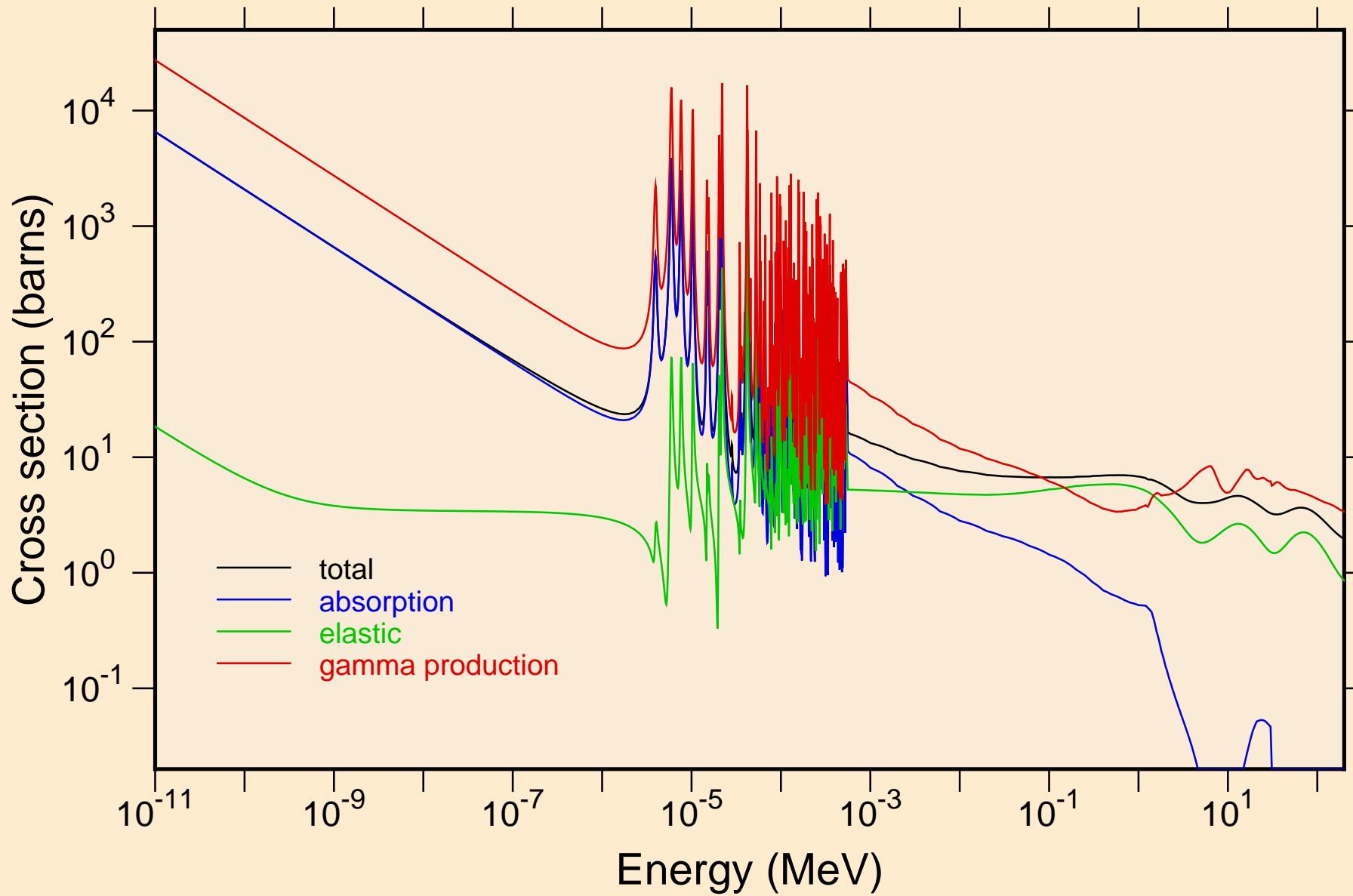
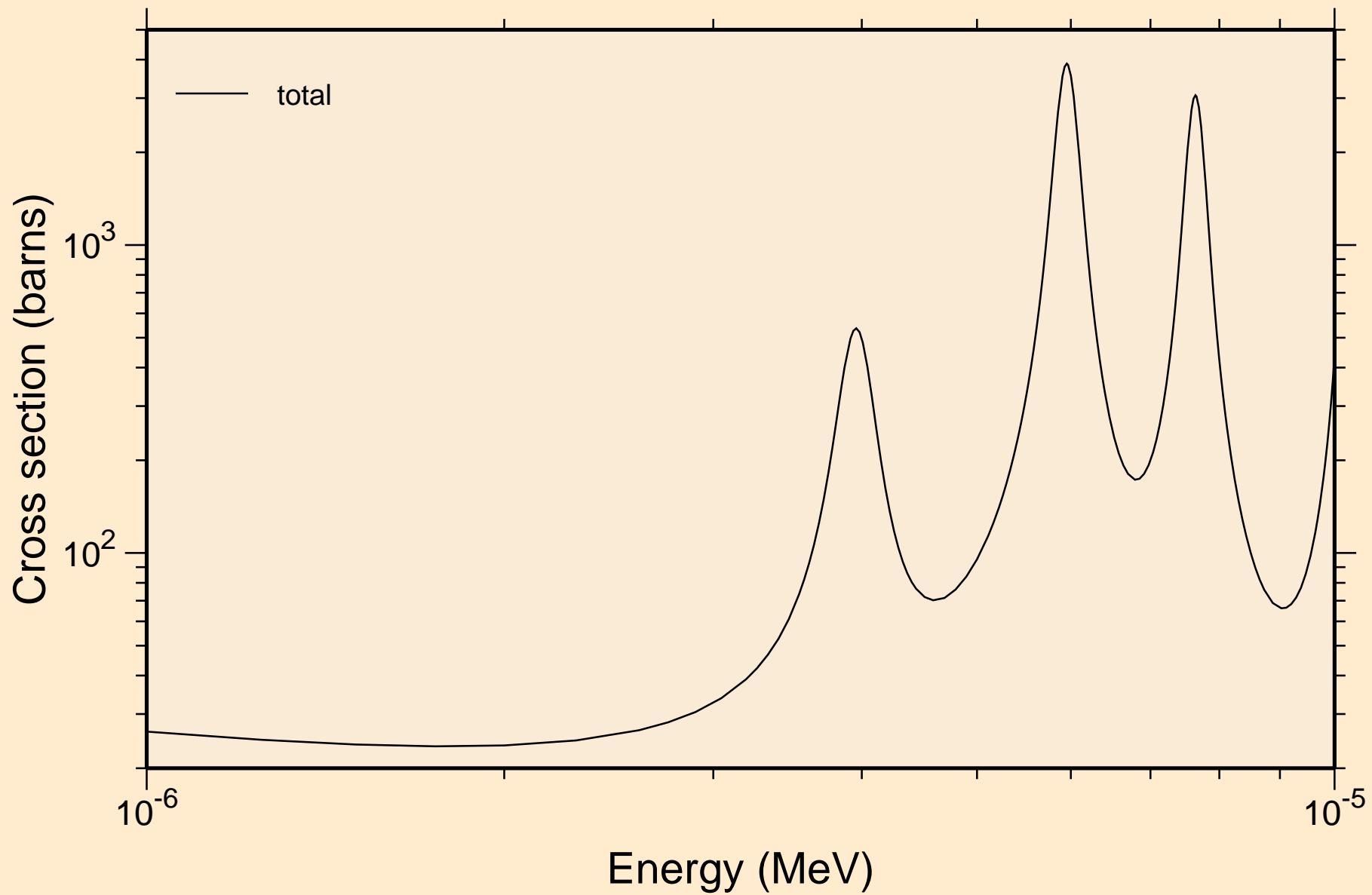


# IN118M NRG TENDL-2015, AKONING

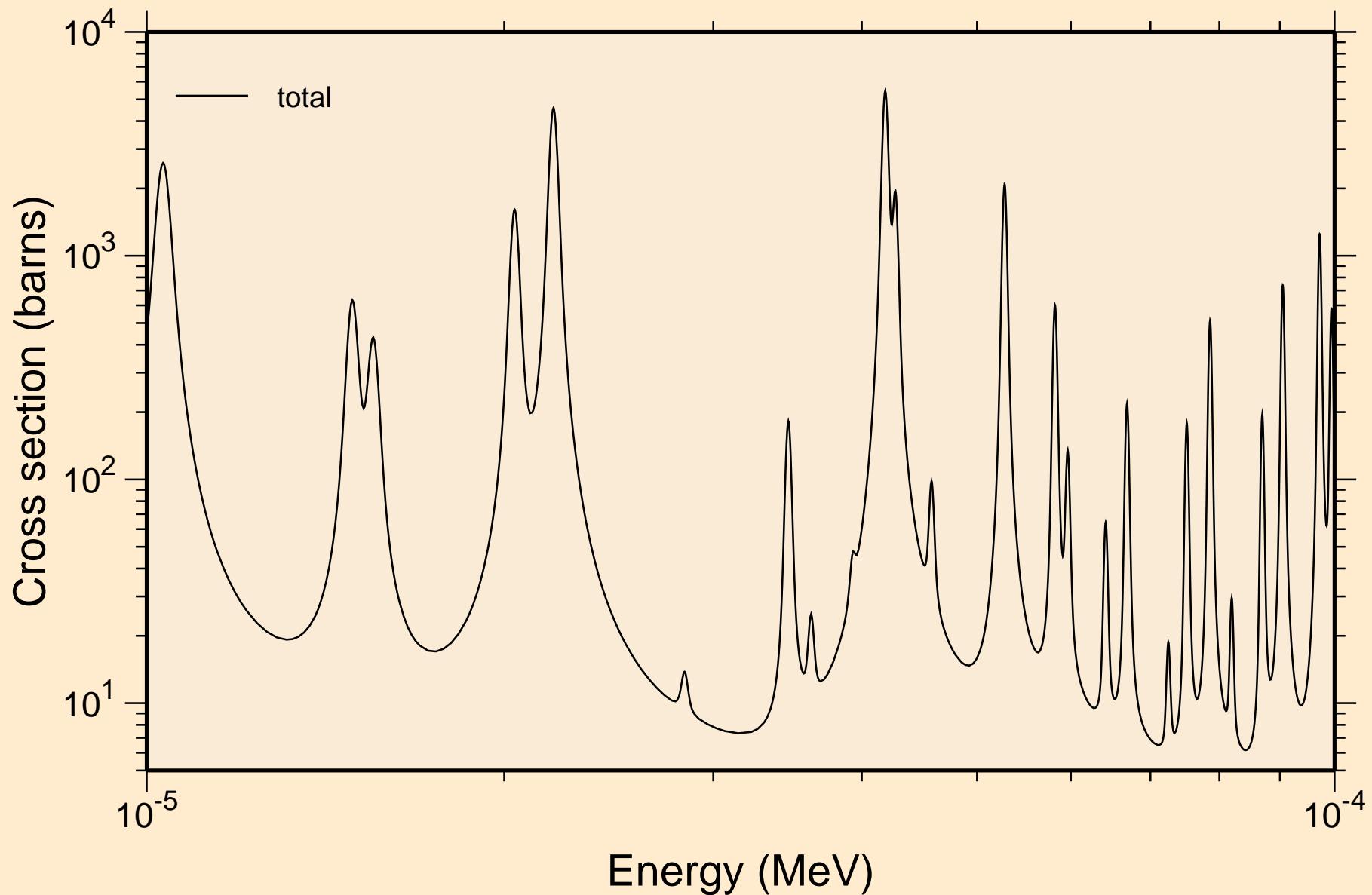
## Principal cross sections



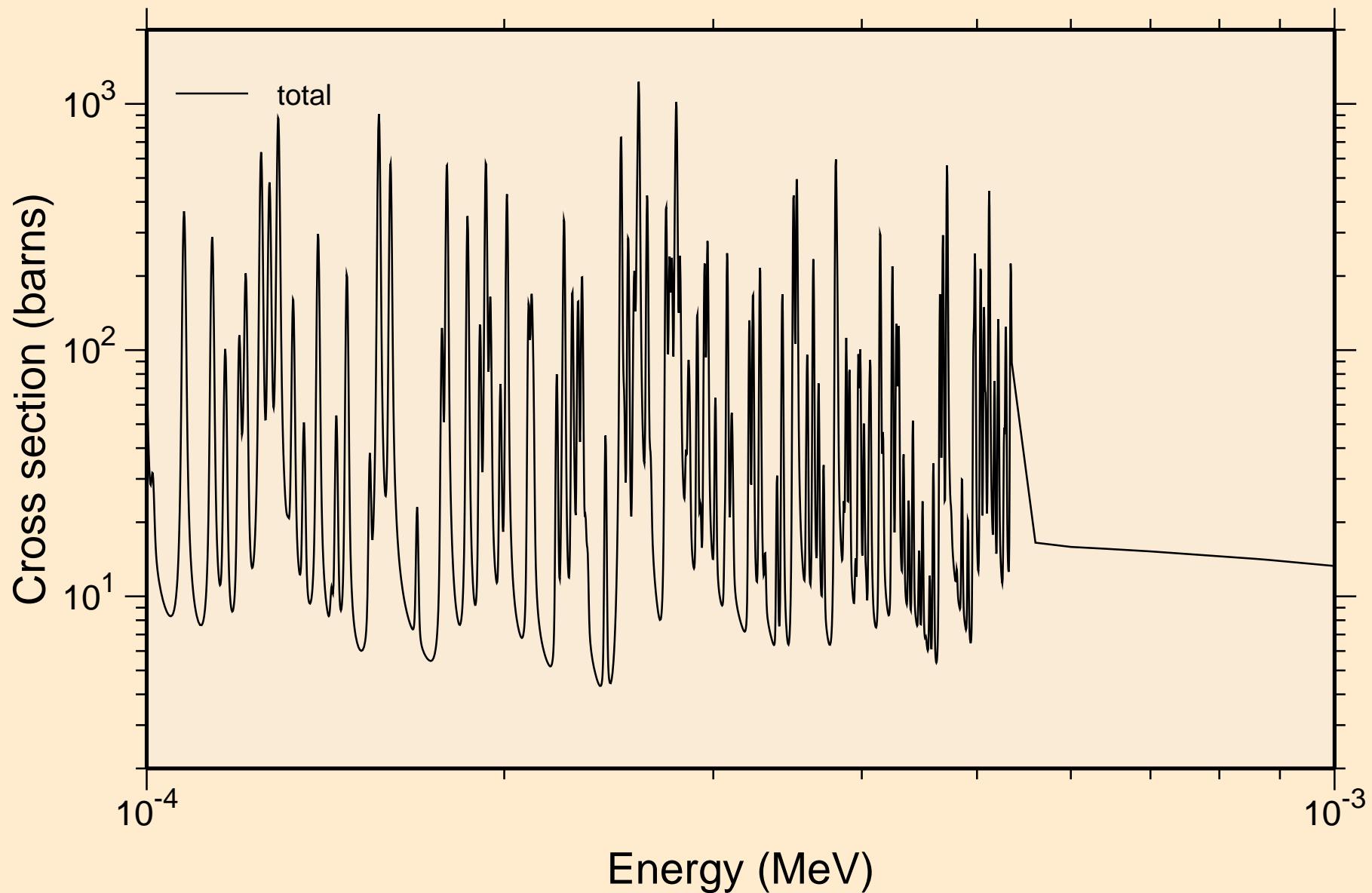
IN118M NRG TENDL-2015, AKONING  
resonance total cross section



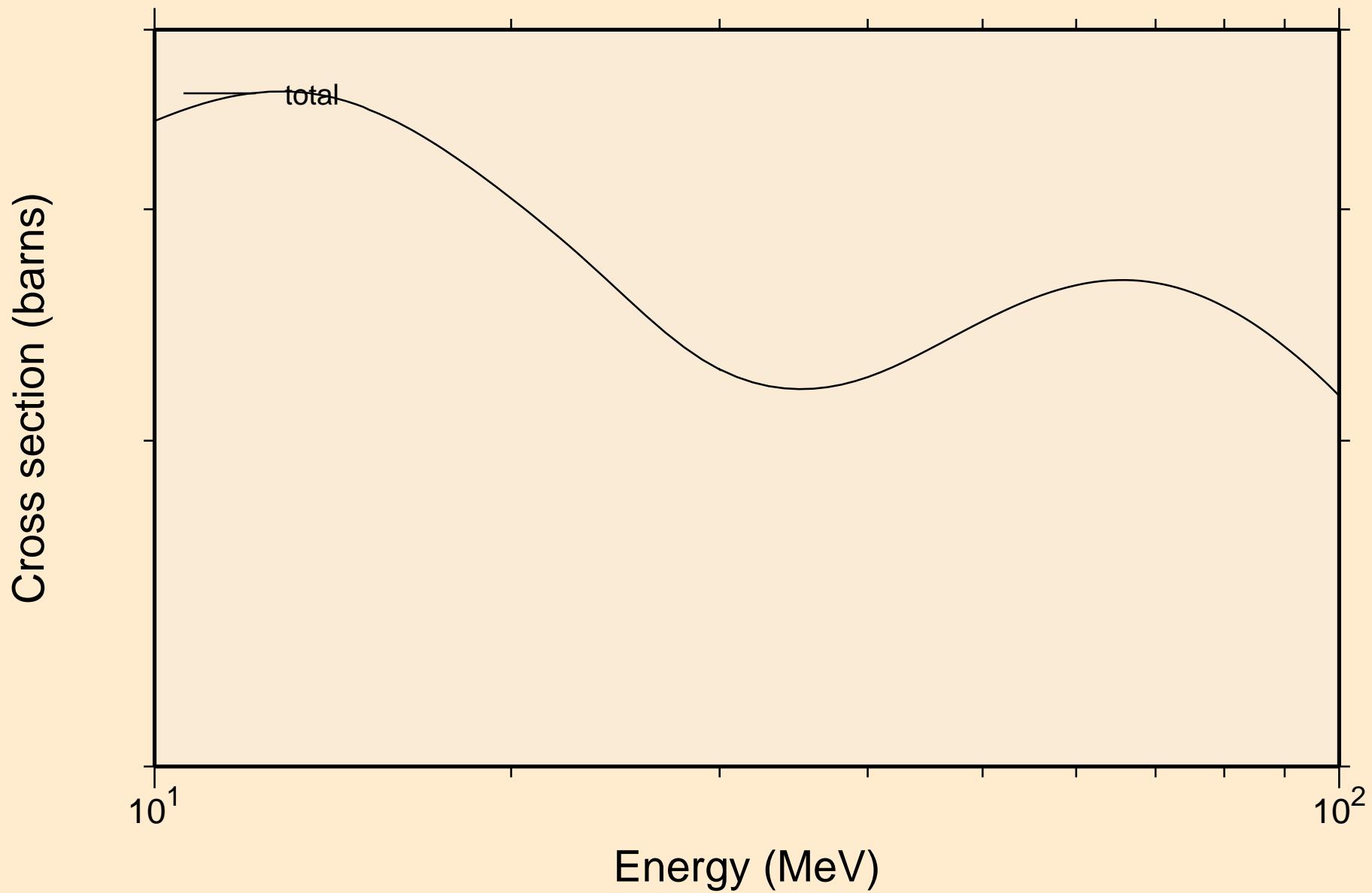
IN118M NRG TENDL-2015, AKONING  
resonance total cross section



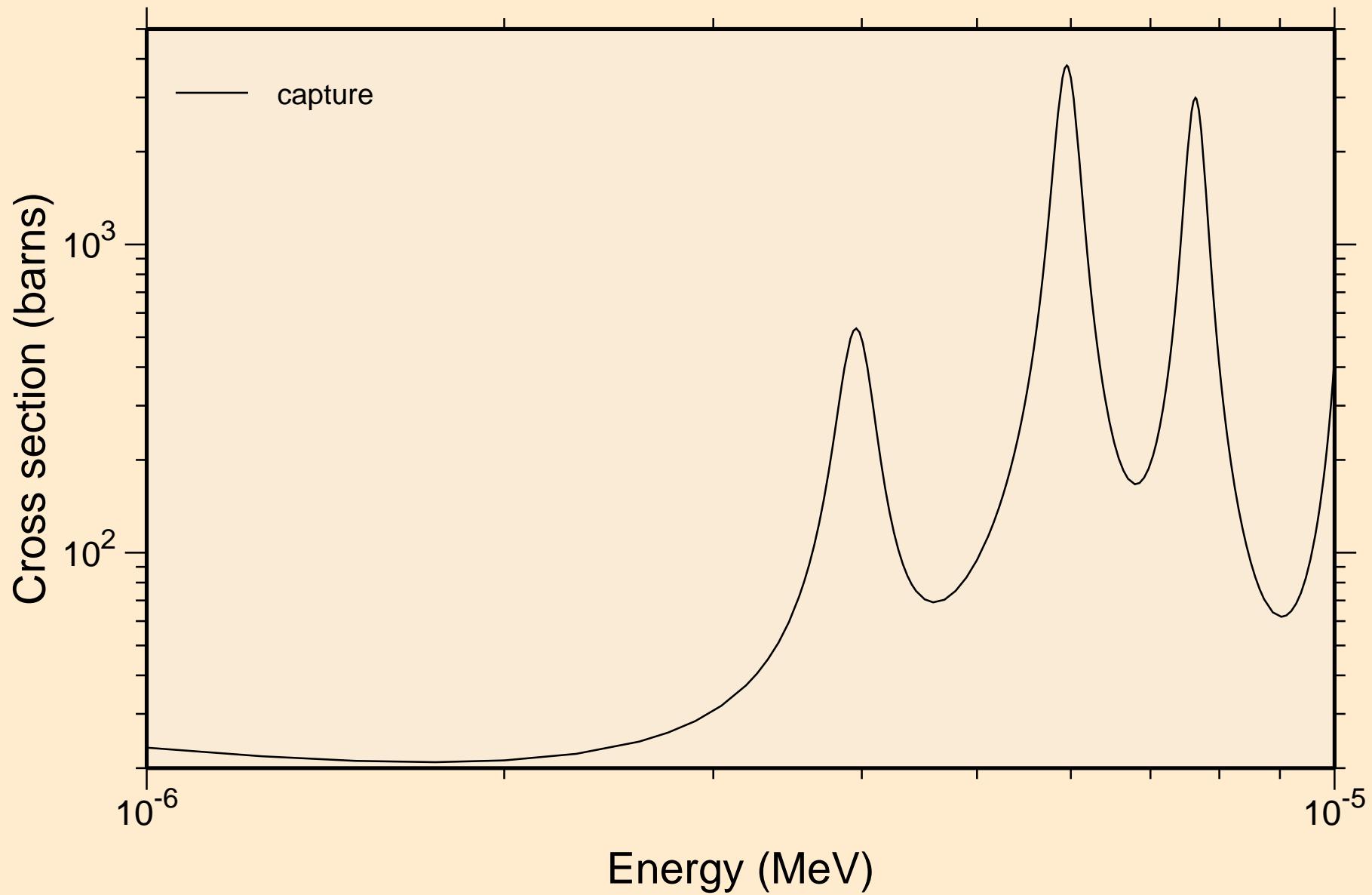
IN118M NRG TENDL-2015, AKONING  
resonance total cross section



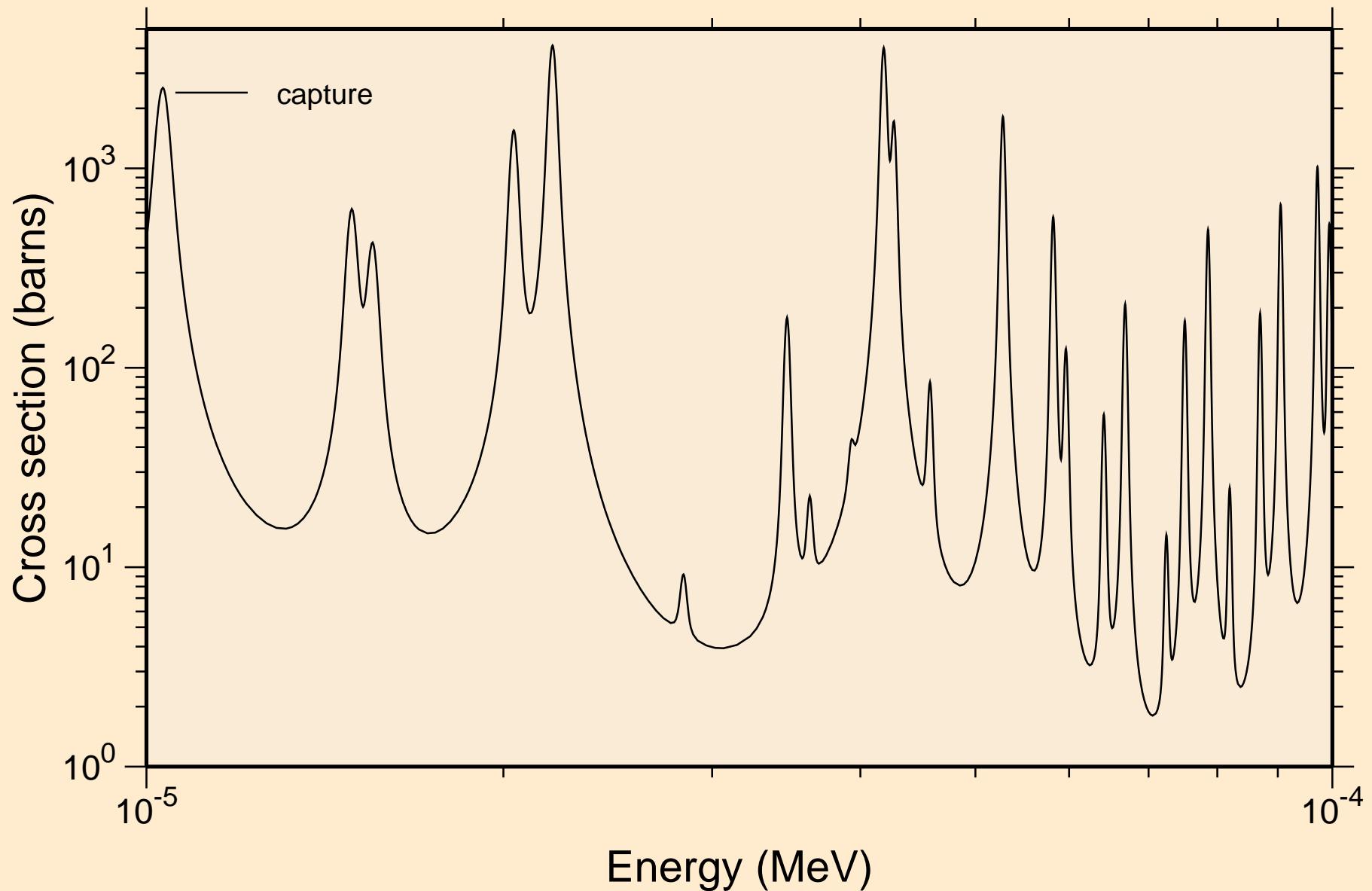
$\bar{\text{IN}}^{118}\text{M}$  NRG TENDL-2015, AKONING  
resonance total cross section



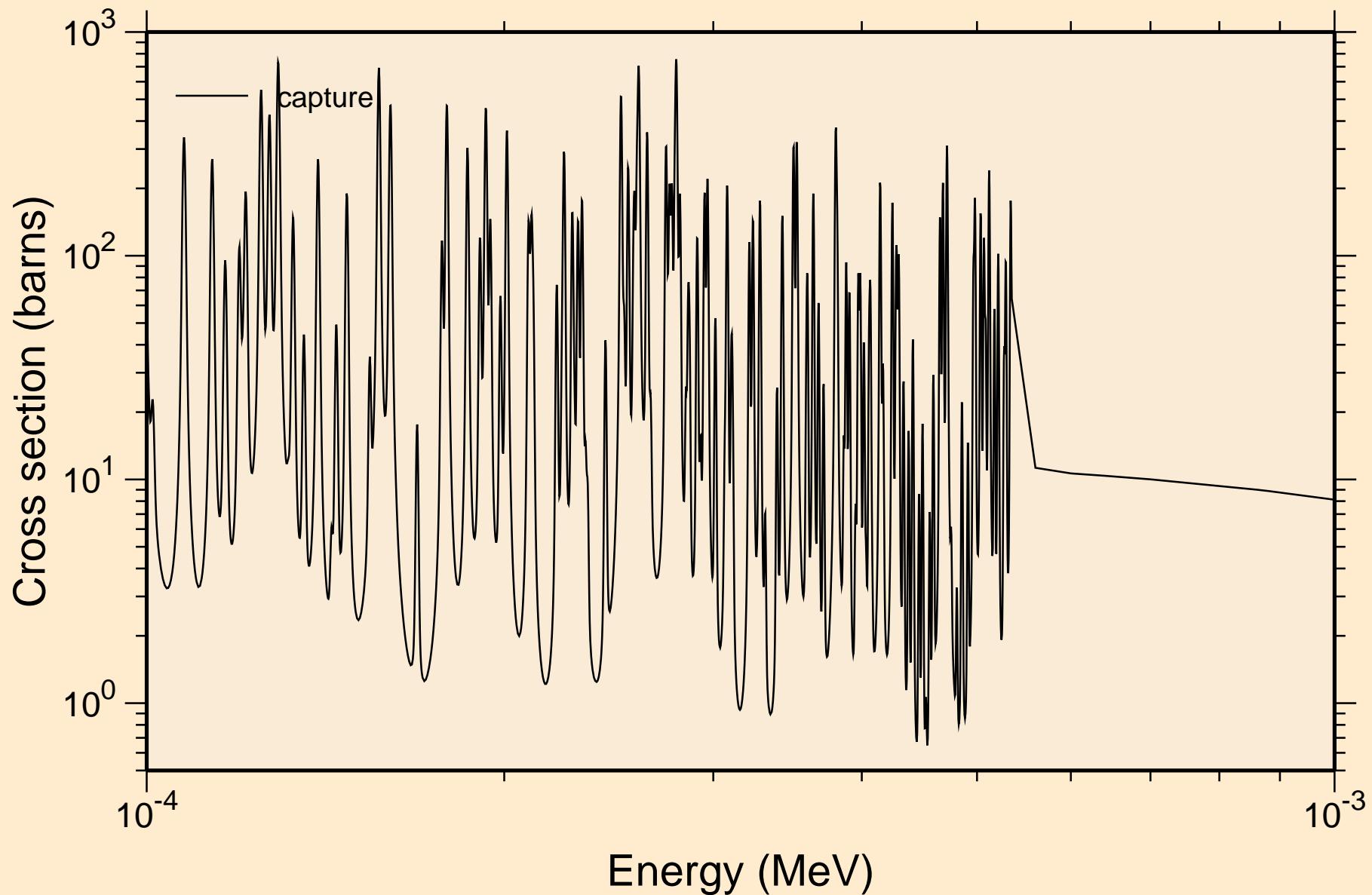
IN118M NRG TENDL-2015, AKONING  
resonance absorption cross sections



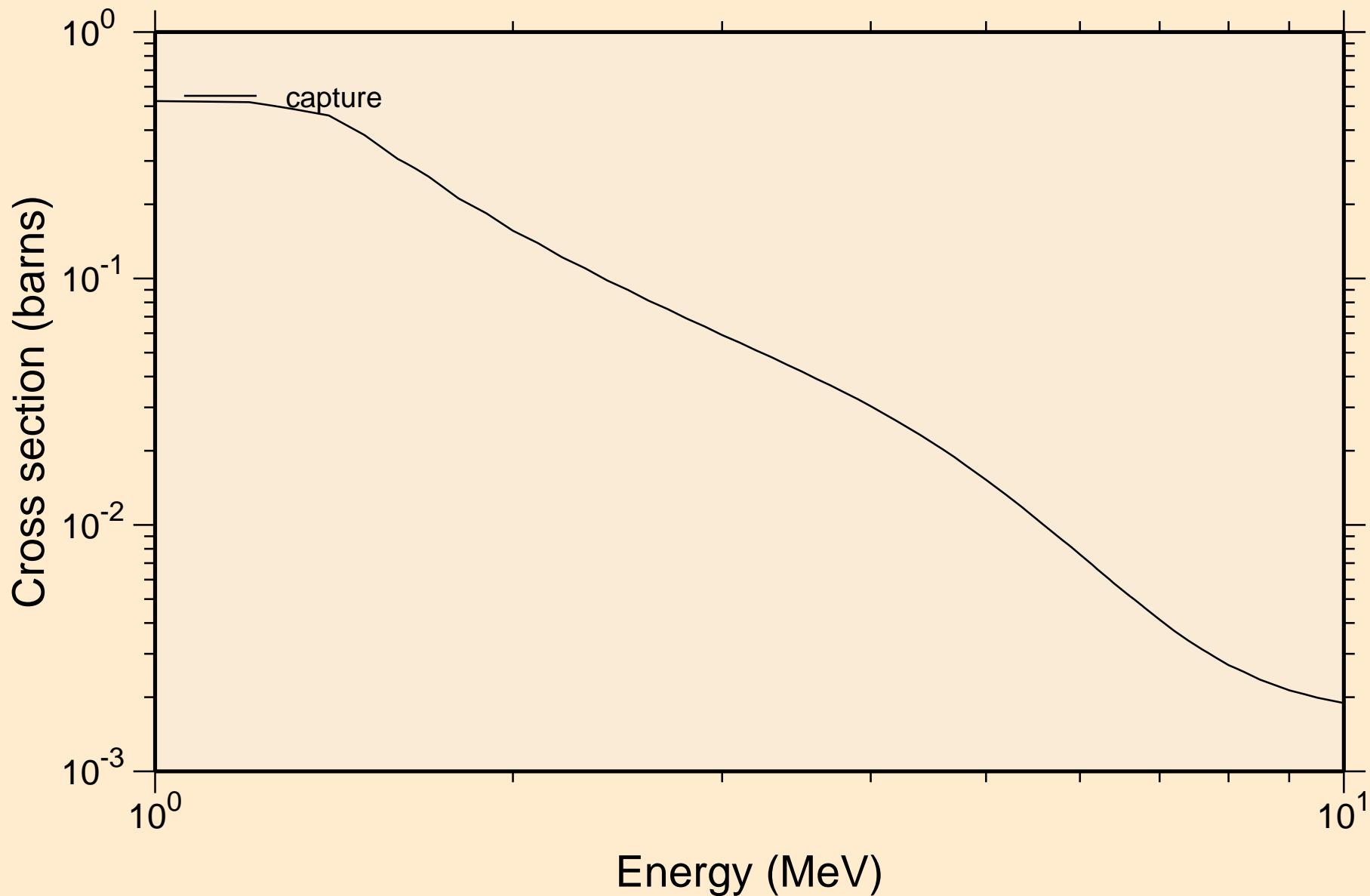
IN118M NRG TENDL-2015, AKONING  
resonance absorption cross sections



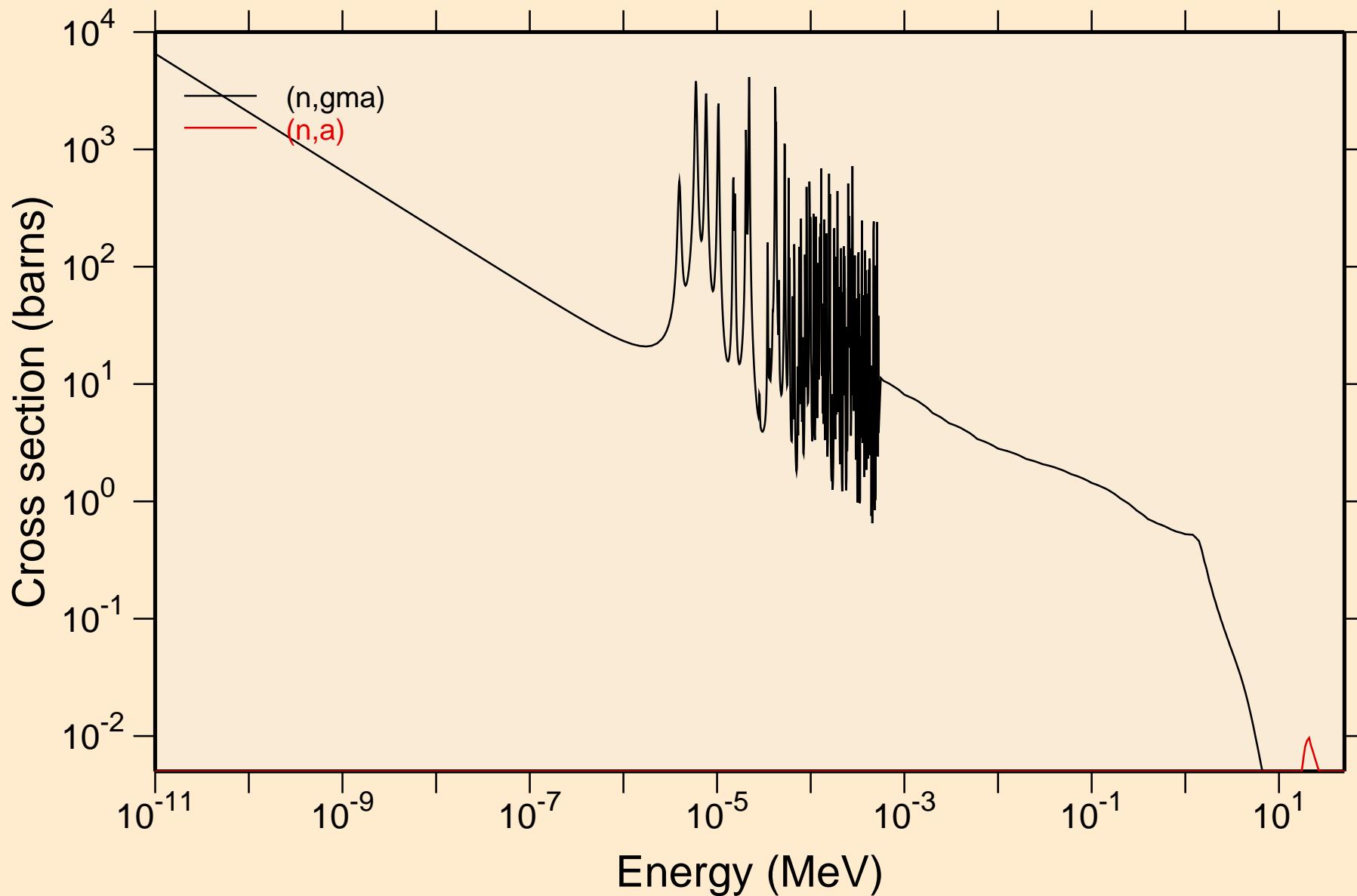
IN118M NRG TENDL-2015, AKONING  
resonance absorption cross sections



IN118M NRG TENDL-2015, AKONING  
resonance absorption cross sections

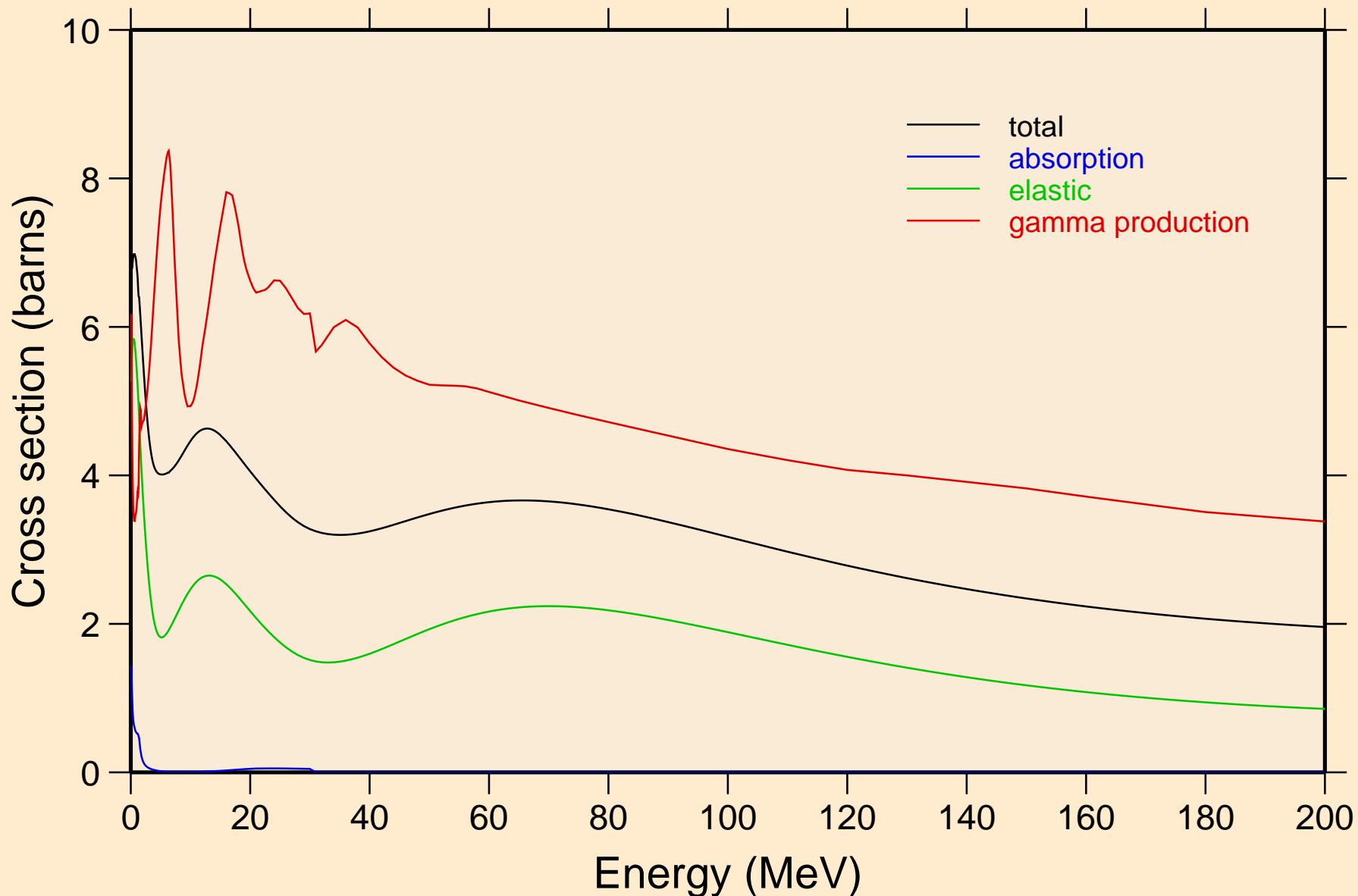


IN118M NRG TENDL-2015, AKONING  
Non-threshold reactions

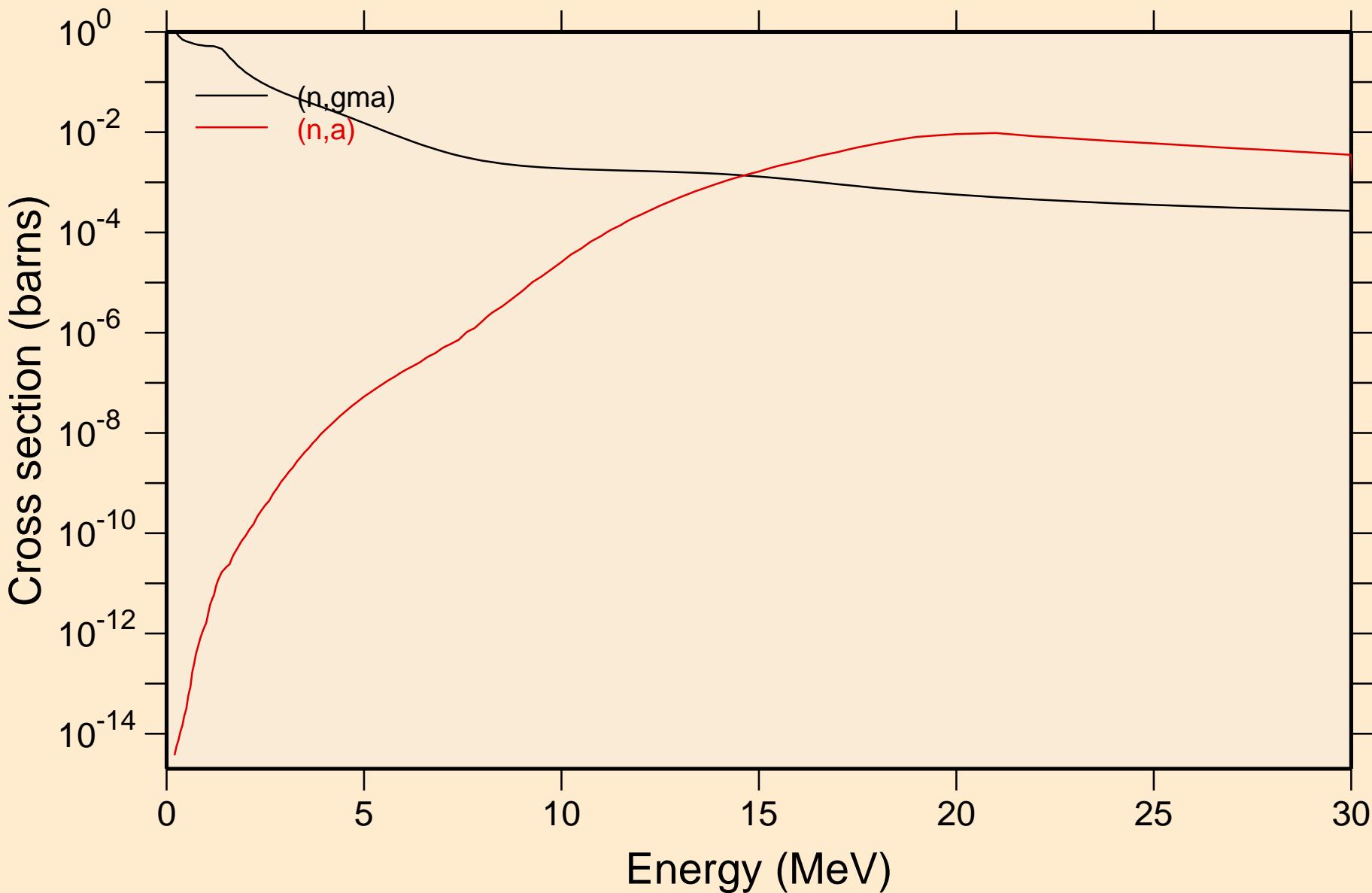


# IN118M NRG TENDL-2015, AKONING

## Principal cross sections

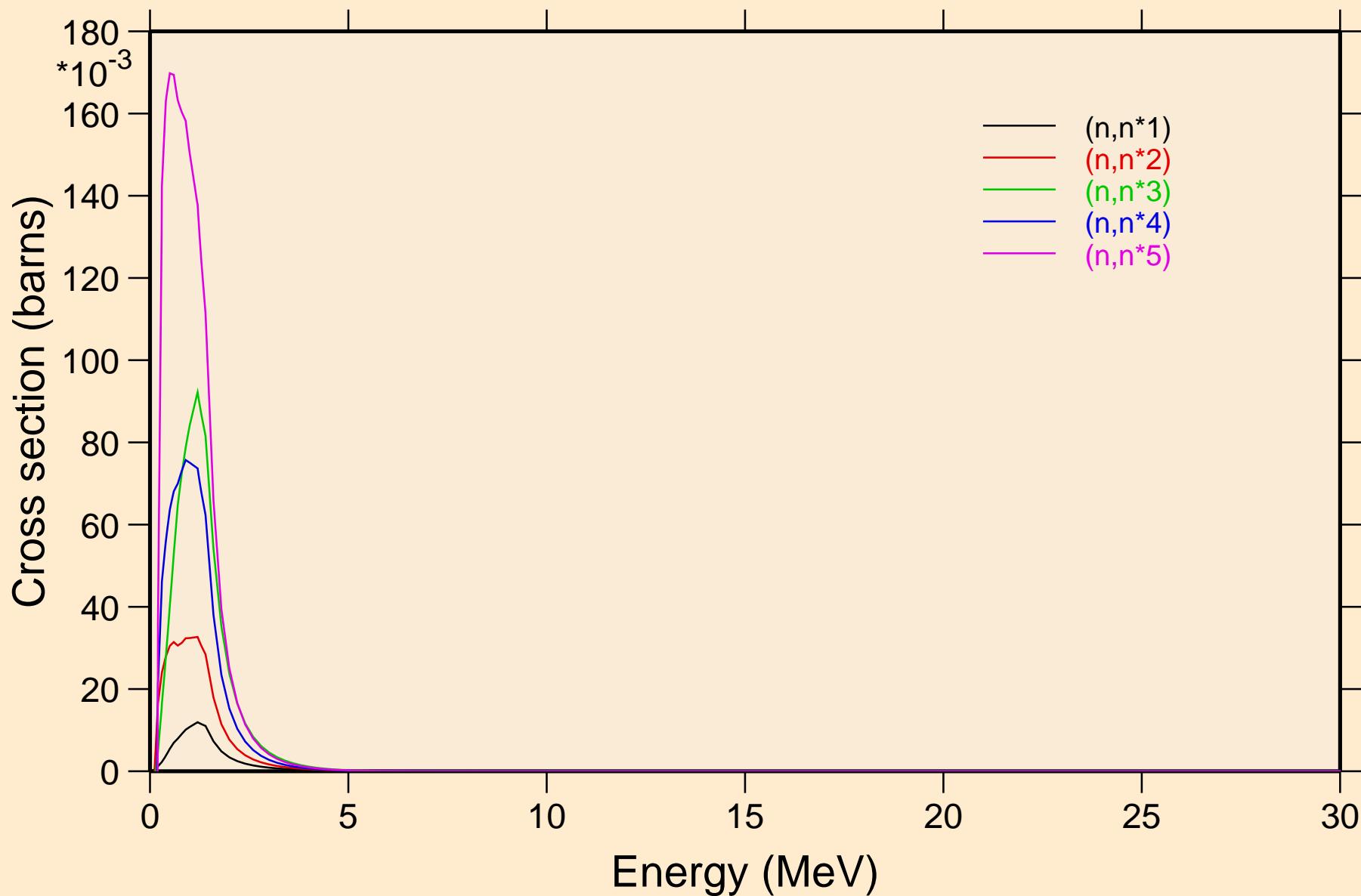


IN118M NRG TENDL-2015, AKONING  
Non-threshold reactions



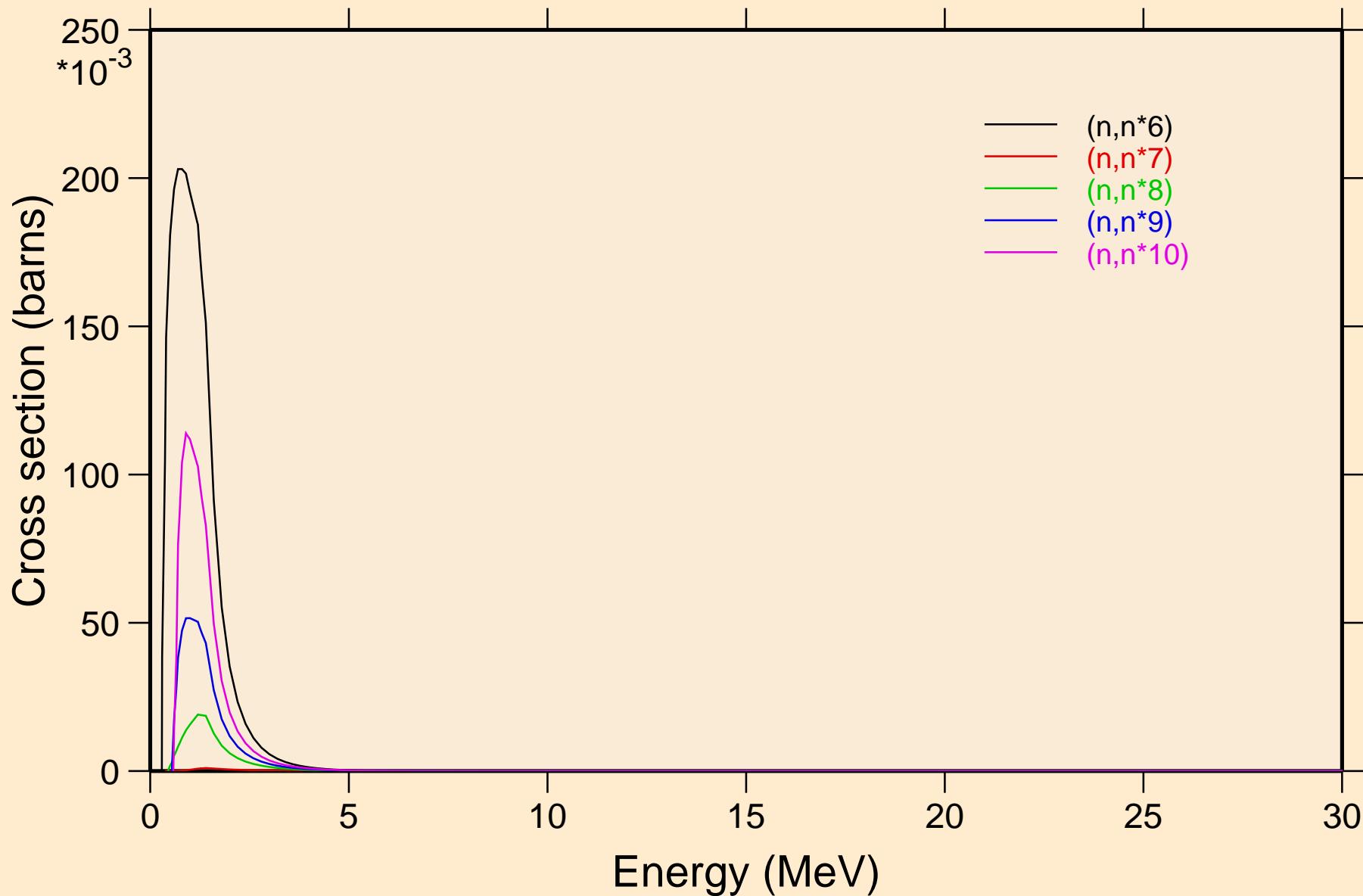
# IN118M NRG TENDL-2015, AKONING

## Inelastic levels



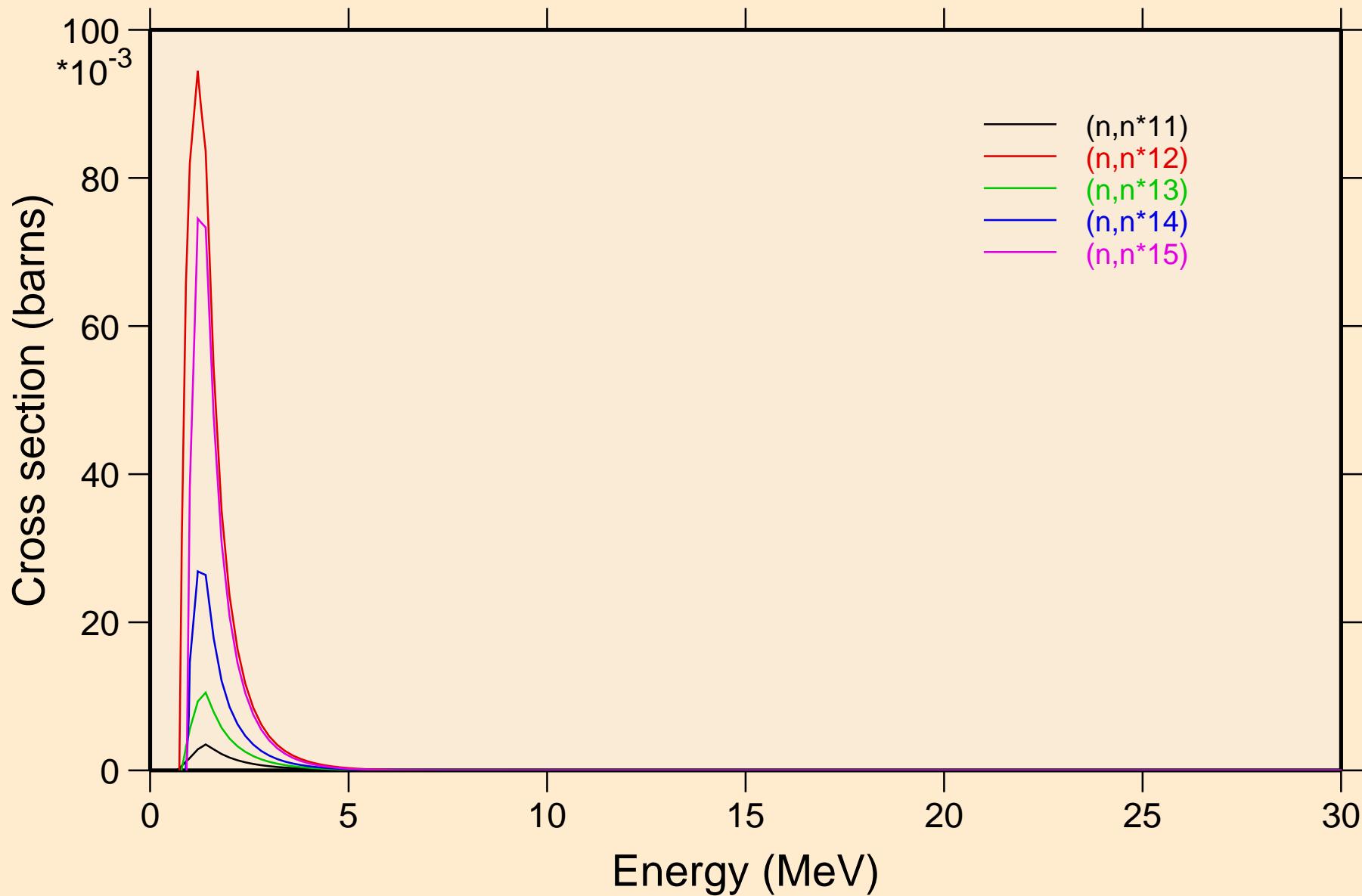
# IN118M NRG TENDL-2015, AKONING

## Inelastic levels



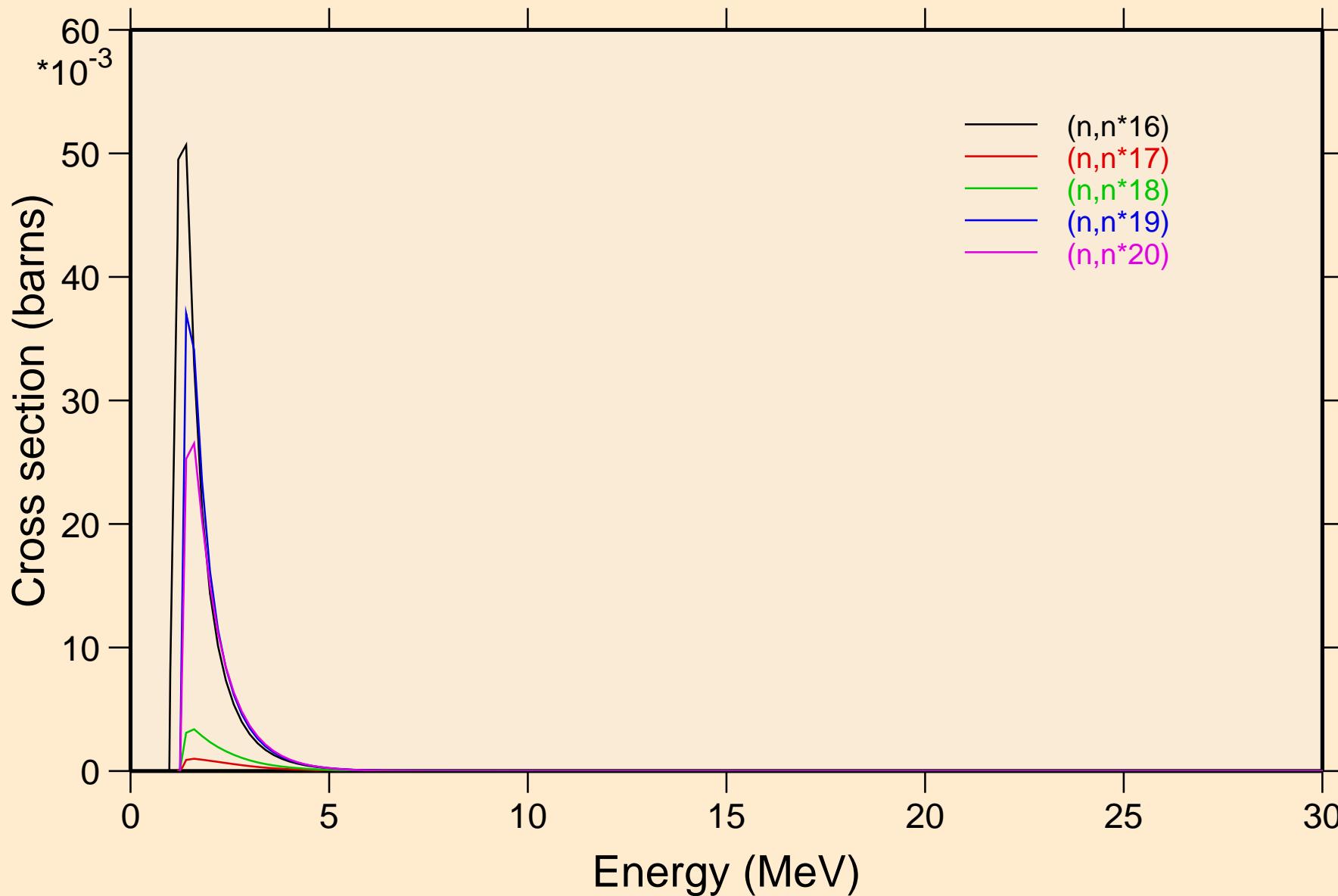
# IN118M NRG TENDL-2015, AKONING

## Inelastic levels



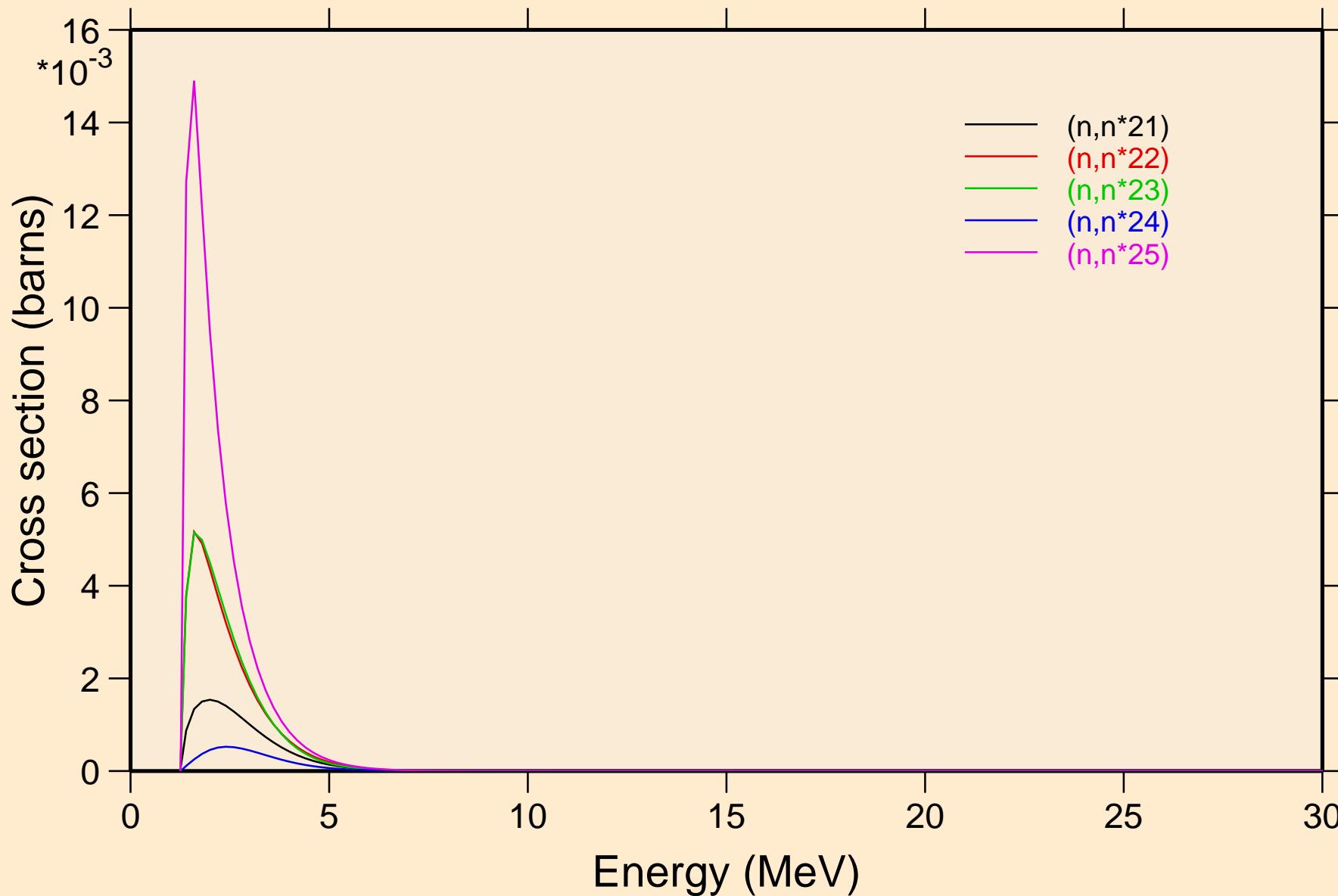
# IN118M NRG TENDL-2015, AKONING

## Inelastic levels



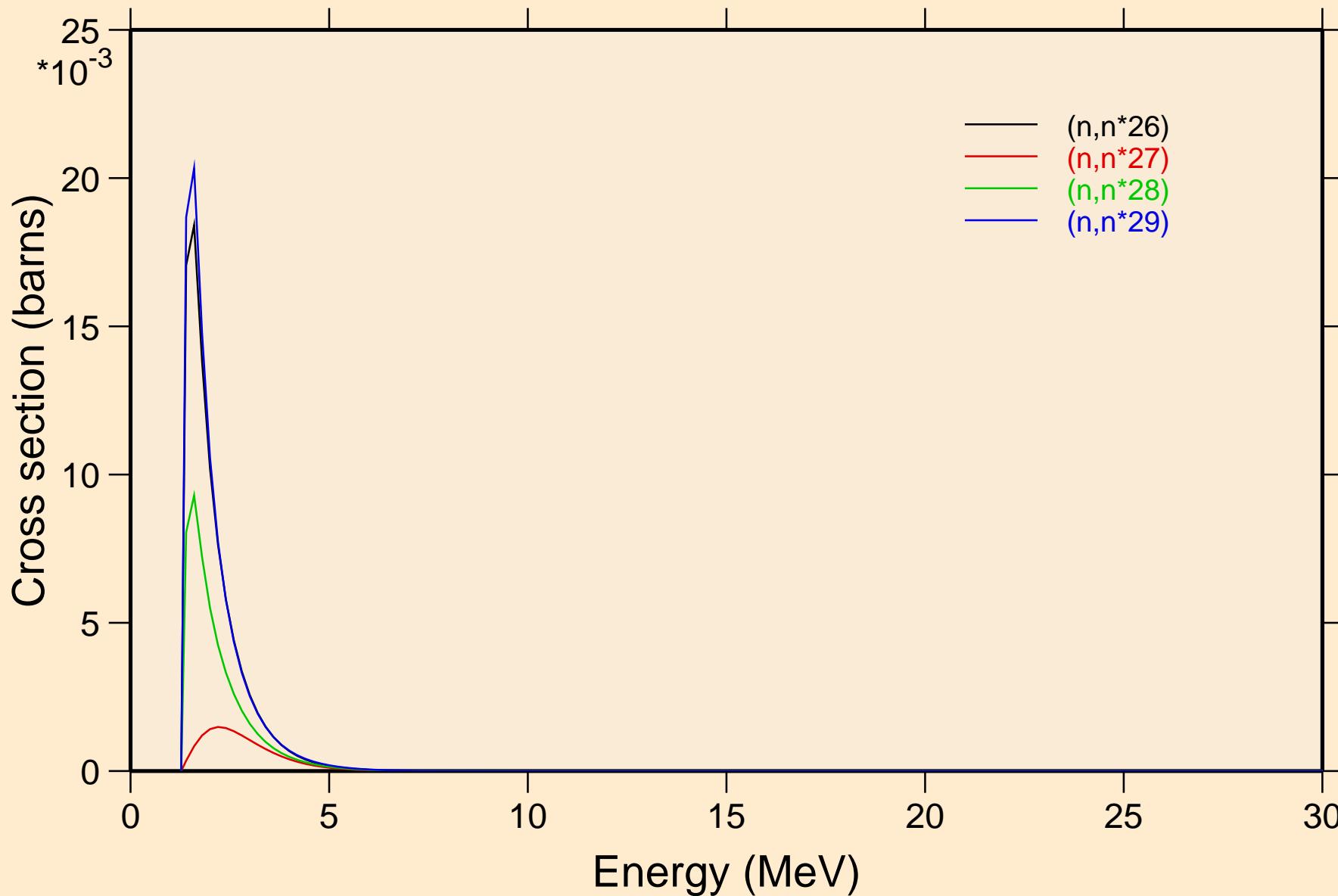
# IN118M NRG TENDL-2015, AKONING

## Inelastic levels



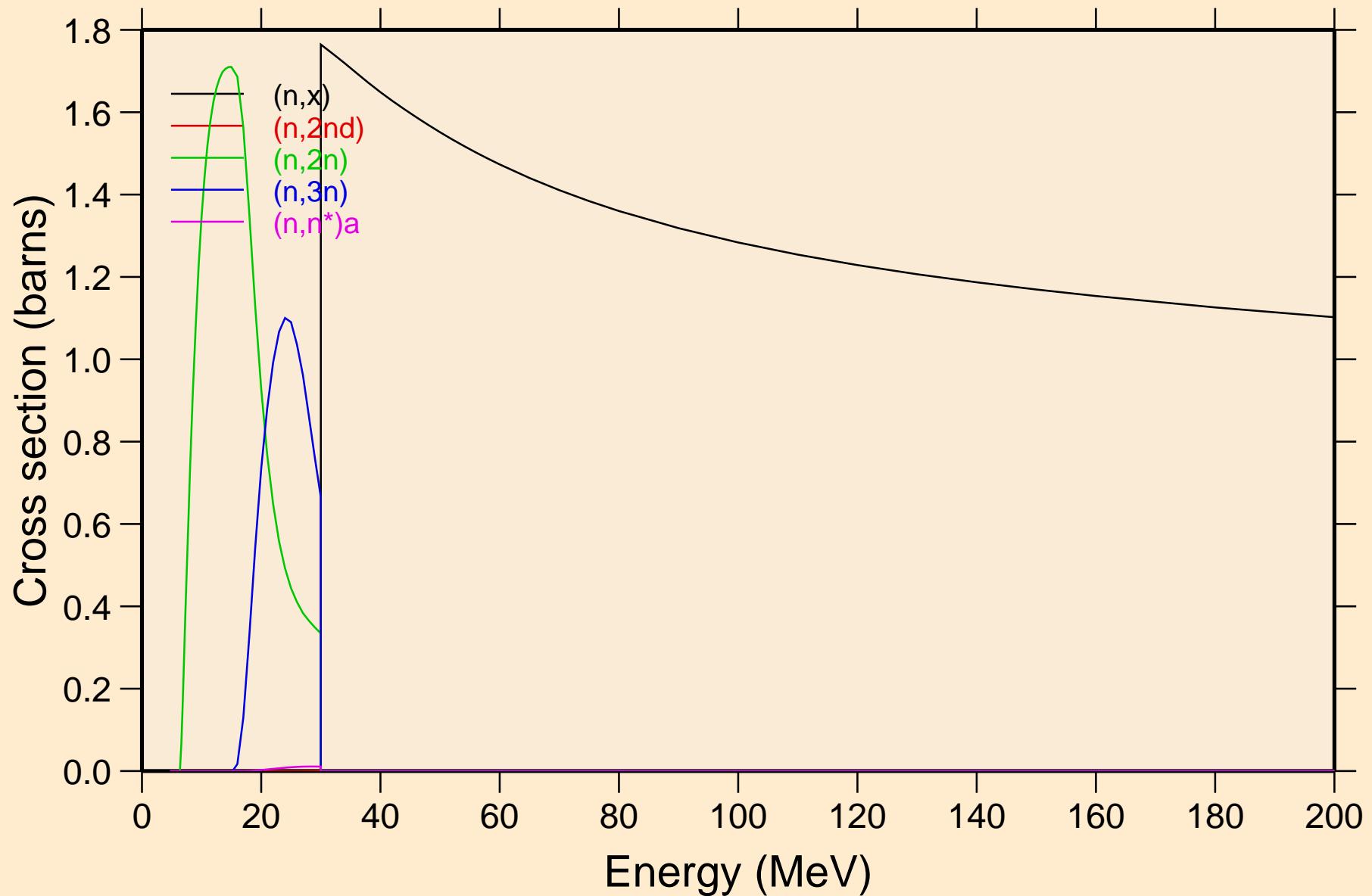
# IN118M NRG TENDL-2015, AKONING

## Inelastic levels



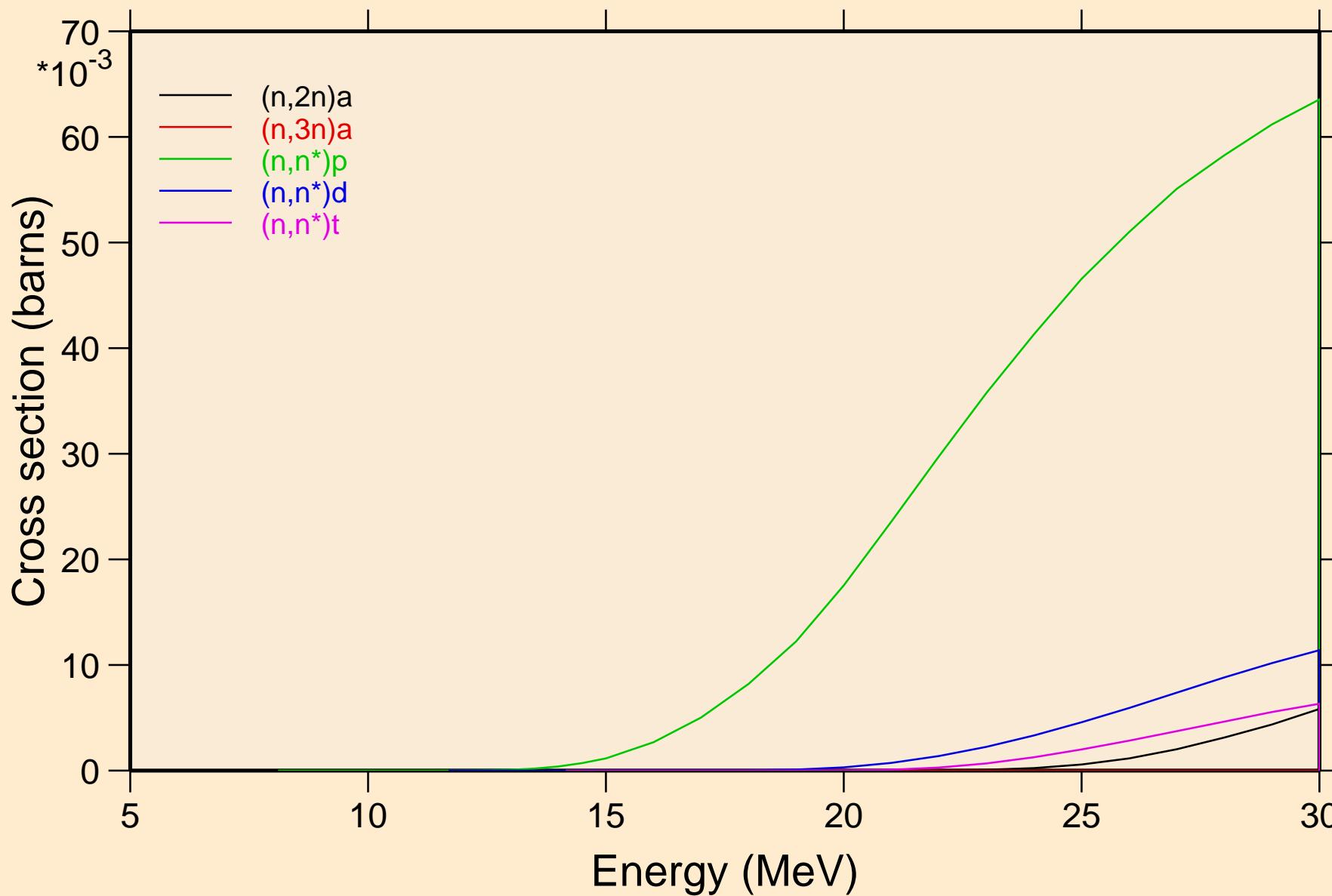
# IN118M NRG TENDL-2015, AKONING

## Threshold reactions



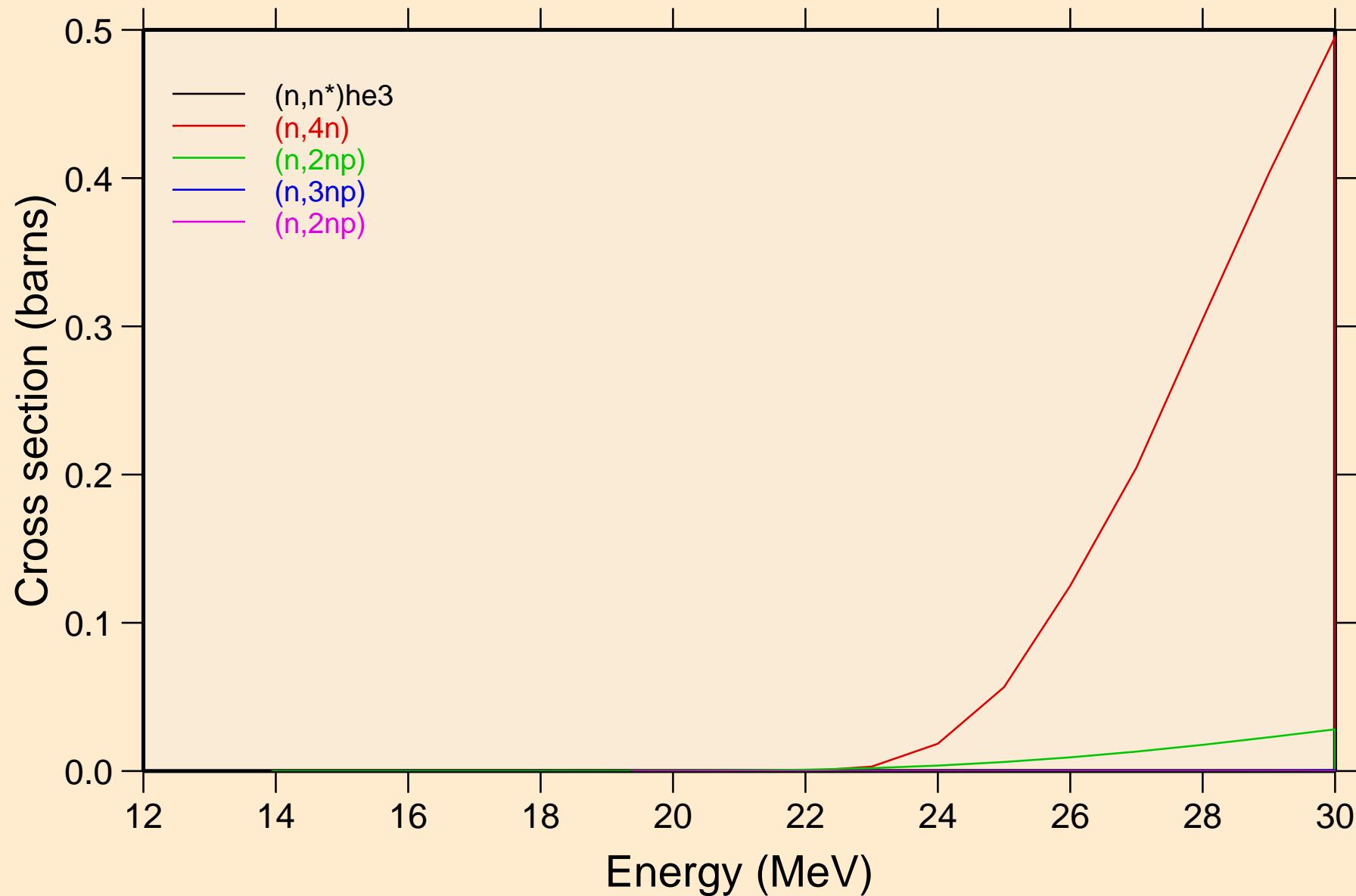
# IN118M NRG TENDL-2015, AKONING

## Threshold reactions



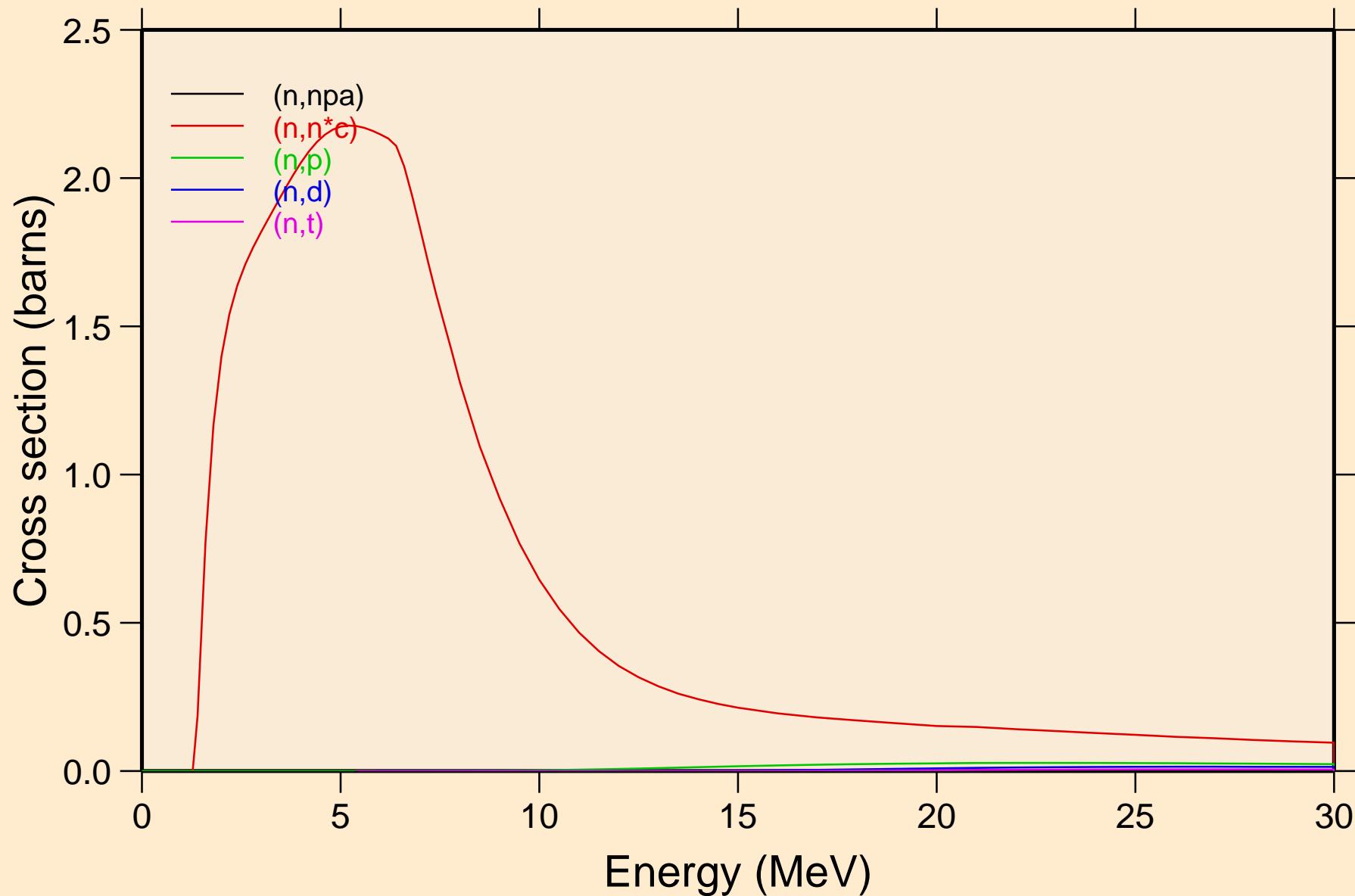
# IN118M NRG TENDL-2015, AKONING

## Threshold reactions



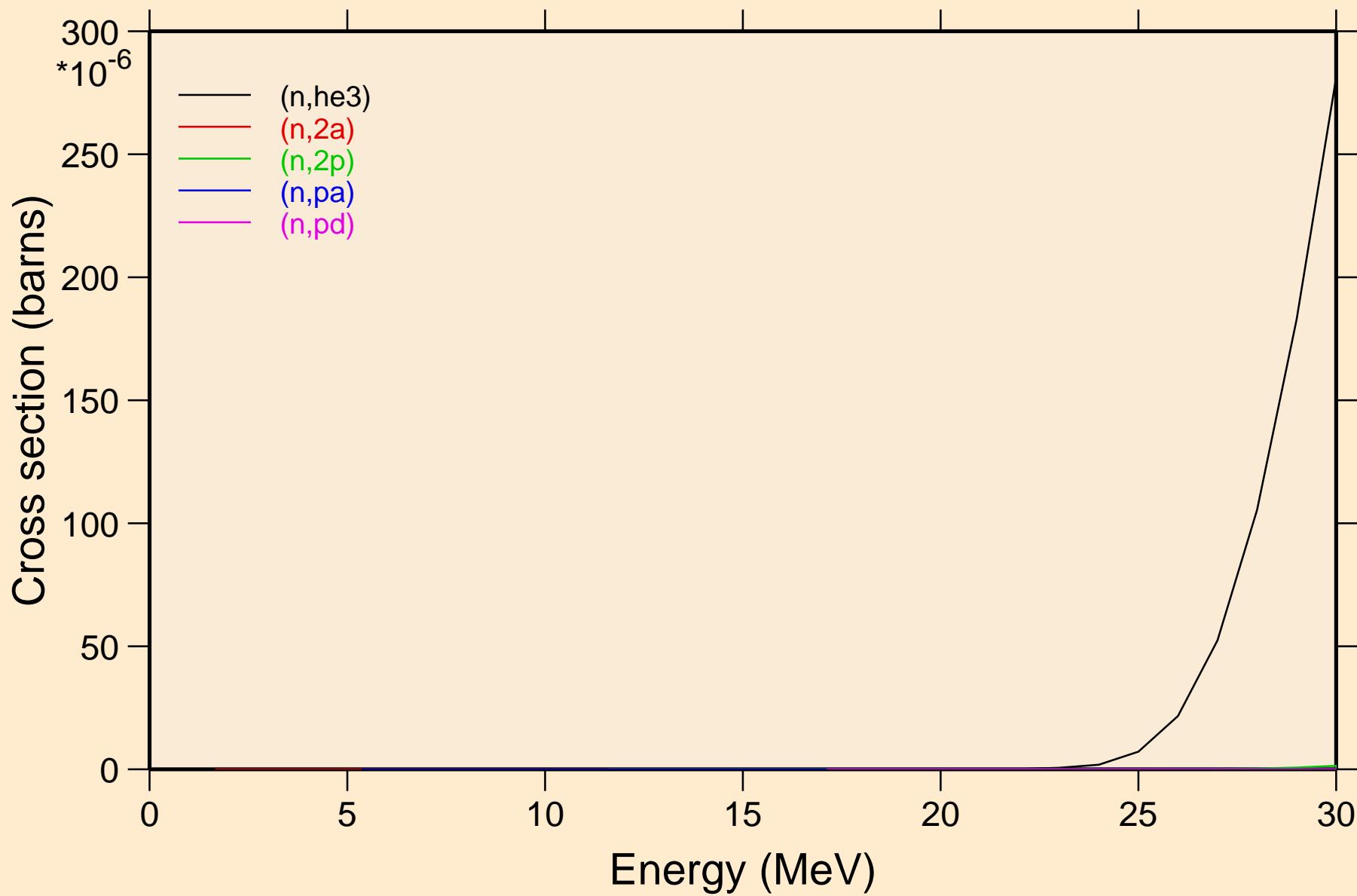
# IN118M NRG TENDL-2015, AKONING

## Threshold reactions

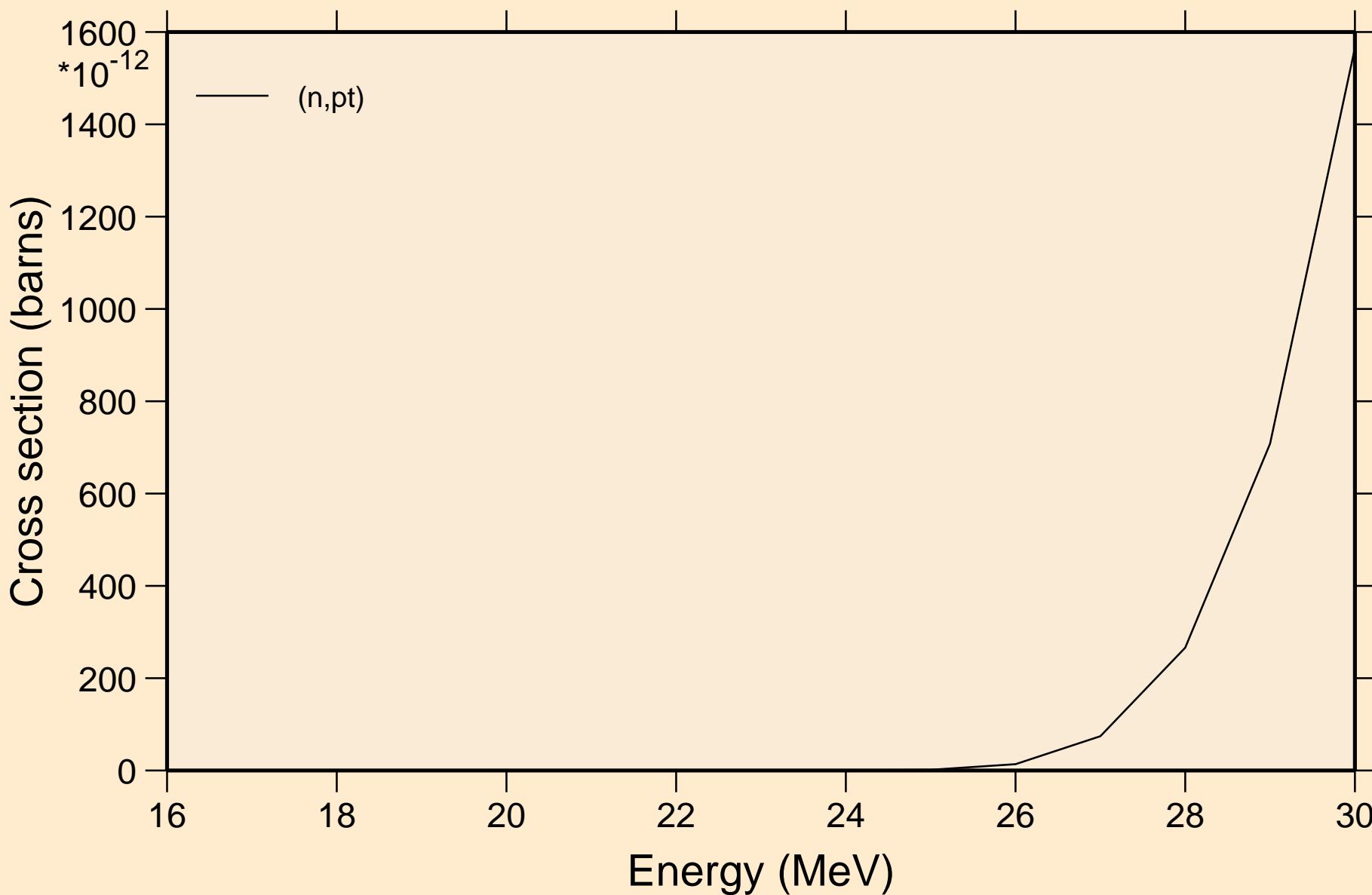


# IN118M NRG TENDL-2015, AKONING

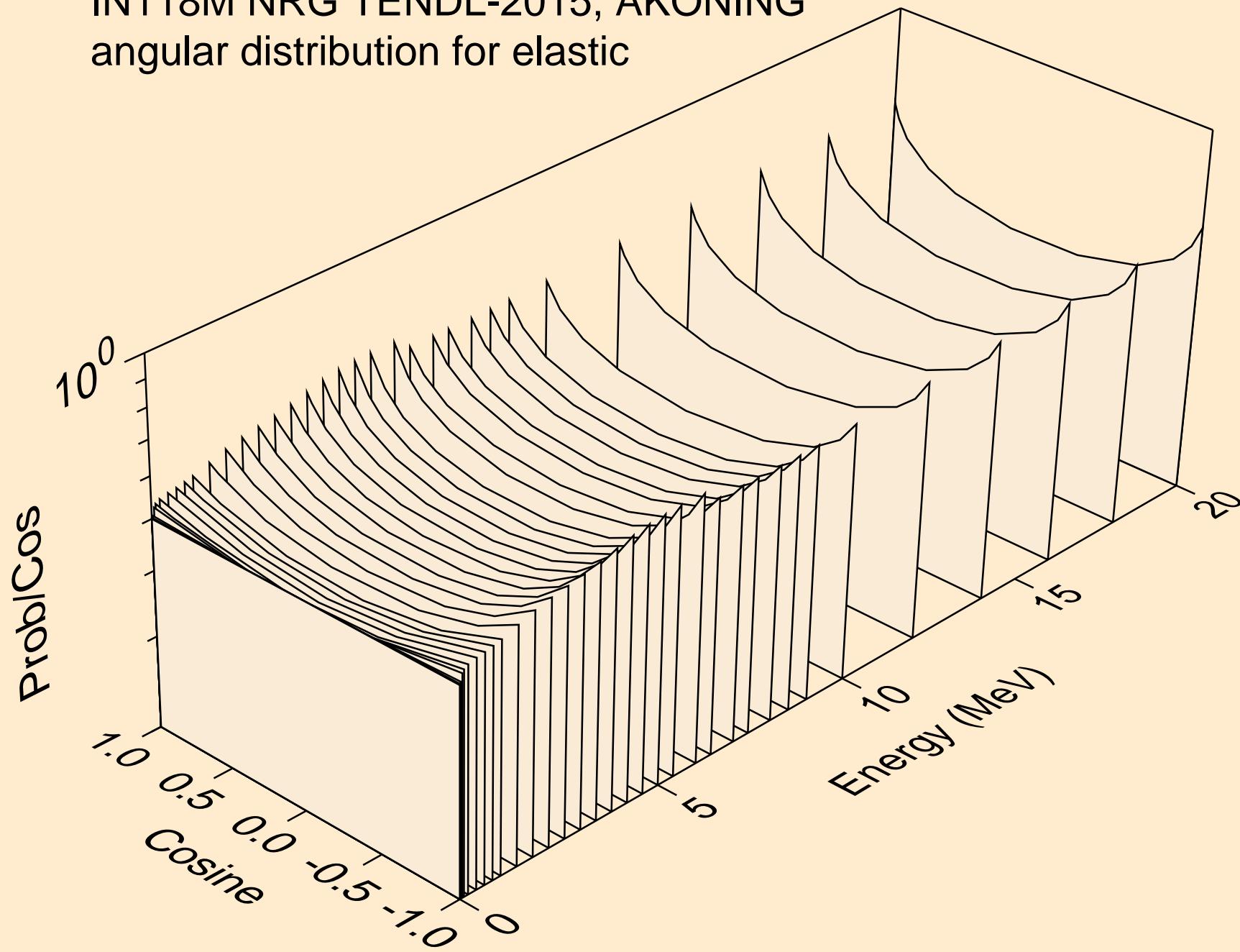
## Threshold reactions



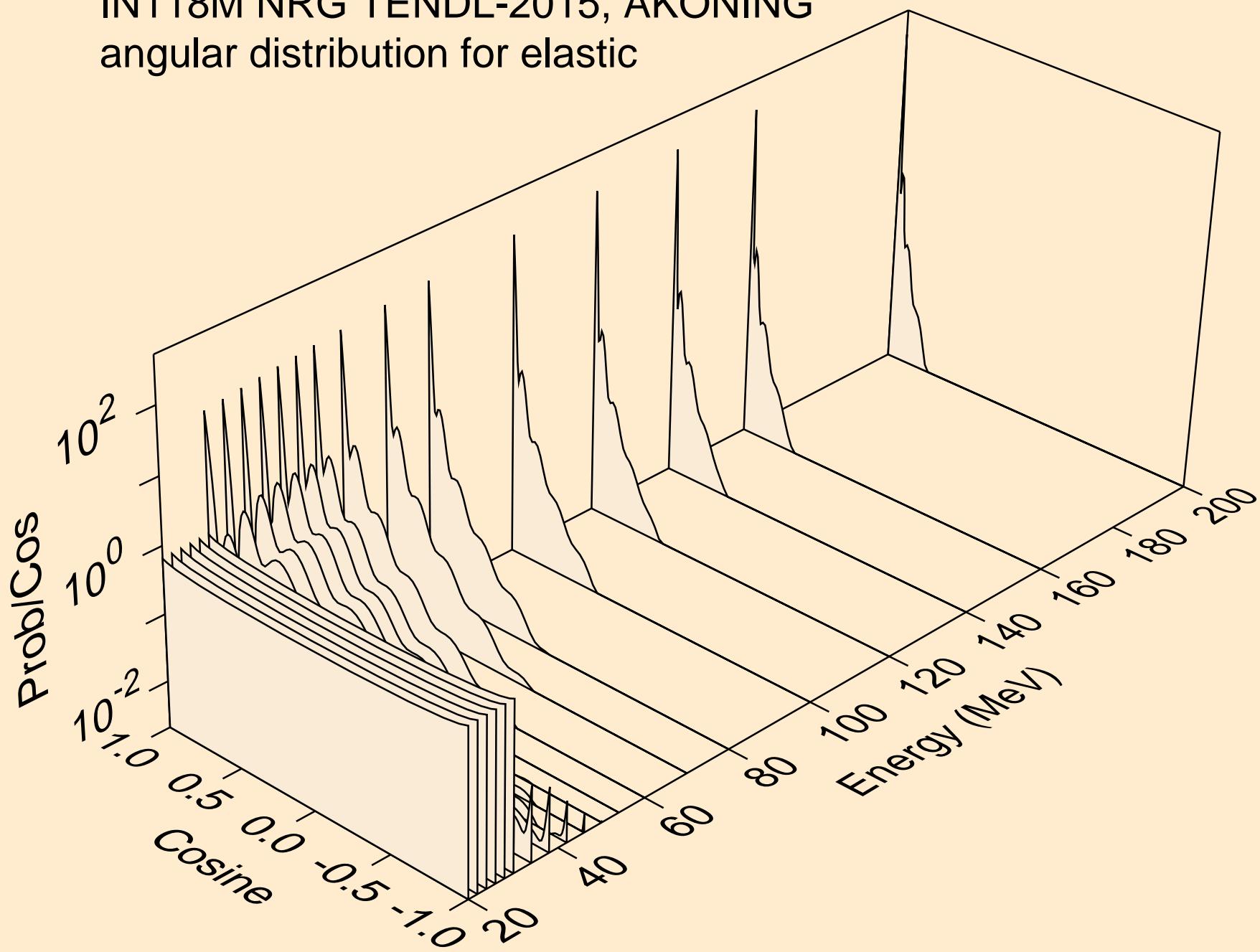
IN118M NRG TENDL-2015, AKONING  
Threshold reactions



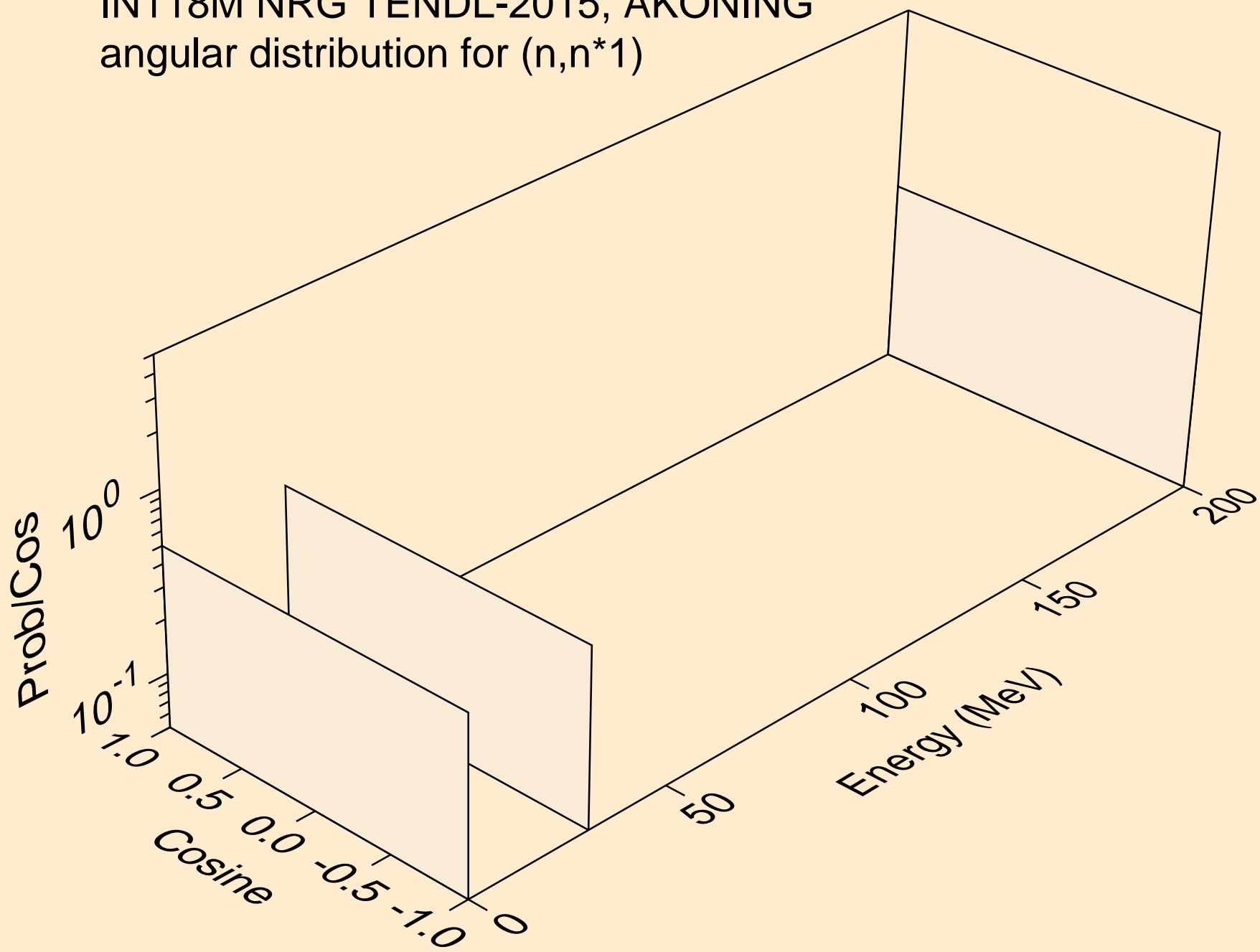
IN118M NRG TENDL-2015, AKONING  
angular distribution for elastic



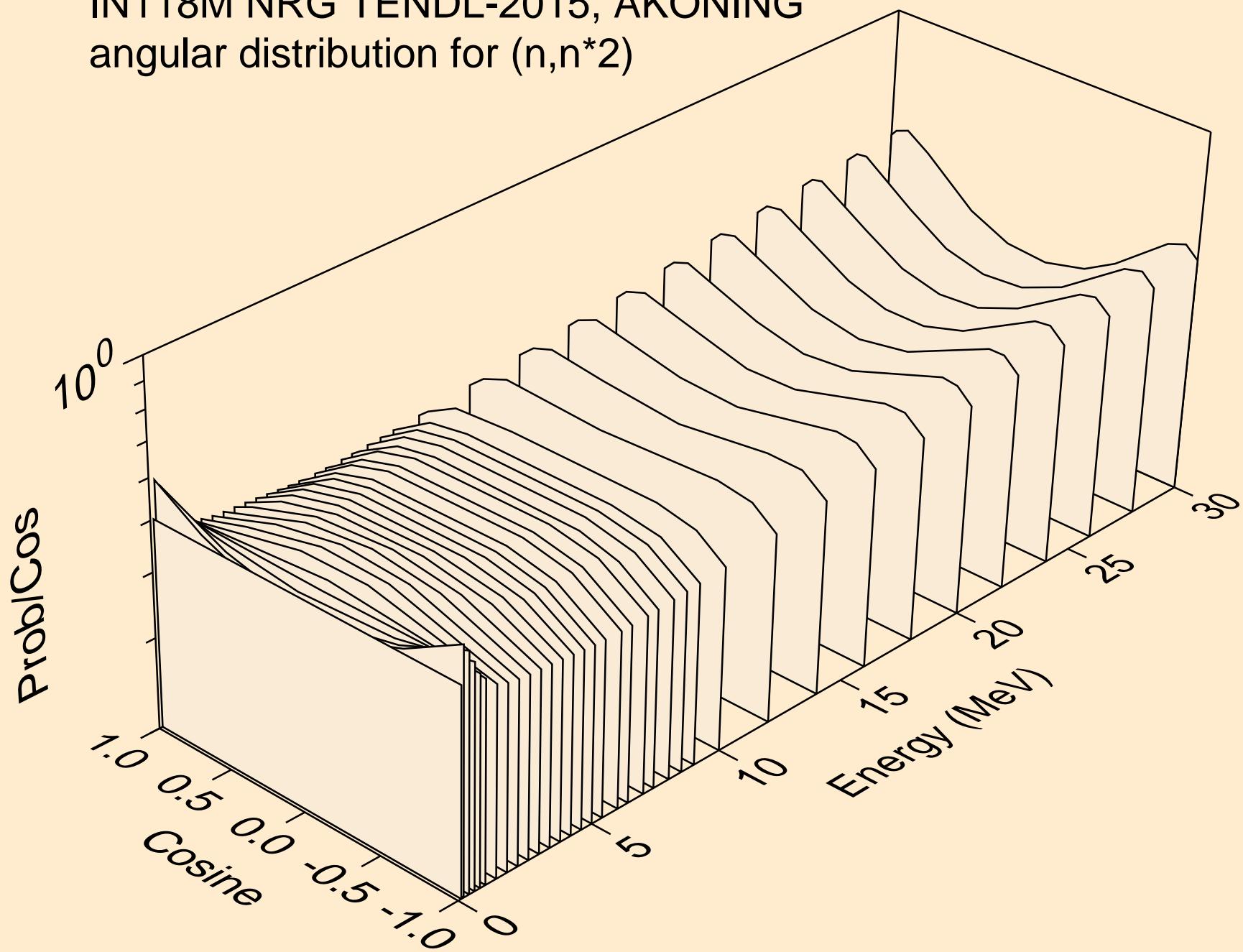
IN118M NRG TENDL-2015, AKONING  
angular distribution for elastic



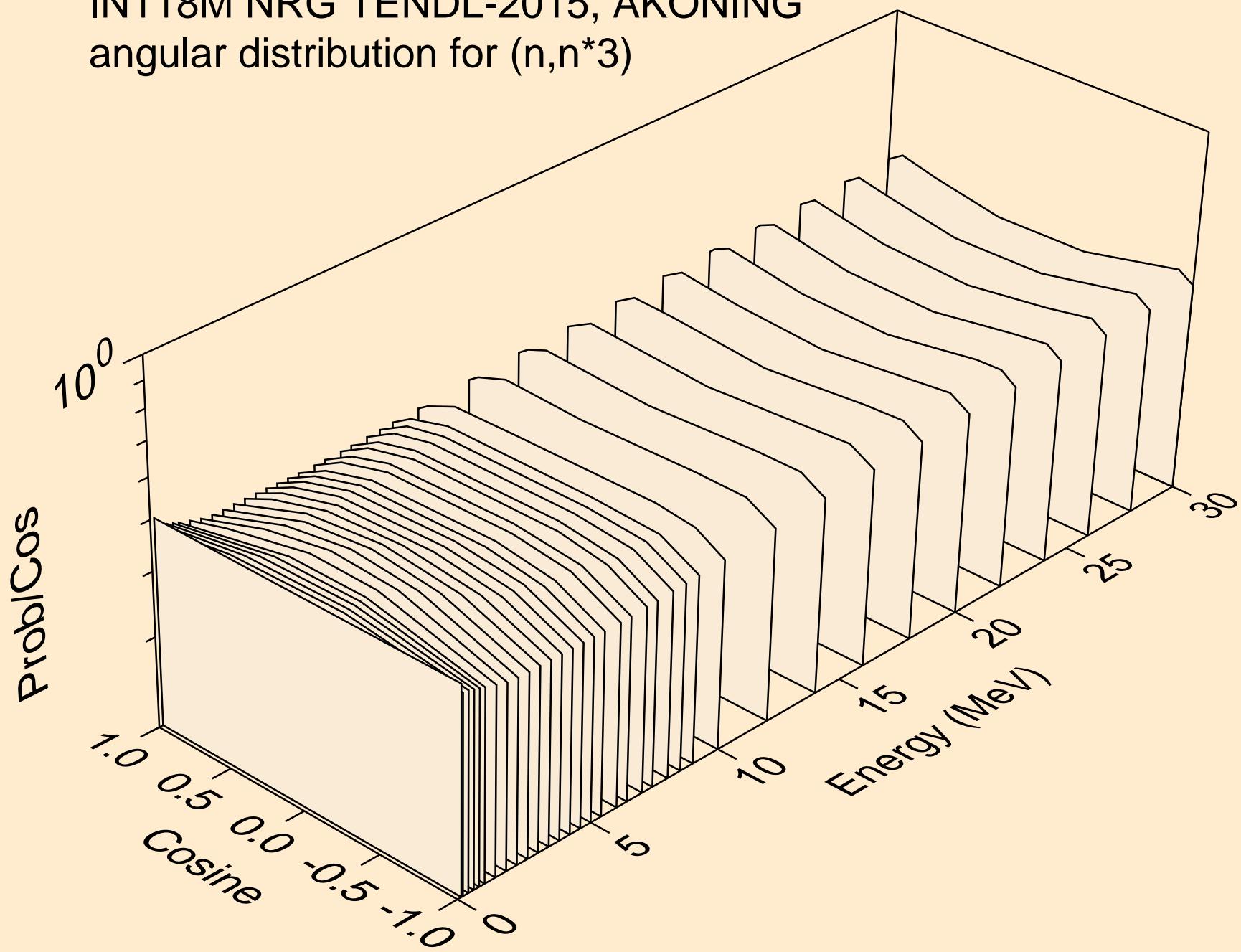
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



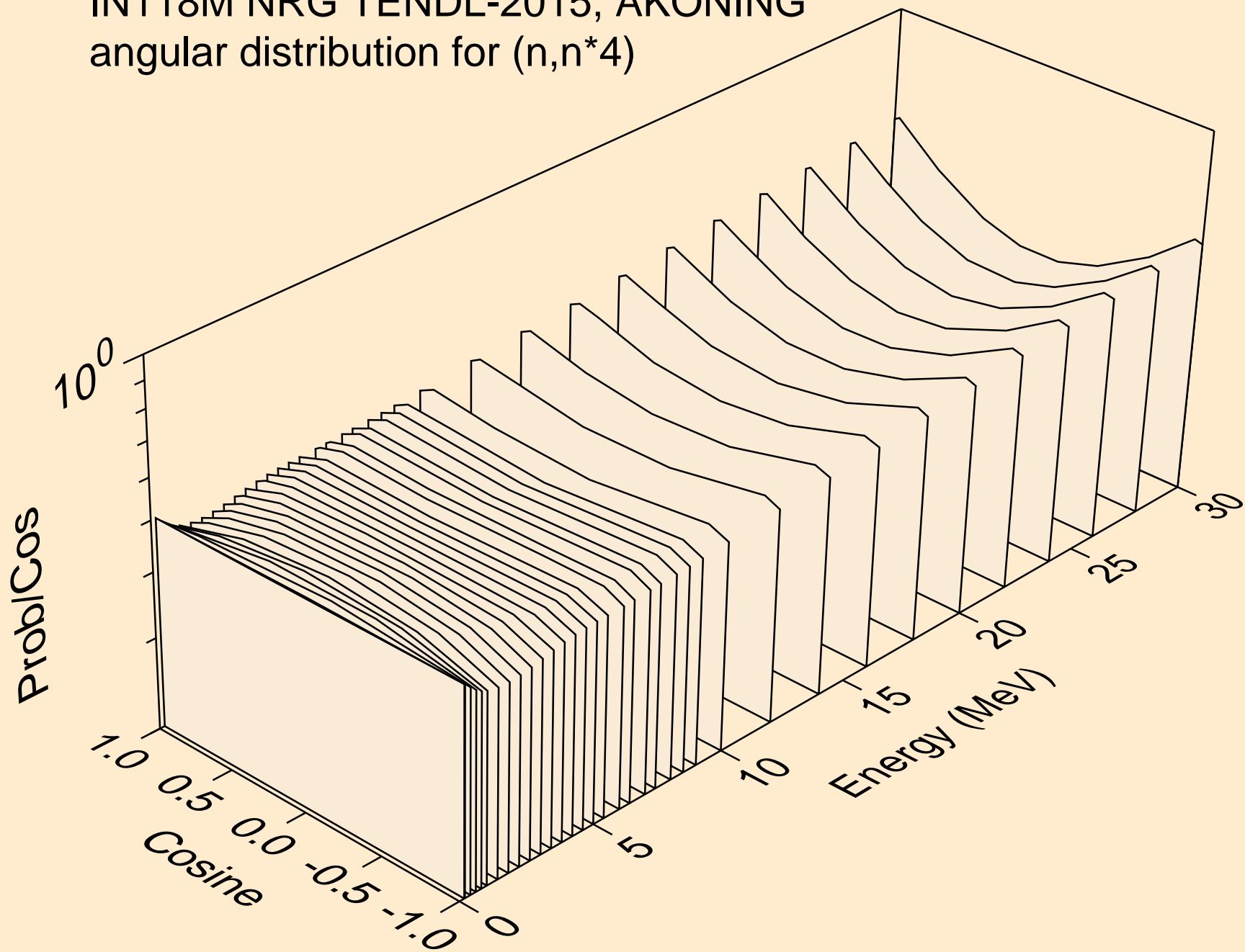
IN118M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^2$



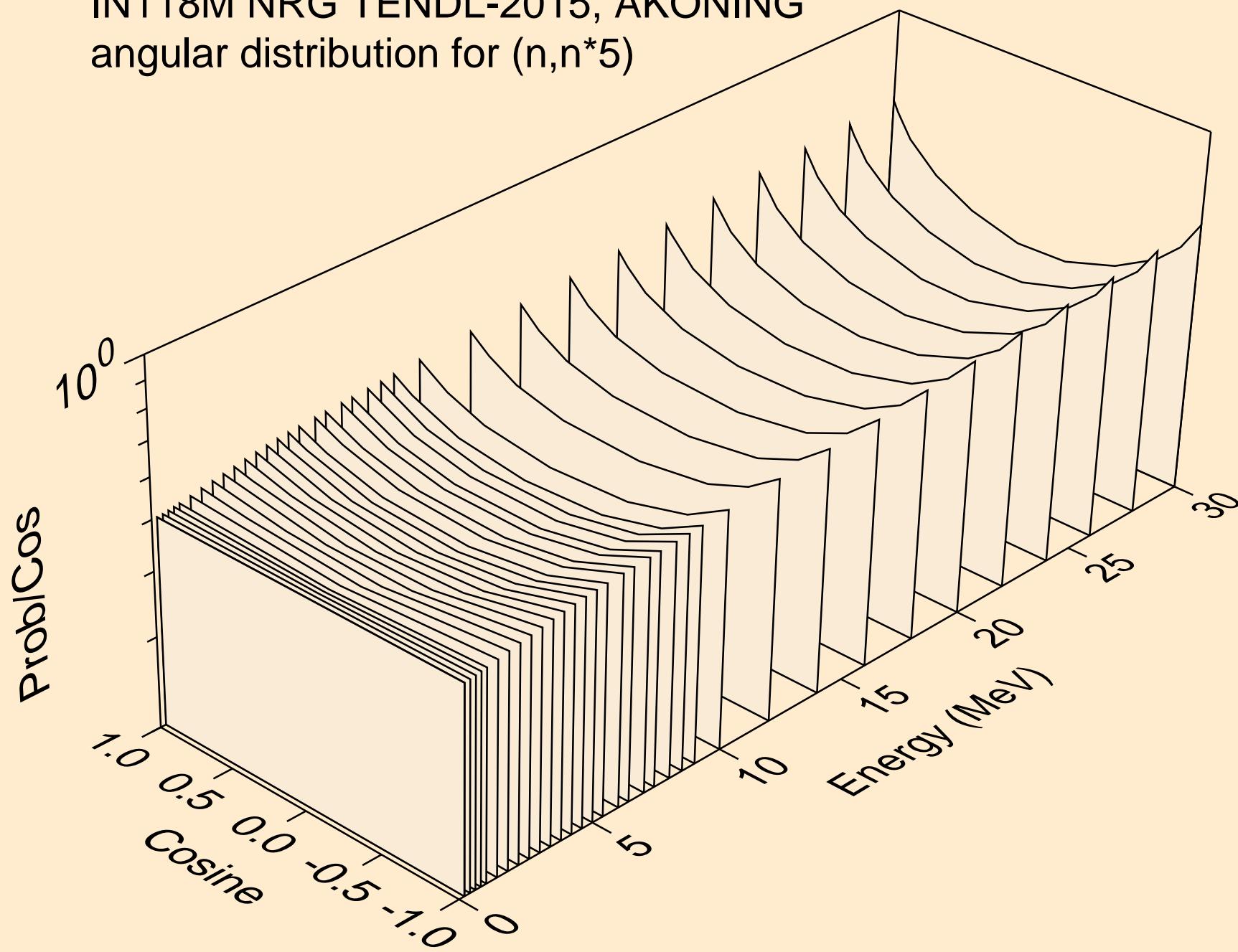
IN118M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



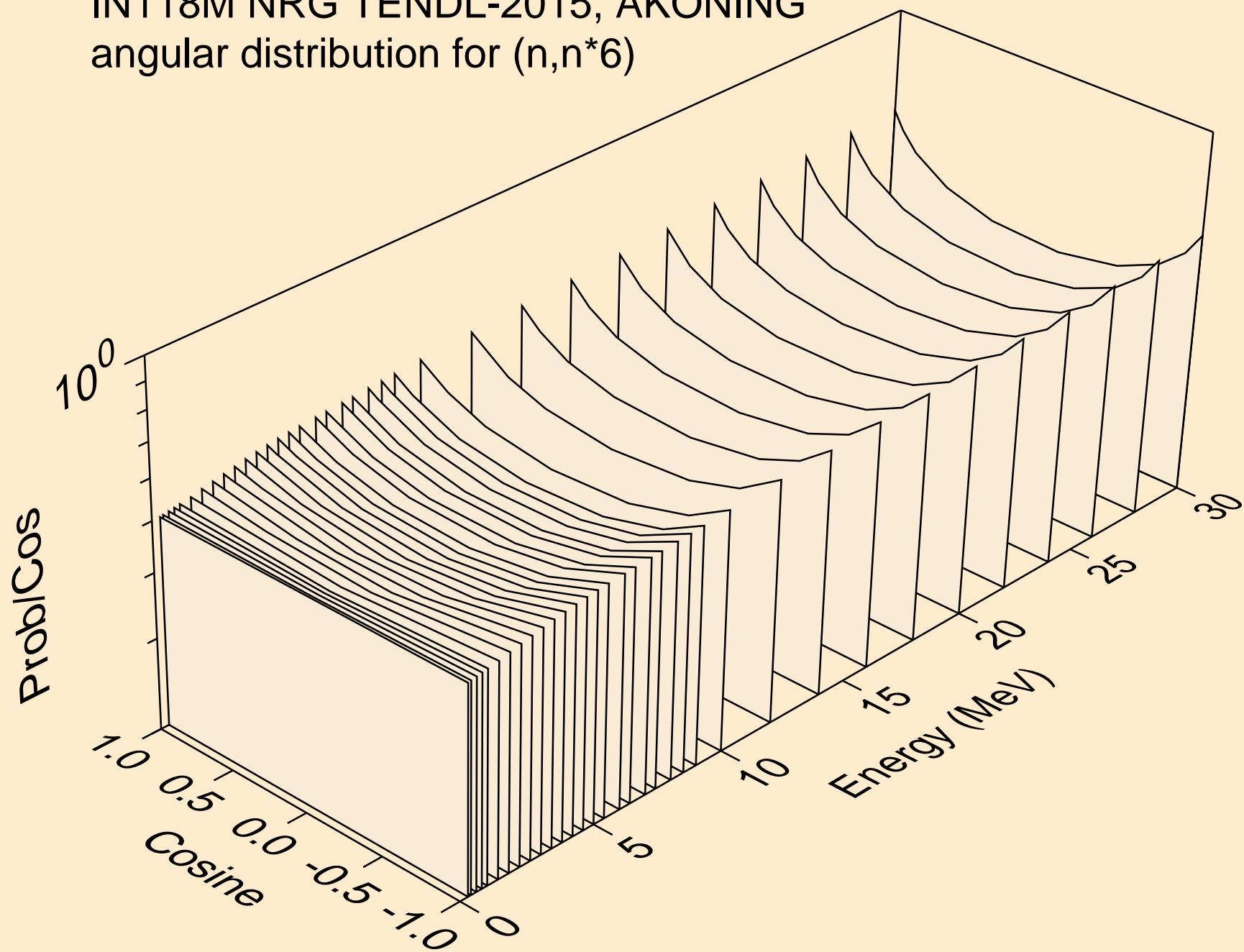
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angular distribution for  $(n,n^*4)$



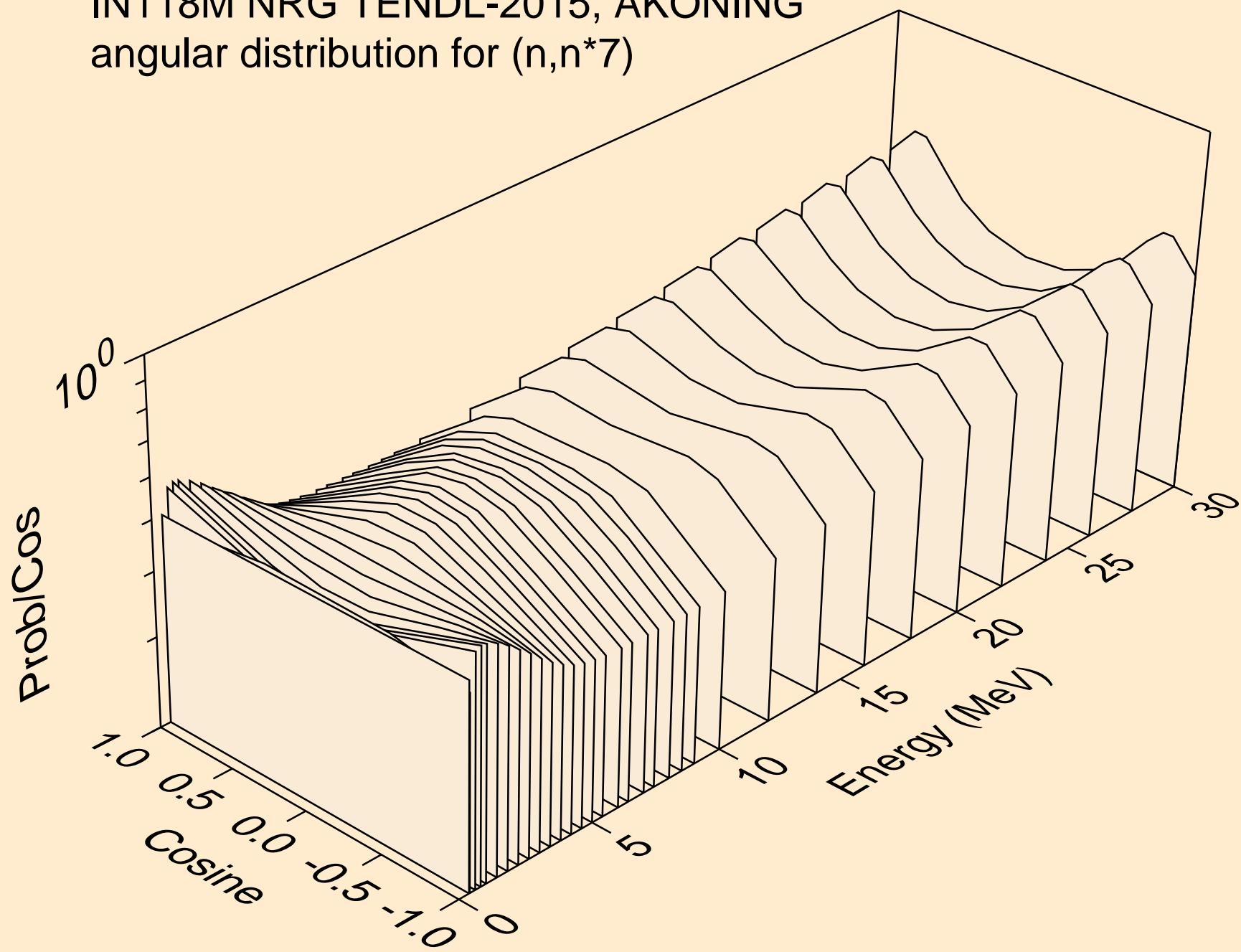
IN118M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



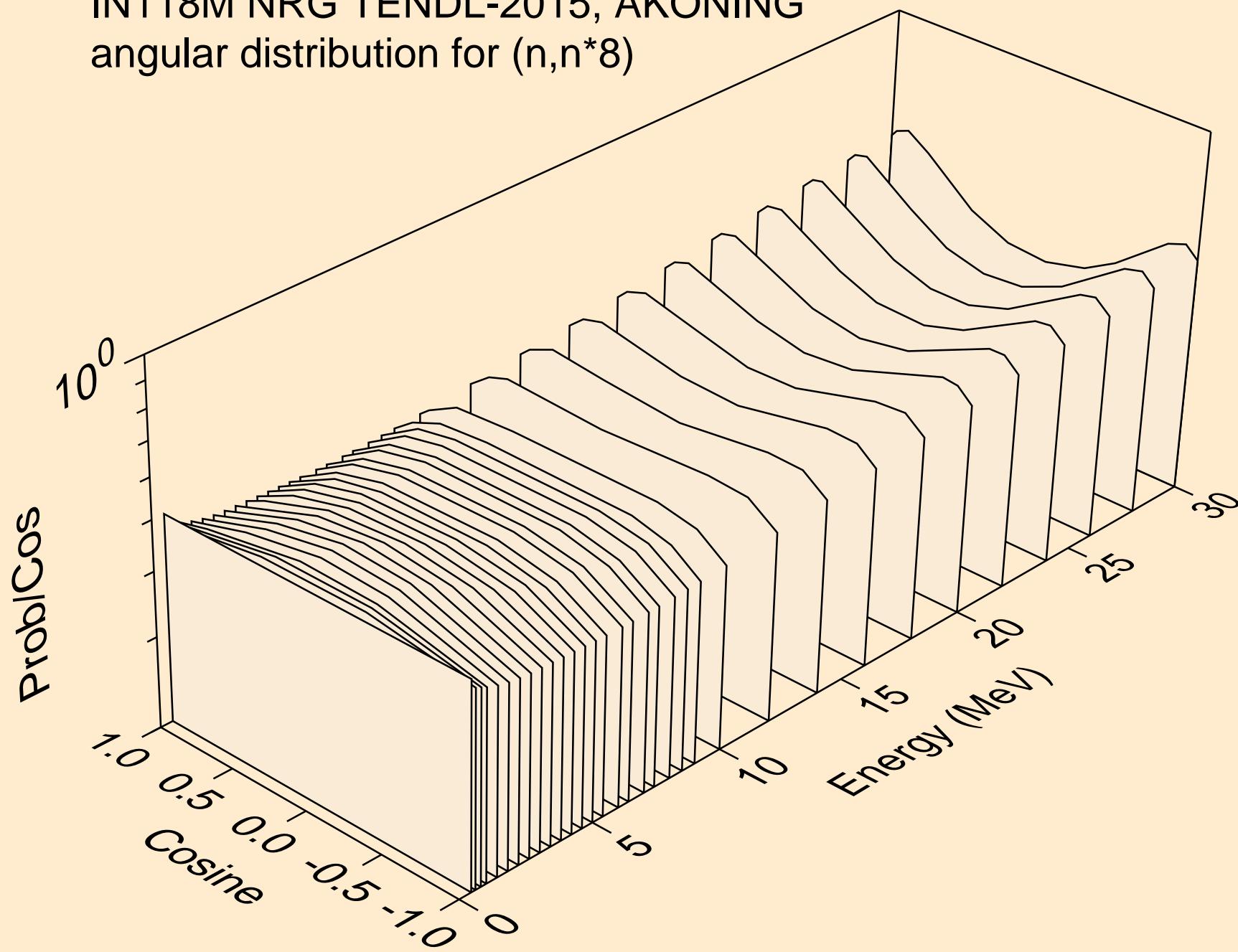
IN118M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



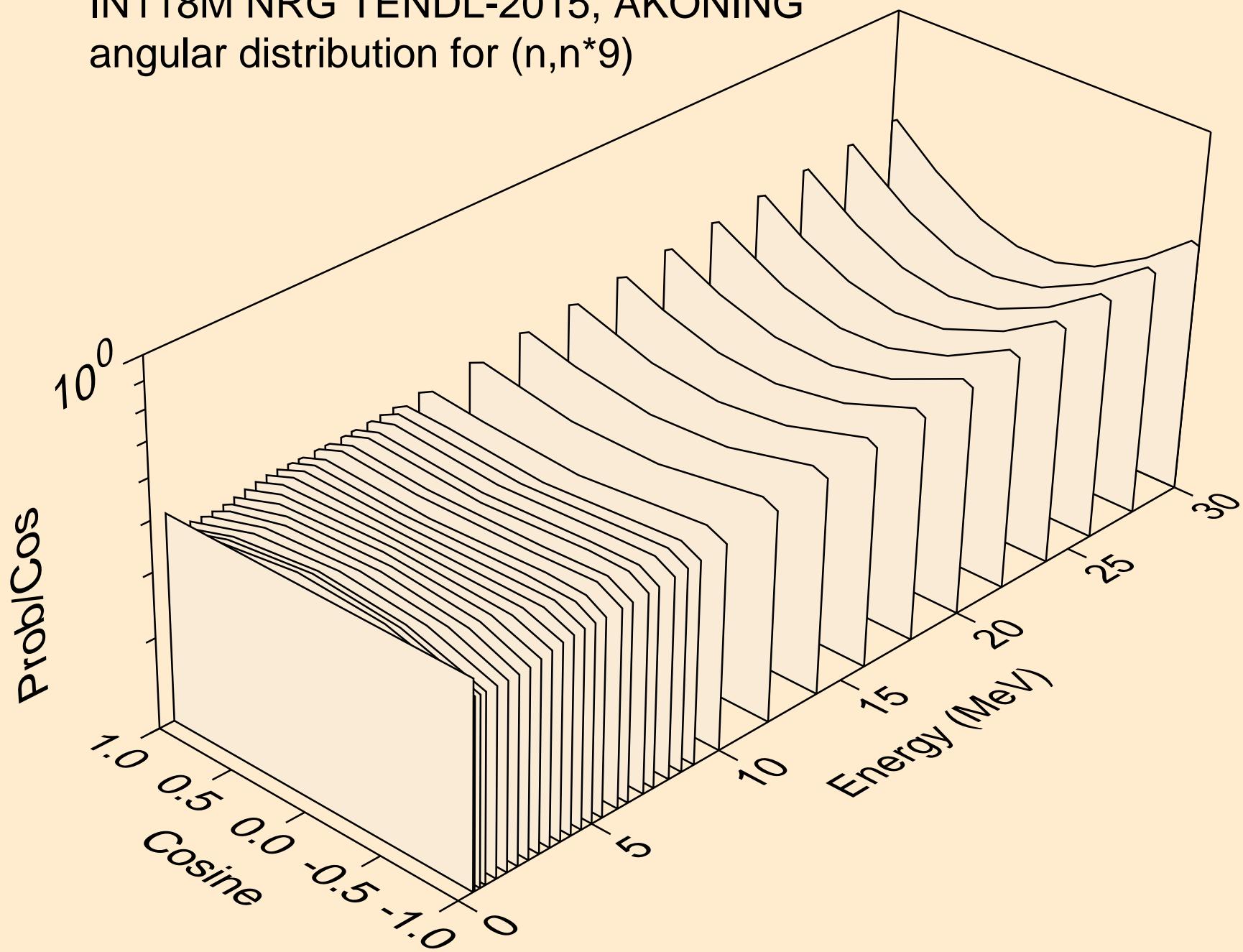
IN118M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



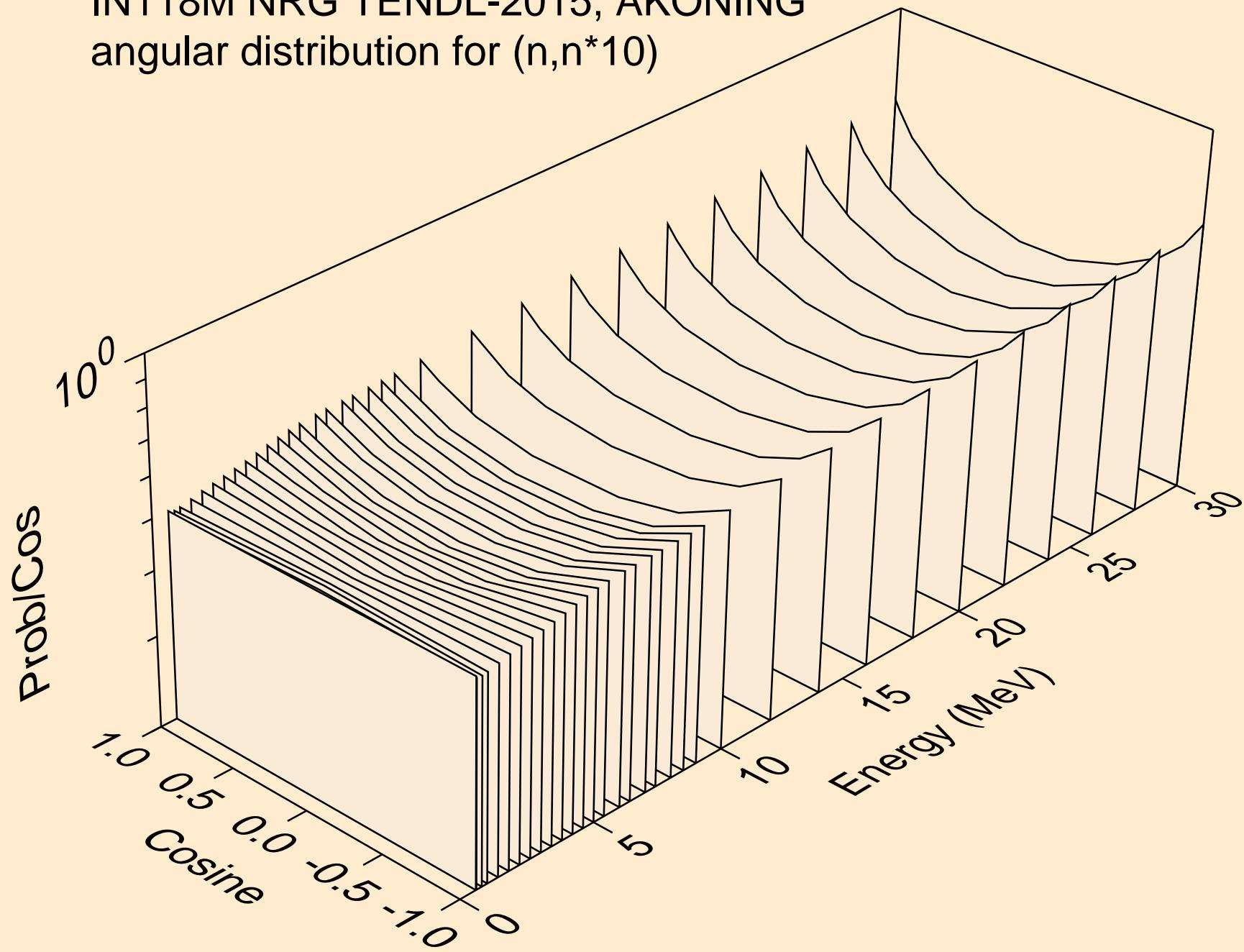
IN118M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



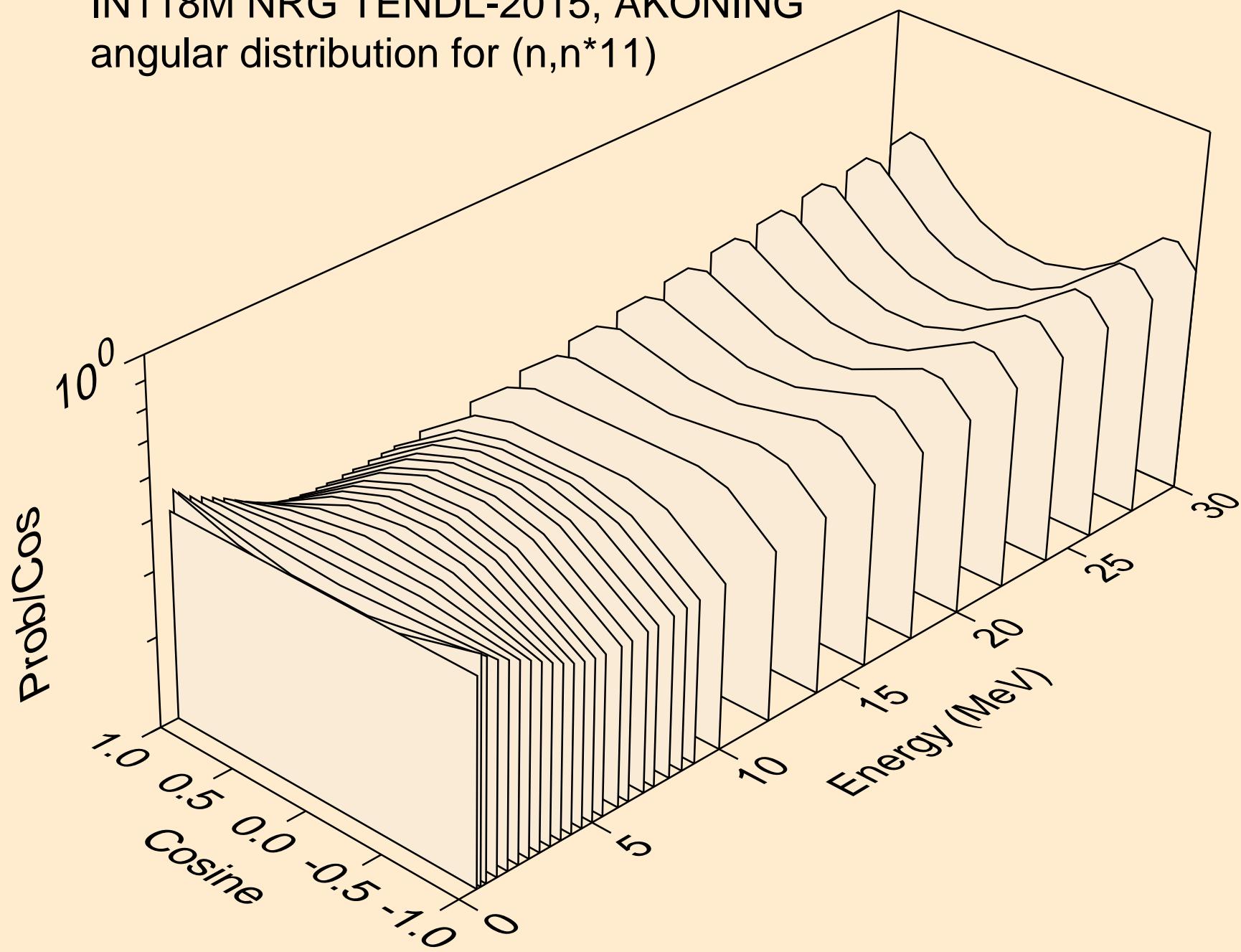
IN118M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)9$



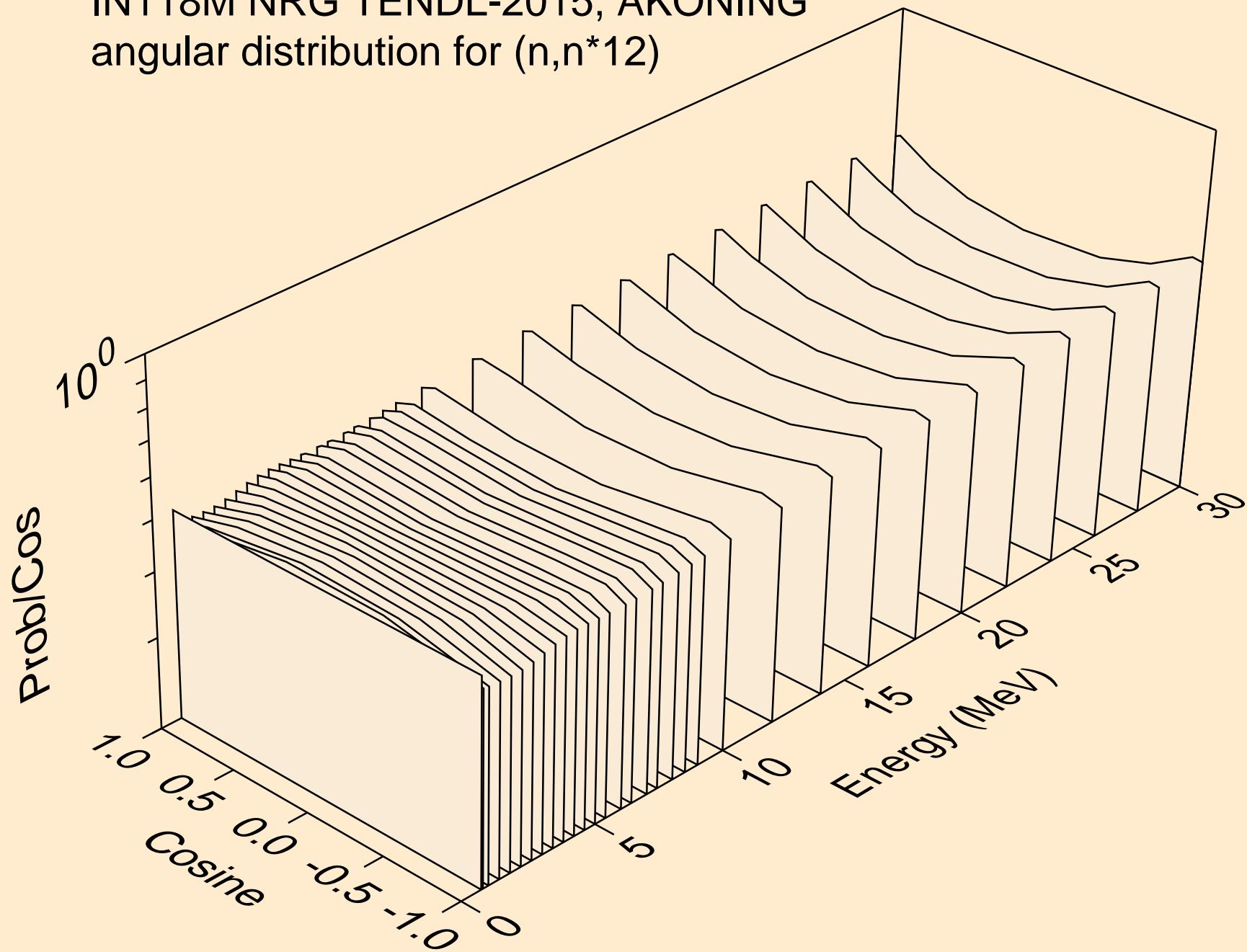
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



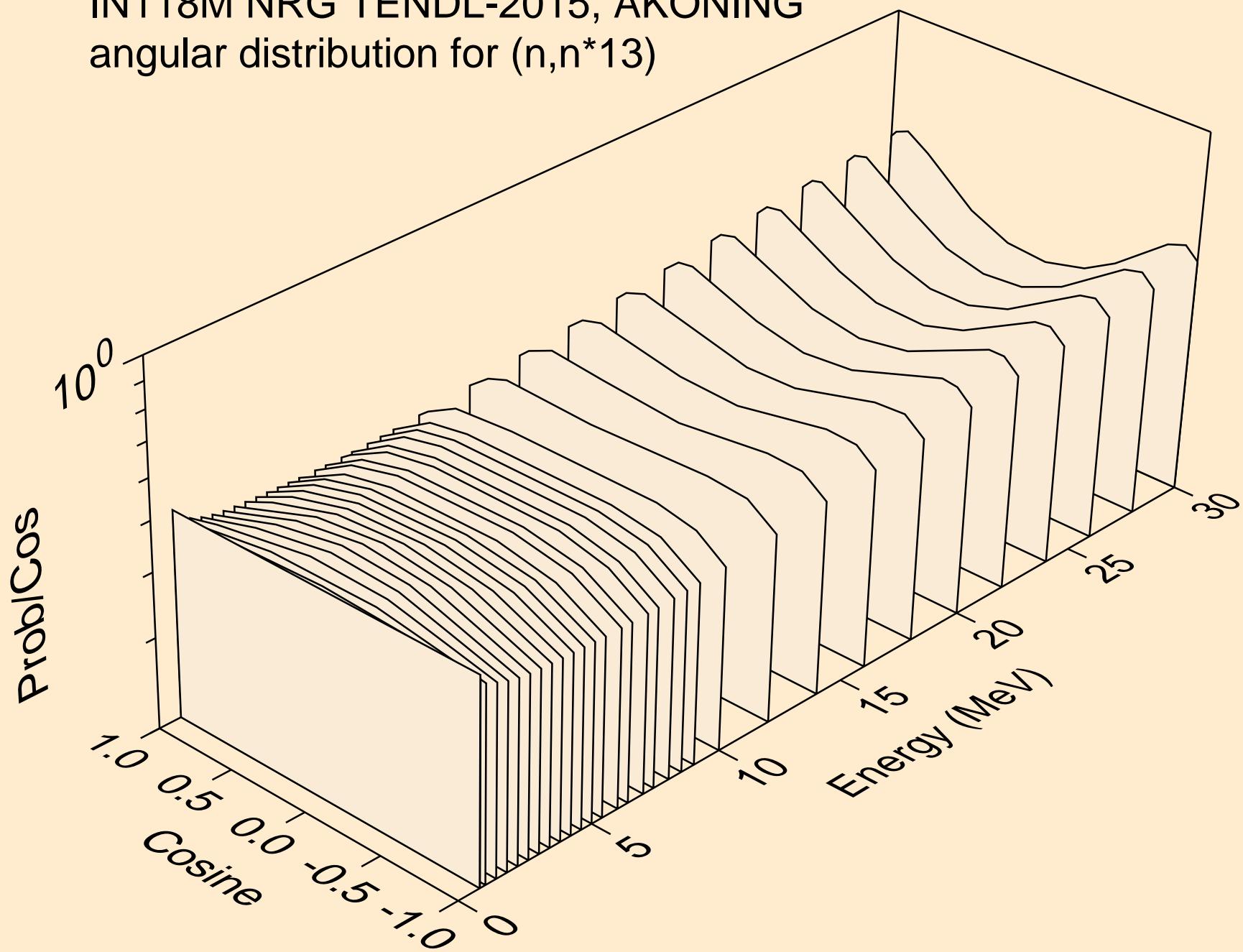
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



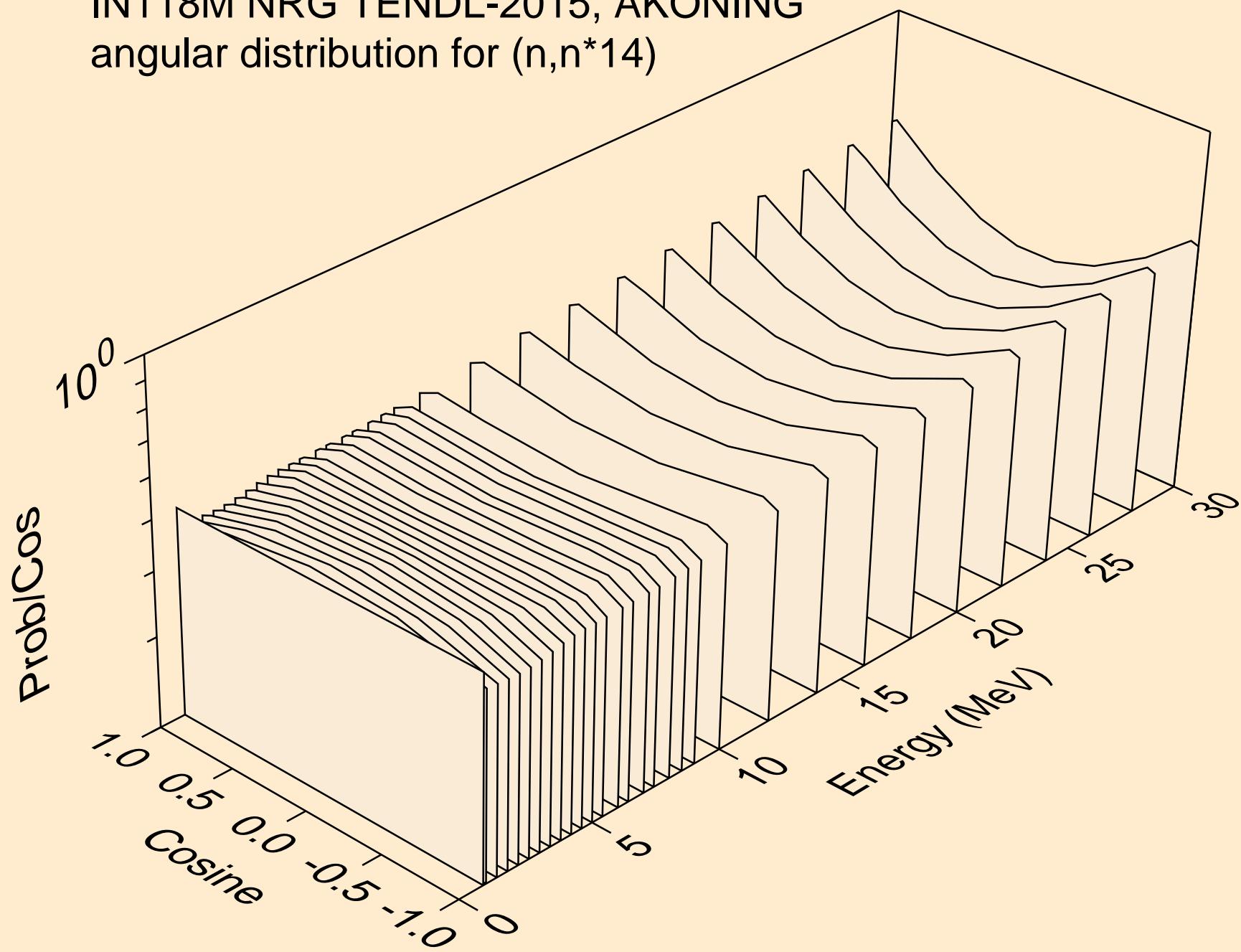
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angular distribution for (n,n\*12)



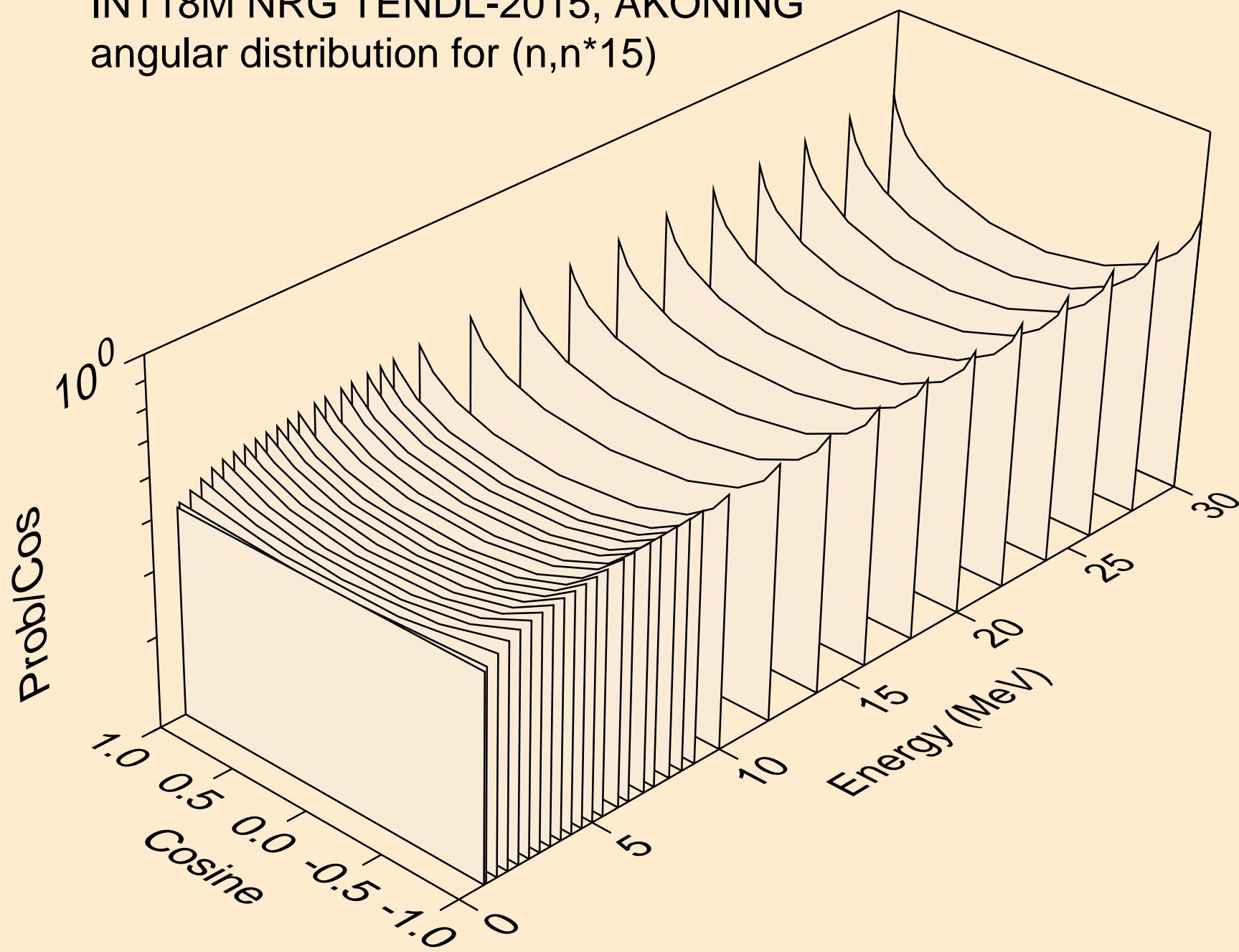
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



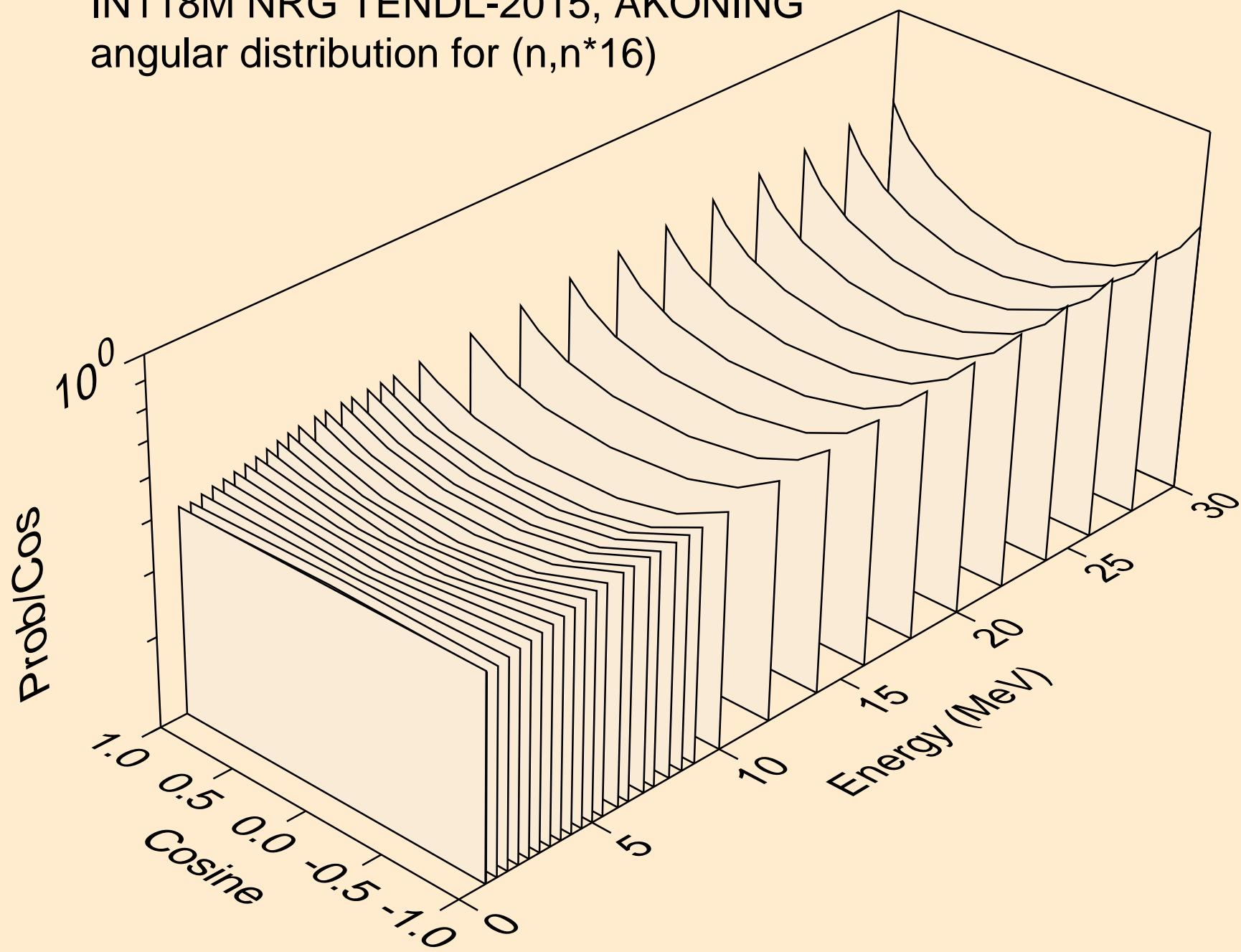
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



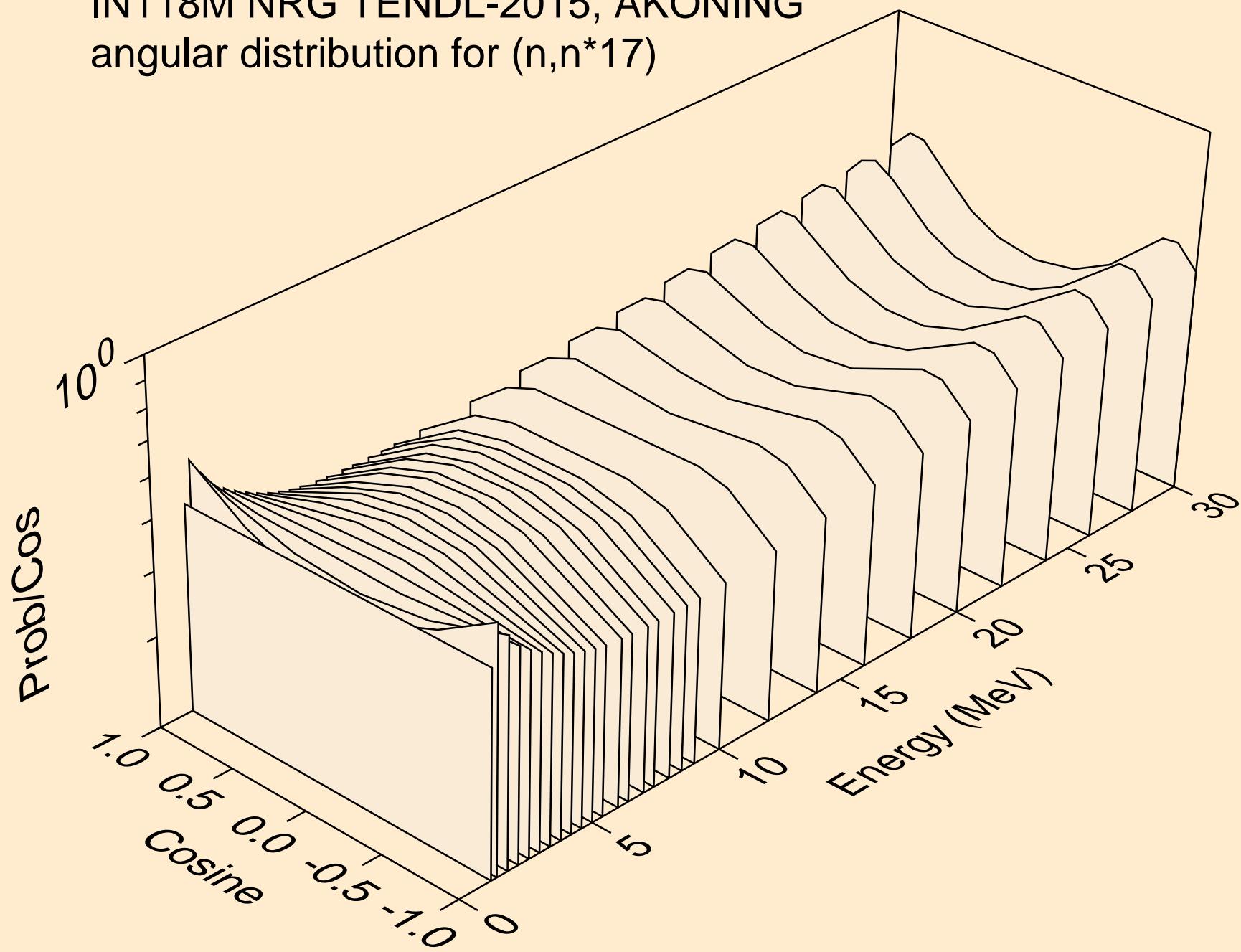
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



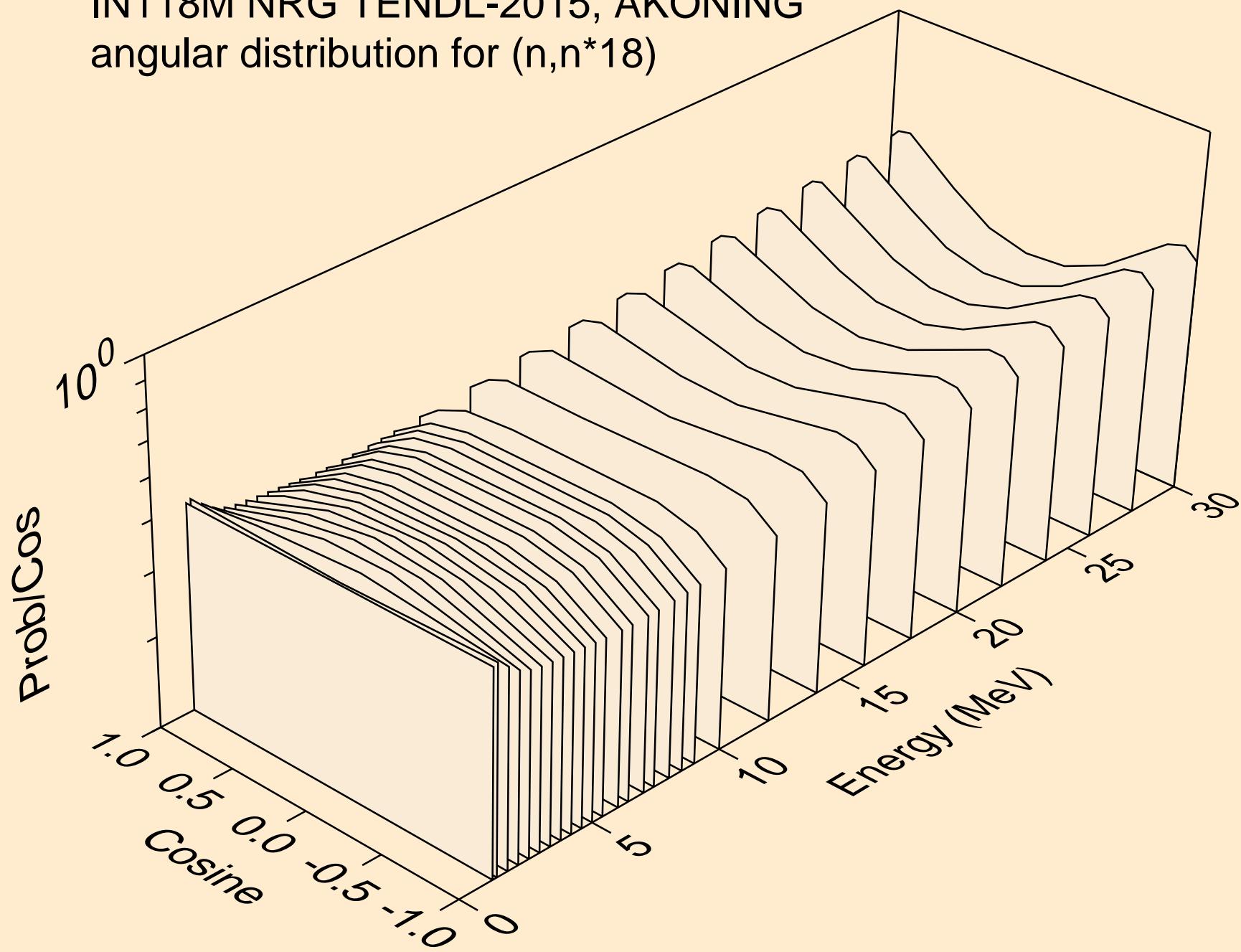
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



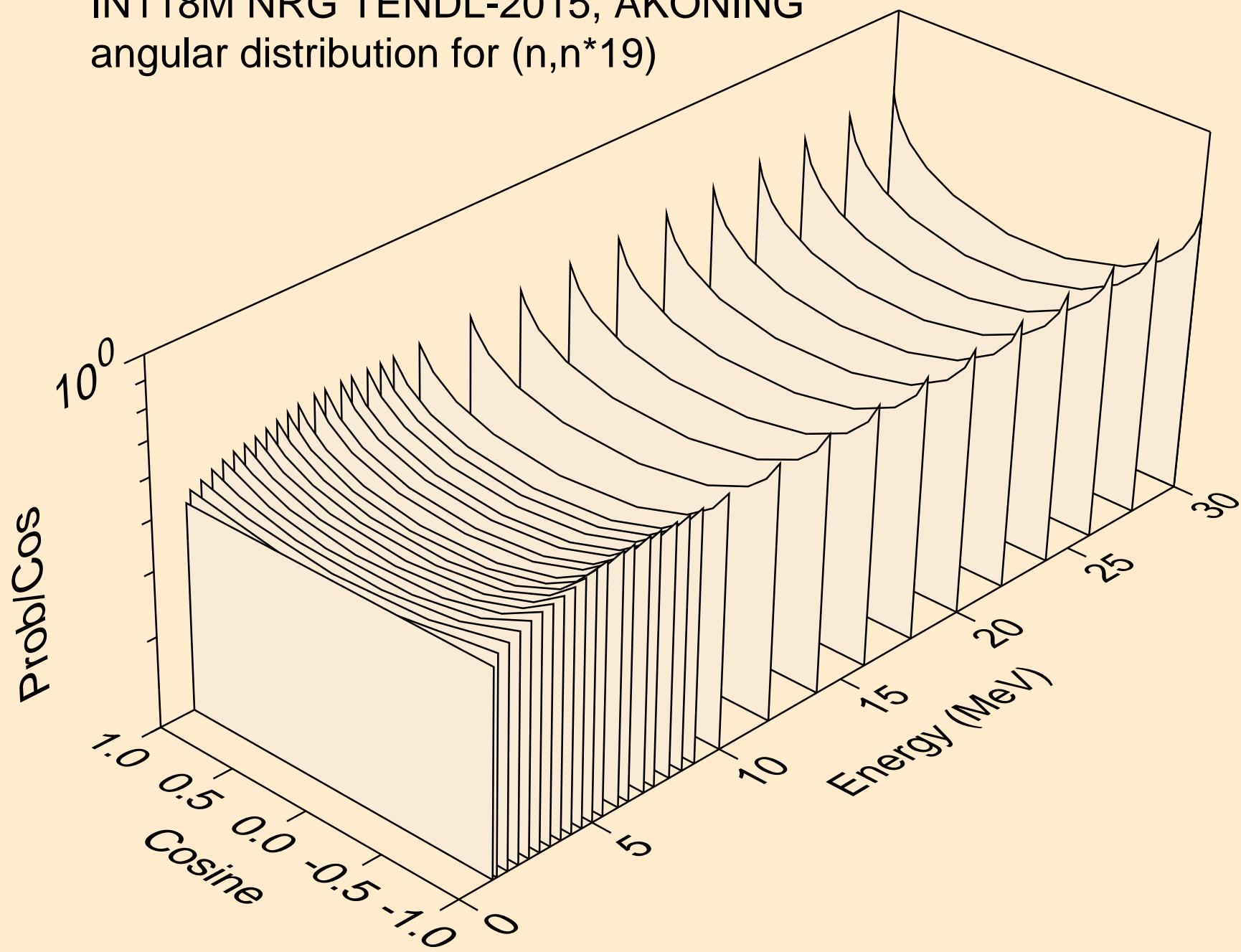
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



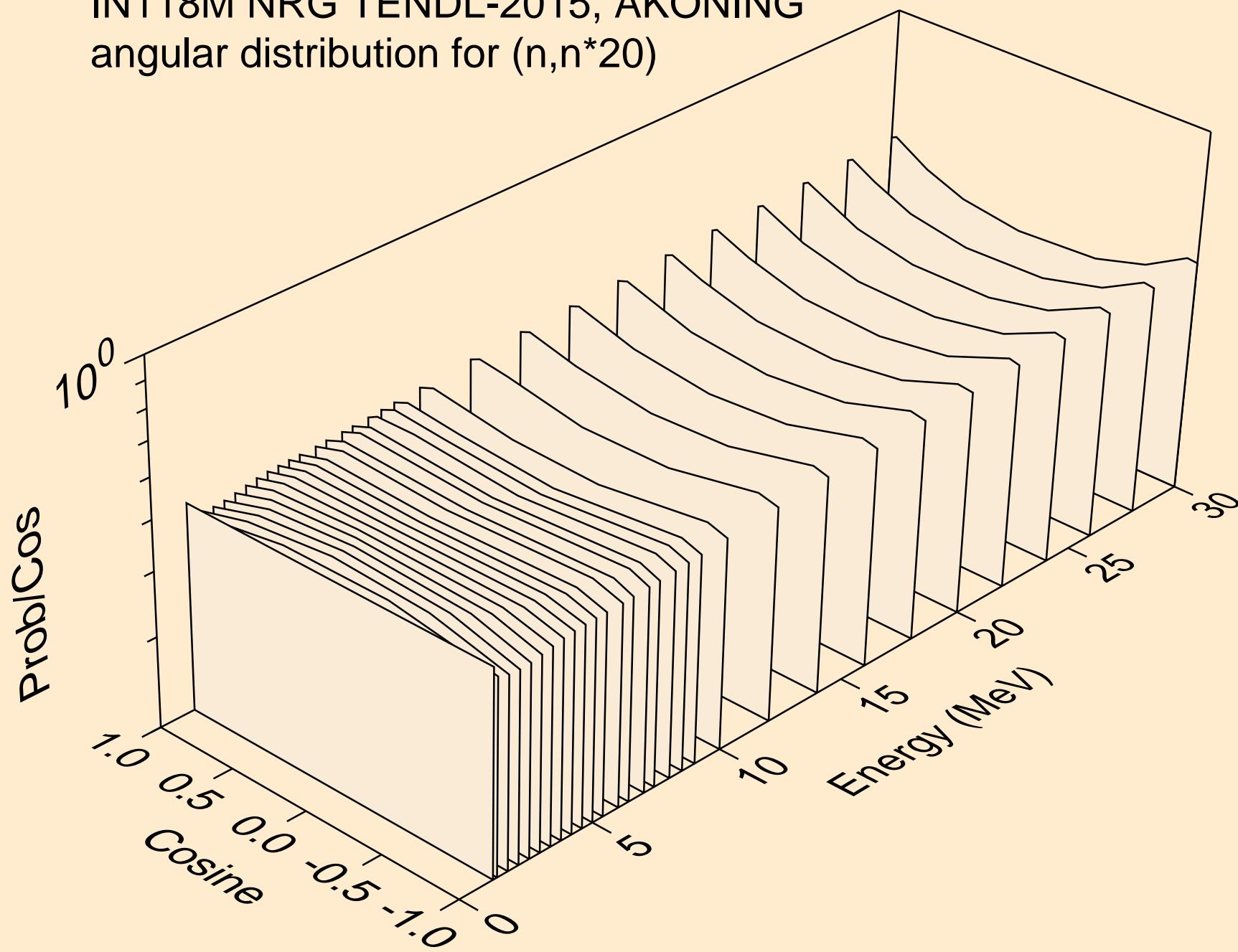
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



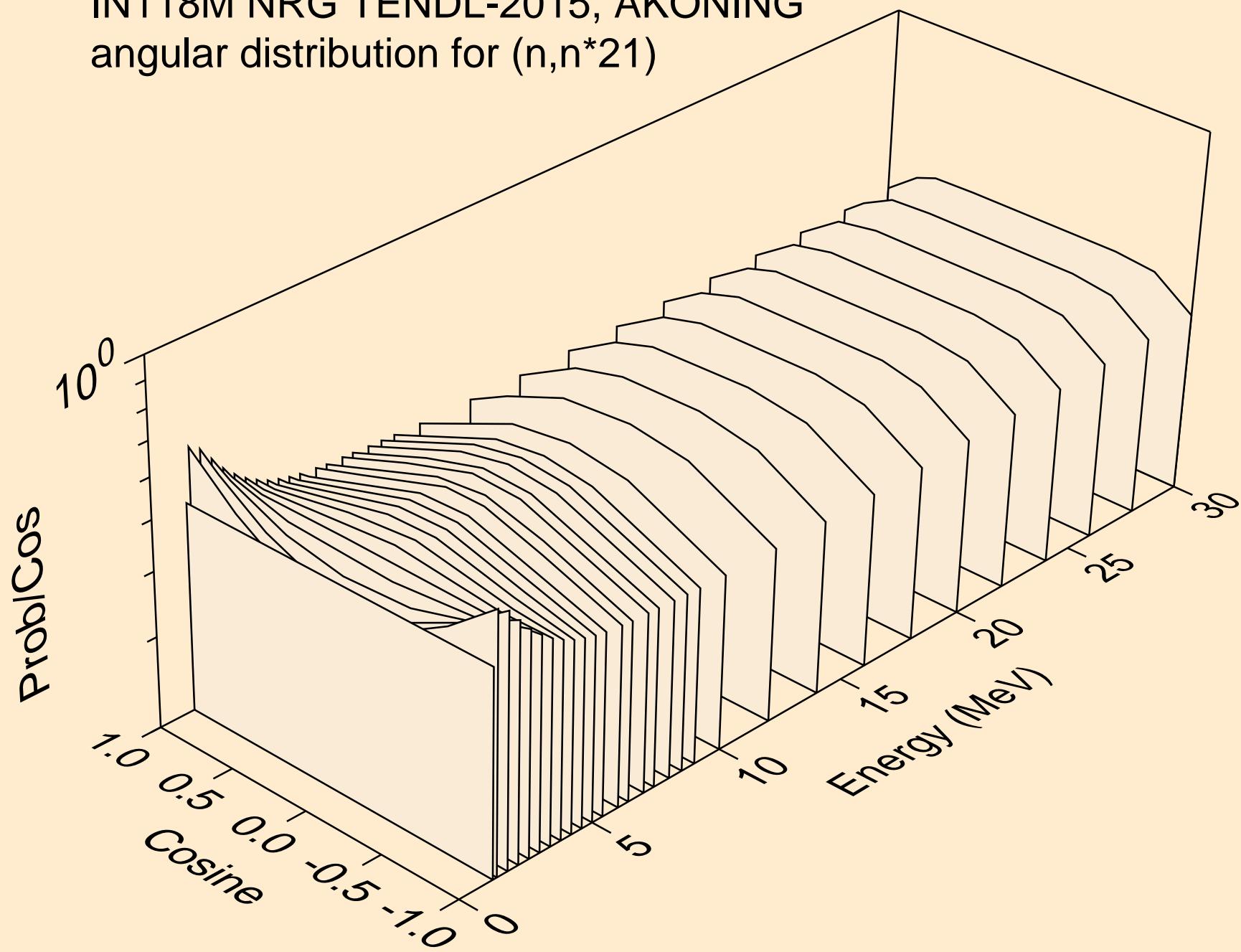
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angular distribution for (n,n\*19)



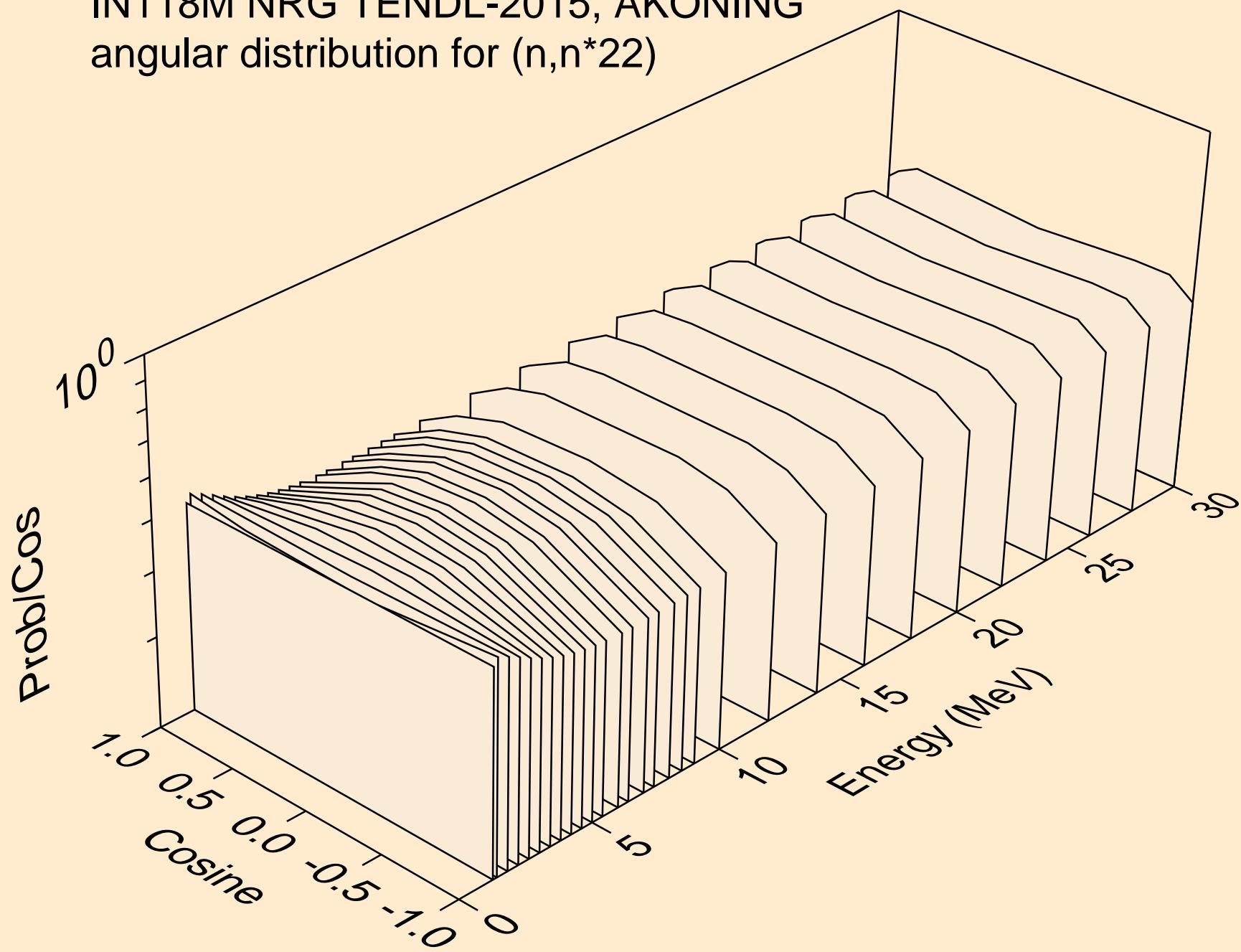
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



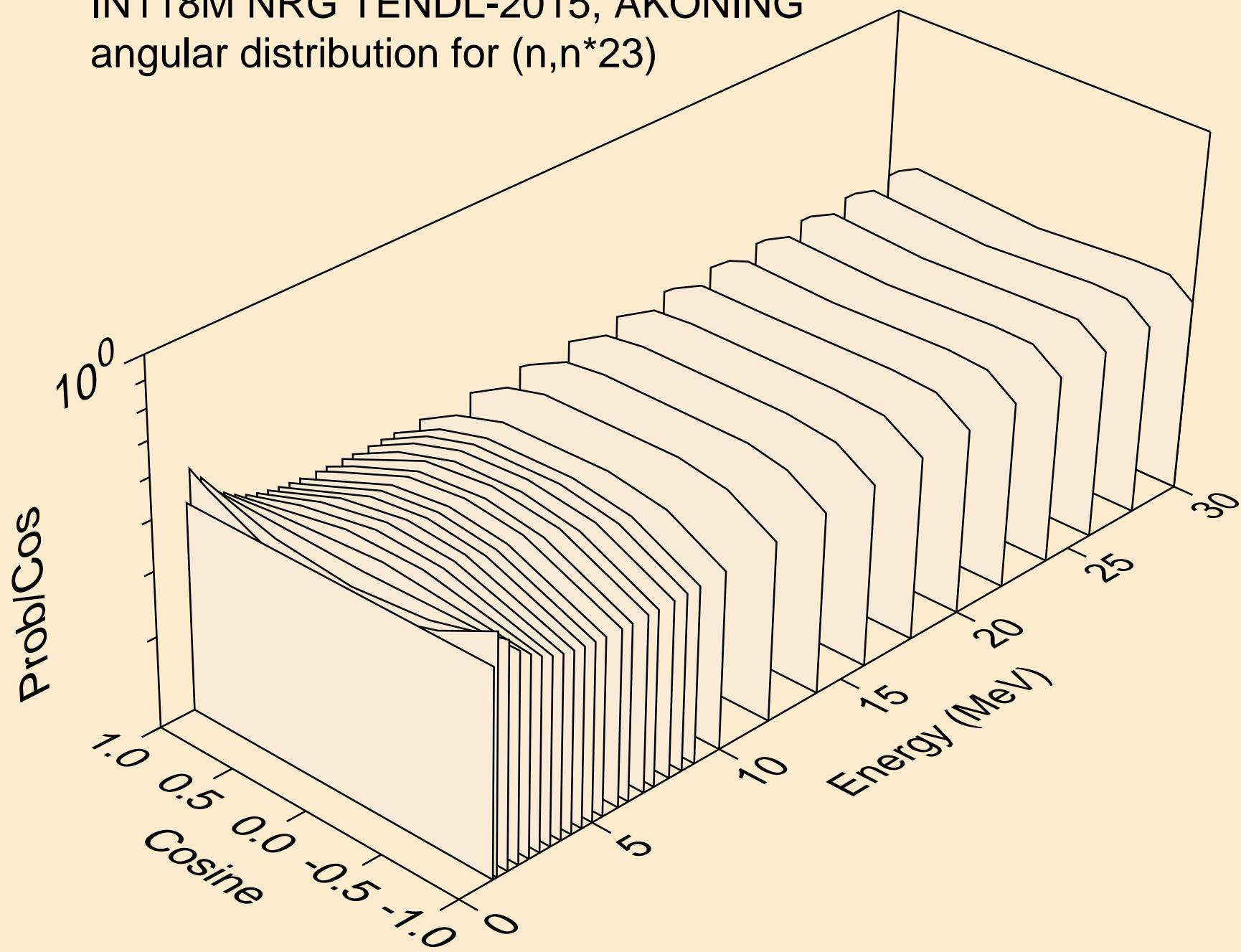
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angular distribution for ( $n,n^*21$ )



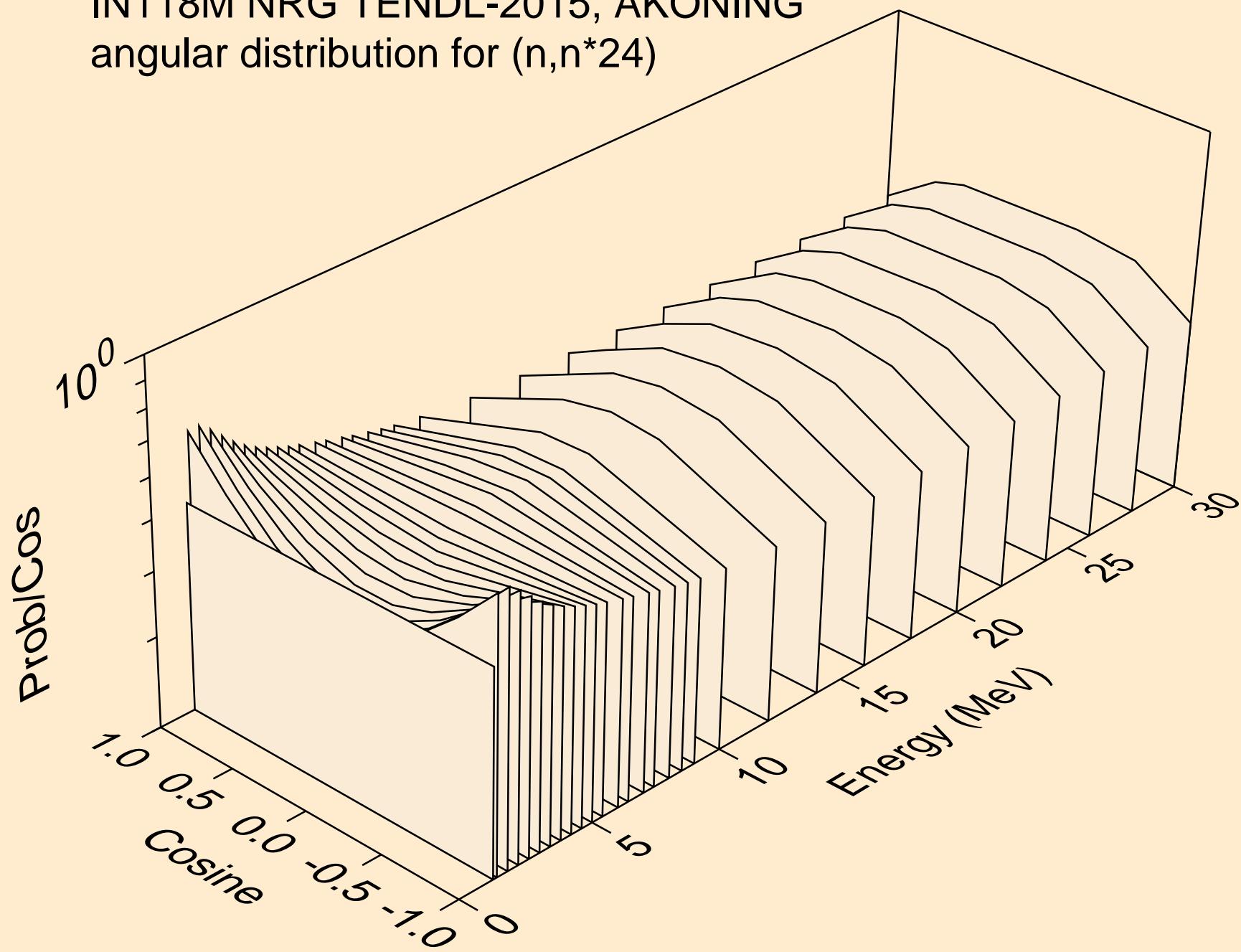
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angular distribution for (n,n\*22)



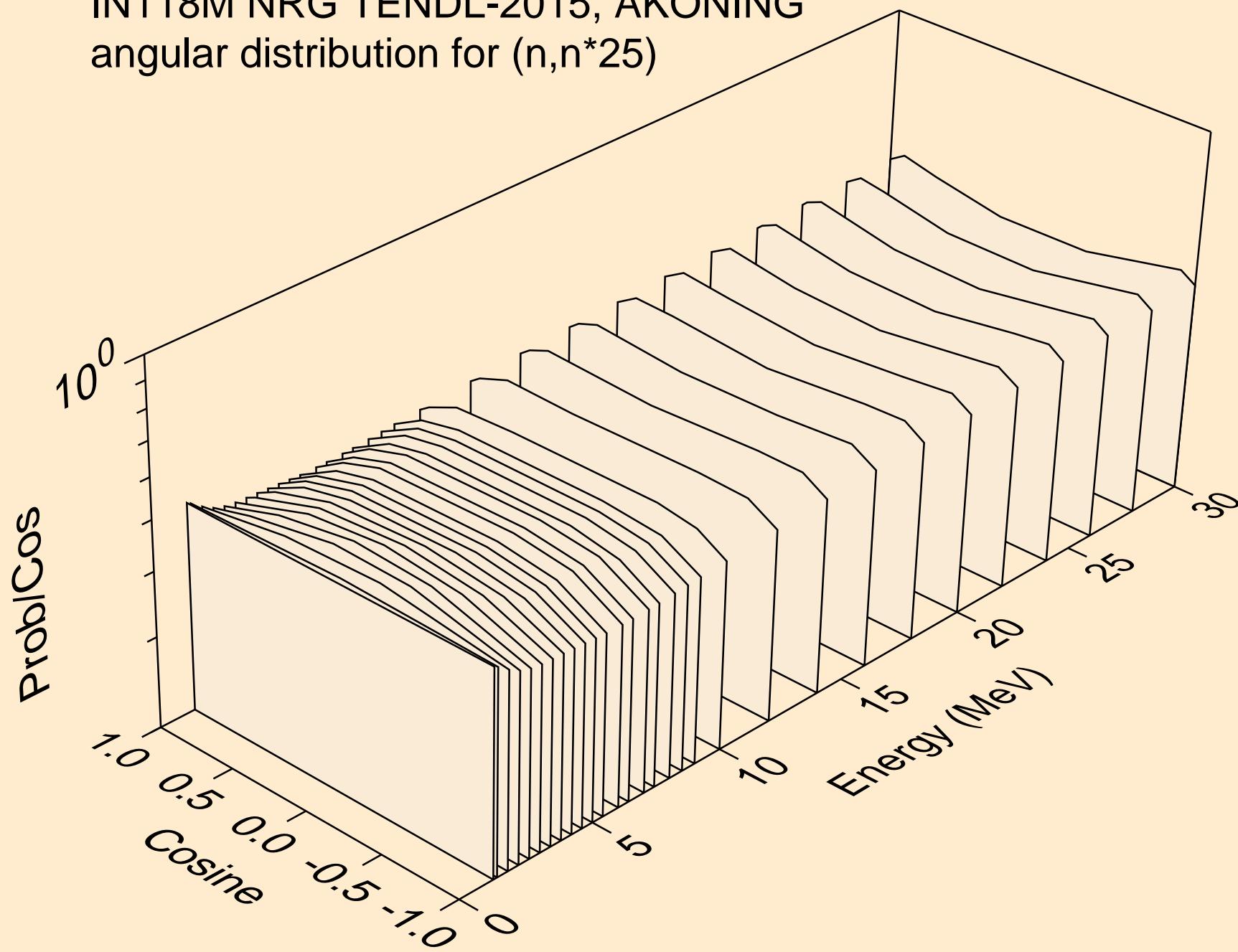
IN118M NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )23



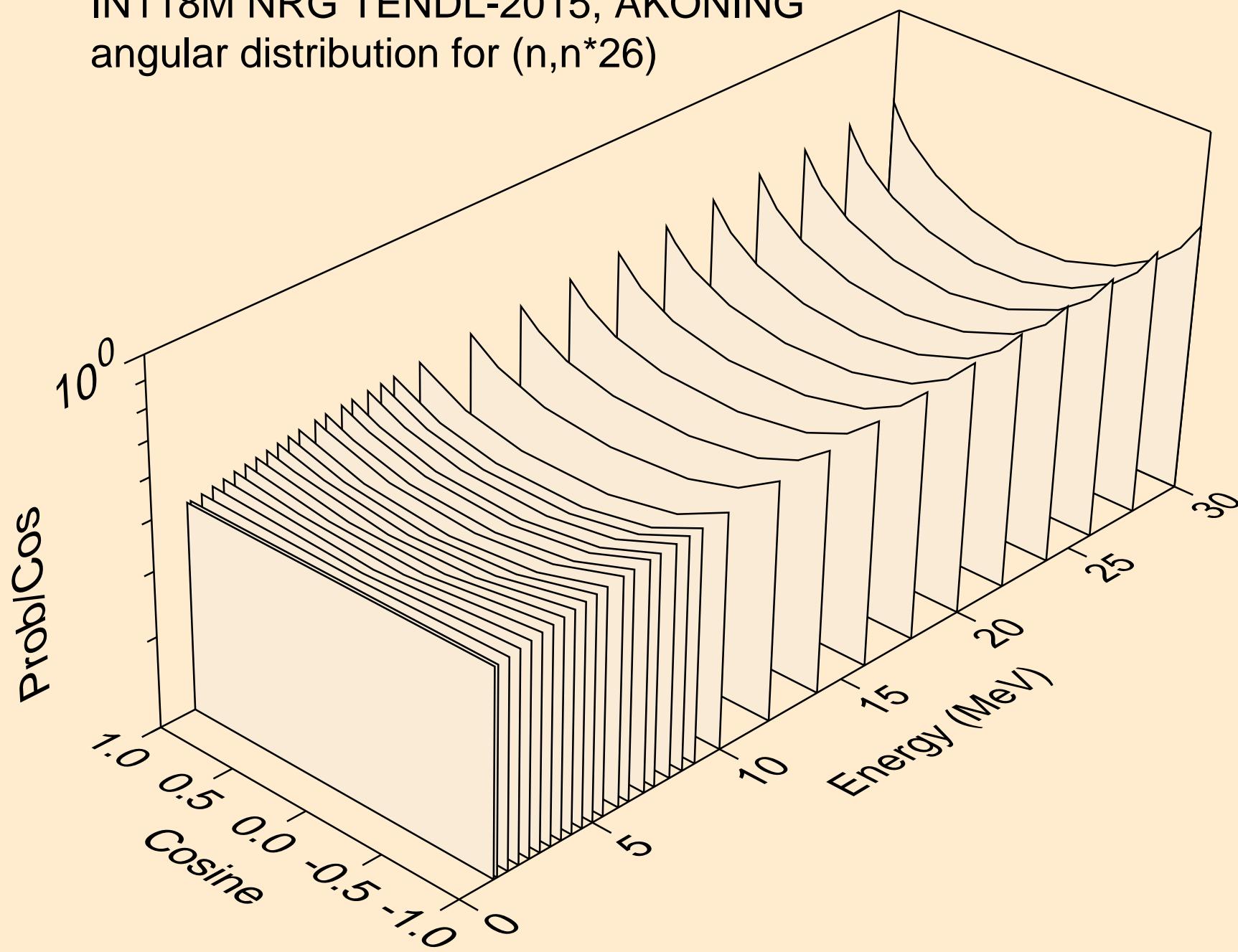
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



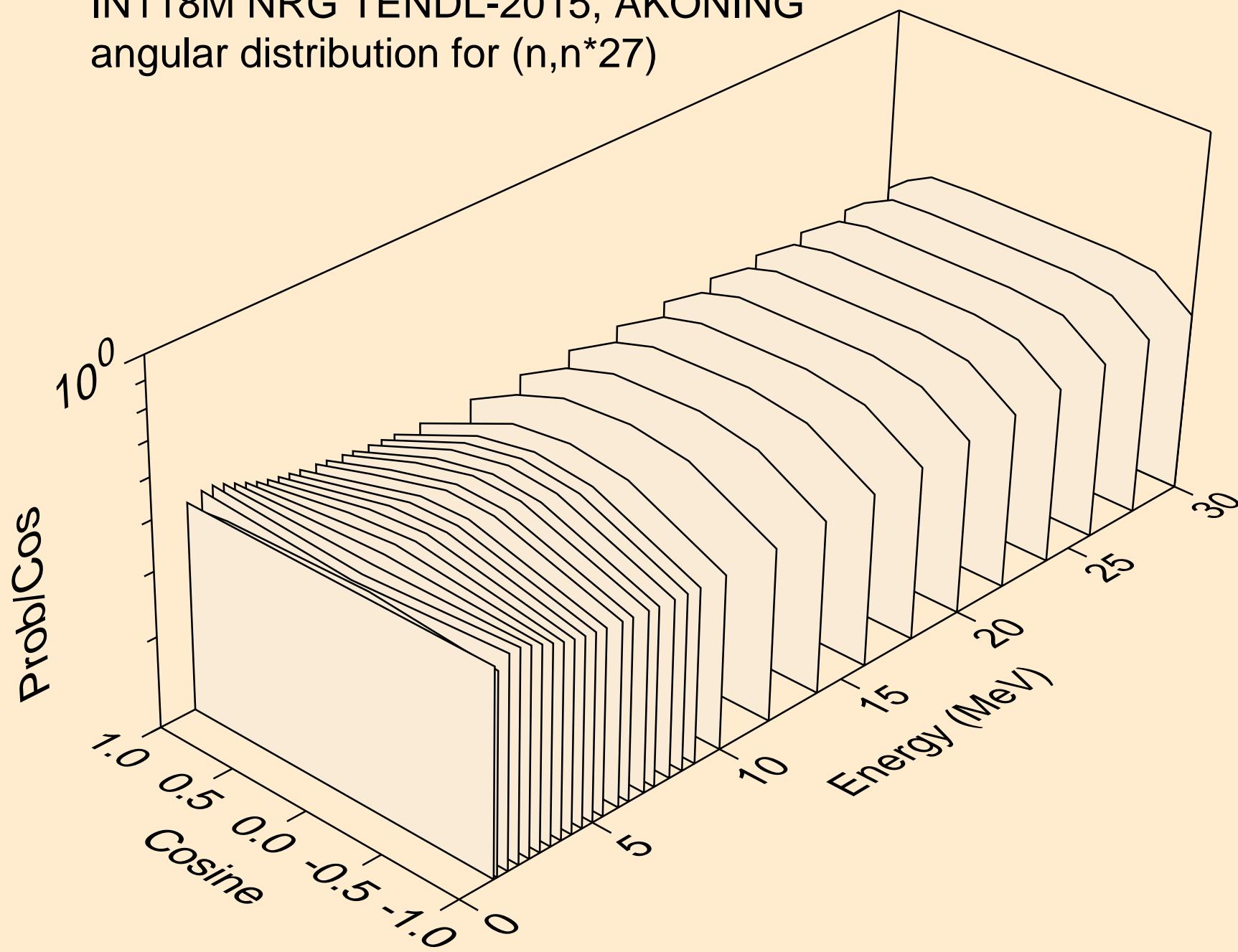
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



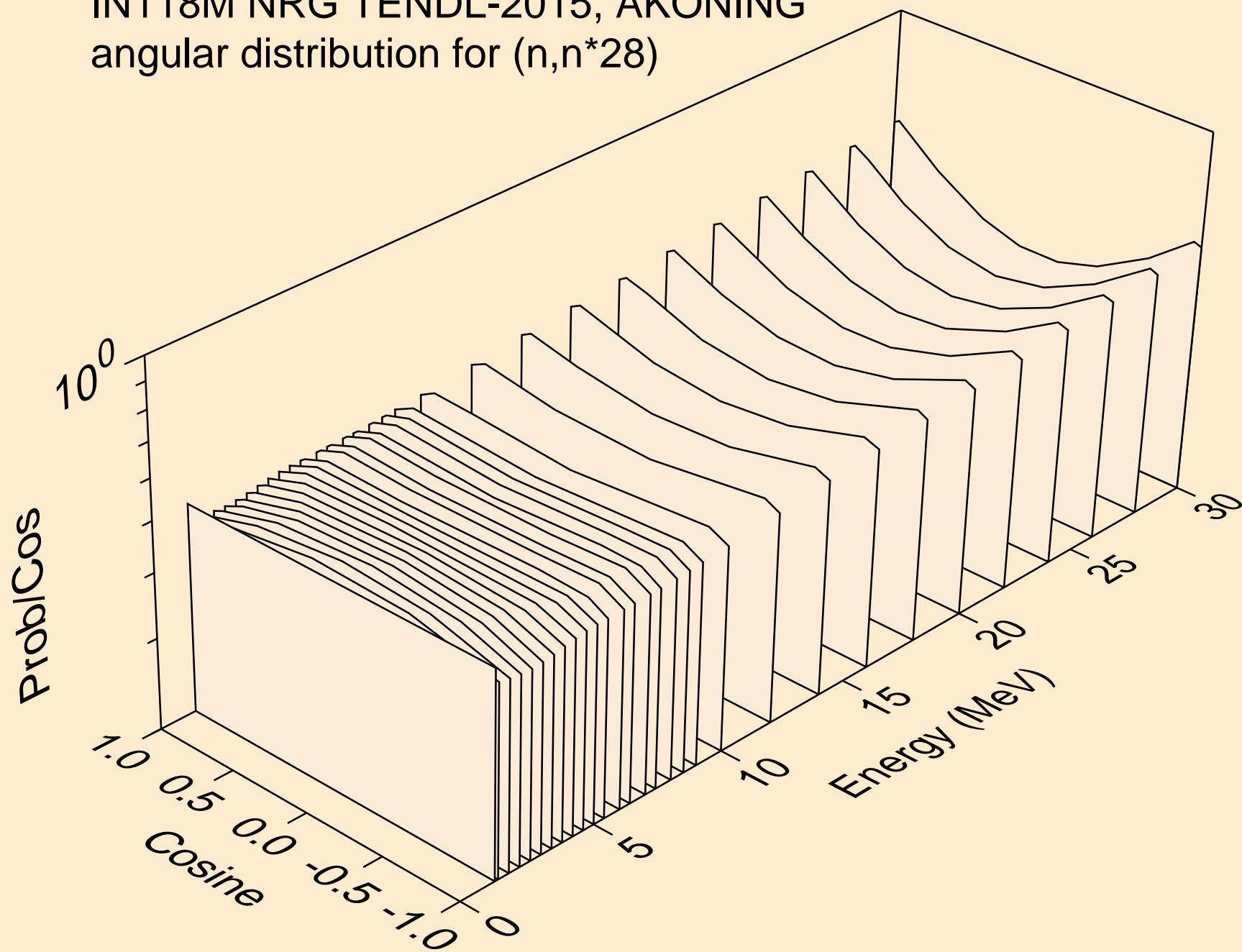
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angular distribution for (n,n\*26)



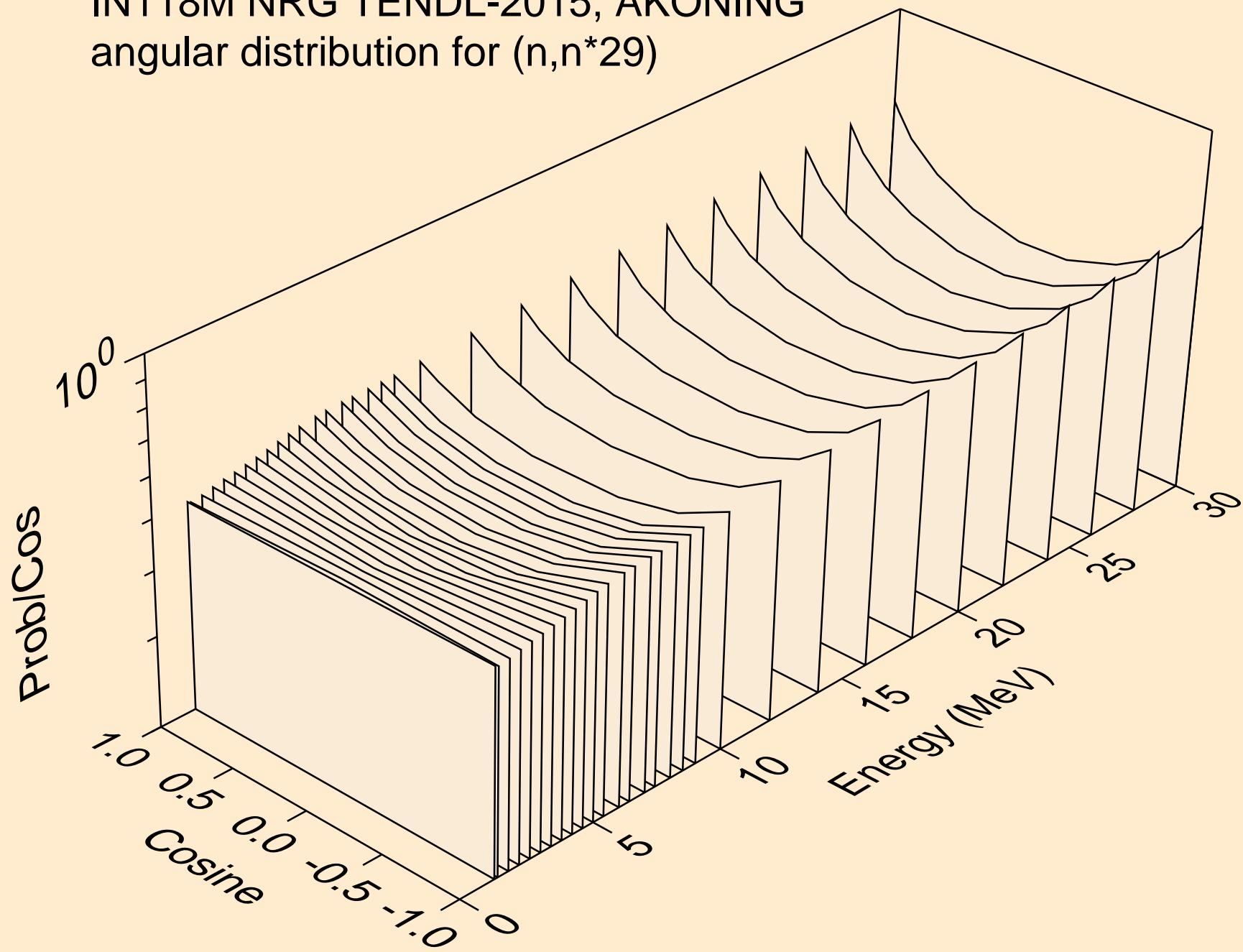
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



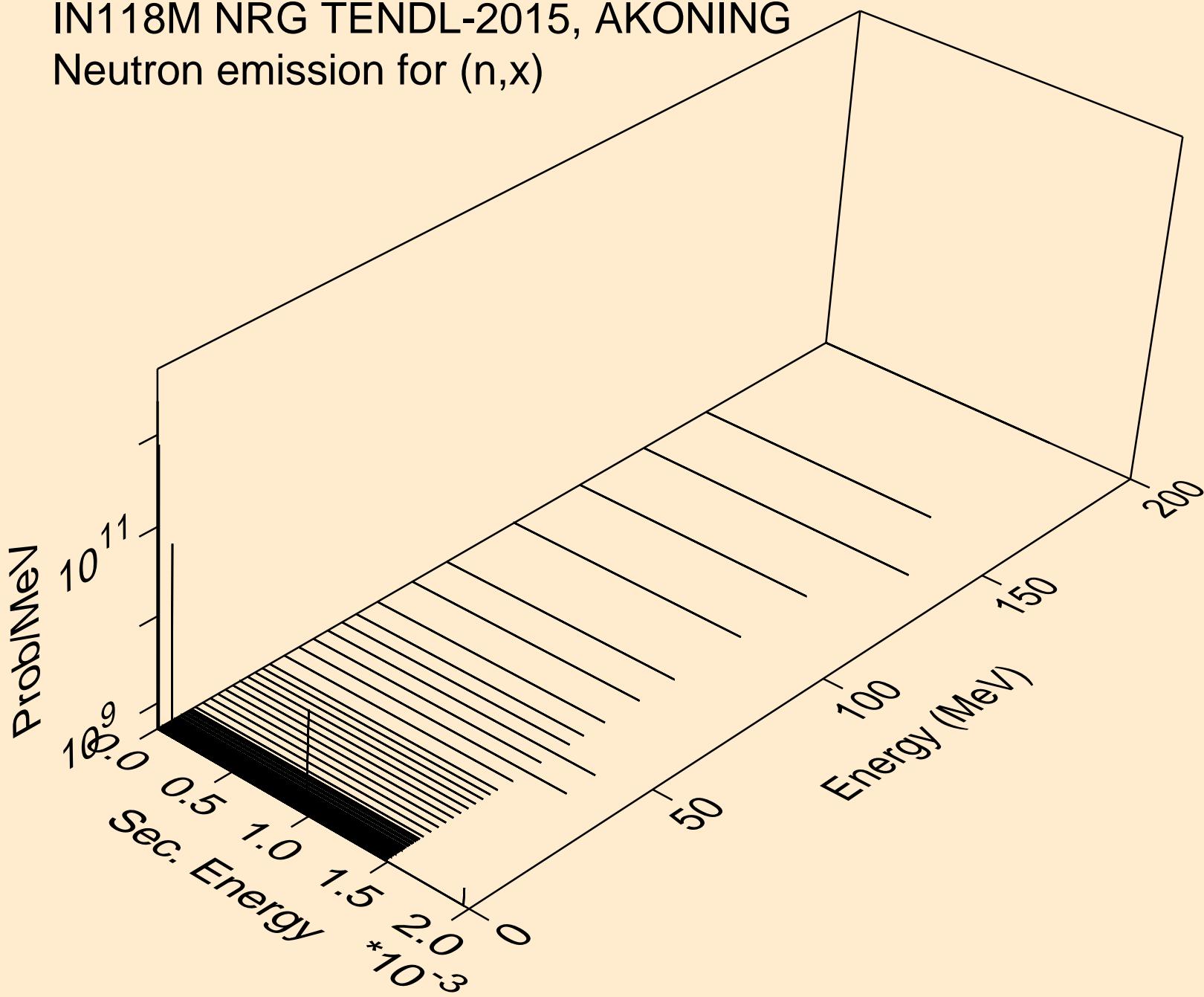
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



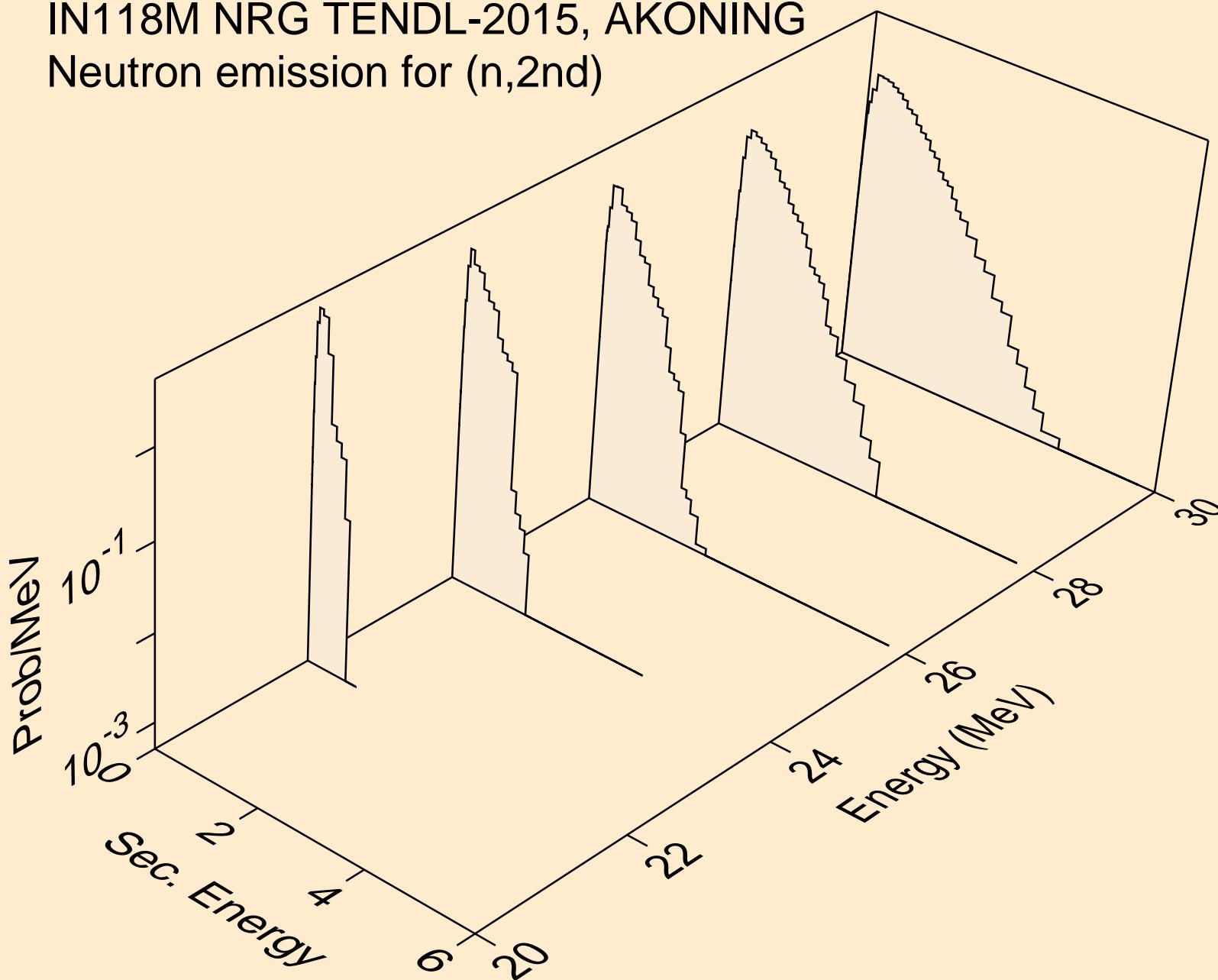
IN118M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



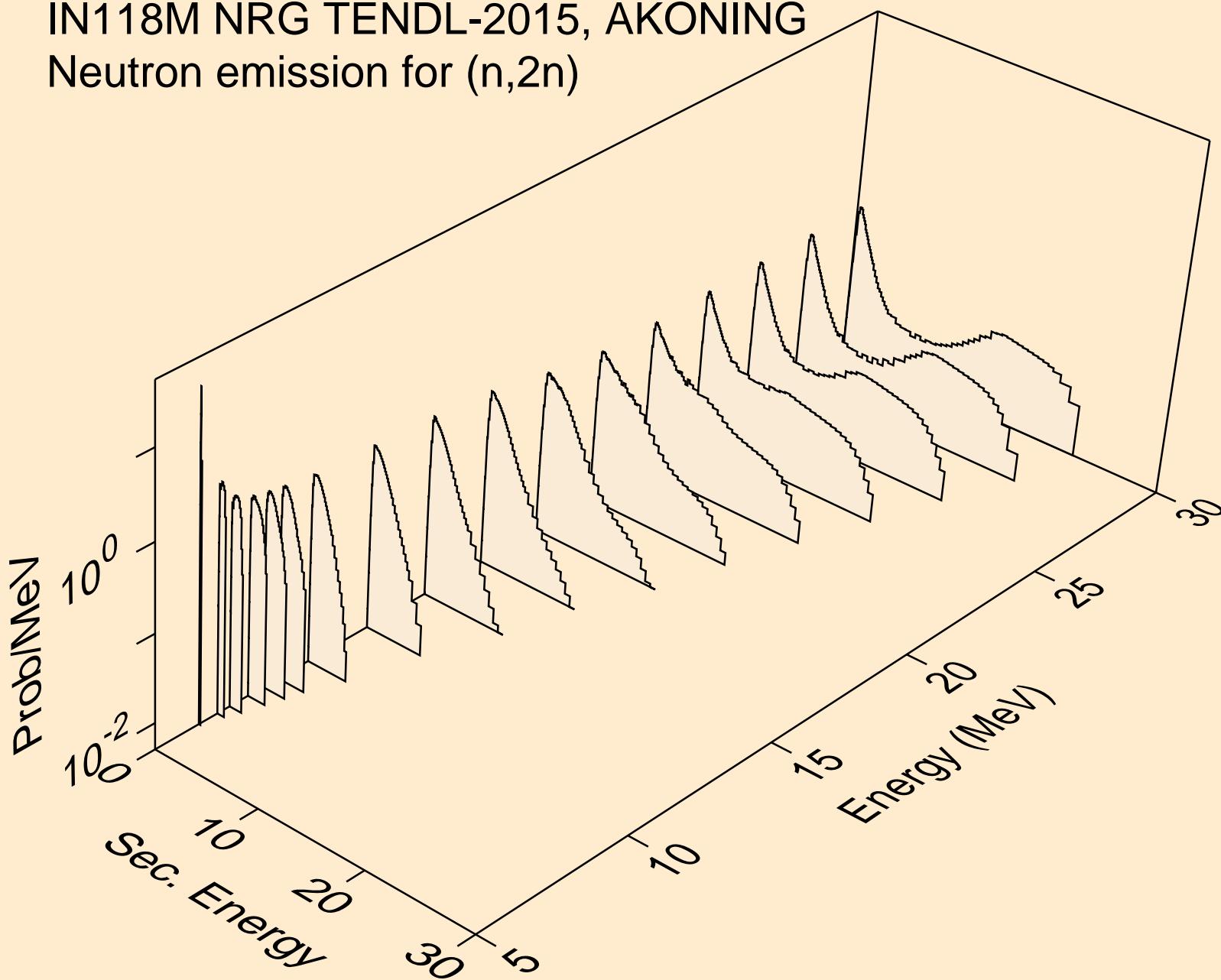
IN118M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



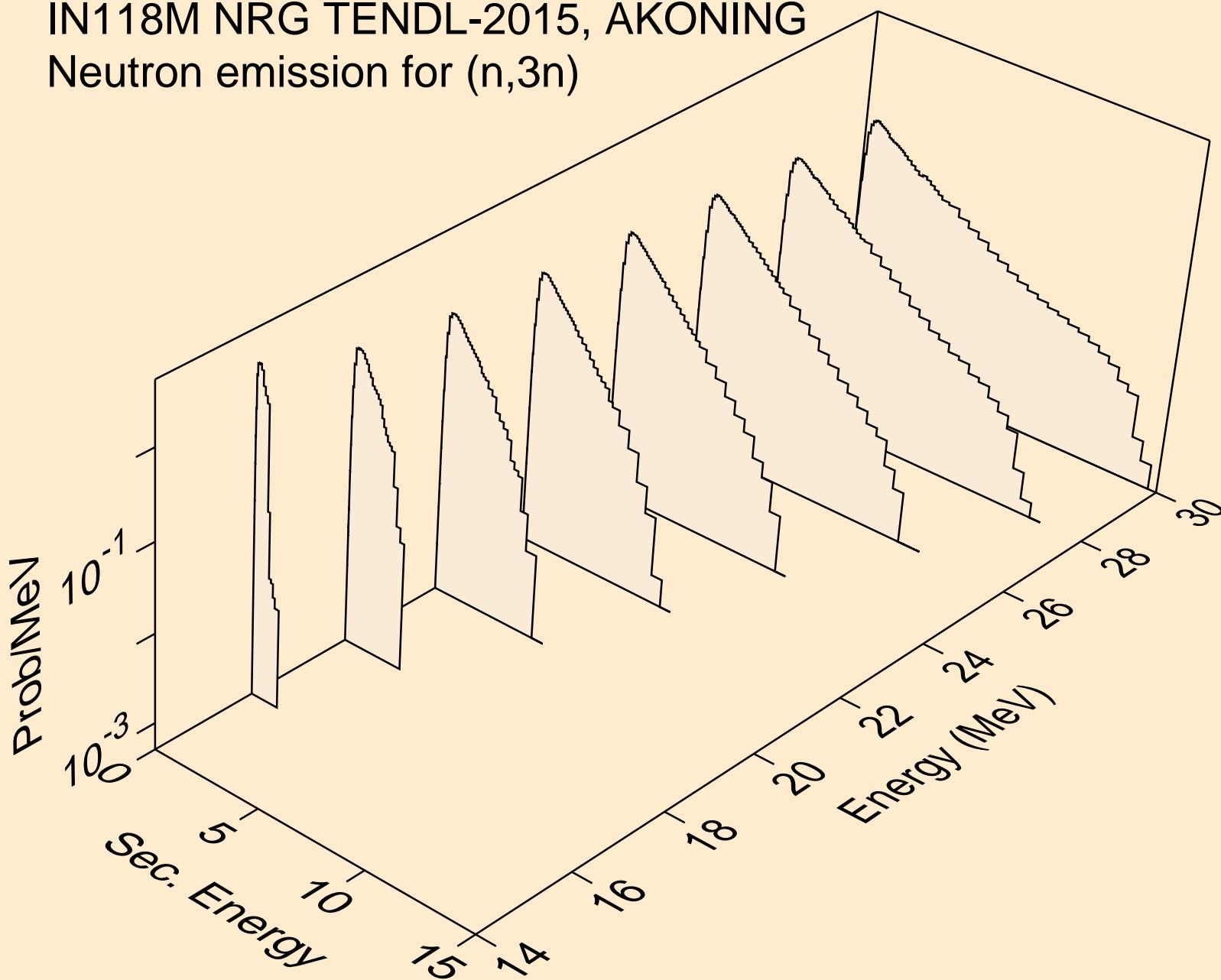
IN118M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



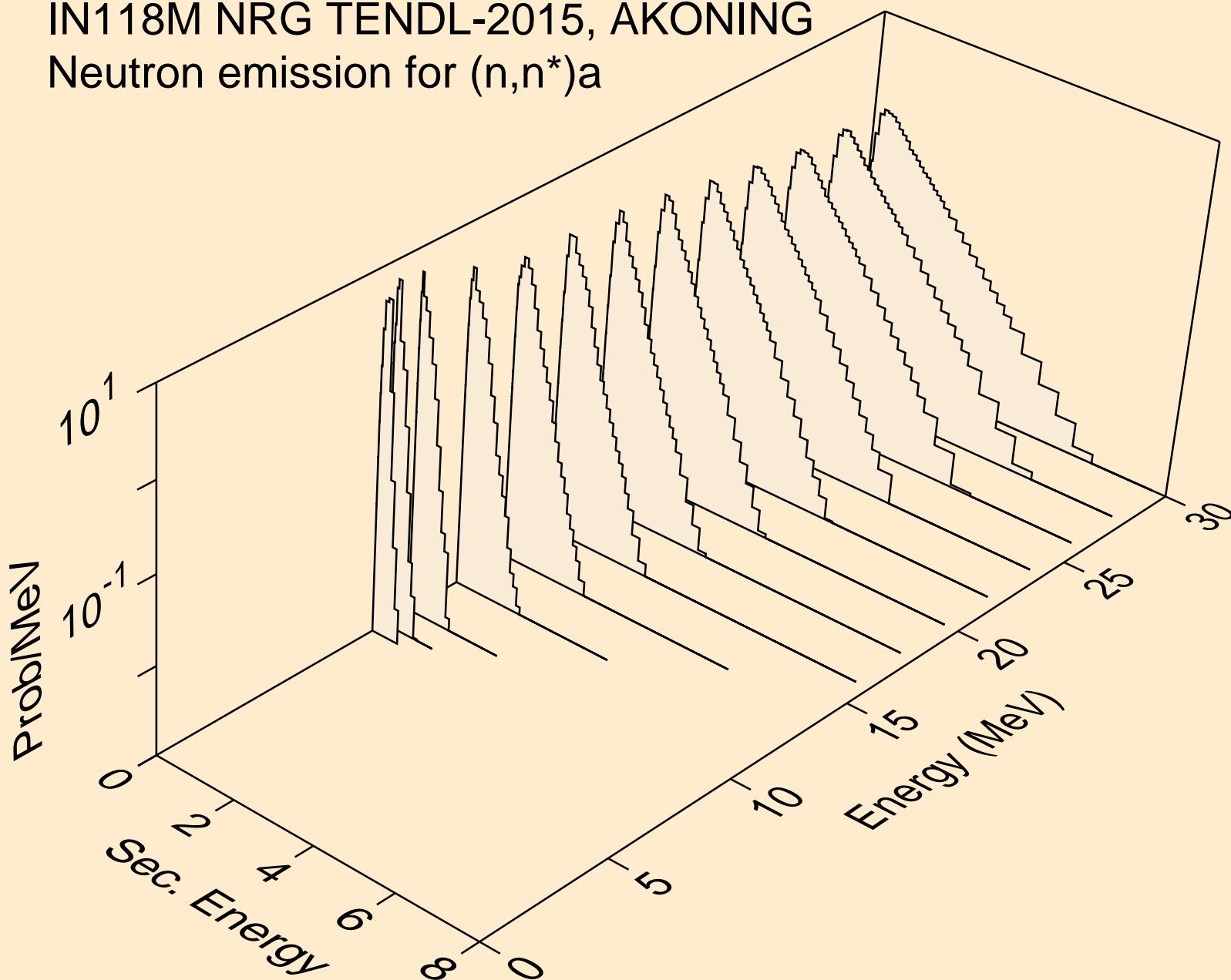
IN118M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



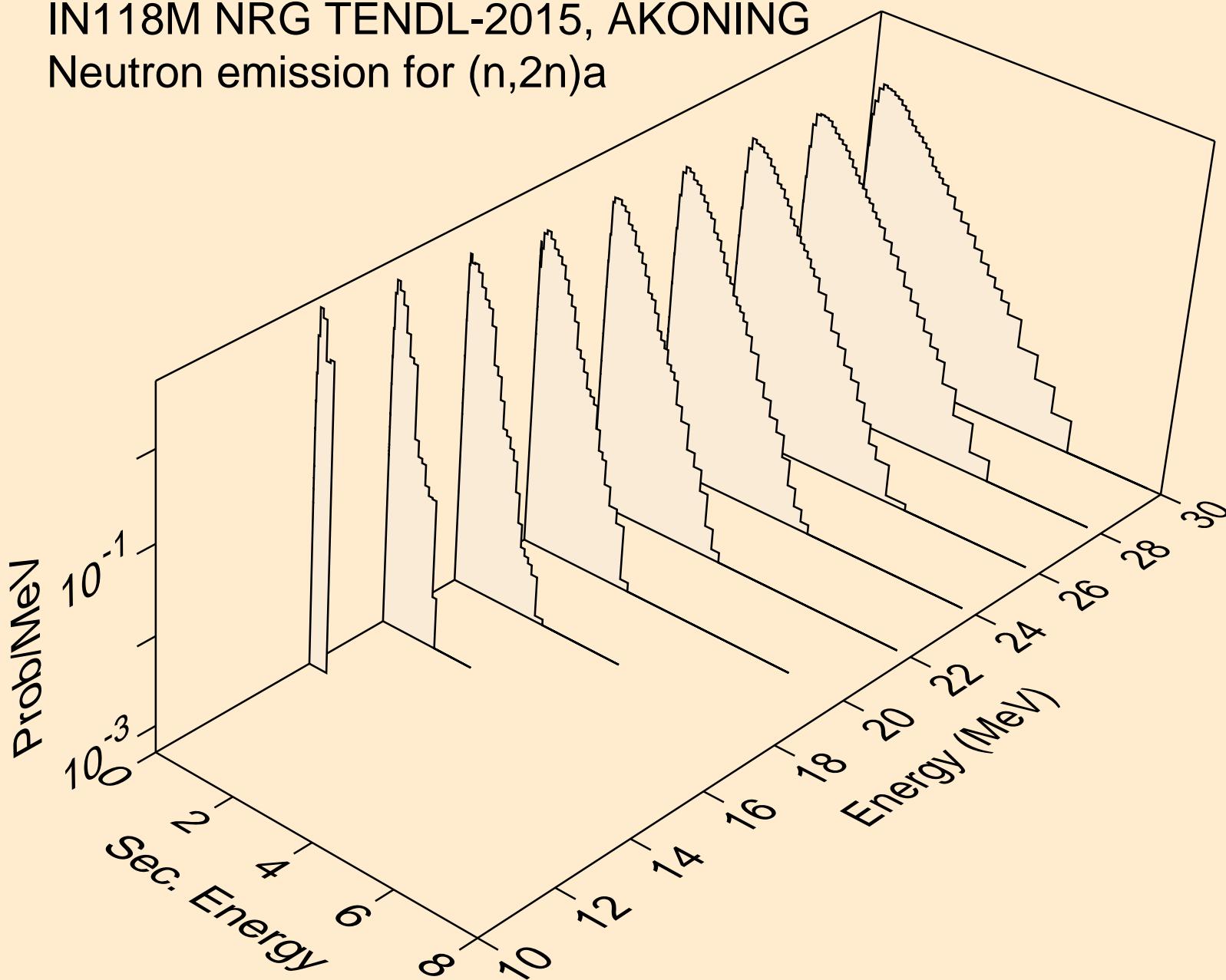
IN118M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



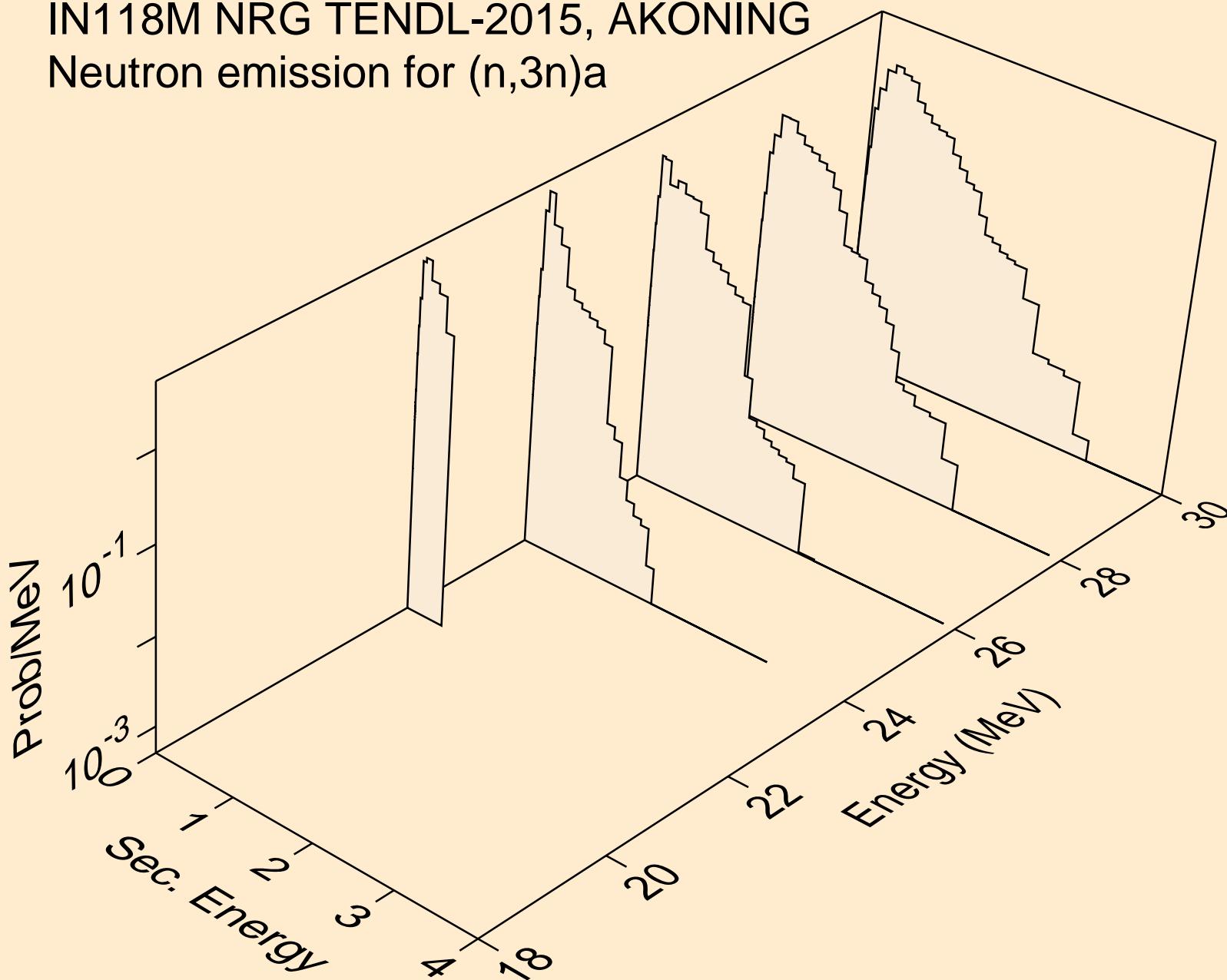
IN118M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



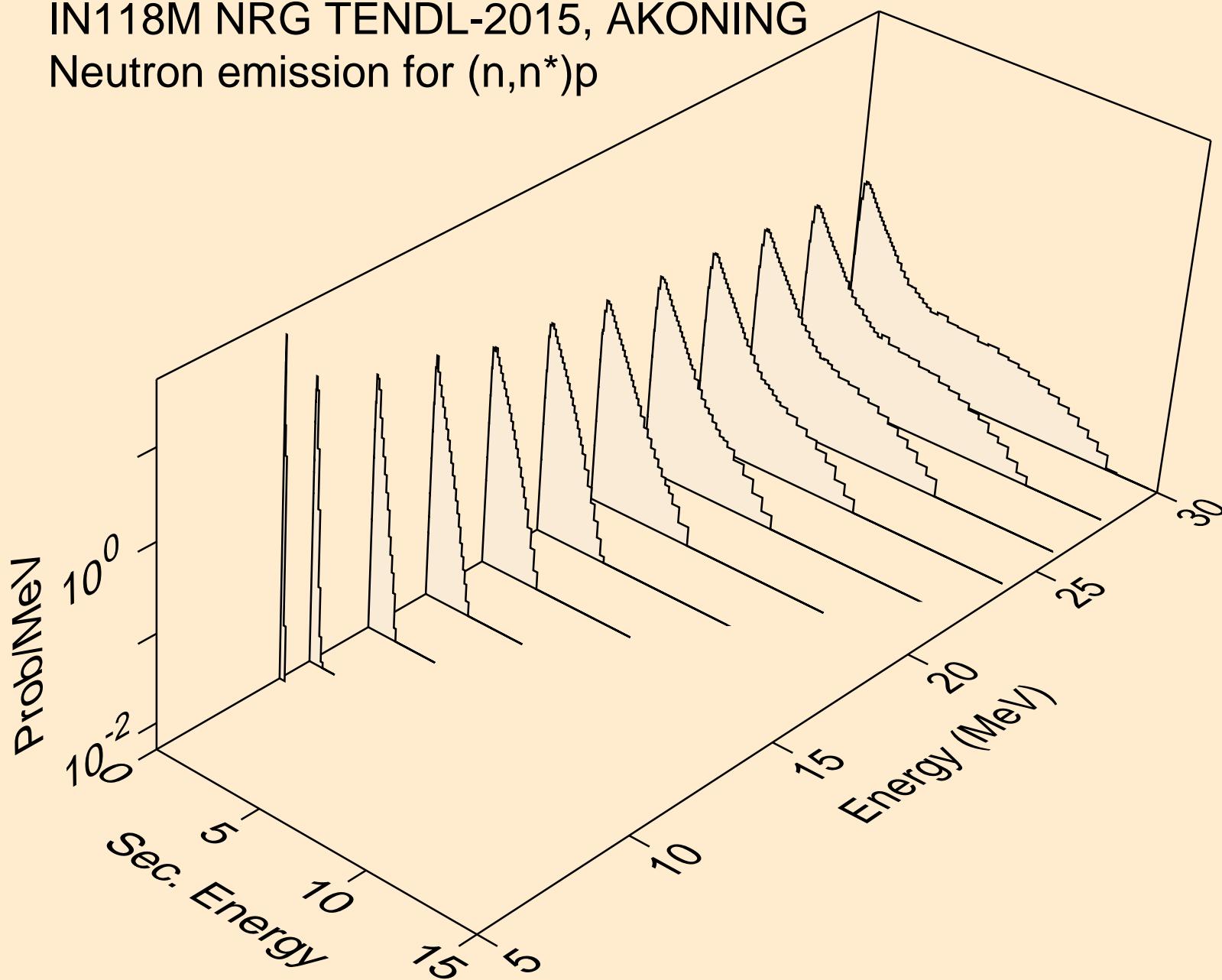
IN118M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



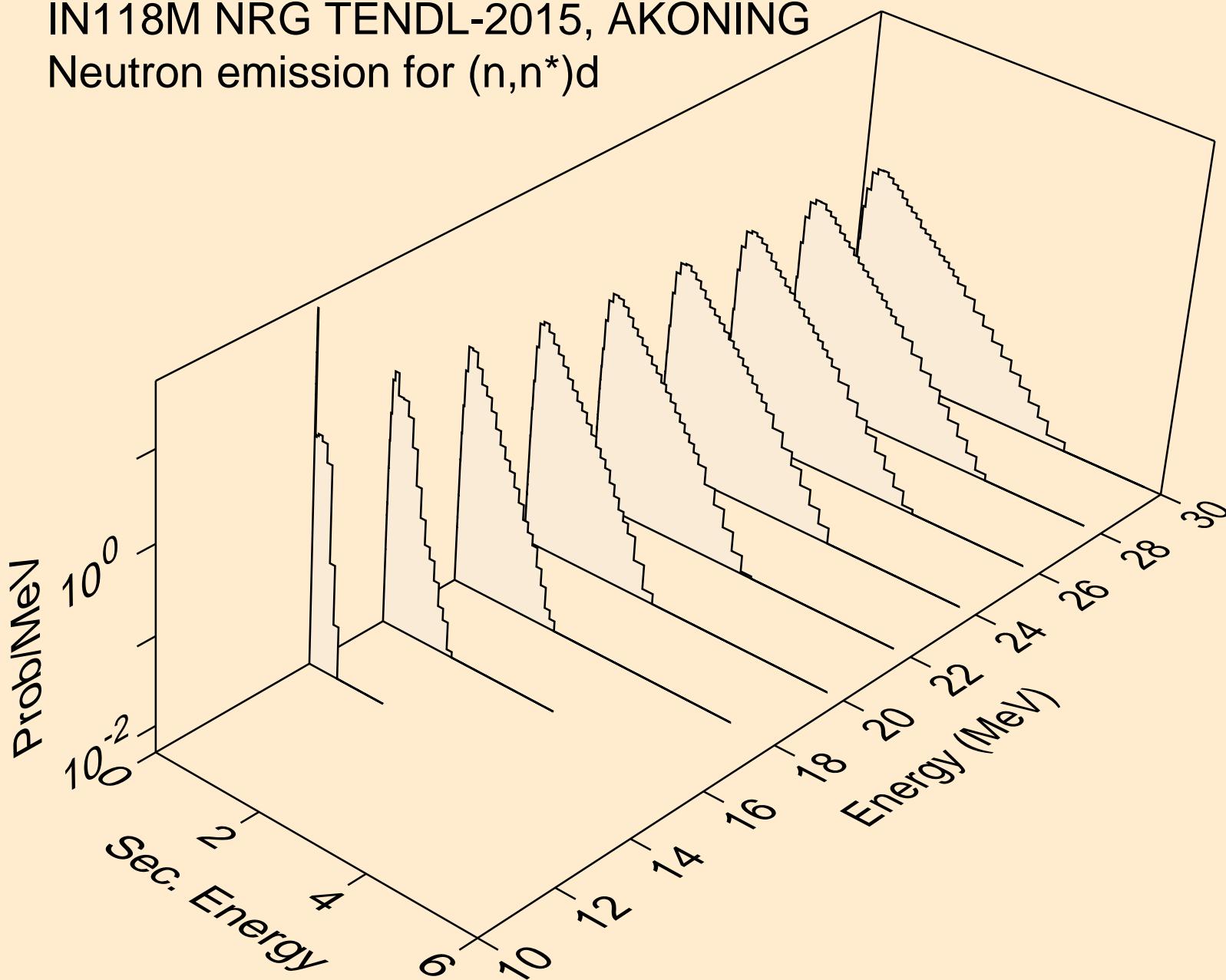
IN118M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



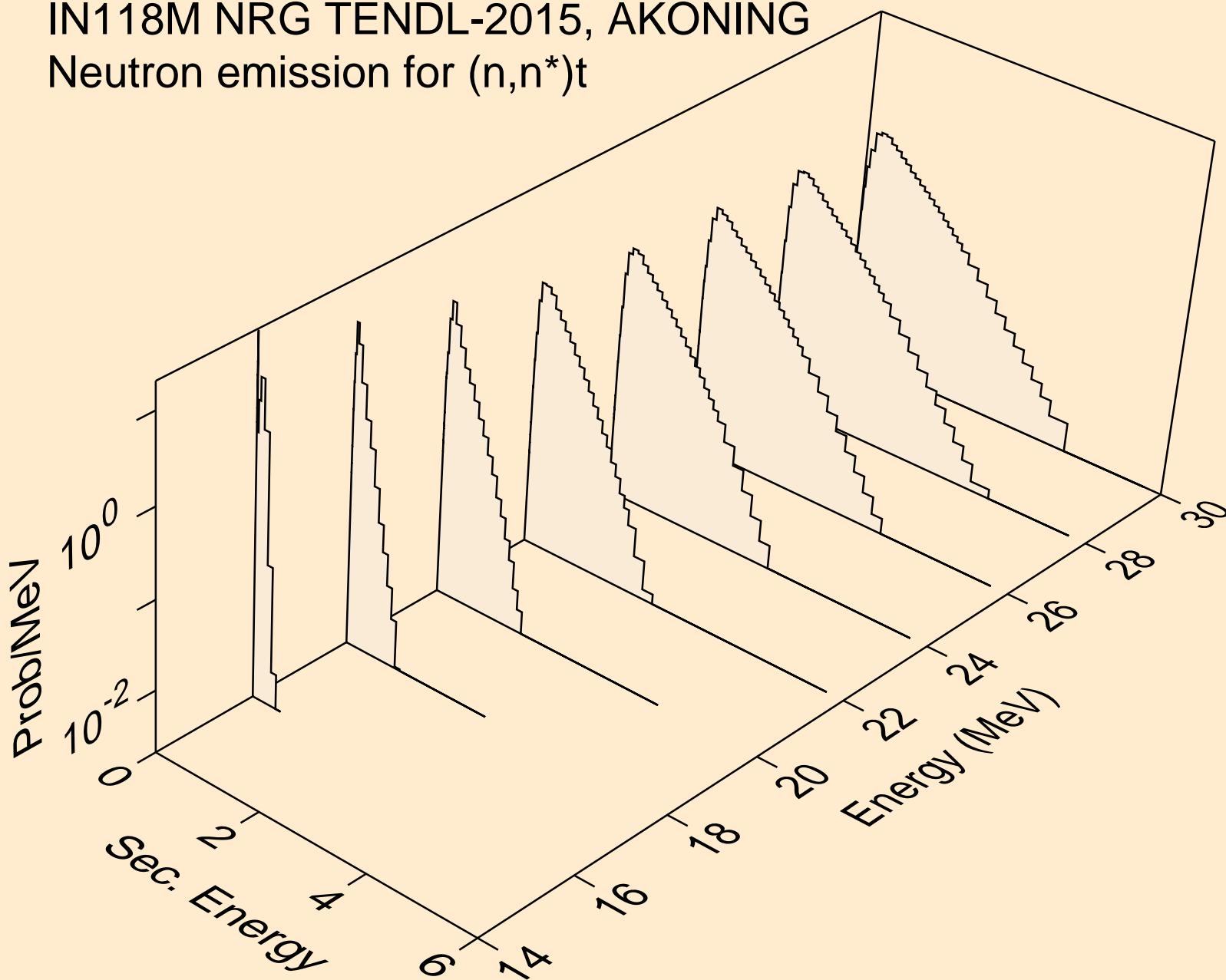
IN118M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



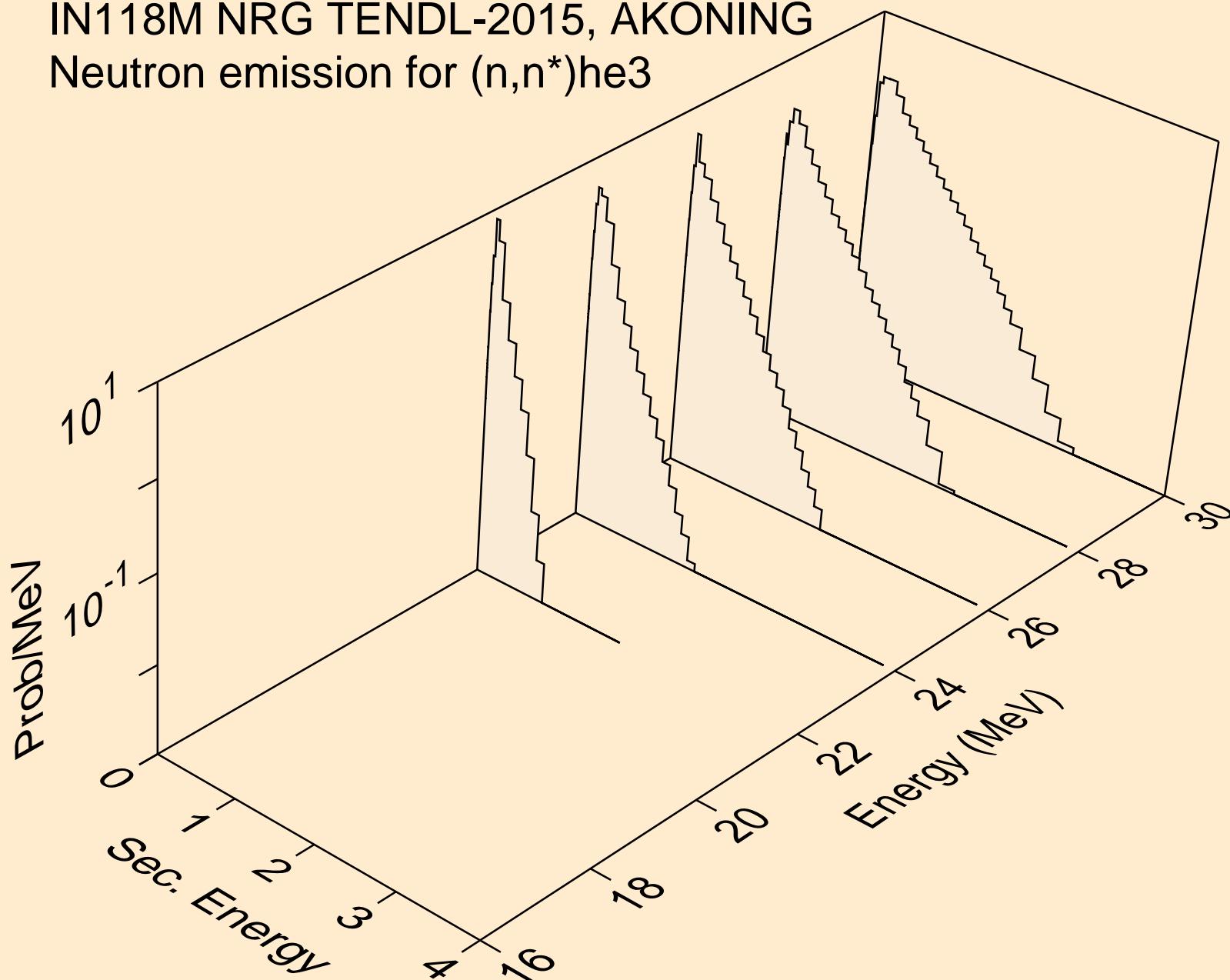
IN118M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



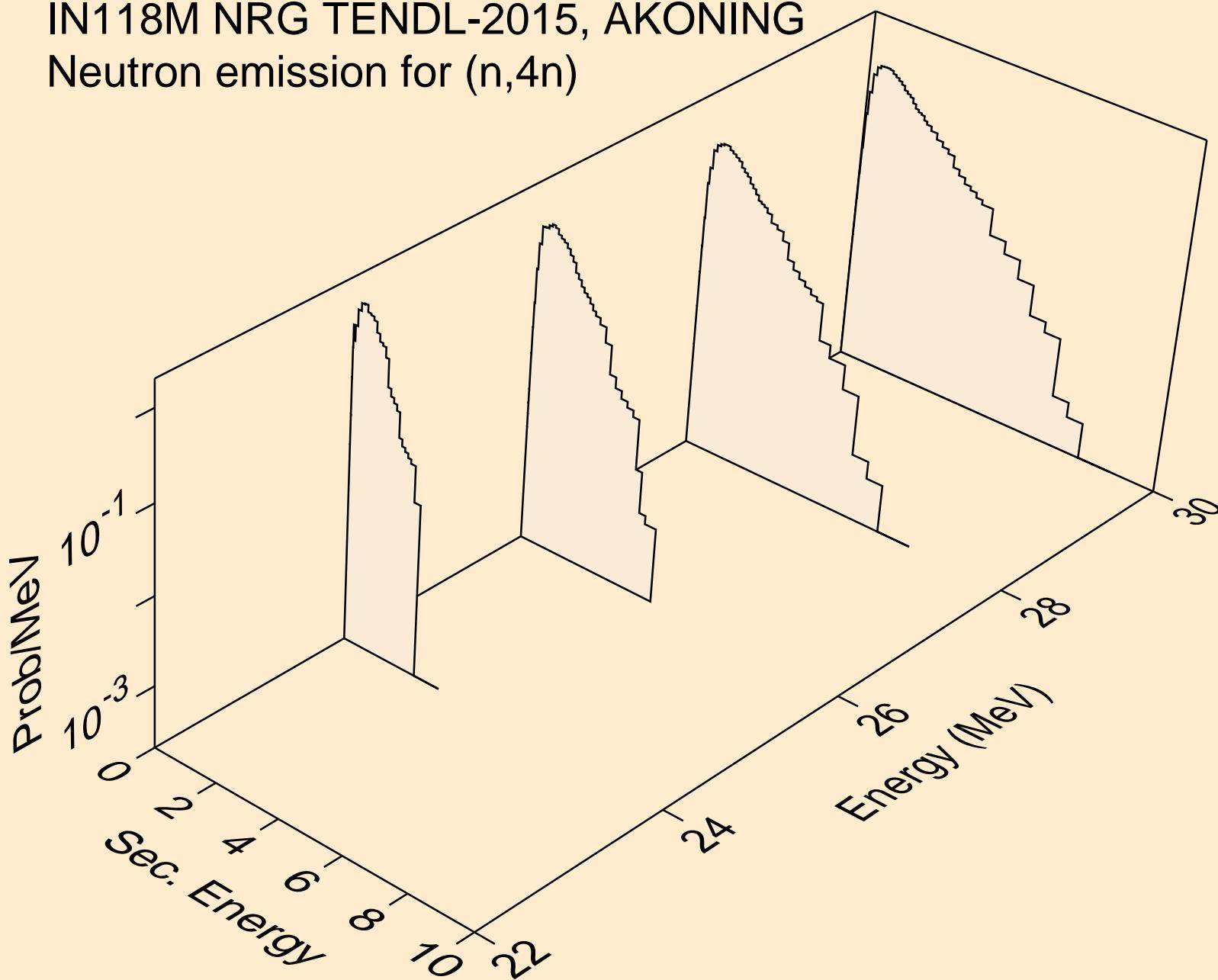
IN118M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



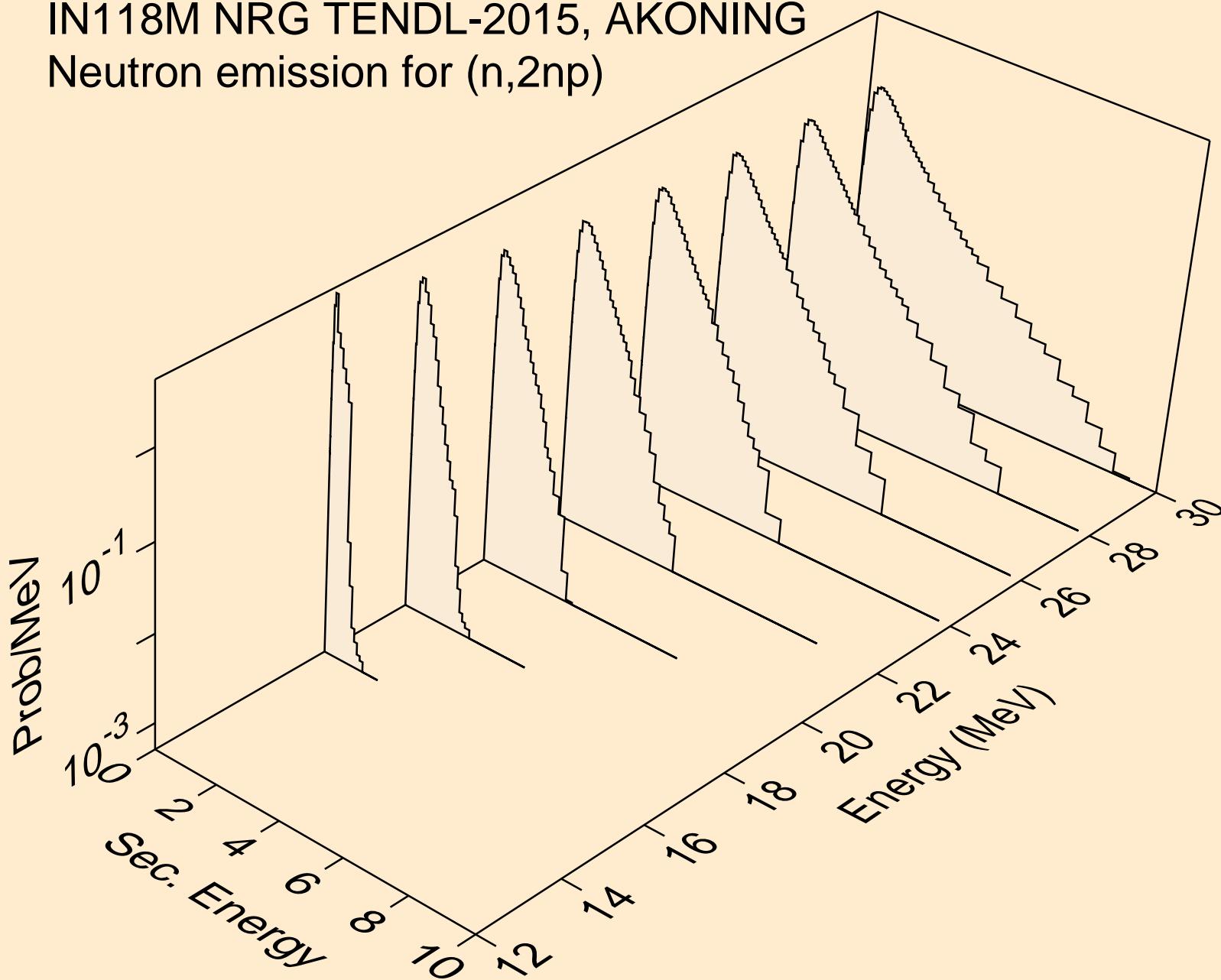
IN118M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



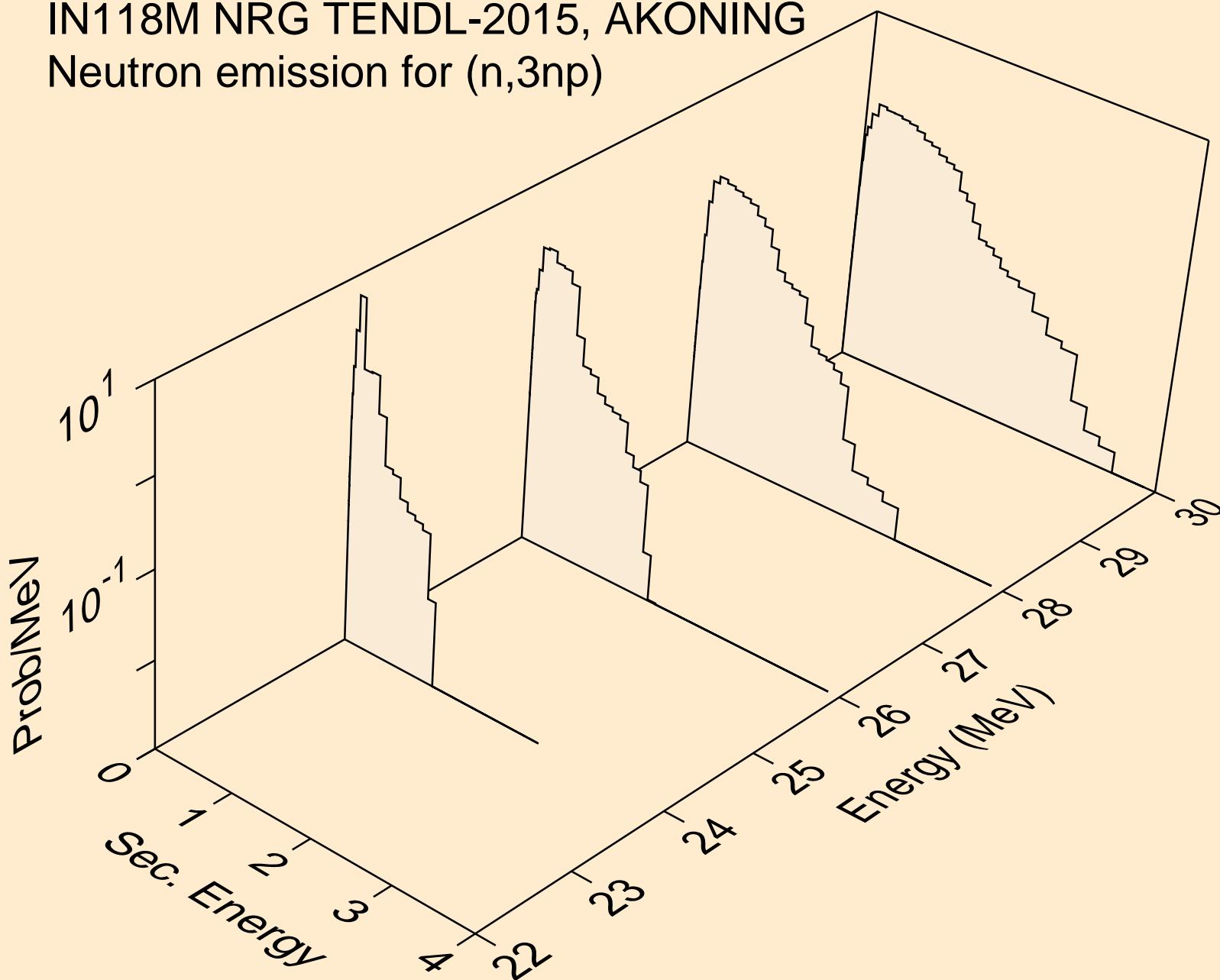
IN118M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



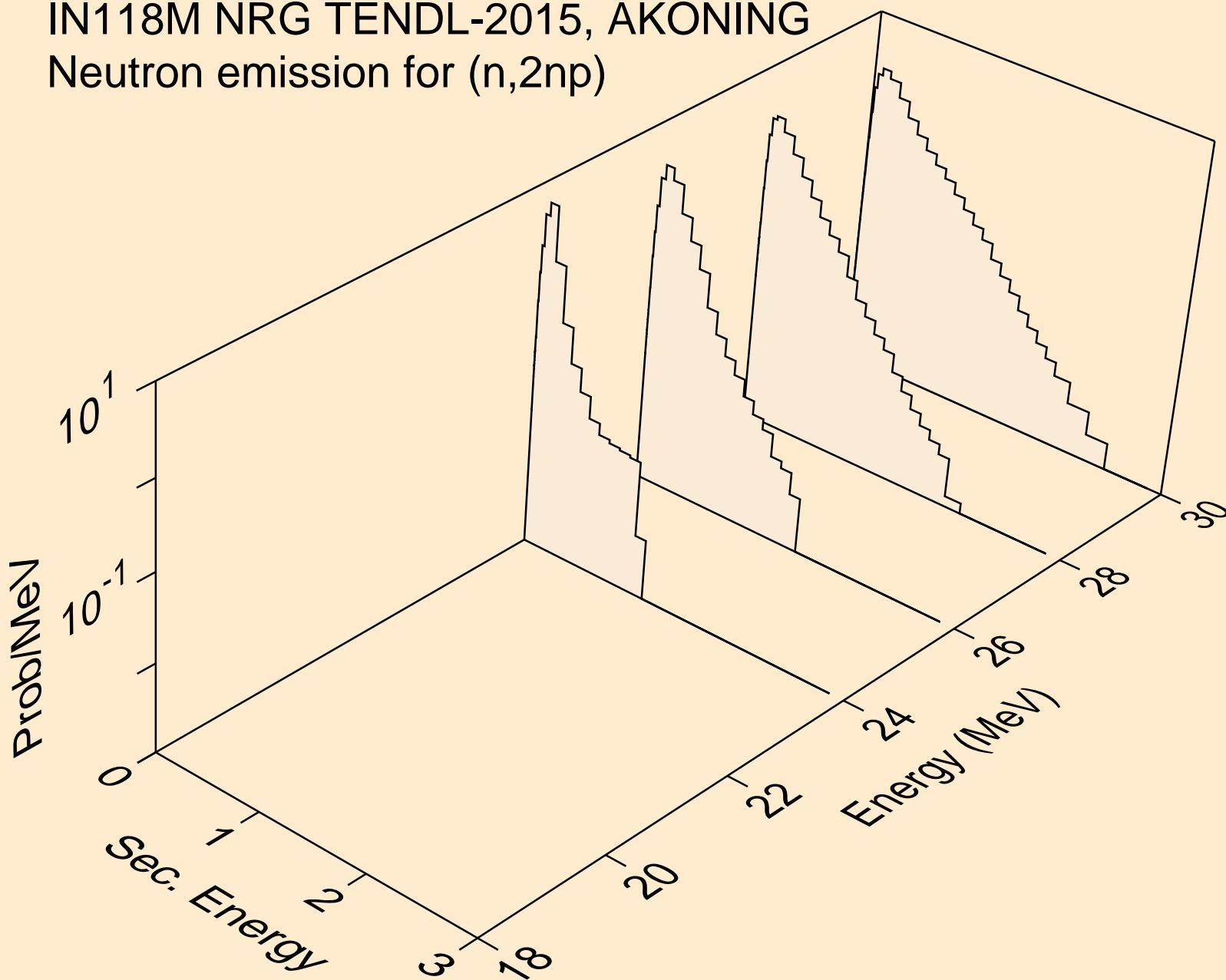
IN118M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



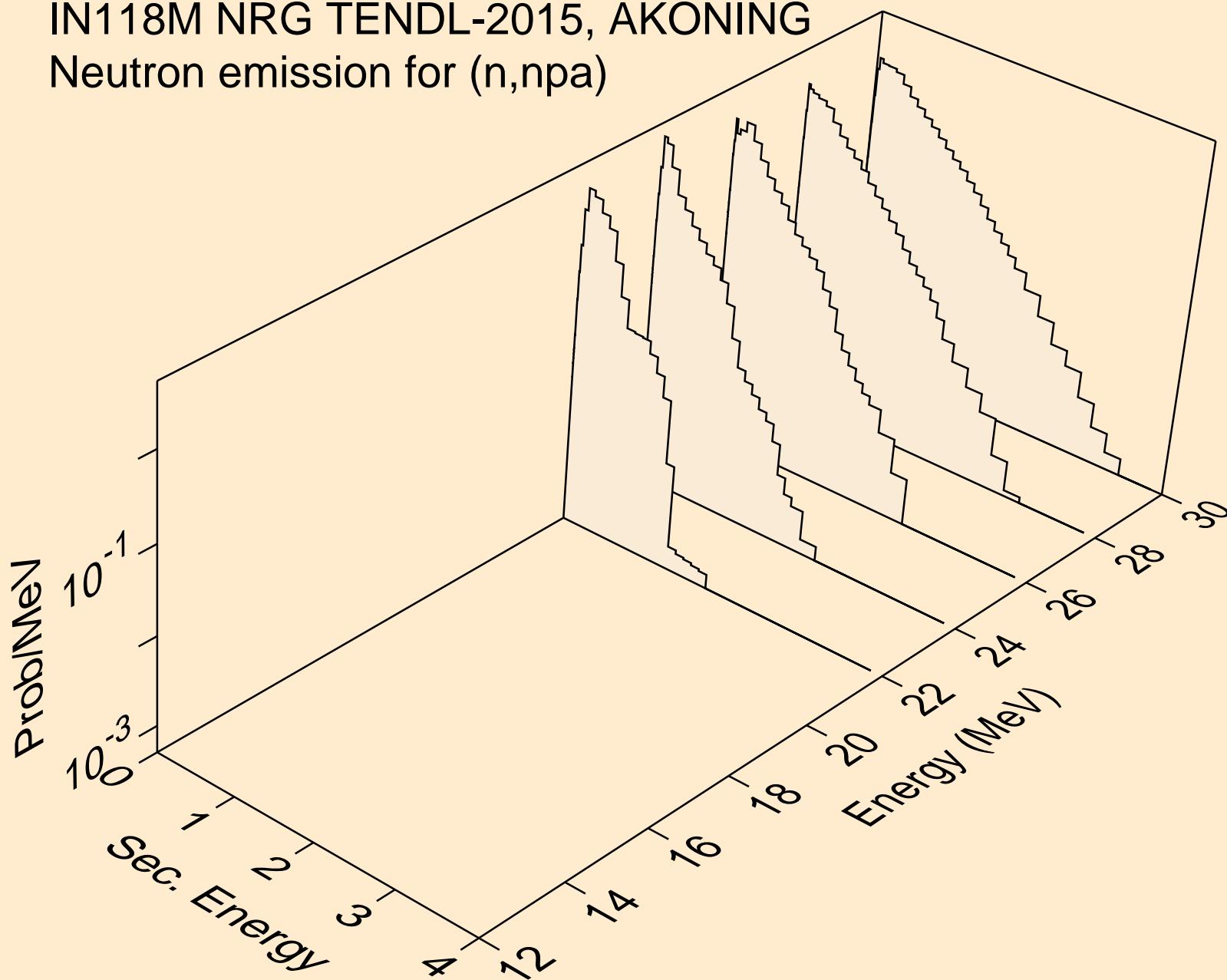
IN118M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



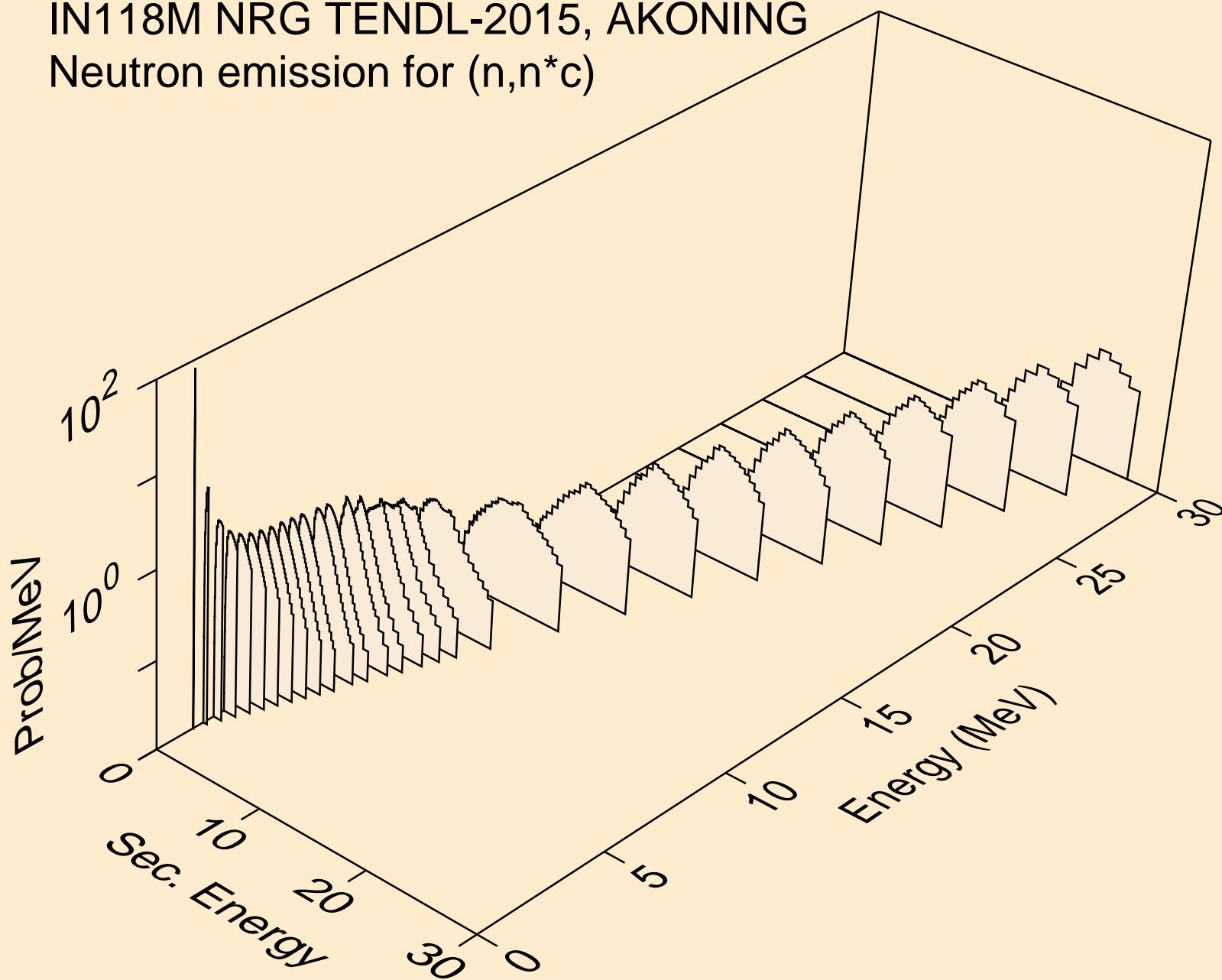
IN118M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



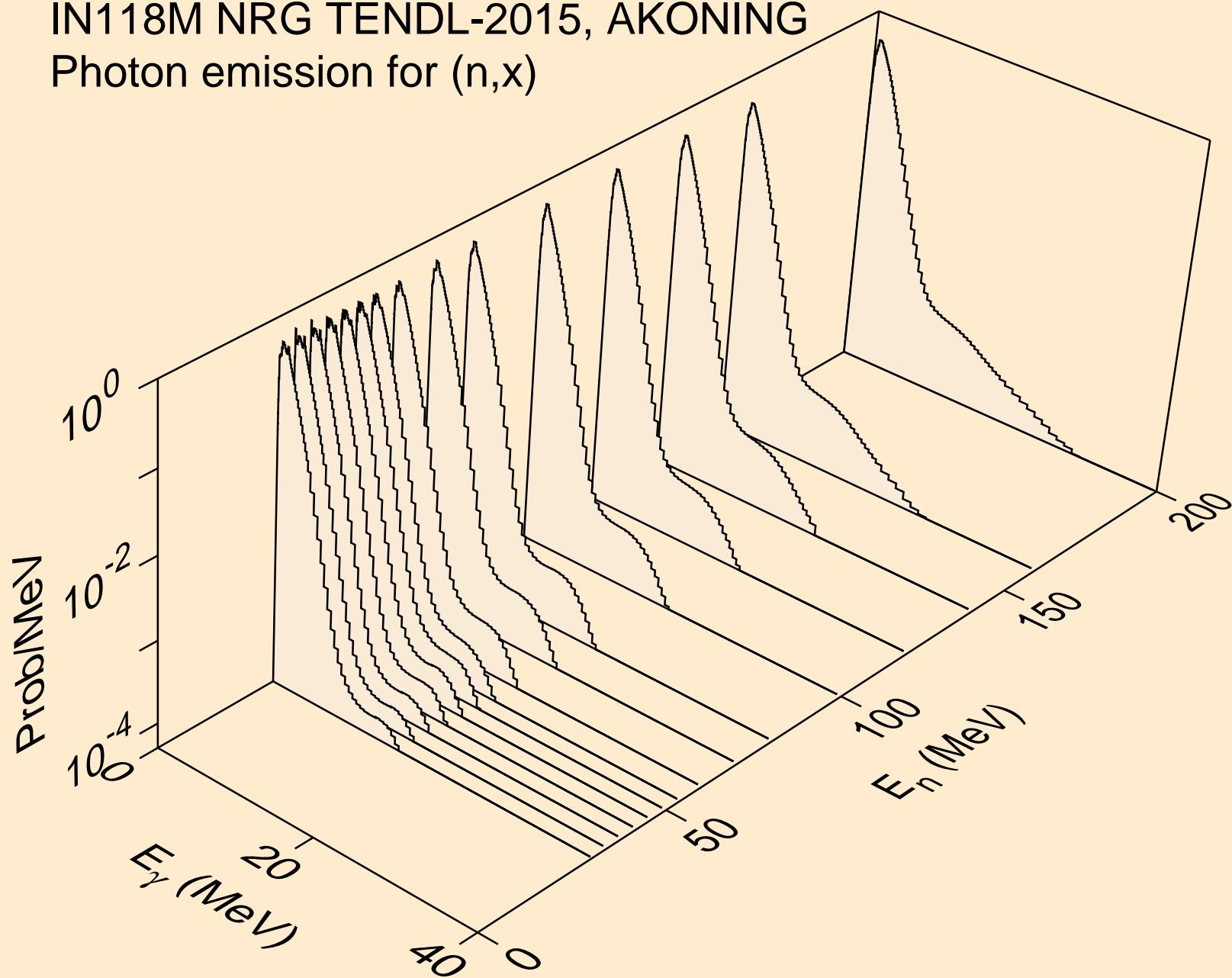
IN118M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



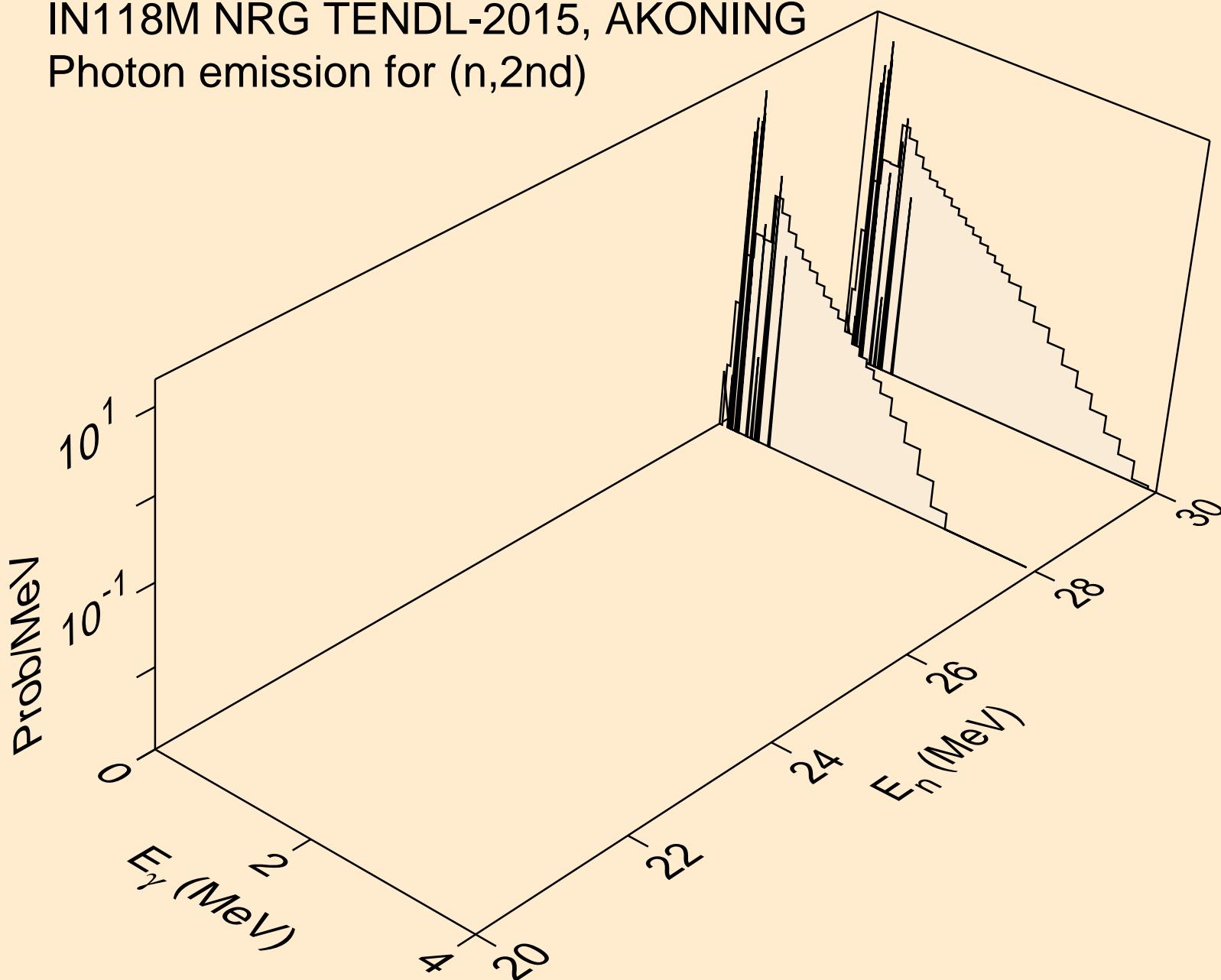
IN118M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



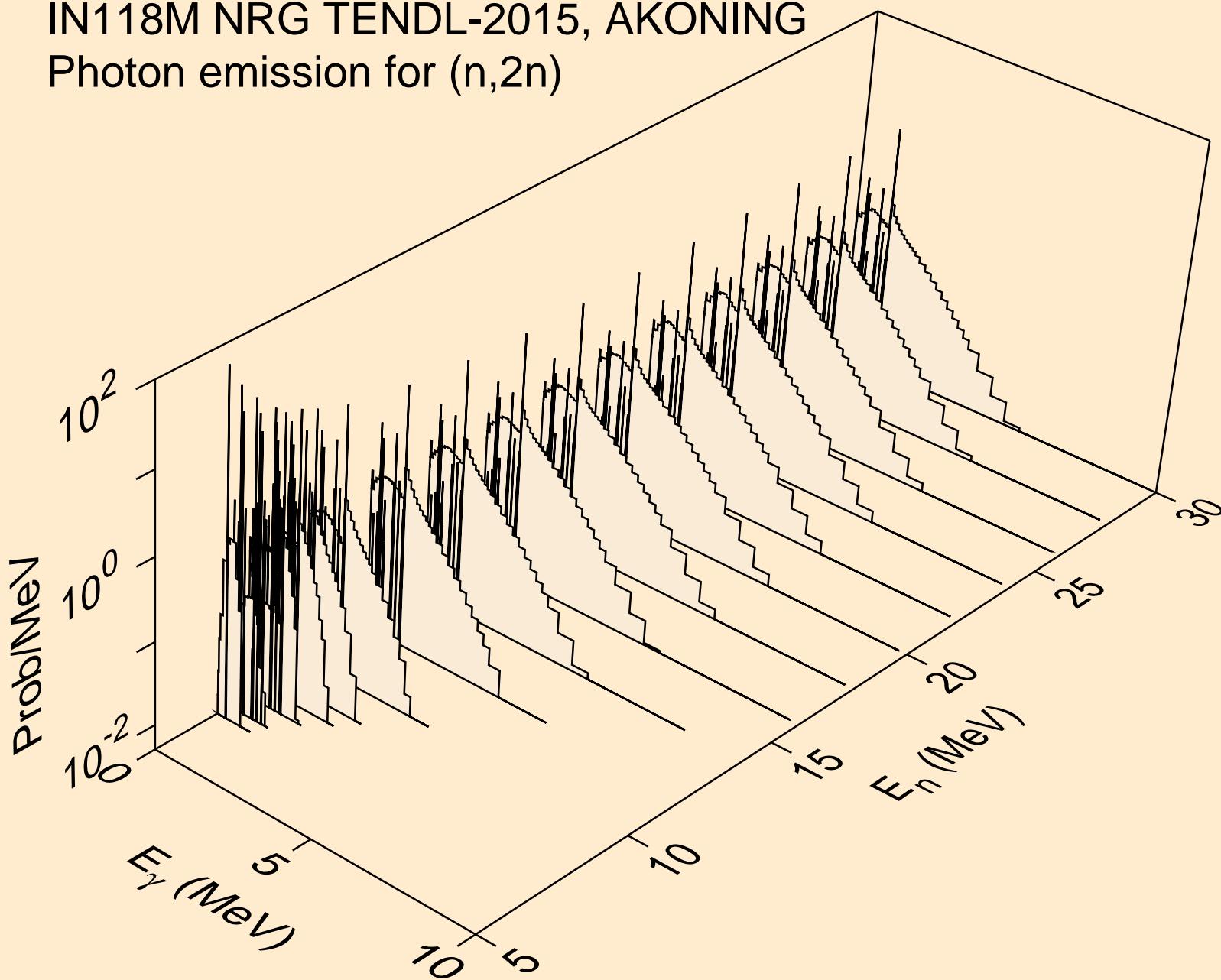
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



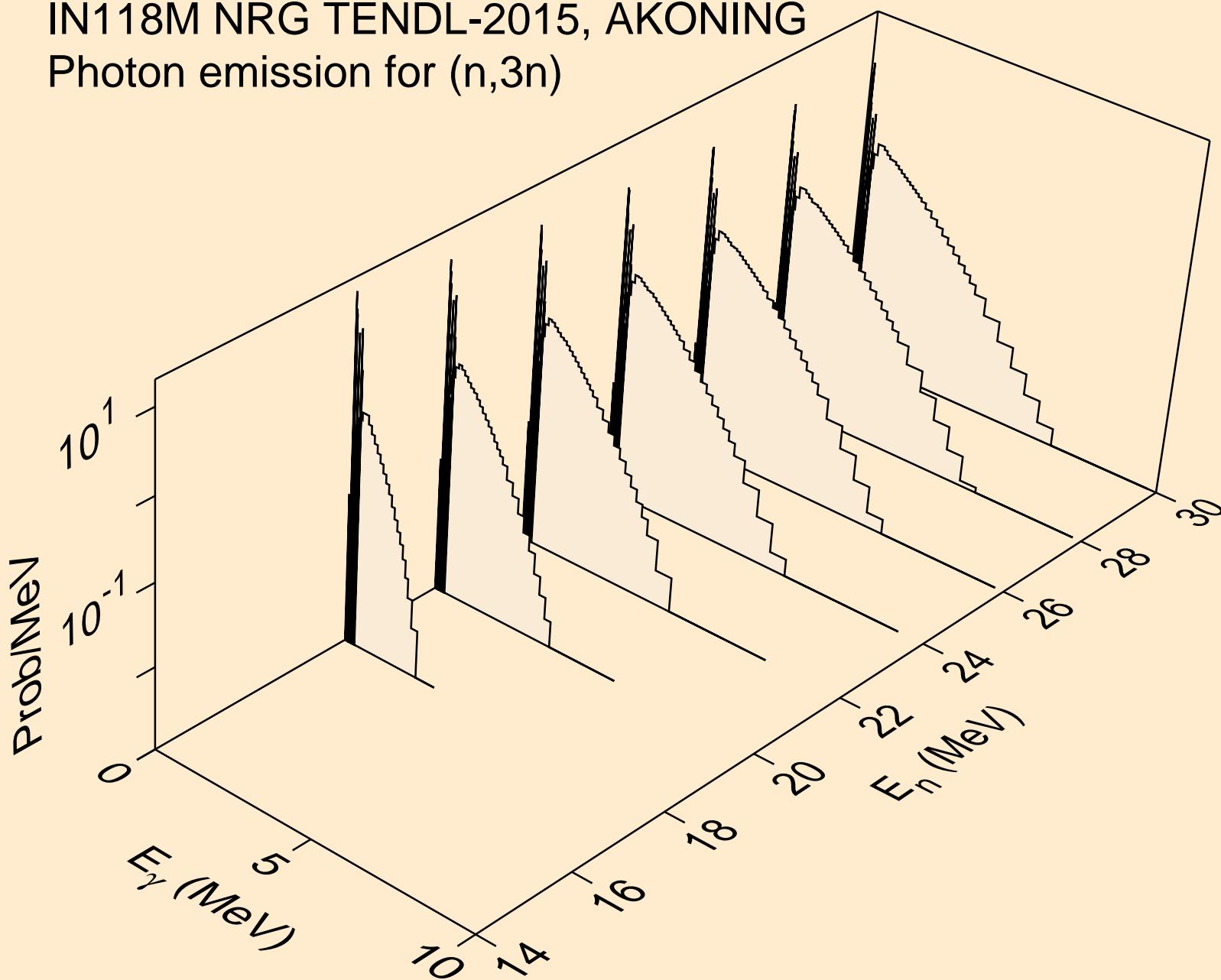
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



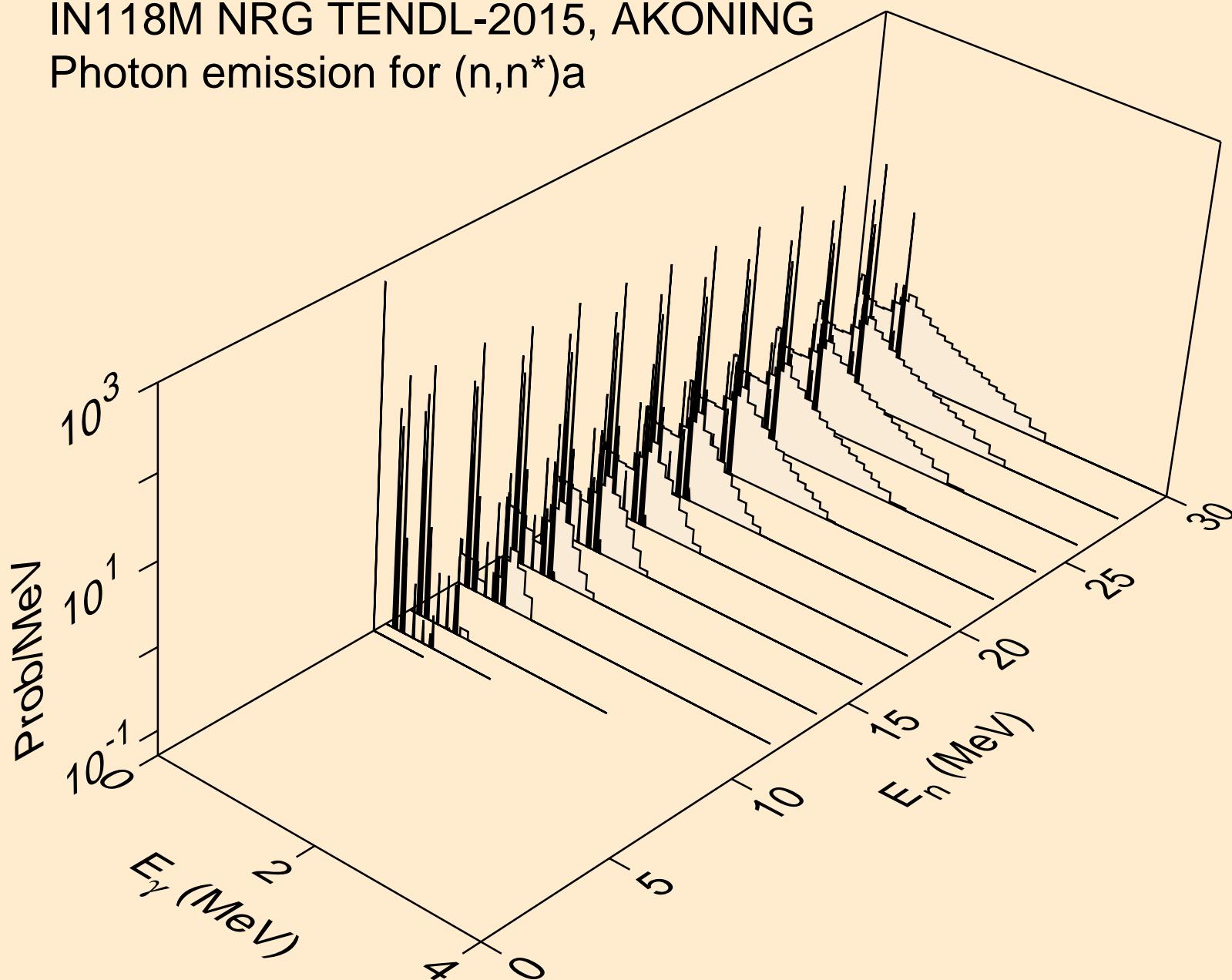
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



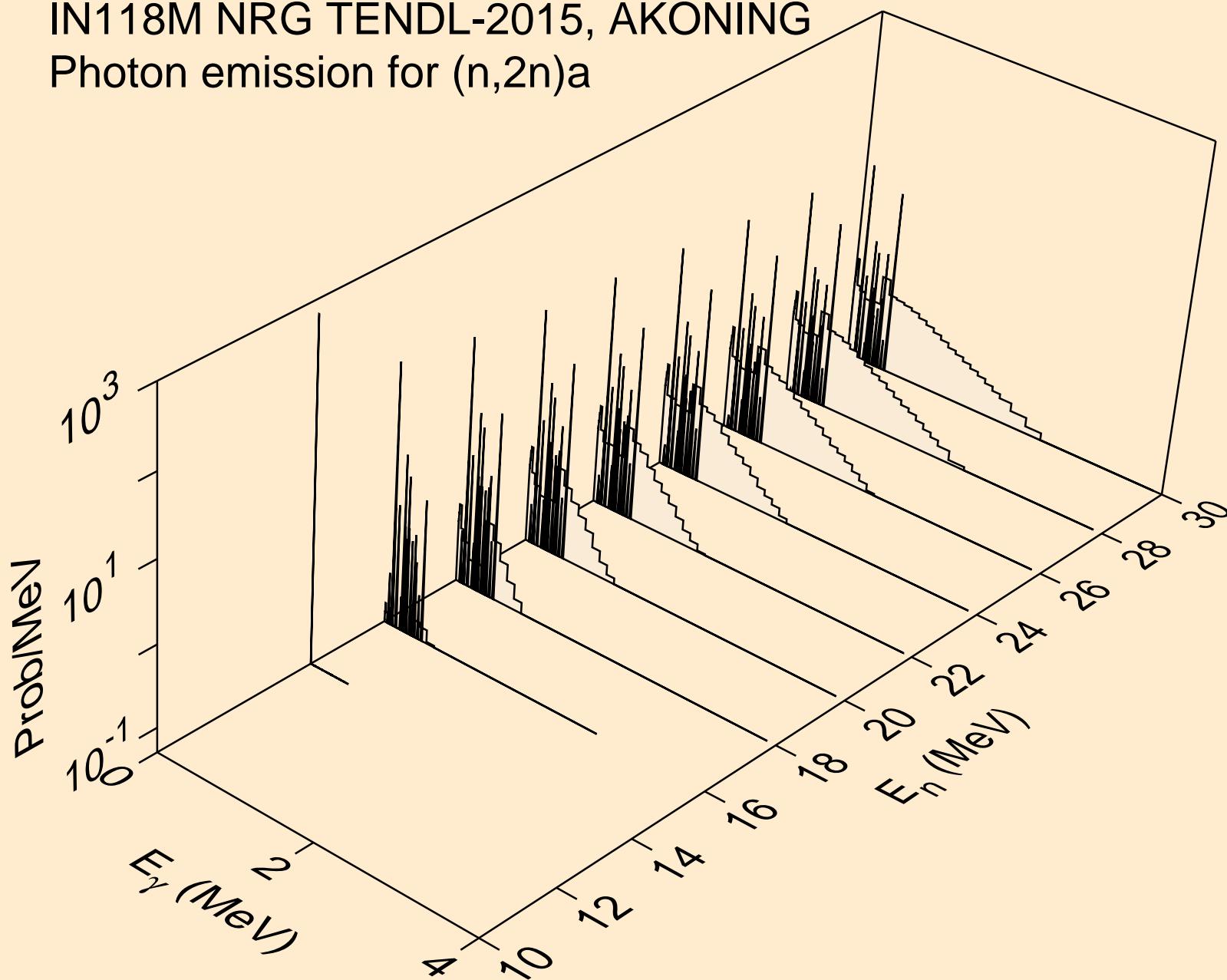
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



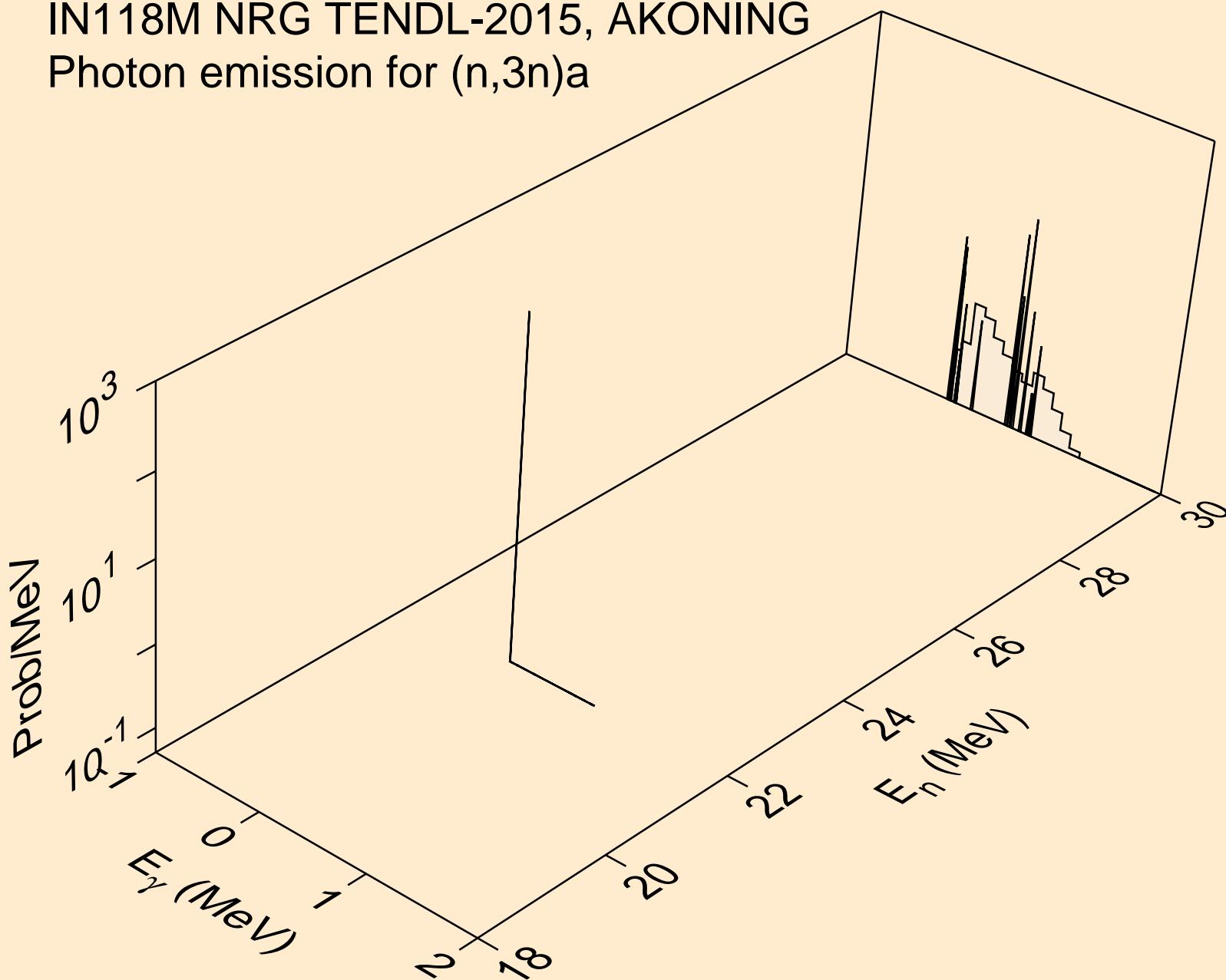
IN118M NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



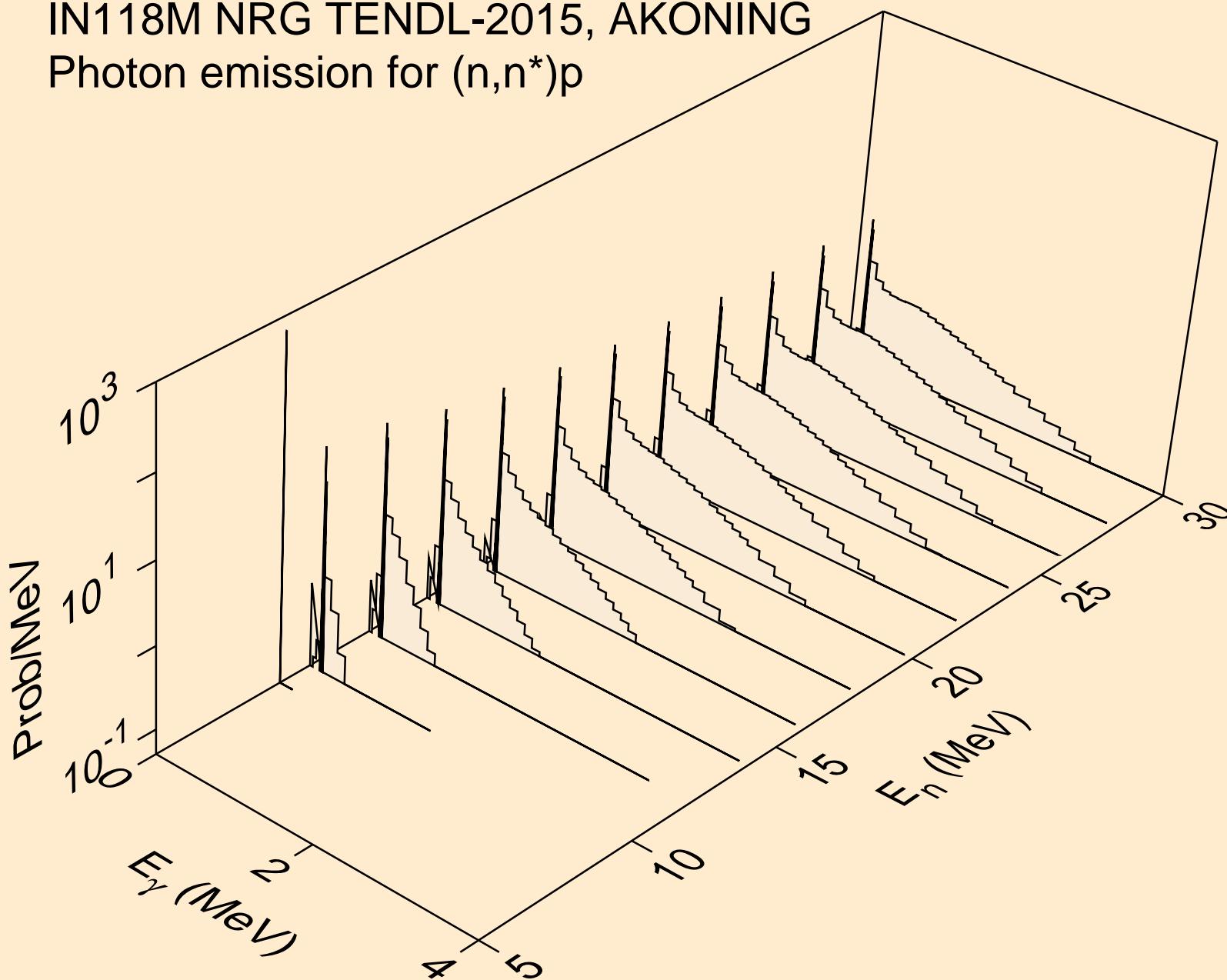
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



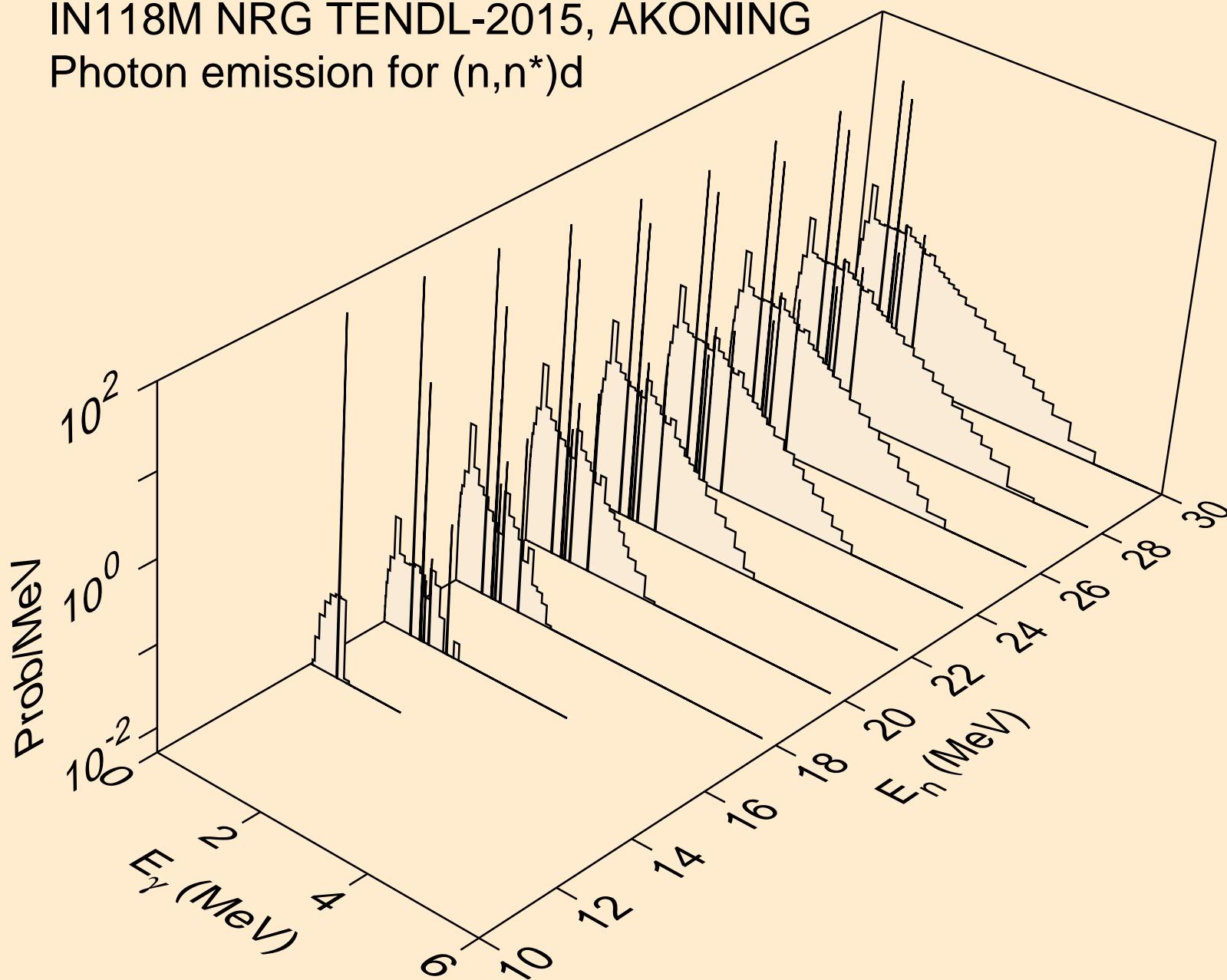
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



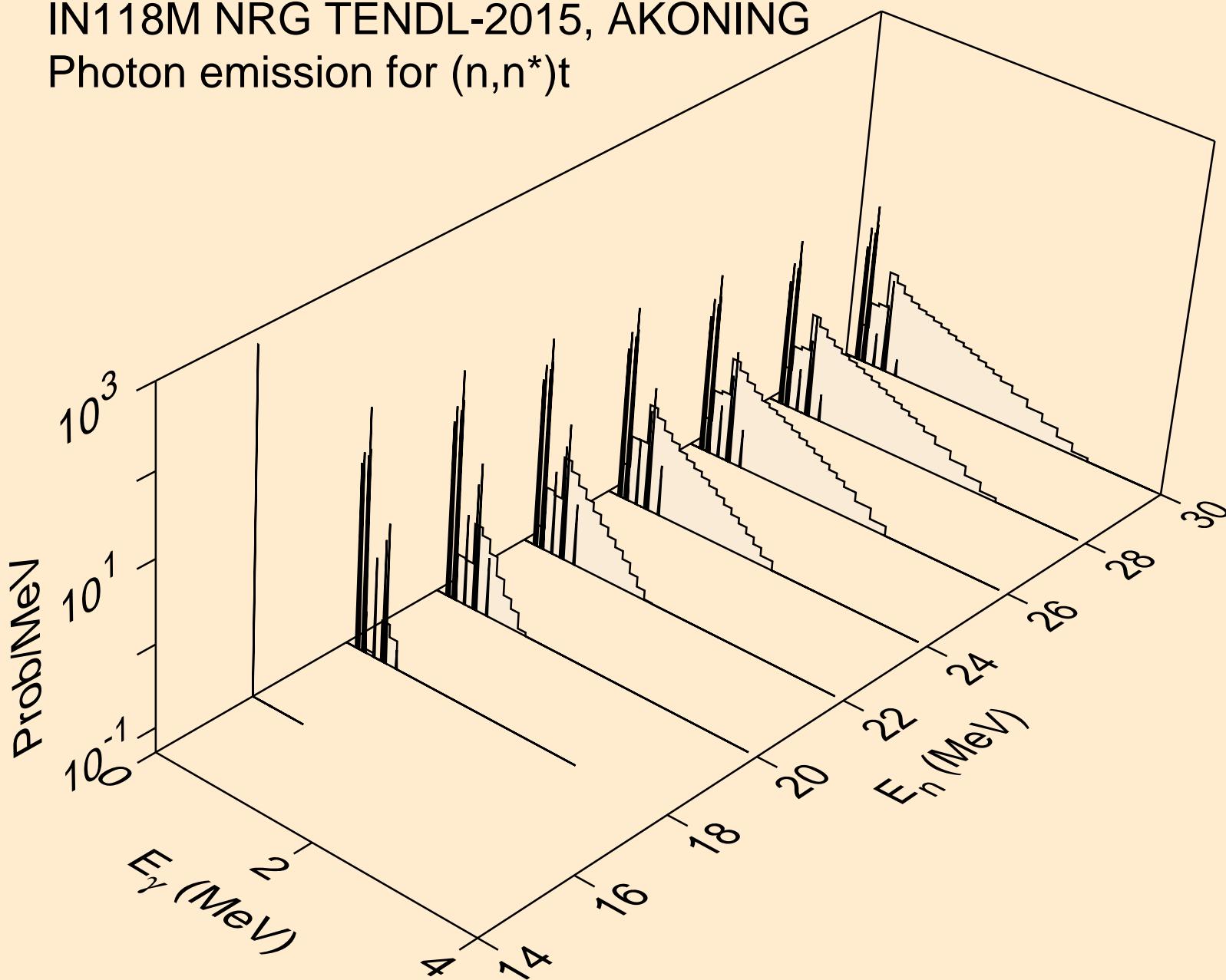
IN118M NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



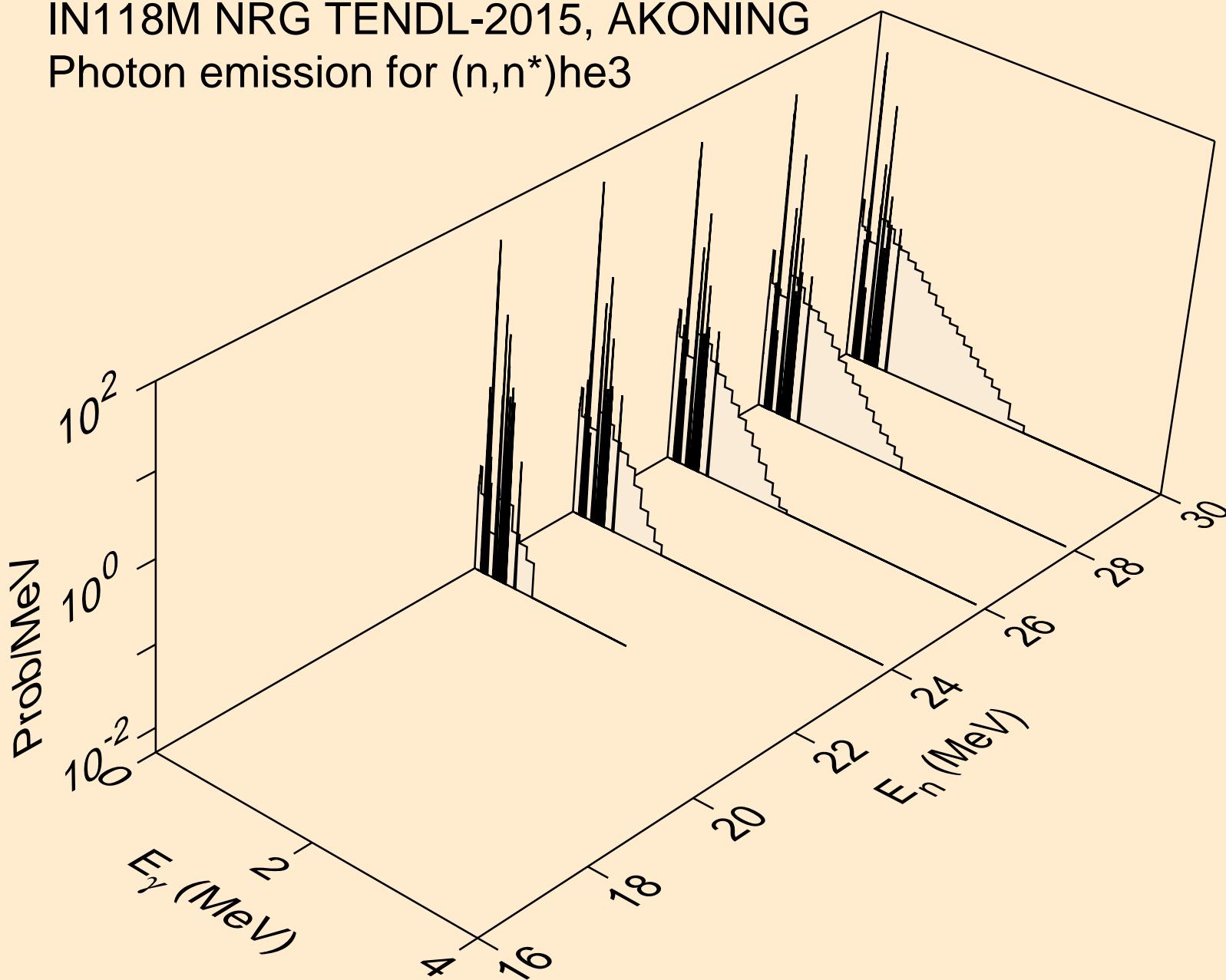
IN118M NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



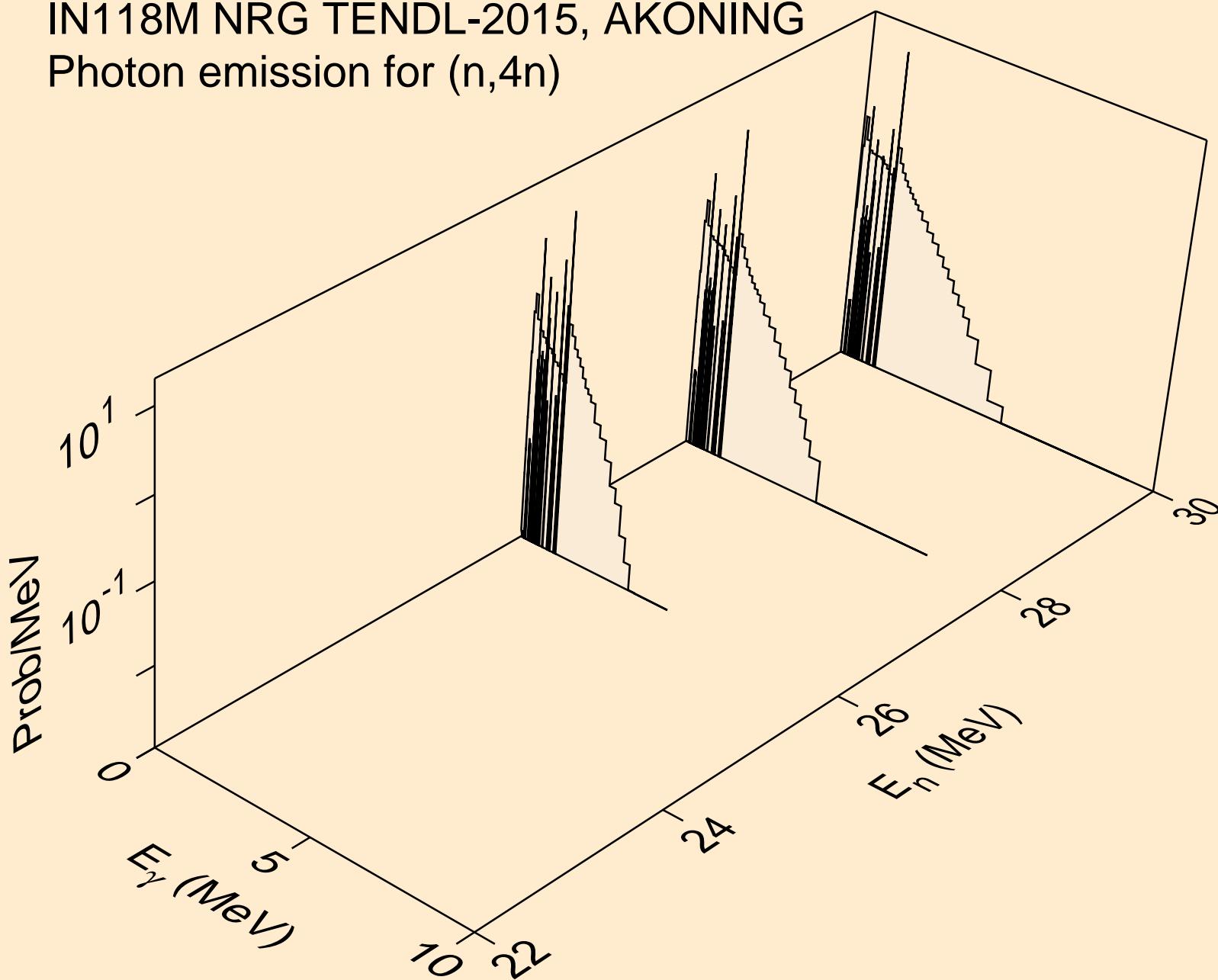
IN118M NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



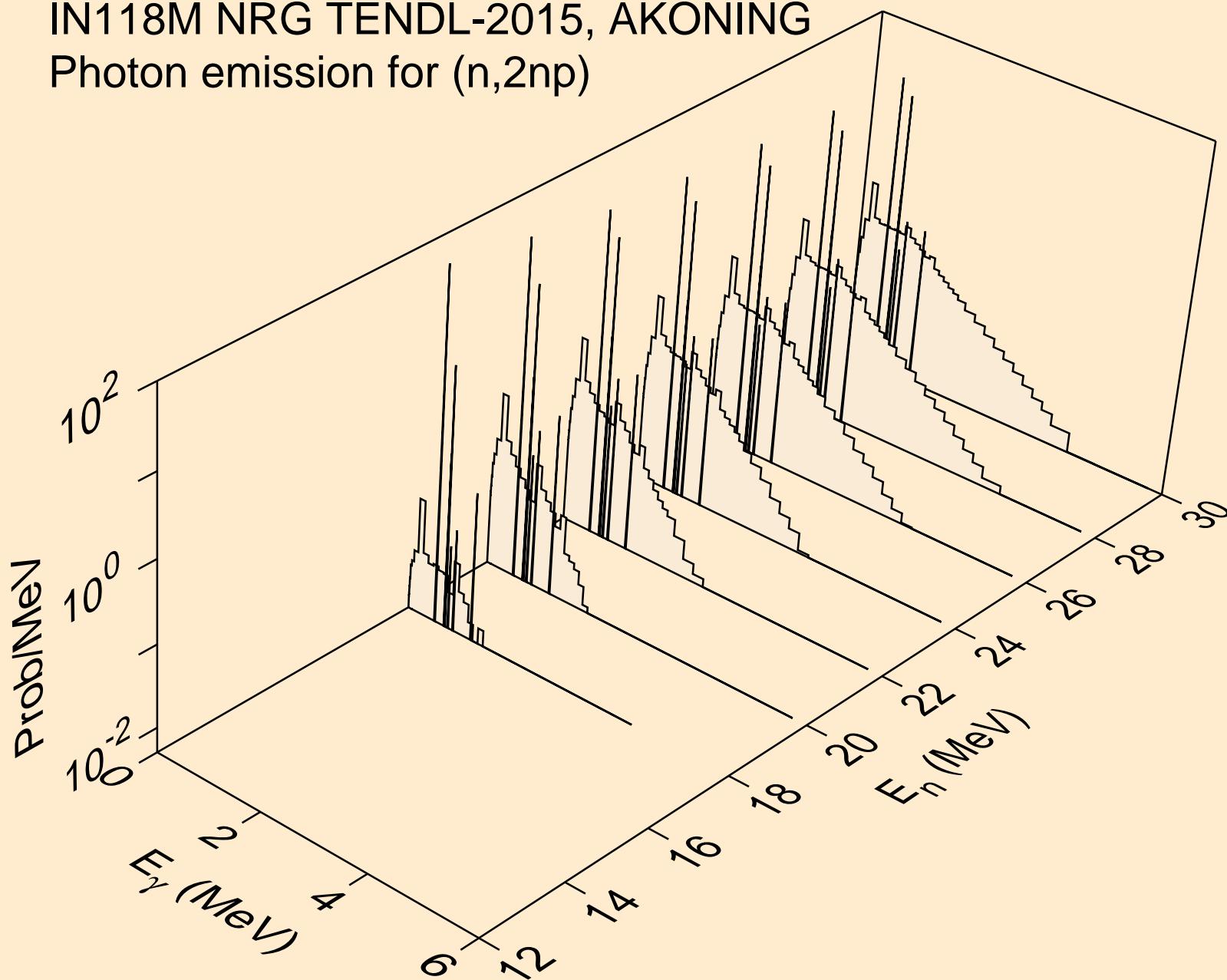
IN118M NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



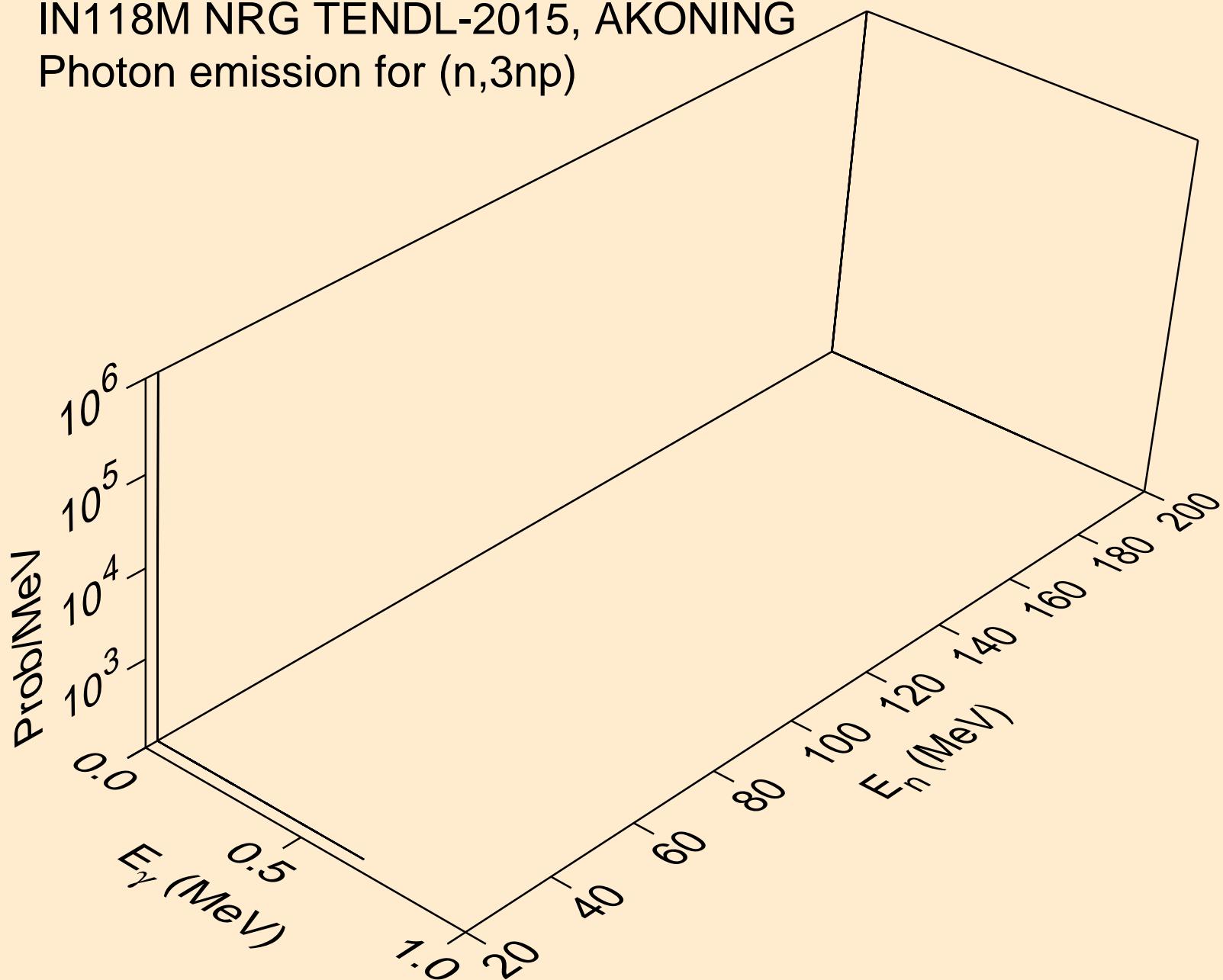
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Photon emission for (n,4n)



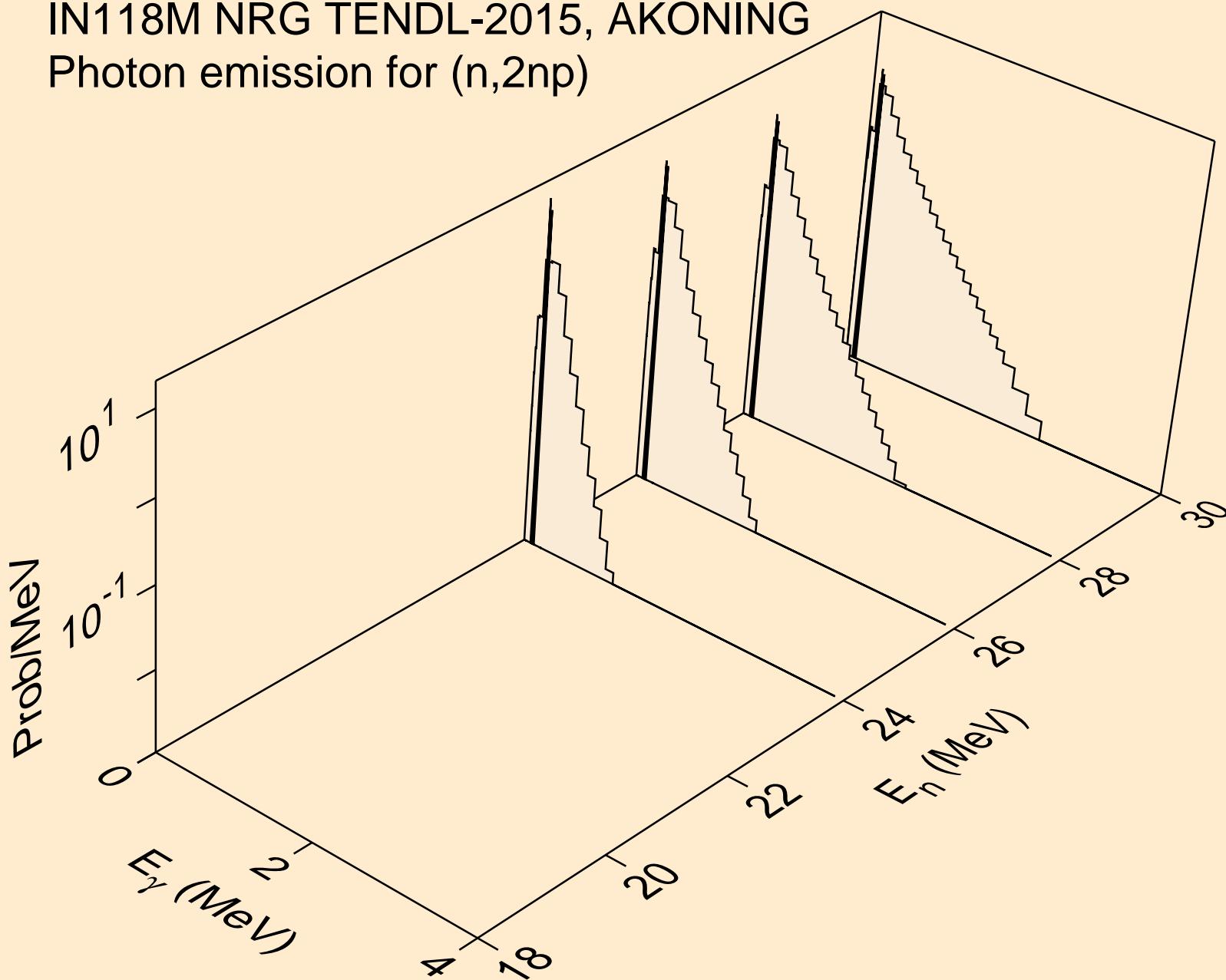
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



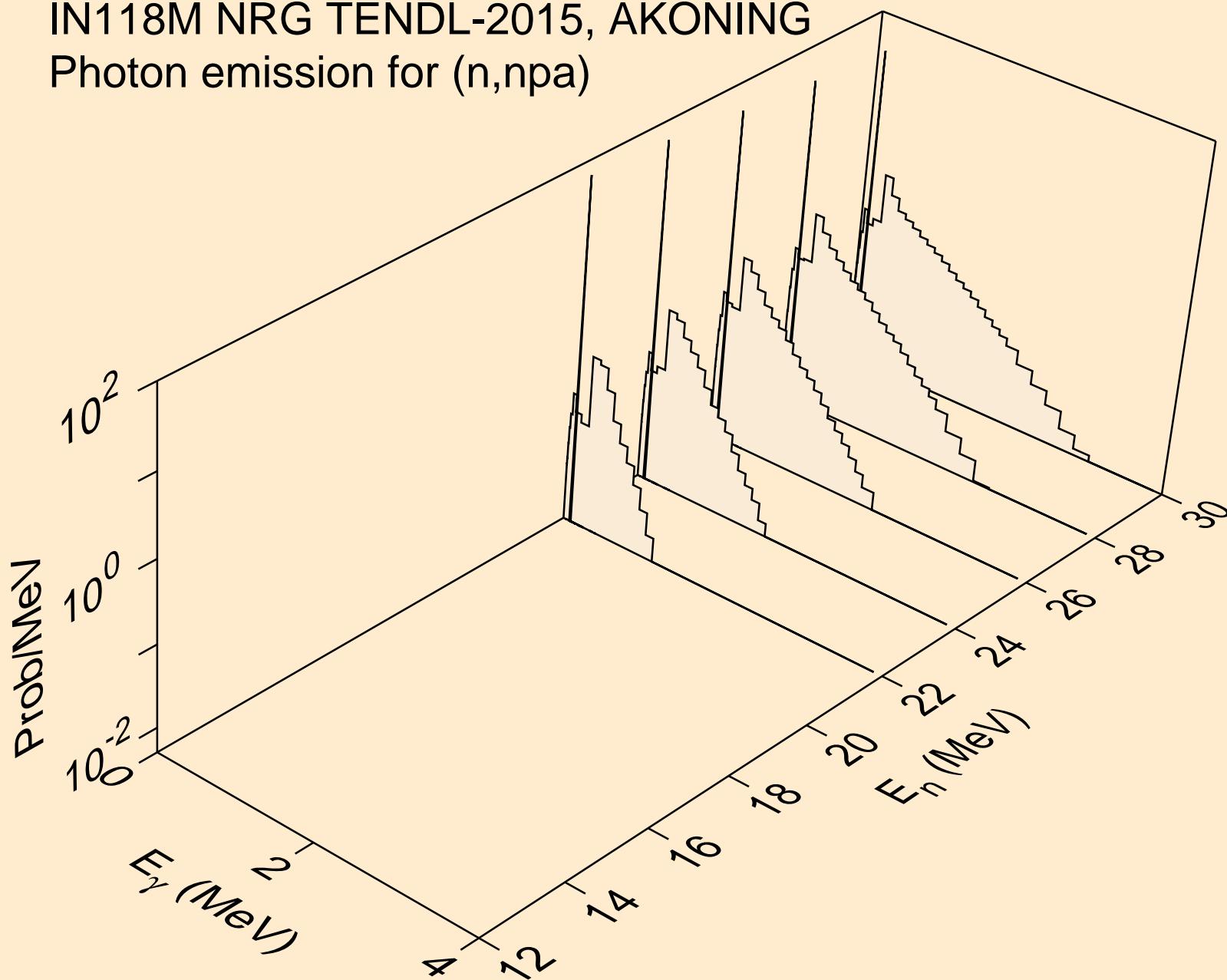
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



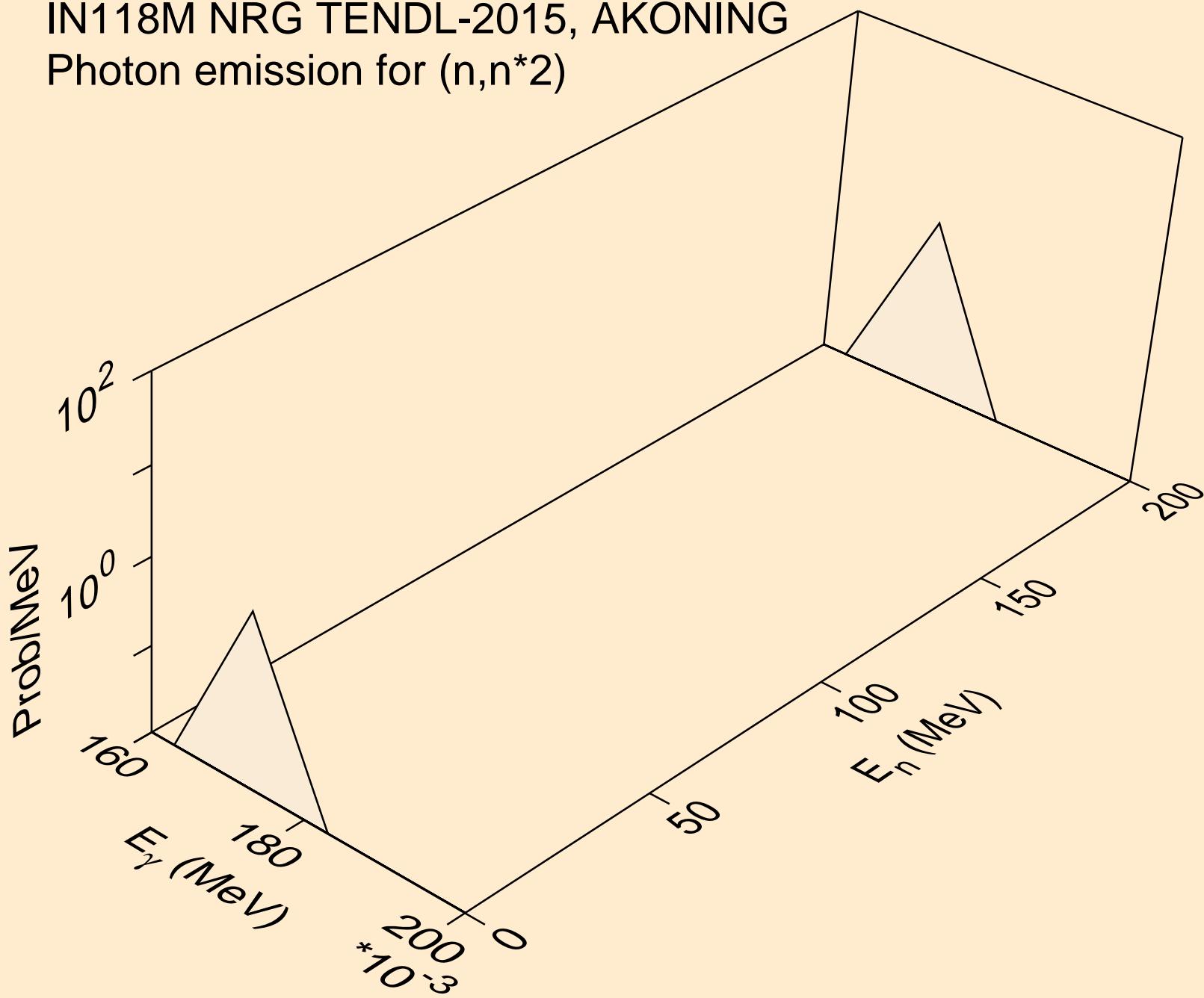
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



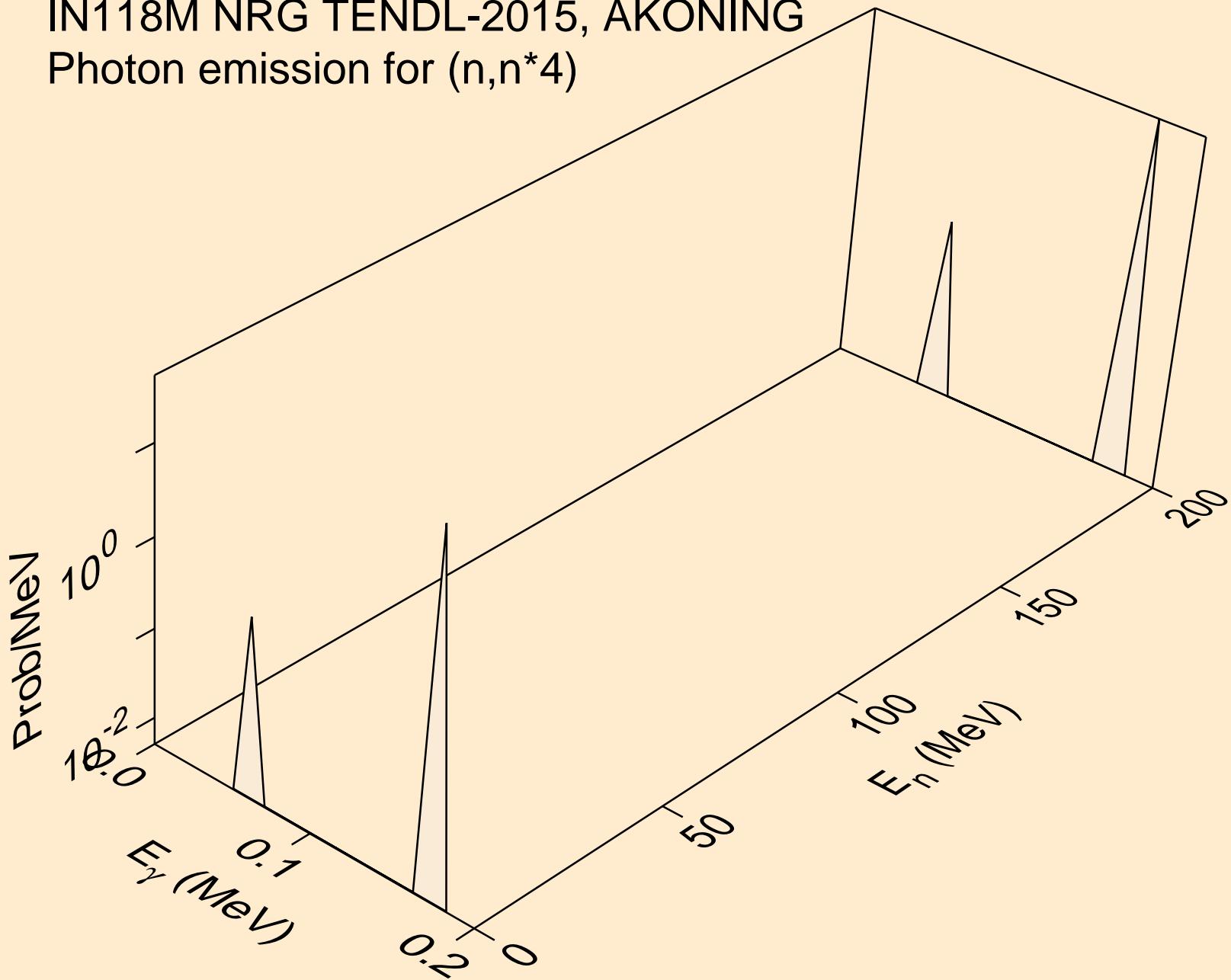
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



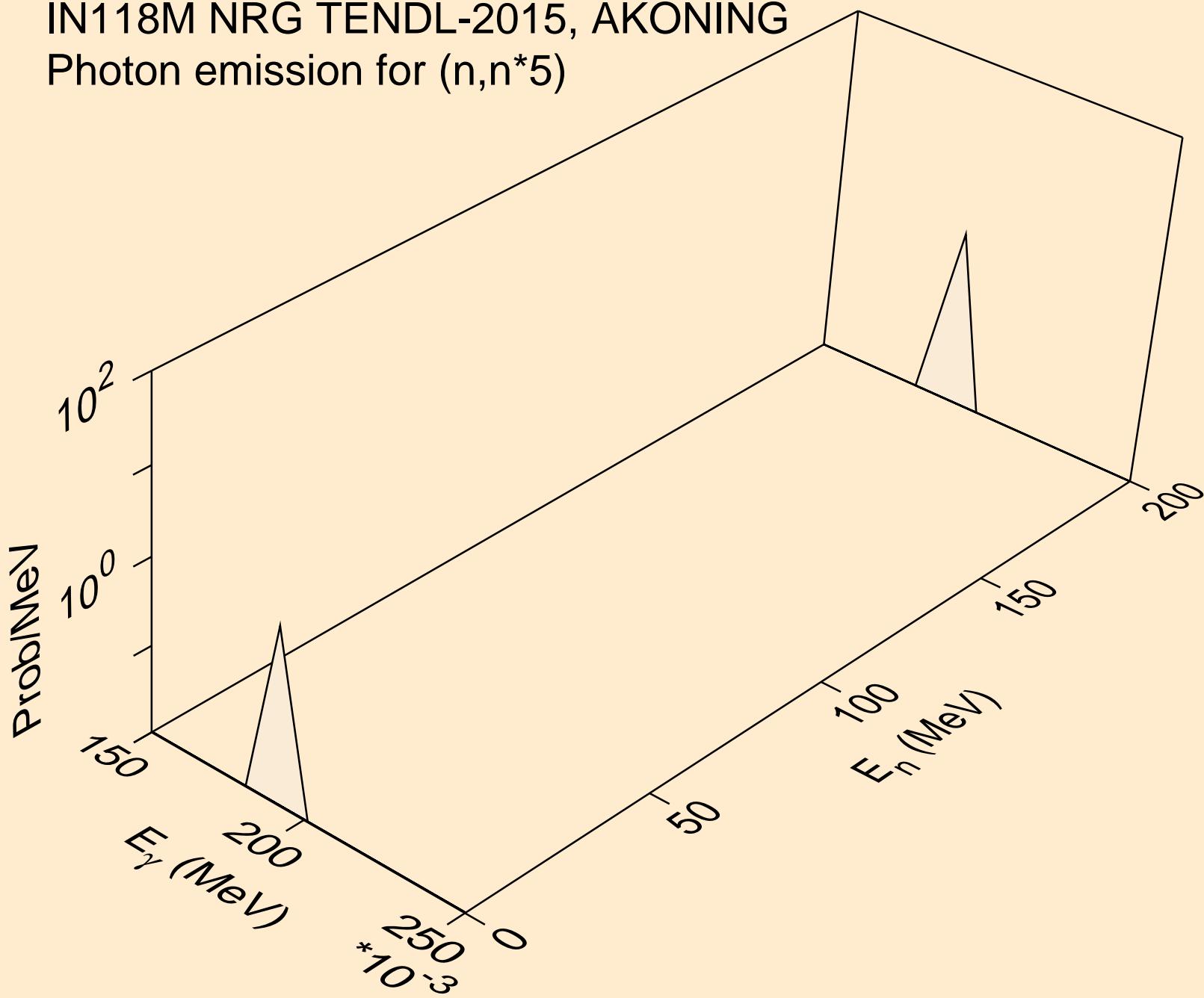
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



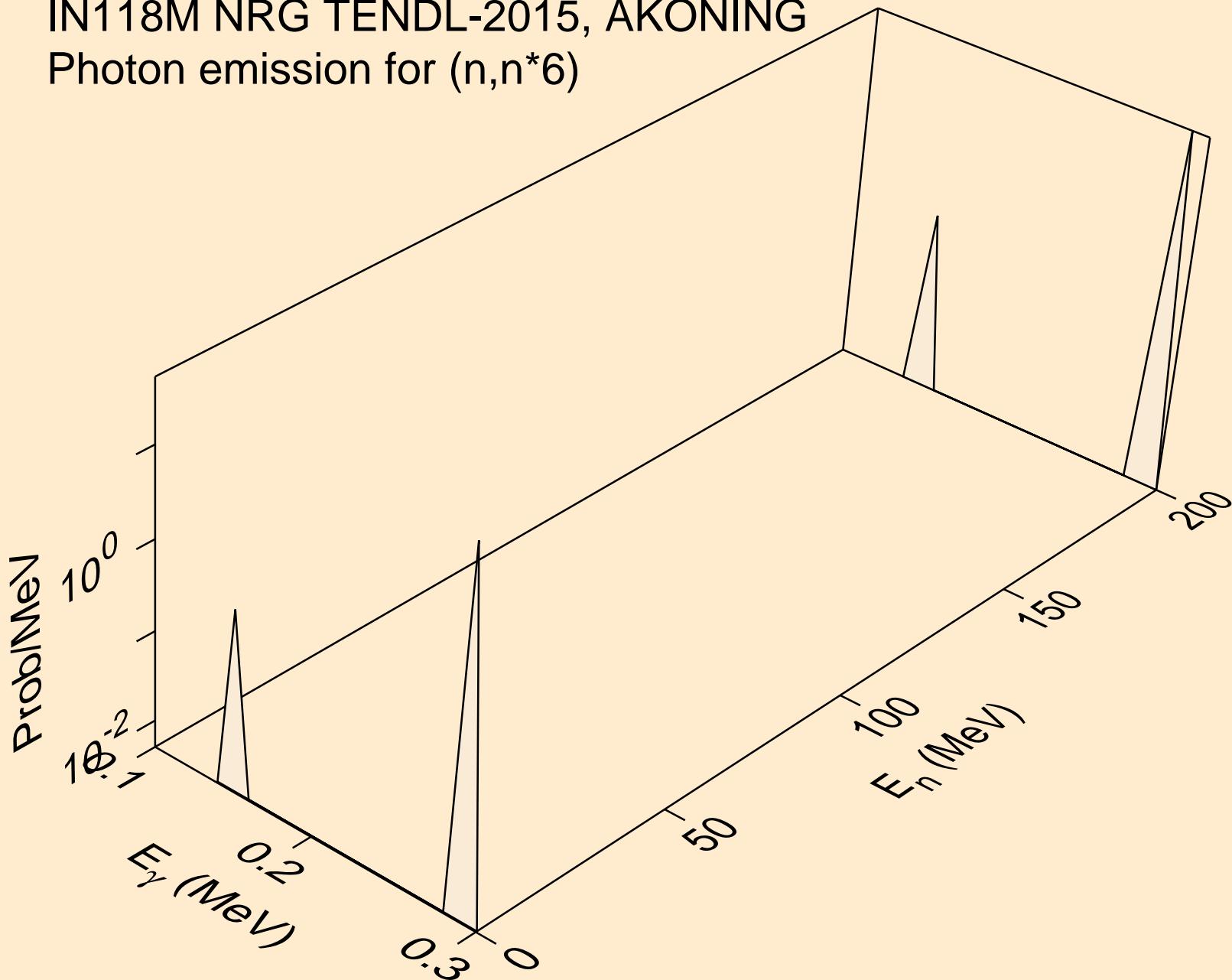
IN118M NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^* 4$ )



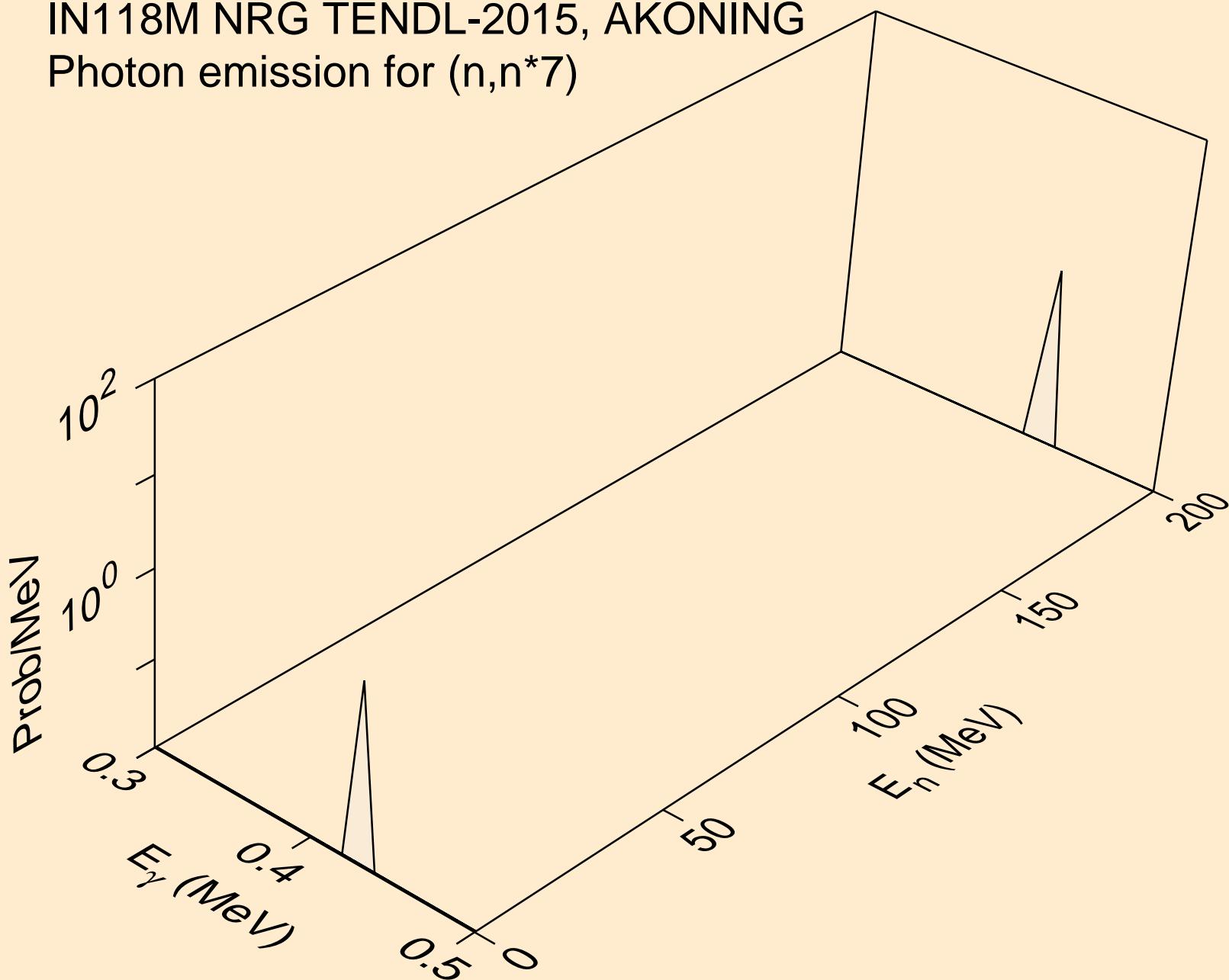
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



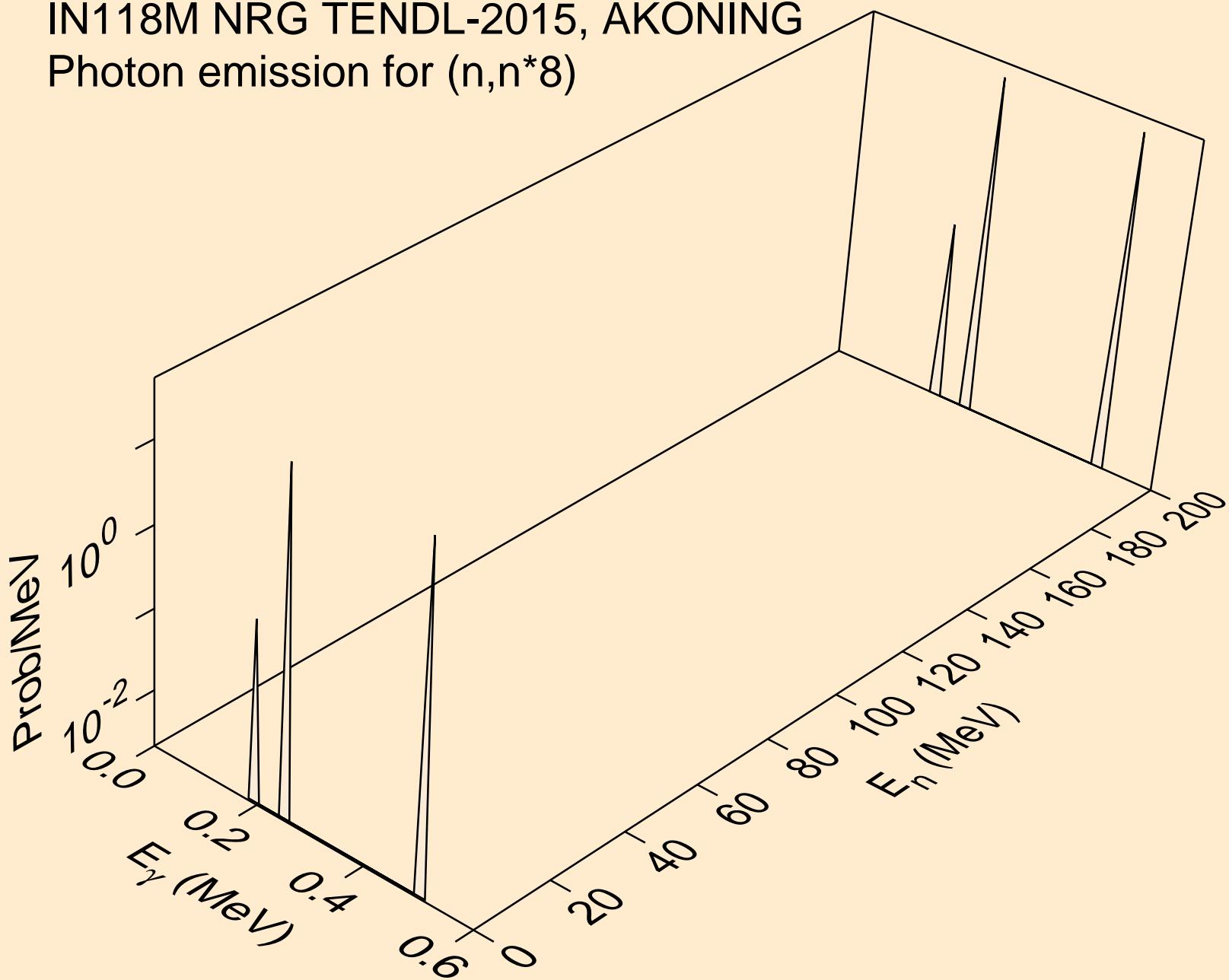
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)



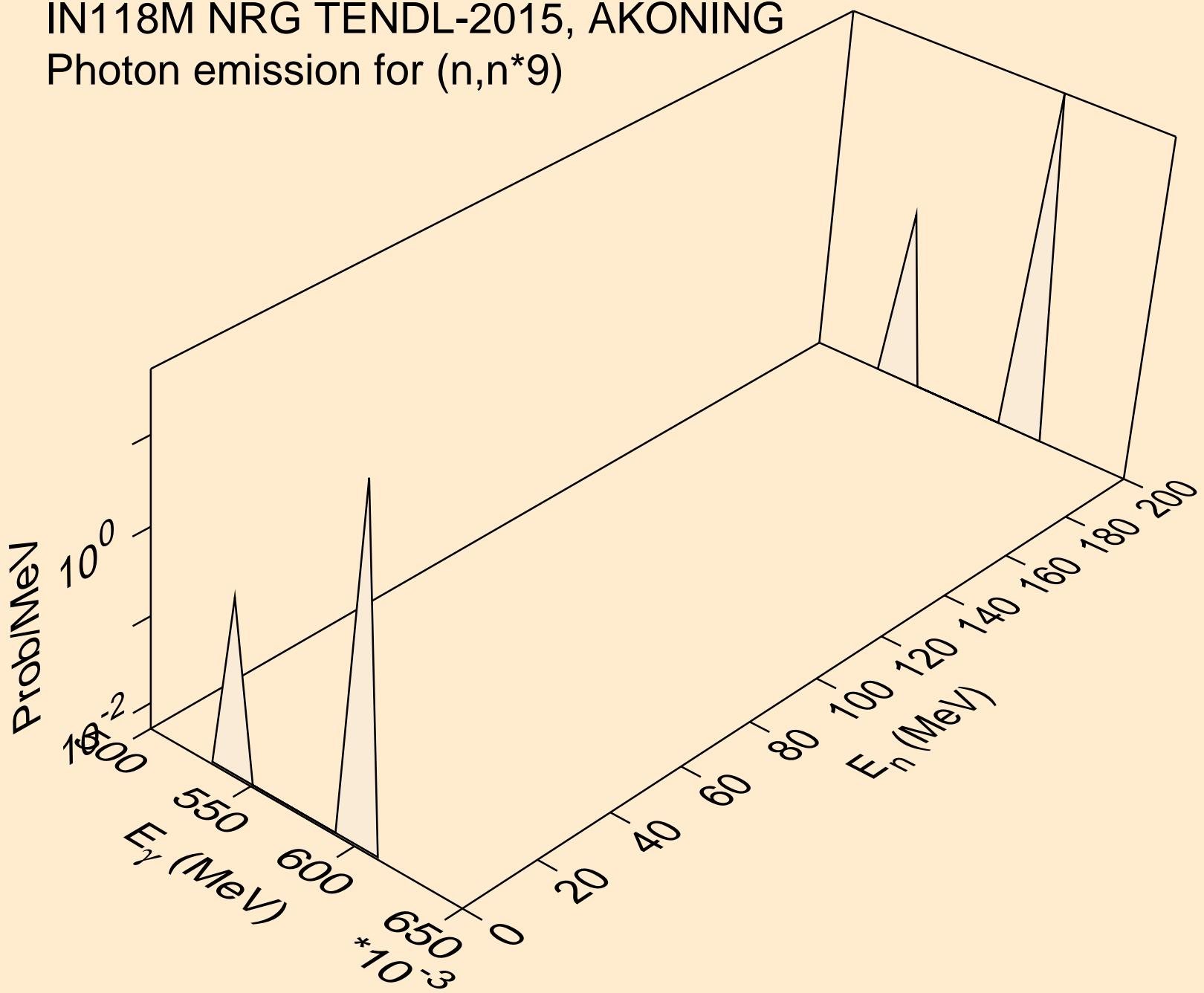
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



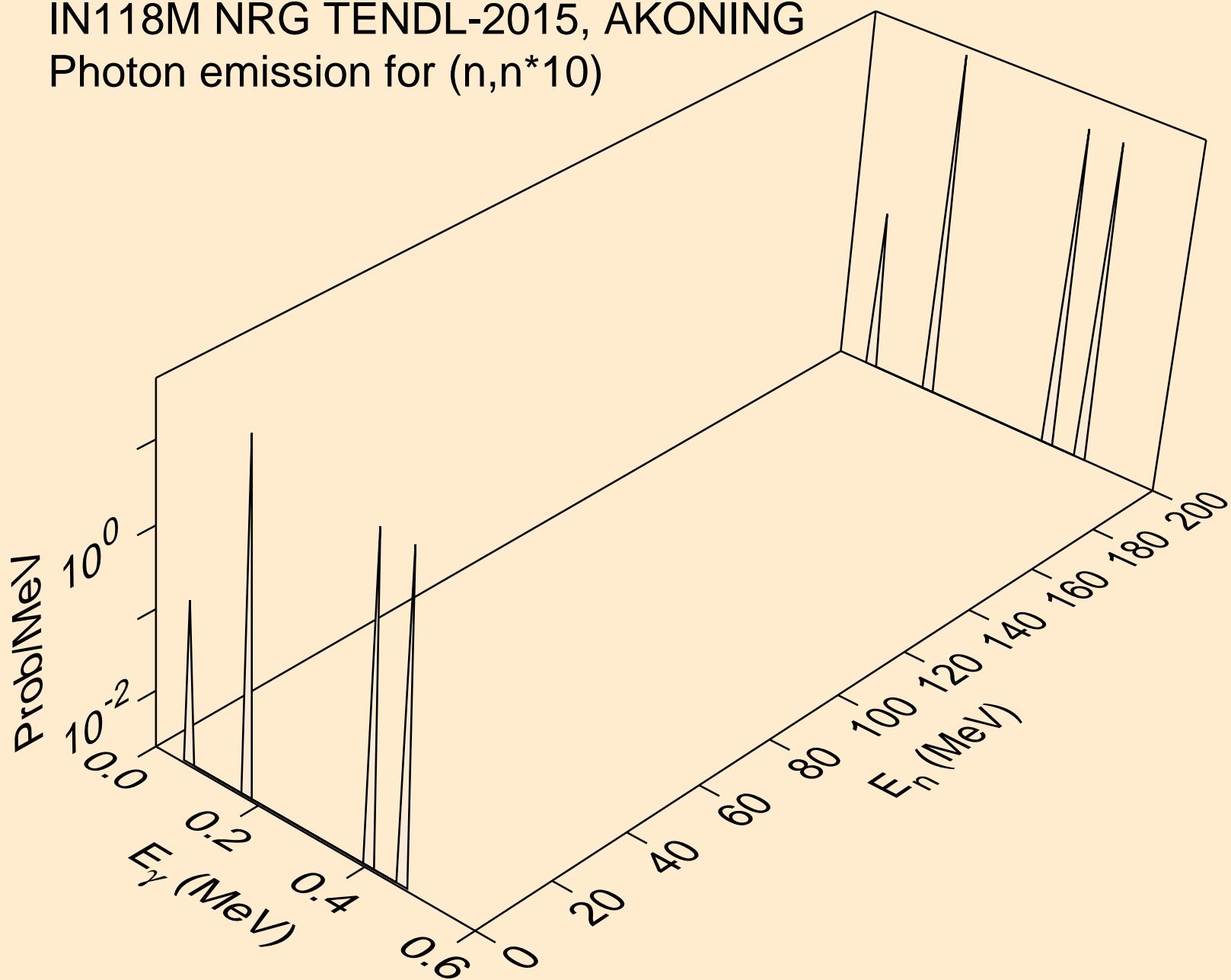
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)



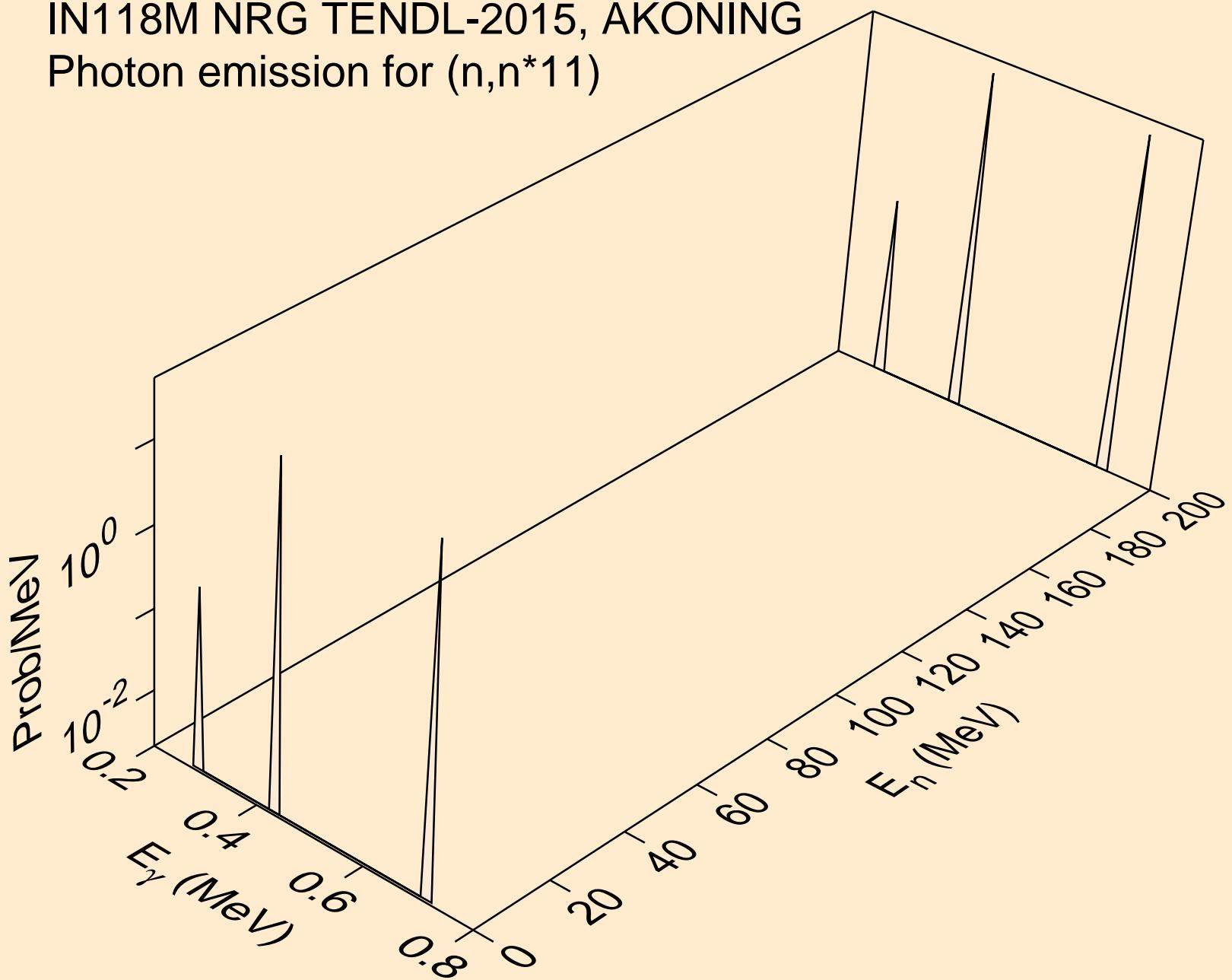
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)



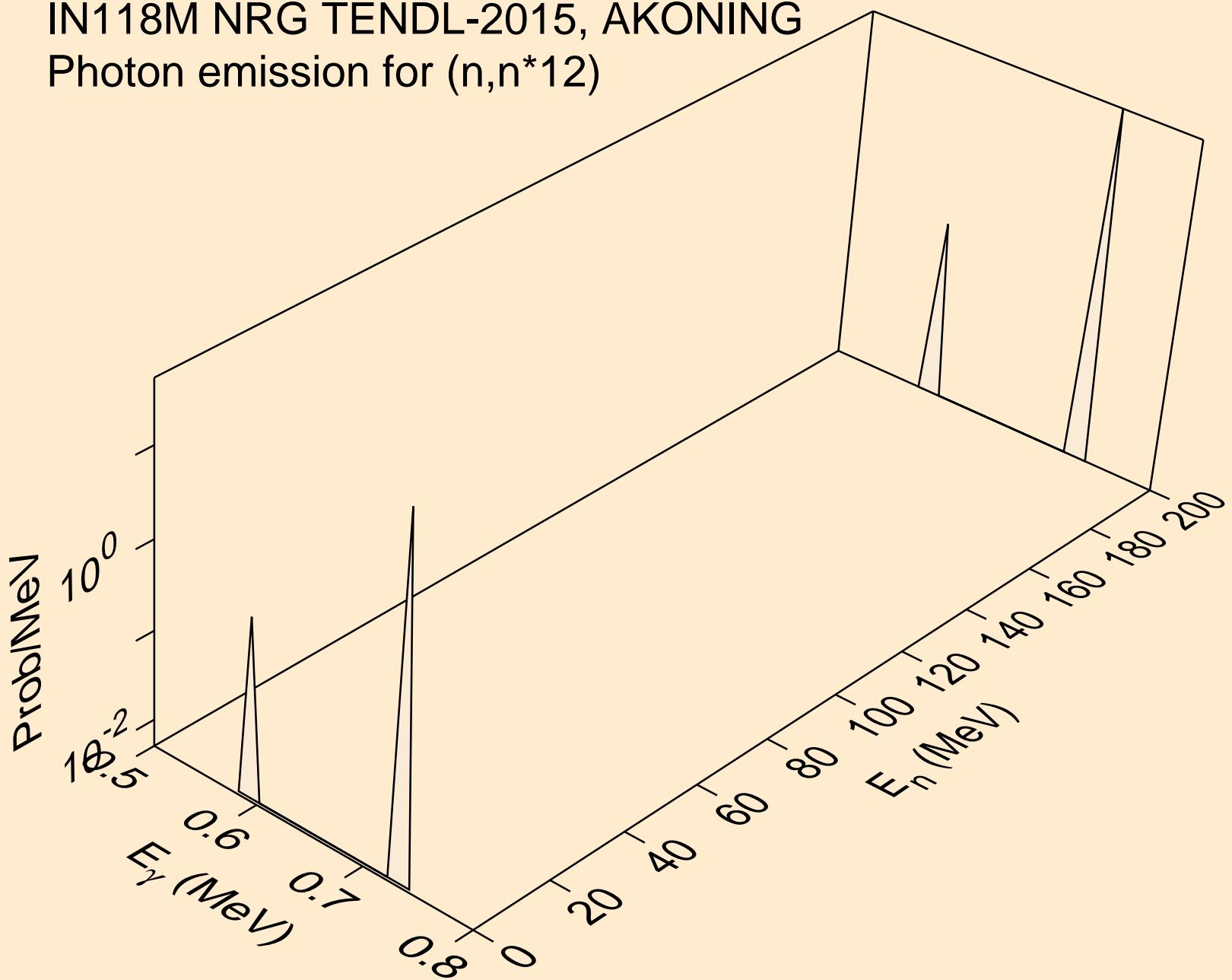
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)



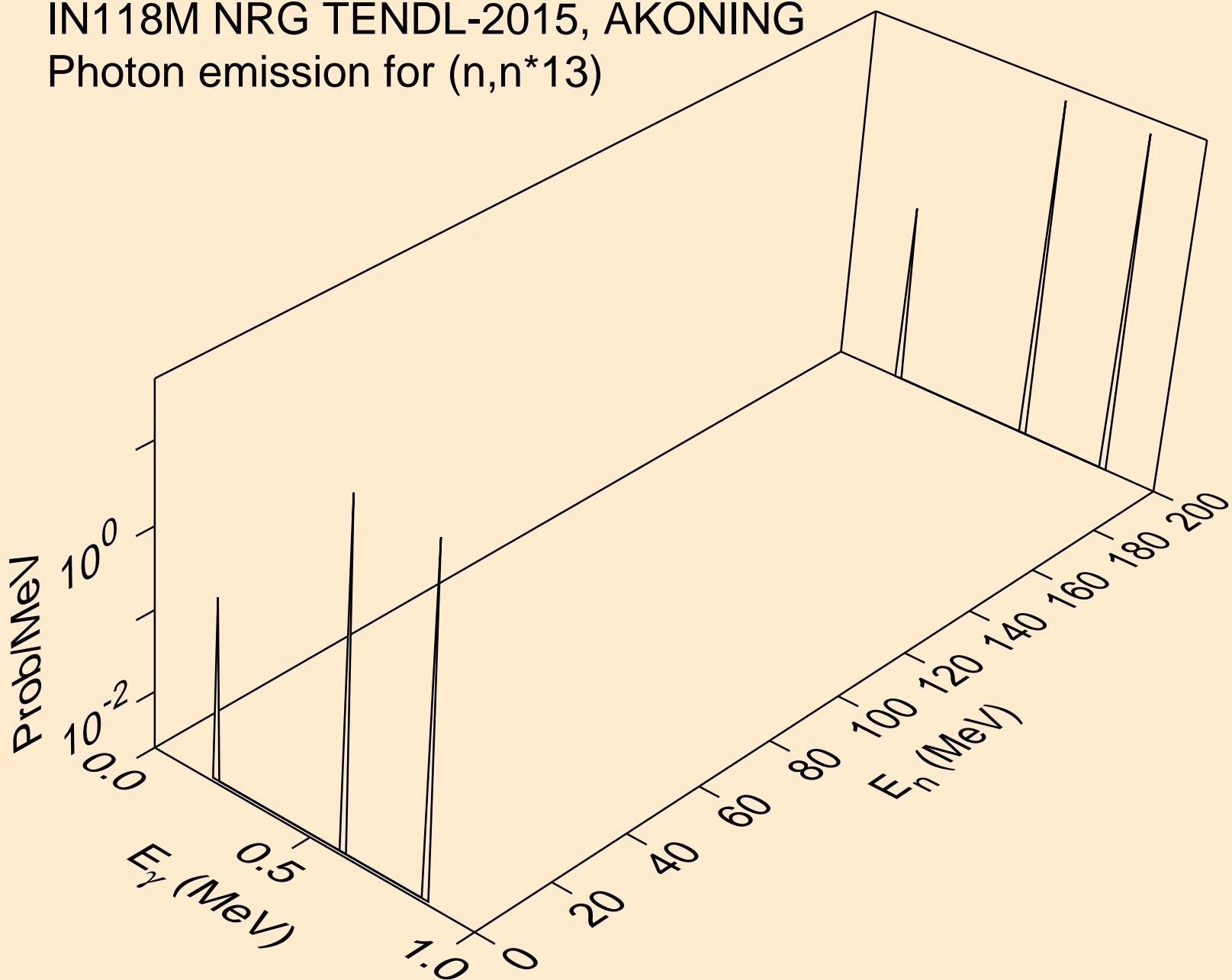
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)



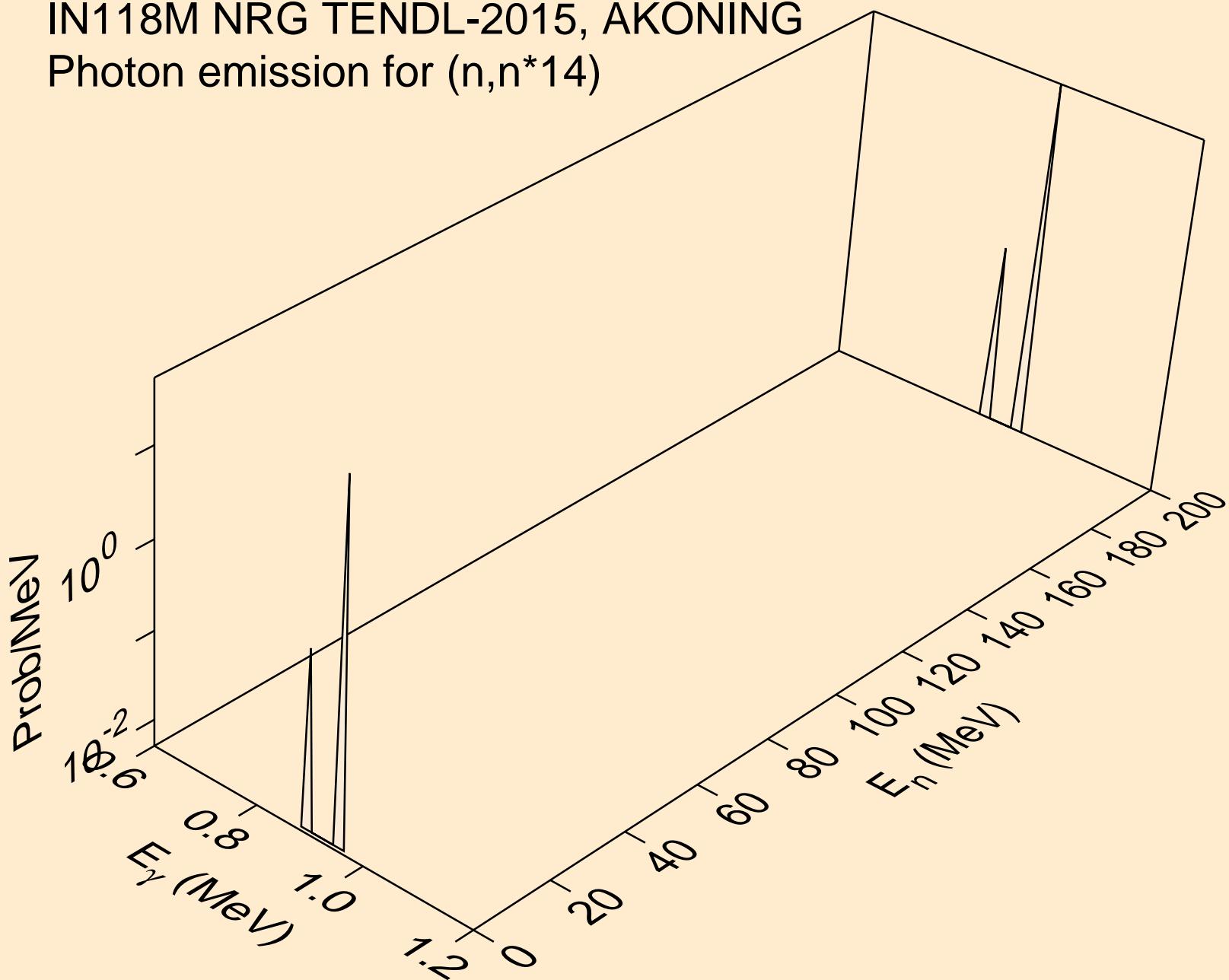
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*12)



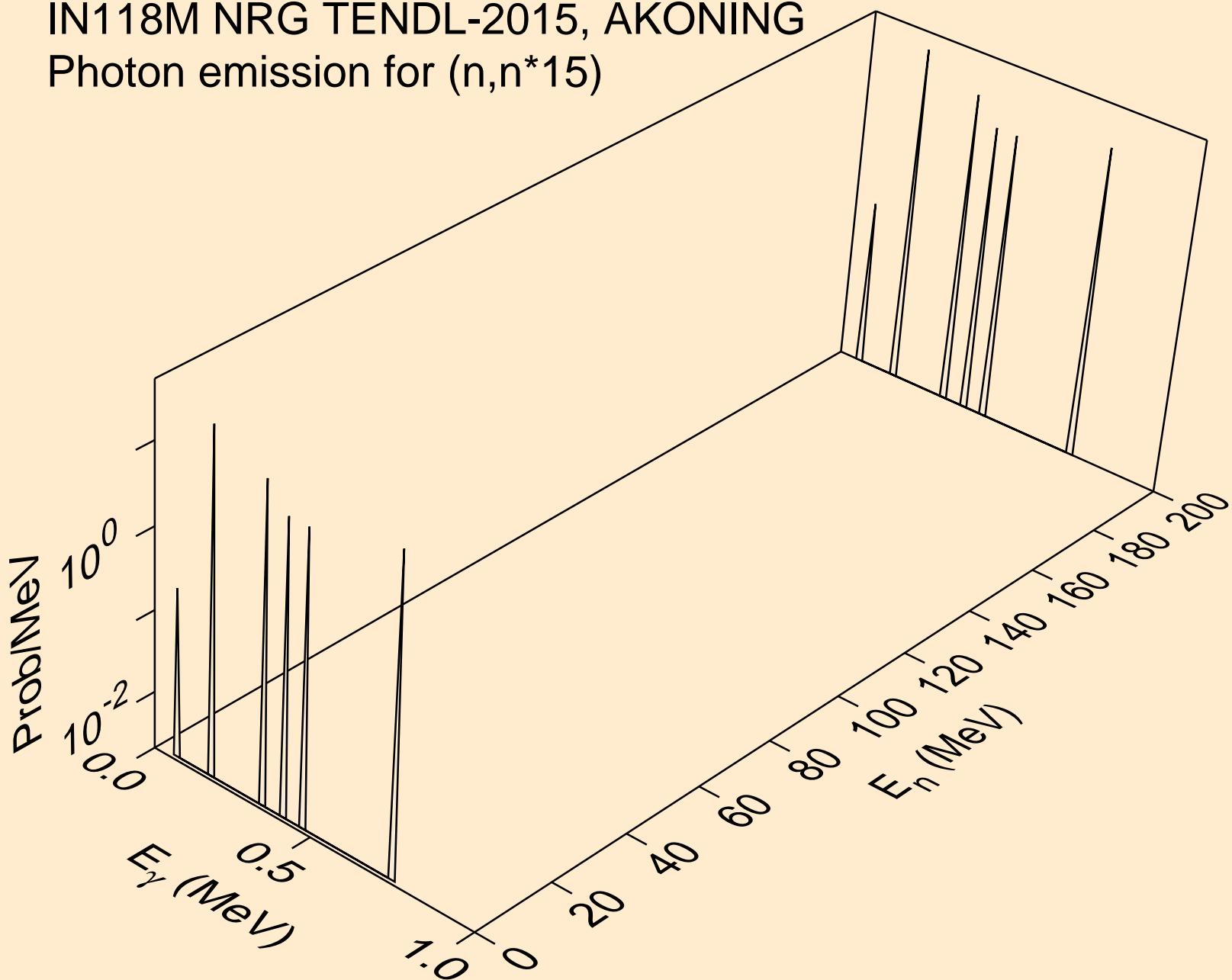
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)



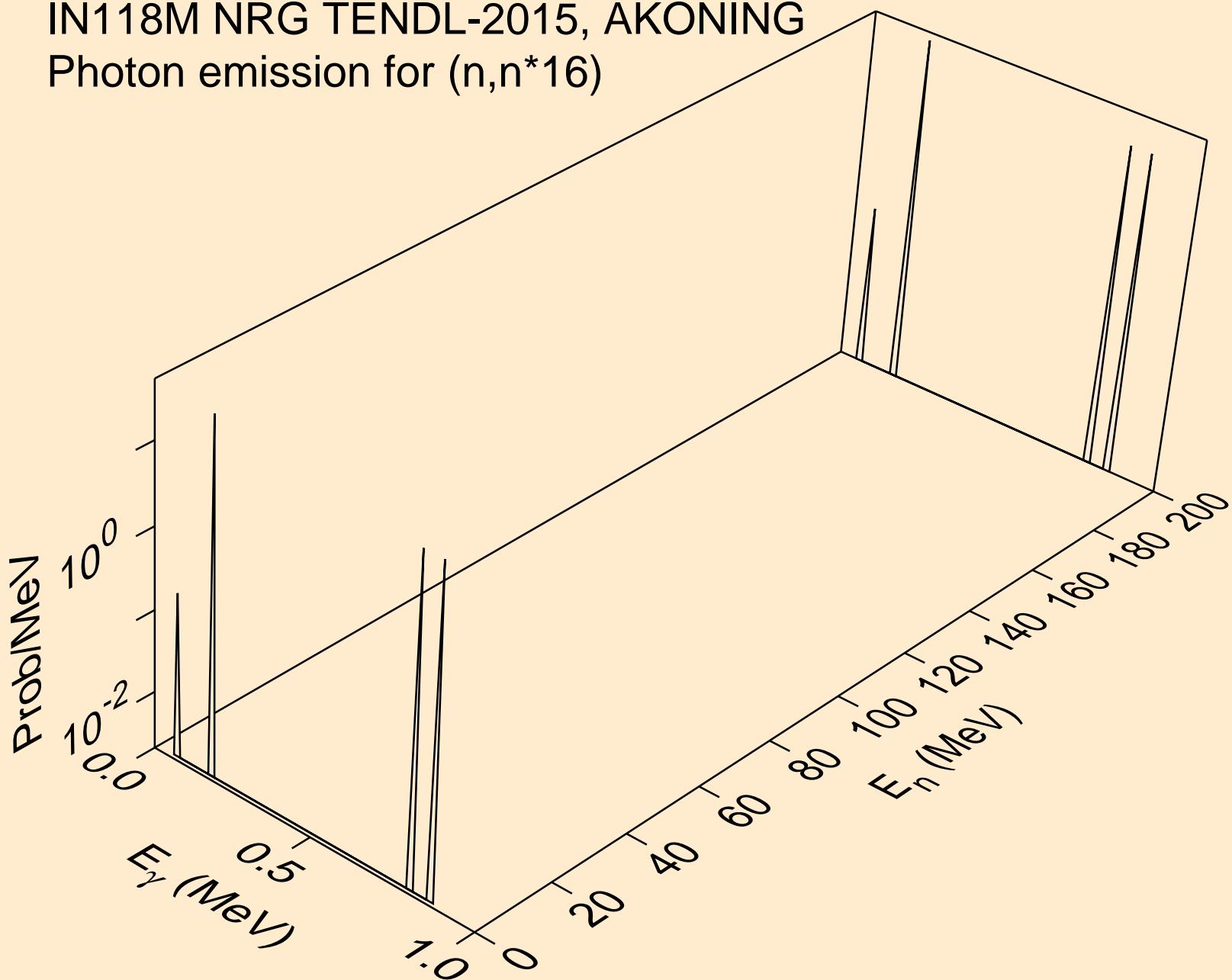
IN118M NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^* 14$ )



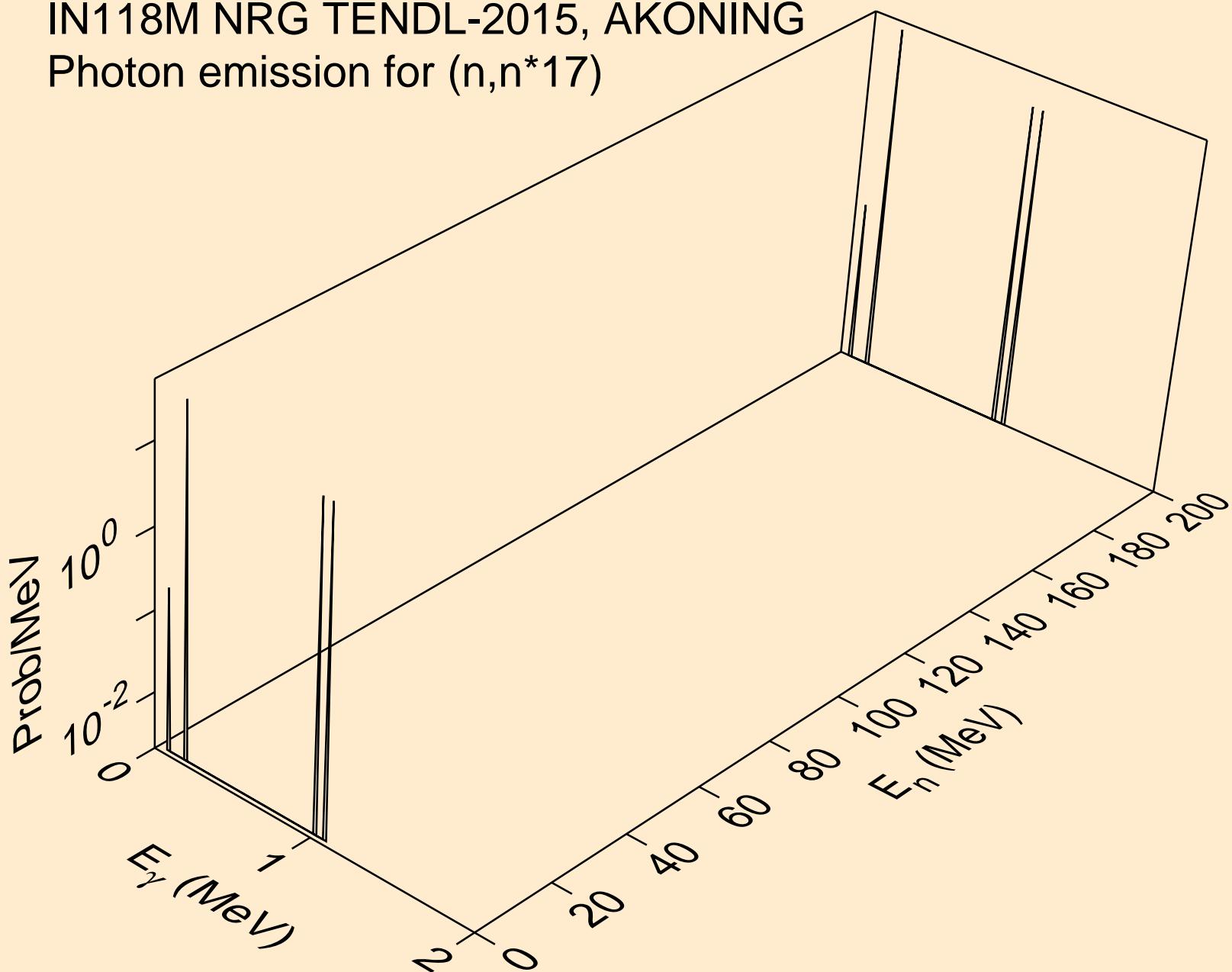
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)



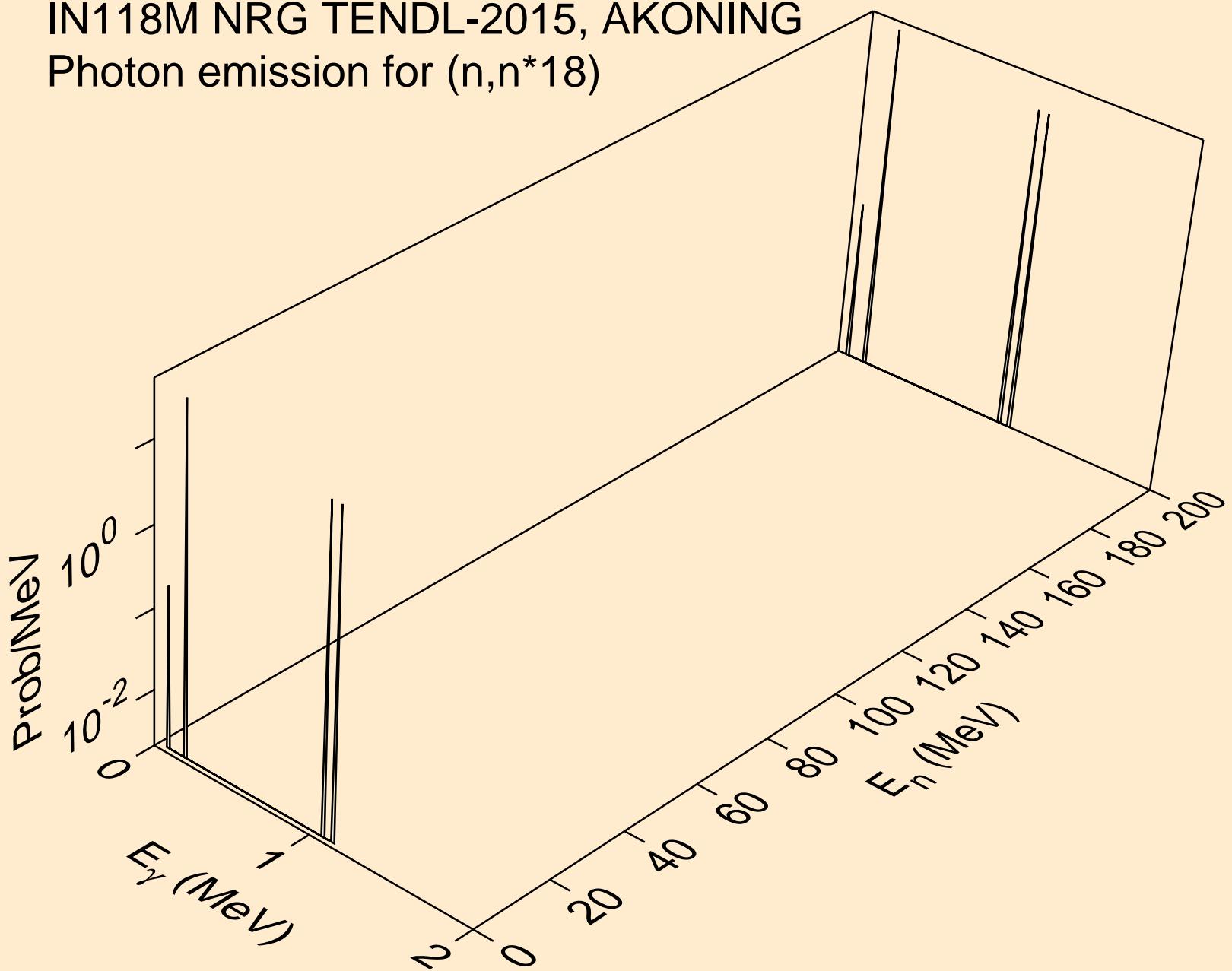
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*16)



IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*17)

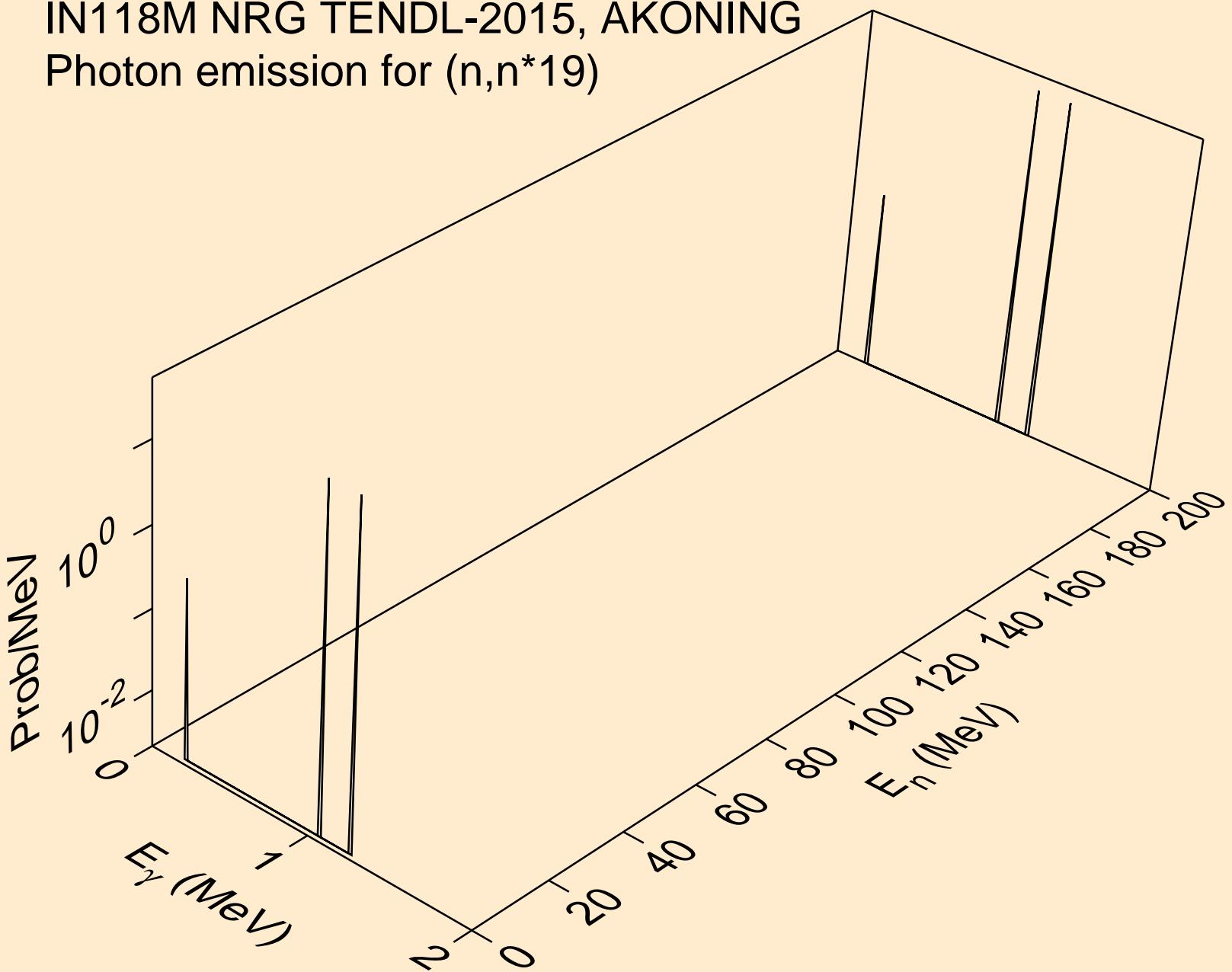


IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)

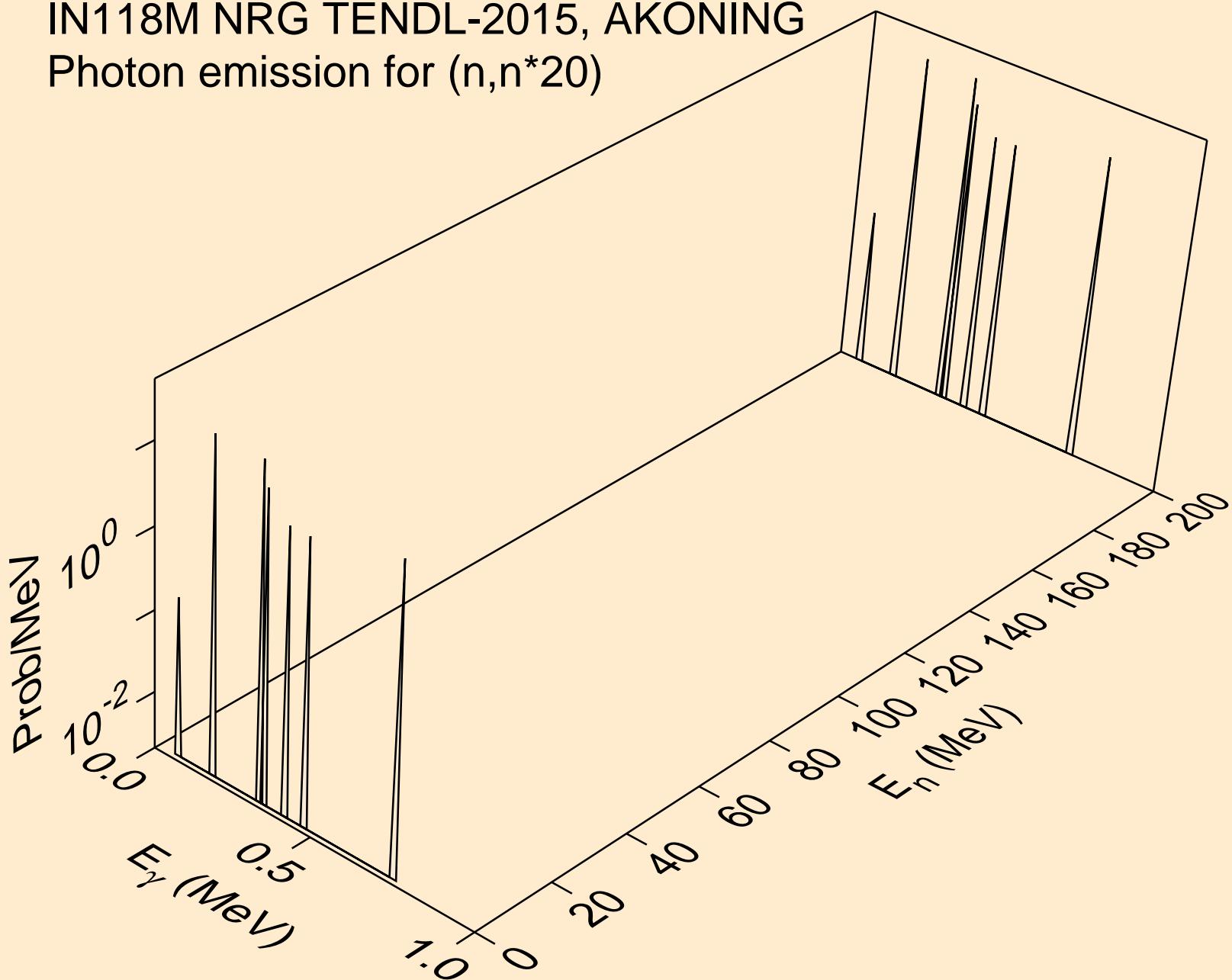


# IN118M NRG TENDL-2015, AKONING

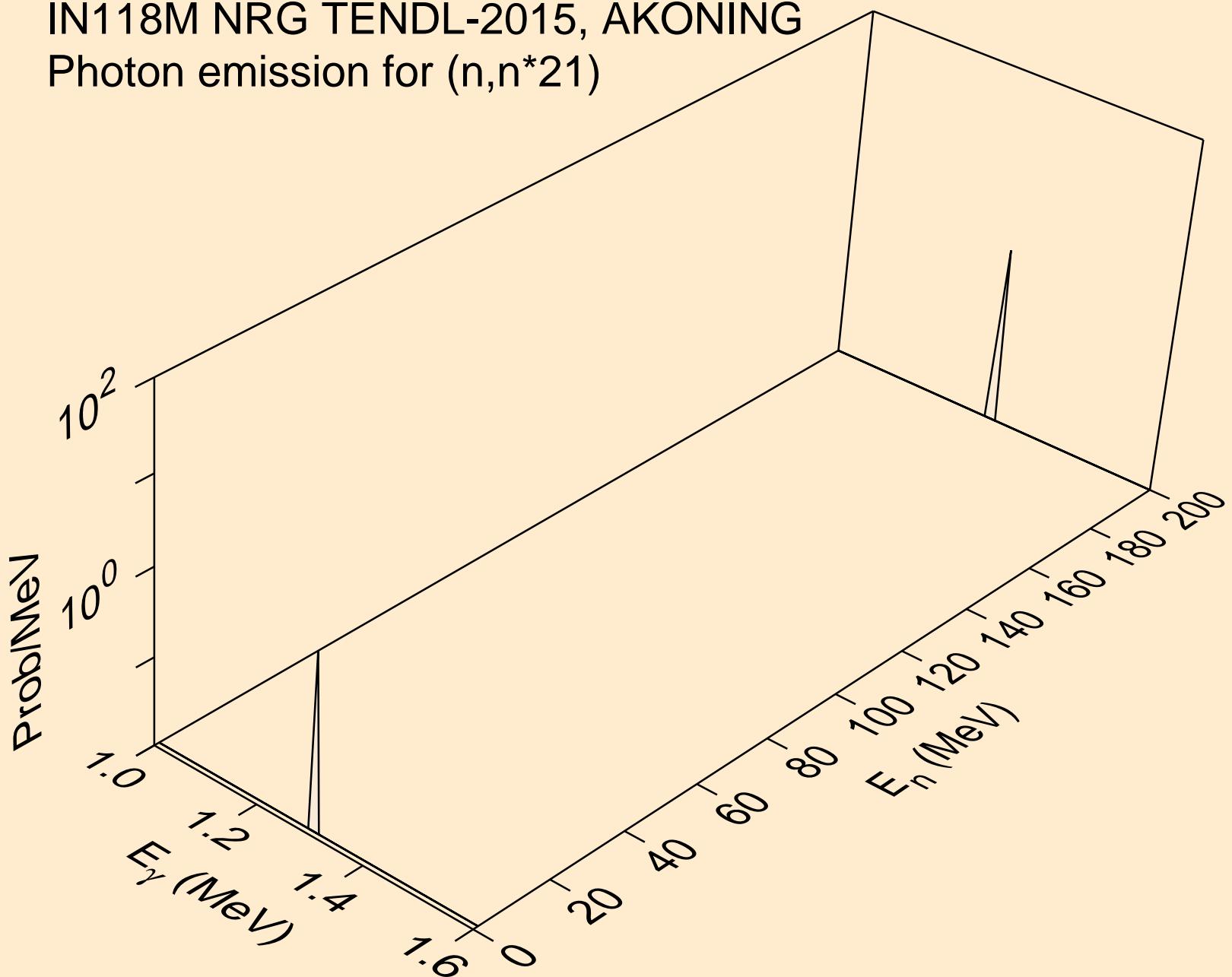
## Photon emission for (n,n\*19)



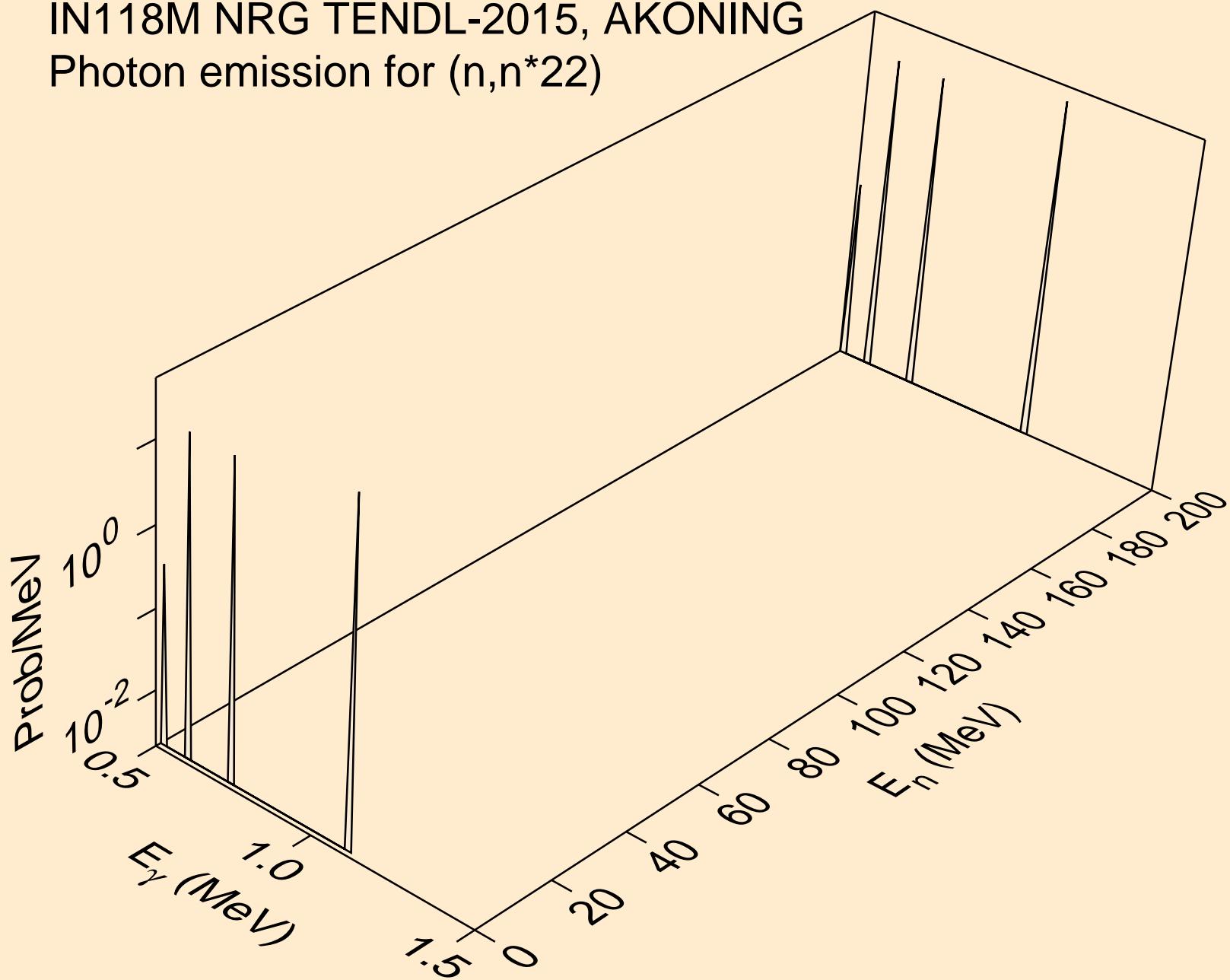
IN118M NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^* 20$ )



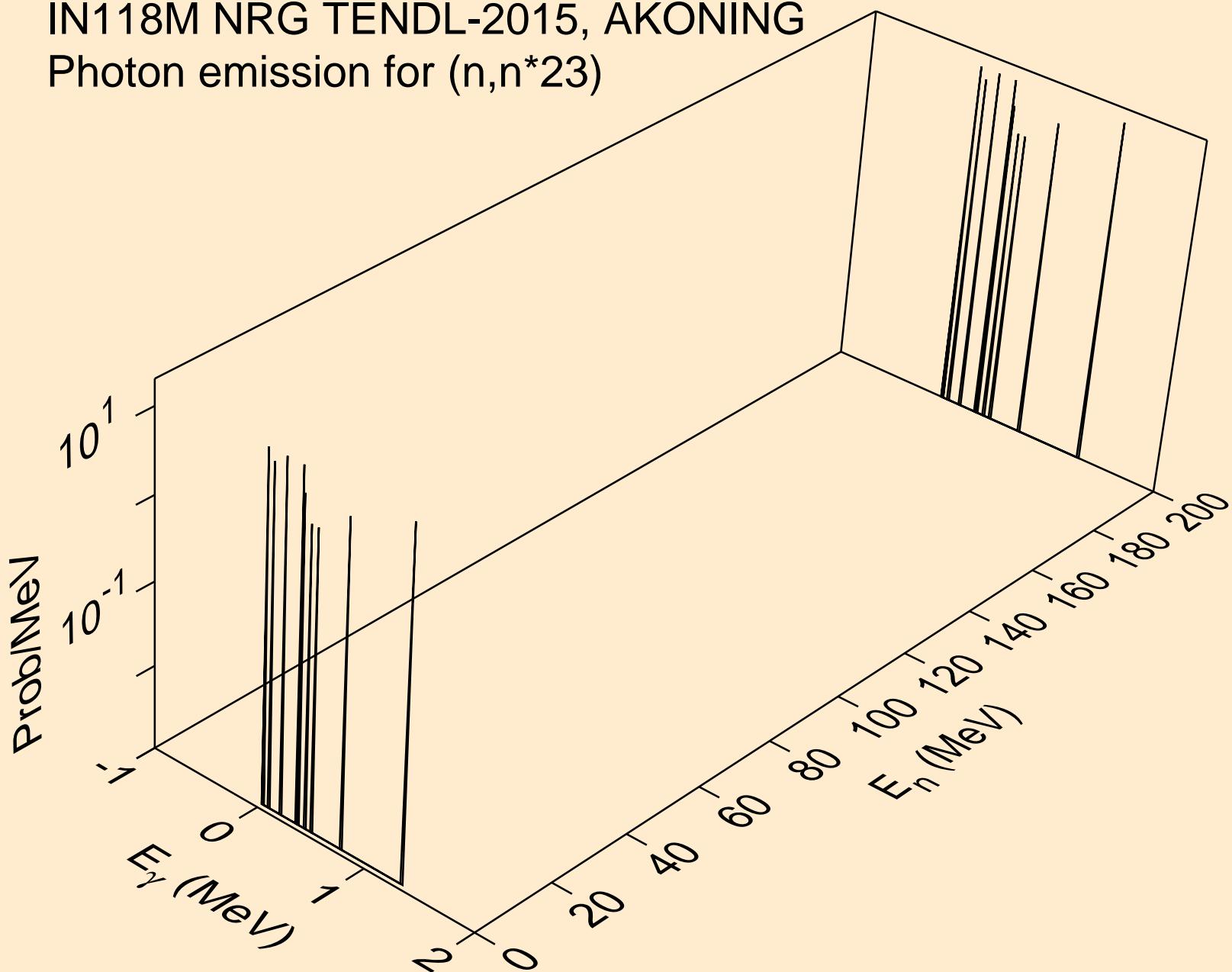
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)



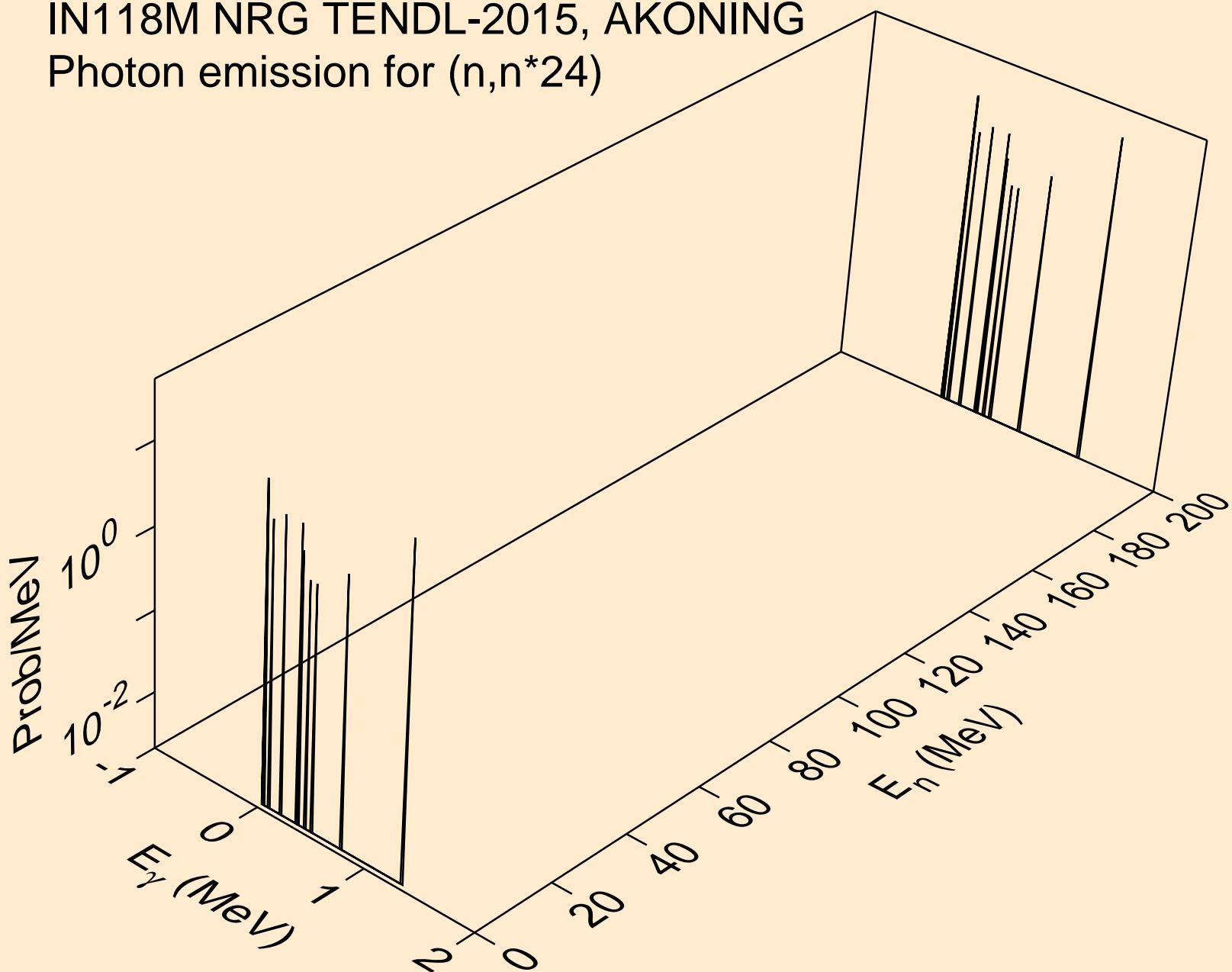
IN118M NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^* 22$ )



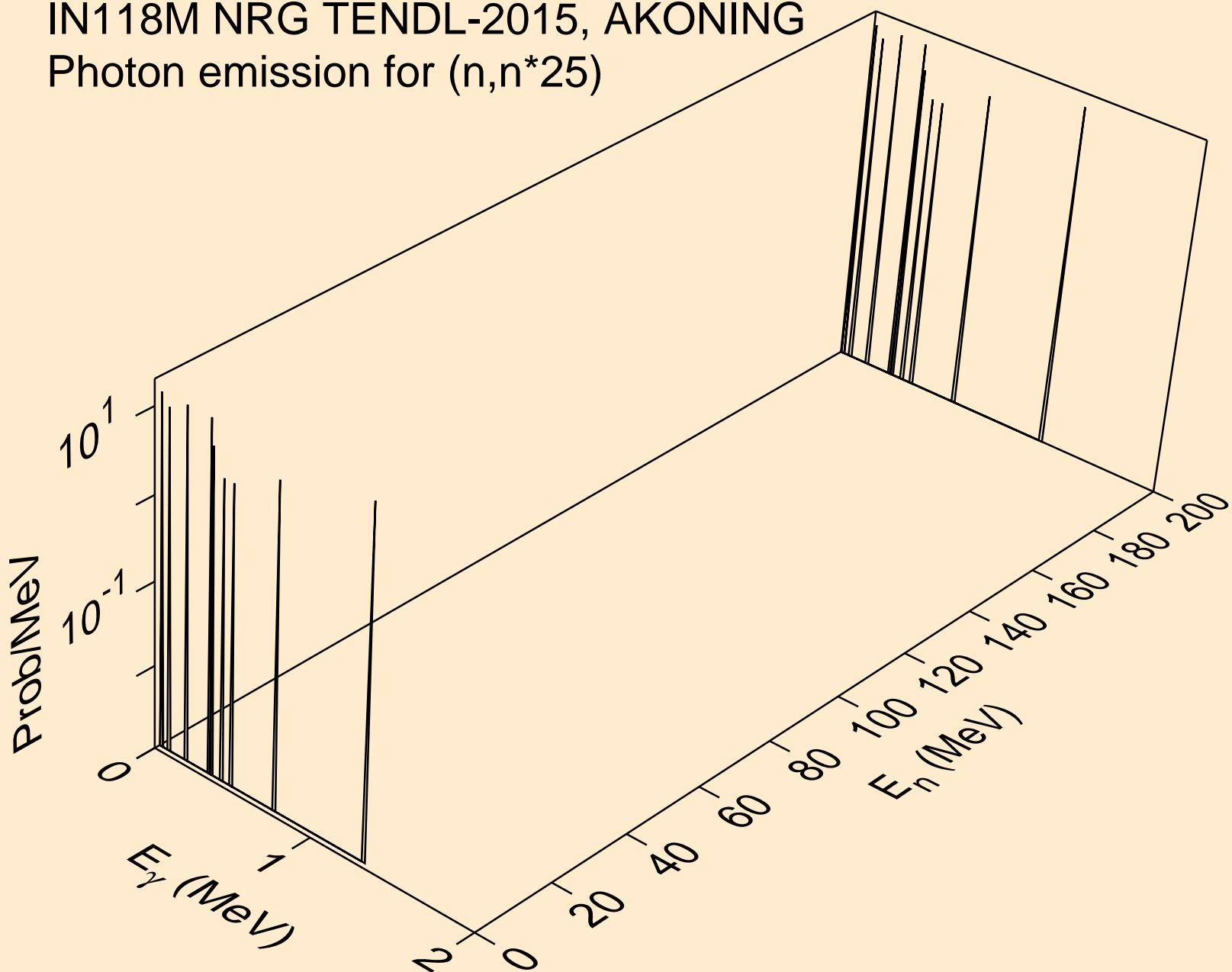
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Photon emission for ( $n, n^* 23$ )



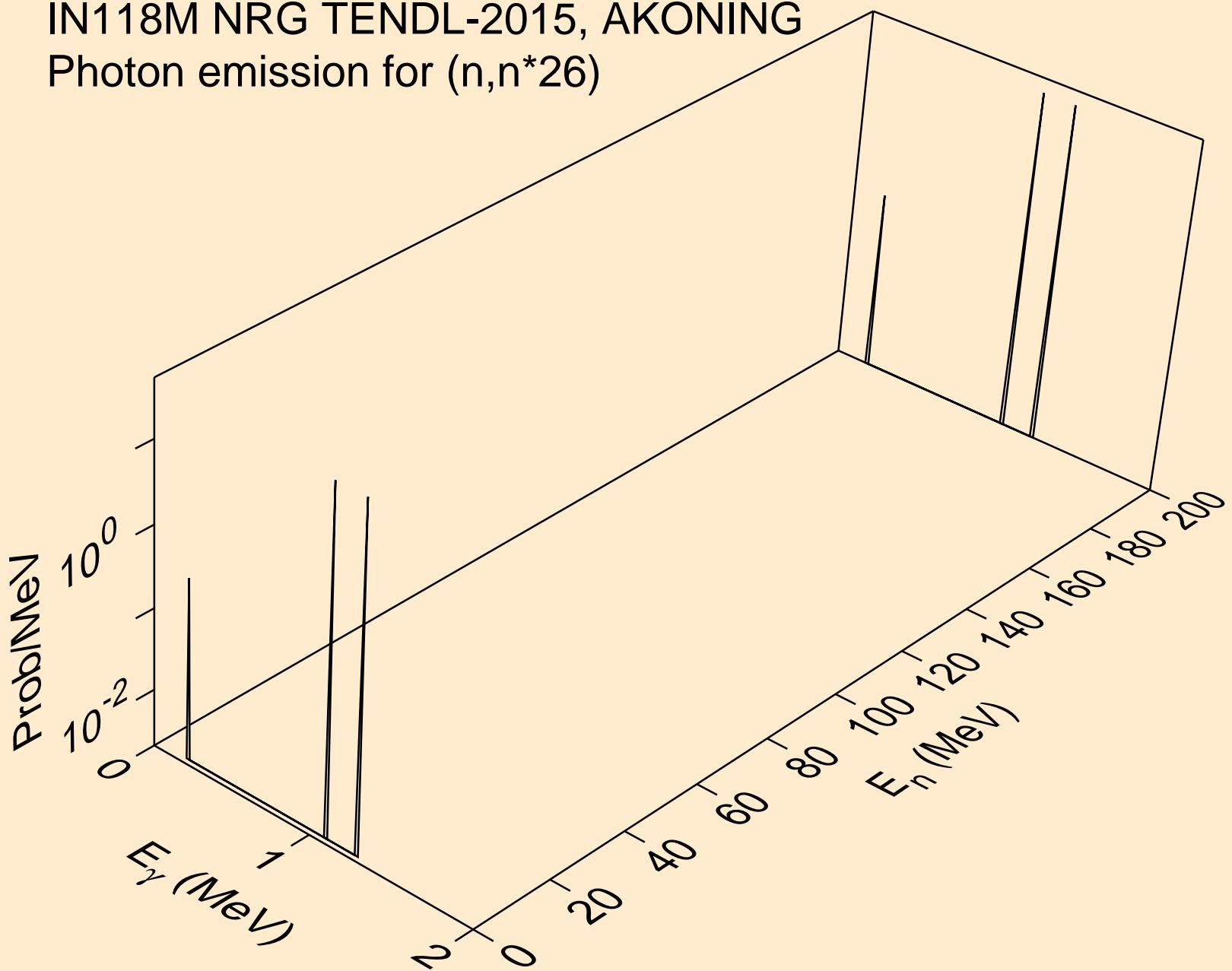
IN118M NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^* 24$ )



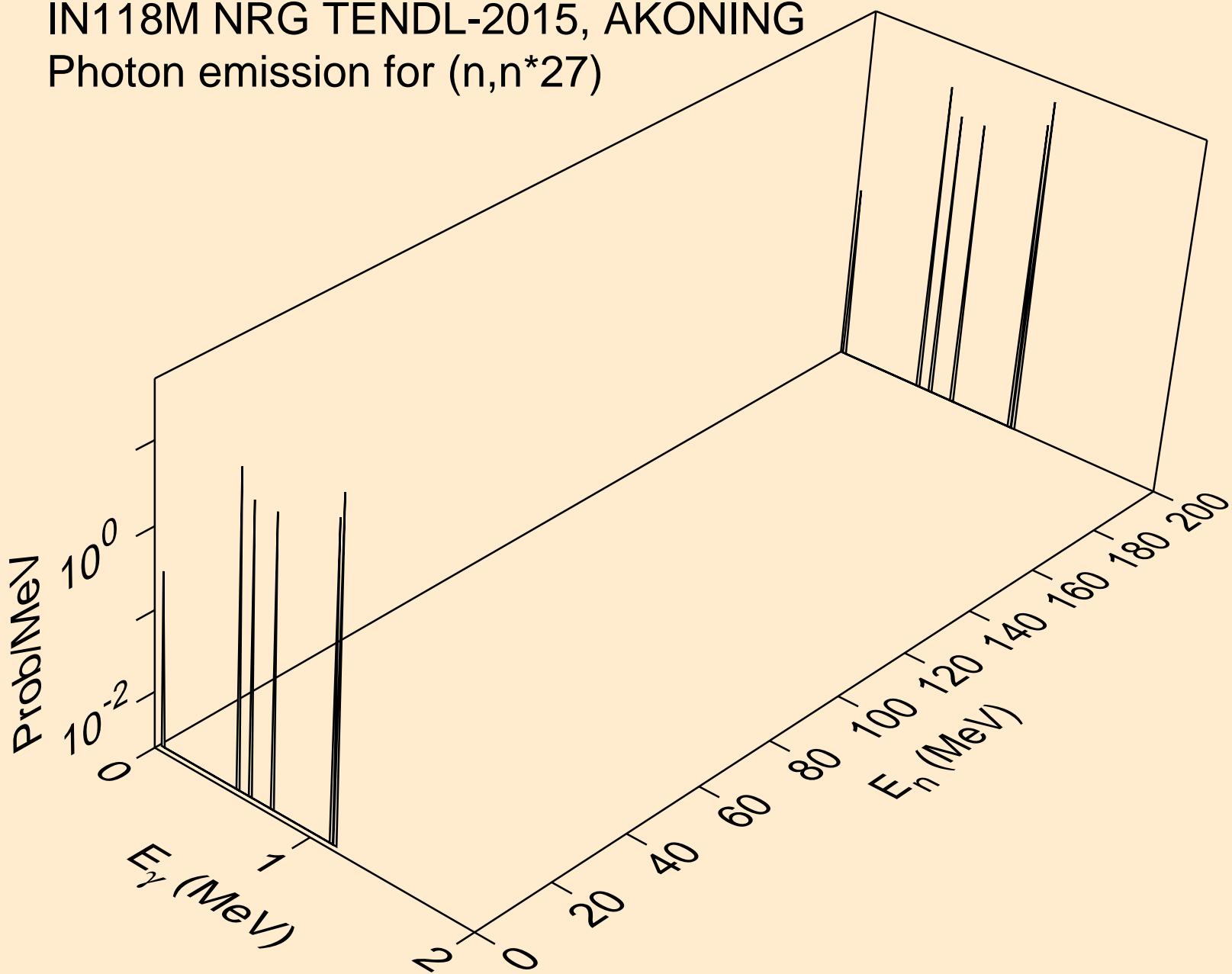
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Photon emission for ( $n, n^* 25$ )



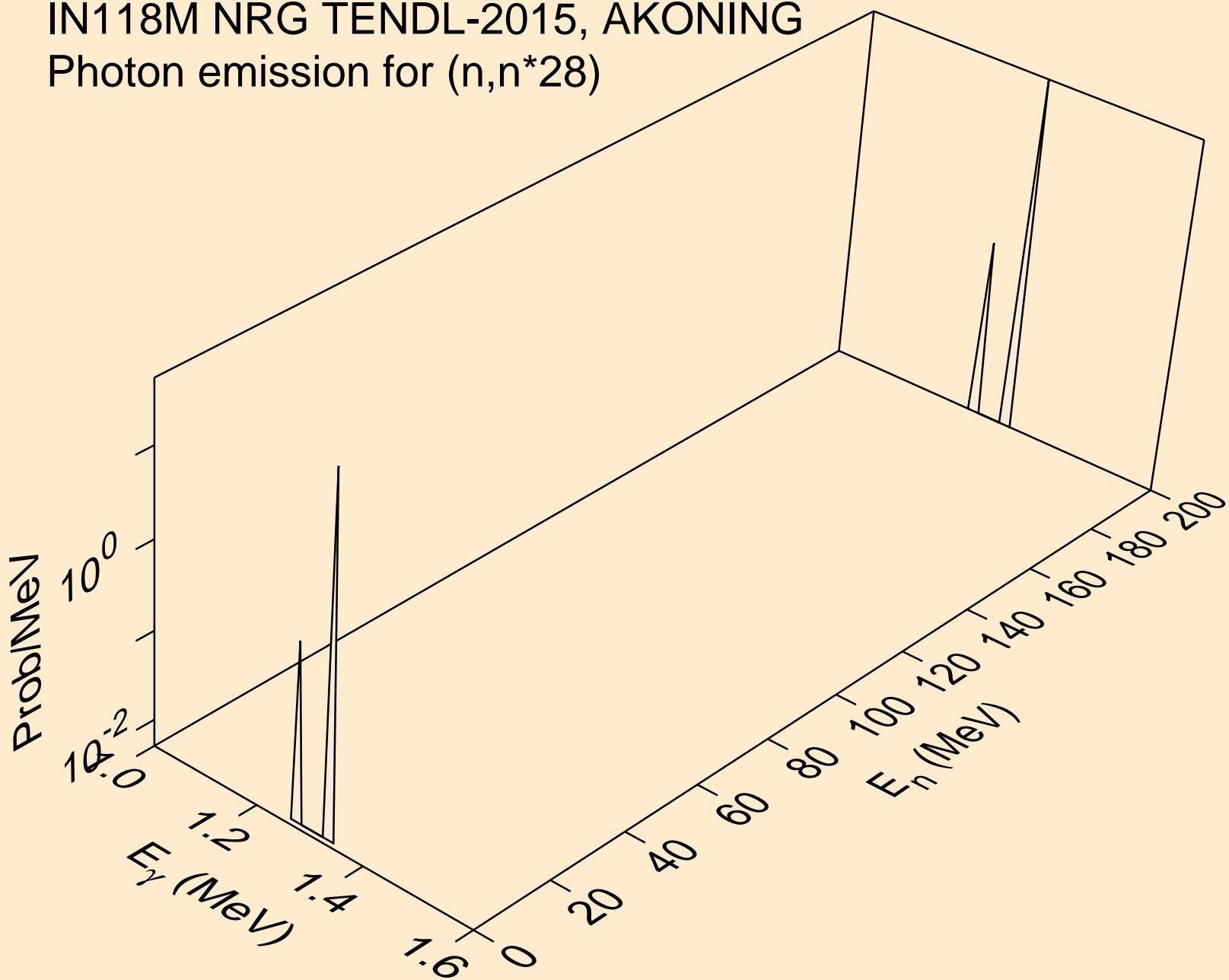
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Photon emission for ( $n, n^* 26$ )



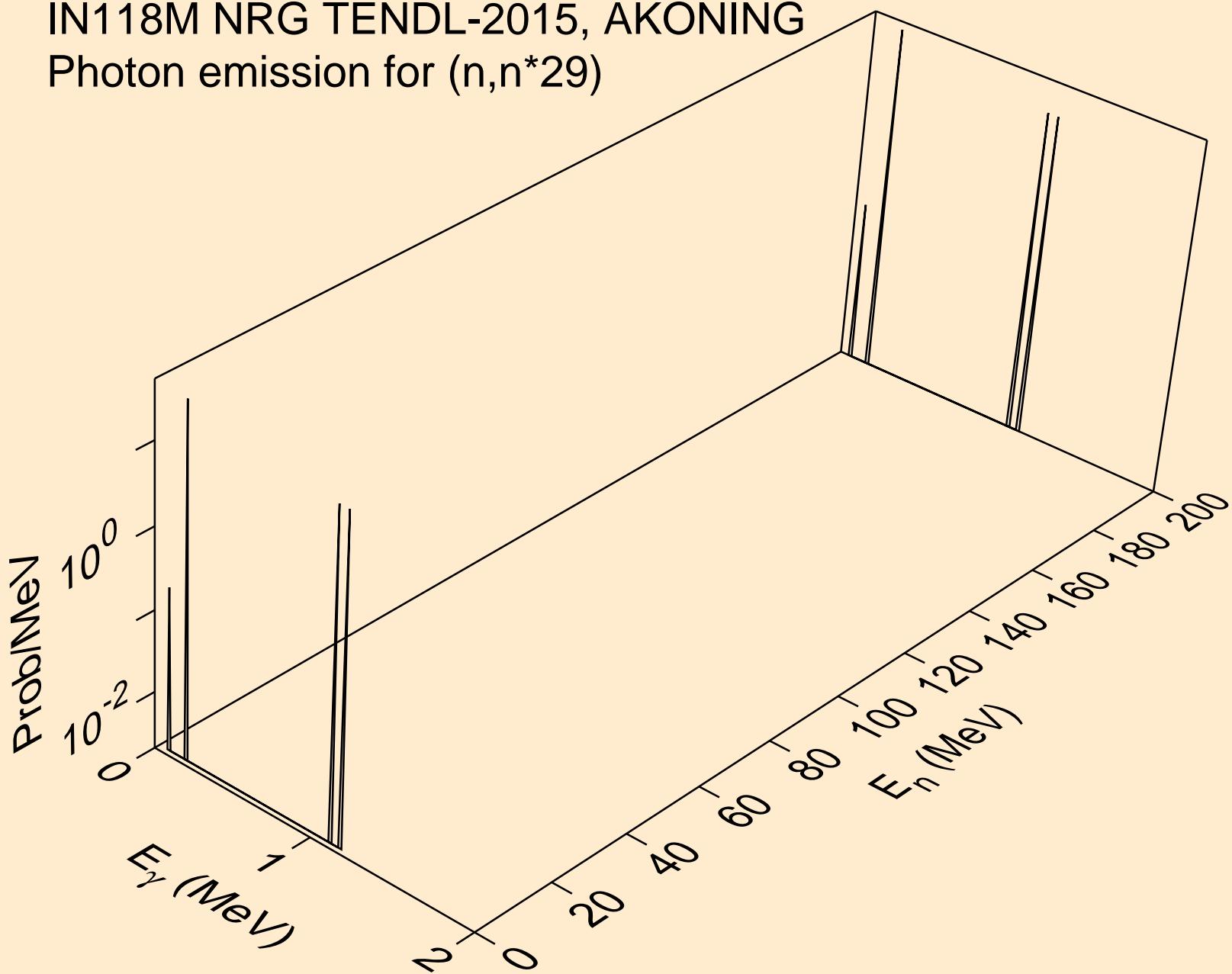
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Photon emission for ( $n, n^* 27$ )



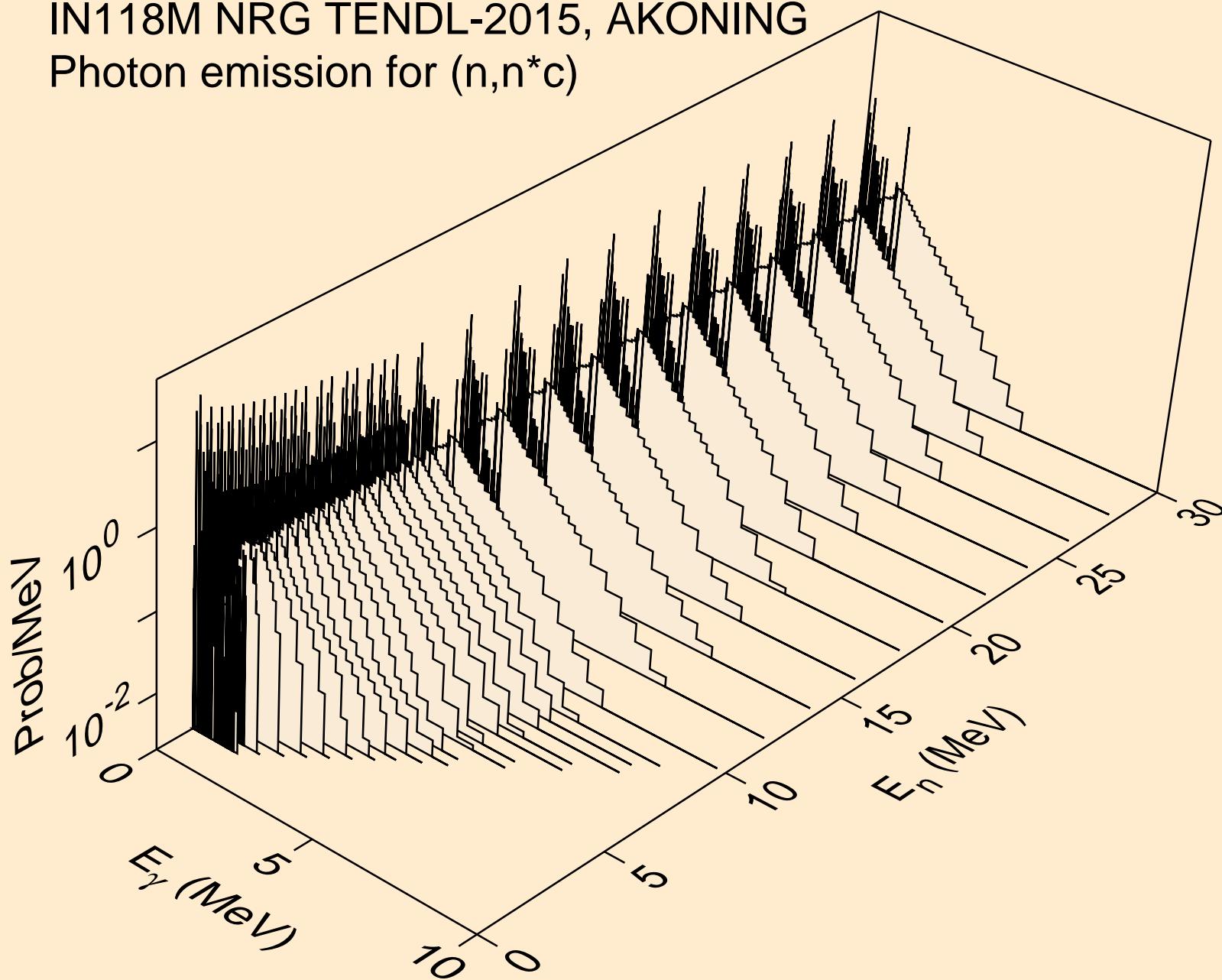
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Photon emission for ( $n, n^* 28$ )



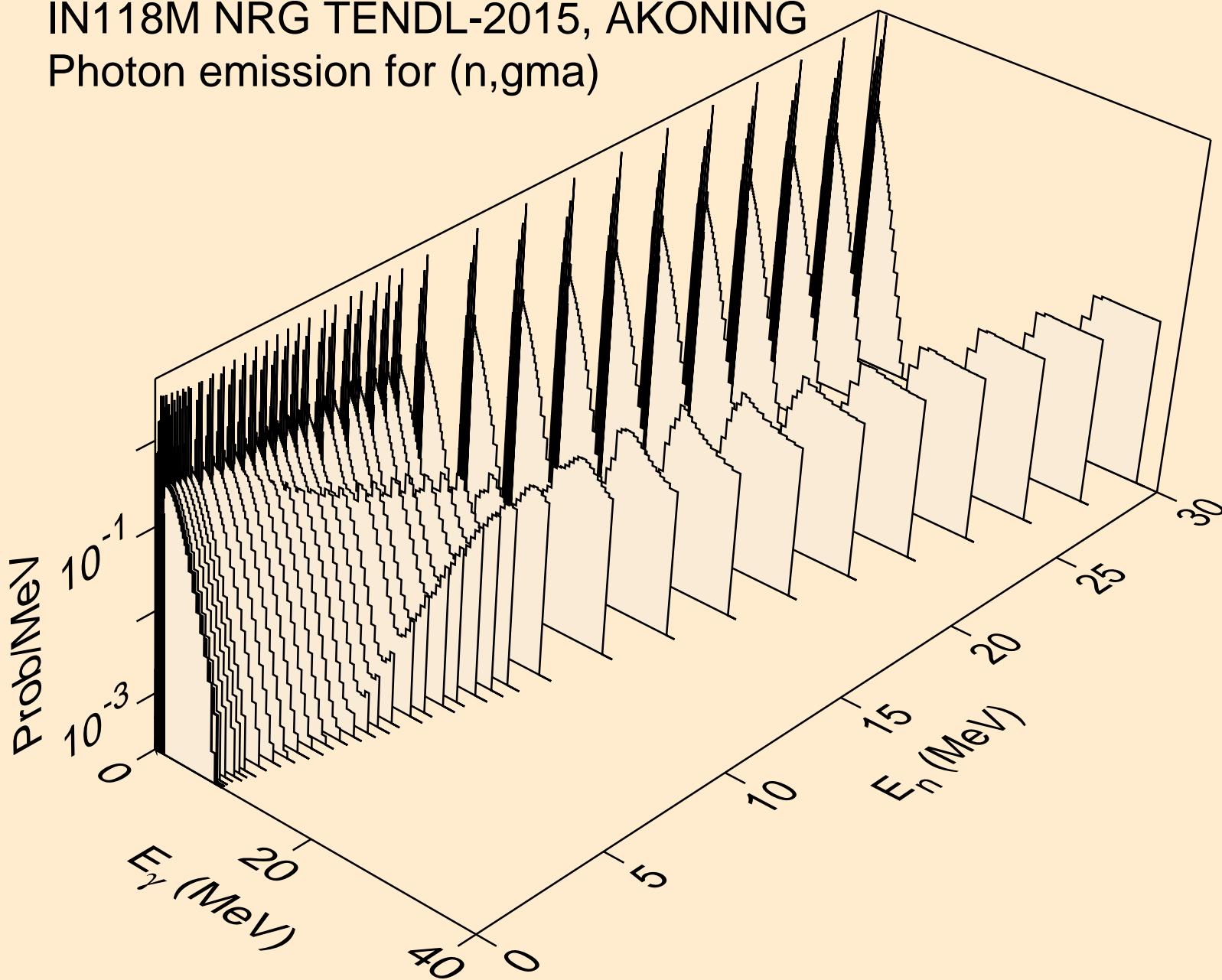
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Photon emission for ( $n, n^* 29$ )



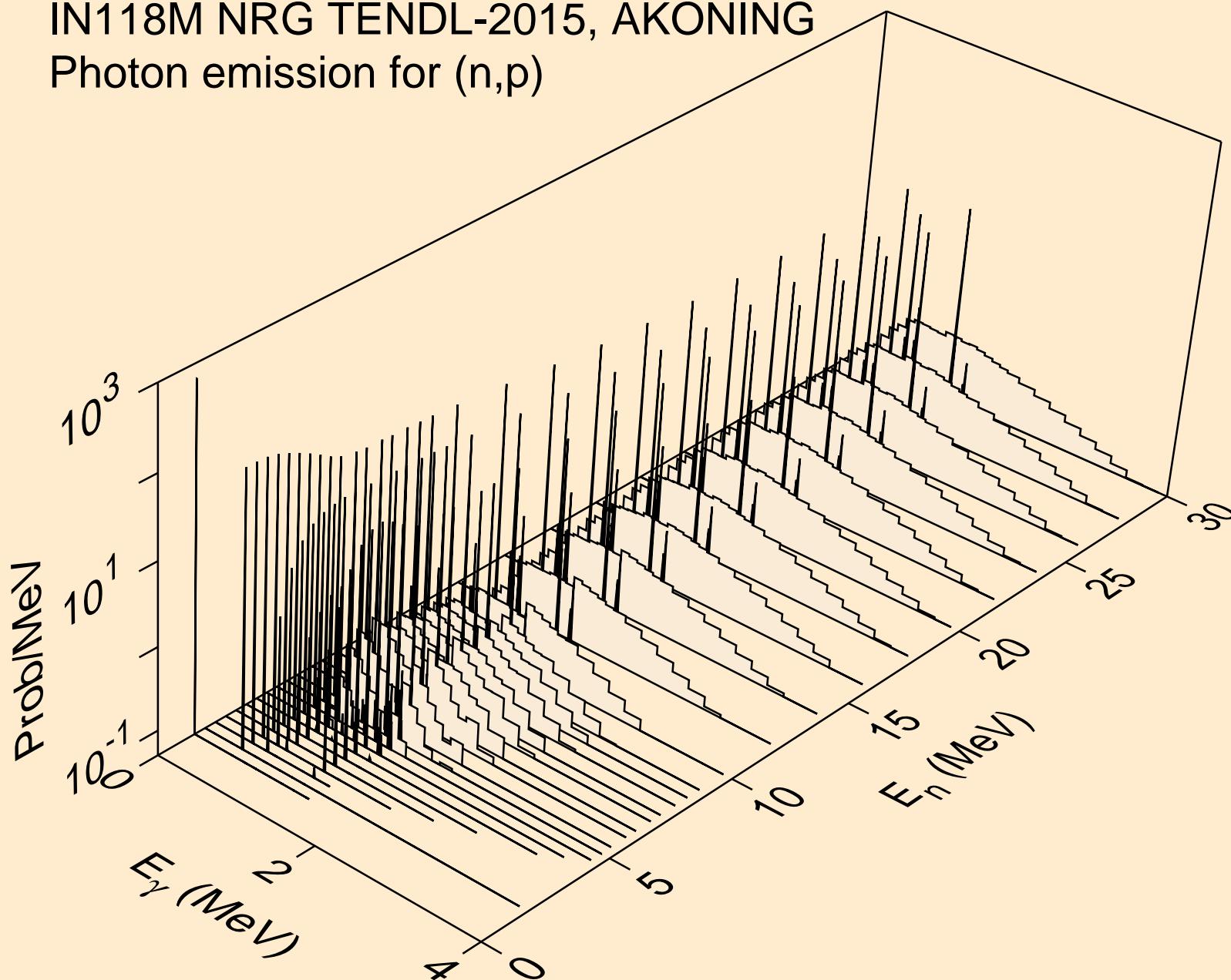
IN118M NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^*c$ )



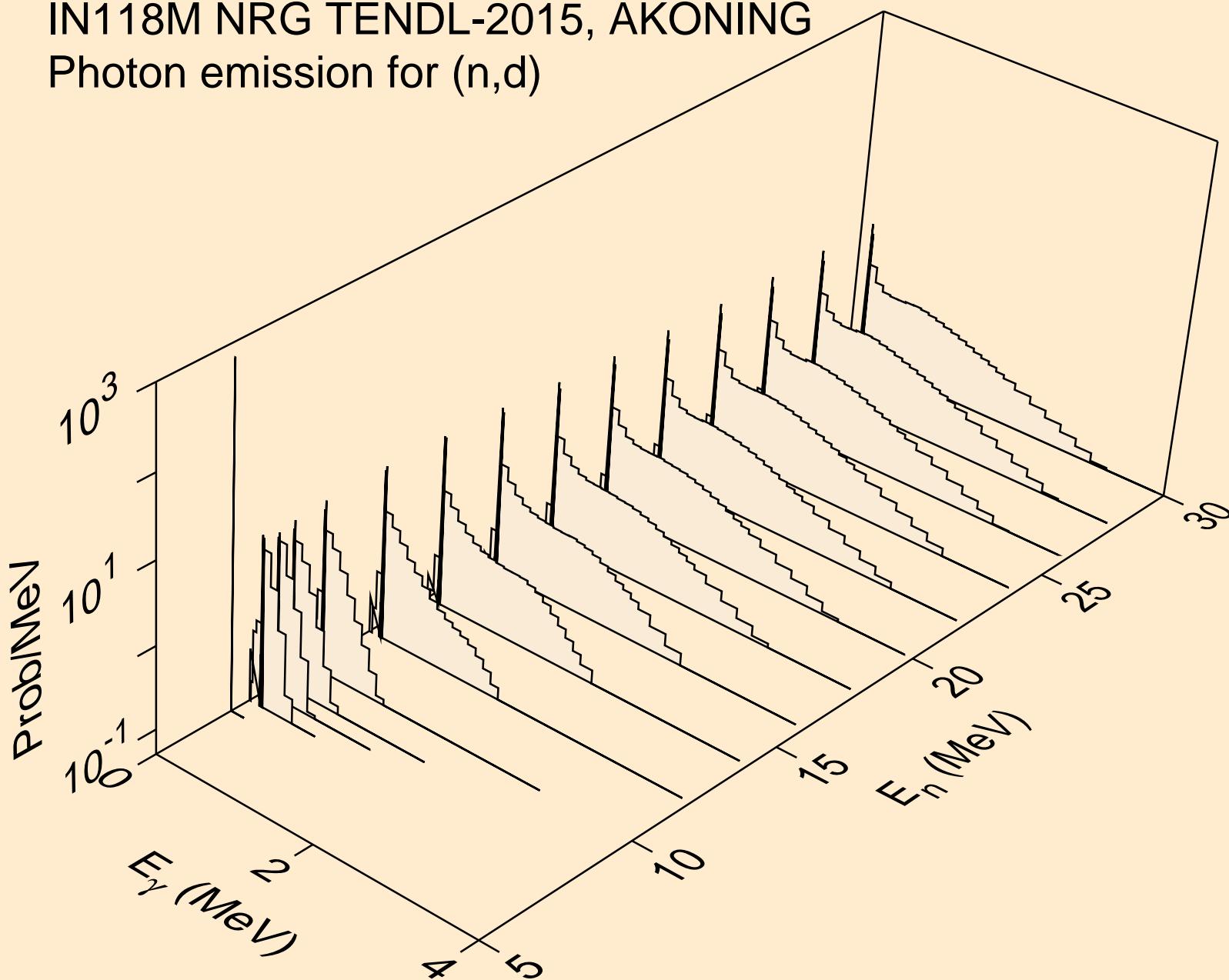
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Photon emission for (n,gma)



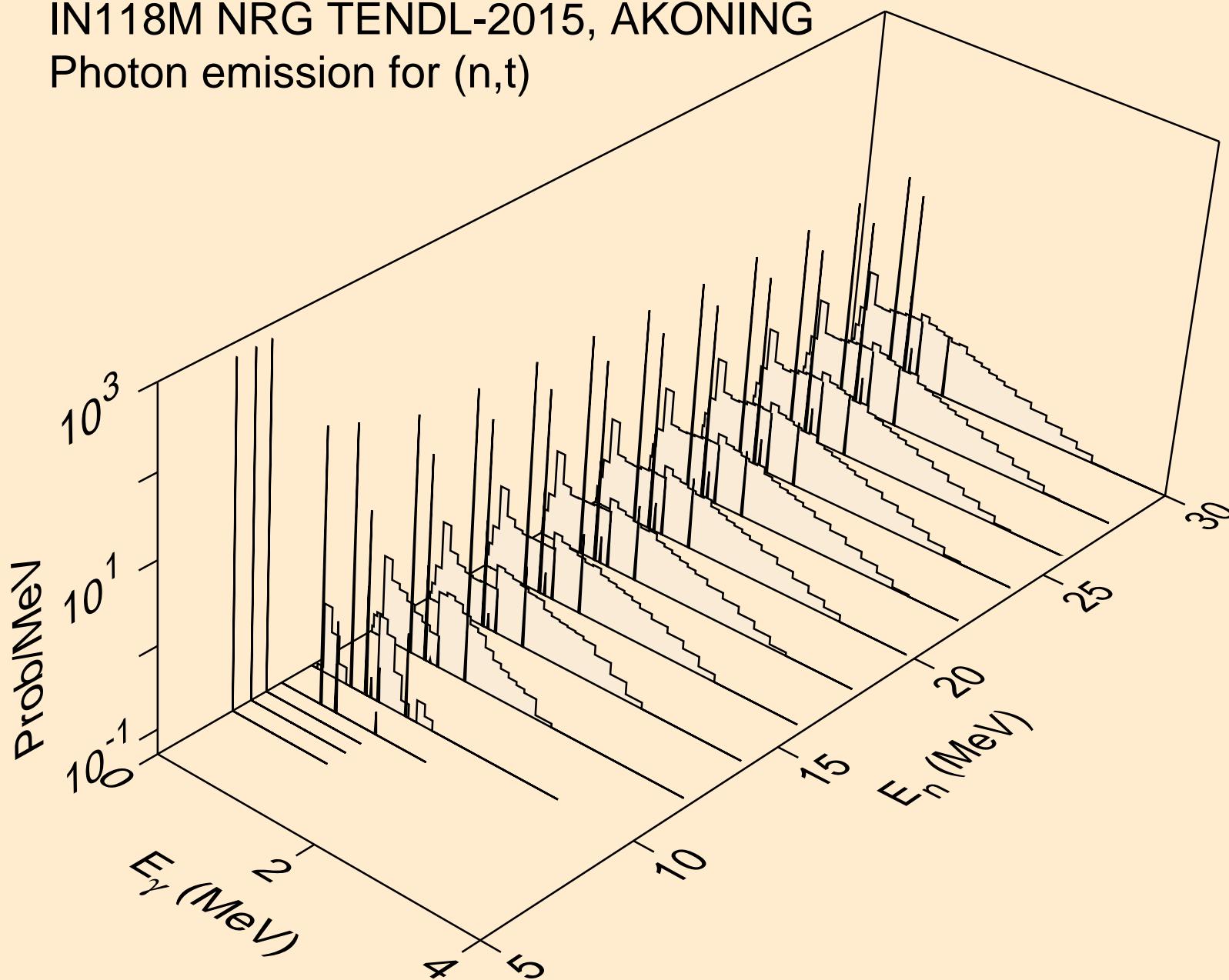
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



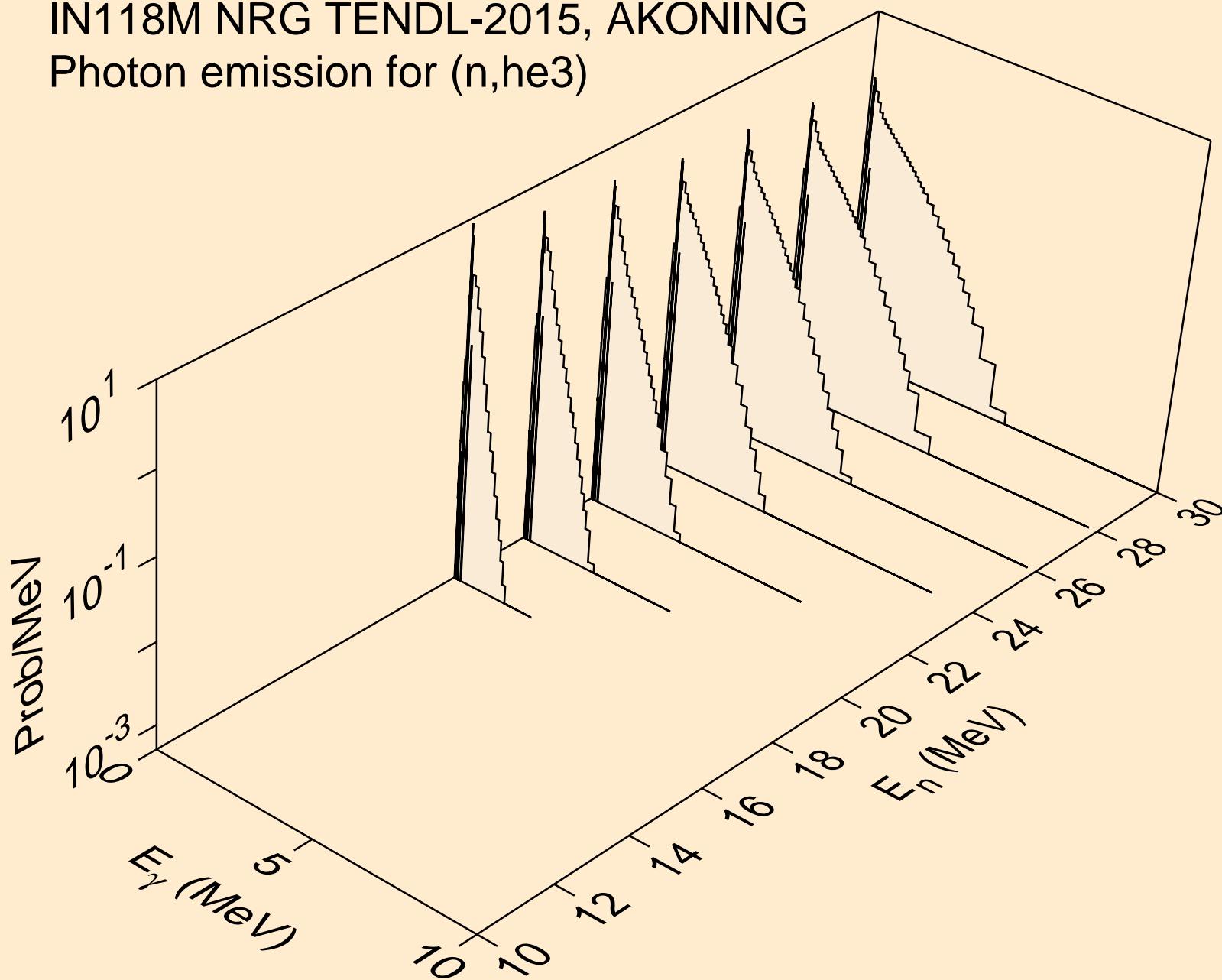
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Photon emission for (n,d)



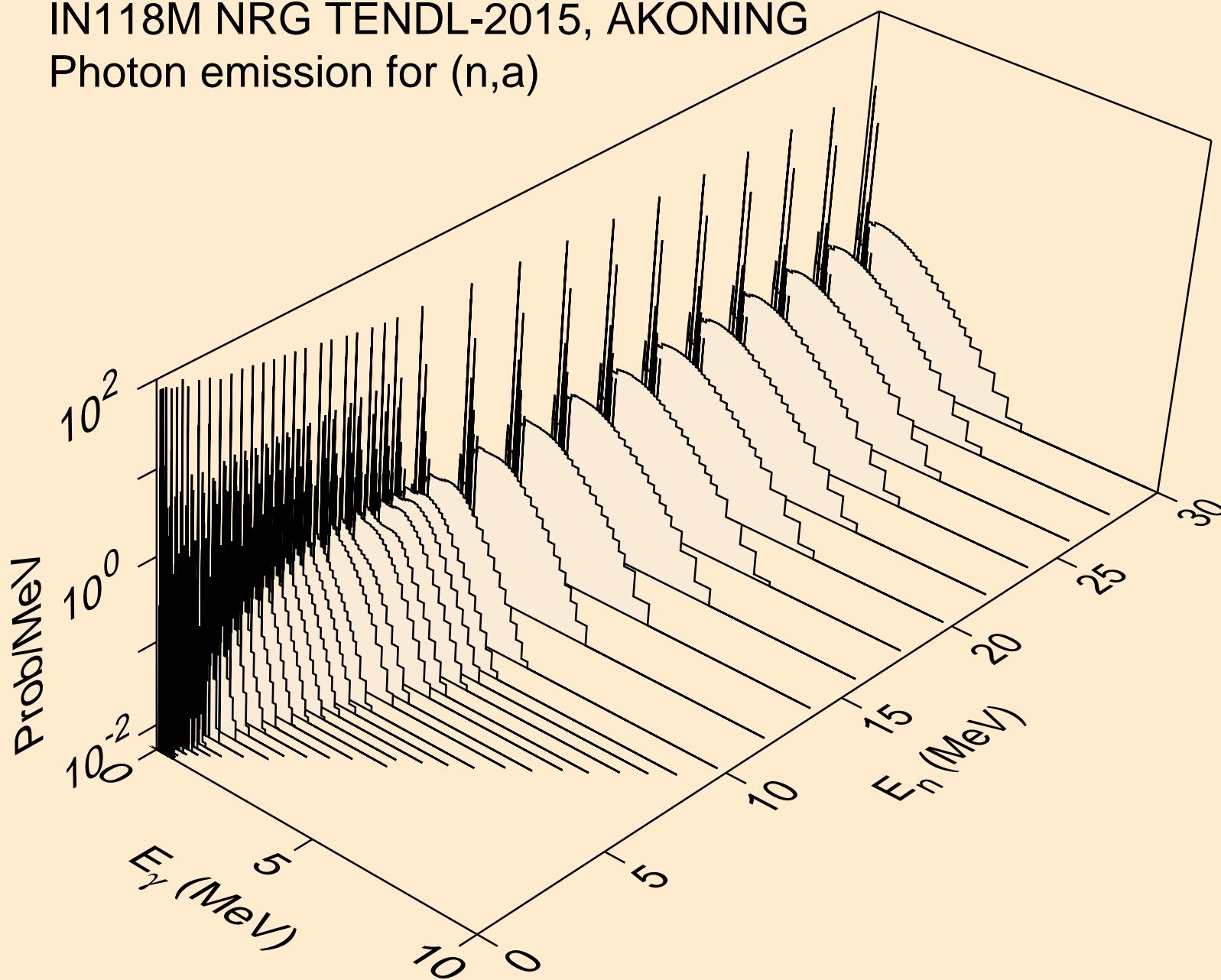
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Photon emission for (n,t)



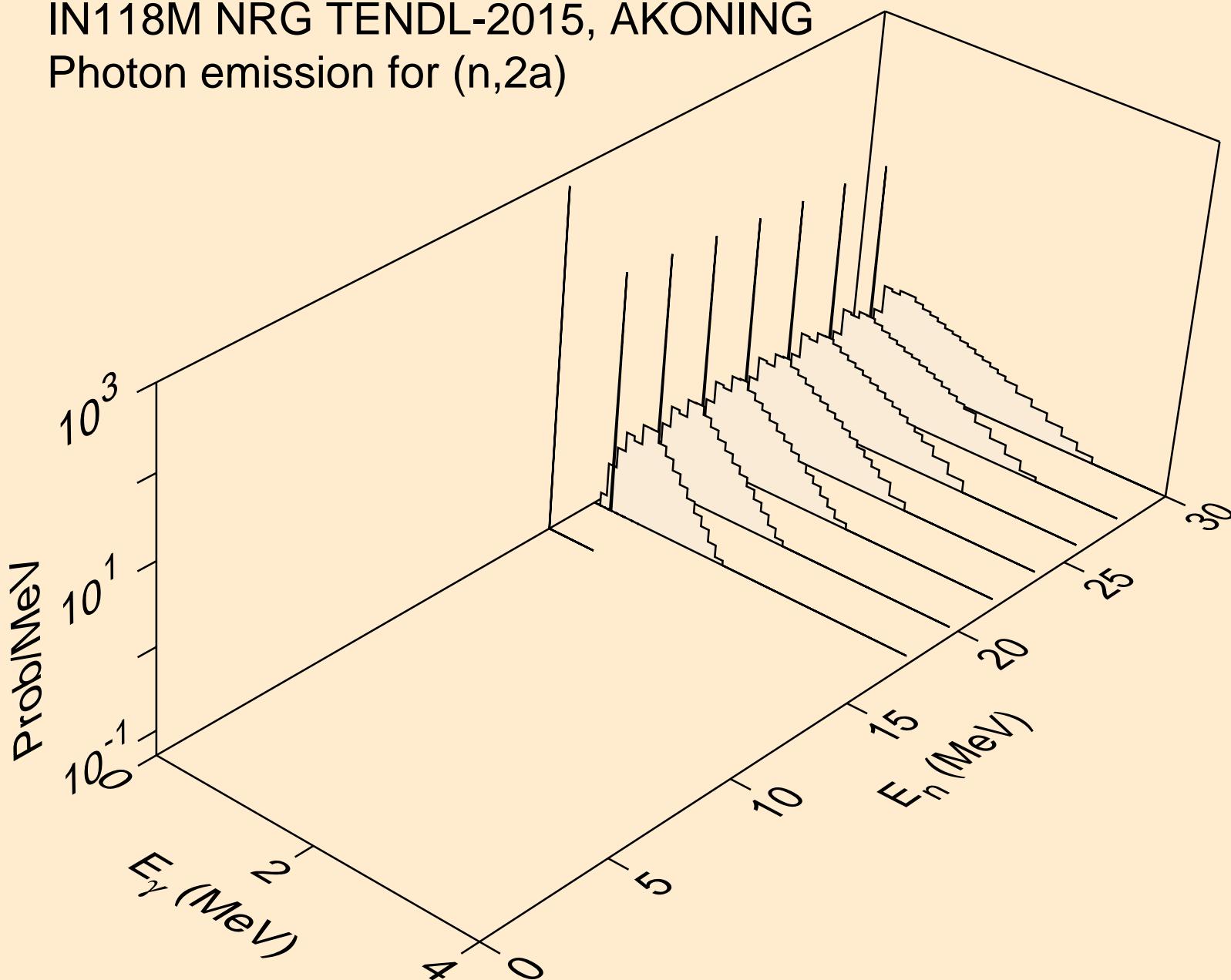
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



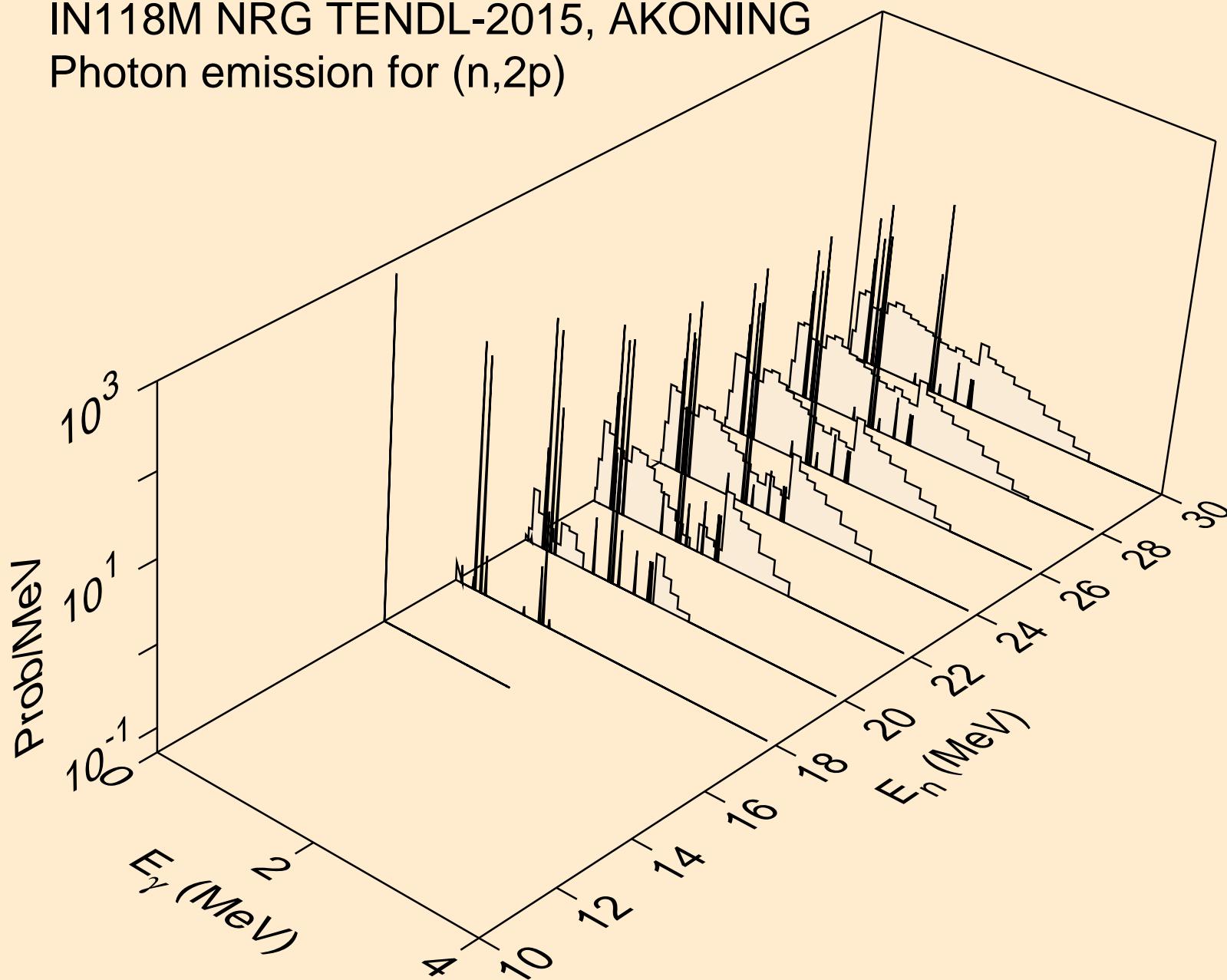
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,a)



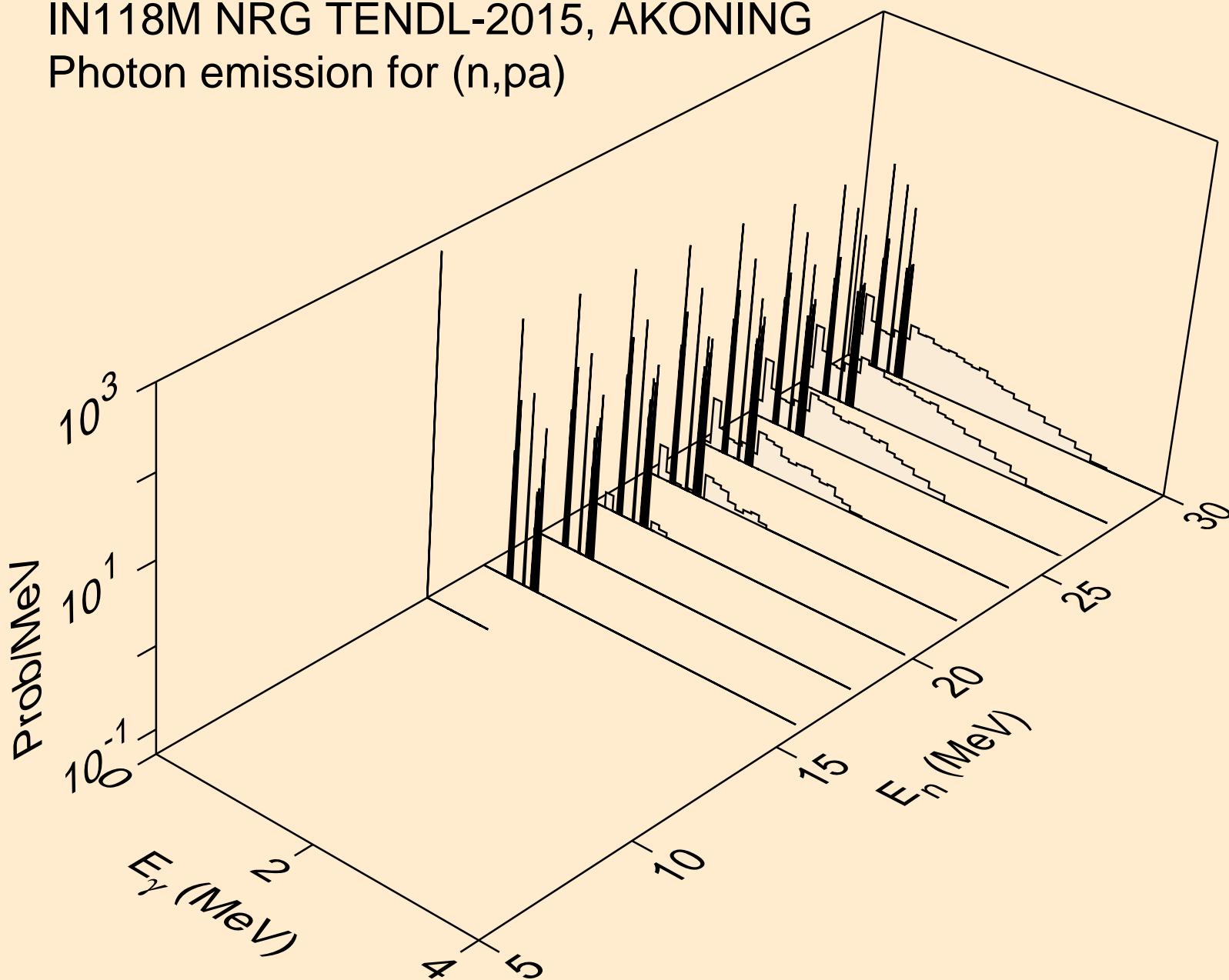
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Photon emission for (n,2a)



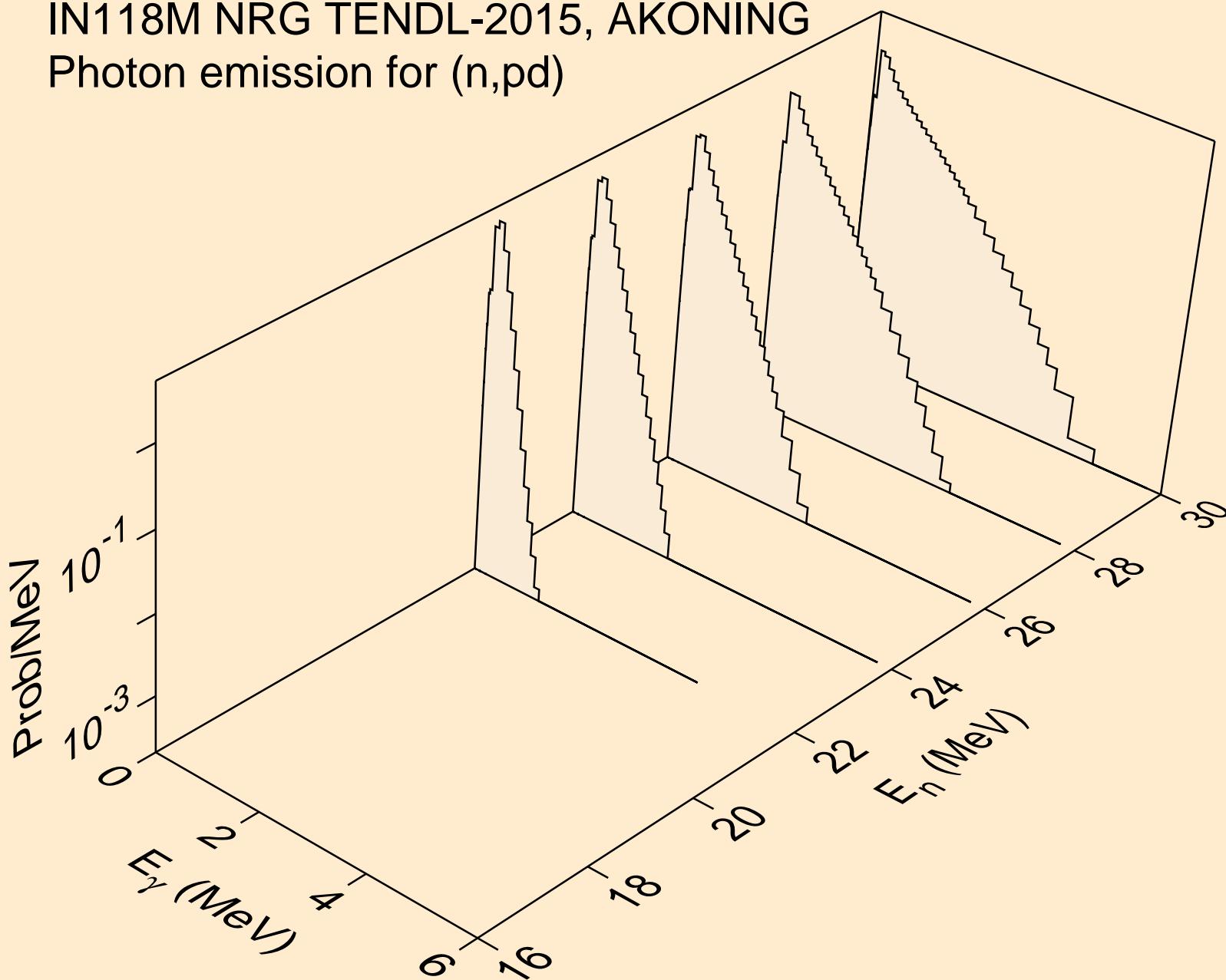
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



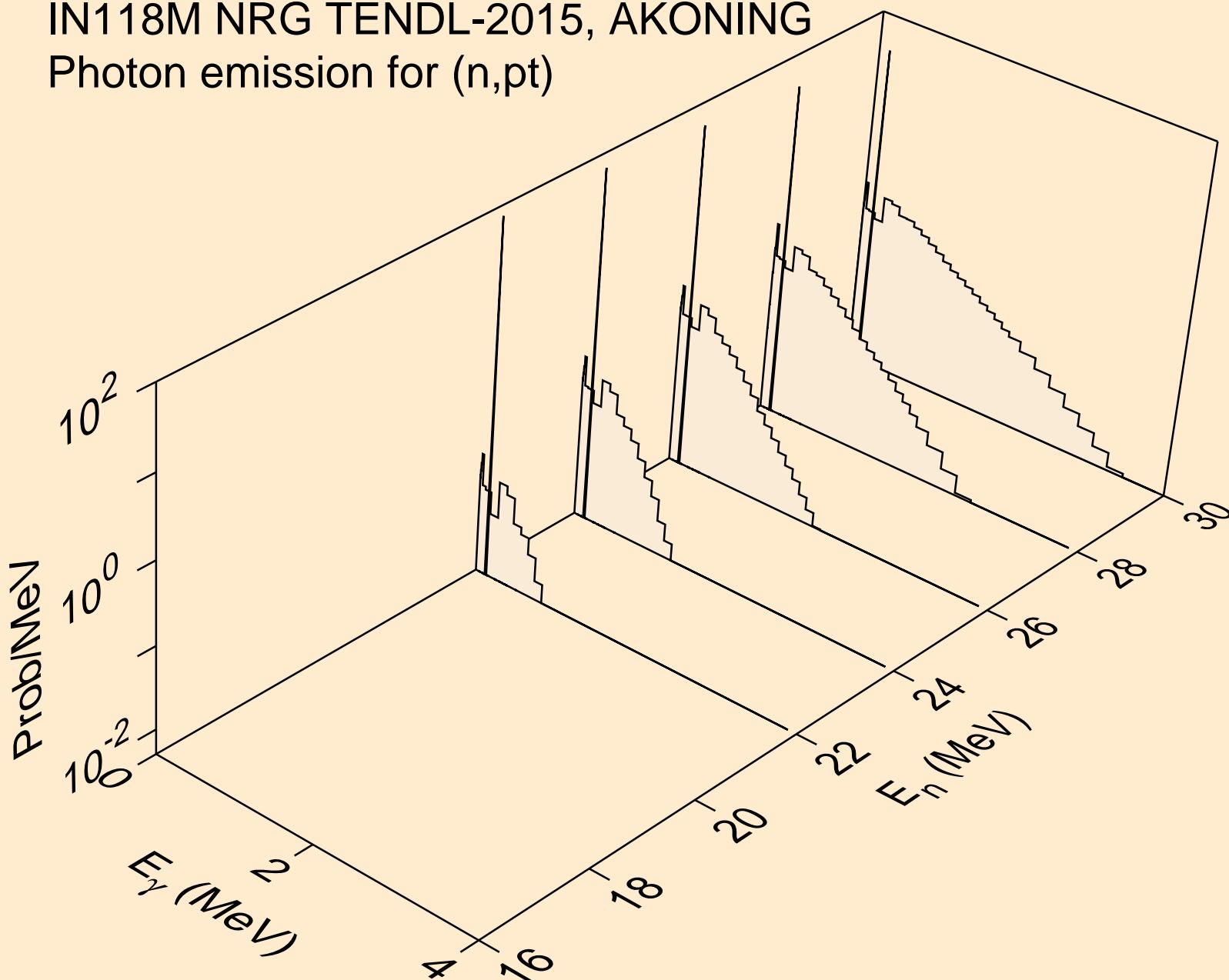
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



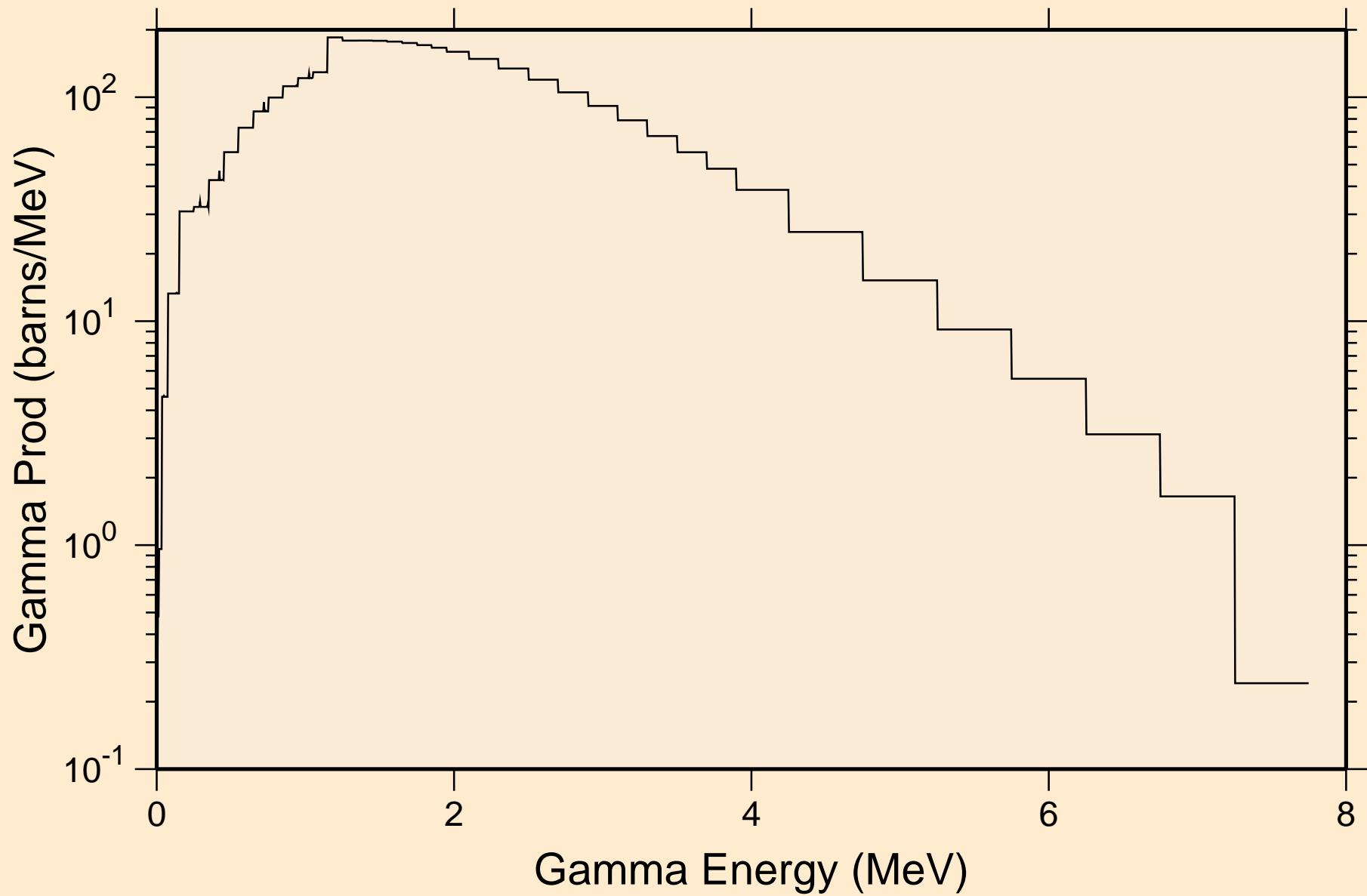
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



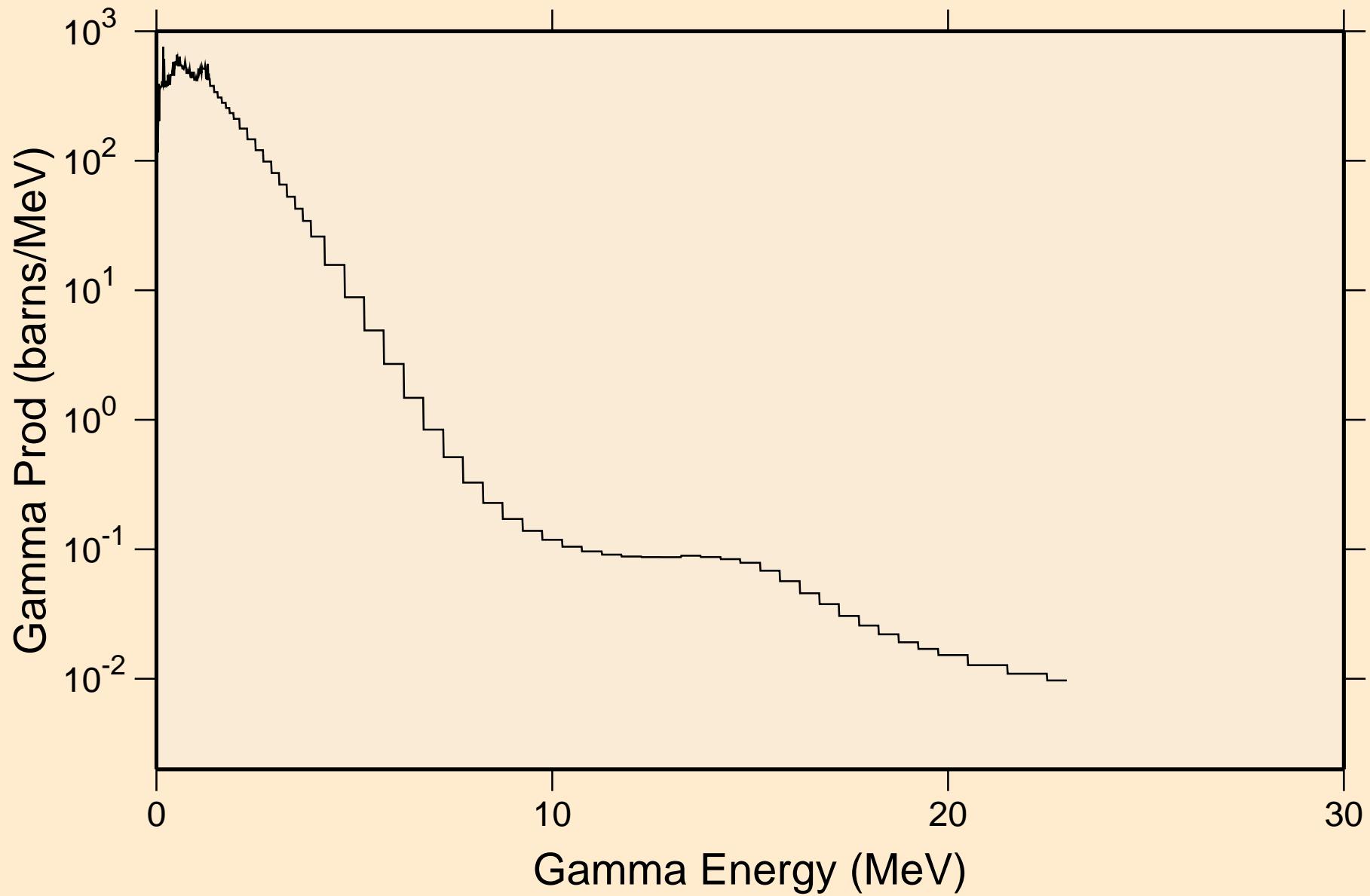
IN118M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



IN118M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

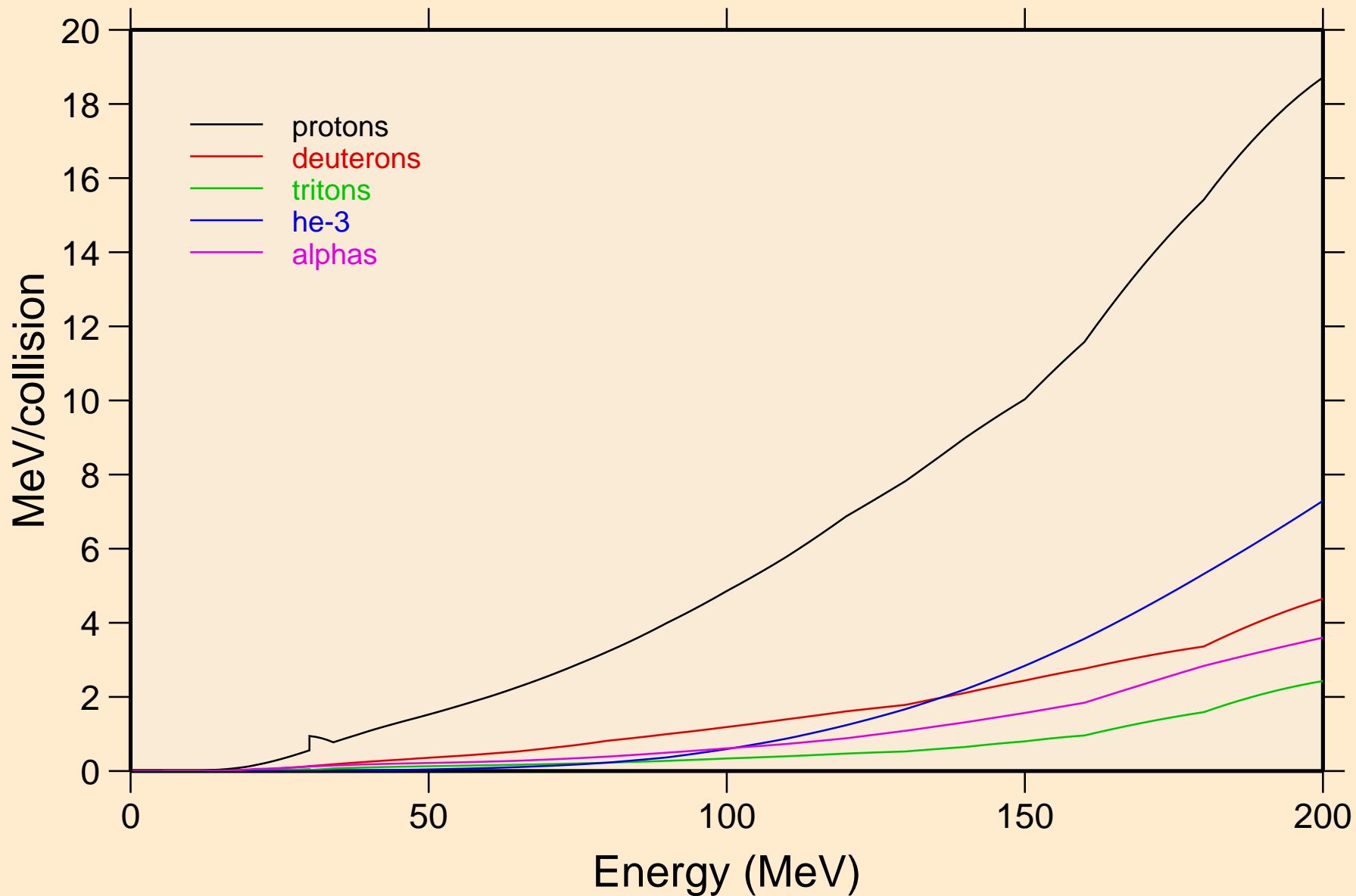


IN118M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



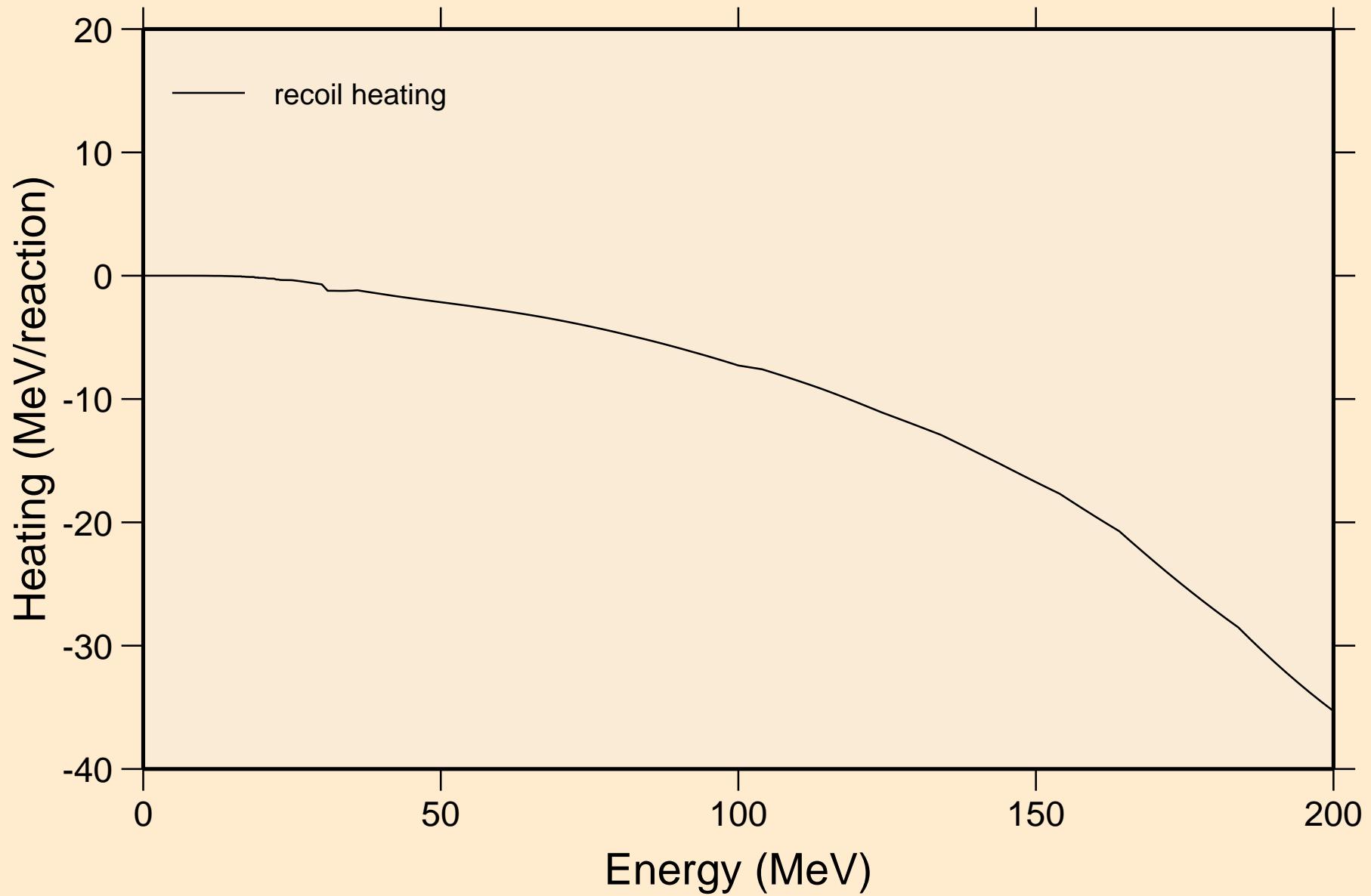
# IN118M NRG TENDL-2015, AKONING

## Particle heating contributions



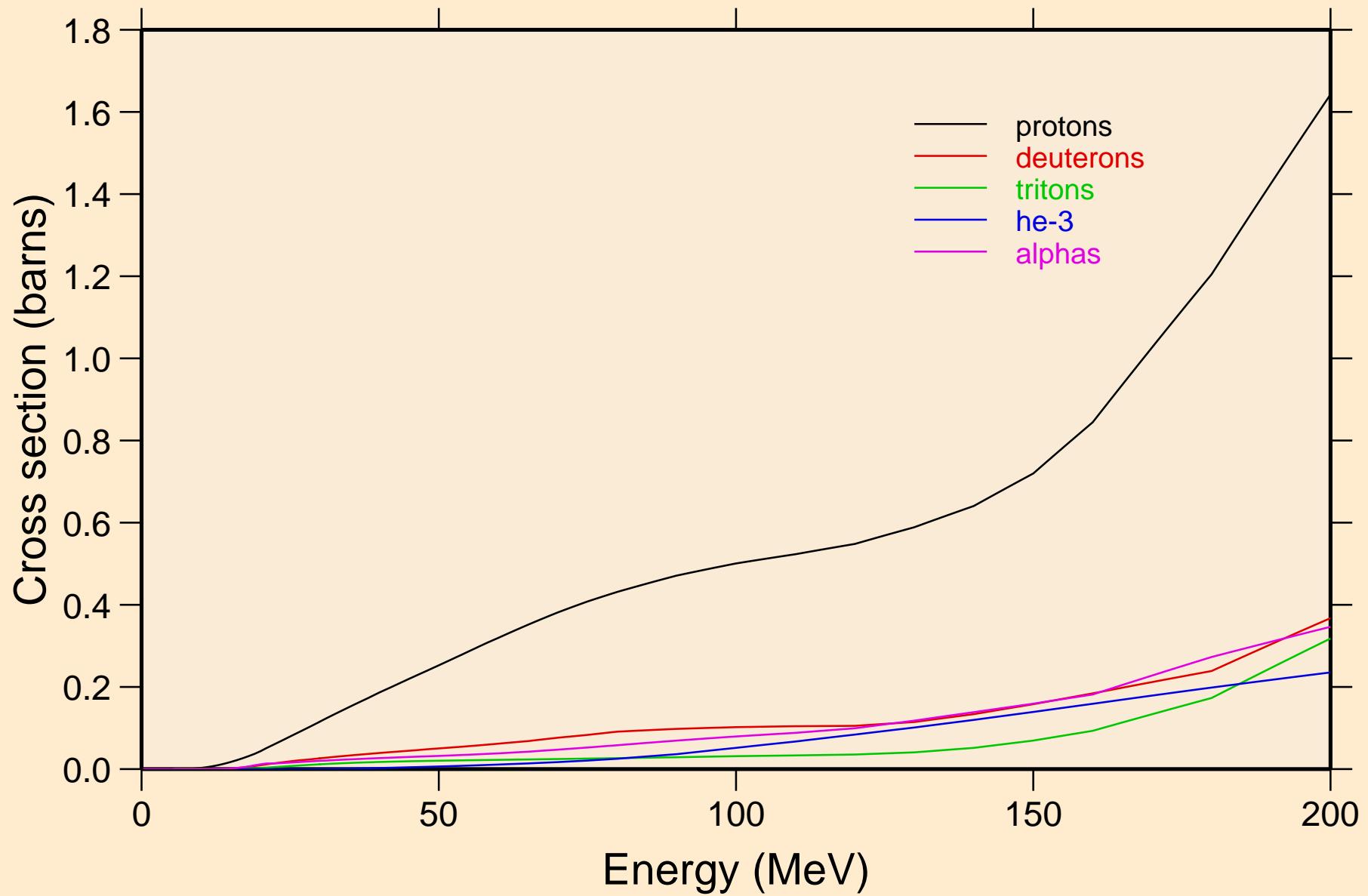
# IN118M NRG TENDL-2015, AKONING

## Recoil Heating

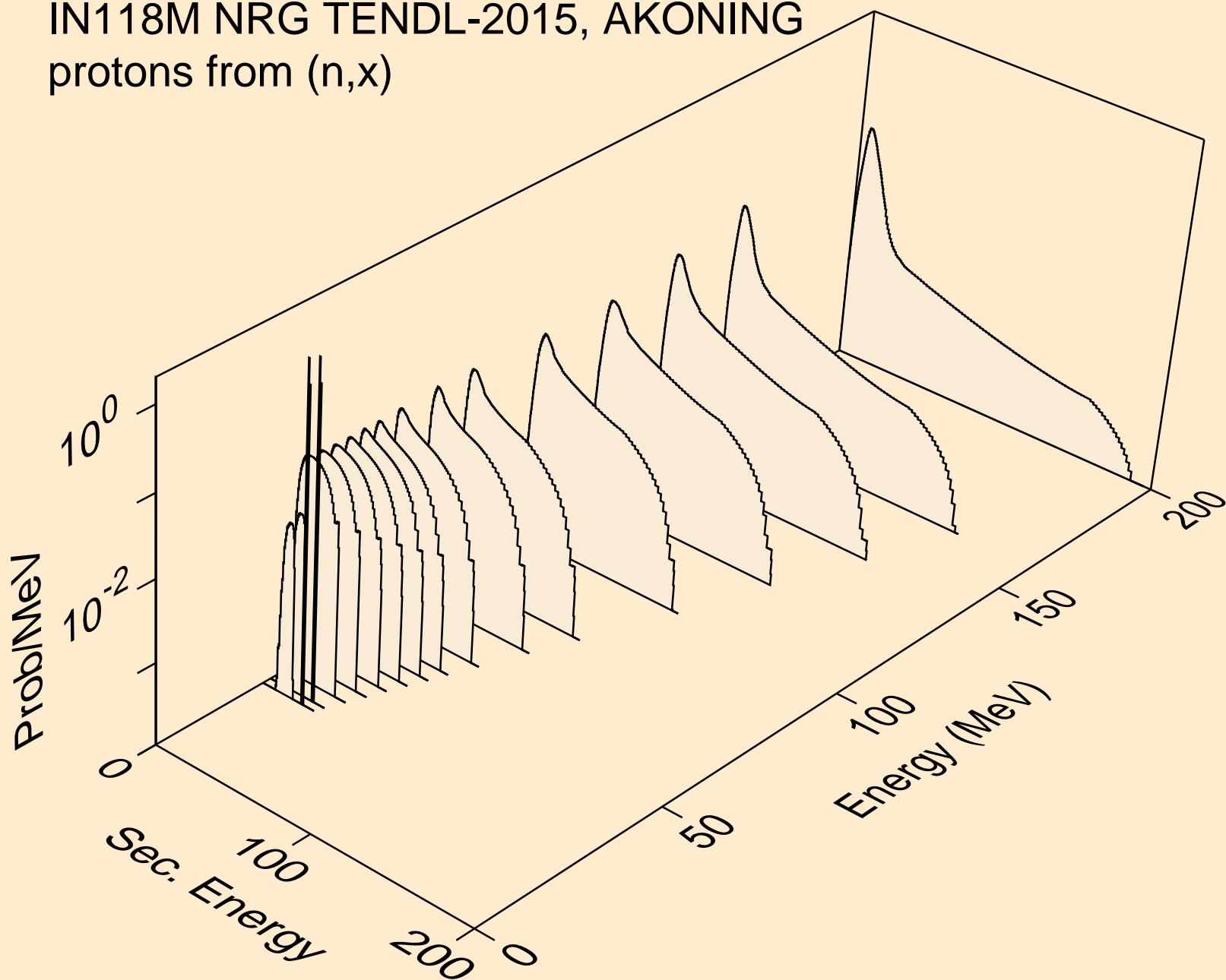


# IN118M NRG TENDL-2015, AKONING

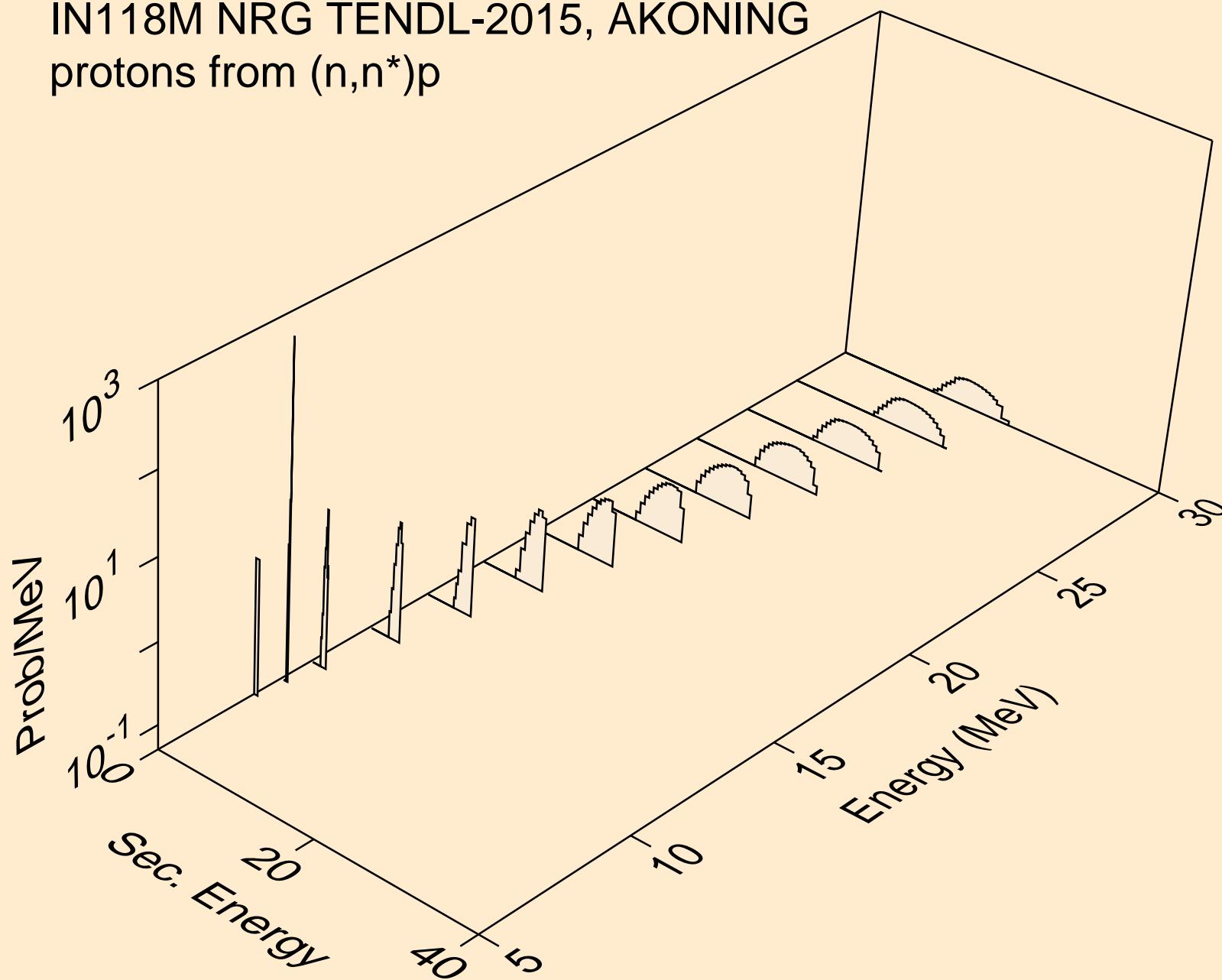
## Particle production cross sections



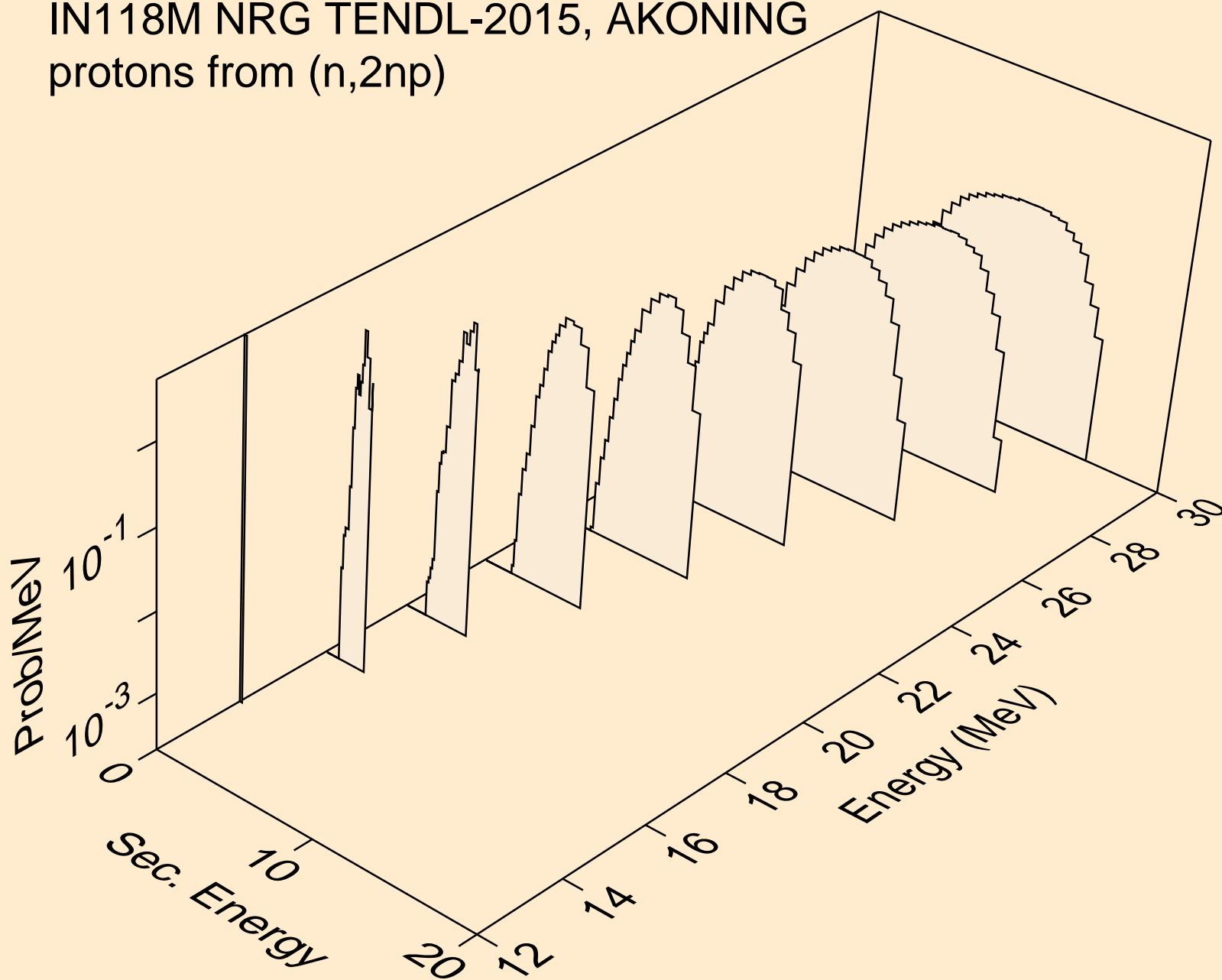
IN118M NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



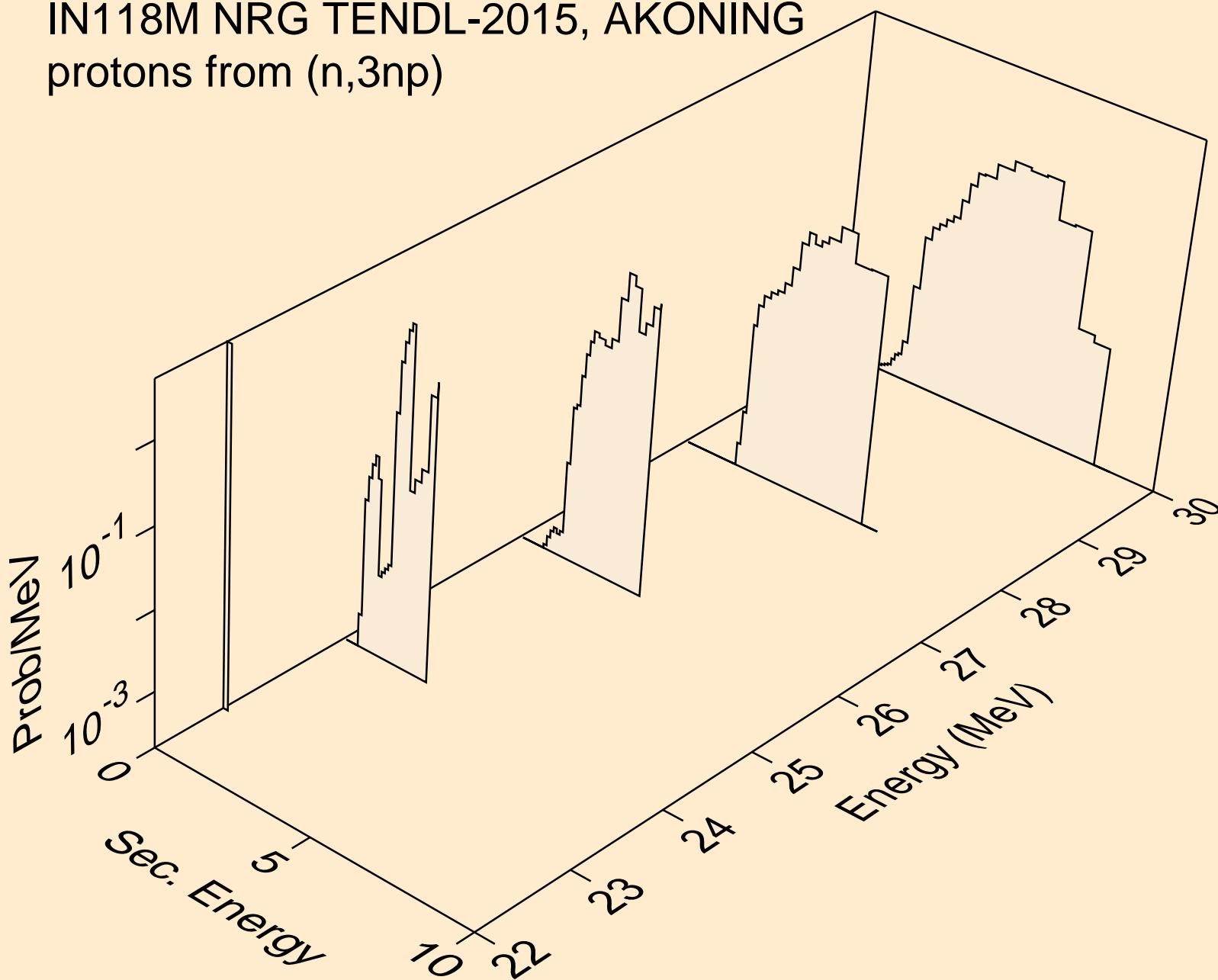
IN118M NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



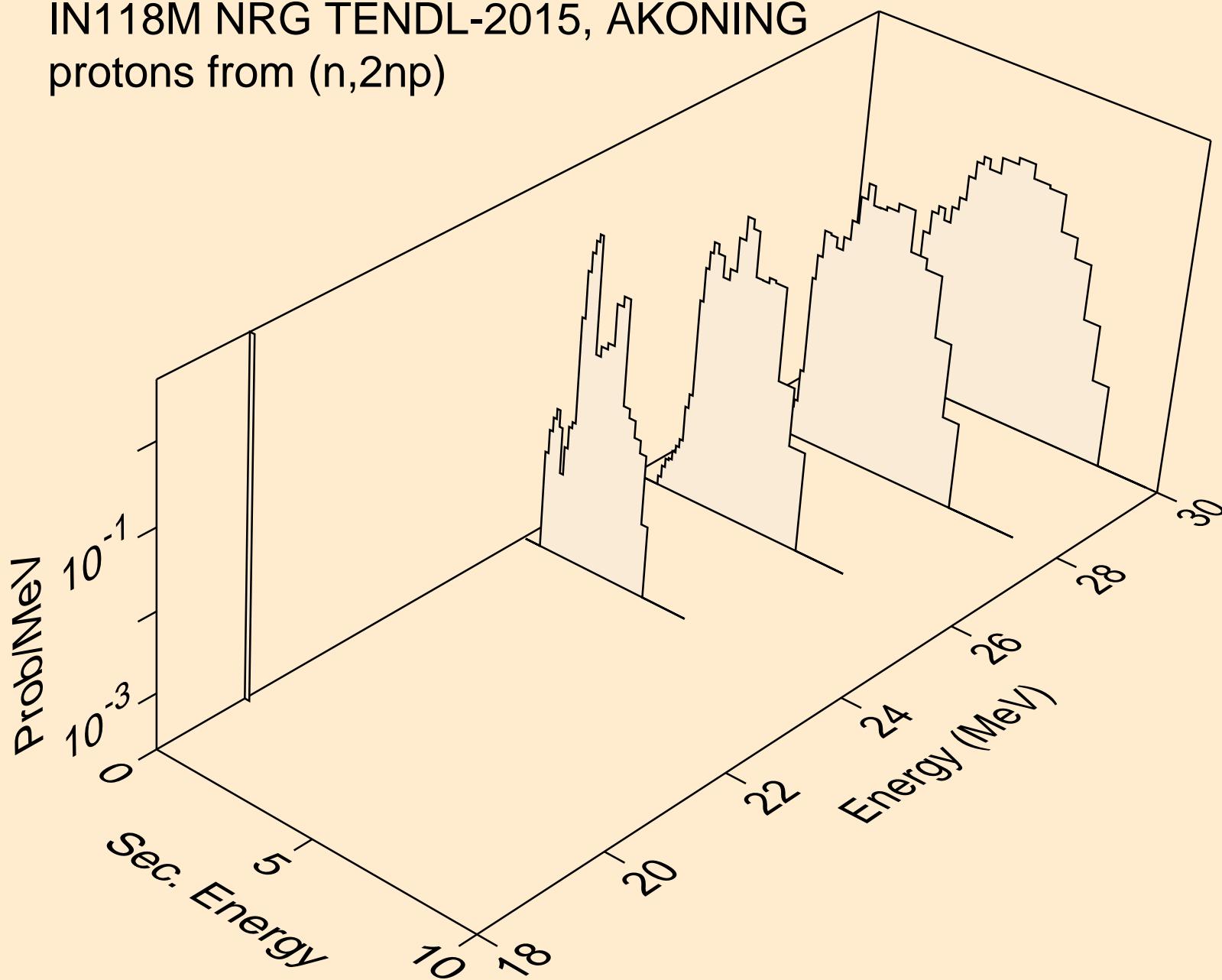
IN118M NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



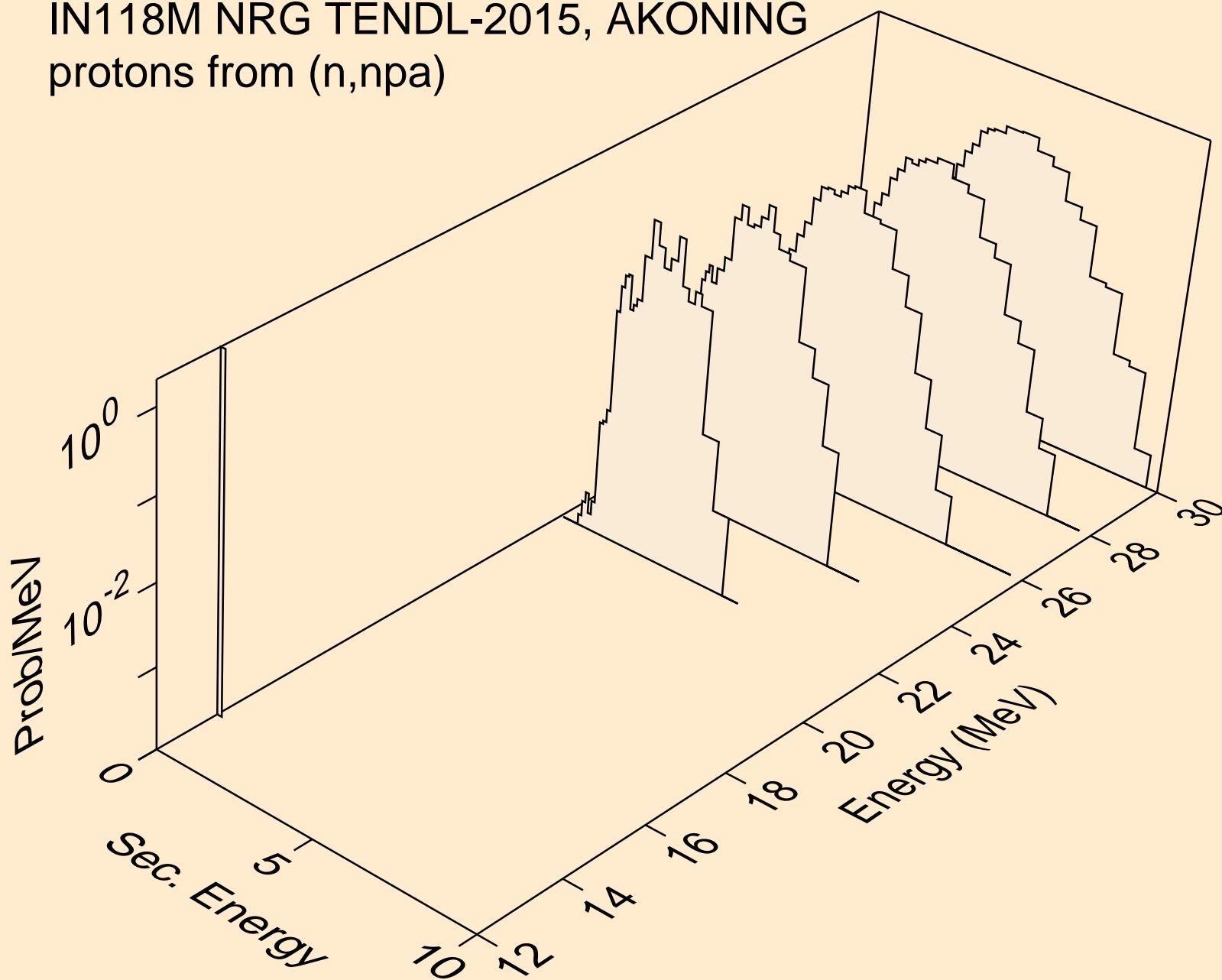
IN118M NRG TENDL-2015, AKONING  
protons from ( $n,3np$ )



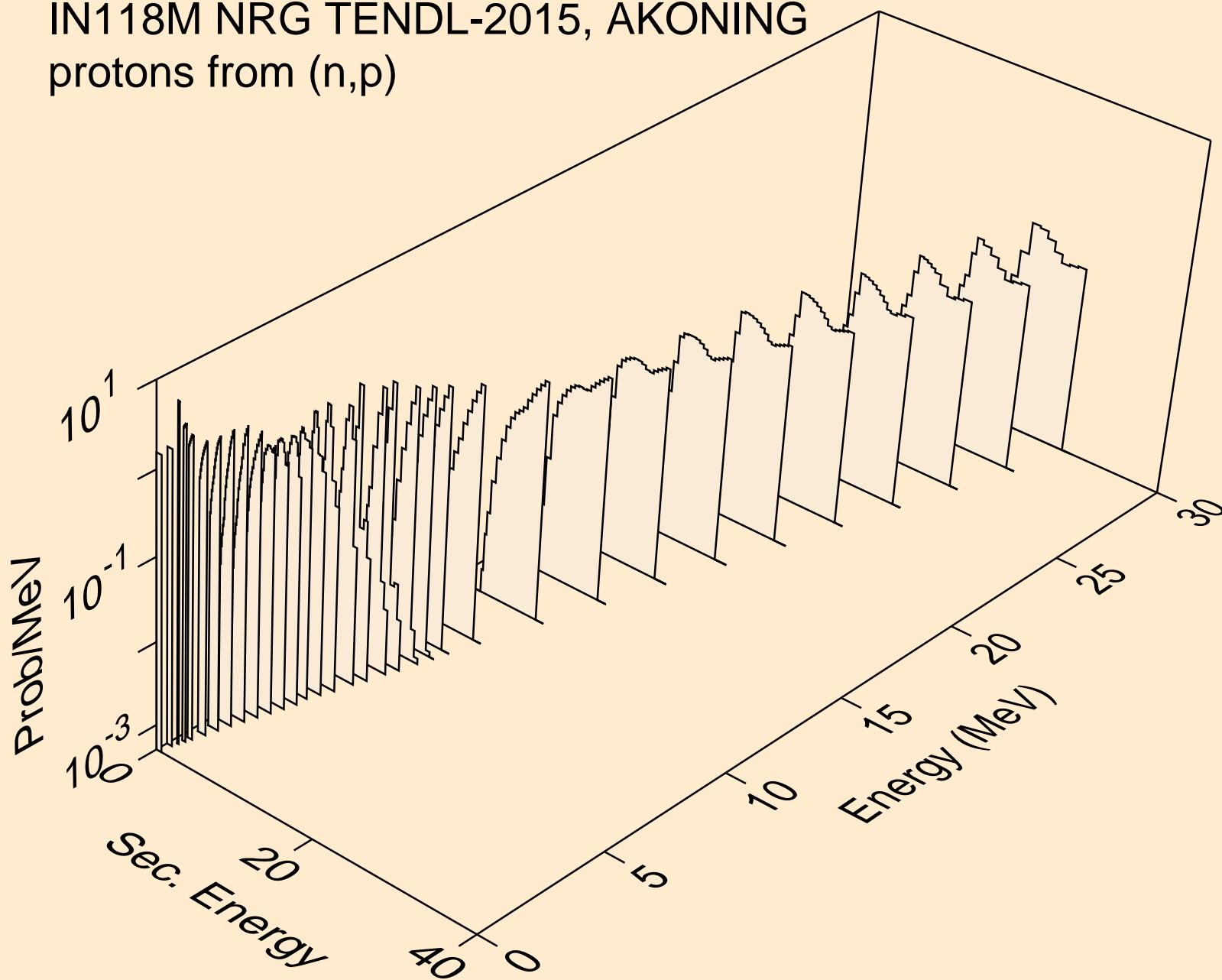
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protons from ( $n,2np$ )



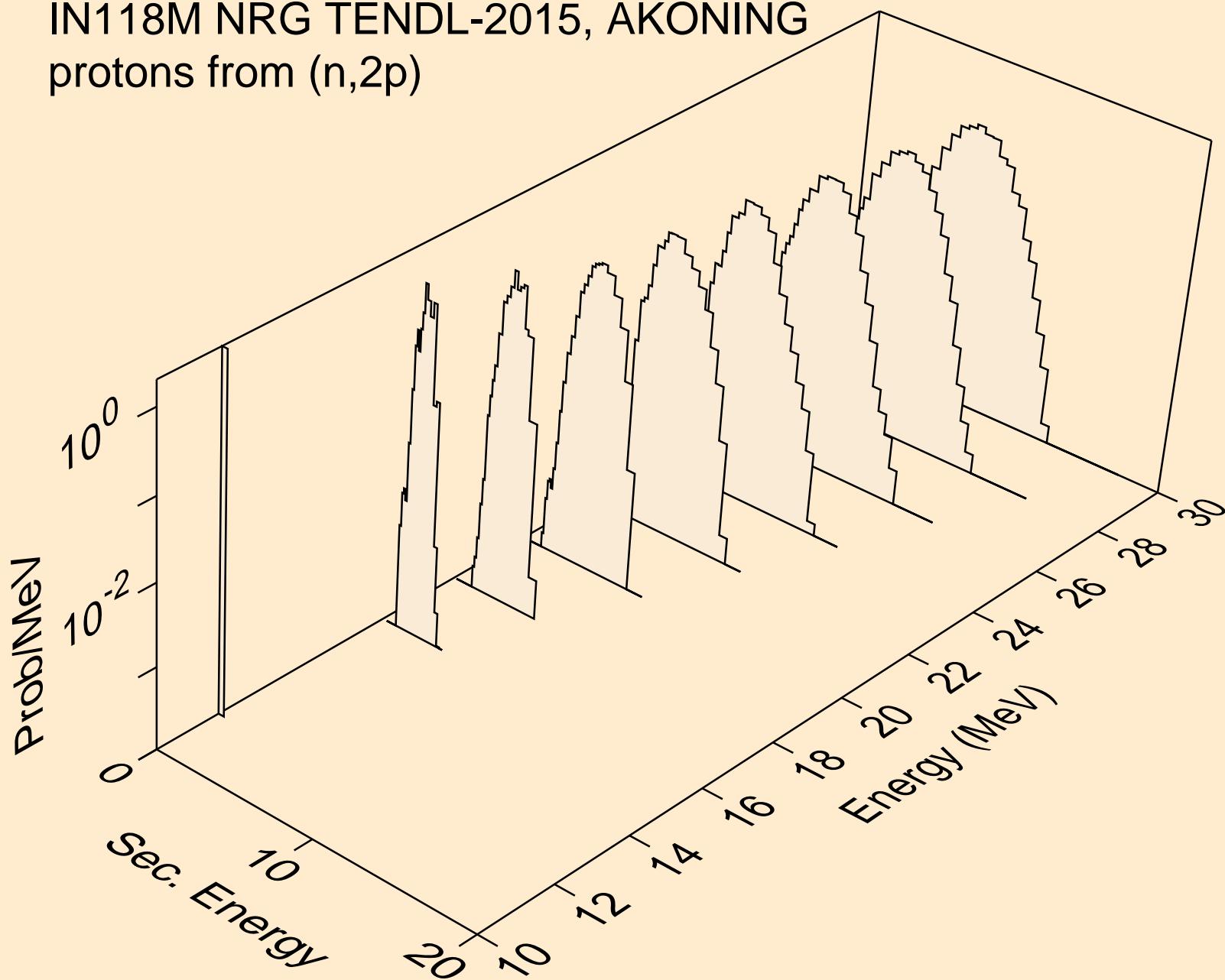
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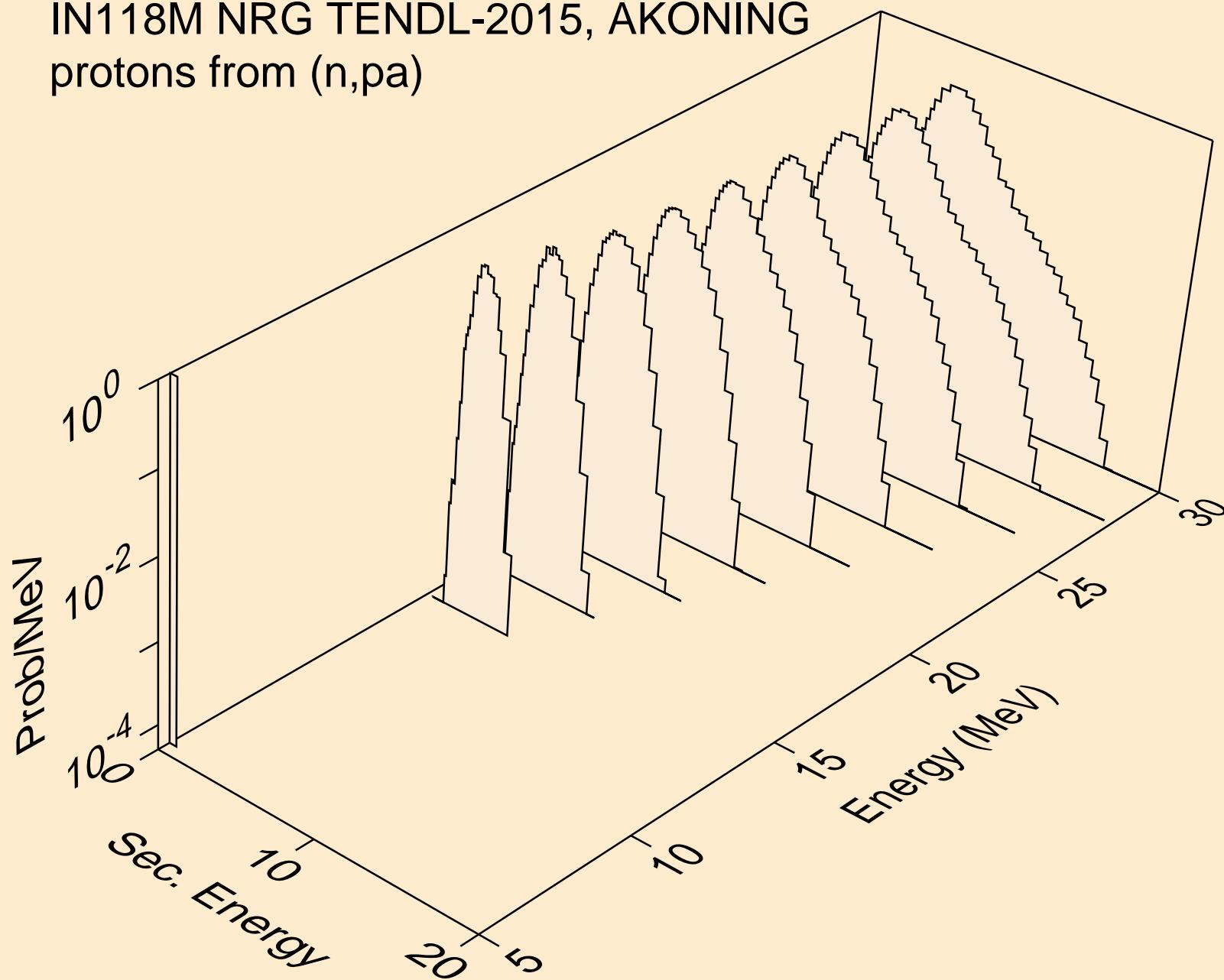
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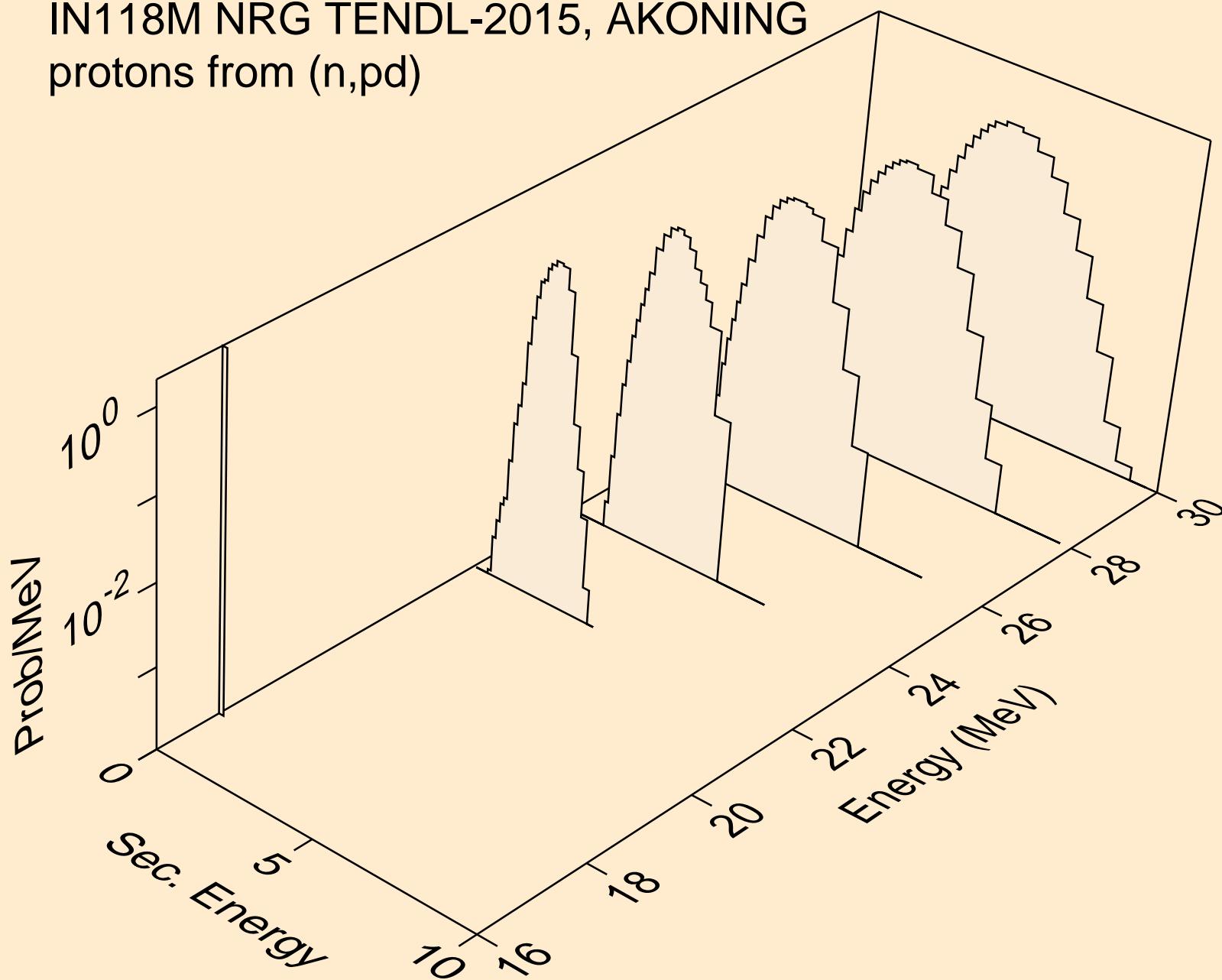
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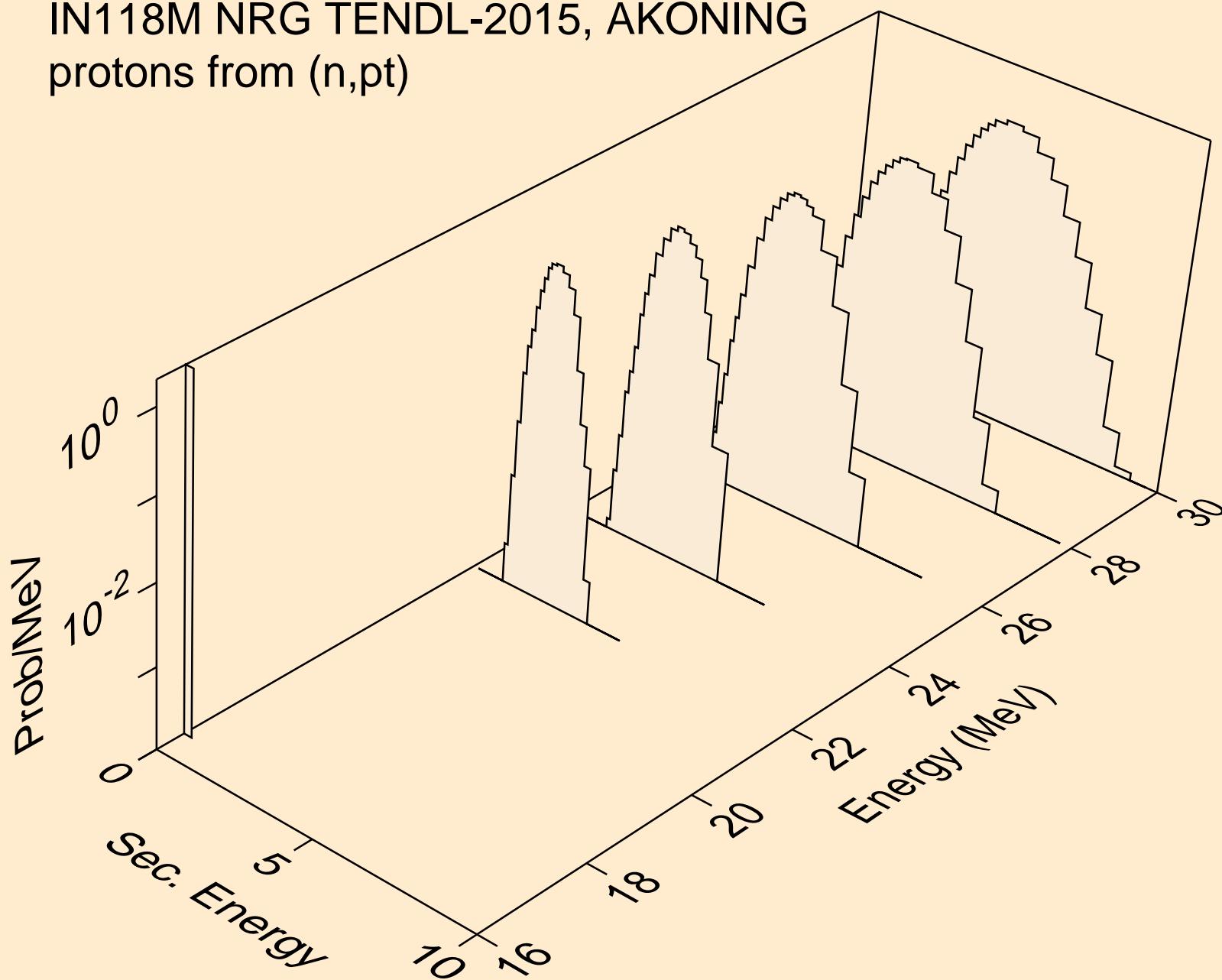
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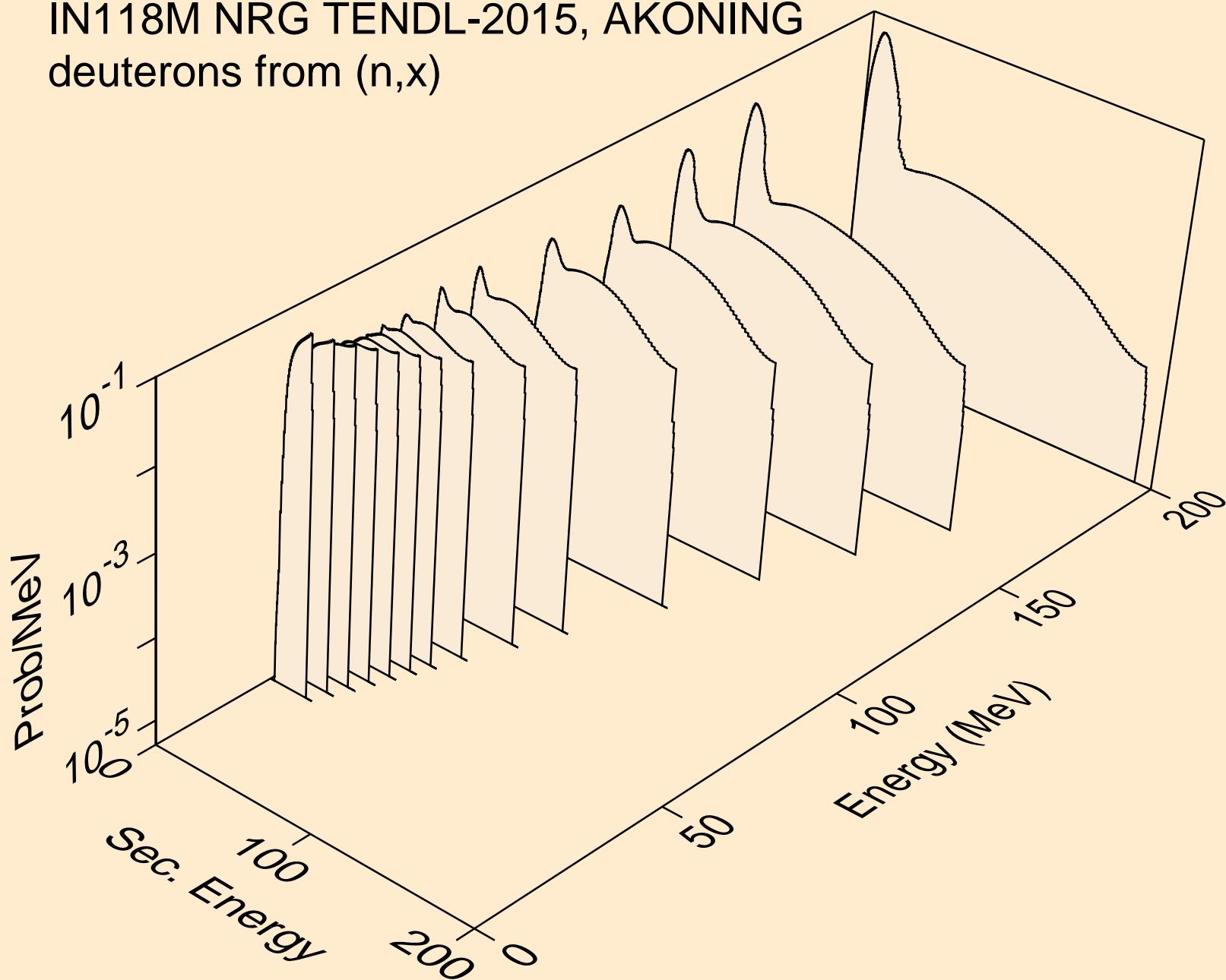
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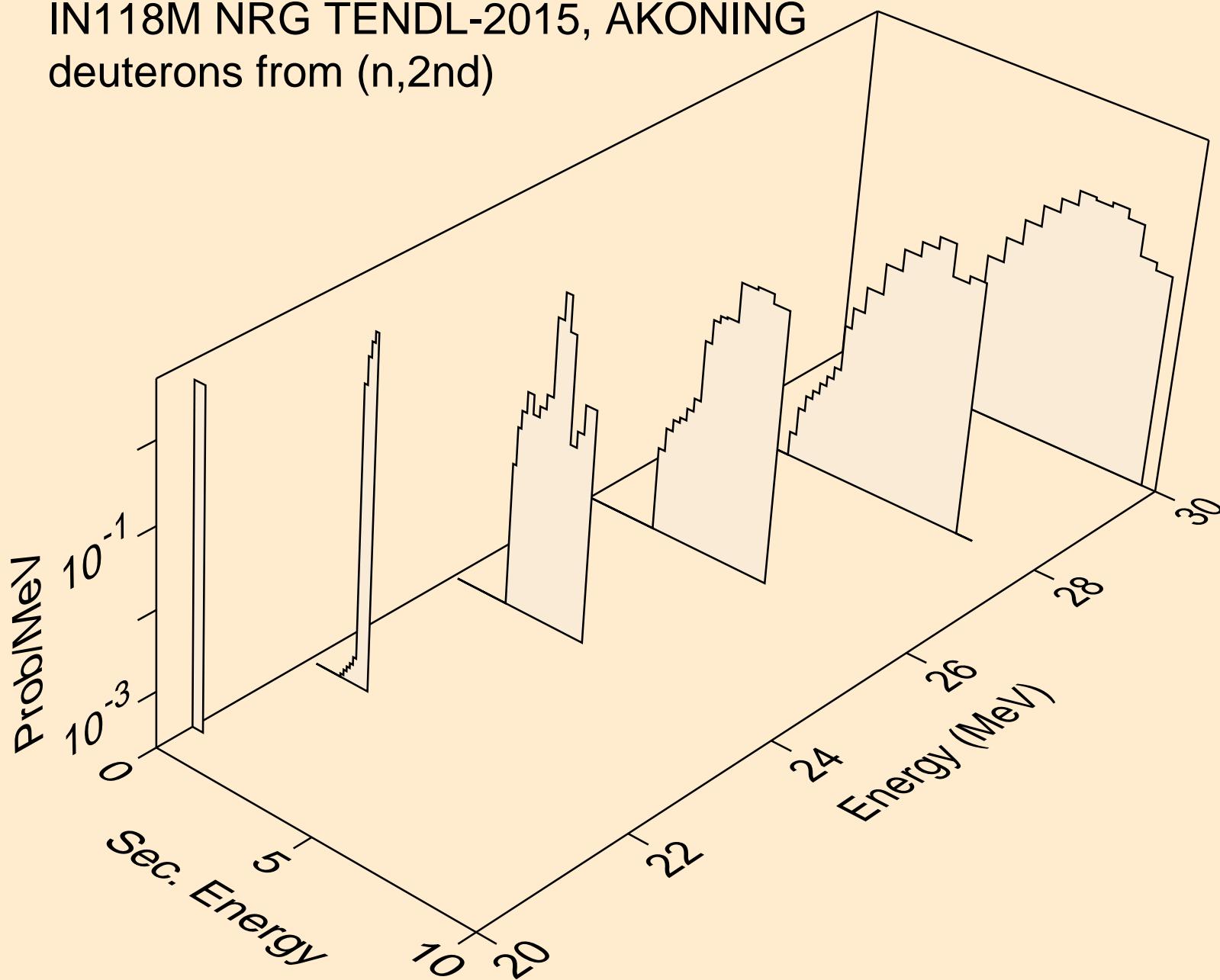
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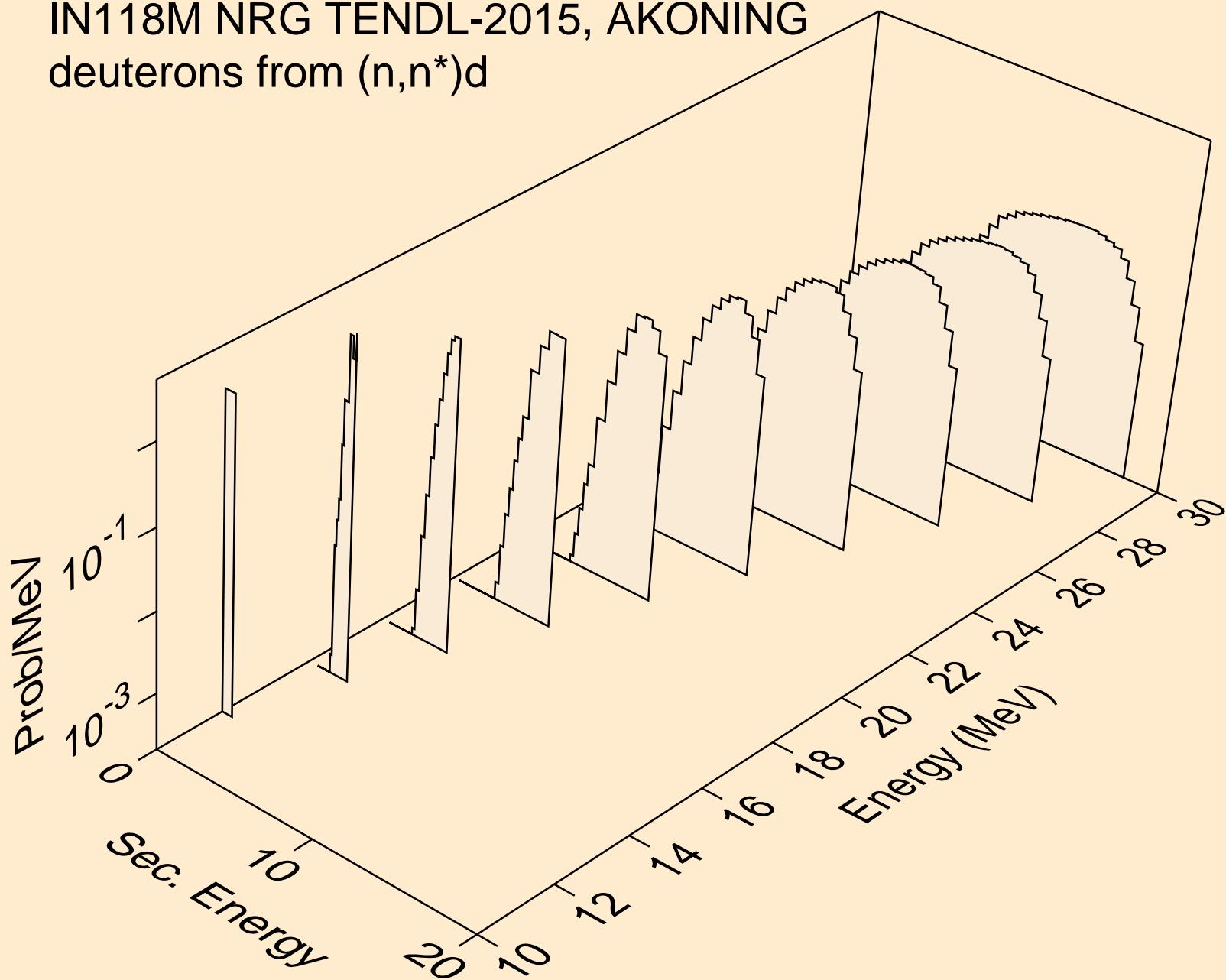
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deuterons from ( $n,x$ )



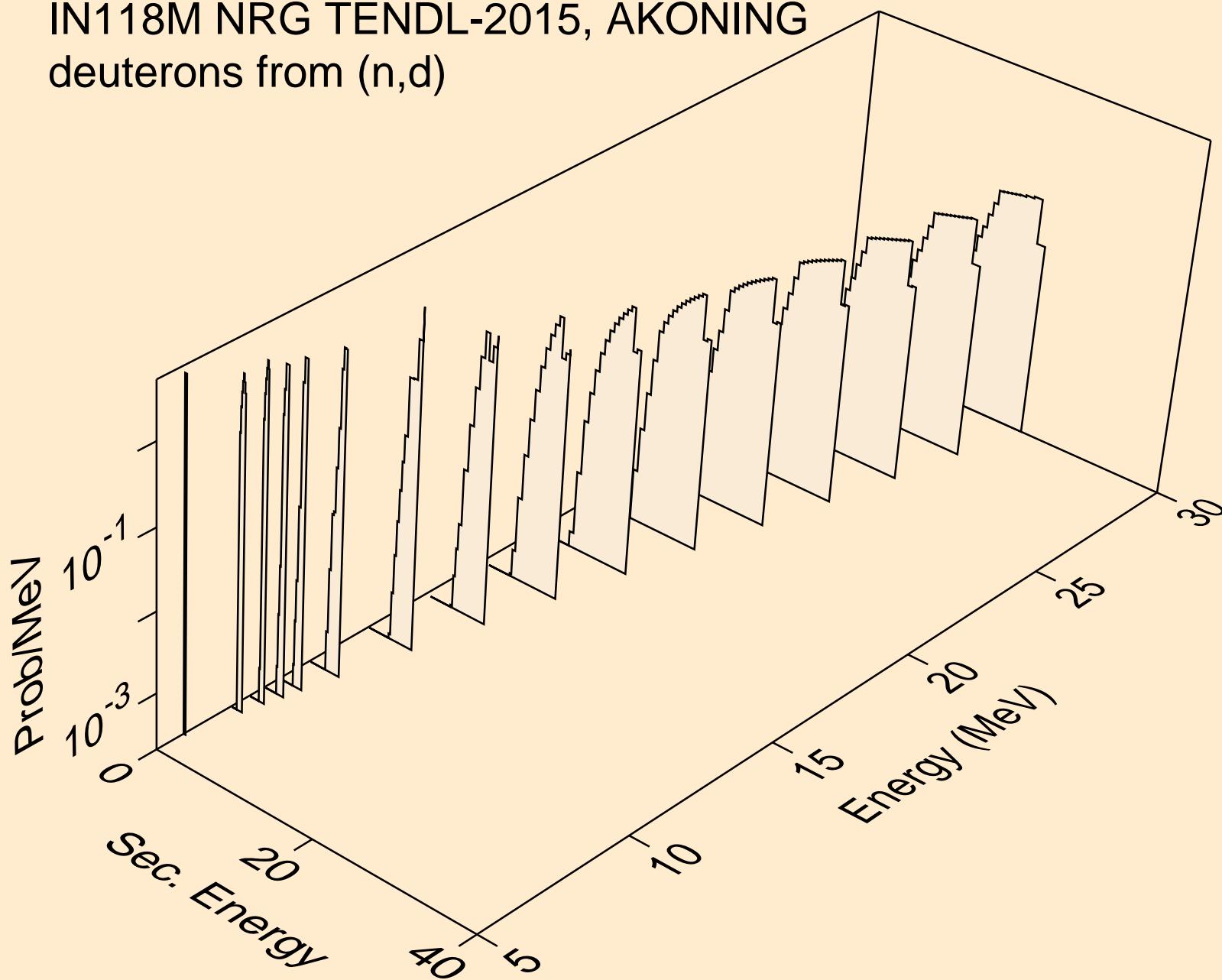
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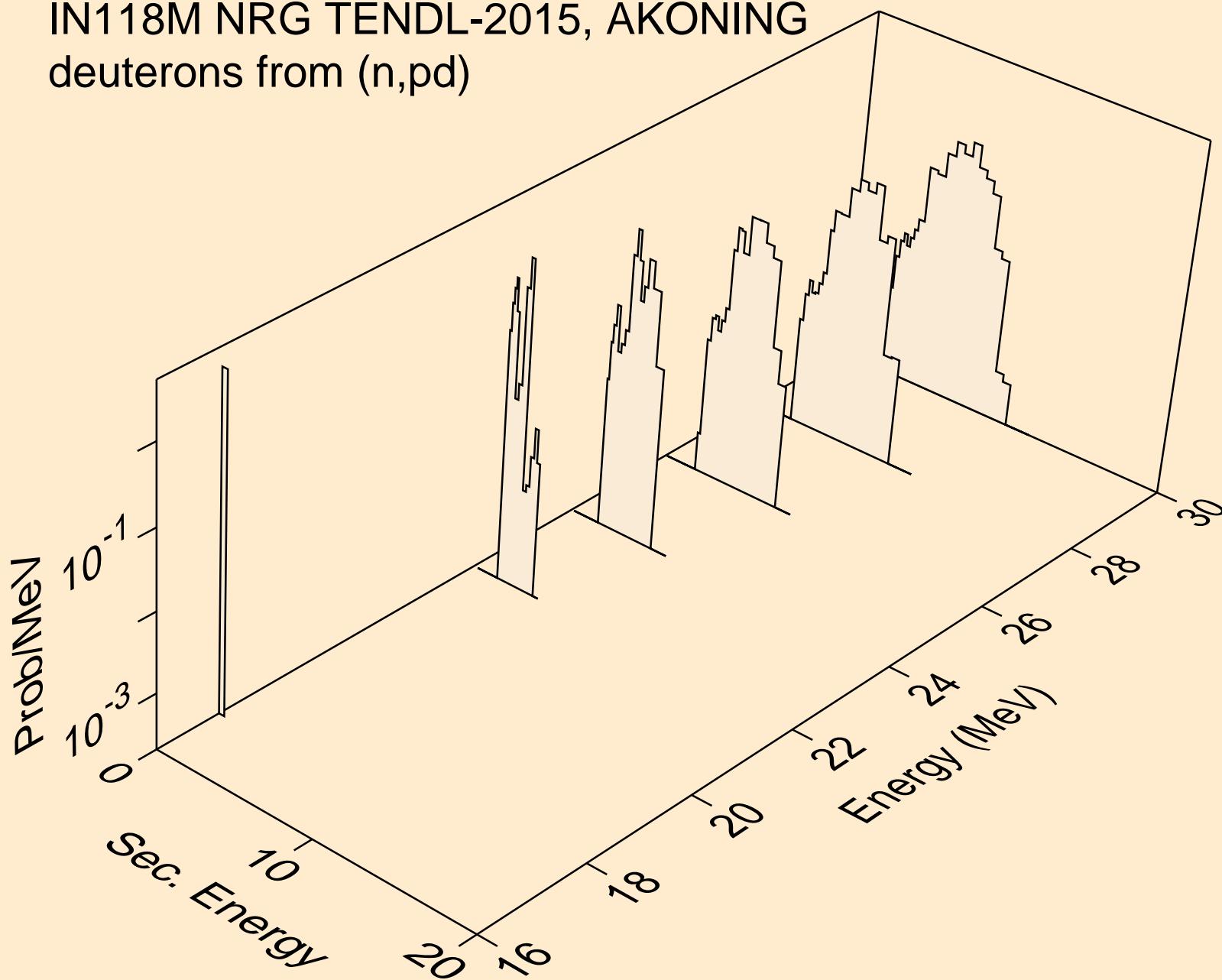
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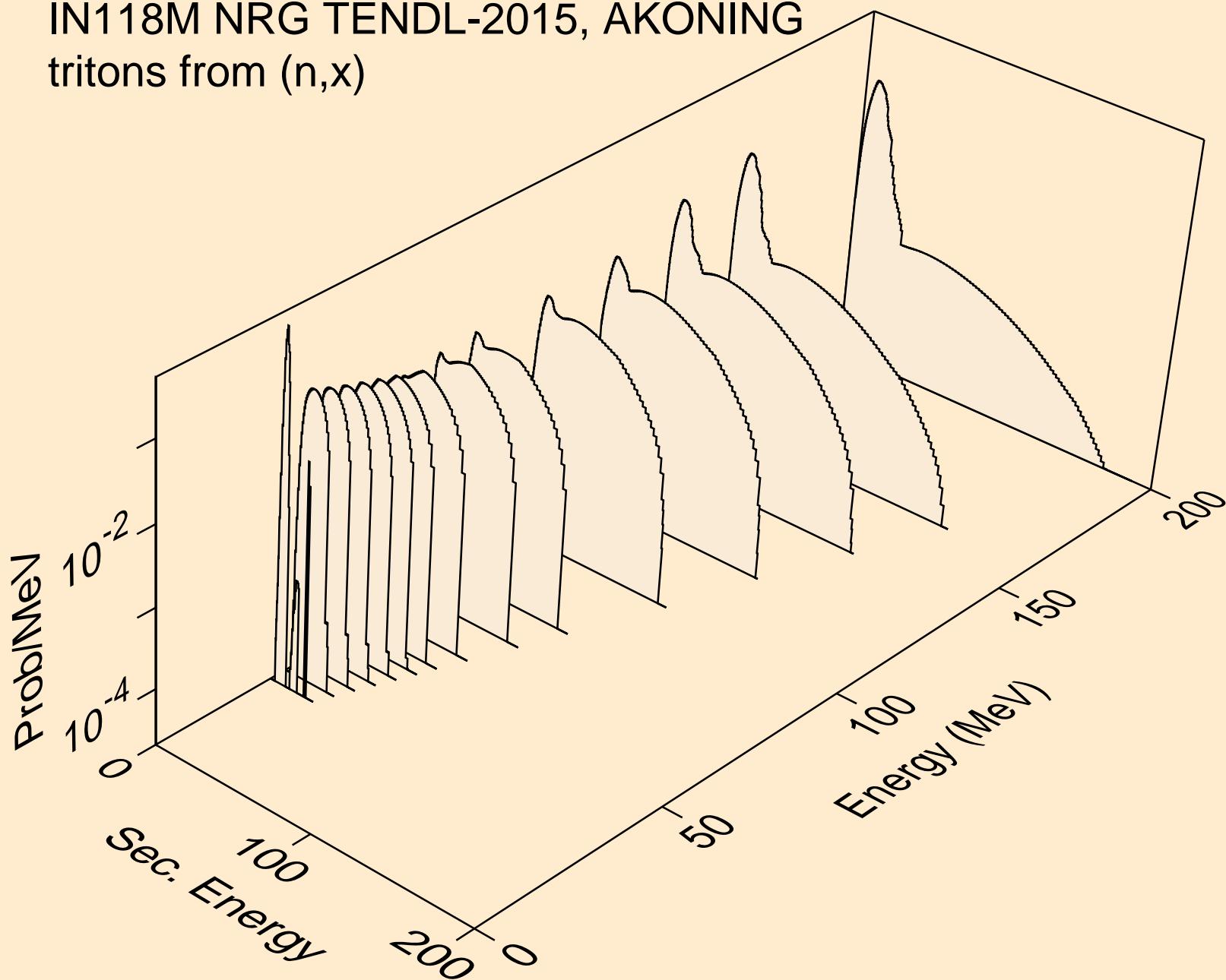
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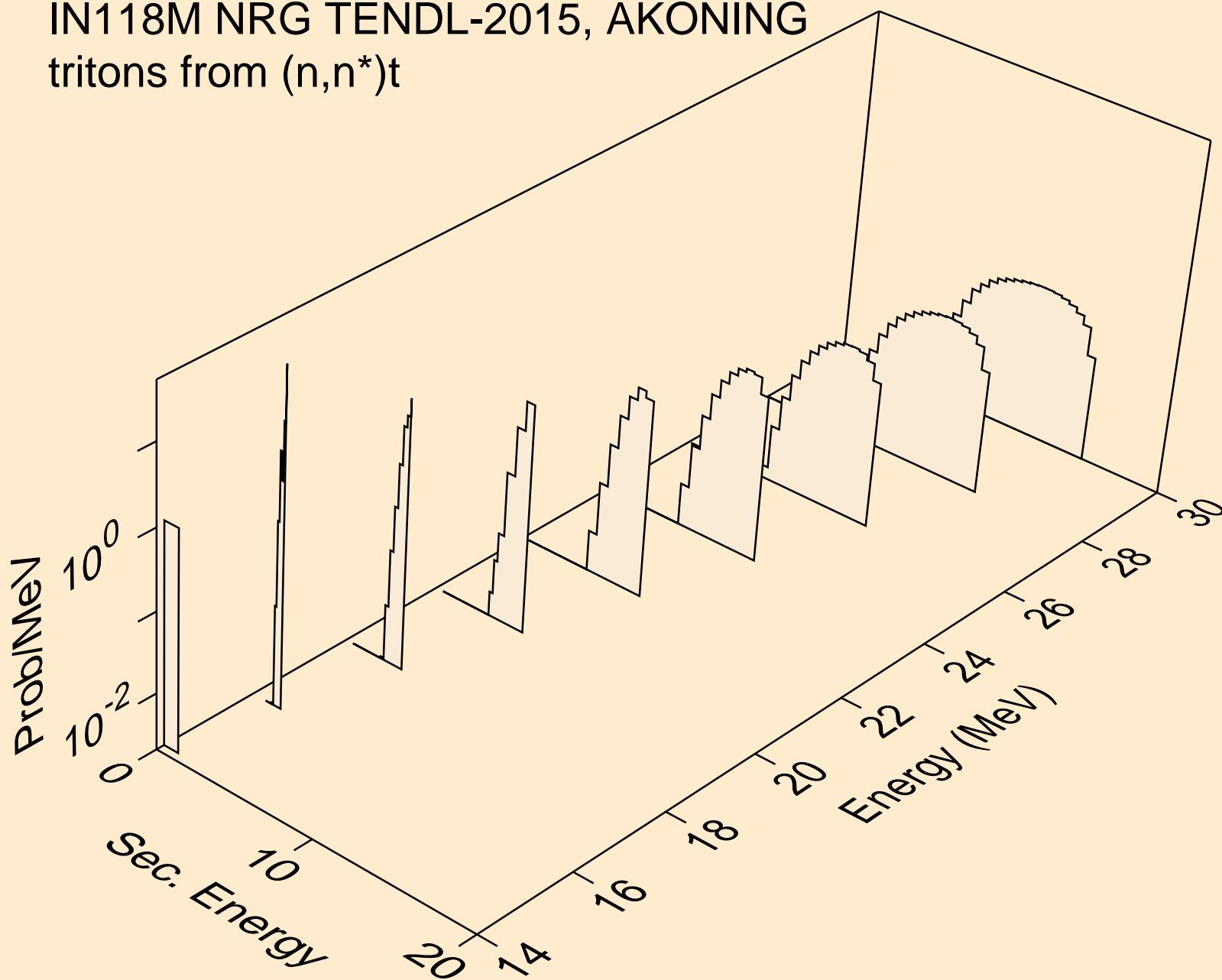
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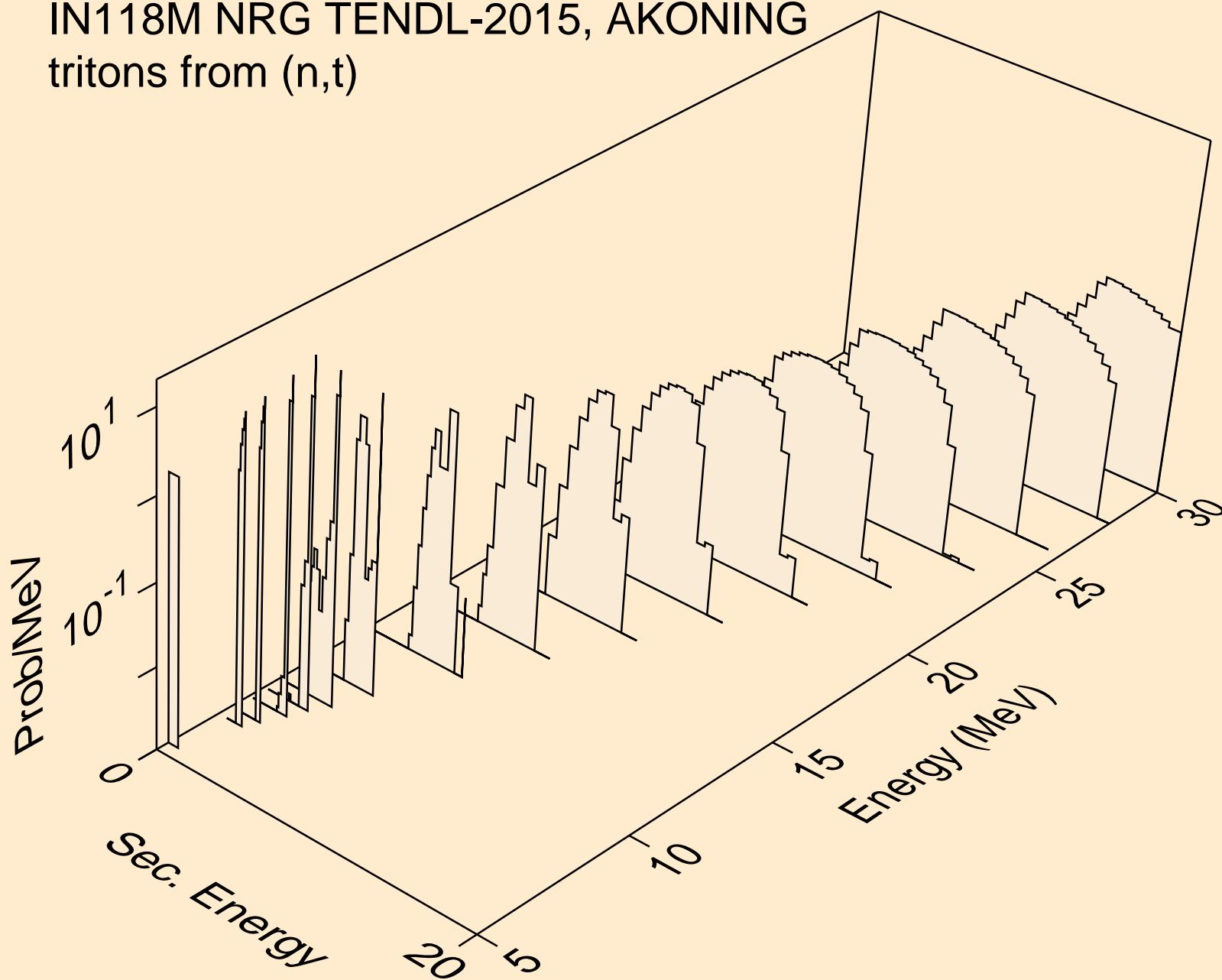
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tritons from ( $n,x$ )



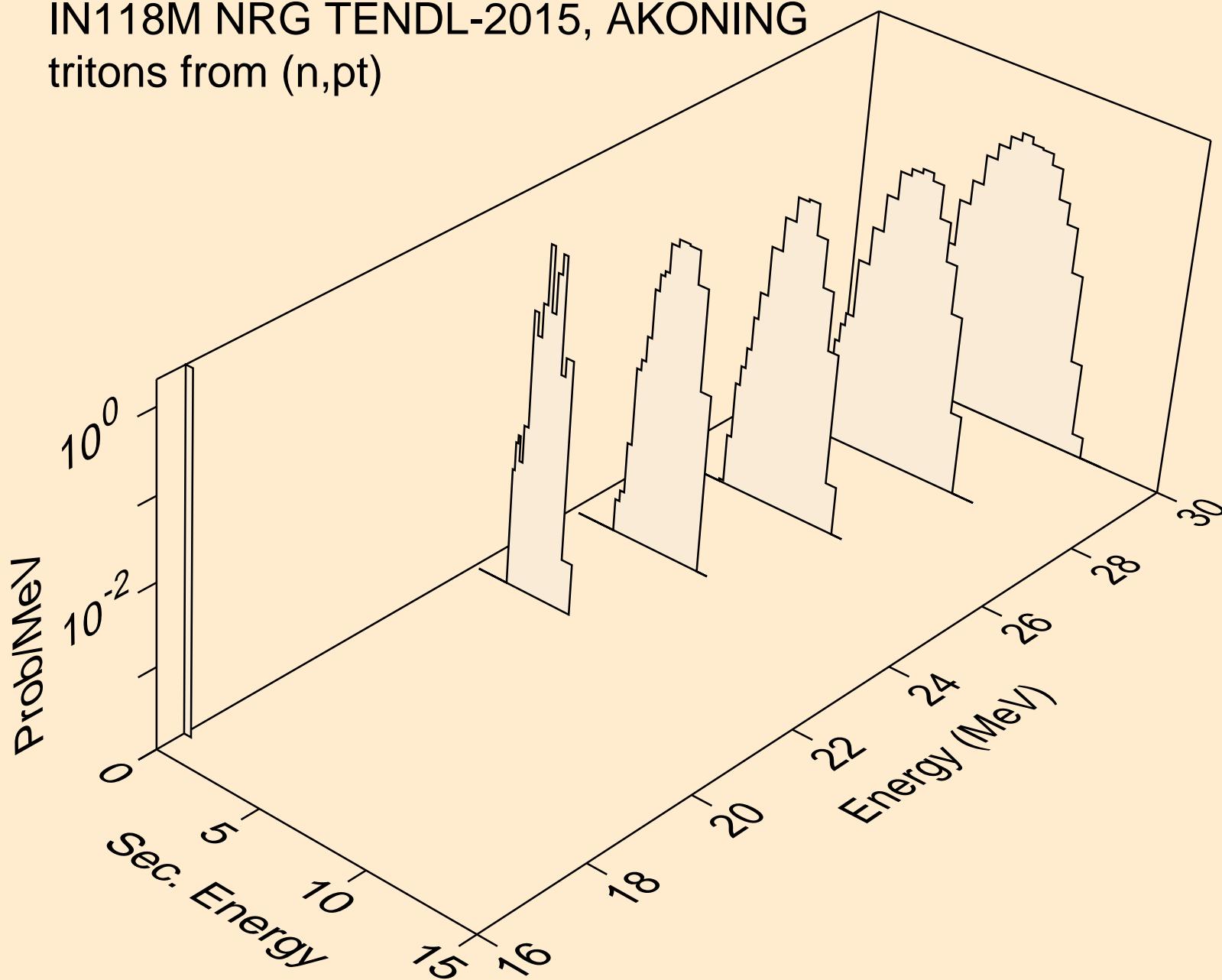
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tritons from  $(n,n^*)t$



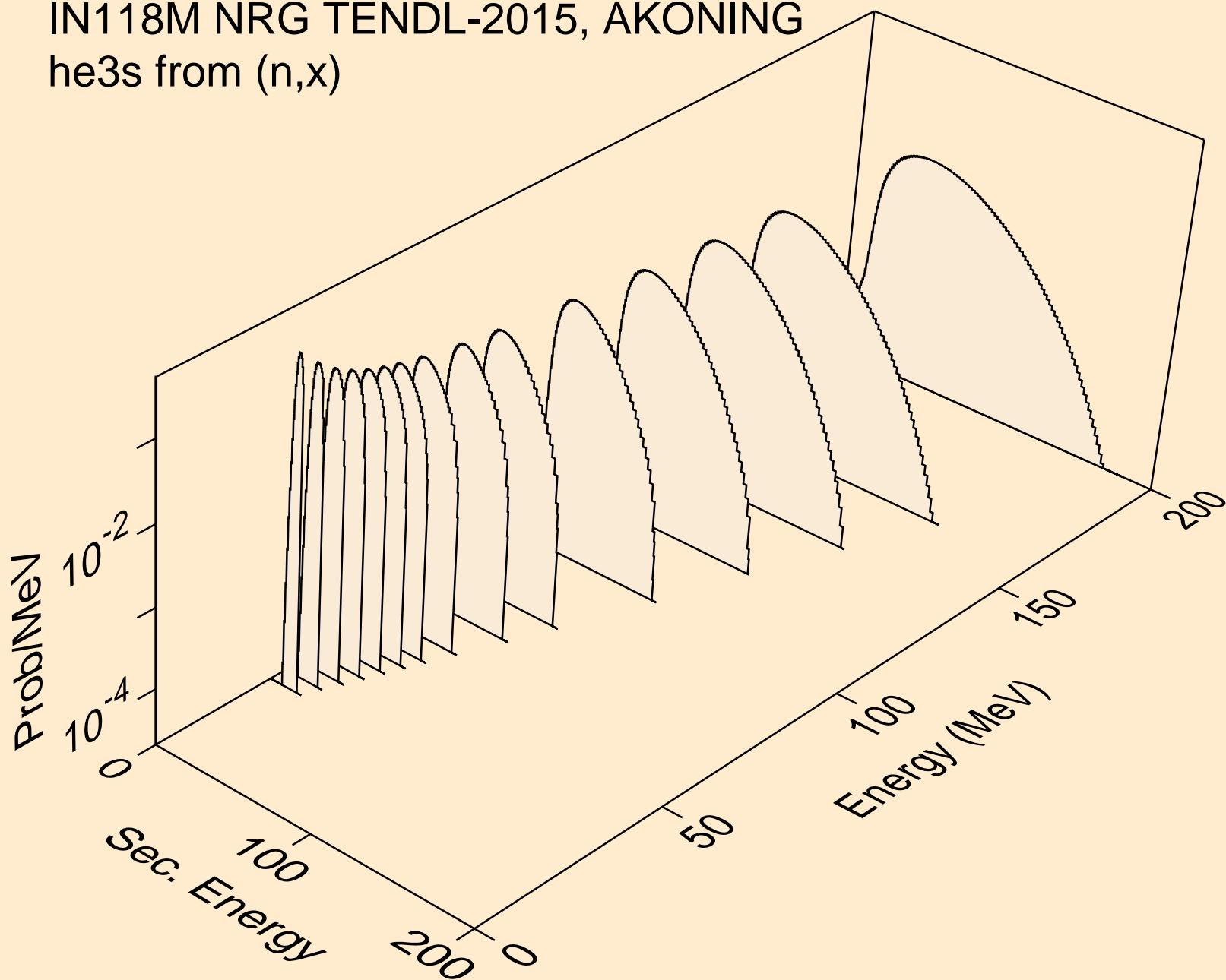
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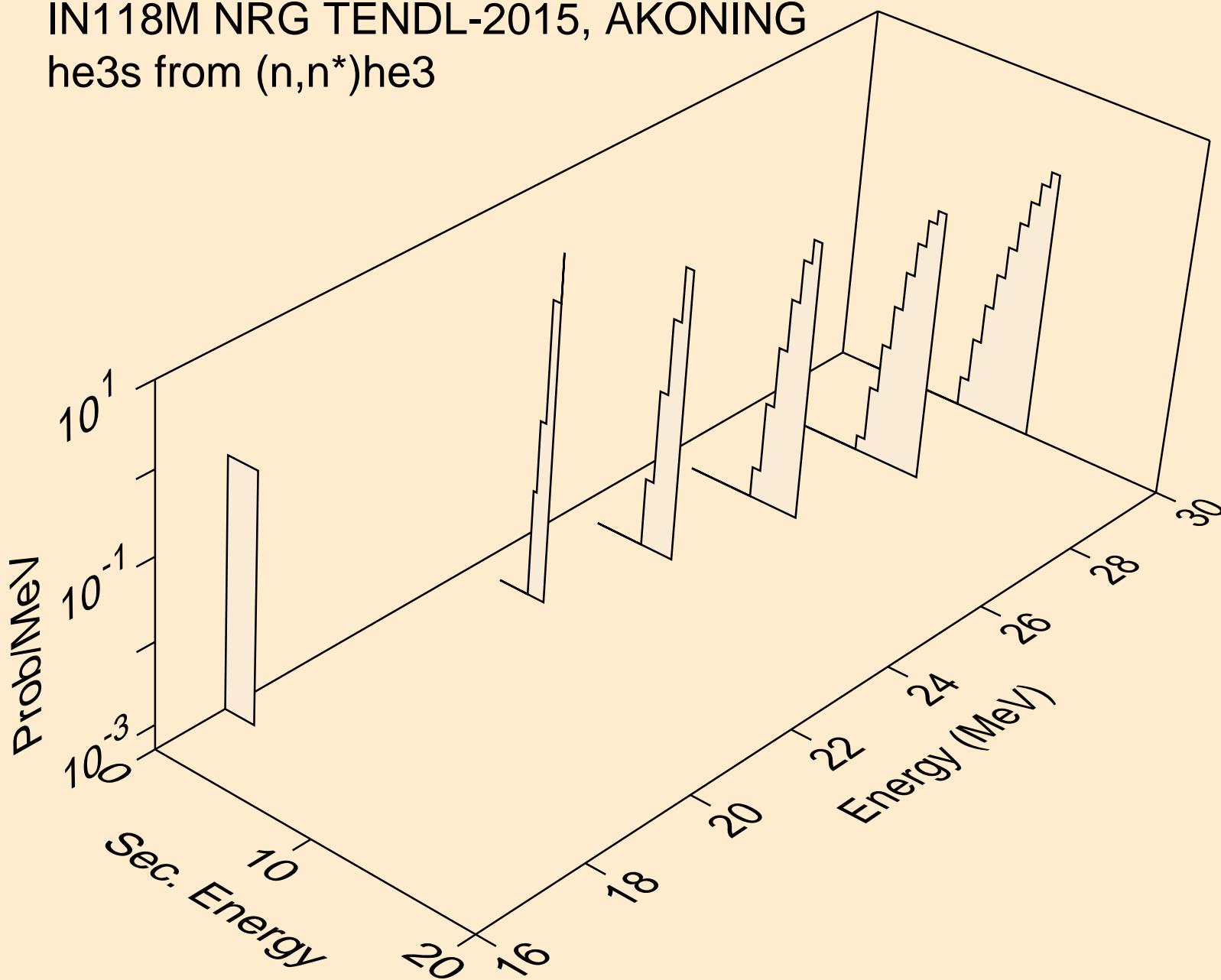
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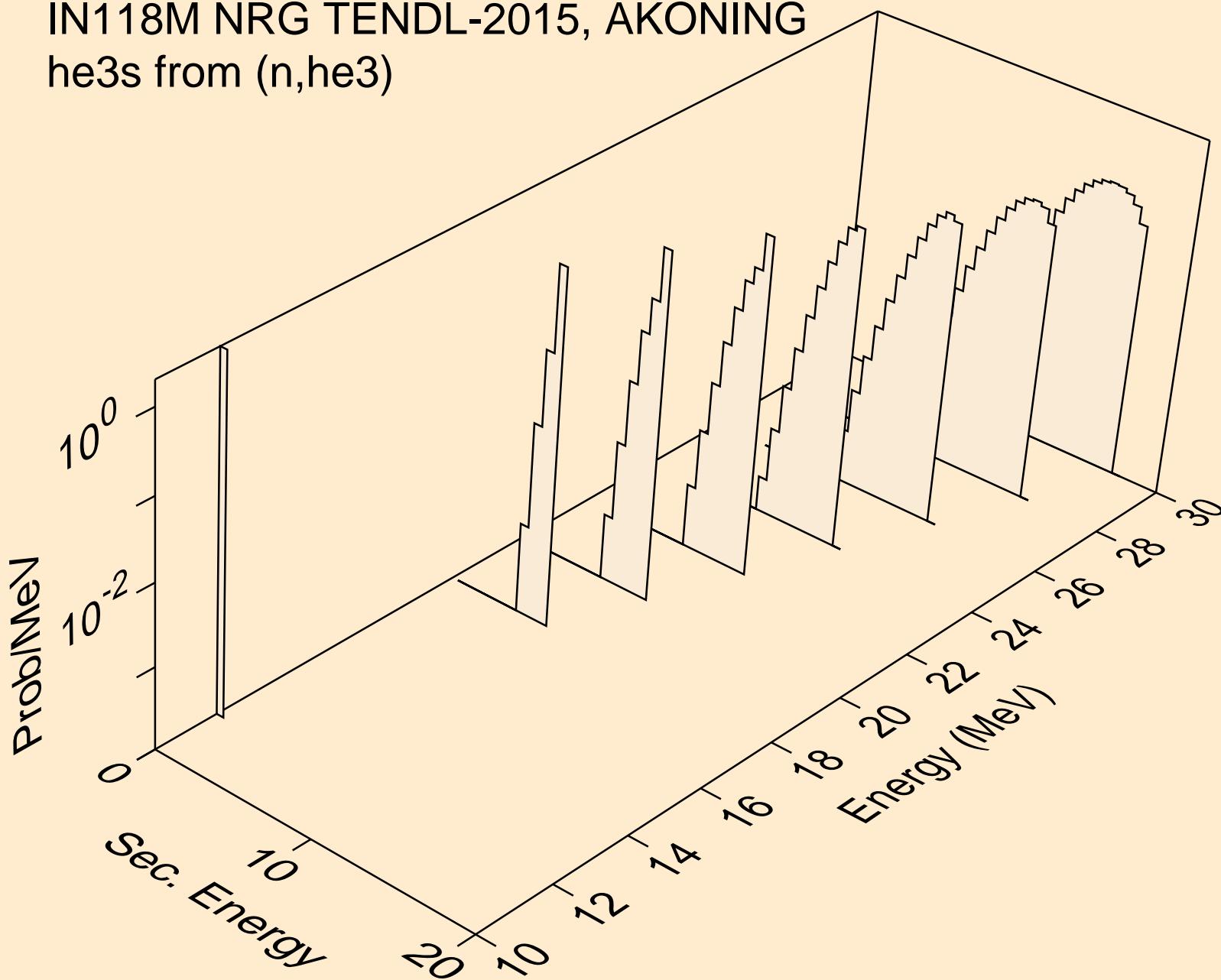
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he3s from (n,x)



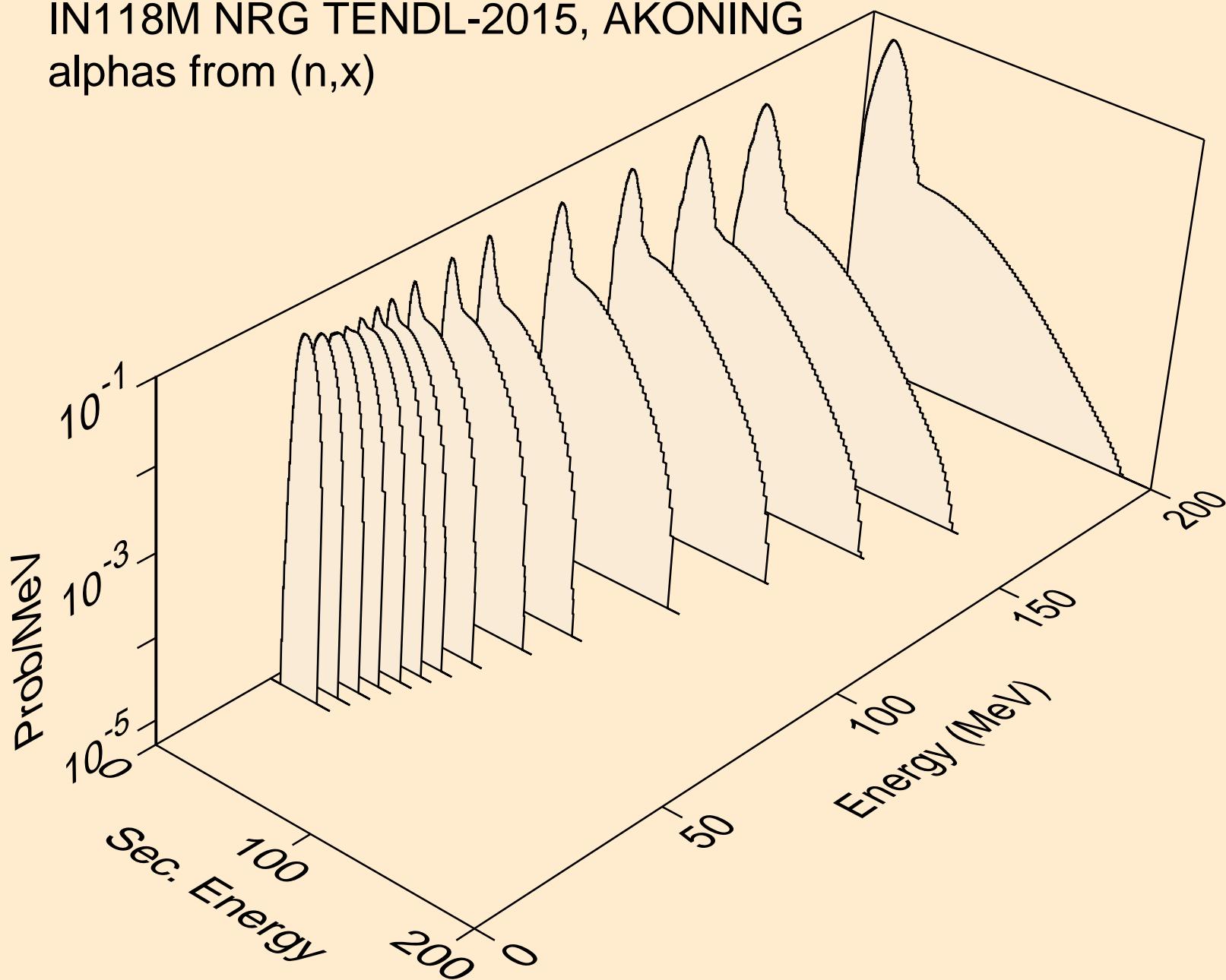
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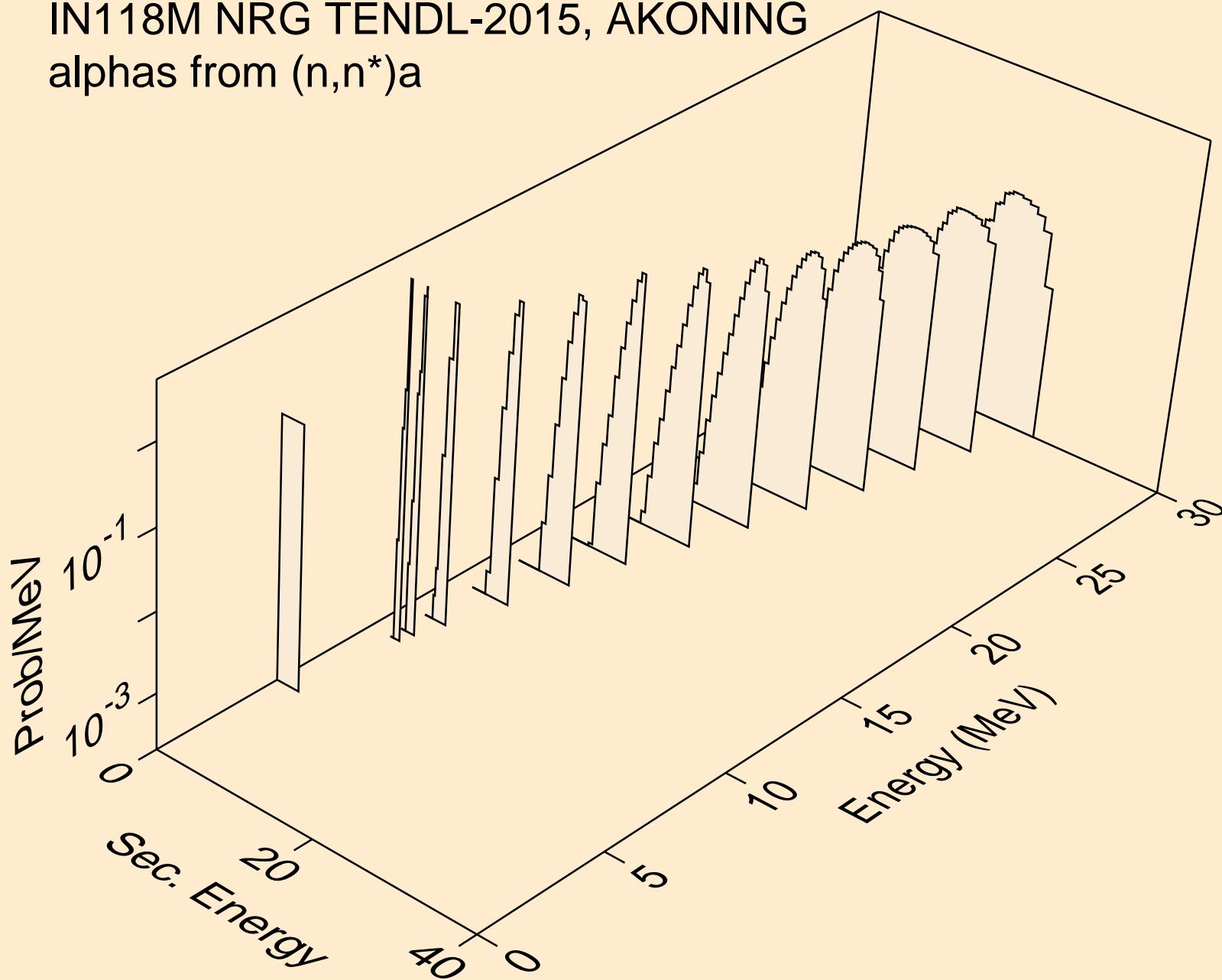
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he3s from (n,he3)



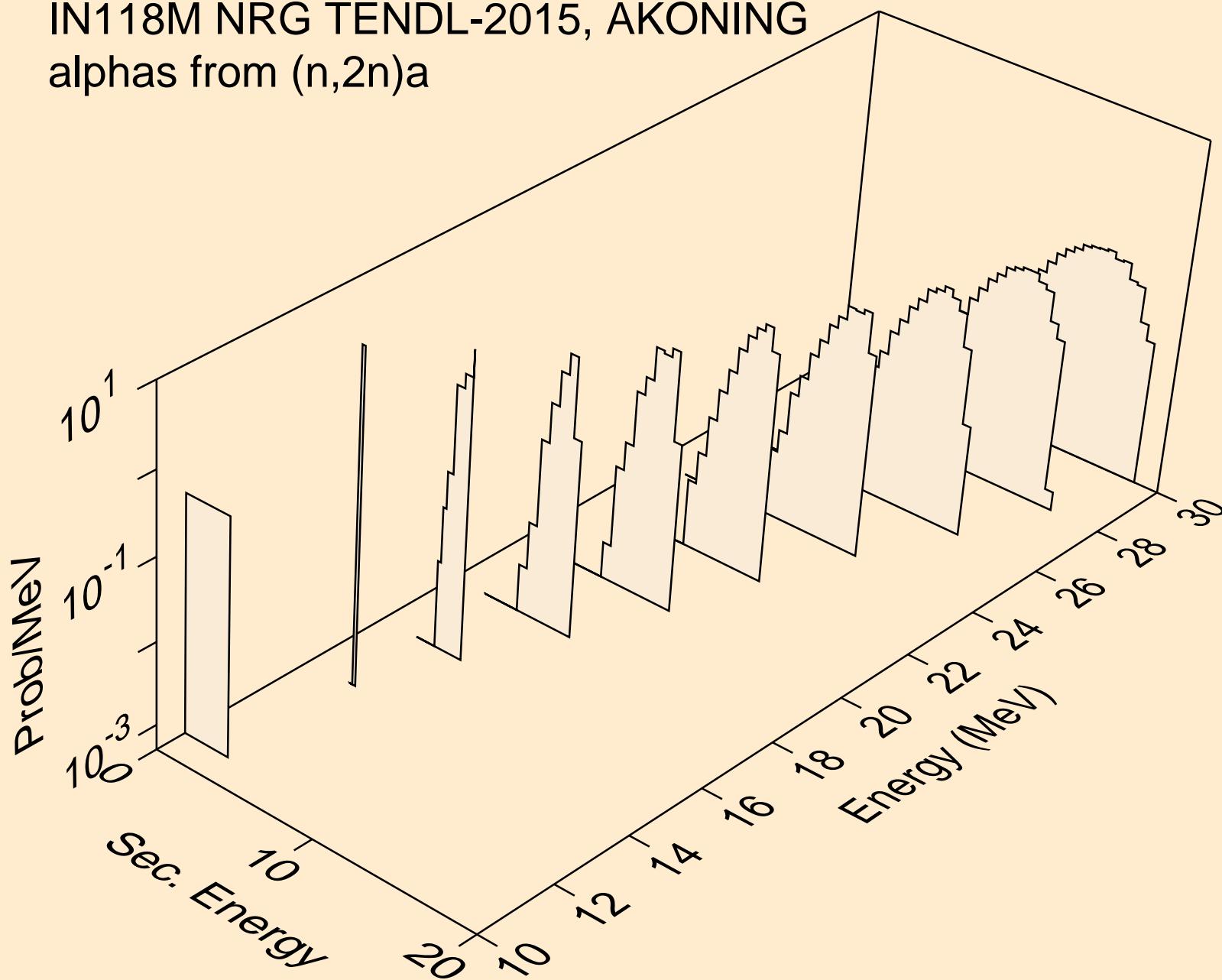
IN118M NRG TENDL-2015, AKONING  
alphas from (n,x)



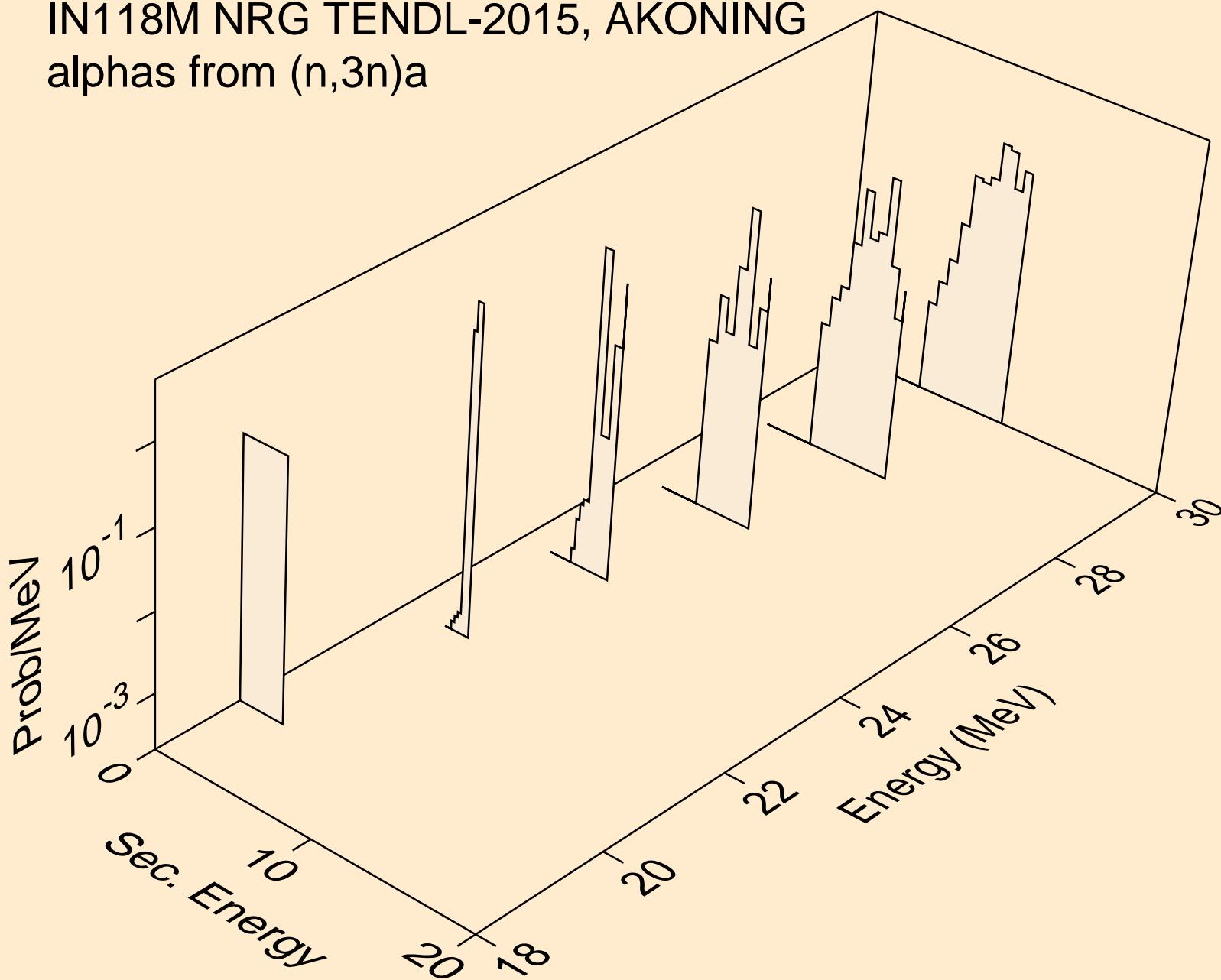
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alphas from  $(n,n^*)a$



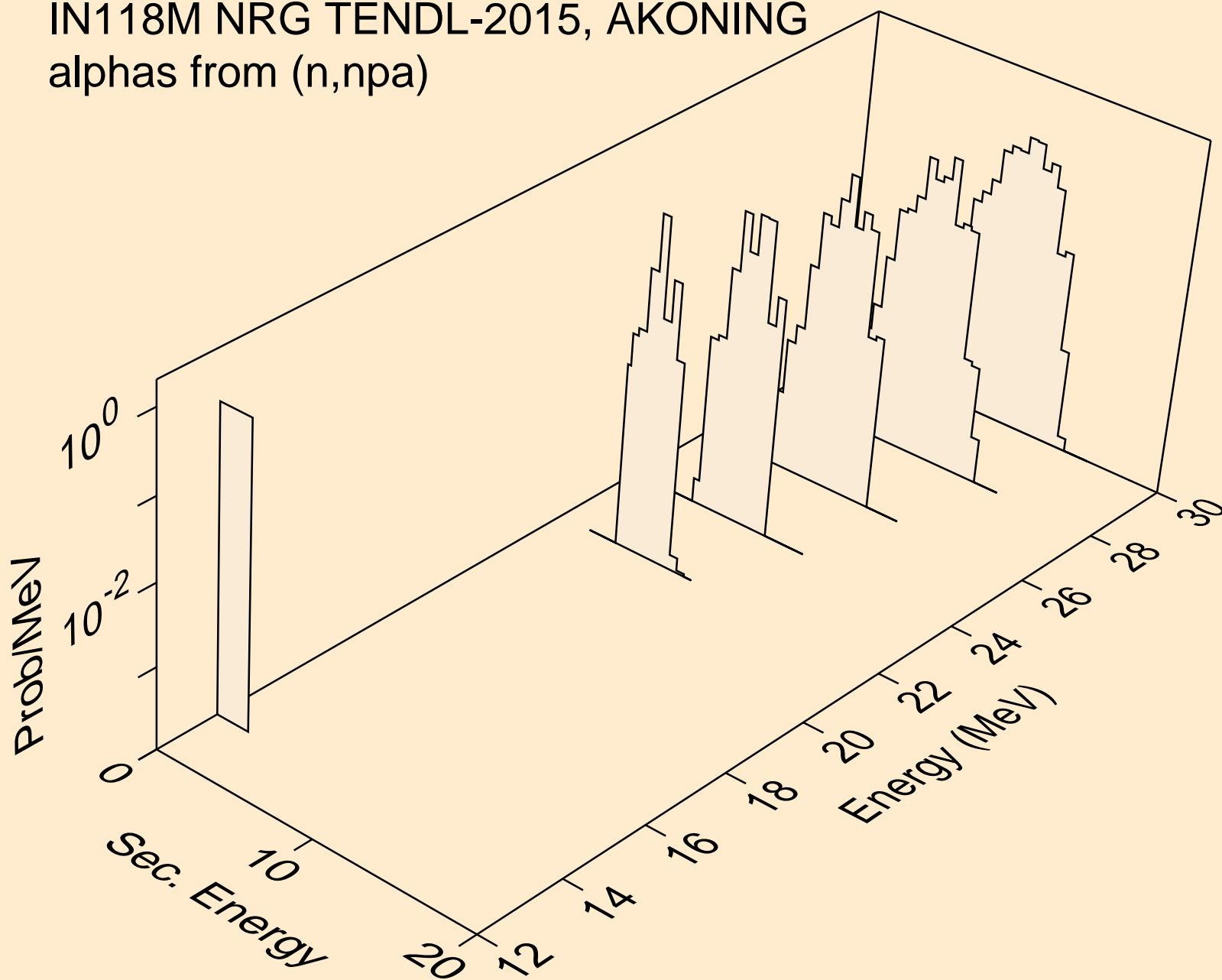
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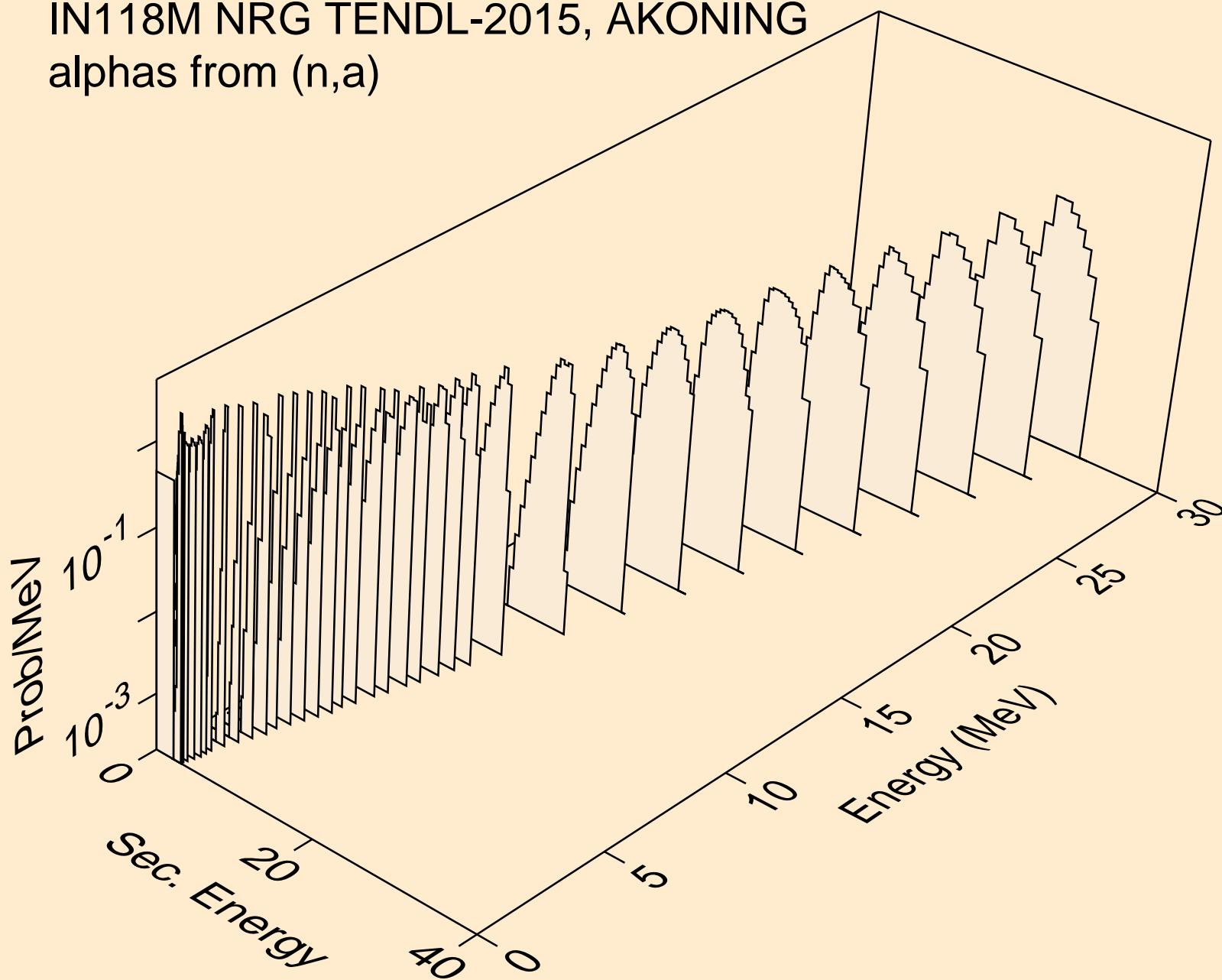
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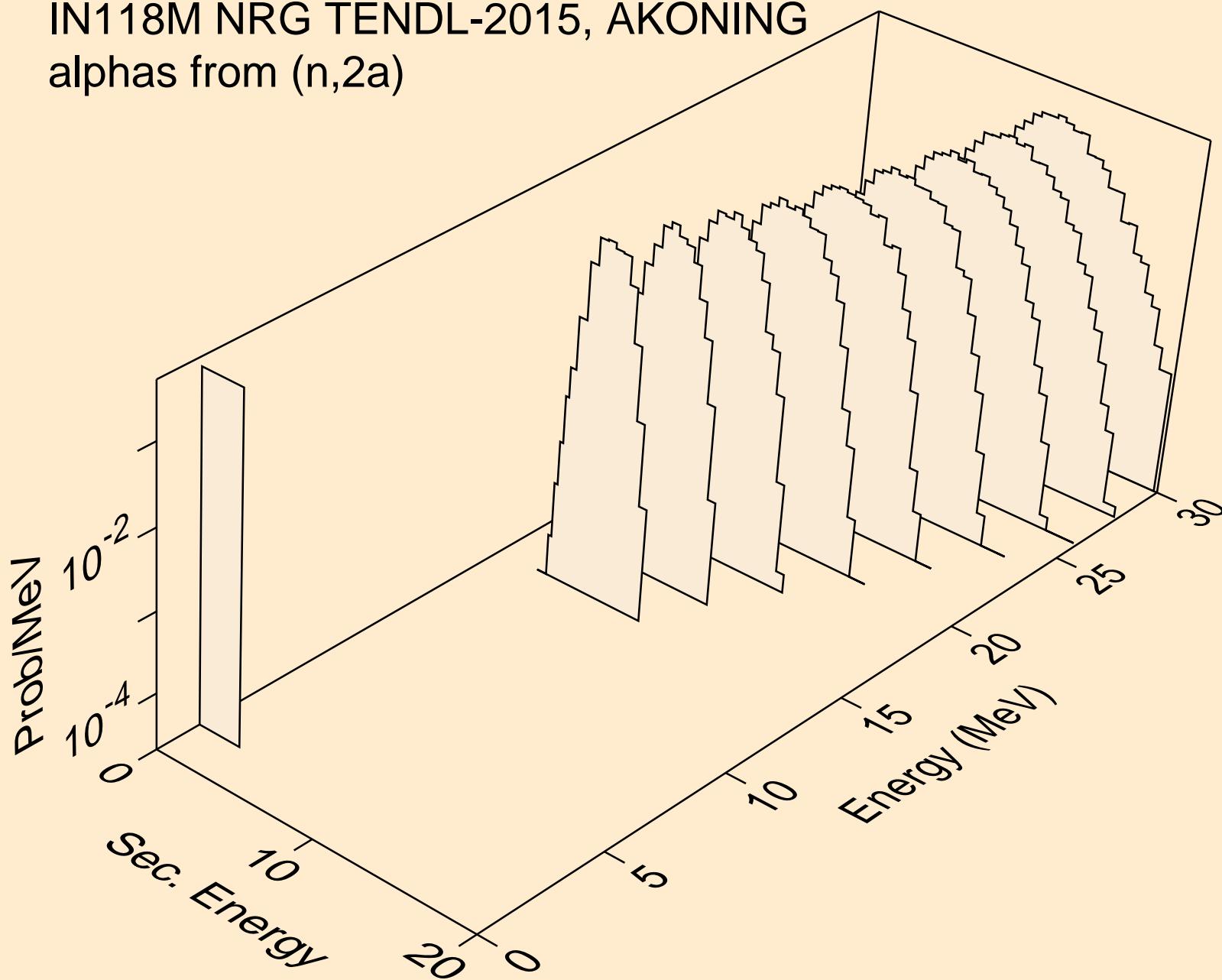
IN118M NRG TENDL-2015, AKONING  
alphas from (n,npa)



IN118M NRG TENDL-2015, AKONING  
alphas from (n,a)



IN118M NRG TENDL-2015, AKONING  
alphas from (n,2a)



IN118M NRG TENDL-2015, AKONING  
alphas from (n,pa)

