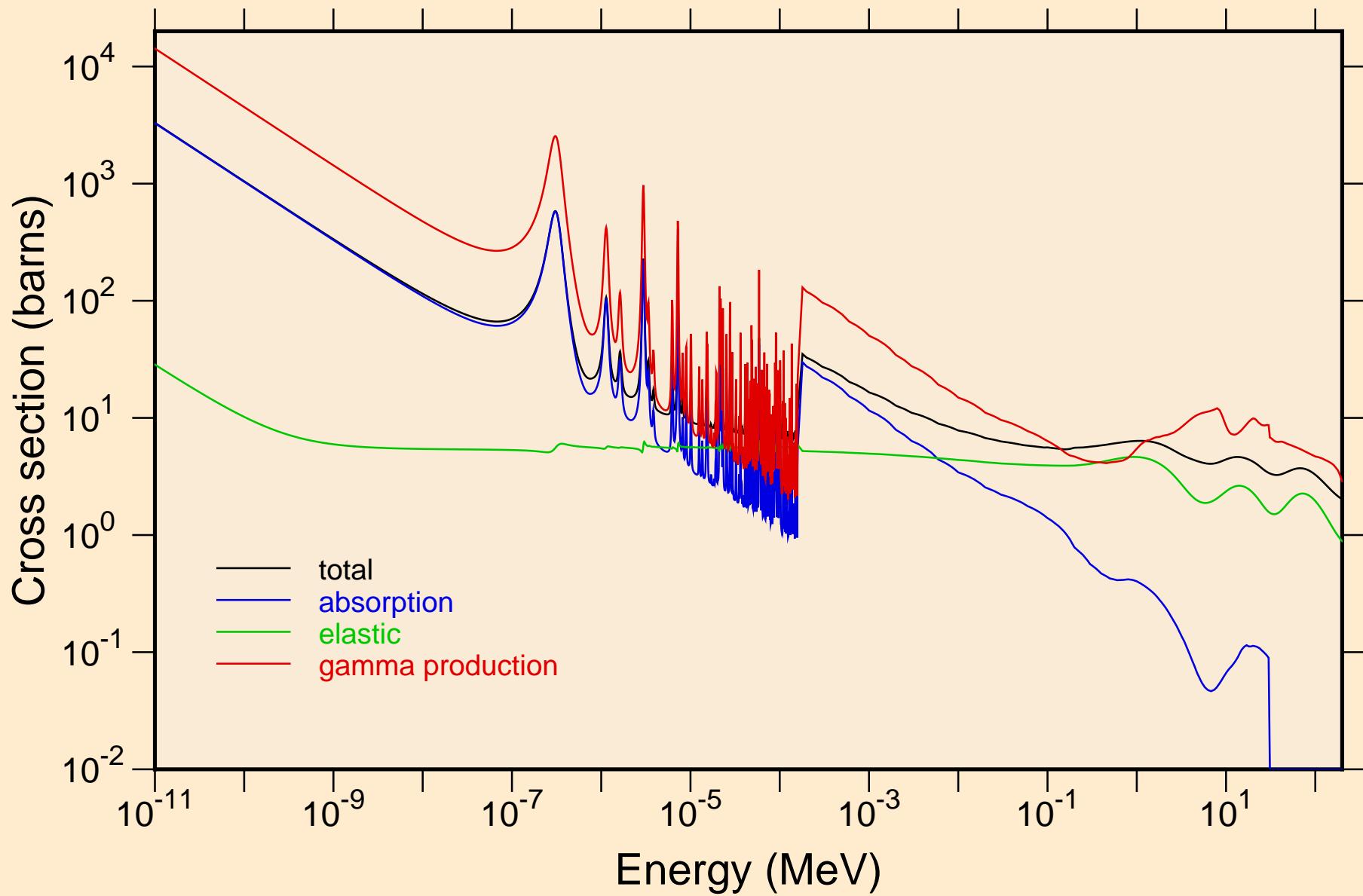
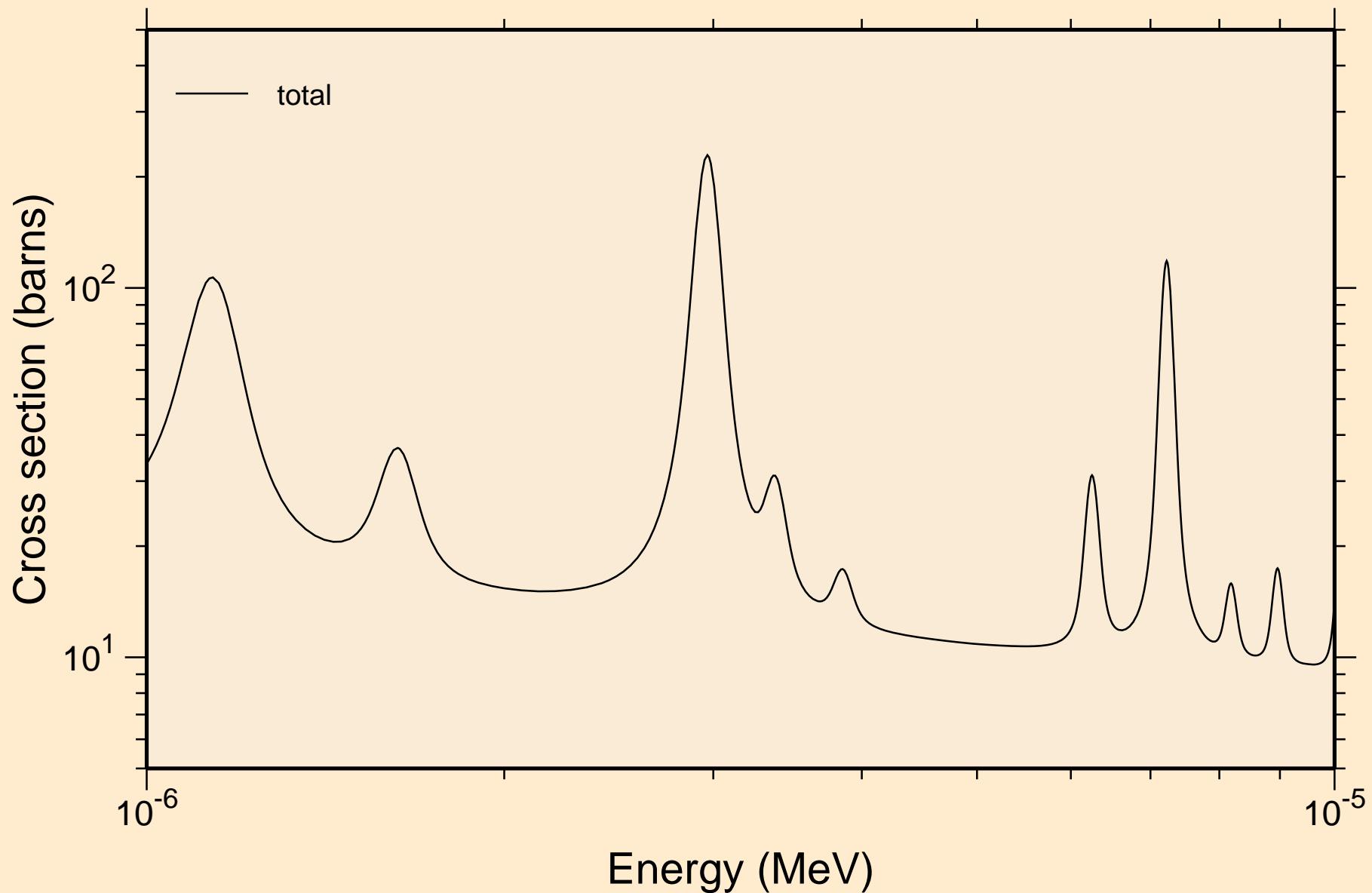


# I122 NRG TENDL-2015, AKONING

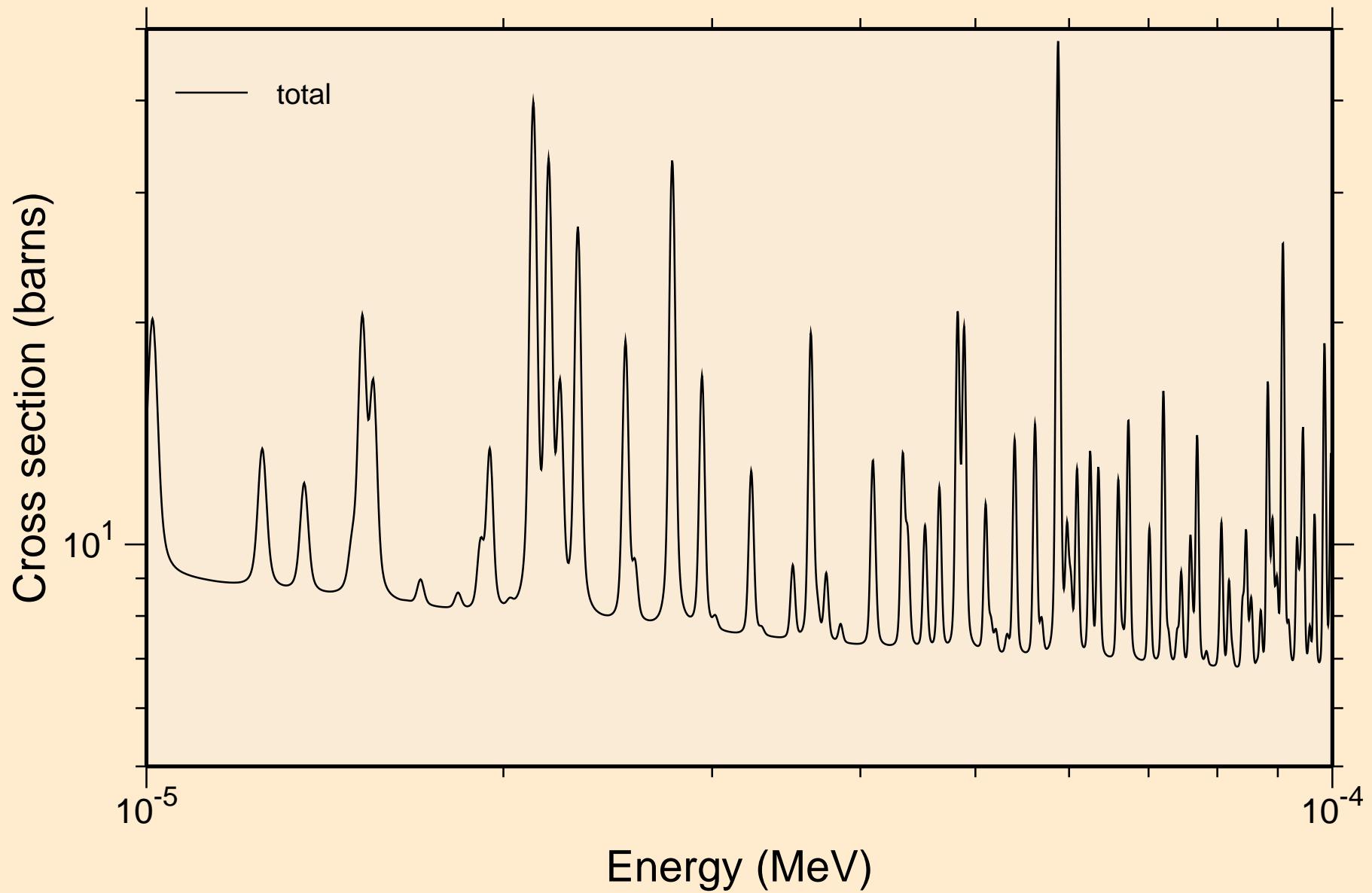
## Principal cross sections



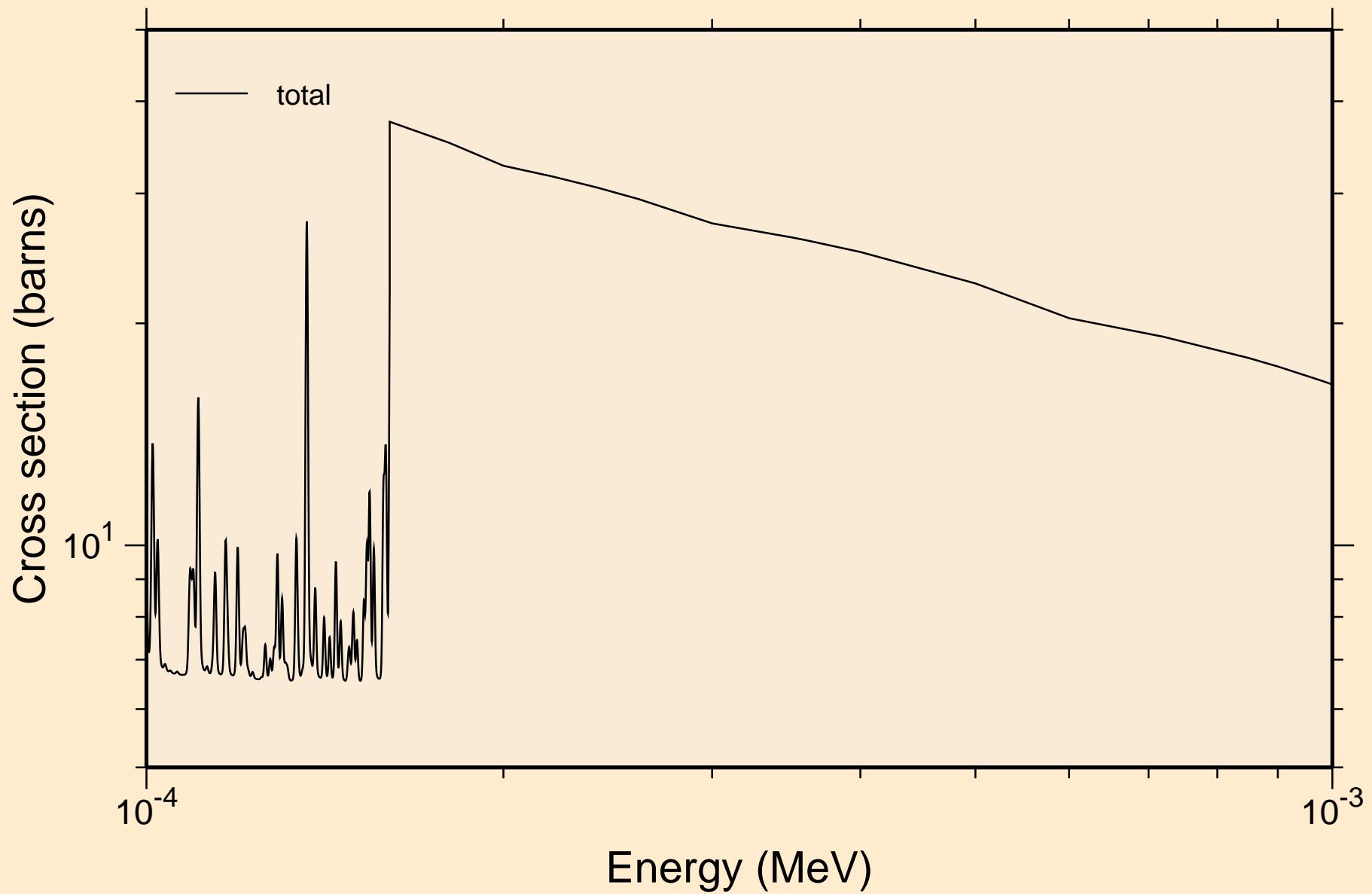
I122 NRG TENDL-2015, AKONING  
resonance total cross section



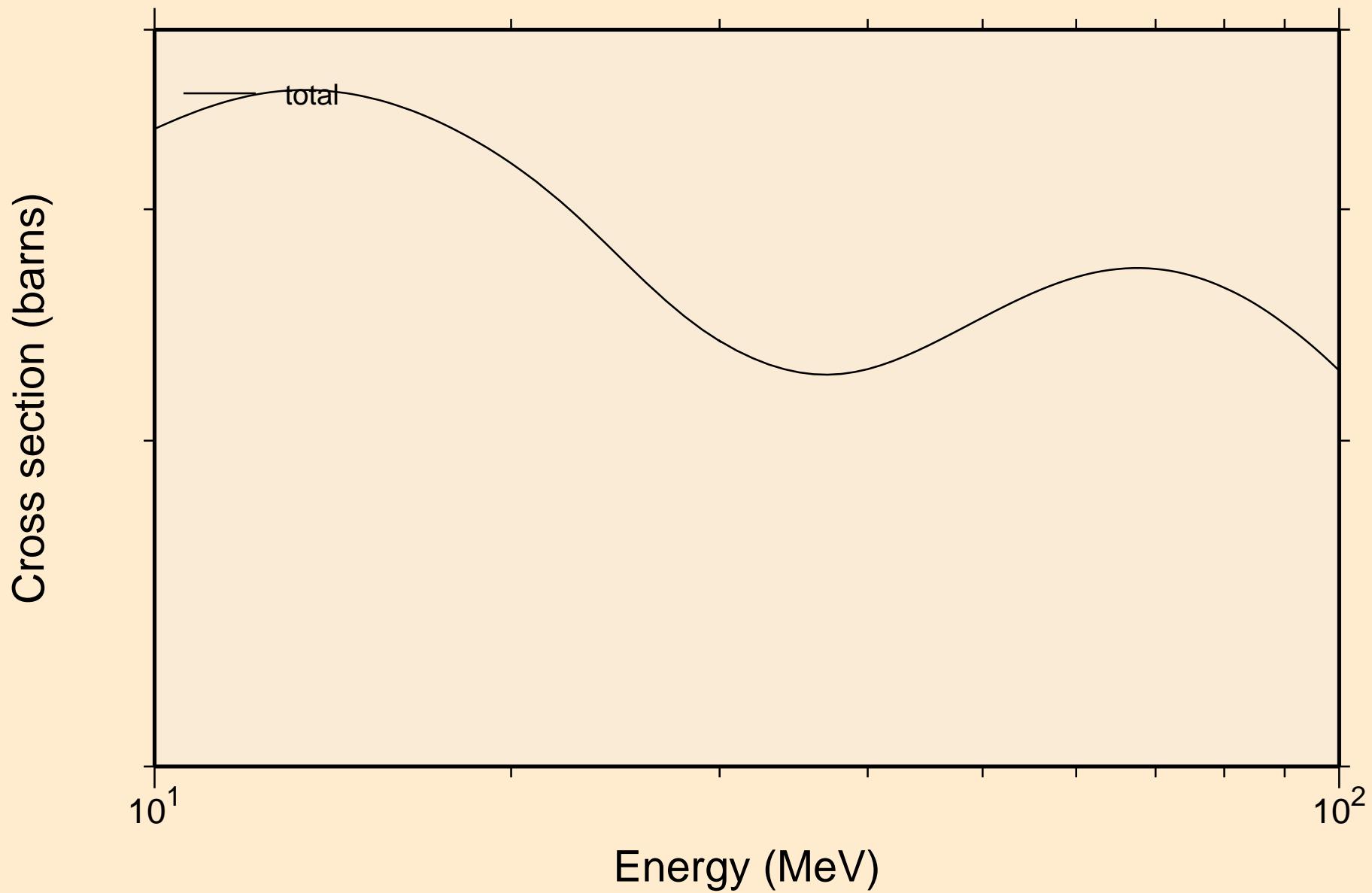
I122 NRG TENDL-2015, AKONING  
resonance total cross section



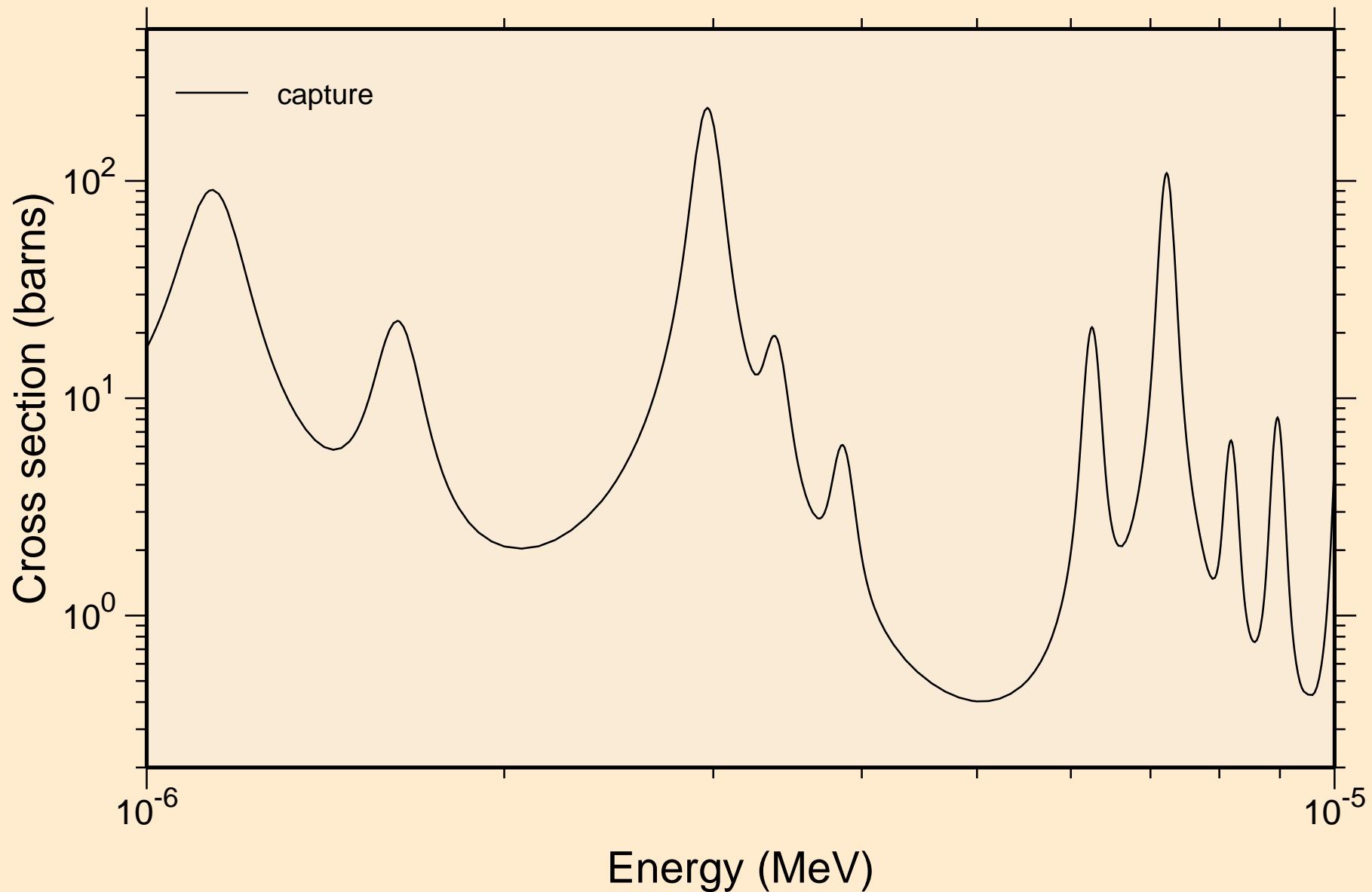
I122 NRG TENDL-2015, AKONING  
resonance total cross section



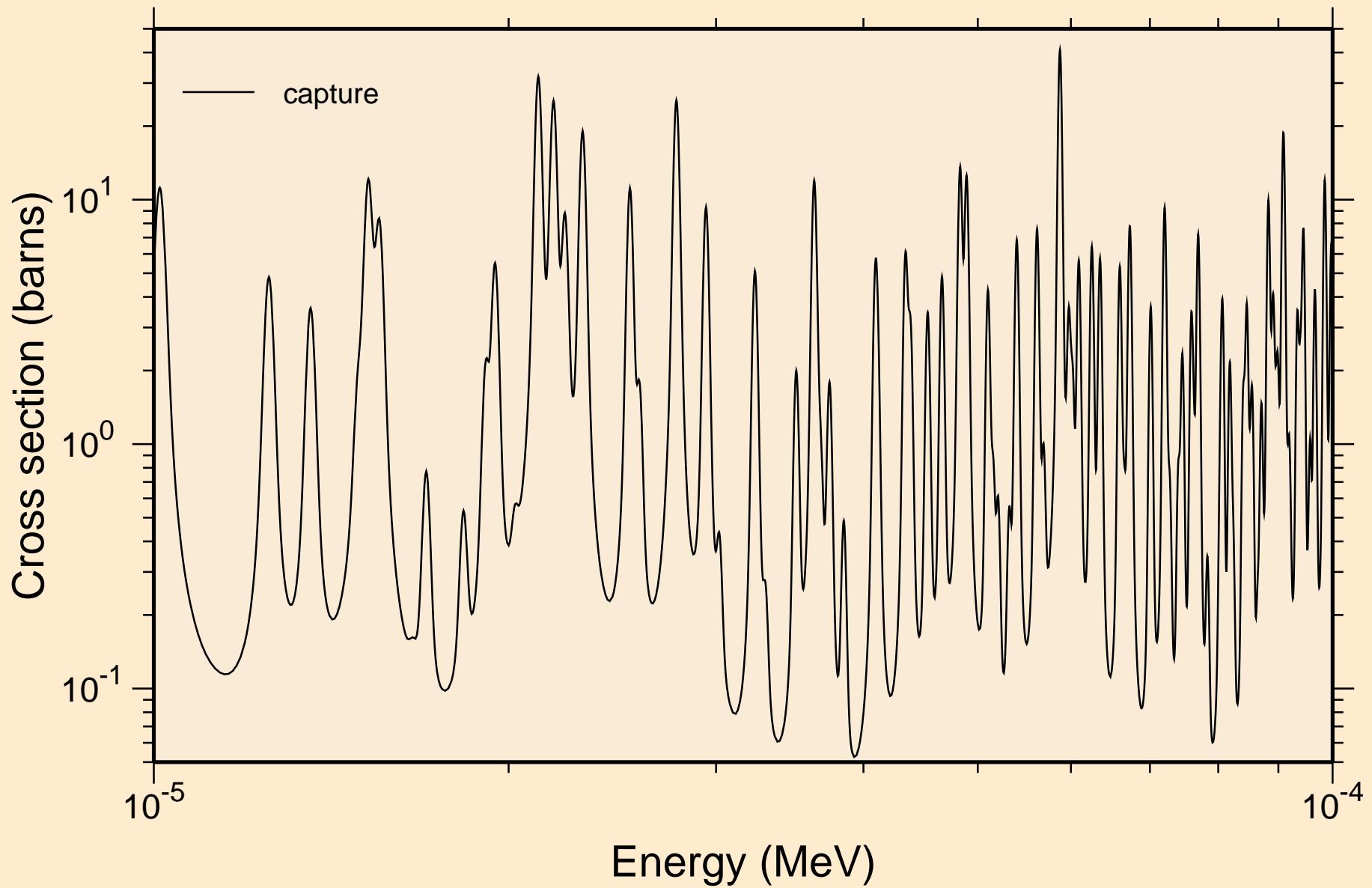
I<sub>1</sub>22 NRG TENDL-2015, AKONING  
resonance total cross section



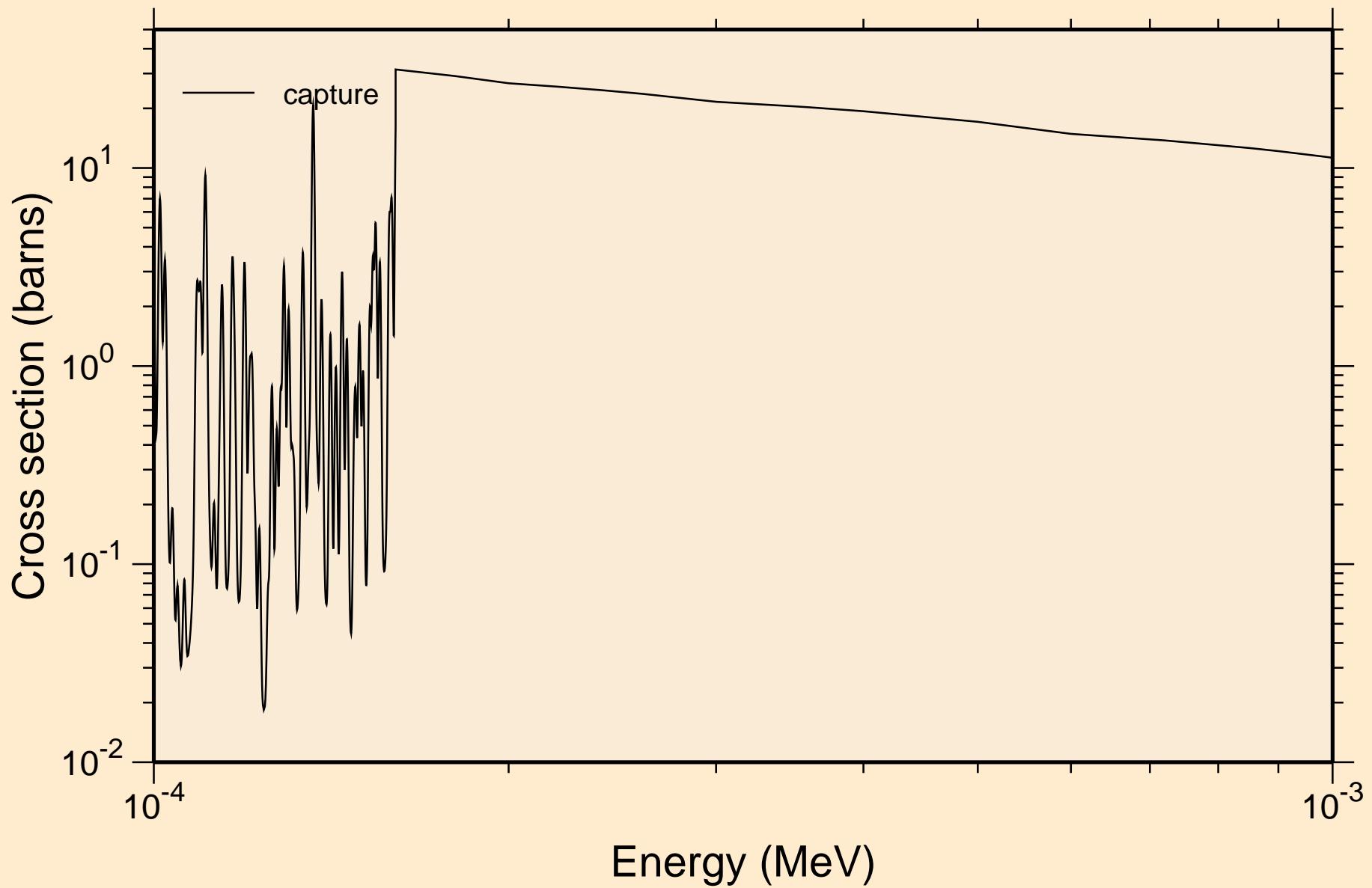
I122 NRG TENDL-2015, AKONING  
resonance absorption cross sections



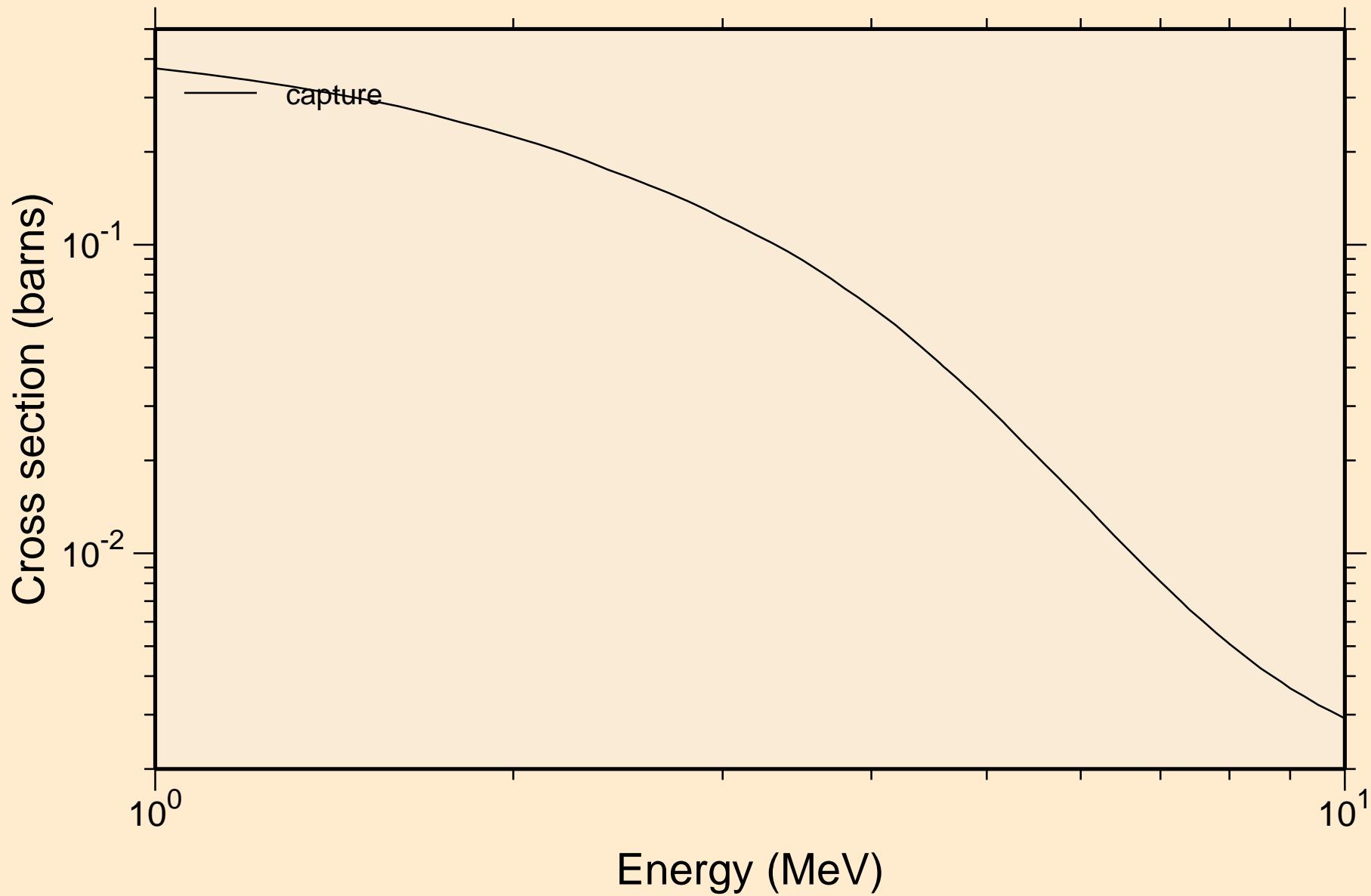
# I122 NRG TENDL-2015, AKONING resonance absorption cross sections



I122 NRG TENDL-2015, AKONING  
resonance absorption cross sections

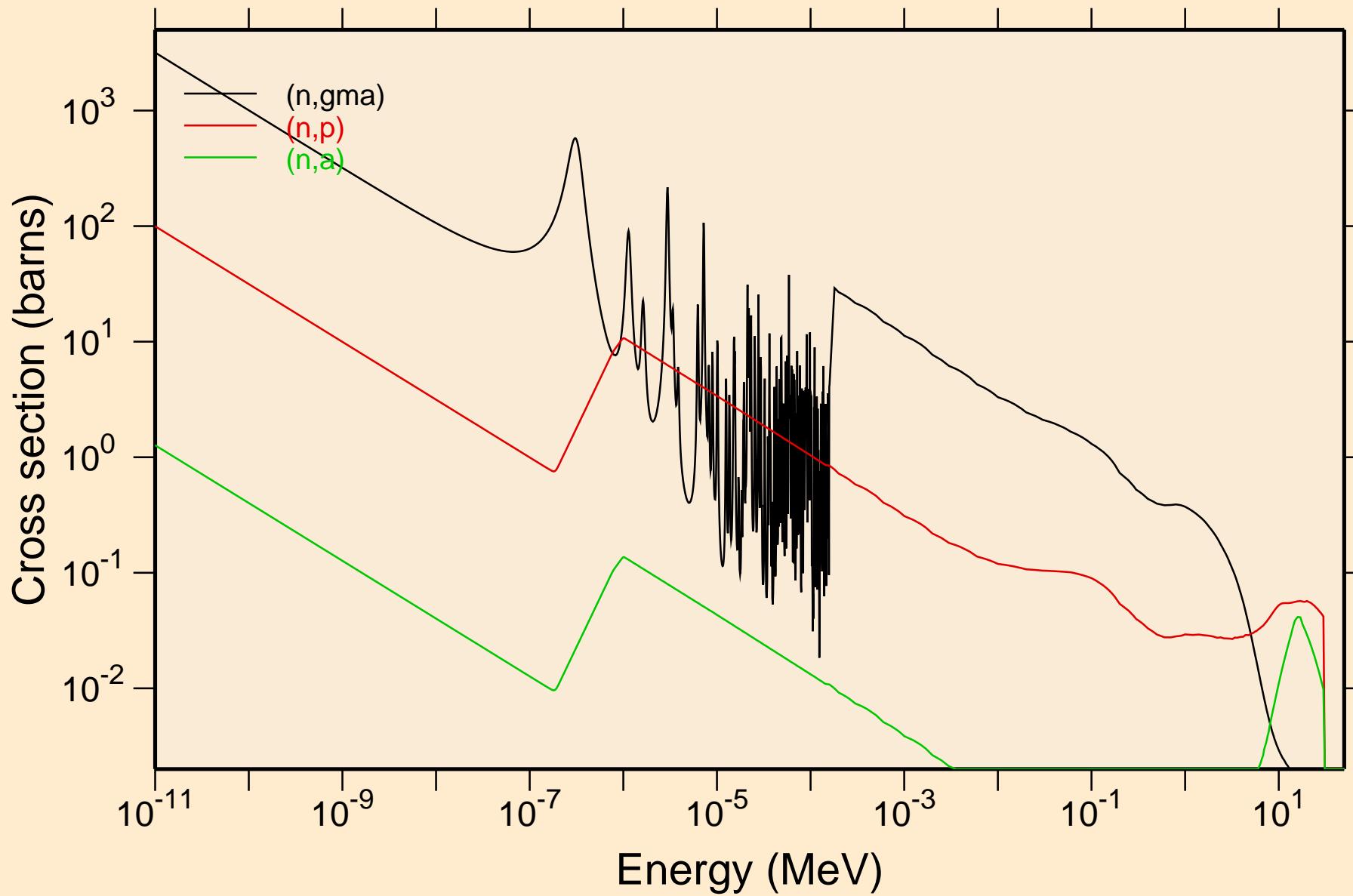


I122 NRG TENDL-2015, AKONING  
resonance absorption cross sections



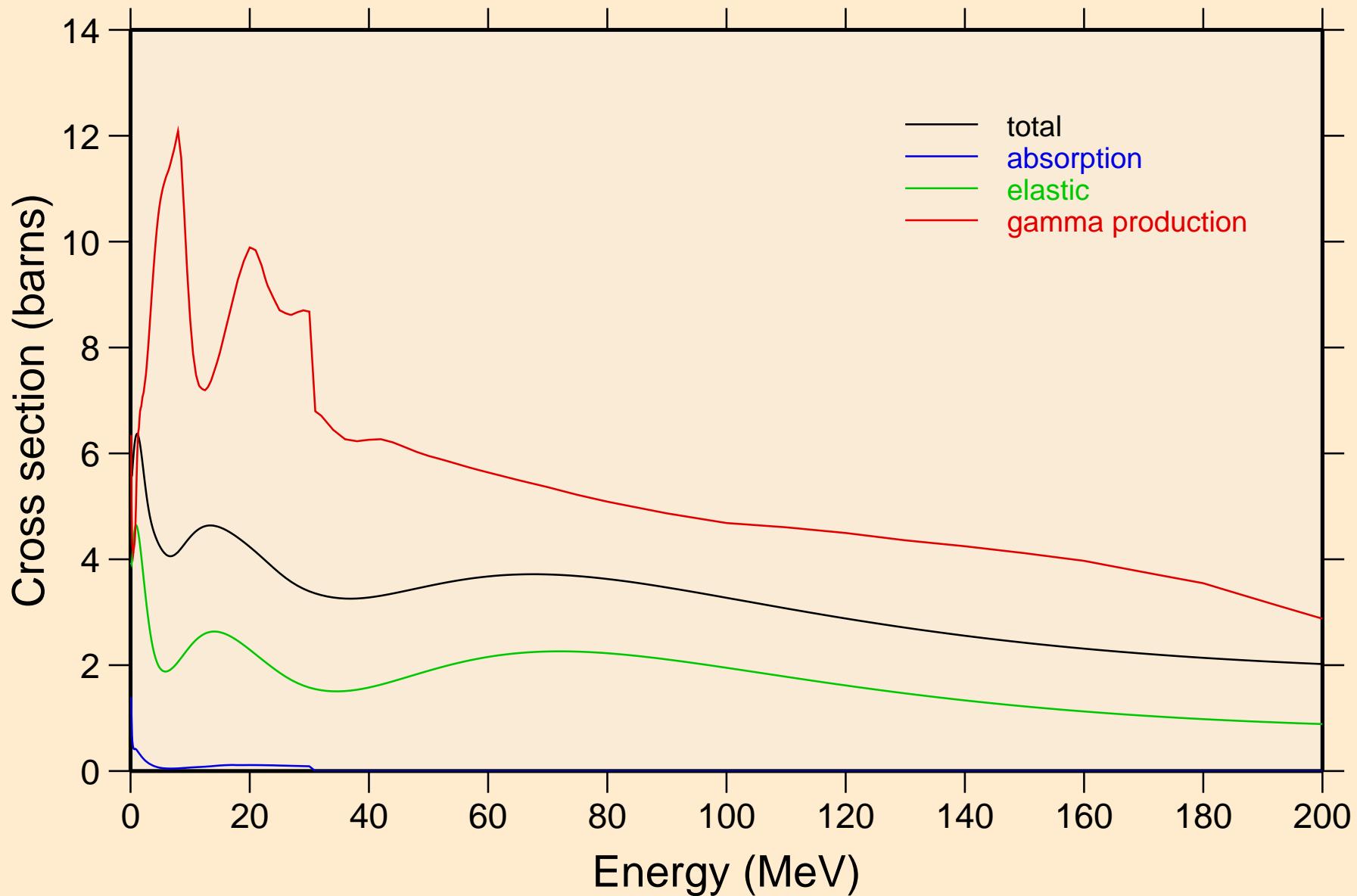
# I122 NRG TENDL-2015, AKONING

## Non-threshold reactions



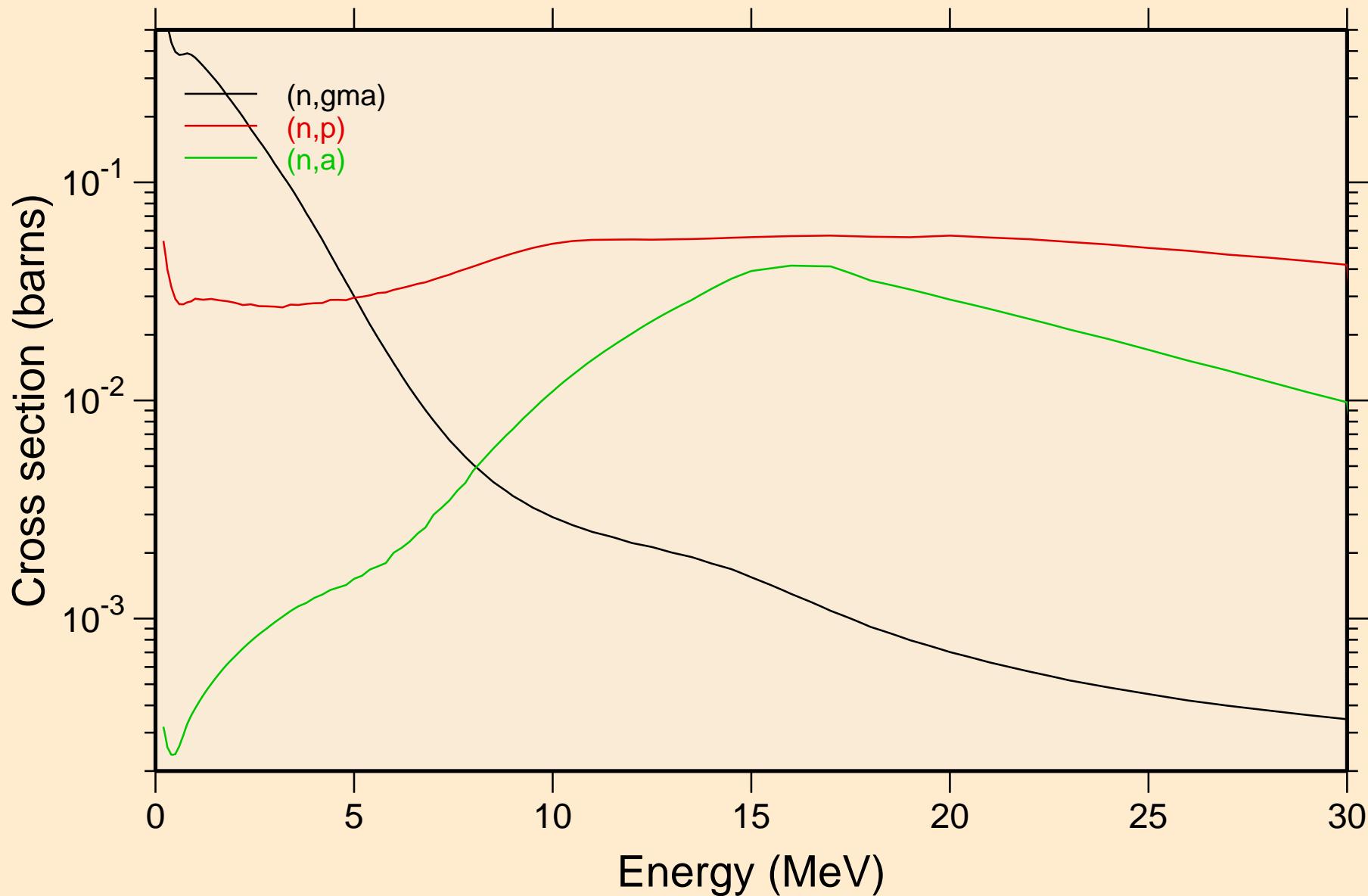
# I122 NRG TENDL-2015, AKONING

## Principal cross sections



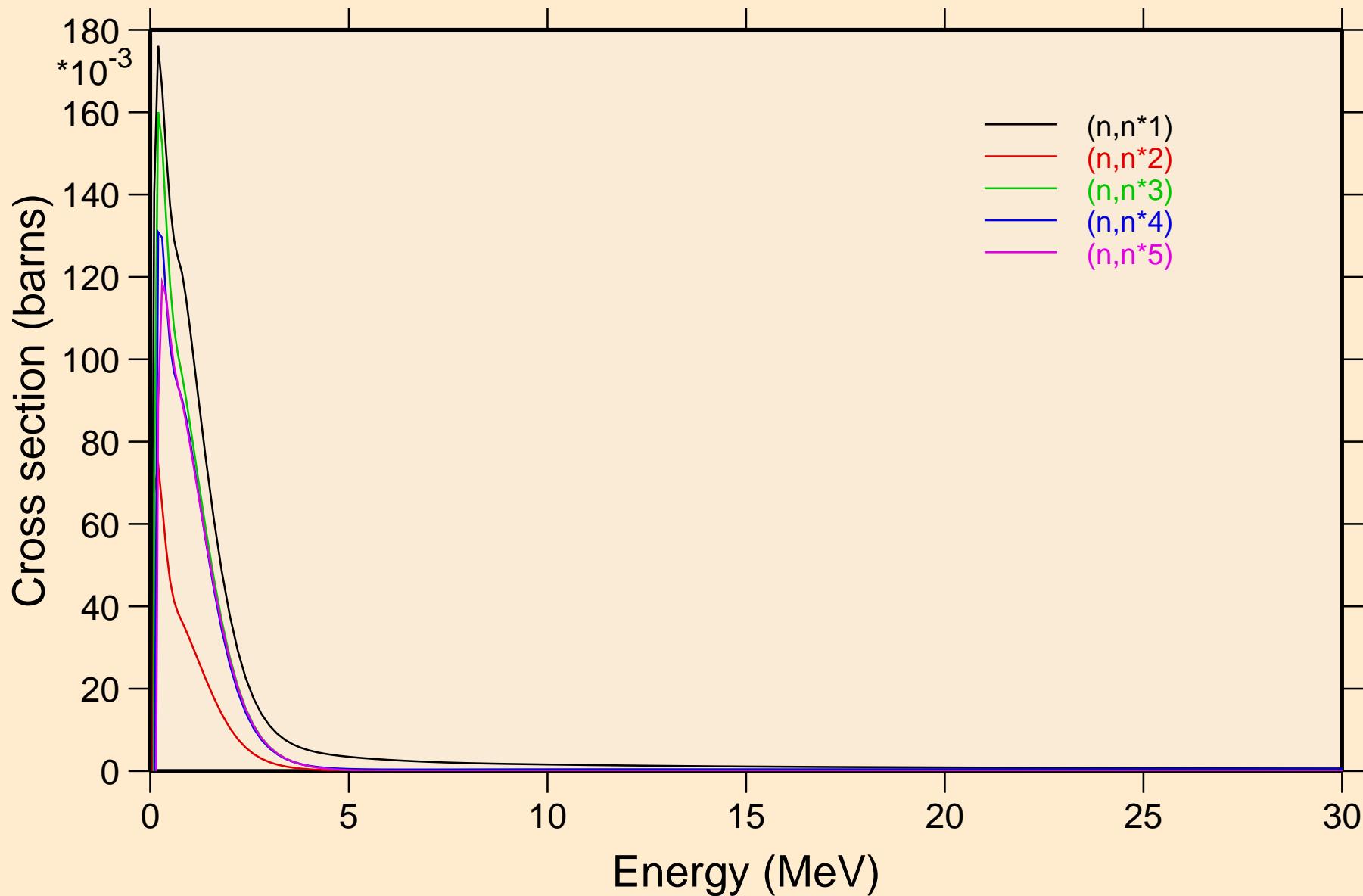
# I122 NRG TENDL-2015, AKONING

## Non-threshold reactions



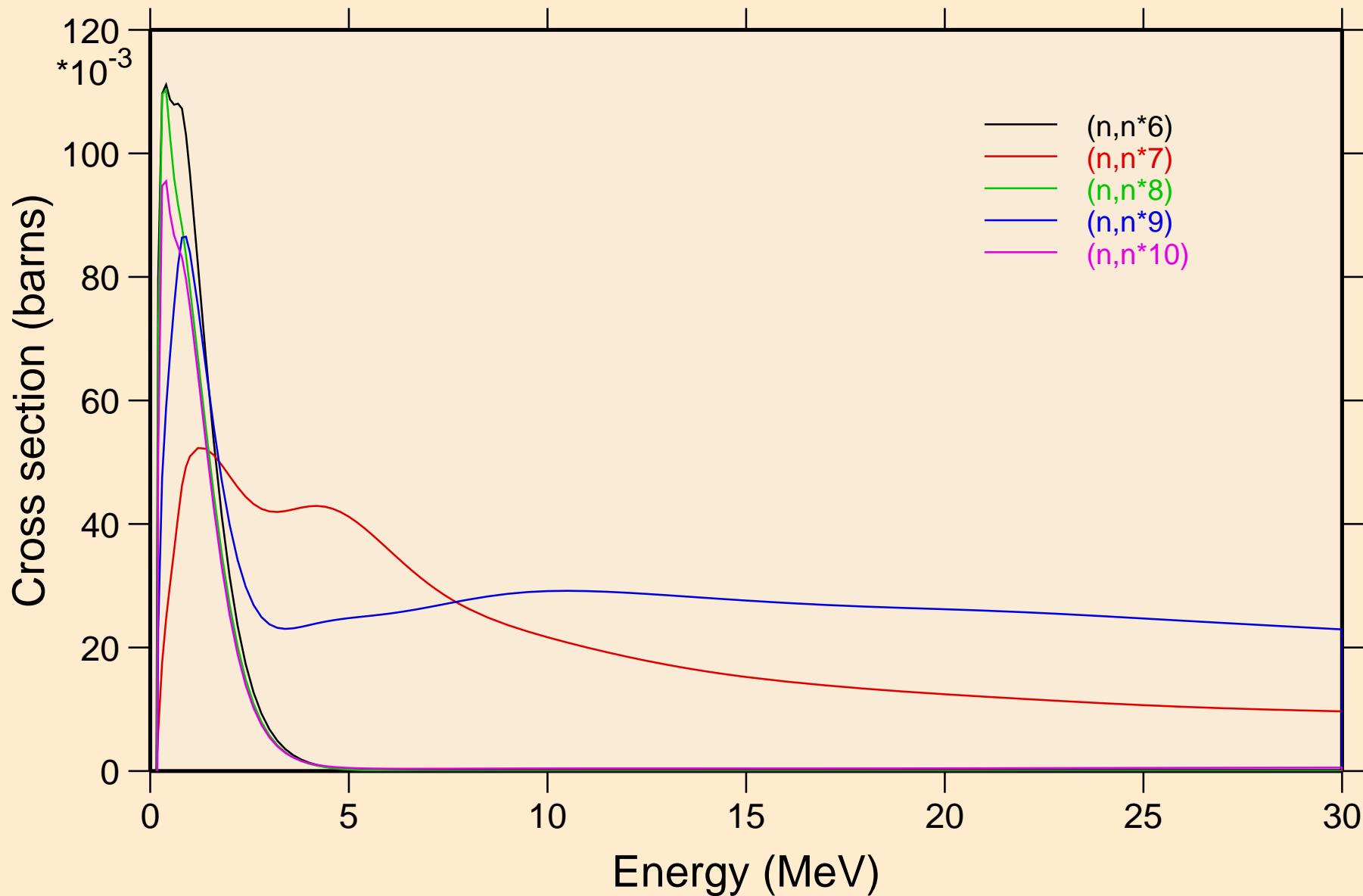
# I122 NRG TENDL-2015, AKONING

## Inelastic levels



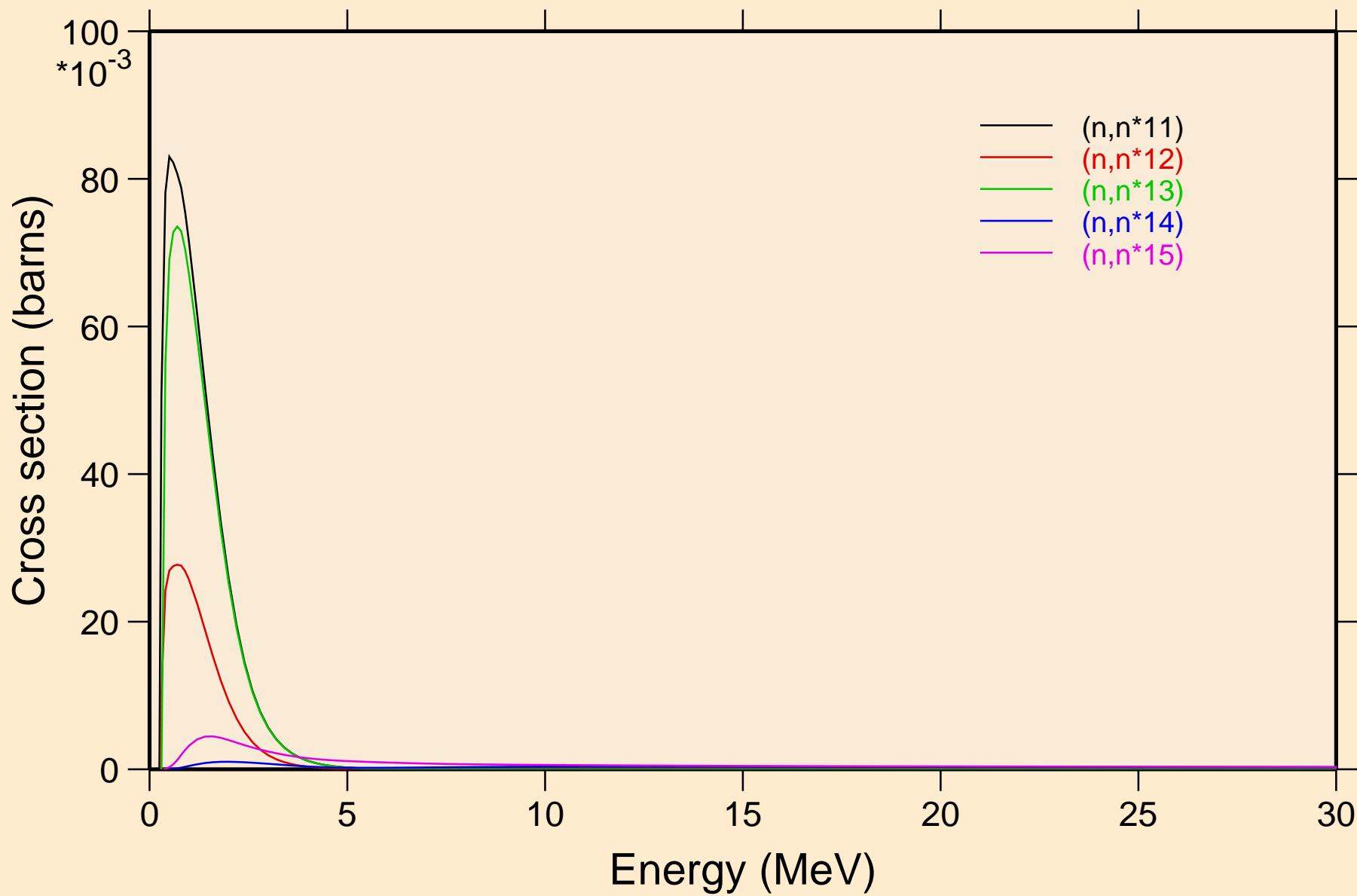
# I122 NRG TENDL-2015, AKONING

## Inelastic levels



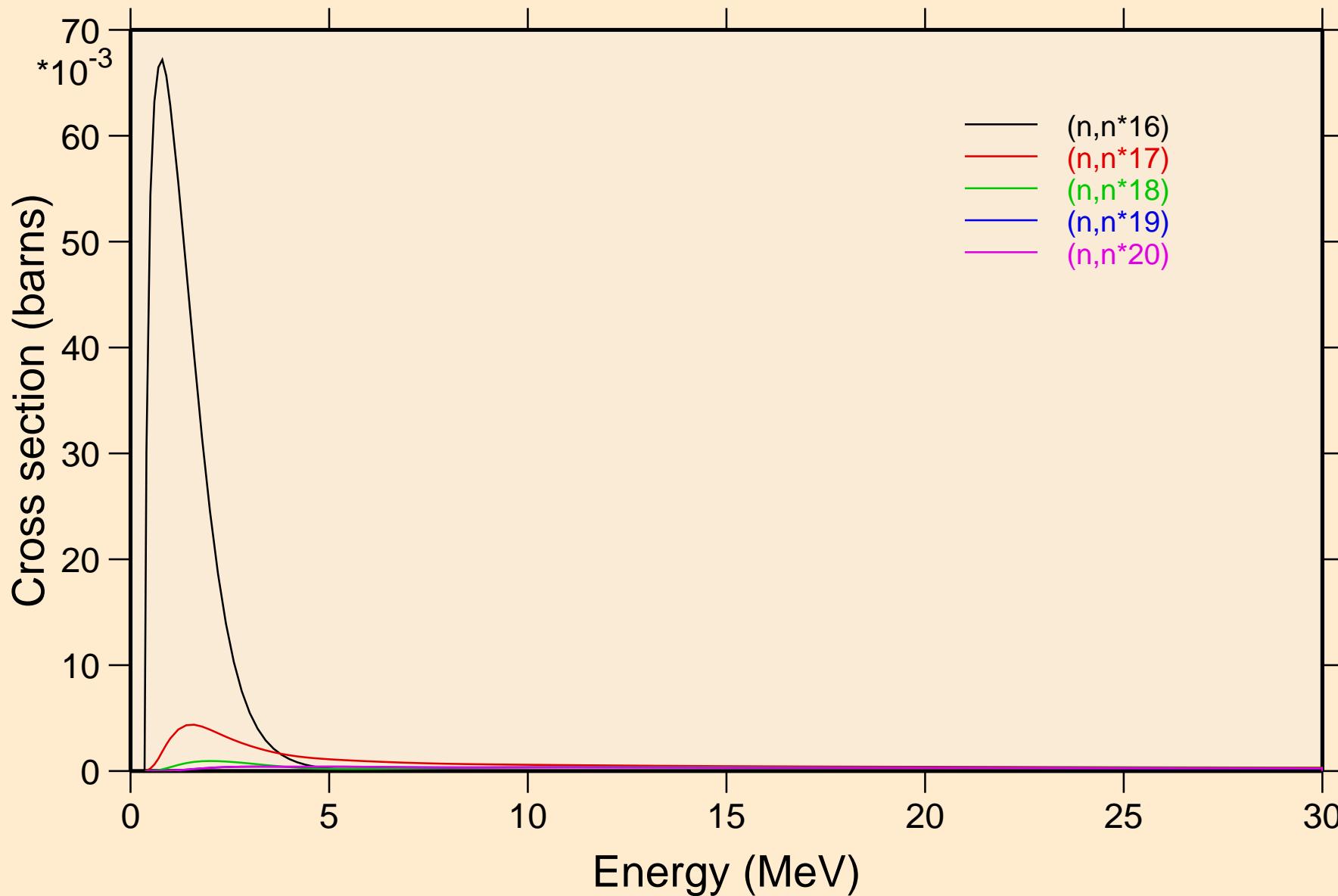
# I122 NRG TENDL-2015, AKONING

## Inelastic levels



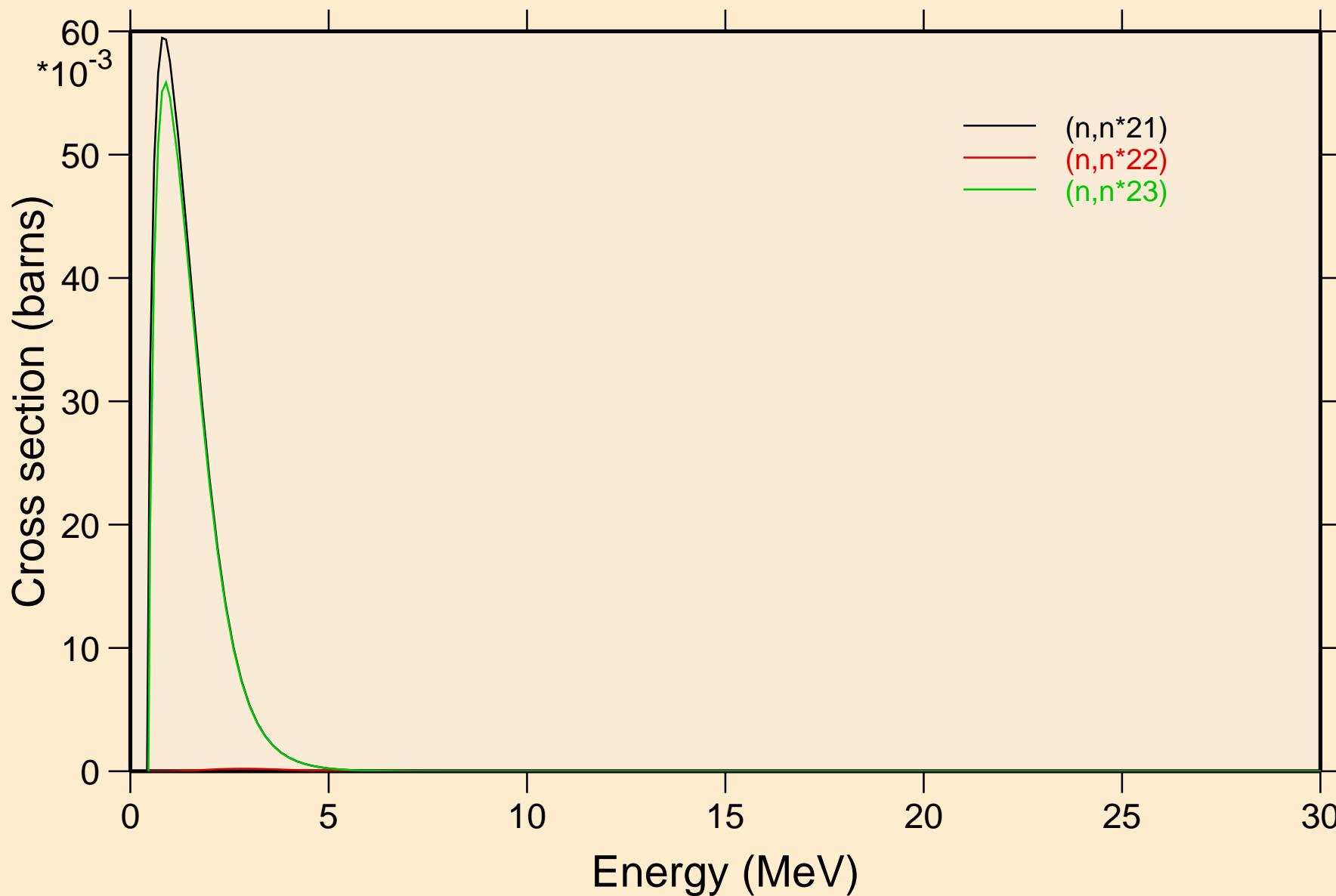
# I122 NRG TENDL-2015, AKONING

## Inelastic levels



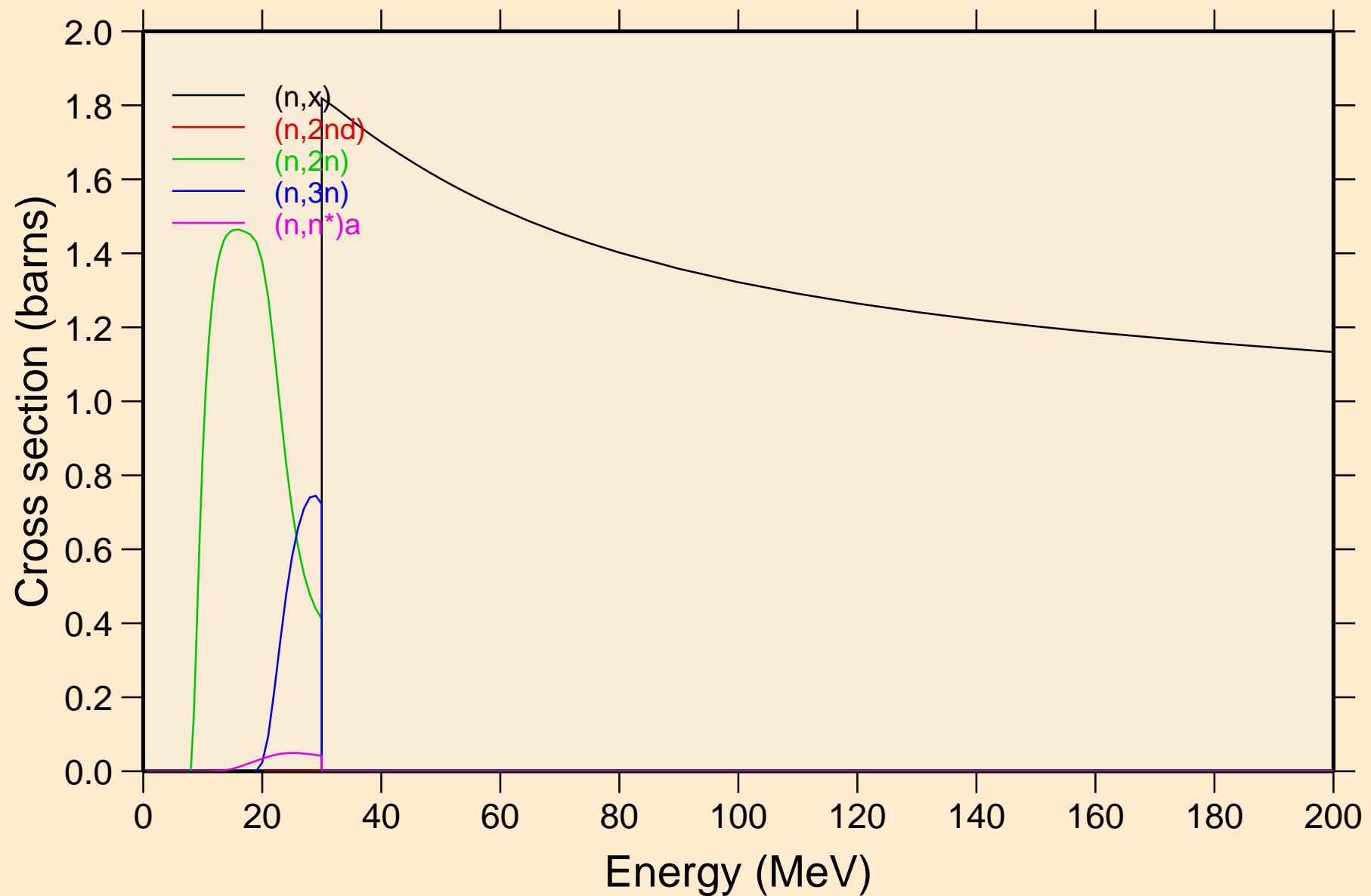
# I122 NRG TENDL-2015, AKONING

## Inelastic levels



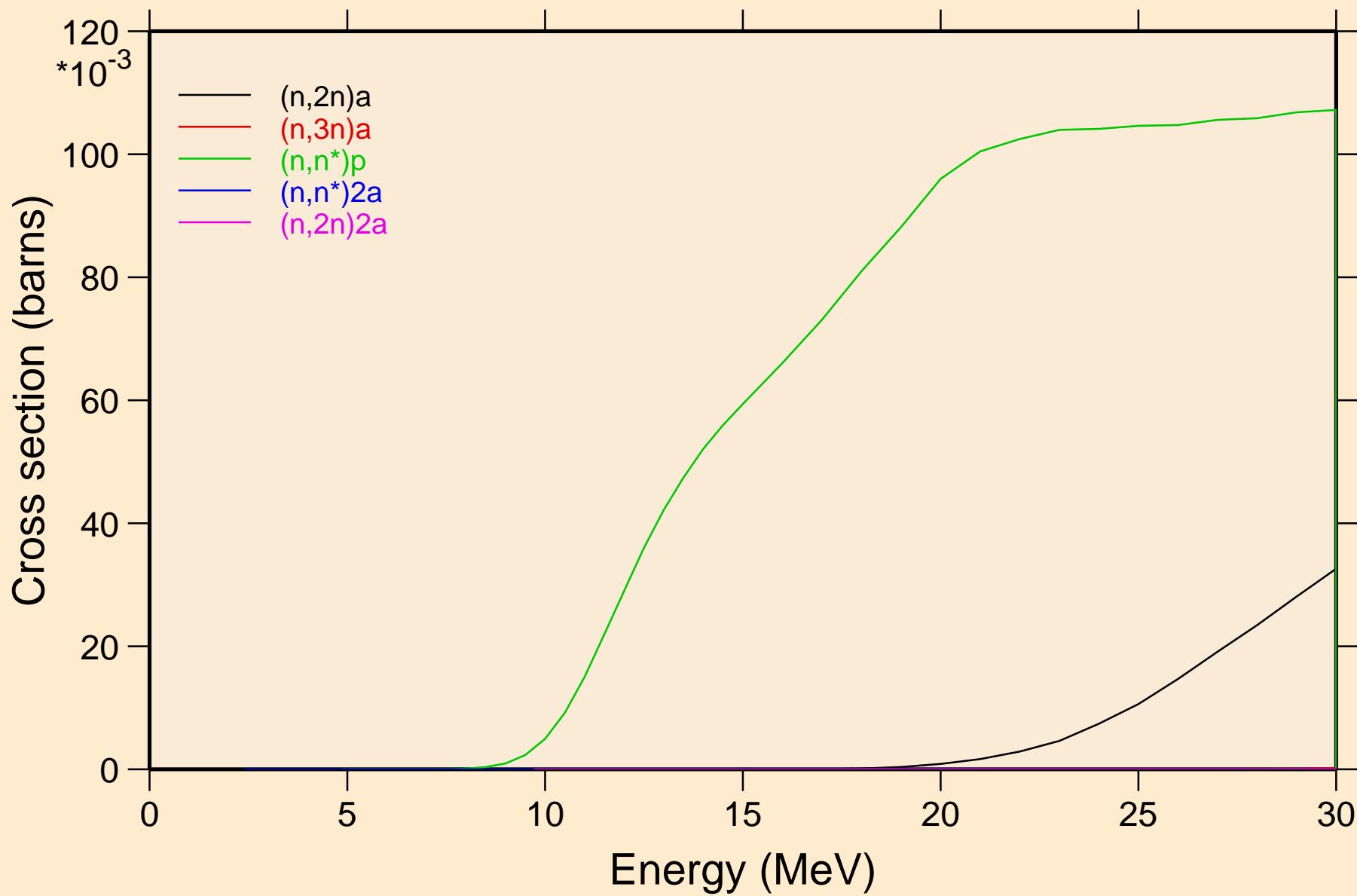
# I122 NRG TENDL-2015, AKONING

## Threshold reactions



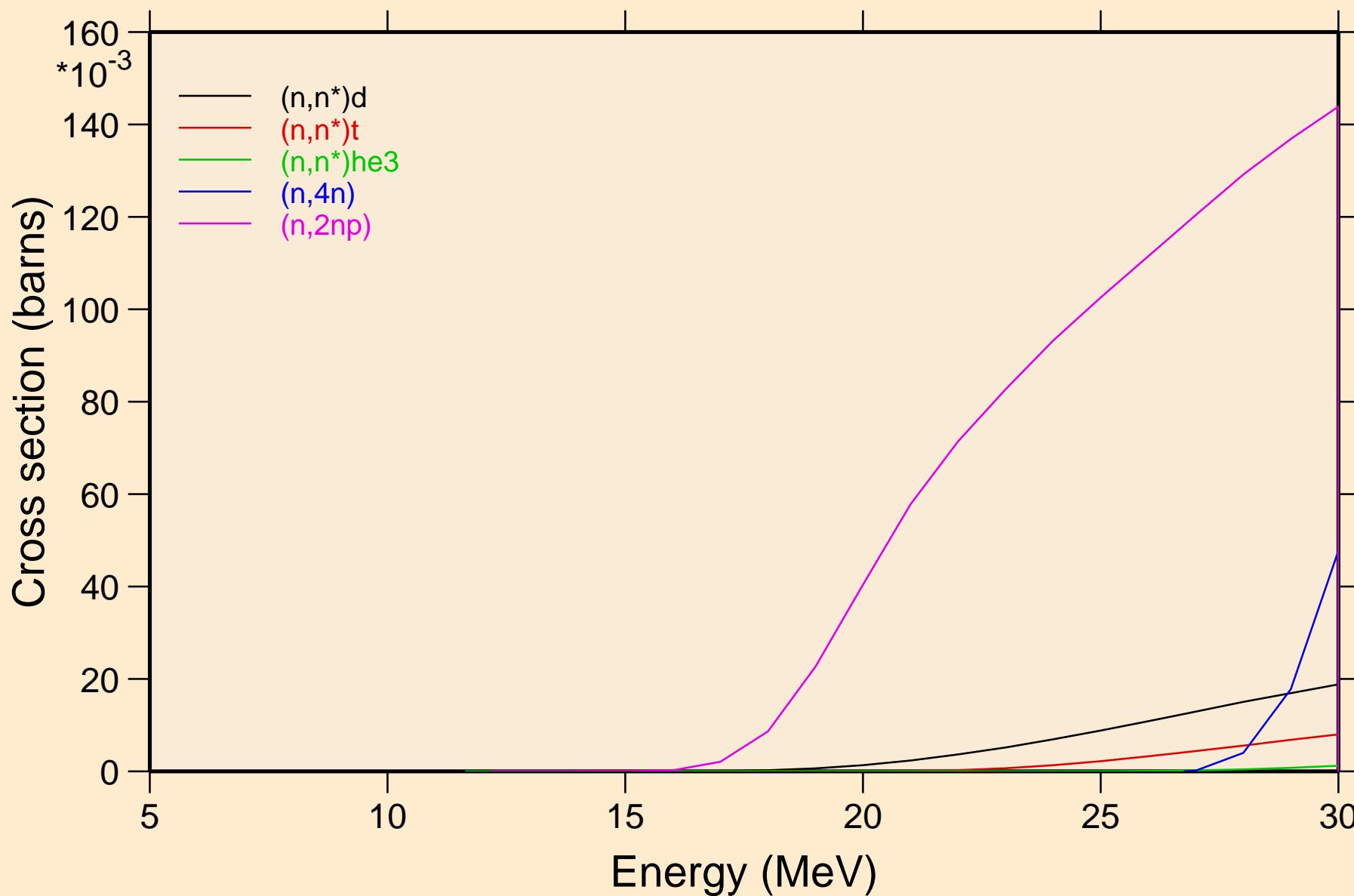
# I122 NRG TENDL-2015, AKONING

## Threshold reactions



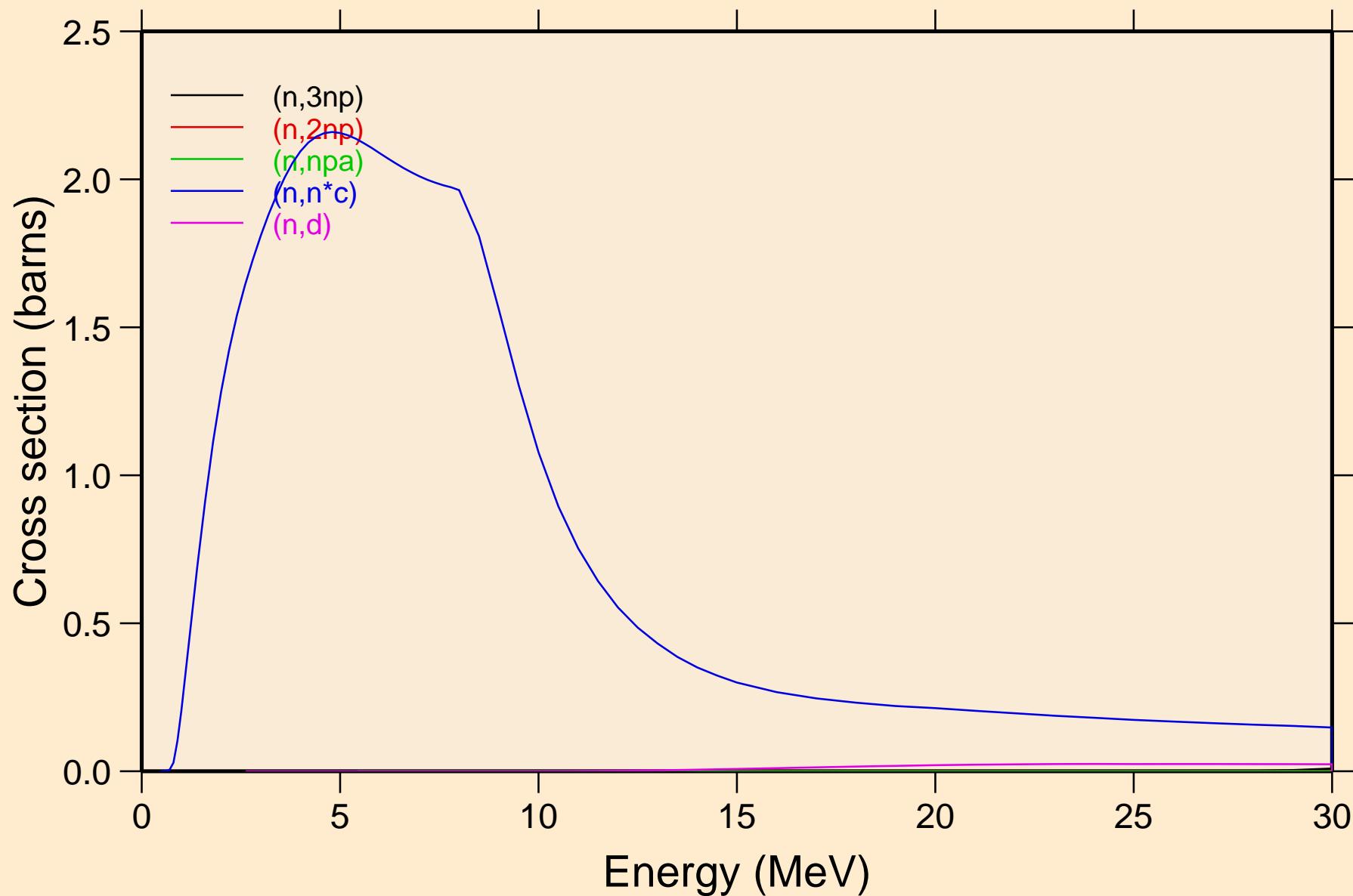
# I122 NRG TENDL-2015, AKONING

## Threshold reactions



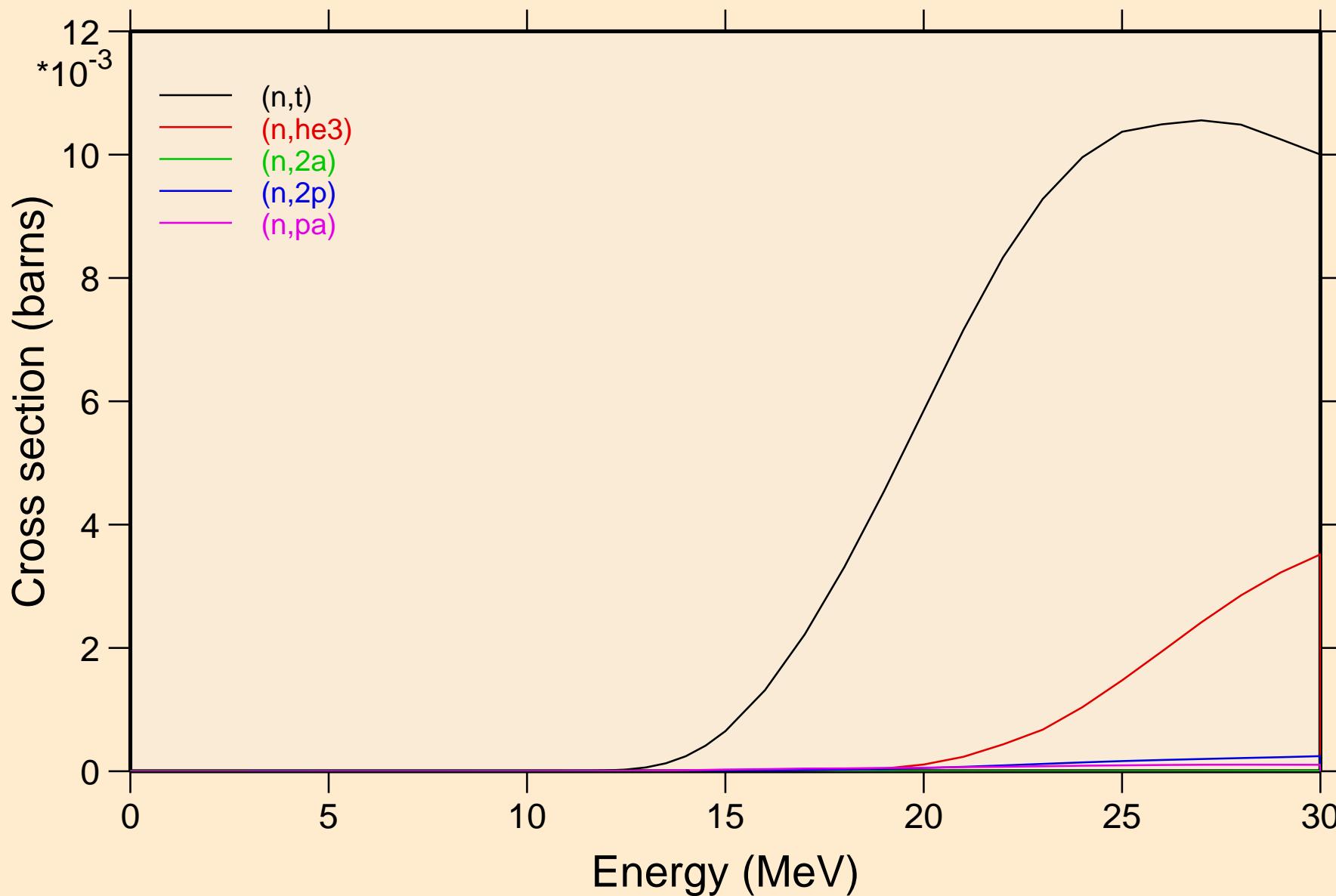
# I122 NRG TENDL-2015, AKONING

## Threshold reactions



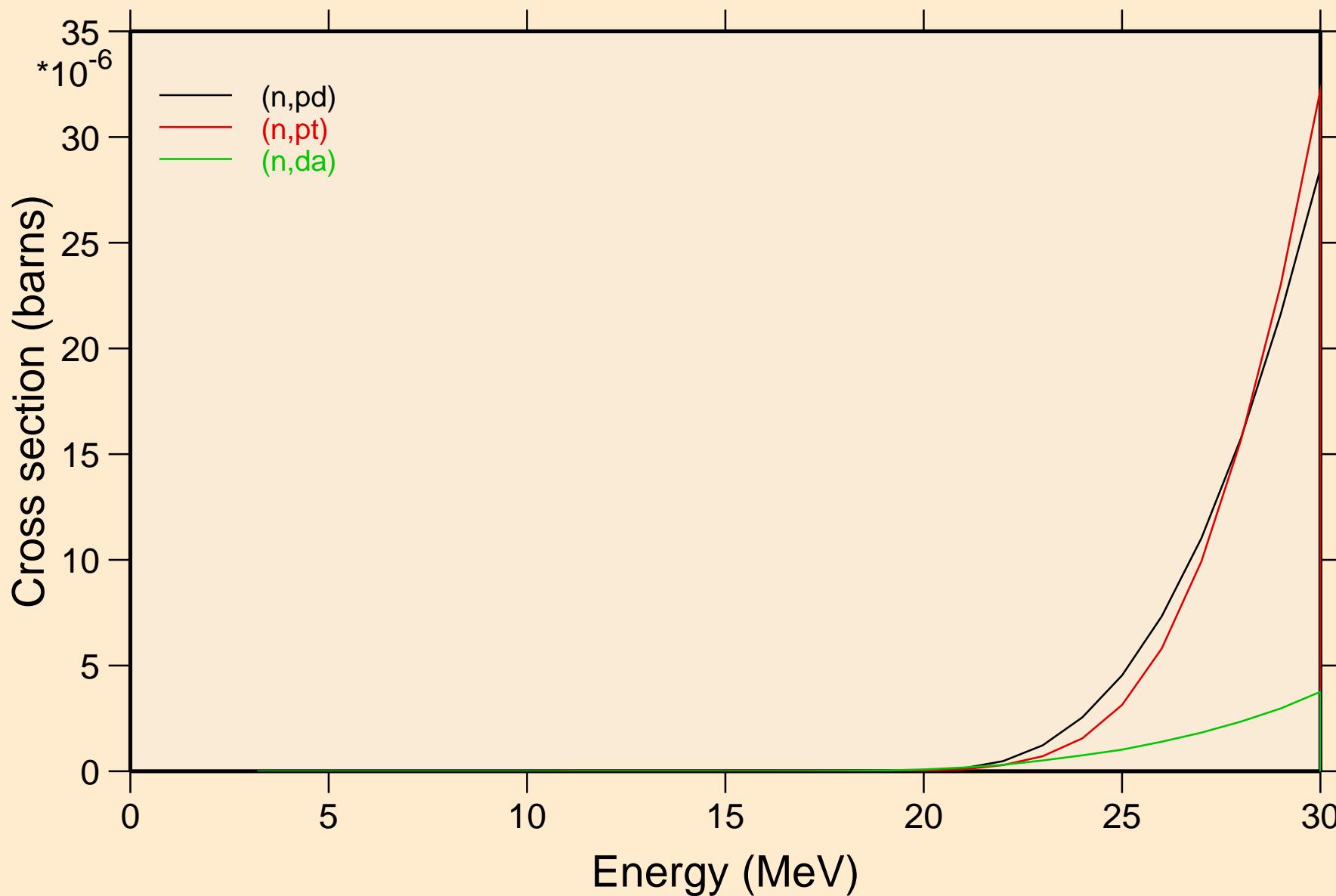
# I122 NRG TENDL-2015, AKONING

## Threshold reactions

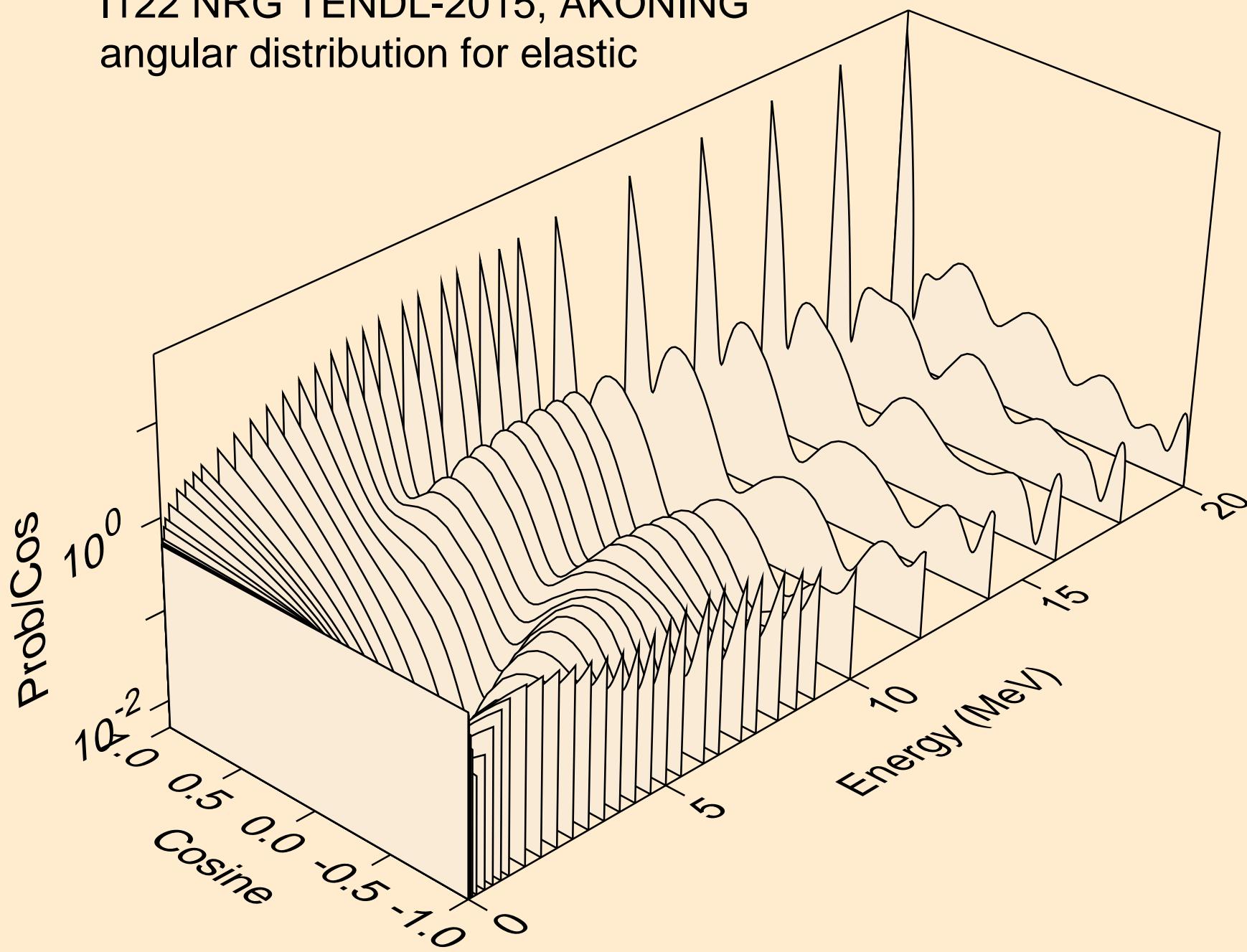


# I122 NRG TENDL-2015, AKONING

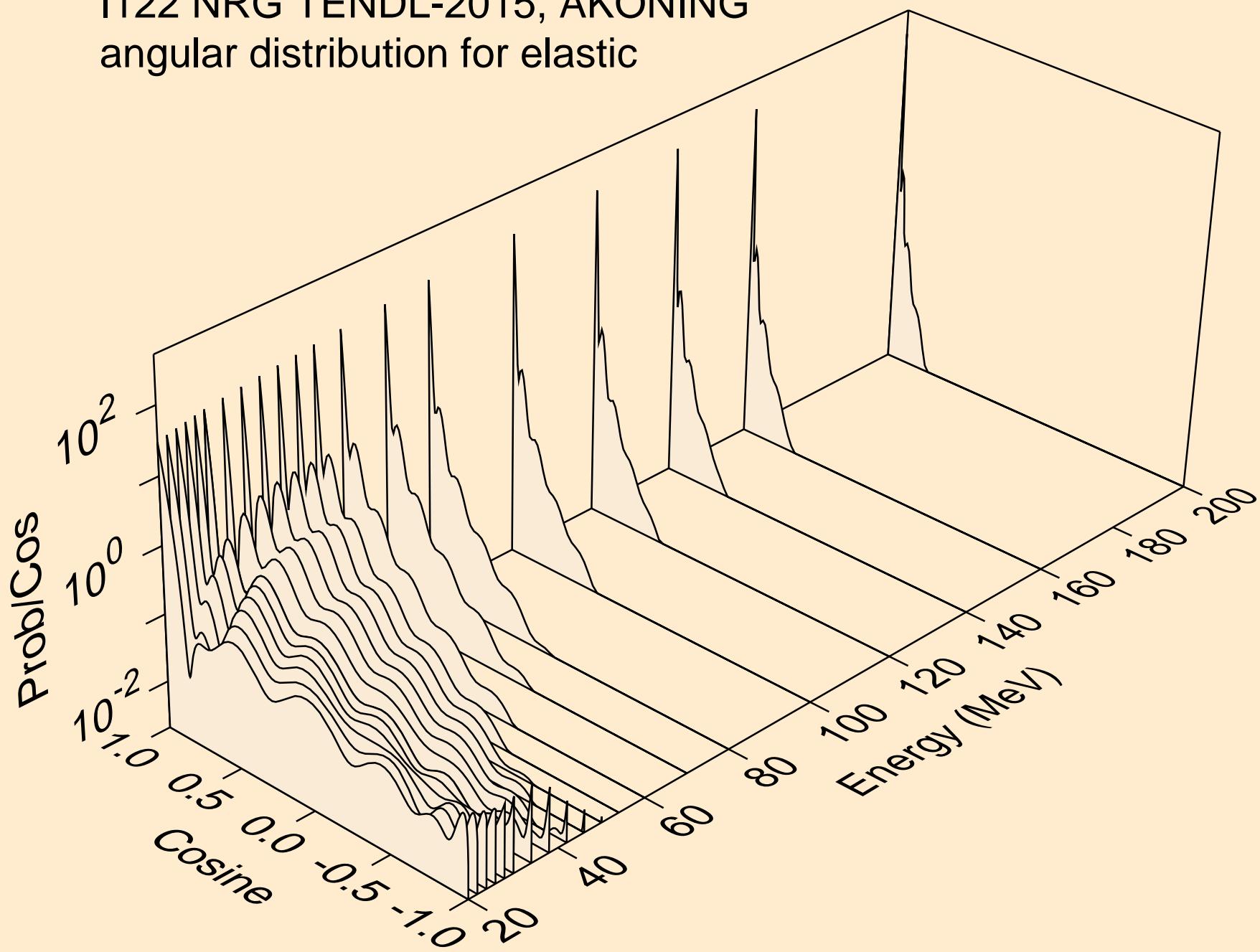
## Threshold reactions



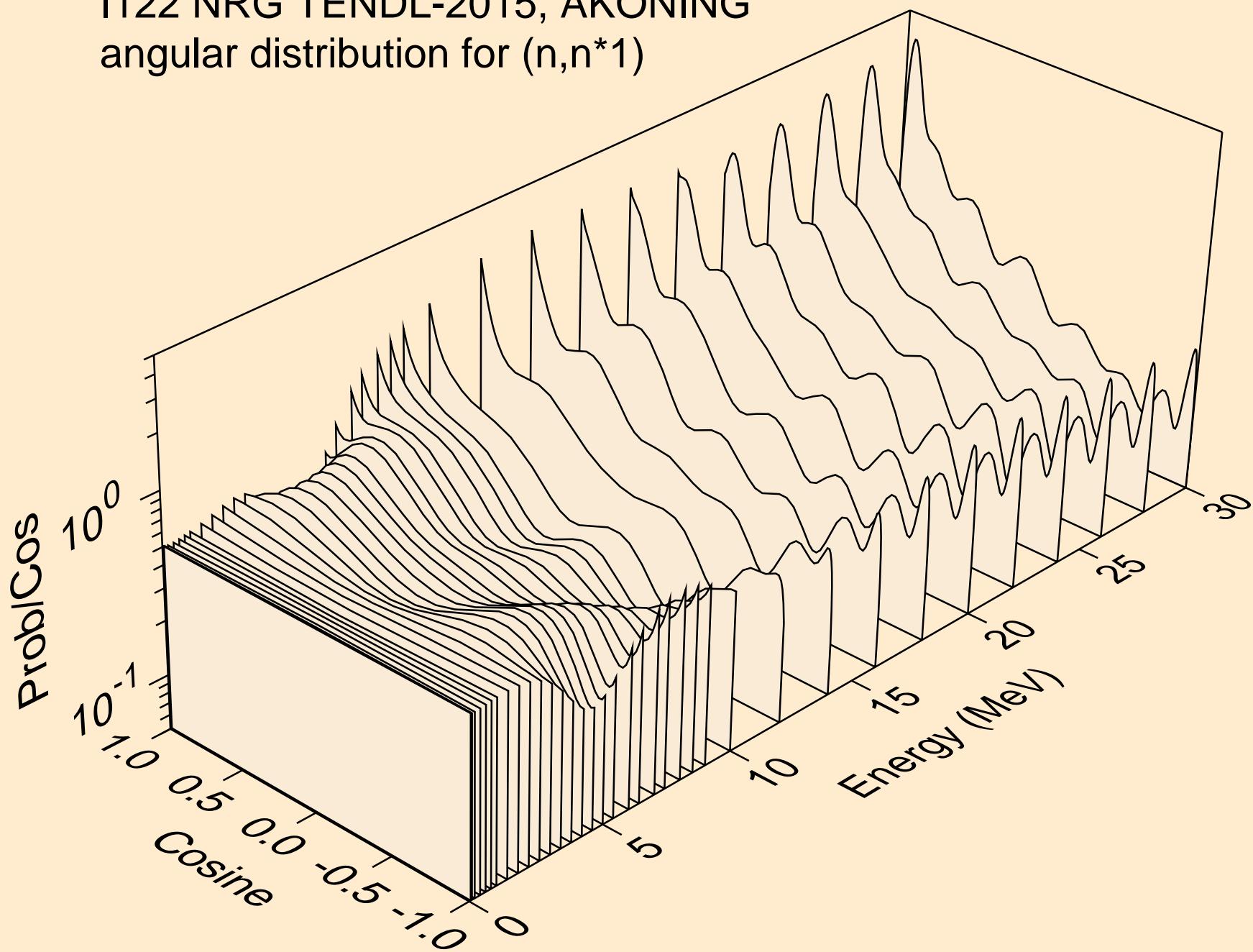
I122 NRG TENDL-2015, AKONING  
angular distribution for elastic



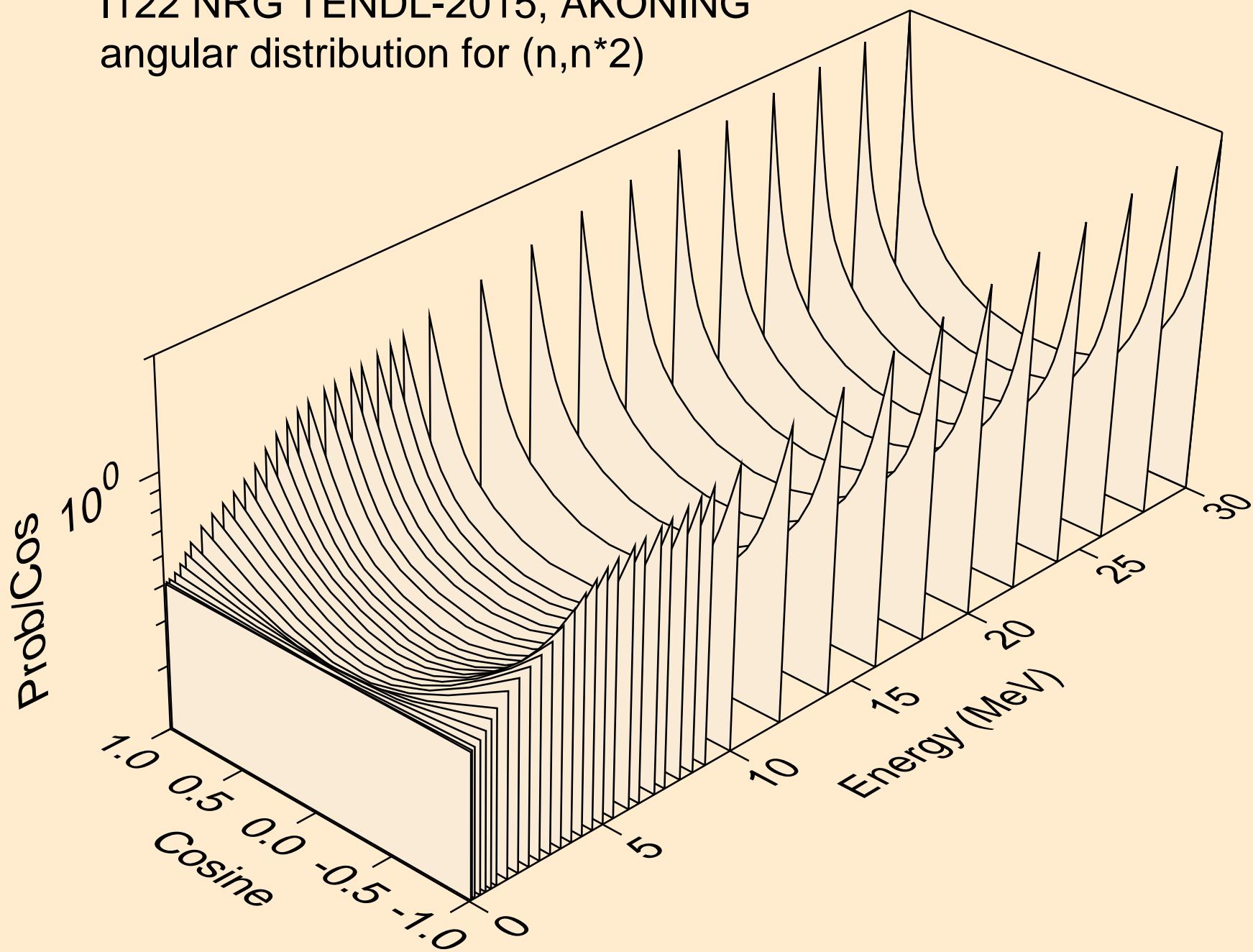
I122 NRG TENDL-2015, AKONING  
angular distribution for elastic



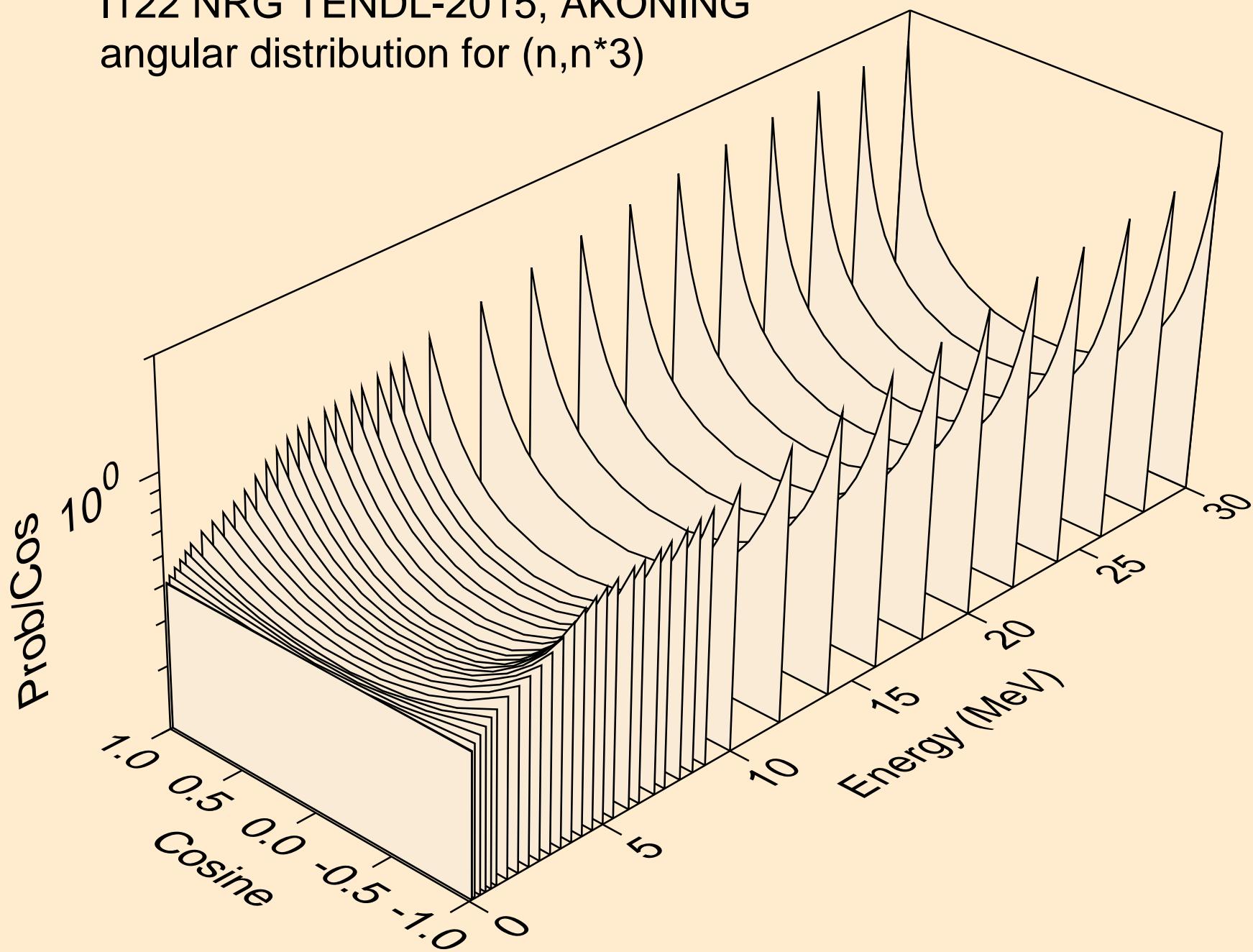
I122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



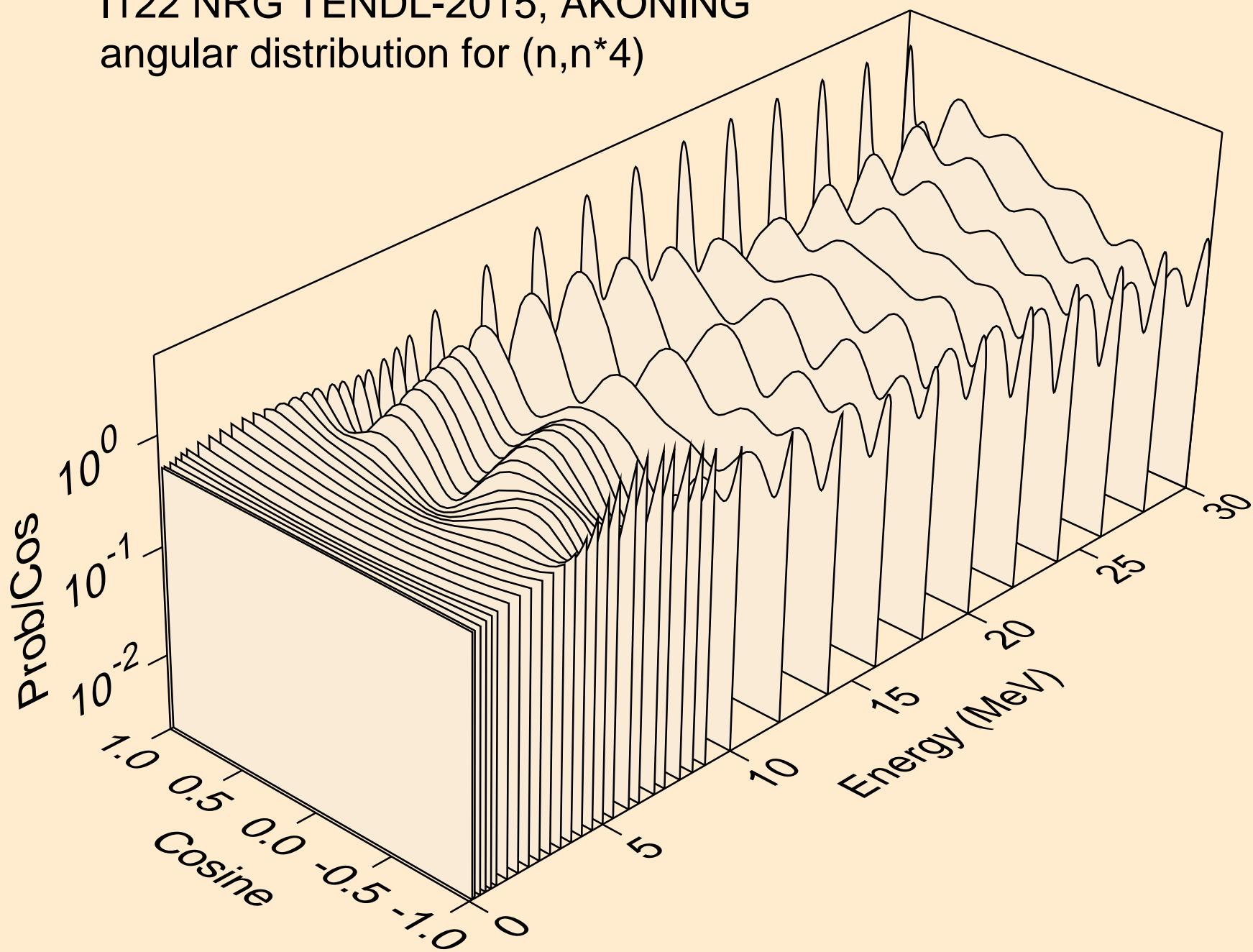
I122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^2$



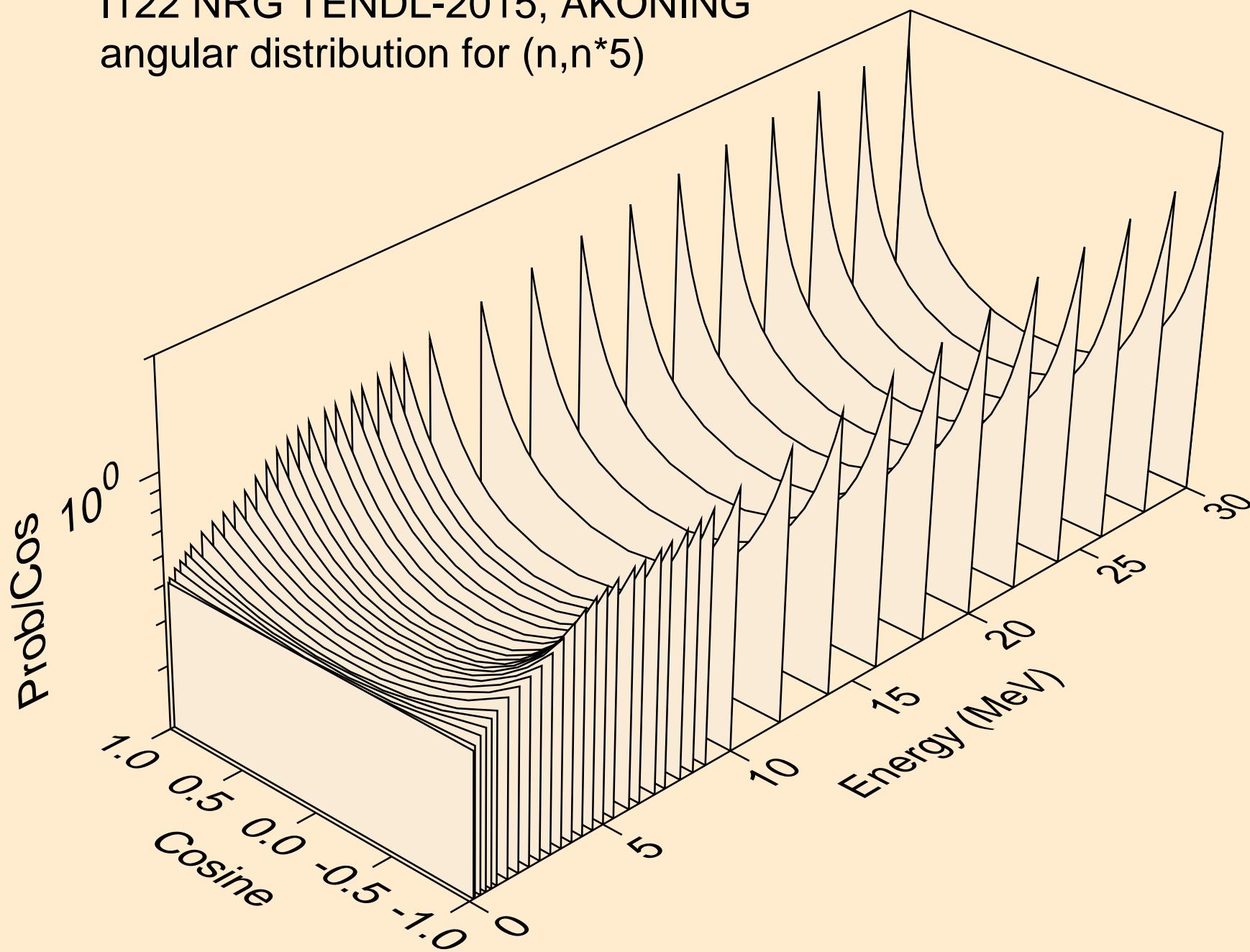
I122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



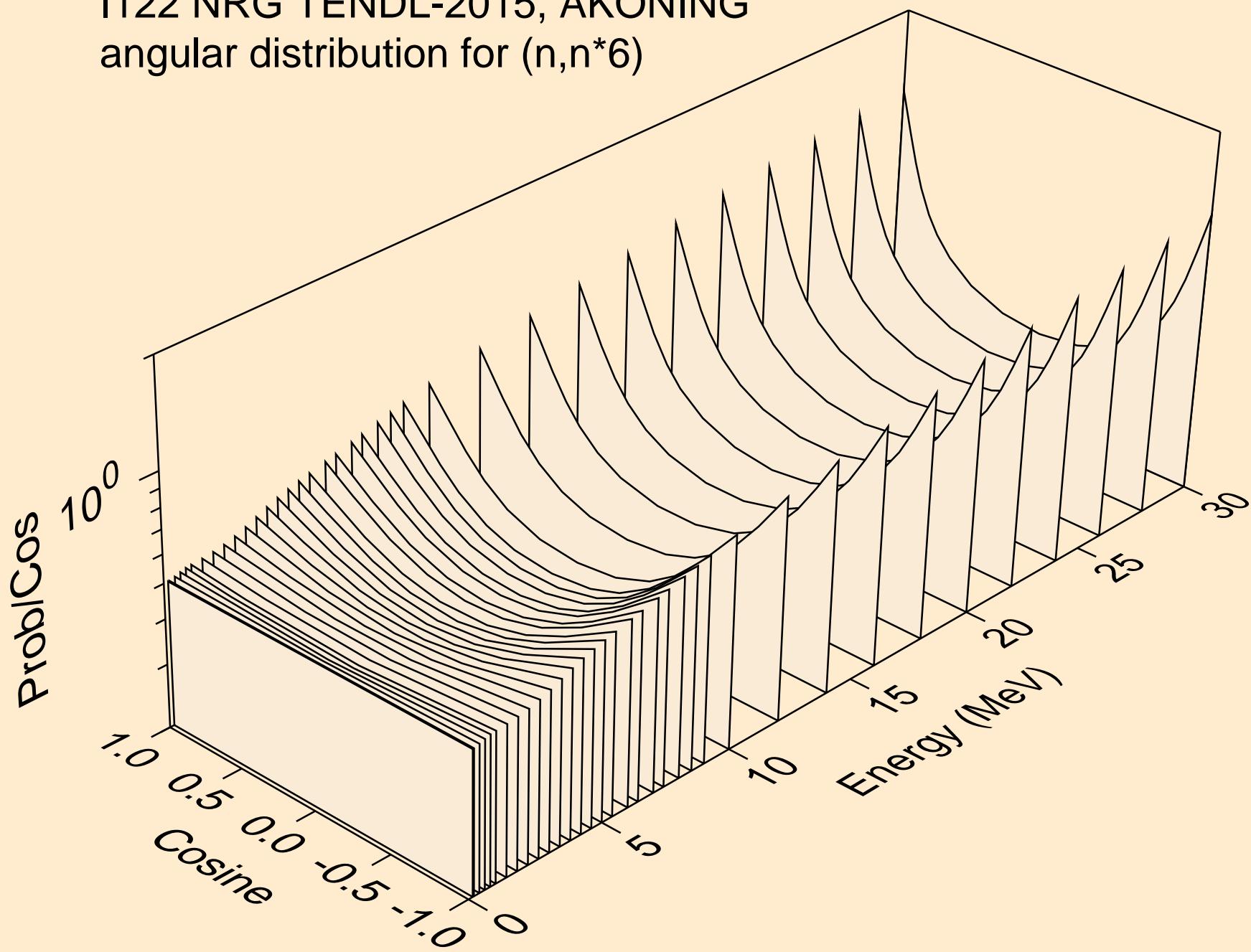
I122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



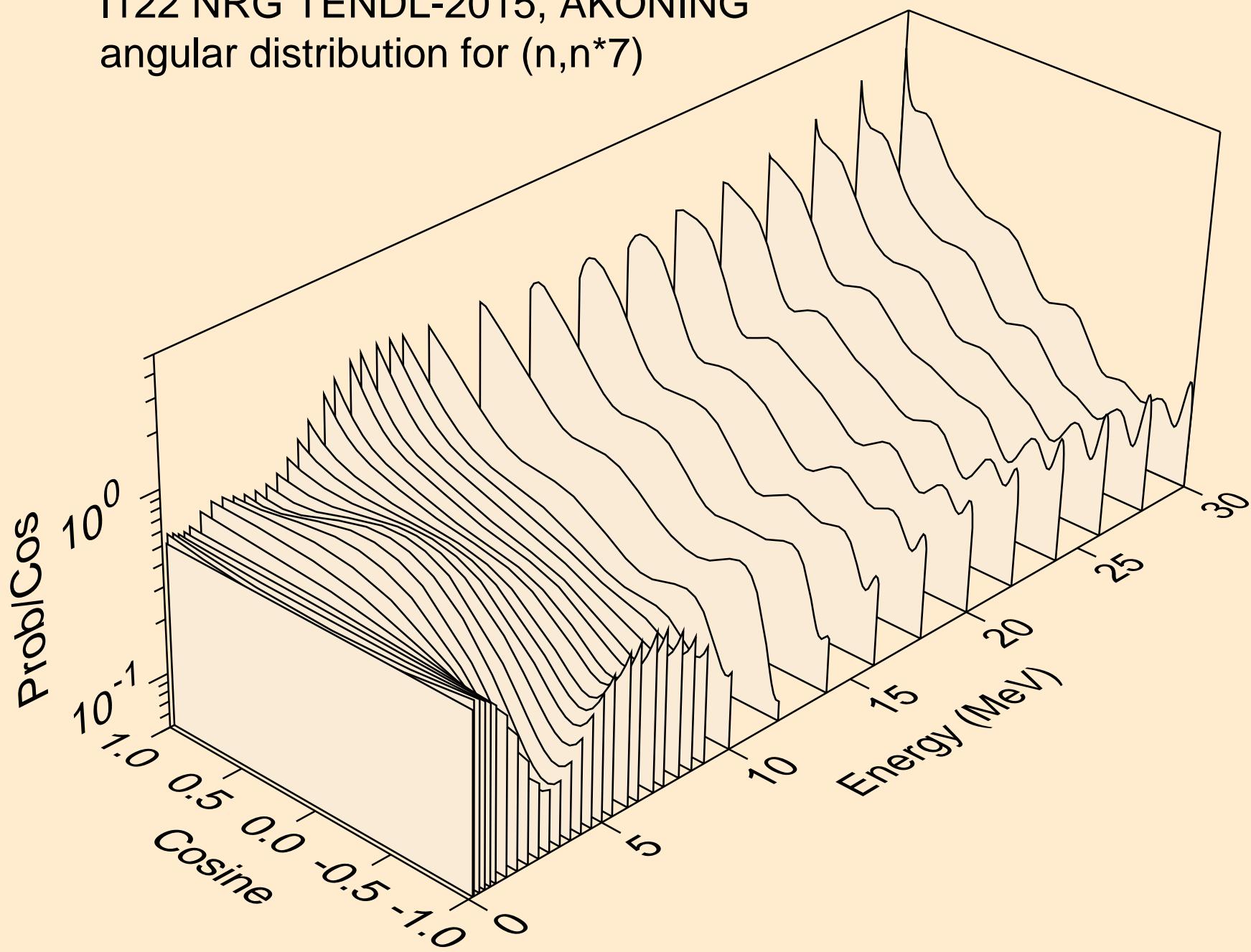
I122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



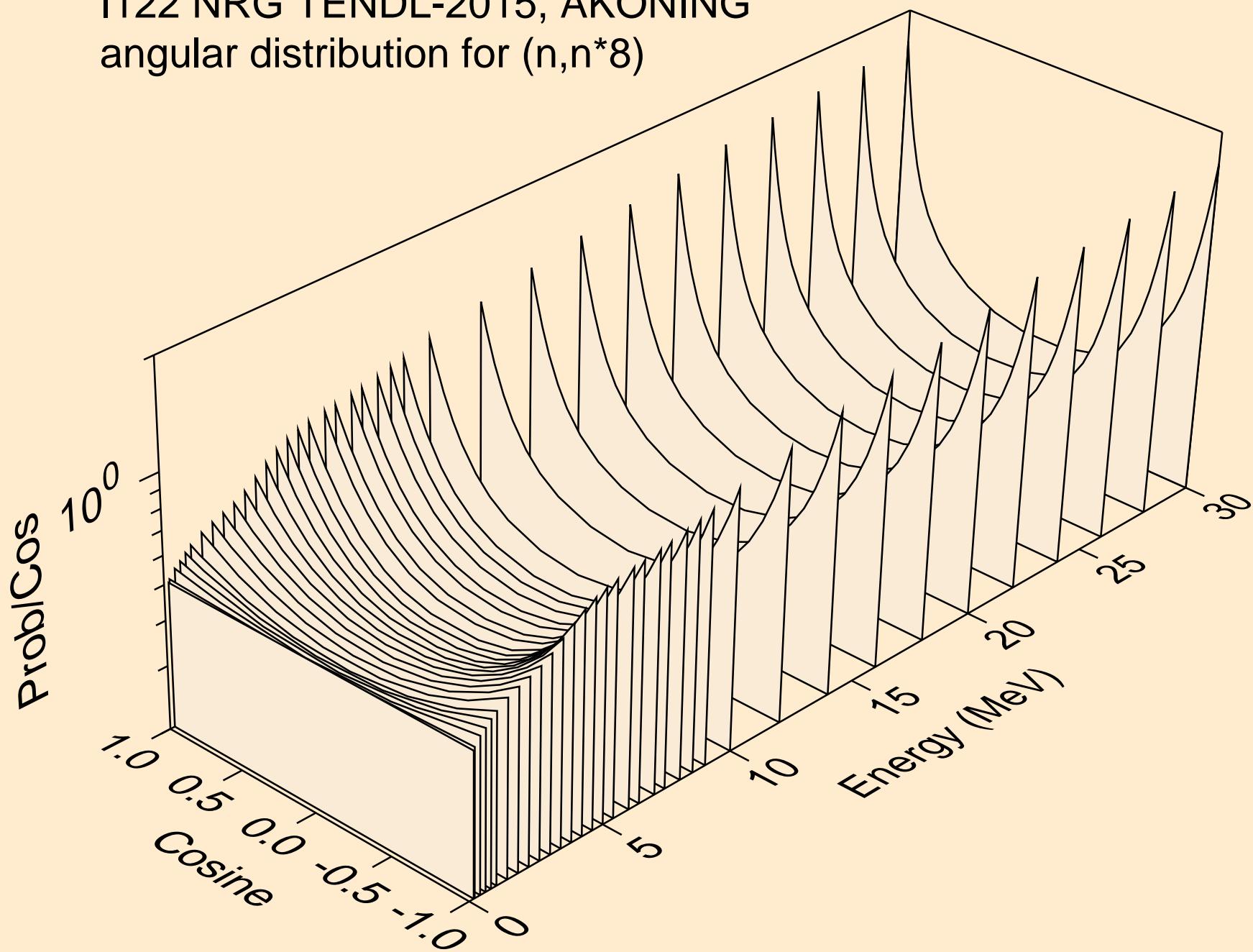
I122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



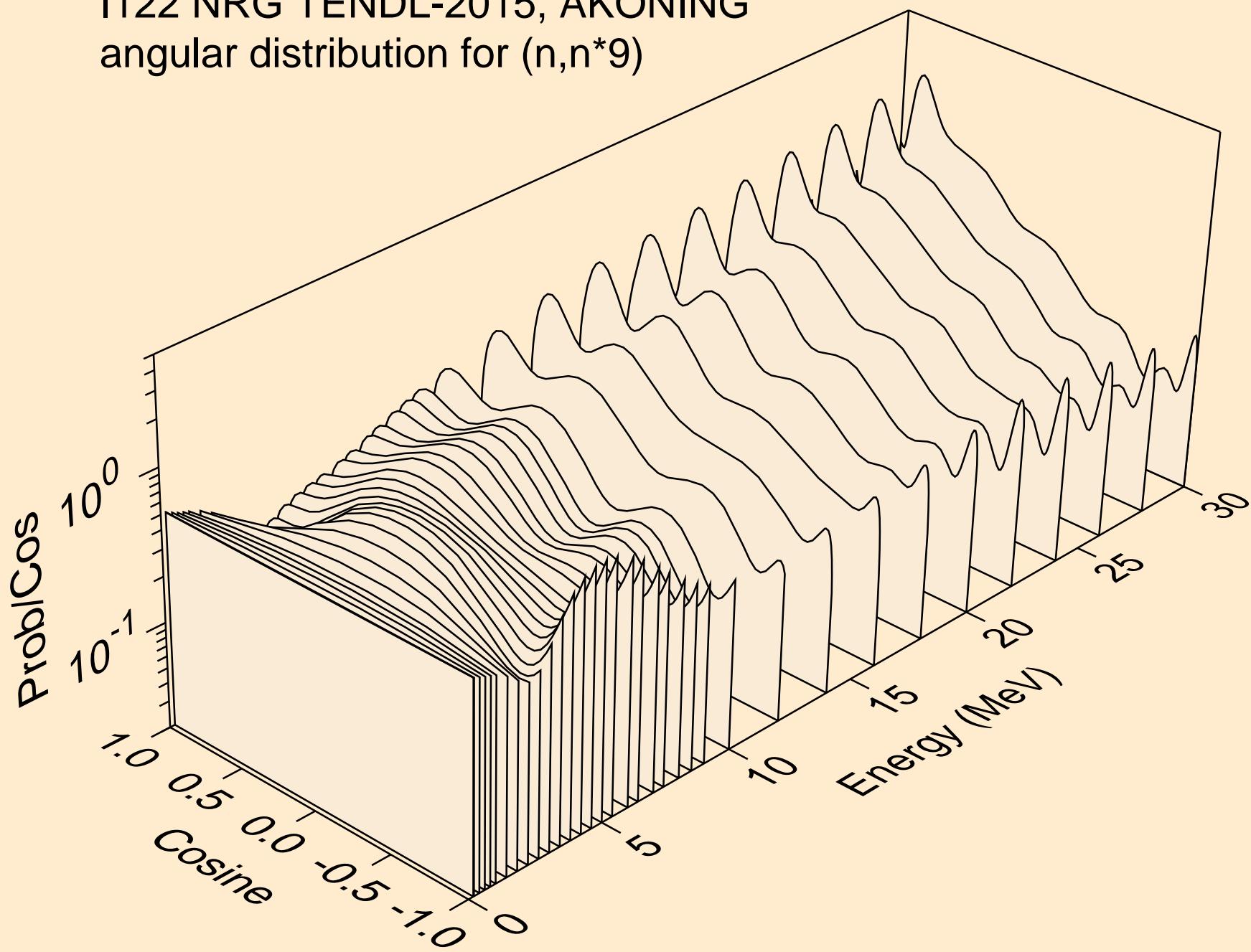
I122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



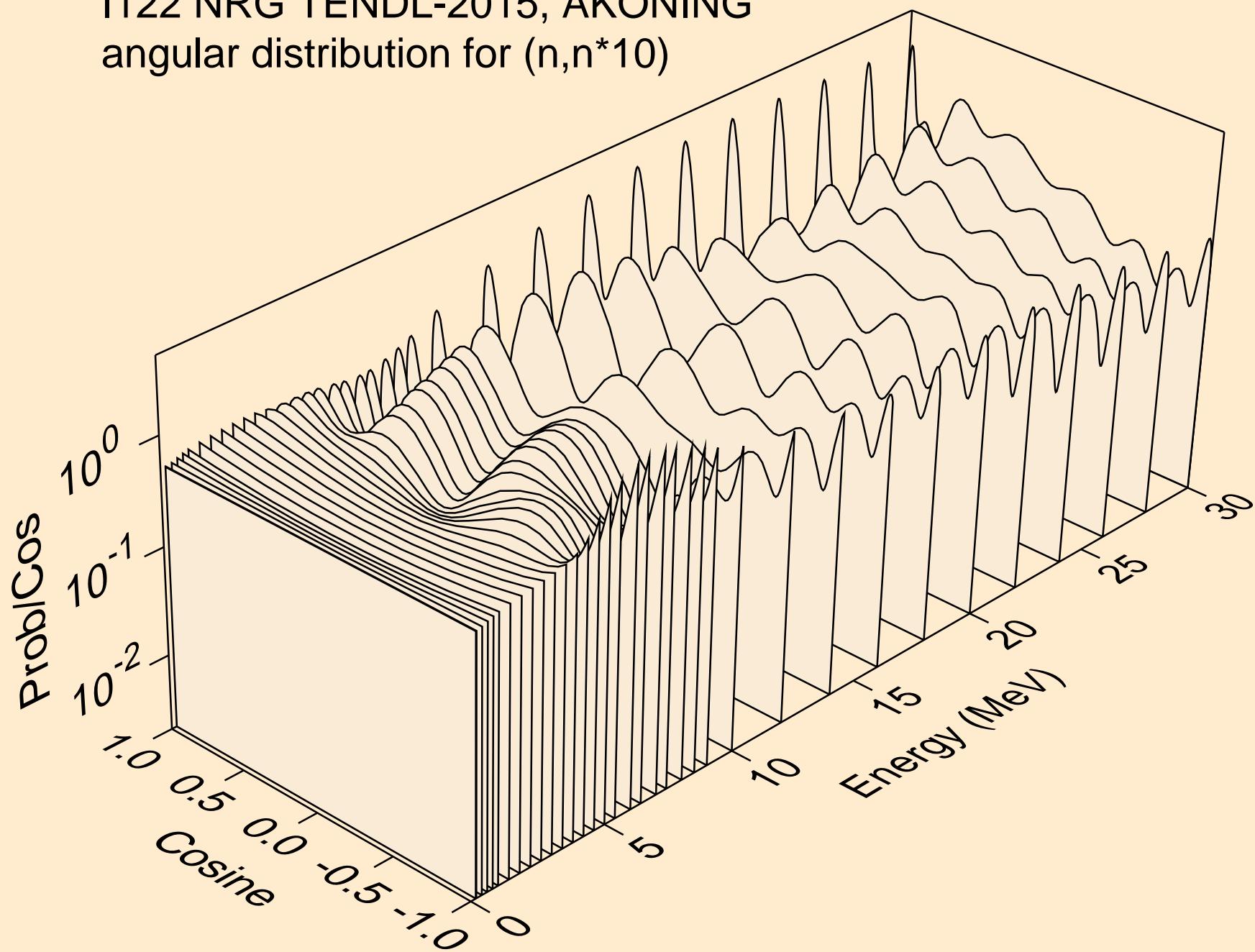
I122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



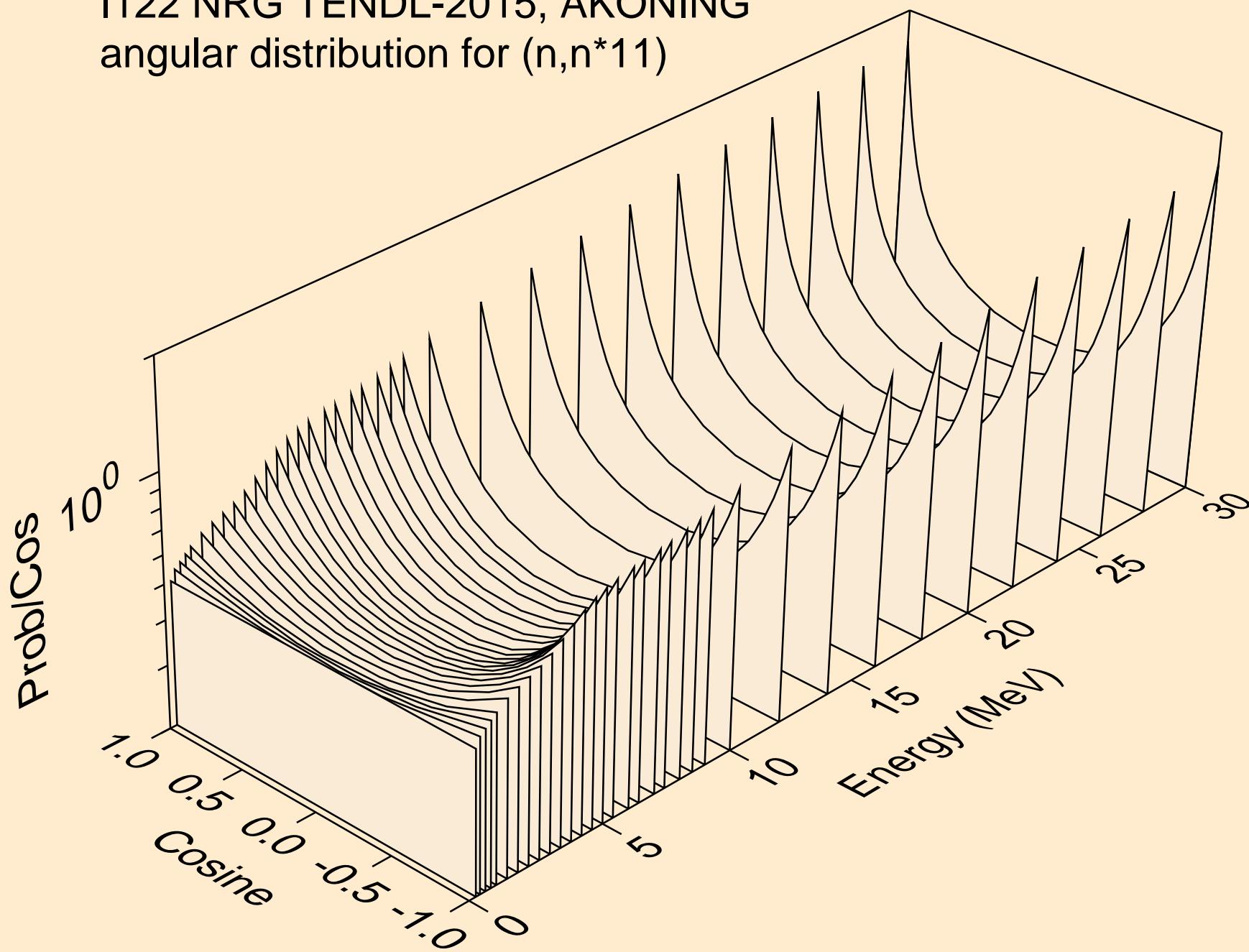
I122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)9$



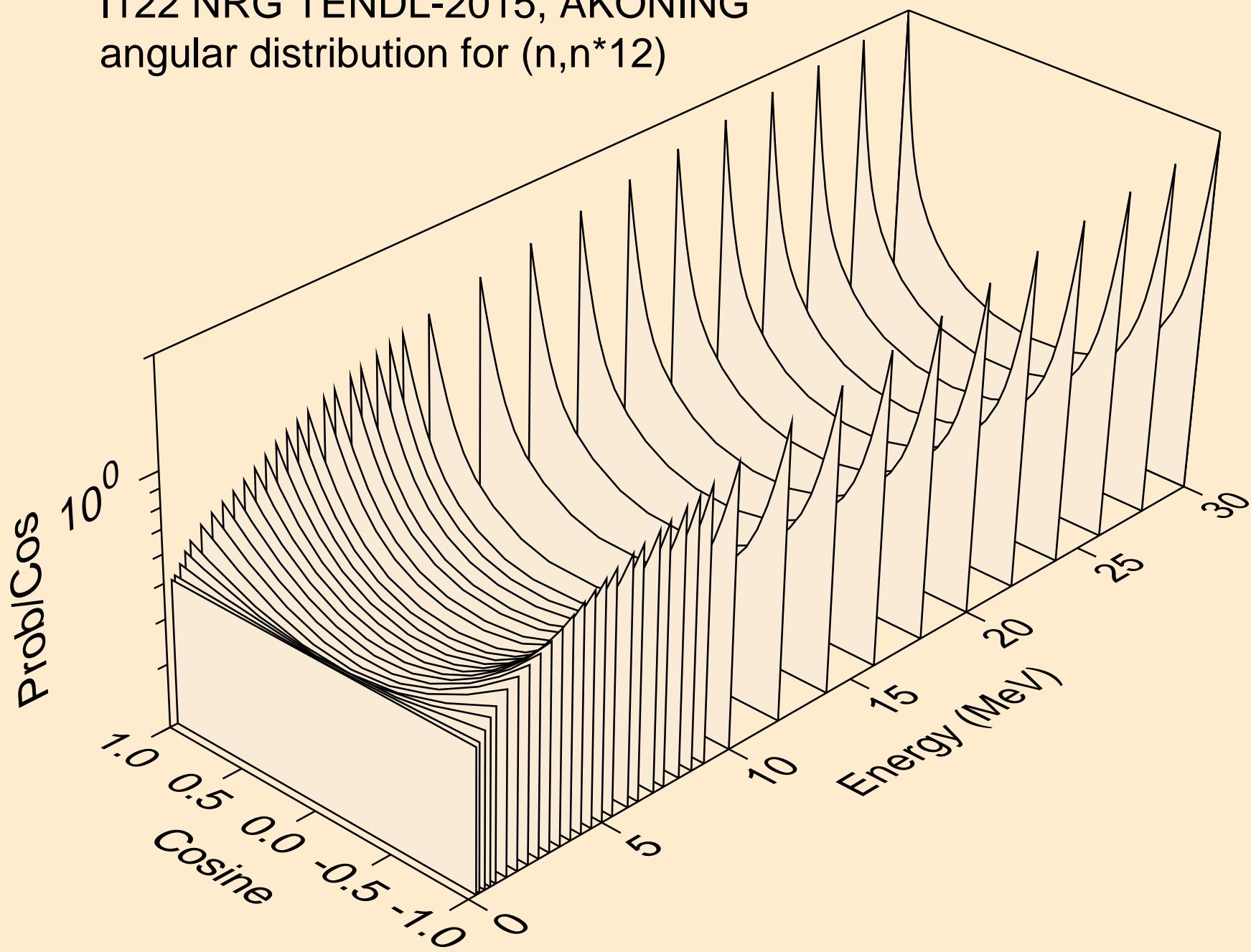
I122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



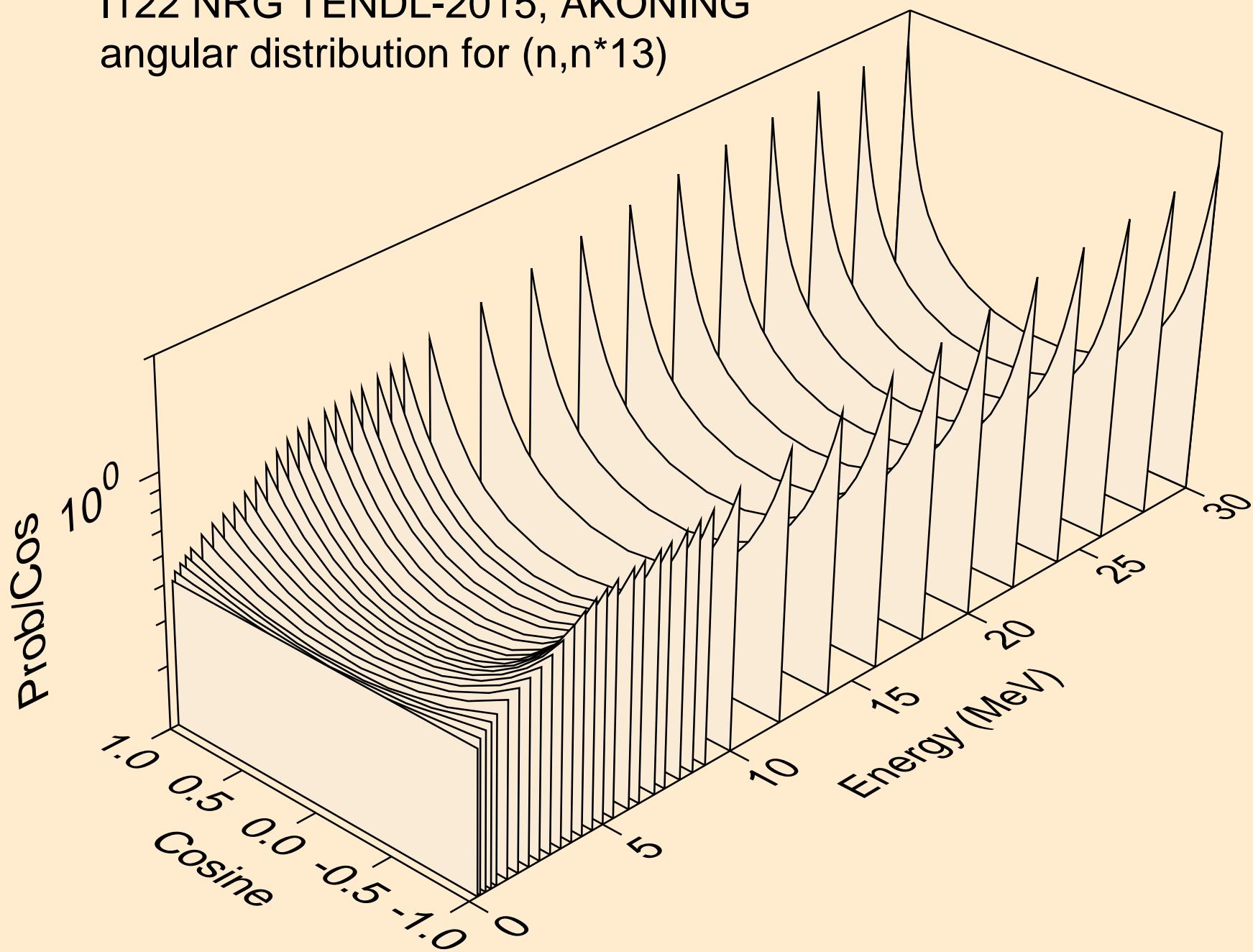
I122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



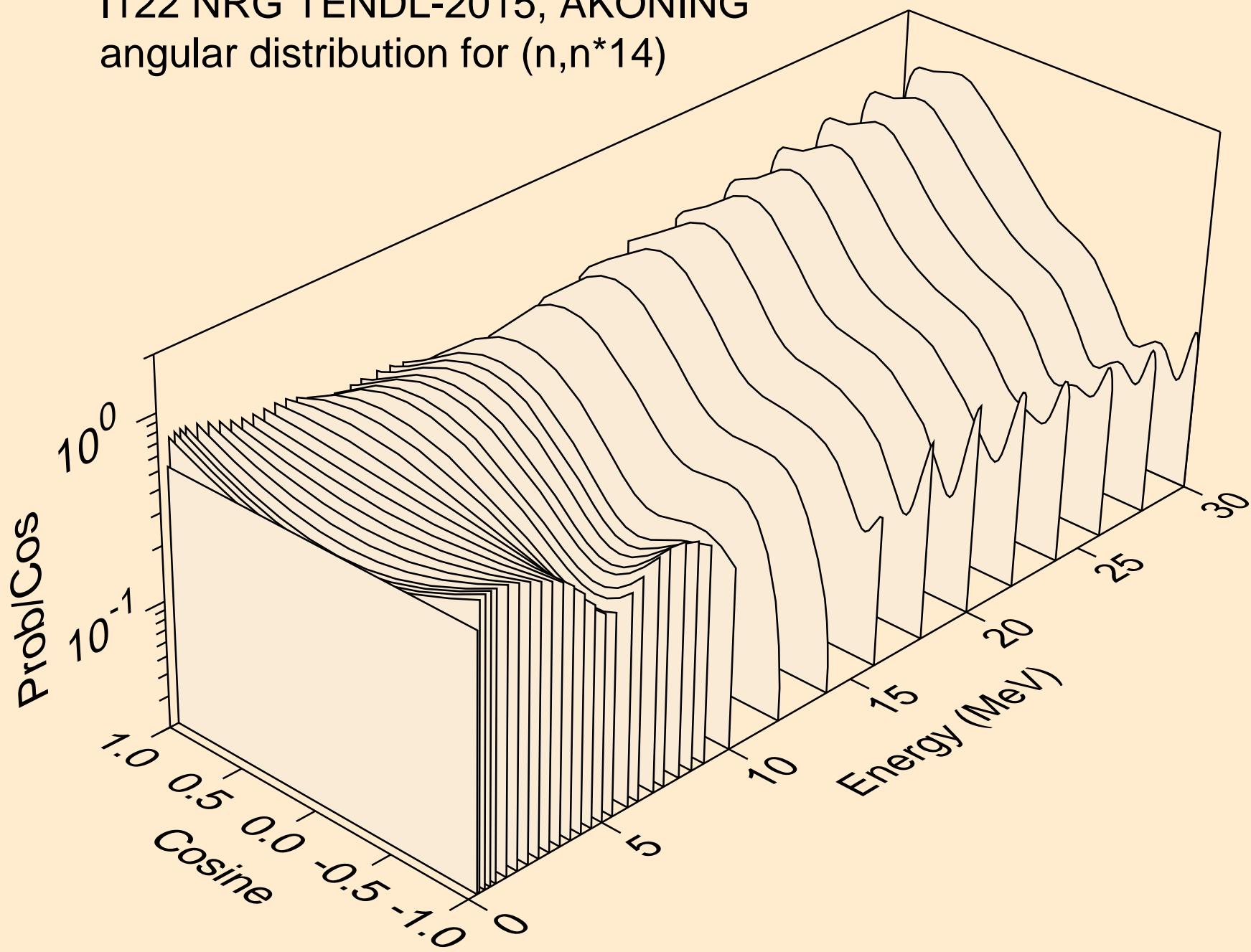
I122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



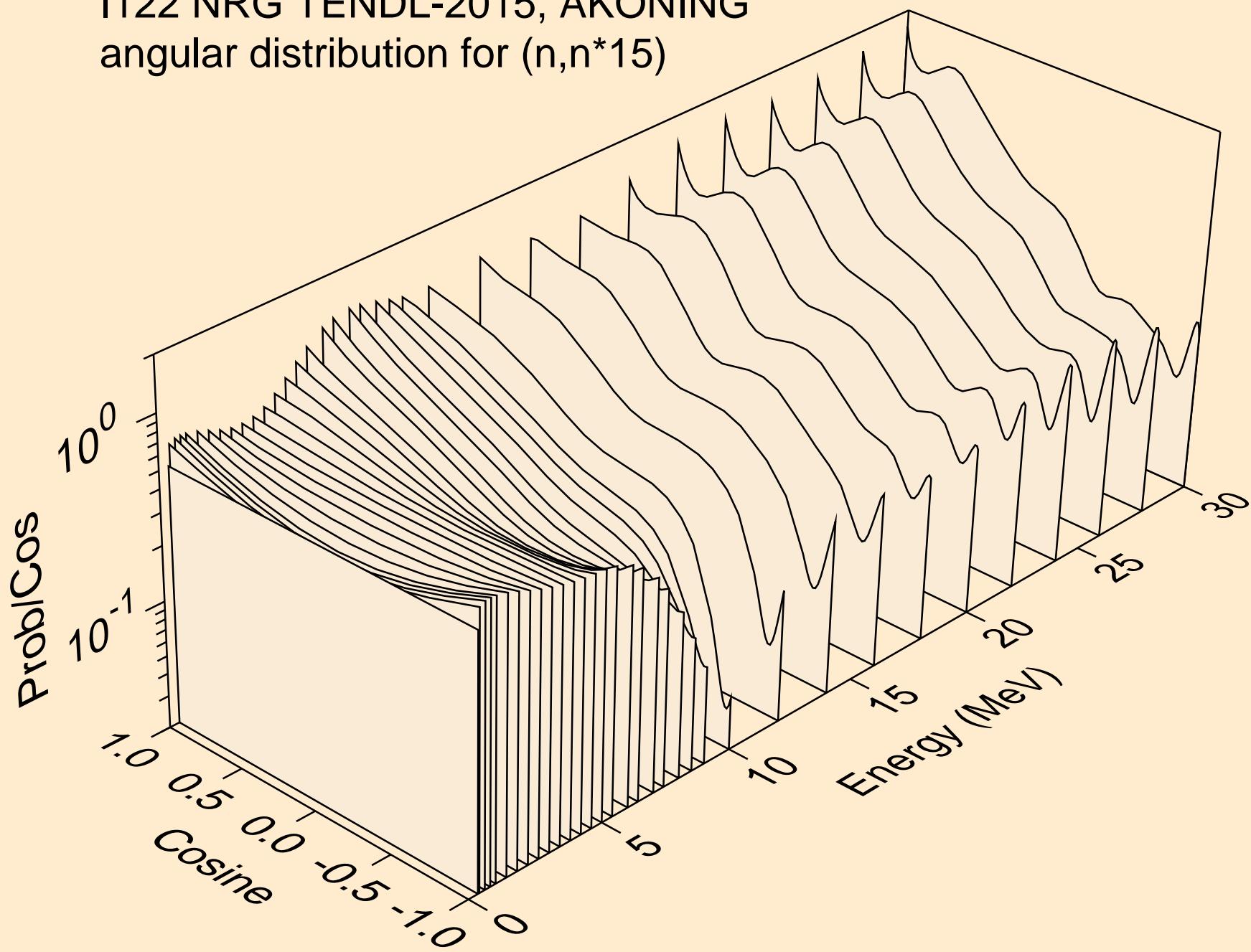
I122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



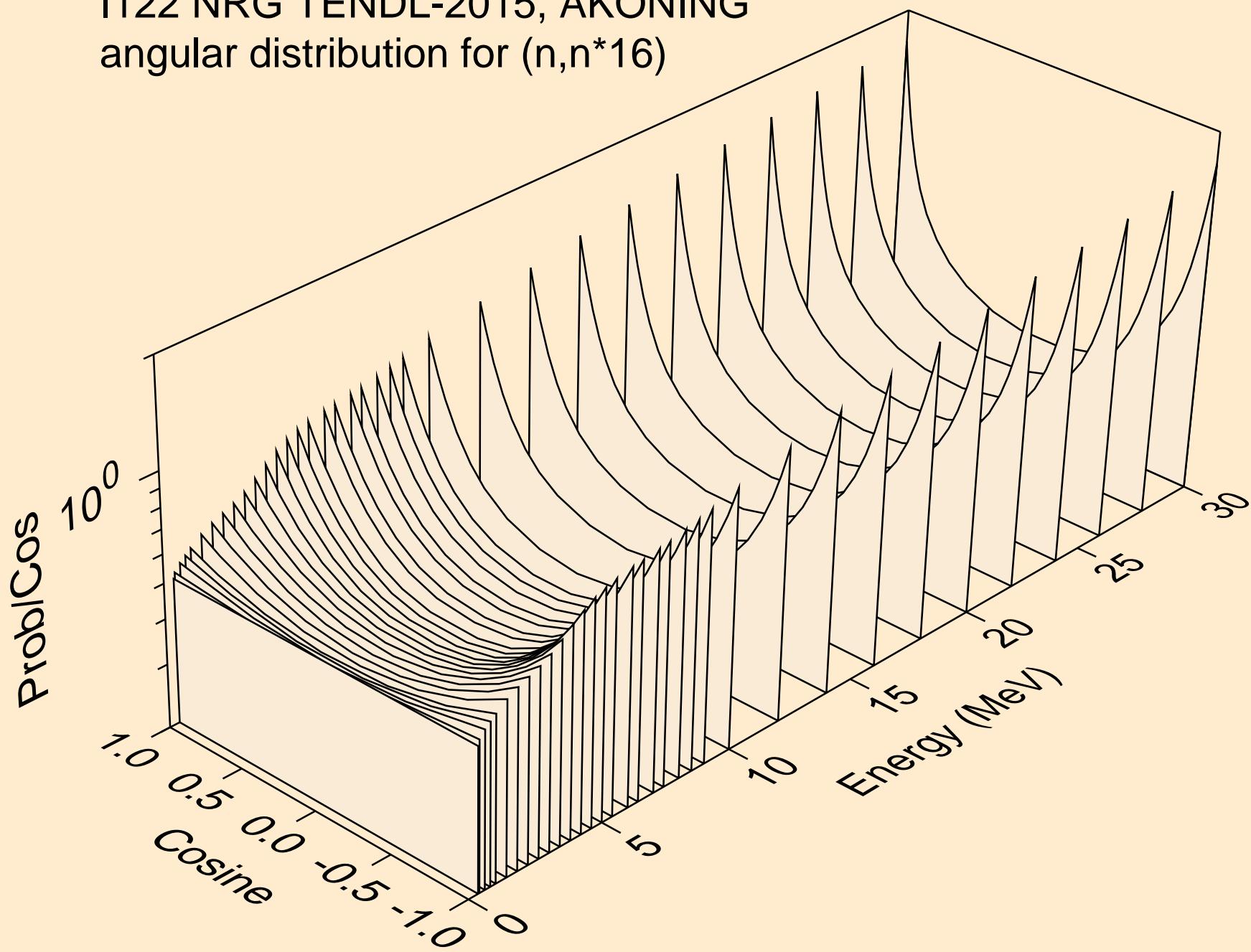
I122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



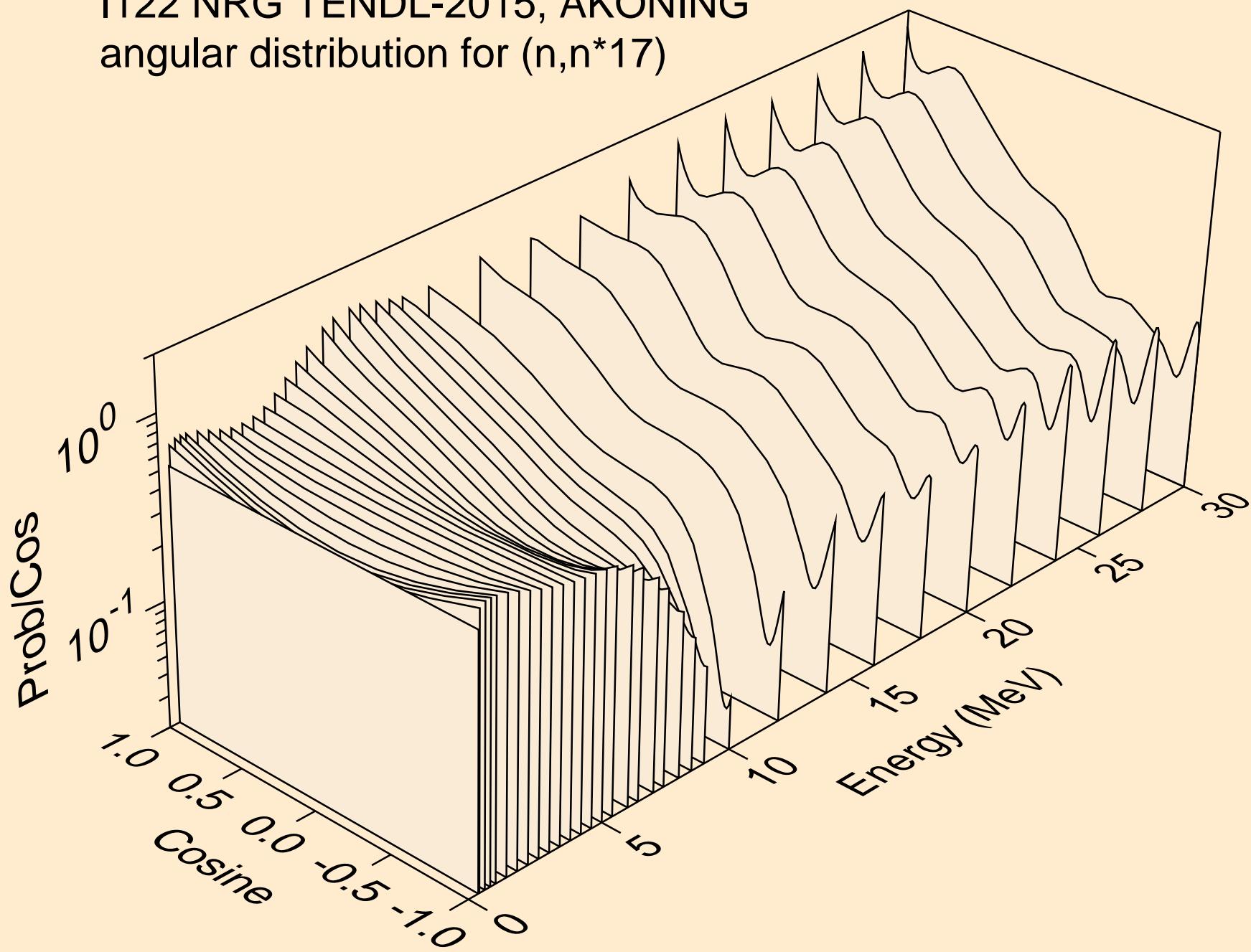
I122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



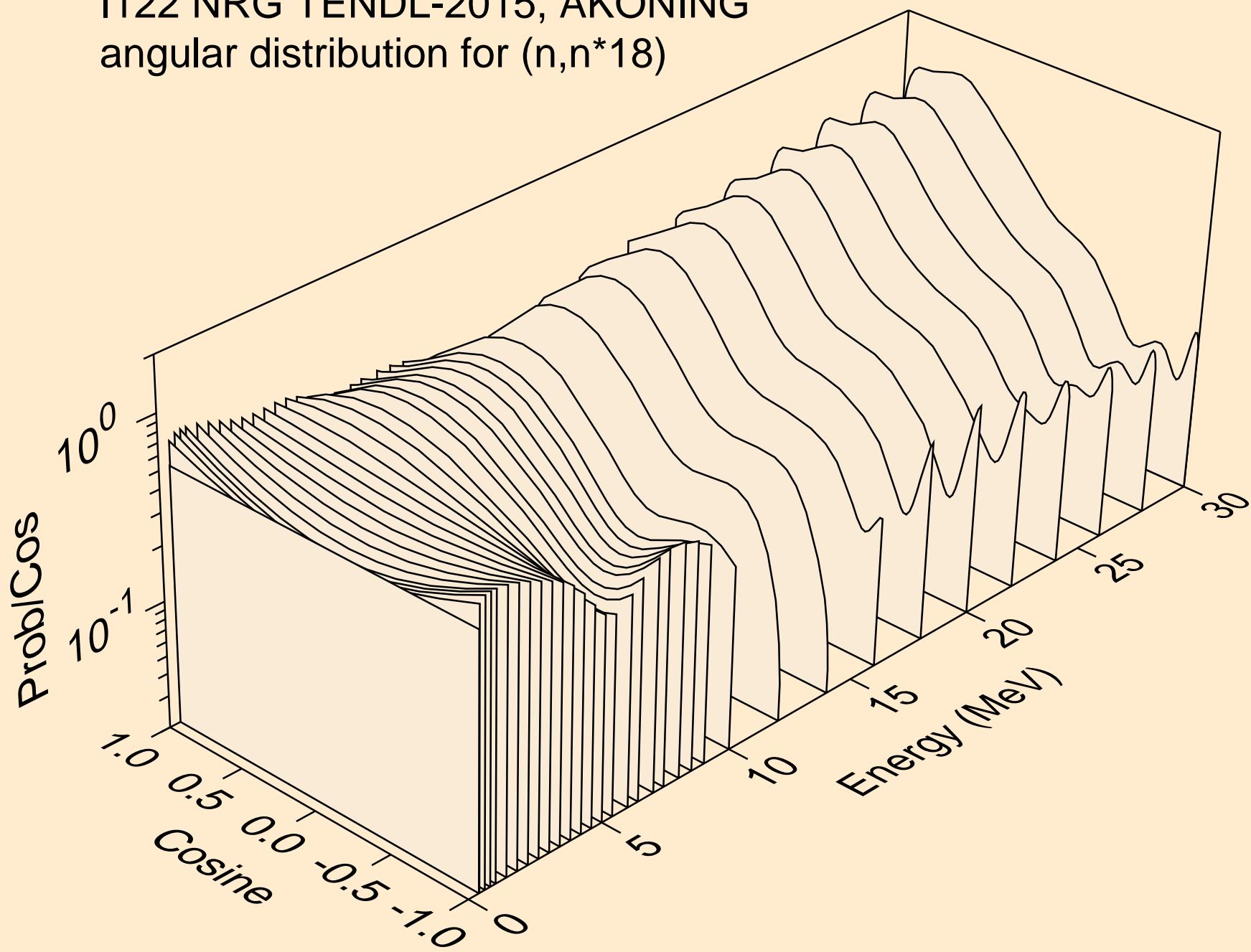
I122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



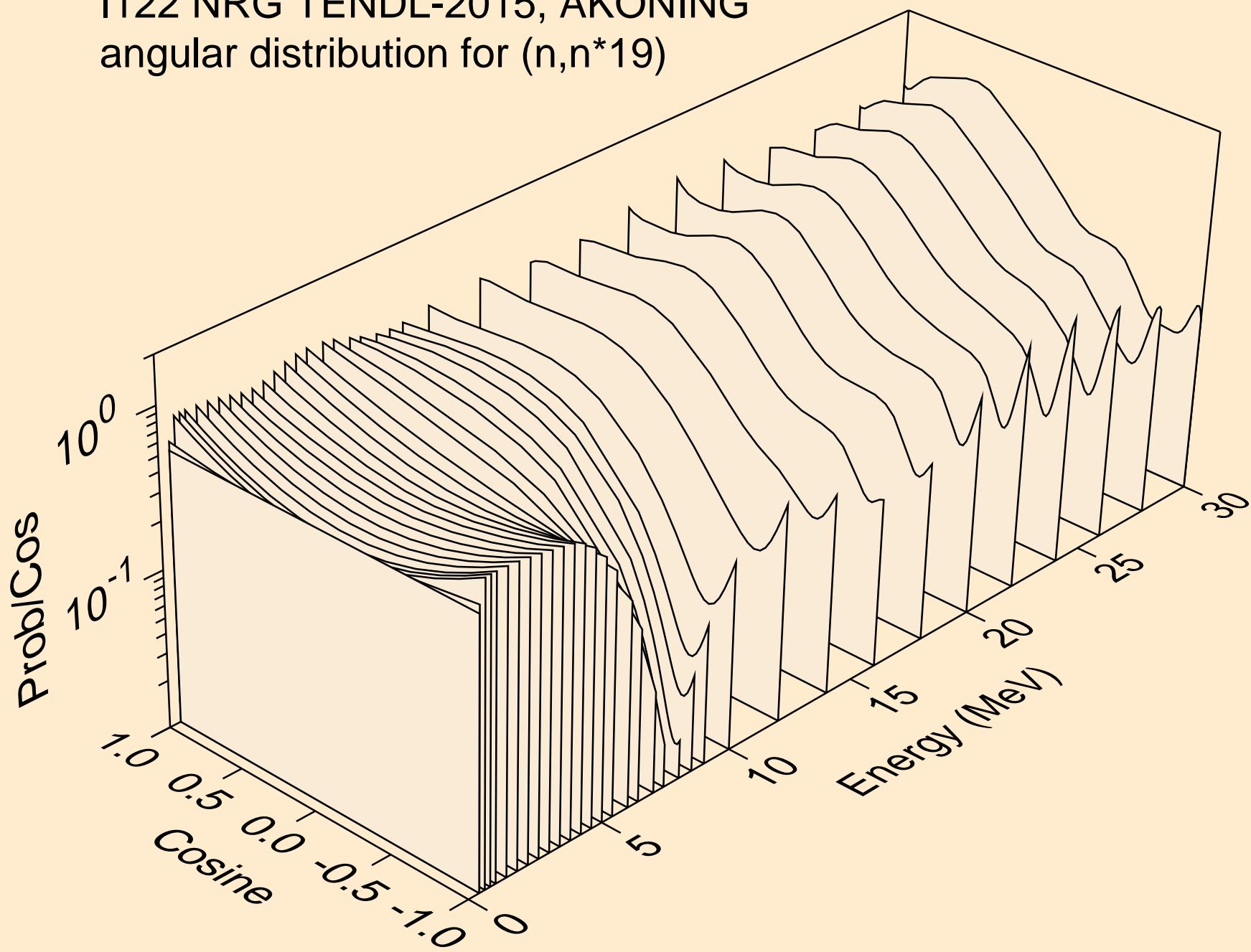
I122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



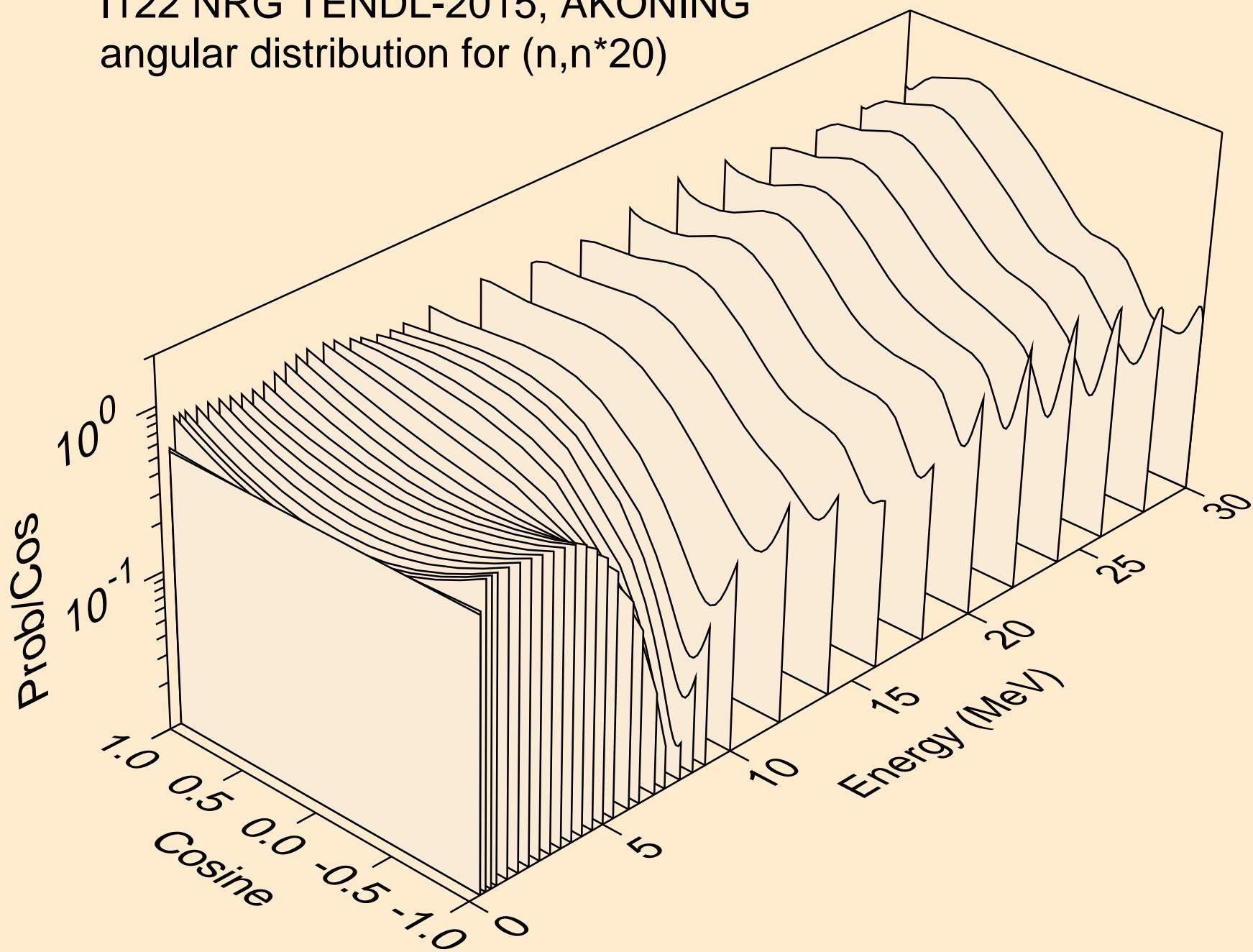
I122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



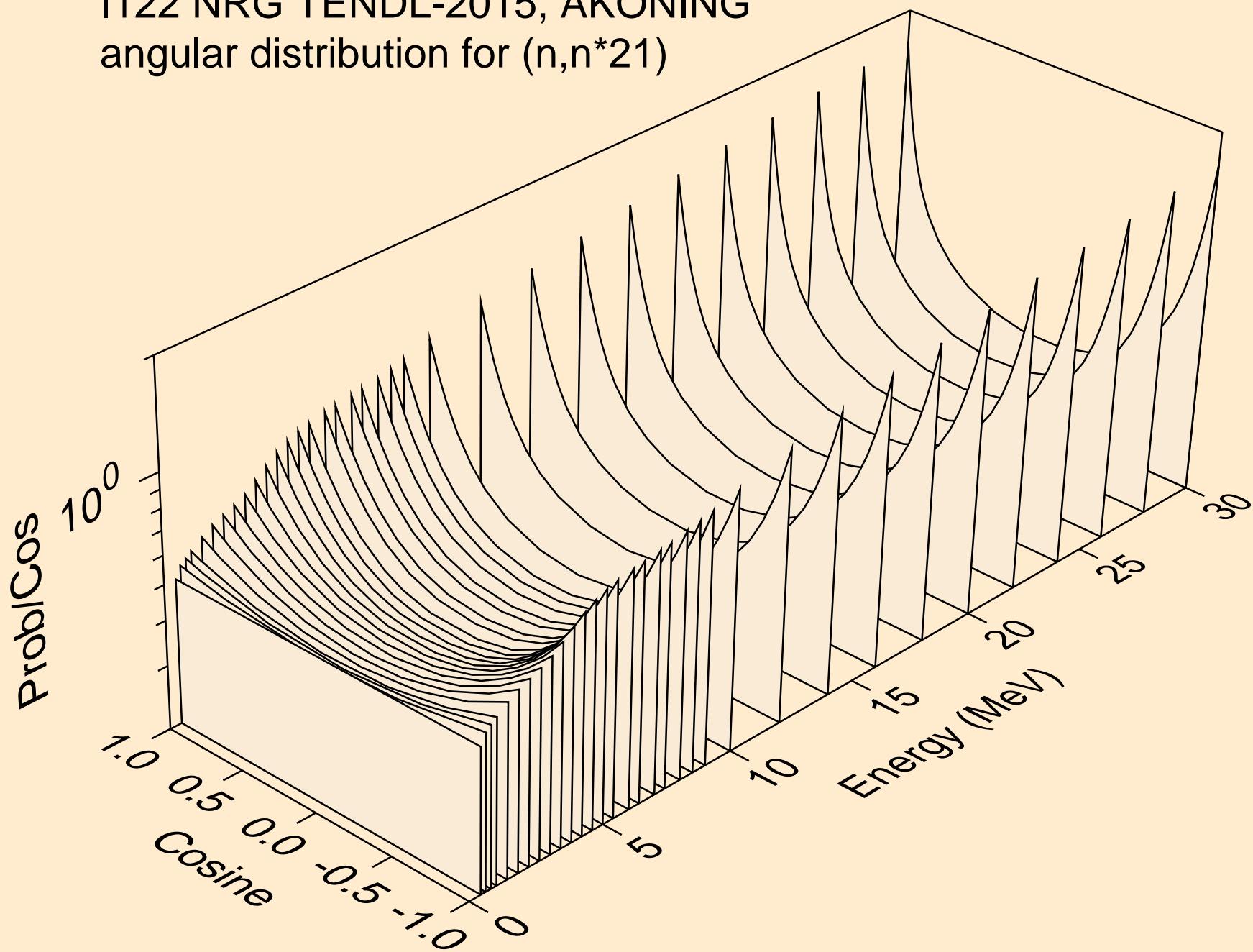
I122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



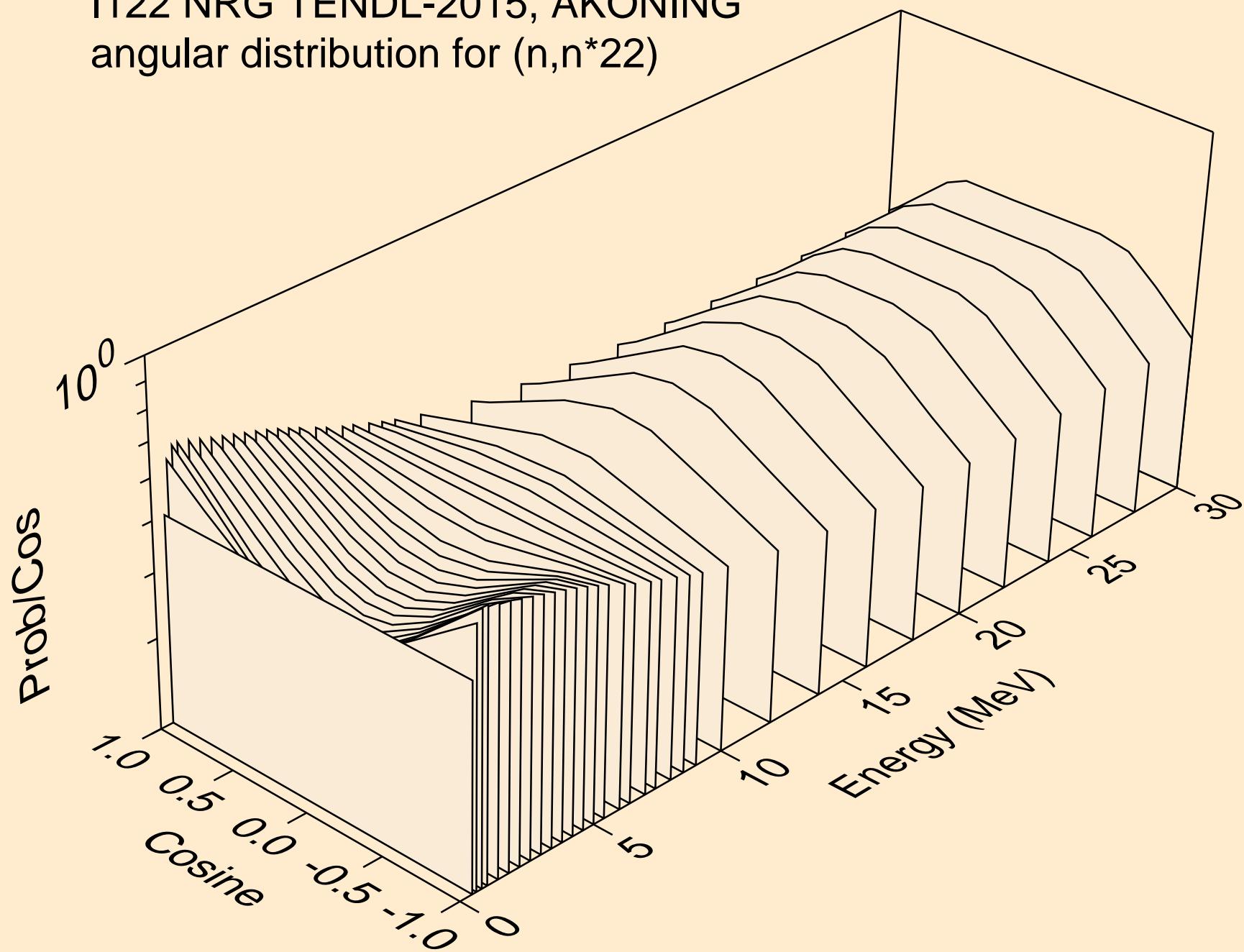
I122 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )20



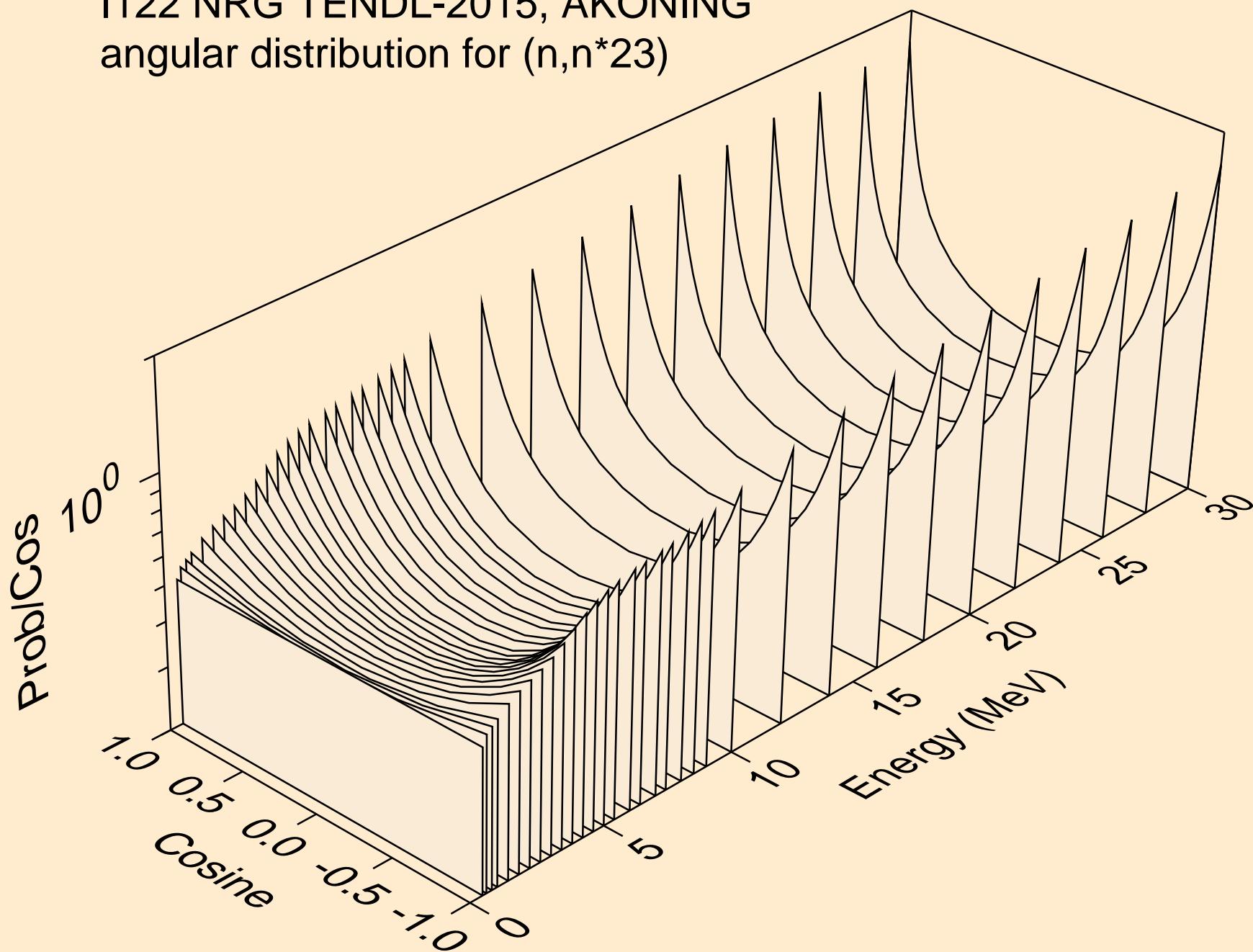
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angular distribution for ( $n,n^*21$ )



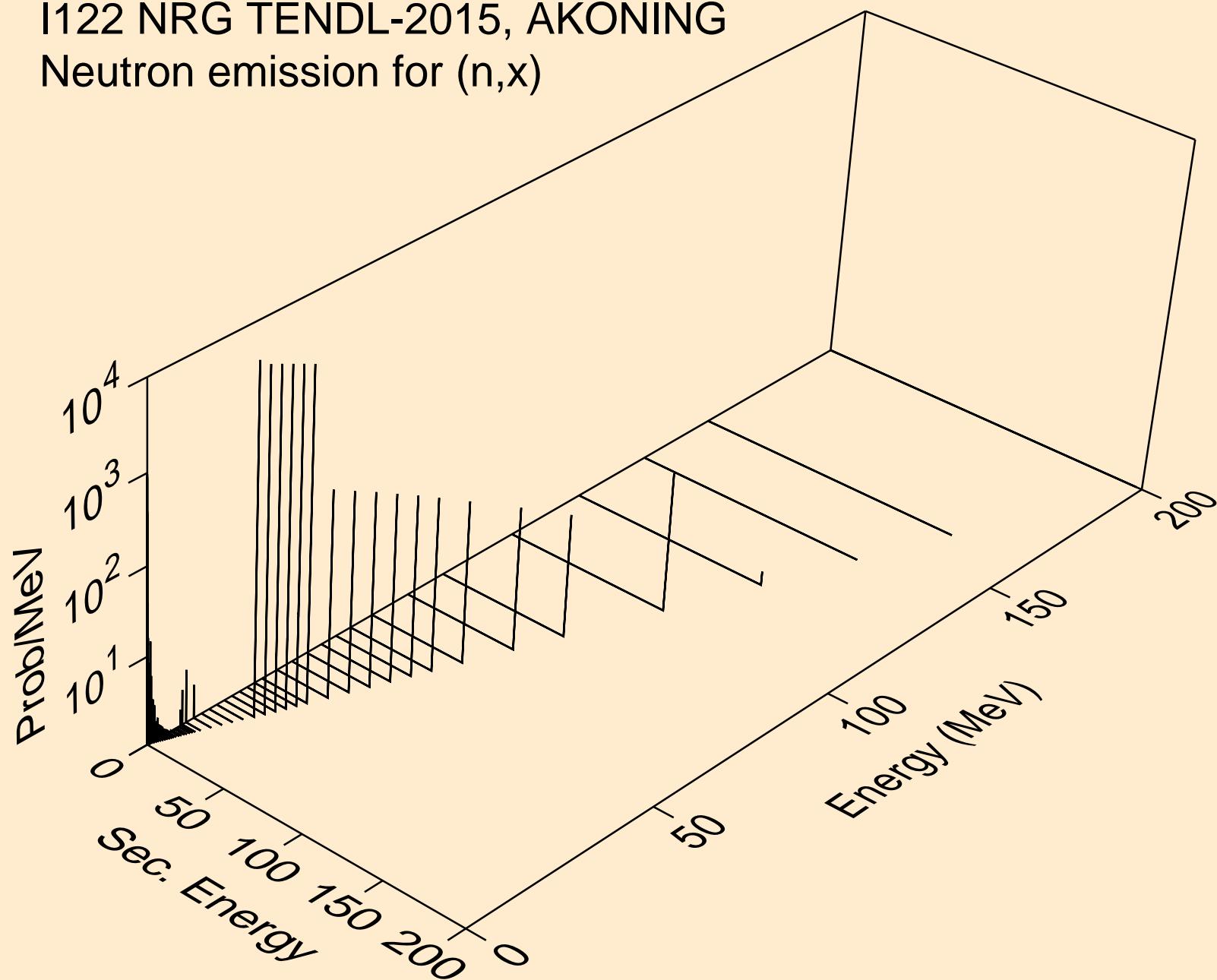
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angular distribution for ( $n,n^*22$ )



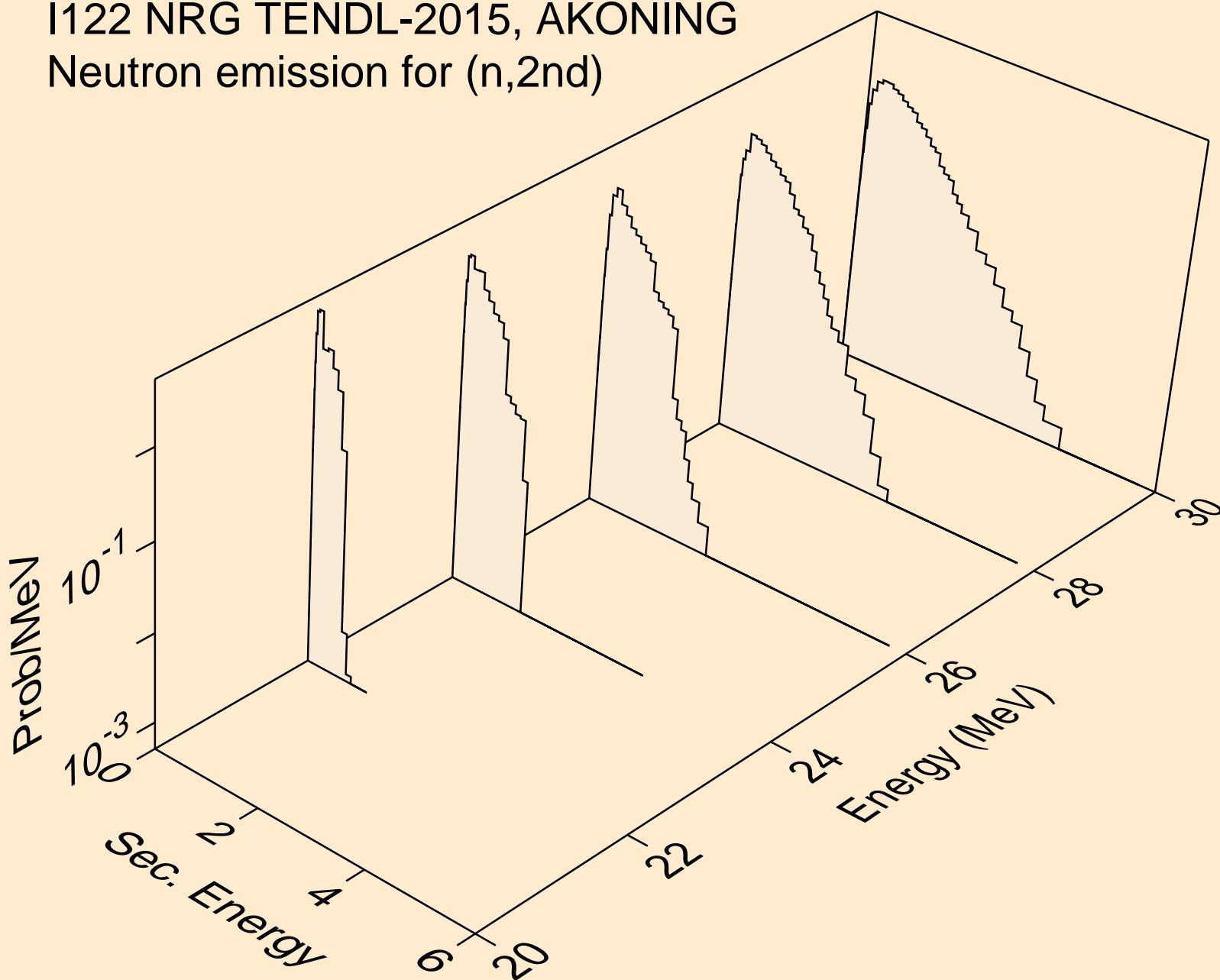
I122 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*23$ )



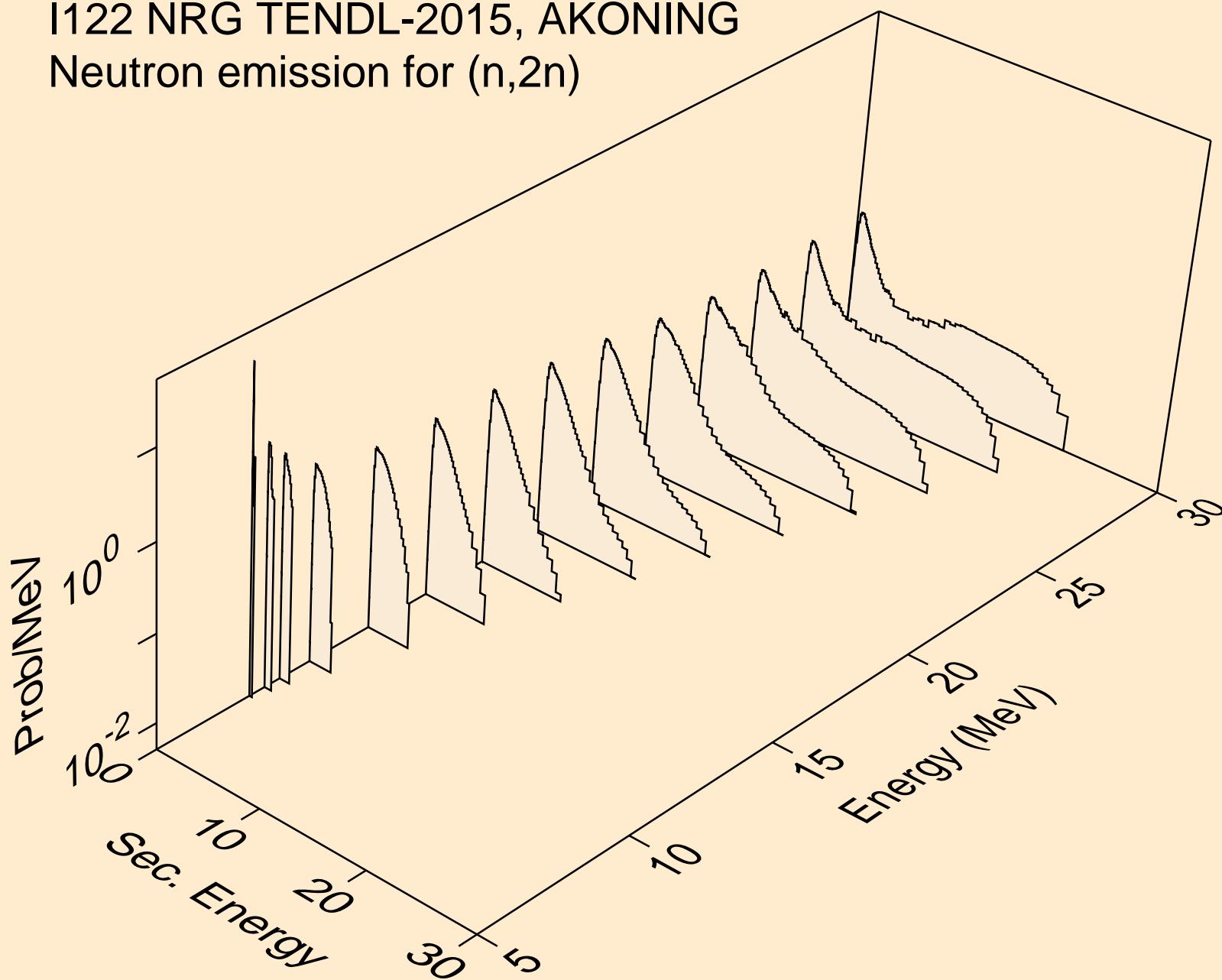
I122 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



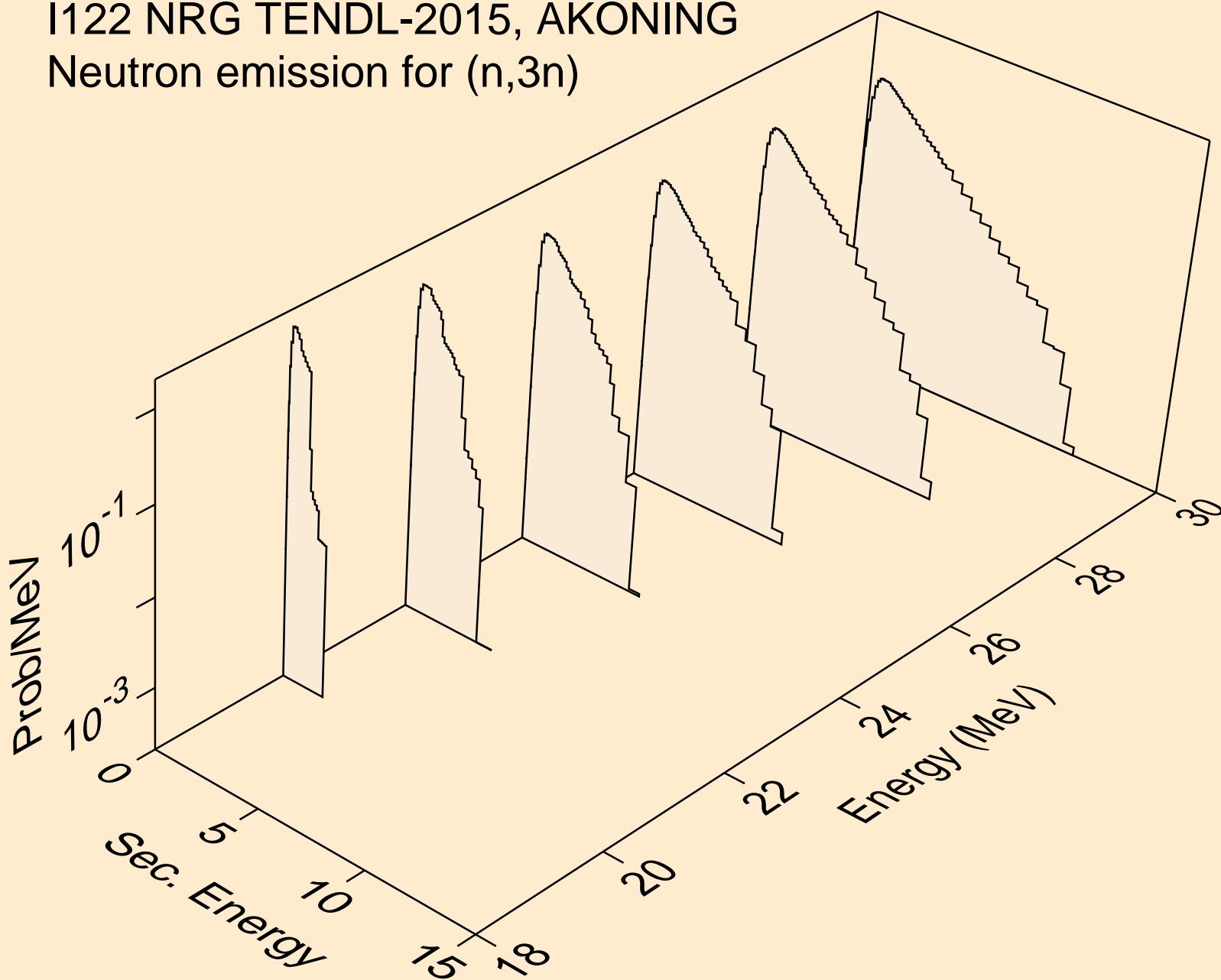
I122 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



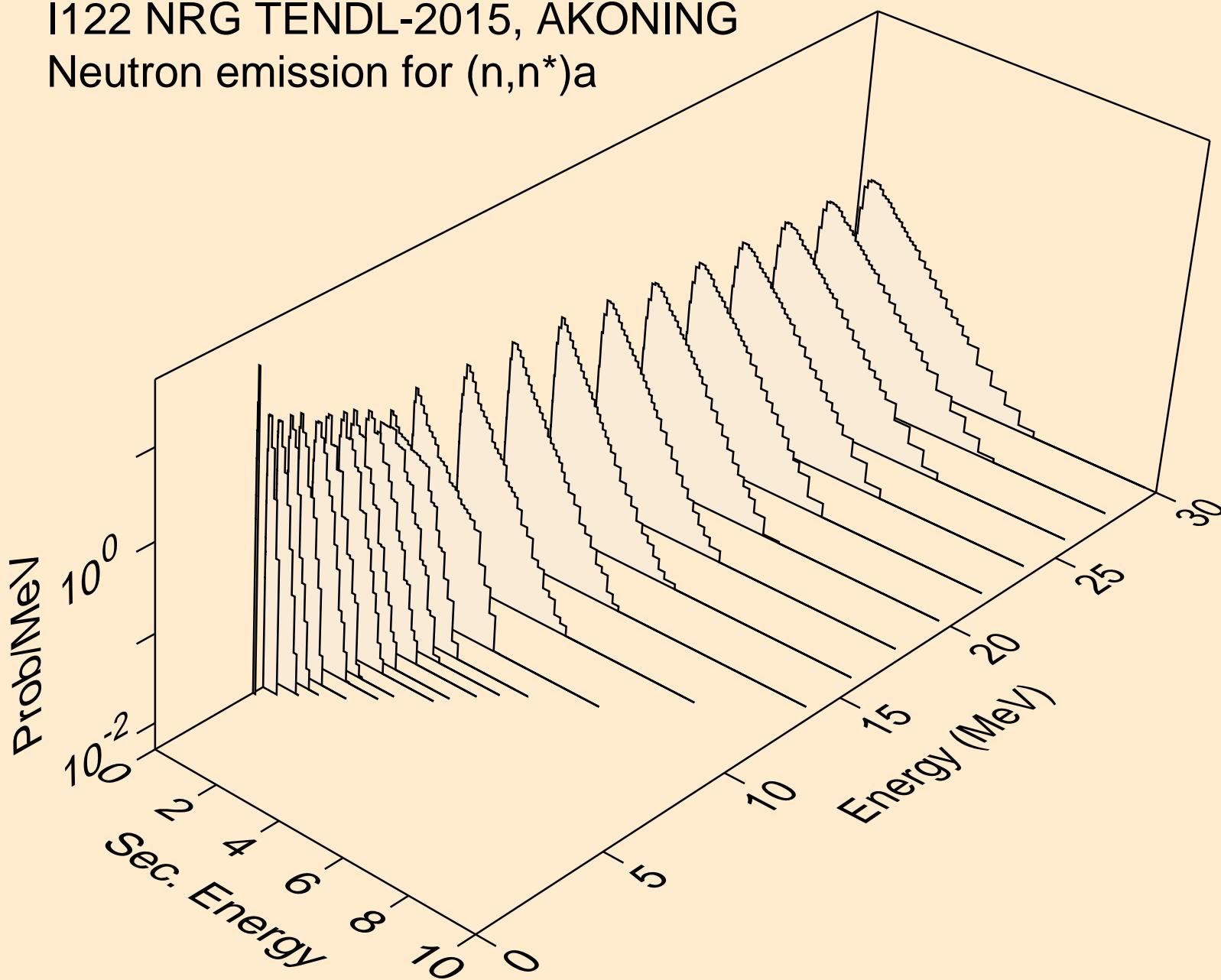
I122 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



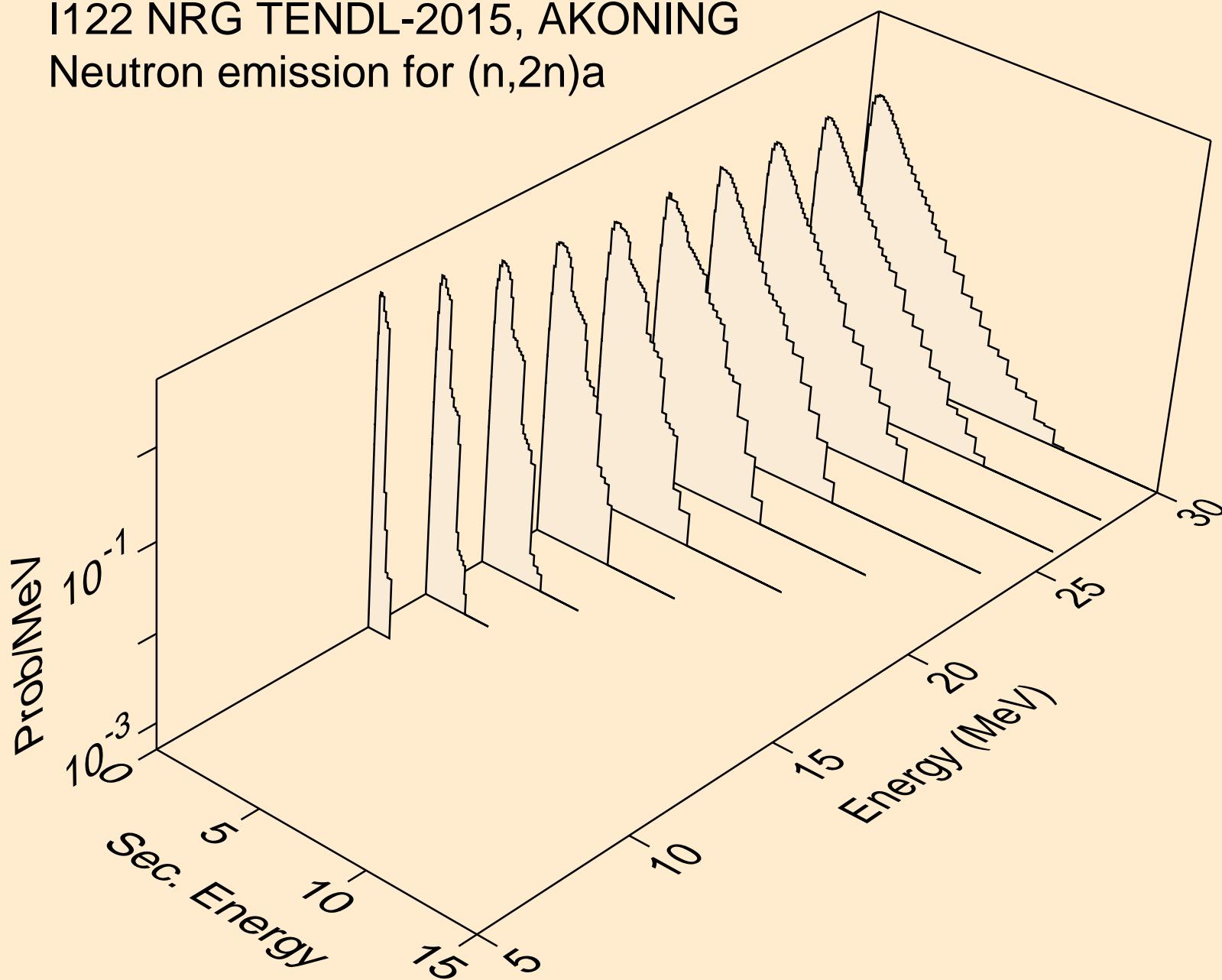
I122 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



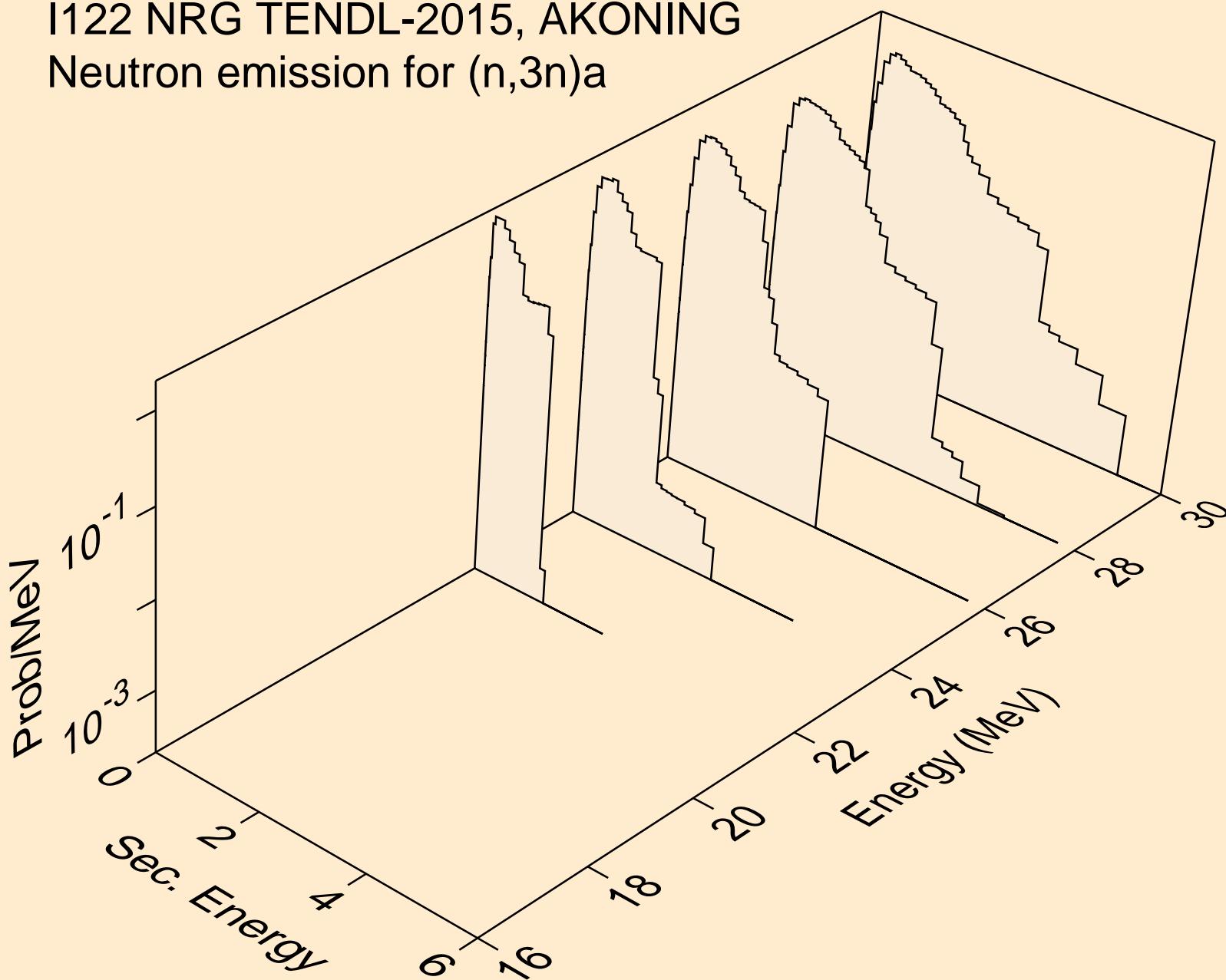
I122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



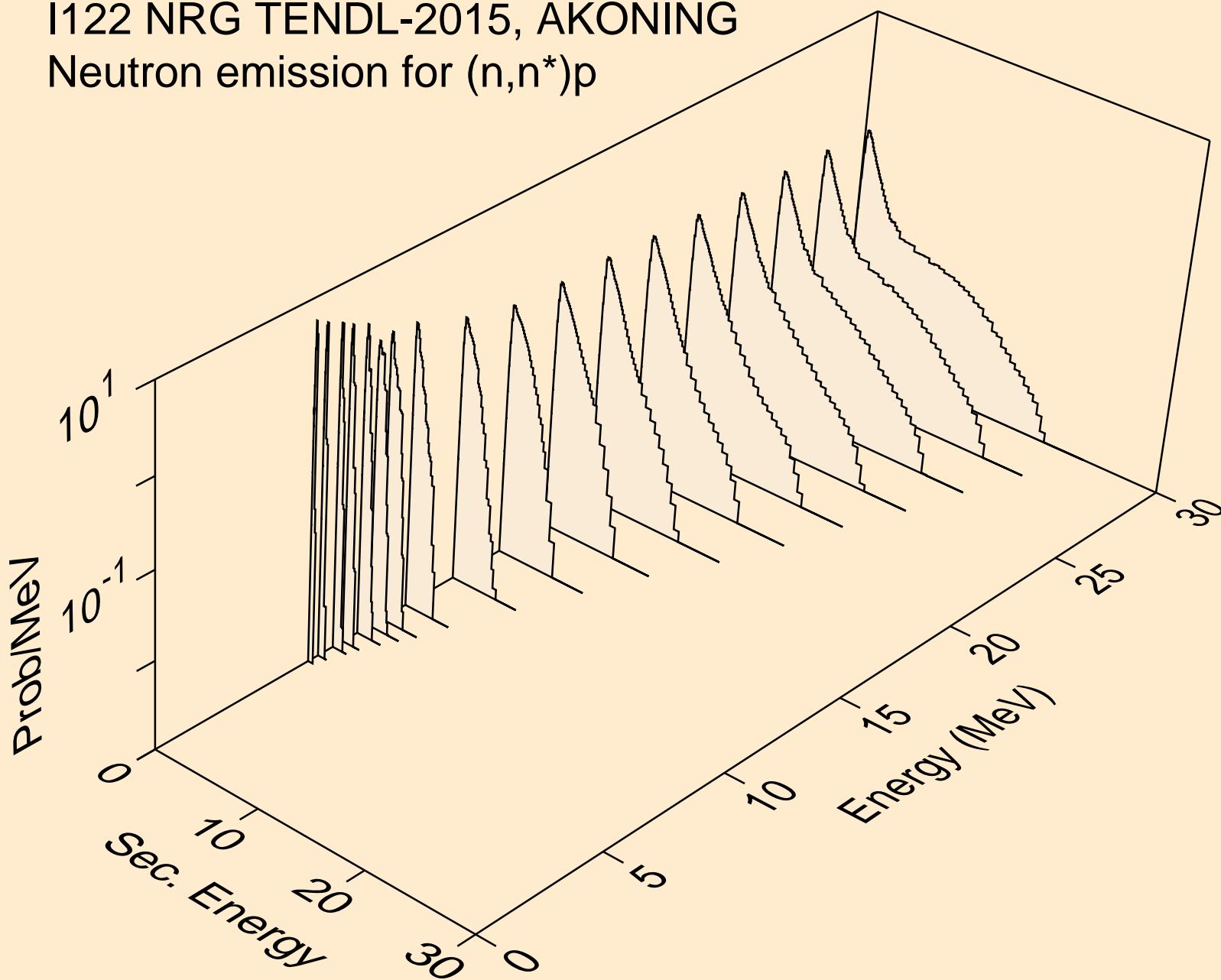
I122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



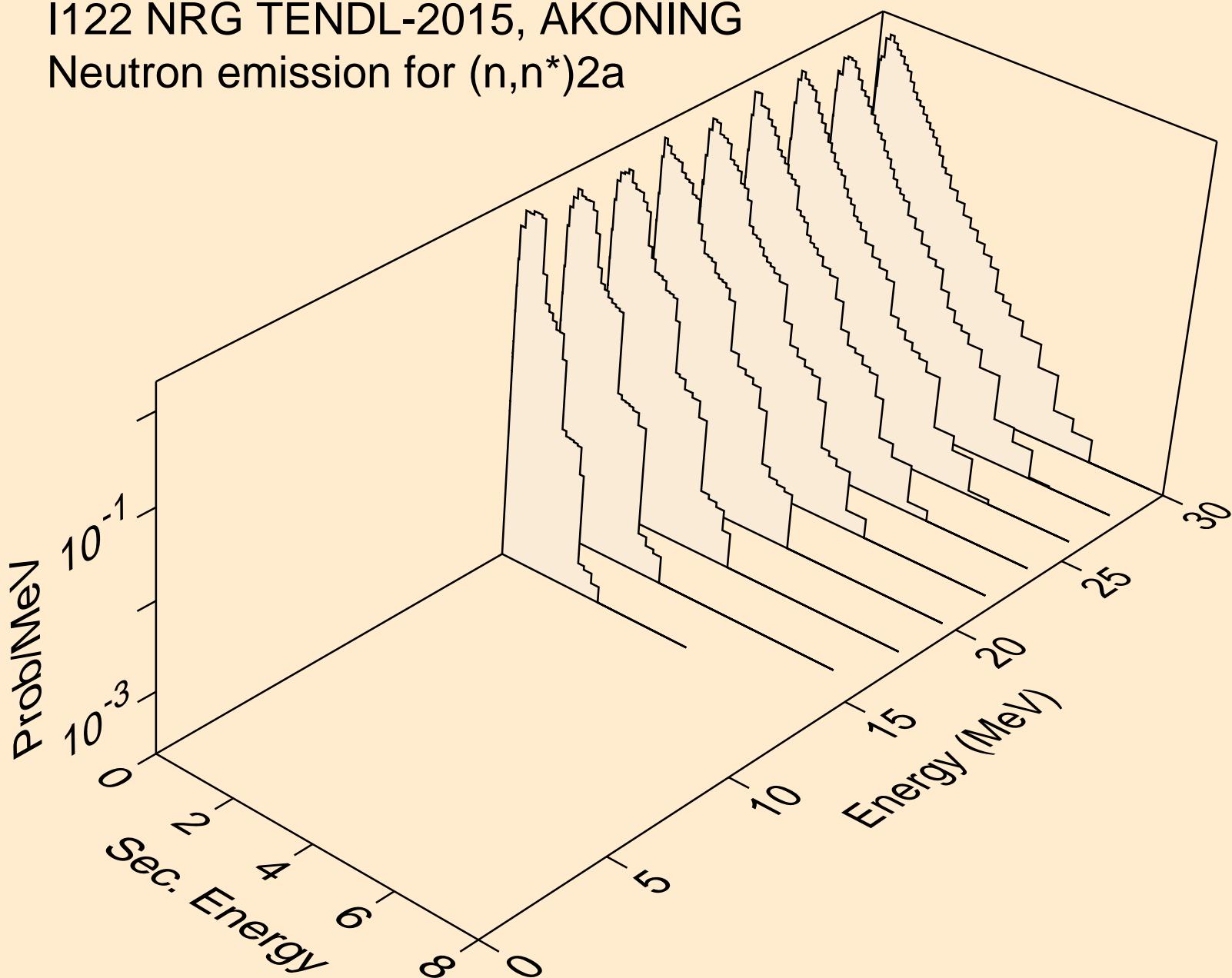
I122 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



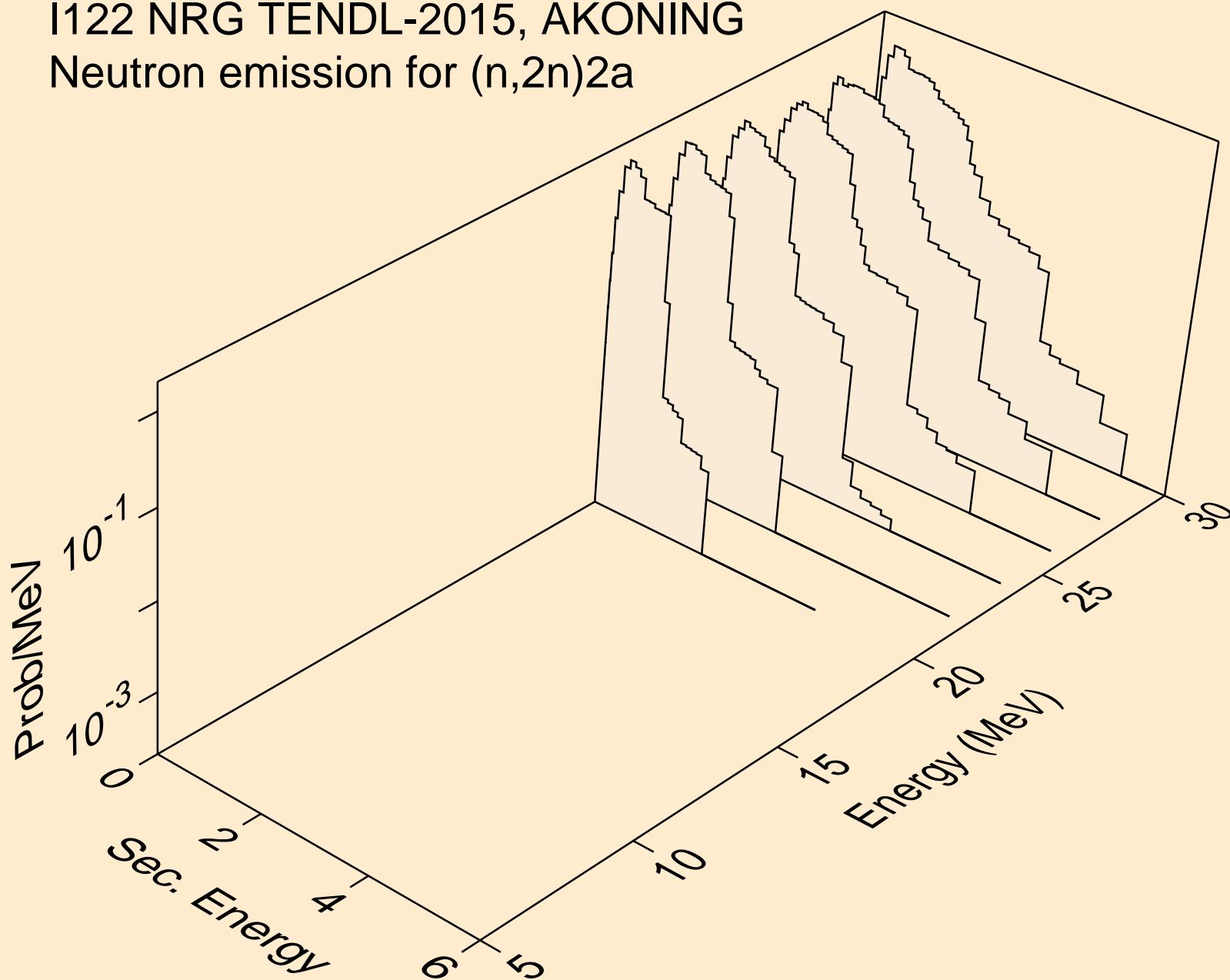
I122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



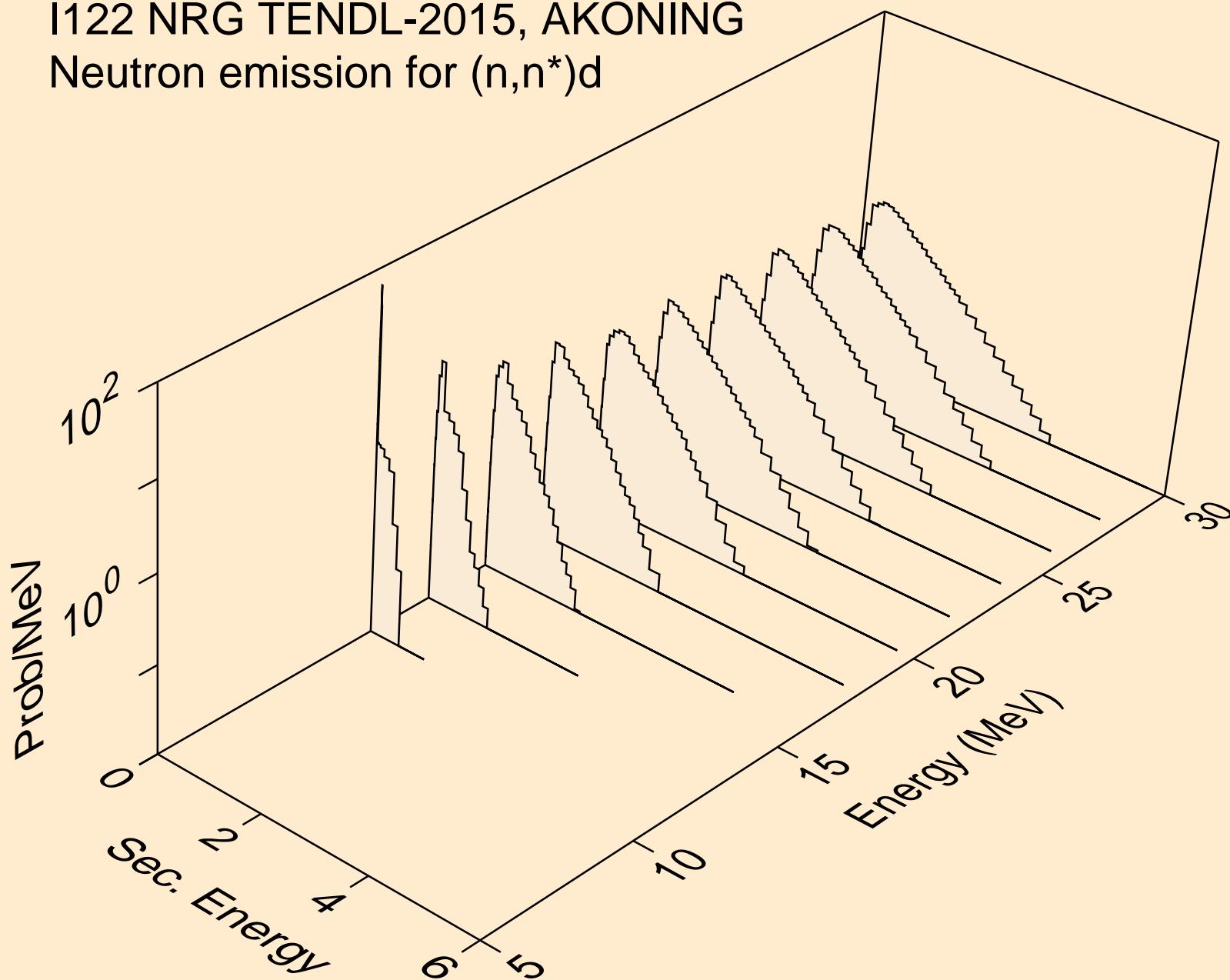
I122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



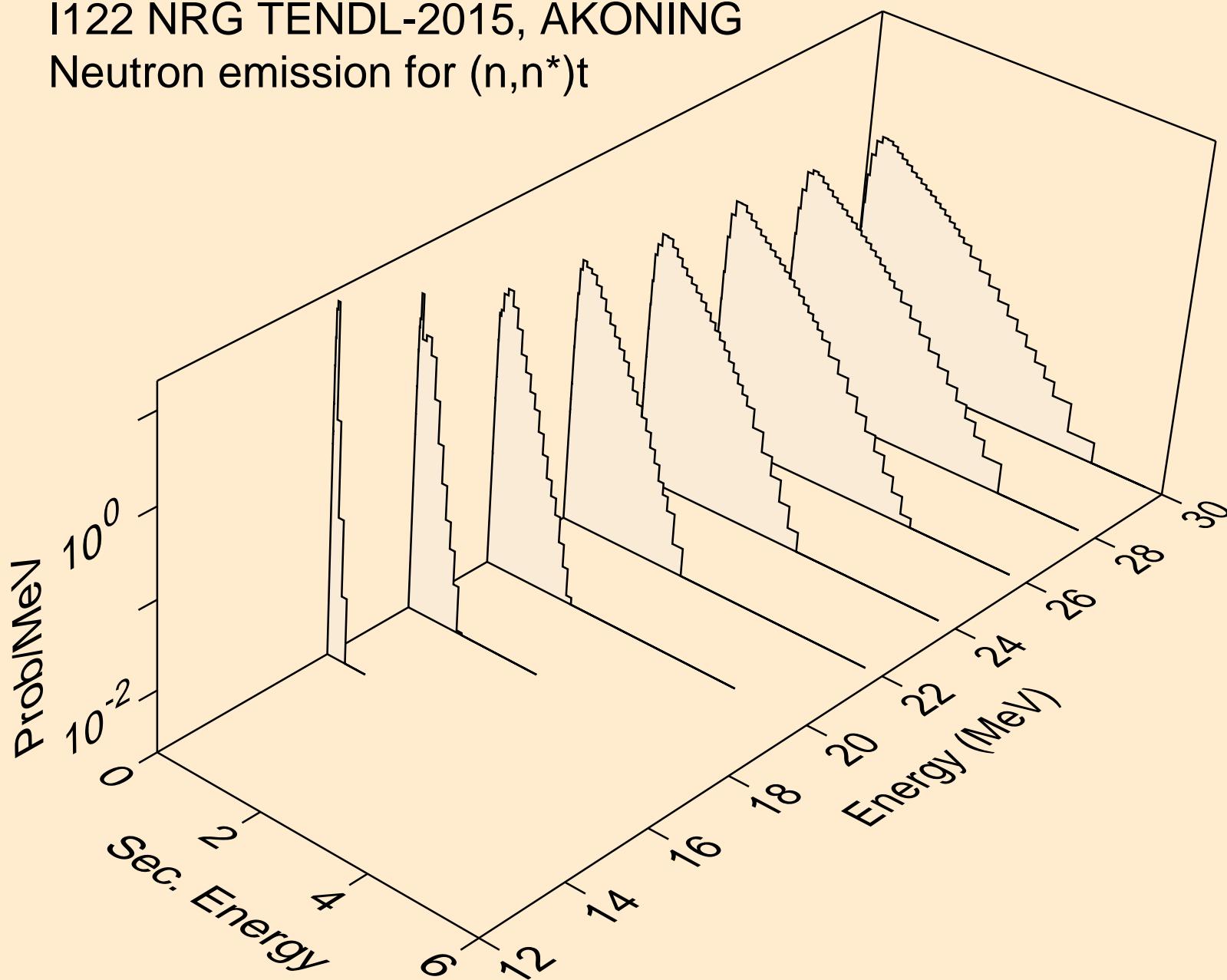
I122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)2a$



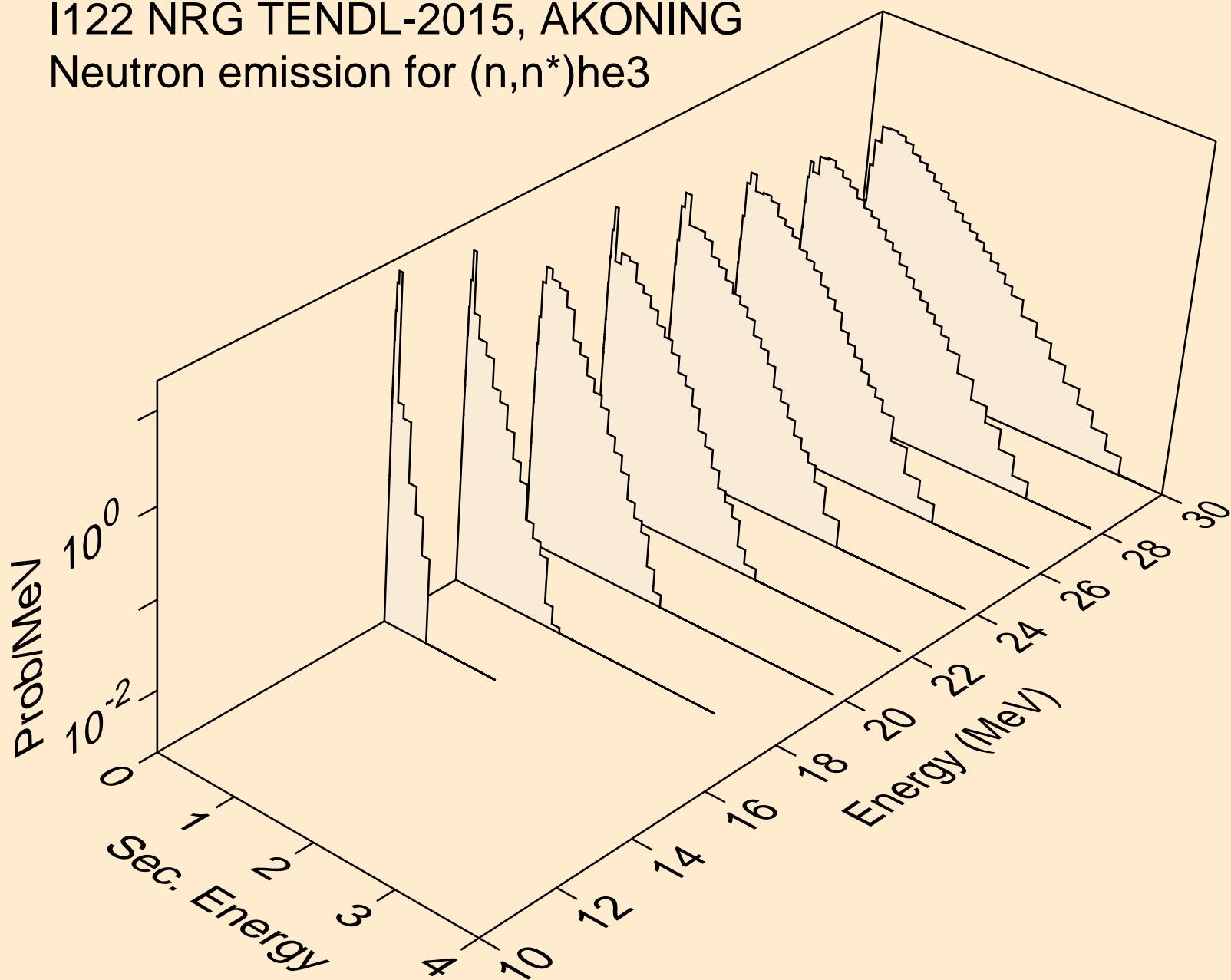
I122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



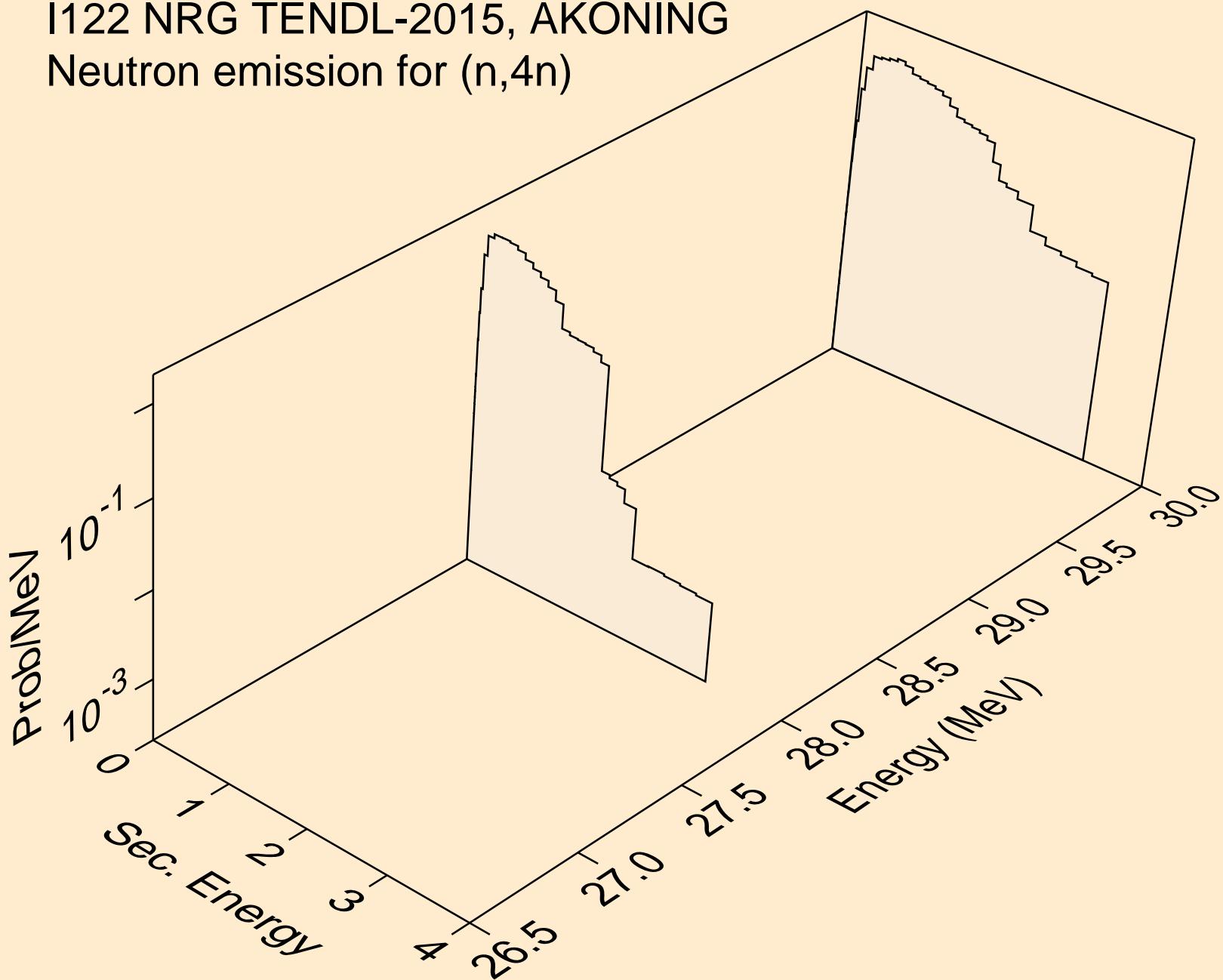
I122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



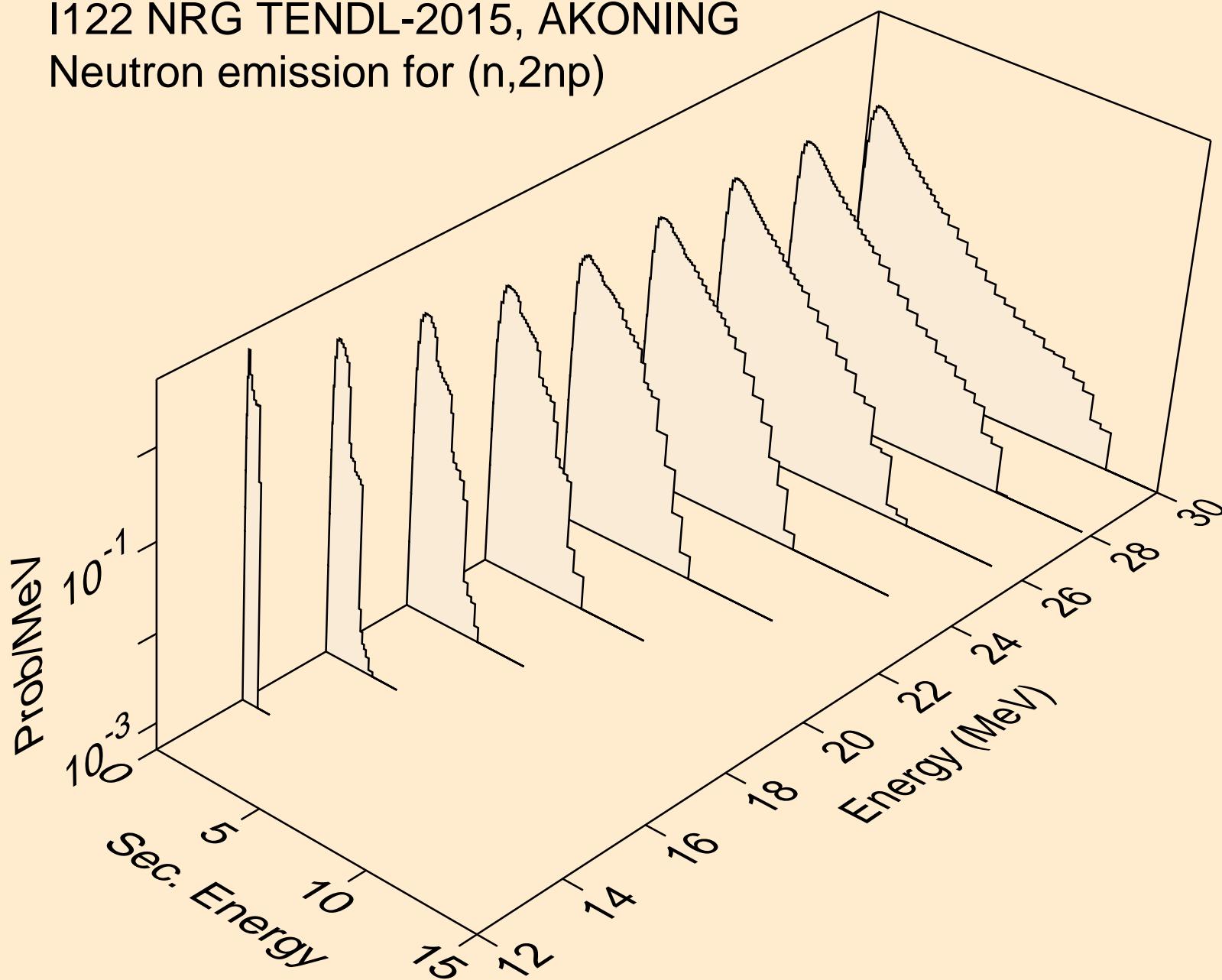
I122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



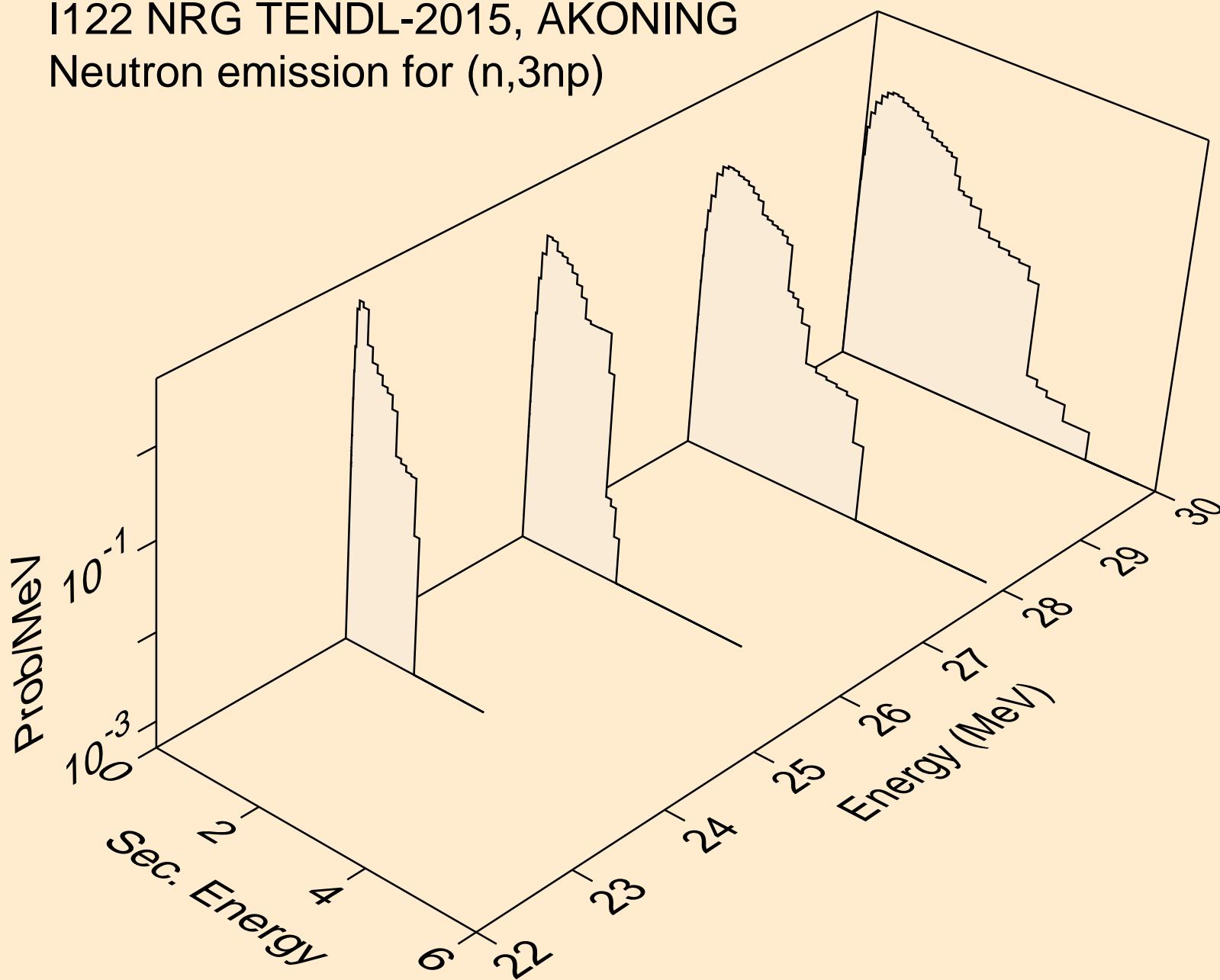
I122 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



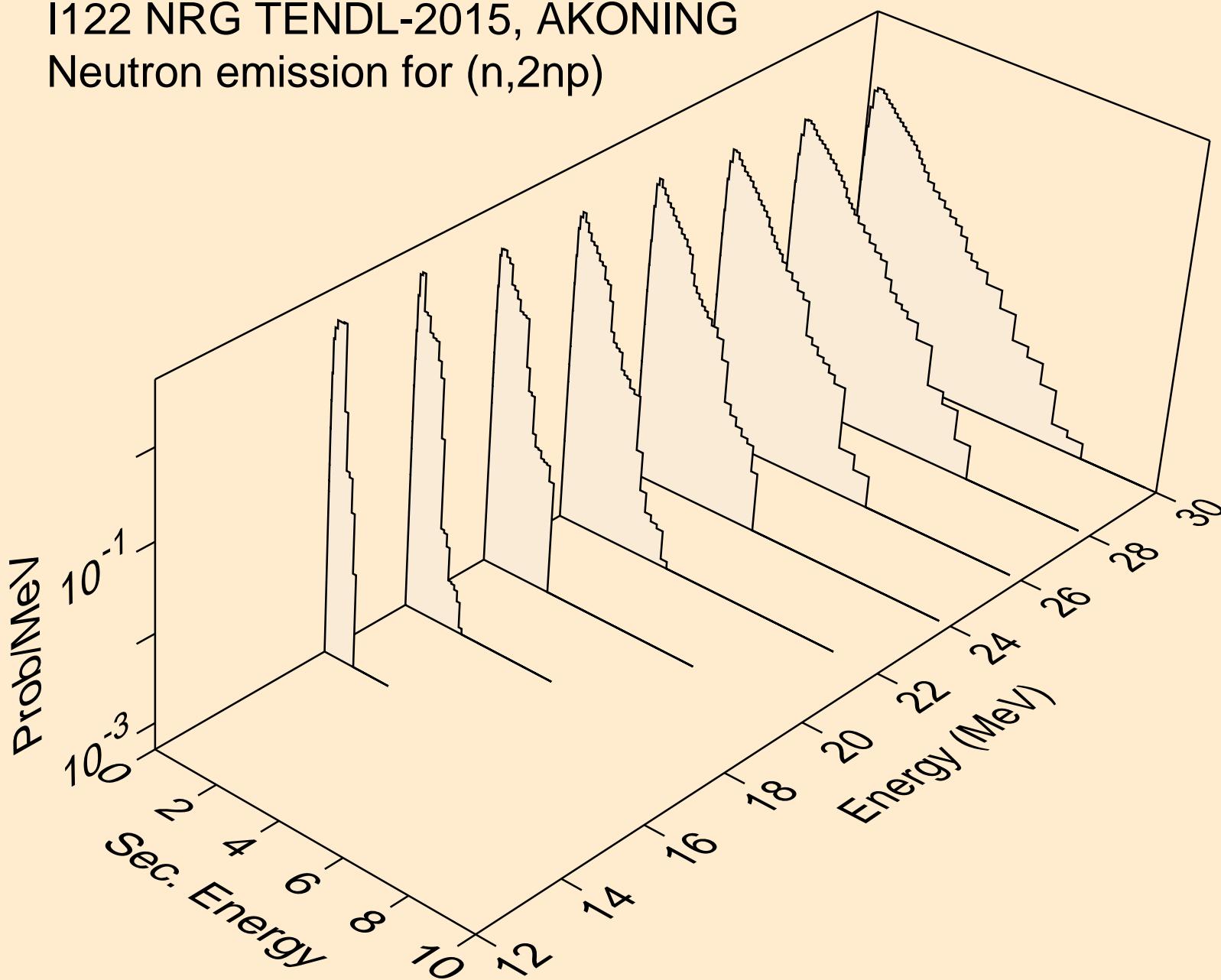
I122 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



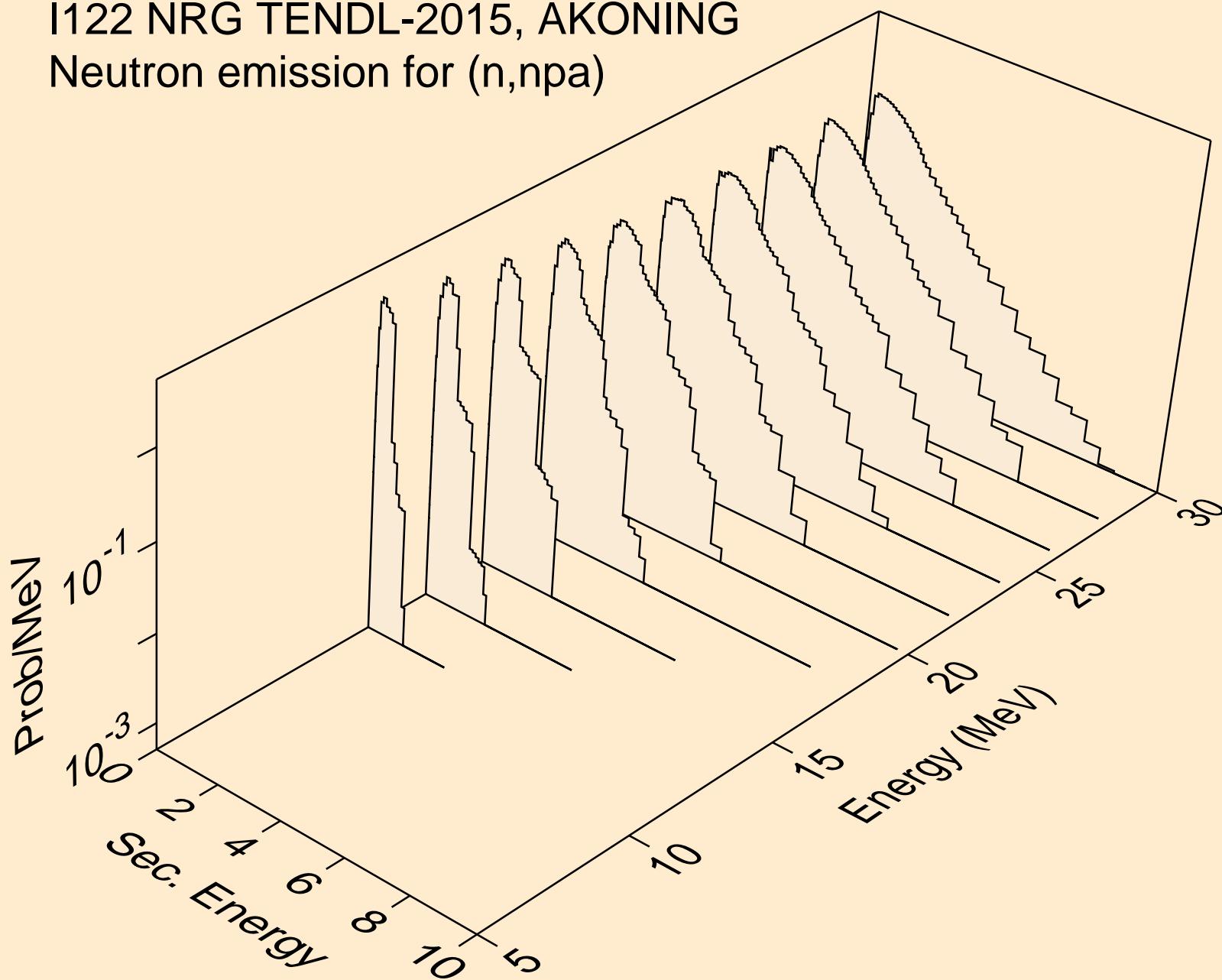
I122 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



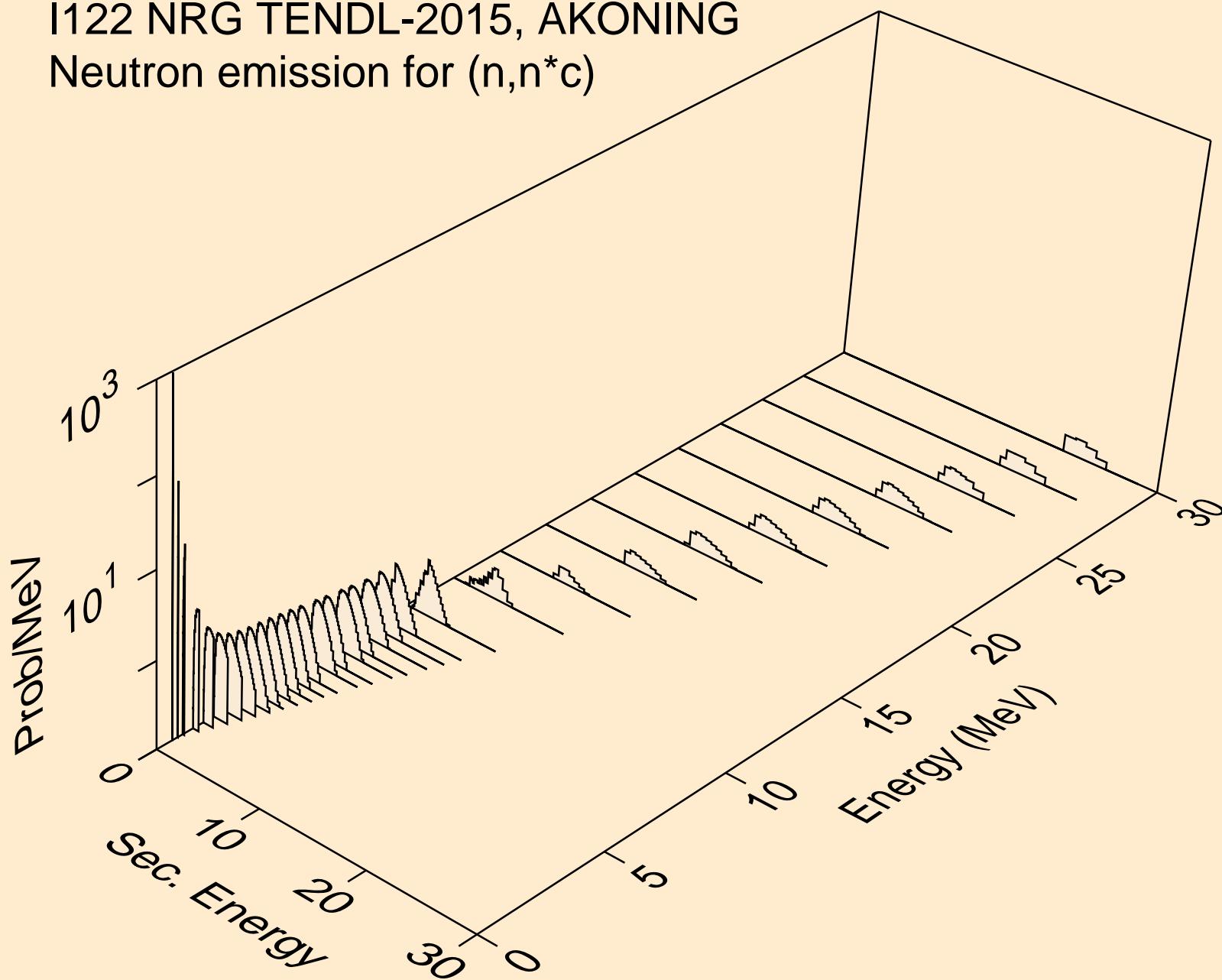
I122 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



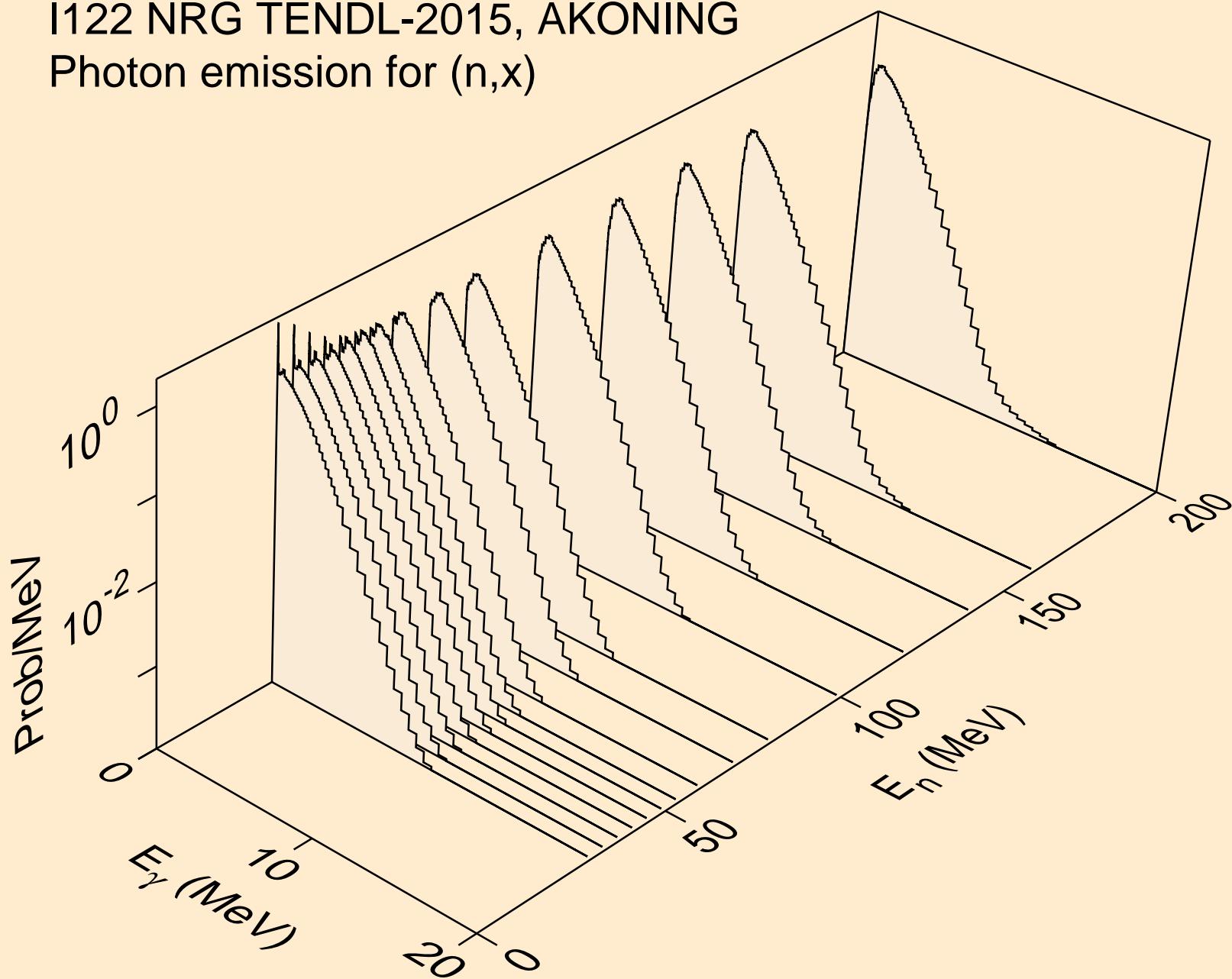
I122 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



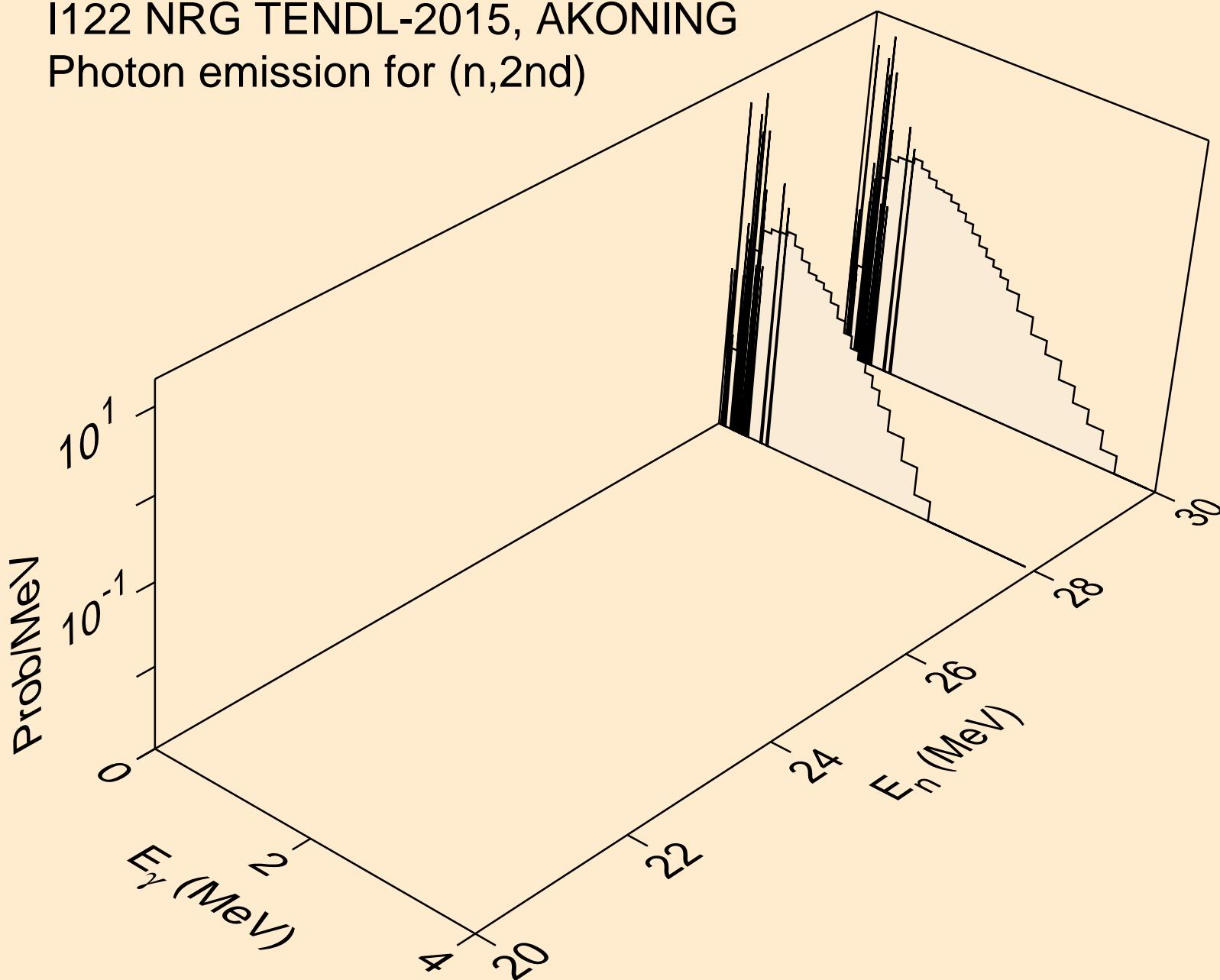
I122 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



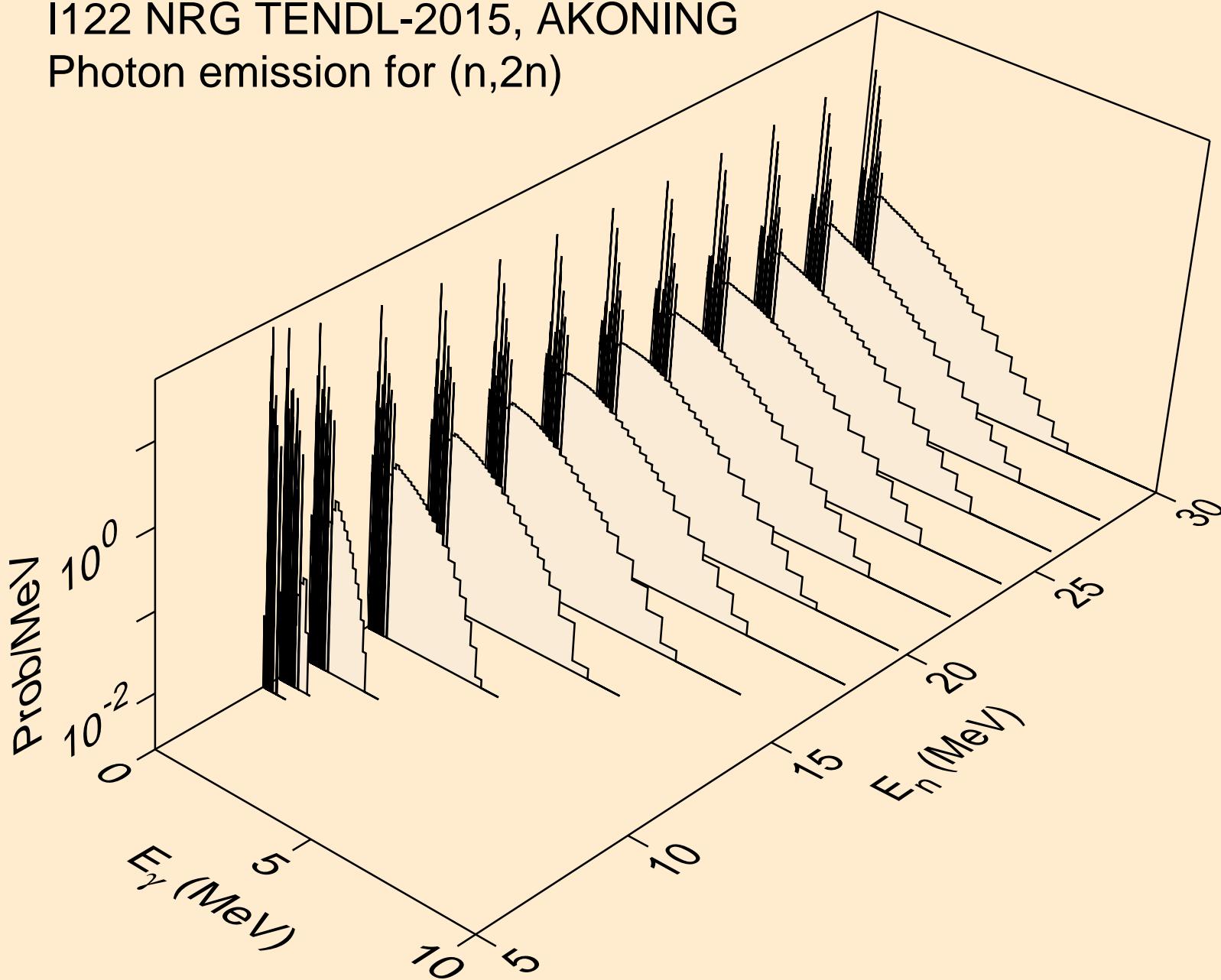
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



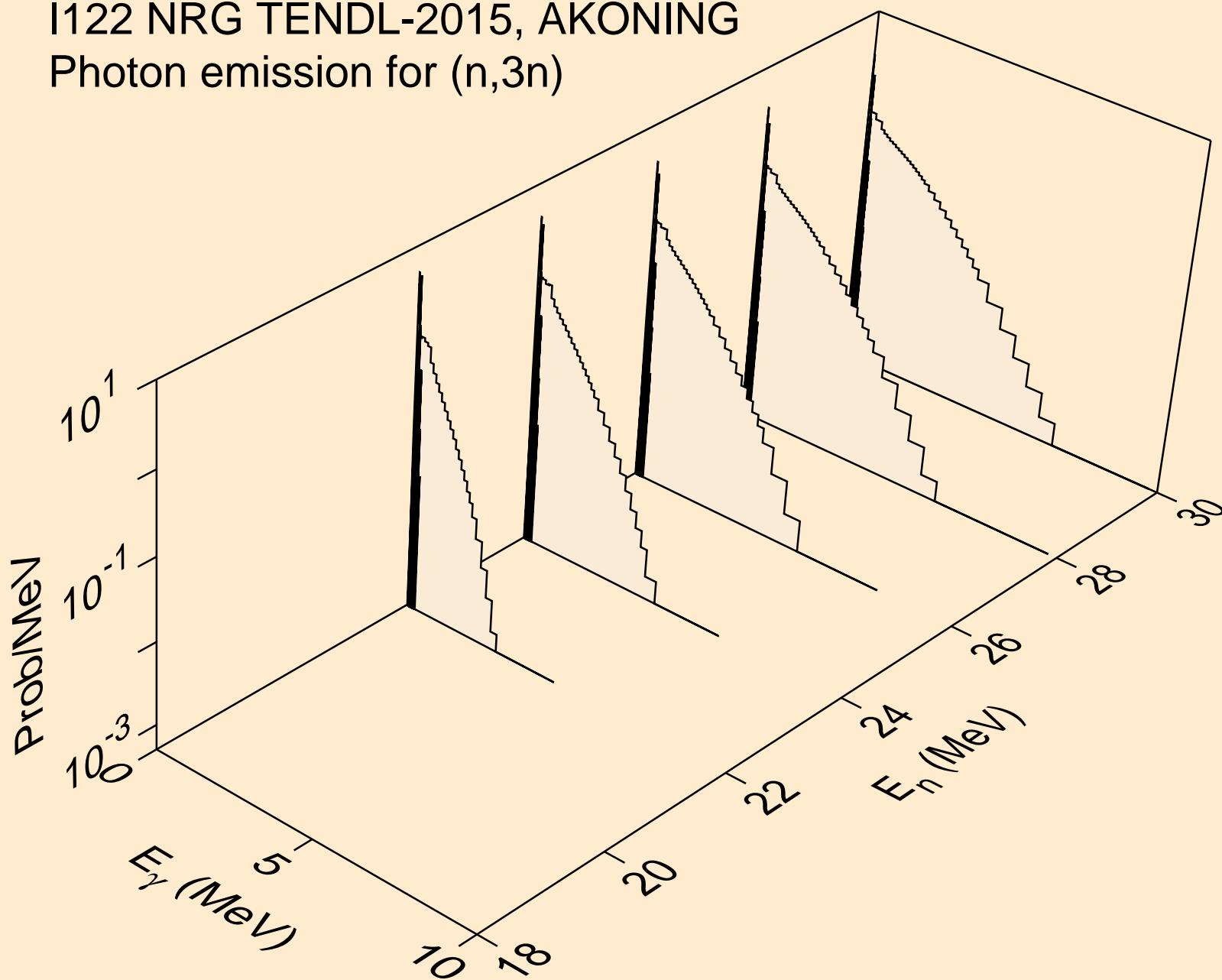
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



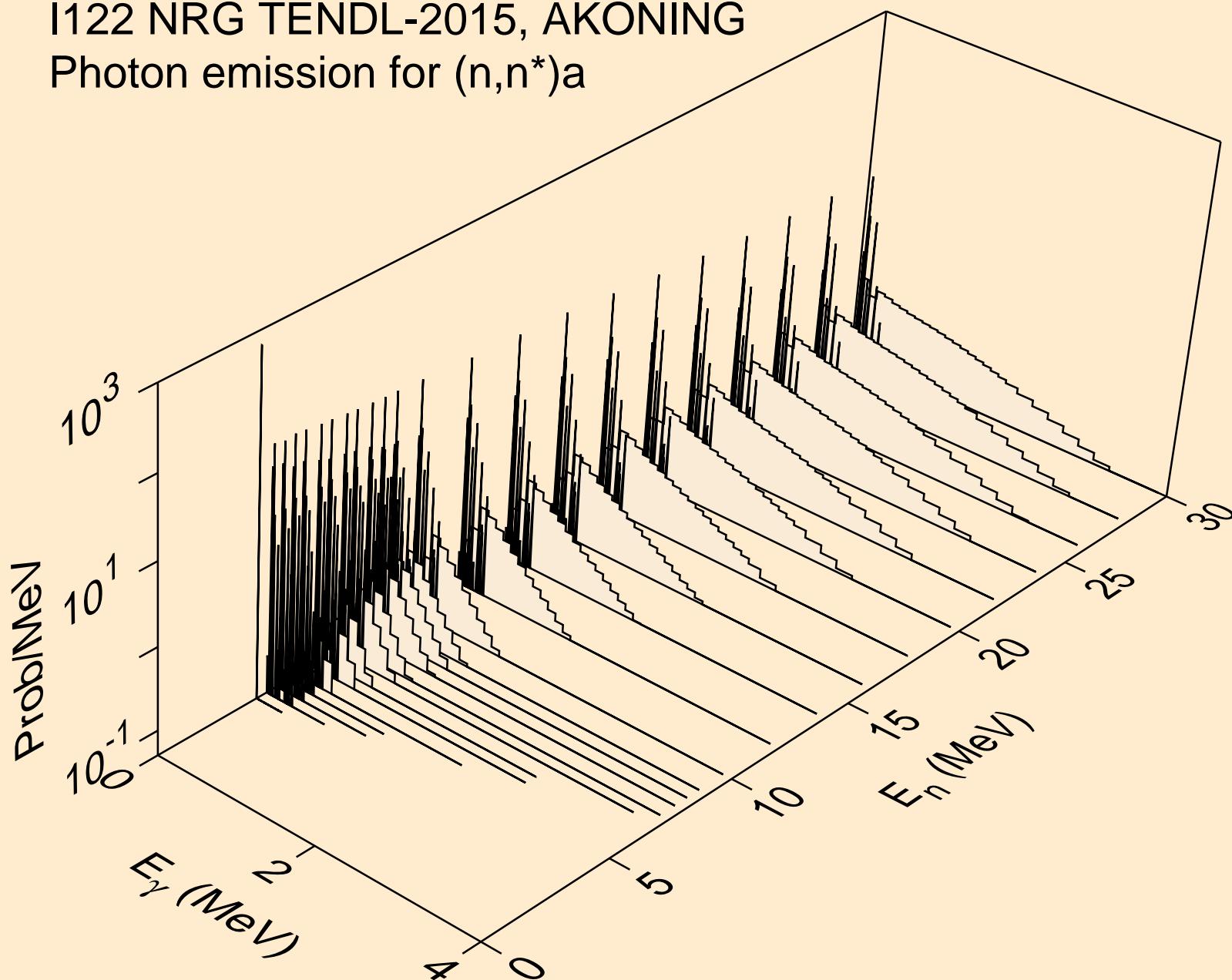
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



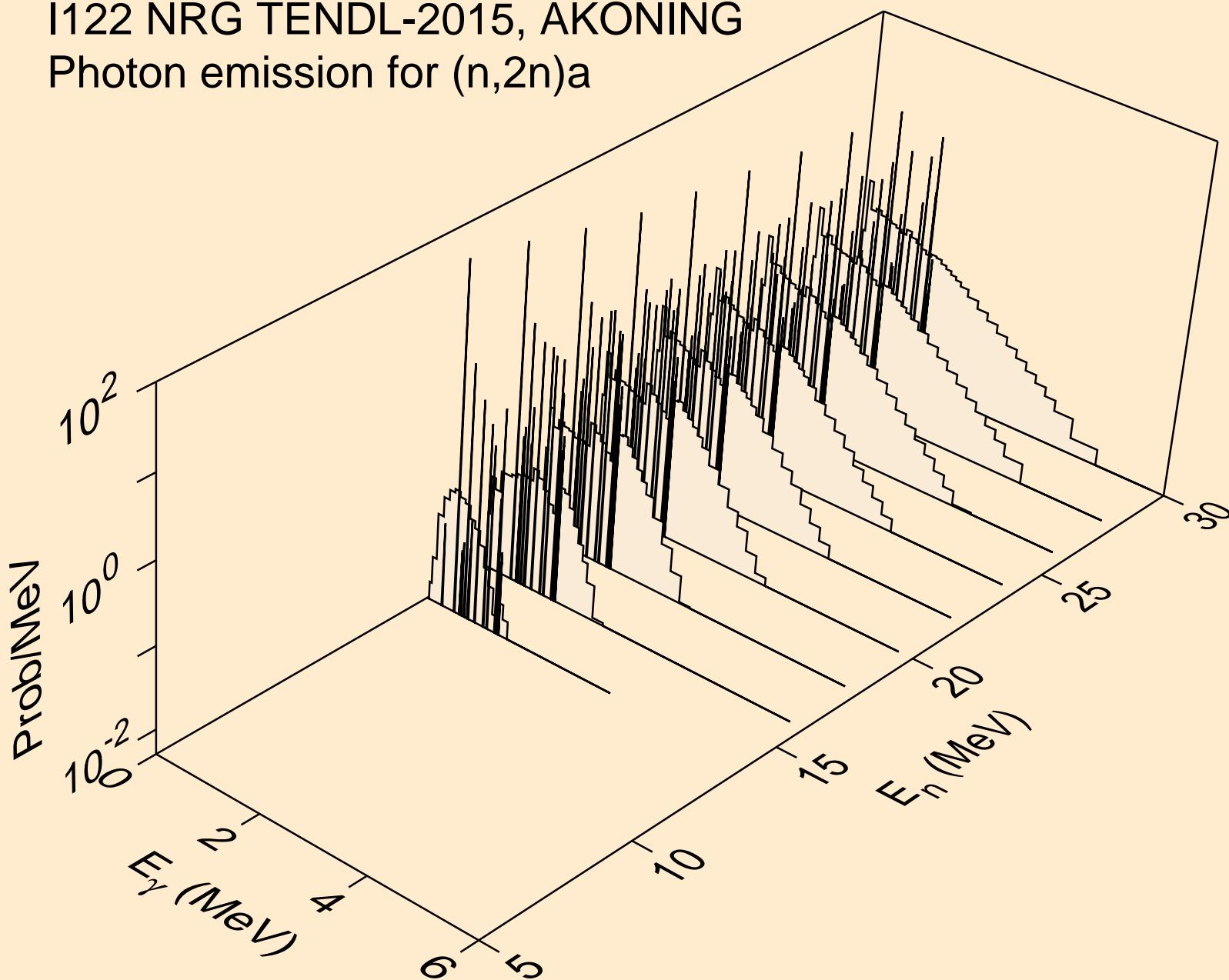
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



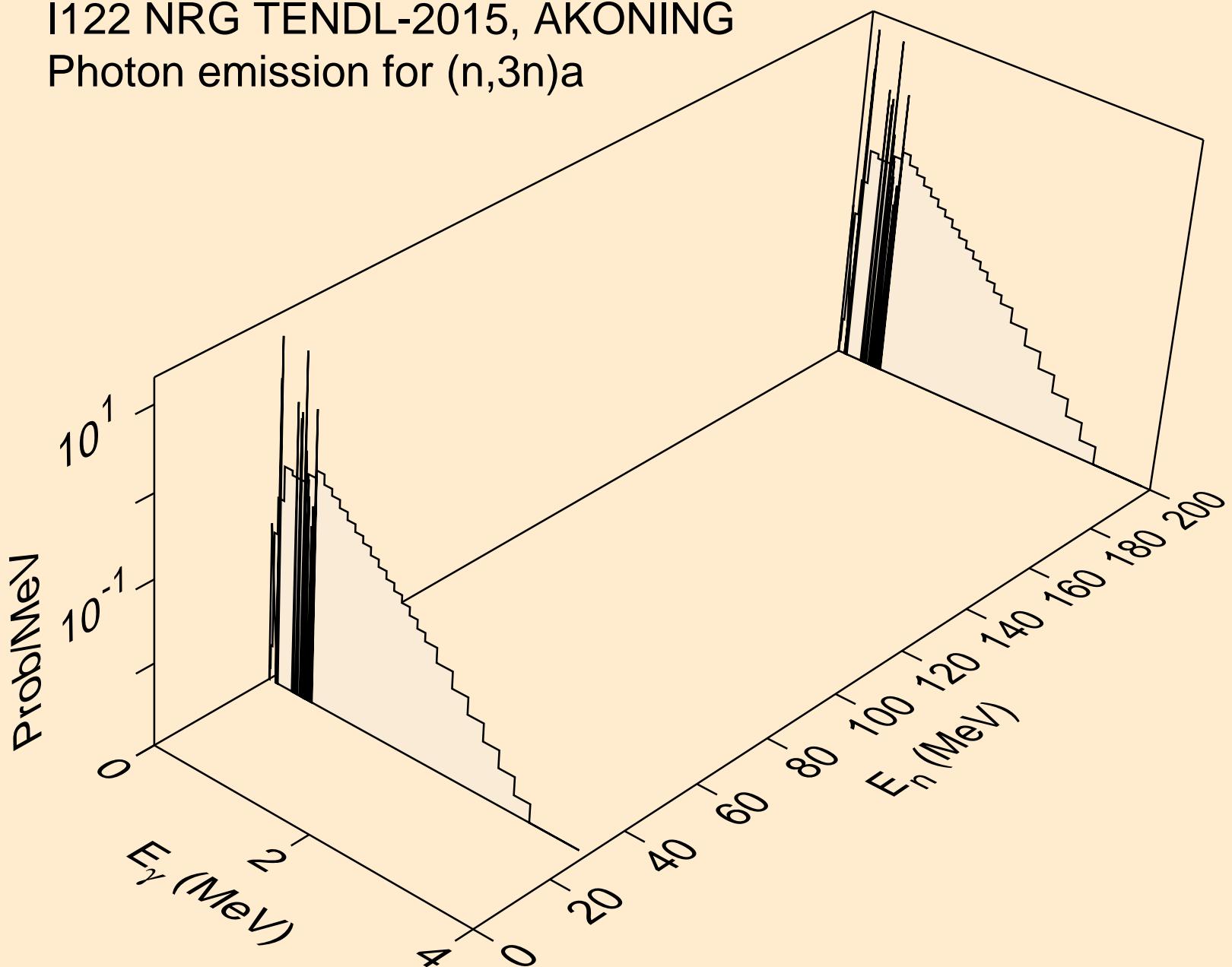
I122 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



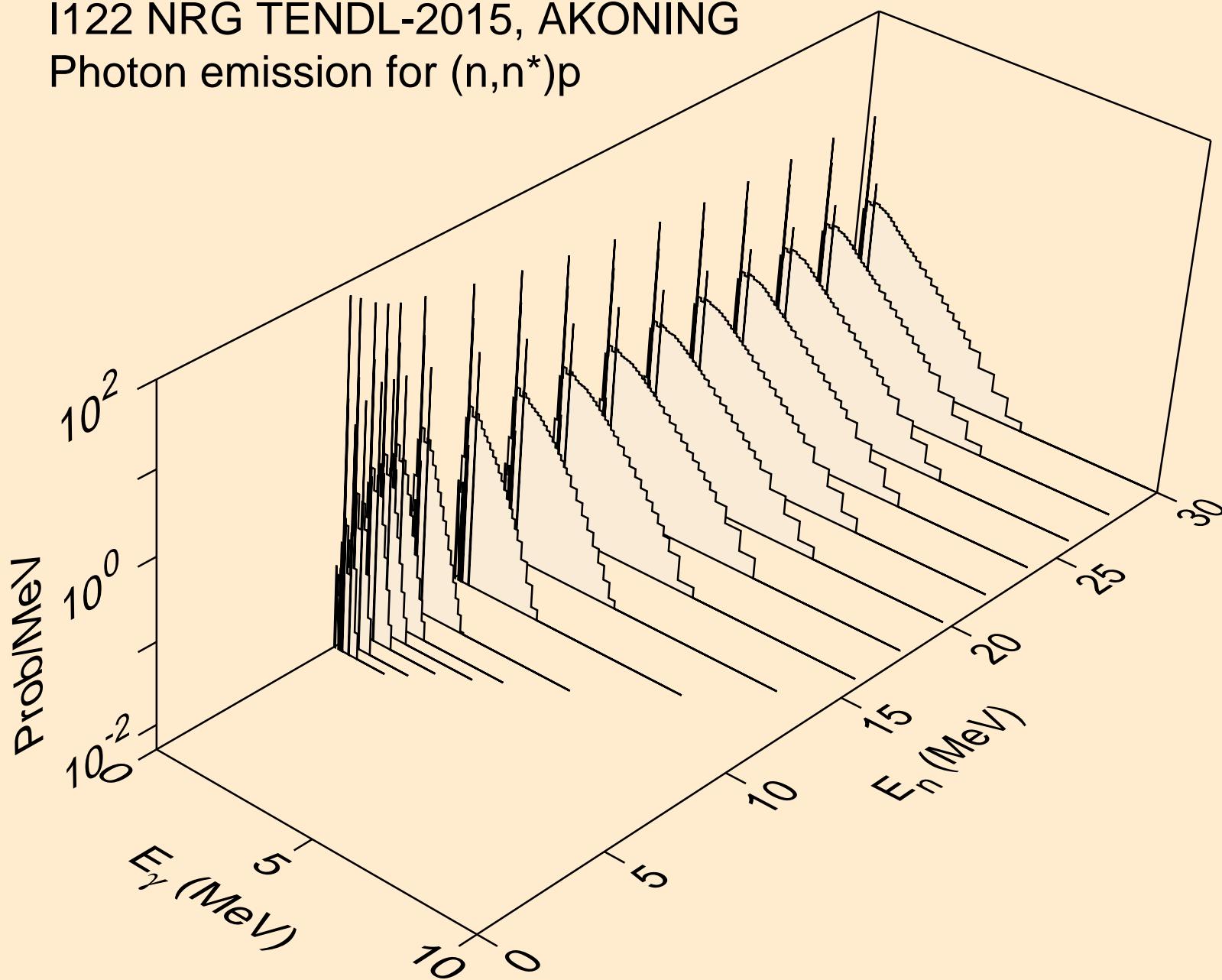
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



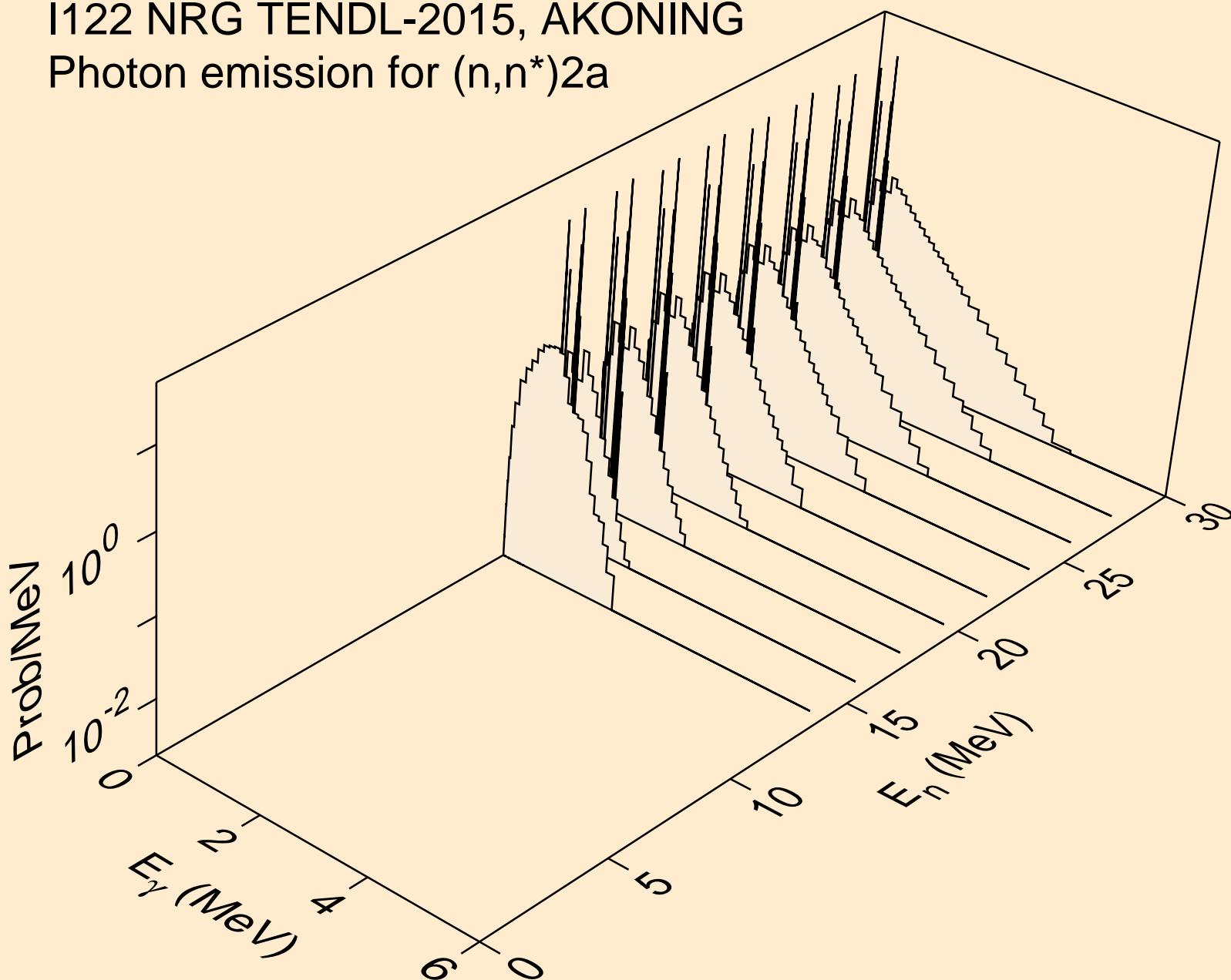
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



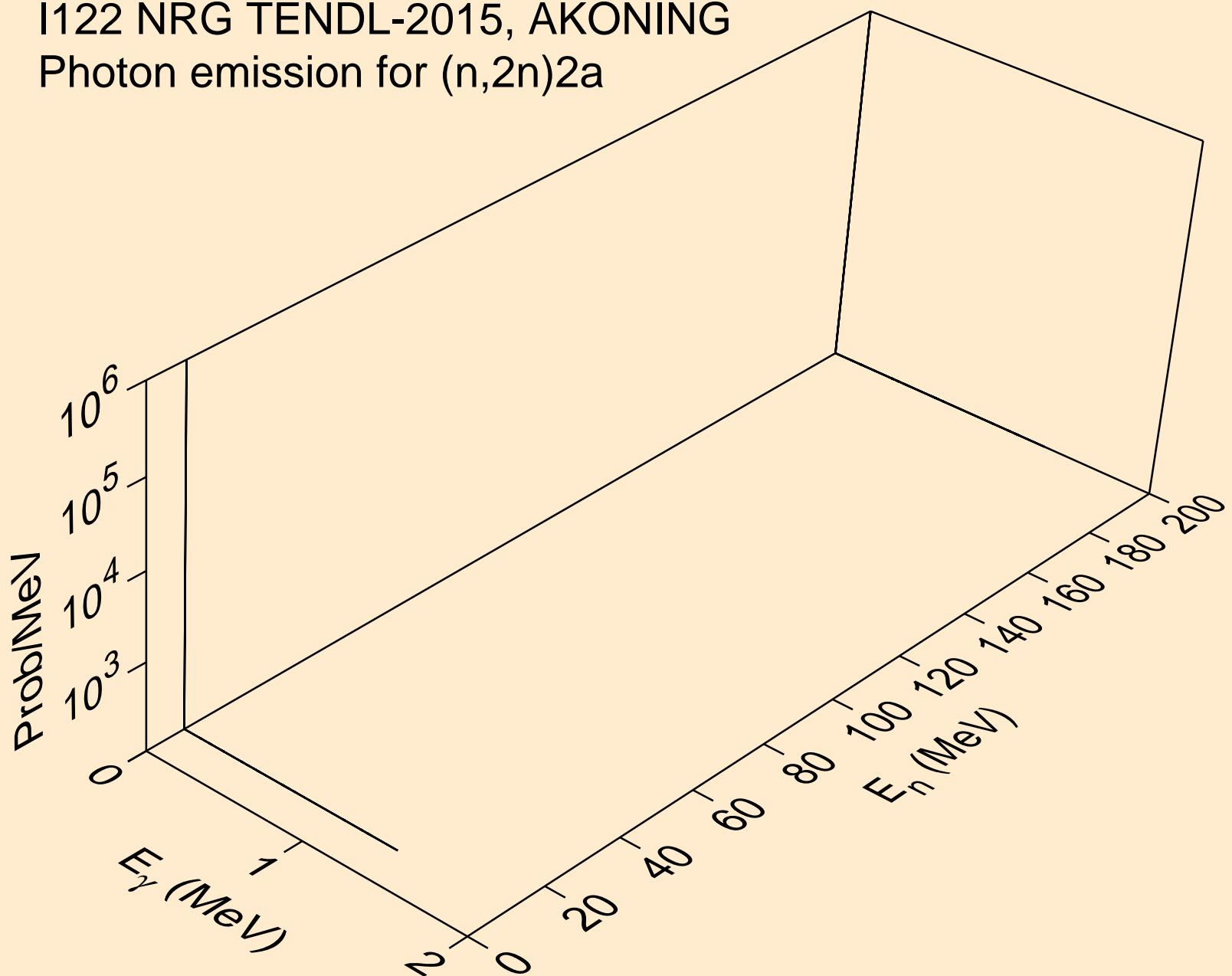
I122 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



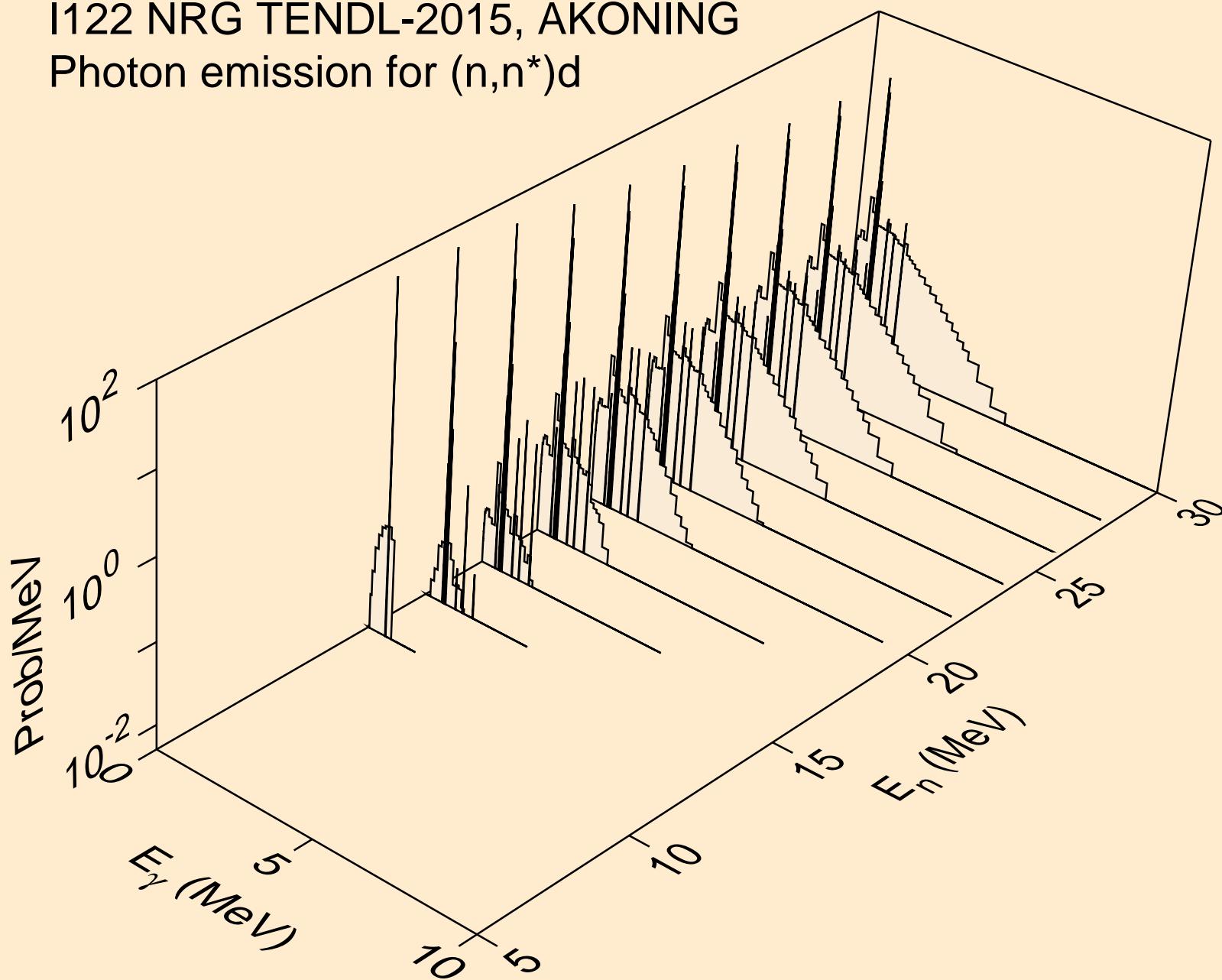
I122 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)2a$



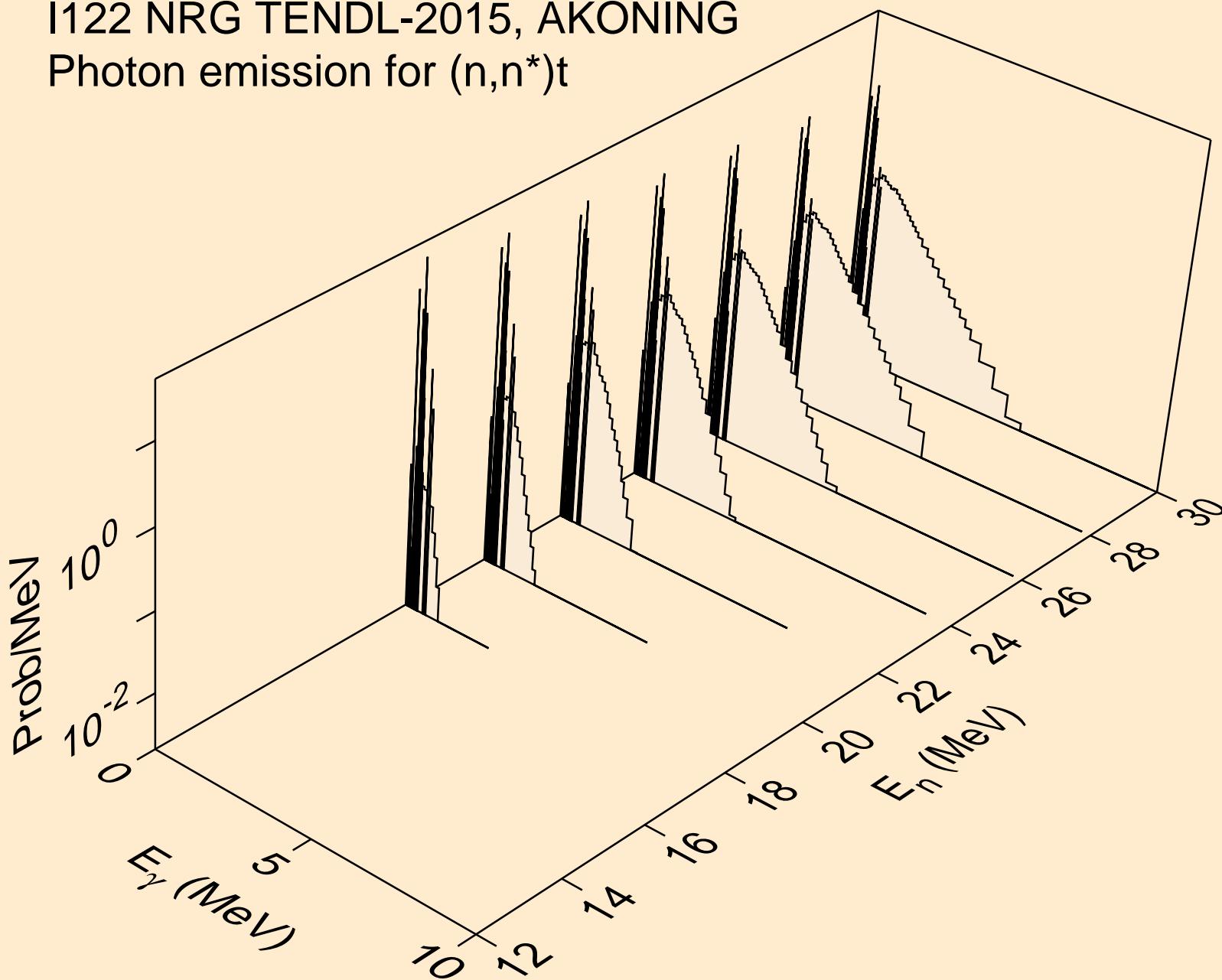
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



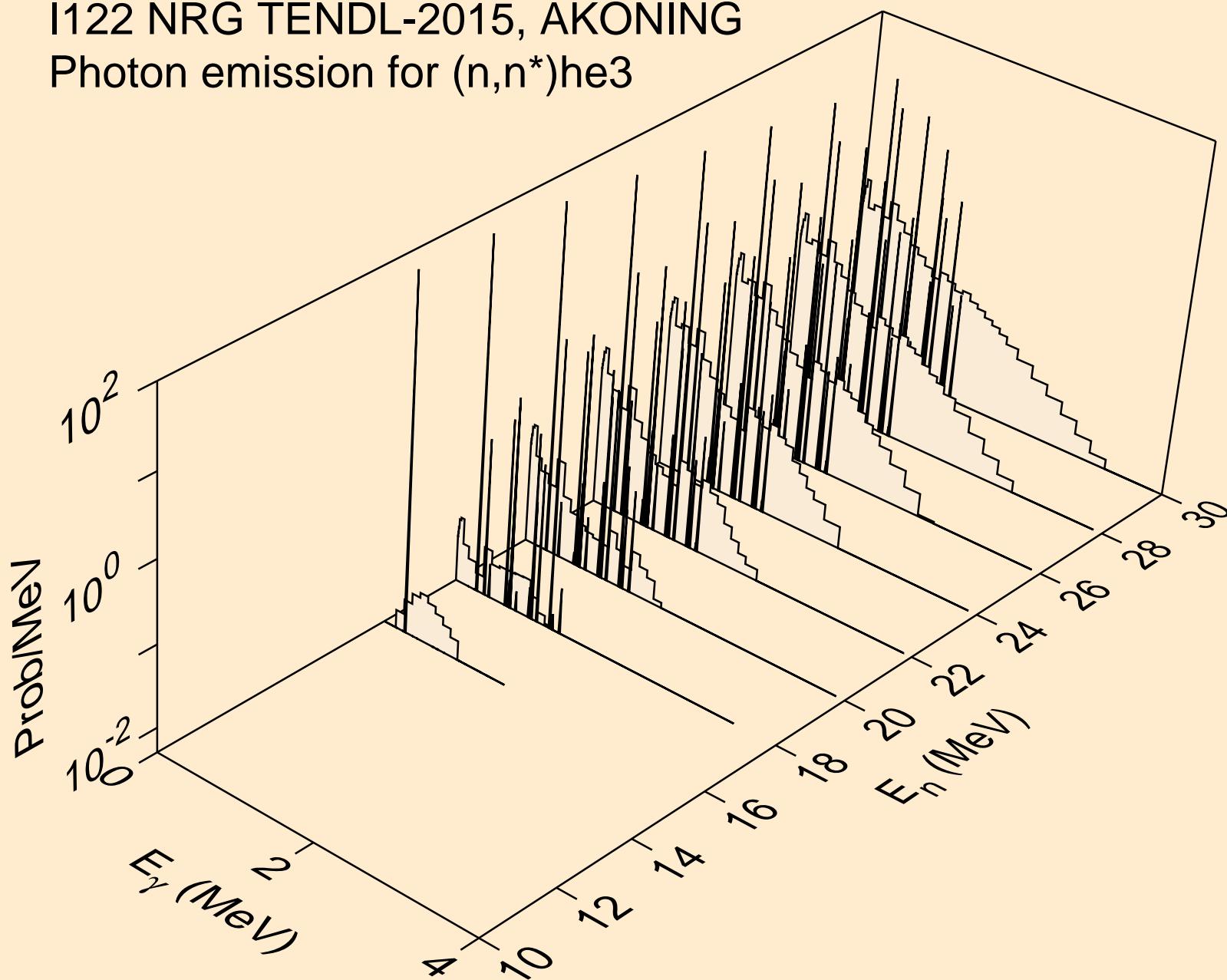
I122 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



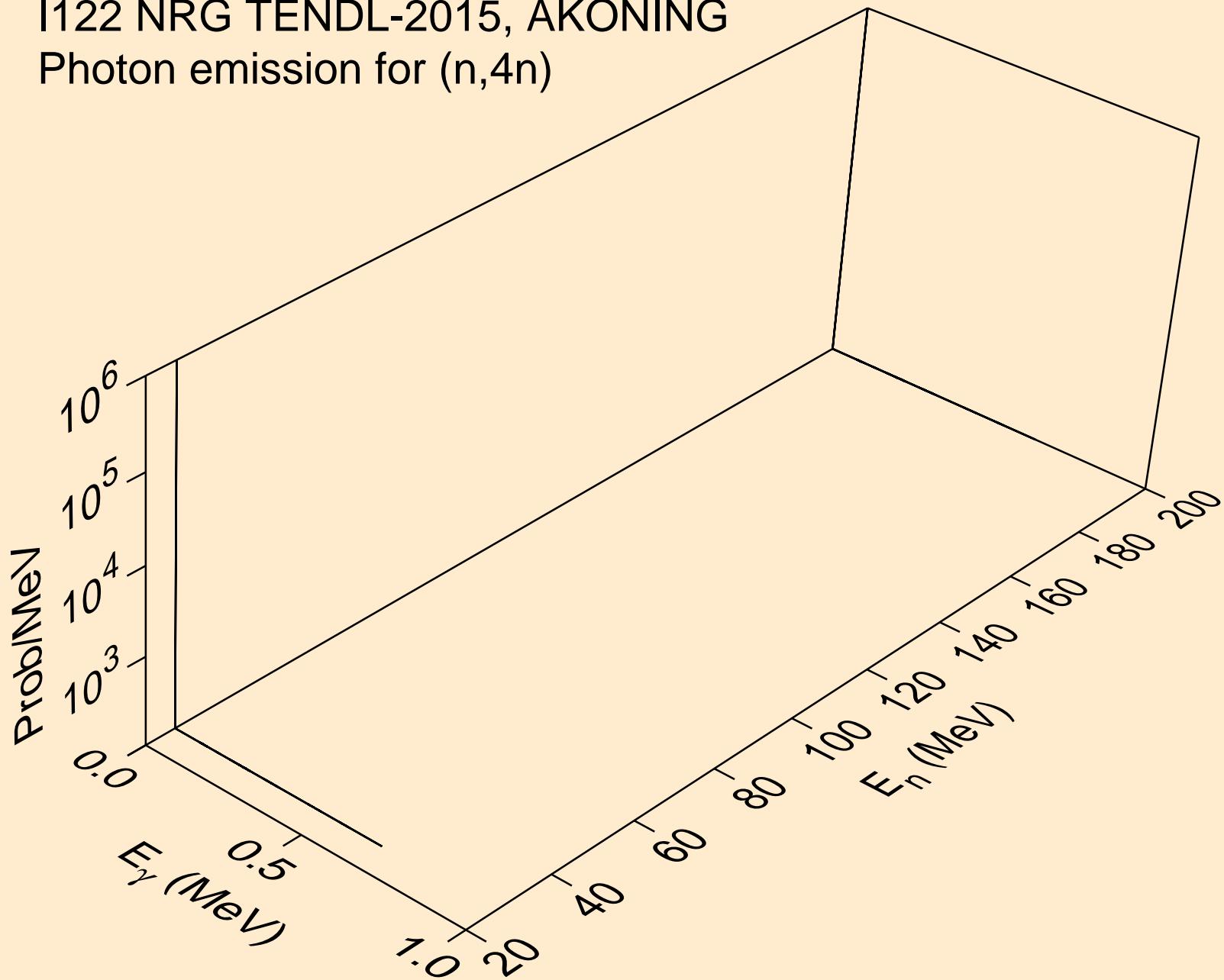
I122 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



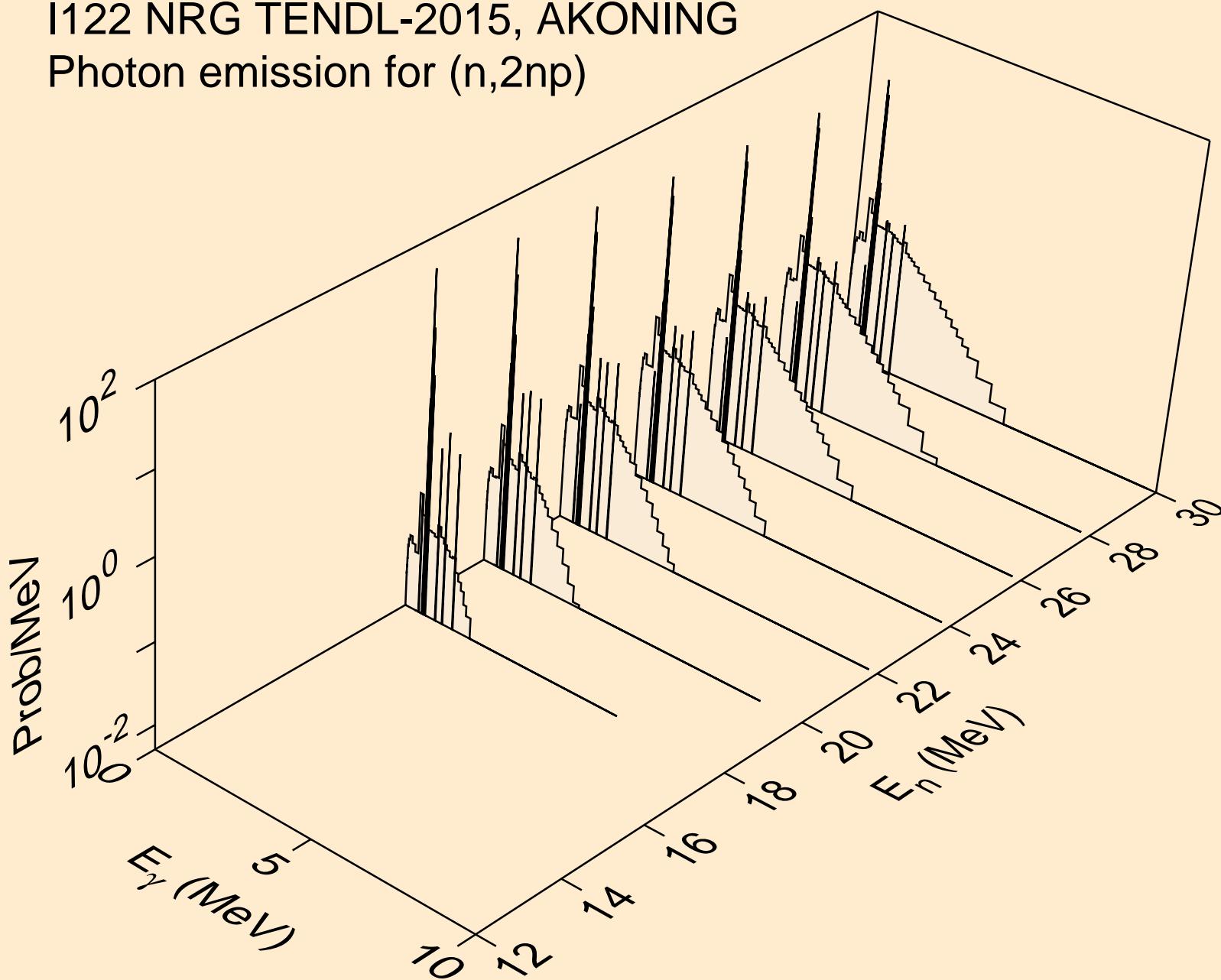
I122 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



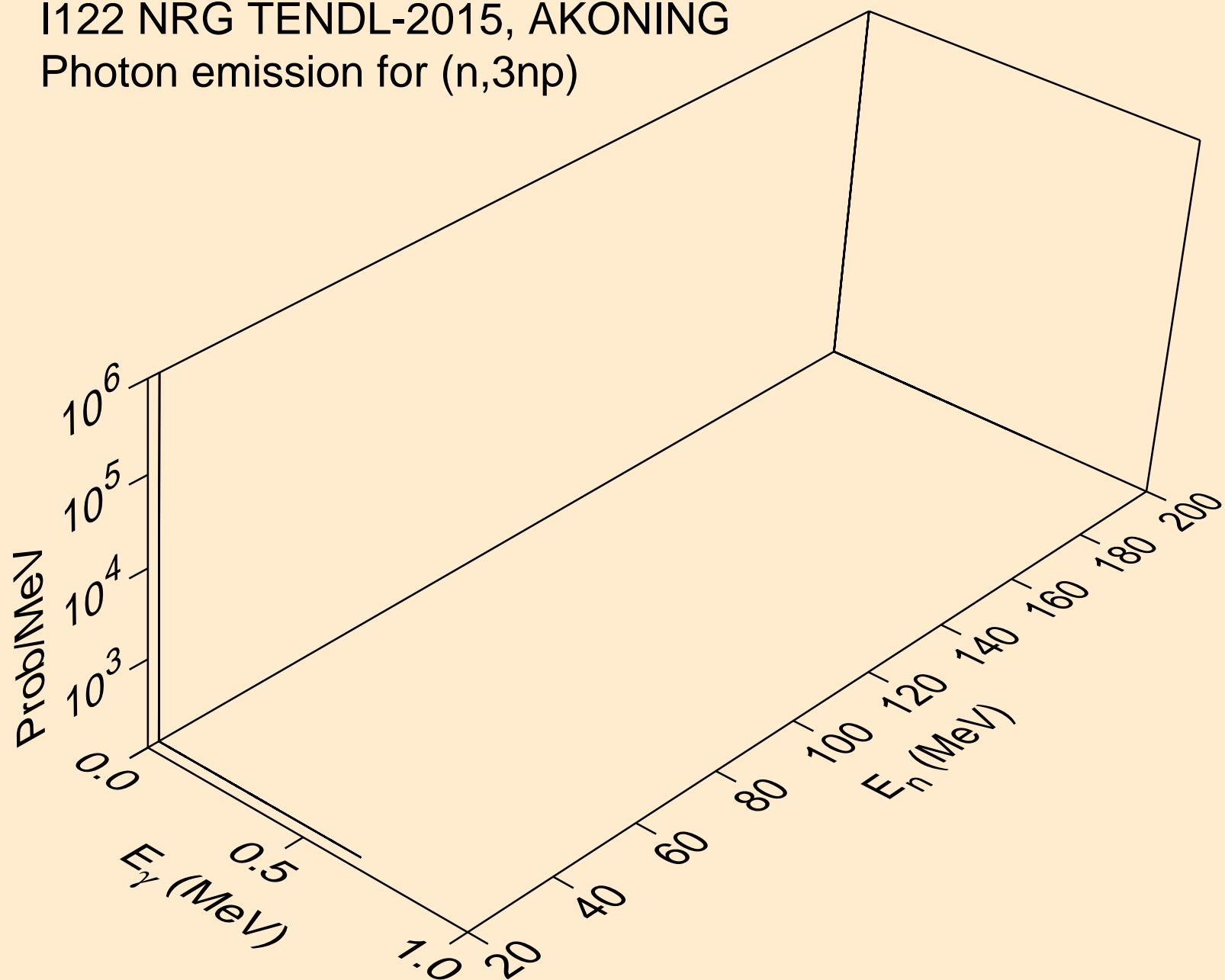
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Photon emission for (n,4n)



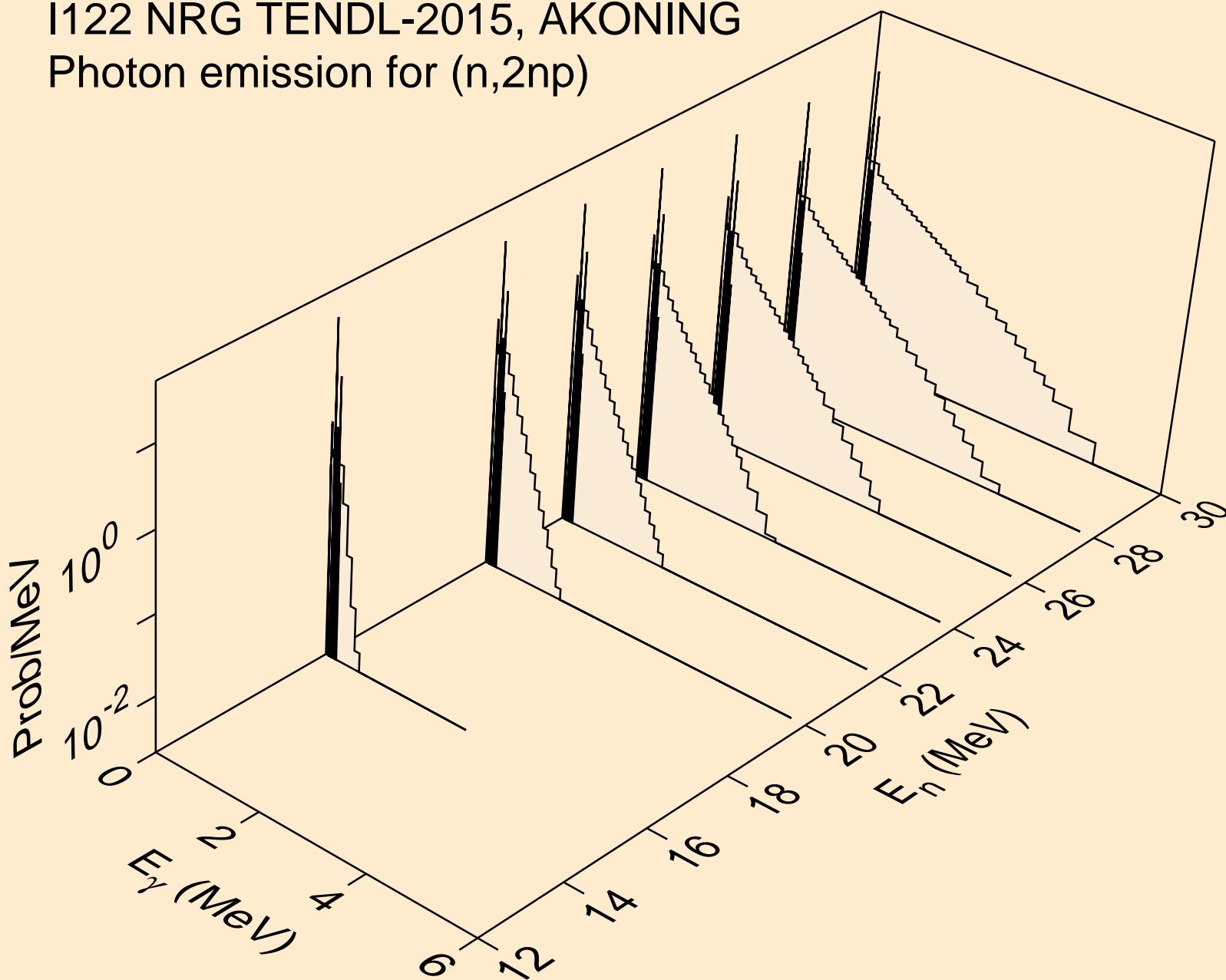
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



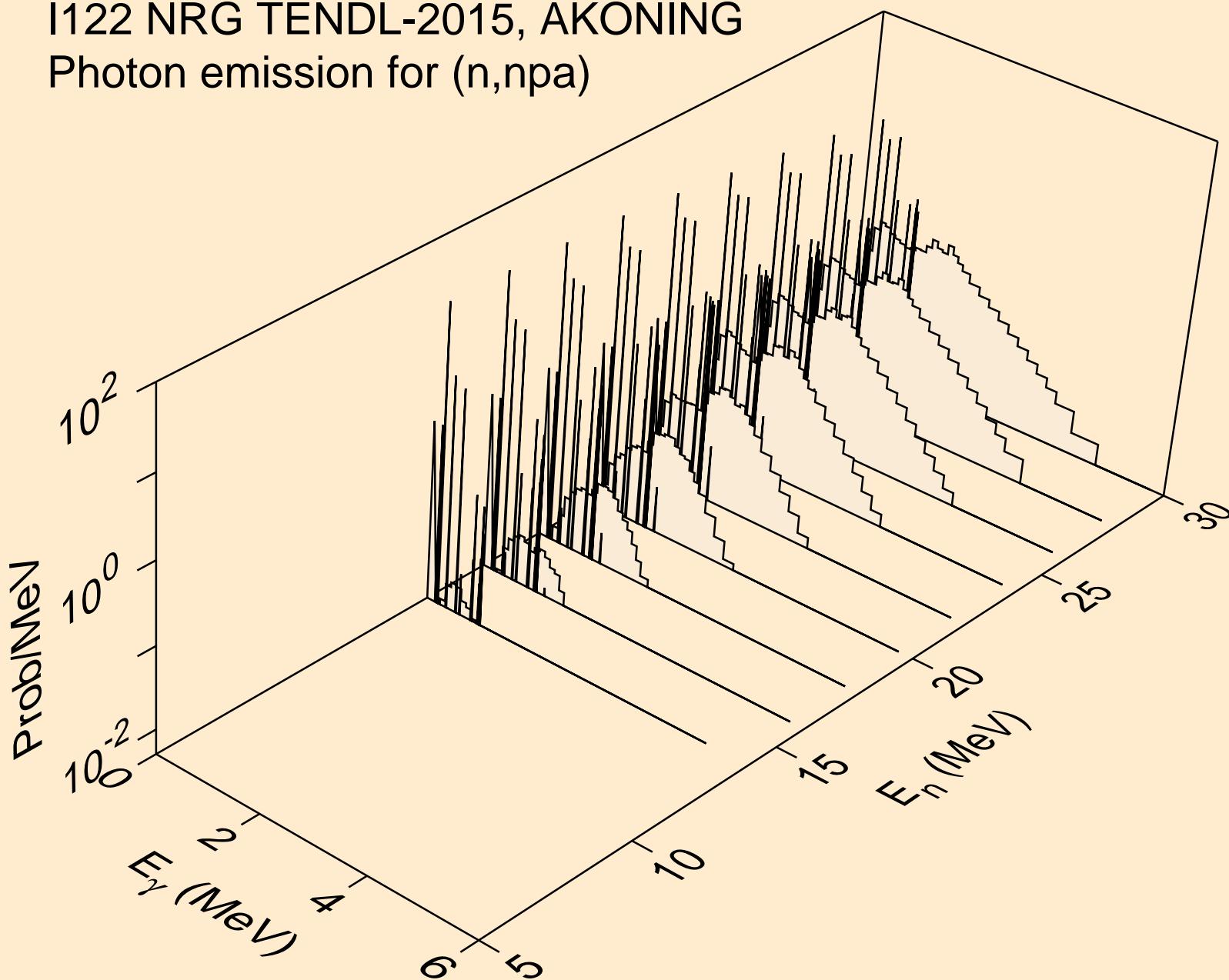
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Photon emission for (n,3np)



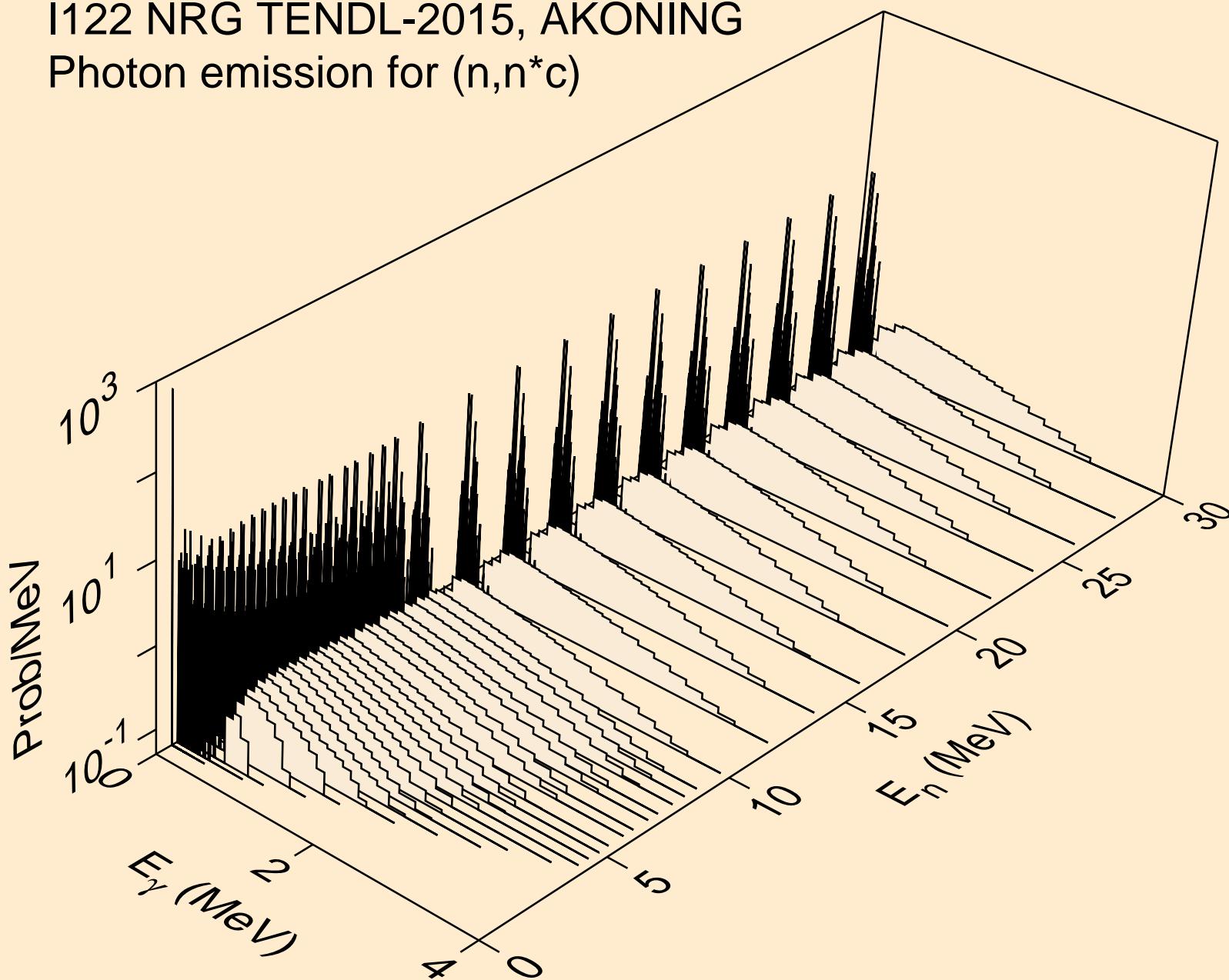
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Photon emission for (n,2np)



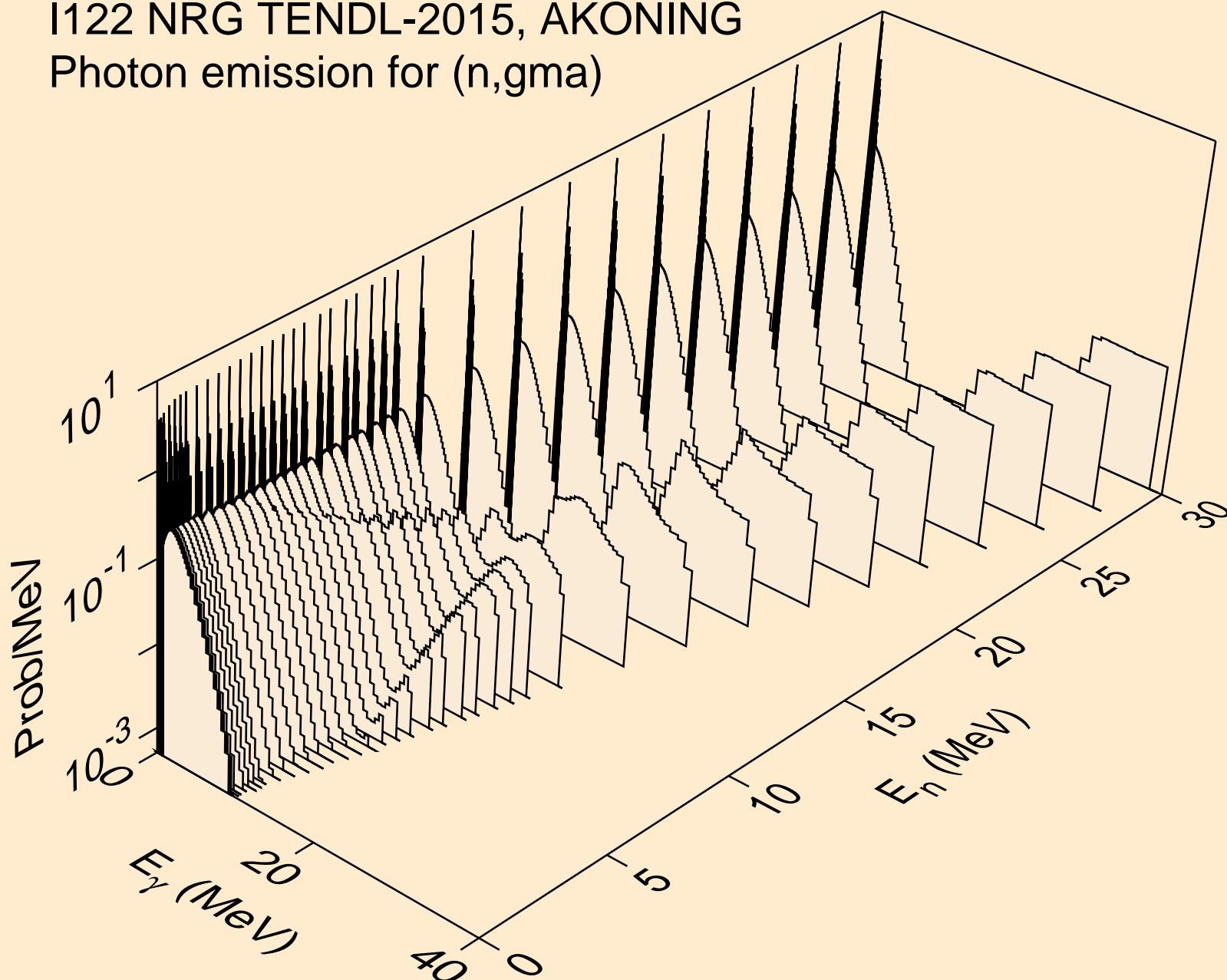
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



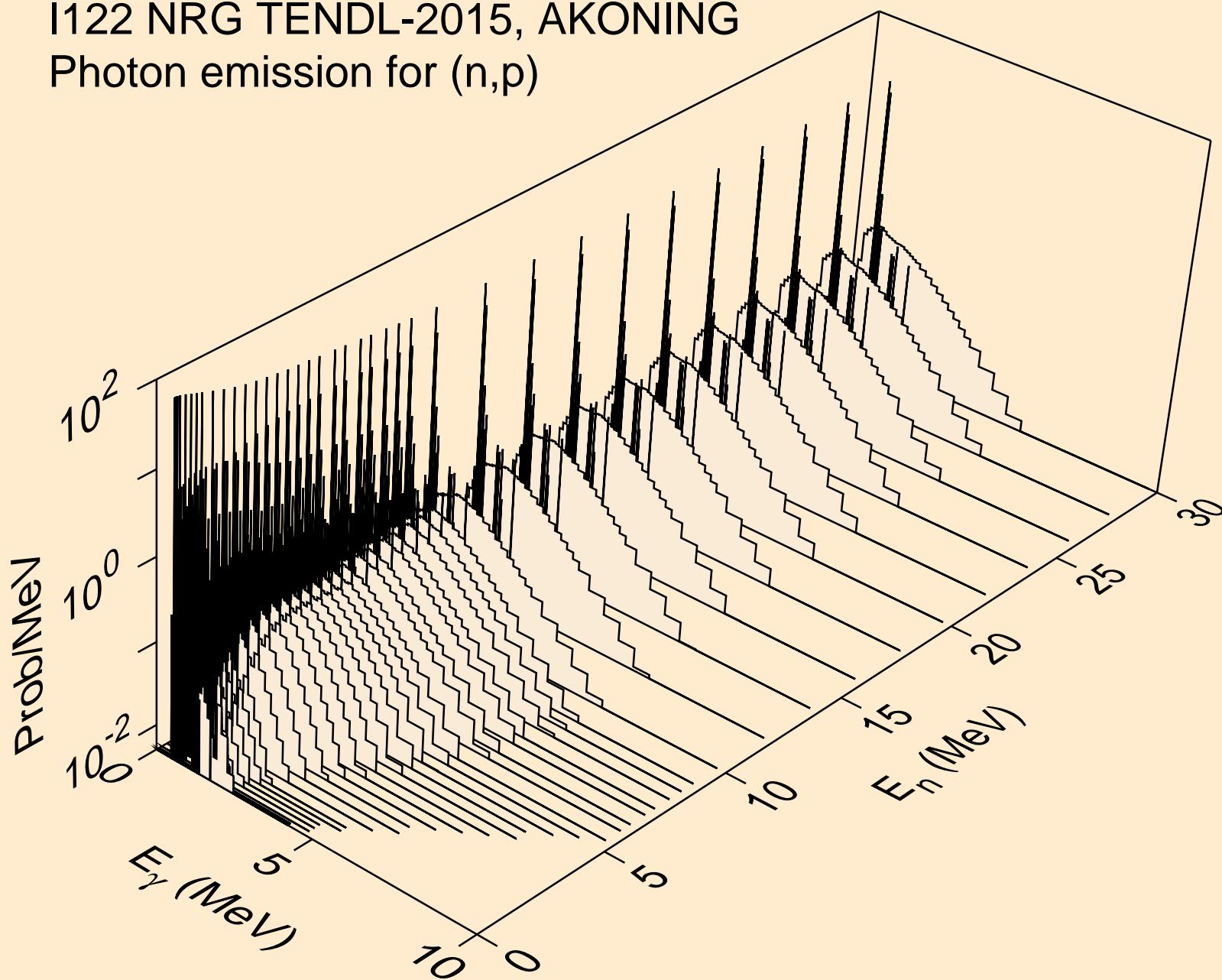
I122 NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^*c$ )



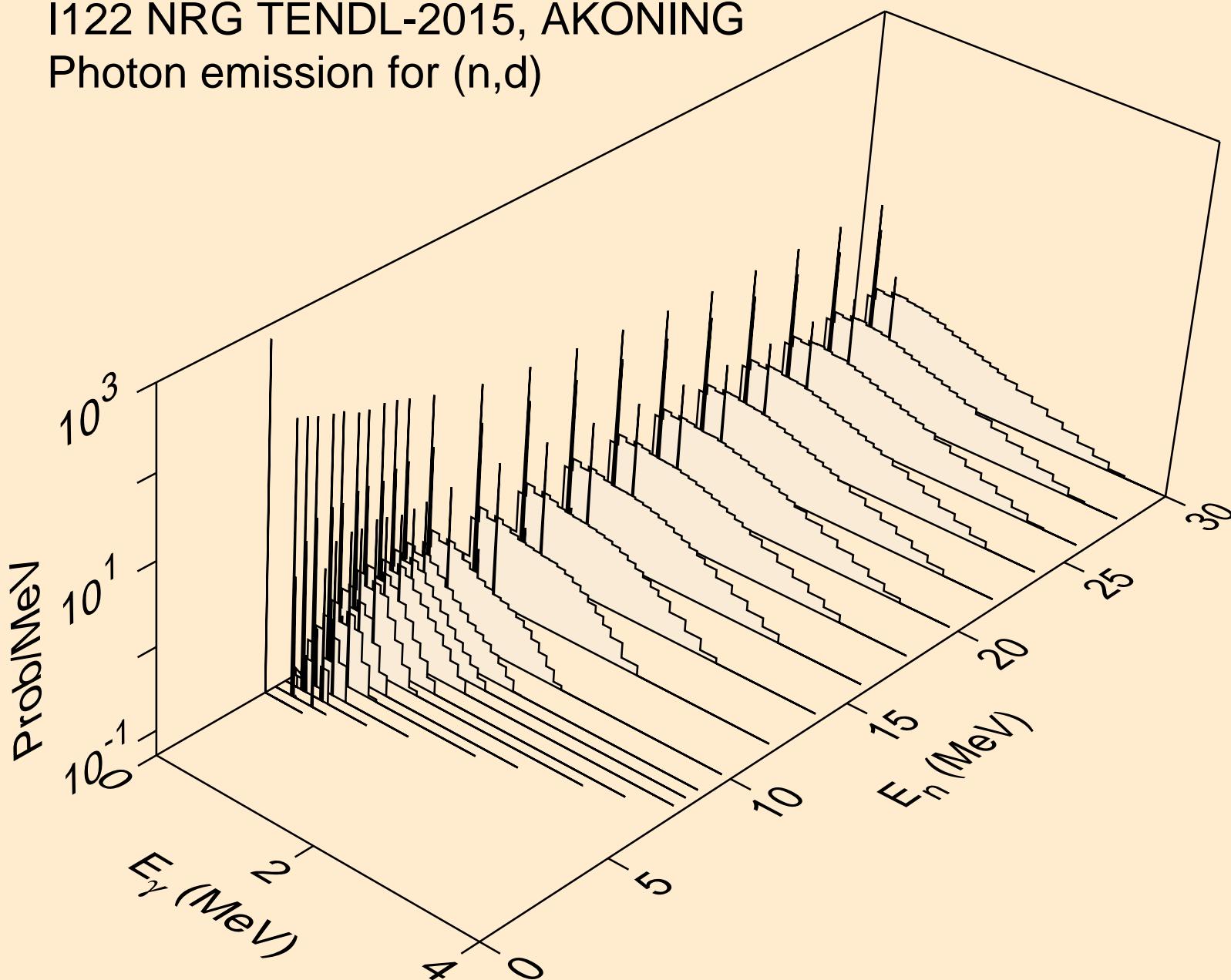
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



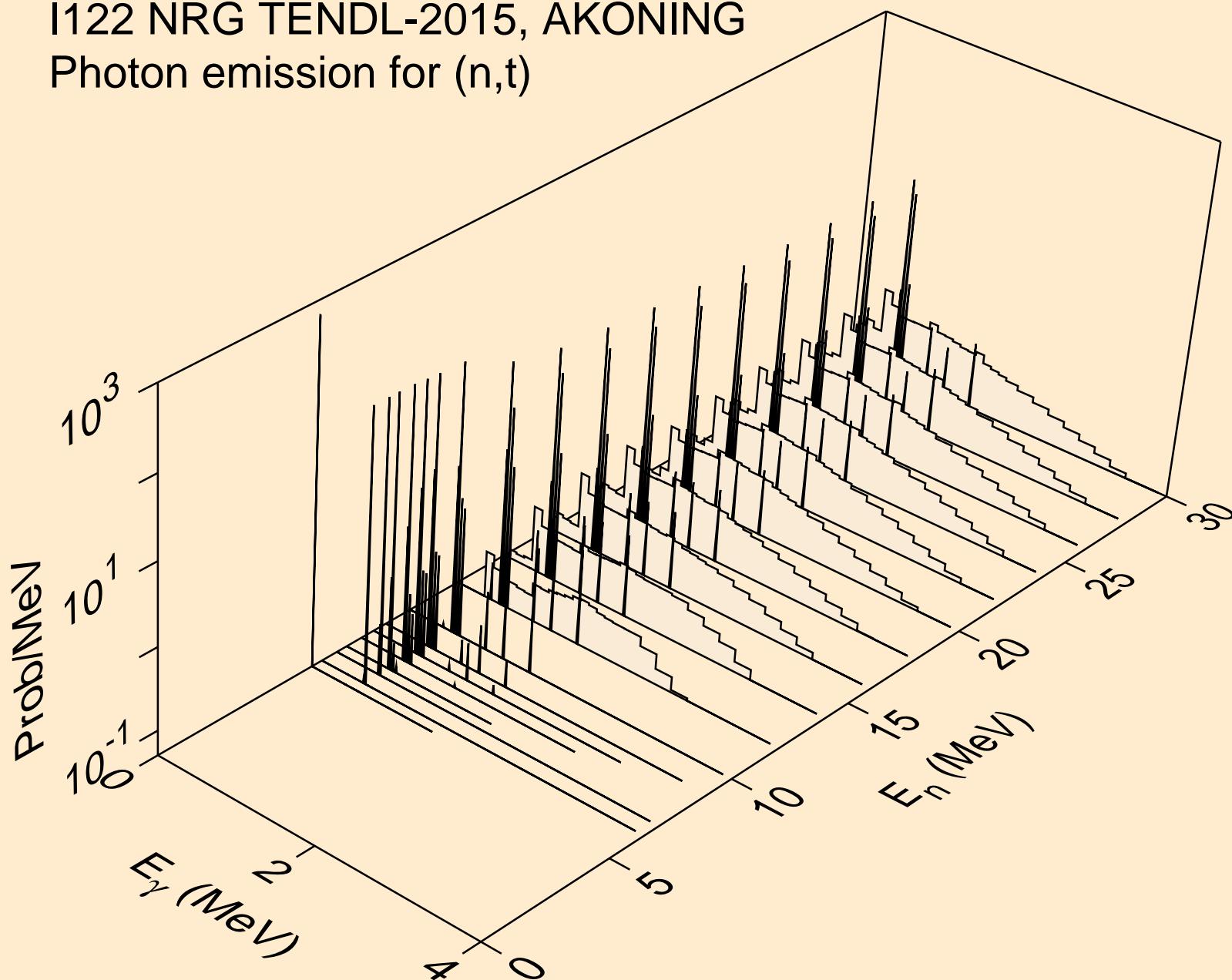
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



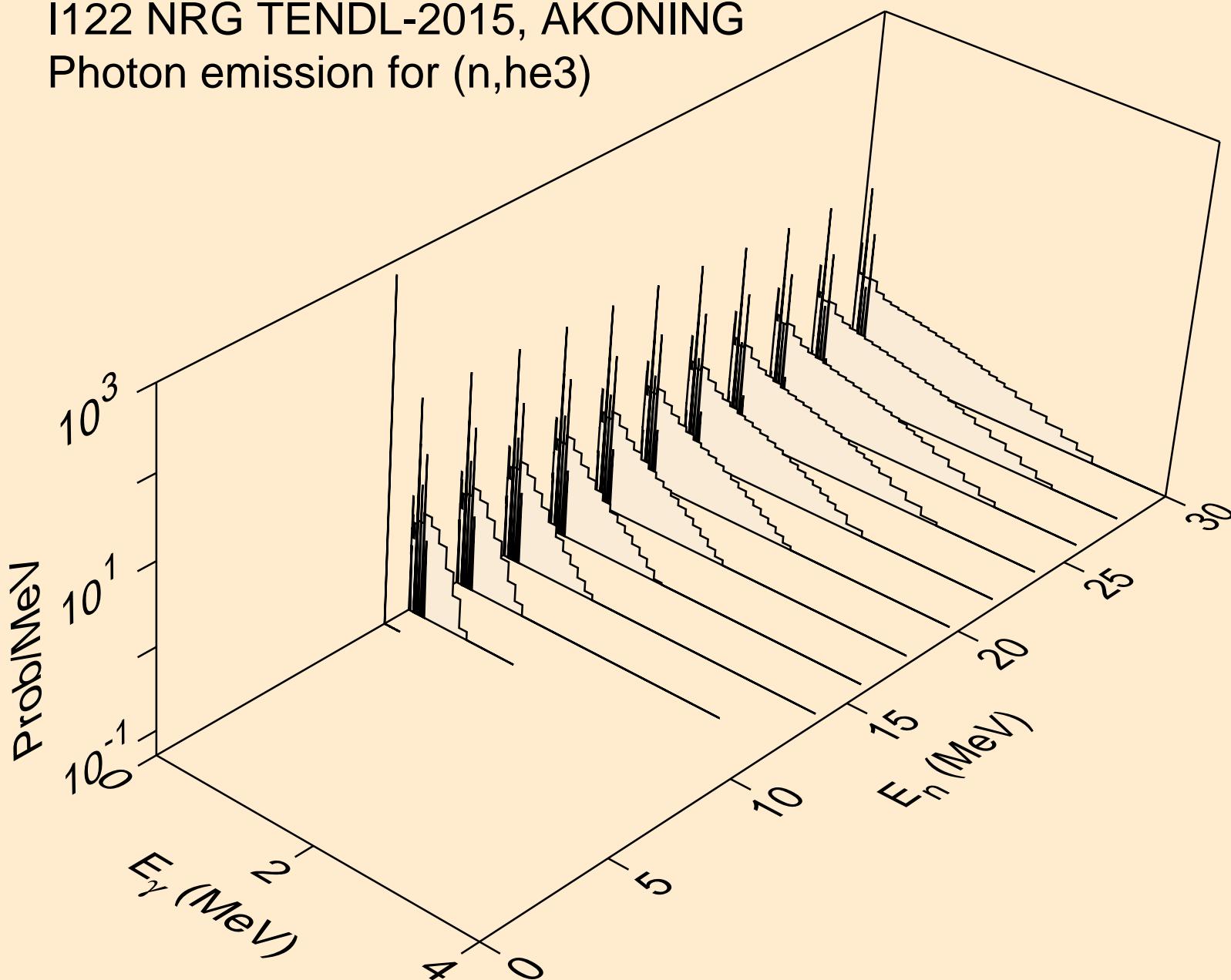
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



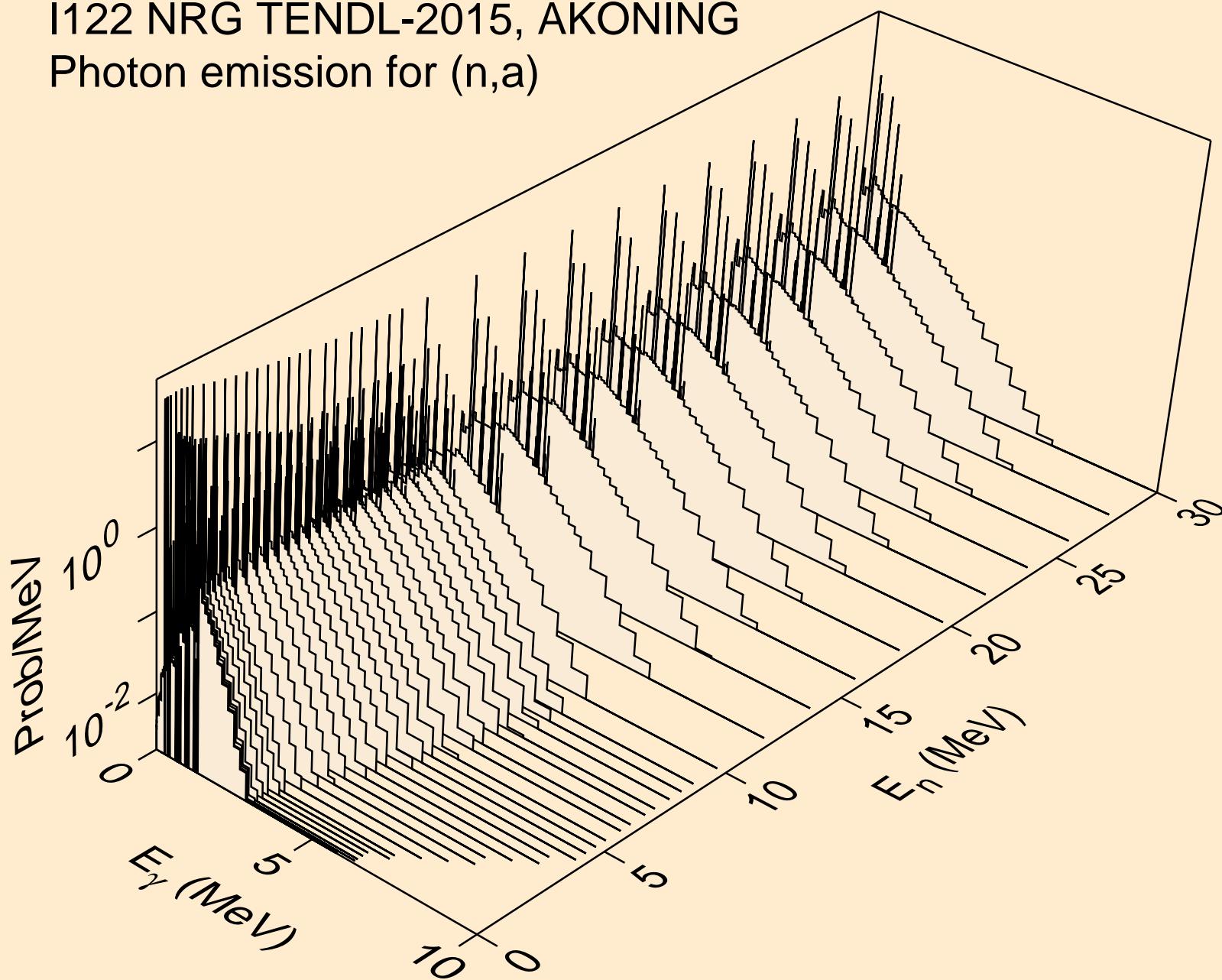
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



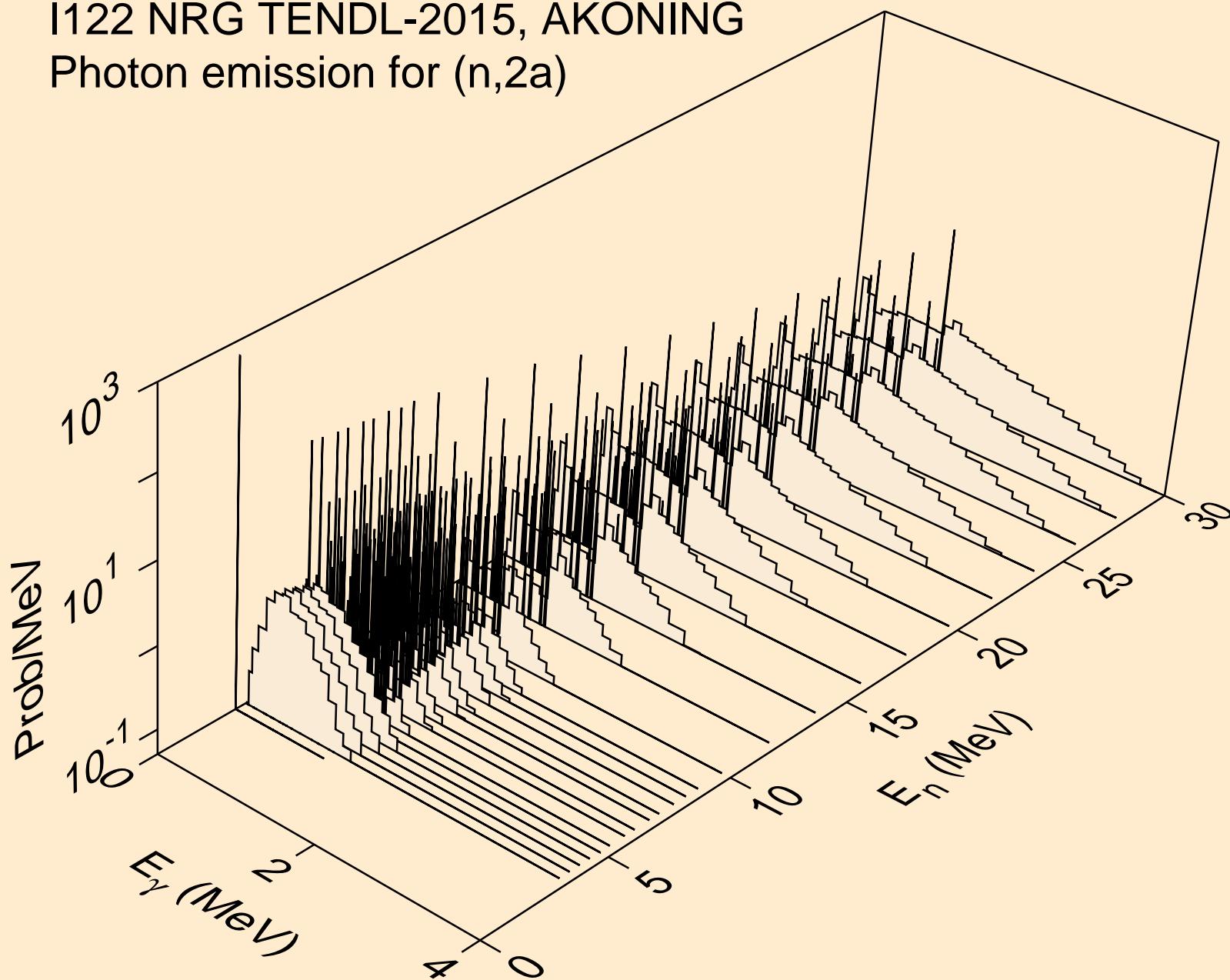
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



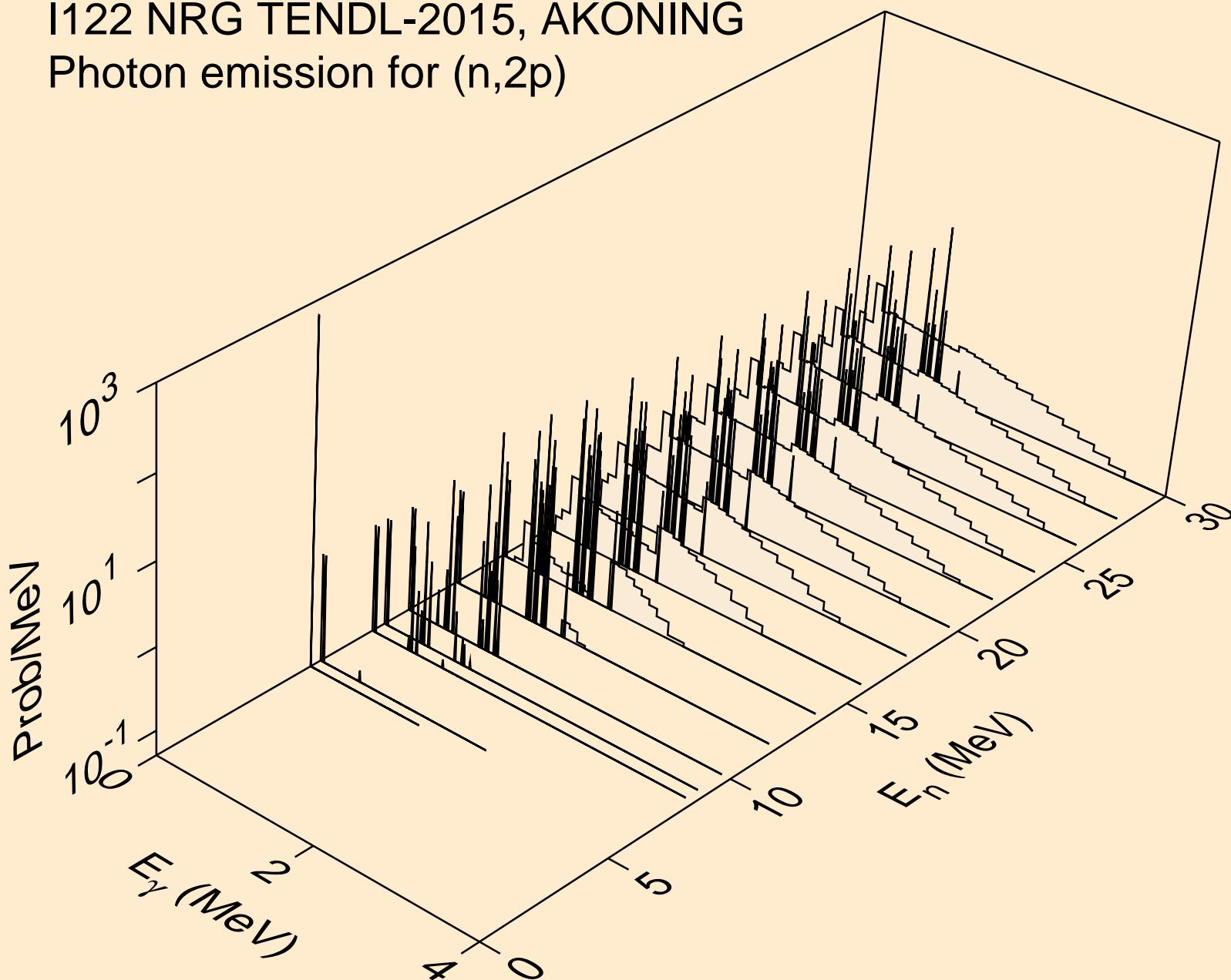
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



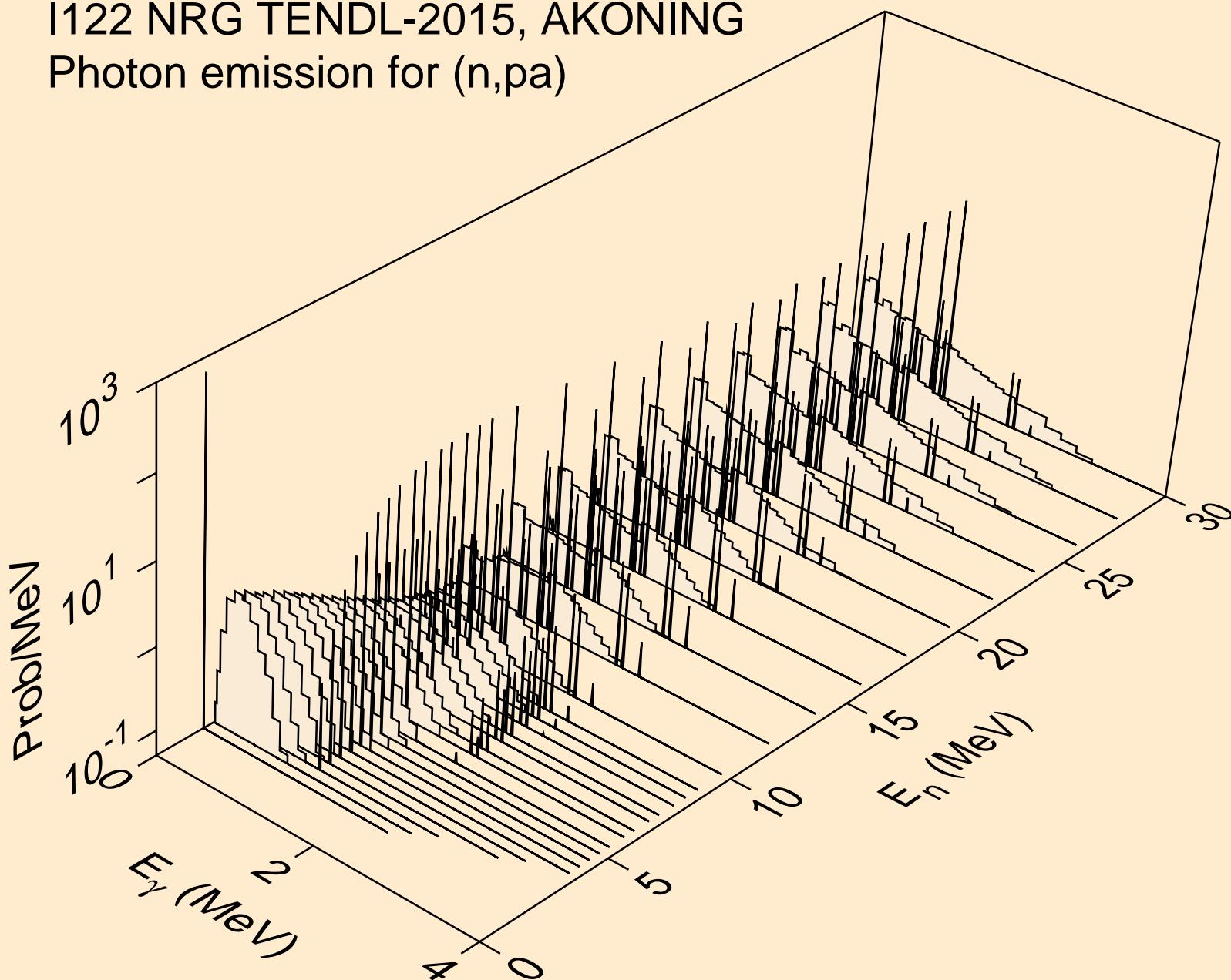
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Photon emission for (n,2a)



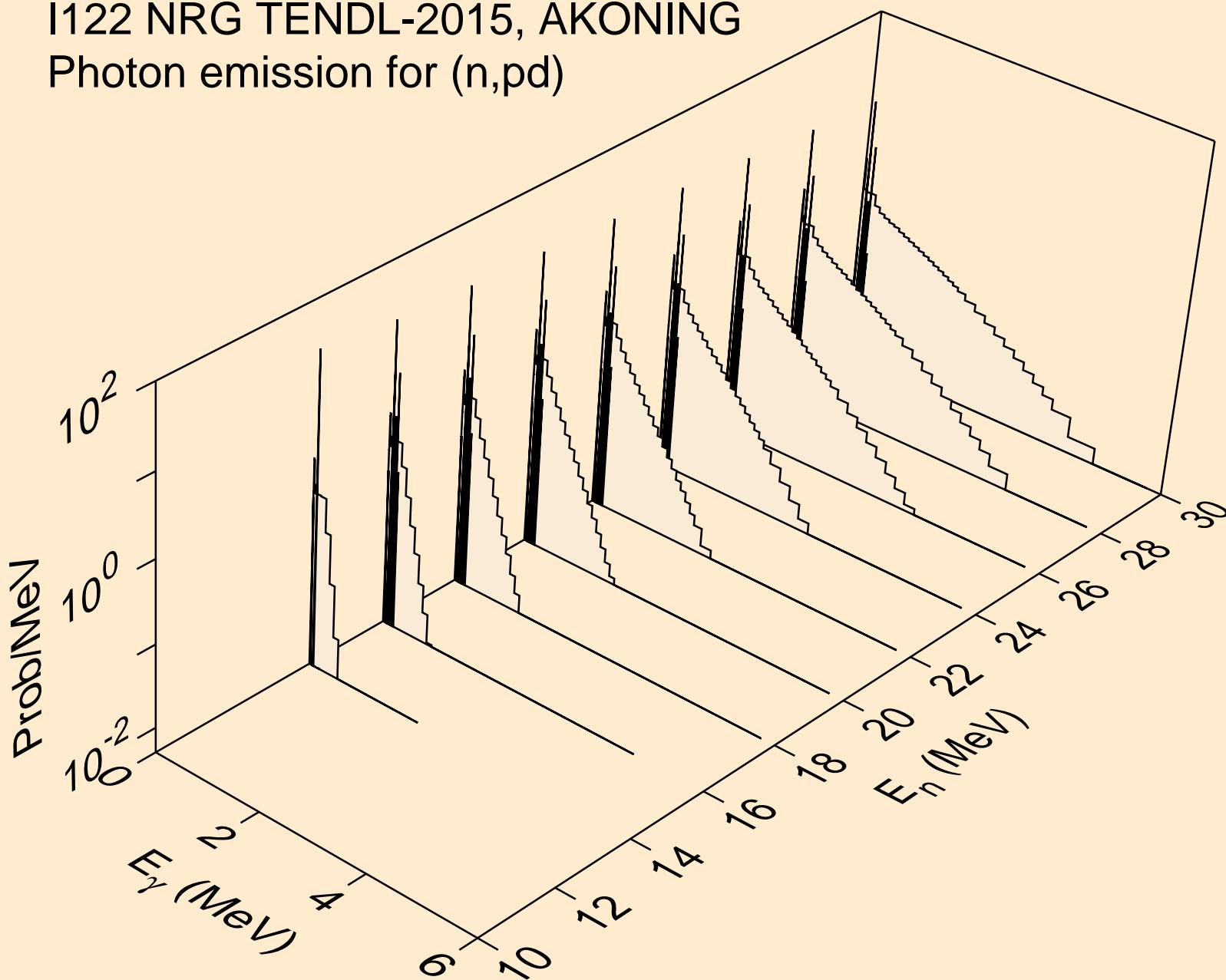
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Photon emission for (n,2p)



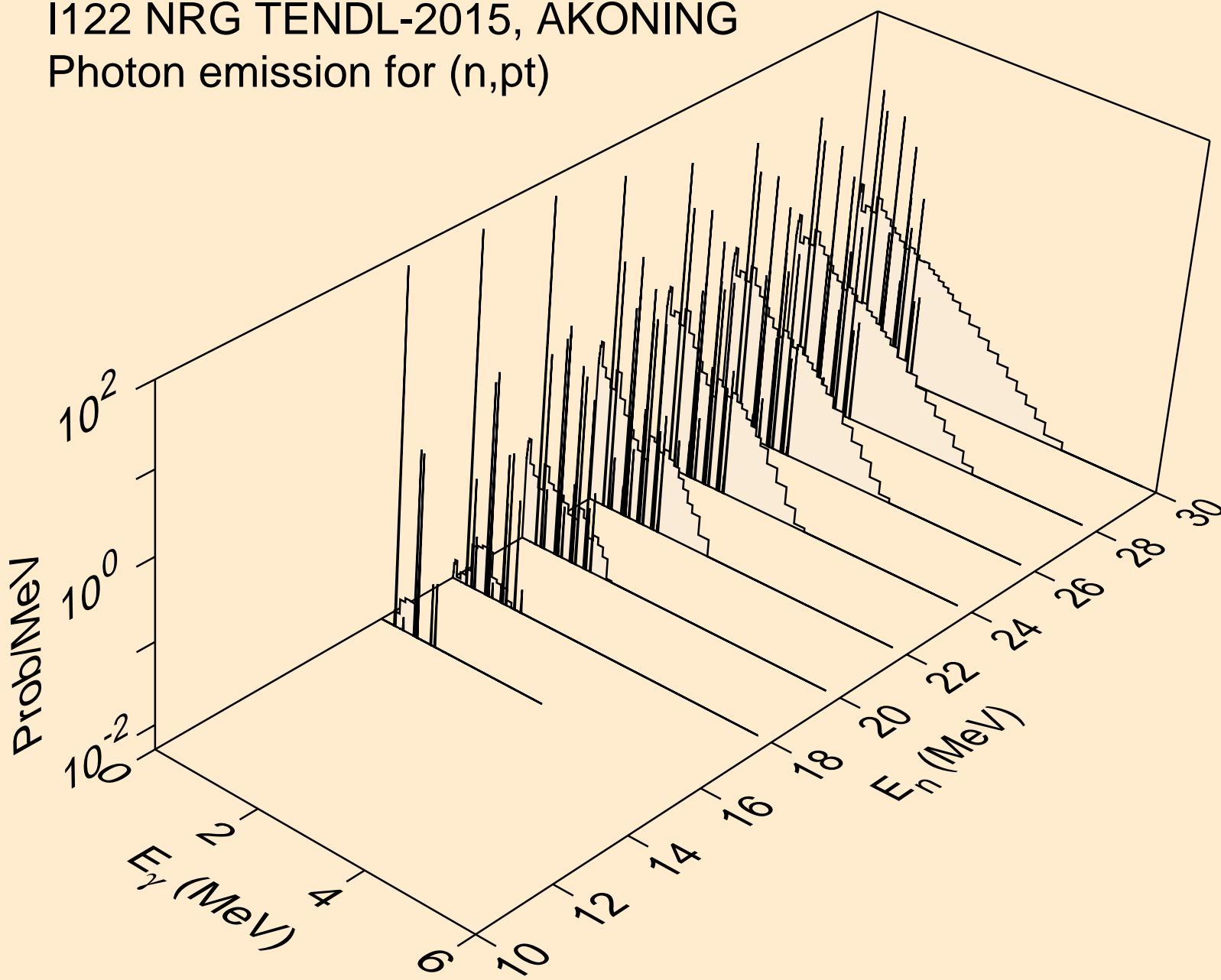
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



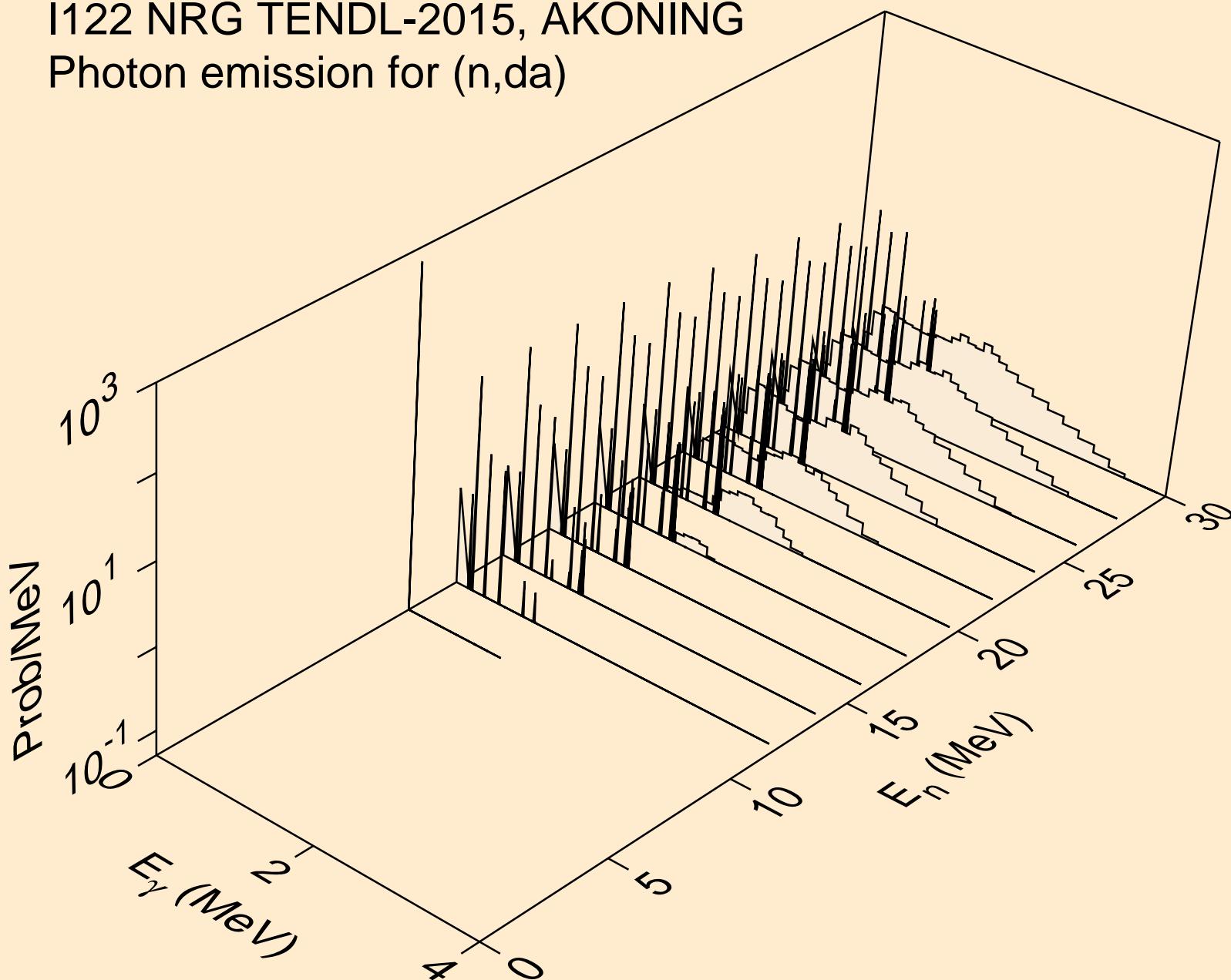
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



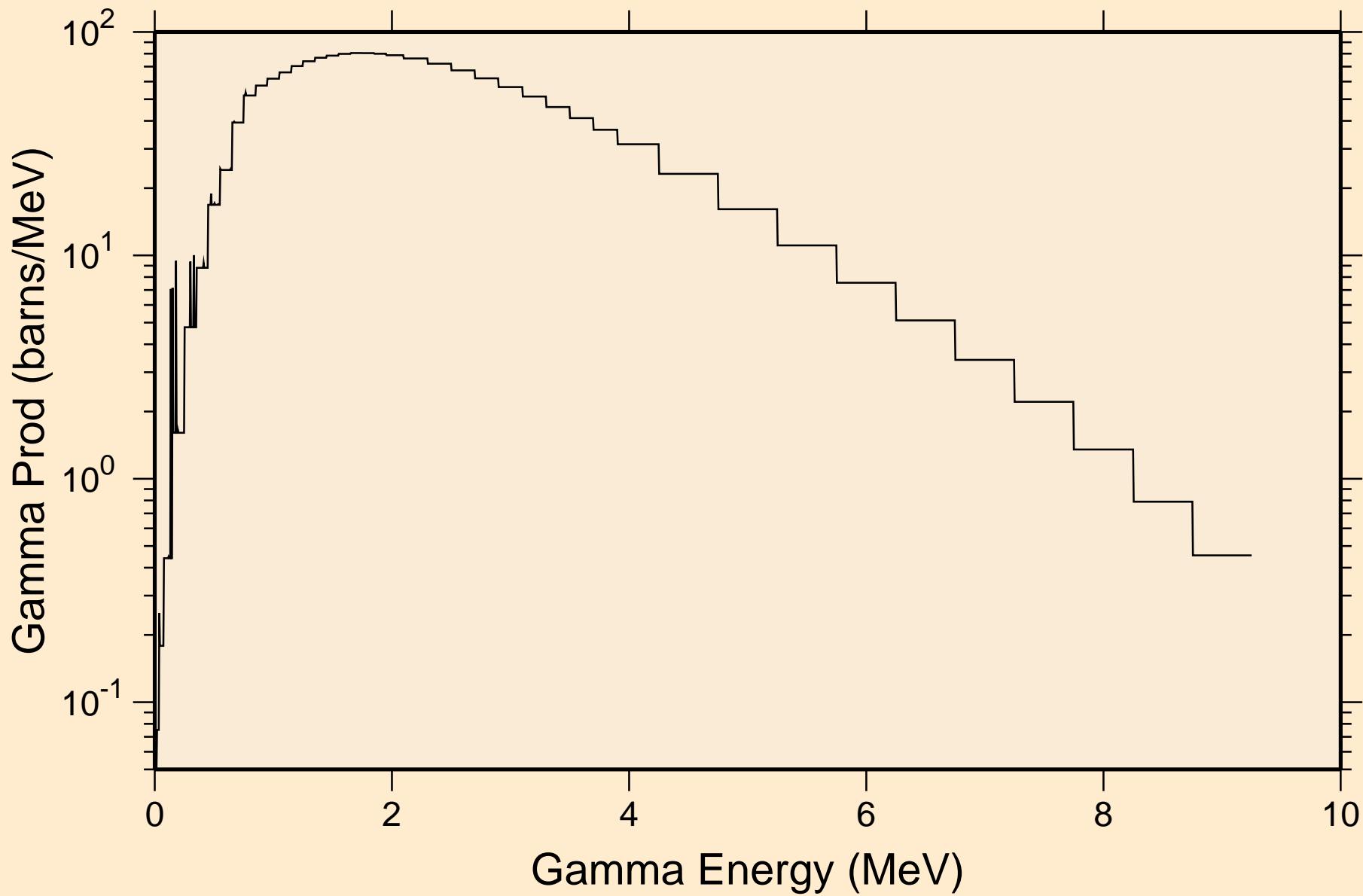
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



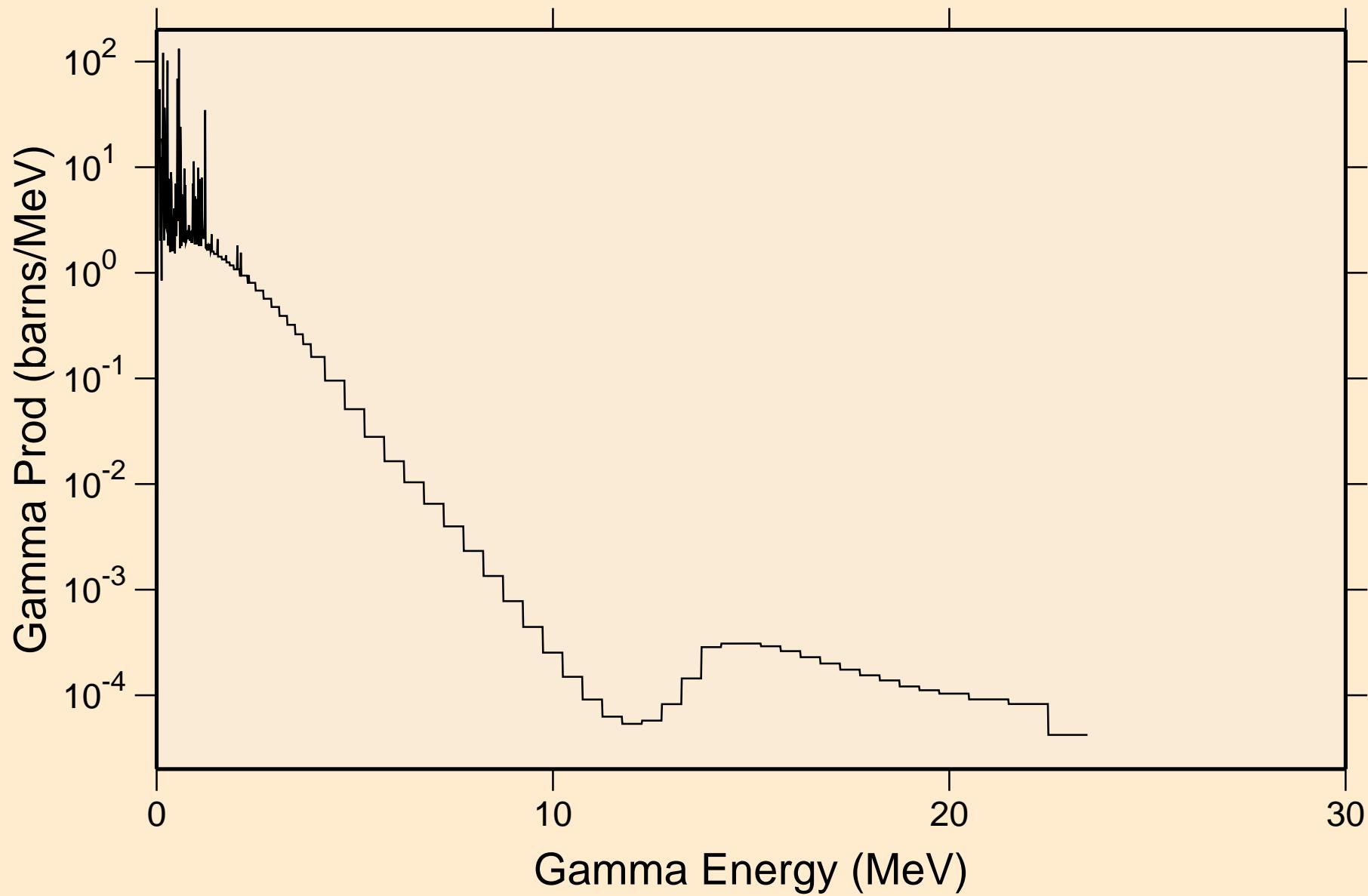
I122 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



I122 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

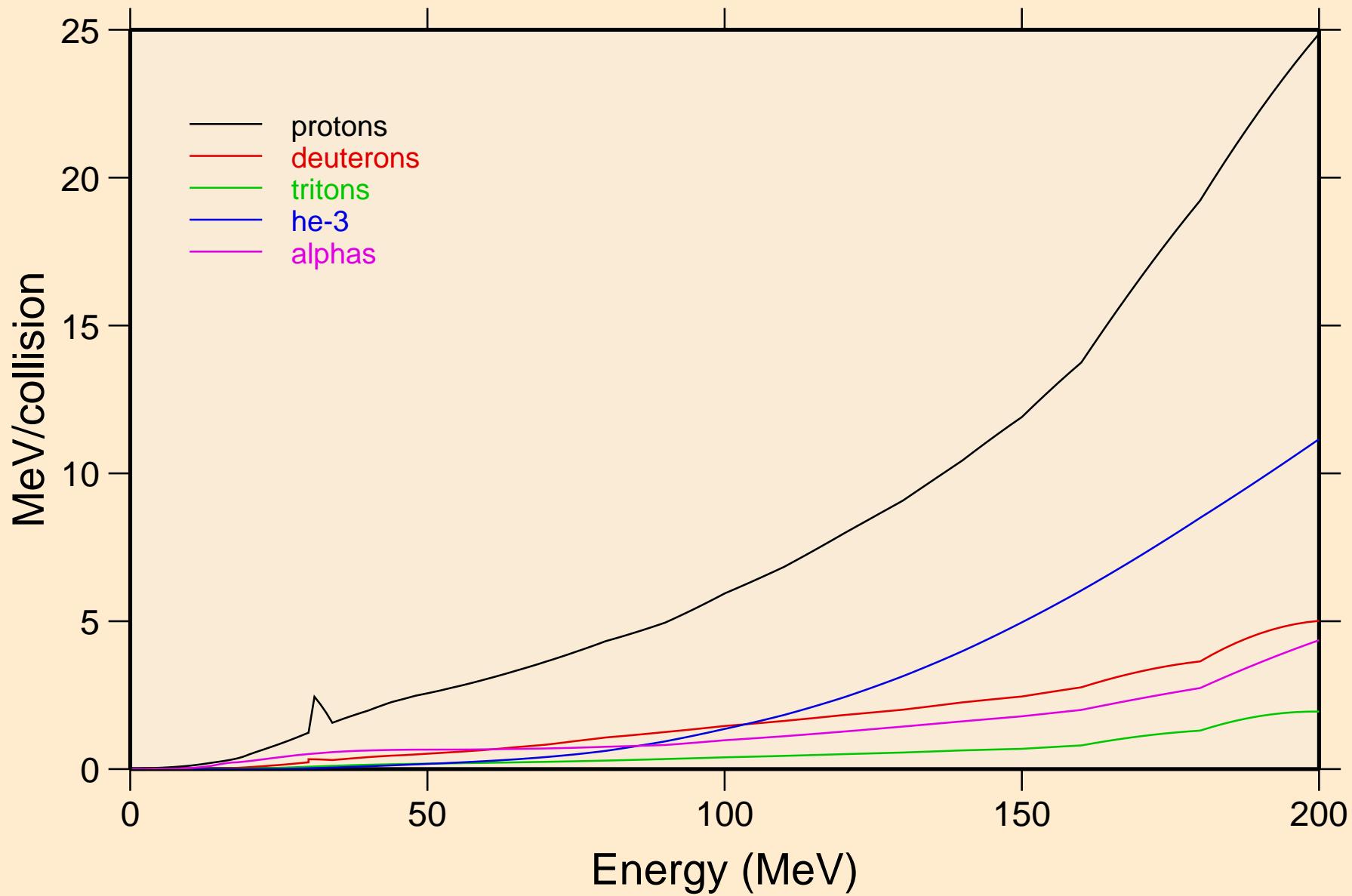


I122 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



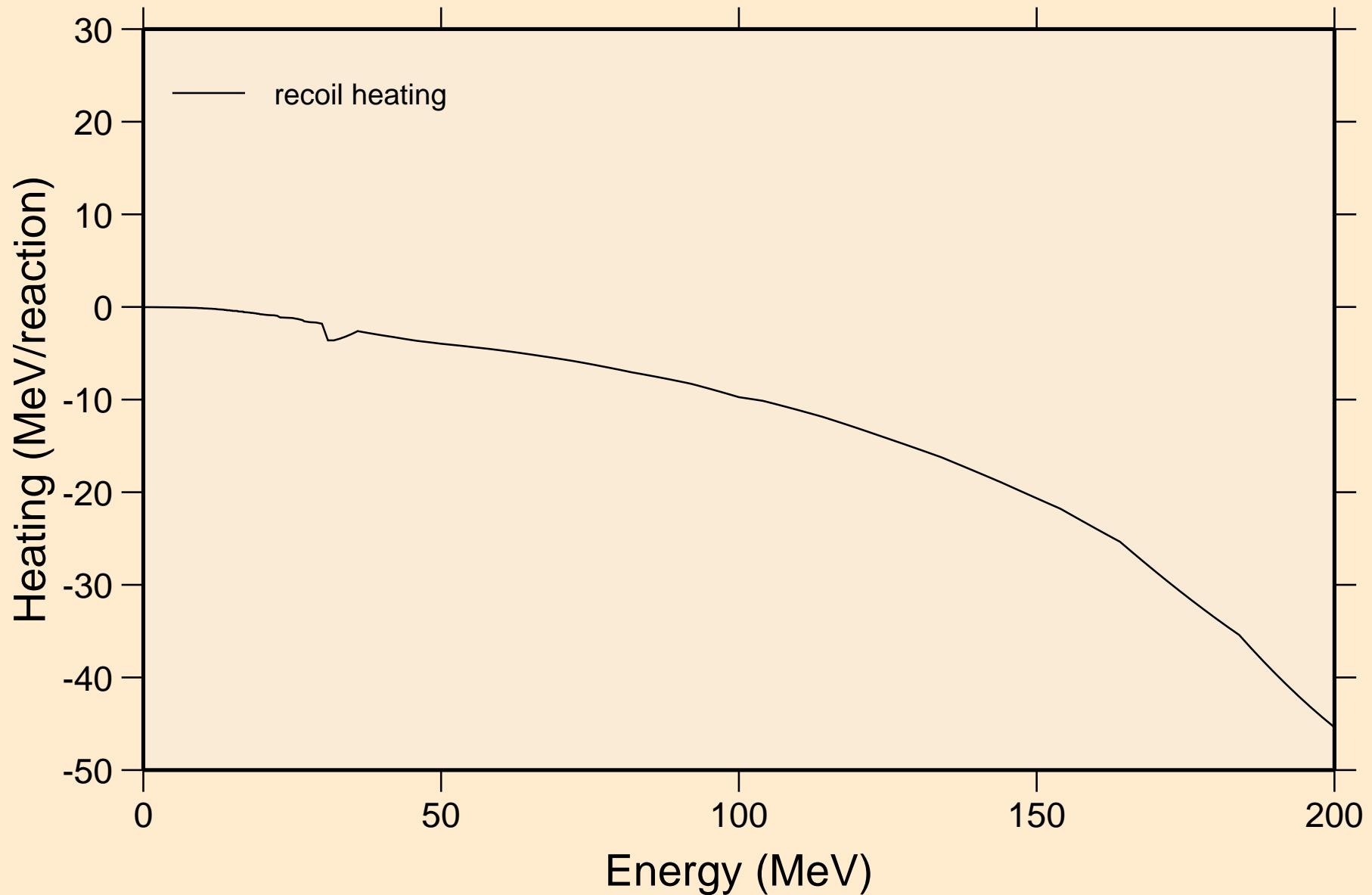
# I122 NRG TENDL-2015, AKONING

## Particle heating contributions



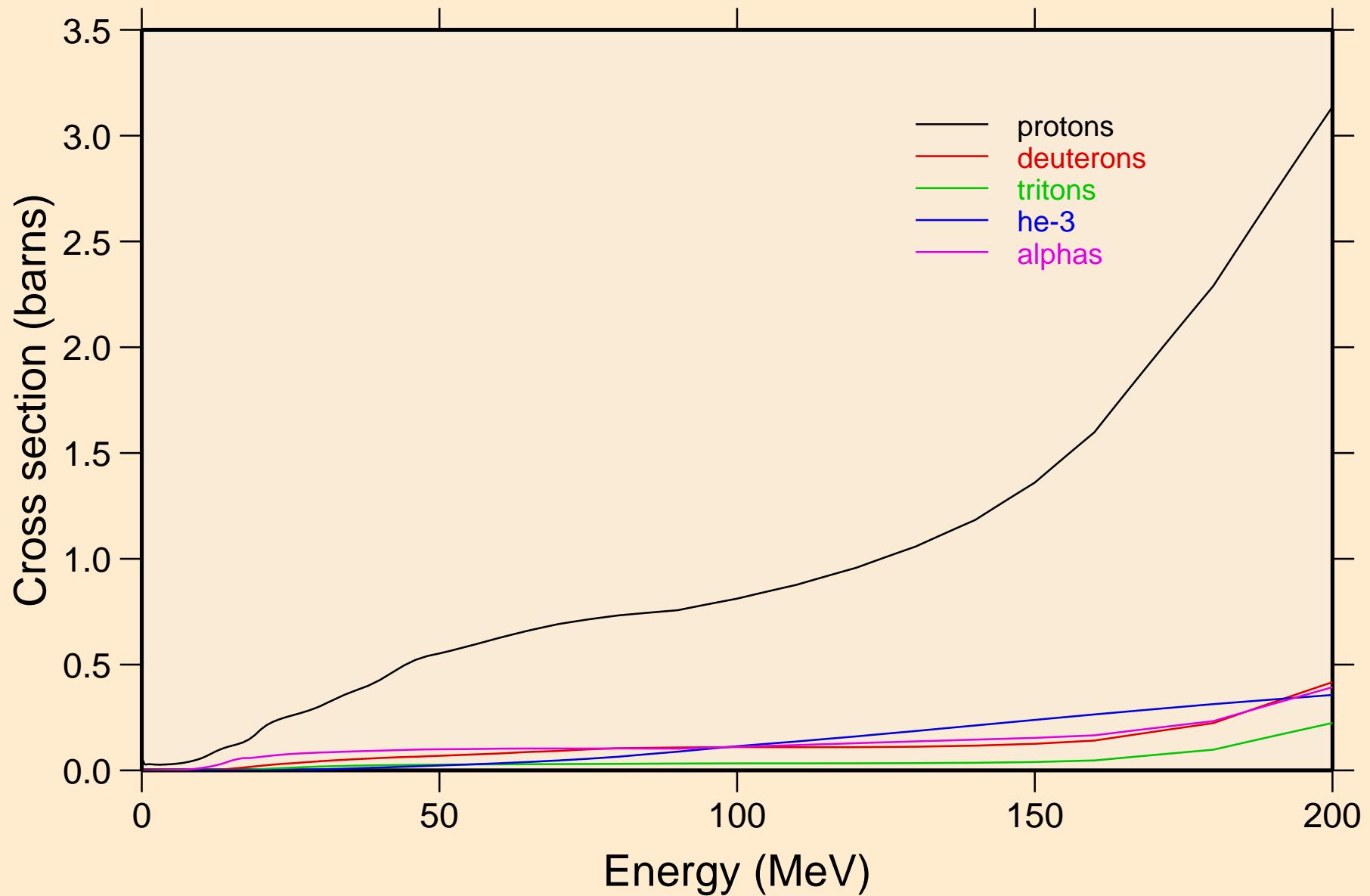
# I122 NRG TENDL-2015, AKONING

## Recoil Heating

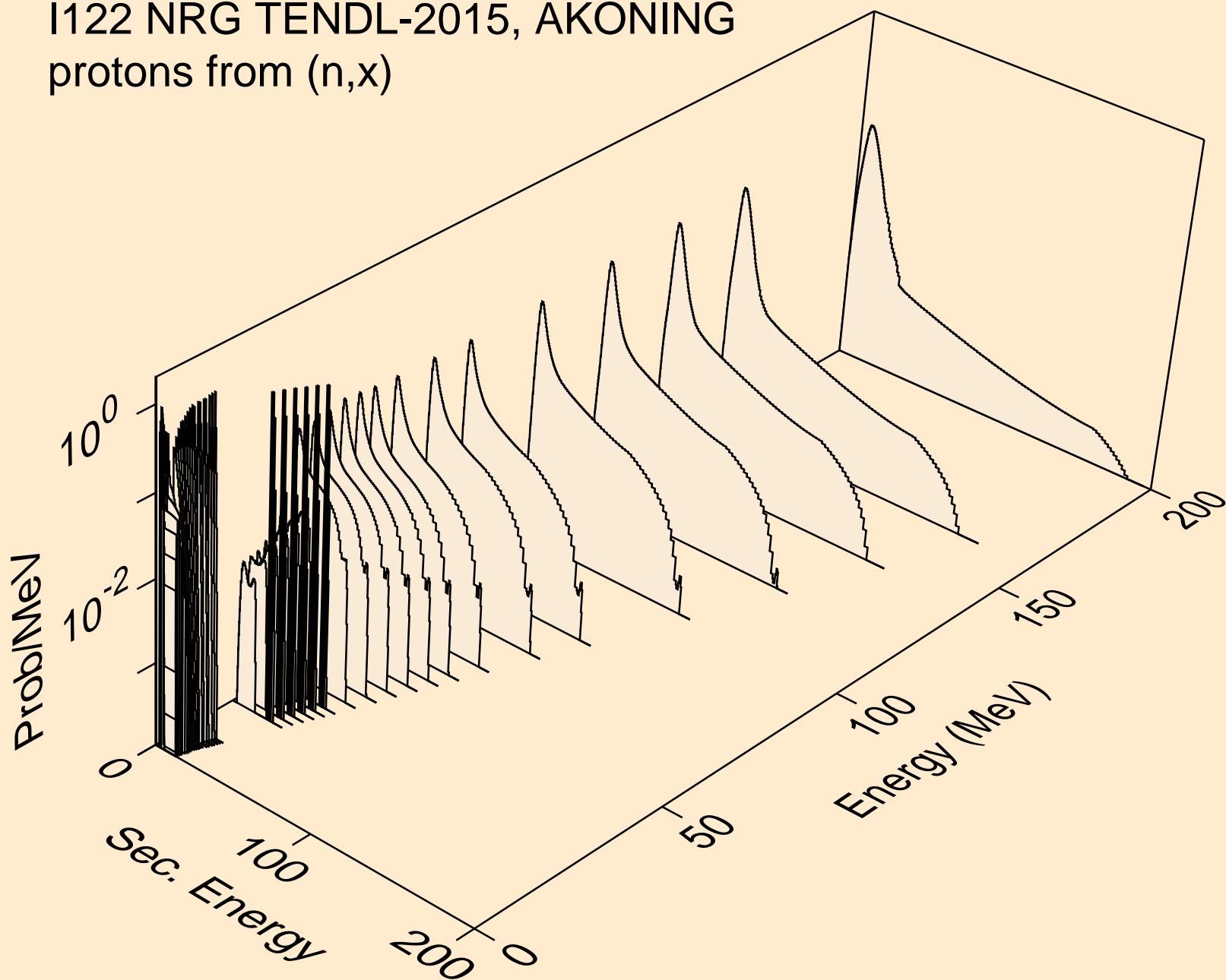


# I122 NRG TENDL-2015, AKONING

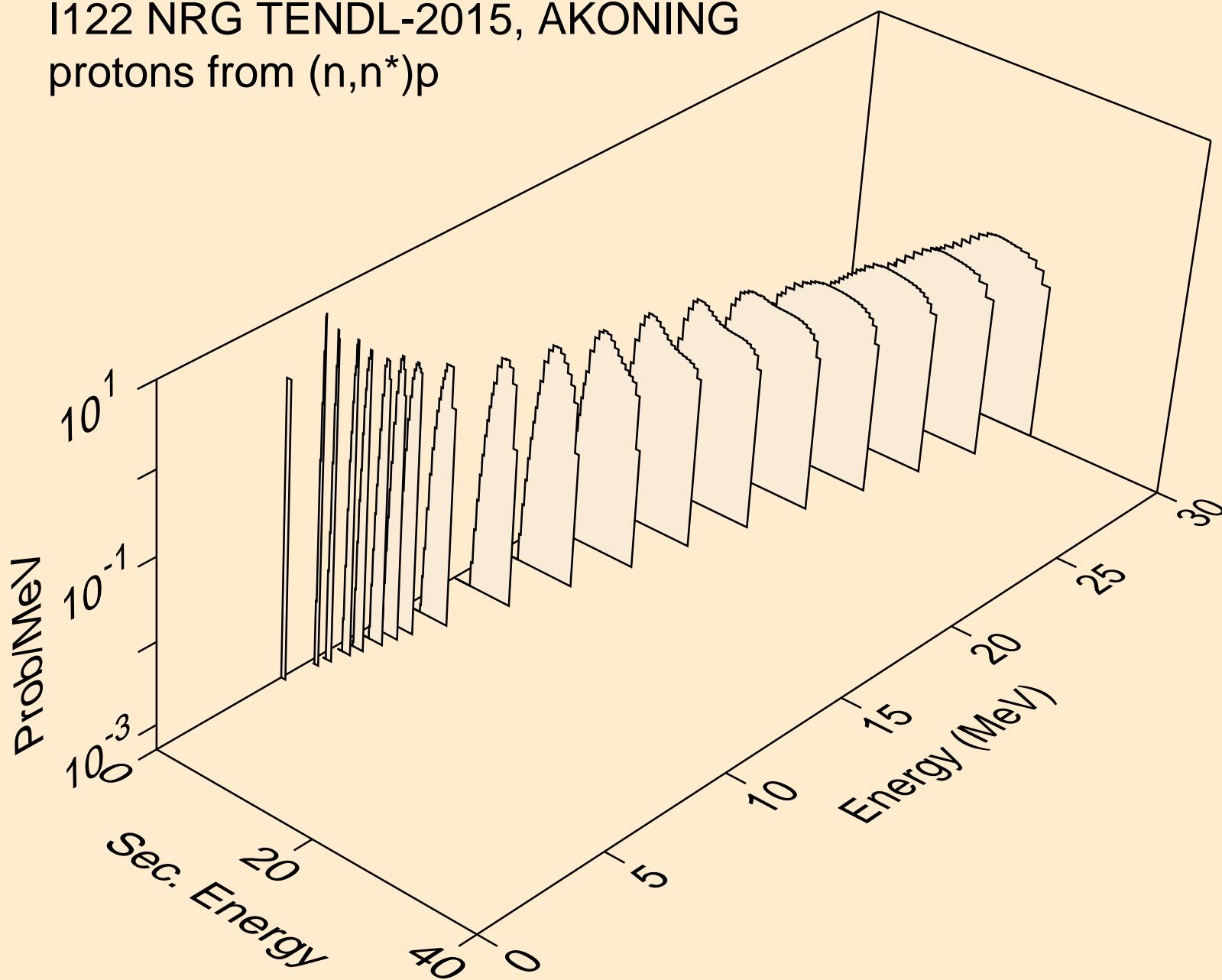
## Particle production cross sections



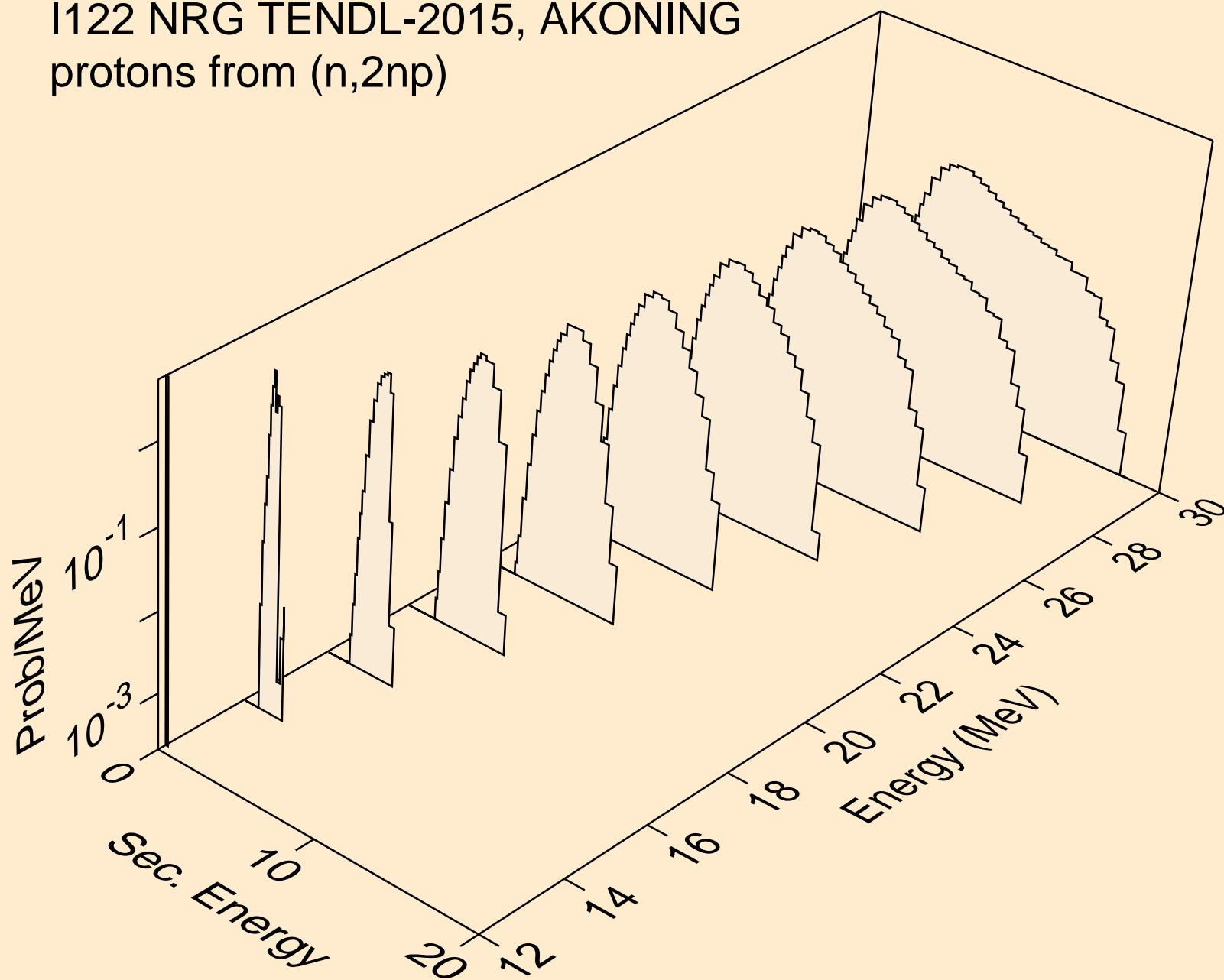
I122 NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



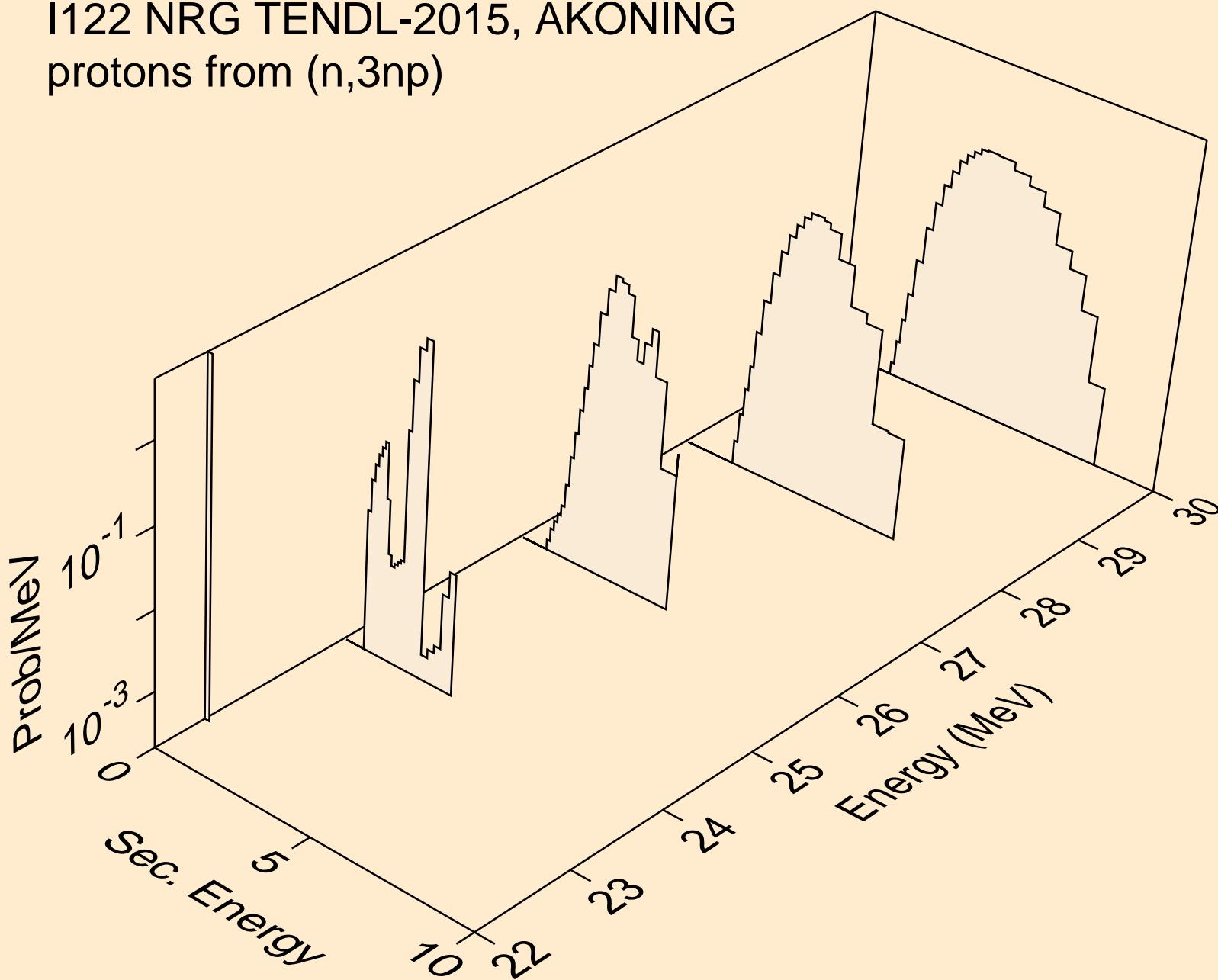
I122 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



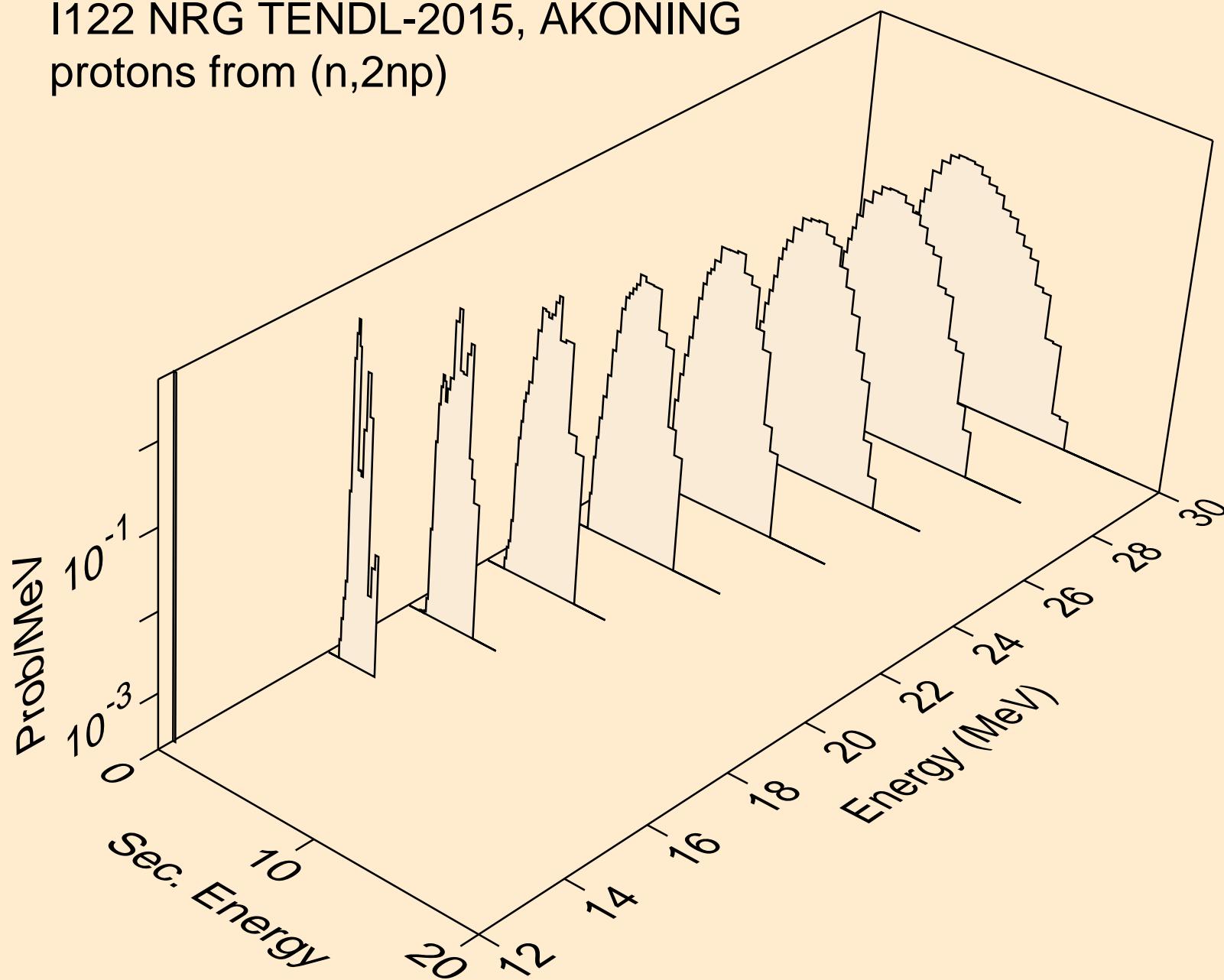
I122 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



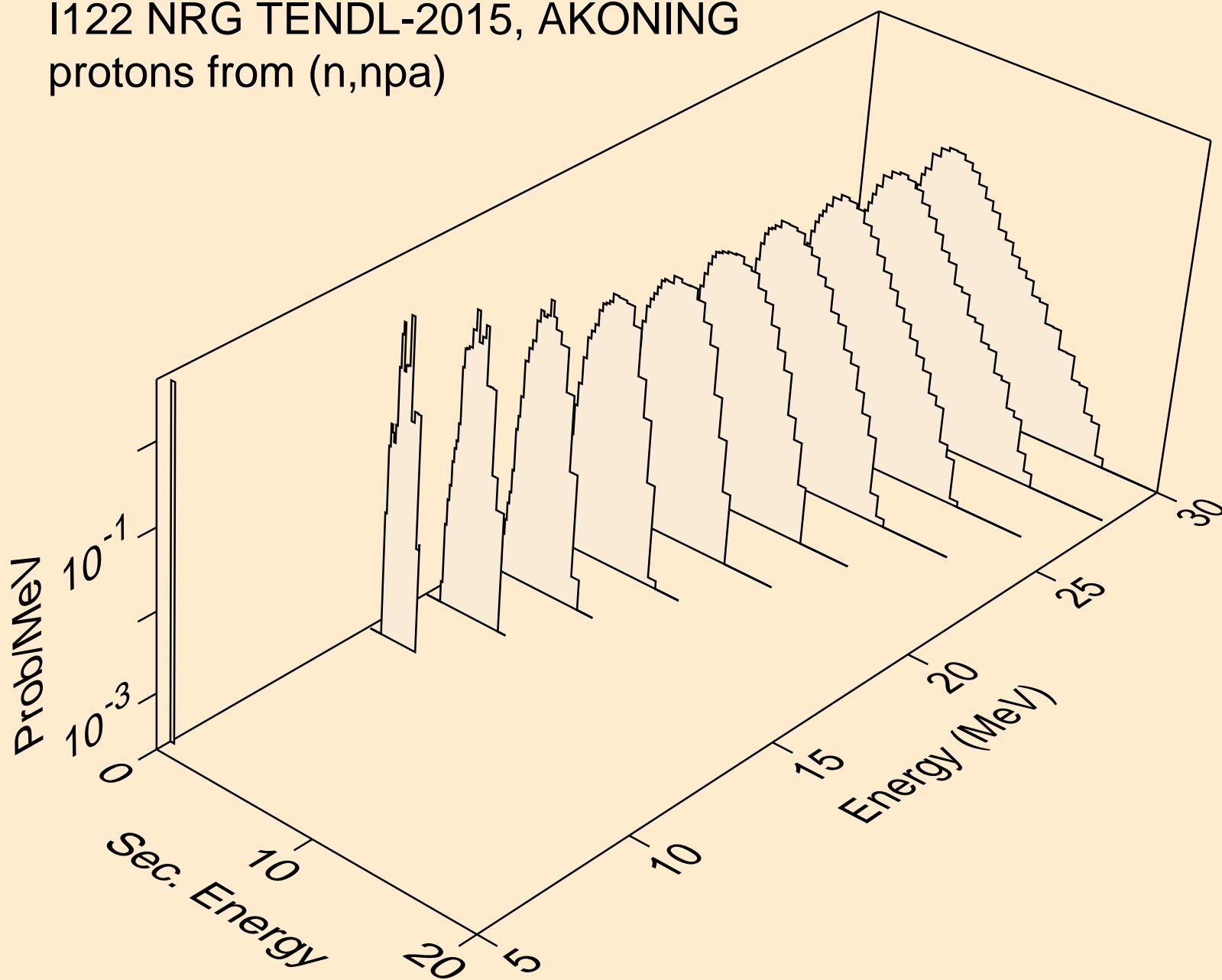
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protons from ( $n, 3np$ )



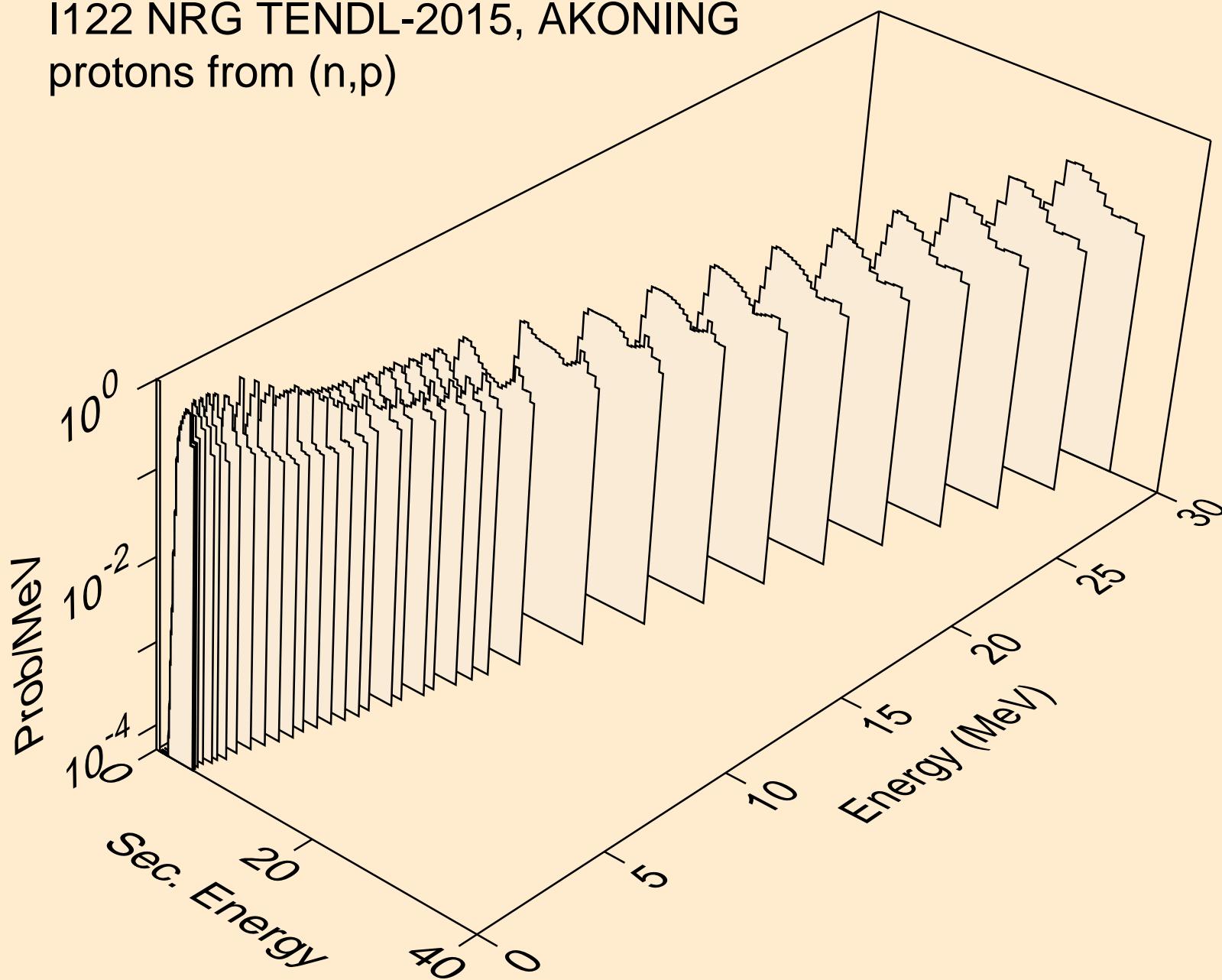
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protons from ( $n,2np$ )



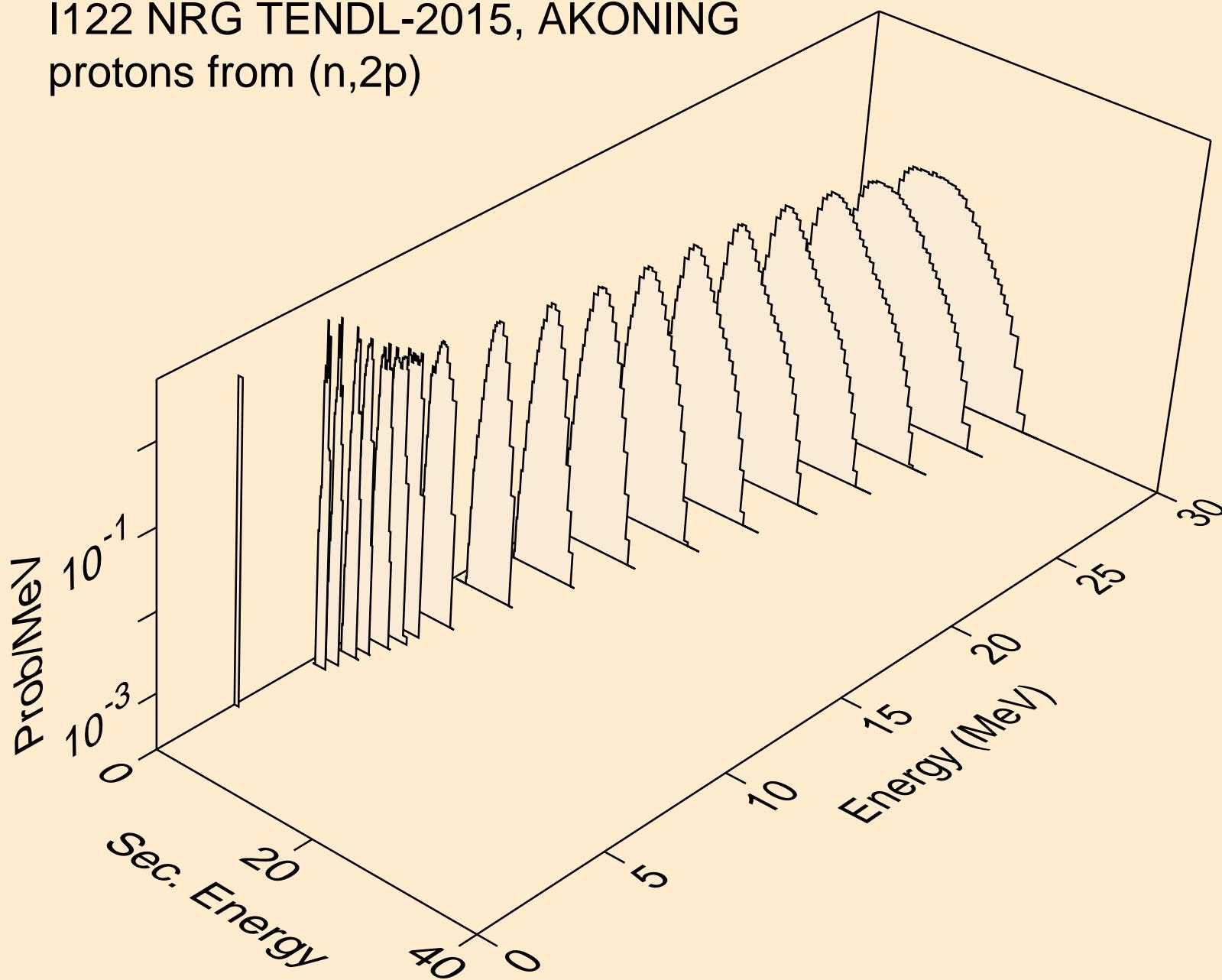
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protons from (n,npa)



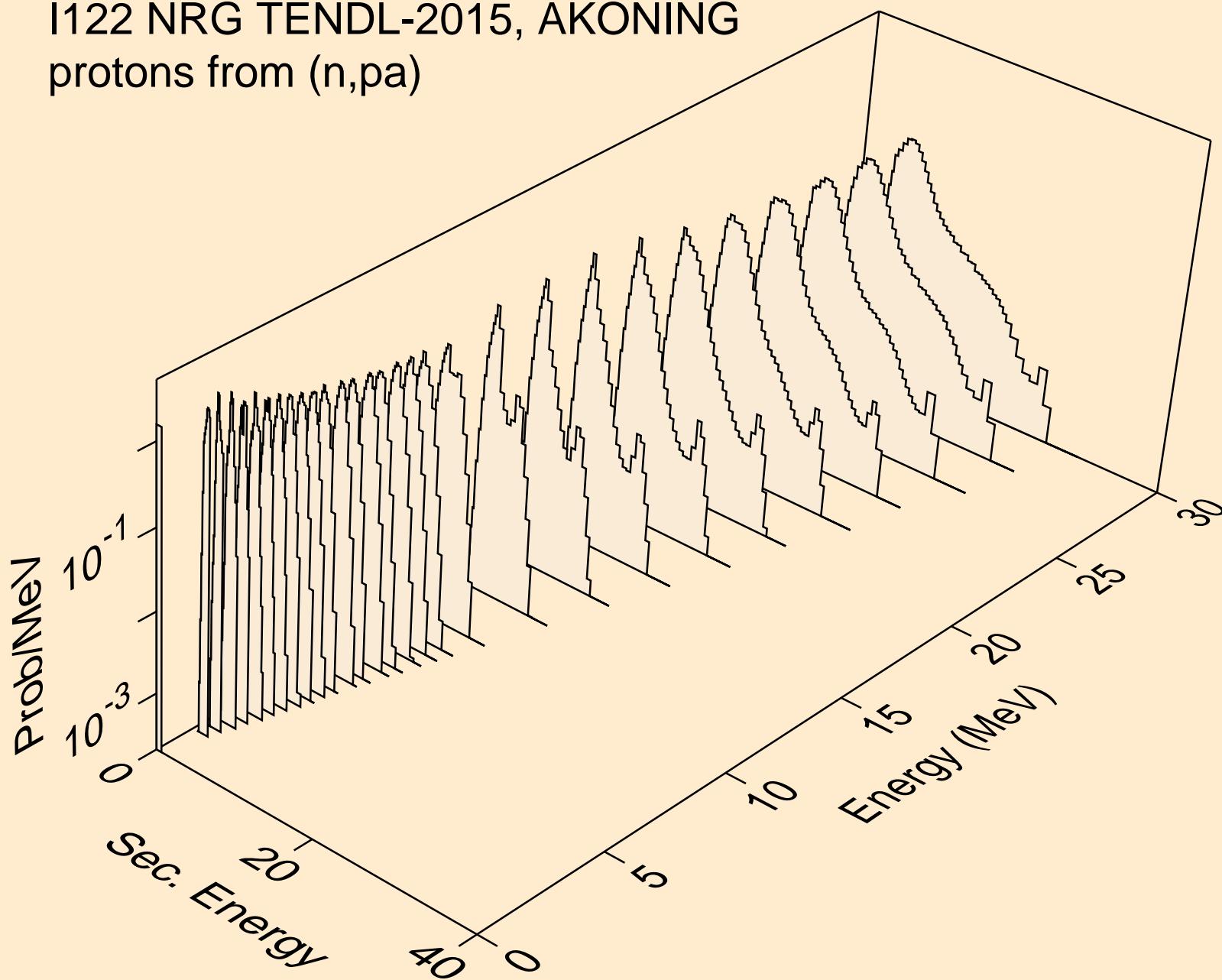
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protons from (n,p)



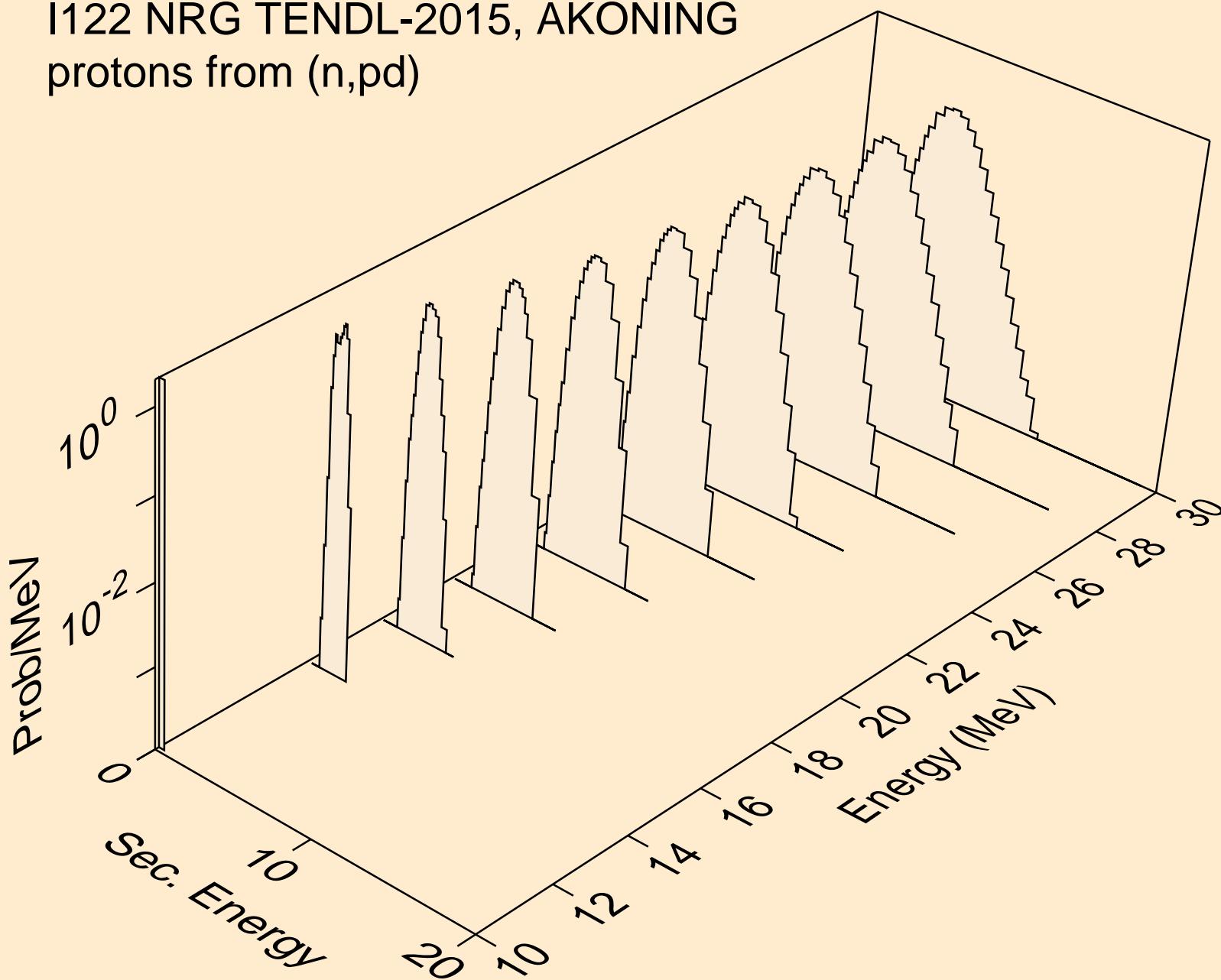
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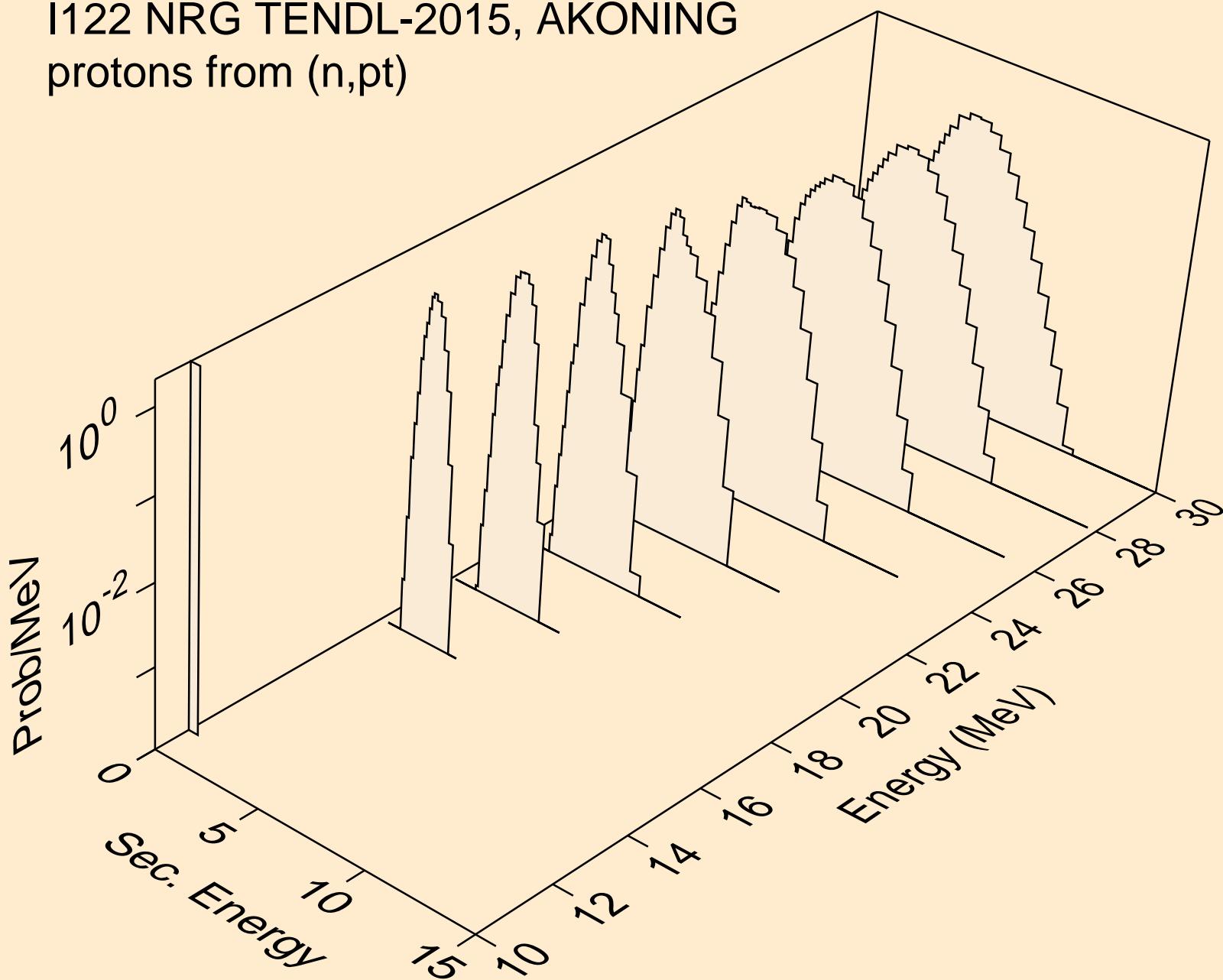
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protons from (n,pa)



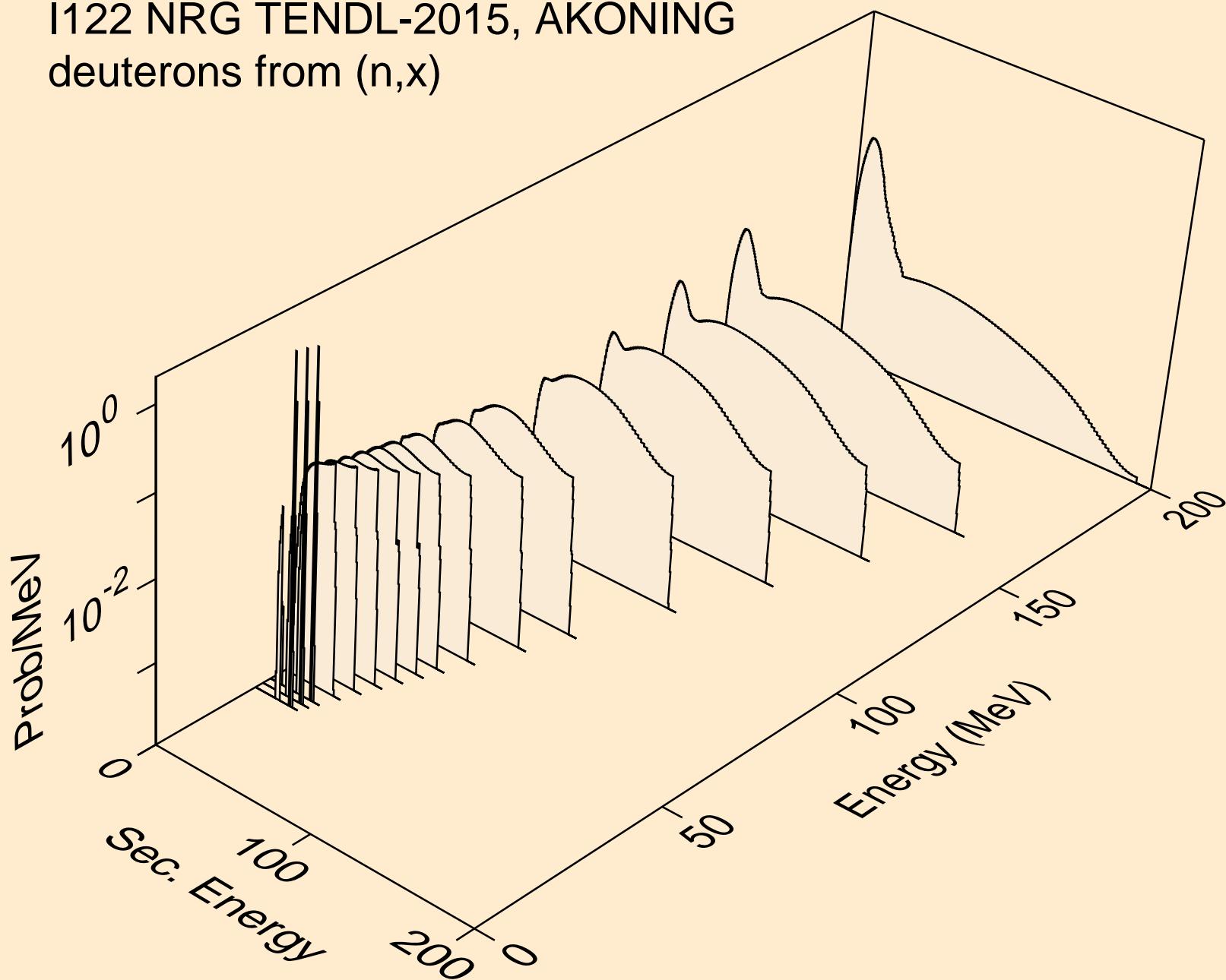
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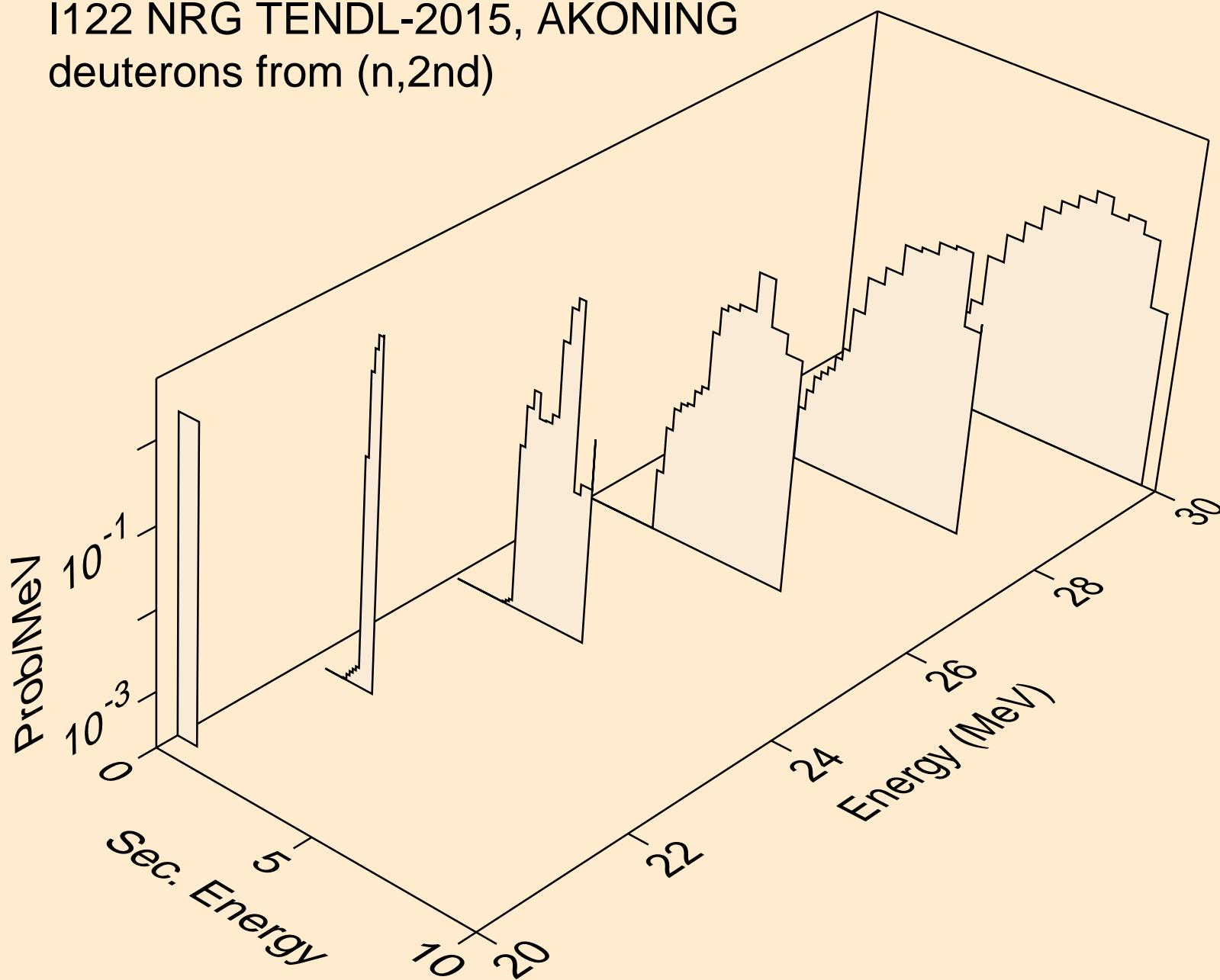
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protons from (n,pt)



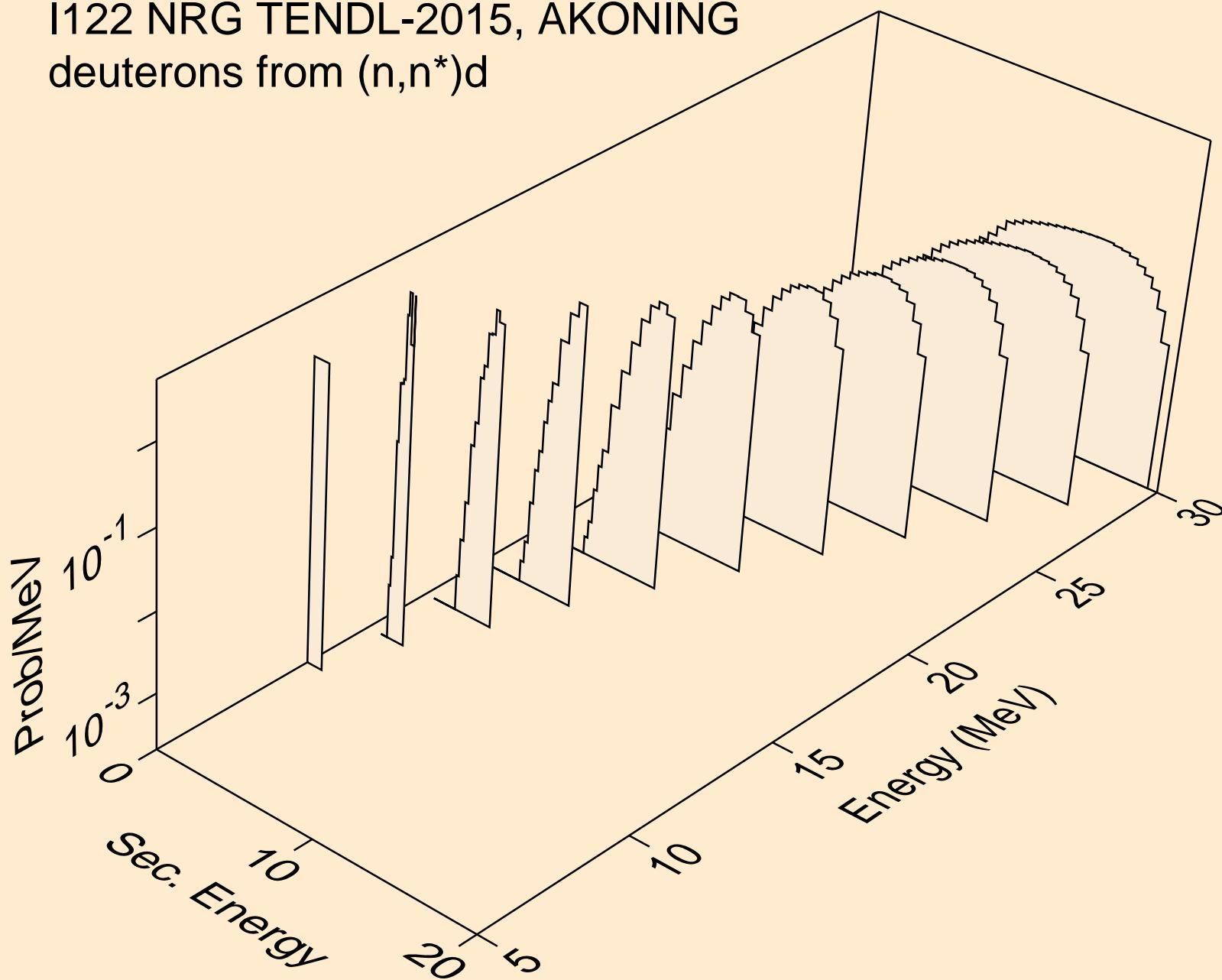
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deuterons from ( $n, x$ )



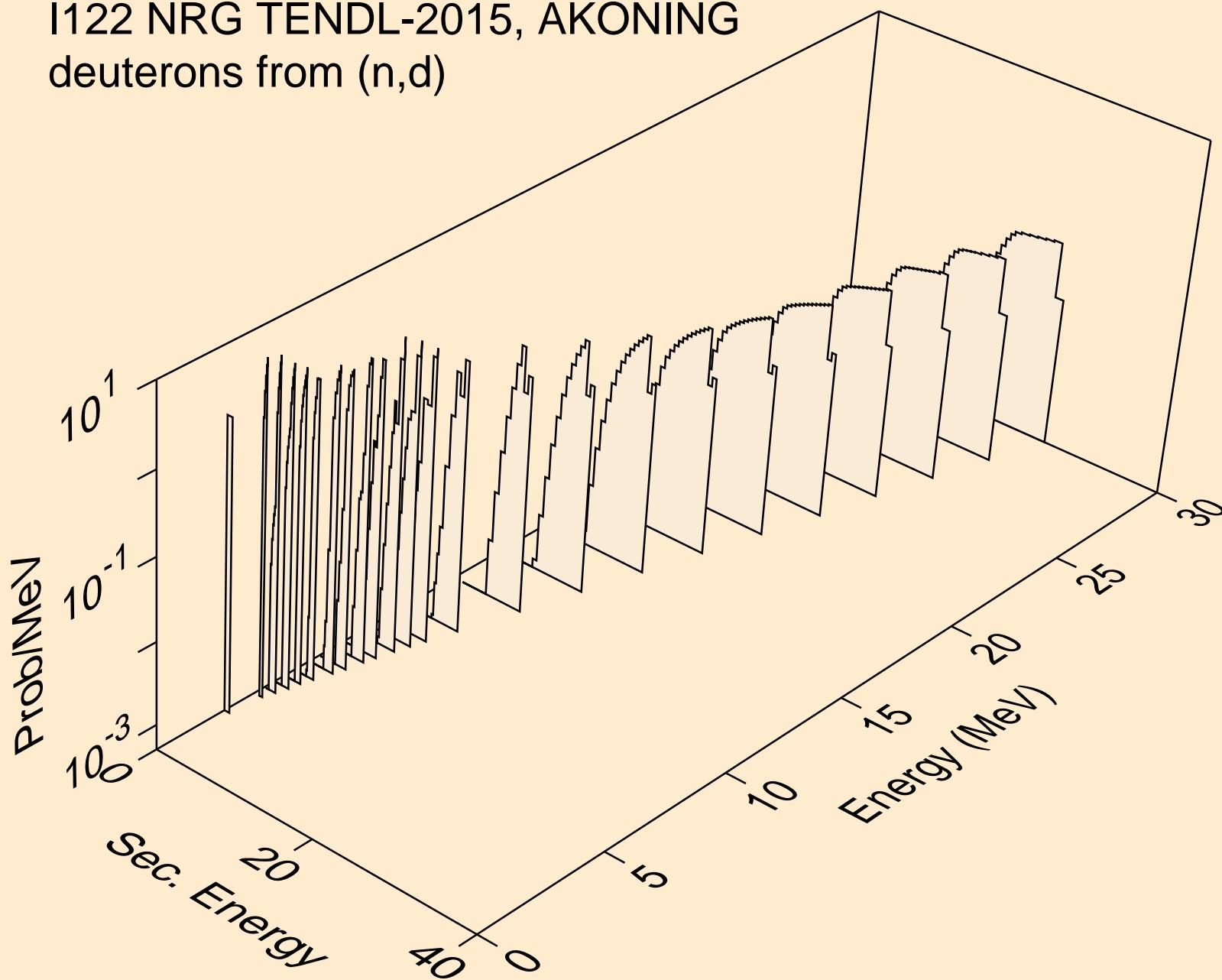
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deuterons from ( $n,2nd$ )



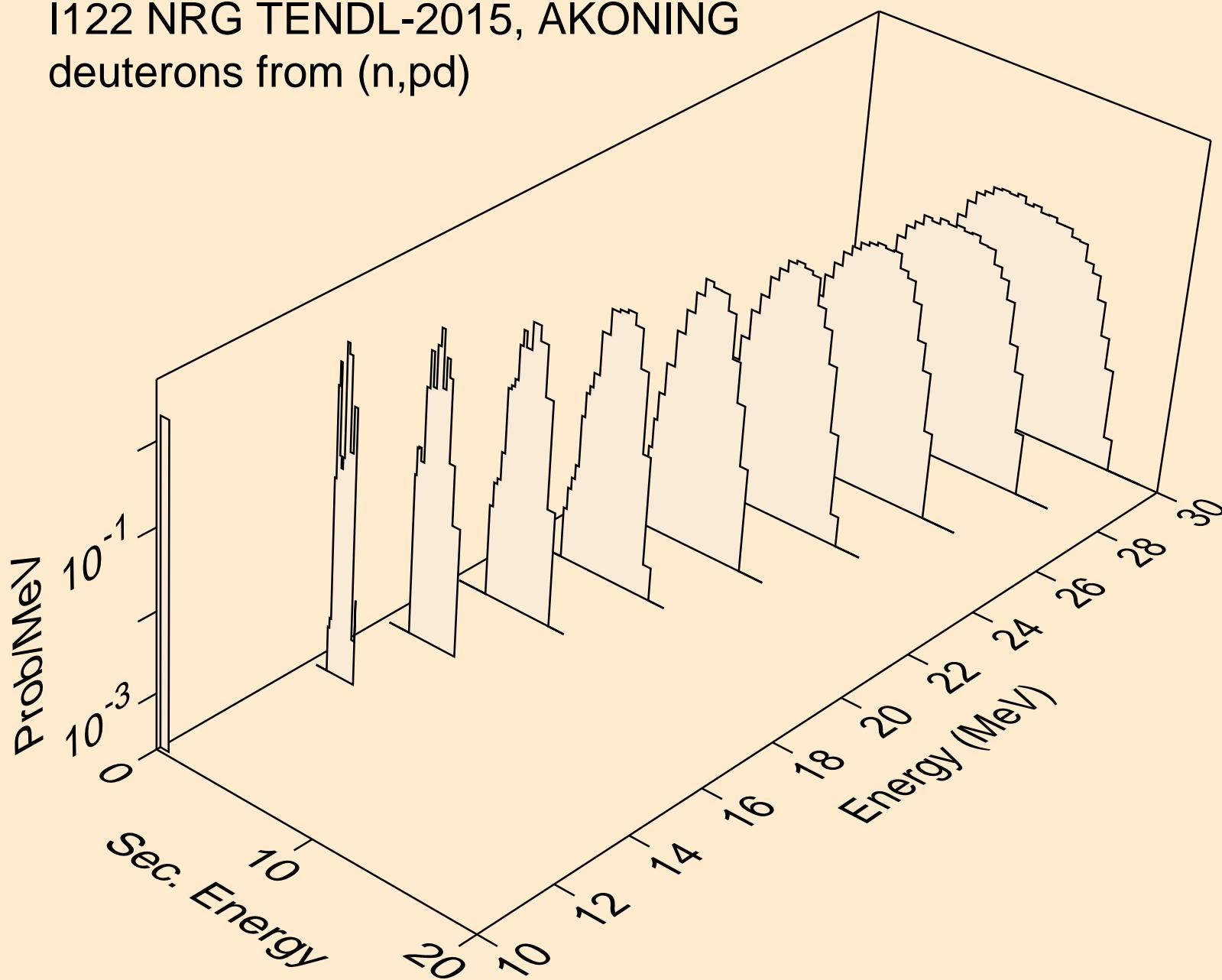
I122 NRG TENDL-2015, AKONING  
deuterons from ( $n, n^*$ )d



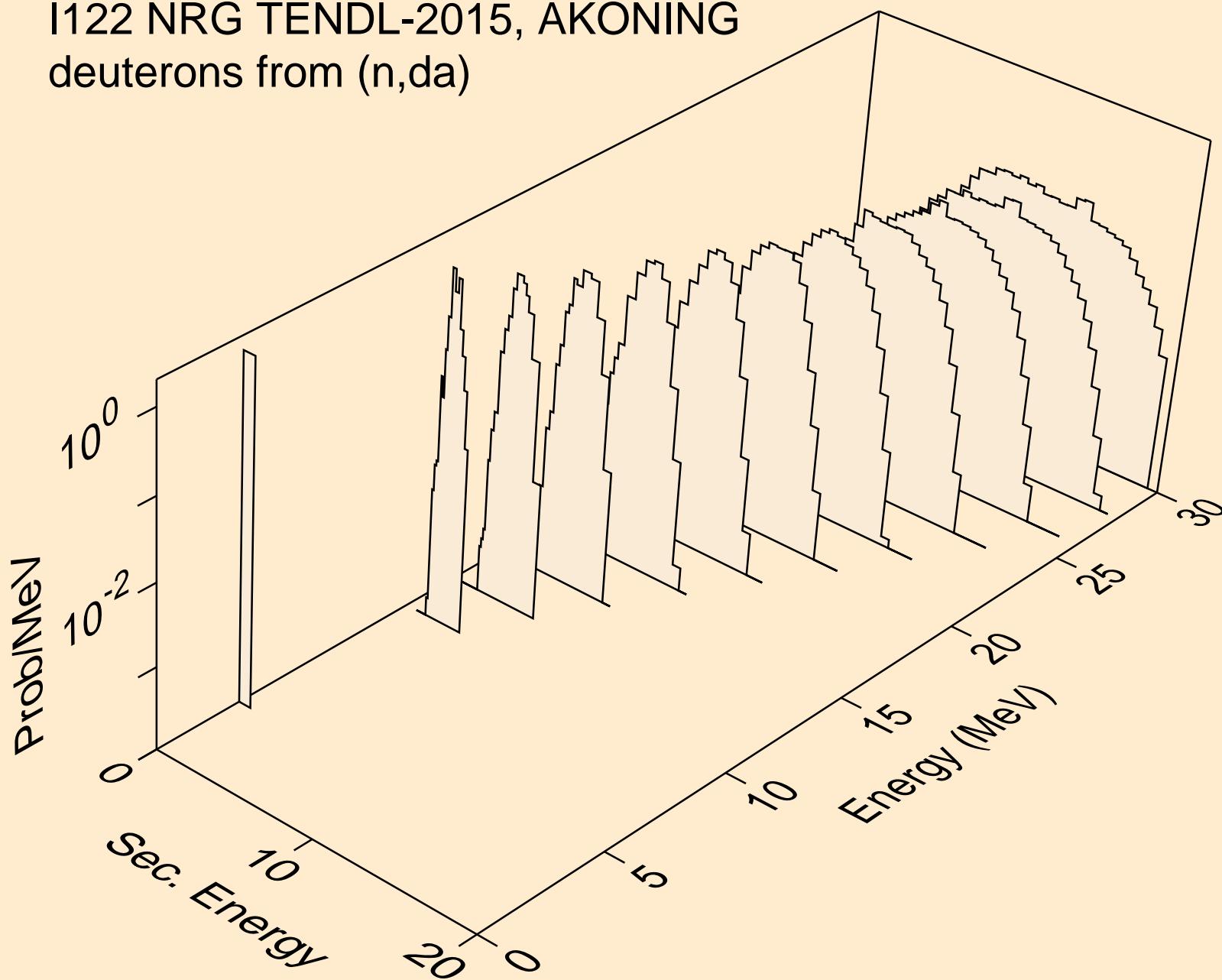
I122 NRG TENDL-2015, AKONING  
deuterons from ( $n, d$ )



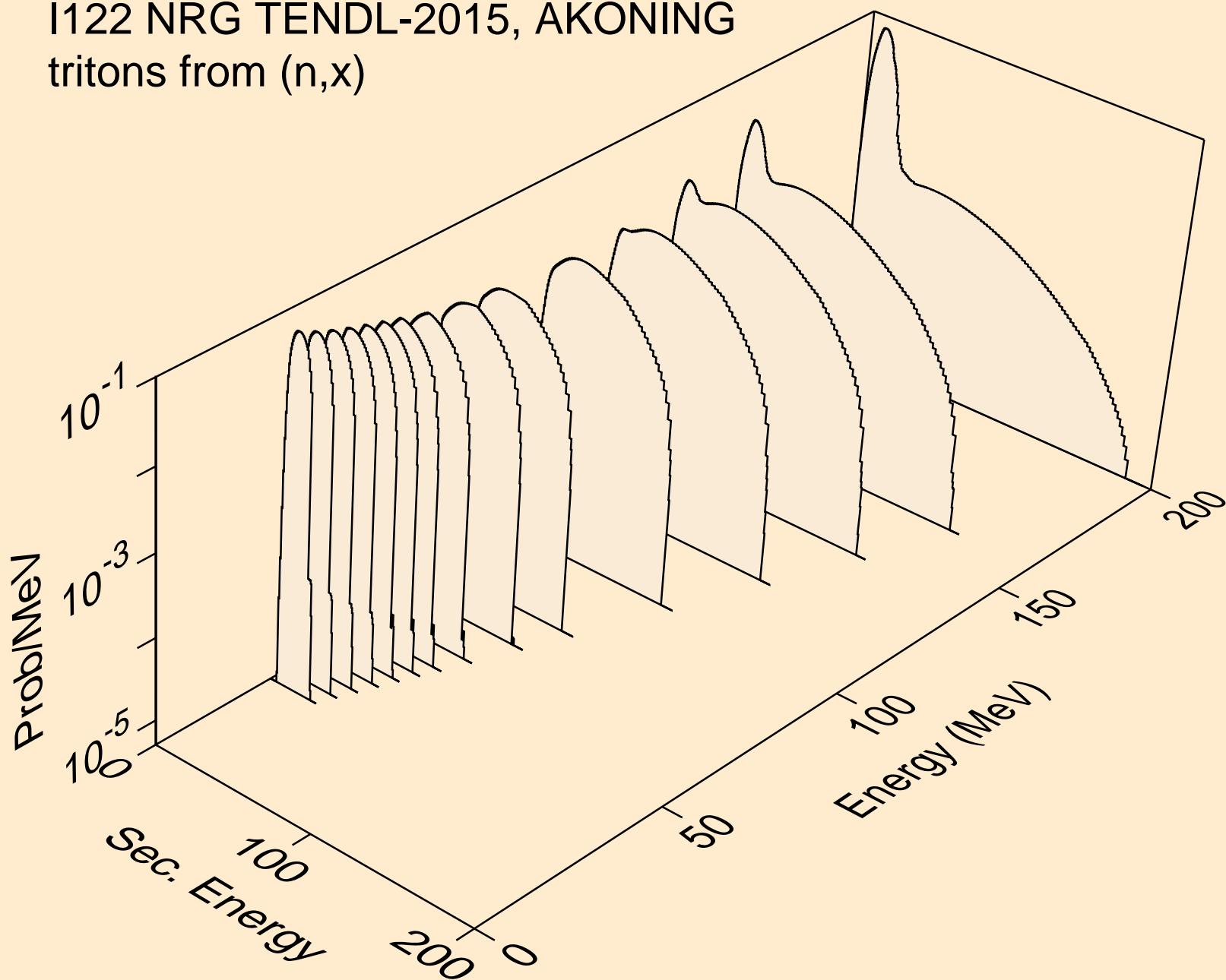
I122 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



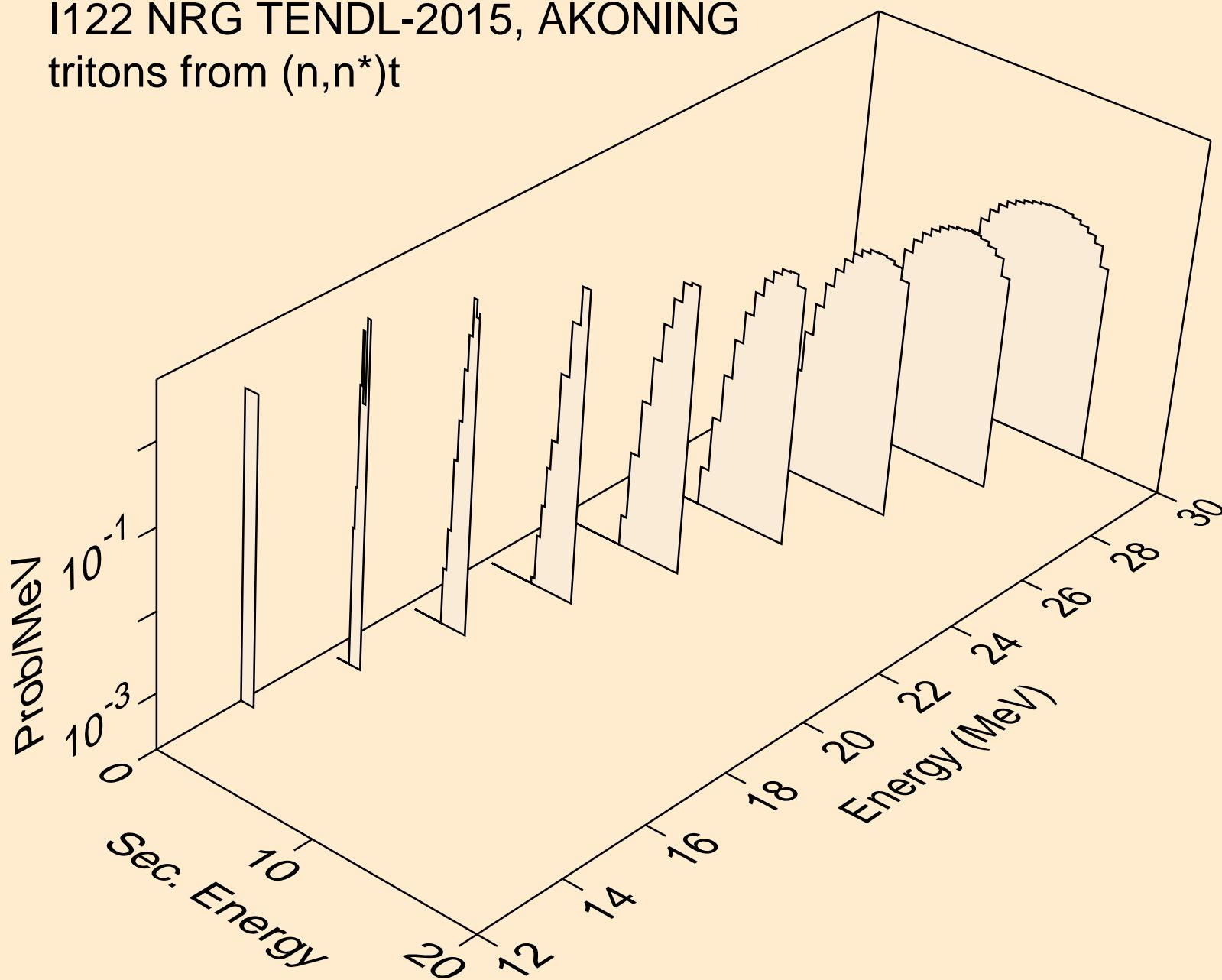
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deuterons from (n,da)



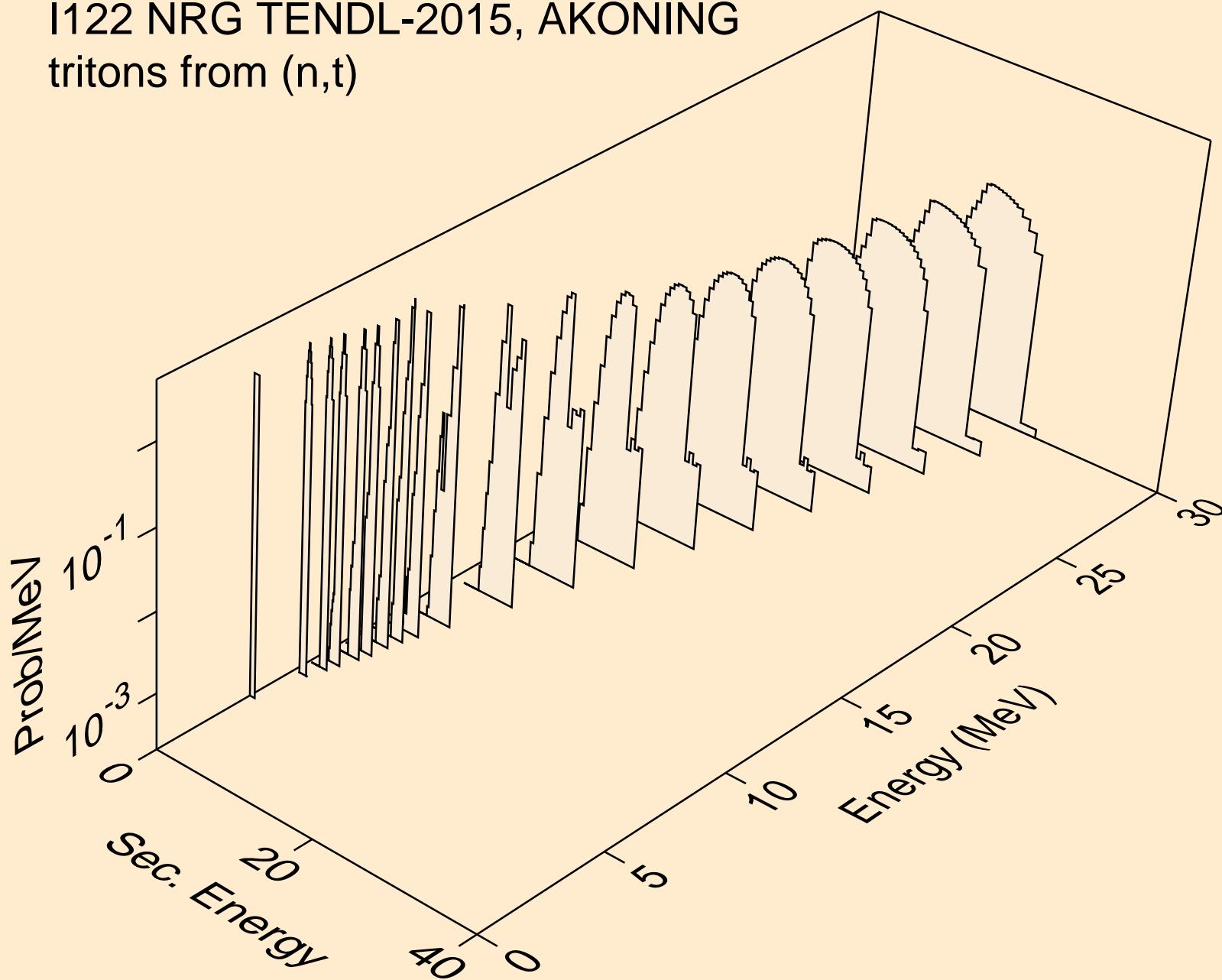
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tritons from ( $n,x$ )



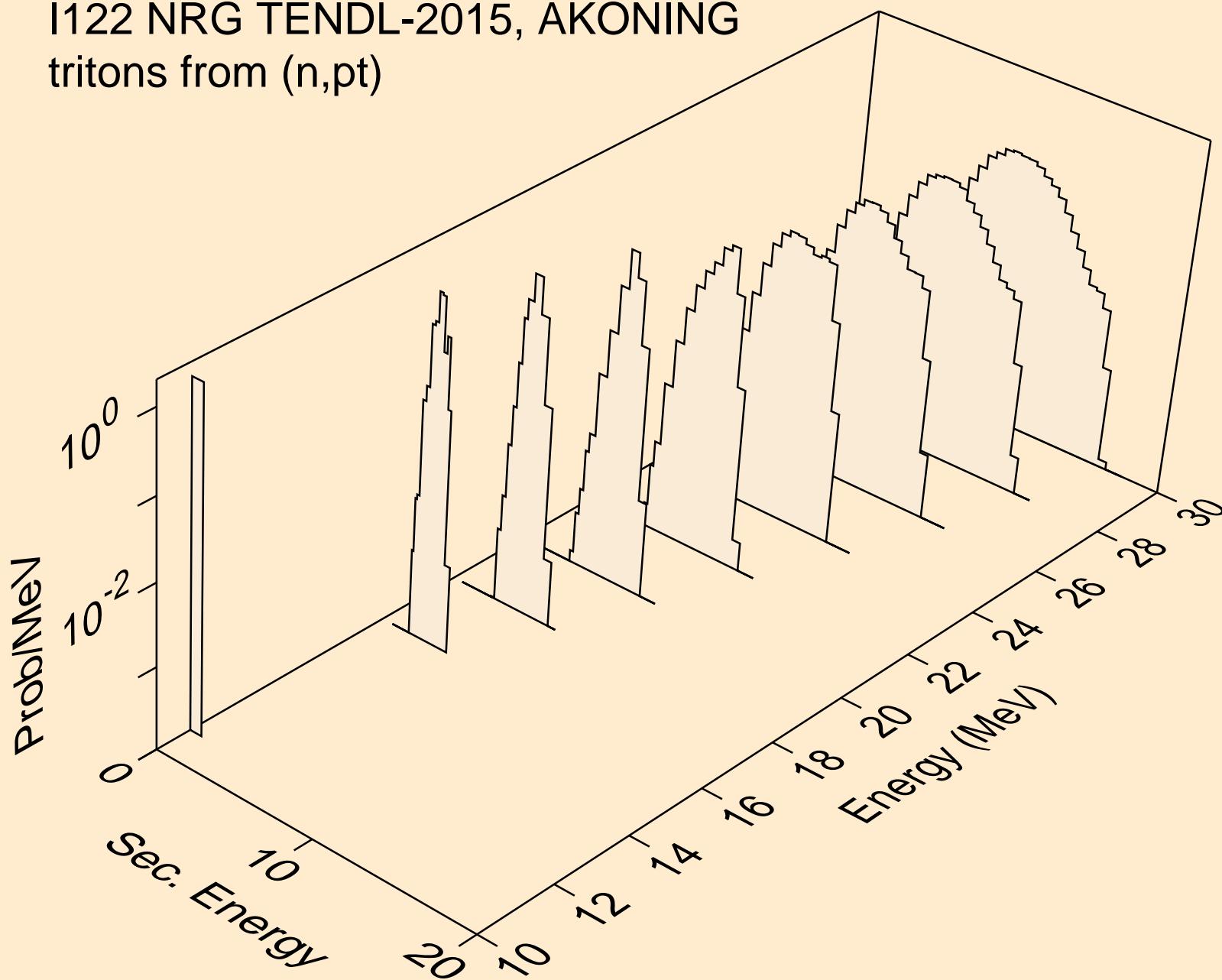
I122 NRG TENDL-2015, AKONING  
tritons from  $(n,n^*)t$



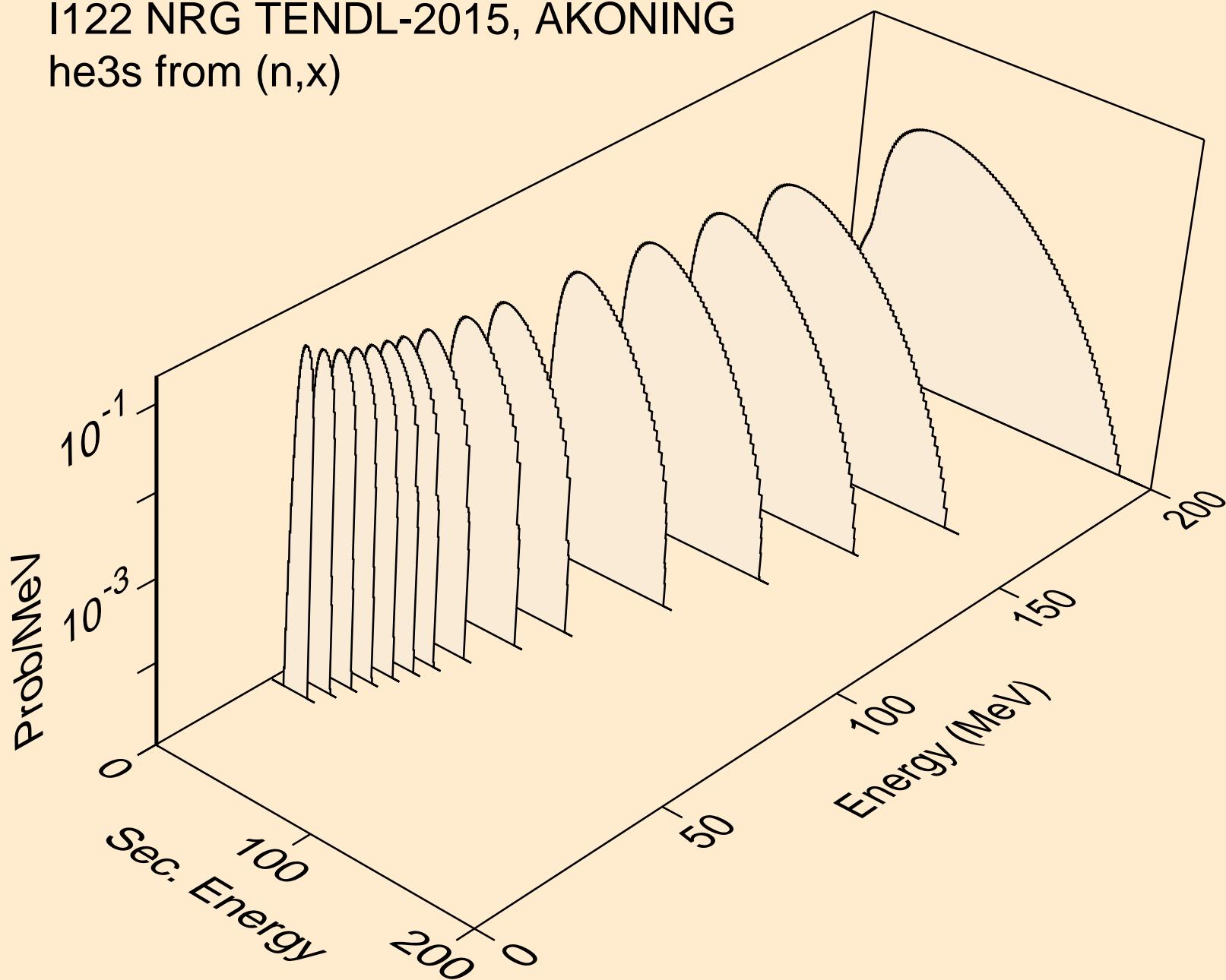
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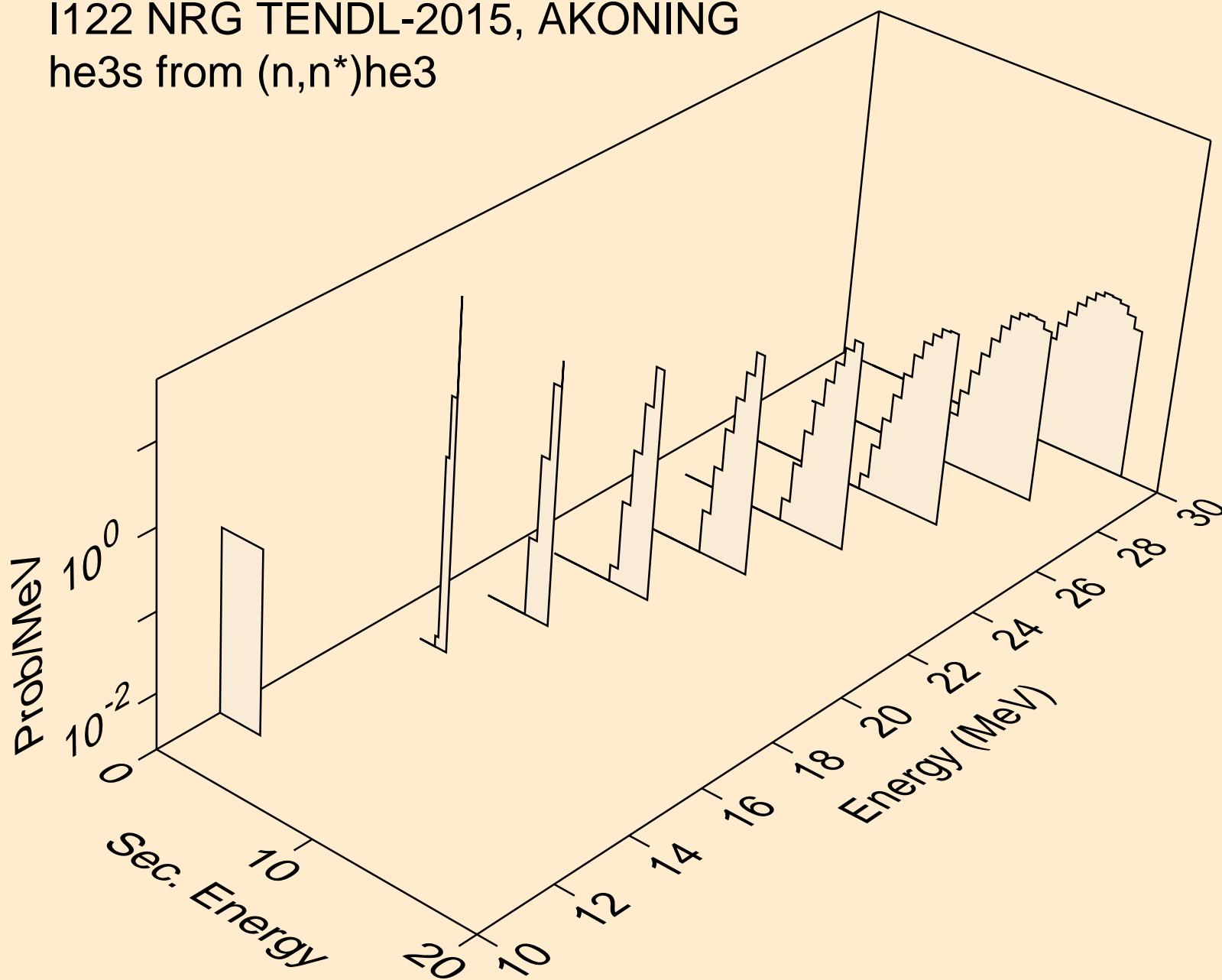
I122 NRG TENDL-2015, AKONING  
tritons from (n,pt)



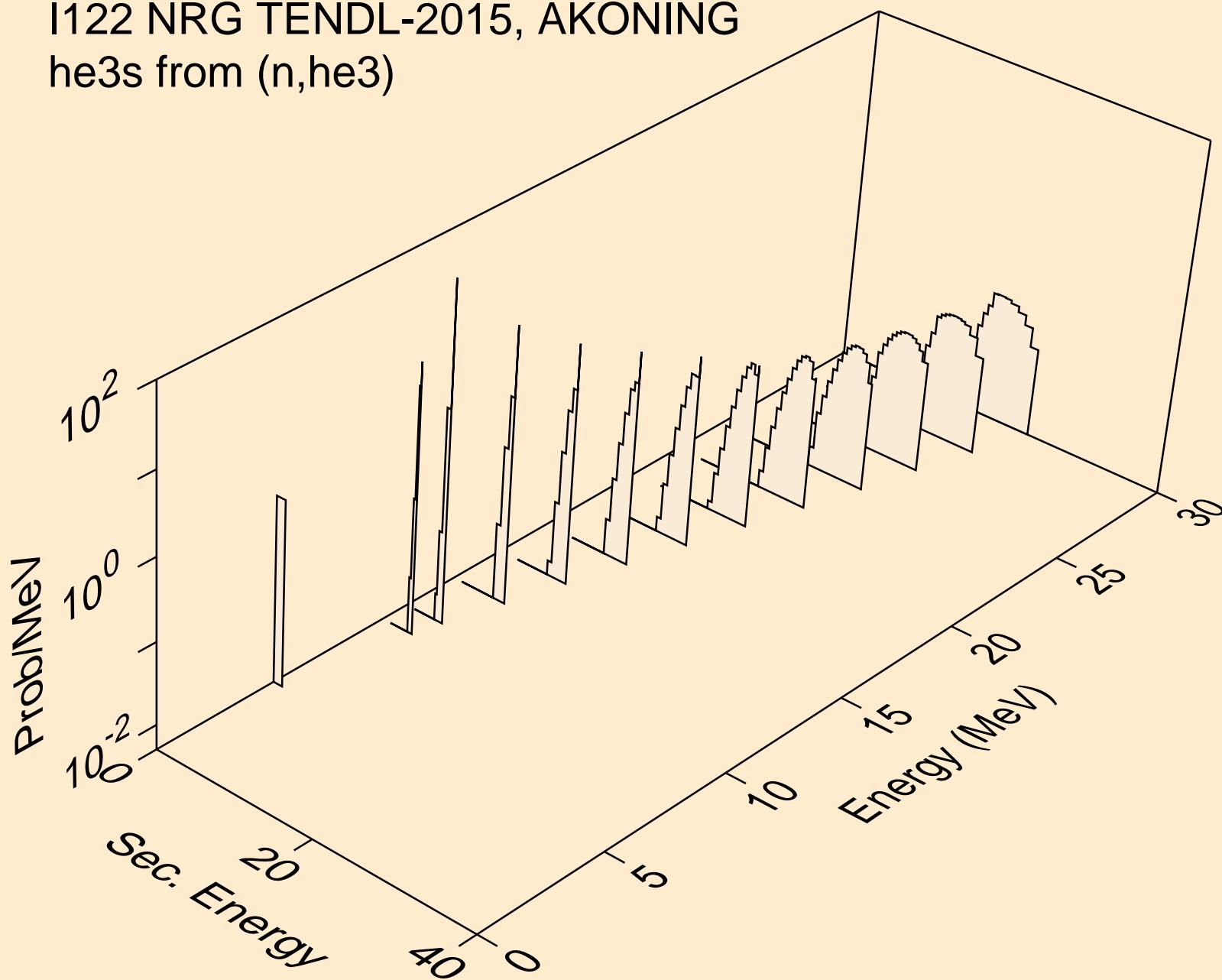
I122 NRG TENDL-2015, AKONING  
he3s from (n,x)



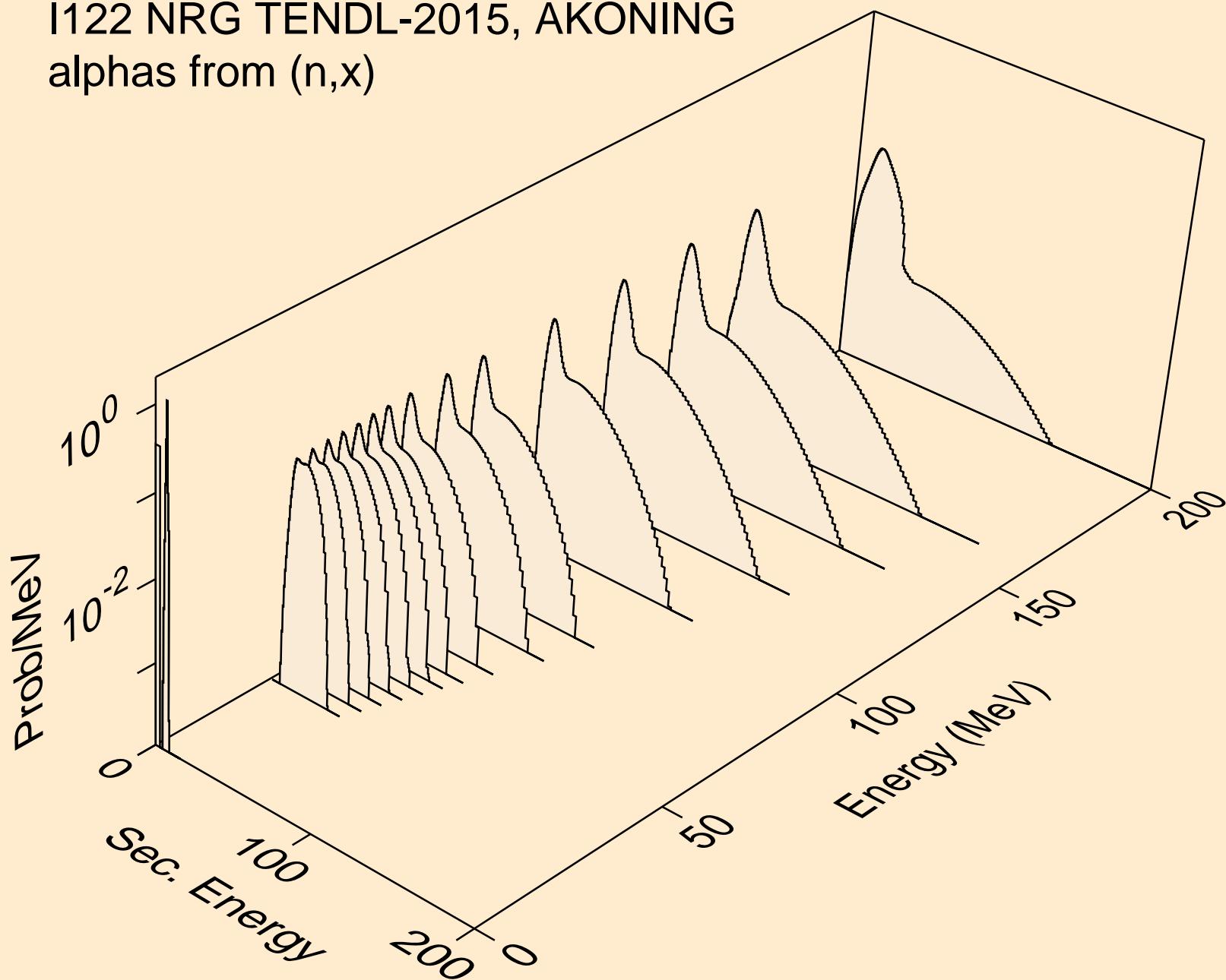
I122 NRG TENDL-2015, AKONING  
he3s from  $(n,n^*)\text{he}3$



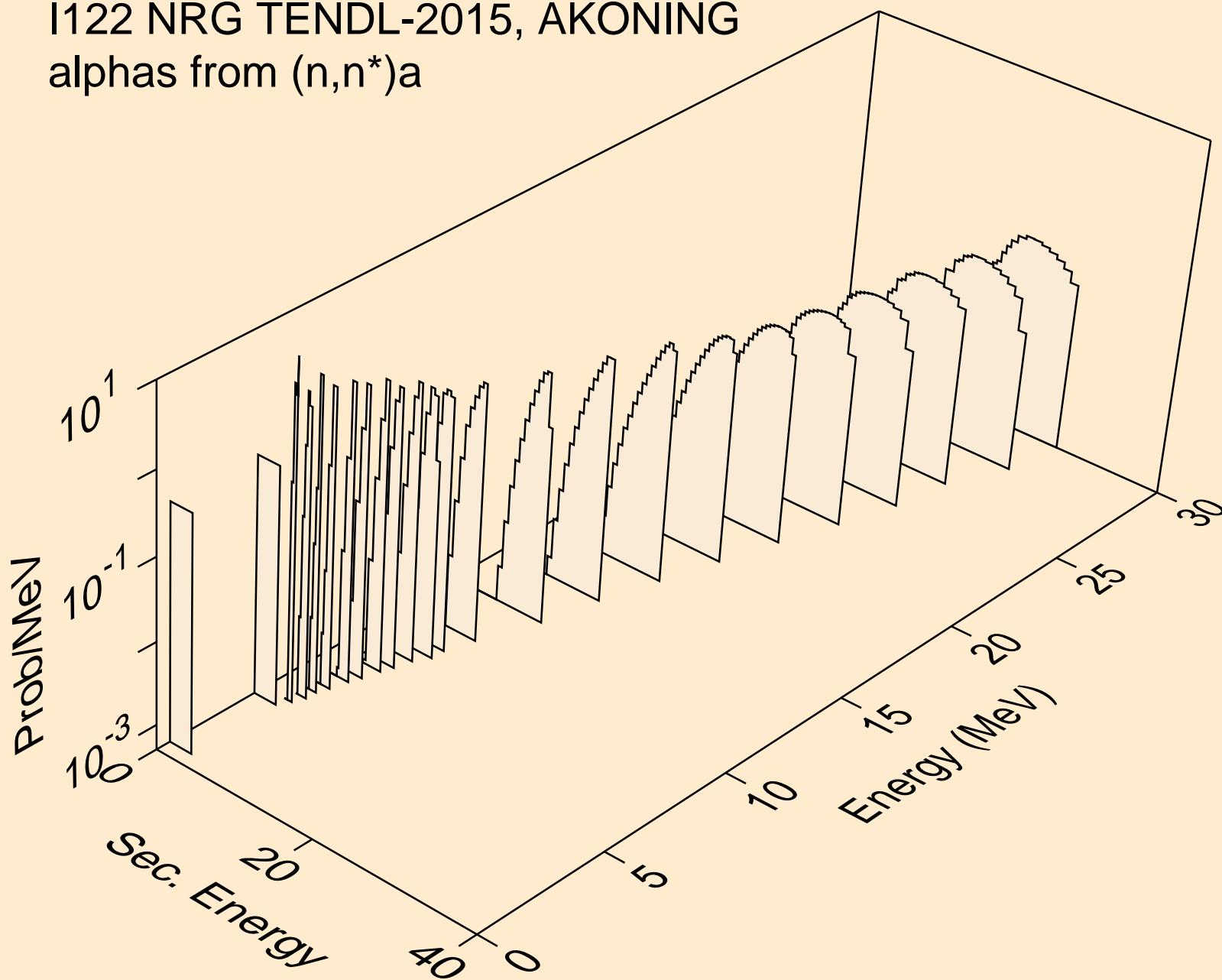
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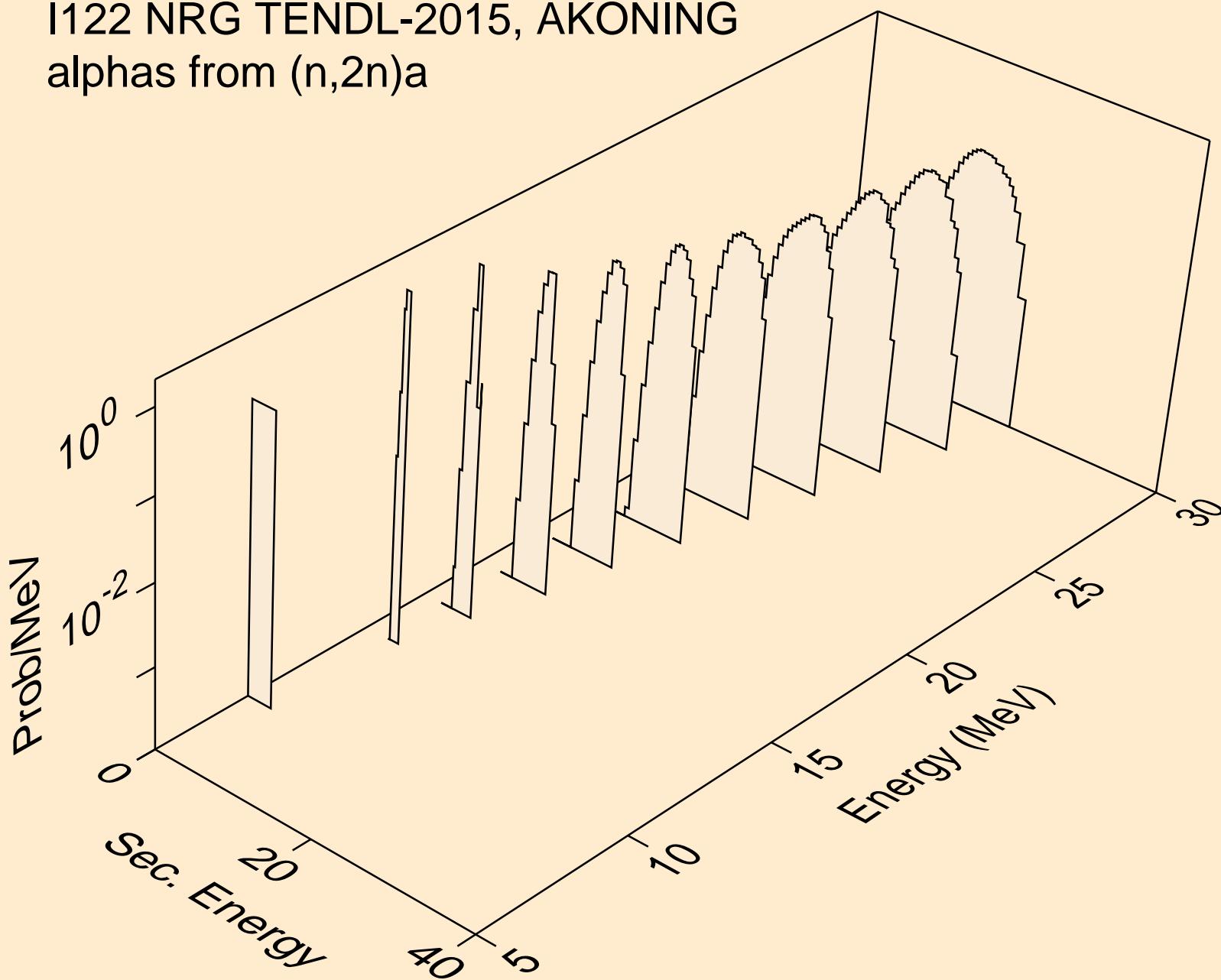
I122 NRG TENDL-2015, AKONING  
alphas from (n,x)



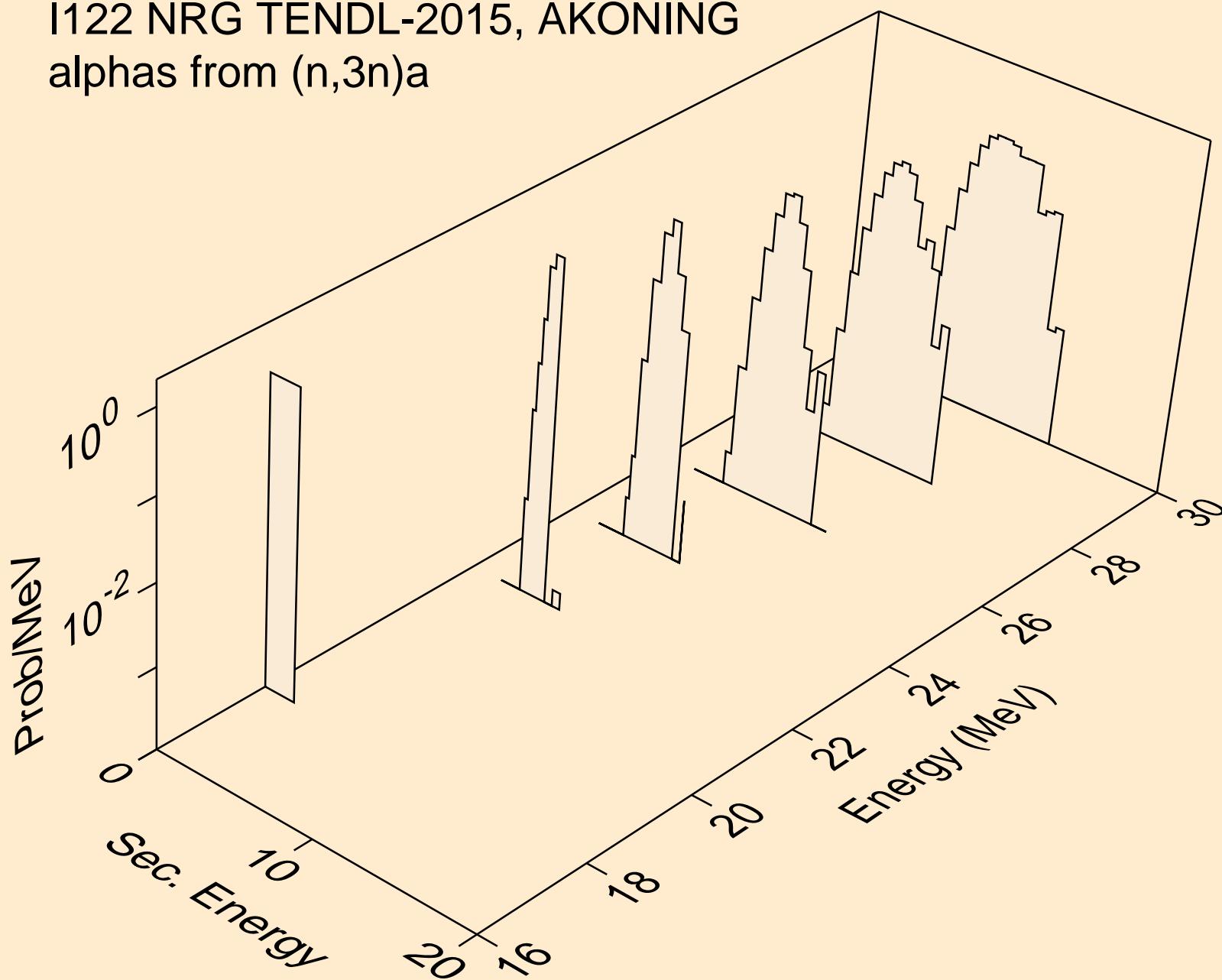
I122 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)a$



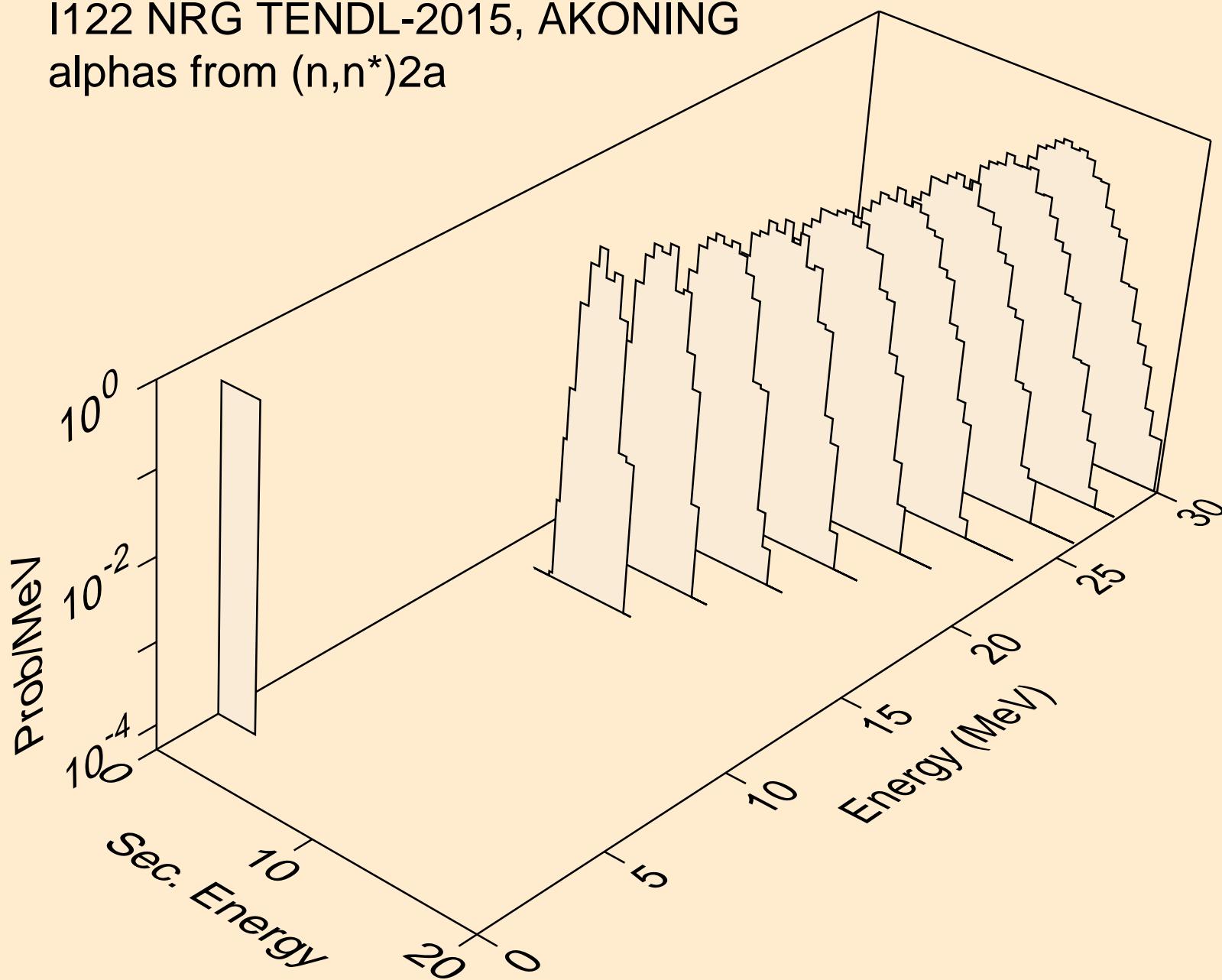
I122 NRG TENDL-2015, AKONING  
alphas from ( $n,2n$ )a



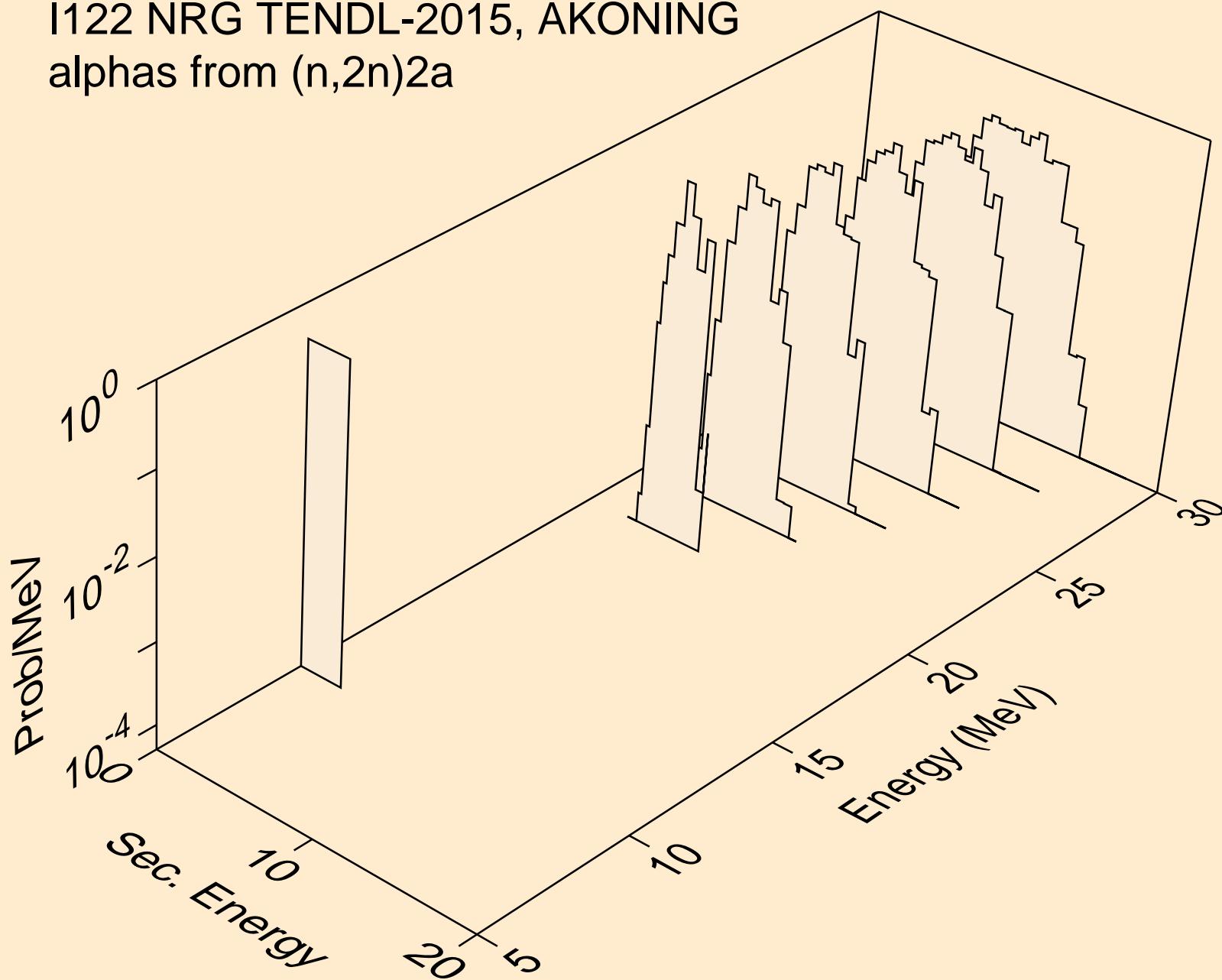
I122 NRG TENDL-2015, AKONING  
alphas from ( $n,3n$ )a



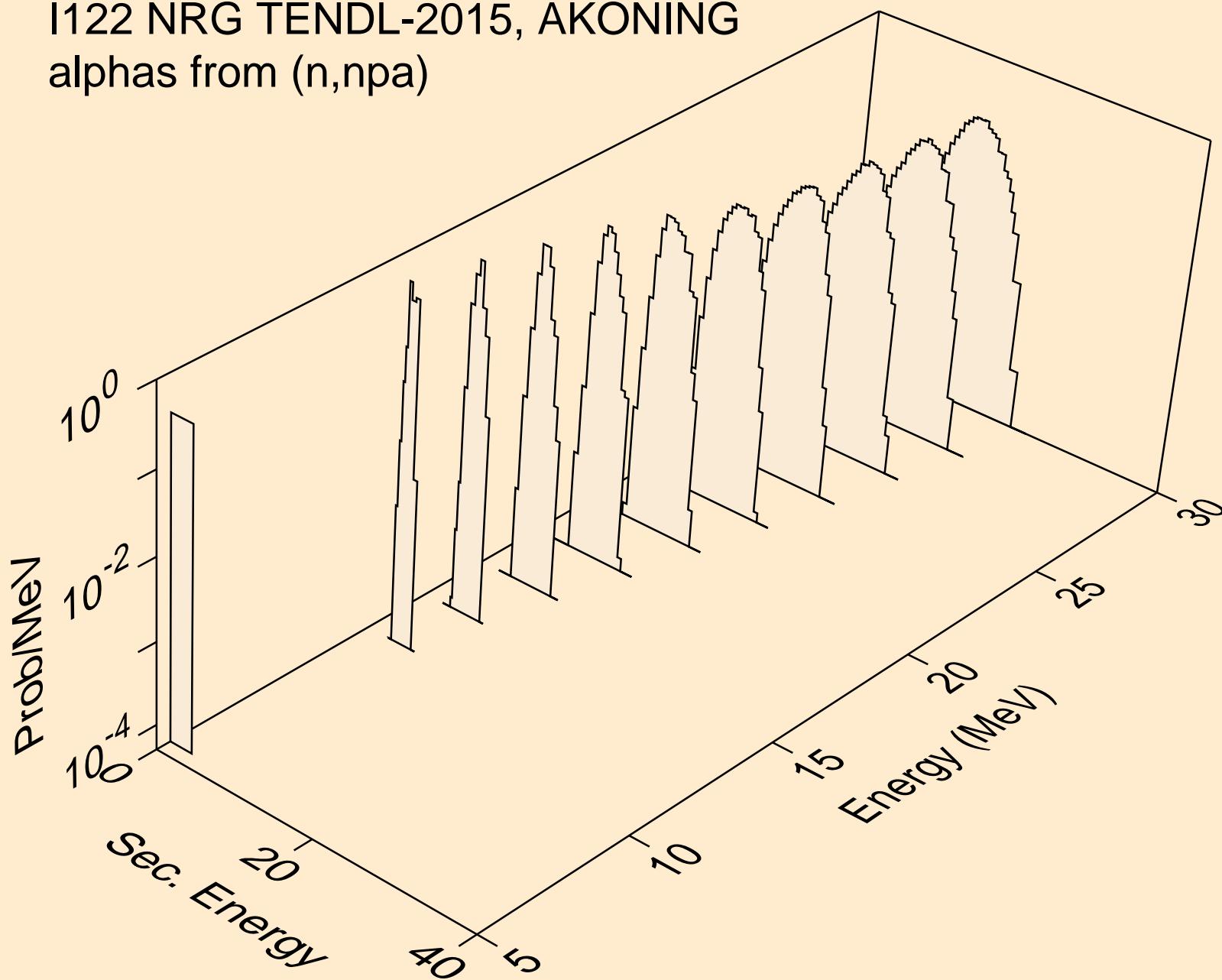
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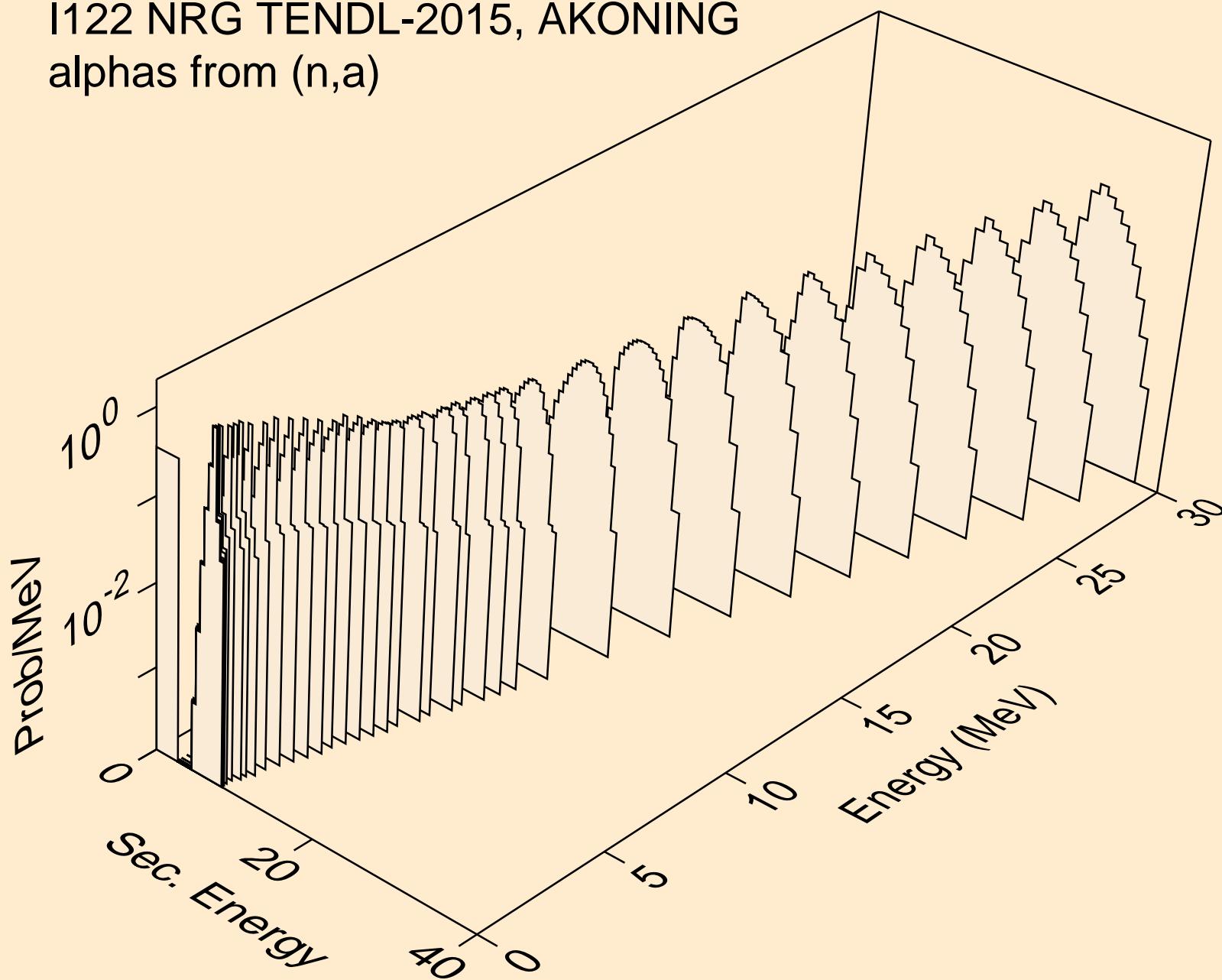
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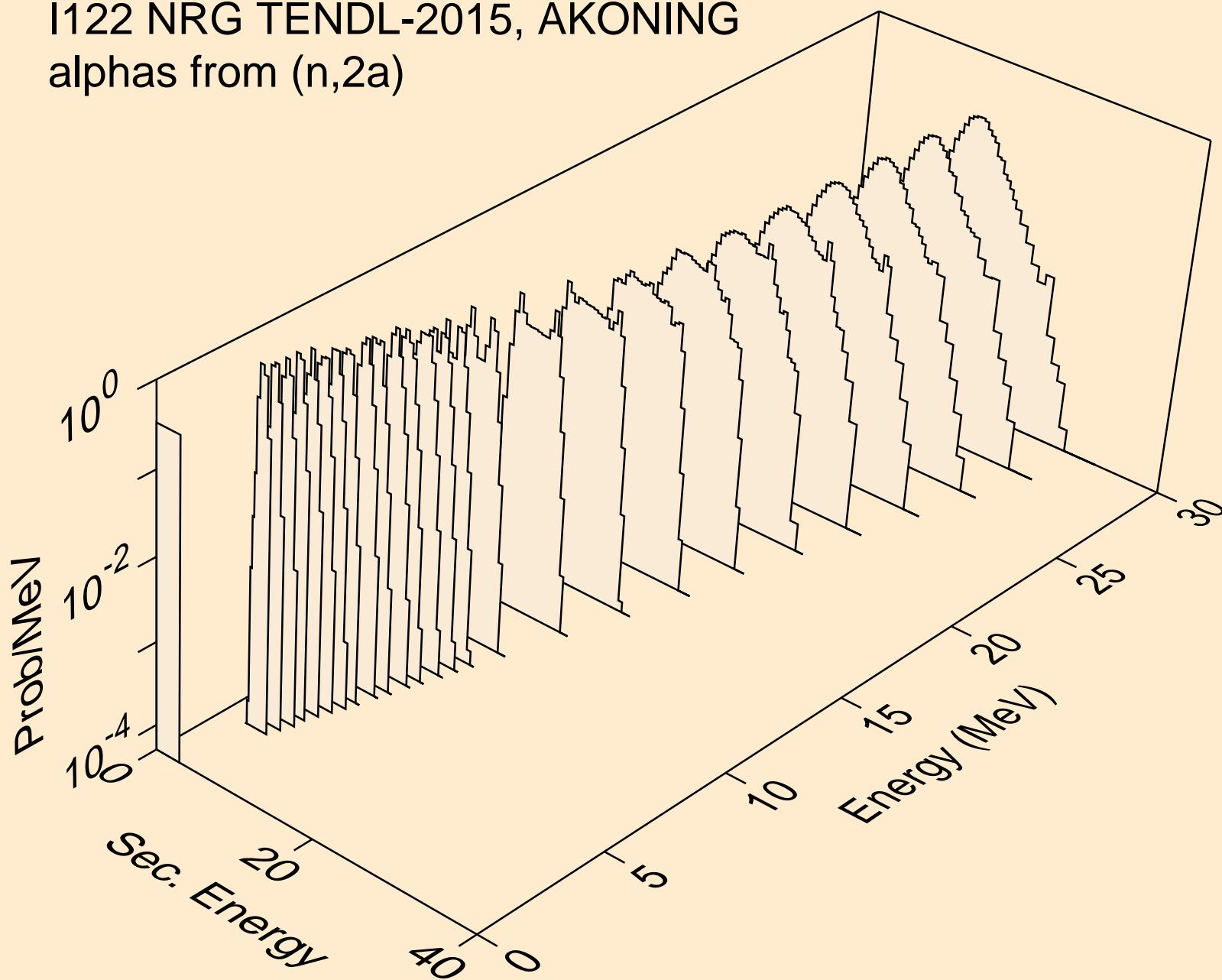
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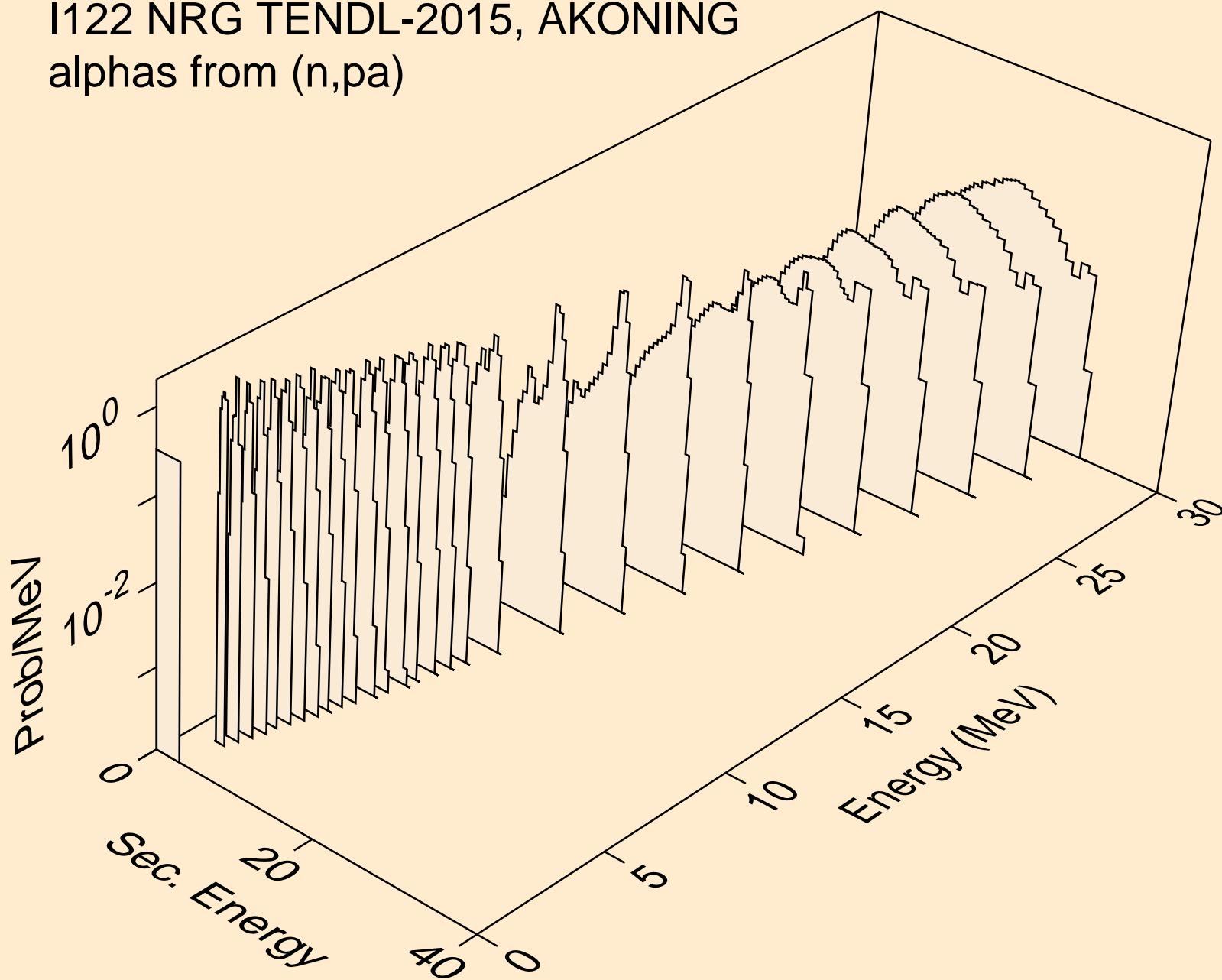
I122 NRG TENDL-2015, AKONING  
alphas from (n,a)



I122 NRG TENDL-2015, AKONING  
alphas from ( $n,2a$ )



I122 NRG TENDL-2015, AKONING  
alphas from (n,pa)



I122 NRG TENDL-2015, AKONING  
alphas from (n,da)

