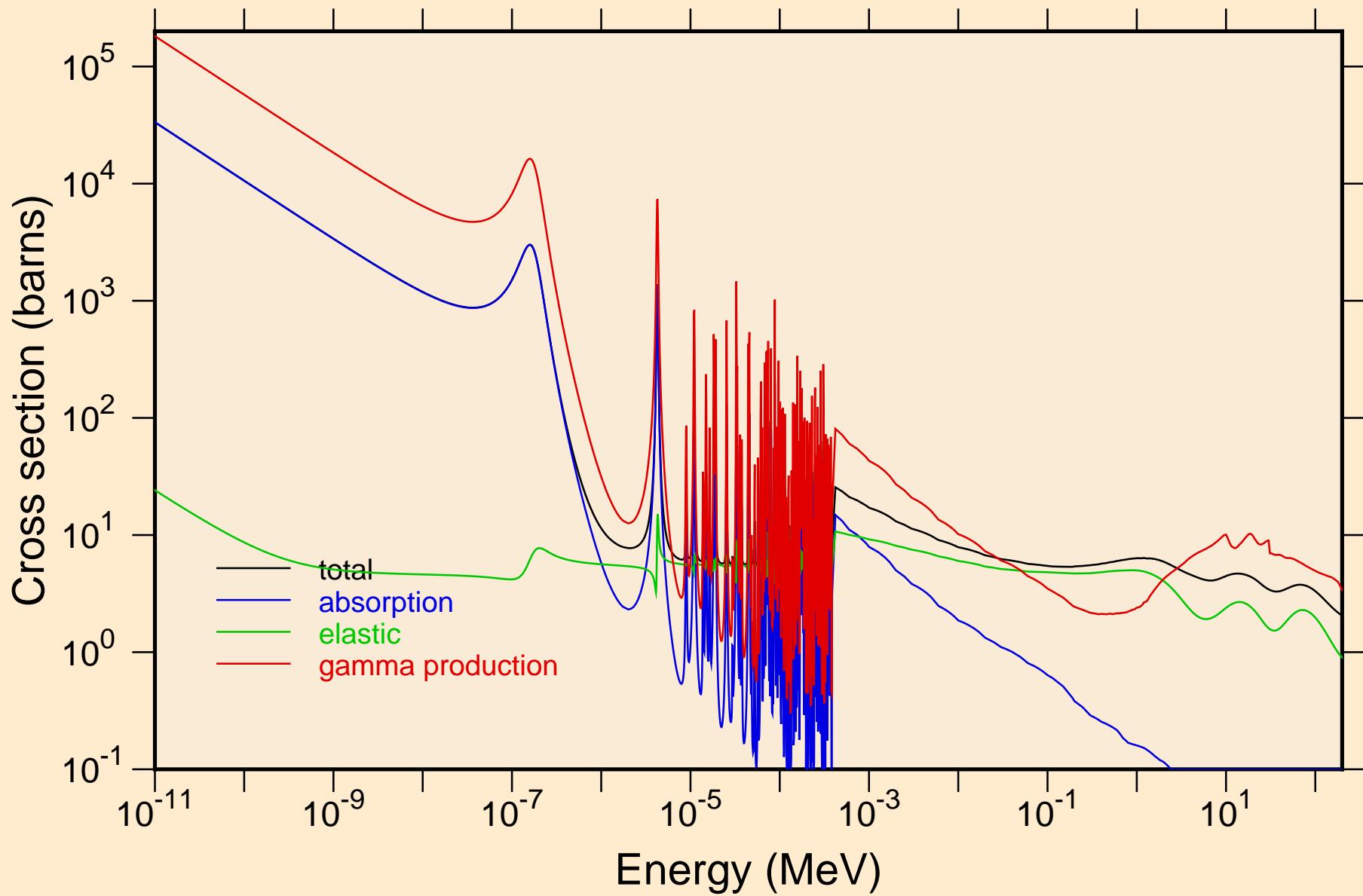
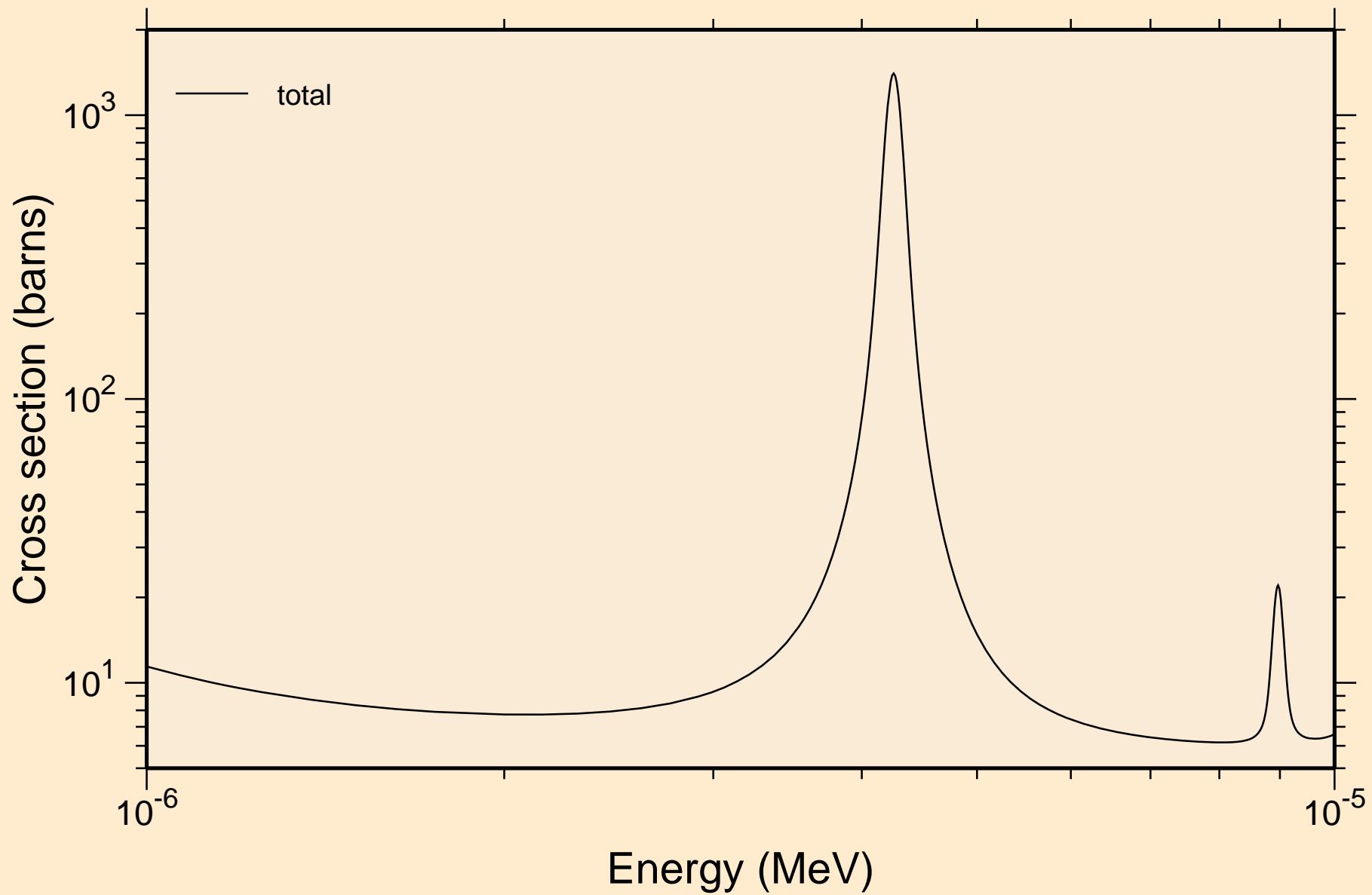


# I125 NRG TENDL-2015, AKONING

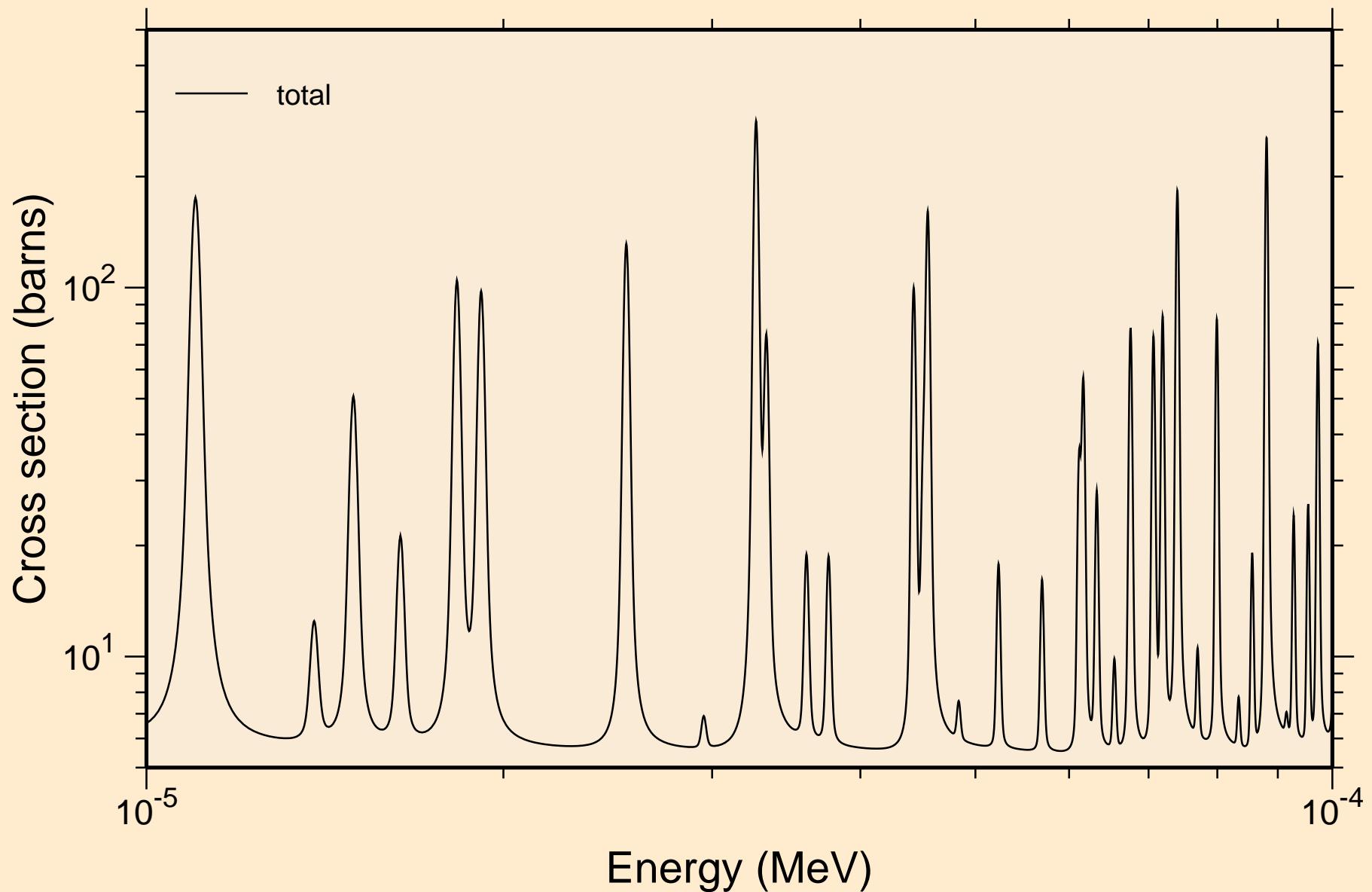
## Principal cross sections



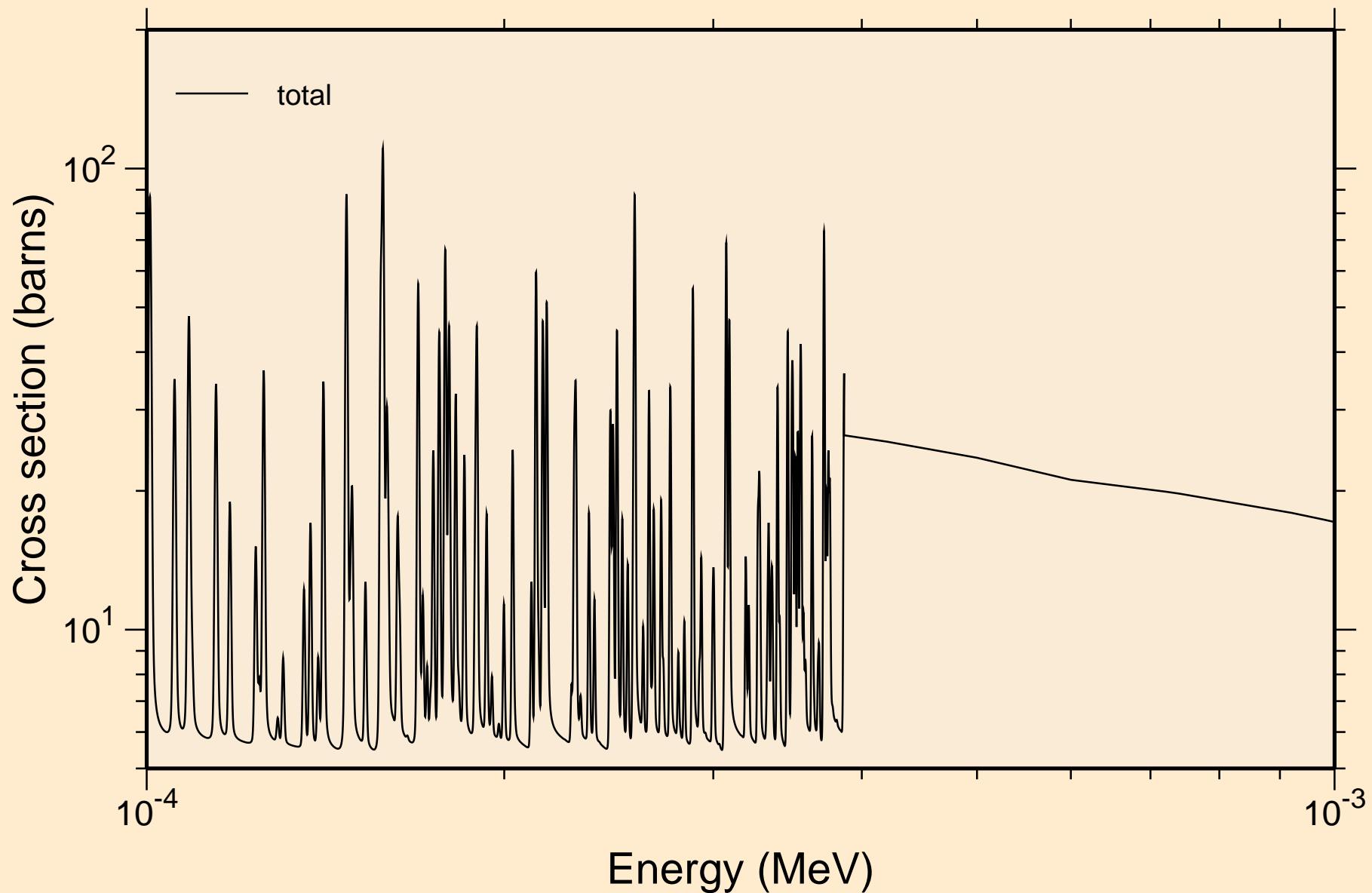
I125 NRG TENDL-2015, AKONING  
resonance total cross section



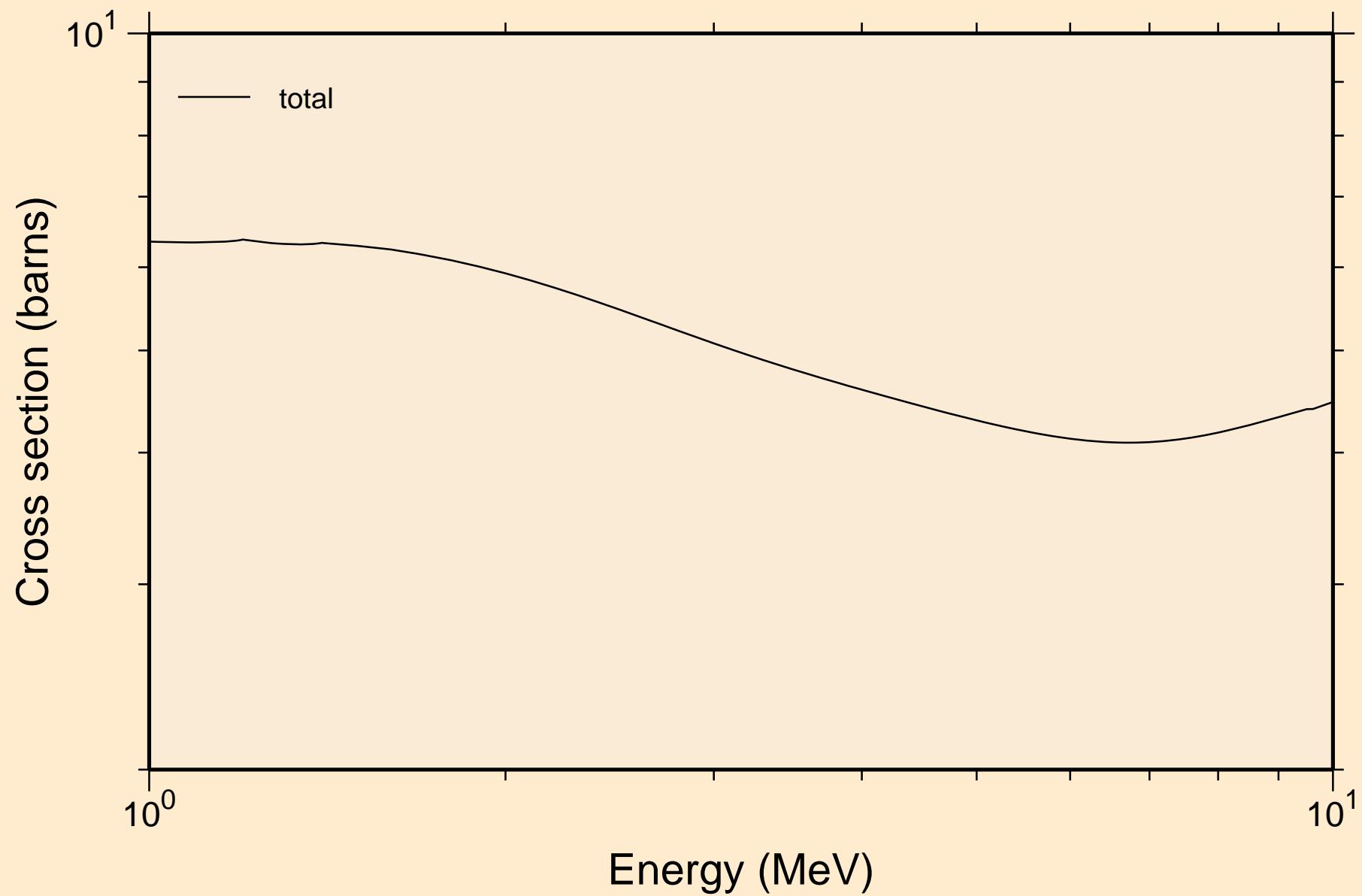
I125 NRG TENDL-2015, AKONING  
resonance total cross section



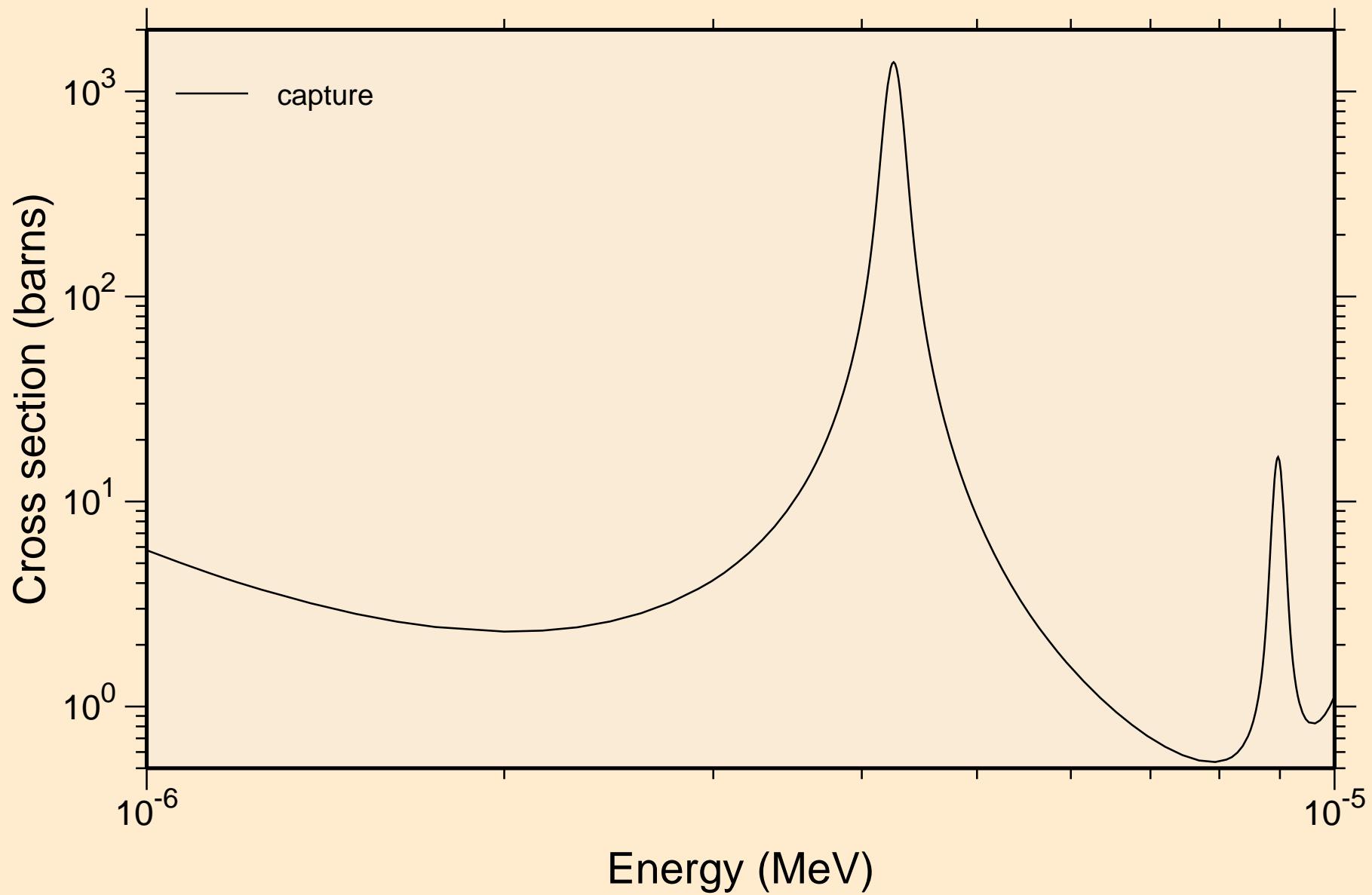
I125 NRG TENDL-2015, AKONING  
resonance total cross section



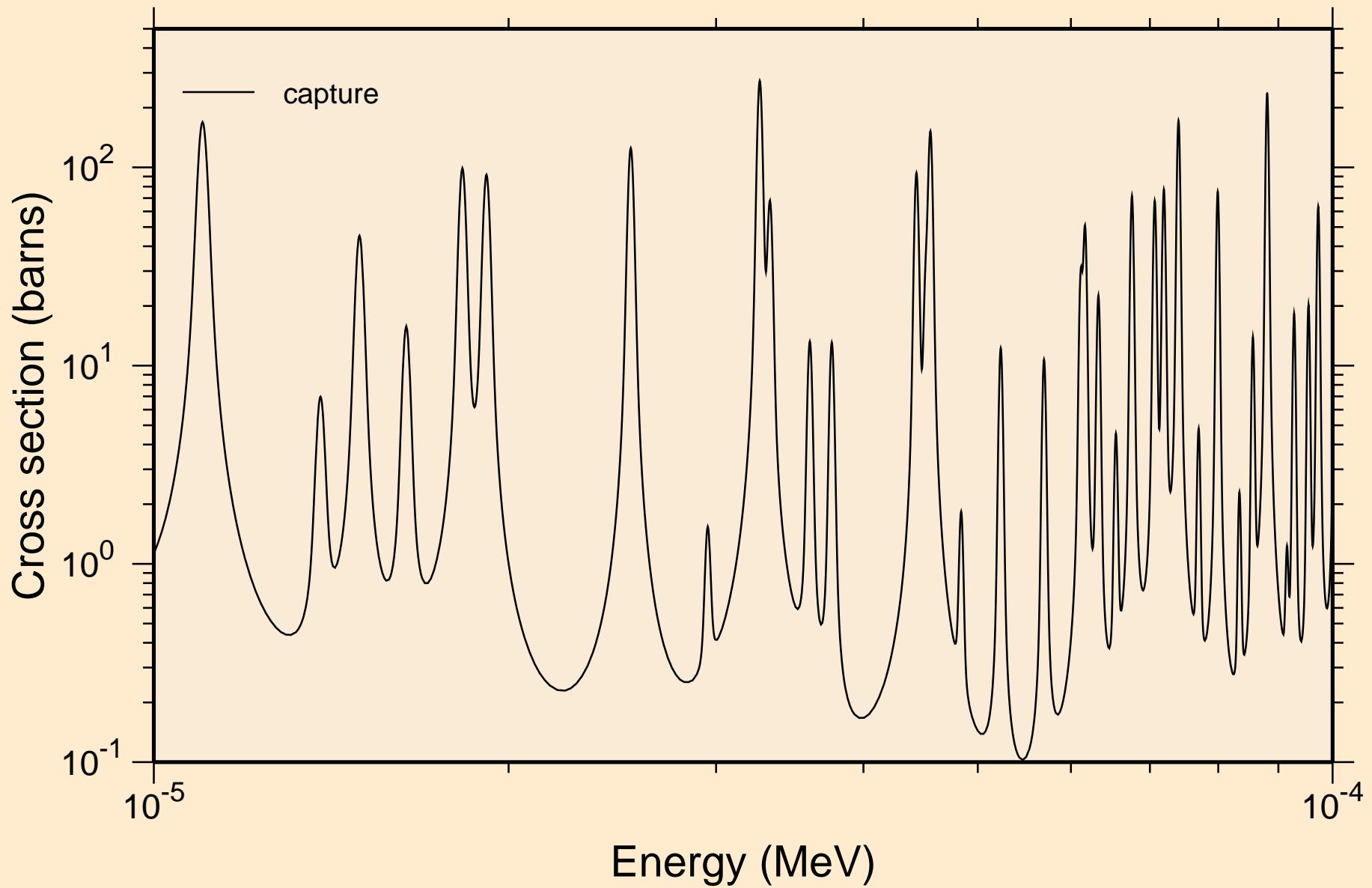
I125 NRG TENDL-2015, AKONING  
resonance total cross section



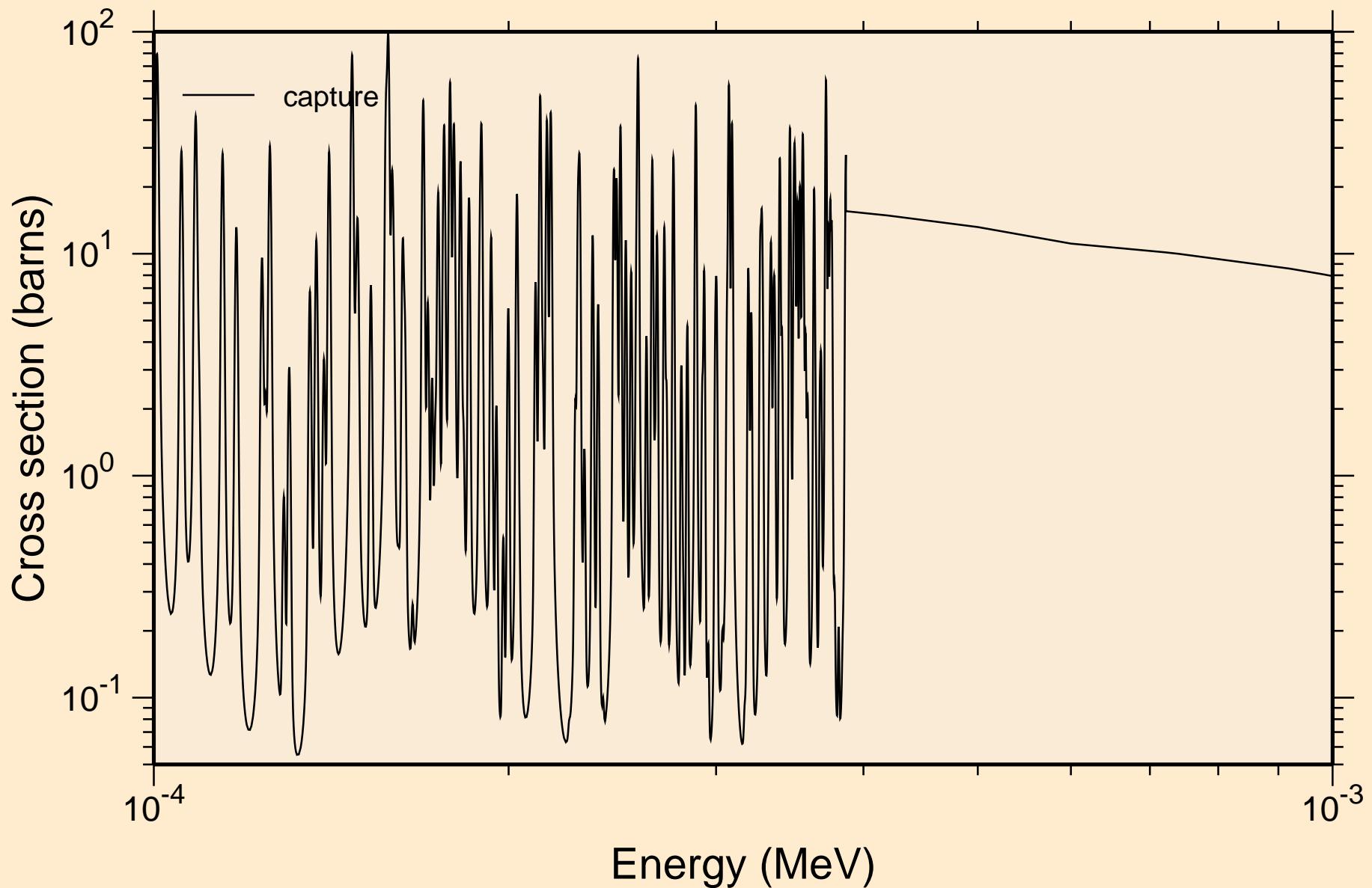
I125 NRG TENDL-2015, AKONING  
resonance absorption cross sections



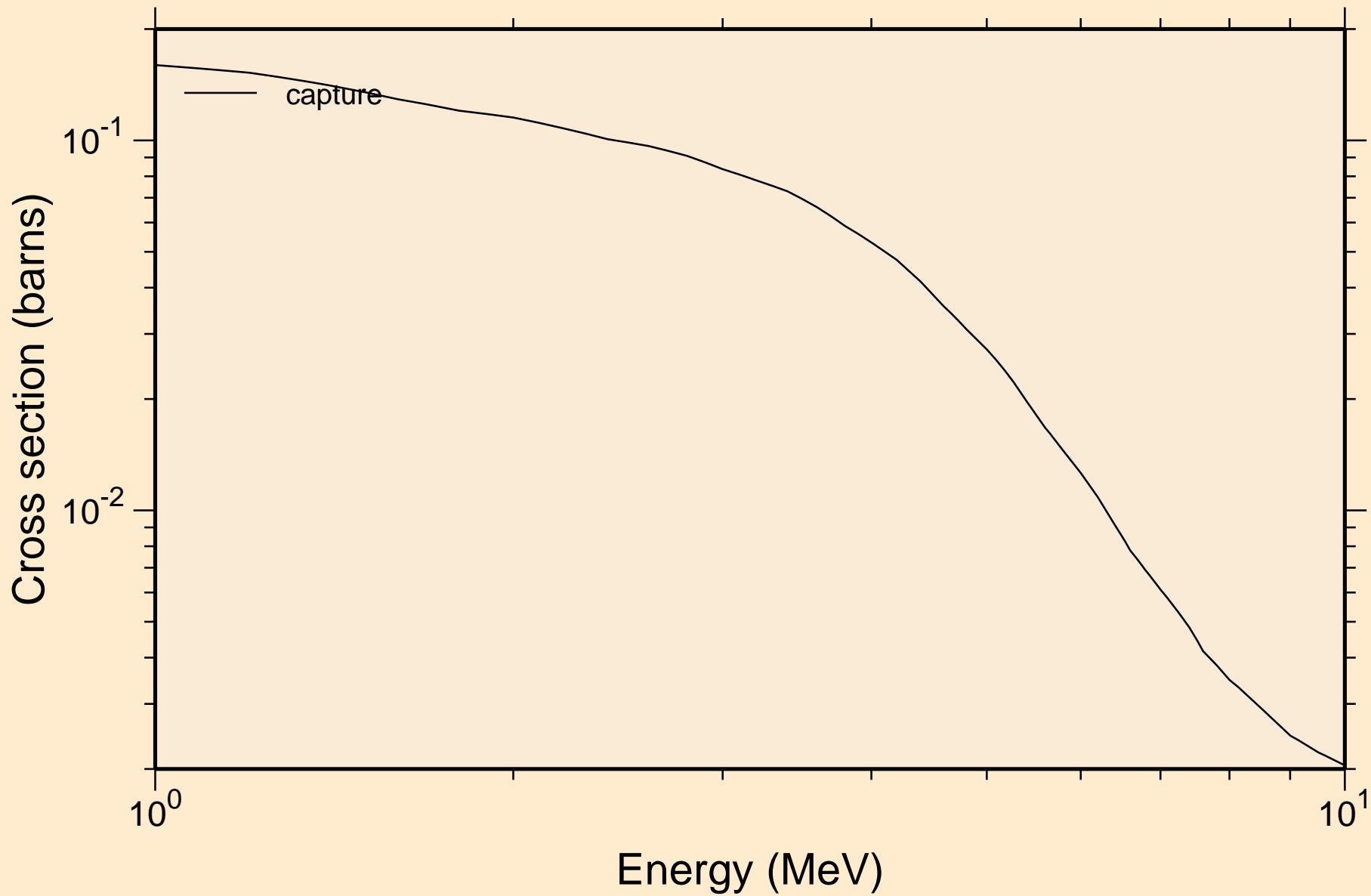
# I125 NRG TENDL-2015, AKONING resonance absorption cross sections



# I125 NRG TENDL-2015, AKONING resonance absorption cross sections

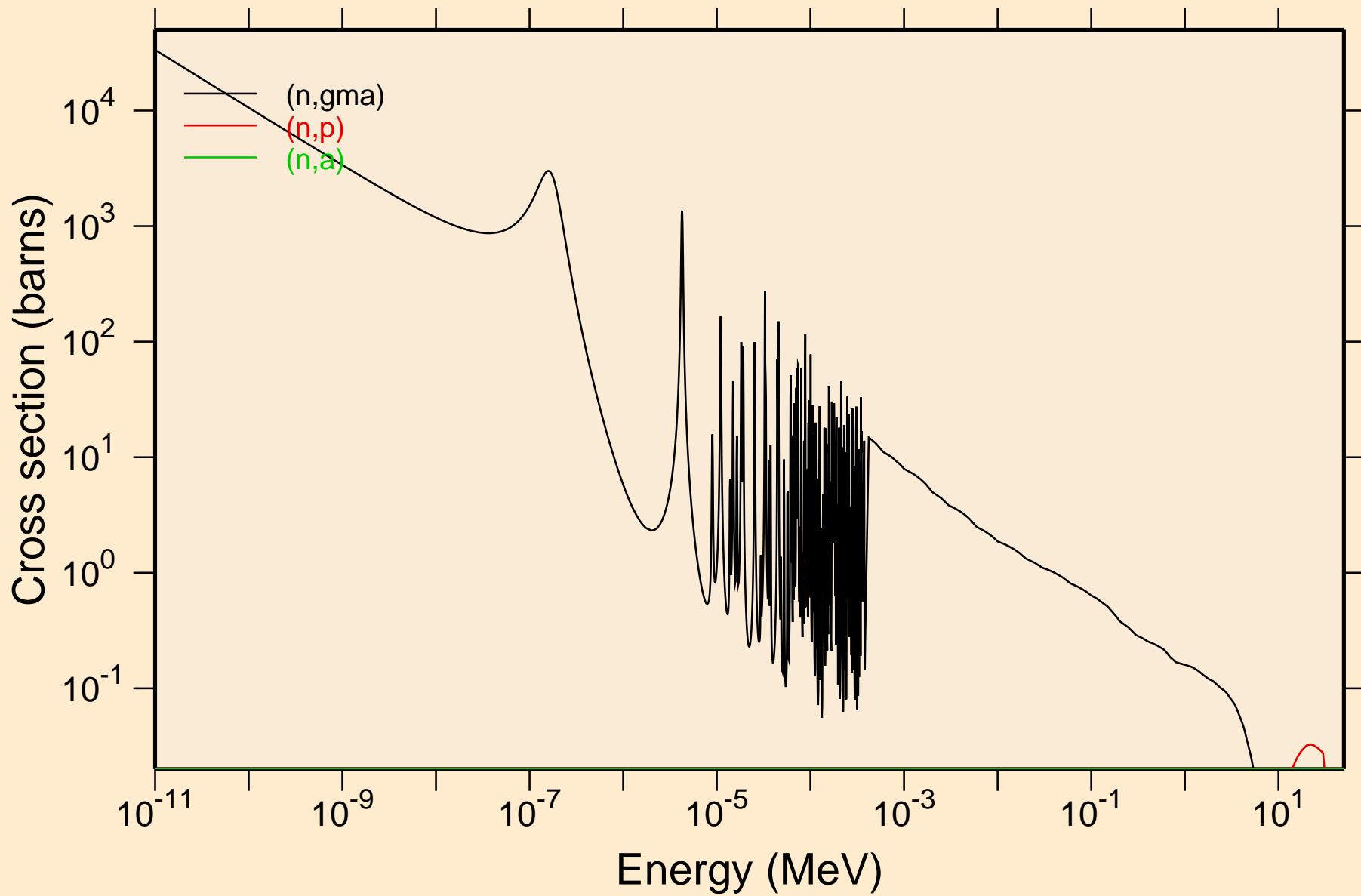


I125 NRG TENDL-2015, AKONING  
resonance absorption cross sections



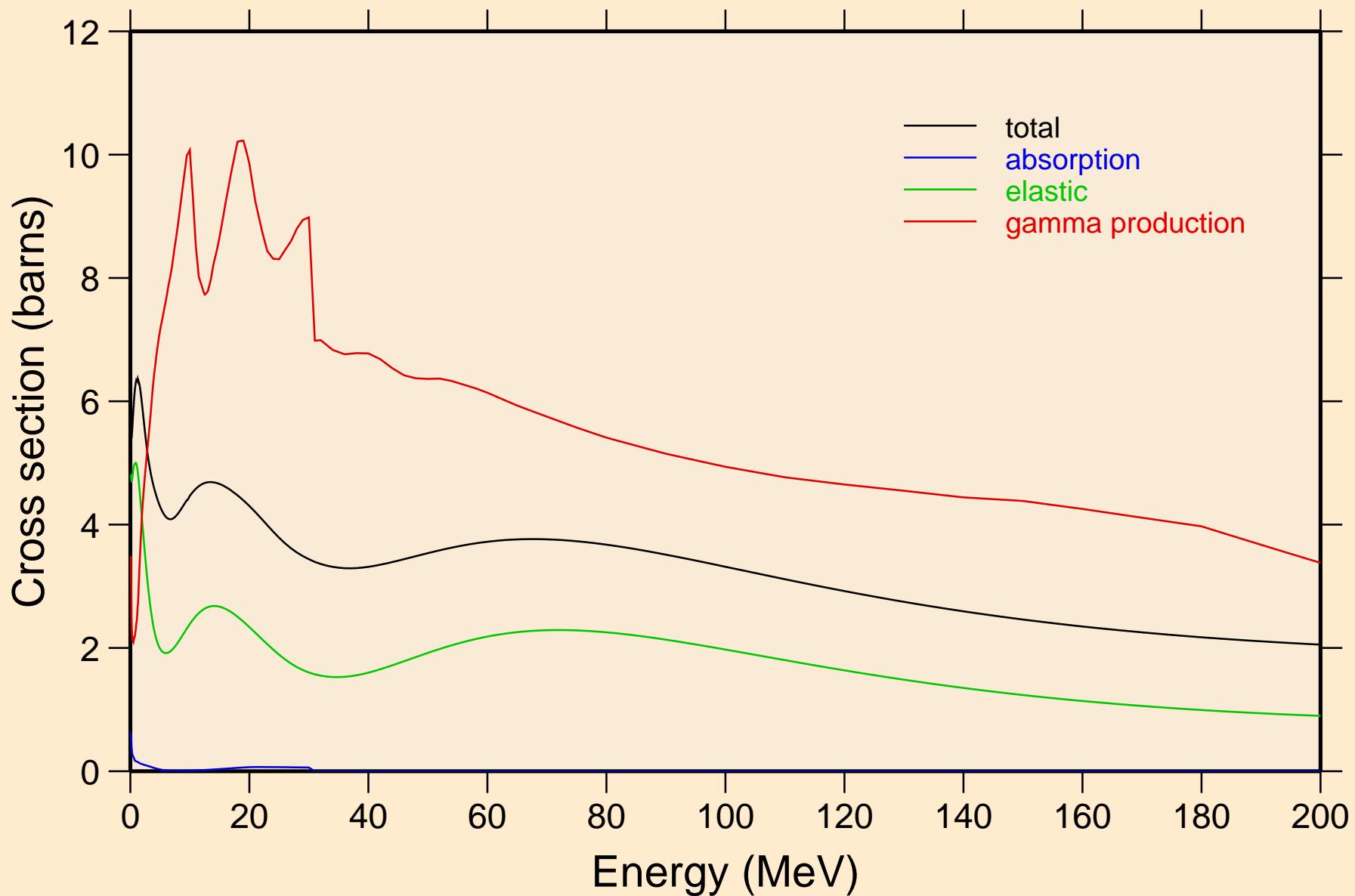
# I125 NRG TENDL-2015, AKONING

## Non-threshold reactions



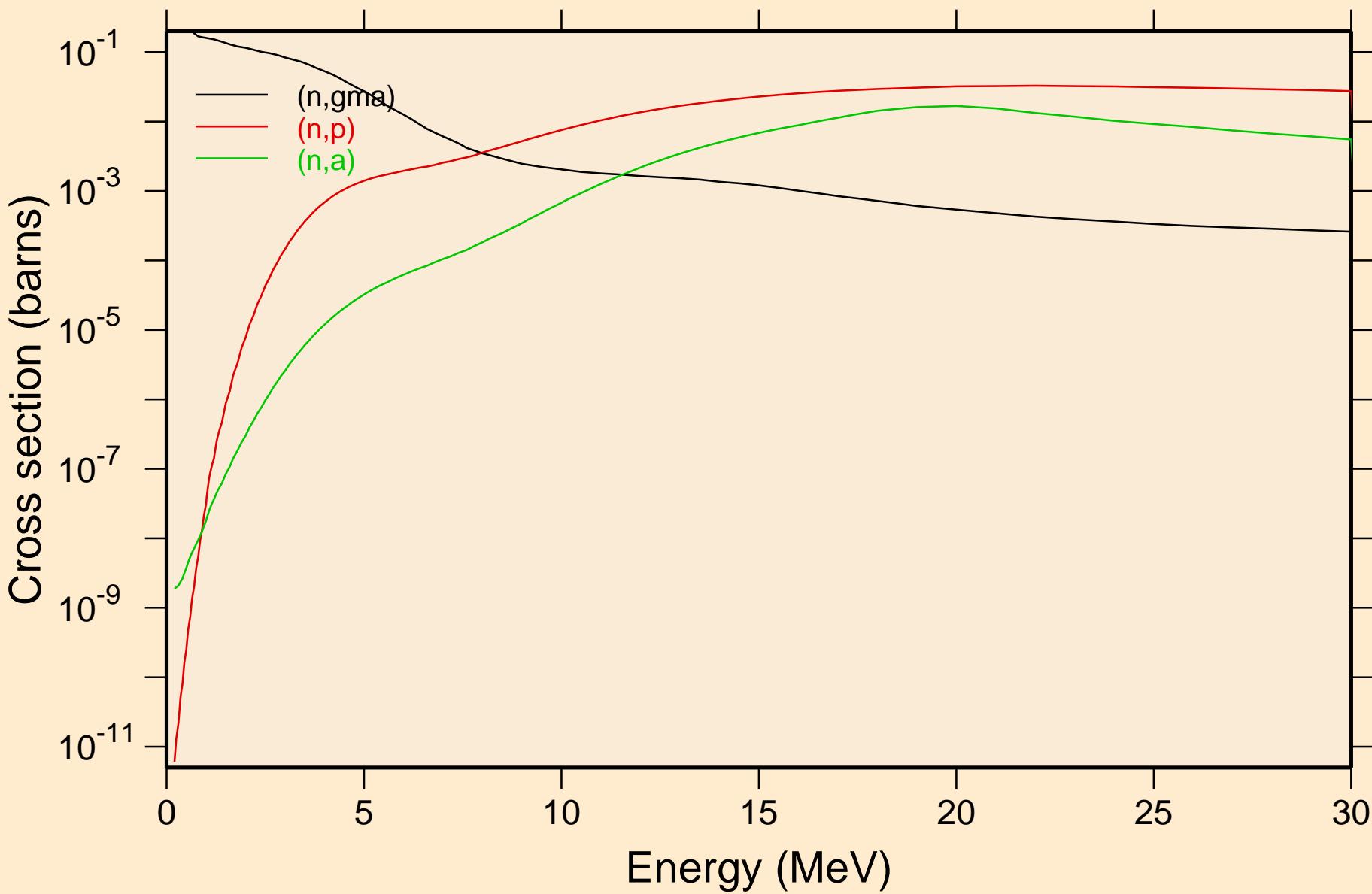
# I125 NRG TENDL-2015, AKONING

## Principal cross sections



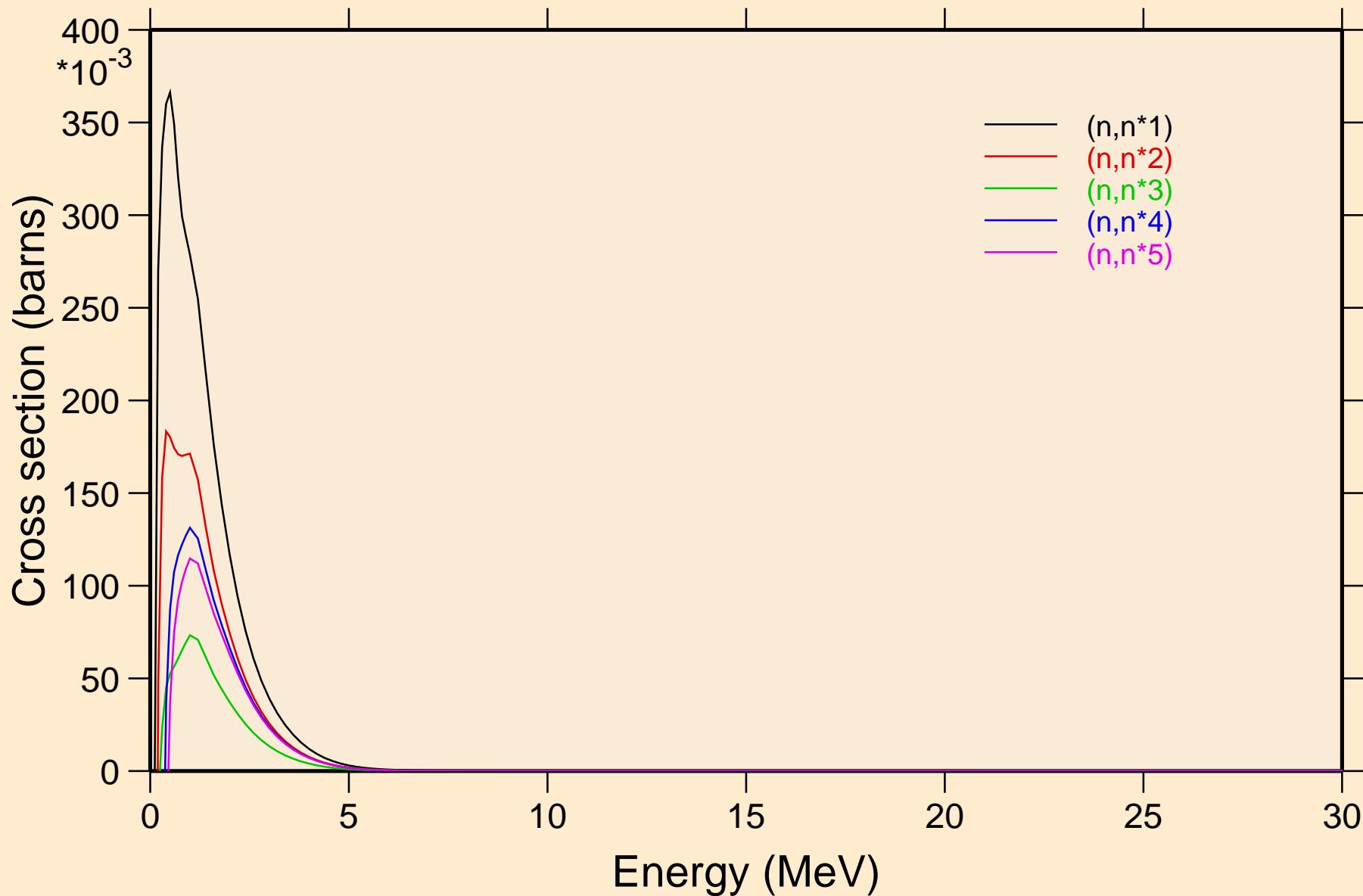
# I125 NRG TENDL-2015, AKONING

## Non-threshold reactions



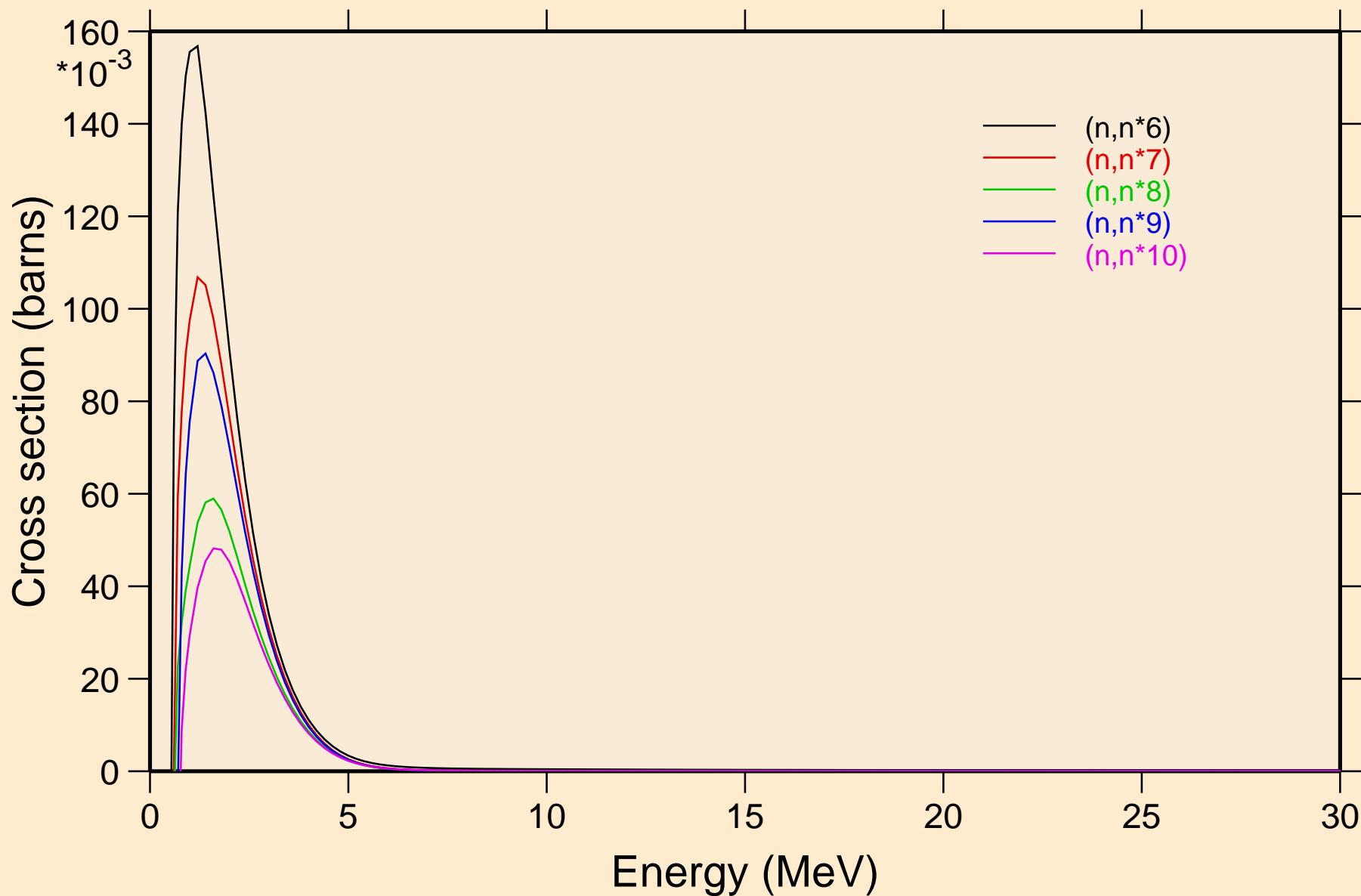
# I125 NRG TENDL-2015, AKONING

## Inelastic levels



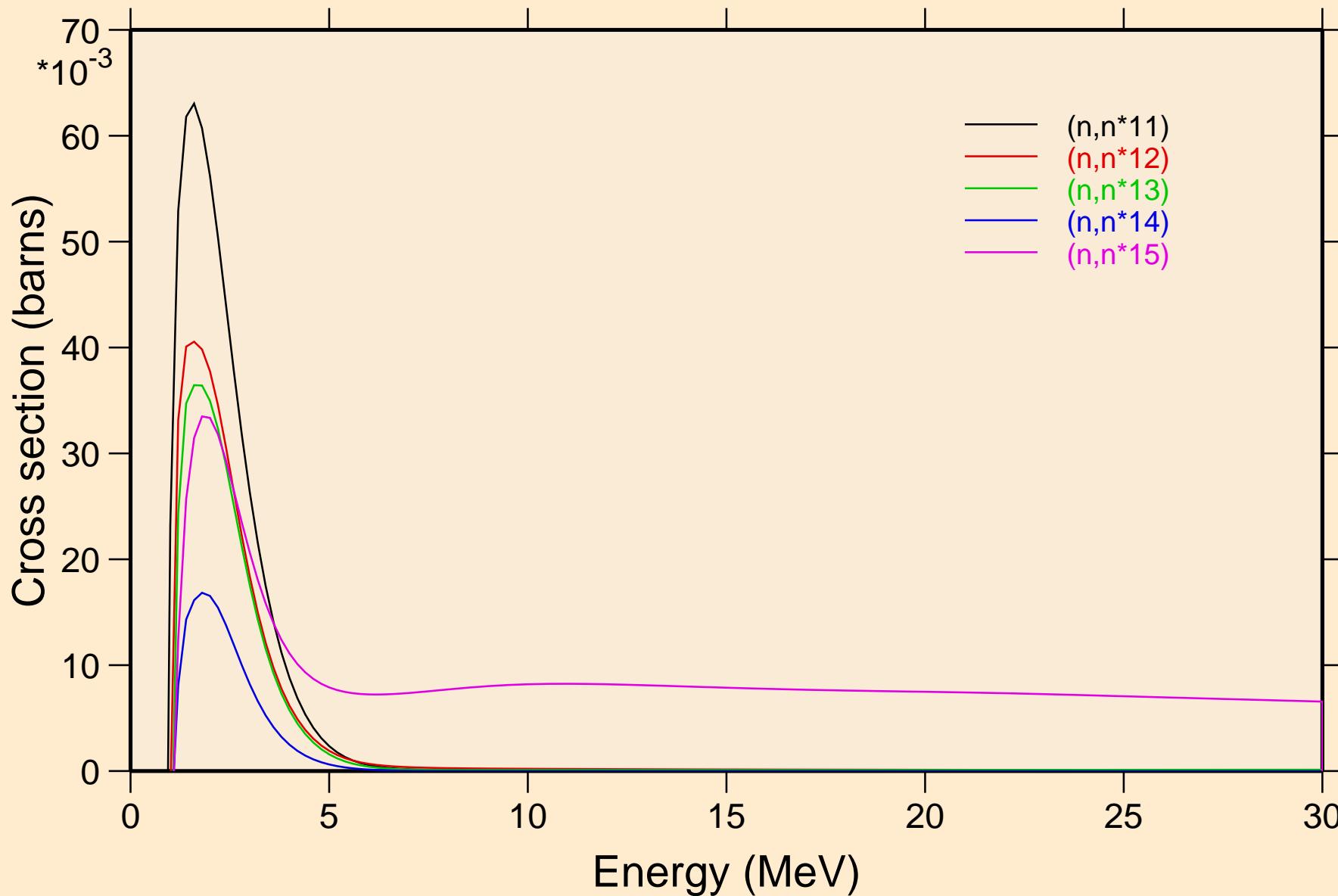
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## Inelastic levels



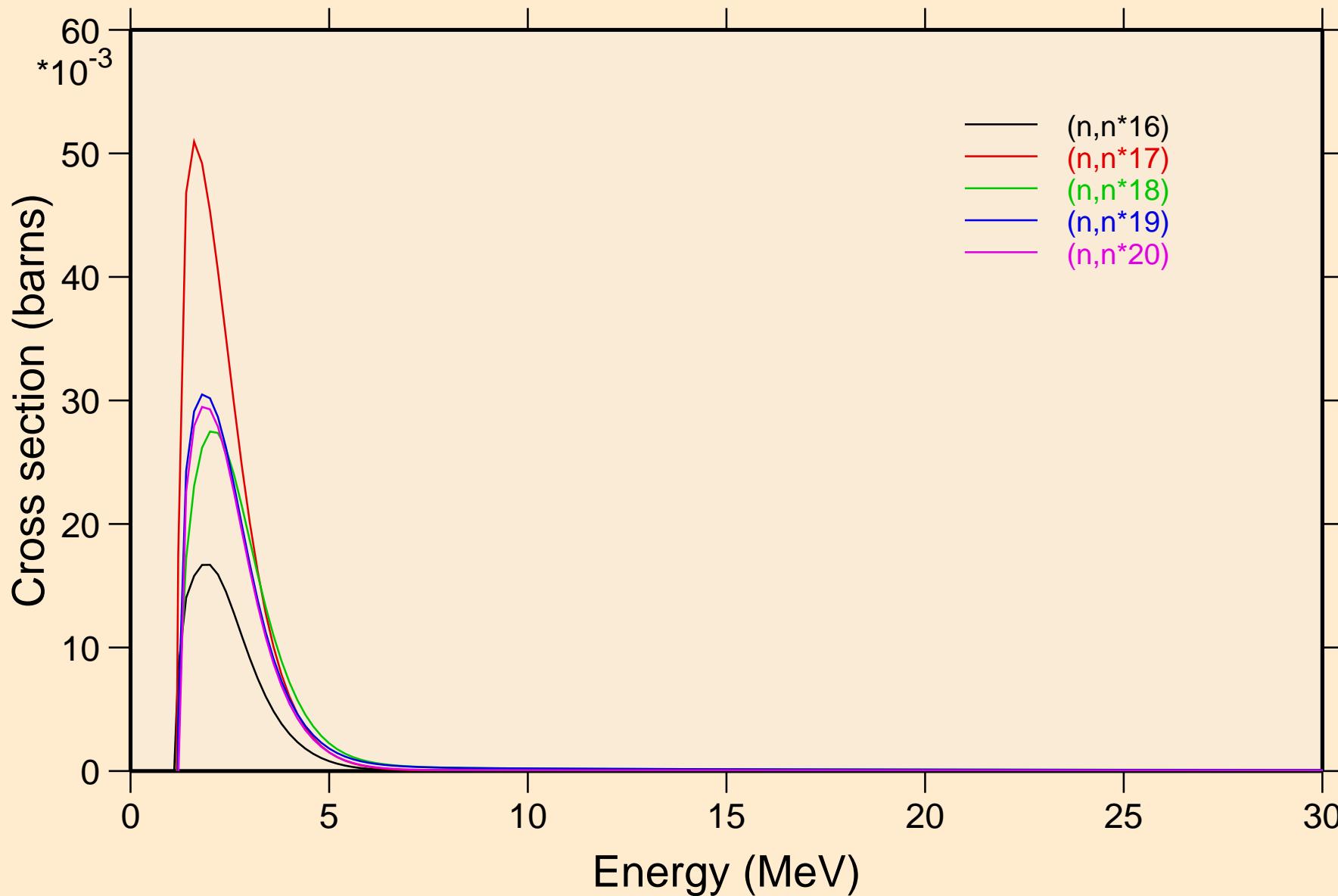
# I125 NRG TENDL-2015, AKONING

## Inelastic levels



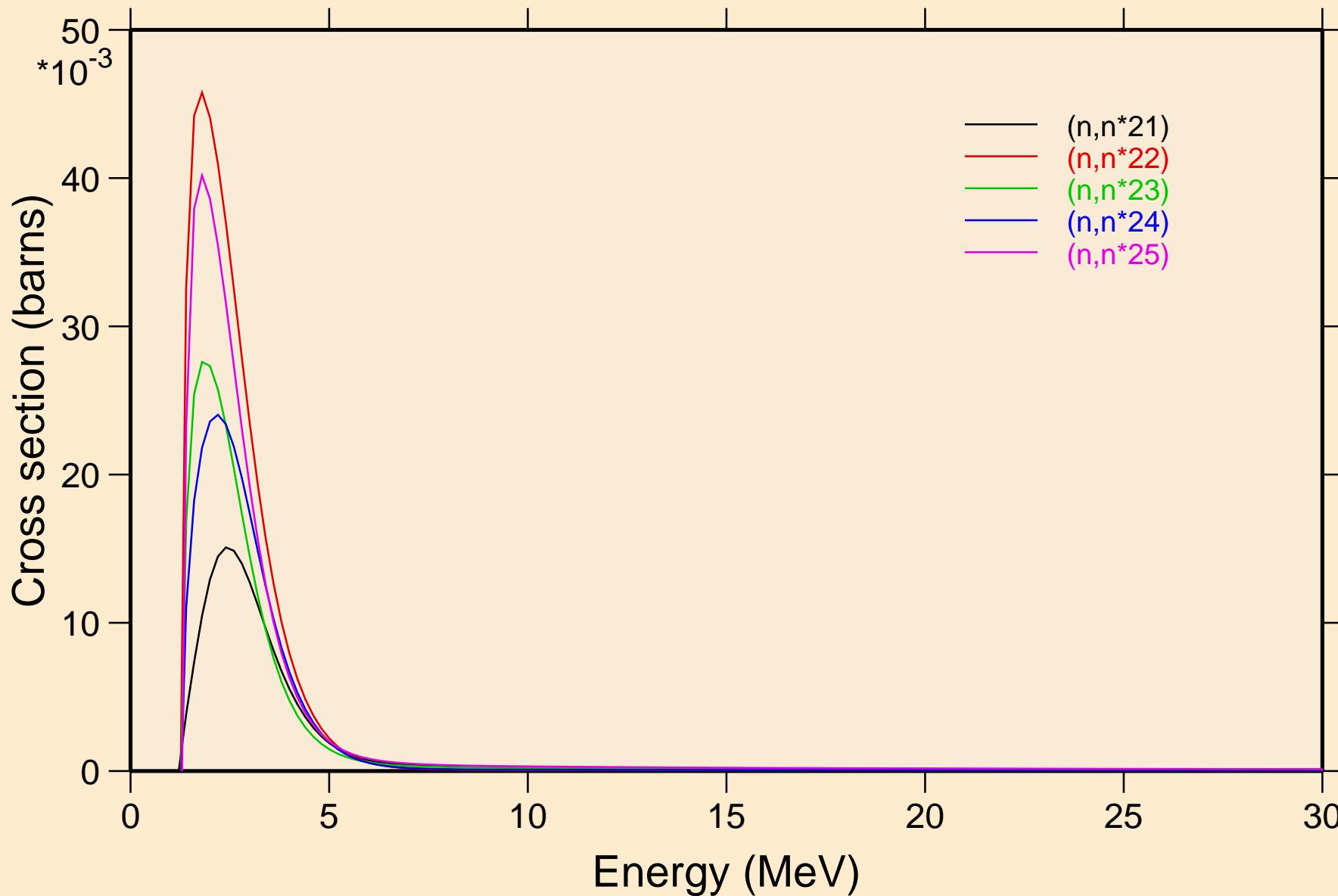
# I125 NRG TENDL-2015, AKONING

## Inelastic levels



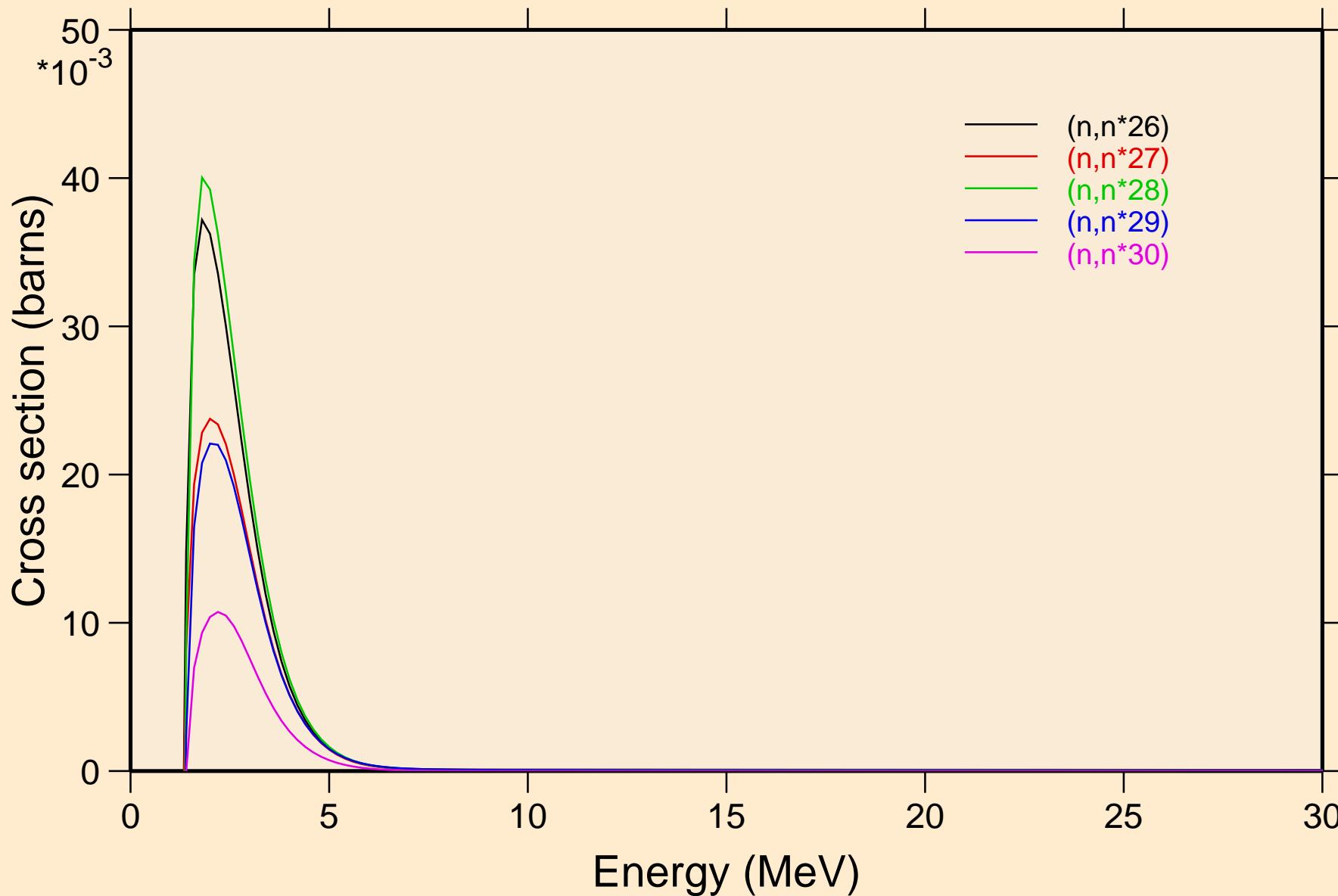
# I125 NRG TENDL-2015, AKONING

## Inelastic levels



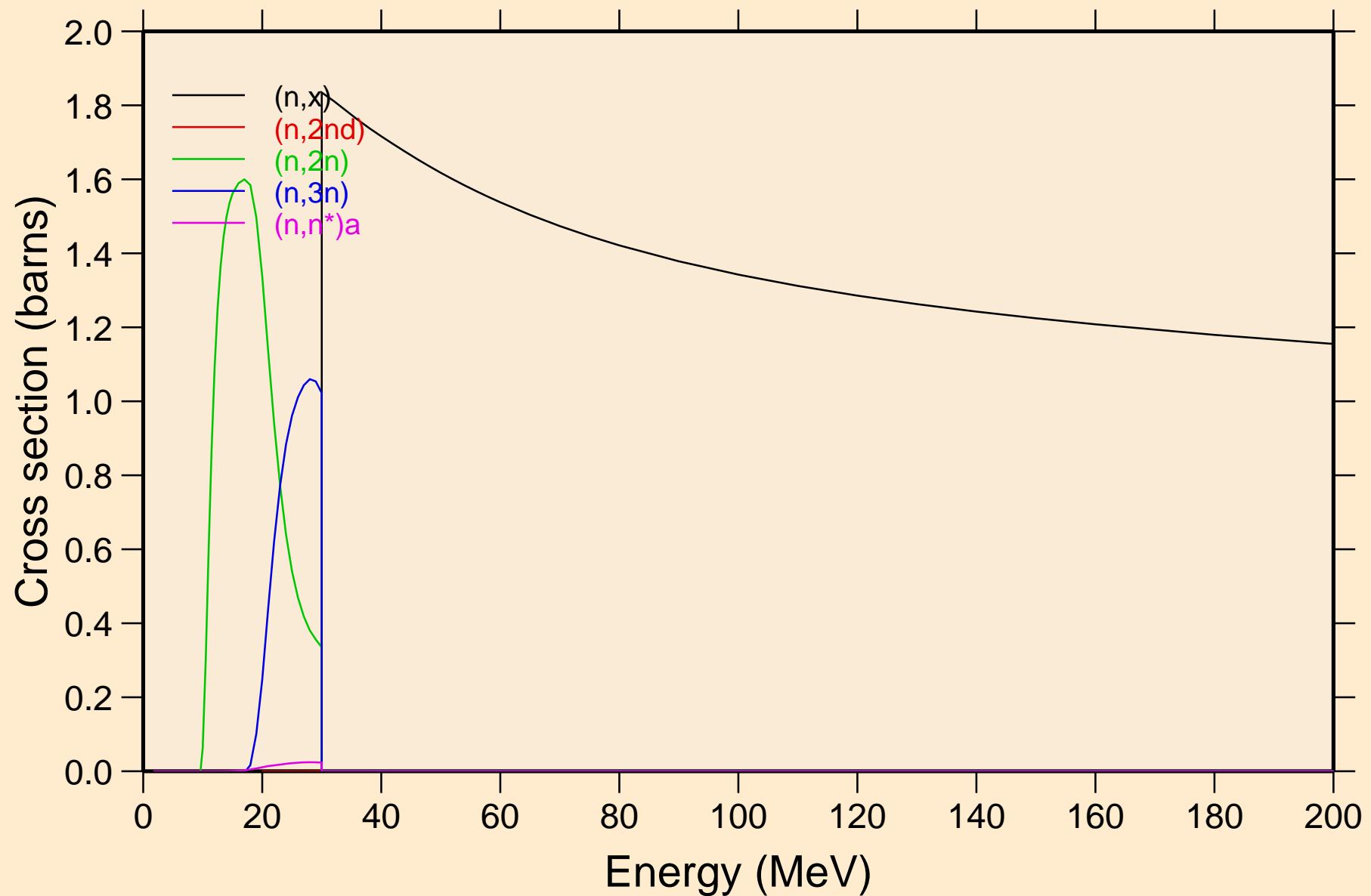
# I125 NRG TENDL-2015, AKONING

## Inelastic levels



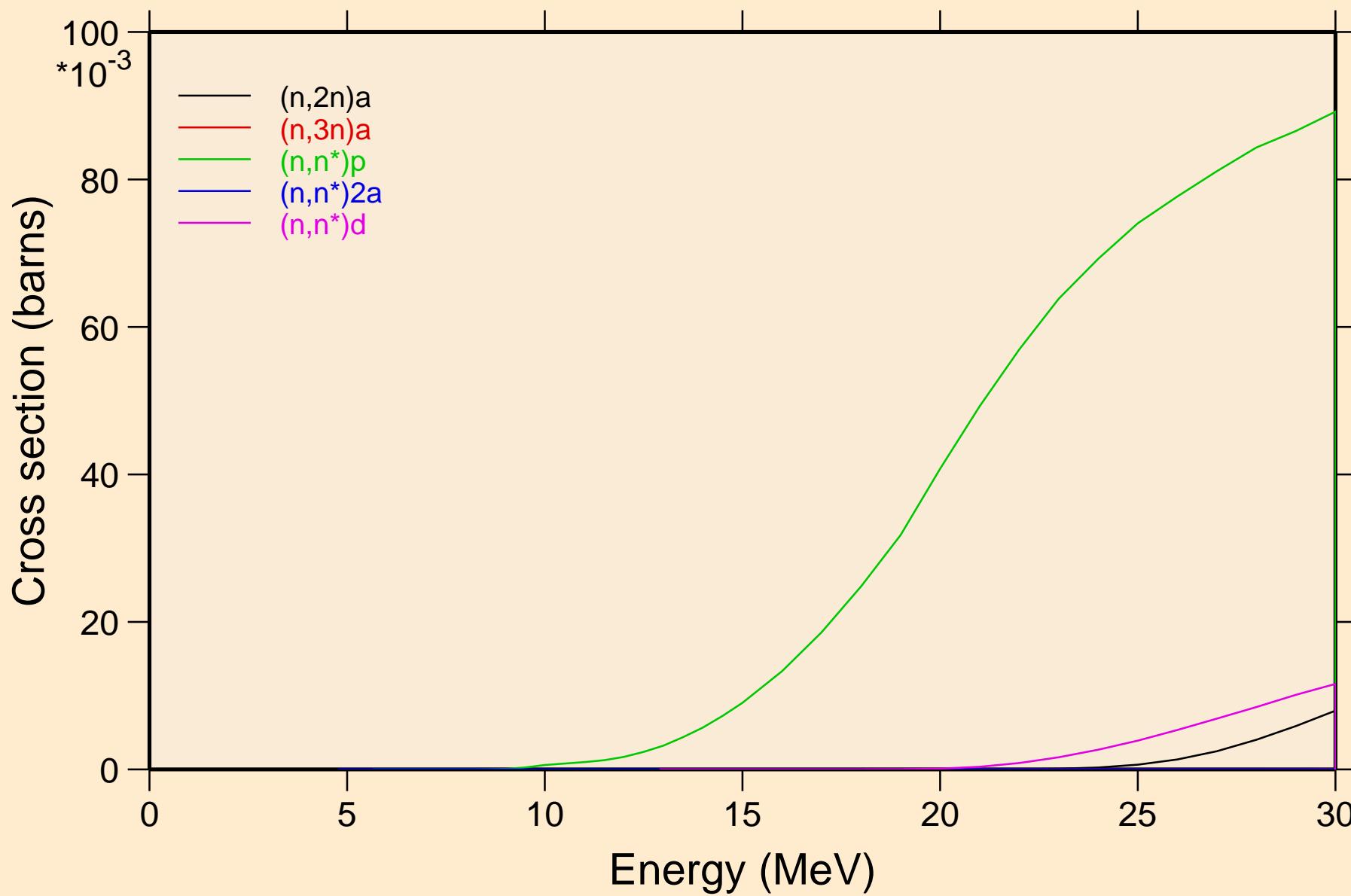
# I125 NRG TENDL-2015, AKONING

## Threshold reactions



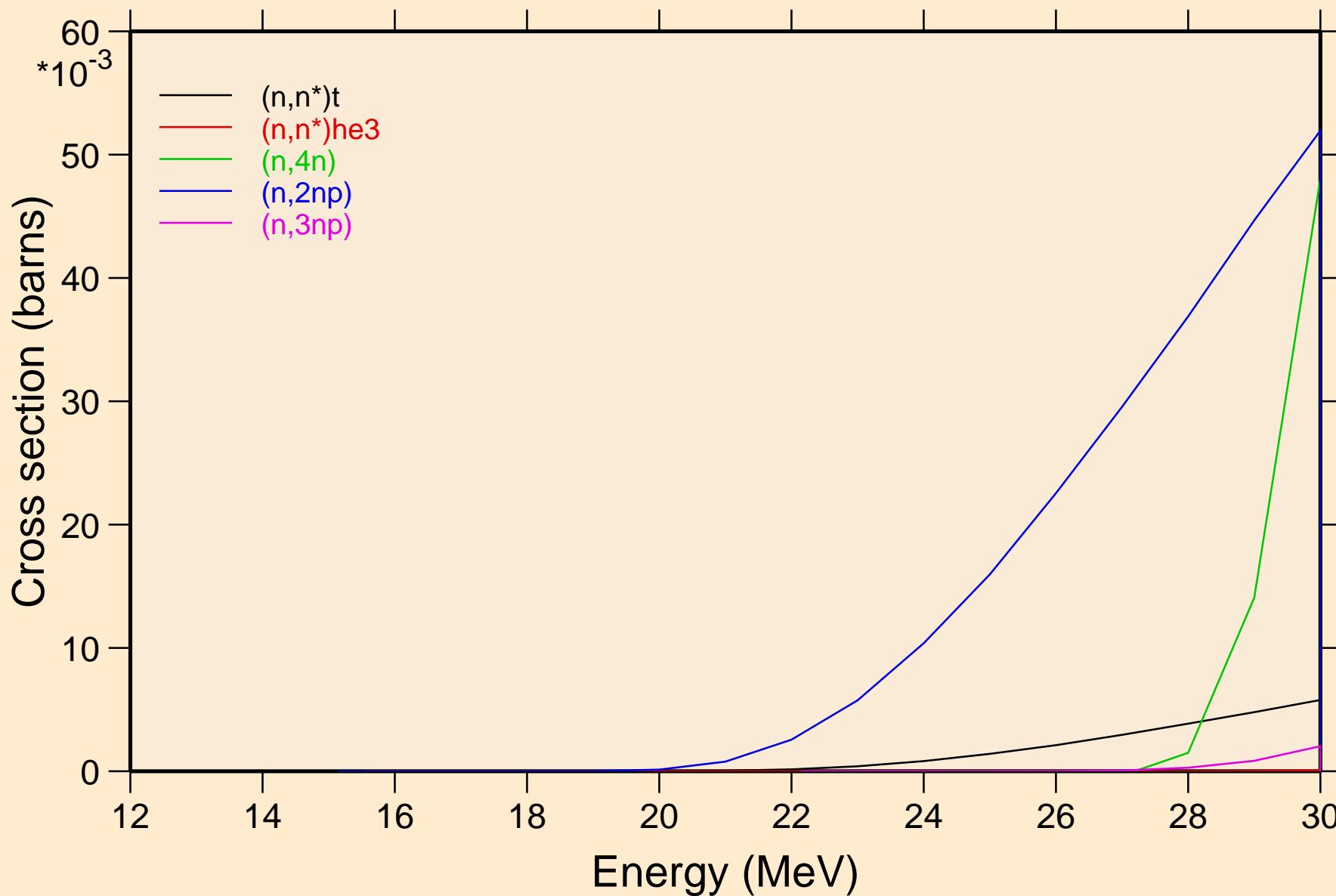
# I125 NRG TENDL-2015, AKONING

## Threshold reactions



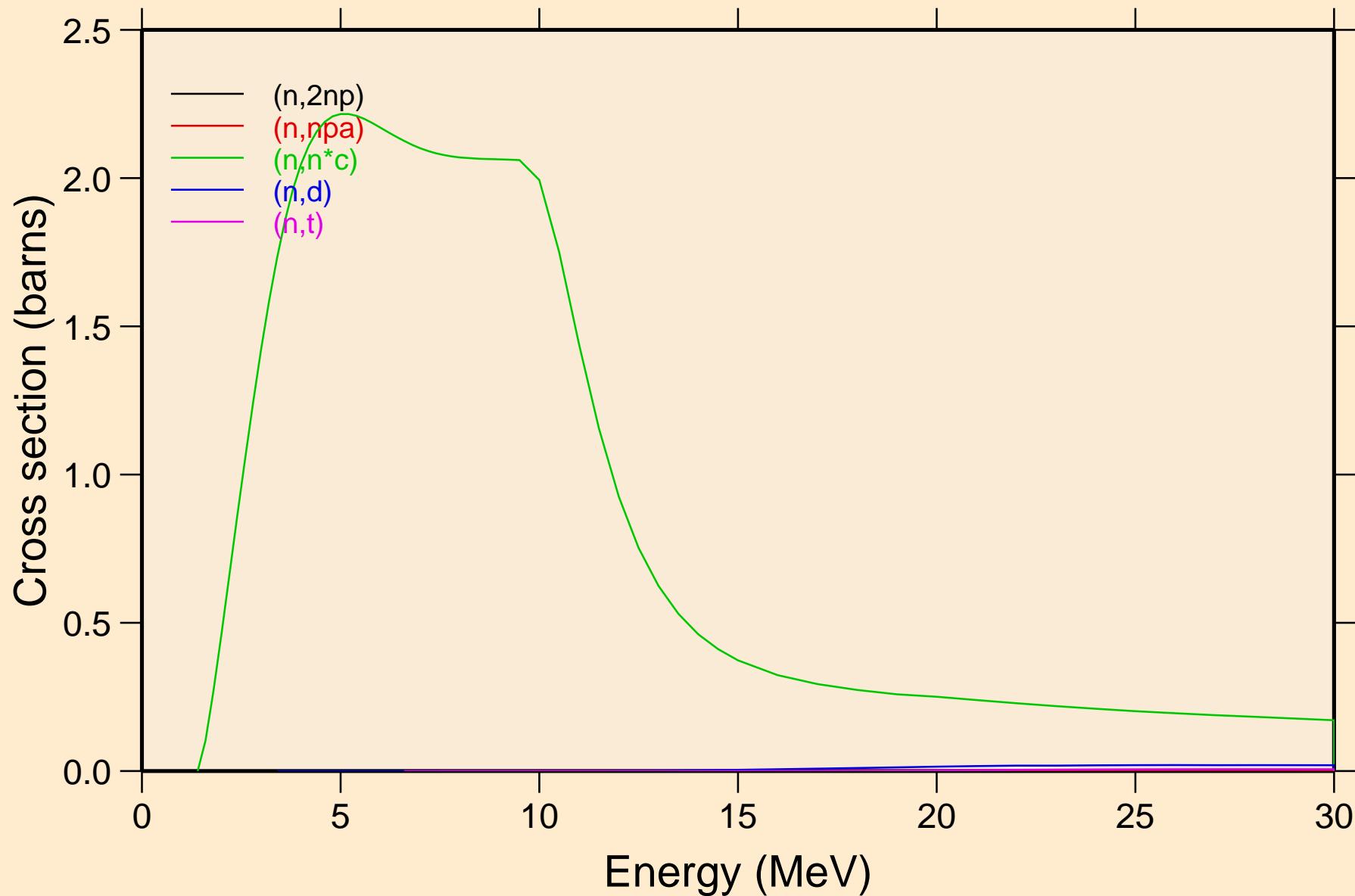
# I125 NRG TENDL-2015, AKONING

## Threshold reactions



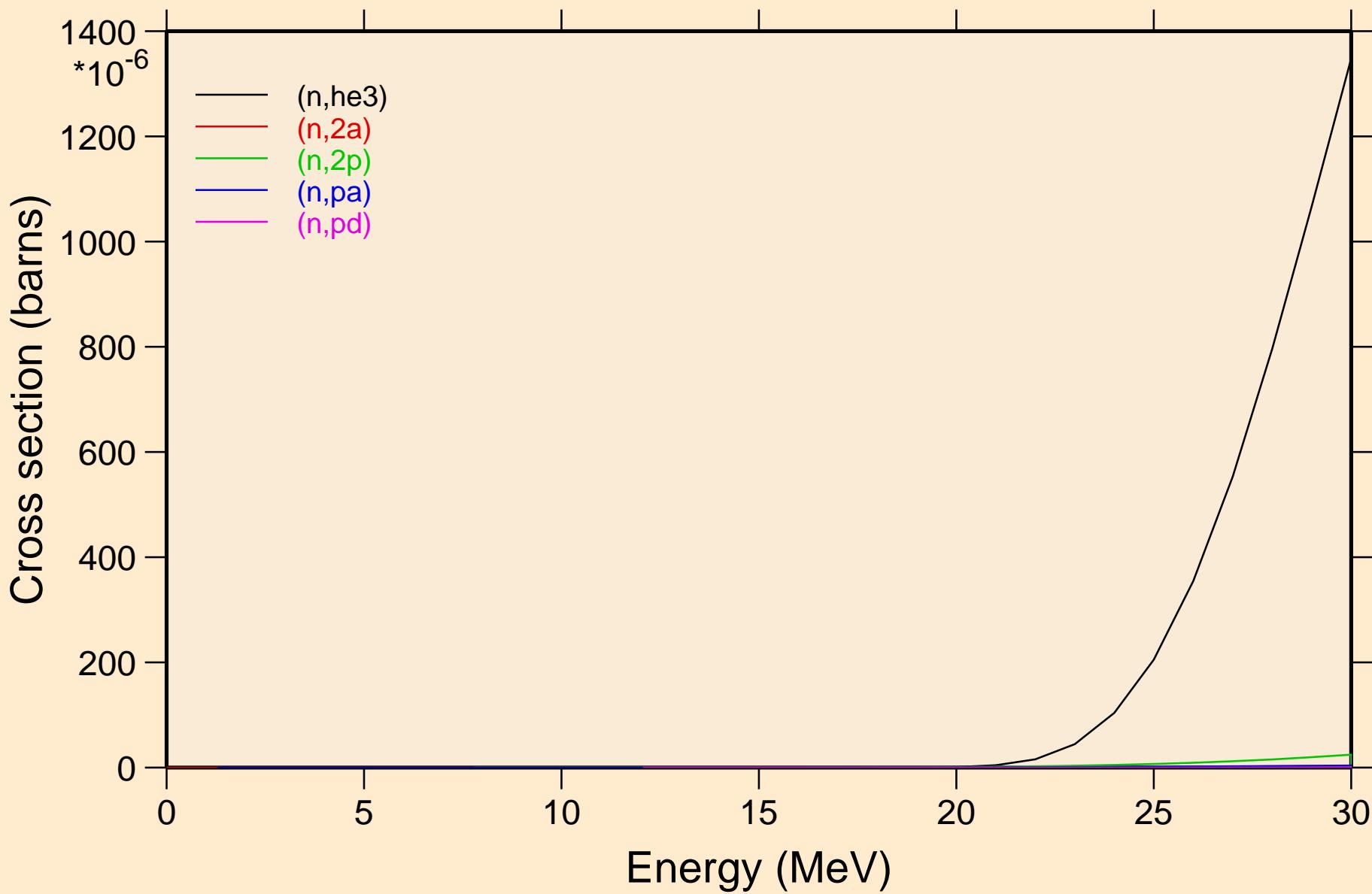
# I125 NRG TENDL-2015, AKONING

## Threshold reactions



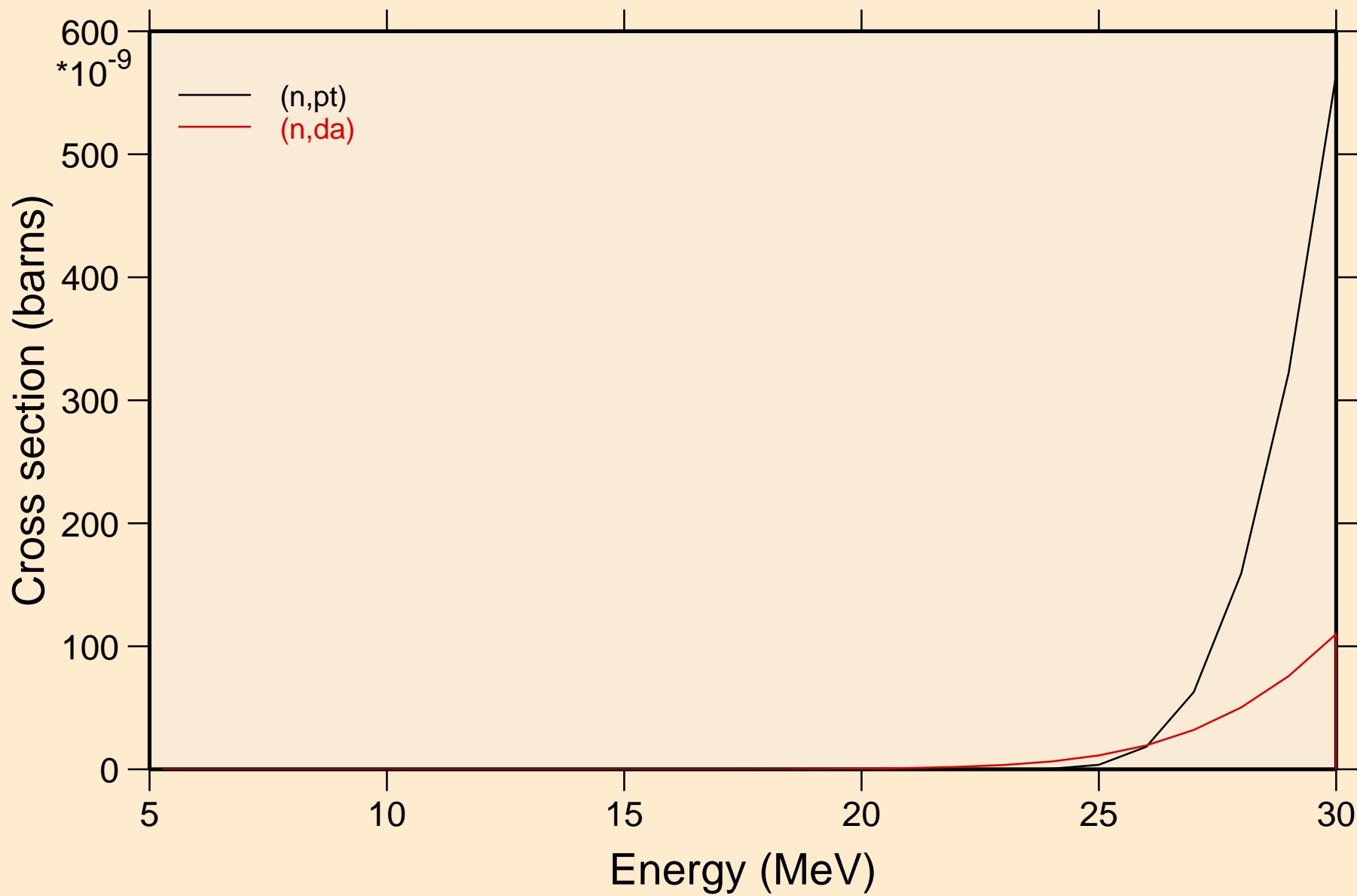
# I125 NRG TENDL-2015, AKONING

## Threshold reactions

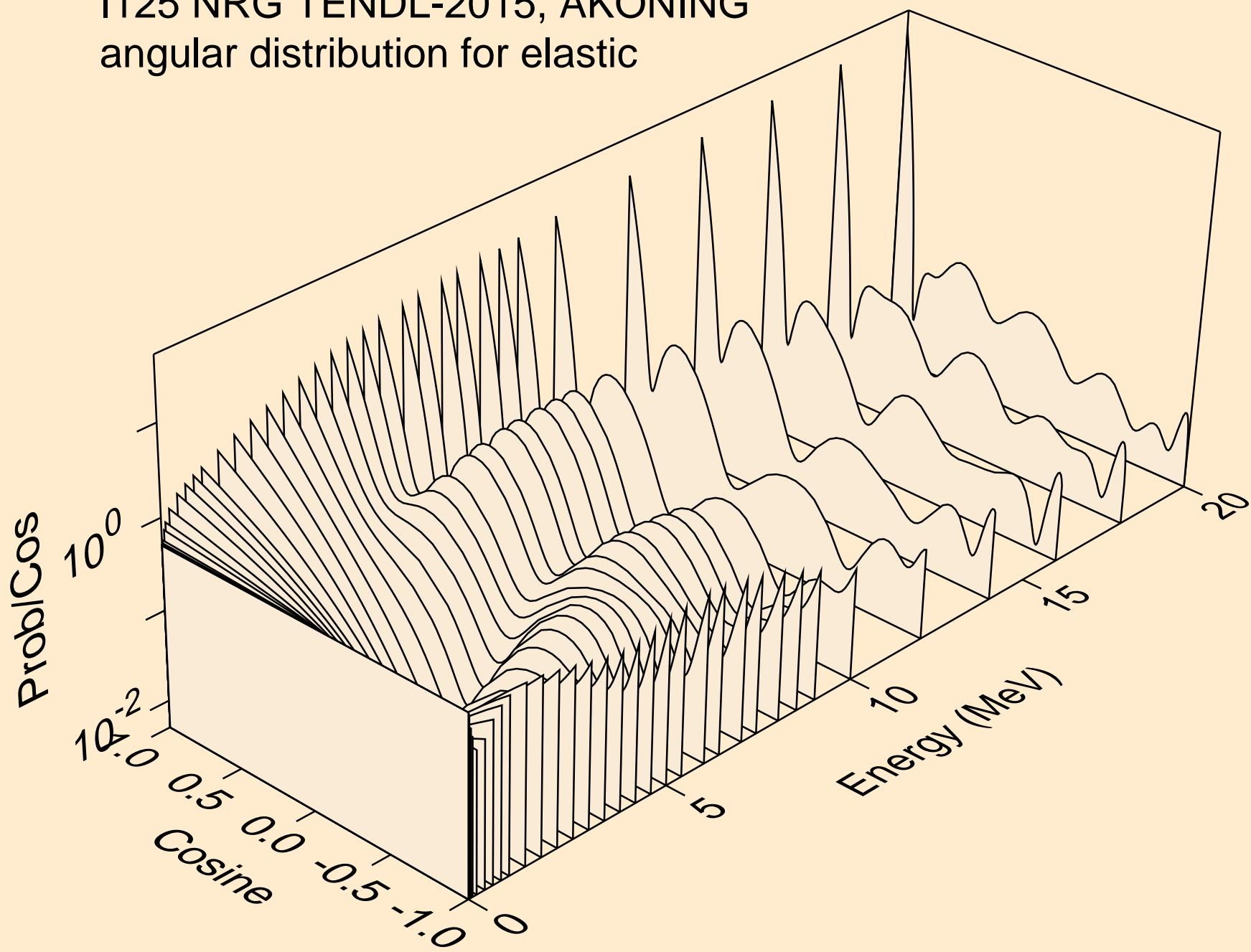


# I125 NRG TENDL-2015, AKONING

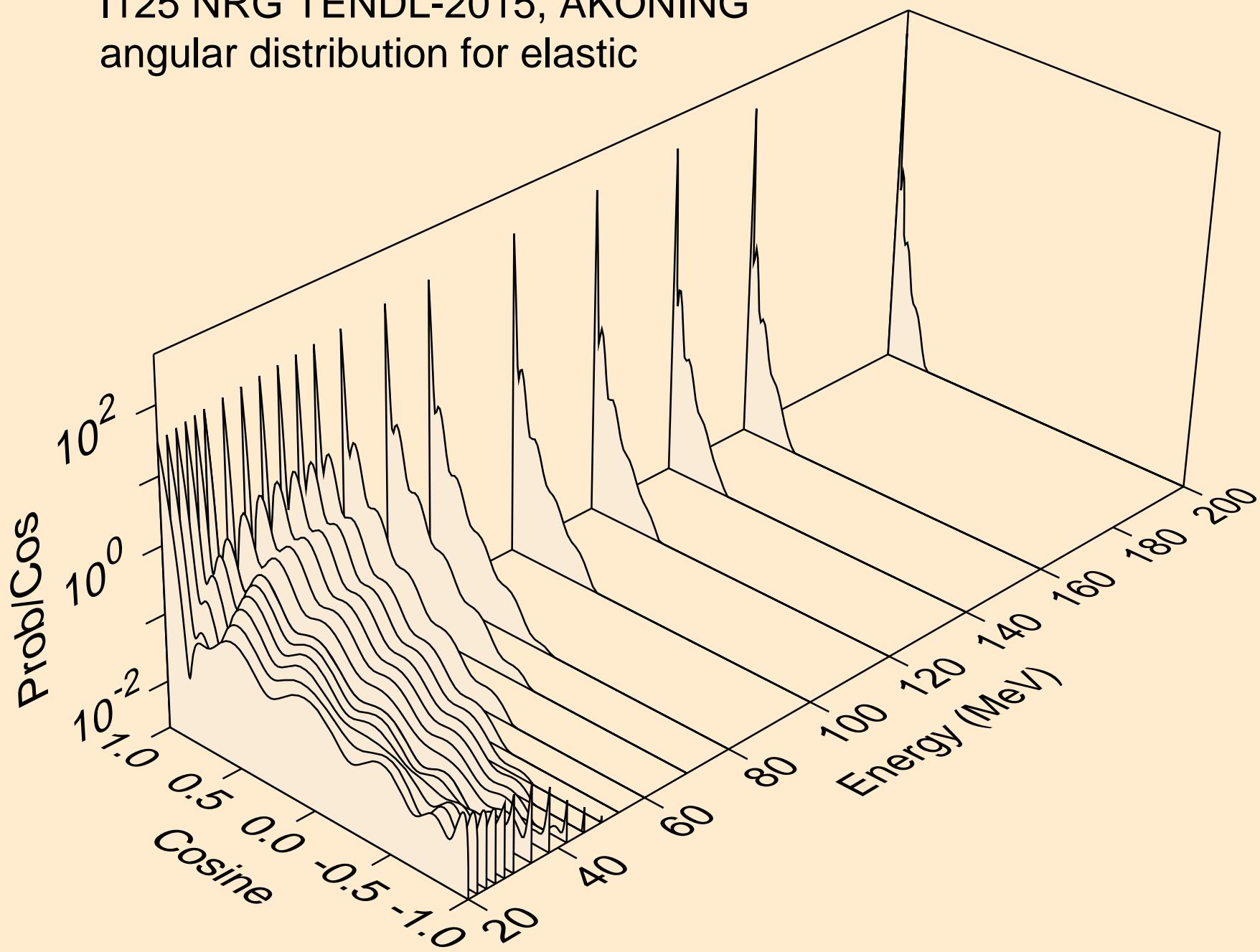
## Threshold reactions



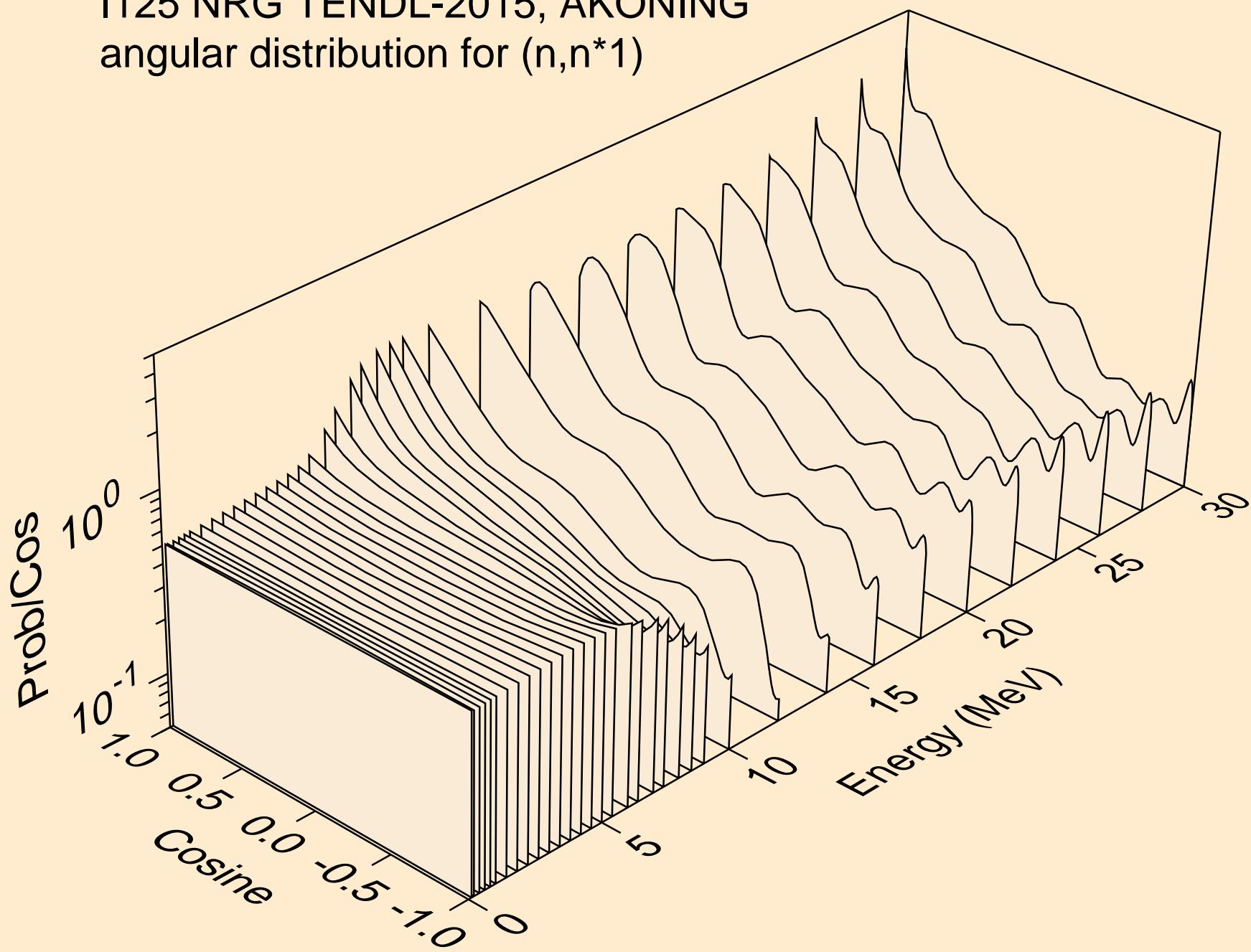
I125 NRG TENDL-2015, AKONING  
angular distribution for elastic



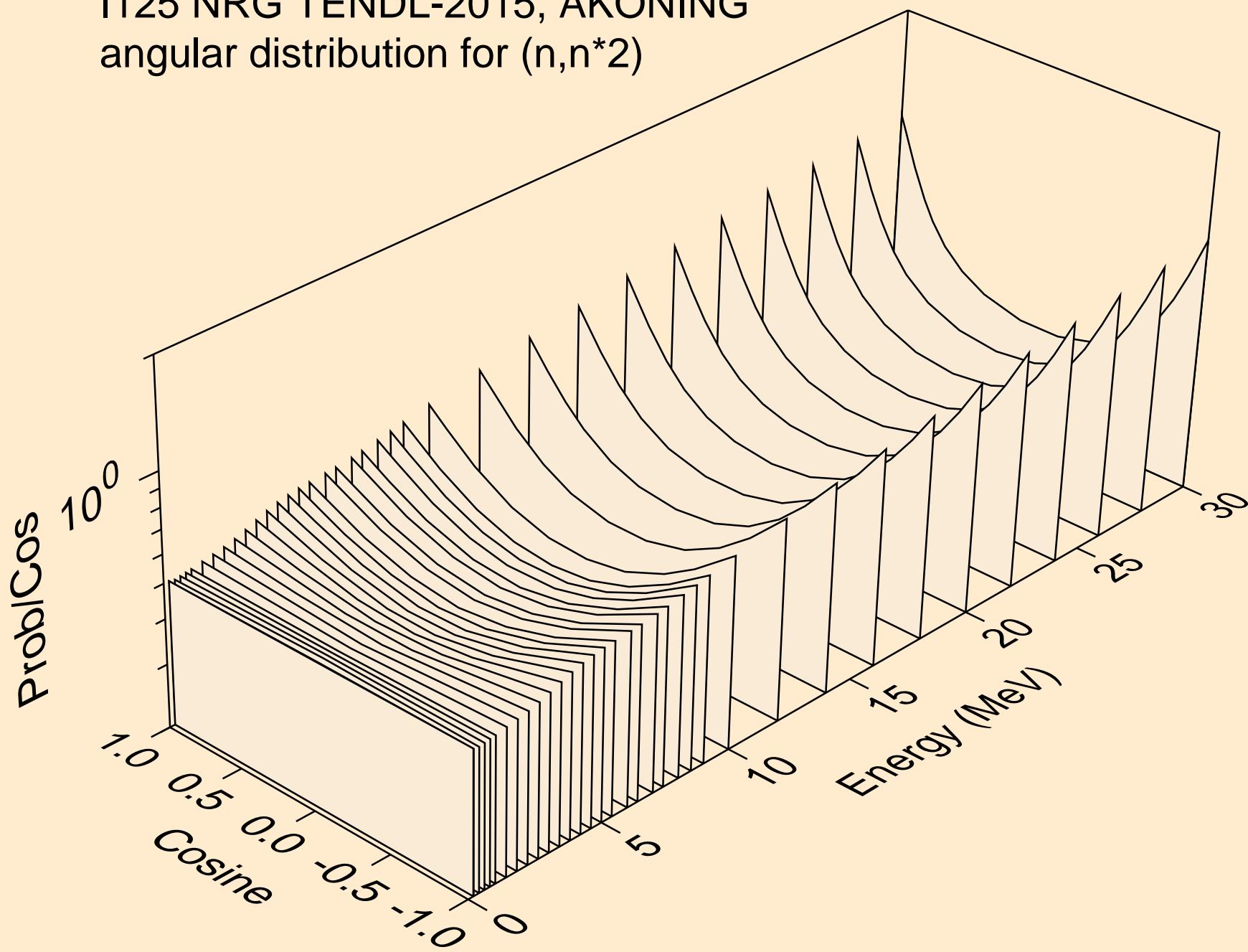
I125 NRG TENDL-2015, AKONING  
angular distribution for elastic



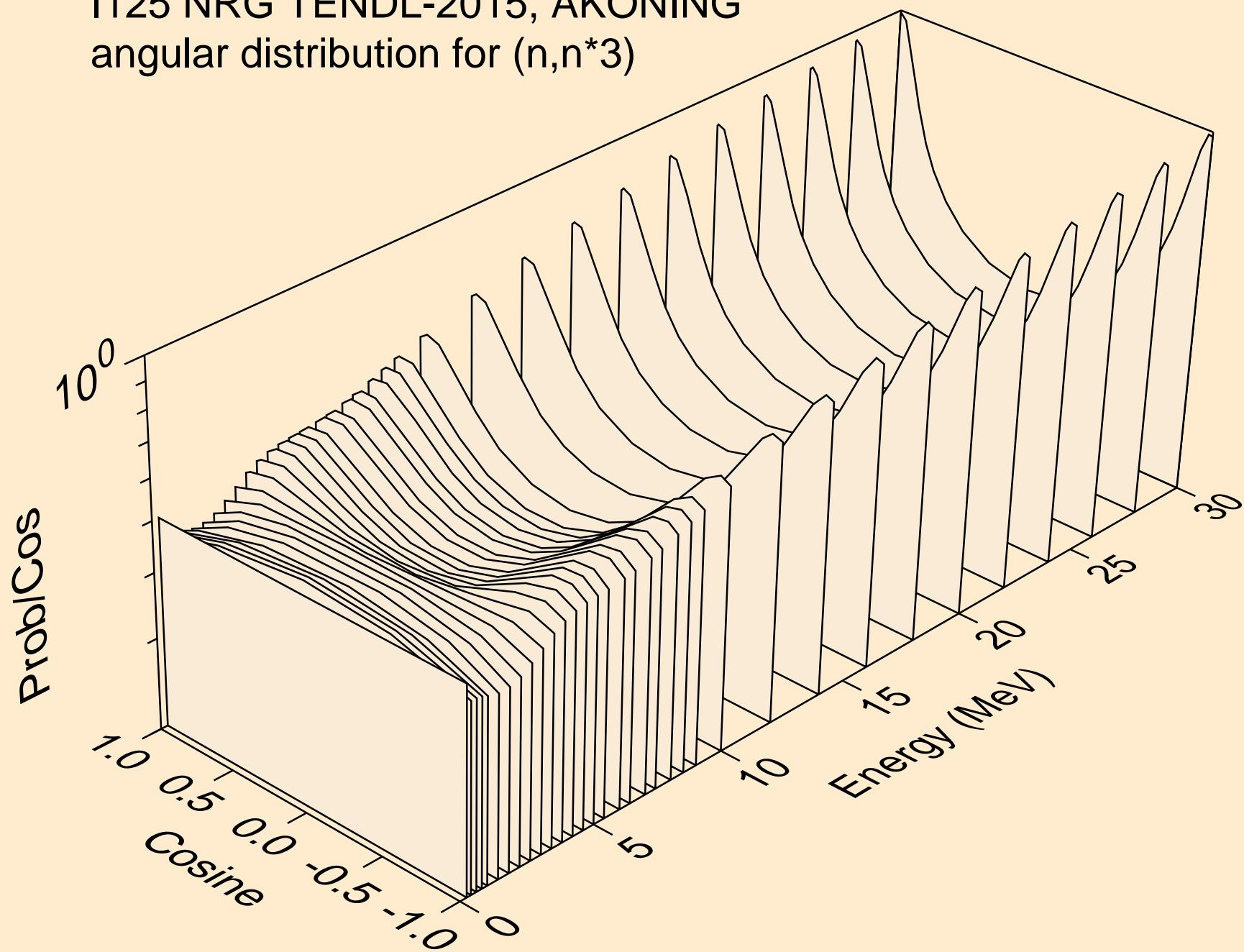
I125 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



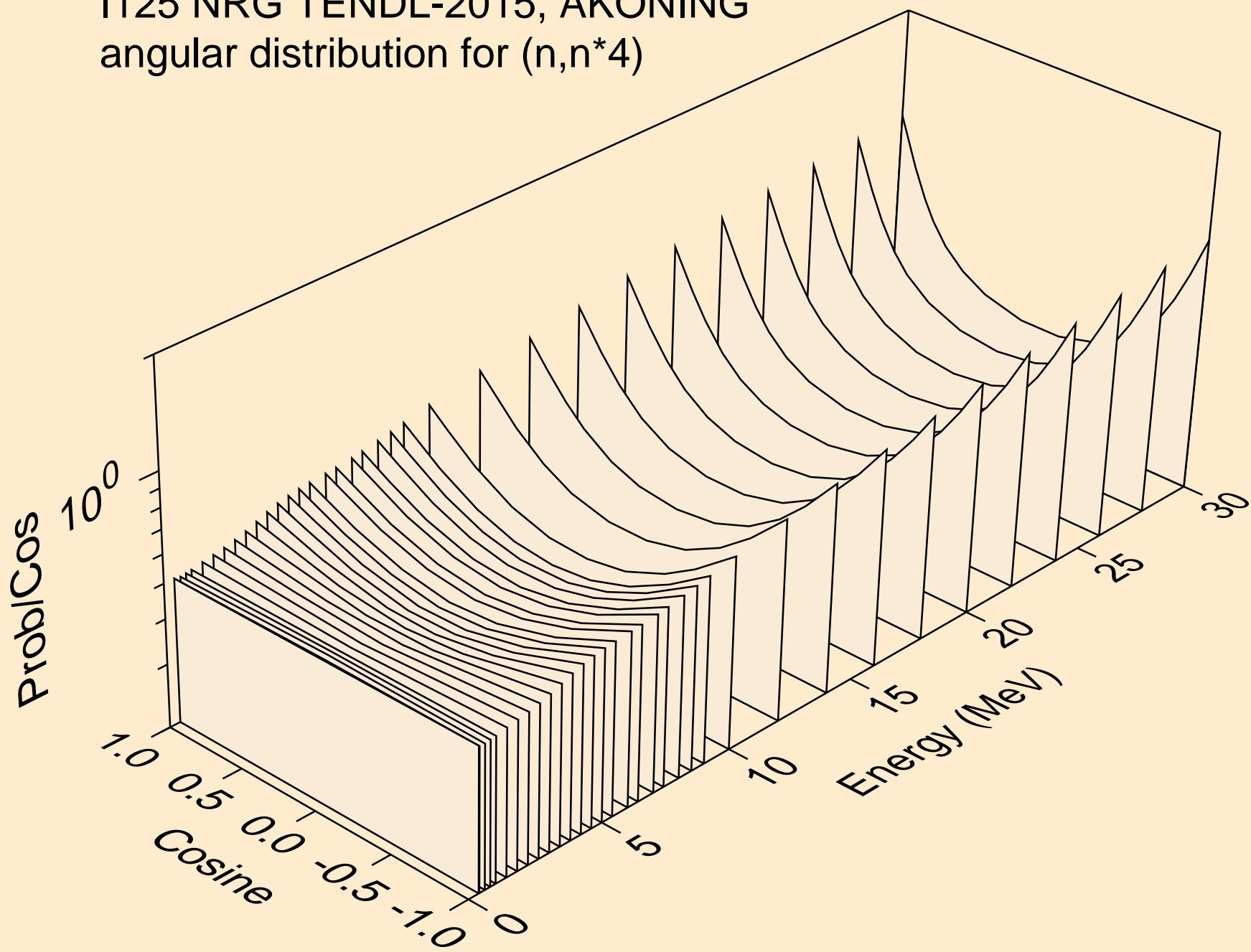
I125 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^2$



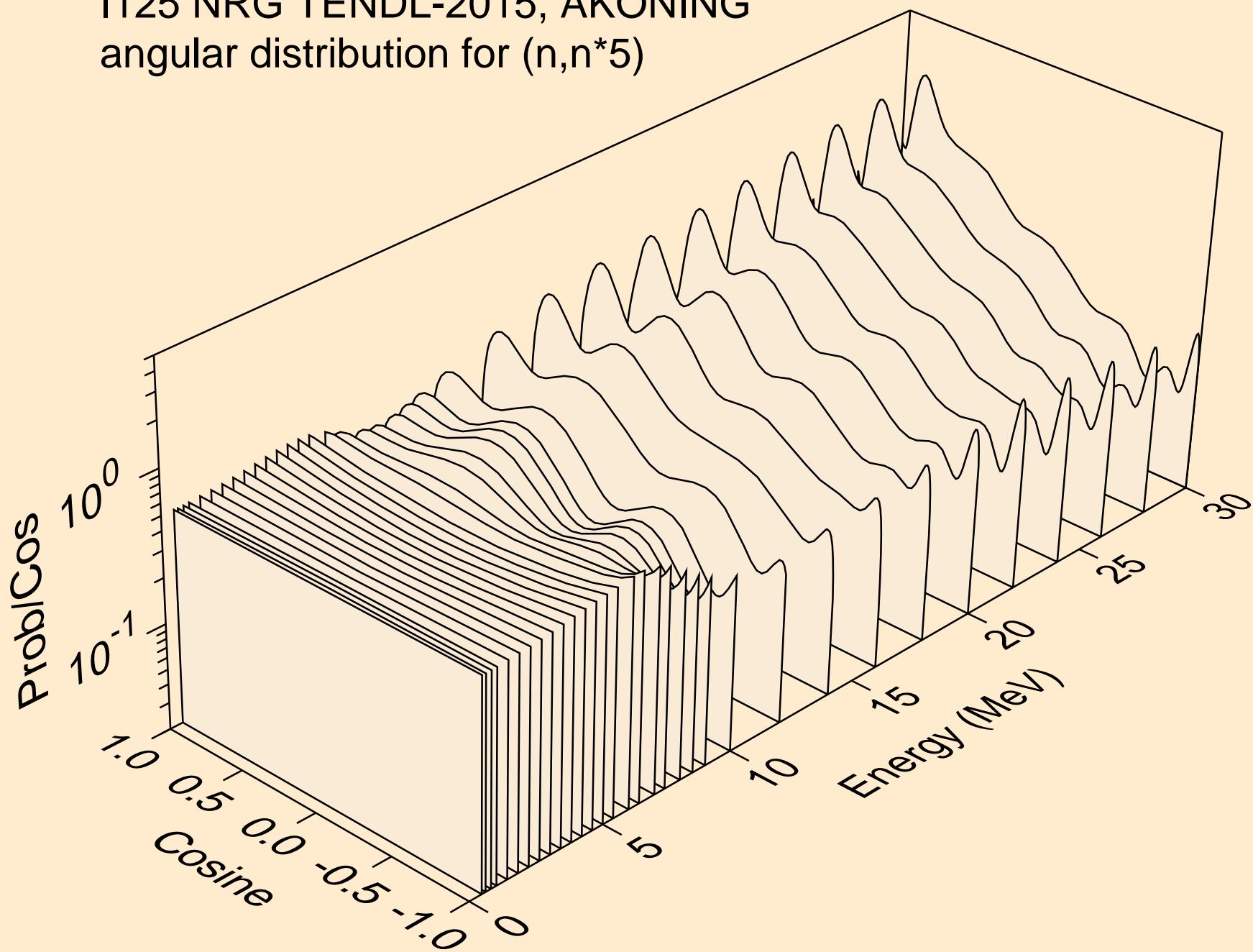
I125 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



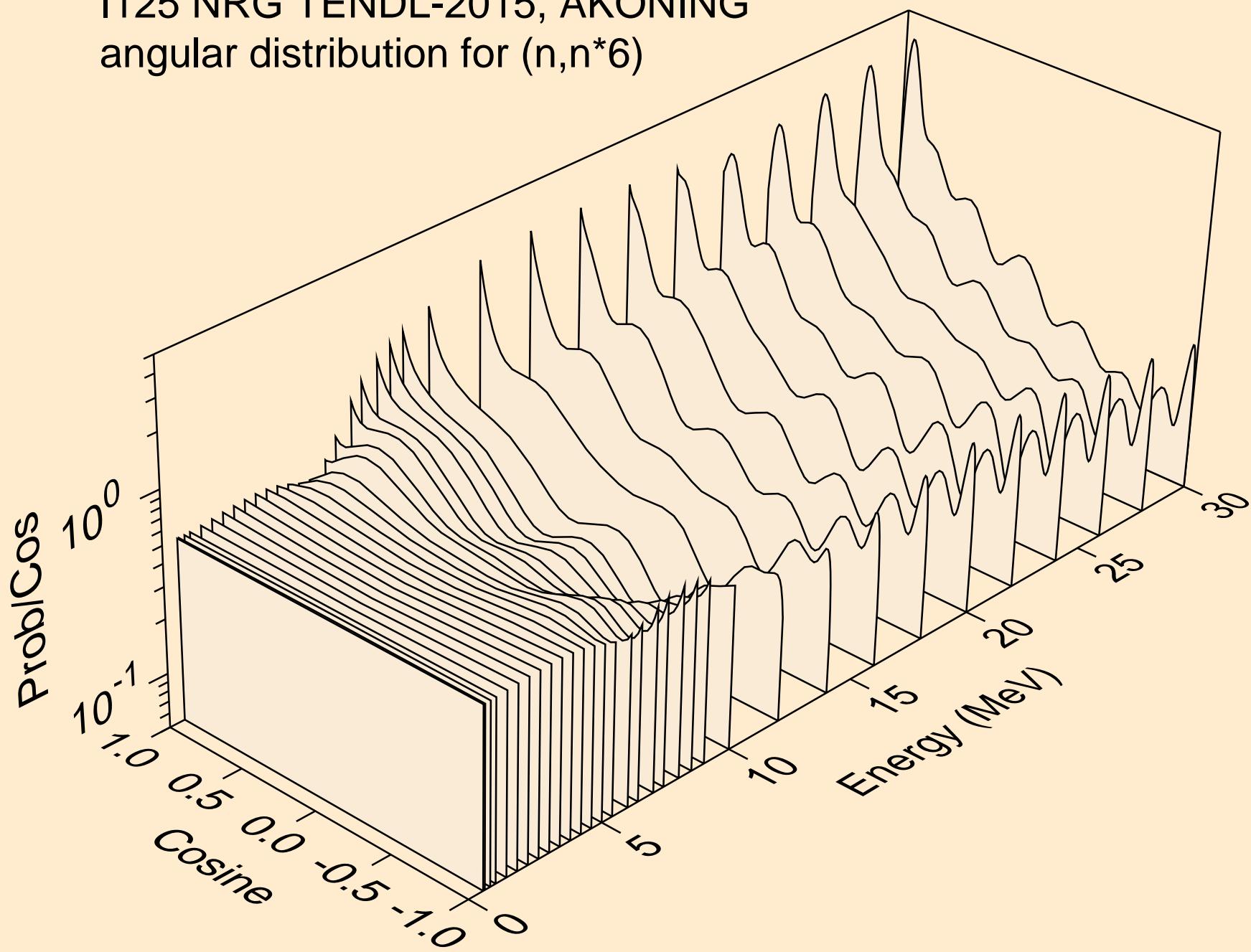
I125 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



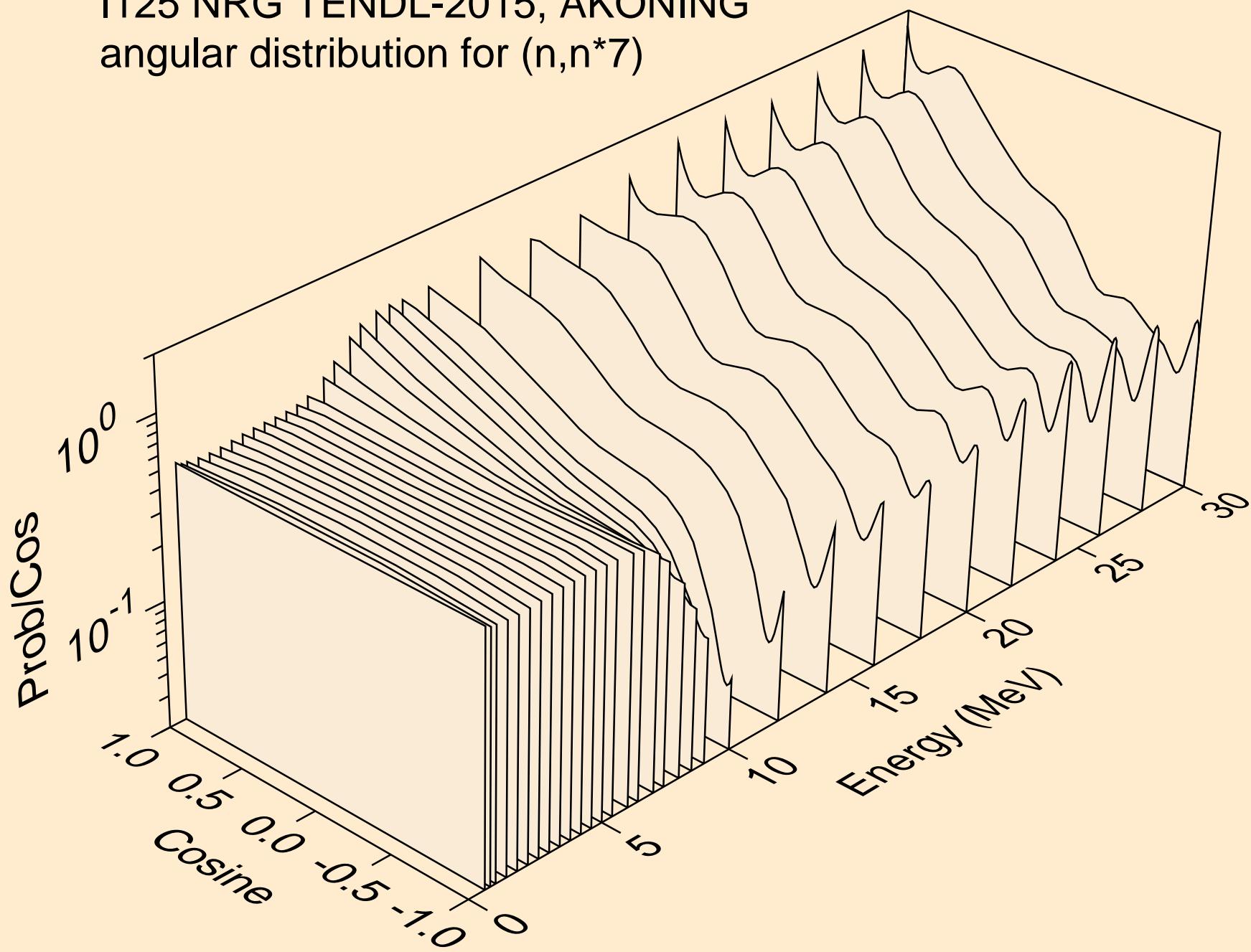
I125 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



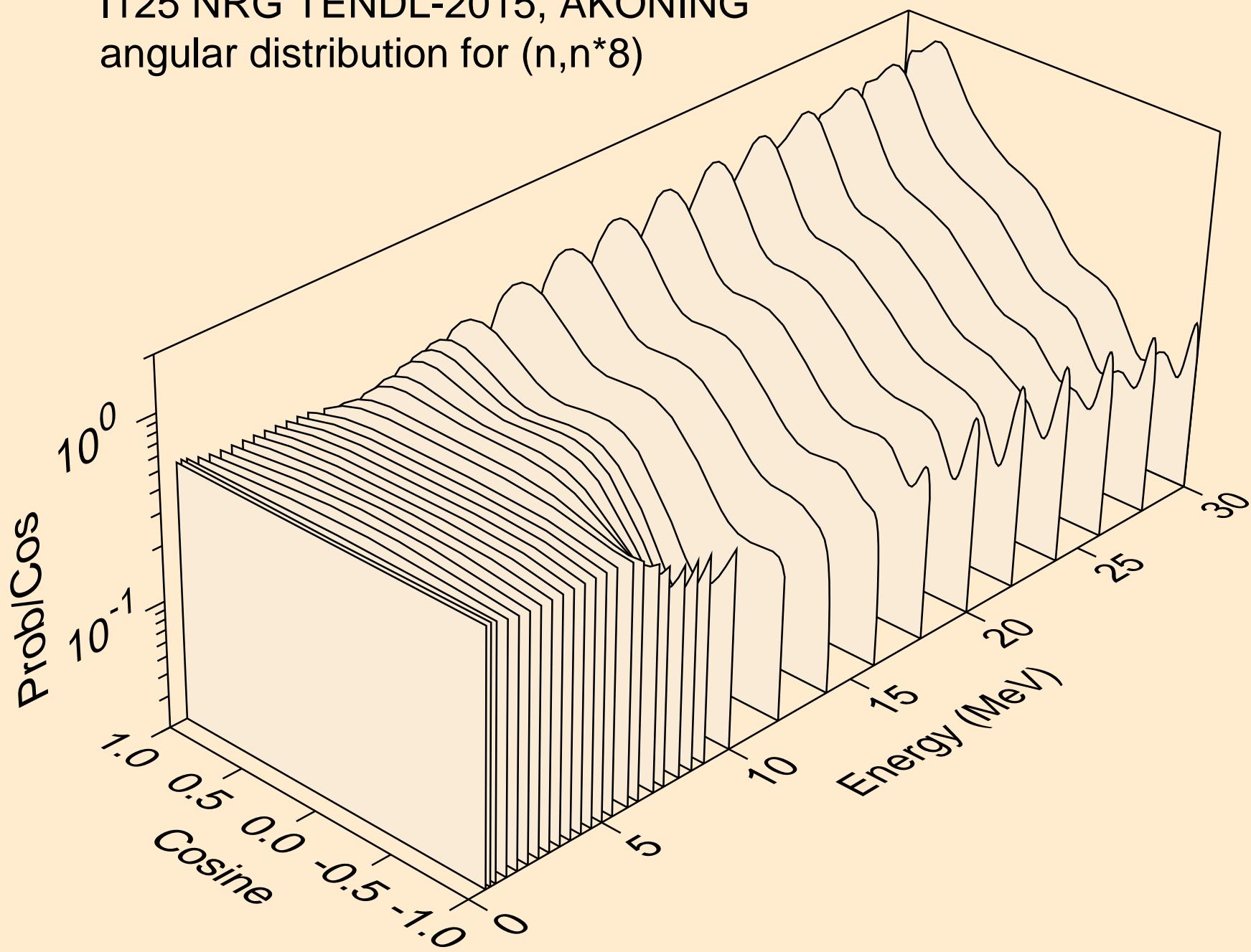
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angular distribution for (n,n\*6)



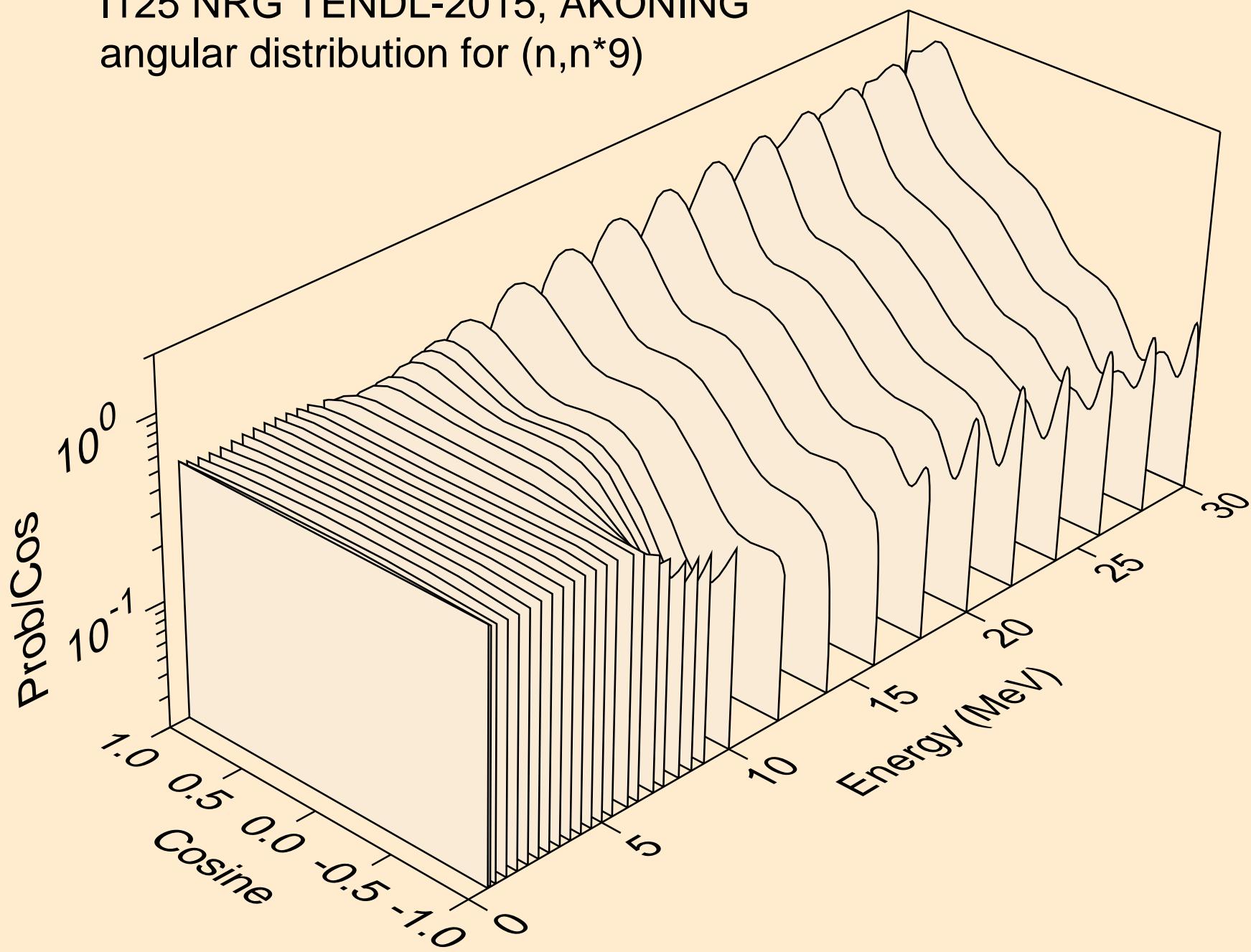
I125 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



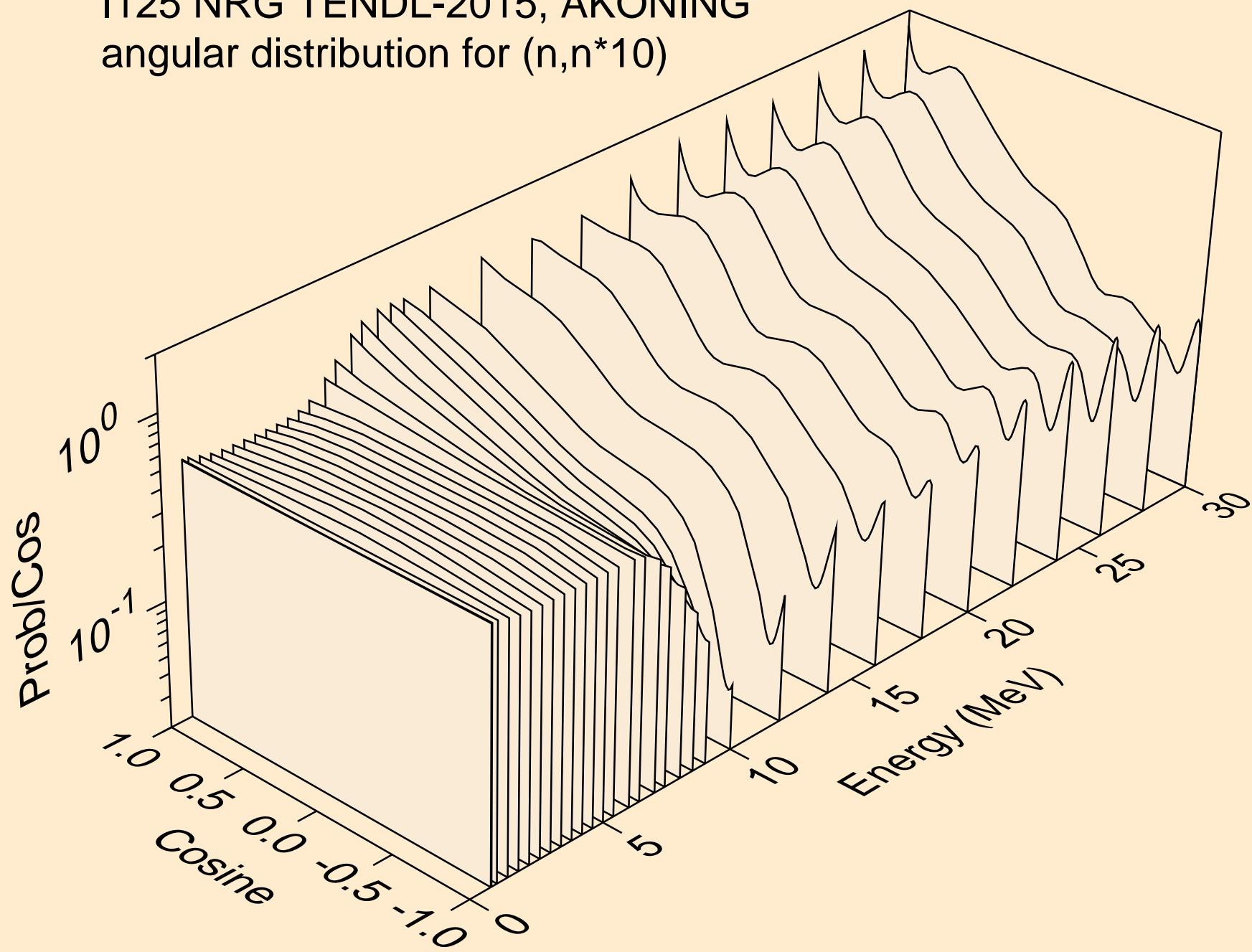
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angular distribution for  $(n,n^*)^8$



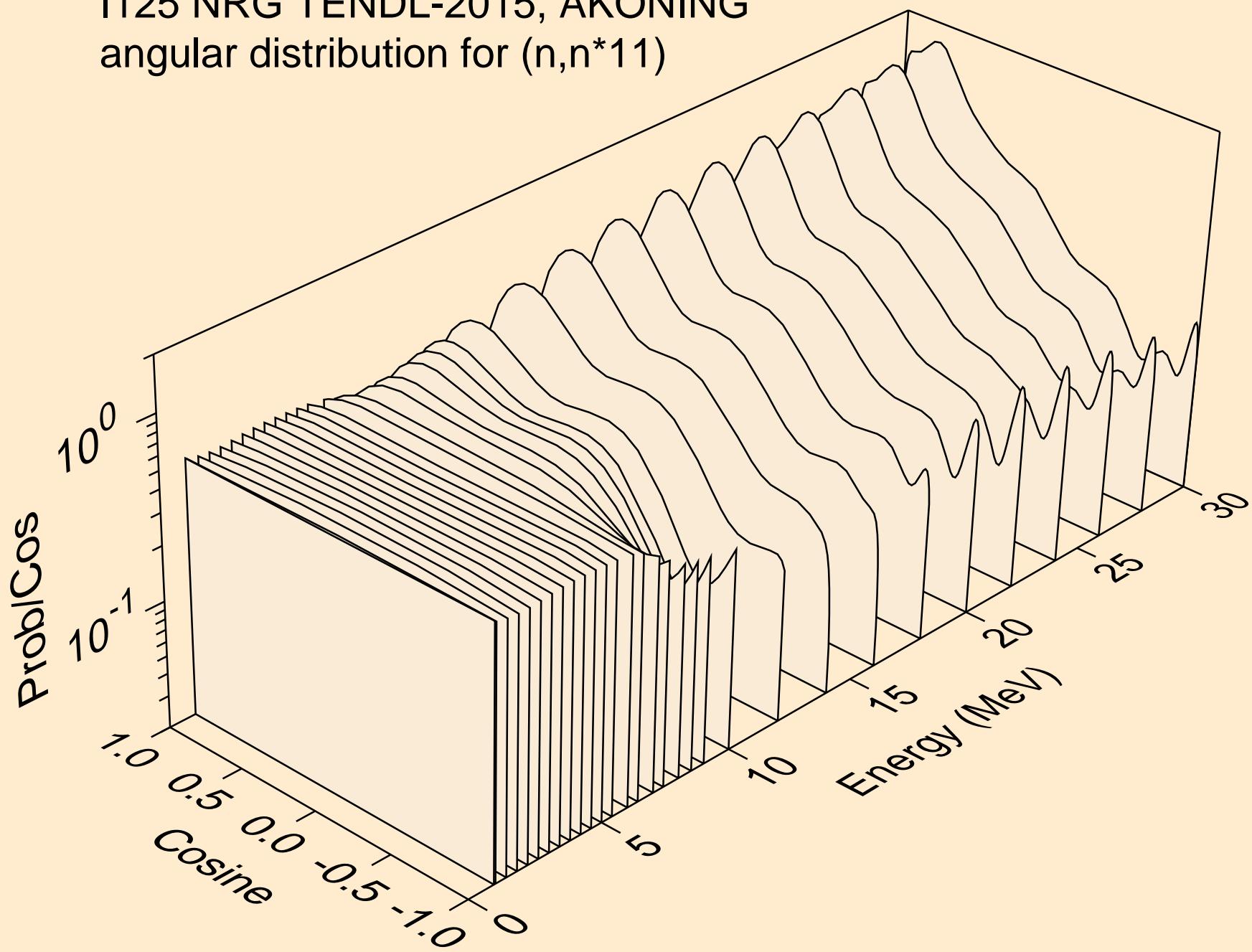
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angular distribution for (n,n\*9)



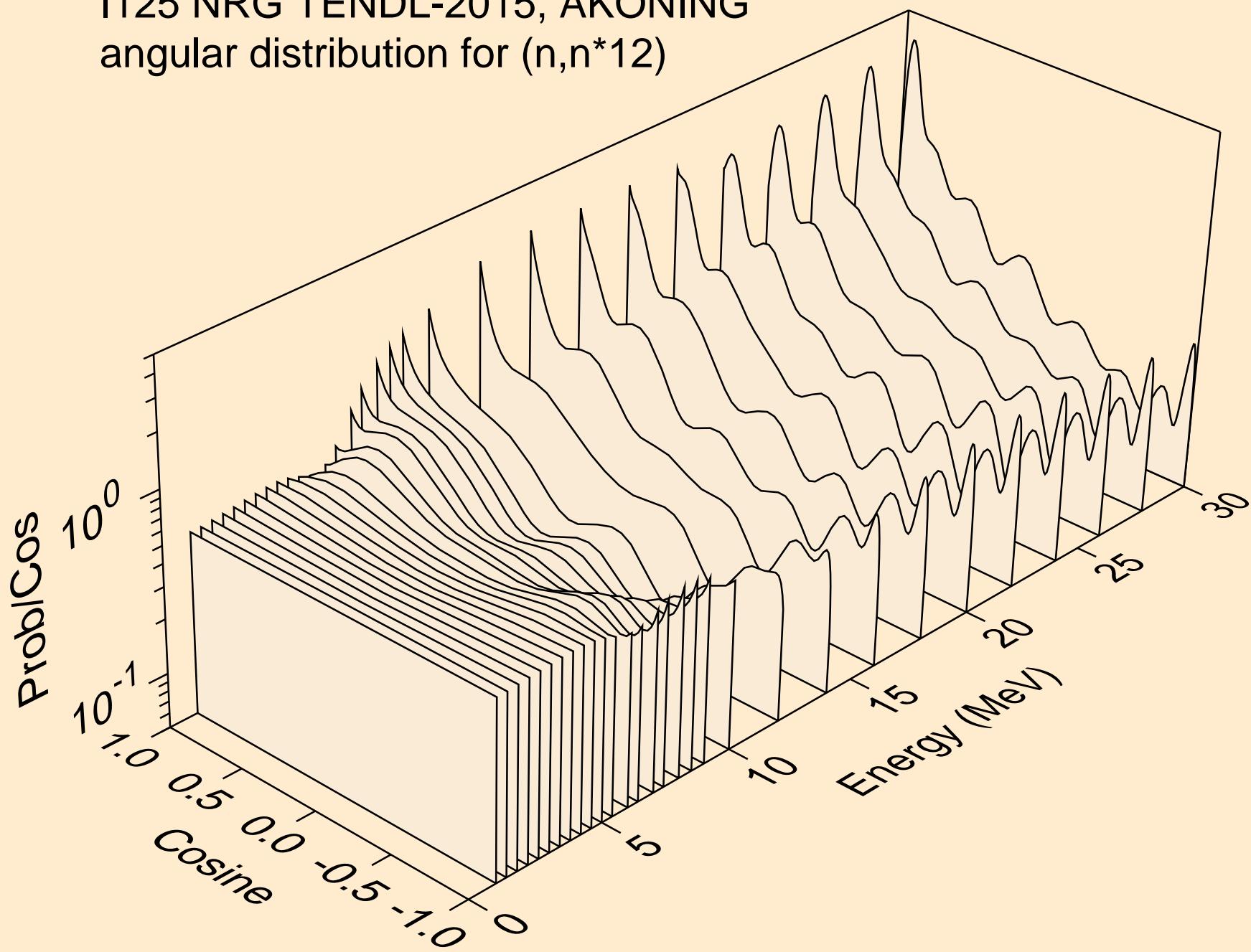
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angular distribution for (n,n\*10)



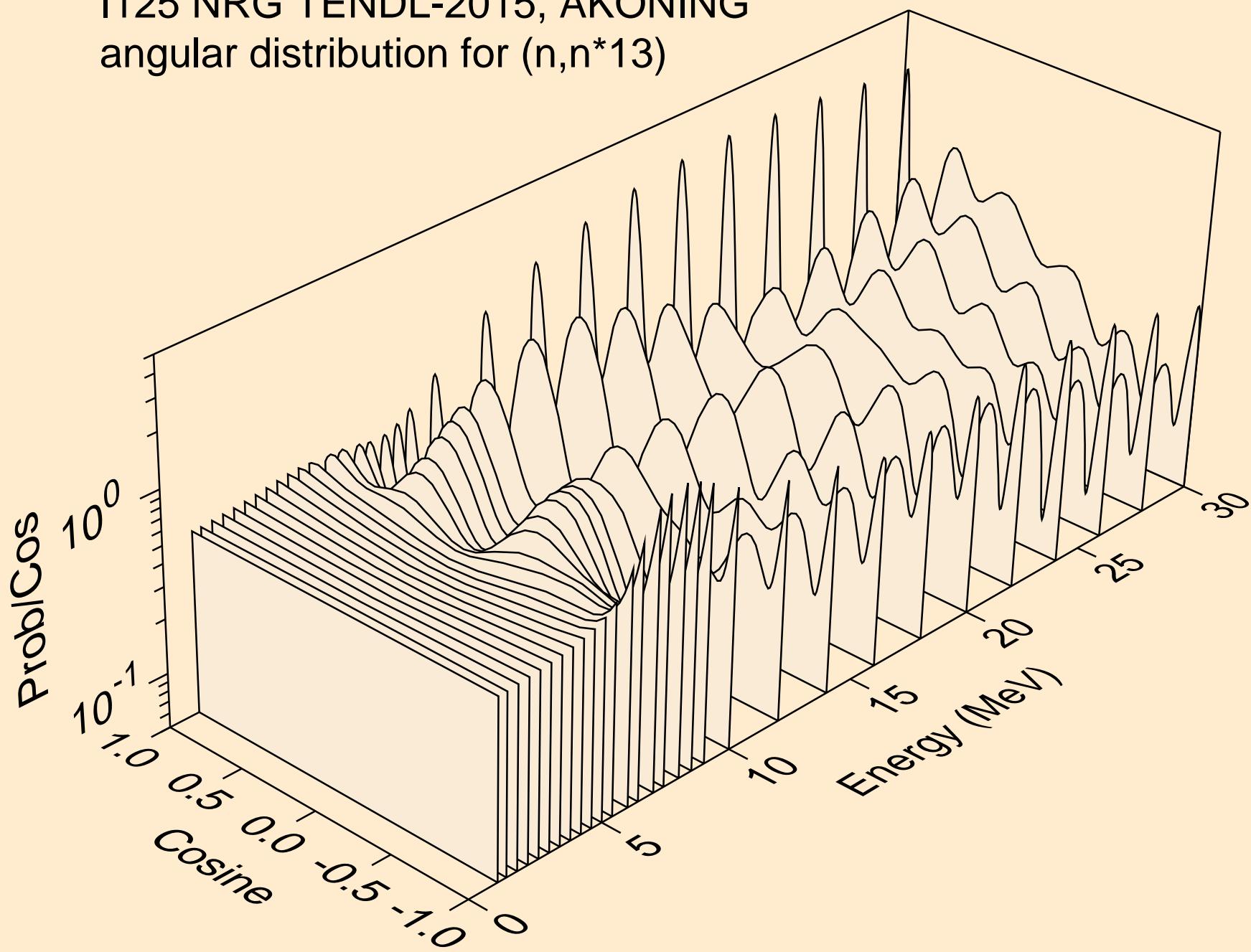
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angular distribution for (n,n\*11)



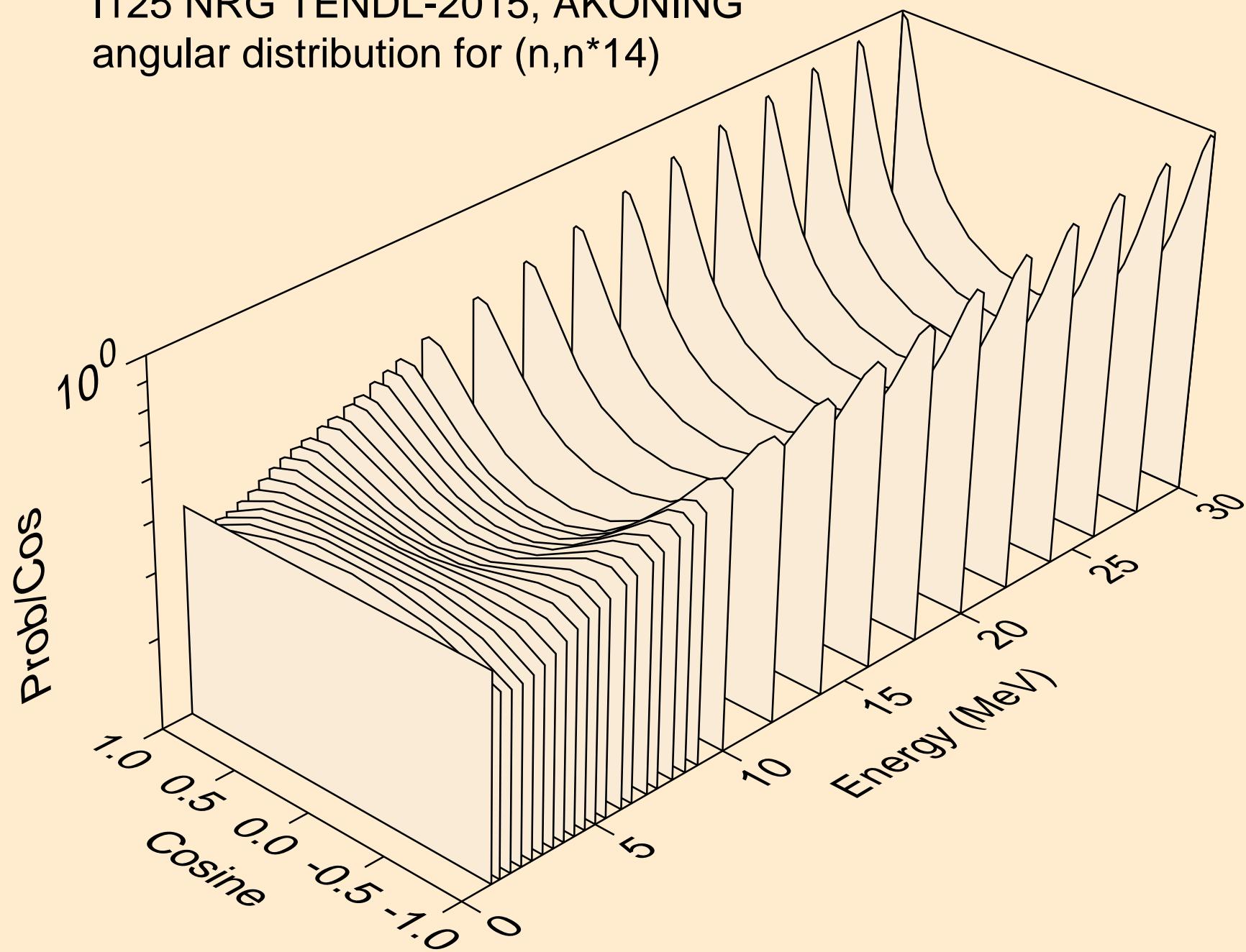
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angular distribution for (n,n\*12)



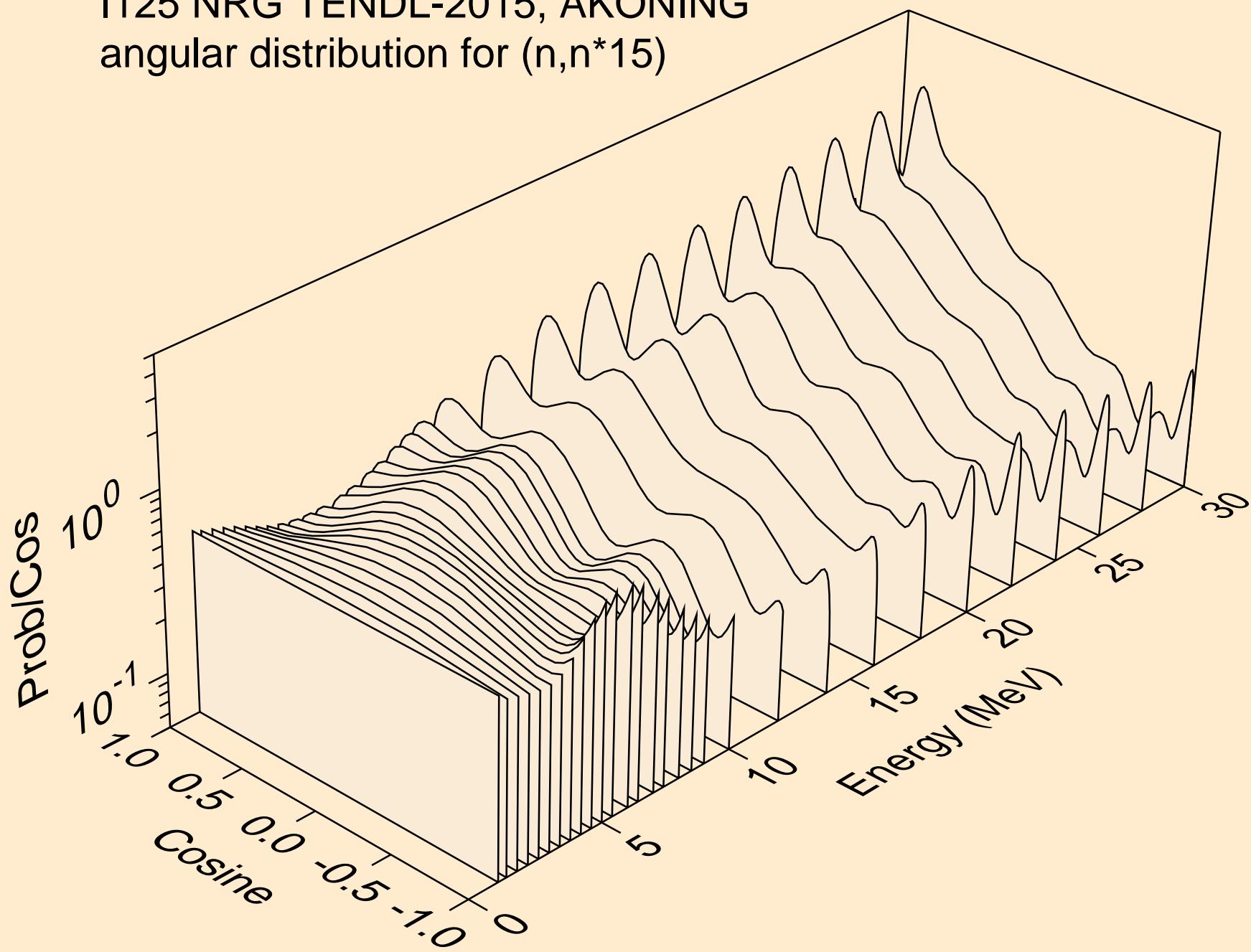
$\text{I}^{125}\text{NRG TENDL-2015, AKONING}$   
angular distribution for  $(n,n^*13)$



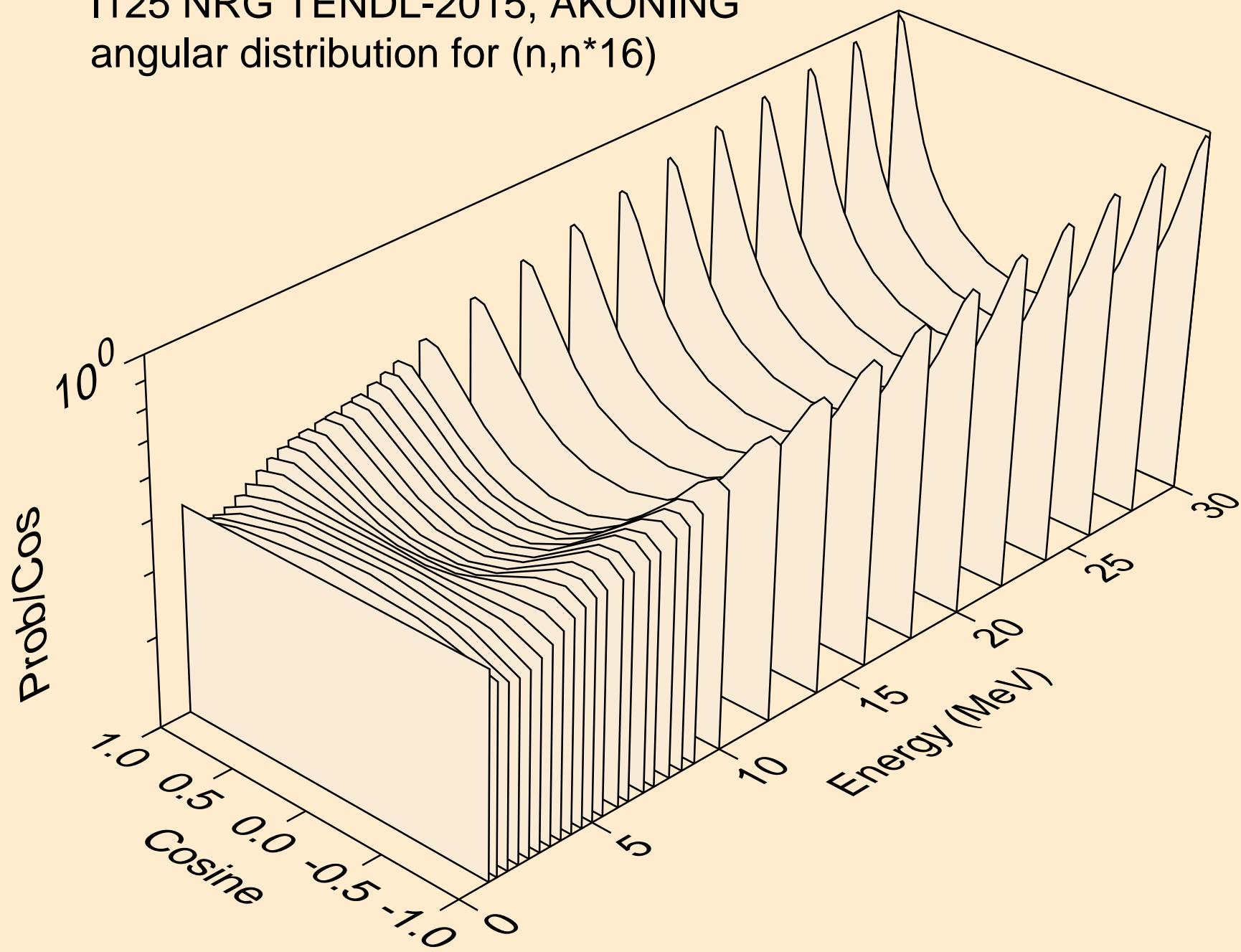
I125 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*14$ )



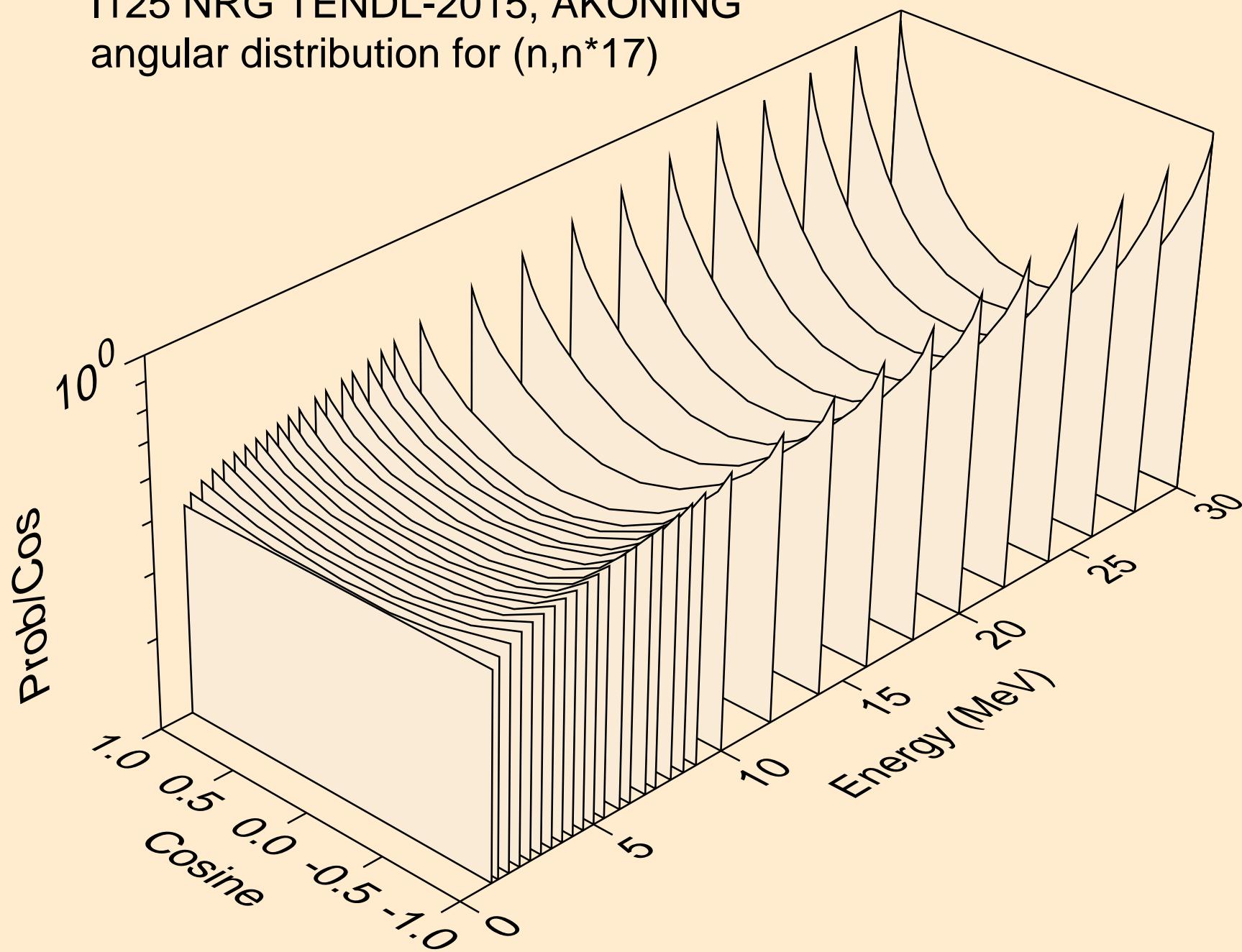
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angular distribution for ( $n,n^*15$ )



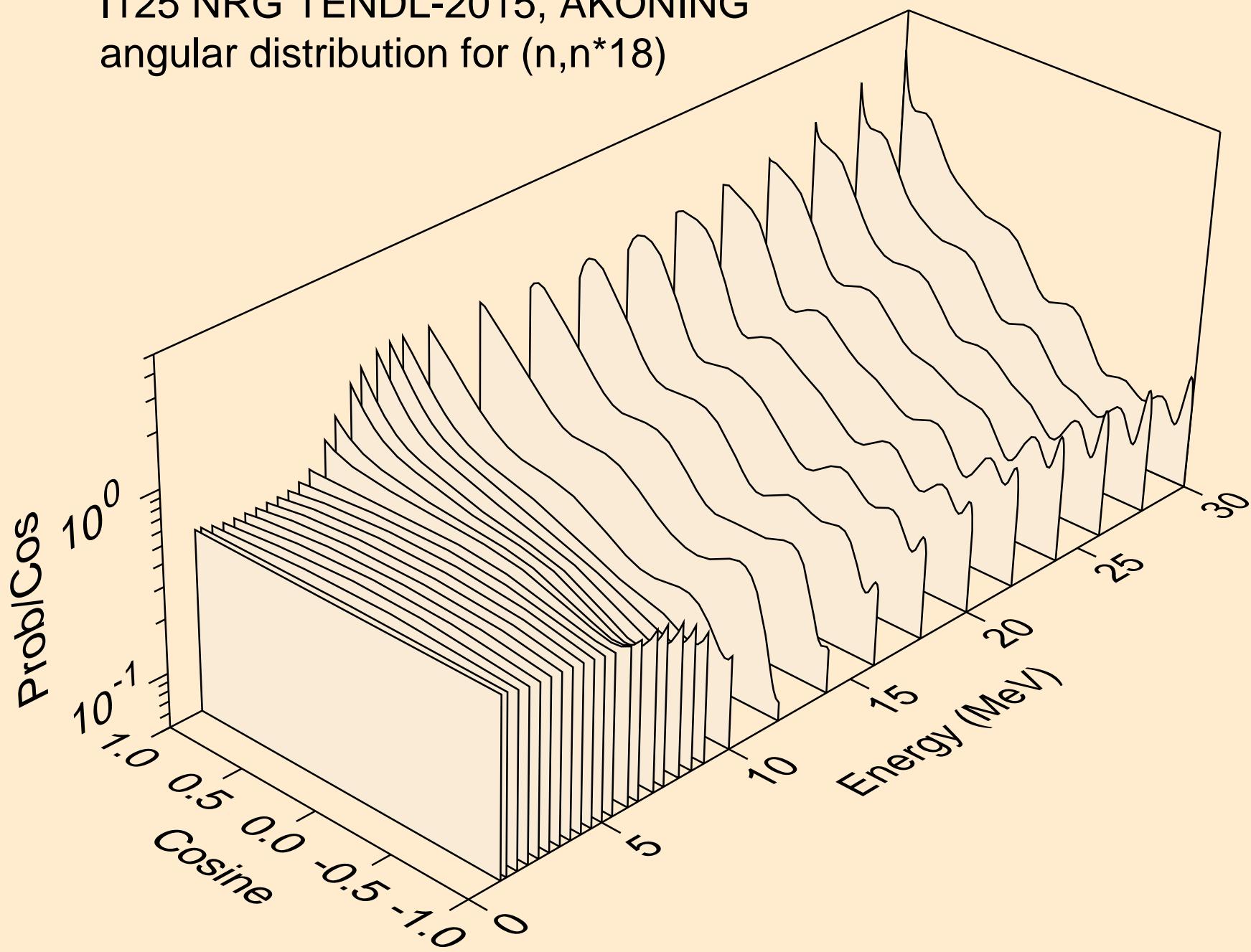
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angular distribution for (n,n\*16)



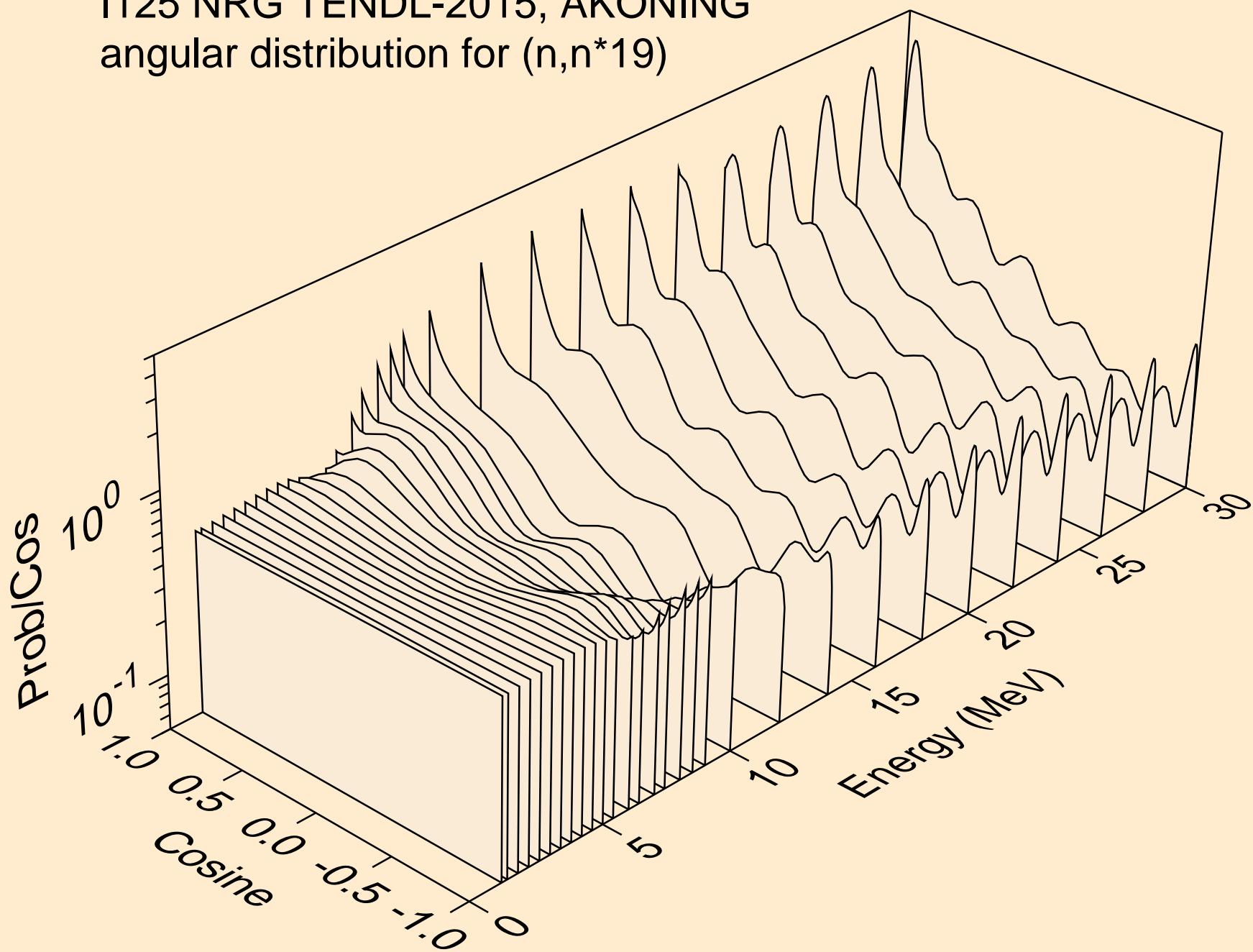
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angular distribution for (n,n\*17)



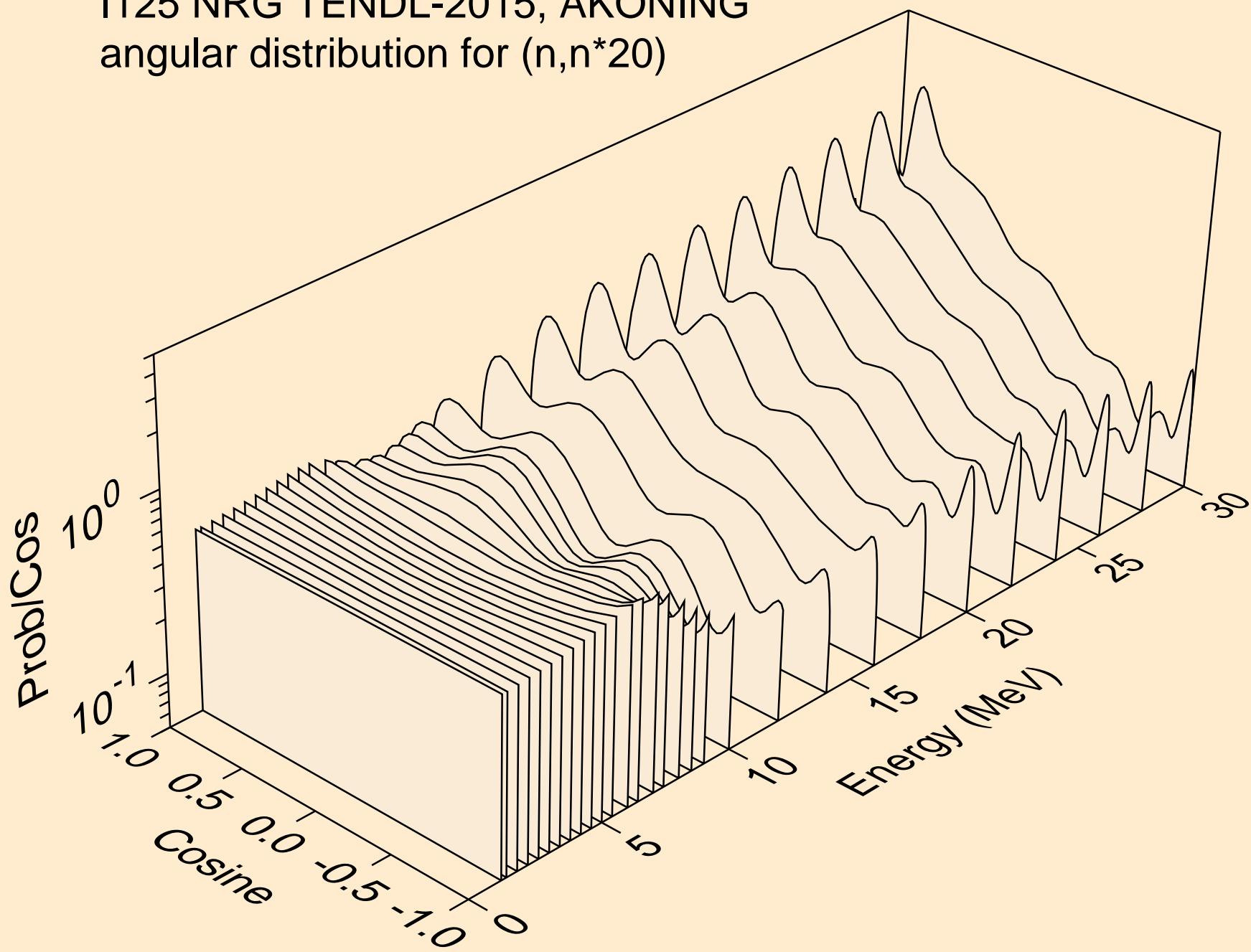
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angular distribution for (n,n\*18)



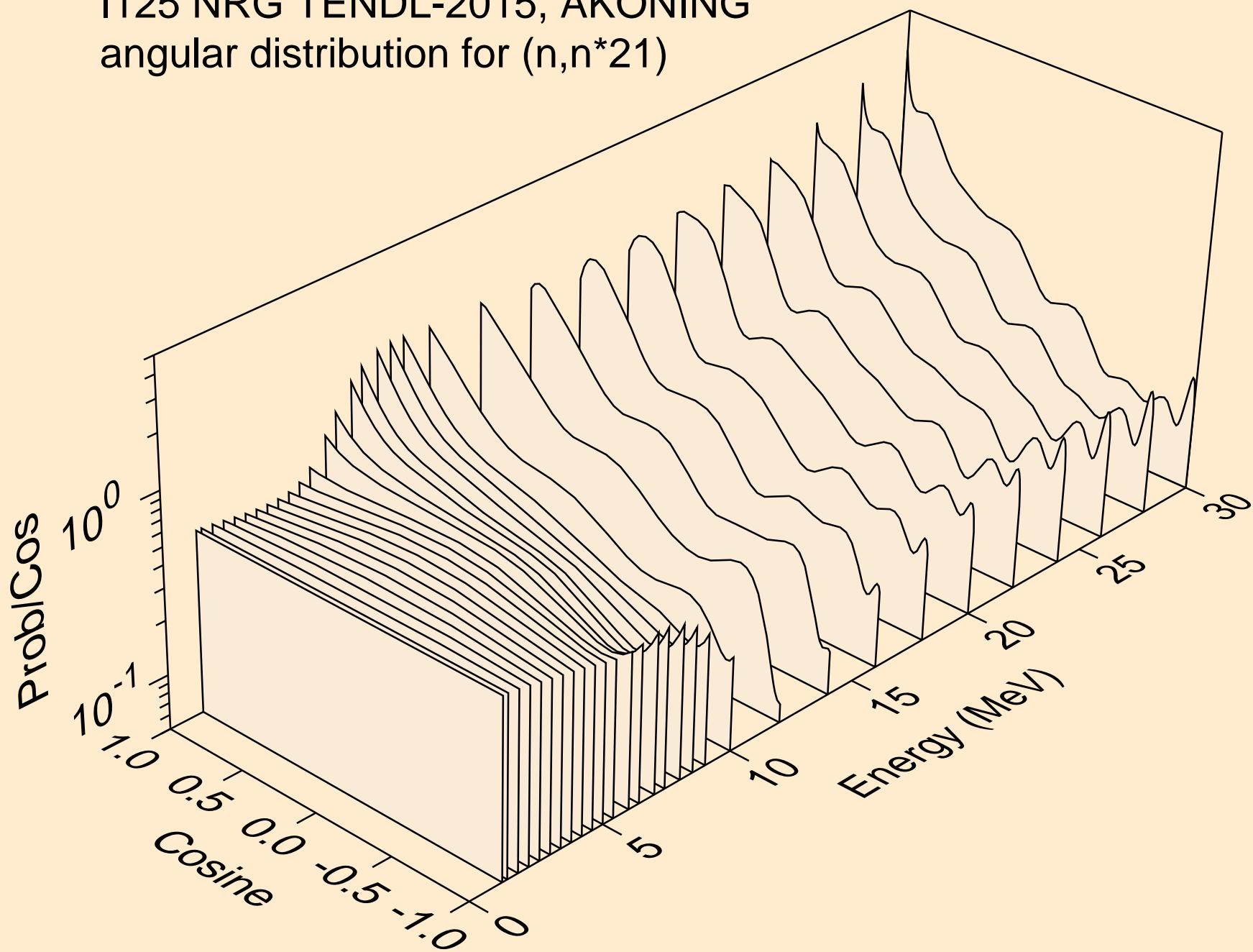
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angular distribution for (n,n\*19)



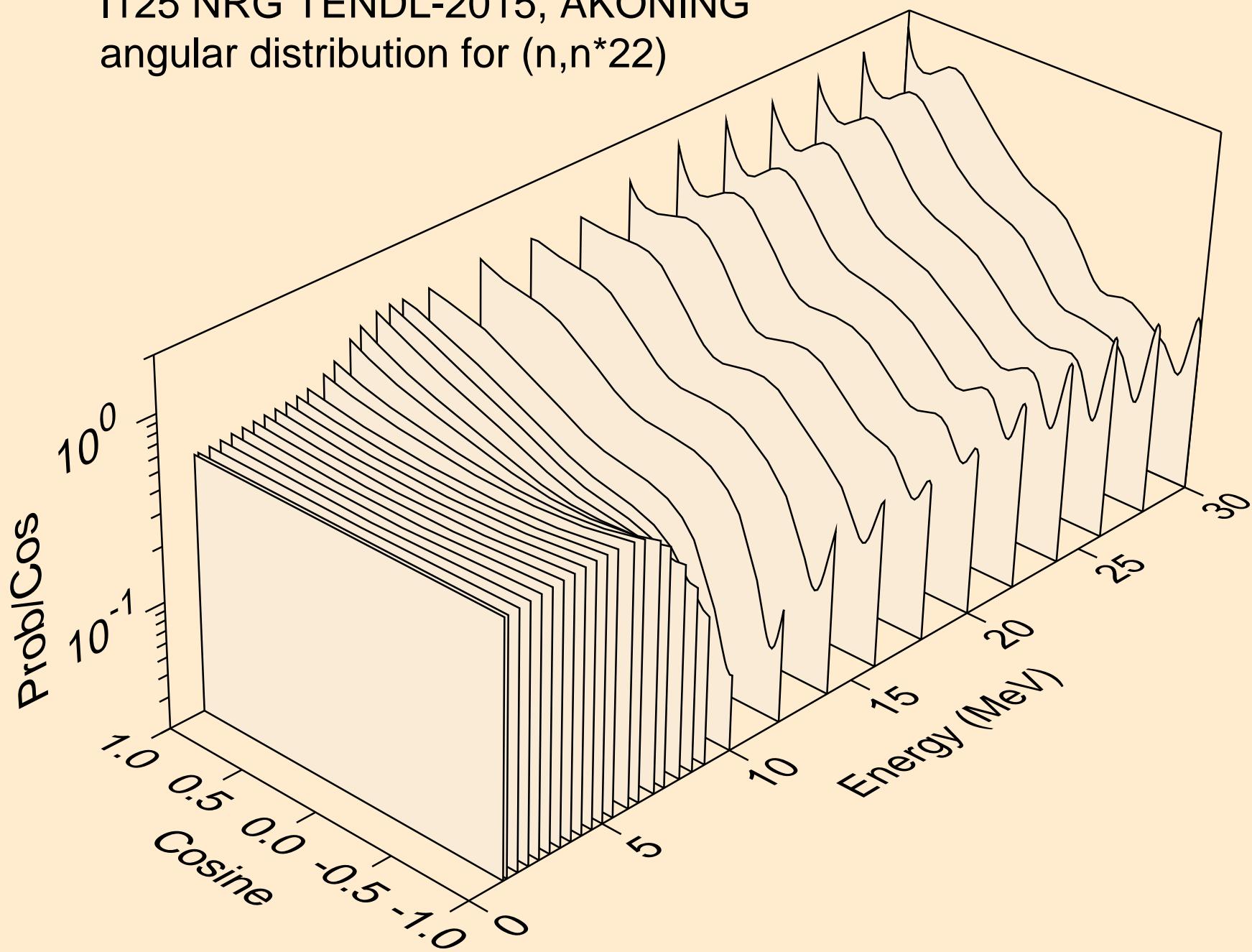
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angular distribution for ( $n,n^*$ )20



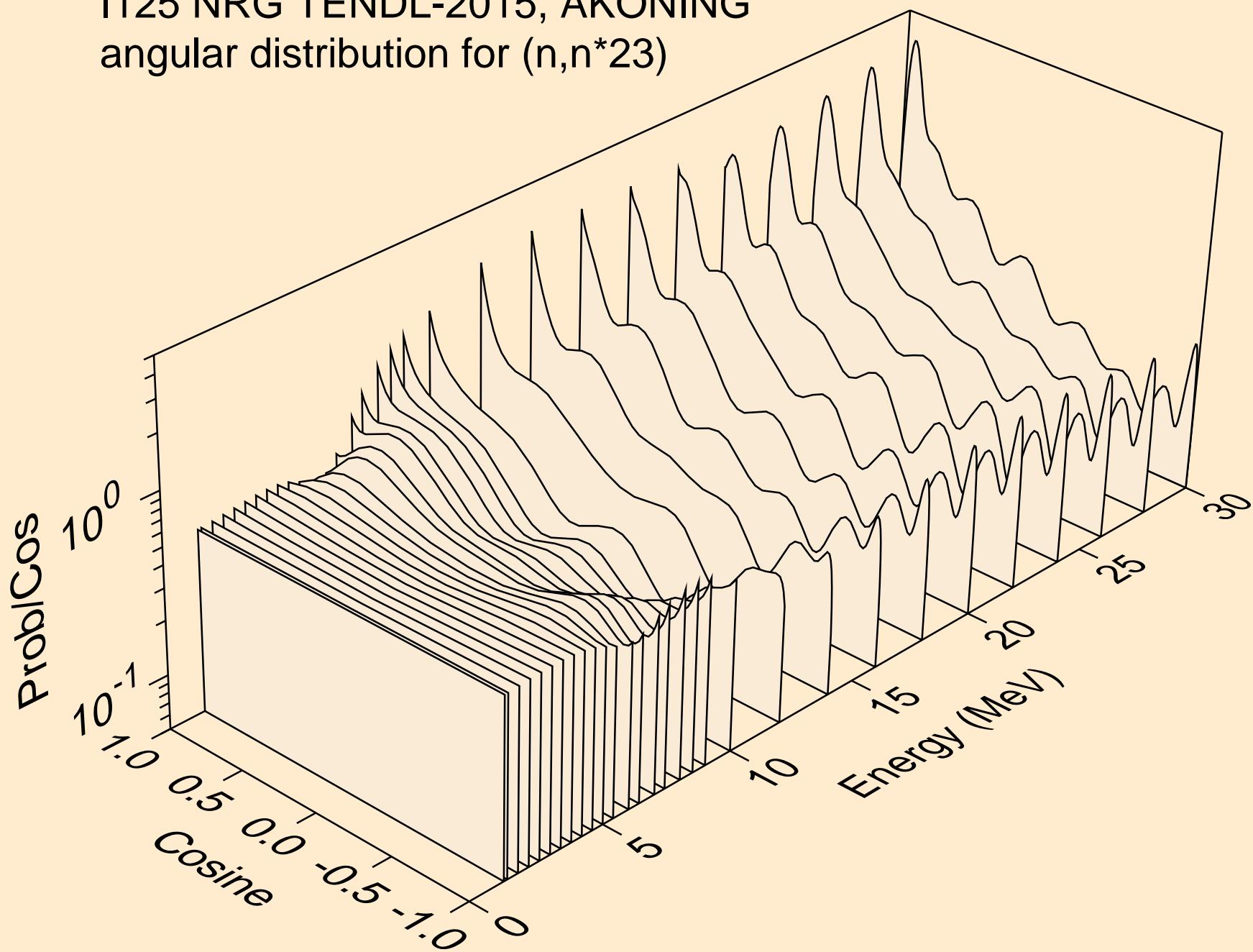
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angular distribution for ( $n,n^*21$ )



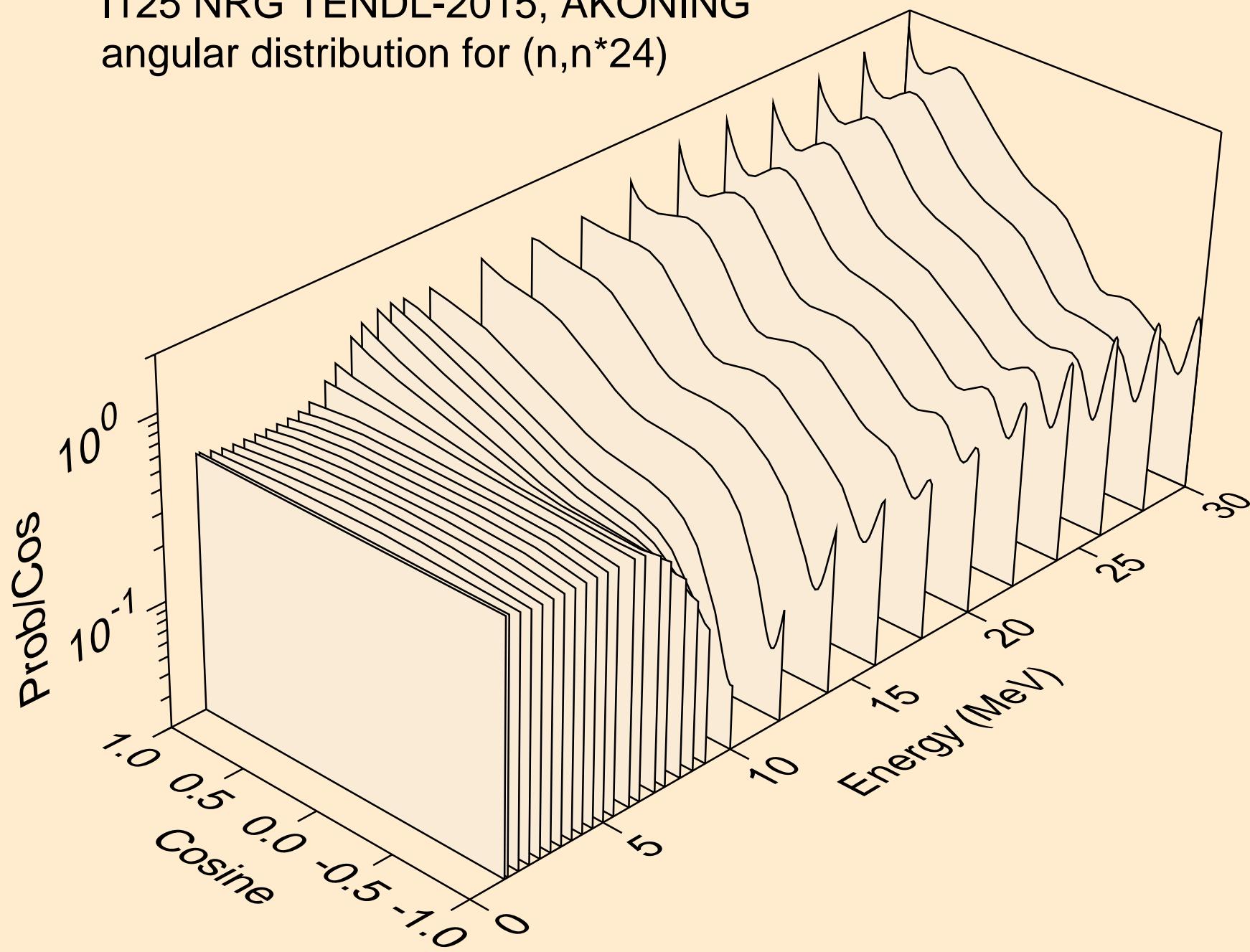
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angular distribution for ( $n,n^*$ )22)



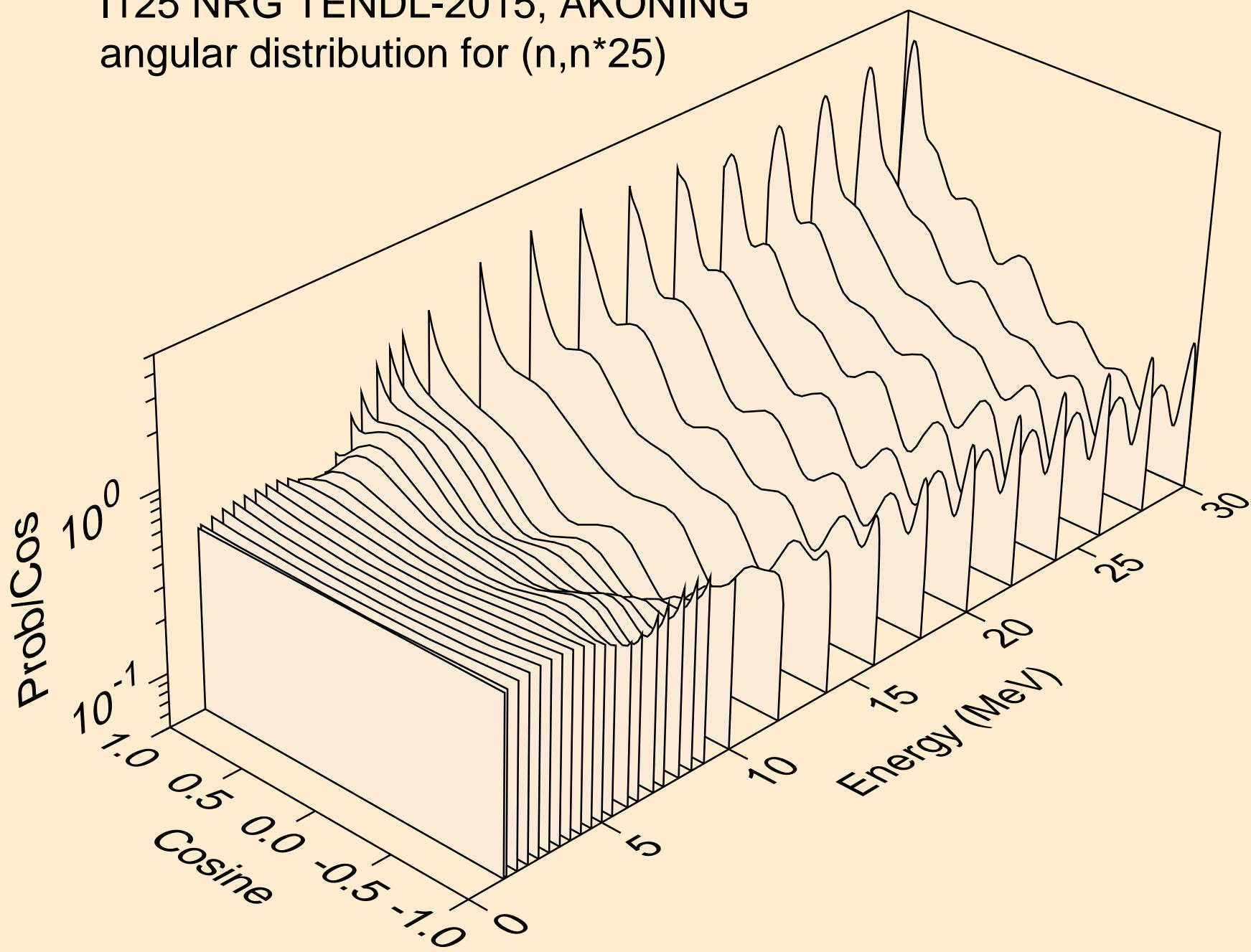
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angular distribution for ( $n,n^*23$ )



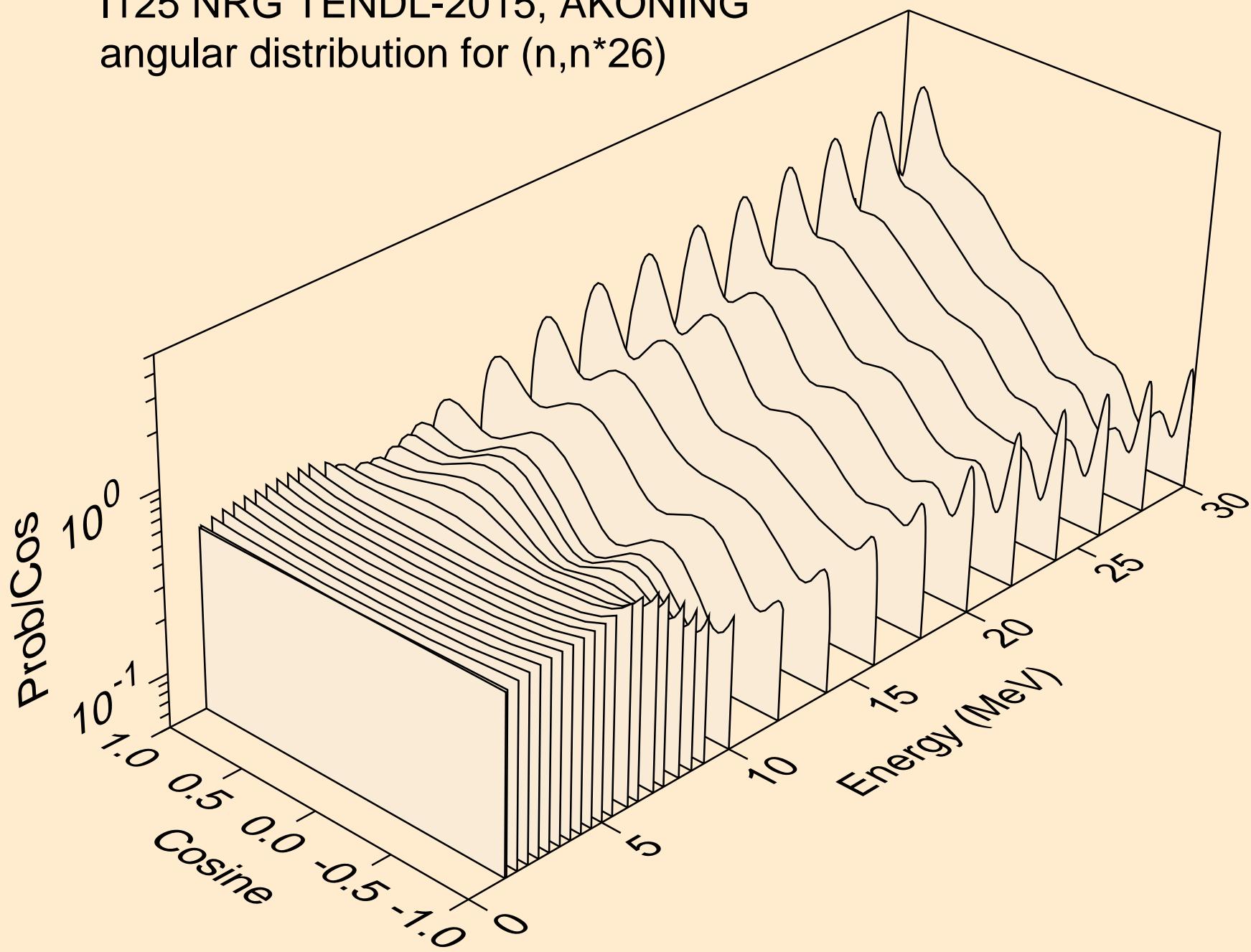
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angular distribution for ( $n,n^*$ )24



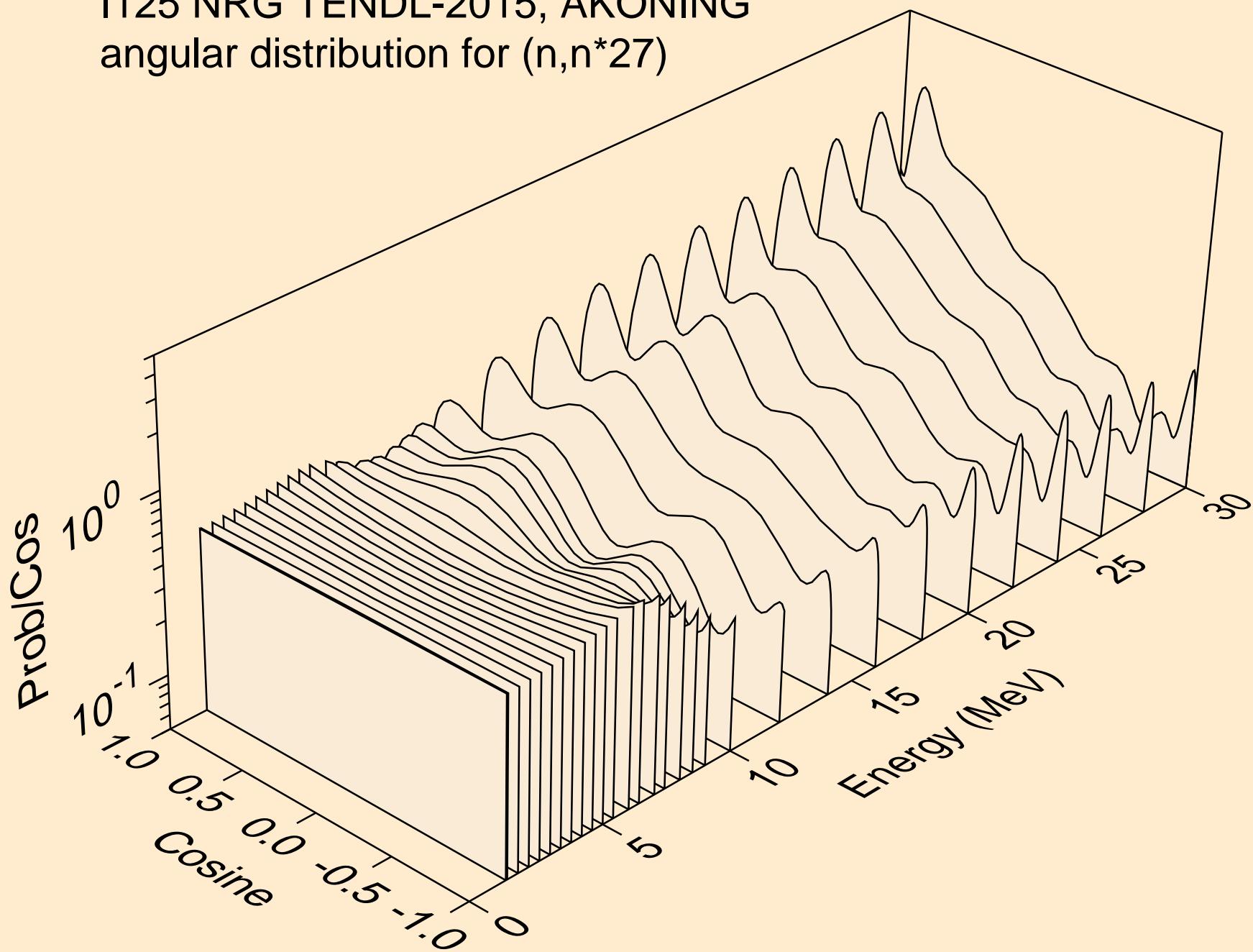
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angular distribution for (n,n\*25)



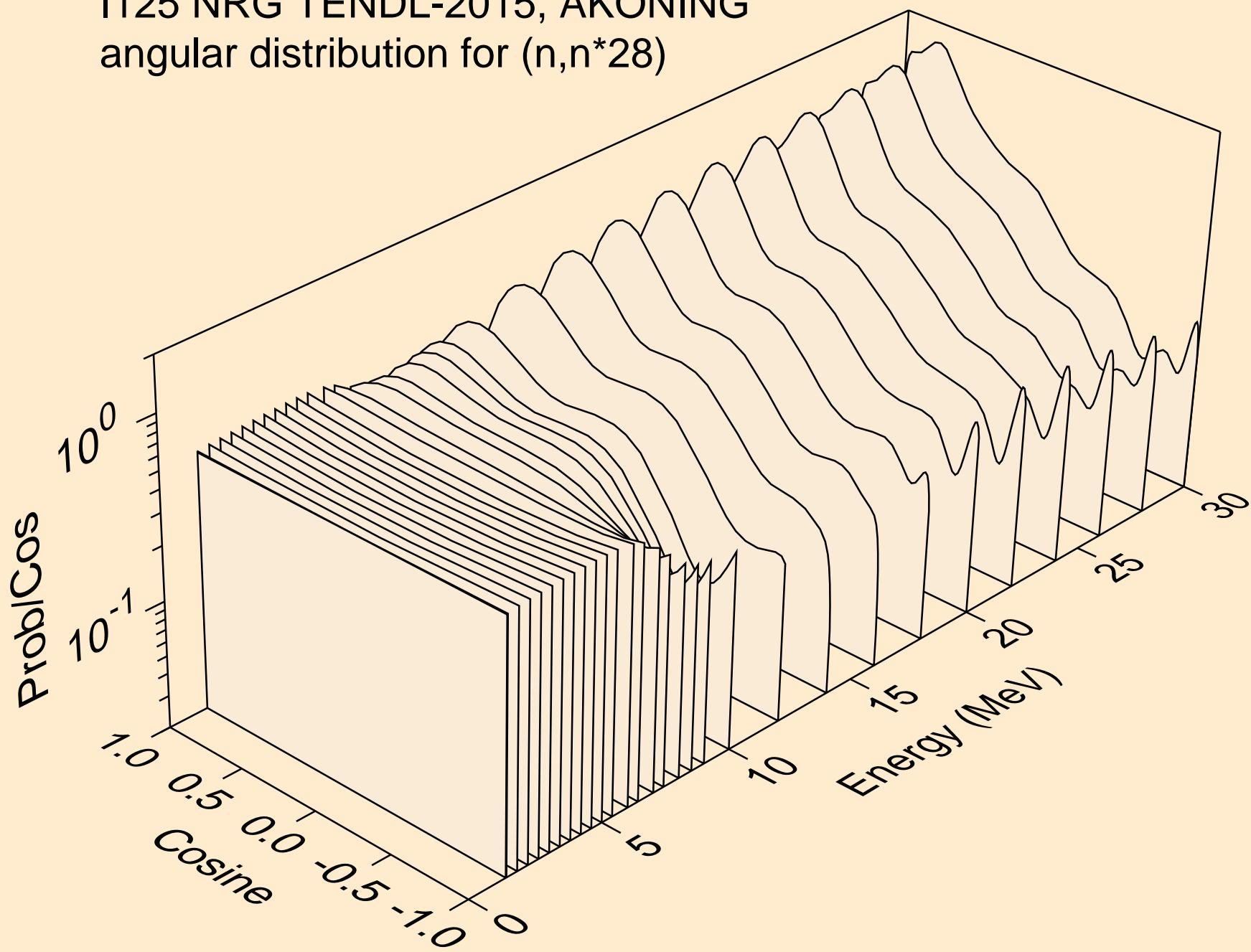
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angular distribution for ( $n,n^*$ )26)



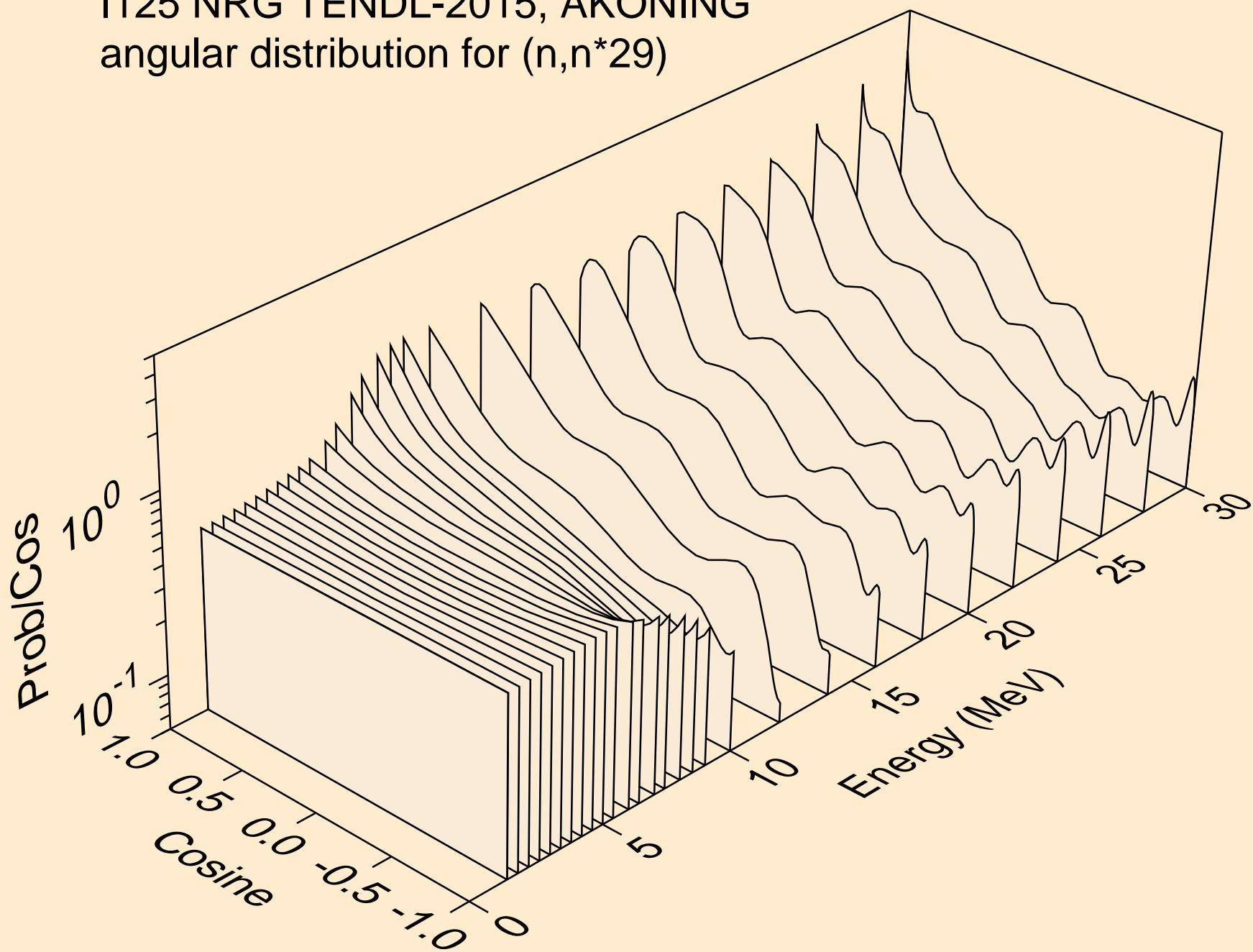
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angular distribution for ( $n,n^*27$ )



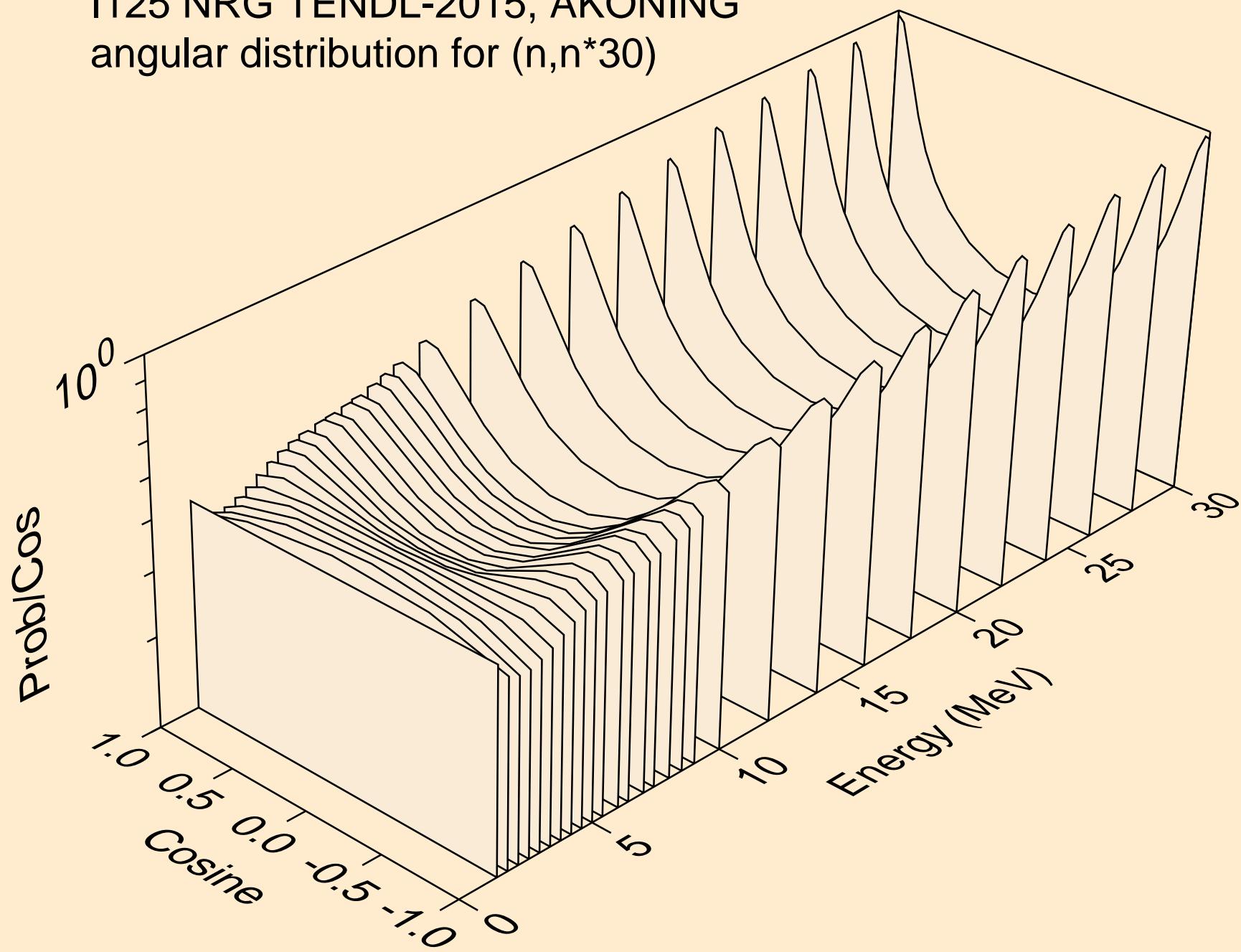
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angular distribution for ( $n,n^*28$ )



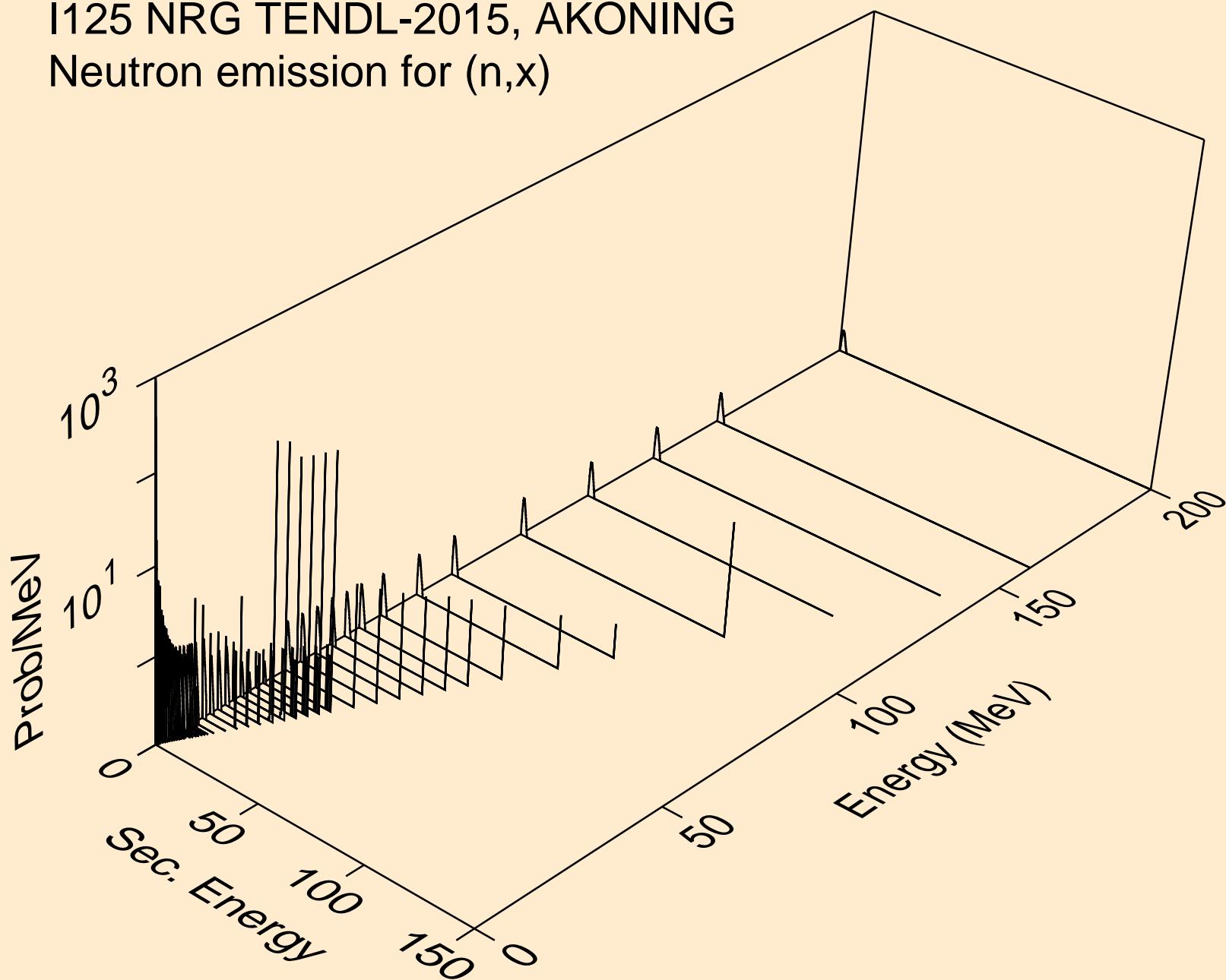
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angular distribution for ( $n,n^*29$ )



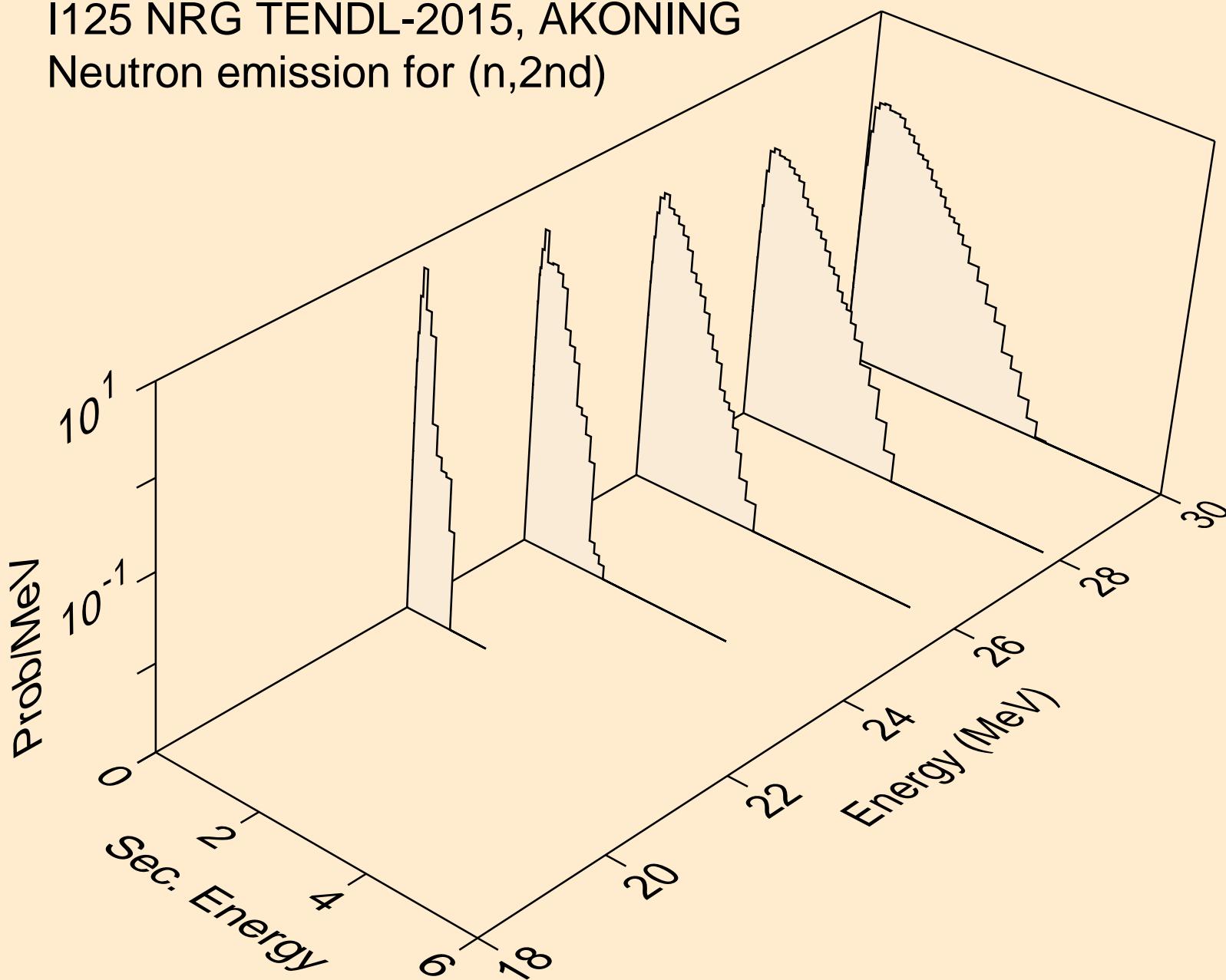
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angular distribution for ( $n,n^*$ )30



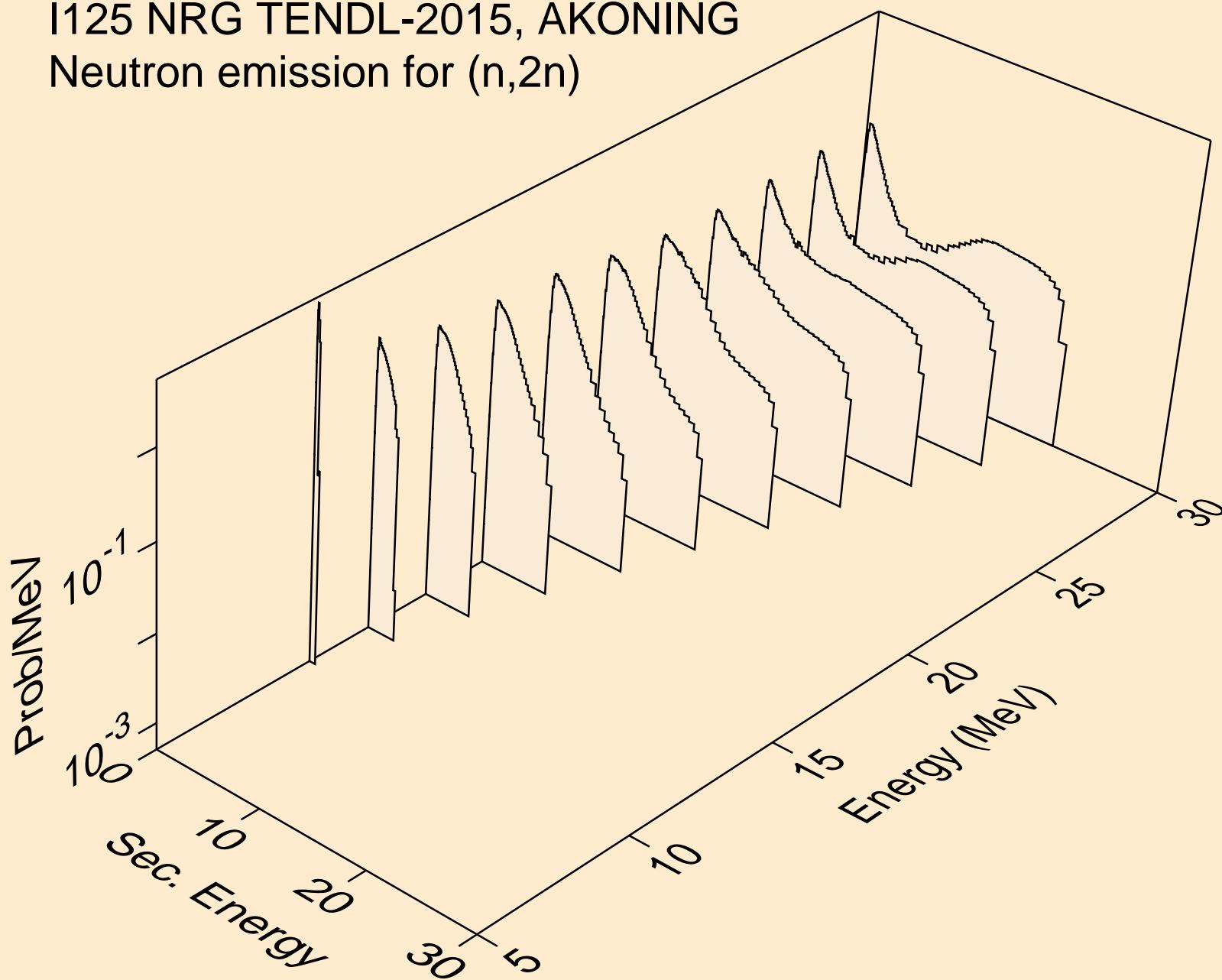
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Neutron emission for (n,x)



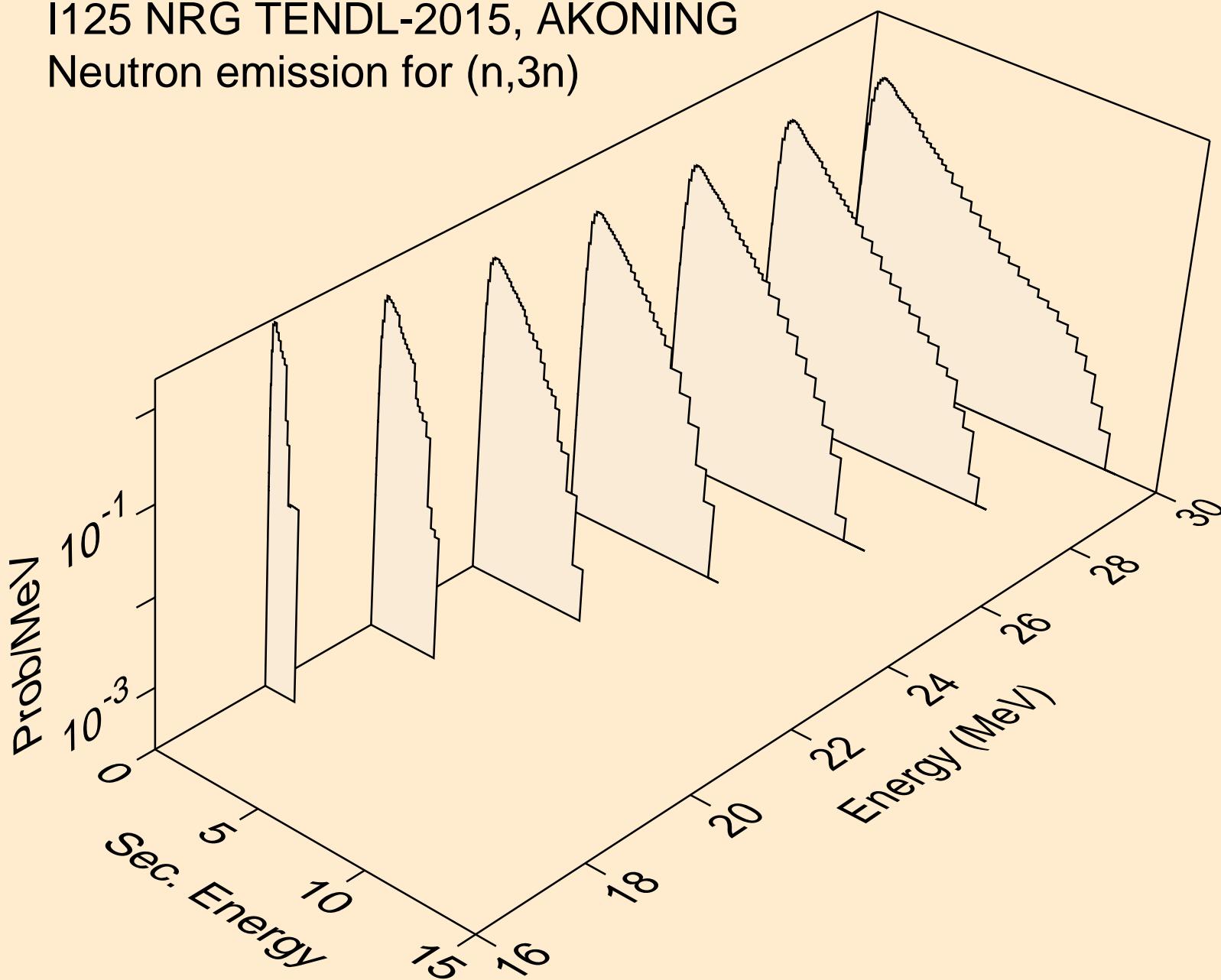
I125 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



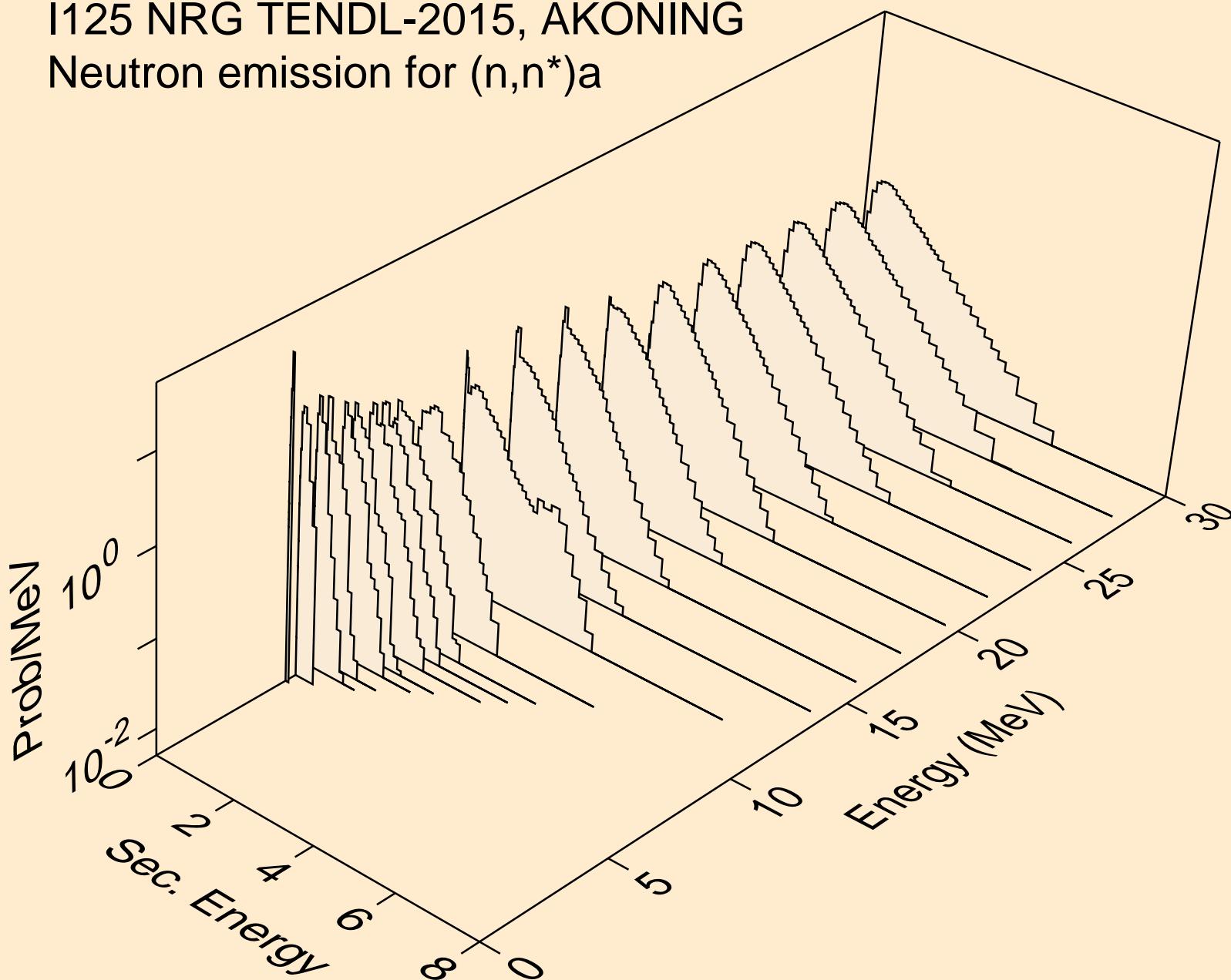
I125 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



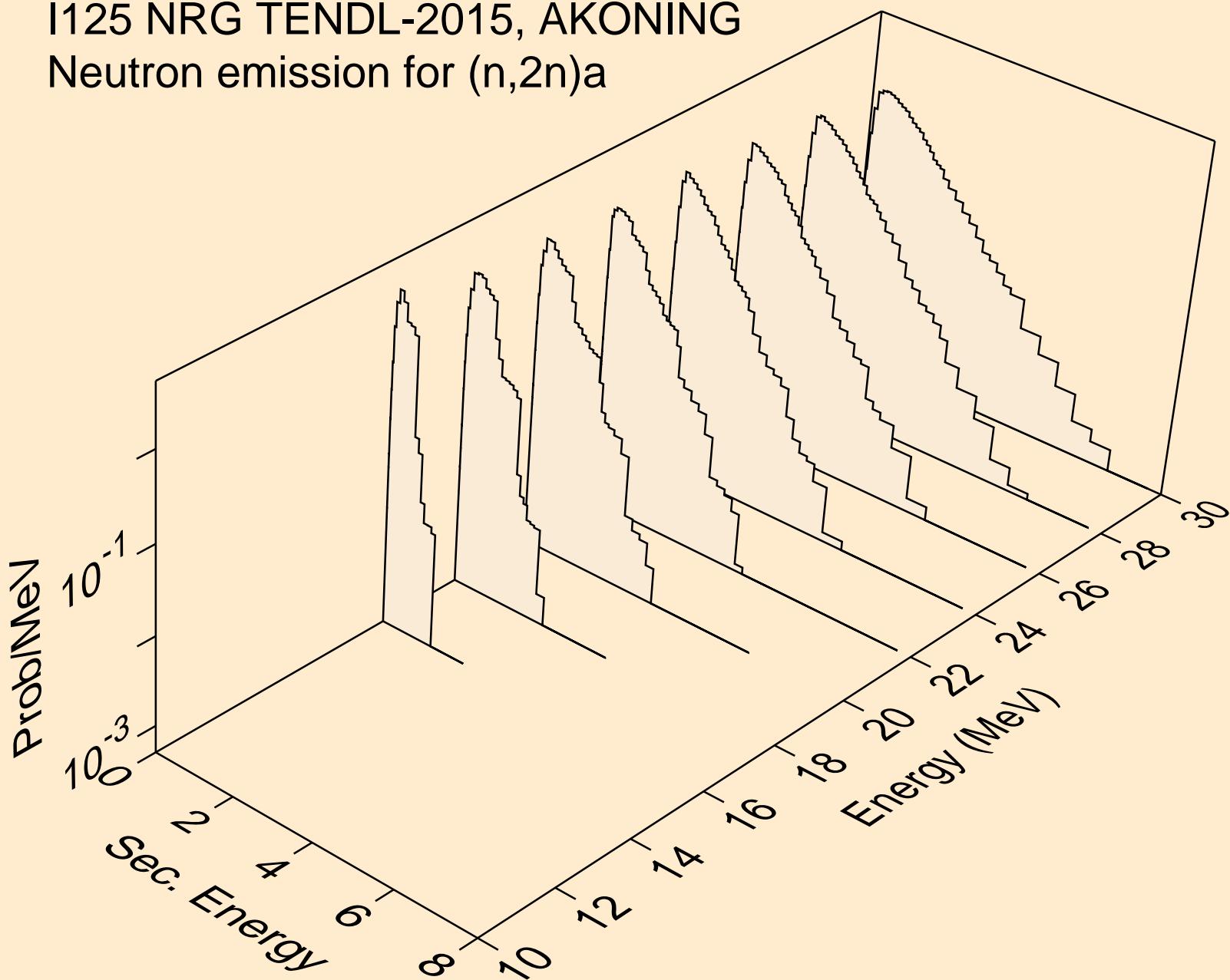
I125 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



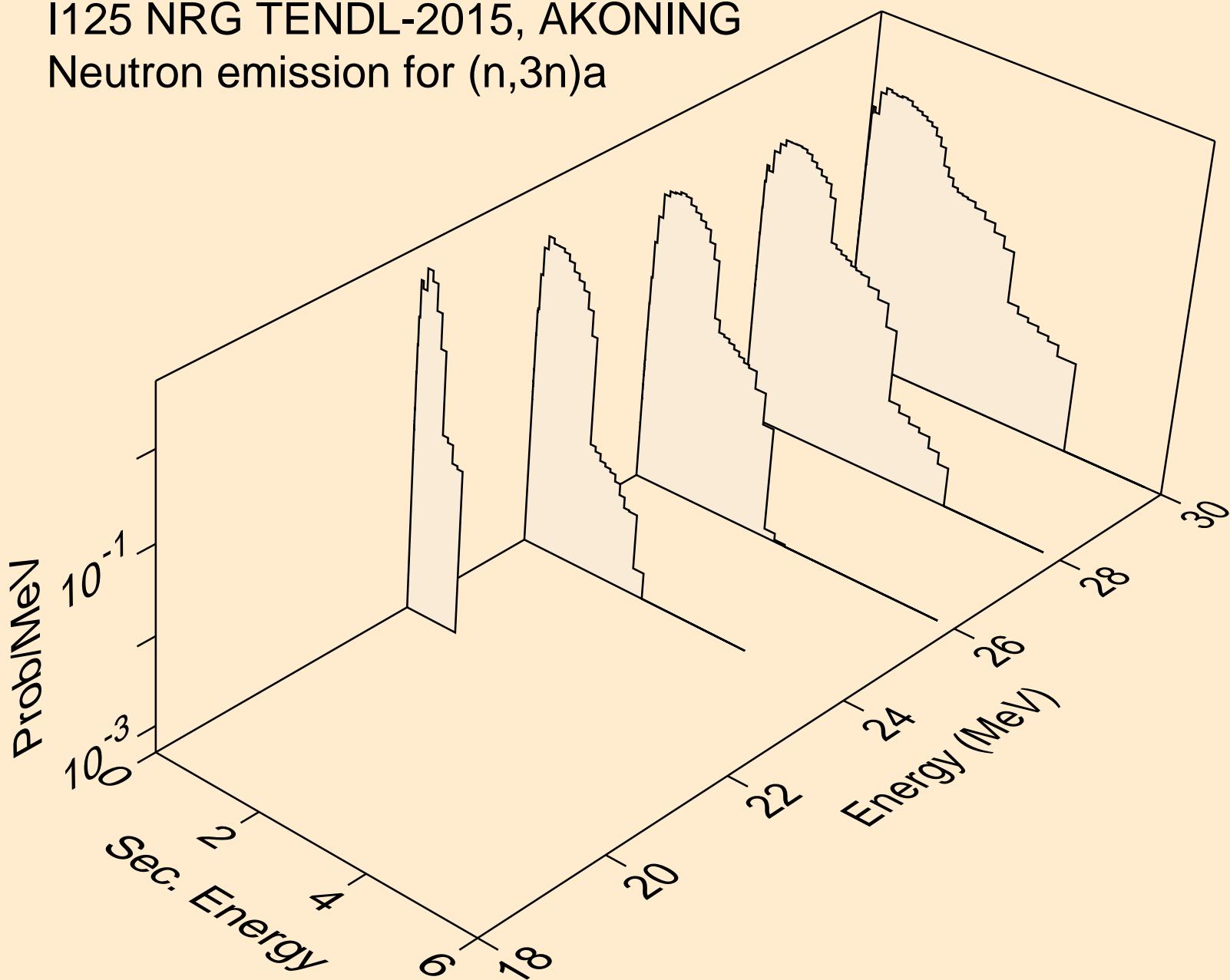
I125 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



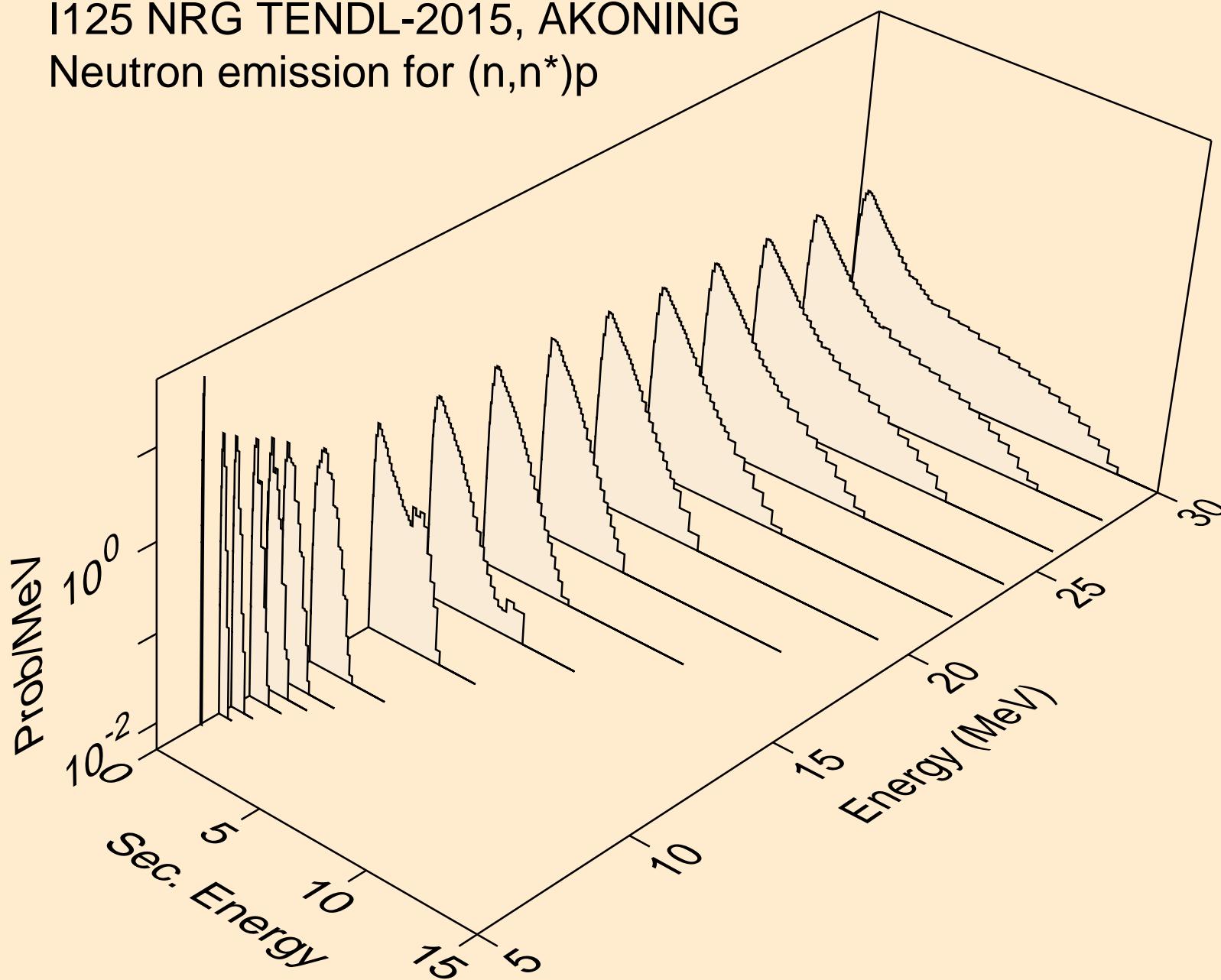
I125 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



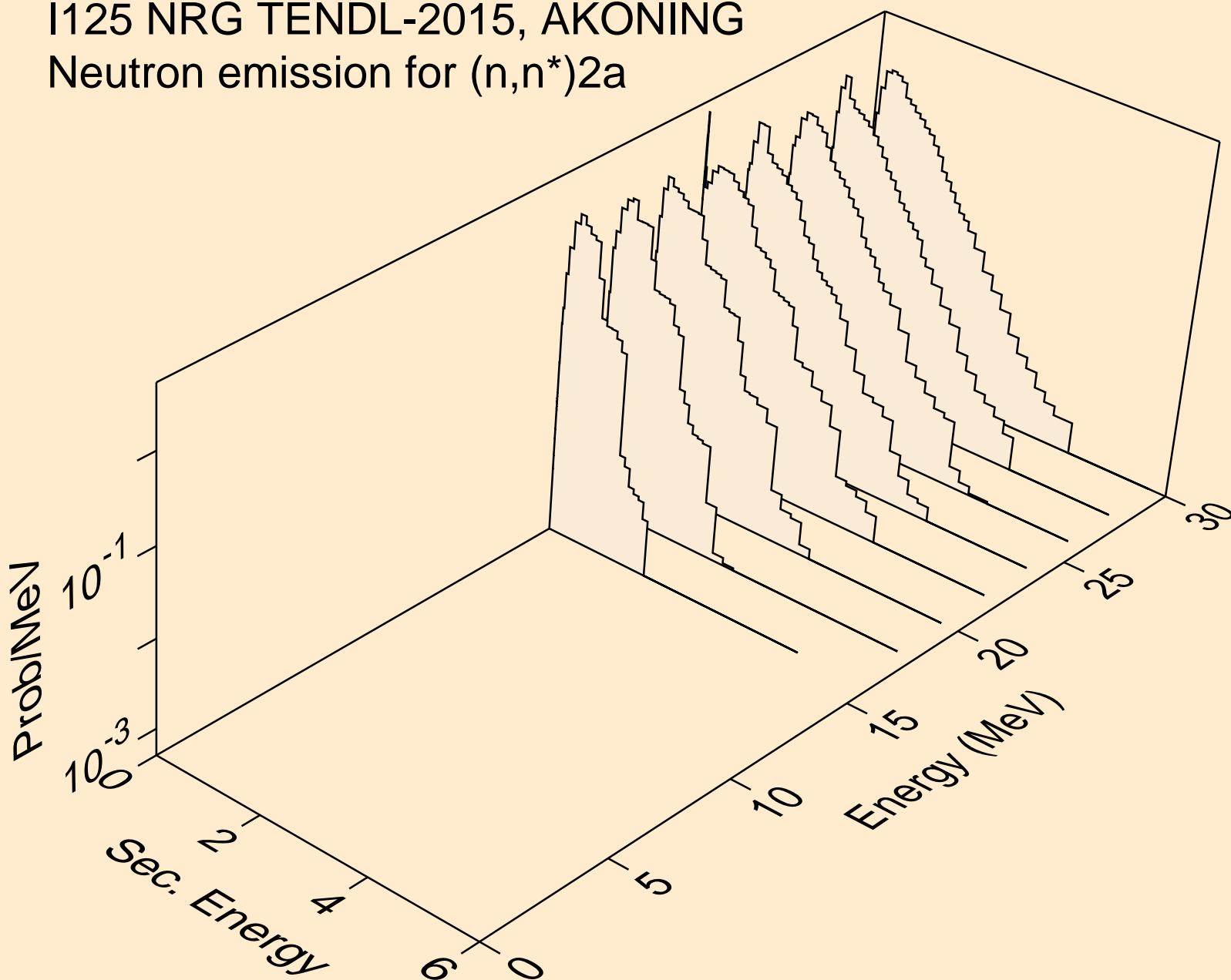
I125 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



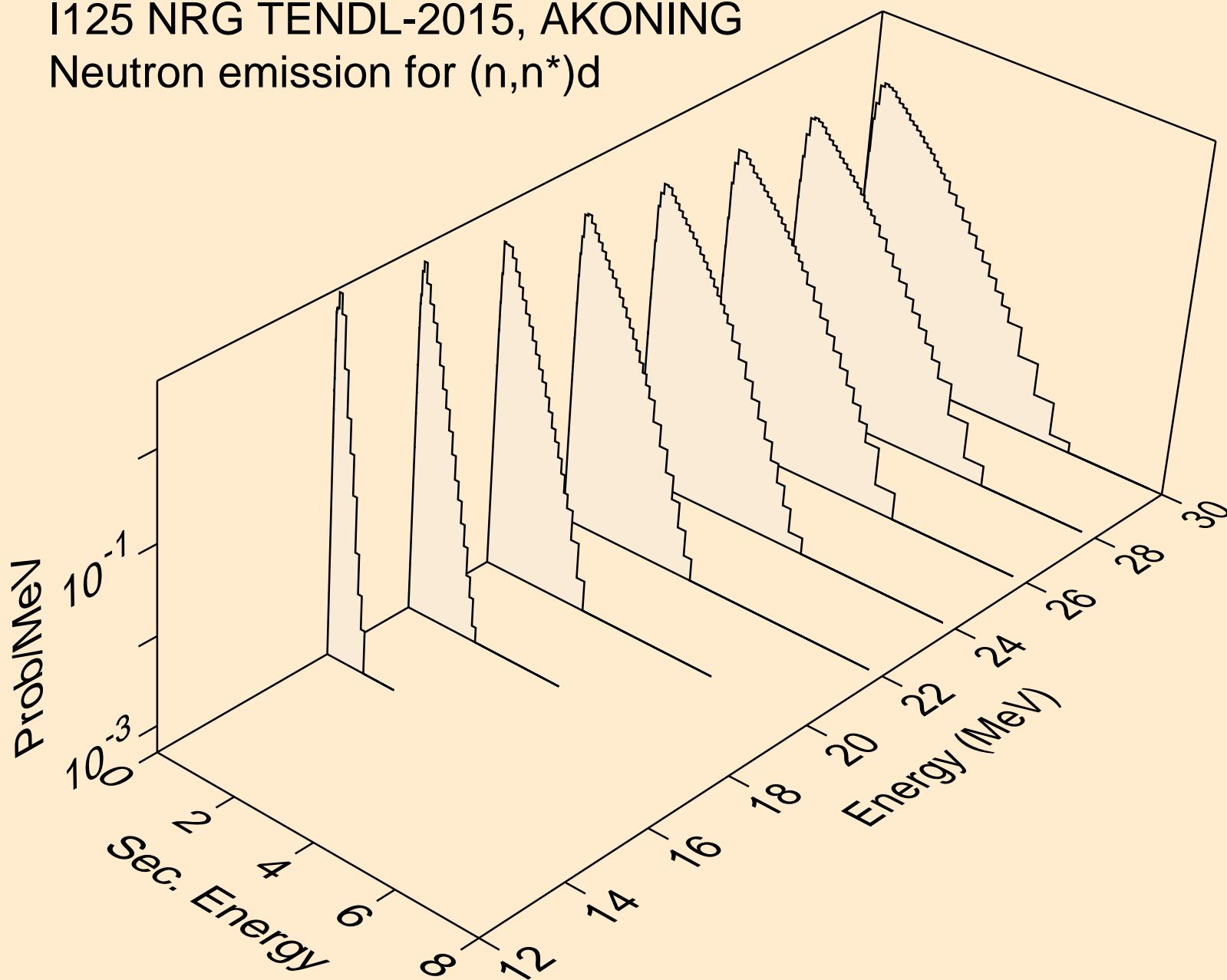
I125 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



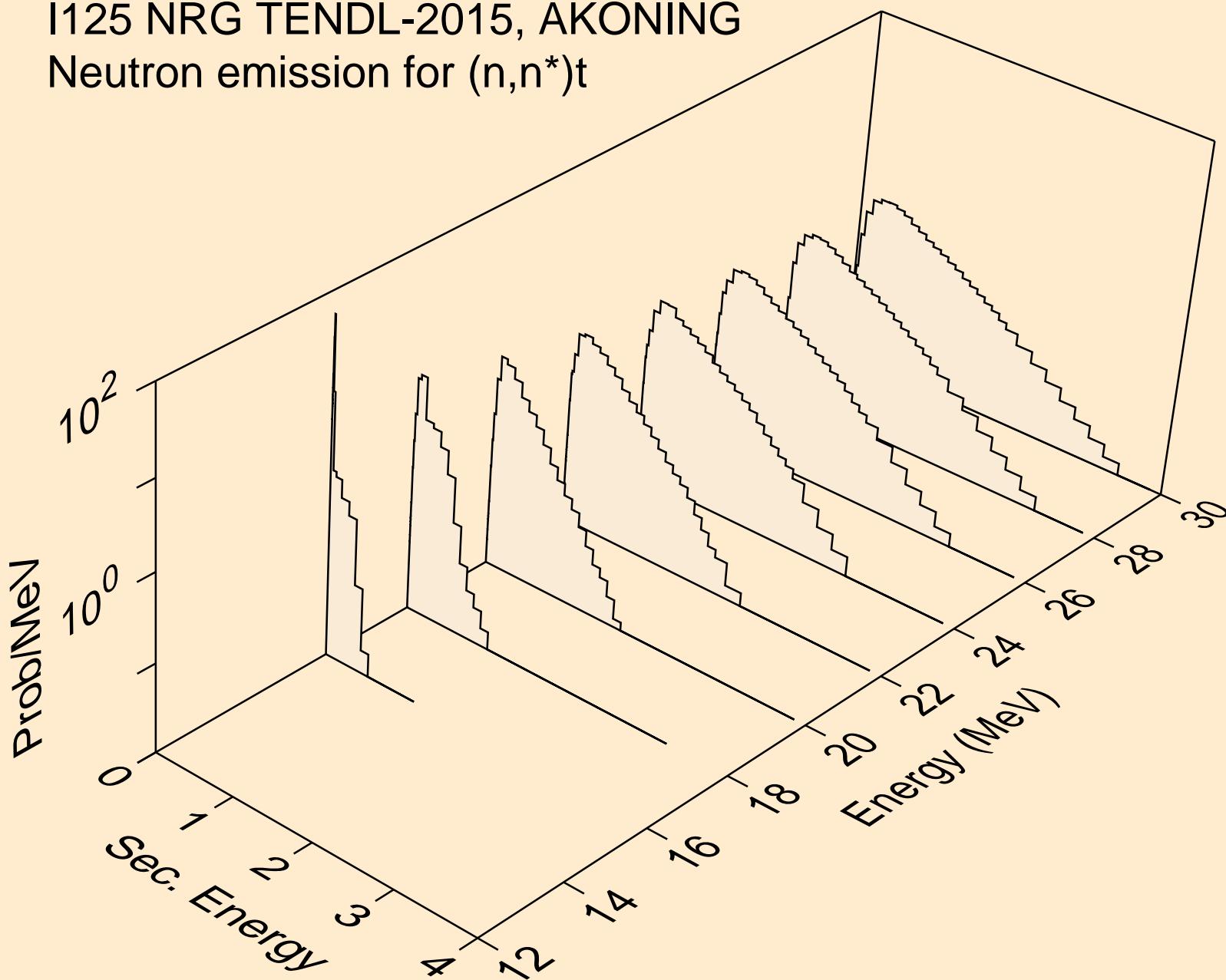
I125 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



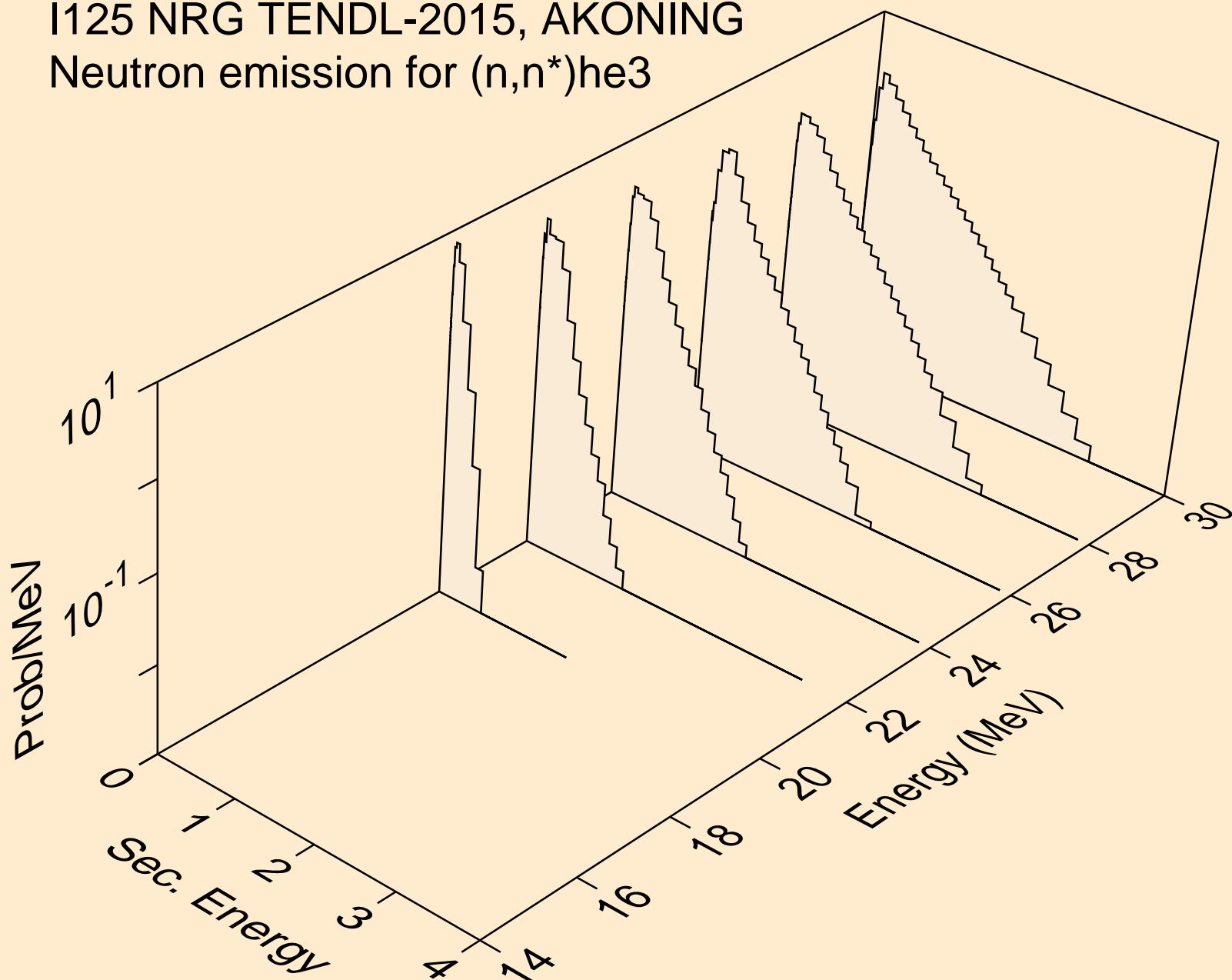
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Neutron emission for  $(n,n^*)d$



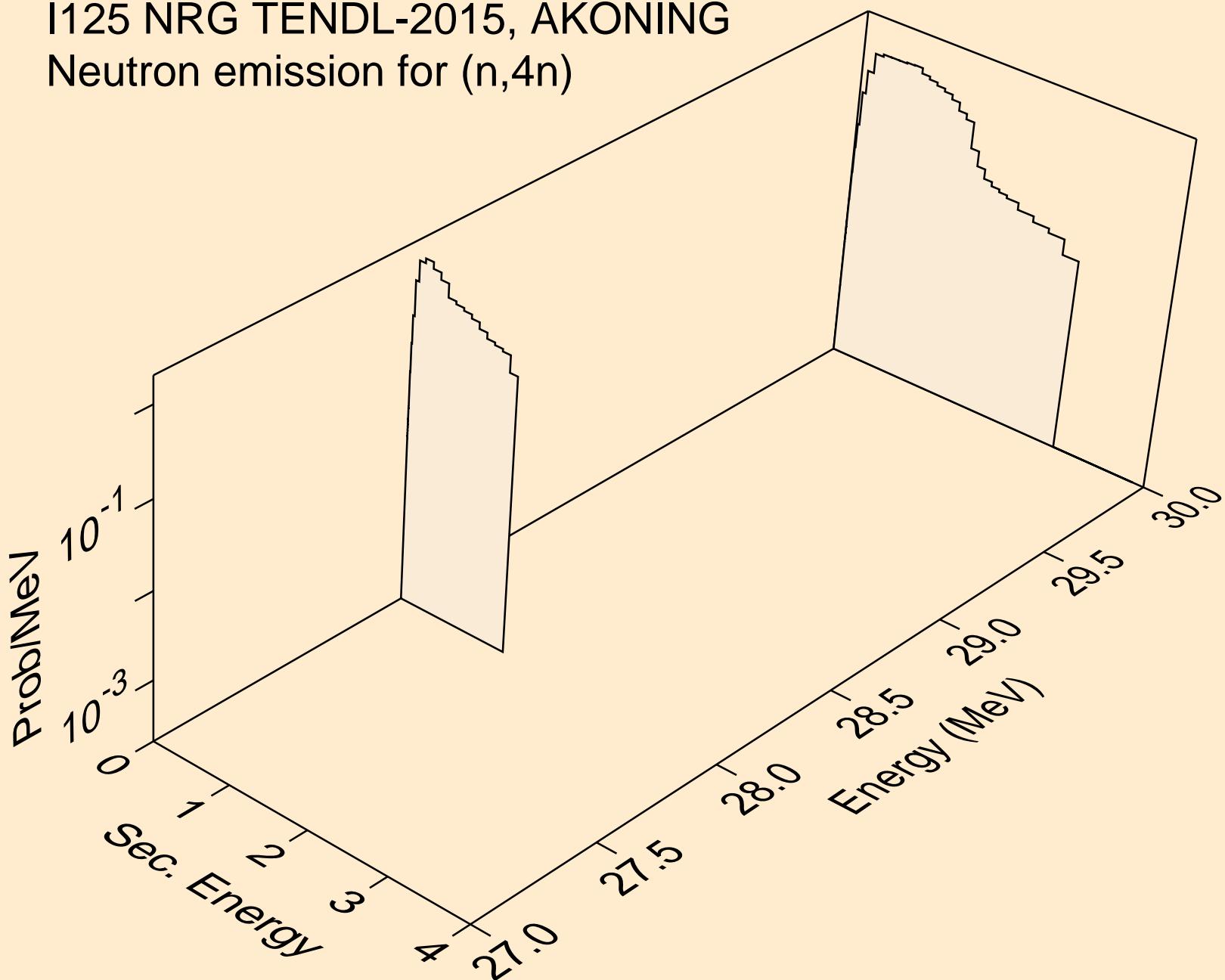
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Neutron emission for  $(n,n^*)t$



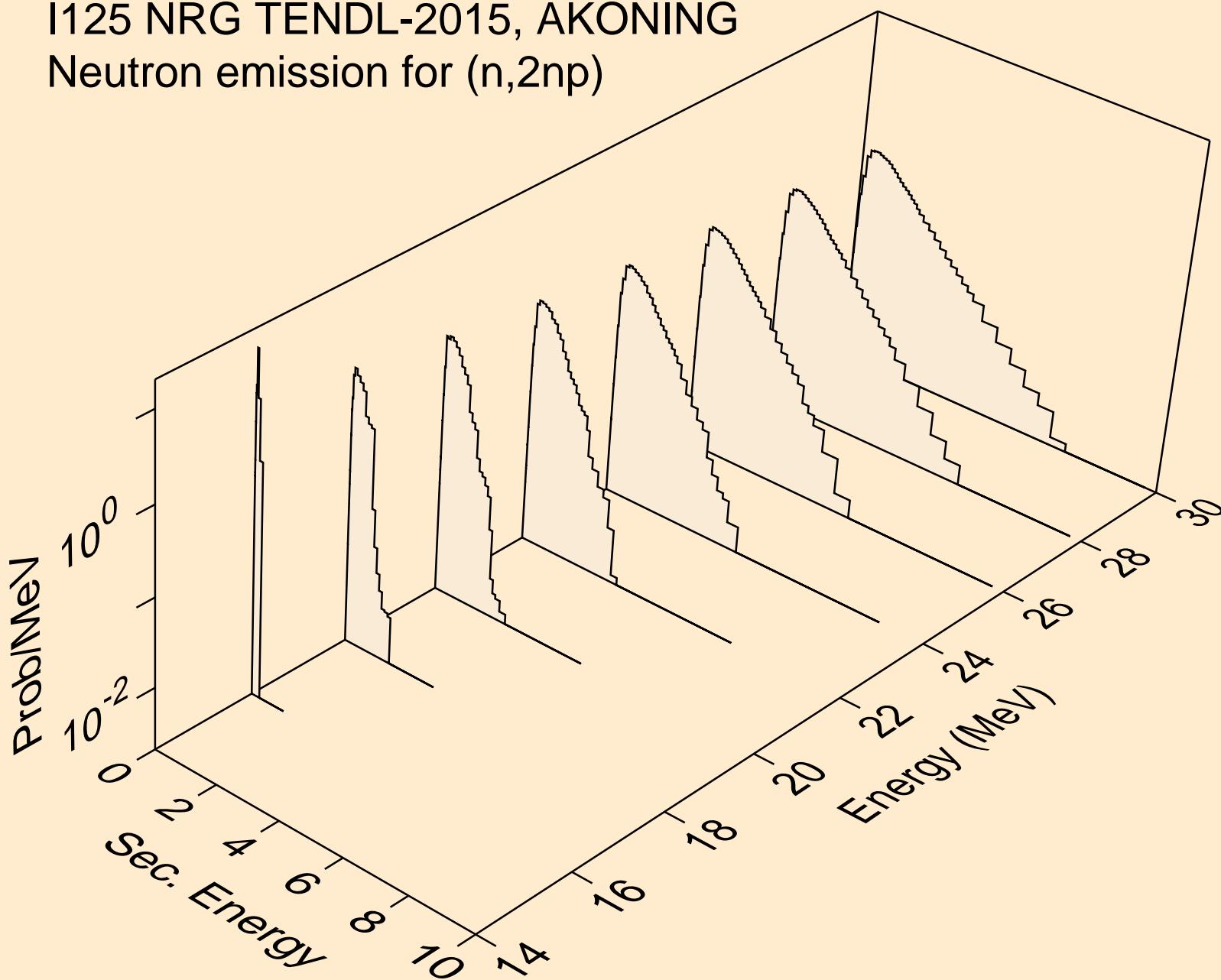
I125 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



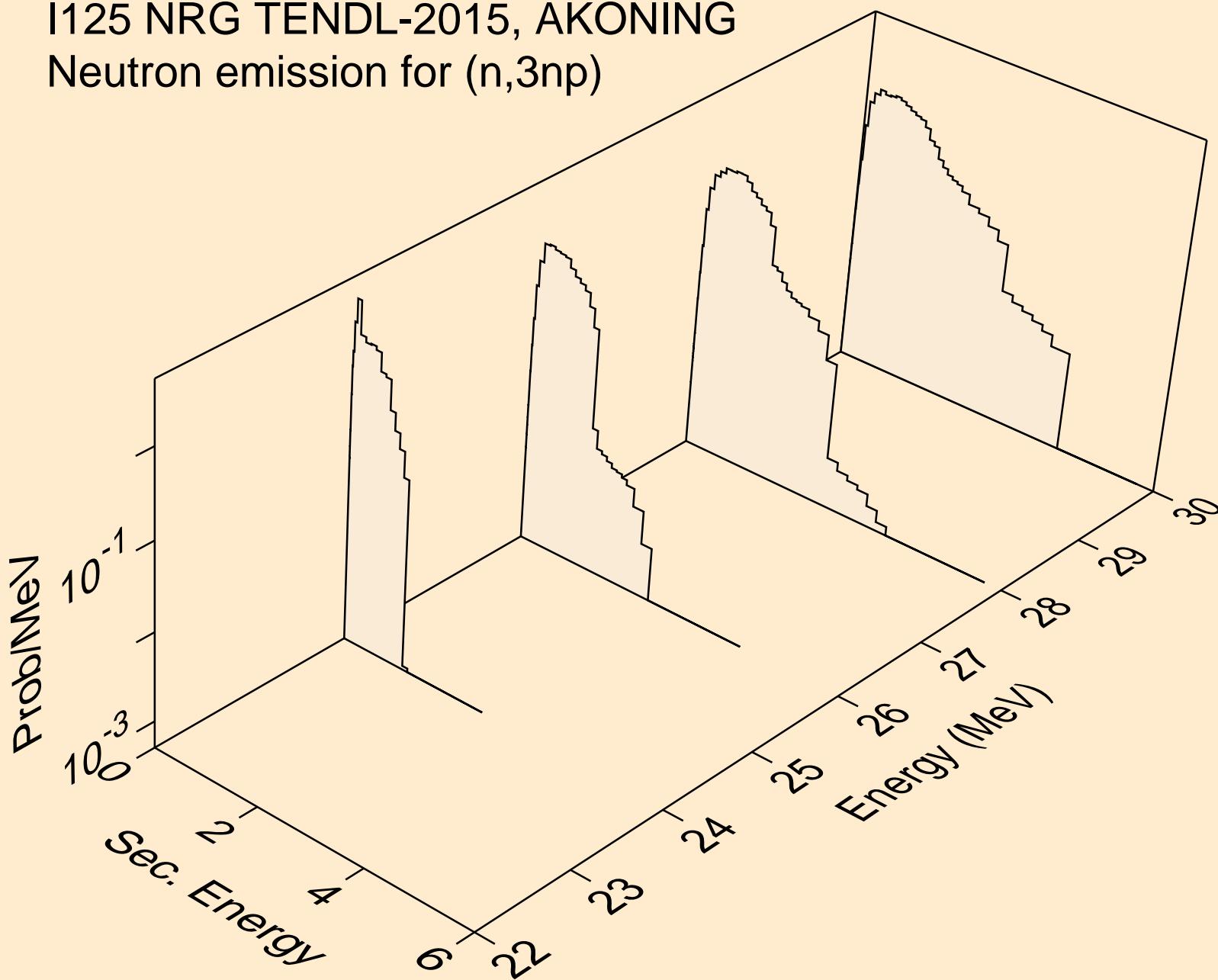
I125 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



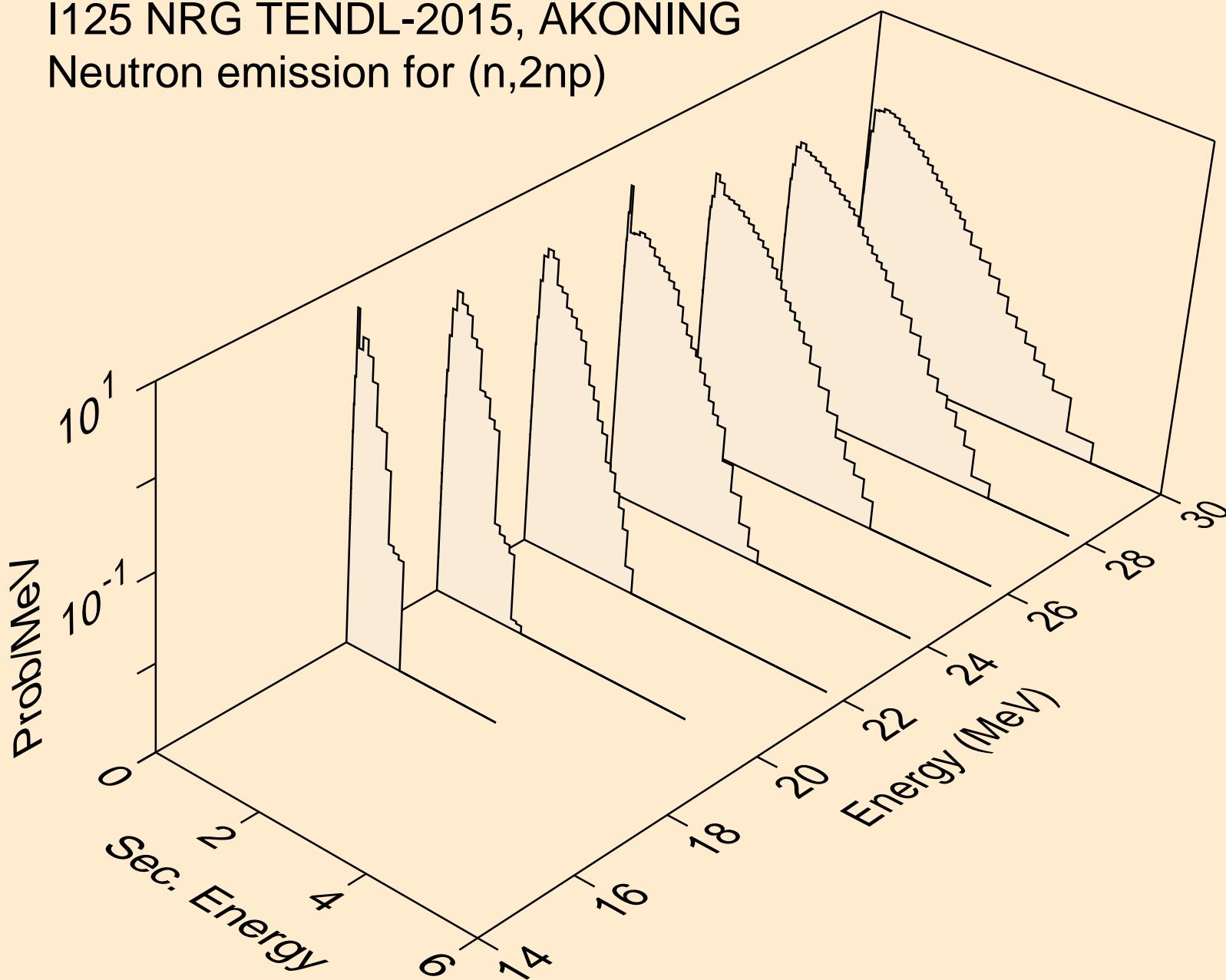
I125 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



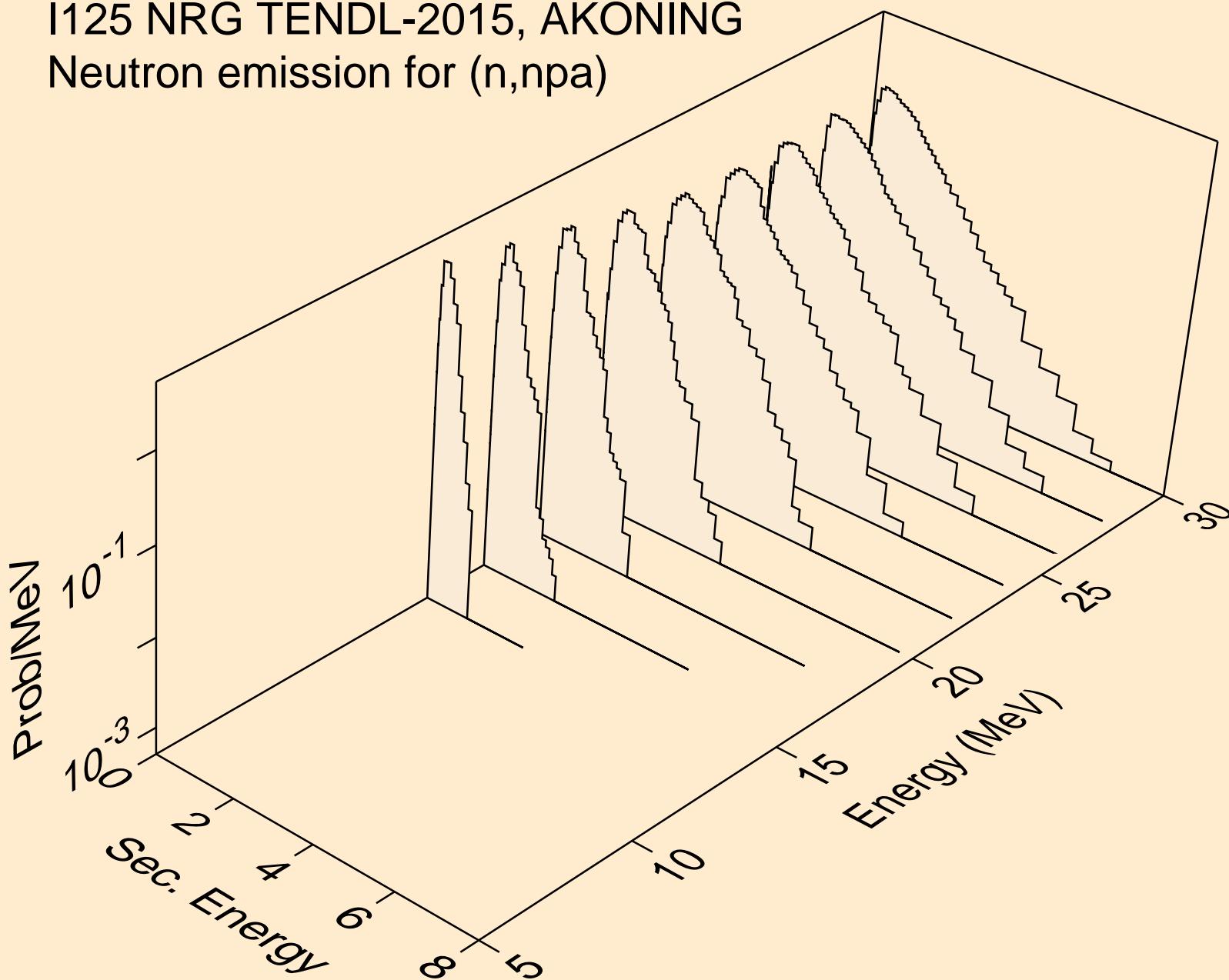
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Neutron emission for (n,3np)



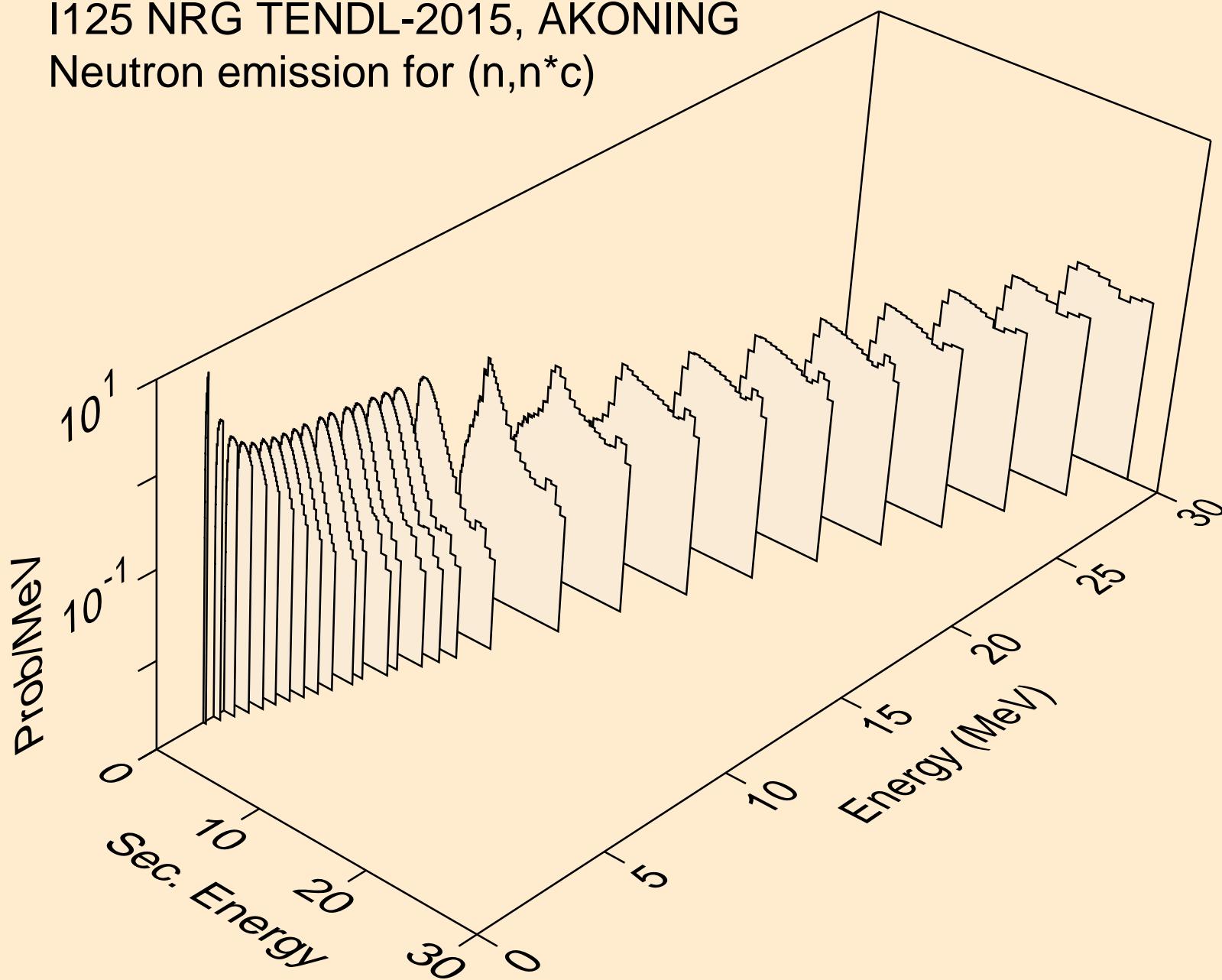
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Neutron emission for (n,2np)



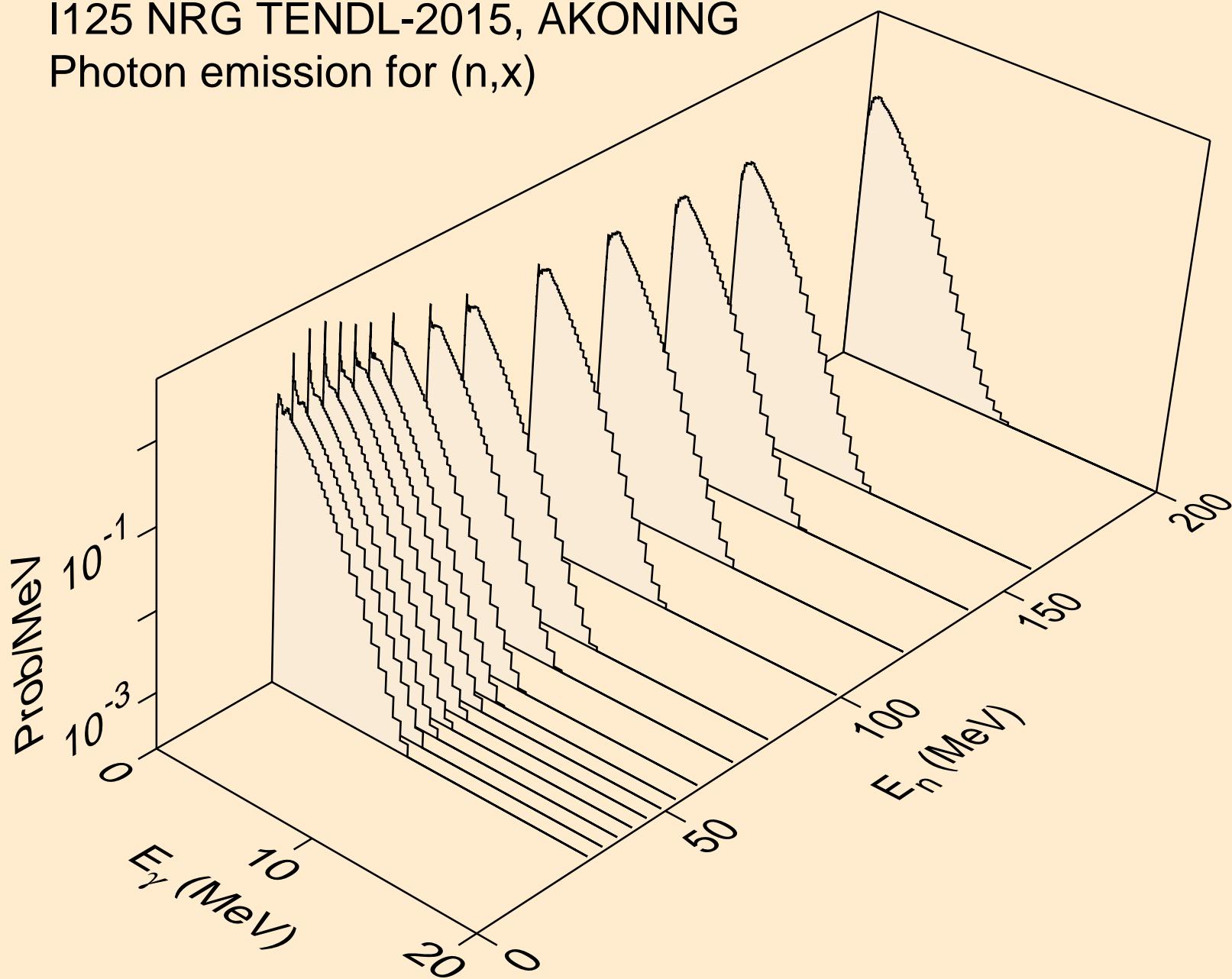
I125 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



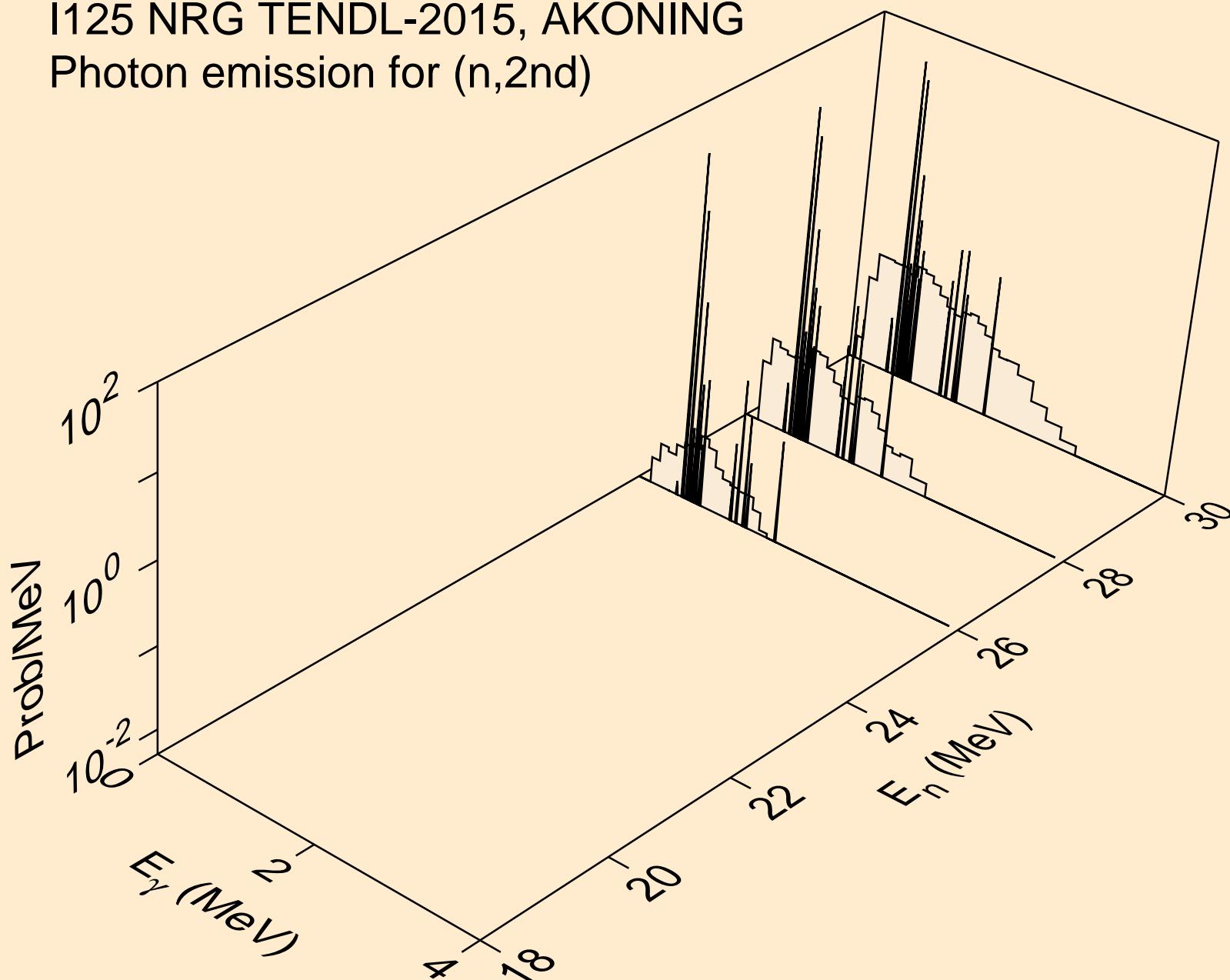
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Neutron emission for ( $n,n^*c$ )



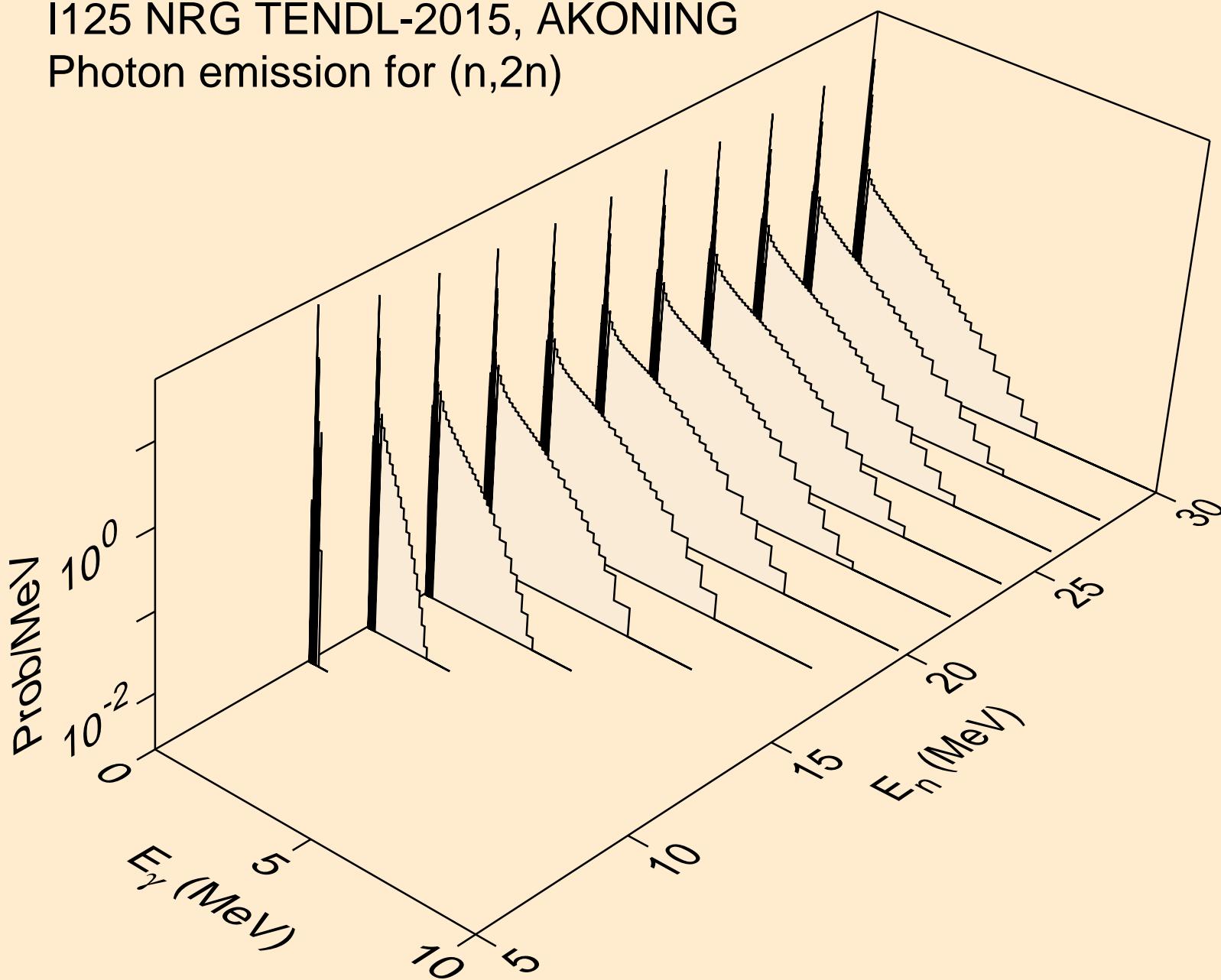
I125 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



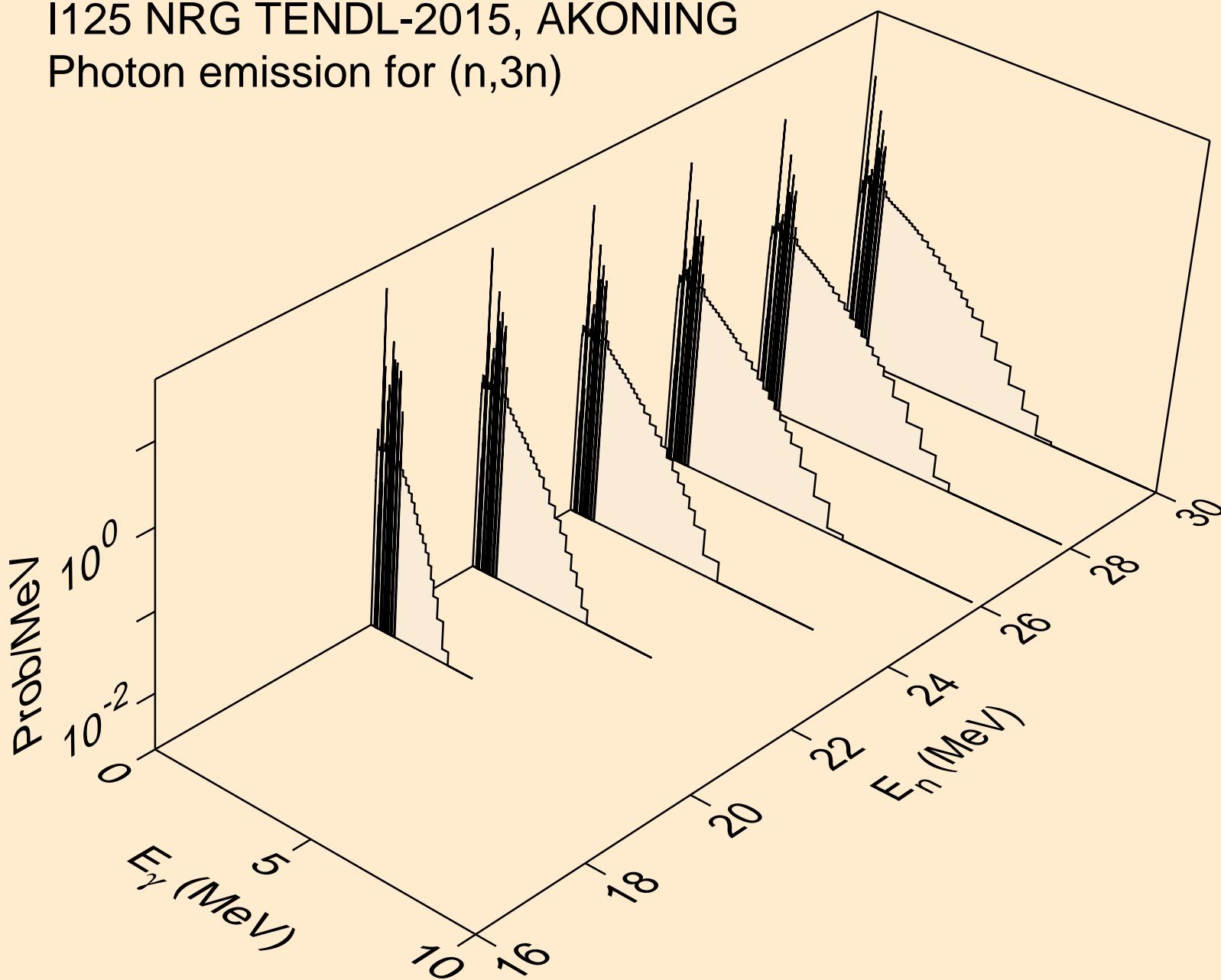
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Photon emission for (n,2nd)



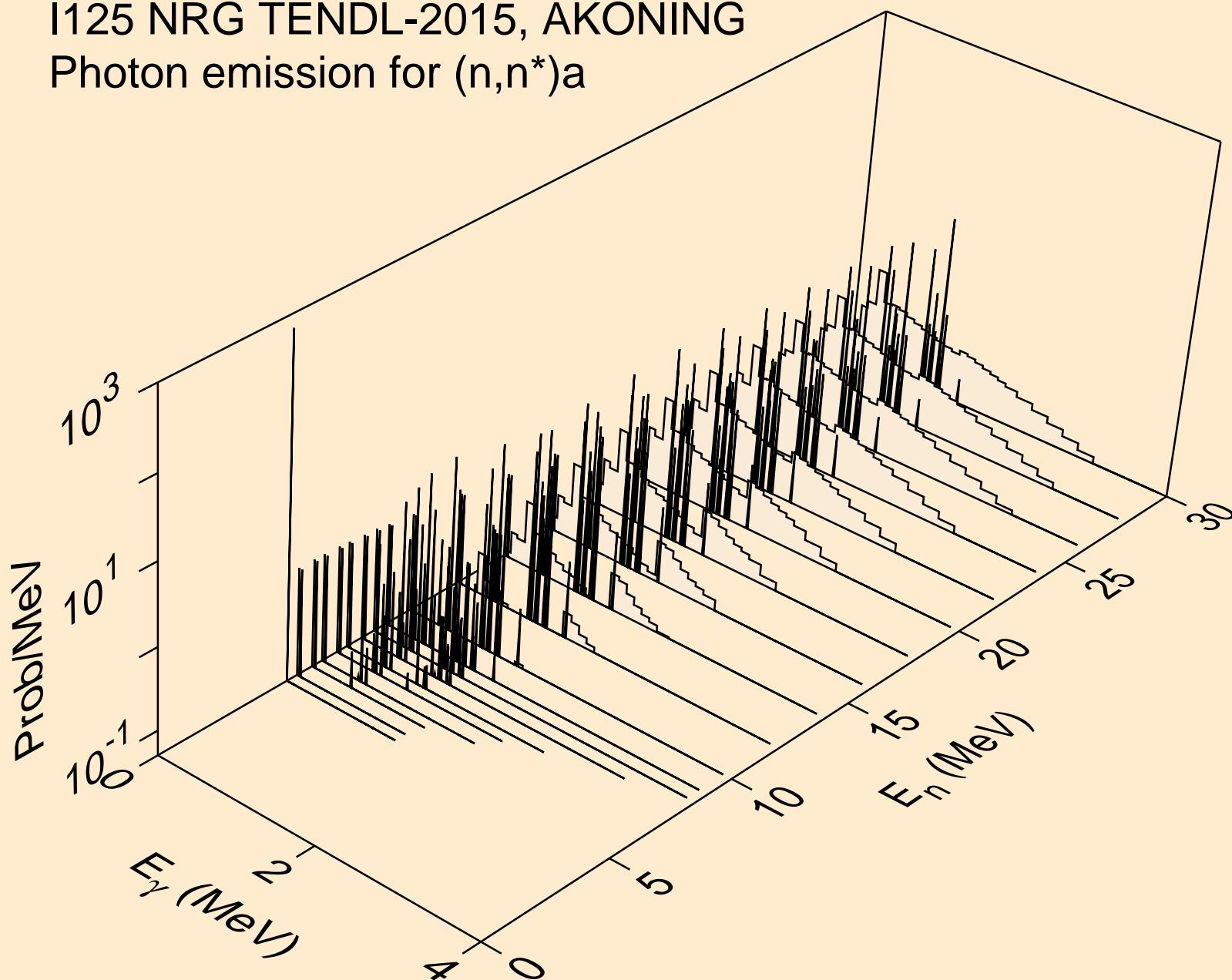
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Photon emission for (n,2n)



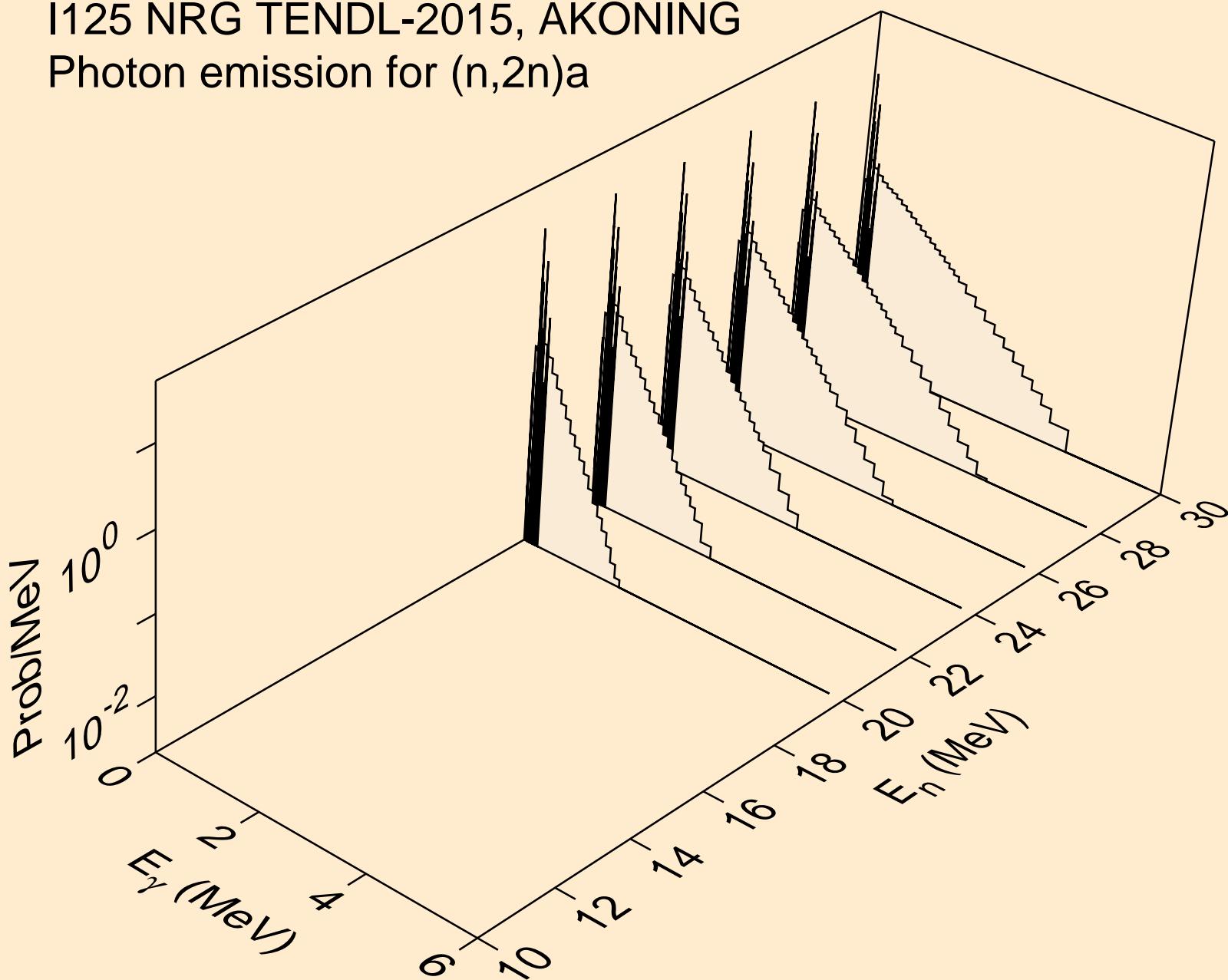
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Photon emission for (n,3n)



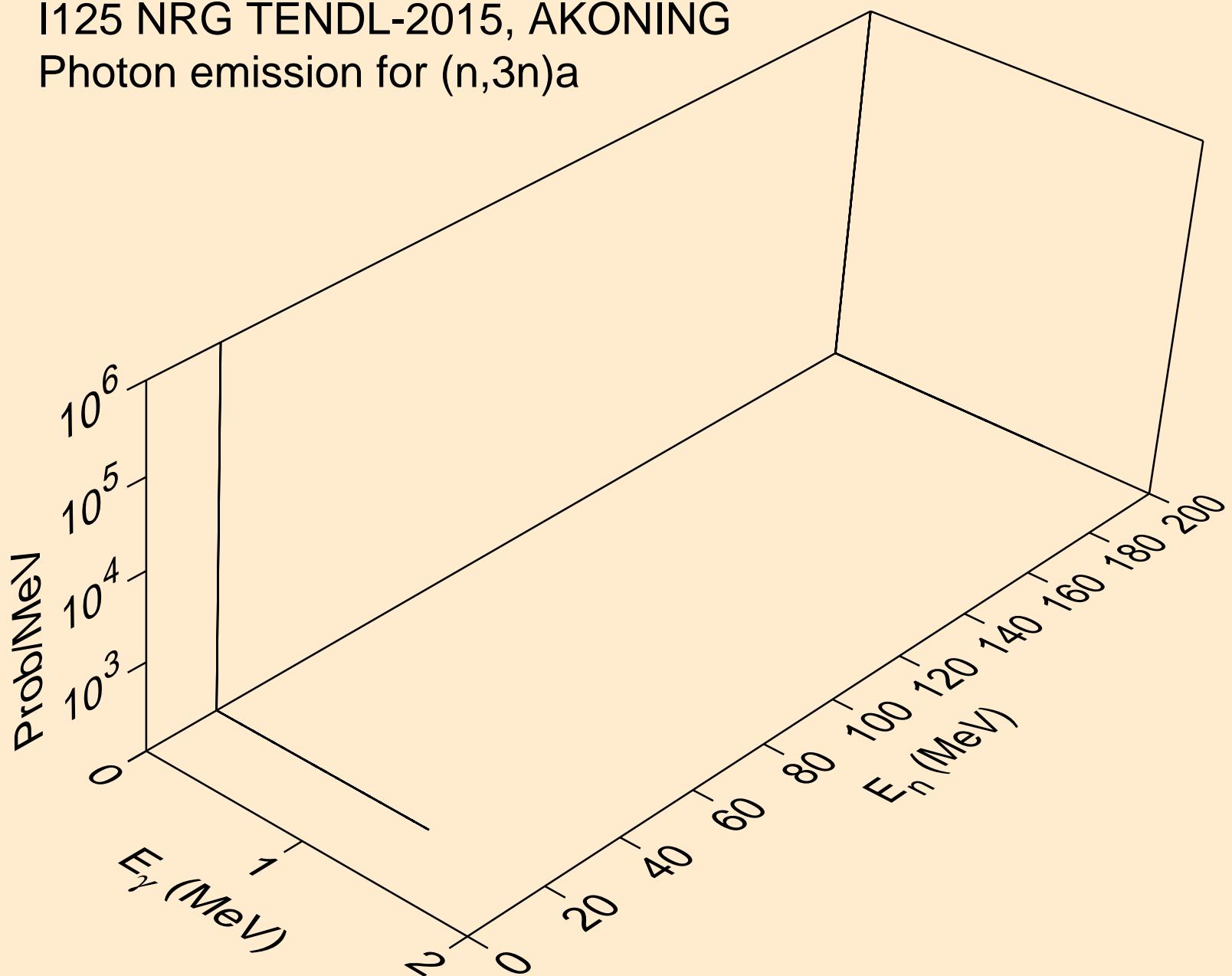
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Photon emission for  $(n,n^*)a$



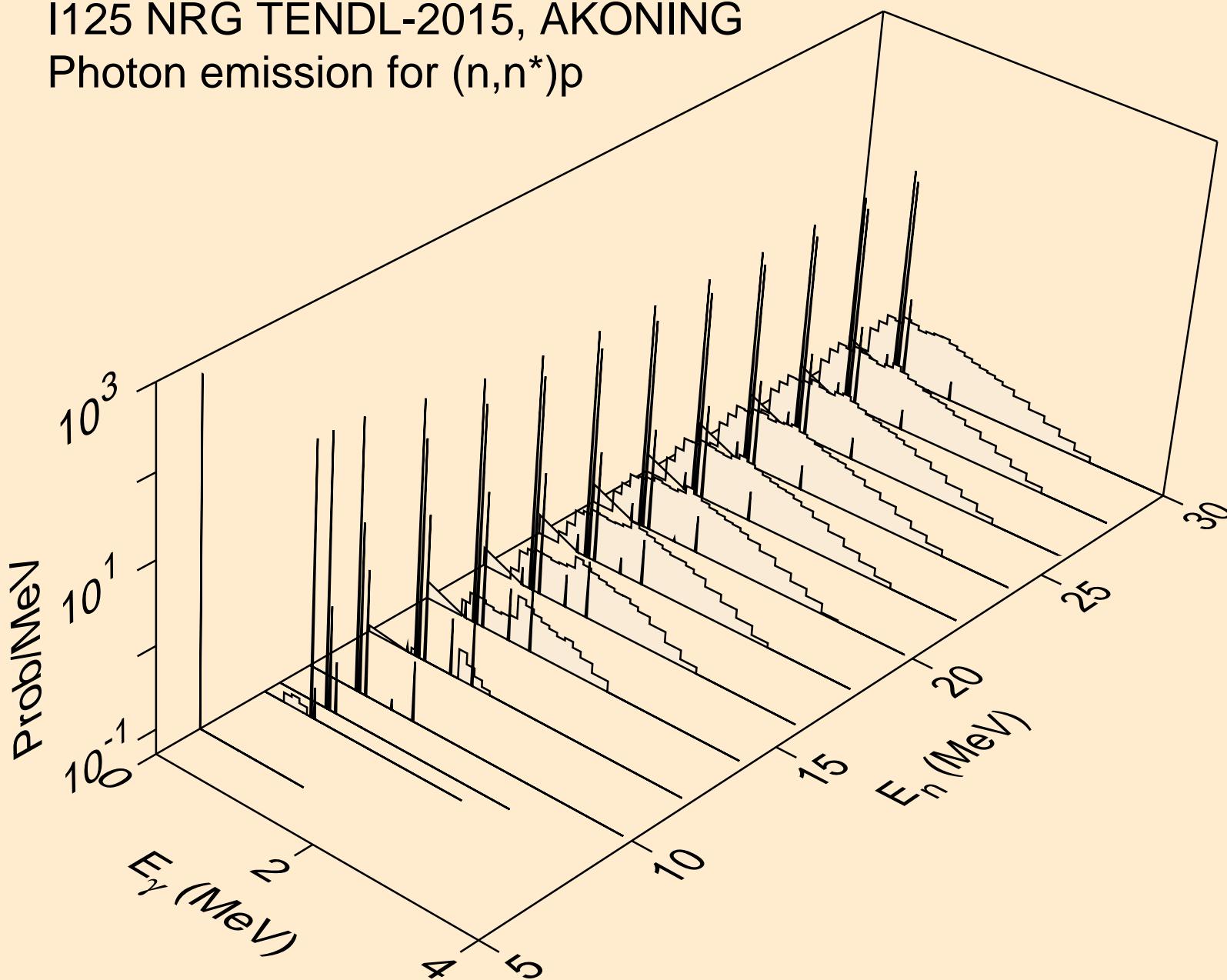
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Photon emission for (n,2n)a



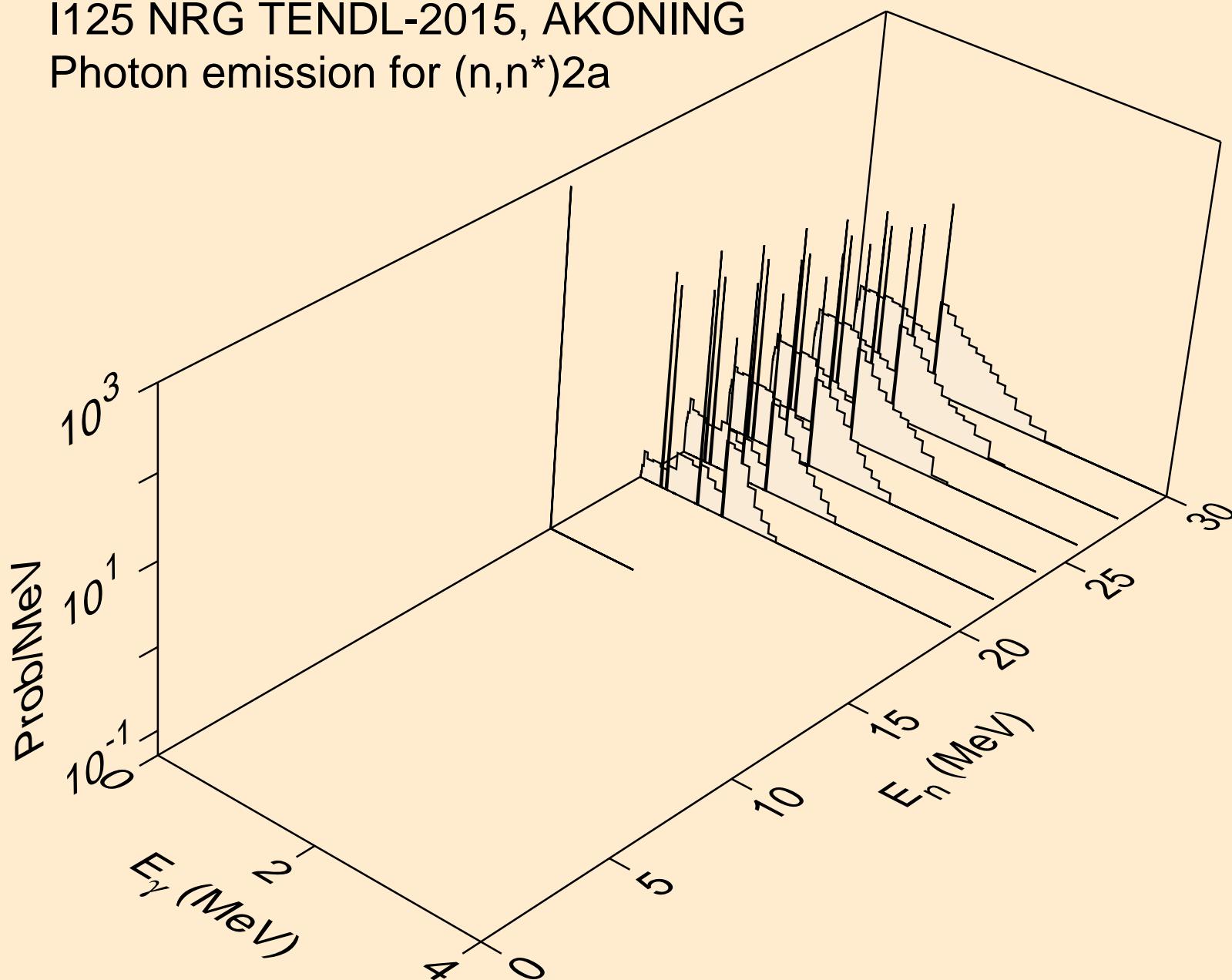
I125 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



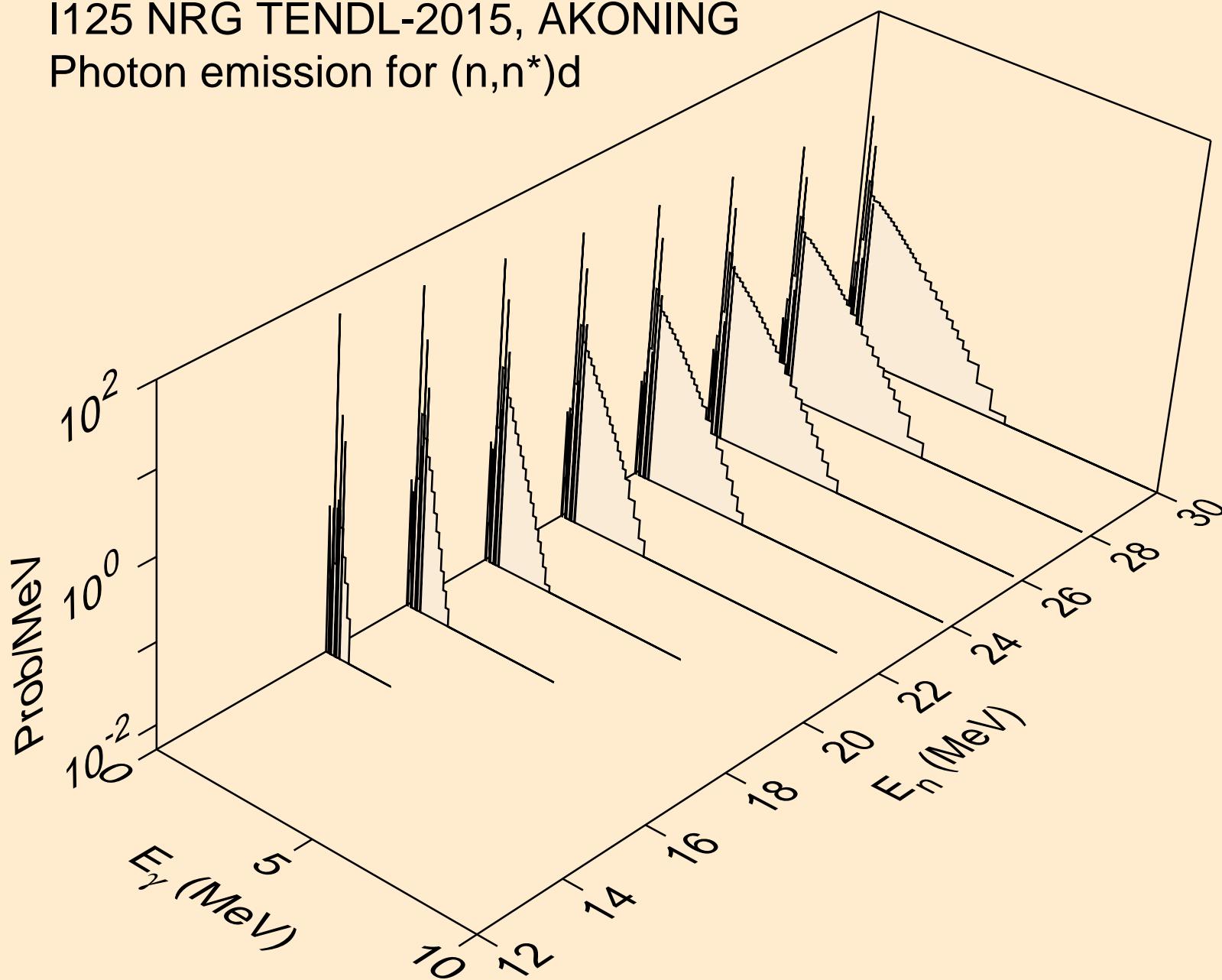
I125 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



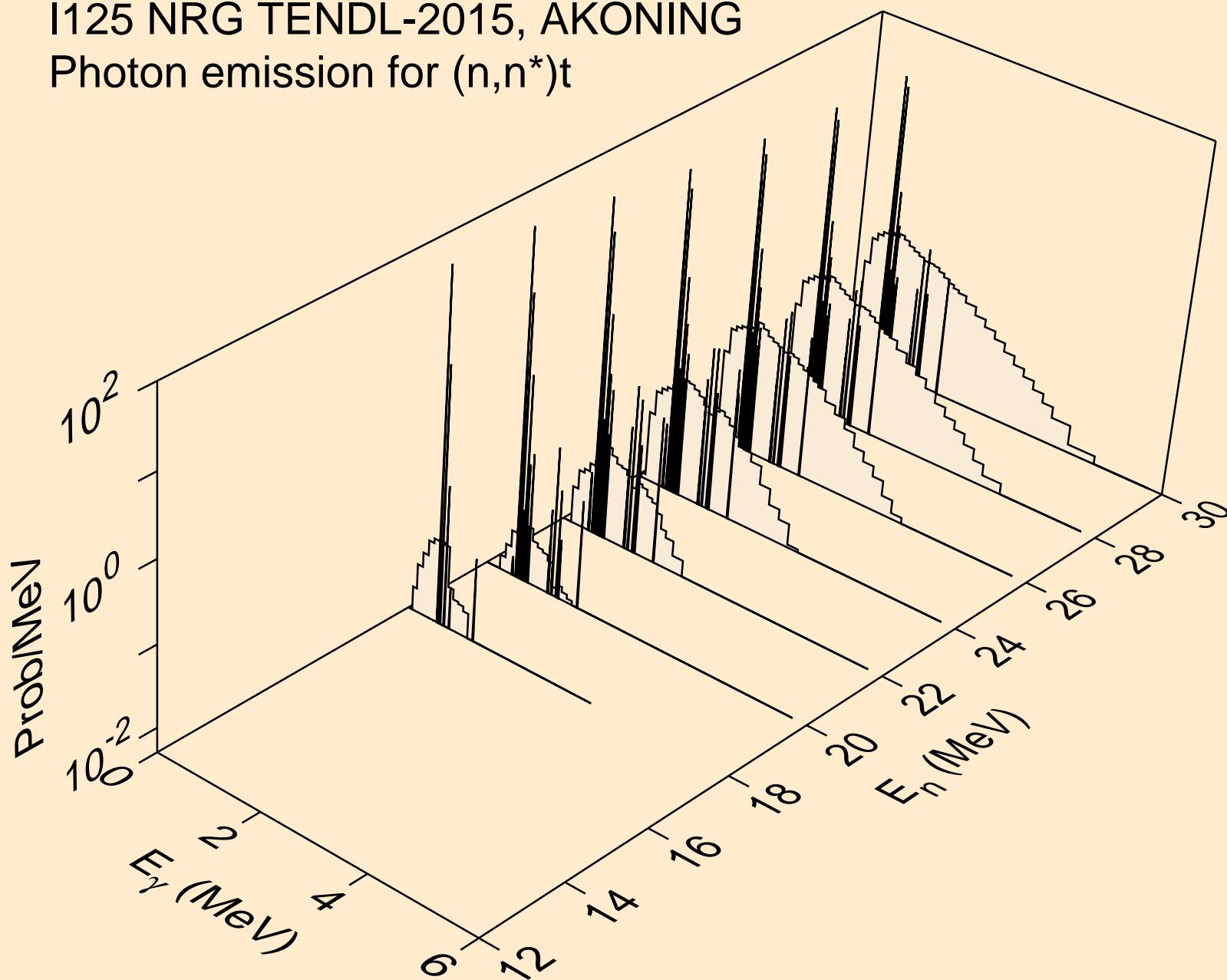
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Photon emission for  $(n,n^*)2a$



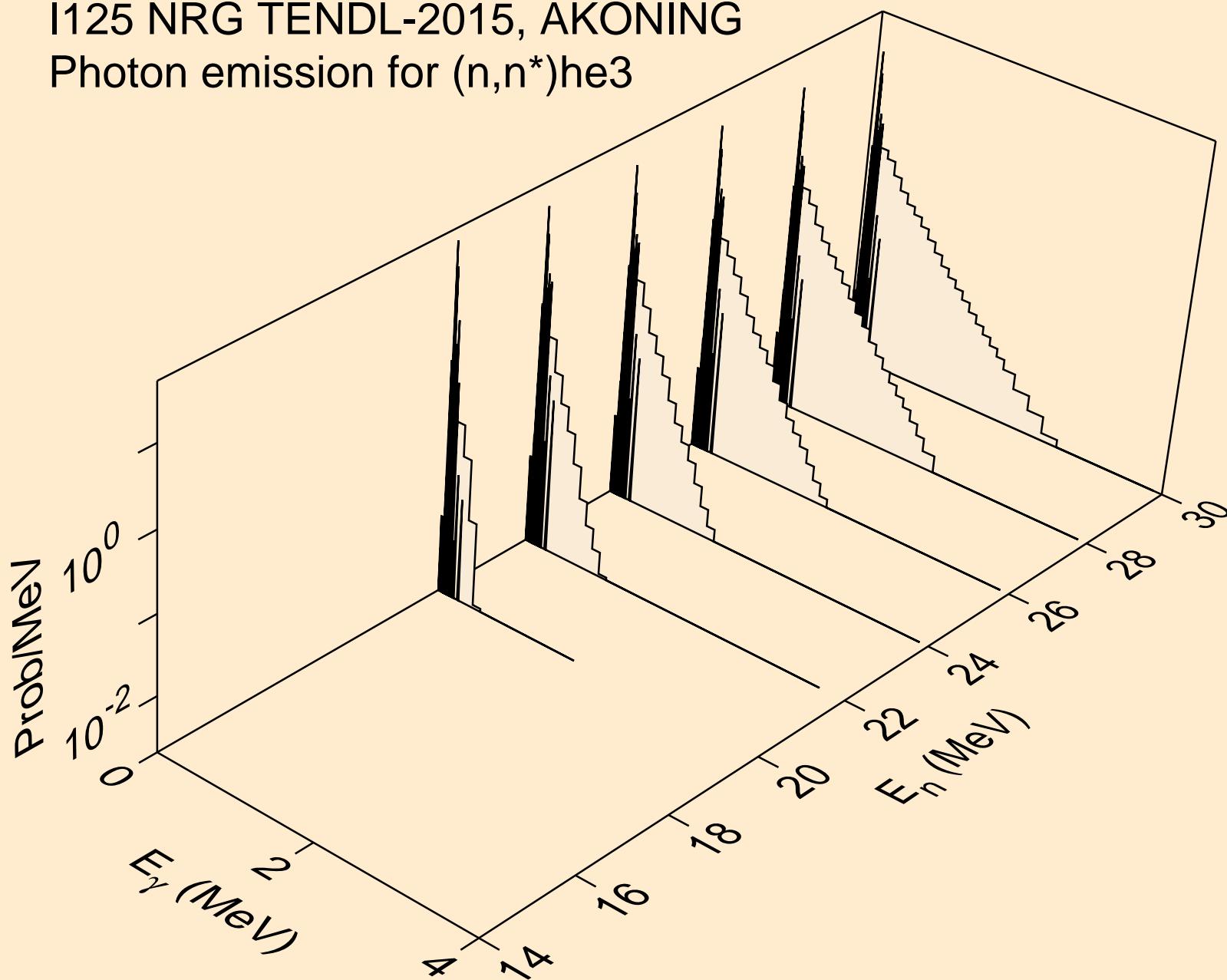
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Photon emission for  $(n,n^*)d$



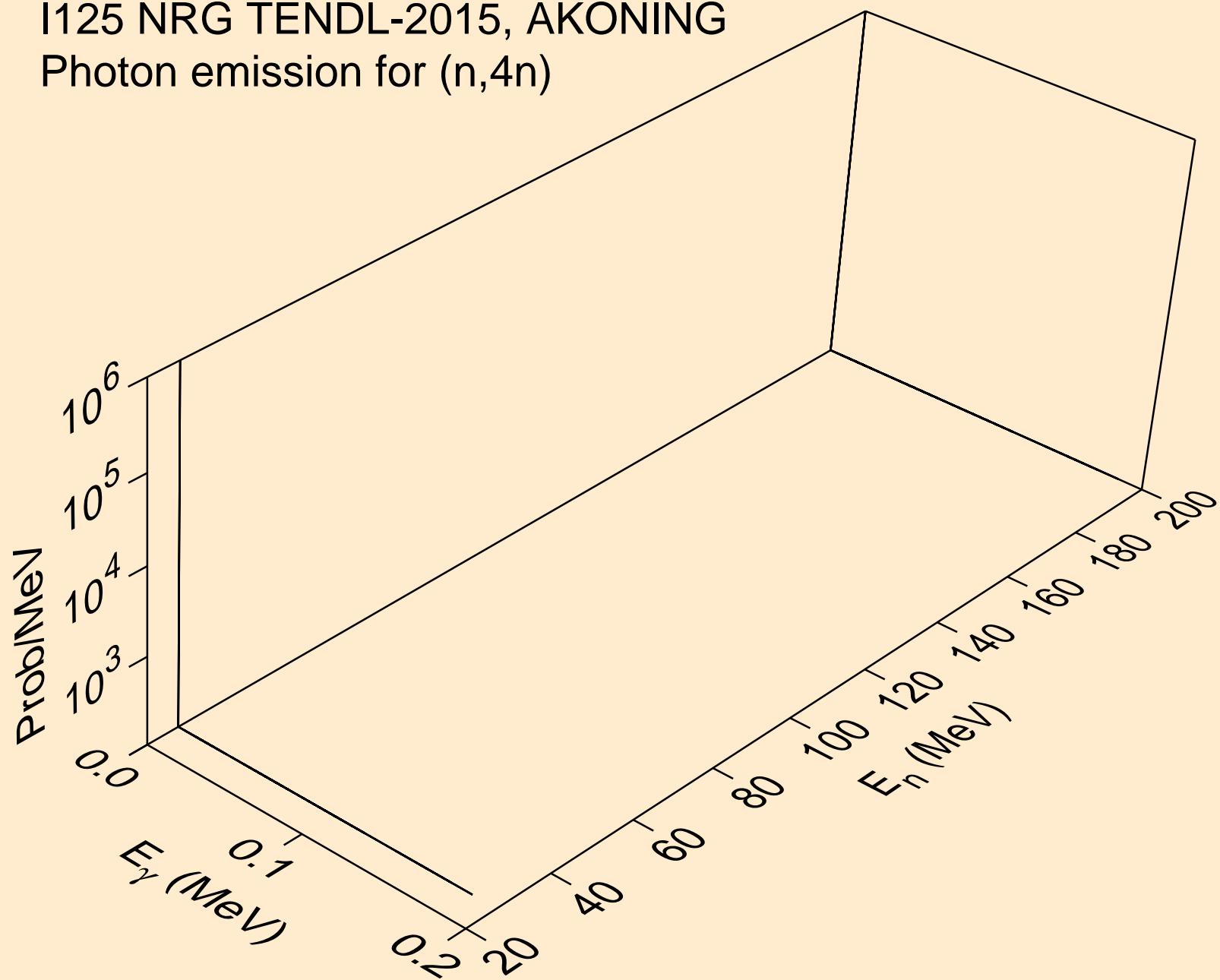
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Photon emission for  $(n,n^*)t$



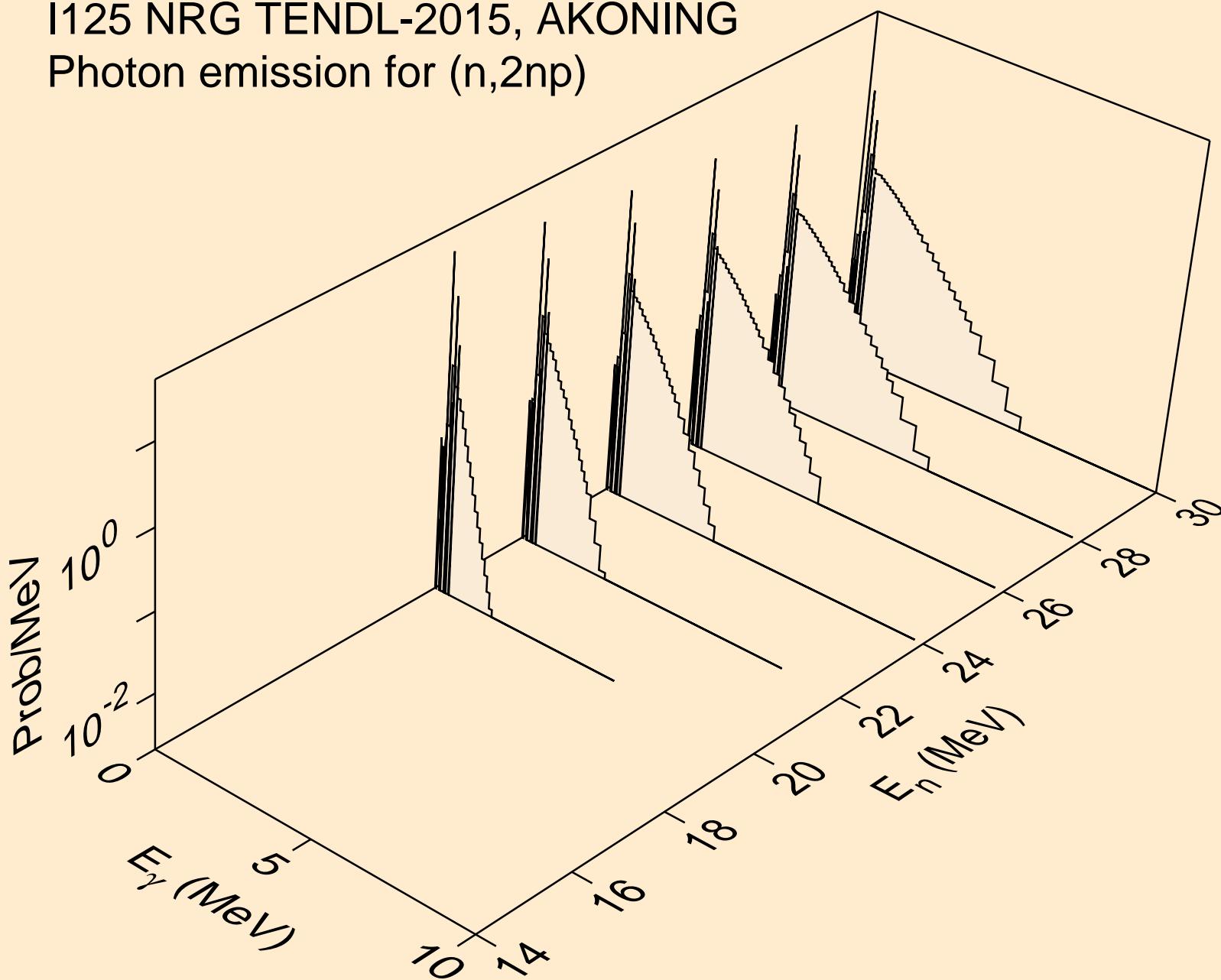
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Photon emission for  $(n,n^*)\text{he3}$



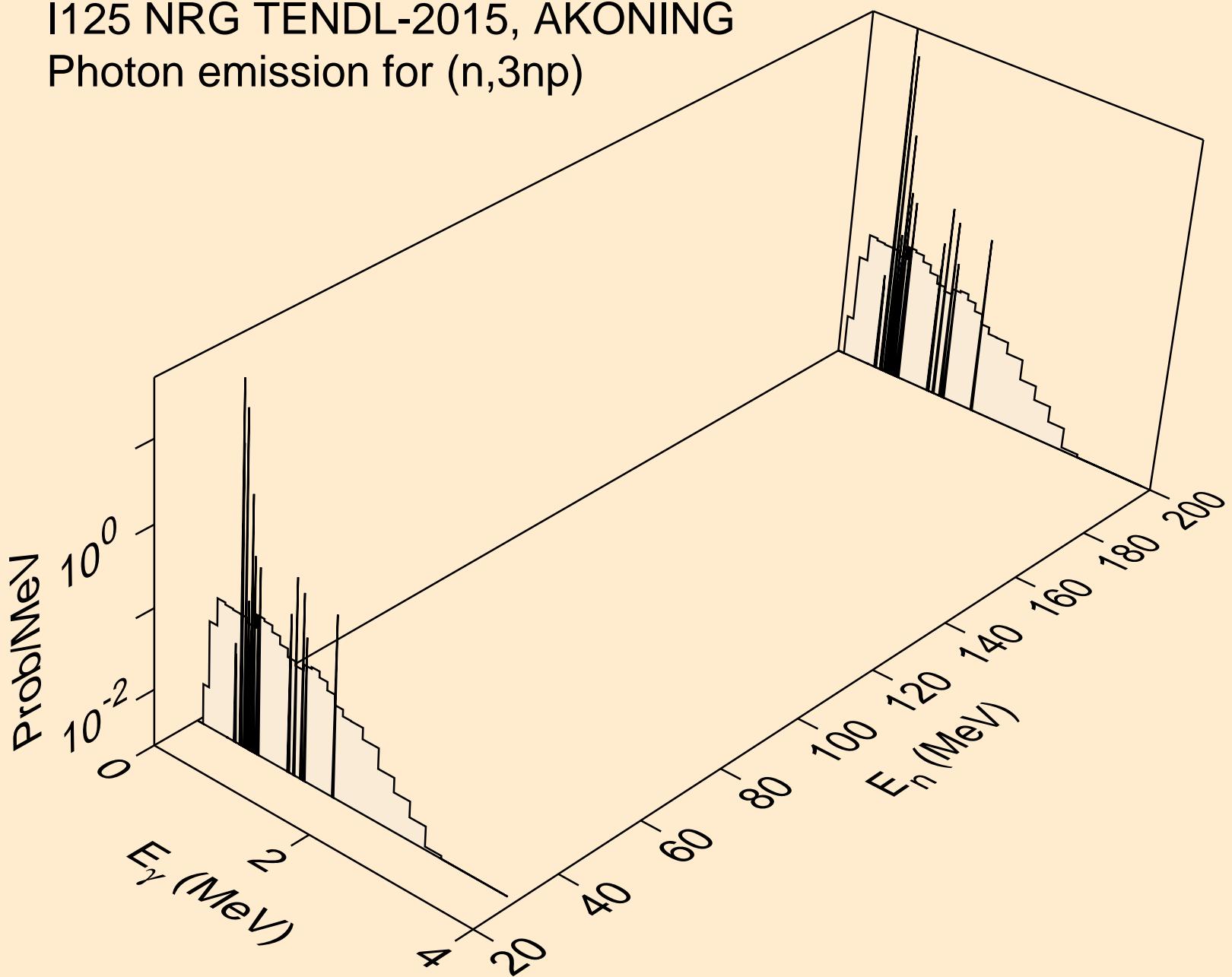
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Photon emission for (n,4n)



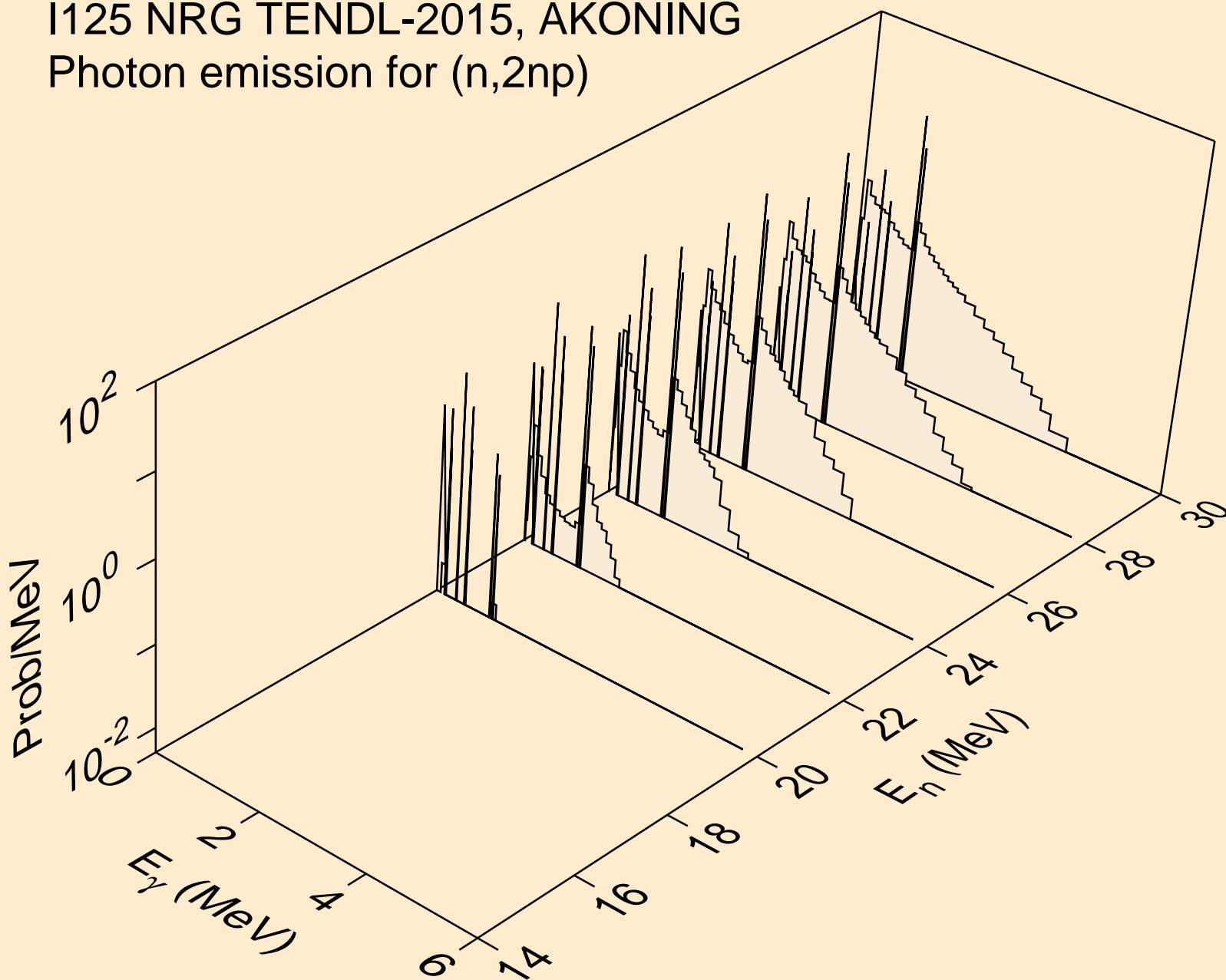
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Photon emission for (n,2np)



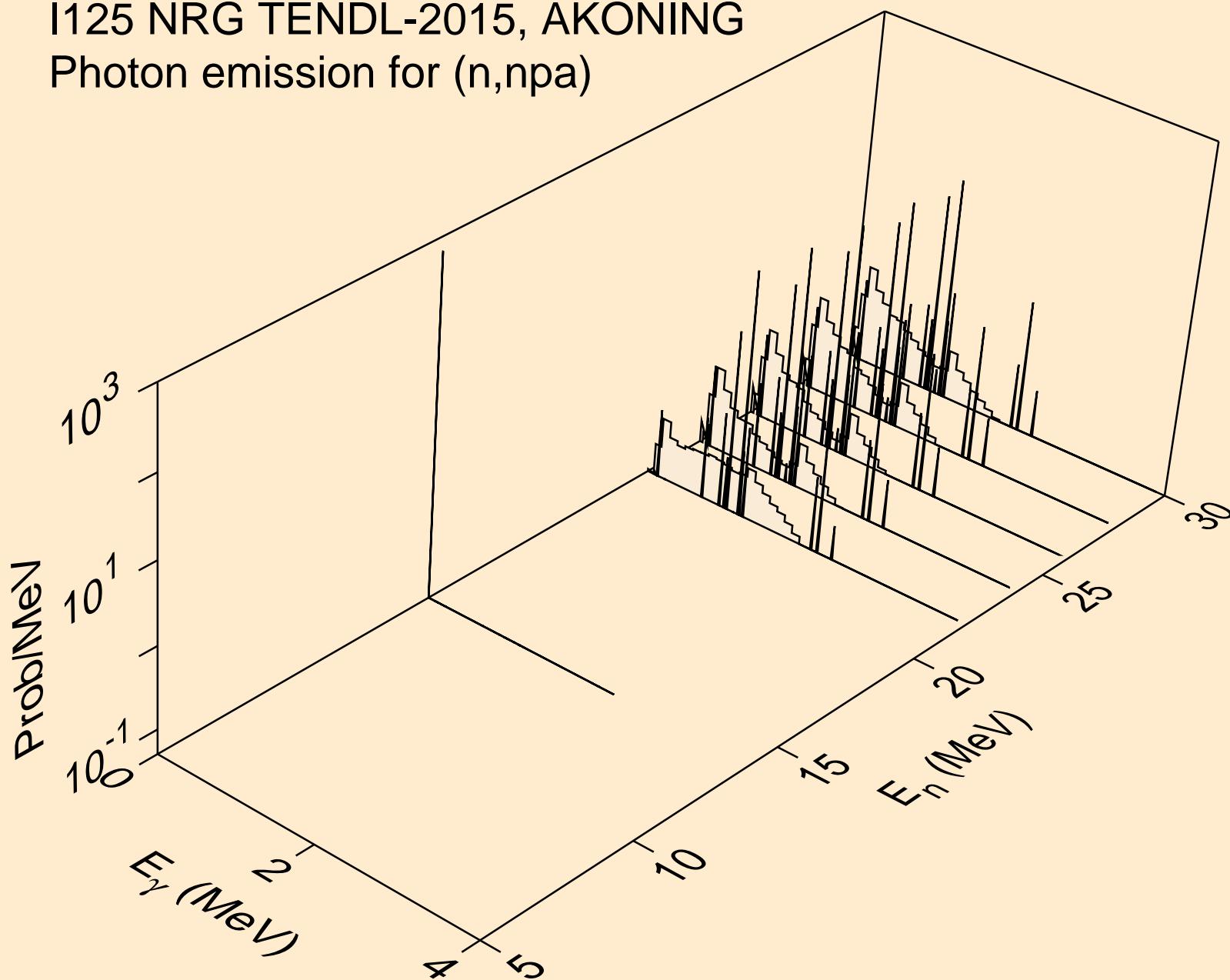
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Photon emission for (n,3np)



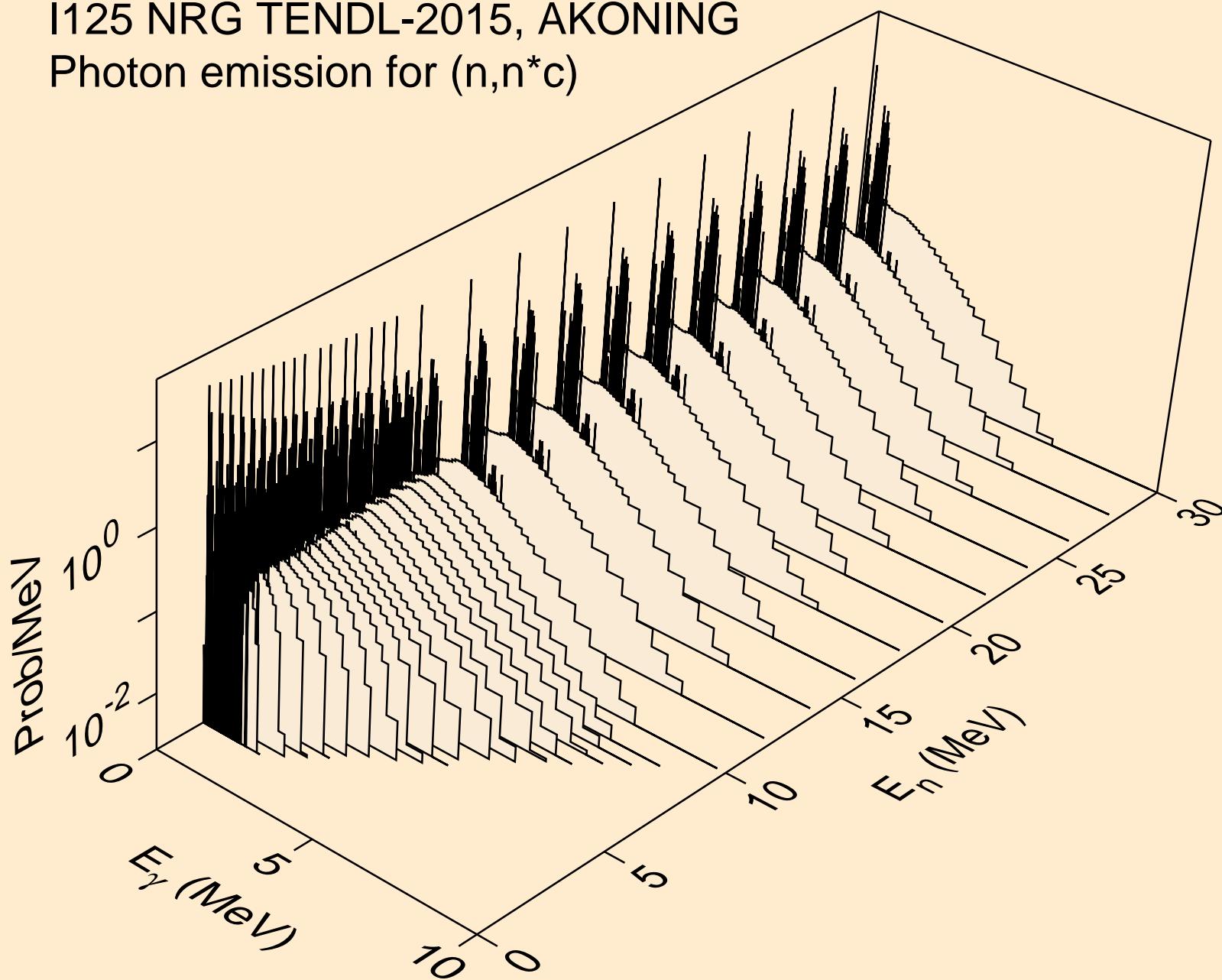
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Photon emission for (n,2np)



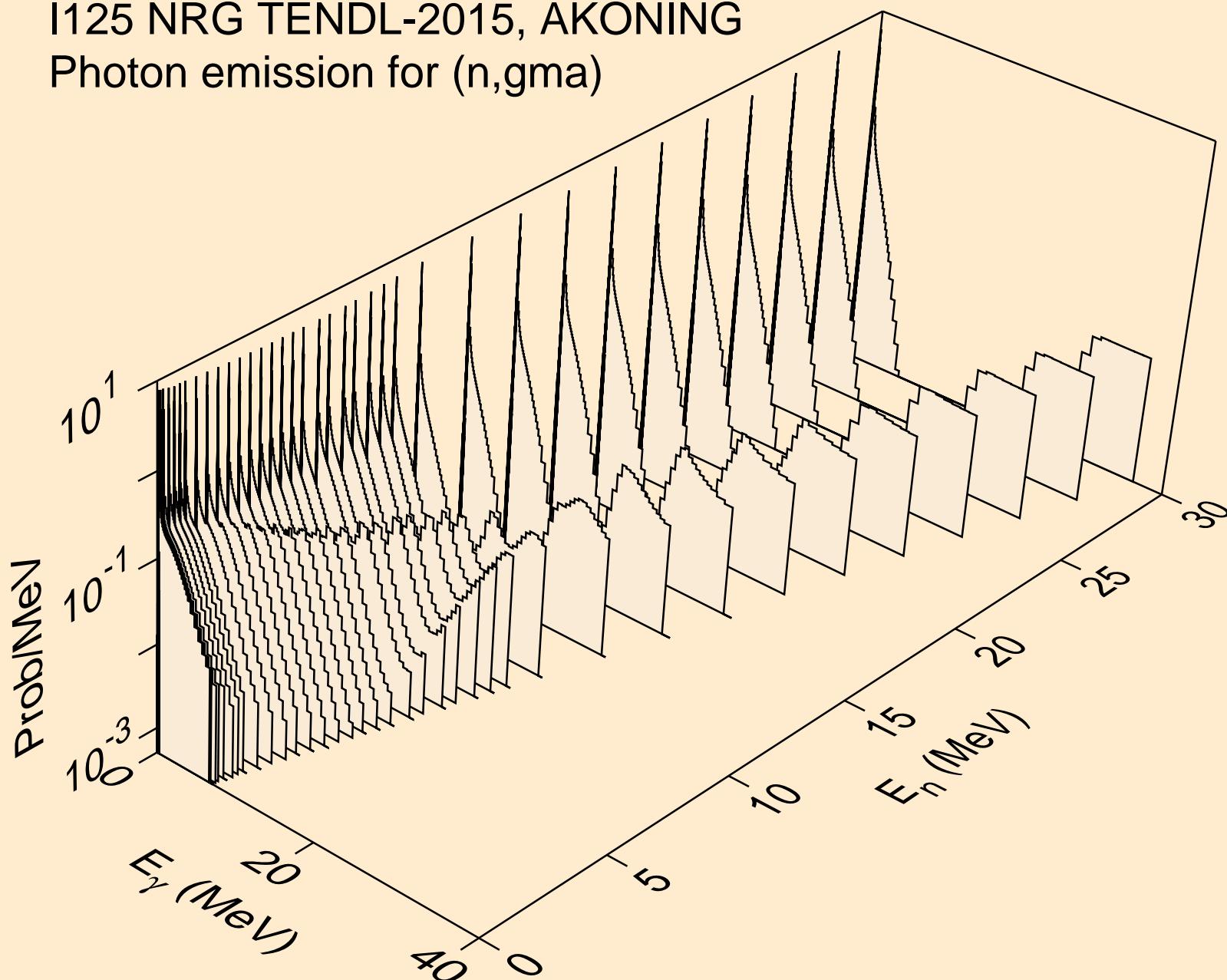
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Photon emission for (n,npa)



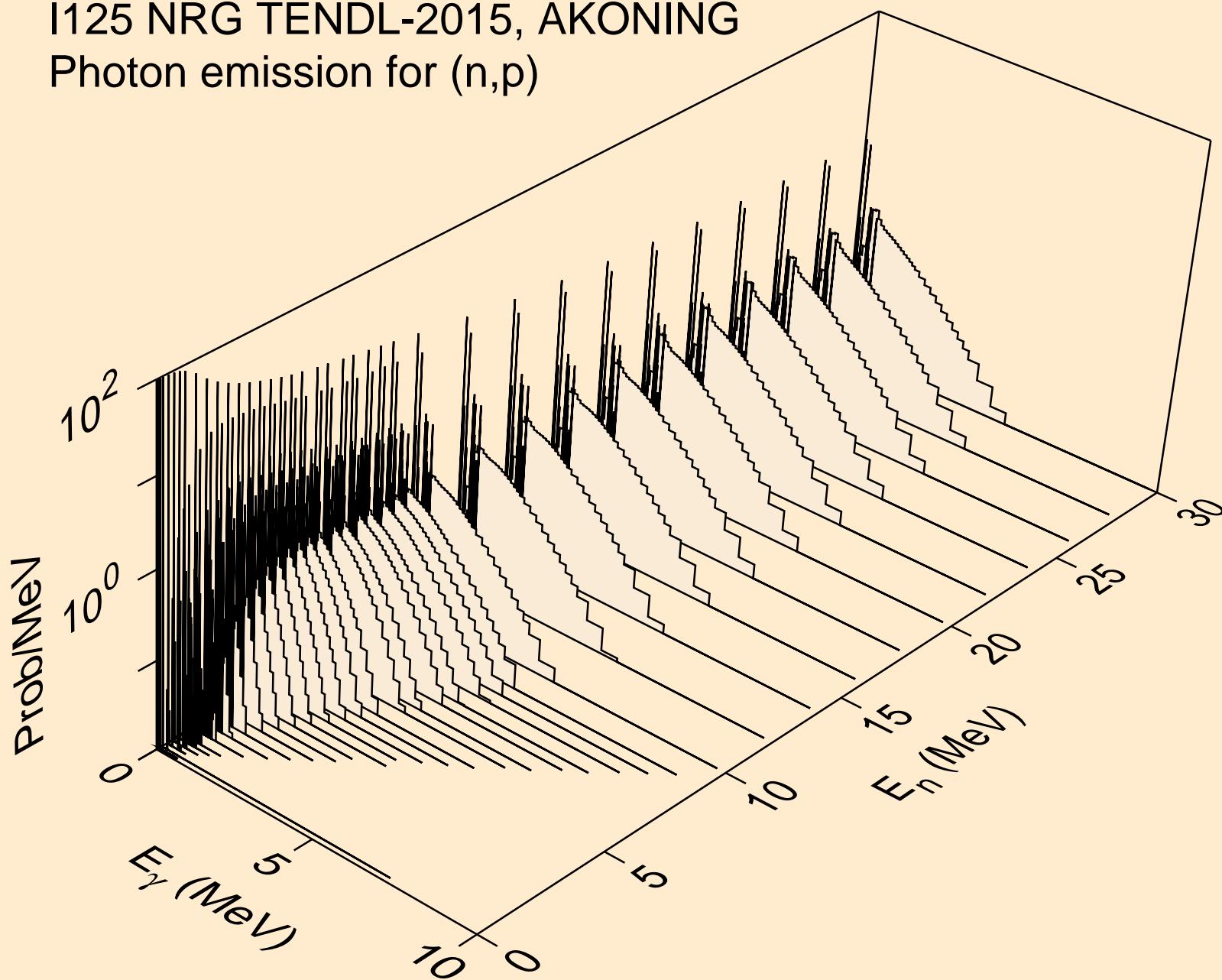
I125 NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^*c$ )



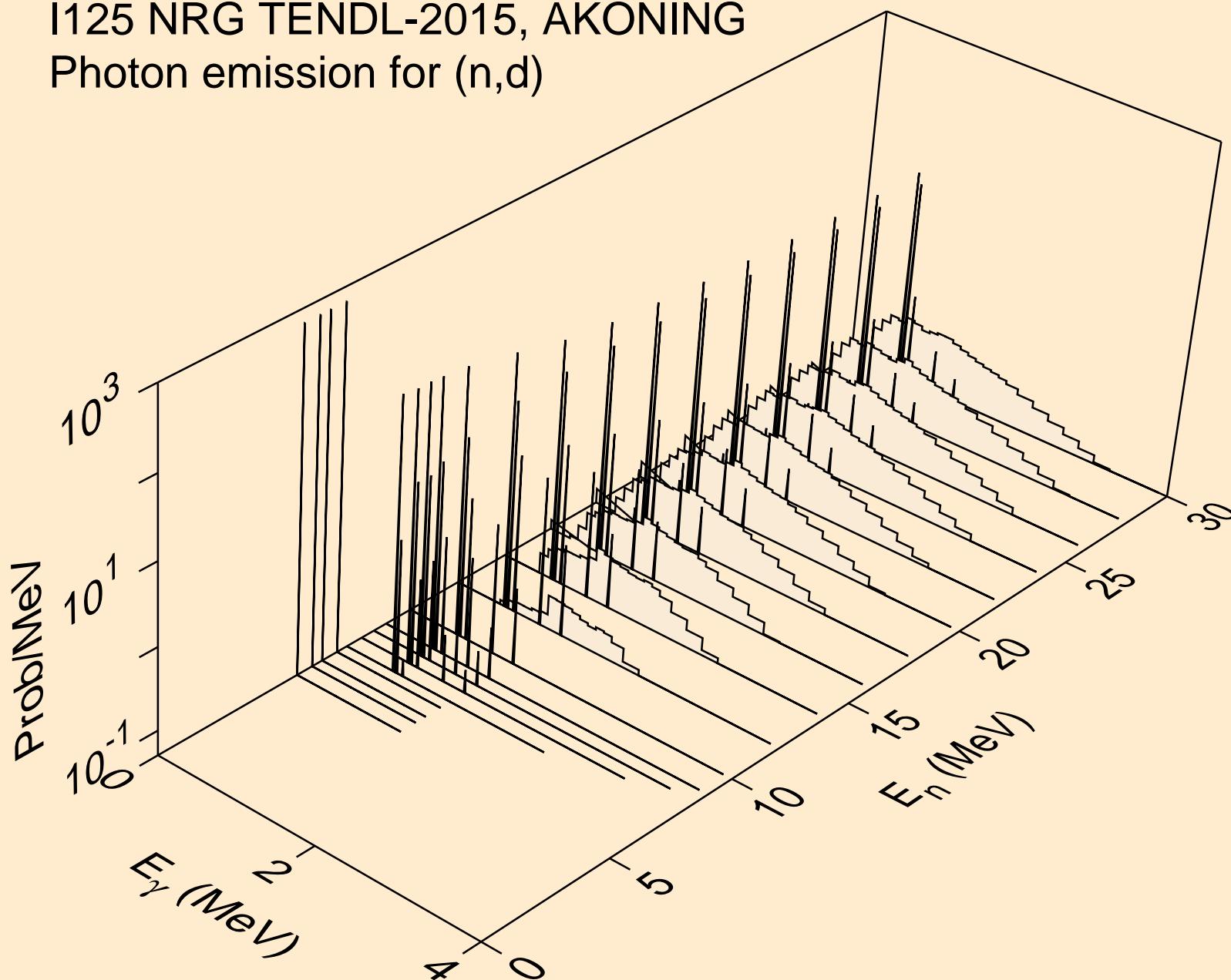
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Photon emission for (n,gma)



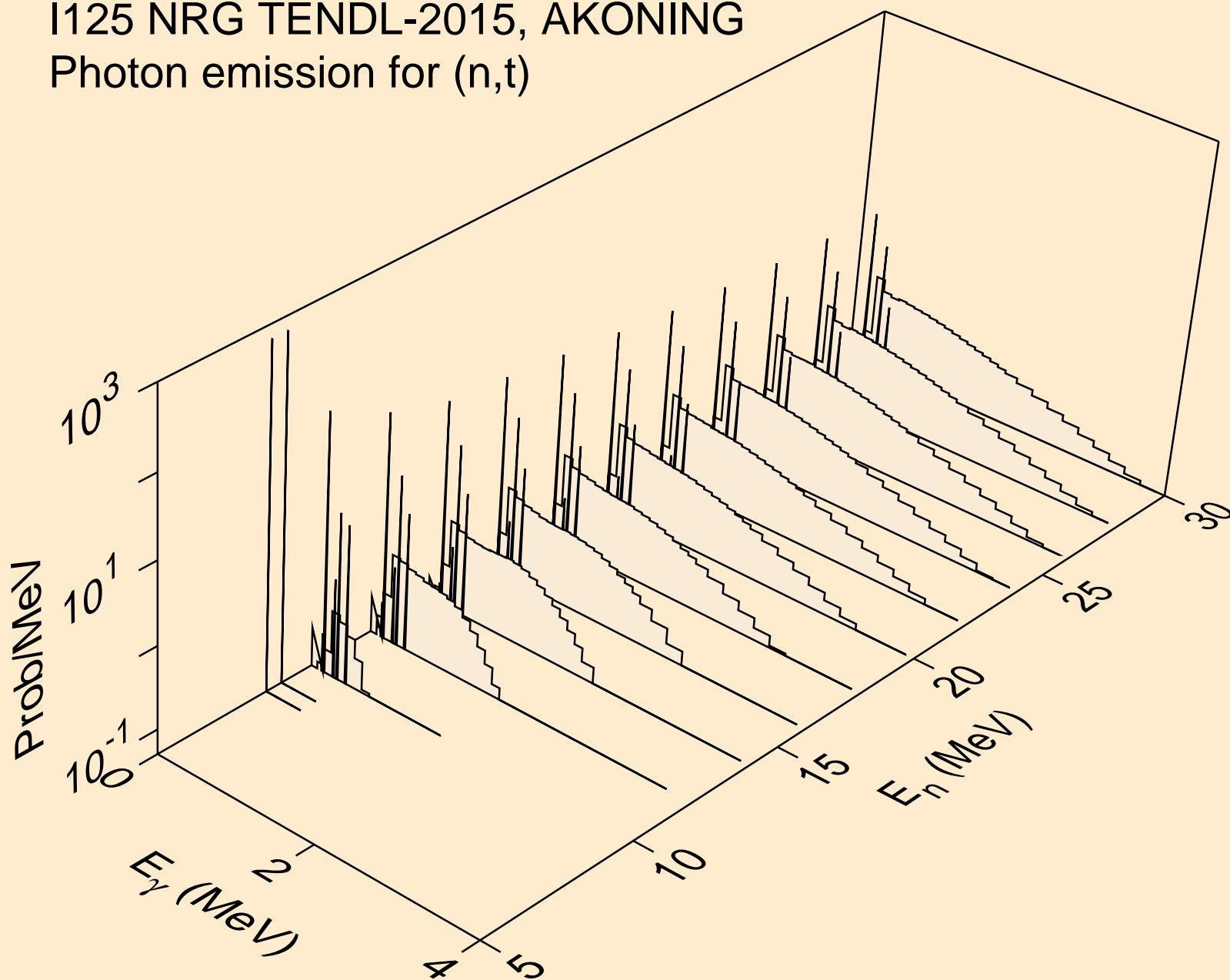
I125 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



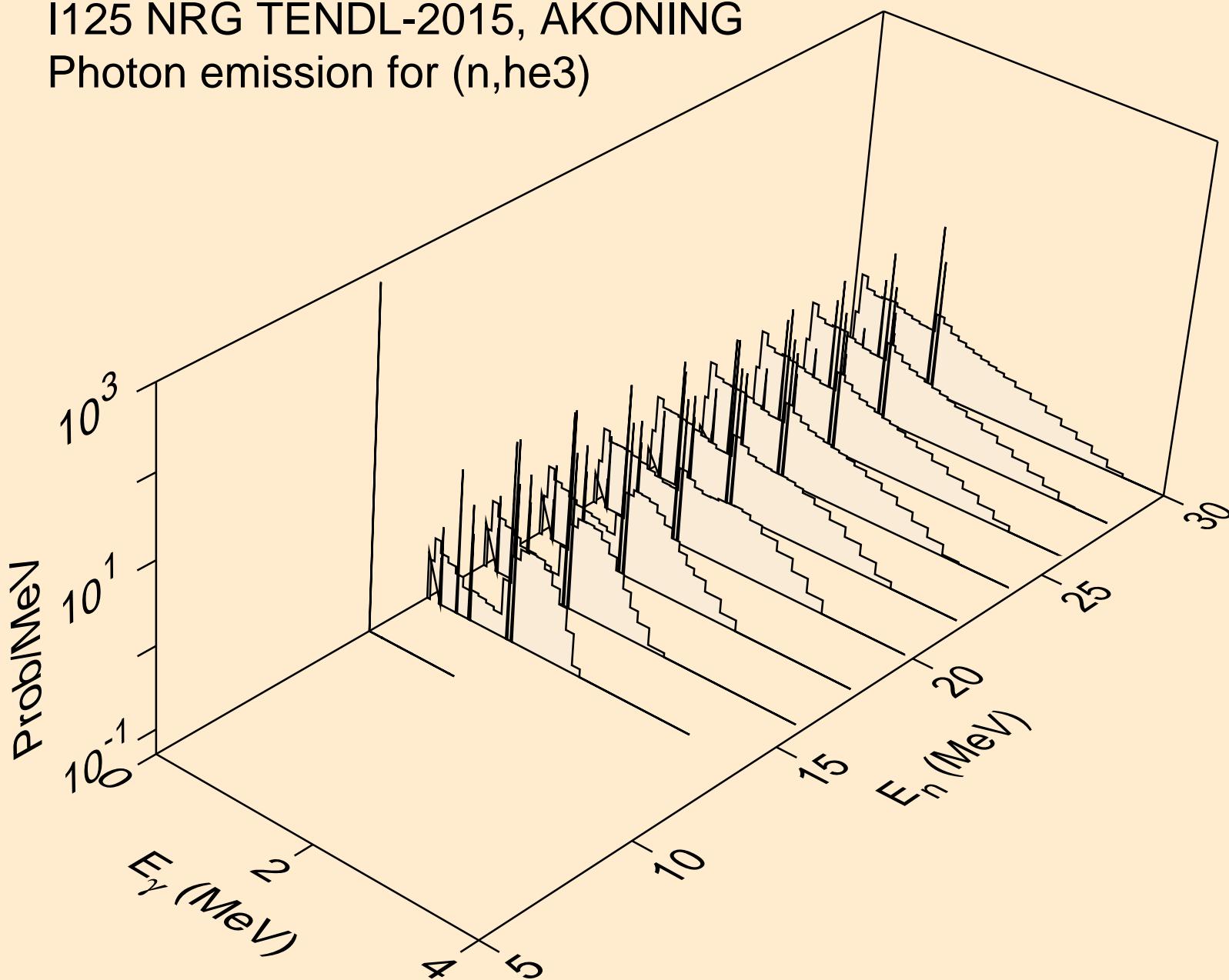
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Photon emission for (n,d)



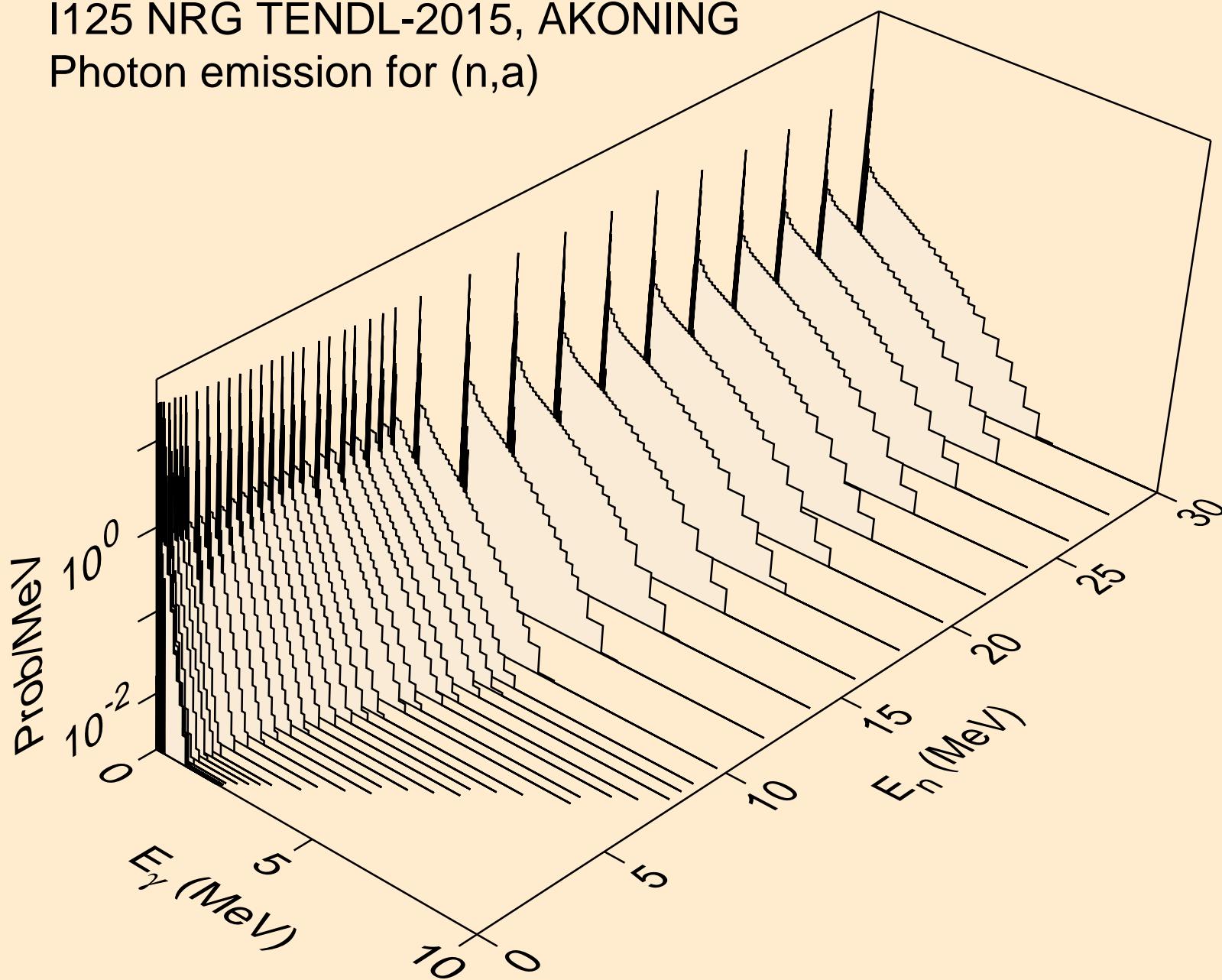
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Photon emission for (n,t)



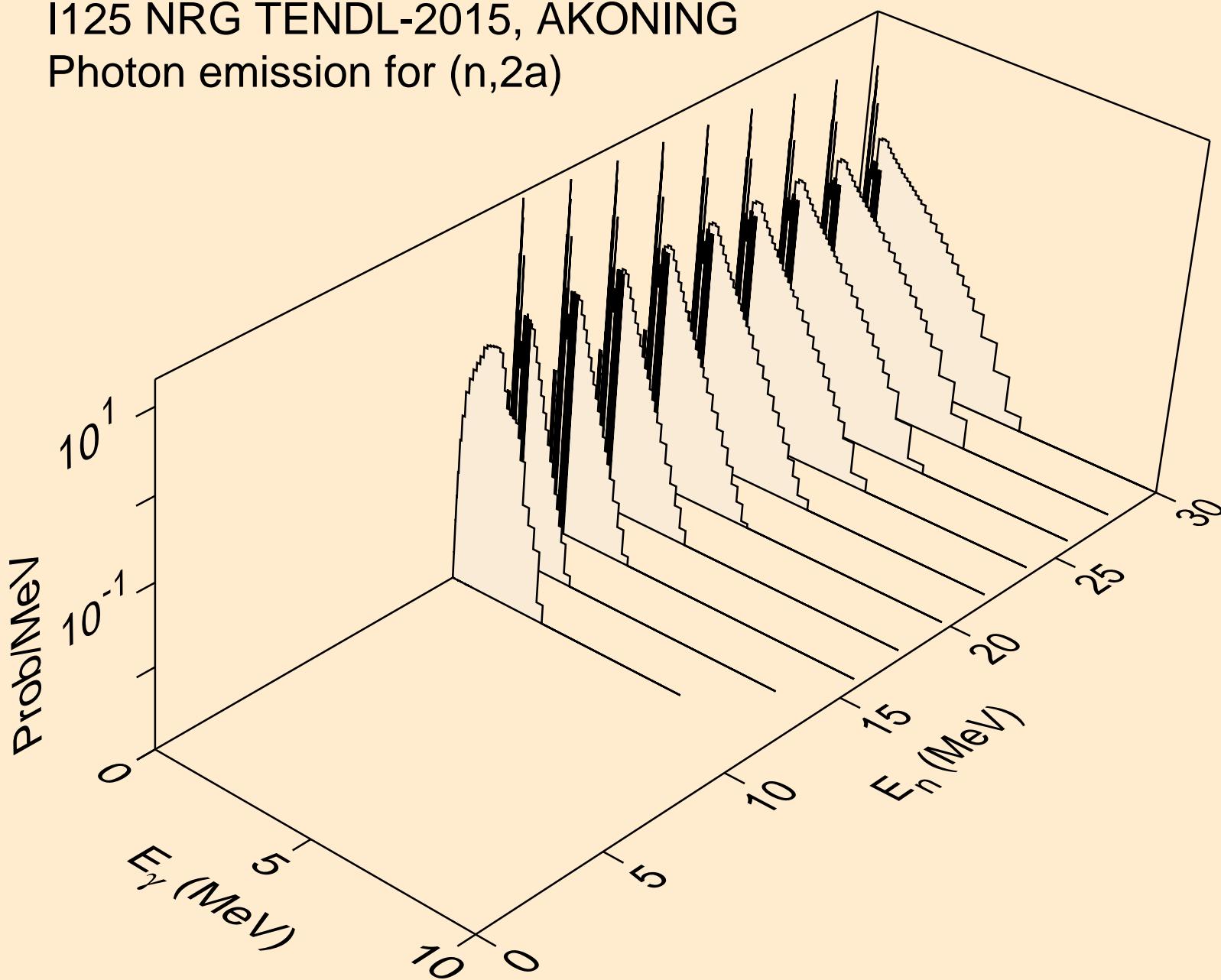
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Photon emission for (n,he3)



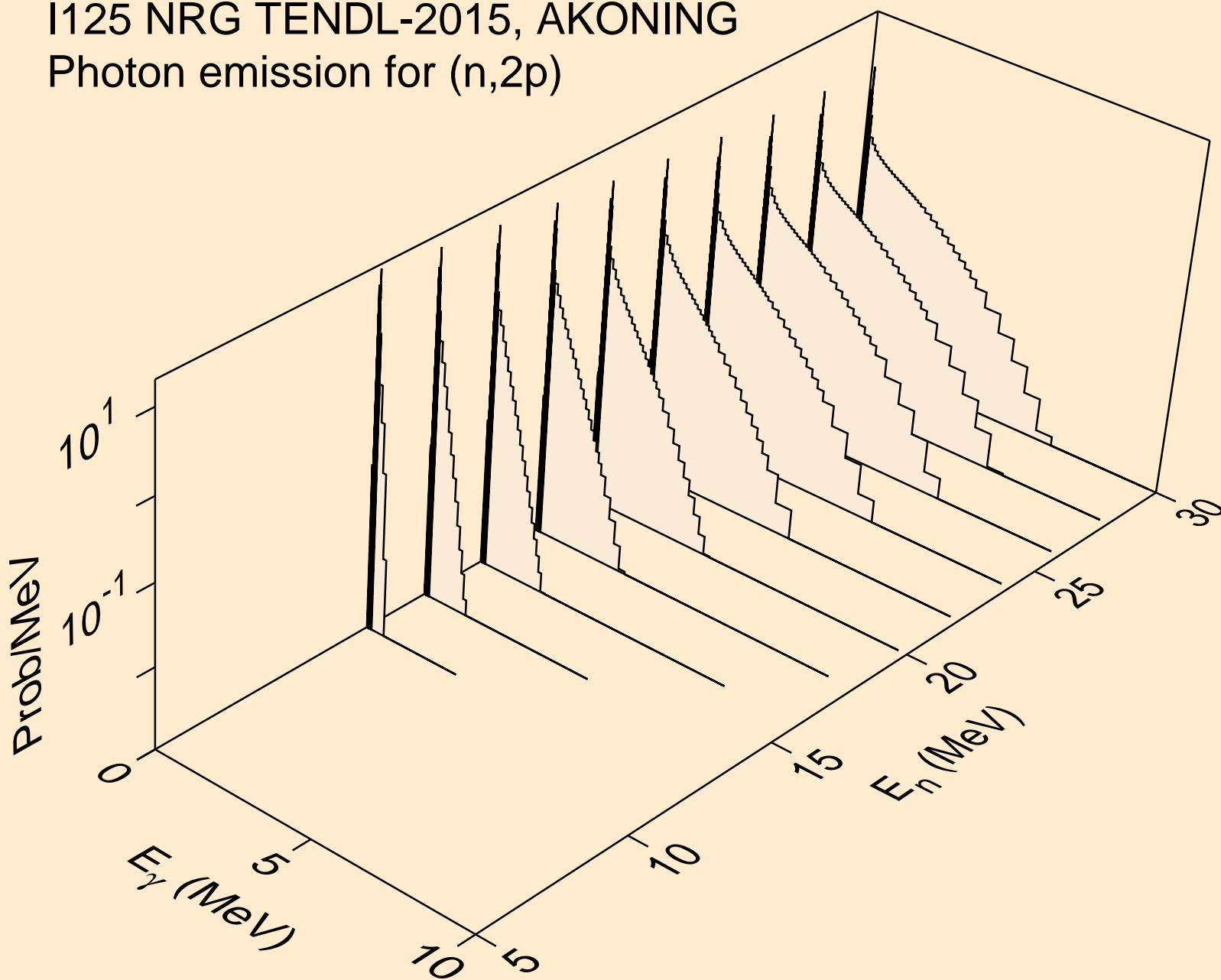
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Photon emission for (n,a)



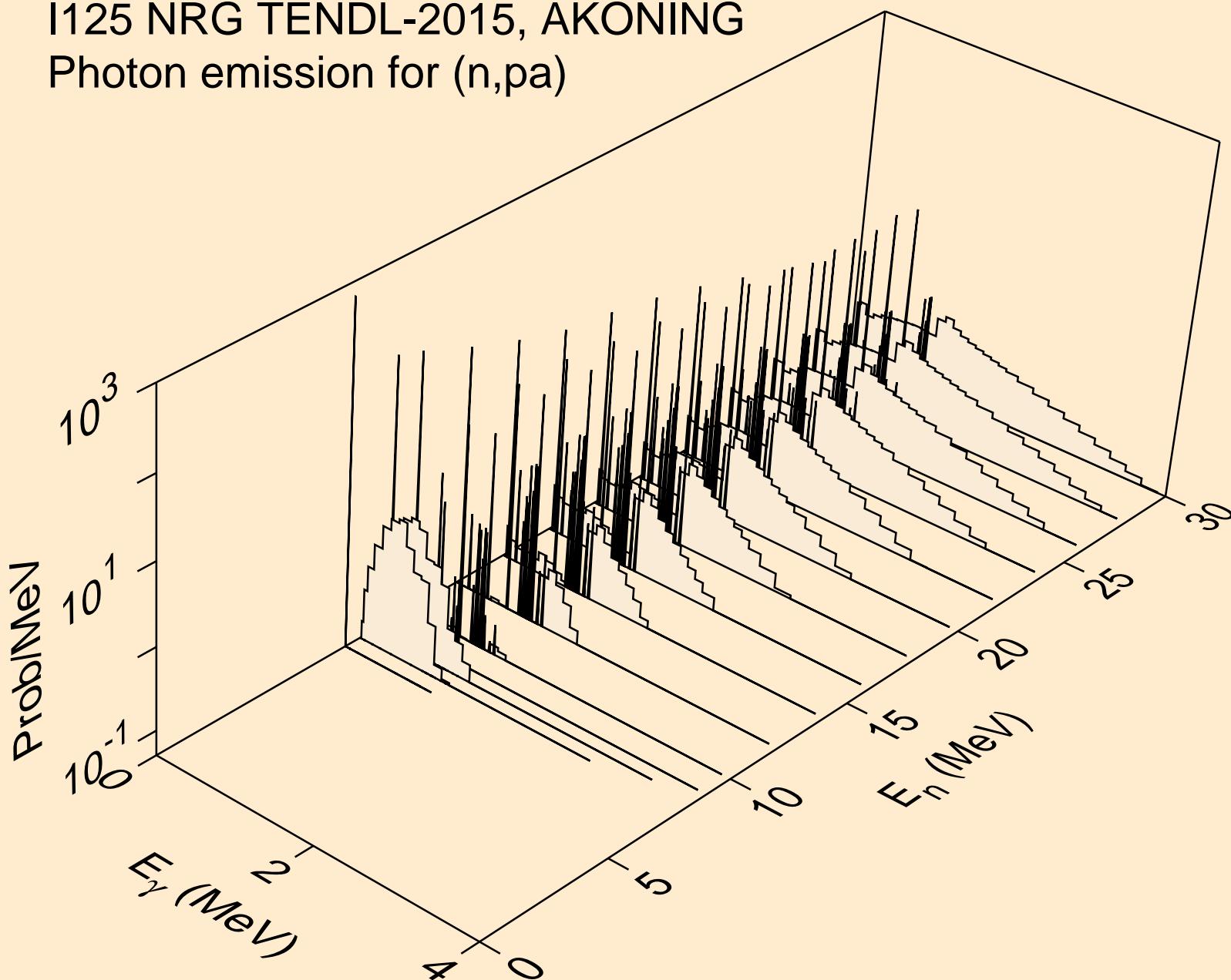
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Photon emission for (n,2a)



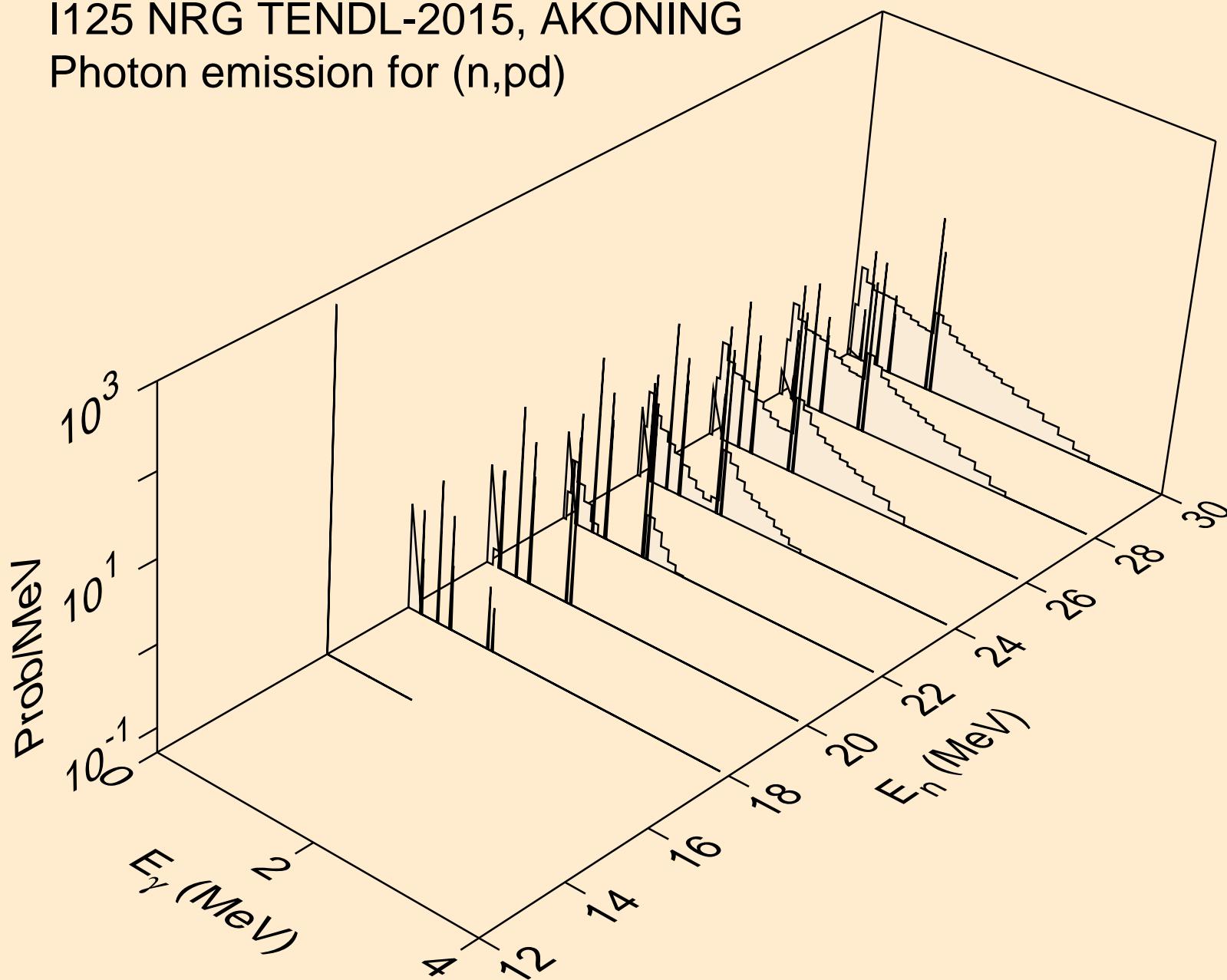
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Photon emission for (n,2p)



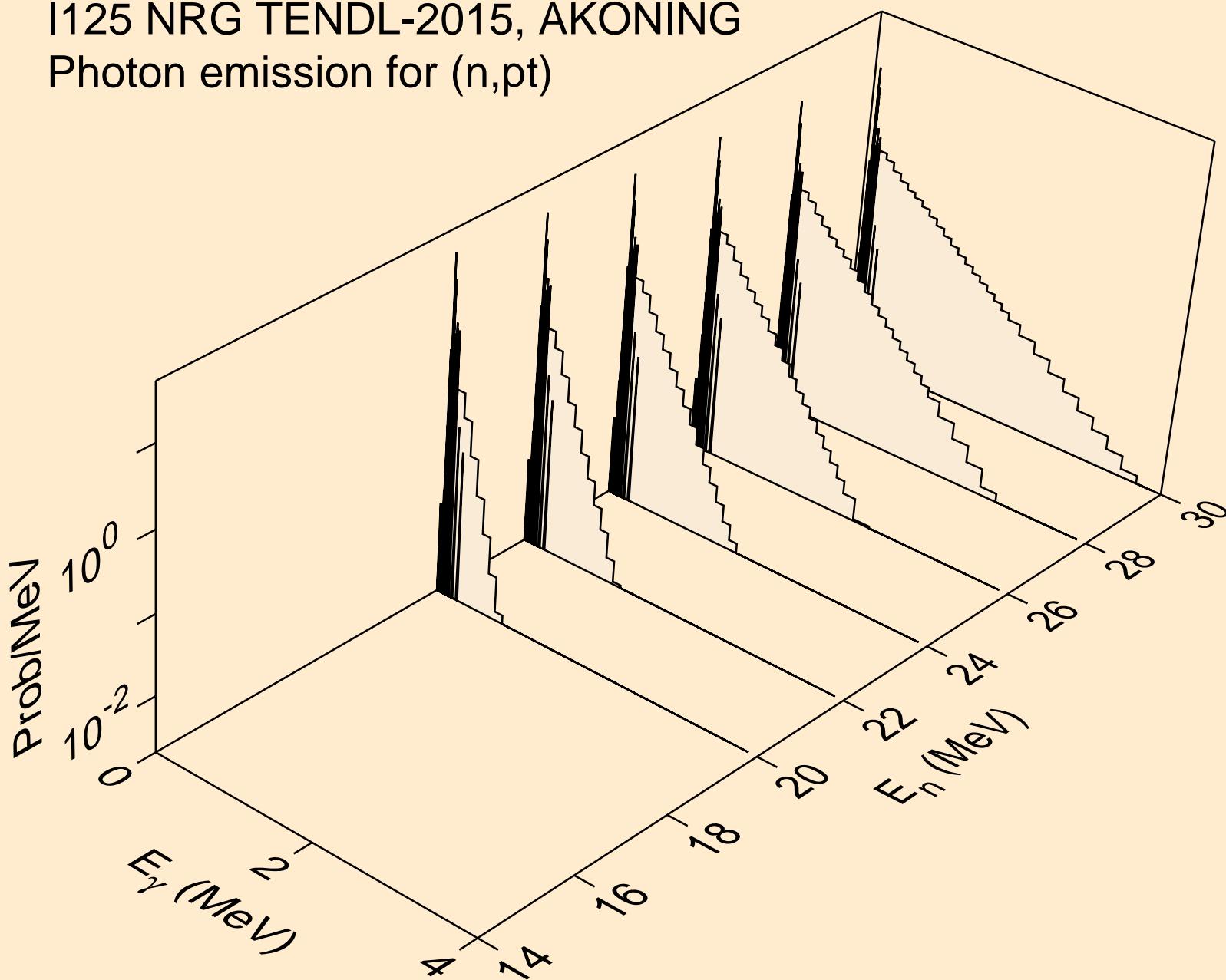
I125 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



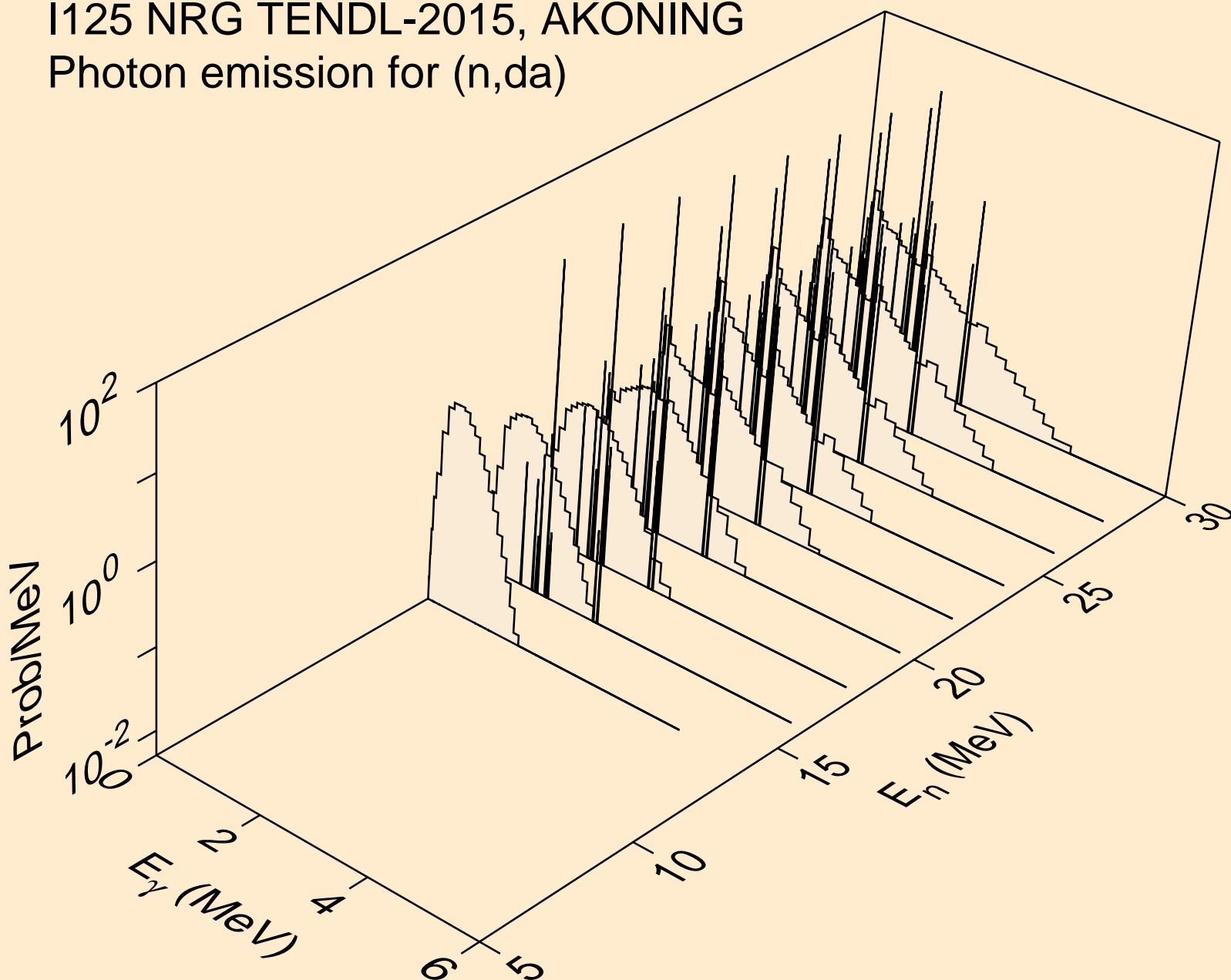
I125 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



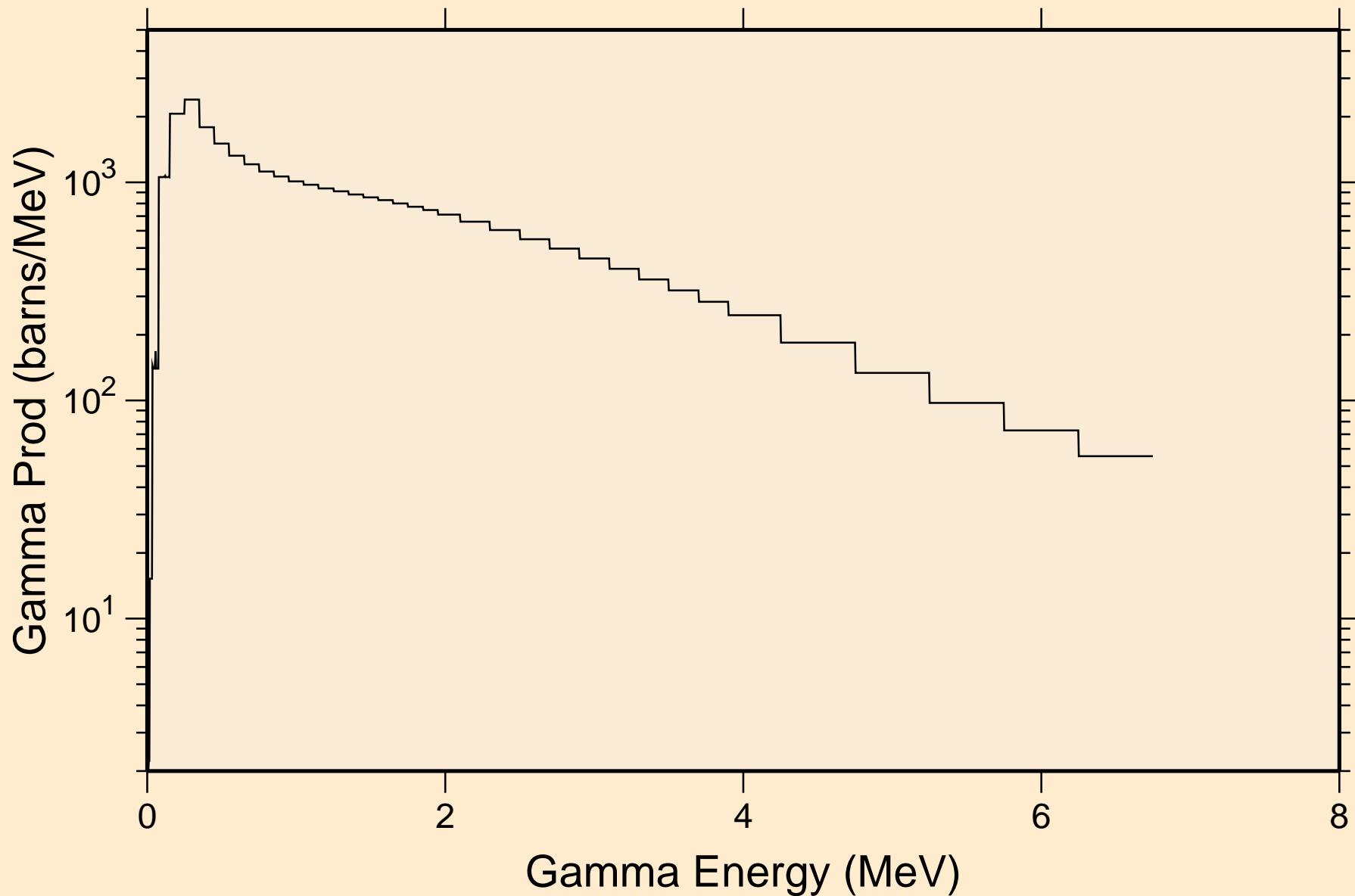
I125 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



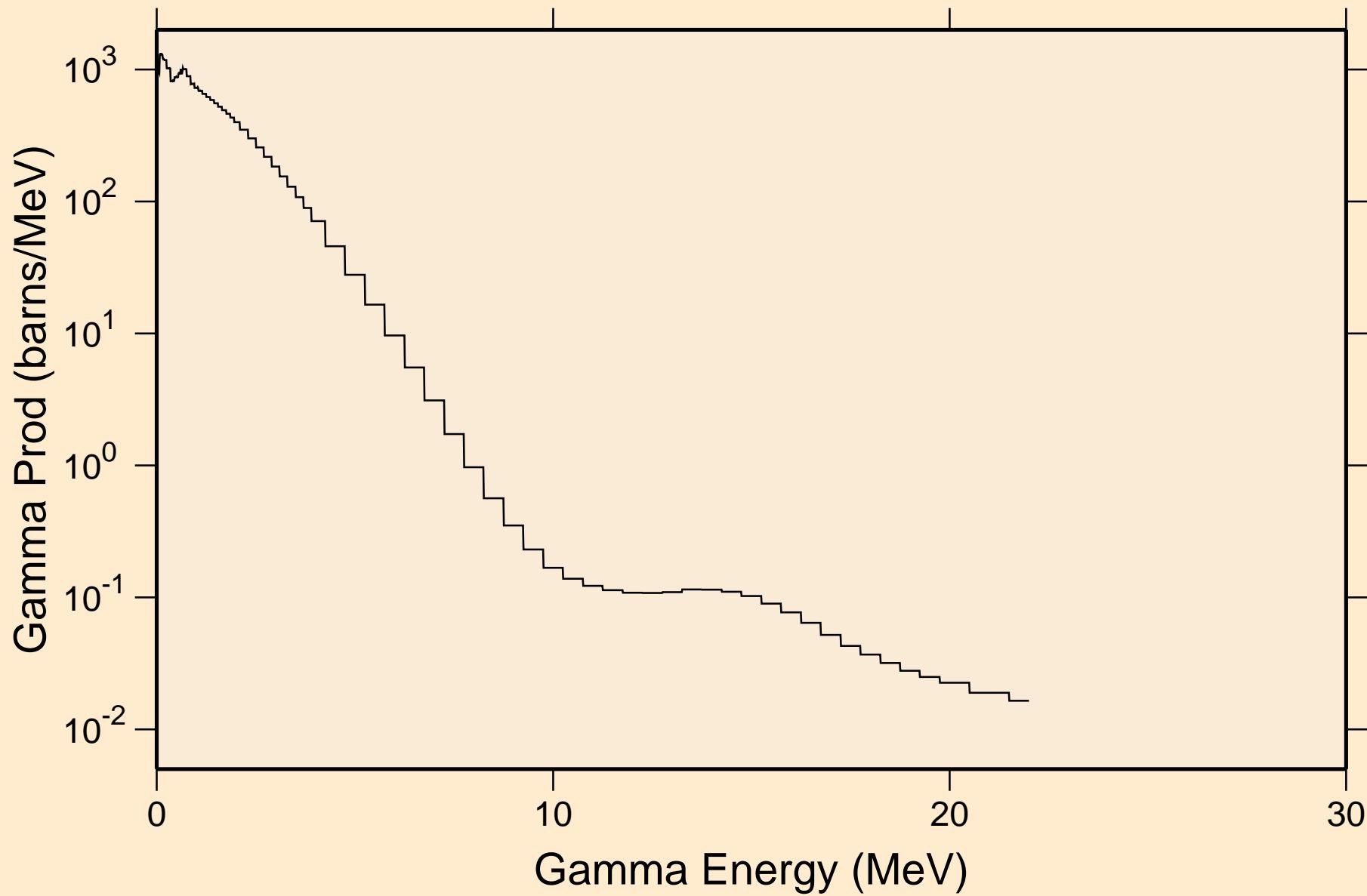
I125 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



I125 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

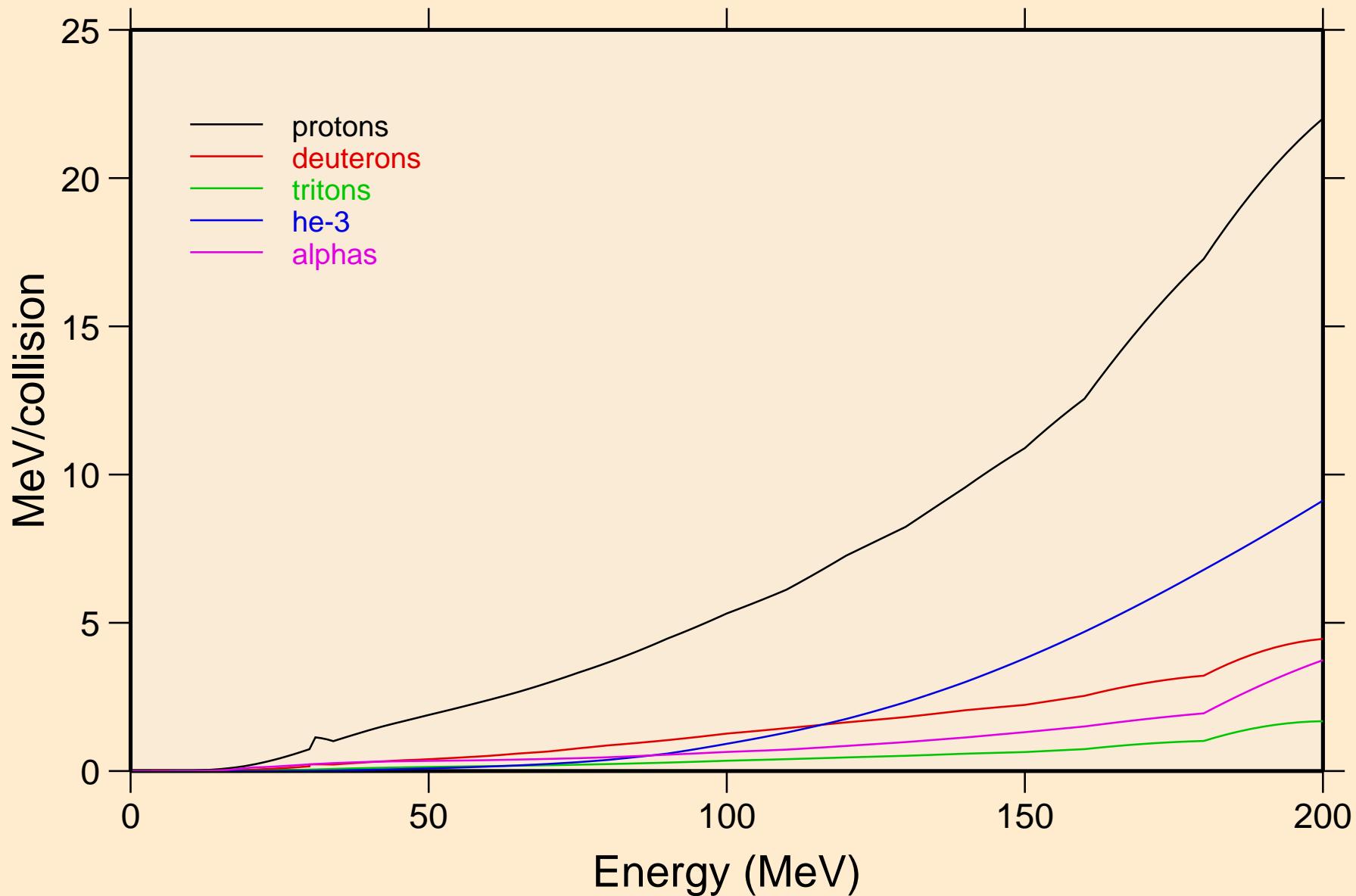


I125 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



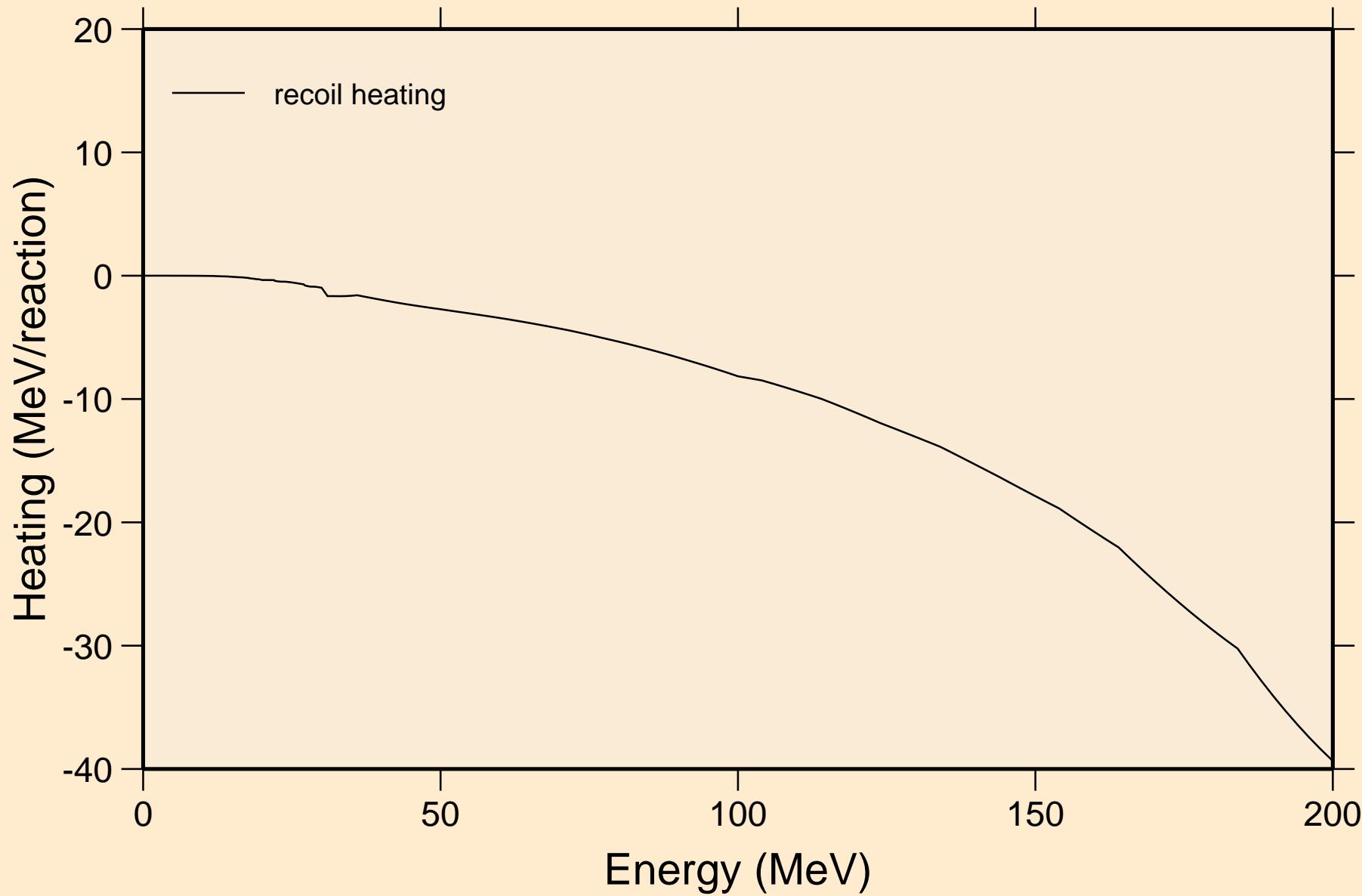
# I125 NRG TENDL-2015, AKONING

## Particle heating contributions



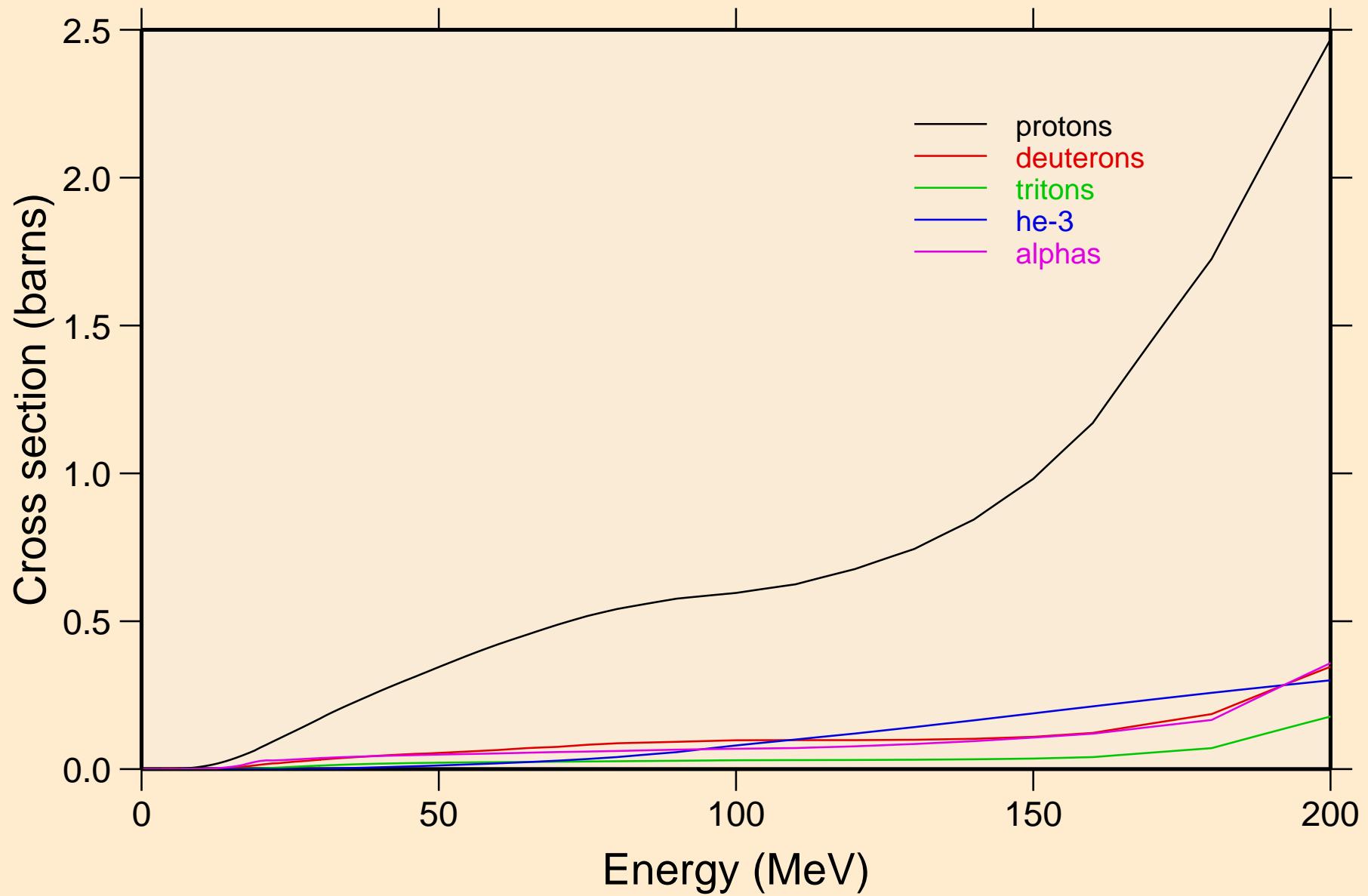
# I125 NRG TENDL-2015, AKONING

## Recoil Heating

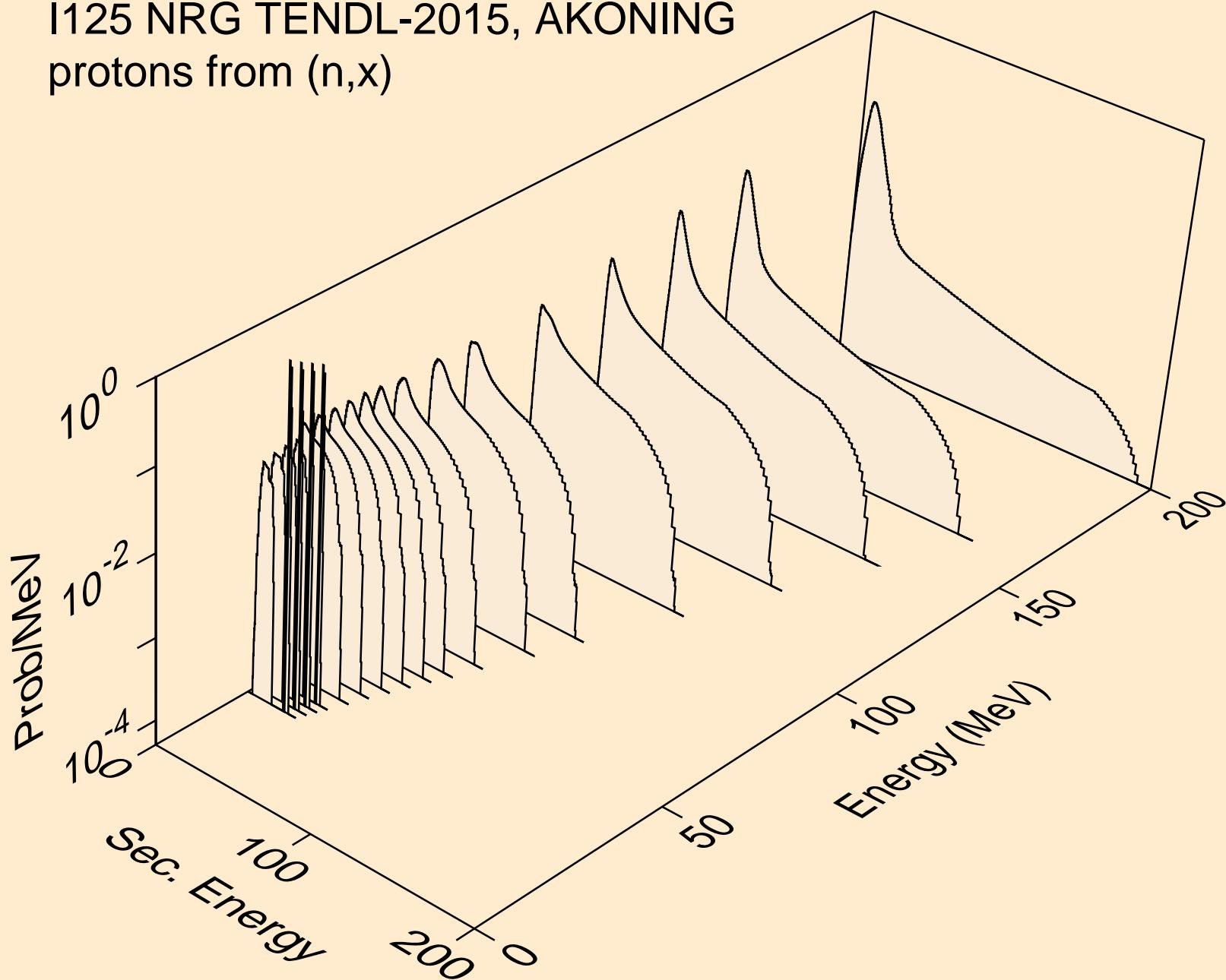


# I125 NRG TENDL-2015, AKONING

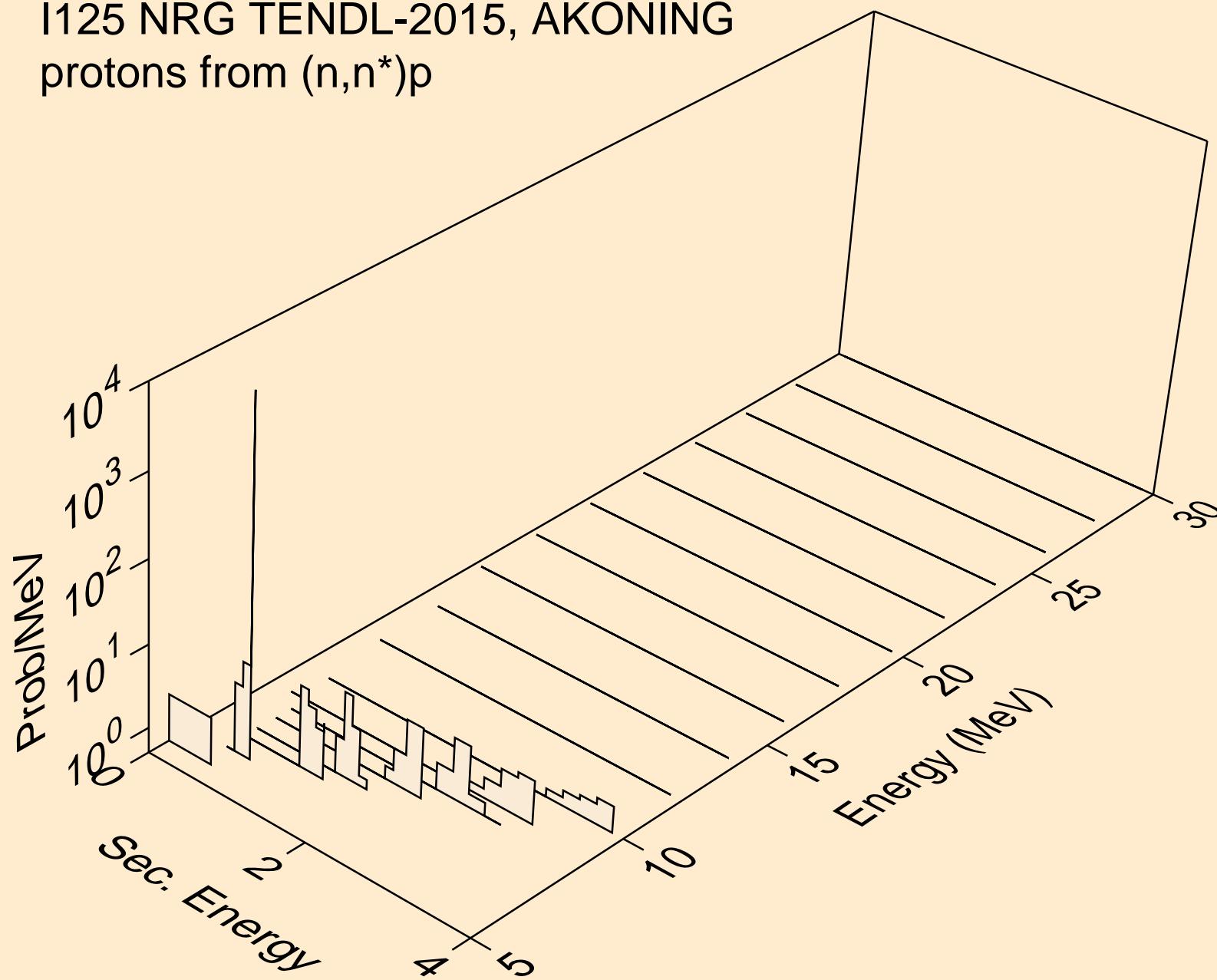
## Particle production cross sections



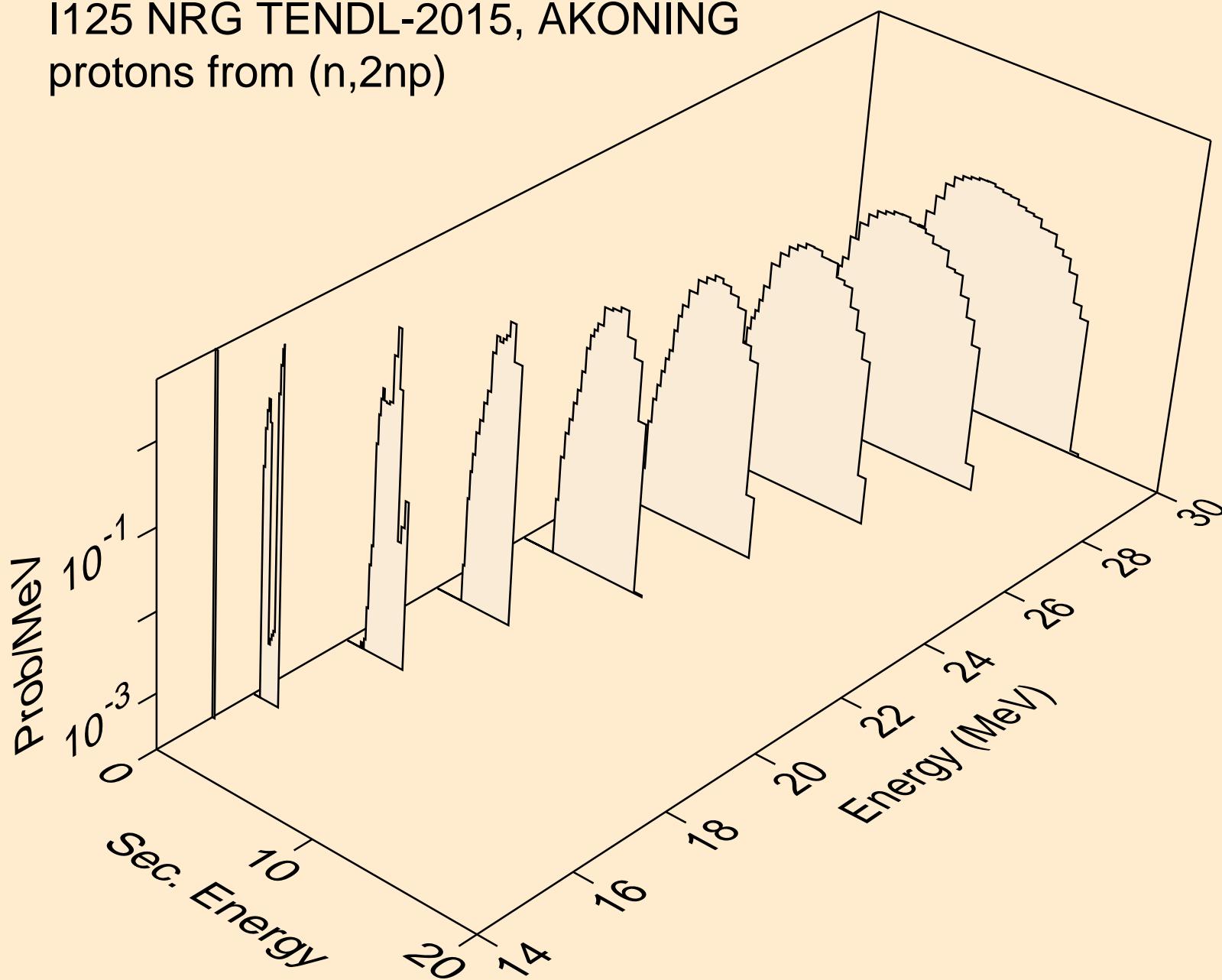
I125 NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



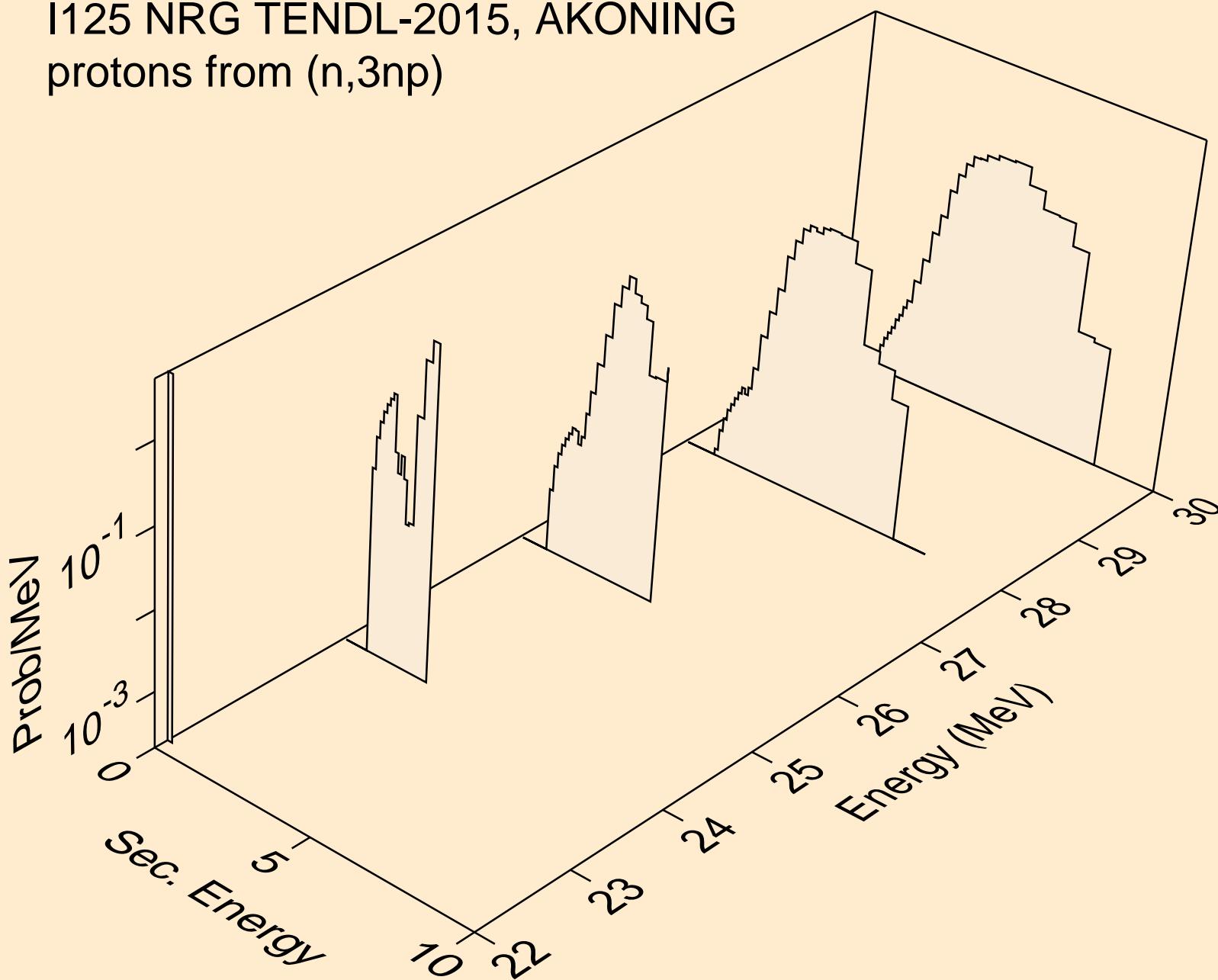
I125 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



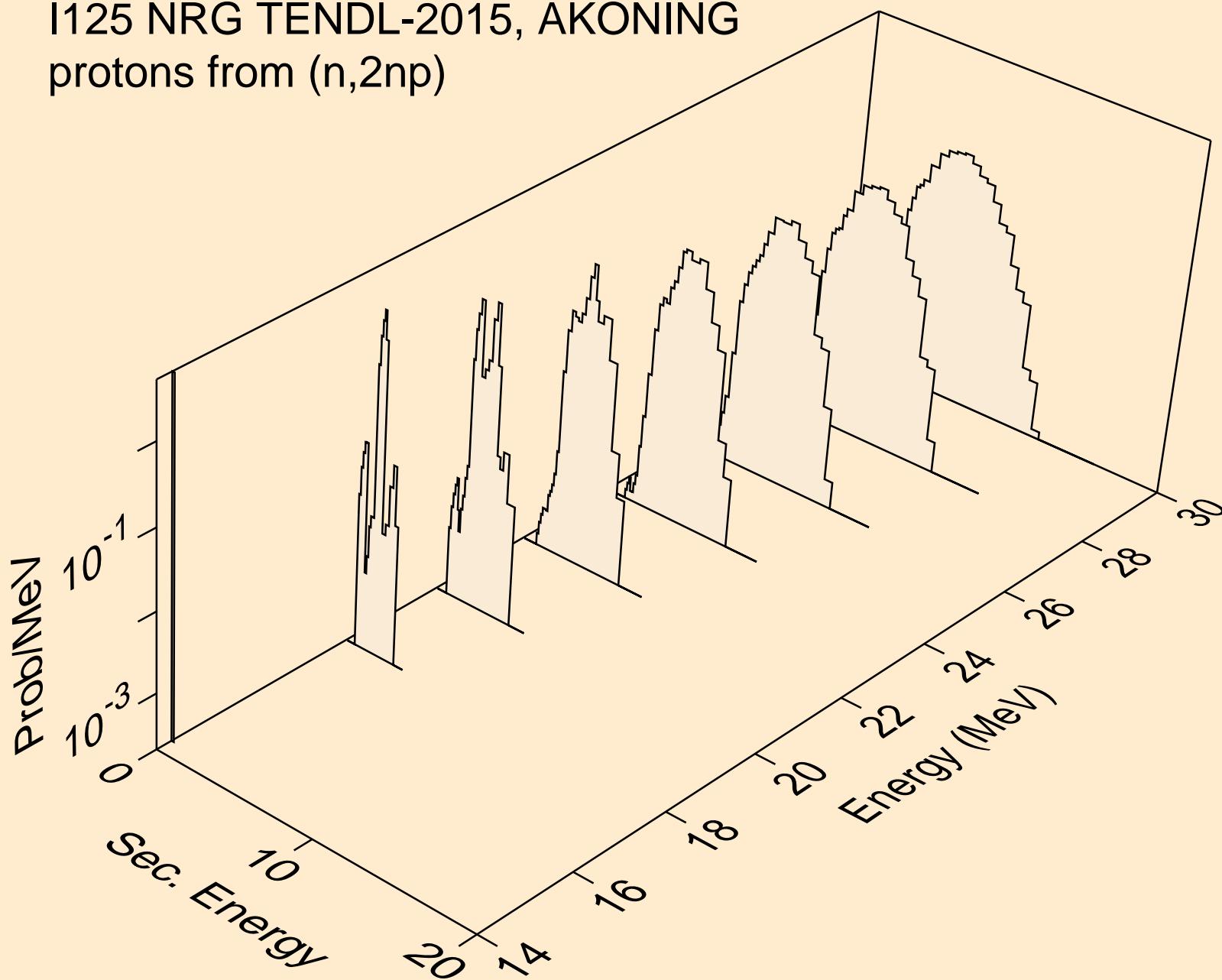
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protons from ( $n,2np$ )



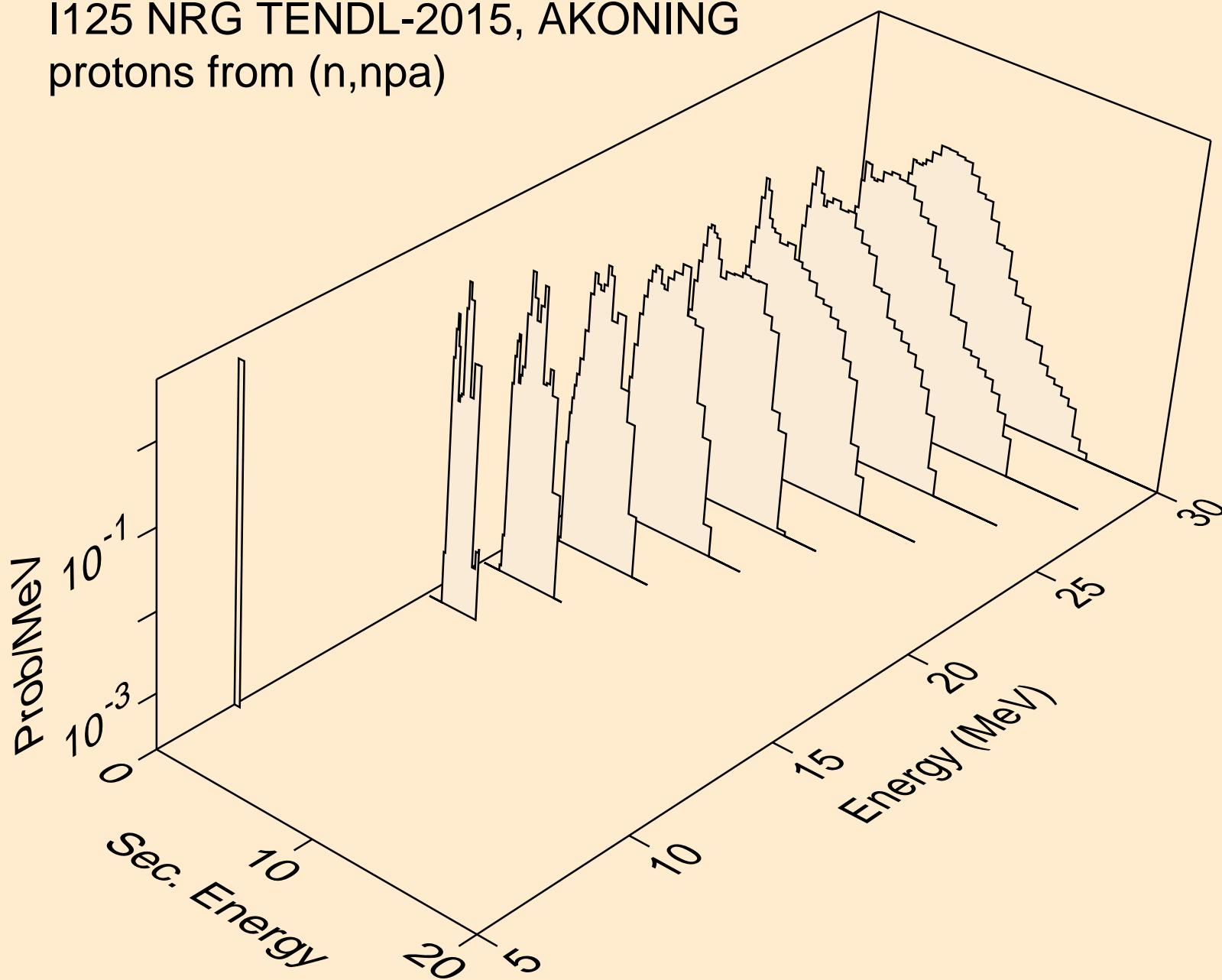
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protons from ( $n,3np$ )



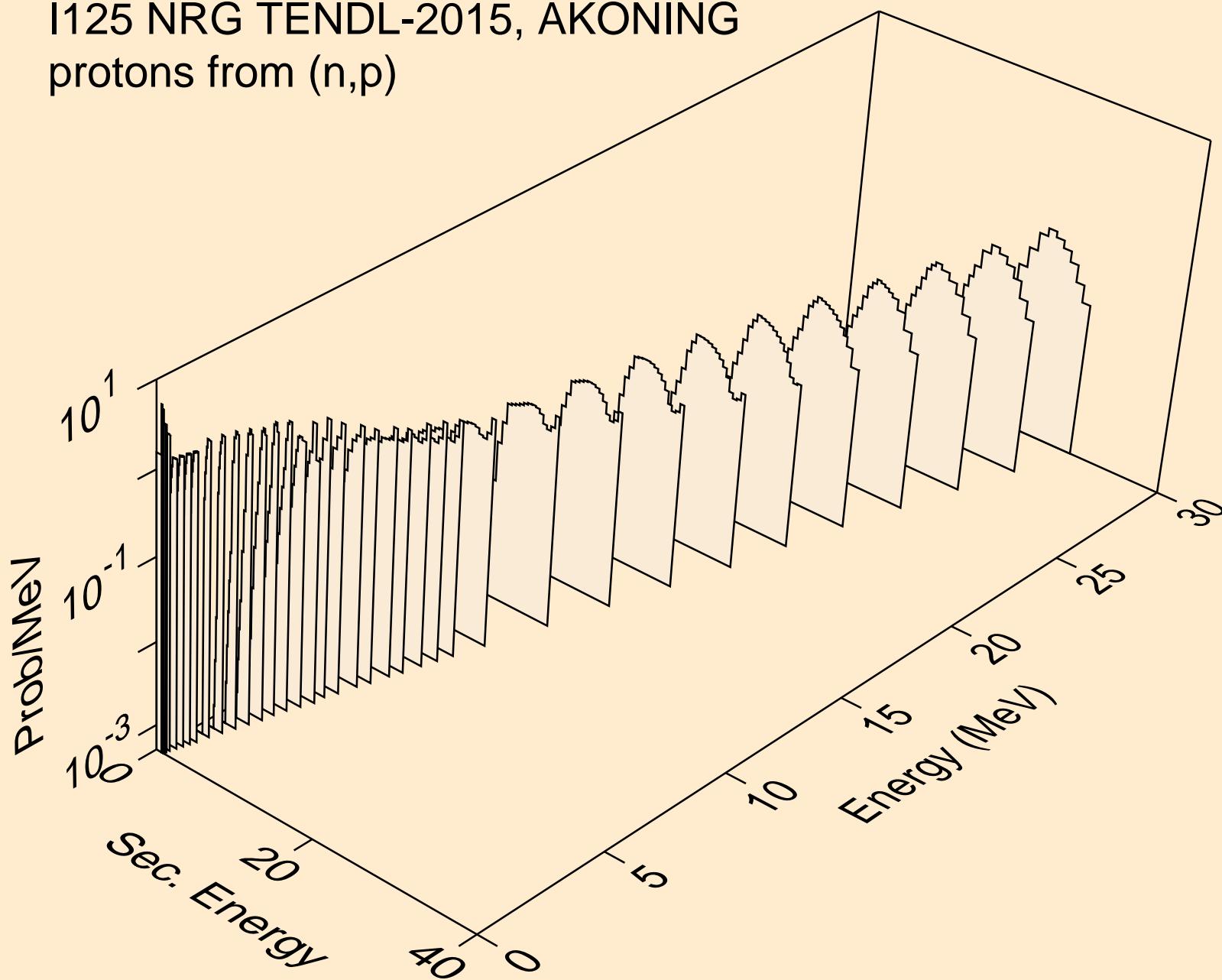
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protons from ( $n,2np$ )



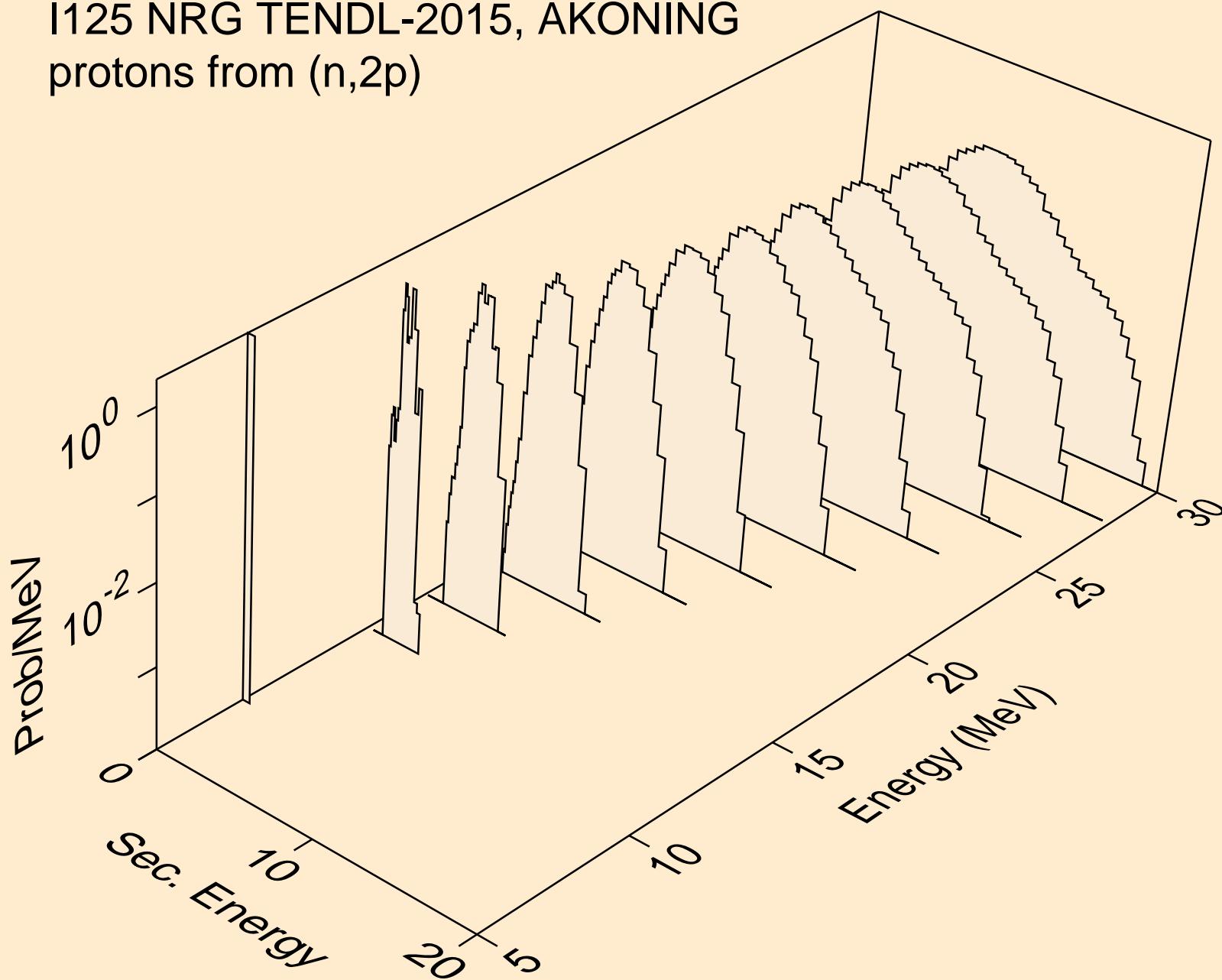
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protons from (n,npa)



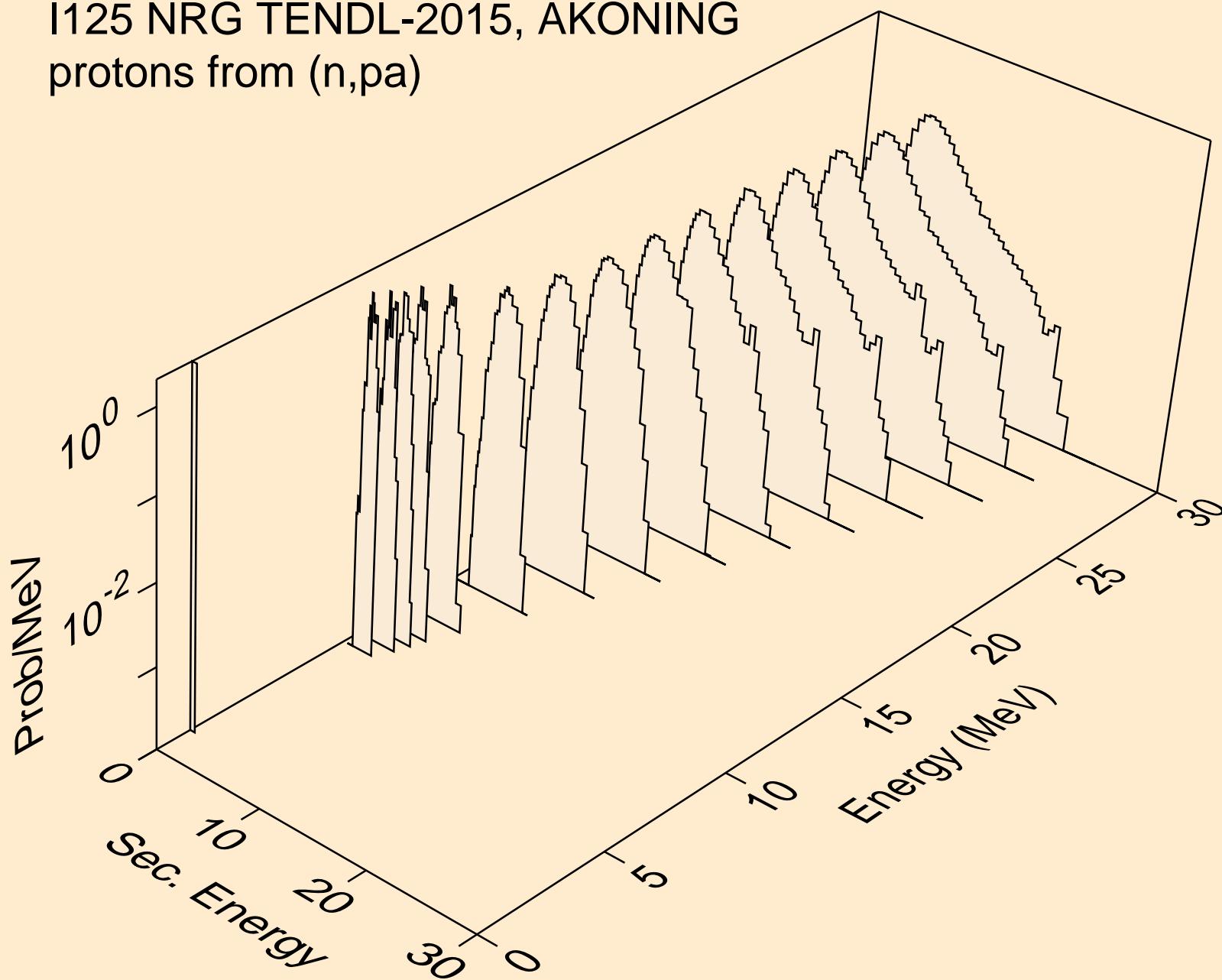
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protons from (n,p)



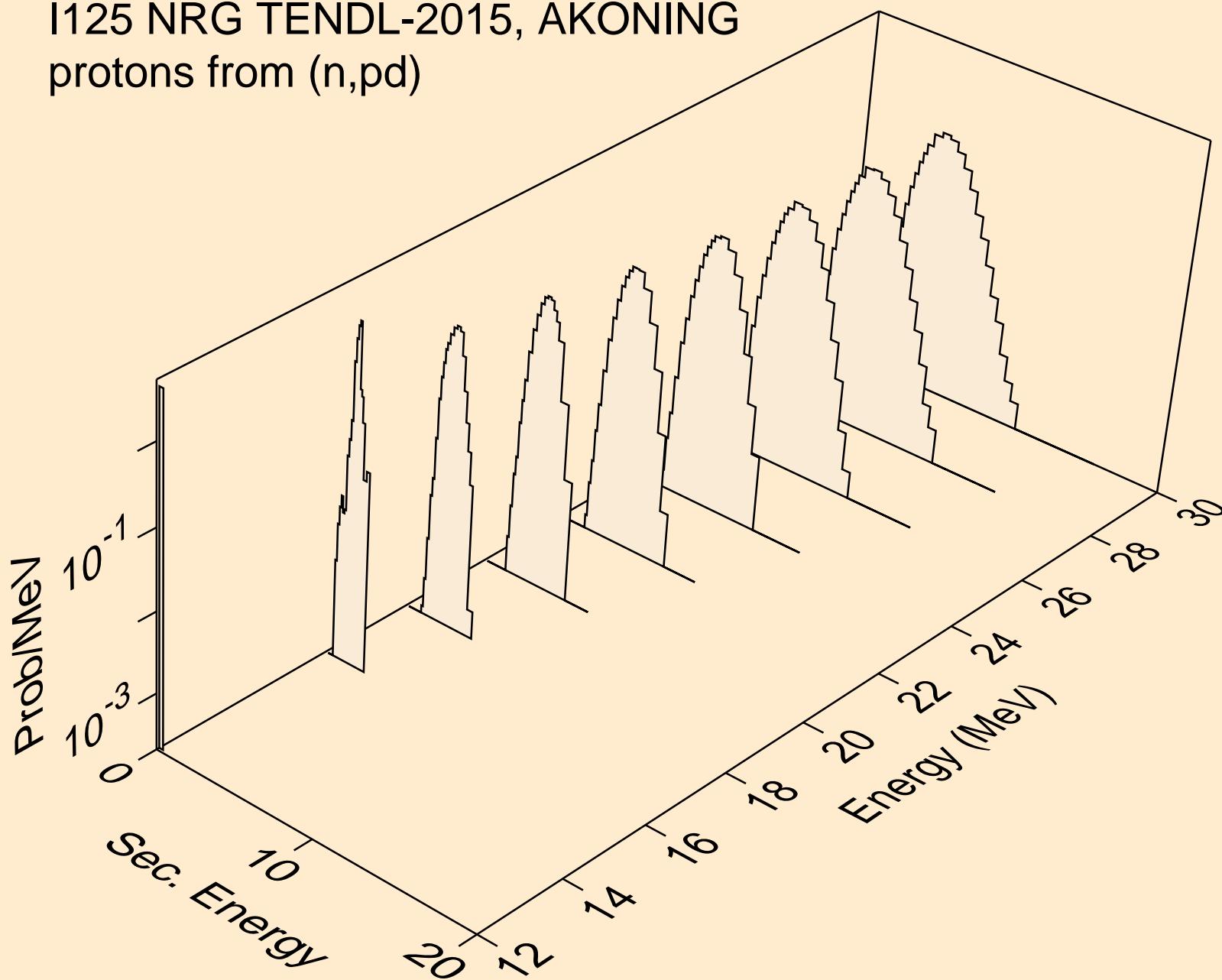
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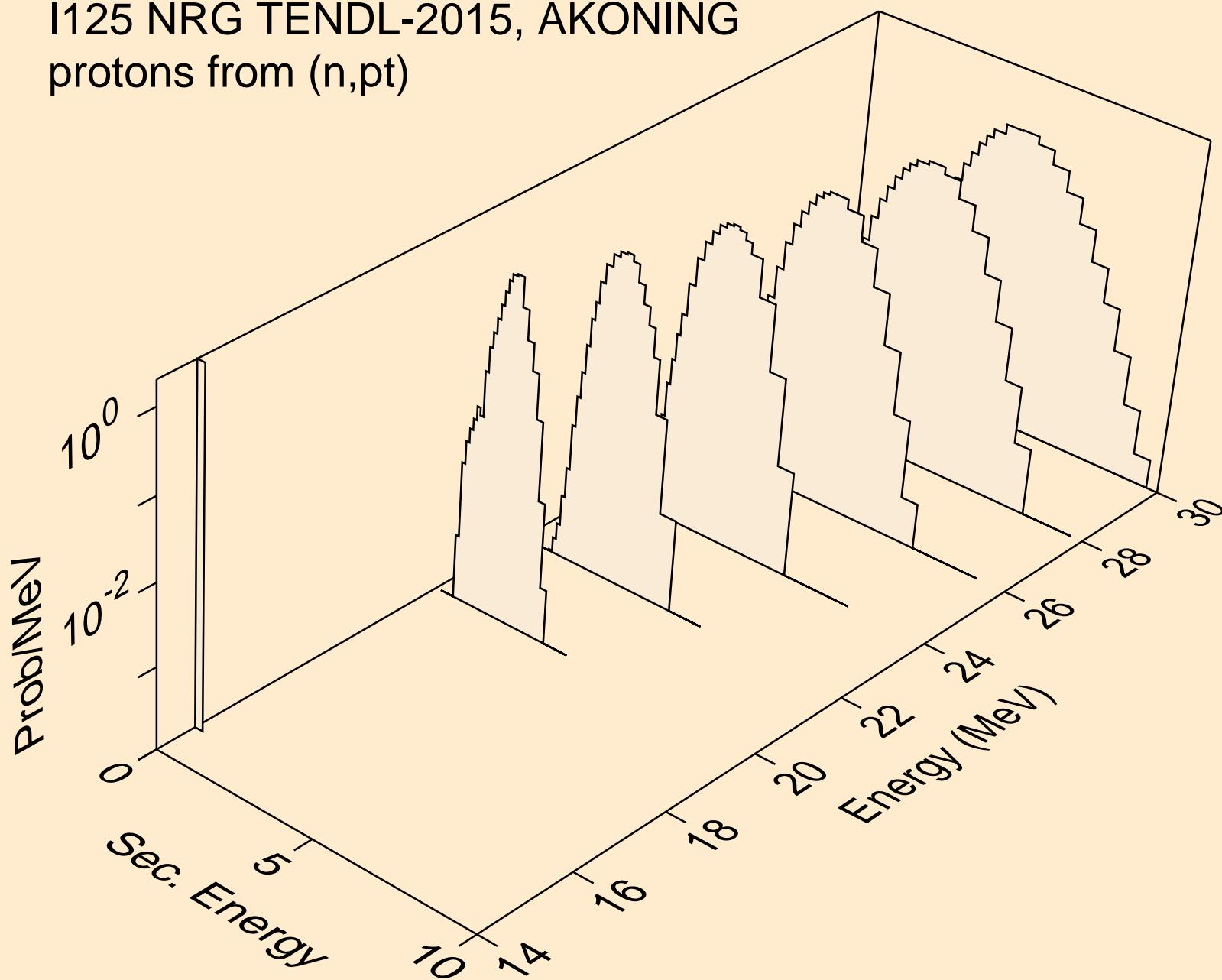
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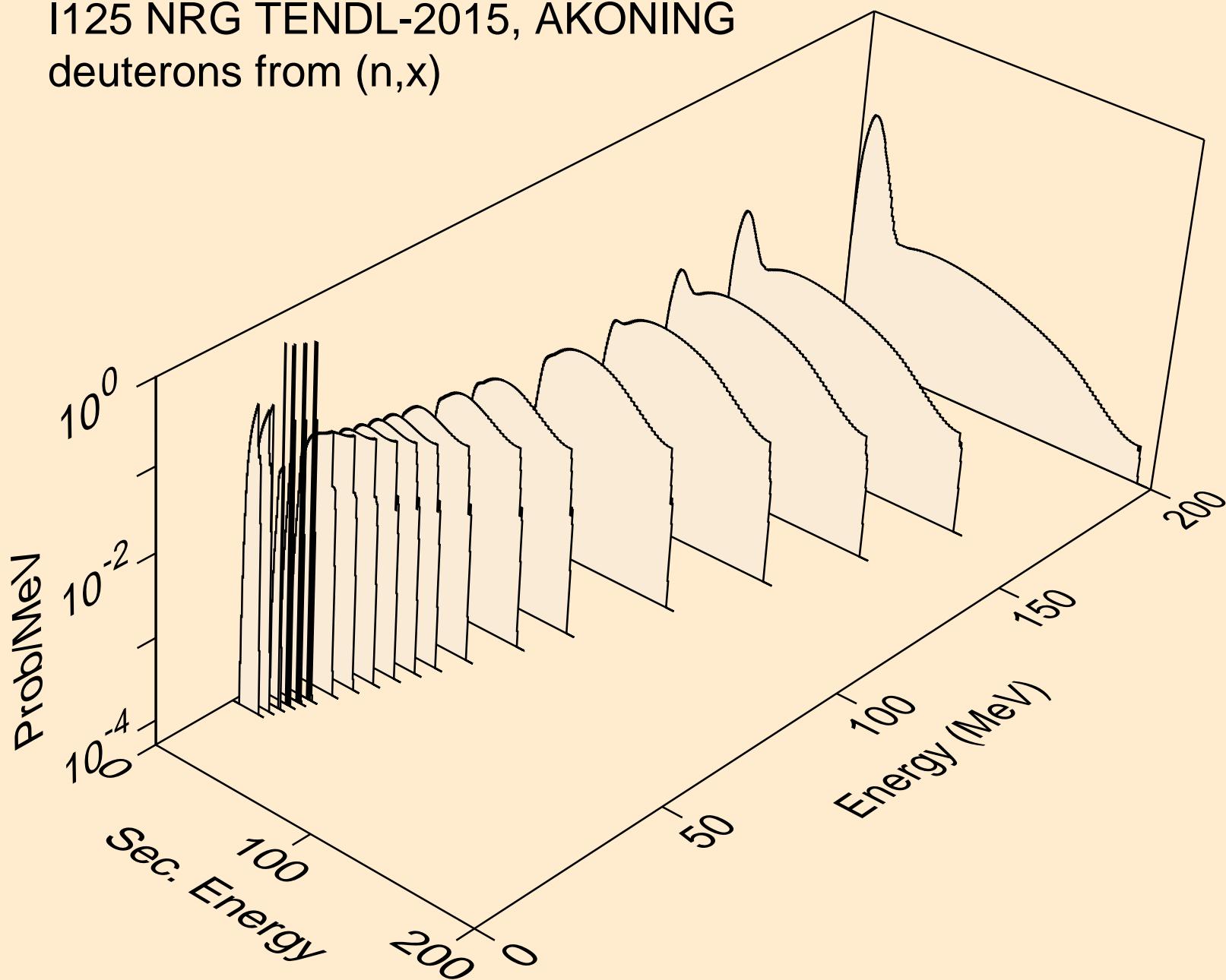
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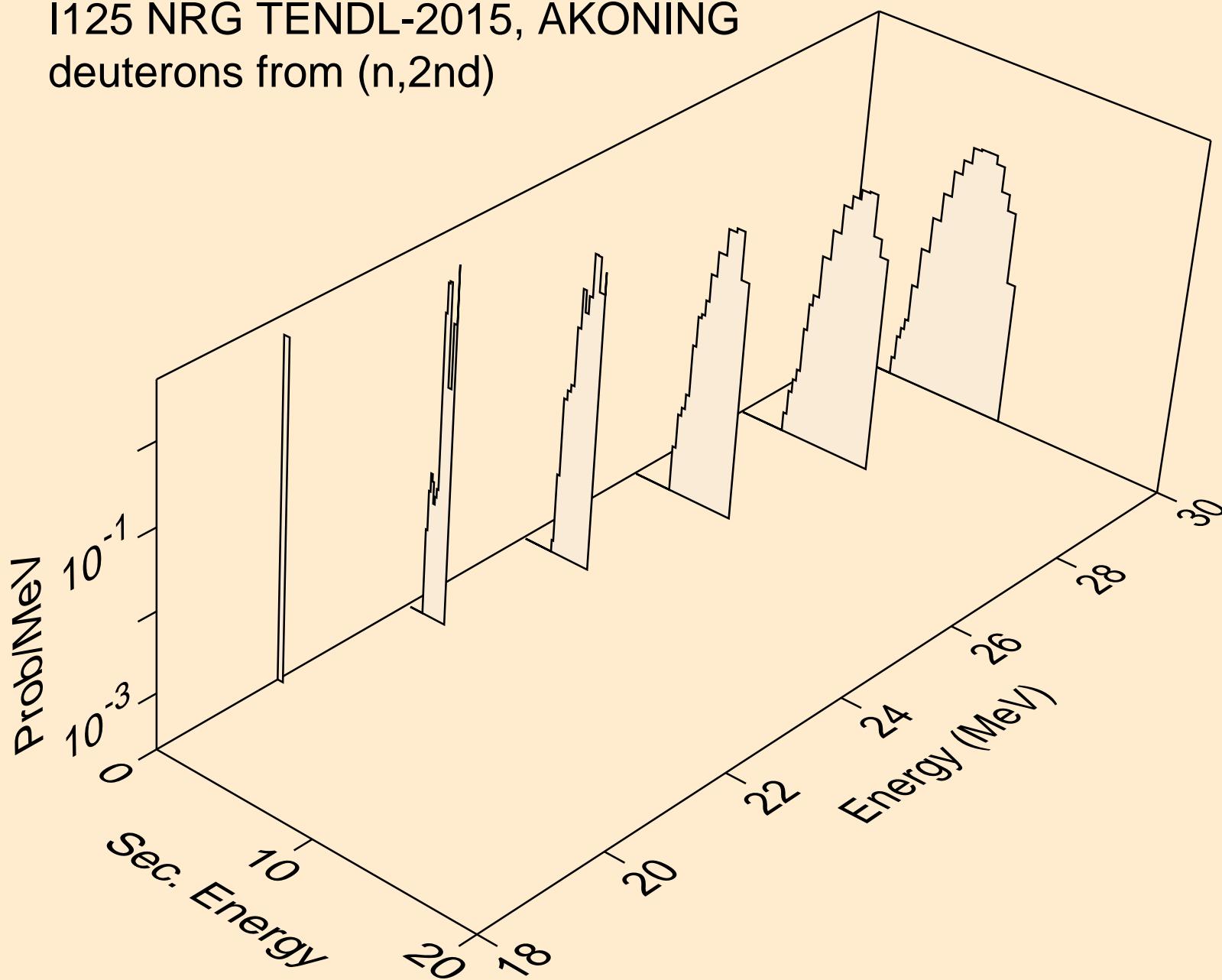
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protons from (n,pt)



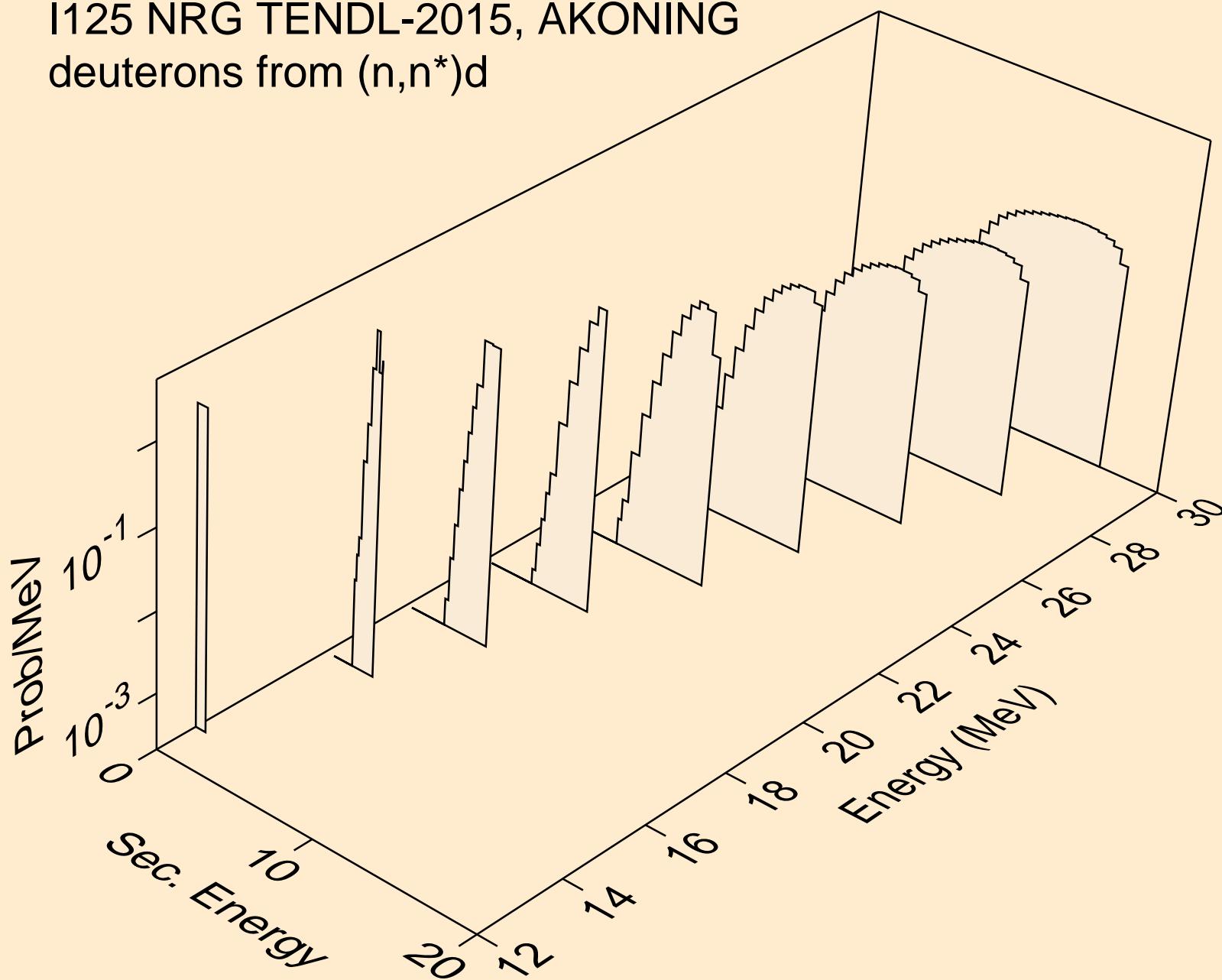
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deuterons from ( $n,x$ )



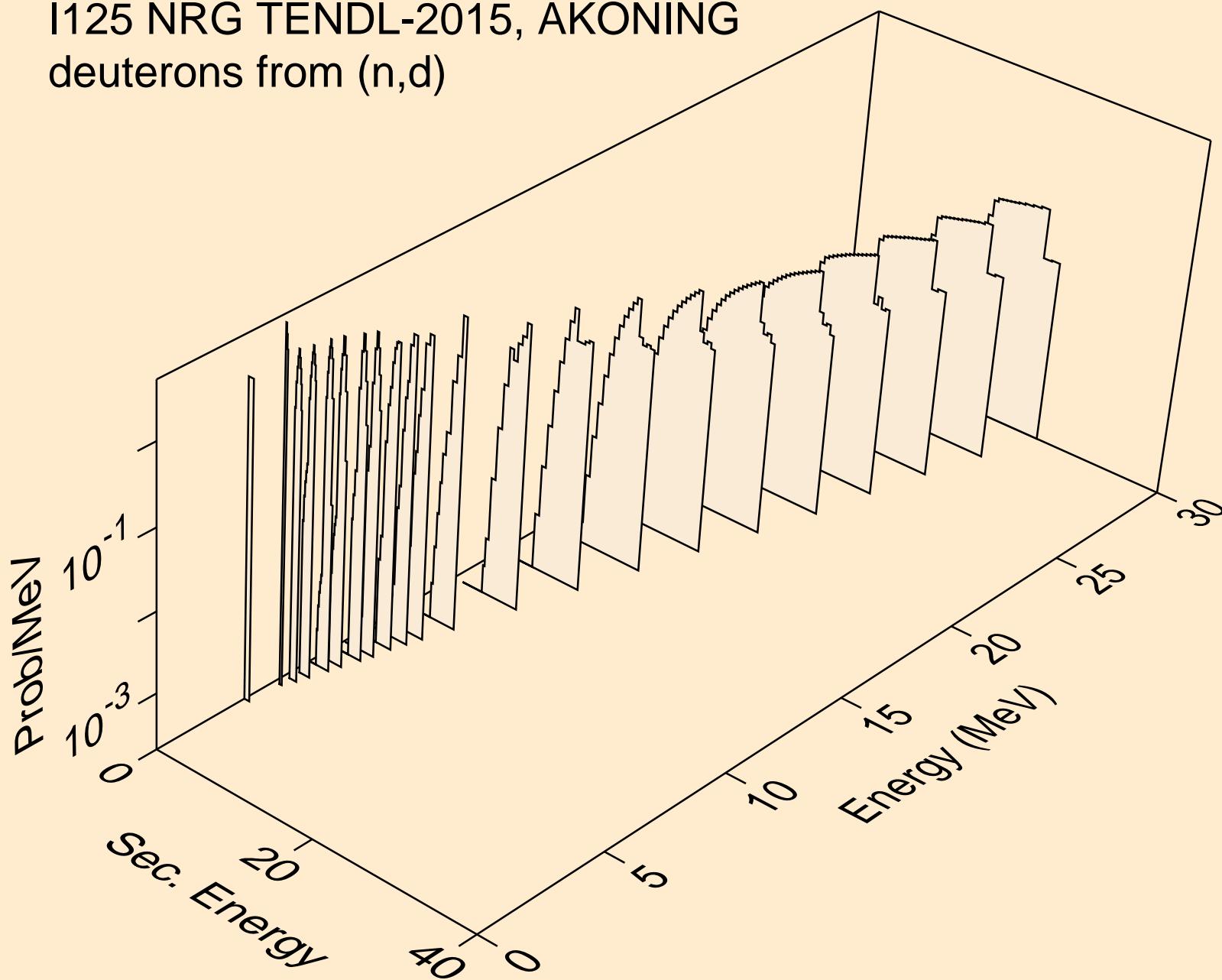
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deuterons from ( $n,2nd$ )



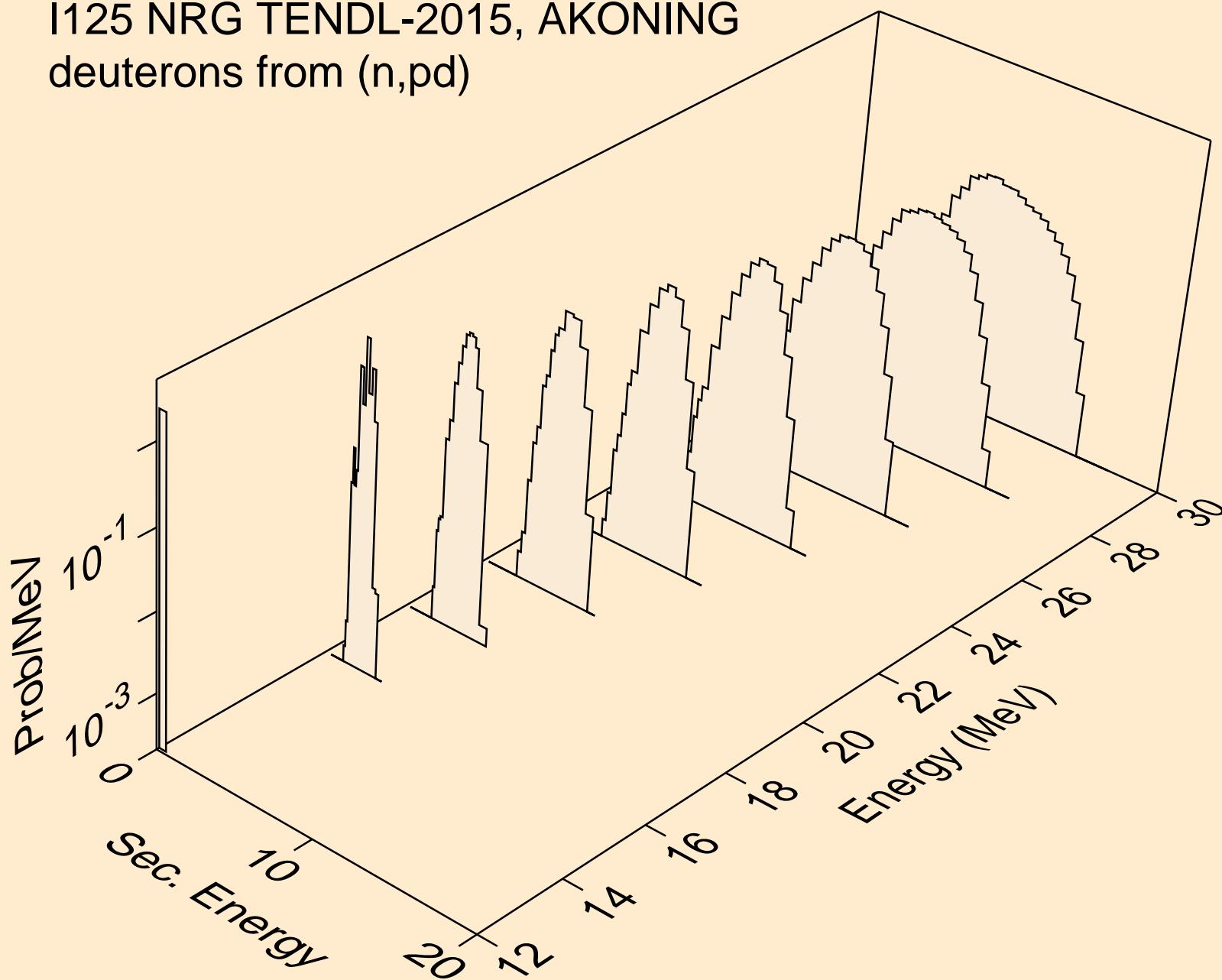
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deuterons from ( $n, n^*$ )d



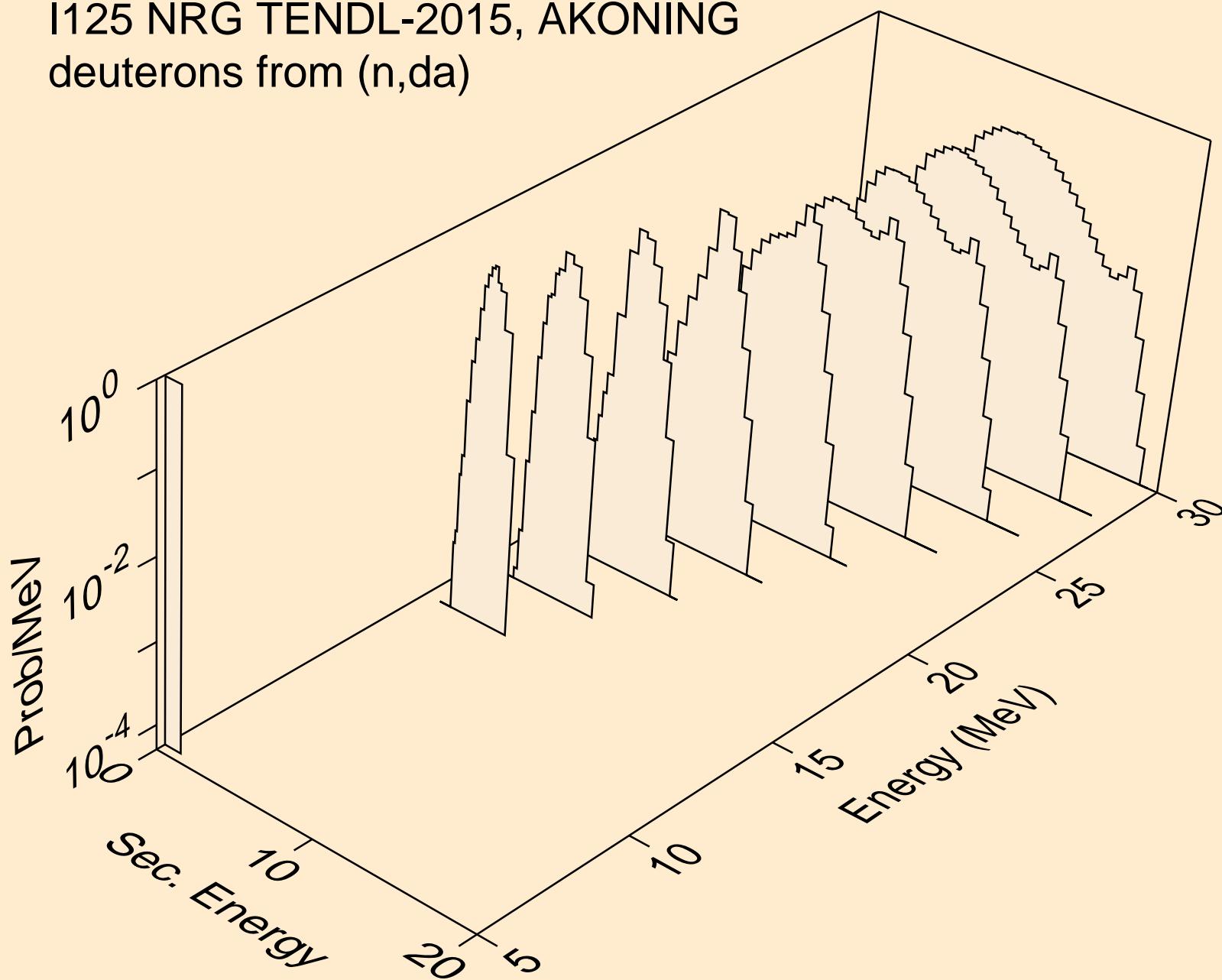
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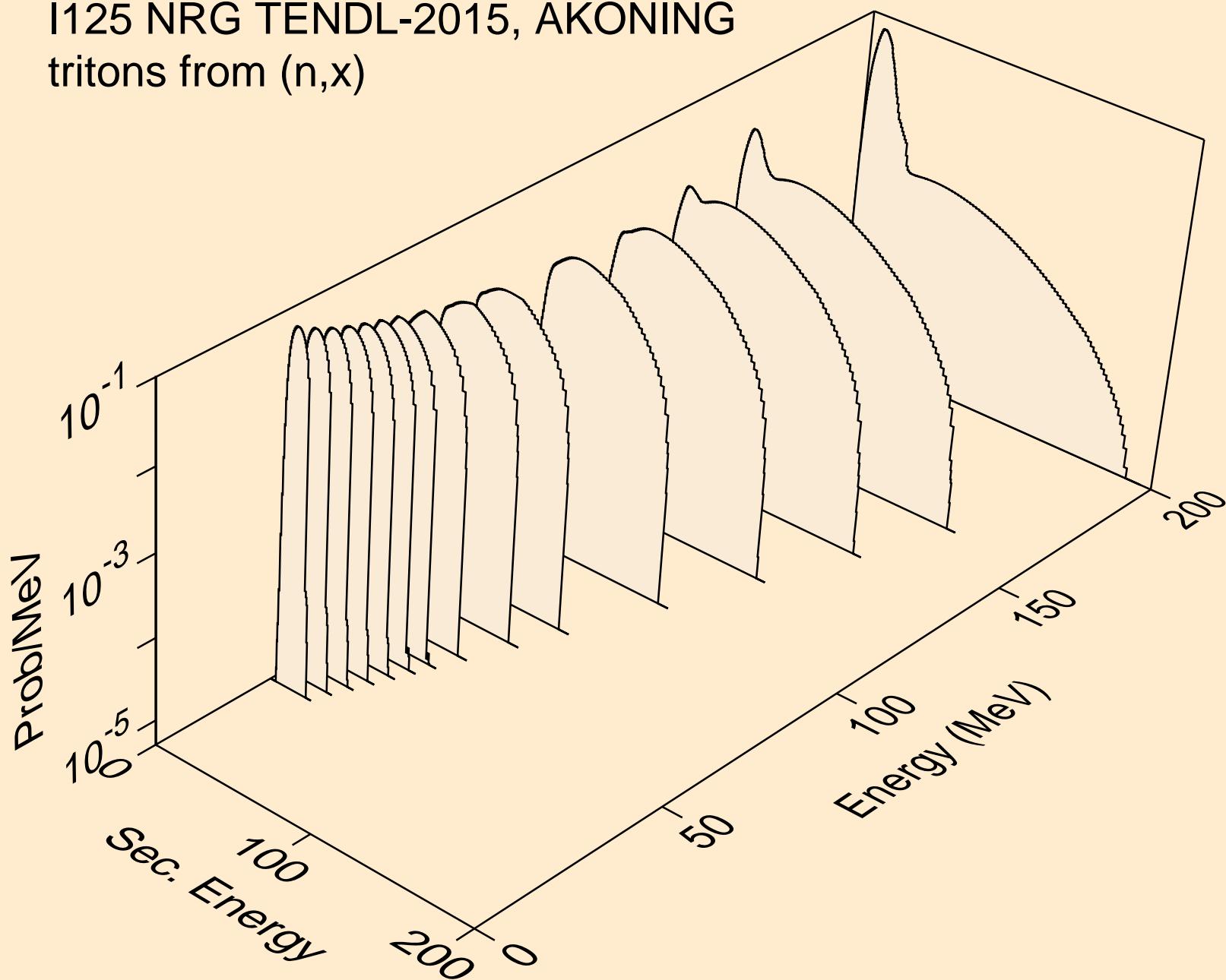
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deuterons from (n,pd)



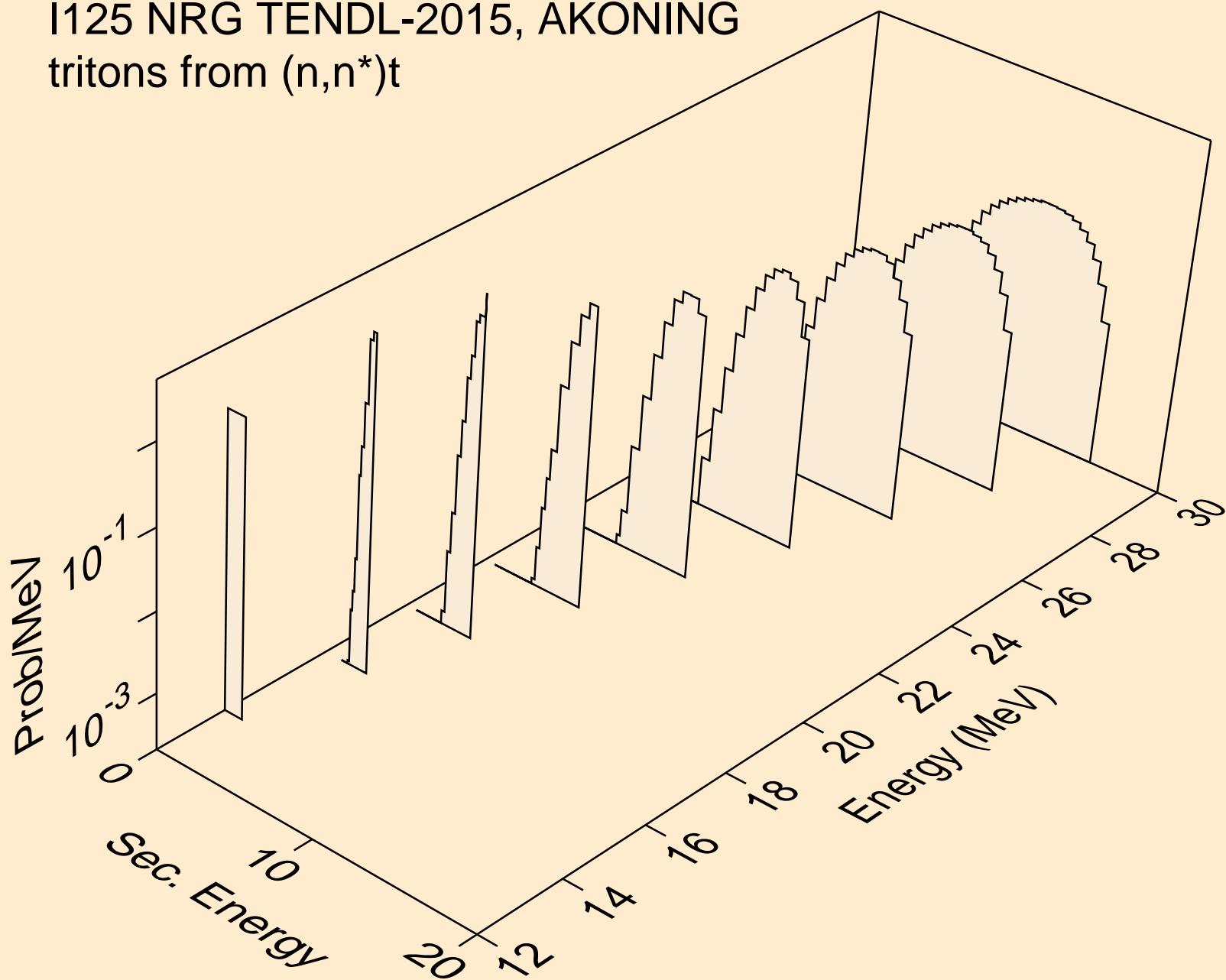
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deuterons from (n,da)



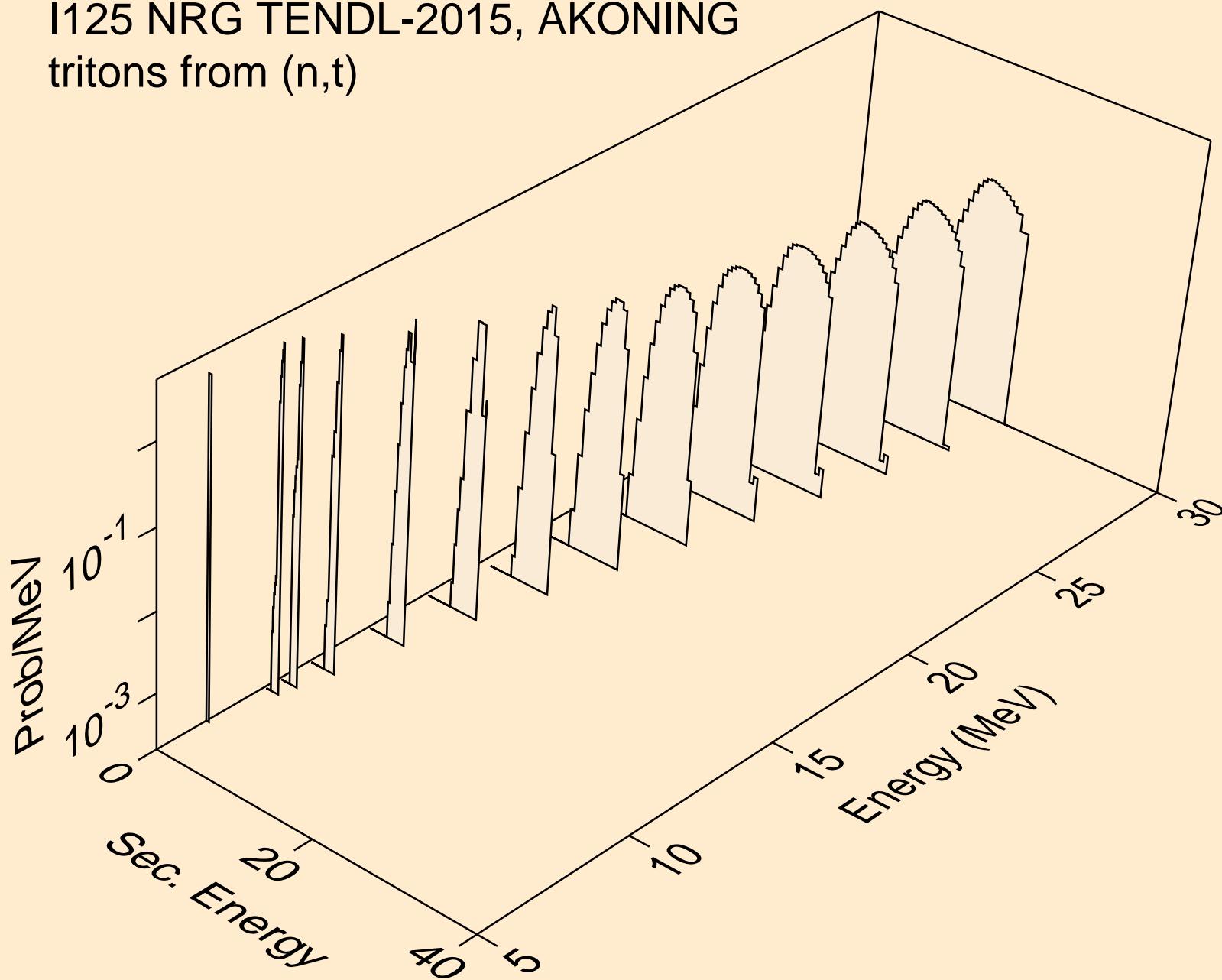
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tritons from ( $n,x$ )



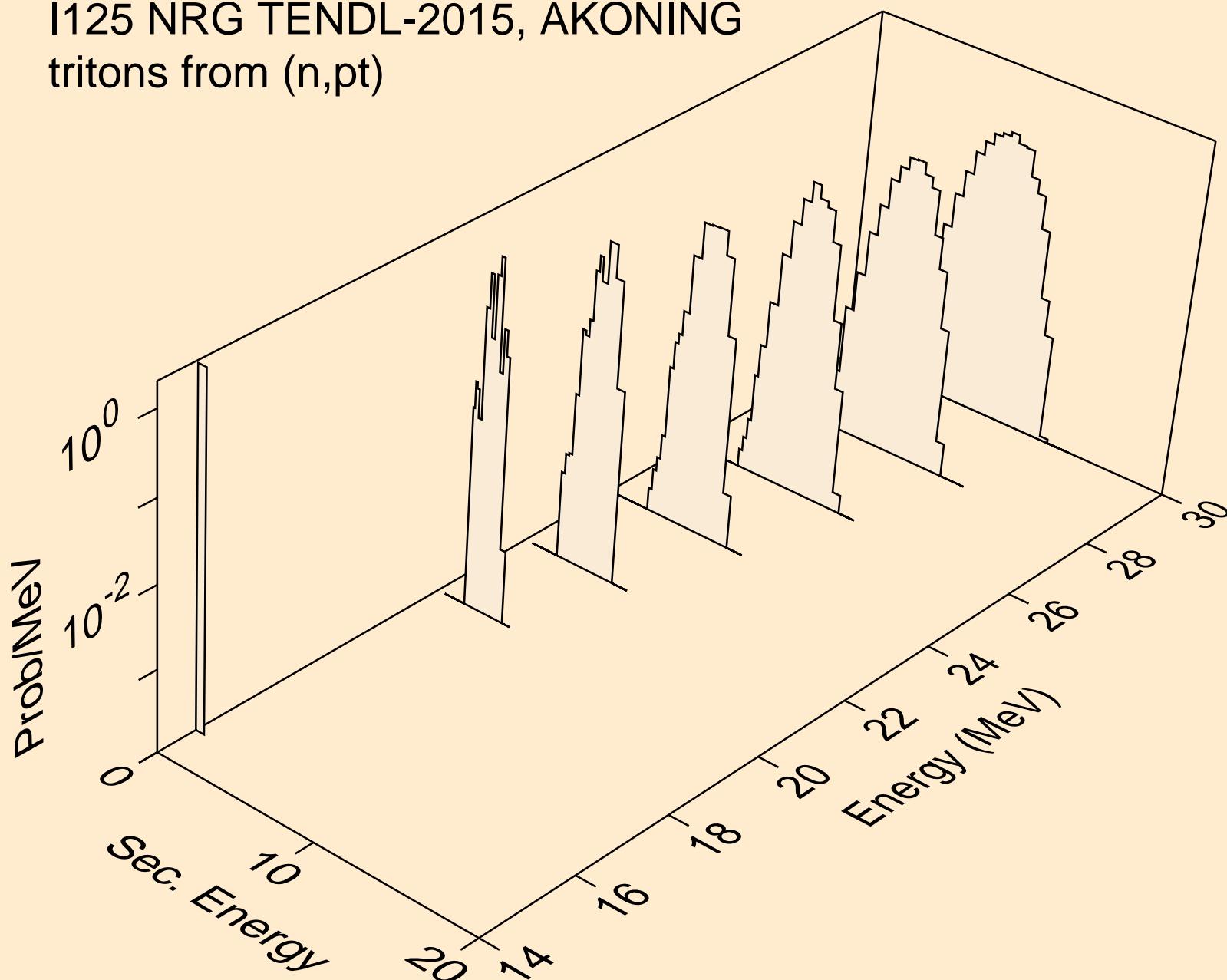
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tritons from  $(n,n^*)t$



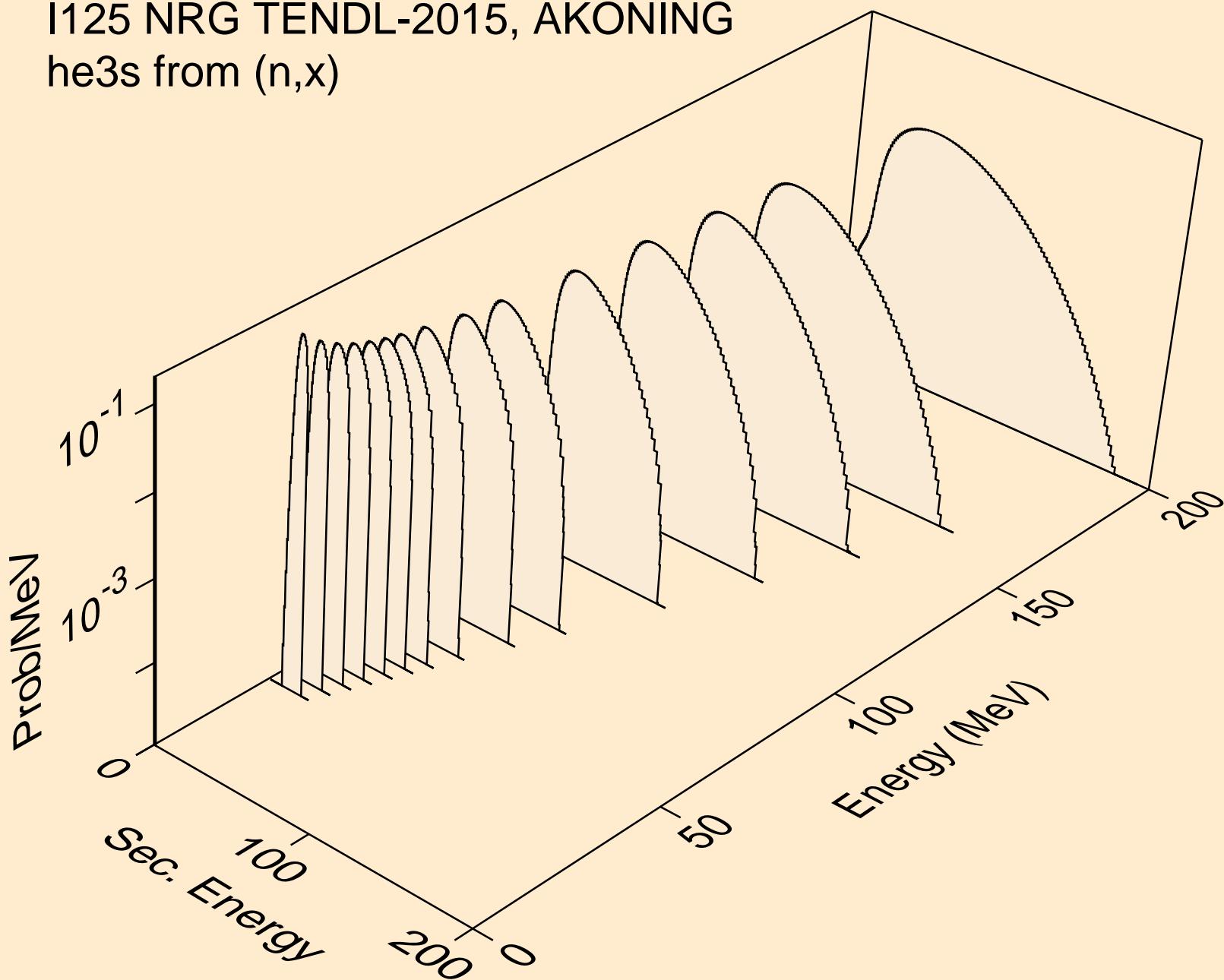
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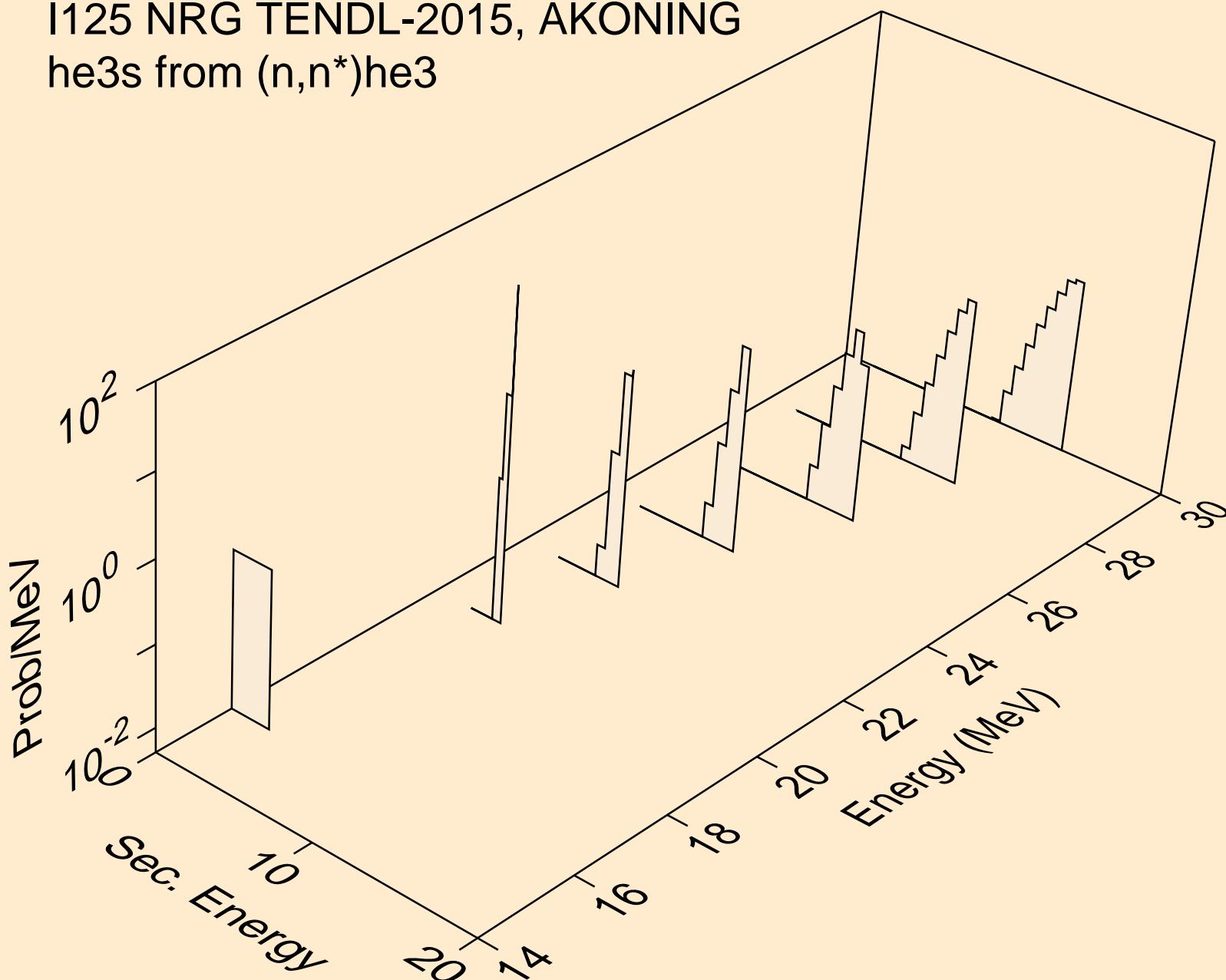
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tritons from (n,pt)



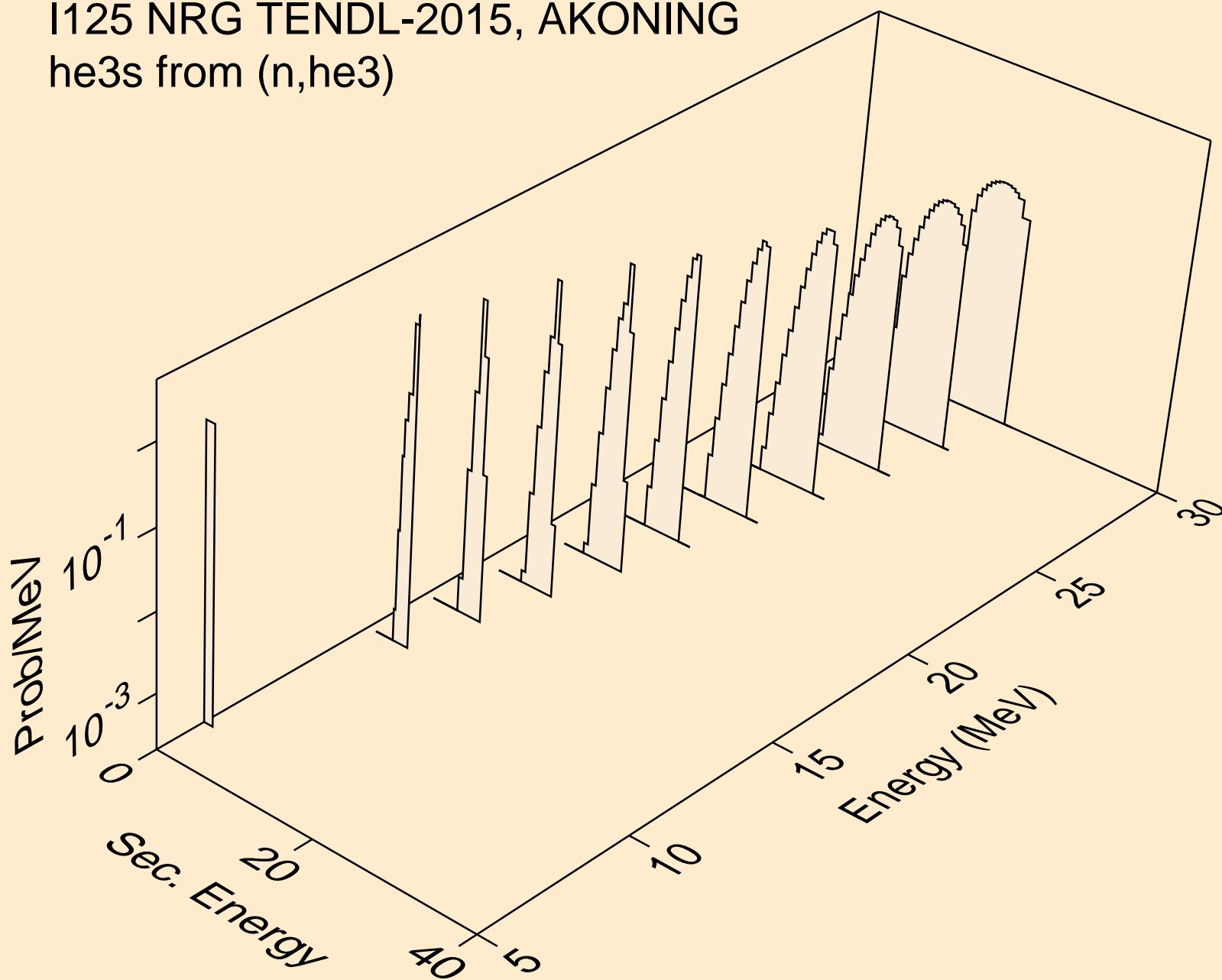
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he3s from (n,x)



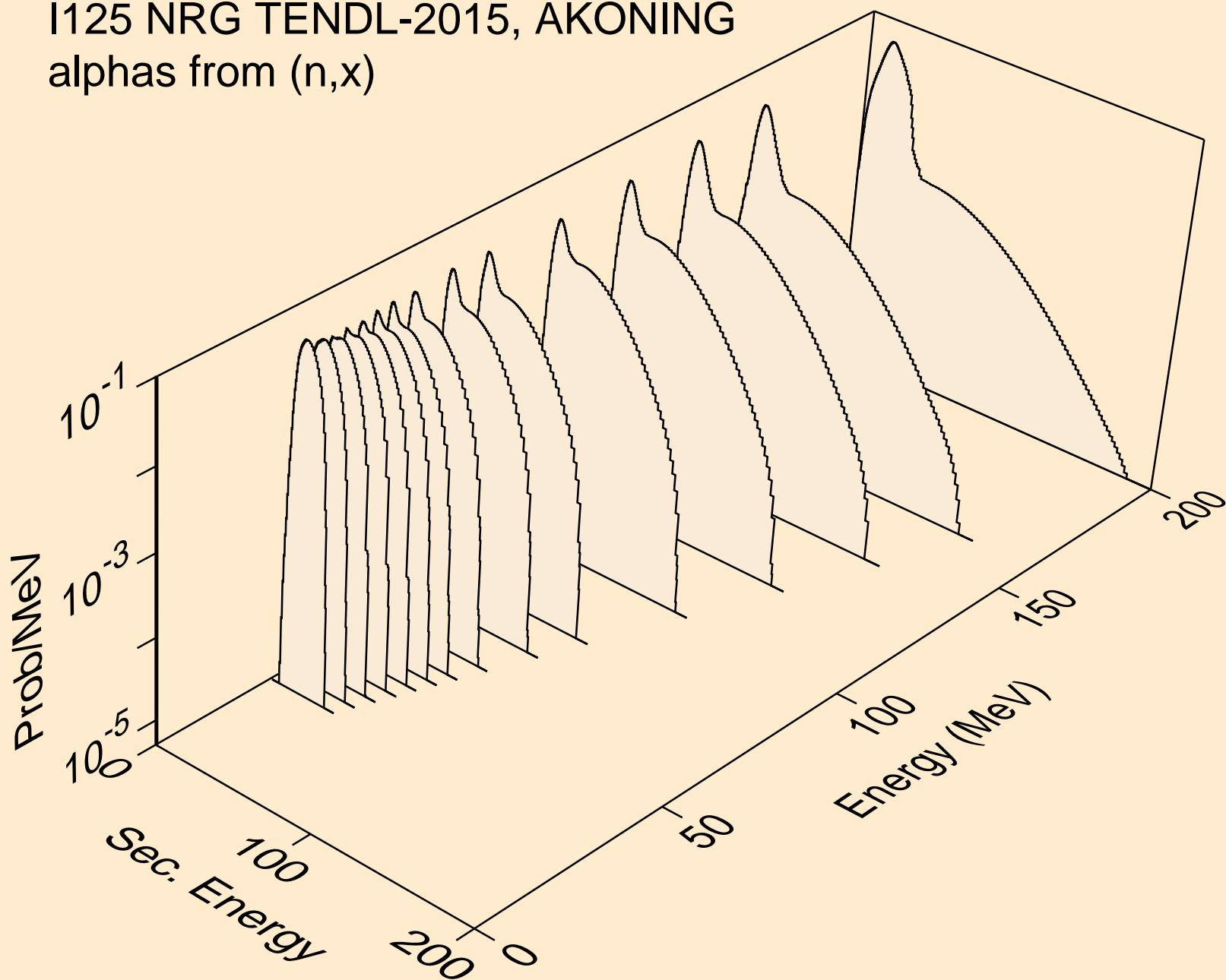
I125 NRG TENDL-2015, AKONING  
he3s from ( $n, n^*$ )he3



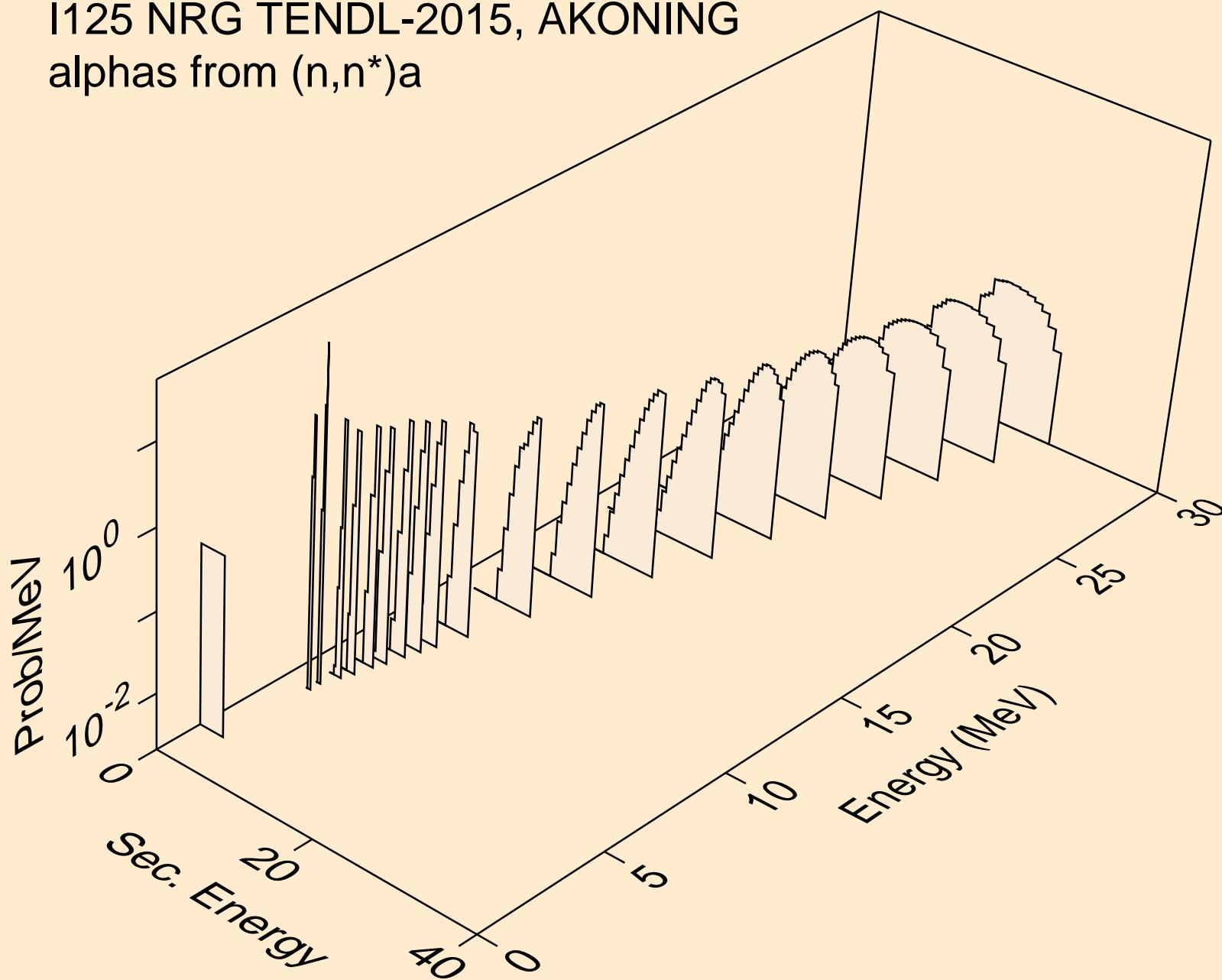
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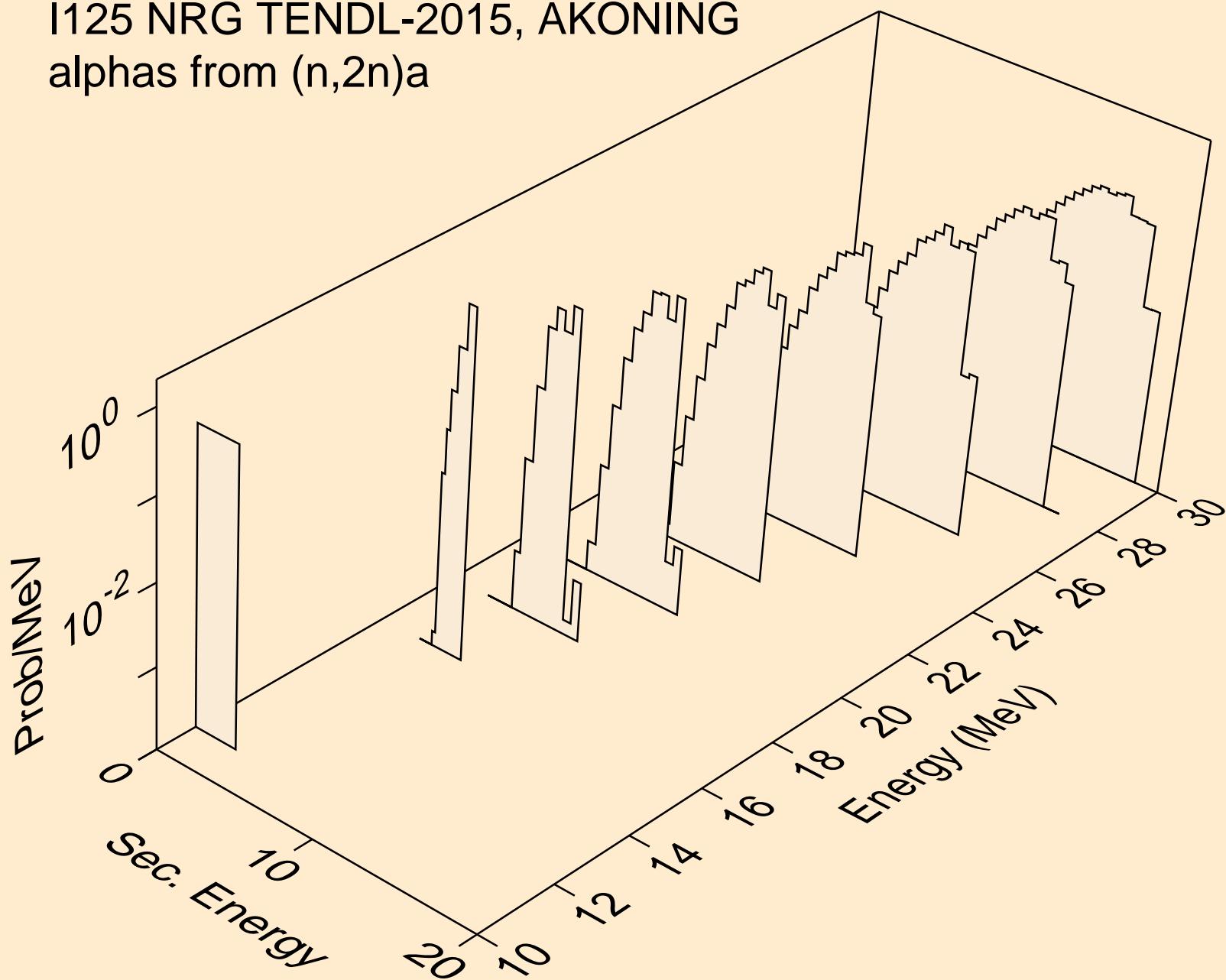
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alphas from (n,x)



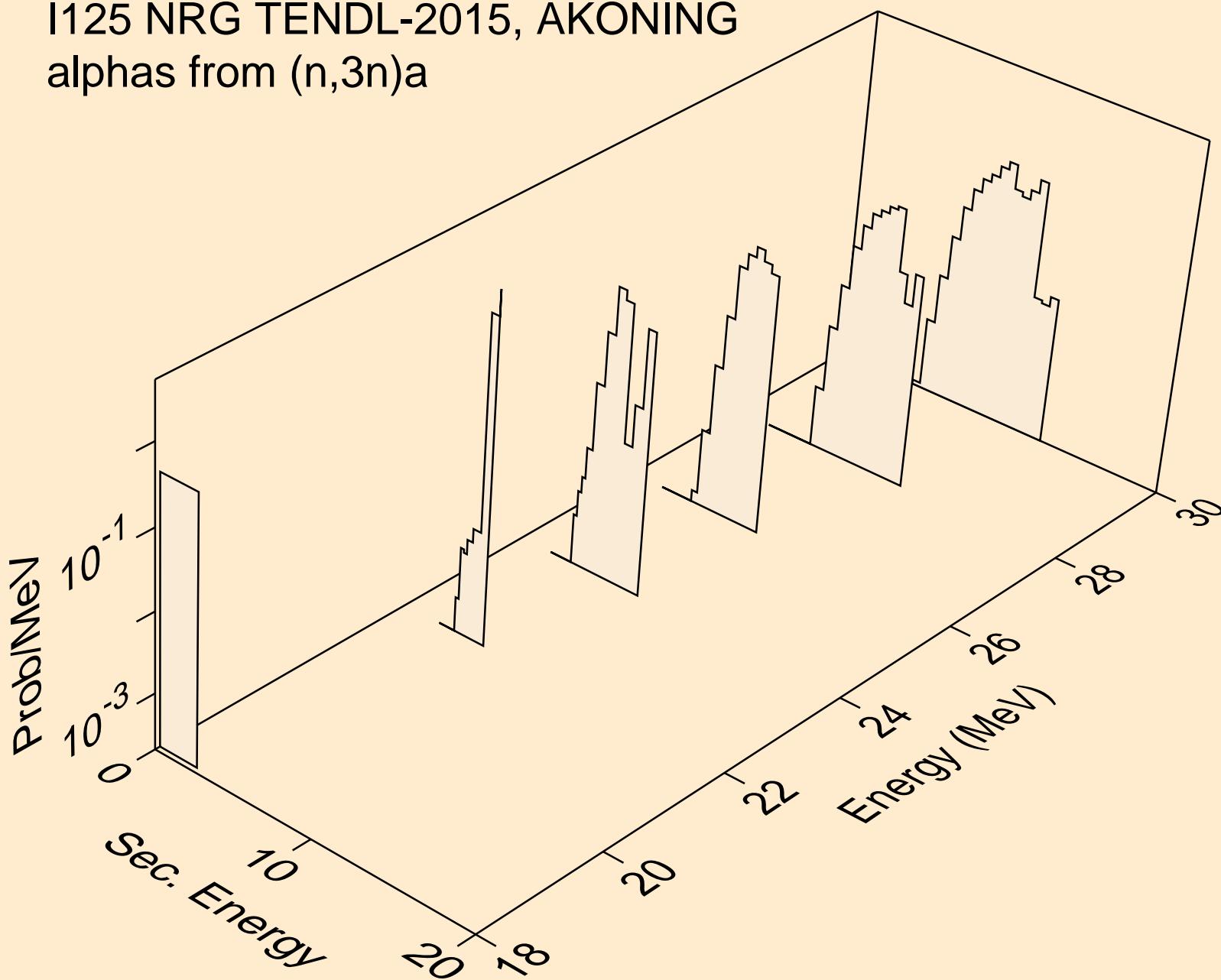
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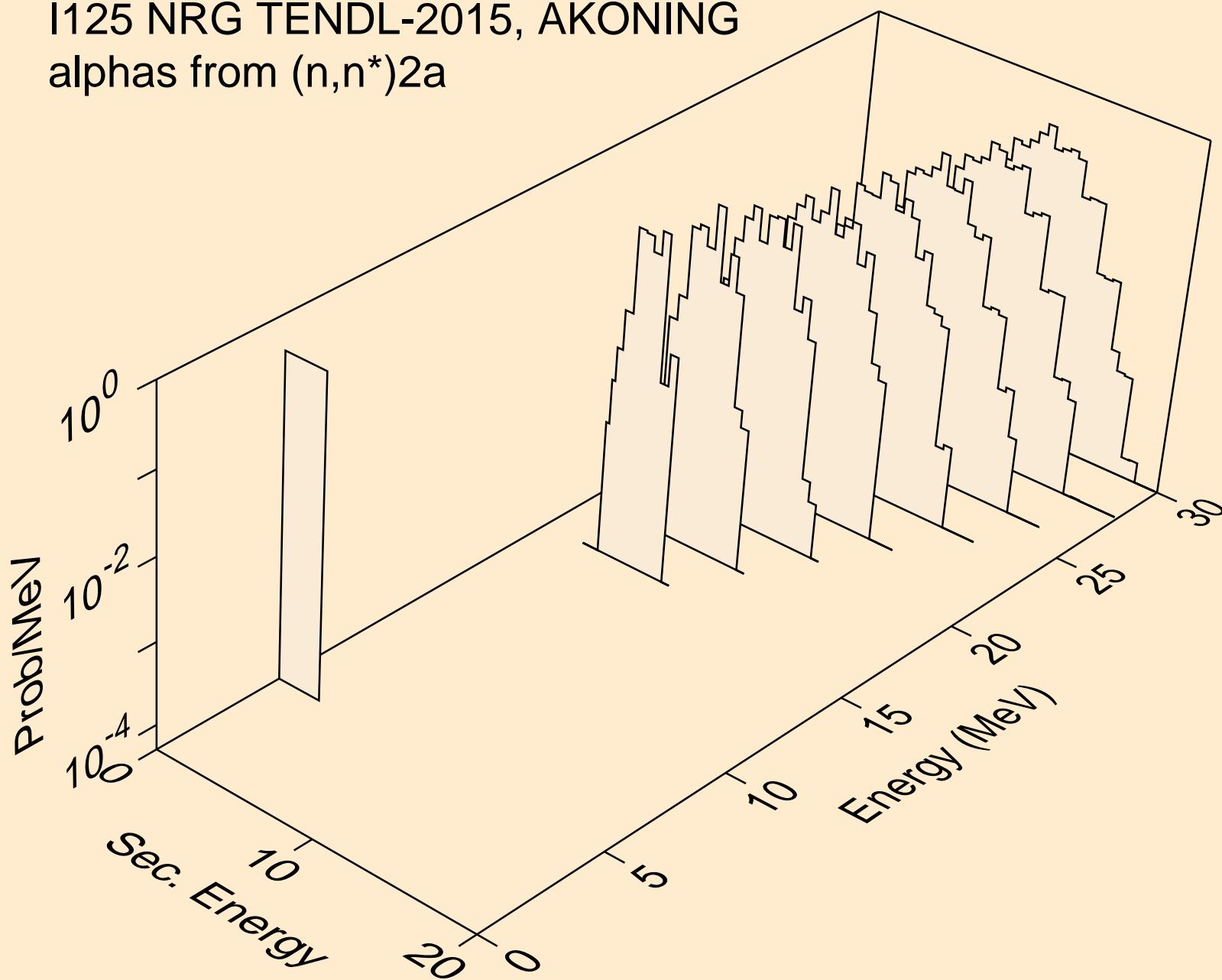
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alphas from ( $n,2n$ )a



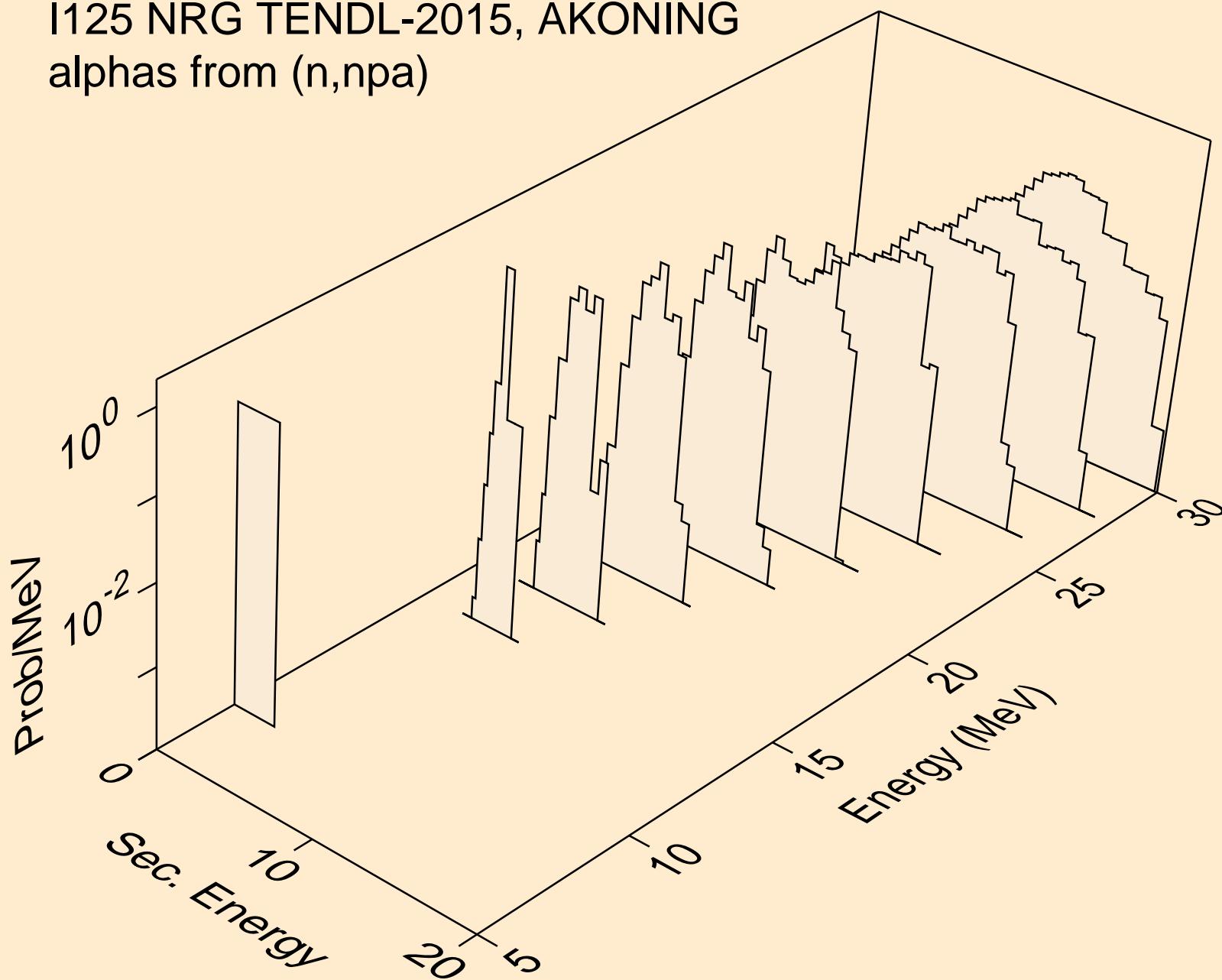
I125 NRG TENDL-2015, AKONING  
alphas from ( $n,3n$ )a



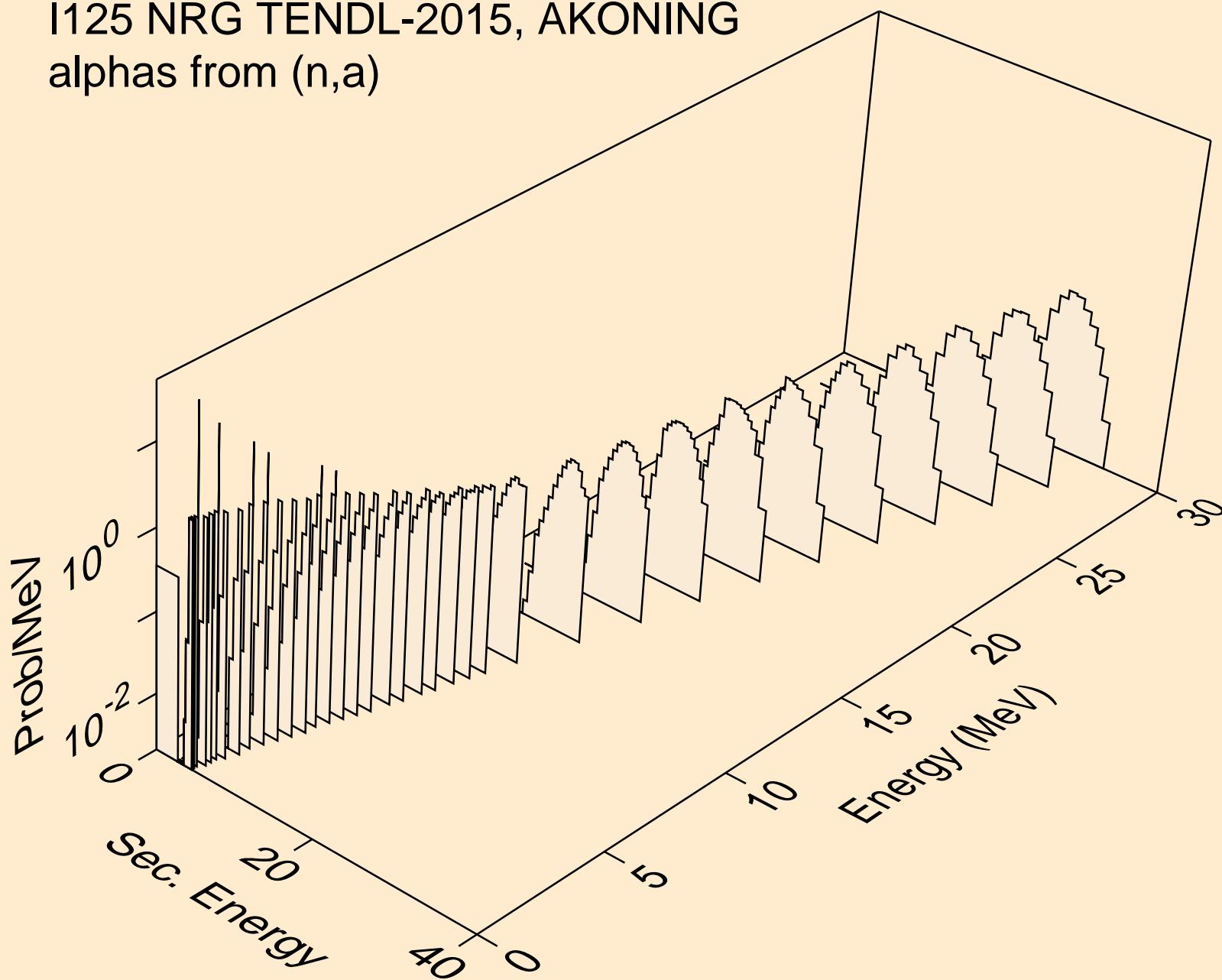
I125 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)2a$



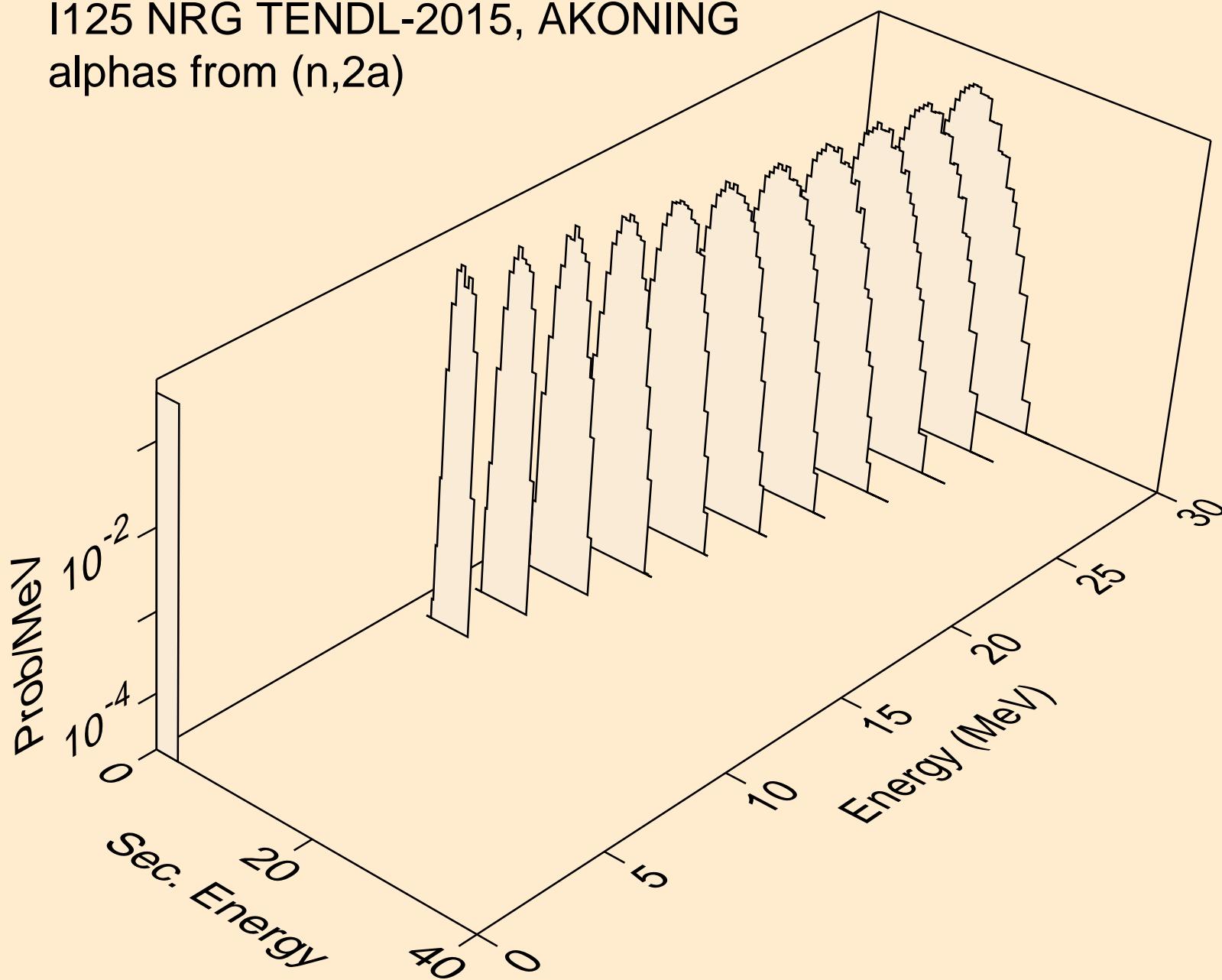
I125 NRG TENDL-2015, AKONING  
alphas from (n,npa)



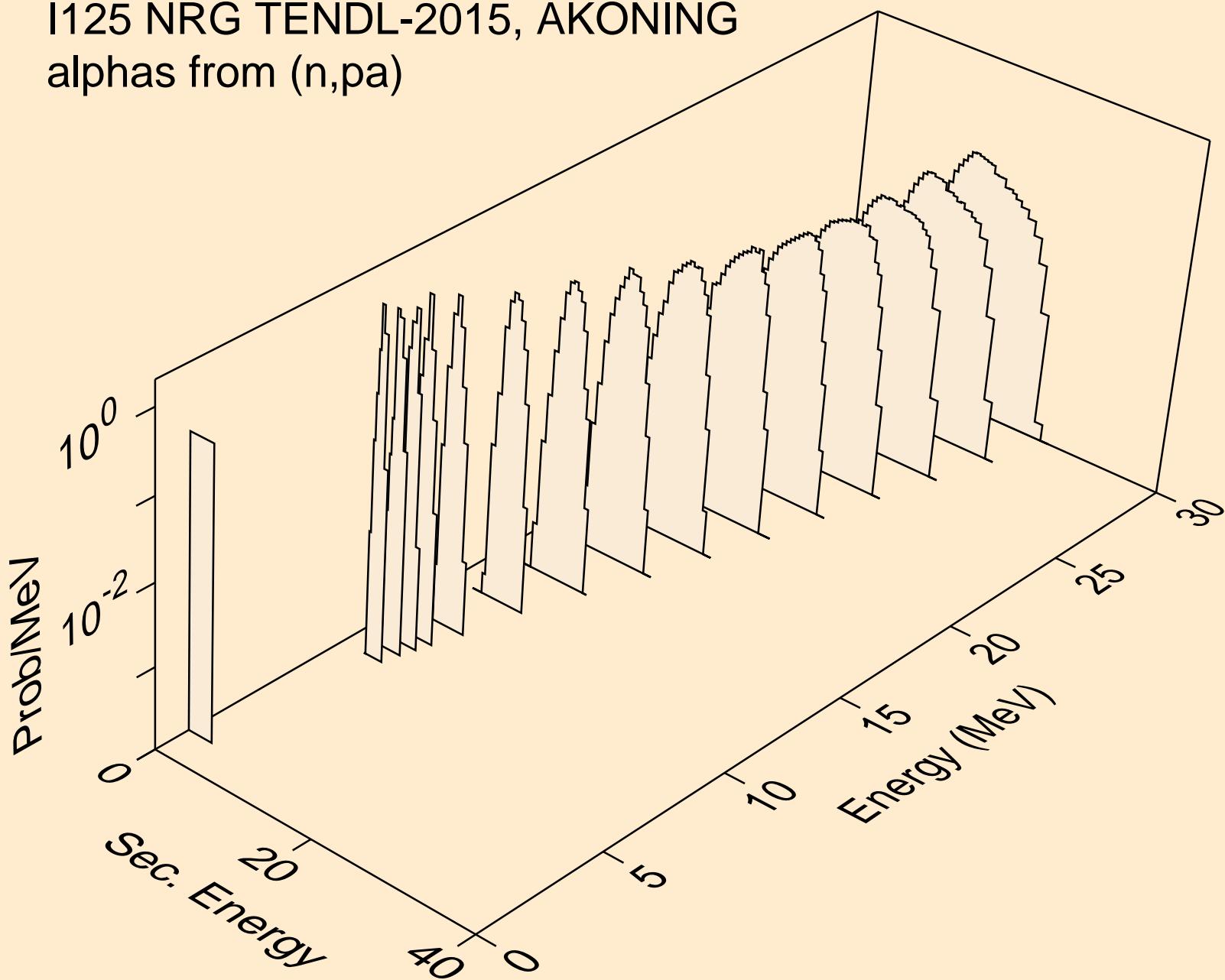
I125 NRG TENDL-2015, AKONING  
alphas from (n,a)



I125 NRG TENDL-2015, AKONING  
alphas from (n,2a)



I125 NRG TENDL-2015, AKONING  
alphas from (n,pa)



I125 NRG TENDL-2015, AKONING  
alphas from (n,da)

