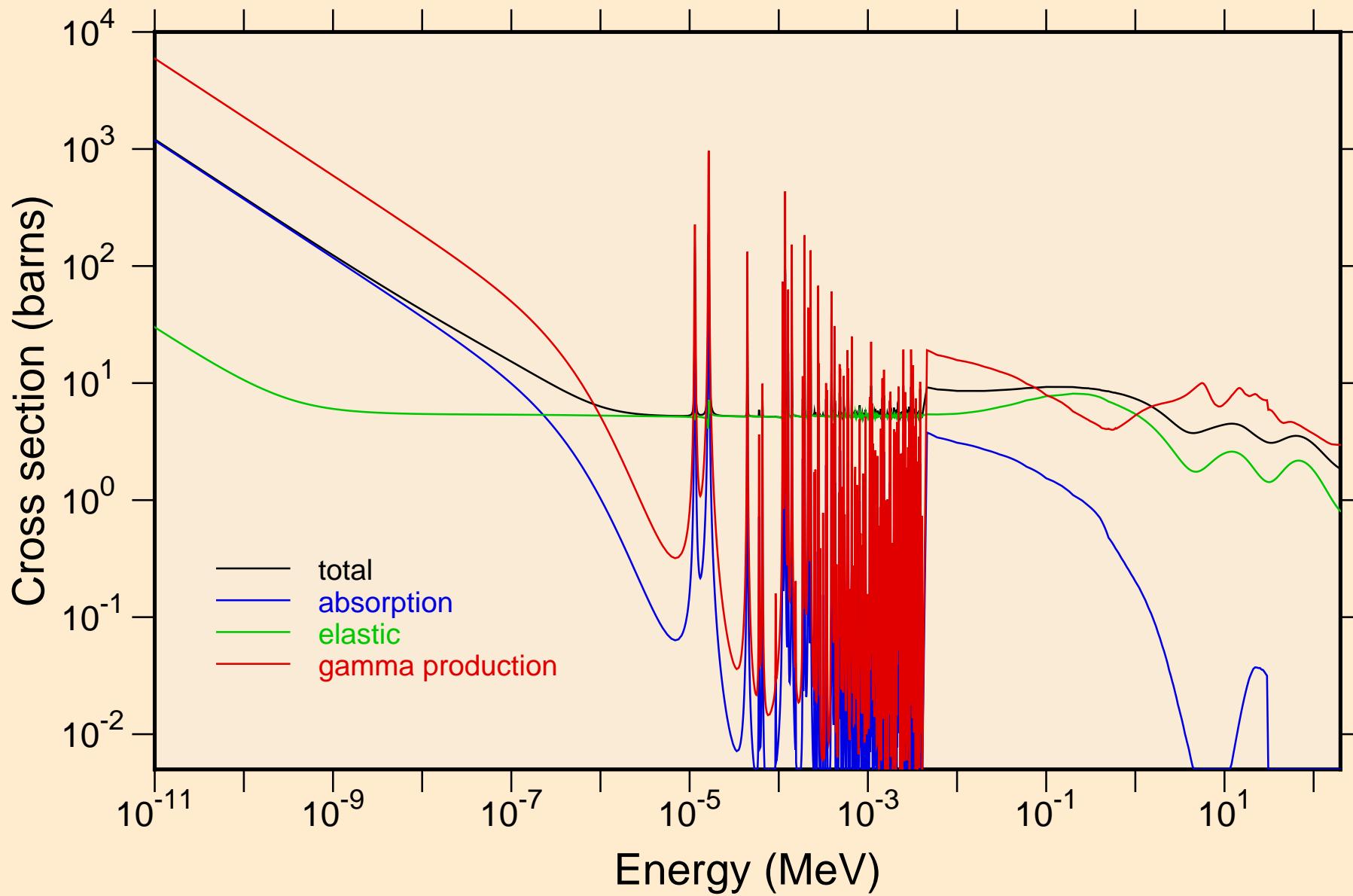
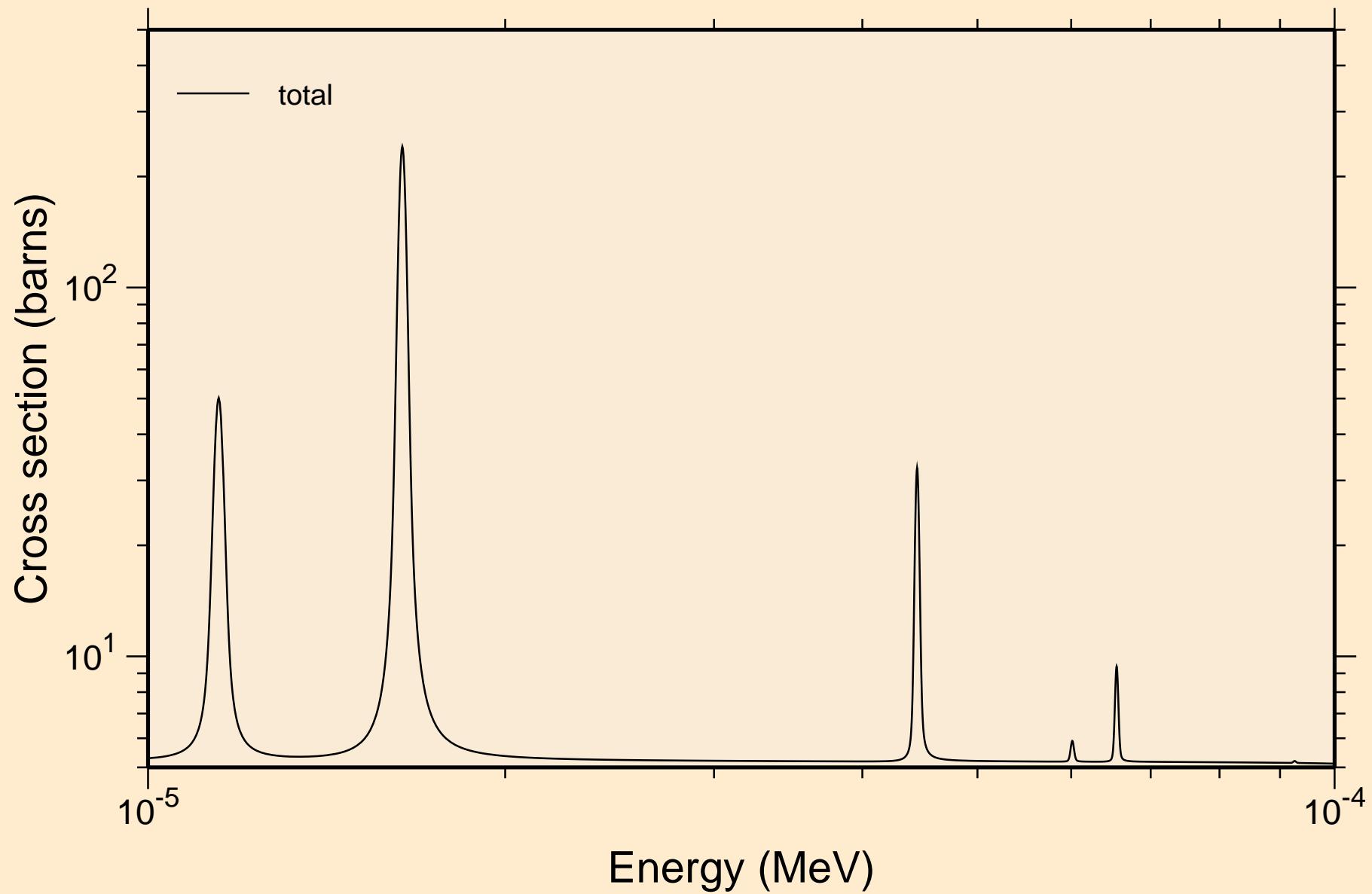


# RH110M NRG TENDL-2015, AKONING

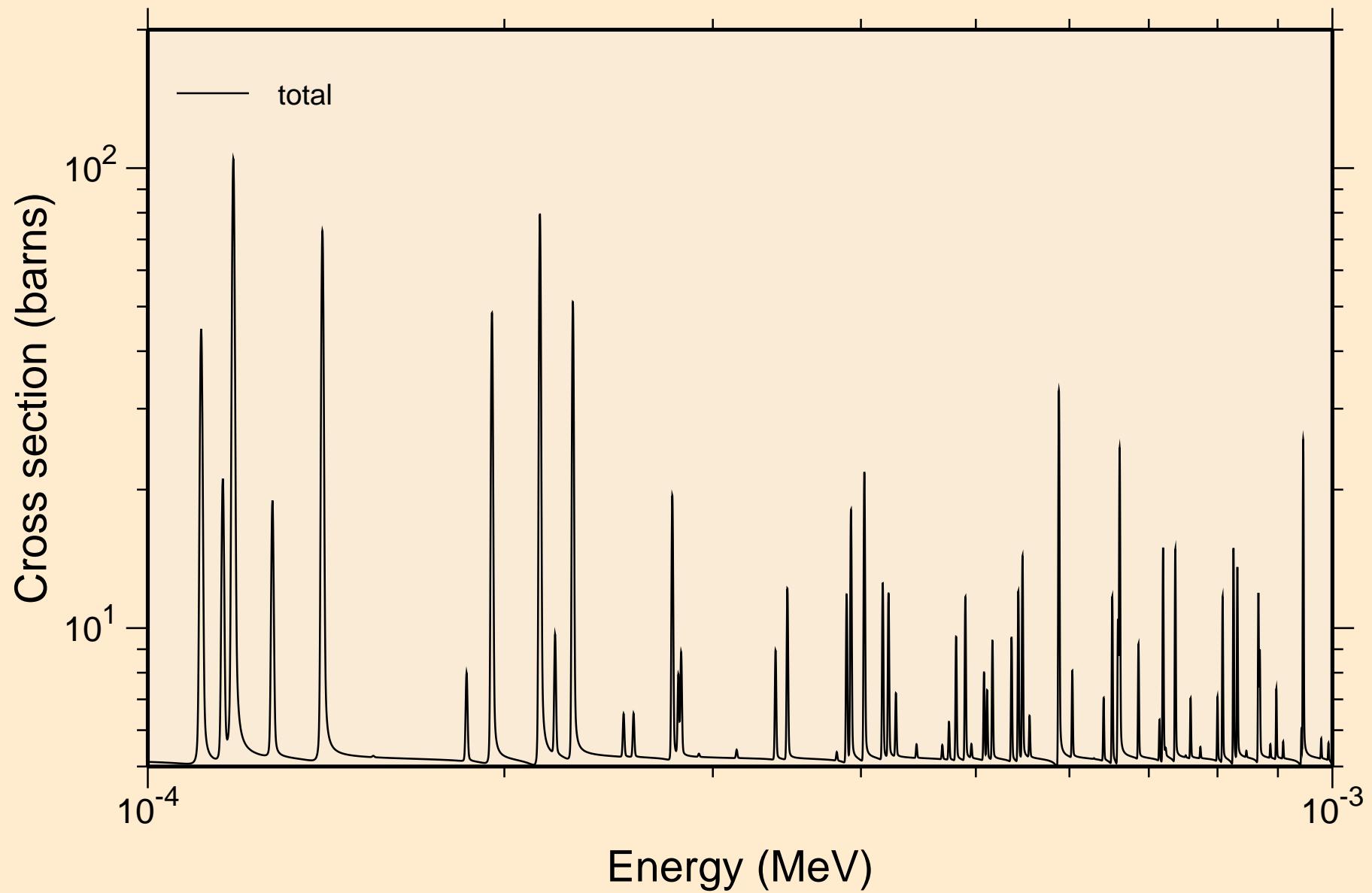
## Principal cross sections



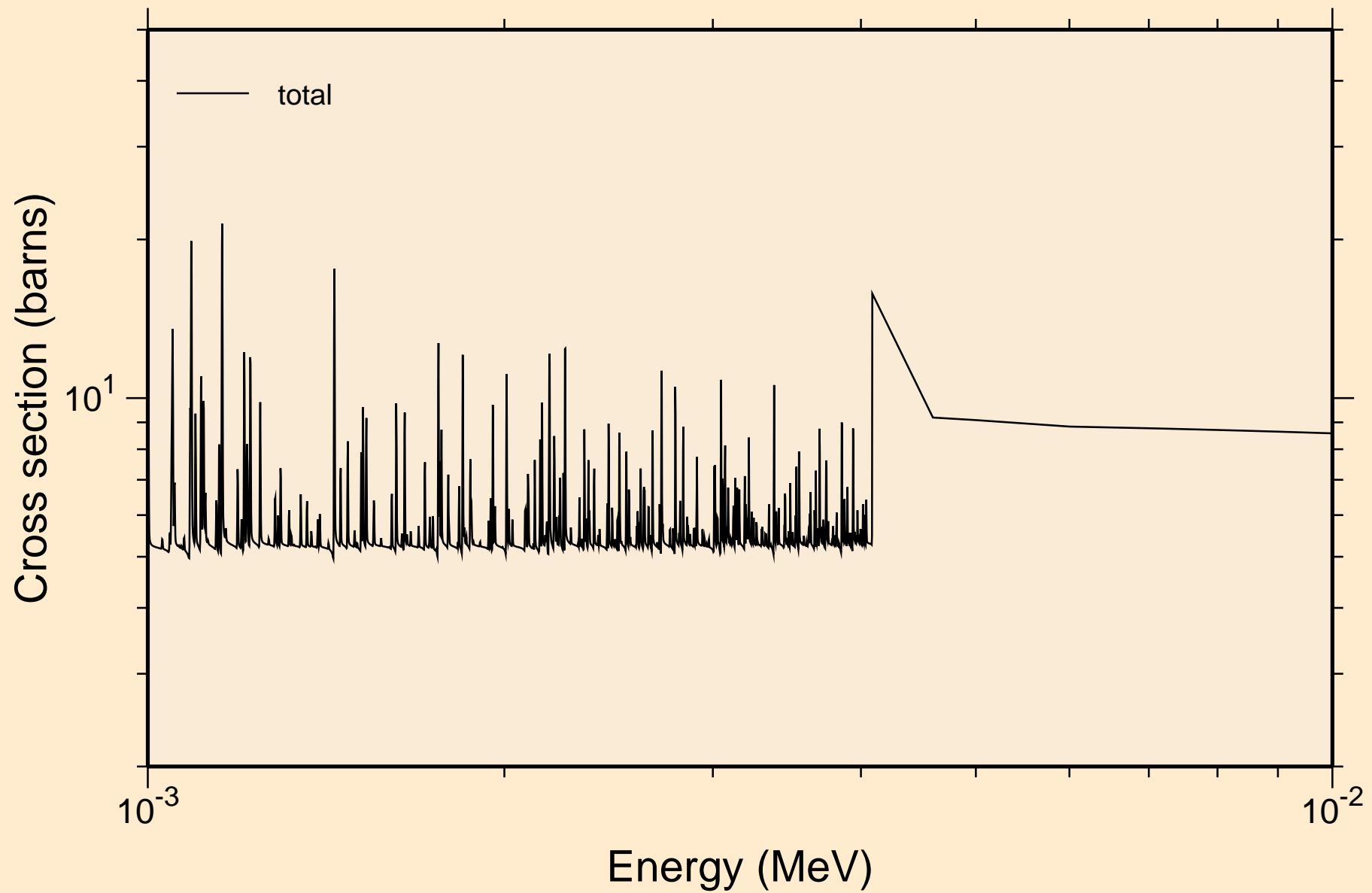
RH110M NRG TENDL-2015, AKONING  
resonance total cross section



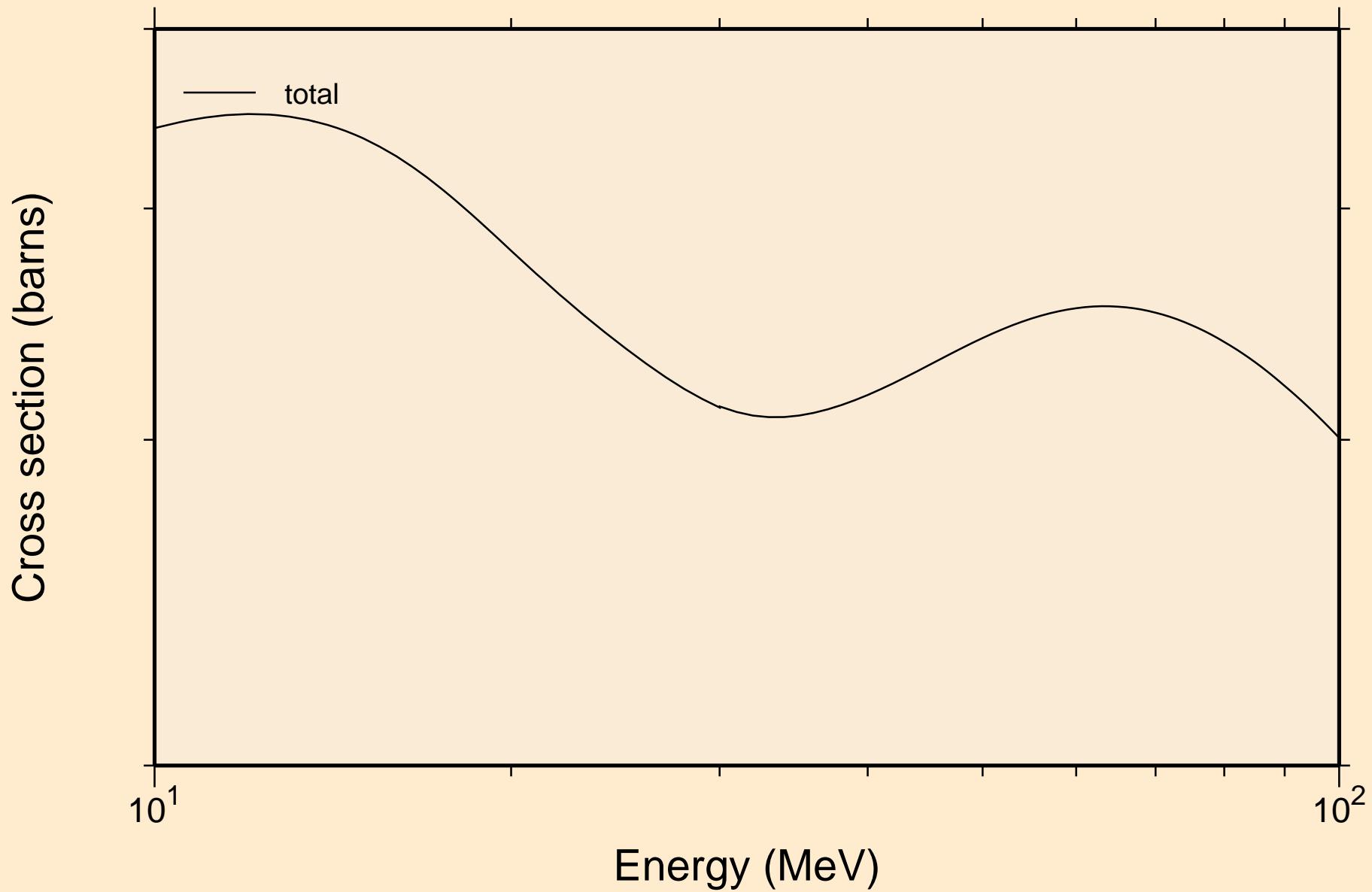
RH110M NRG TENDL-2015, AKONING  
resonance total cross section



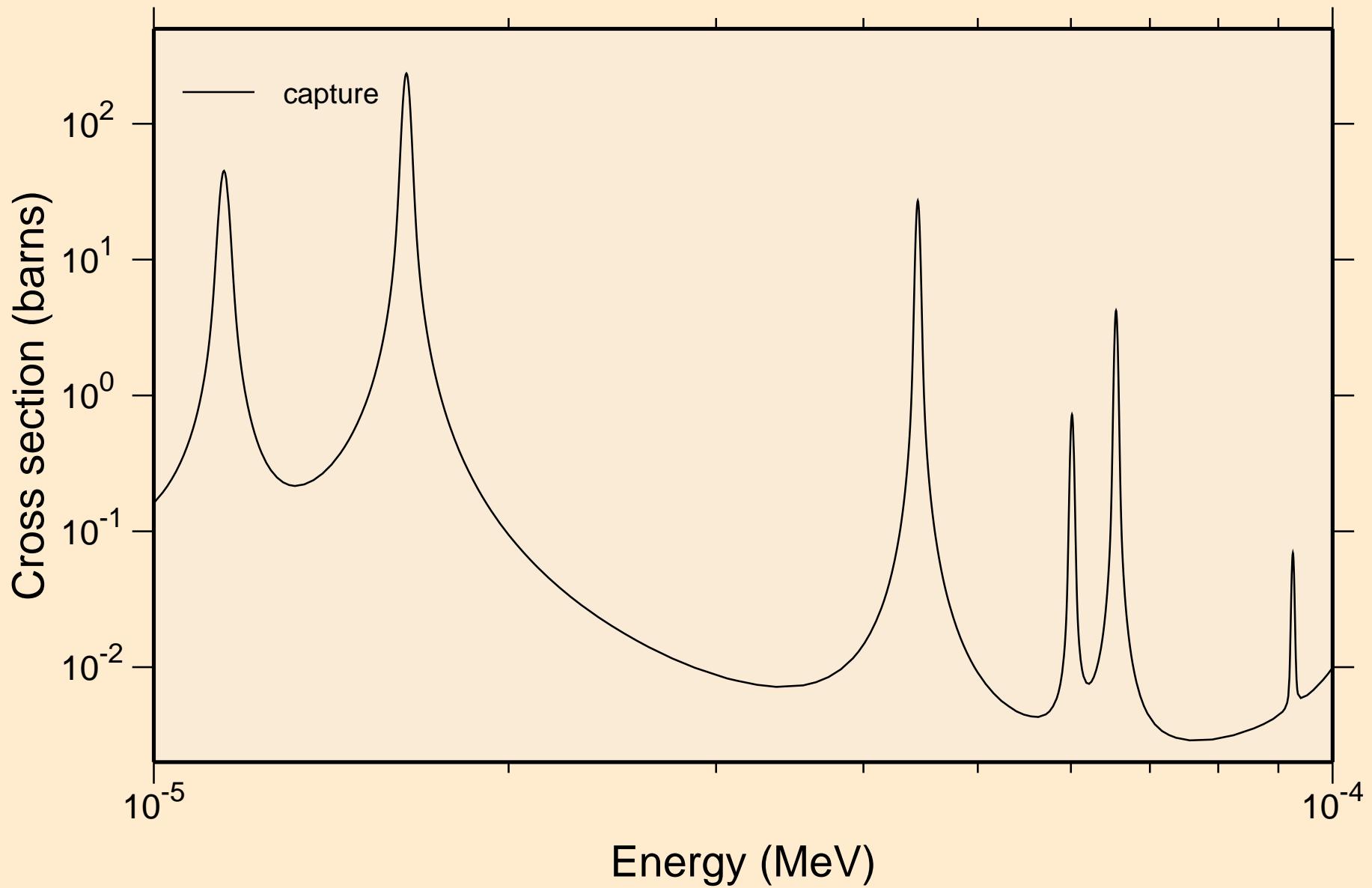
RH110M NRG TENDL-2015, AKONING  
resonance total cross section



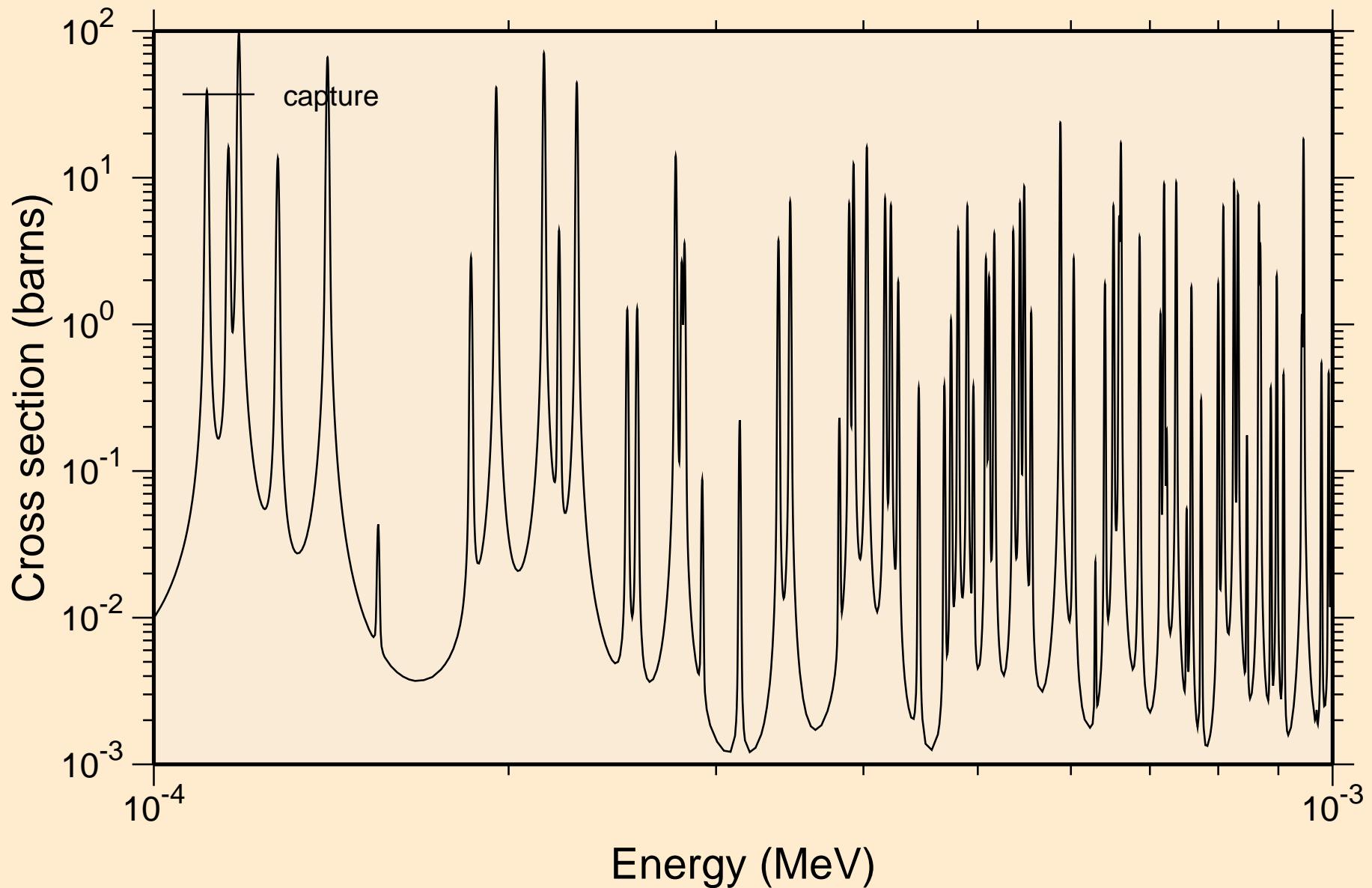
RH110M NRG TENDL-2015, AKONING  
resonance total cross section



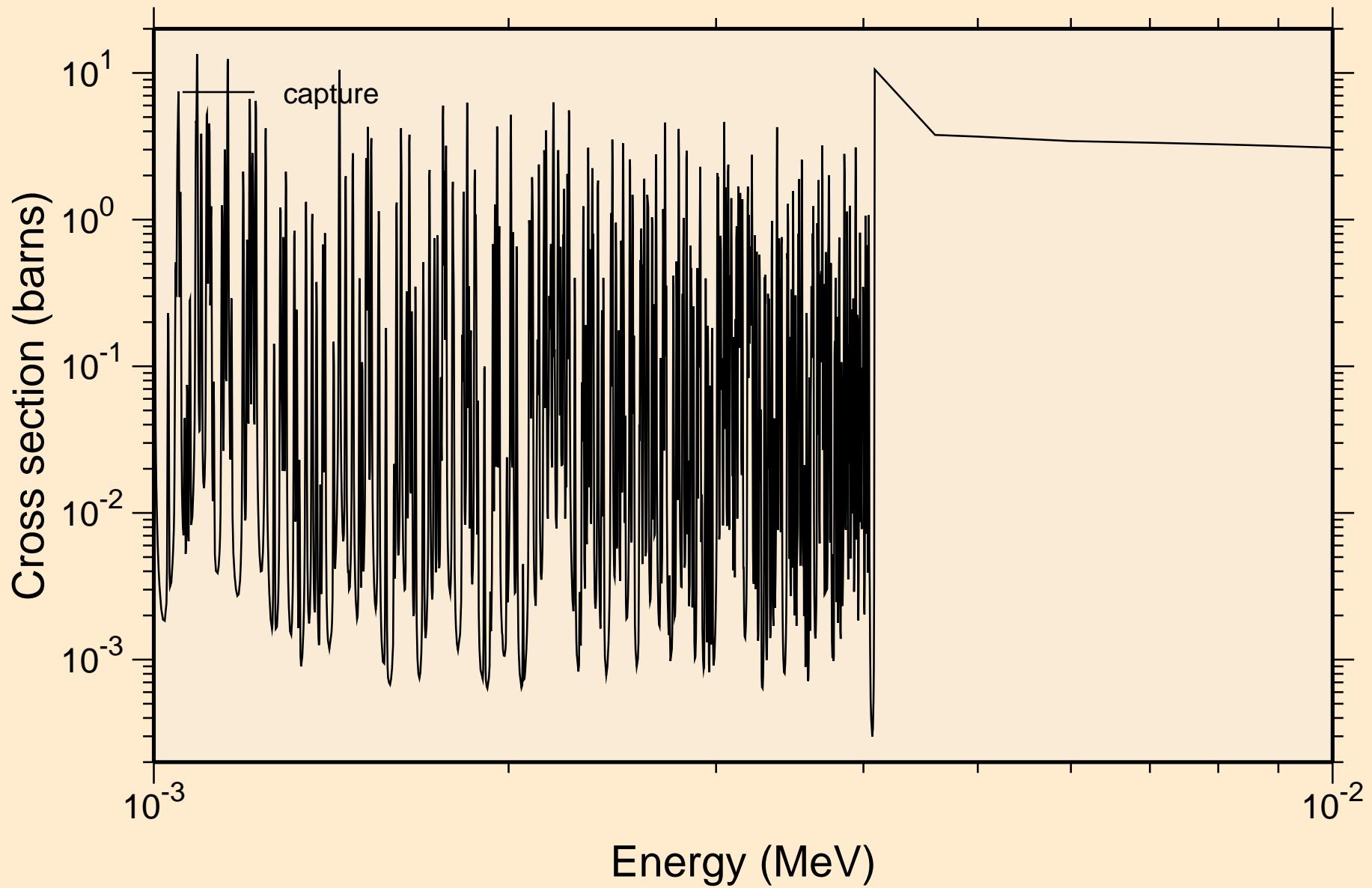
RH110M NRG TENDL-2015, AKONING  
resonance absorption cross sections



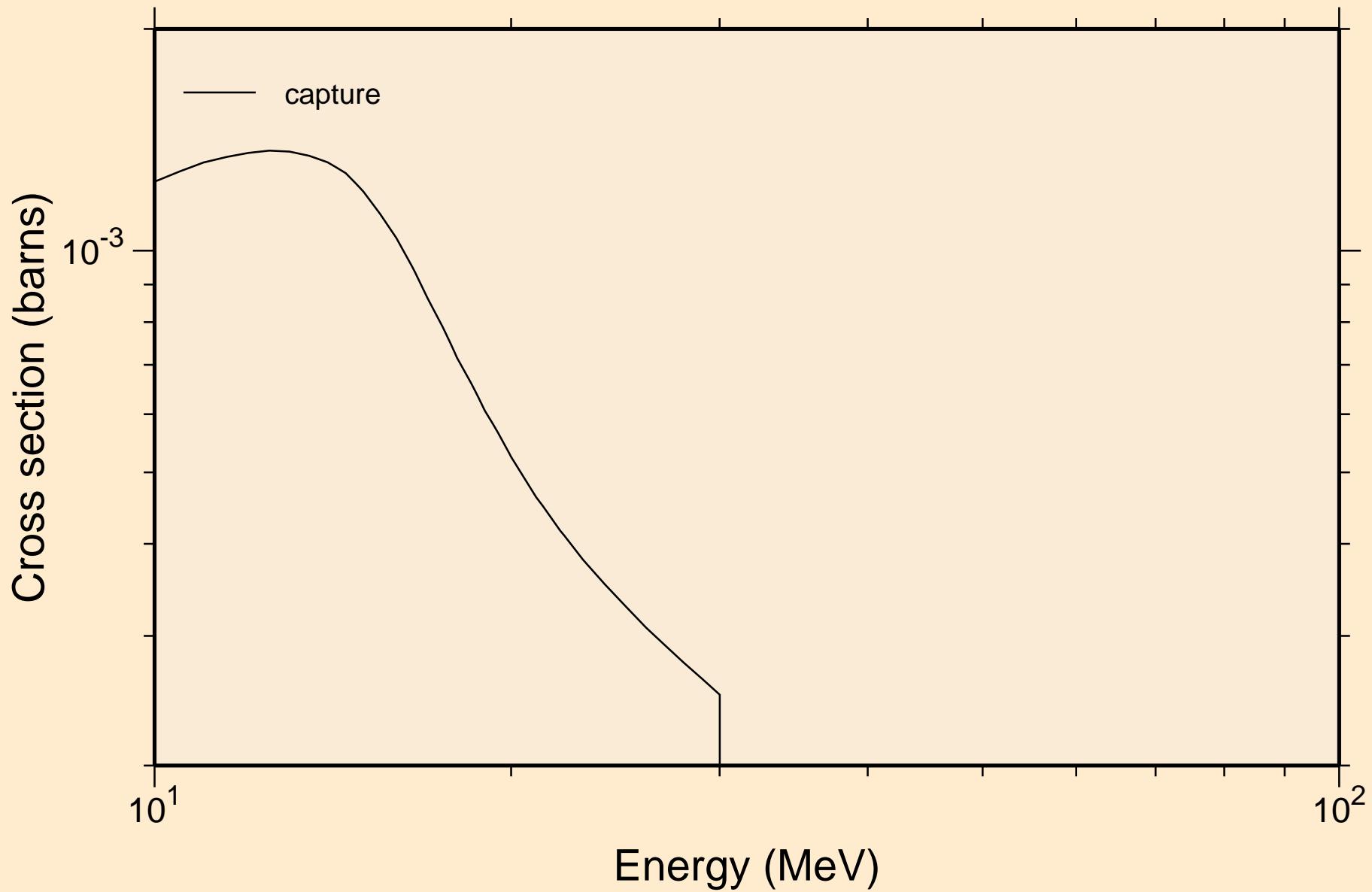
RH110M NRG TENDL-2015, AKONING  
resonance absorption cross sections



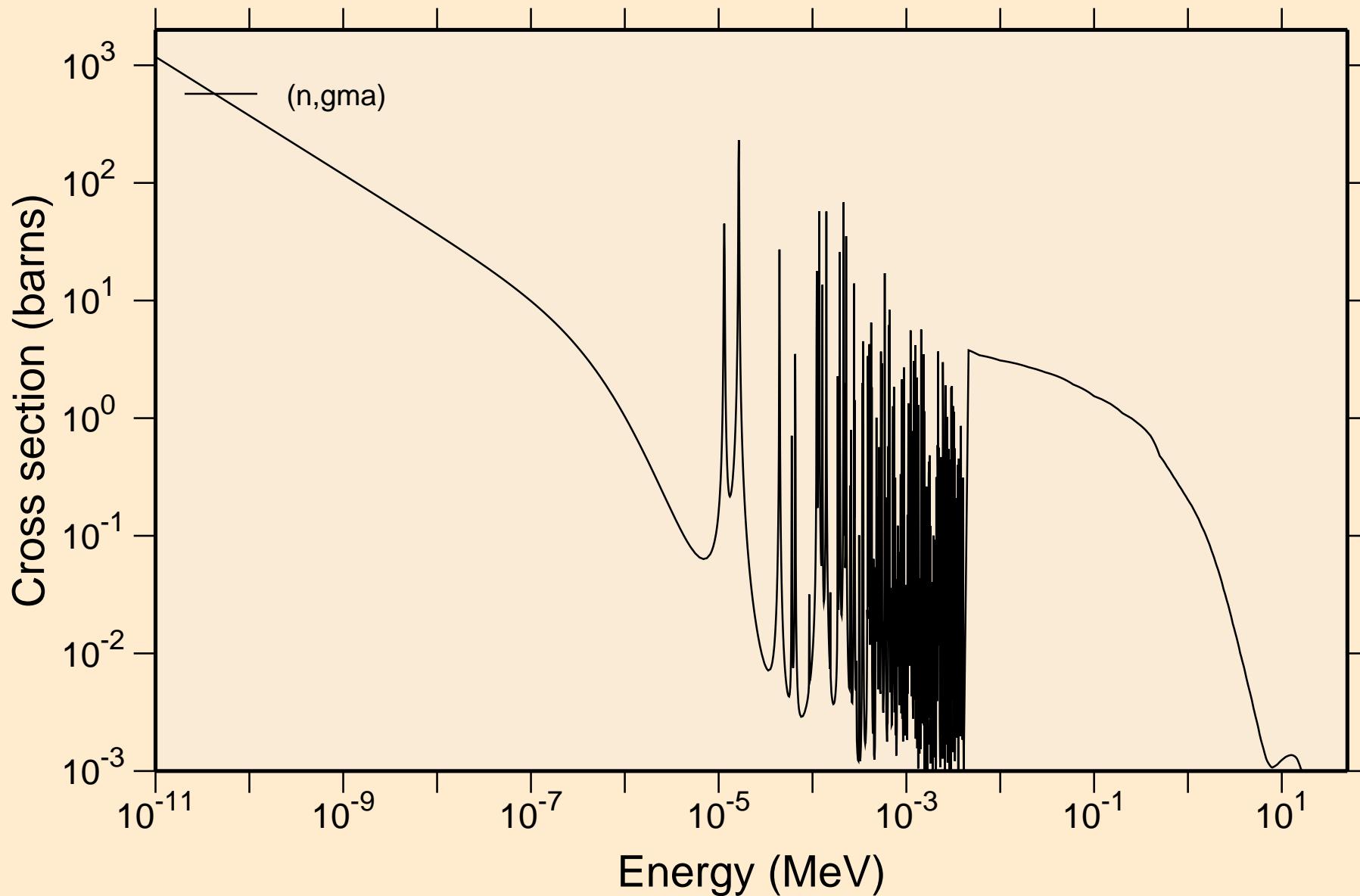
RH110M NRG TENDL-2015, AKONING  
resonance absorption cross sections



RH110M NRG TENDL-2015, AKONING  
resonance absorption cross sections

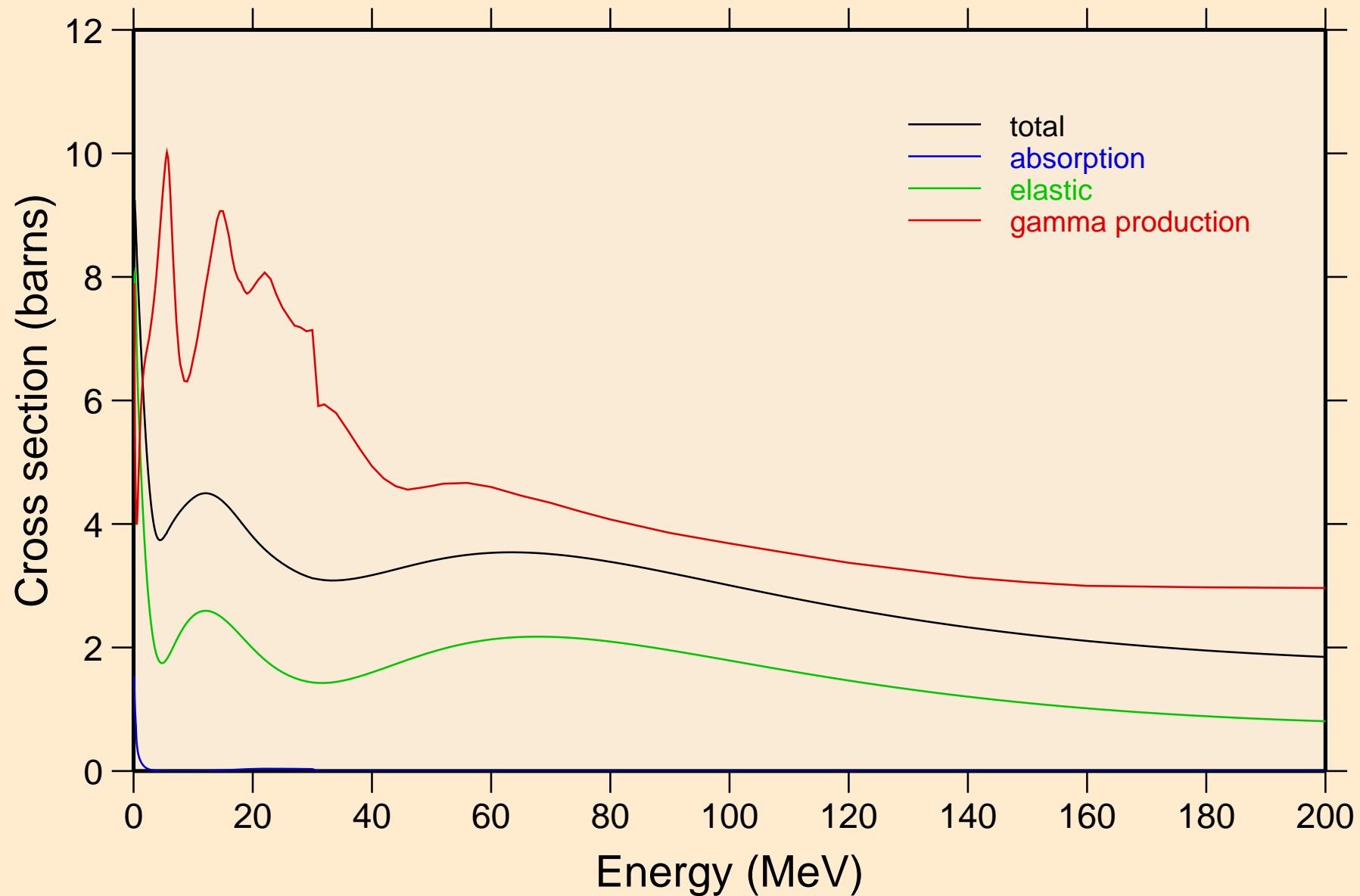


RH110M NRG TENDL-2015, AKONING  
Non-threshold reactions

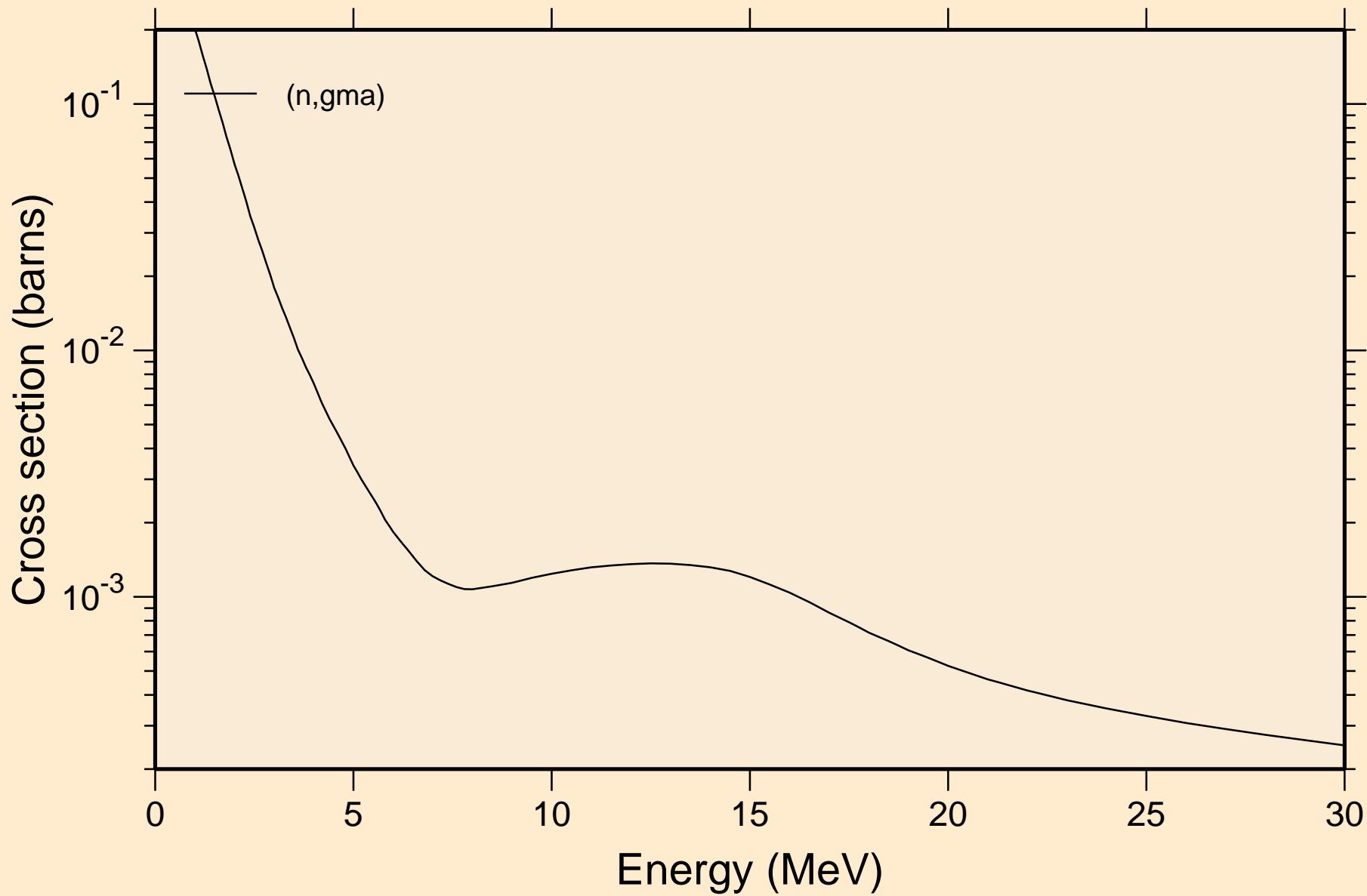


# RH110M NRG TENDL-2015, AKONING

## Principal cross sections

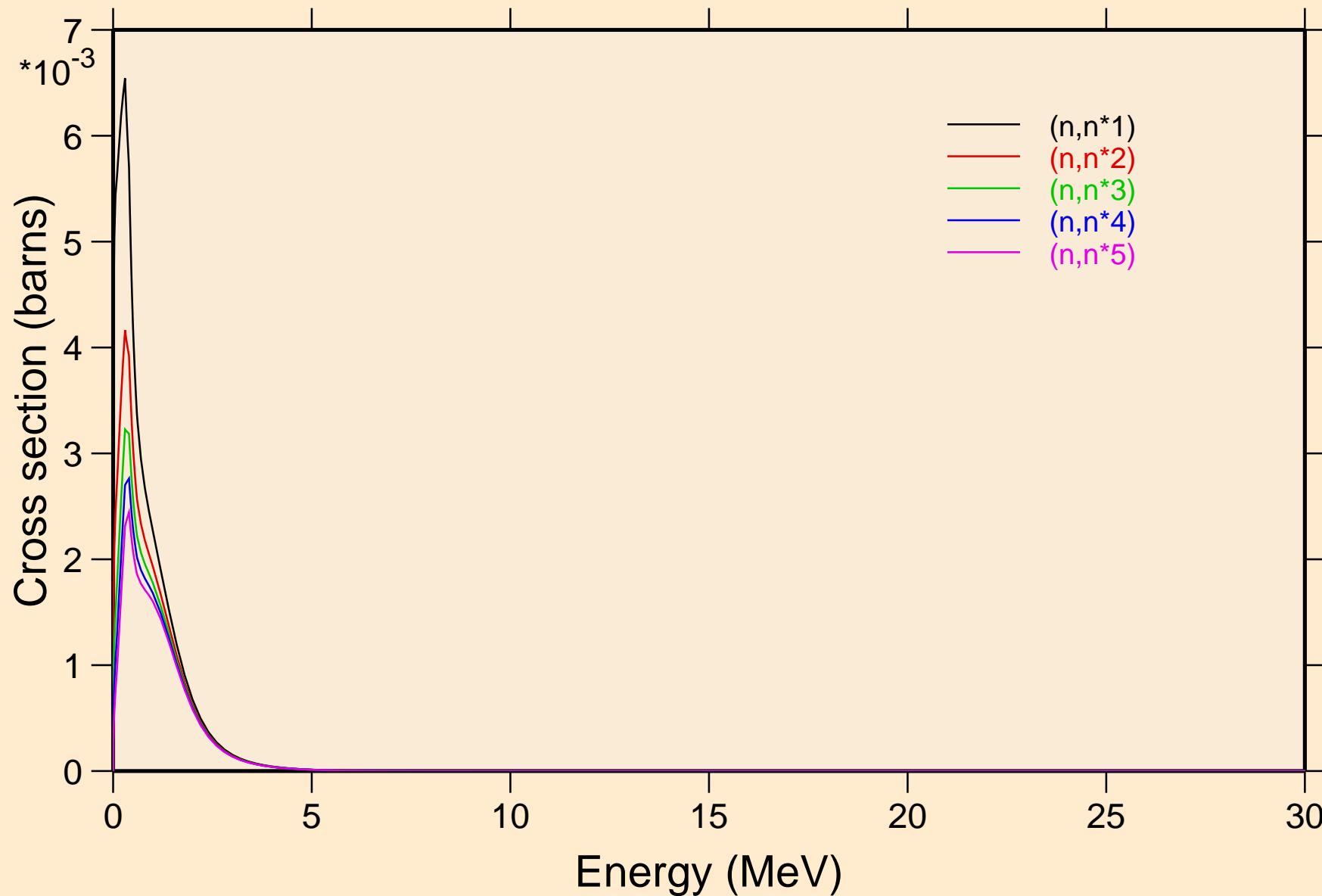


RH110M NRG TENDL-2015, AKONING  
Non-threshold reactions



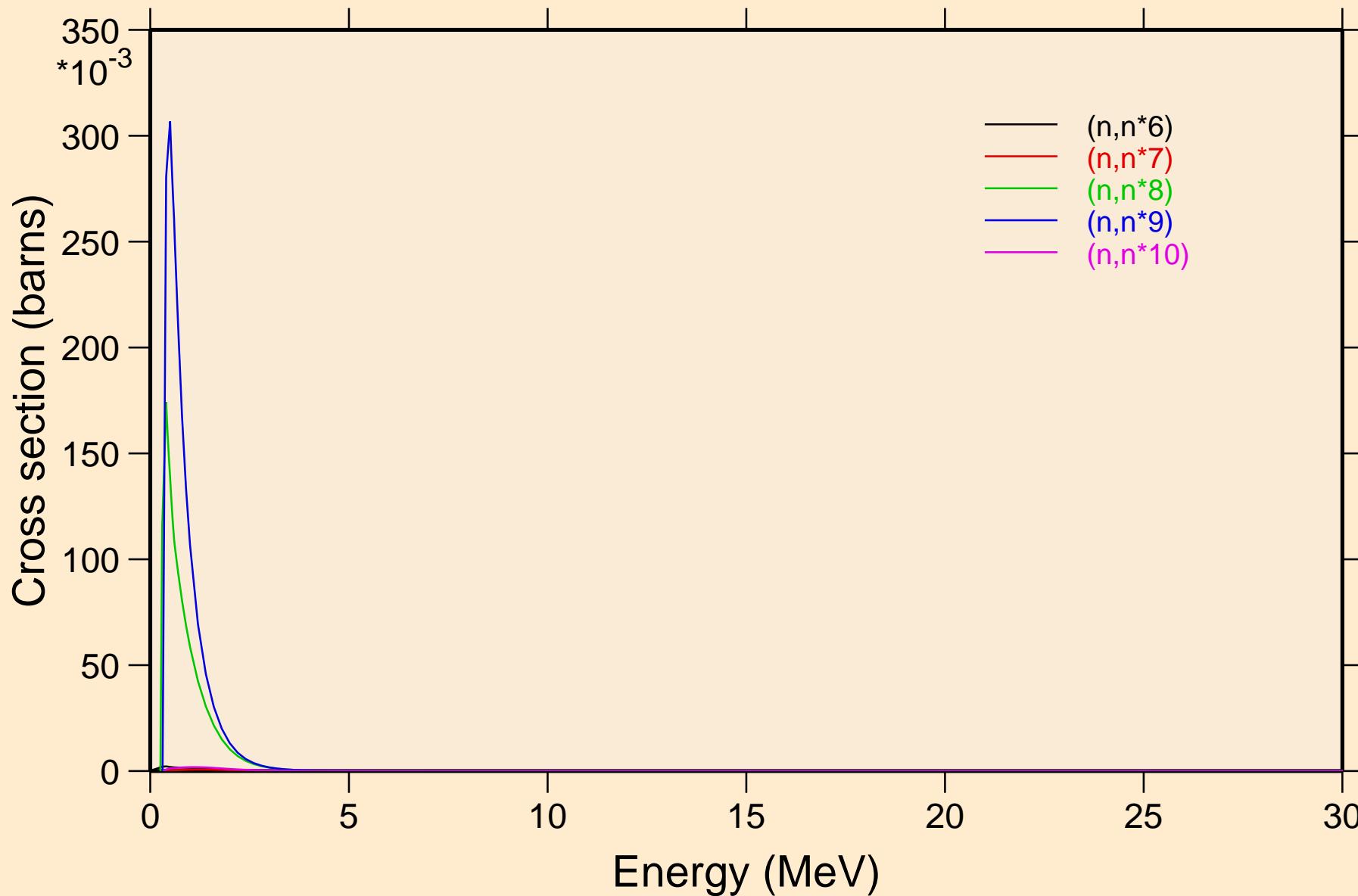
# RH110M NRG TENDL-2015, AKONING

## Inelastic levels



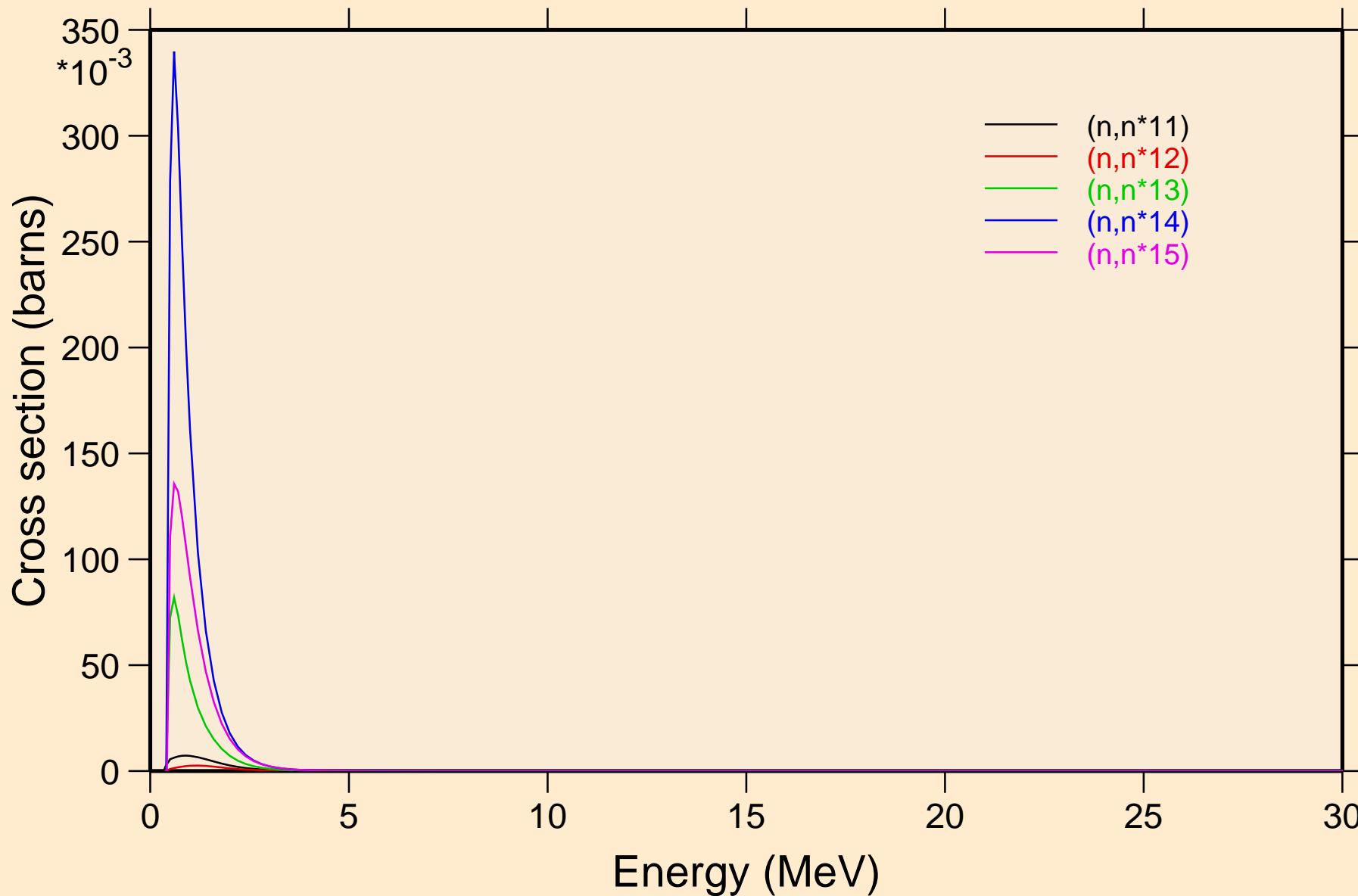
# RH110M NRG TENDL-2015, AKONING

## Inelastic levels



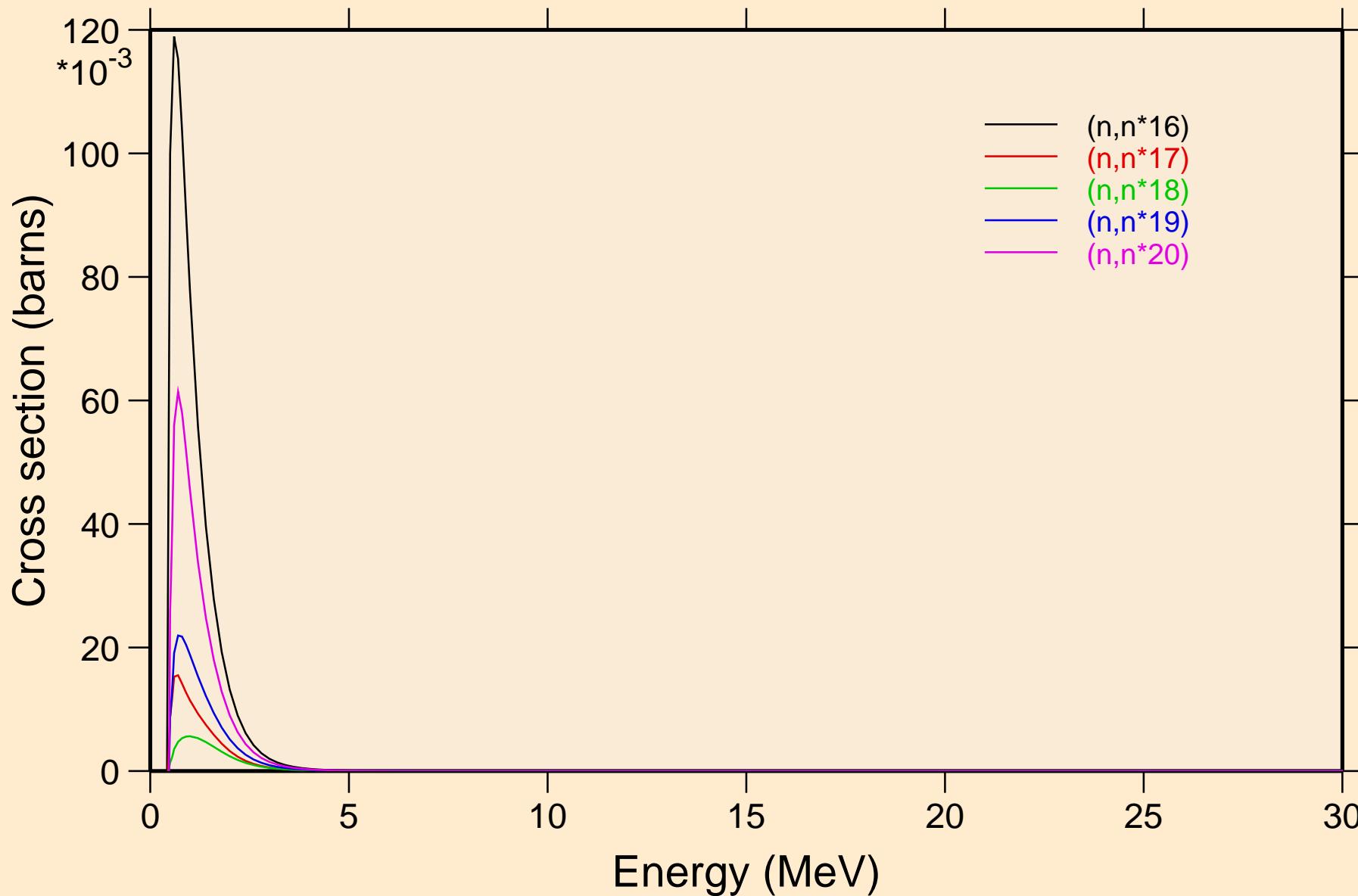
# RH110M NRG TENDL-2015, AKONING

## Inelastic levels



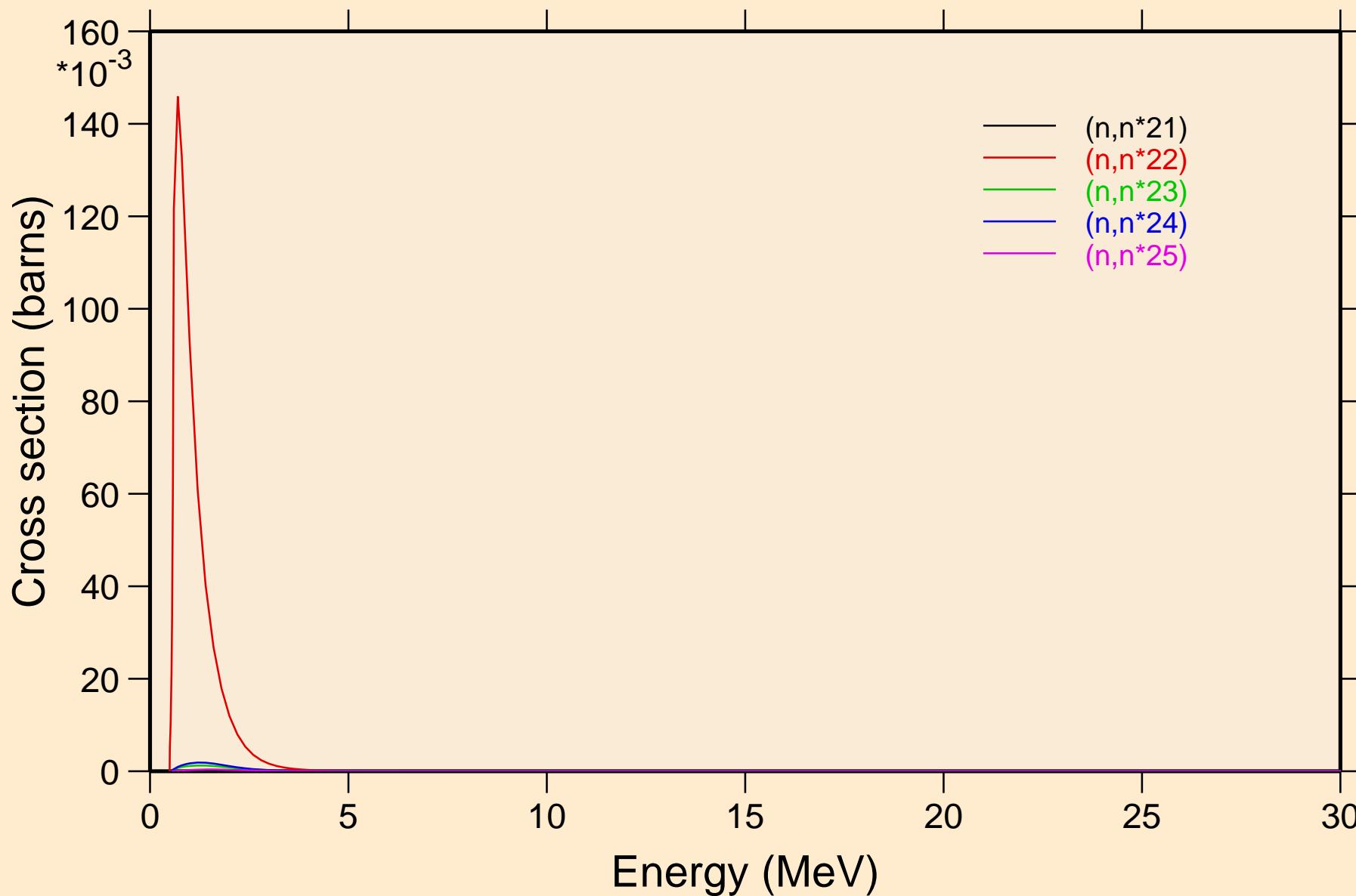
# RH110M NRG TENDL-2015, AKONING

## Inelastic levels



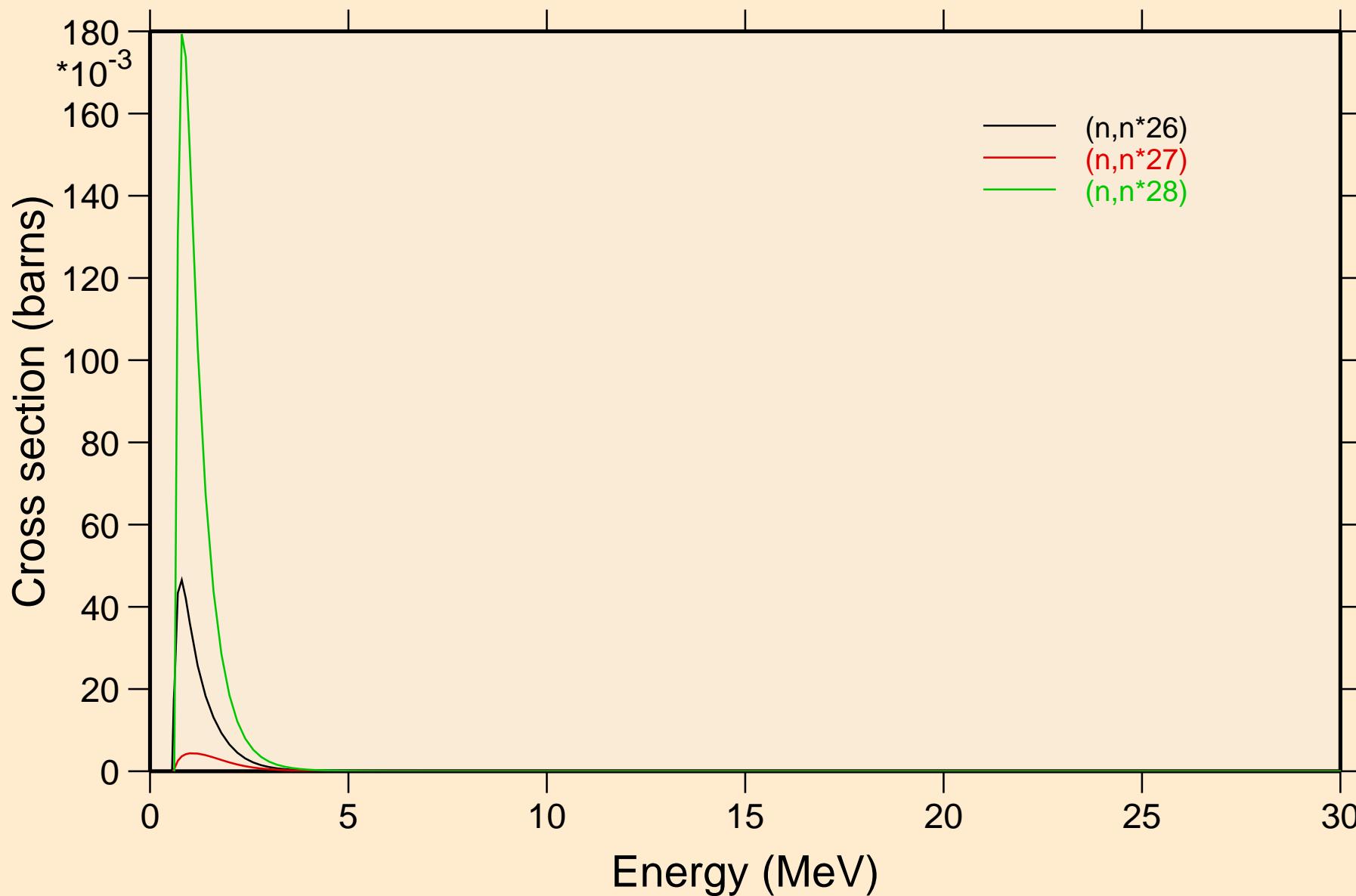
# RH110M NRG TENDL-2015, AKONING

## Inelastic levels



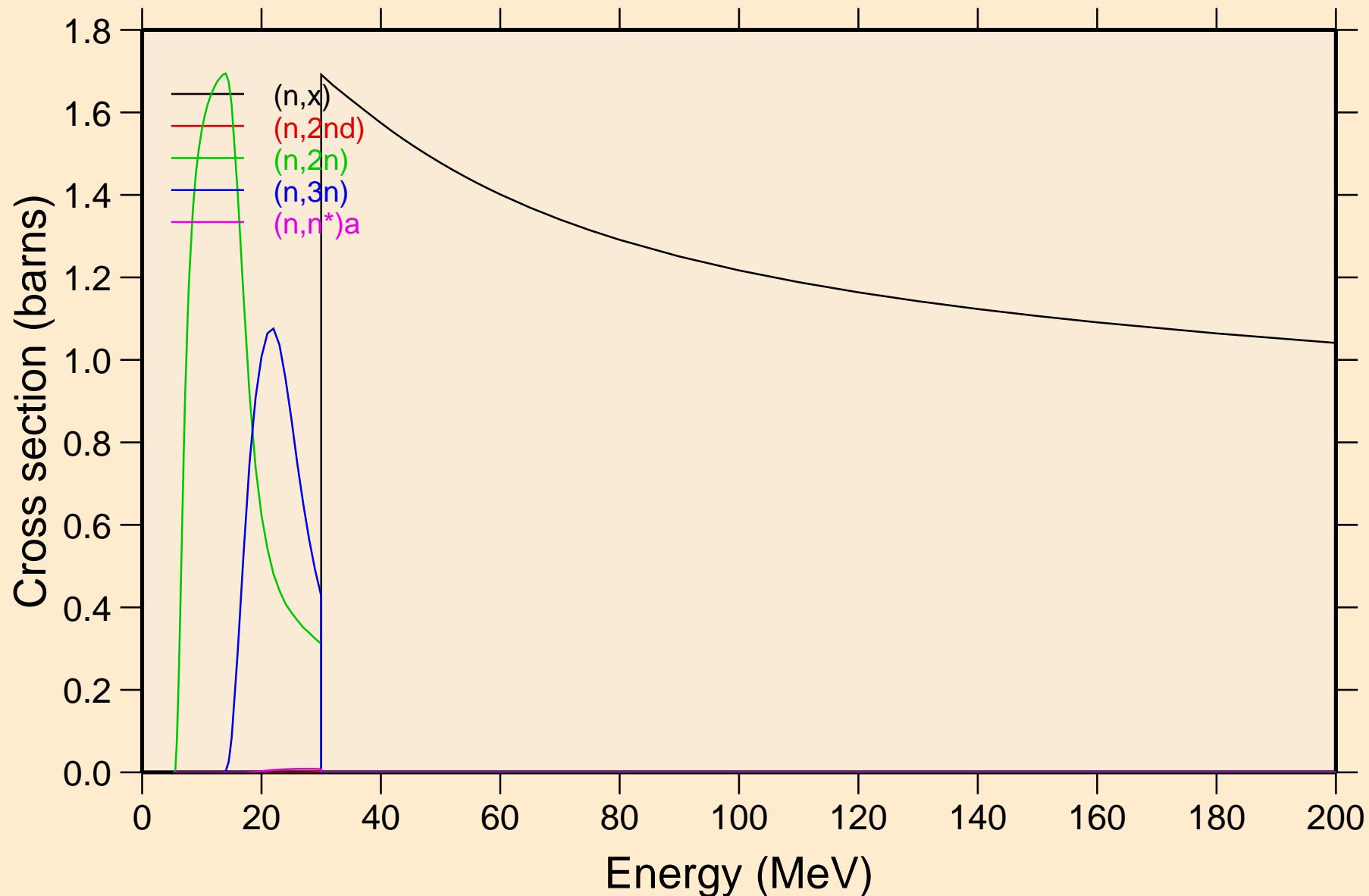
# RH110M NRG TENDL-2015, AKONING

## Inelastic levels



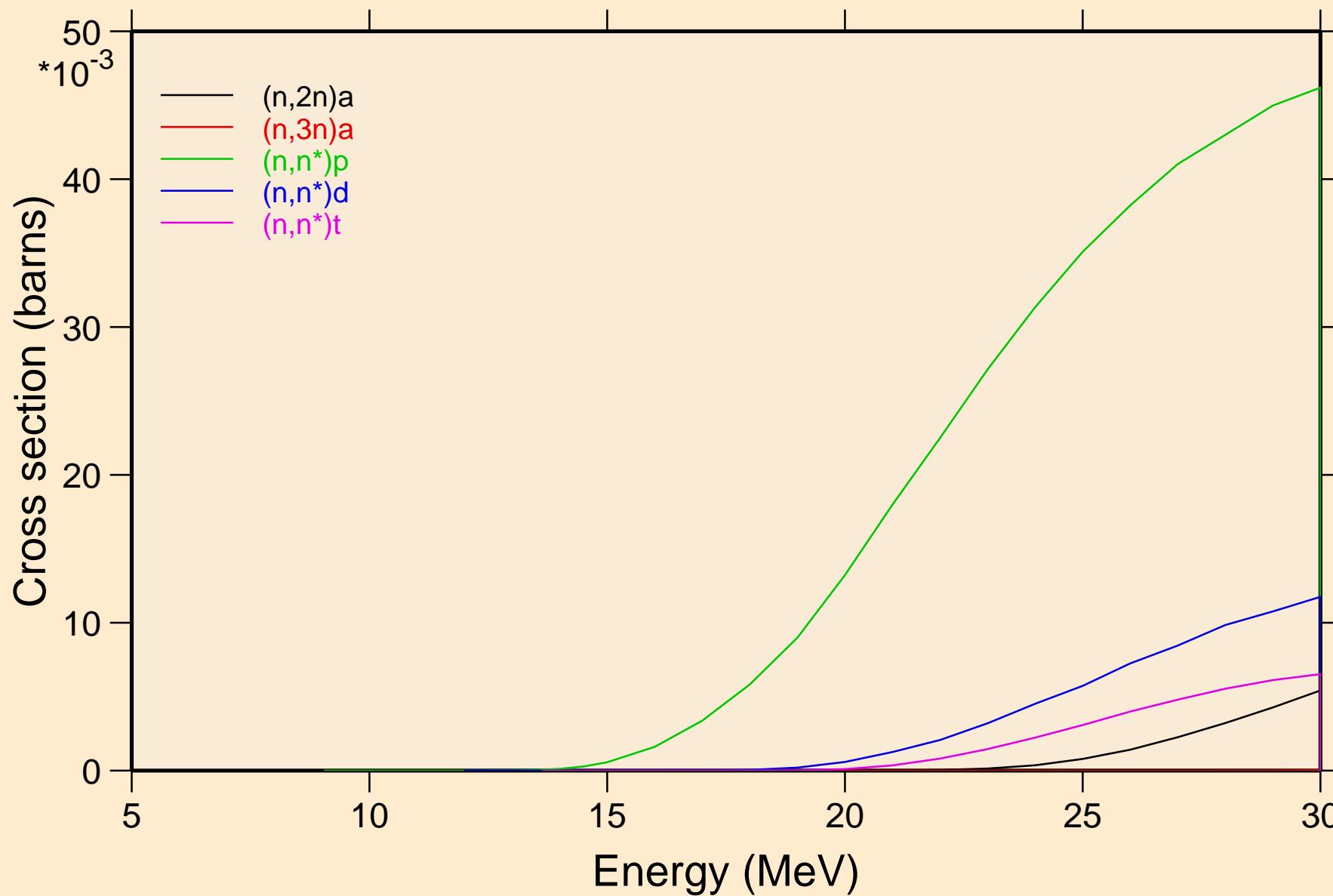
# RH110M NRG TENDL-2015, AKONING

## Threshold reactions



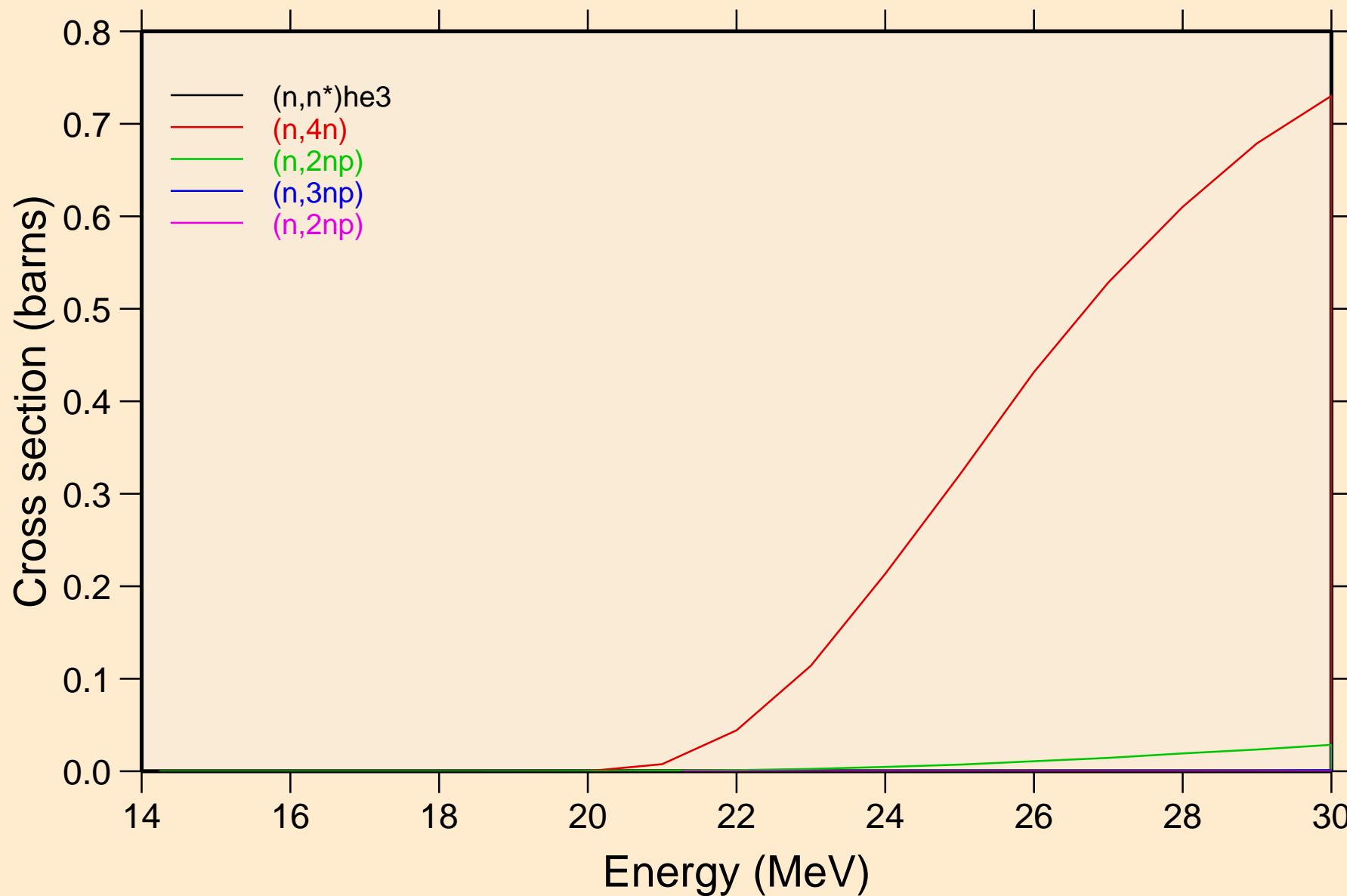
# RH110M NRG TENDL-2015, AKONING

## Threshold reactions



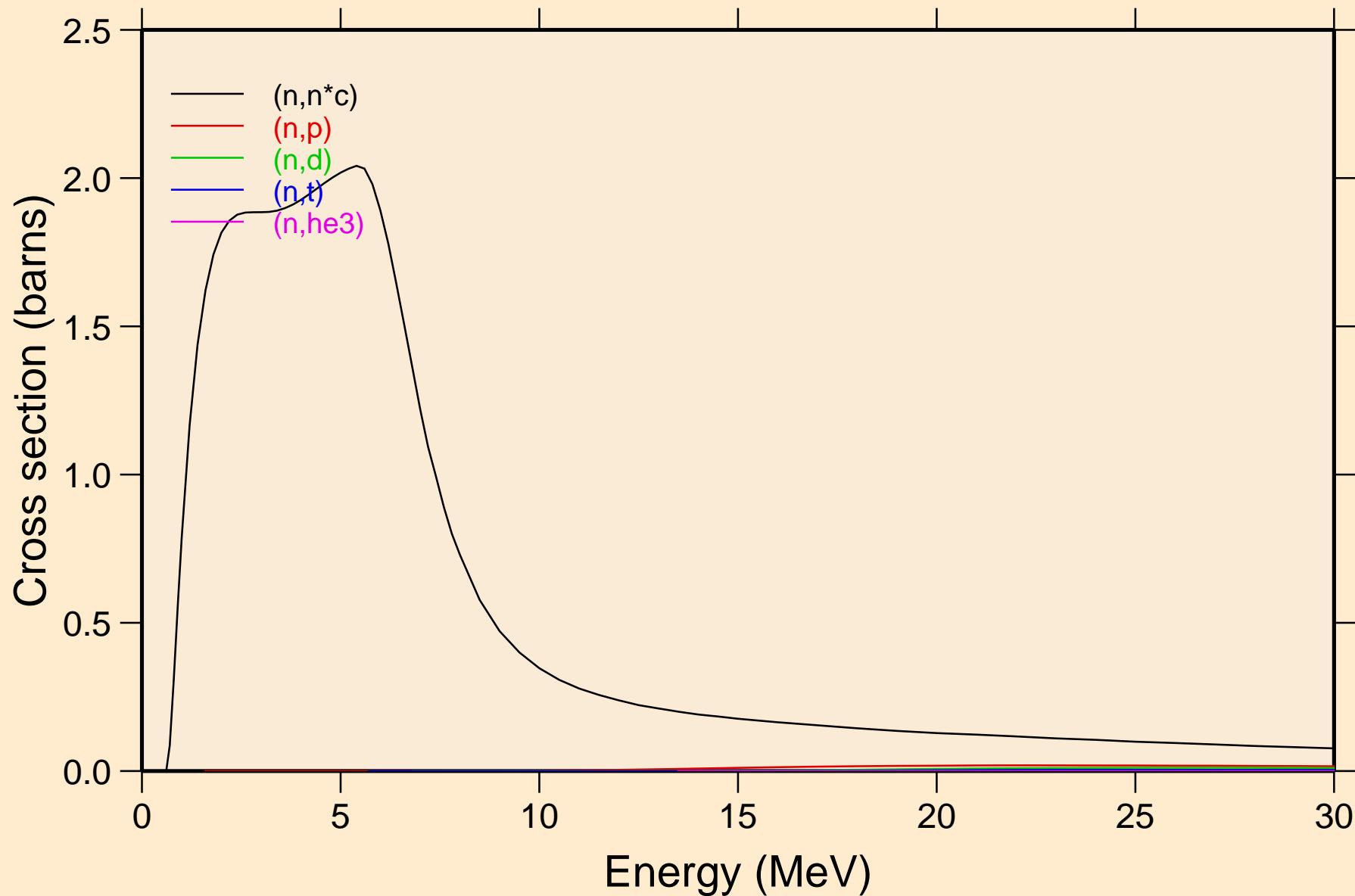
# RH110M NRG TENDL-2015, AKONING

## Threshold reactions



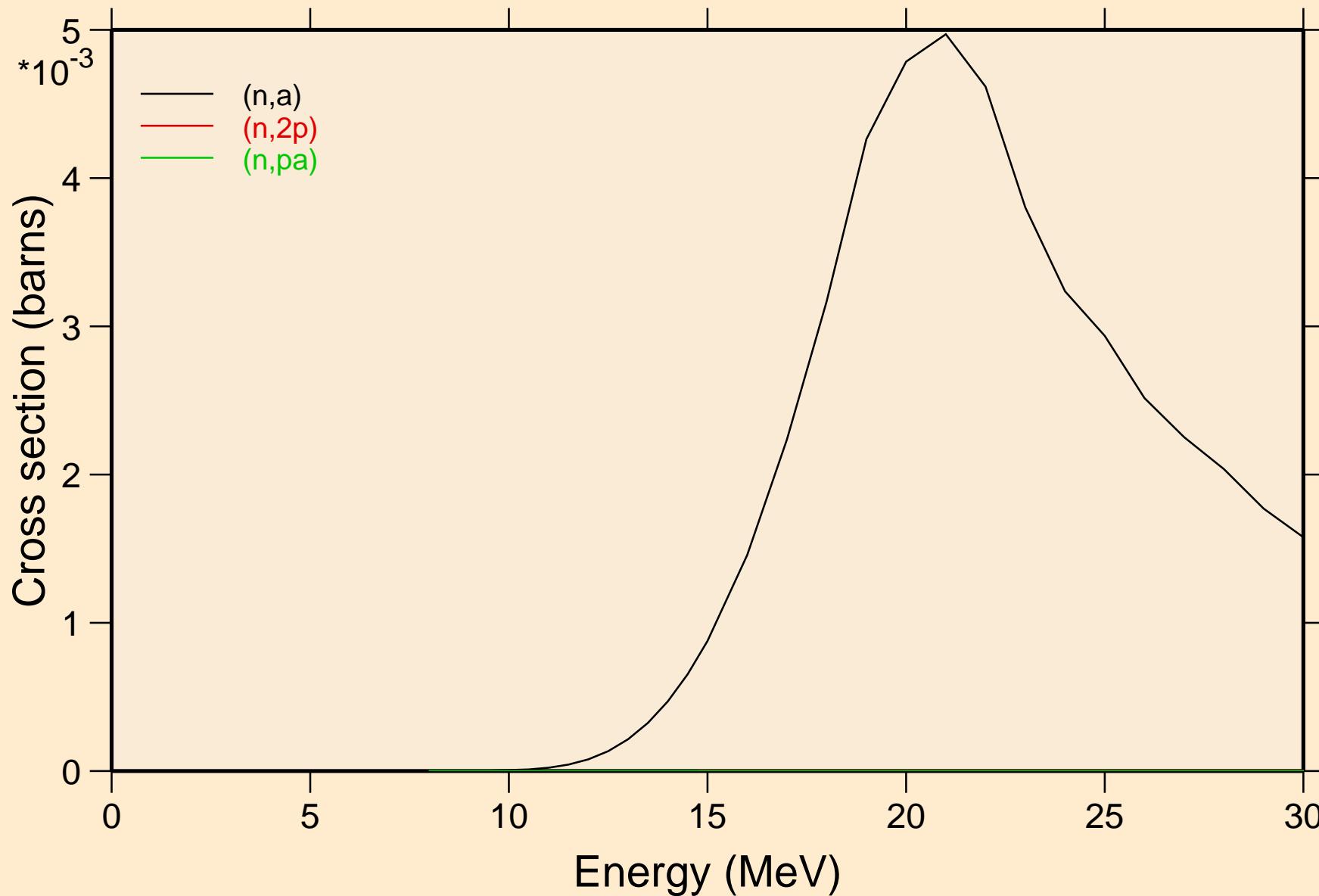
# RH110M NRG TENDL-2015, AKONING

## Threshold reactions

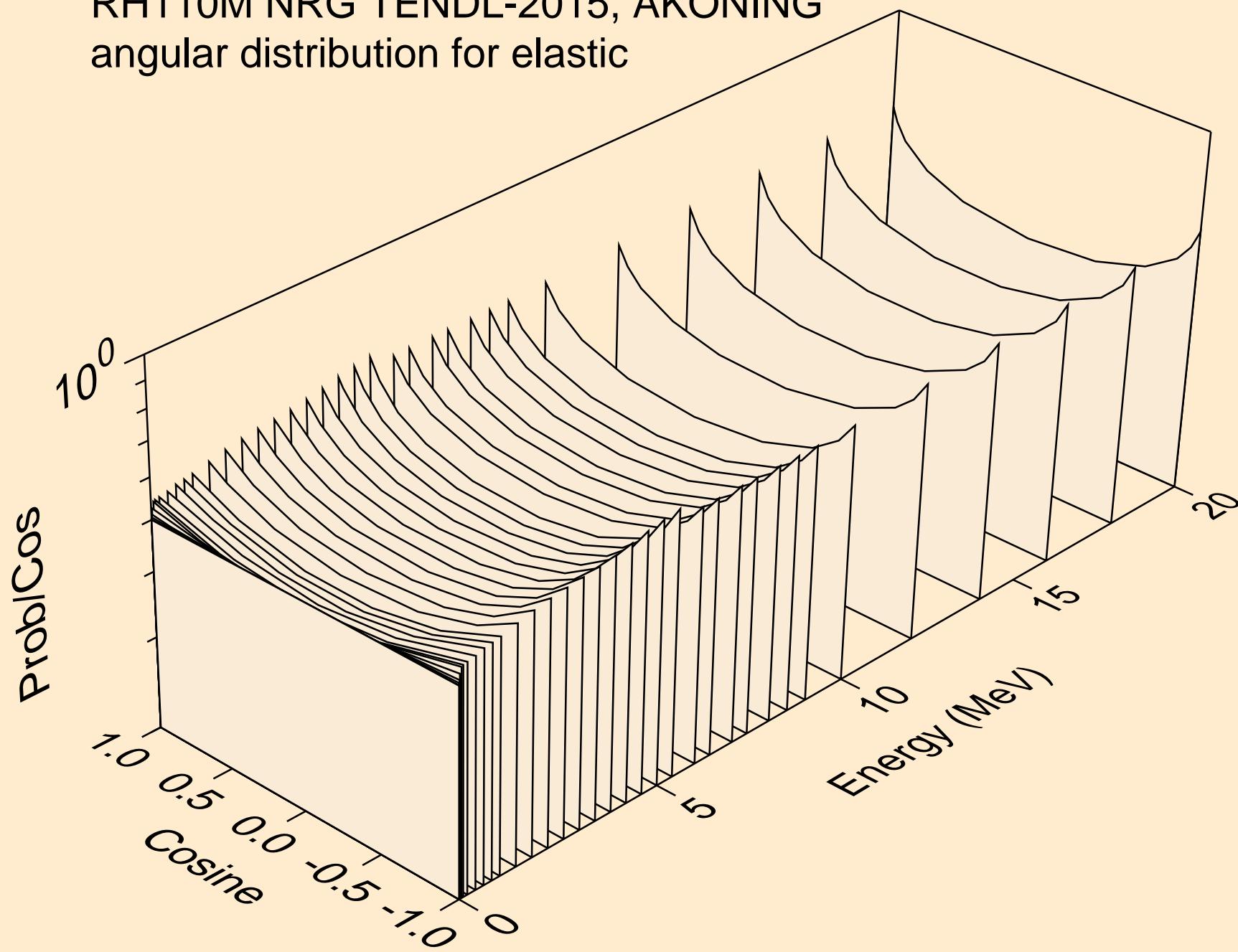


# RH110M NRG TENDL-2015, AKONING

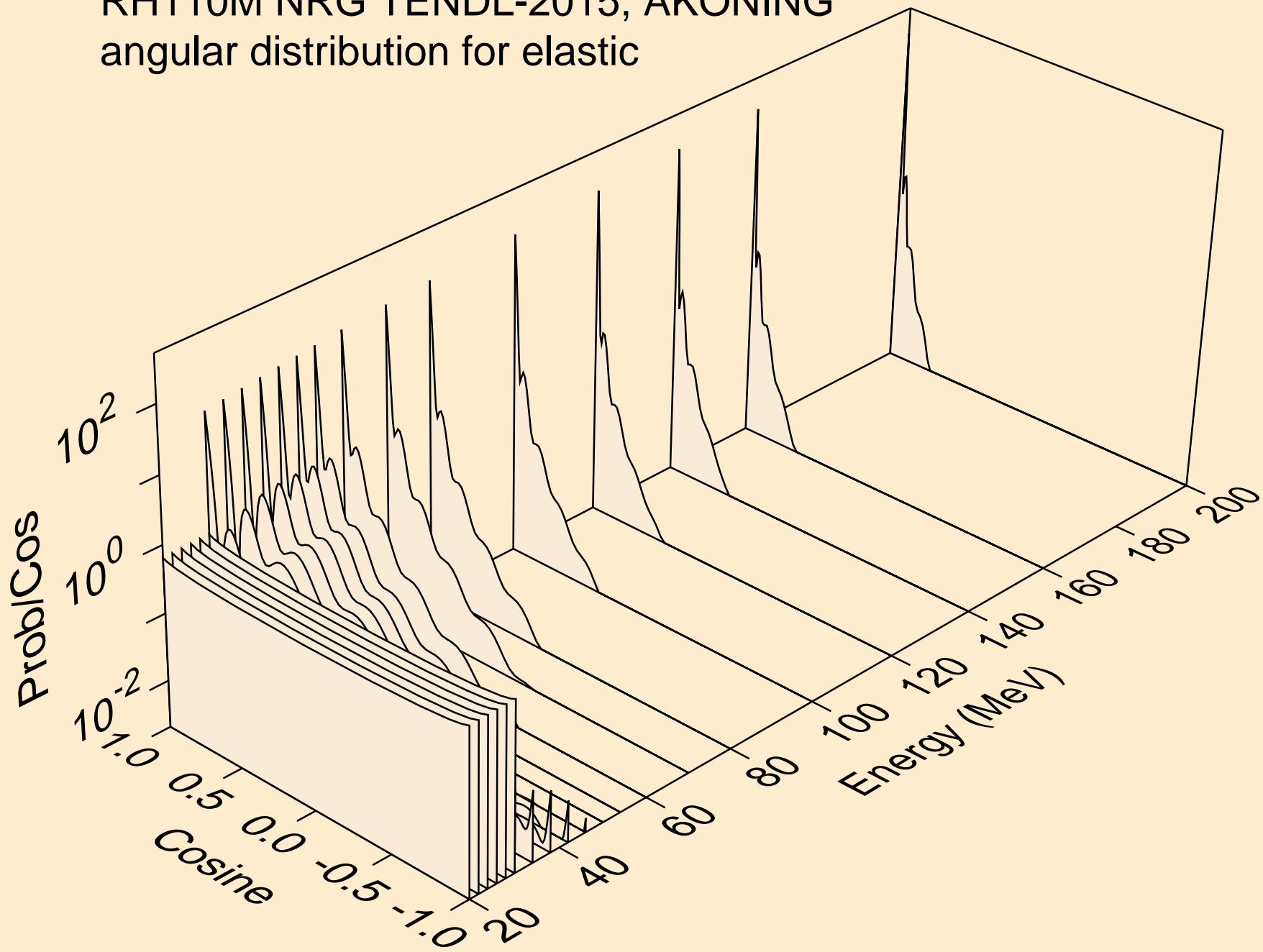
## Threshold reactions



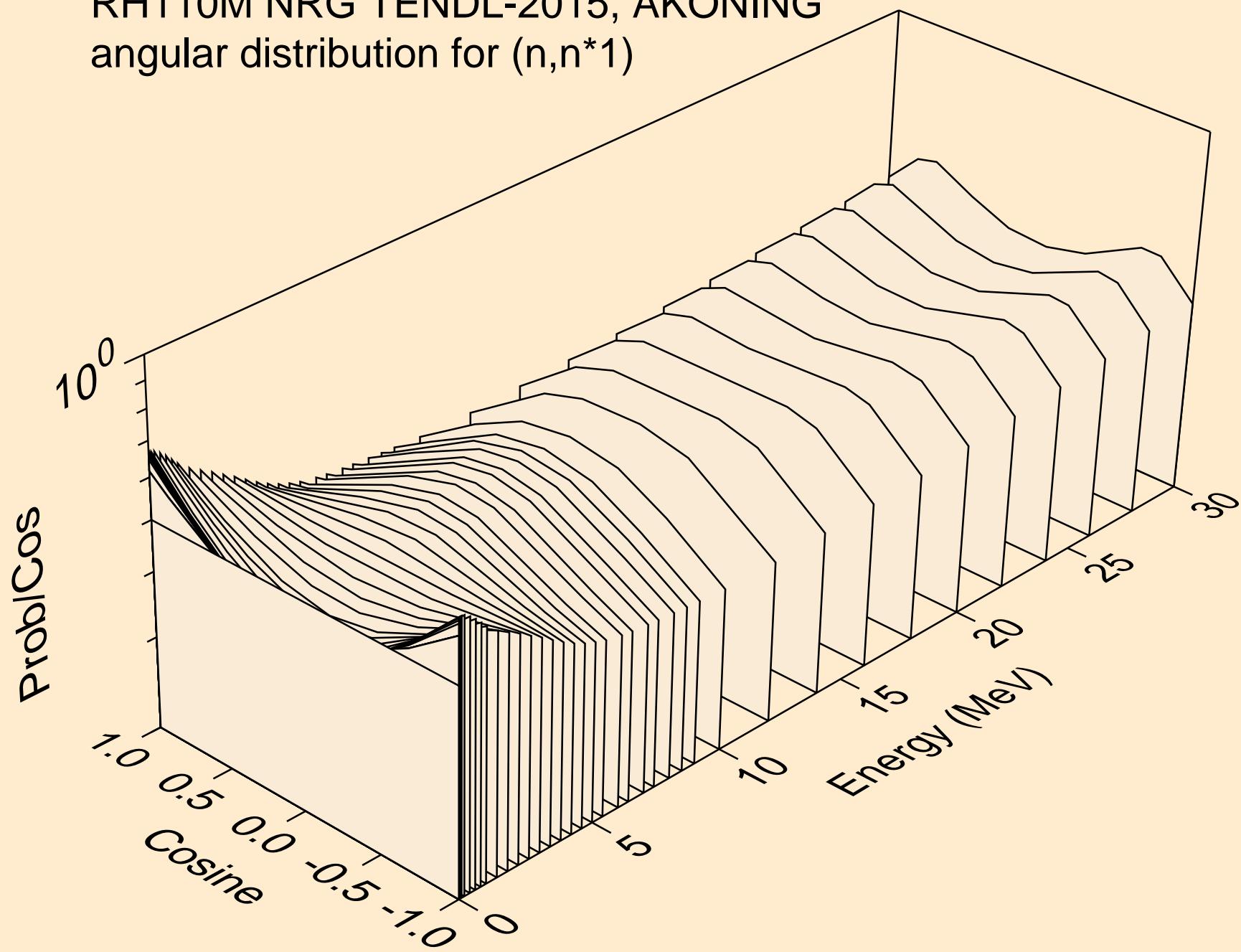
RH110M NRG TENDL-2015, AKONING  
angular distribution for elastic



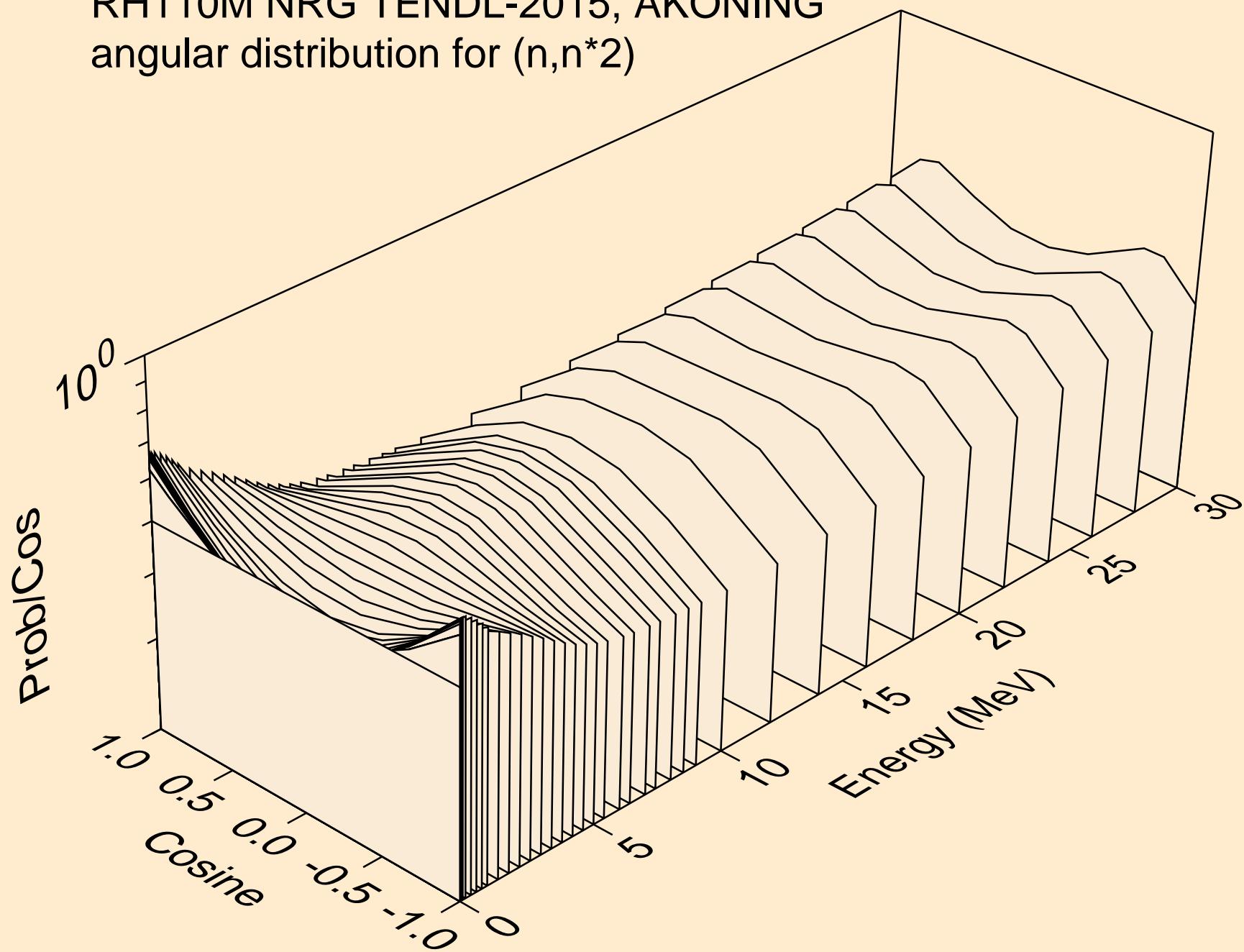
RH110M NRG TENDL-2015, AKONING  
angular distribution for elastic



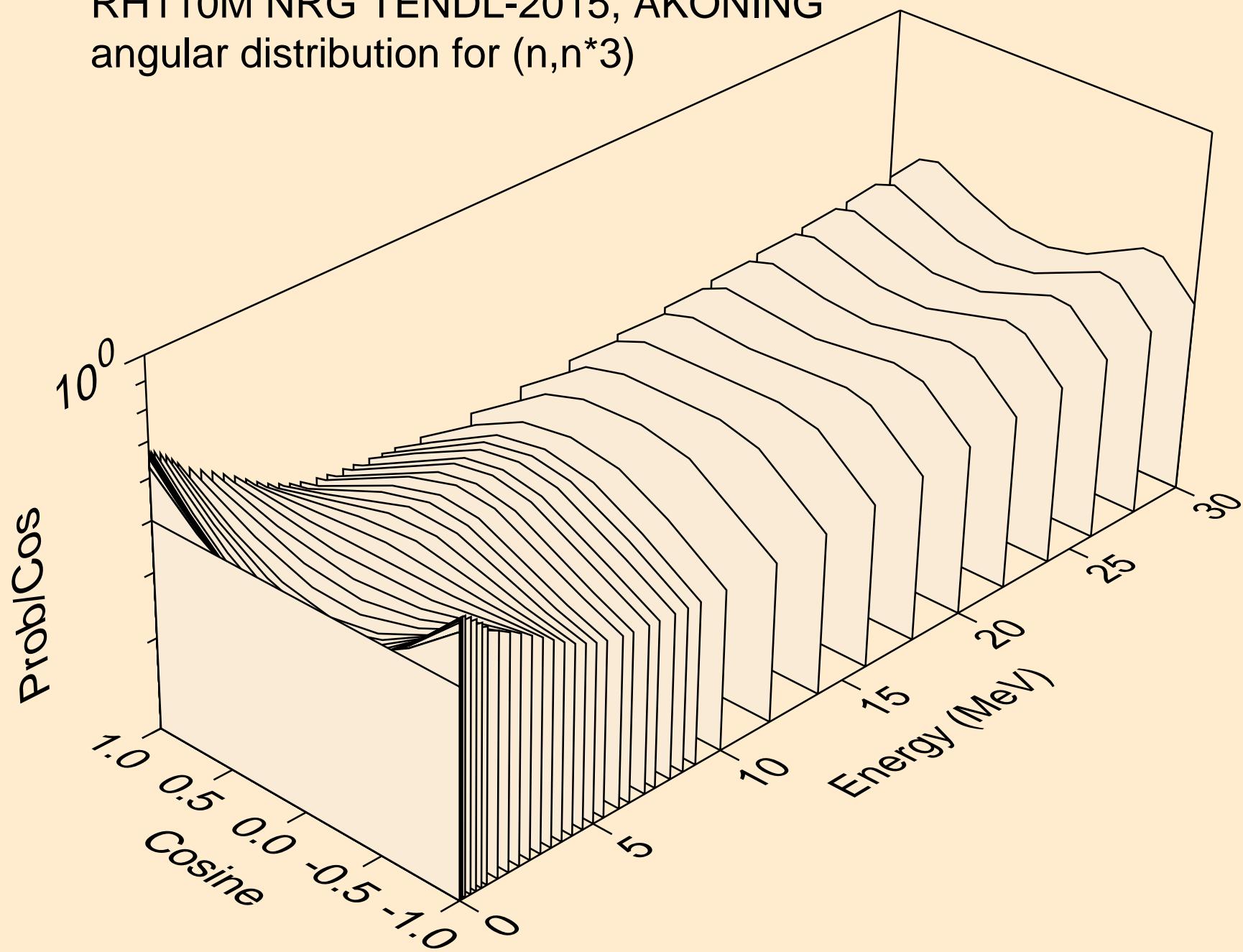
RH110M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



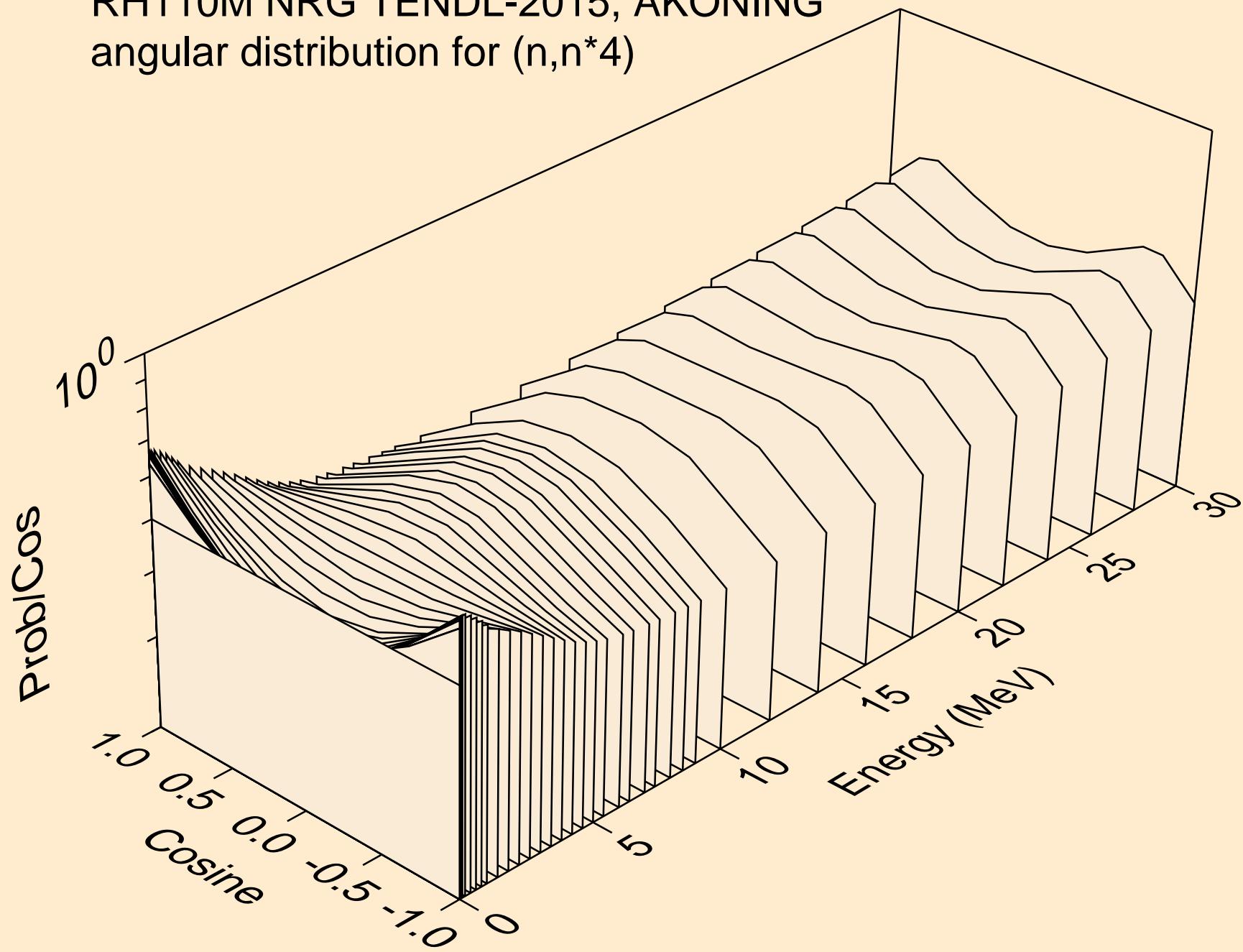
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*2)$



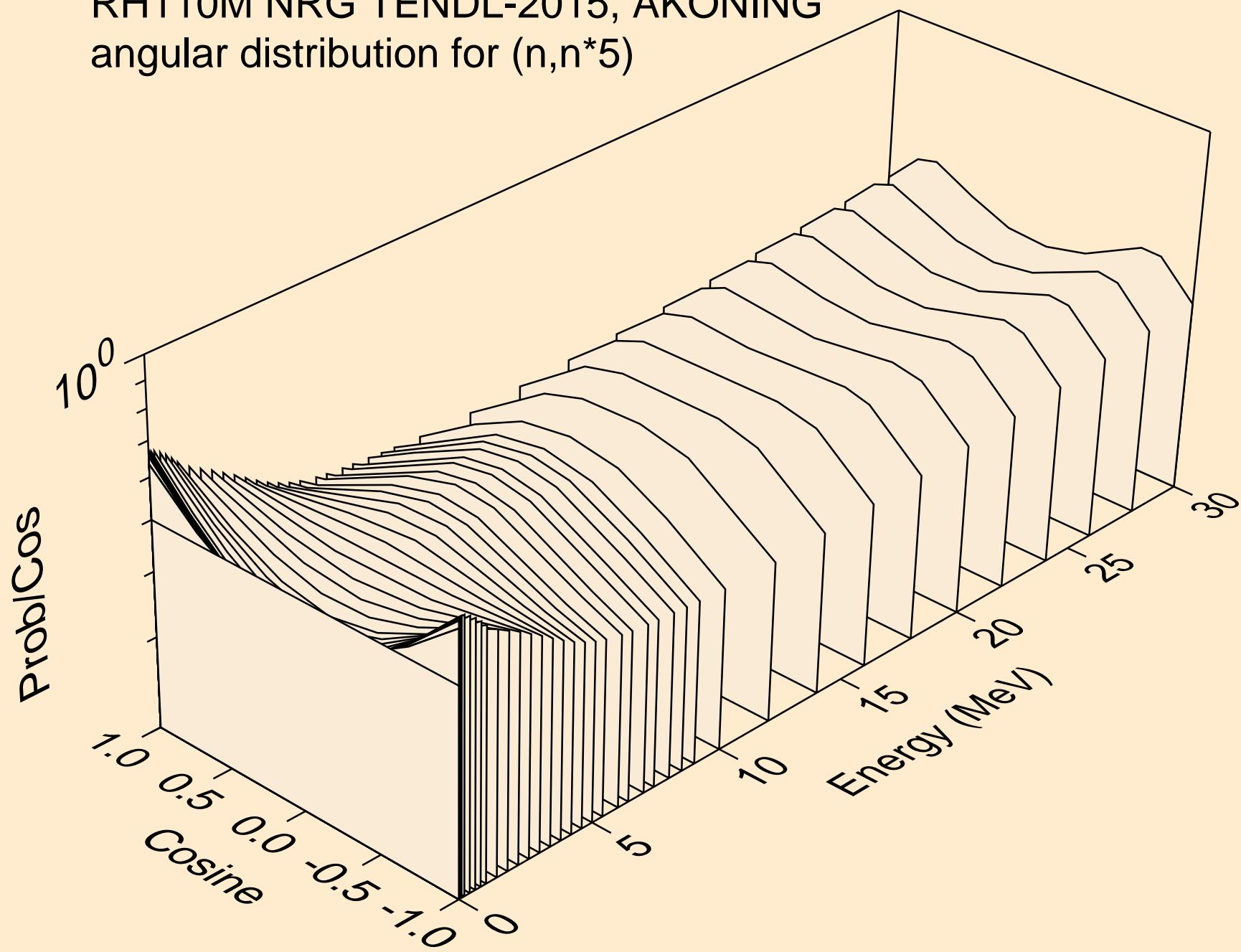
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



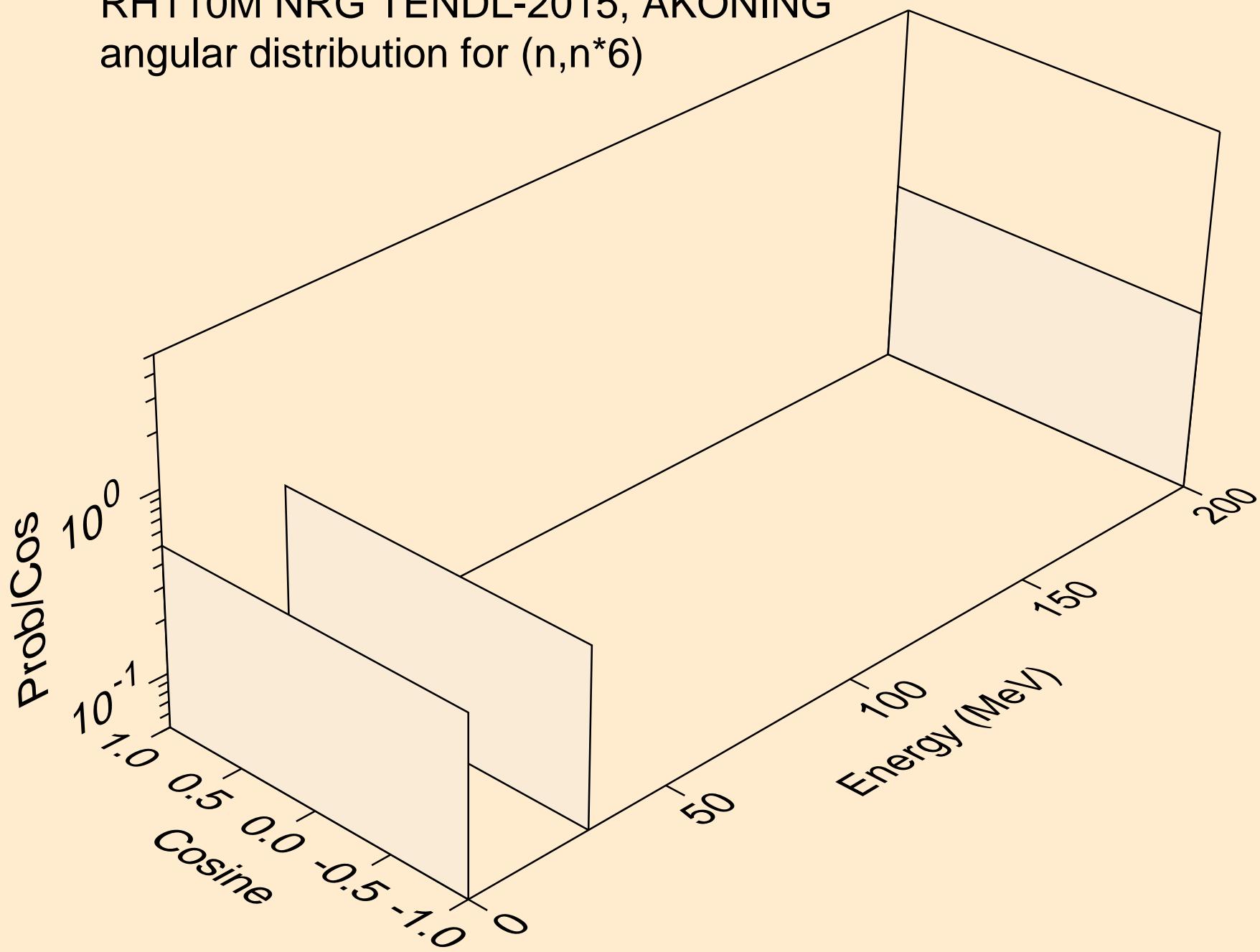
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



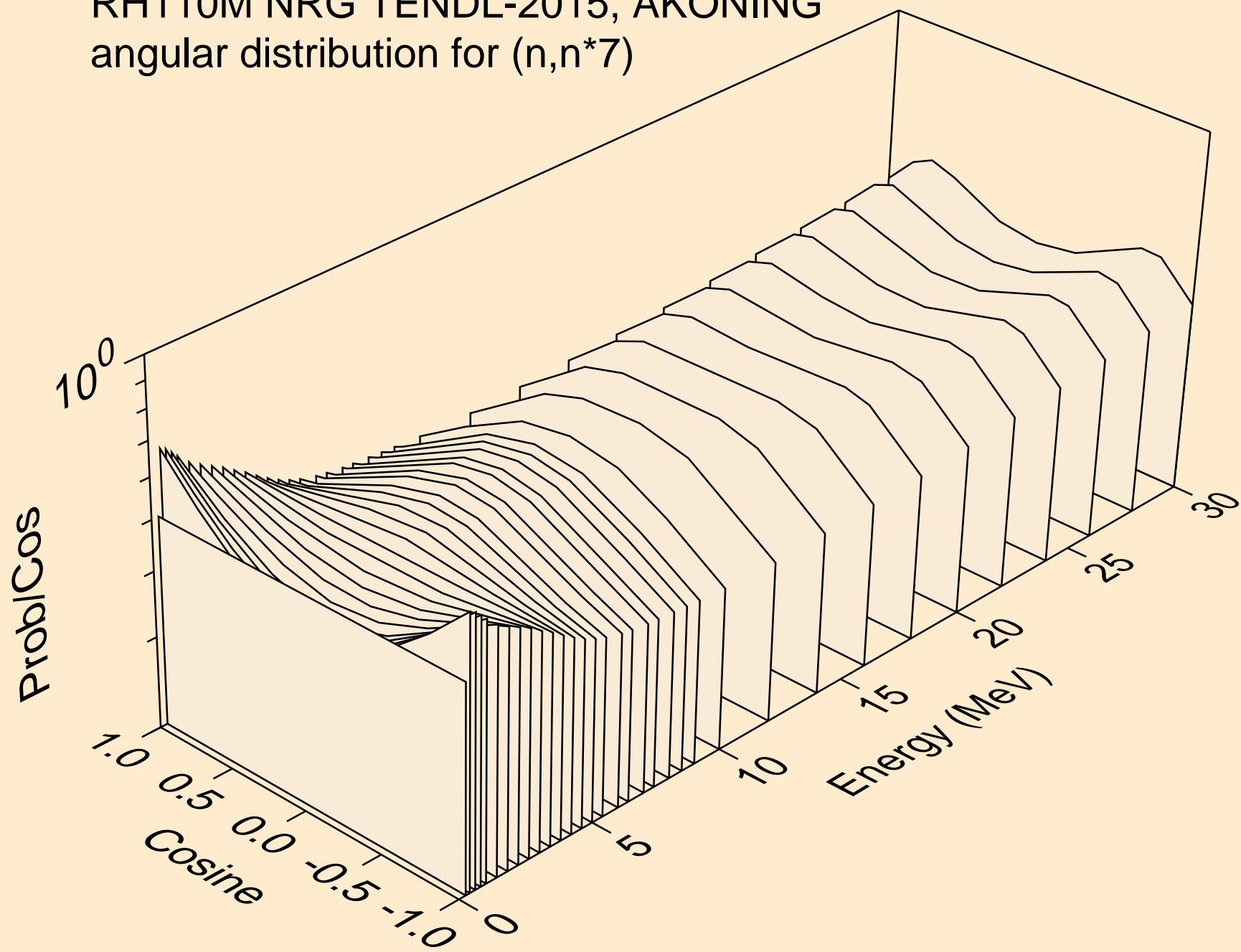
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



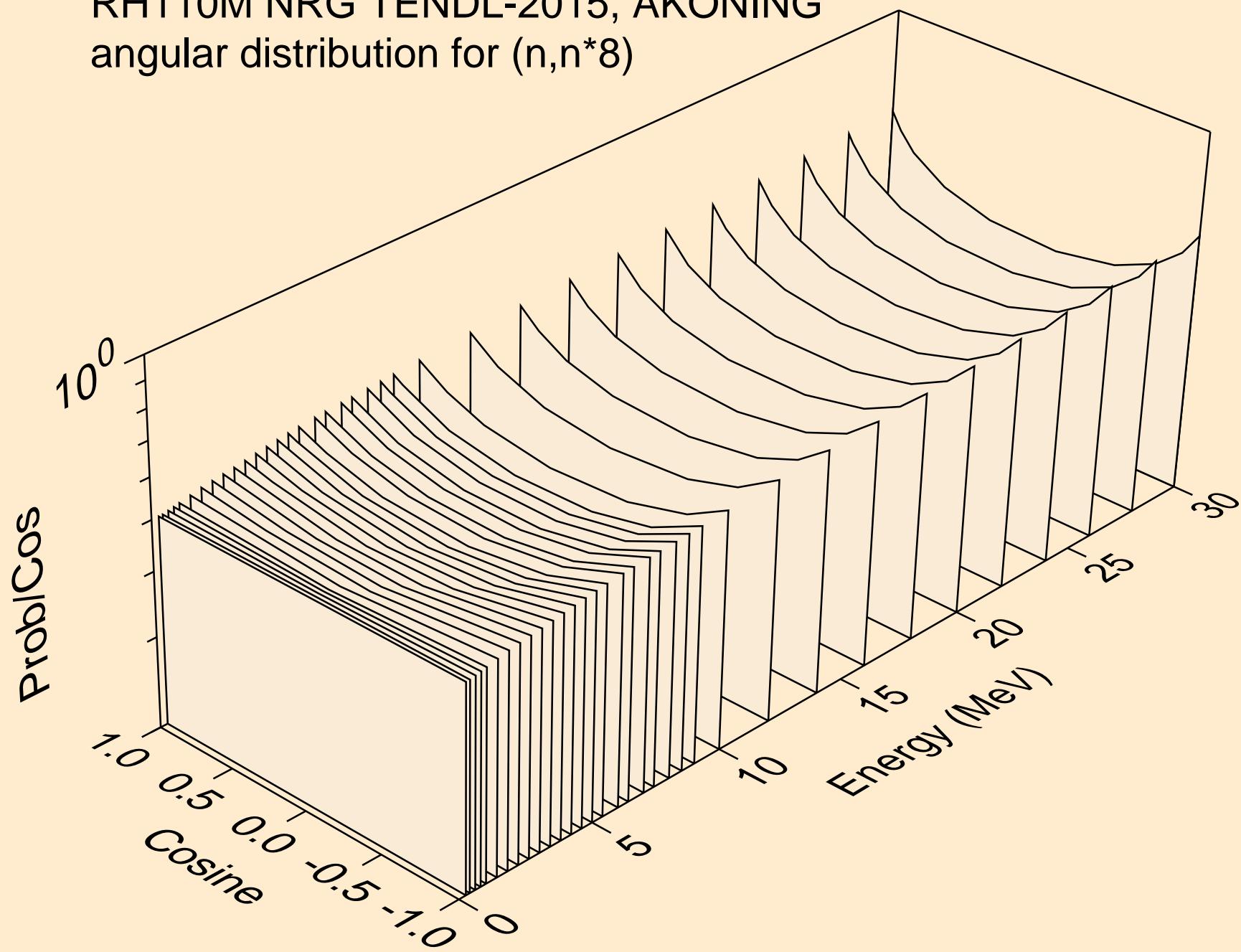
RH110M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



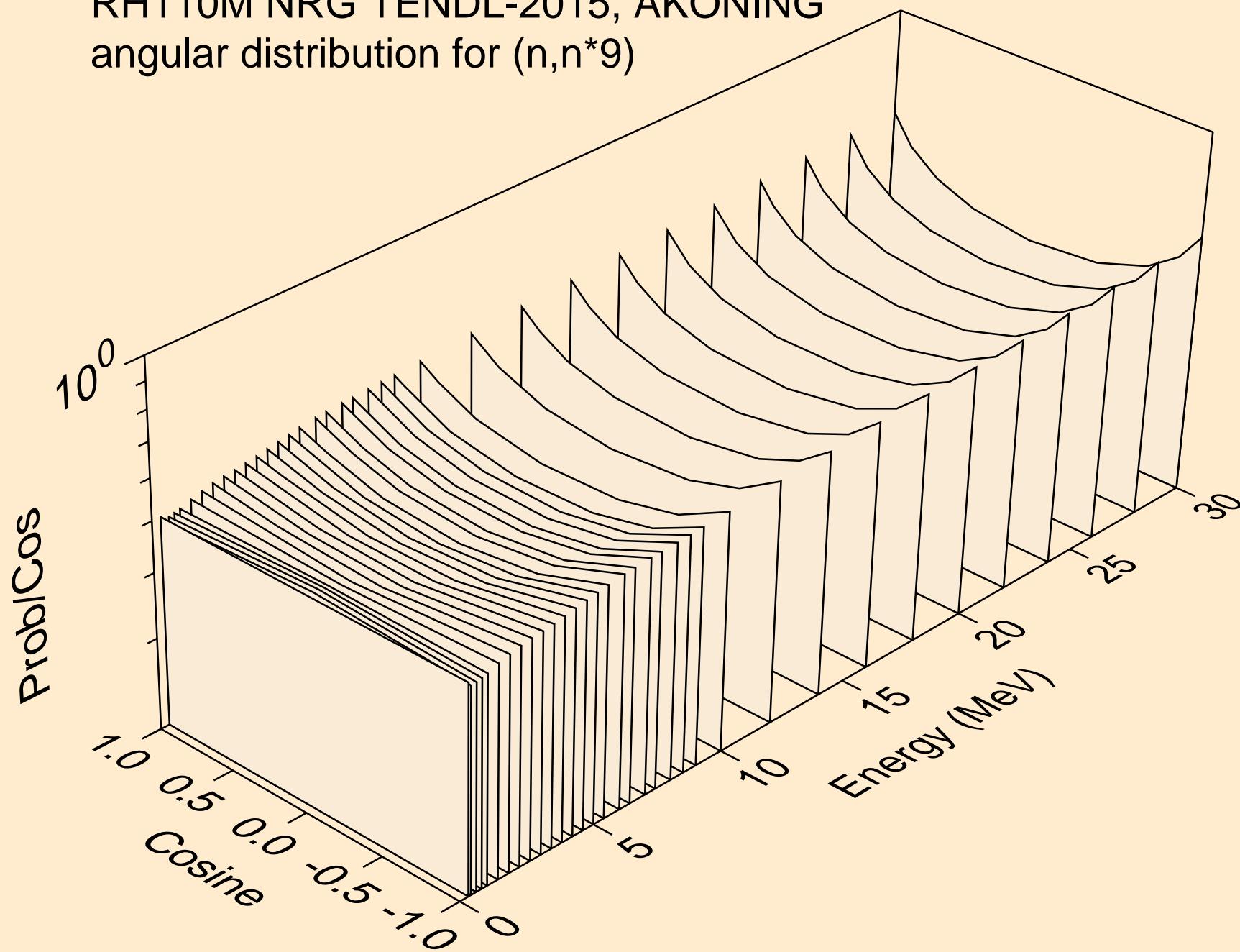
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



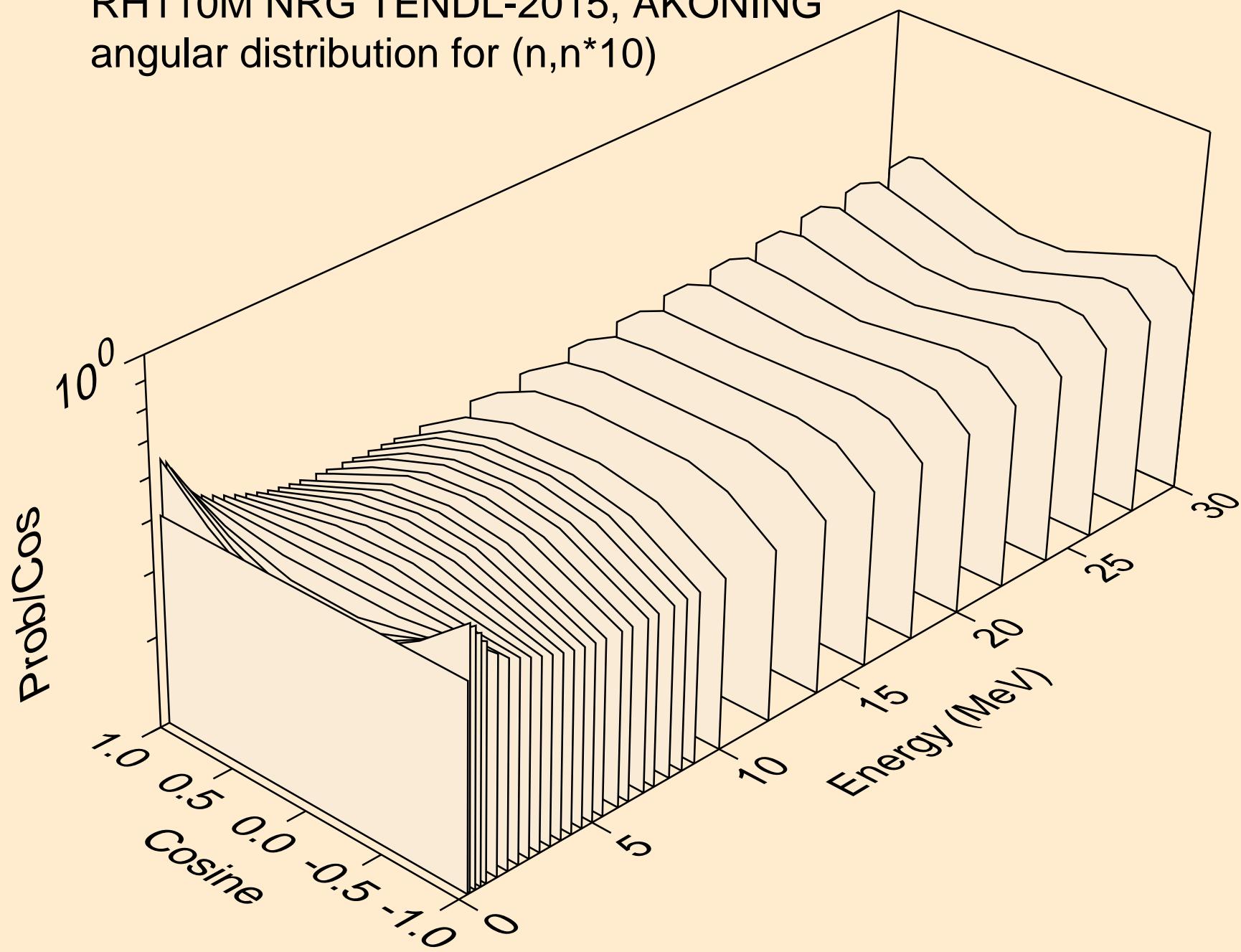
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



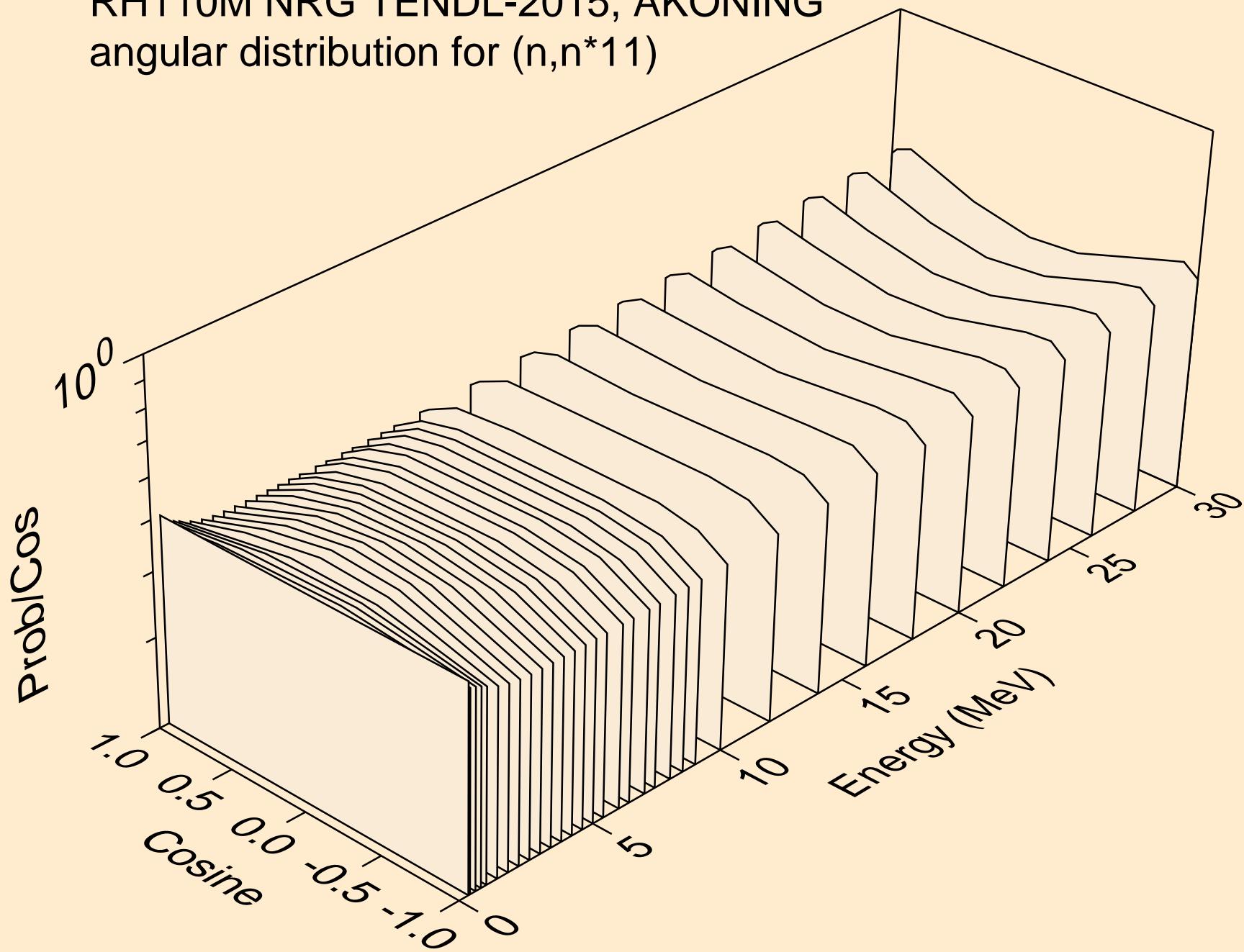
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)9$



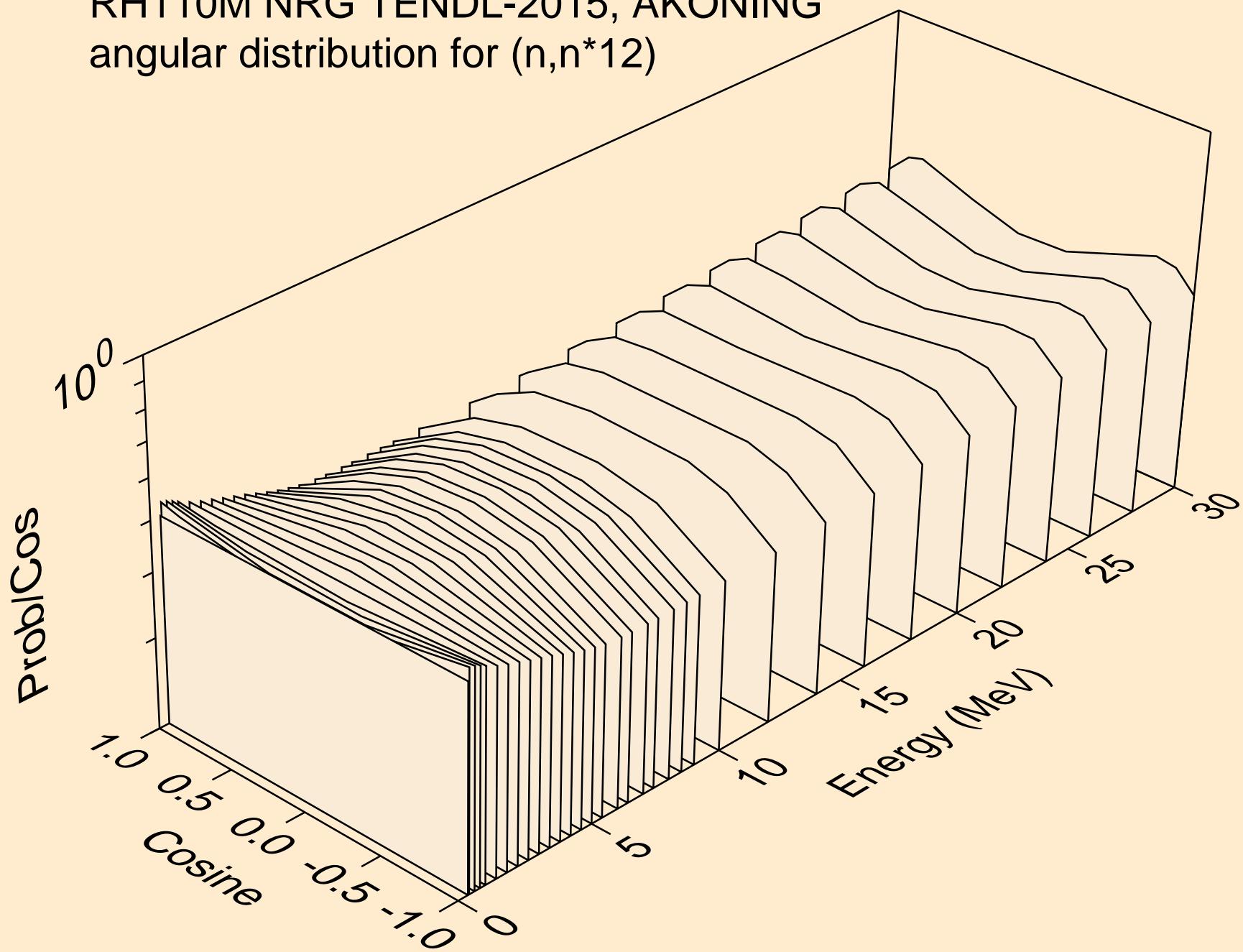
RH110M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



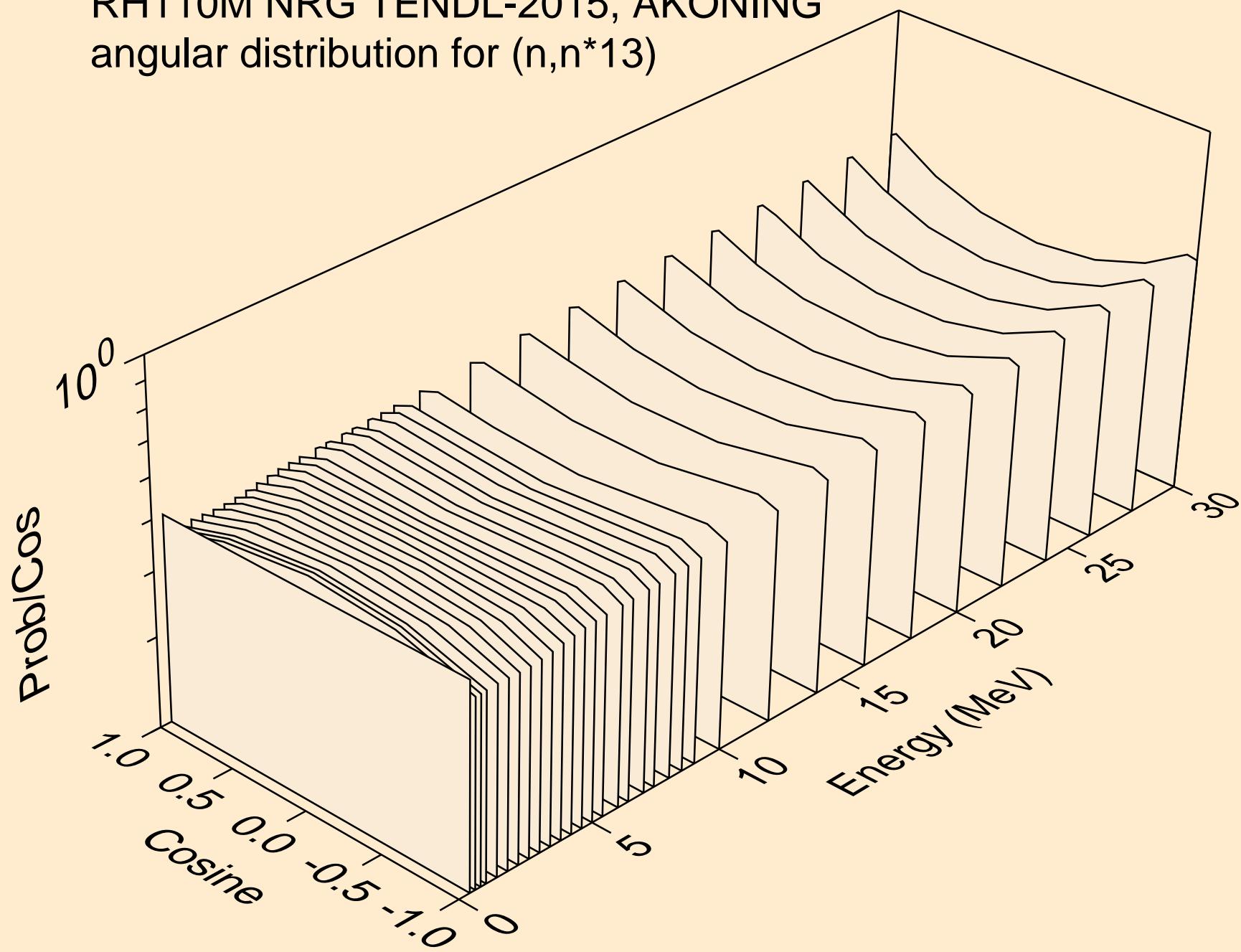
RH110M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



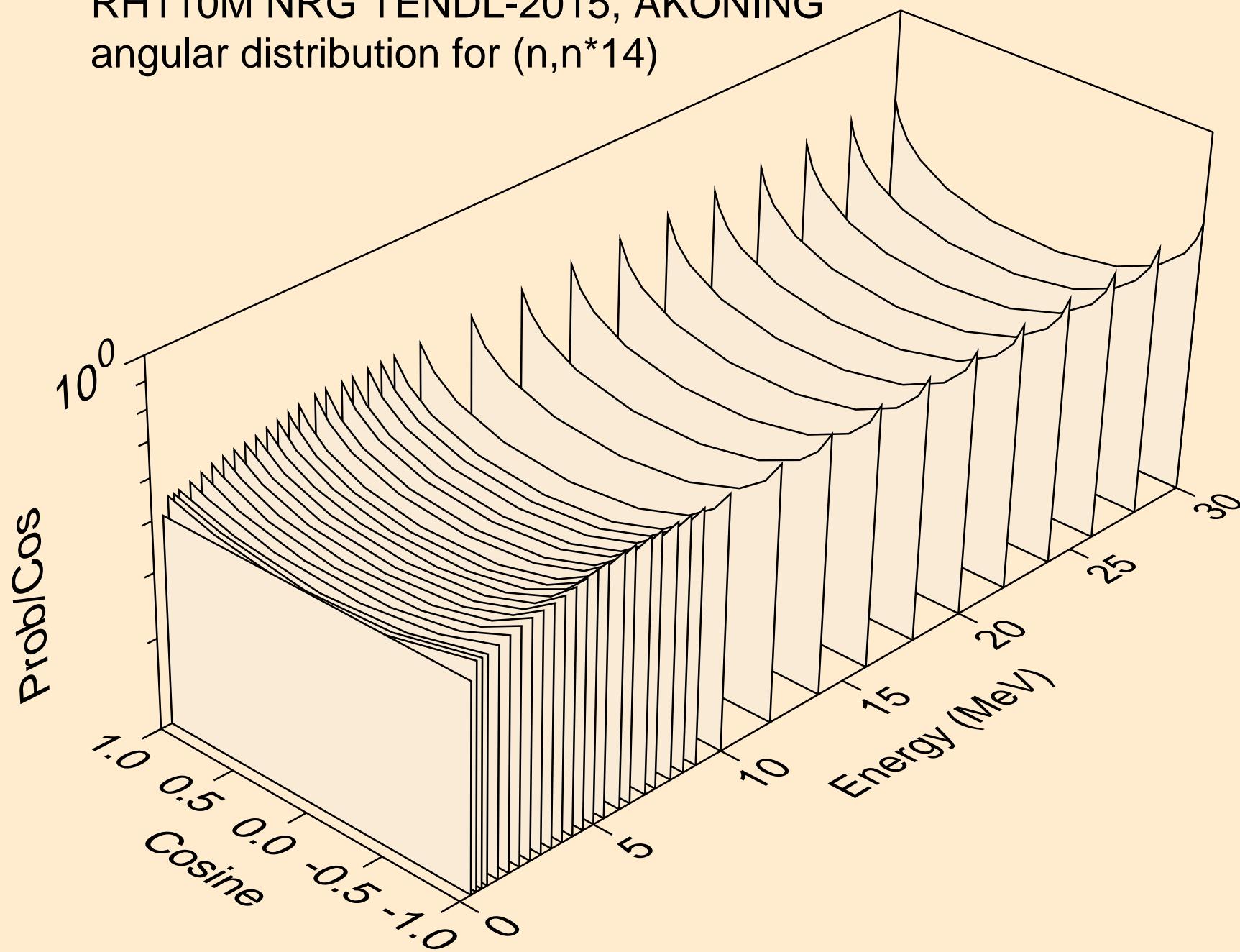
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*12)$



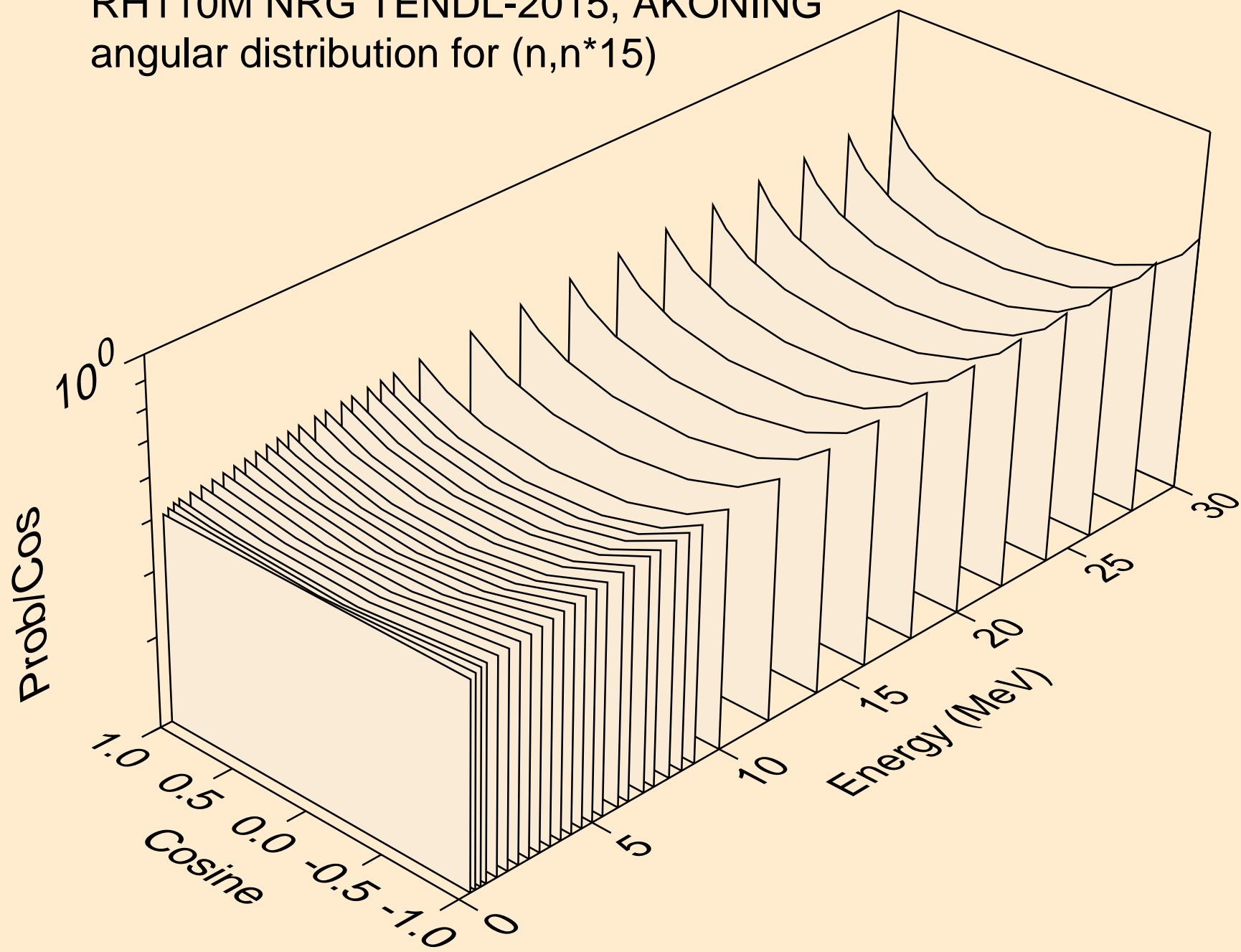
RH110M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



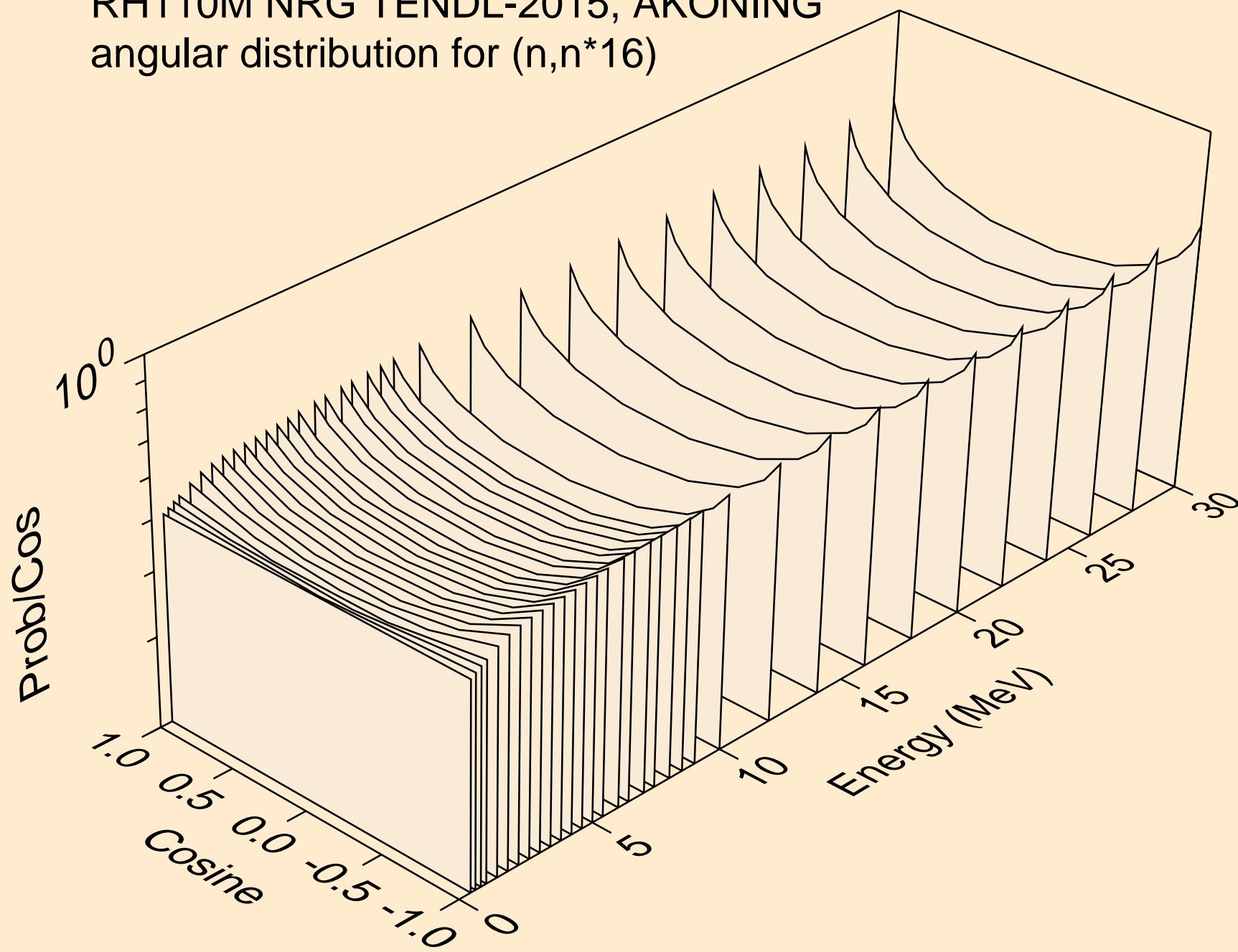
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*14)$



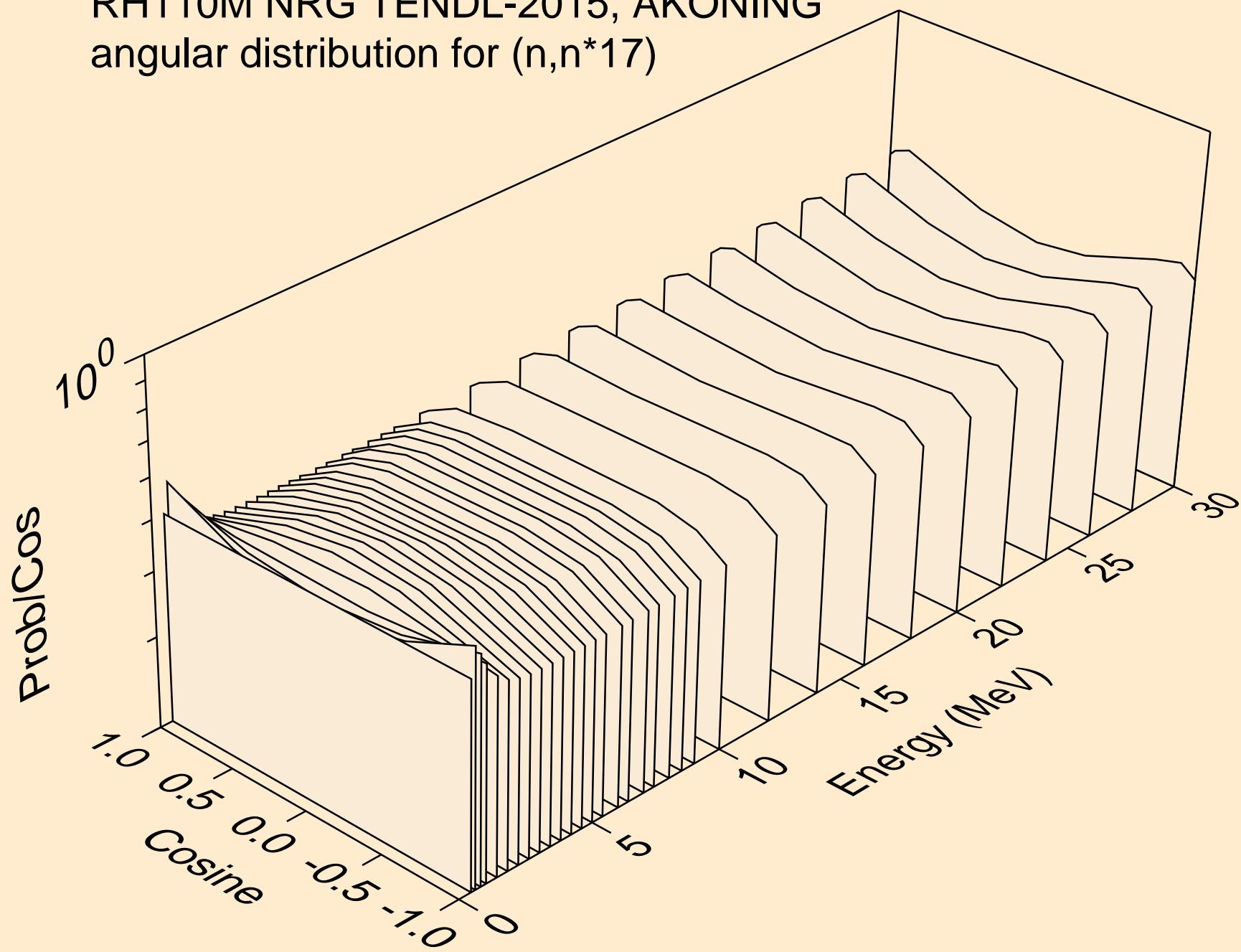
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*15)$



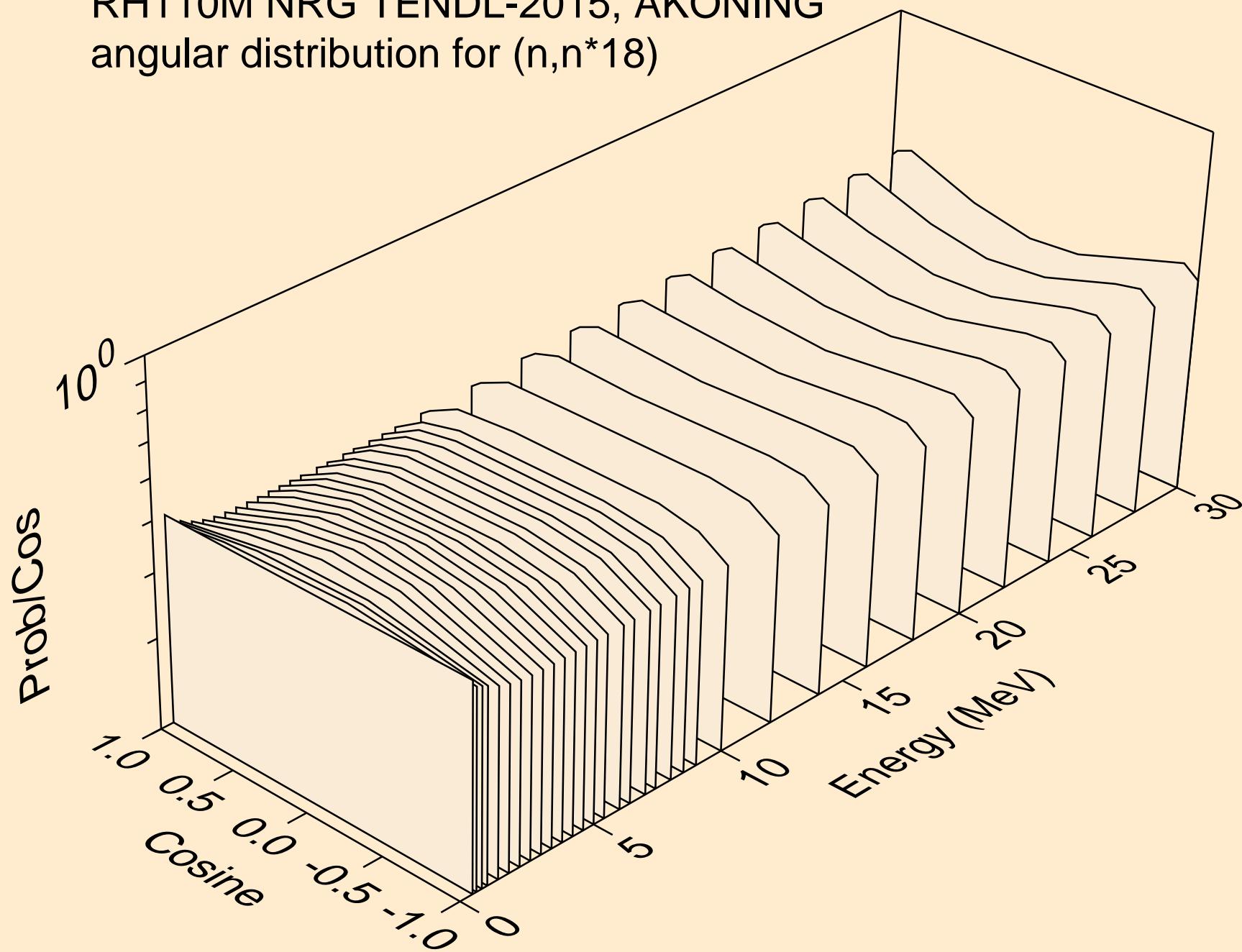
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*16)$



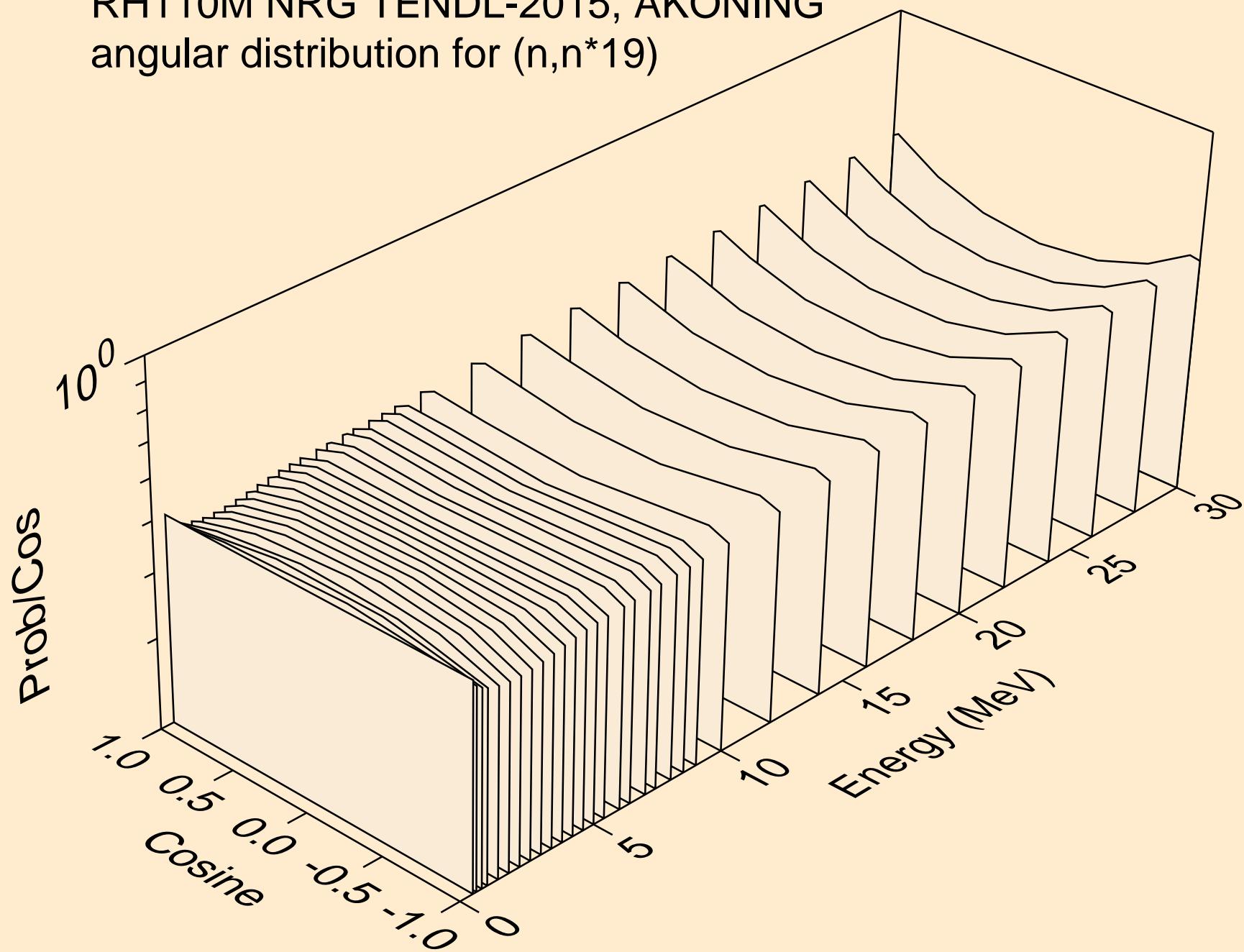
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*17)$



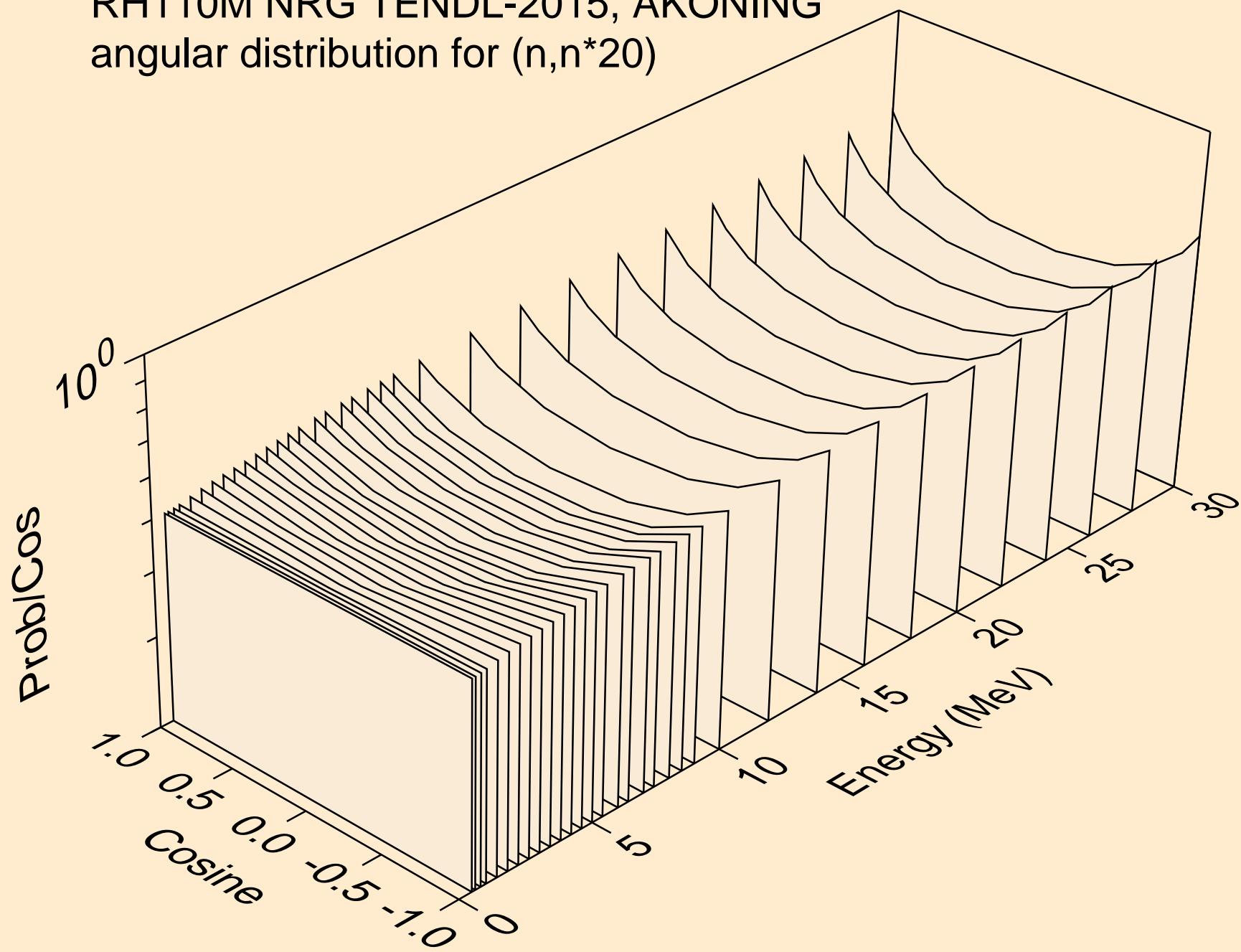
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*18)$



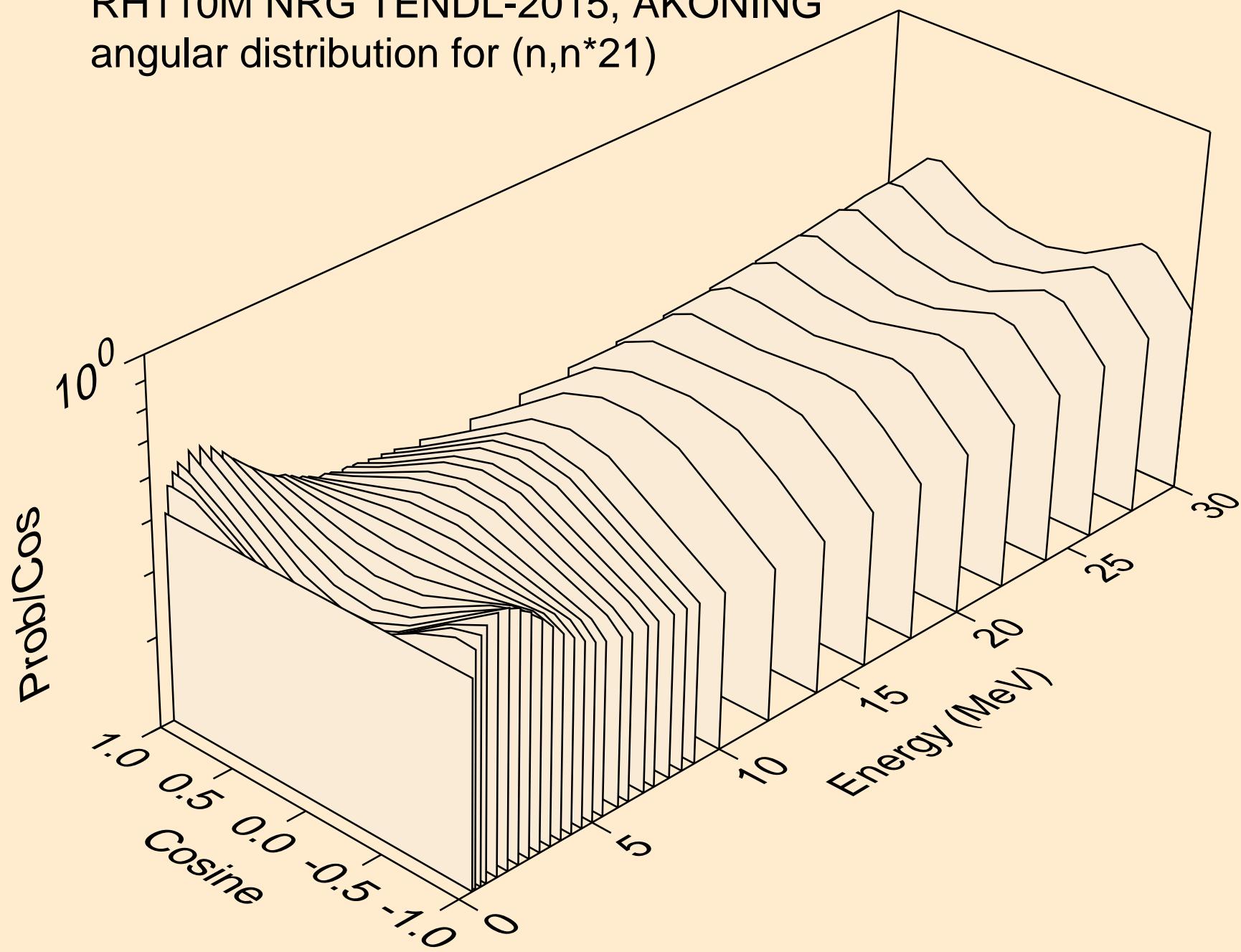
RH110M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



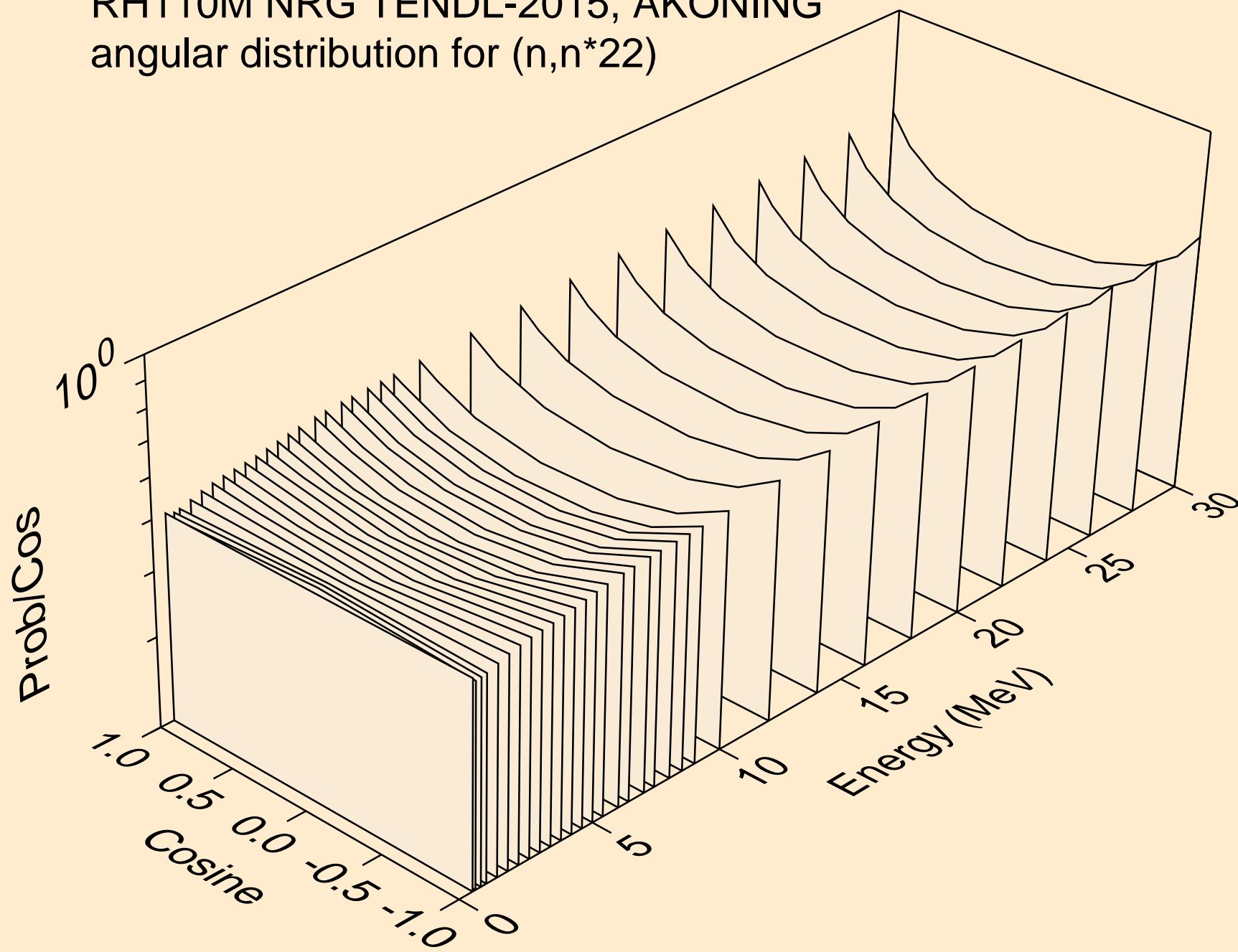
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{20}$



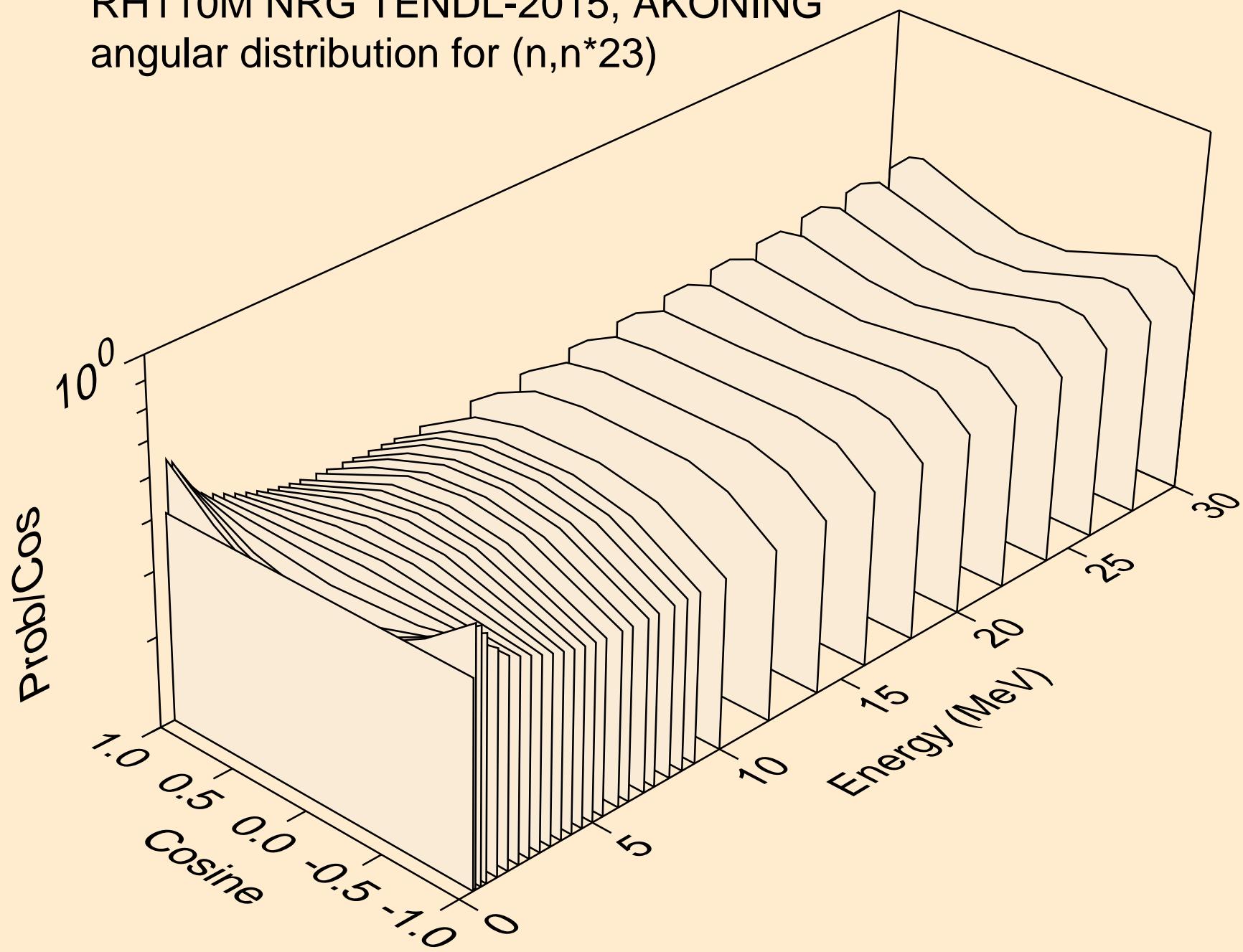
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*21)$



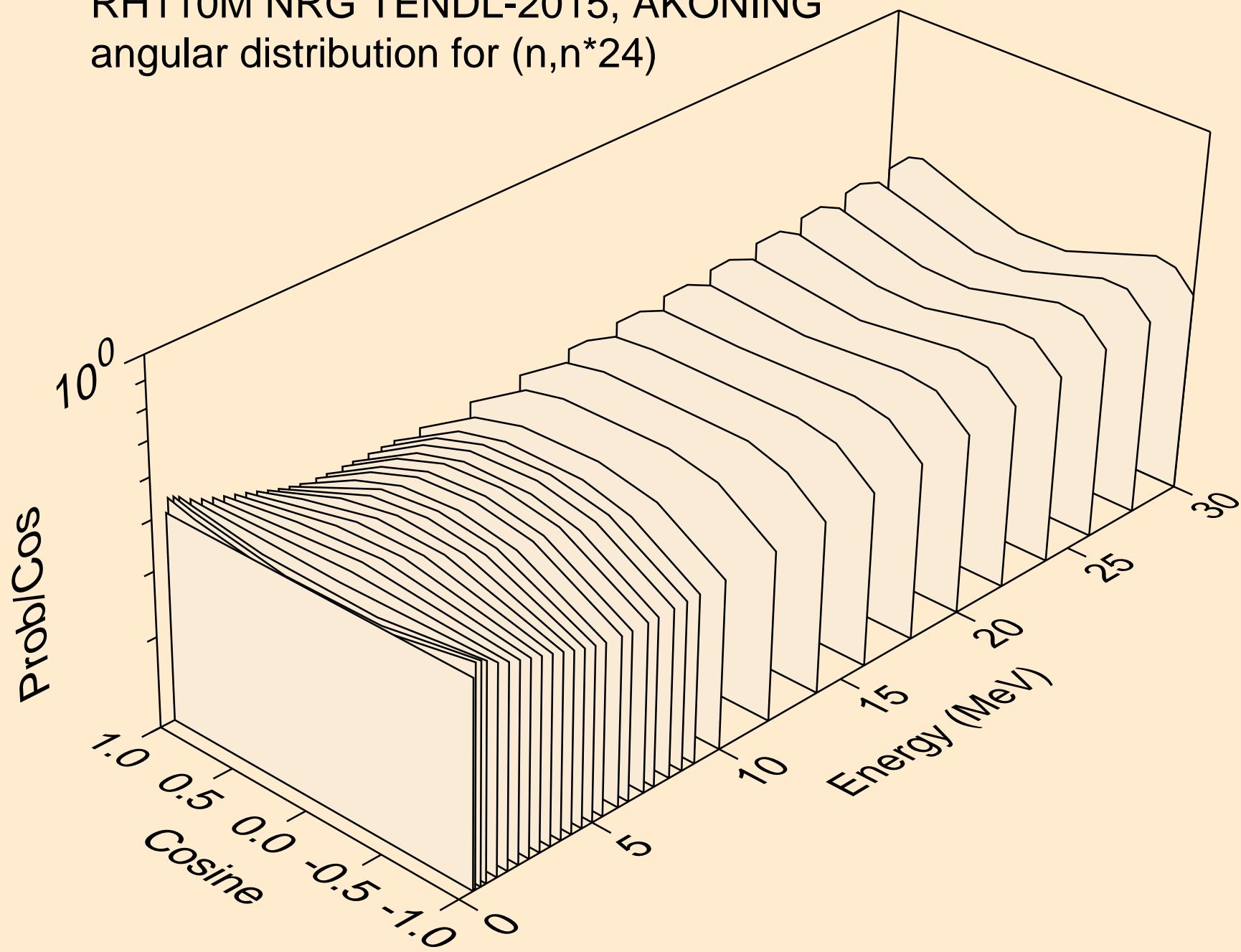
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{22}$



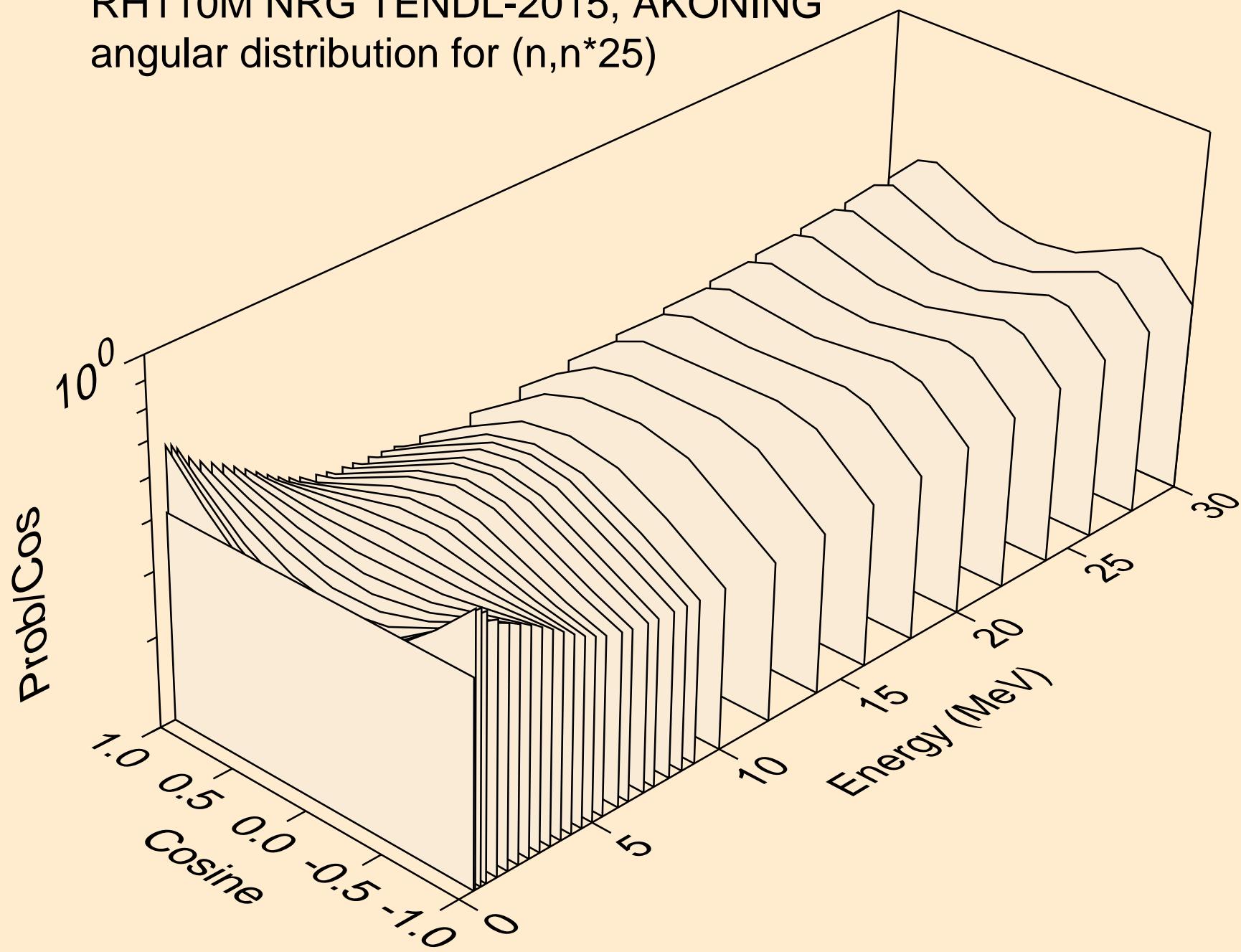
RH110M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



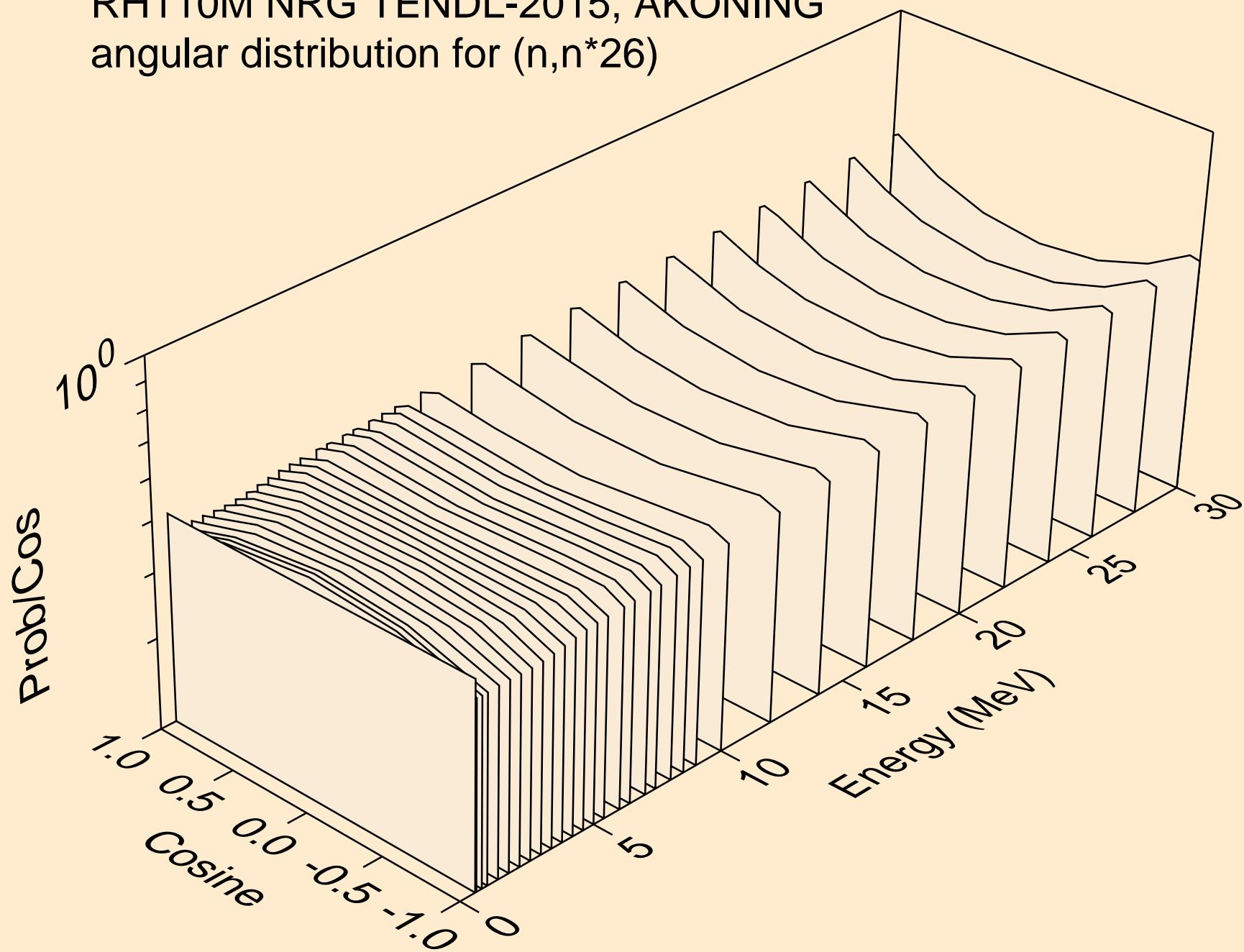
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*24)$



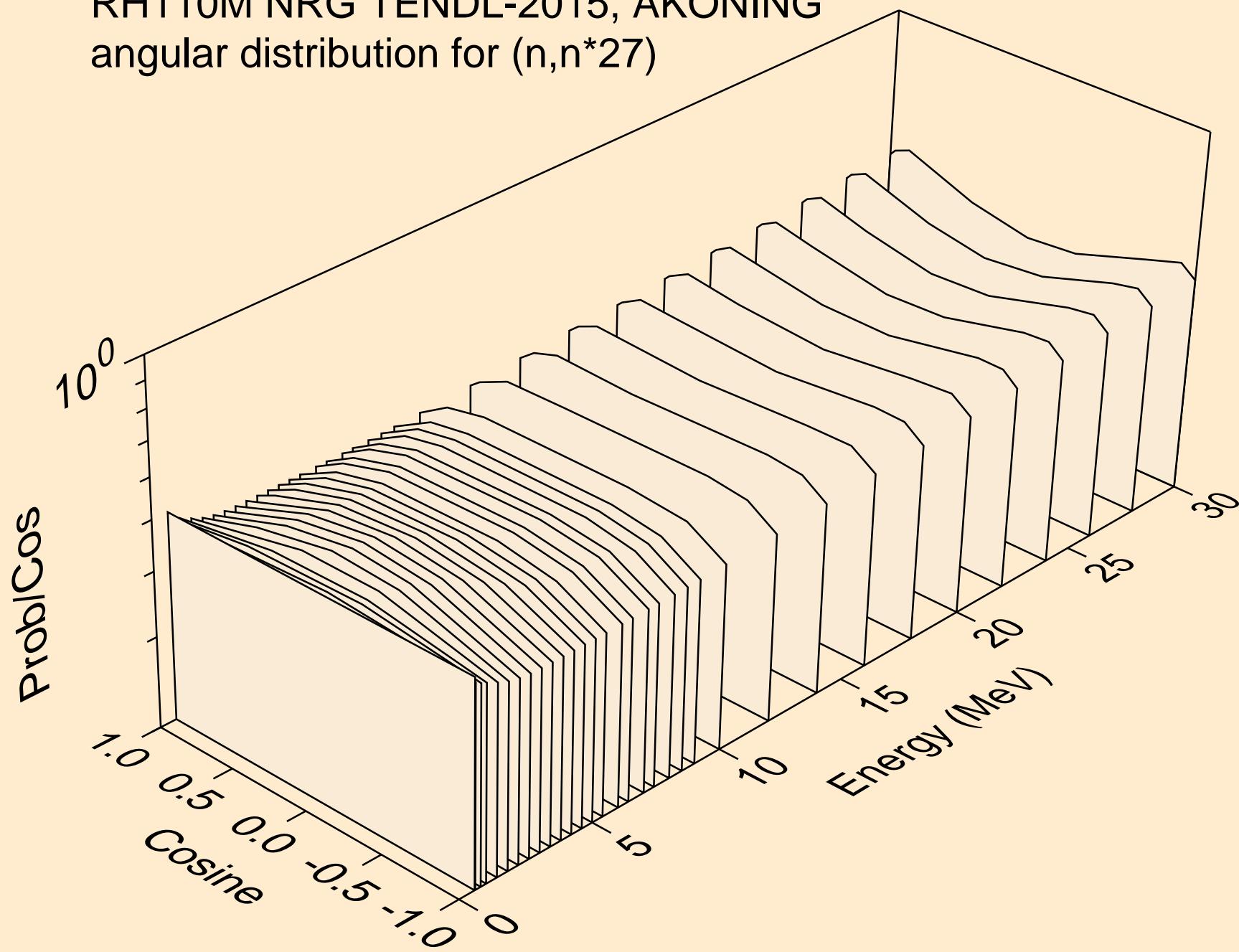
RH110M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



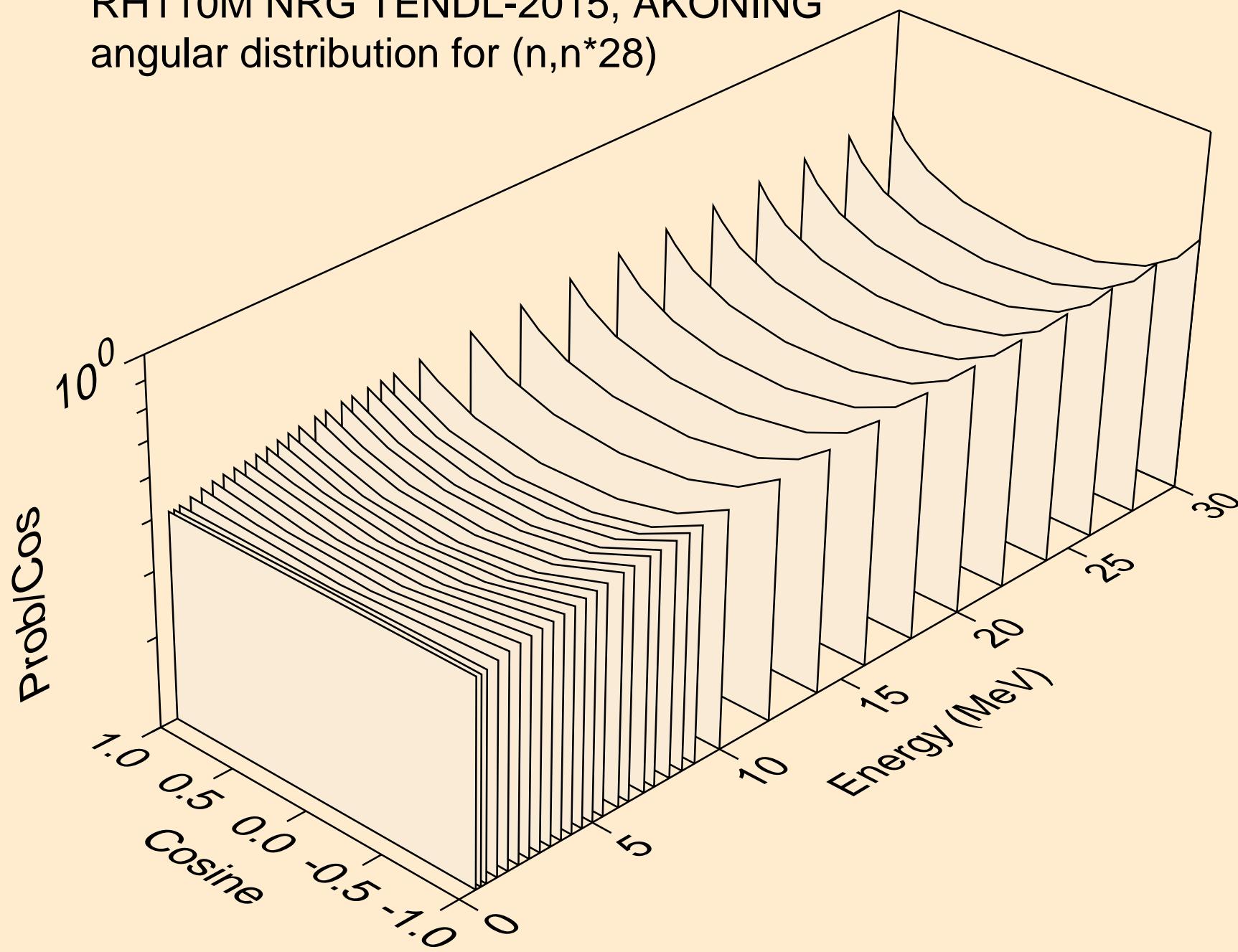
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{26}$



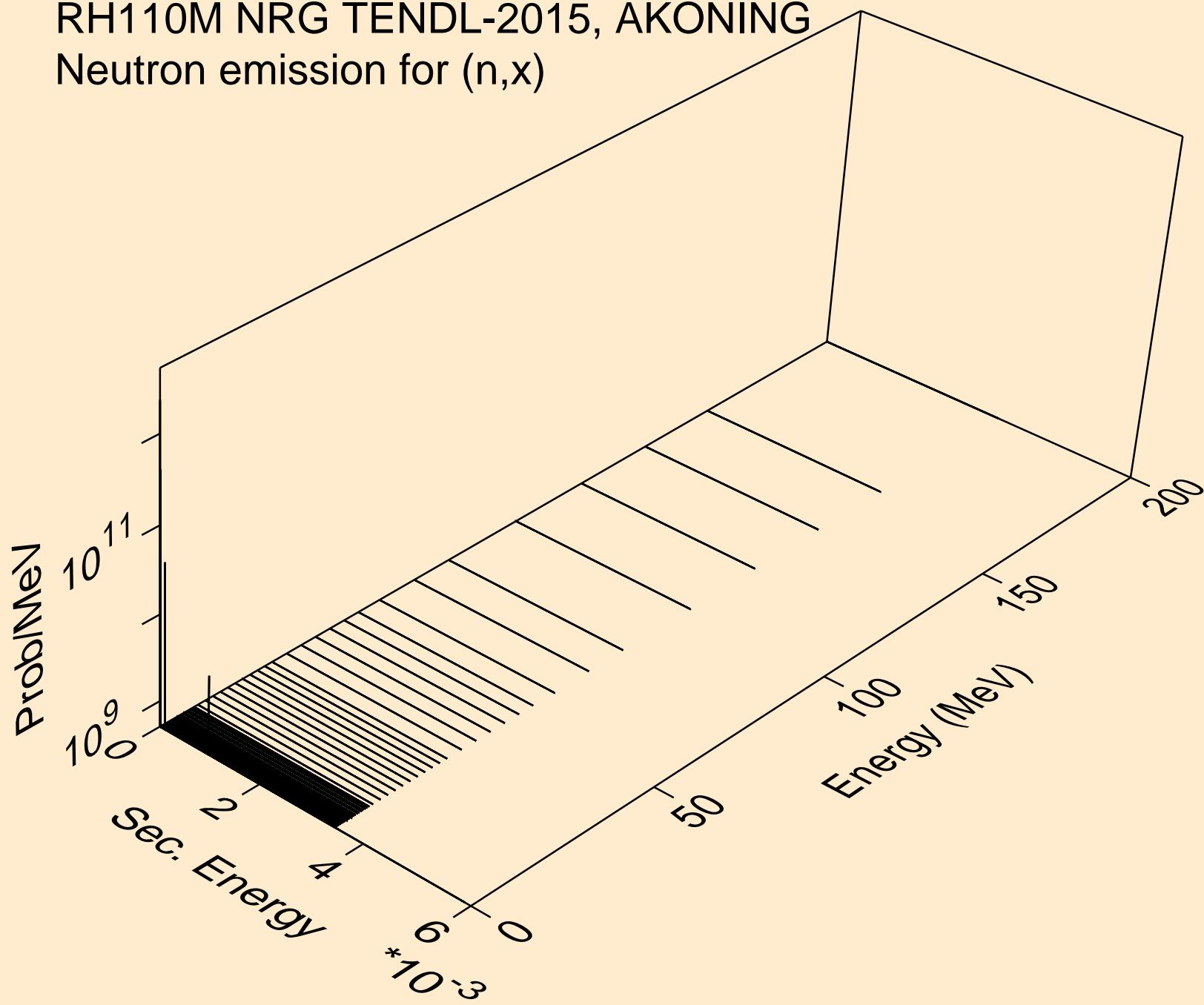
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*27)$



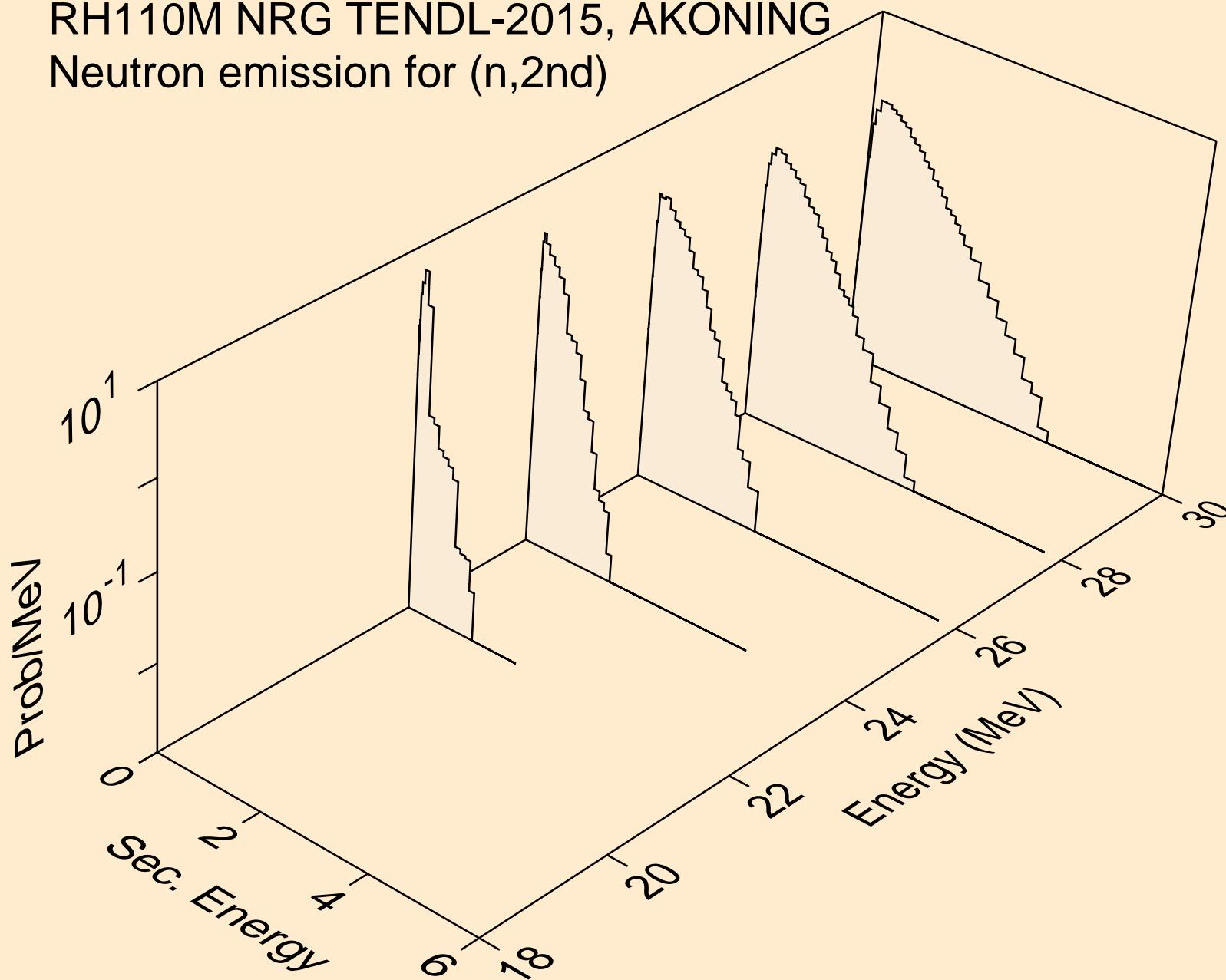
RH110M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{28}$



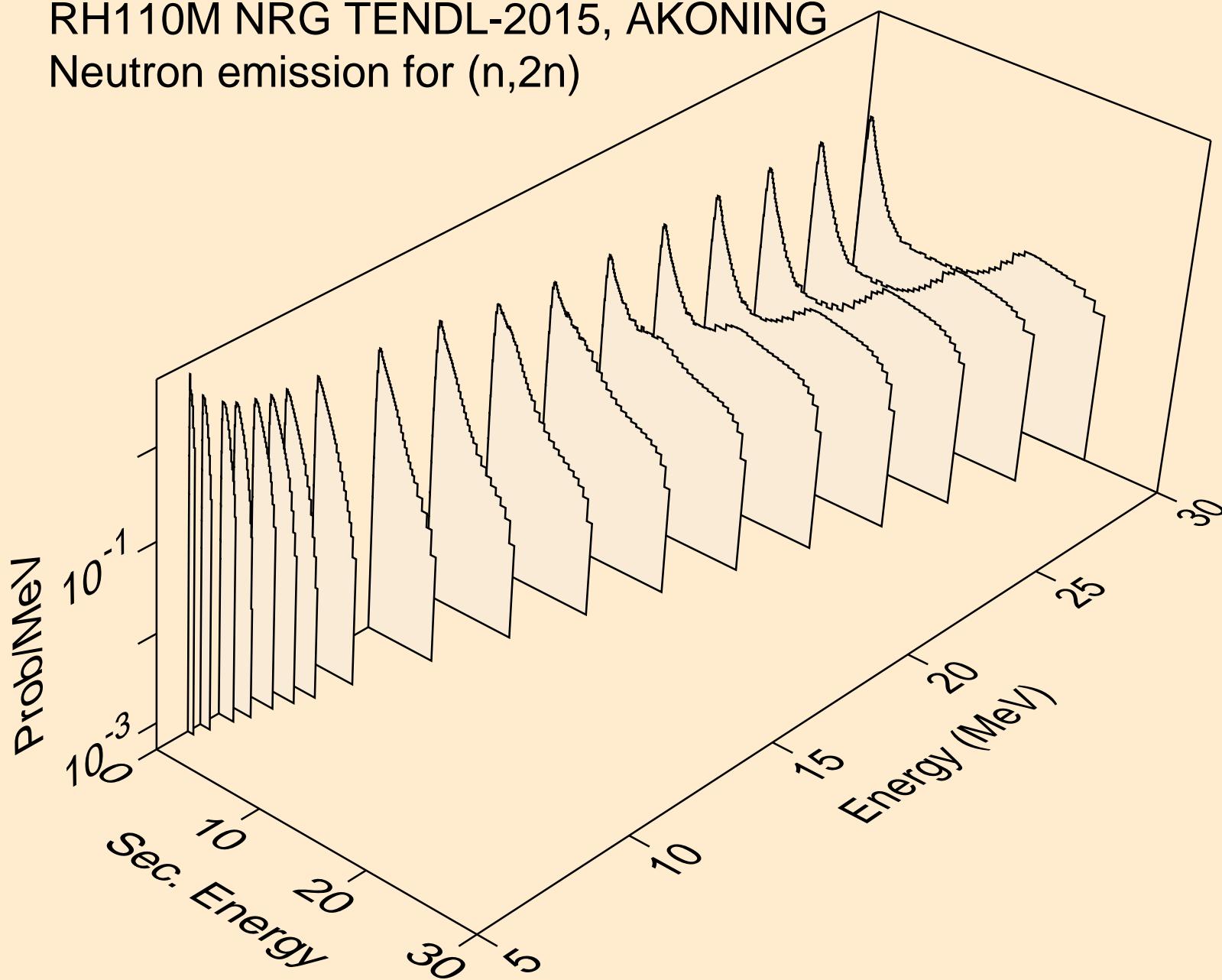
RH110M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



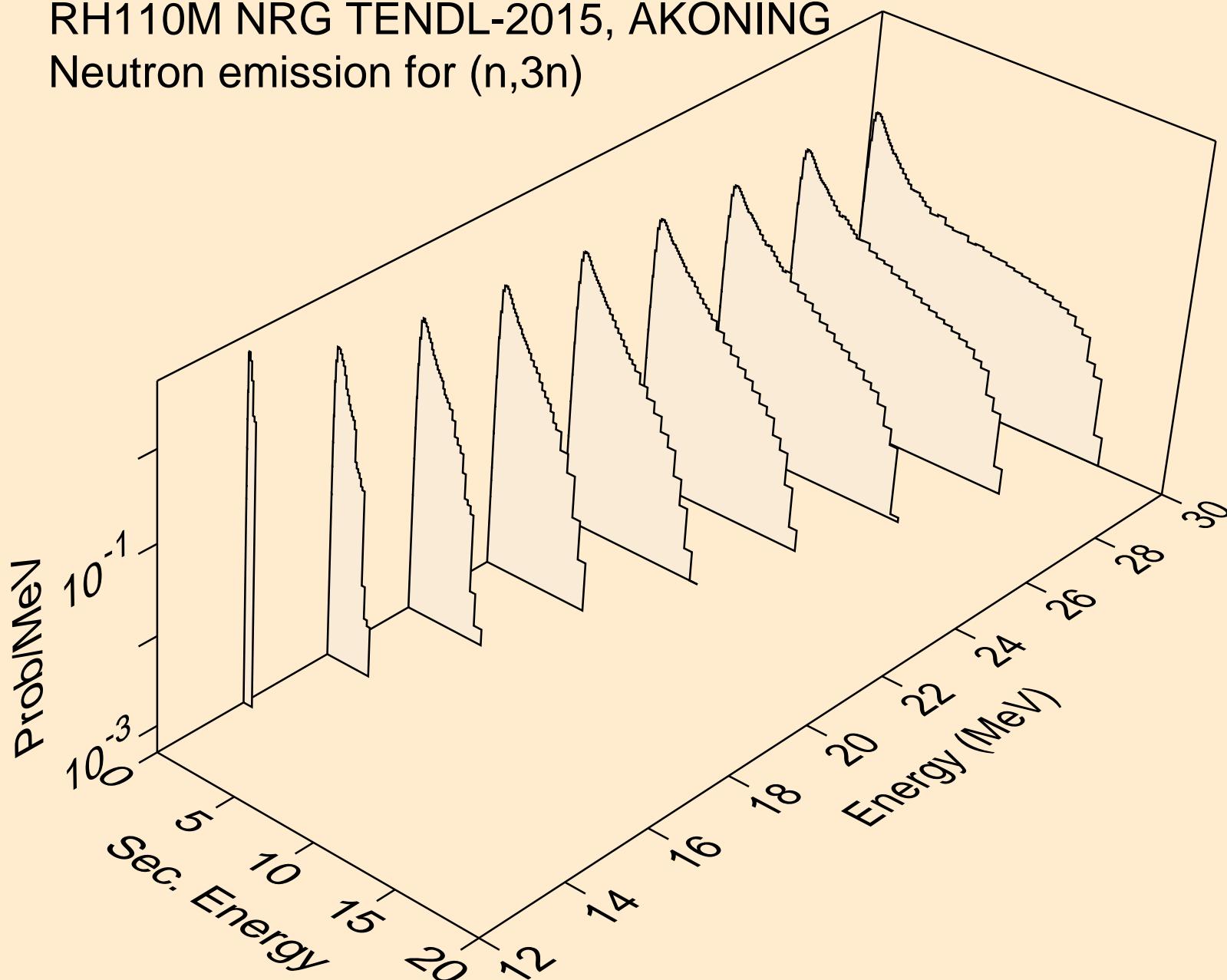
RH110M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



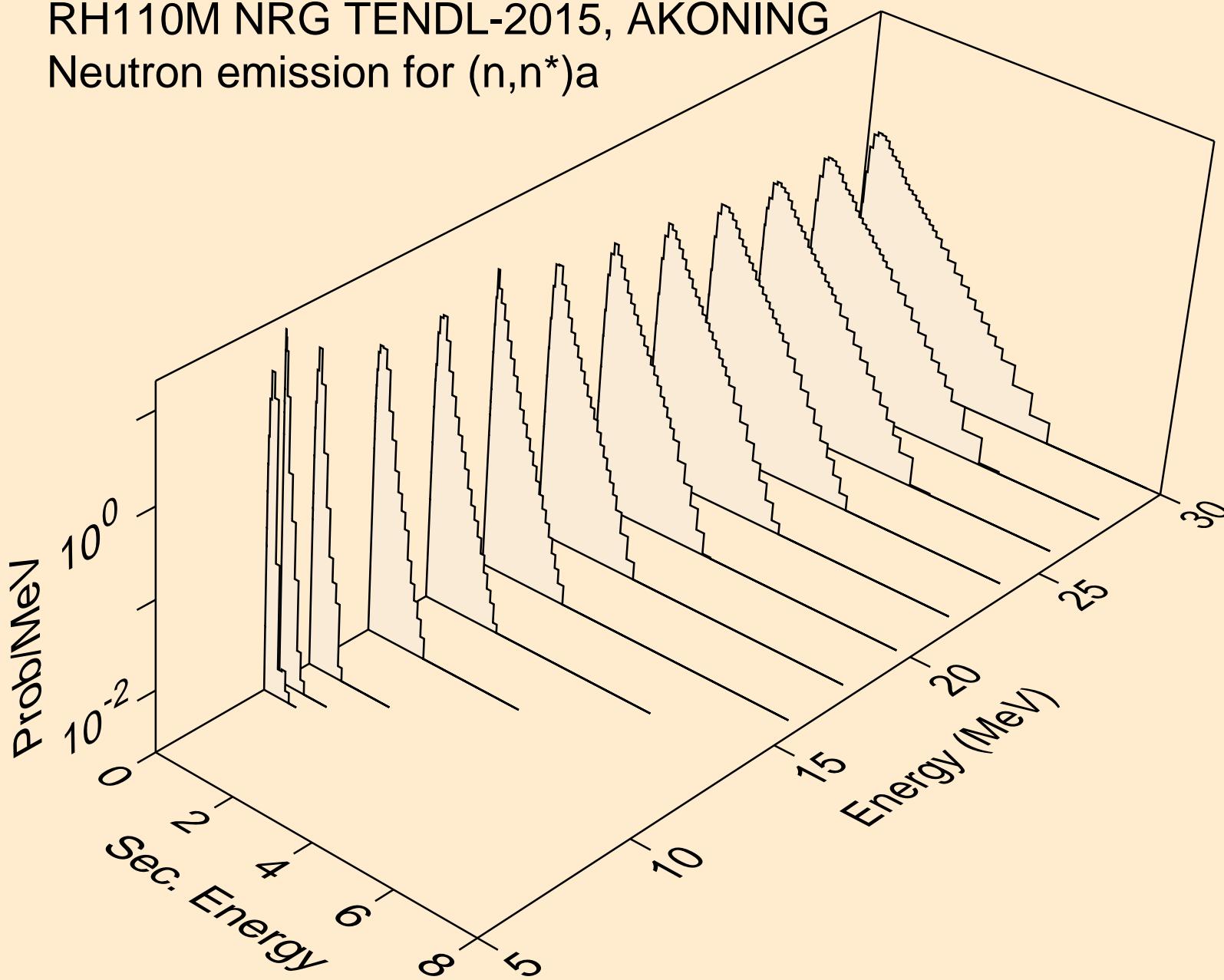
RH110M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



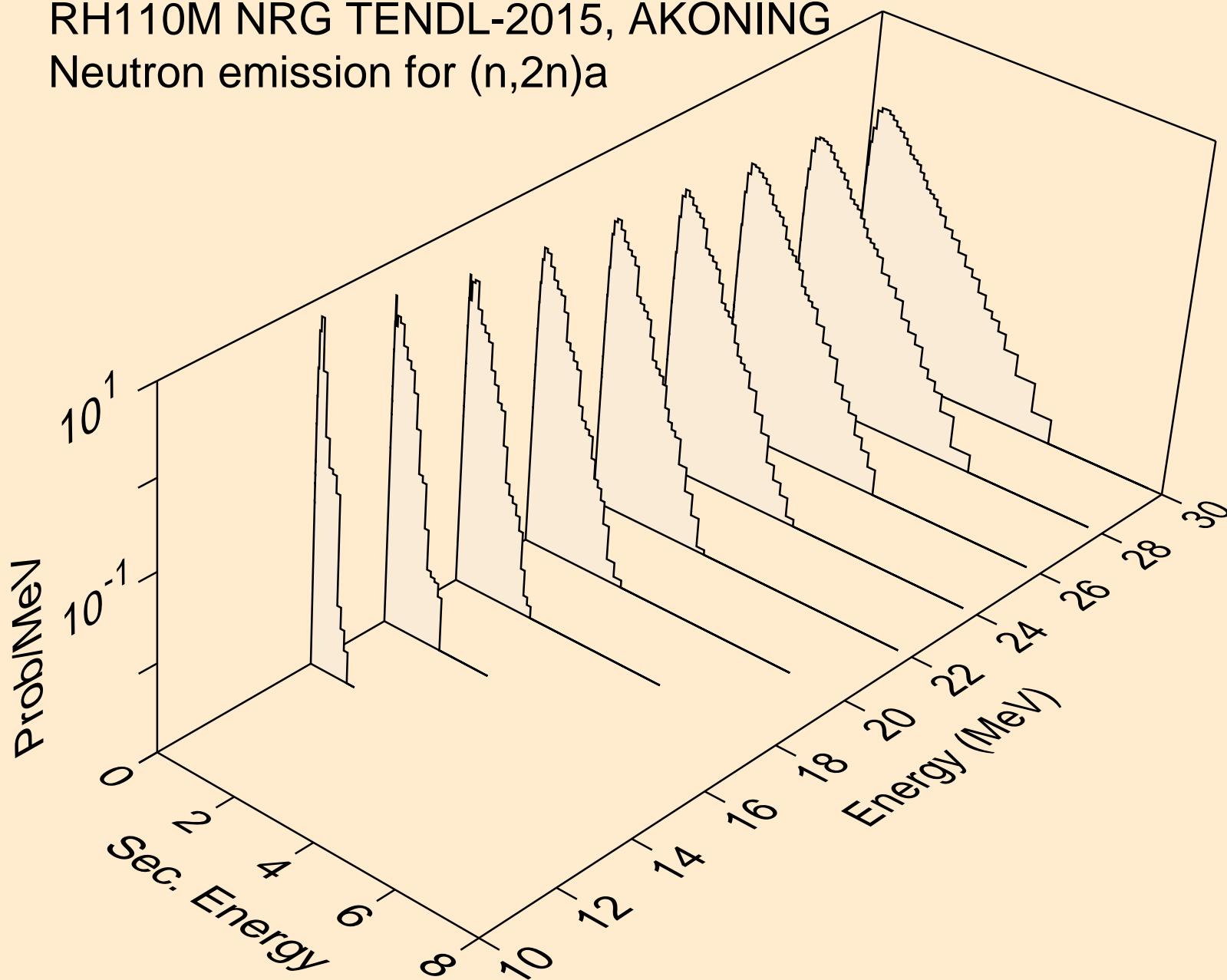
RH110M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



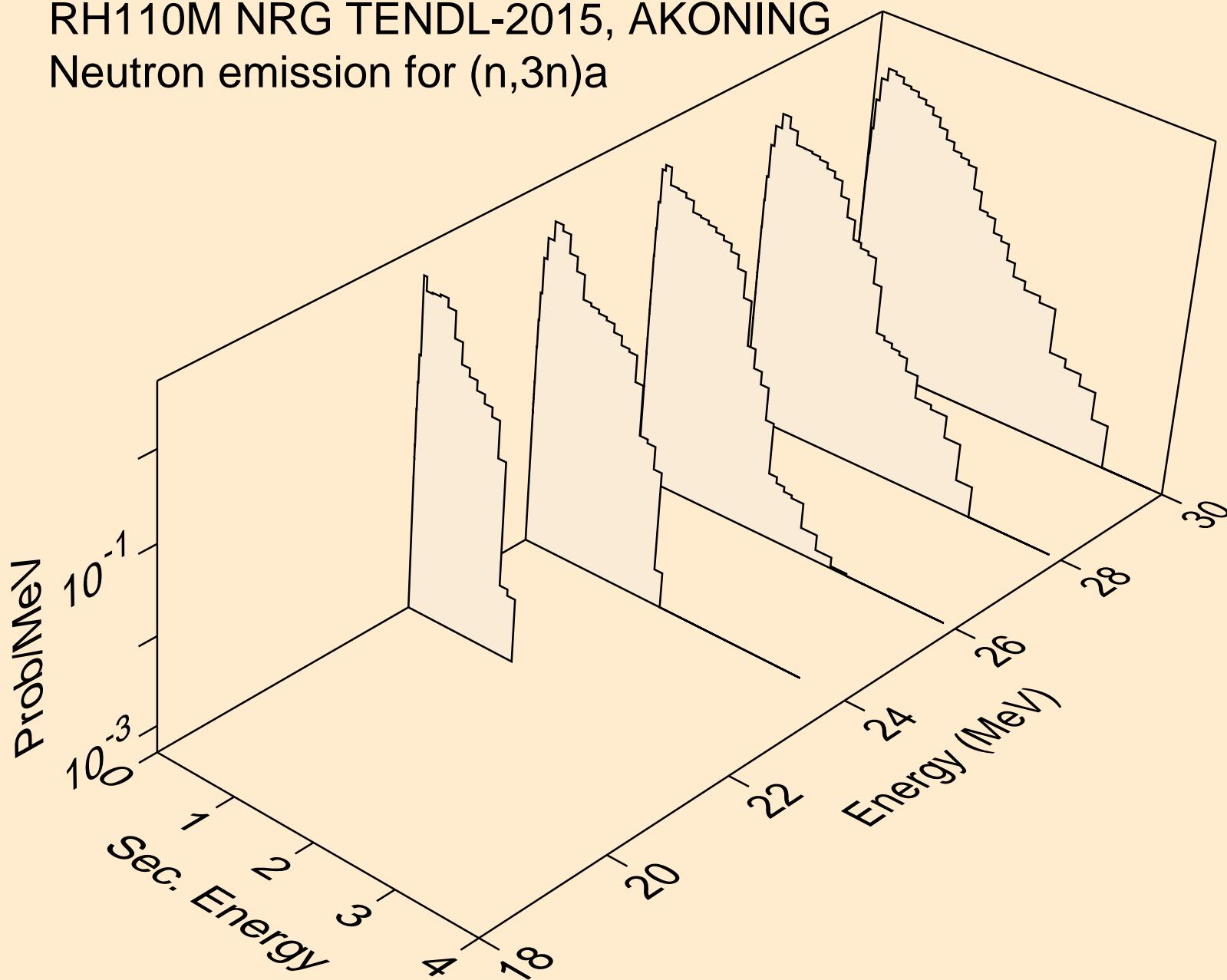
RH110M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



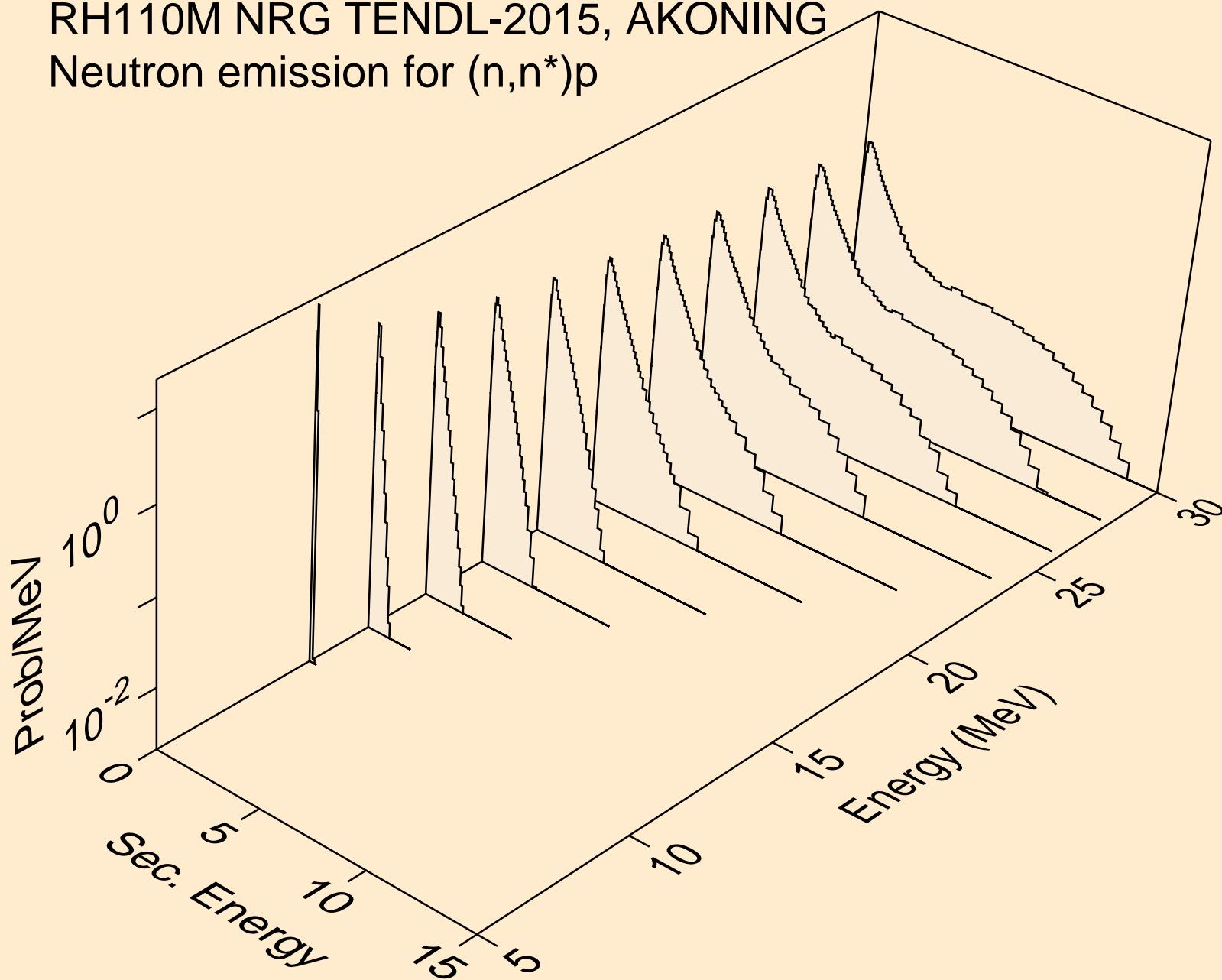
RH110M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



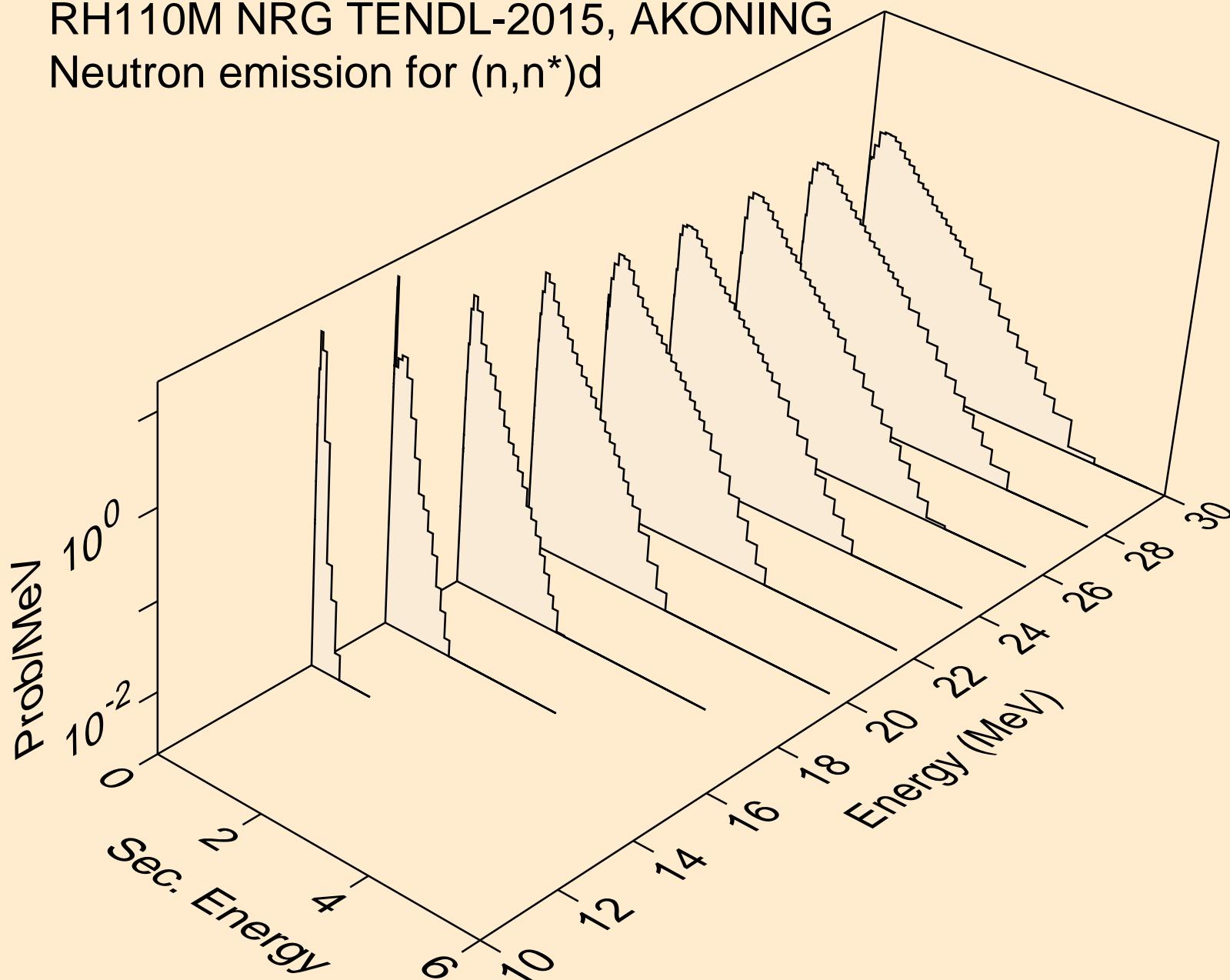
RH110M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,3n)a$



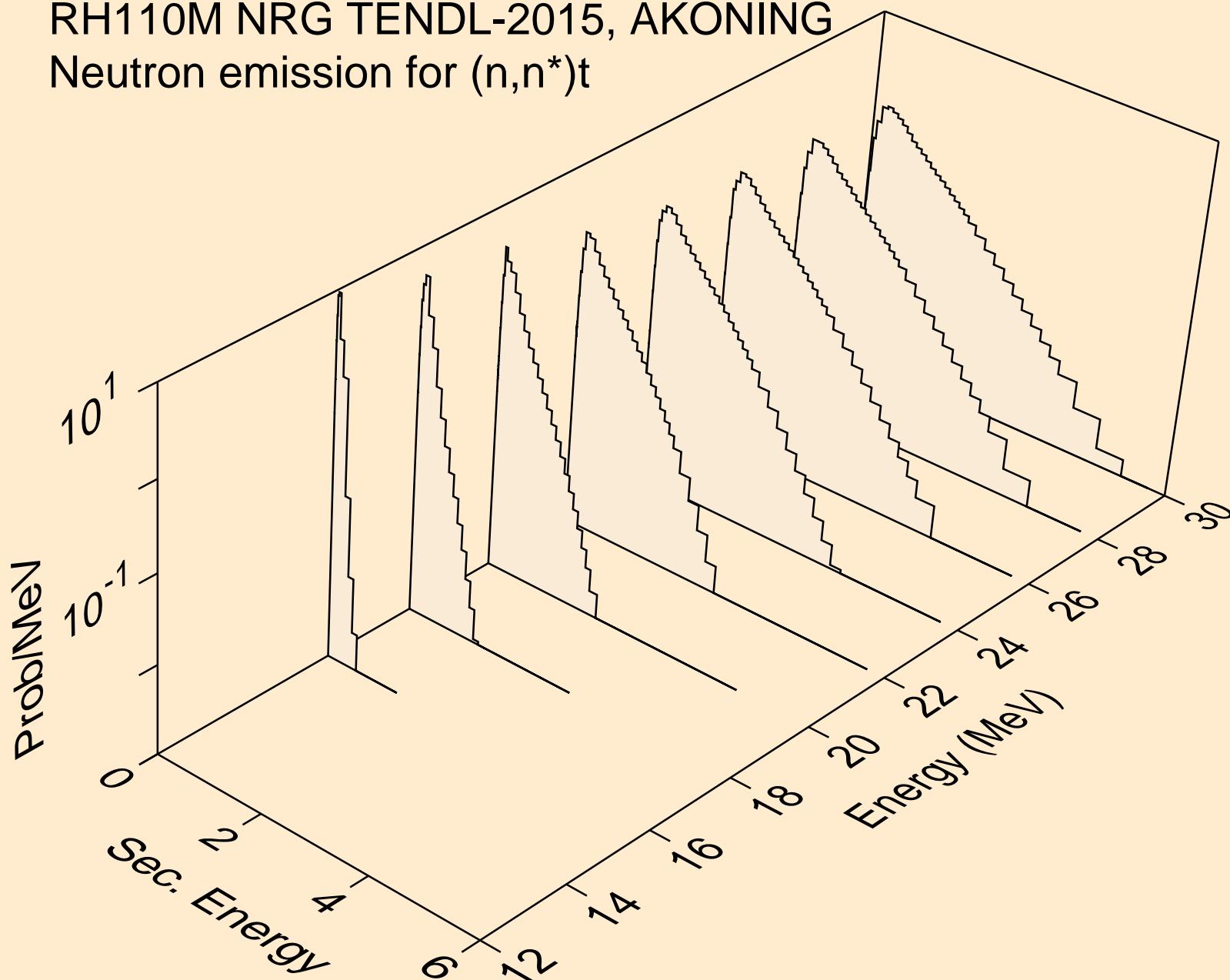
RH110M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



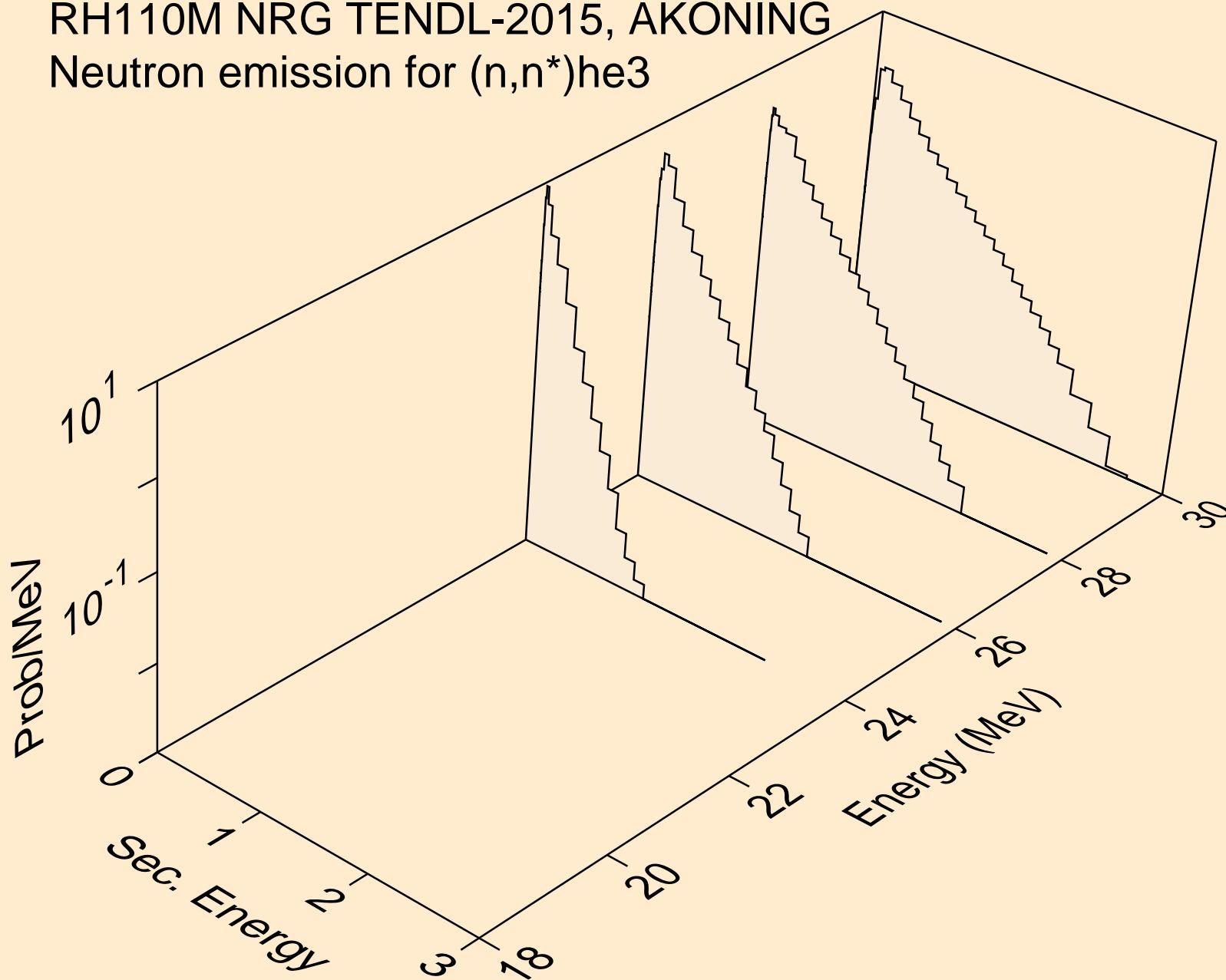
RH110M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



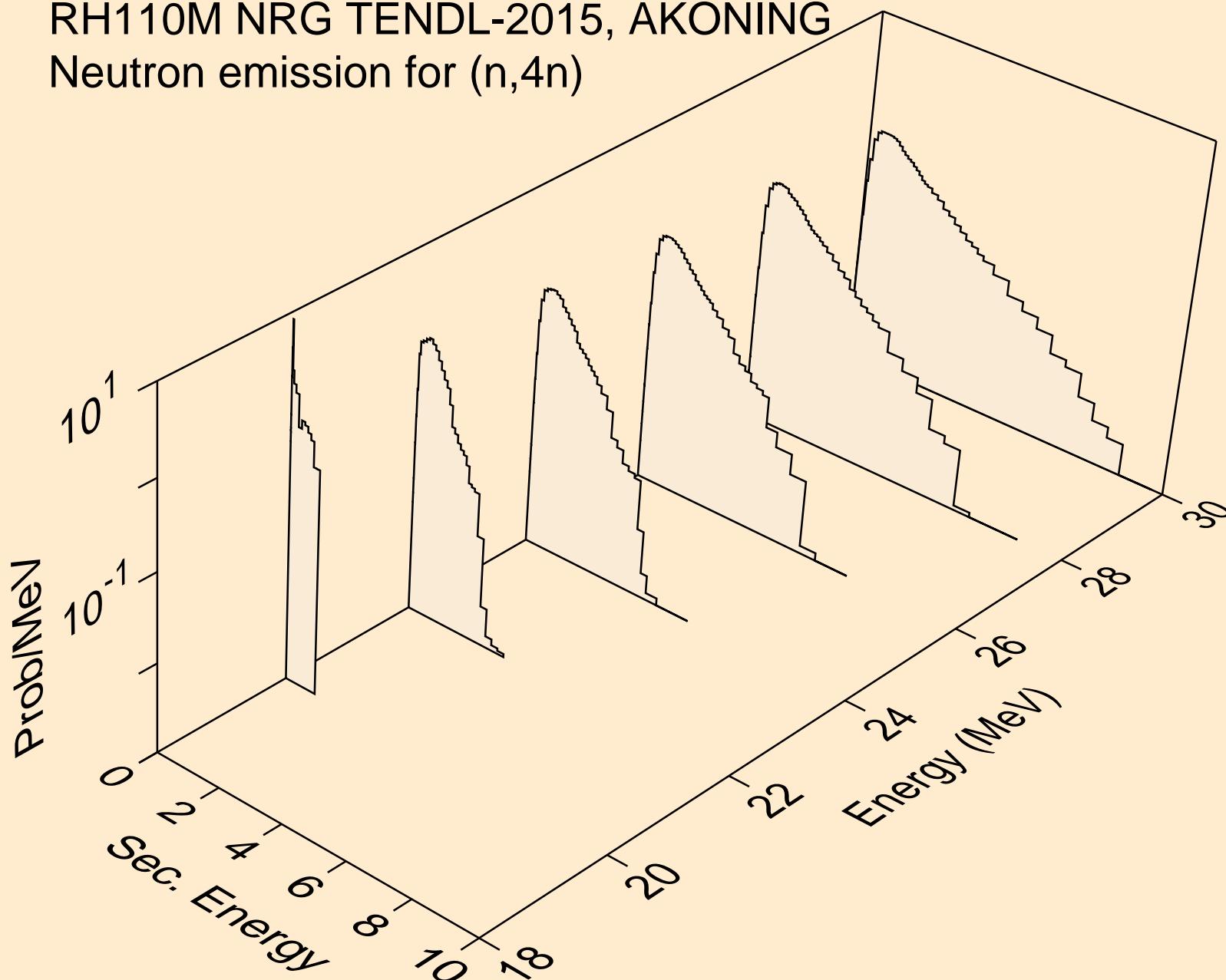
RH110M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



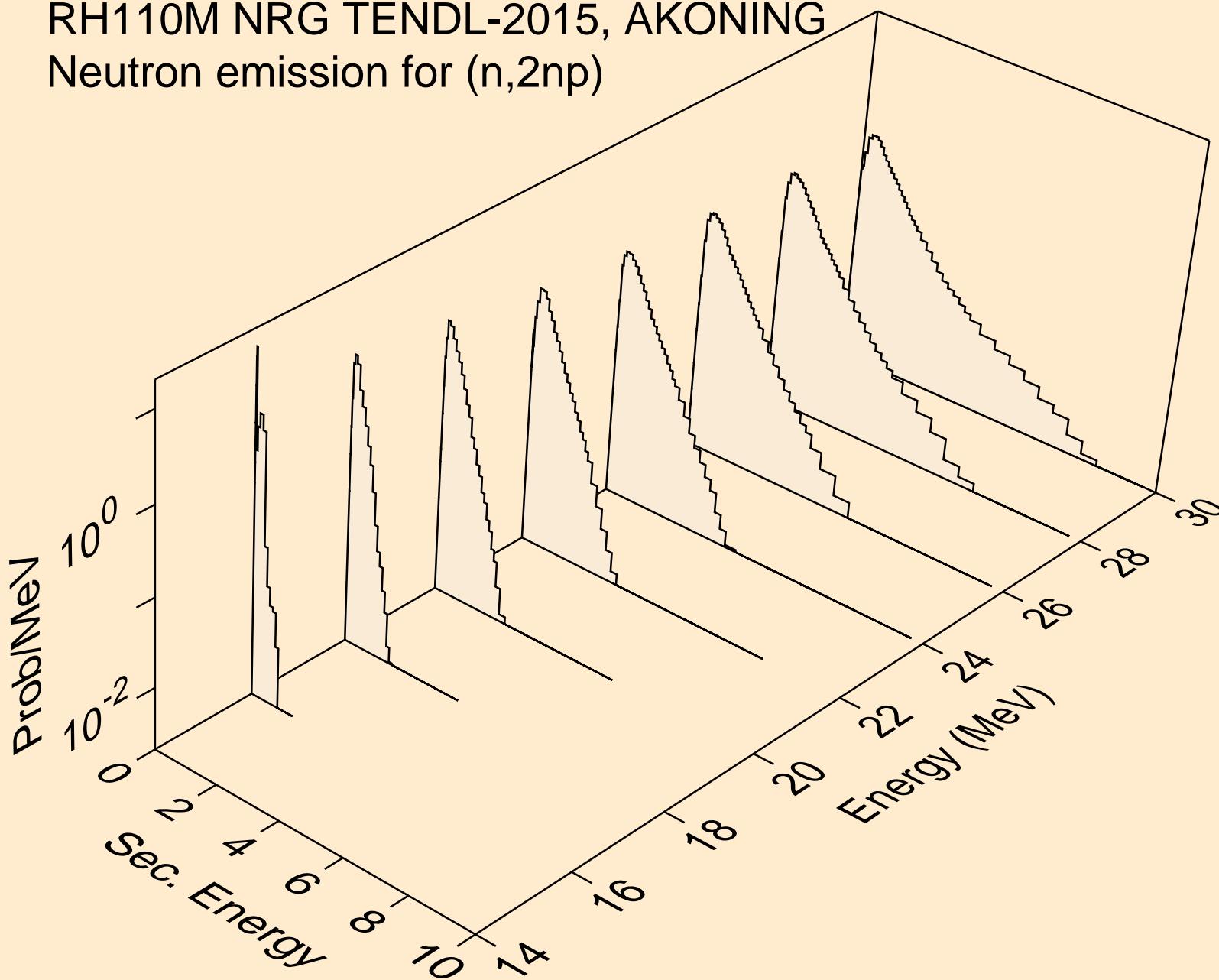
RH110M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he}3$



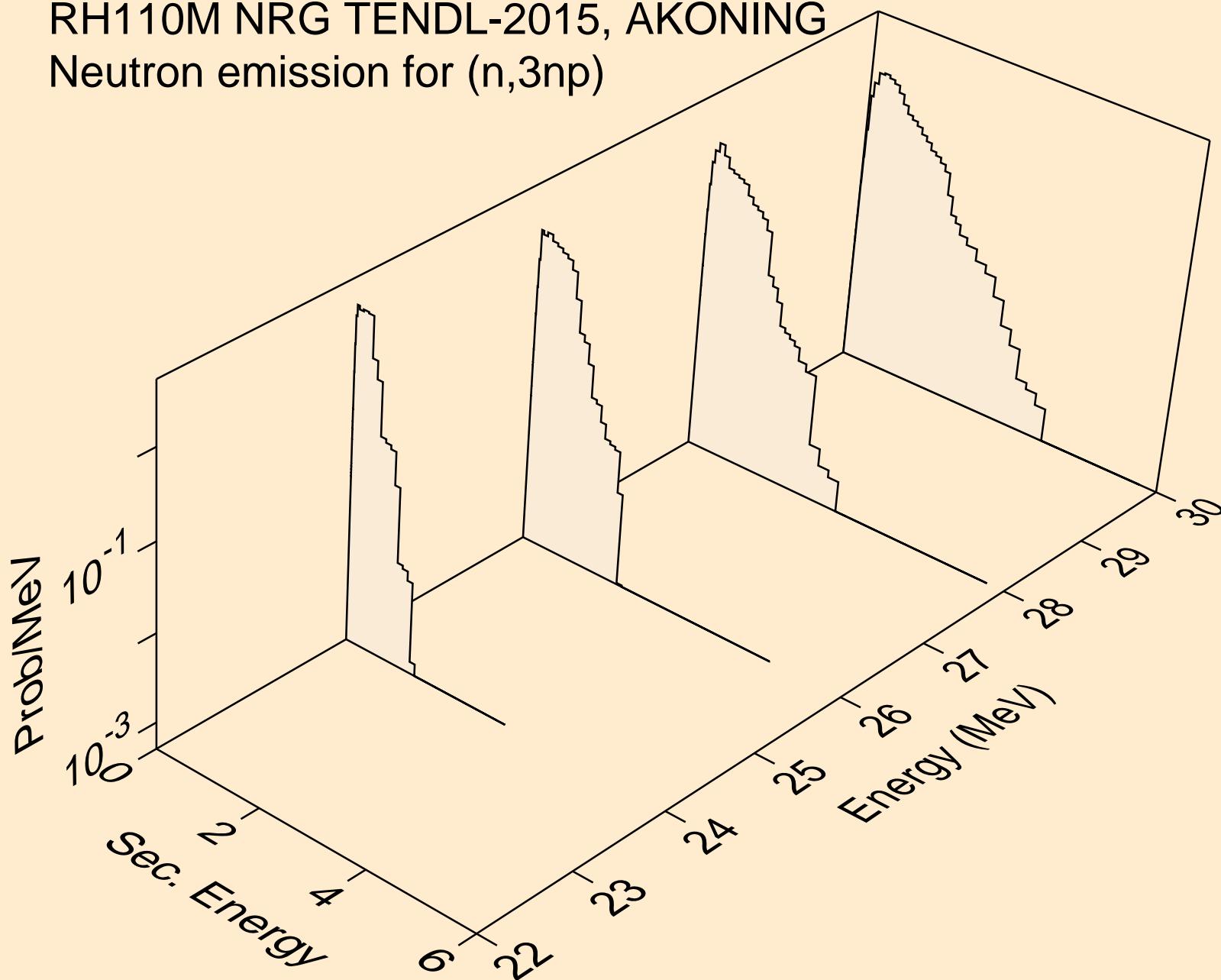
RH110M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



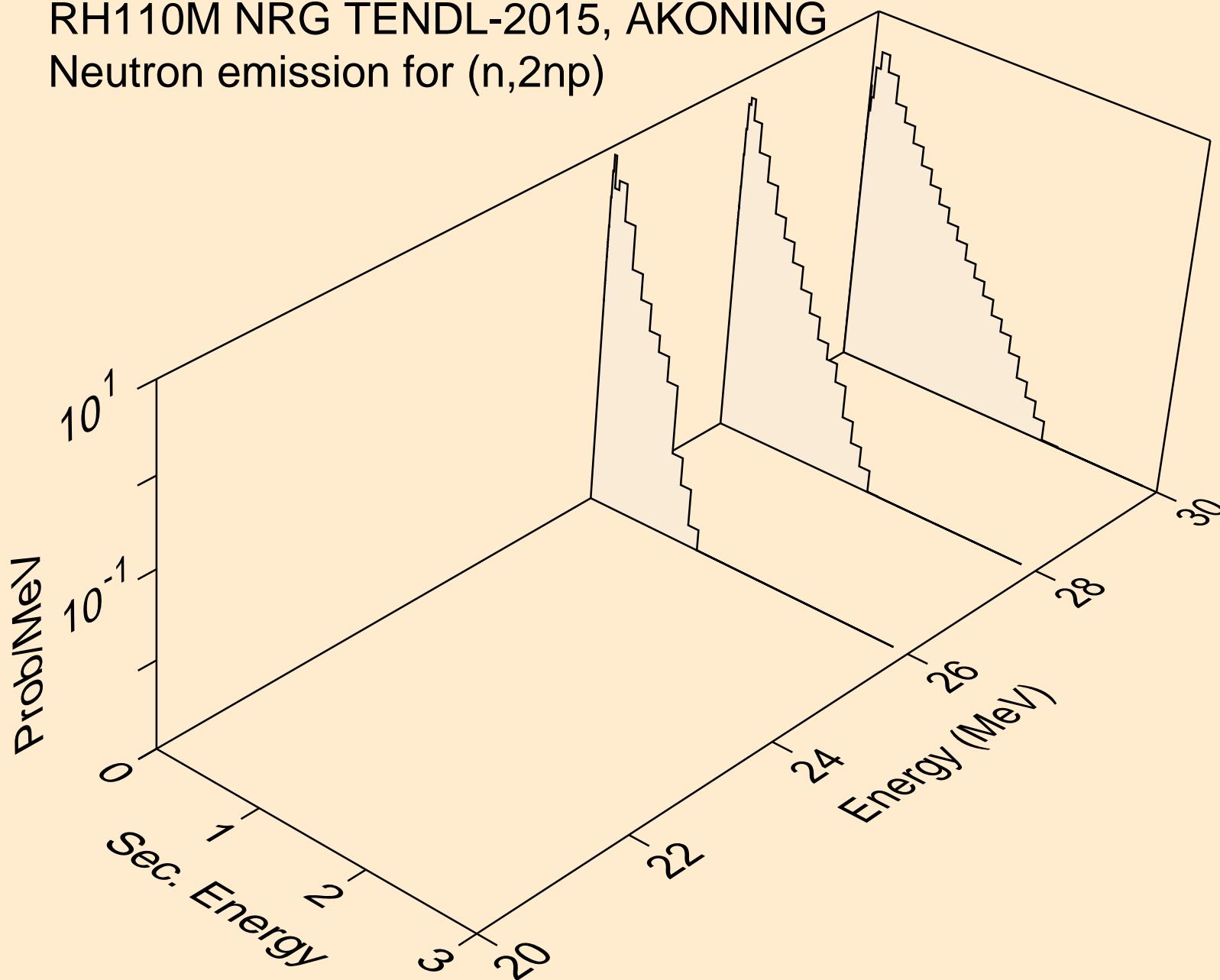
RH110M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



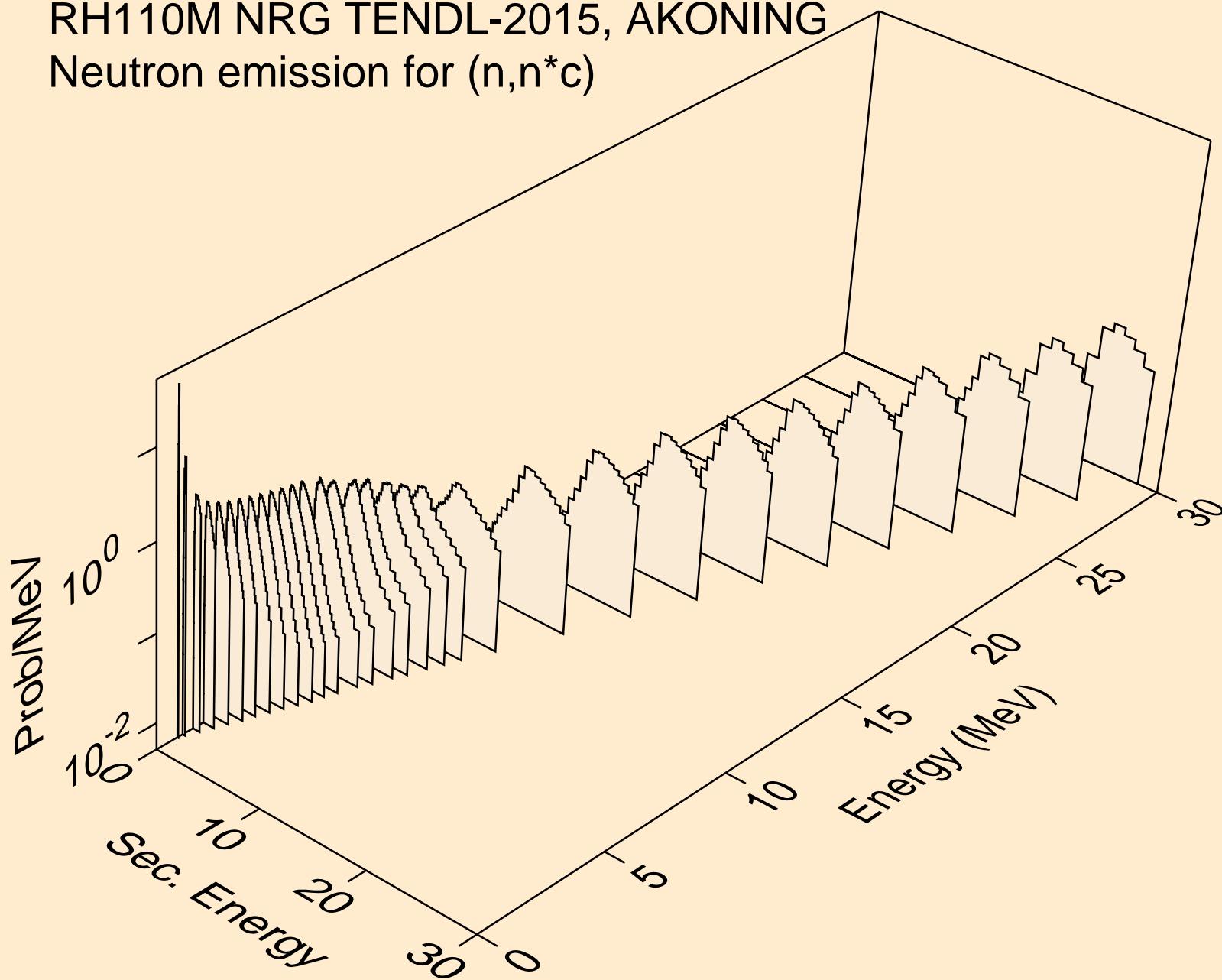
RH110M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



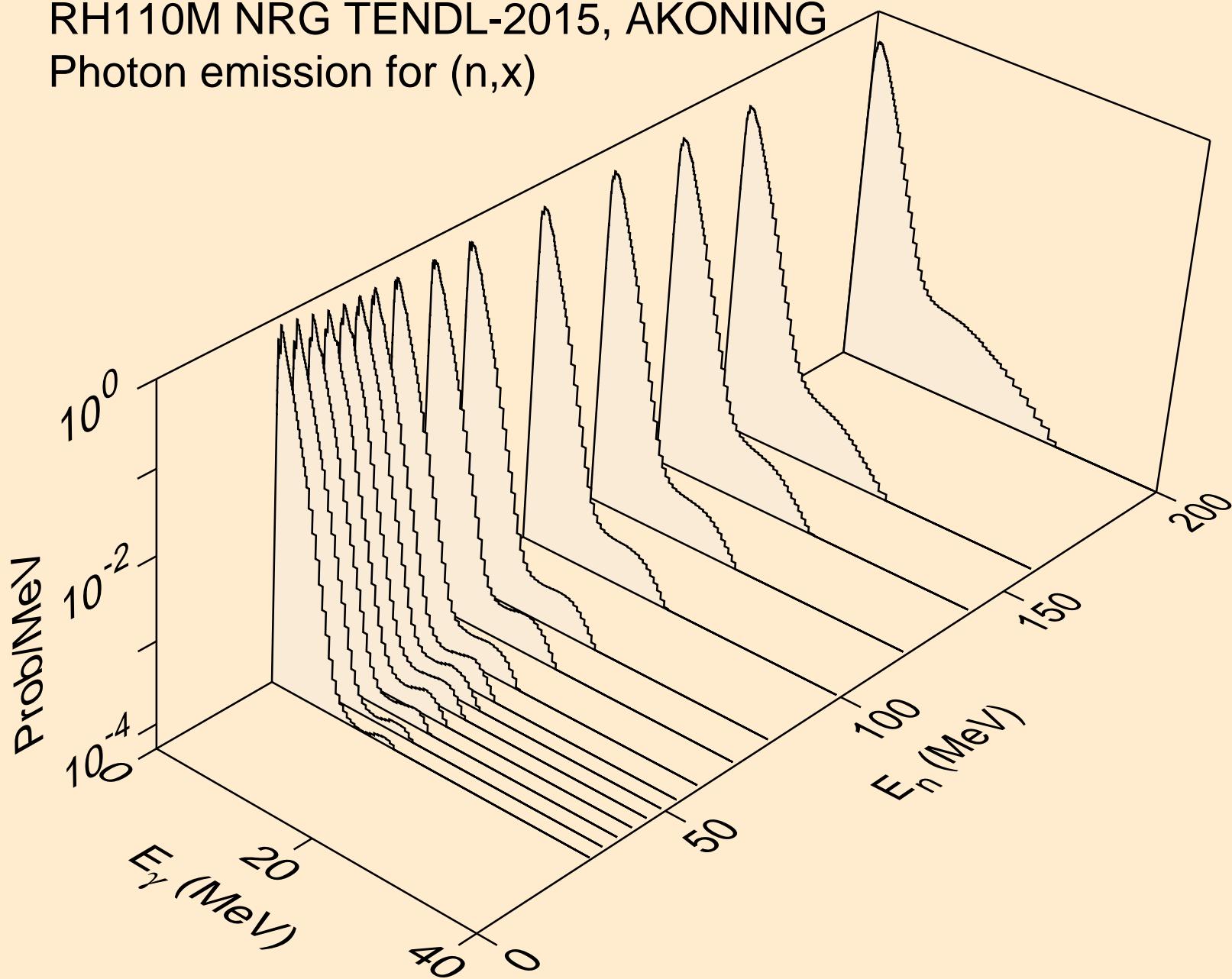
RH110M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



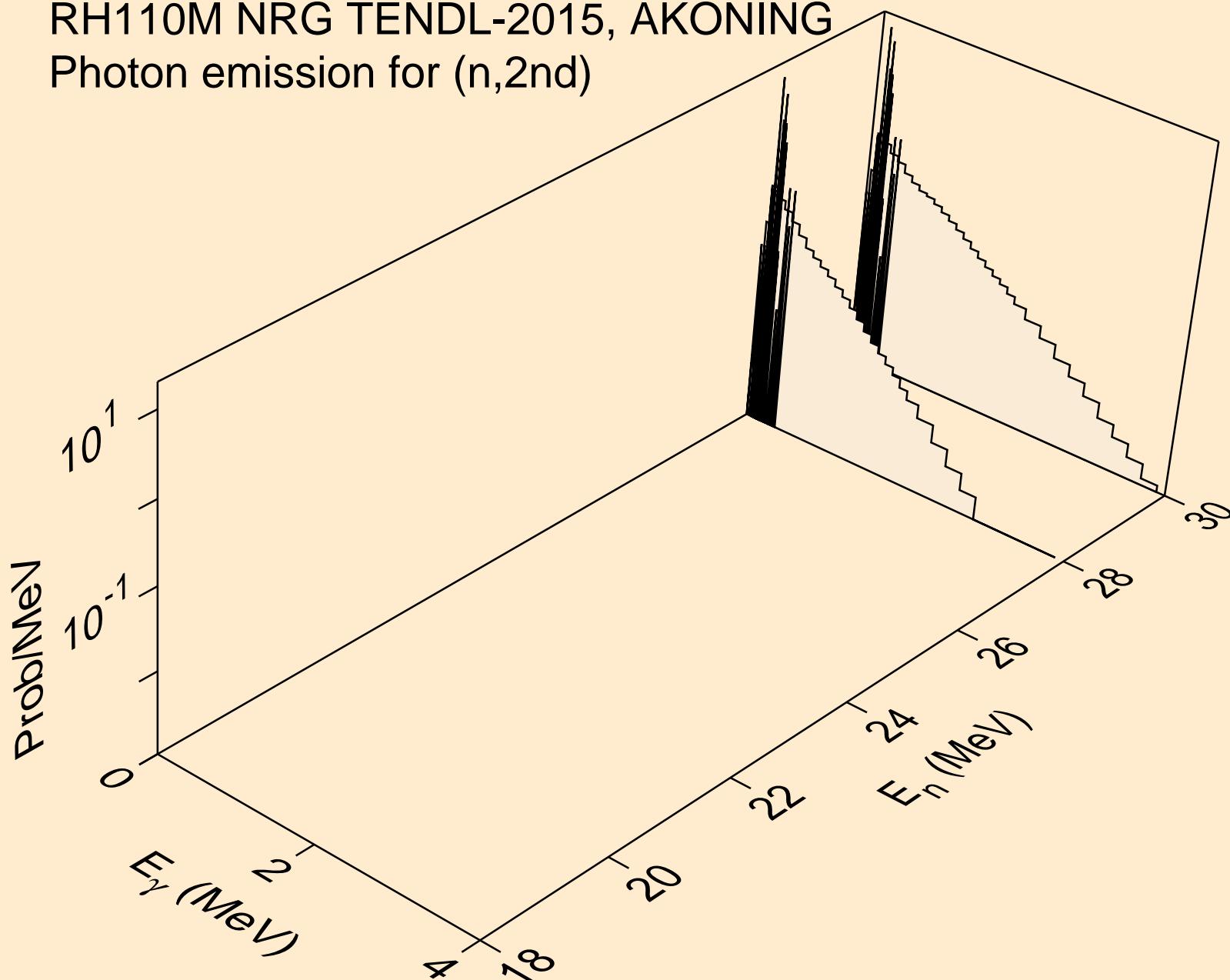
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Neutron emission for (n,n\*c)



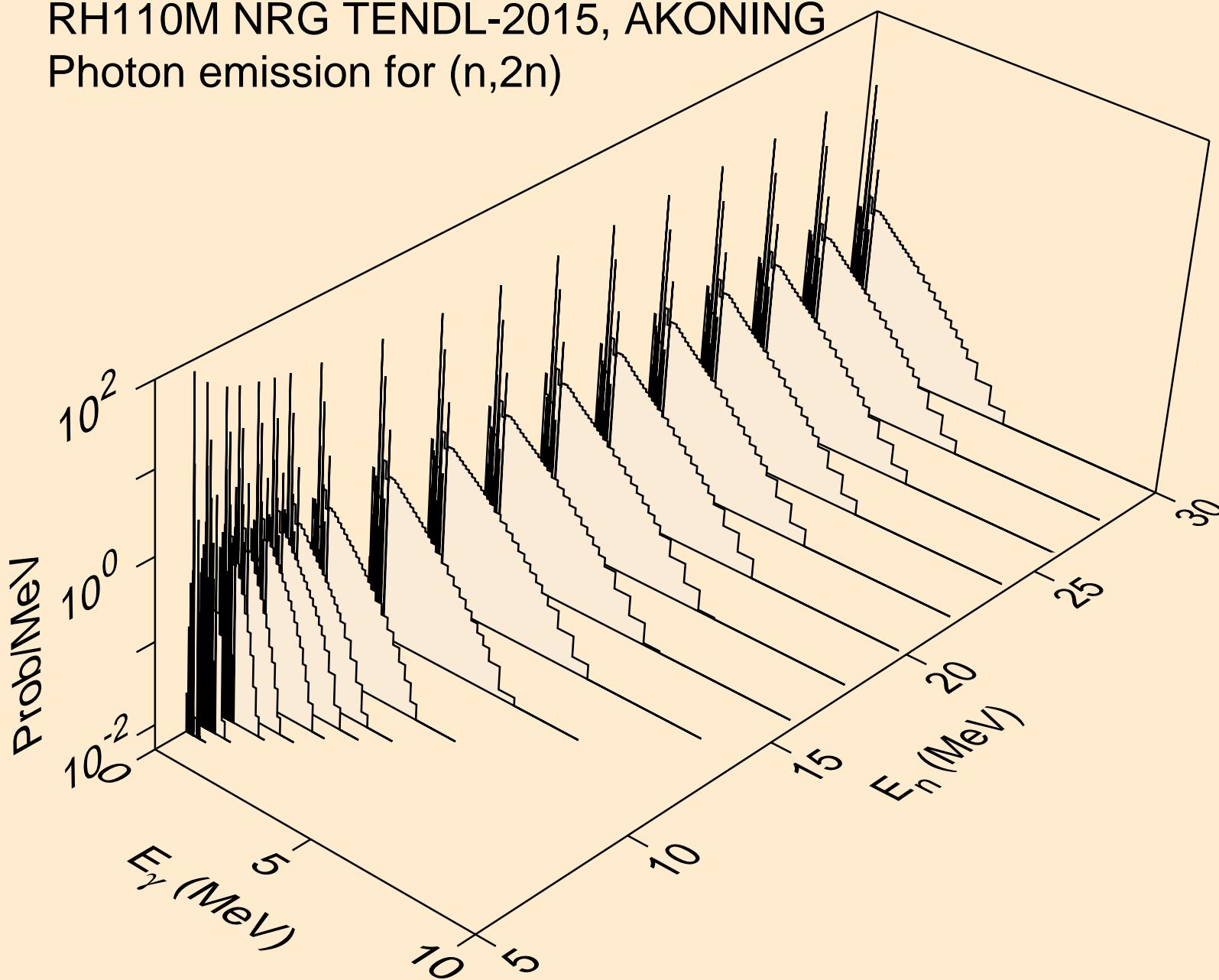
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Photon emission for (n,x)



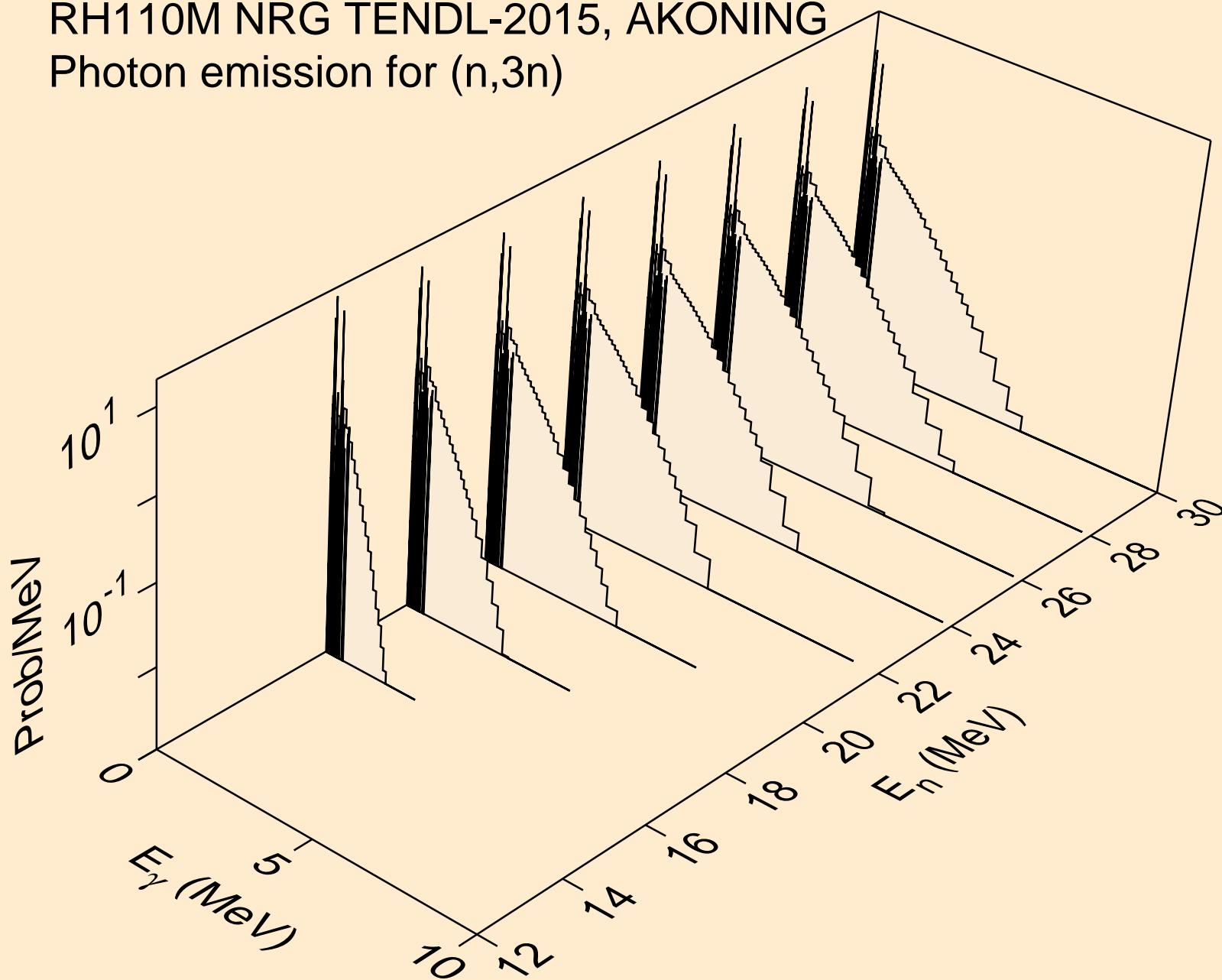
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Photon emission for (n,2nd)



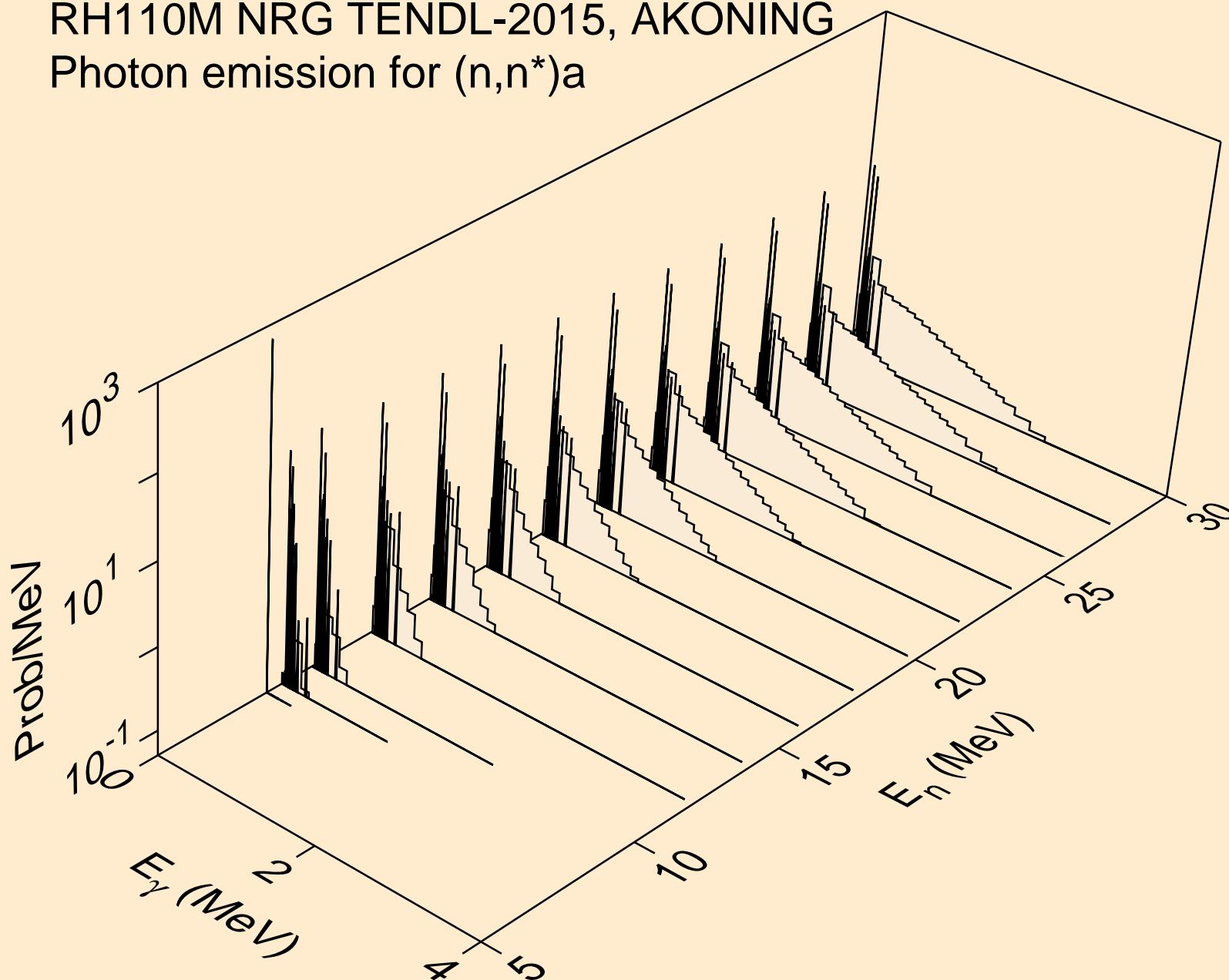
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Photon emission for (n,2n)



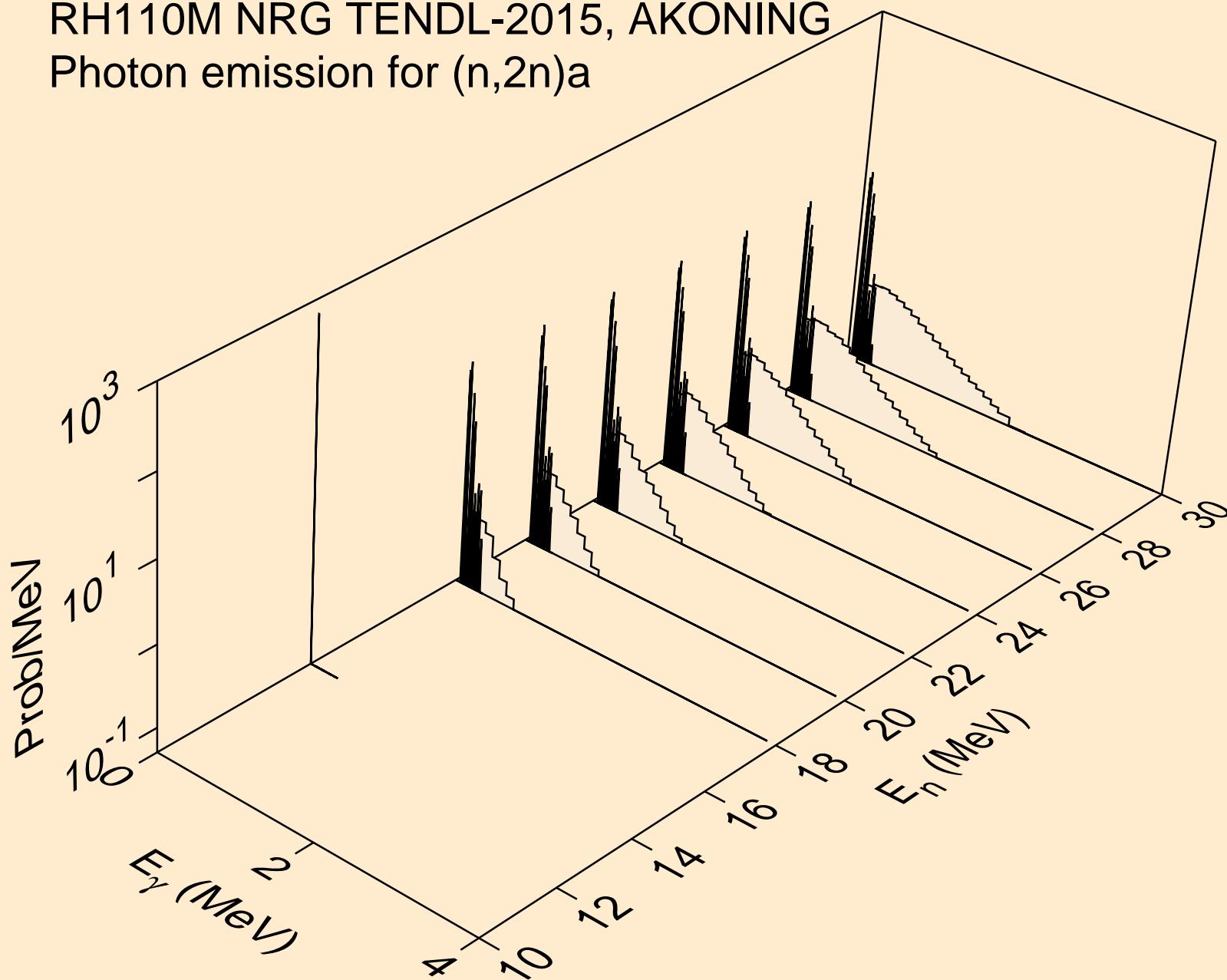
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Photon emission for (n,3n)



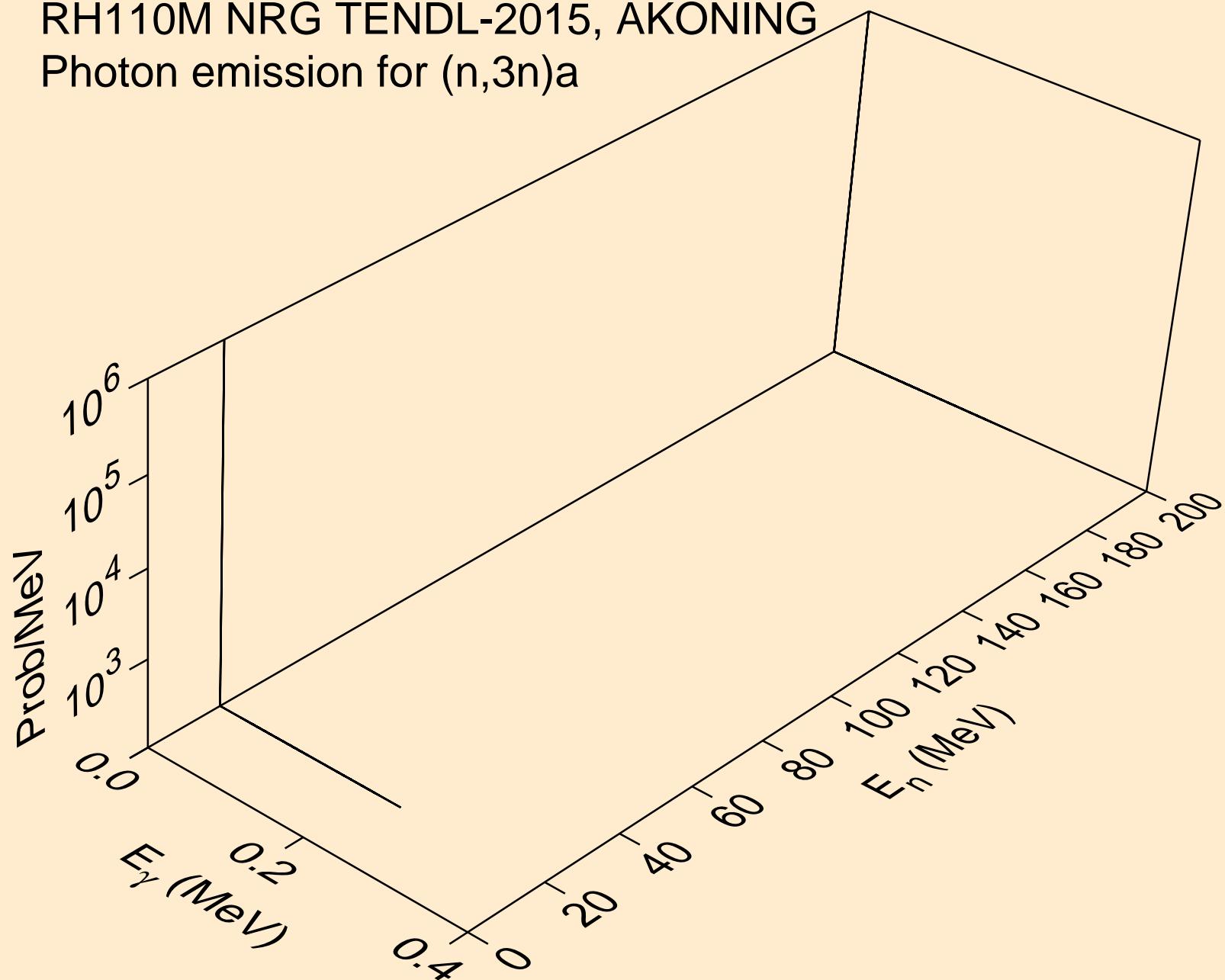
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Photon emission for  $(n,n^*)a$



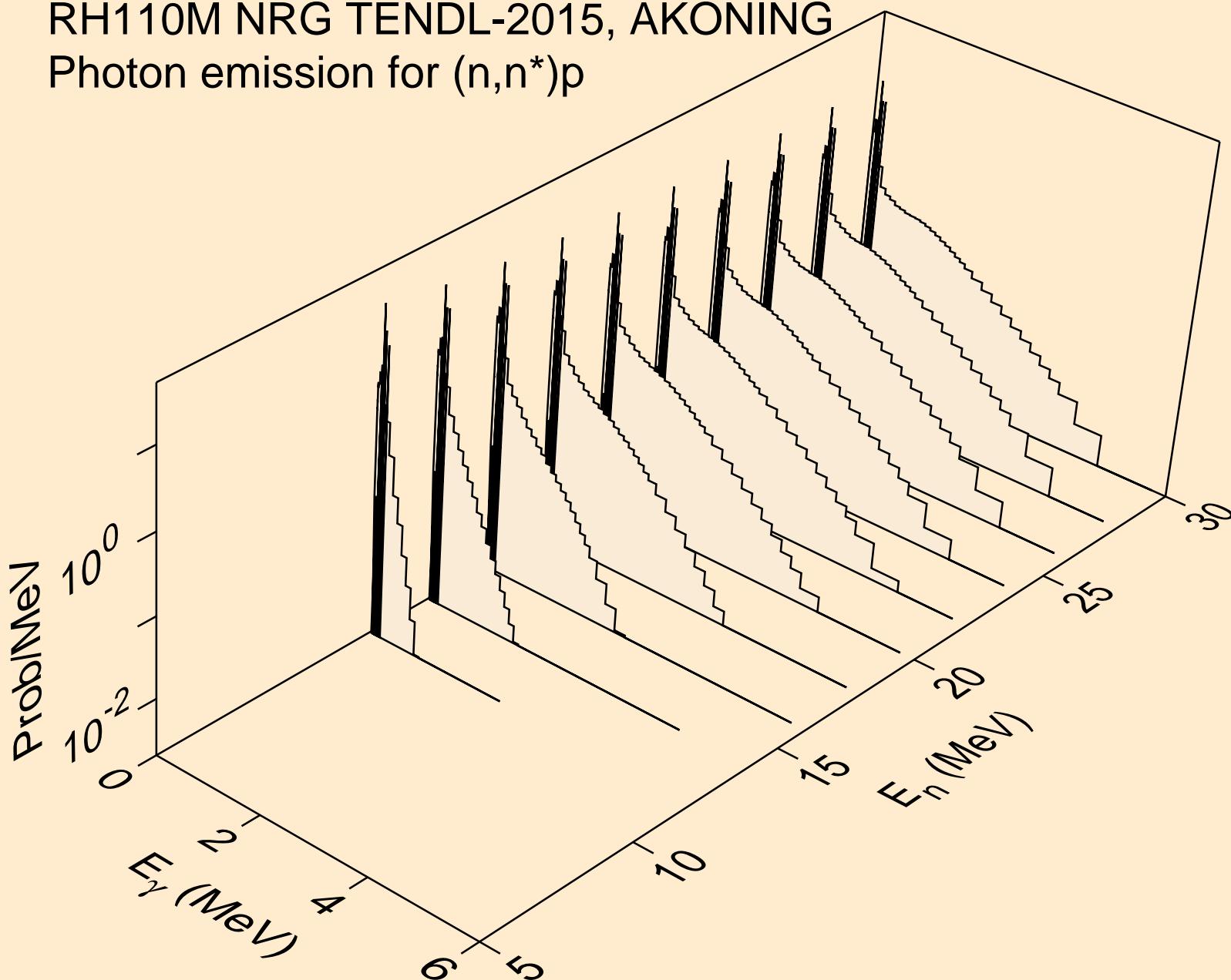
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Photon emission for (n,2n)a



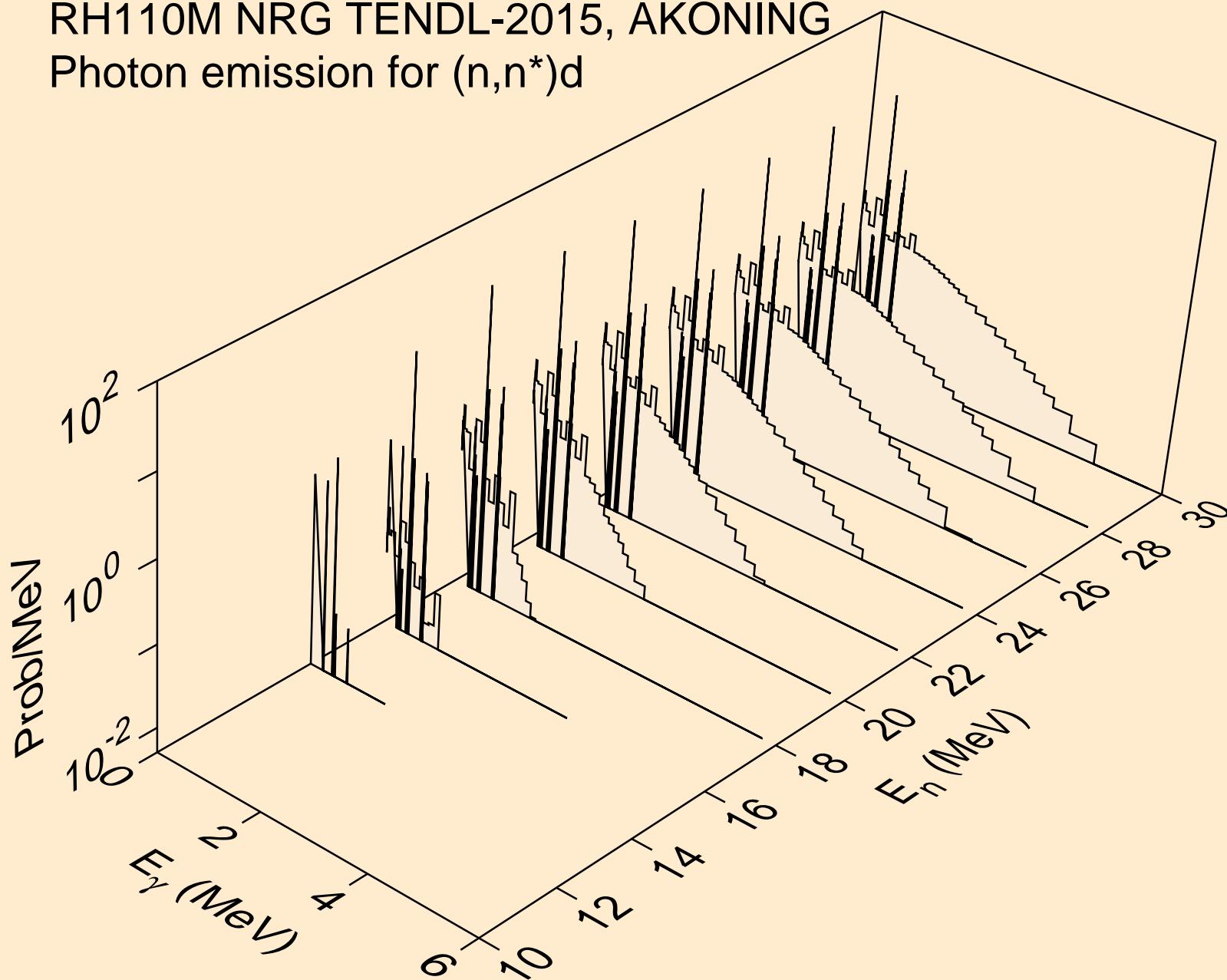
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Photon emission for (n,3n)a



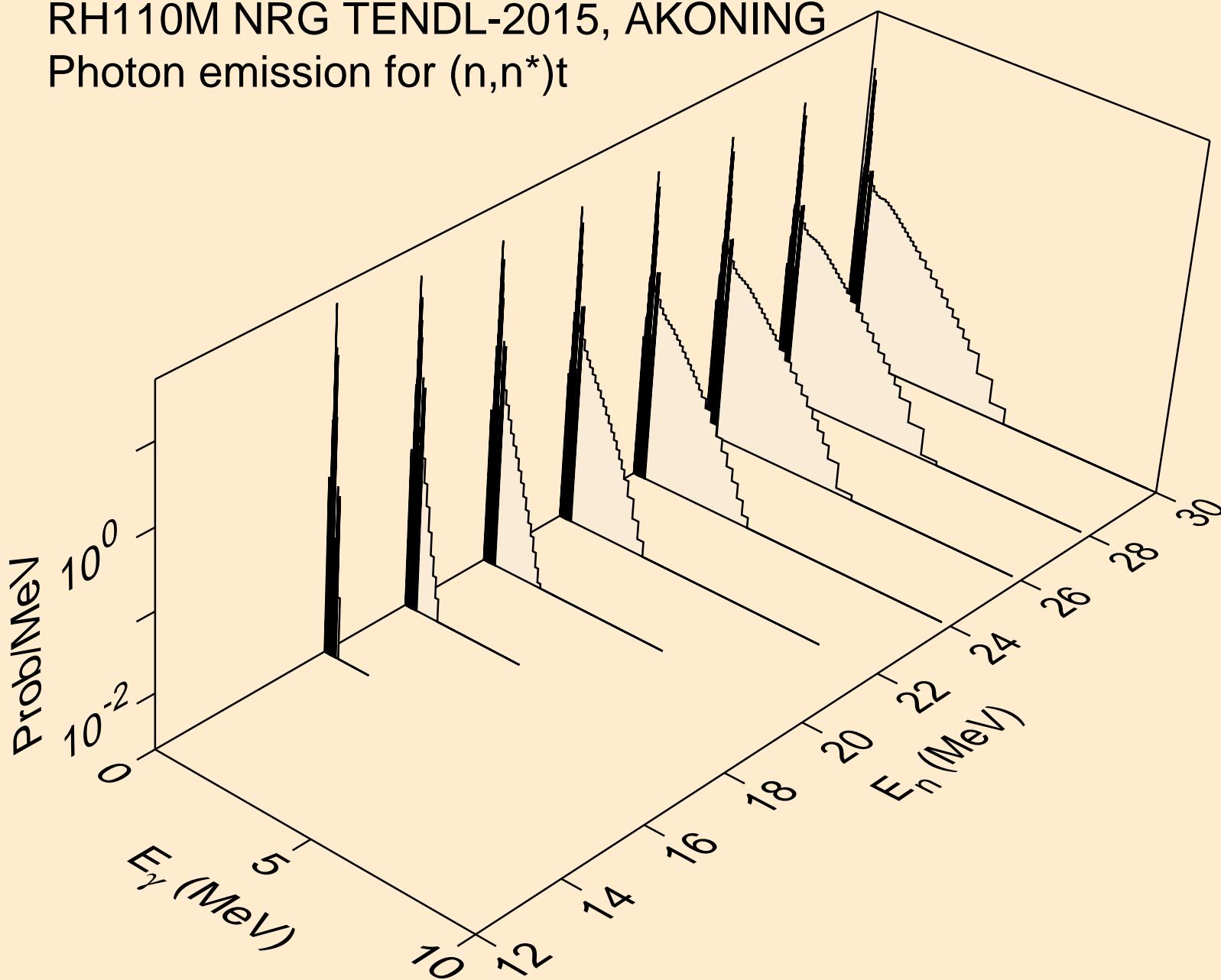
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Photon emission for  $(n,n^*)p$



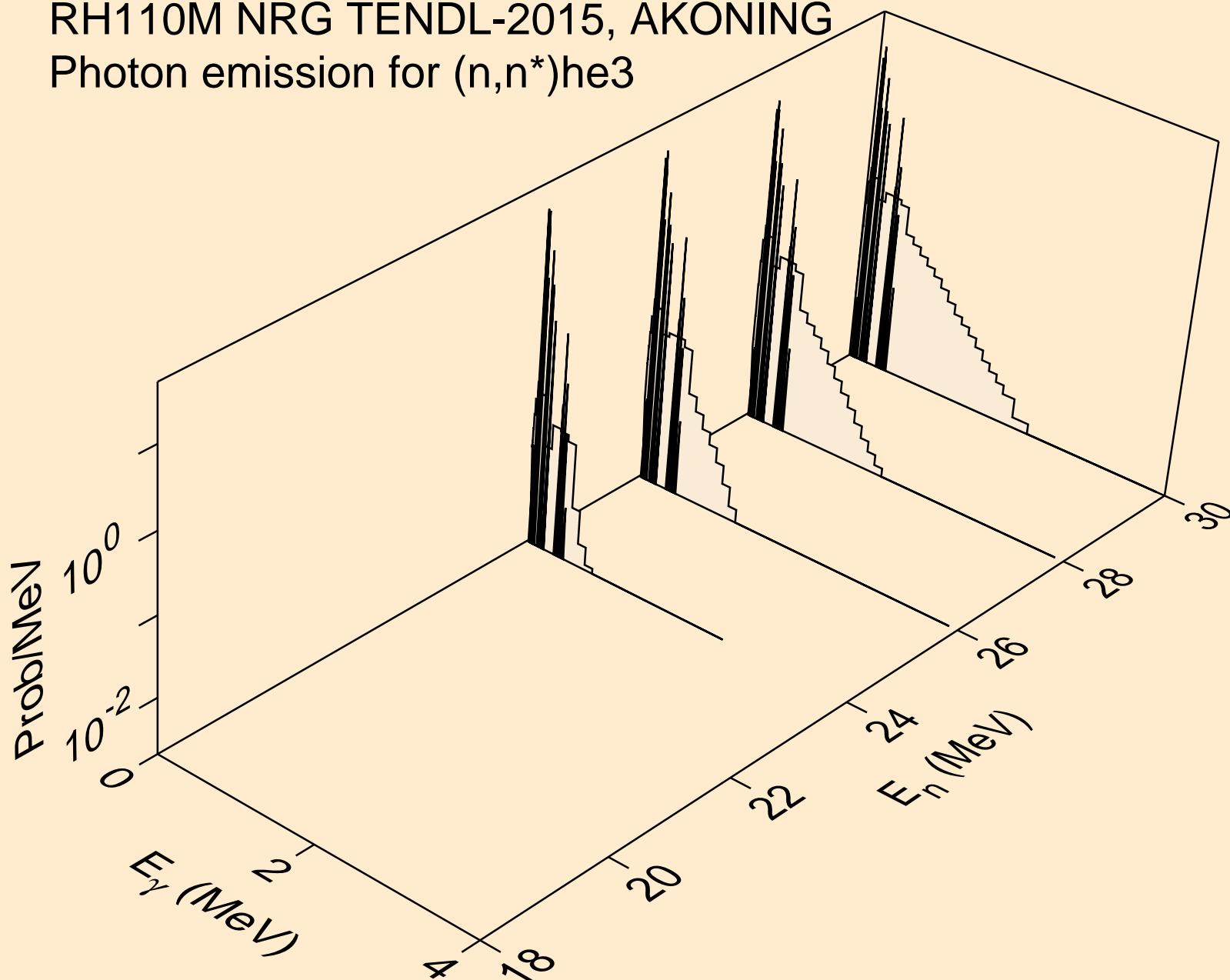
RH110M NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



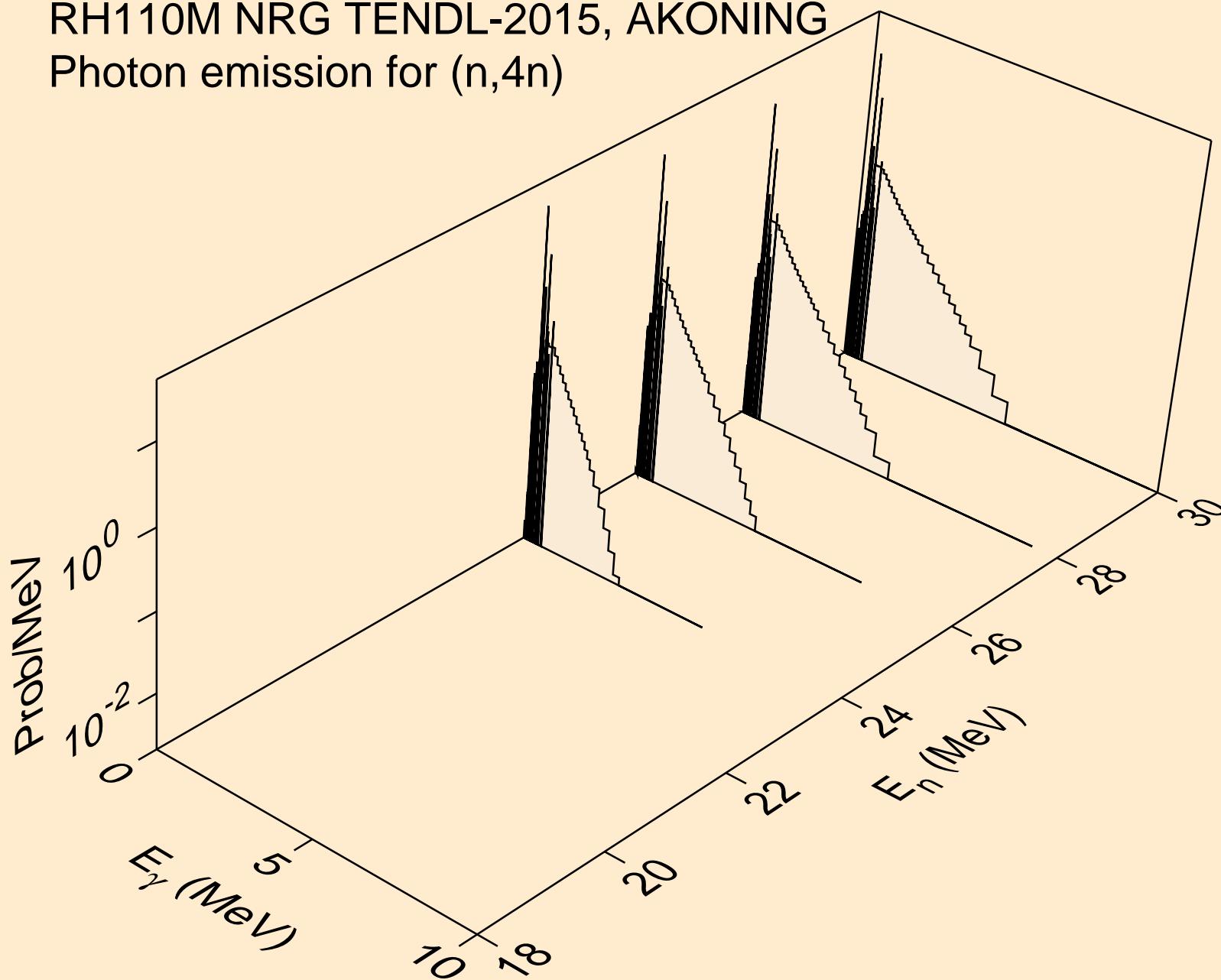
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Photon emission for  $(n,n^*)t$



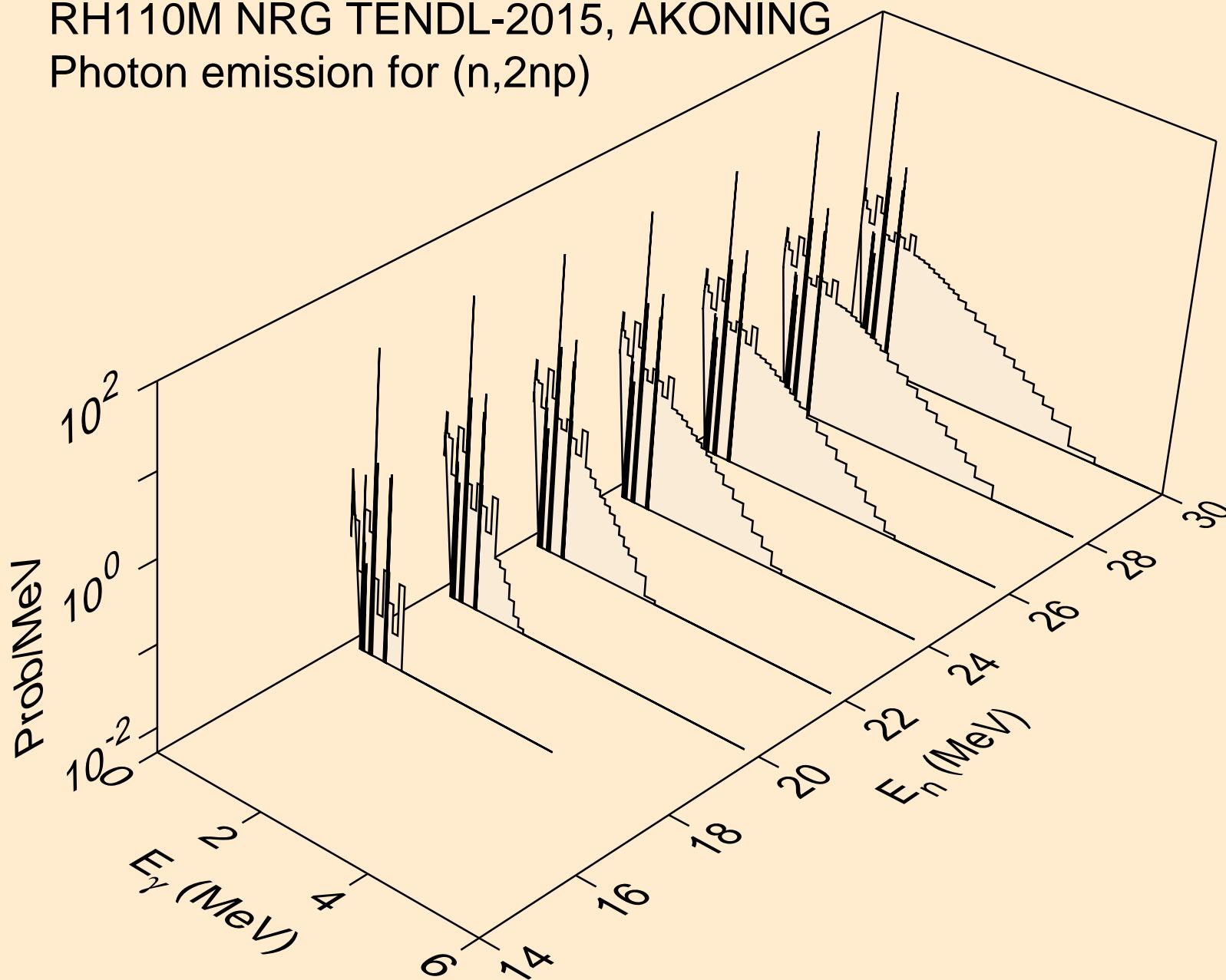
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Photon emission for  $(n,n^*)\text{he3}$



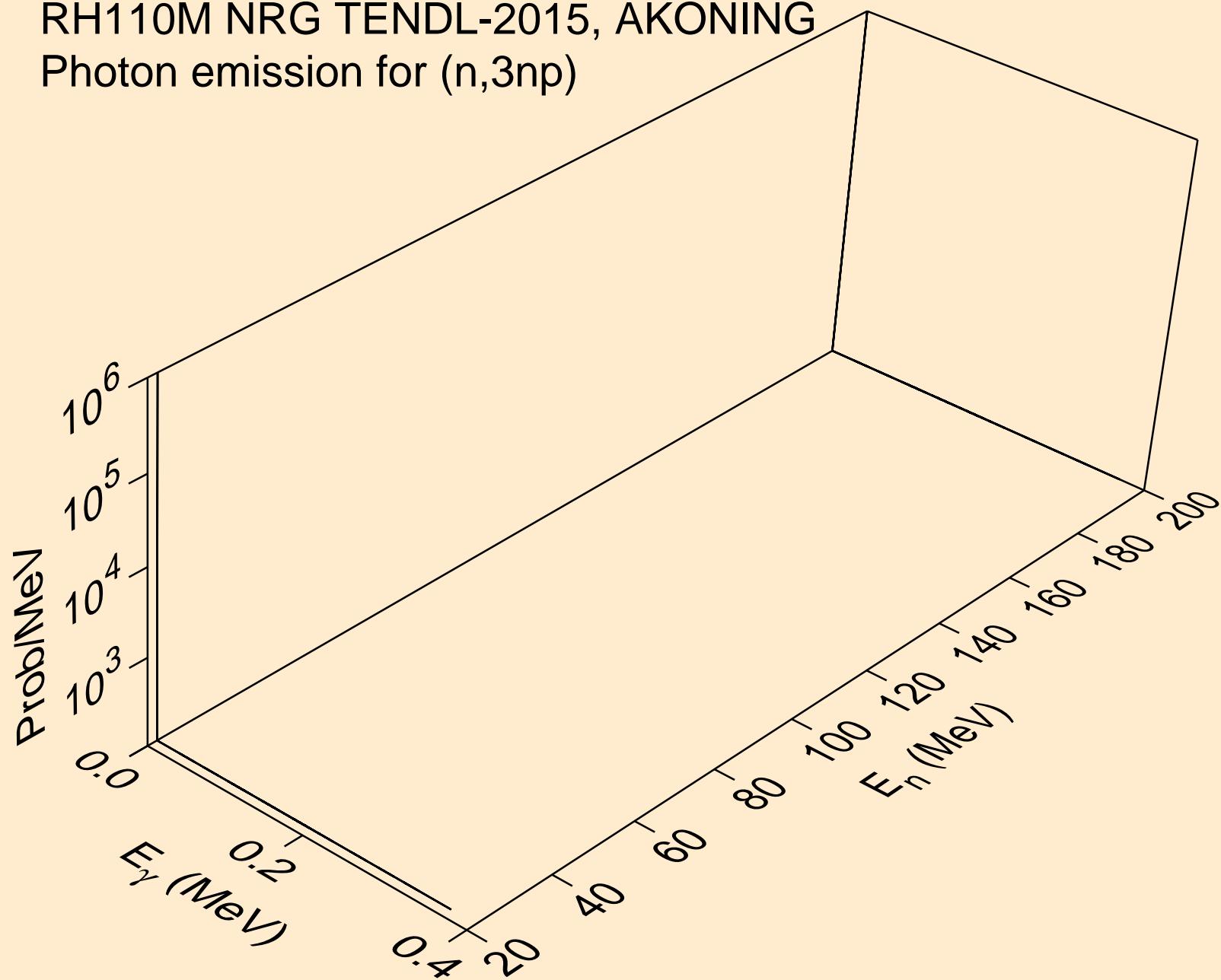
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Photon emission for (n,4n)



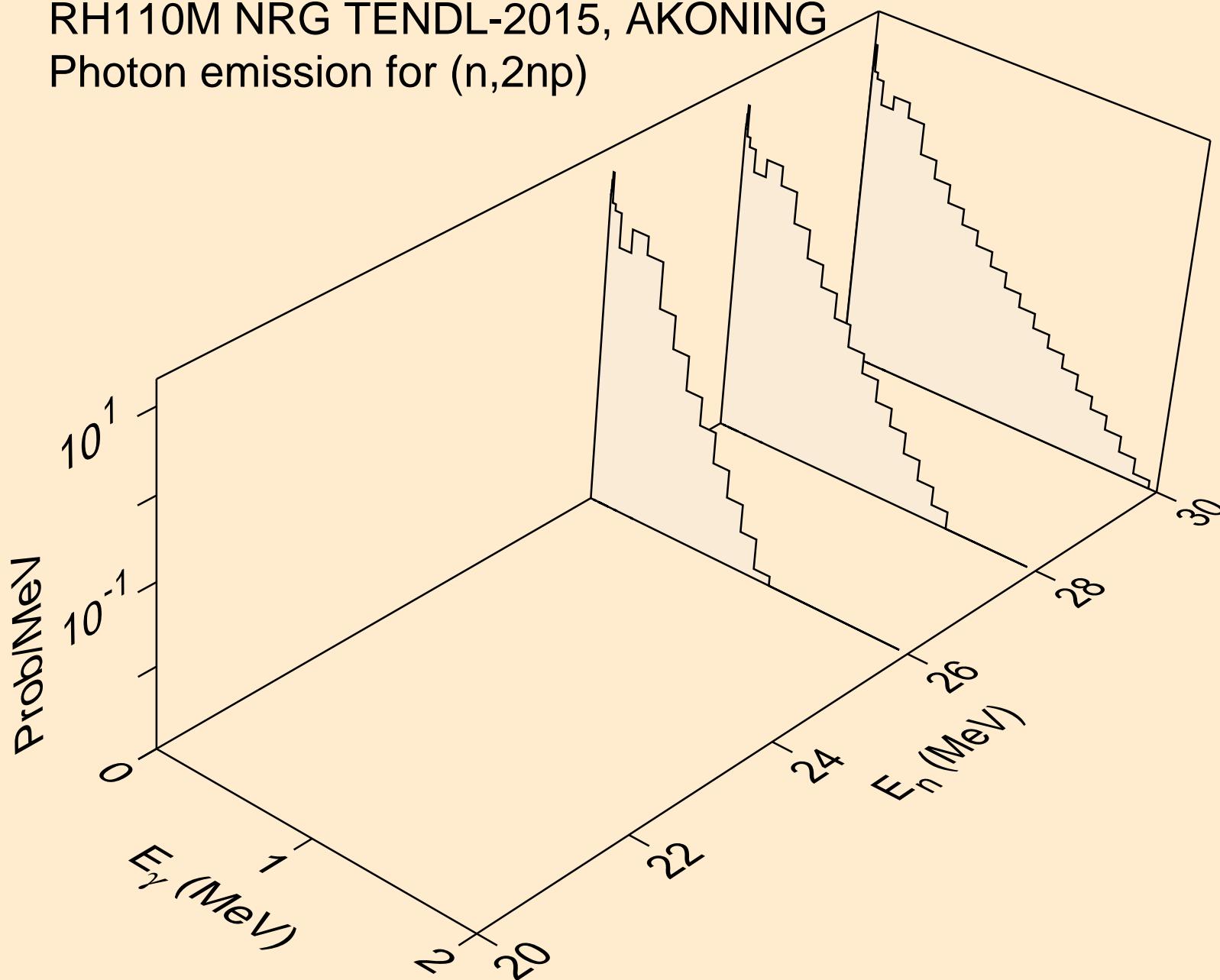
RH110M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



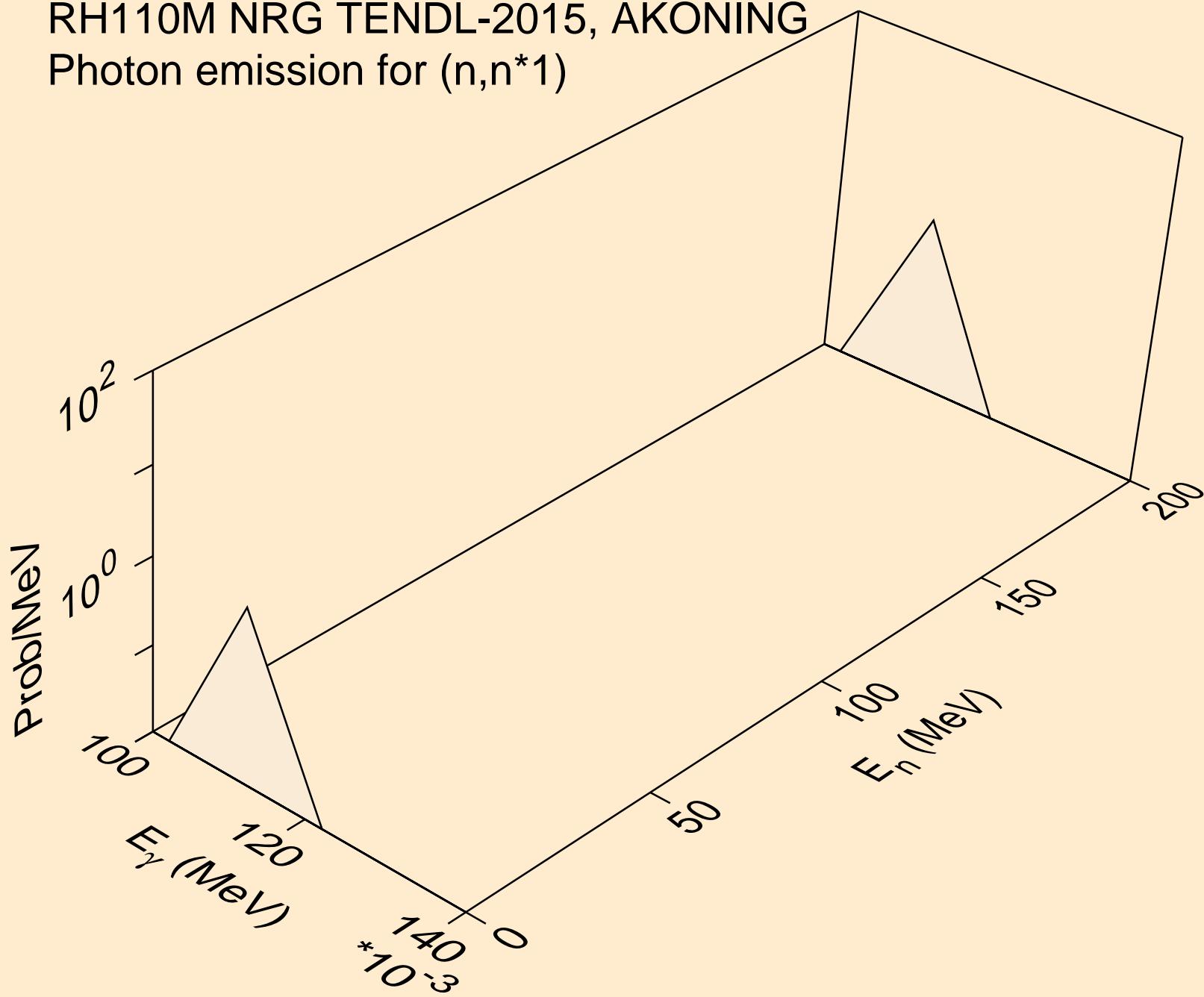
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Photon emission for (n,3np)



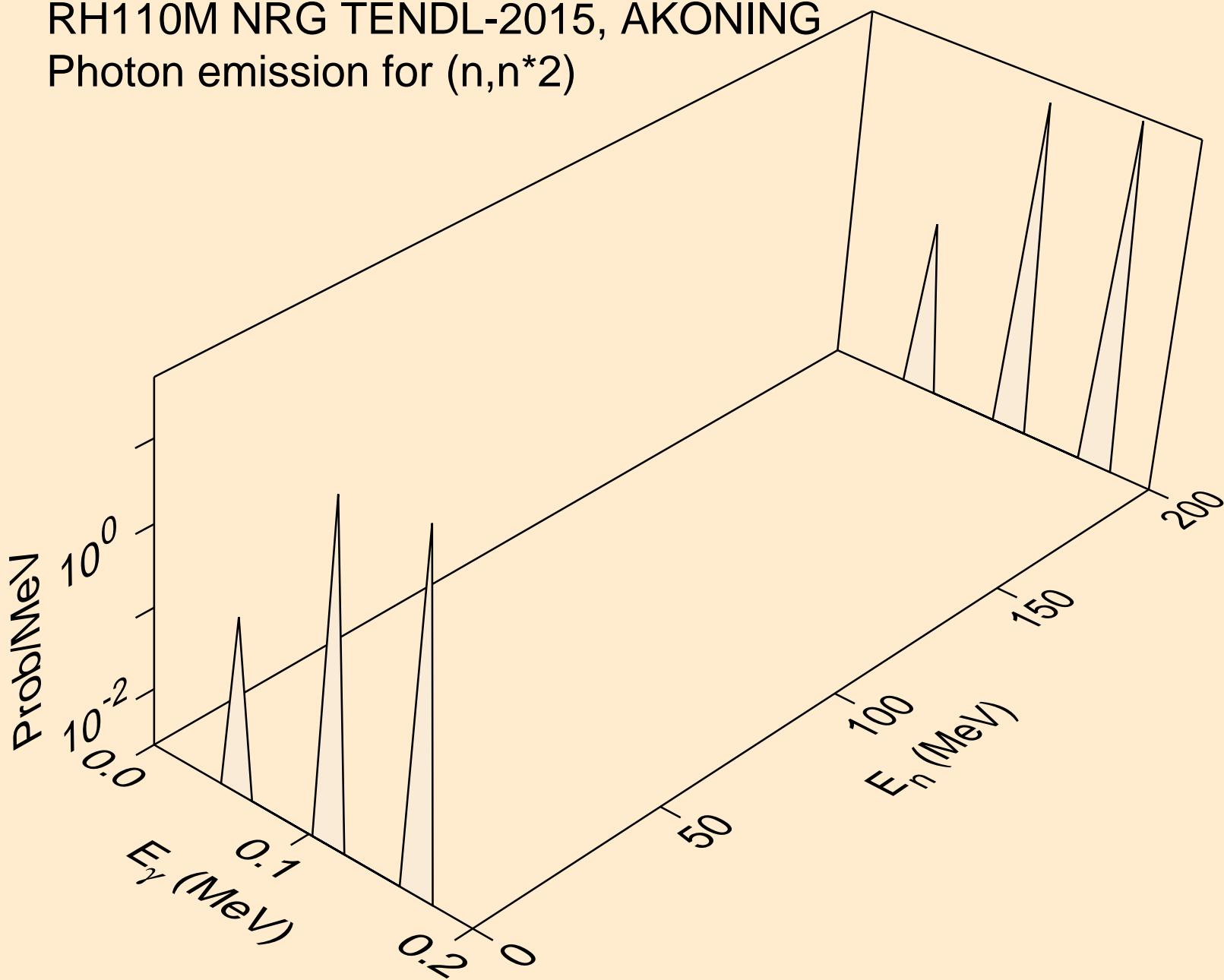
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Photon emission for (n,2np)



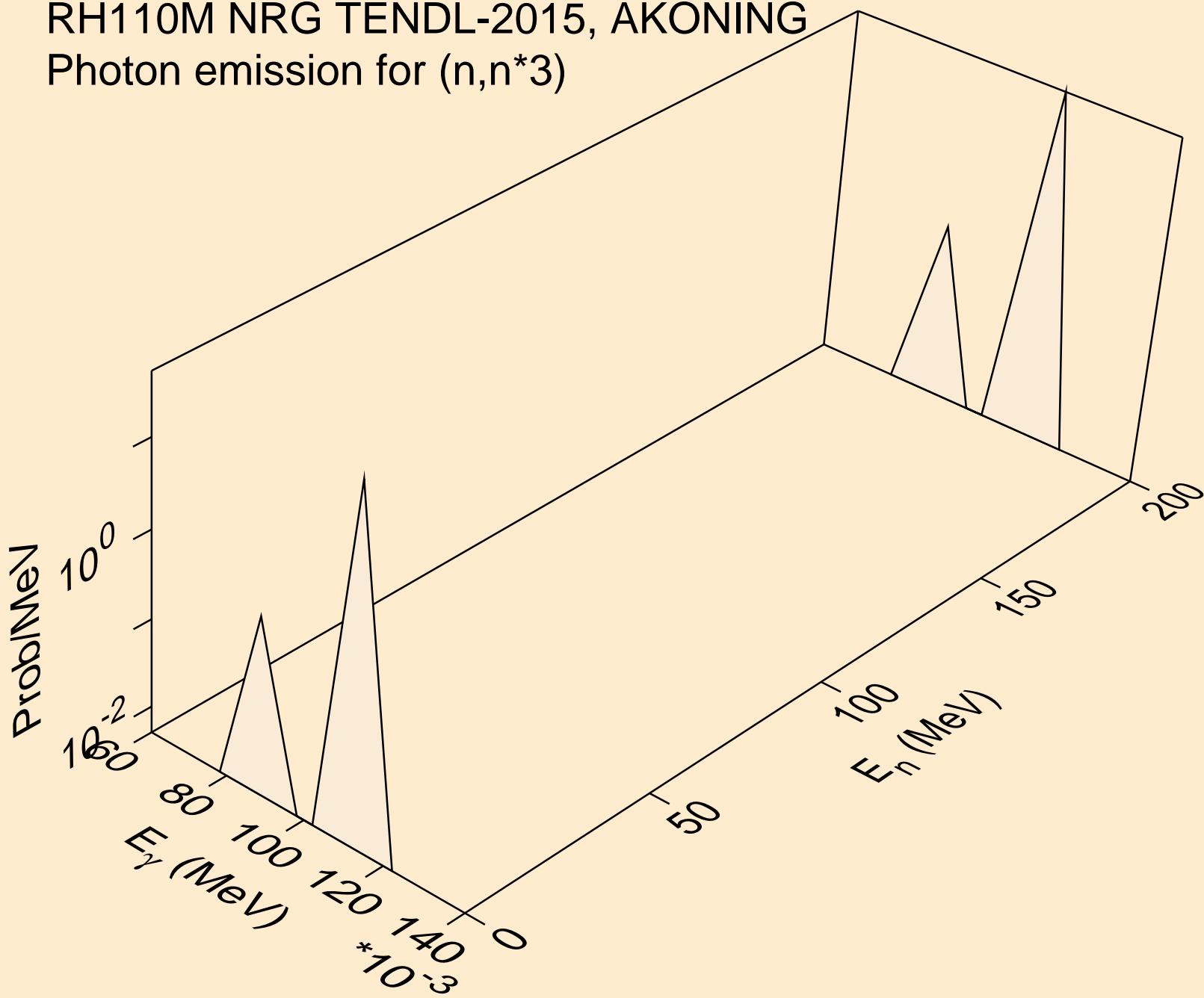
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Photon emission for (n,n\*1)



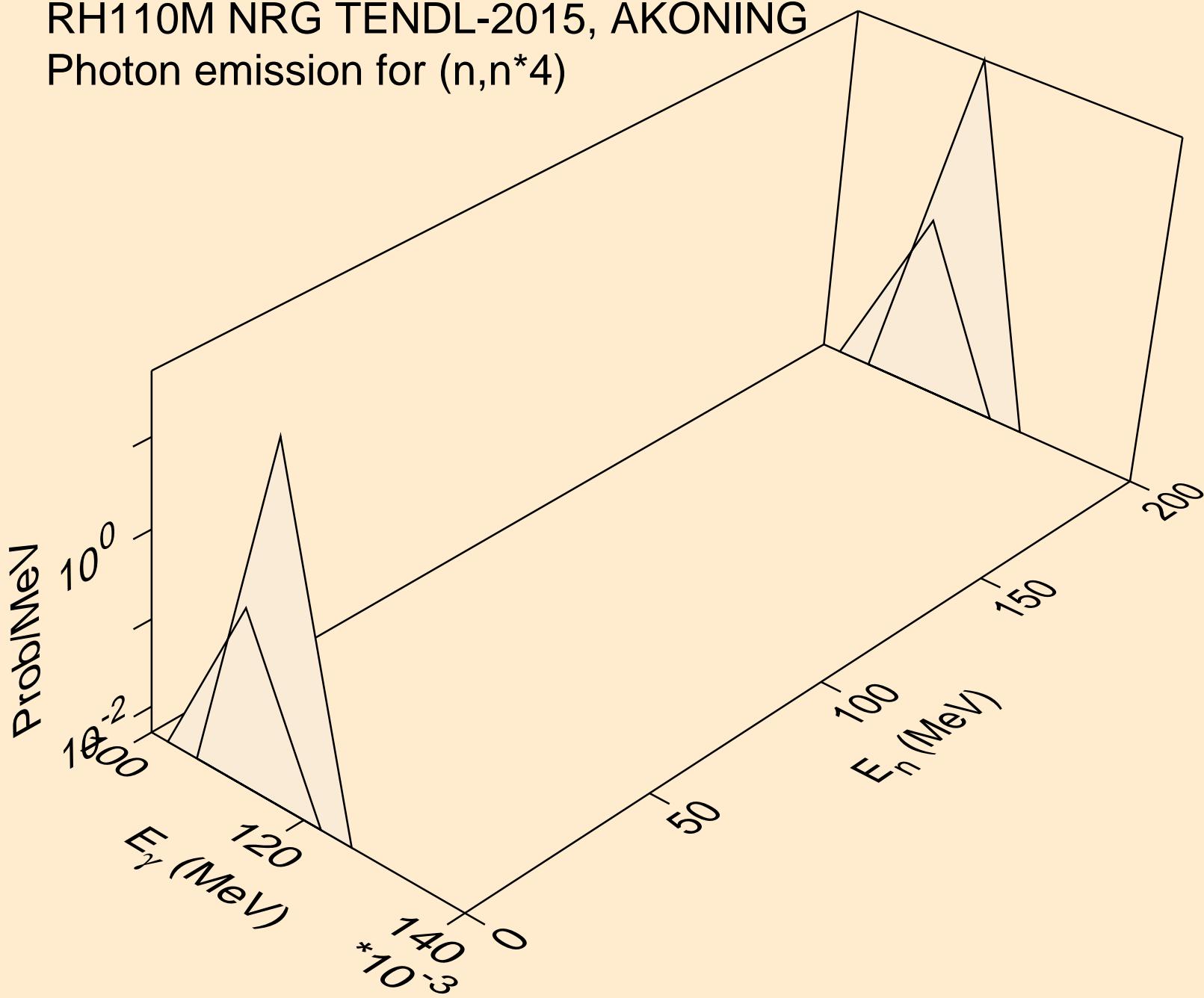
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Photon emission for (n,n\*2)



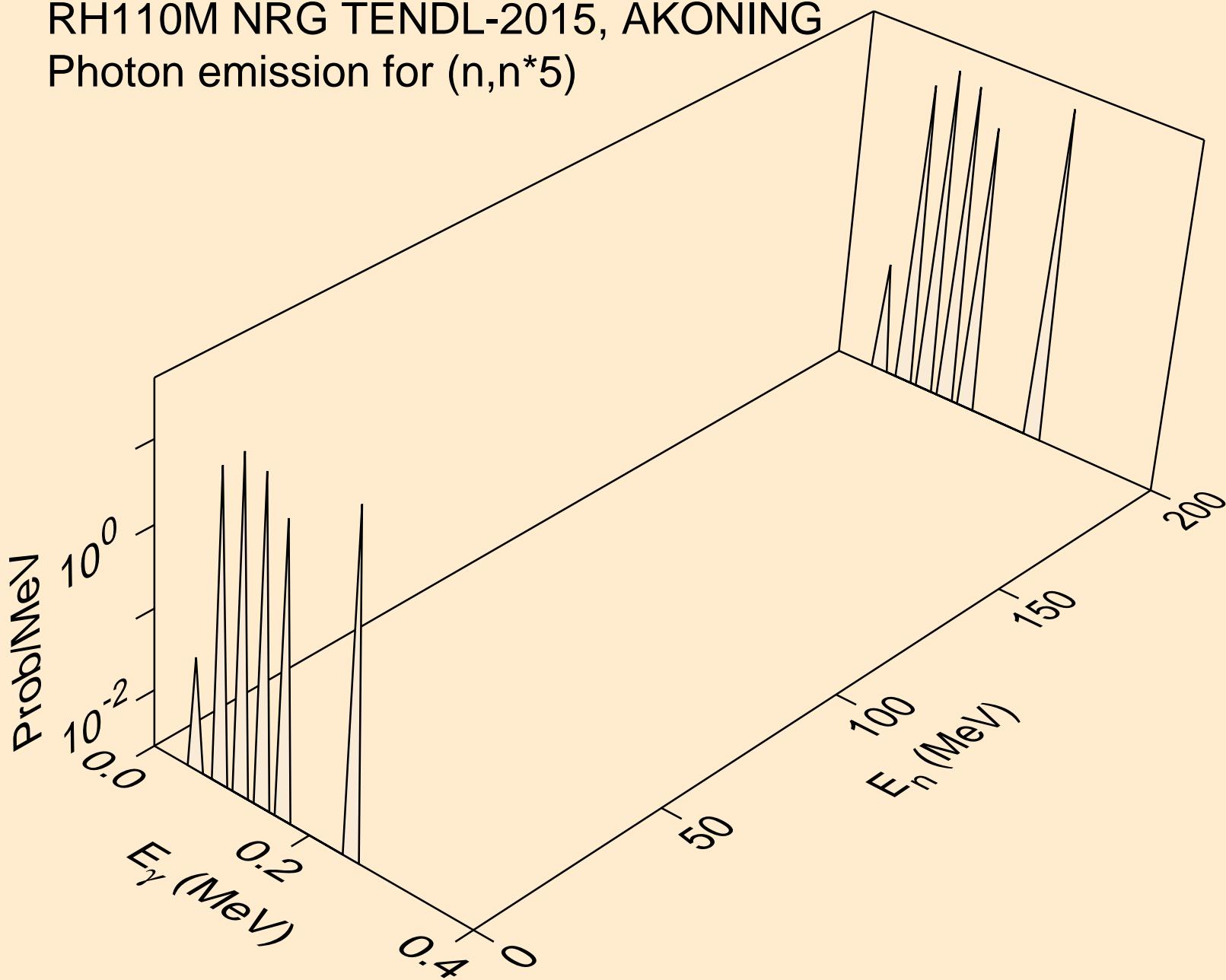
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Photon emission for (n,n\*3)



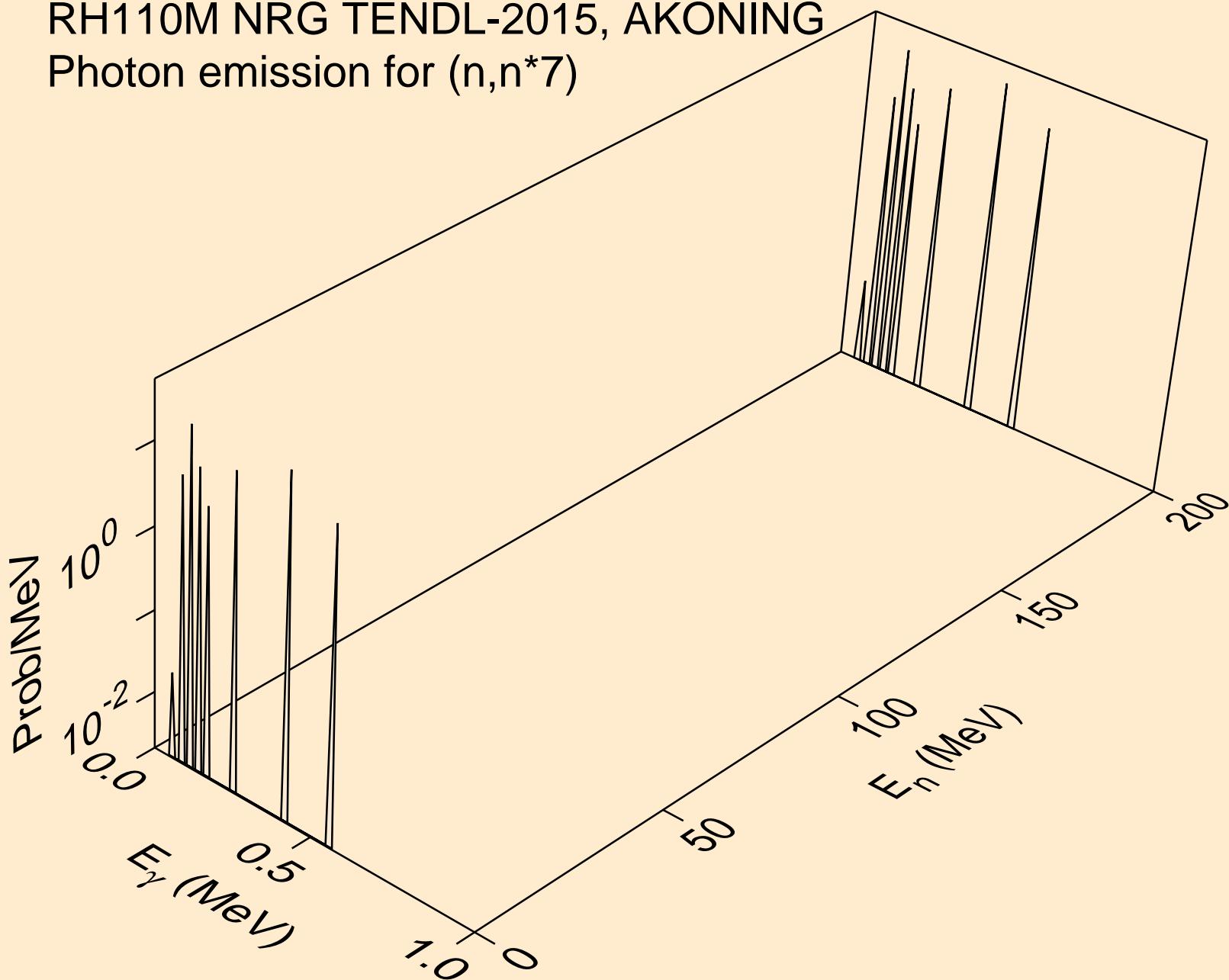
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Photon emission for (n,n\*4)



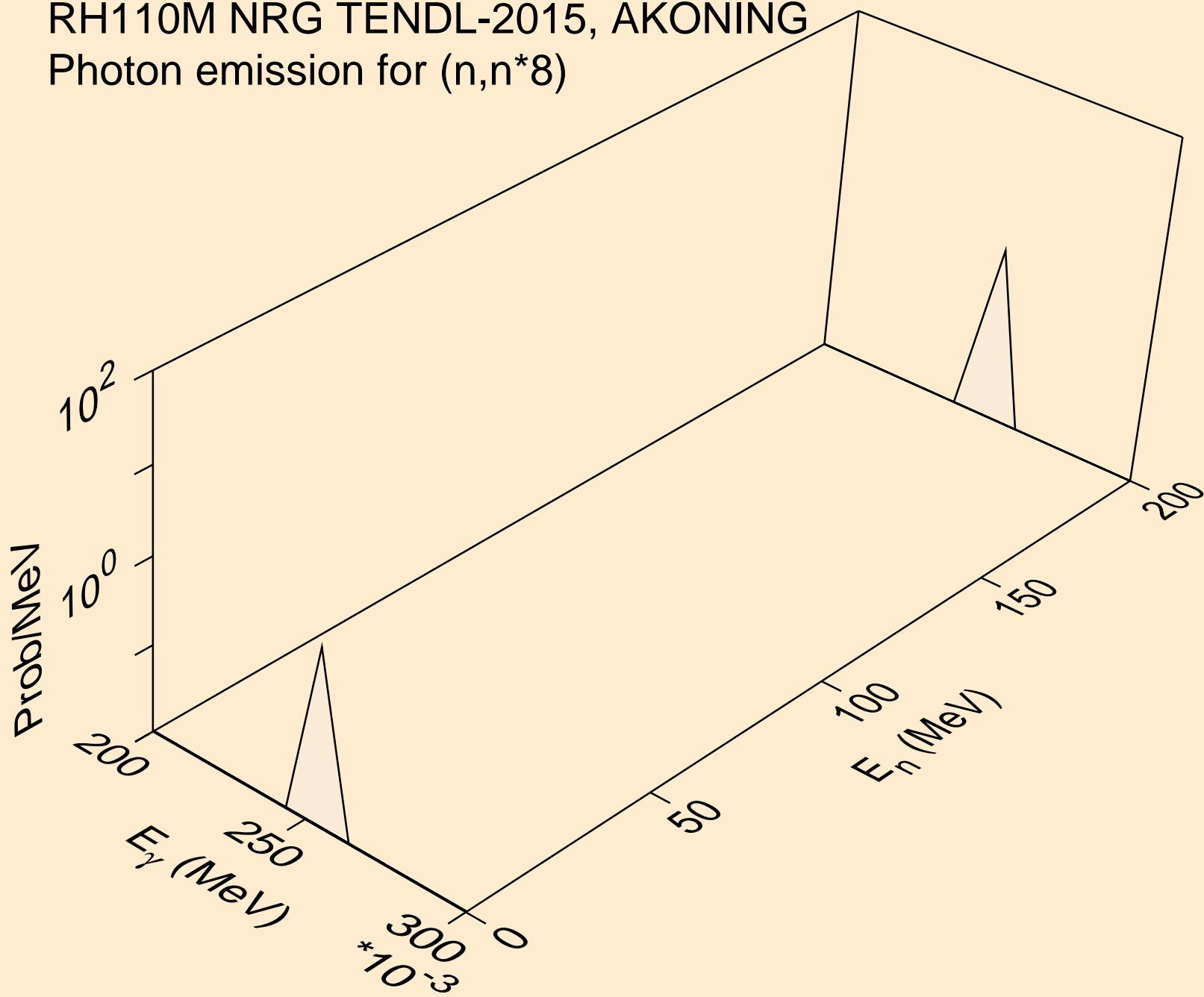
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Photon emission for (n,n\*5)



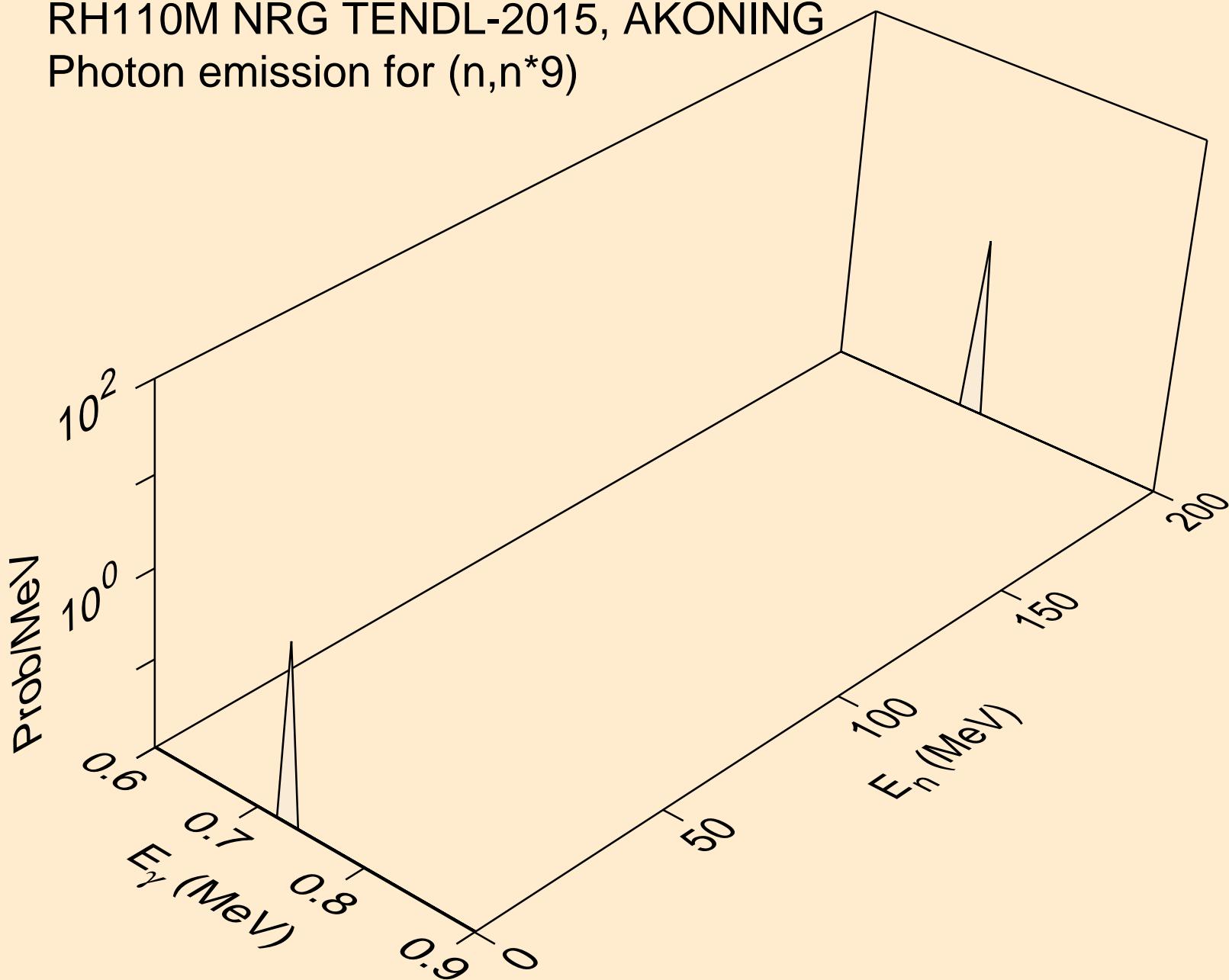
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Photon emission for (n,n\*7)



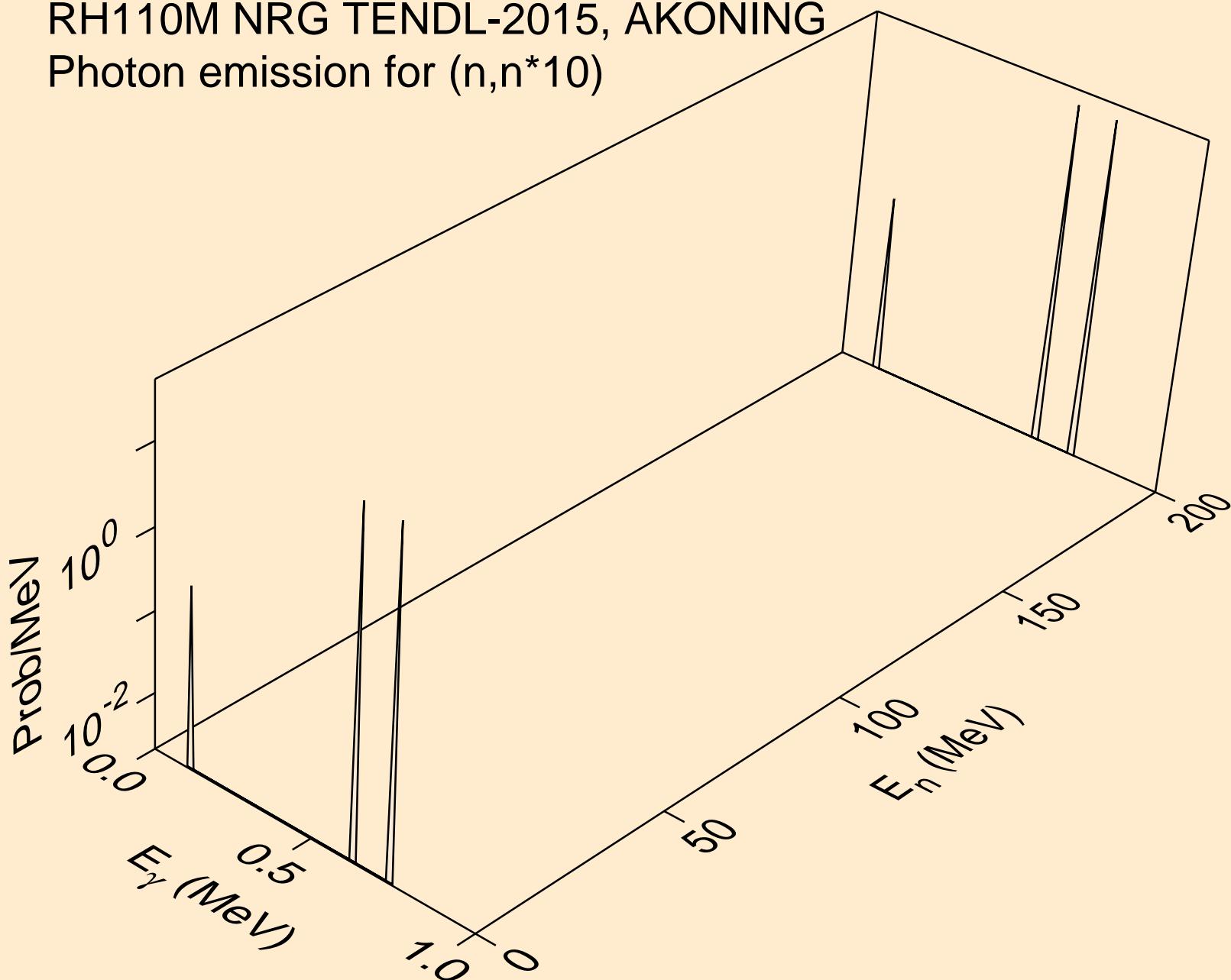
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Photon emission for (n,n\*8)



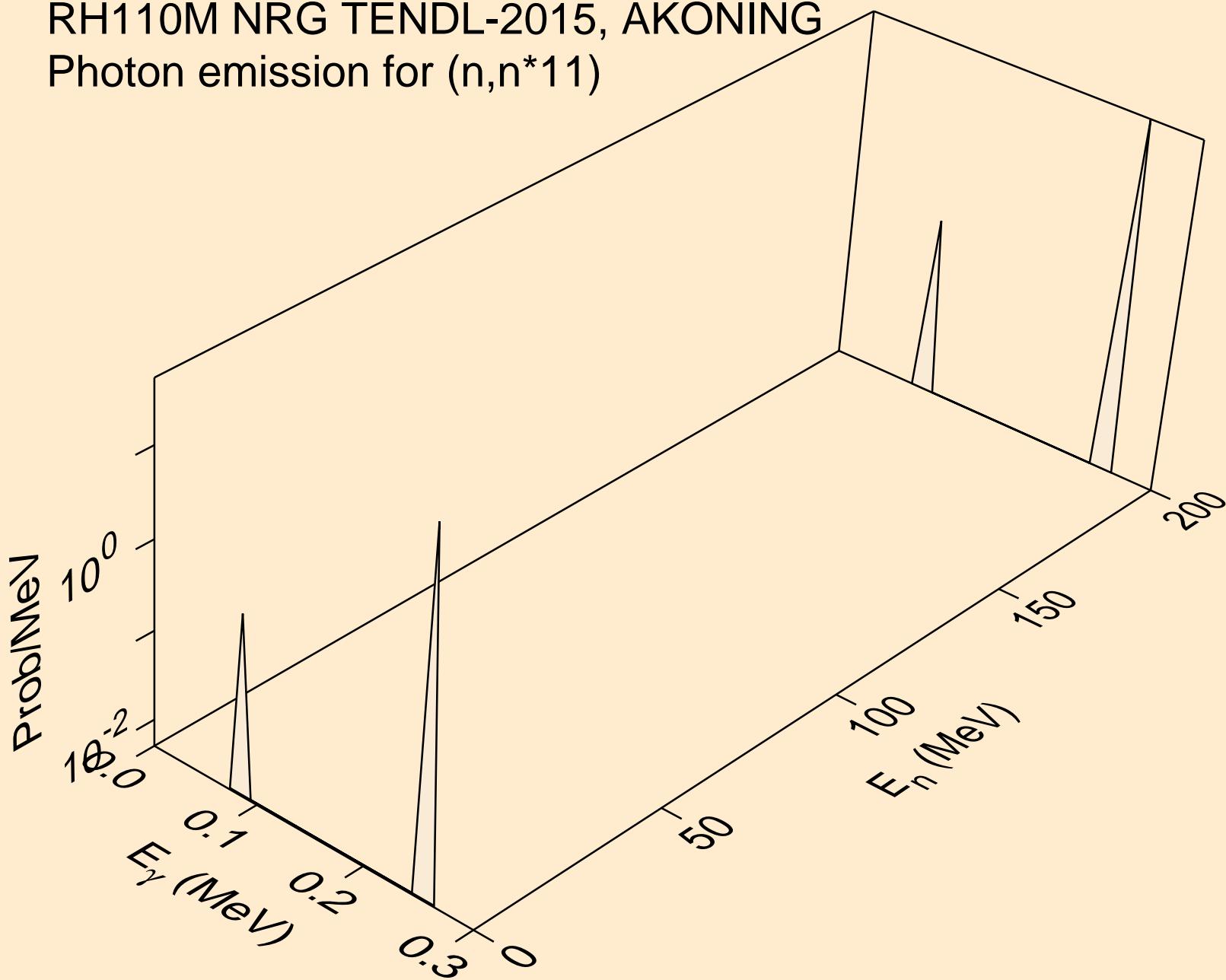
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Photon emission for (n,n\*9)



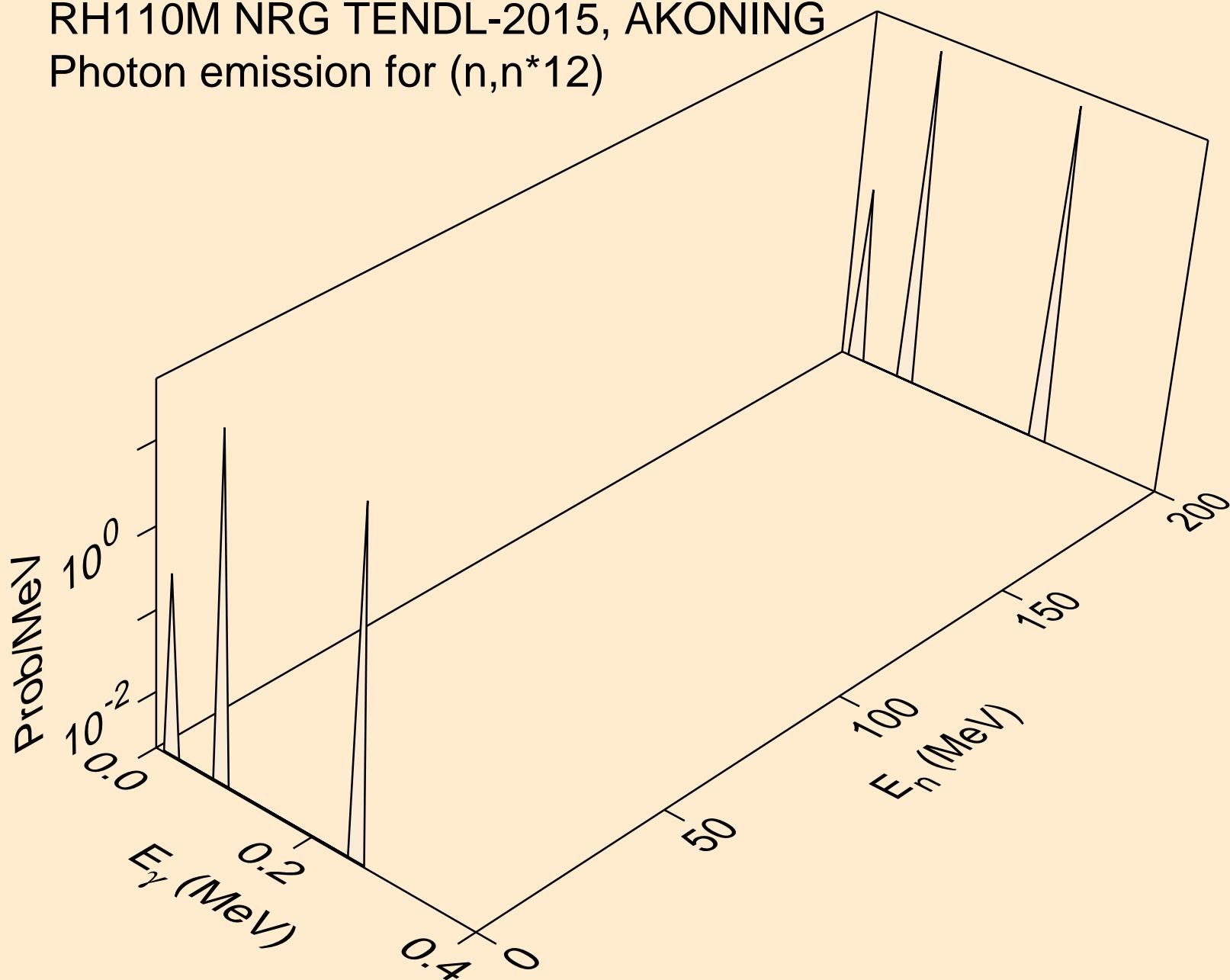
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Photon emission for (n,n\*10)



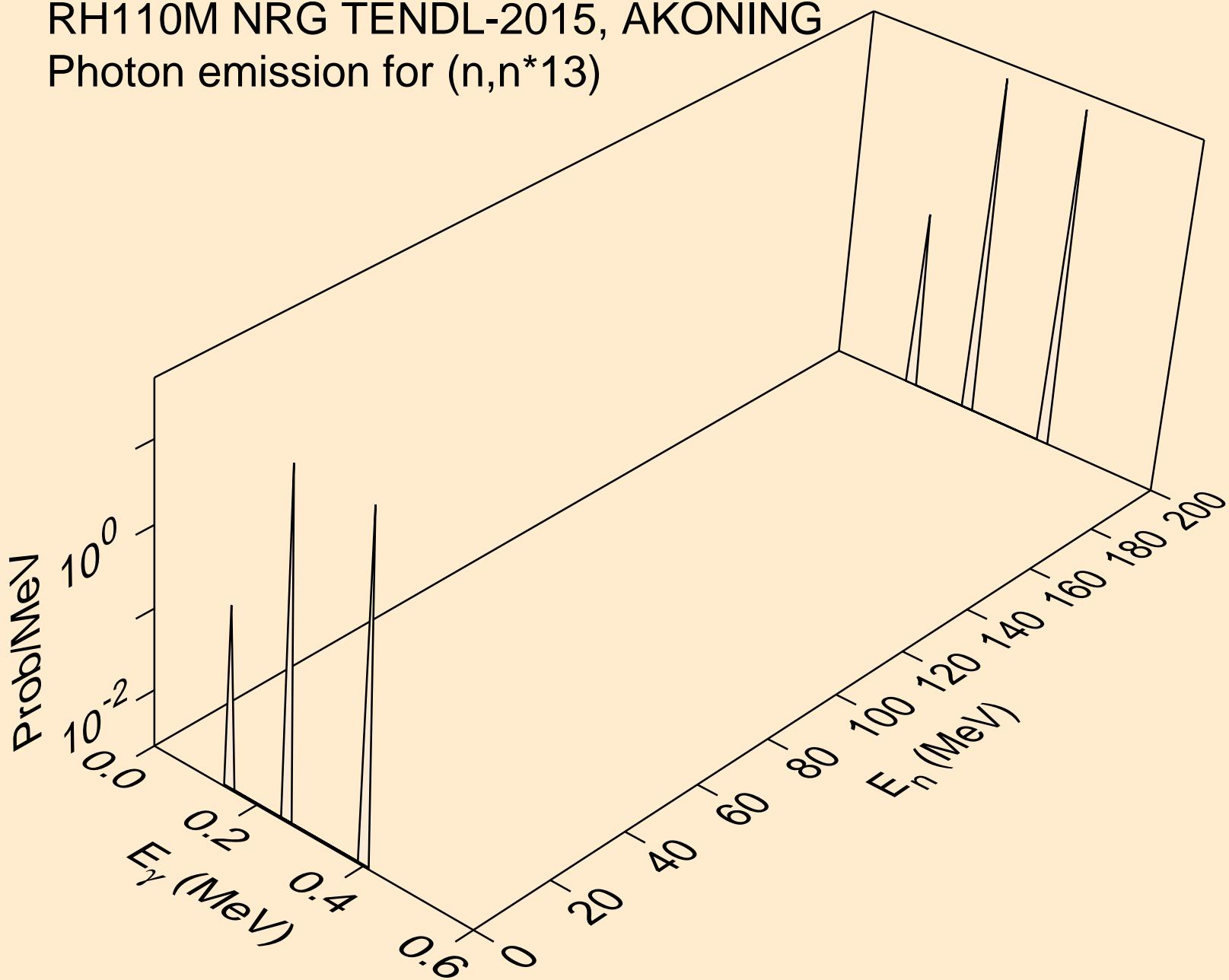
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Photon emission for (n,n\*11)



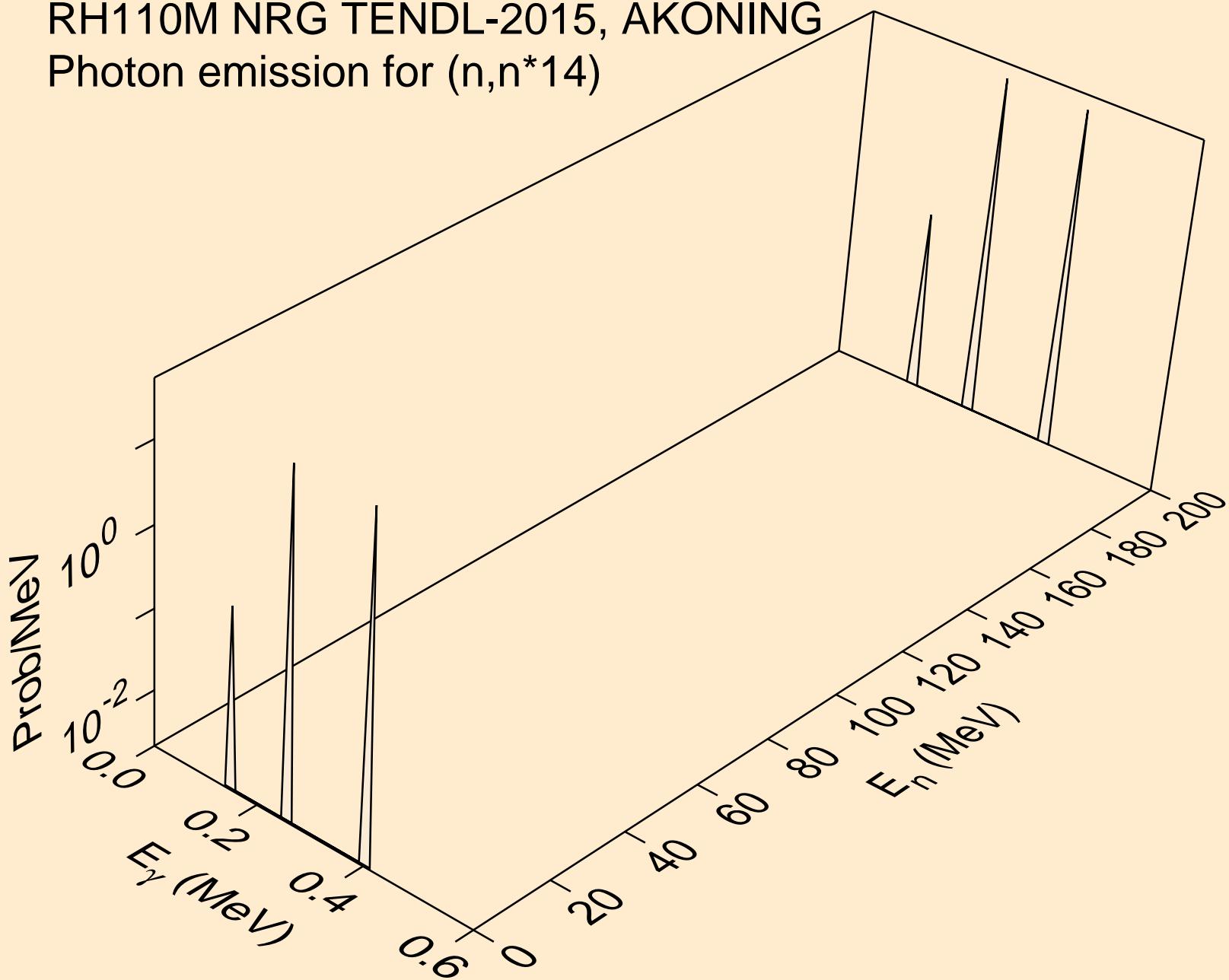
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Photon emission for (n,n\*12)



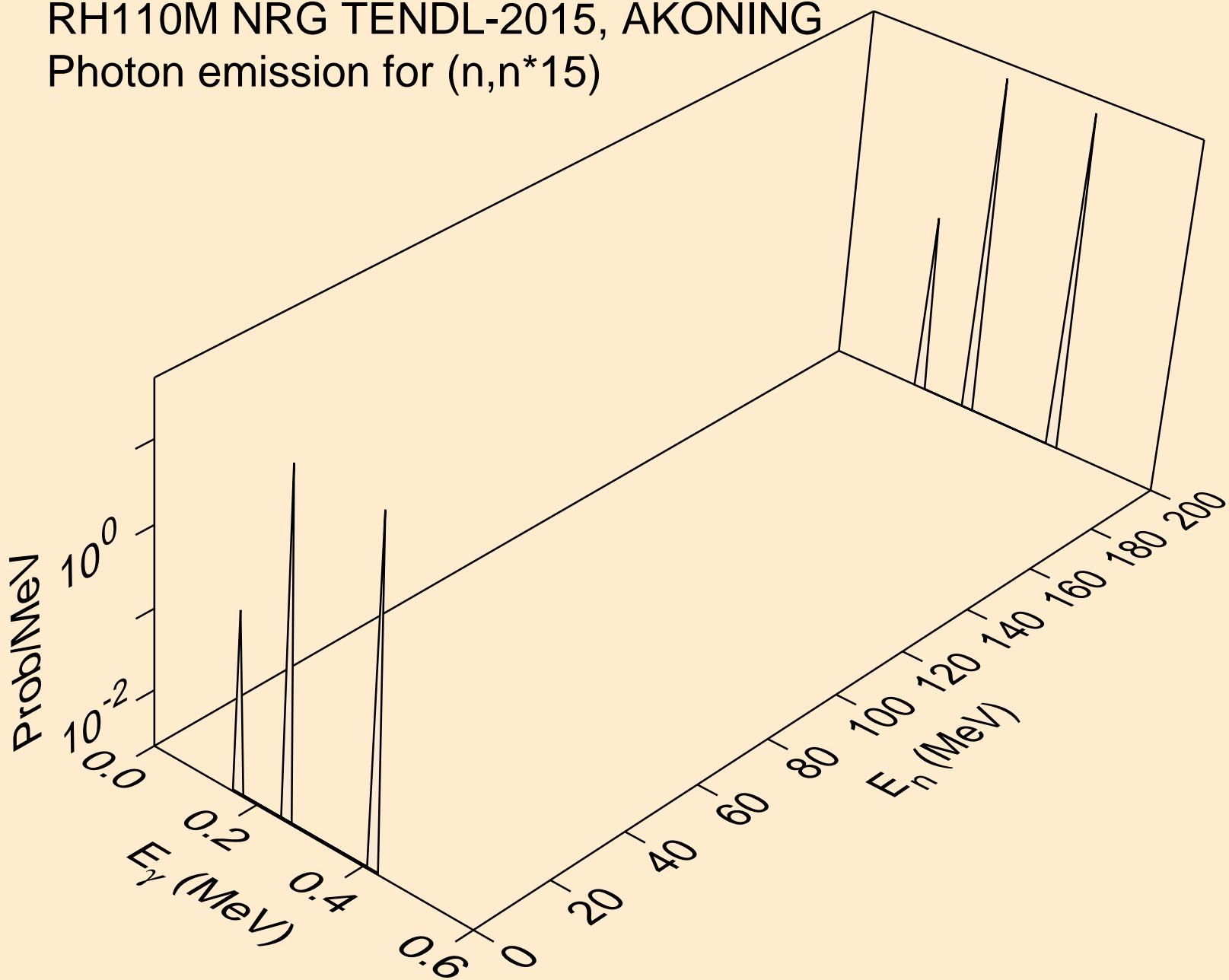
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Photon emission for (n,n\*13)



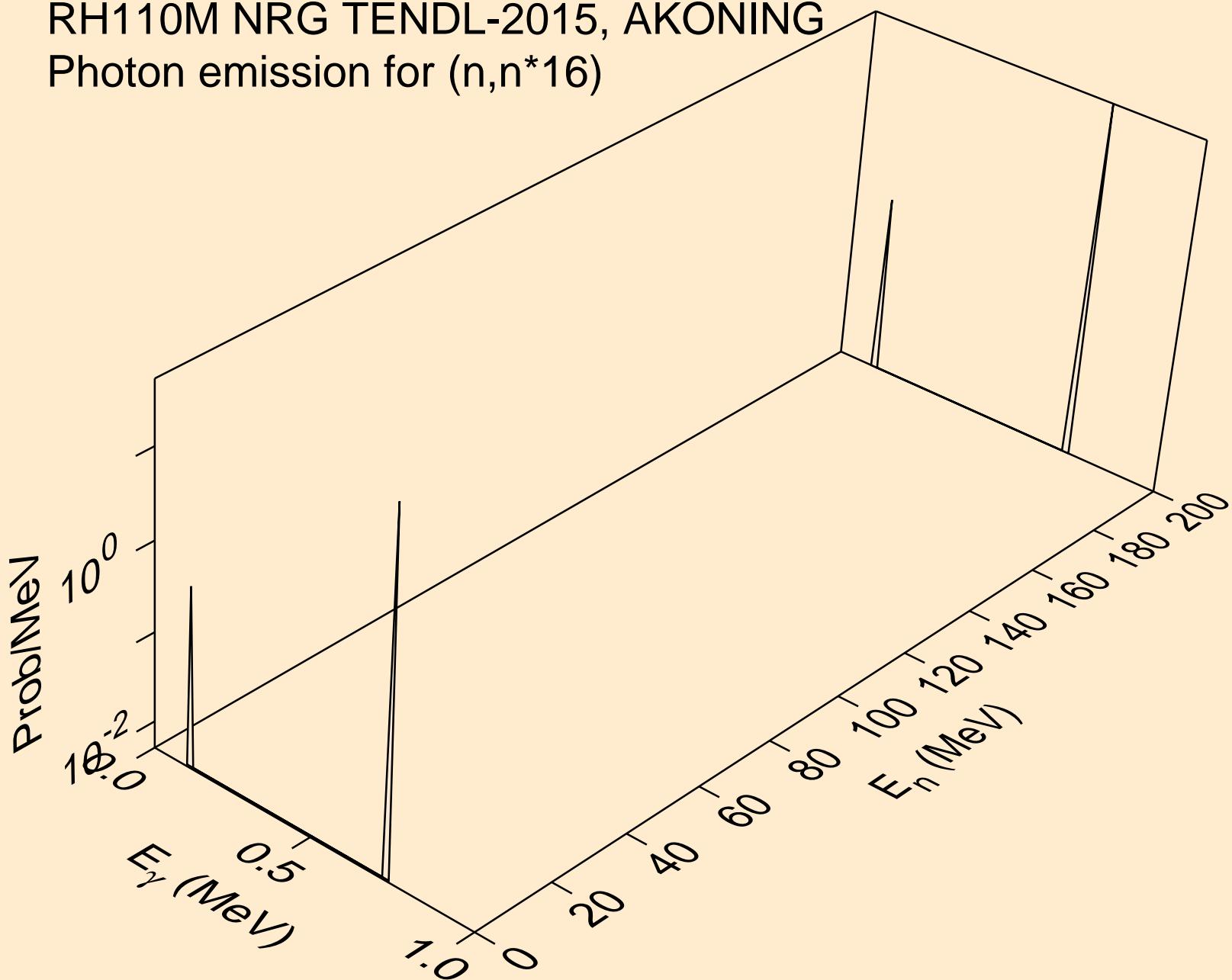
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Photon emission for (n,n\*14)



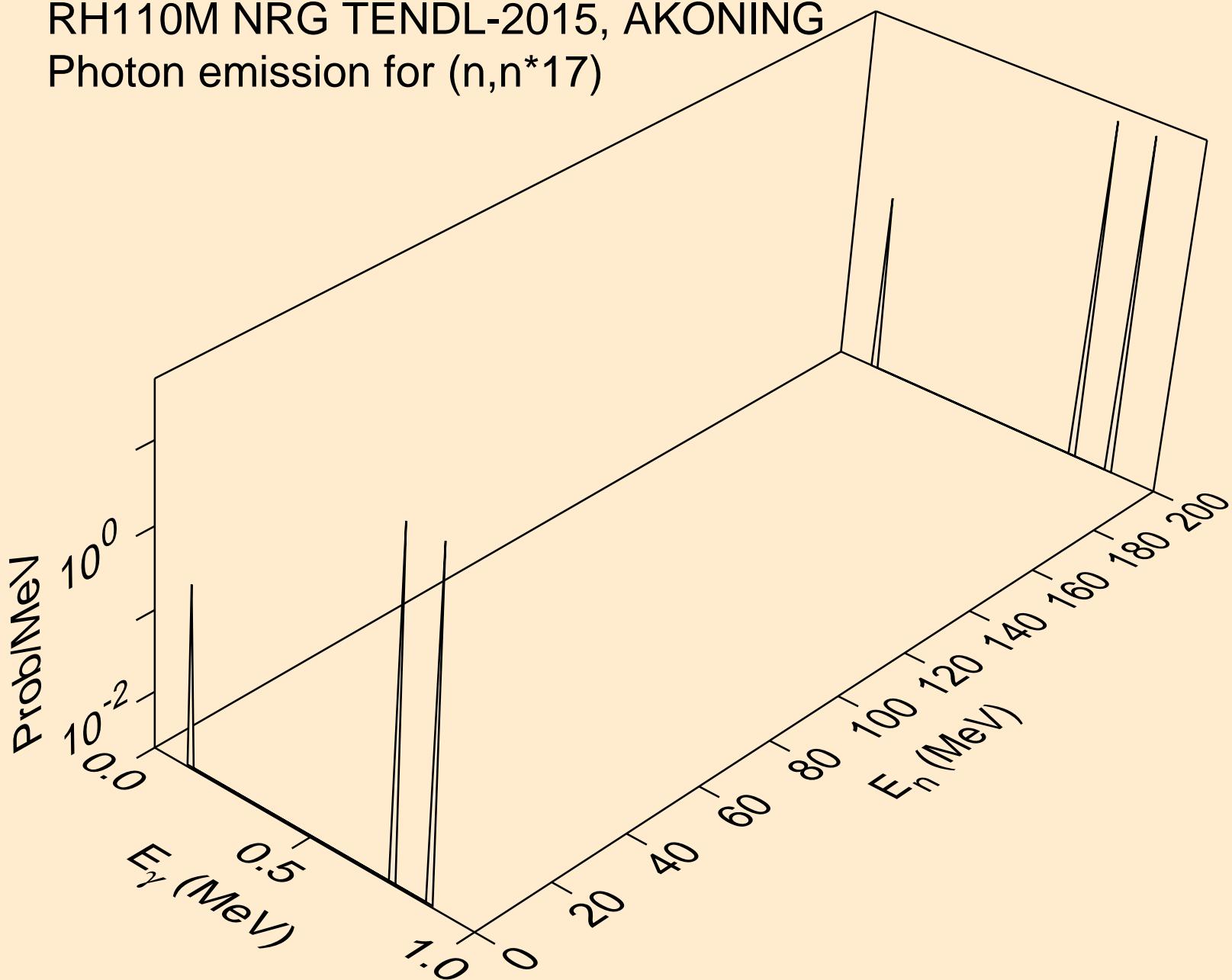
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Photon emission for (n,n\*15)



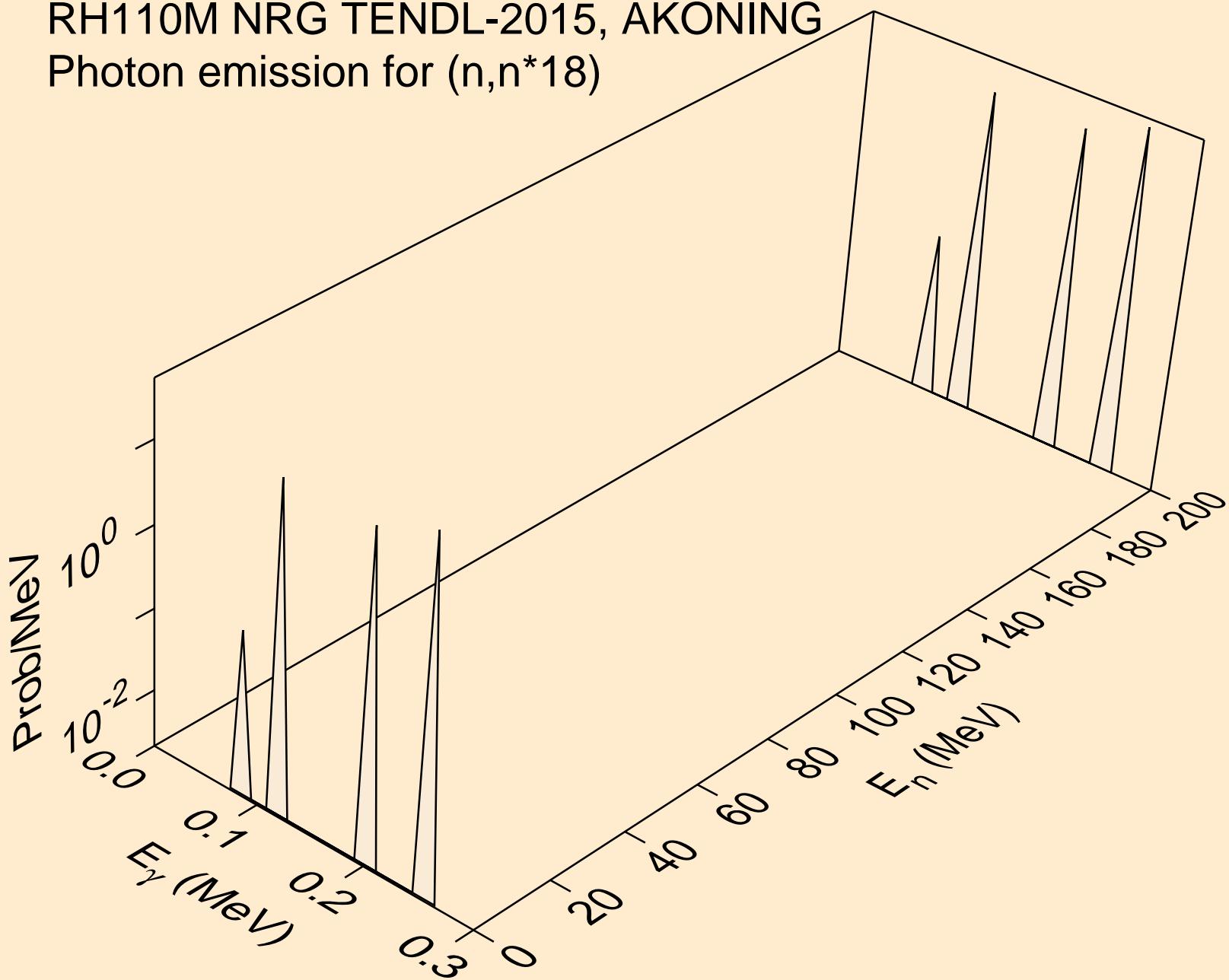
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Photon emission for (n,n\*16)



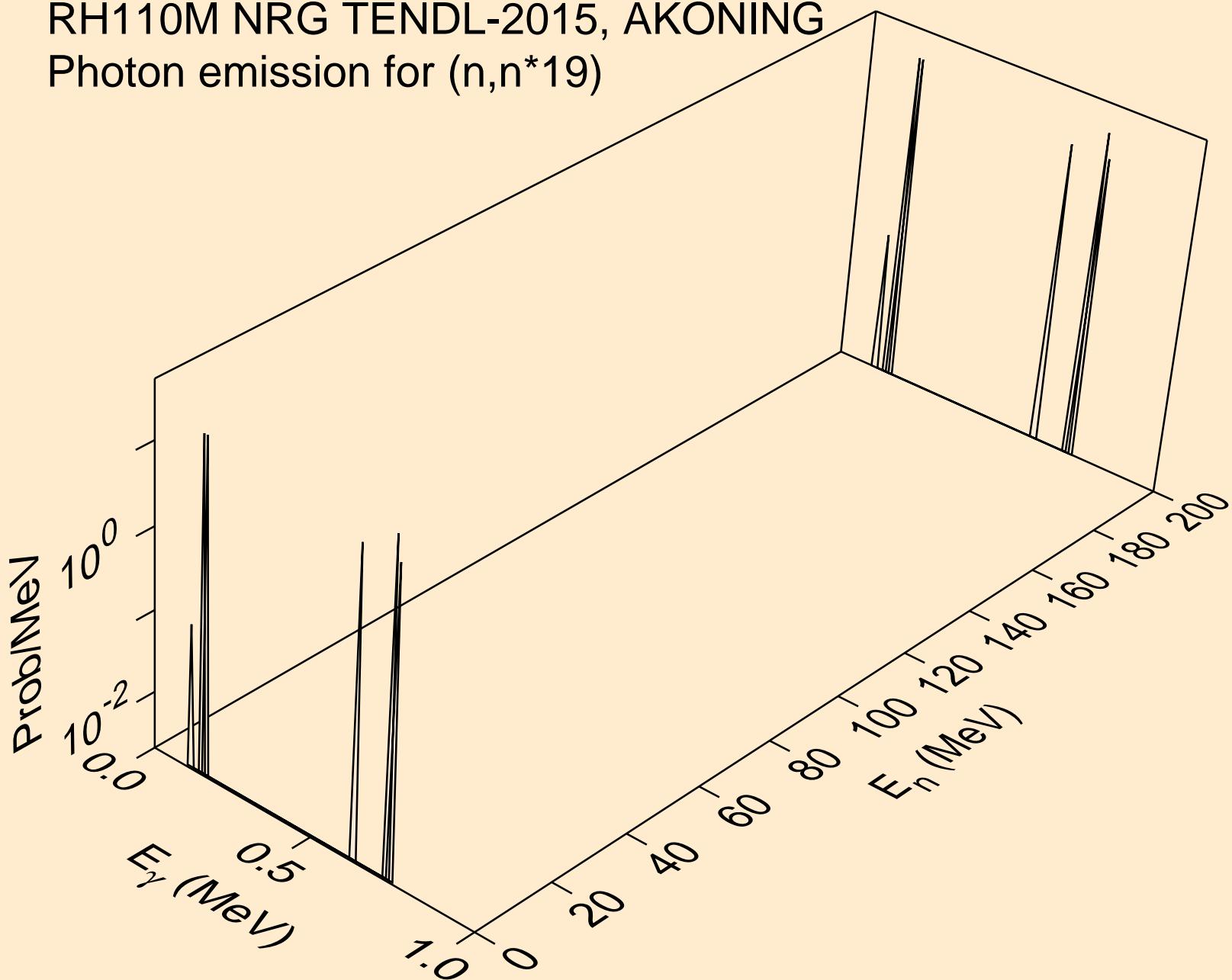
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Photon emission for (n,n\*17)



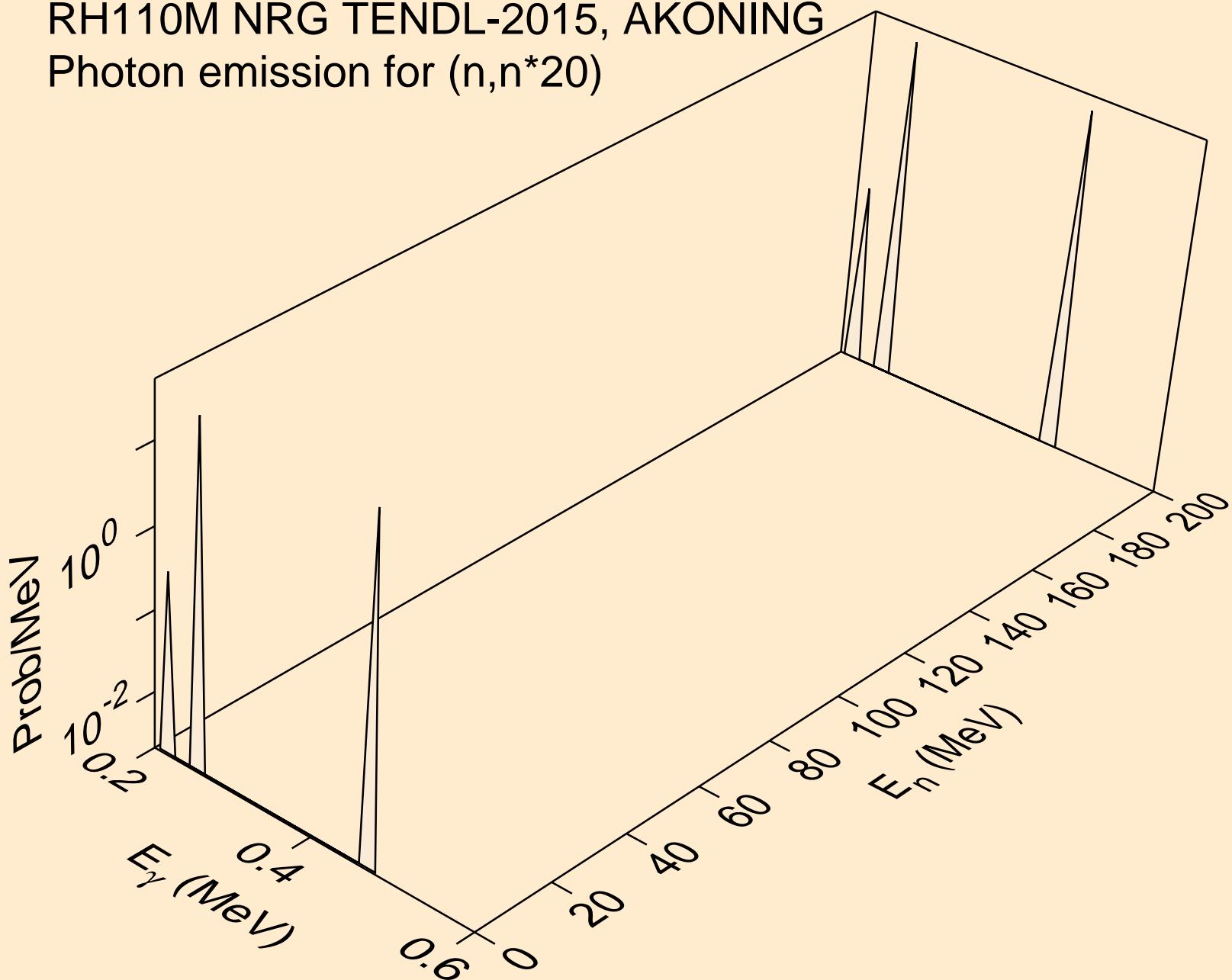
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Photon emission for (n,n\*18)



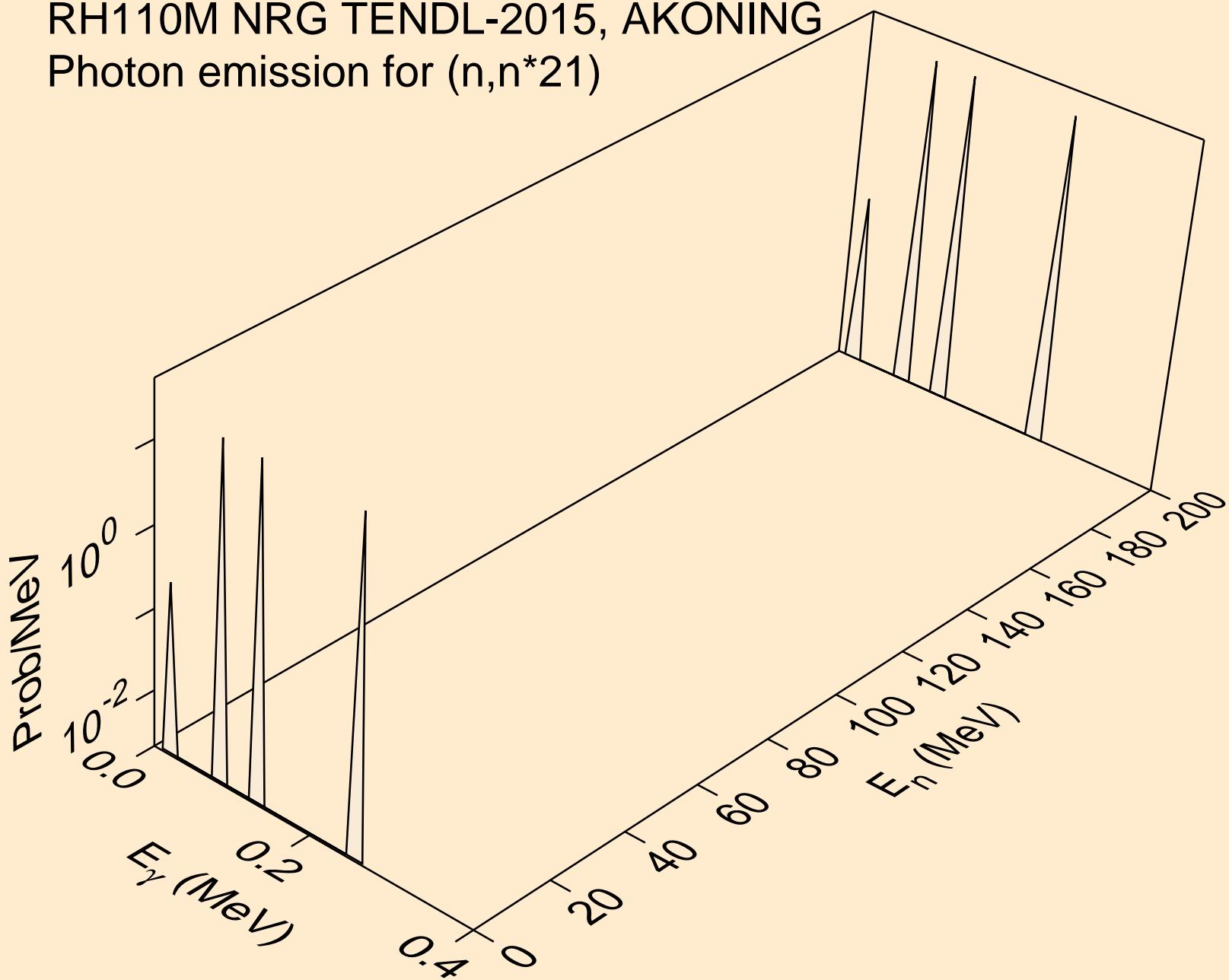
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Photon emission for (n,n\*19)



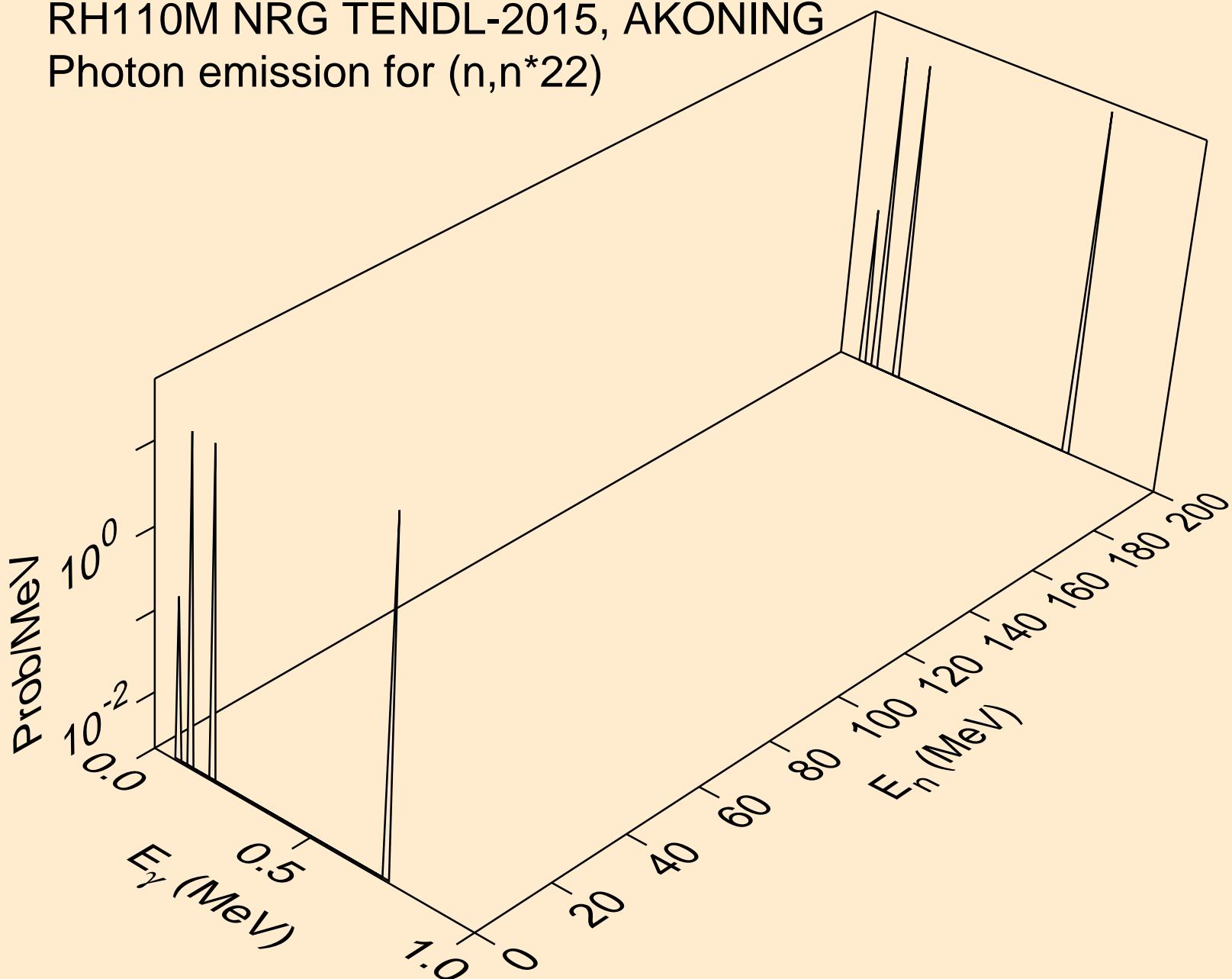
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Photon emission for (n,n\*20)



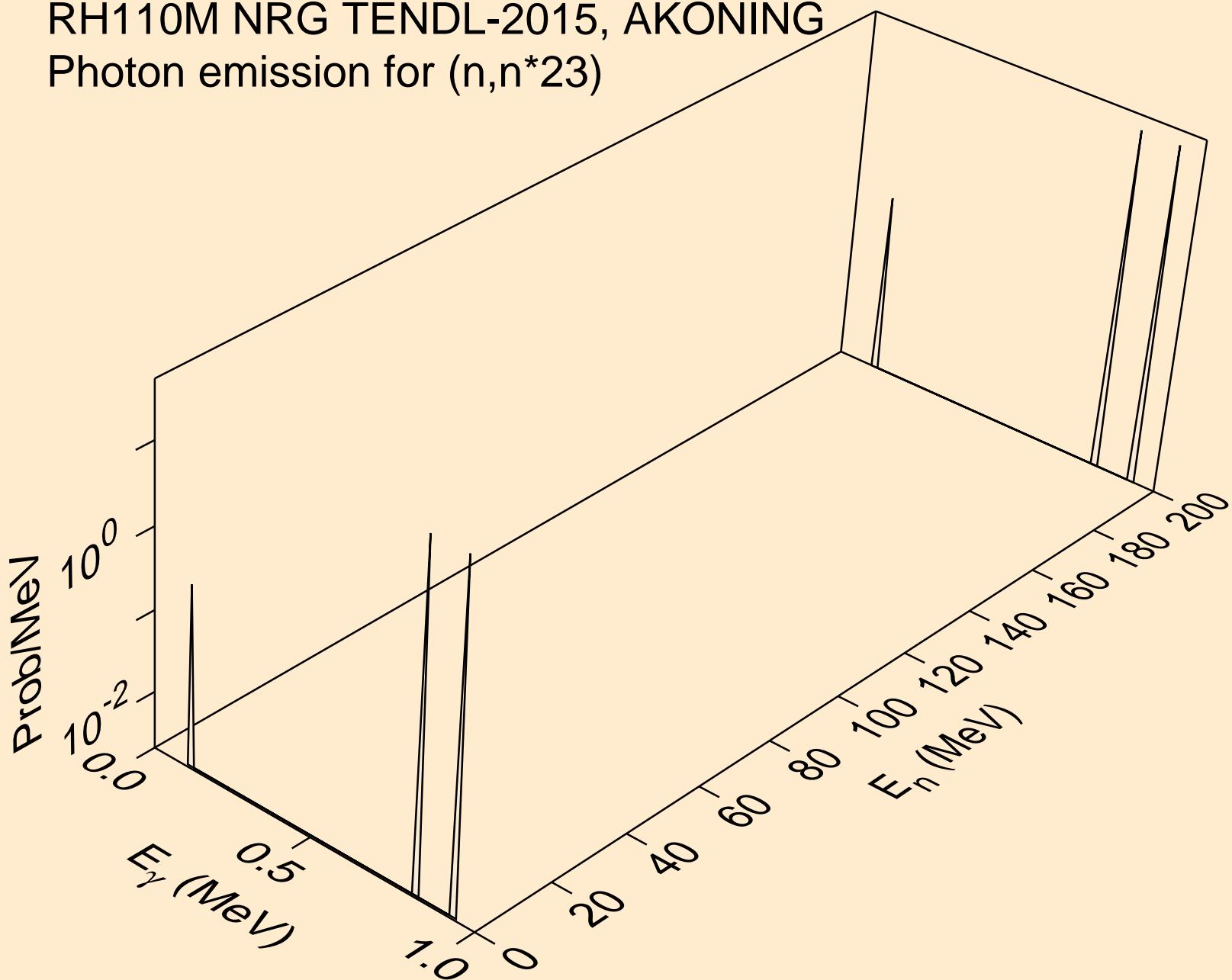
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Photon emission for (n,n\*21)



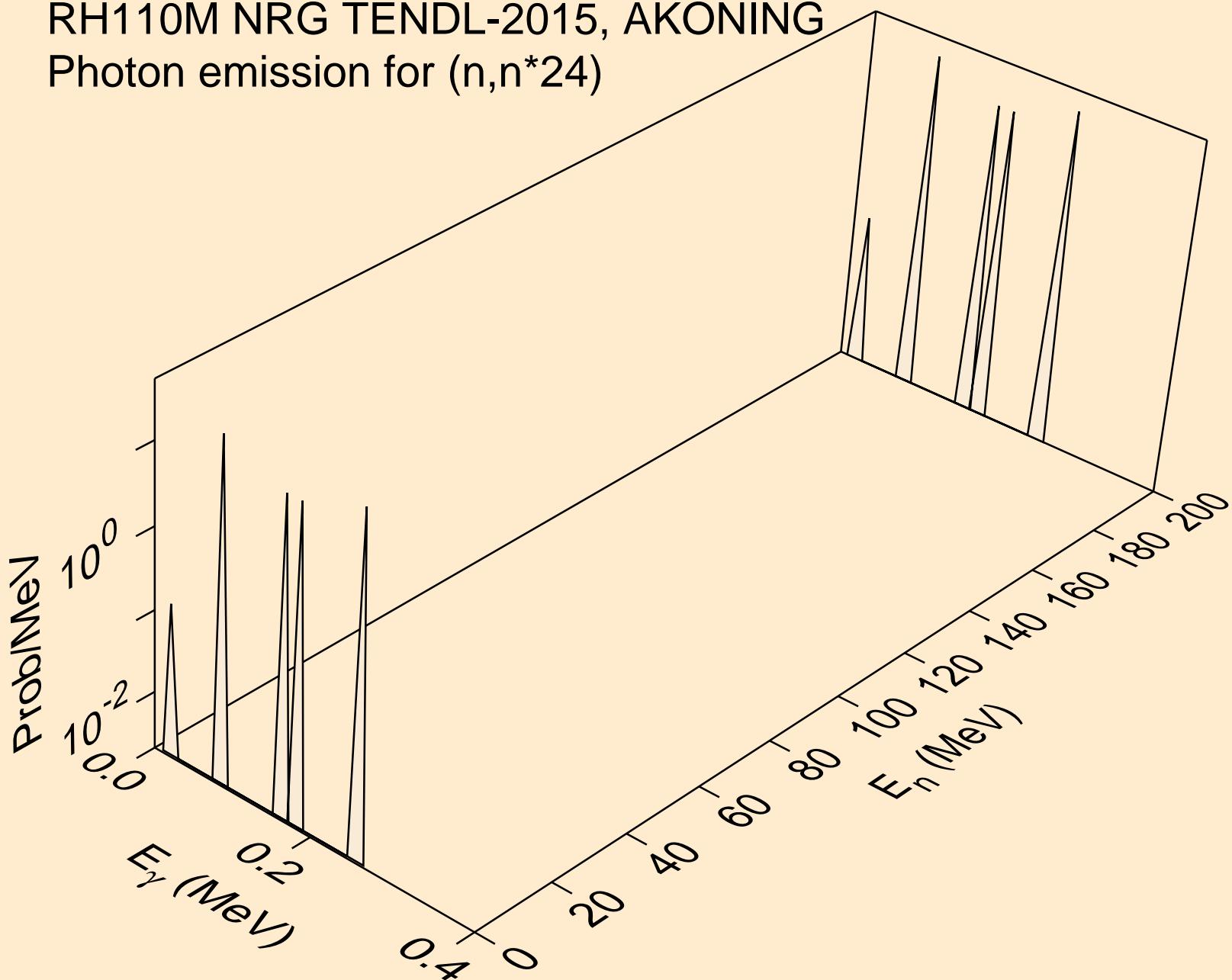
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Photon emission for (n,n\*22)



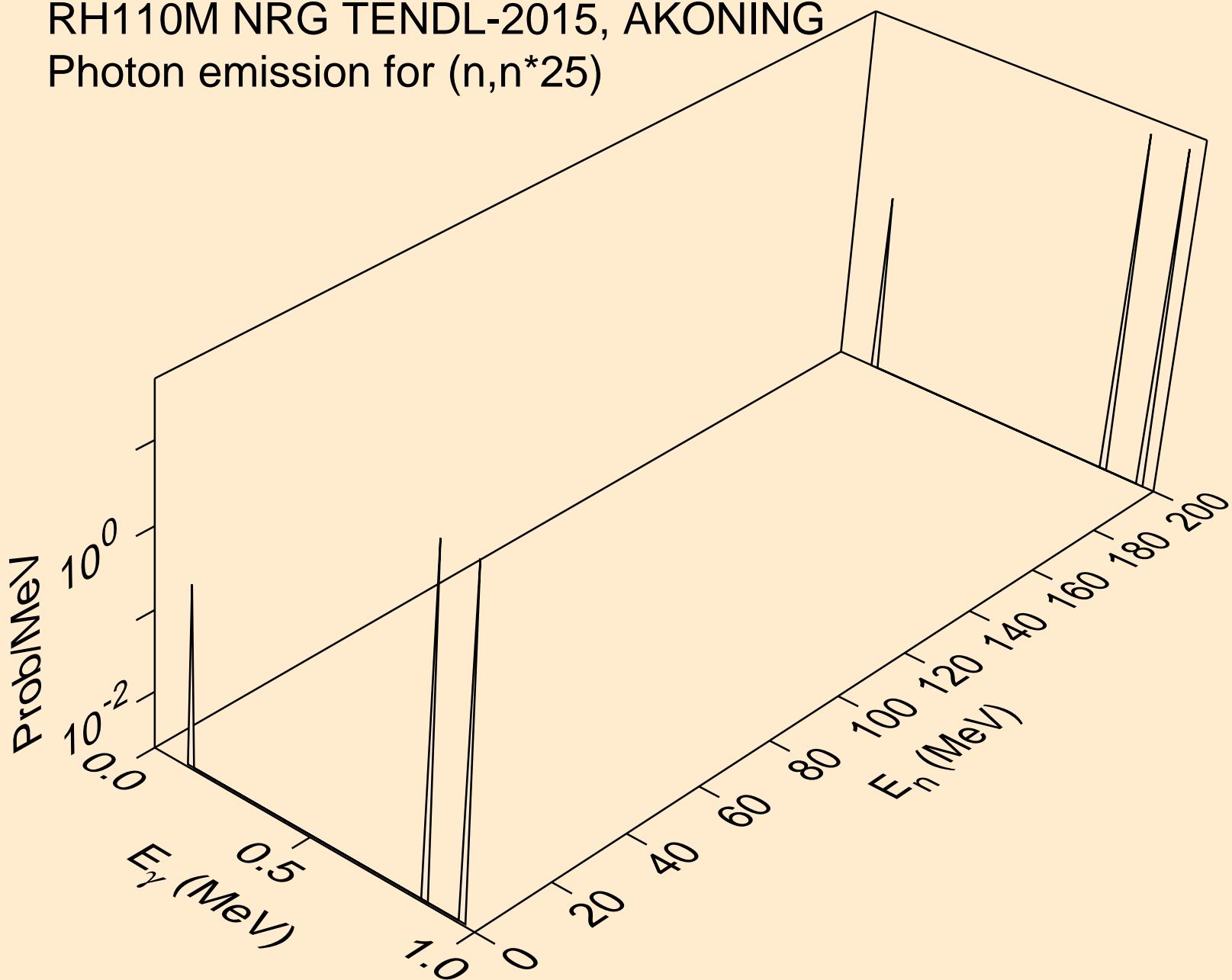
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Photon emission for ( $n, n^* 23$ )



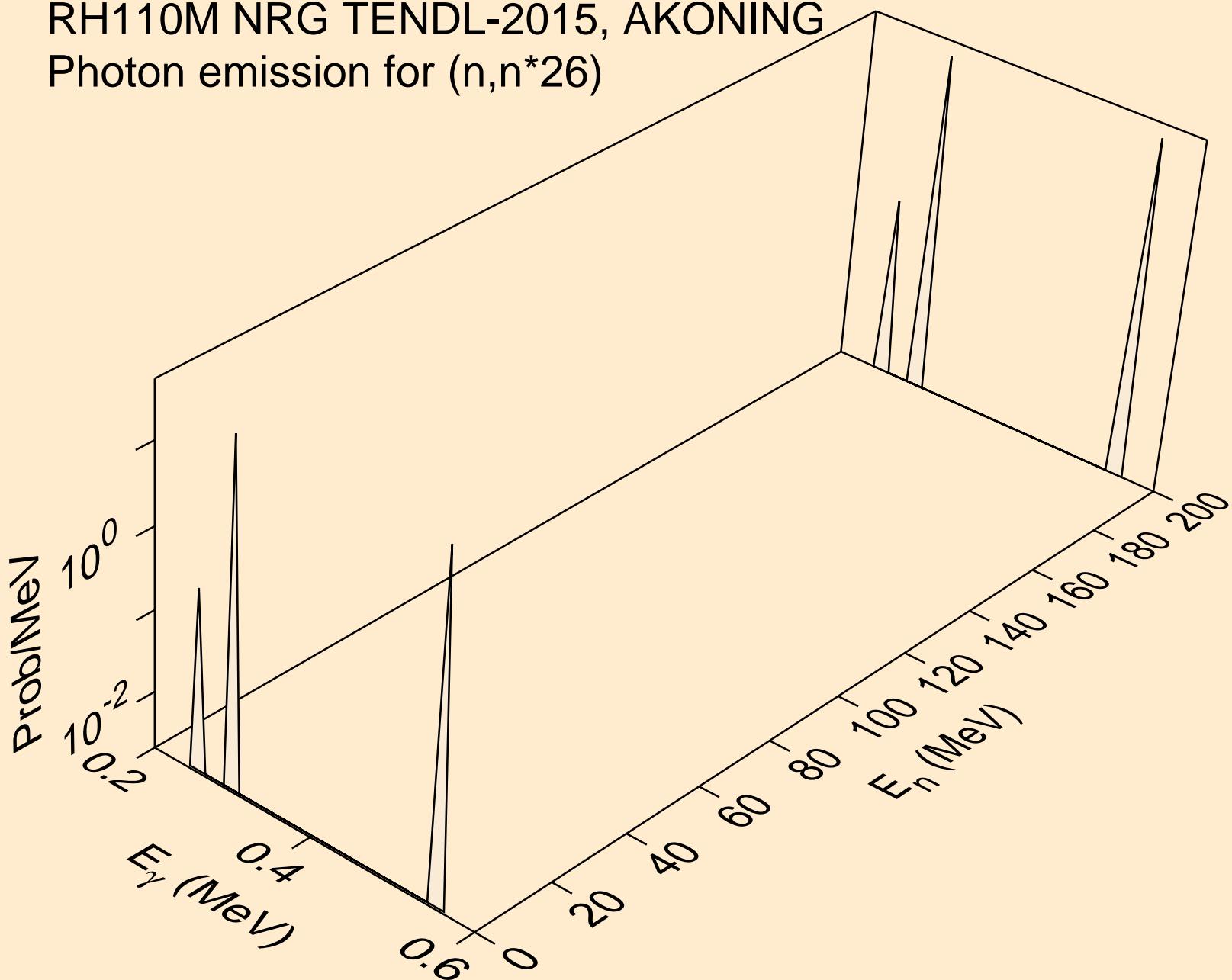
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Photon emission for (n,n\*24)



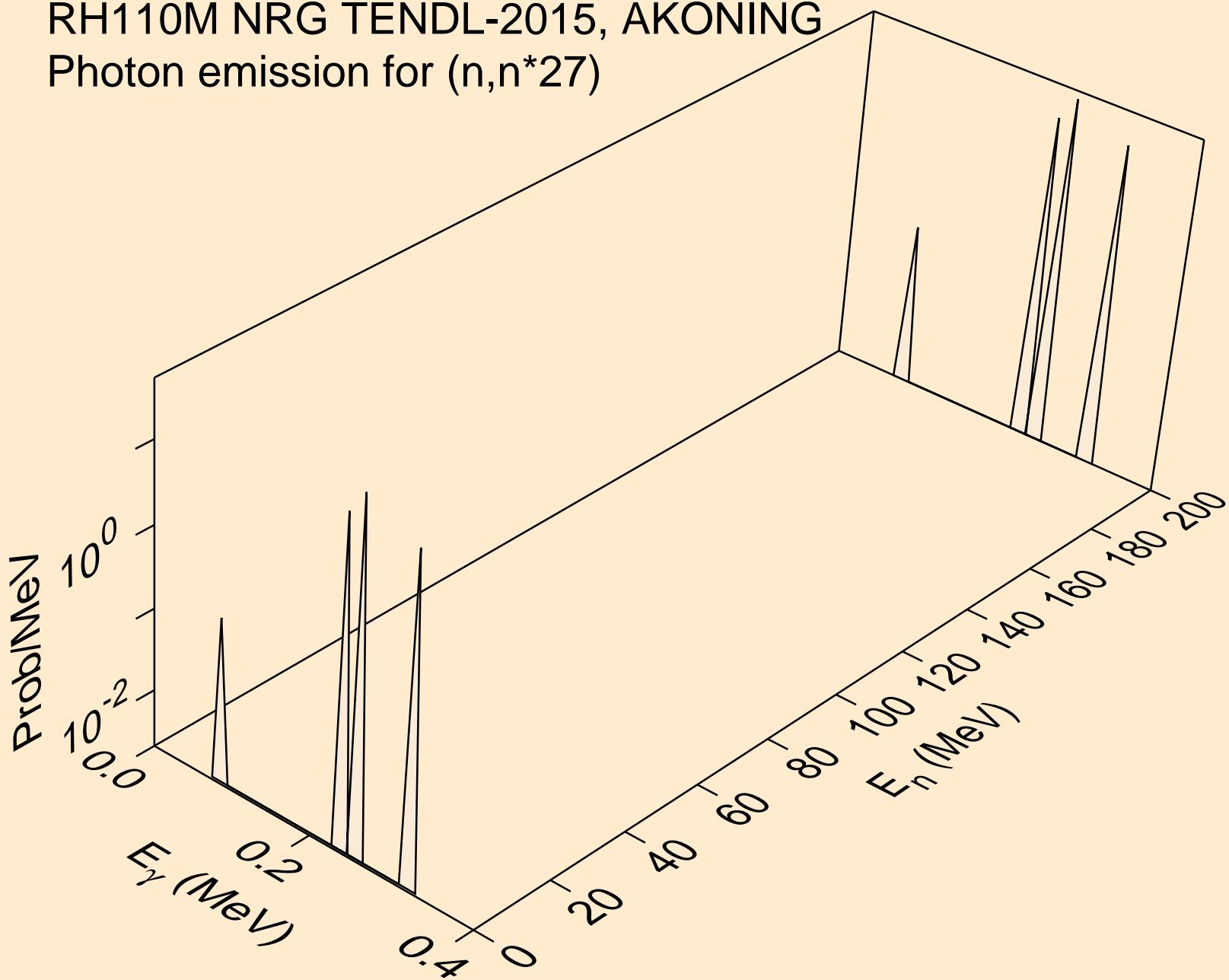
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Photon emission for (n,n\*25)



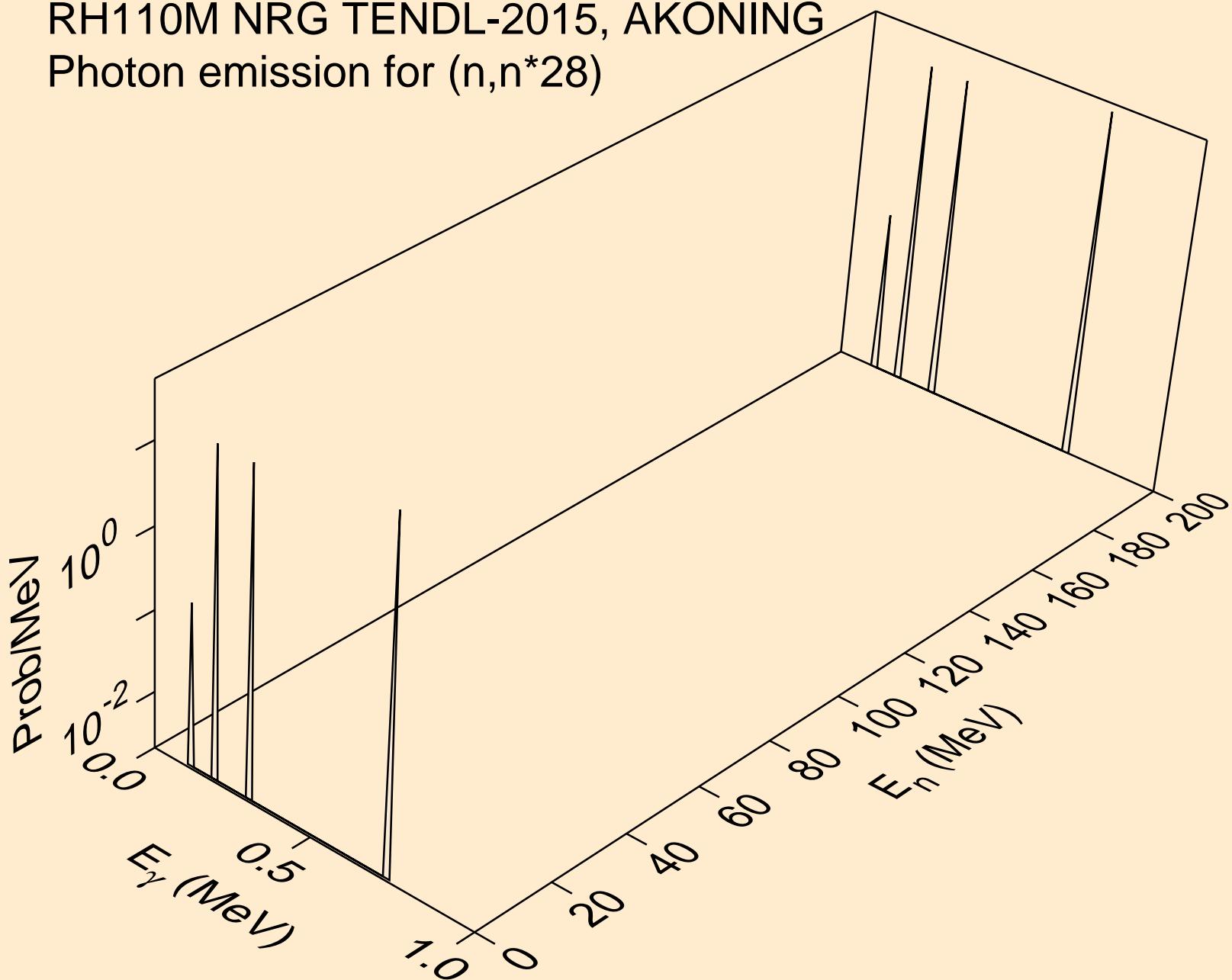
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Photon emission for ( $n, n^* 26$ )



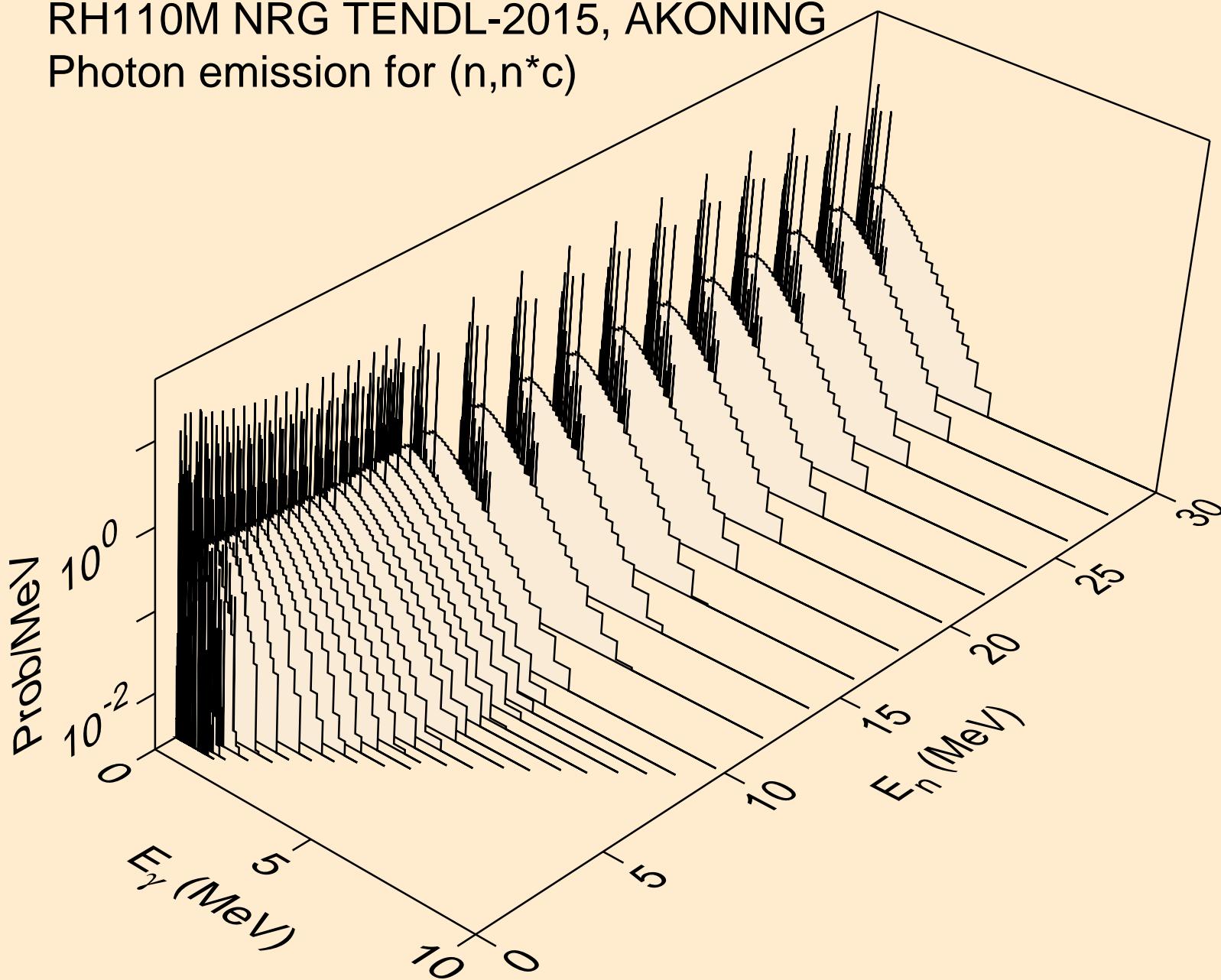
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Photon emission for (n,n\*27)



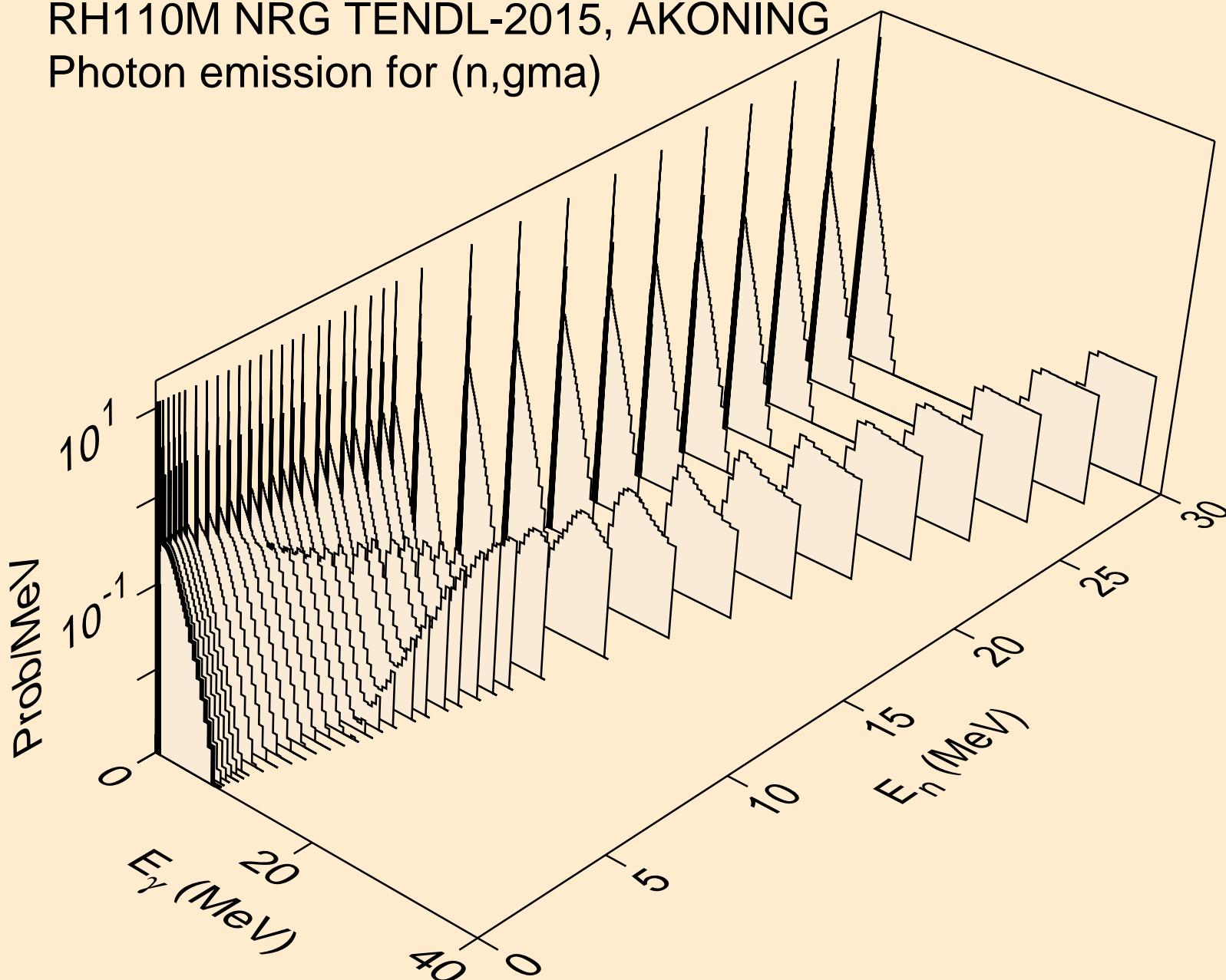
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Photon emission for (n,n\*28)



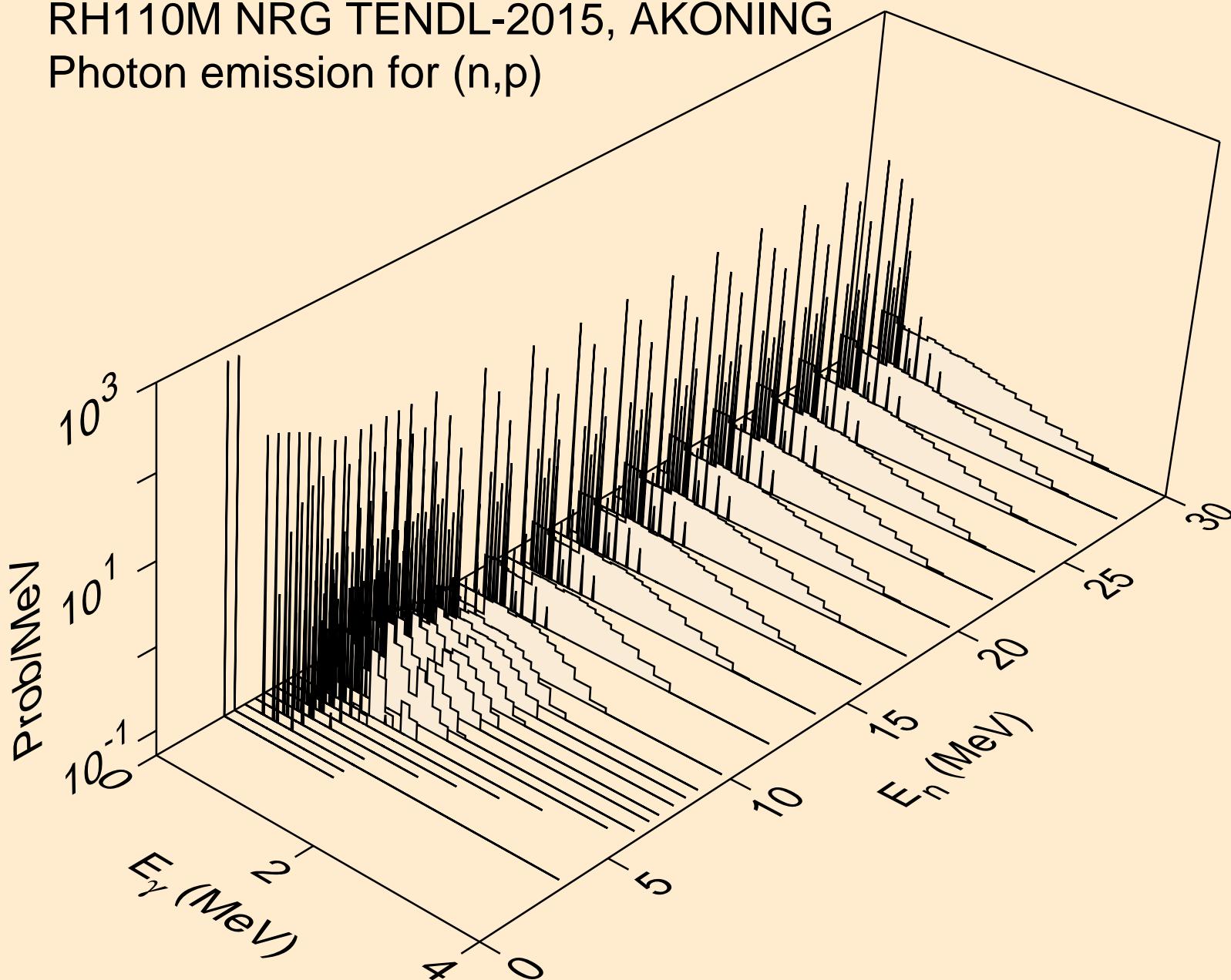
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Photon emission for (n,n\*c)



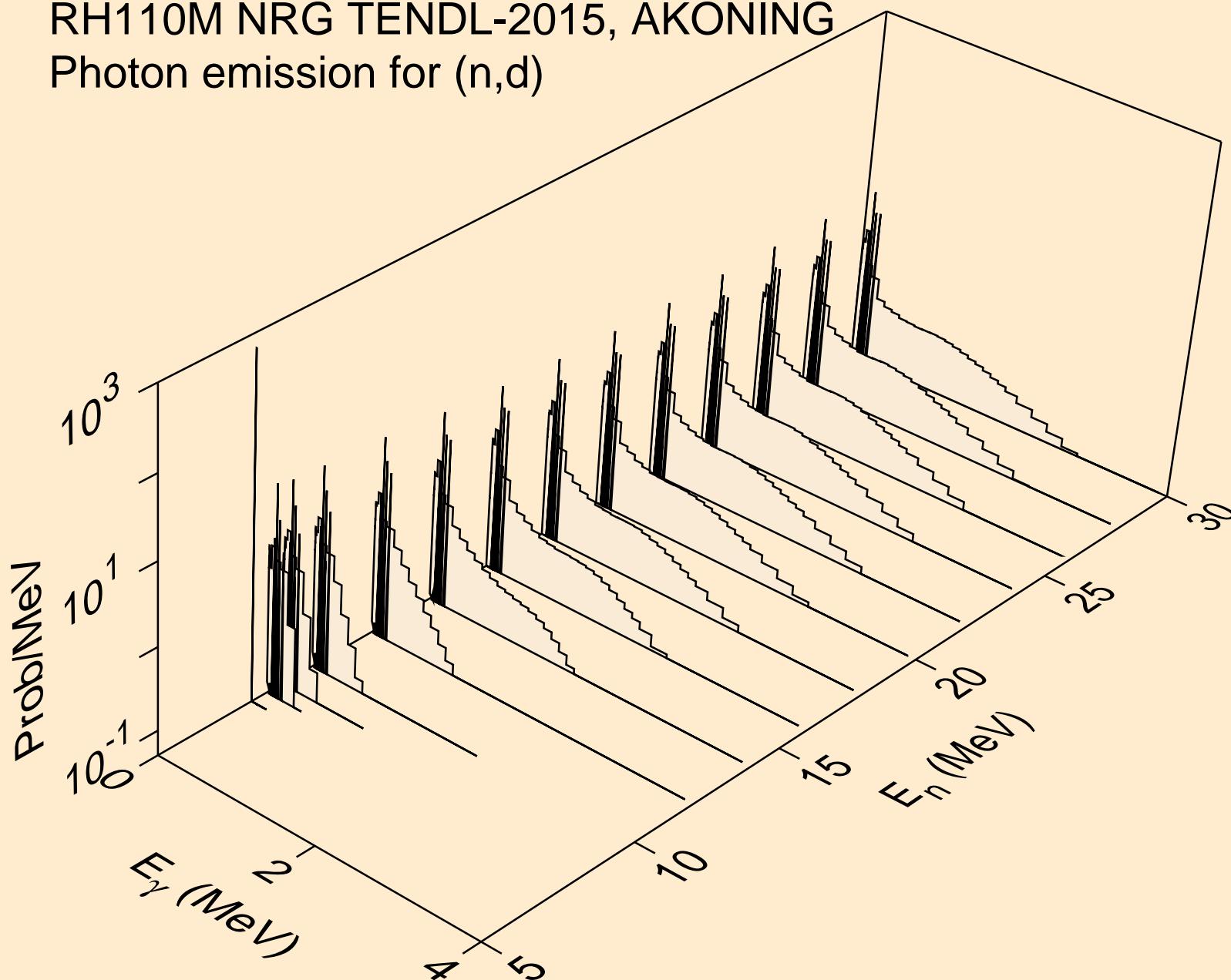
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Photon emission for (n,gma)



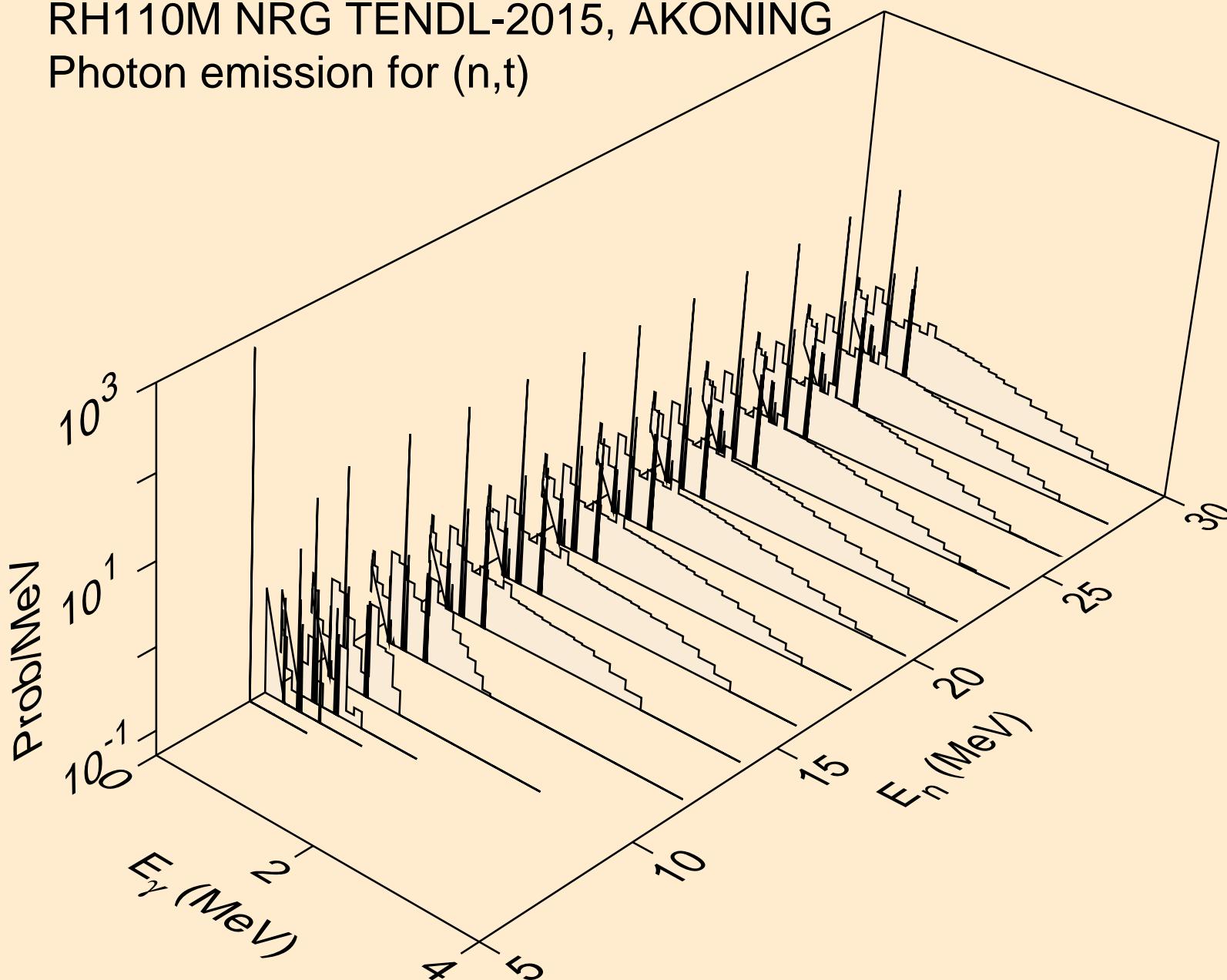
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Photon emission for (n,p)



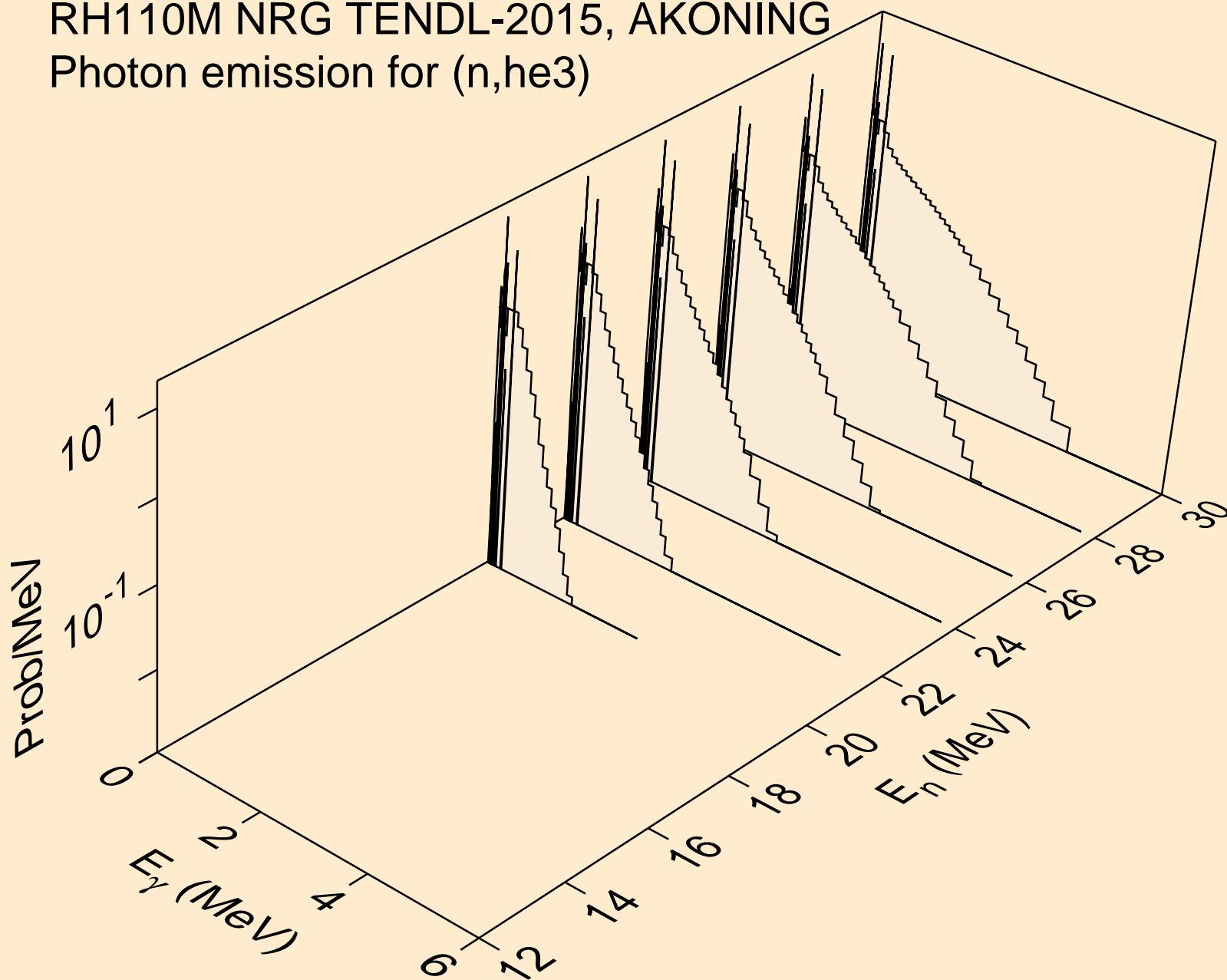
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Photon emission for (n,d)



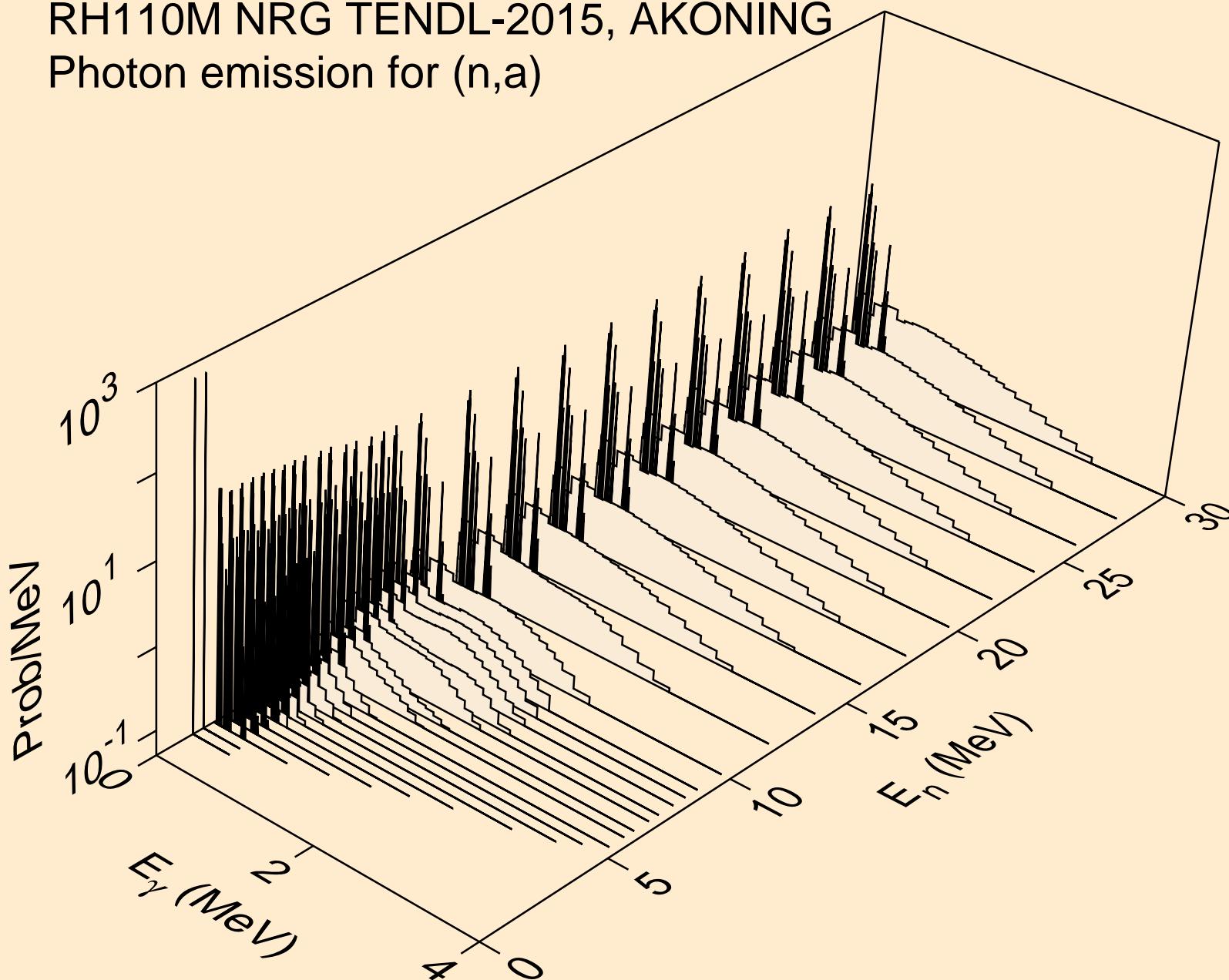
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Photon emission for (n,t)



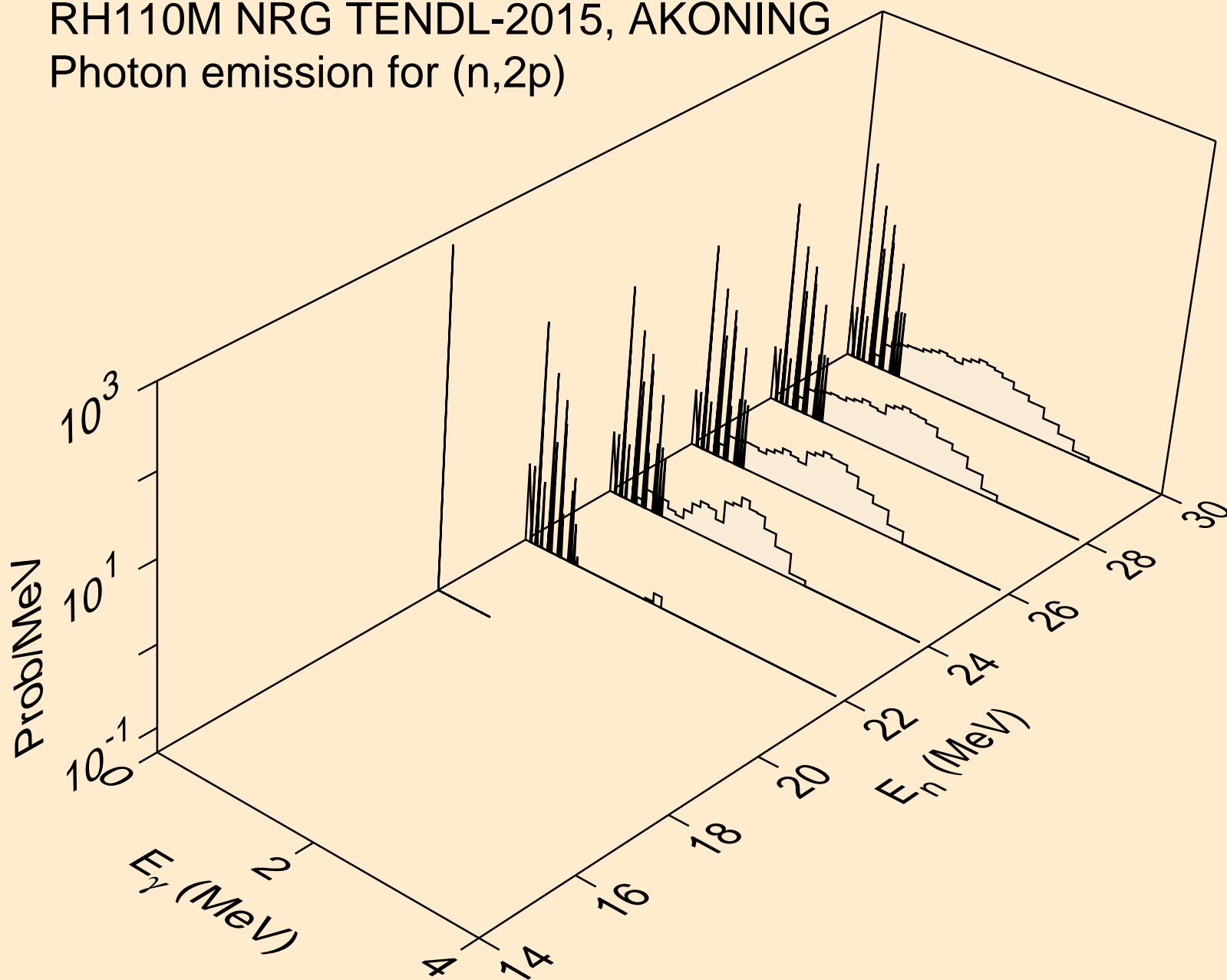
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Photon emission for (n,he3)



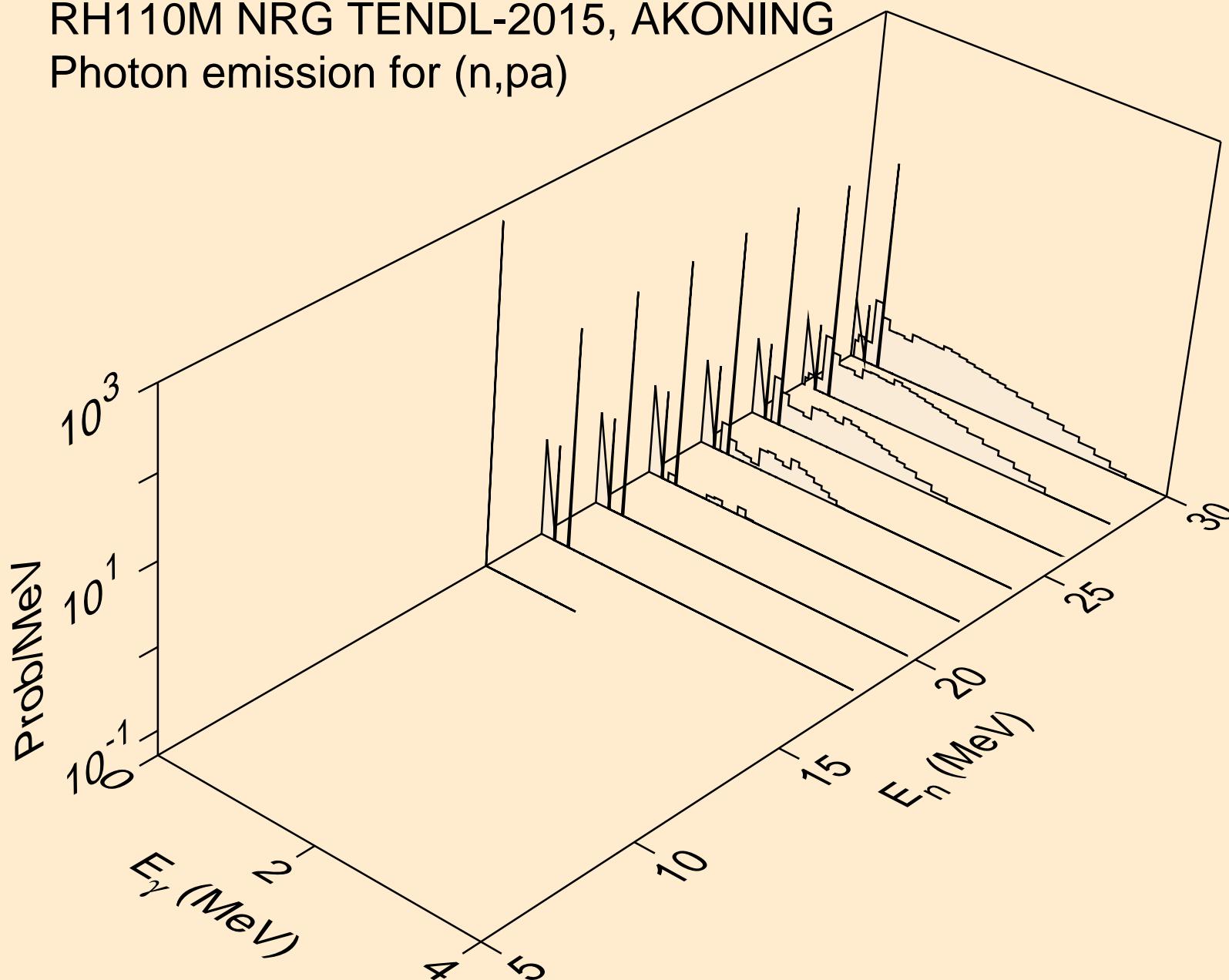
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Photon emission for (n,a)



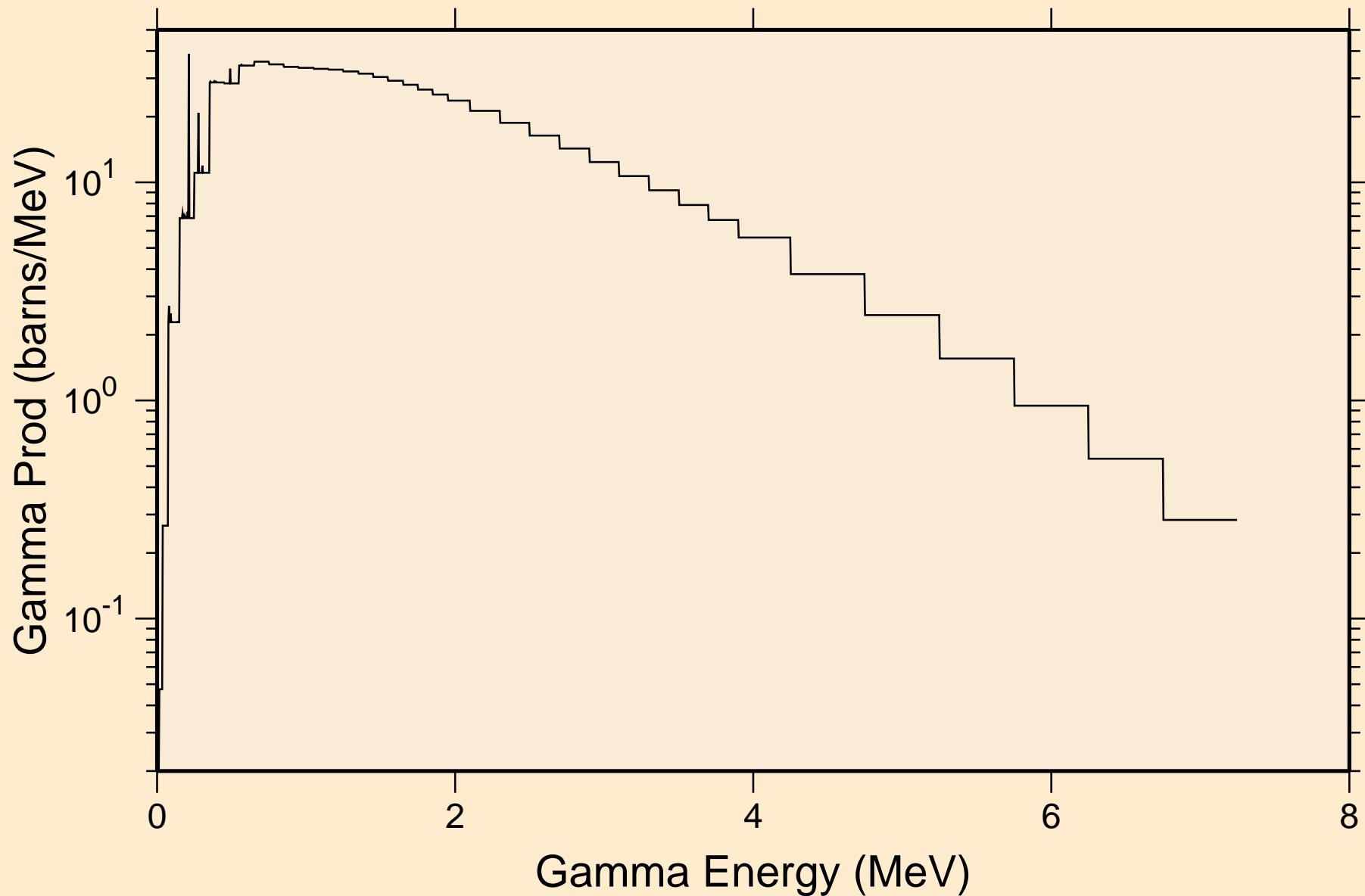
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Photon emission for (n,2p)



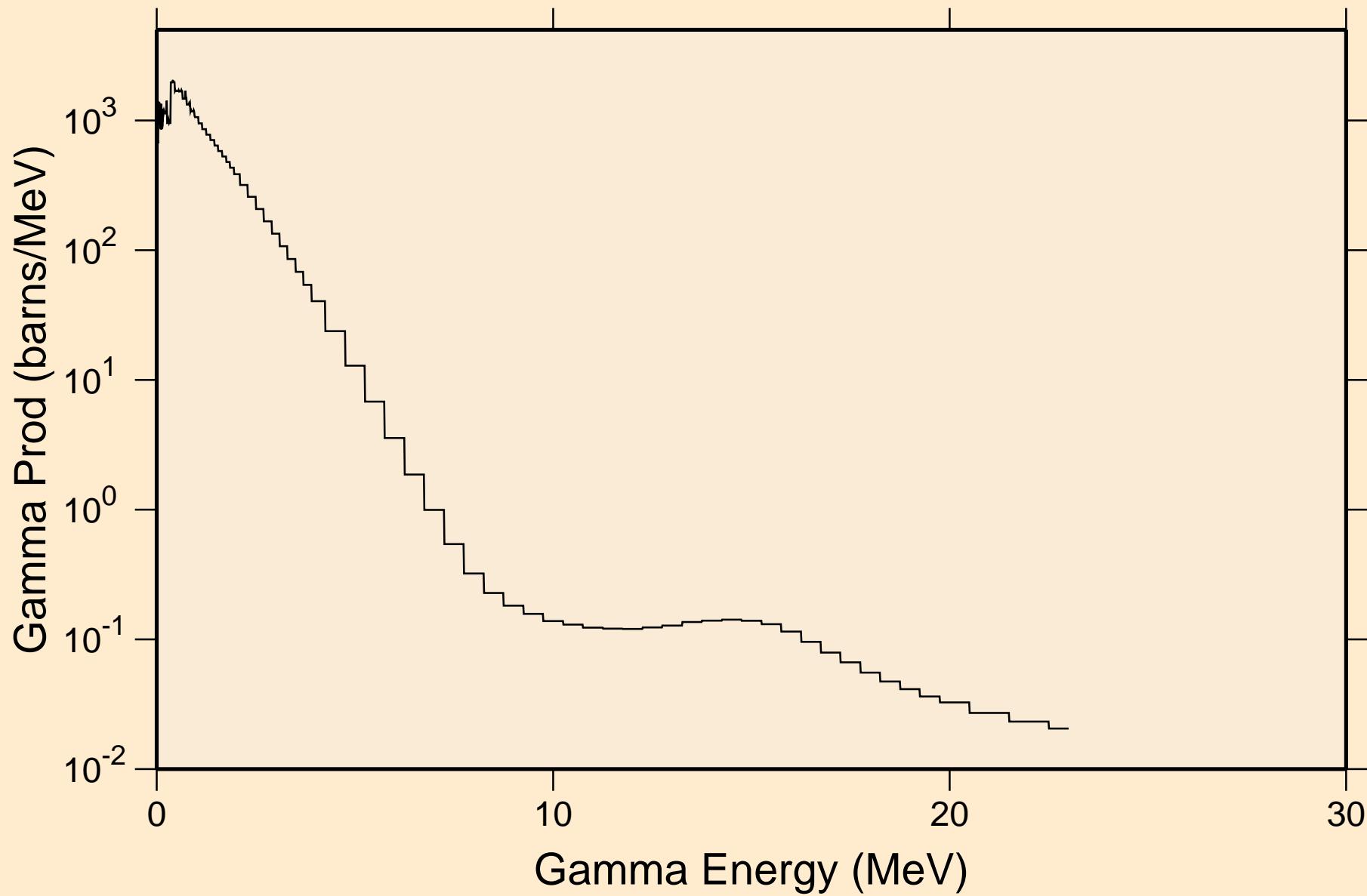
RH110M NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



RH110M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

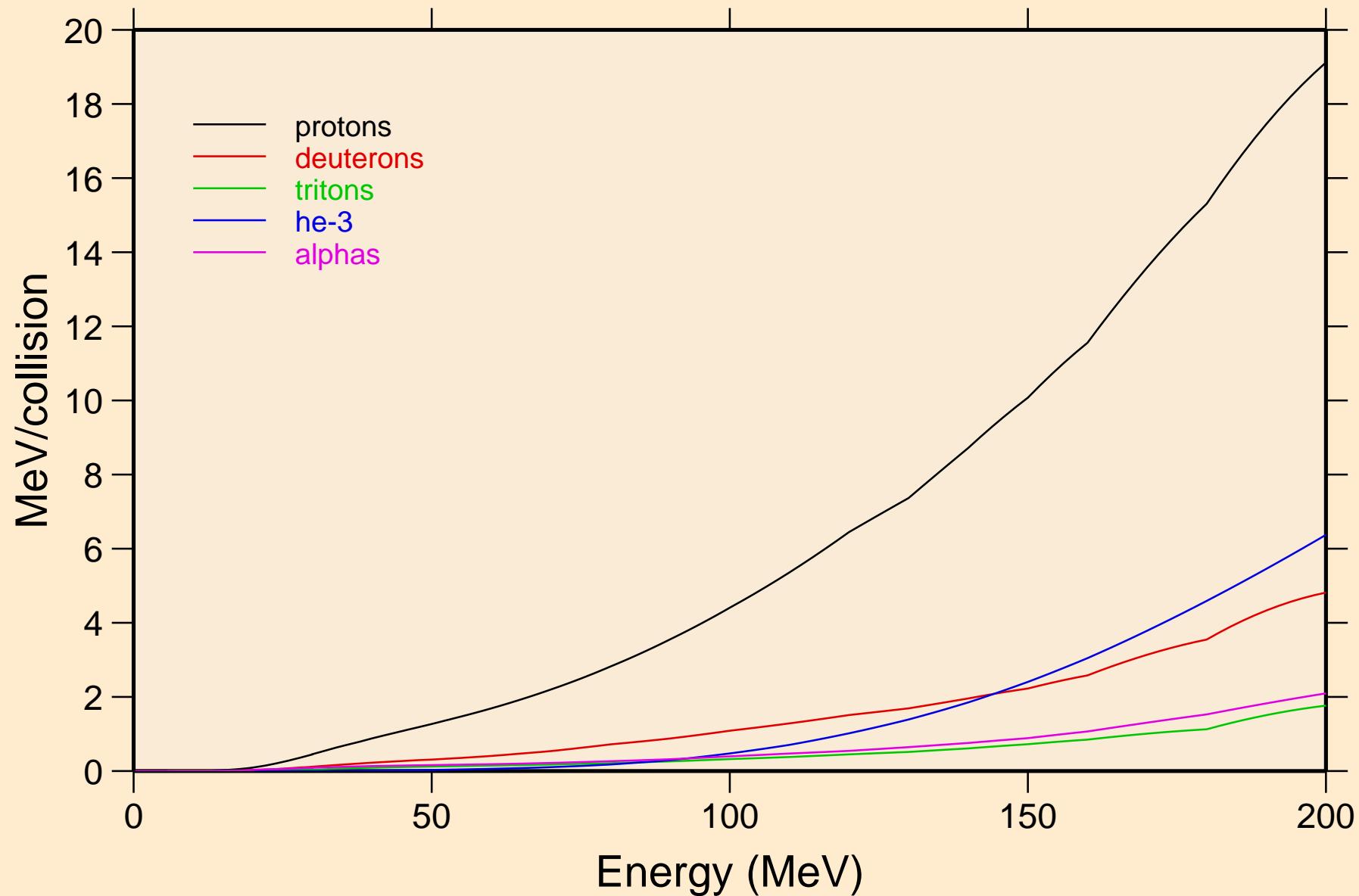


RH110M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



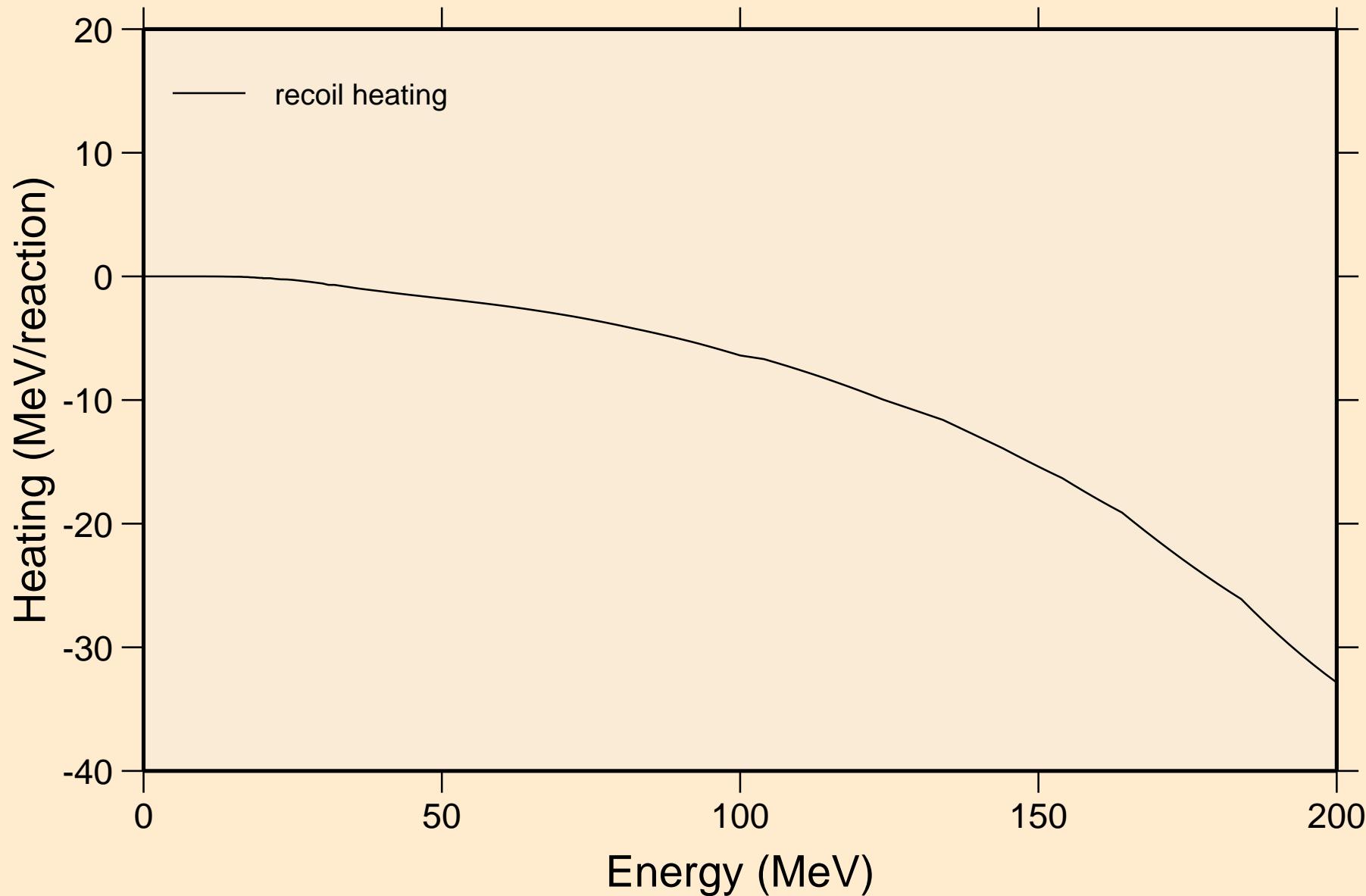
# RH110M NRG TENDL-2015, AKONING

## Particle heating contributions

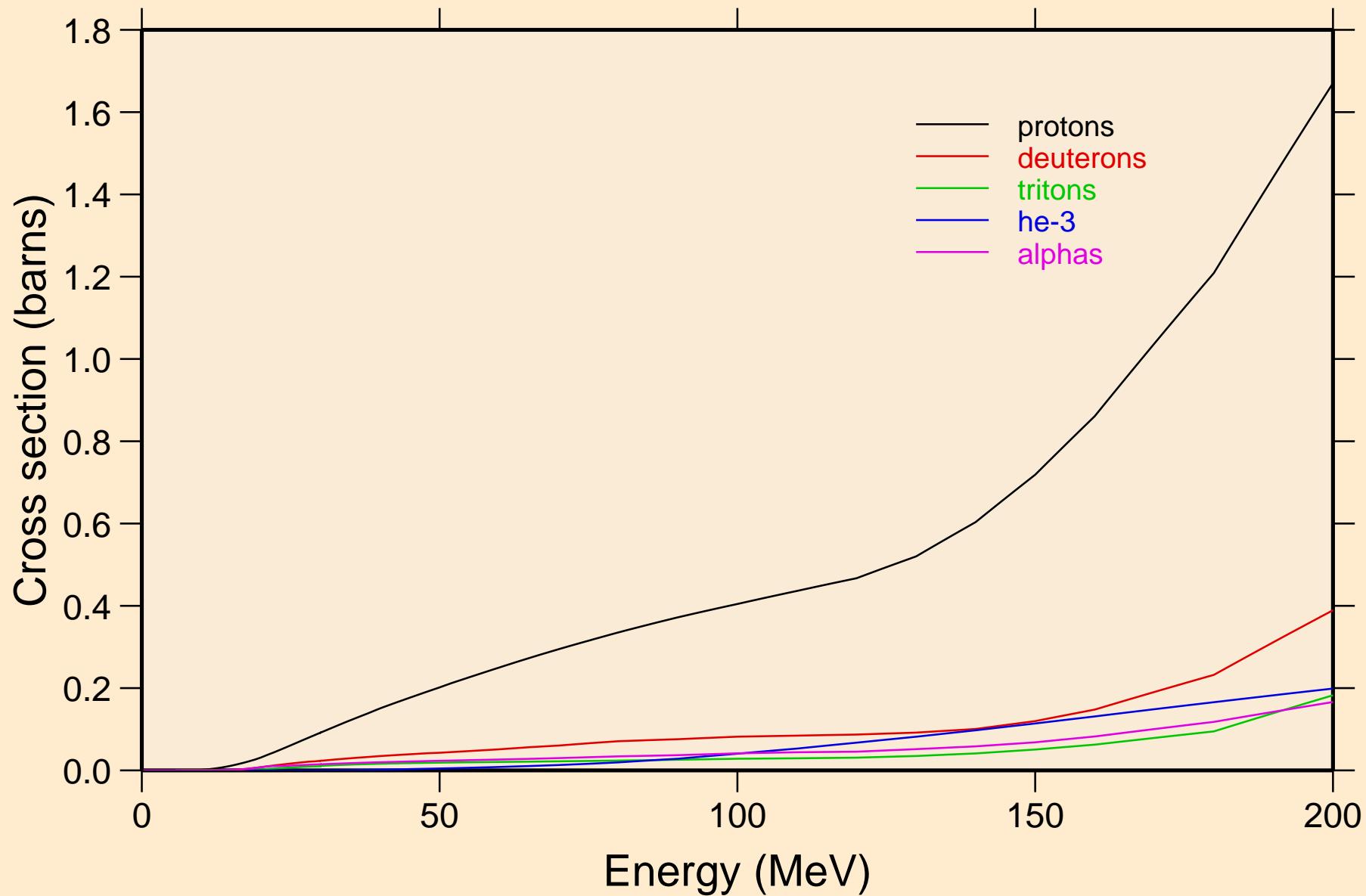


# RH110M NRG TENDL-2015, AKONING

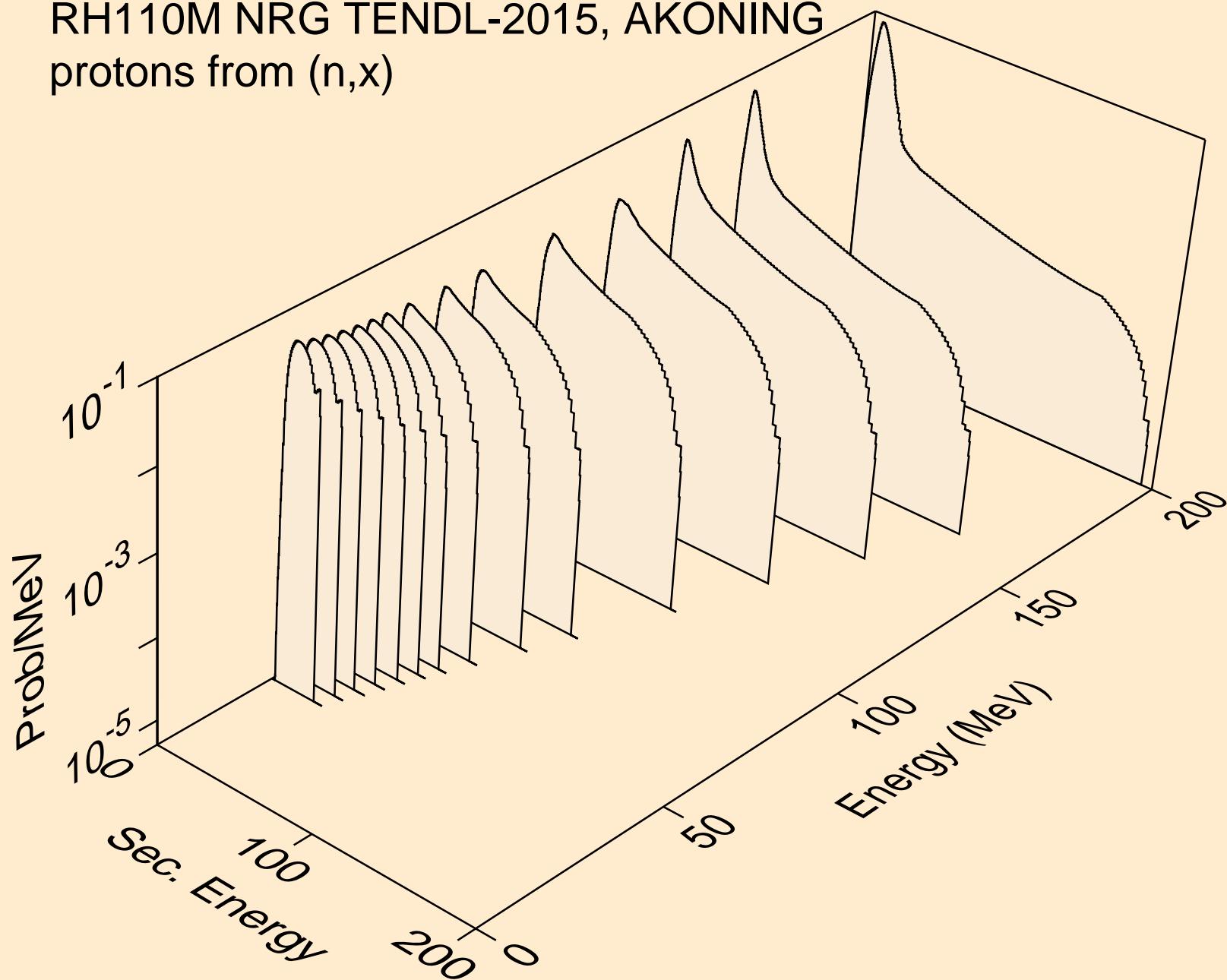
## Recoil Heating



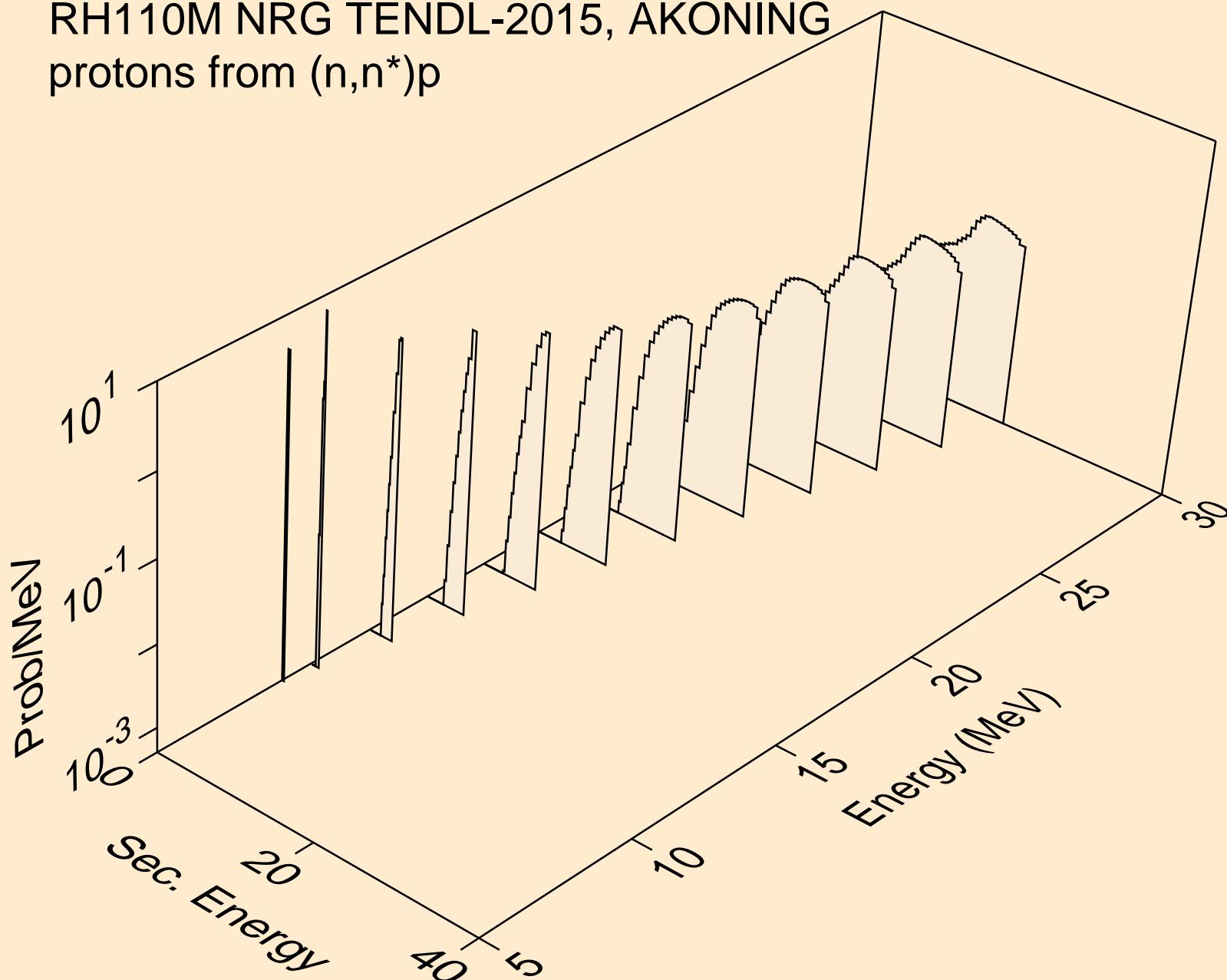
RH110M NRG TENDL-2015, AKONING  
Particle production cross sections



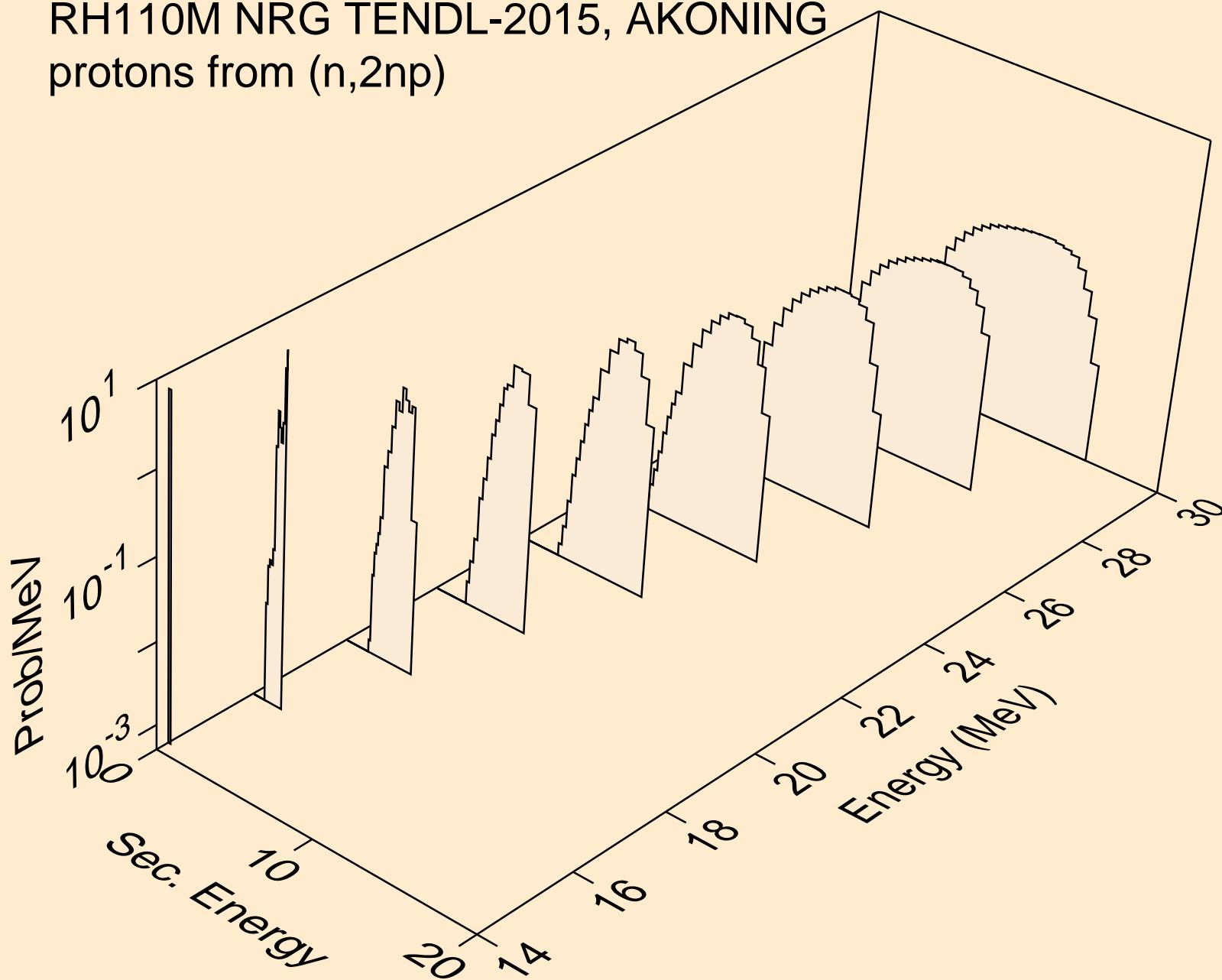
RH110M NRG TENDL-2015, AKONING  
protons from ( $n,x$ )



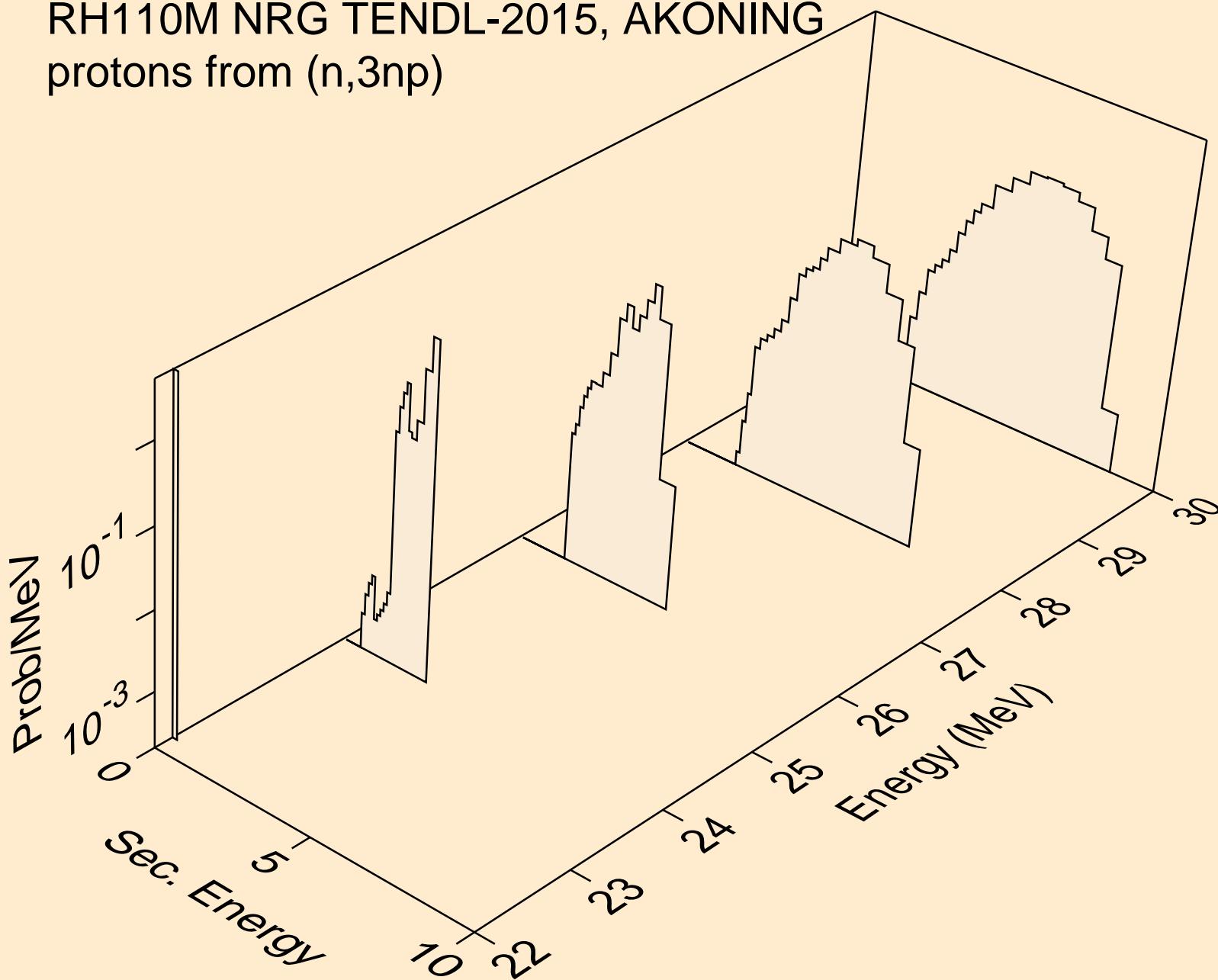
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protons from  $(n,n^*)p$



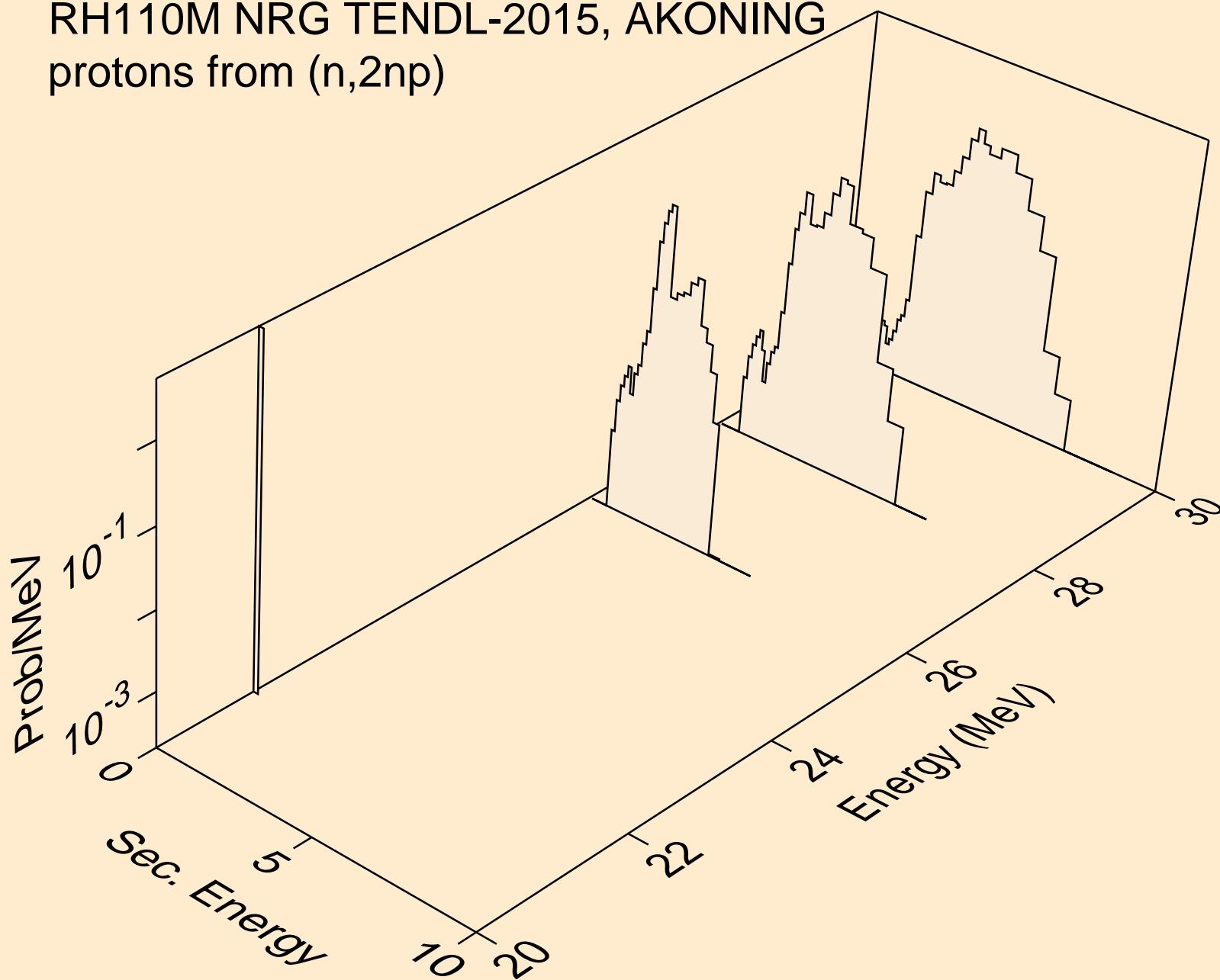
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protons from ( $n,2np$ )



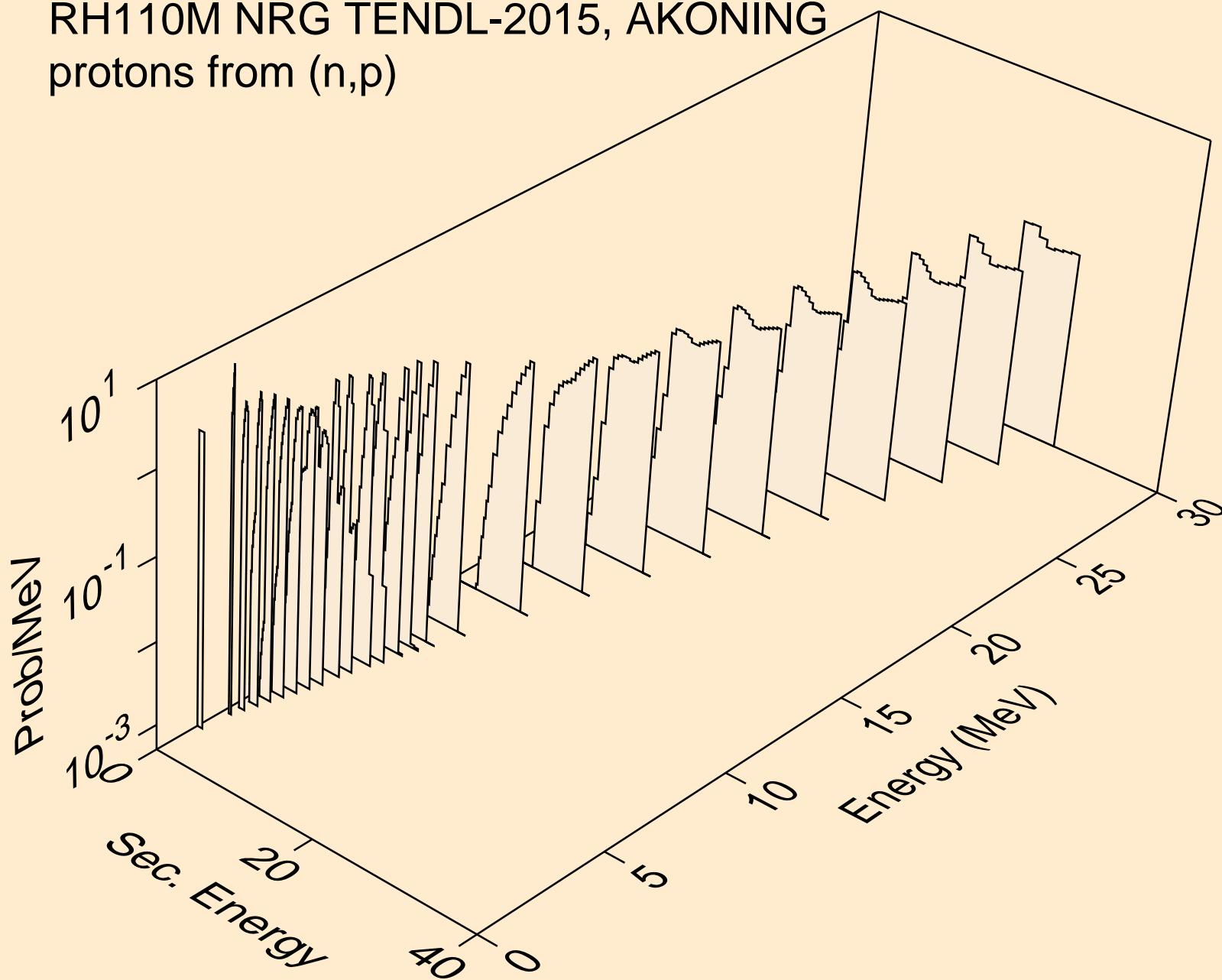
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protons from ( $n,3np$ )



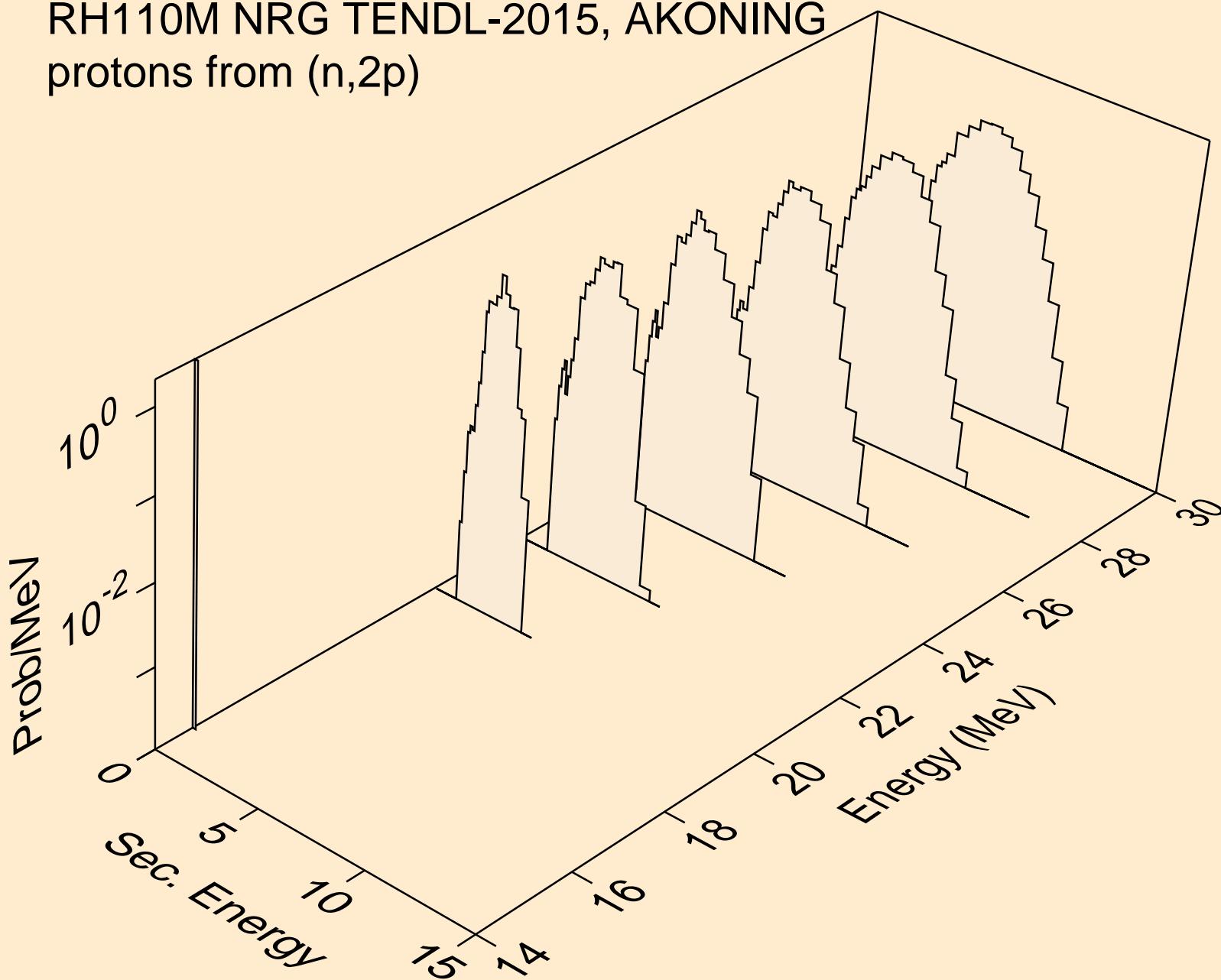
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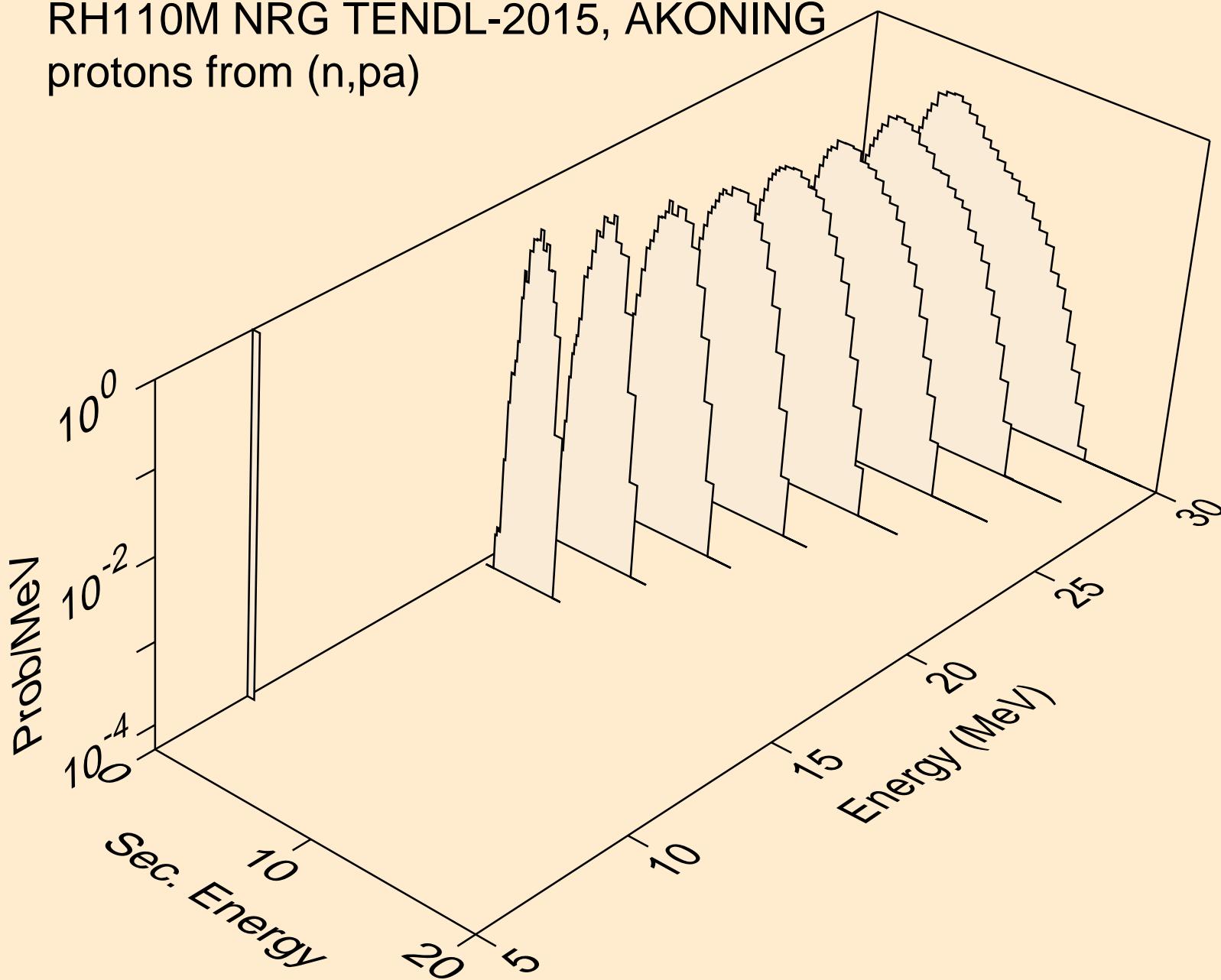
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protons from (n,p)



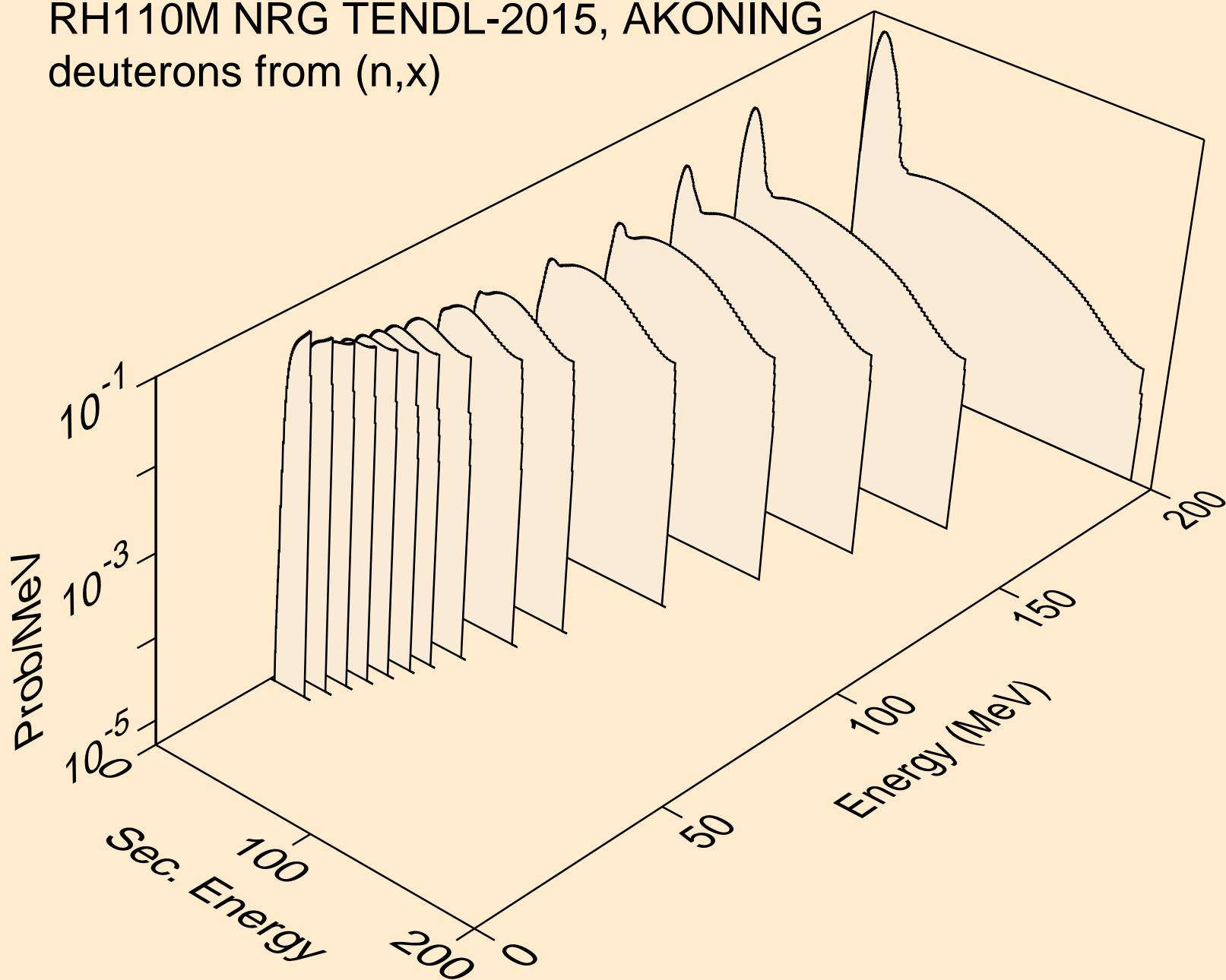
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protons from ( $n,2p$ )



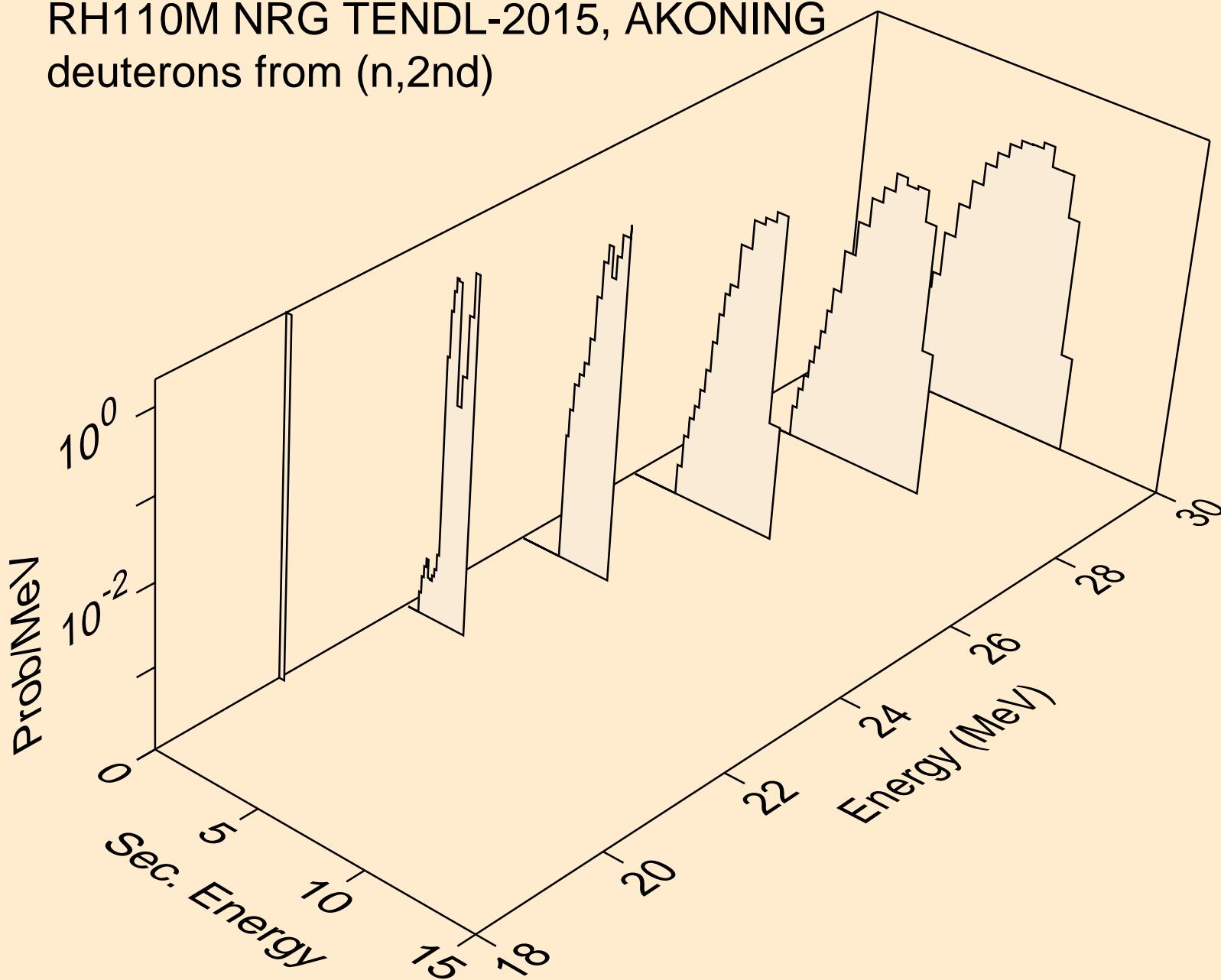
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protons from (n,pa)



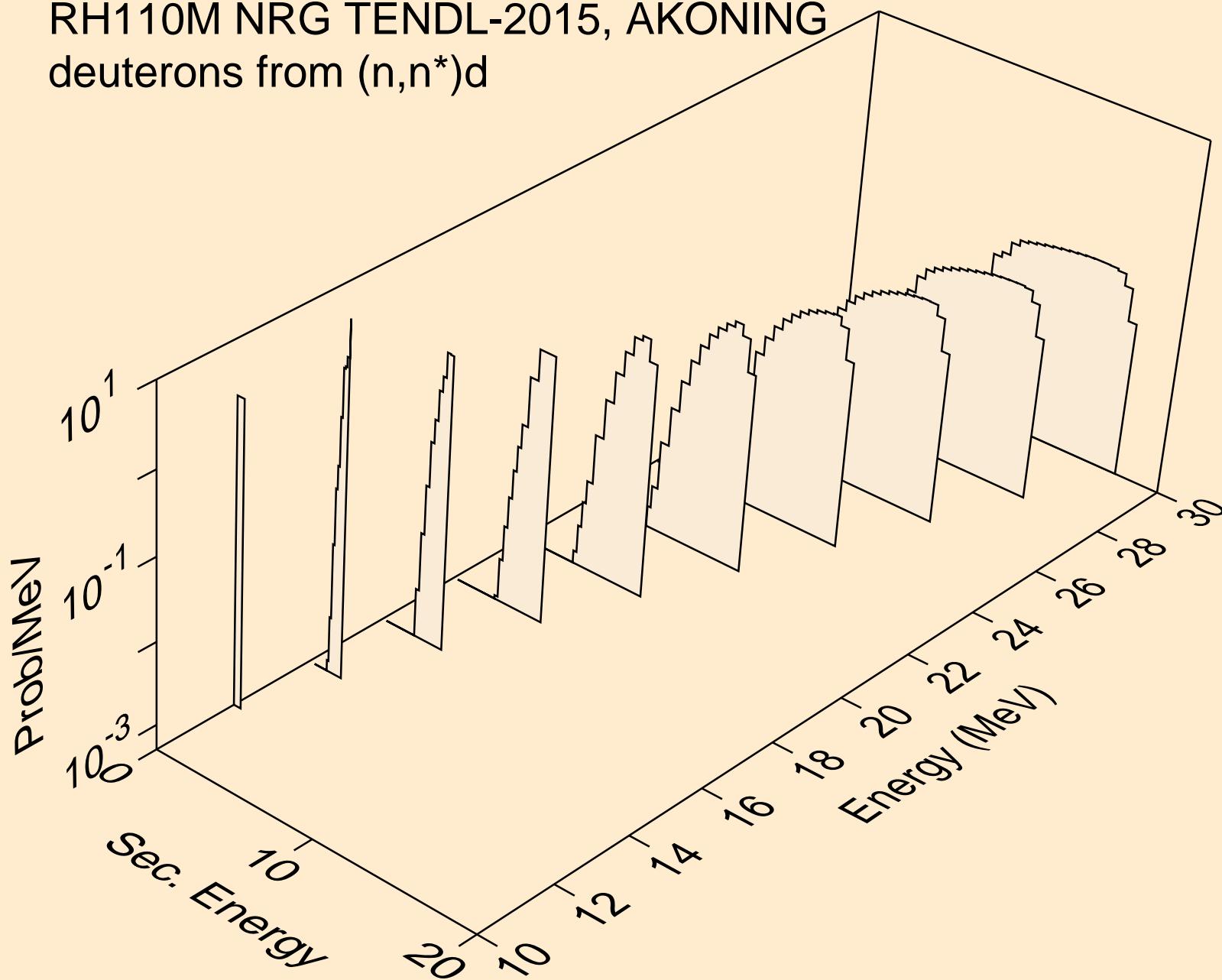
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deuterons from ( $n, x$ )



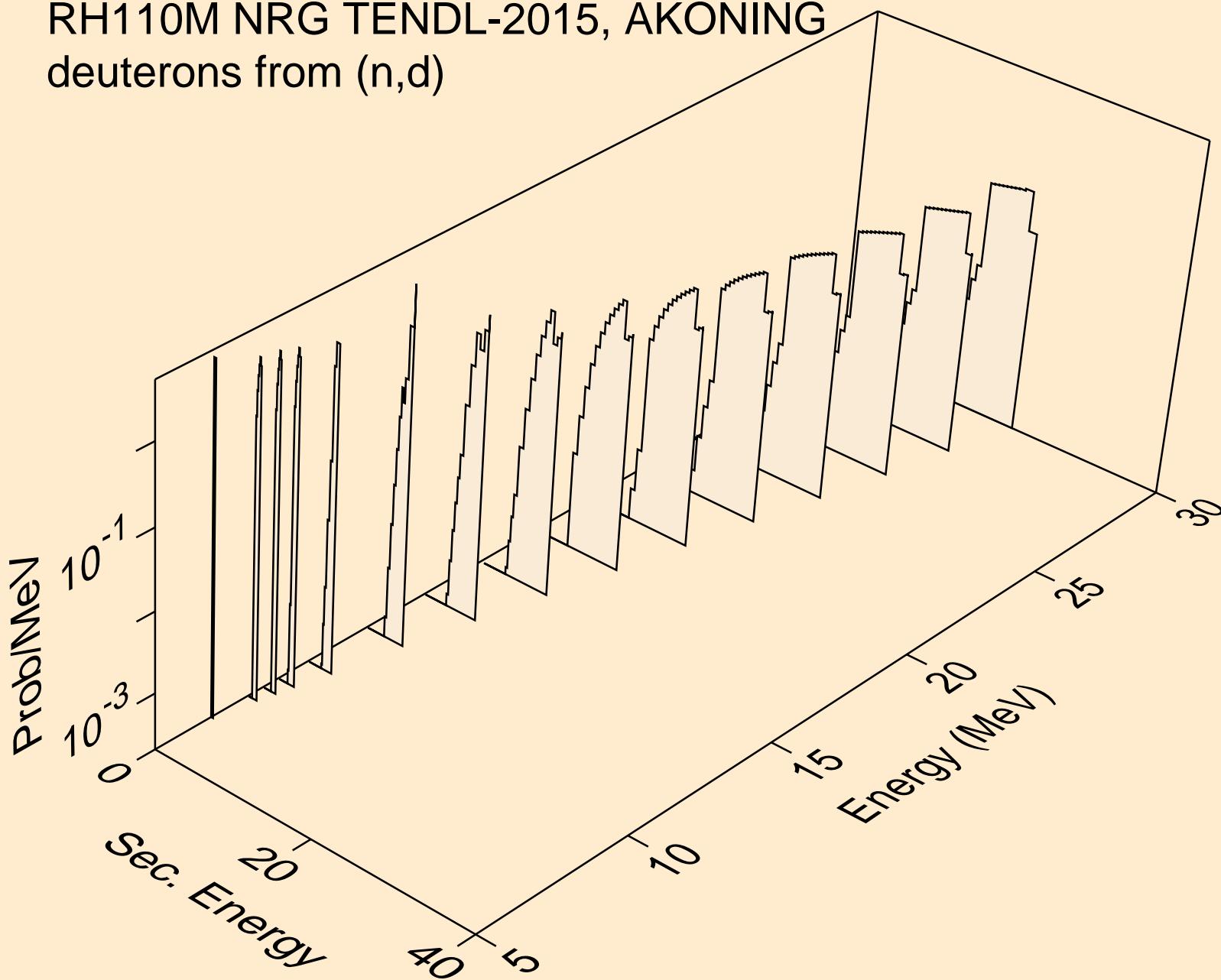
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deuterons from ( $n,2nd$ )



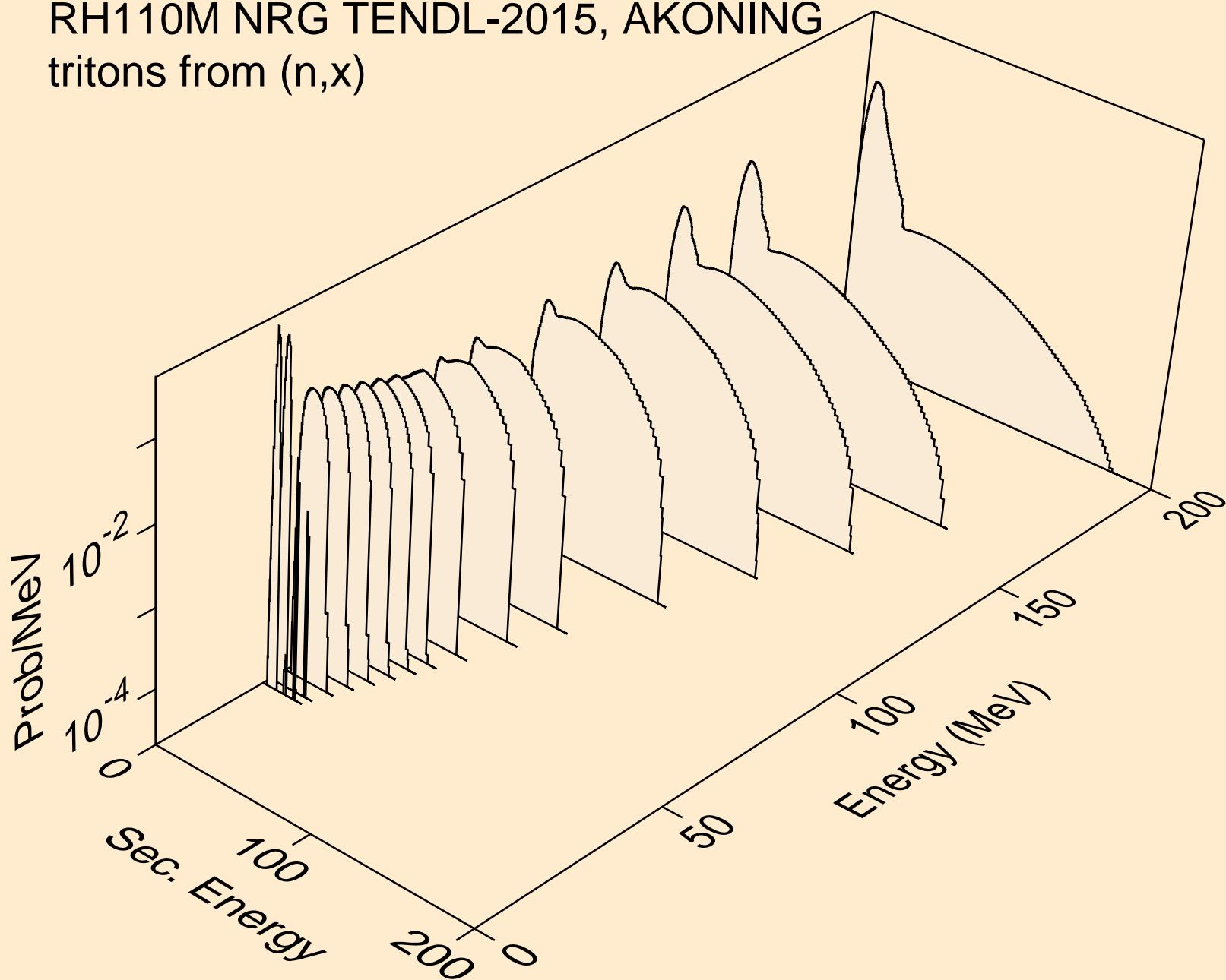
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deuterons from  $(n,n^*)d$



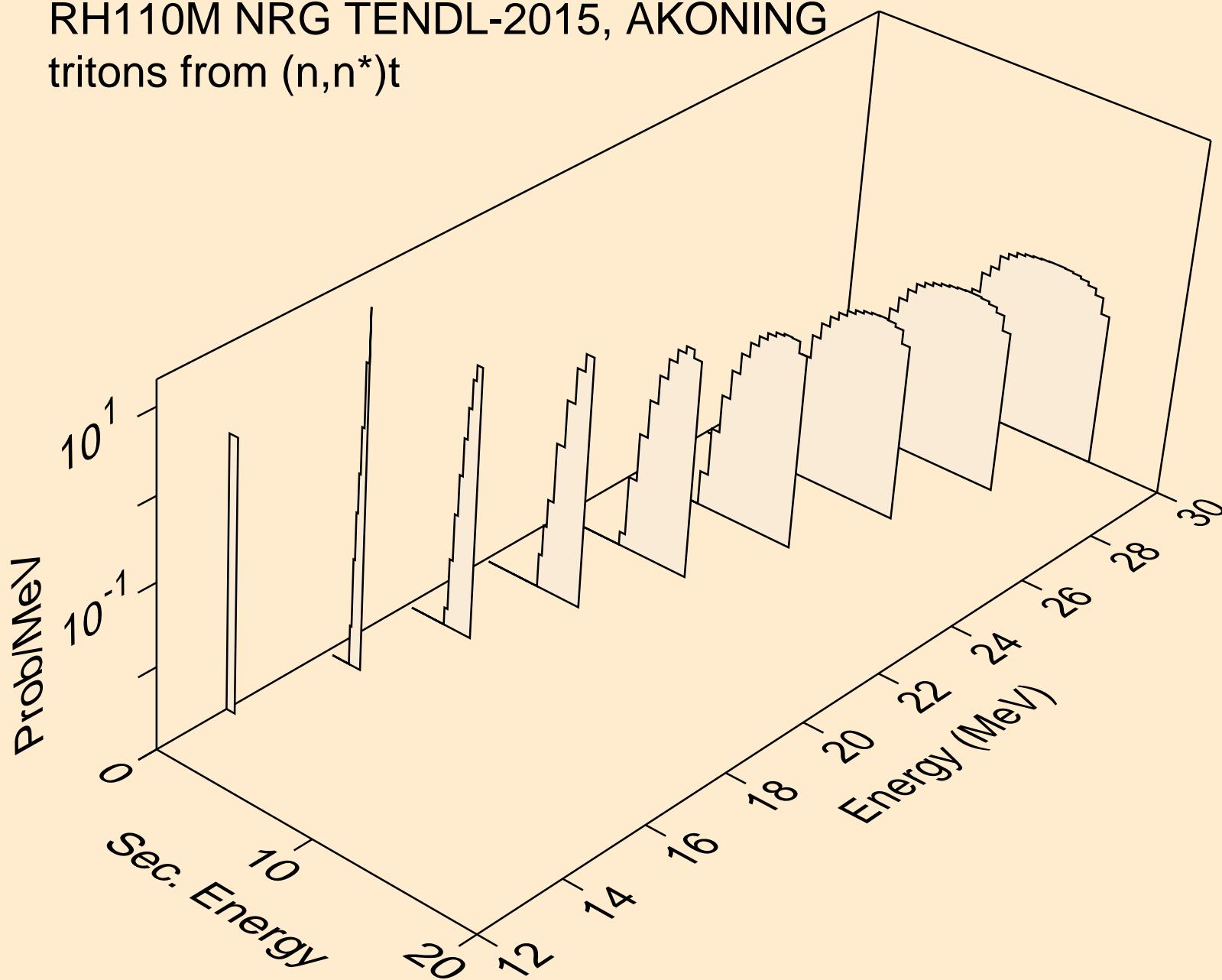
RH110M NRG TENDL-2015, AKONING  
deuterons from ( $n, d$ )



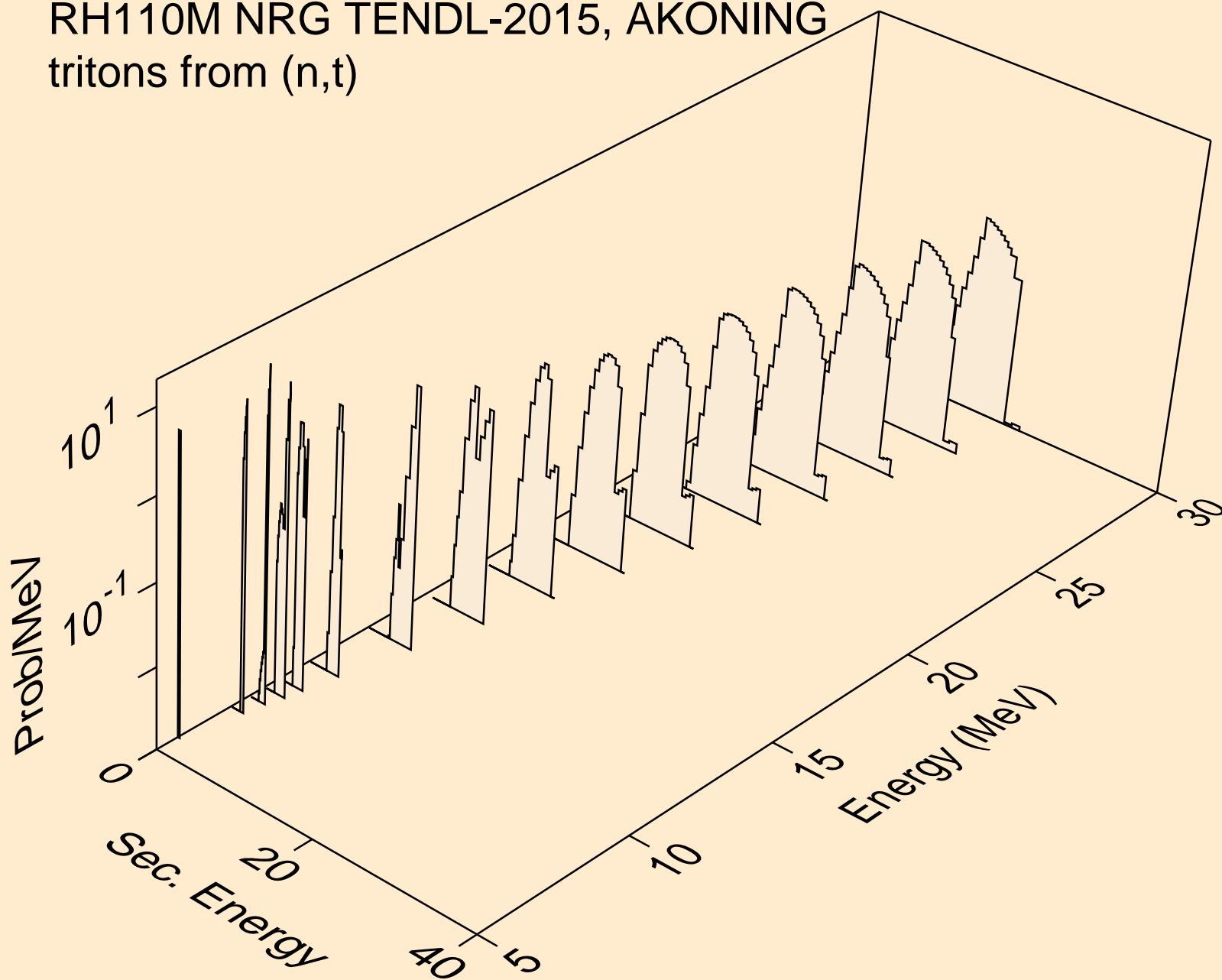
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tritons from (n,x)



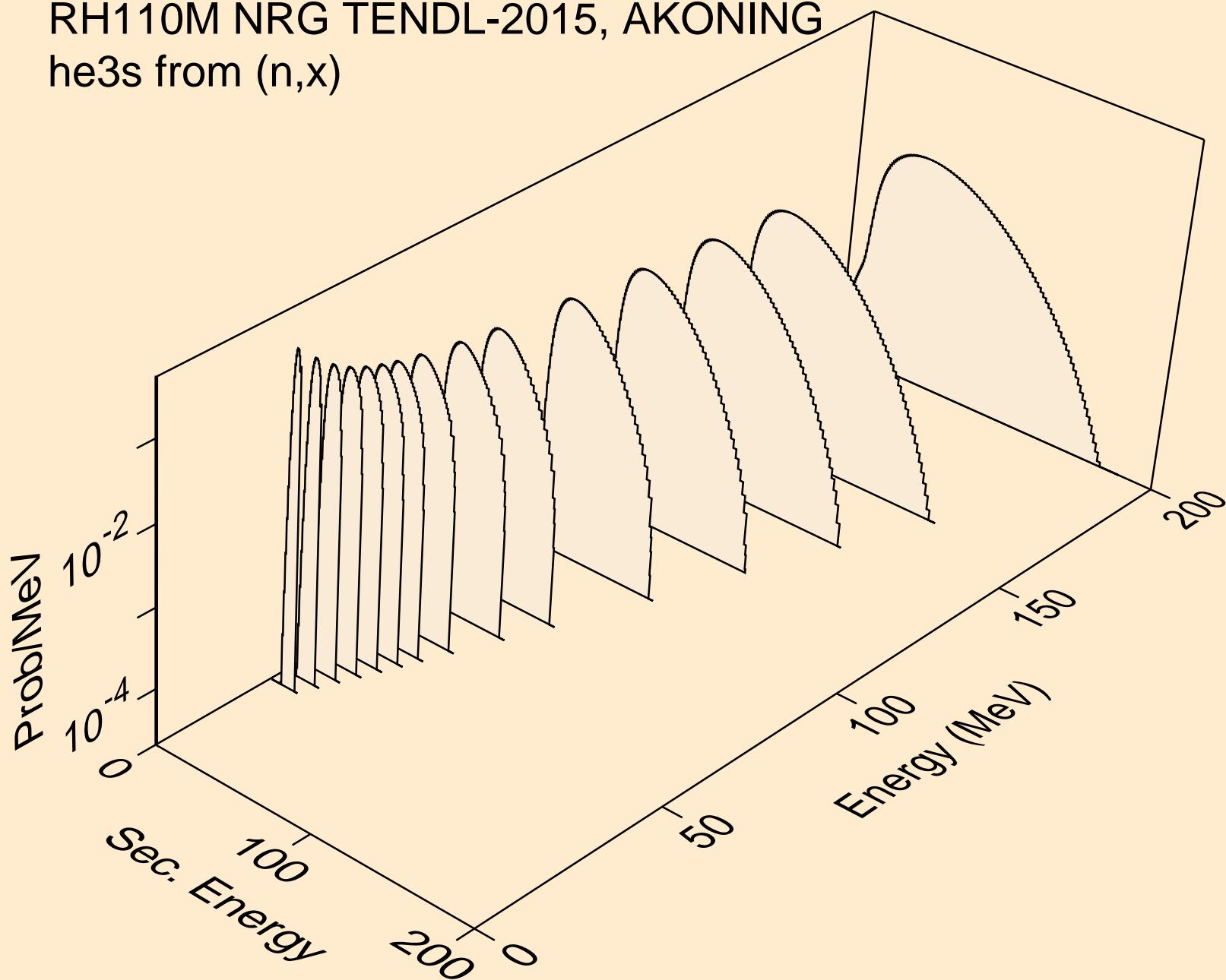
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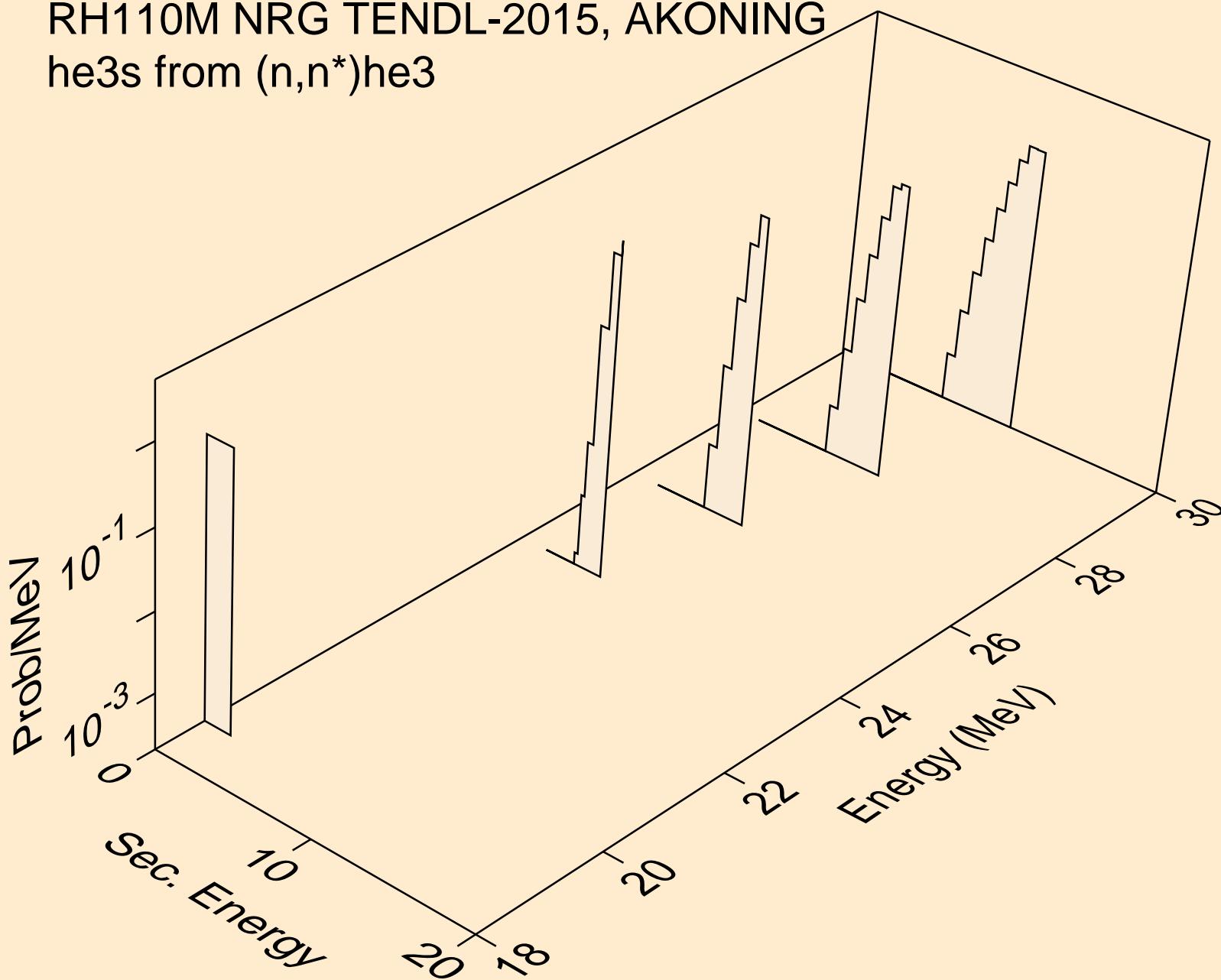
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tritons from (n,t)



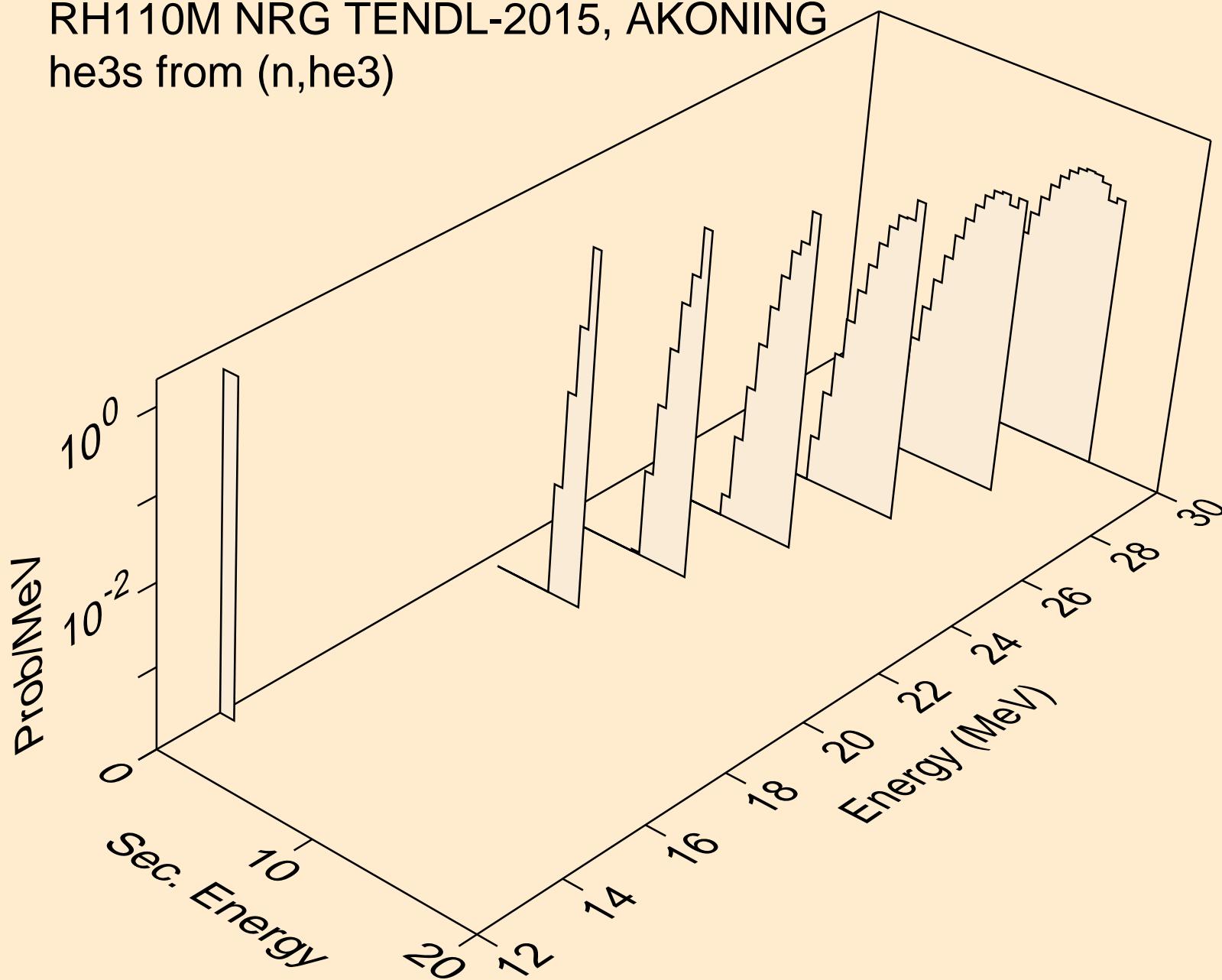
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he3s from (n,x)



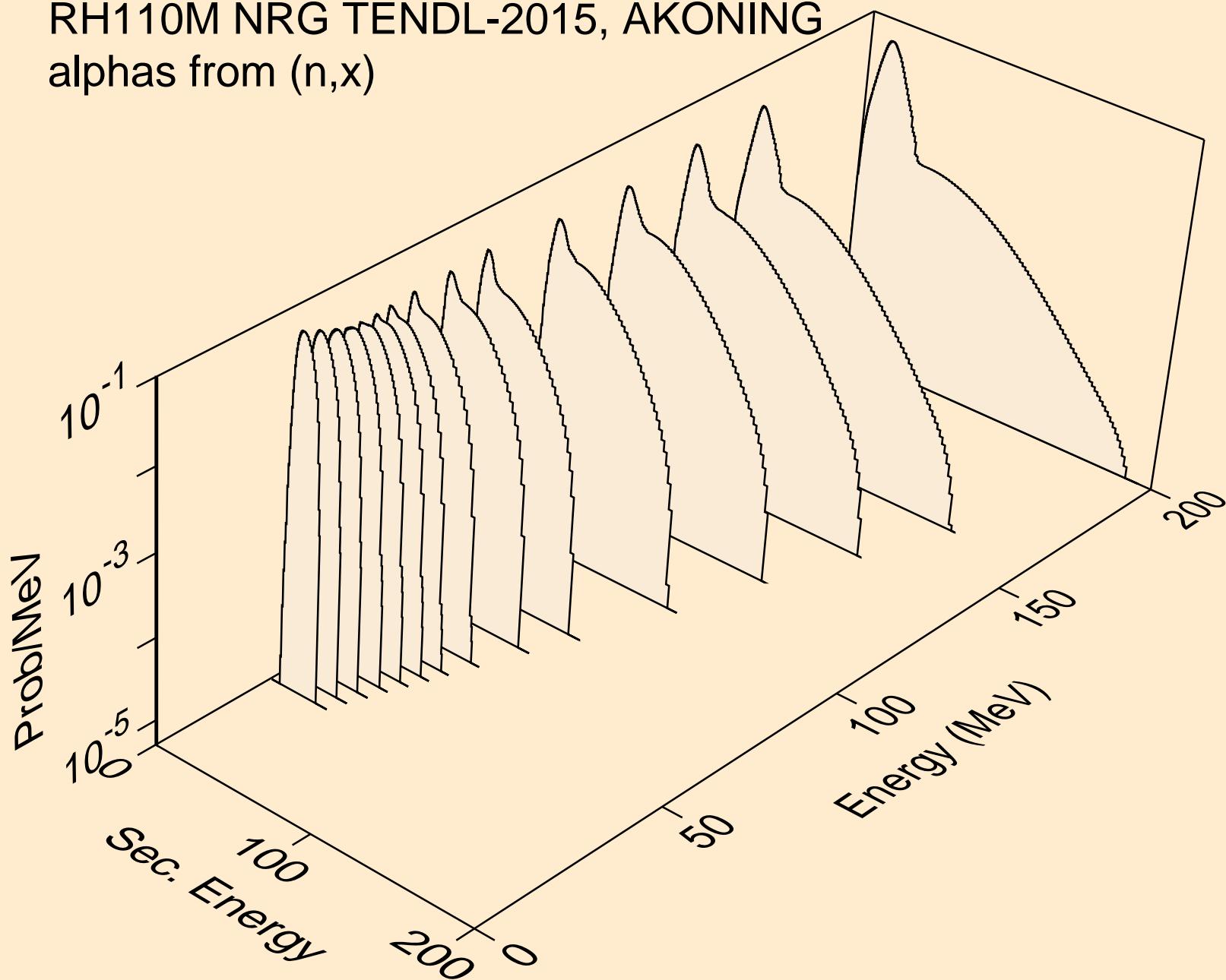
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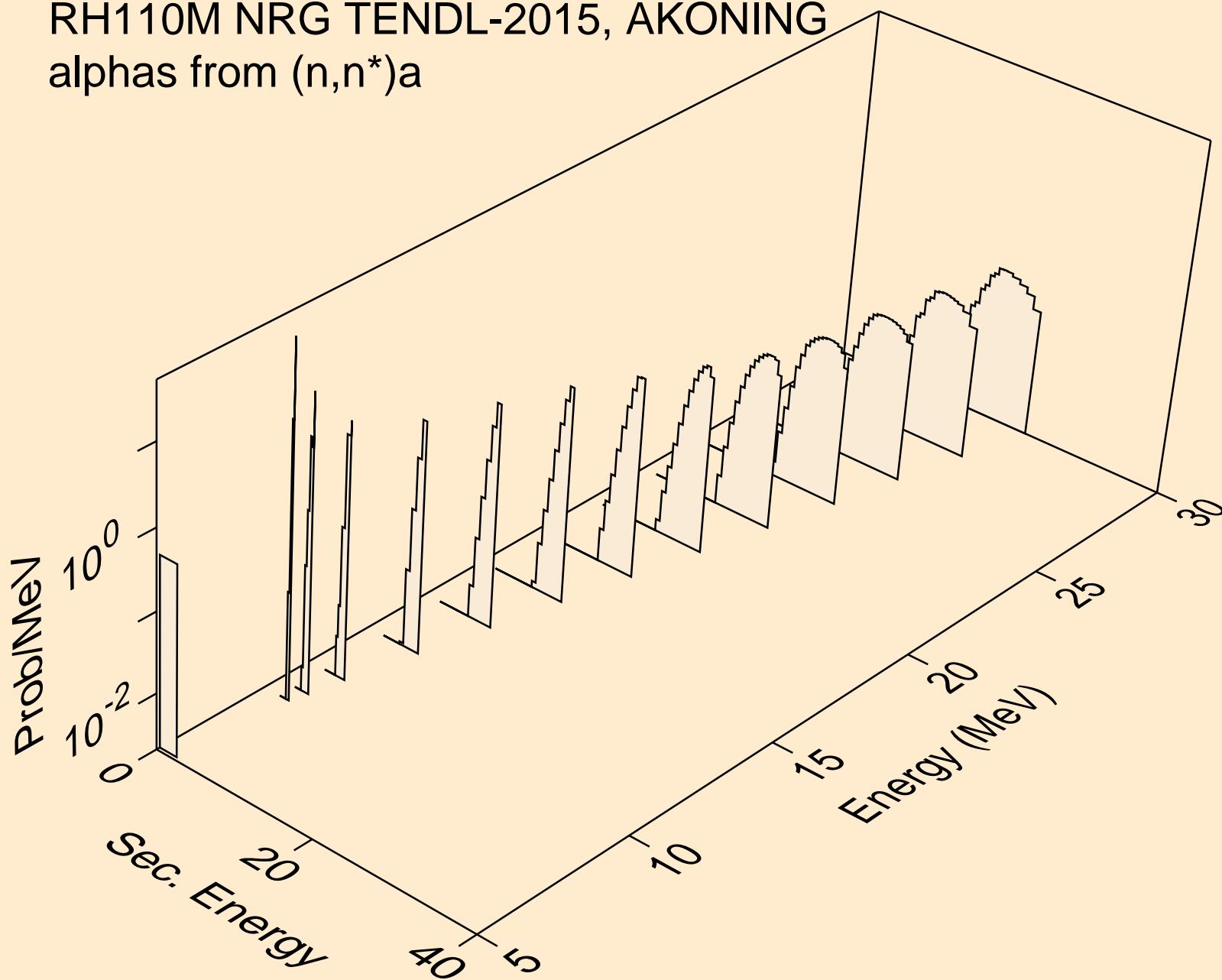
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he3s from (n,he3)



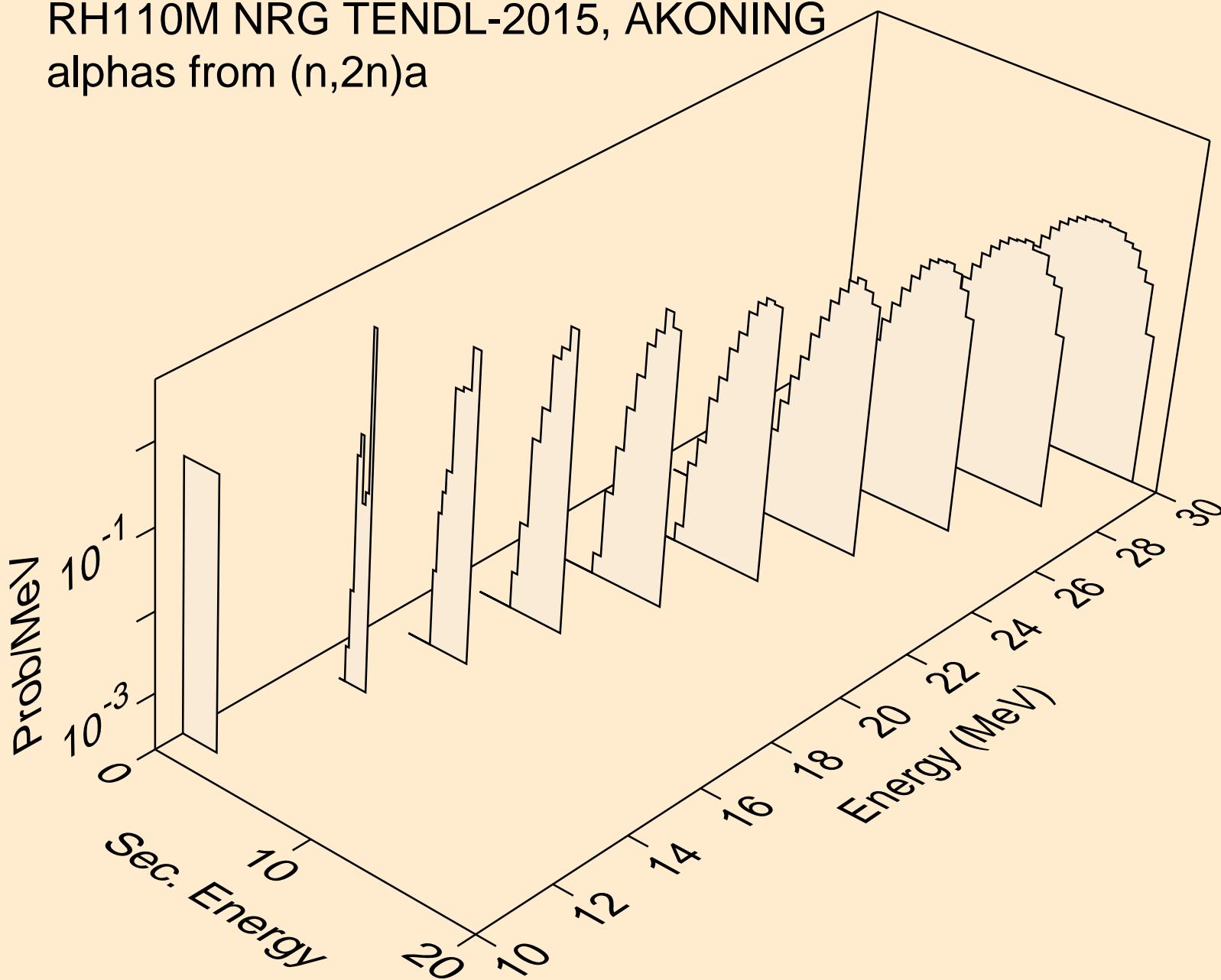
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alphas from (n,x)



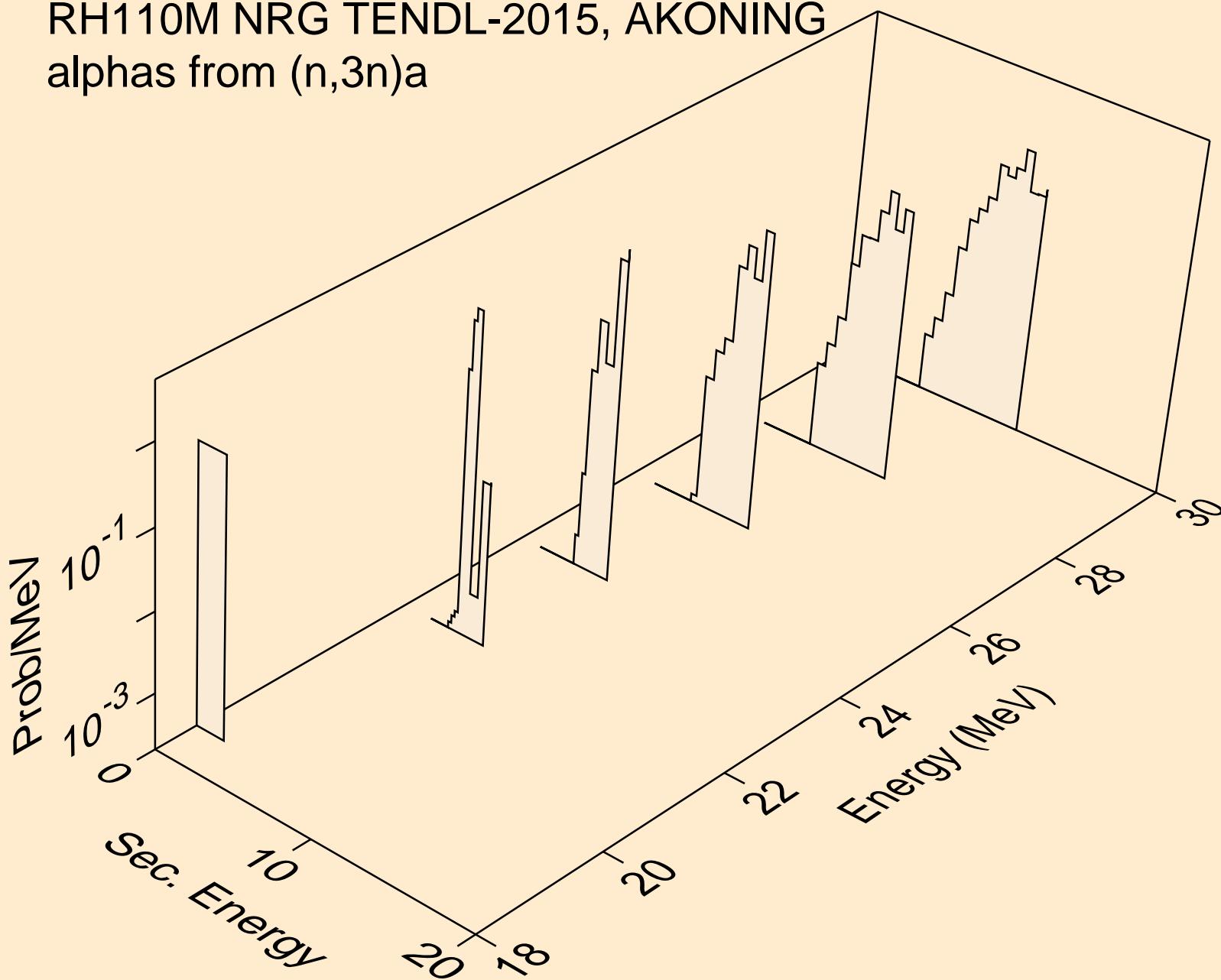
RH110M NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)a$



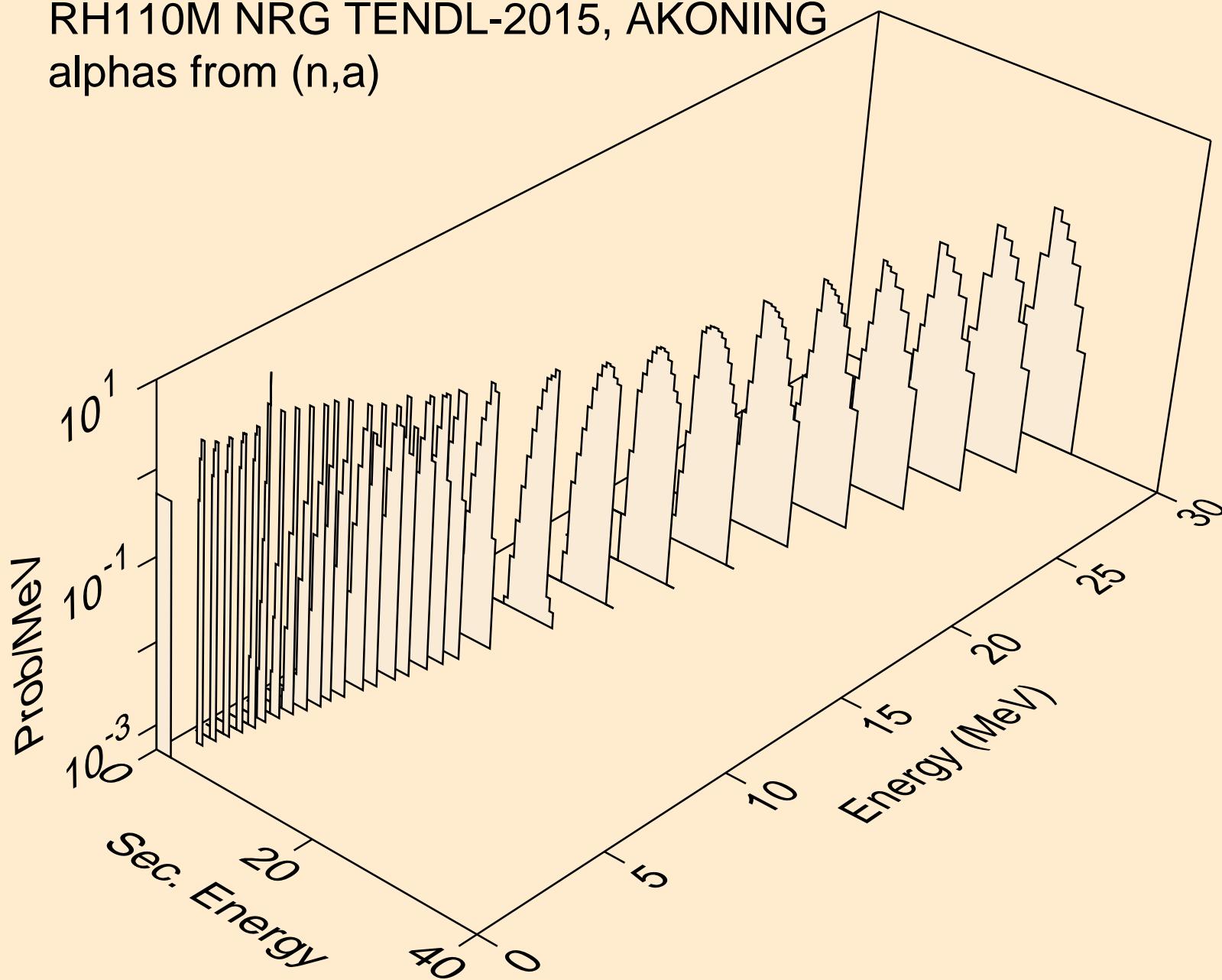
RH110M NRG TENDL-2015, AKONING  
alphas from  $(n,2n)a$



RH110M NRG TENDL-2015, AKONING  
alphas from (n,3n)a



RH110M NRG TENDL-2015, AKONING  
alphas from (n,a)



RH110M NRG TENDL-2015, AKONING  
alphas from (n,pa)

