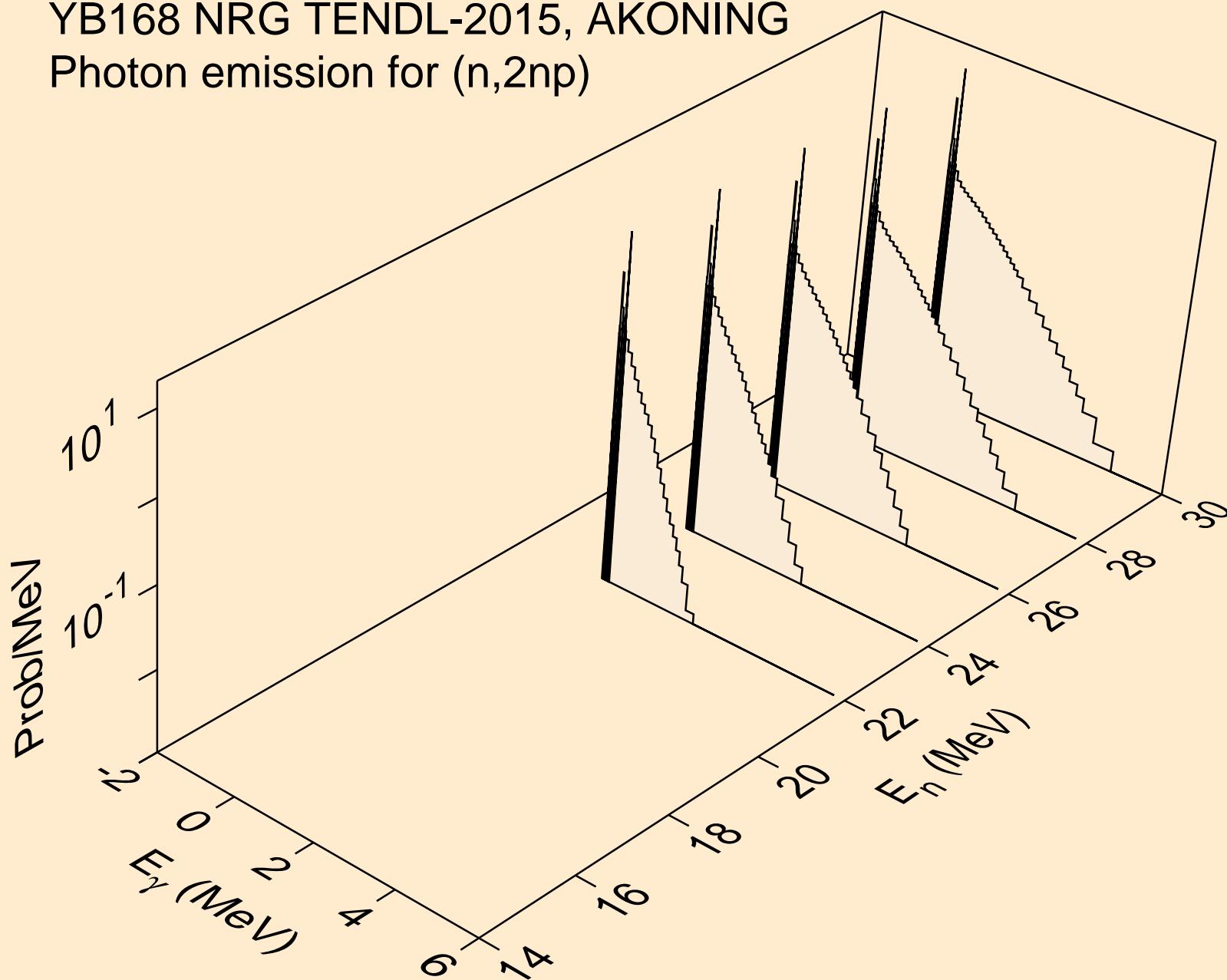
YB168 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



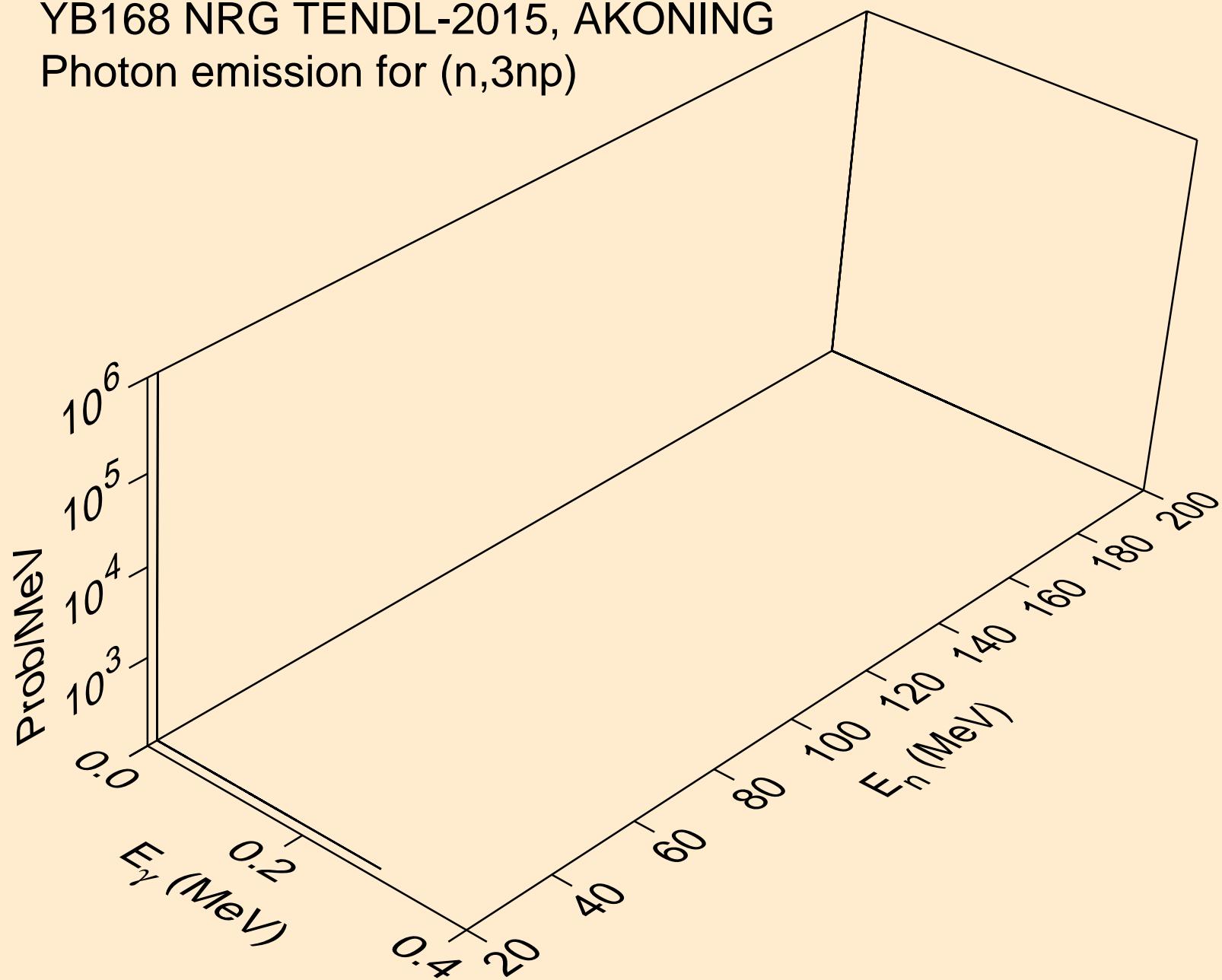
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



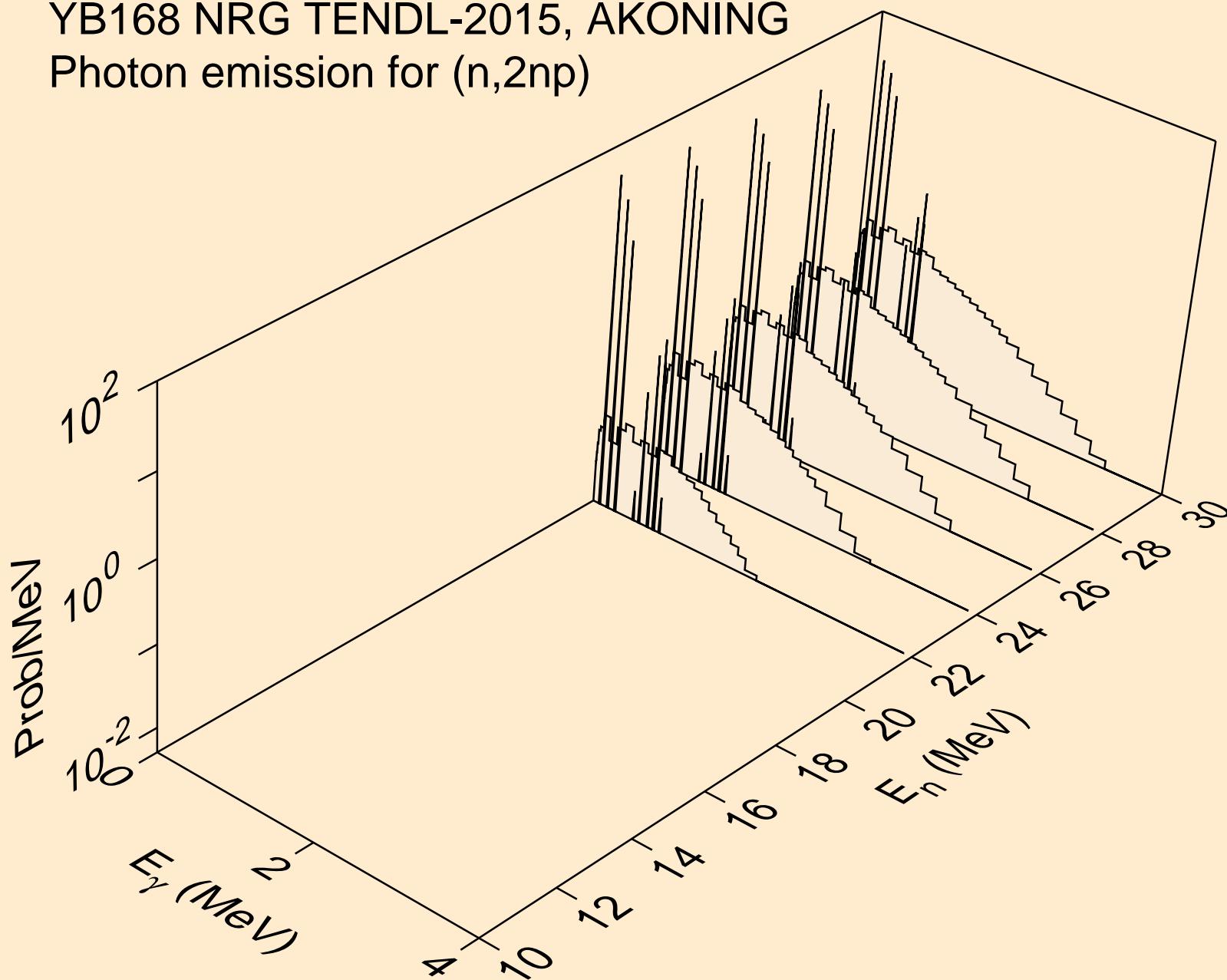
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



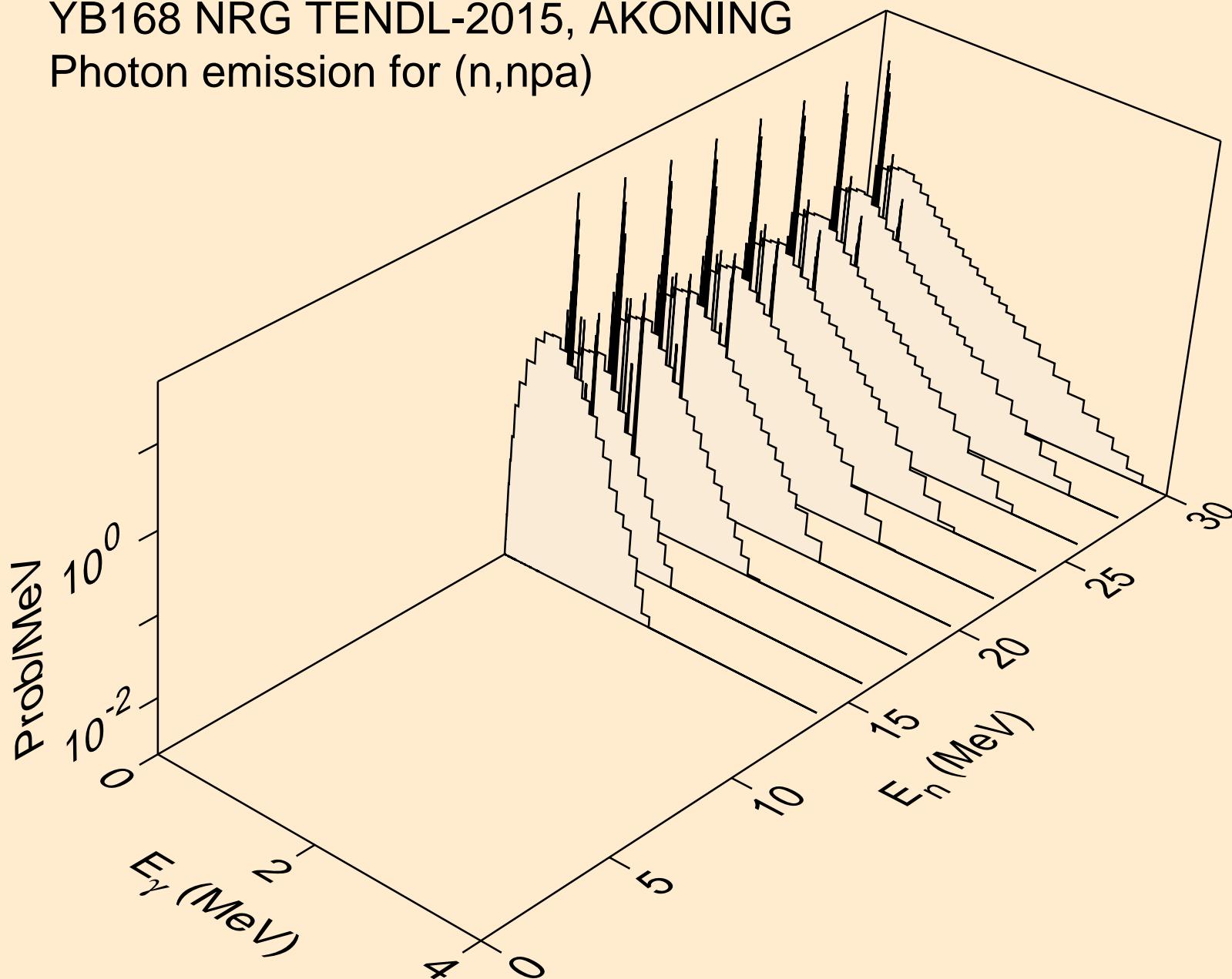
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



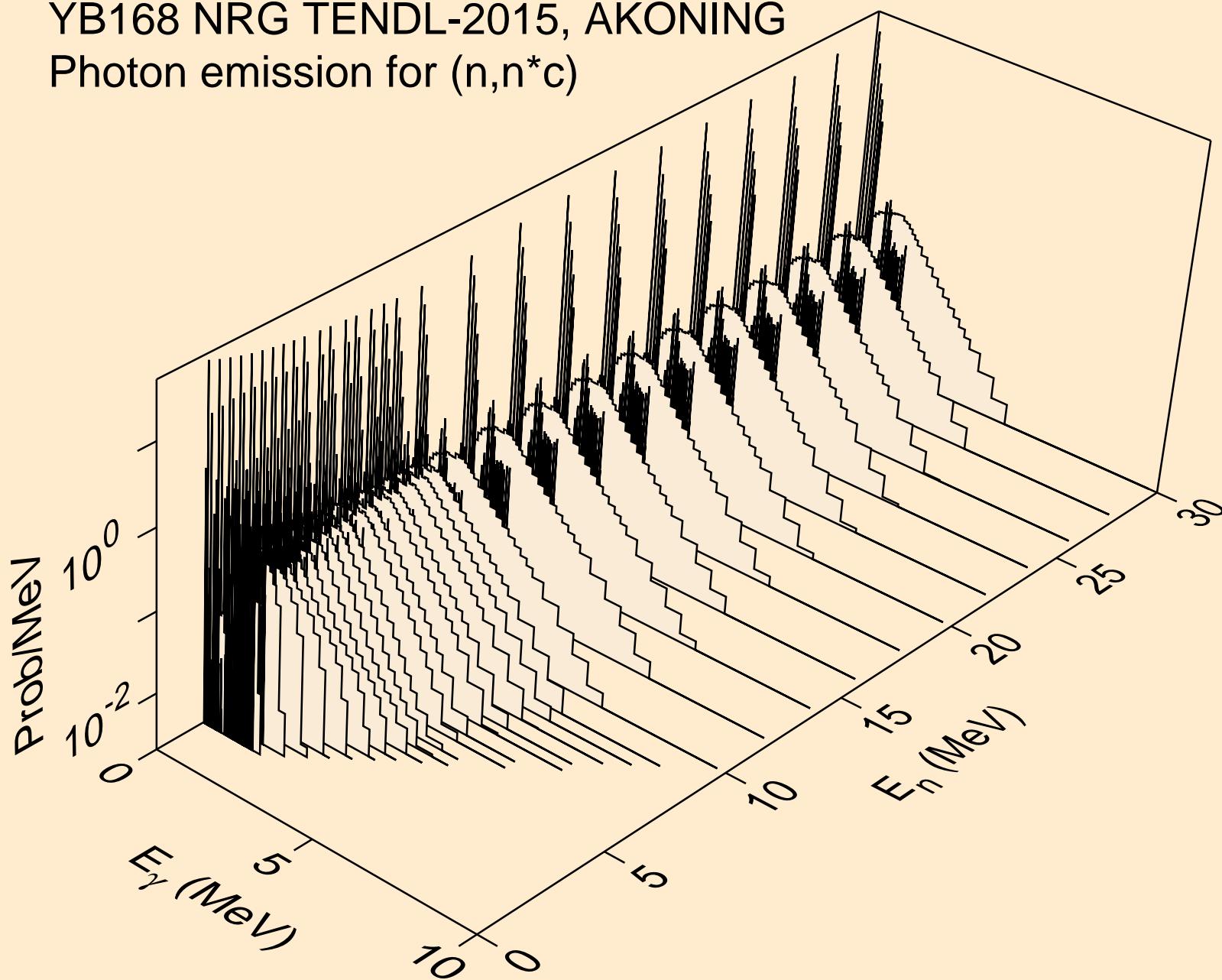
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Photon emission for (n,2np)



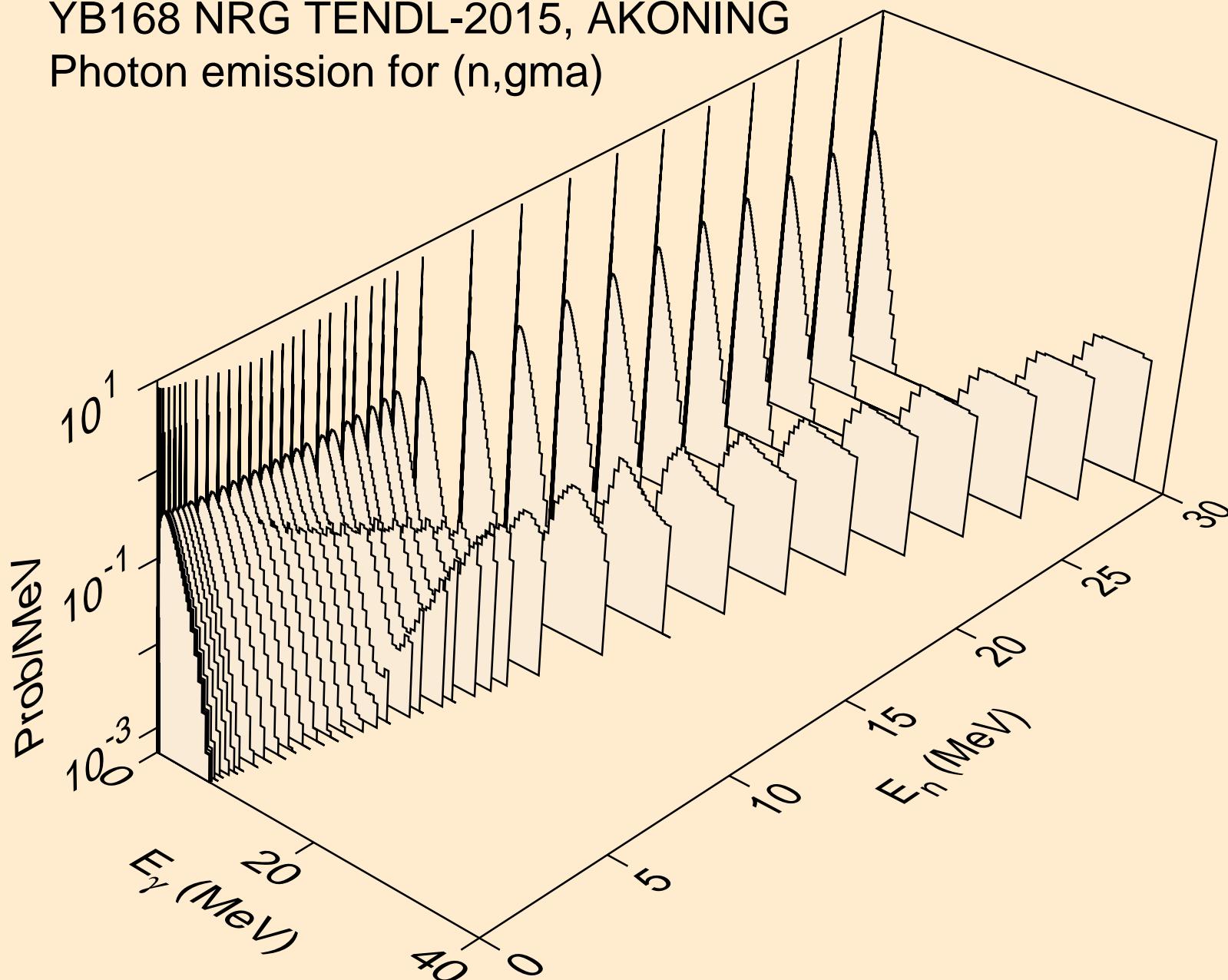
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



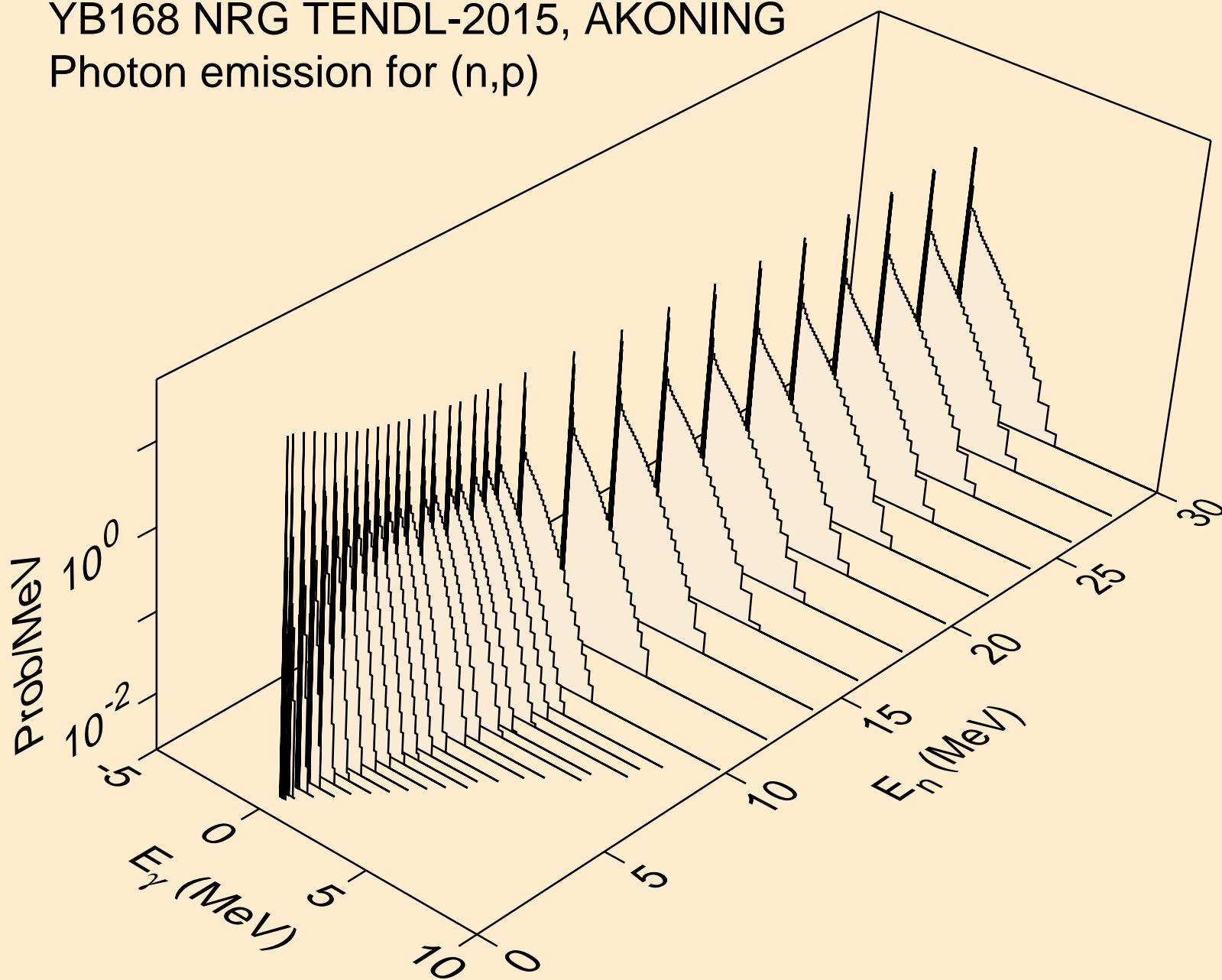
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



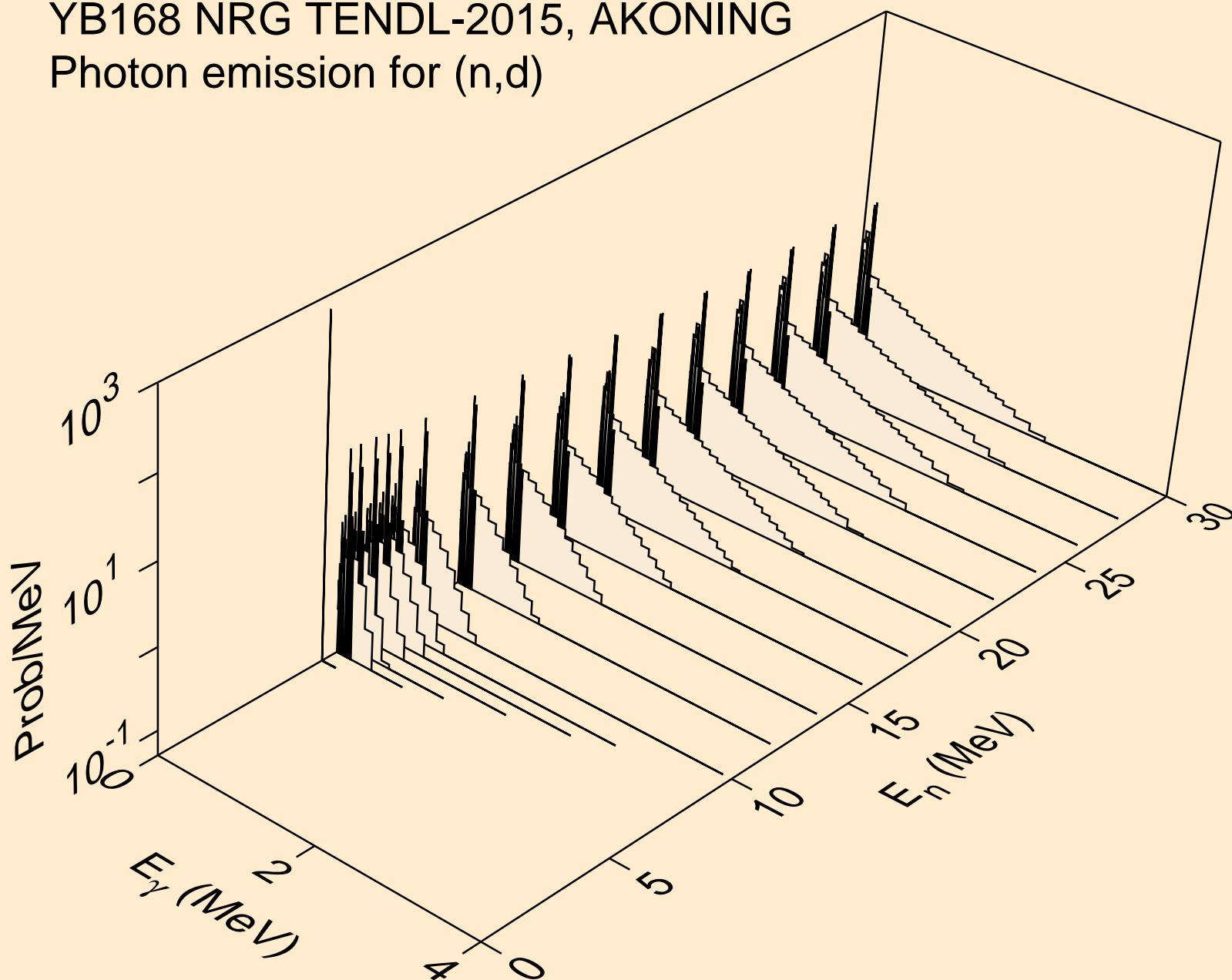
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



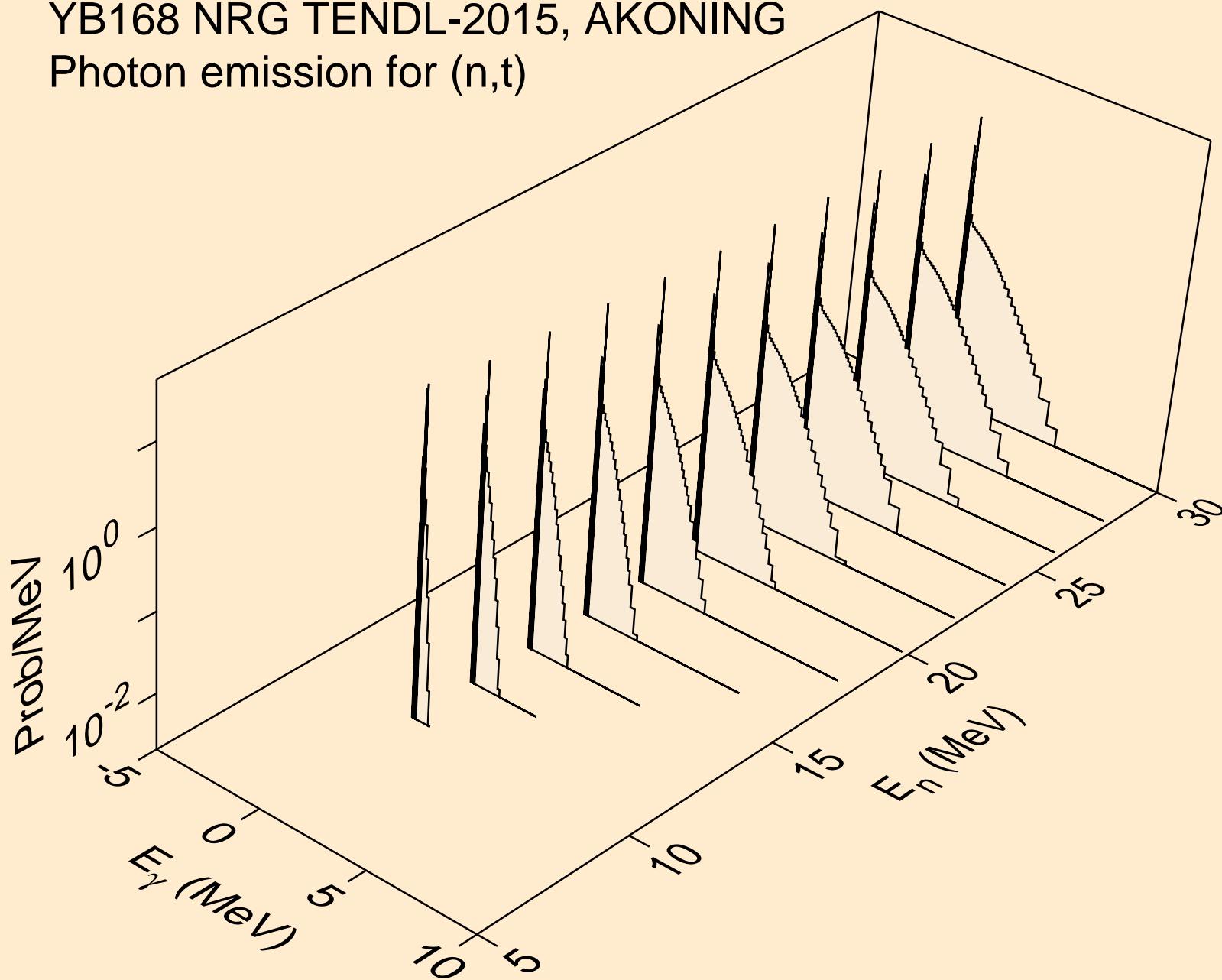
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



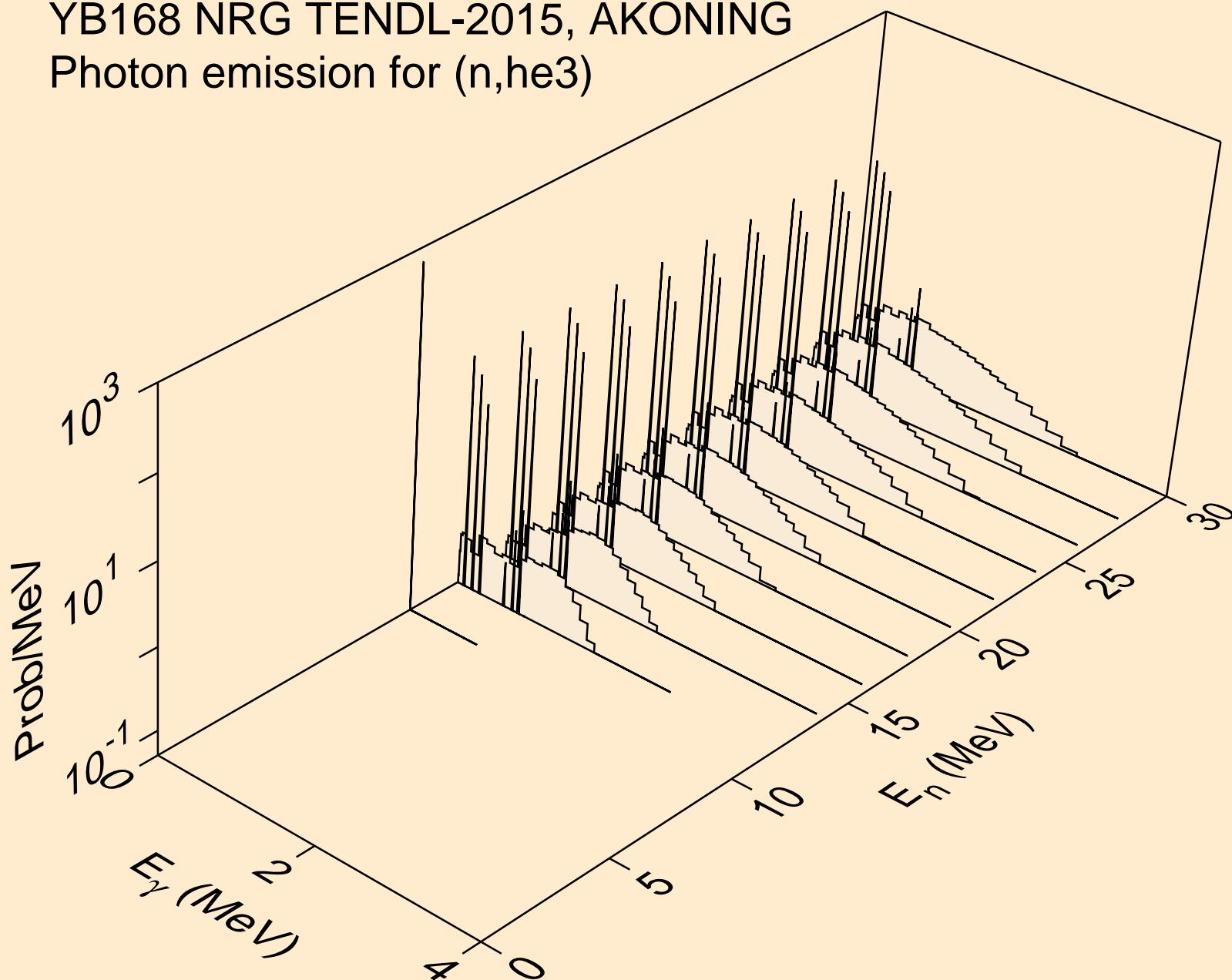
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



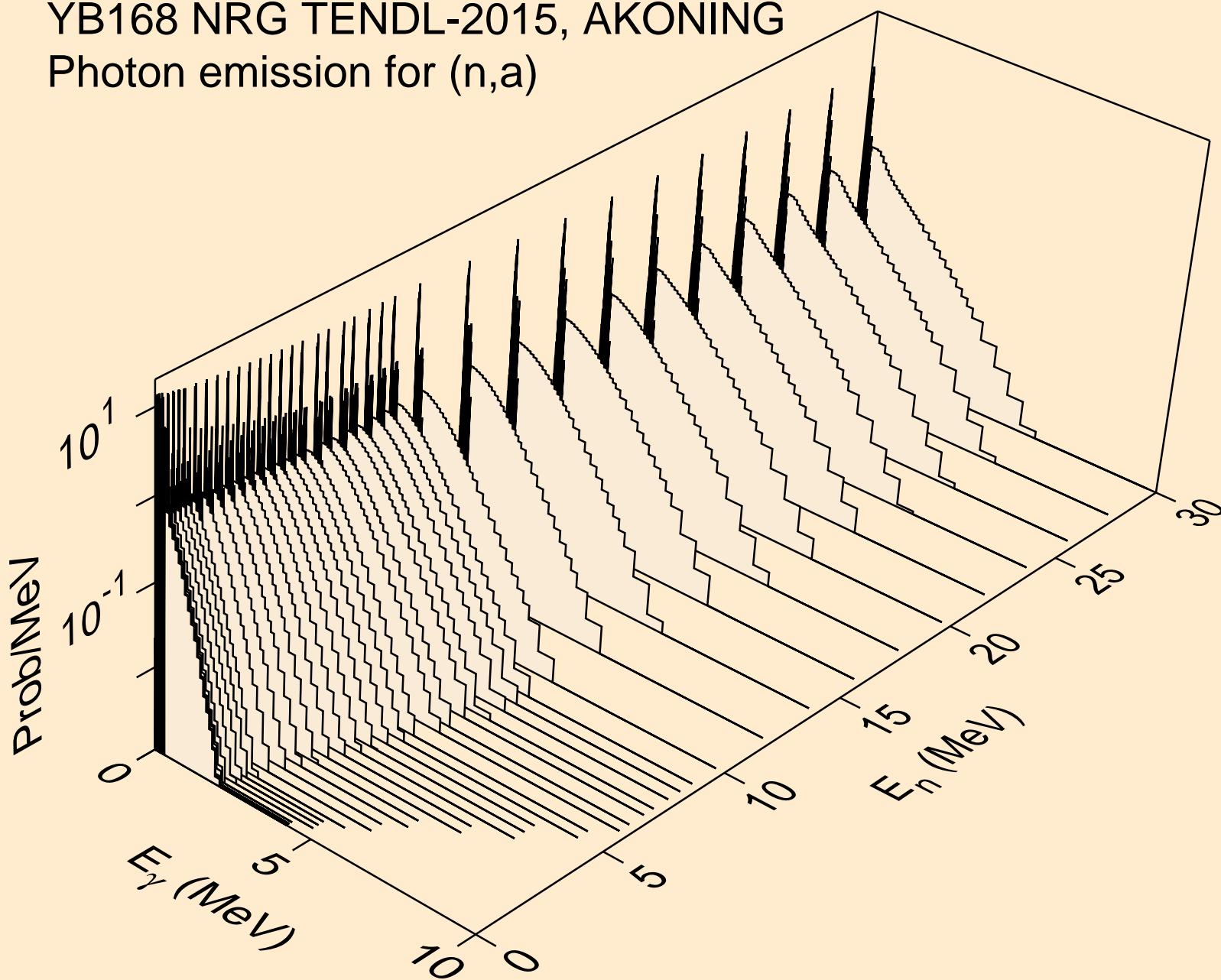
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



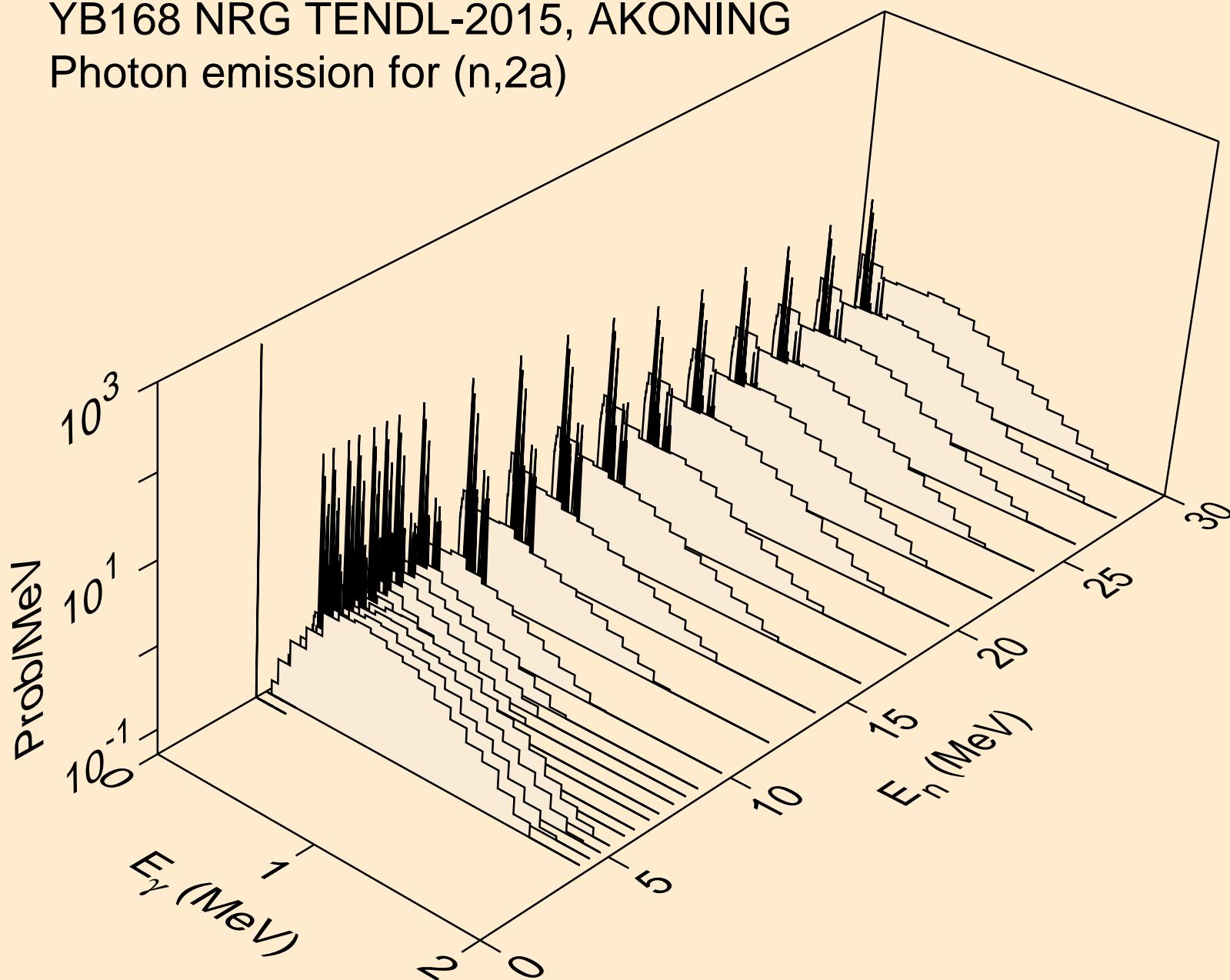
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



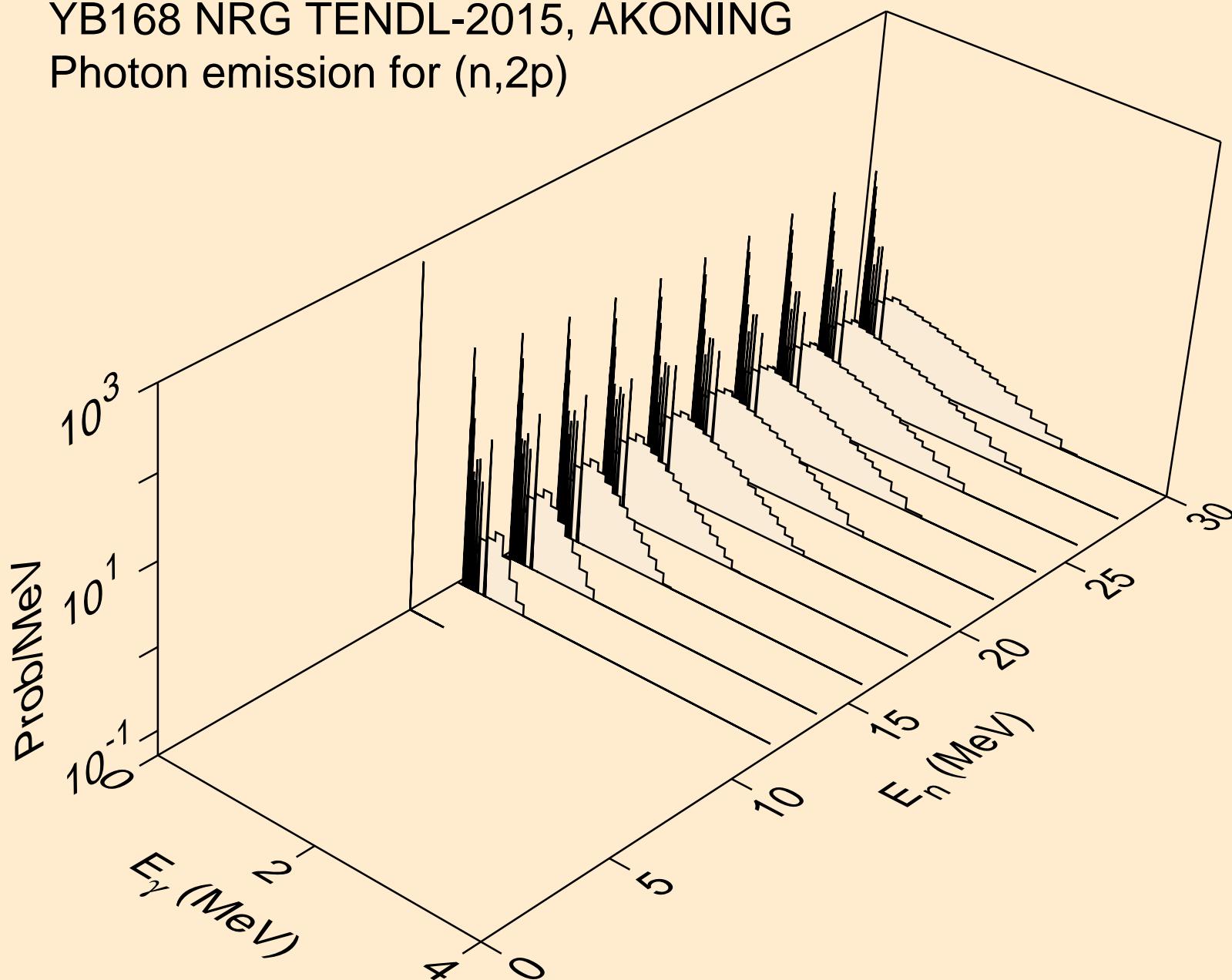
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



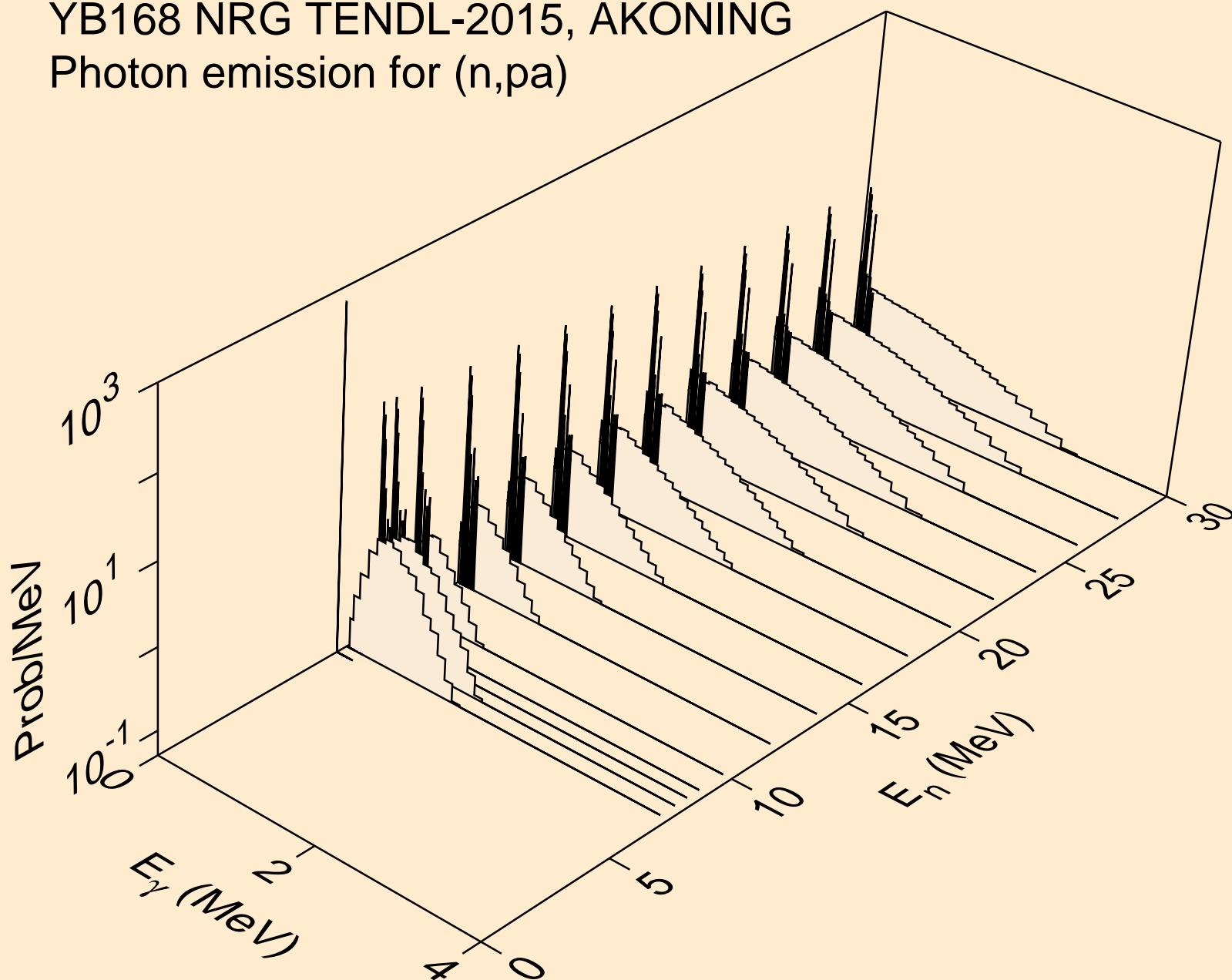
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



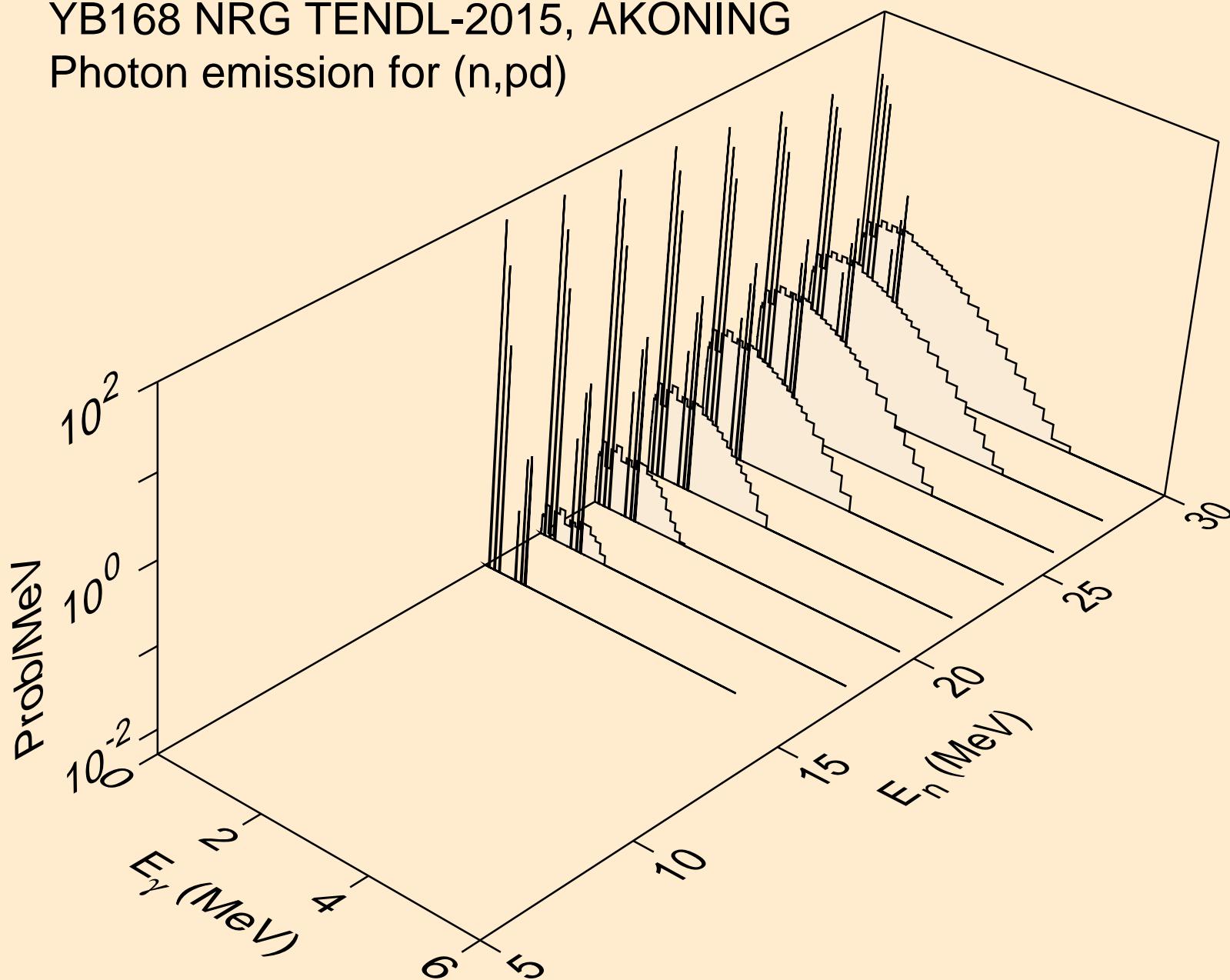
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



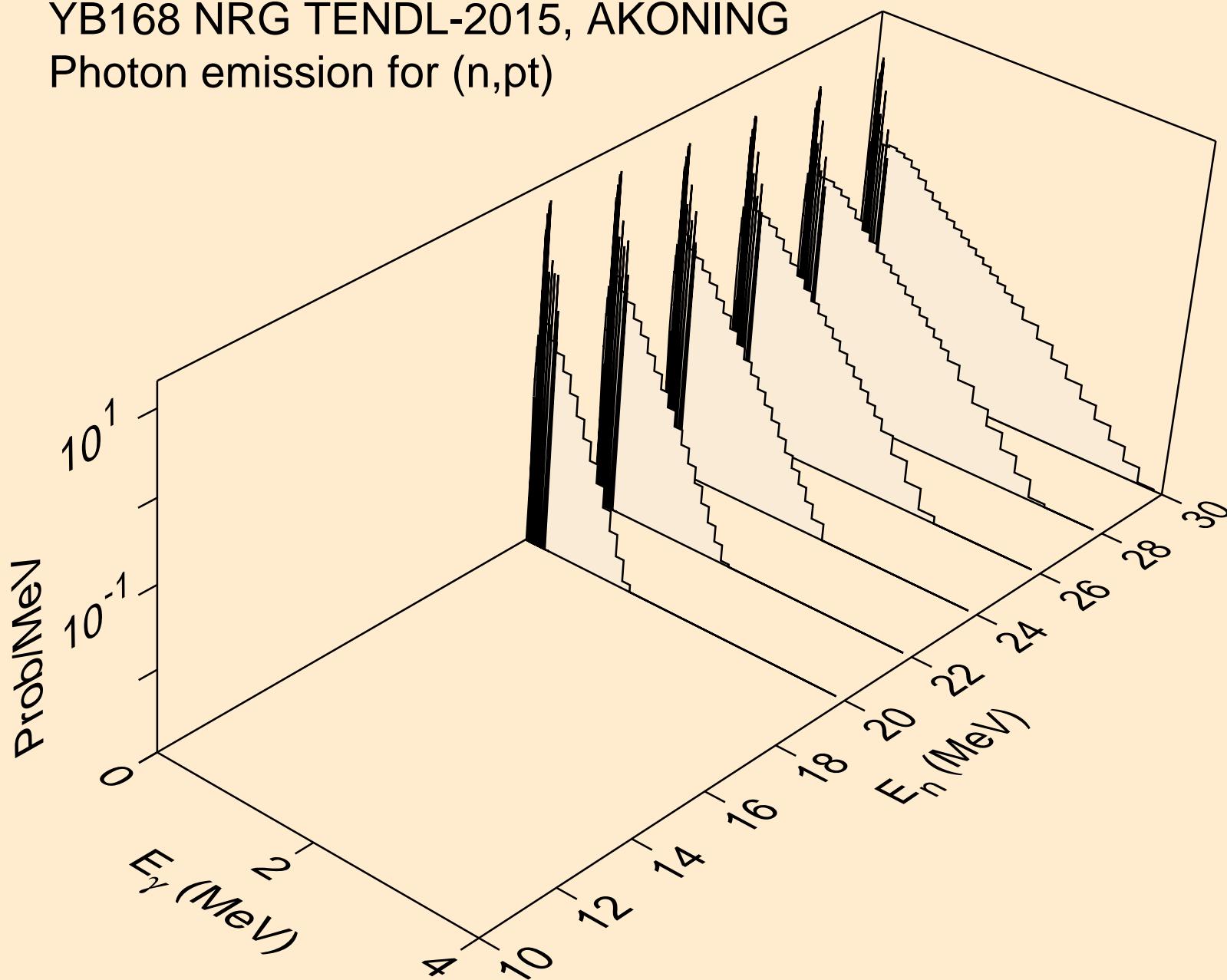
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



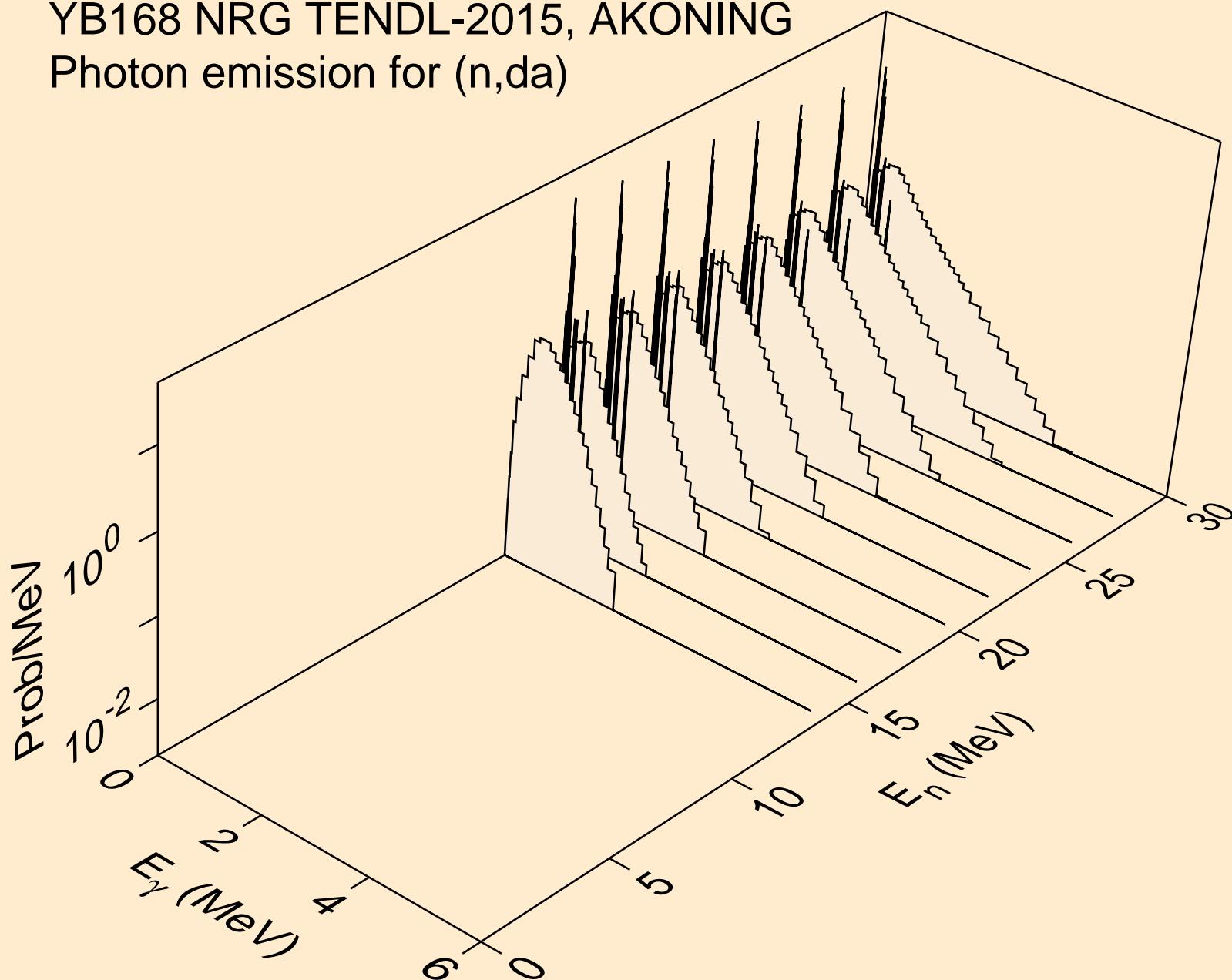
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



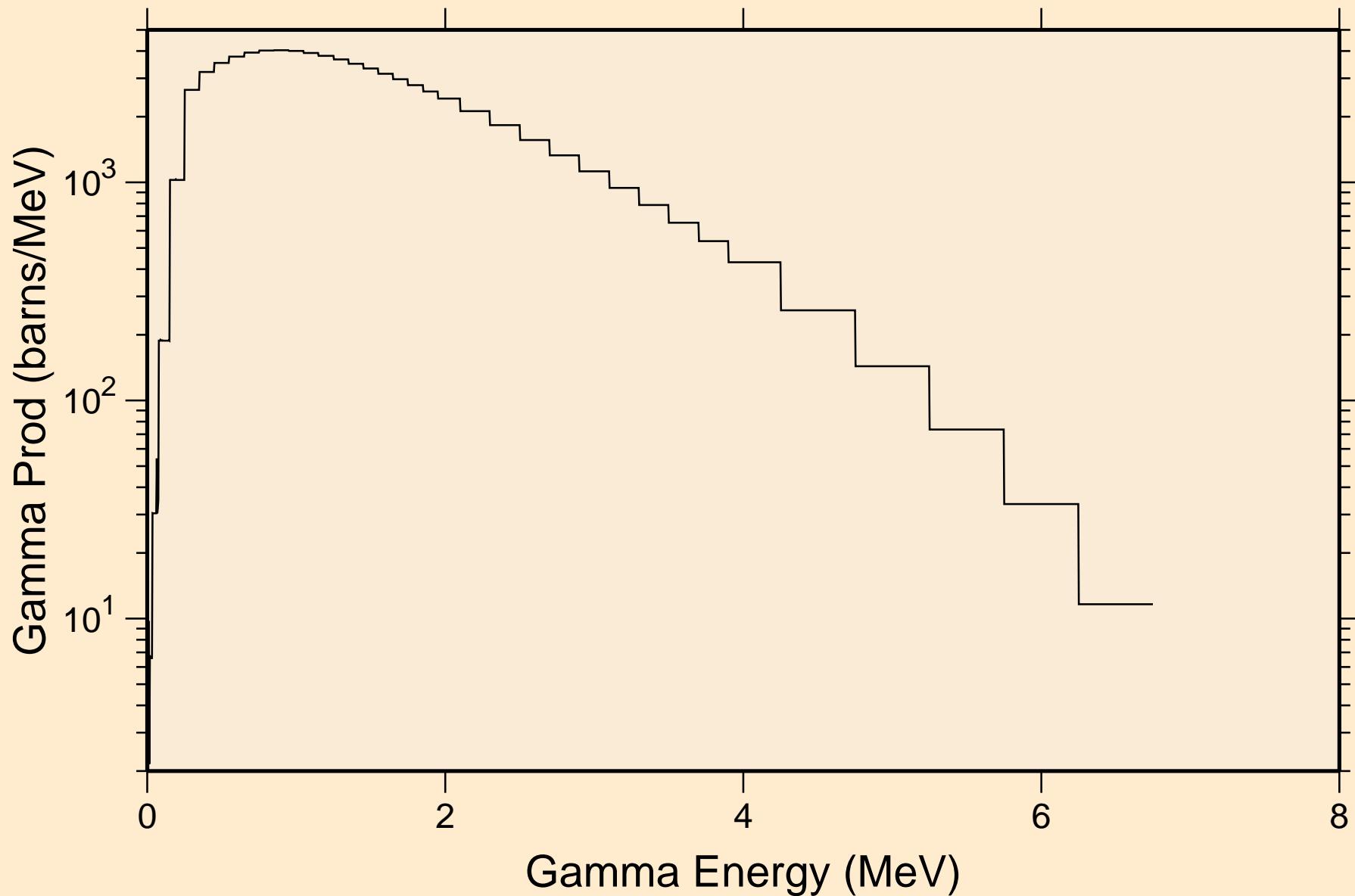
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



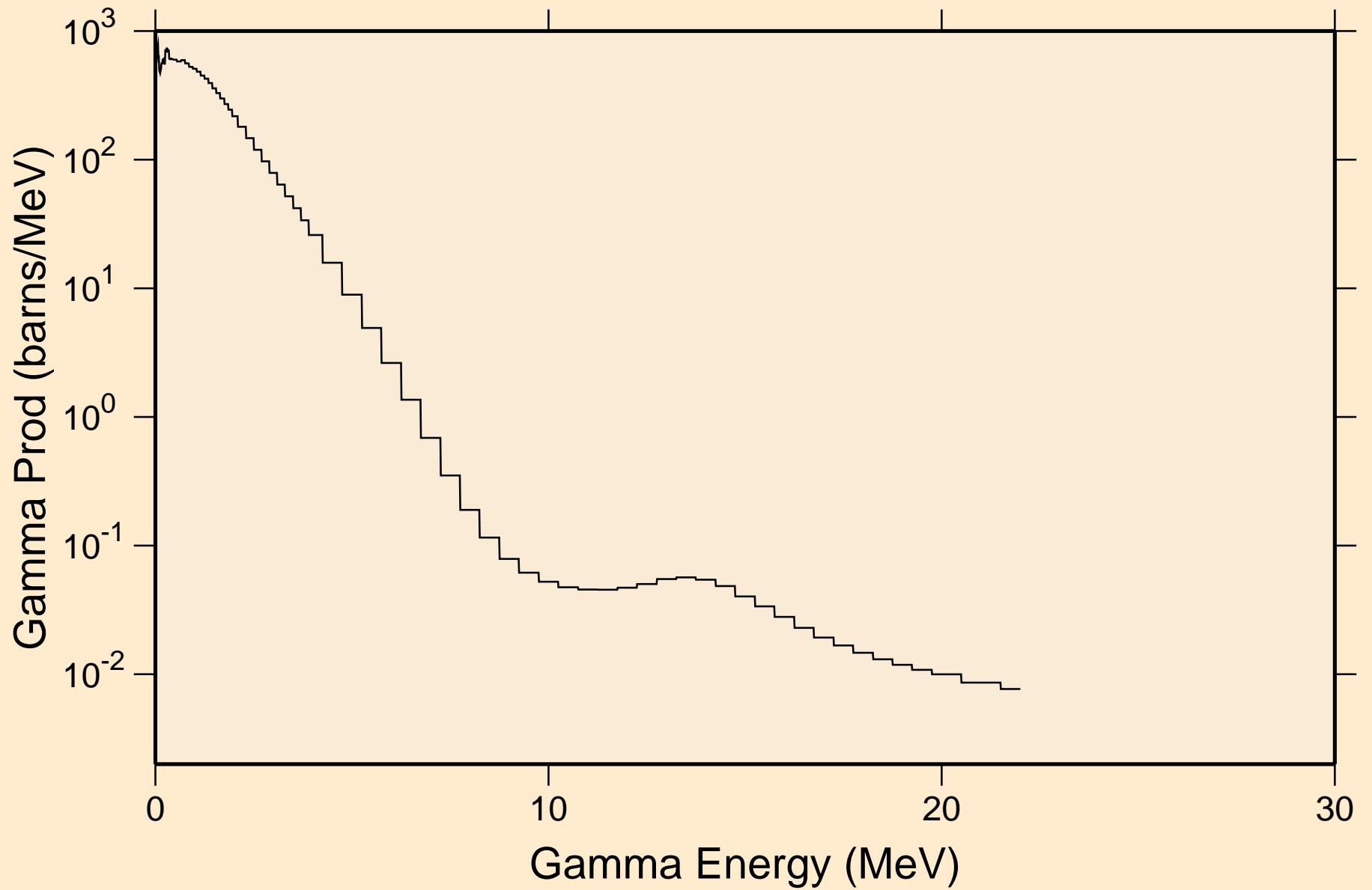
YB168 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



YB168 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

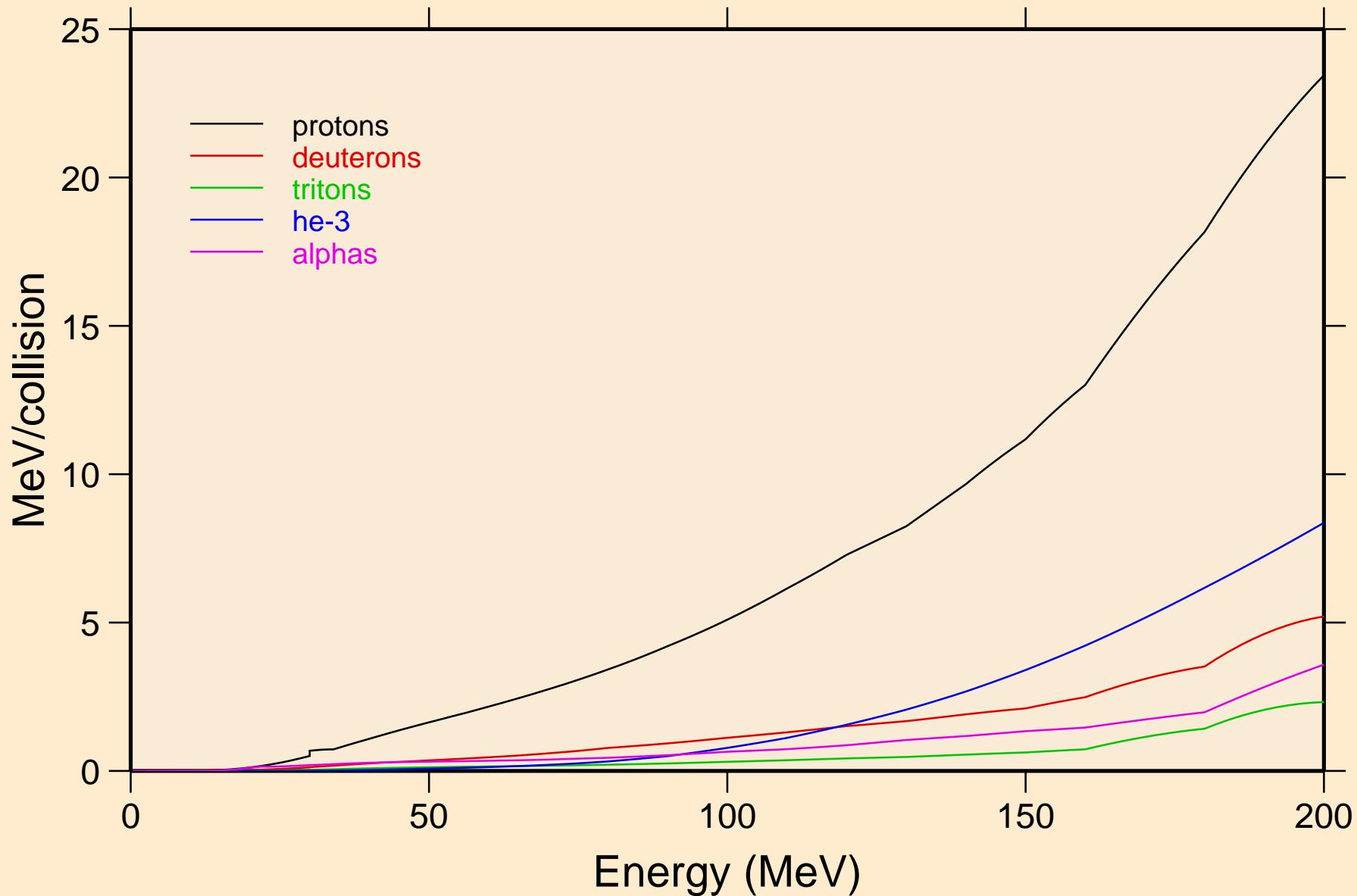


YB168 NRG TENDL-2015, AKONING  
14 MeV photon spectrum

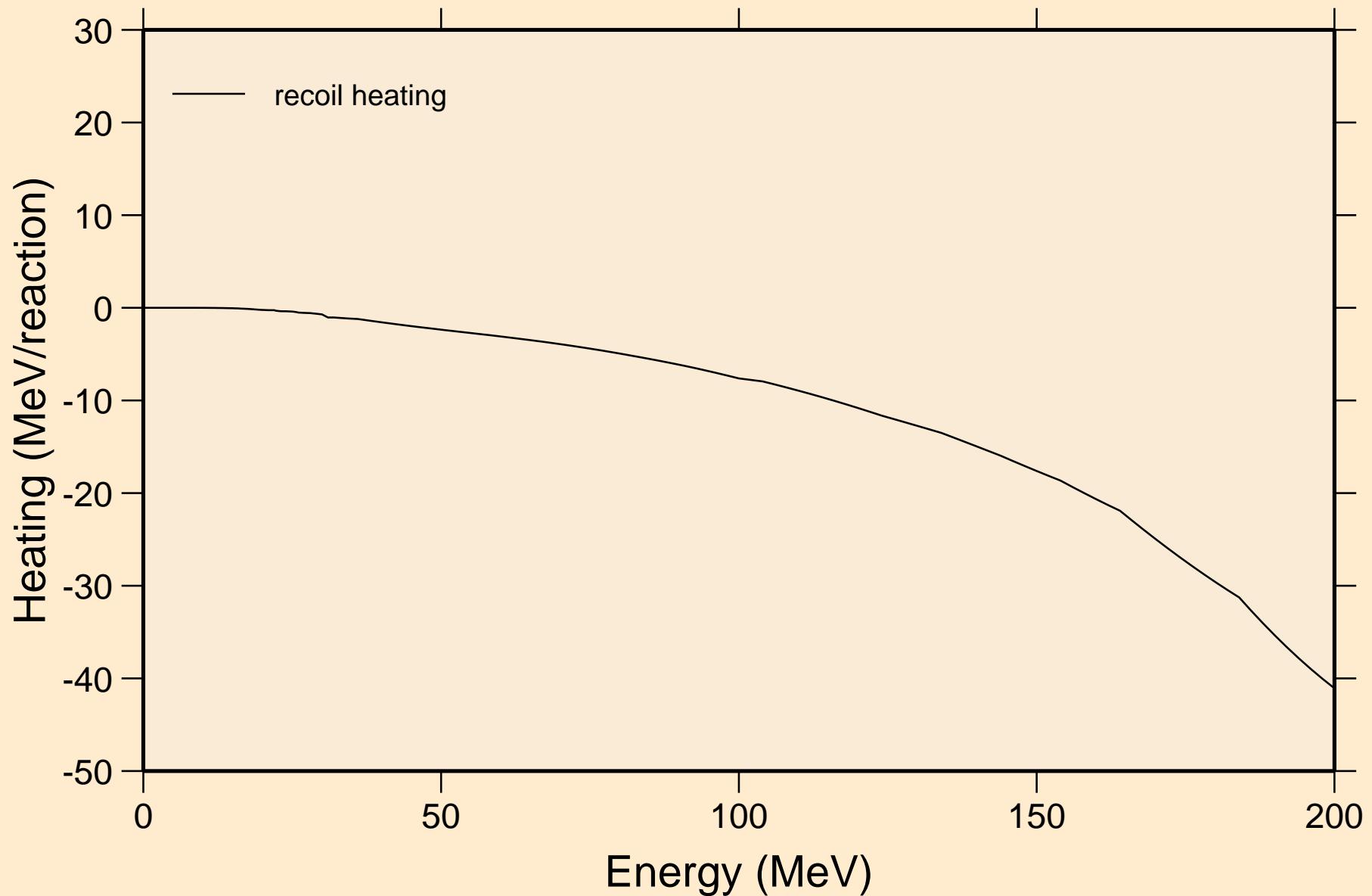


# YB168 NRG TENDL-2015, AKONING

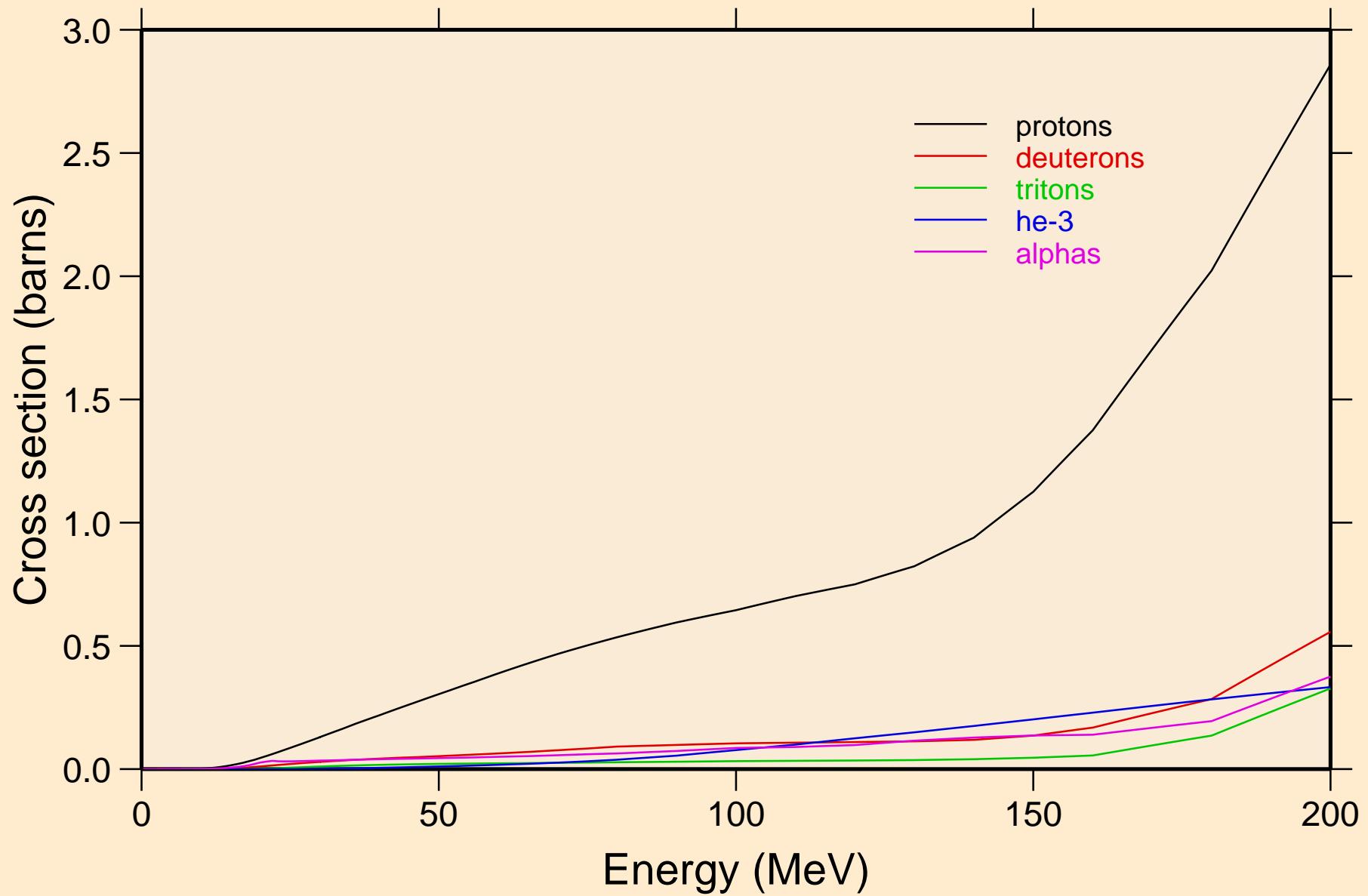
## Particle heating contributions



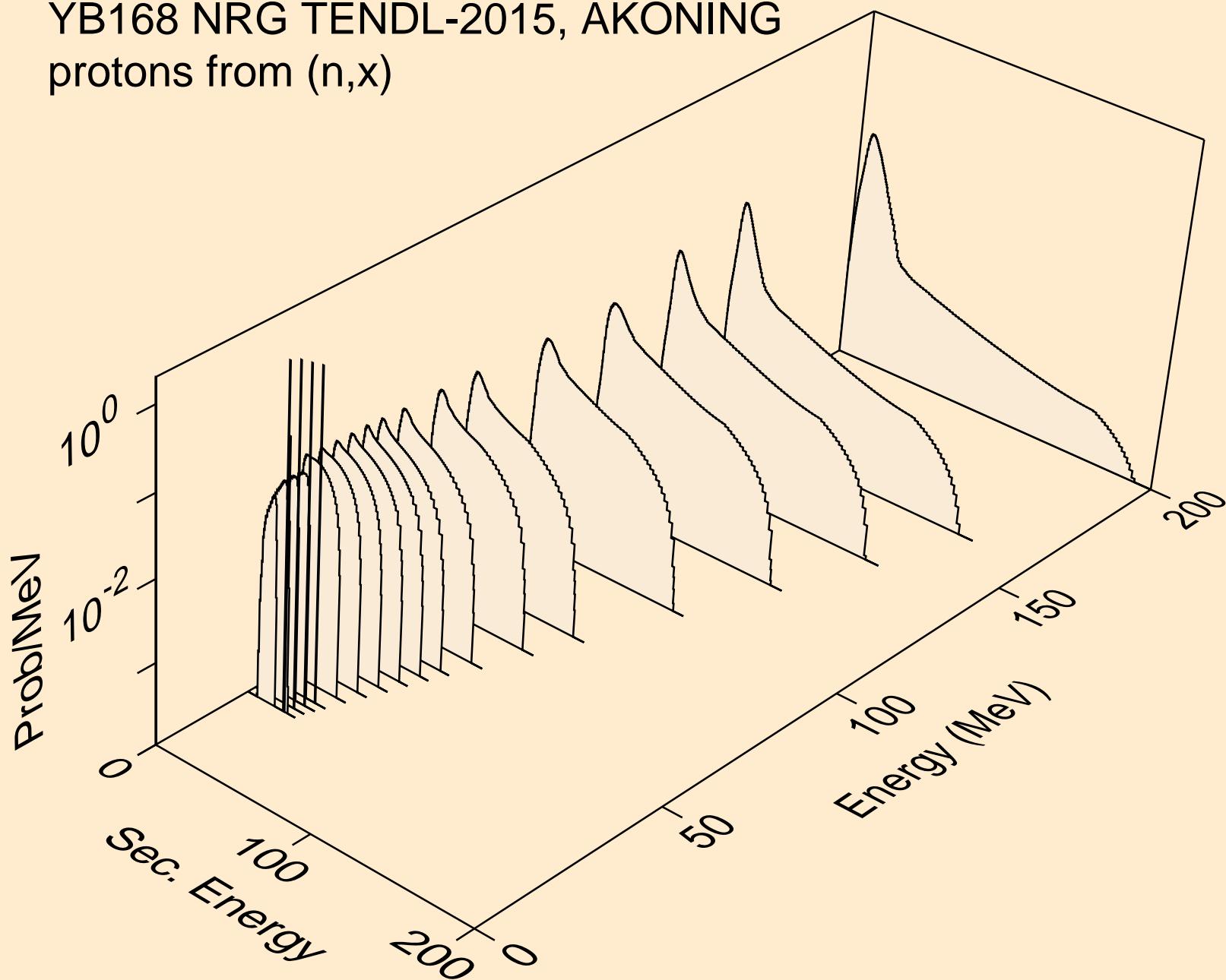
YB168 NRG TENDL-2015, AKONING  
Recoil Heating



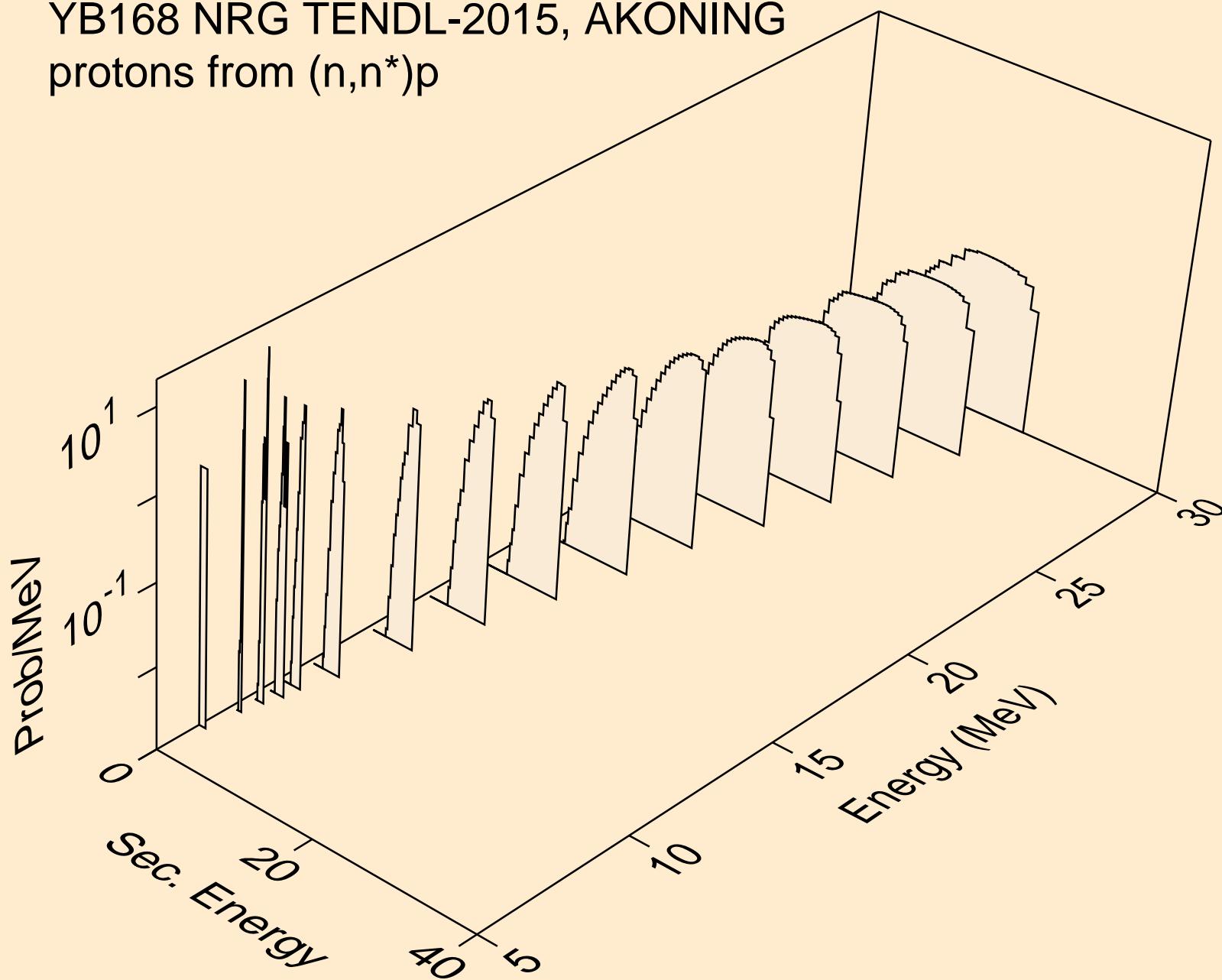
YB168 NRG TENDL-2015, AKONING  
Particle production cross sections



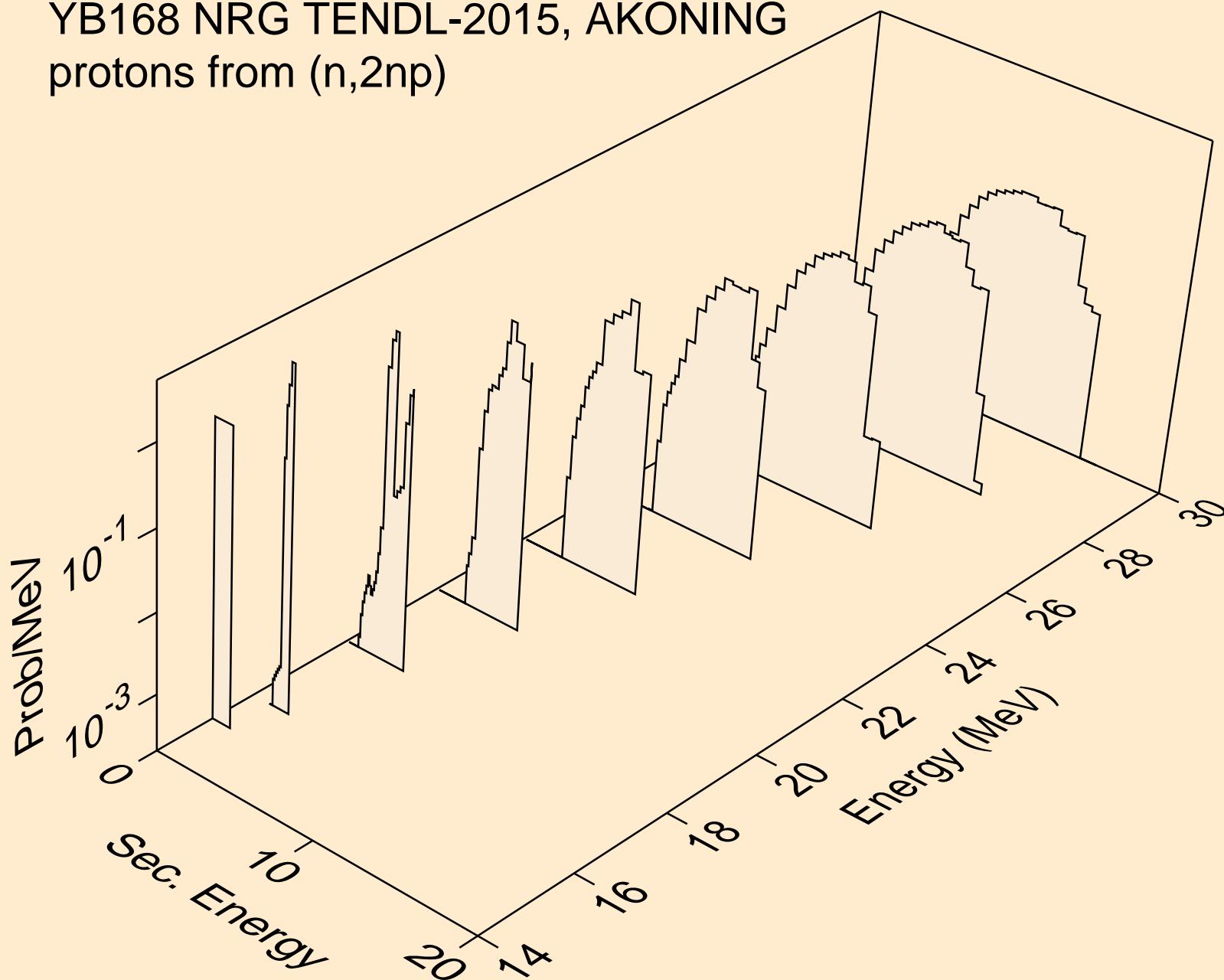
YB168 NRG TENDL-2015, AKONING  
protons from ( $n,x$ )



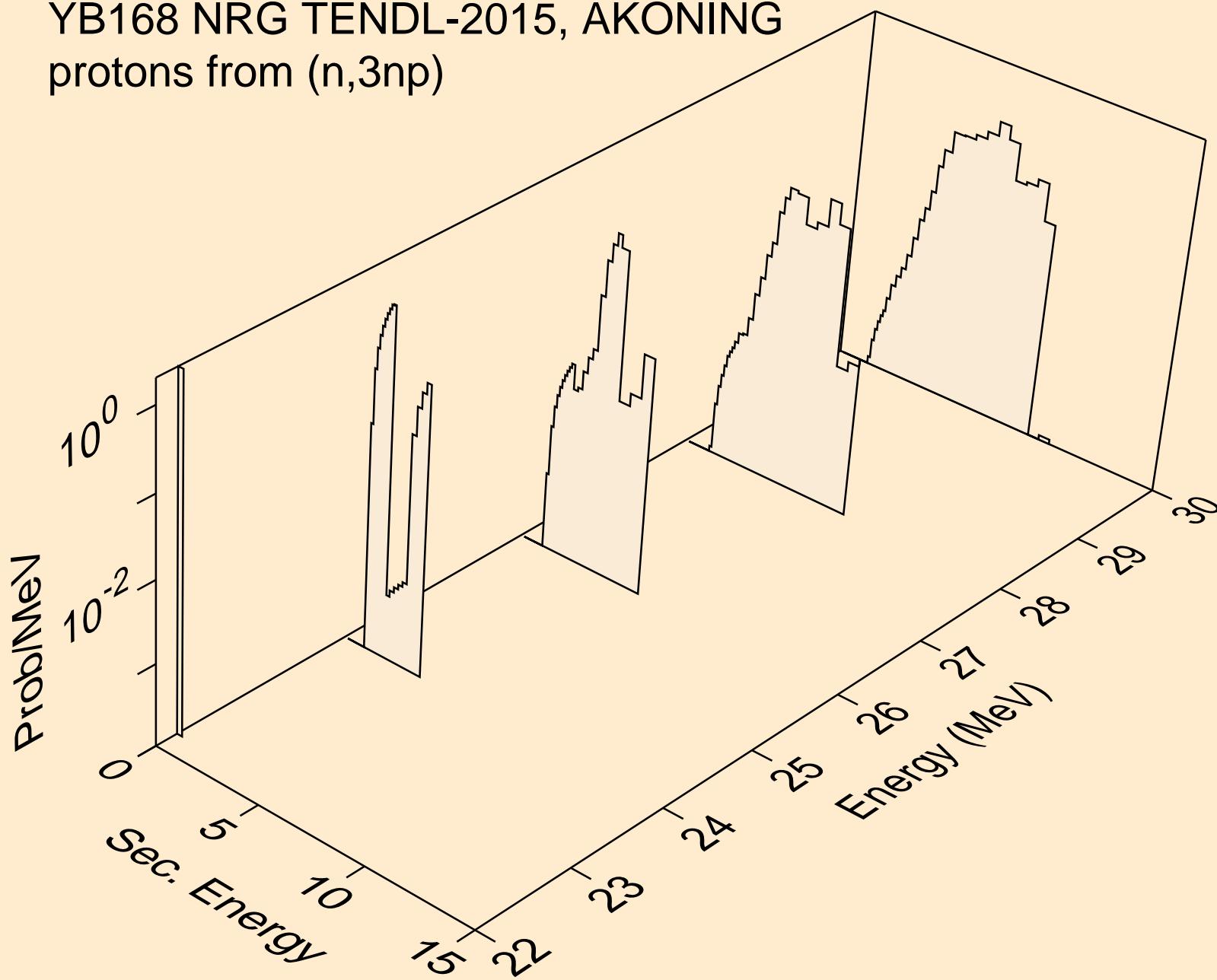
YB168 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



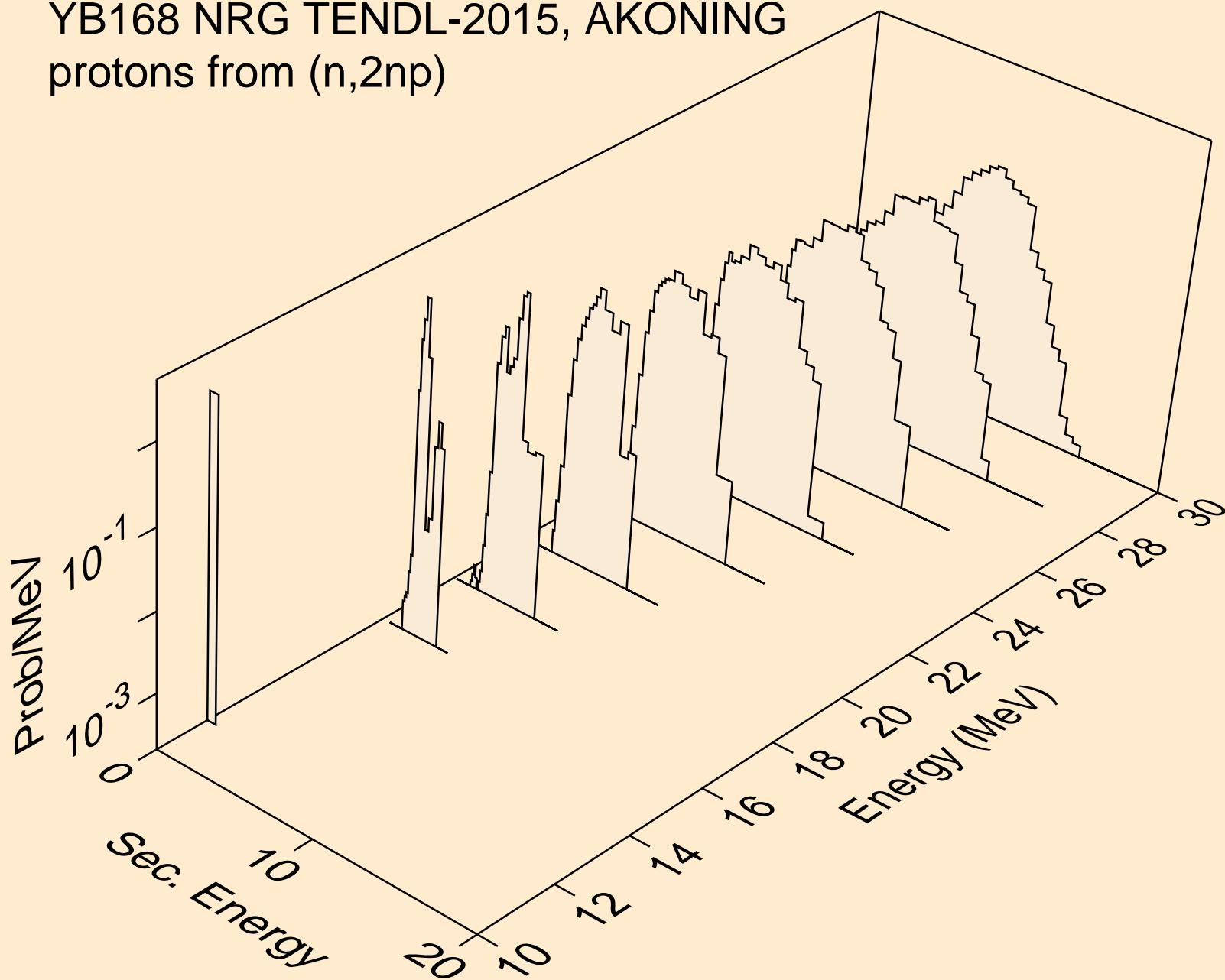
YB168 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



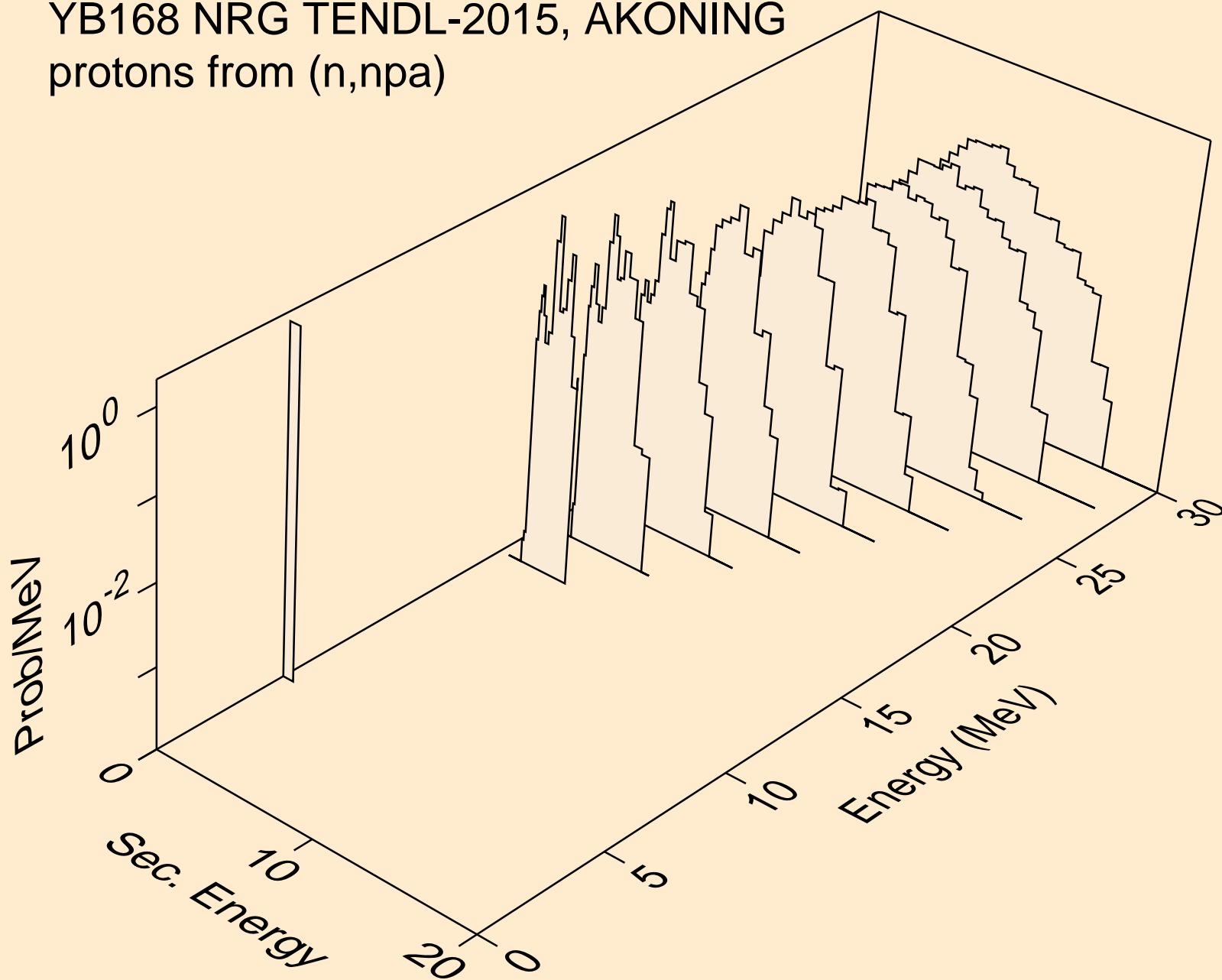
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protons from ( $n,3np$ )



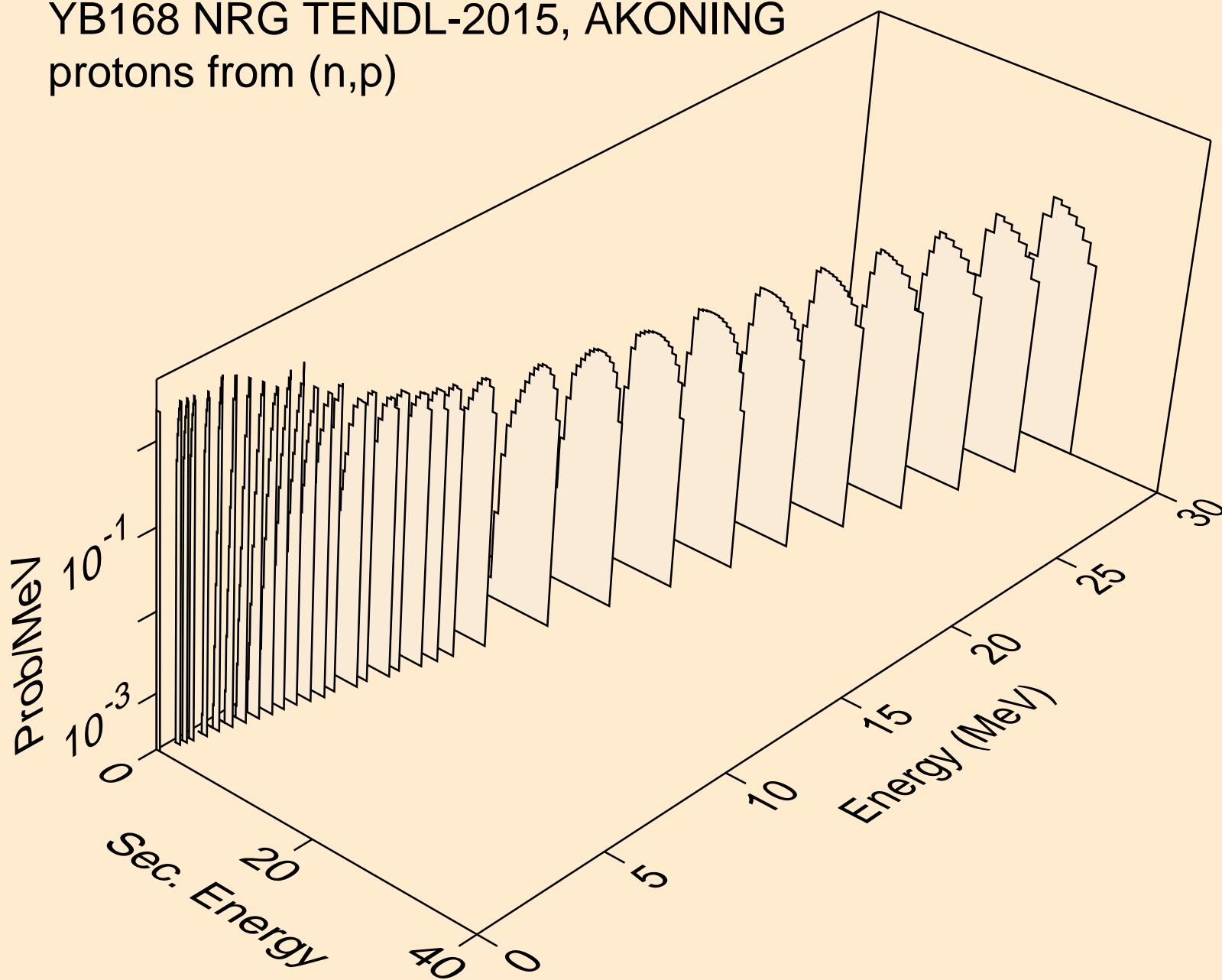
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protons from ( $n,2np$ )



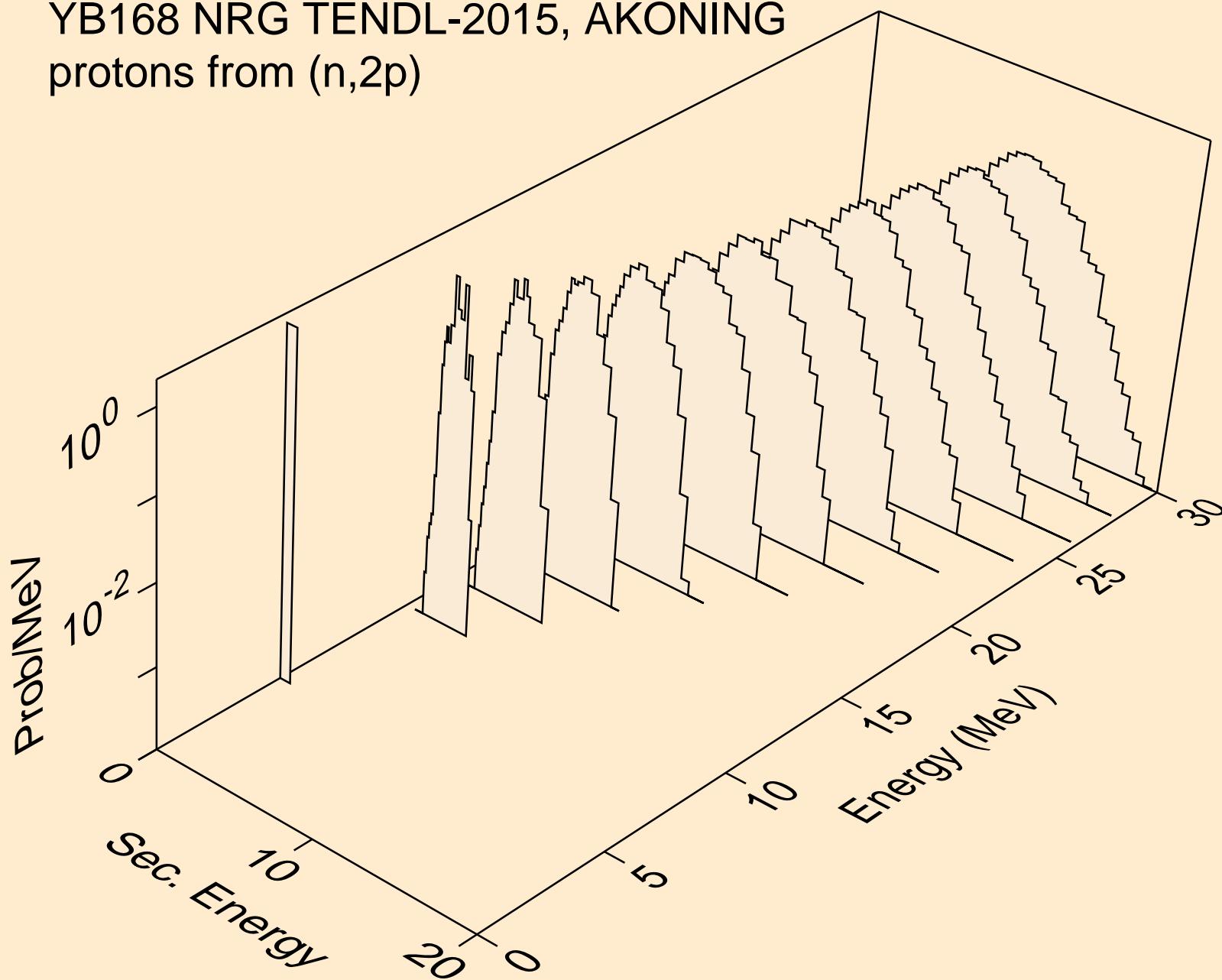
YB168 NRG TENDL-2015, AKONING  
protons from (n,npa)



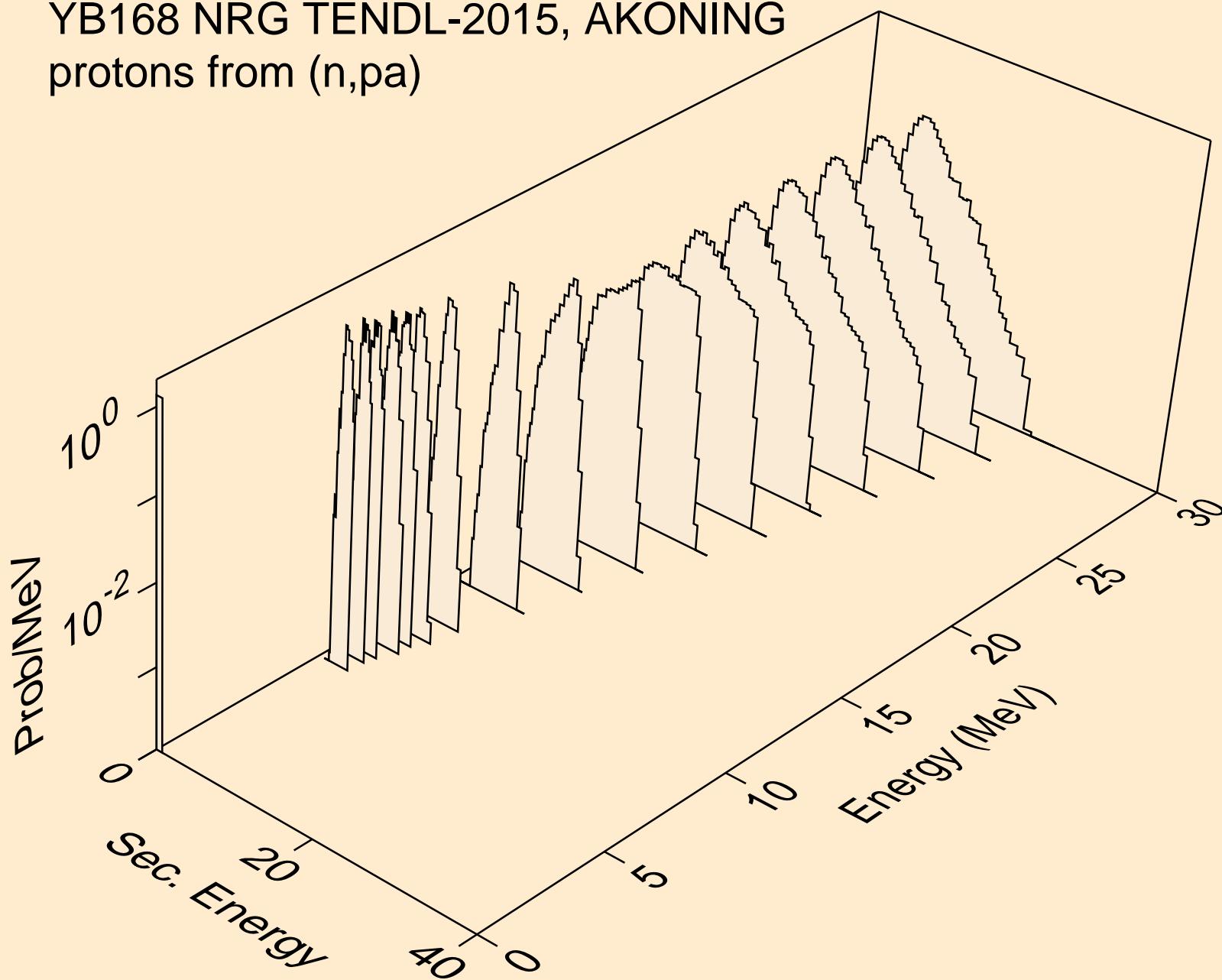
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protons from (n,p)



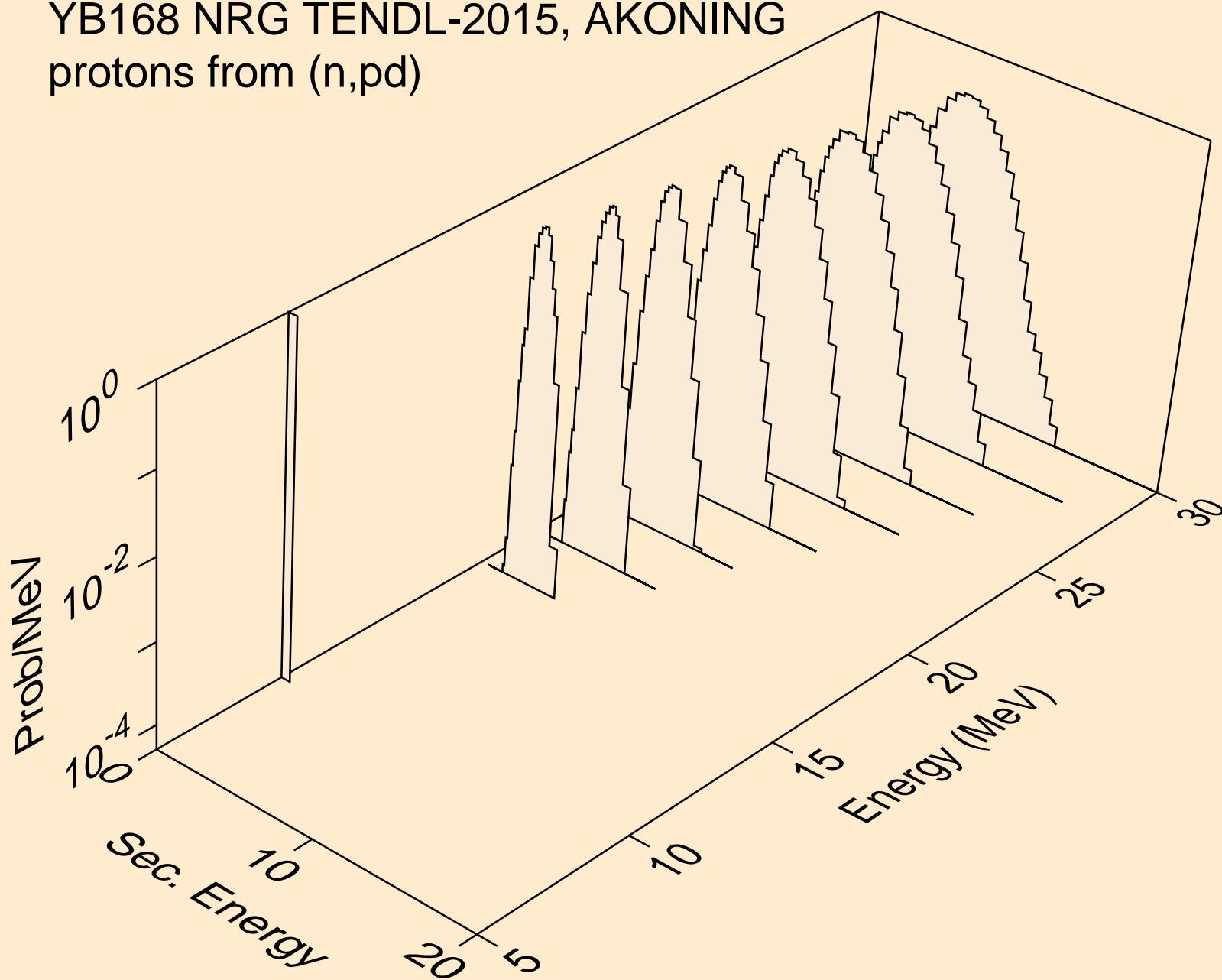
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protons from ( $n,2p$ )



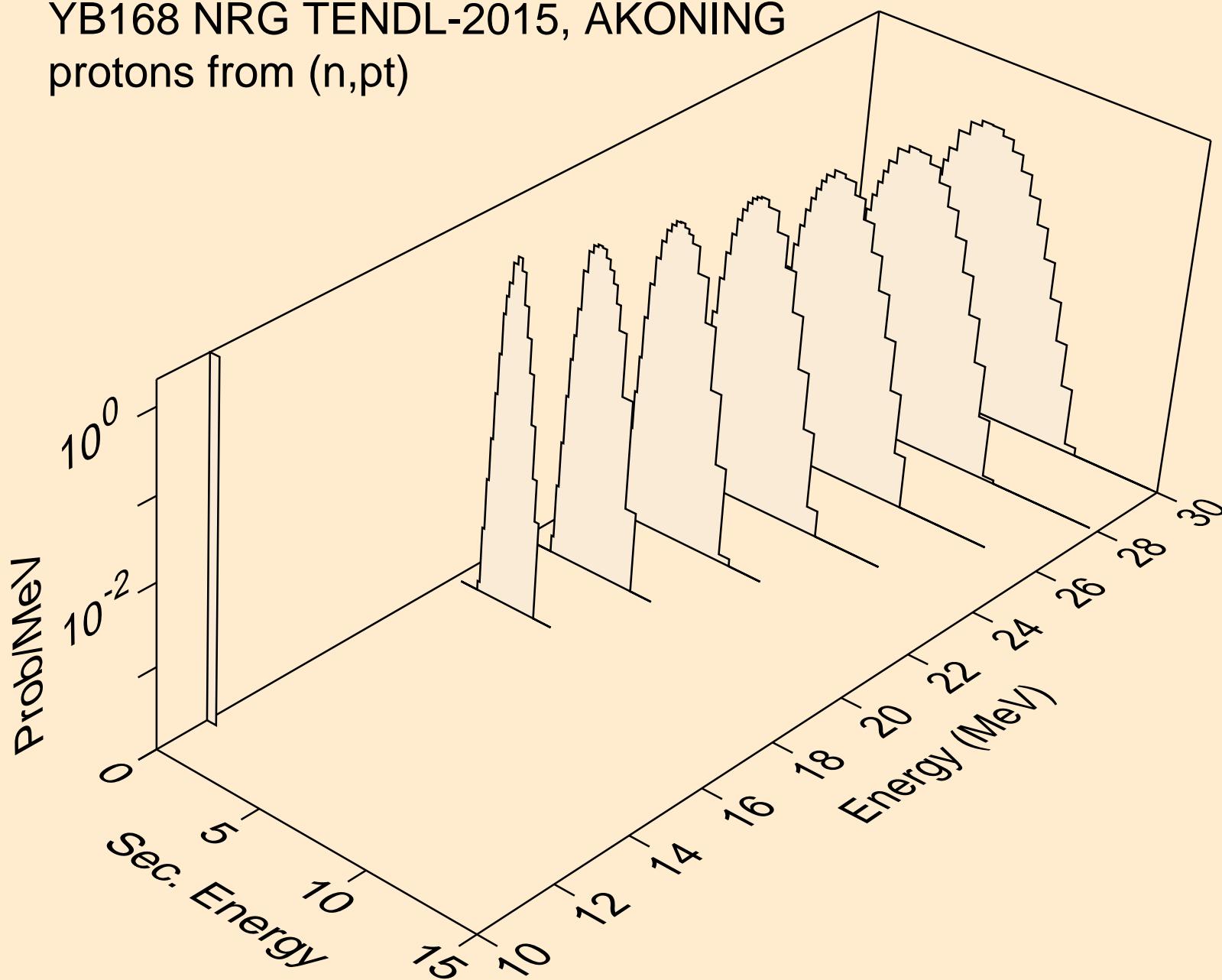
YB168 NRG TENDL-2015, AKONING  
protons from (n,pa)



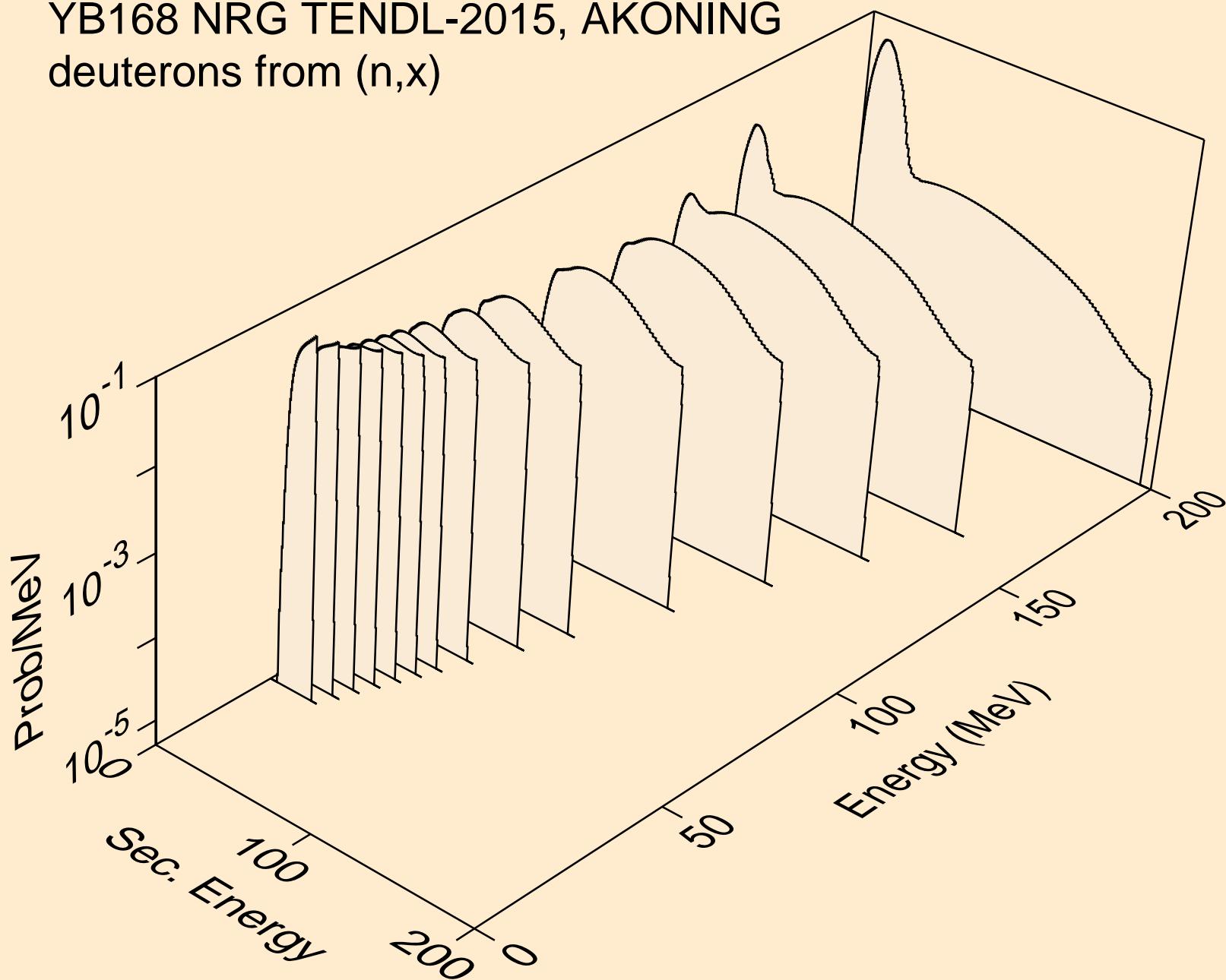
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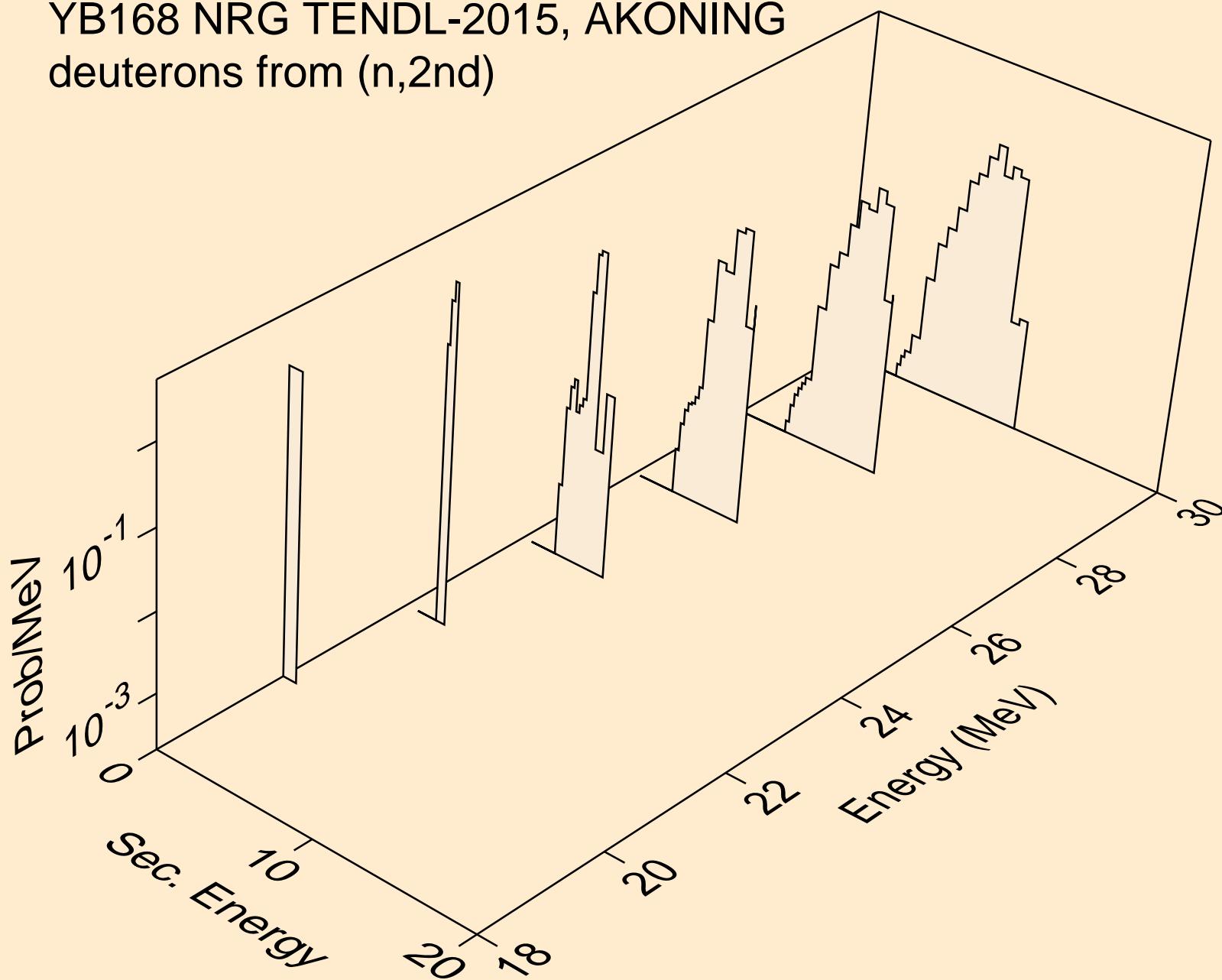
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protons from (n,pt)



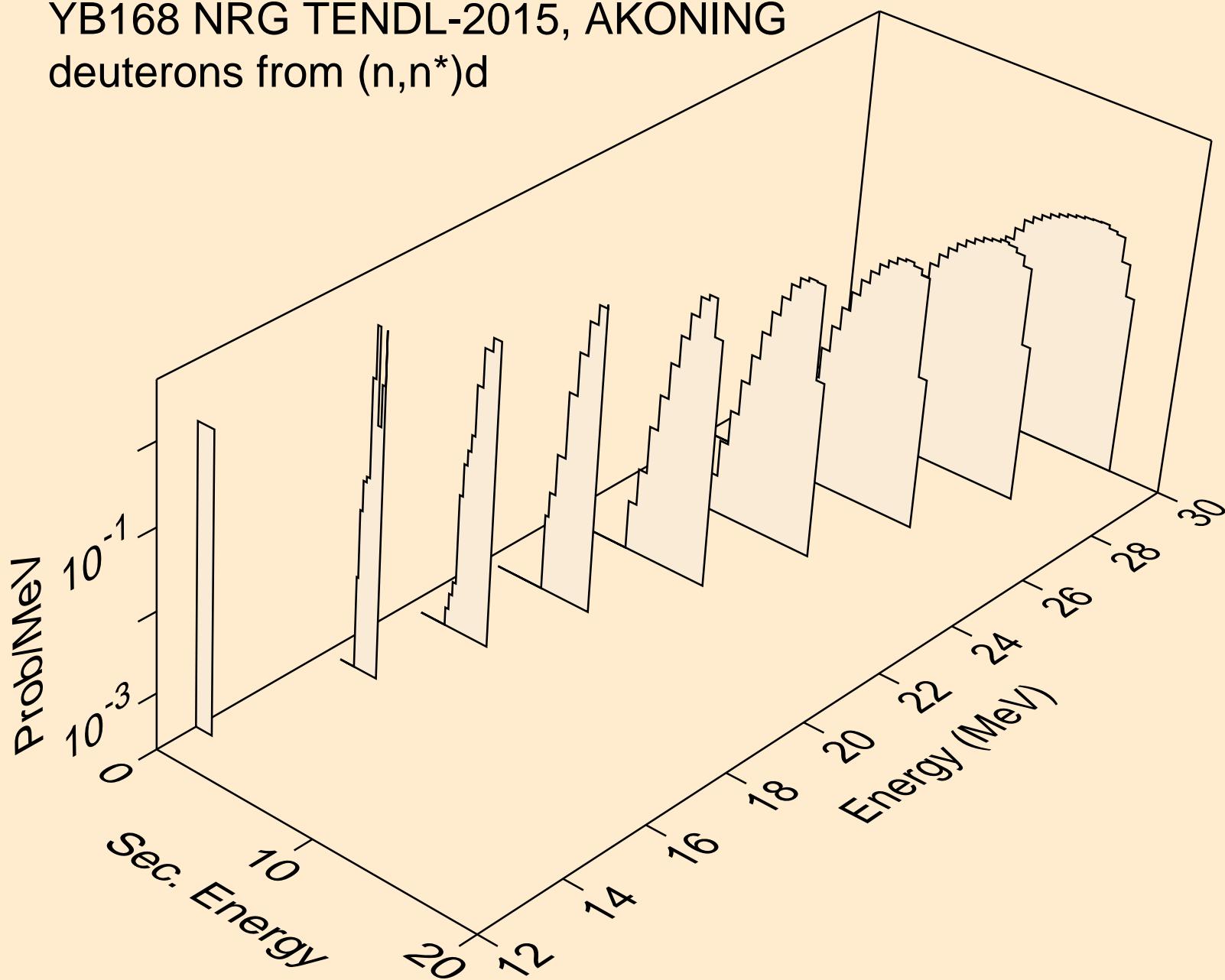
YB168 NRG TENDL-2015, AKONING  
deuterons from ( $n,x$ )



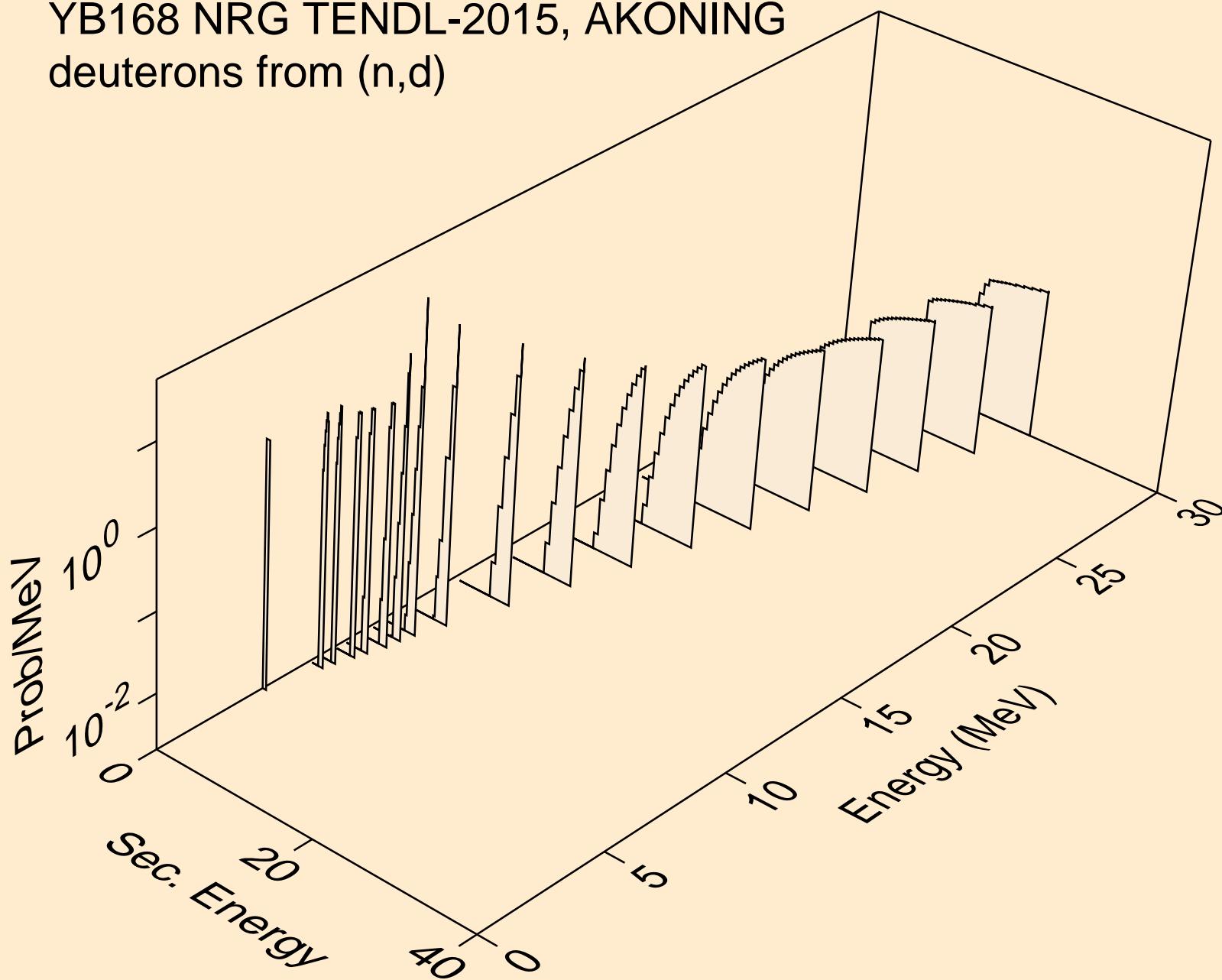
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deuterons from ( $n, 2nd$ )



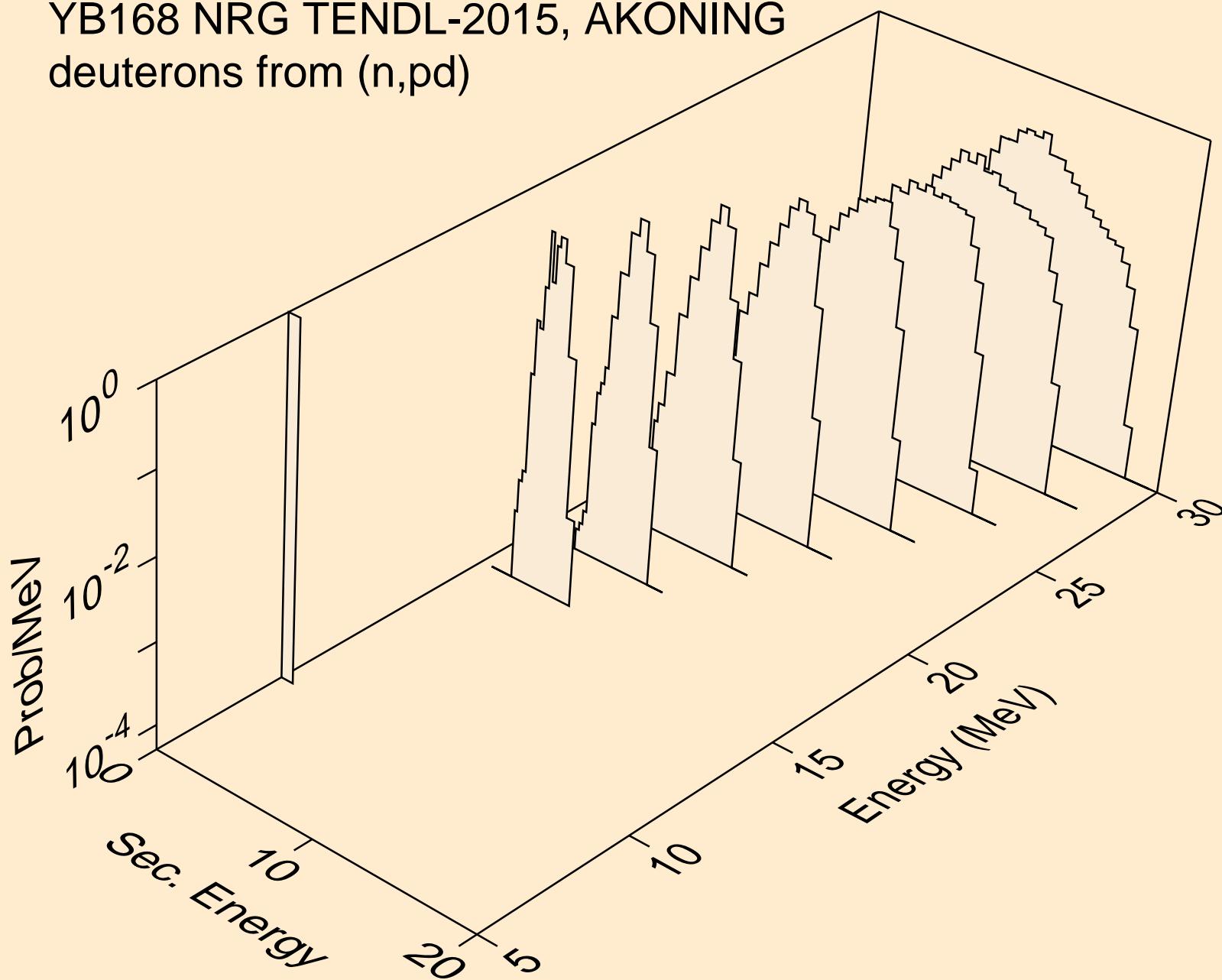
YB168 NRG TENDL-2015, AKONING  
deuterons from ( $n, n^*$ )d



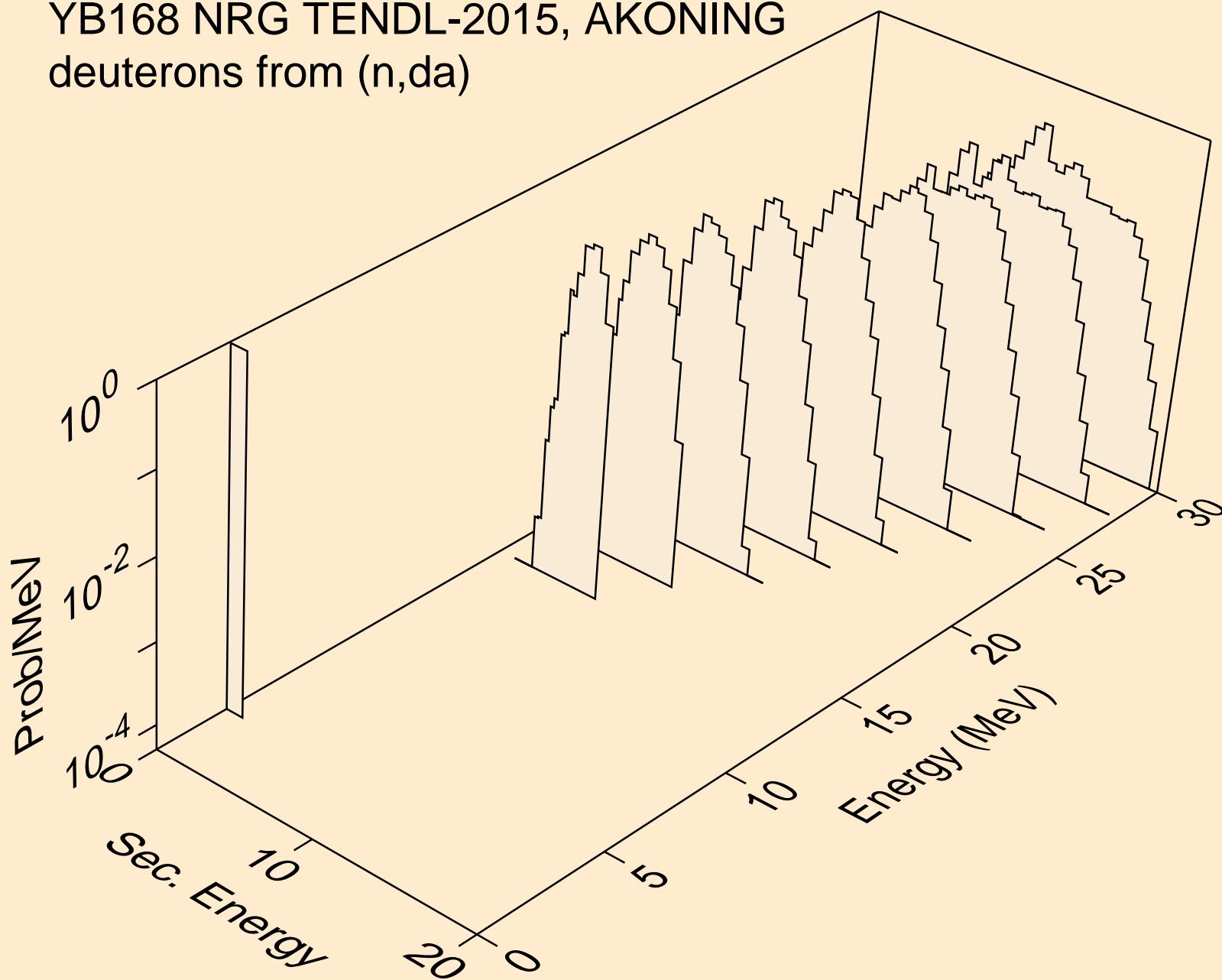
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deuterons from ( $n, d$ )



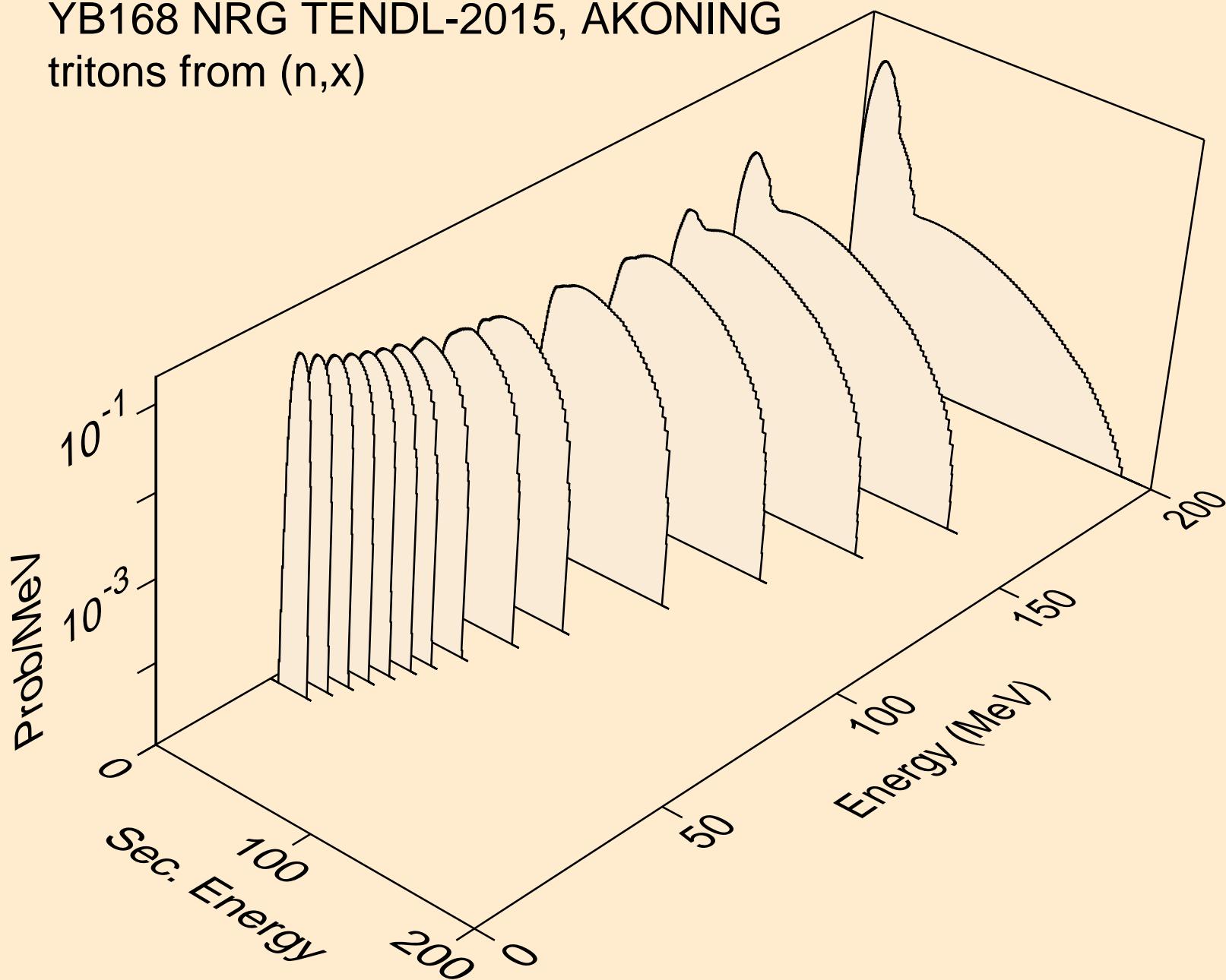
YB168 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



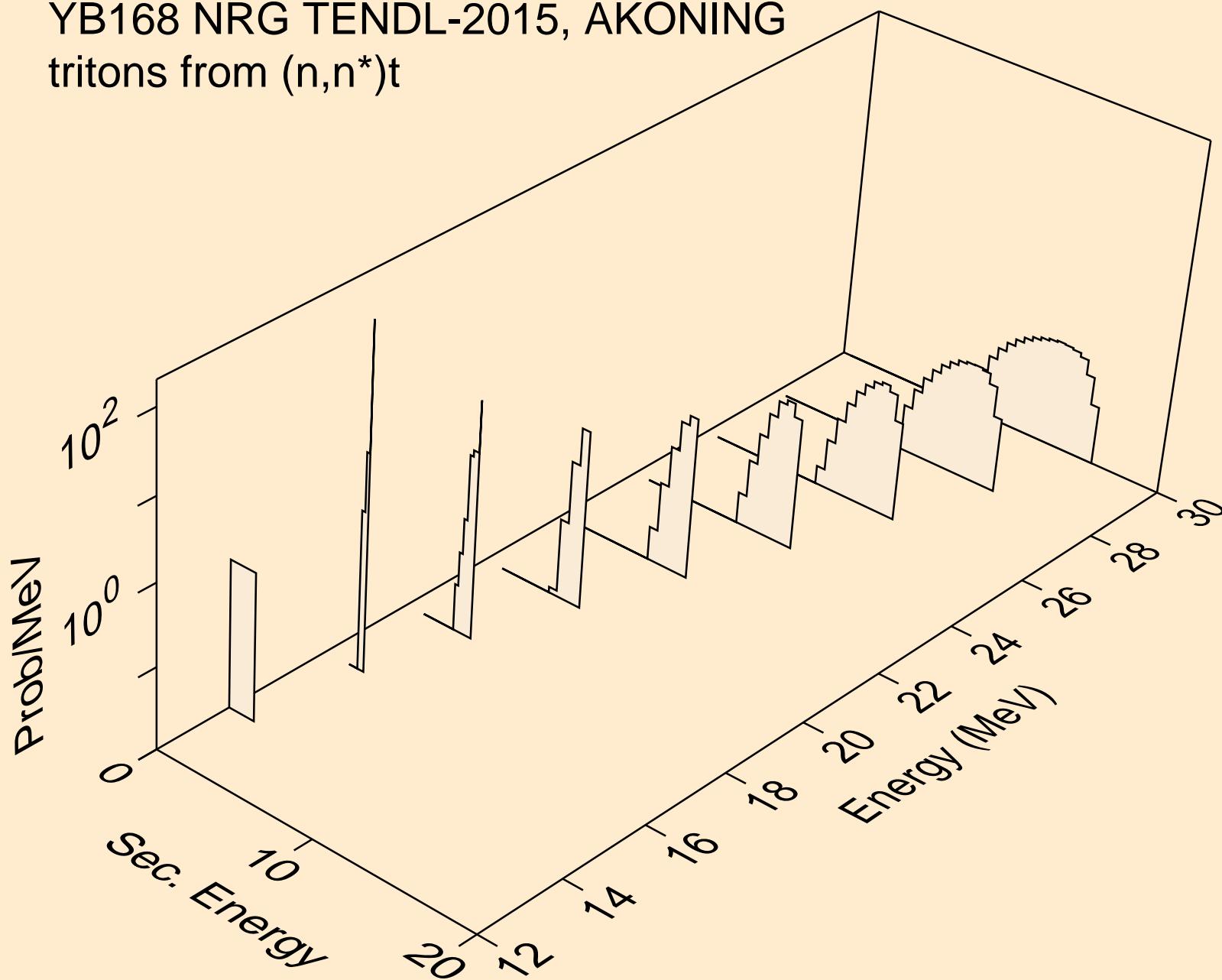
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deuterons from (n,da)



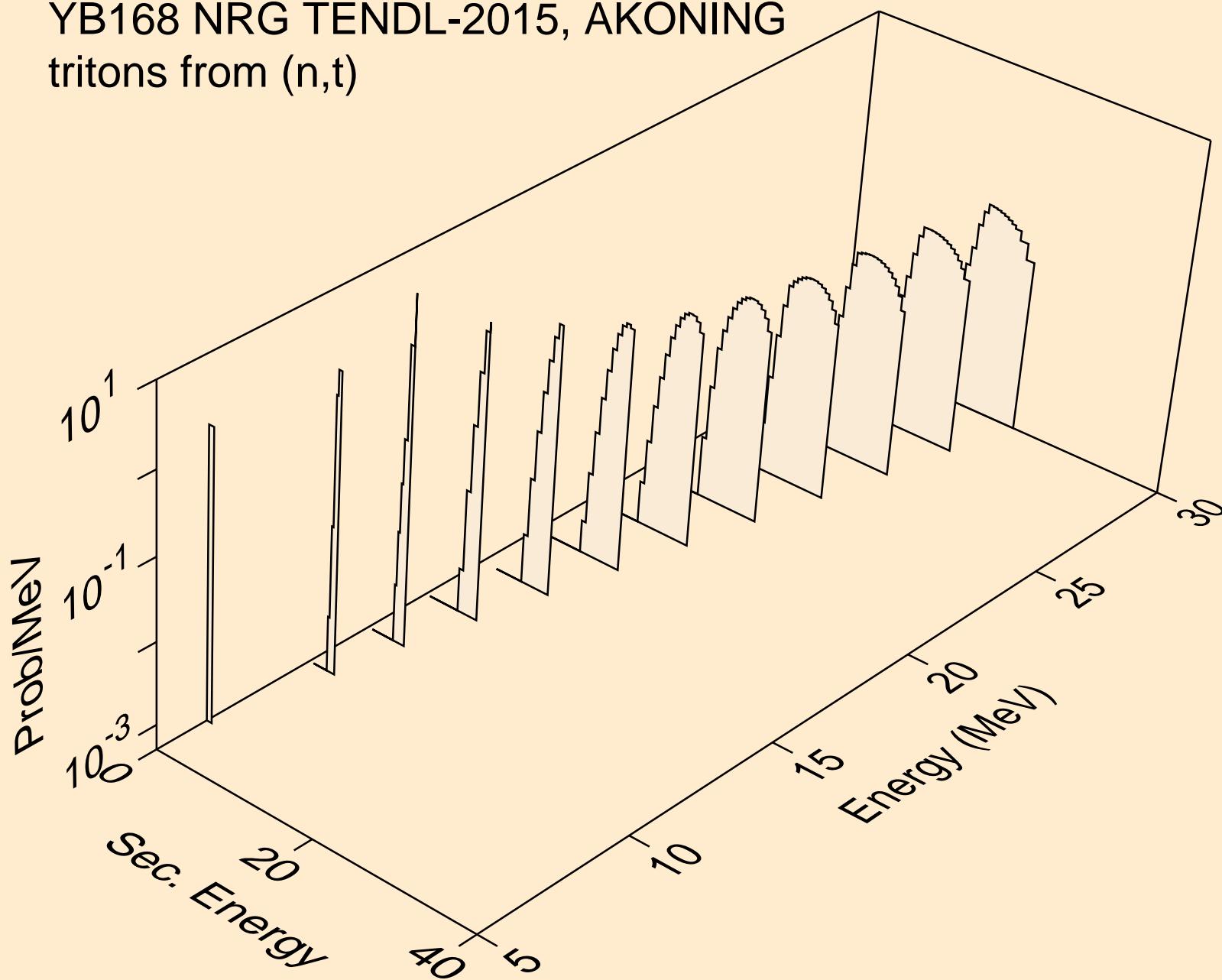
YB168 NRG TENDL-2015, AKONING  
tritons from ( $n,x$ )



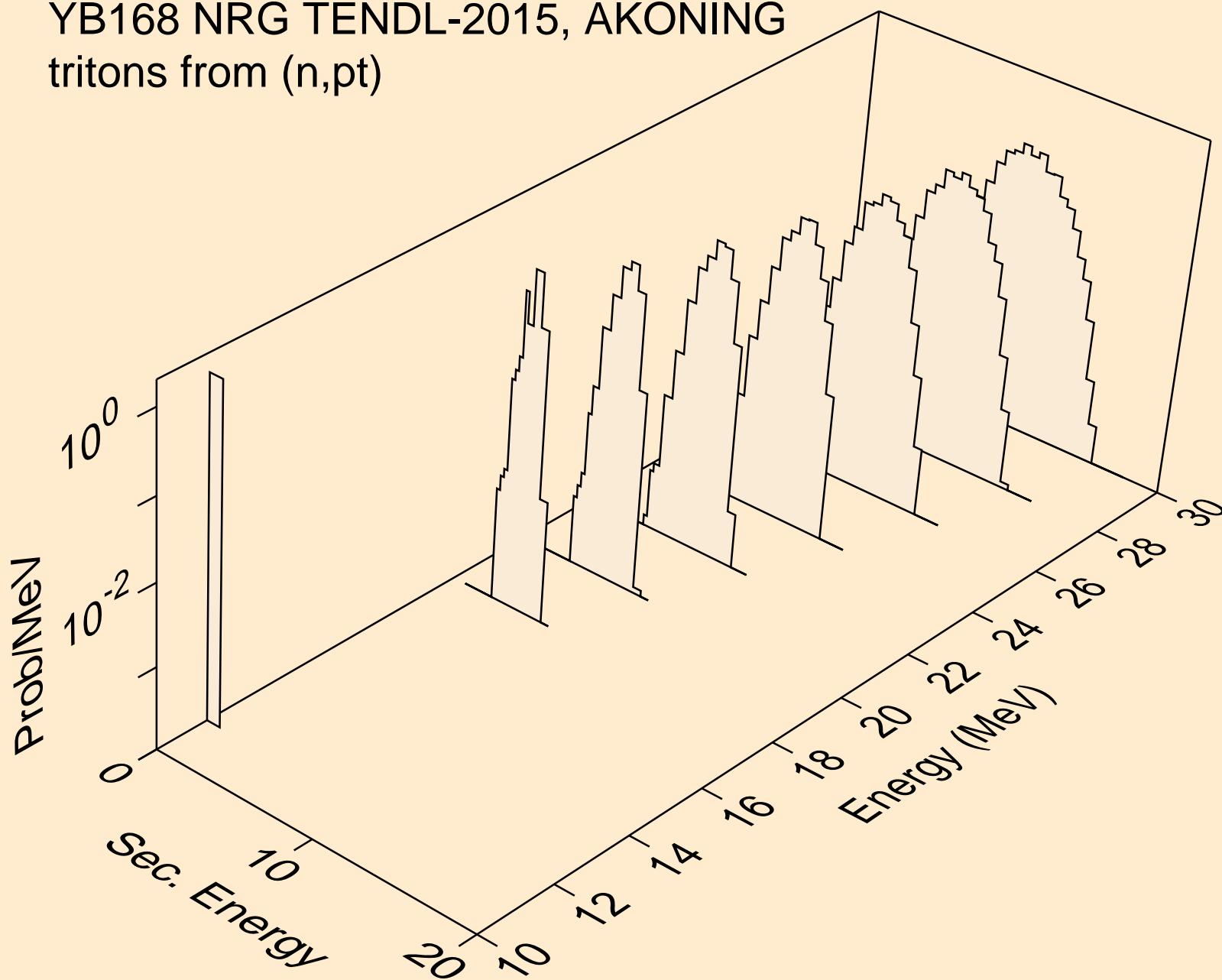
YB168 NRG TENDL-2015, AKONING  
tritons from  $(n,n^*)t$



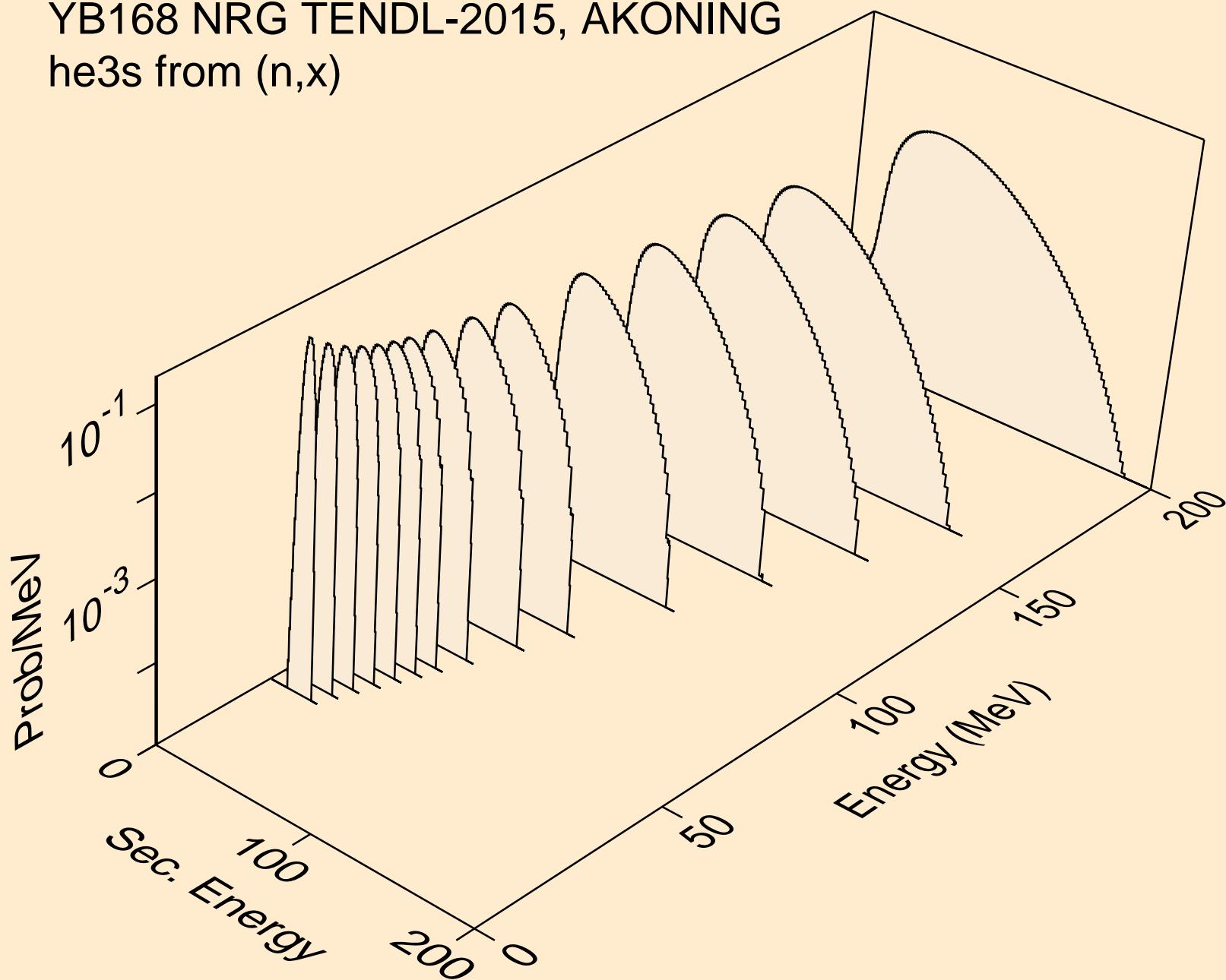
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tritons from (n,t)



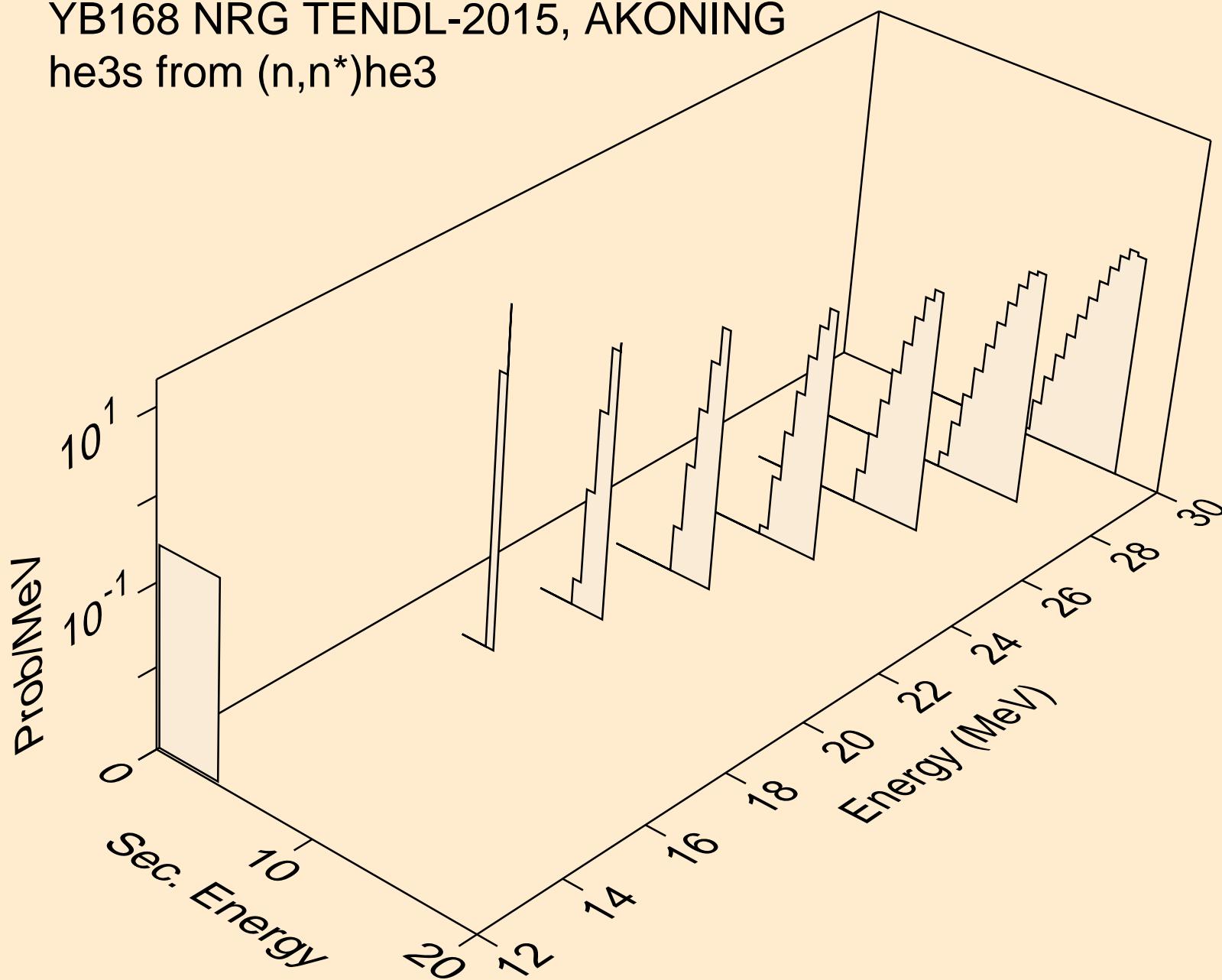
YB168 NRG TENDL-2015, AKONING  
tritons from (n,pt)



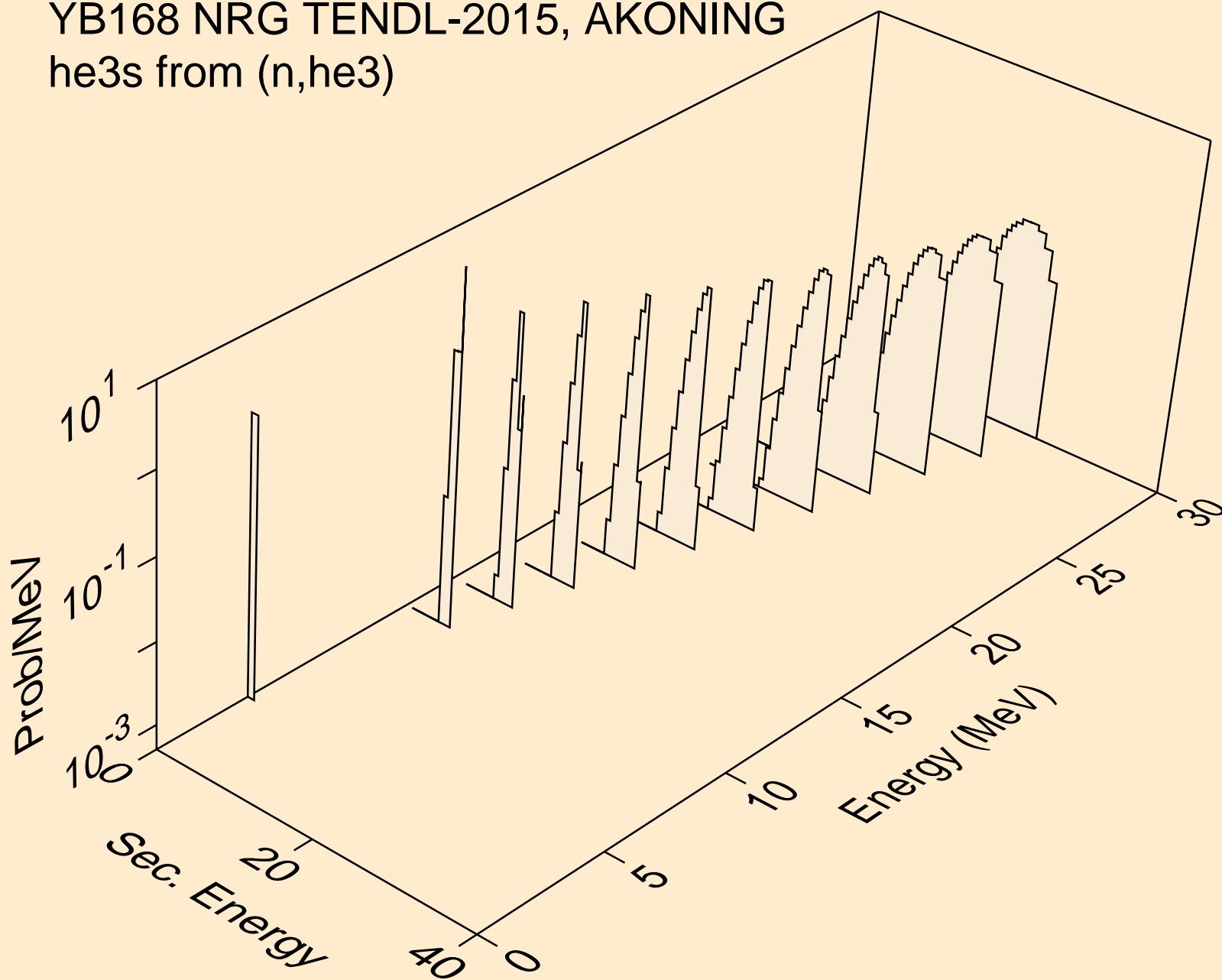
YB168 NRG TENDL-2015, AKONING  
he3s from (n,x)



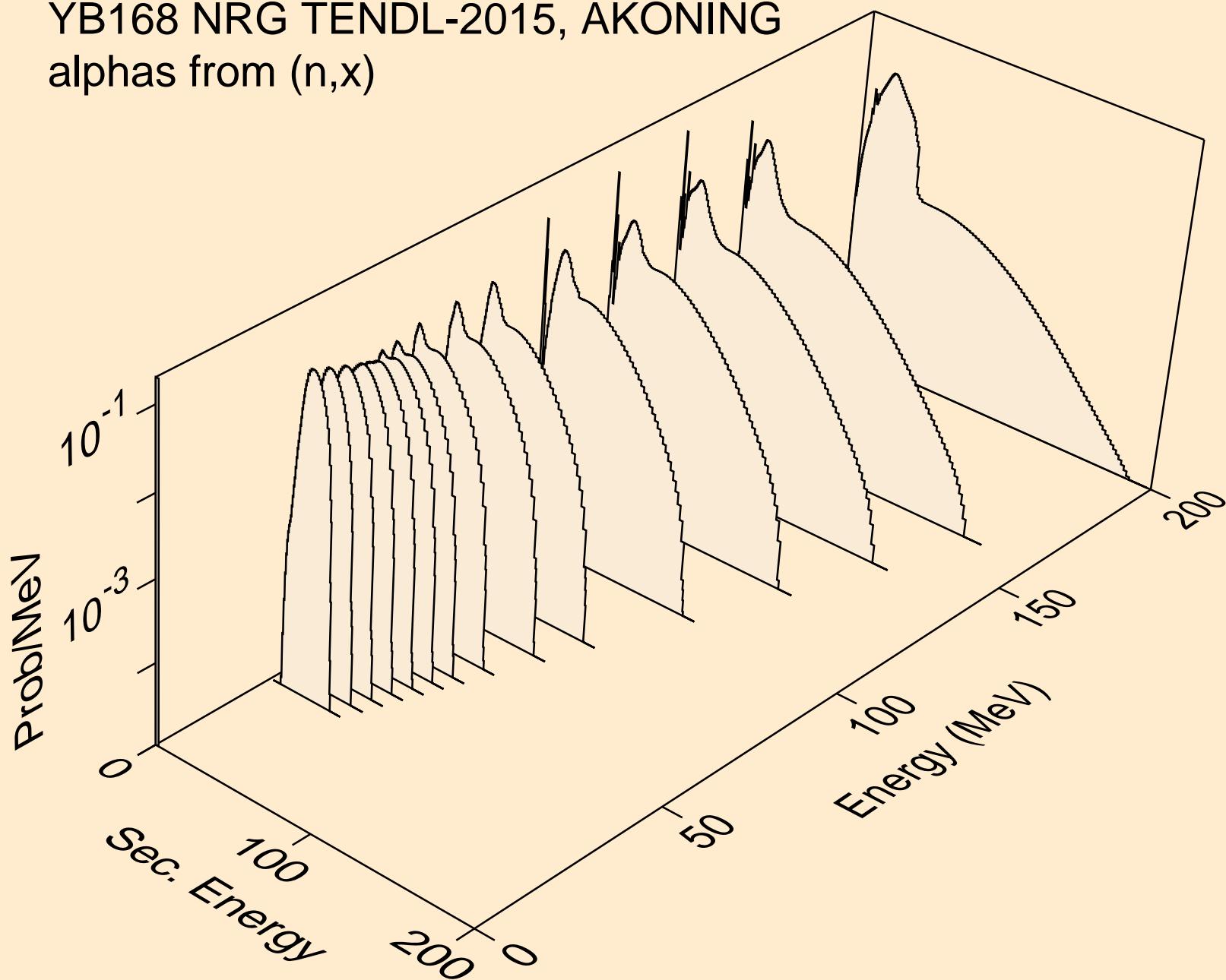
YB168 NRG TENDL-2015, AKONING  
he3s from  $(n,n^*)\text{he3}$



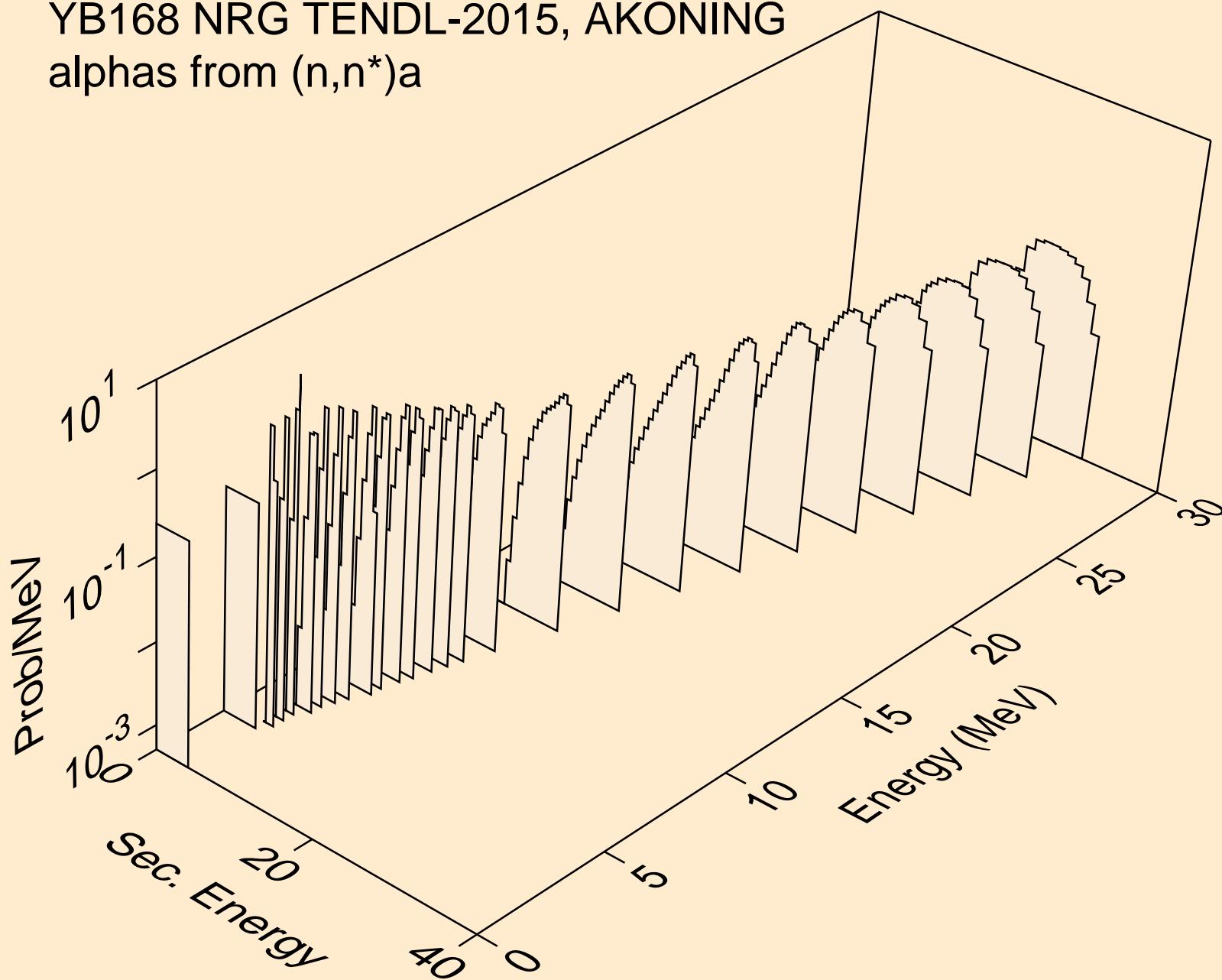
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he3s from (n,he3)



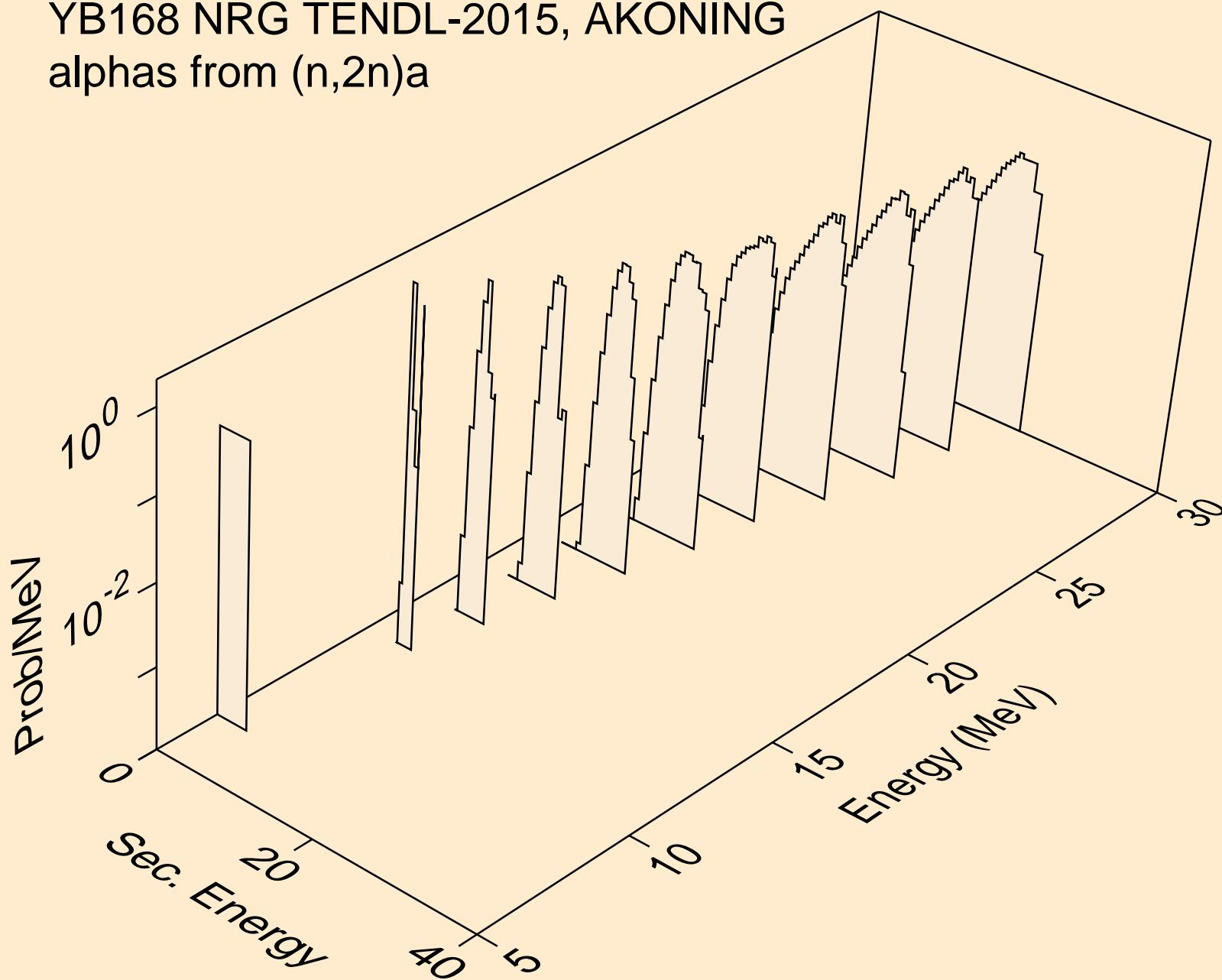
YB168 NRG TENDL-2015, AKONING  
alphas from (n,x)



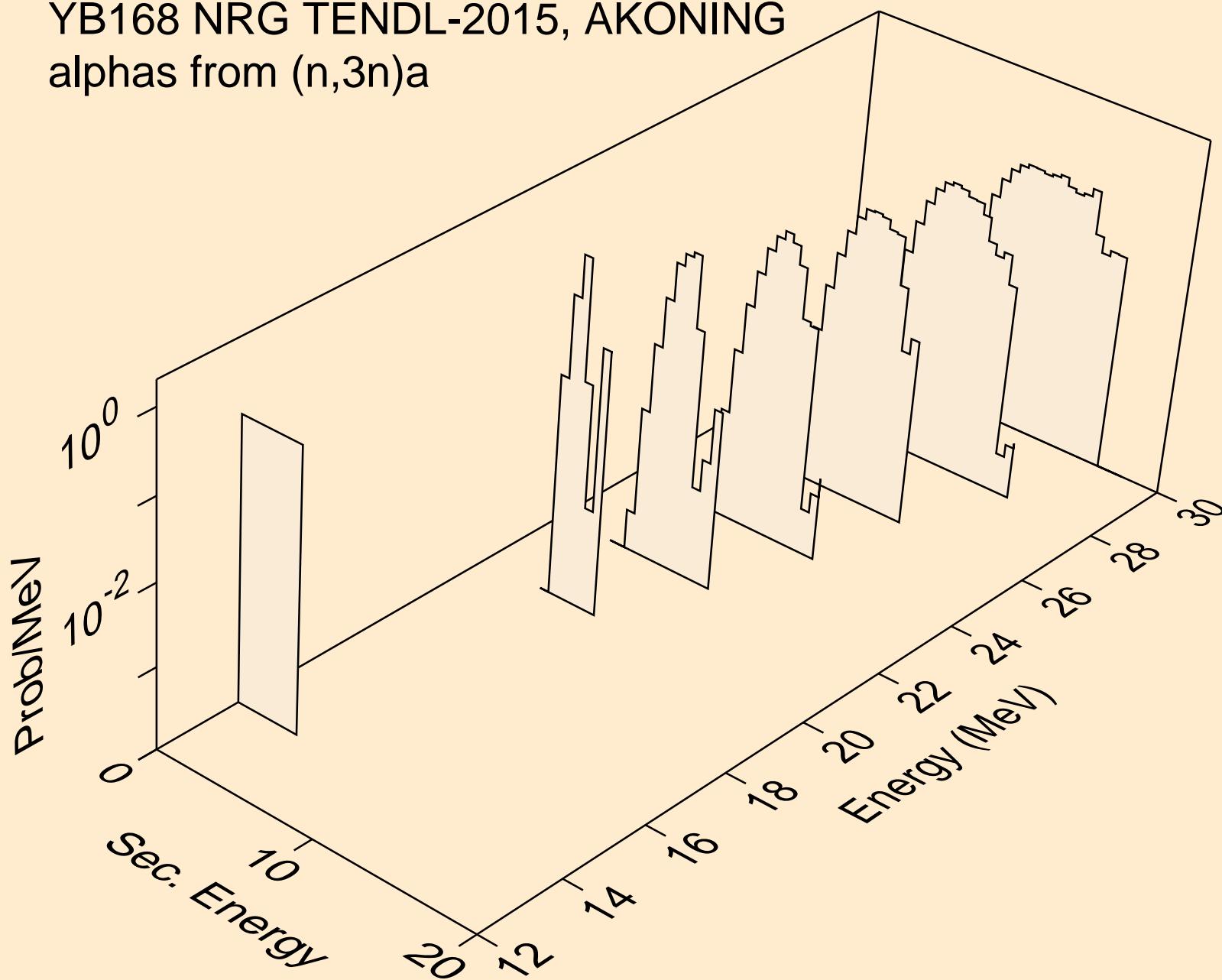
YB168 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)a$



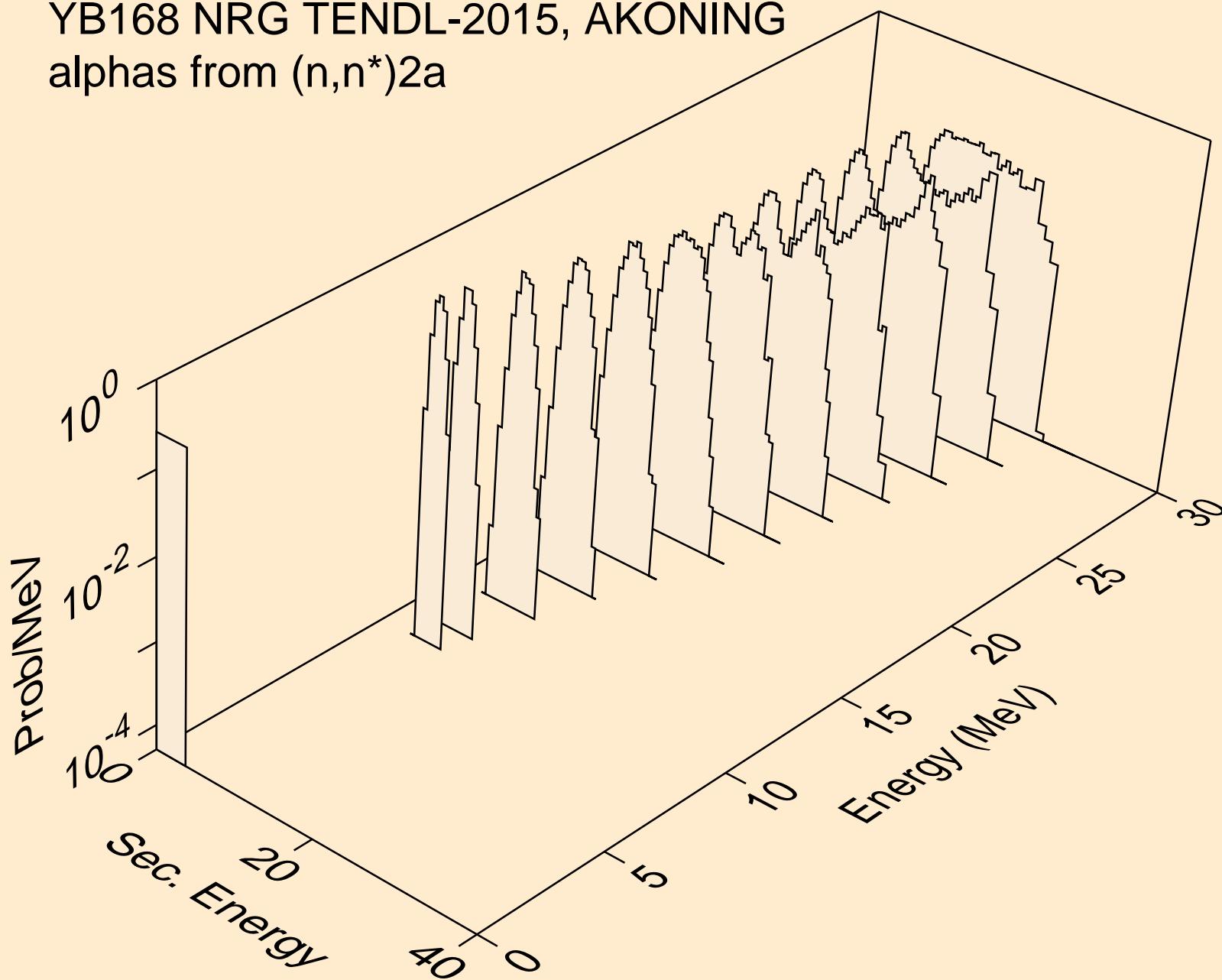
YB168 NRG TENDL-2015, AKONING  
alphas from ( $n,2n$ )a



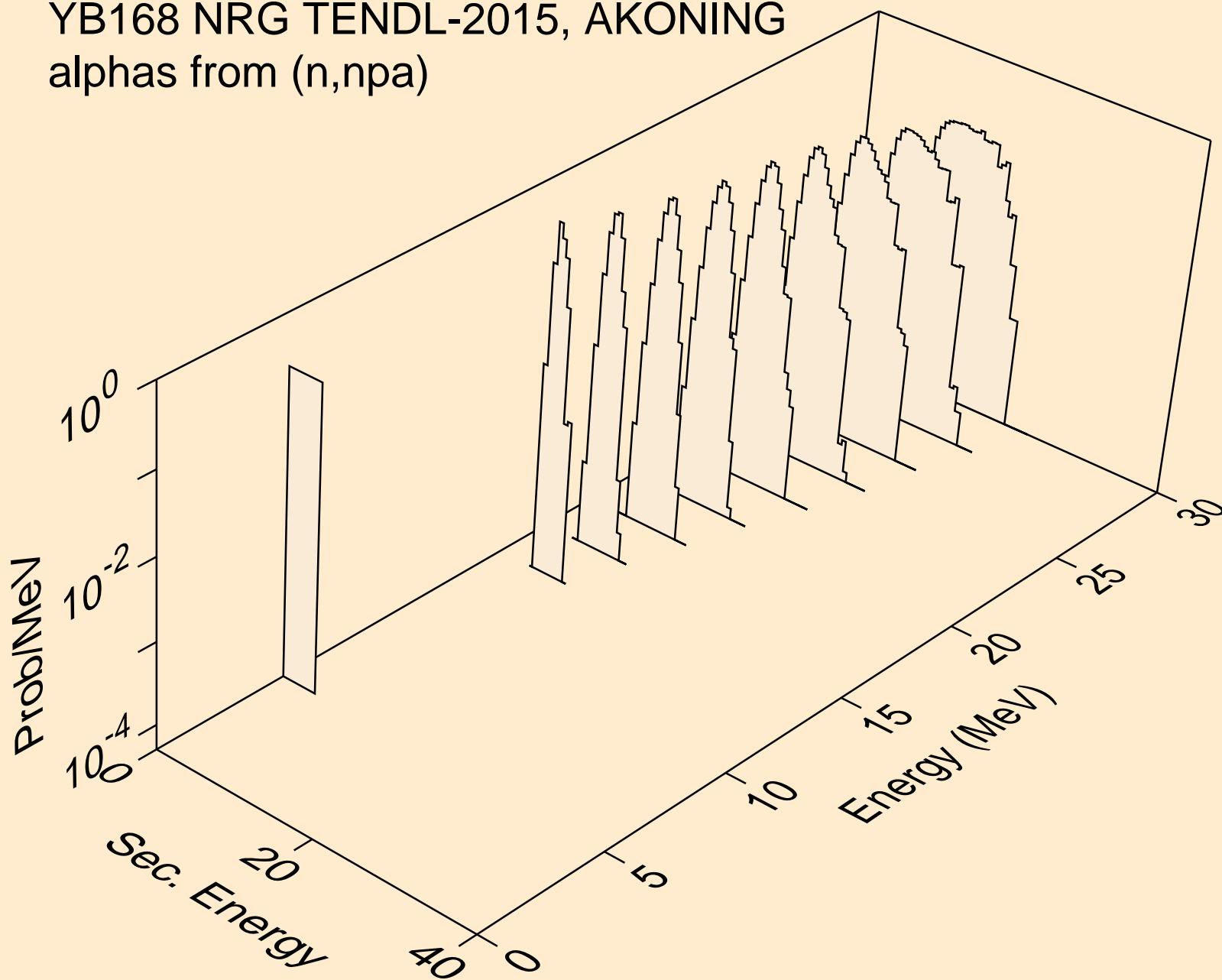
YB168 NRG TENDL-2015, AKONING  
alphas from ( $n,3n$ )a



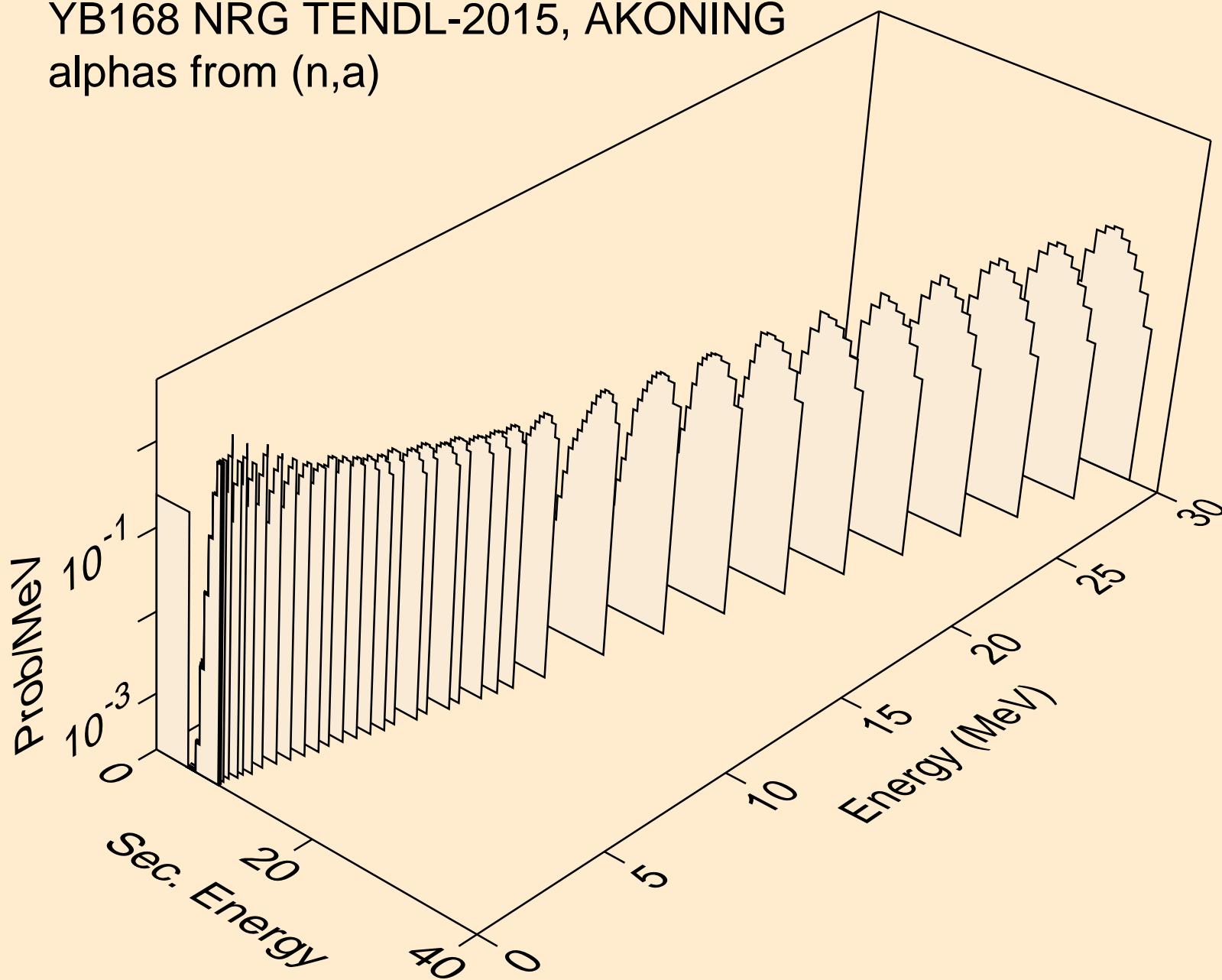
YB168 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)2a$



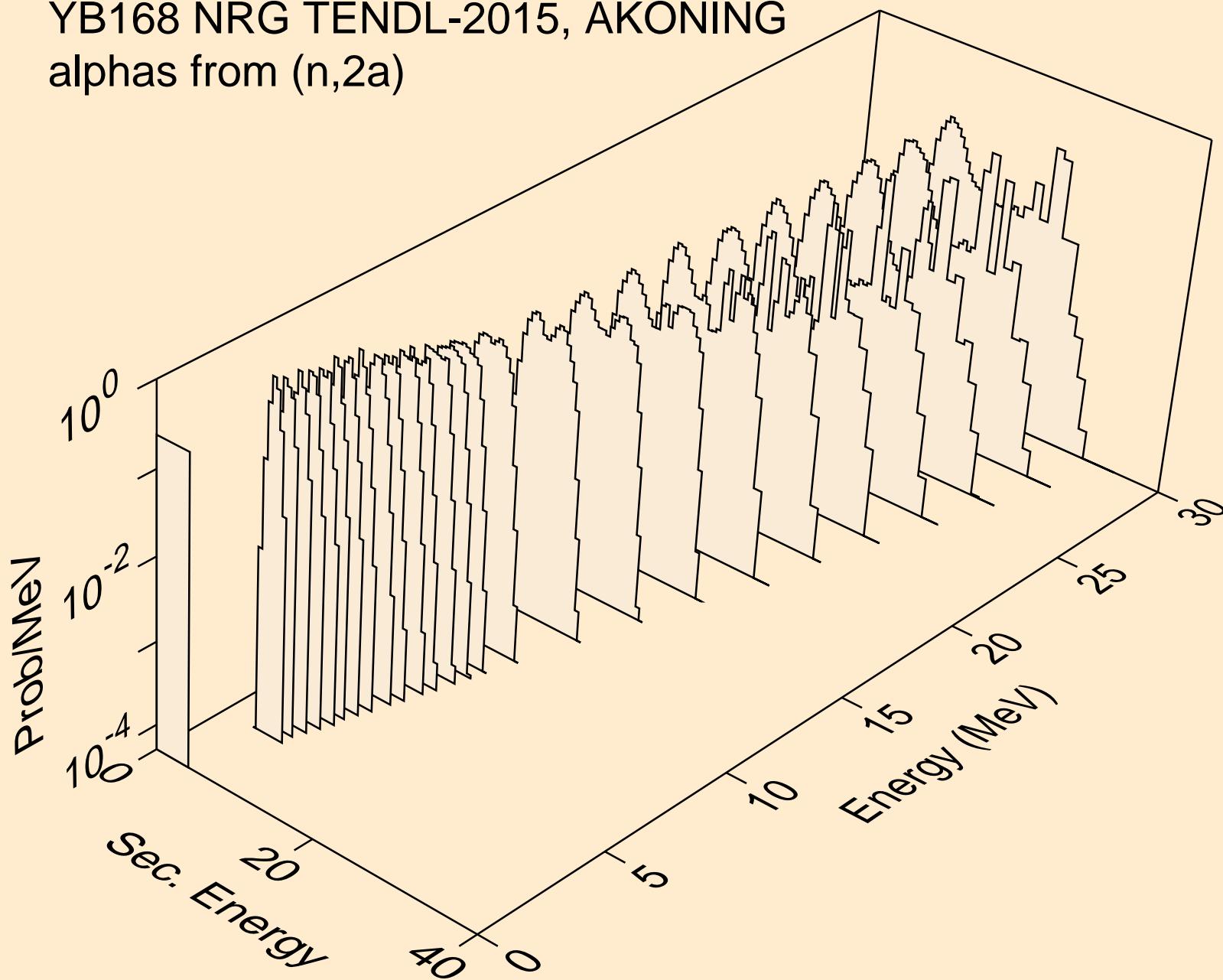
YB168 NRG TENDL-2015, AKONING  
alphas from (n,npa)



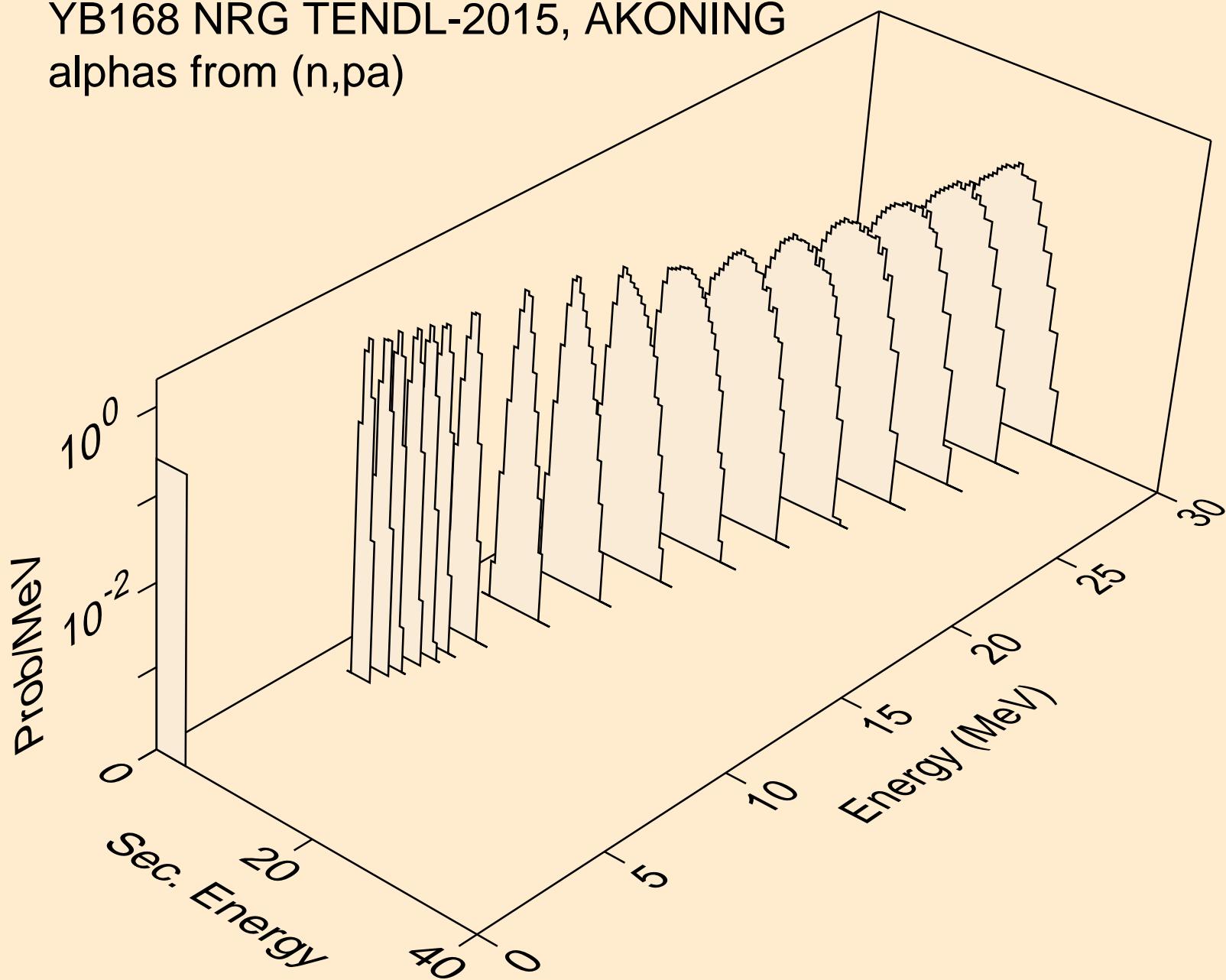
YB168 NRG TENDL-2015, AKONING  
alphas from (n,a)



YB168 NRG TENDL-2015, AKONING  
alphas from (n,2a)



YB168 NRG TENDL-2015, AKONING  
alphas from (n,pa)



YB168 NRG TENDL-2015, AKONING  
alphas from (n,da)

