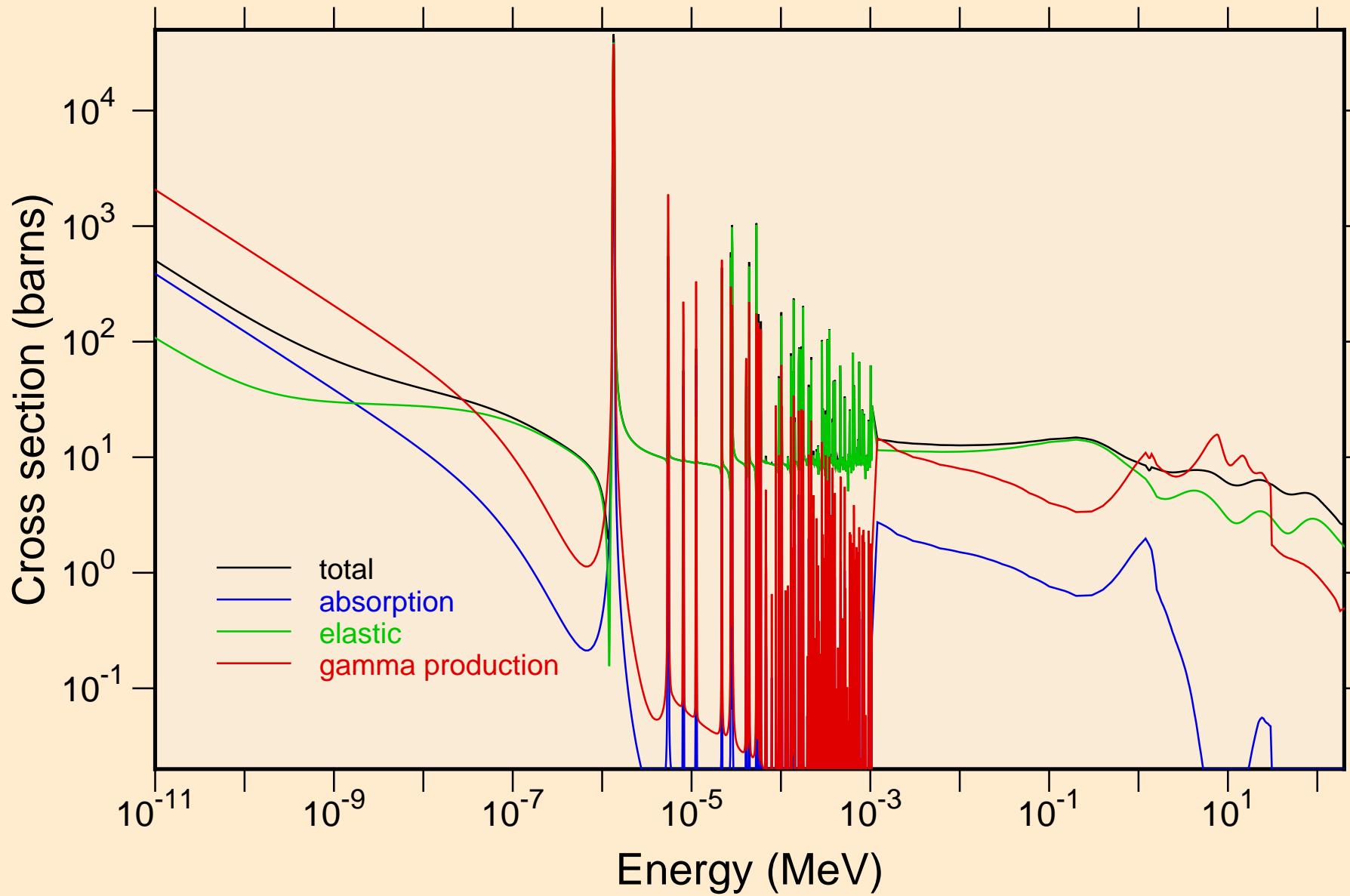
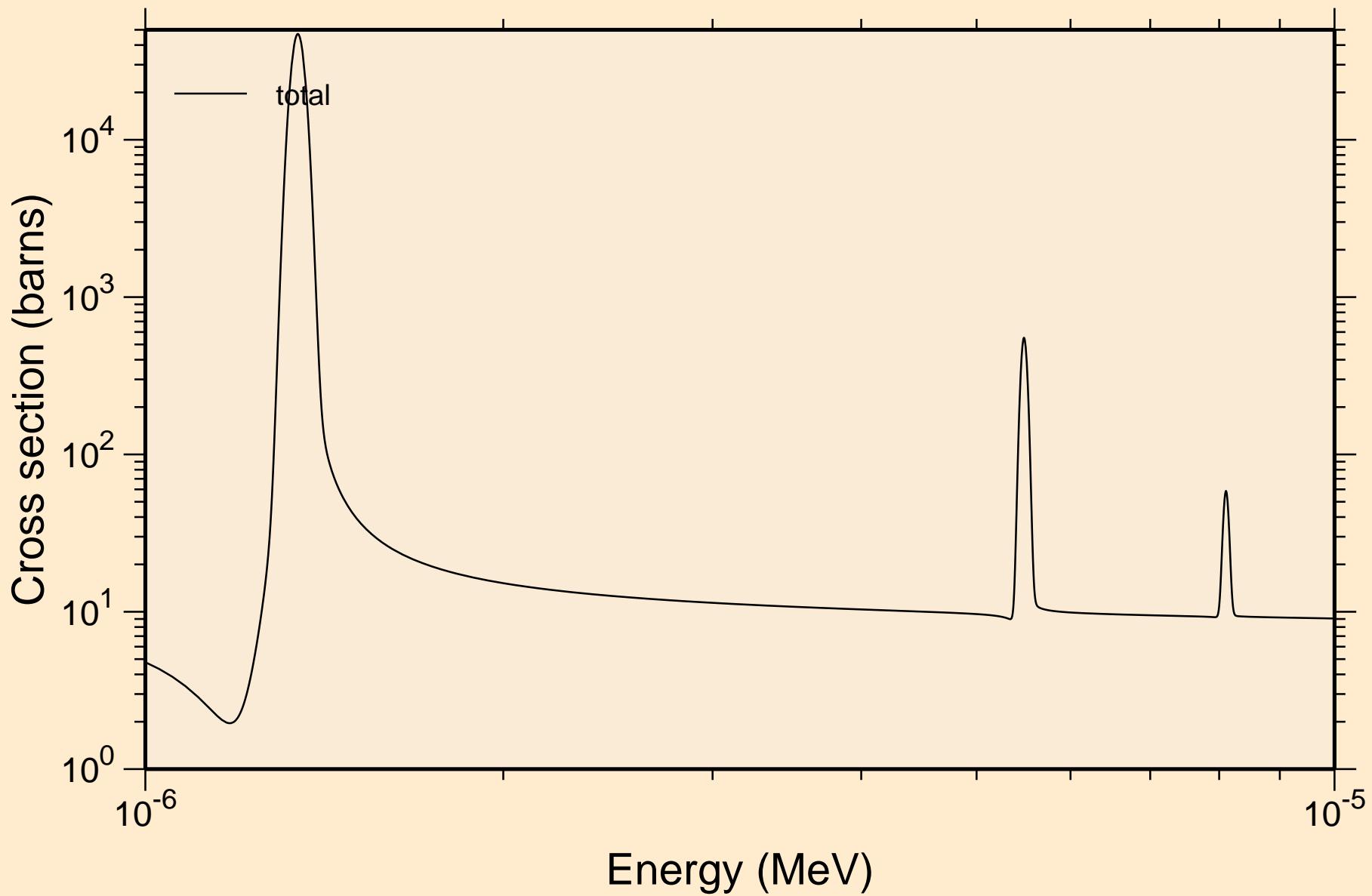


# FM250 NRG TENDL-2015, AKONING

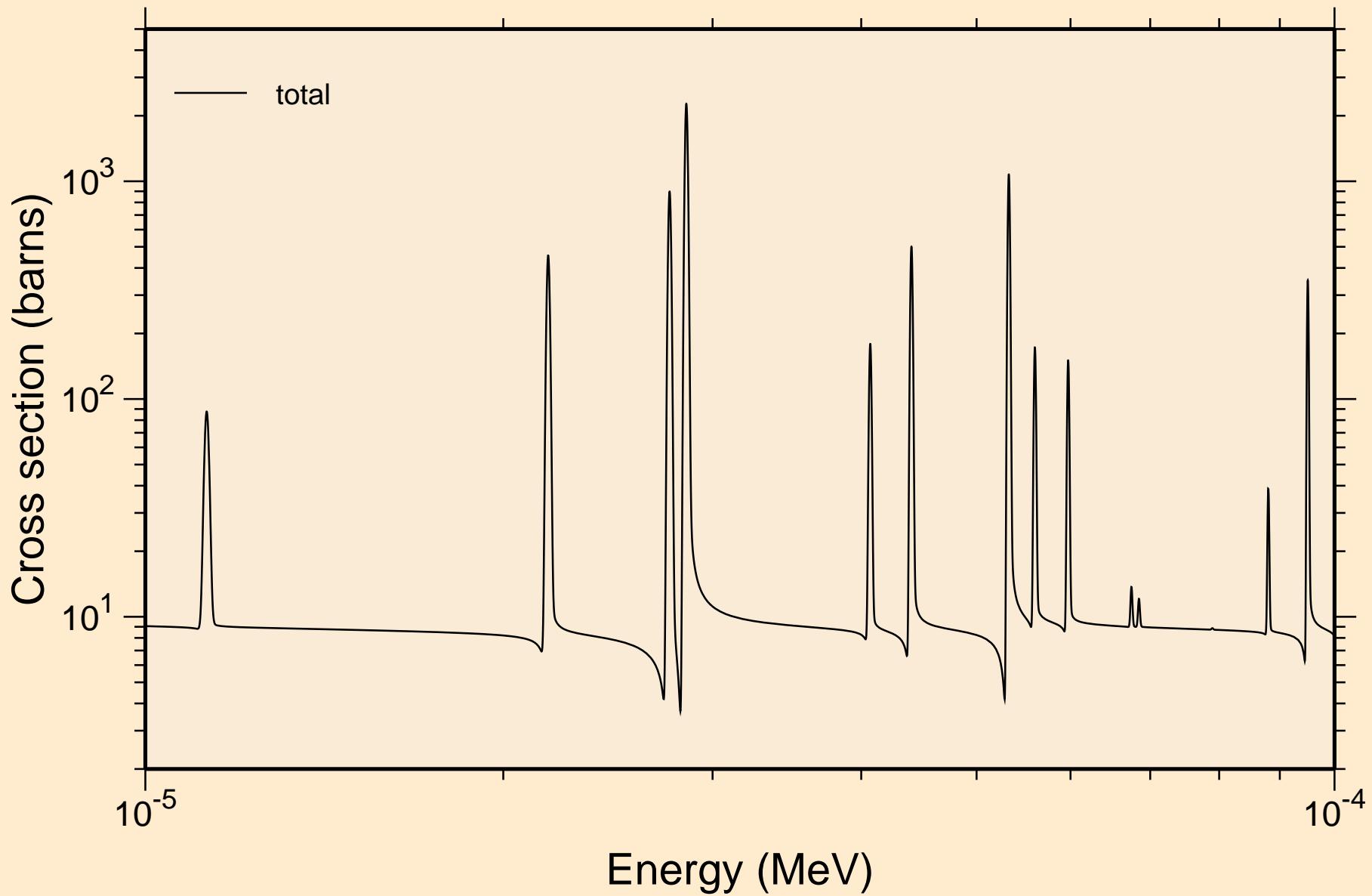
## Principal cross sections



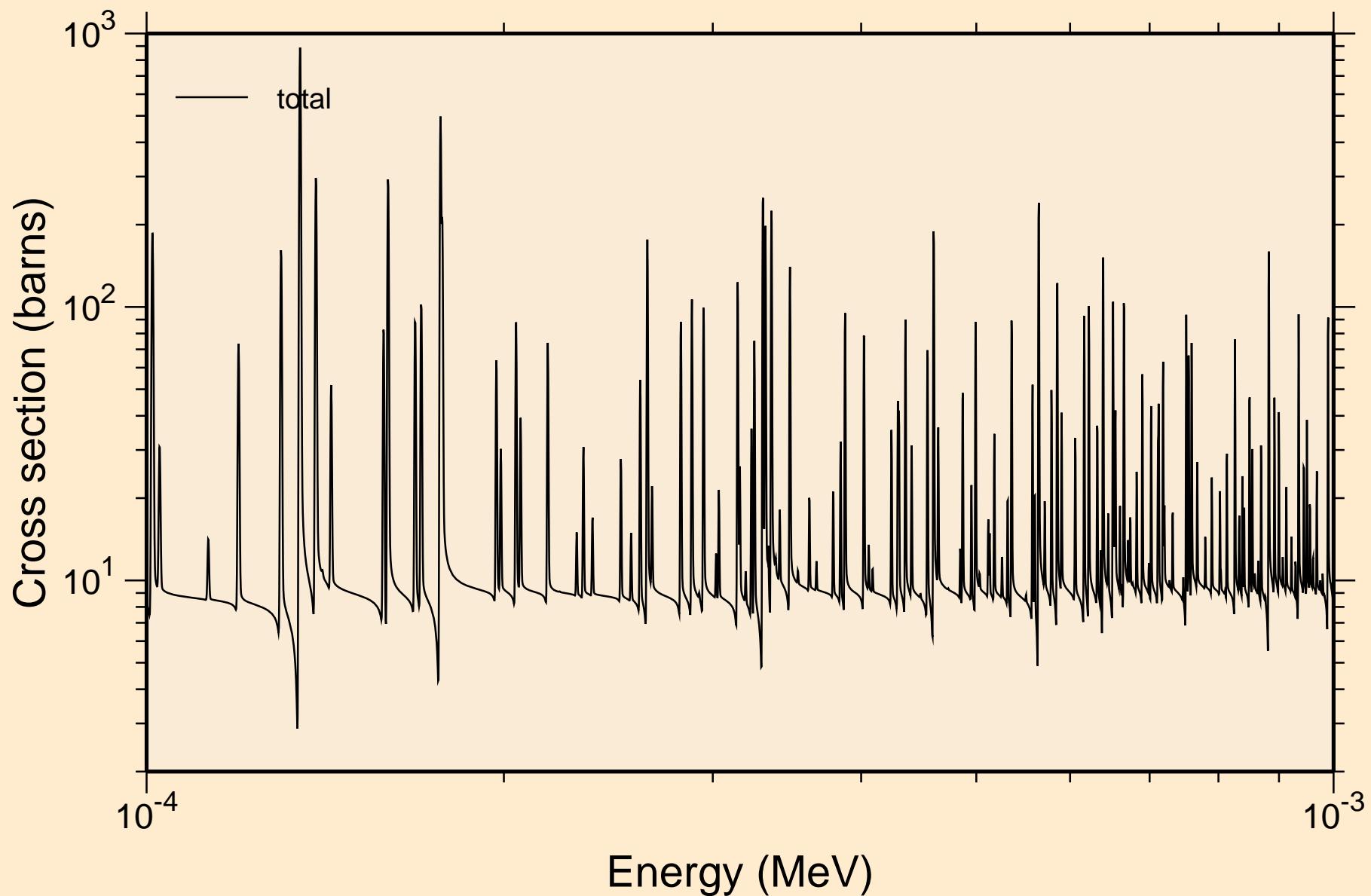
FM250 NRG TENDL-2015, AKONING  
resonance total cross section



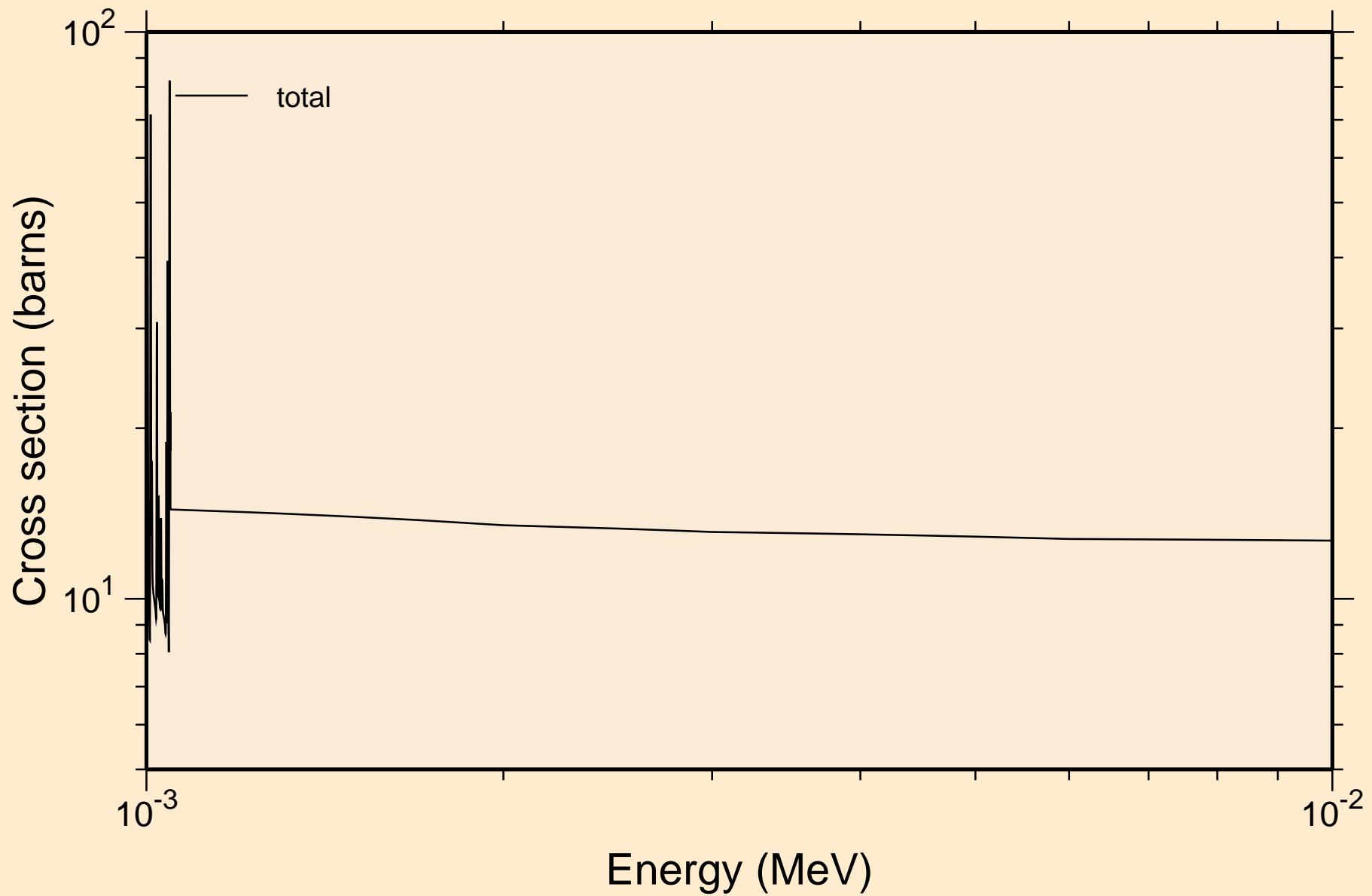
FM250 NRG TENDL-2015, AKONING  
resonance total cross section



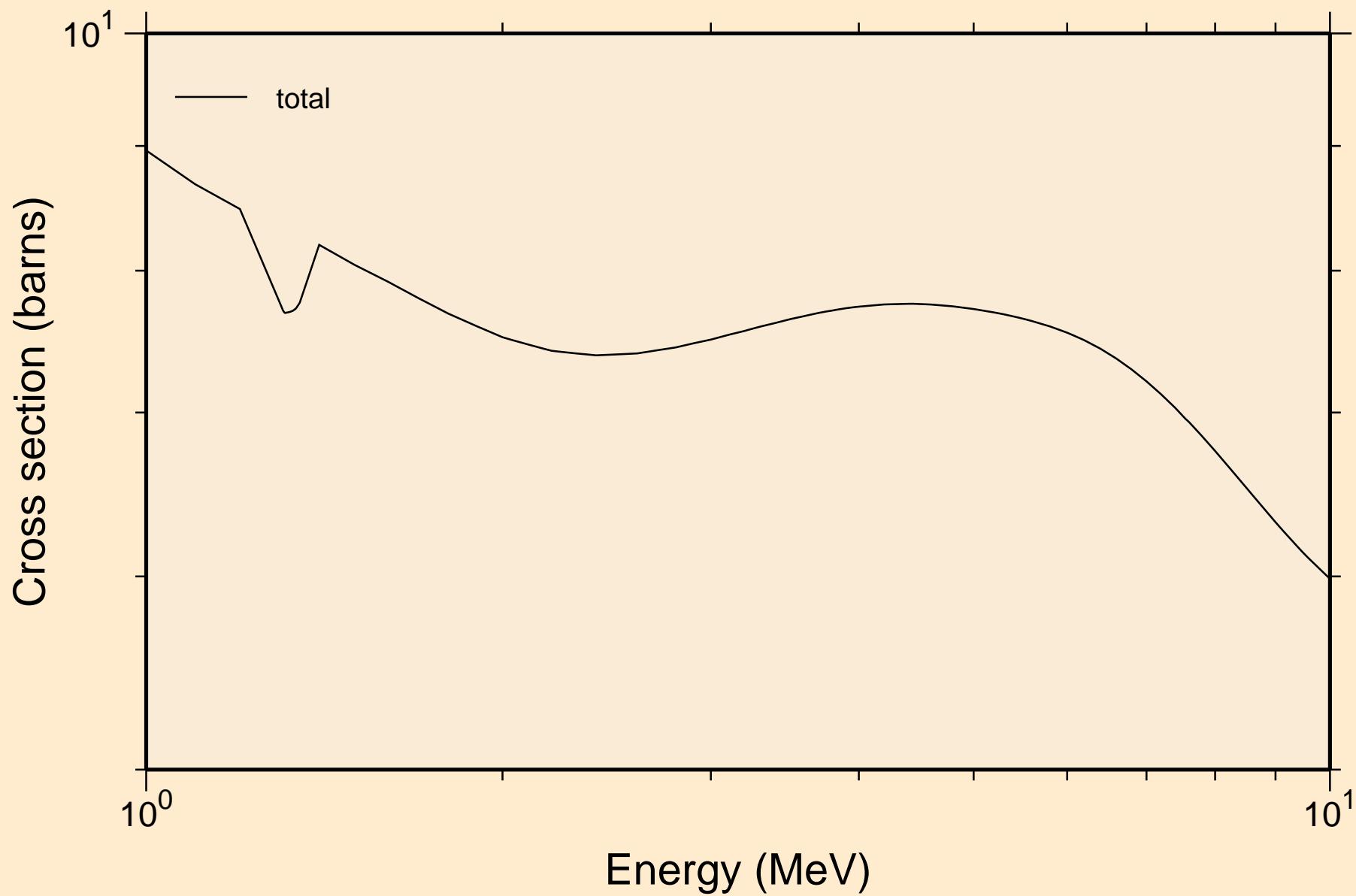
FM250 NRG TENDL-2015, AKONING  
resonance total cross section



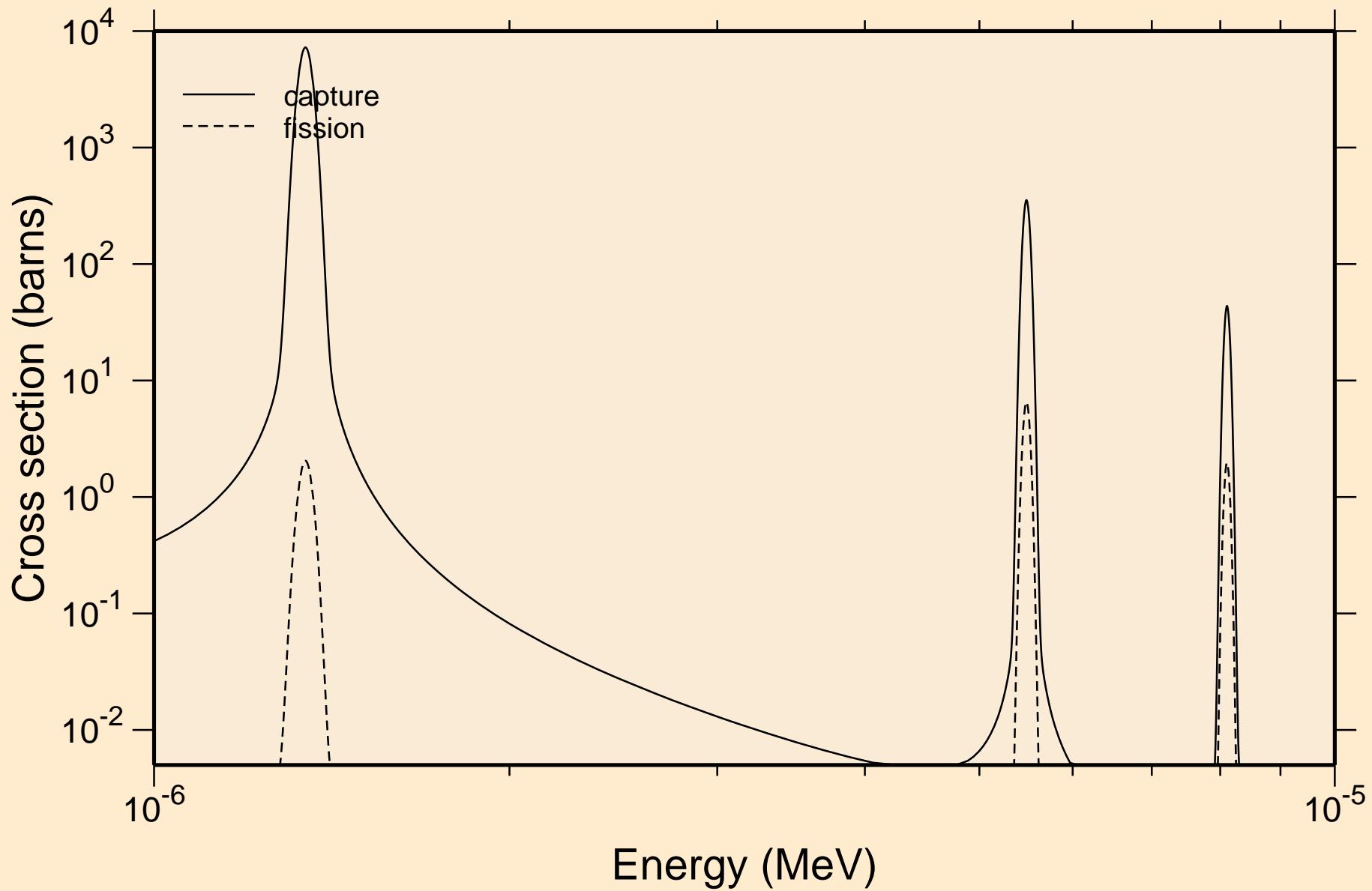
FM250 NRG TENDL-2015, AKONING  
resonance total cross section



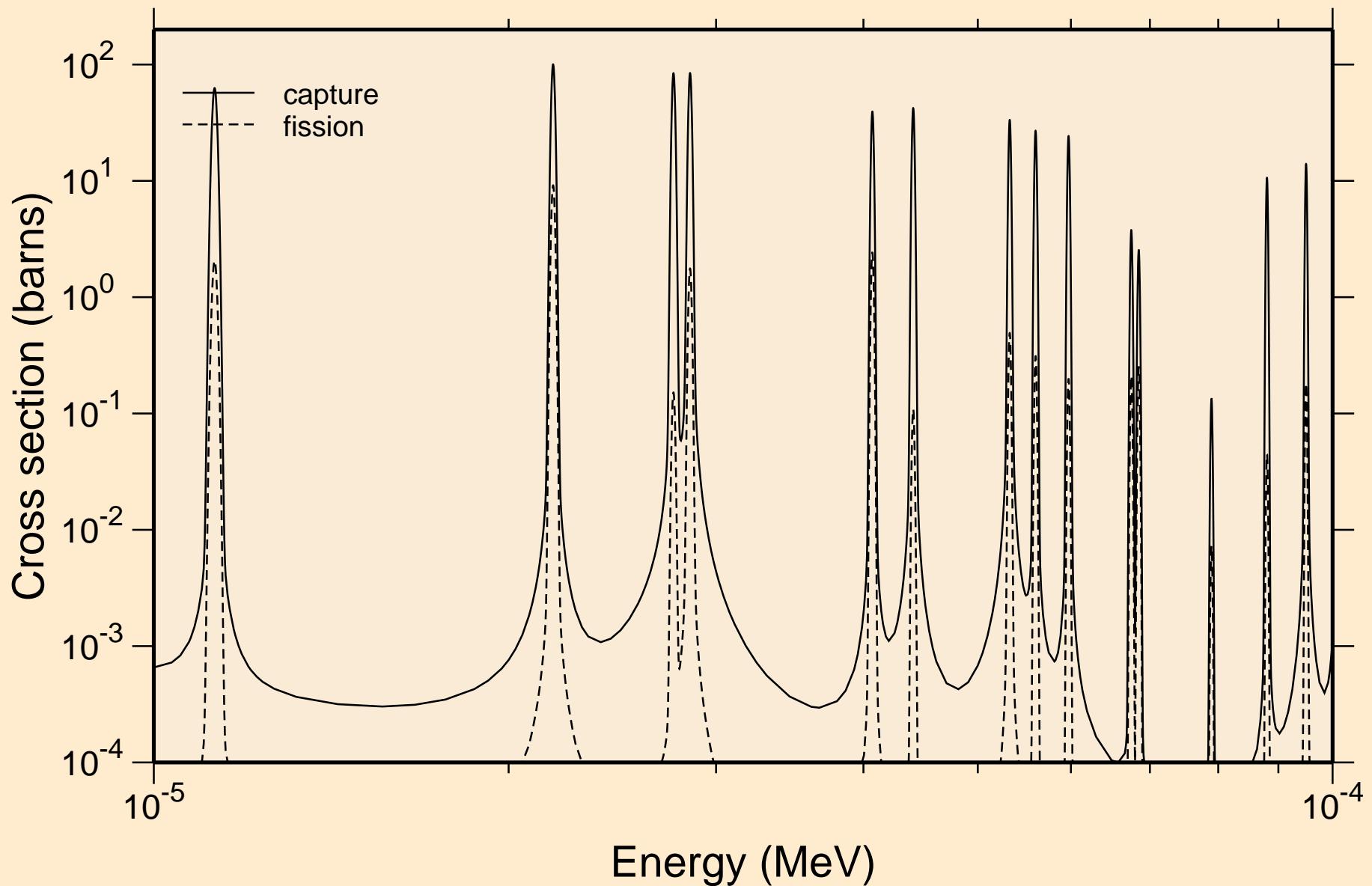
FM250 NRG TENDL-2015, AKONING  
resonance total cross section



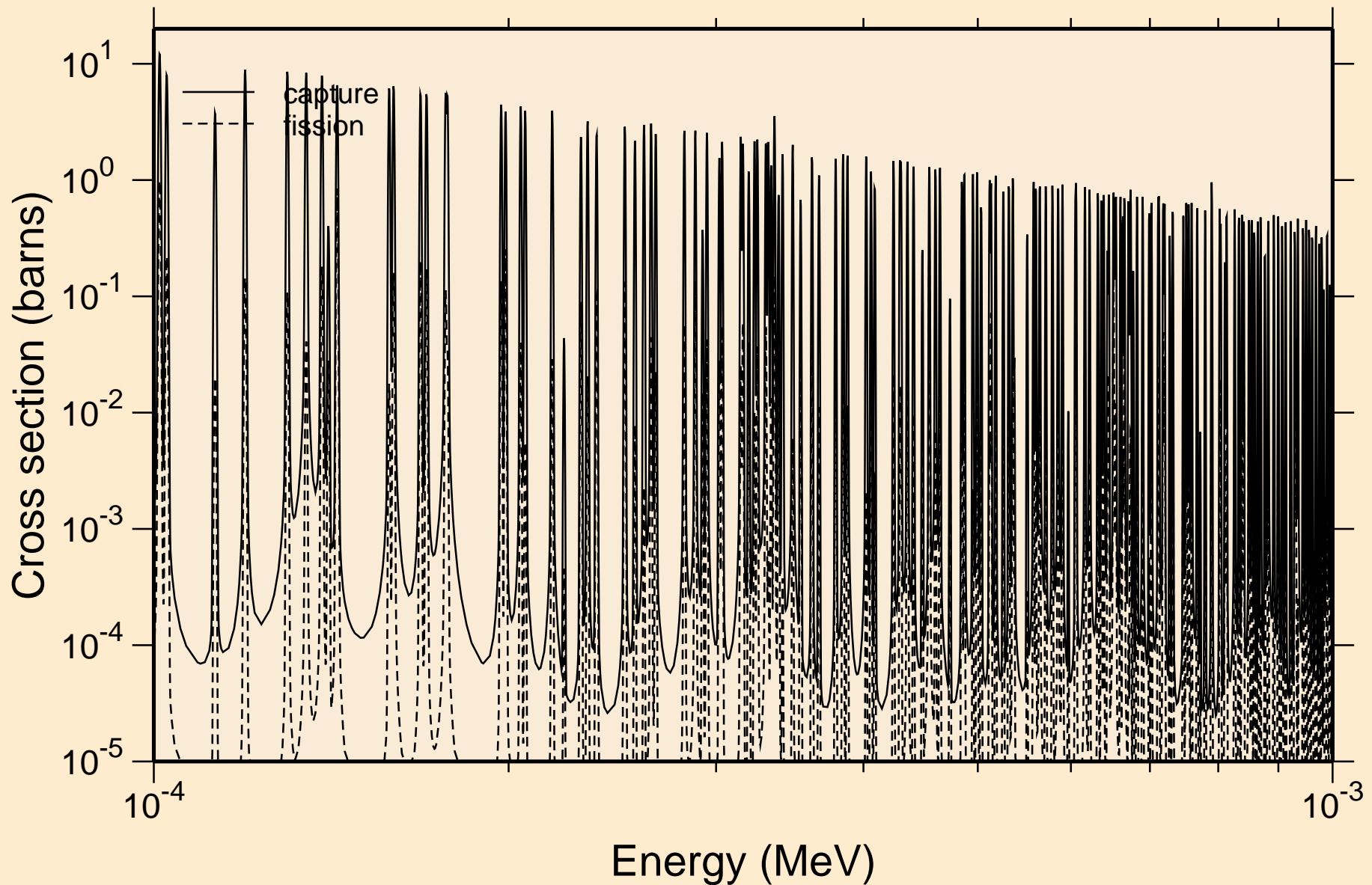
FM250 NRG TENDL-2015, AKONING  
resonance absorption cross sections



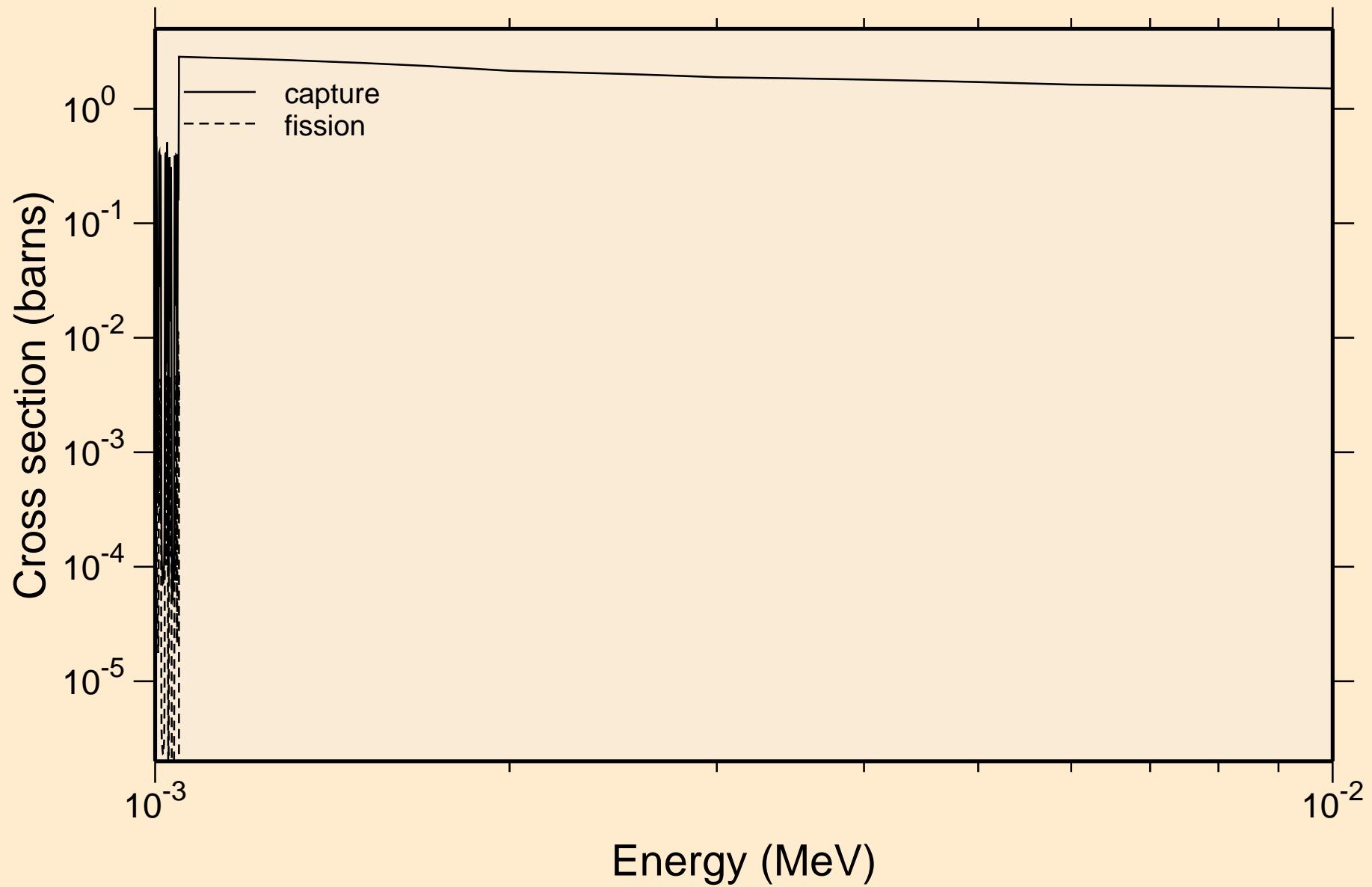
FM250 NRG TENDL-2015, AKONING  
resonance absorption cross sections



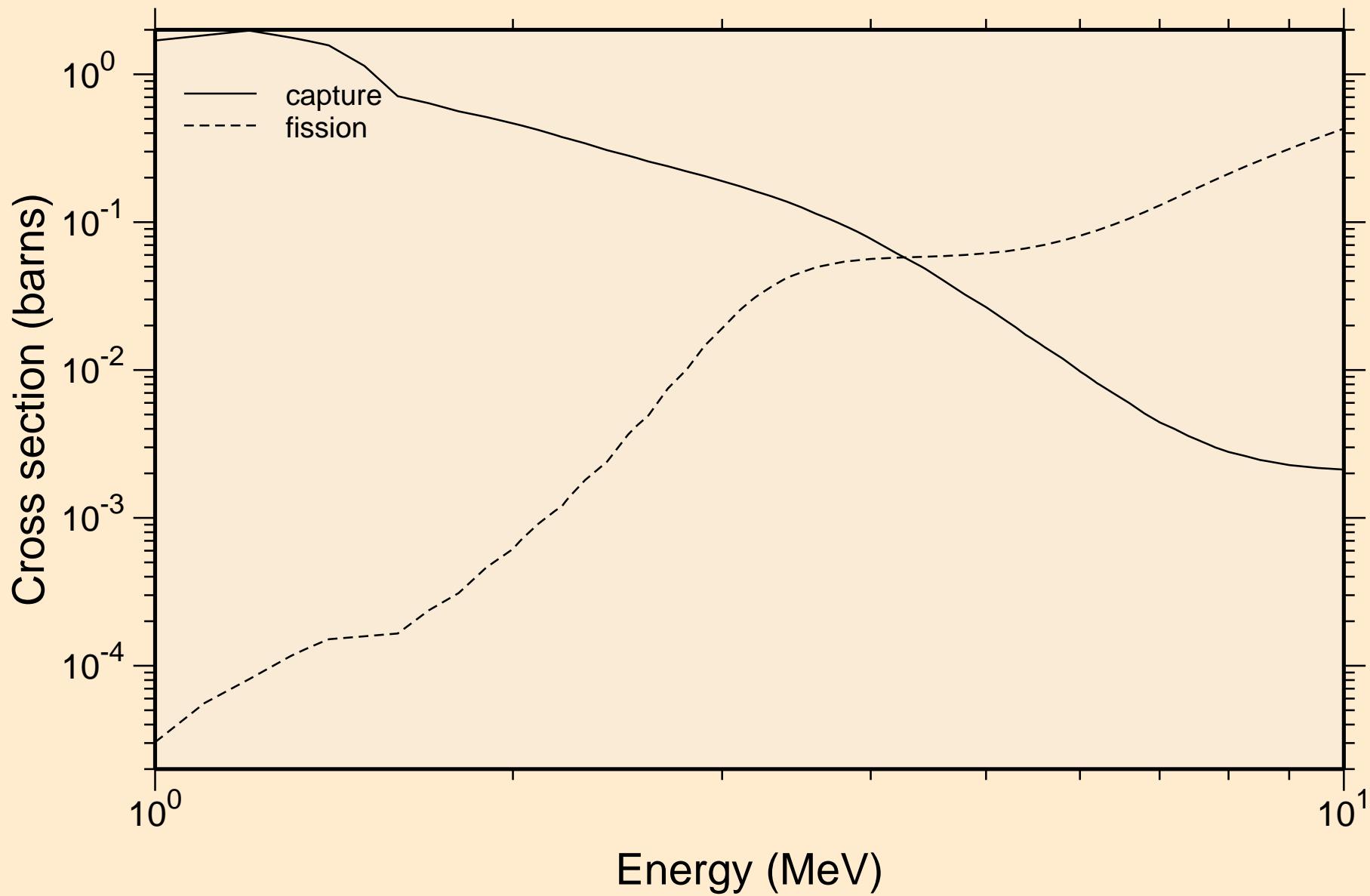
# FM250 NRG TENDL-2015, AKONING resonance absorption cross sections



FM250 NRG TENDL-2015, AKONING  
resonance absorption cross sections

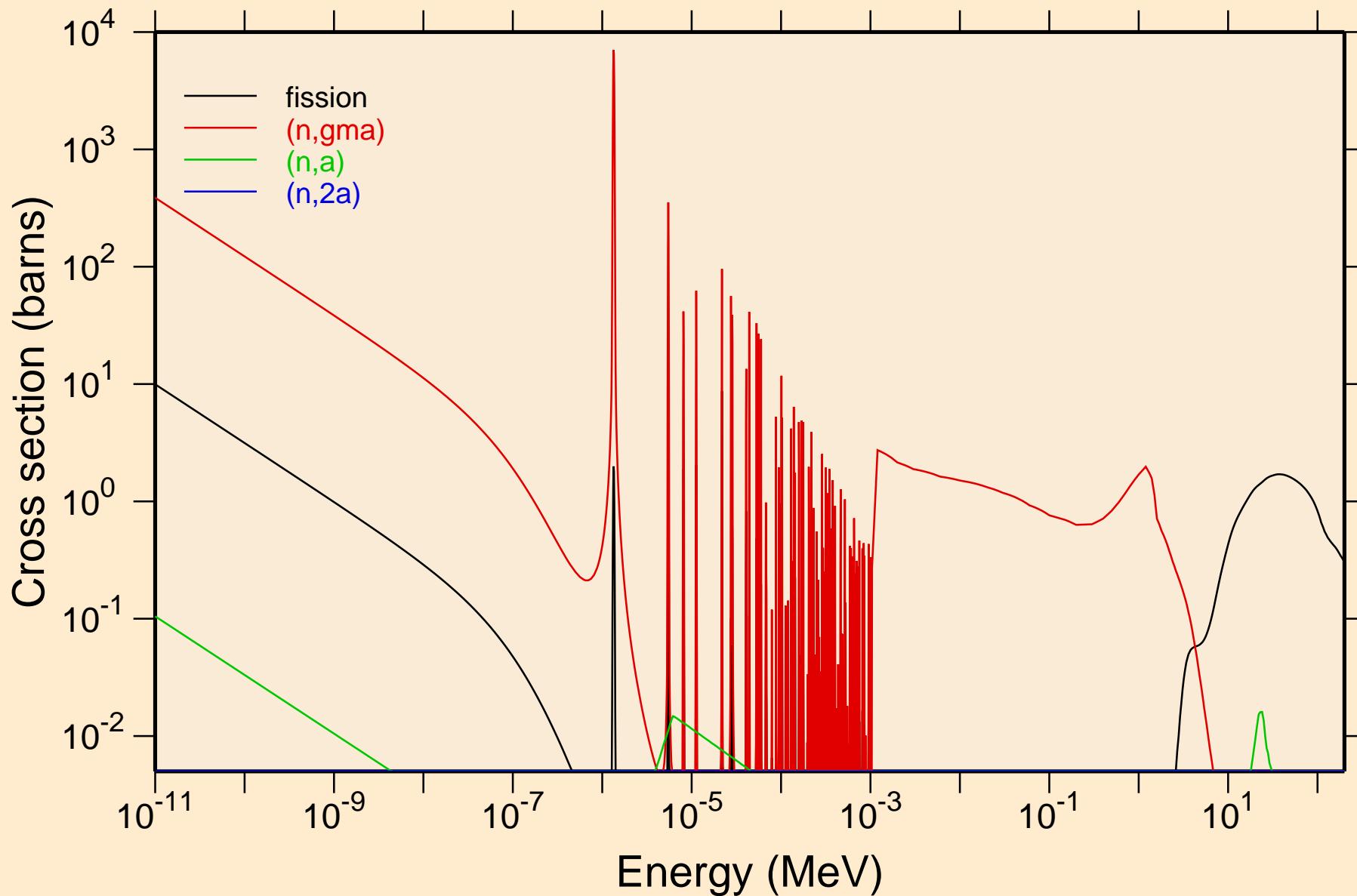


FM250 NRG TENDL-2015, AKONING  
resonance absorption cross sections



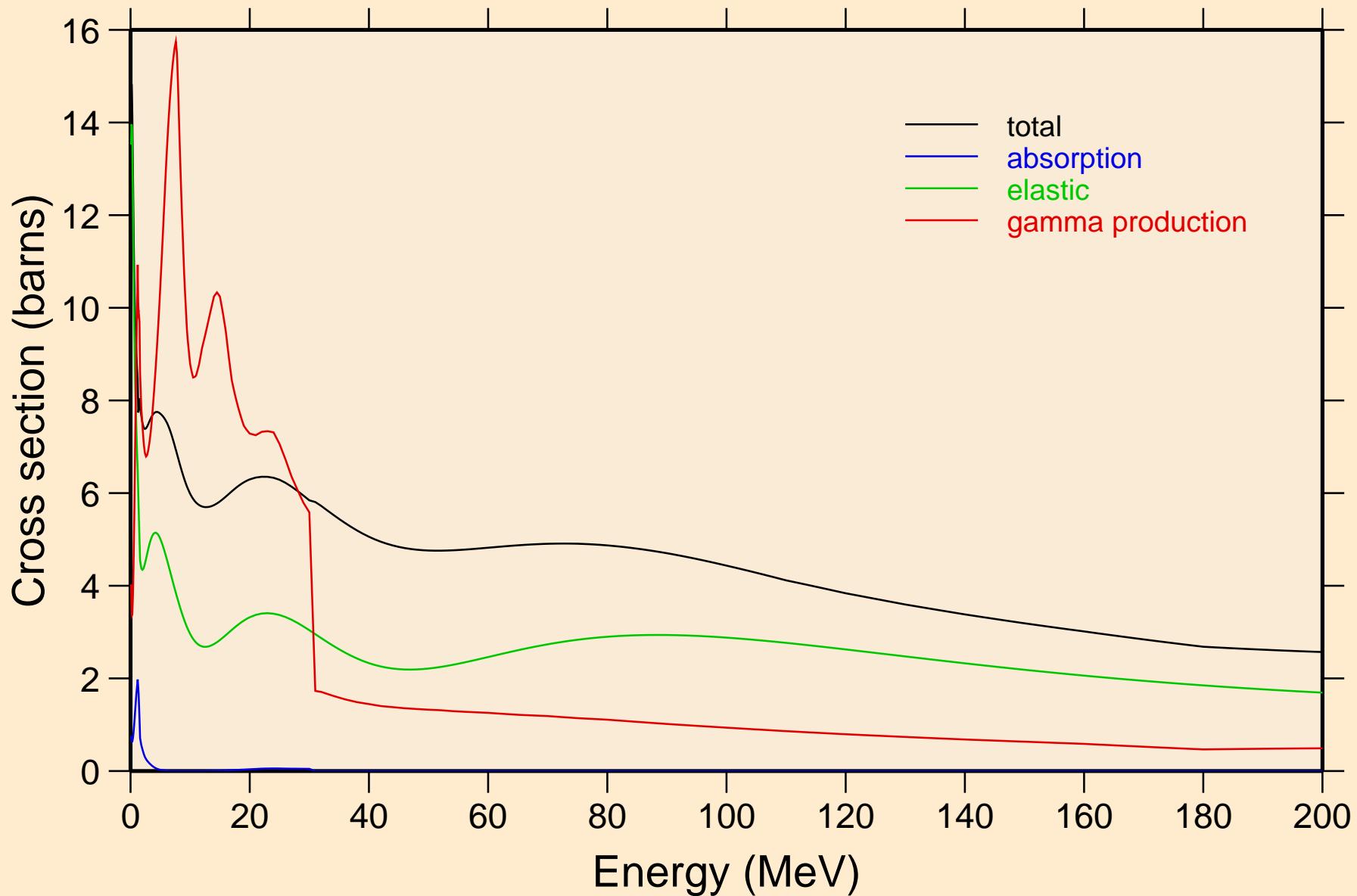
# FM250 NRG TENDL-2015, AKONING

## Non-threshold reactions



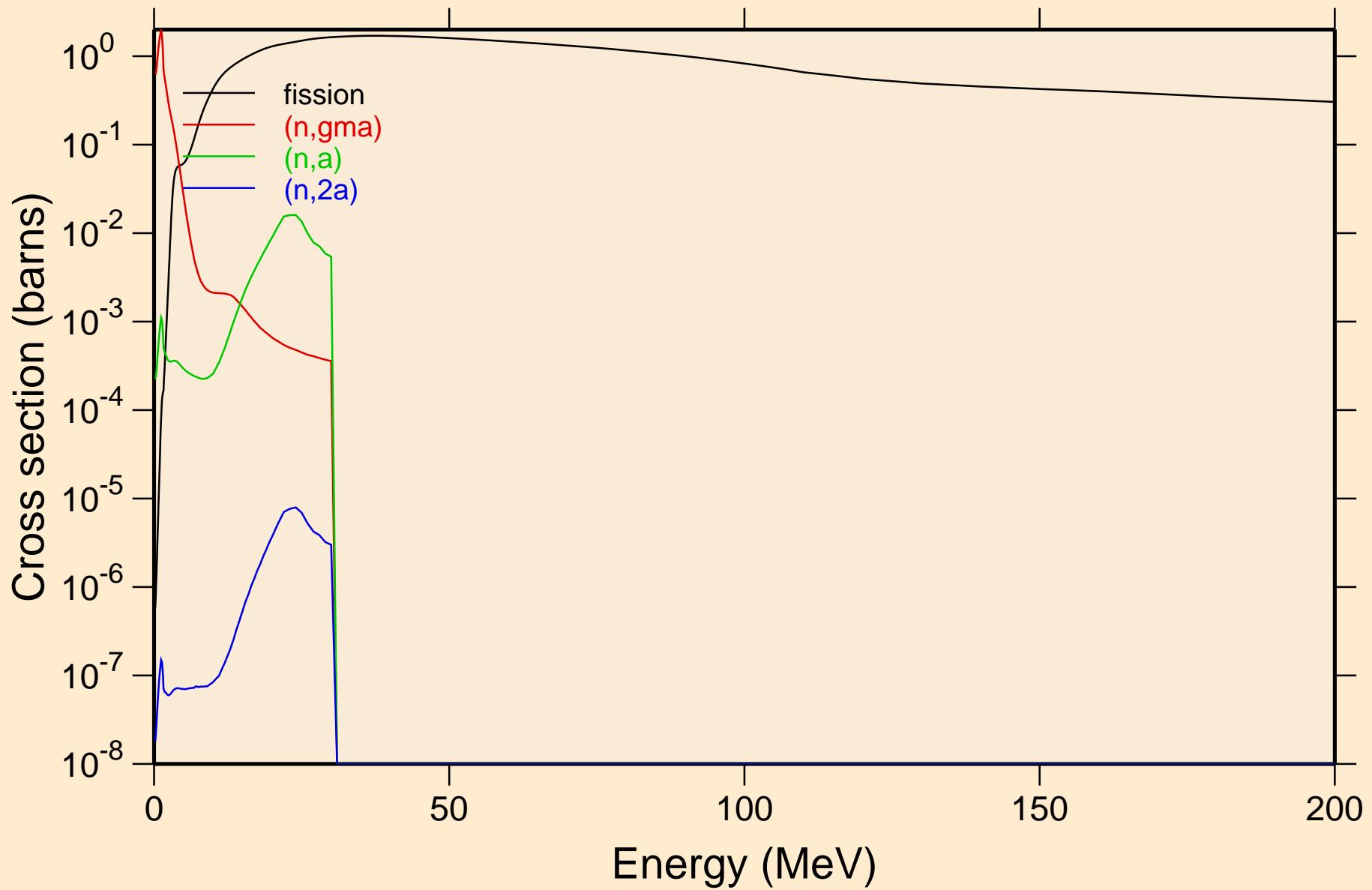
# FM250 NRG TENDL-2015, AKONING

## Principal cross sections



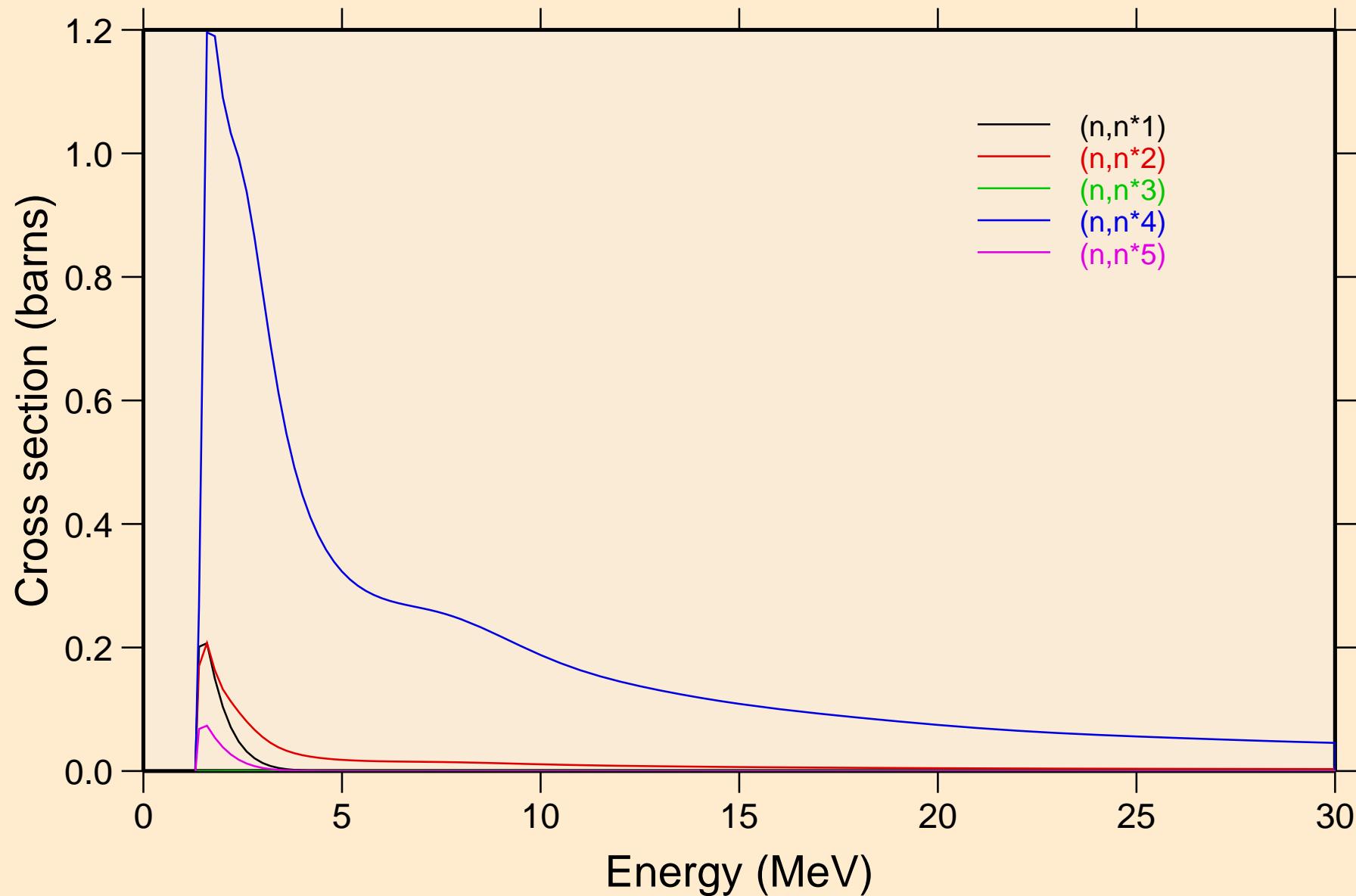
# FM250 NRG TENDL-2015, AKONING

## Non-threshold reactions



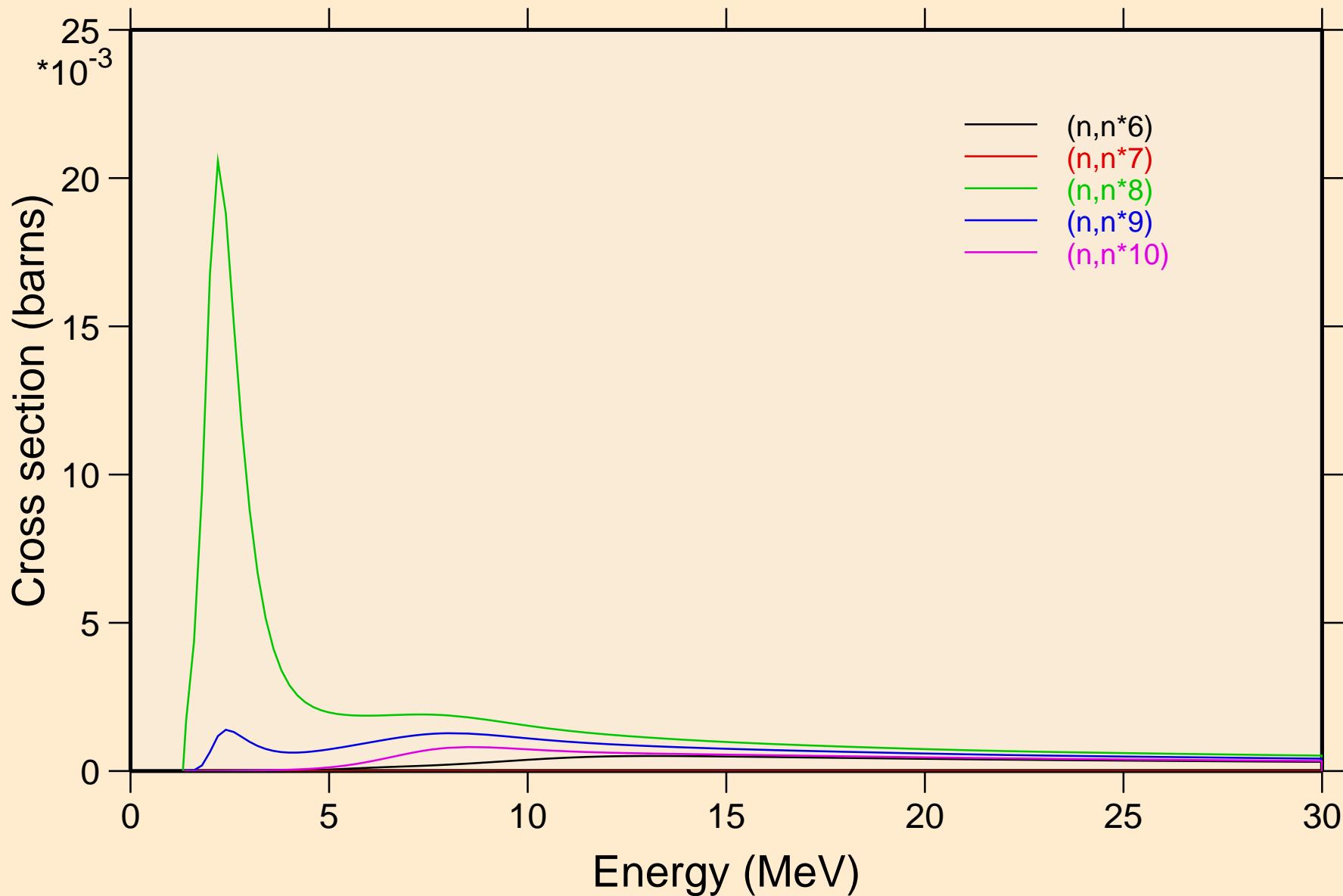
# FM250 NRG TENDL-2015, AKONING

## Inelastic levels



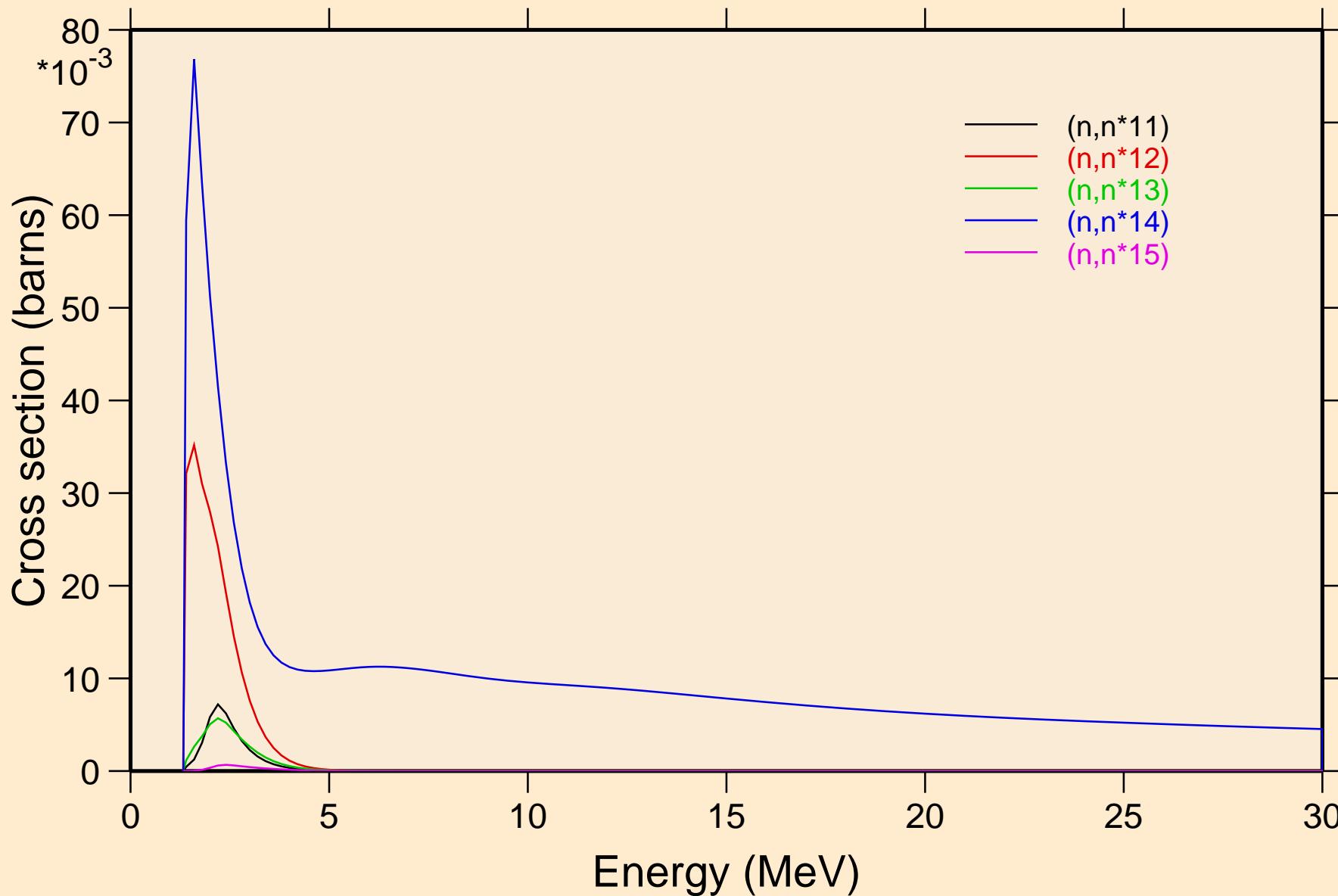
# FM250 NRG TENDL-2015, AKONING

## Inelastic levels



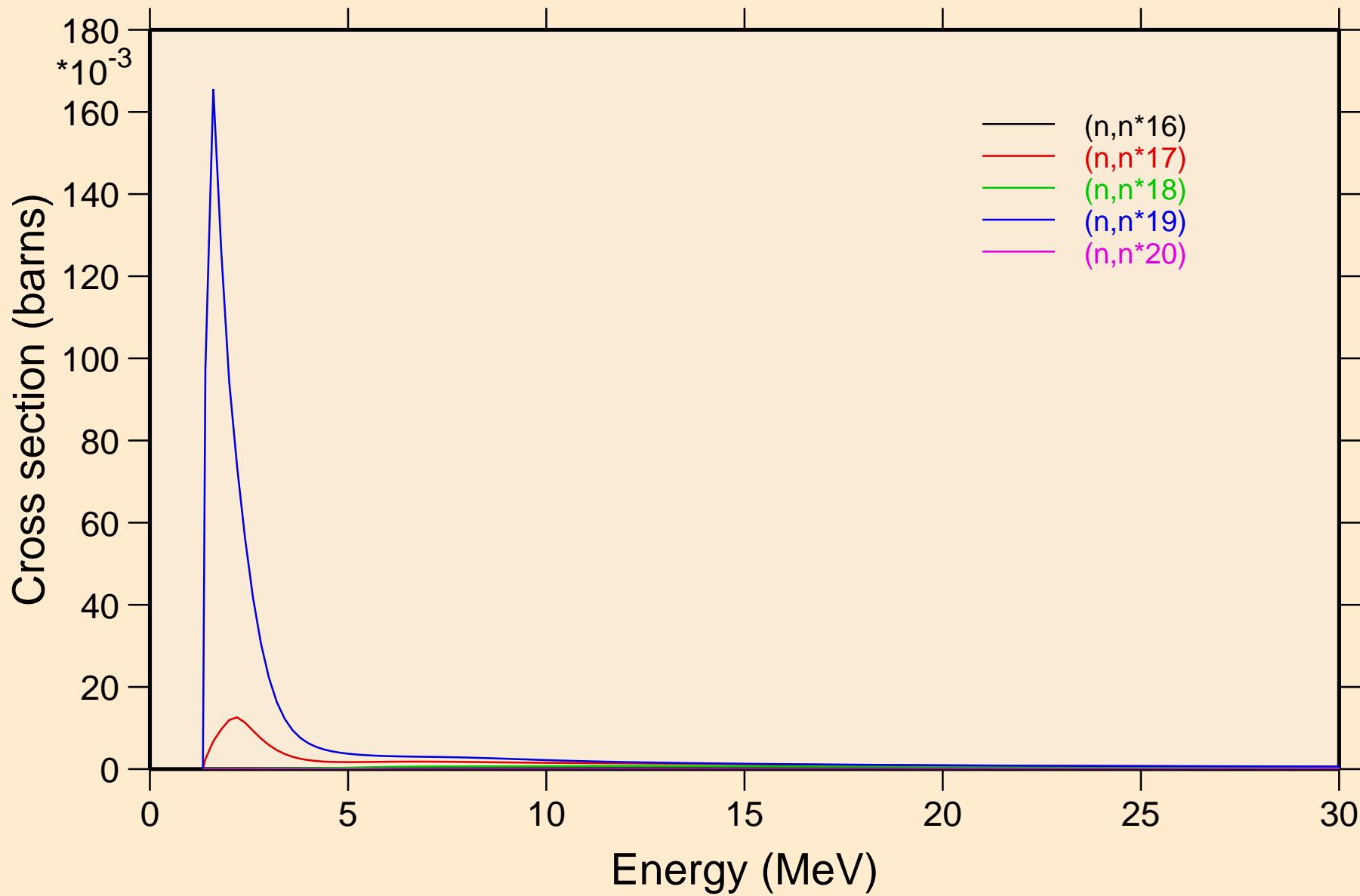
# FM250 NRG TENDL-2015, AKONING

## Inelastic levels



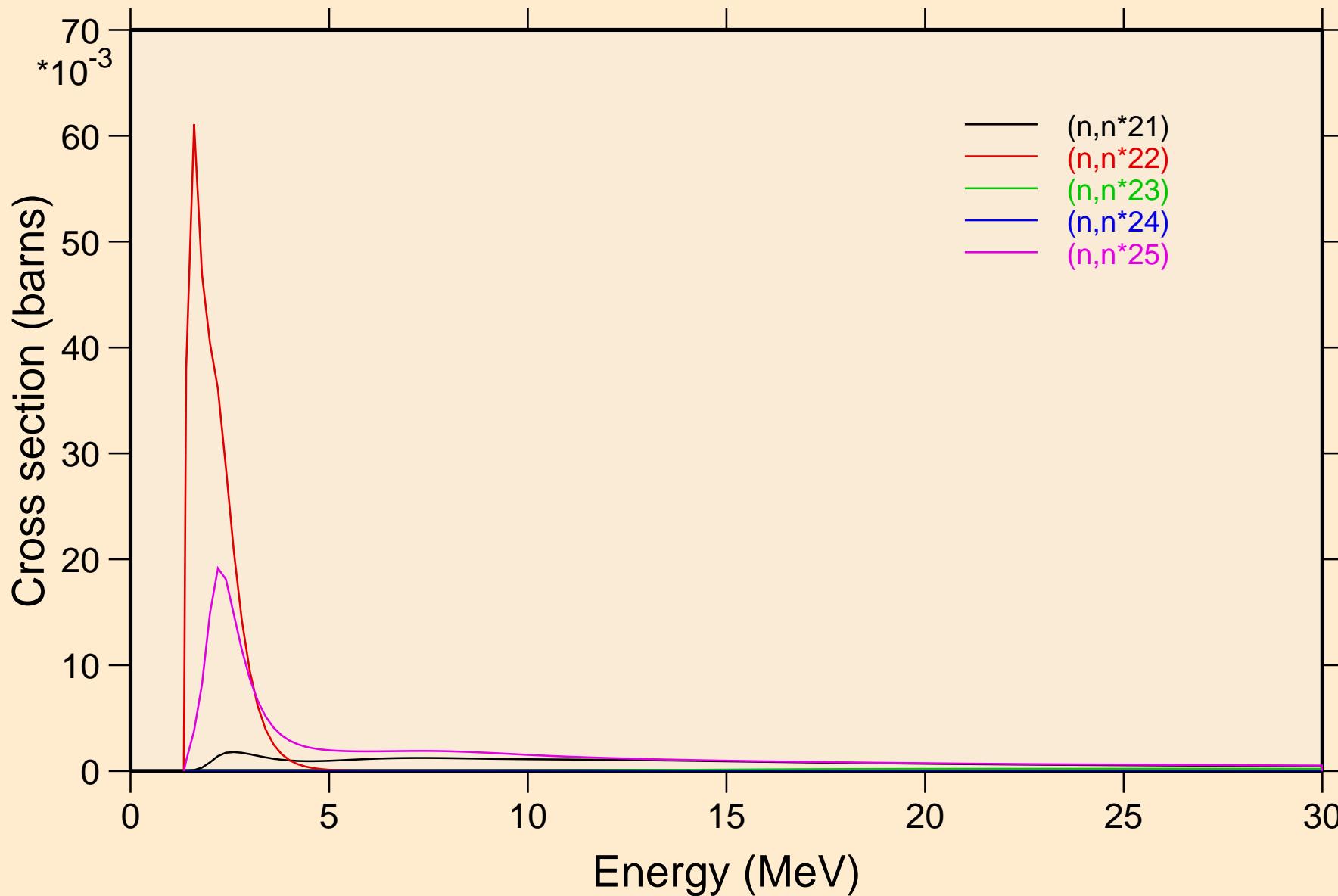
# FM250 NRG TENDL-2015, AKONING

## Inelastic levels



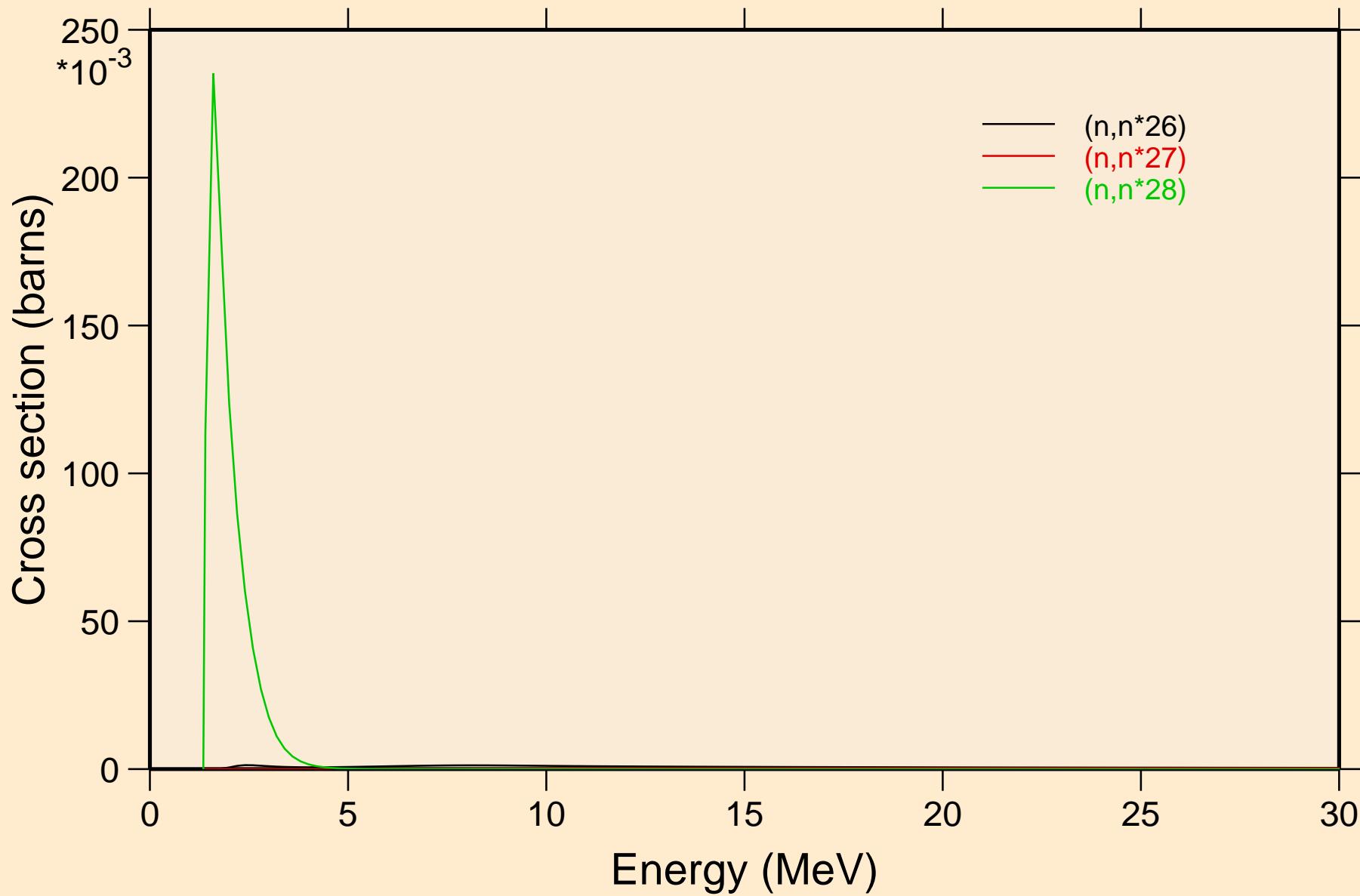
# FM250 NRG TENDL-2015, AKONING

## Inelastic levels



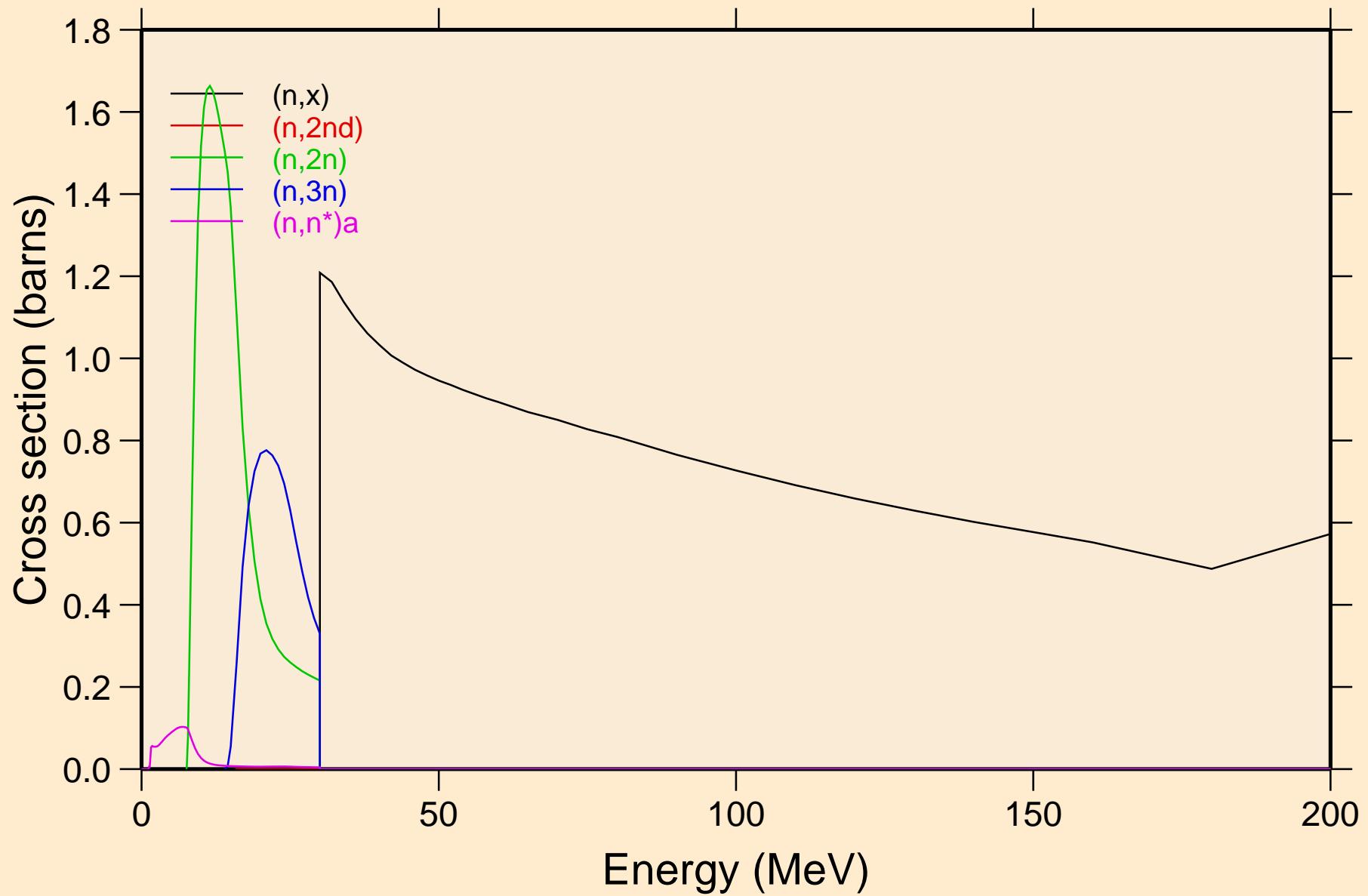
# FM250 NRG TENDL-2015, AKONING

## Inelastic levels



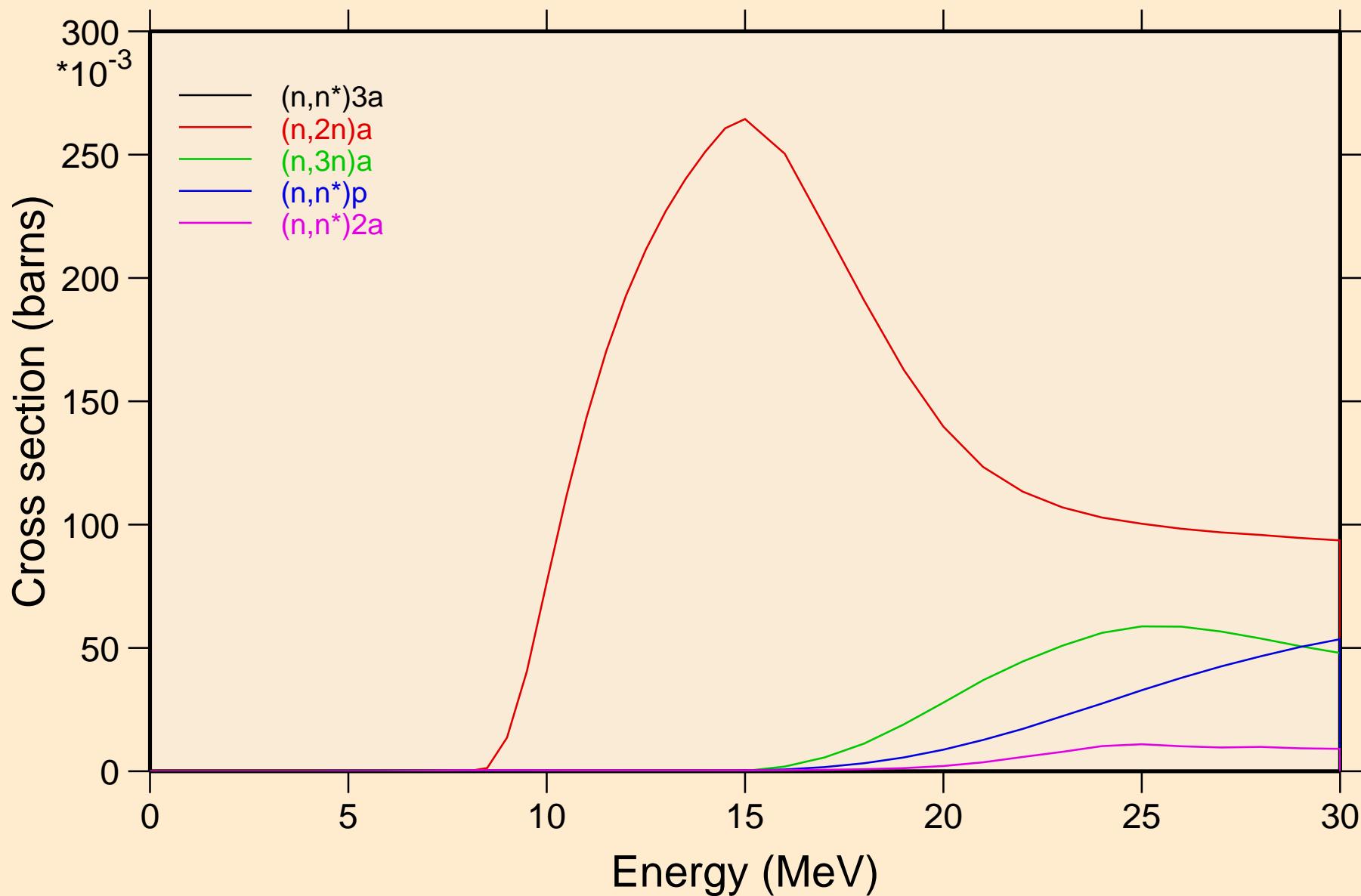
# FM250 NRG TENDL-2015, AKONING

## Threshold reactions



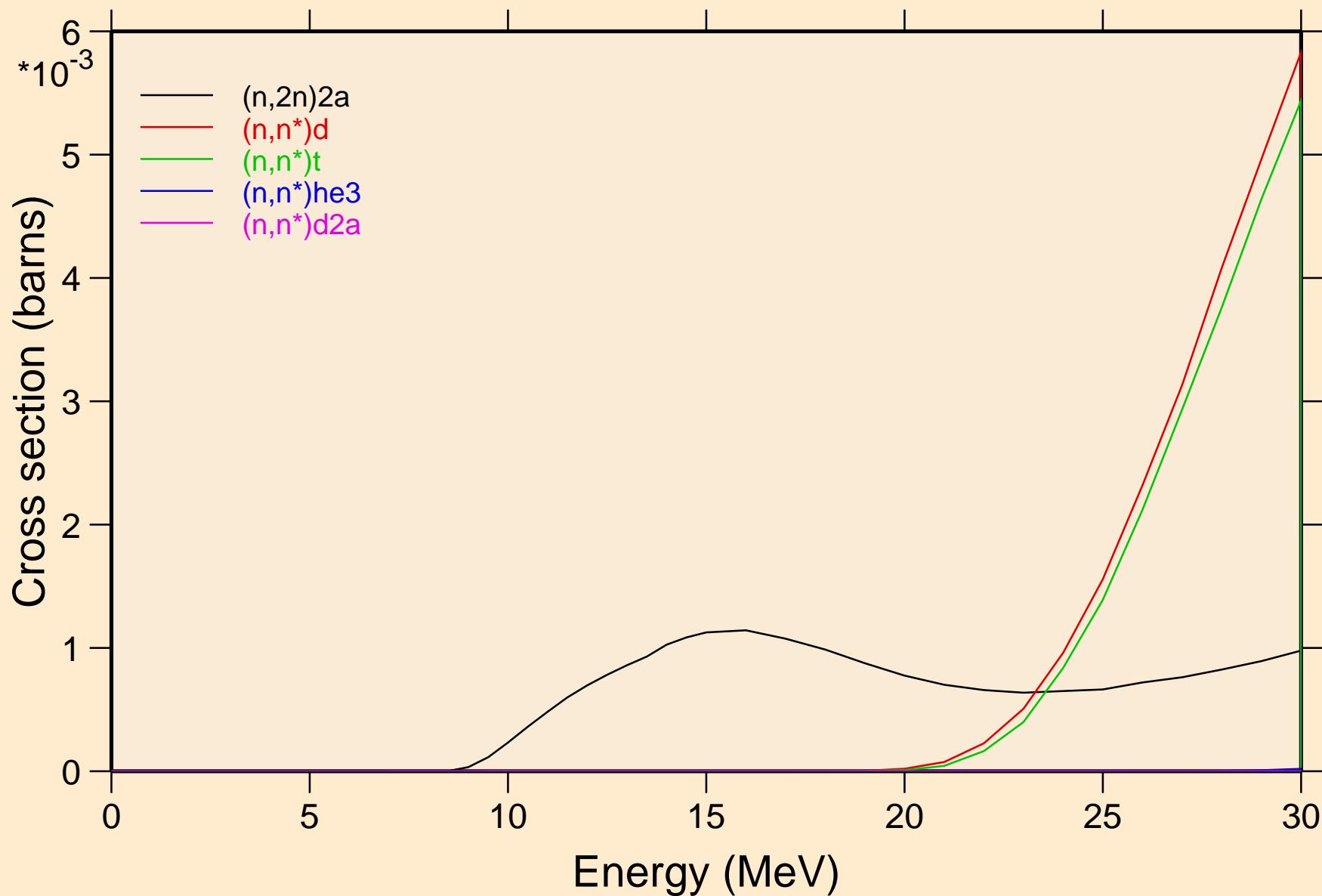
# FM250 NRG TENDL-2015, AKONING

## Threshold reactions



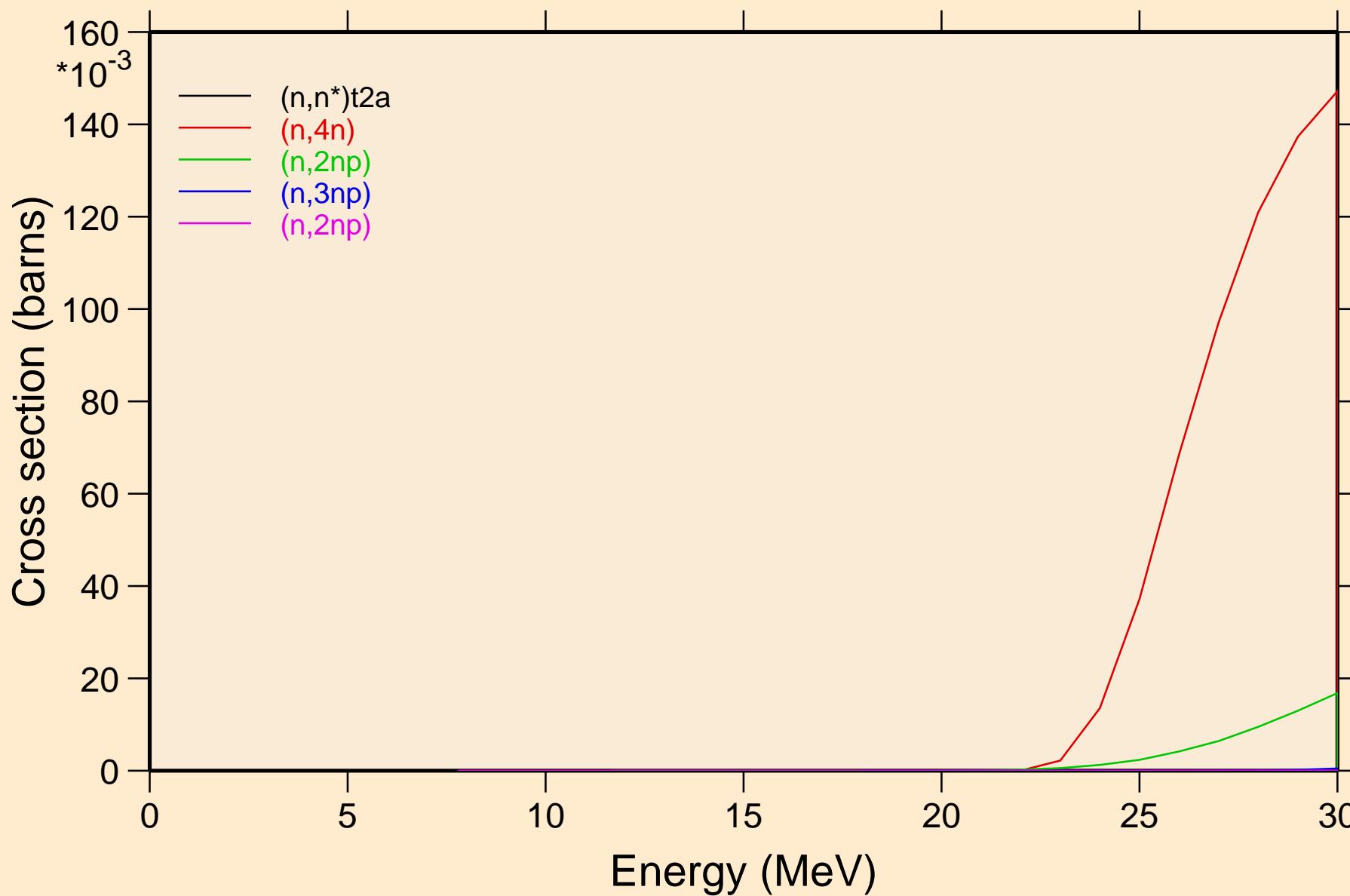
# FM250 NRG TENDL-2015, AKONING

## Threshold reactions



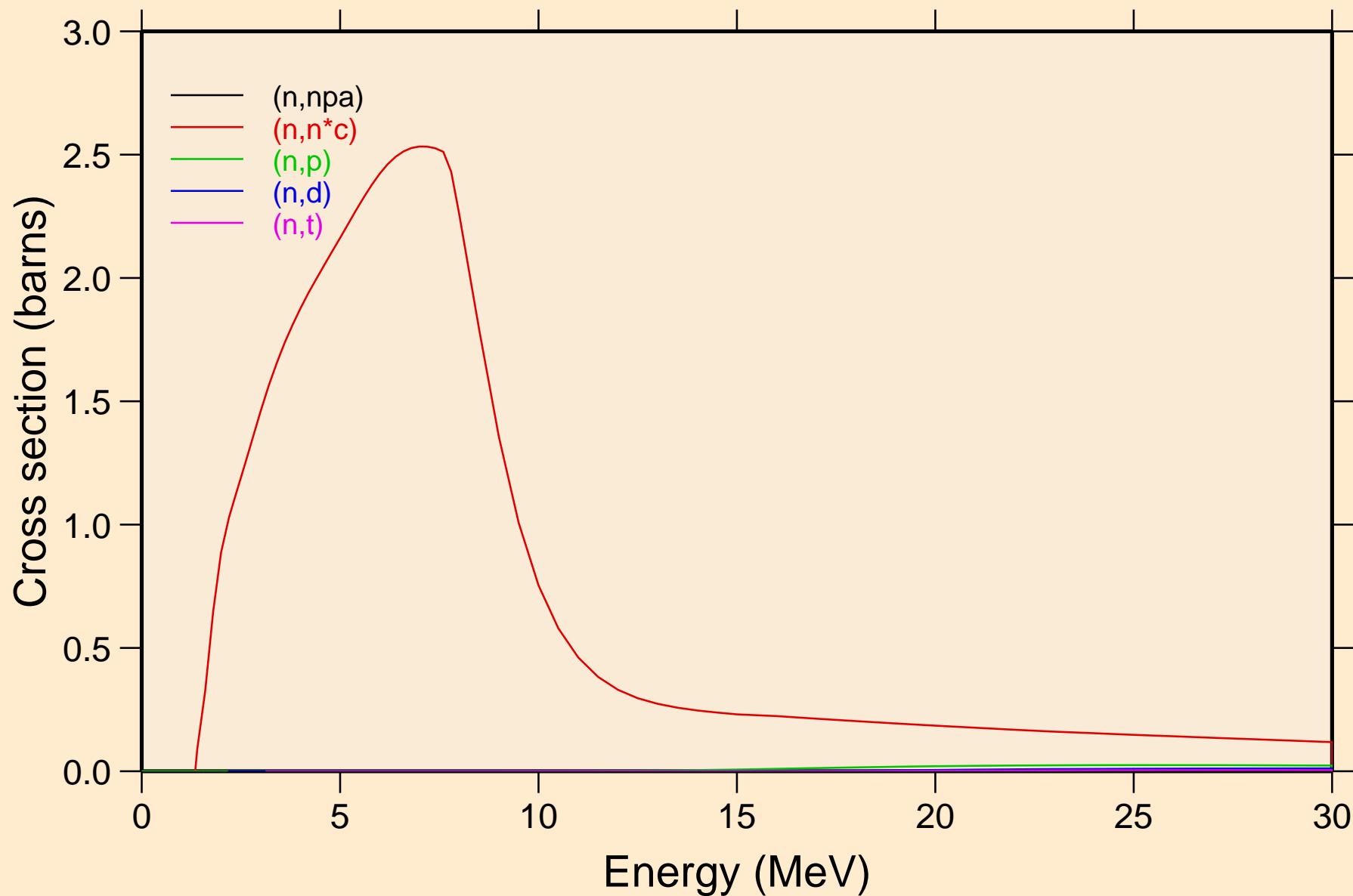
# FM250 NRG TENDL-2015, AKONING

## Threshold reactions



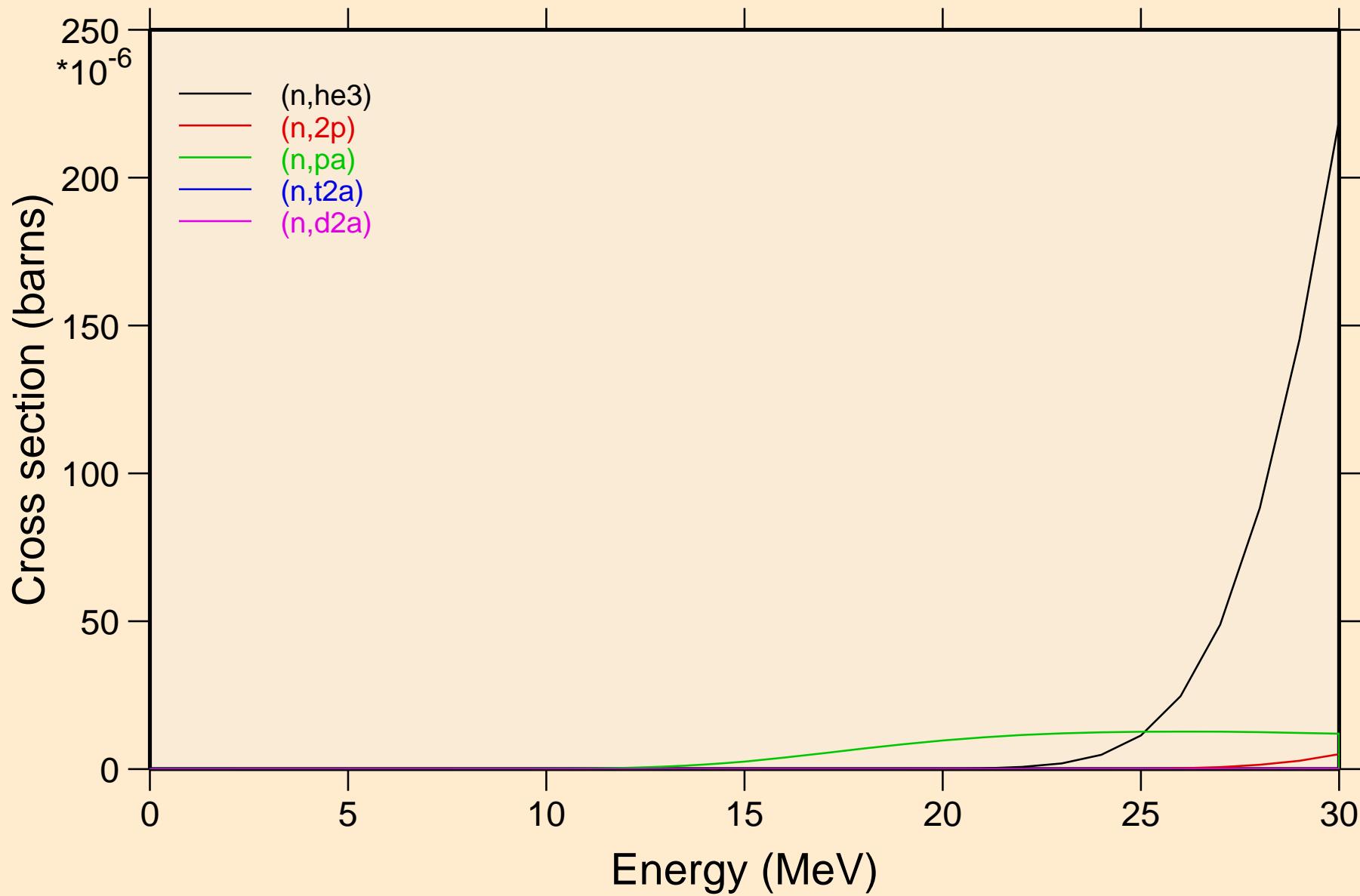
# FM250 NRG TENDL-2015, AKONING

## Threshold reactions



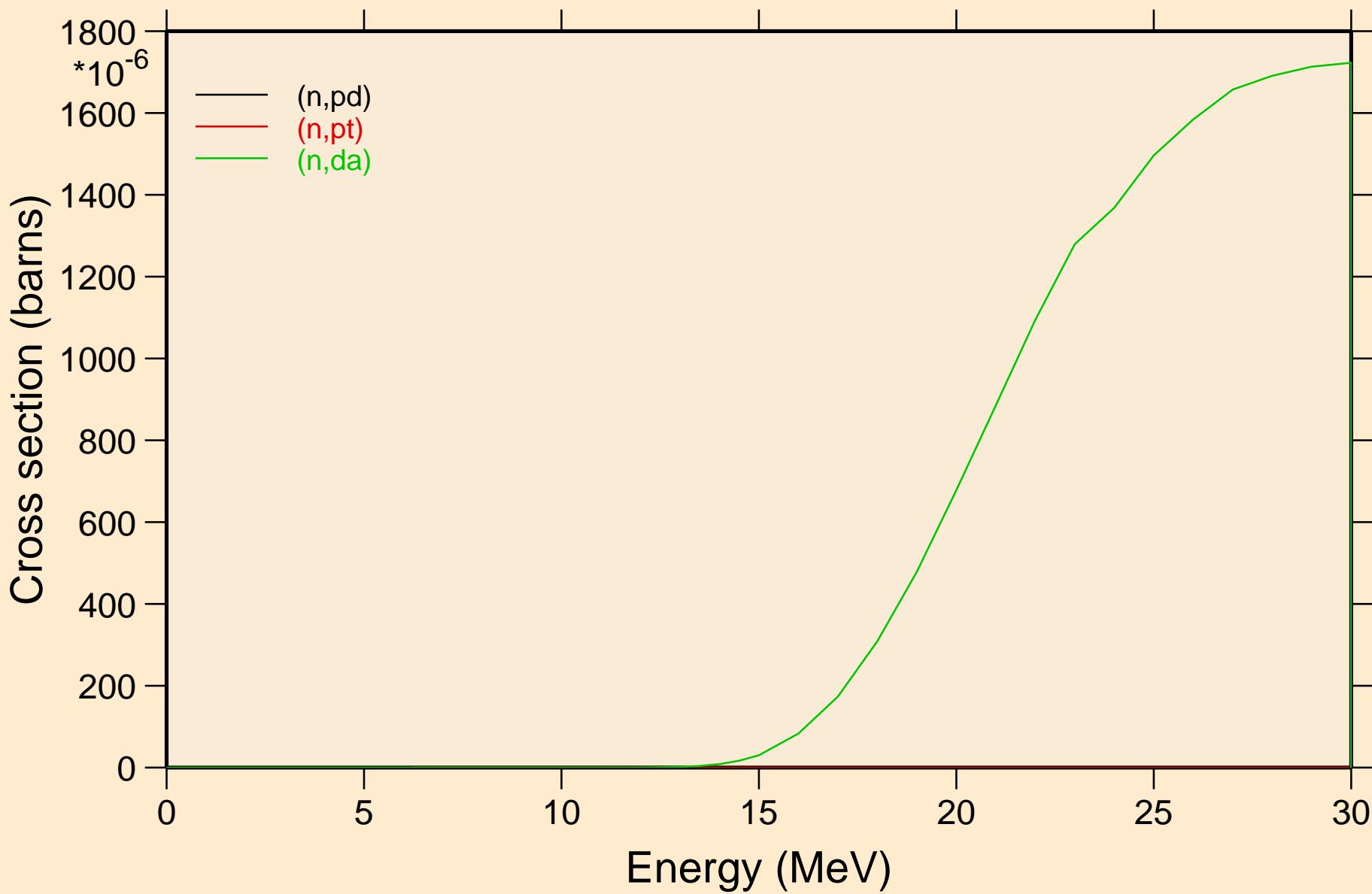
# FM250 NRG TENDL-2015, AKONING

## Threshold reactions

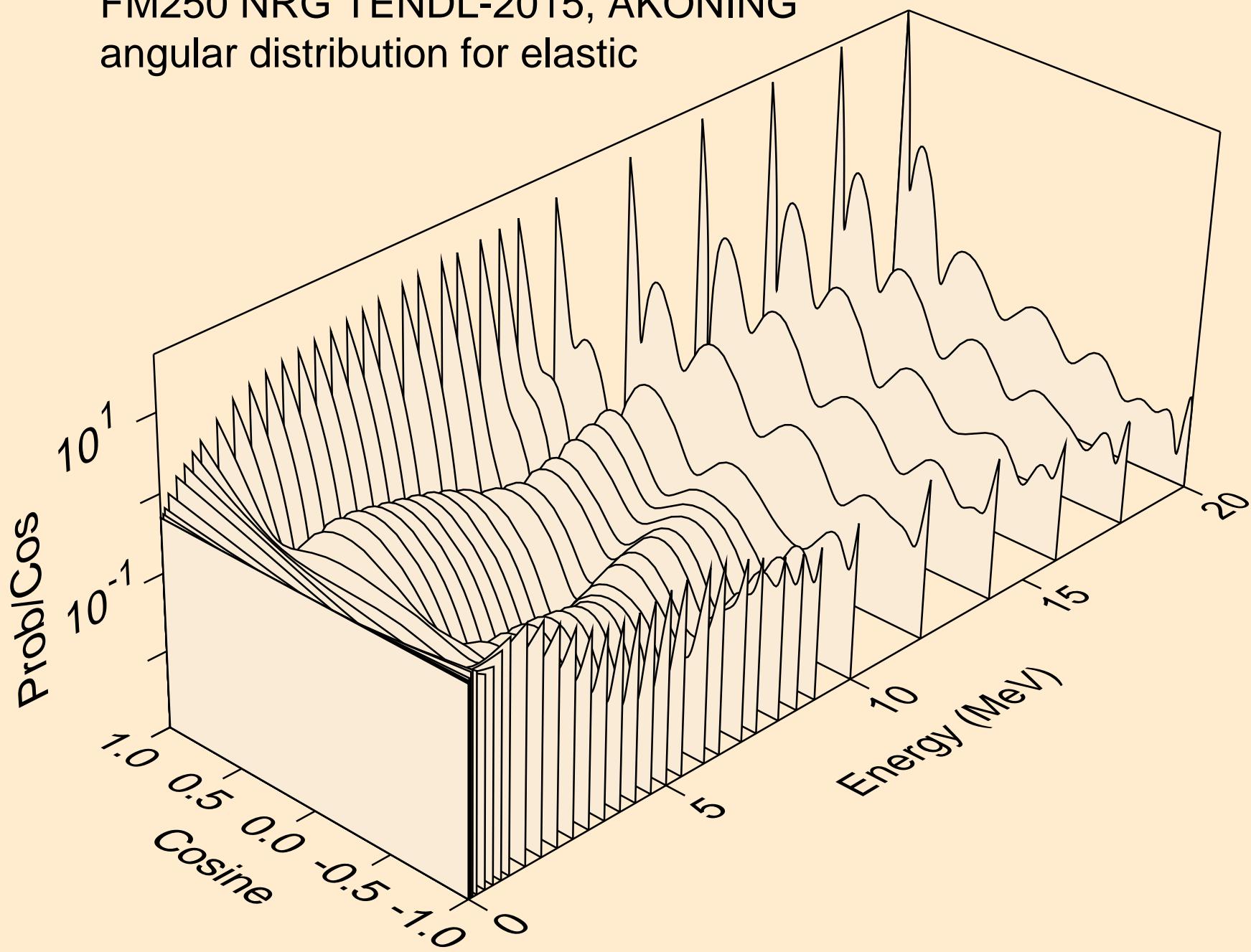


# FM250 NRG TENDL-2015, AKONING

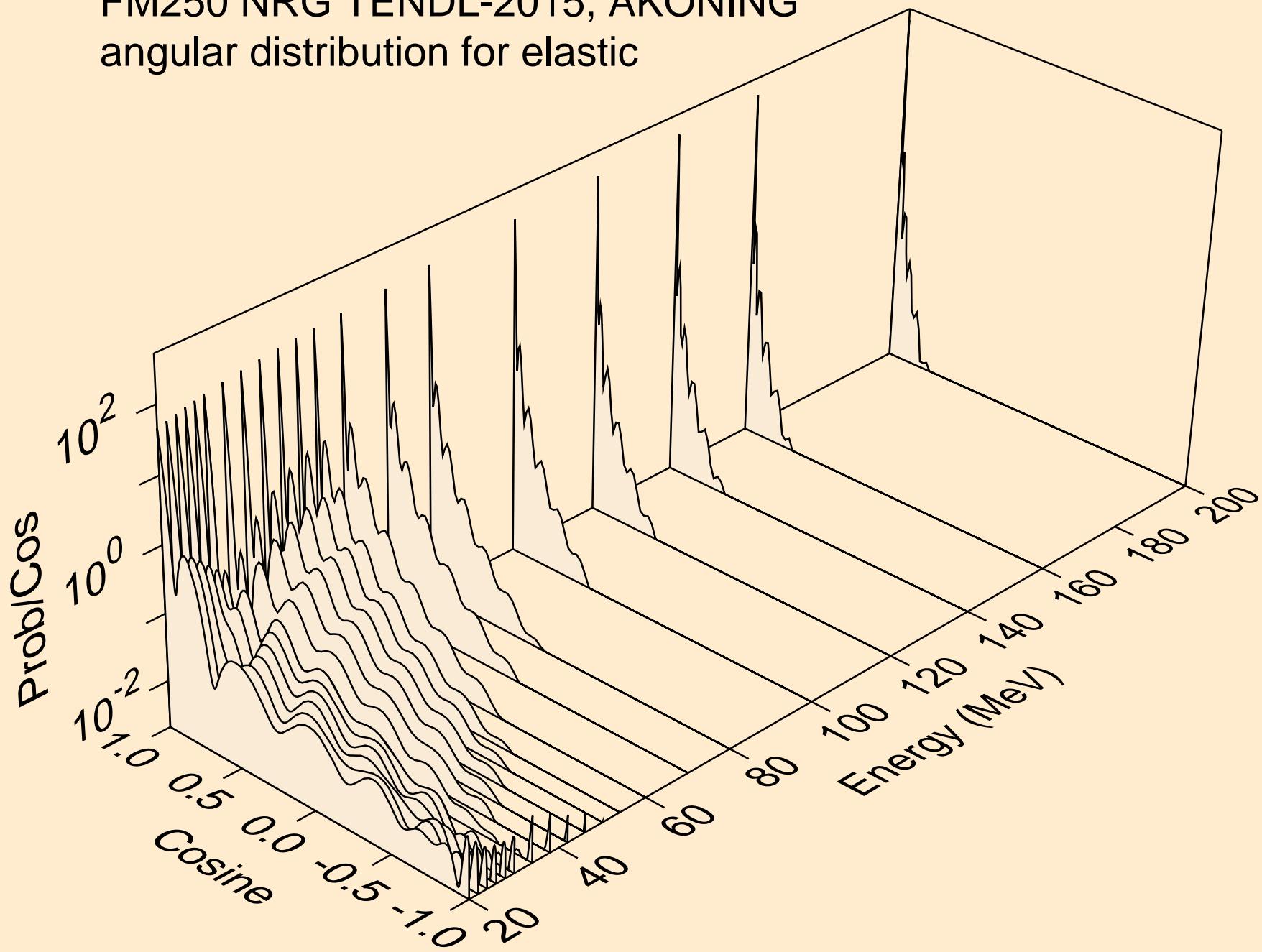
## Threshold reactions



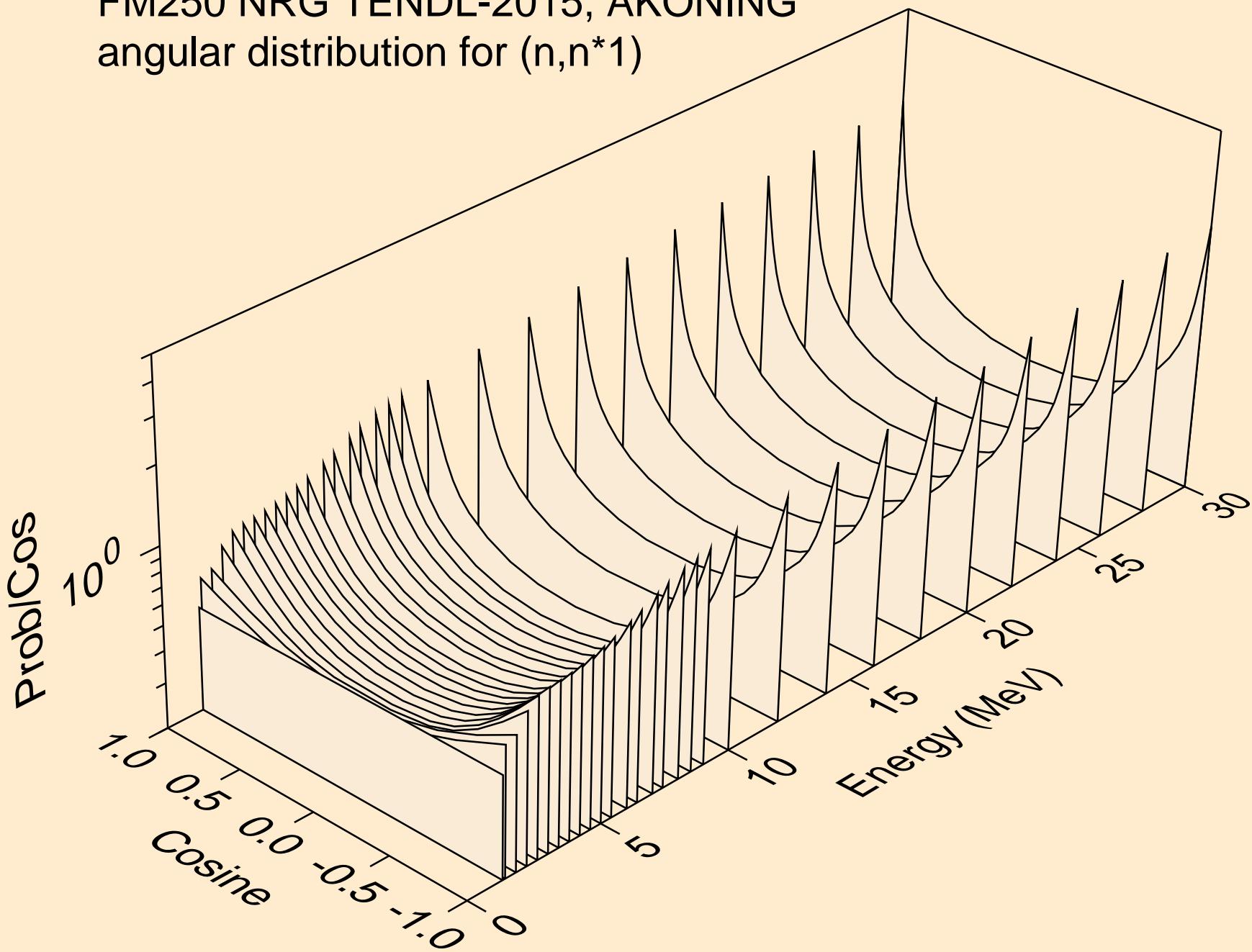
FM250 NRG TENDL-2015, AKONING  
angular distribution for elastic



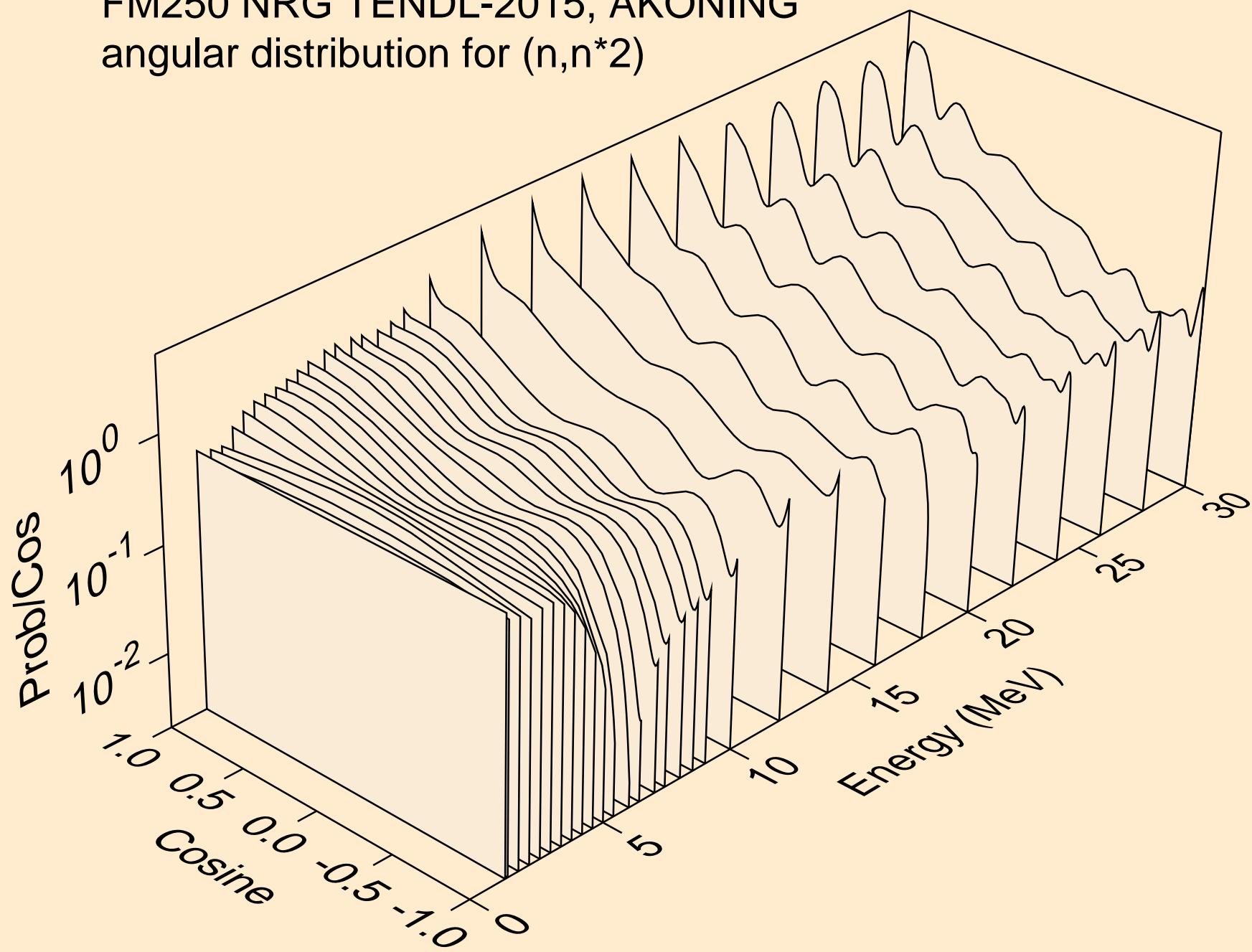
FM250 NRG TENDL-2015, AKONING  
angular distribution for elastic



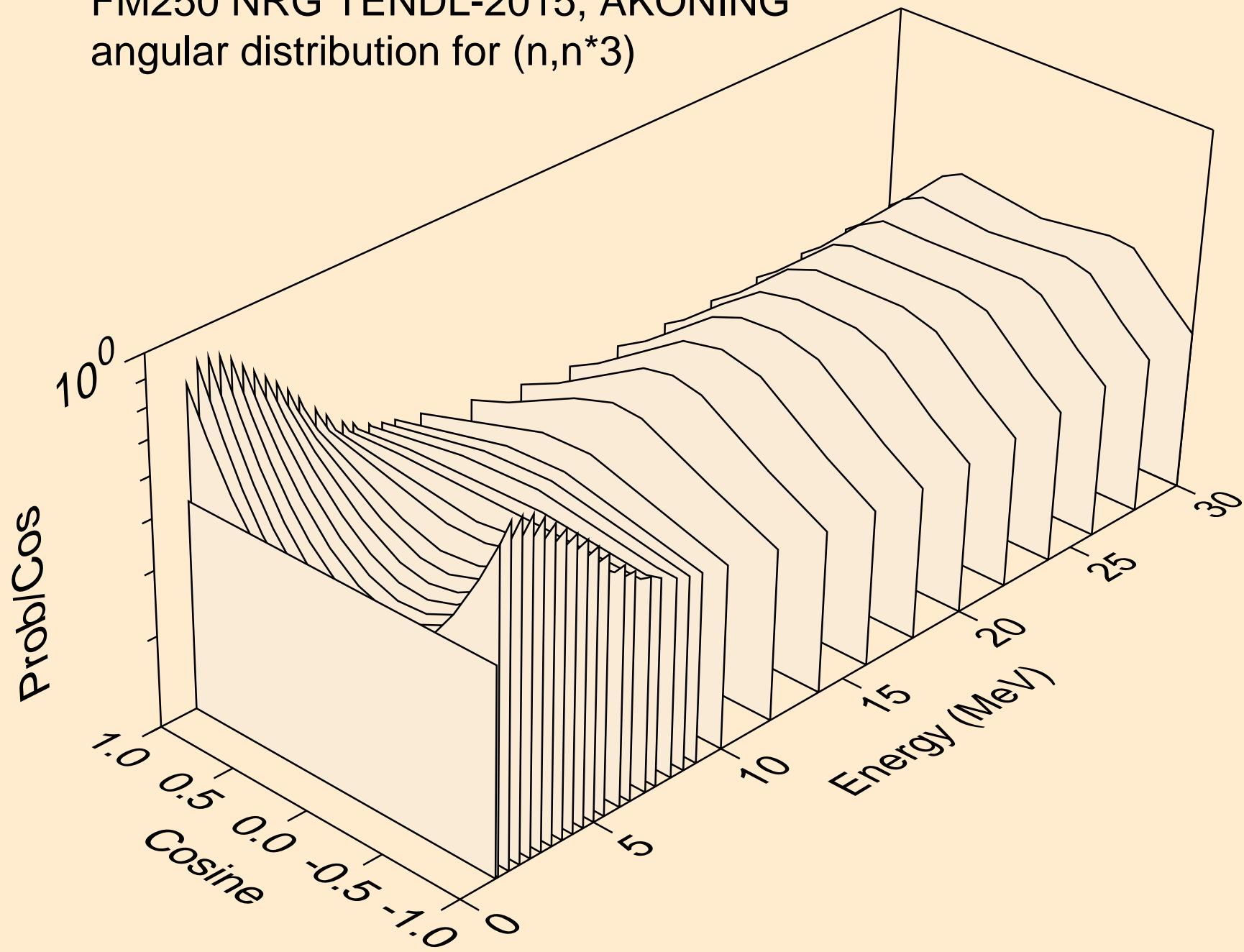
FM250 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



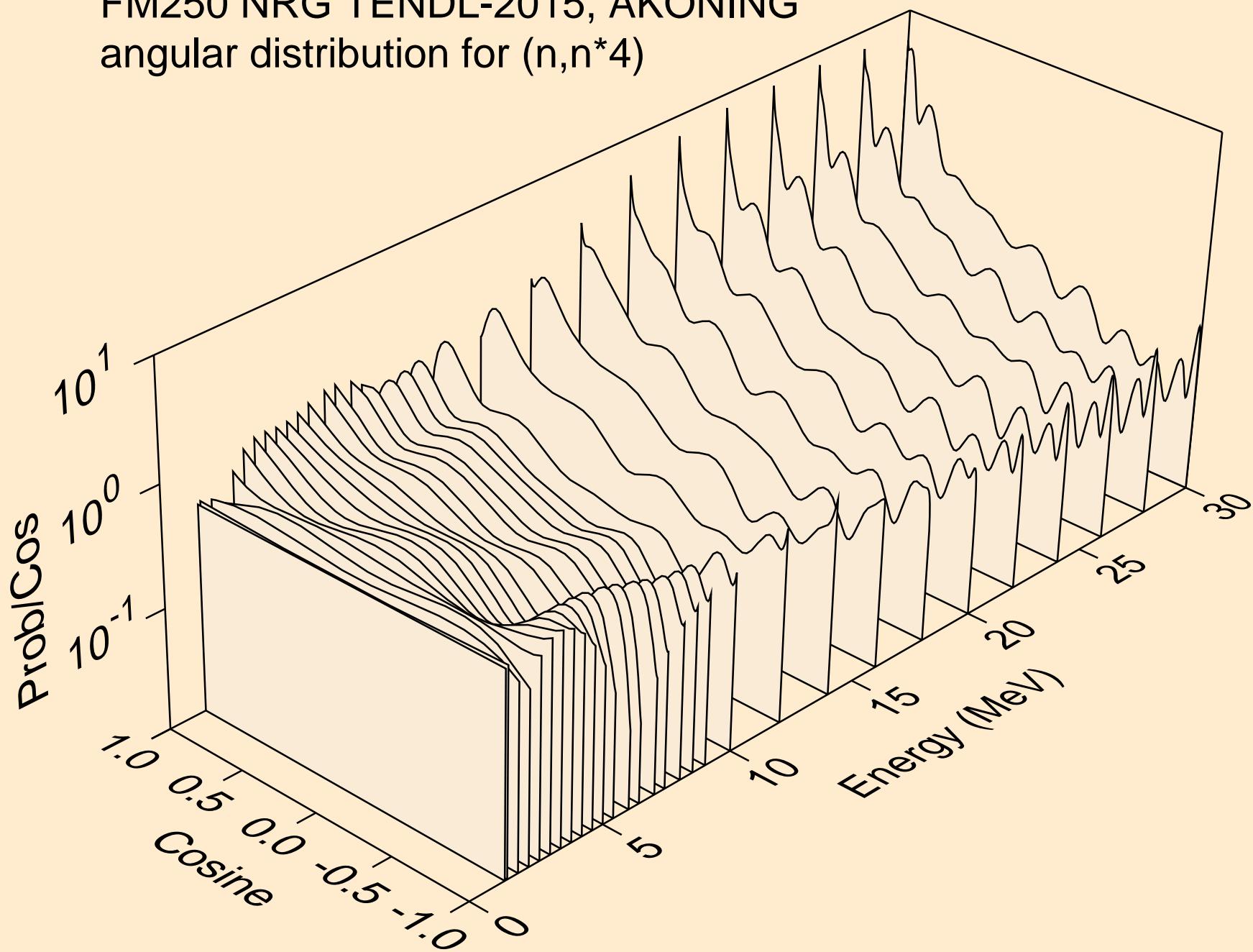
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^2$



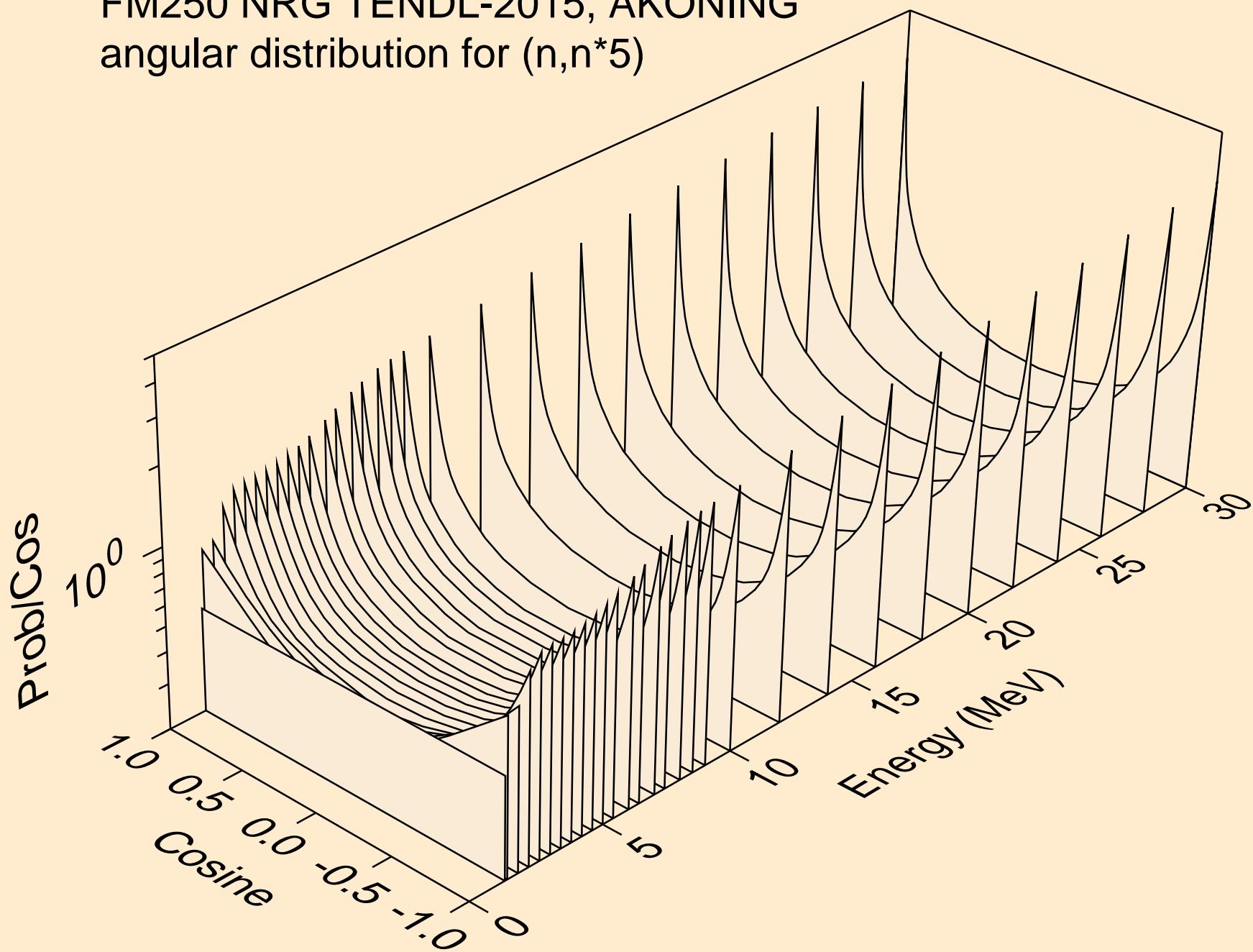
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



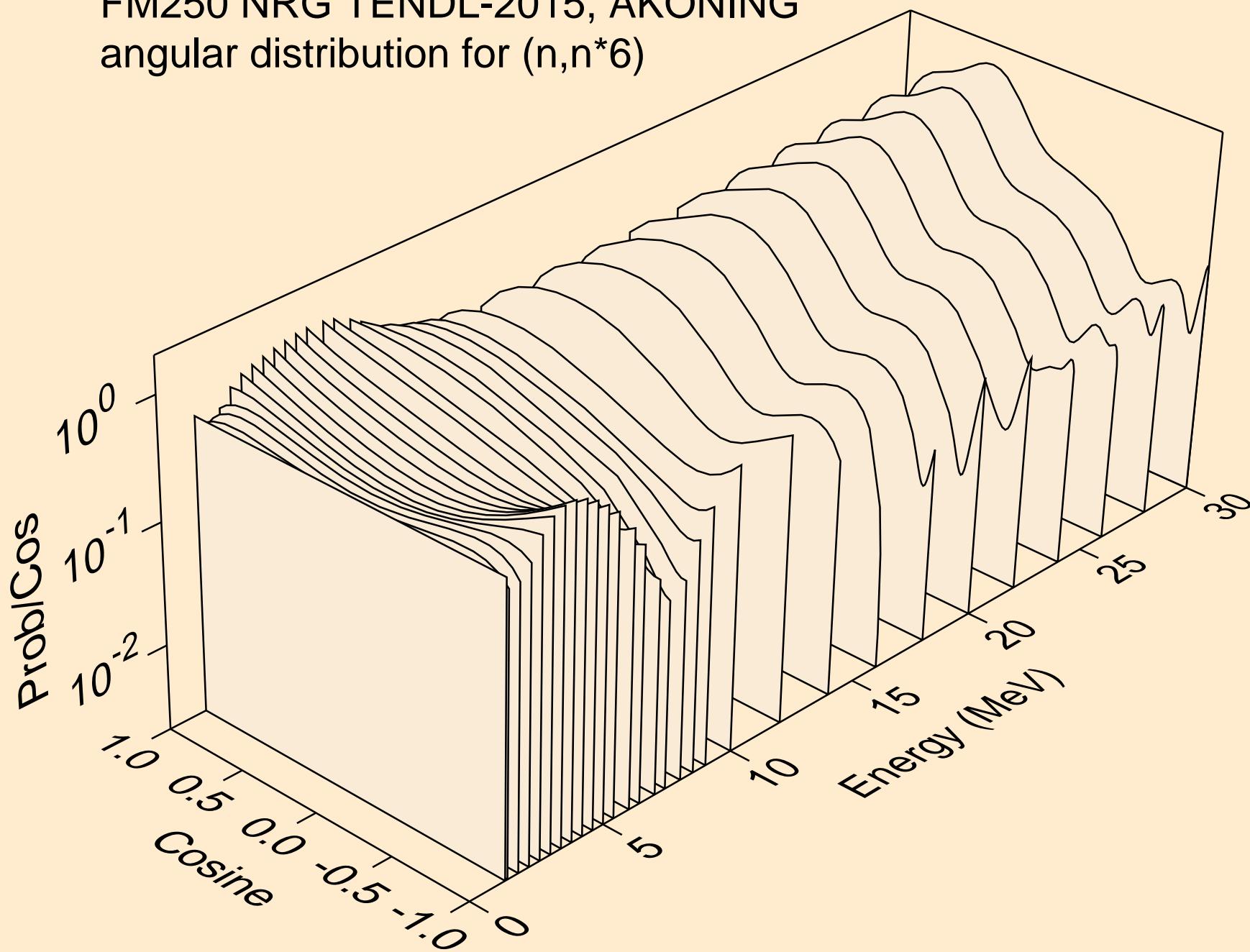
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



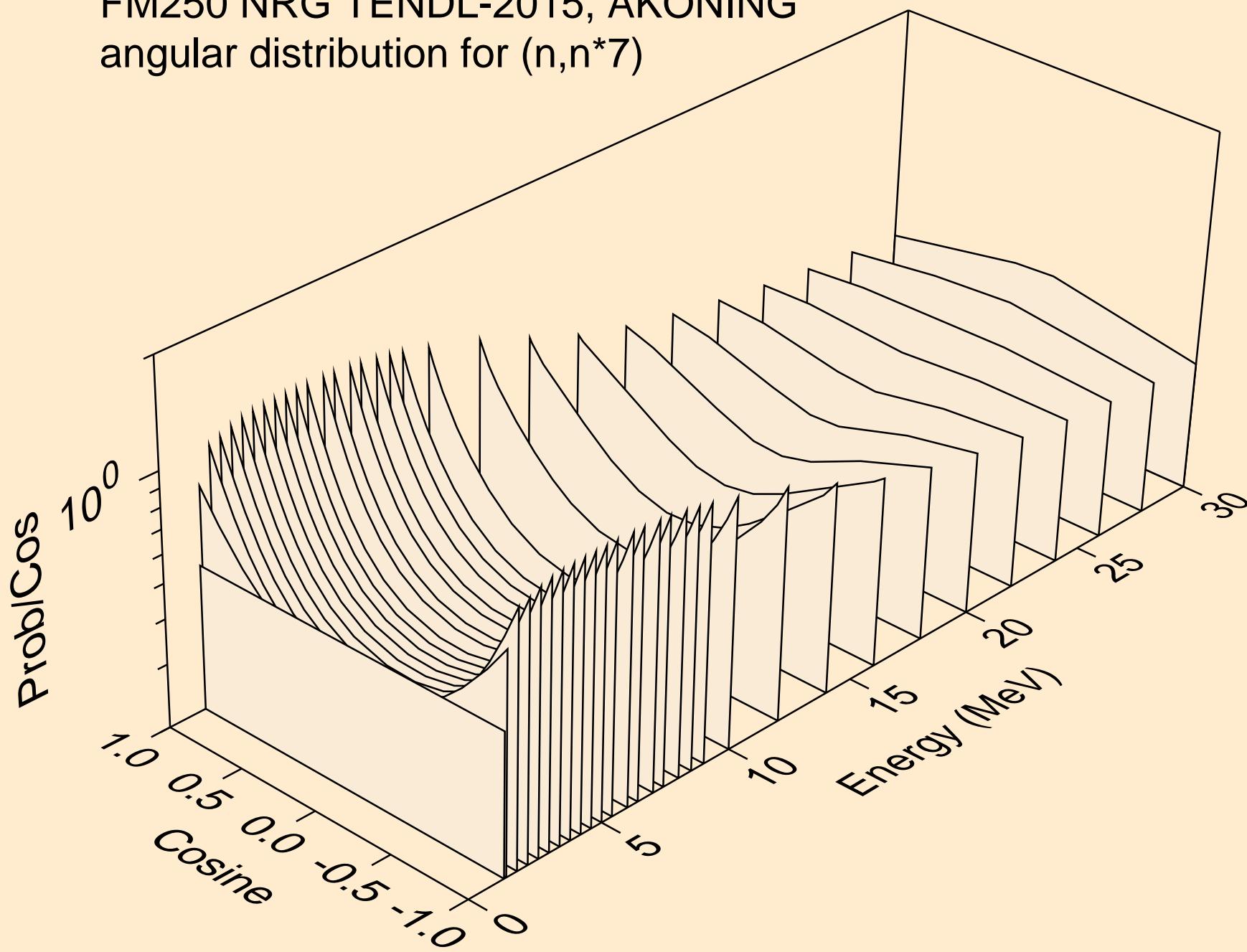
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



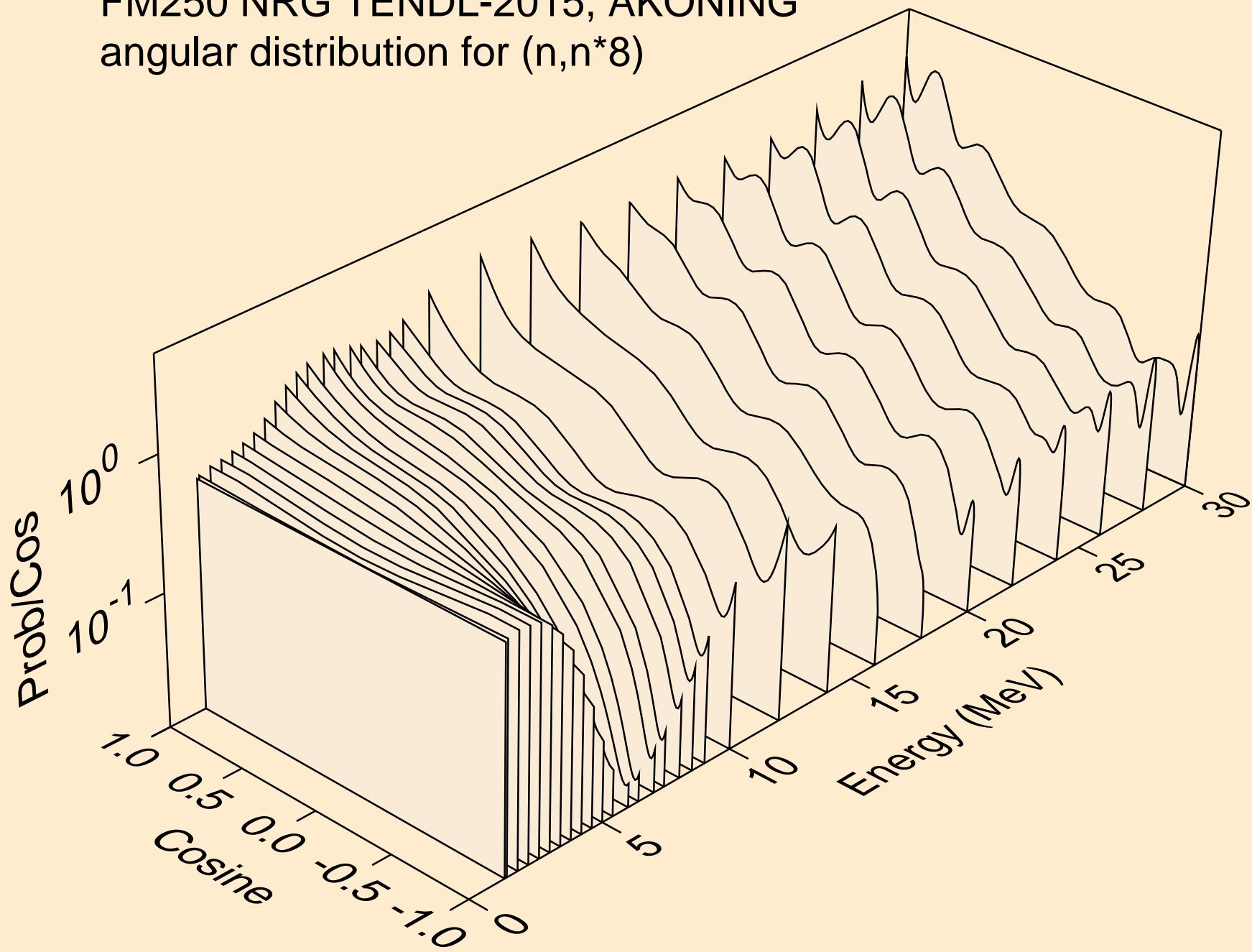
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



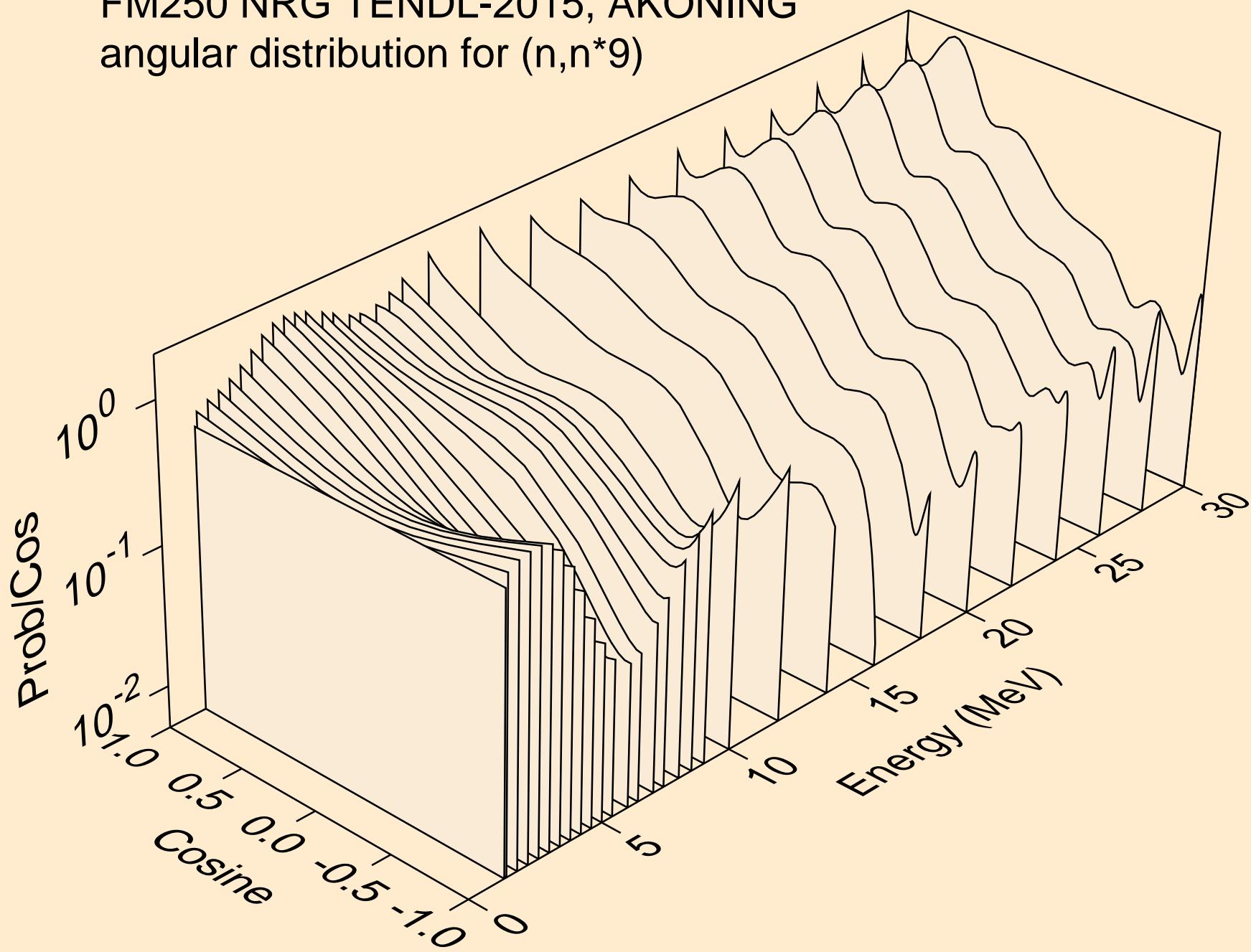
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



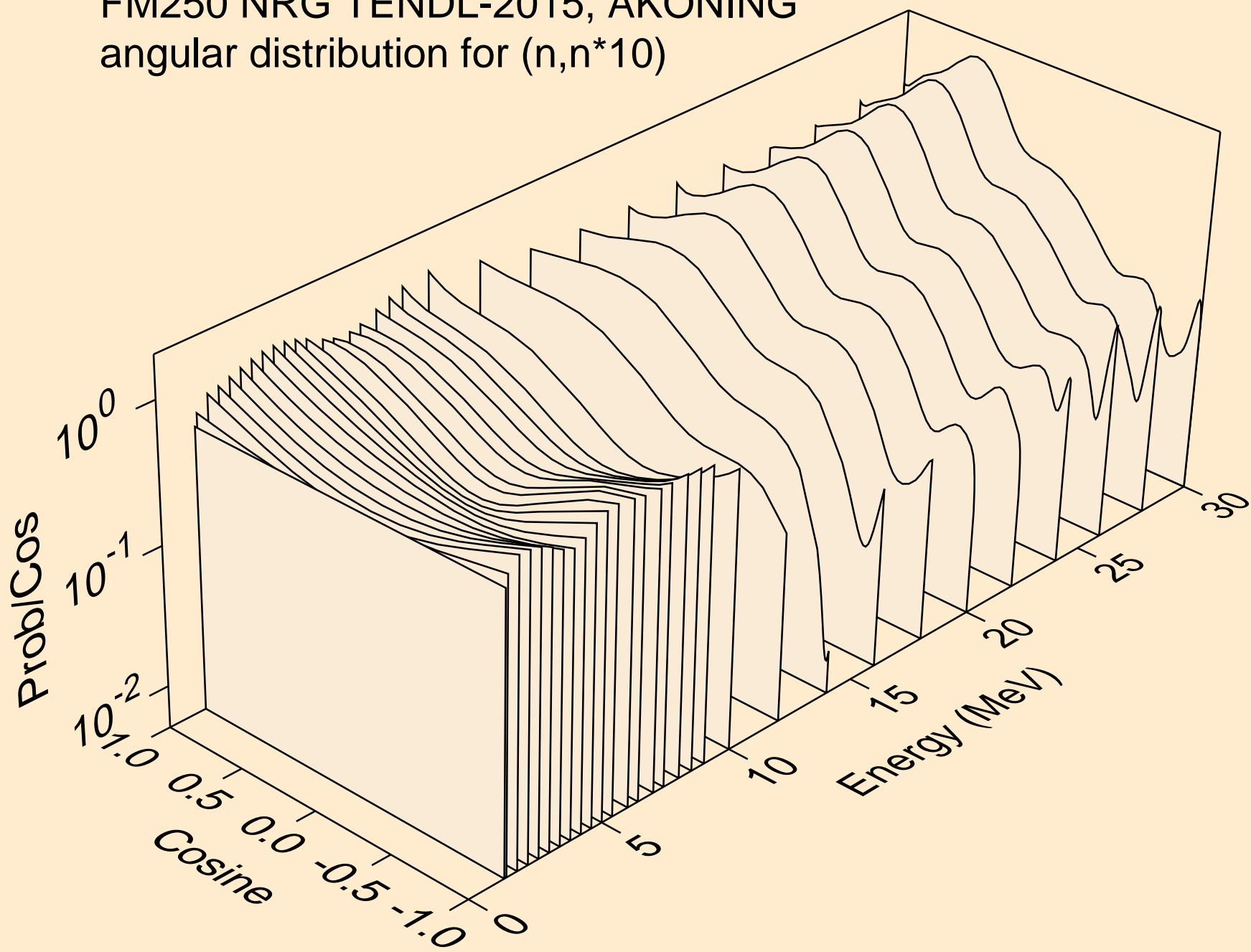
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



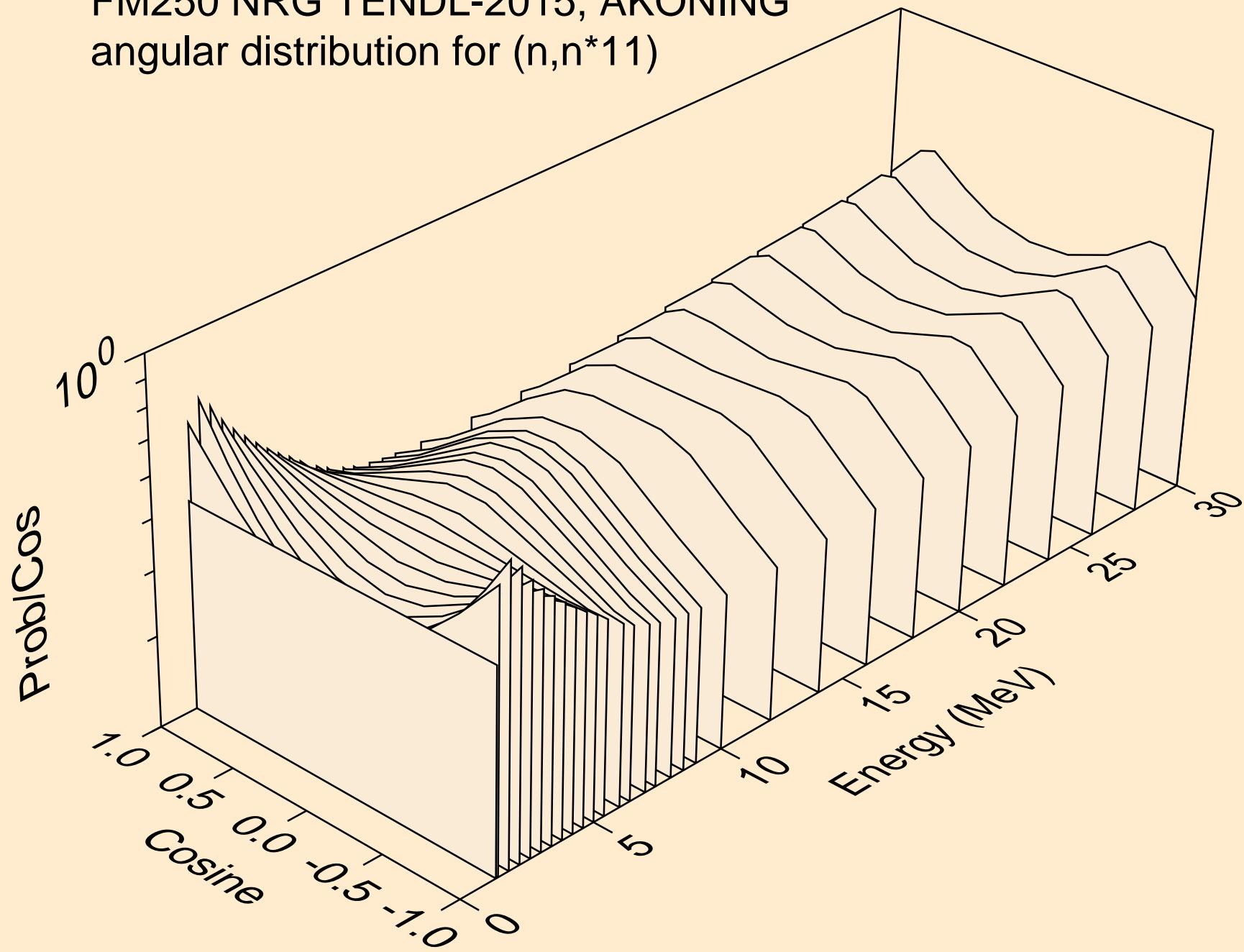
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)9$



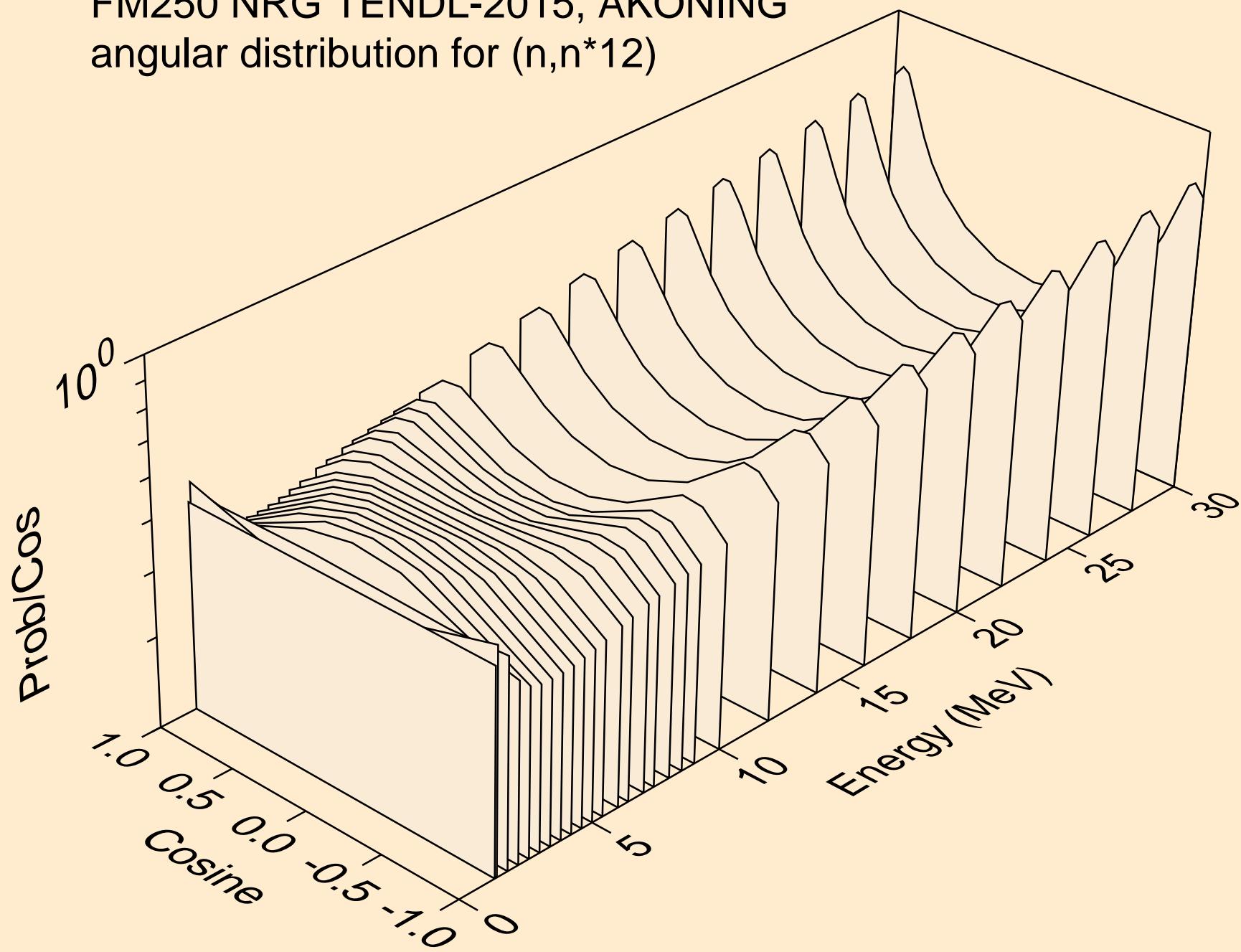
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*10)$



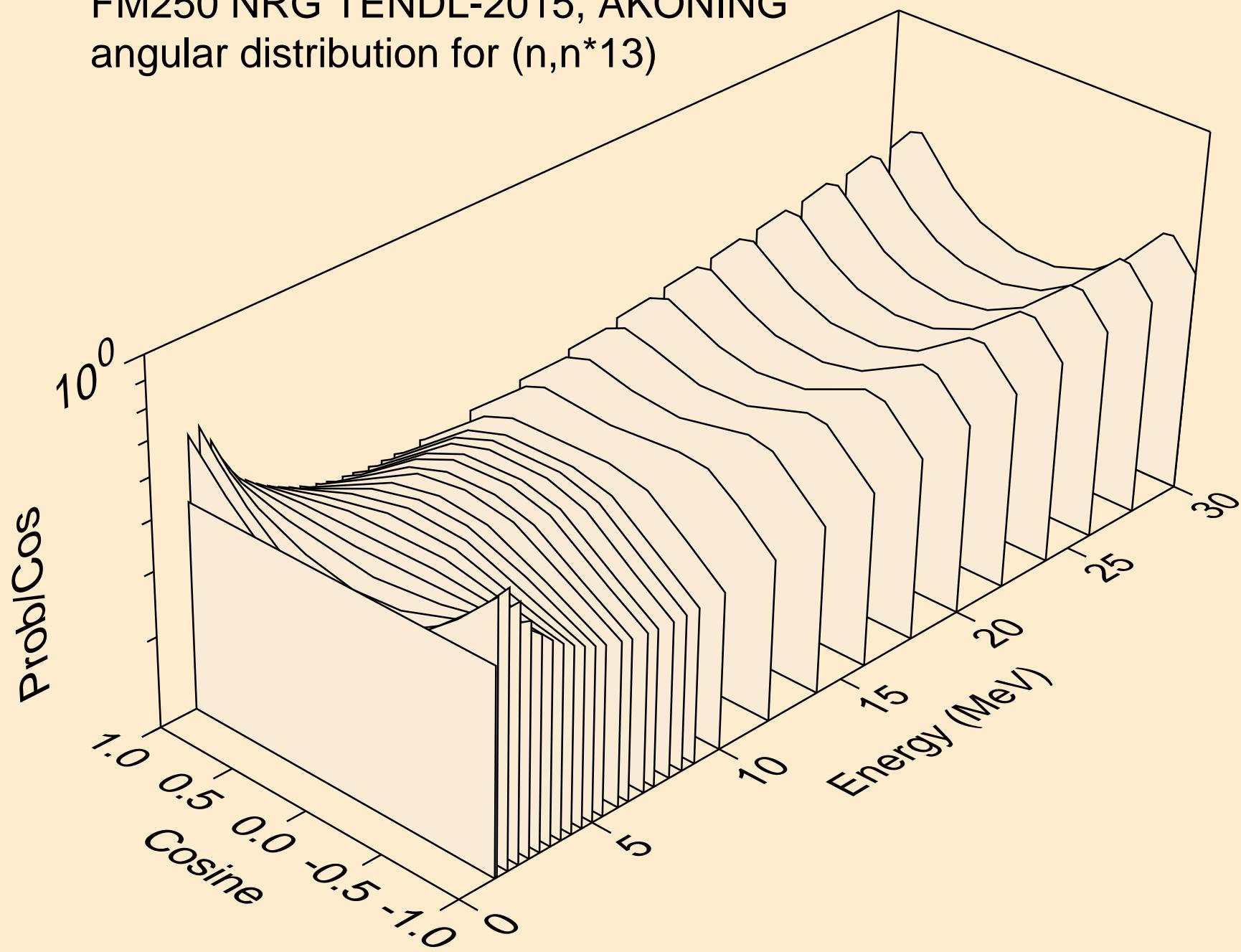
FM250 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



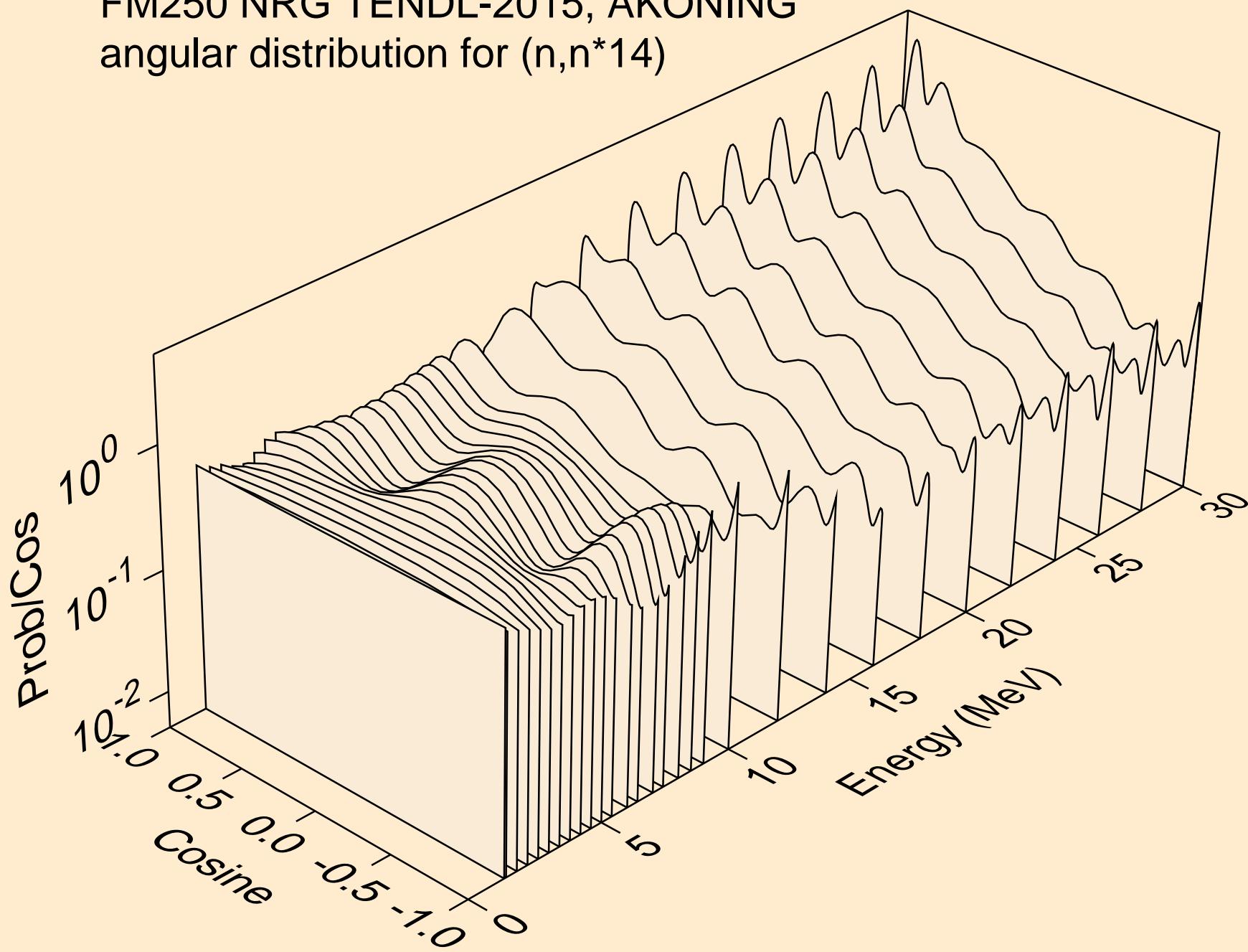
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angular distribution for  $(n,n^*12)$



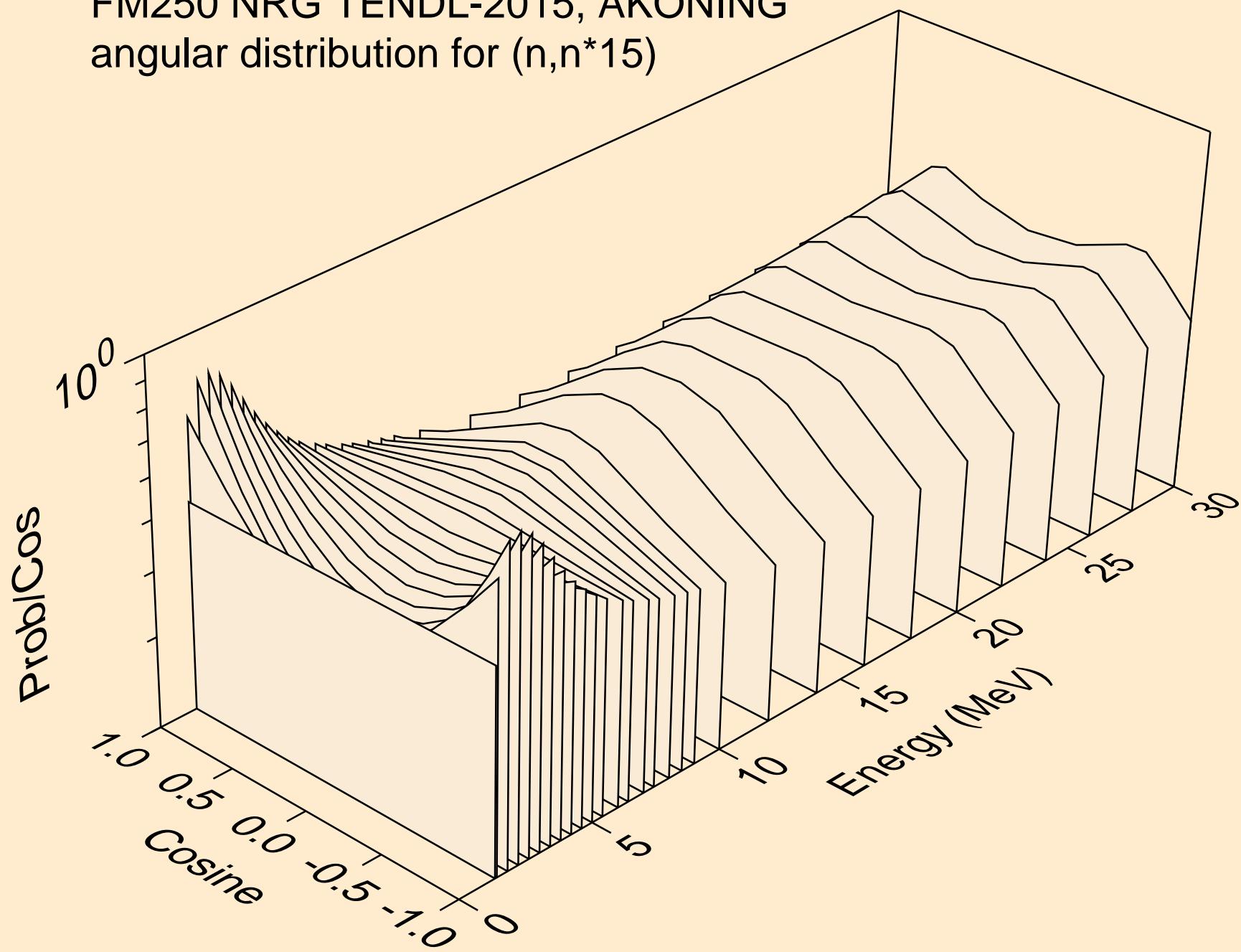
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angular distribution for (n,n\*13)



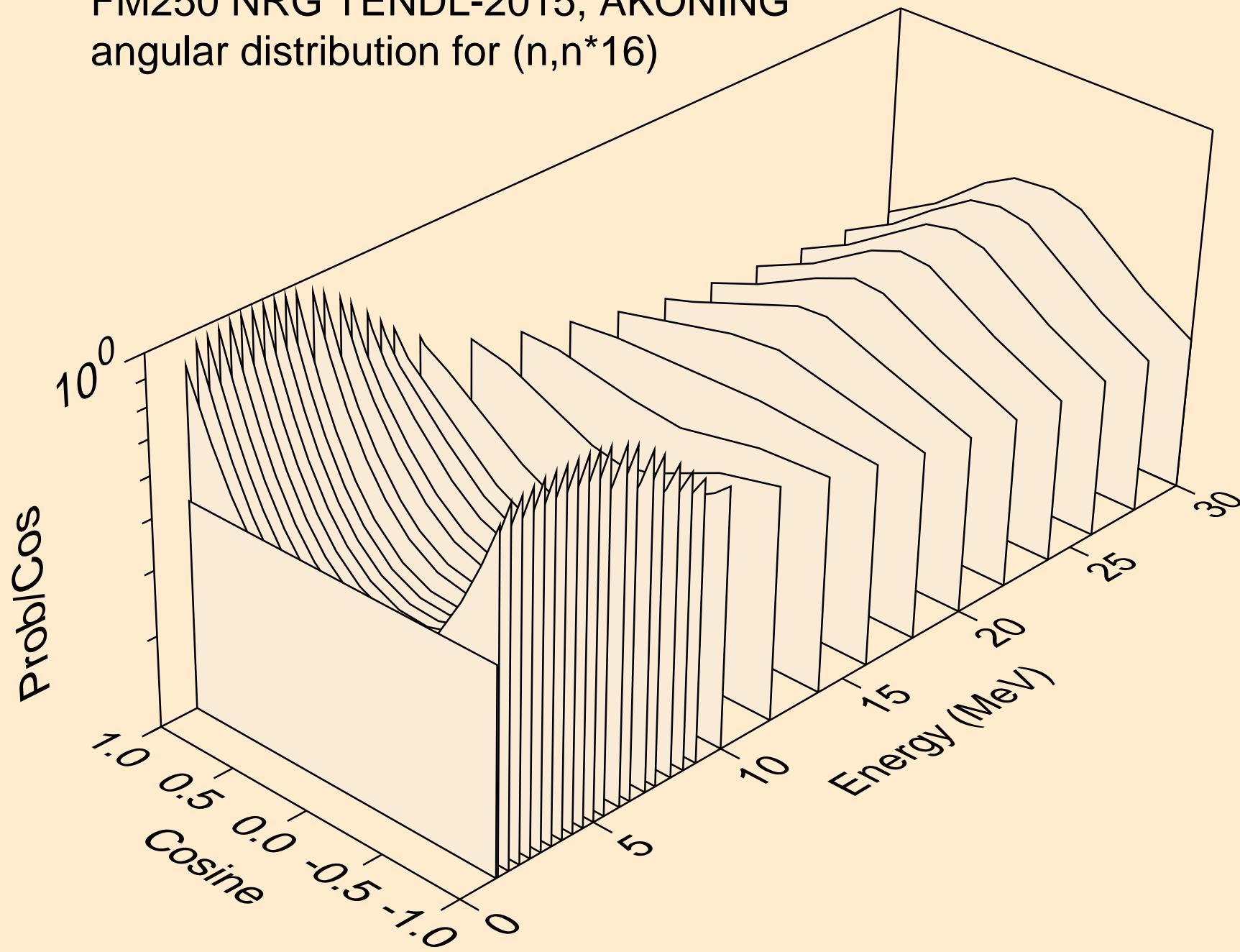
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angular distribution for (n,n\*14)



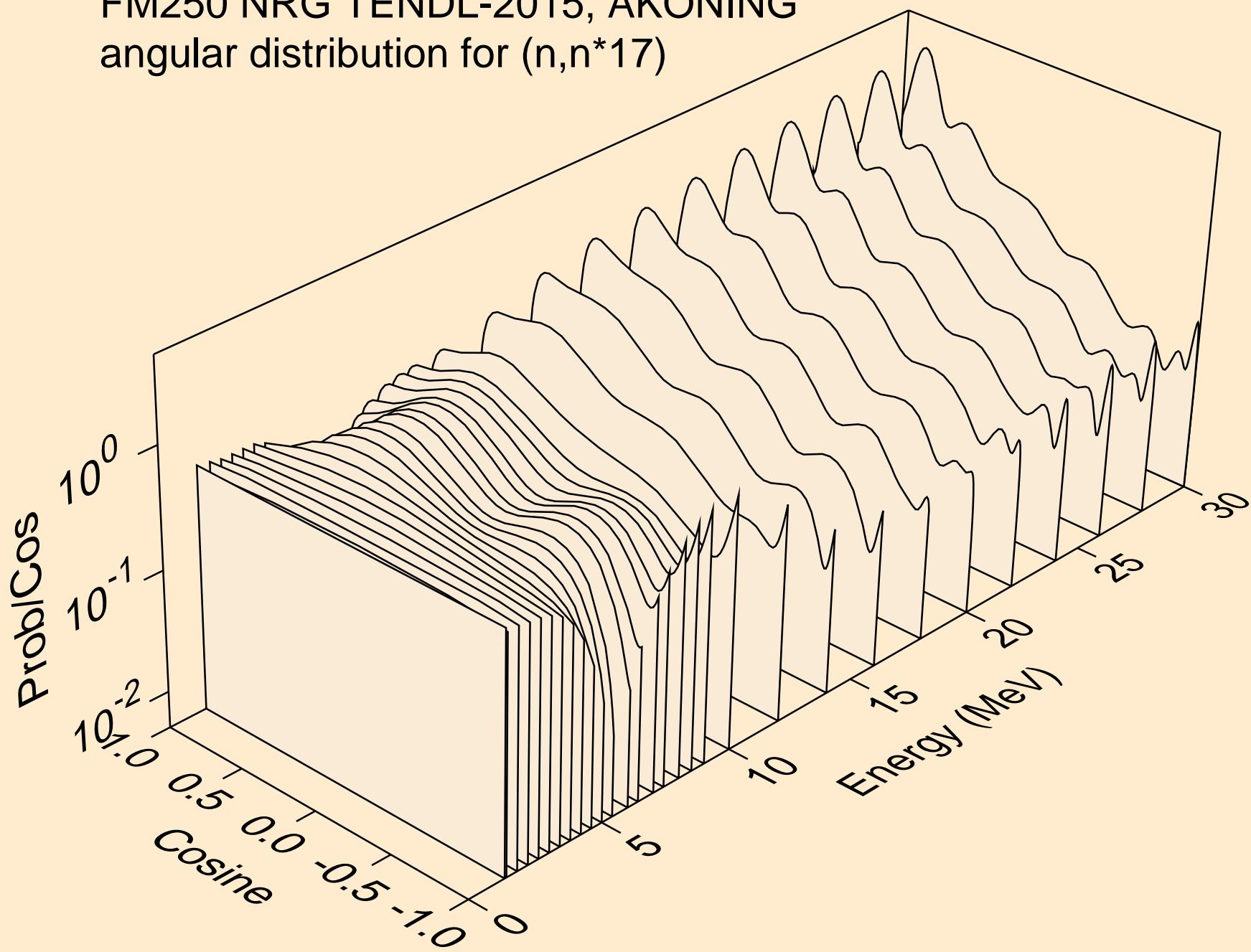
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*15)$



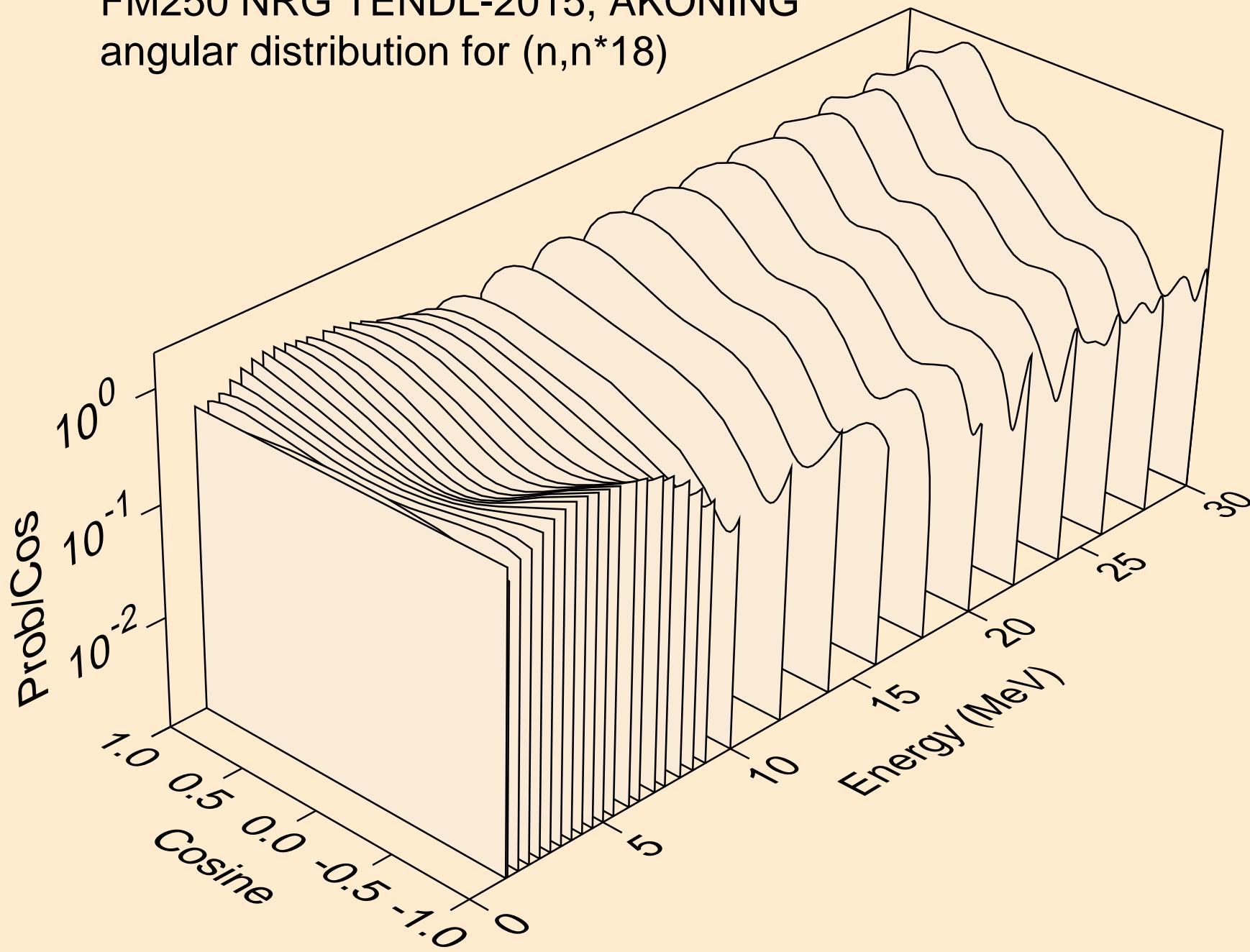
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angular distribution for (n,n\*16)



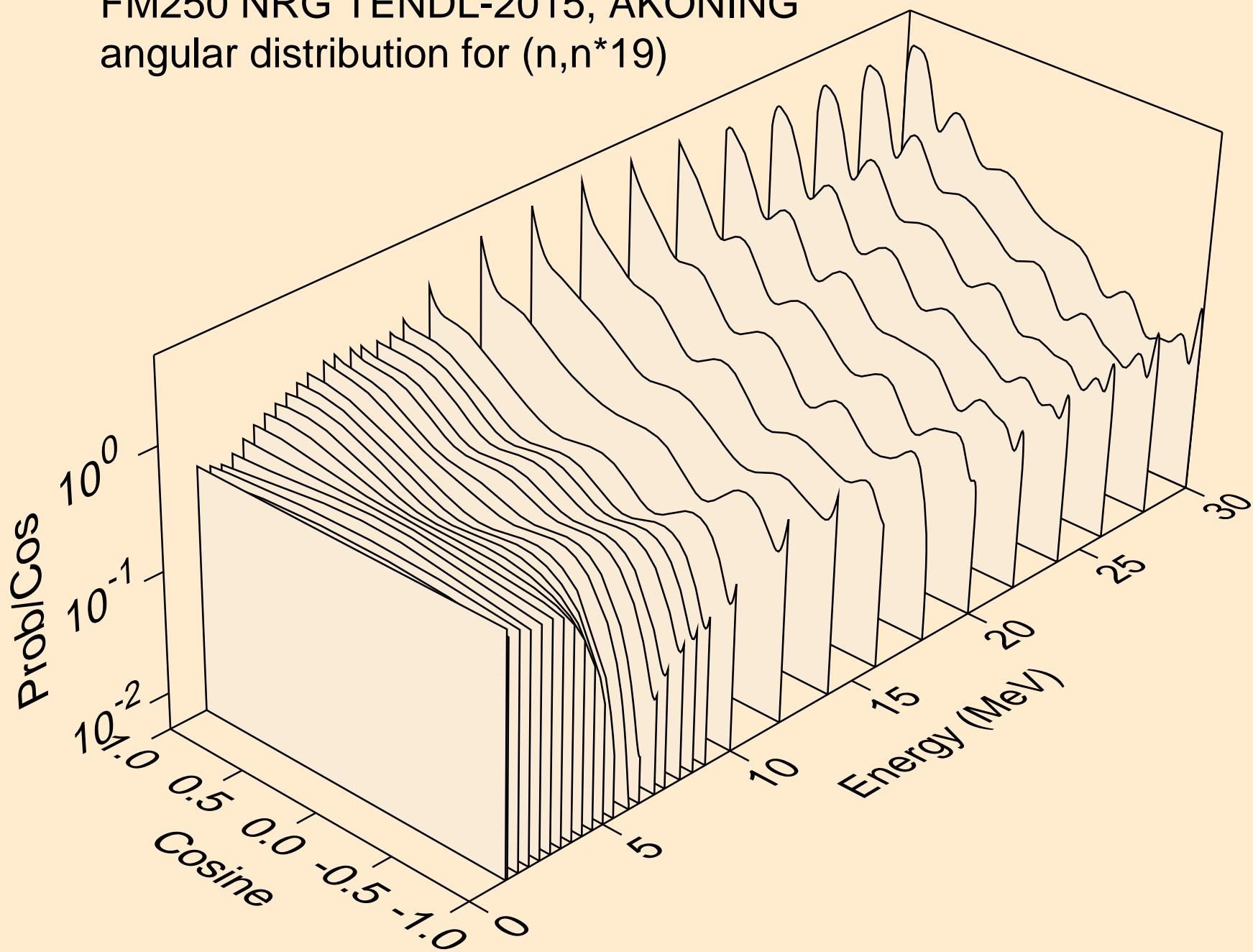
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*17)$



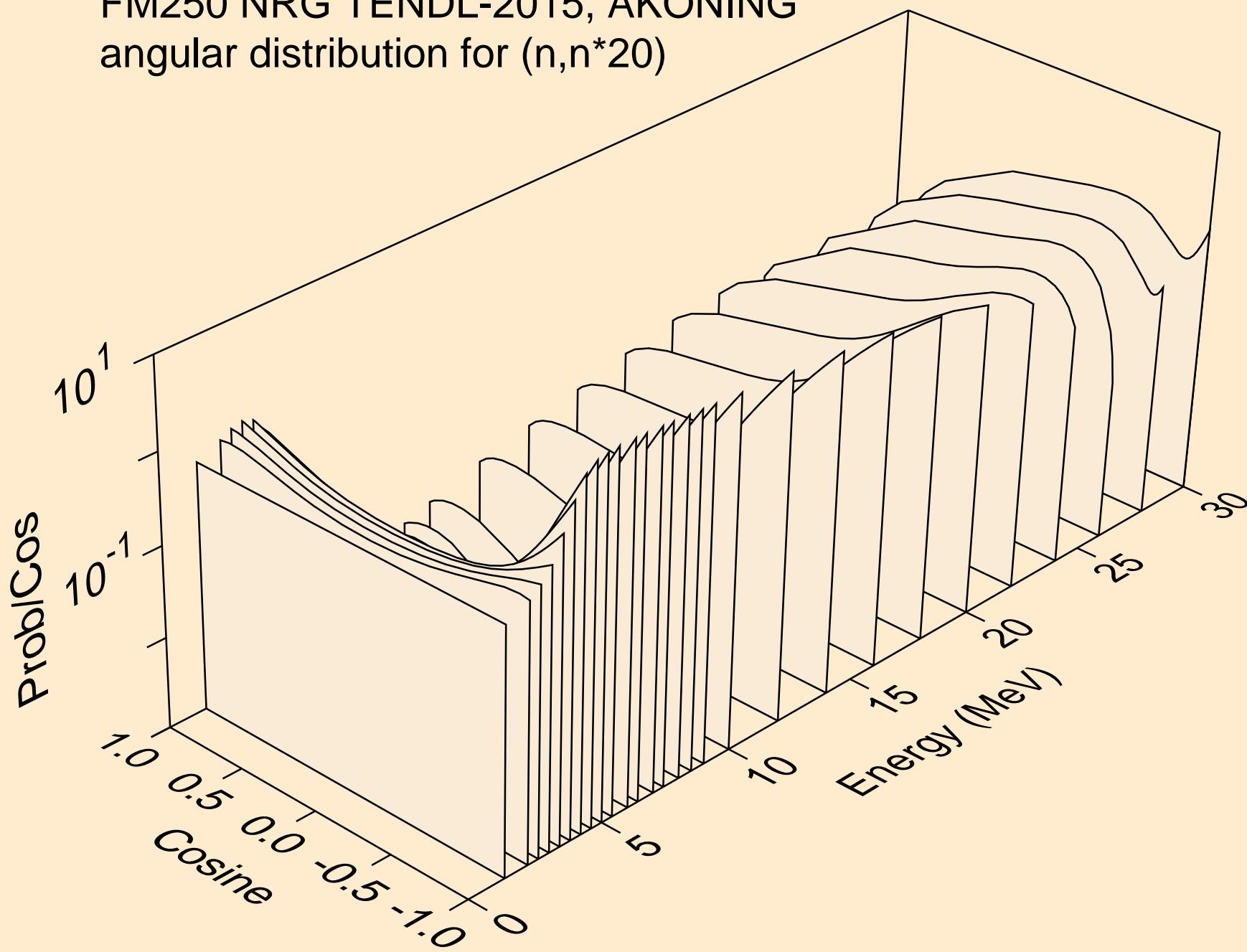
FM250 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



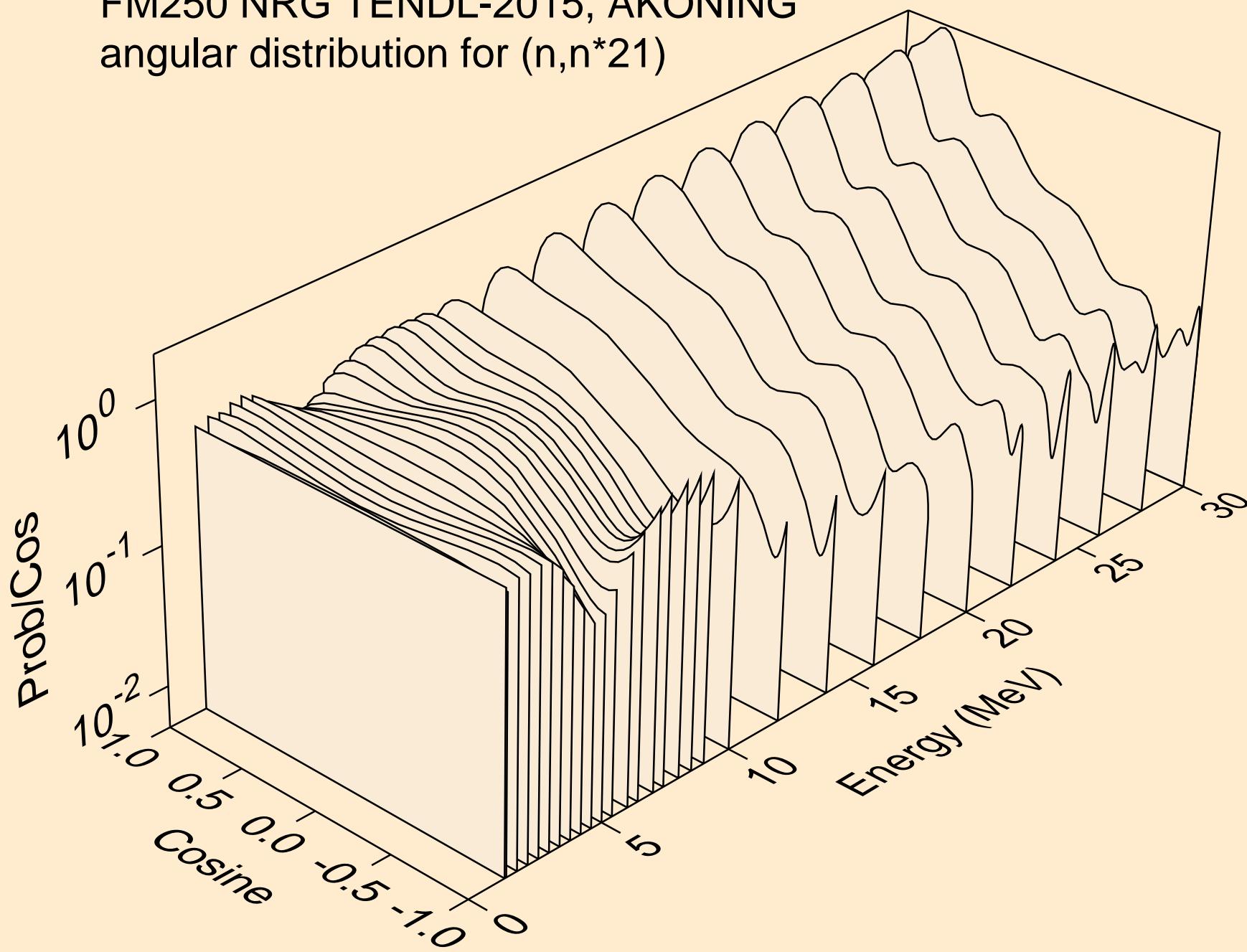
FM250 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



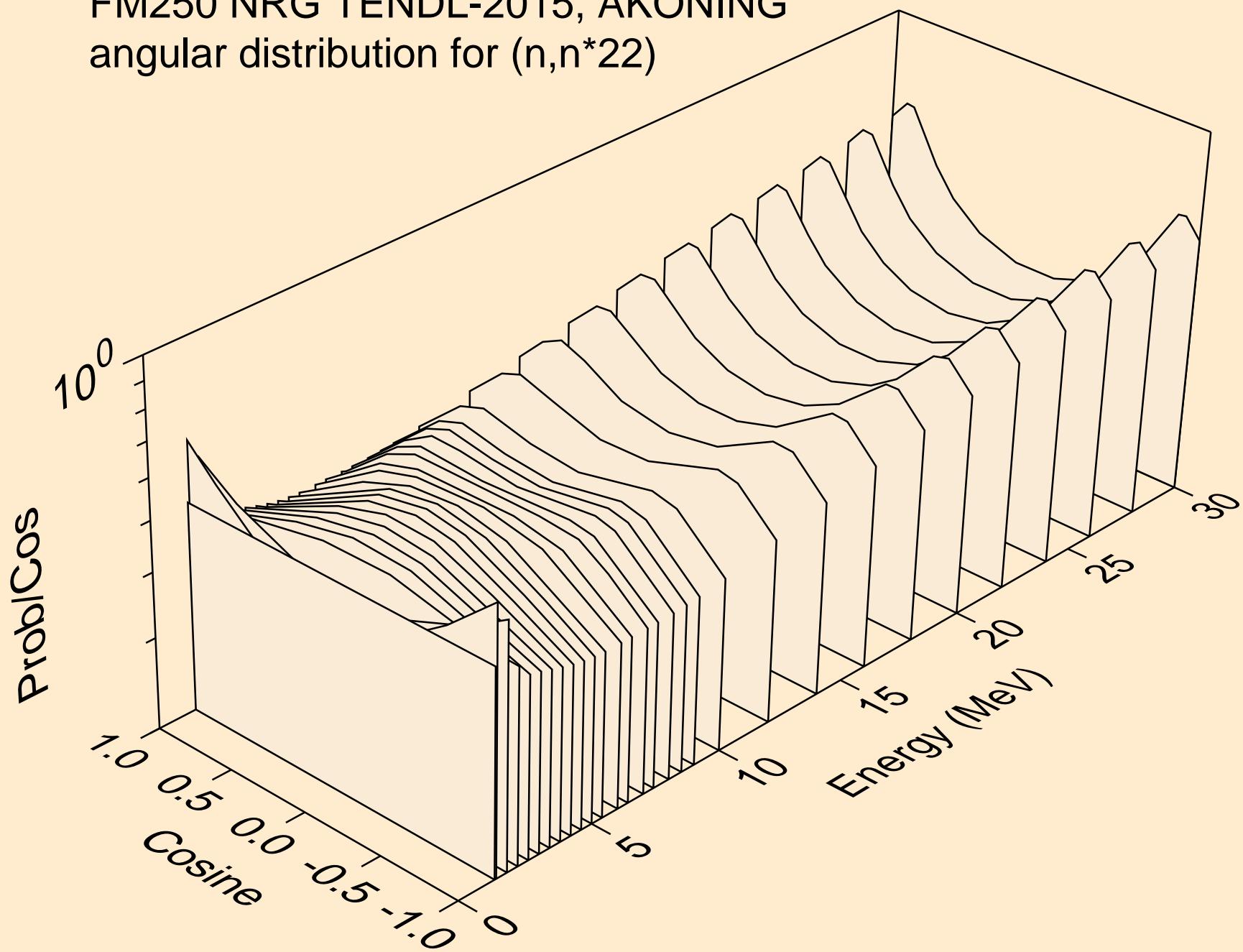
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)20$



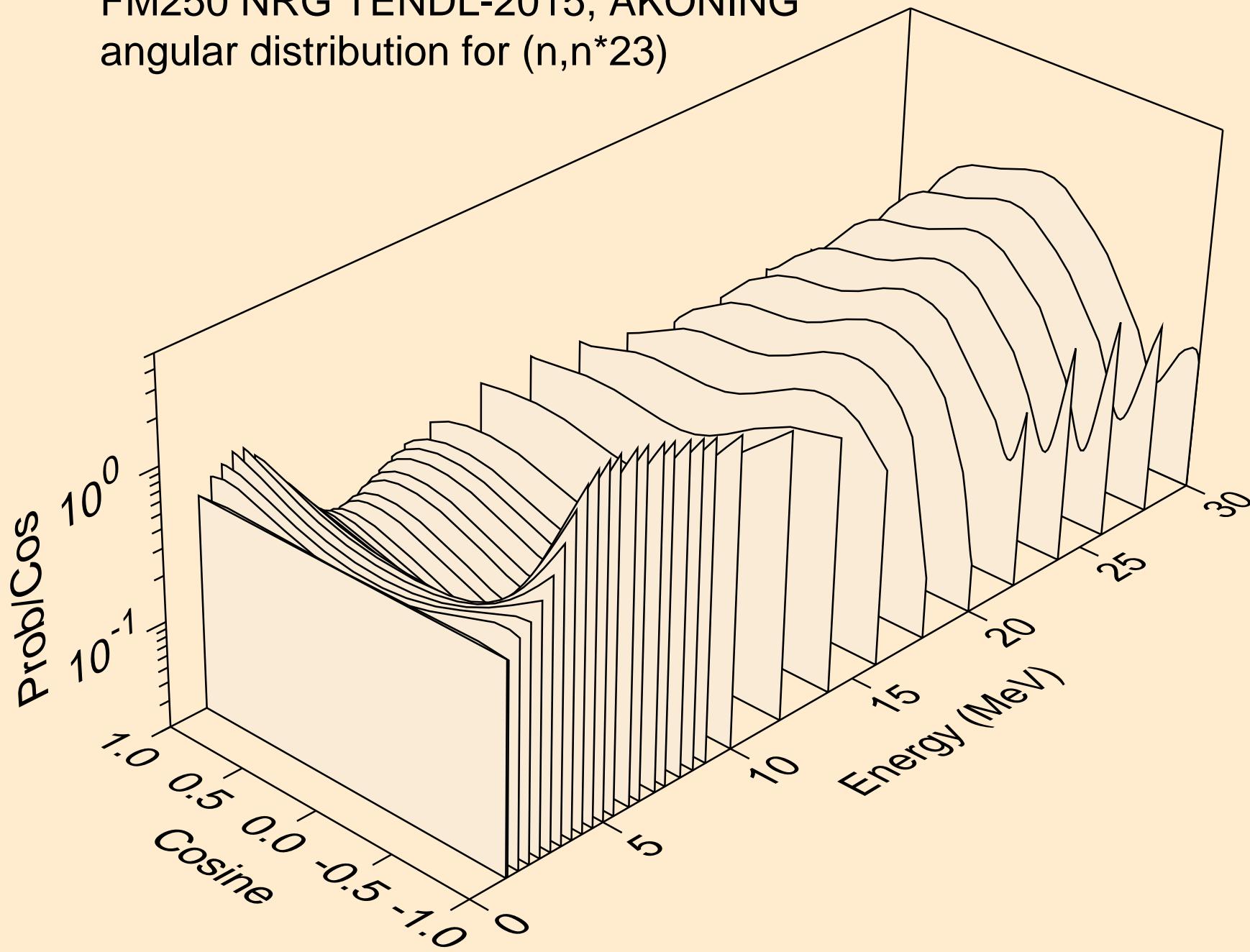
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*21)$



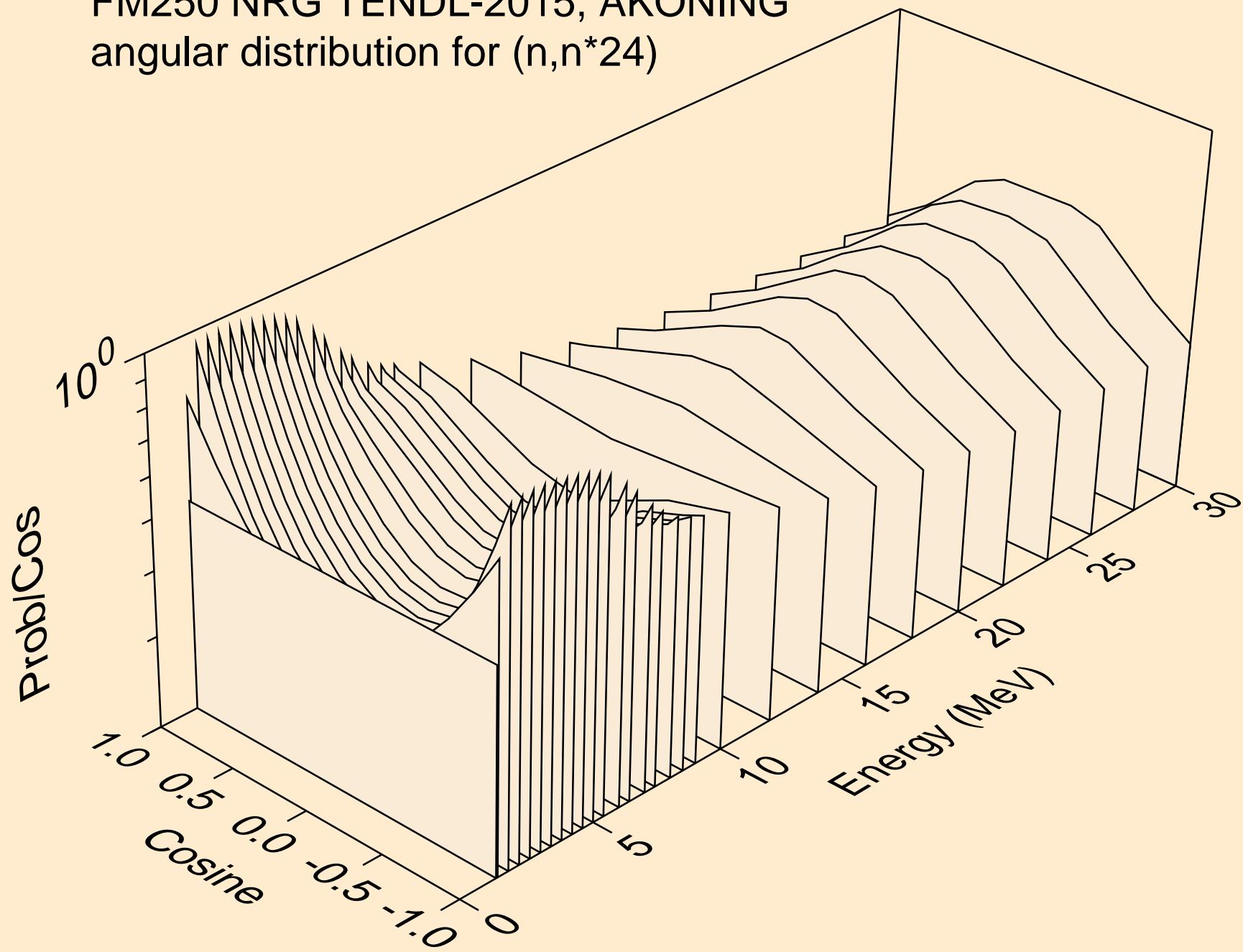
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{22}$



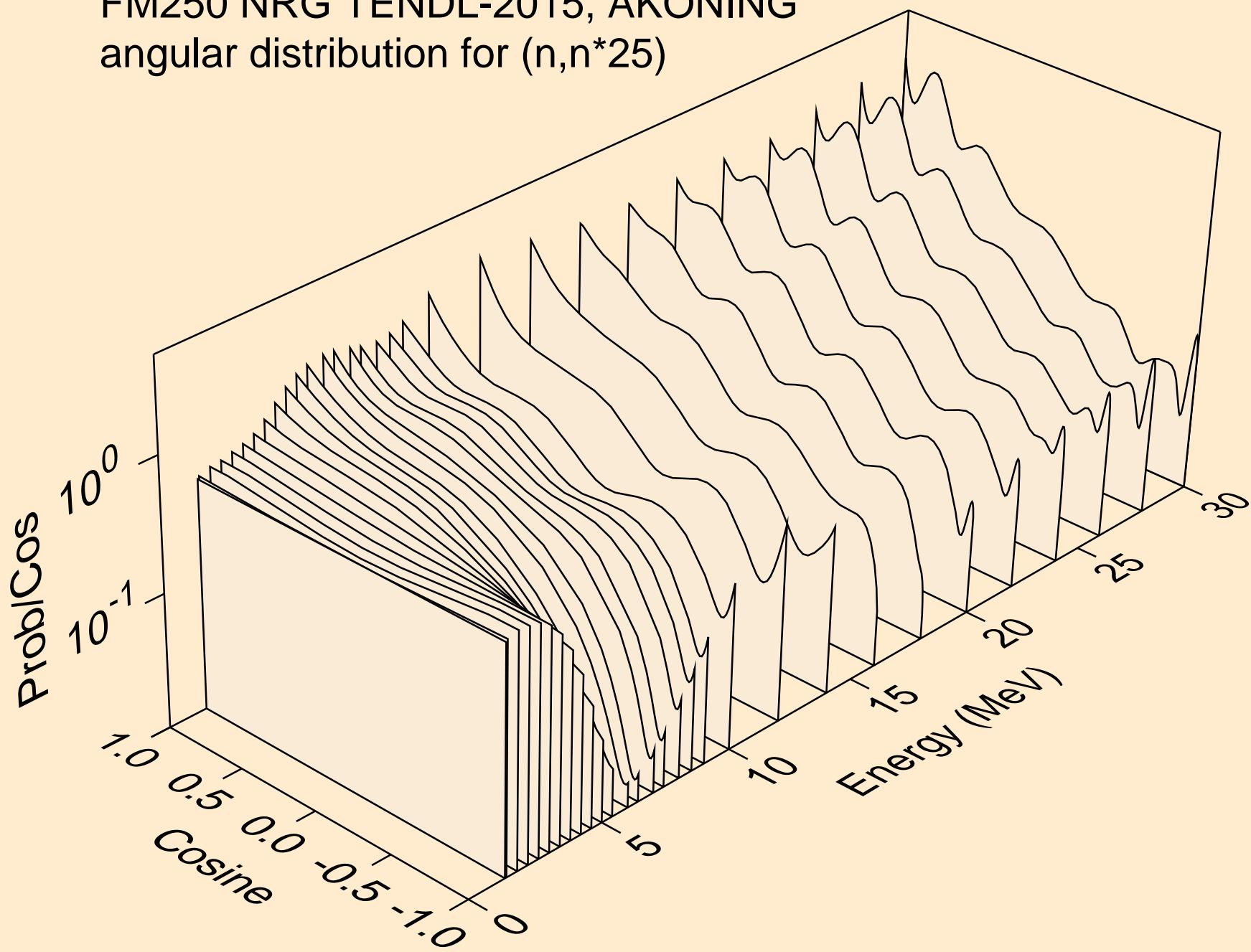
FM250 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )23



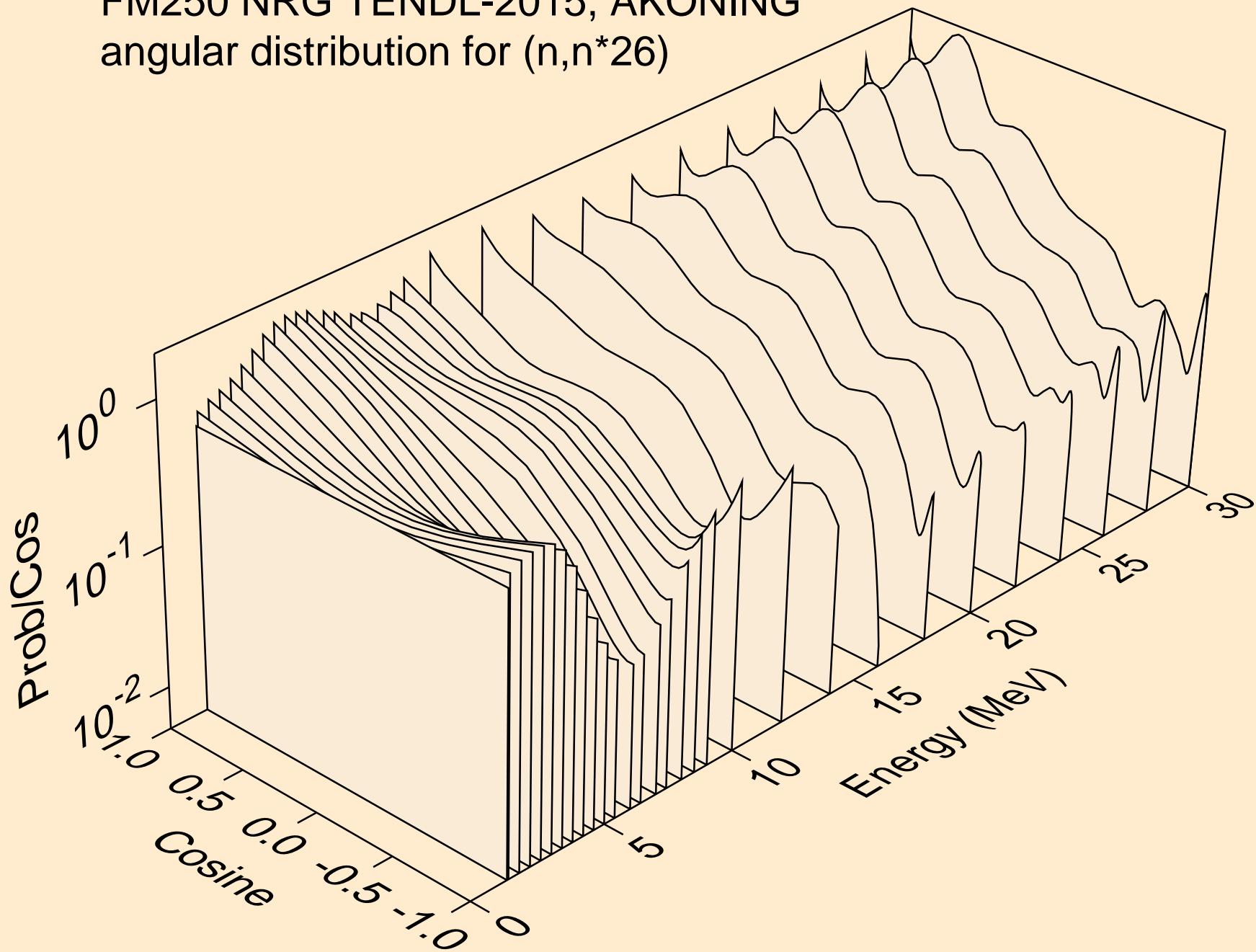
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angular distribution for  $(n,n^*)_{24}$



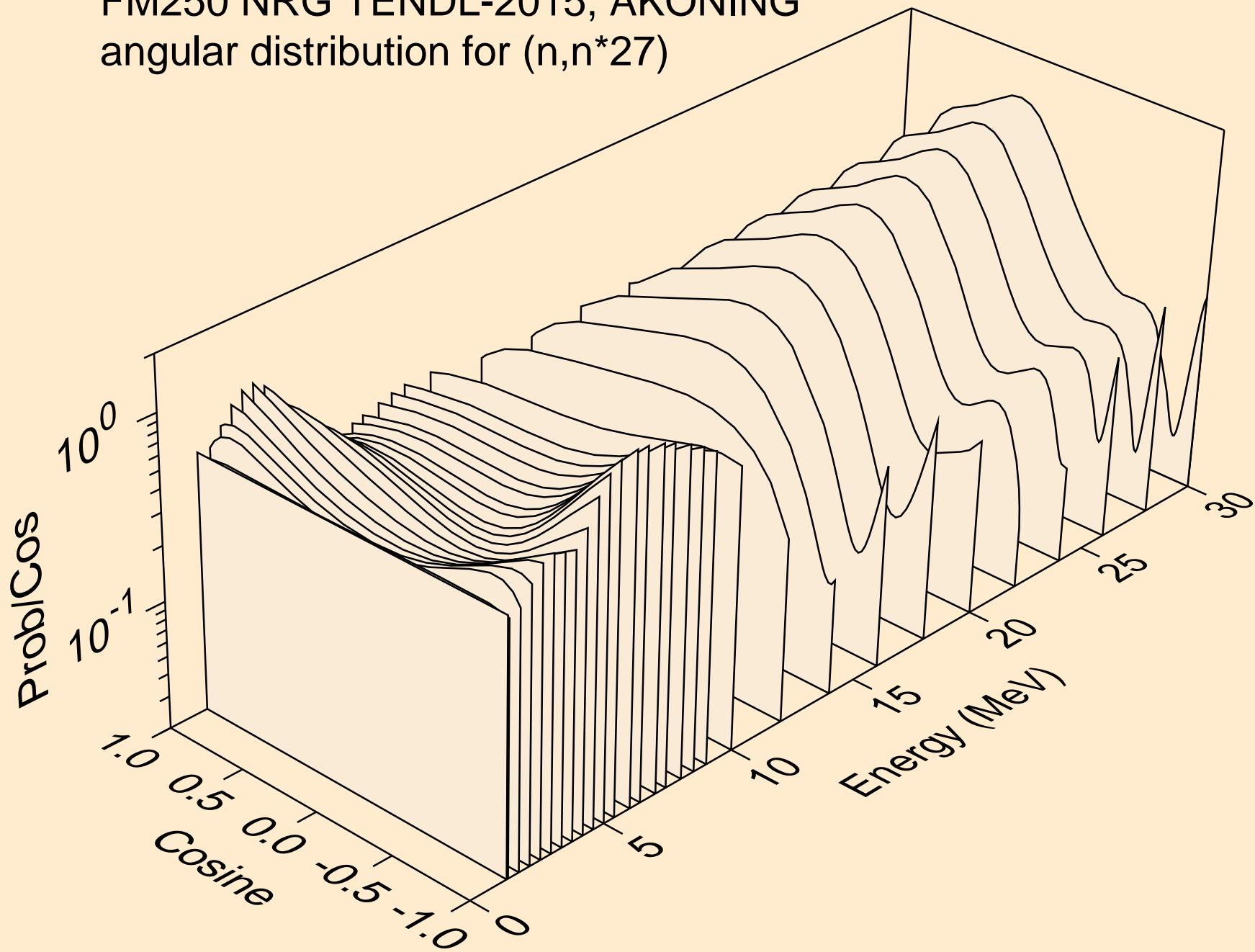
FM250 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



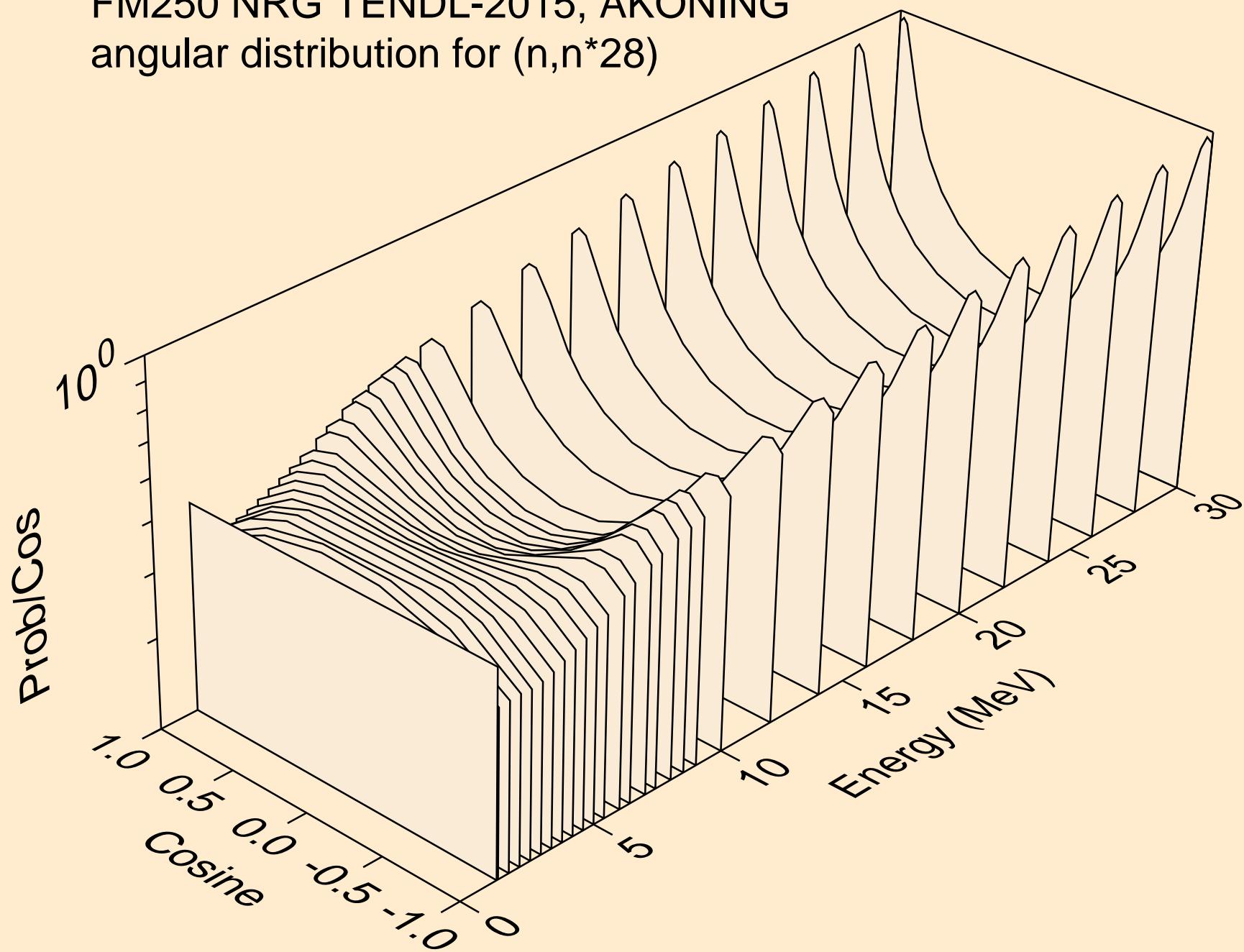
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{26}$



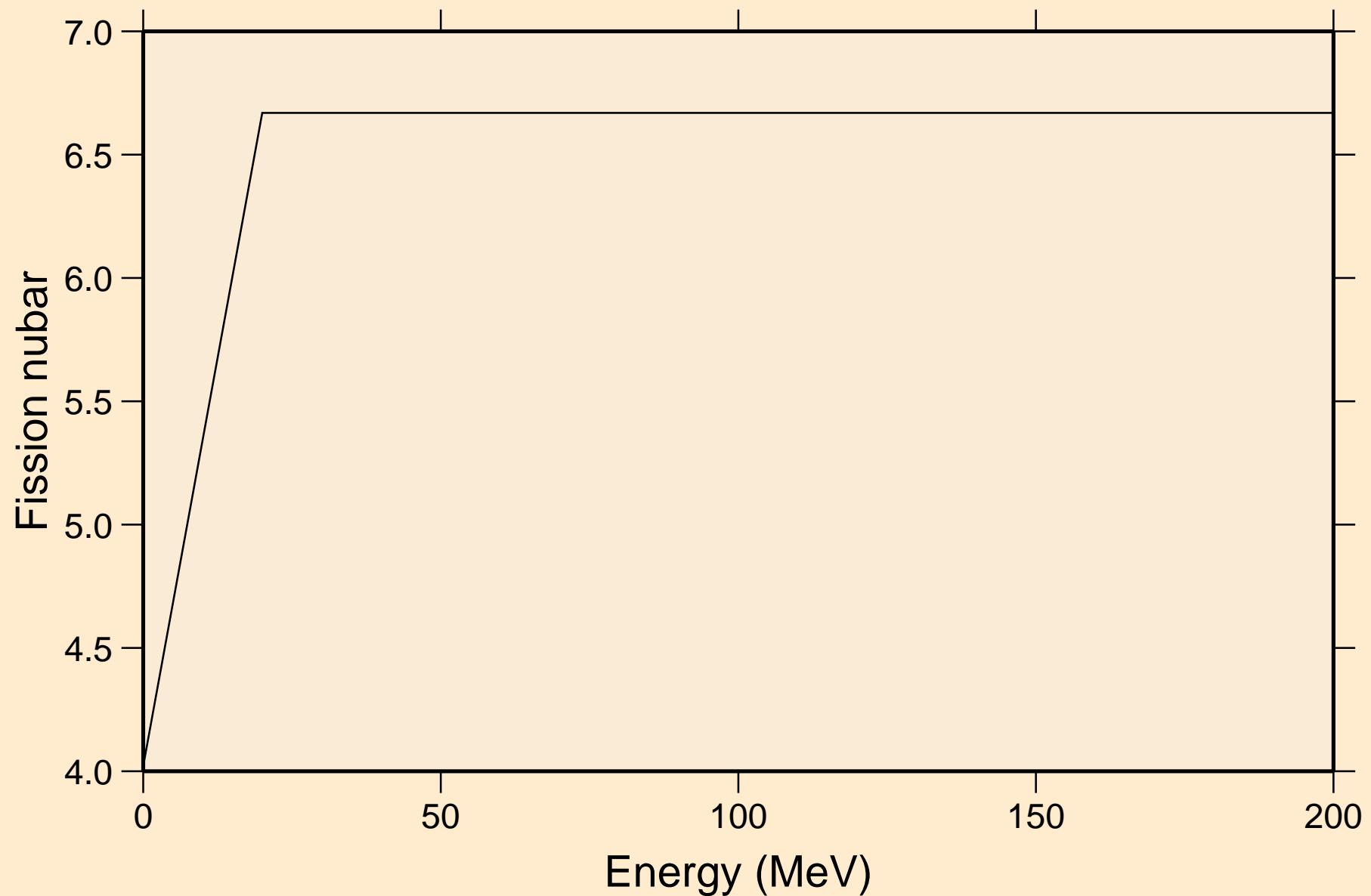
FM250 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{27}$



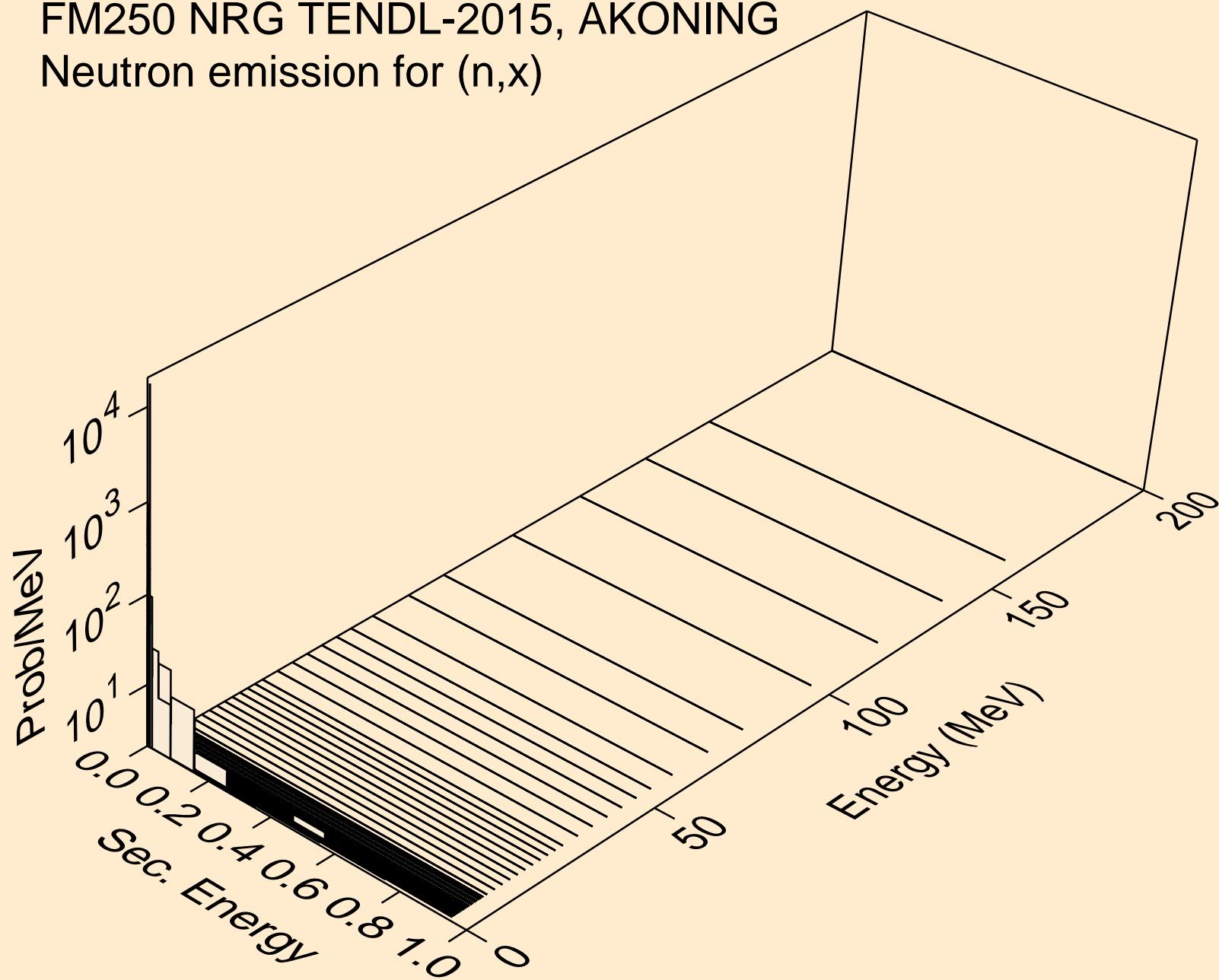
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angular distribution for  $(n,n^*)^{28}$



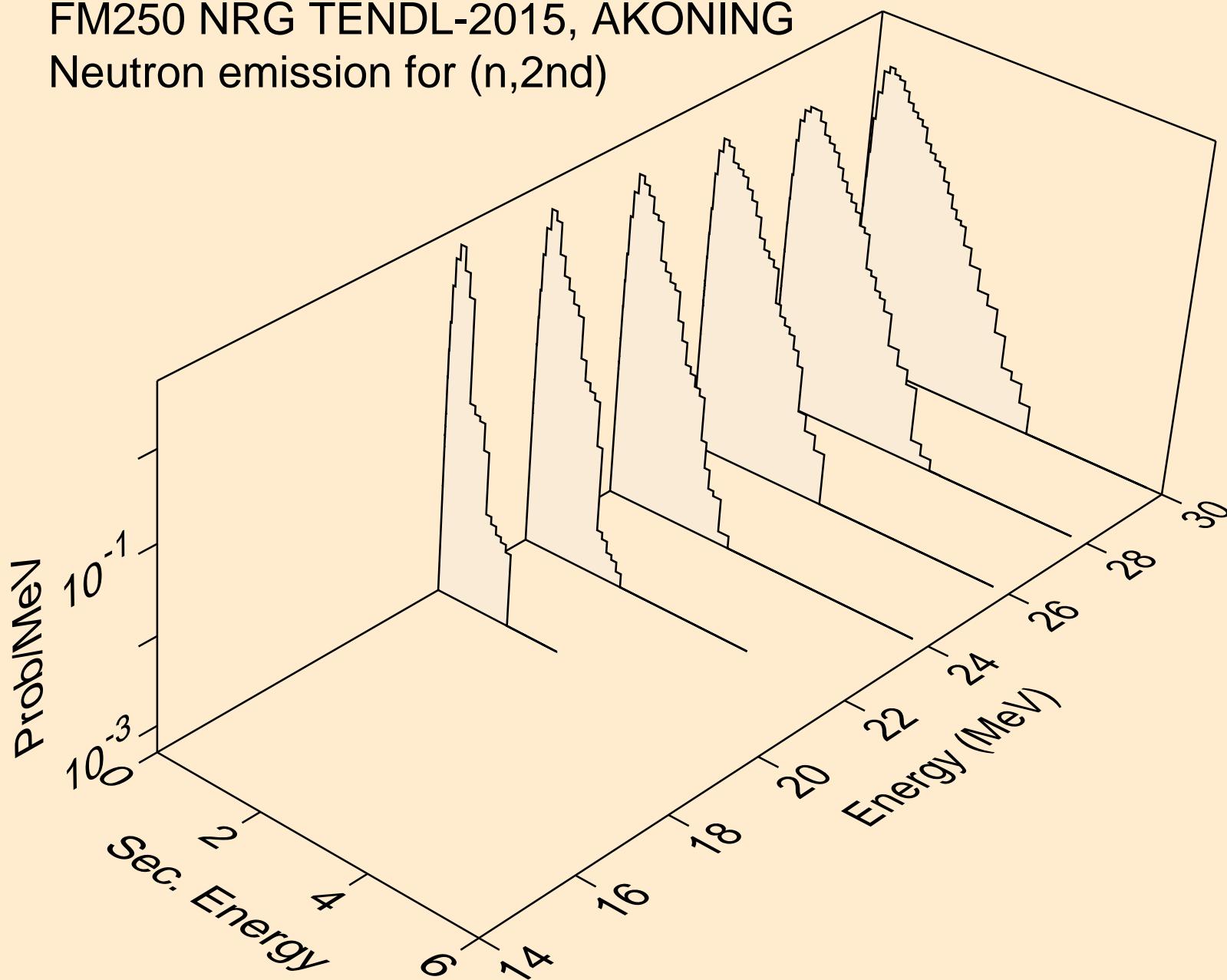
FM250 NRG TENDL-2015, AKONING  
Total fission nubar



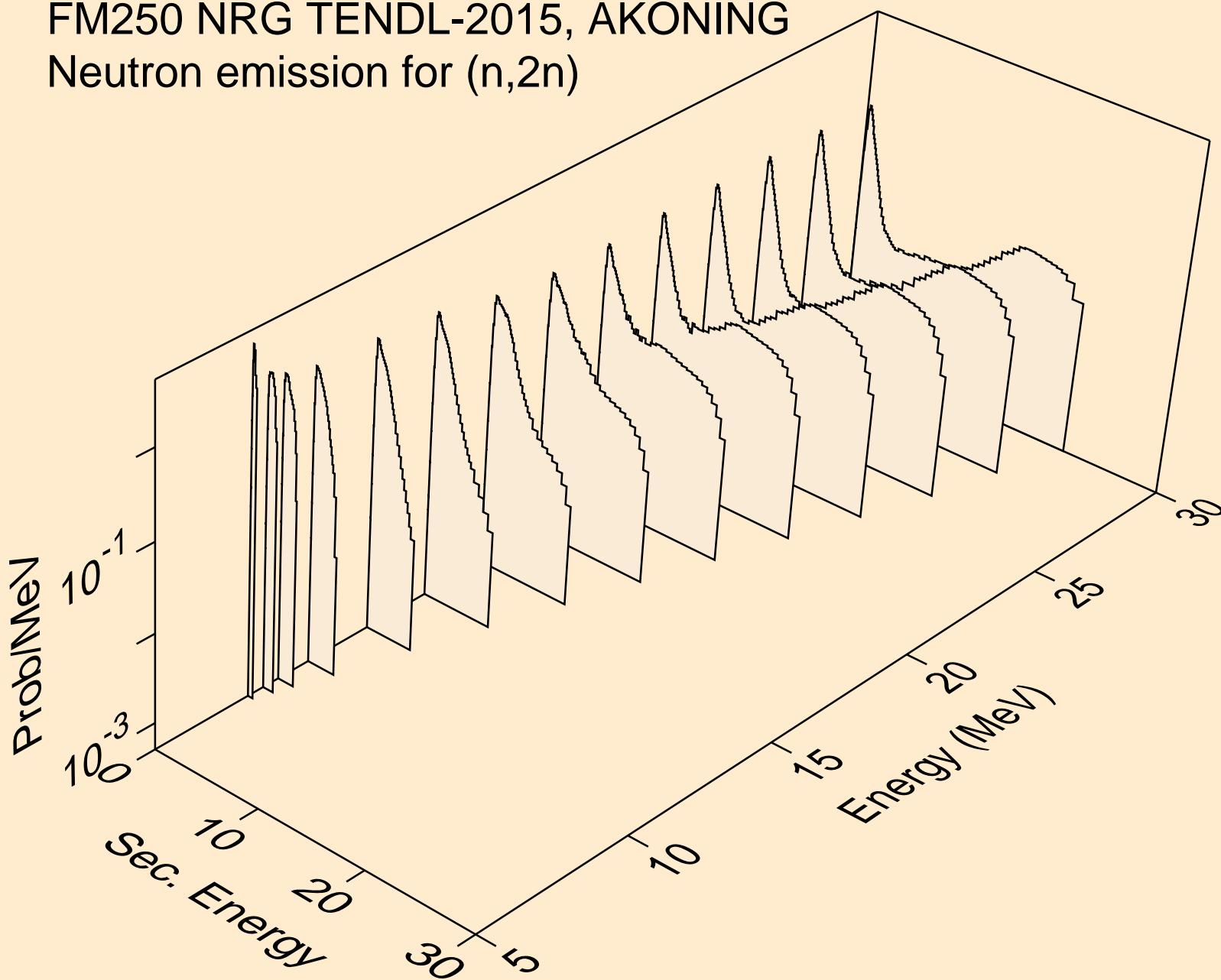
FM250 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



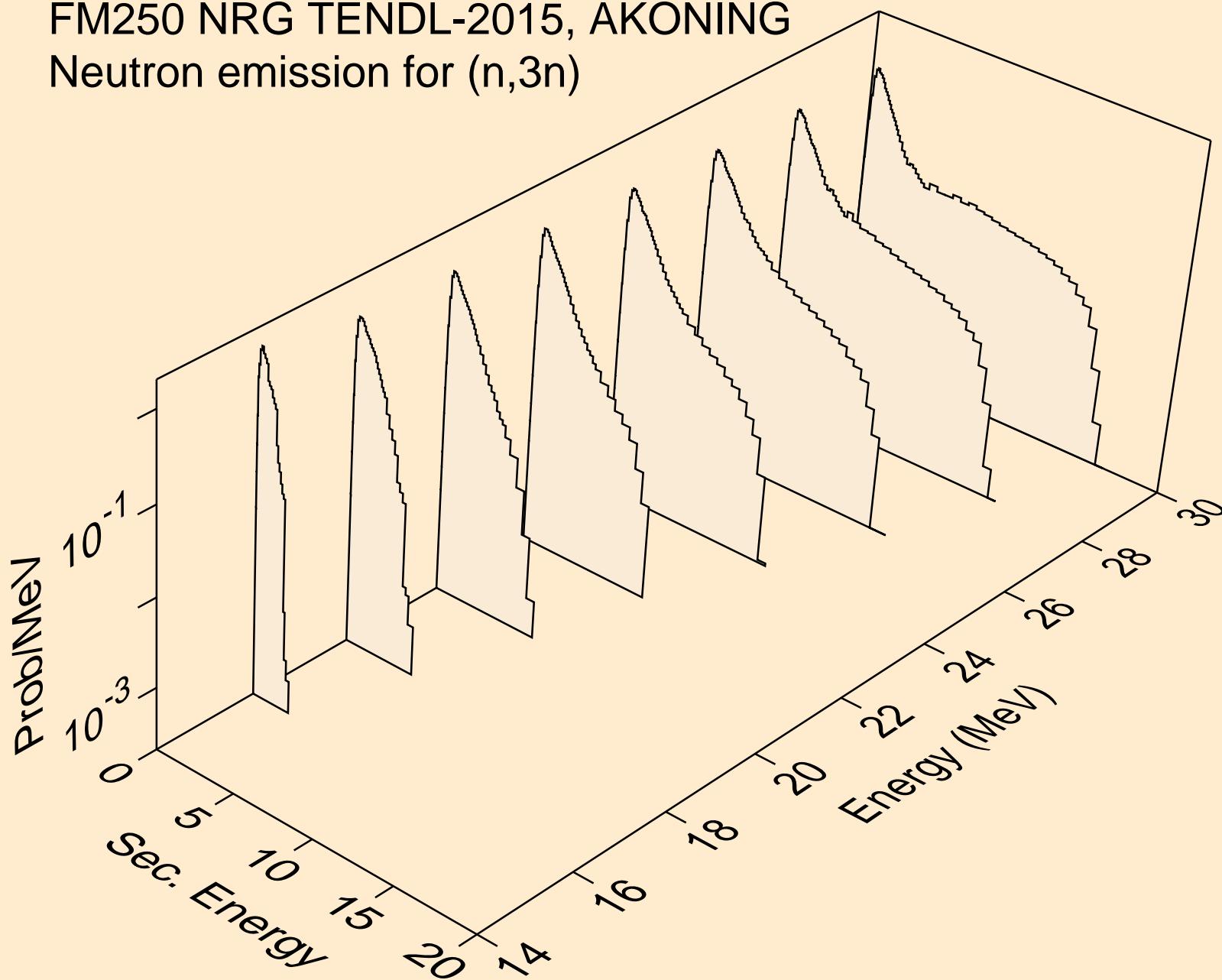
FM250 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



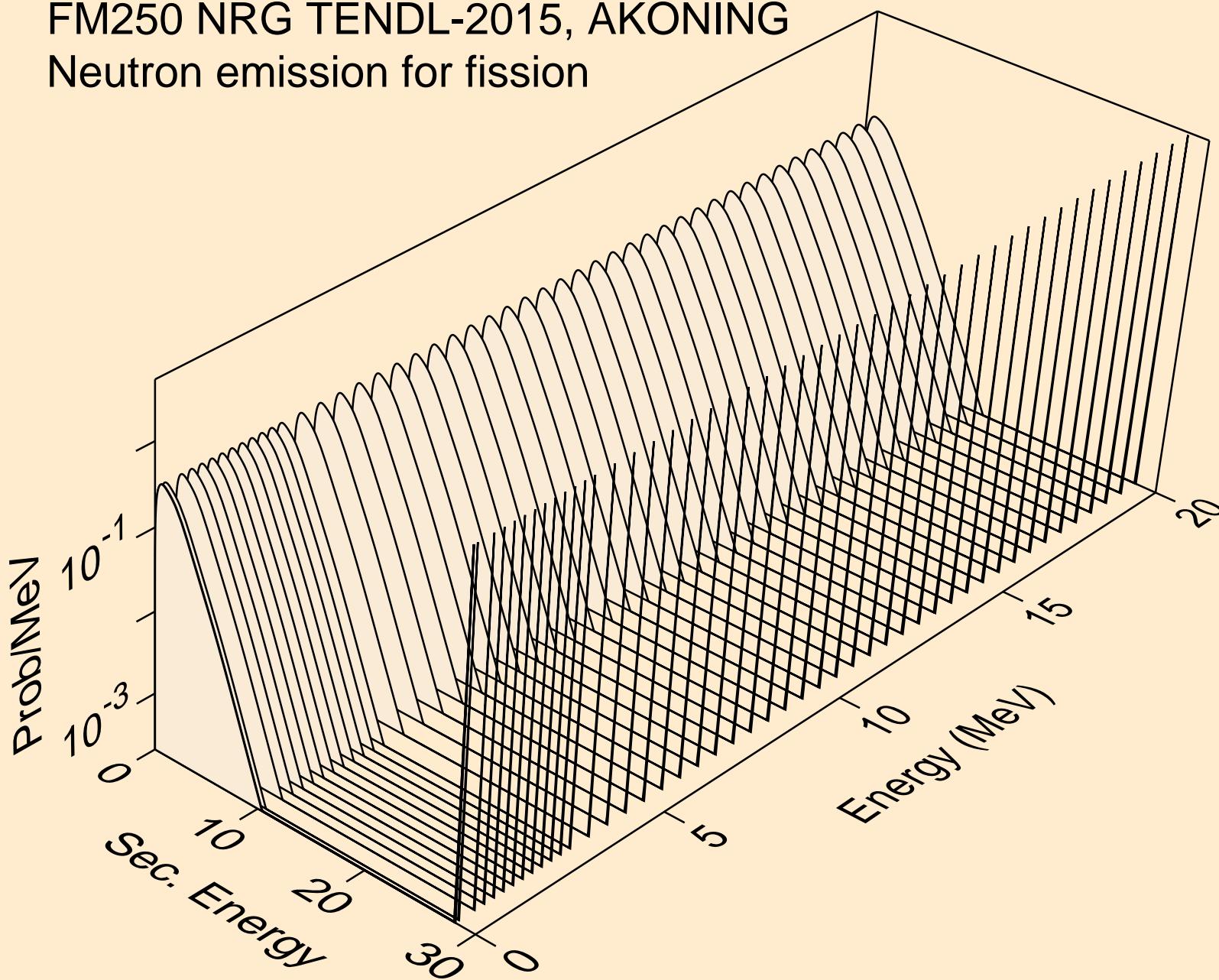
FM250 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



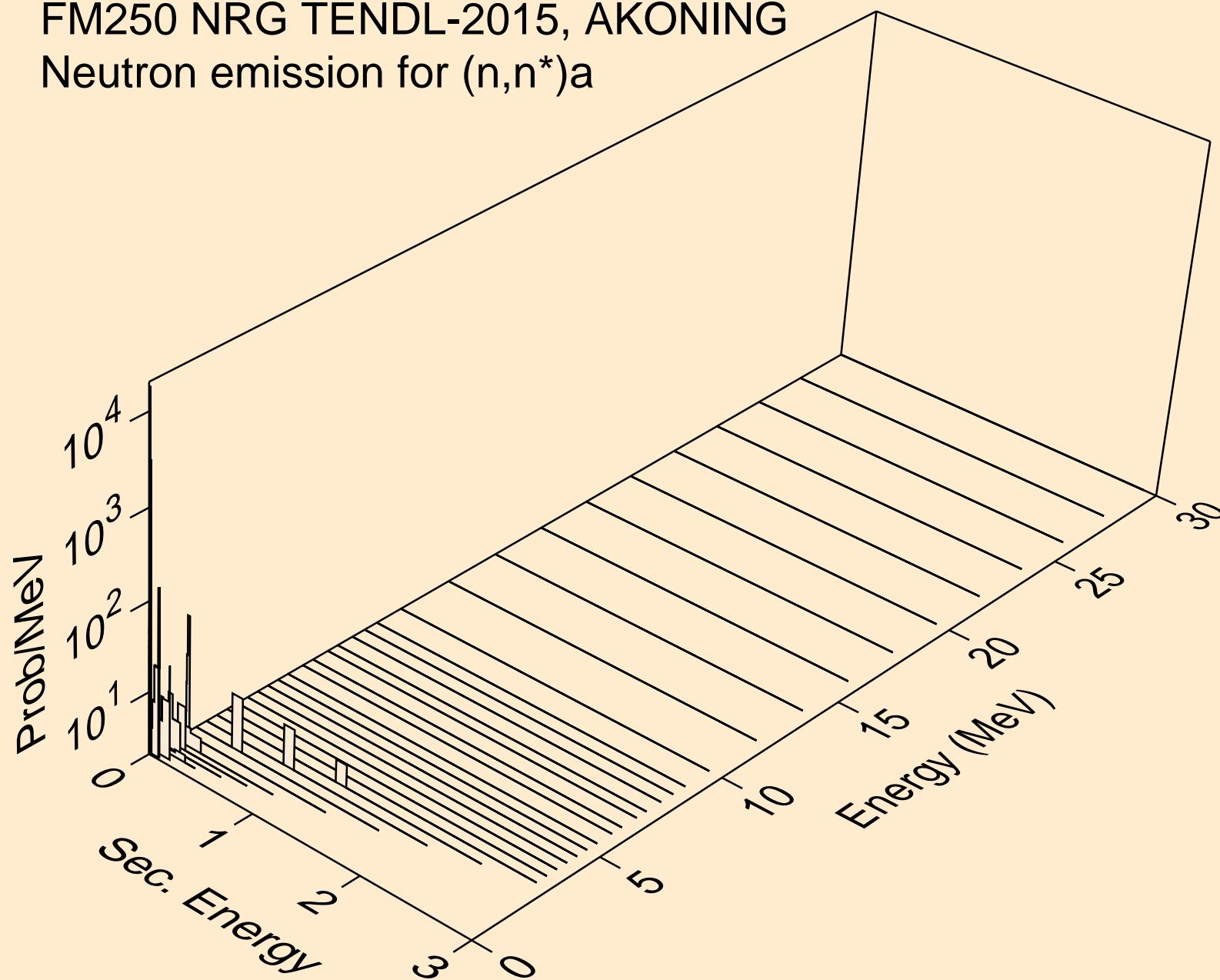
FM250 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



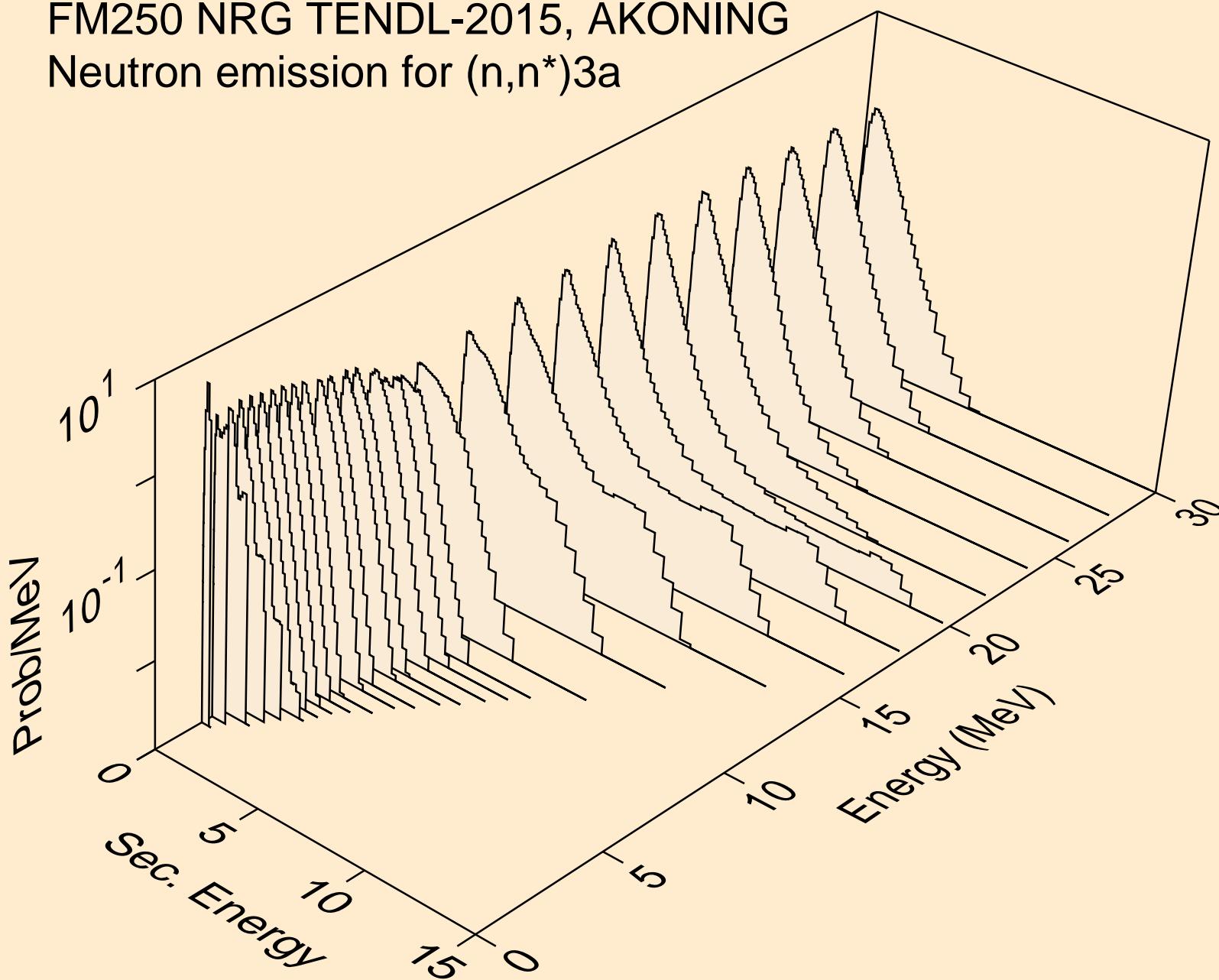
FM250 NRG TENDL-2015, AKONING  
Neutron emission for fission



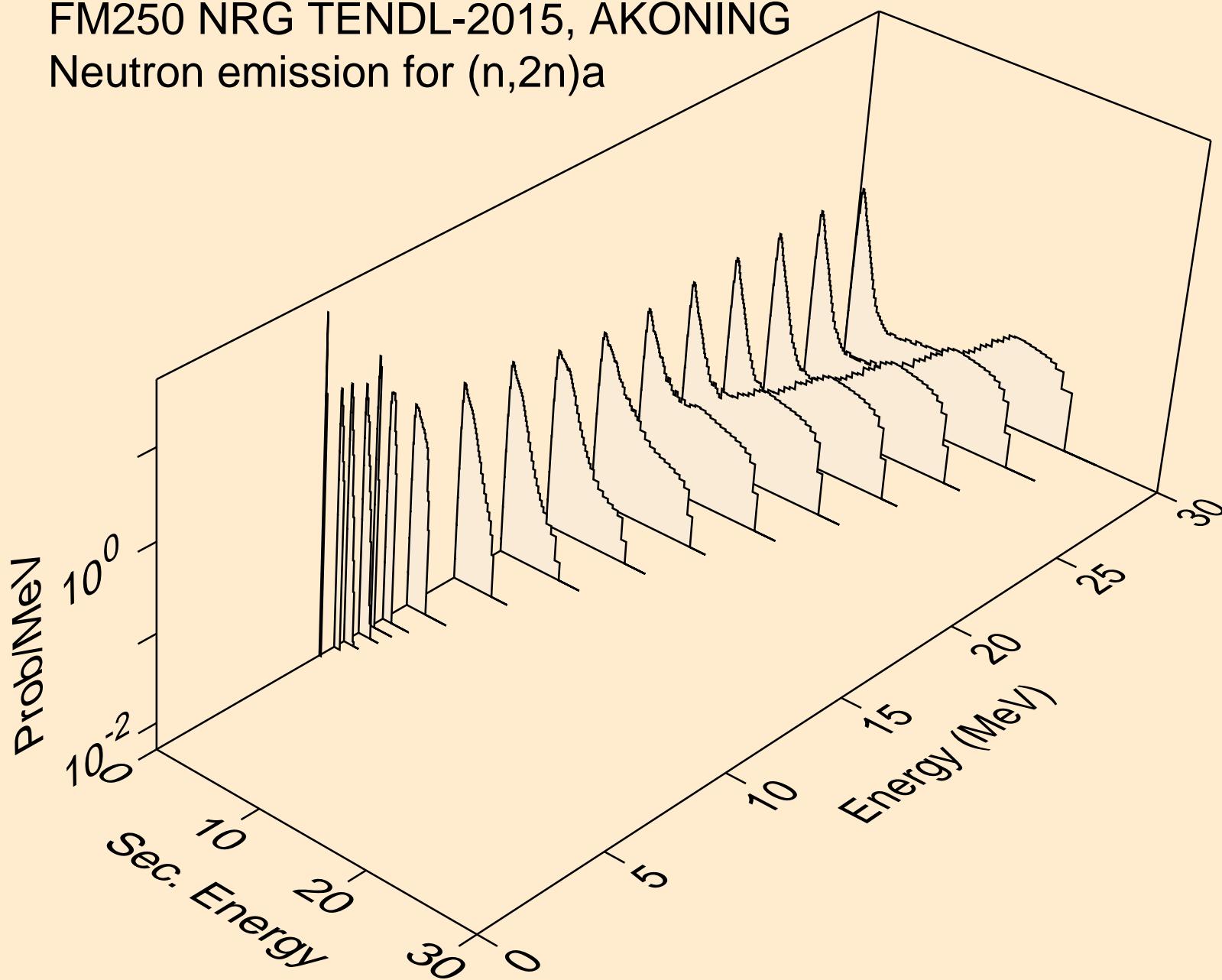
FM250 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



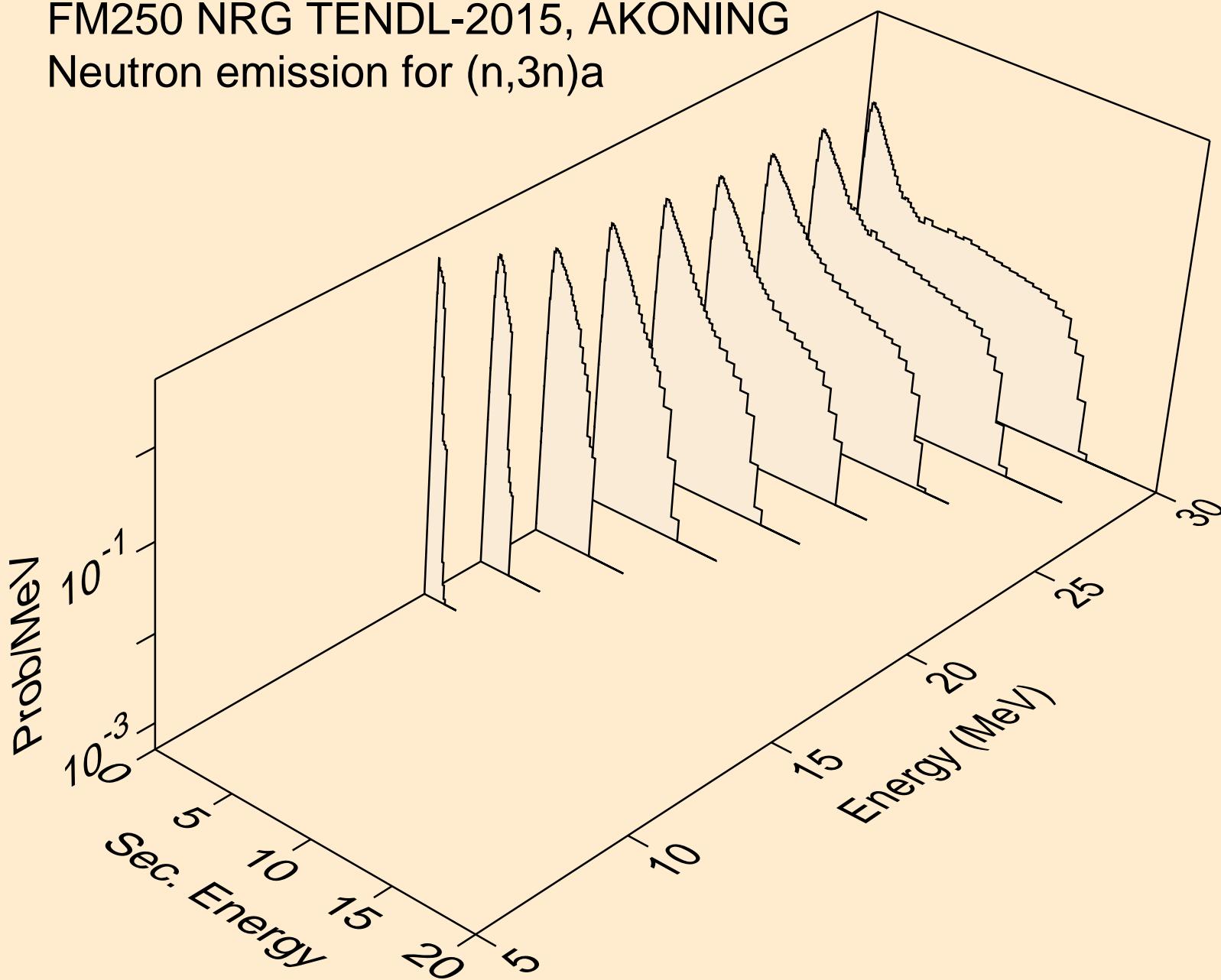
FM250 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)3a$



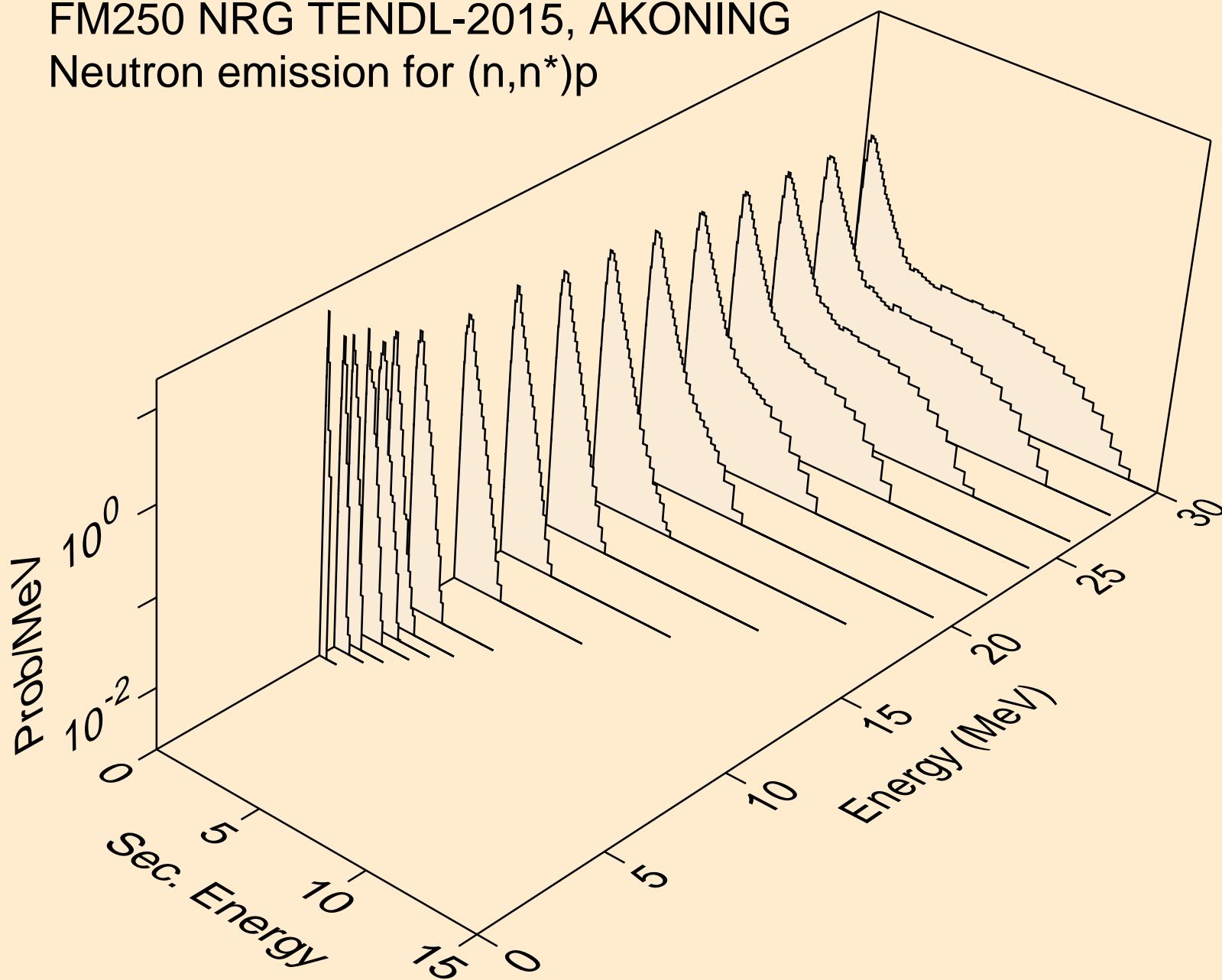
FM250 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



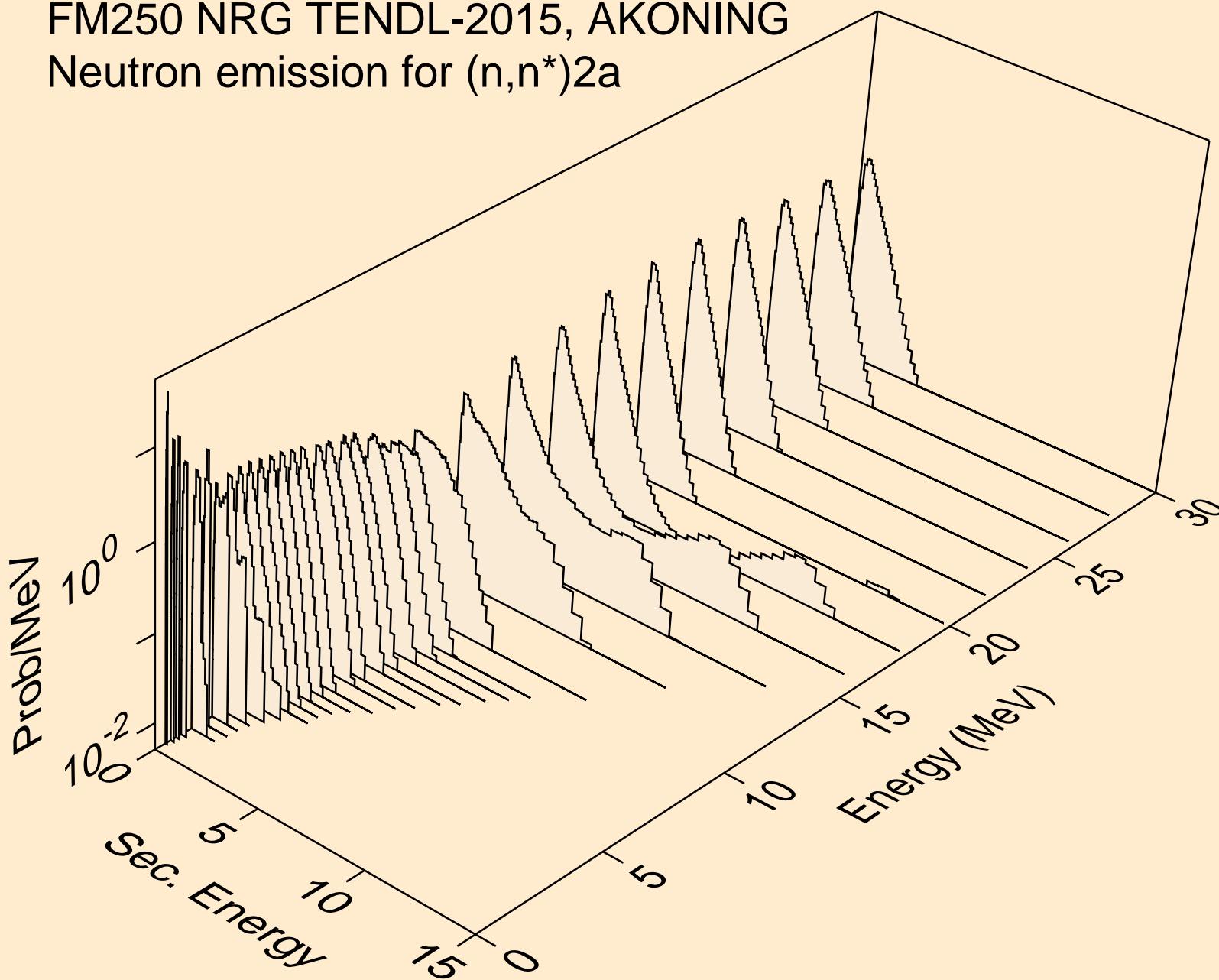
FM250 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



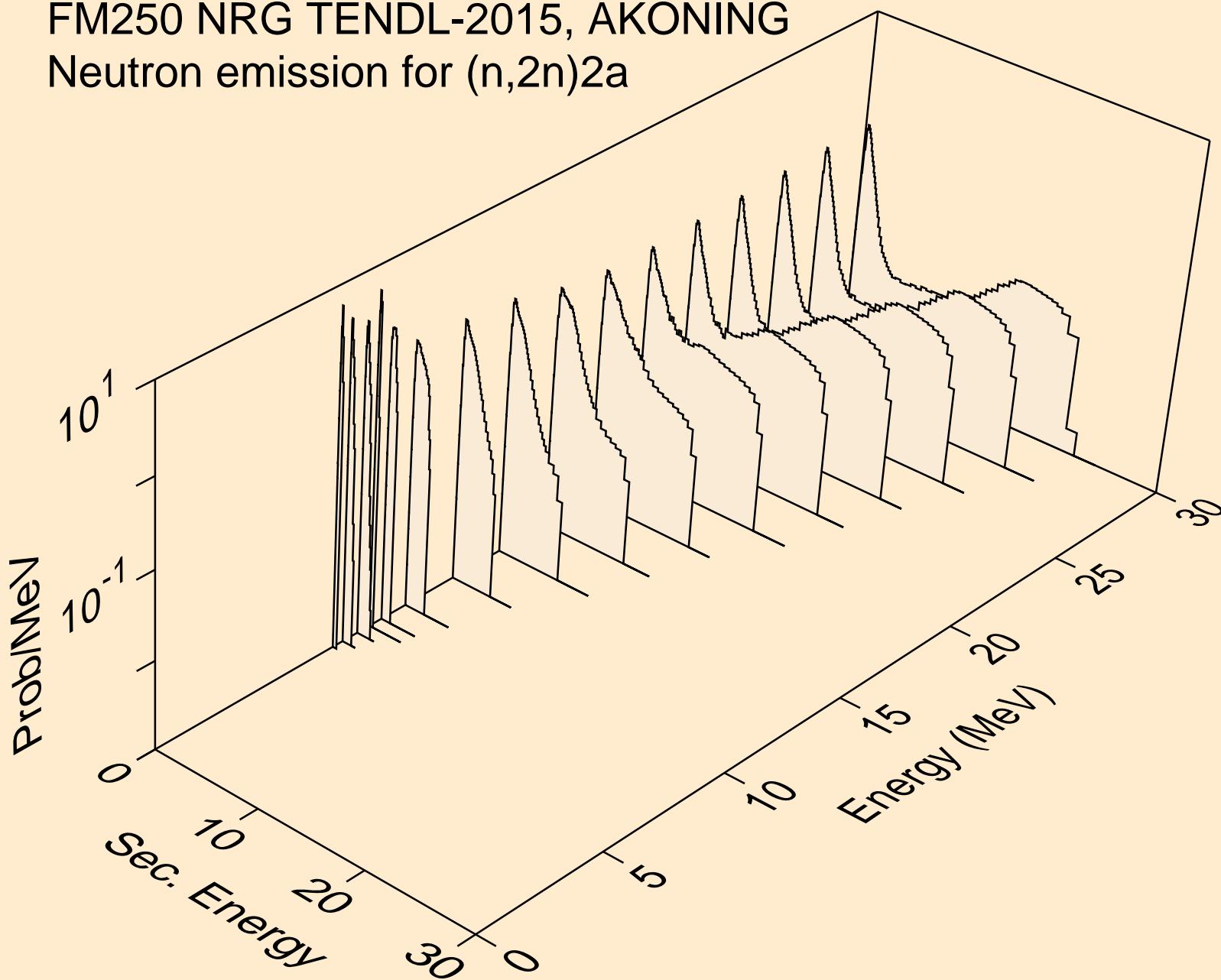
FM250 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



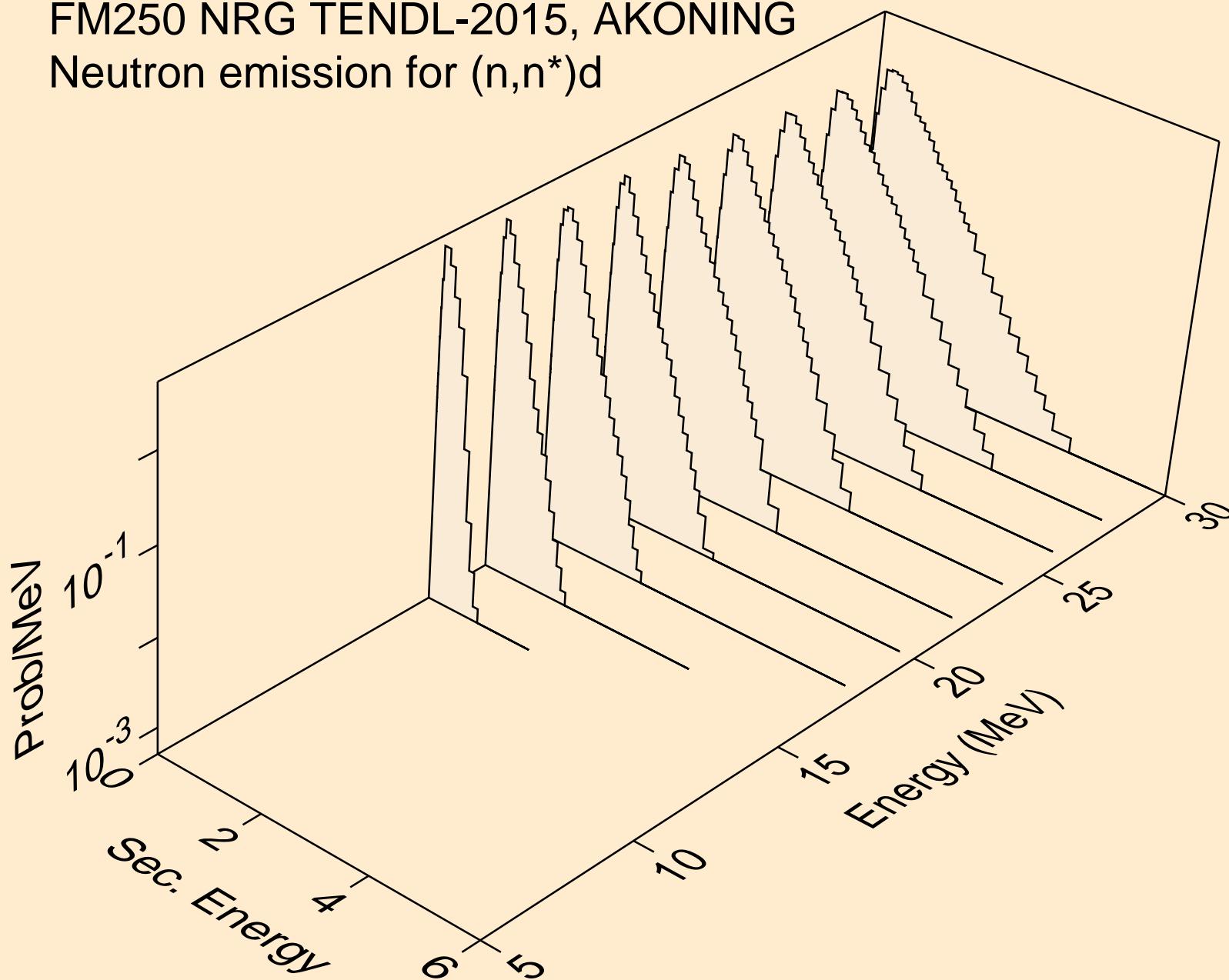
FM250 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



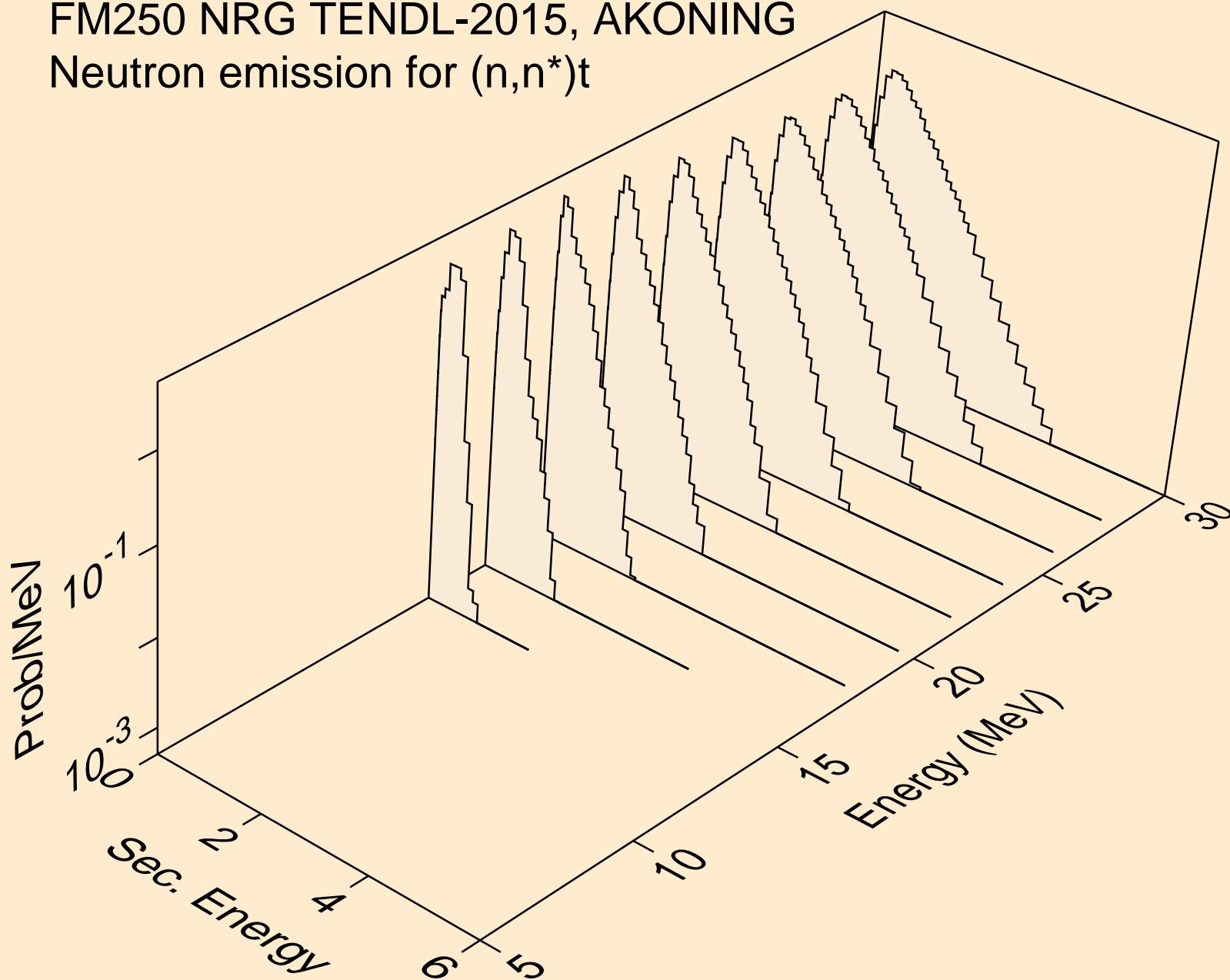
FM250 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)2a$



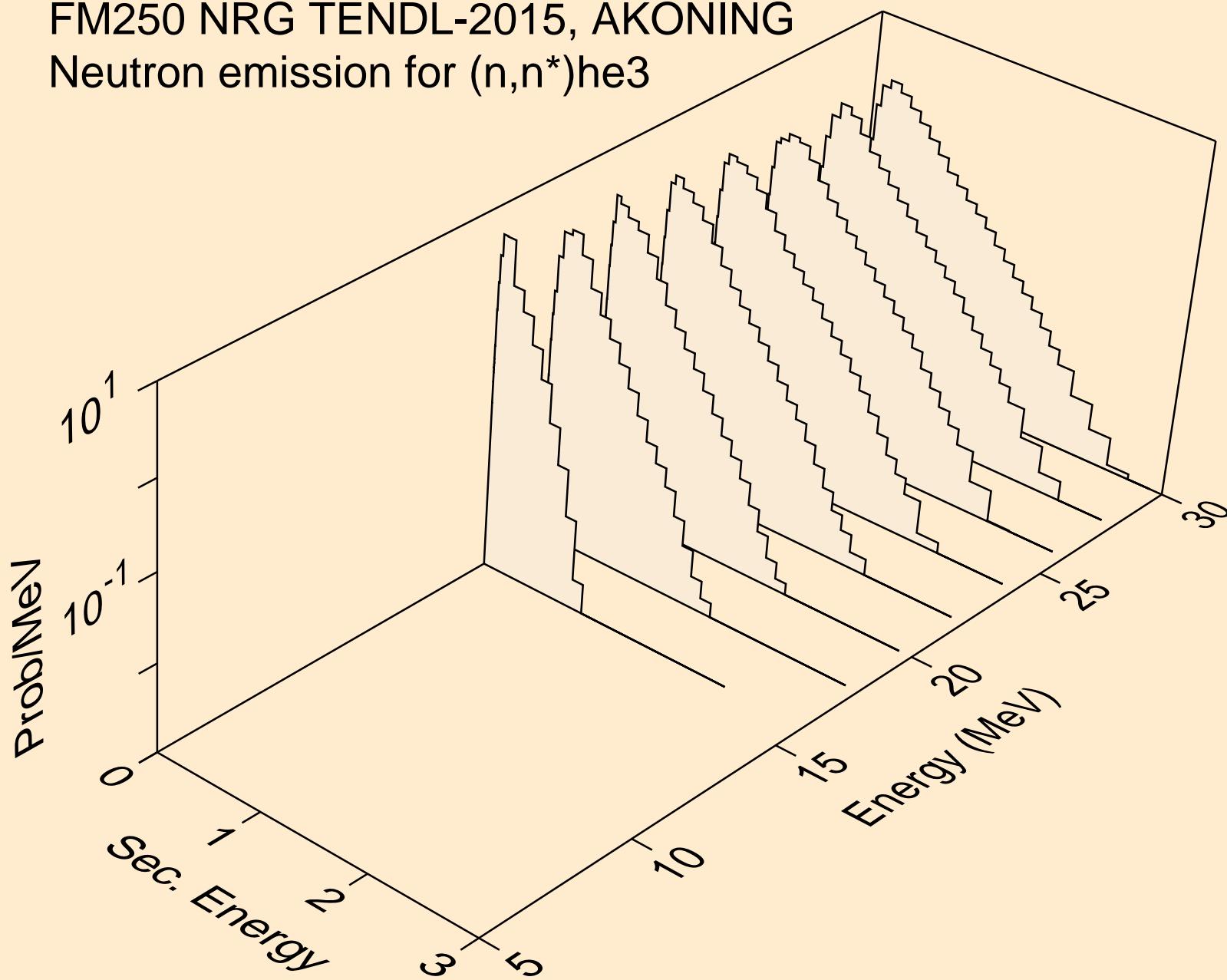
FM250 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



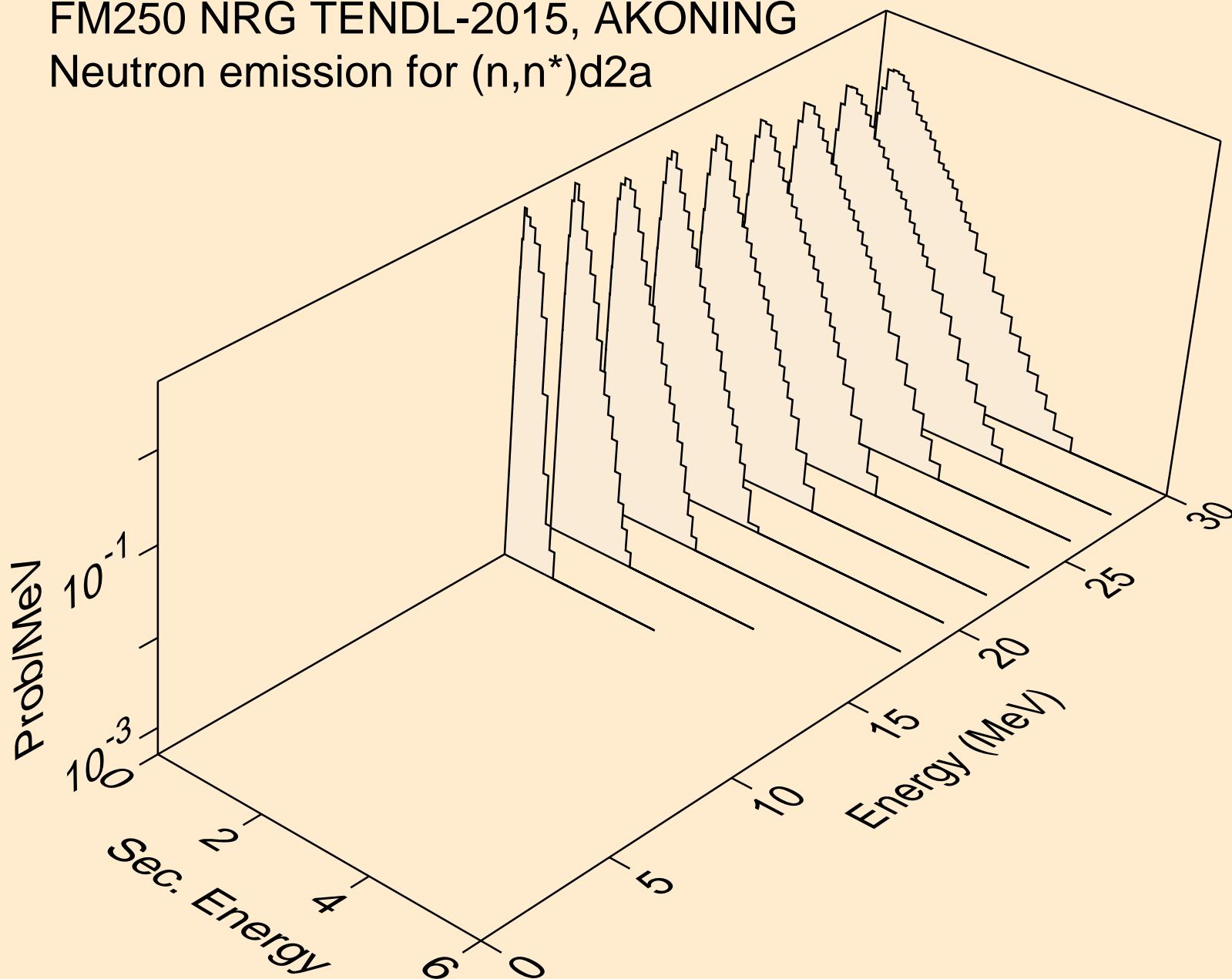
FM250 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



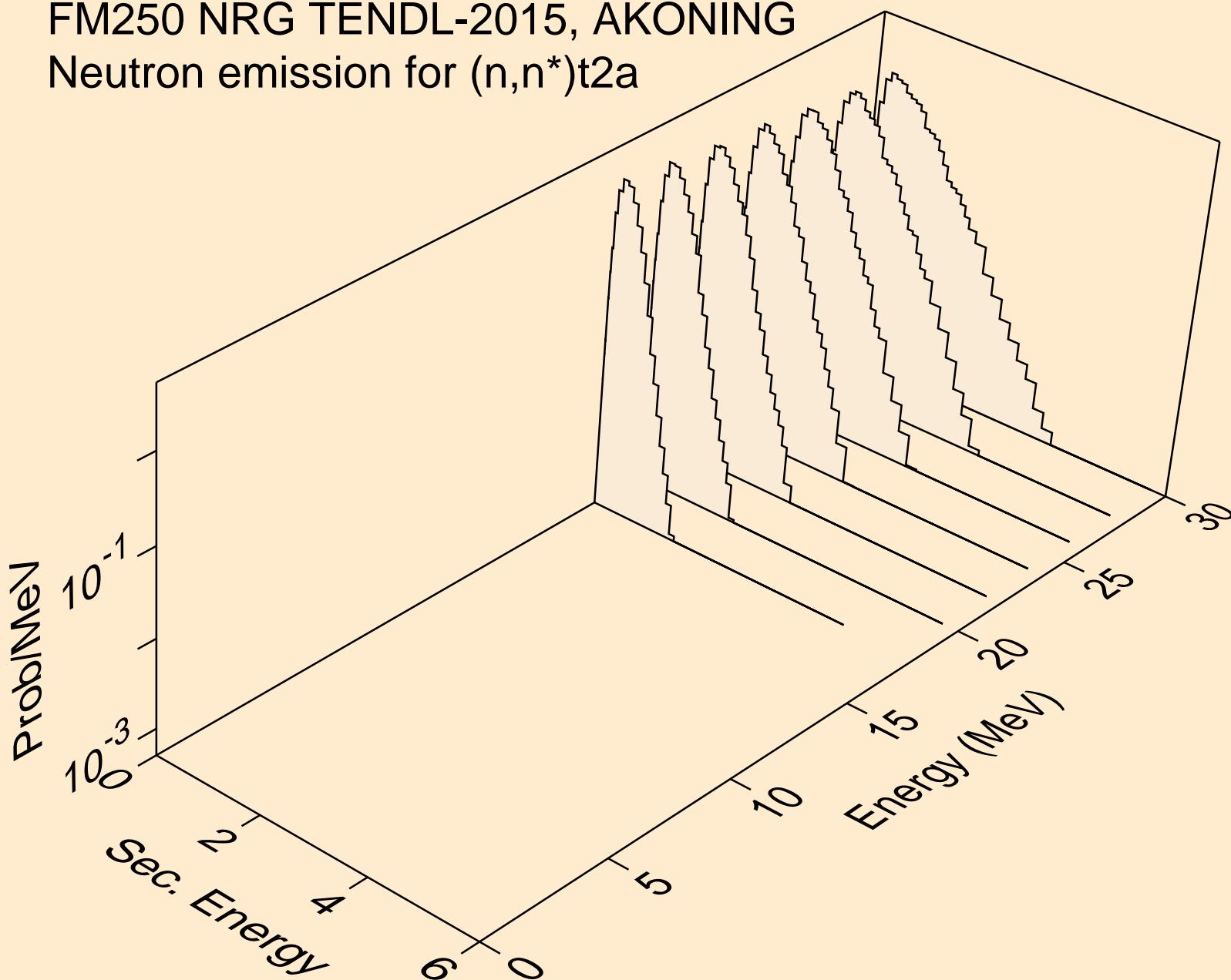
FM250 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



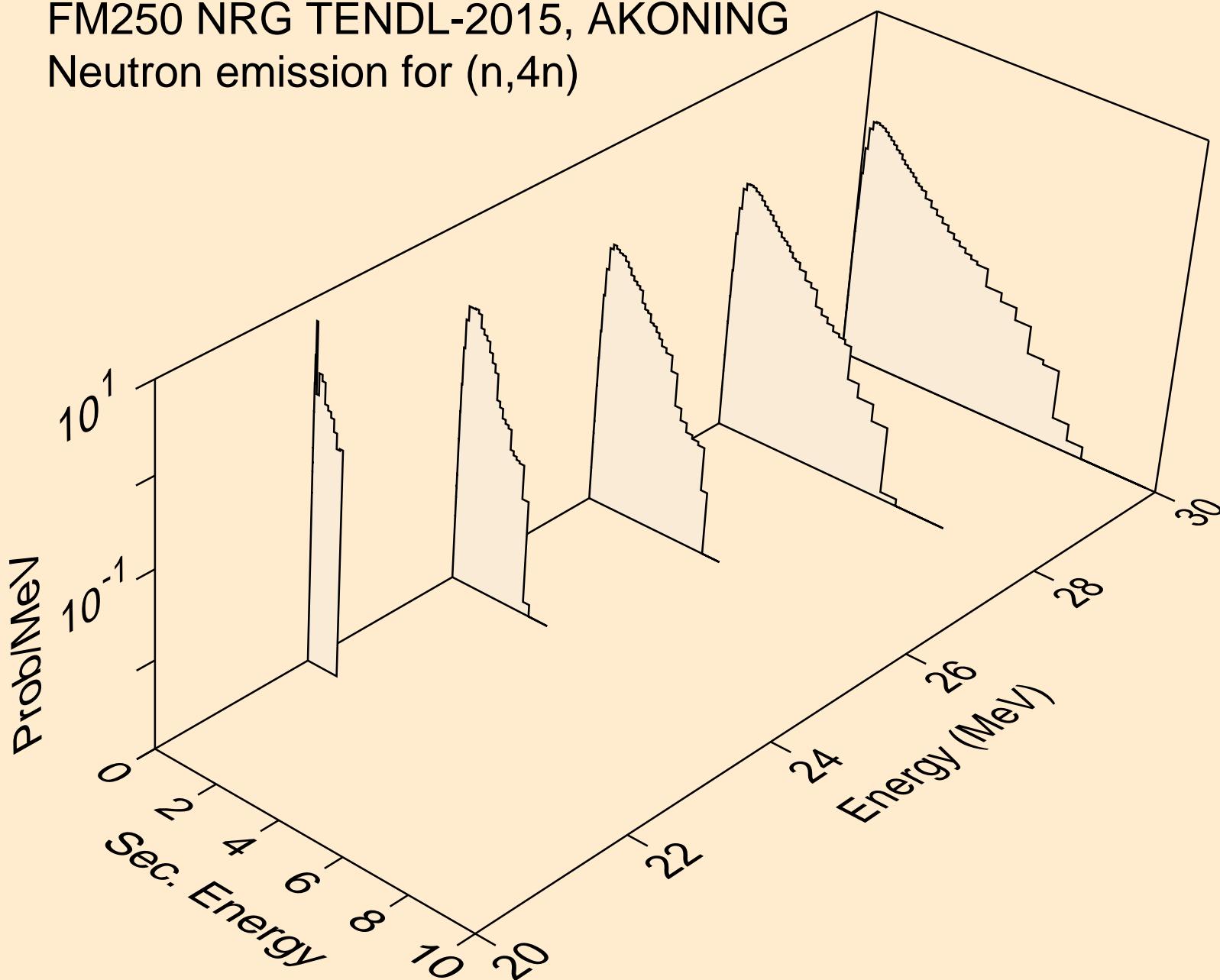
FM250 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d2a$



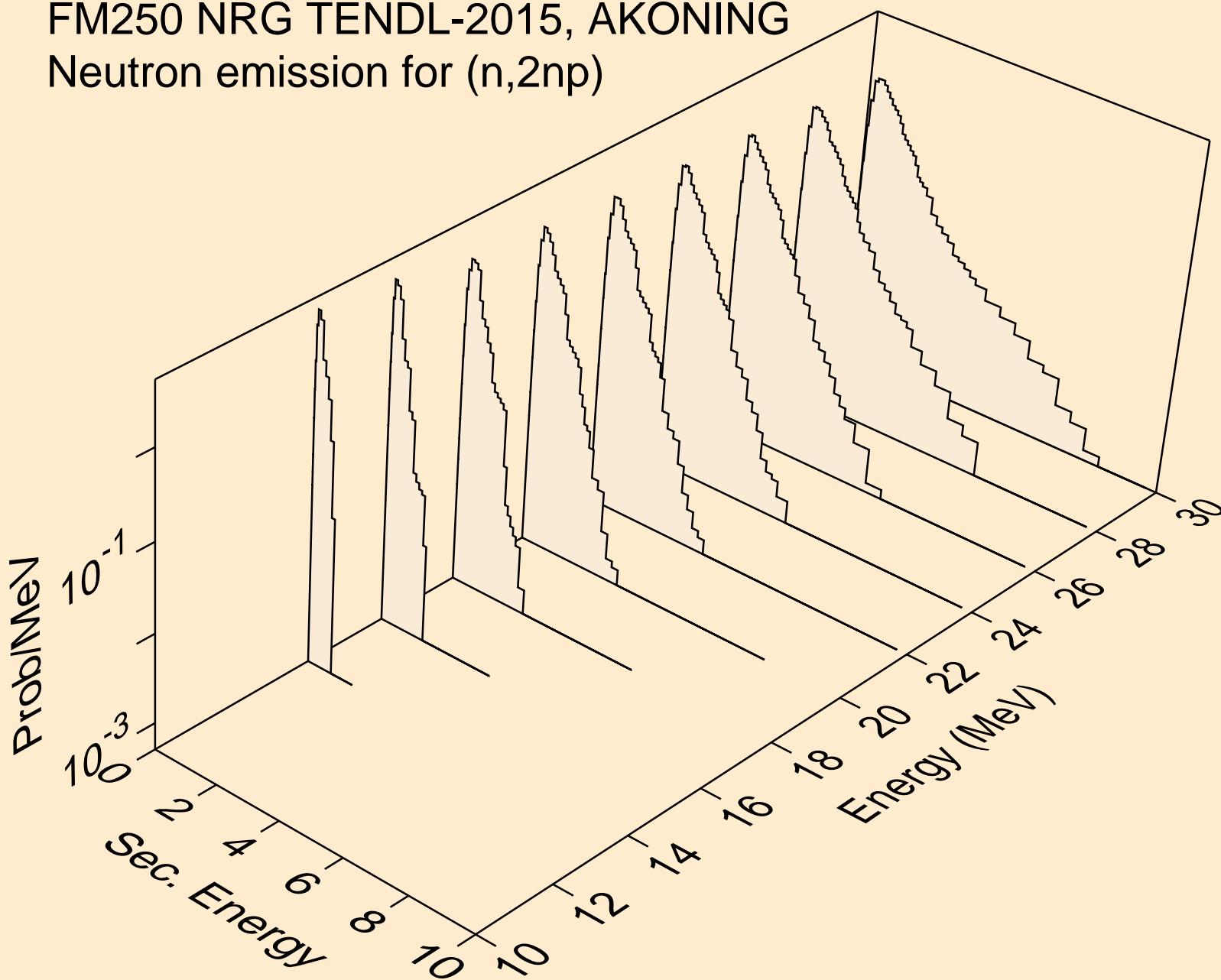
FM250 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t2a$



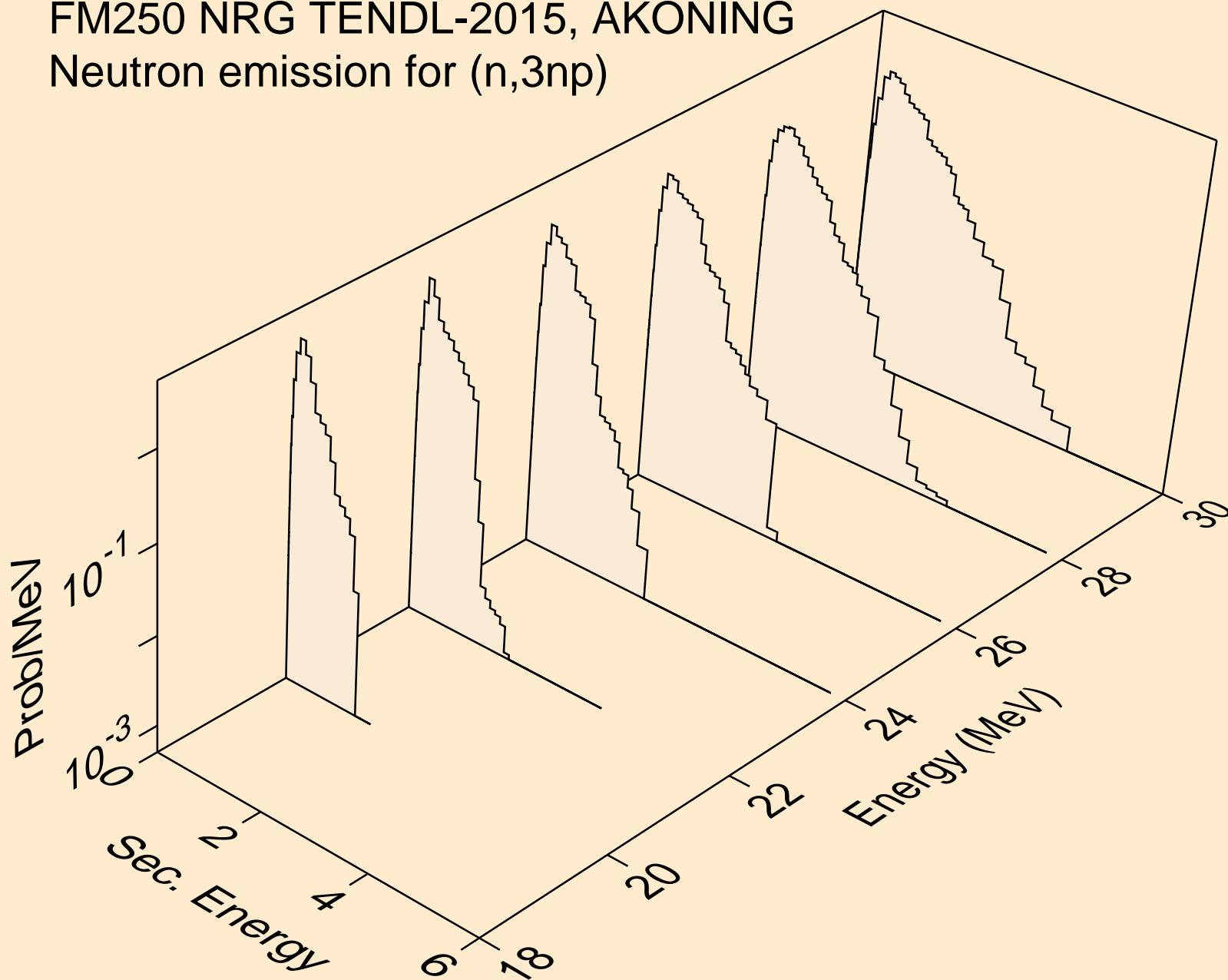
FM250 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



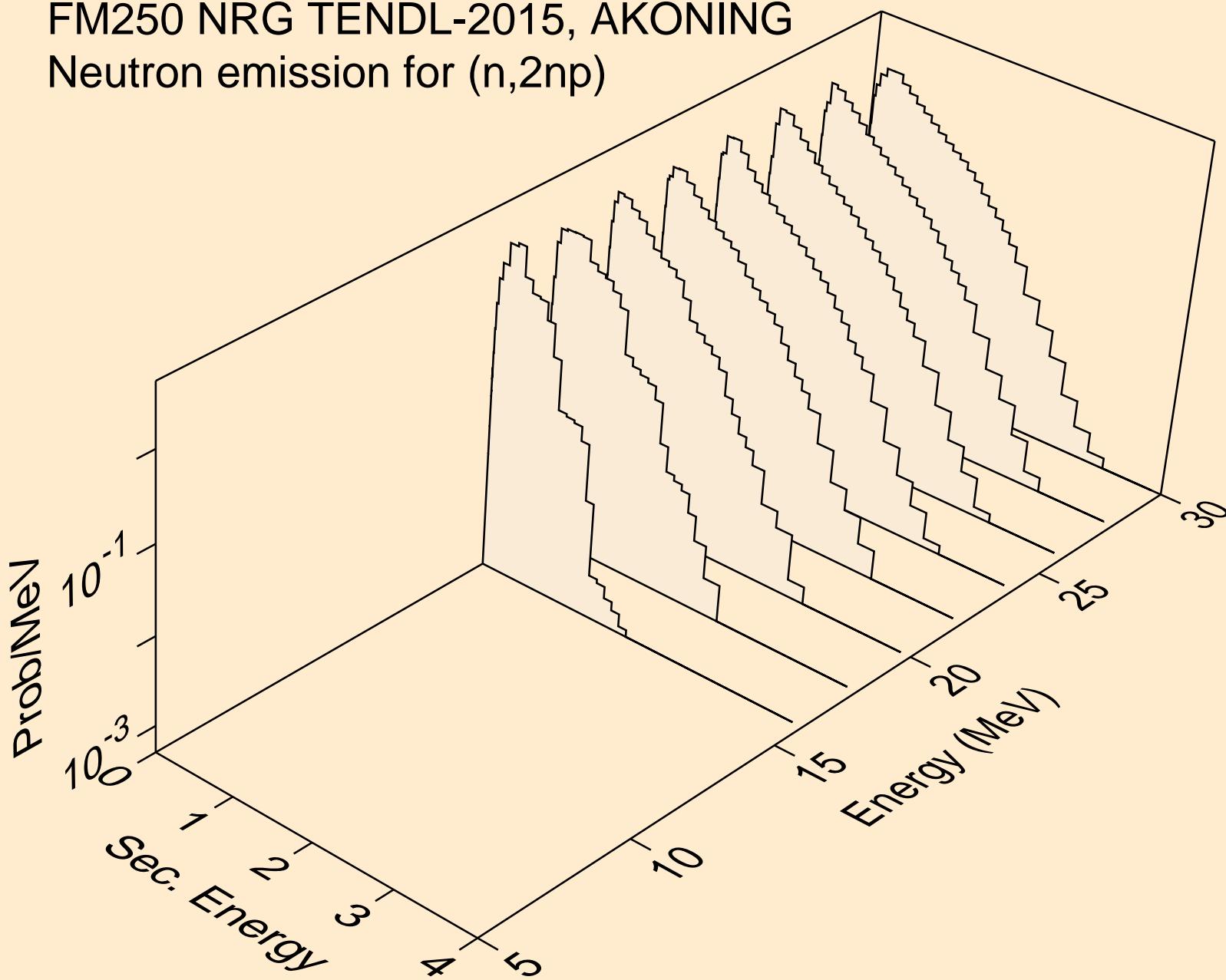
FM250 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



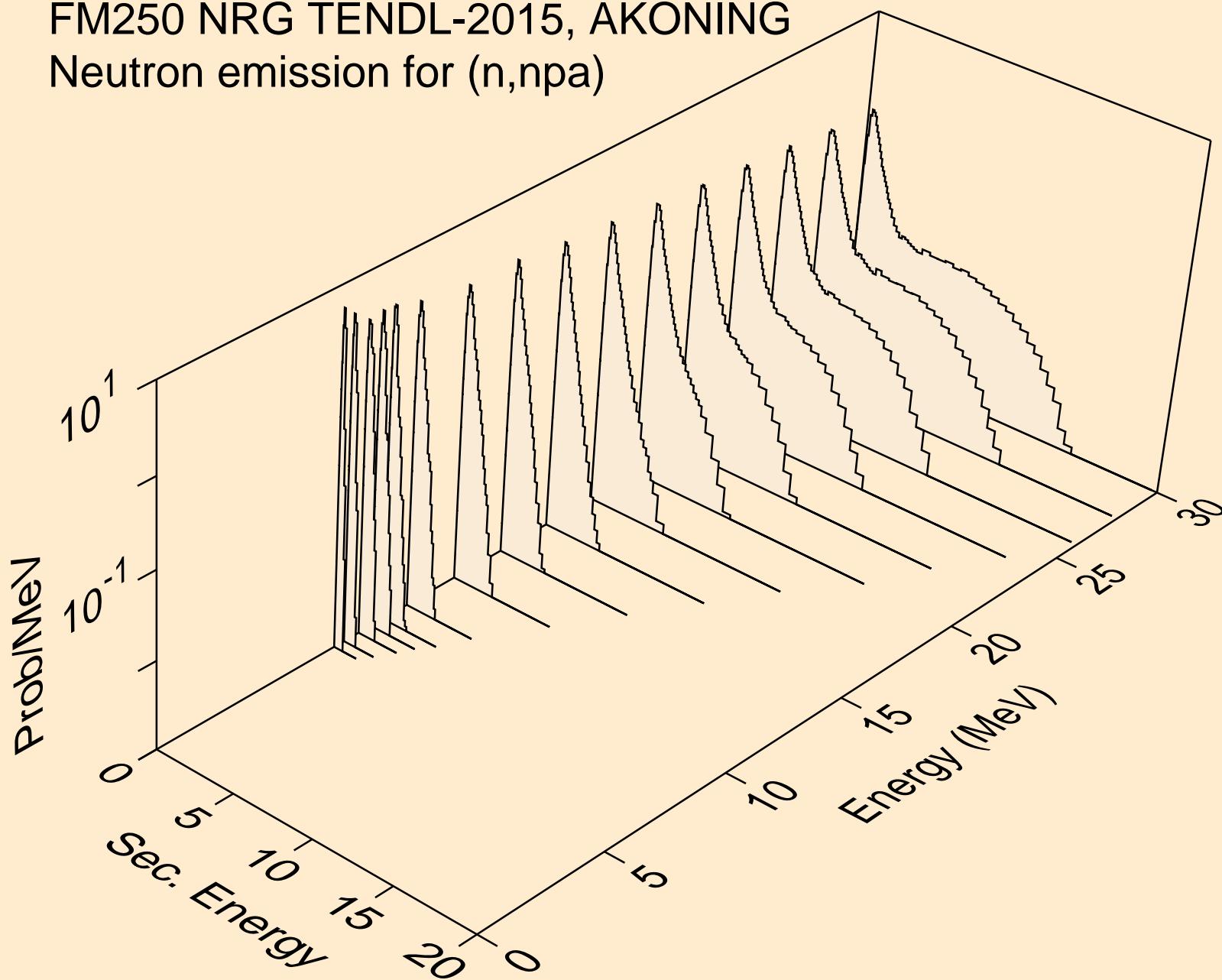
FM250 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



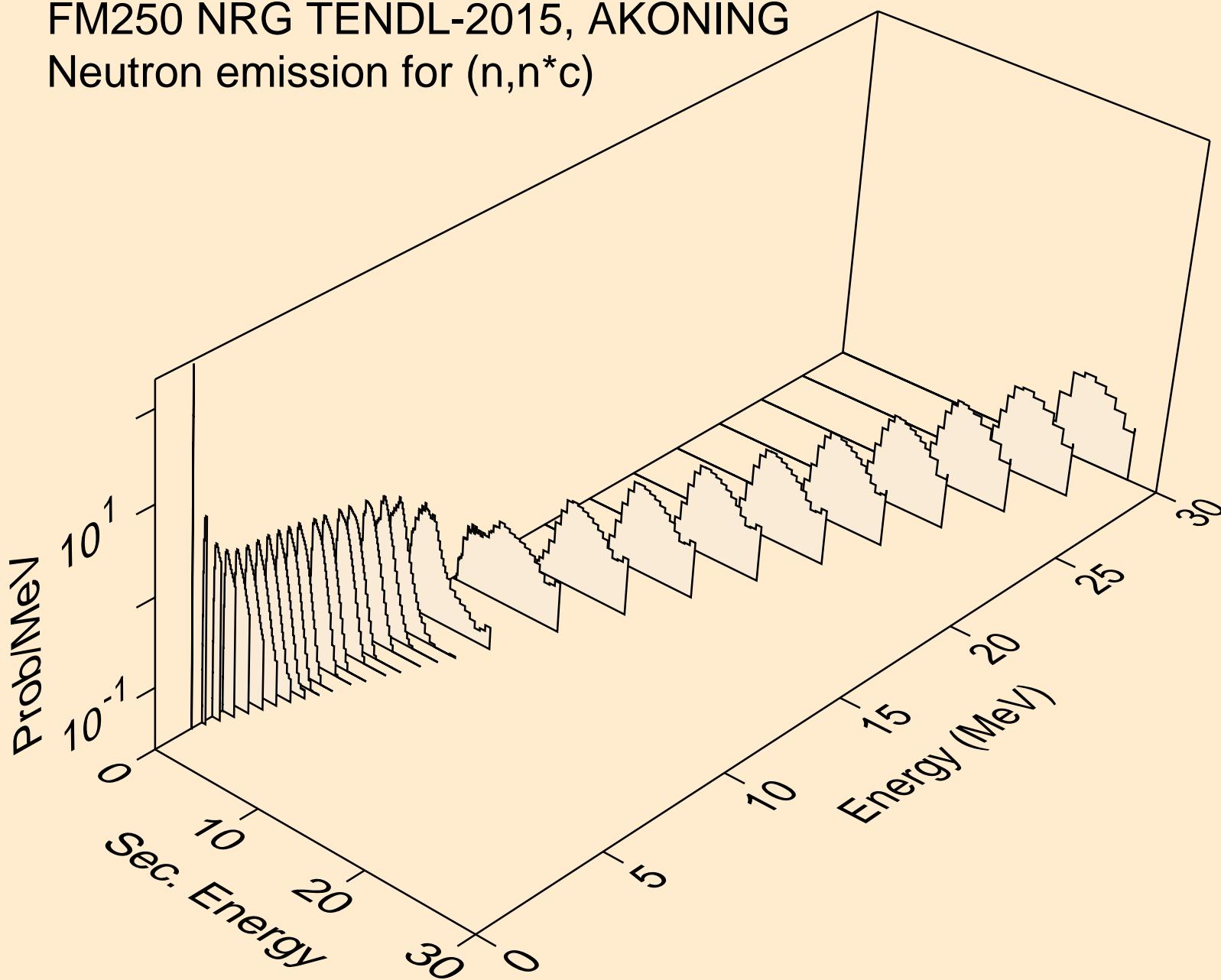
FM250 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



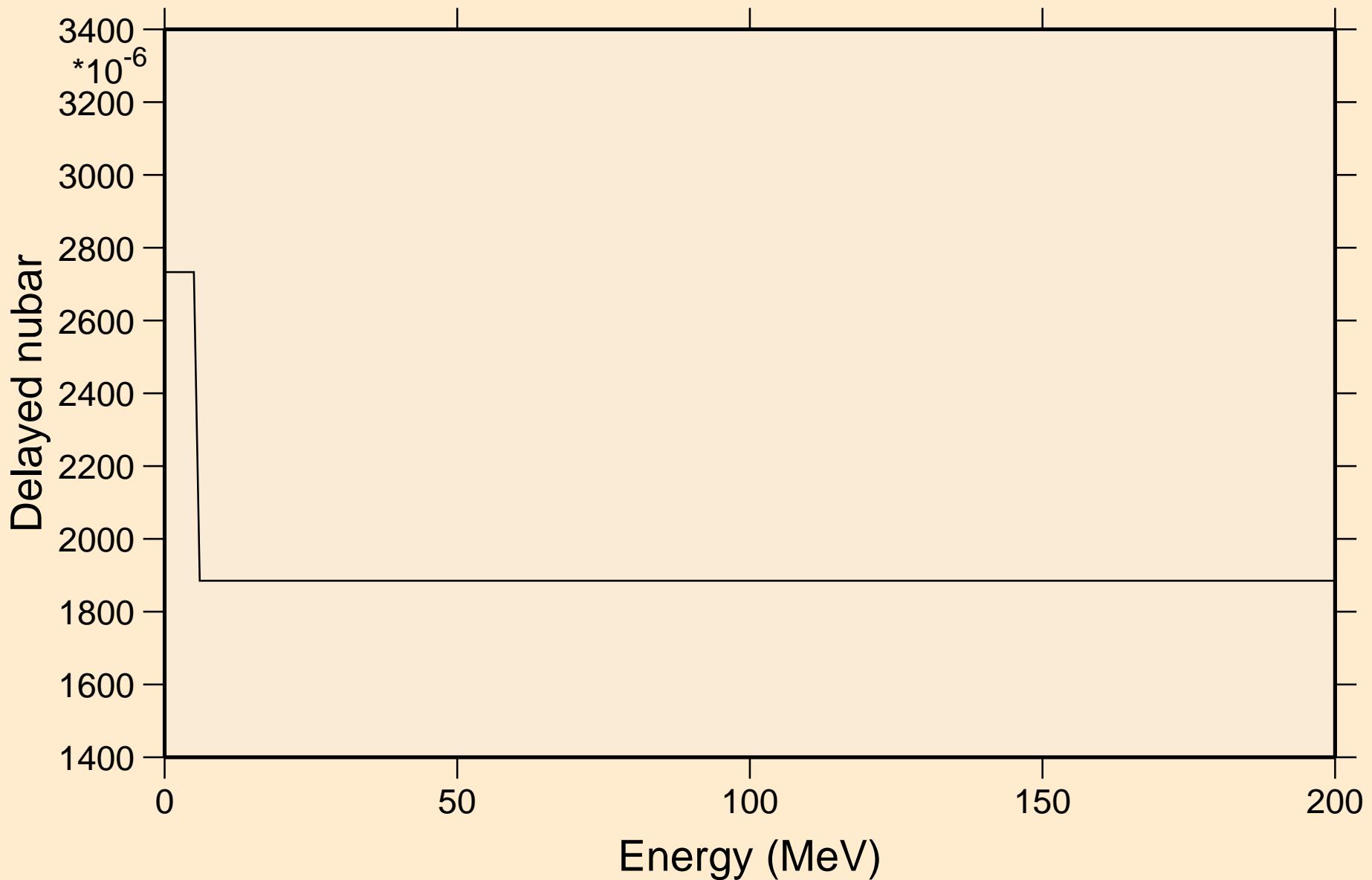
FM250 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



FM250 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

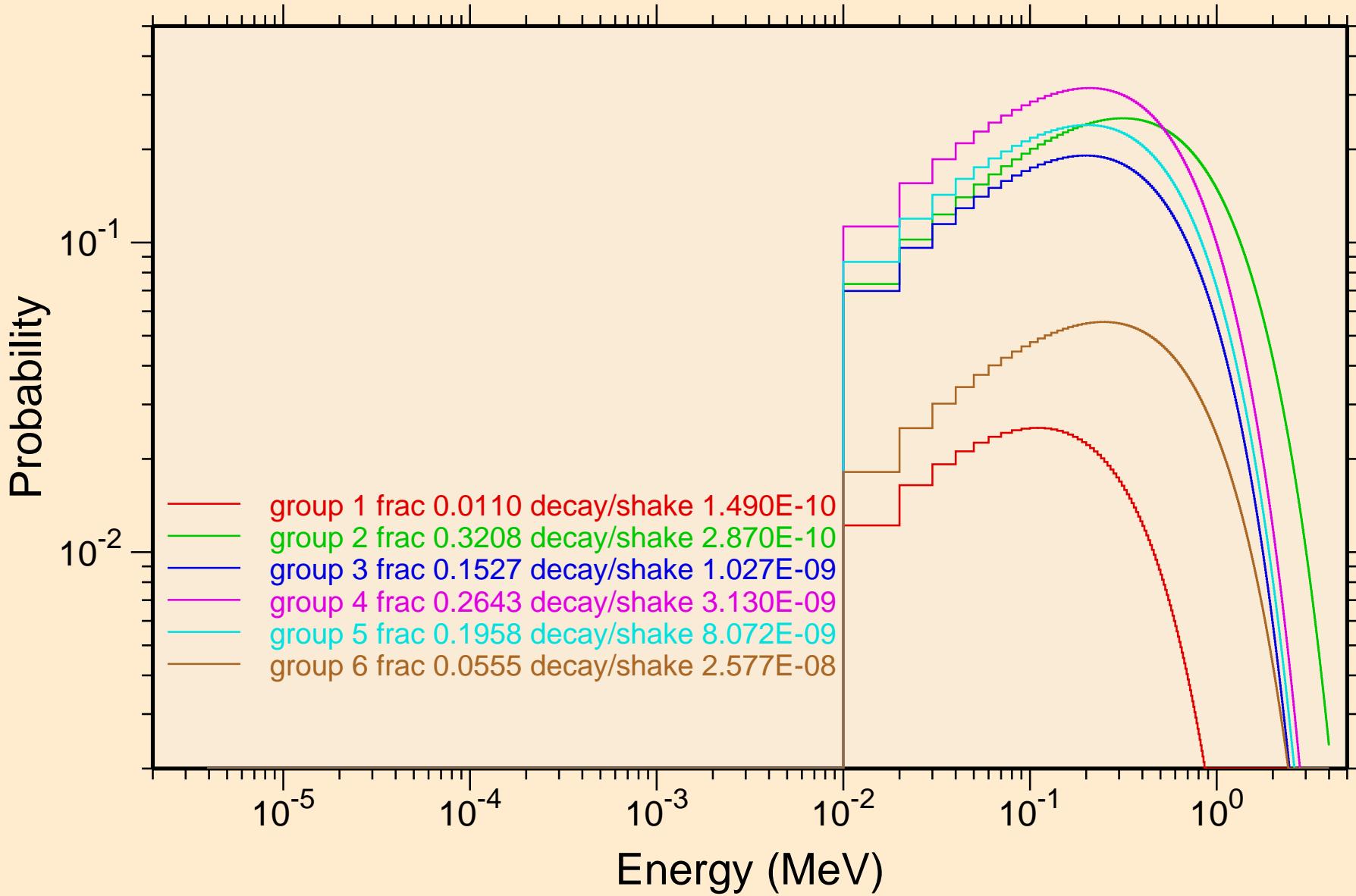


FM250 NRG TENDL-2015, AKONING  
Delayed nubar

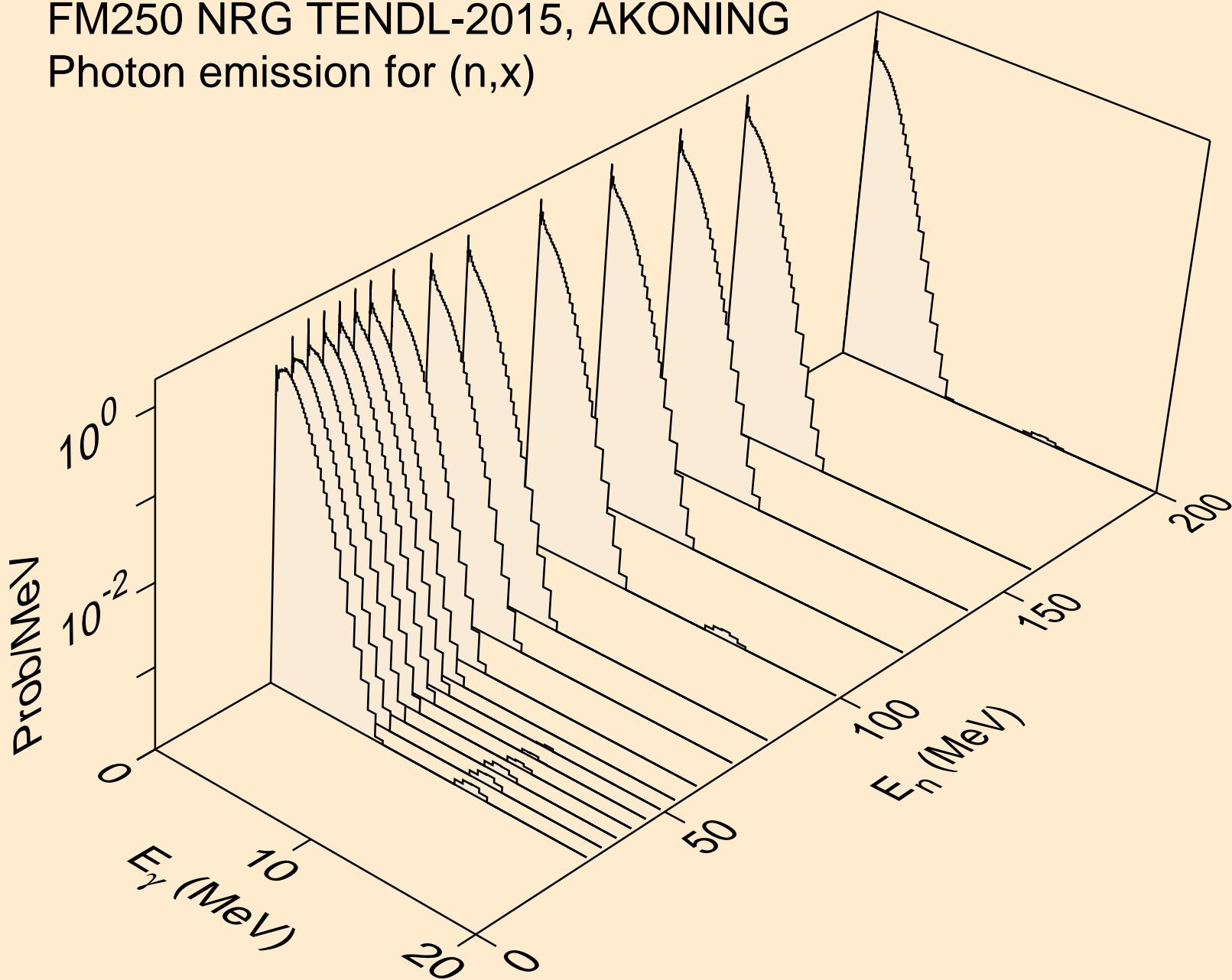


# FM250 NRG TENDL-2015, AKONING

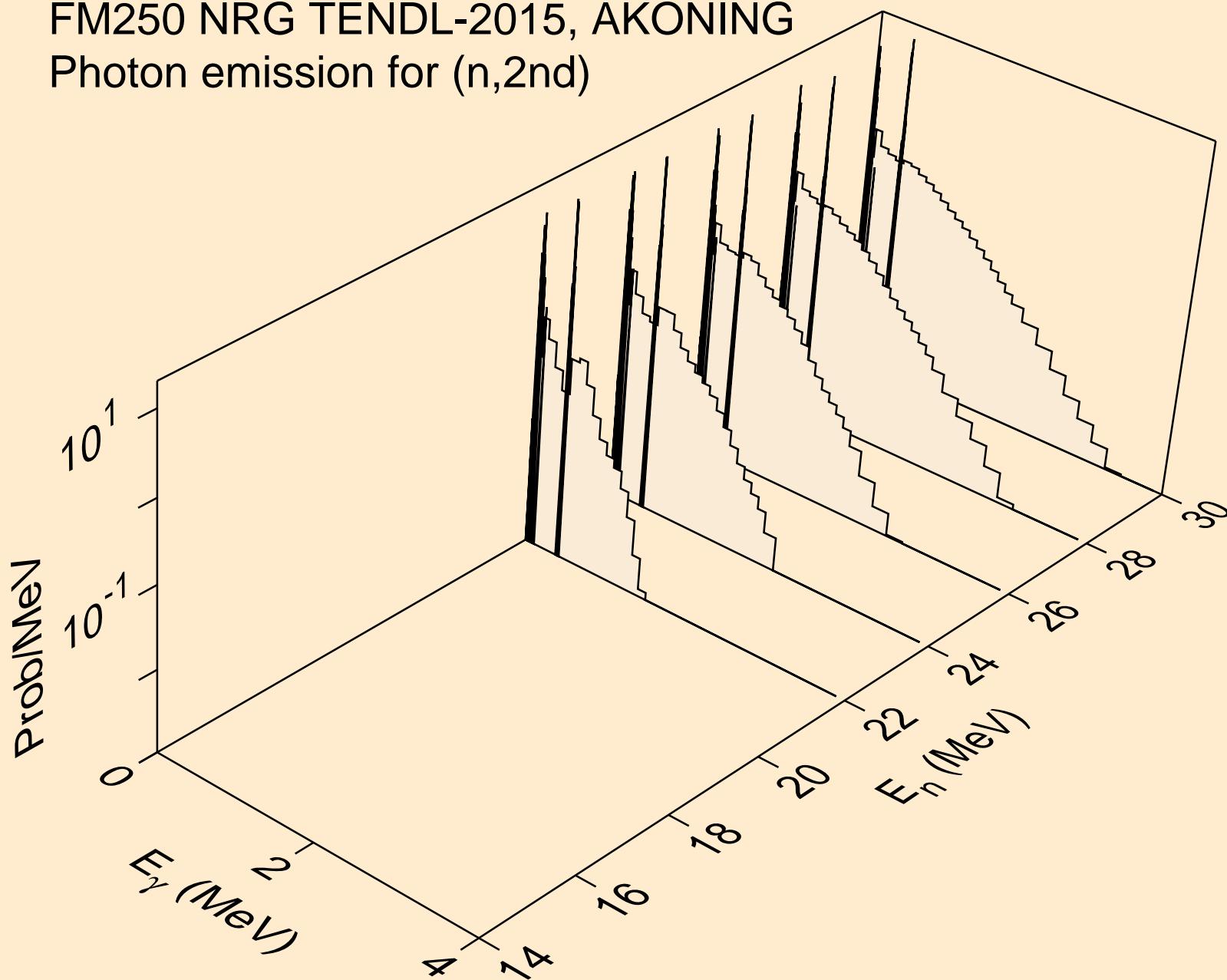
## Delayed neutron spectra



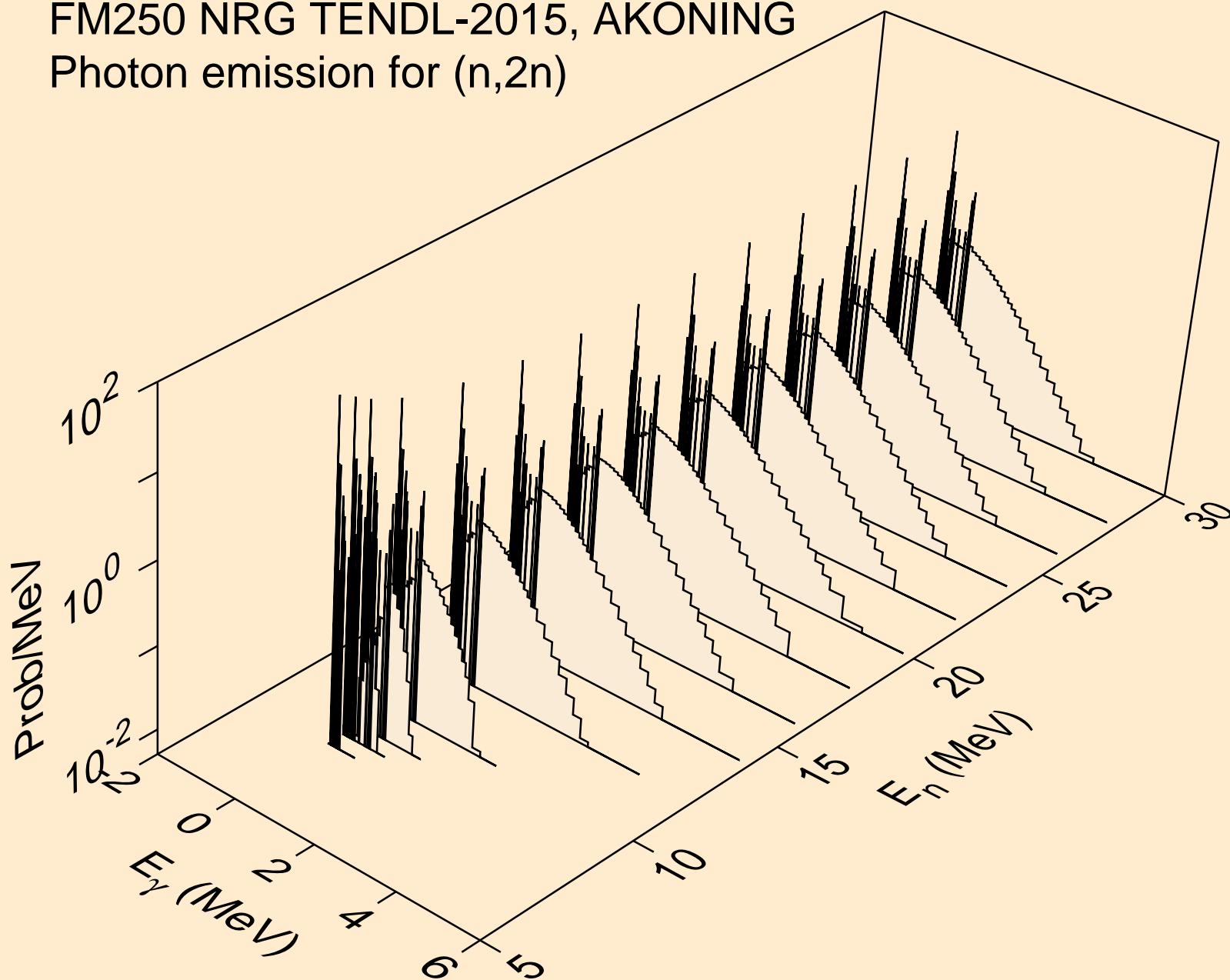
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



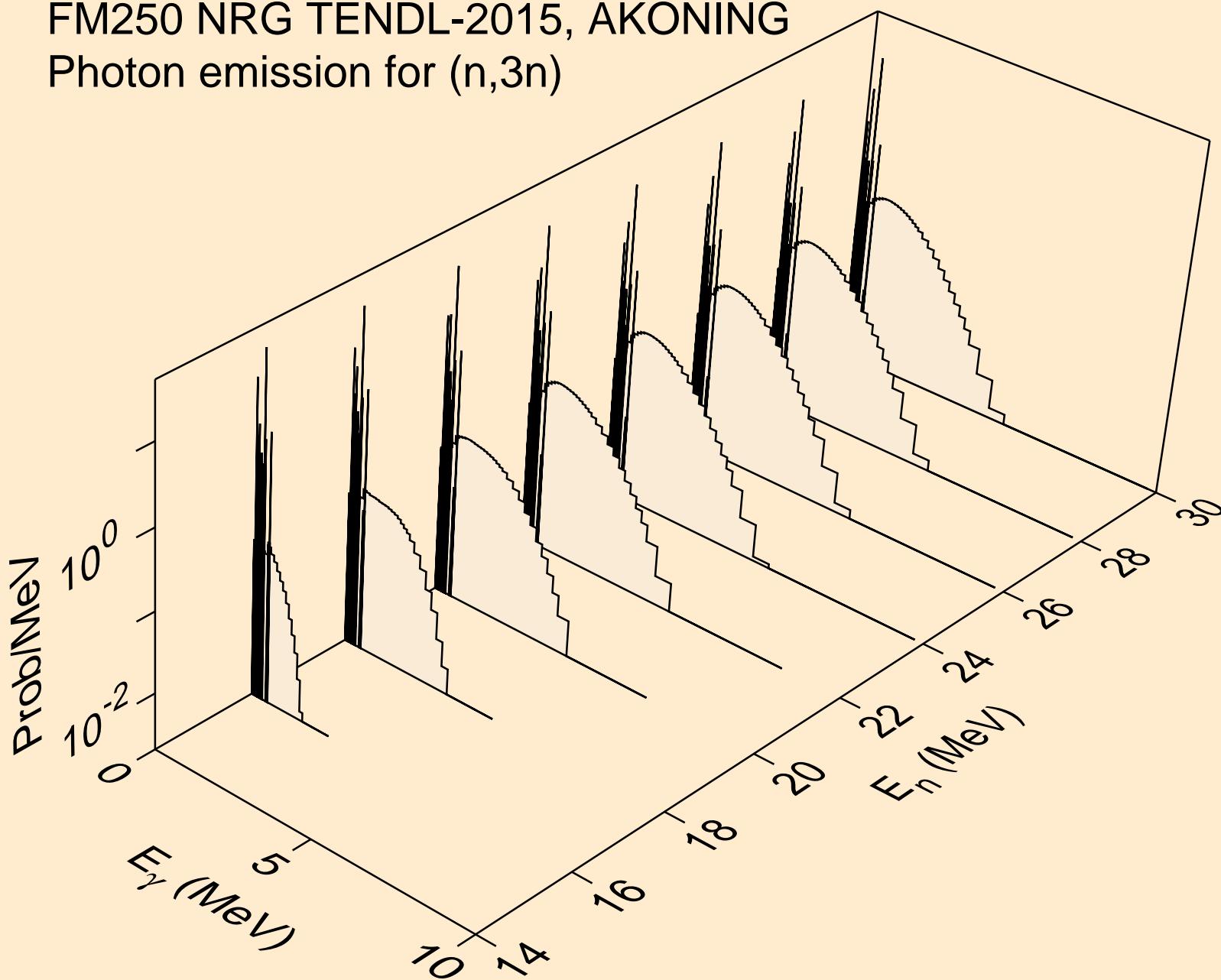
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



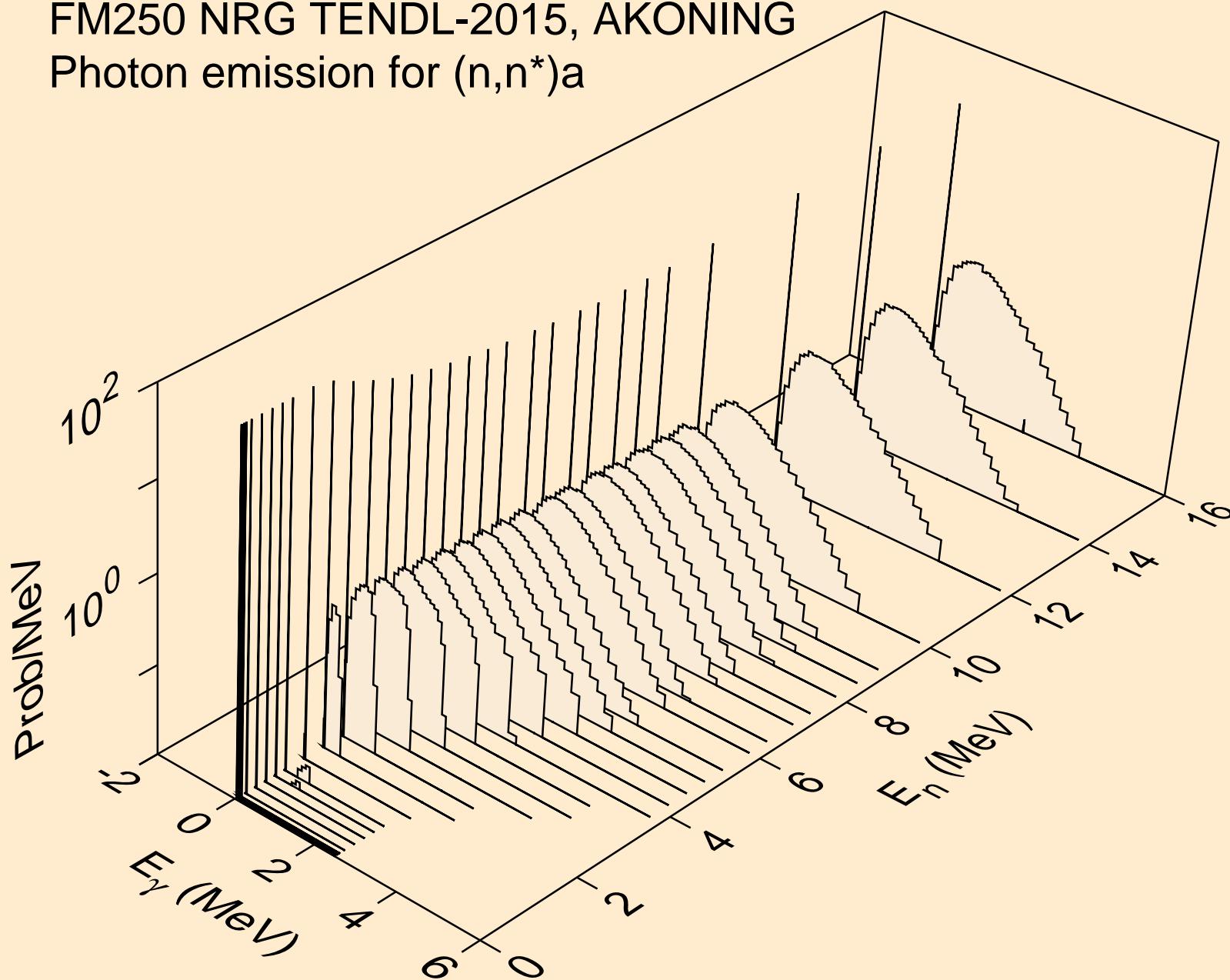
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



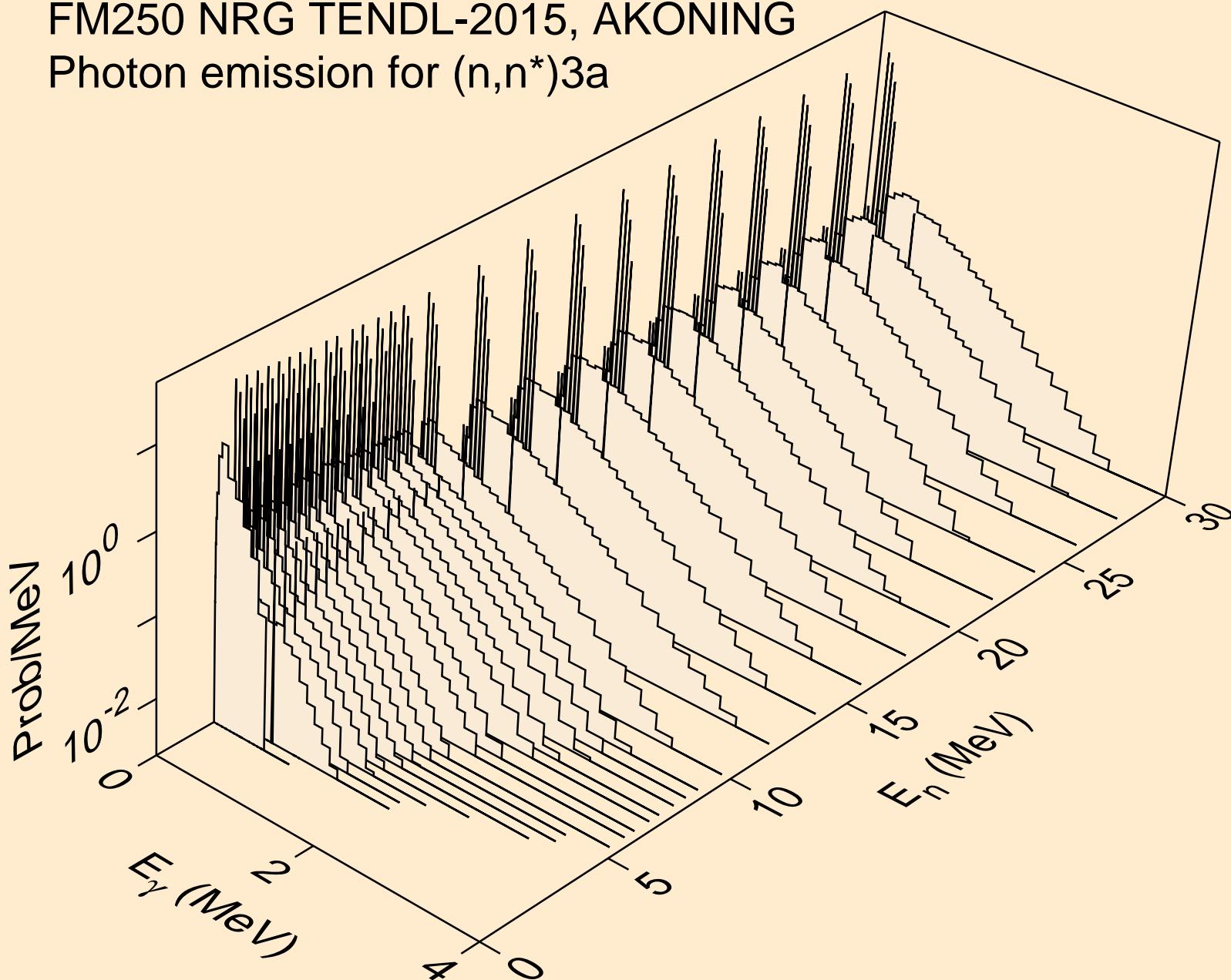
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



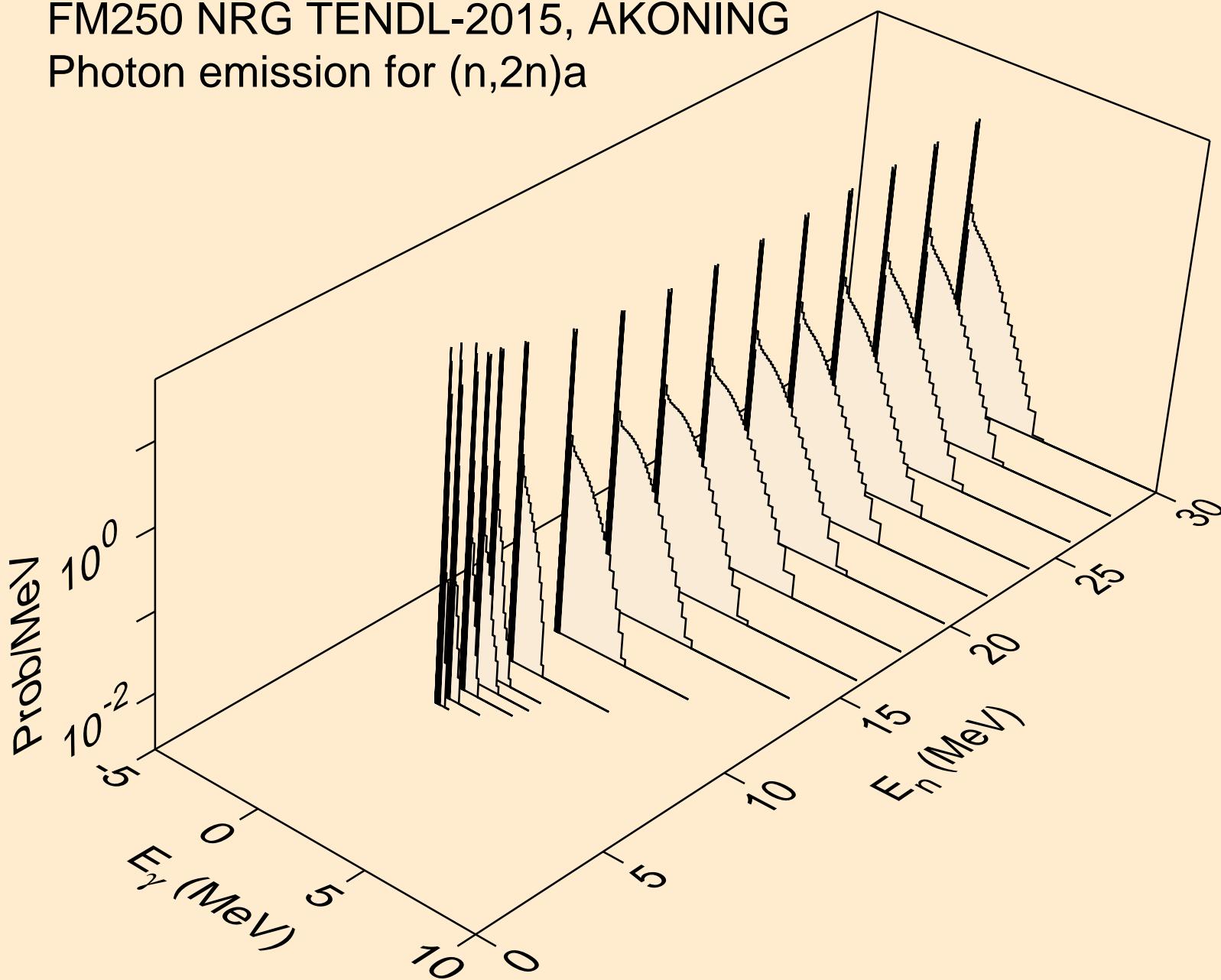
FM250 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



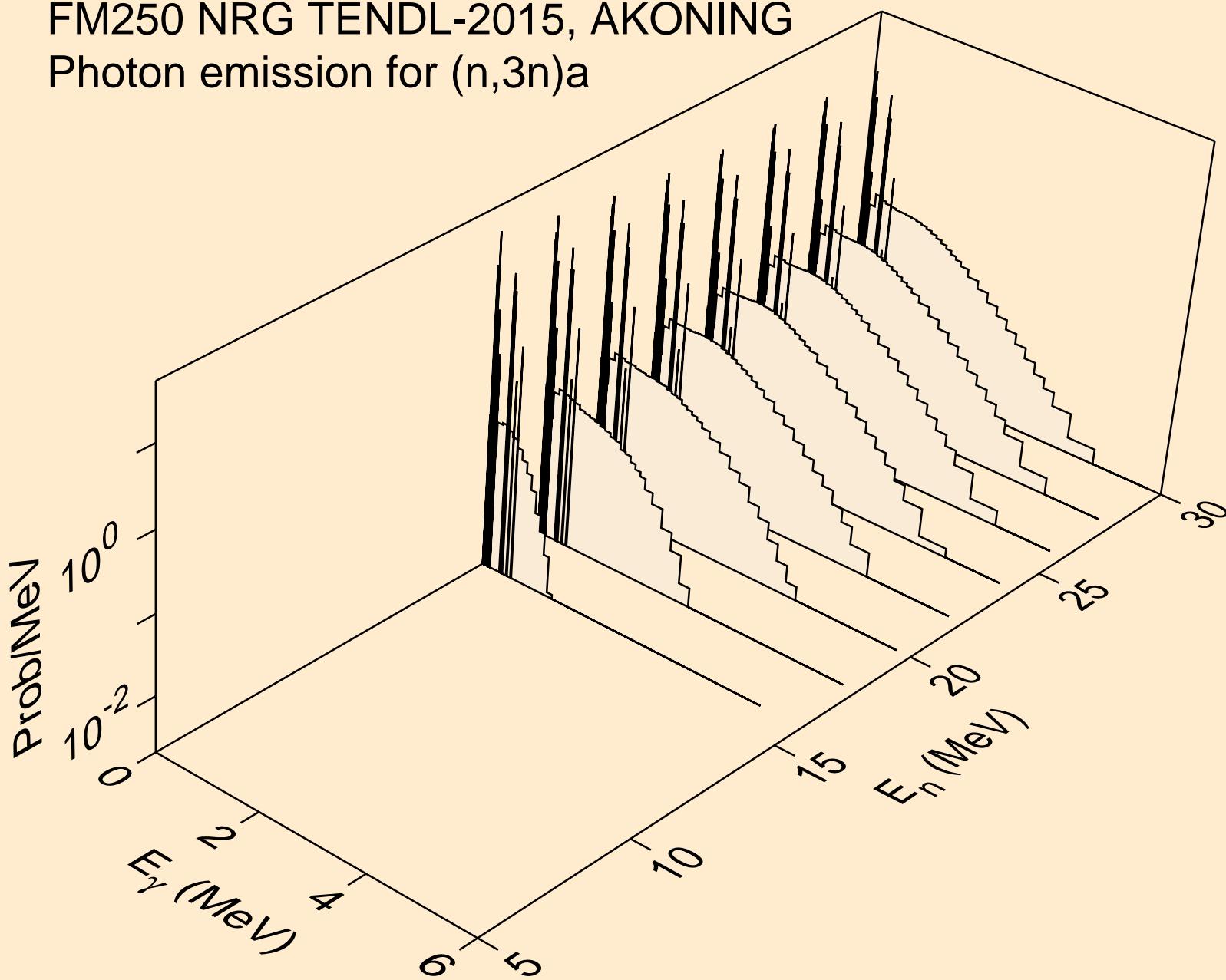
FM250 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)3a$



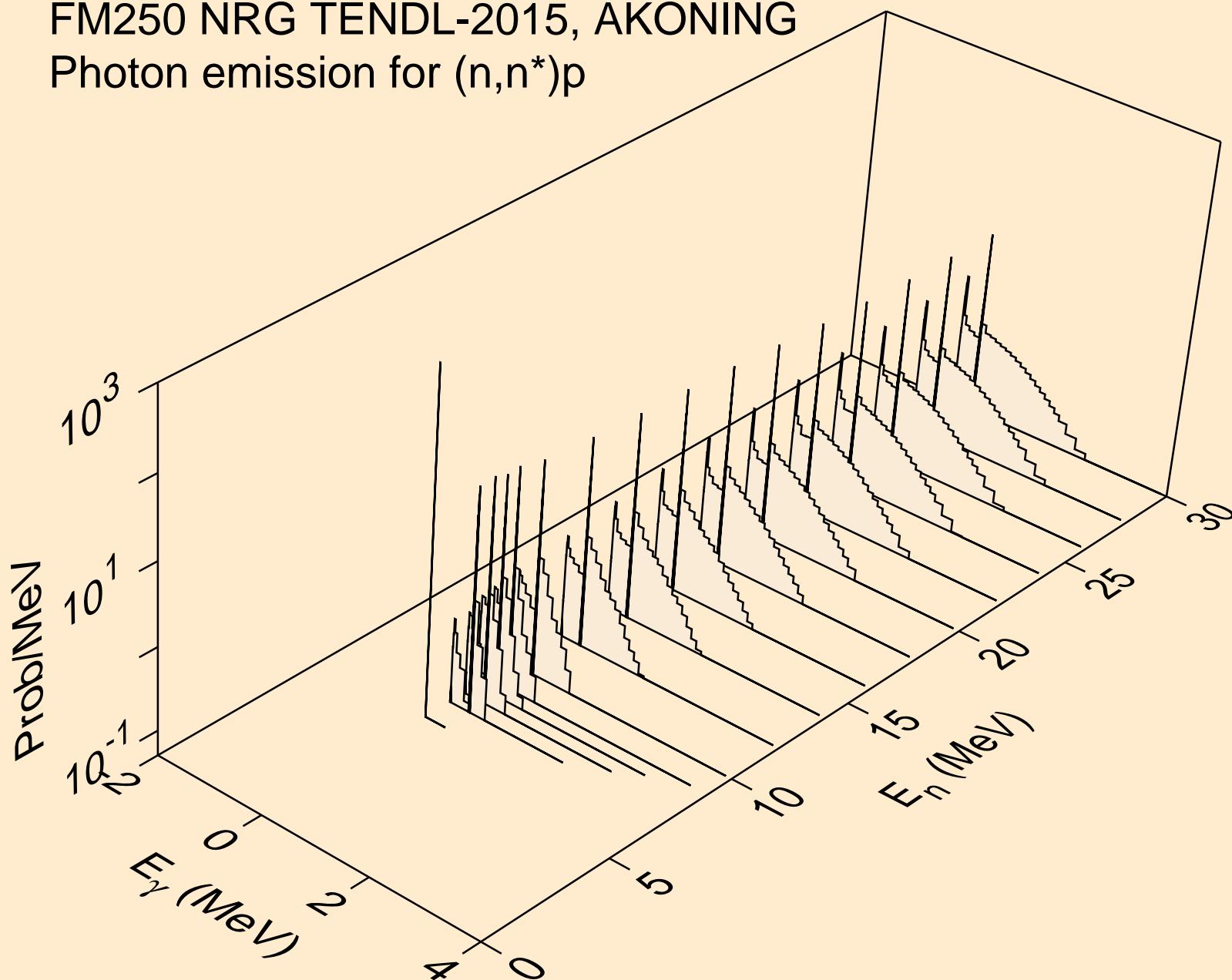
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



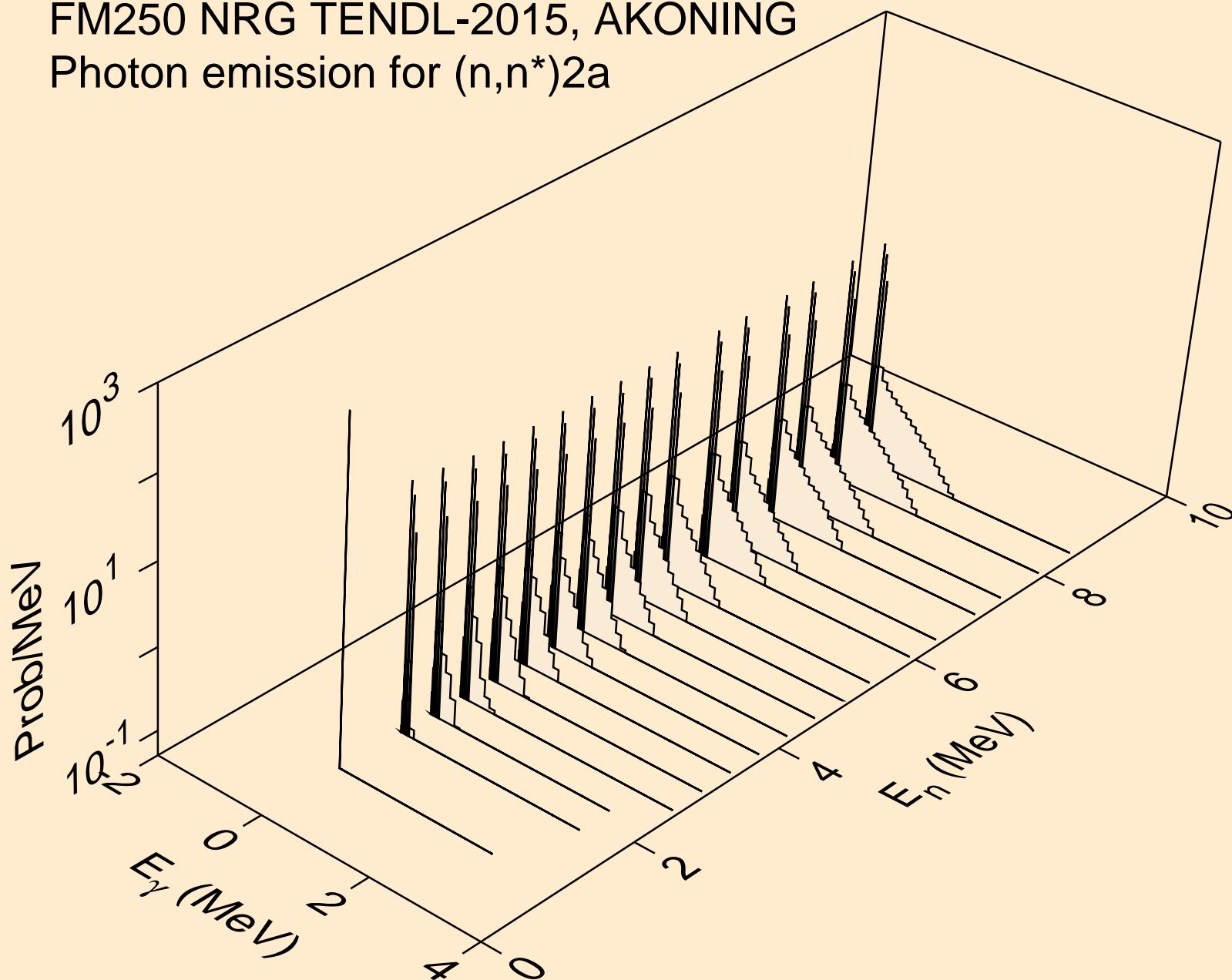
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



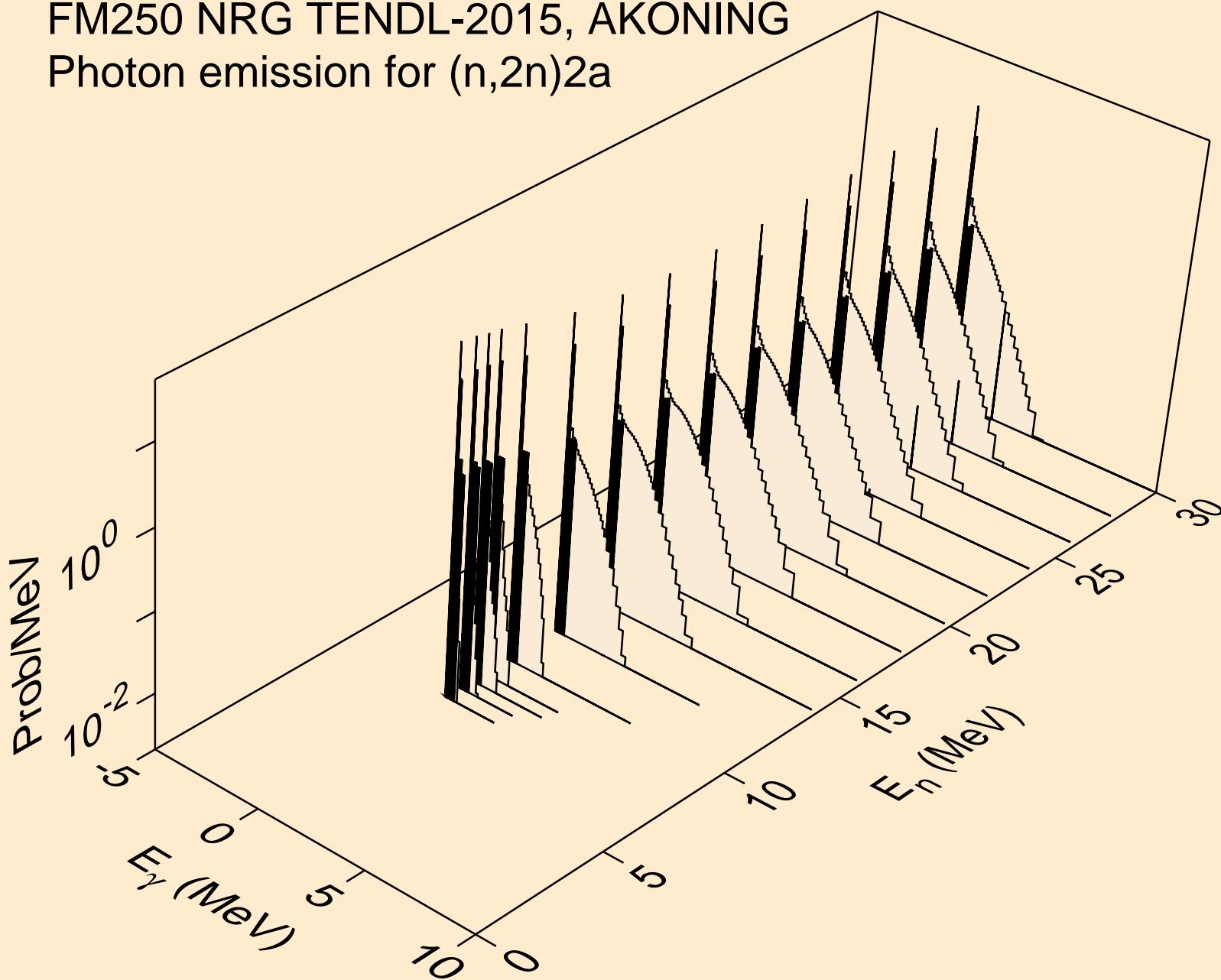
FM250 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



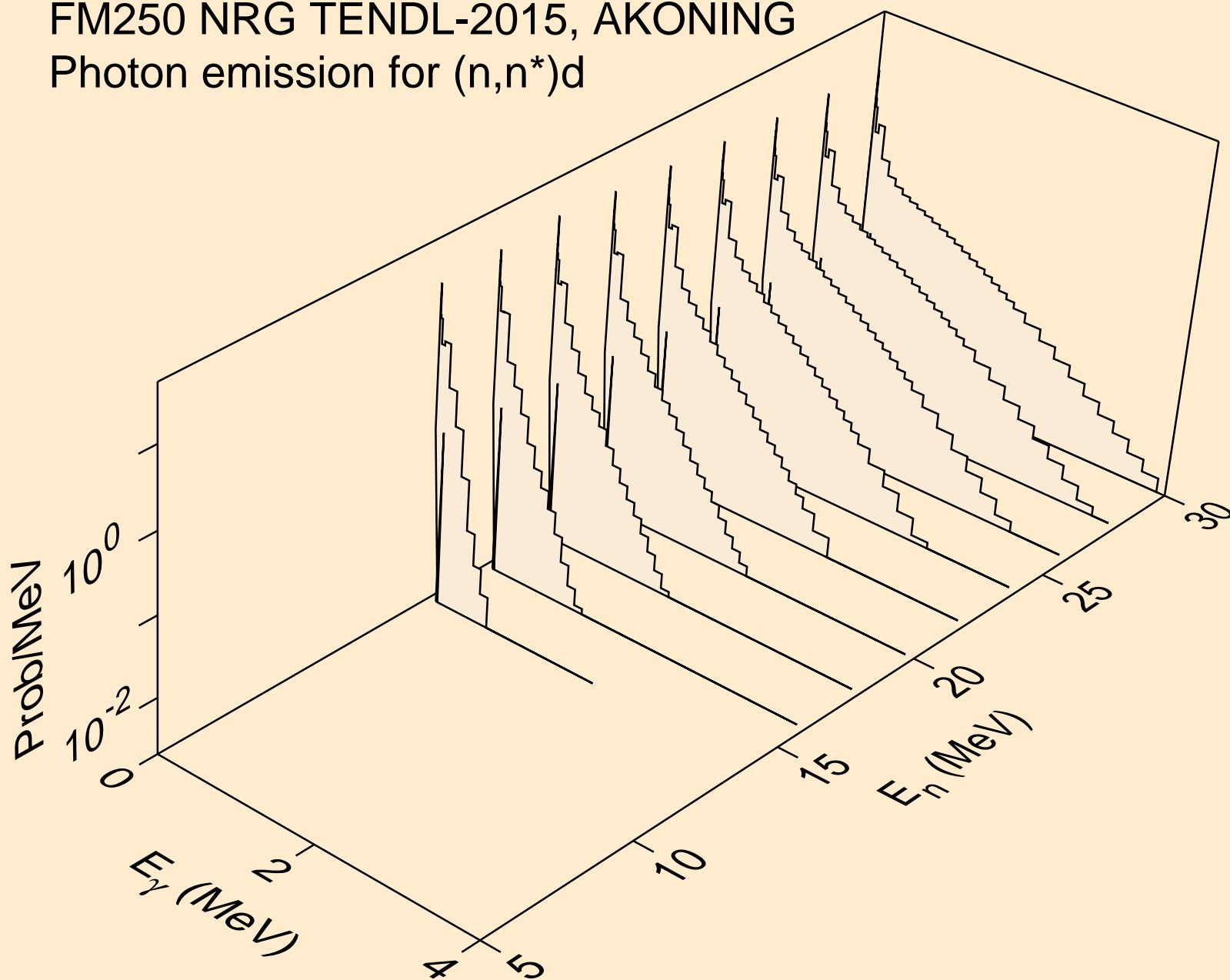
FM250 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)2a$



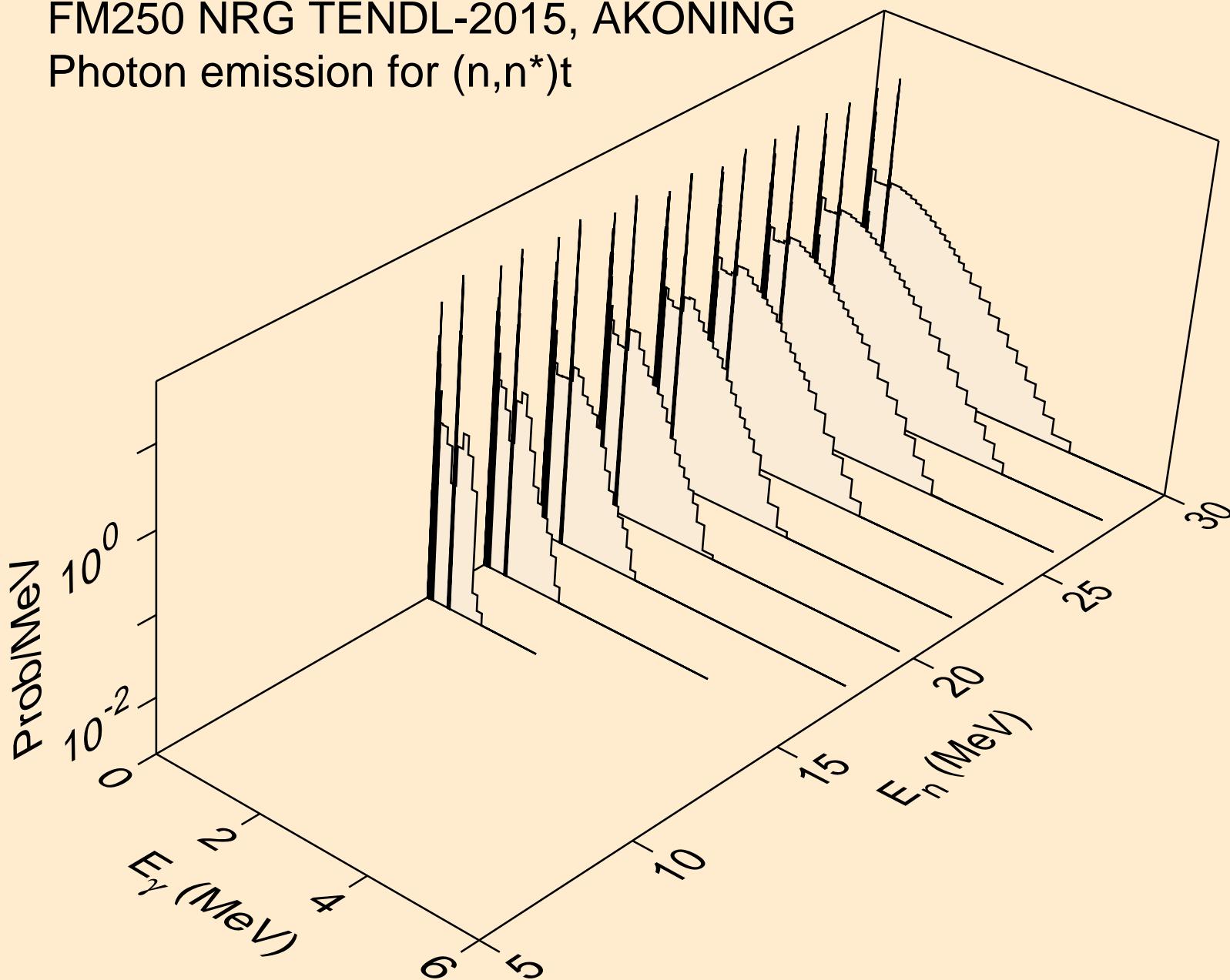
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



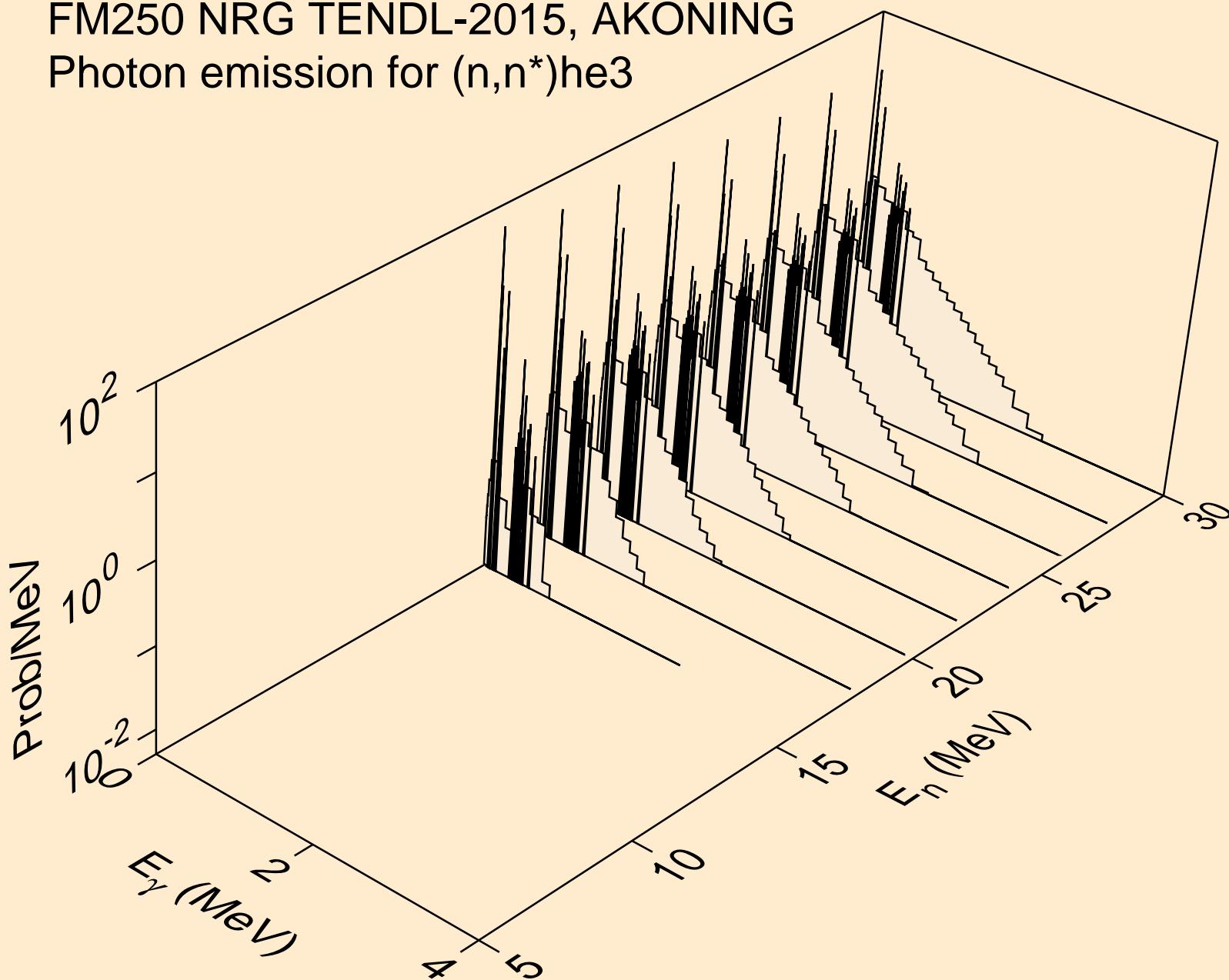
FM250 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



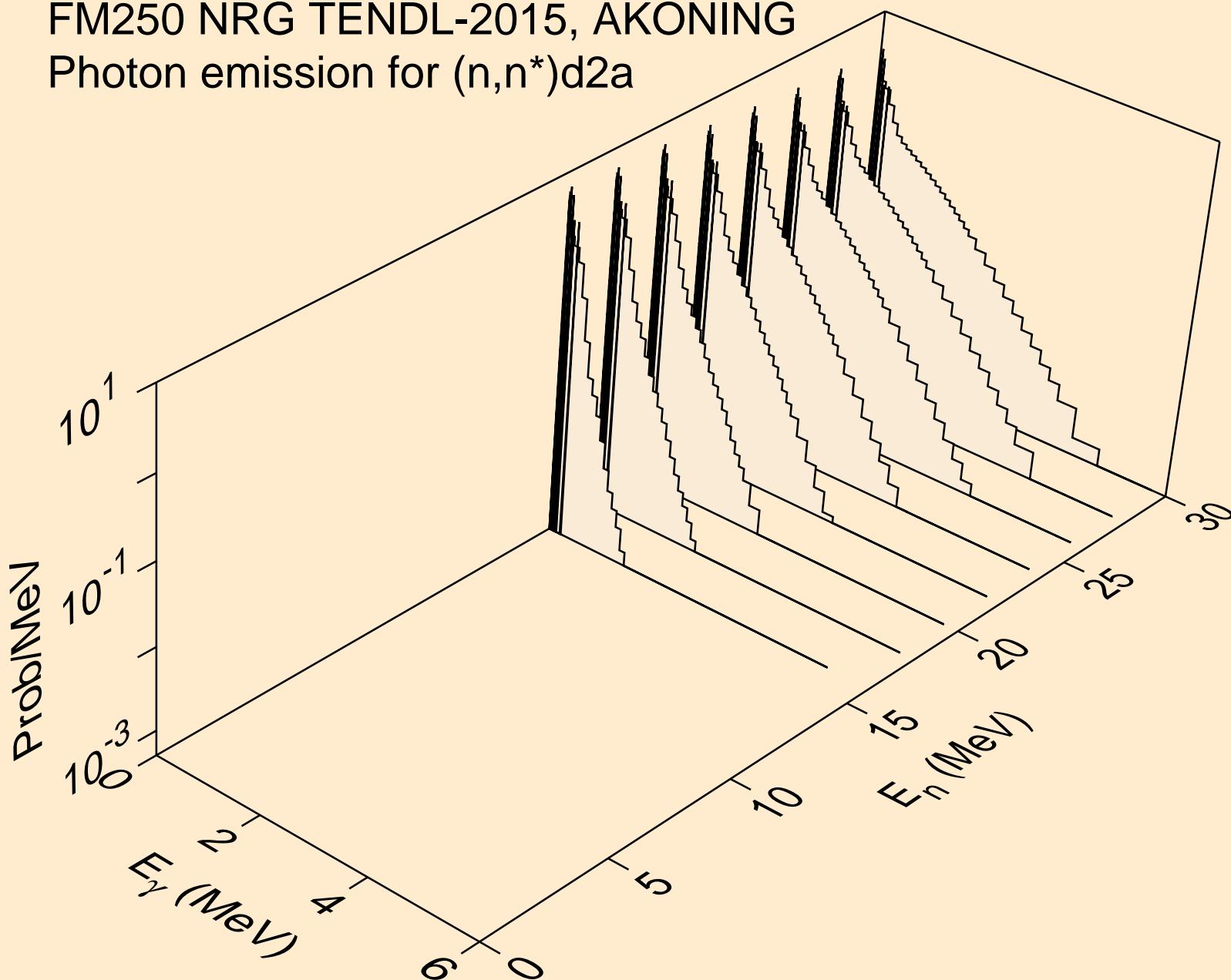
FM250 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



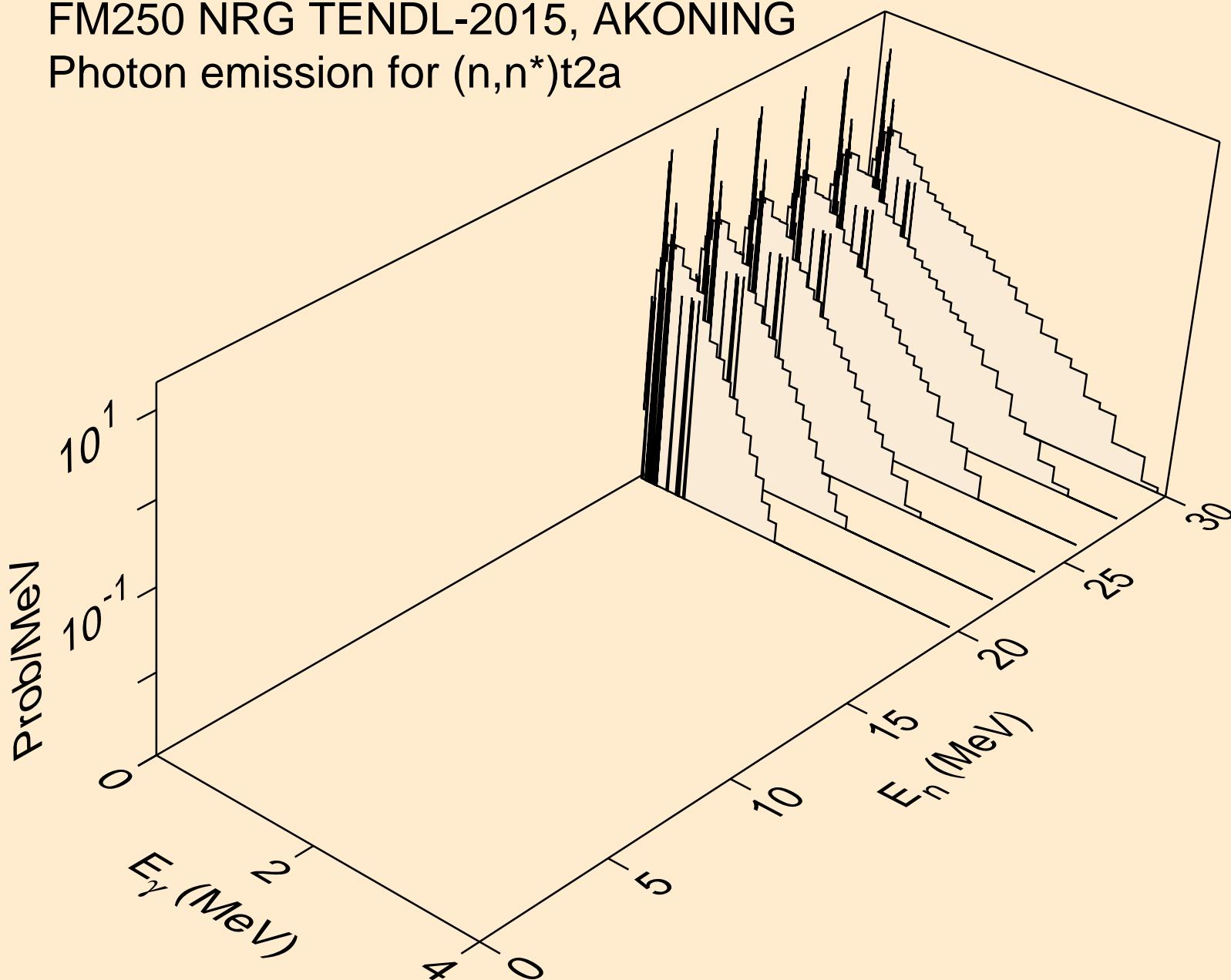
FM250 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



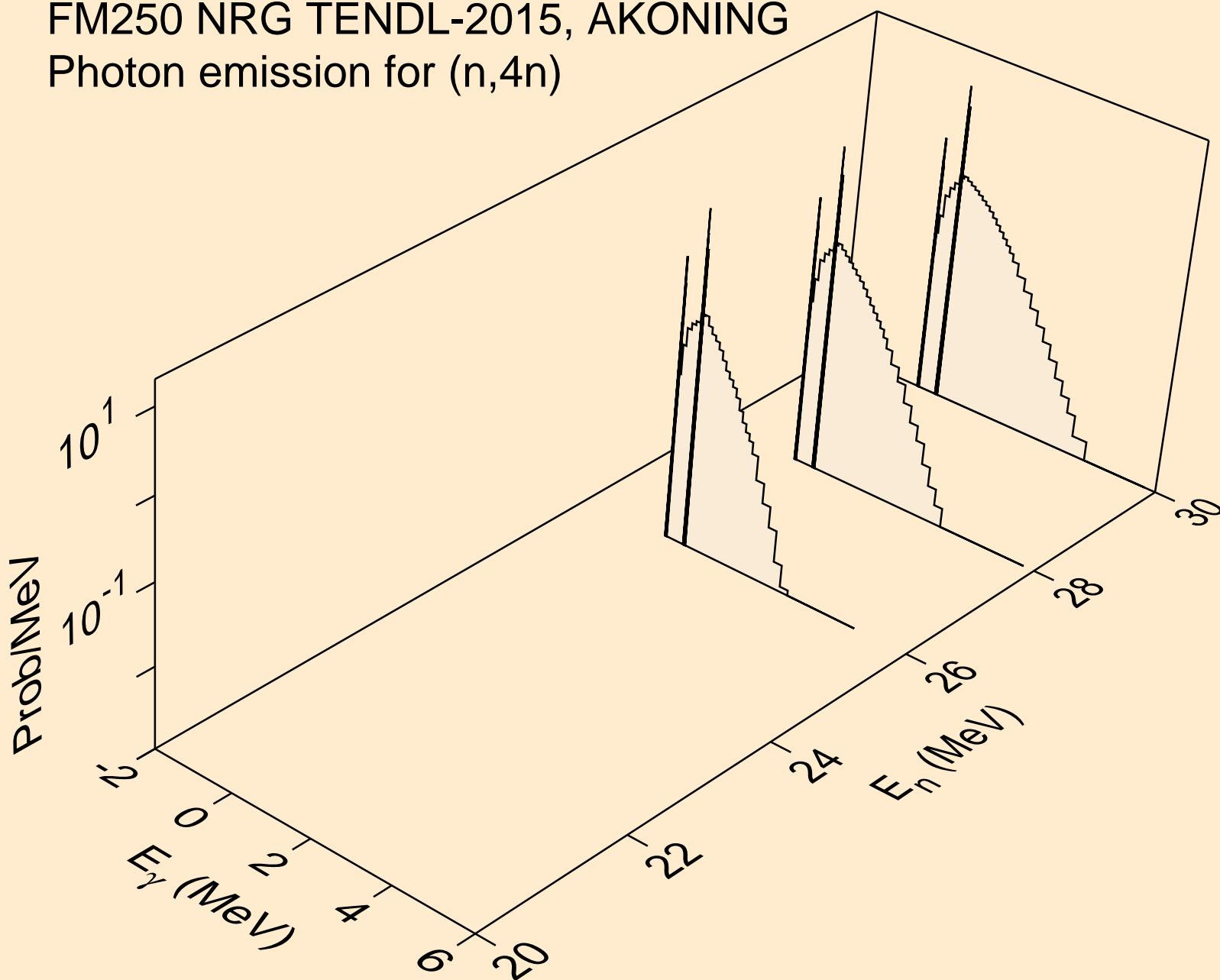
FM250 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d2a$



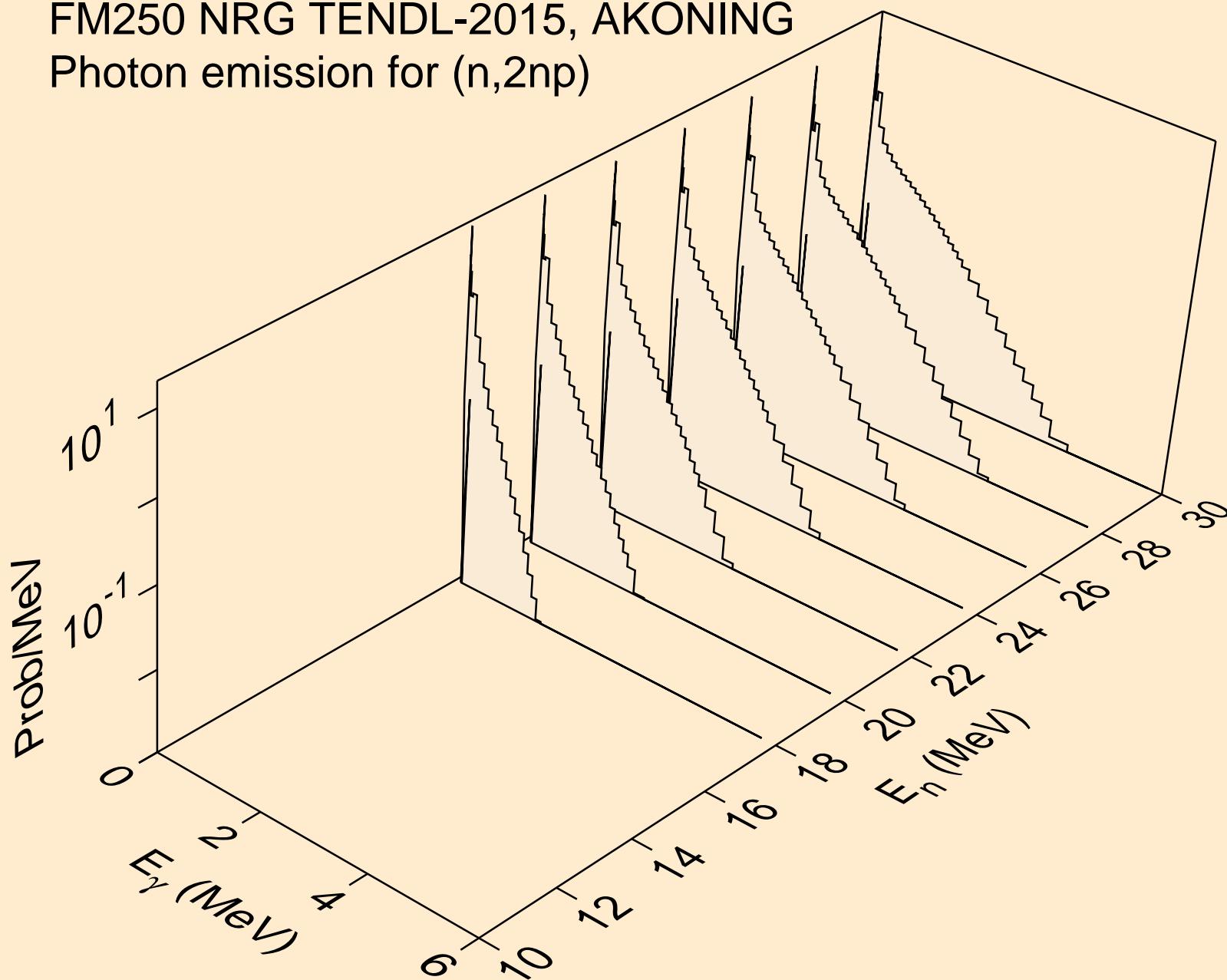
FM250 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t2a$



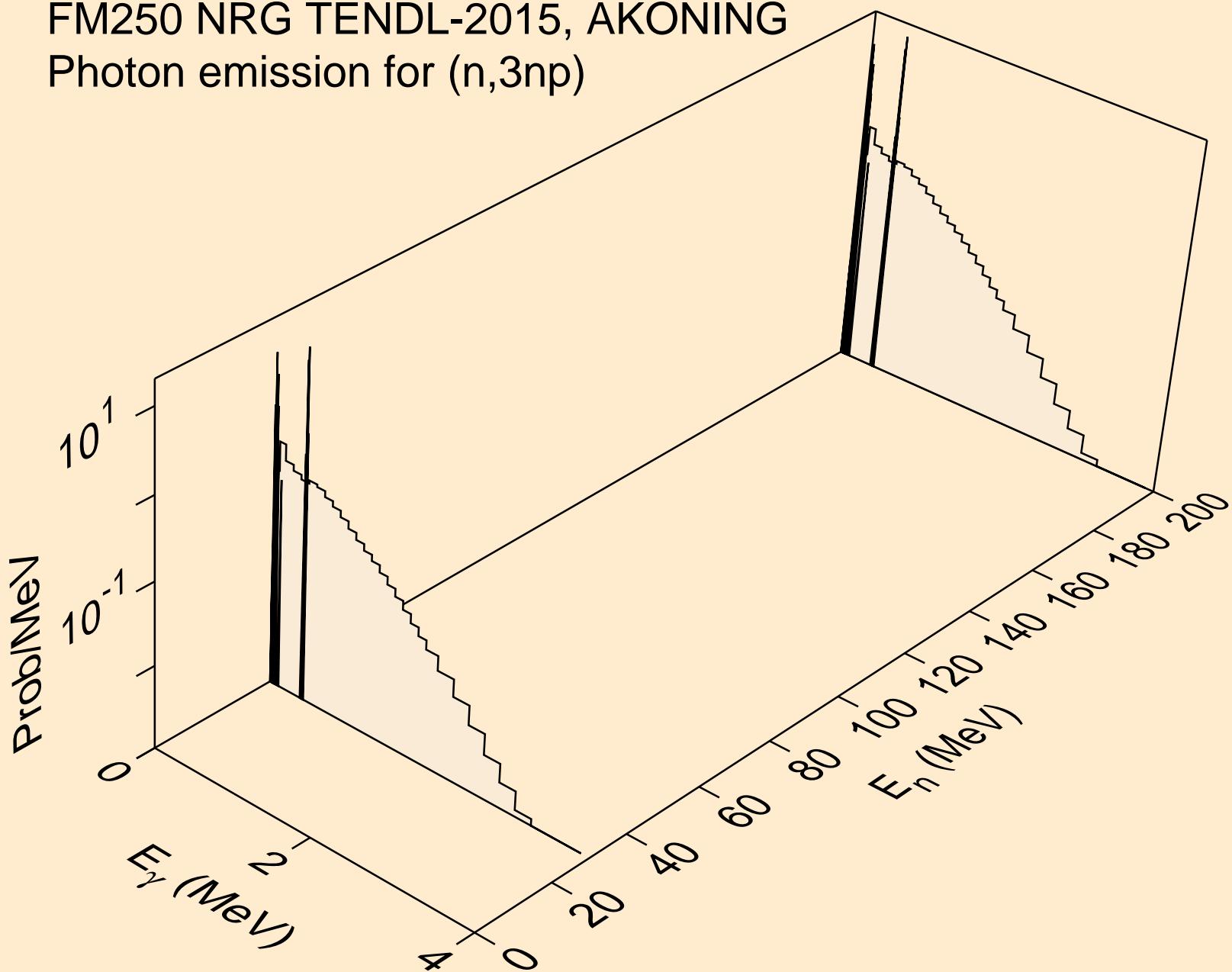
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



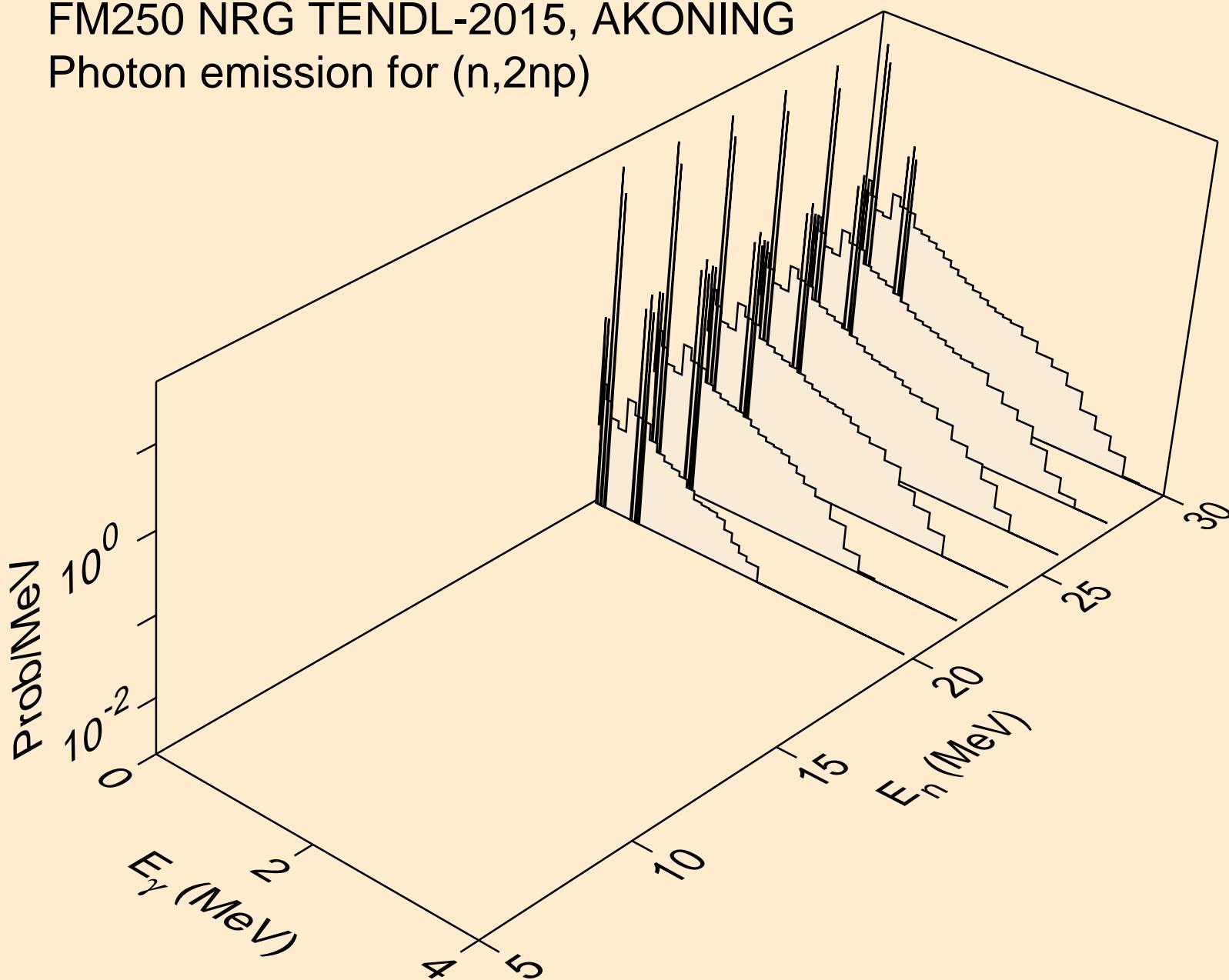
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



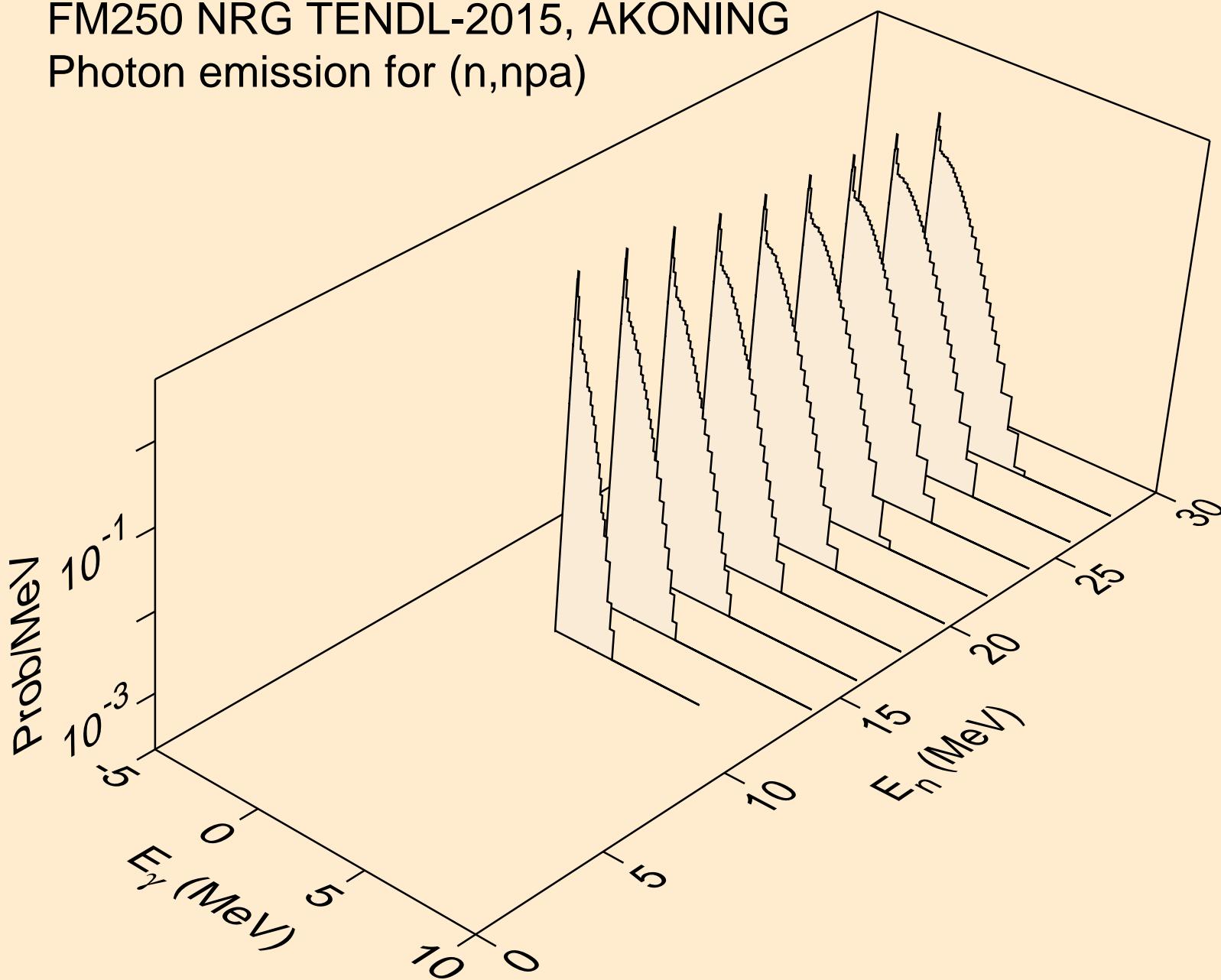
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



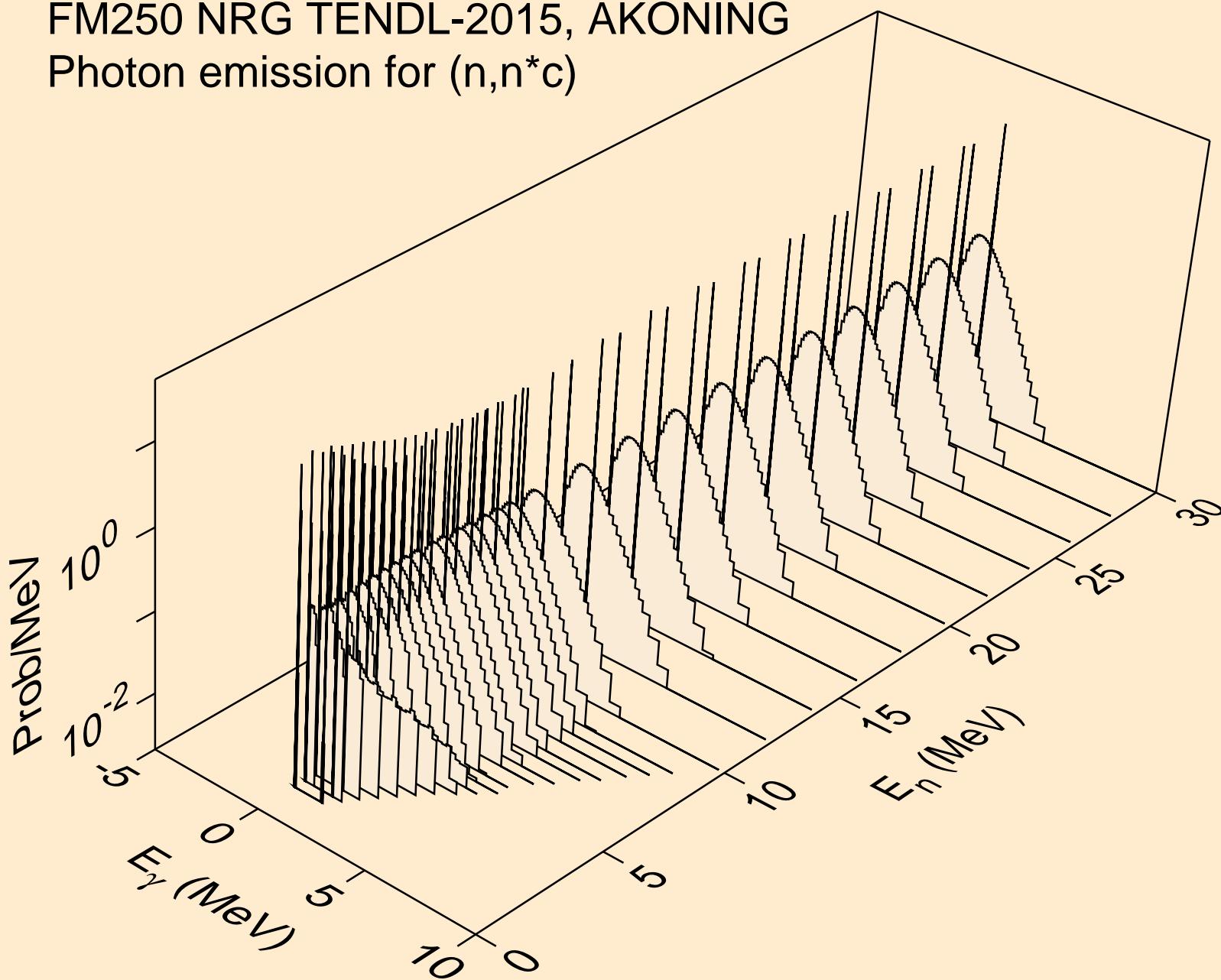
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



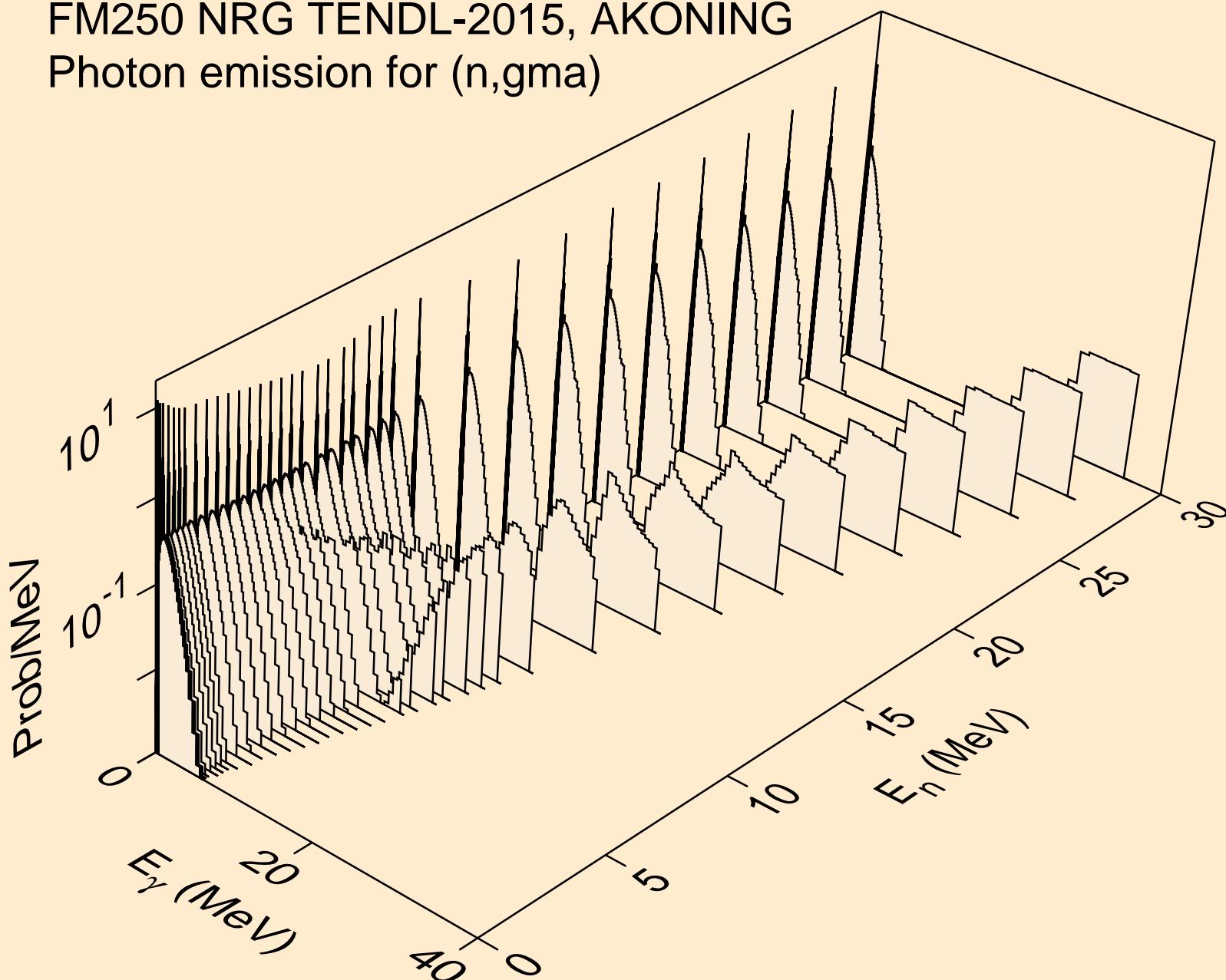
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



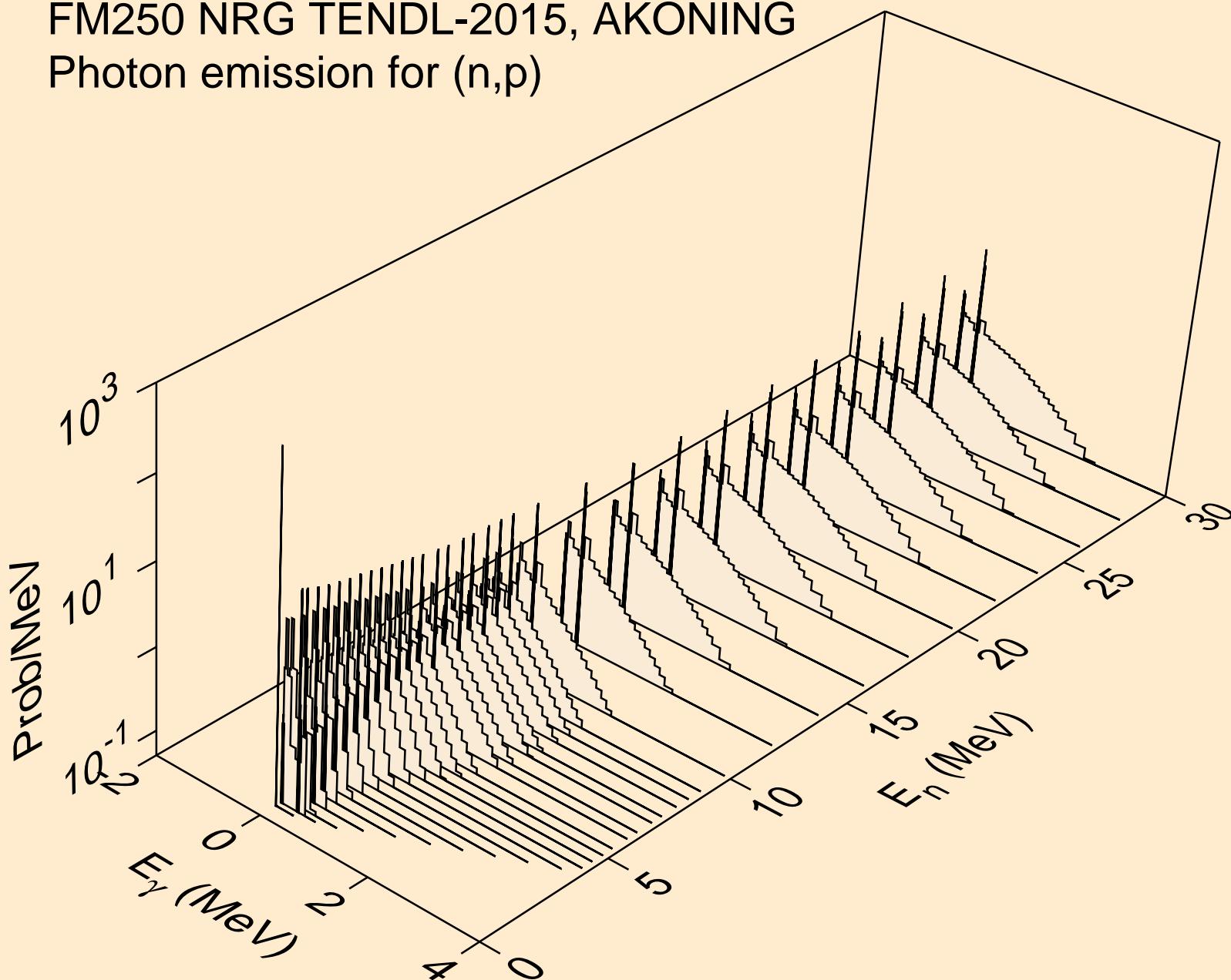
FM250 NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^* c$ )



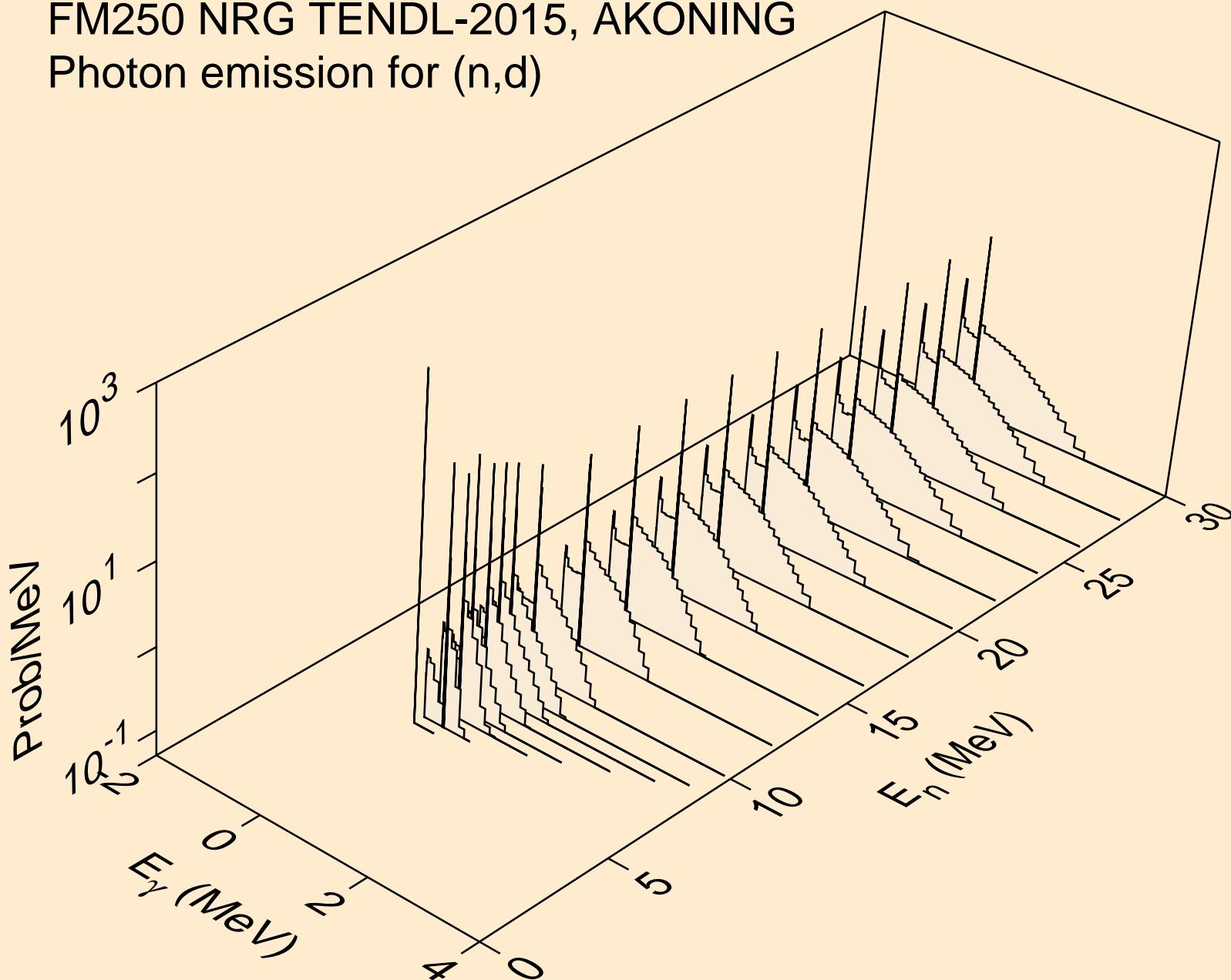
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



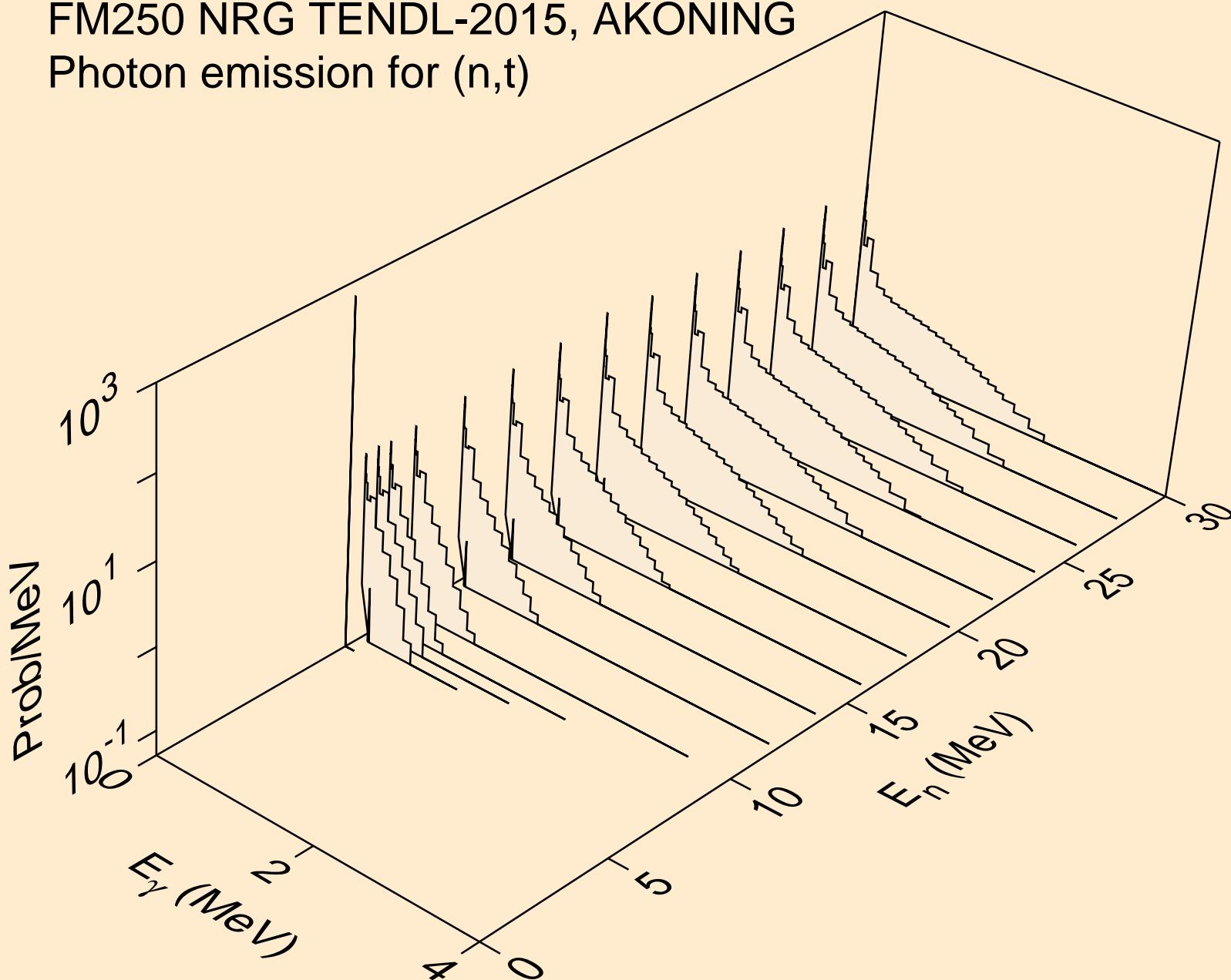
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



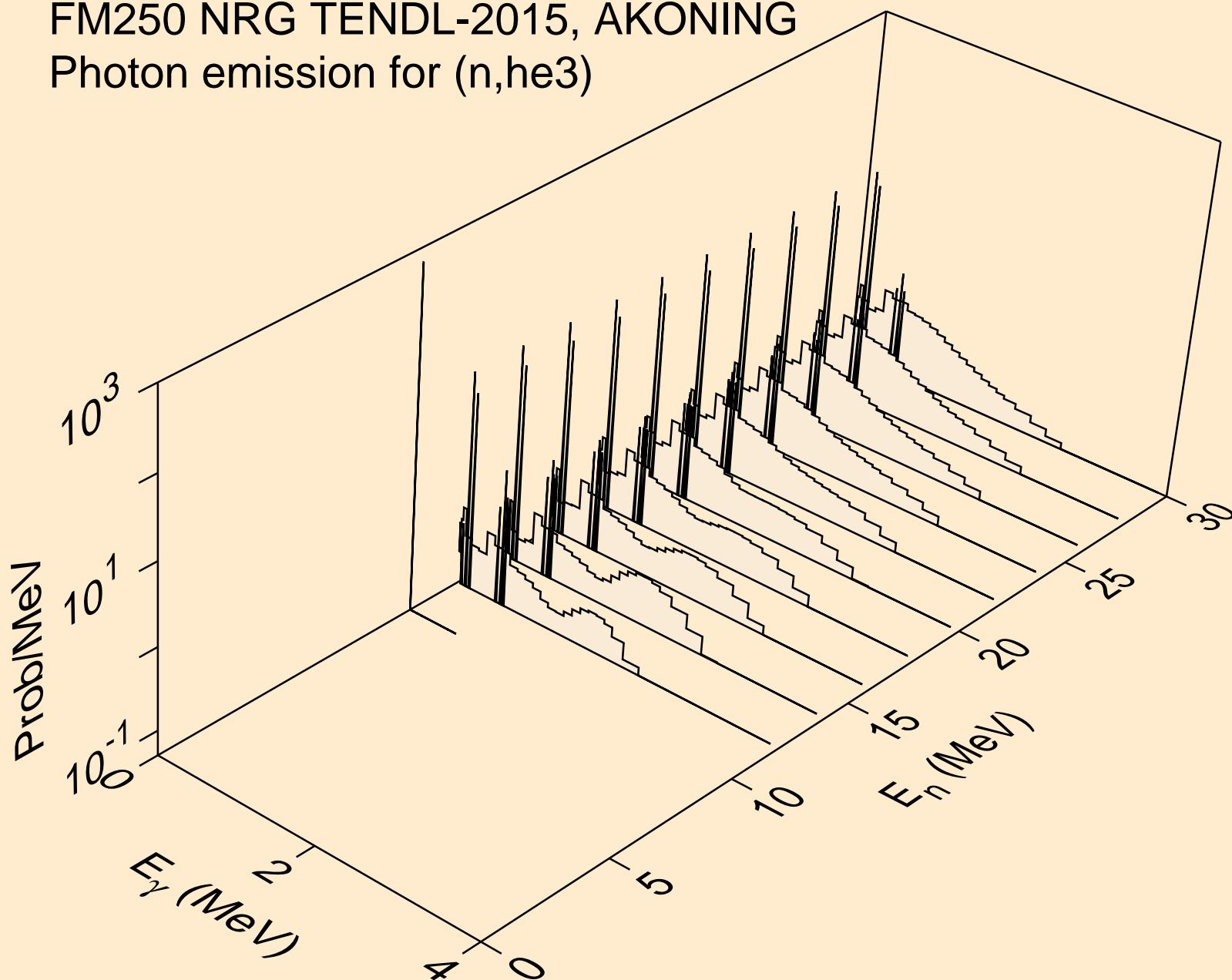
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



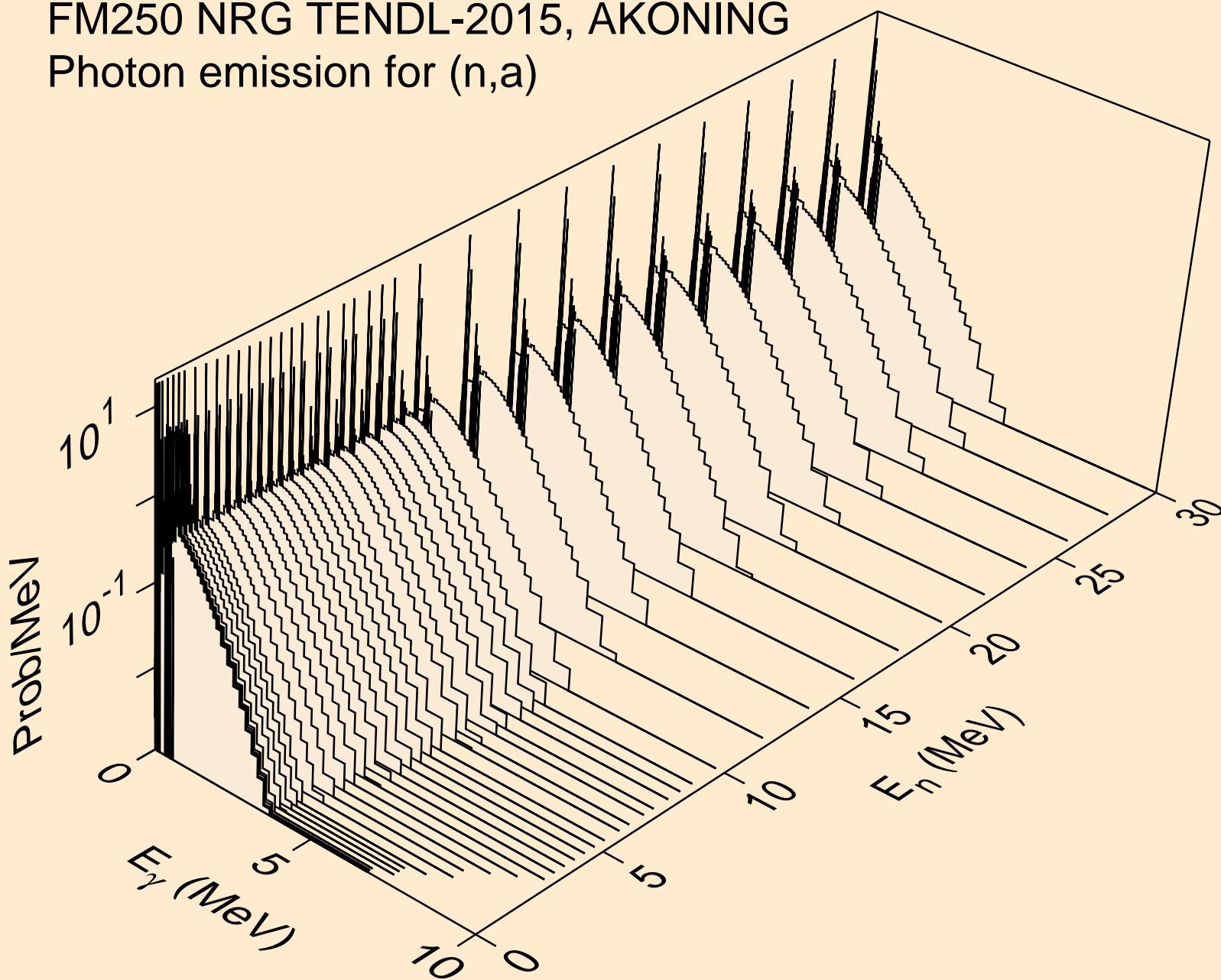
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



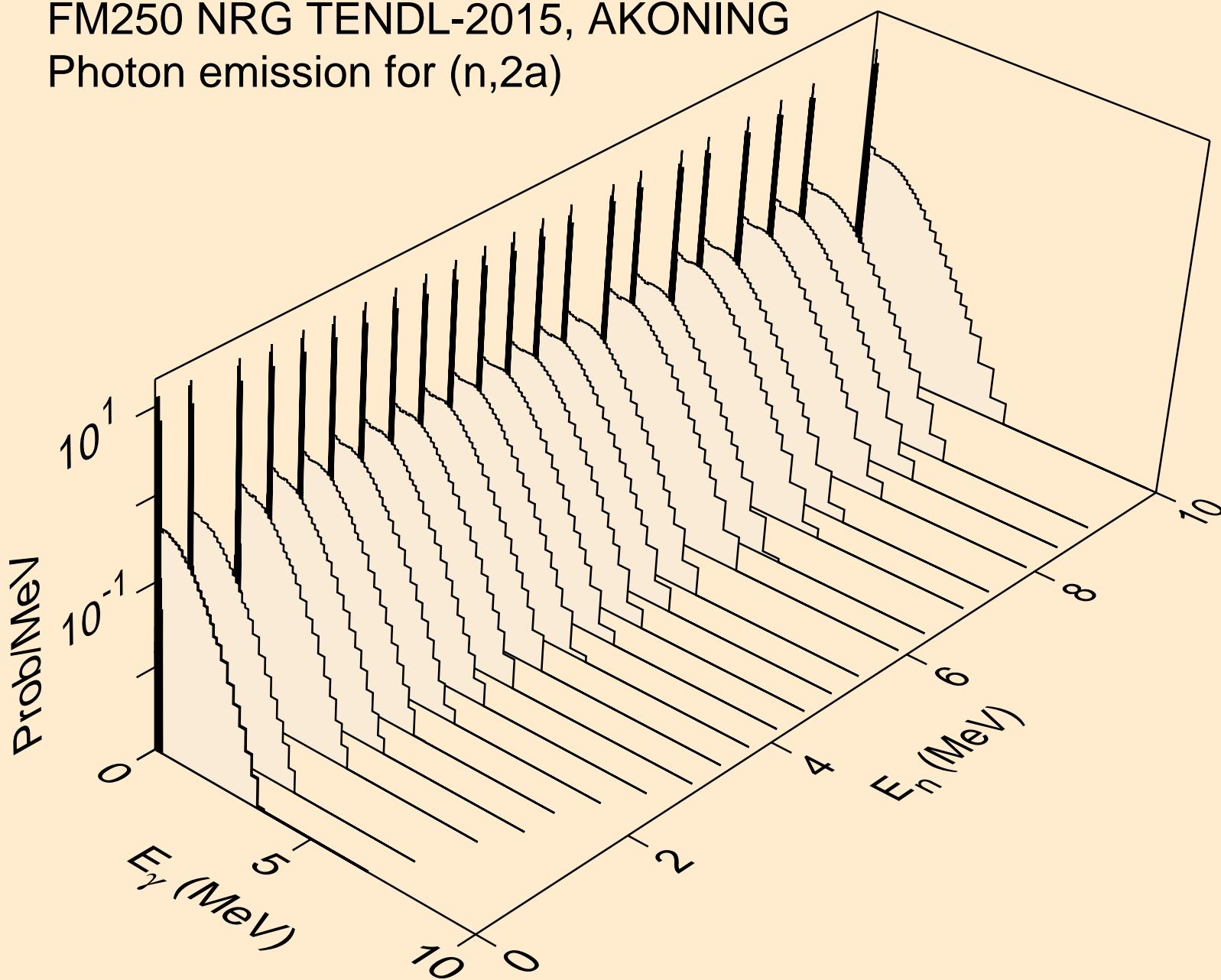
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



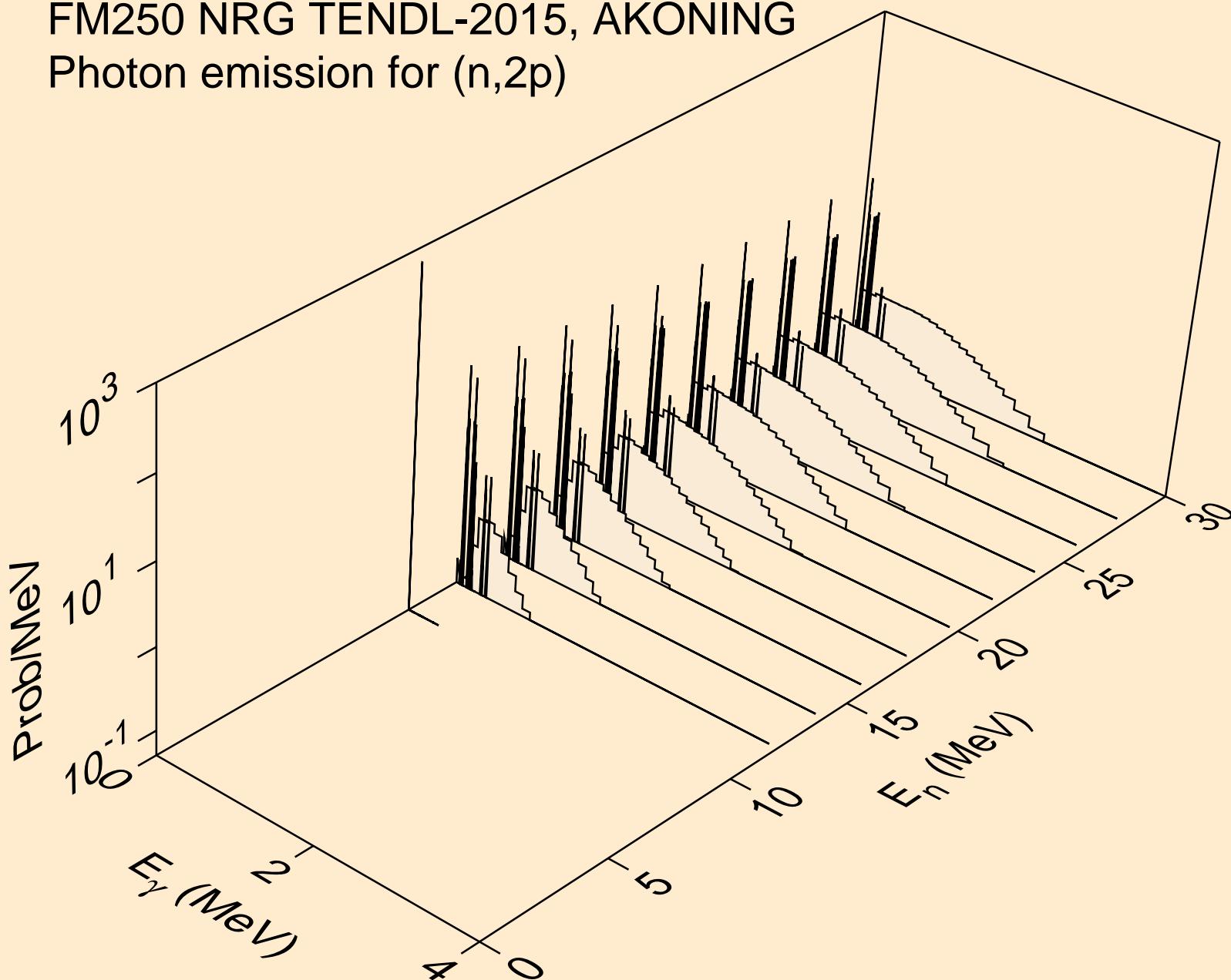
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



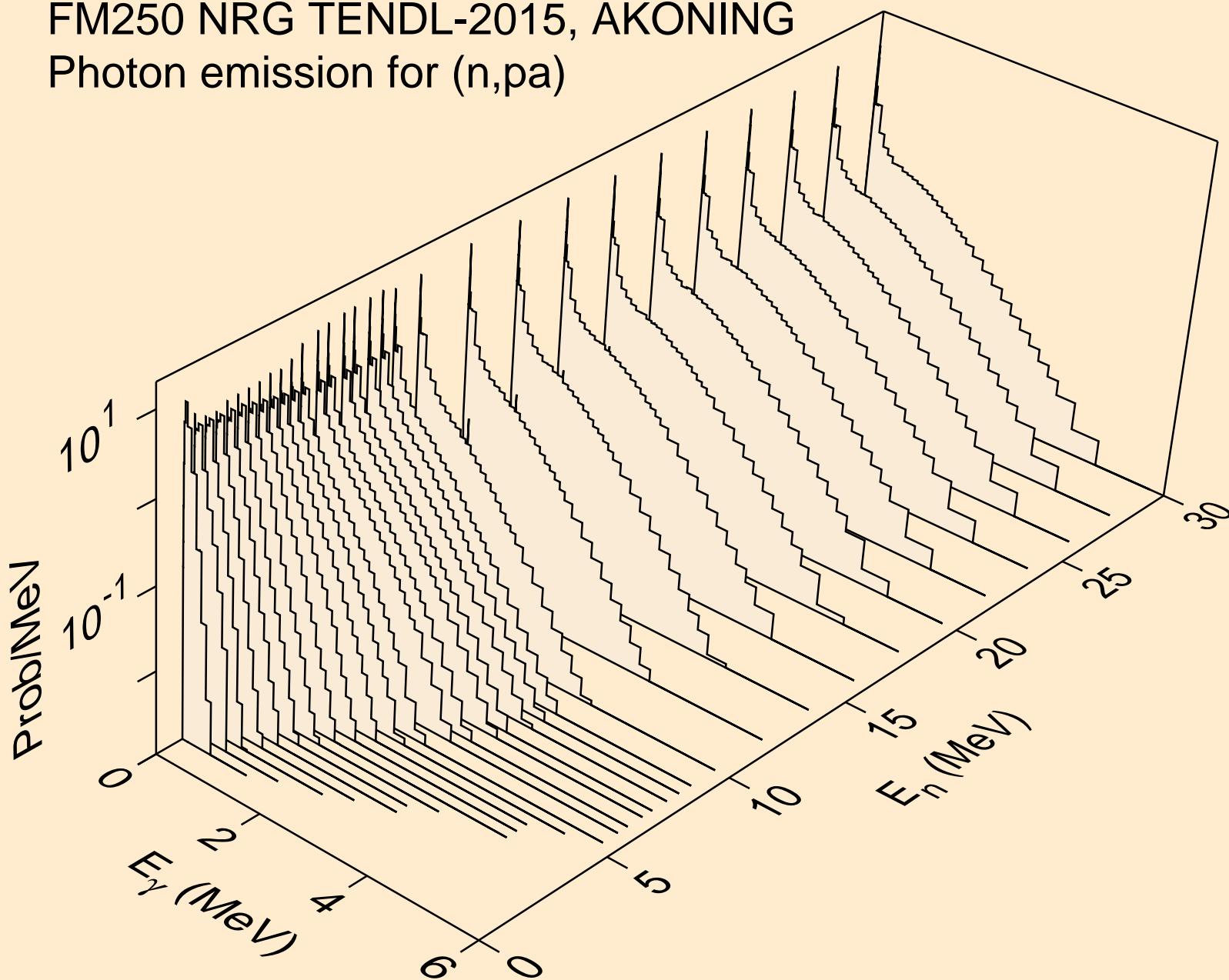
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



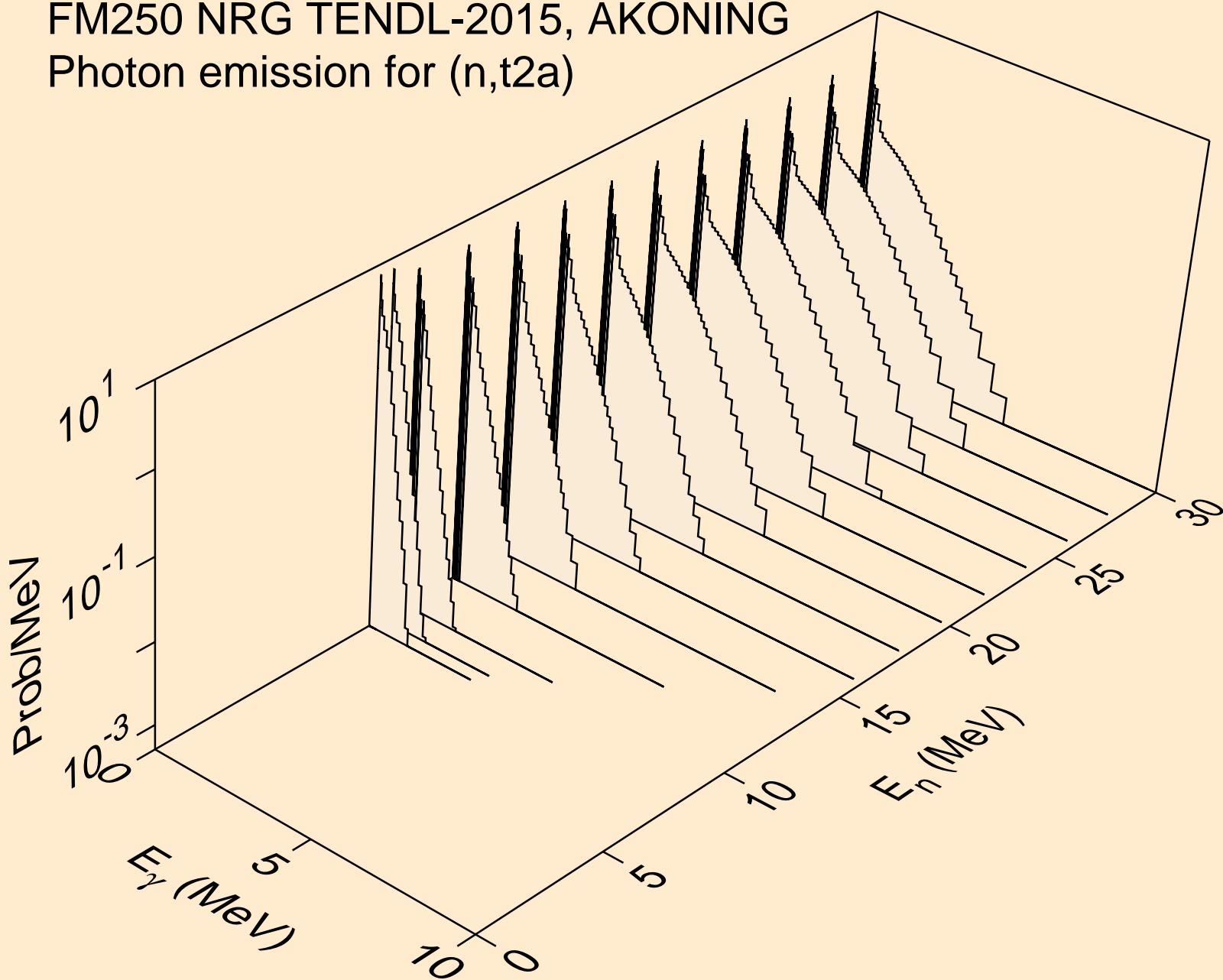
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



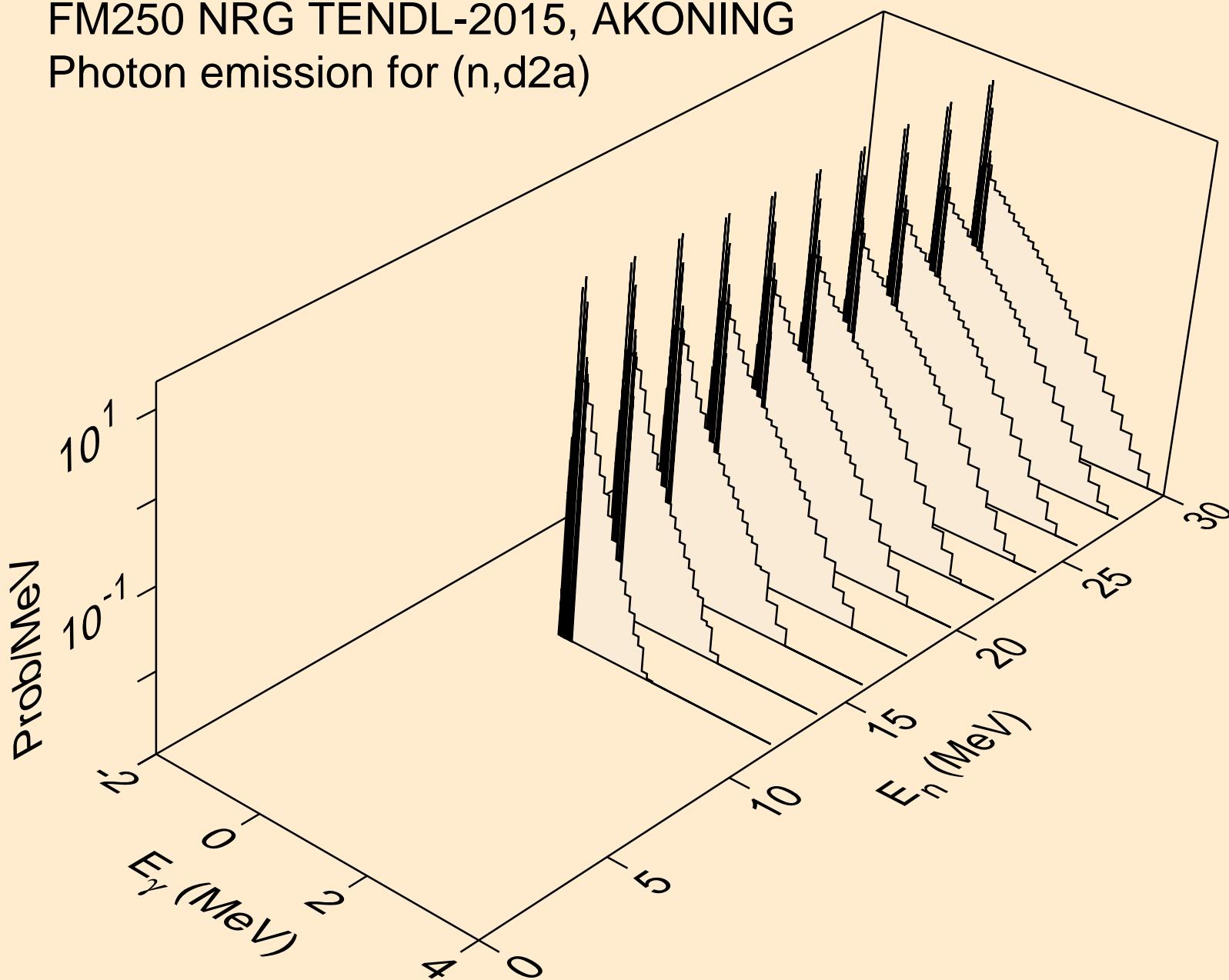
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



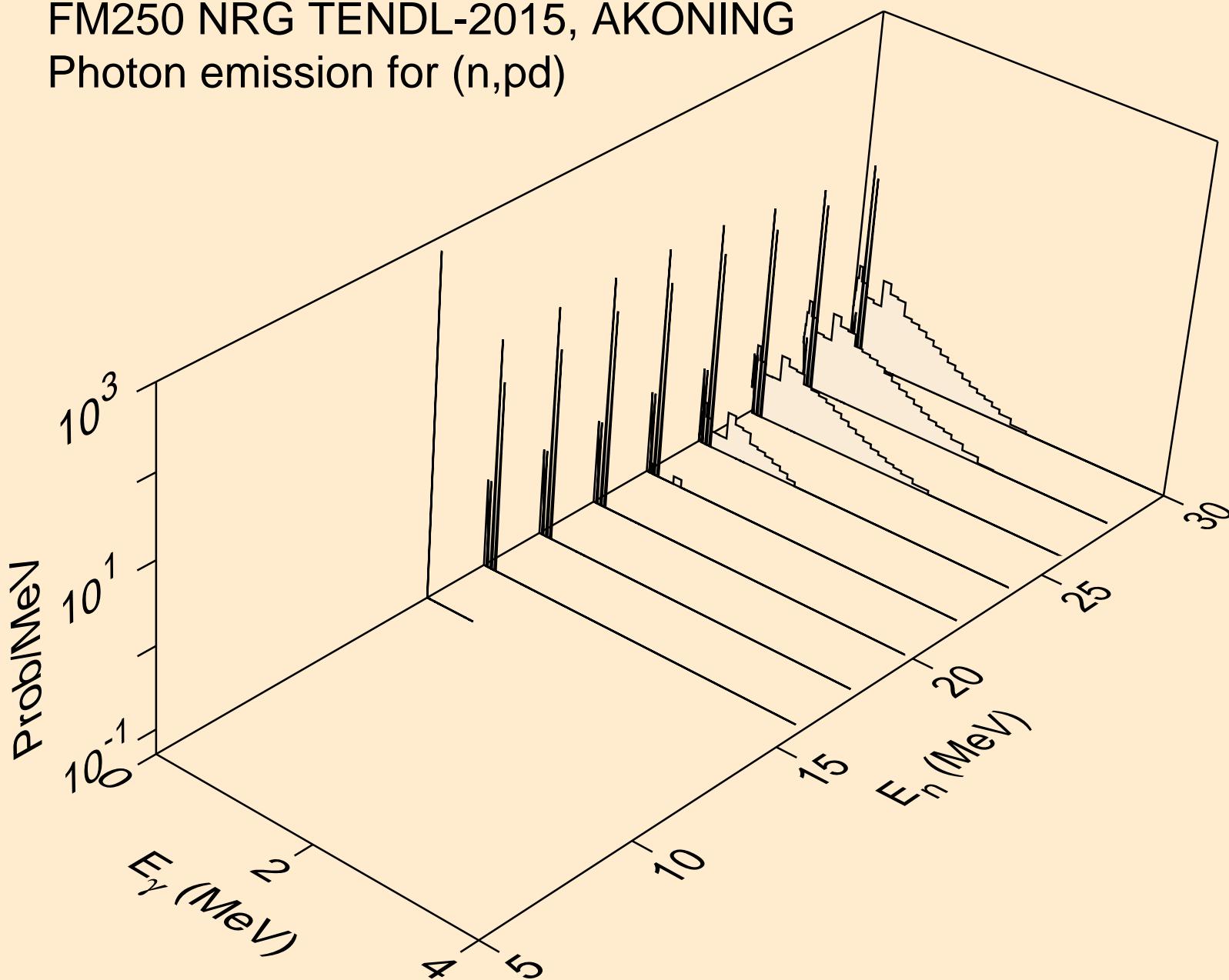
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



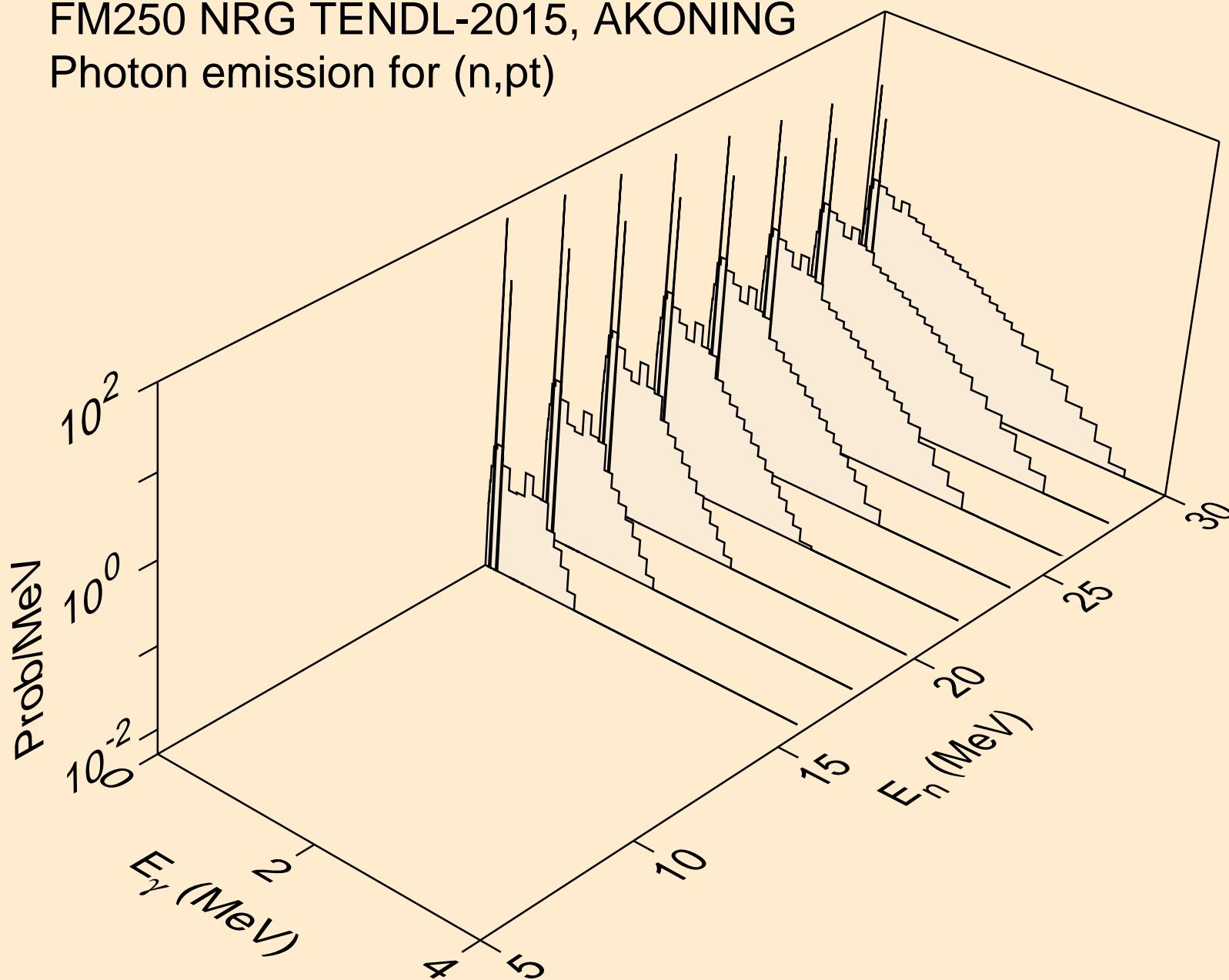
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



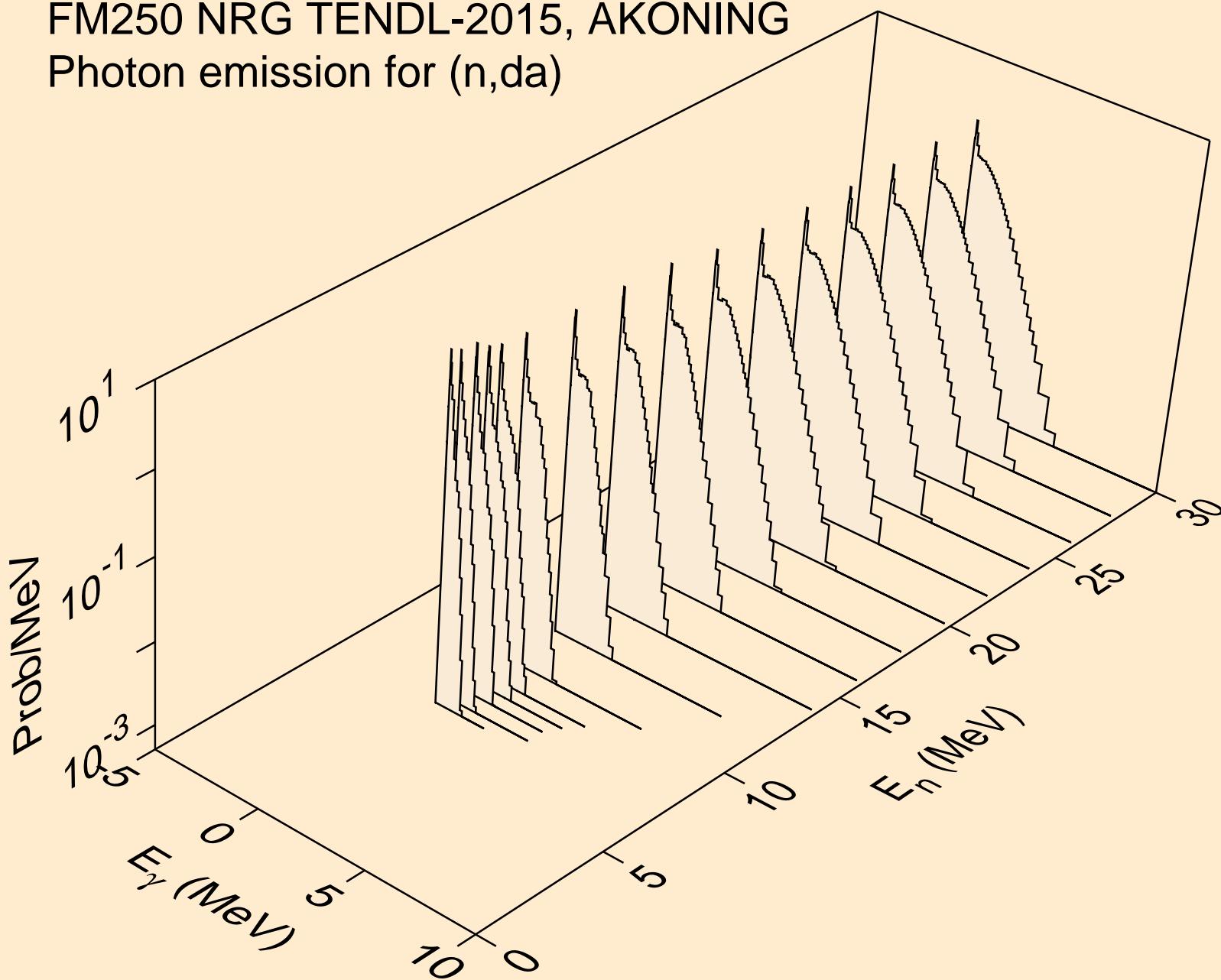
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



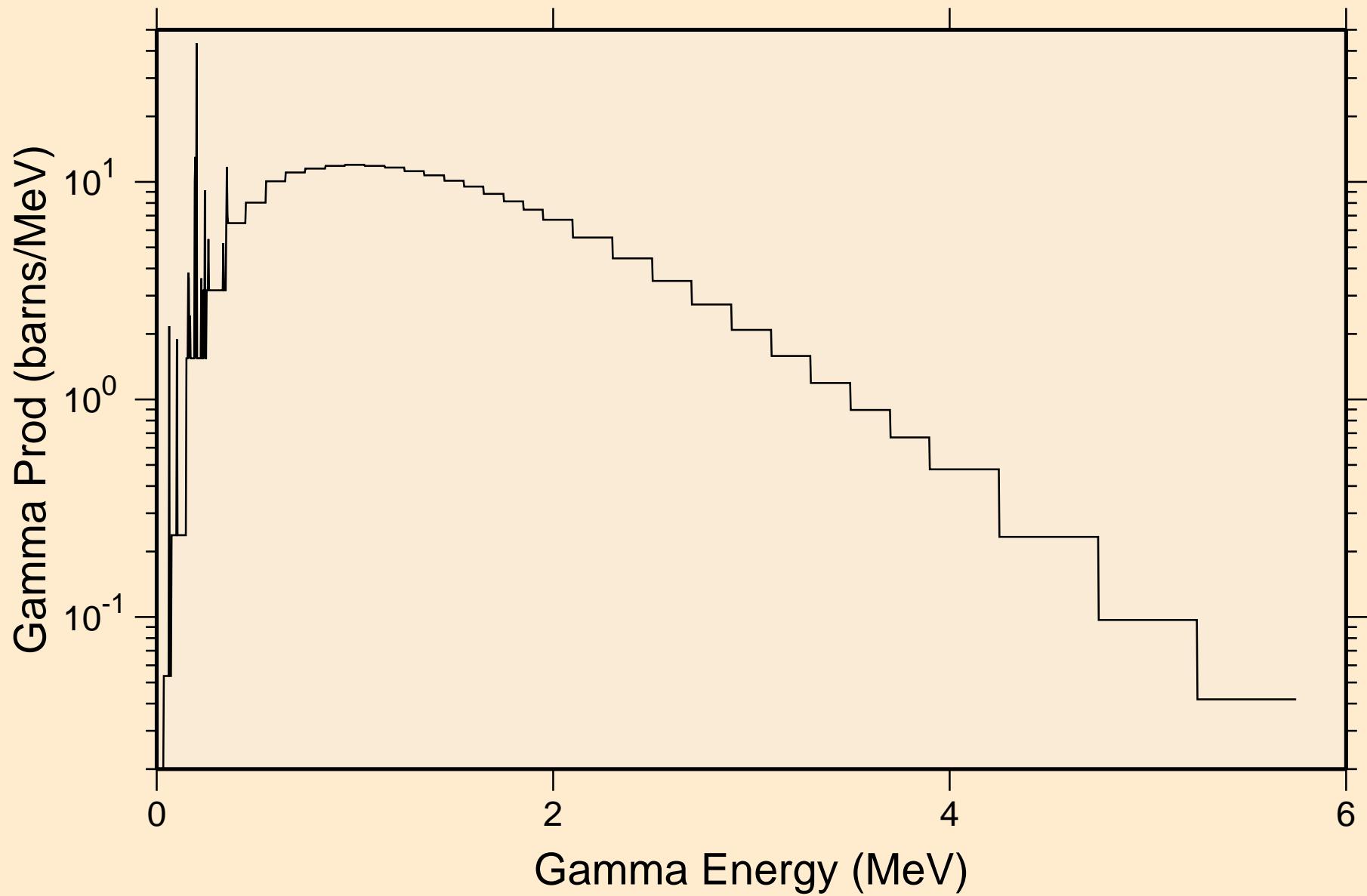
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



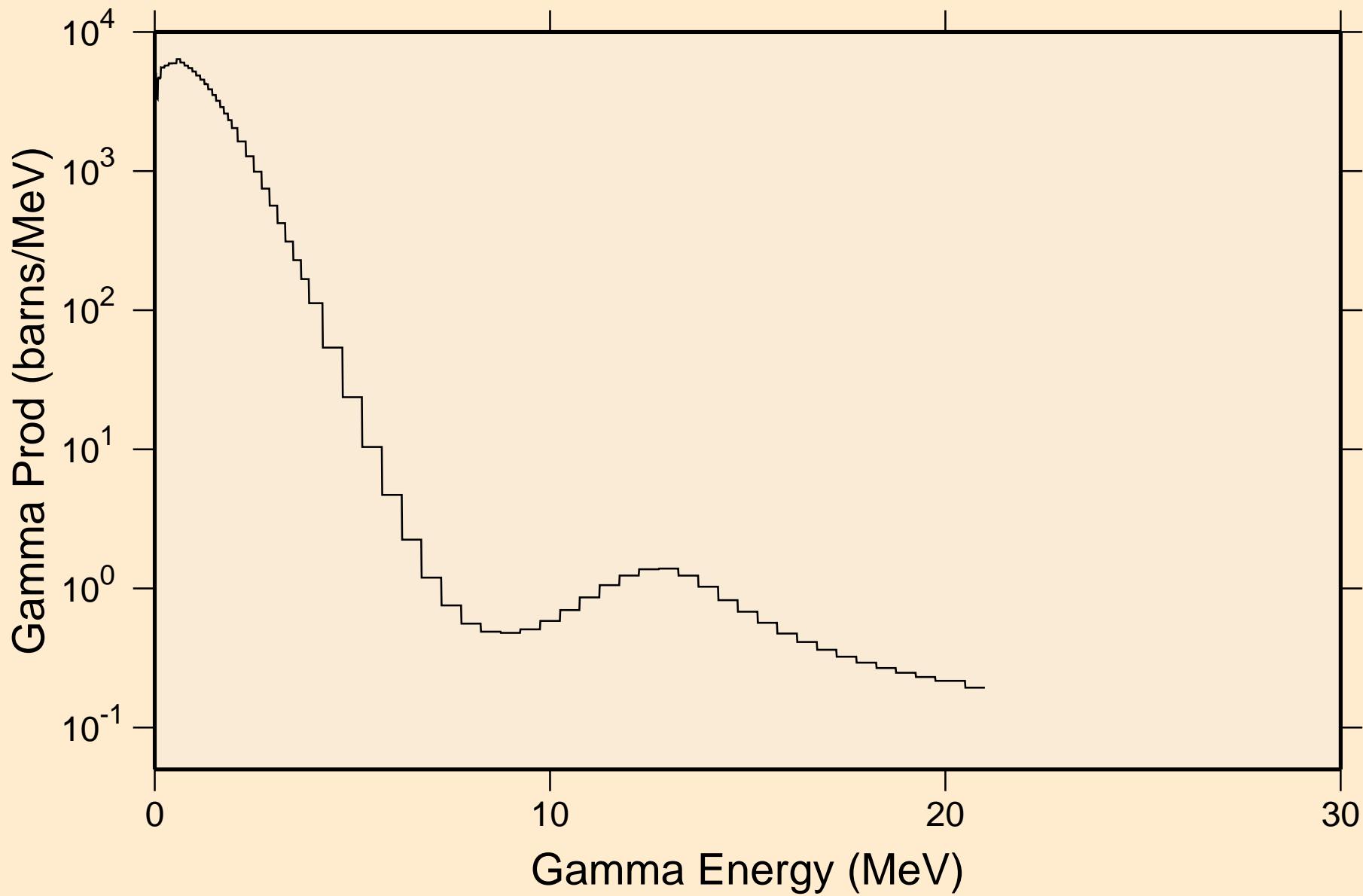
FM250 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



FM250 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

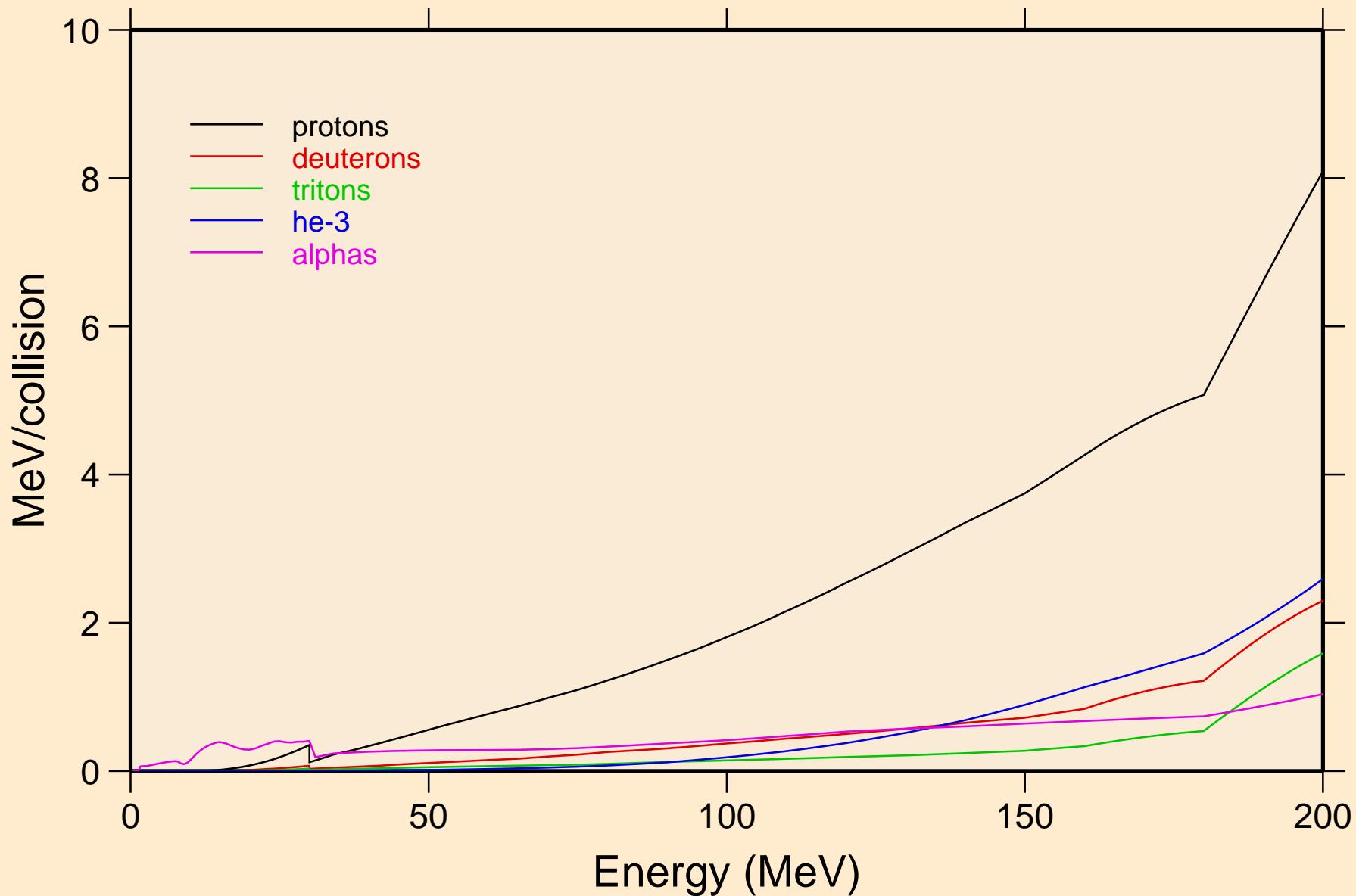


FM250 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



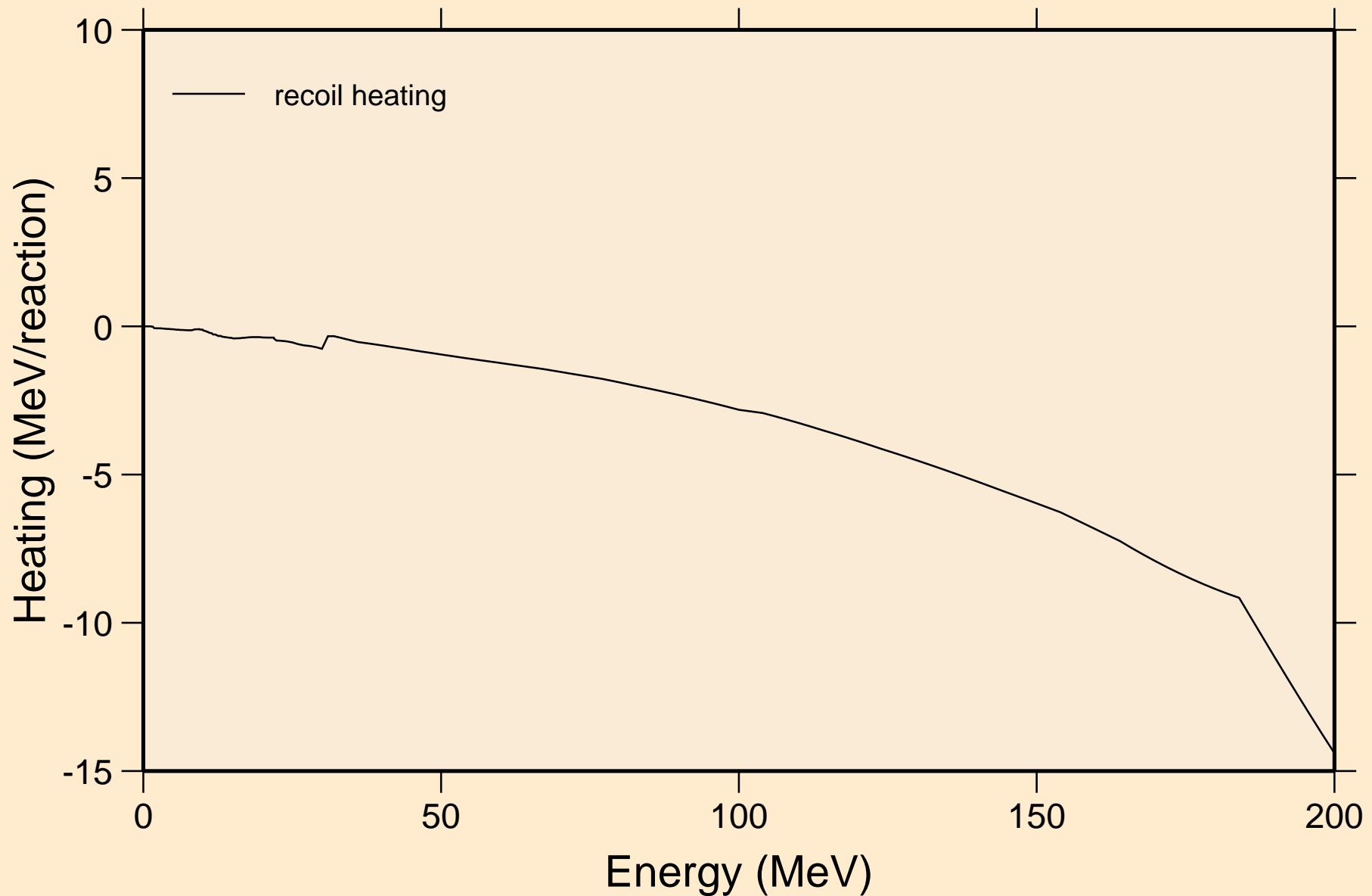
# FM250 NRG TENDL-2015, AKONING

## Particle heating contributions



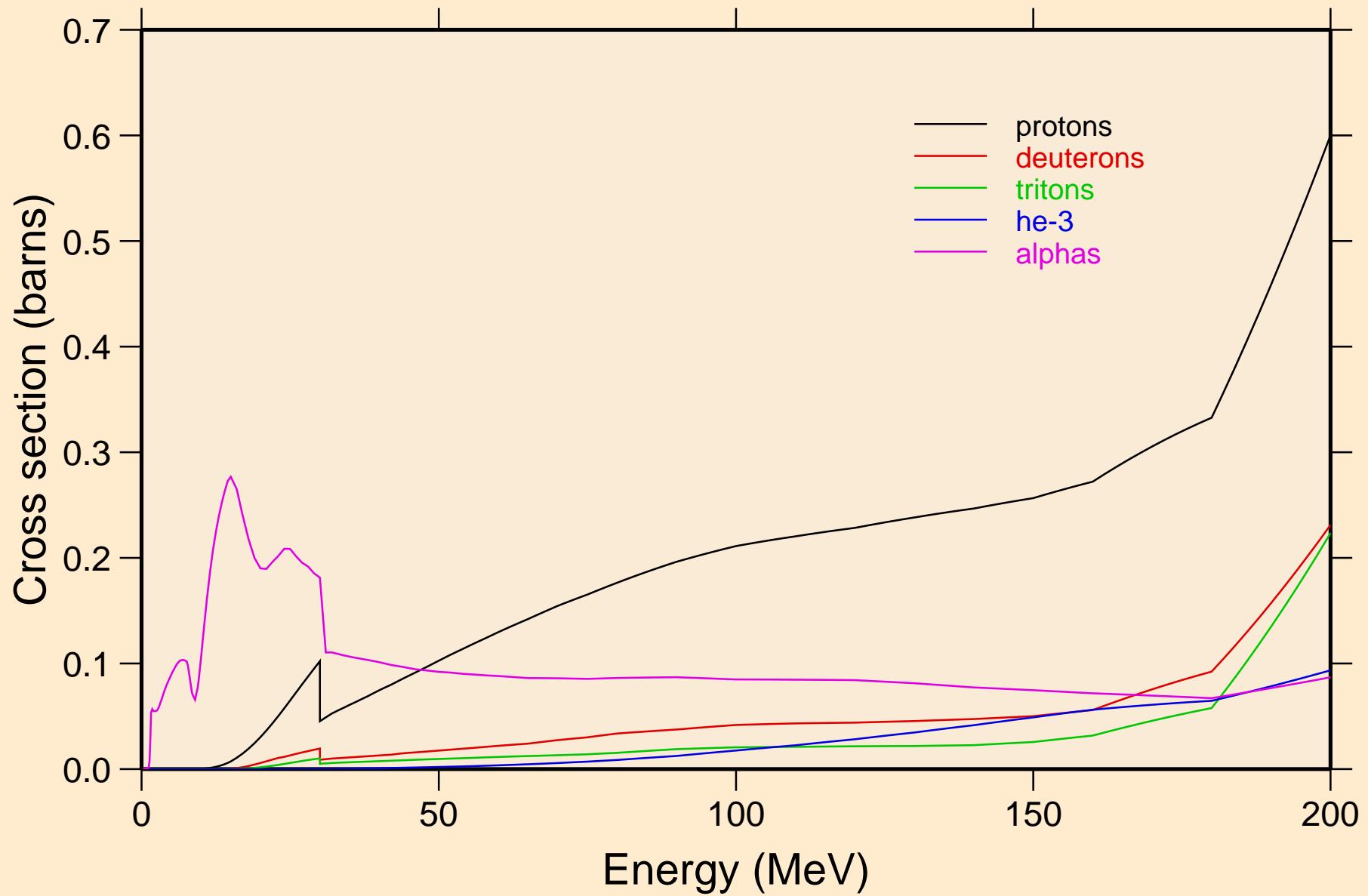
# FM250 NRG TENDL-2015, AKONING

## Recoil Heating

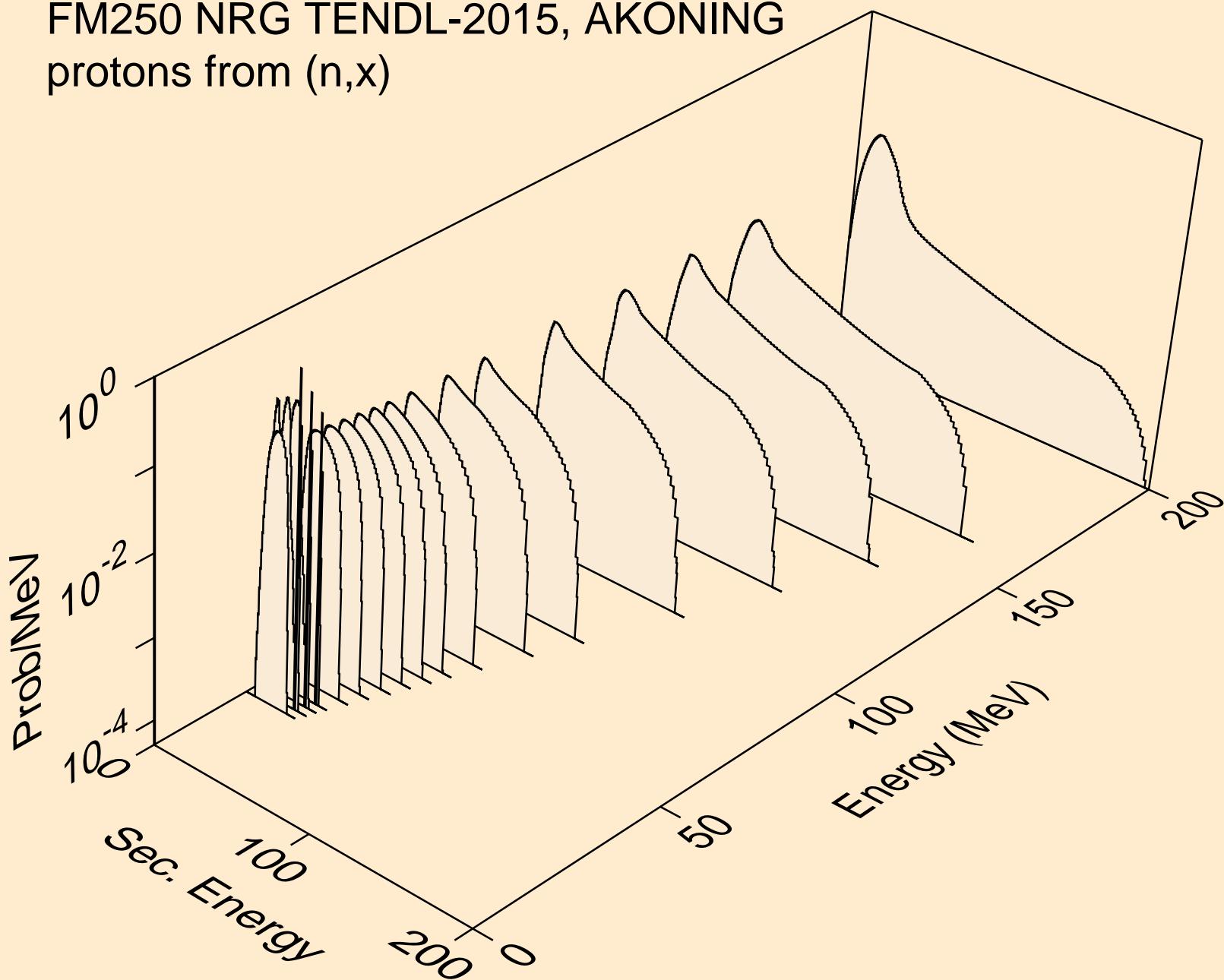


# FM250 NRG TENDL-2015, AKONING

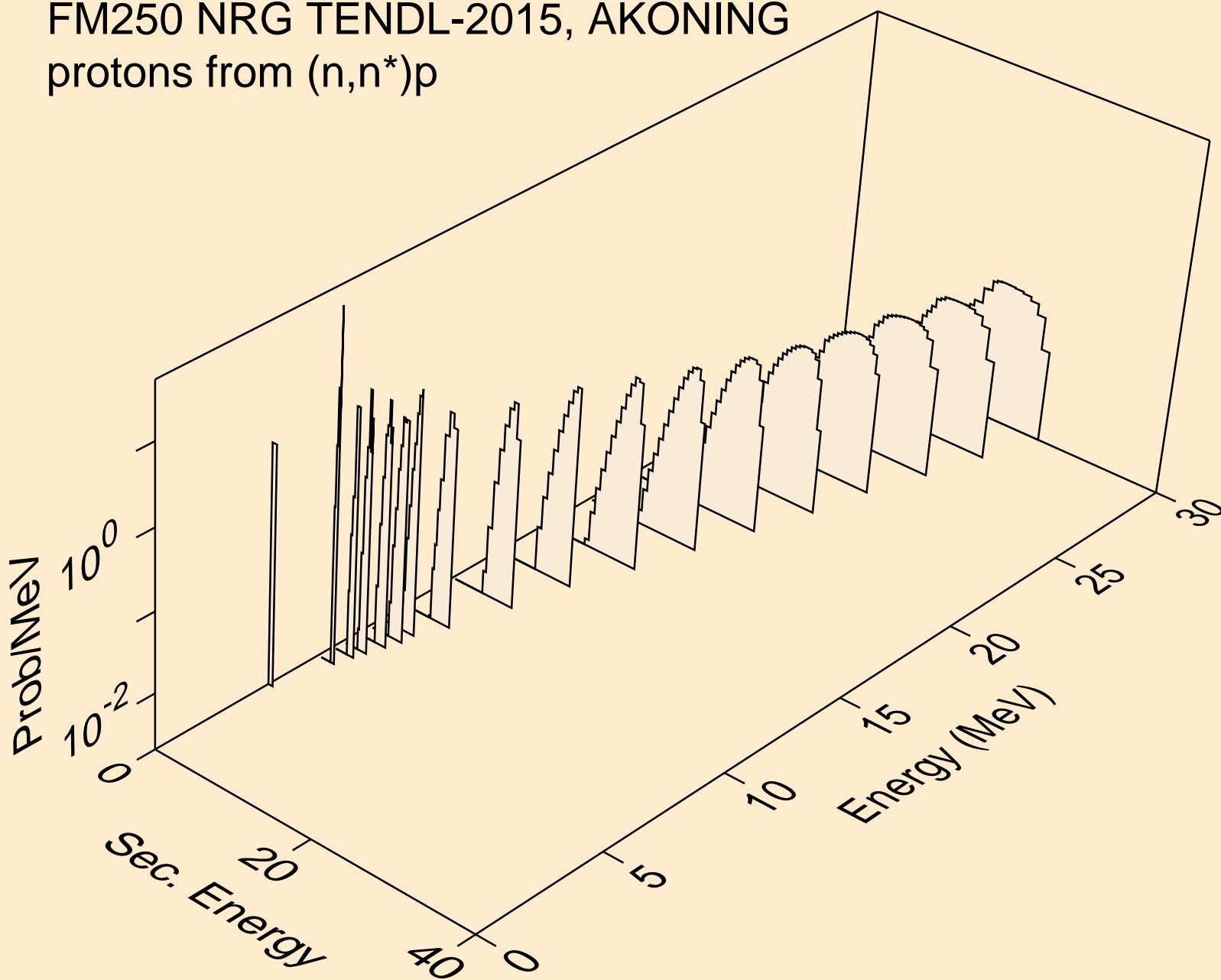
## Particle production cross sections



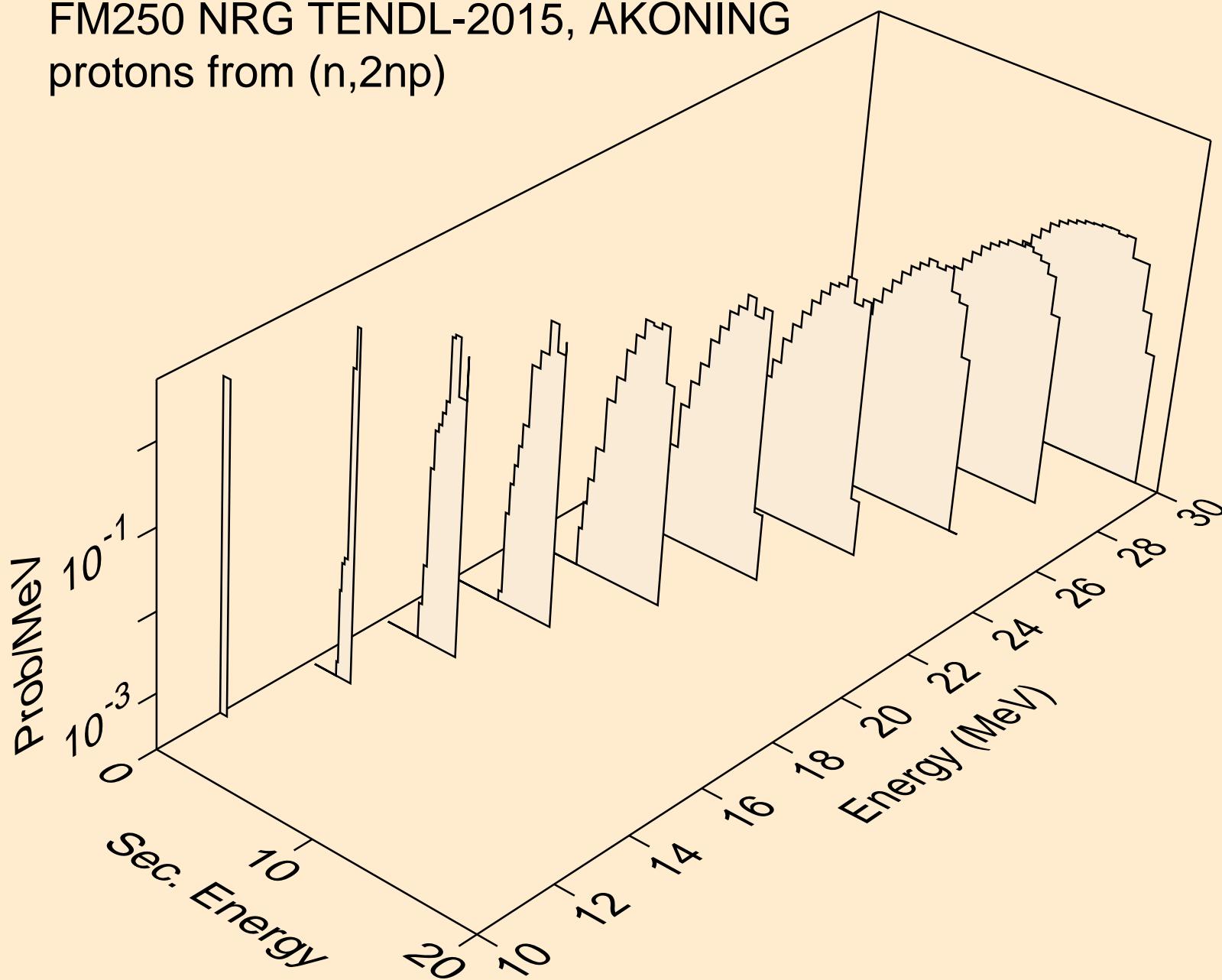
FM250 NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



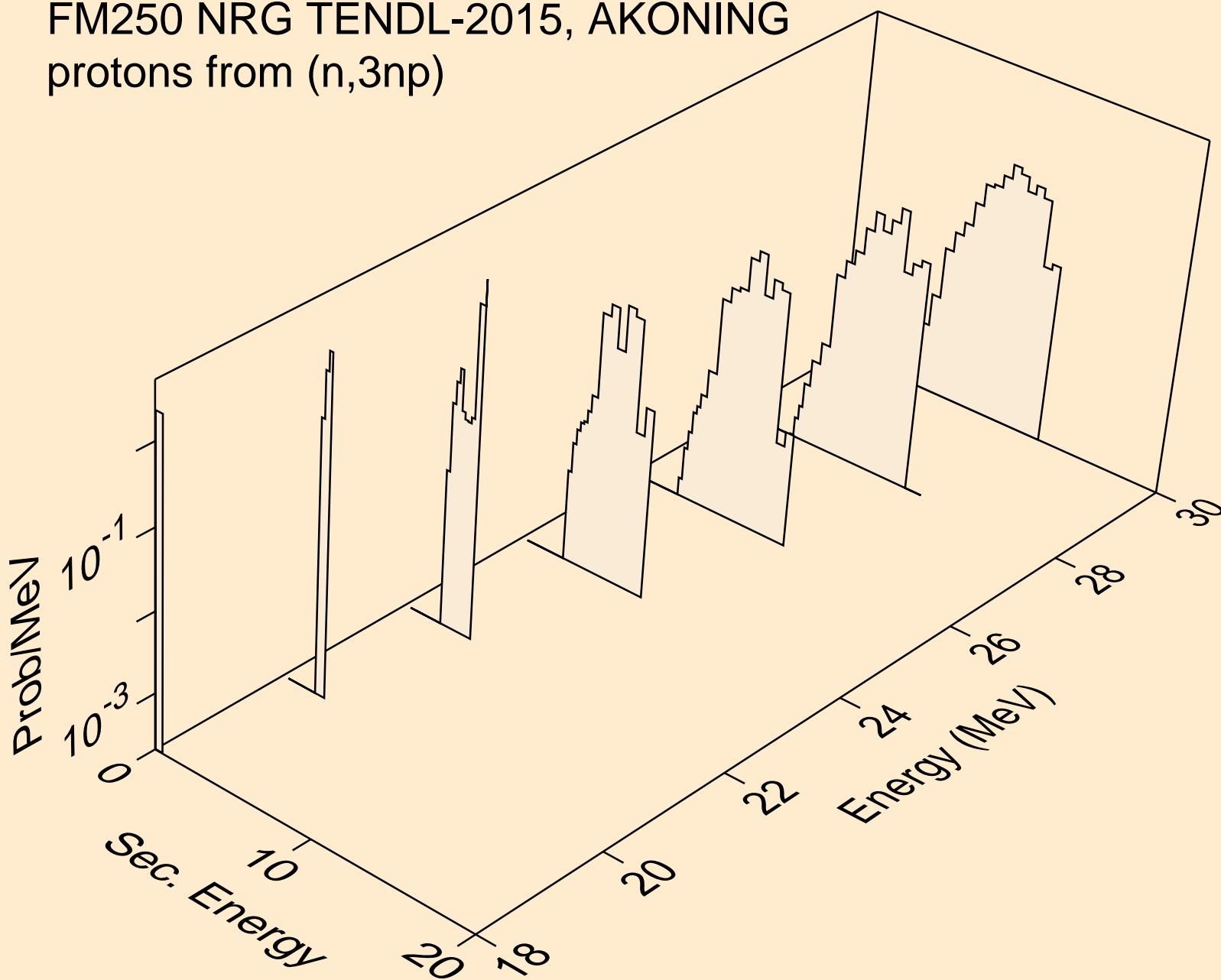
FM250 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



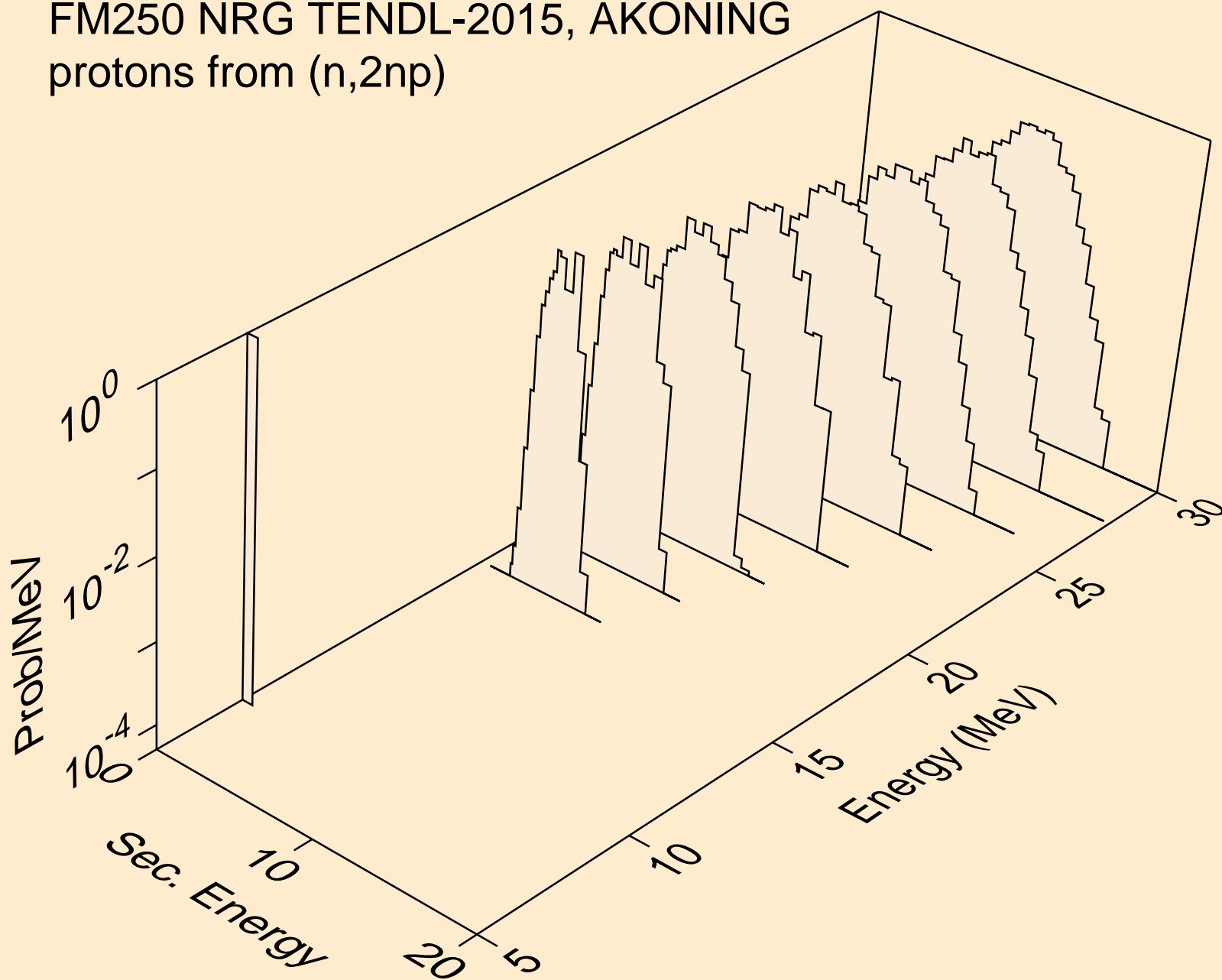
FM250 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



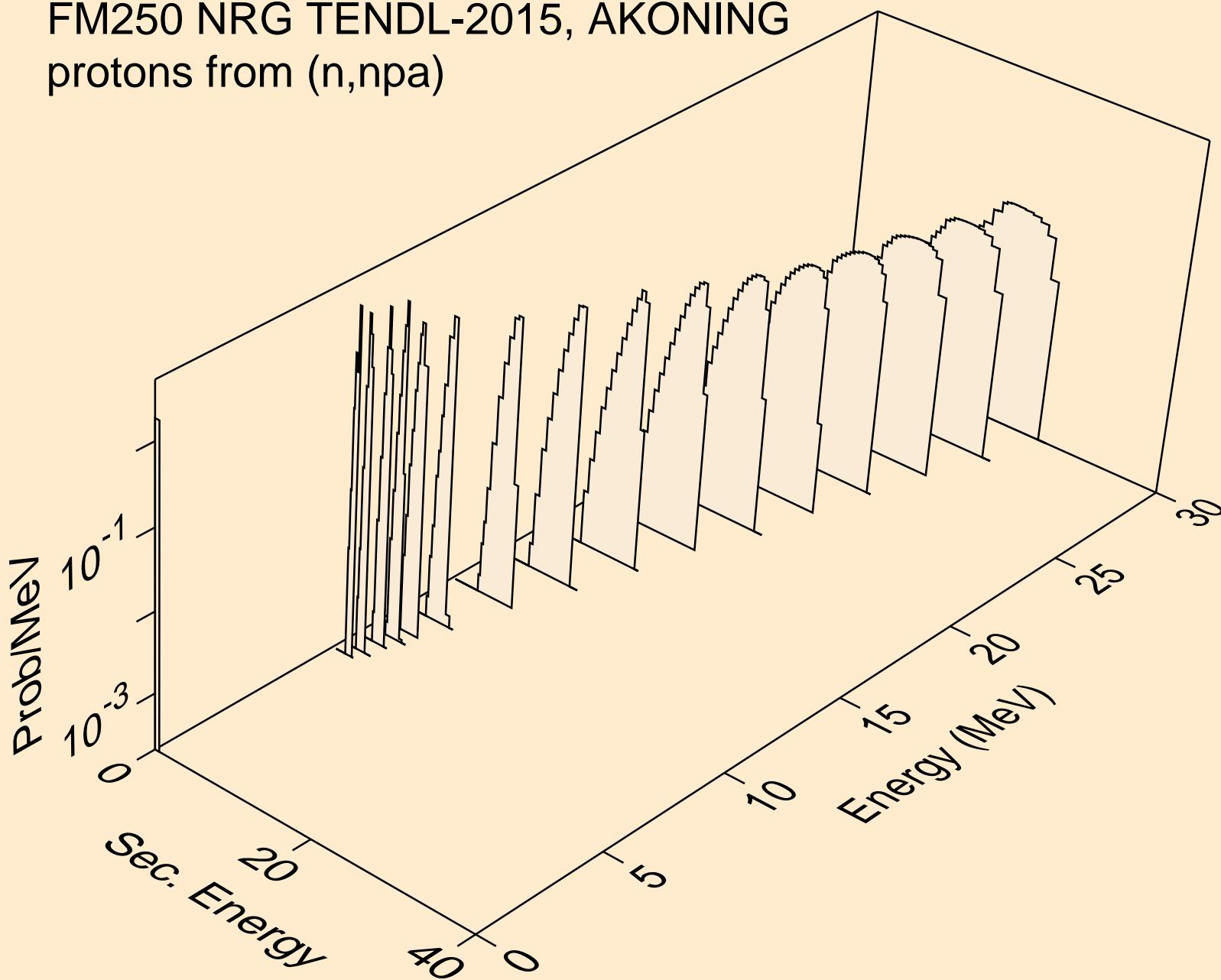
FM250 NRG TENDL-2015, AKONING  
protons from ( $n,3np$ )



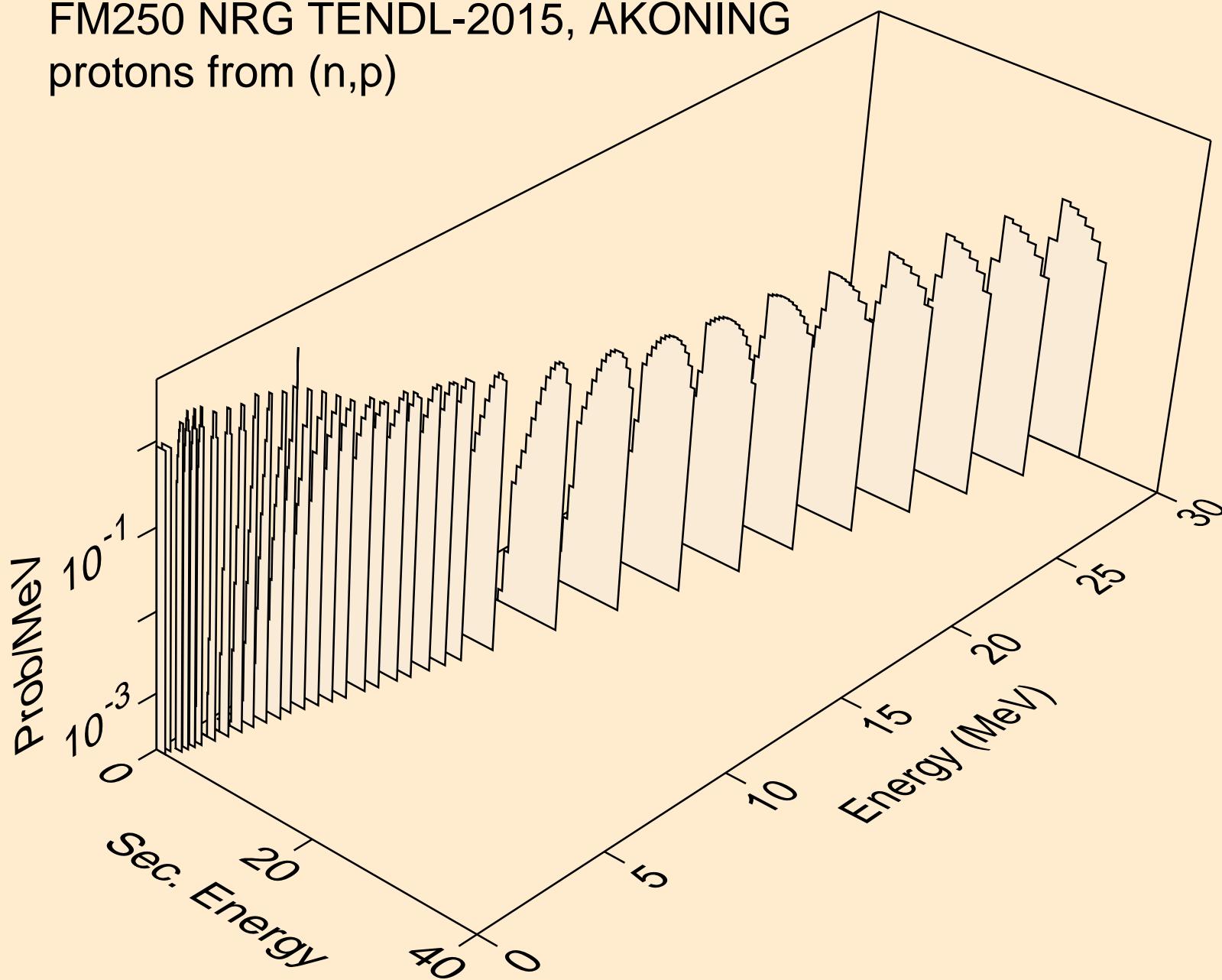
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protons from ( $n,2np$ )



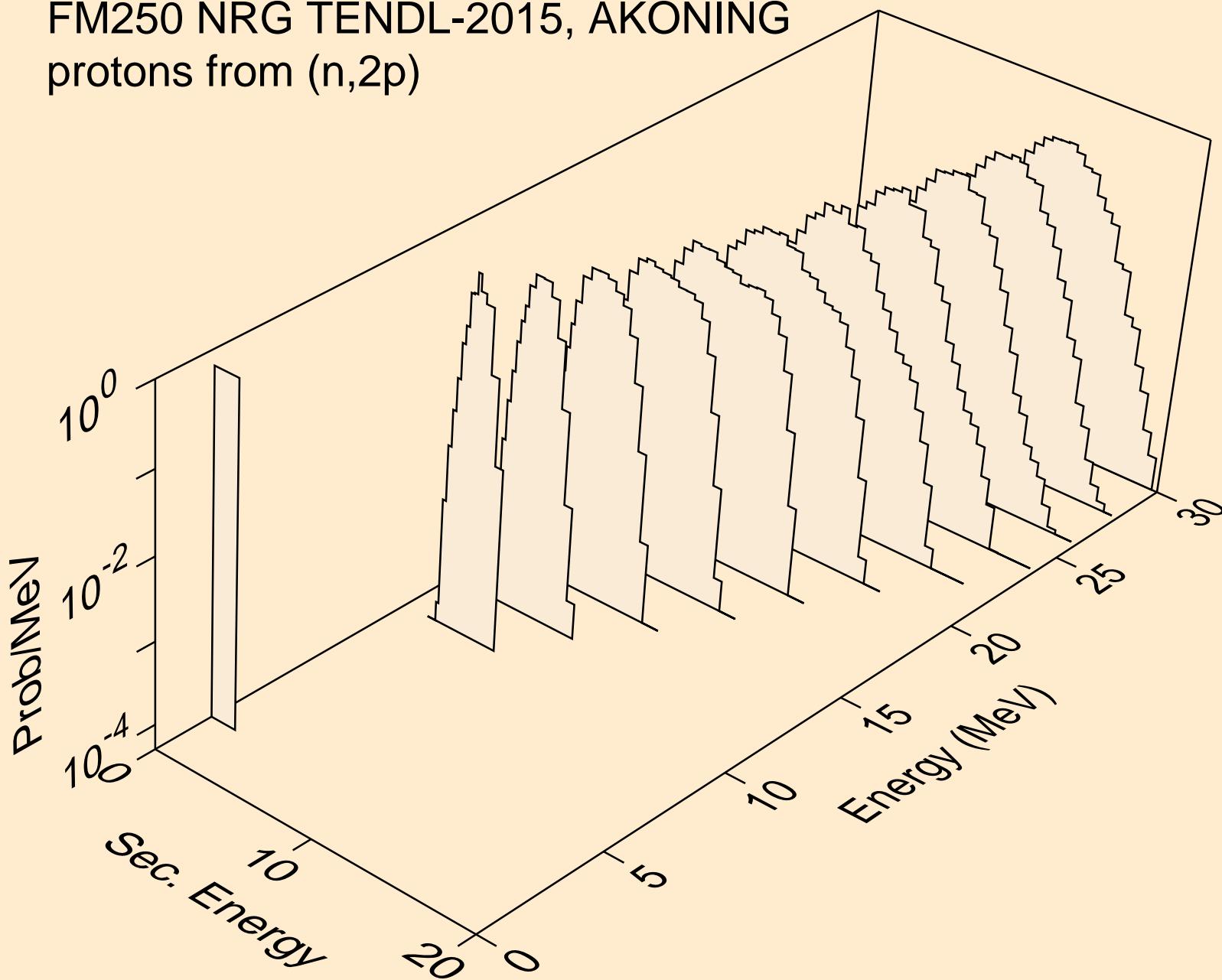
FM250 NRG TENDL-2015, AKONING  
protons from (n,npa)



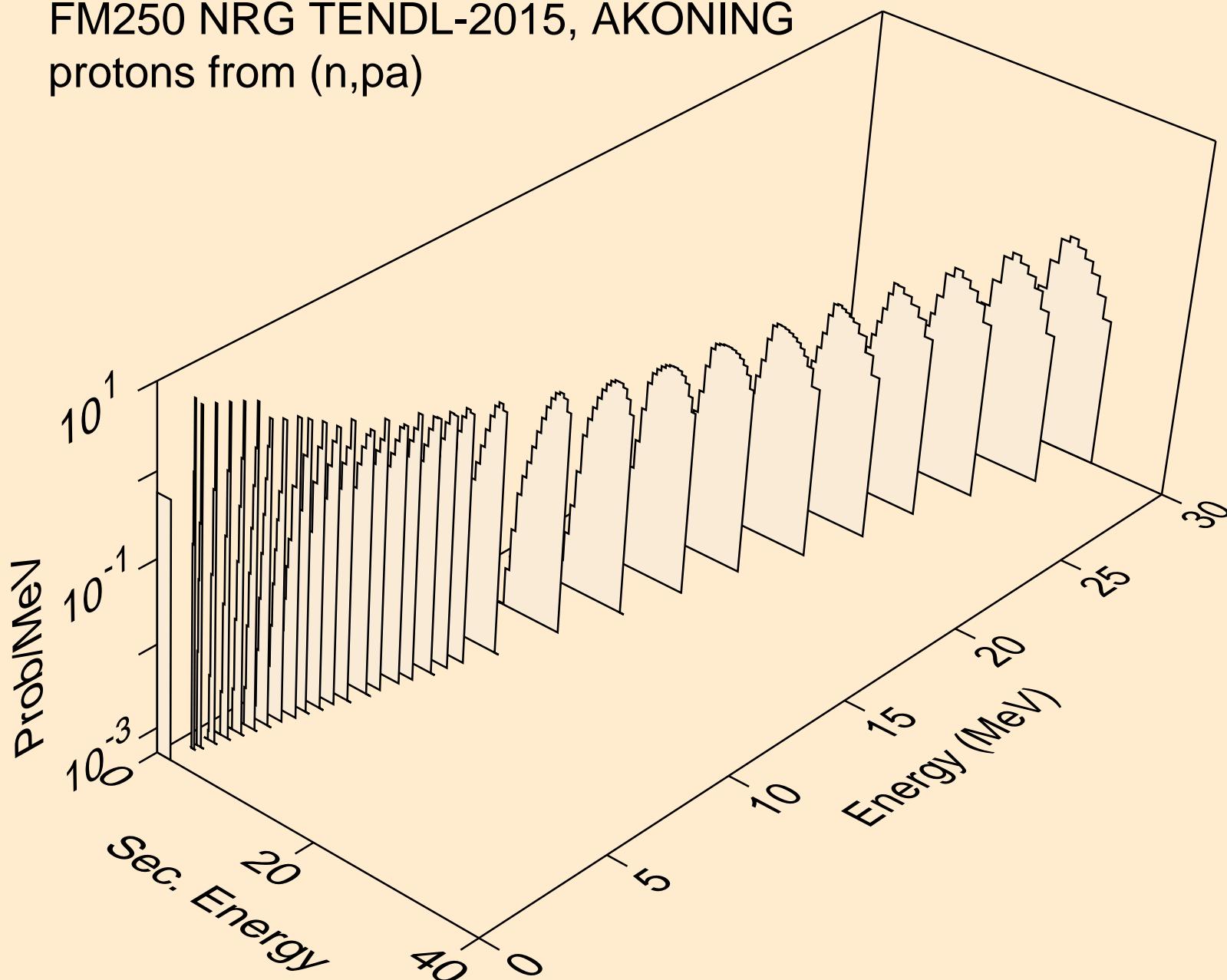
FM250 NRG TENDL-2015, AKONING  
protons from (n,p)



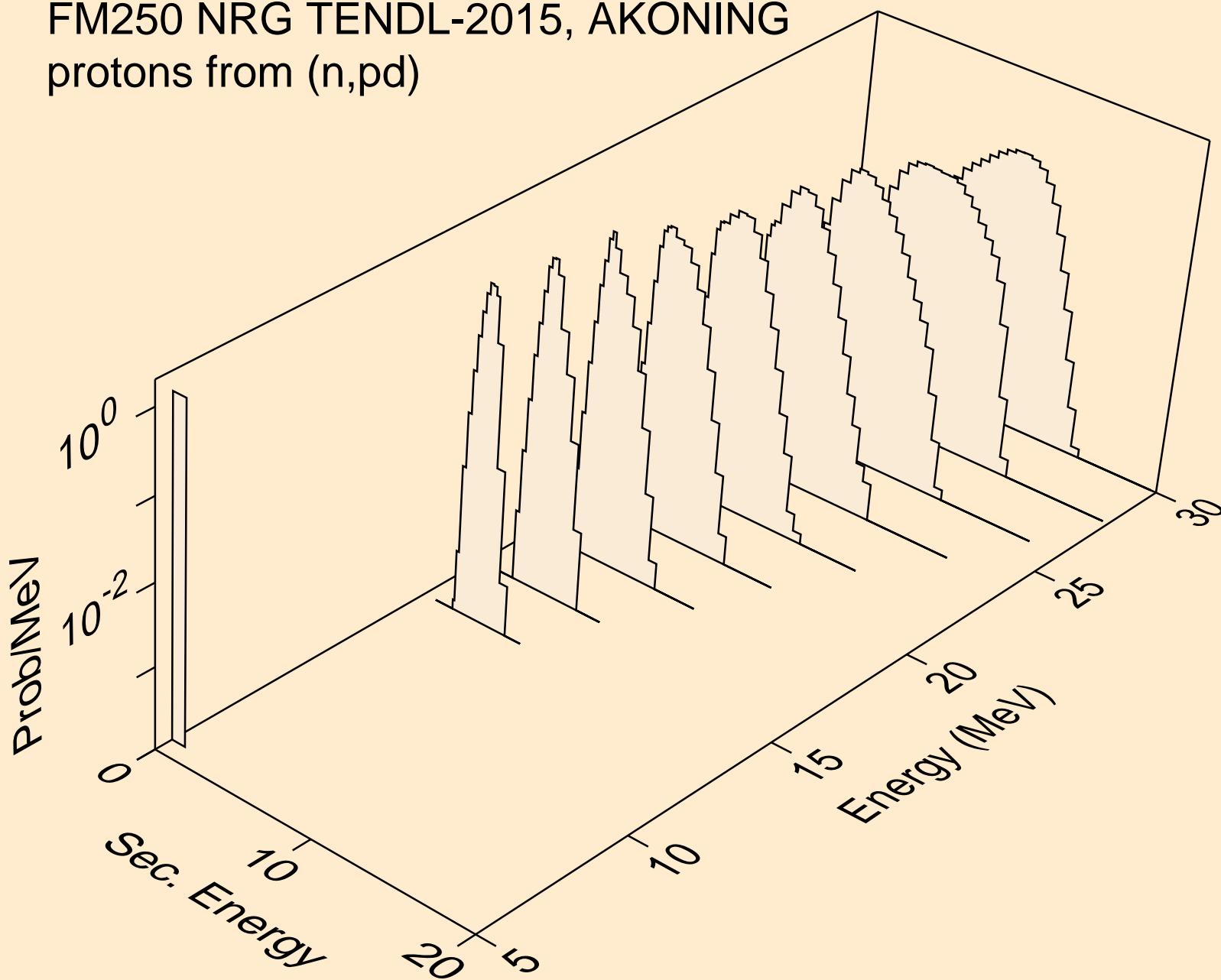
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protons from ( $n,2p$ )



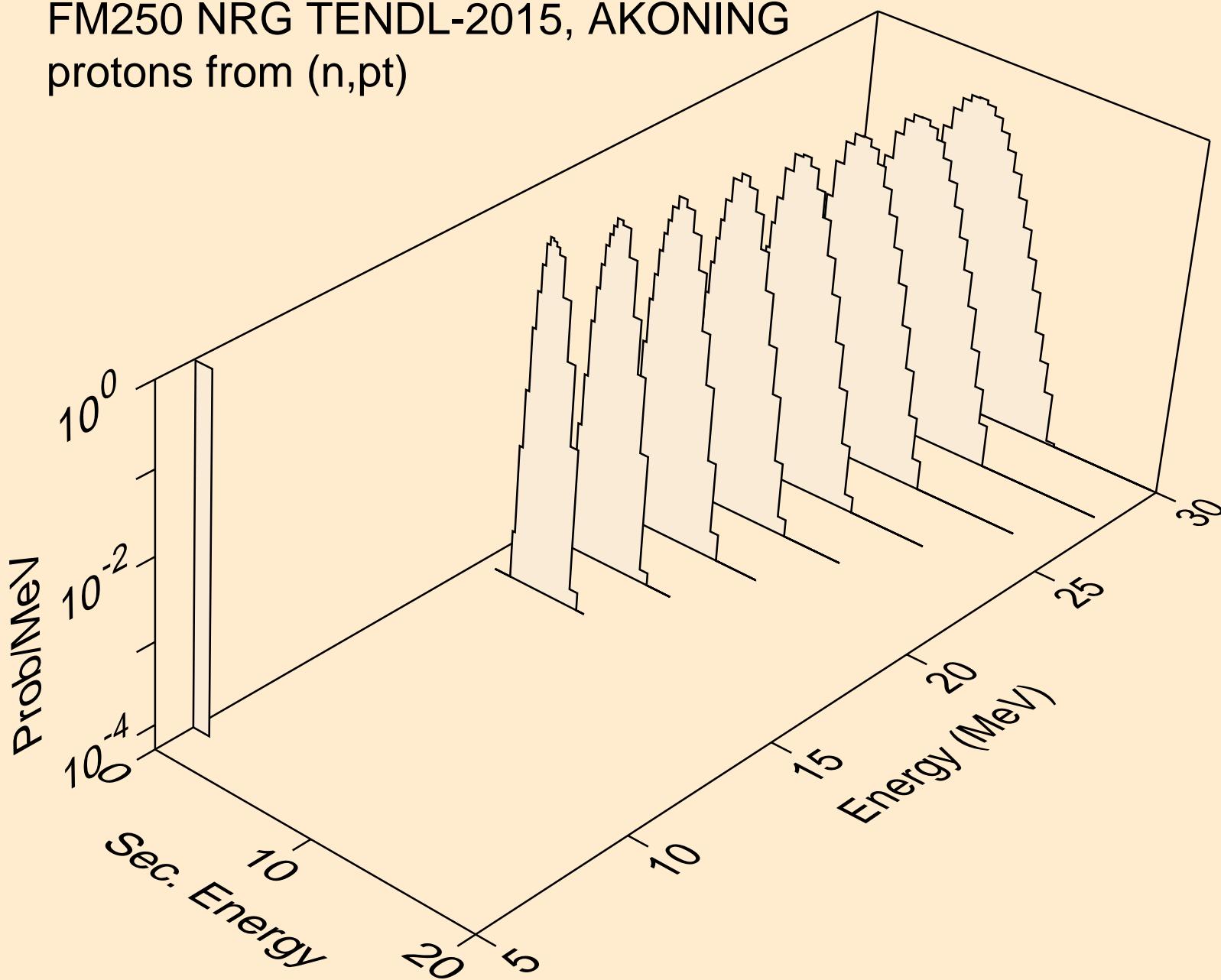
FM250 NRG TENDL-2015, AKONING  
protons from (n,pa)



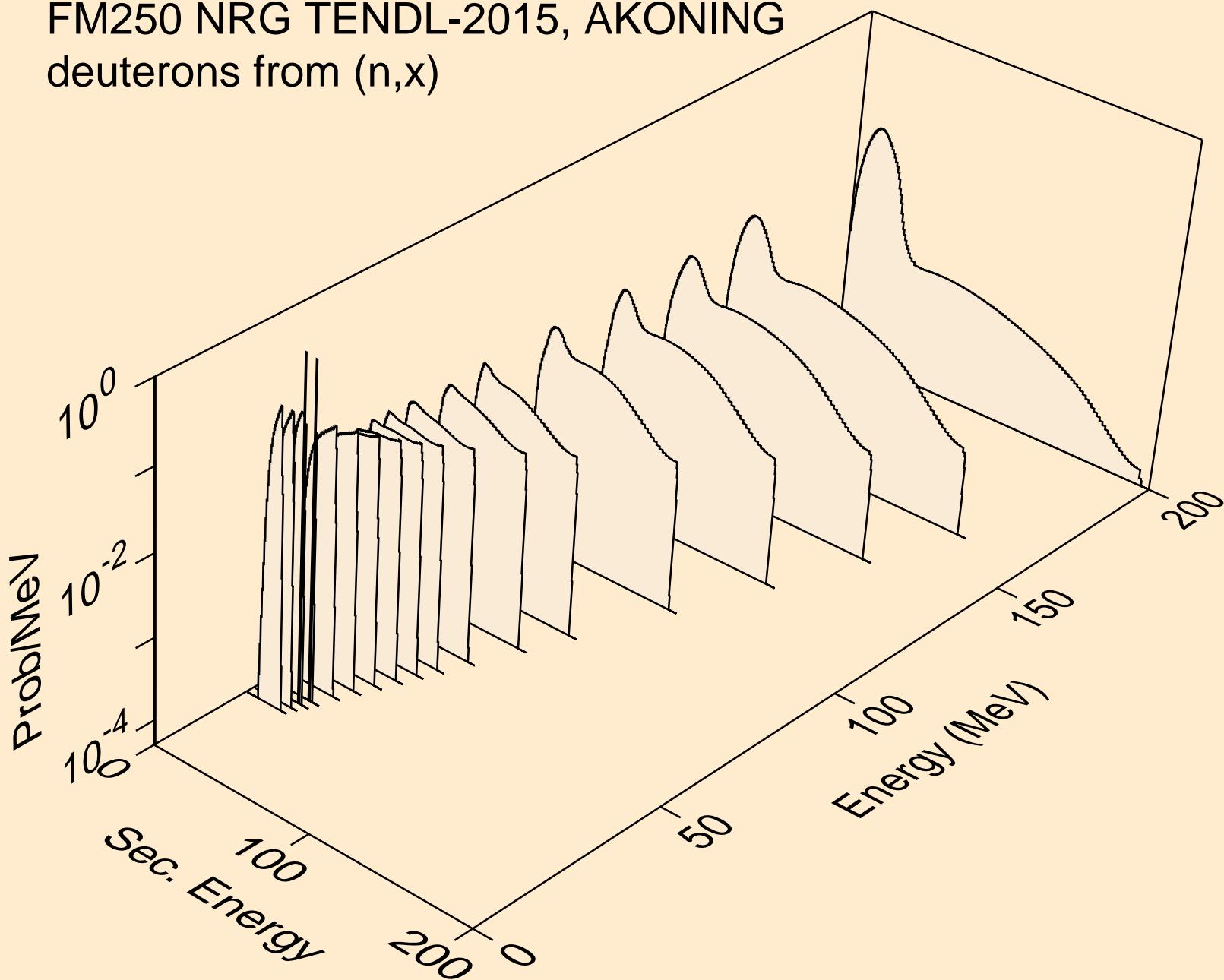
FM250 NRG TENDL-2015, AKONING  
protons from (n,pd)



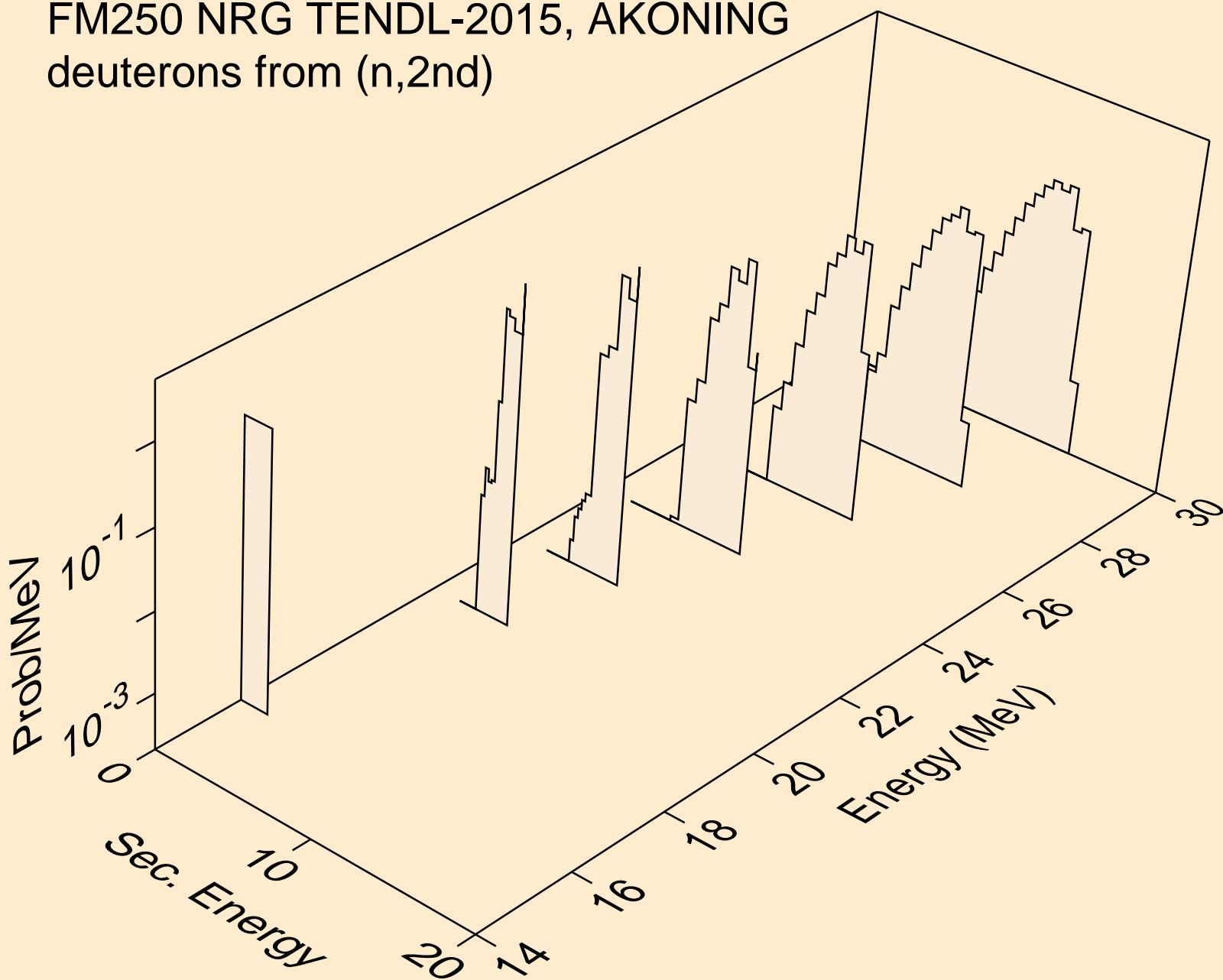
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protons from (n,pt)



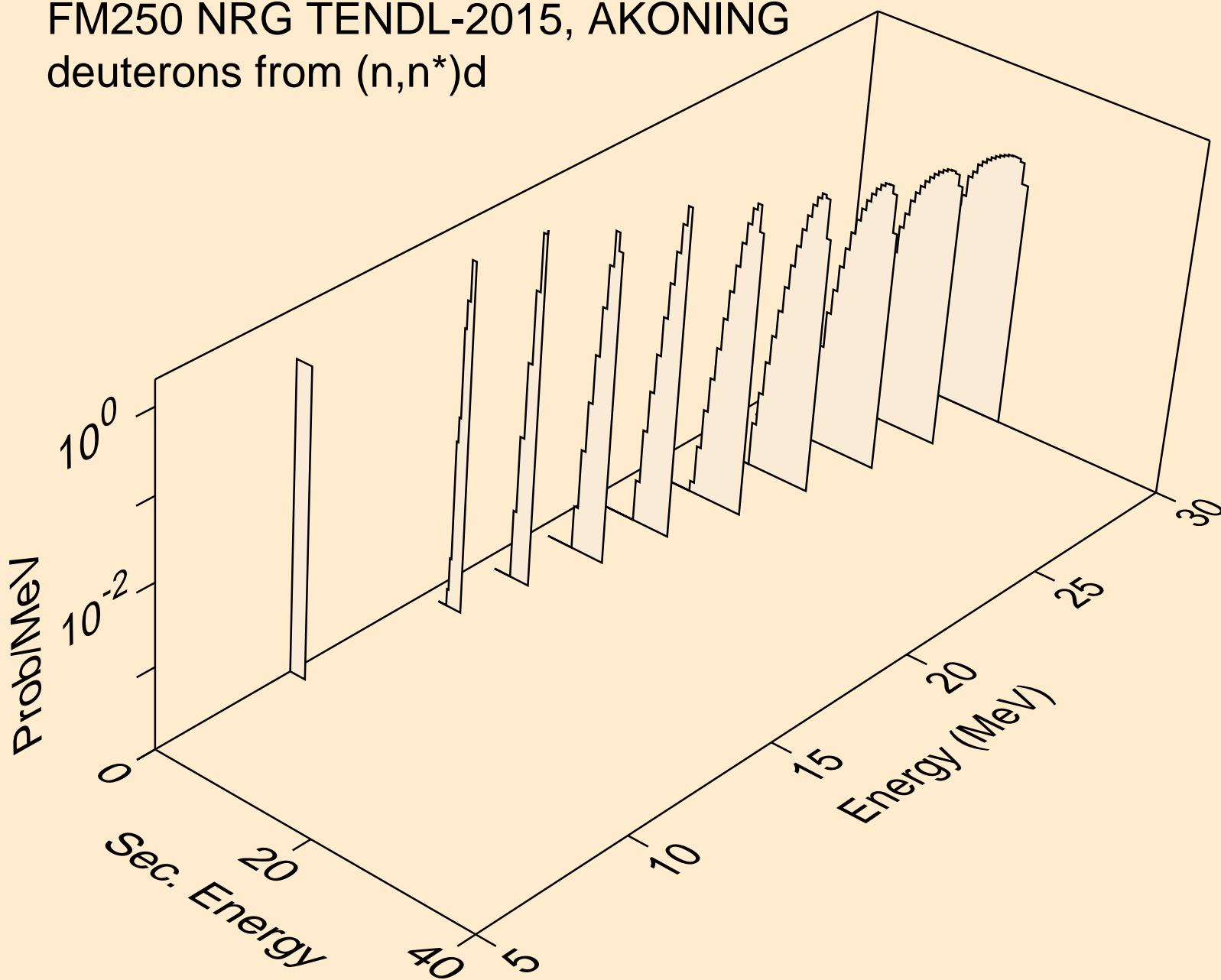
FM250 NRG TENDL-2015, AKONING  
deuterons from ( $n, x$ )



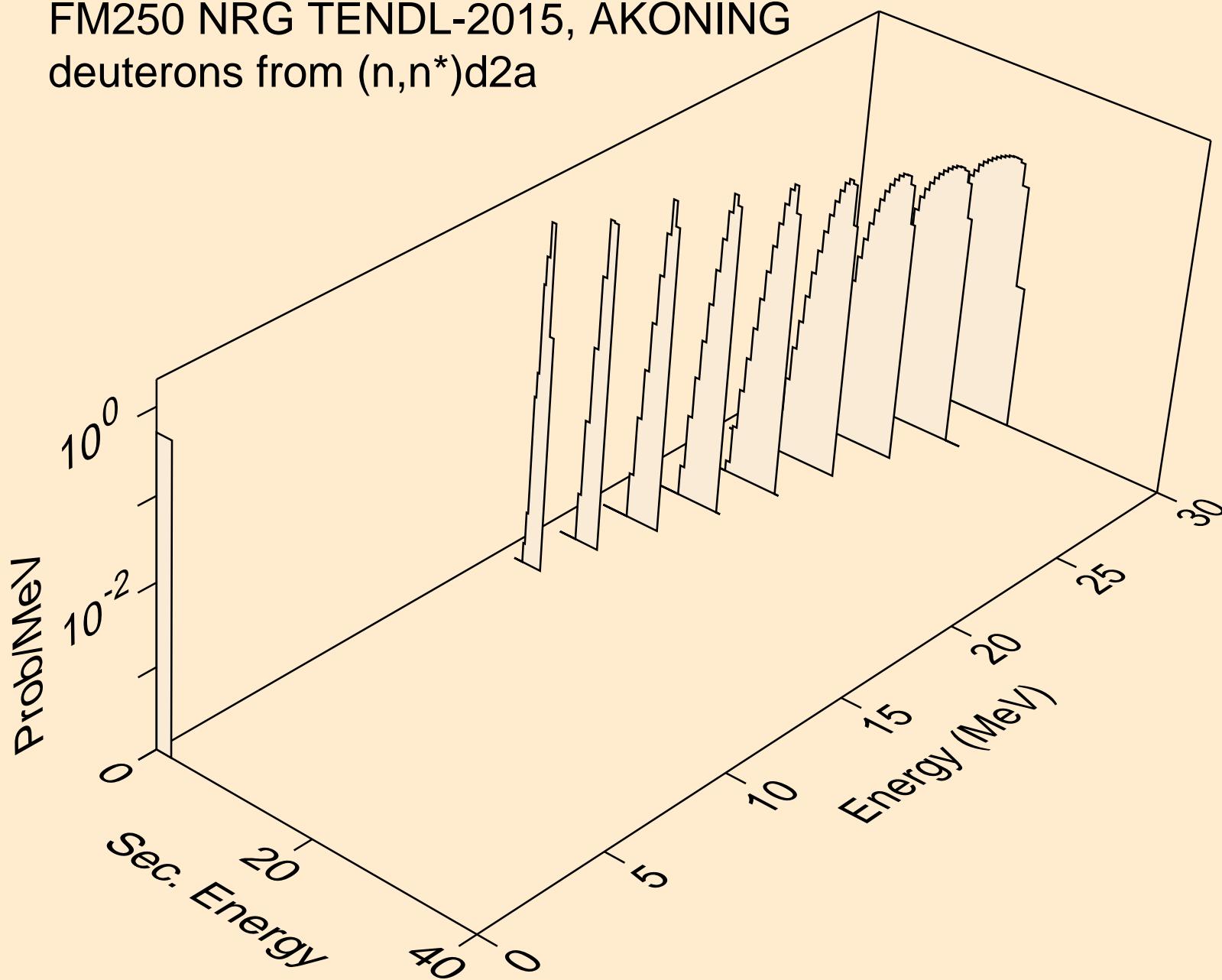
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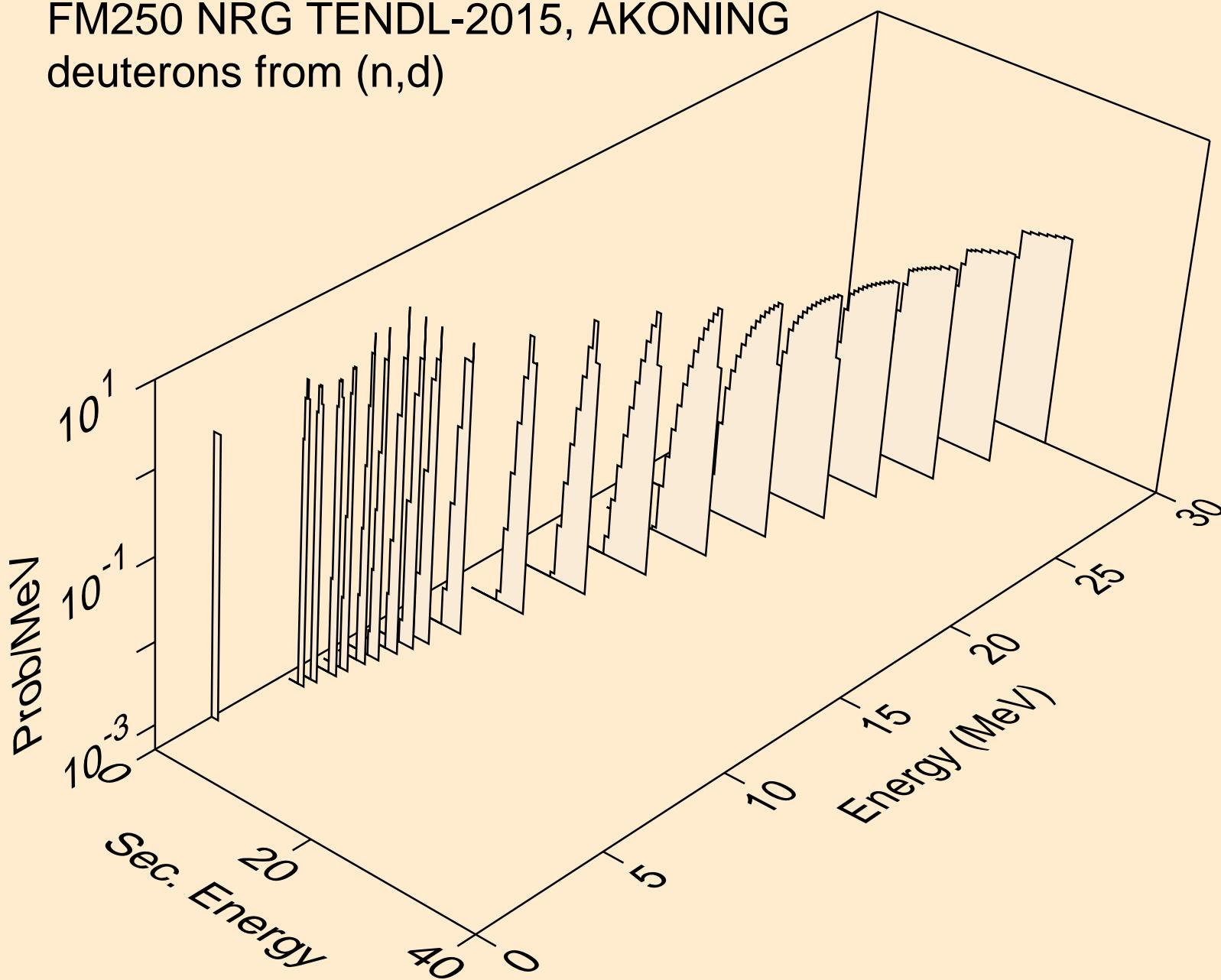
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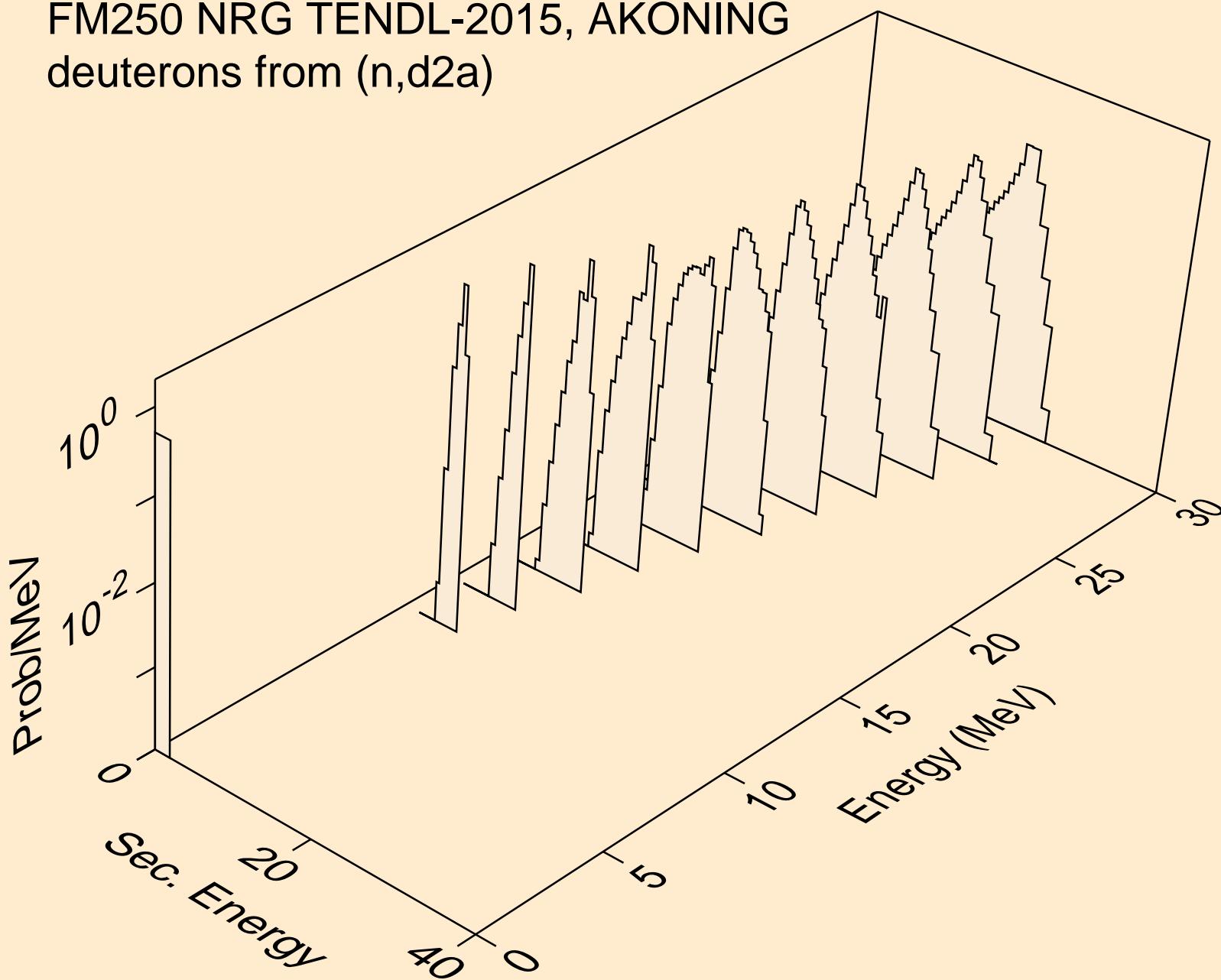
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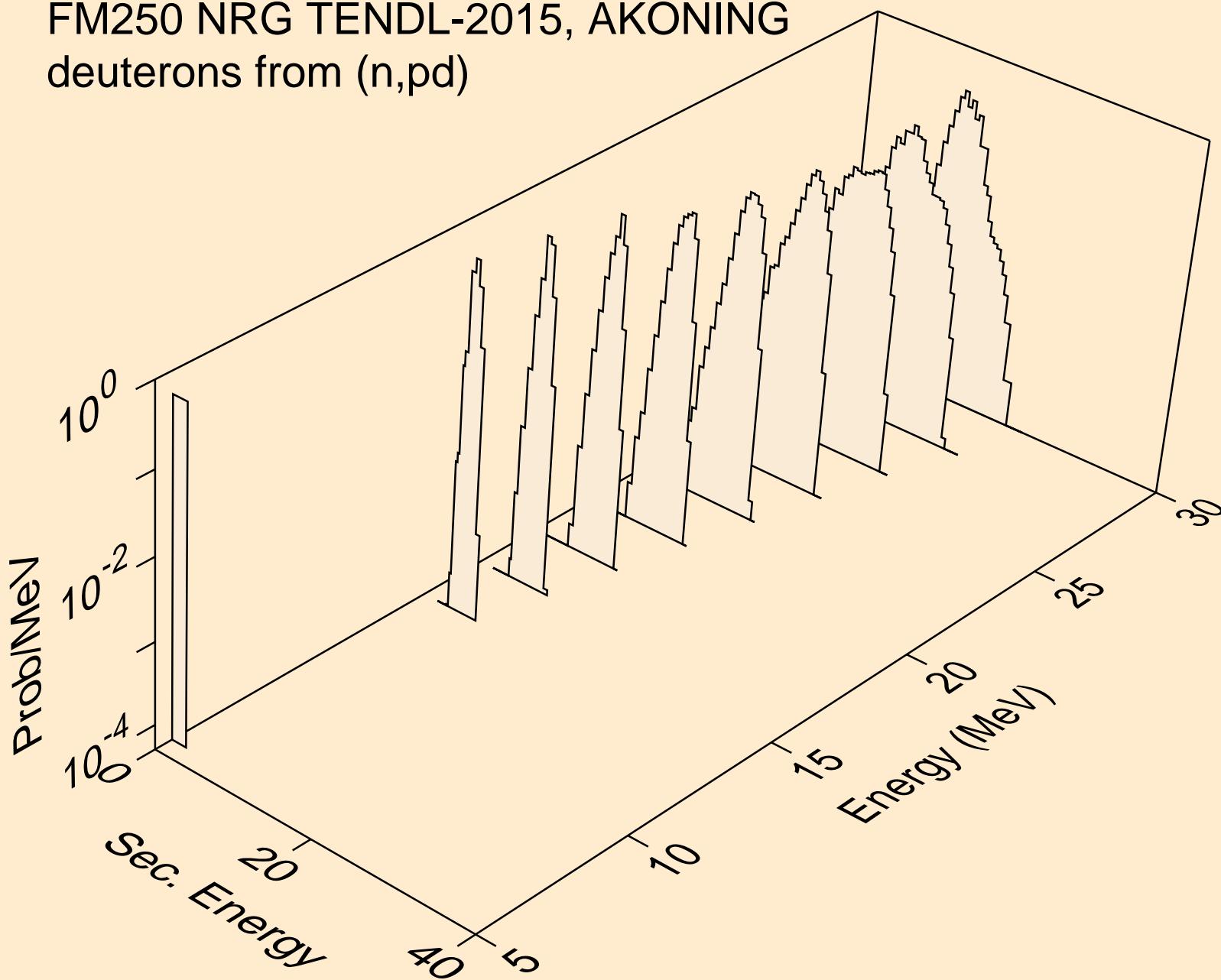
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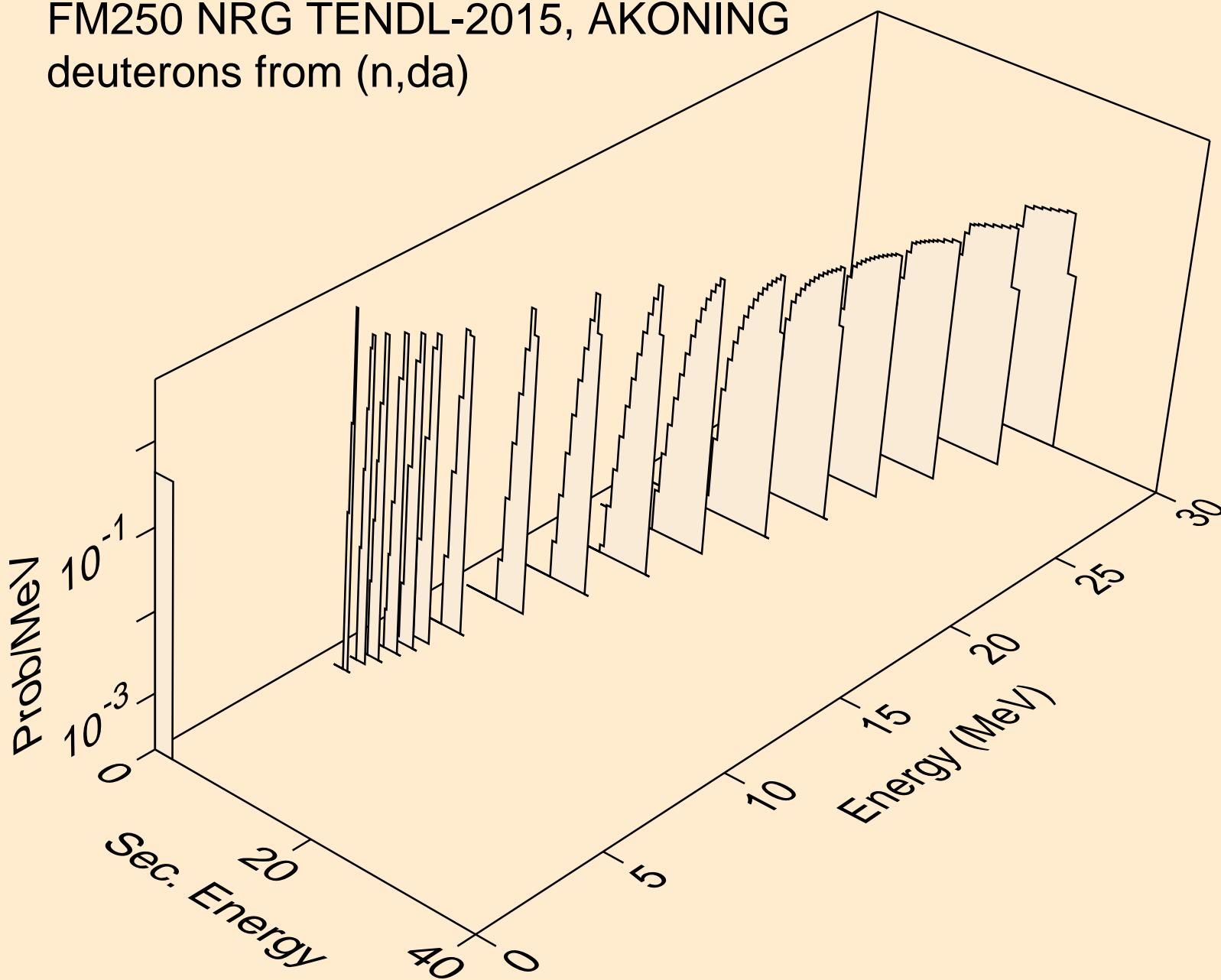
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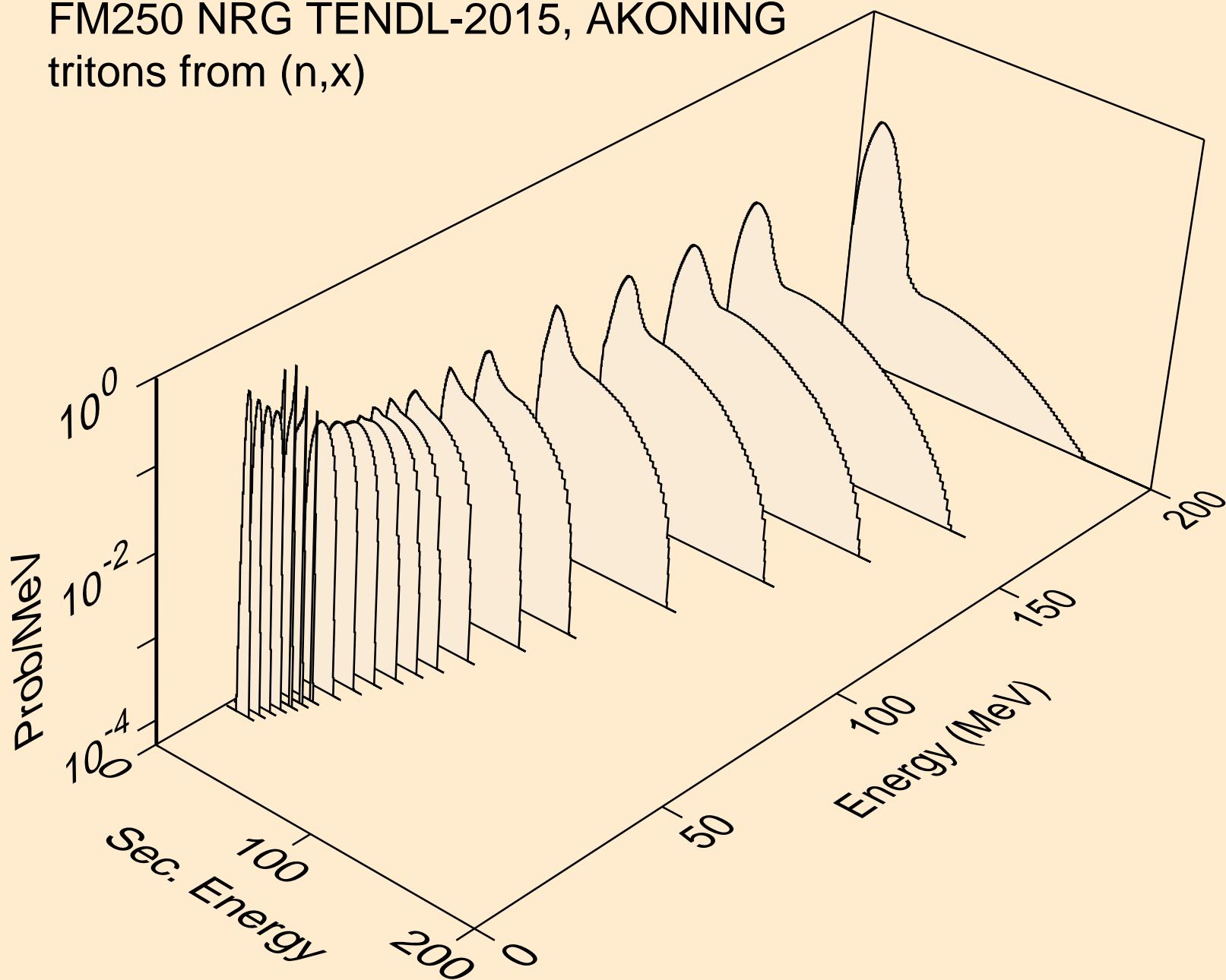
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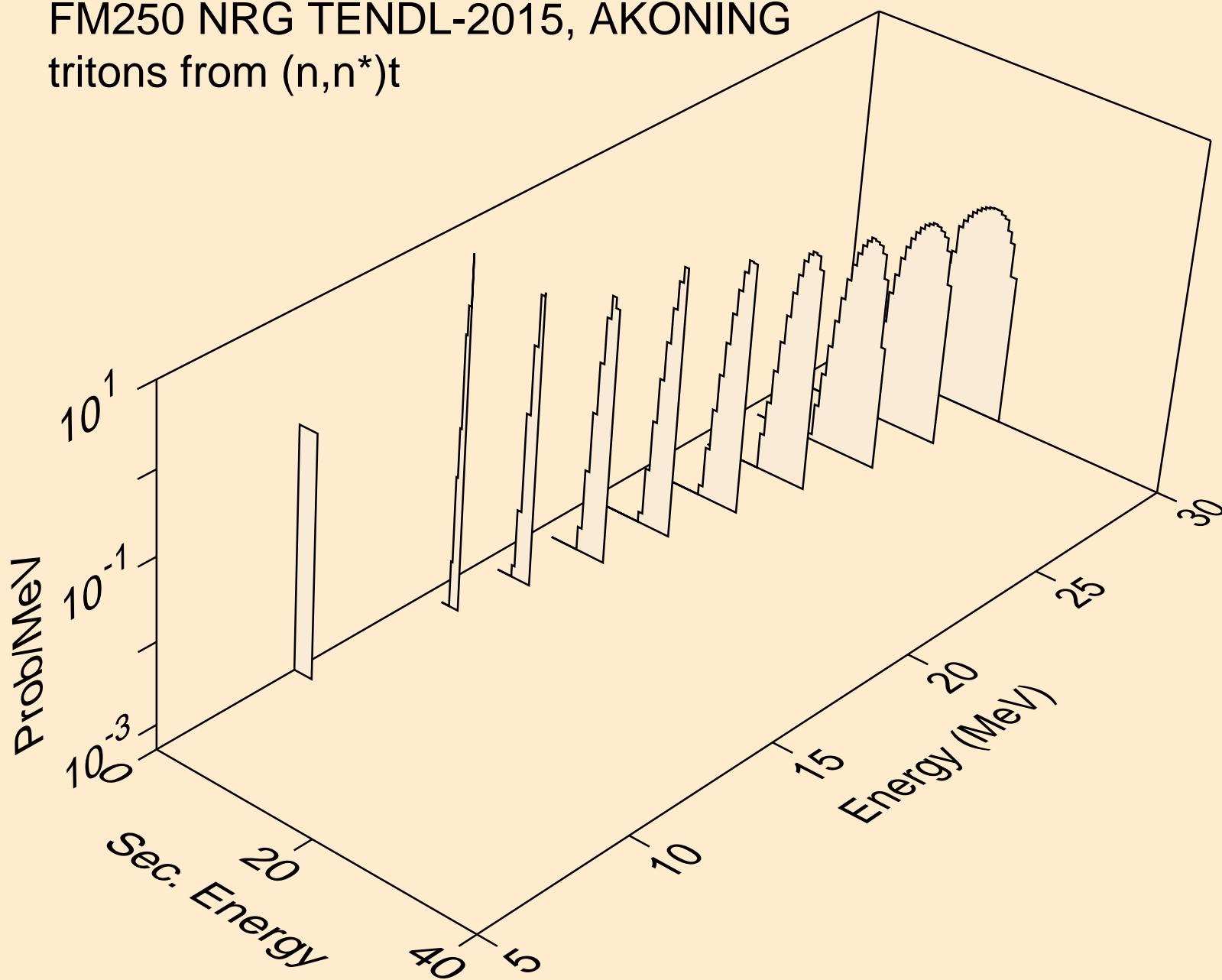
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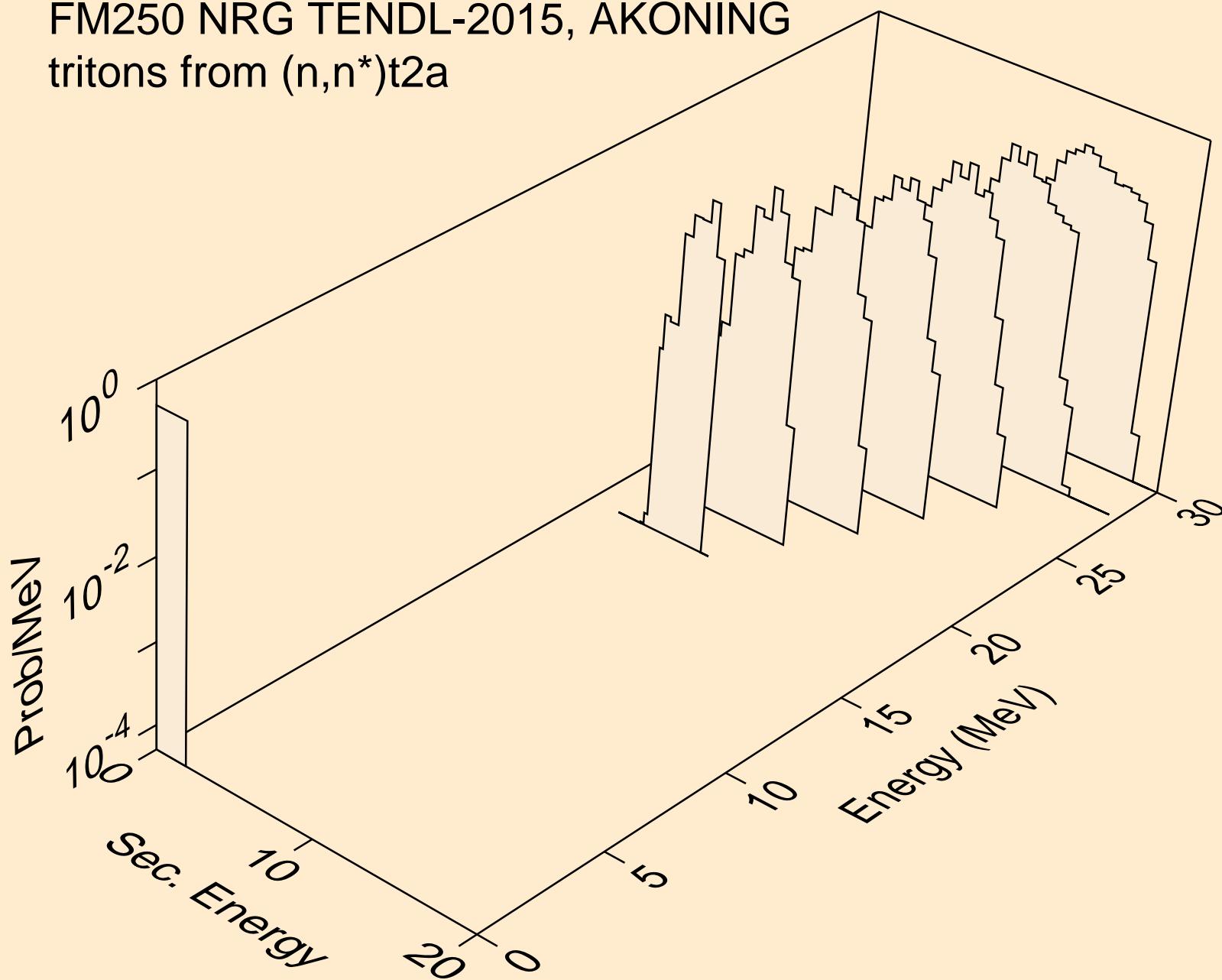
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tritons from ( $n,x$ )



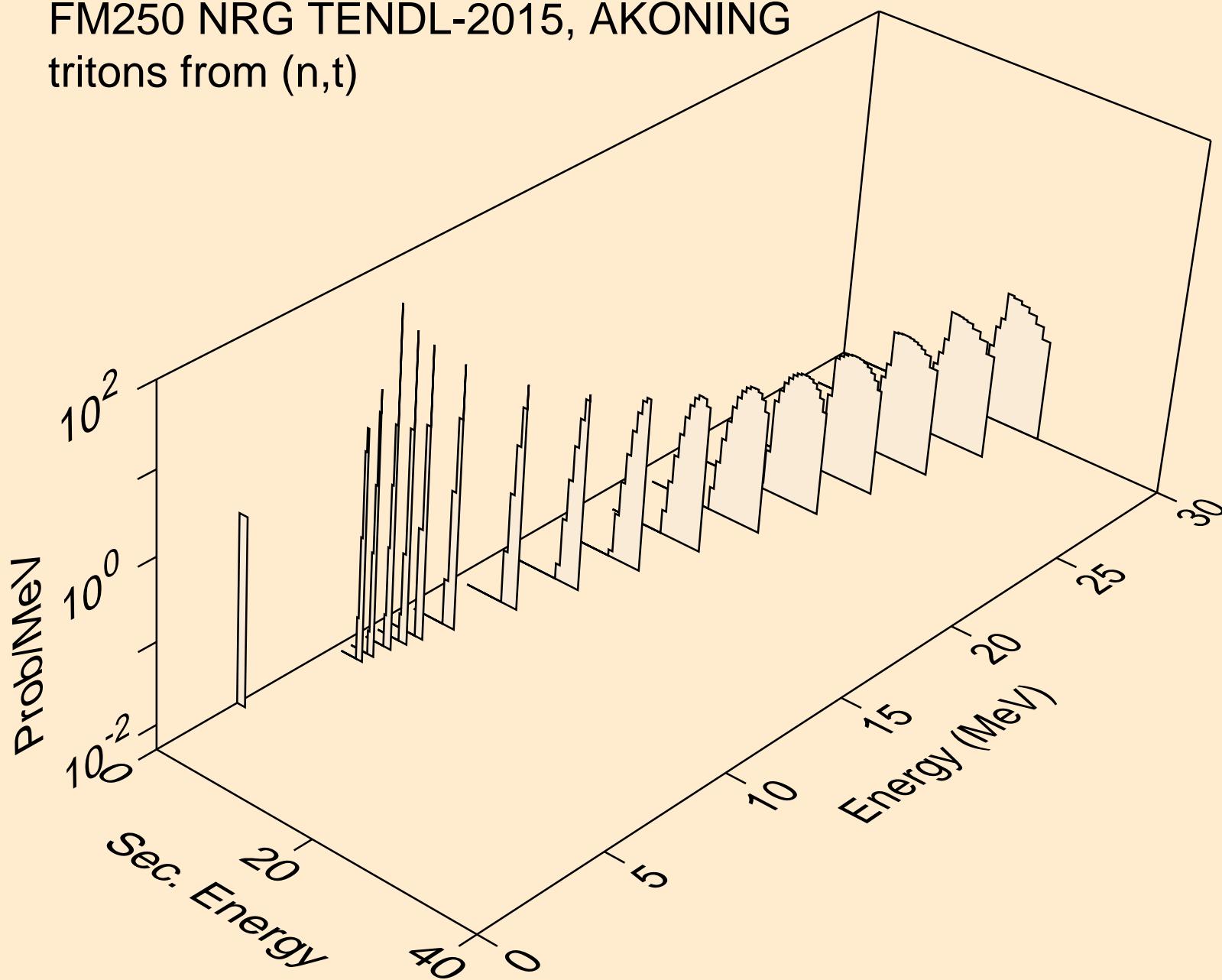
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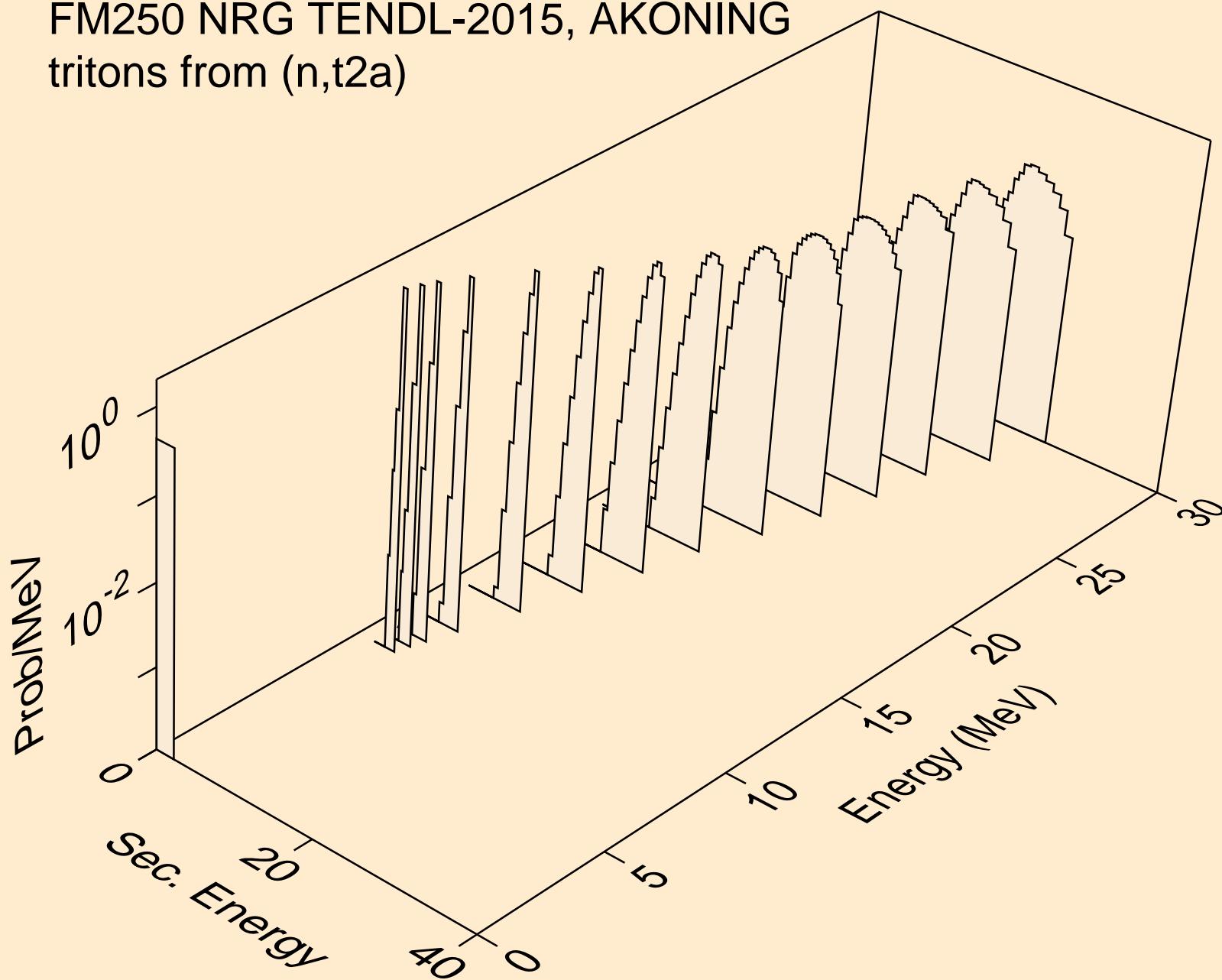
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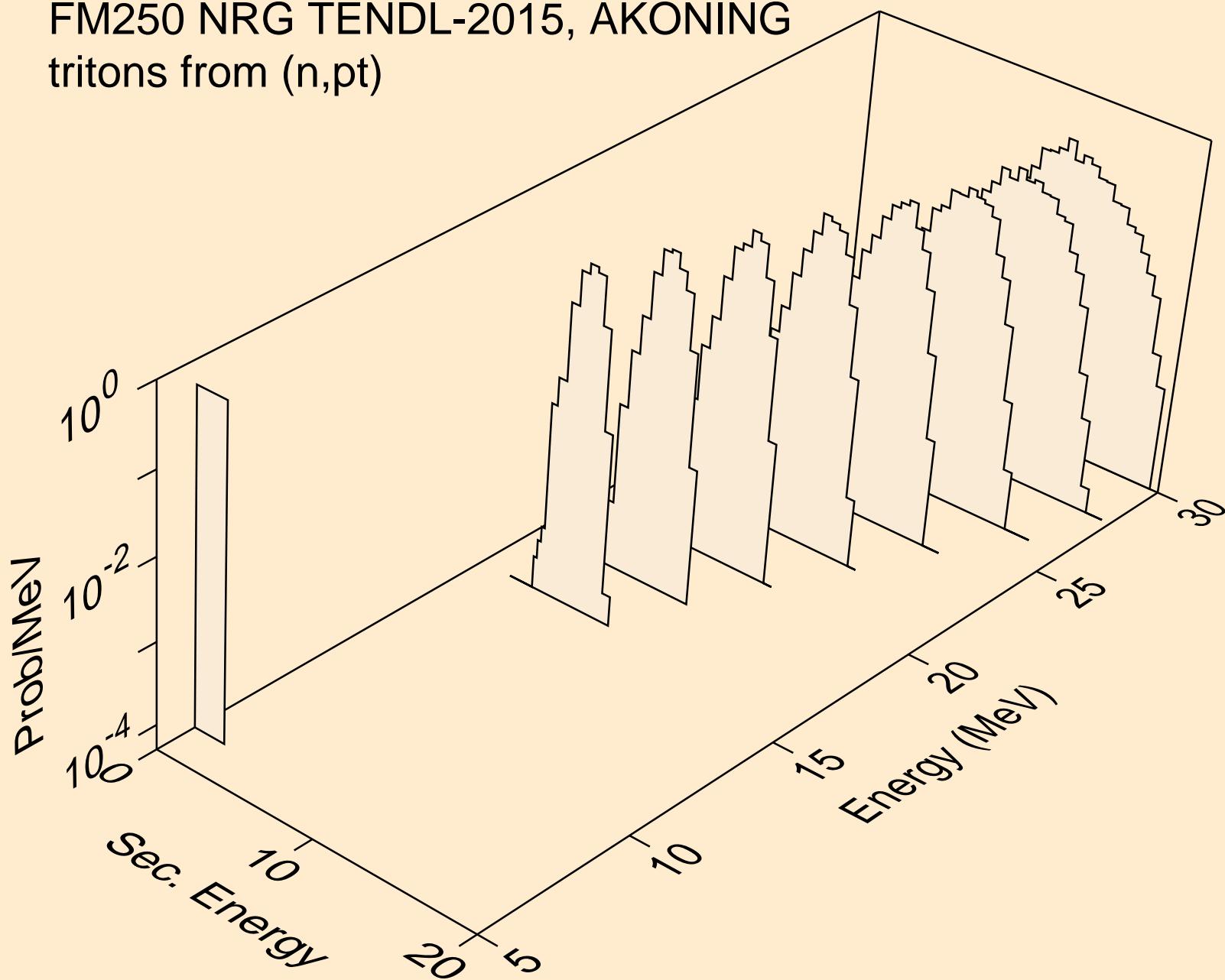
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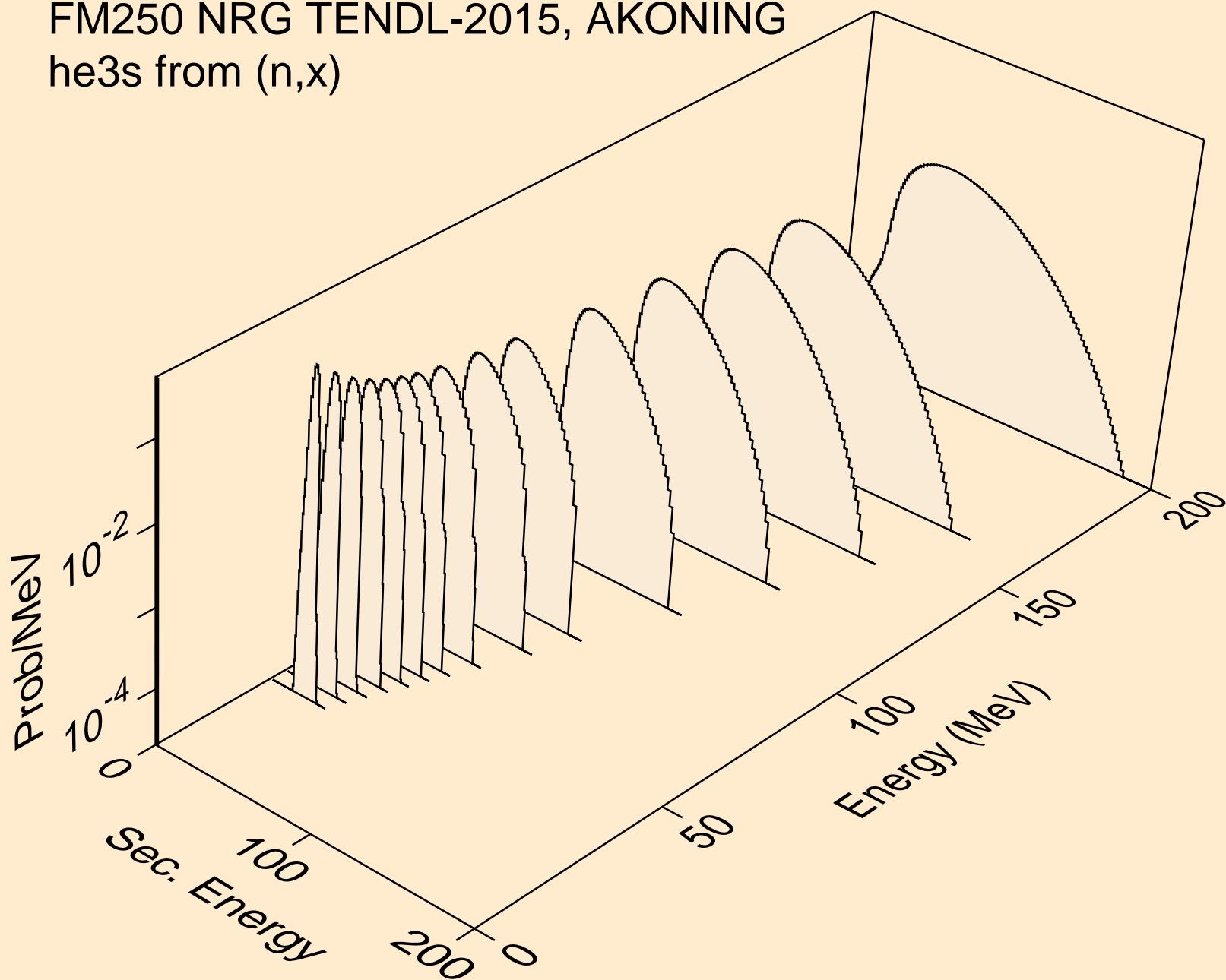
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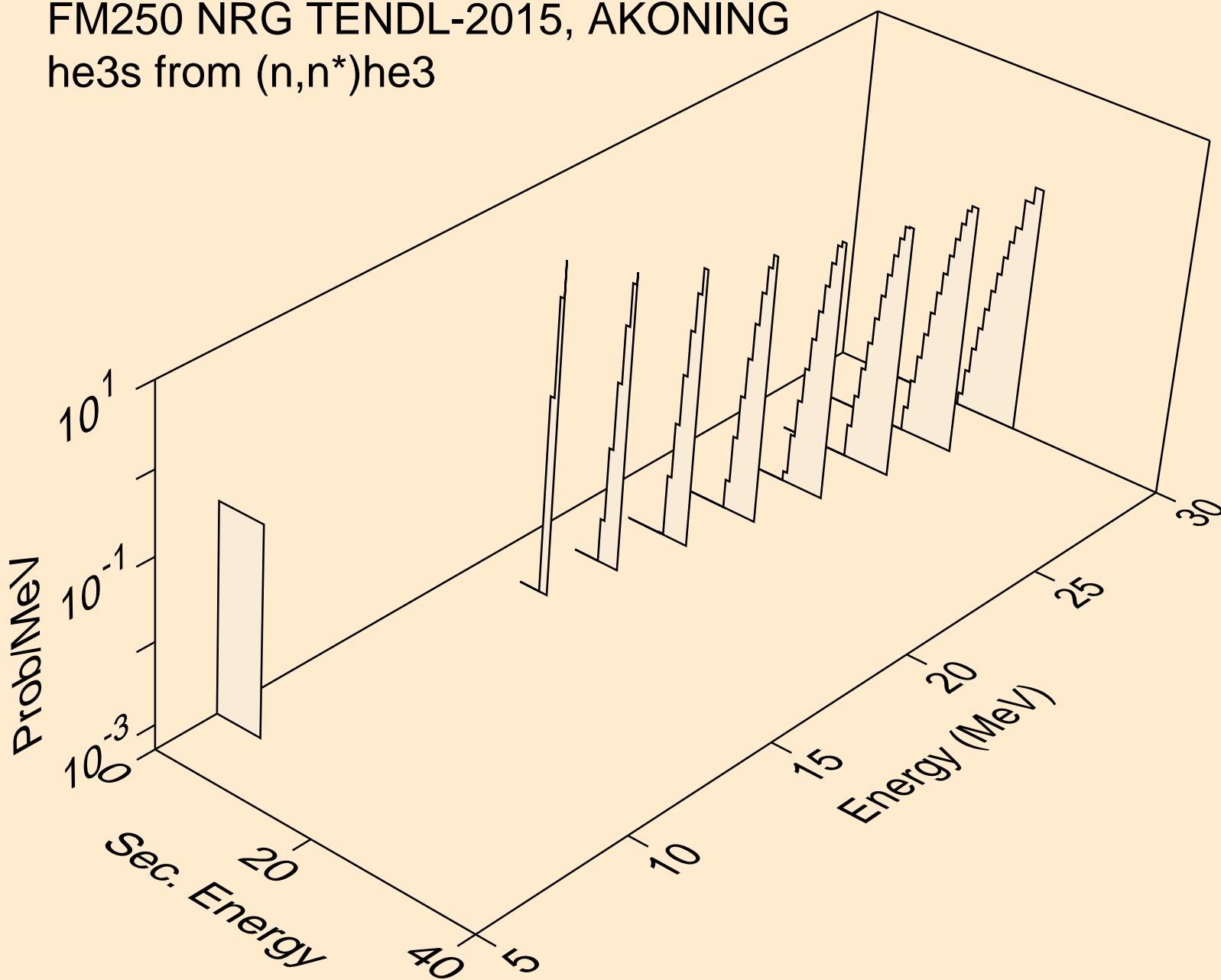
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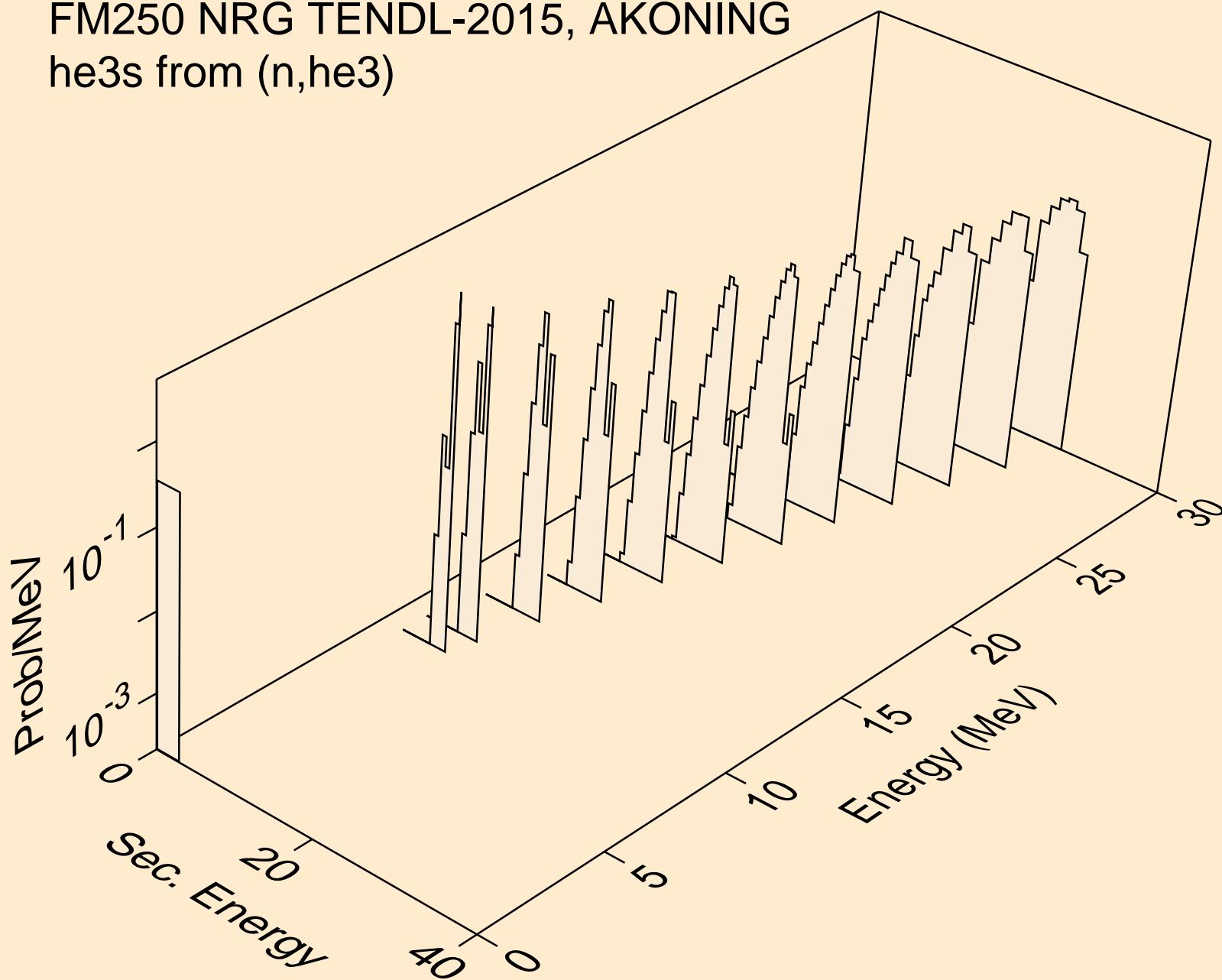
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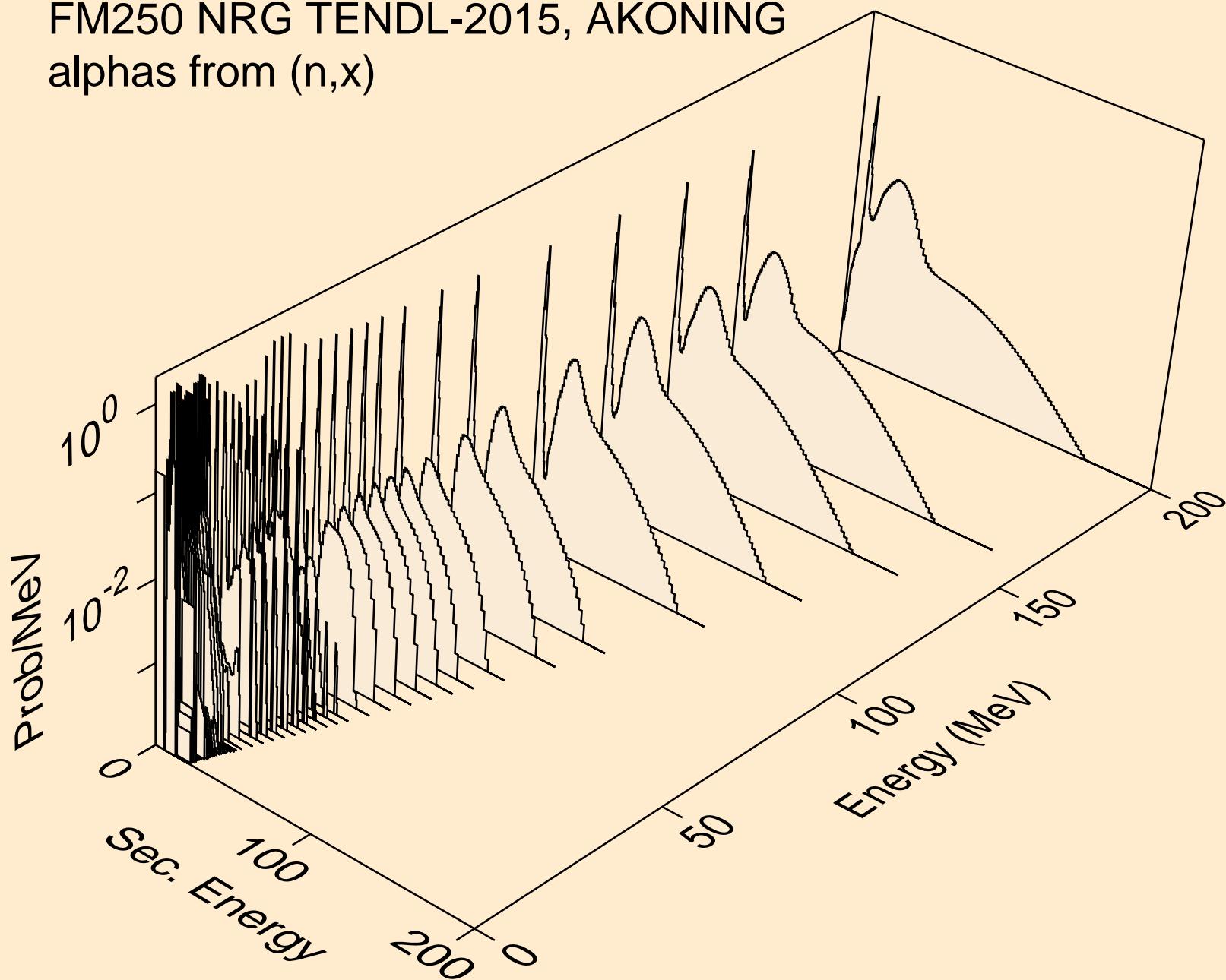
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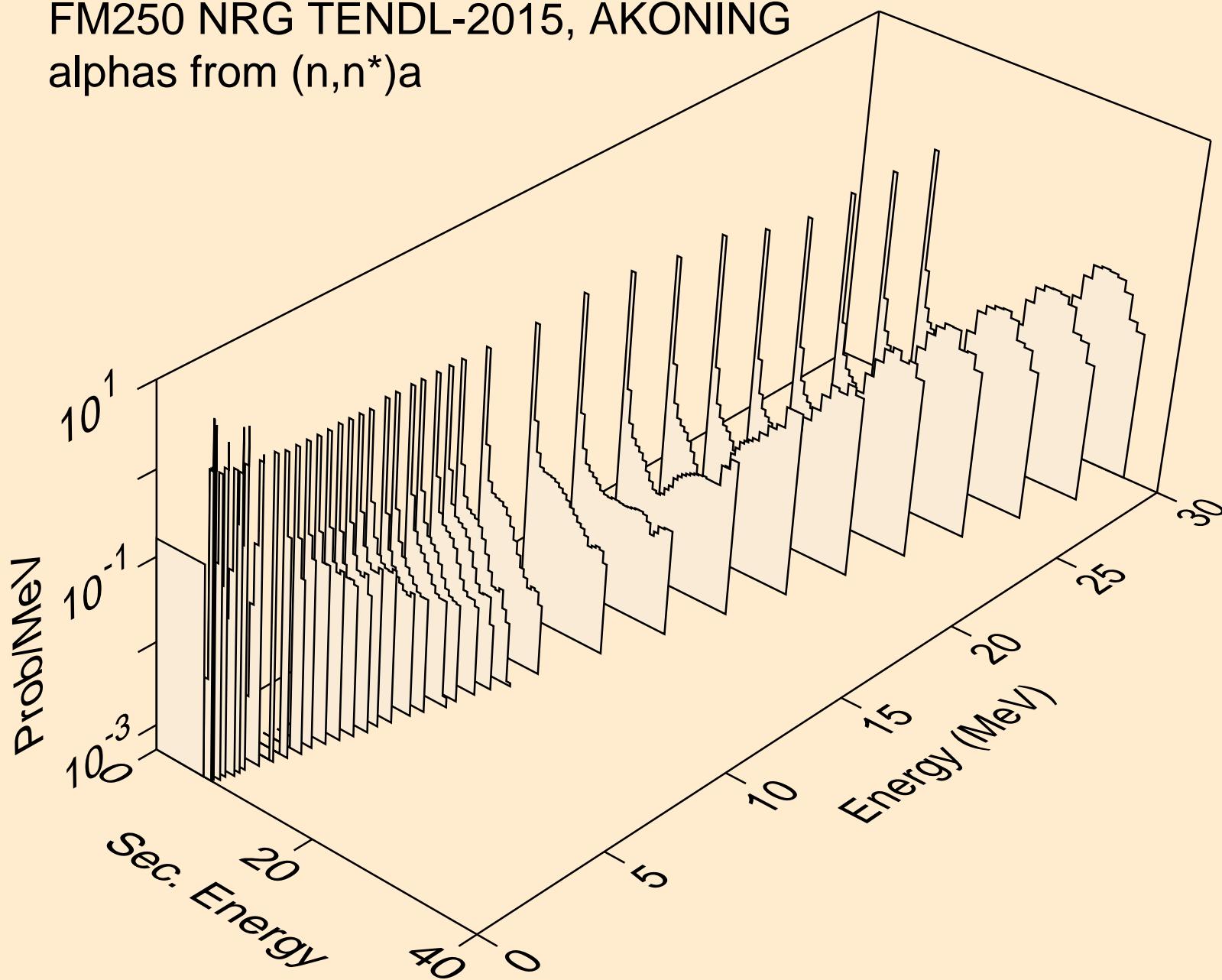
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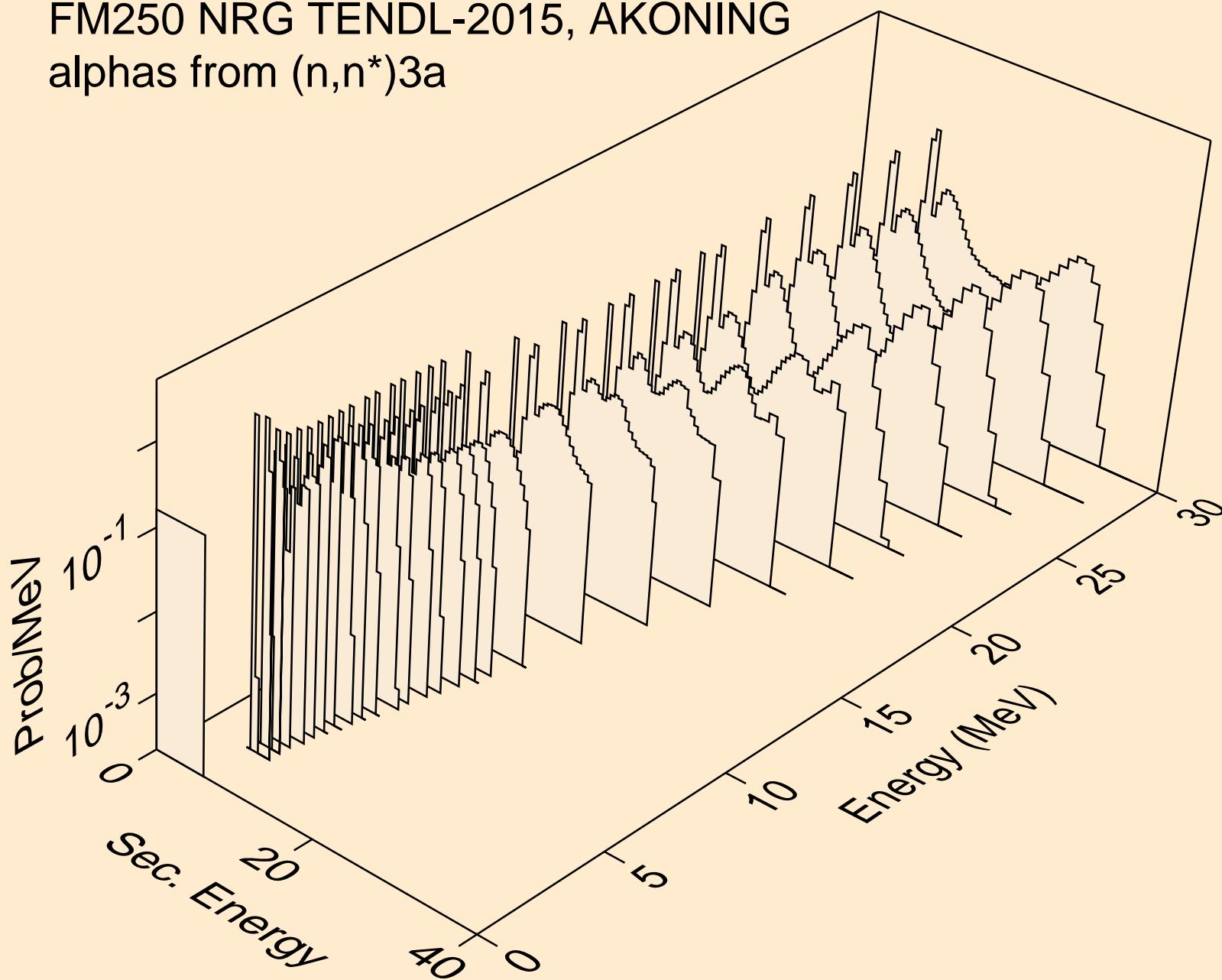
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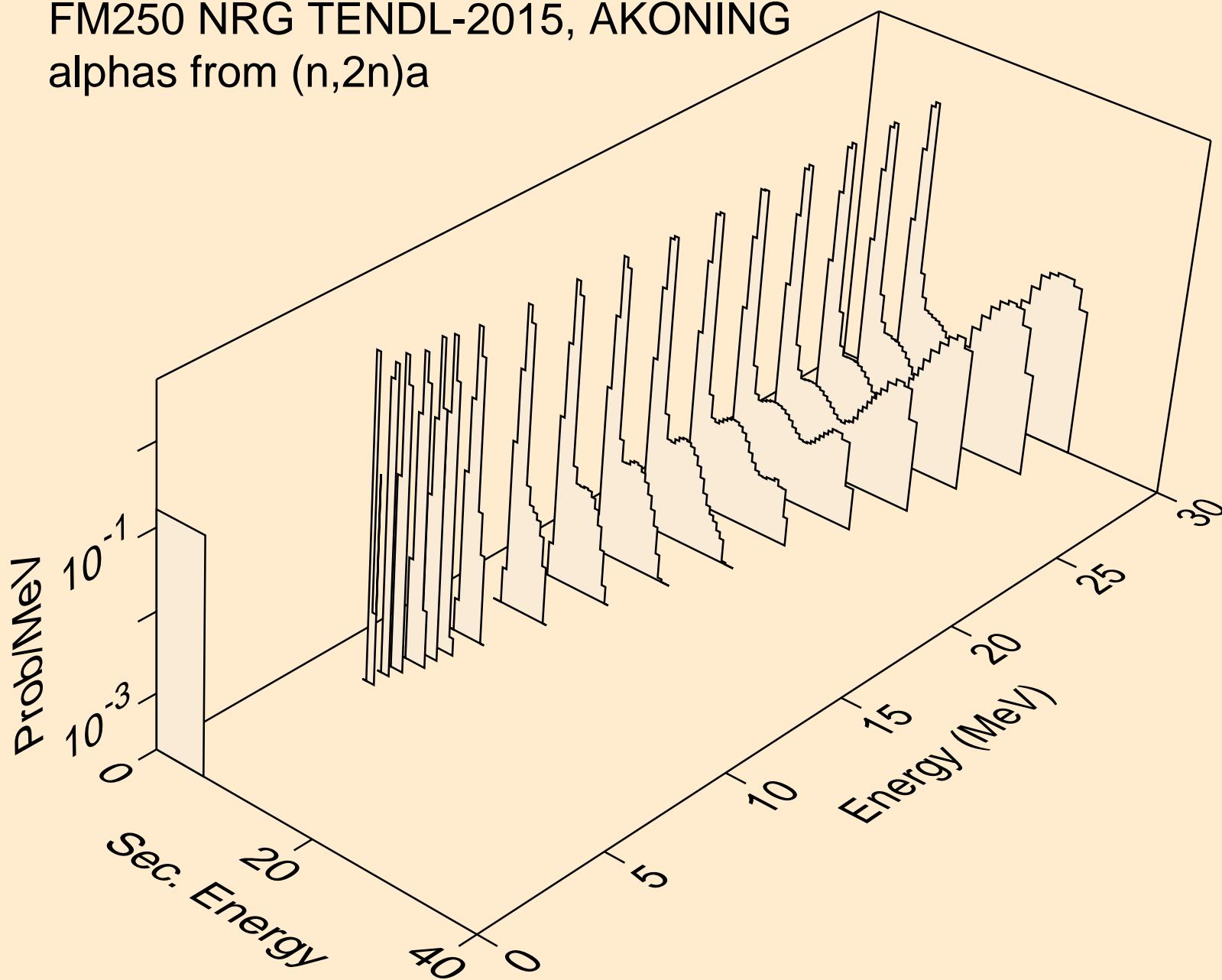
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alphas from  $(n,n^*)a$



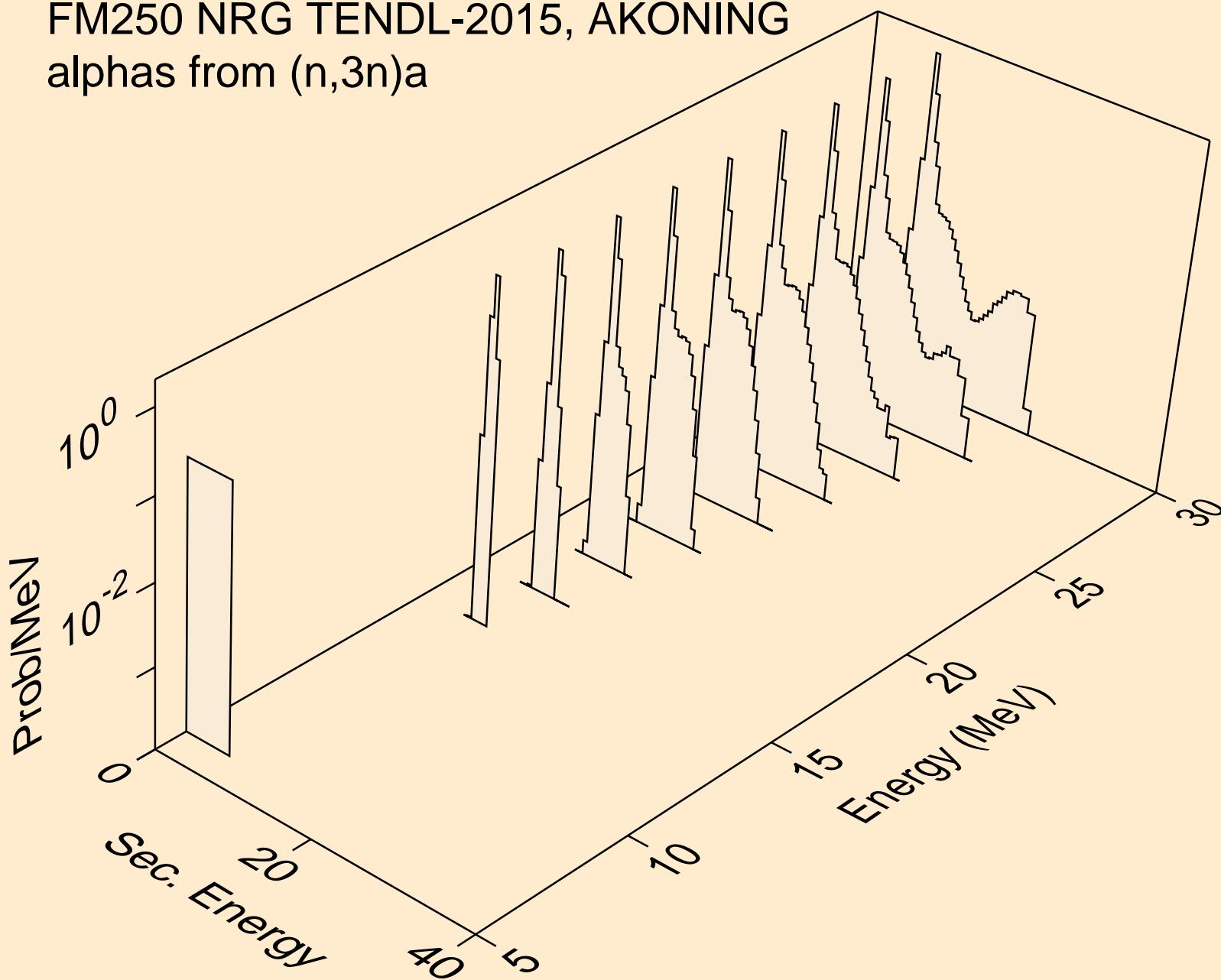
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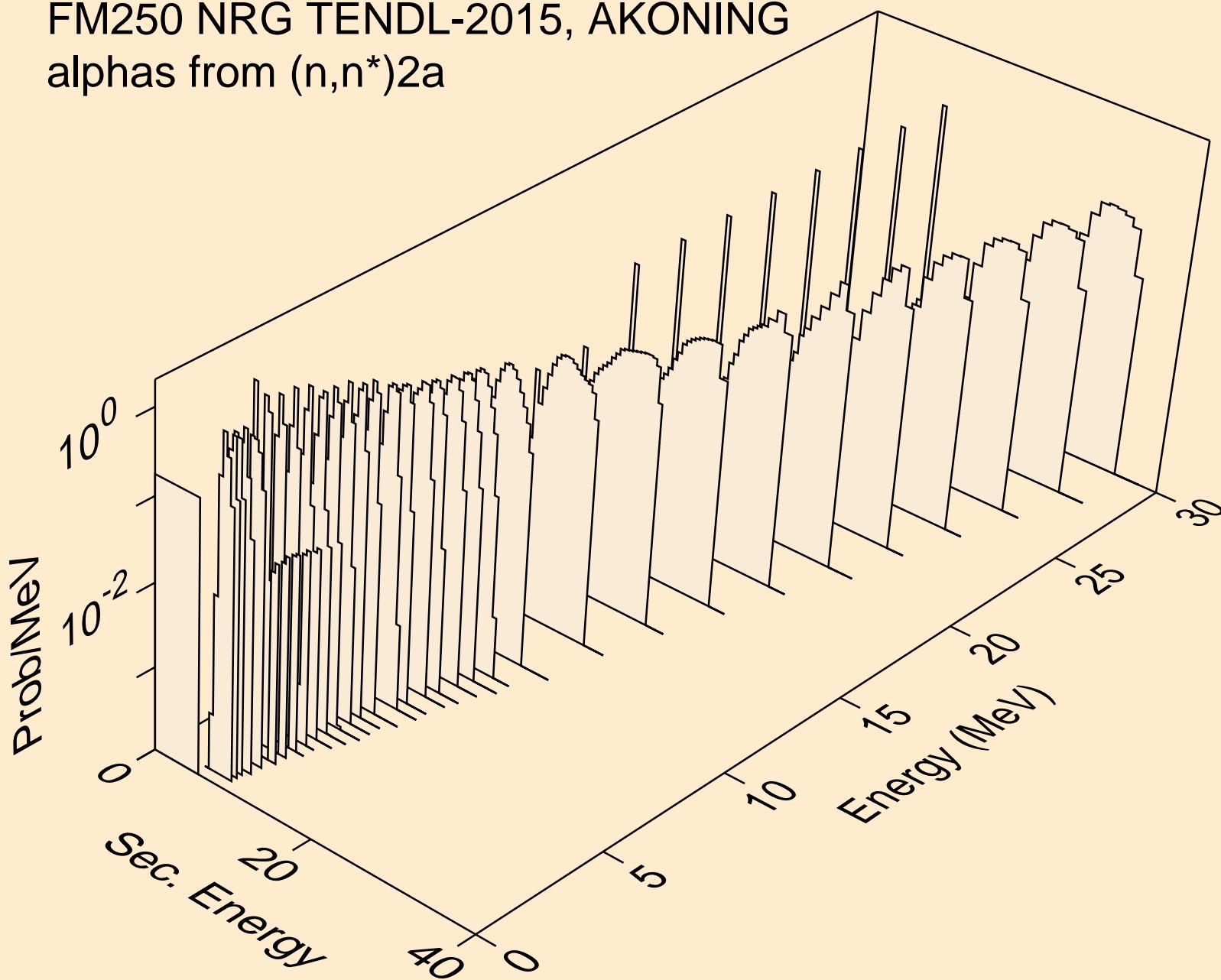
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alphas from ( $n,2n$ )a



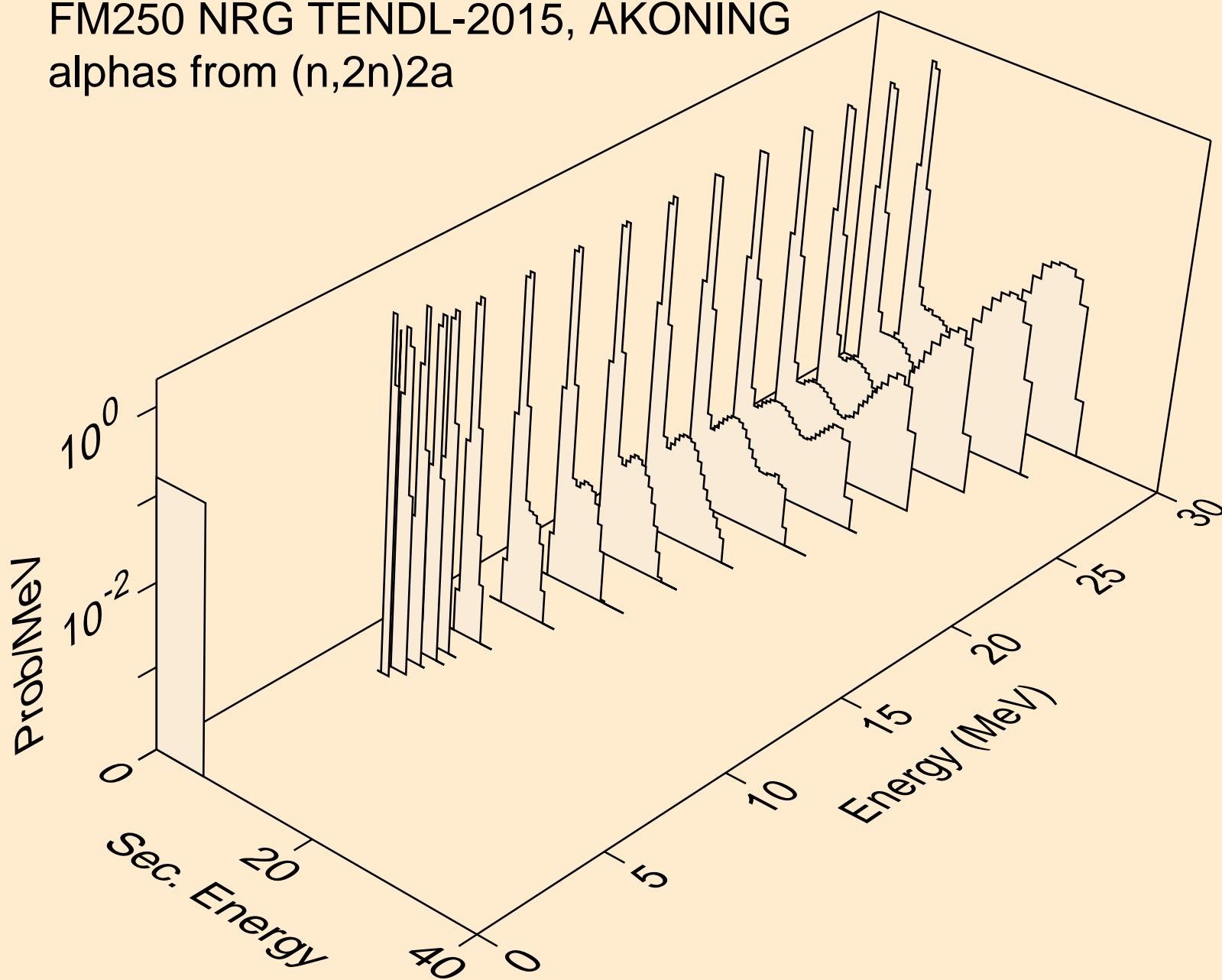
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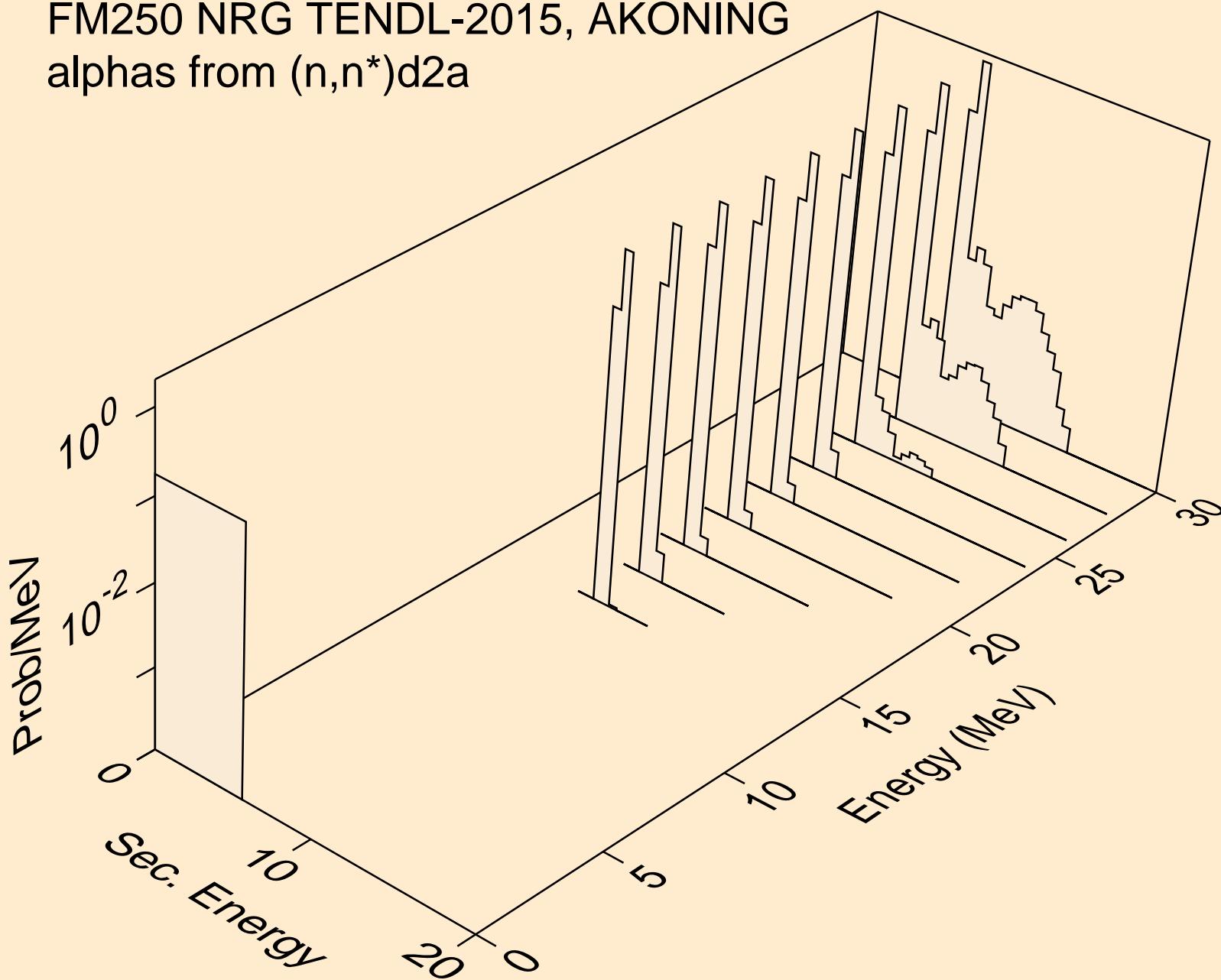
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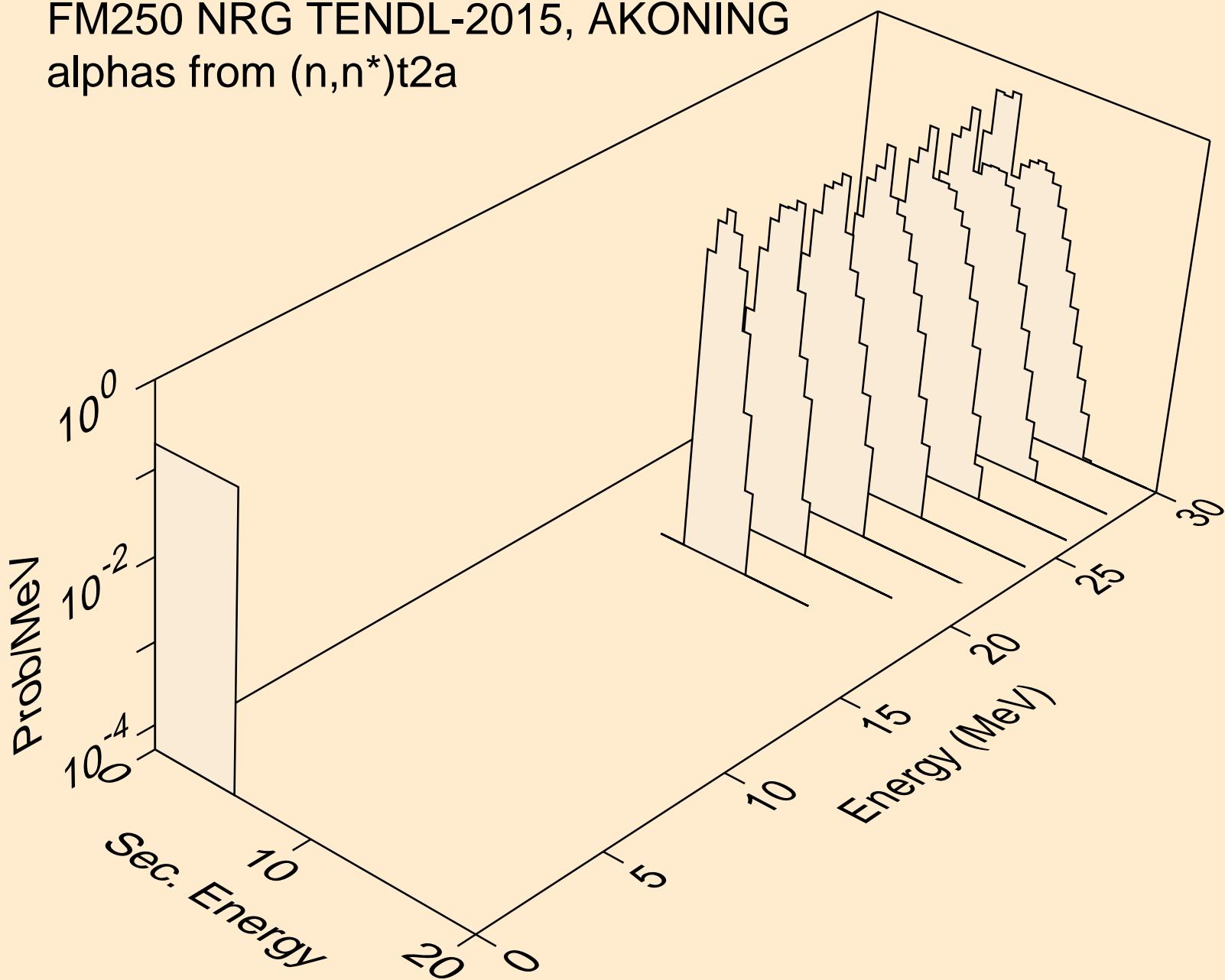
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alphas from  $(n,2n)2a$



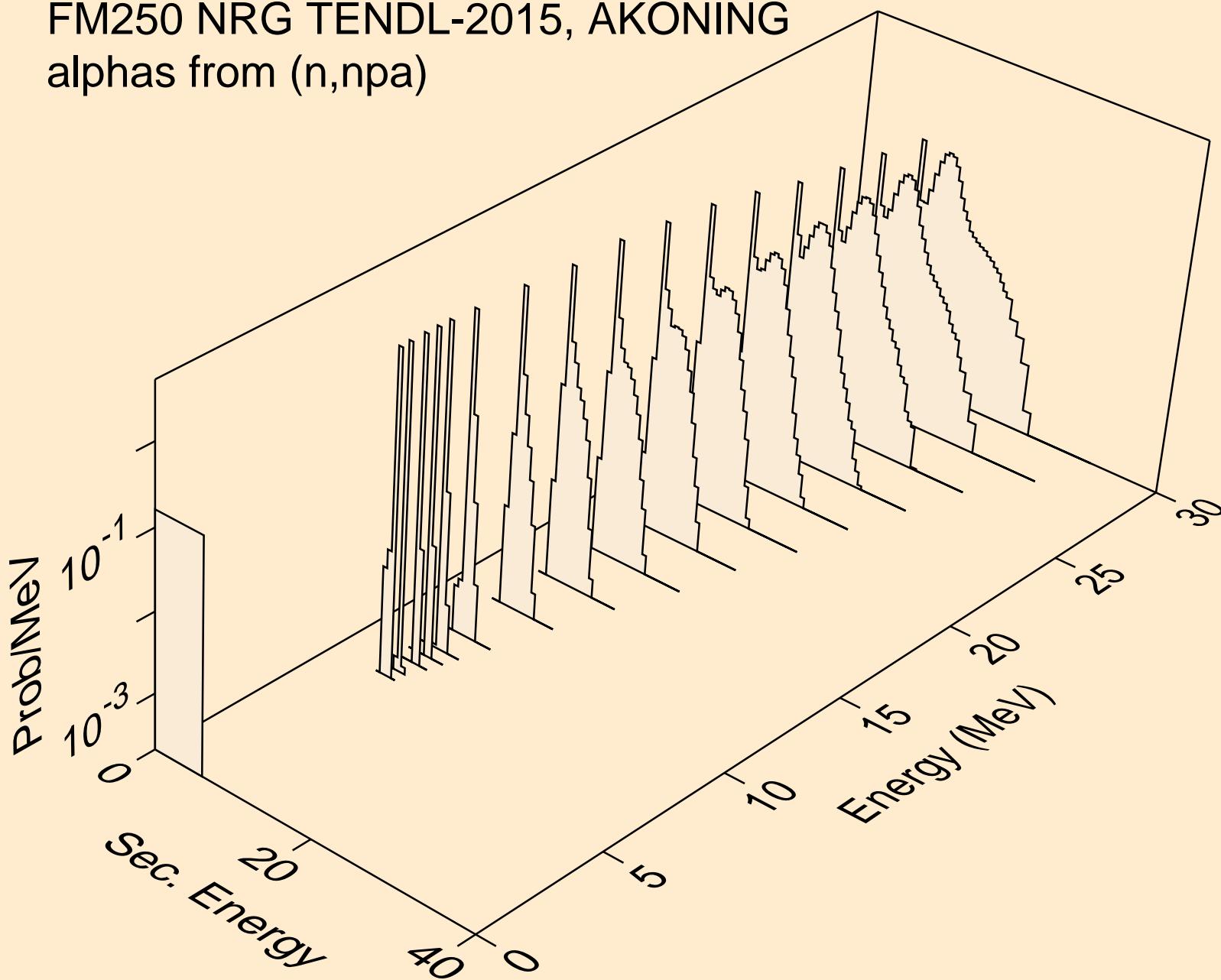
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alphas from  $(n,n^*)d2a$



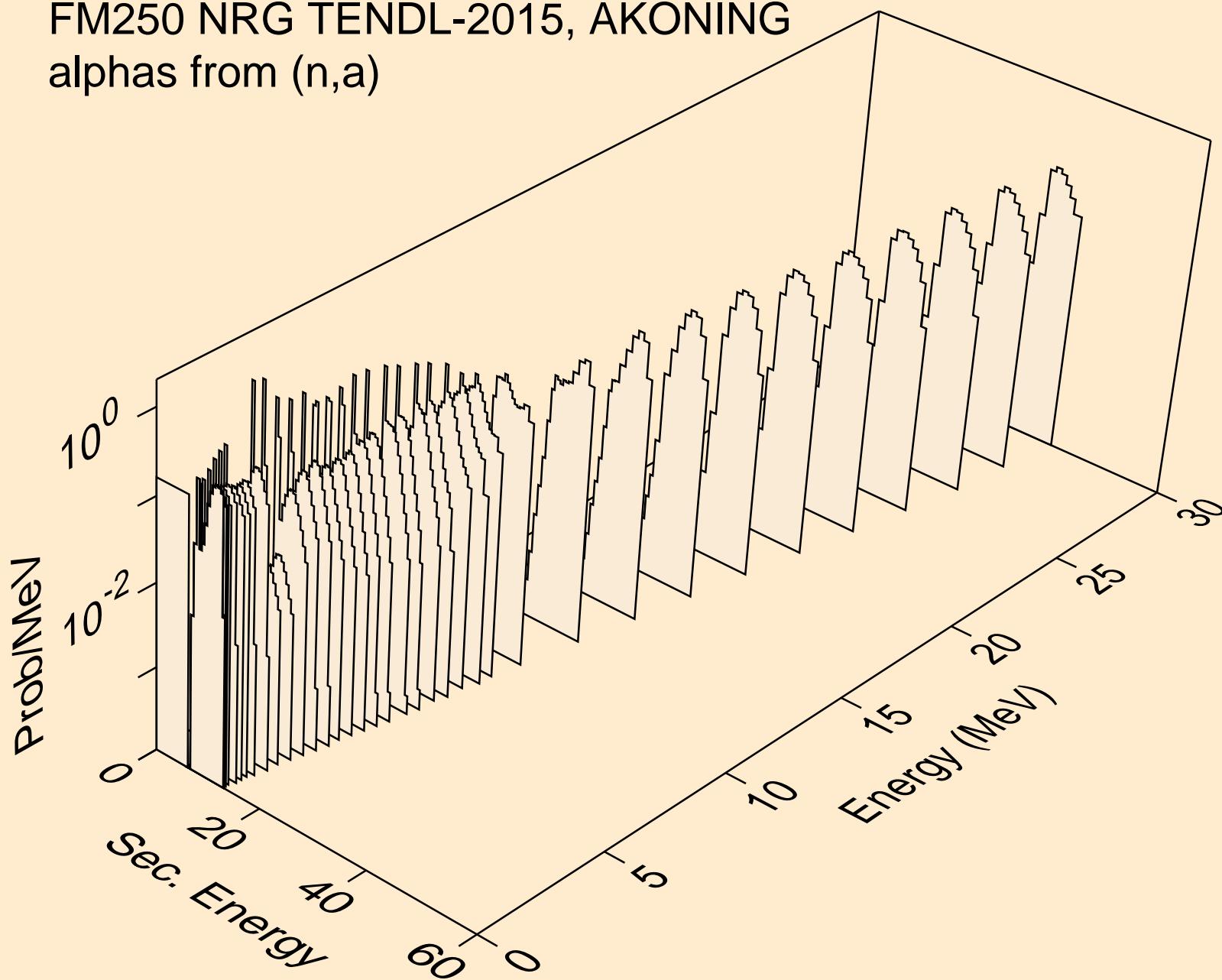
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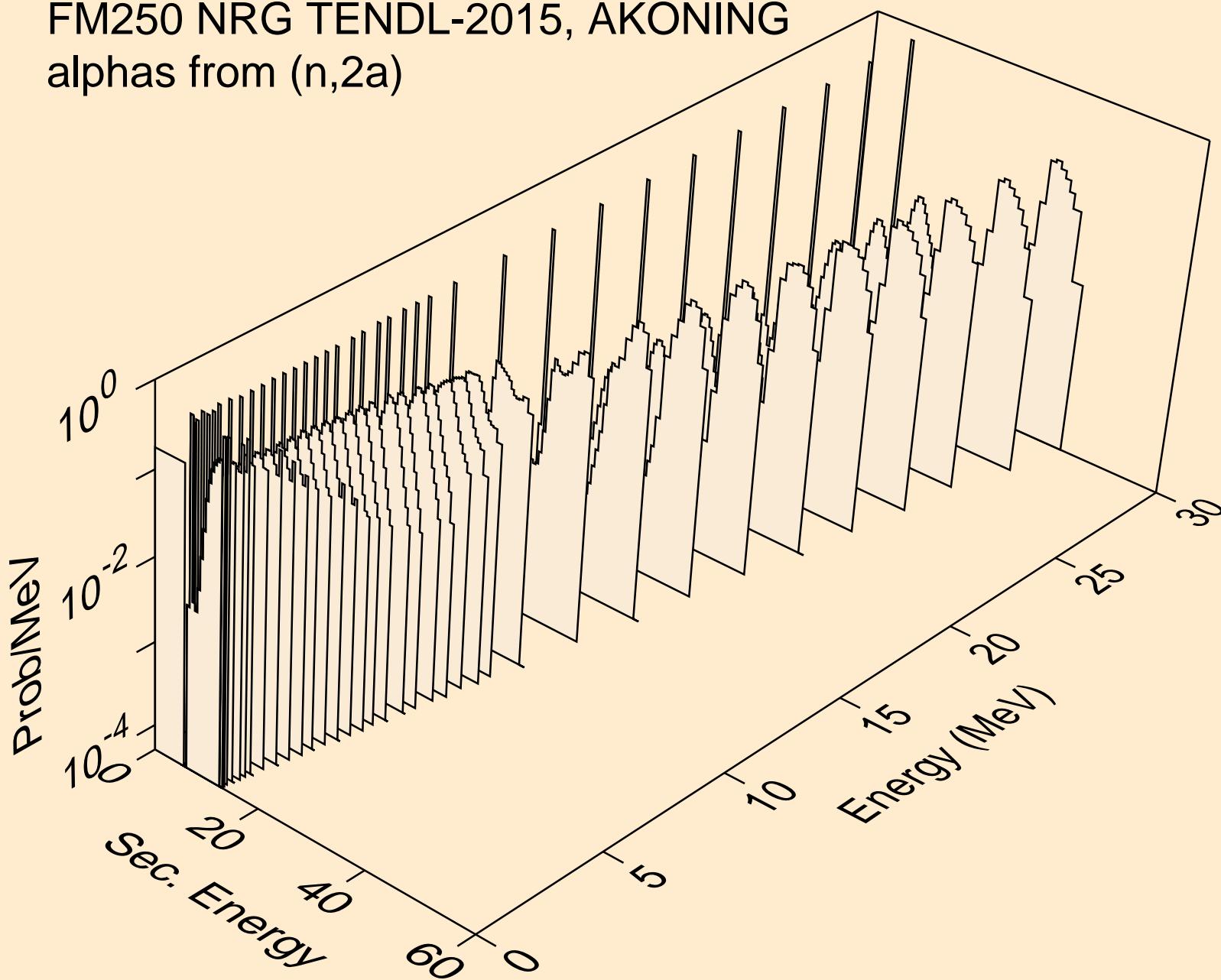
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alphas from (n,npa)



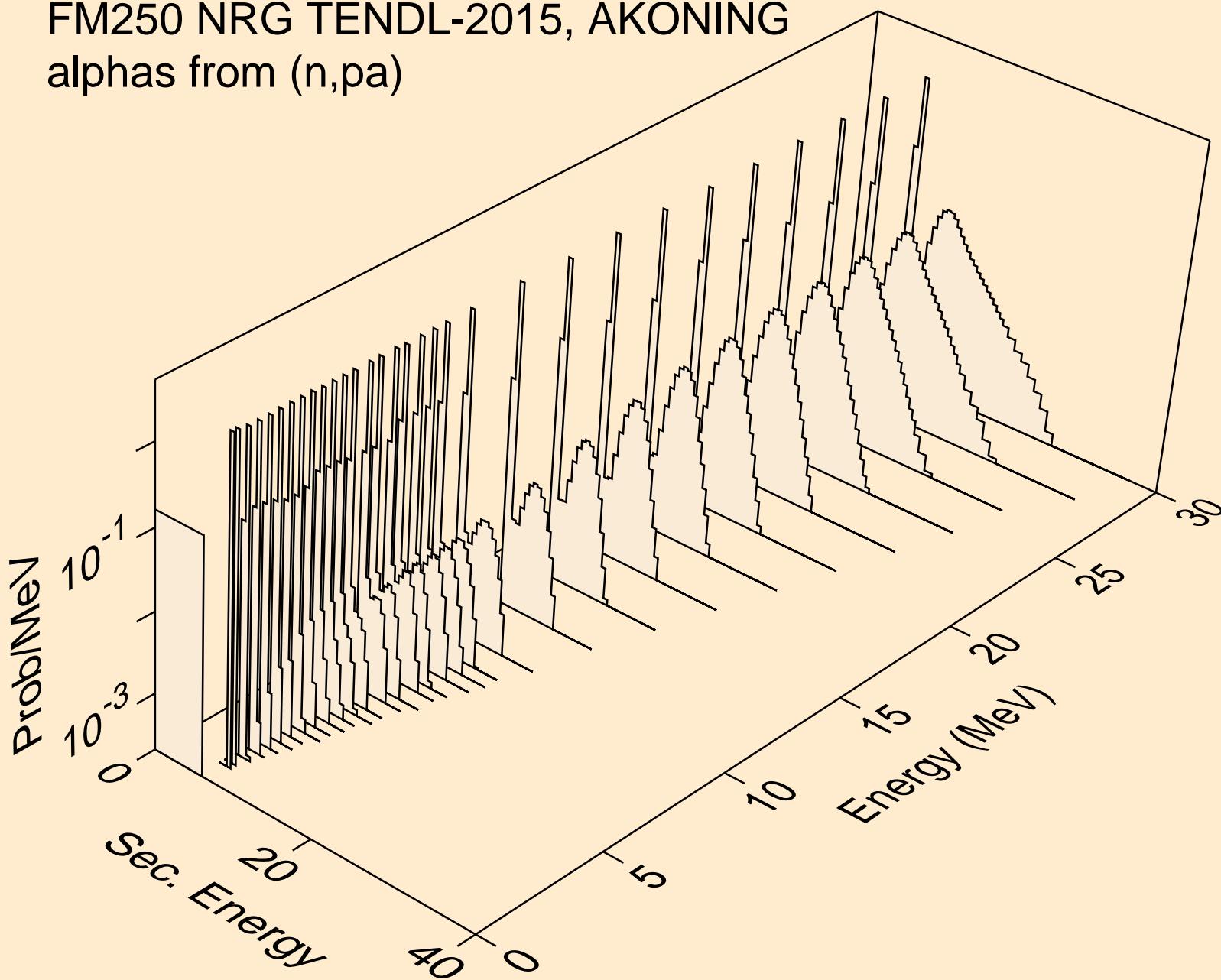
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alphas from (n,a)



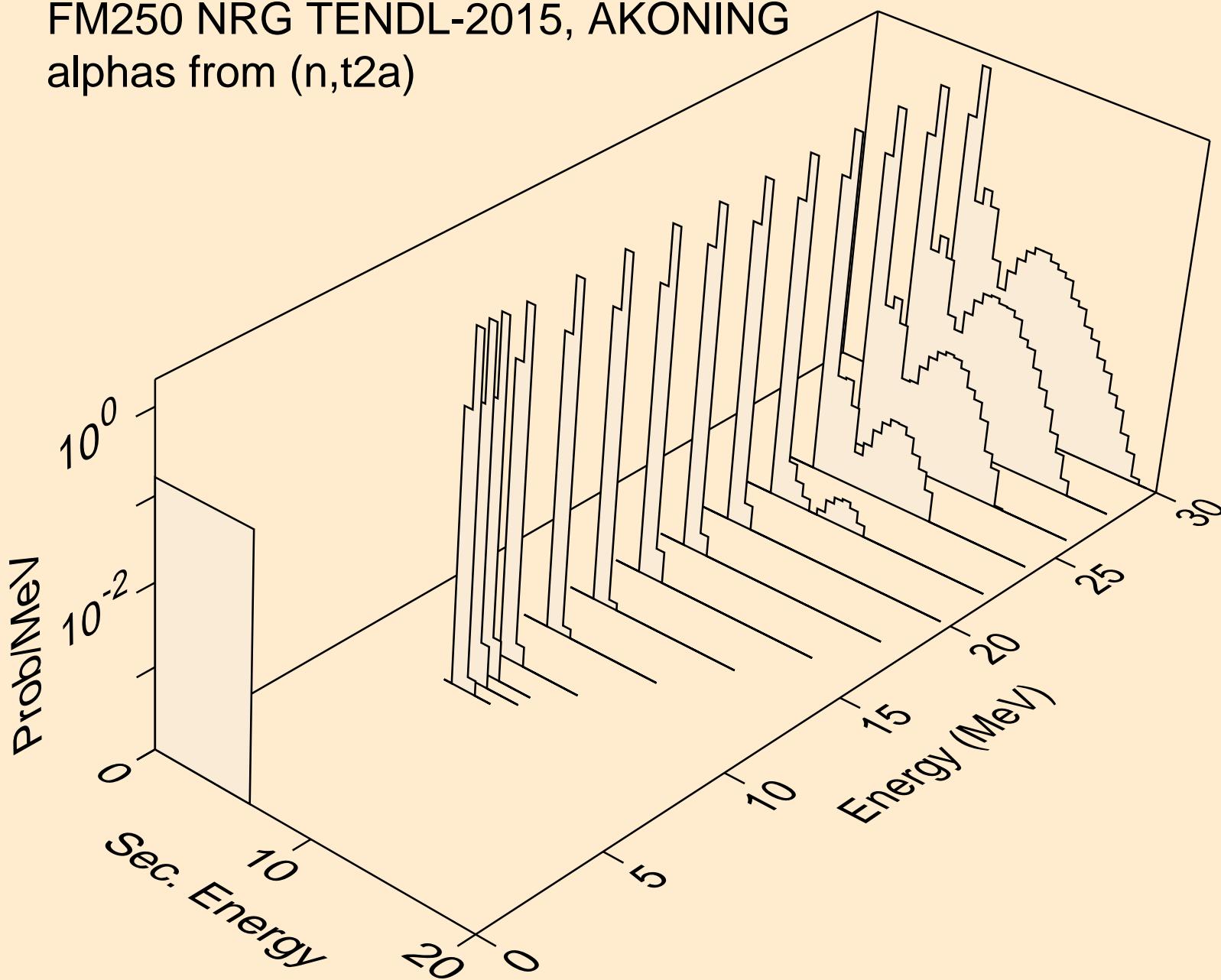
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alphas from ( $n,2a$ )



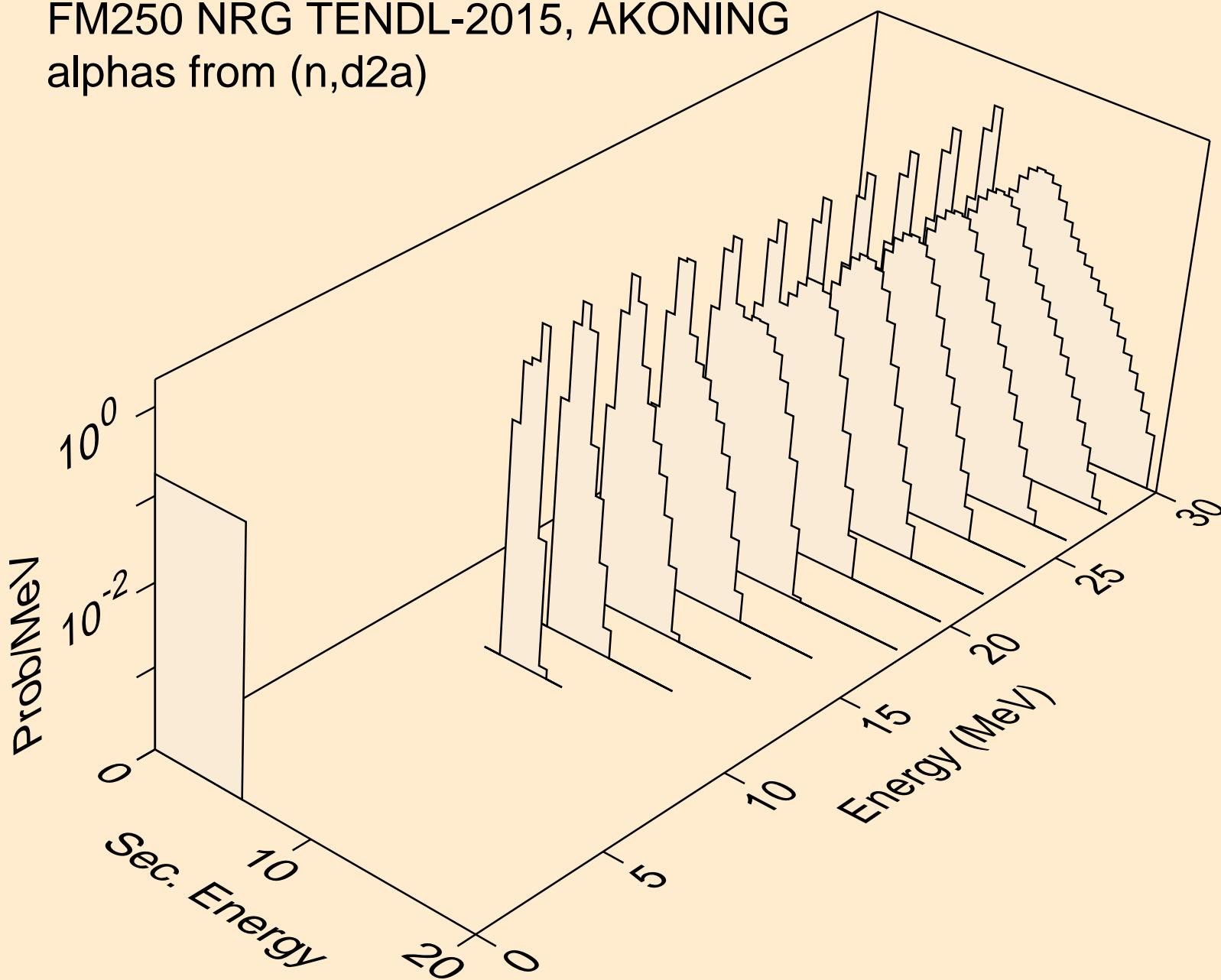
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alphas from (n,pa)



FM250 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



FM250 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



FM250 NRG TENDL-2015, AKONING  
alphas from (n,da)

