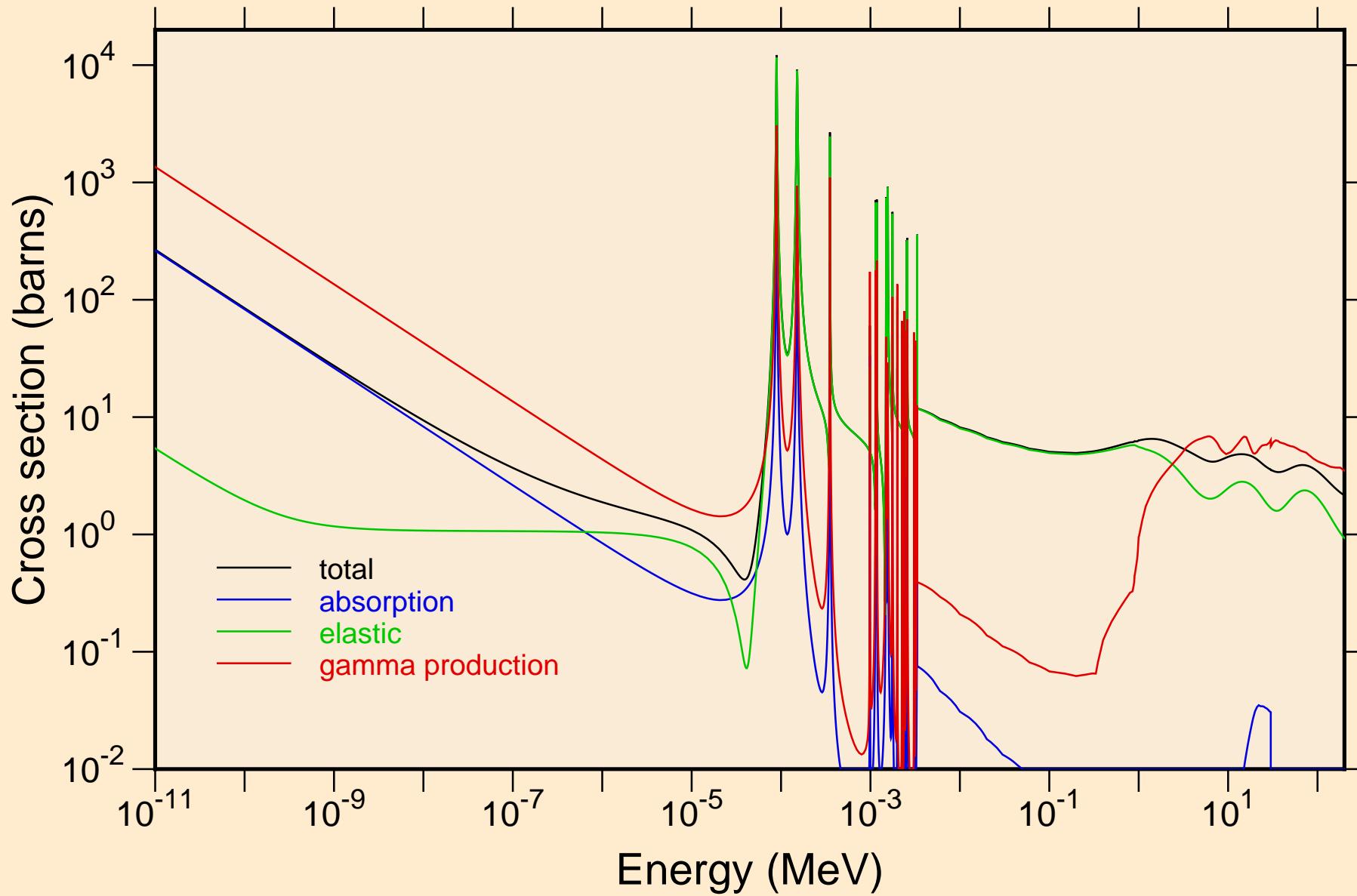
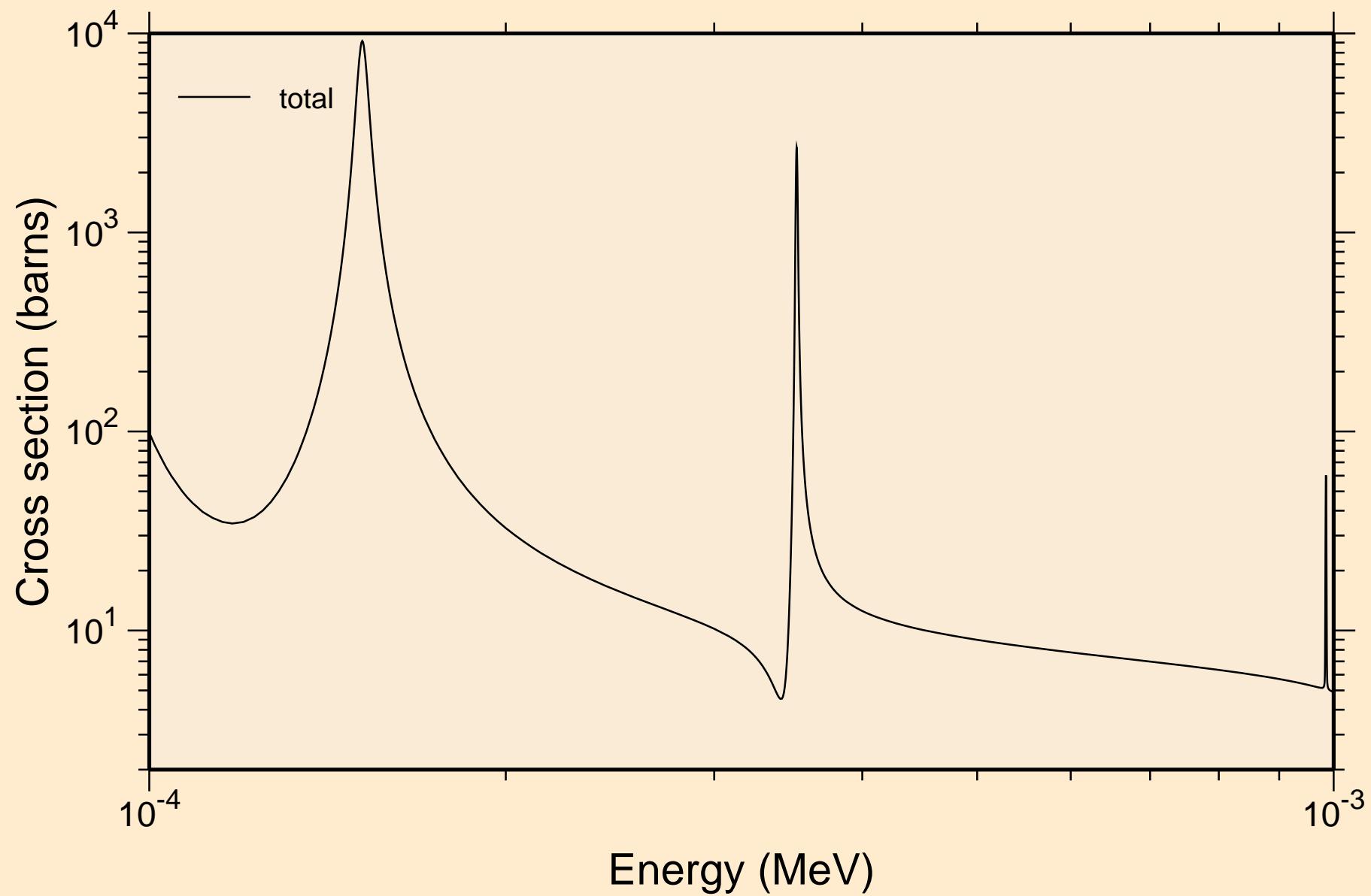


# I134M NRG TENDL-2015, AKONING

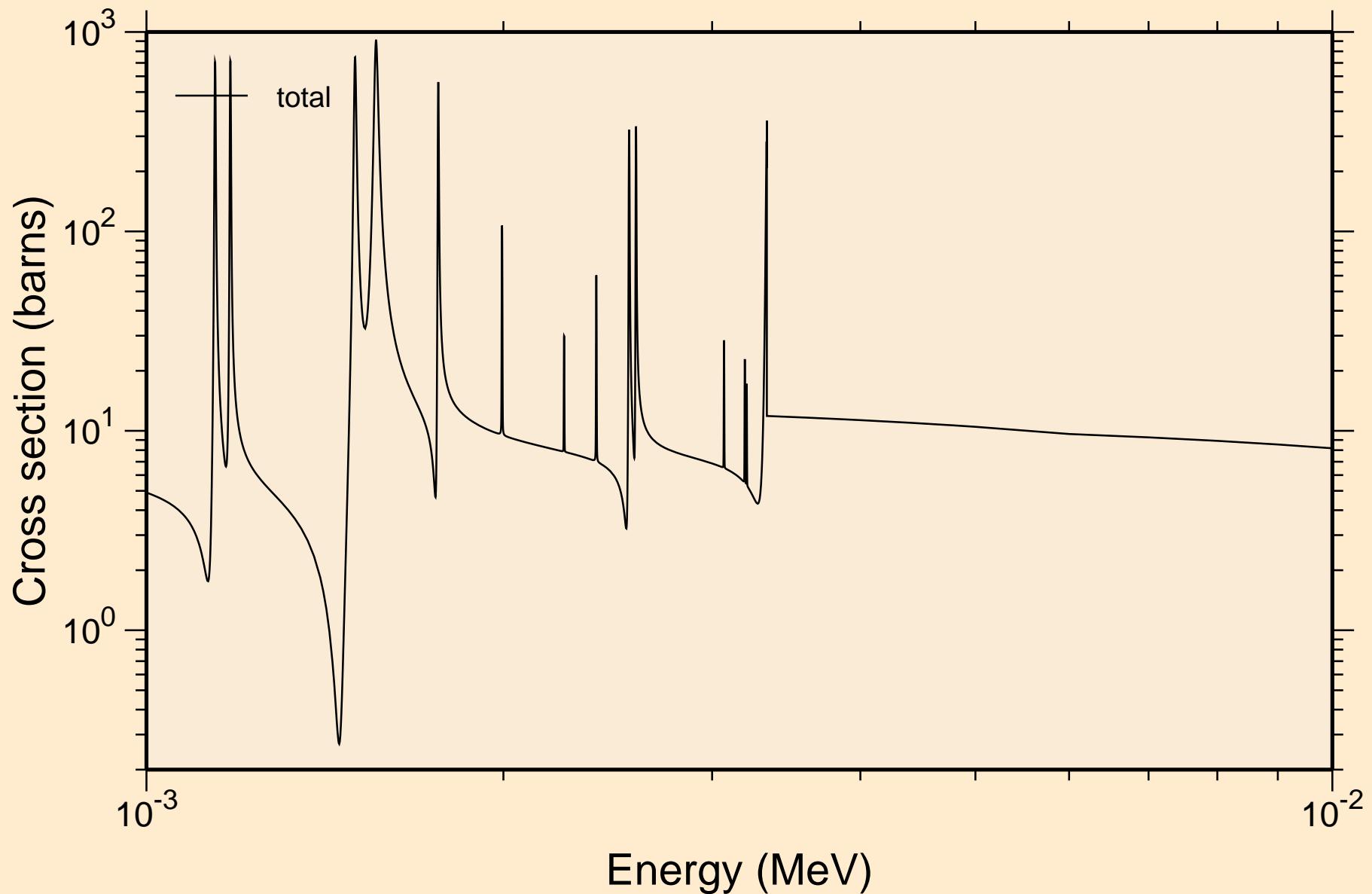
## Principal cross sections



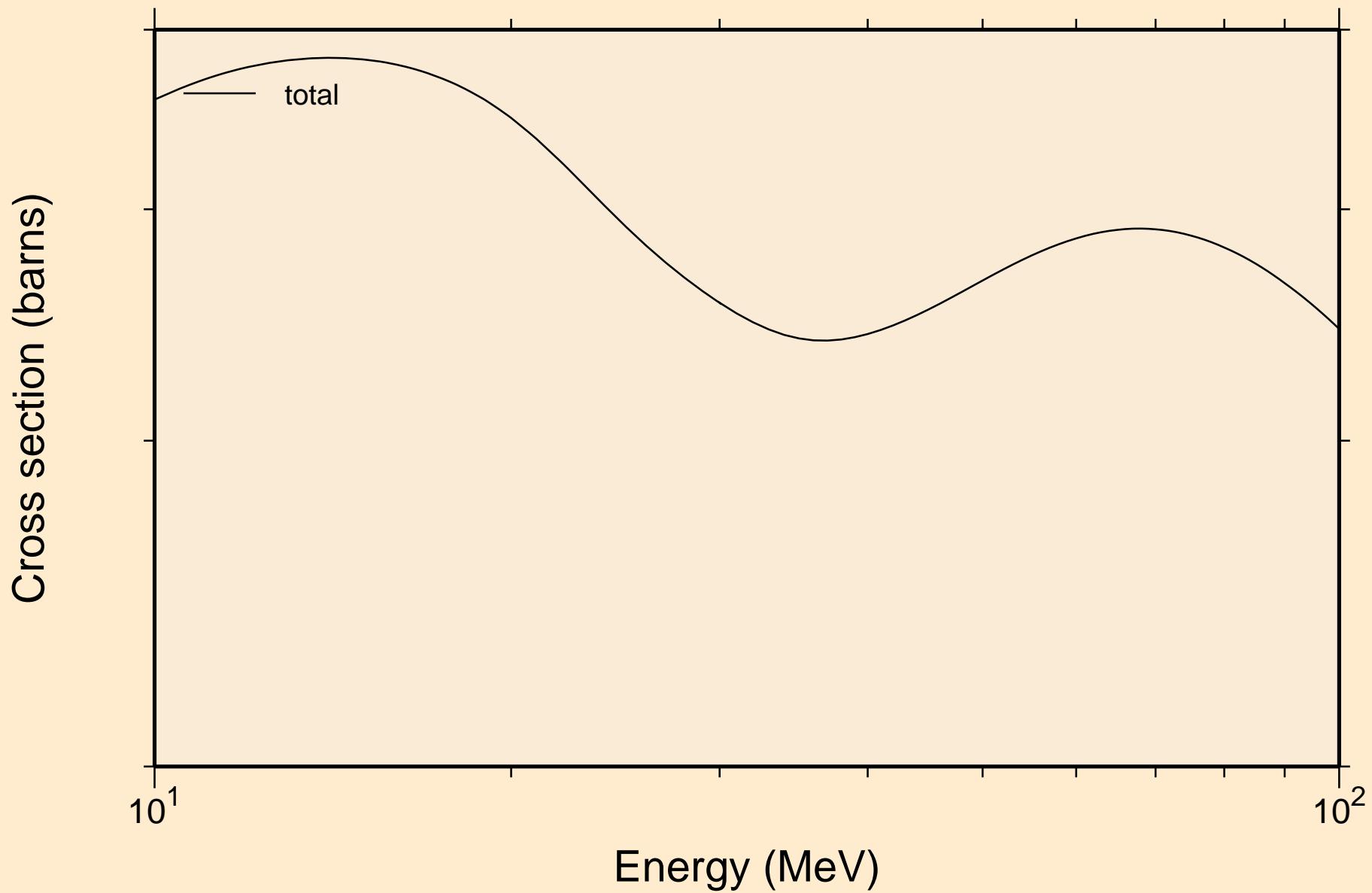
I134M NRG TENDL-2015, AKONING  
resonance total cross section



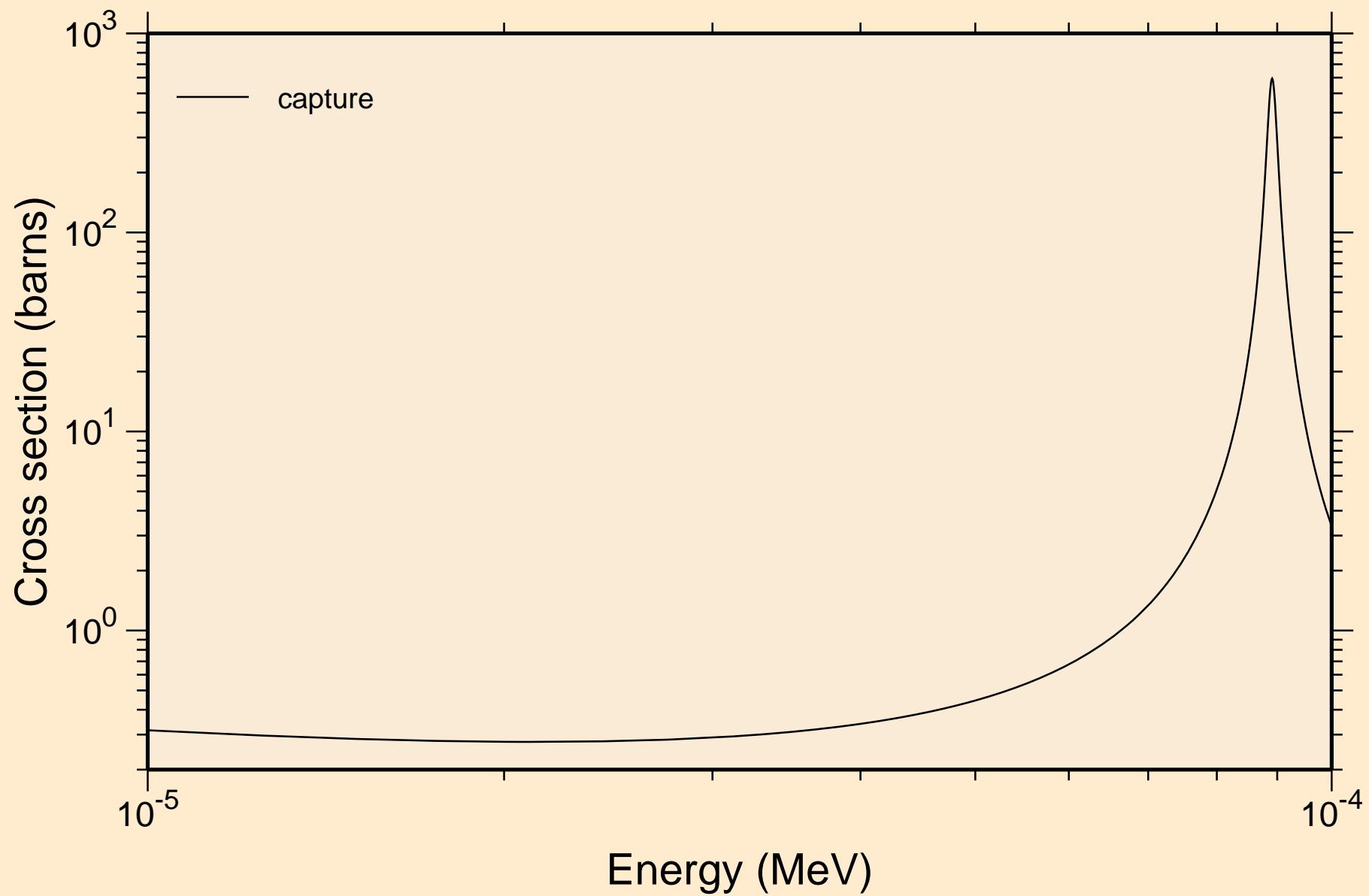
I134M NRG TENDL-2015, AKONING  
resonance total cross section



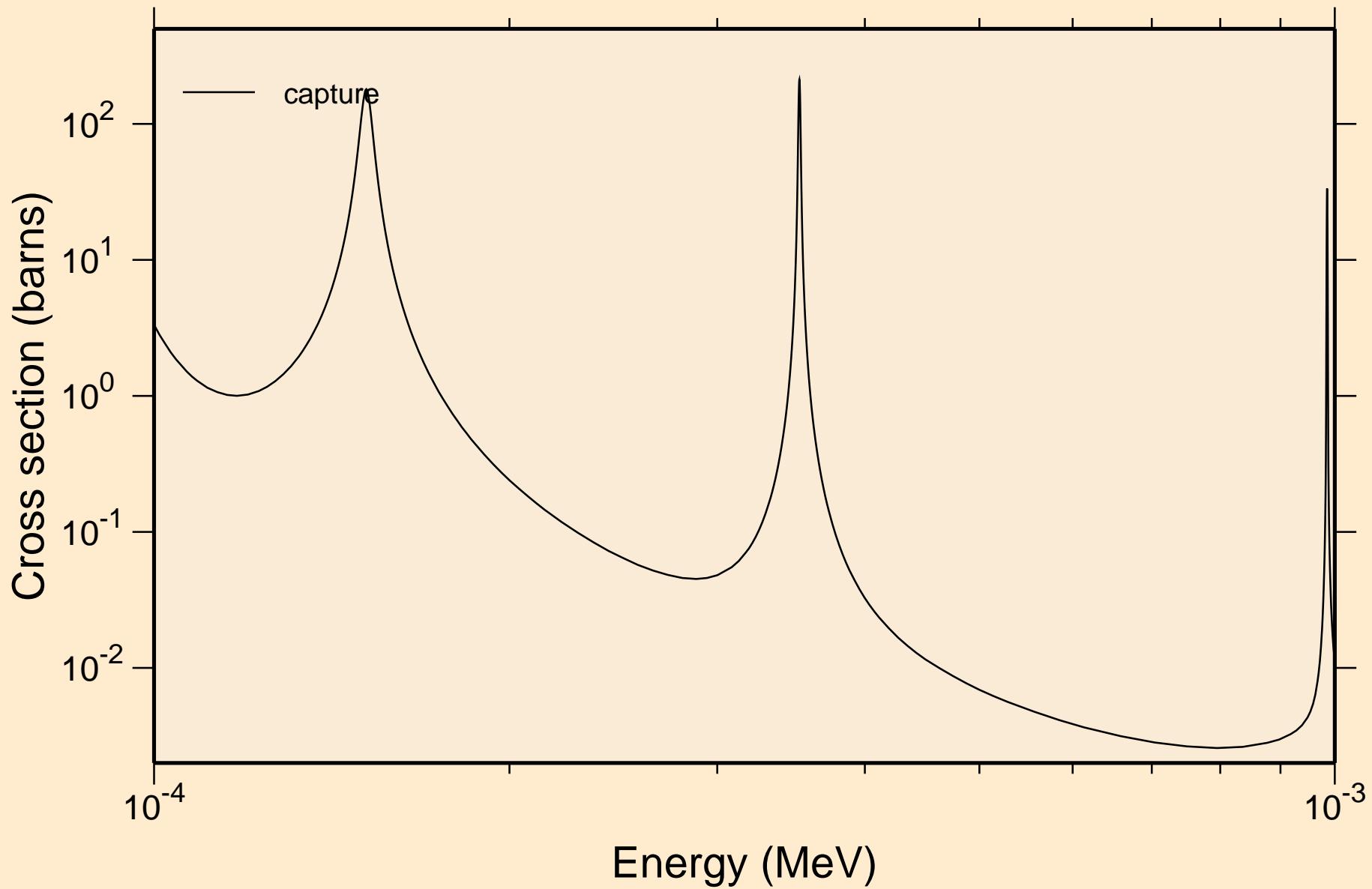
I<sup>-</sup>134M NRG TENDL-2015, AKONING  
resonance total cross section



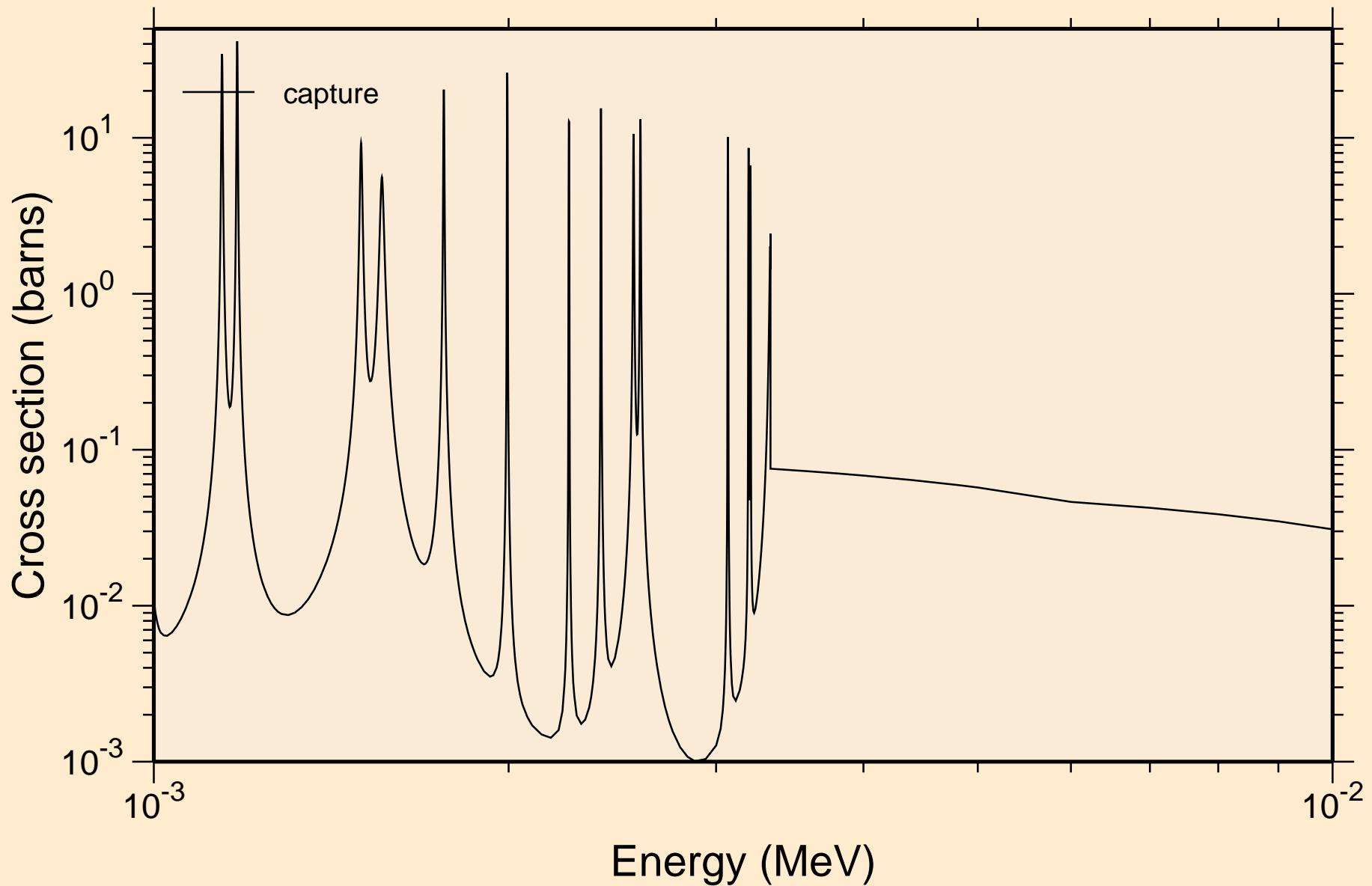
I134M NRG TENDL-2015, AKONING  
resonance absorption cross sections



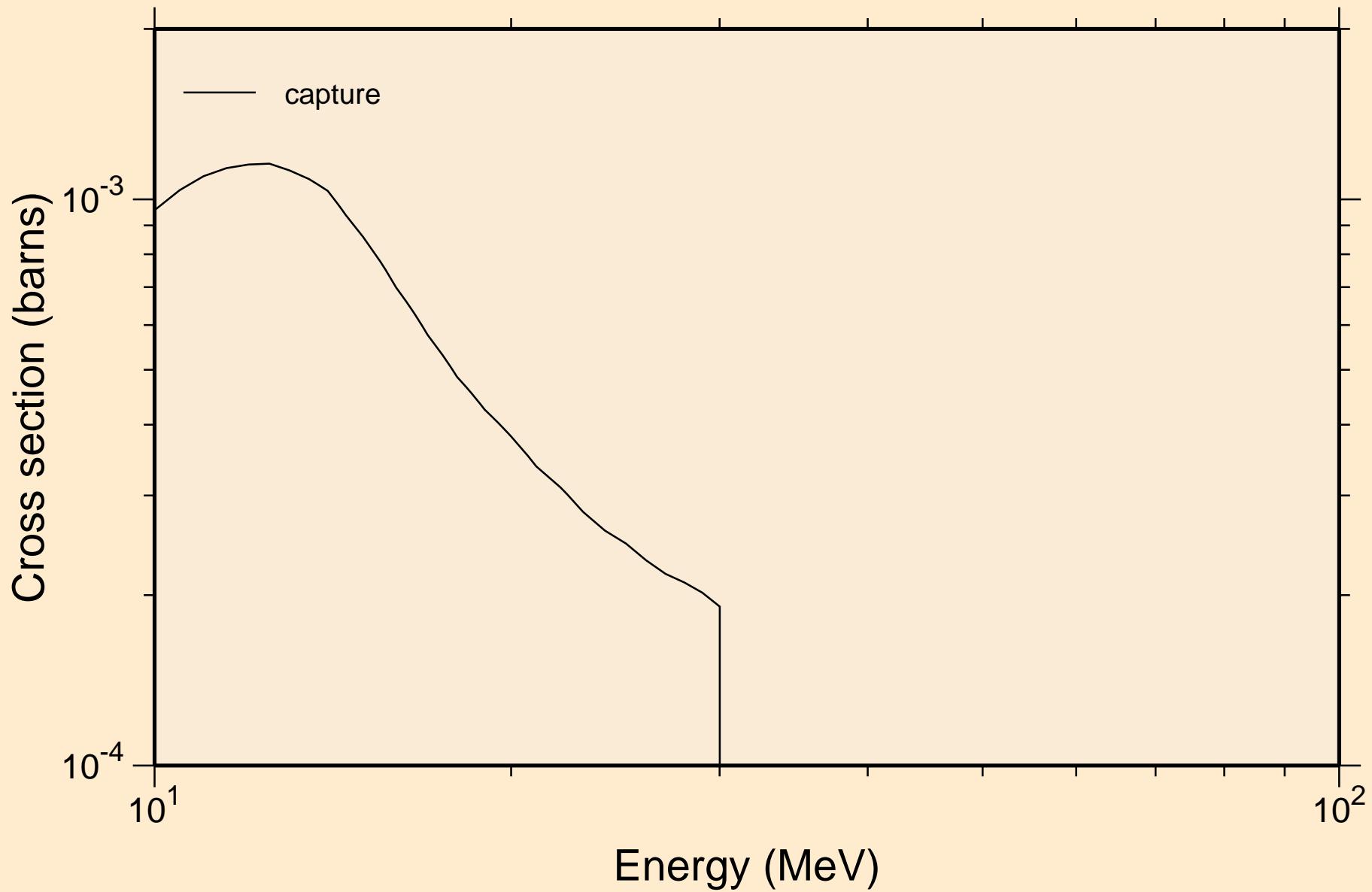
I134M NRG TENDL-2015, AKONING  
resonance absorption cross sections



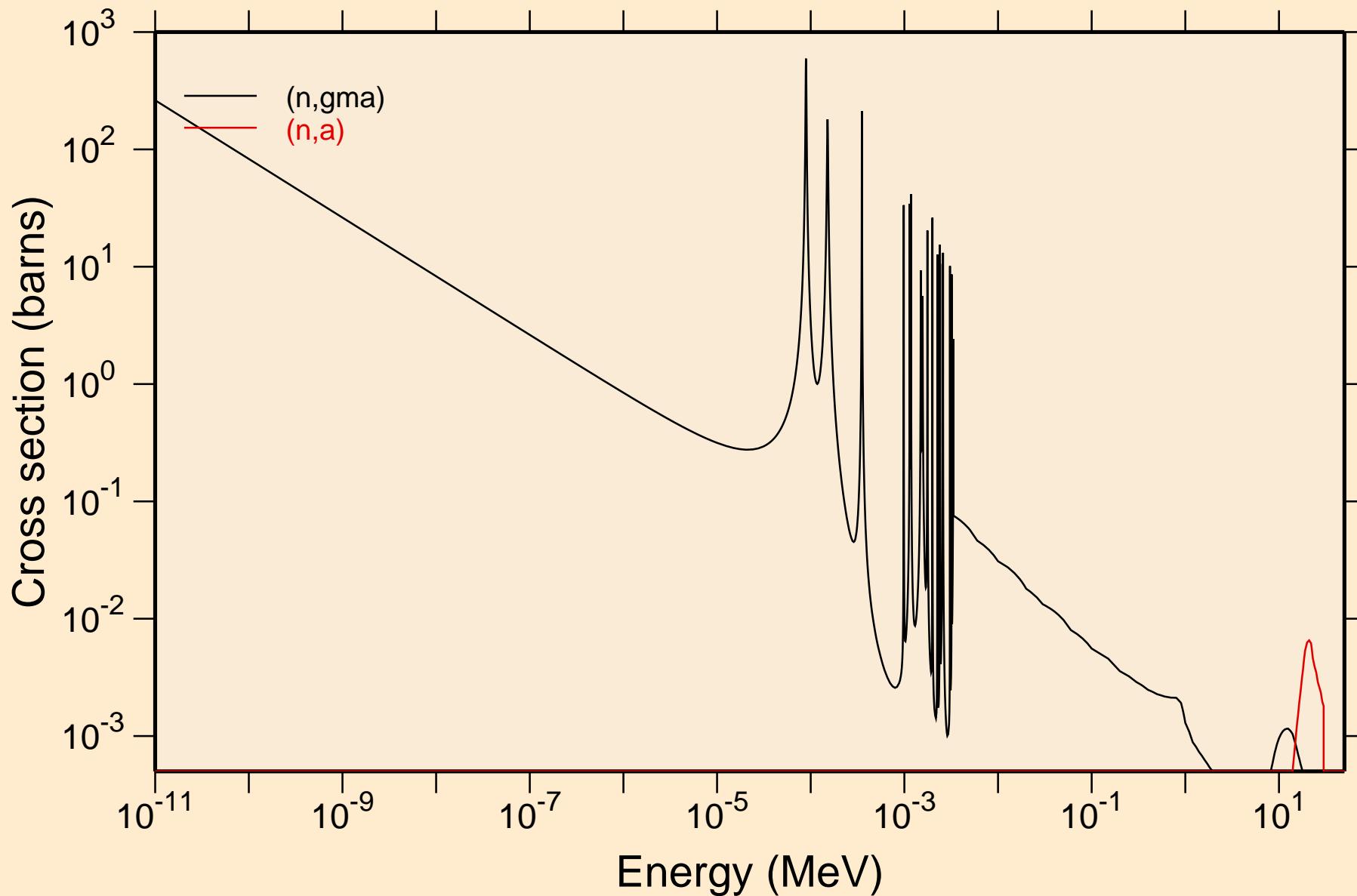
# I134M NRG TENDL-2015, AKONING resonance absorption cross sections



I134M NRG TENDL-2015, AKONING  
resonance absorption cross sections

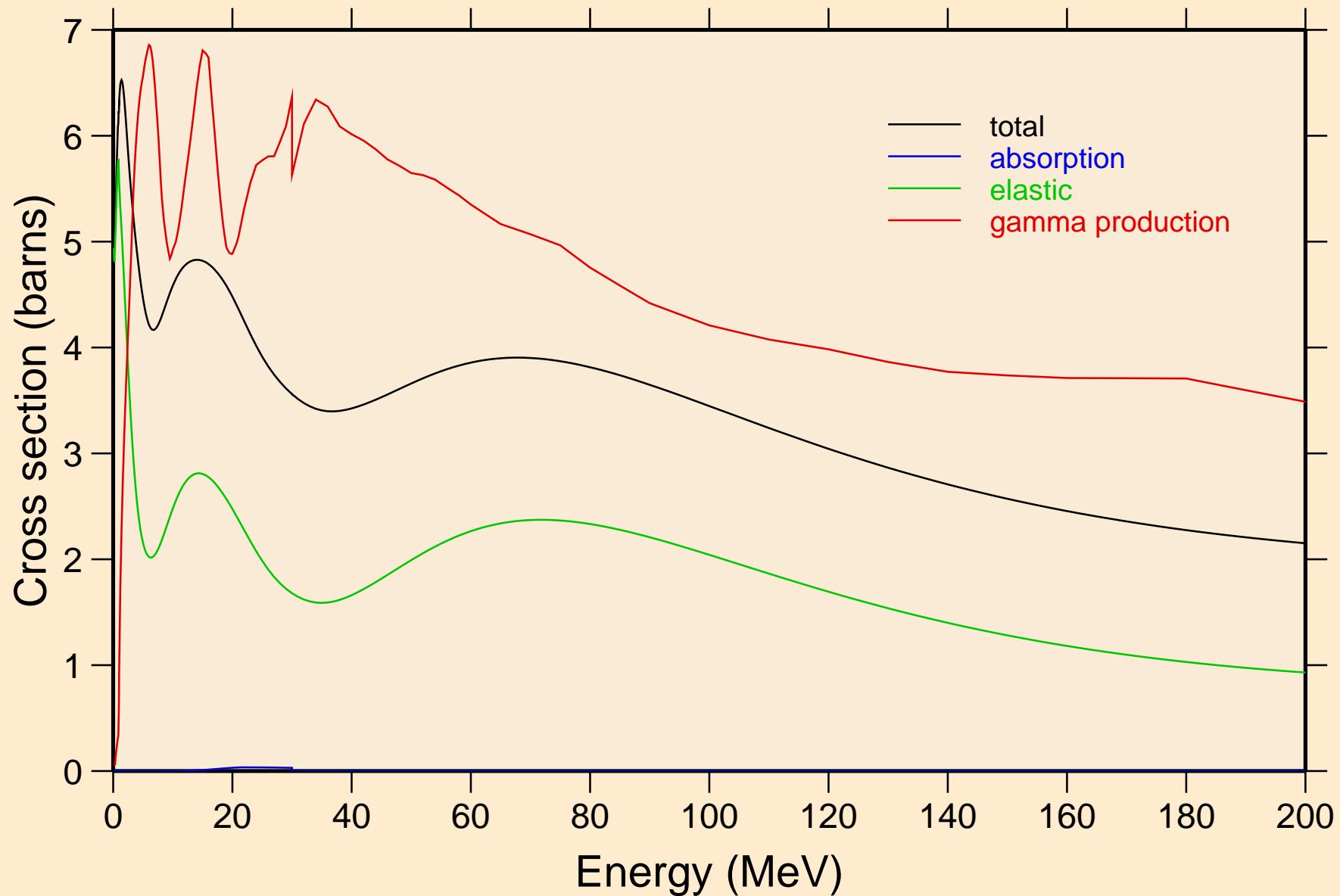


I134M NRG TENDL-2015, AKONING  
Non-threshold reactions

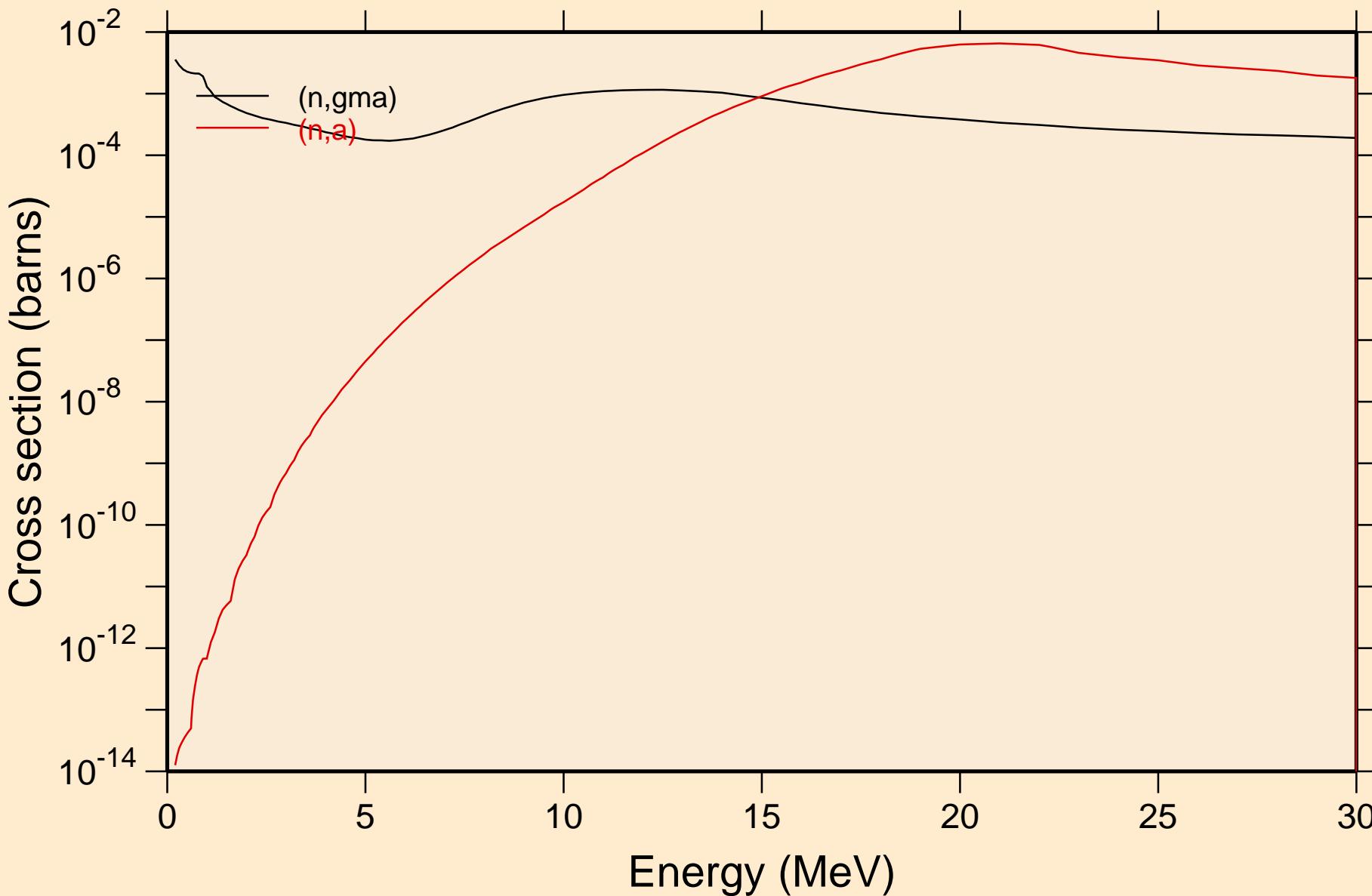


# I134M NRG TENDL-2015, AKONING

## Principal cross sections

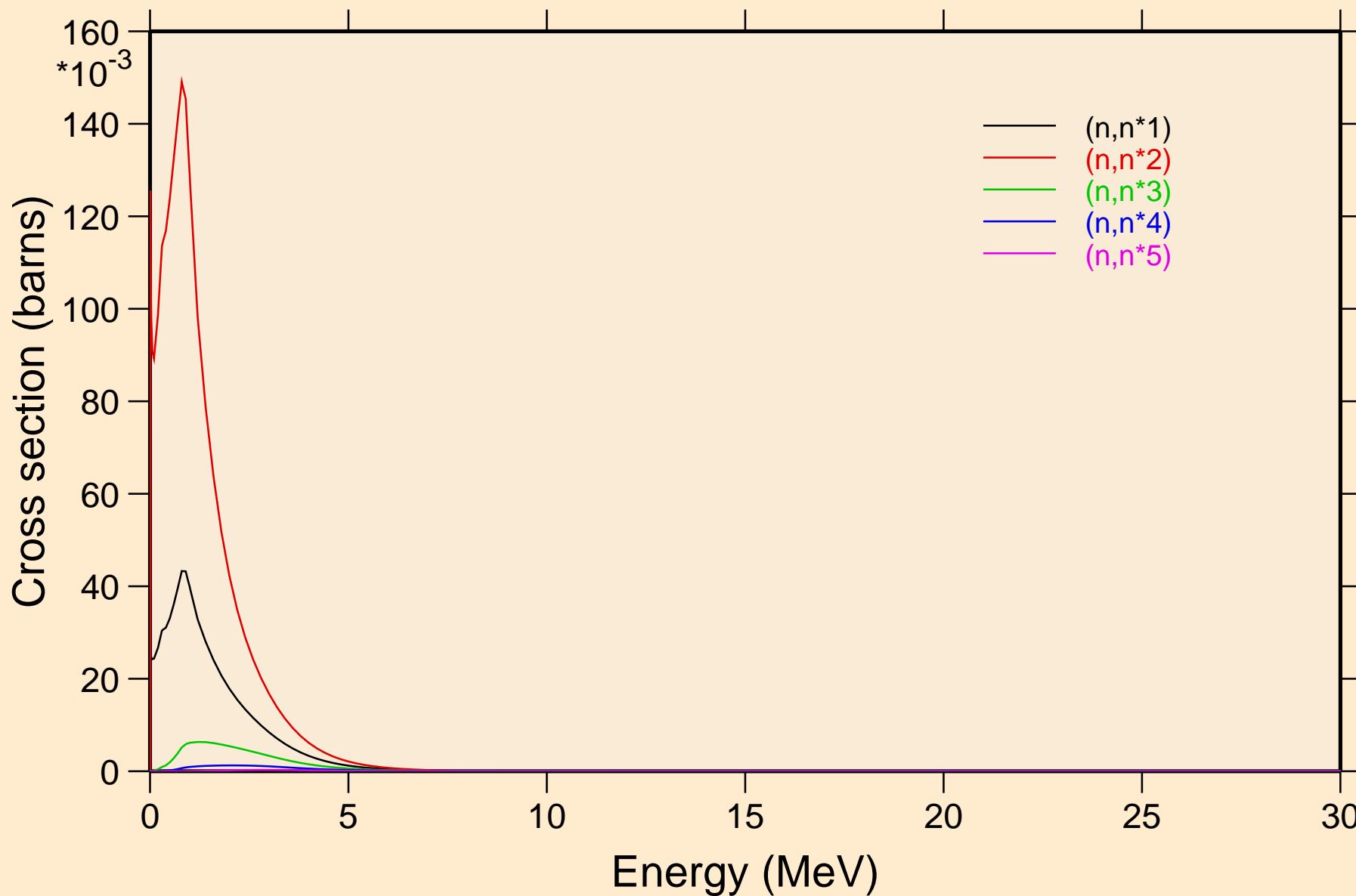


I134M NRG TENDL-2015, AKONING  
Non-threshold reactions



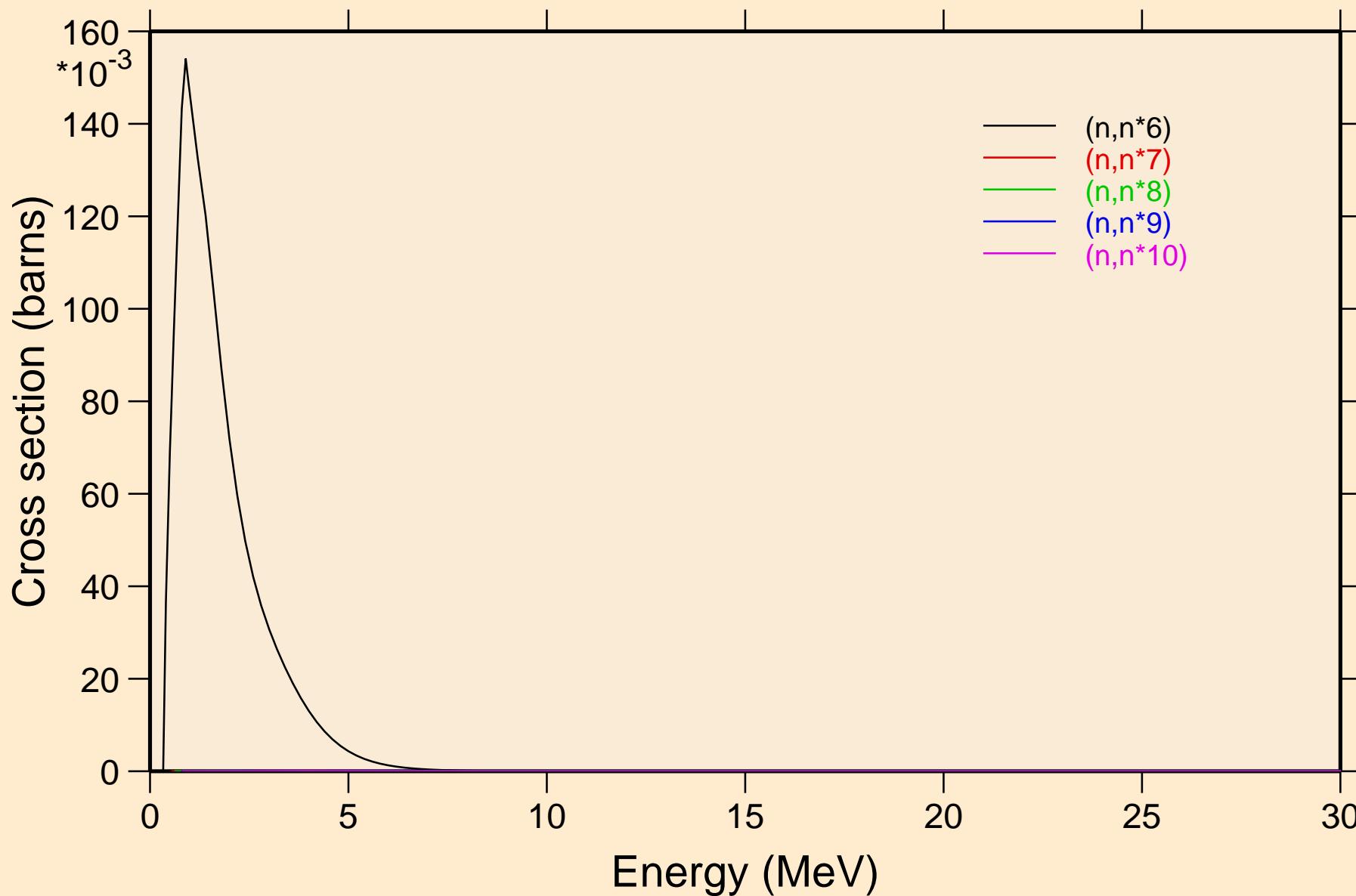
# I134M NRG TENDL-2015, AKONING

## Inelastic levels



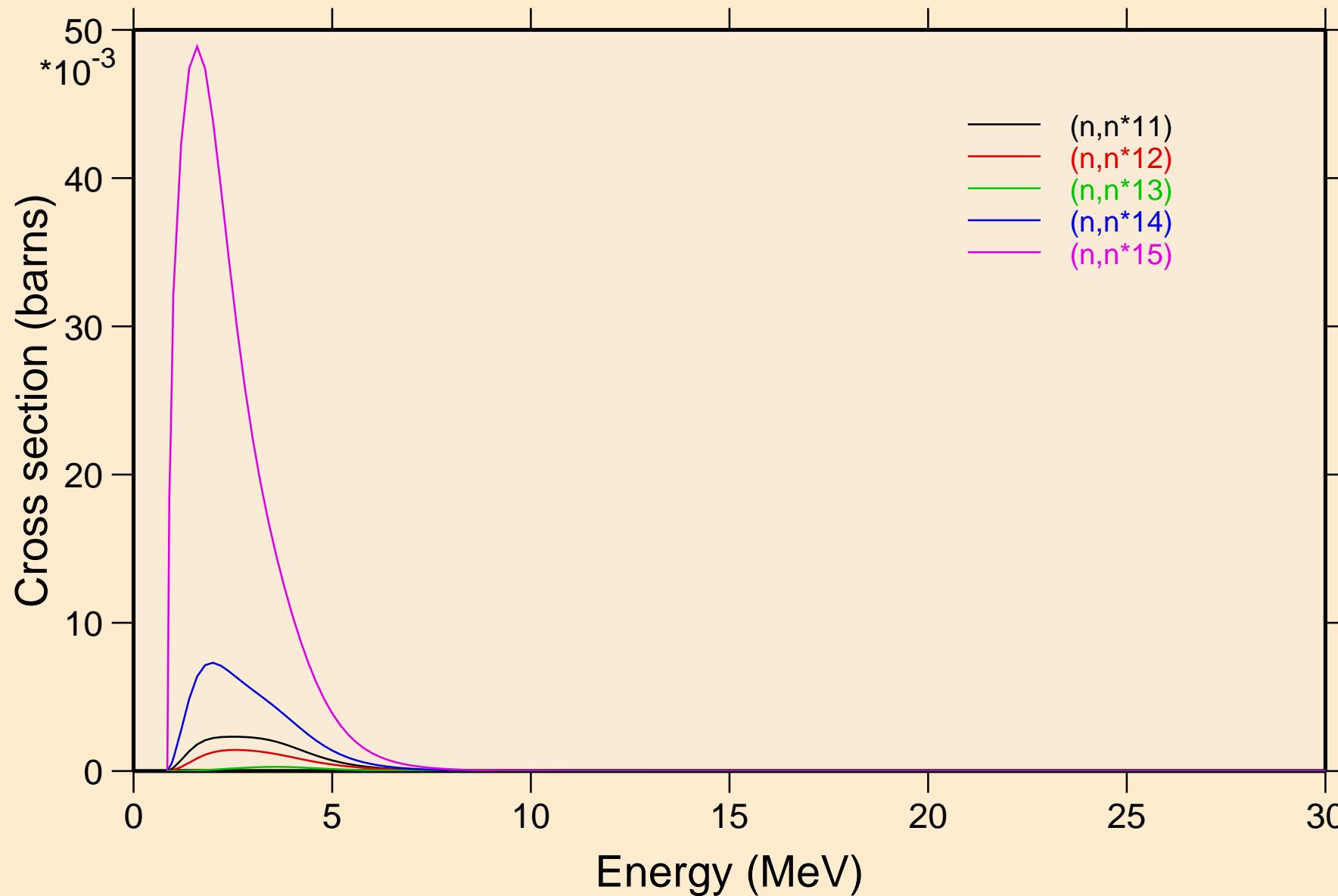
# I134M NRG TENDL-2015, AKONING

## Inelastic levels



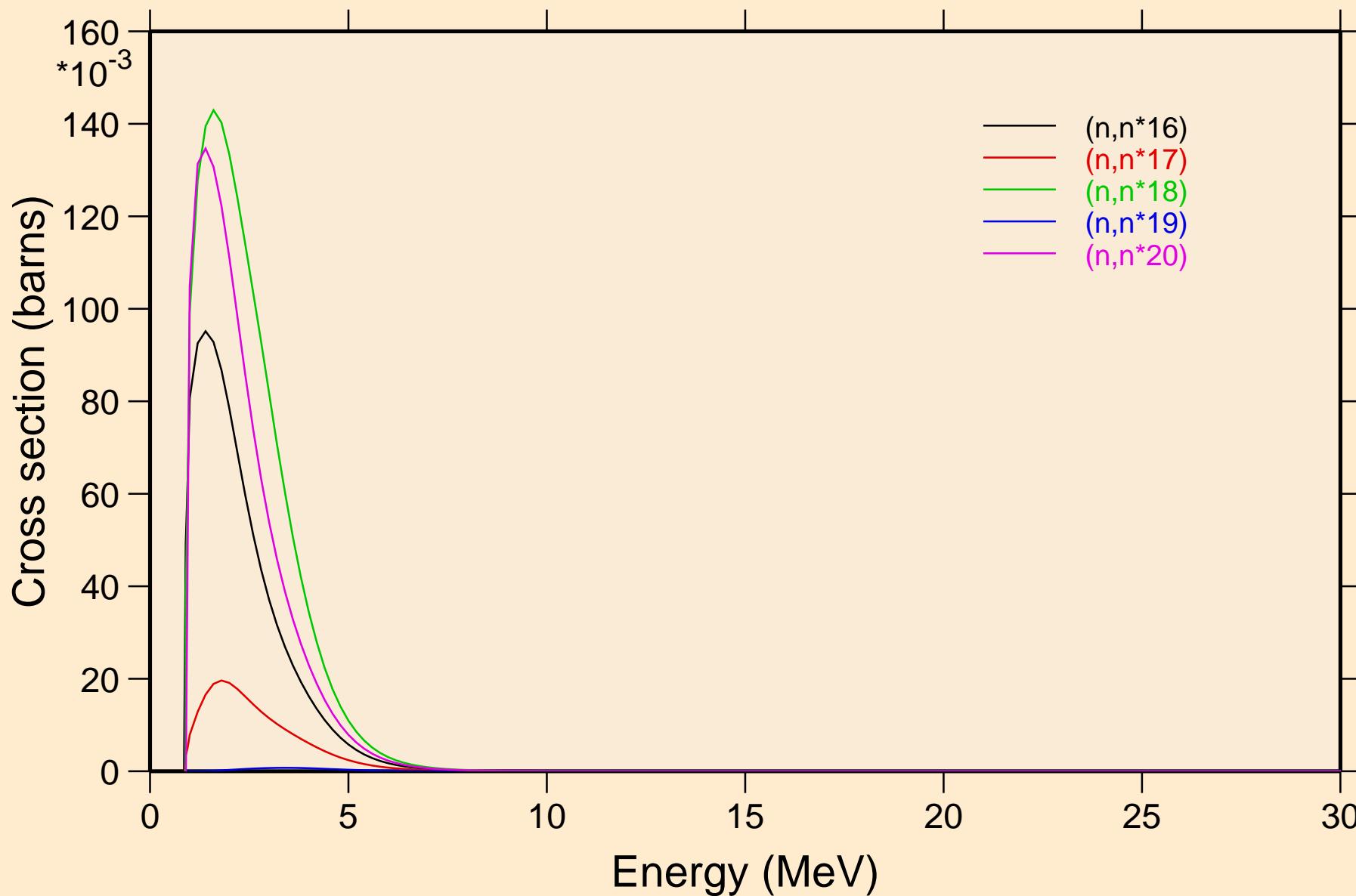
# I134M NRG TENDL-2015, AKONING

## Inelastic levels



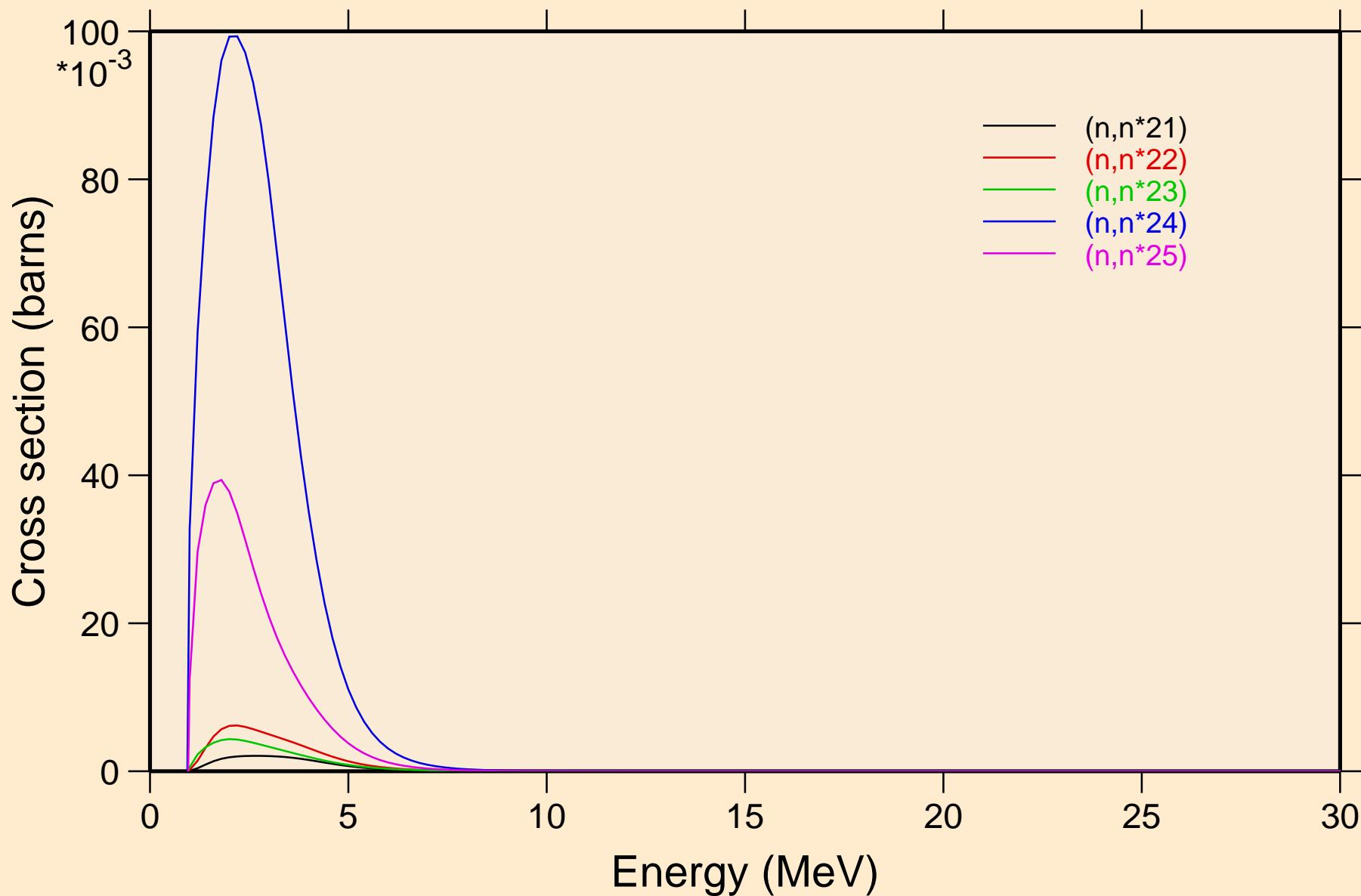
# I134M NRG TENDL-2015, AKONING

## Inelastic levels



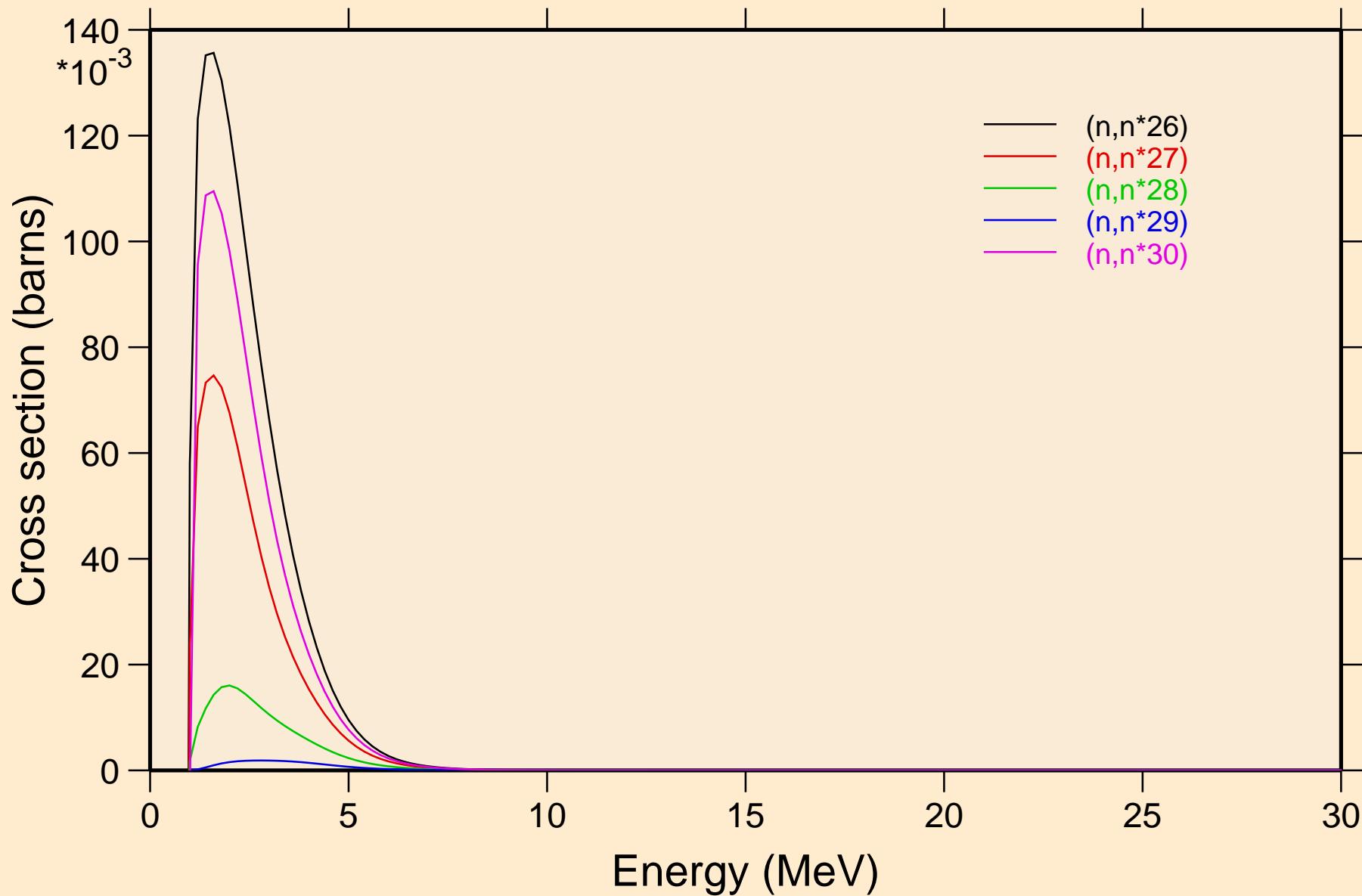
# I134M NRG TENDL-2015, AKONING

## Inelastic levels



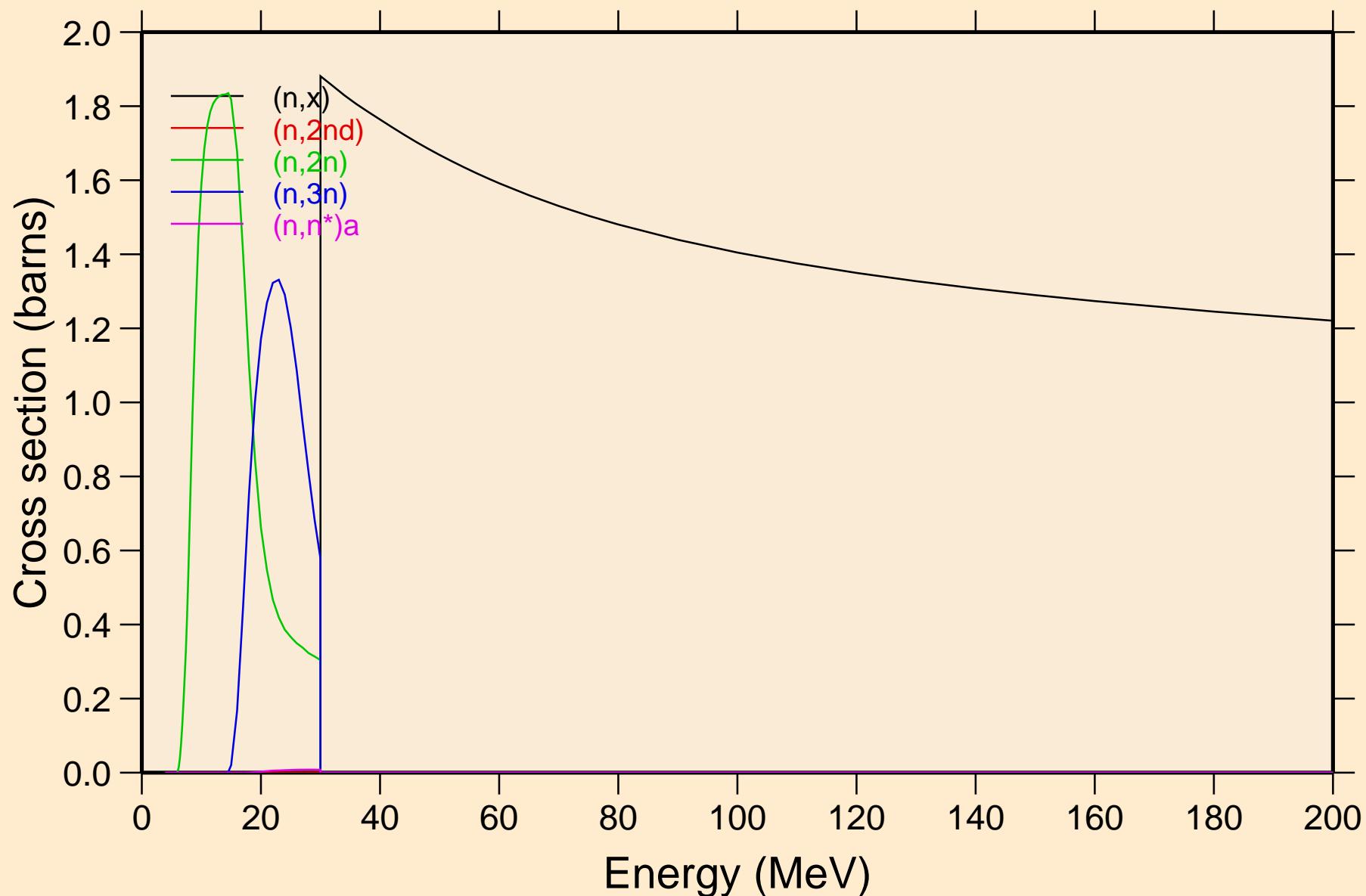
# I134M NRG TENDL-2015, AKONING

## Inelastic levels



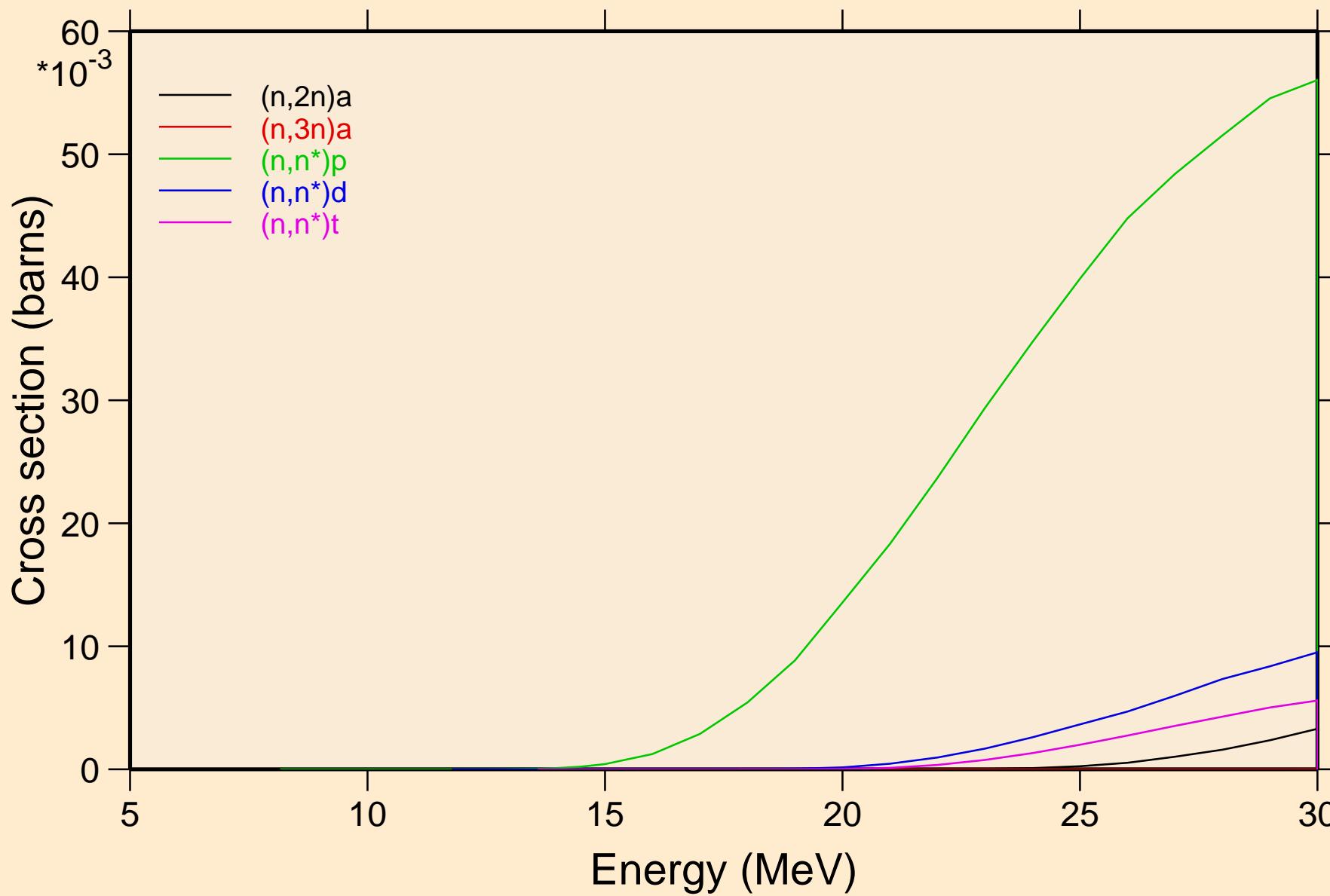
# I134M NRG TENDL-2015, AKONING

## Threshold reactions



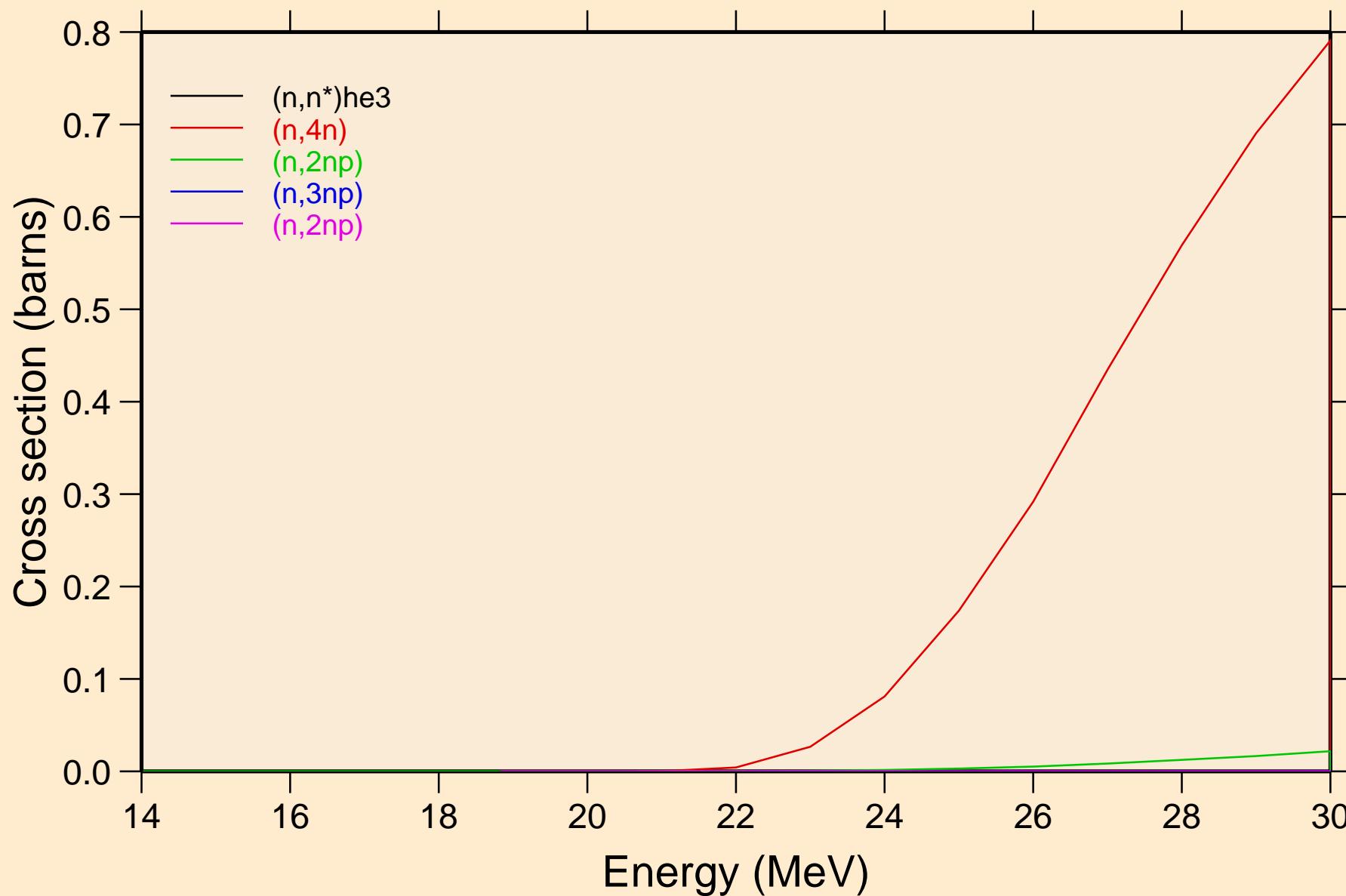
# I134M NRG TENDL-2015, AKONING

## Threshold reactions



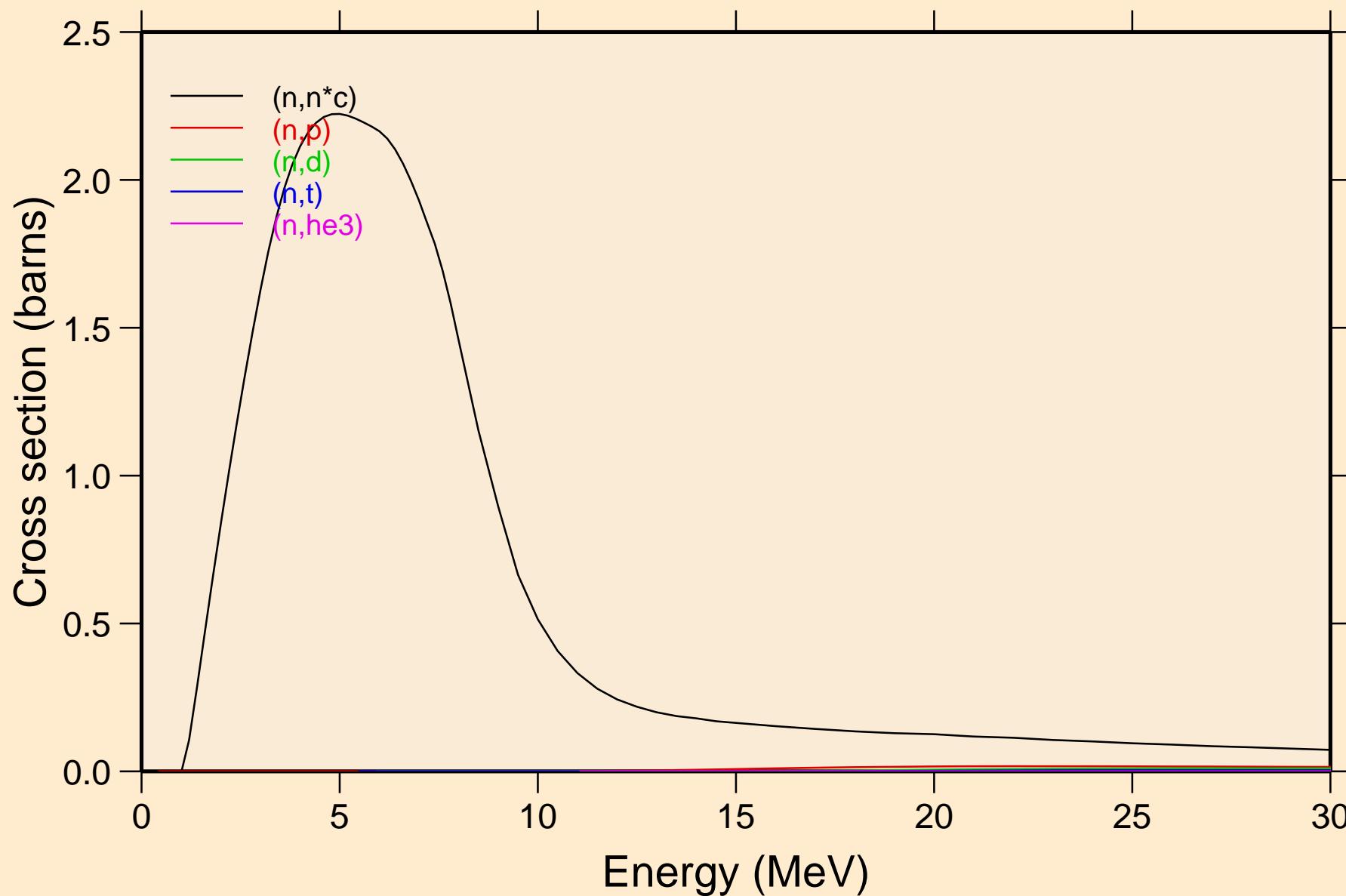
# I134M NRG TENDL-2015, AKONING

## Threshold reactions



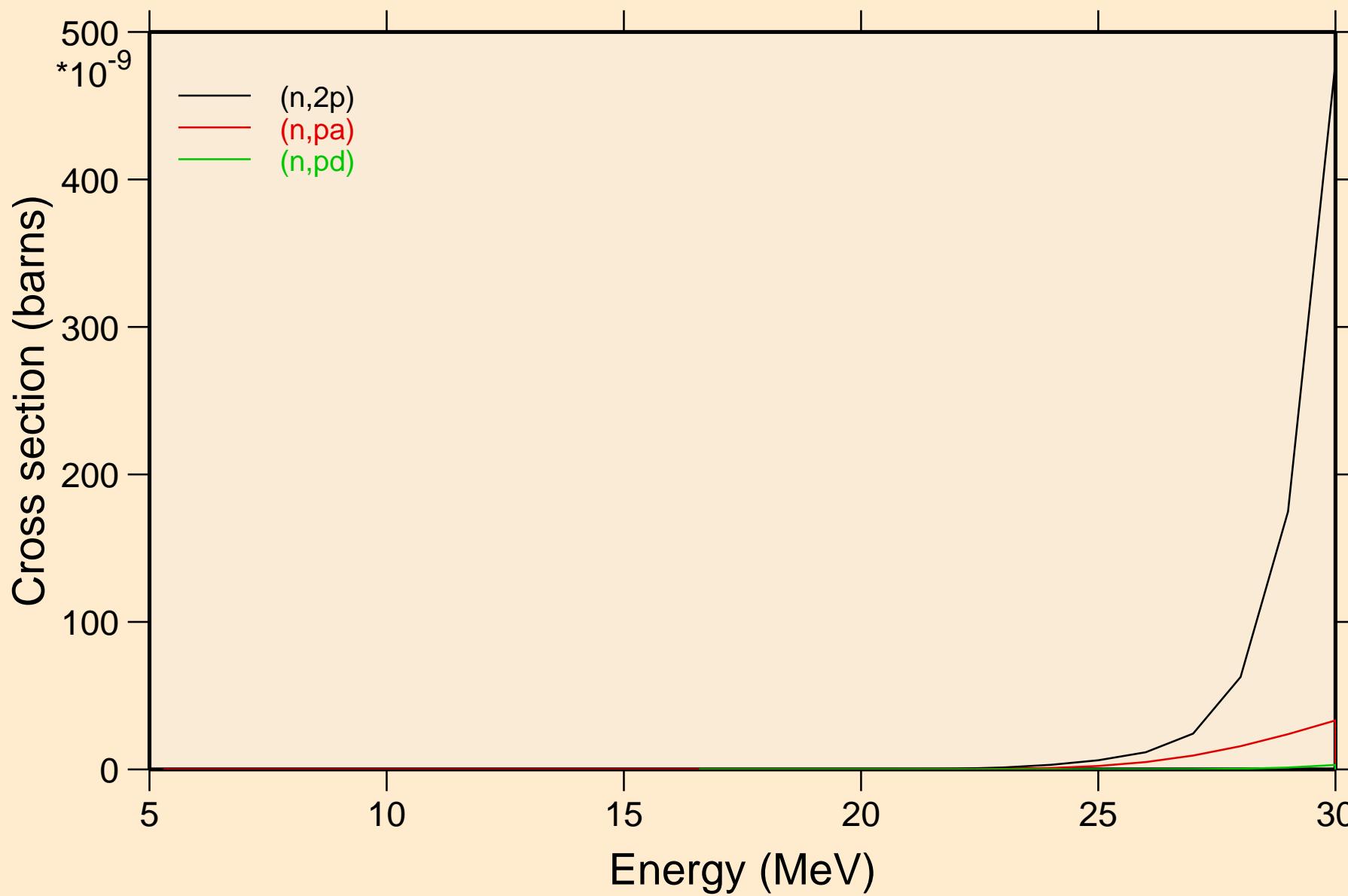
# I134M NRG TENDL-2015, AKONING

## Threshold reactions

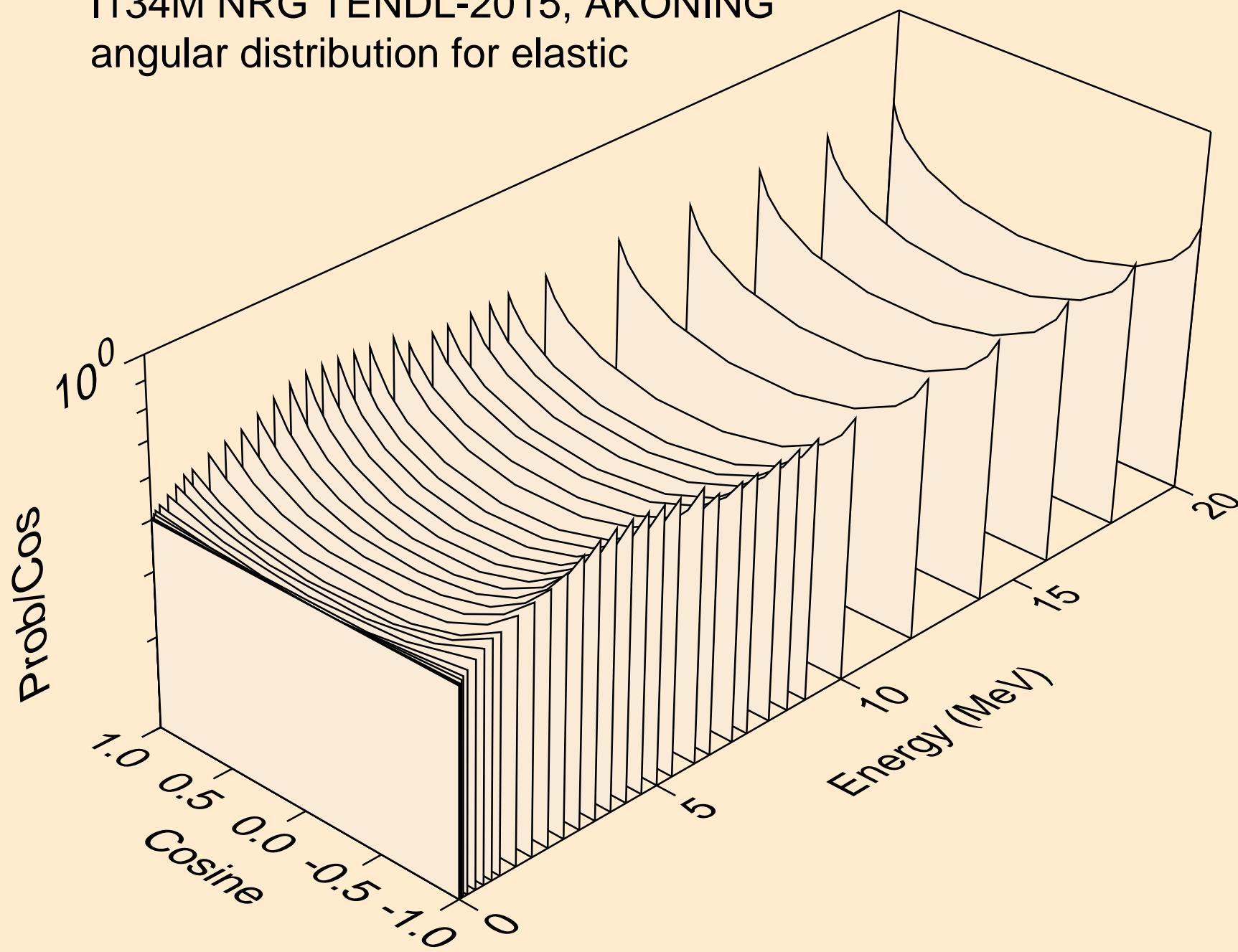


# I134M NRG TENDL-2015, AKONING

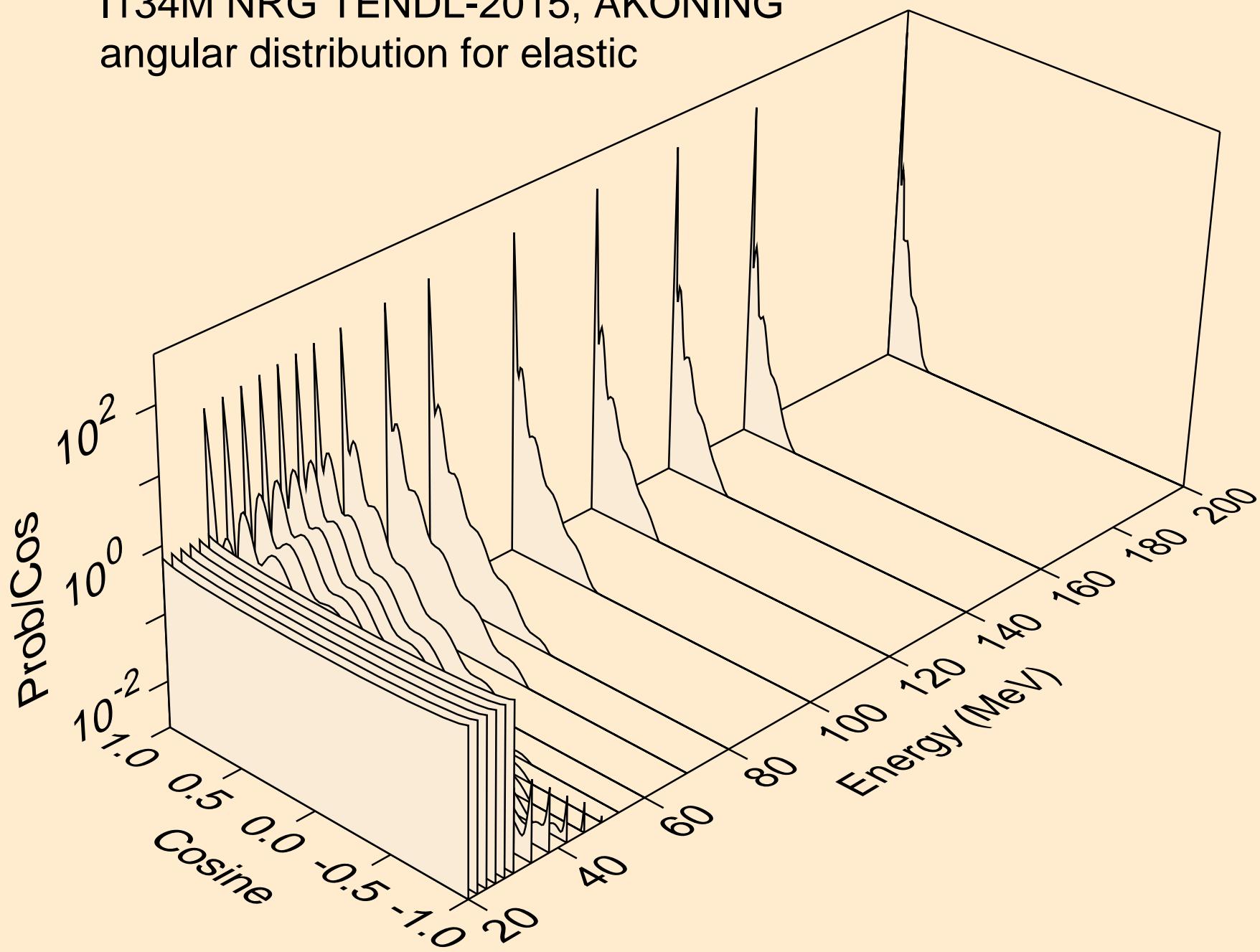
## Threshold reactions



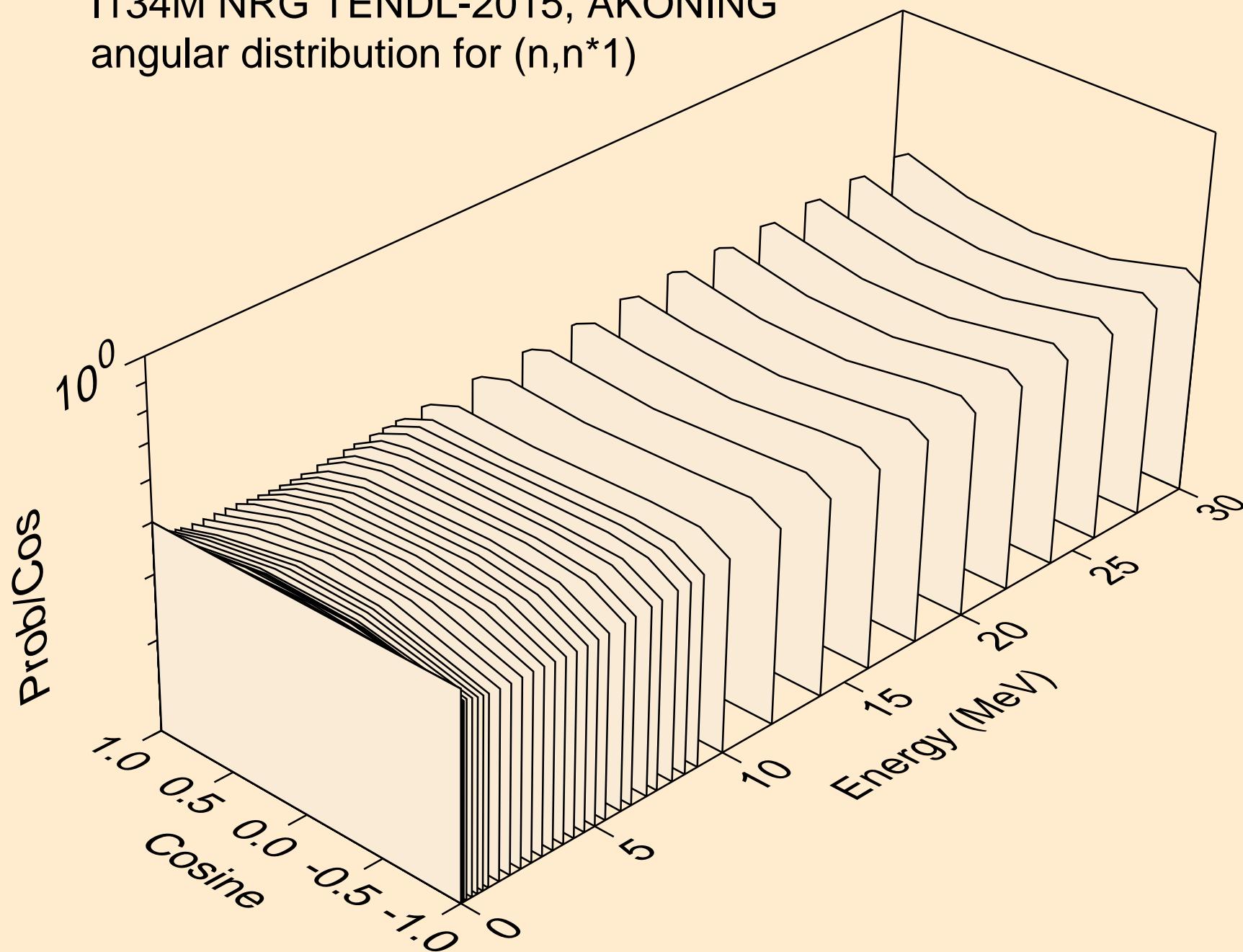
I134M NRG TENDL-2015, AKONING  
angular distribution for elastic



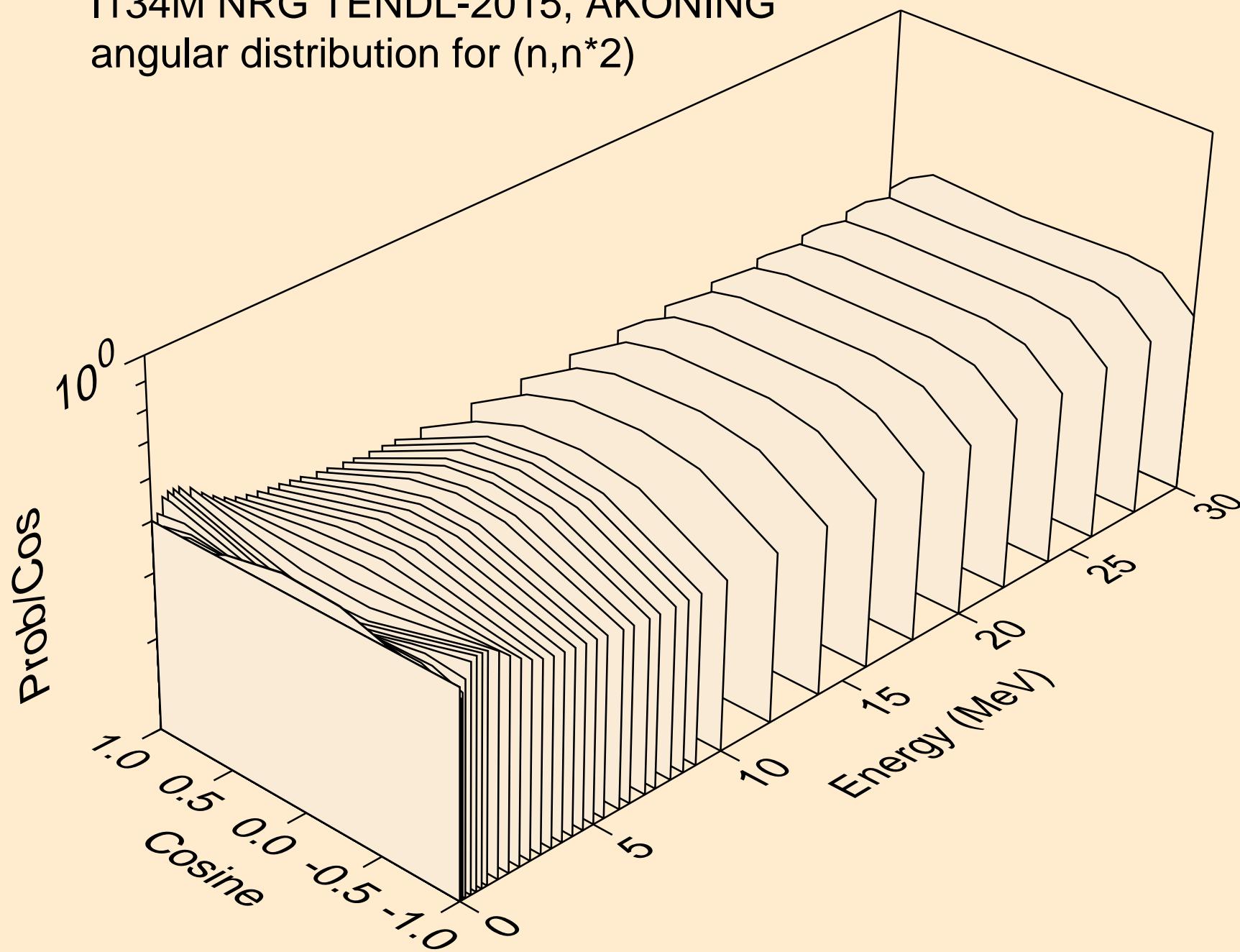
I134M NRG TENDL-2015, AKONING  
angular distribution for elastic



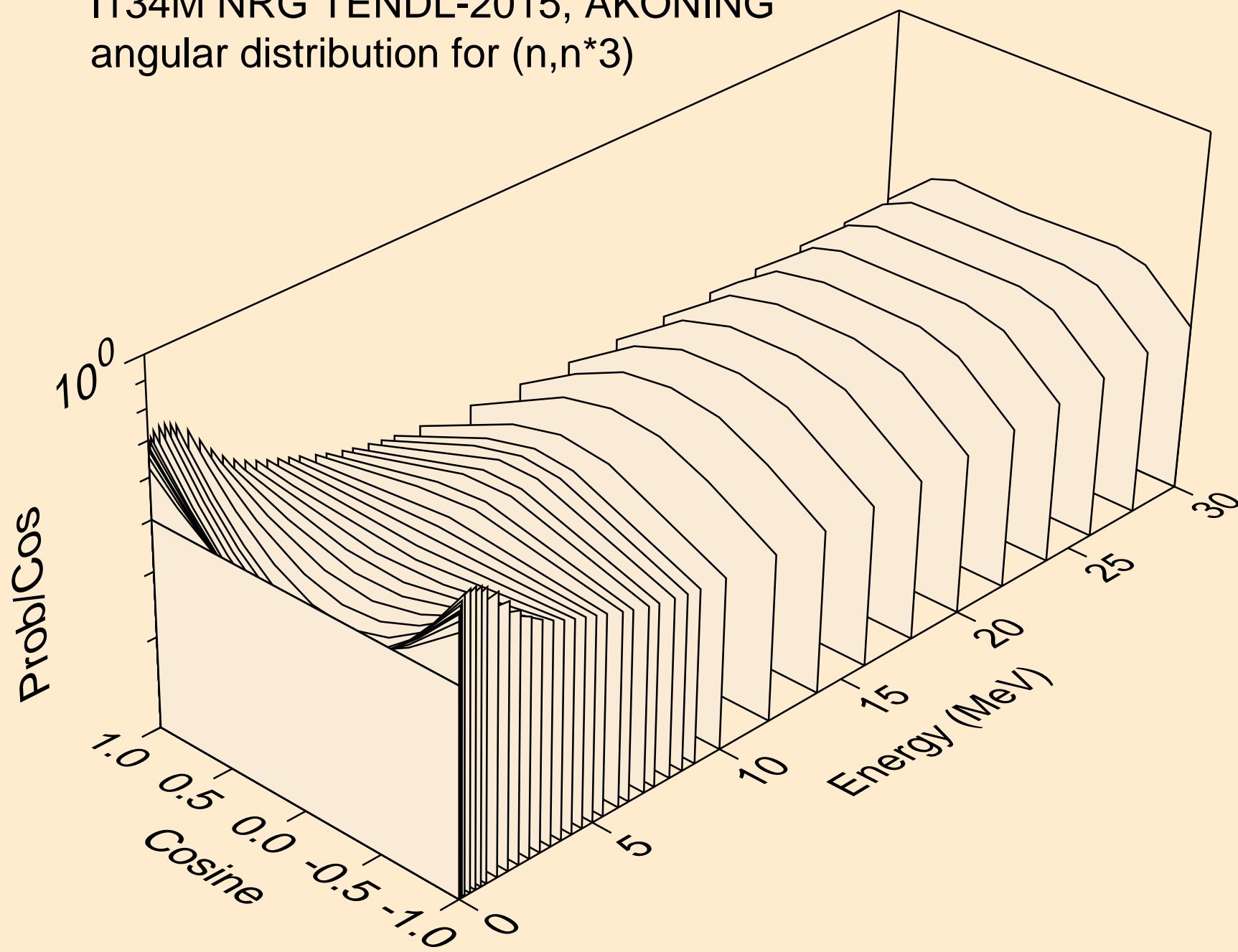
I134M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



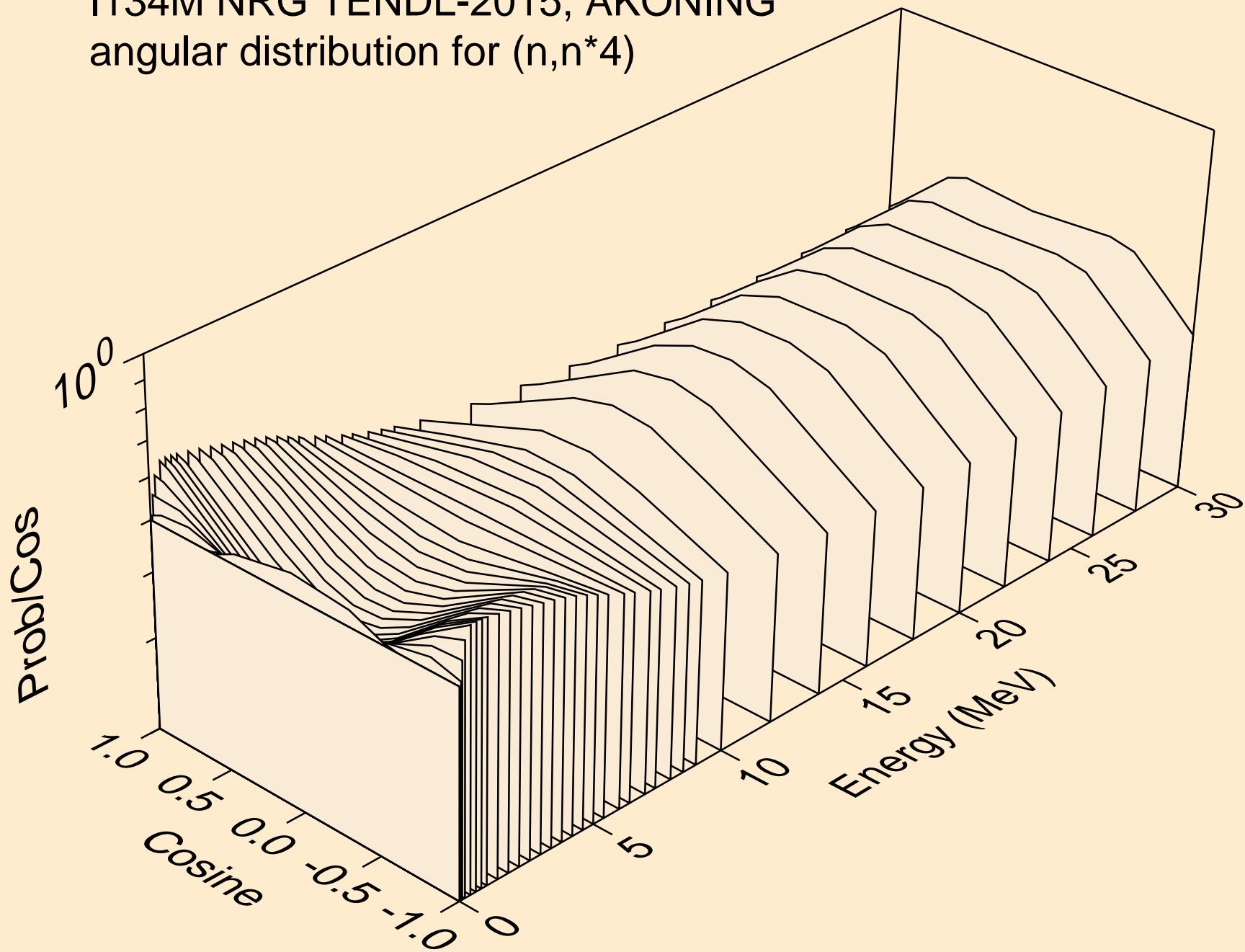
I134M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*2)$



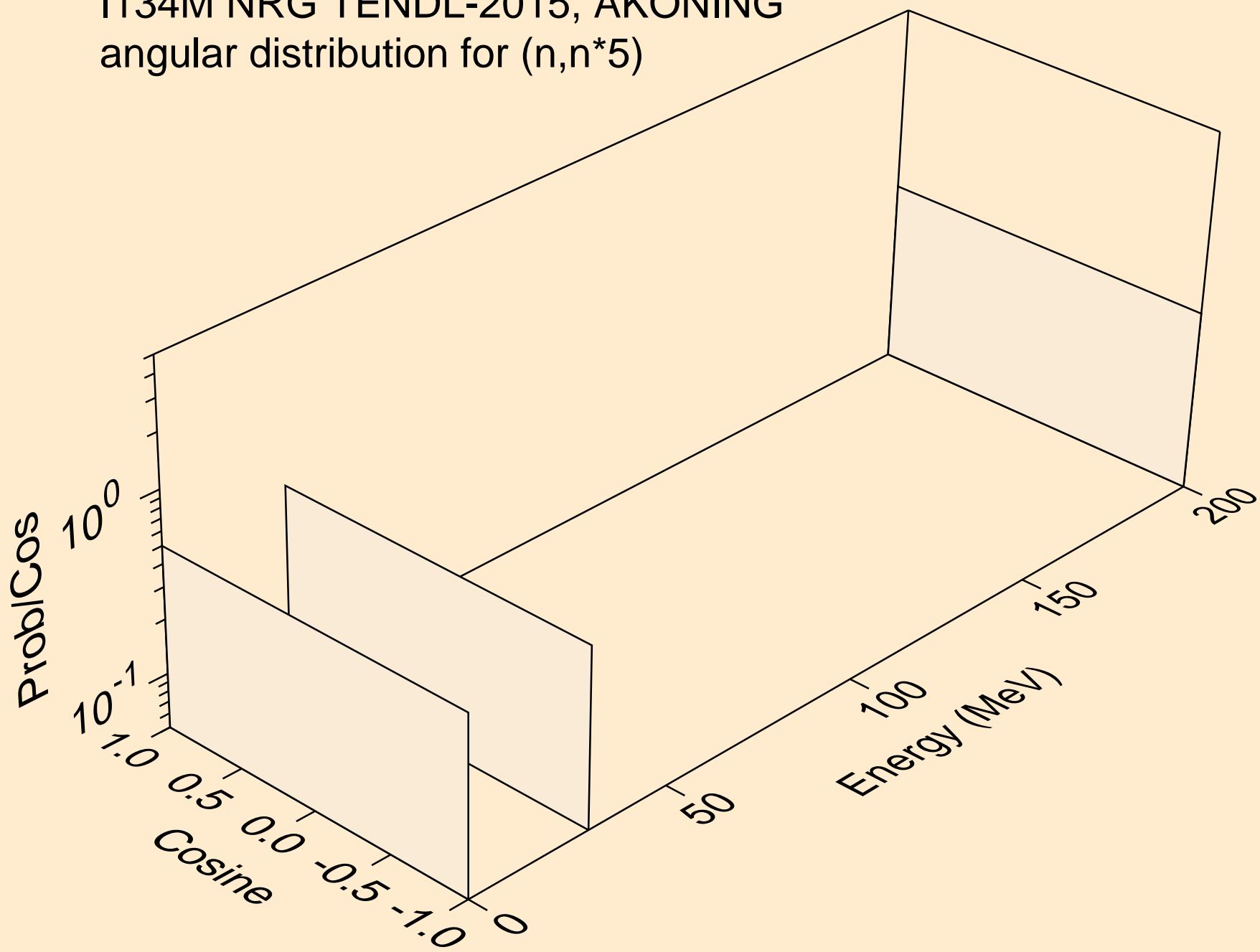
I134M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



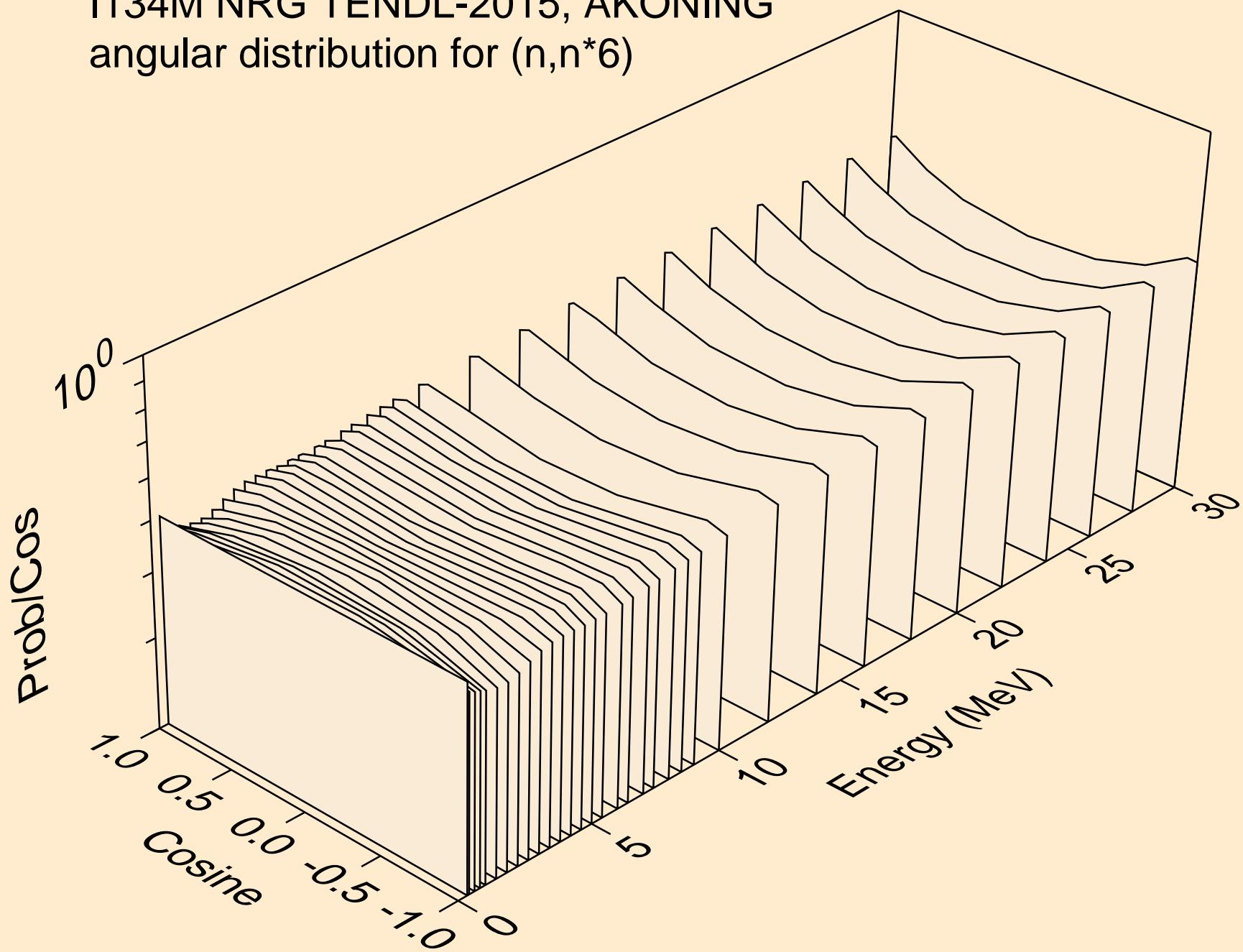
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angular distribution for (n,n\*4)



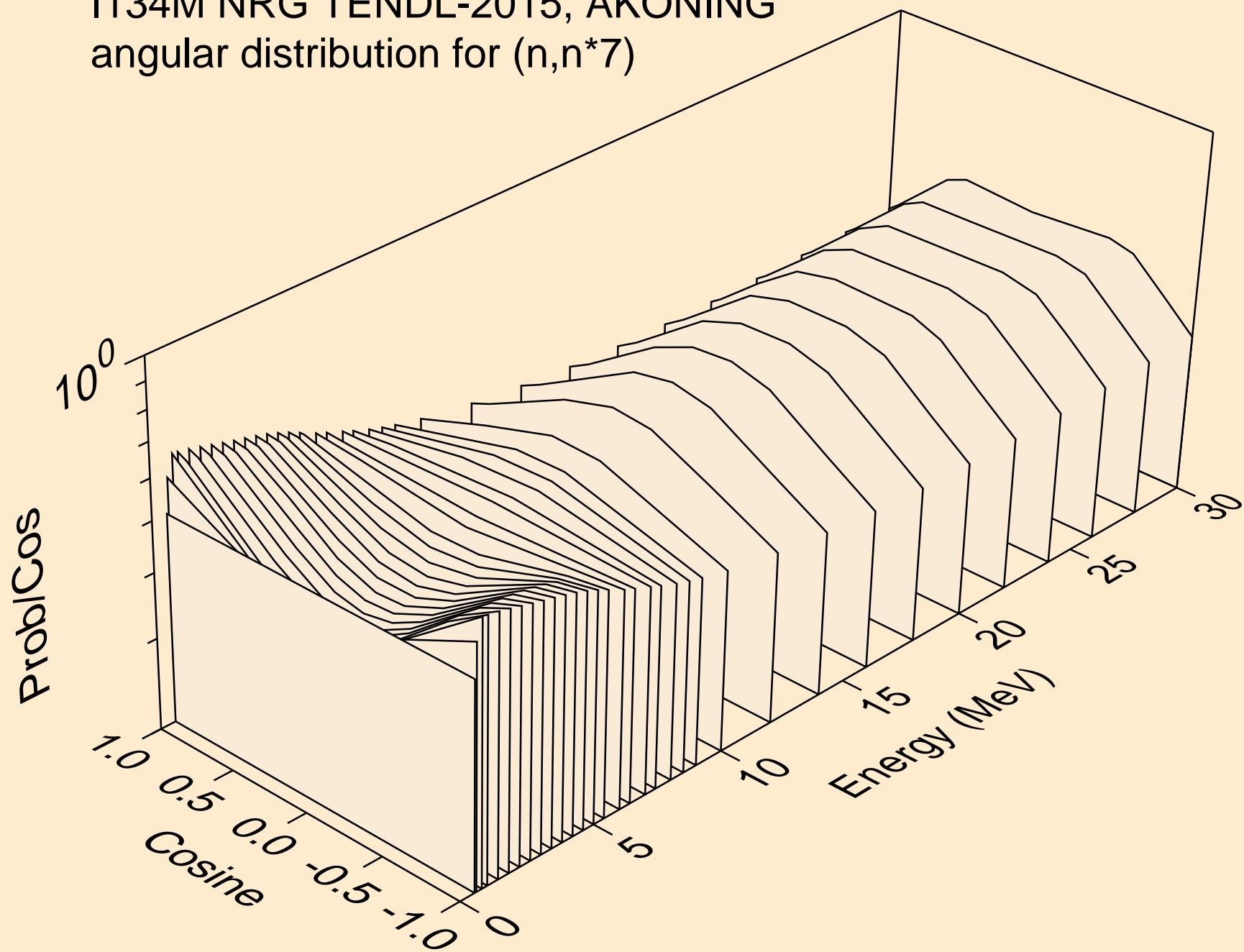
I134M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



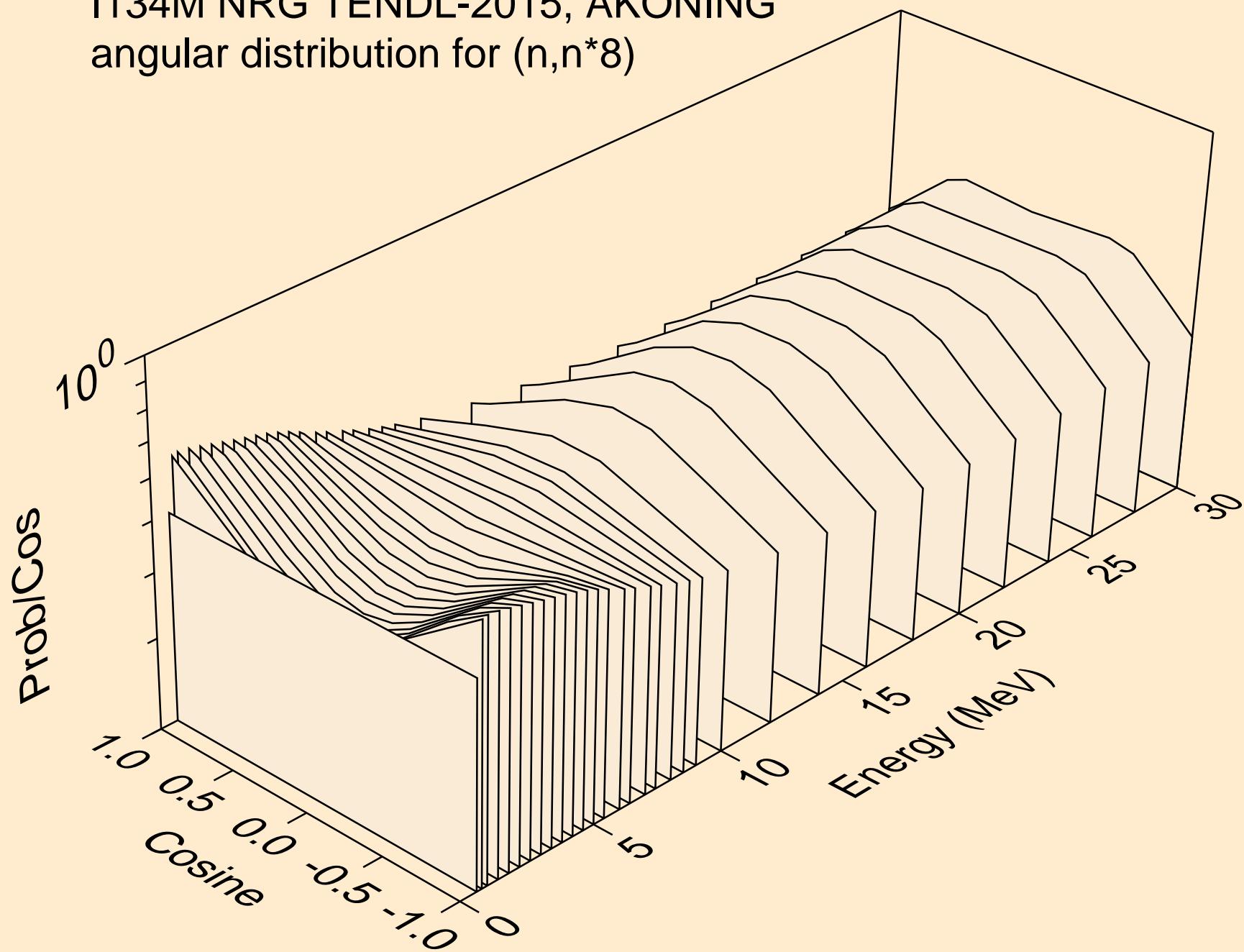
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angular distribution for  $(n,n^*6)$



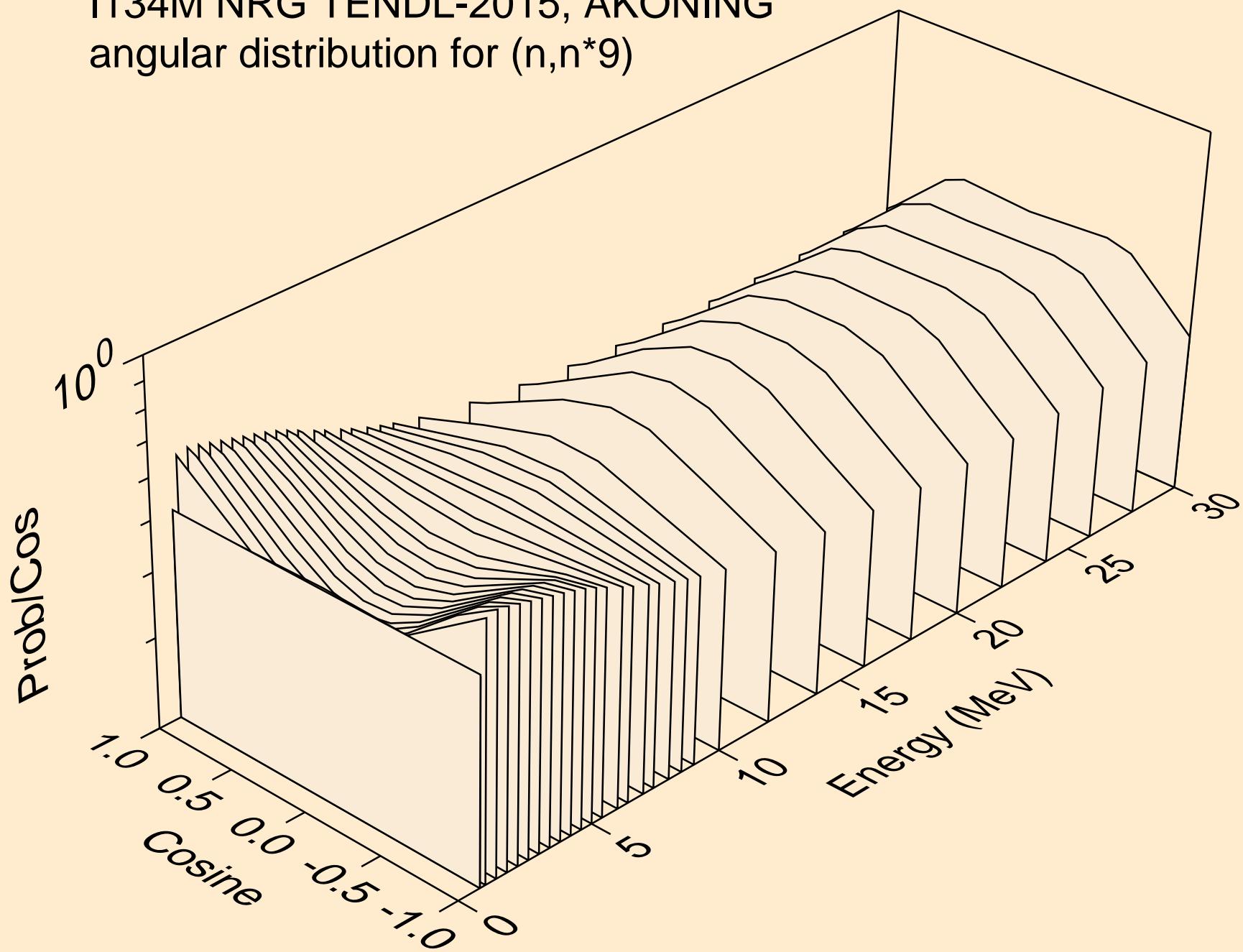
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angular distribution for (n,n\*7)



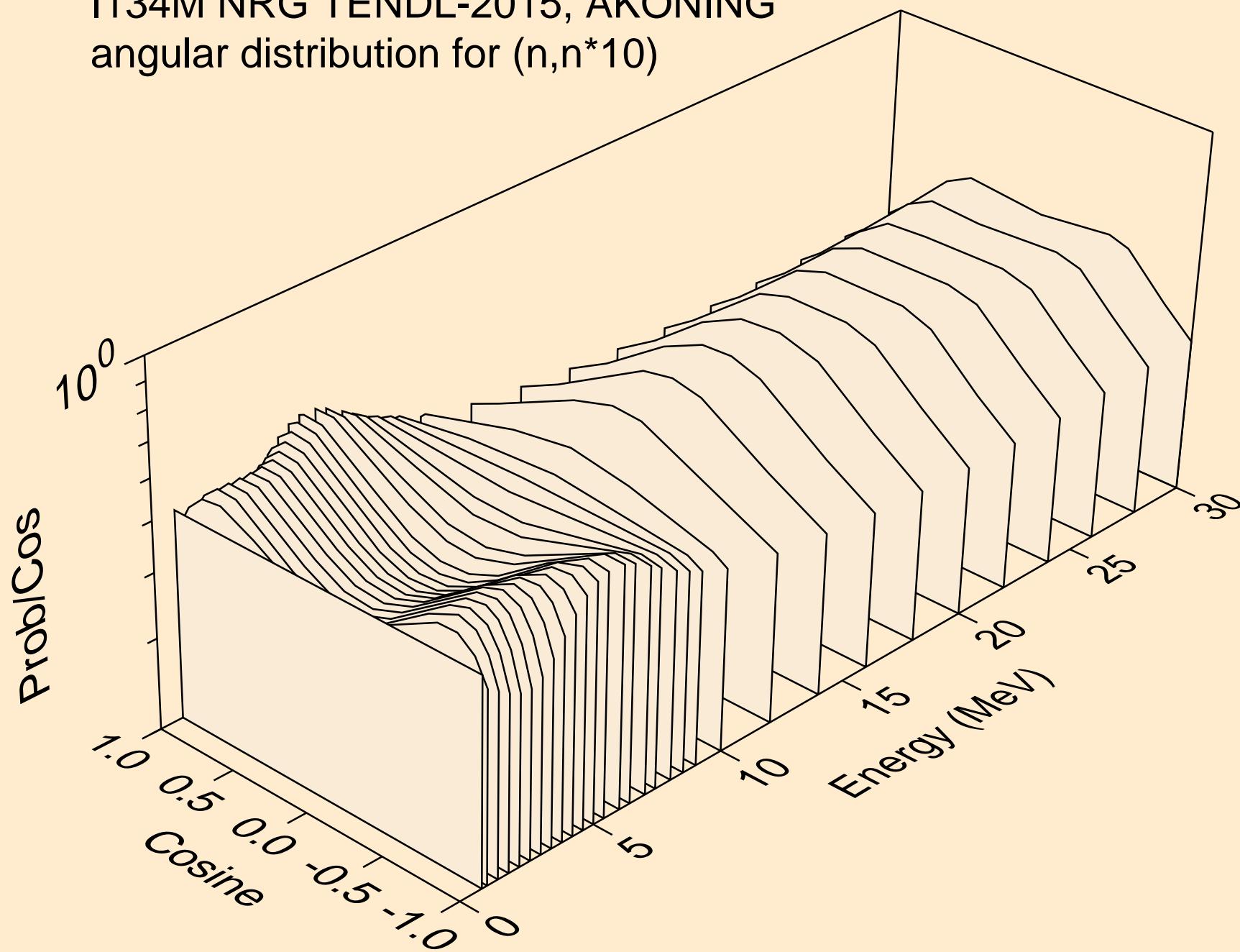
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angular distribution for (n,n\*8)



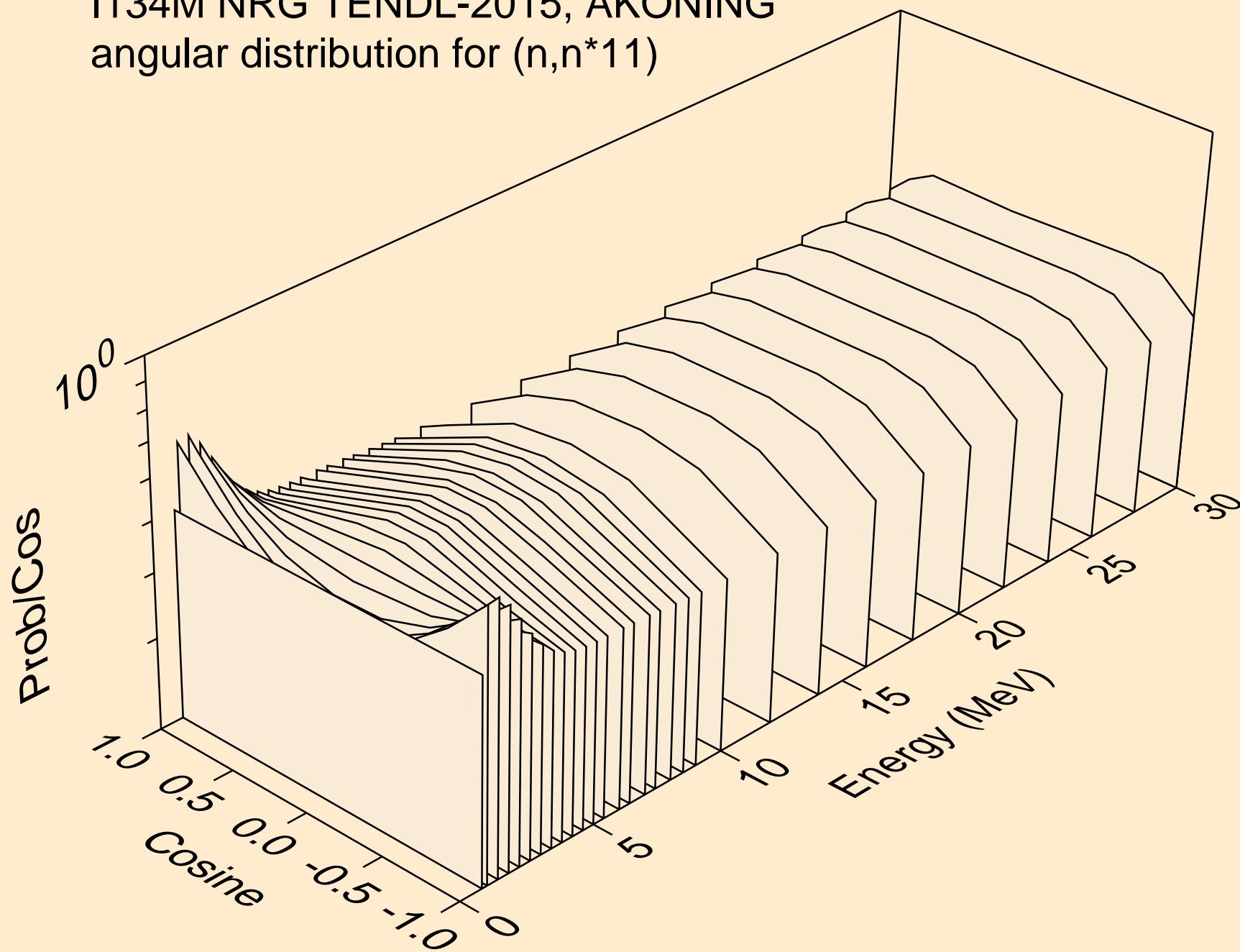
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angular distribution for (n,n\*9)



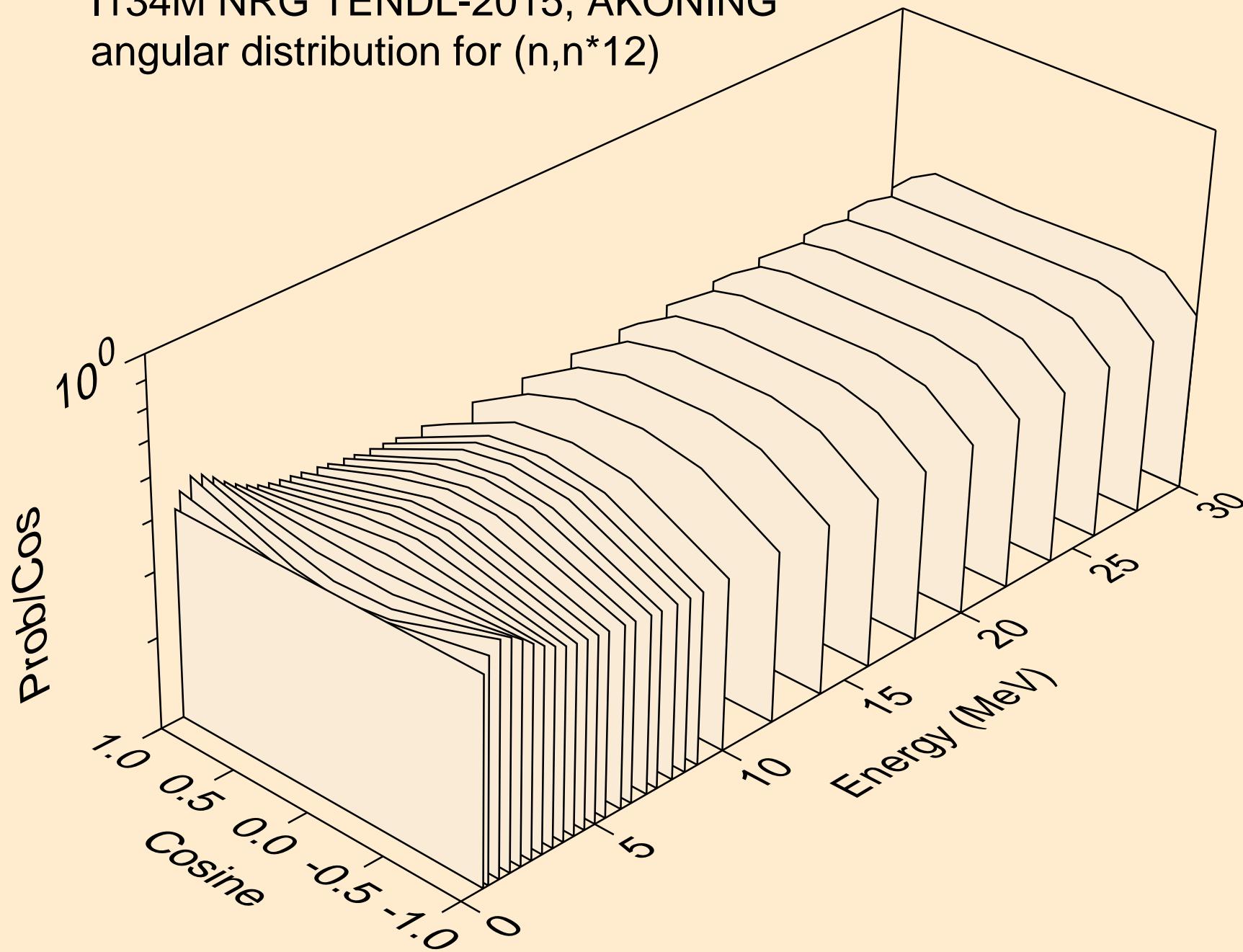
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angular distribution for (n,n\*10)



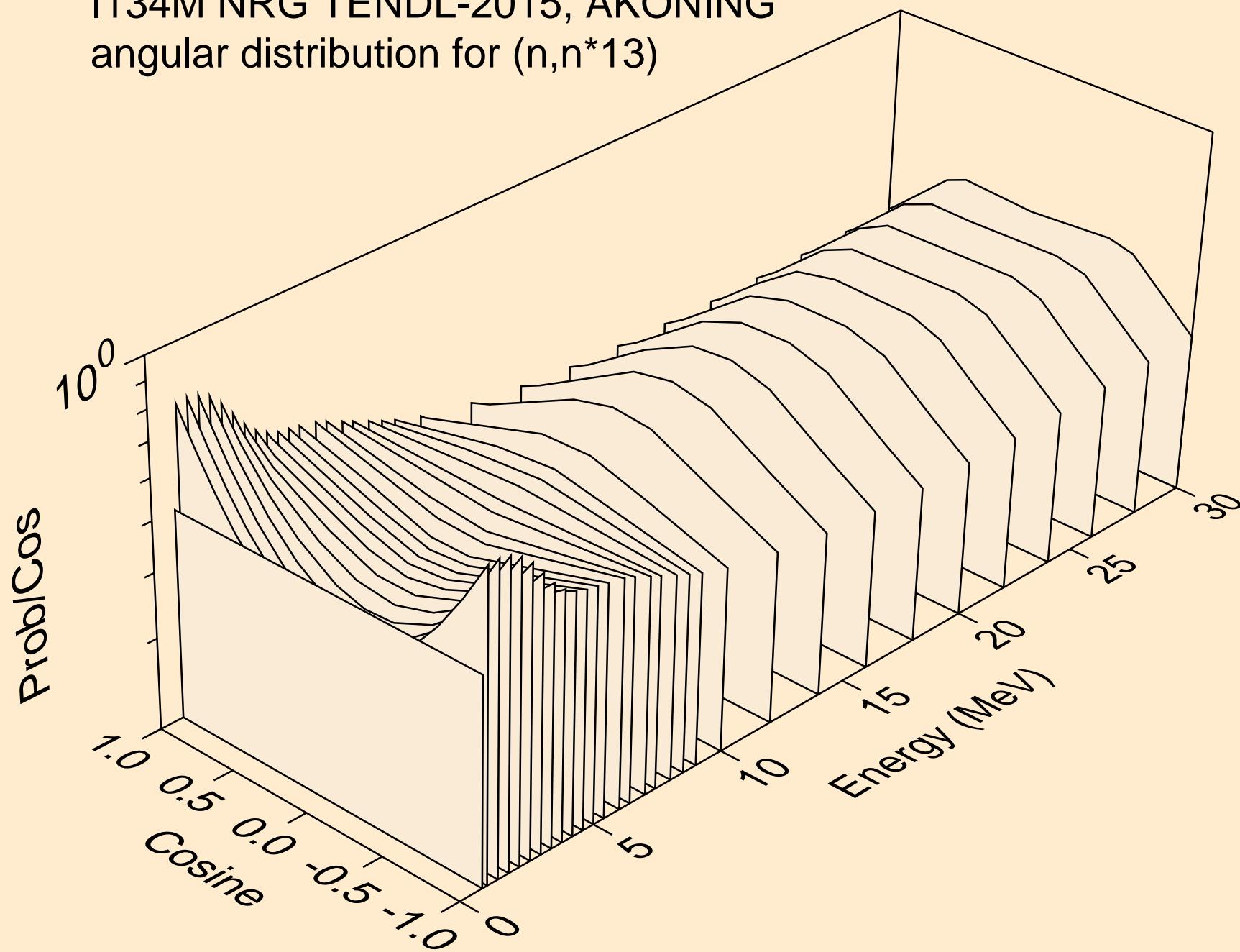
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angular distribution for (n,n\*11)



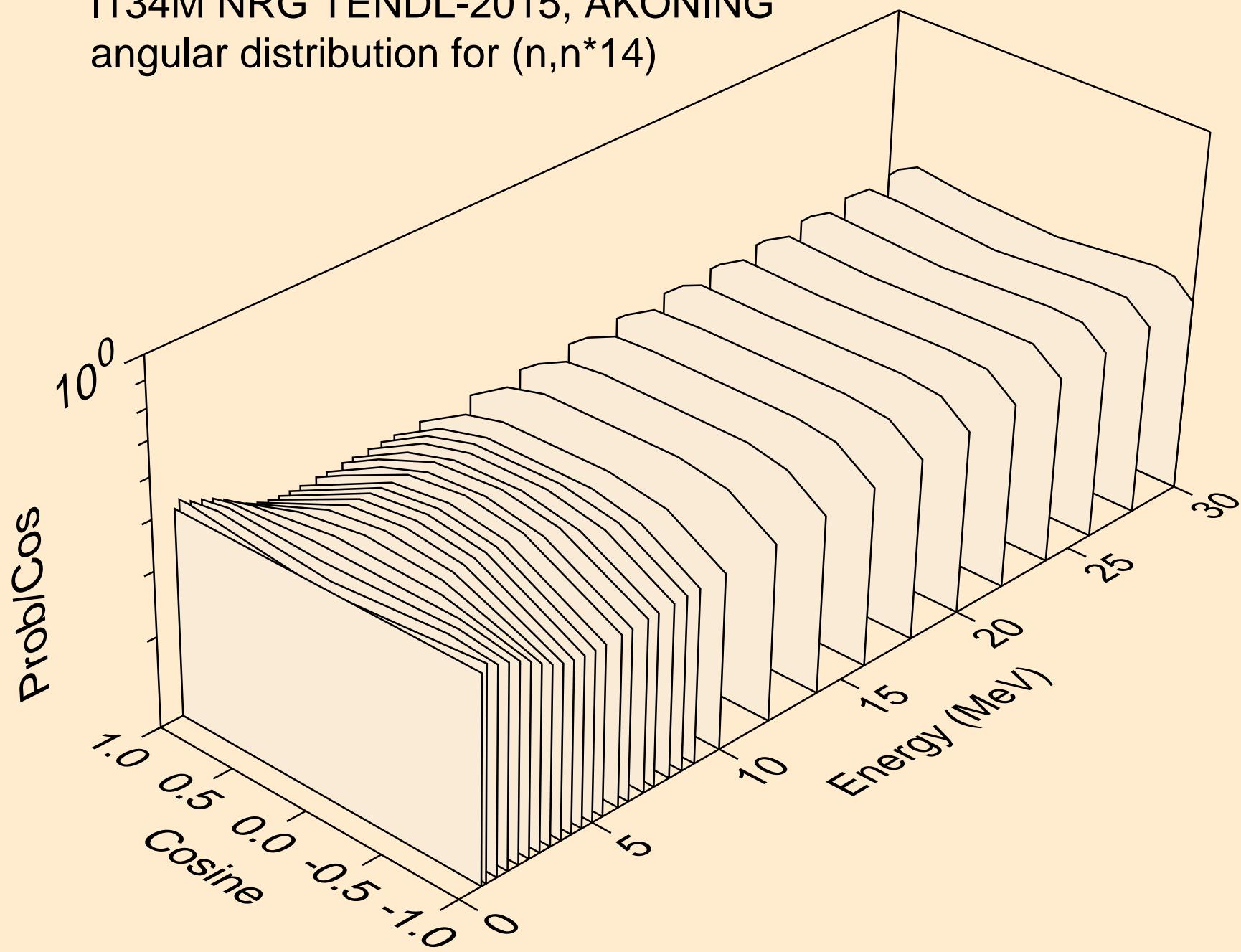
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angular distribution for (n,n\*12)



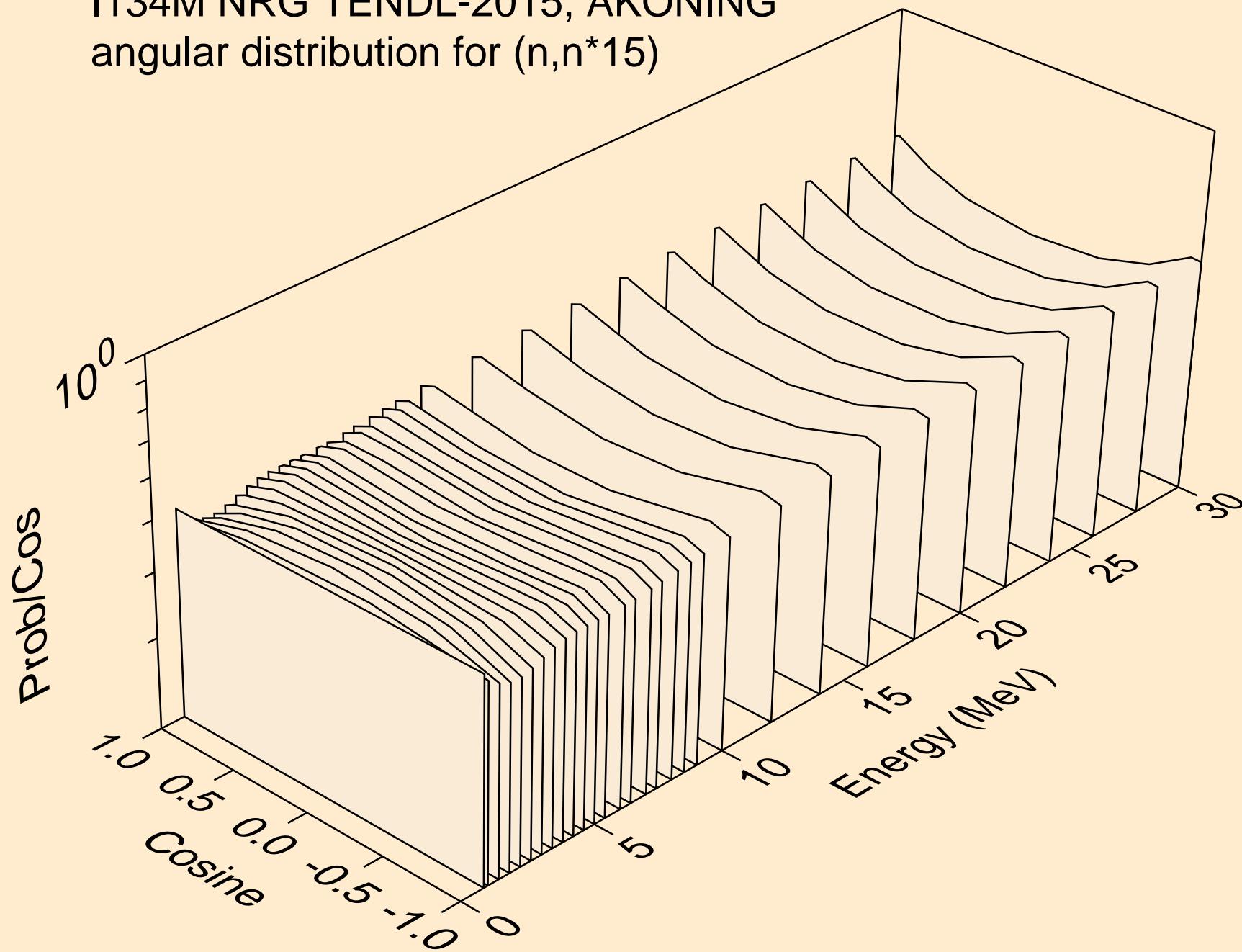
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angular distribution for  $(n,n^*13)$



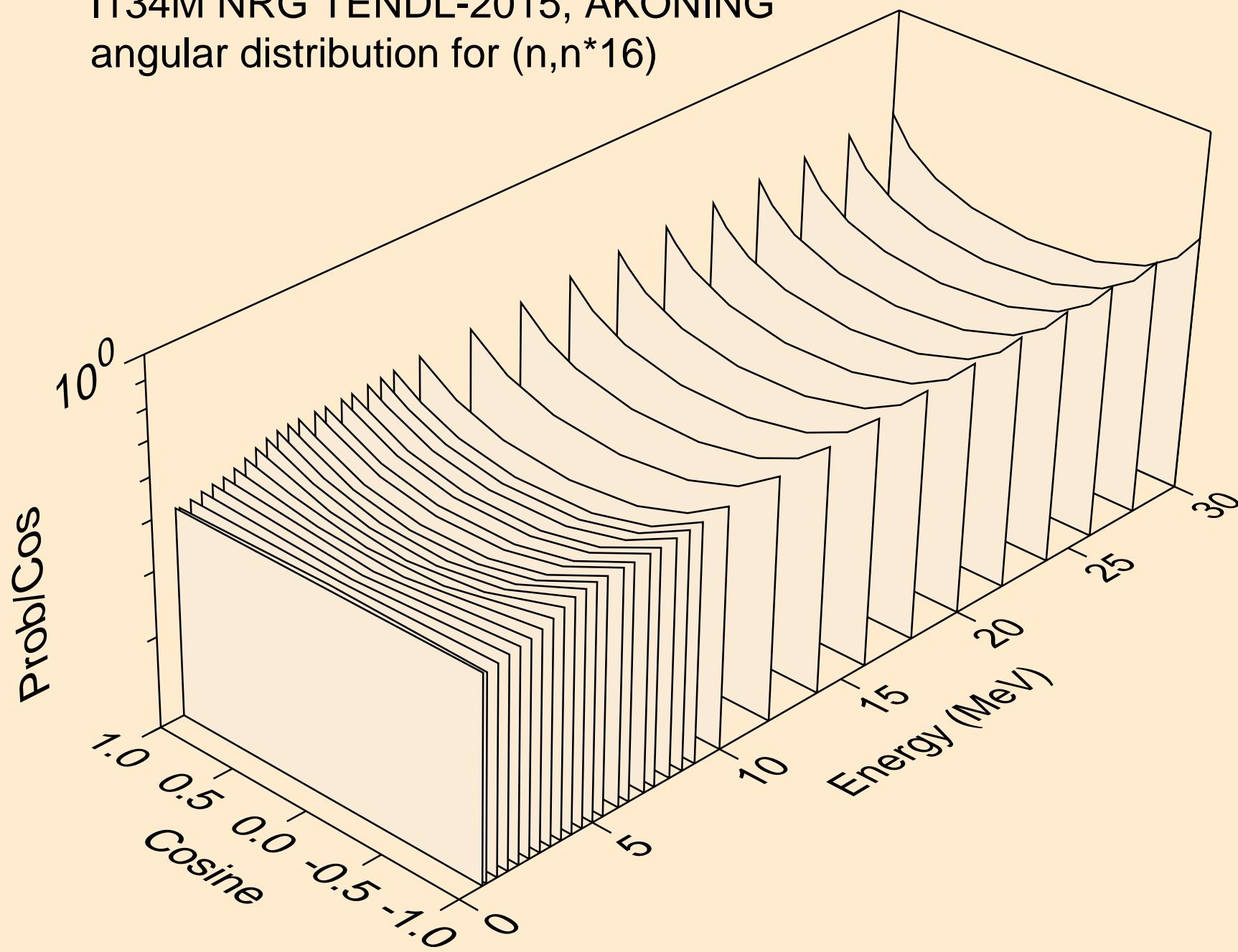
I134M NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*14$ )



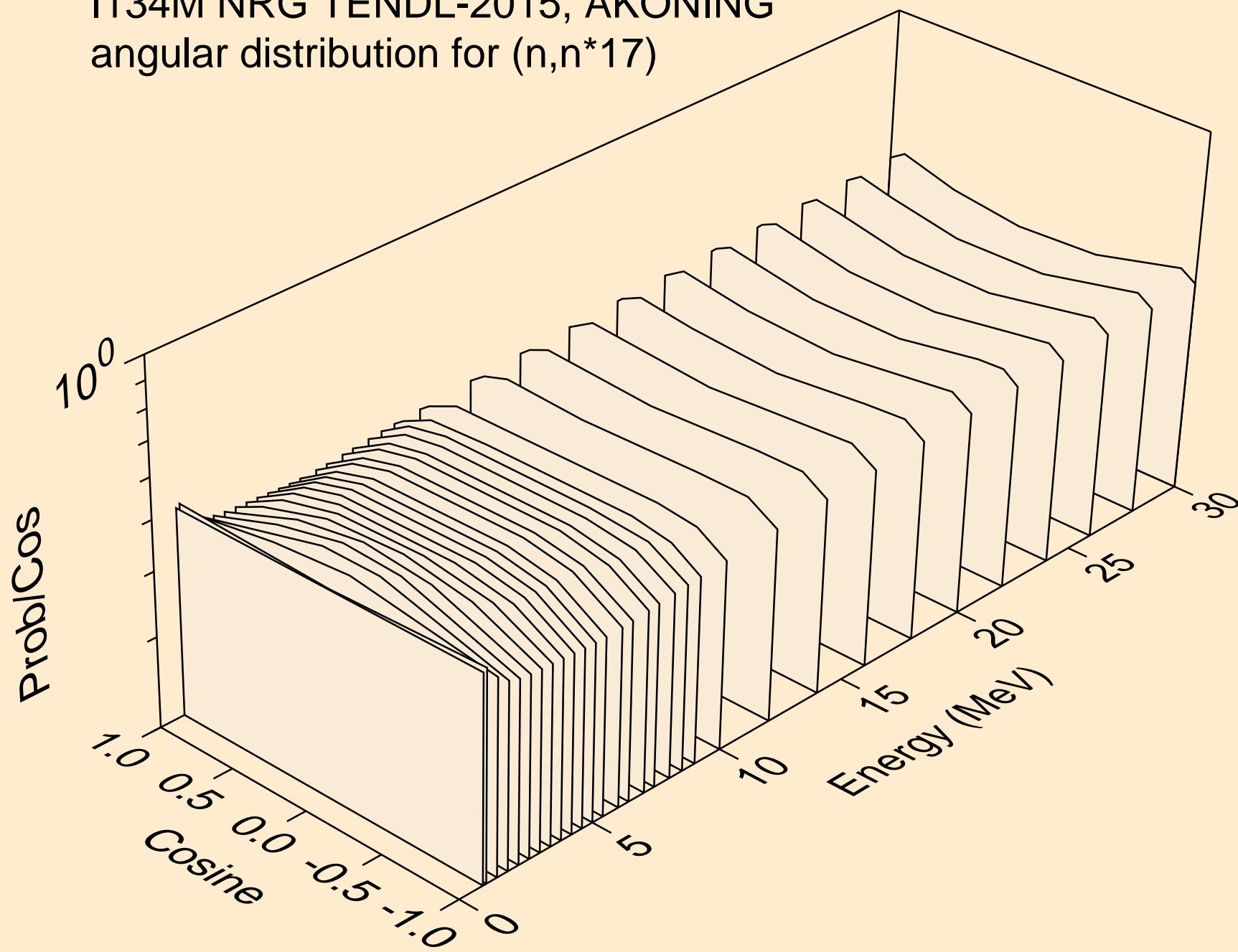
I134M NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*15$ )



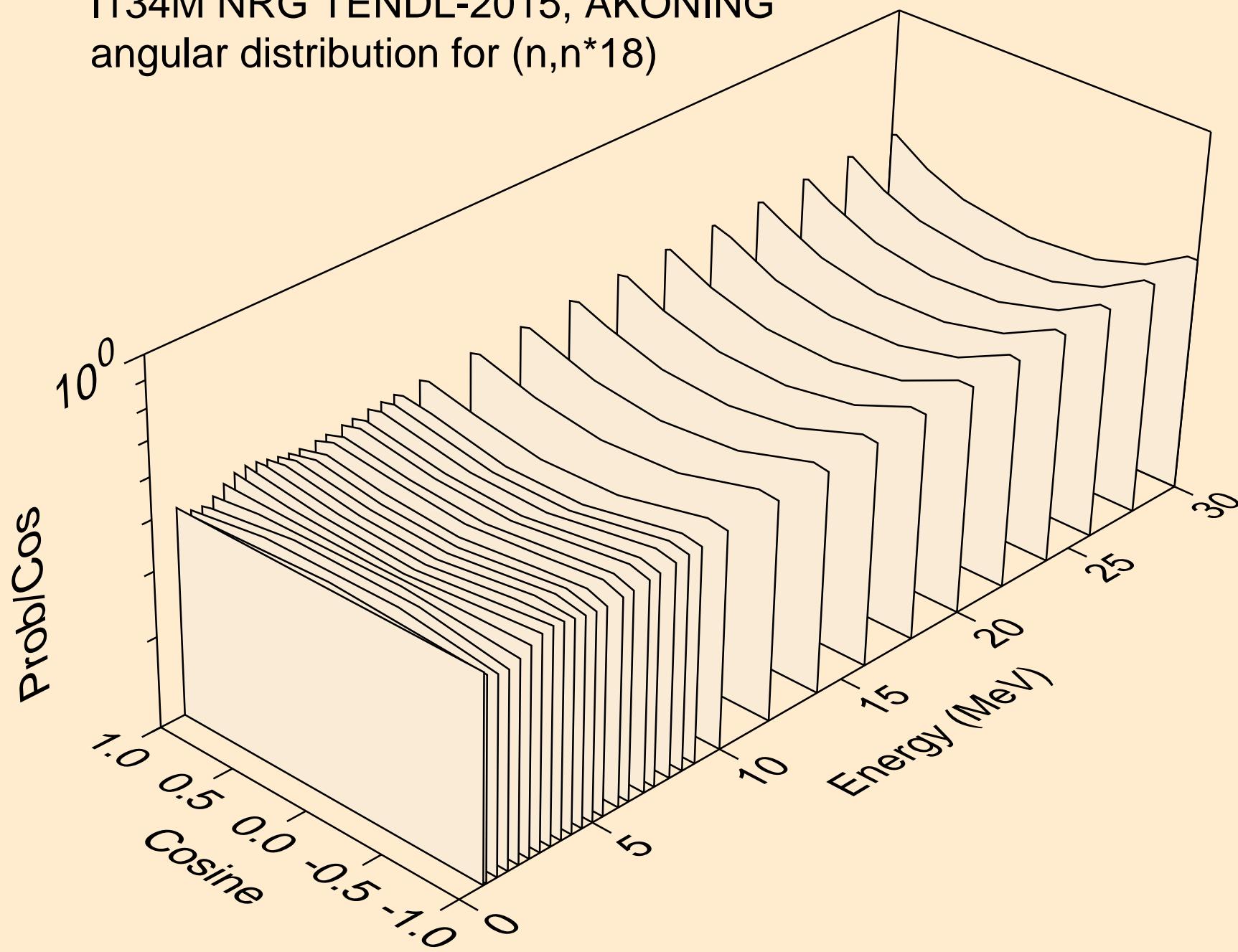
I134M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



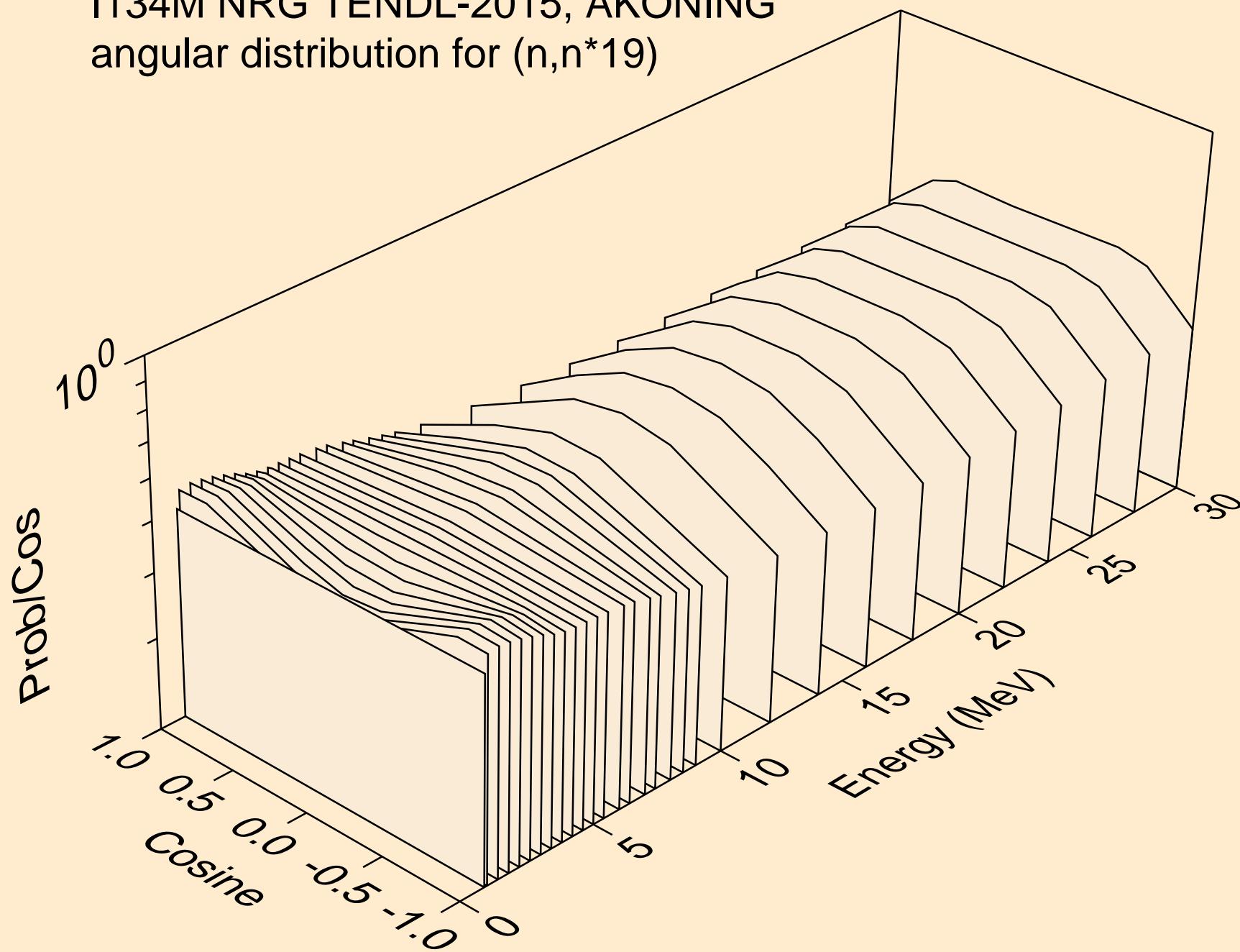
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angular distribution for ( $n,n^*17$ )



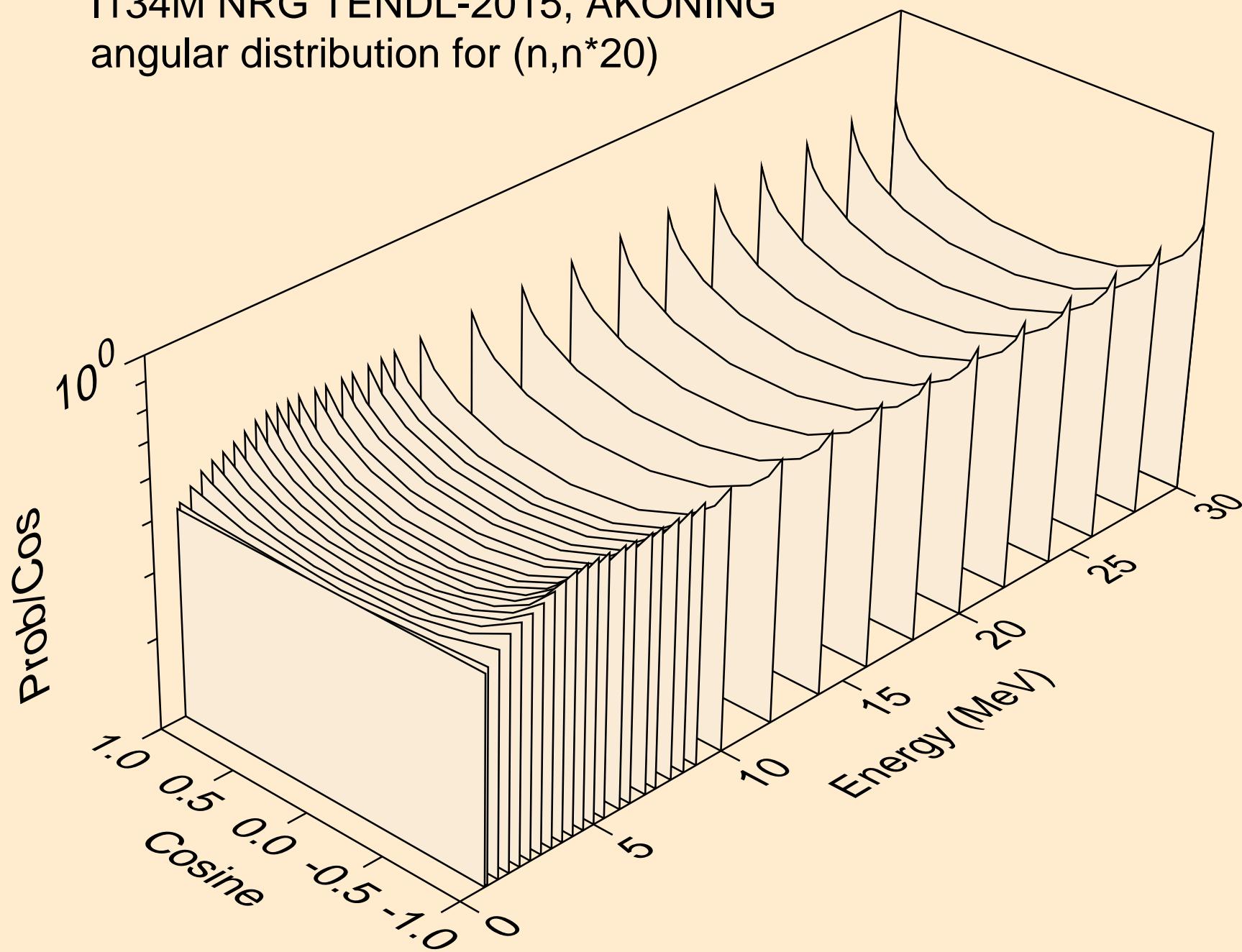
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angular distribution for (n,n\*18)



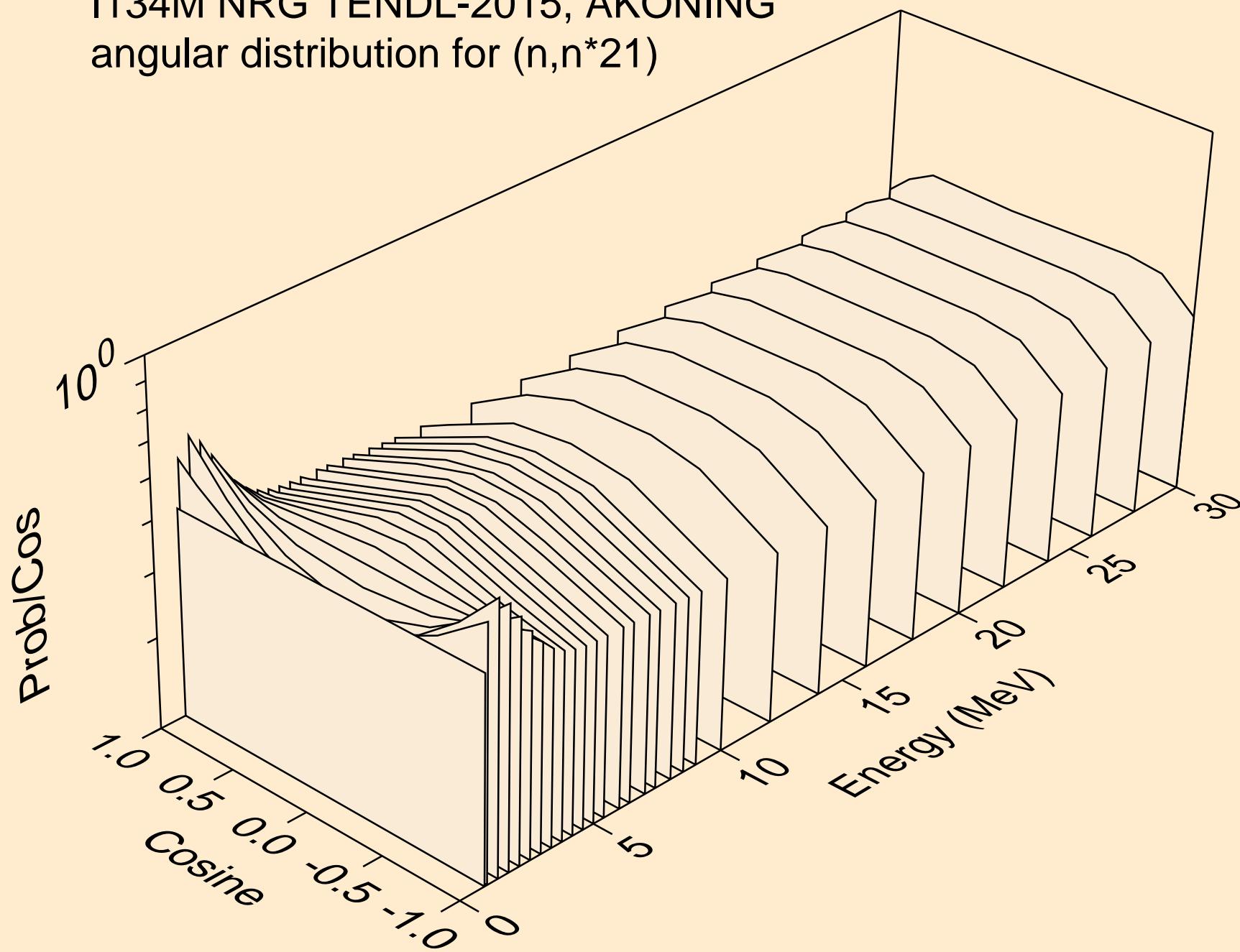
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angular distribution for (n,n\*19)



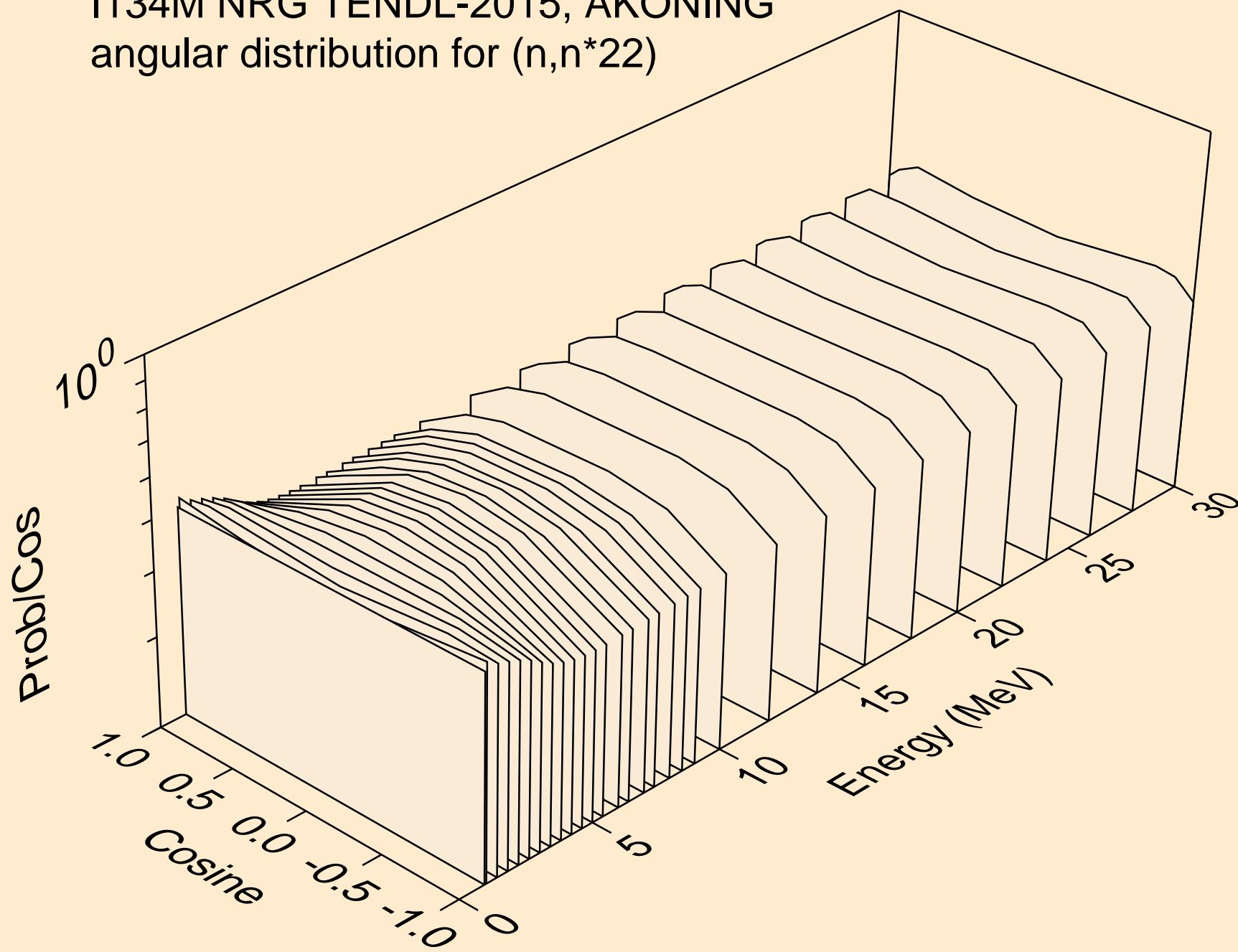
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angular distribution for  $(n,n^*)^{20}$



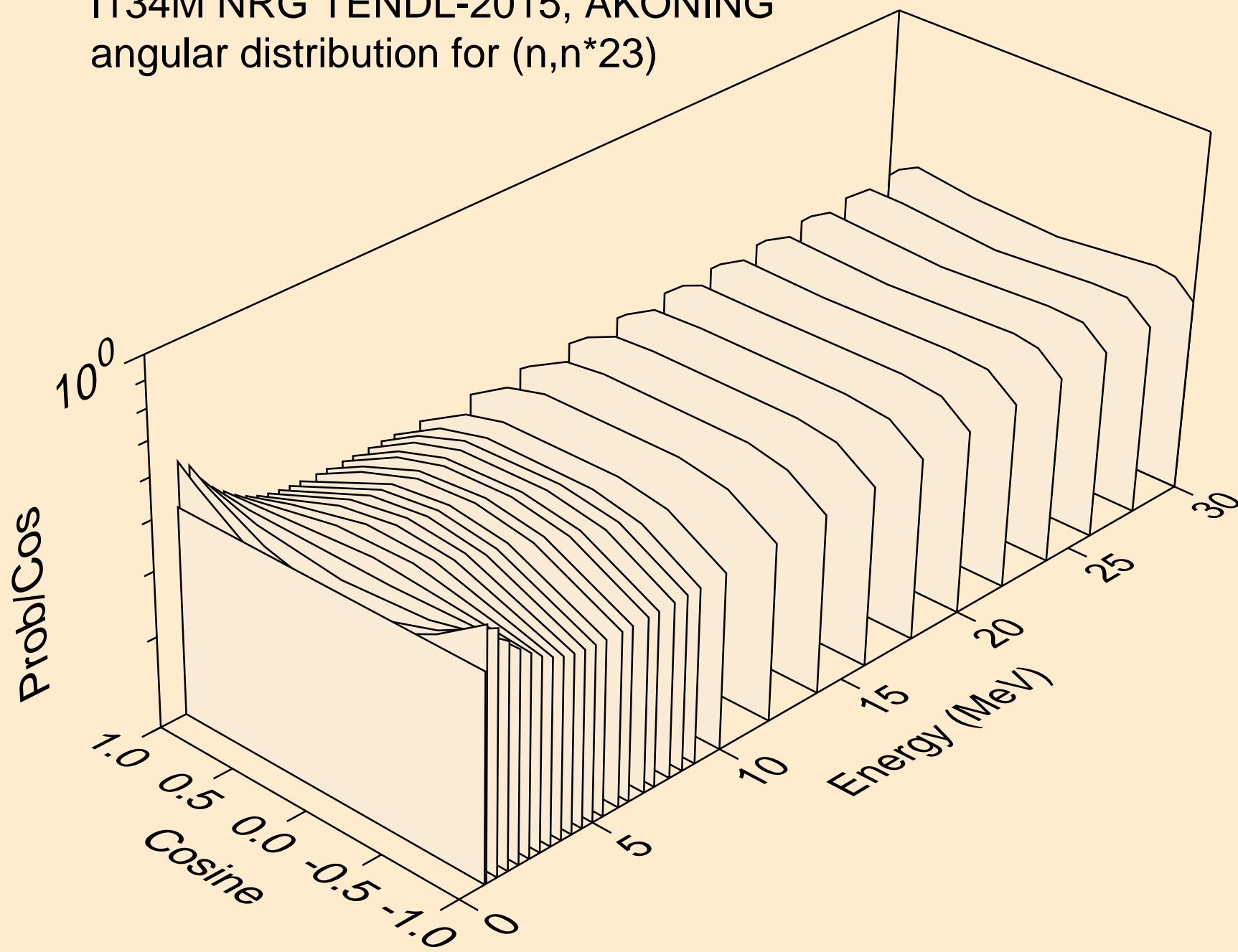
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angular distribution for ( $n,n^*21$ )



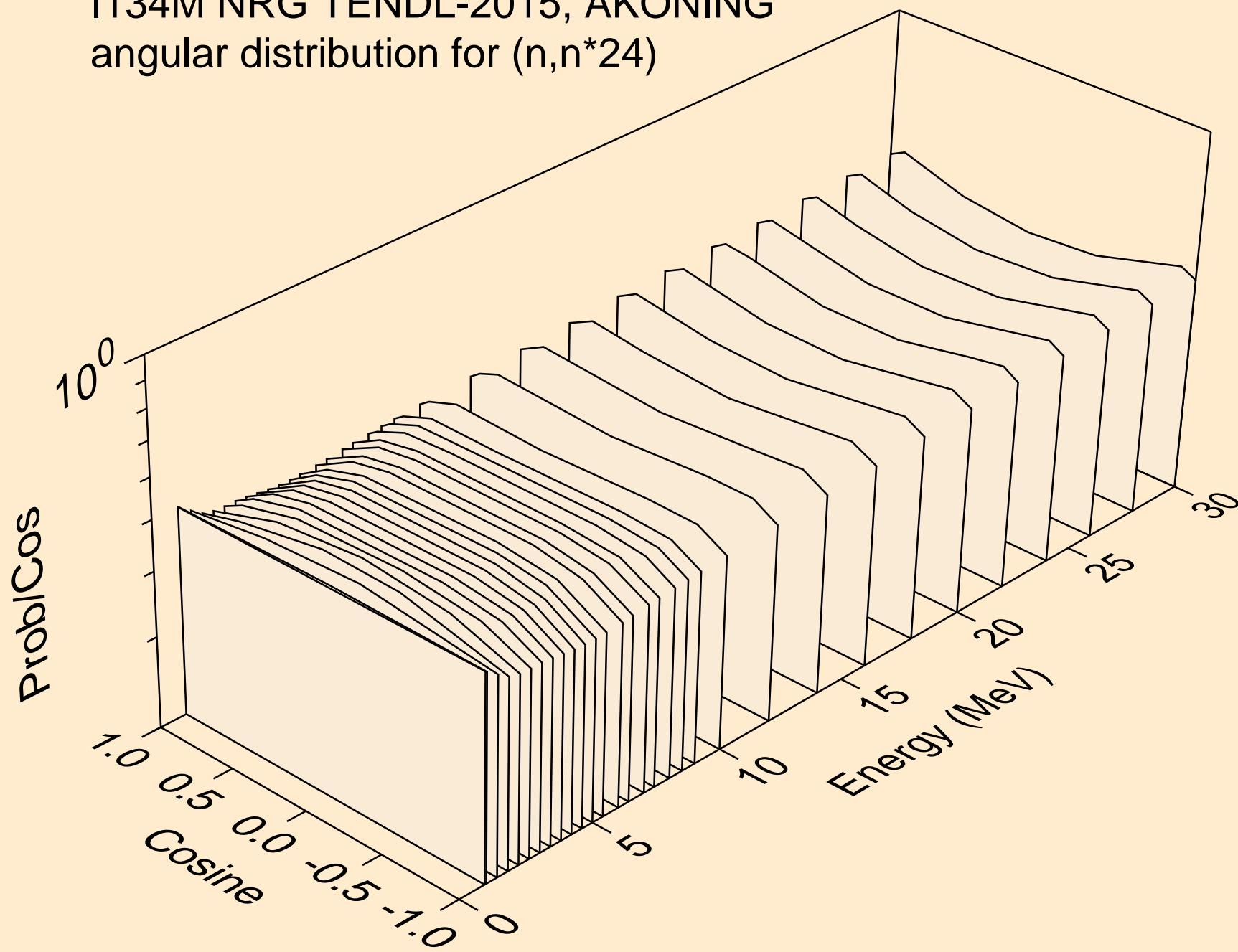
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angular distribution for ( $n,n^*$ )<sup>22</sup>



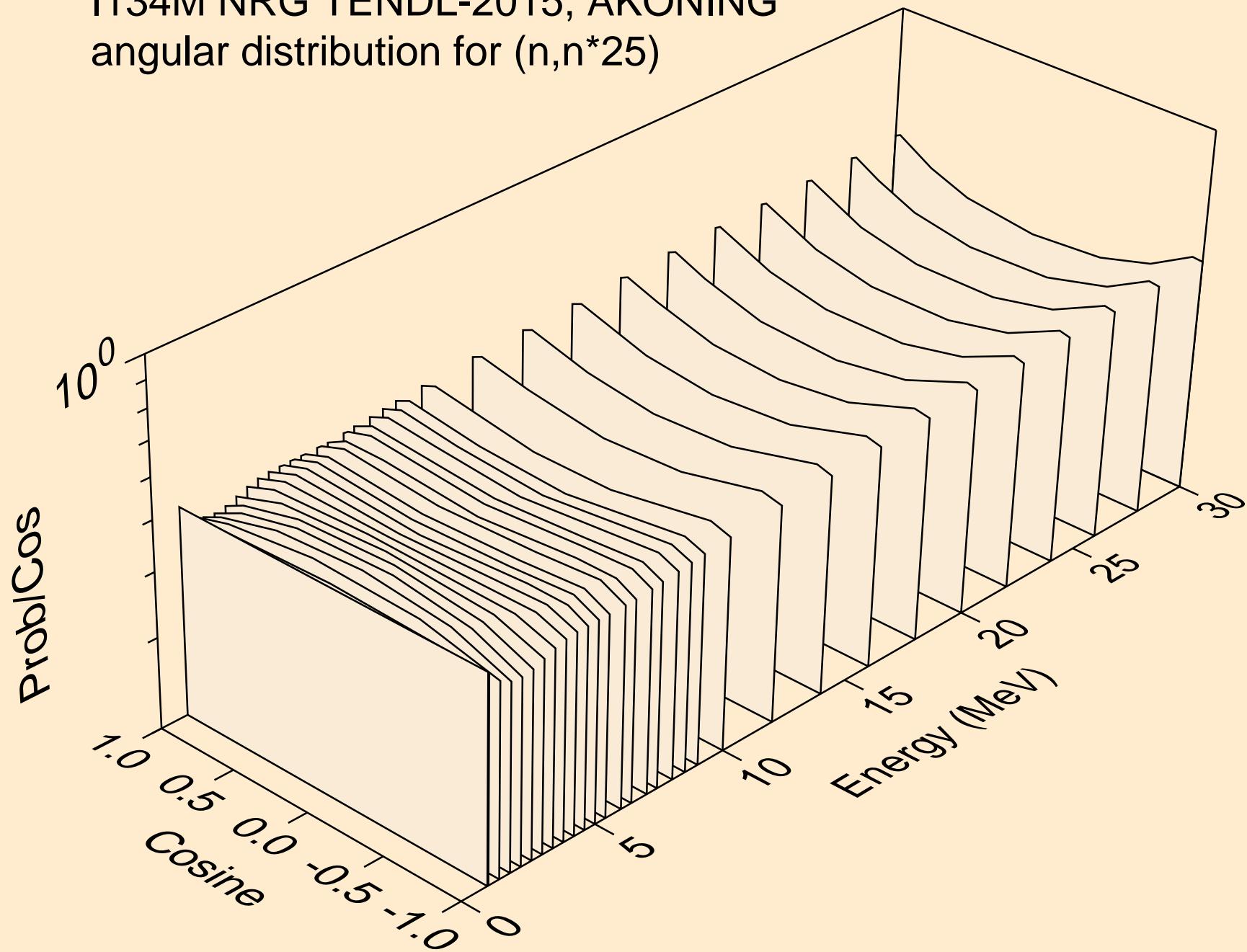
I134M NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )23



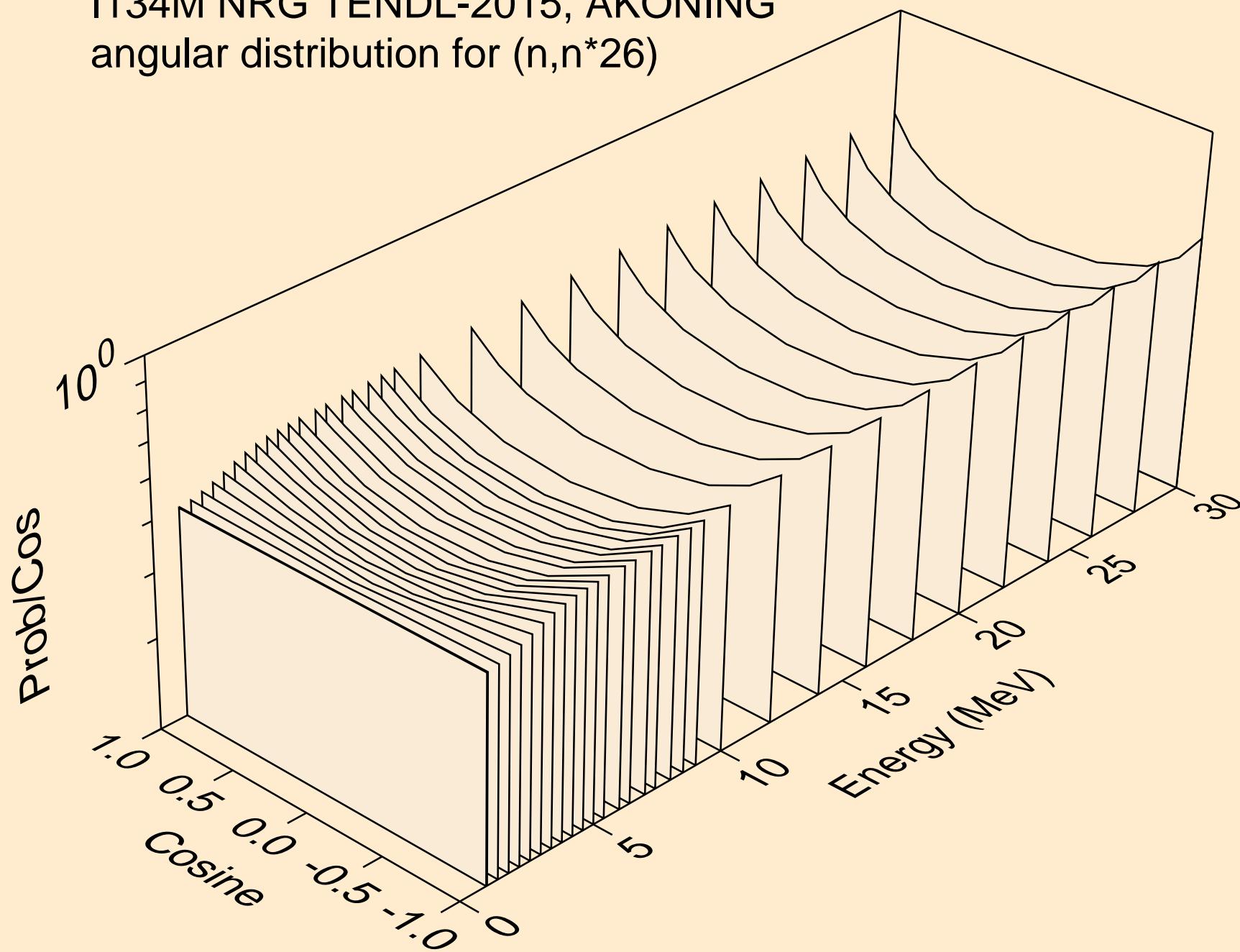
I134M NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )24



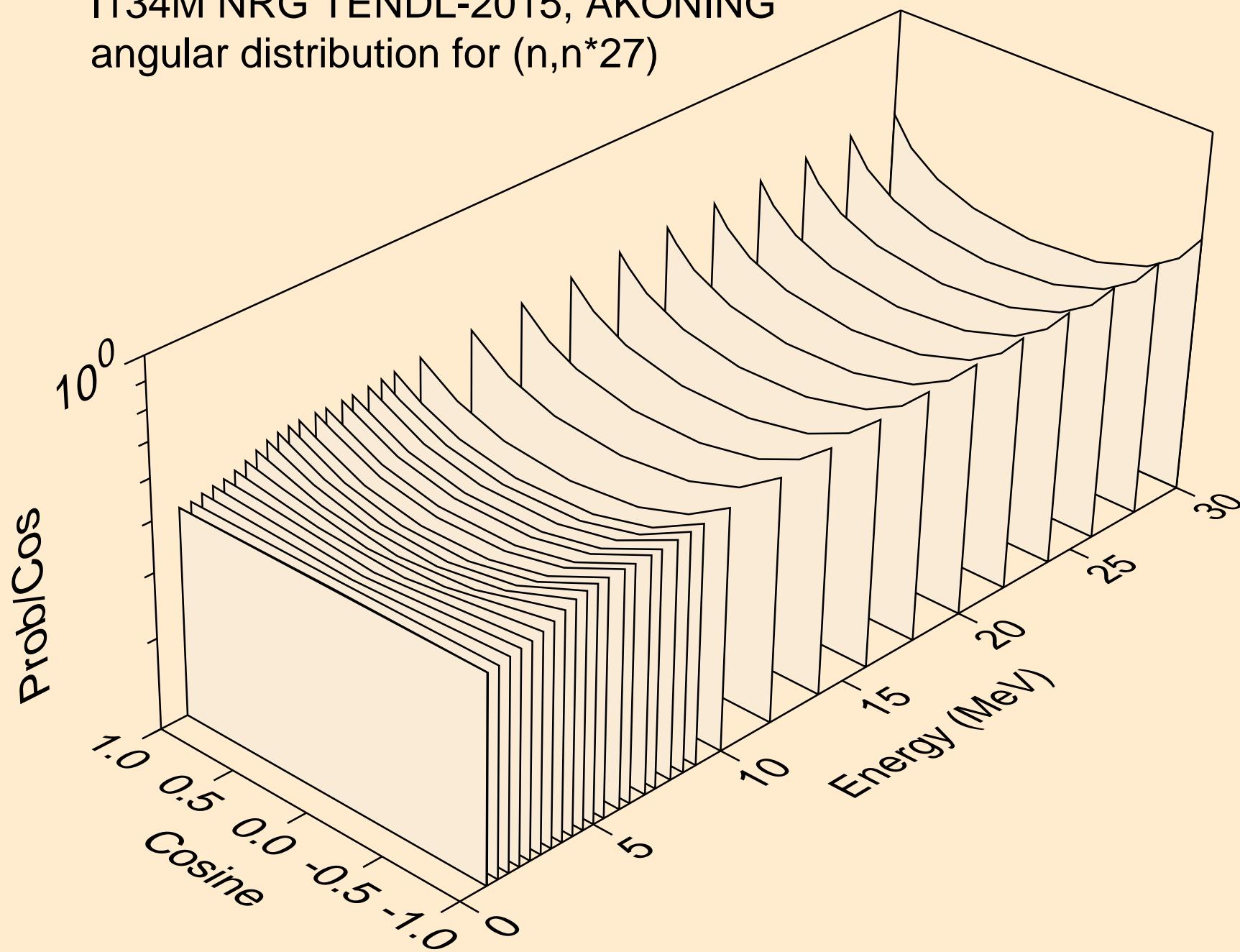
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angular distribution for (n,n\*25)



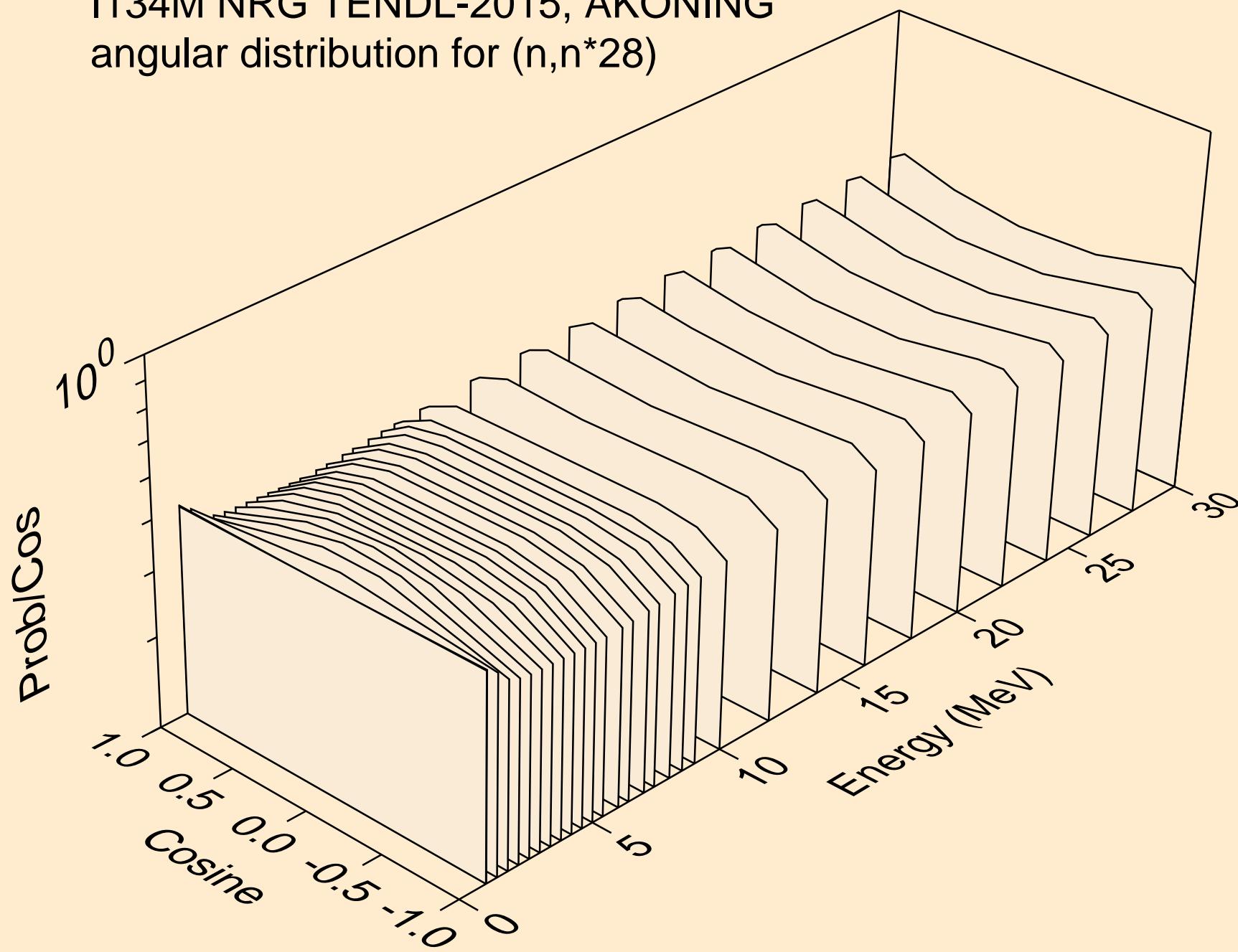
I134M NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )26



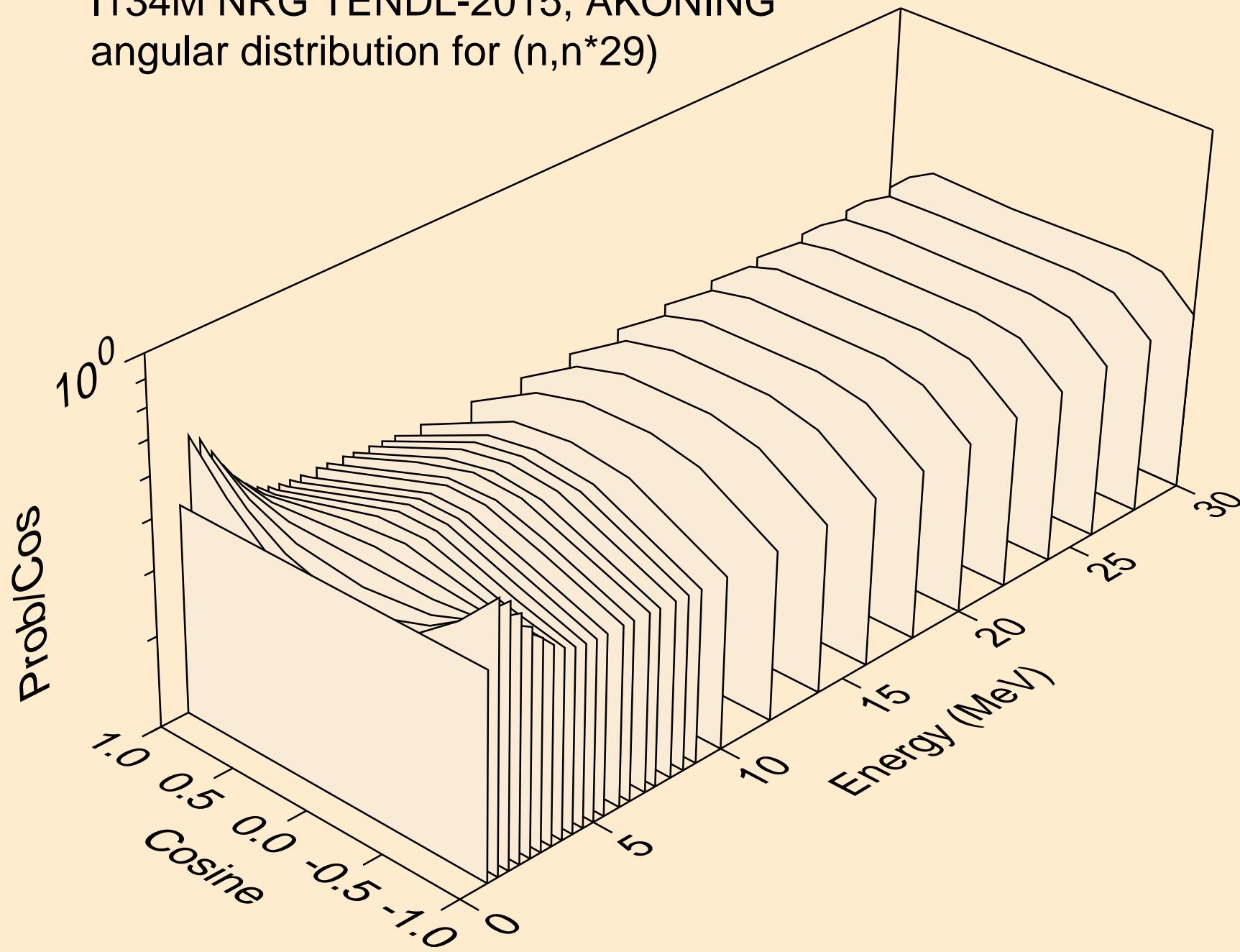
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angular distribution for  $(n,n^*27)$



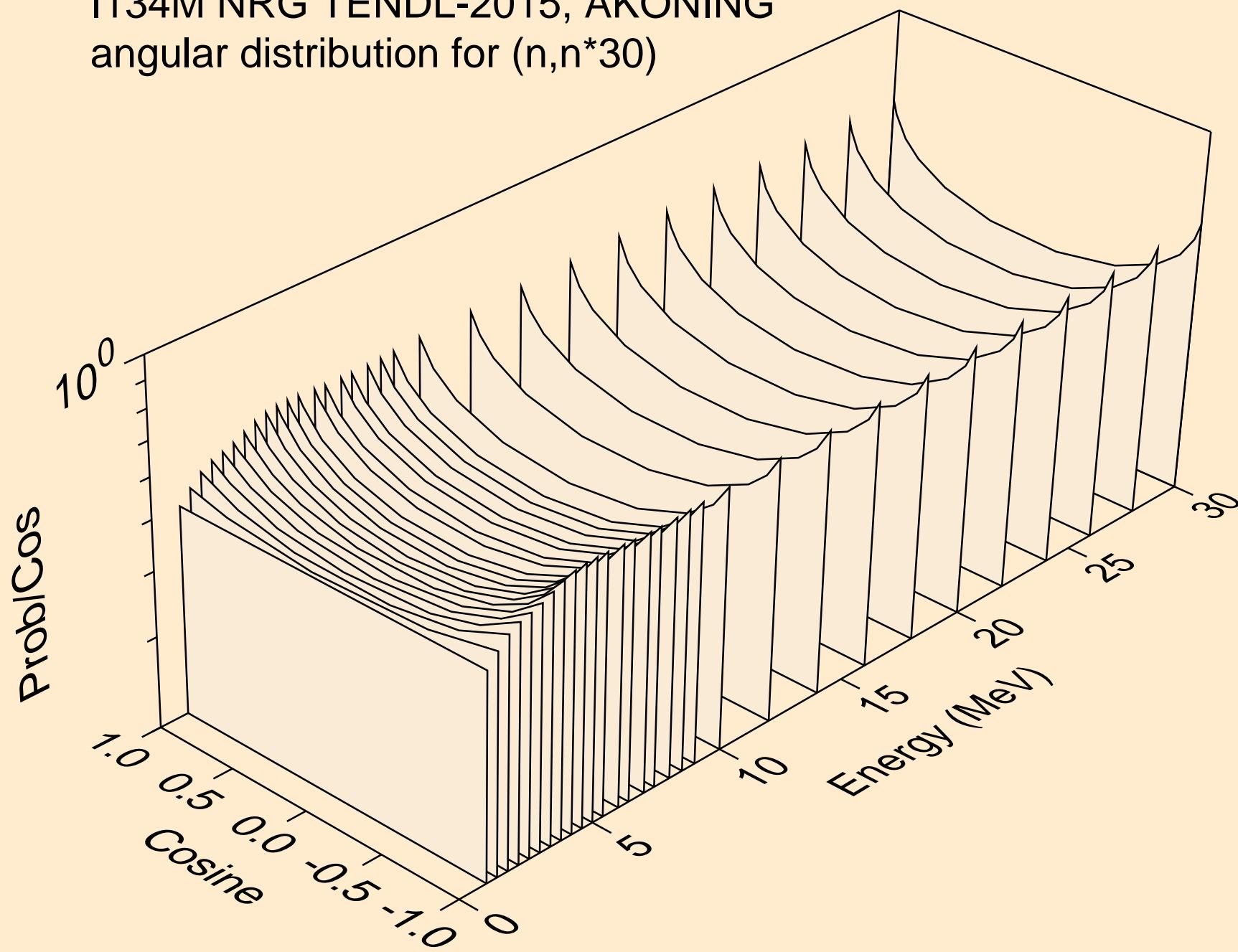
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angular distribution for (n,n\*28)



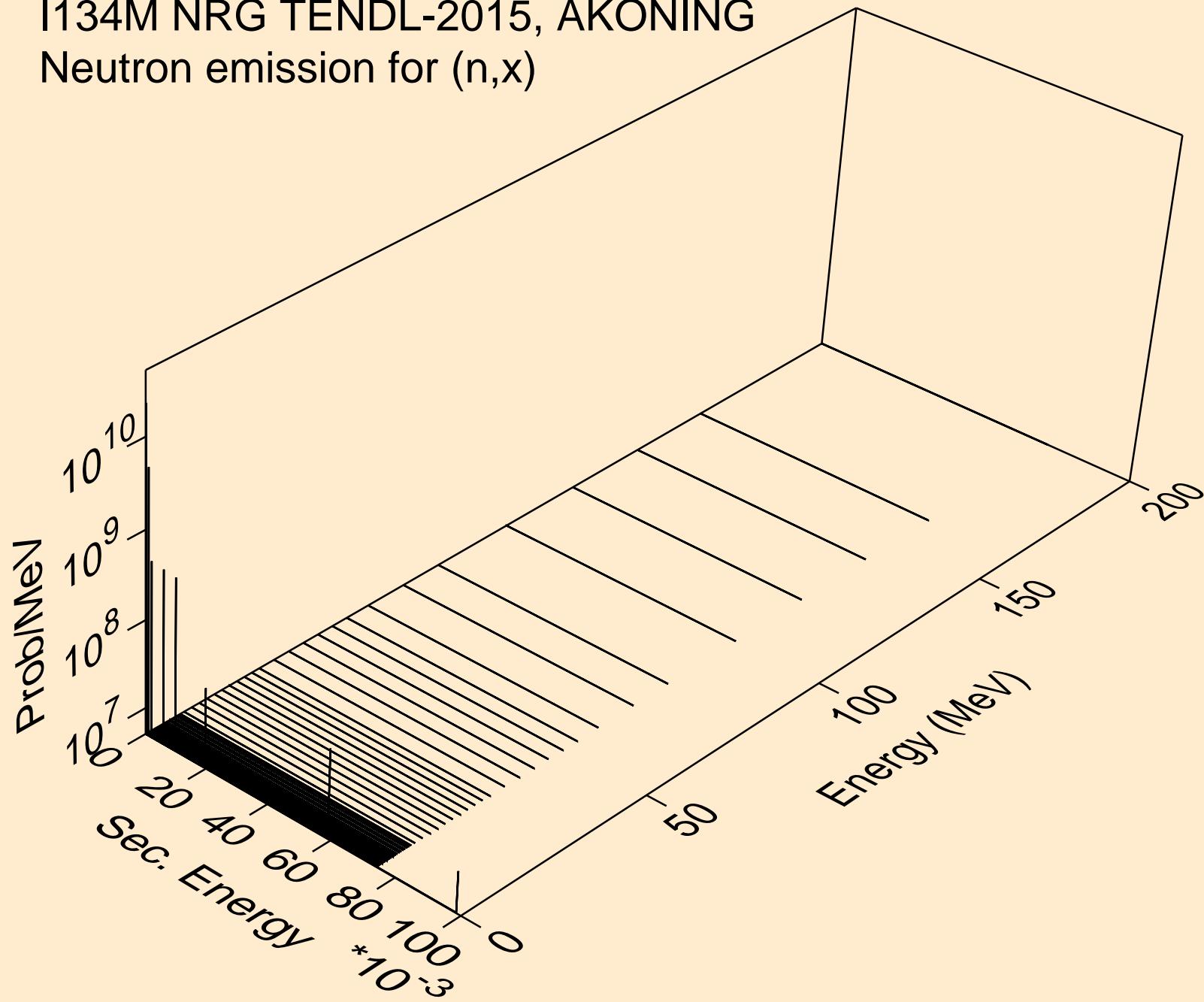
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angular distribution for (n,n\*29)



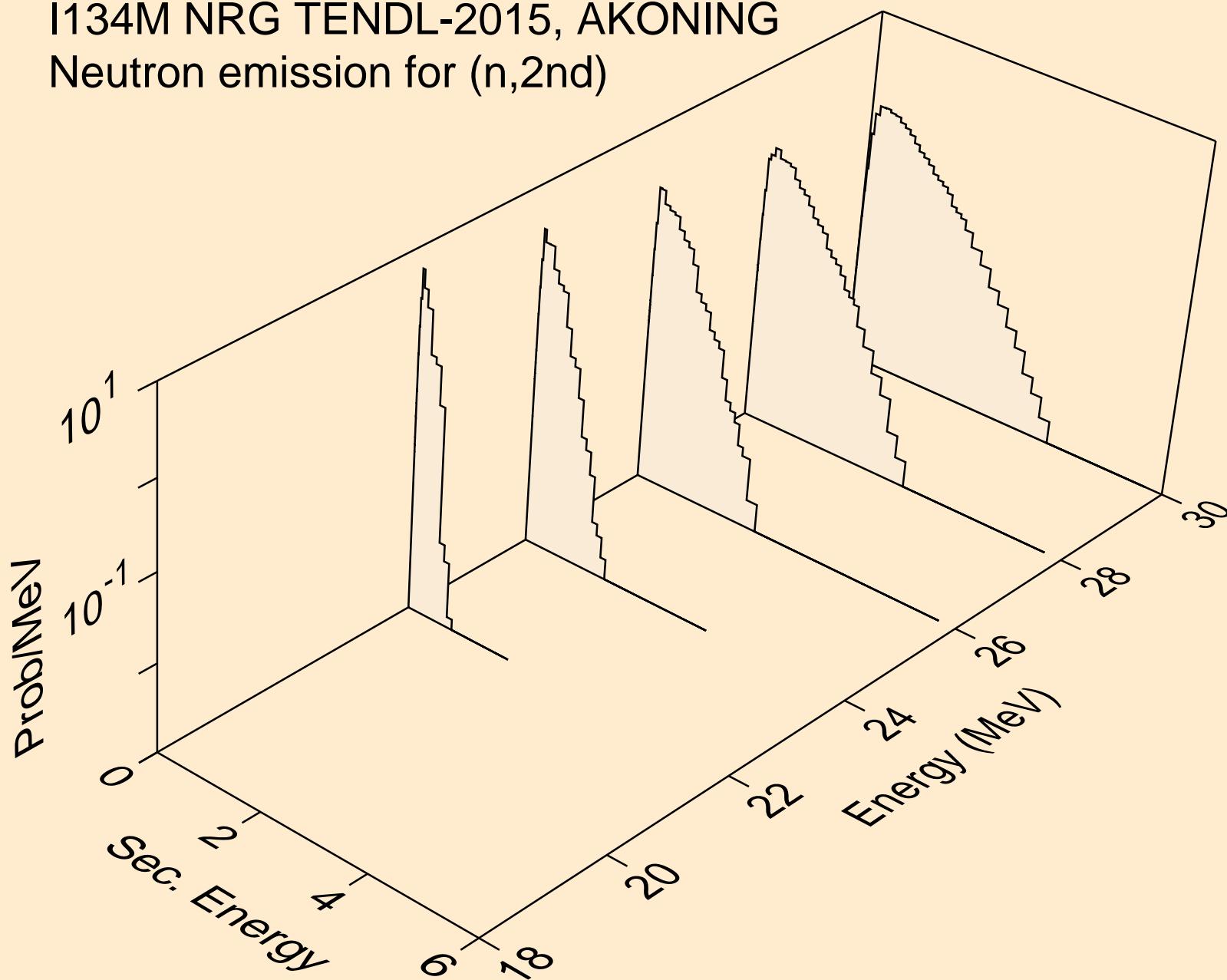
I134M NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )30



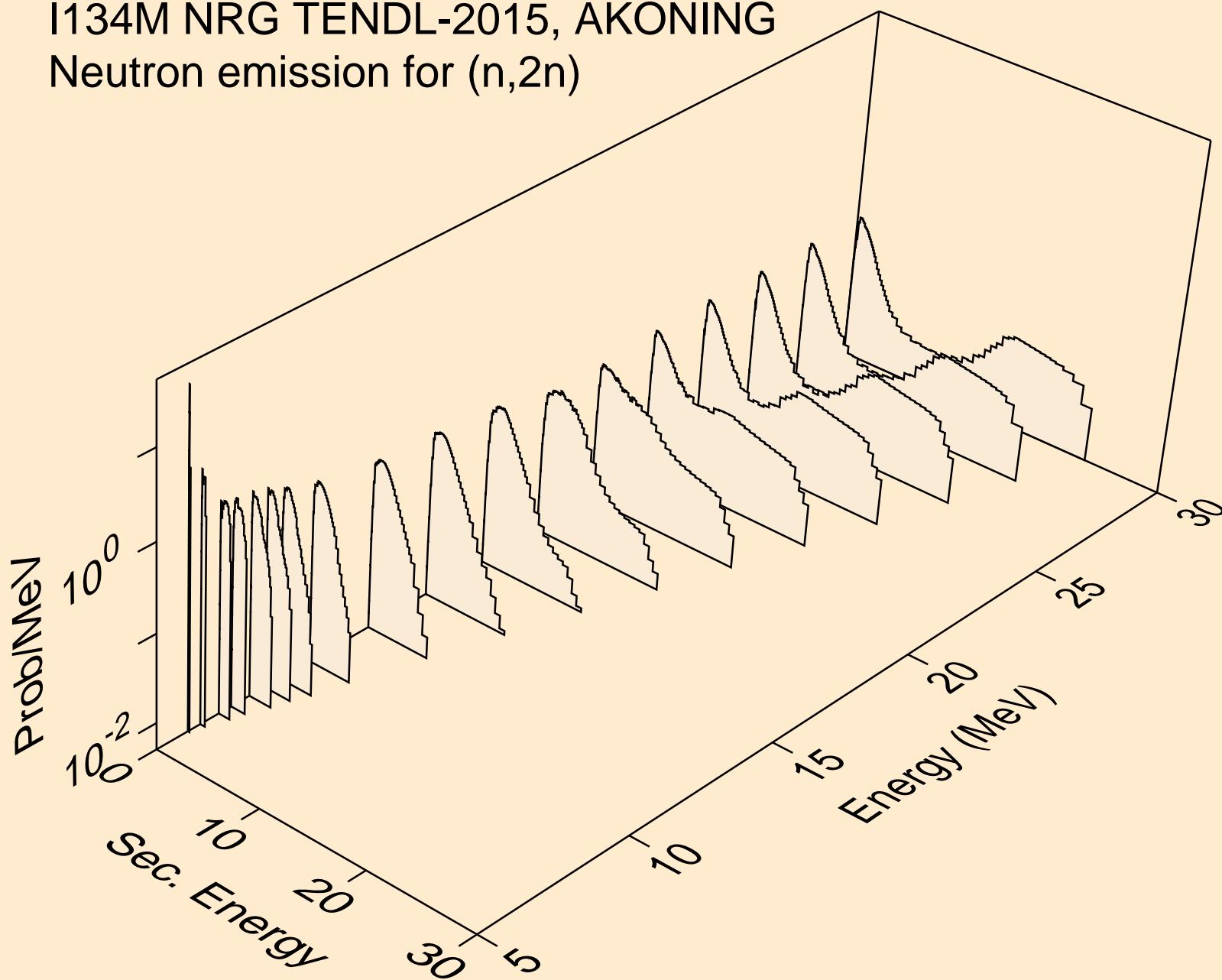
I134M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



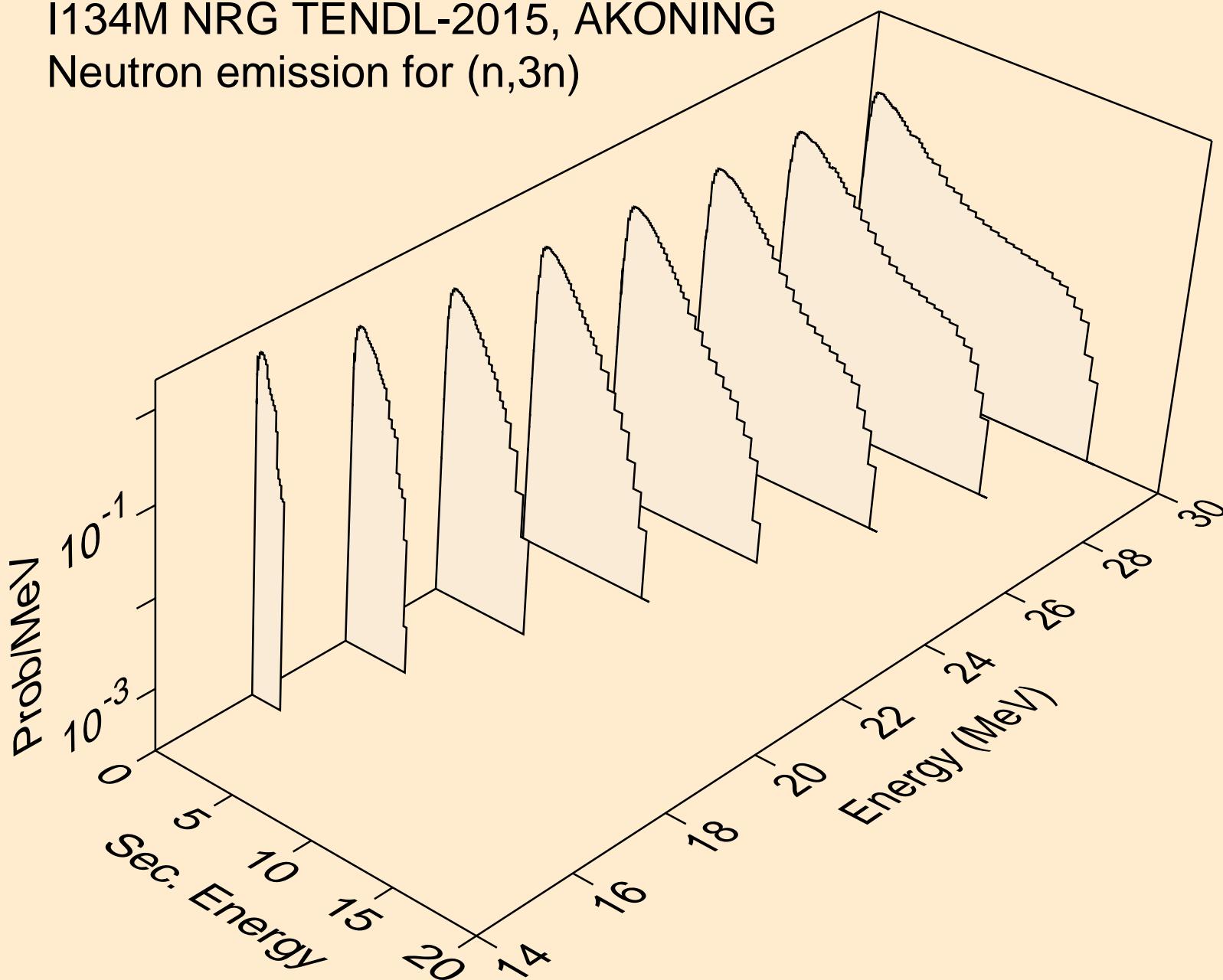
I134M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



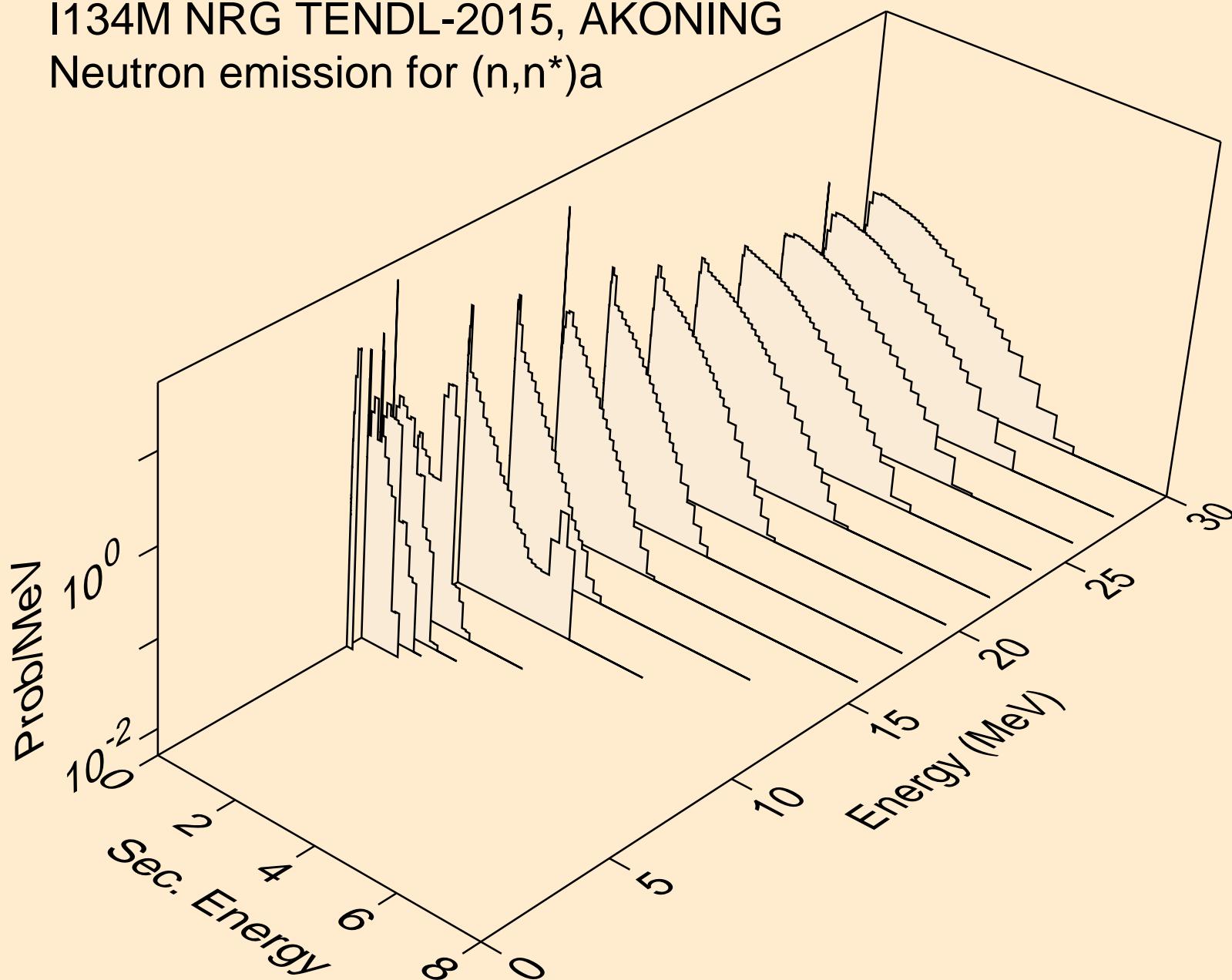
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Neutron emission for (n,2n)



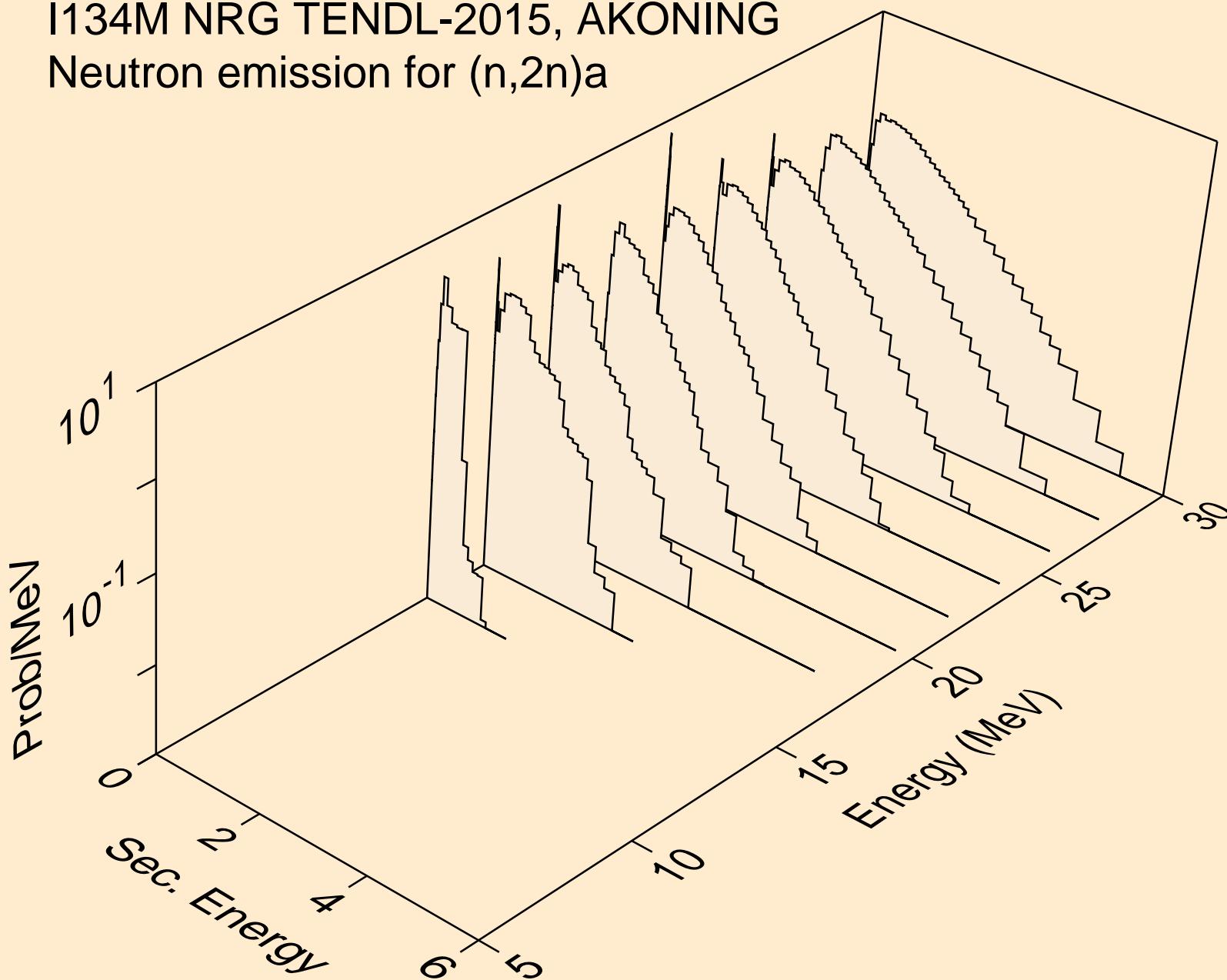
I134M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



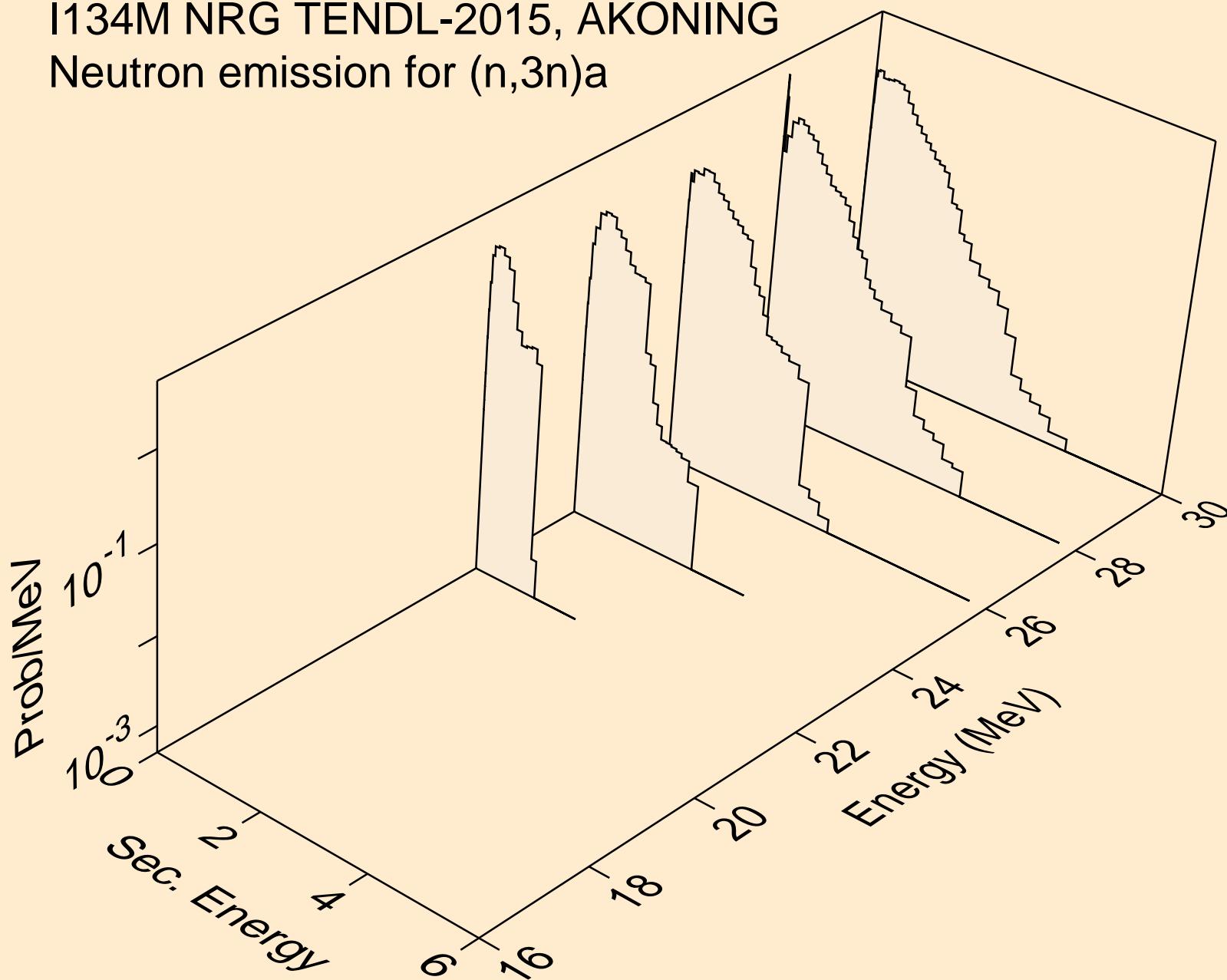
I134M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



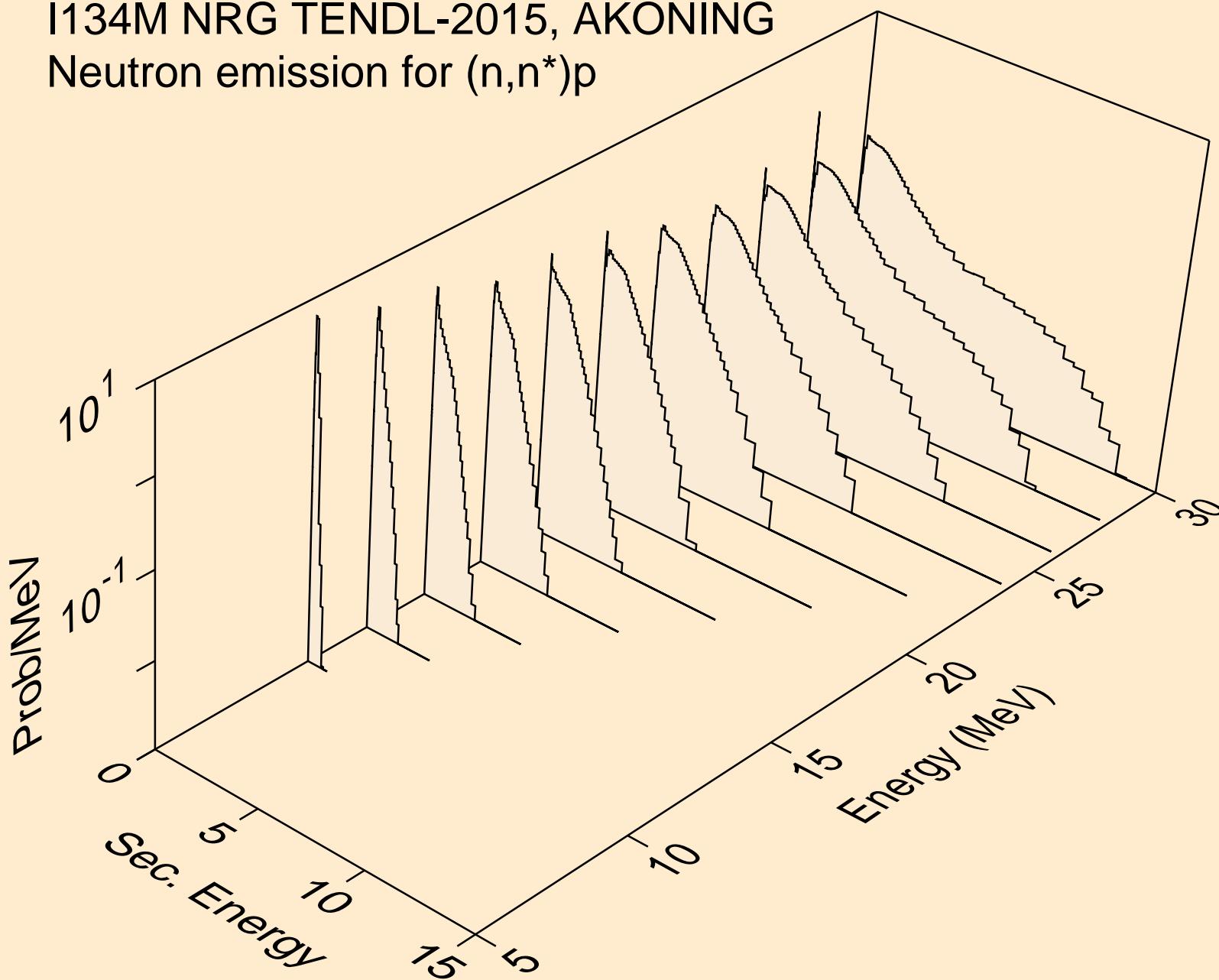
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Neutron emission for (n,2n)a



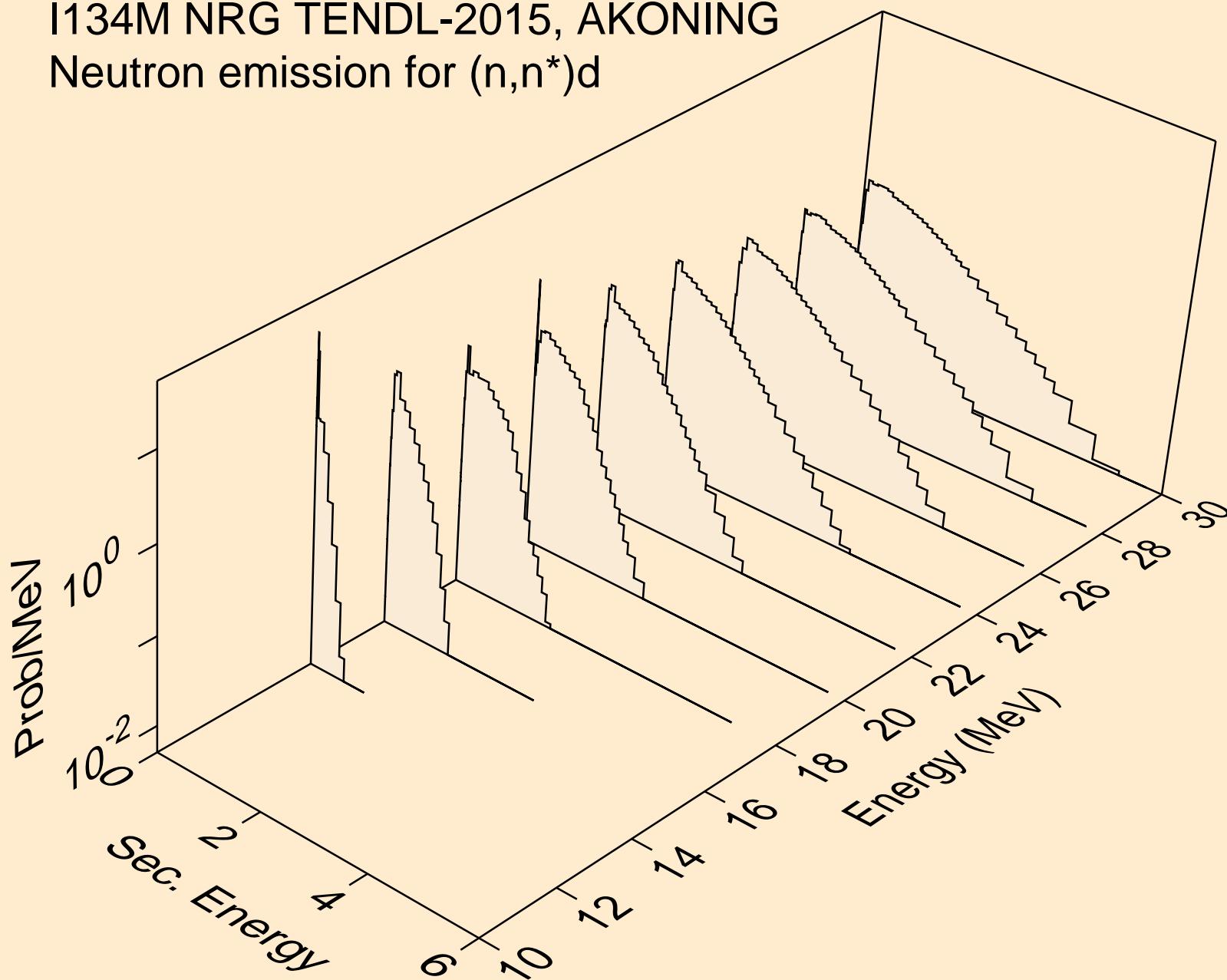
I134M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



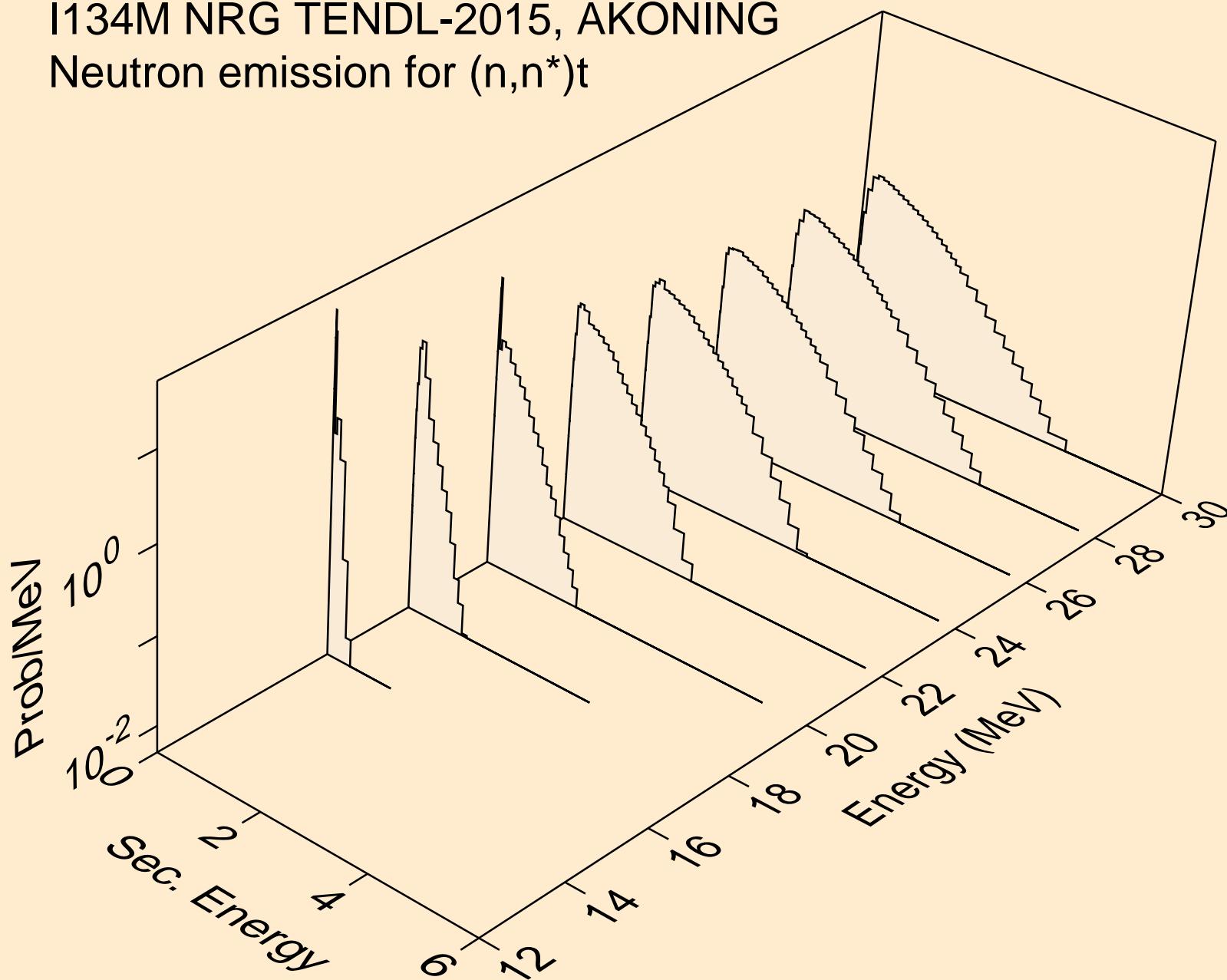
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Neutron emission for  $(n,n^*)p$



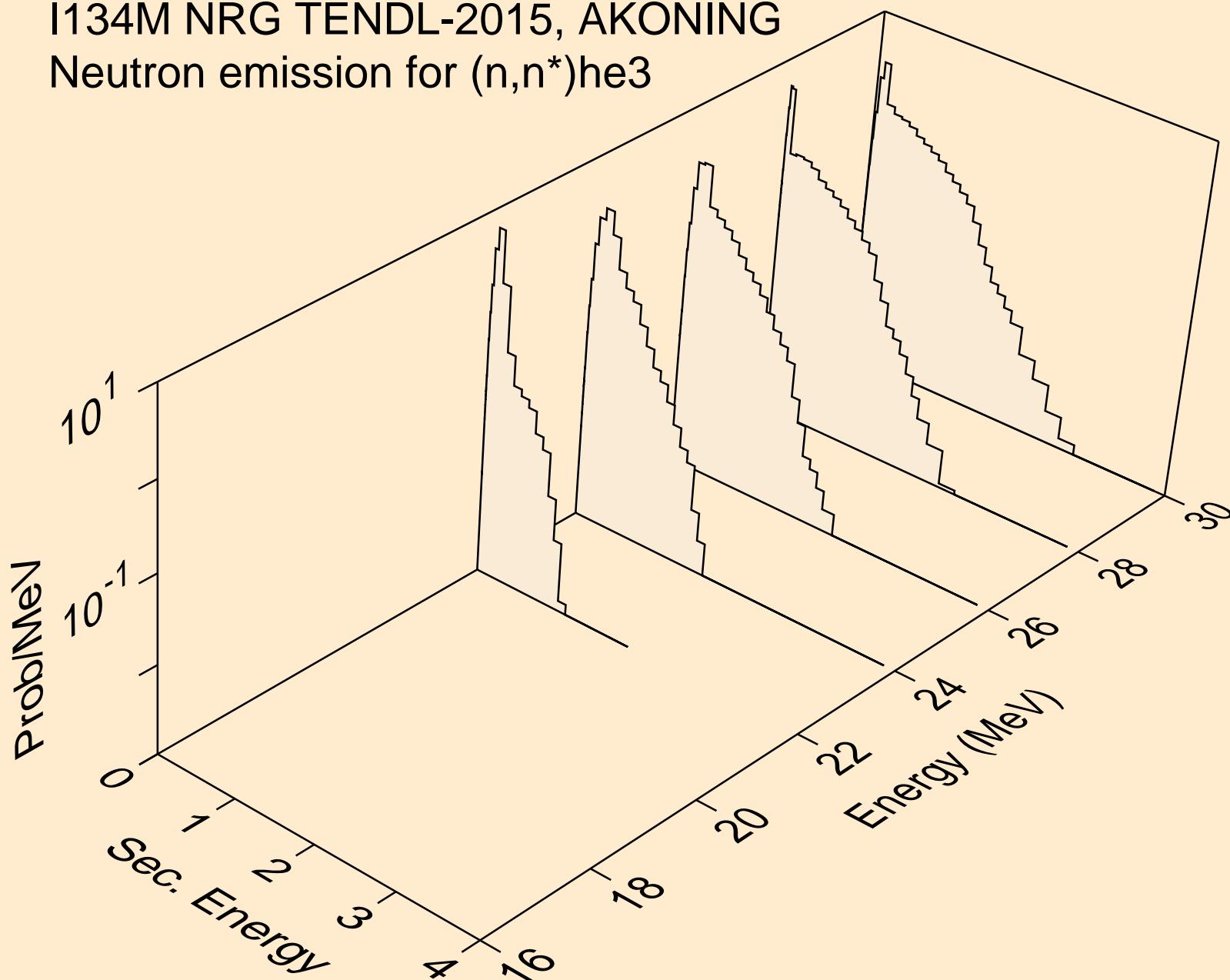
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Neutron emission for  $(n,n^*)d$



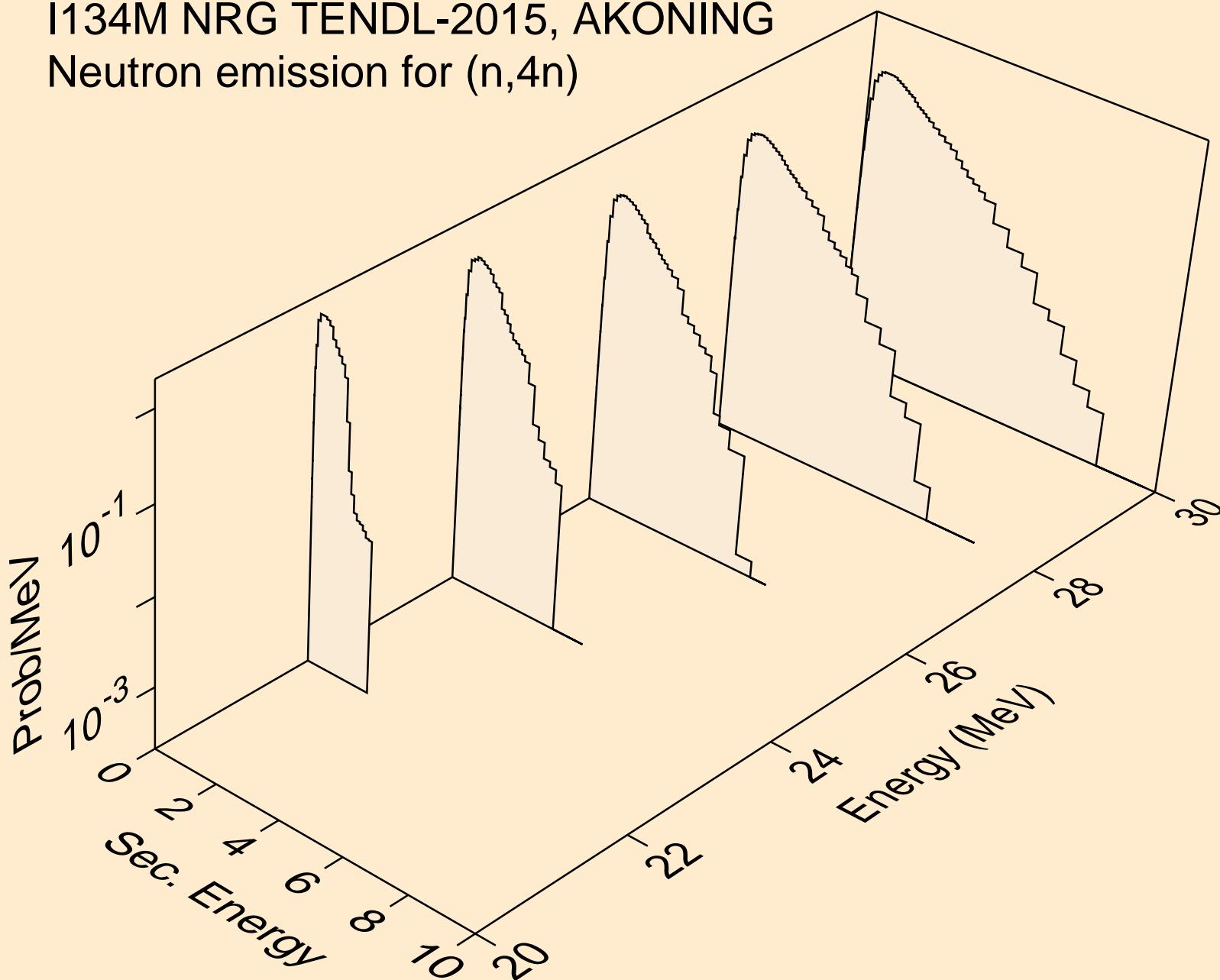
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Neutron emission for  $(n,n^*)t$



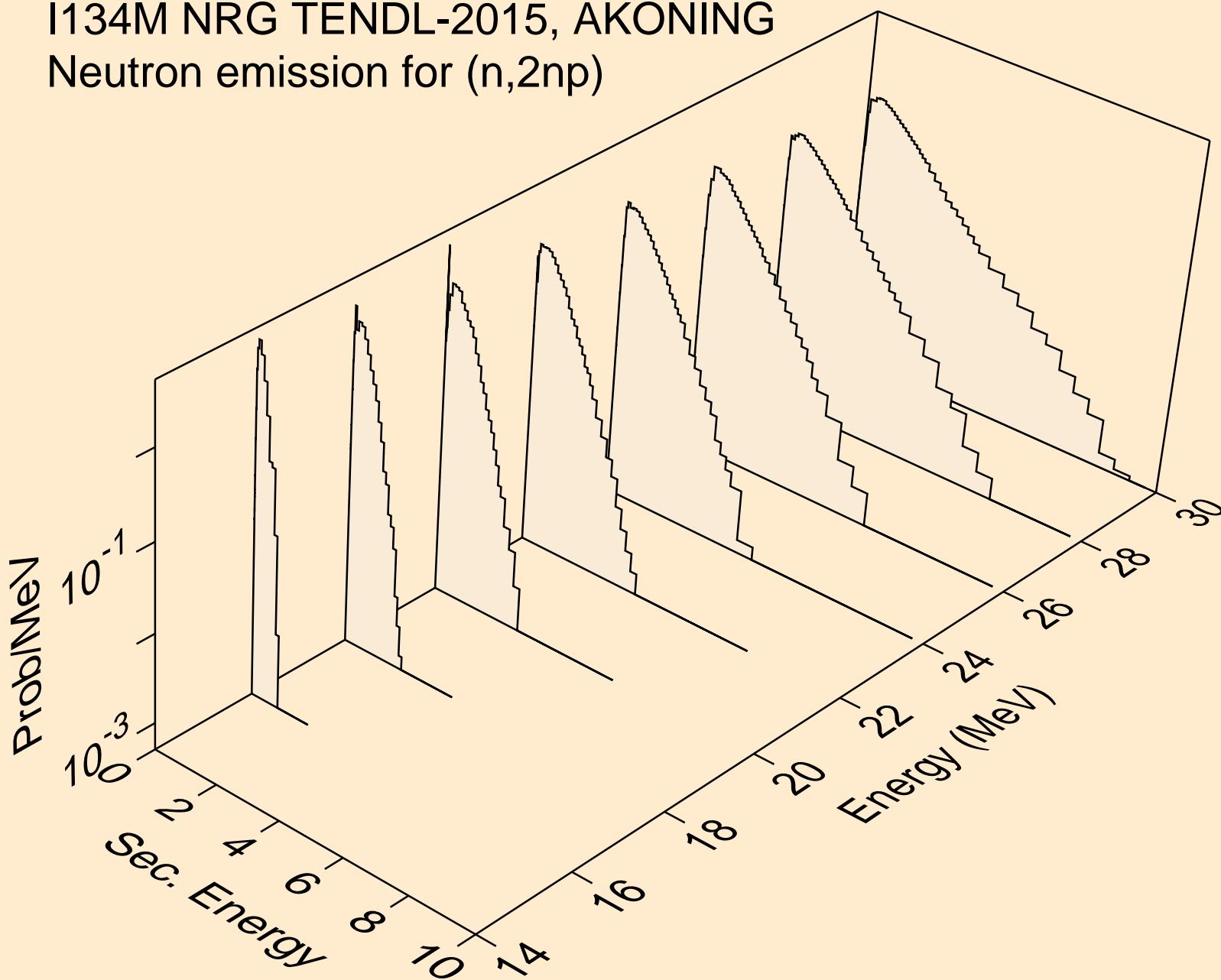
I134M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



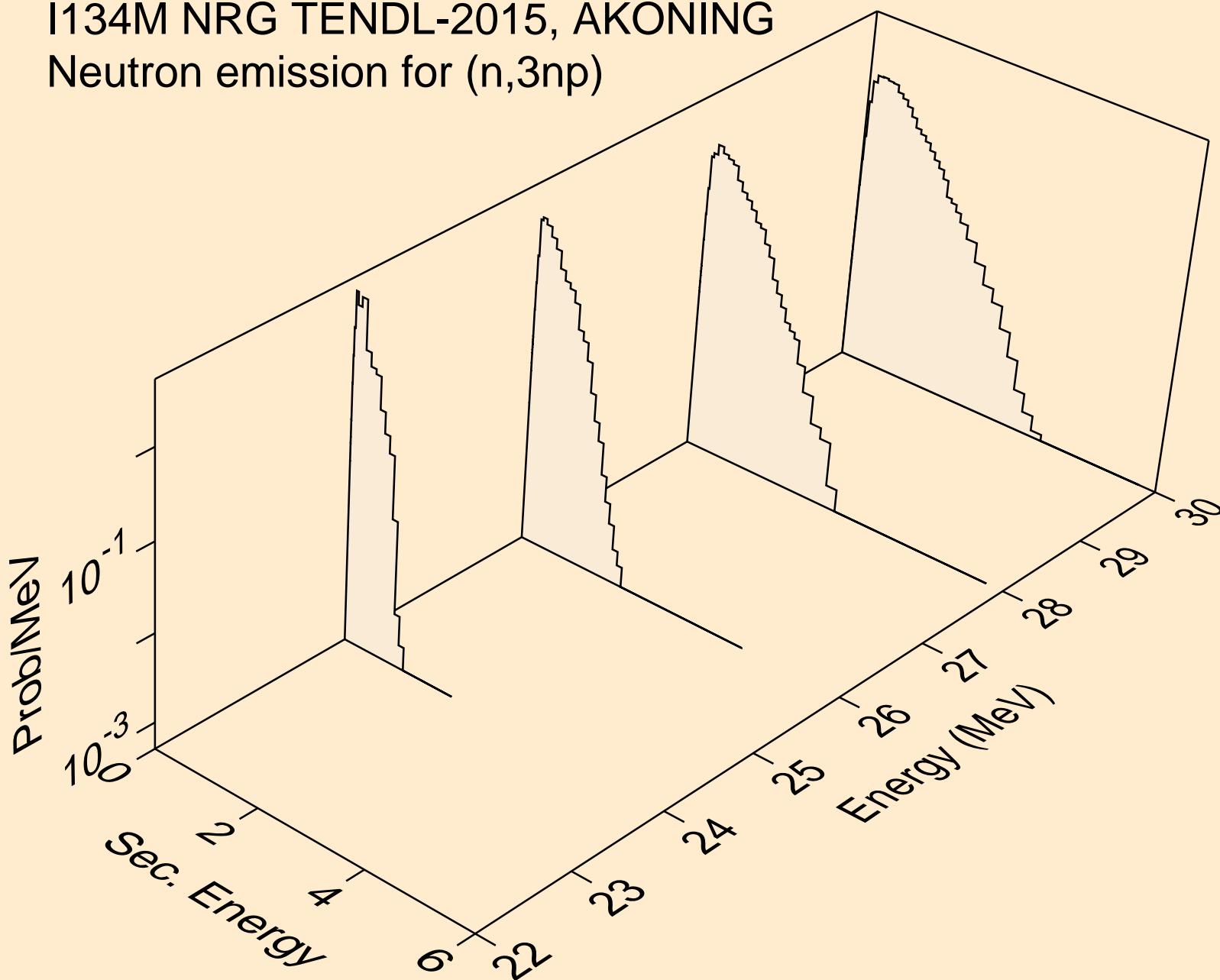
I134M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



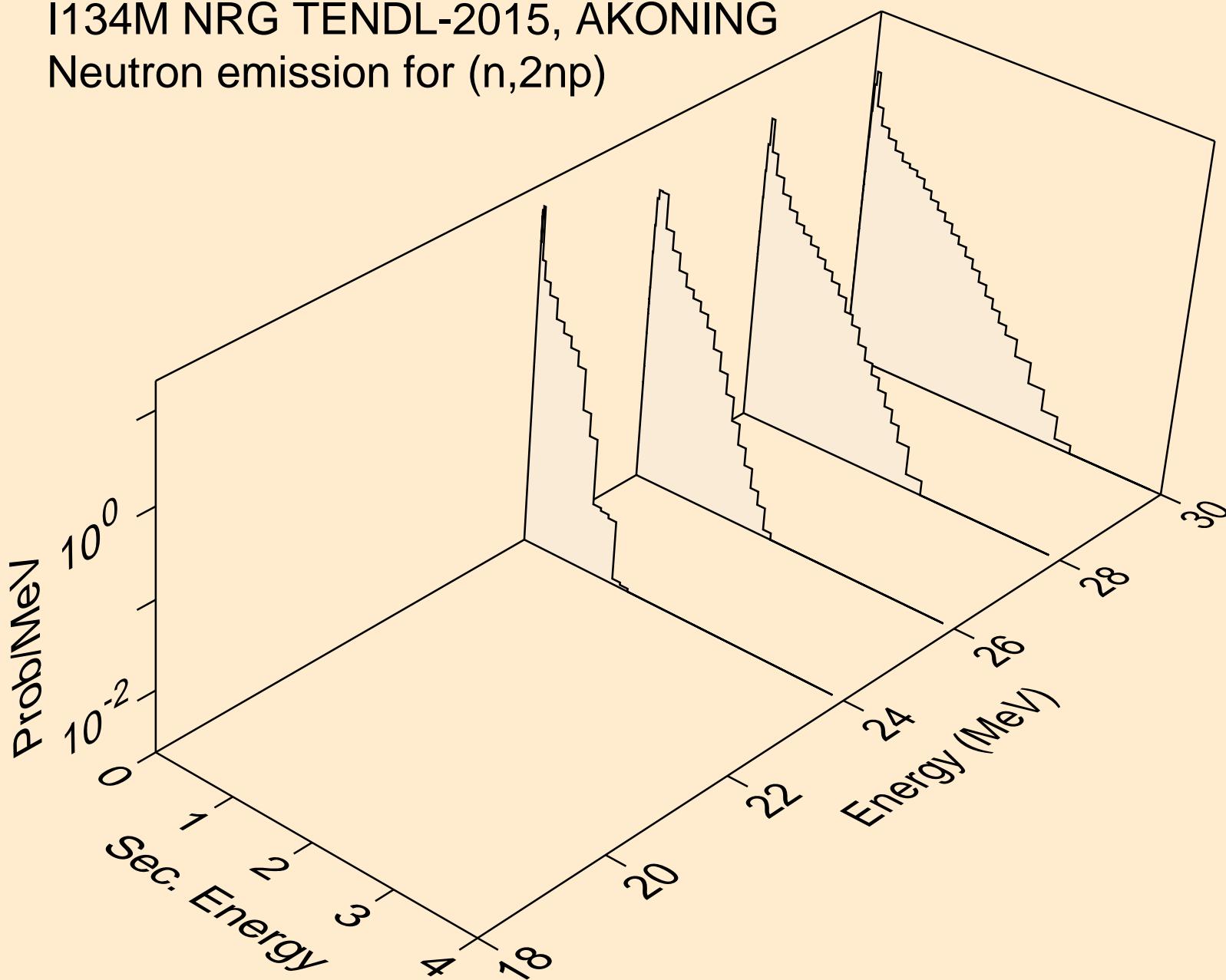
I134M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



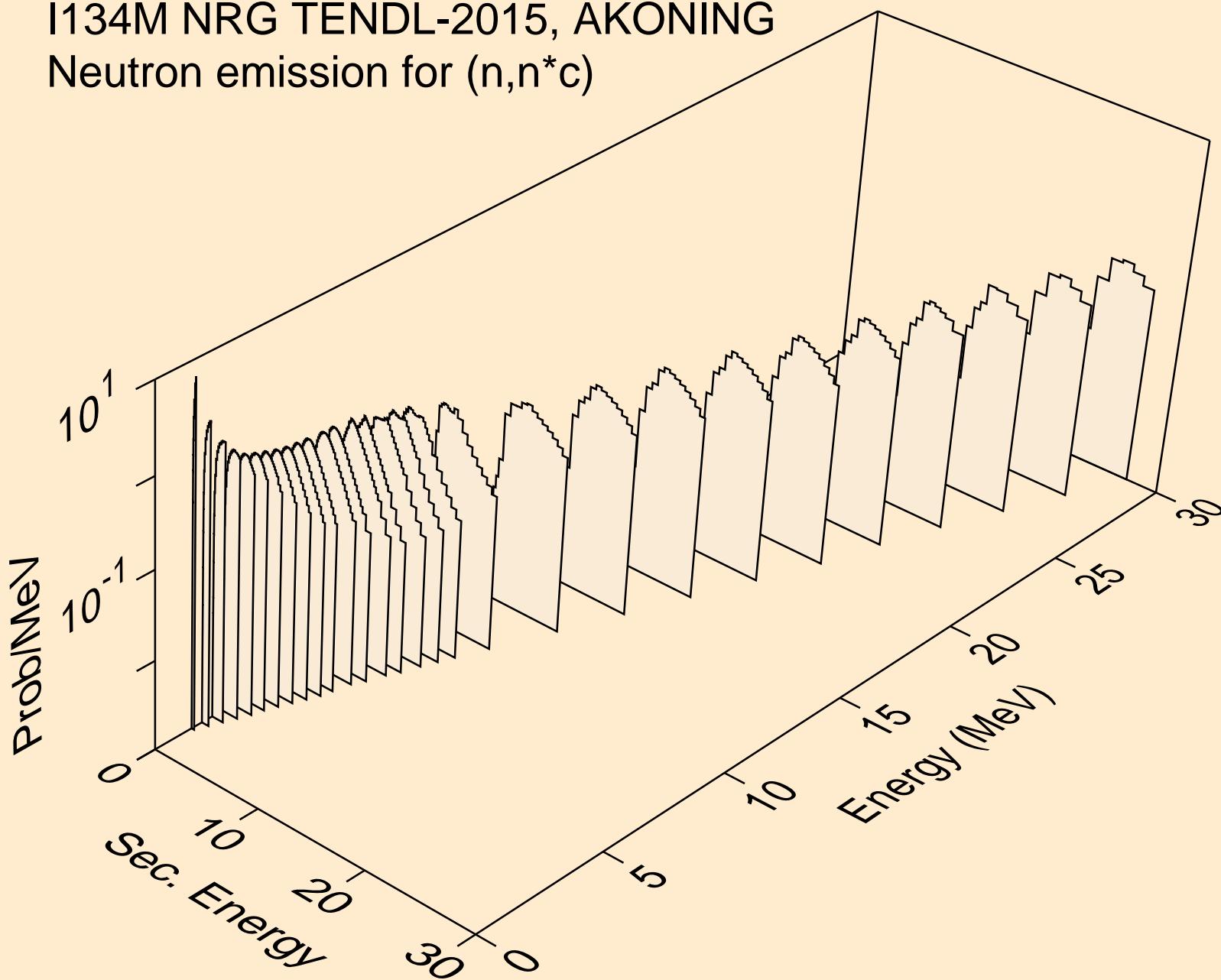
I134M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



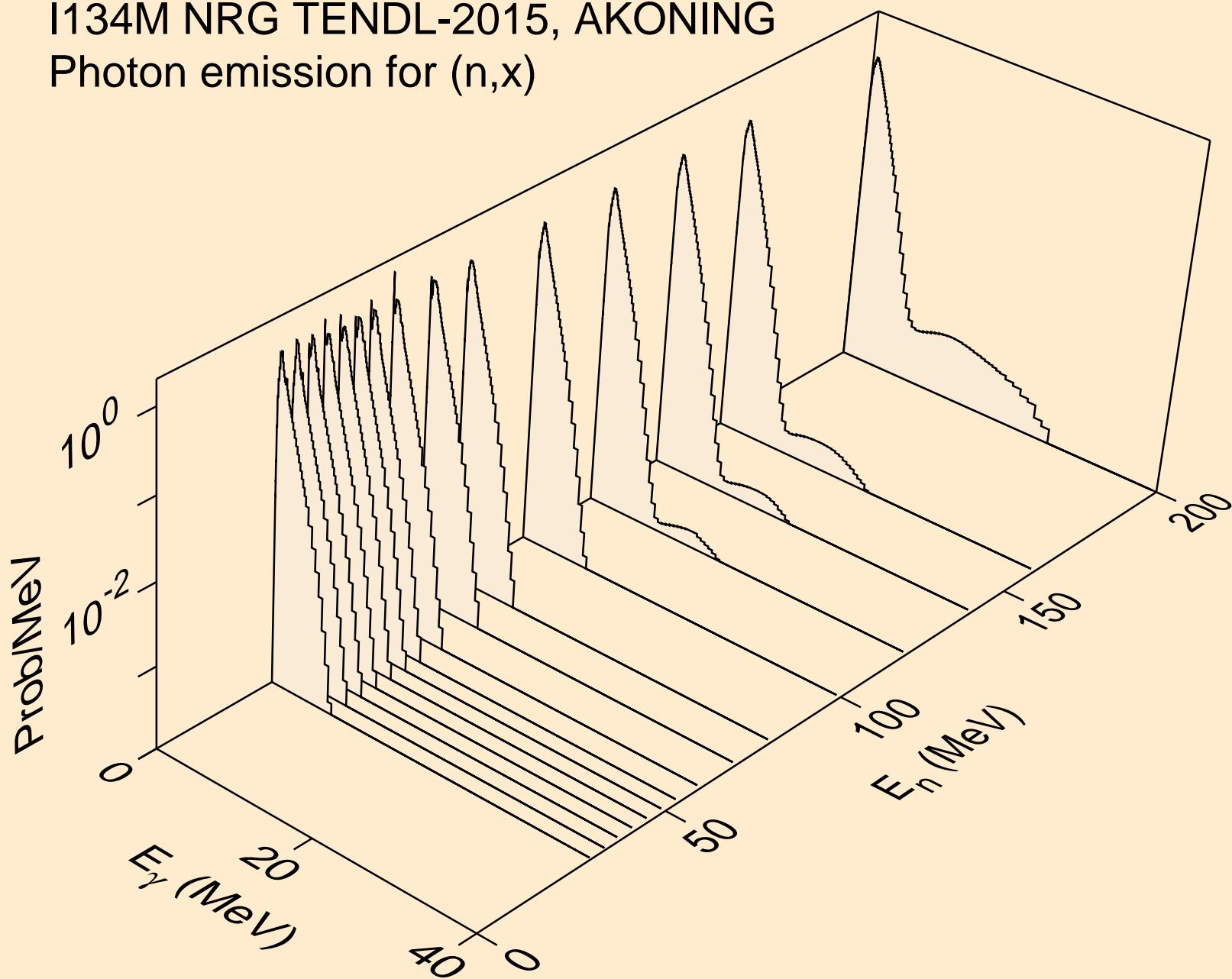
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Neutron emission for (n,2np)



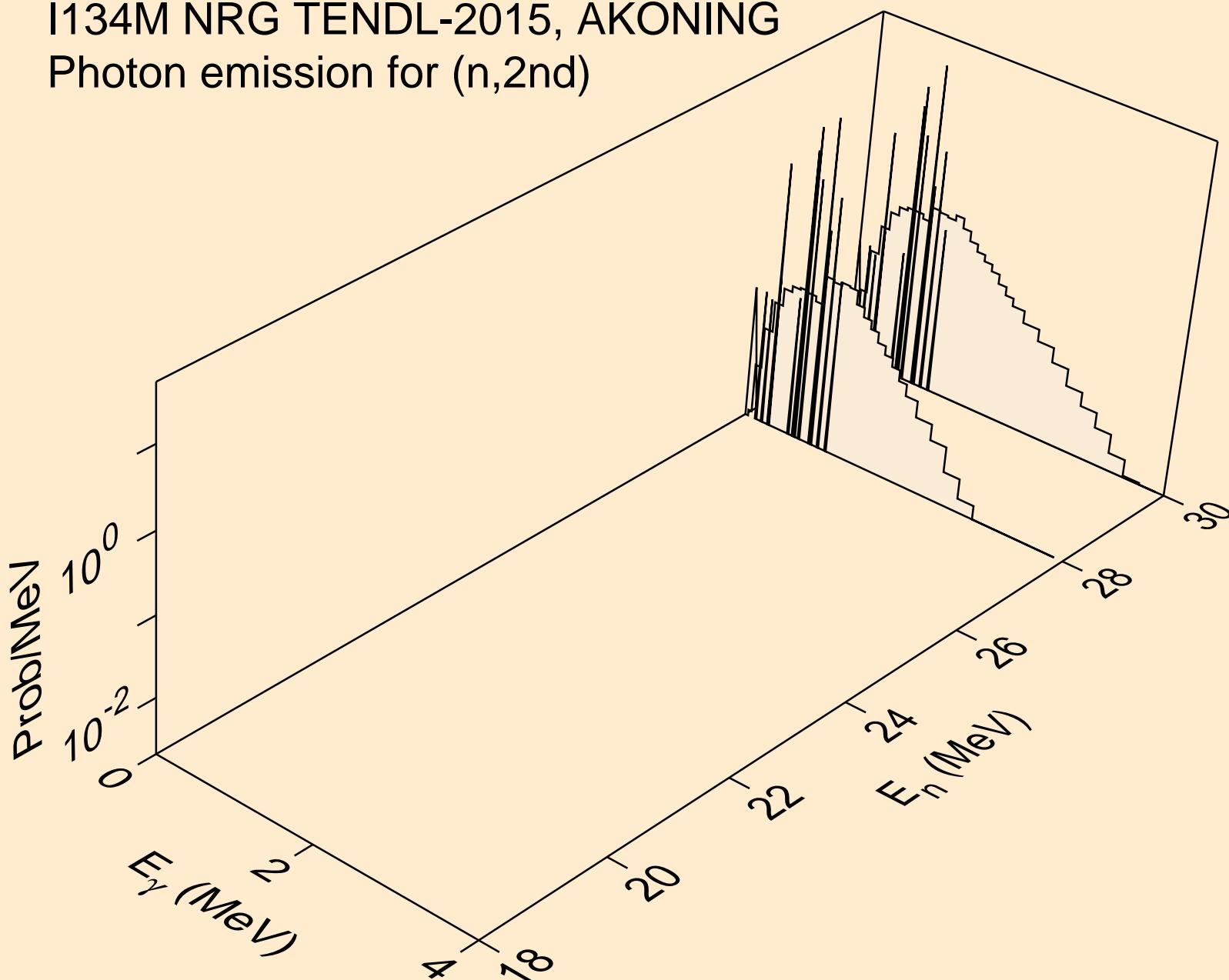
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Neutron emission for (n,n\*c)



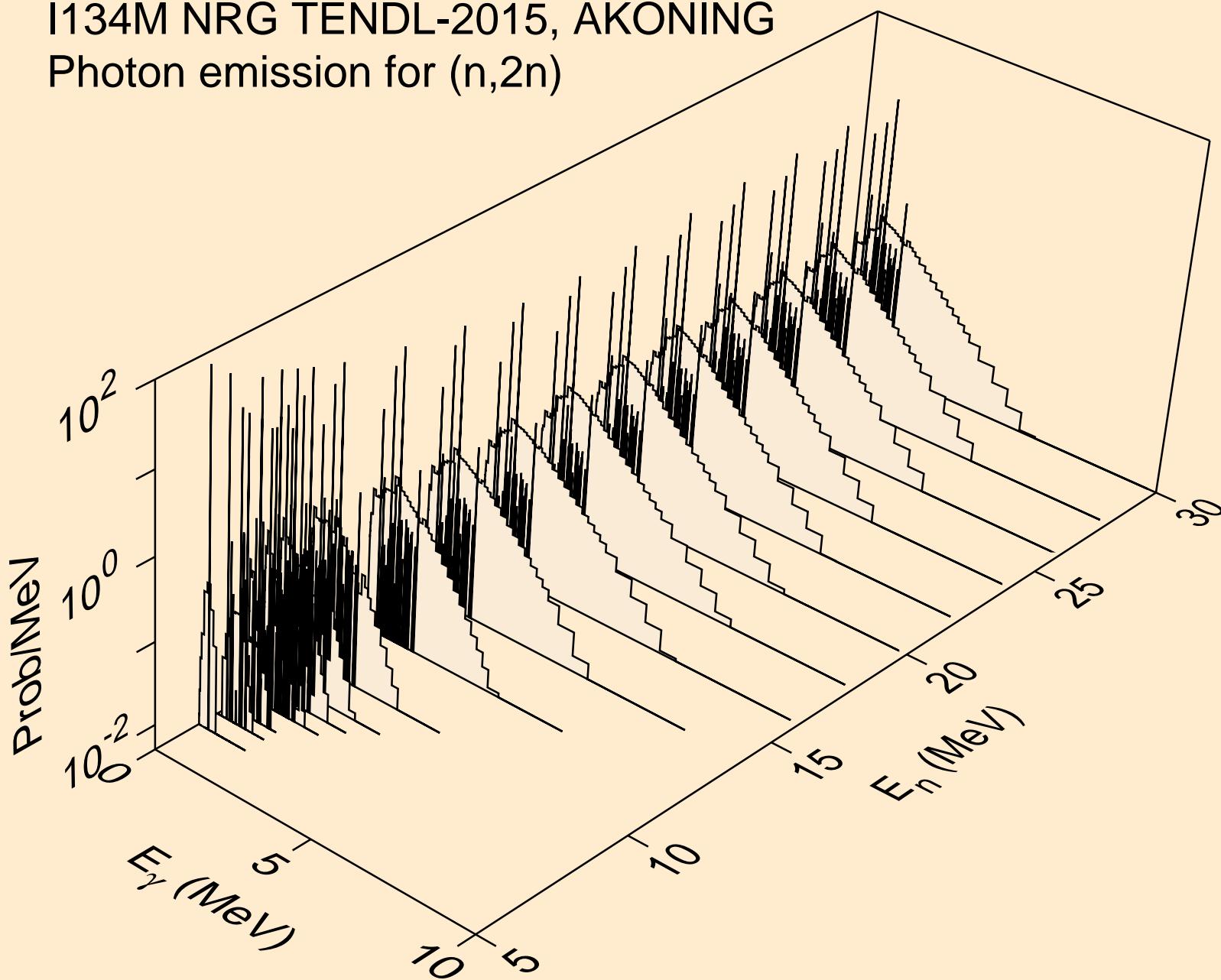
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Photon emission for (n,x)



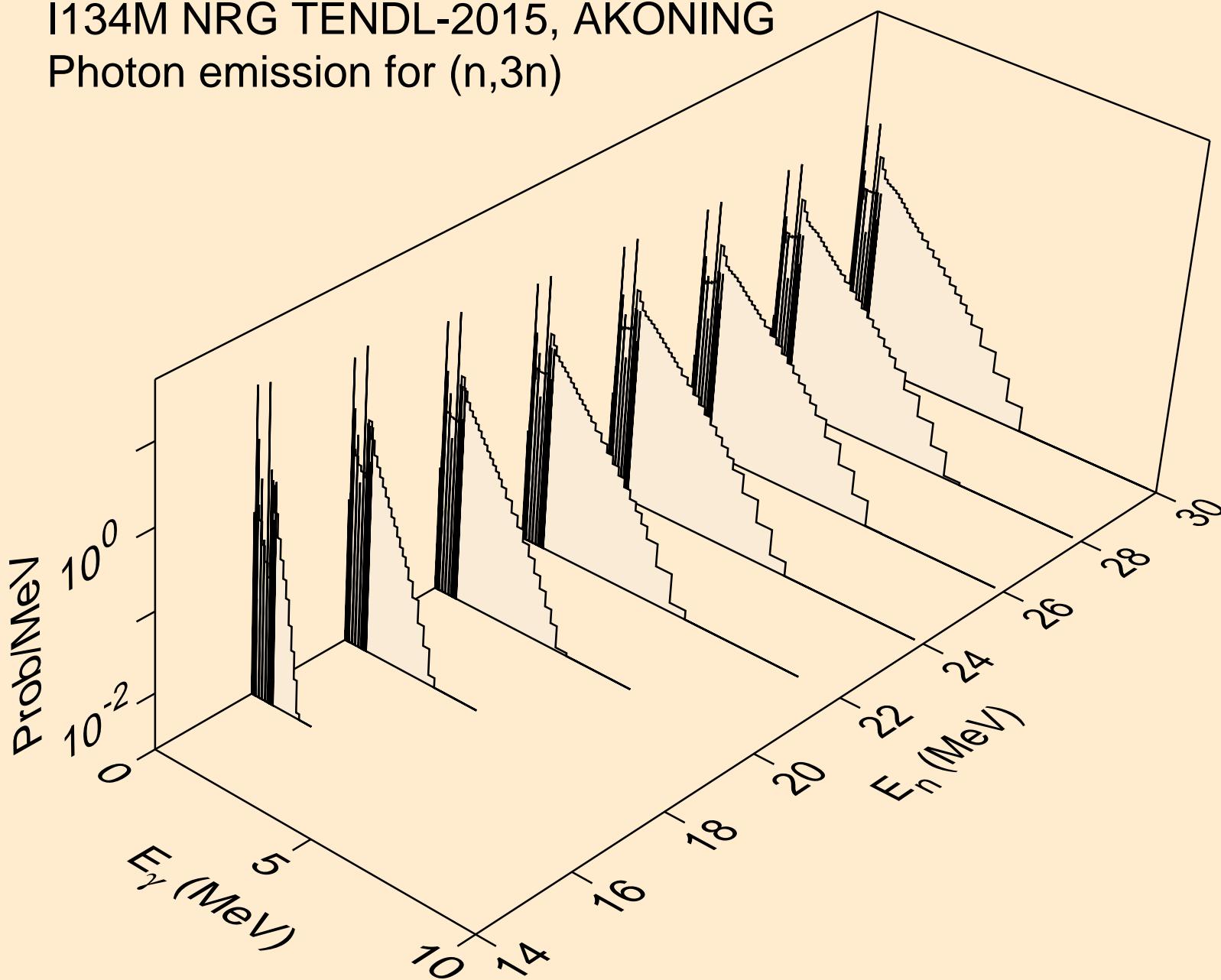
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Photon emission for (n,2nd)



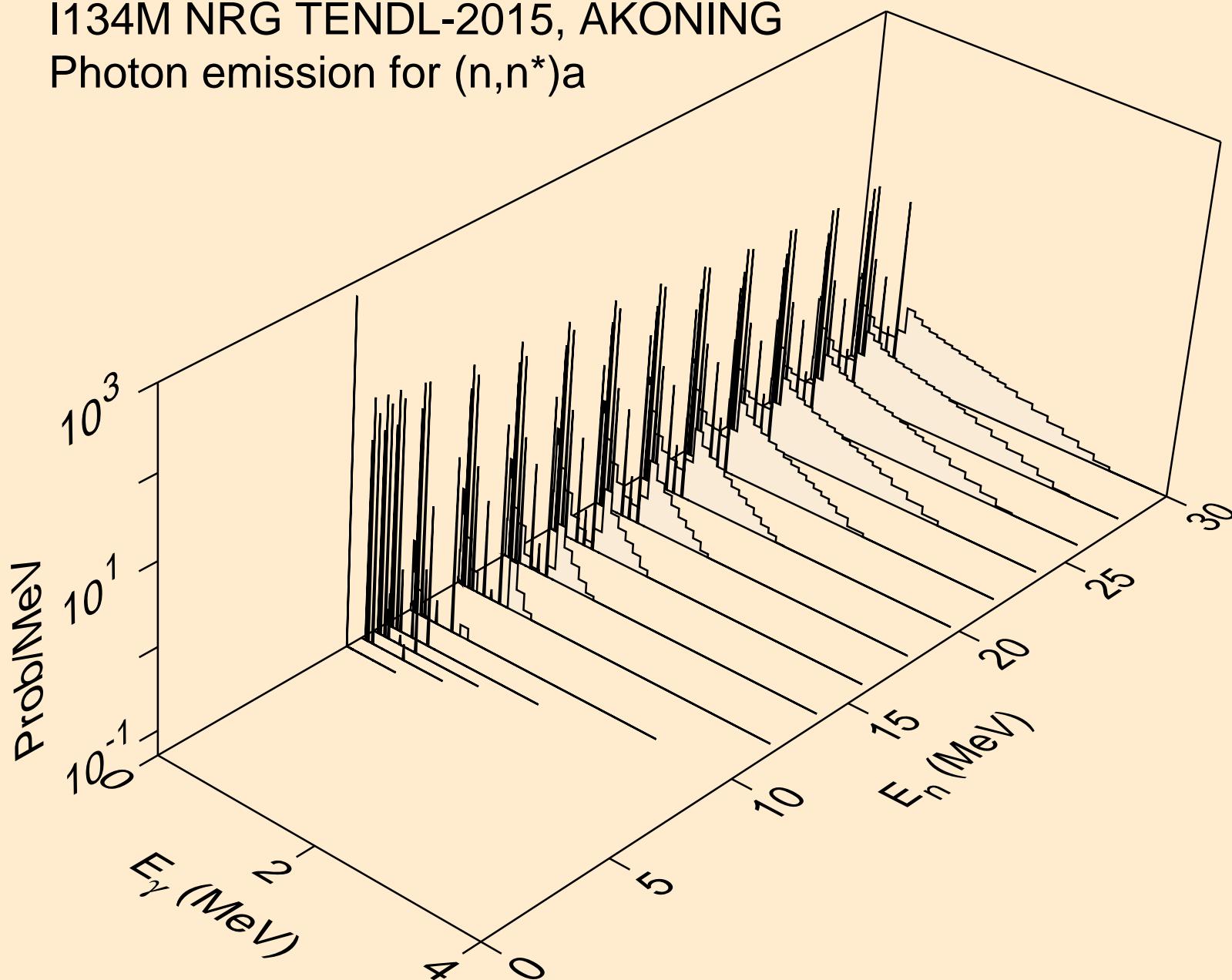
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Photon emission for (n,2n)



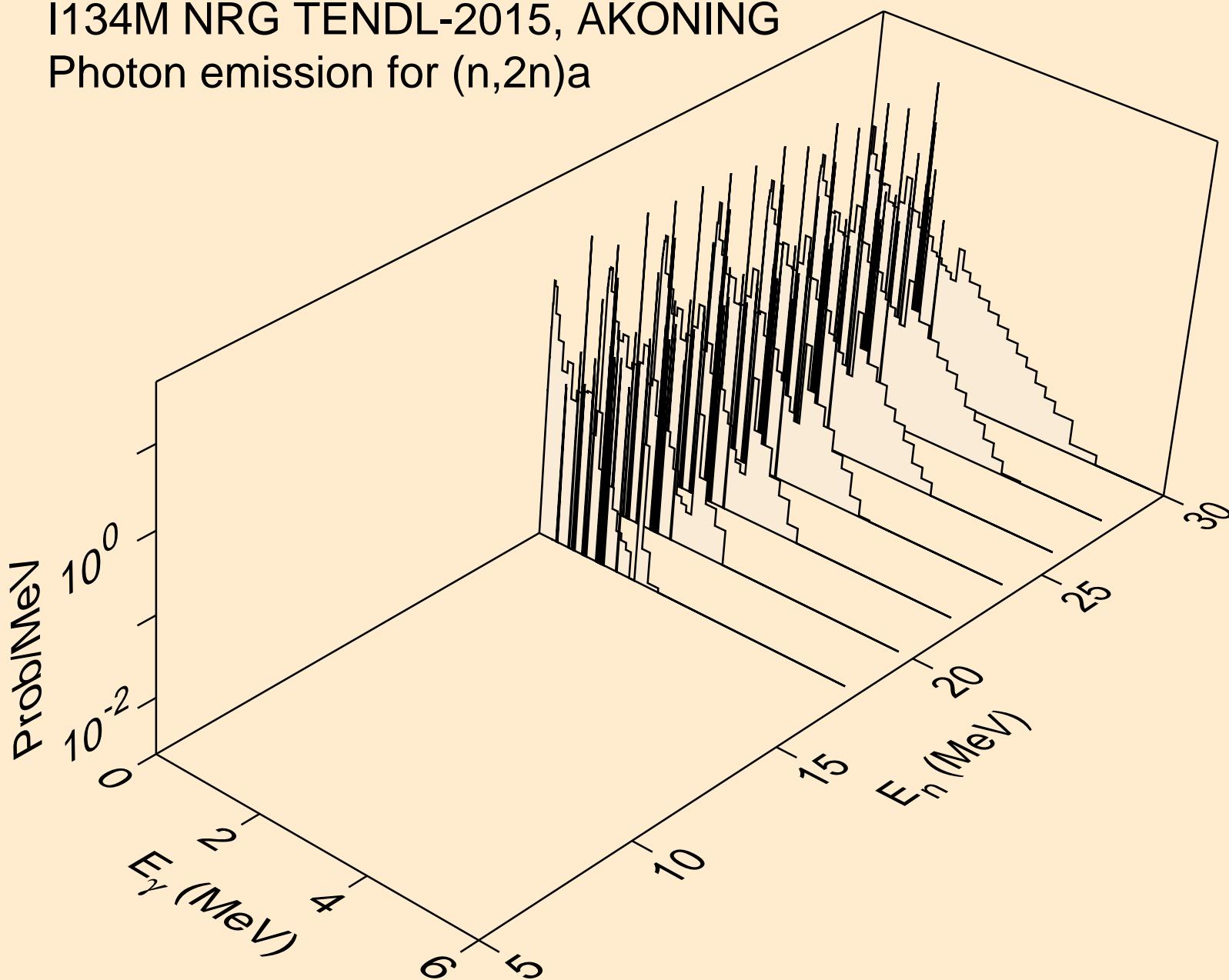
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Photon emission for (n,3n)



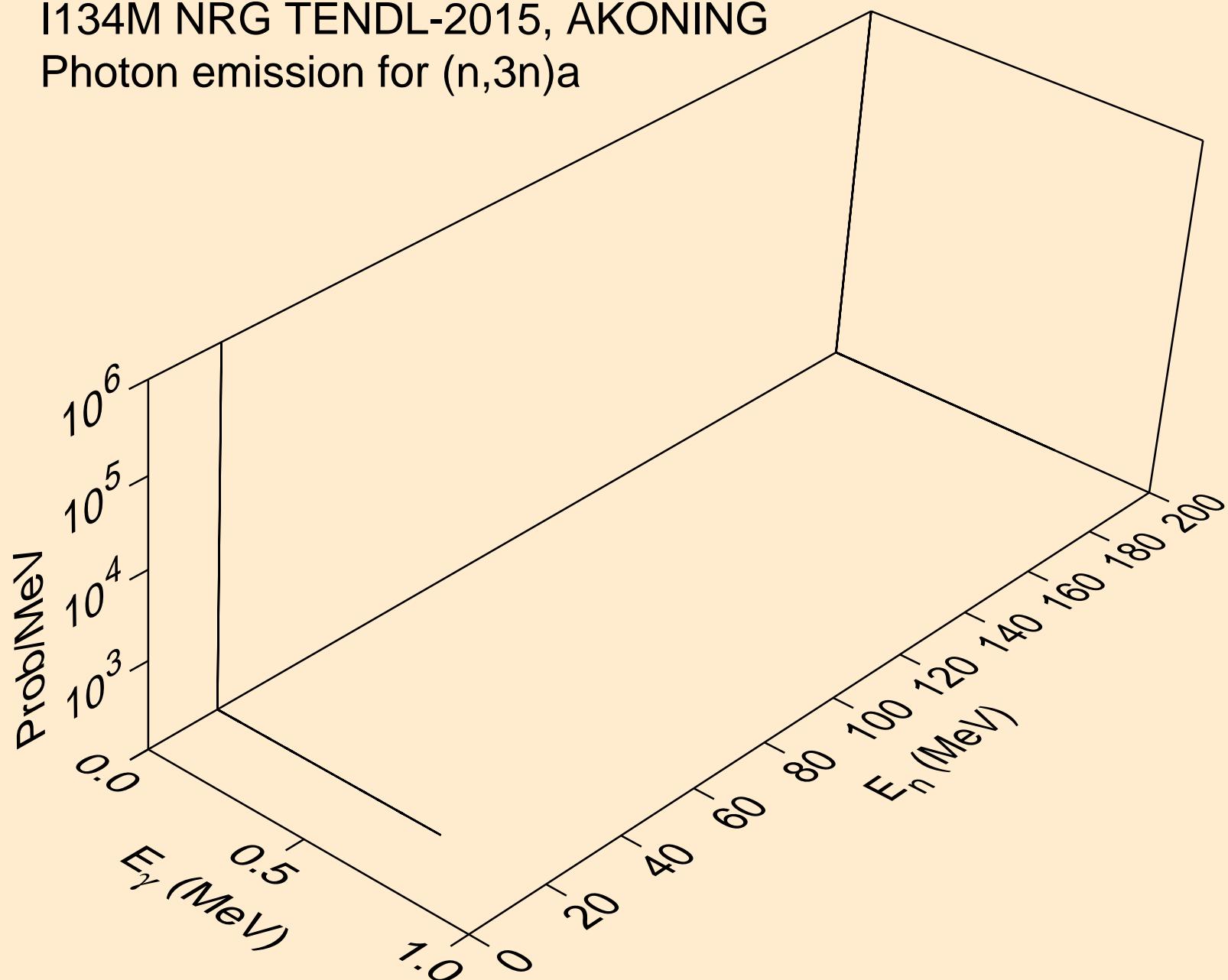
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Photon emission for  $(n,n^*)a$



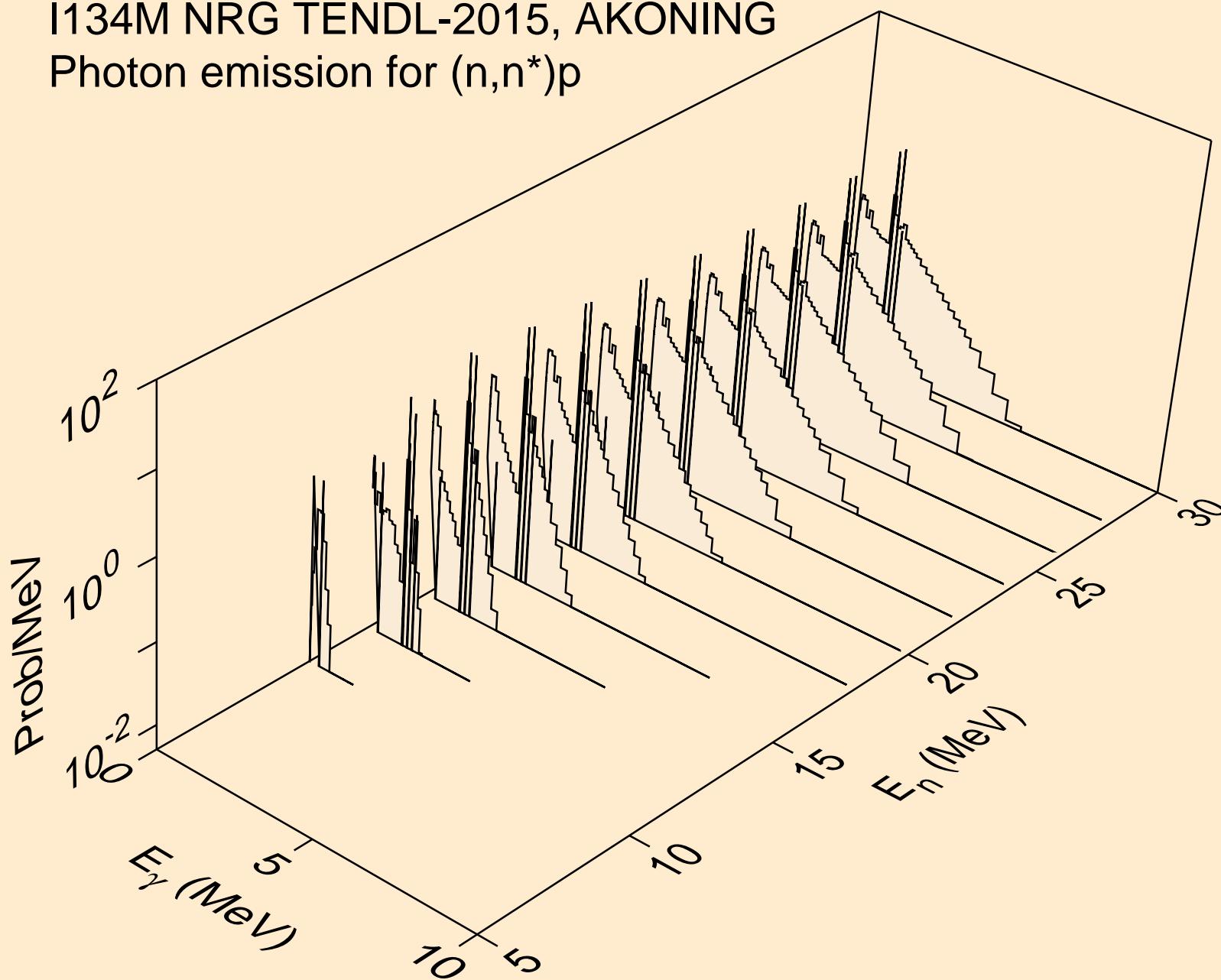
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Photon emission for (n,2n)a



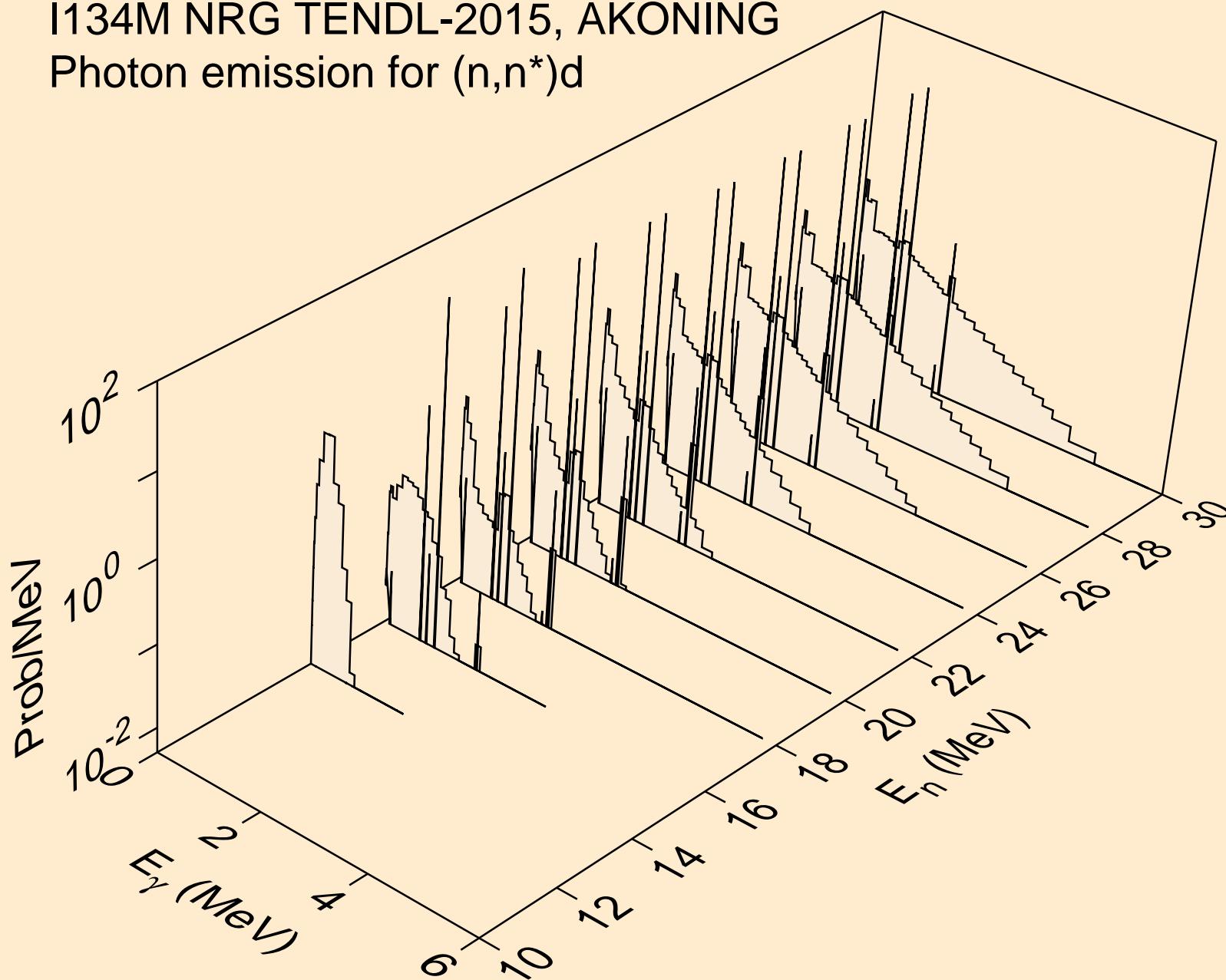
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Photon emission for (n,3n)a



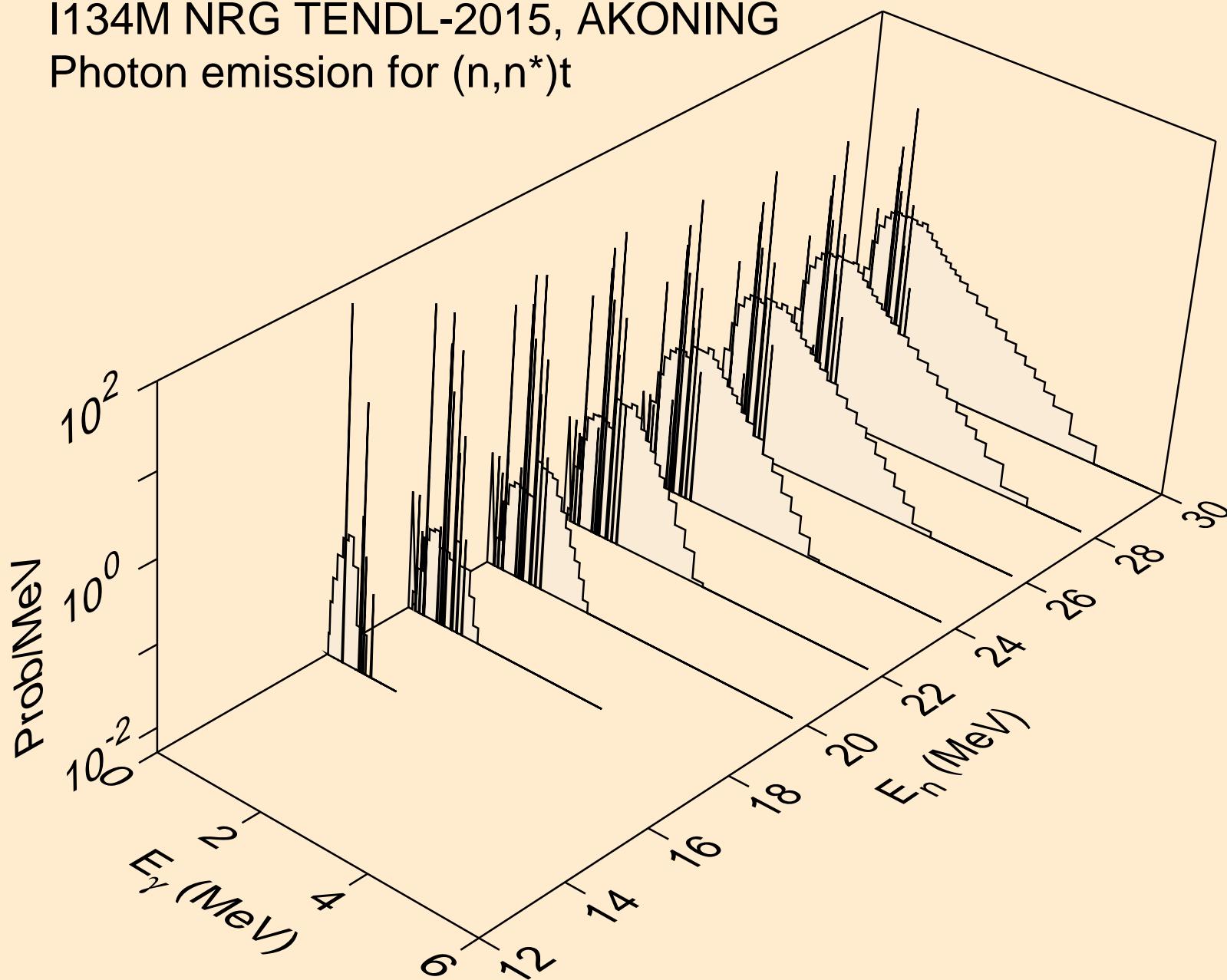
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Photon emission for  $(n,n^*)p$



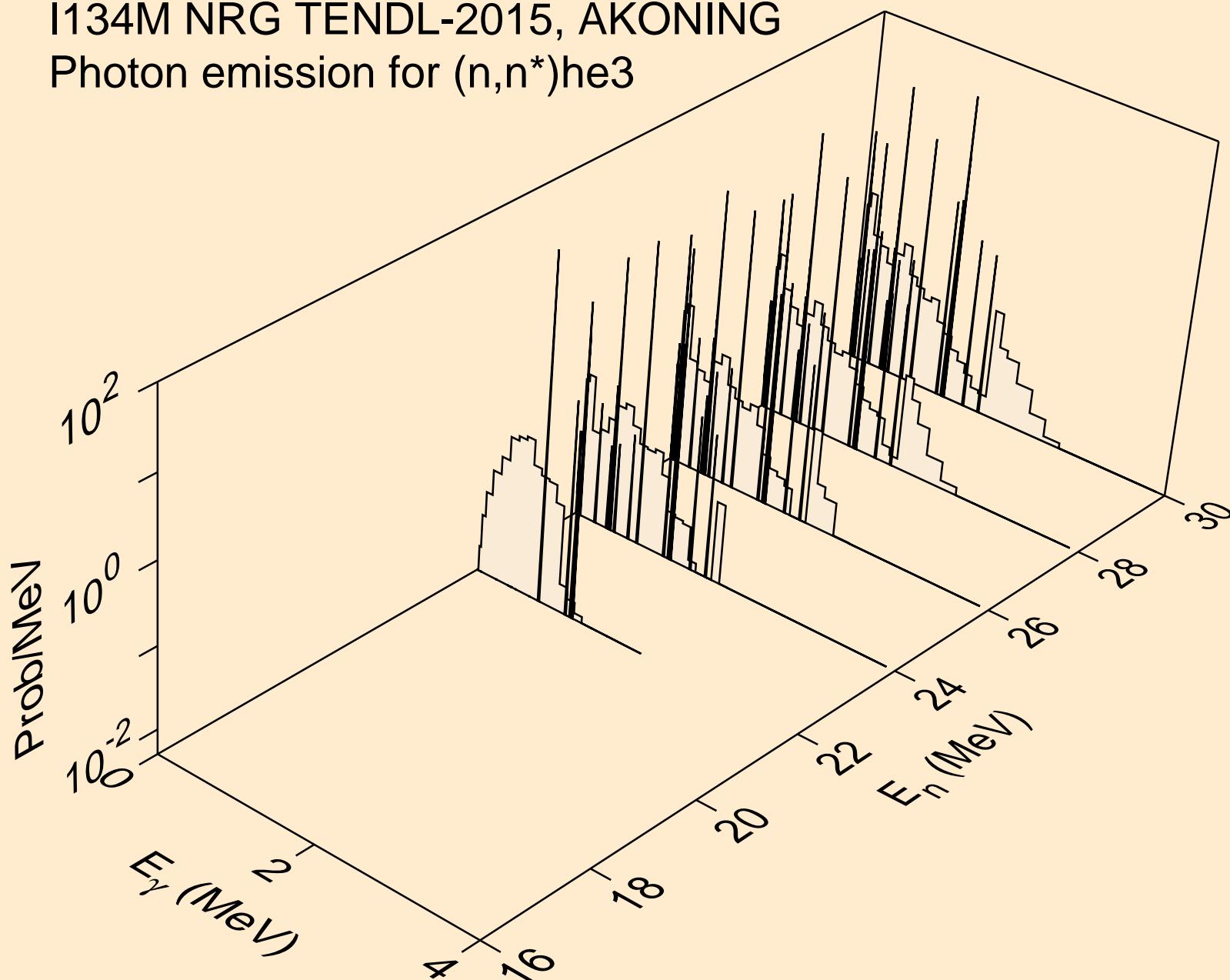
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Photon emission for  $(n,n^*)d$



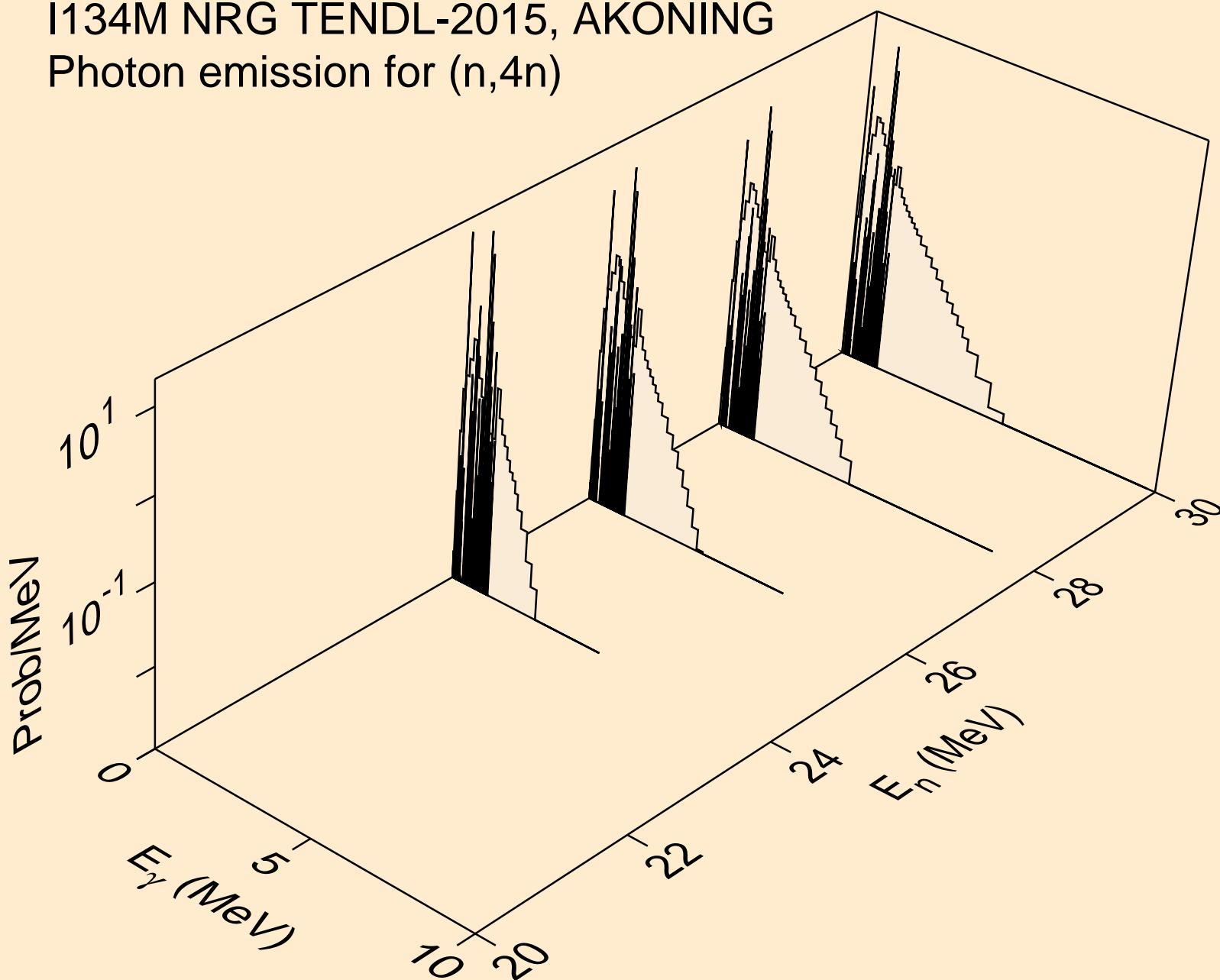
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Photon emission for  $(n,n^*)t$



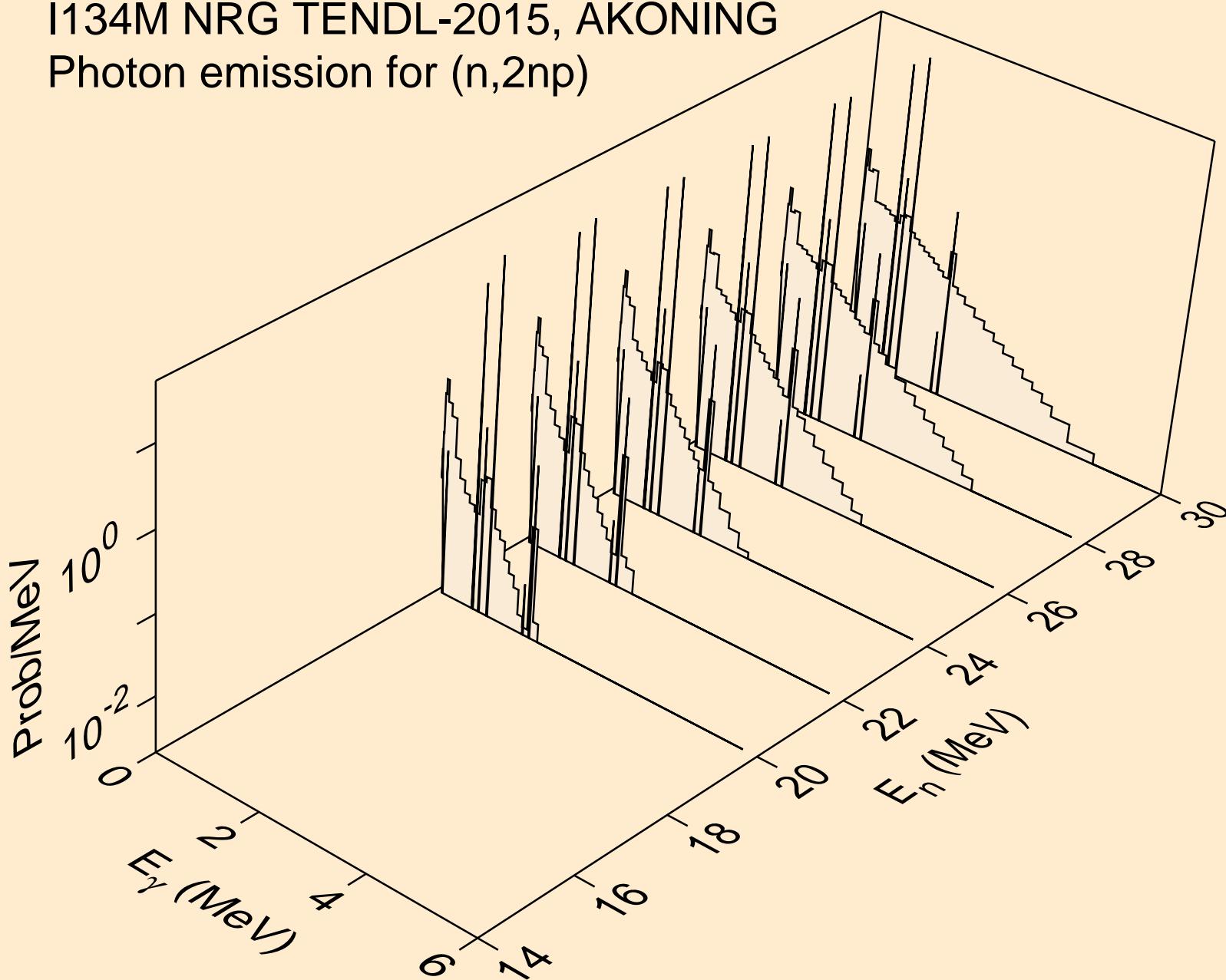
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Photon emission for  $(n,n^*)\text{he3}$



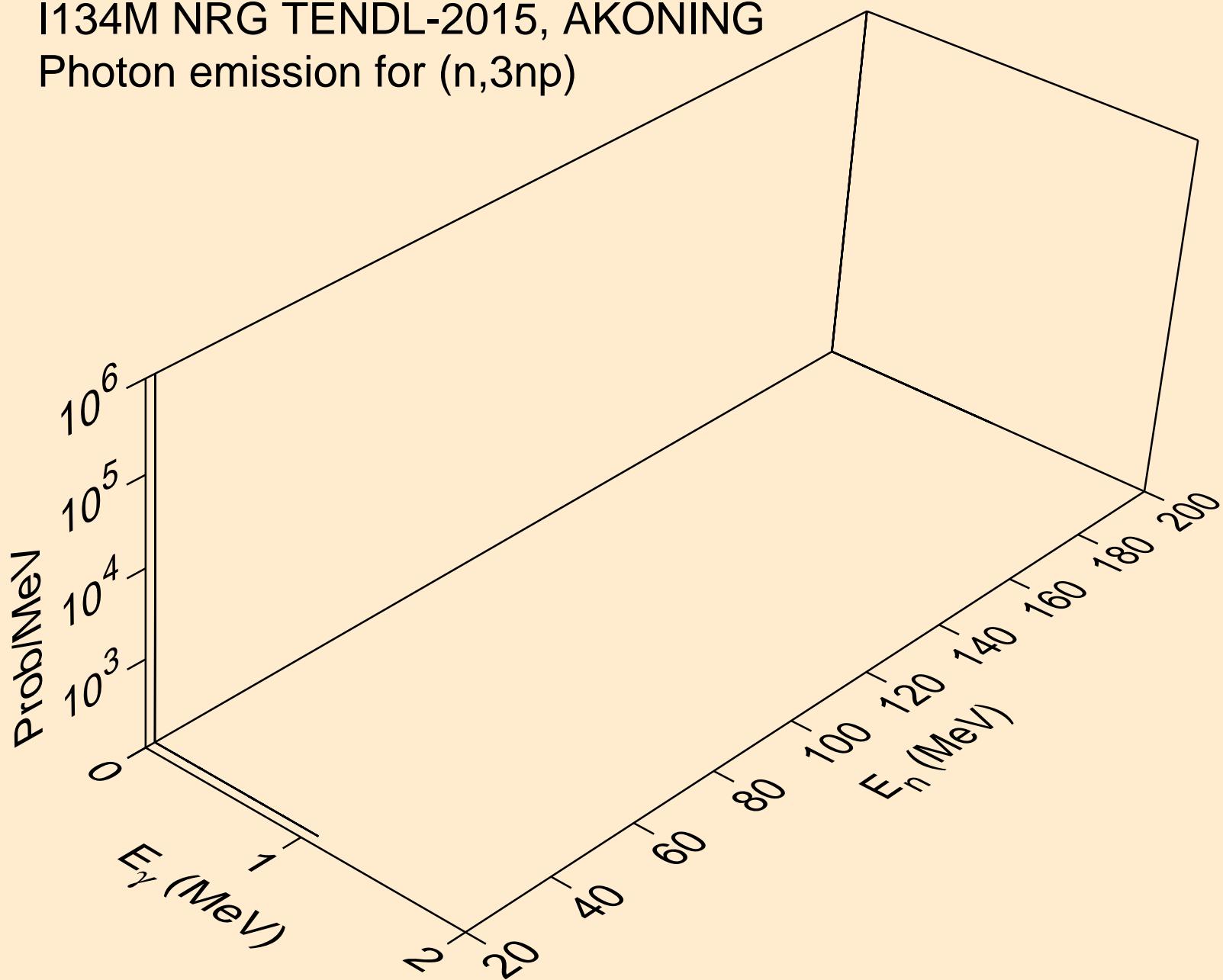
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Photon emission for (n,4n)



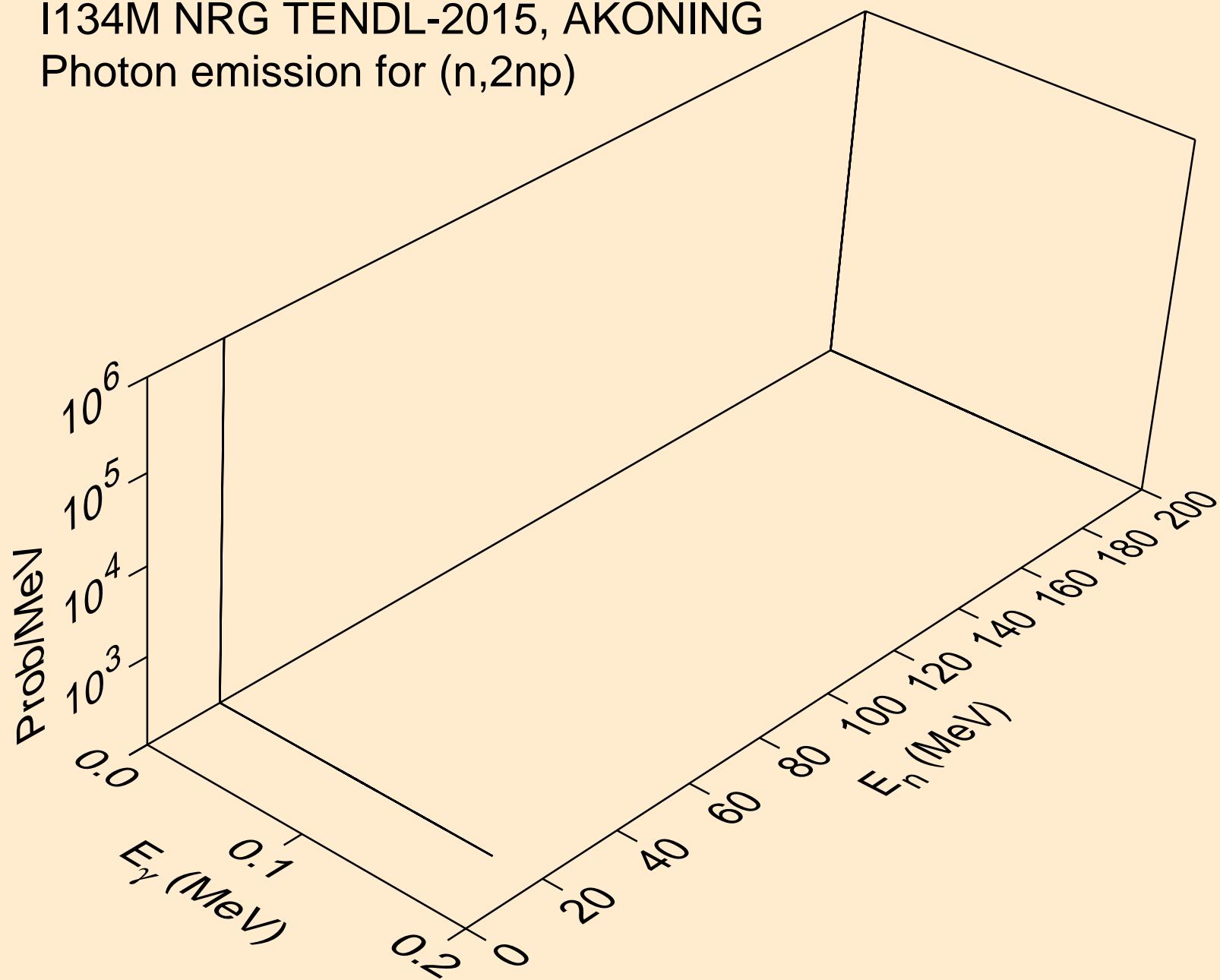
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Photon emission for (n,2np)



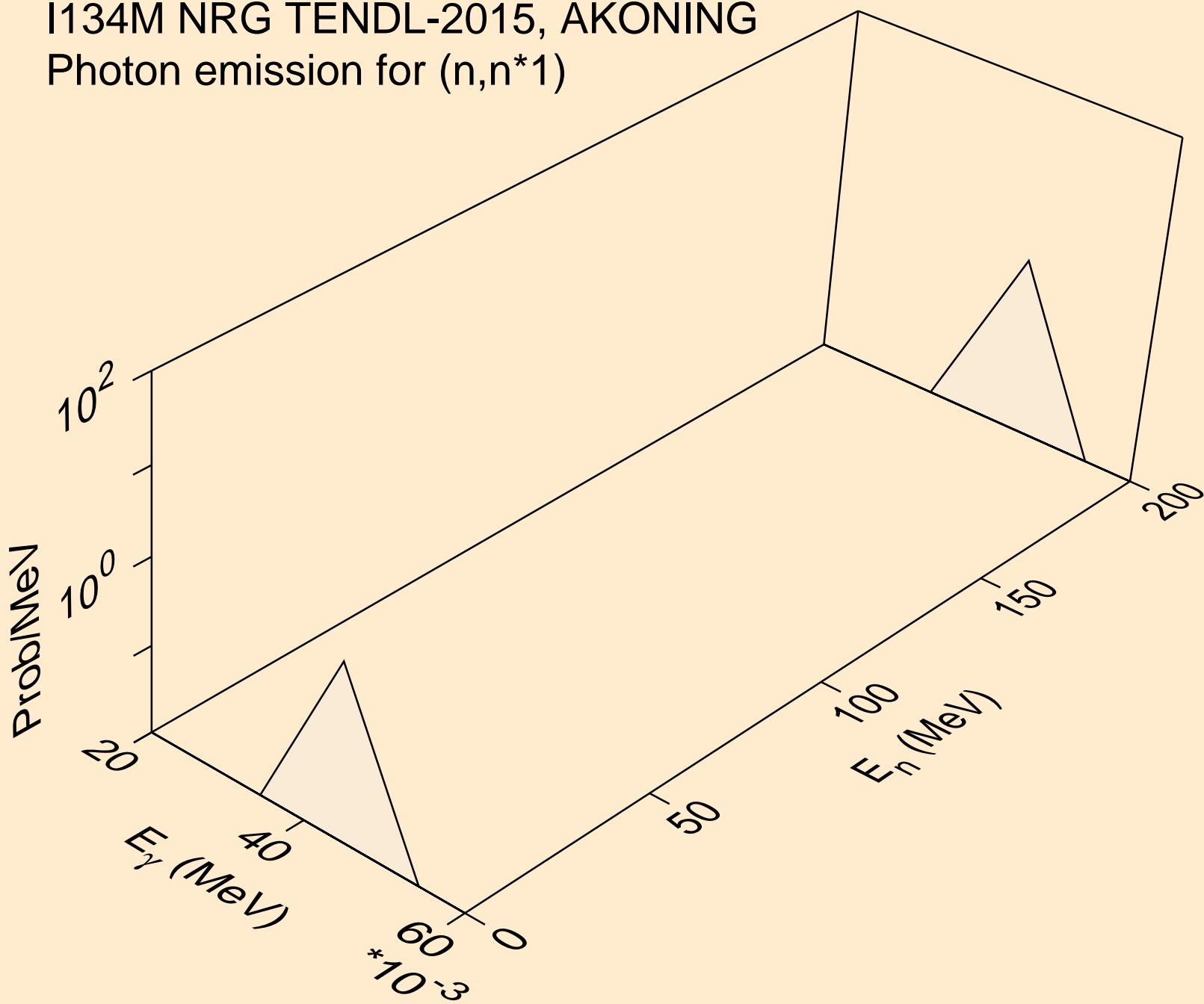
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Photon emission for (n,3np)



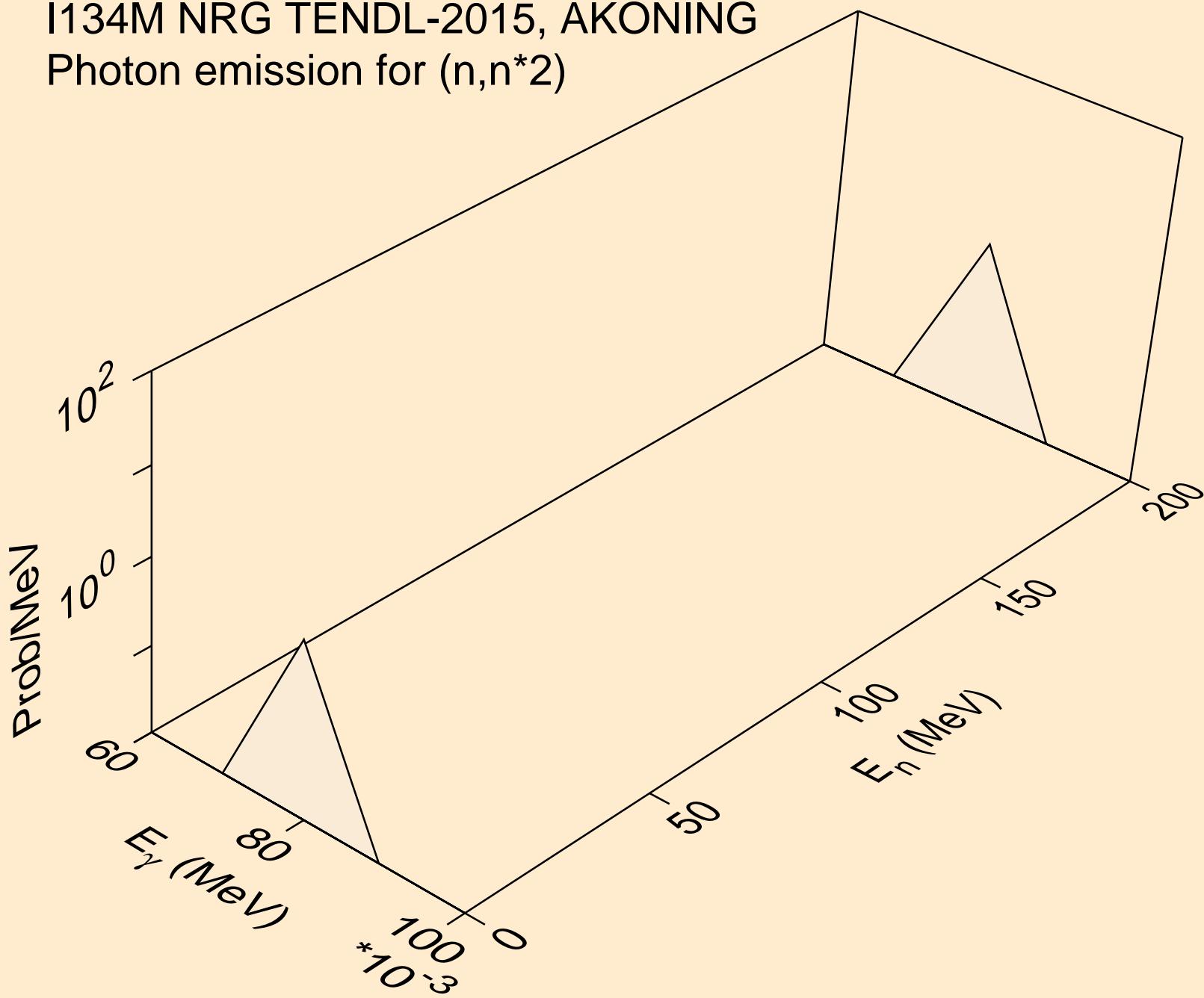
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Photon emission for (n,2np)



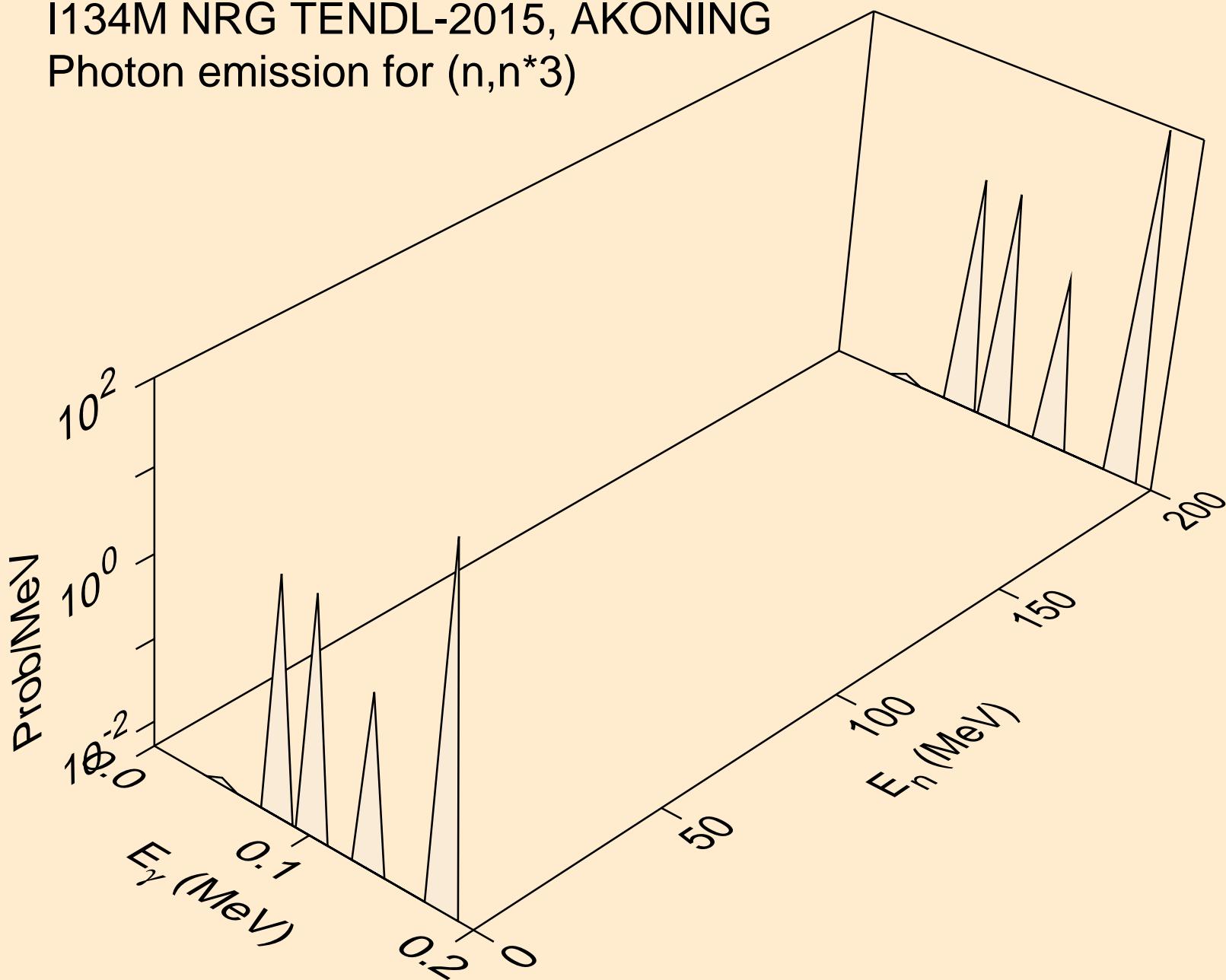
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Photon emission for (n,n\*1)



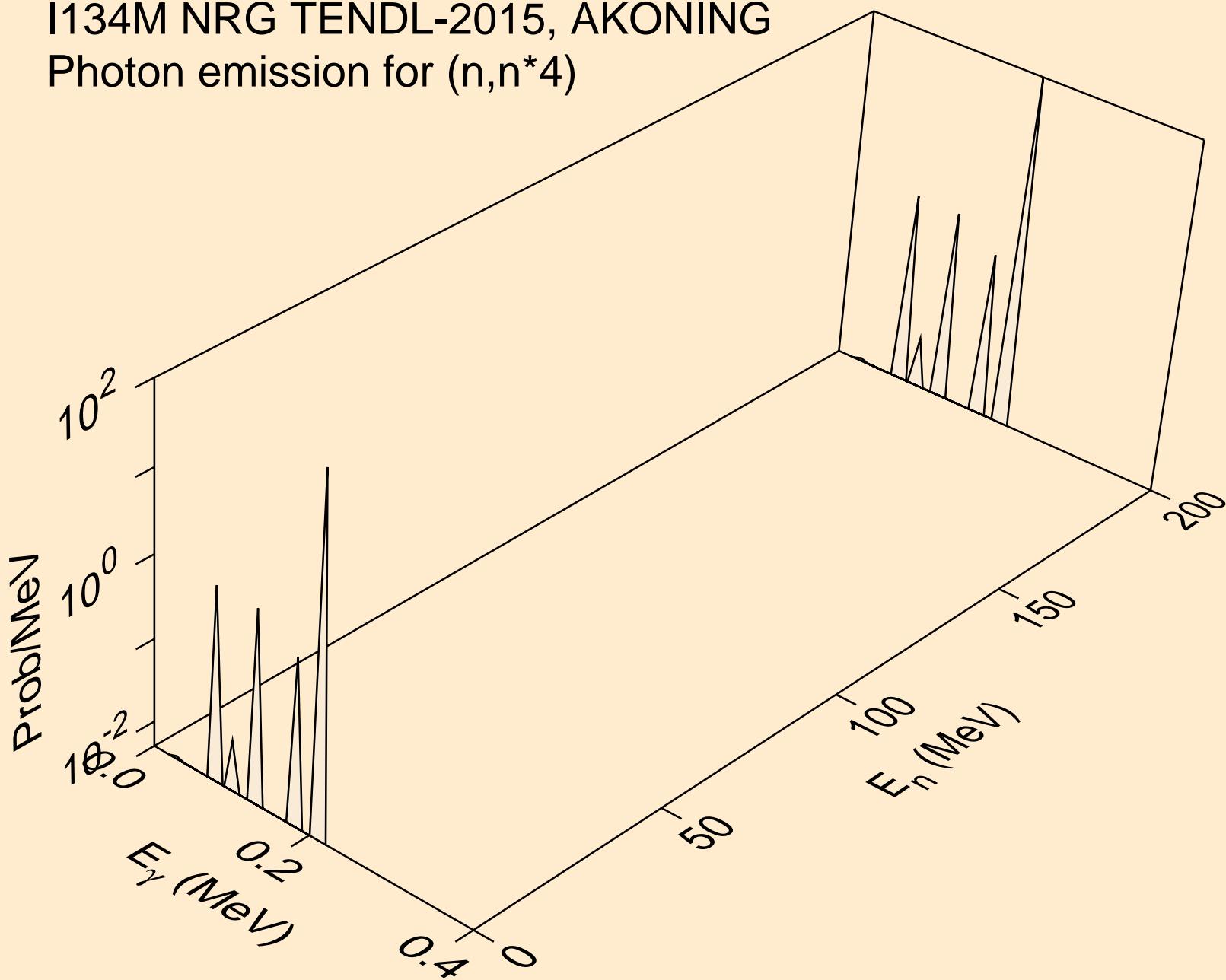
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Photon emission for (n,n\*2)



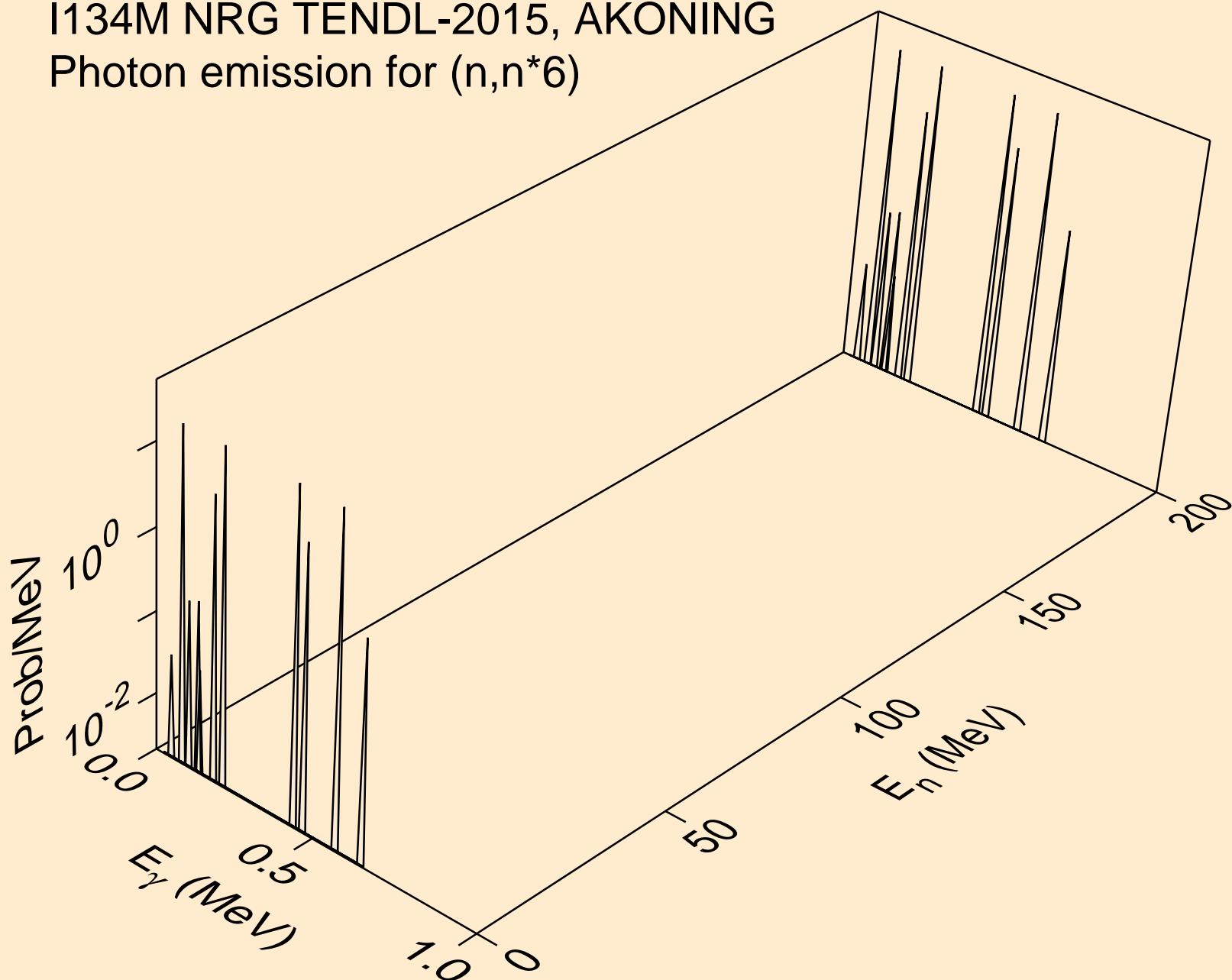
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Photon emission for ( $n, n^* 3$ )



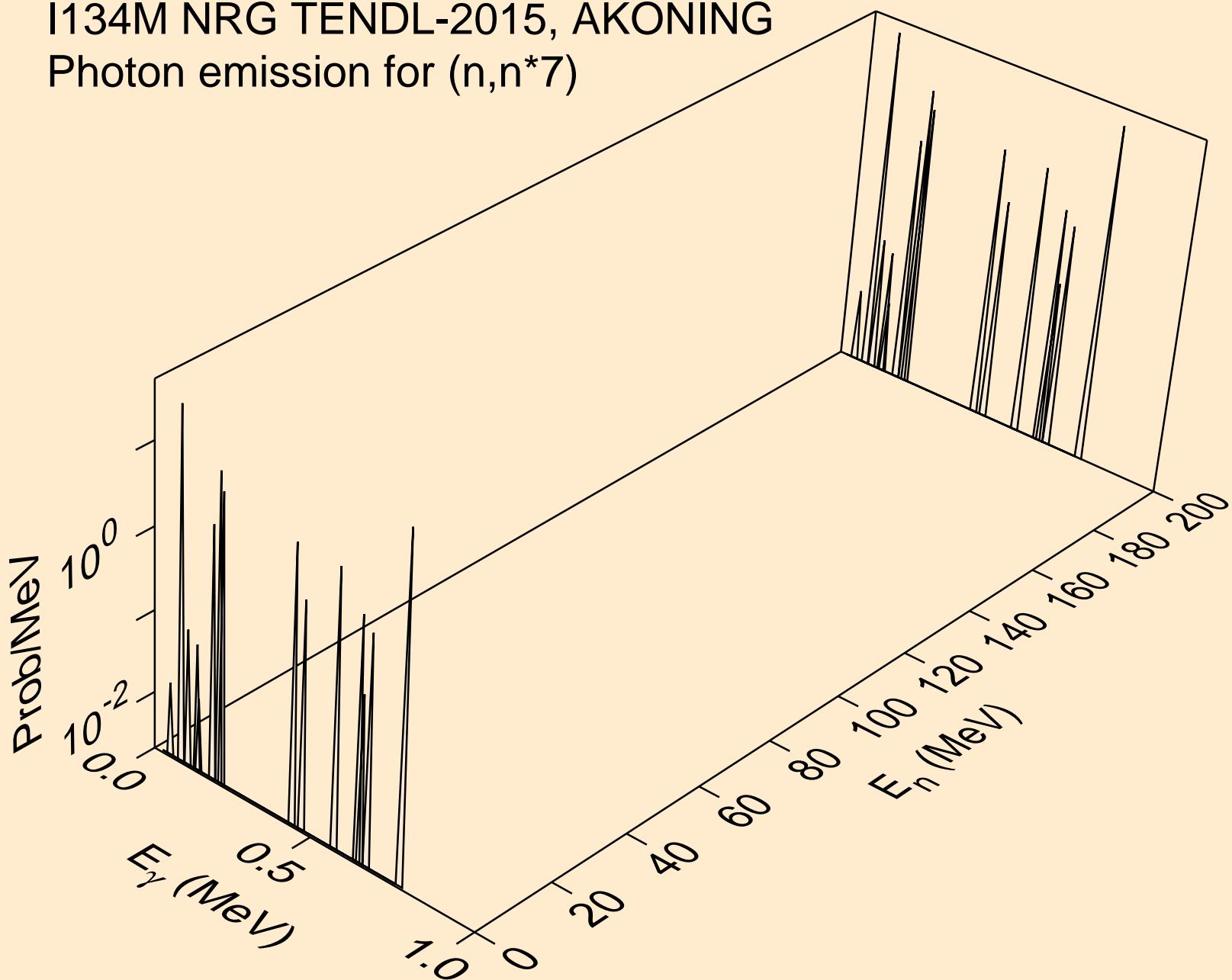
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Photon emission for ( $n, n^* 4$ )



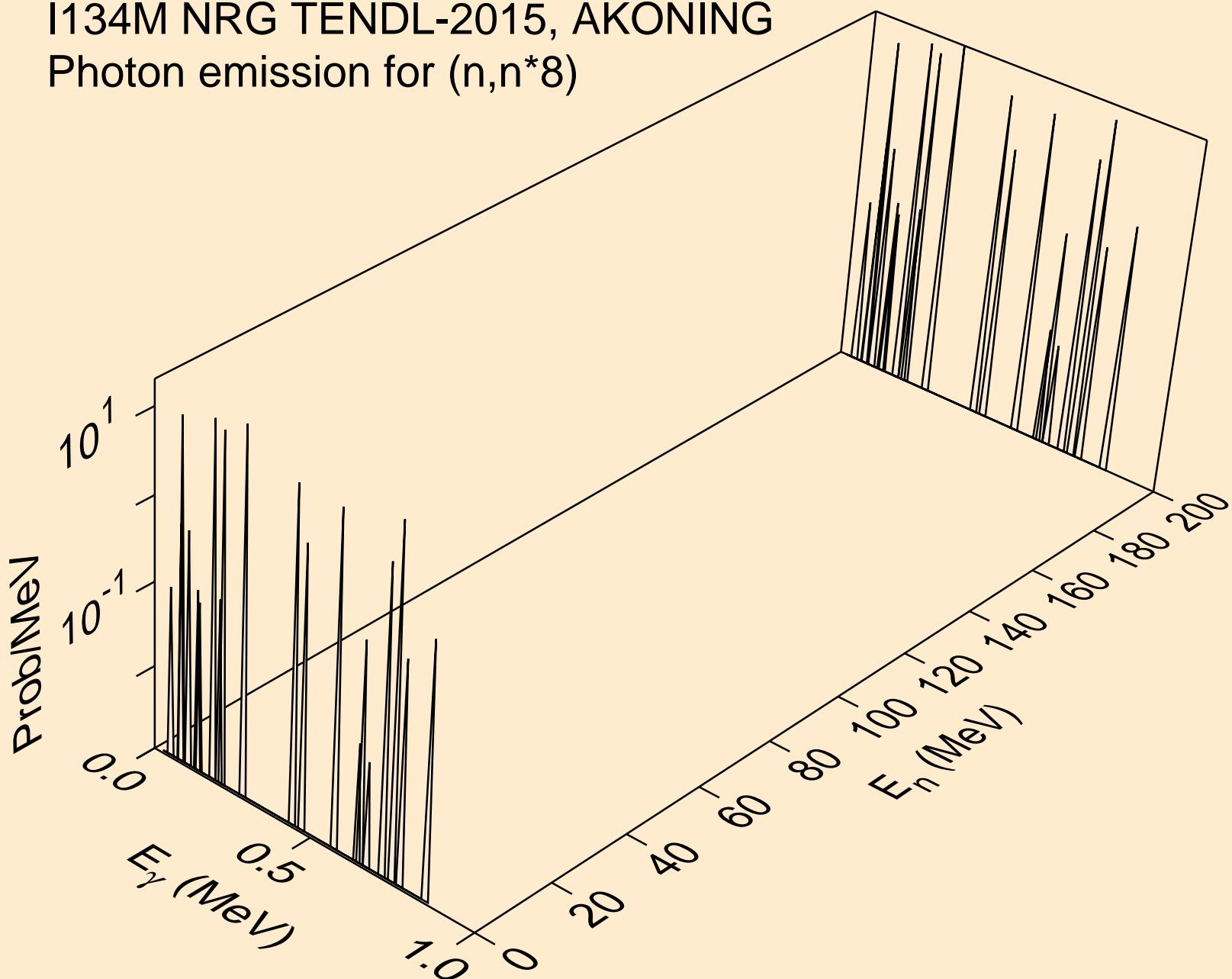
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Photon emission for (n,n\*6)



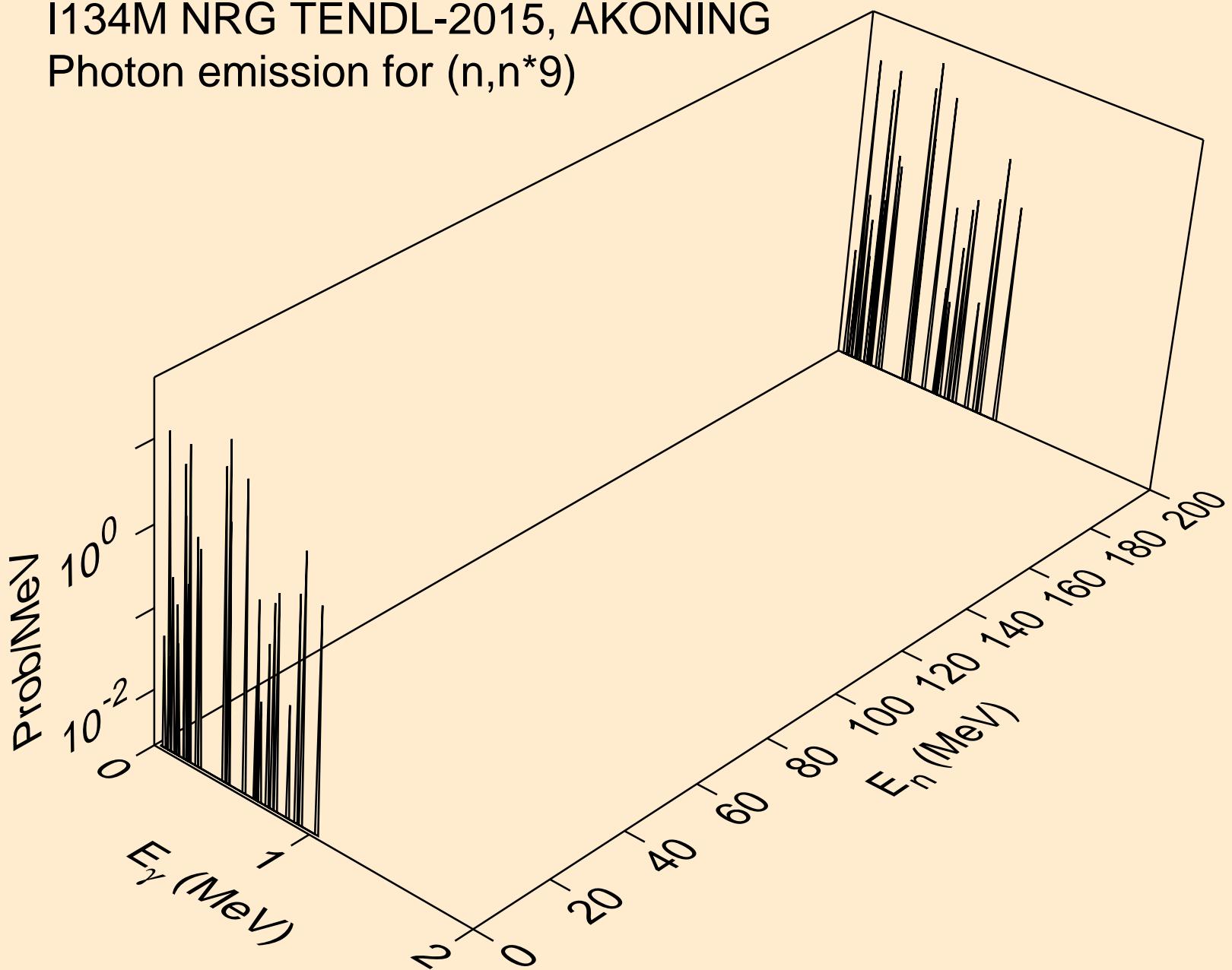
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Photon emission for ( $n, n^* 7$ )



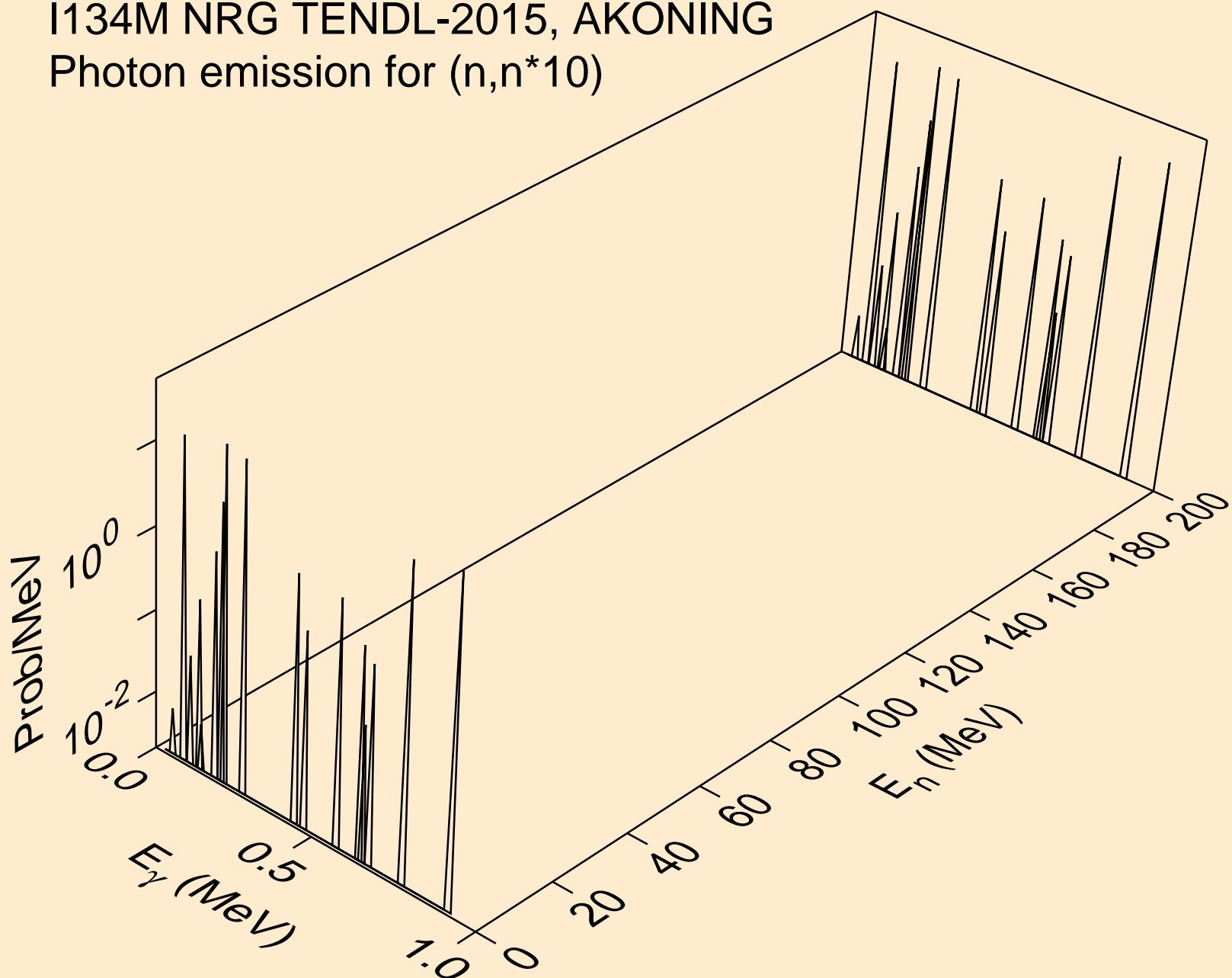
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Photon emission for (n,n\*8)



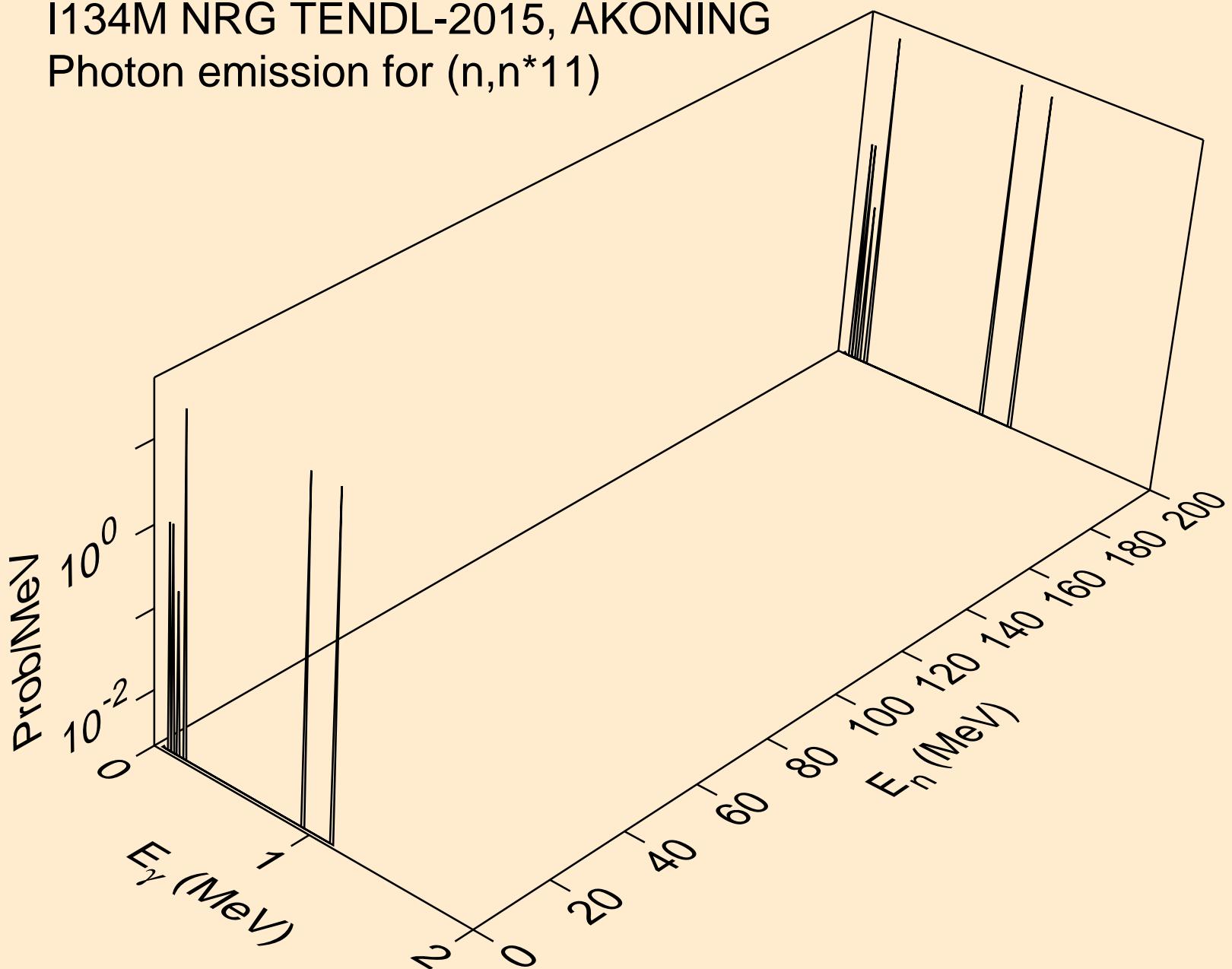
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Photon emission for (n,n\*9)



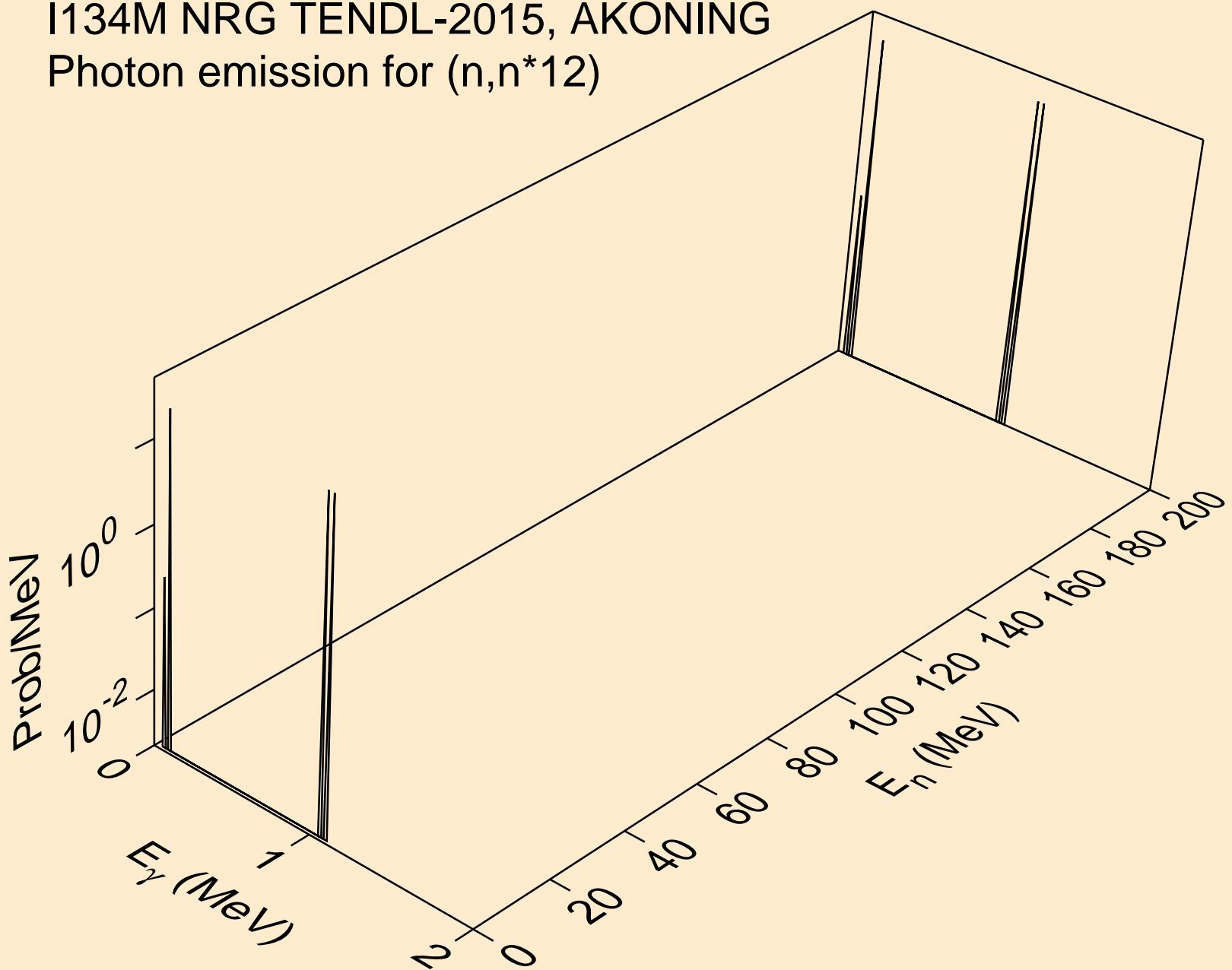
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Photon emission for (n,n\*10)



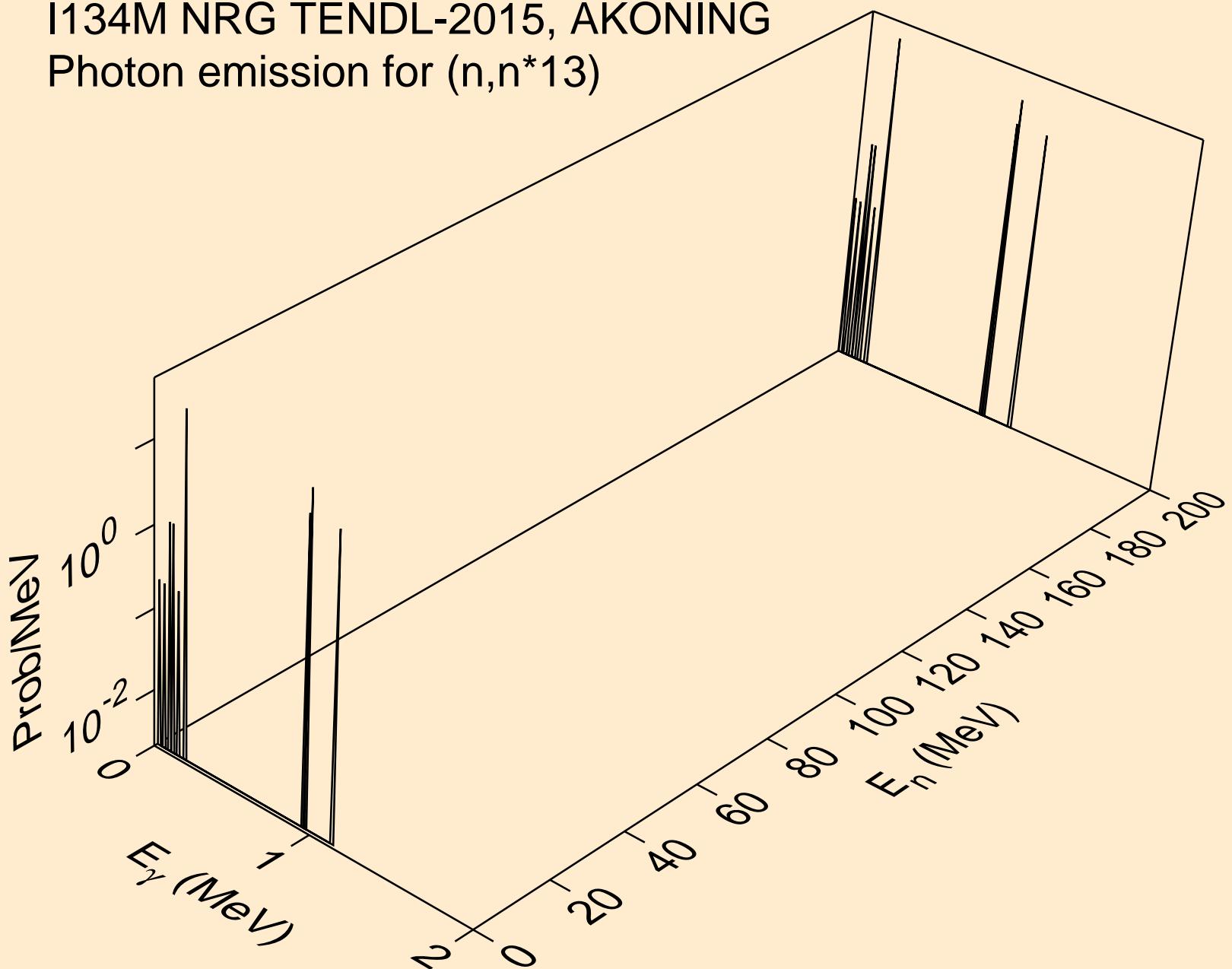
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Photon emission for (n,n\*11)



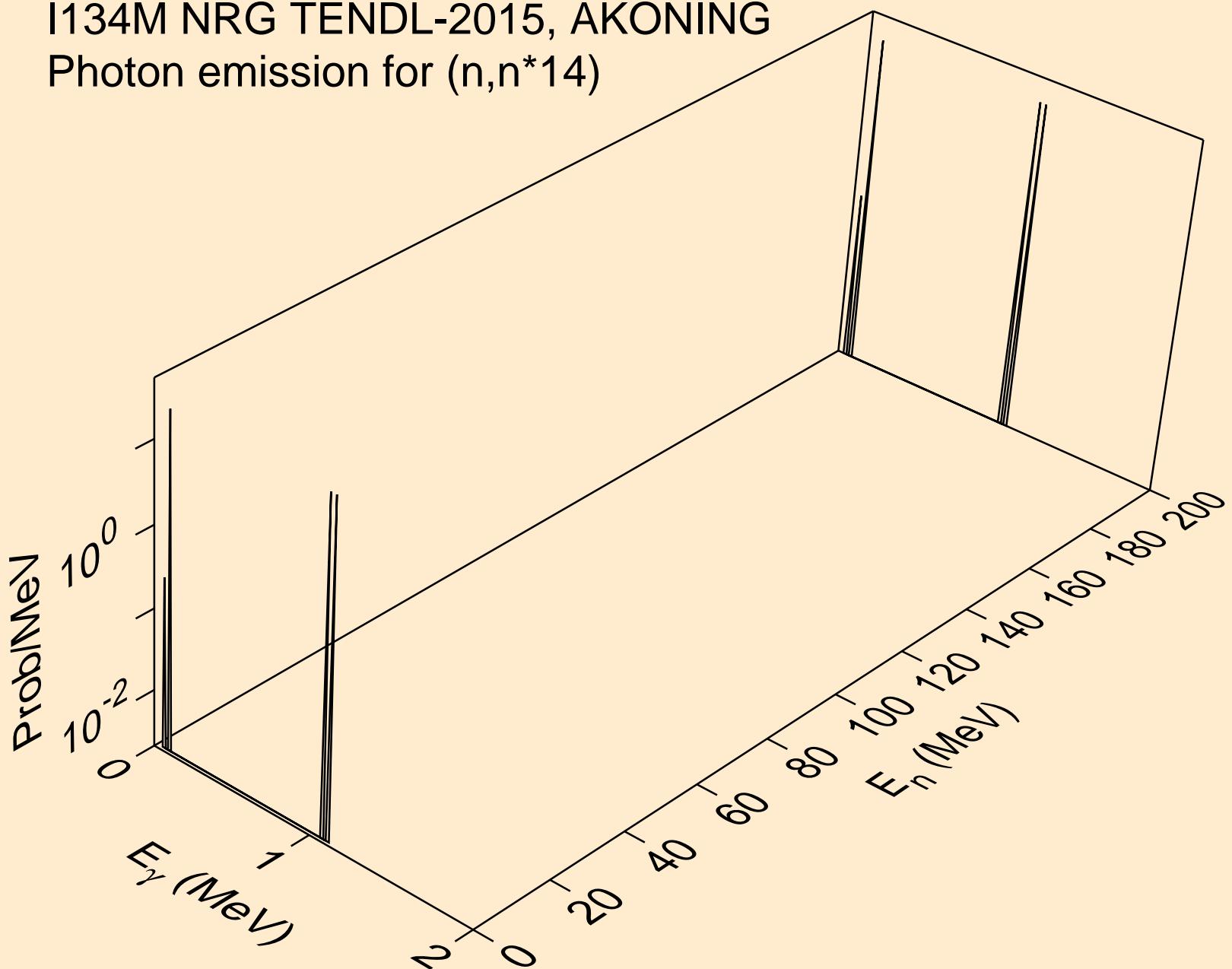
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Photon emission for (n,n\*12)



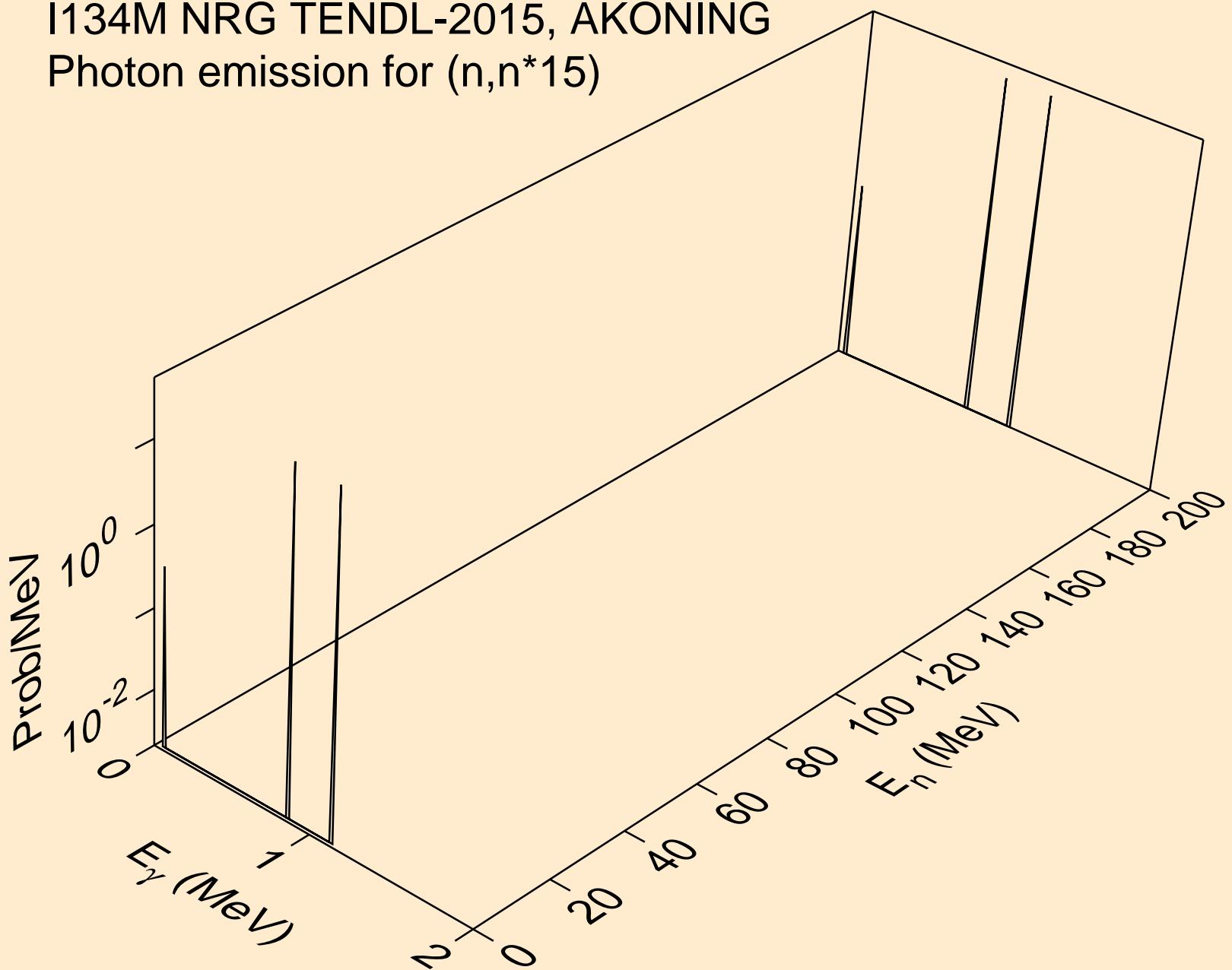
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Photon emission for (n,n\*13)



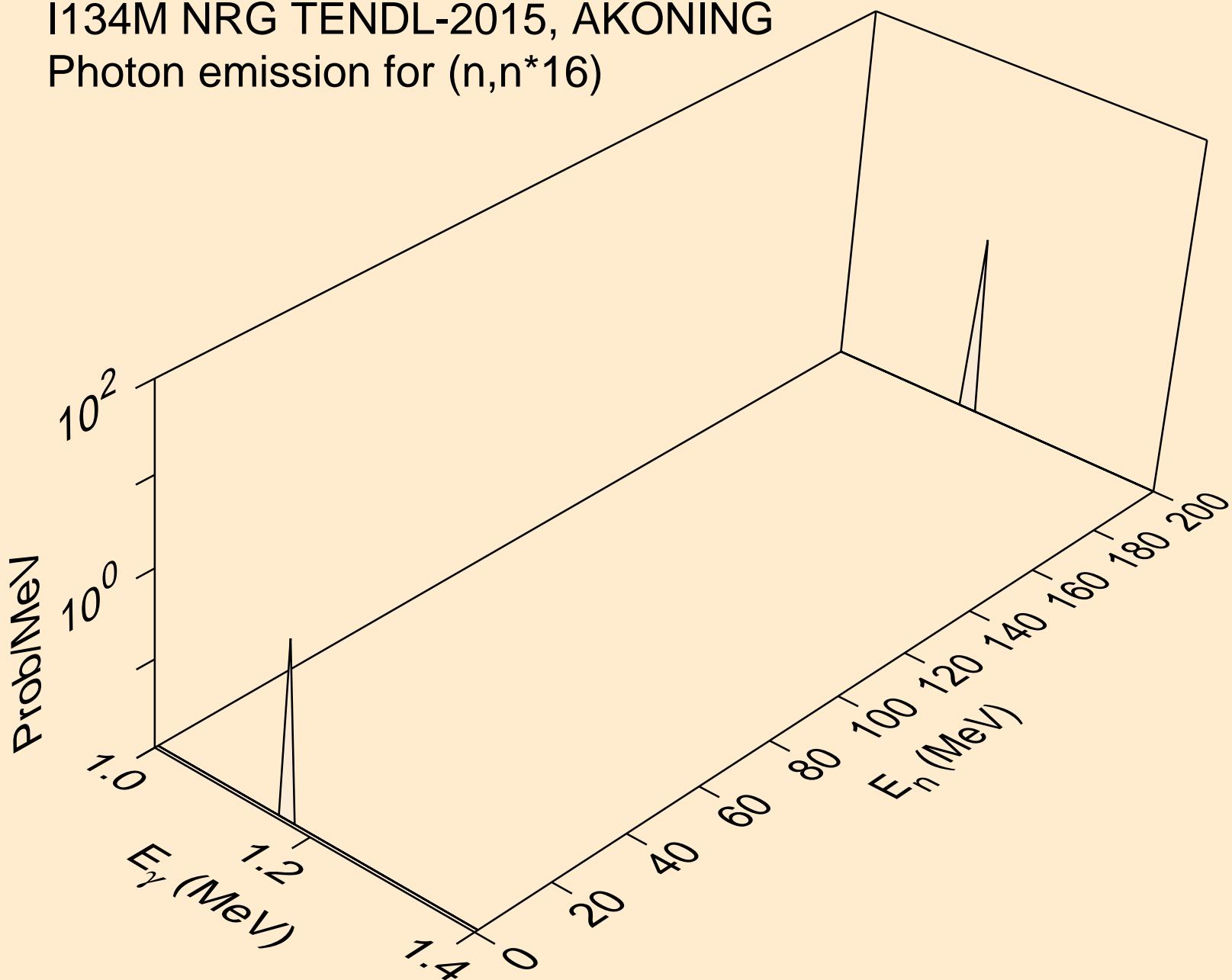
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Photon emission for ( $n, n^* 14$ )



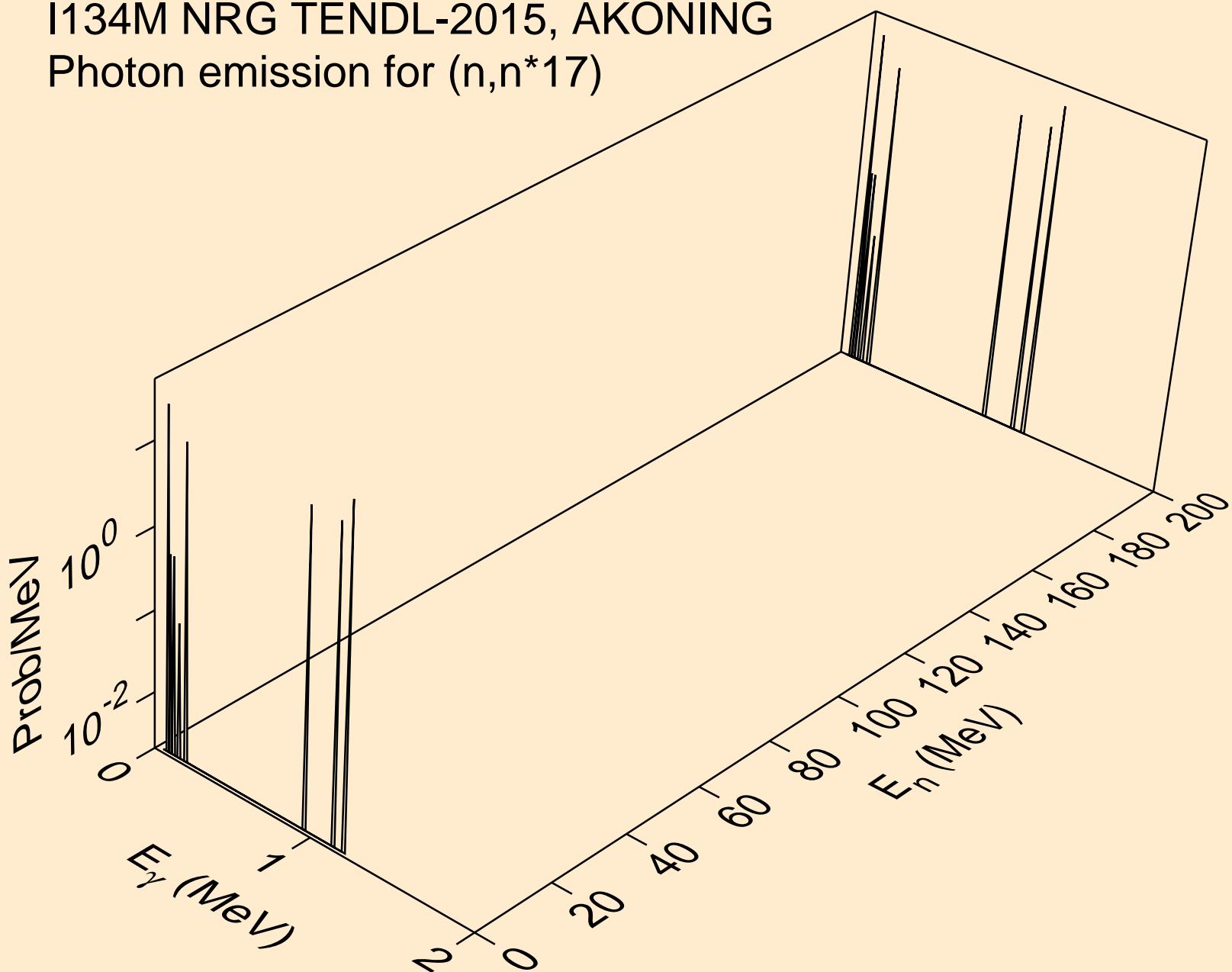
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Photon emission for (n,n\*15)



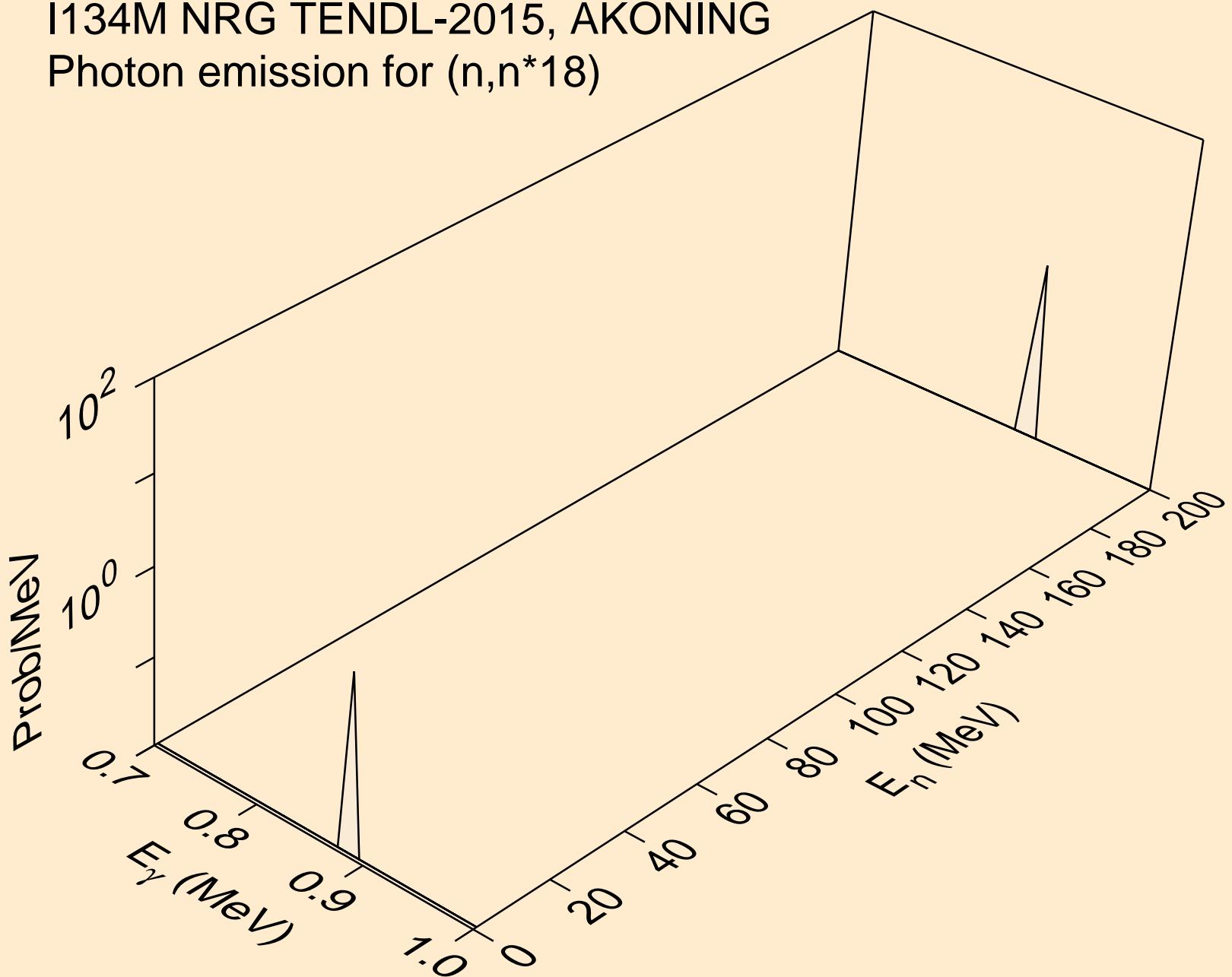
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Photon emission for (n,n\*16)



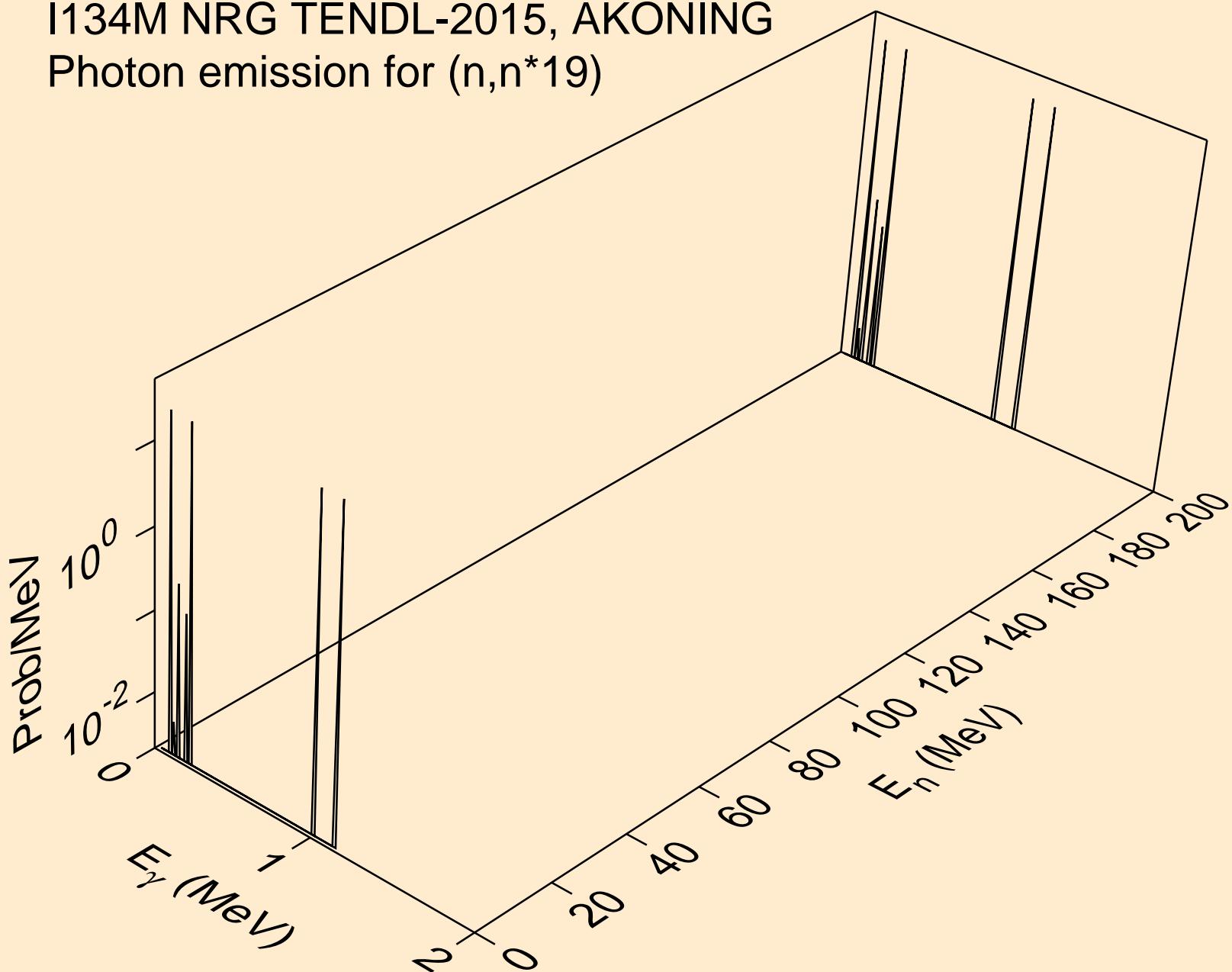
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Photon emission for ( $n, n^* 17$ )



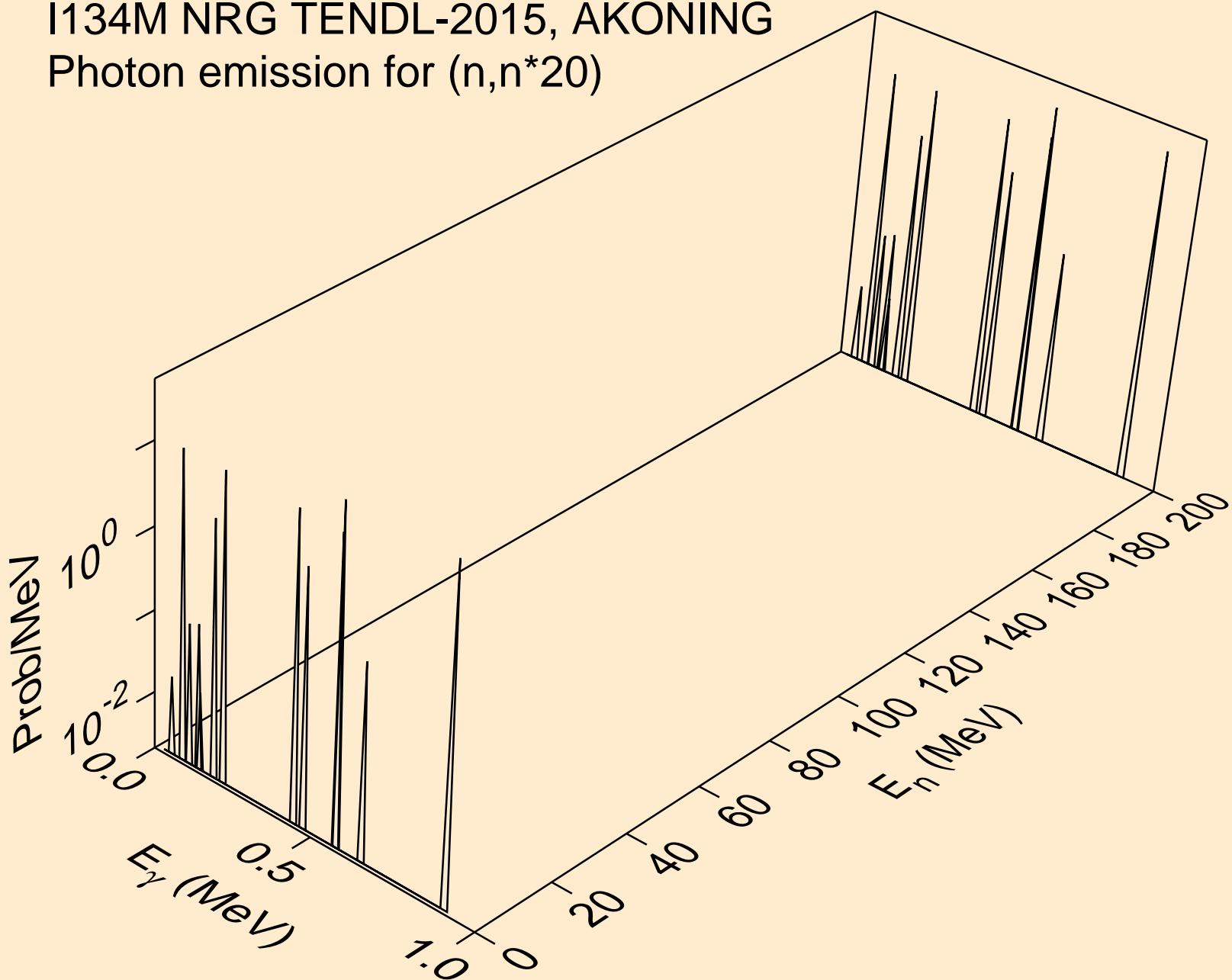
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Photon emission for ( $n, n^* 18$ )



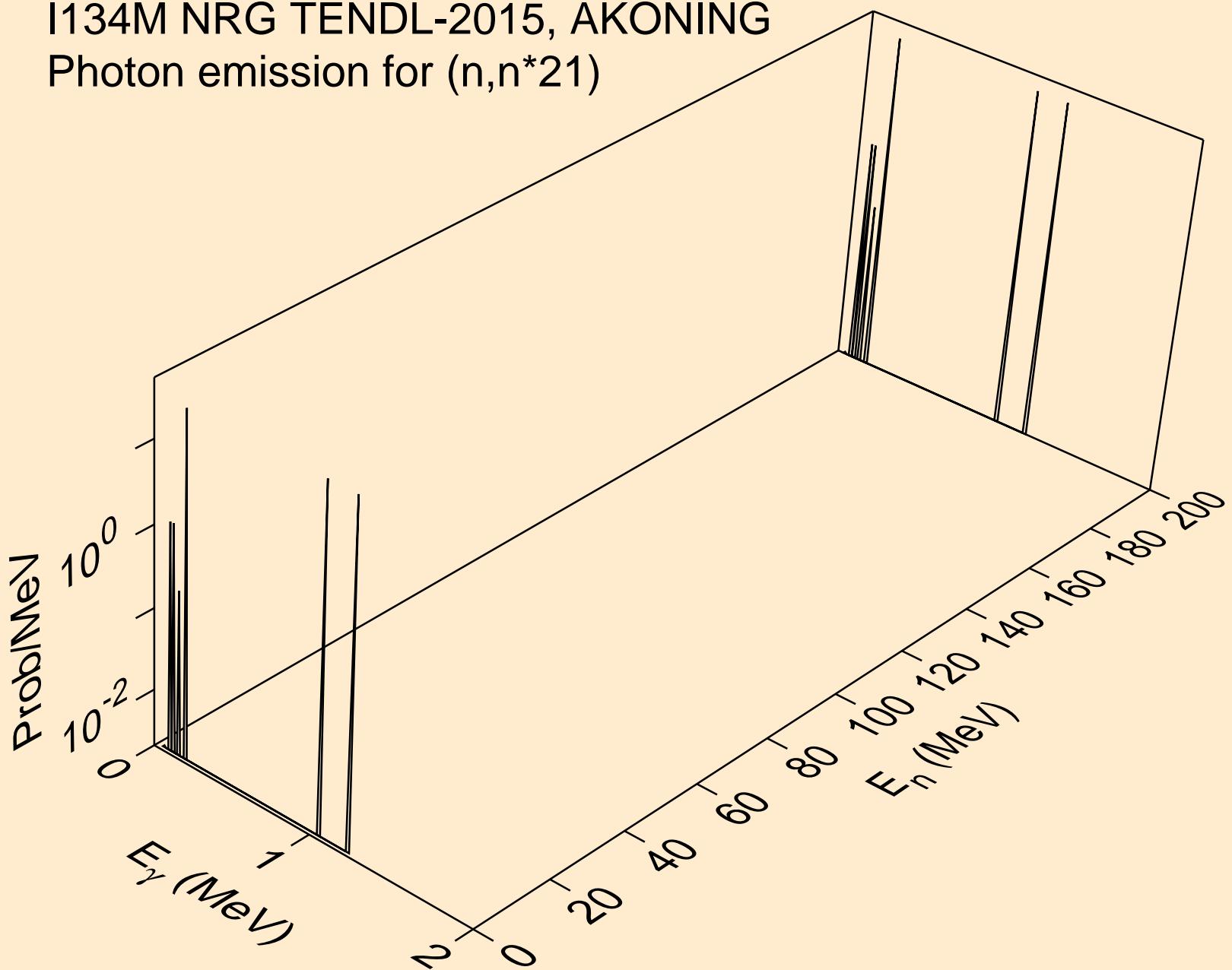
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Photon emission for ( $n, n^* 19$ )



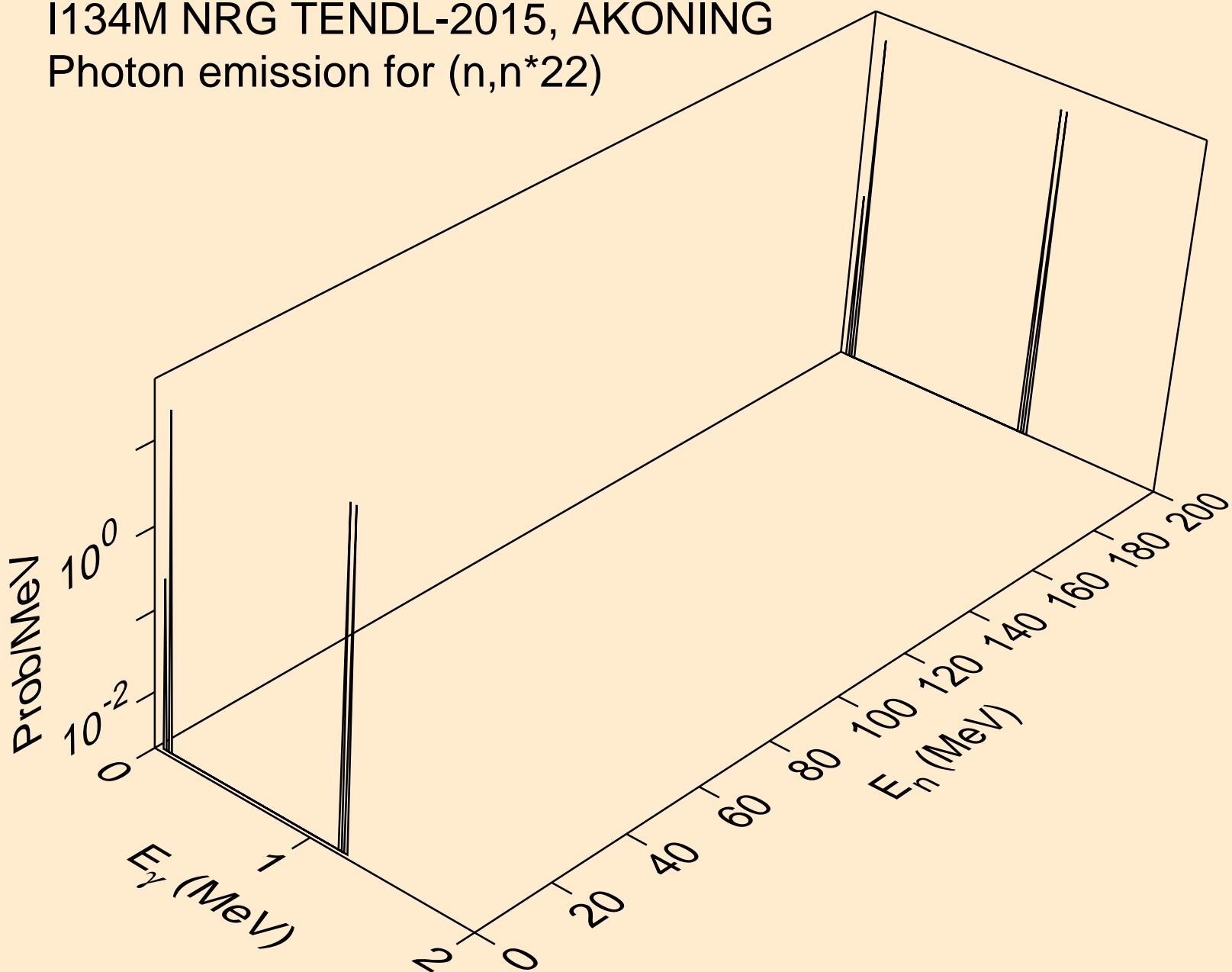
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Photon emission for (n,n\*20)



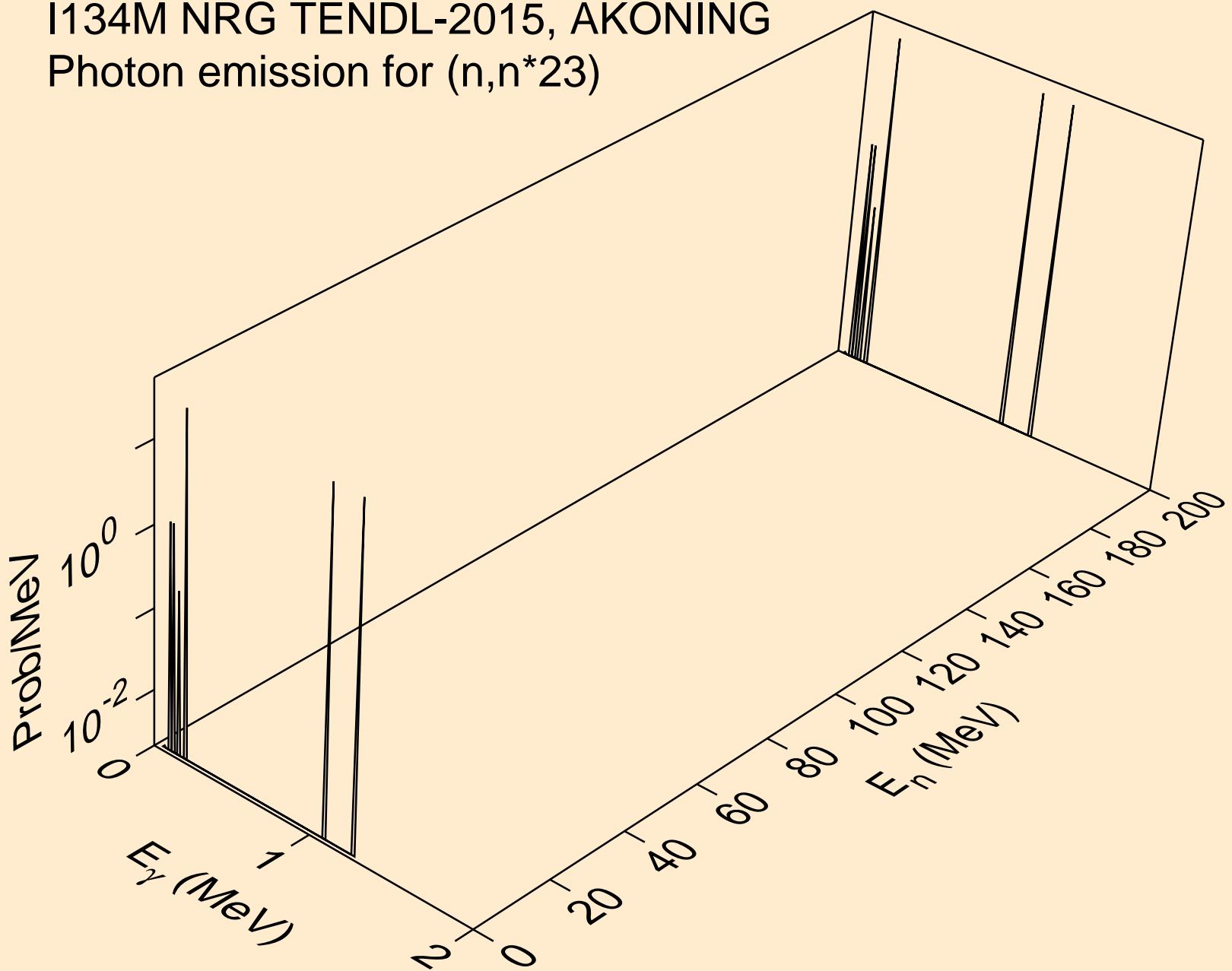
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Photon emission for ( $n, n^* 21$ )



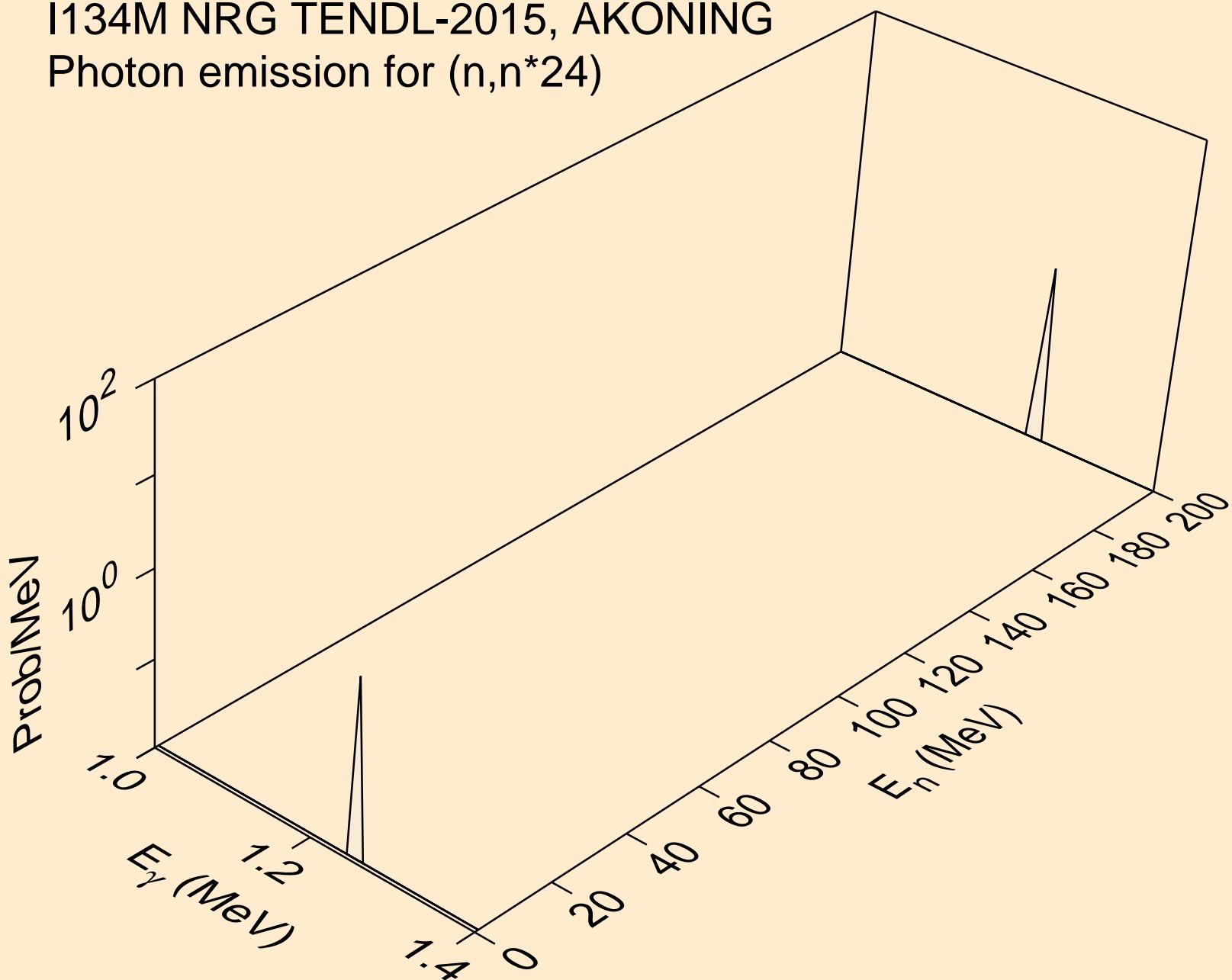
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Photon emission for ( $n, n^* 22$ )



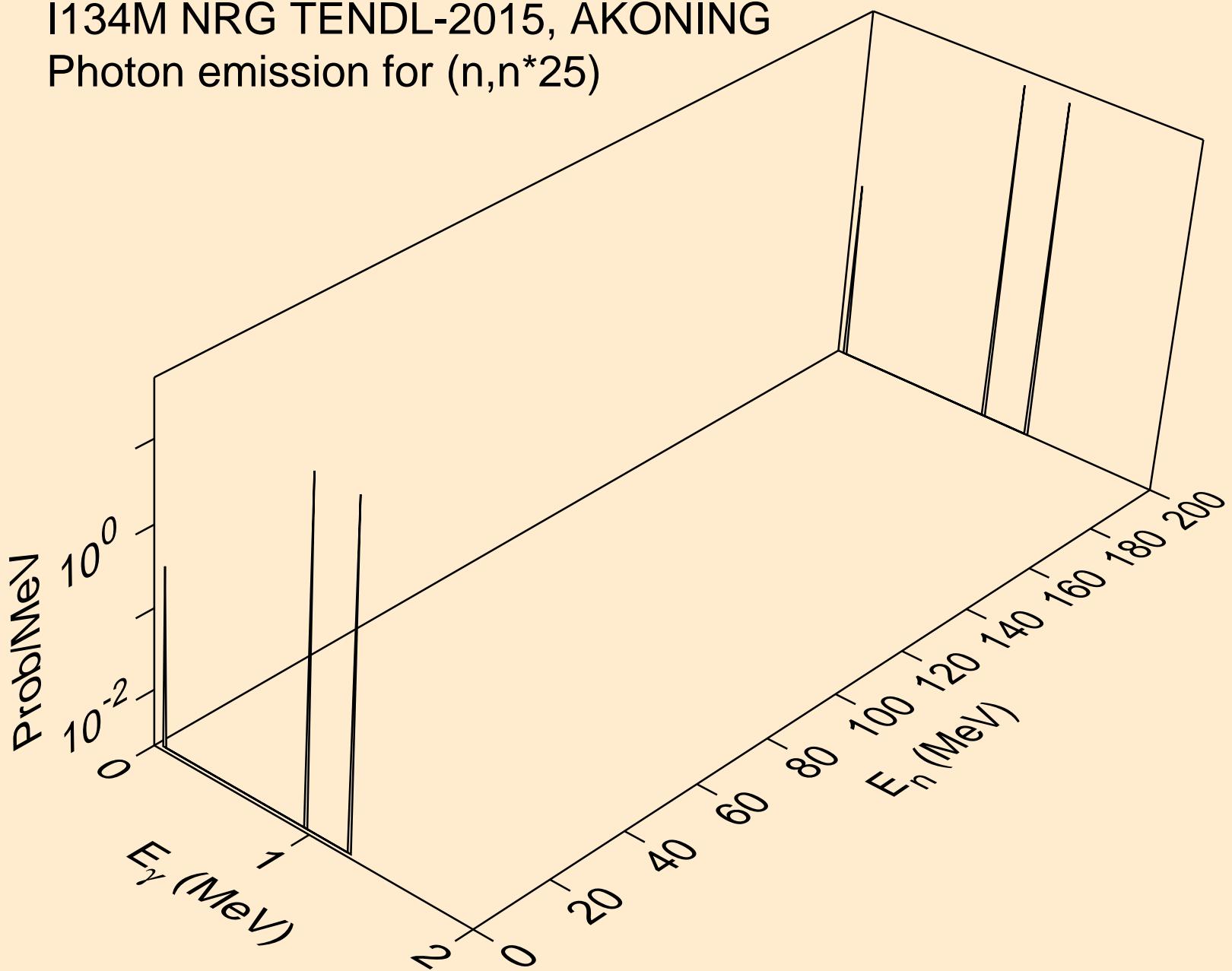
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Photon emission for ( $n, n^* 23$ )



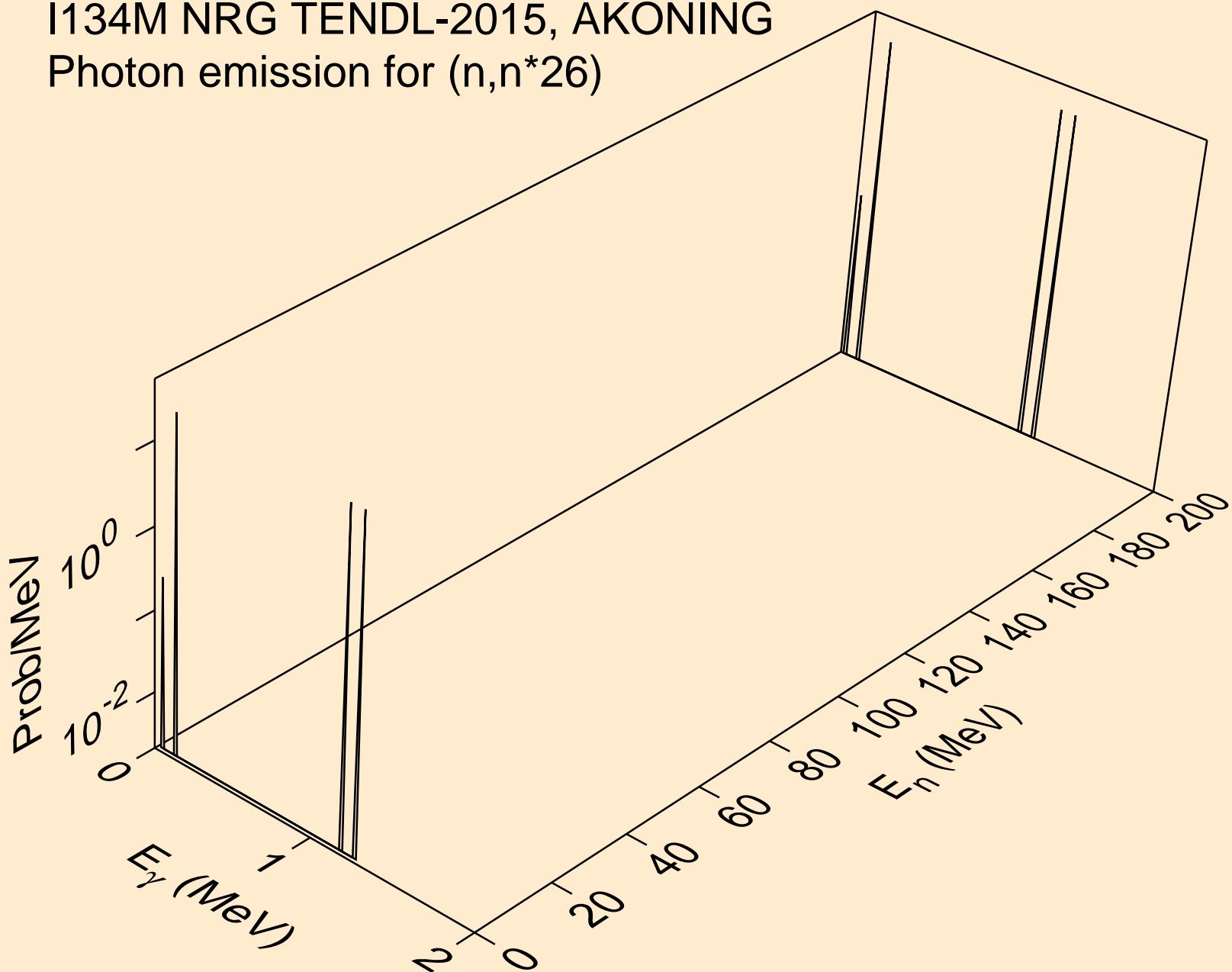
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Photon emission for ( $n, n^* 24$ )



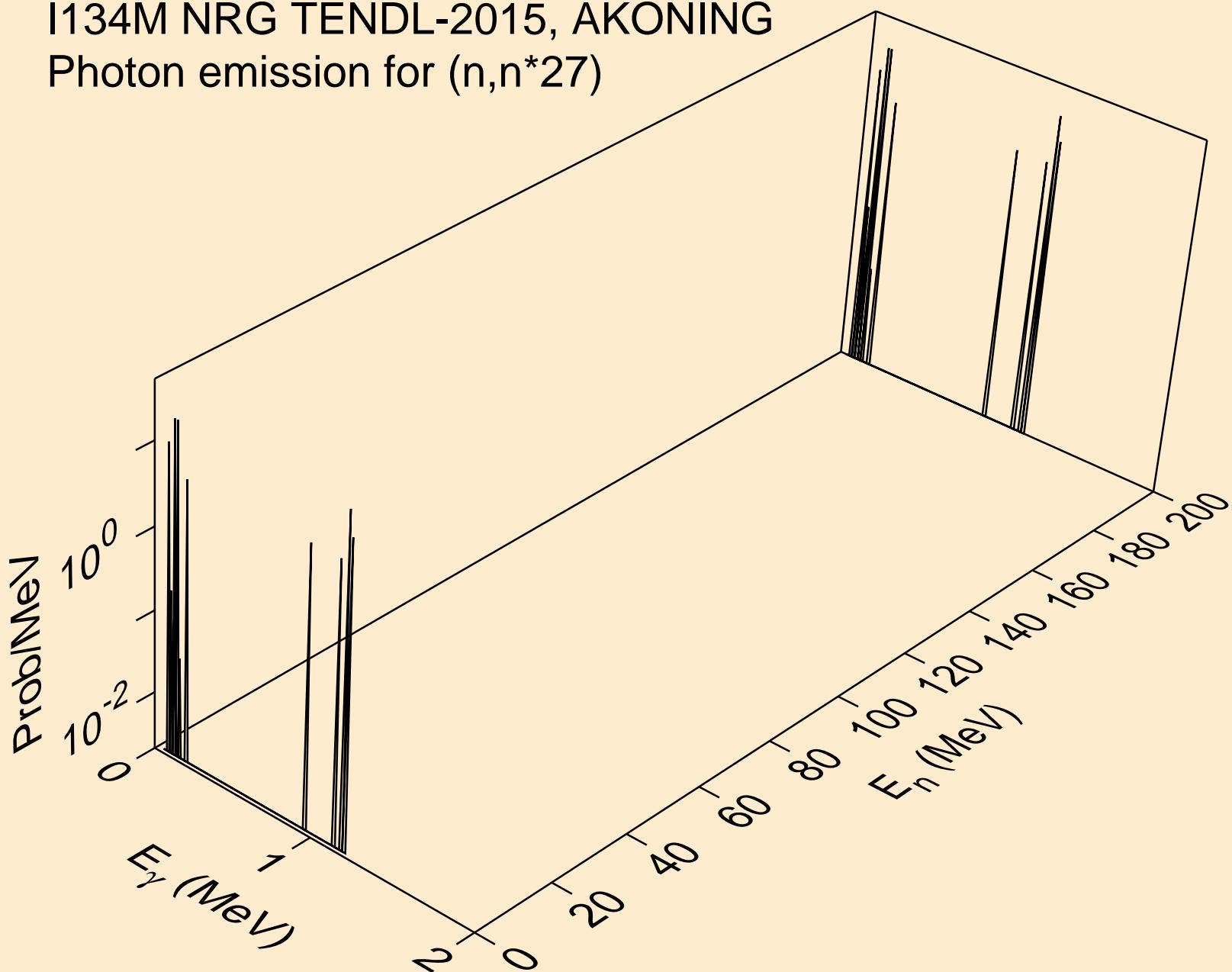
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Photon emission for (n,n\*25)



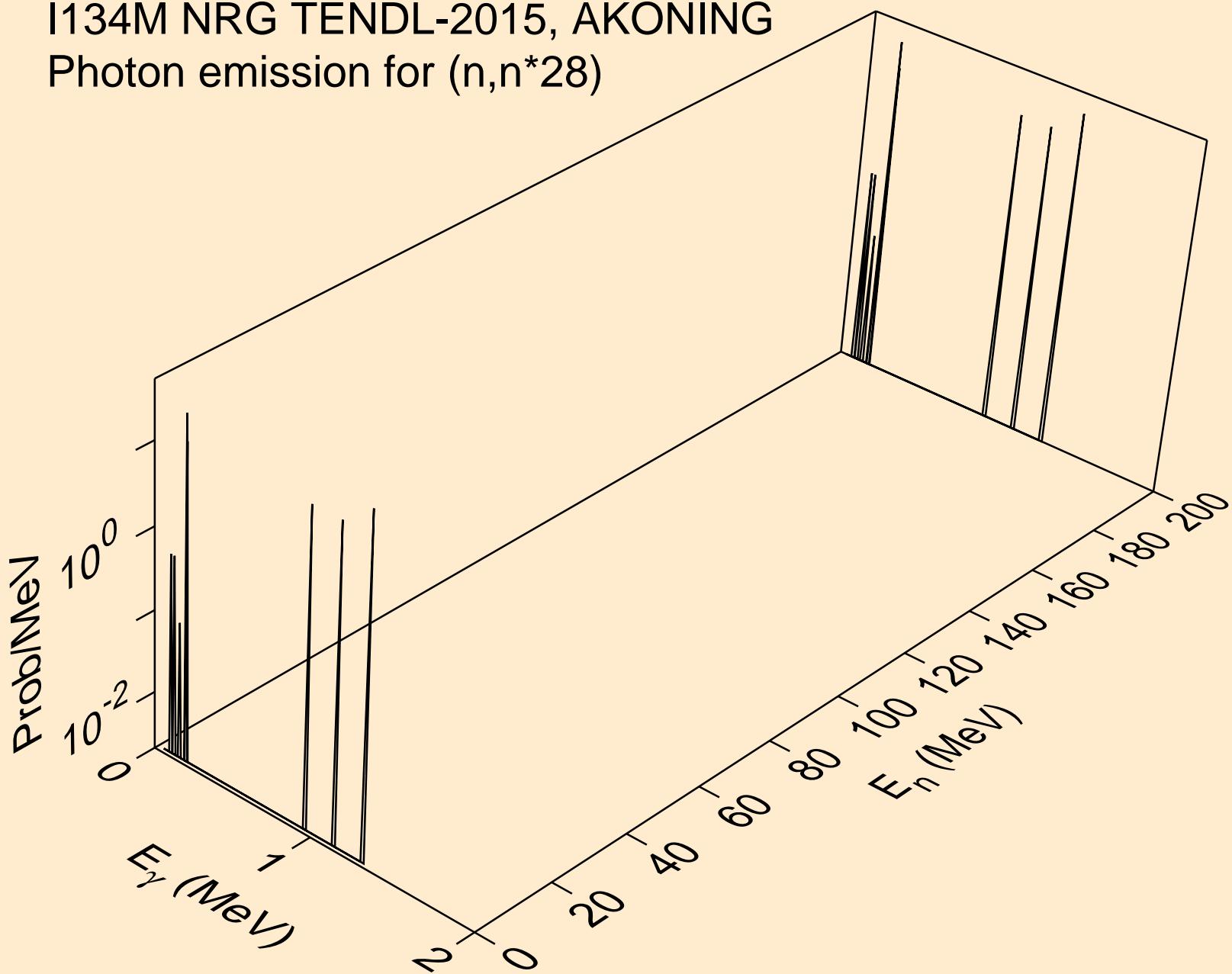
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Photon emission for ( $n, n^* 26$ )



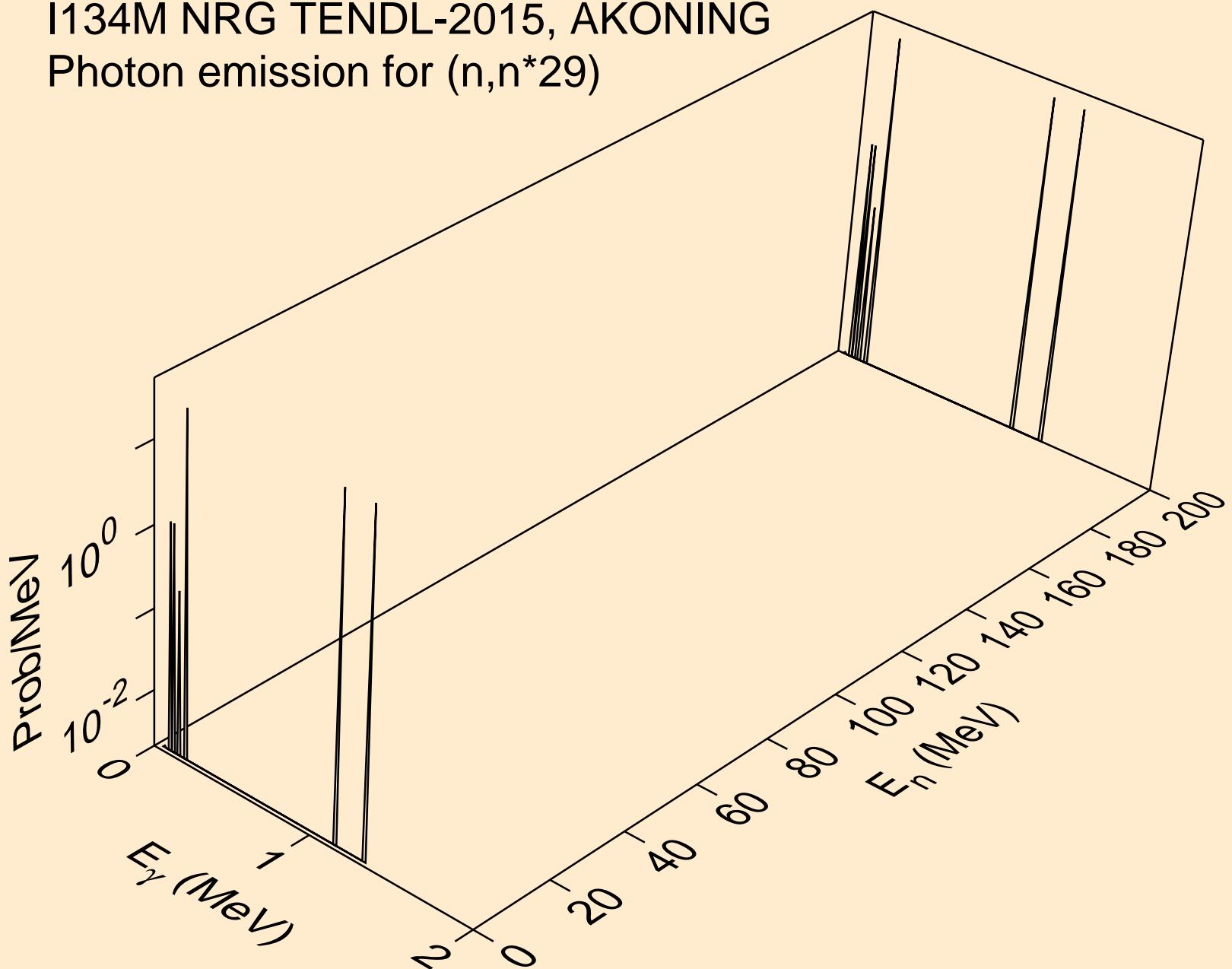
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Photon emission for ( $n, n^* 27$ )



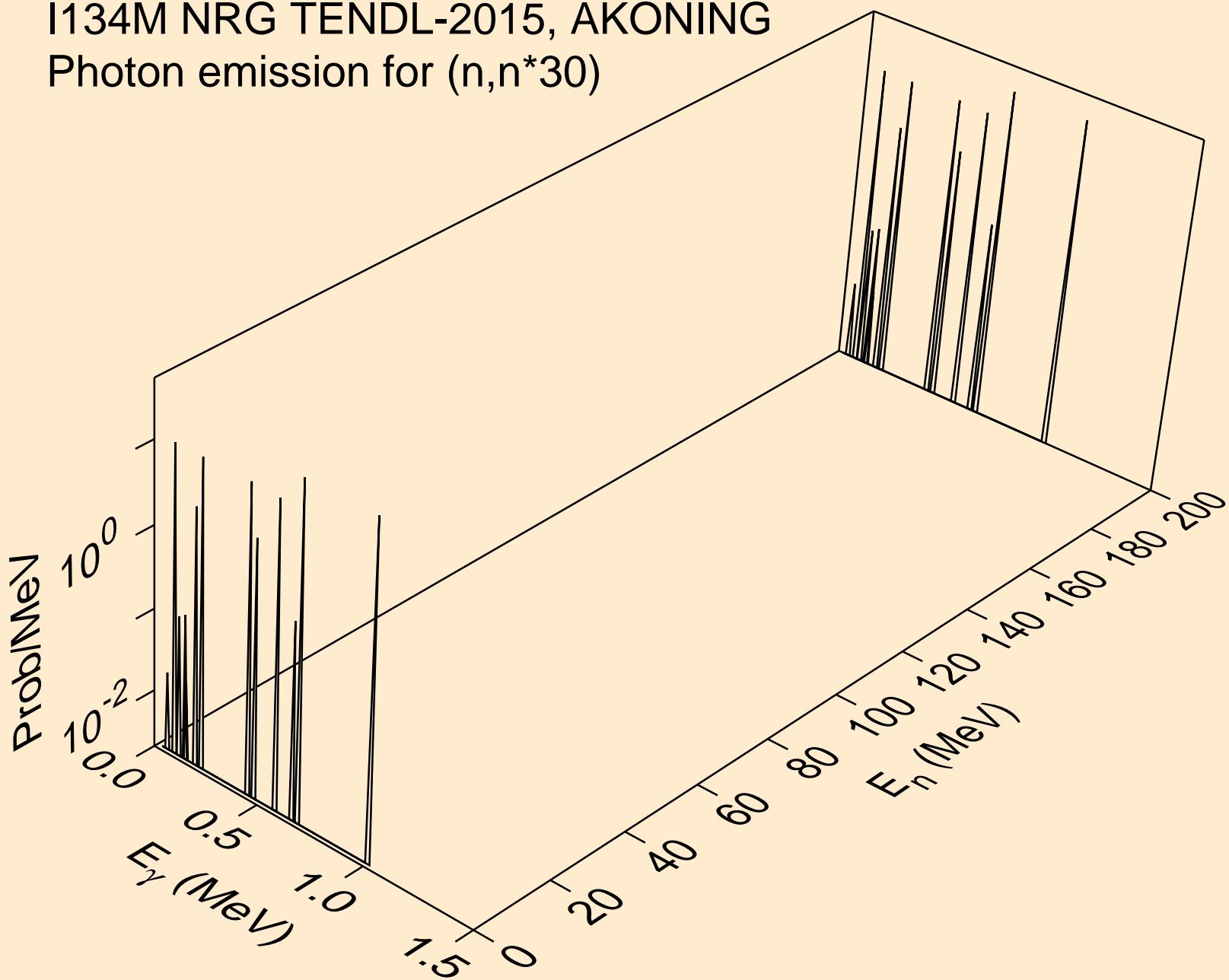
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Photon emission for ( $n, n^* 28$ )



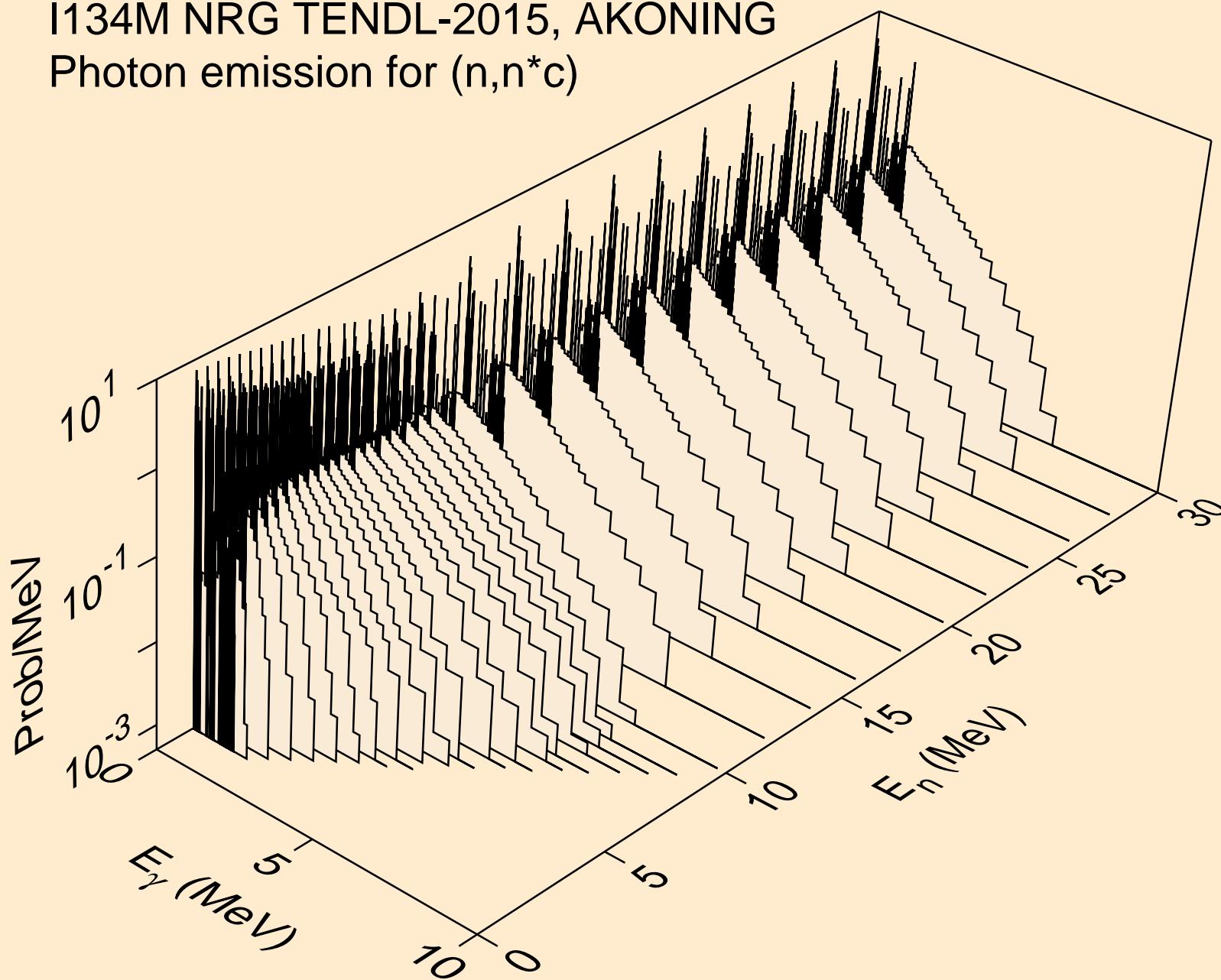
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Photon emission for ( $n, n^* 29$ )



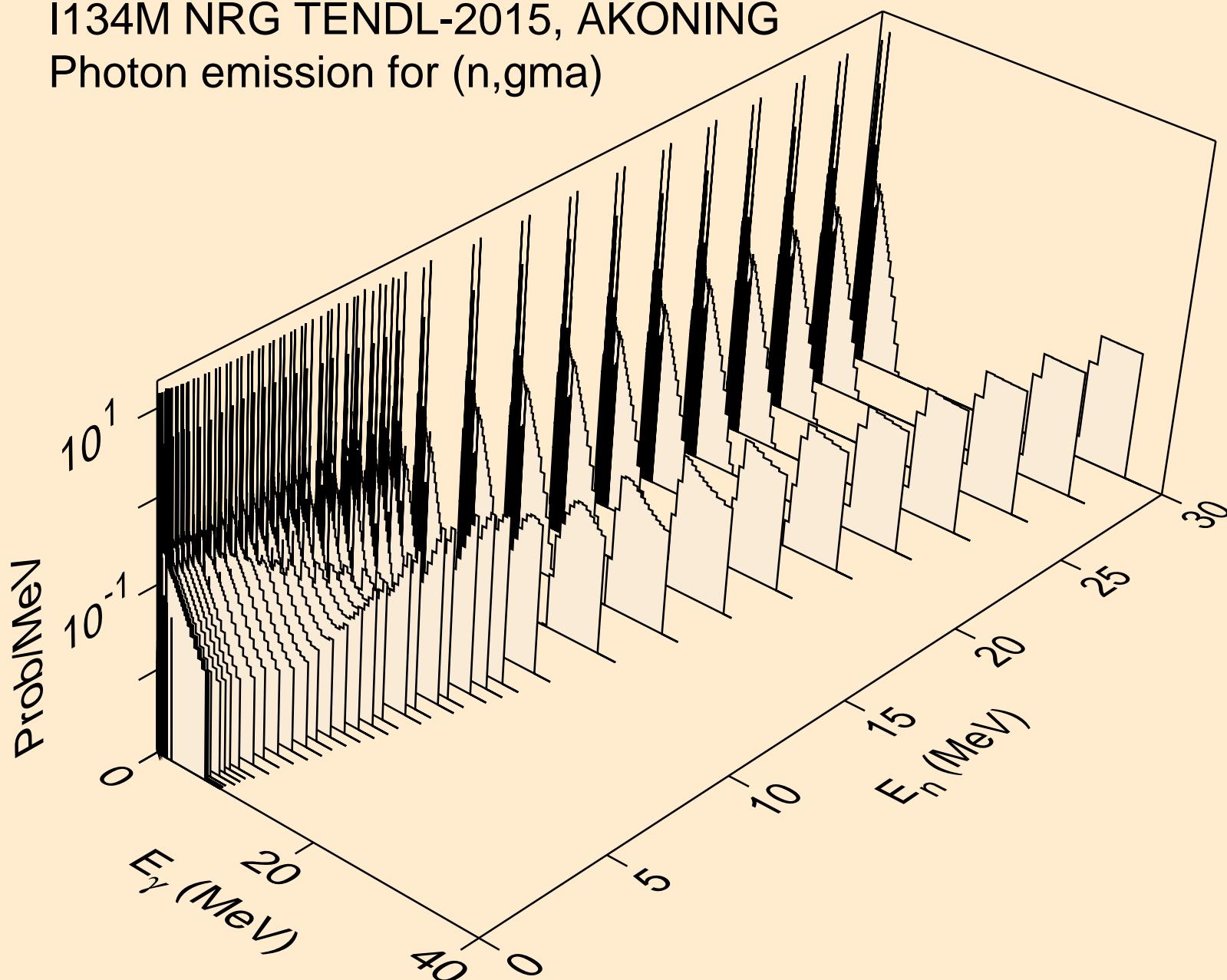
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Photon emission for ( $n, n^* 30$ )



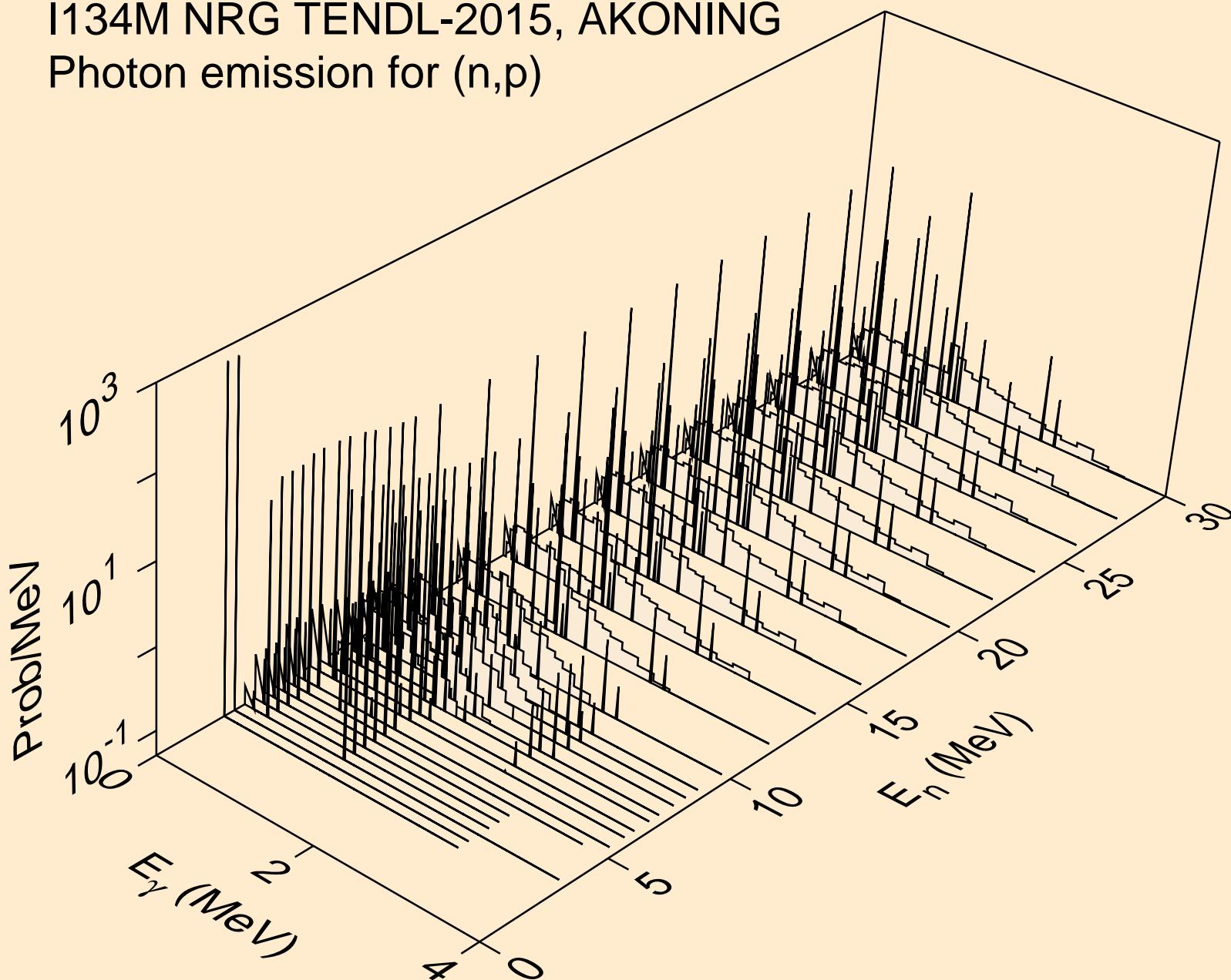
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Photon emission for ( $n, n^*c$ )



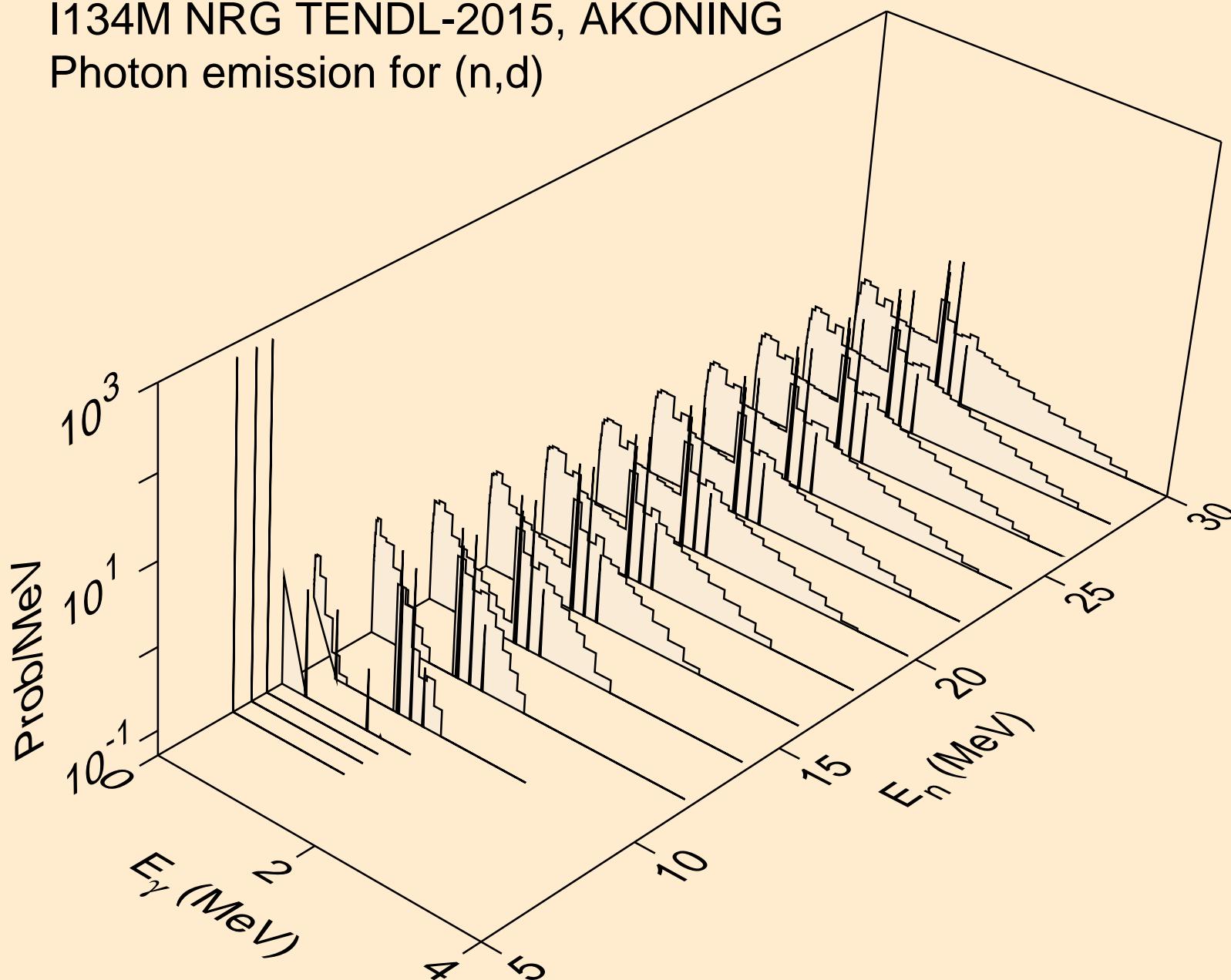
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Photon emission for (n,gma)



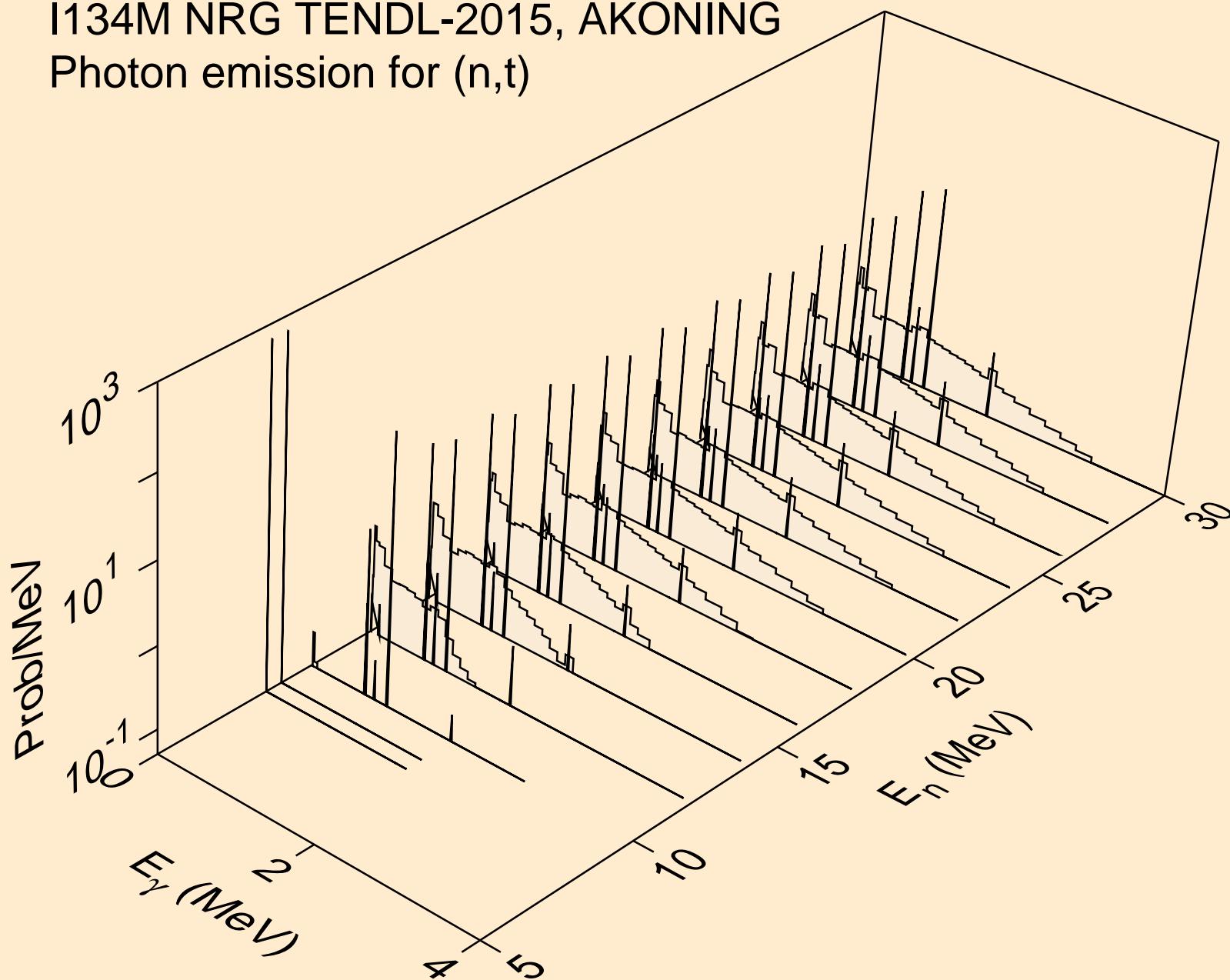
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Photon emission for (n,p)



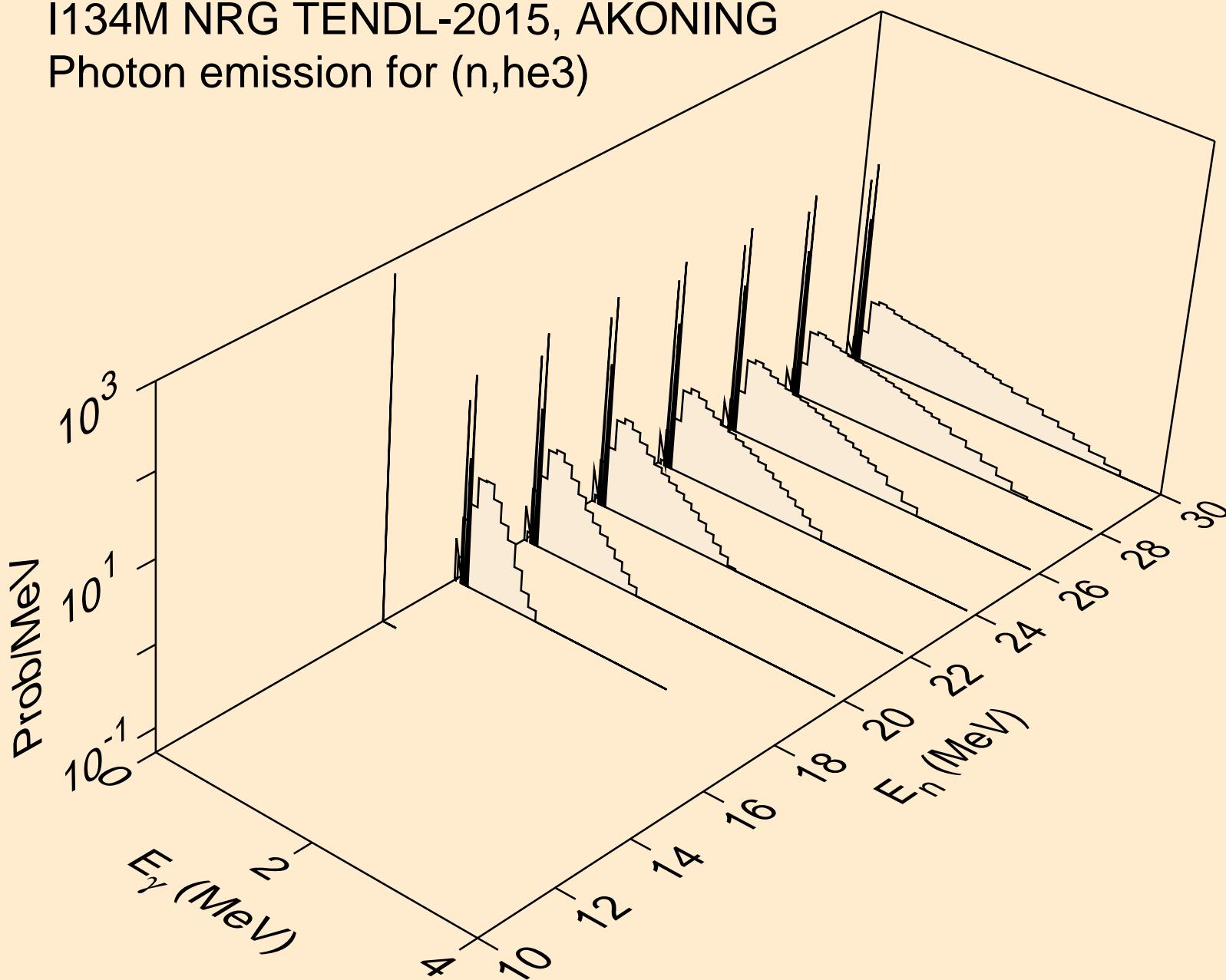
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Photon emission for (n,d)



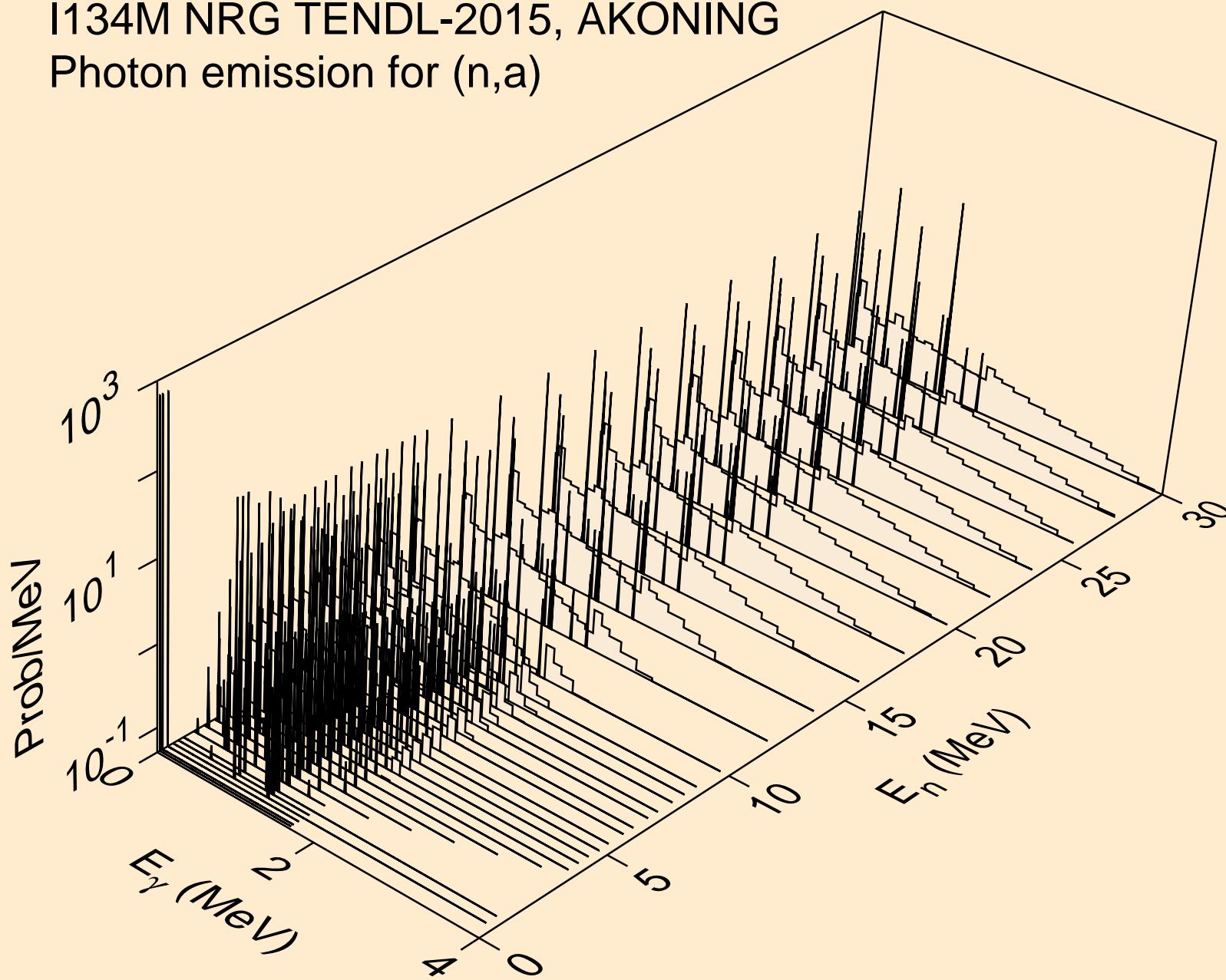
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Photon emission for (n,t)



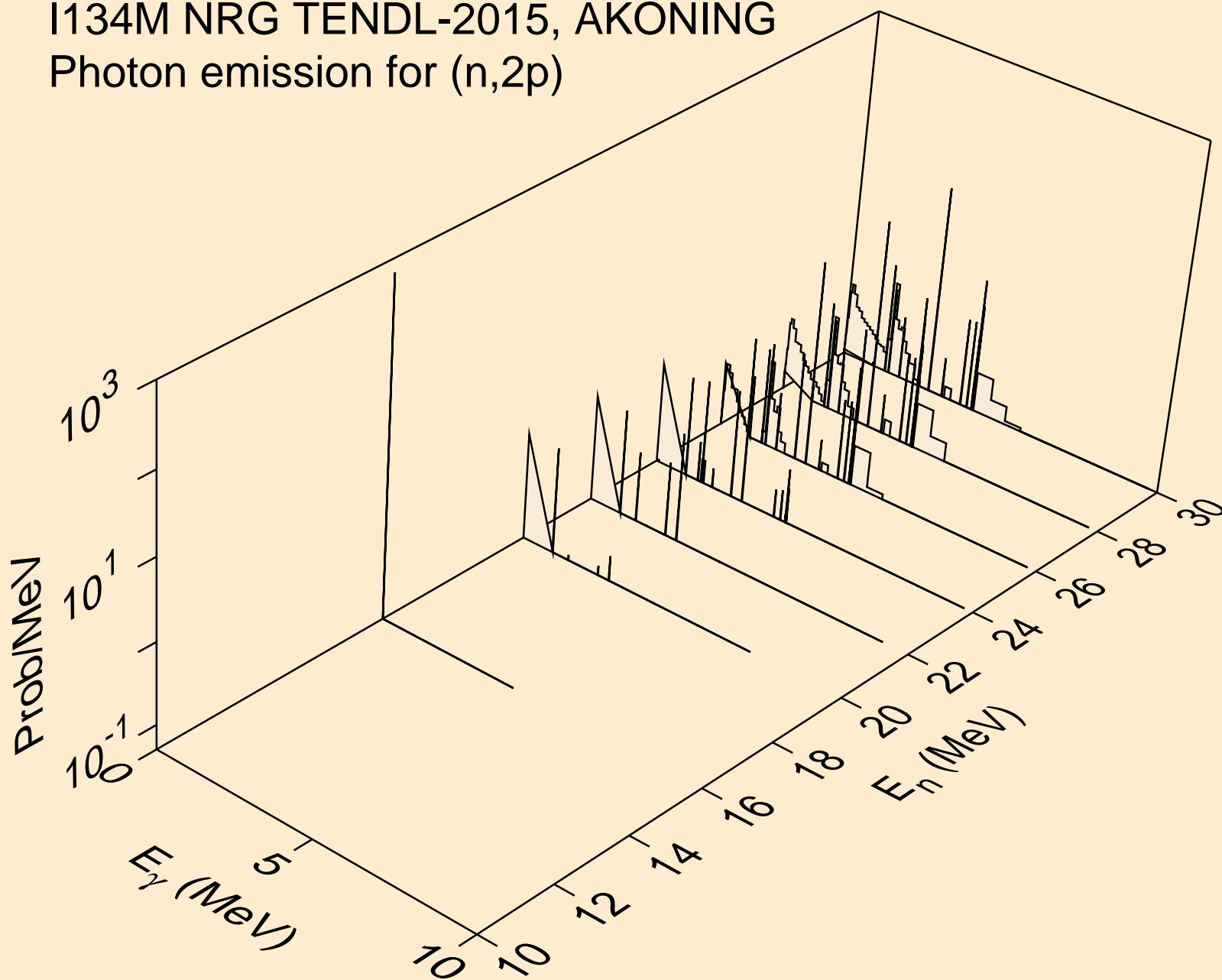
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Photon emission for (n,he3)



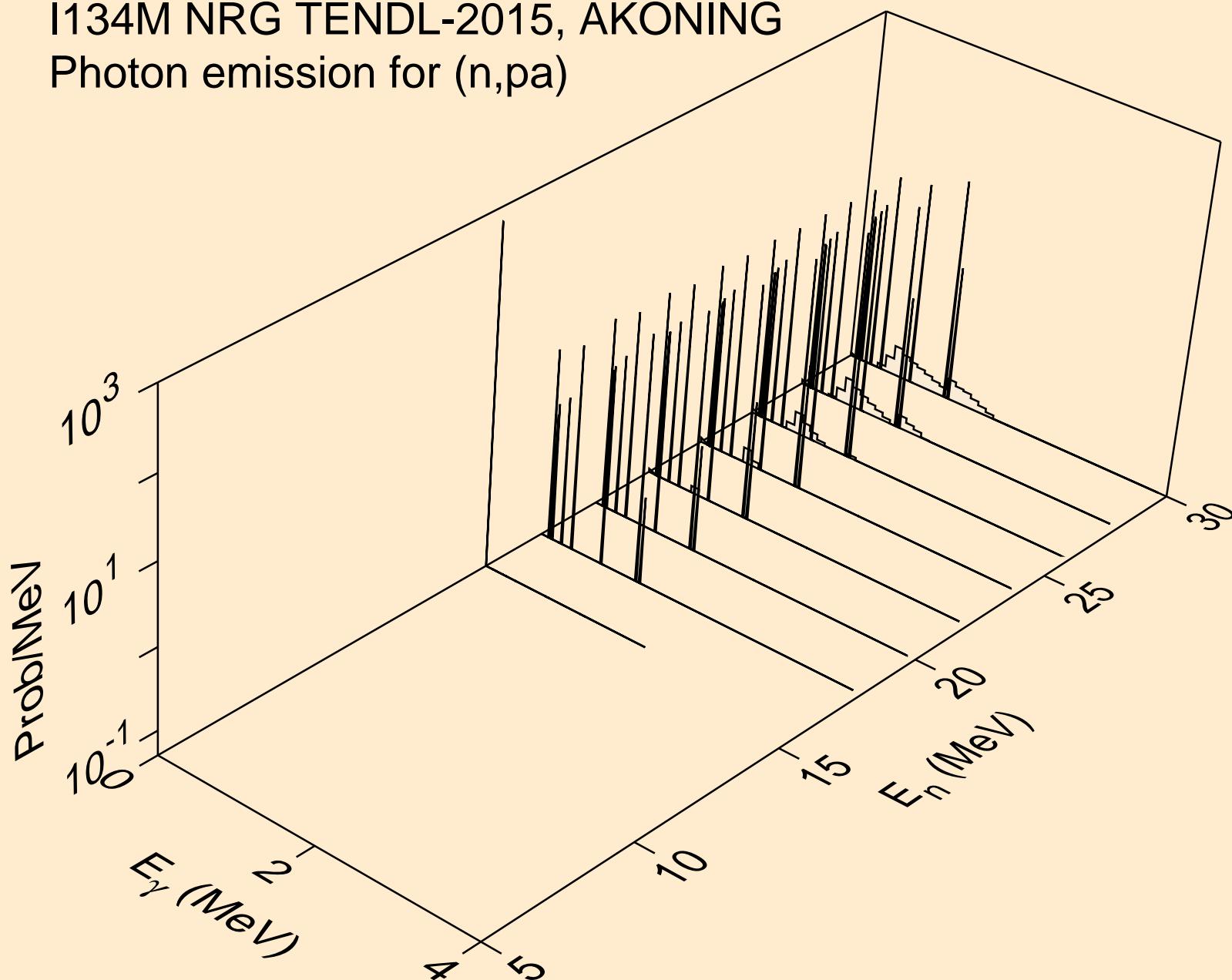
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Photon emission for (n,a)



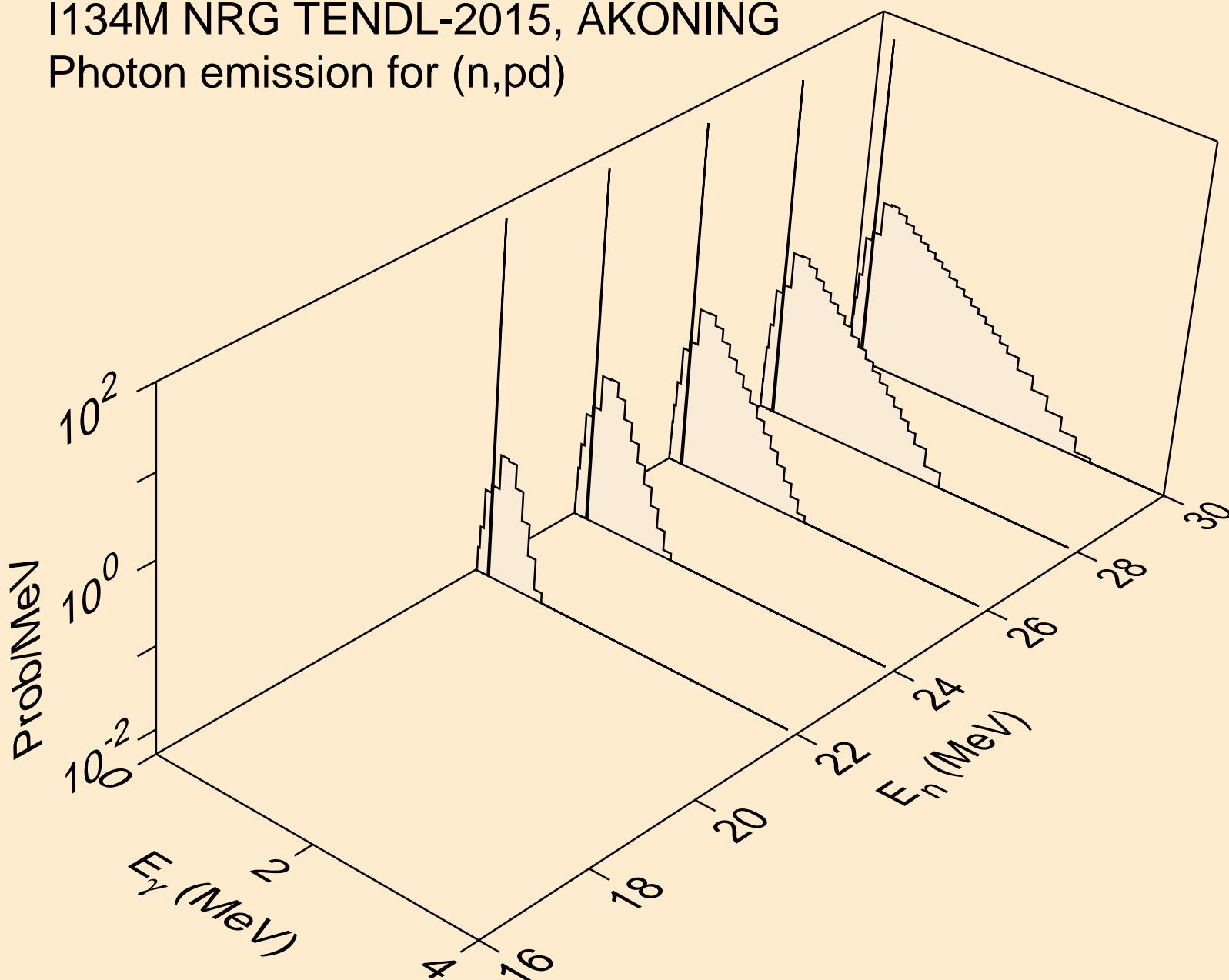
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Photon emission for (n,2p)



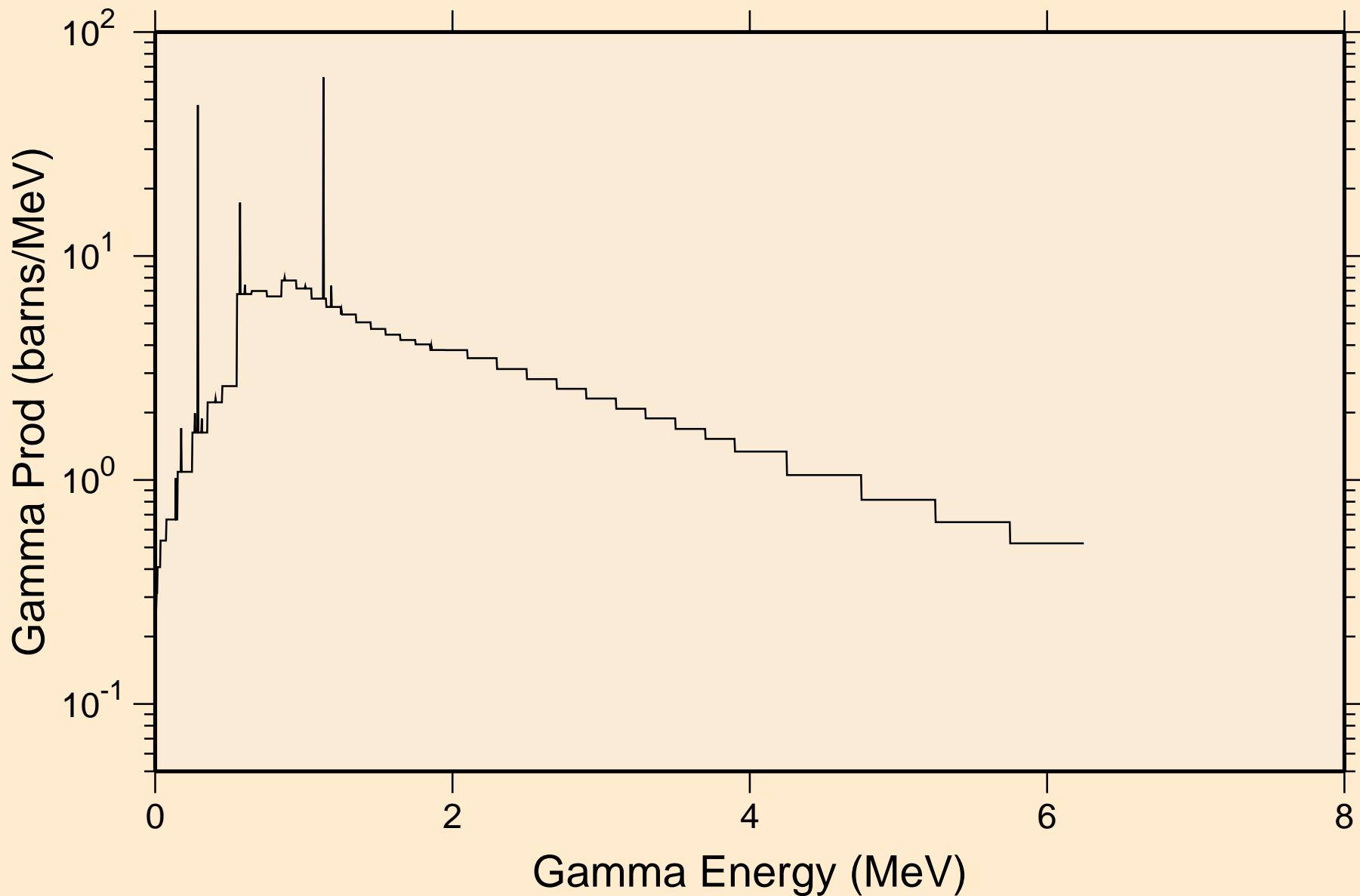
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Photon emission for (n,pa)



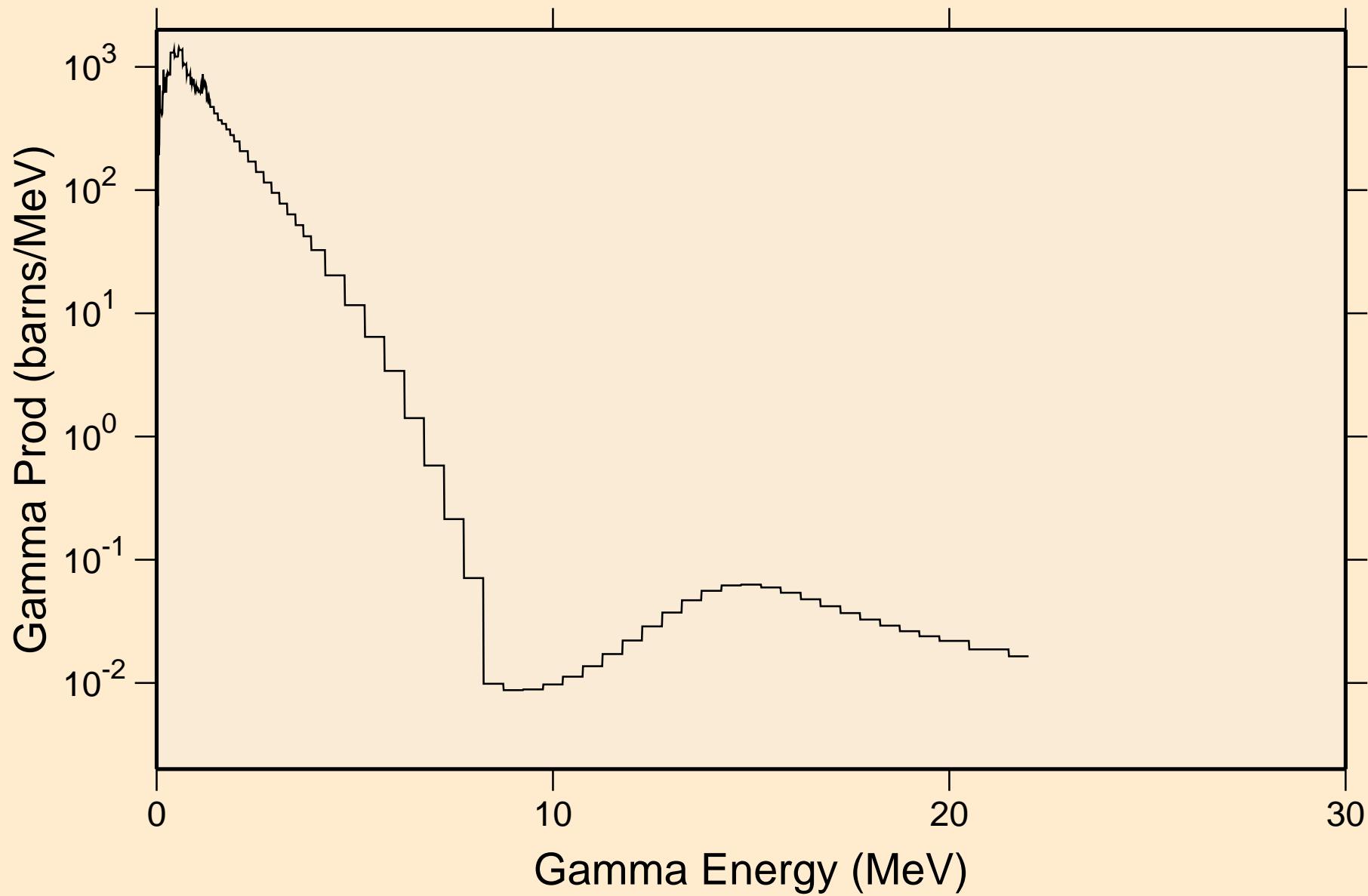
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Photon emission for (n,pd)



I134M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

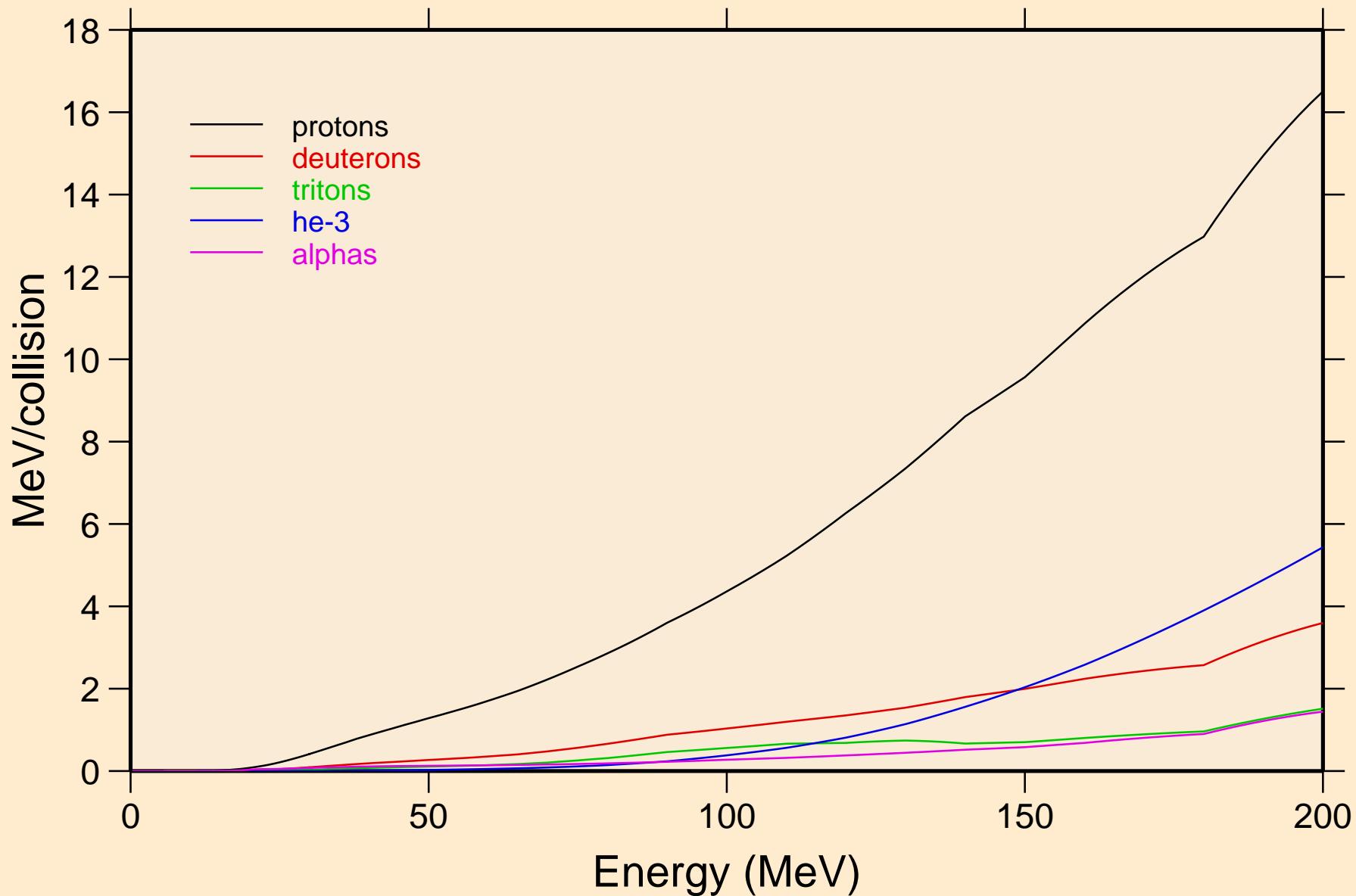


I134M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



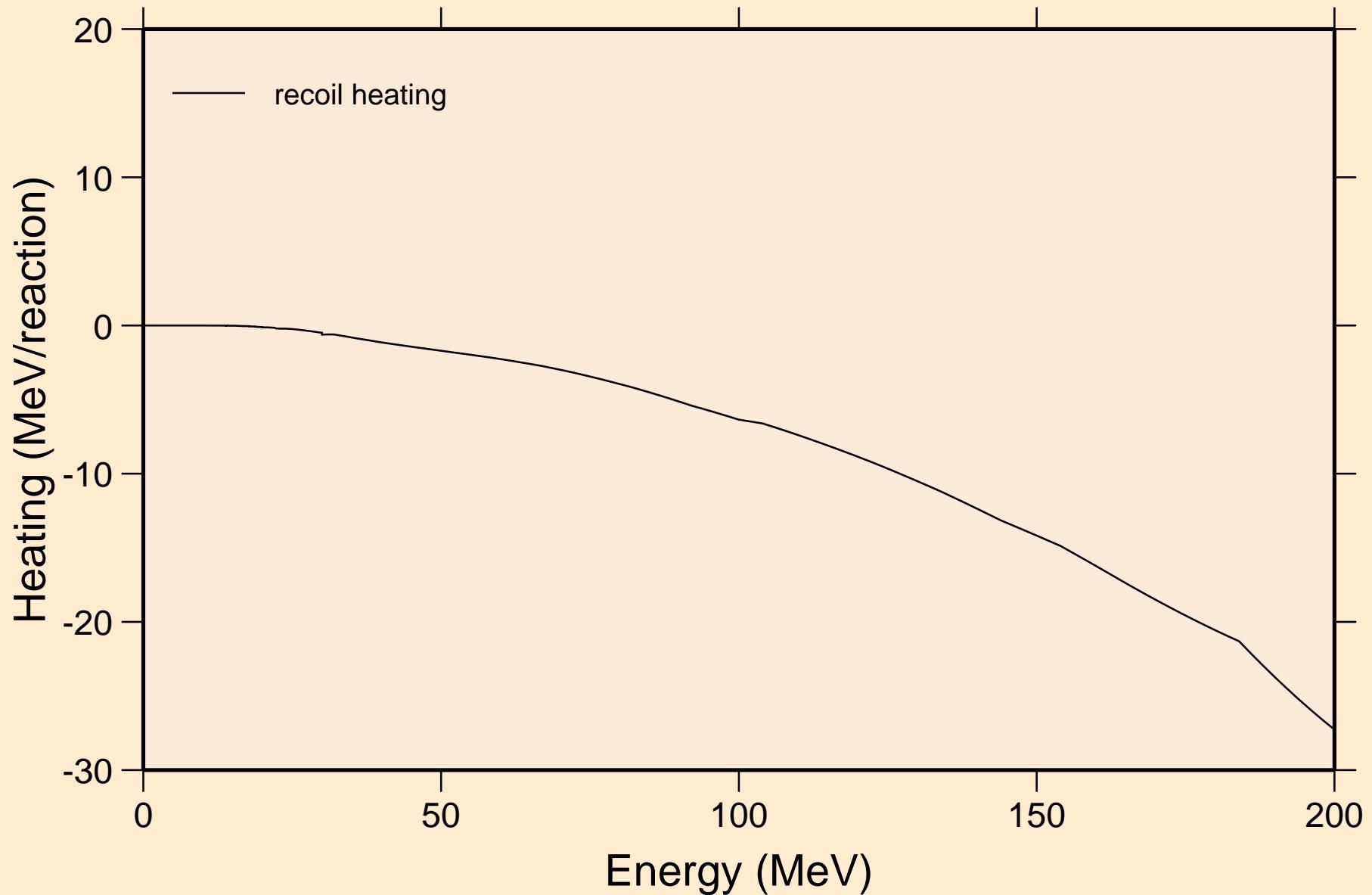
# I134M NRG TENDL-2015, AKONING

## Particle heating contributions

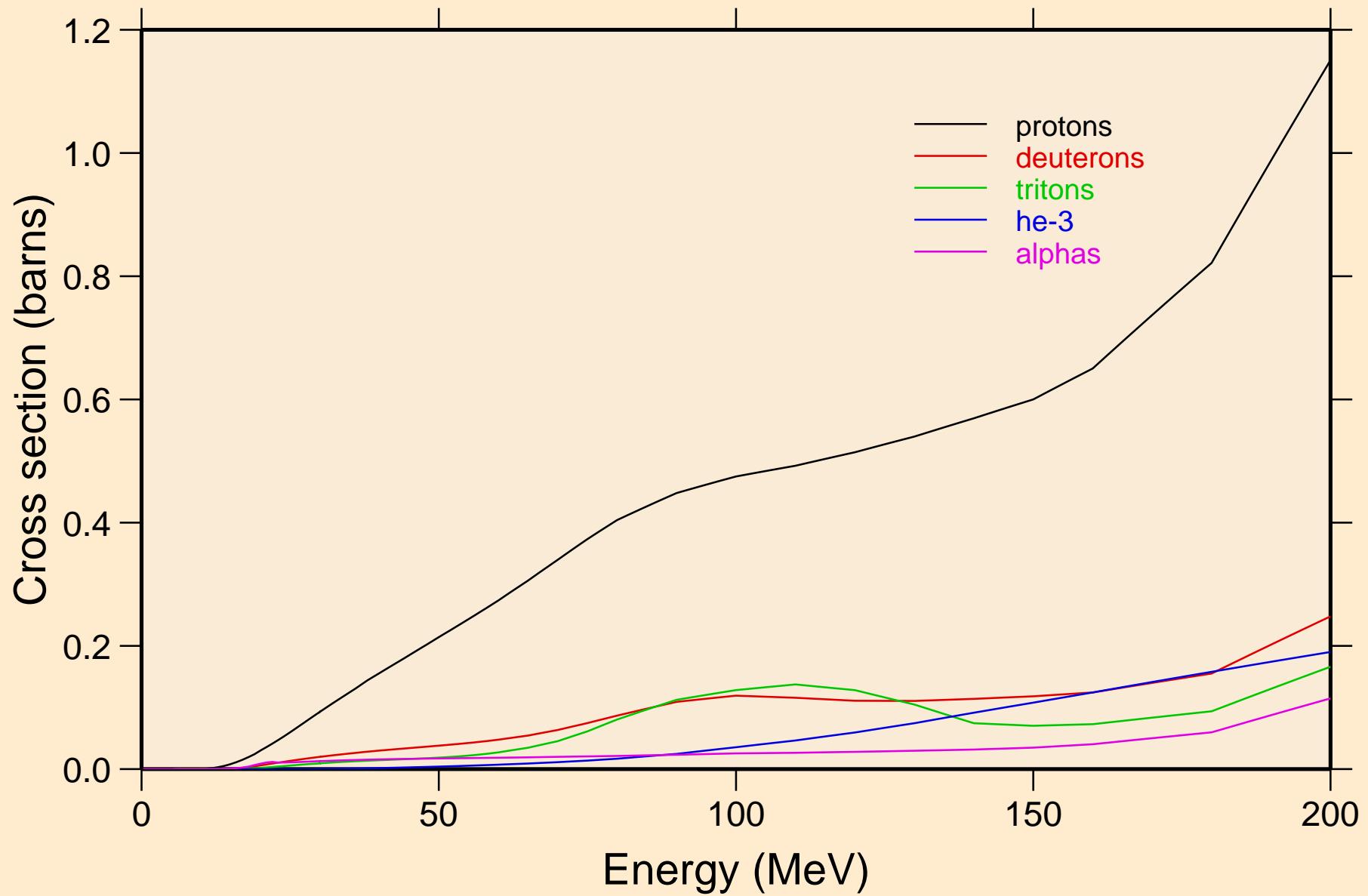


# I134M NRG TENDL-2015, AKONING

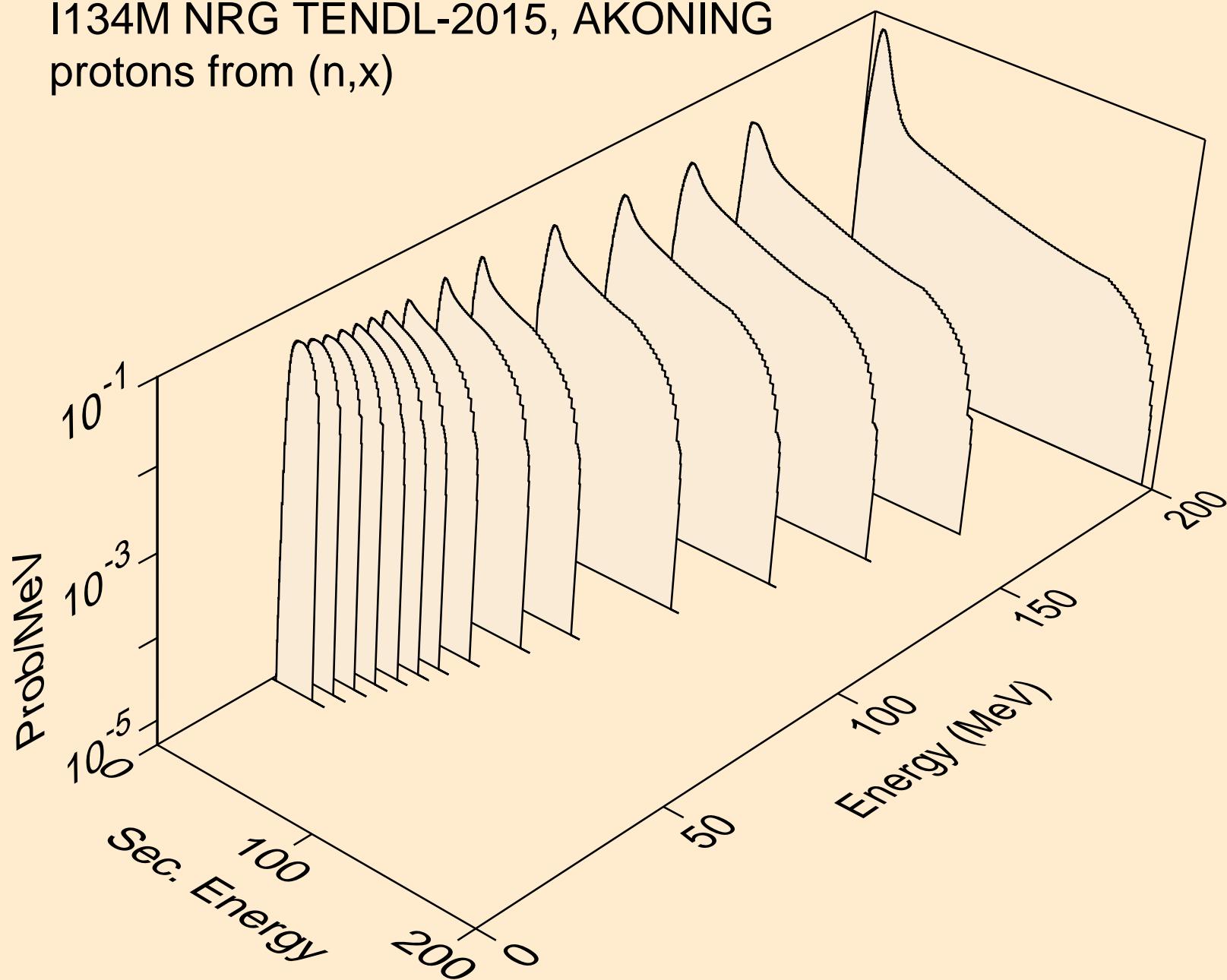
## Recoil Heating



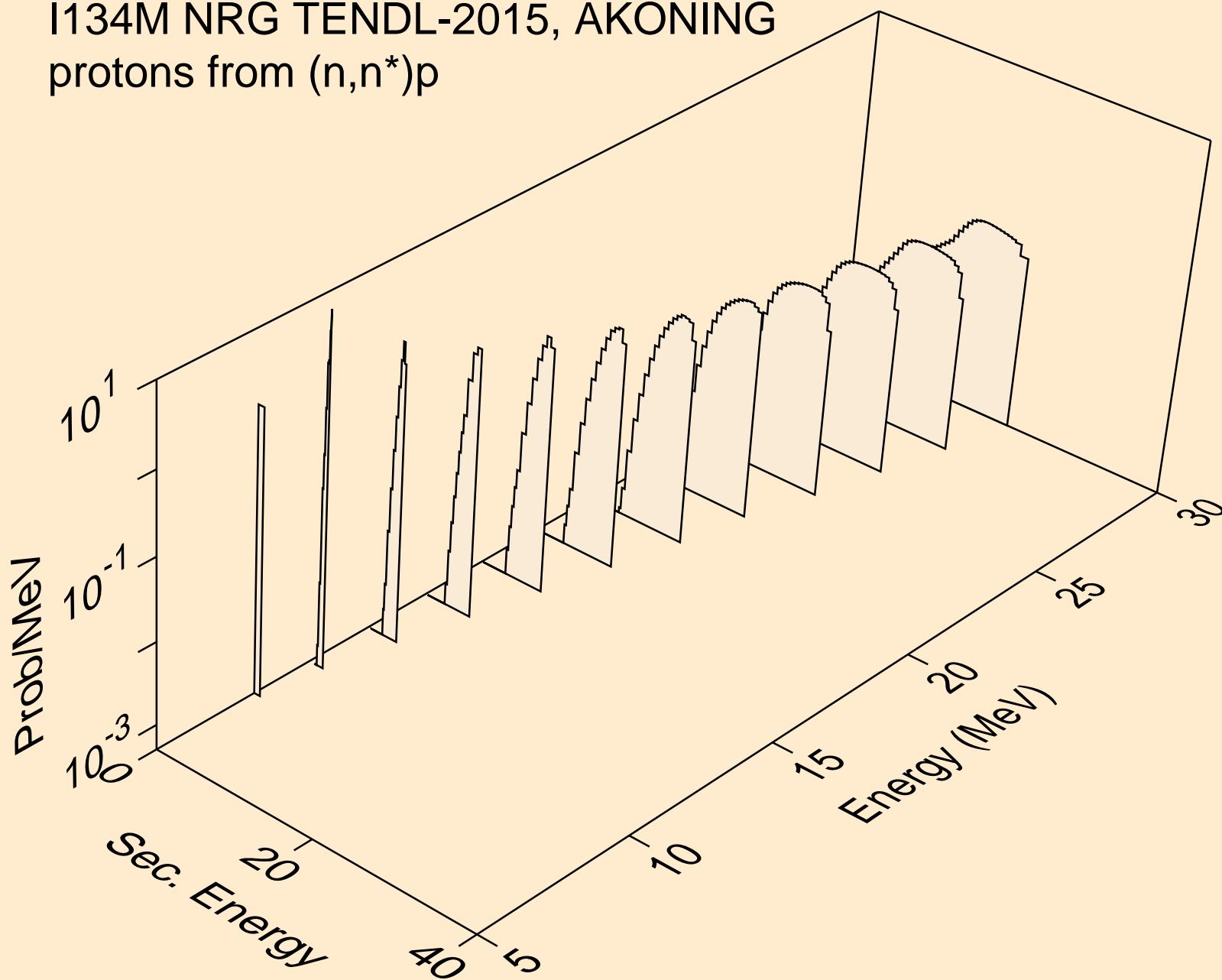
I134M NRG TENDL-2015, AKONING  
Particle production cross sections



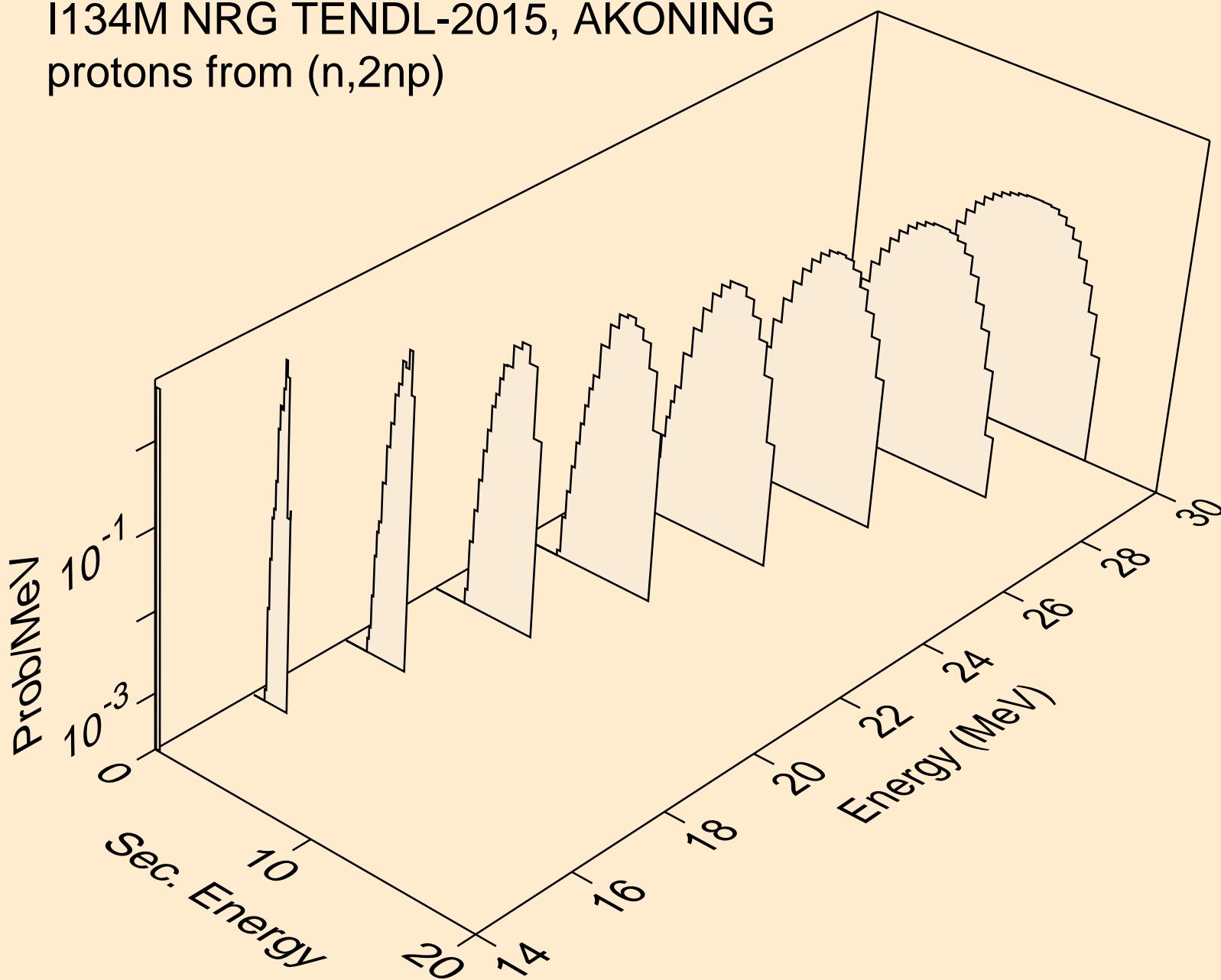
I134M NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



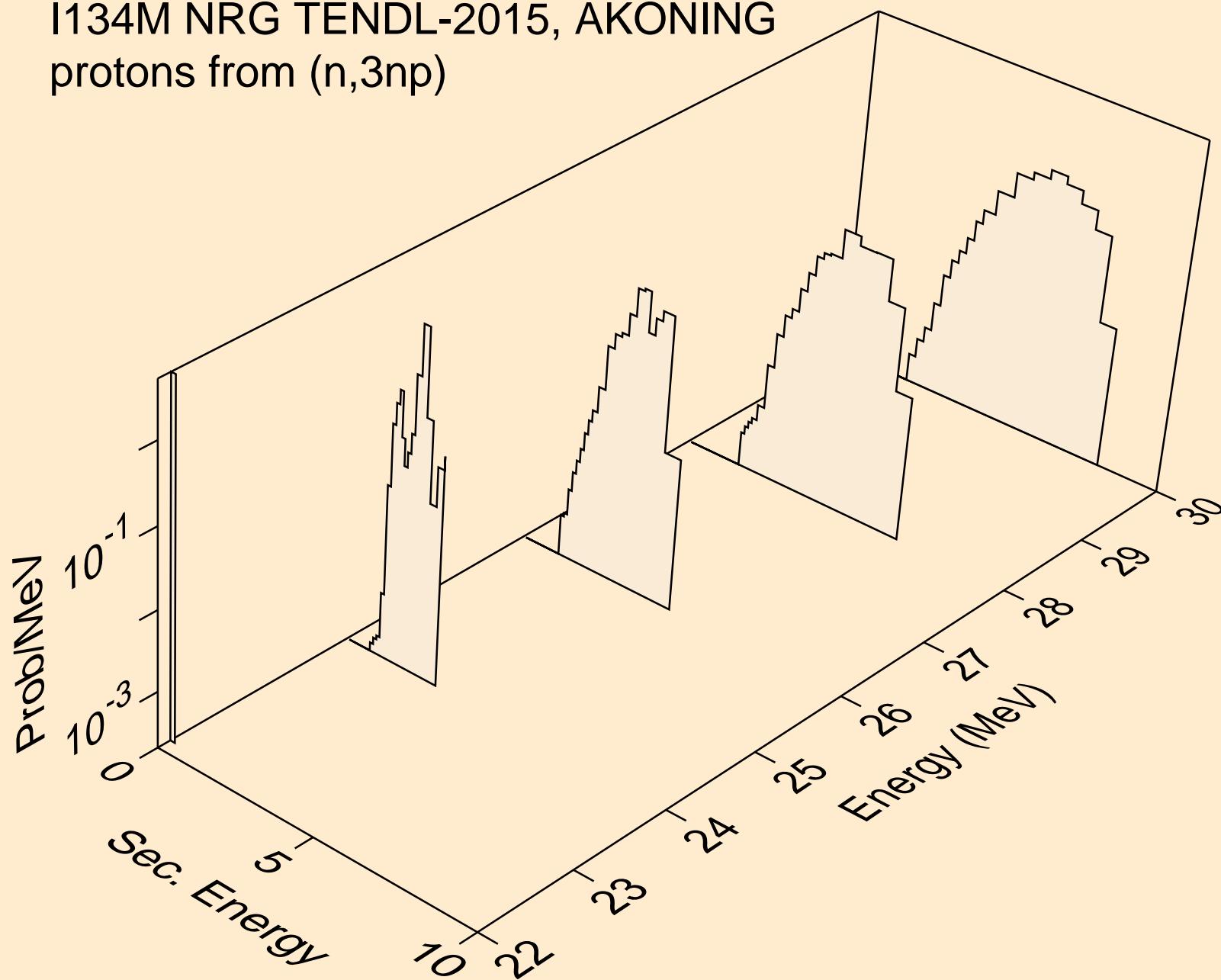
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protons from  $(n,n^*)p$



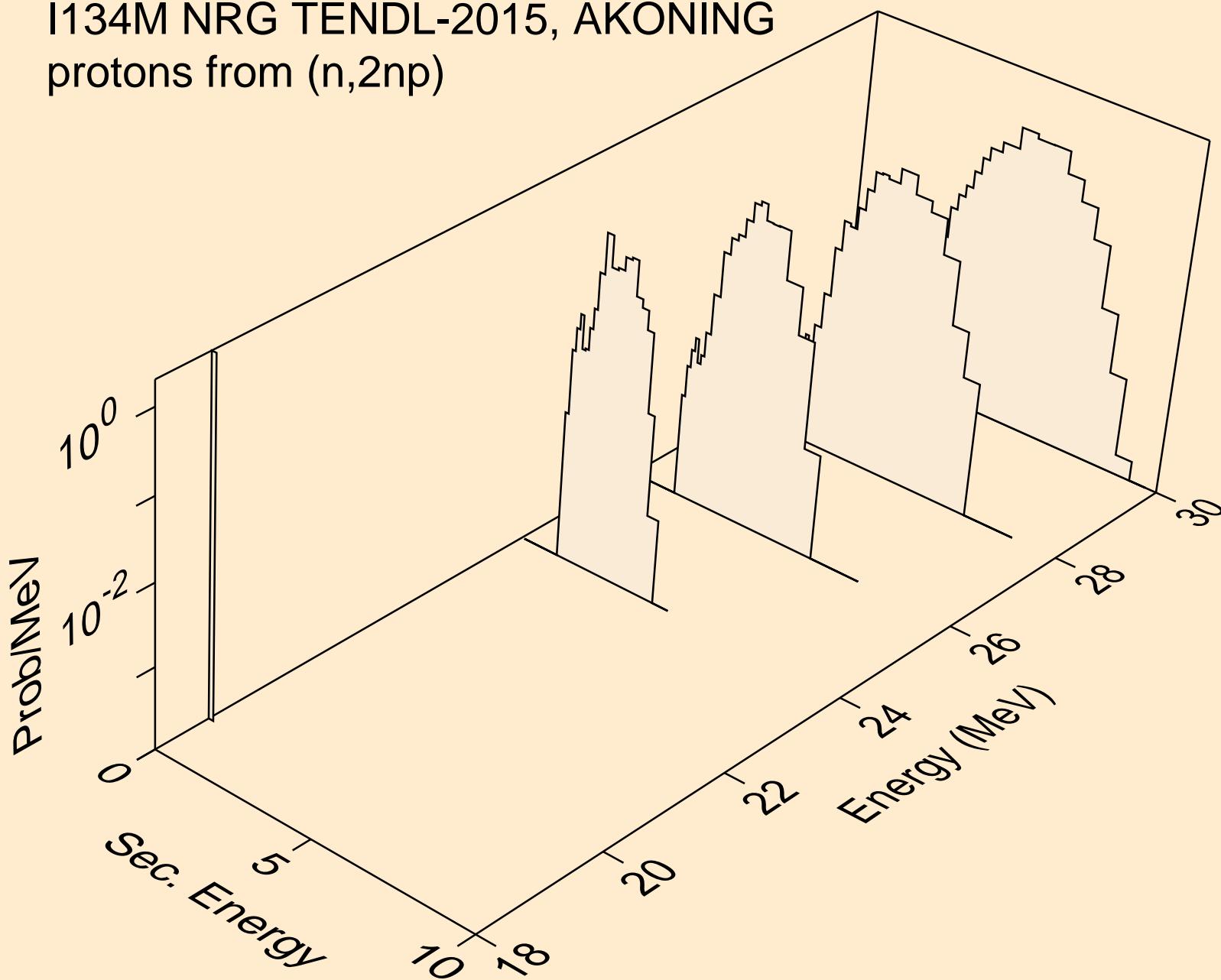
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protons from ( $n,2np$ )



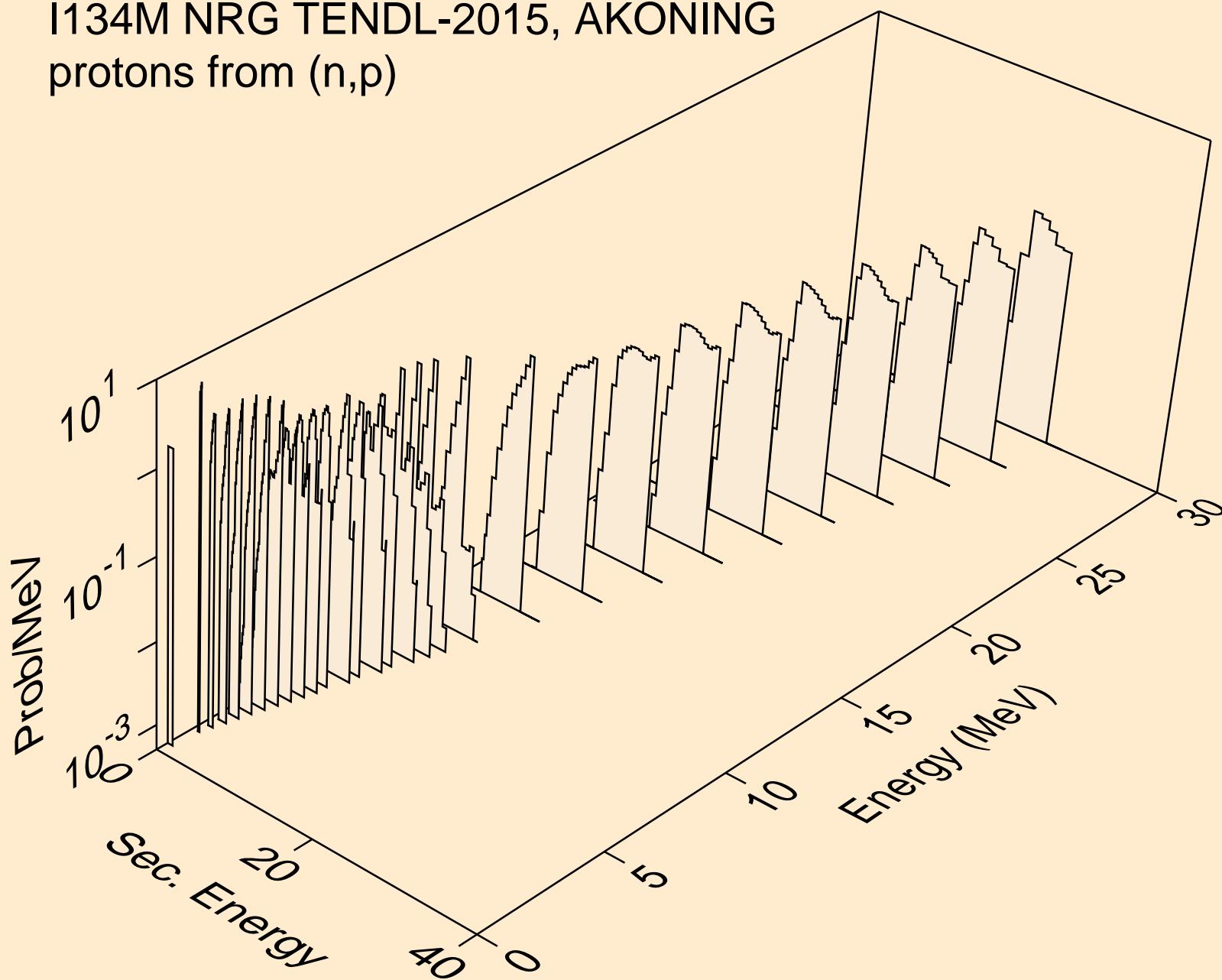
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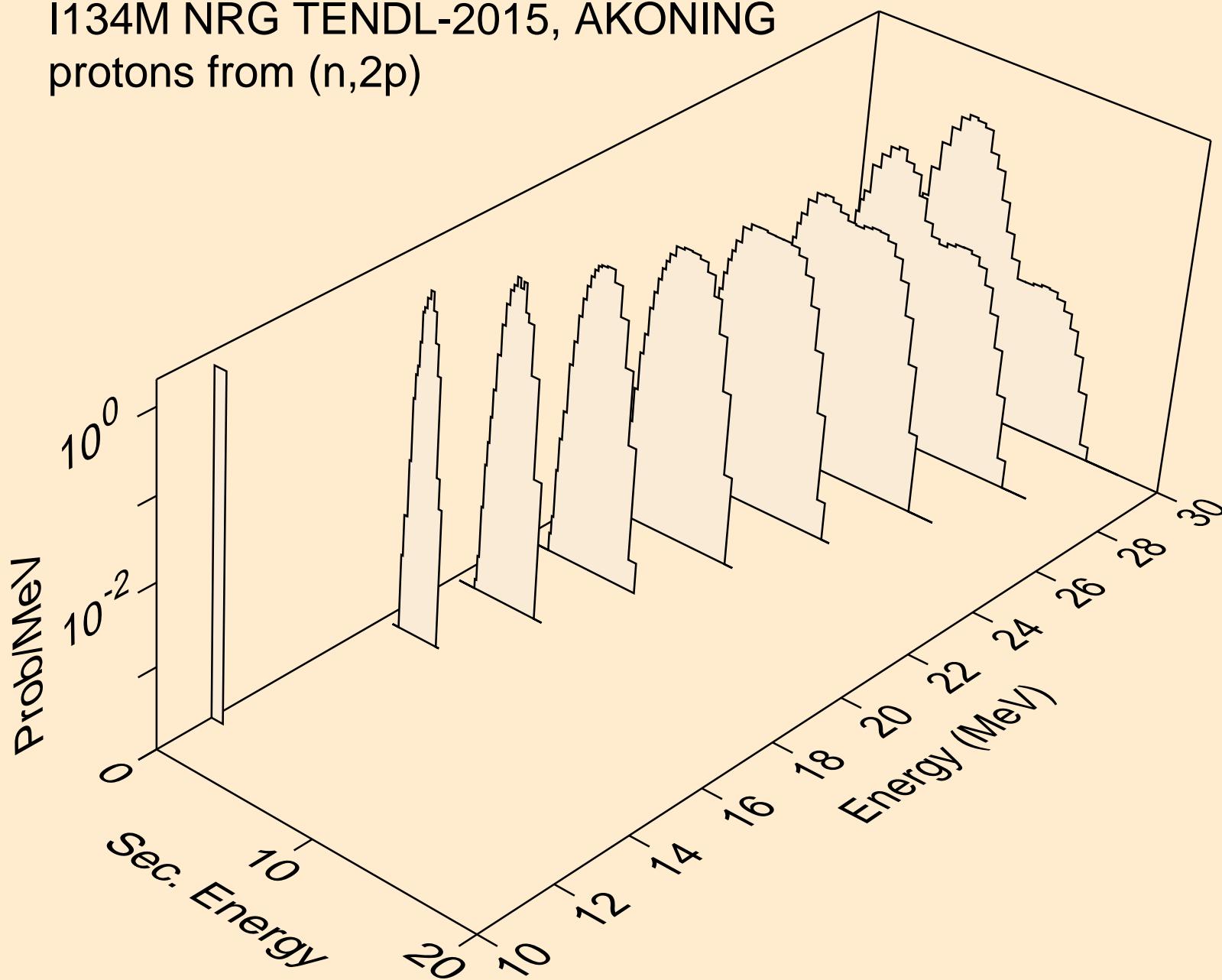
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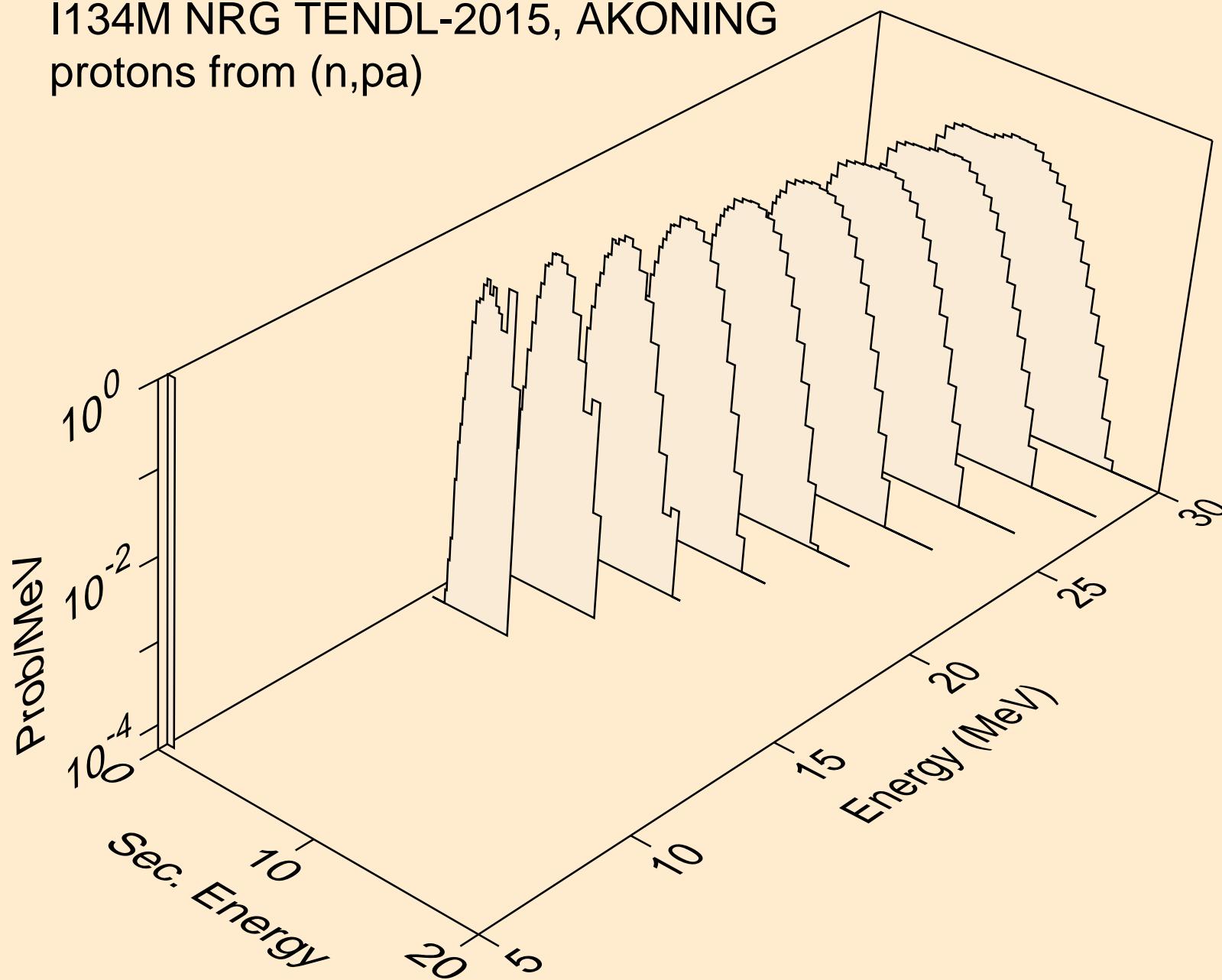
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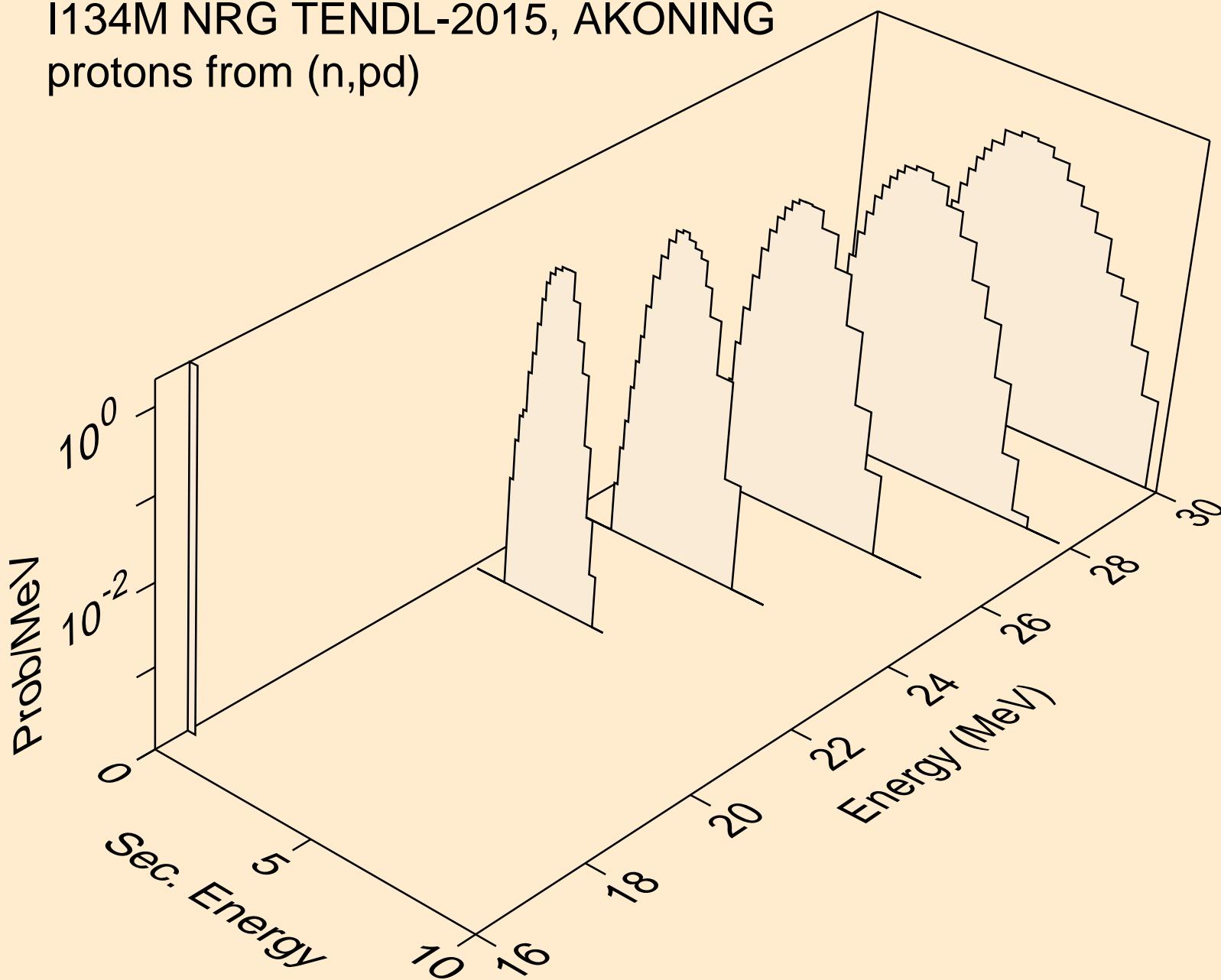
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protons from ( $n,2p$ )



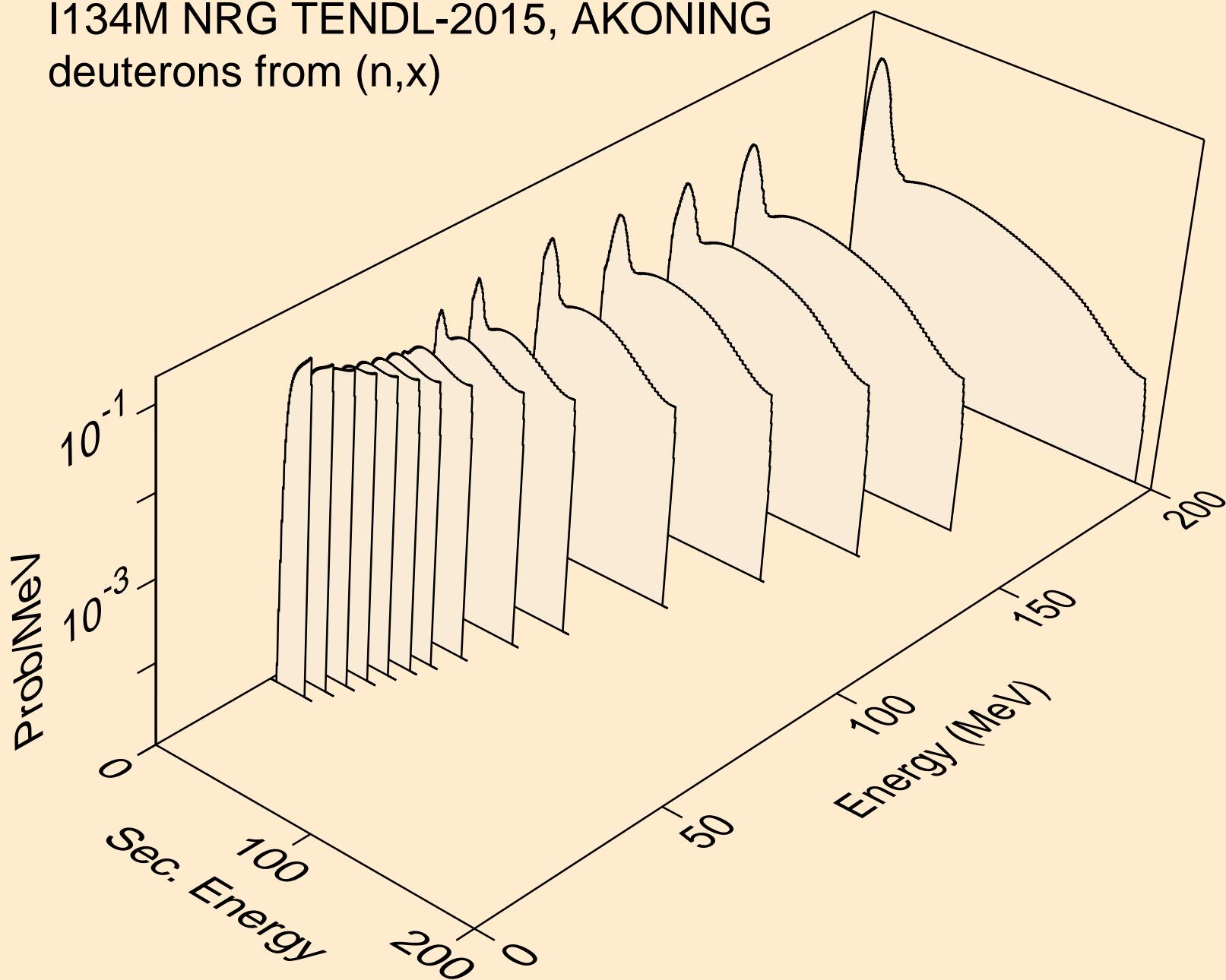
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protons from (n,pa)



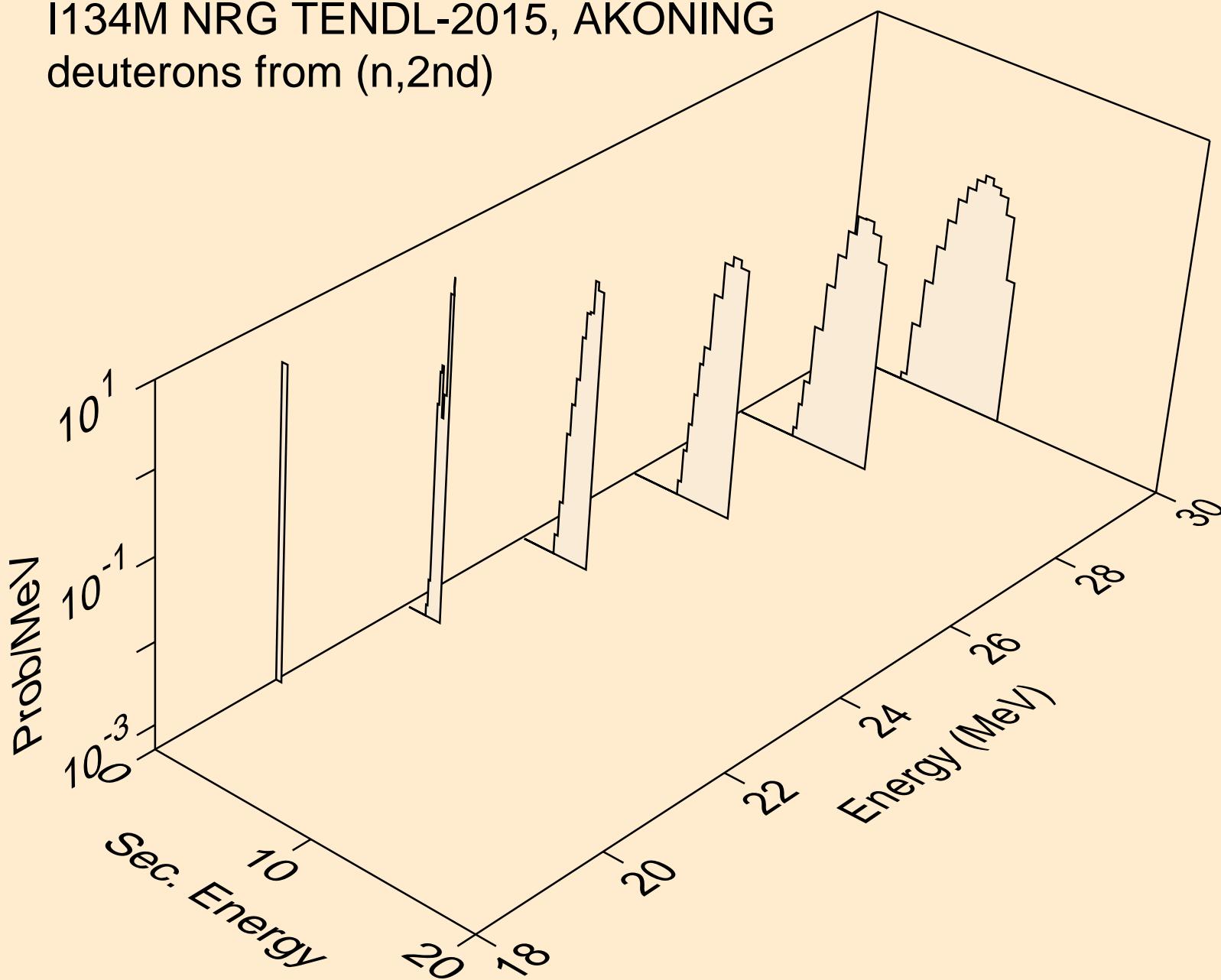
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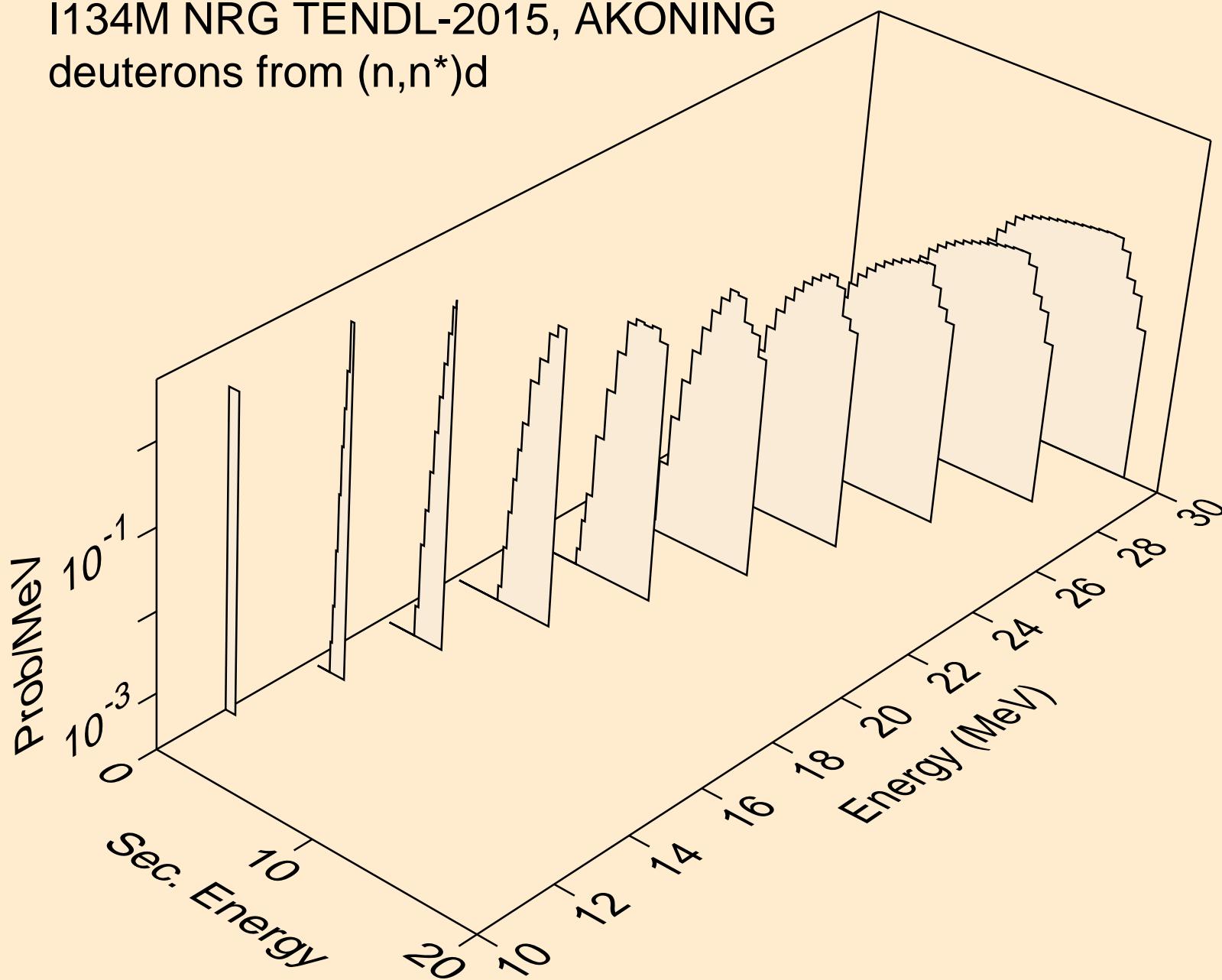
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deuterons from ( $n, x$ )



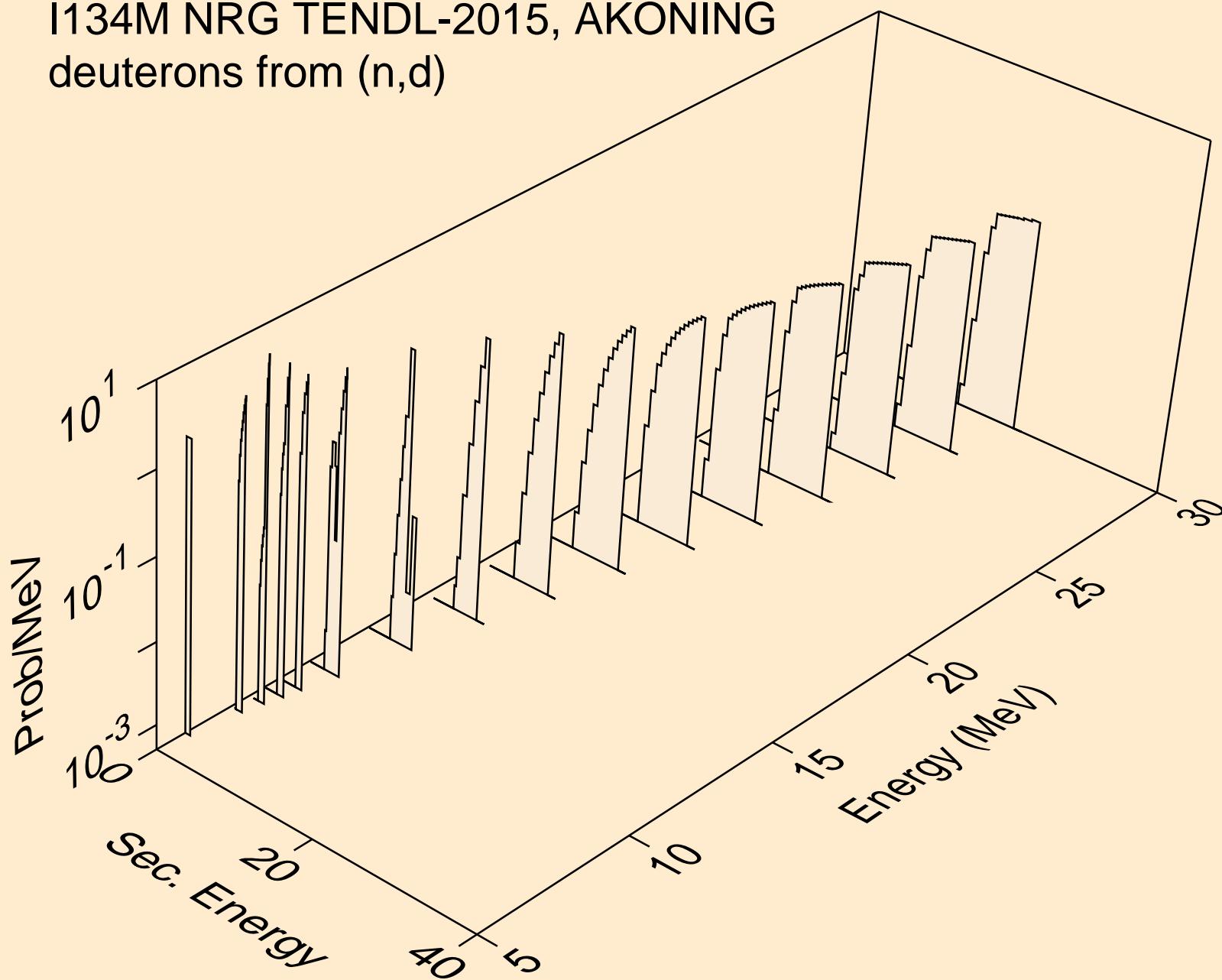
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deuterons from ( $n,2nd$ )



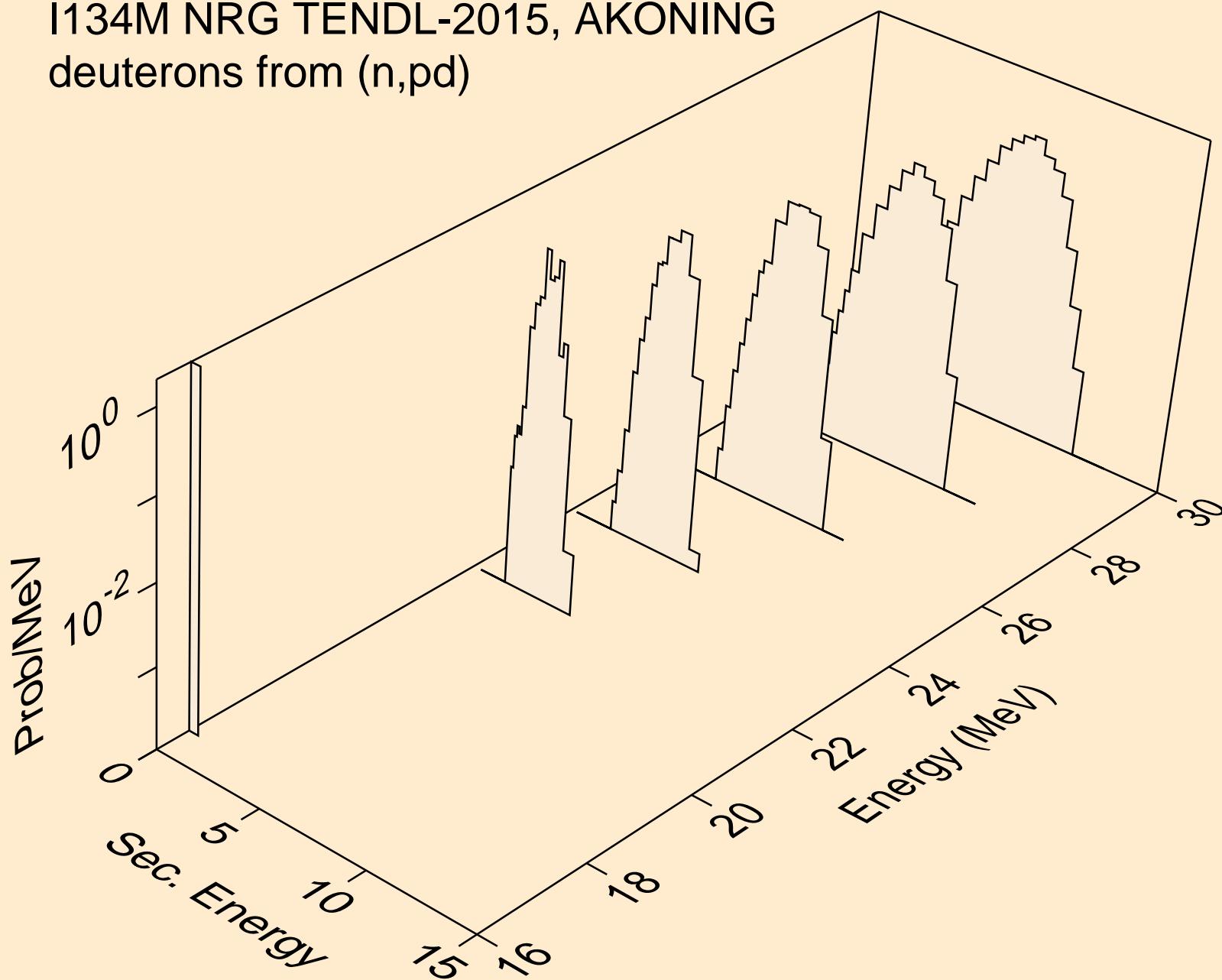
I134M NRG TENDL-2015, AKONING  
deuterons from ( $n, n^*$ )d



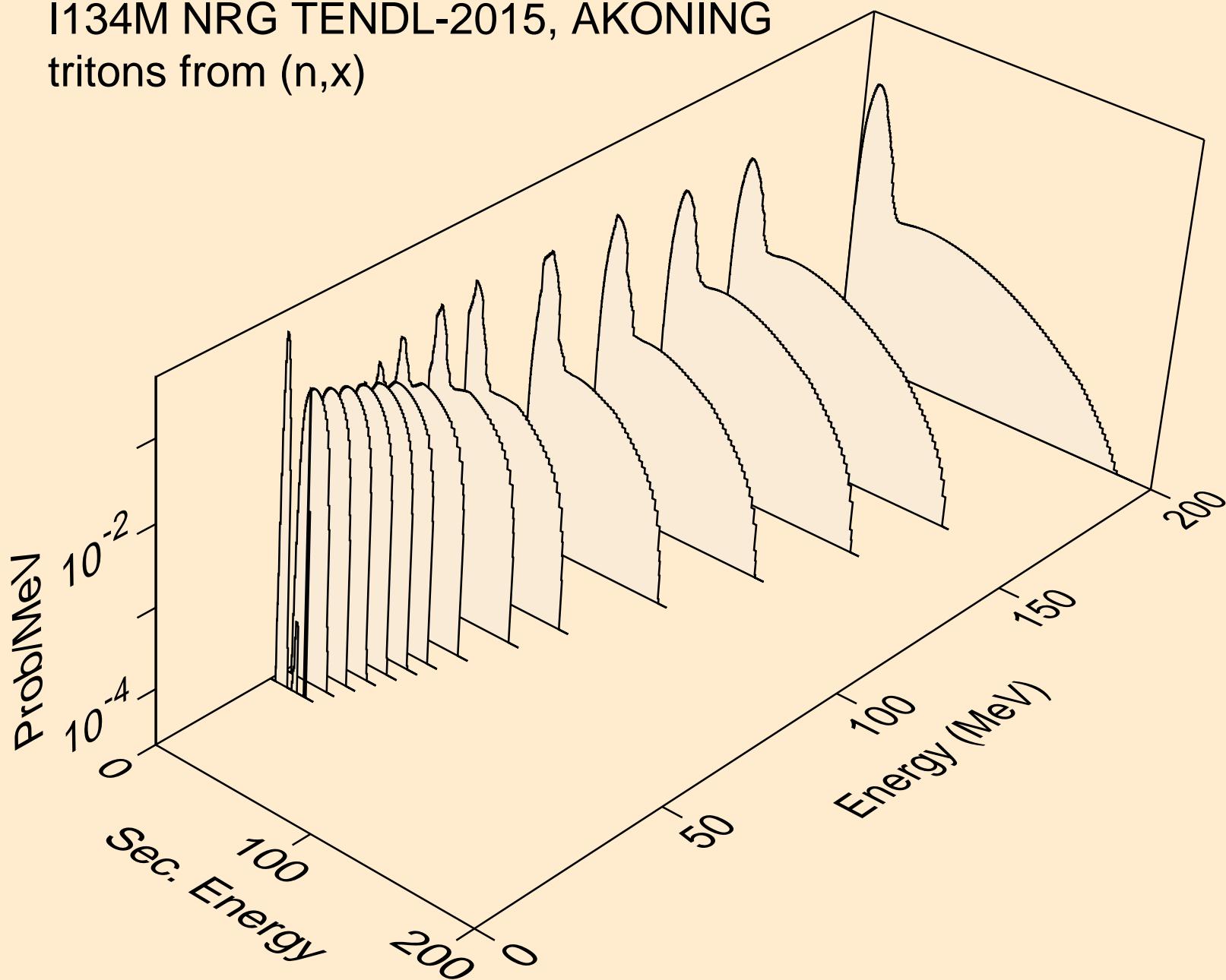
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deuterons from (n,d)



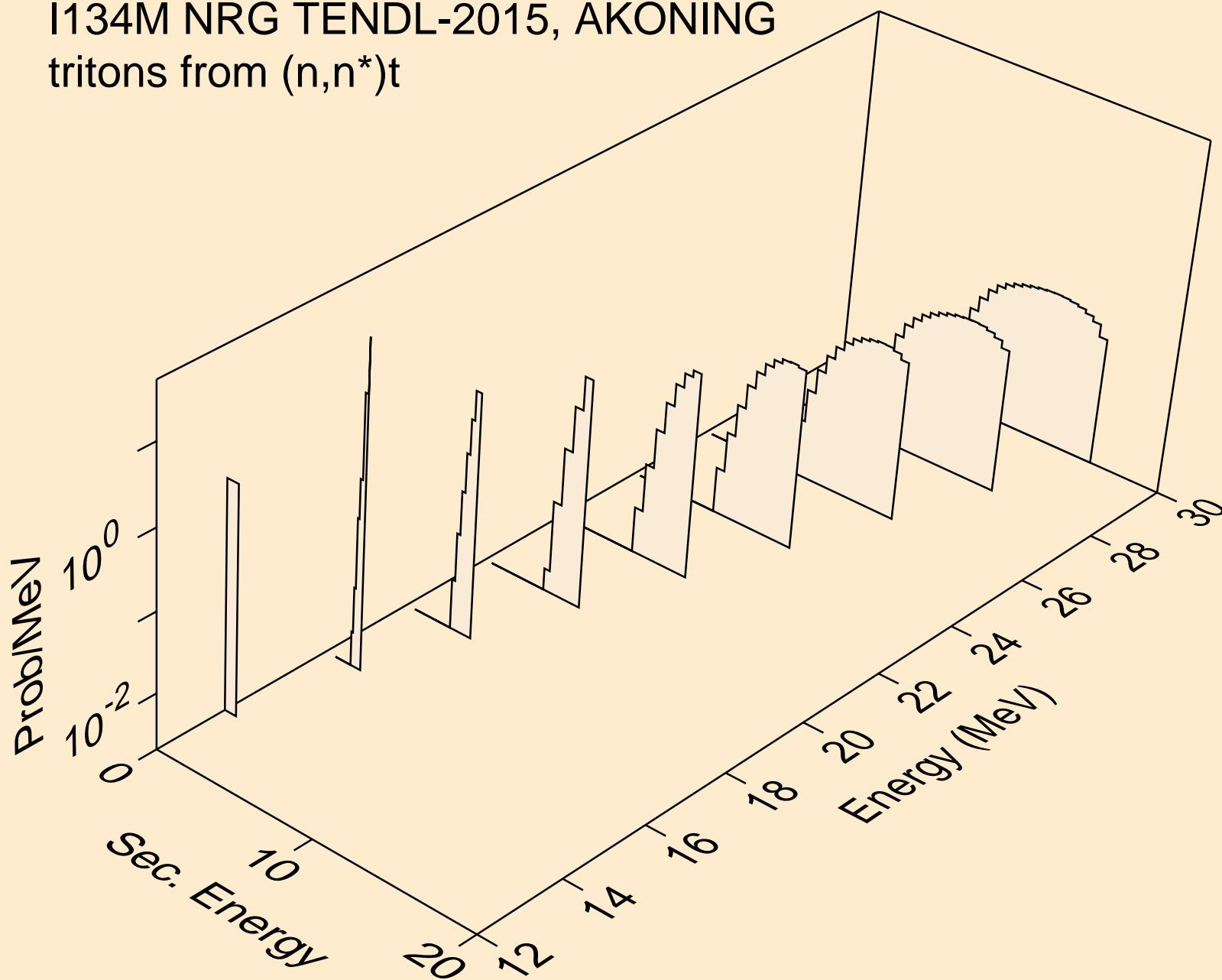
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deuterons from (n,pd)



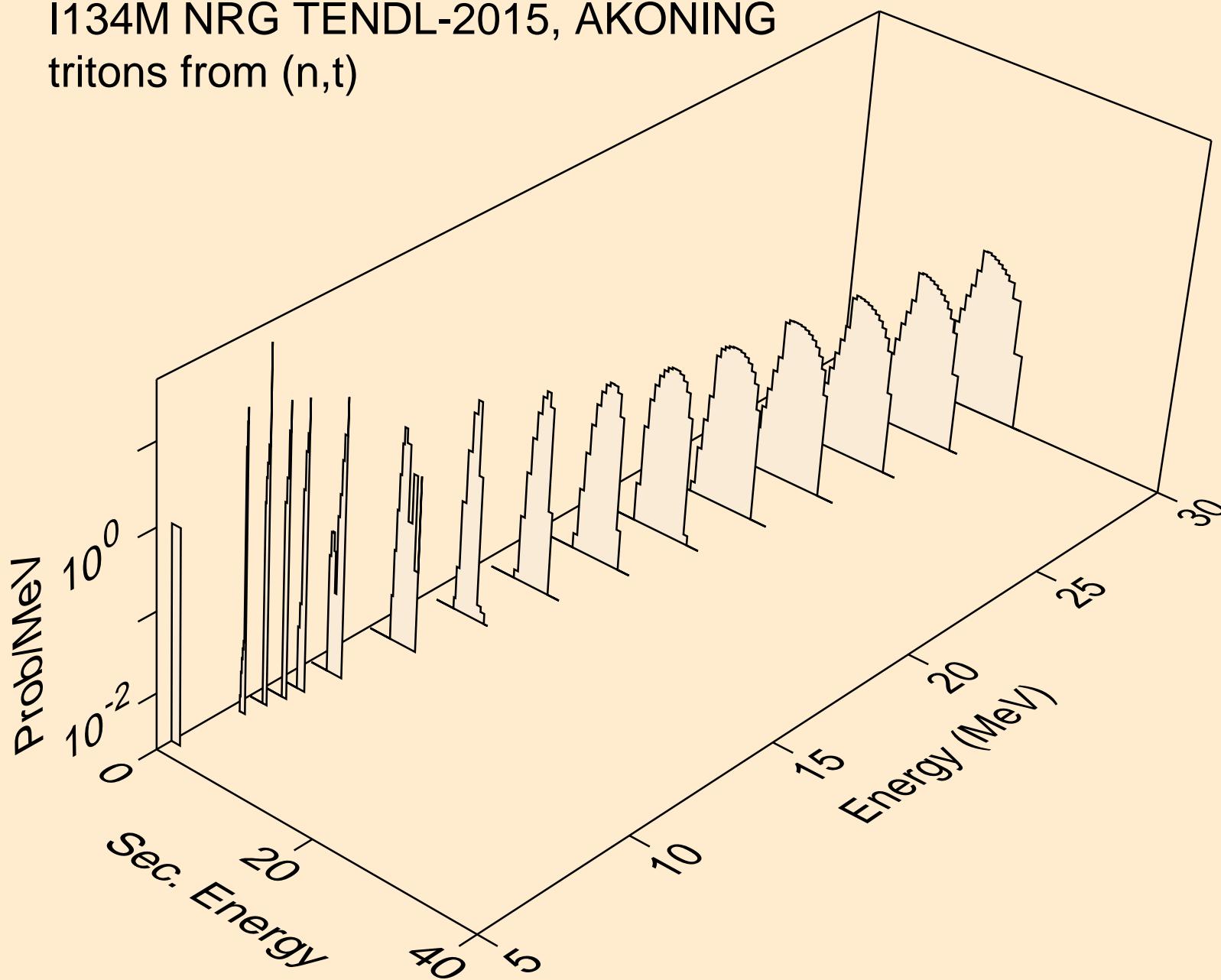
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tritons from (n,x)



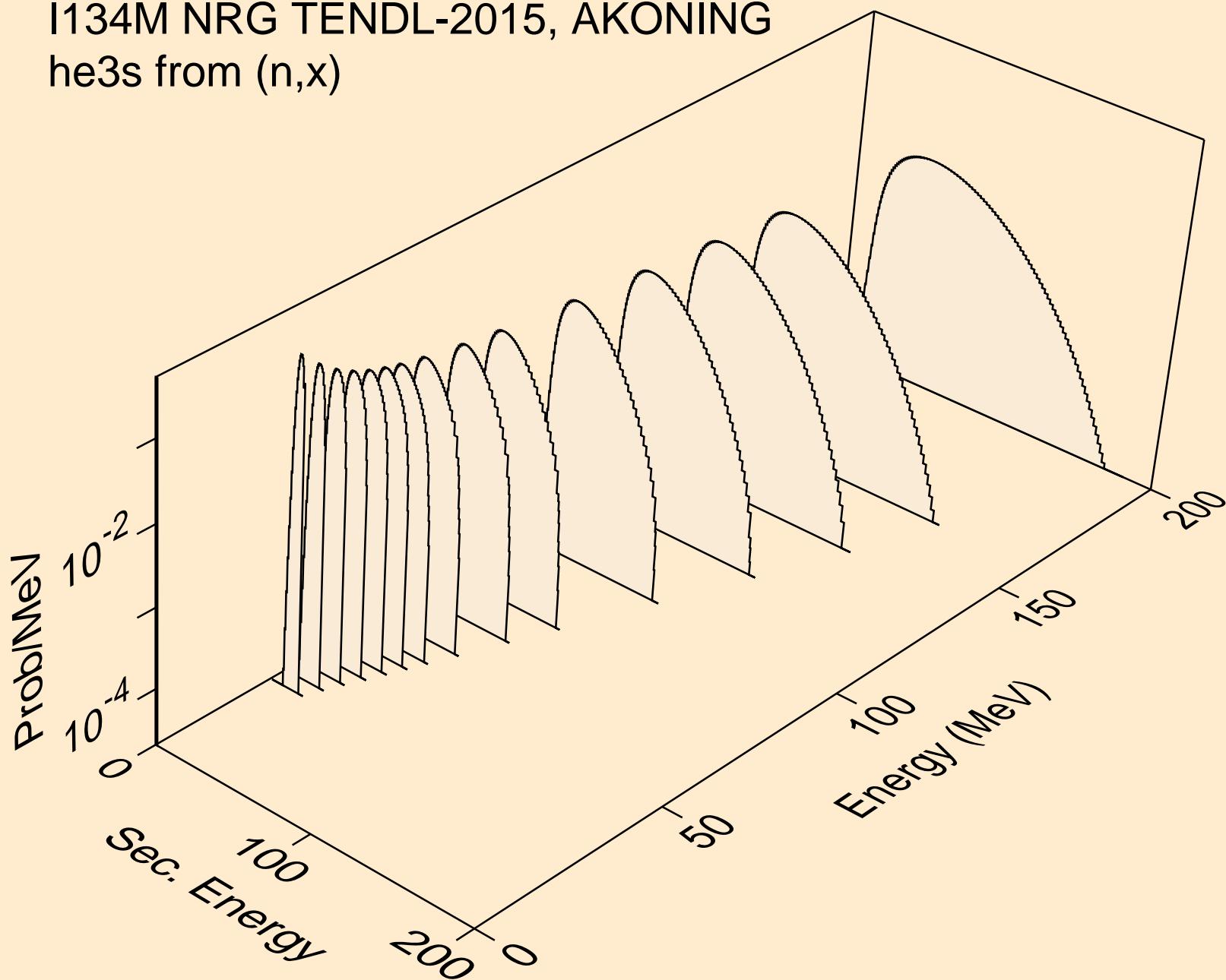
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tritons from  $(n,n^*)t$



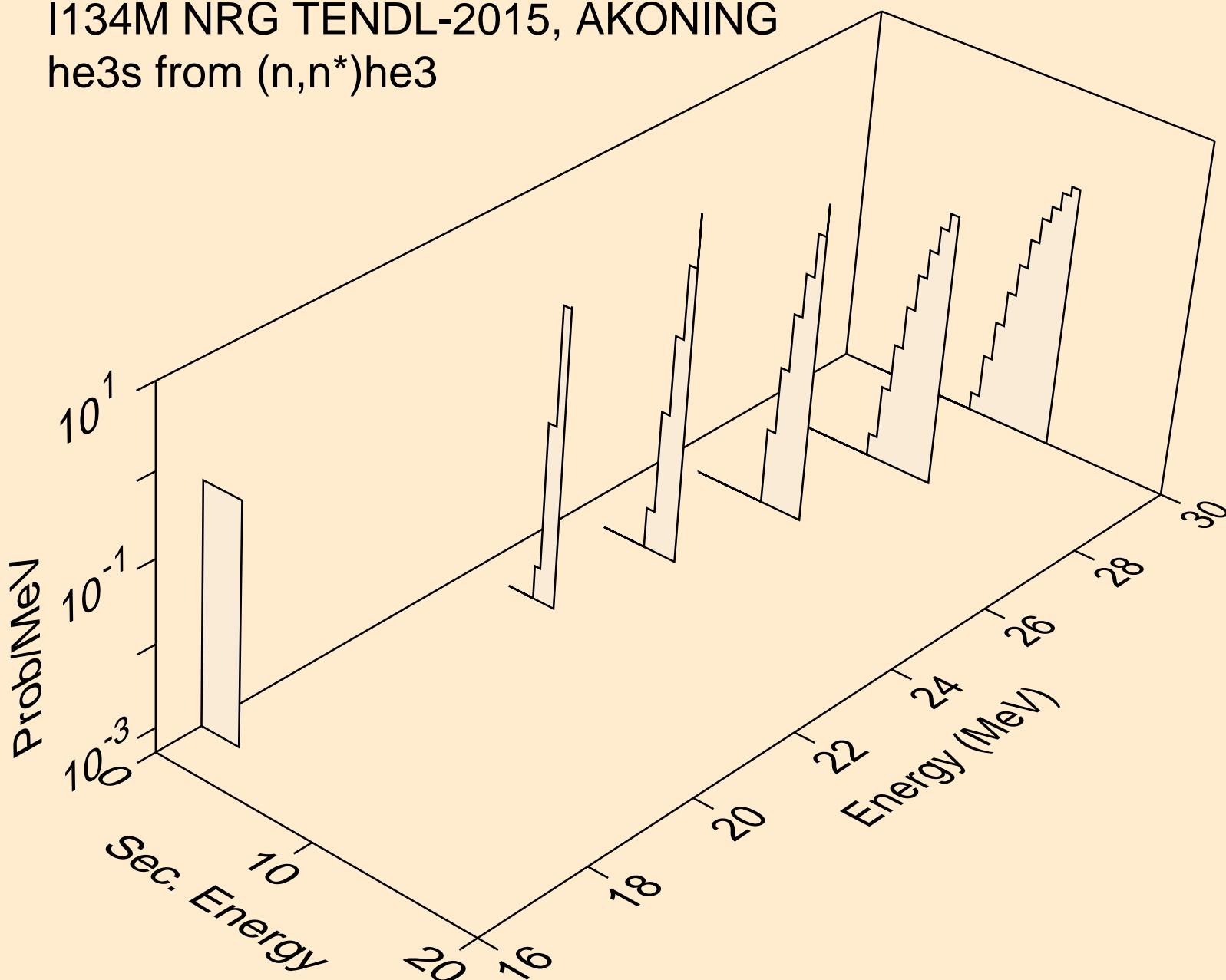
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tritons from (n,t)



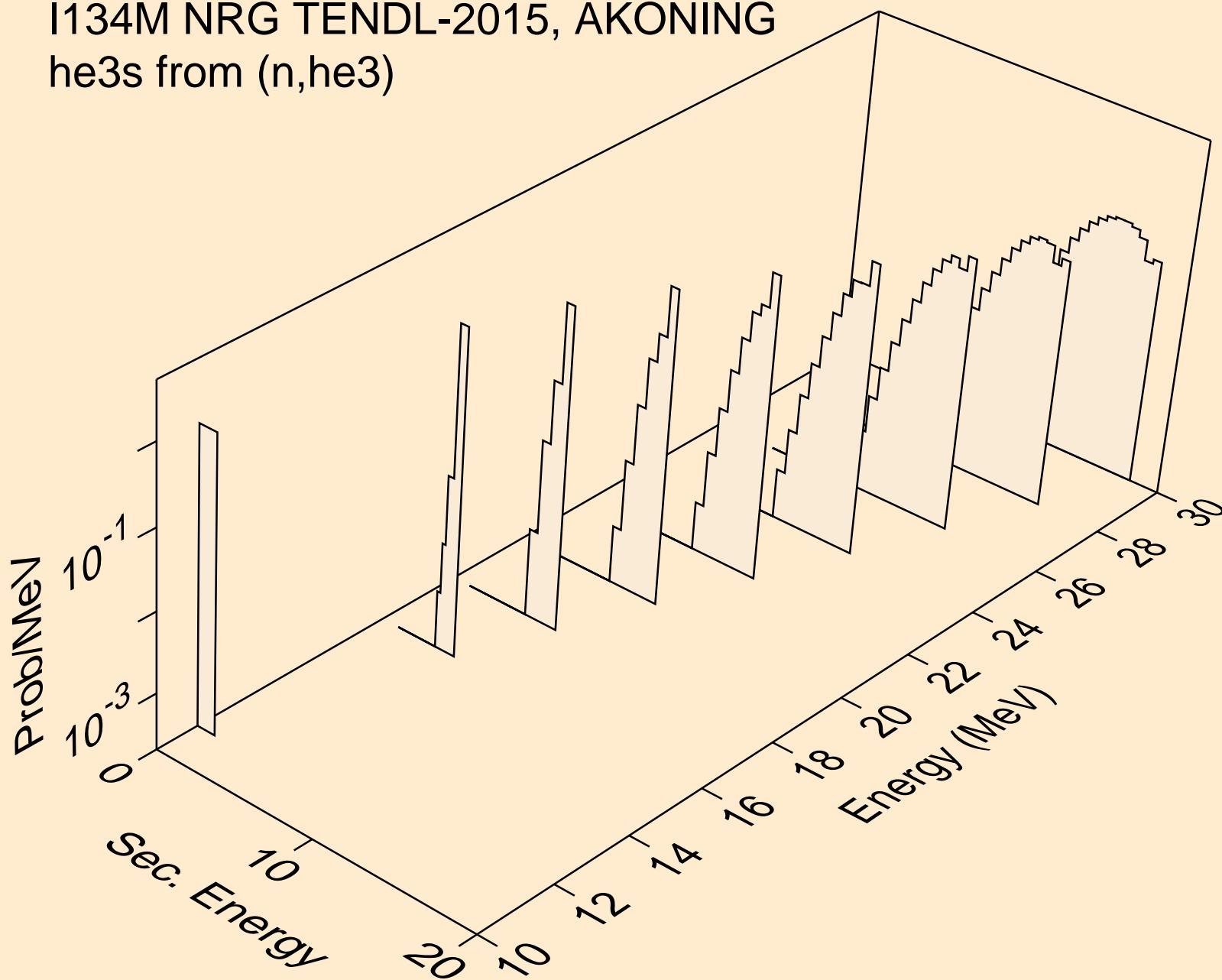
I134M NRG TENDL-2015, AKONING  
he3s from (n,x)



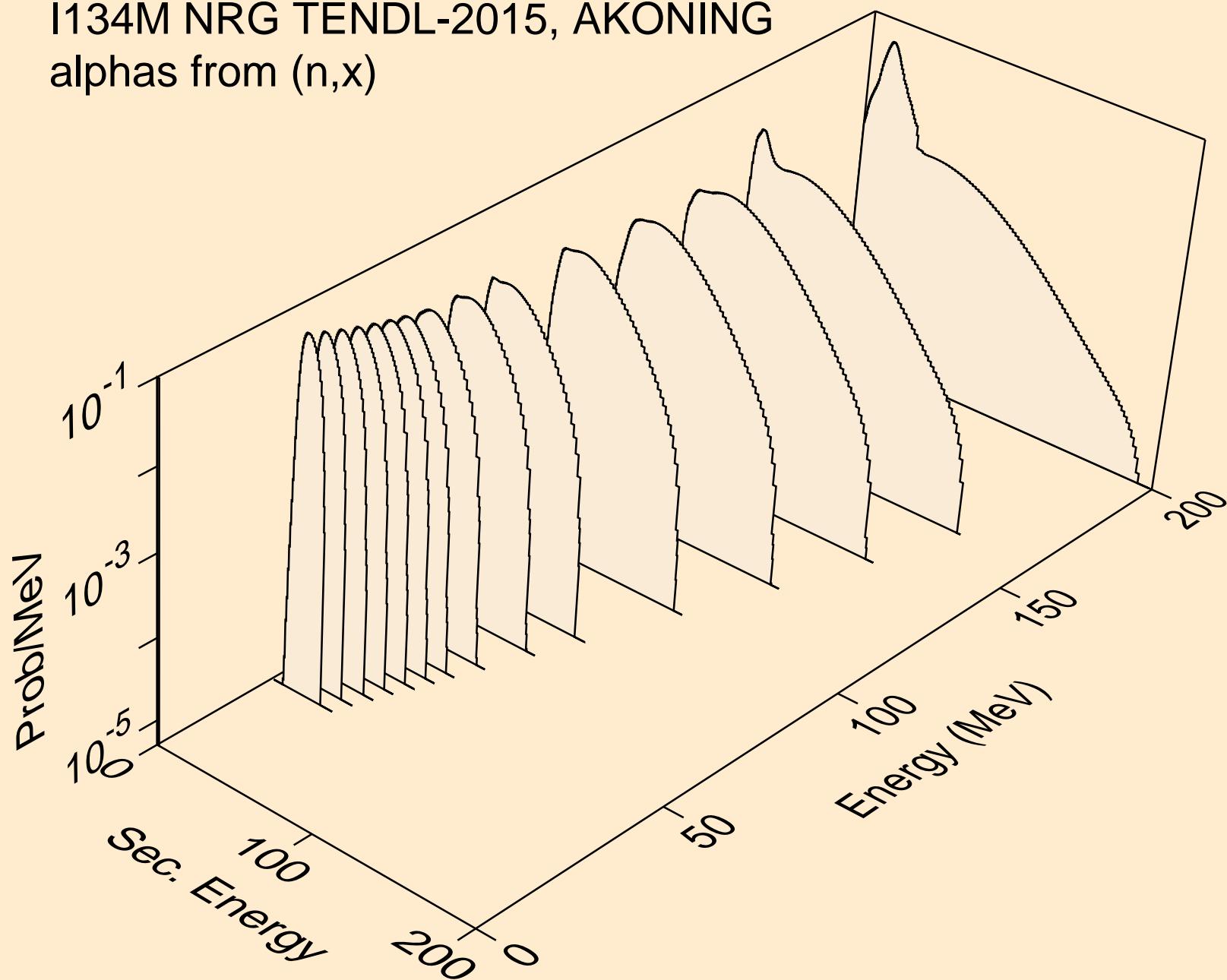
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he3s from  $(n,n^*)\text{he}3$



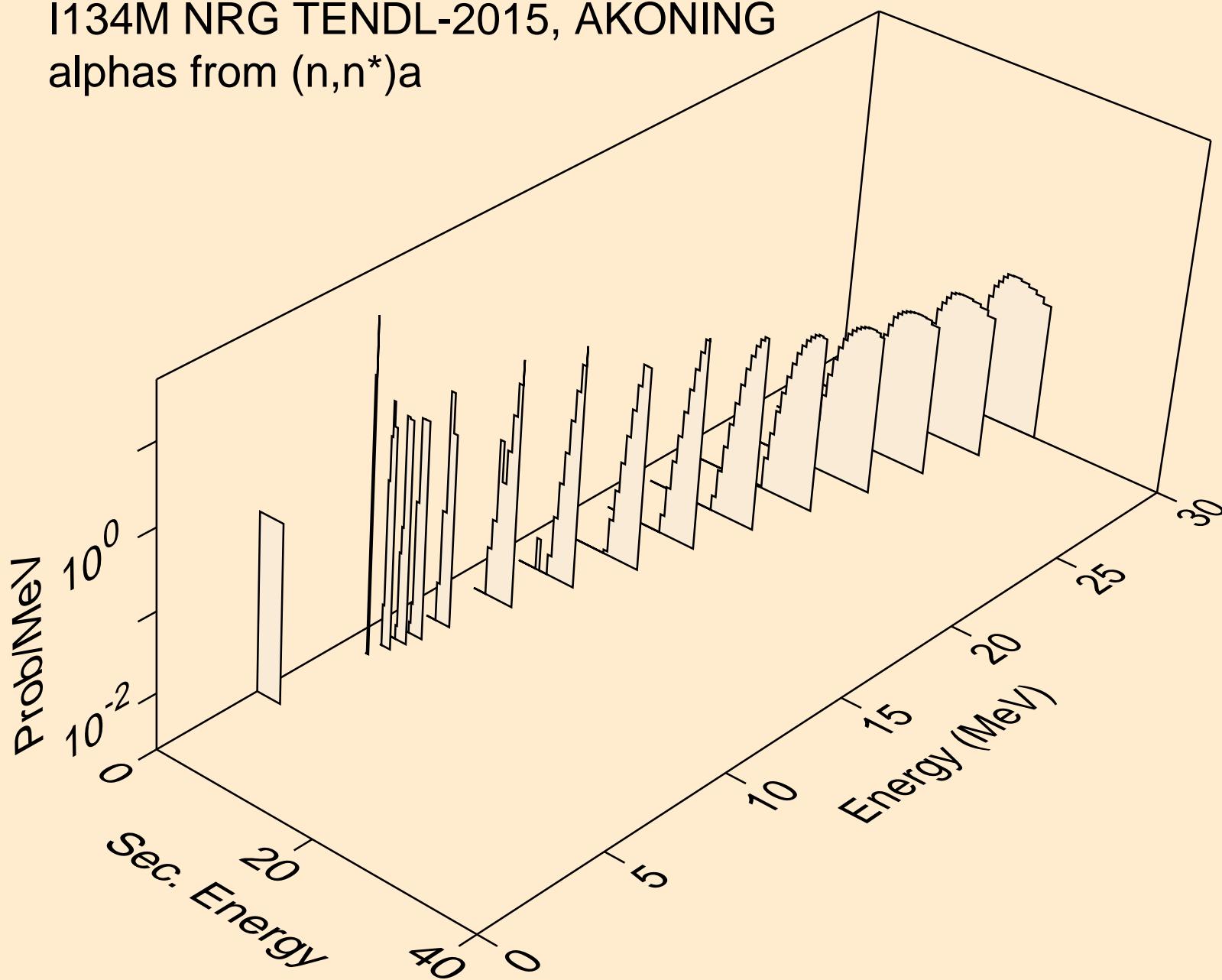
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he3s from (n,he3)



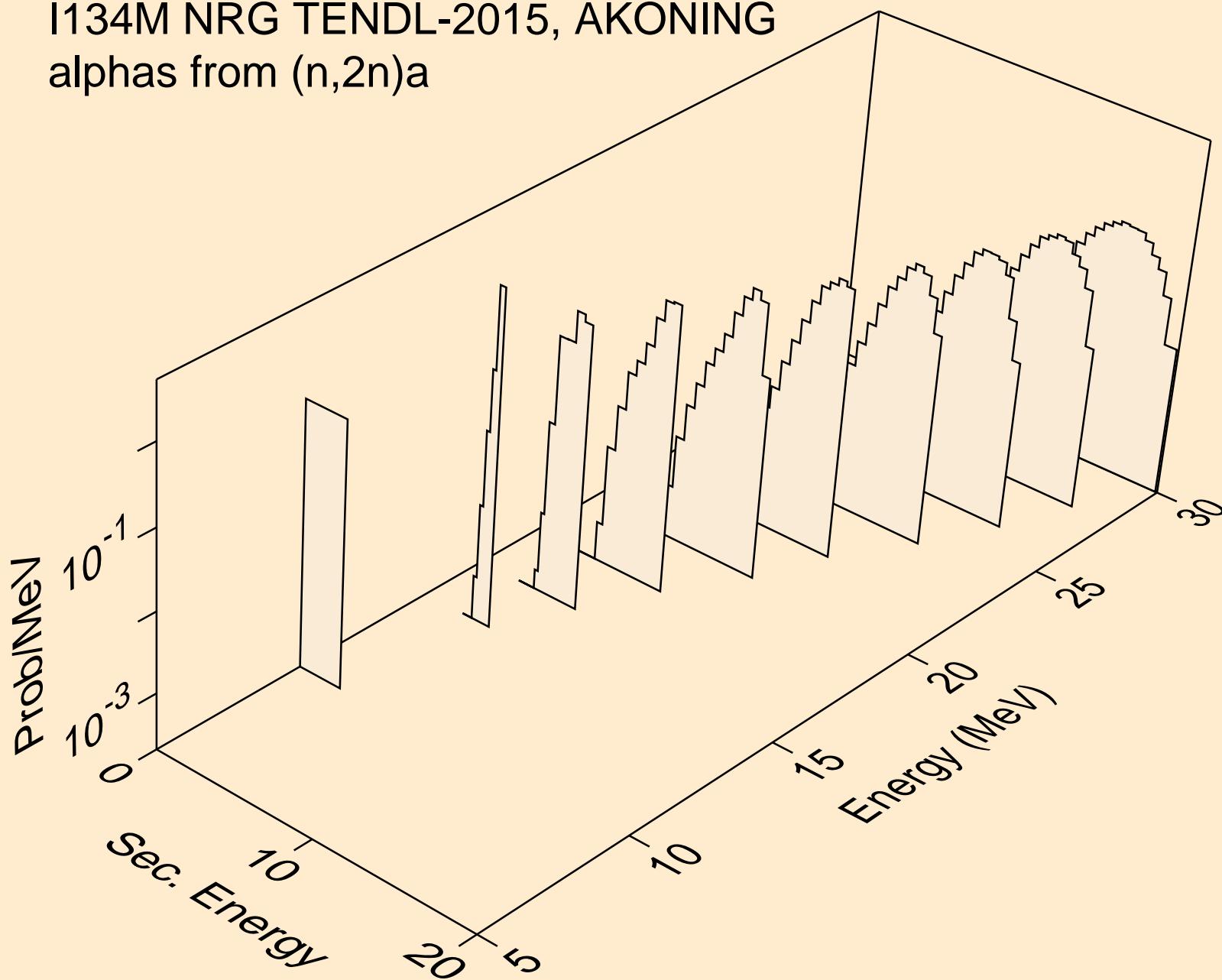
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alphas from (n,x)



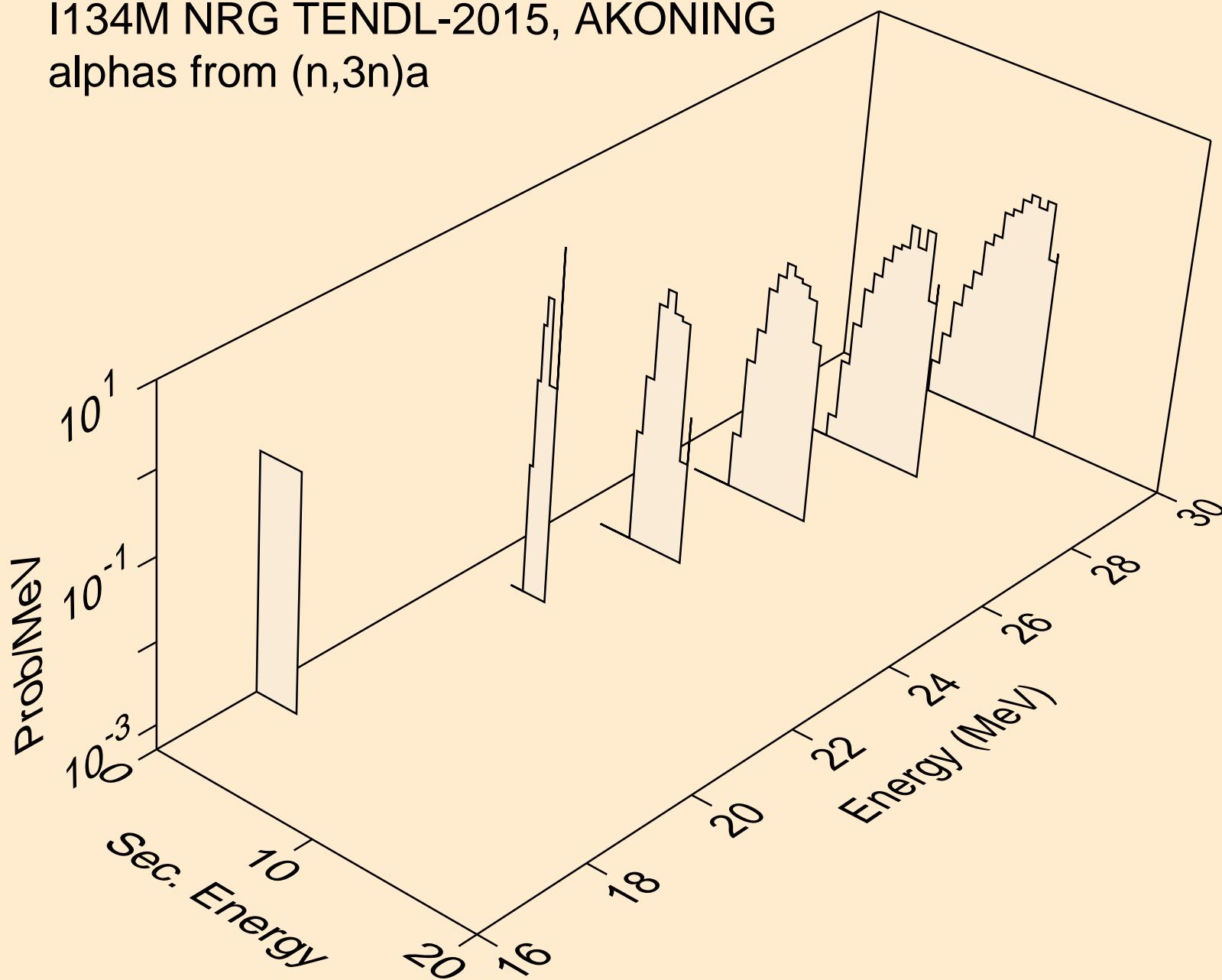
I134M NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)a$



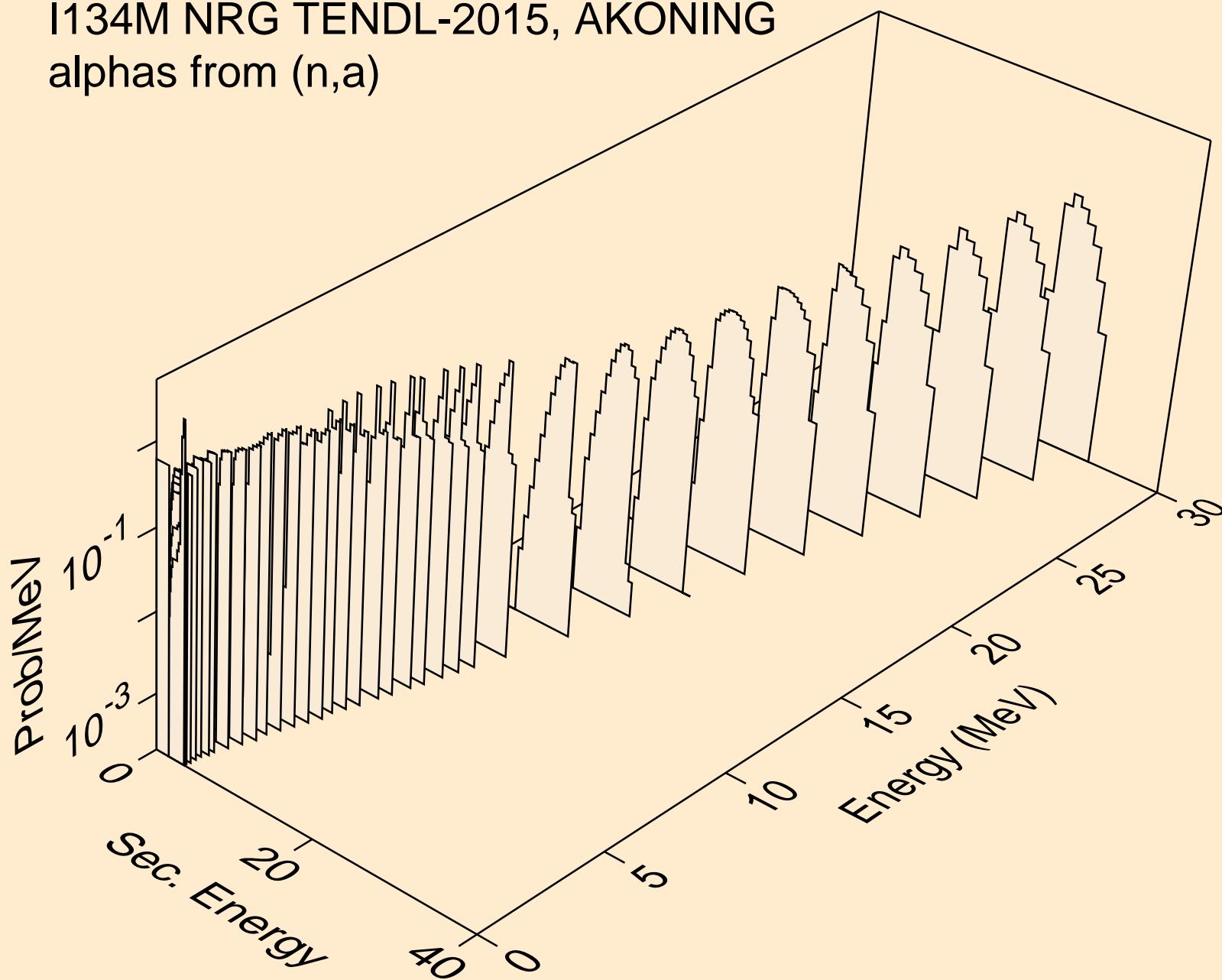
I134M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



I134M NRG TENDL-2015, AKONING  
alphas from  $(n,3n)a$



I134M NRG TENDL-2015, AKONING  
alphas from (n,a)



I134M NRG TENDL-2015, AKONING  
alphas from (n,pa)

