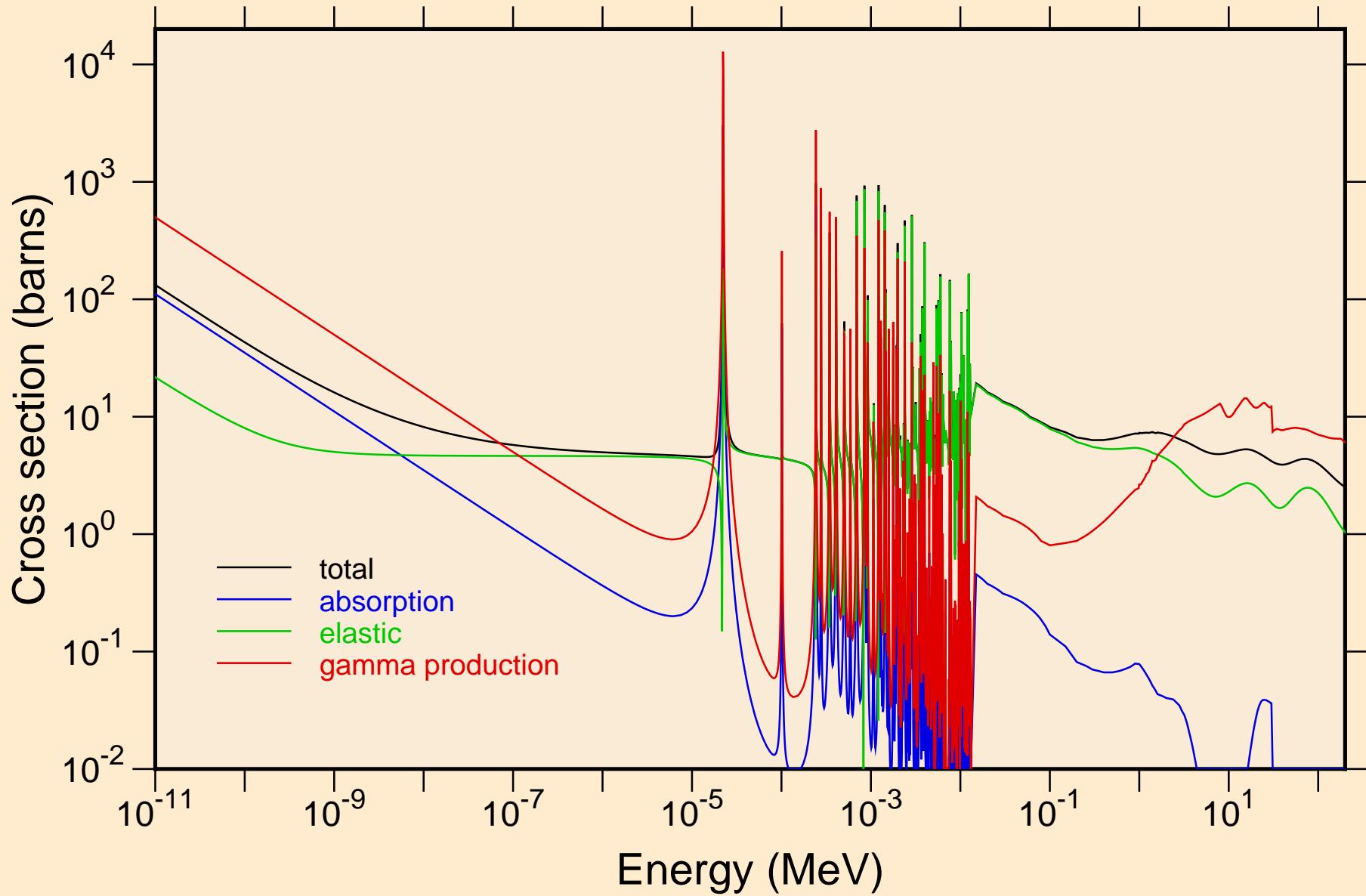
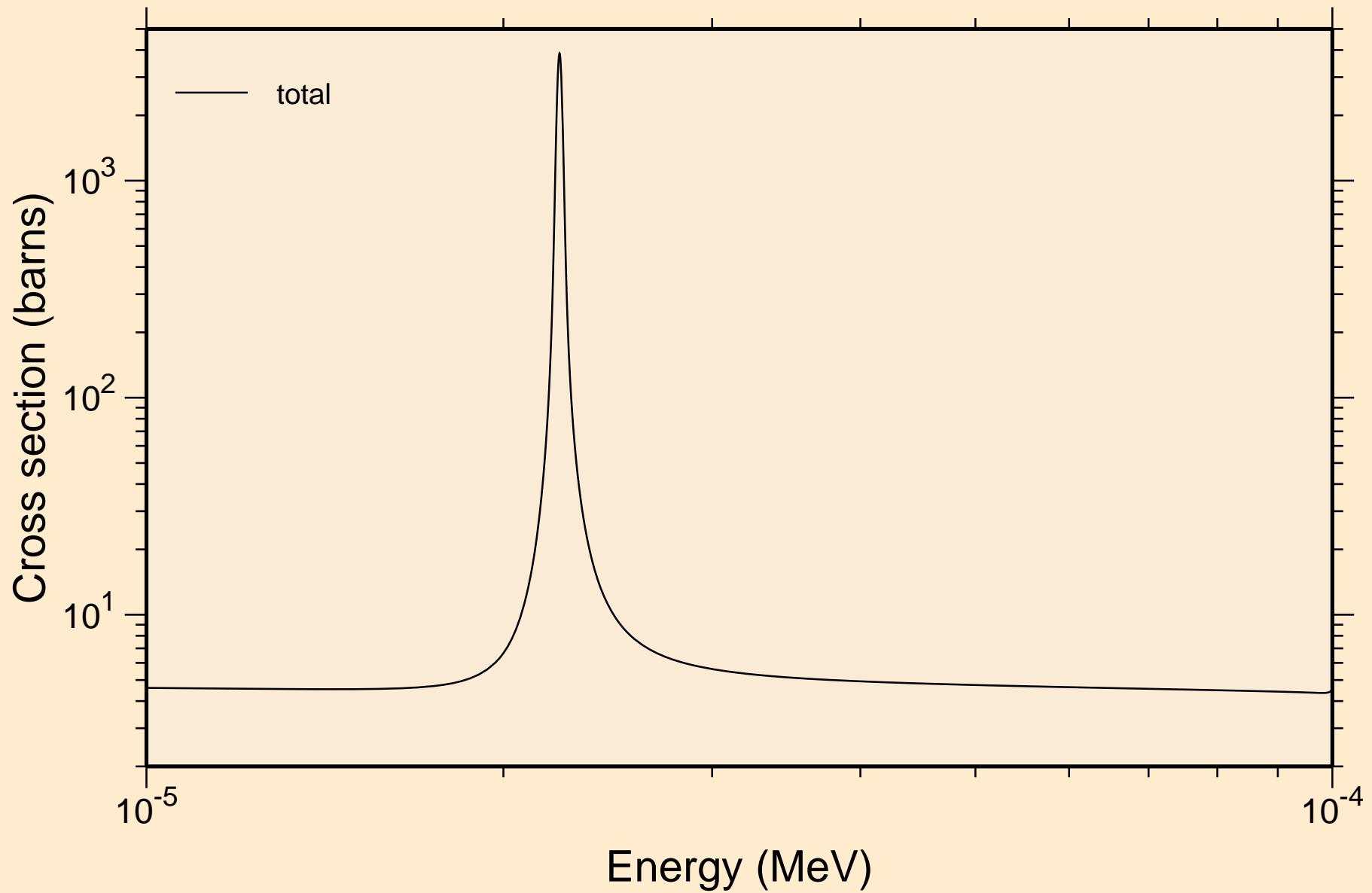


# GD158 NRG TENDL-2015, AKONING

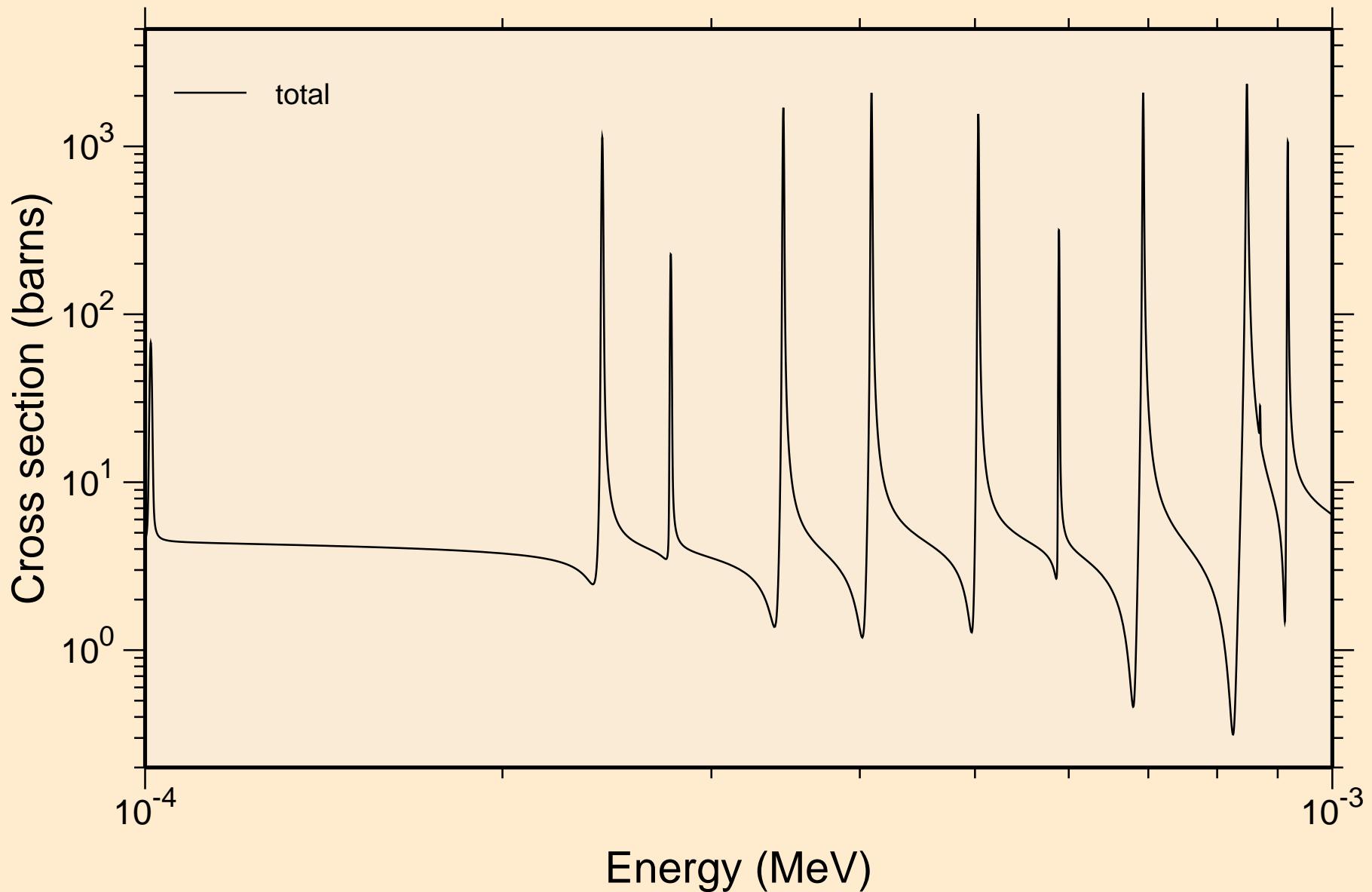
## Principal cross sections



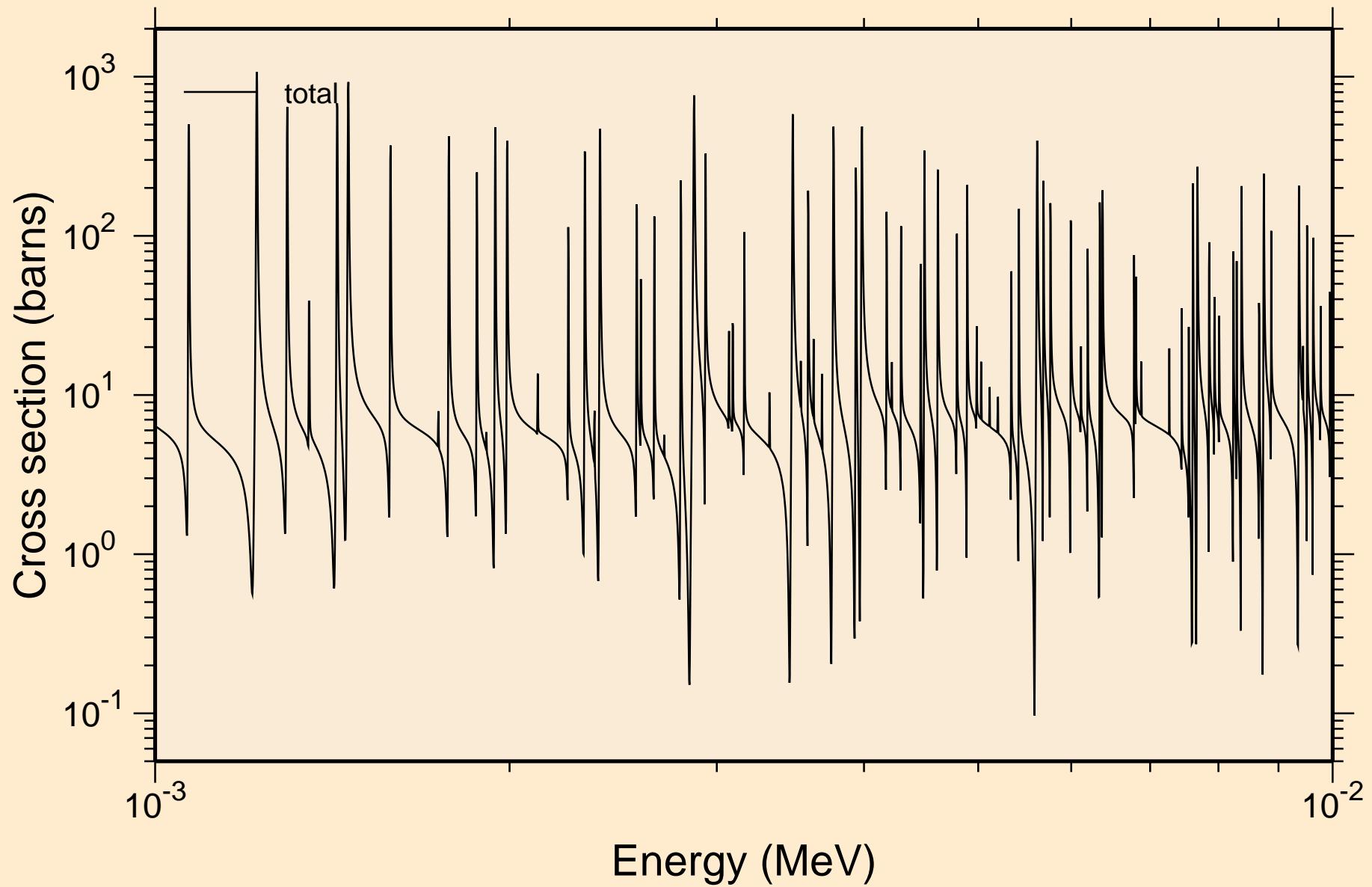
GD158 NRG TENDL-2015, AKONING  
resonance total cross section



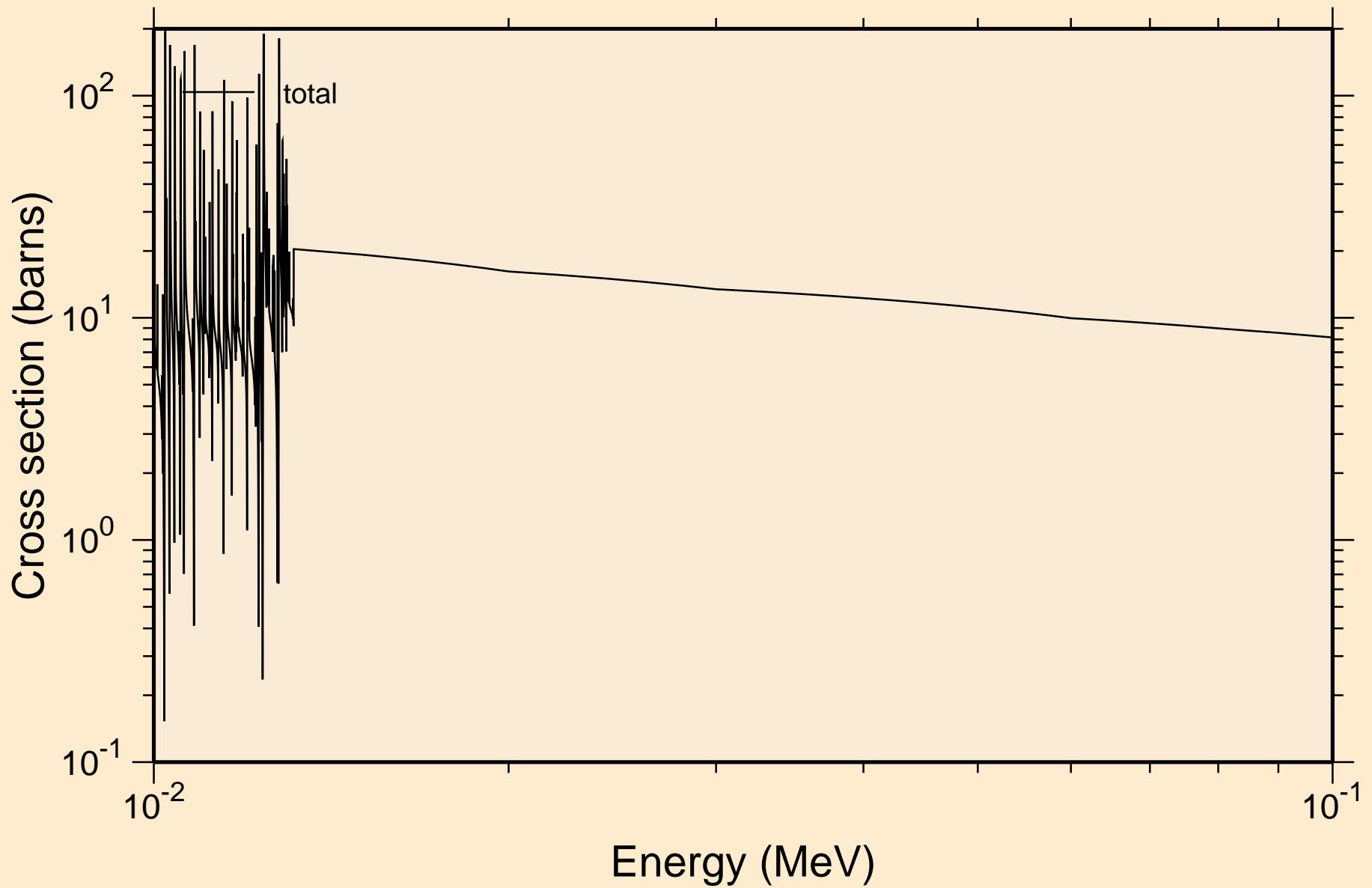
GD158 NRG TENDL-2015, AKONING  
resonance total cross section



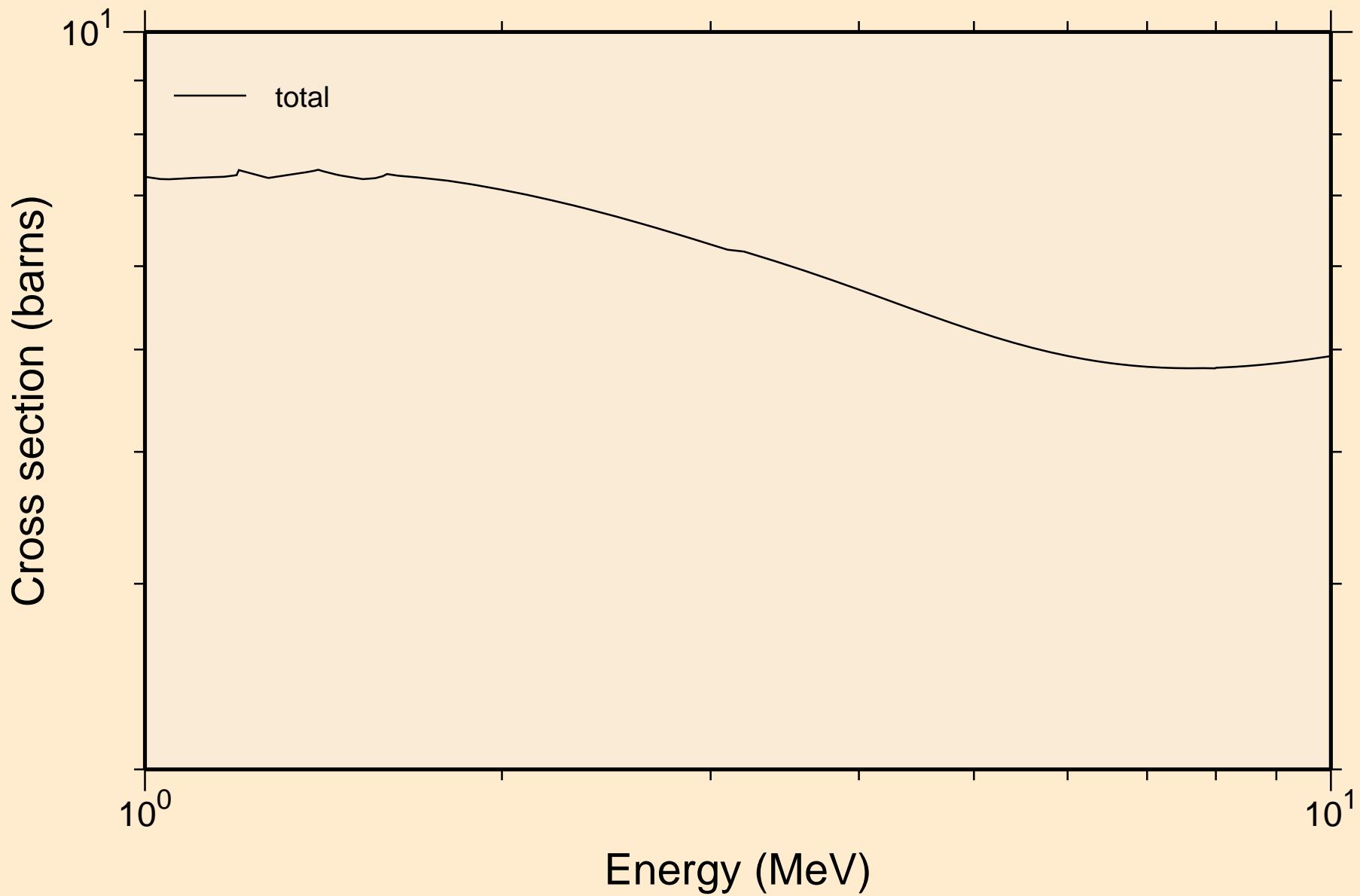
GD158 NRG TENDL-2015, AKONING  
resonance total cross section



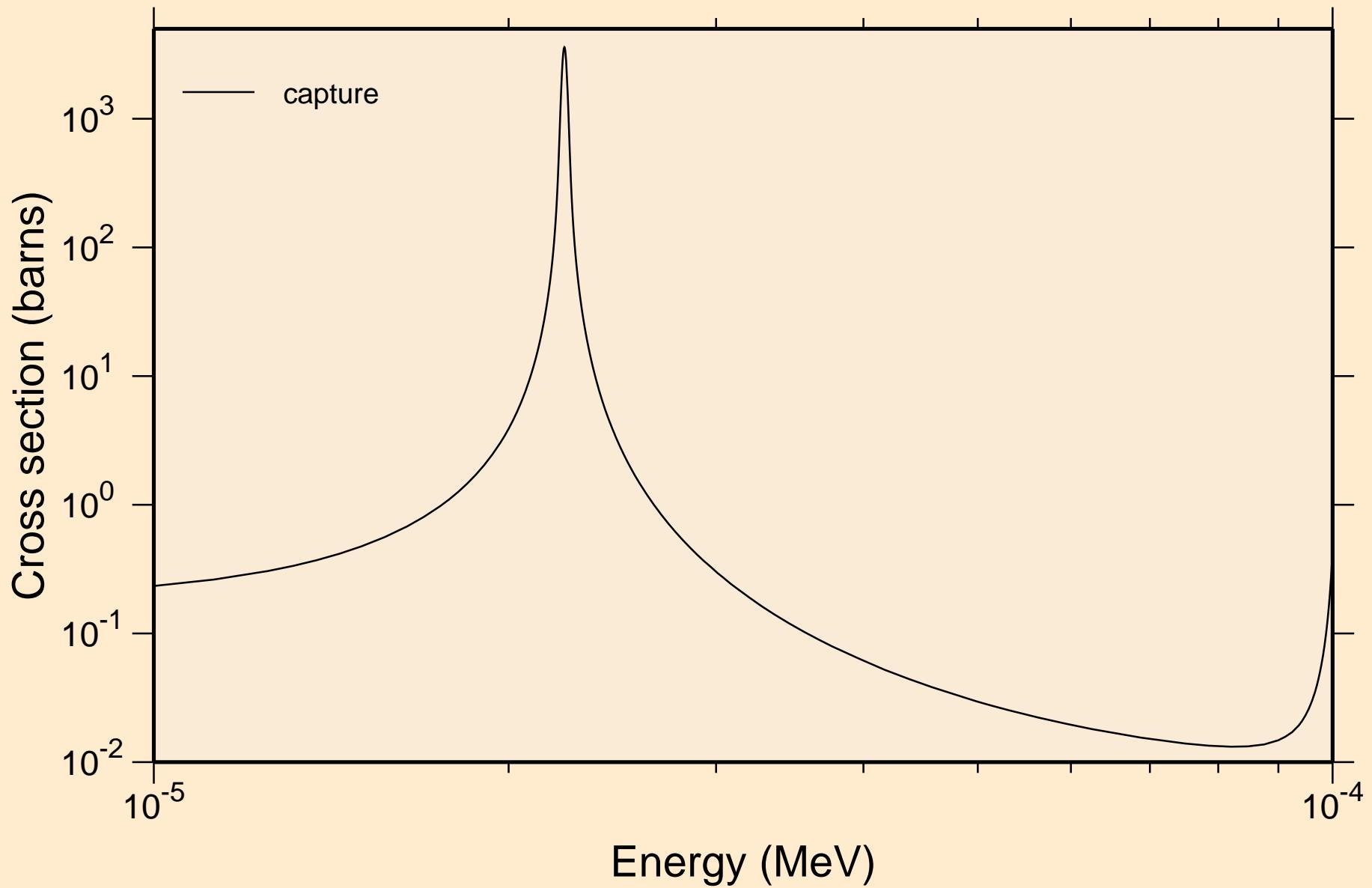
GD158 NRG TENDL-2015, AKONING  
resonance total cross section



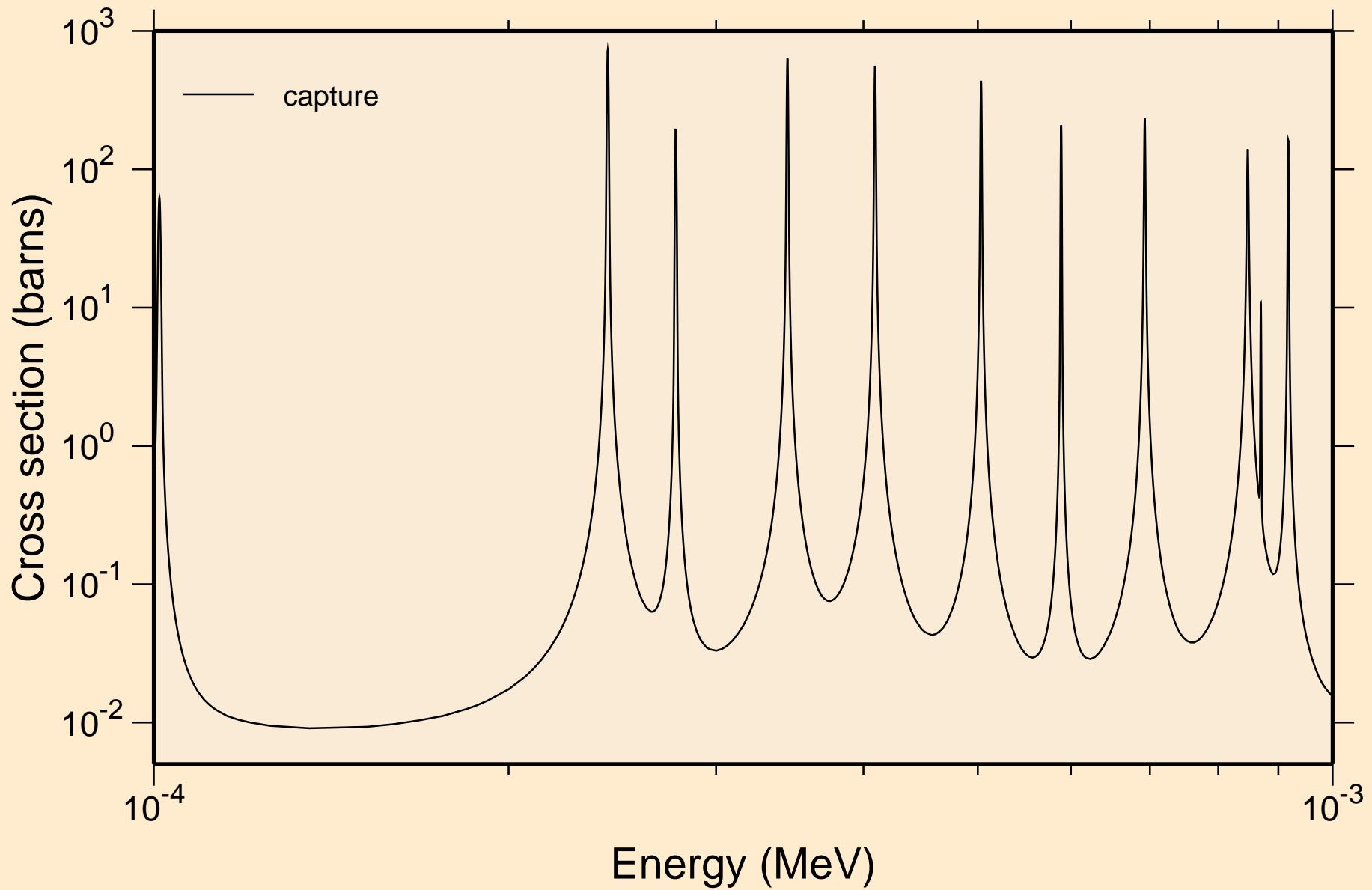
GD158 NRG TENDL-2015, AKONING  
resonance total cross section



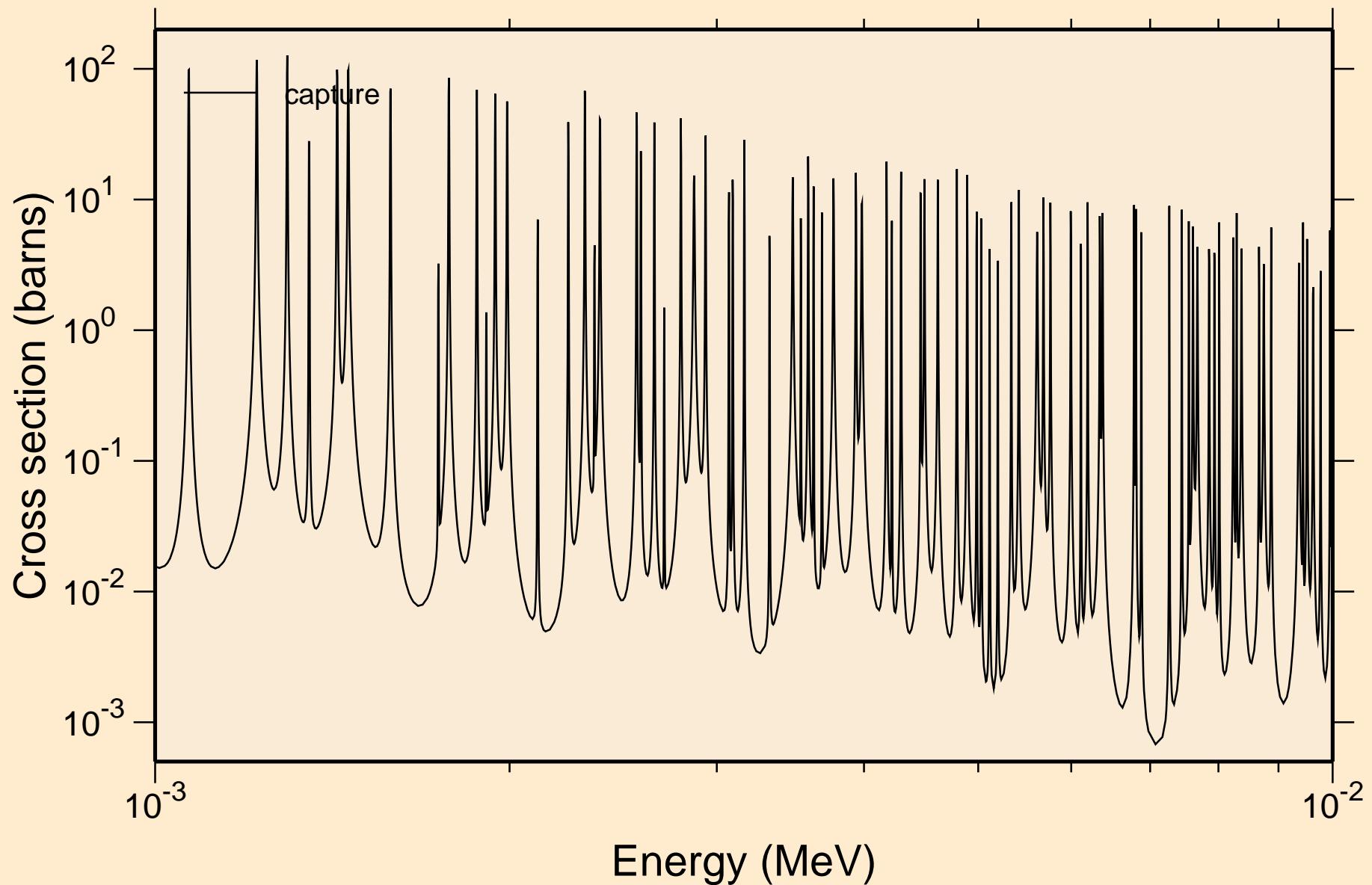
GD158 NRG TENDL-2015, AKONING  
resonance absorption cross sections



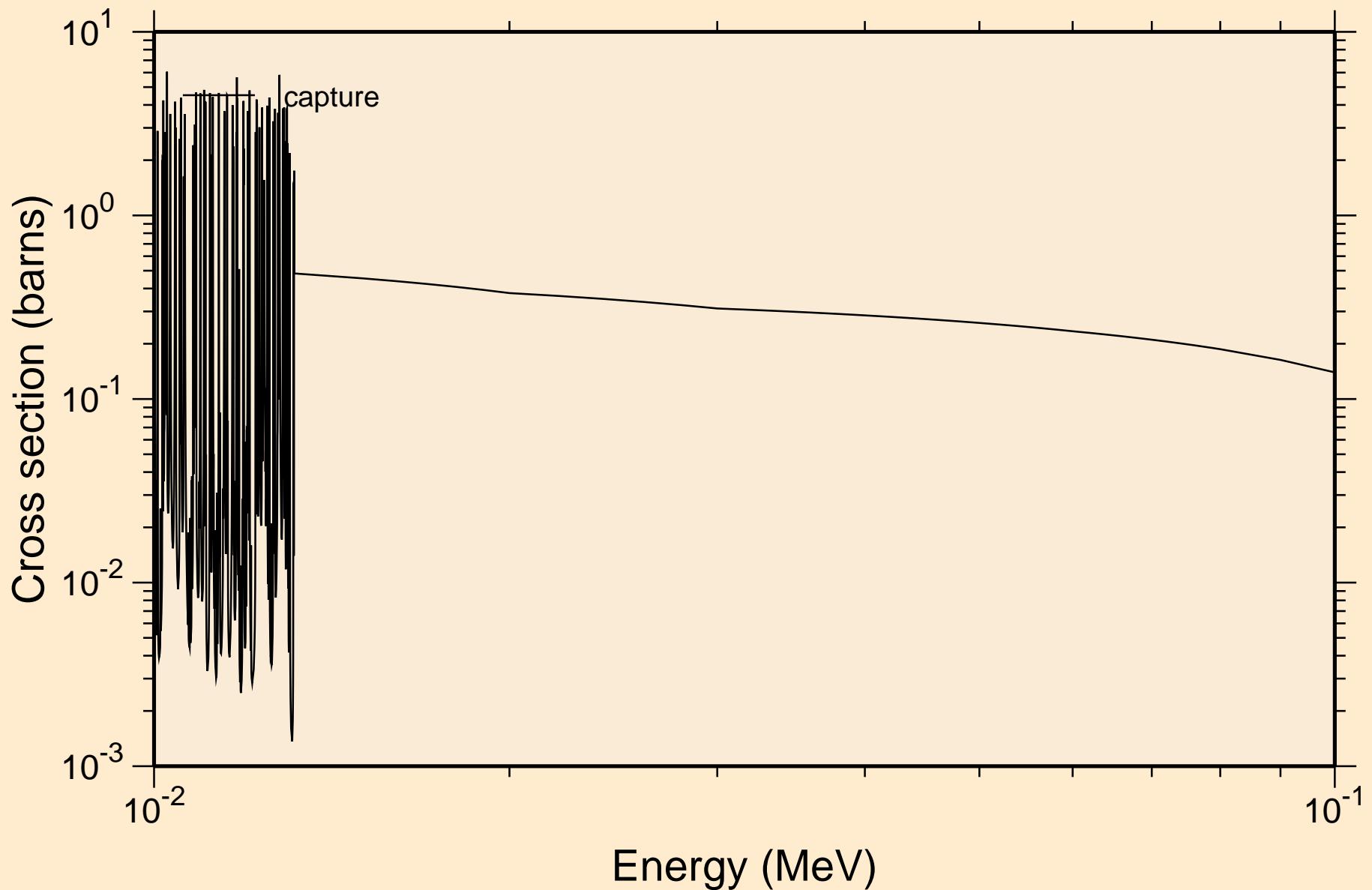
GD158 NRG TENDL-2015, AKONING  
resonance absorption cross sections



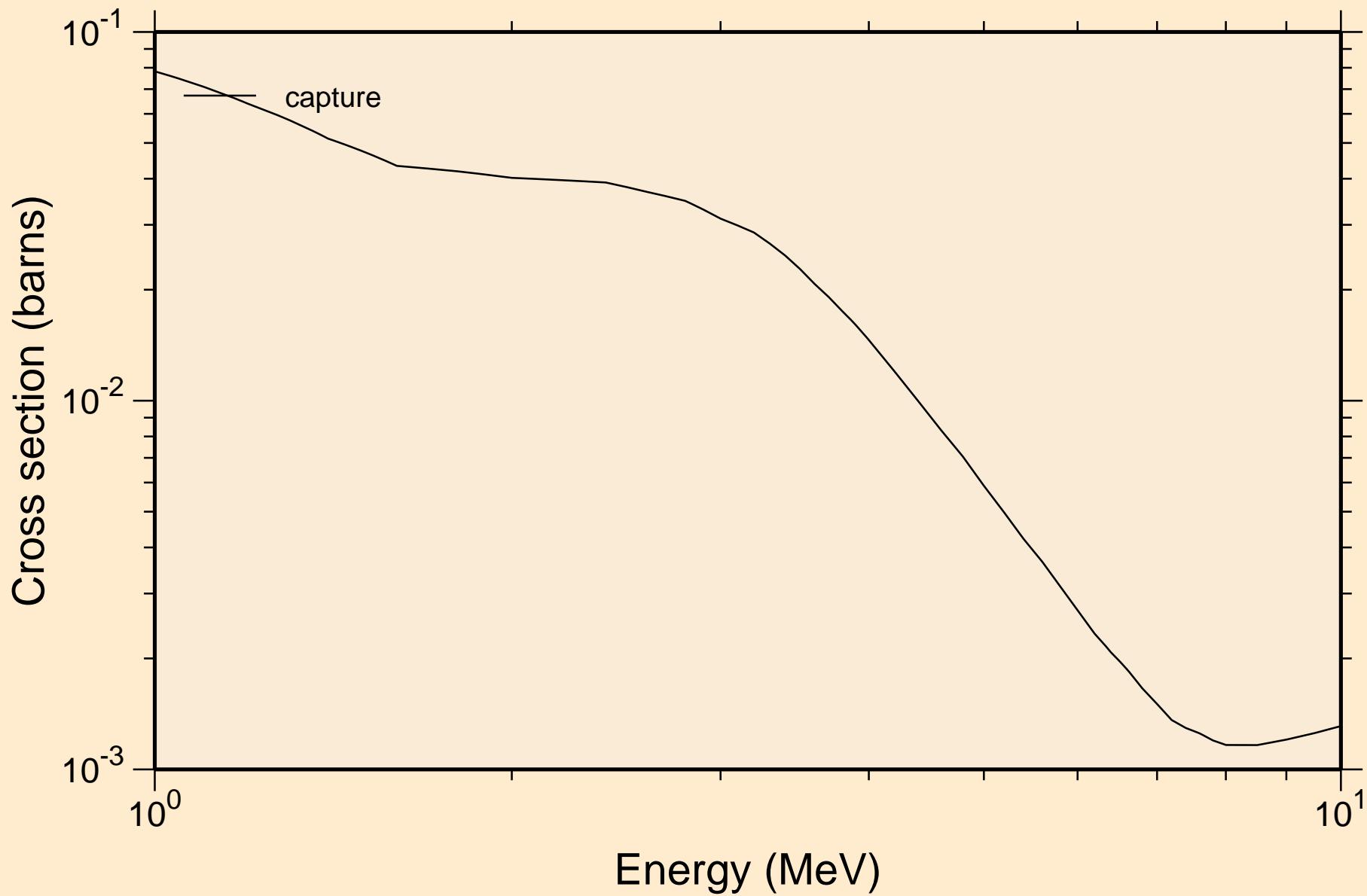
GD158 NRG TENDL-2015, AKONING  
resonance absorption cross sections



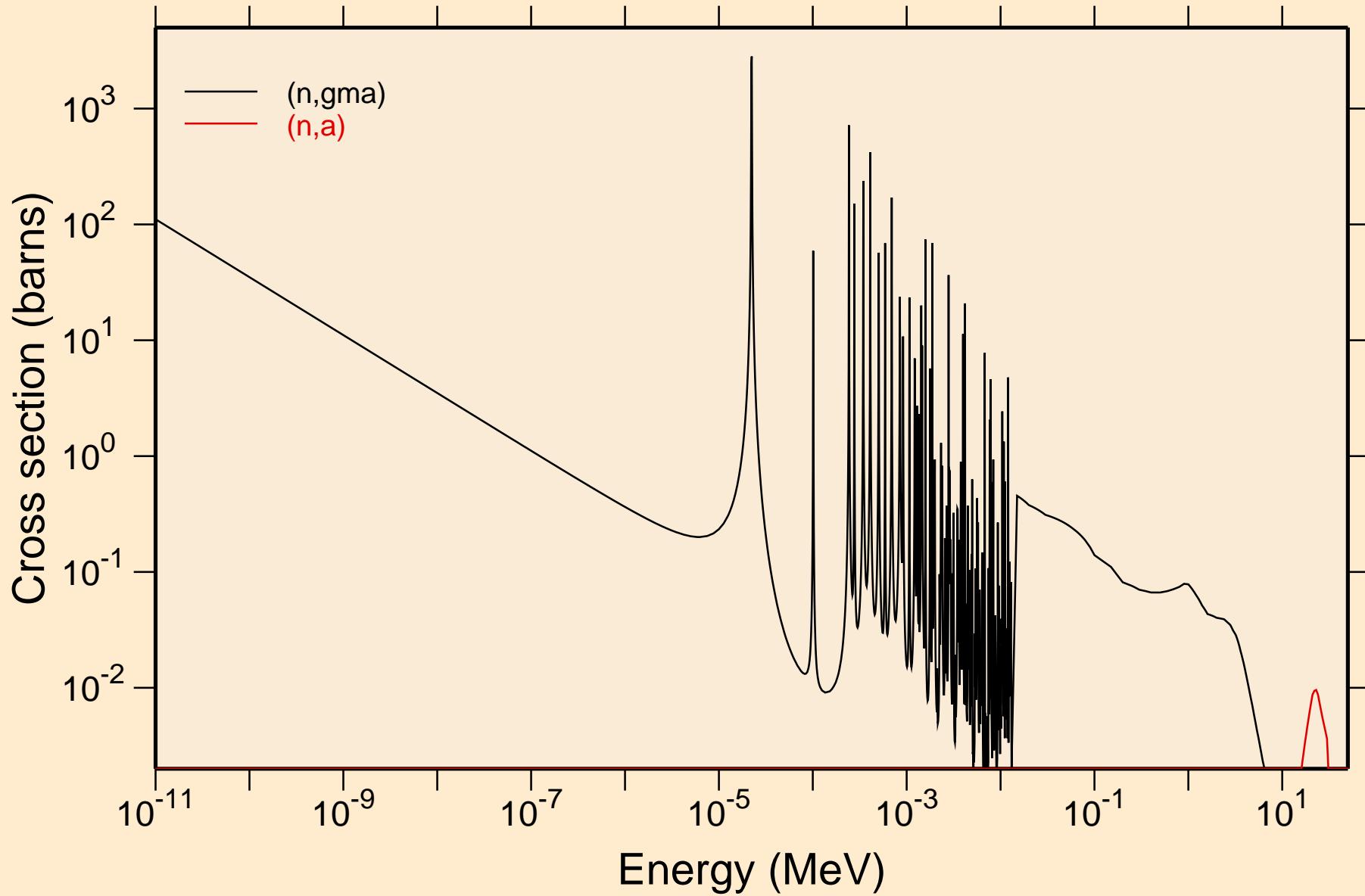
GD158 NRG TENDL-2015, AKONING  
resonance absorption cross sections



GD158 NRG TENDL-2015, AKONING  
resonance absorption cross sections

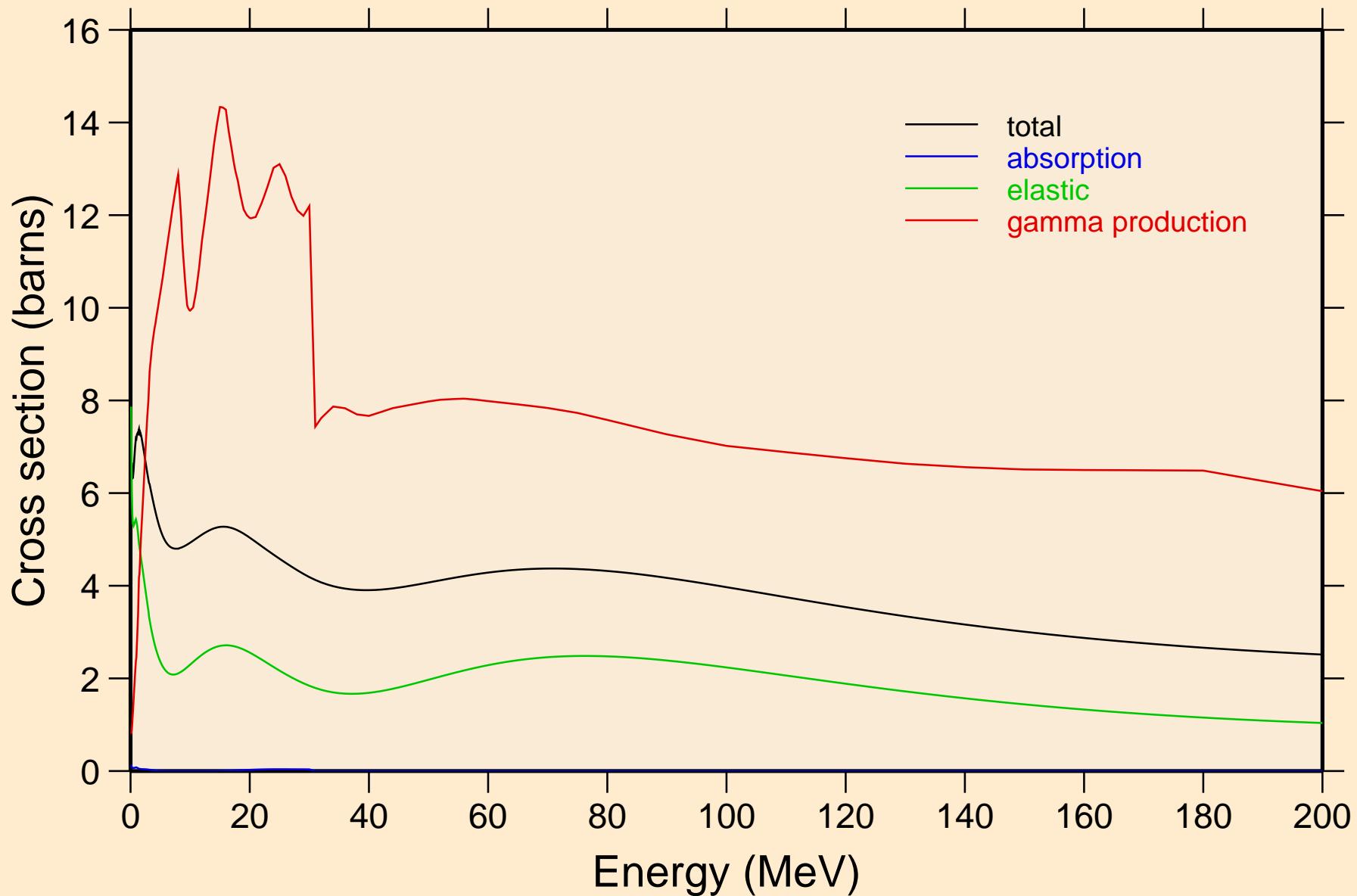


GD158 NRG TENDL-2015, AKONING  
Non-threshold reactions

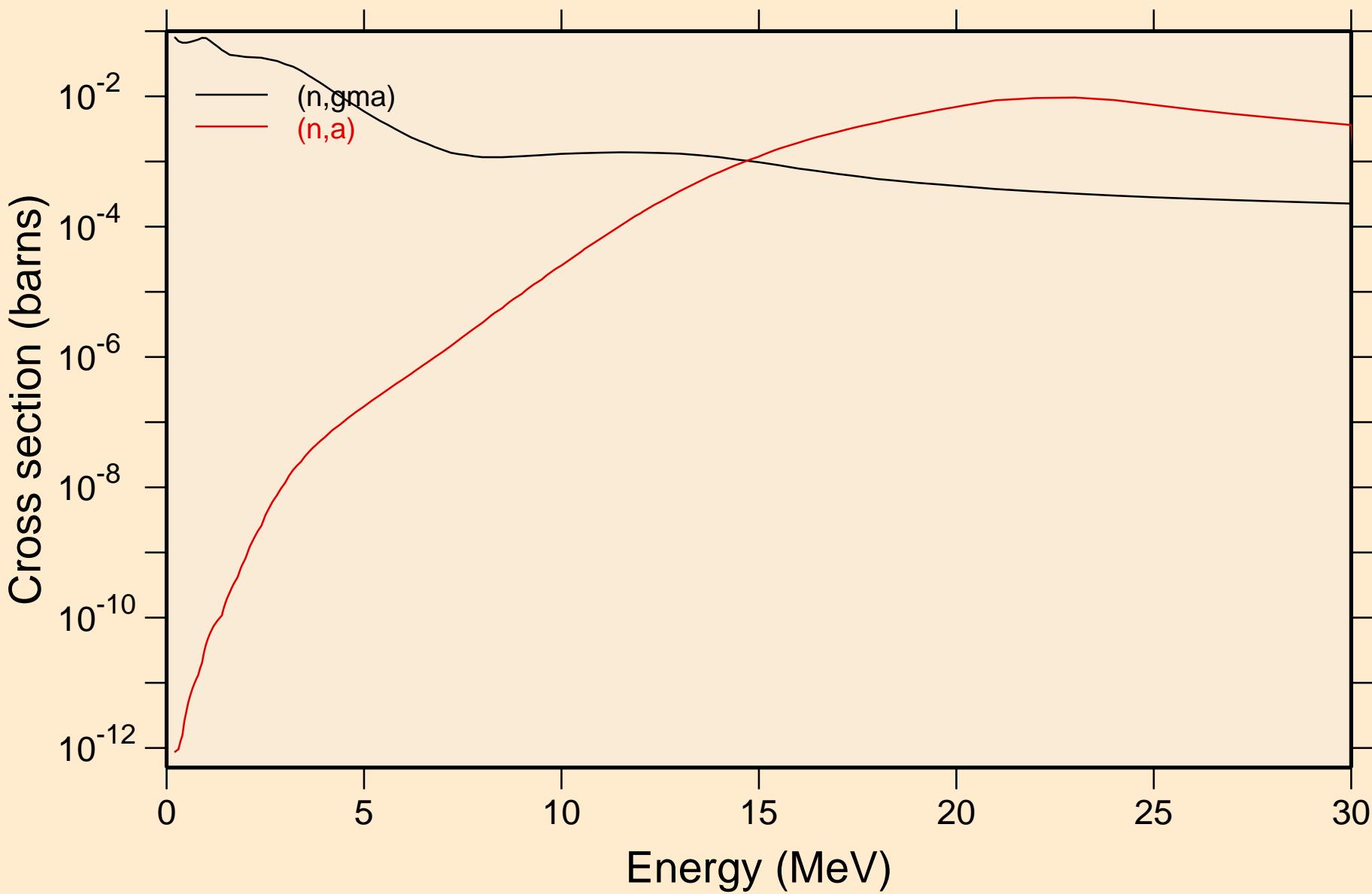


# GD158 NRG TENDL-2015, AKONING

## Principal cross sections

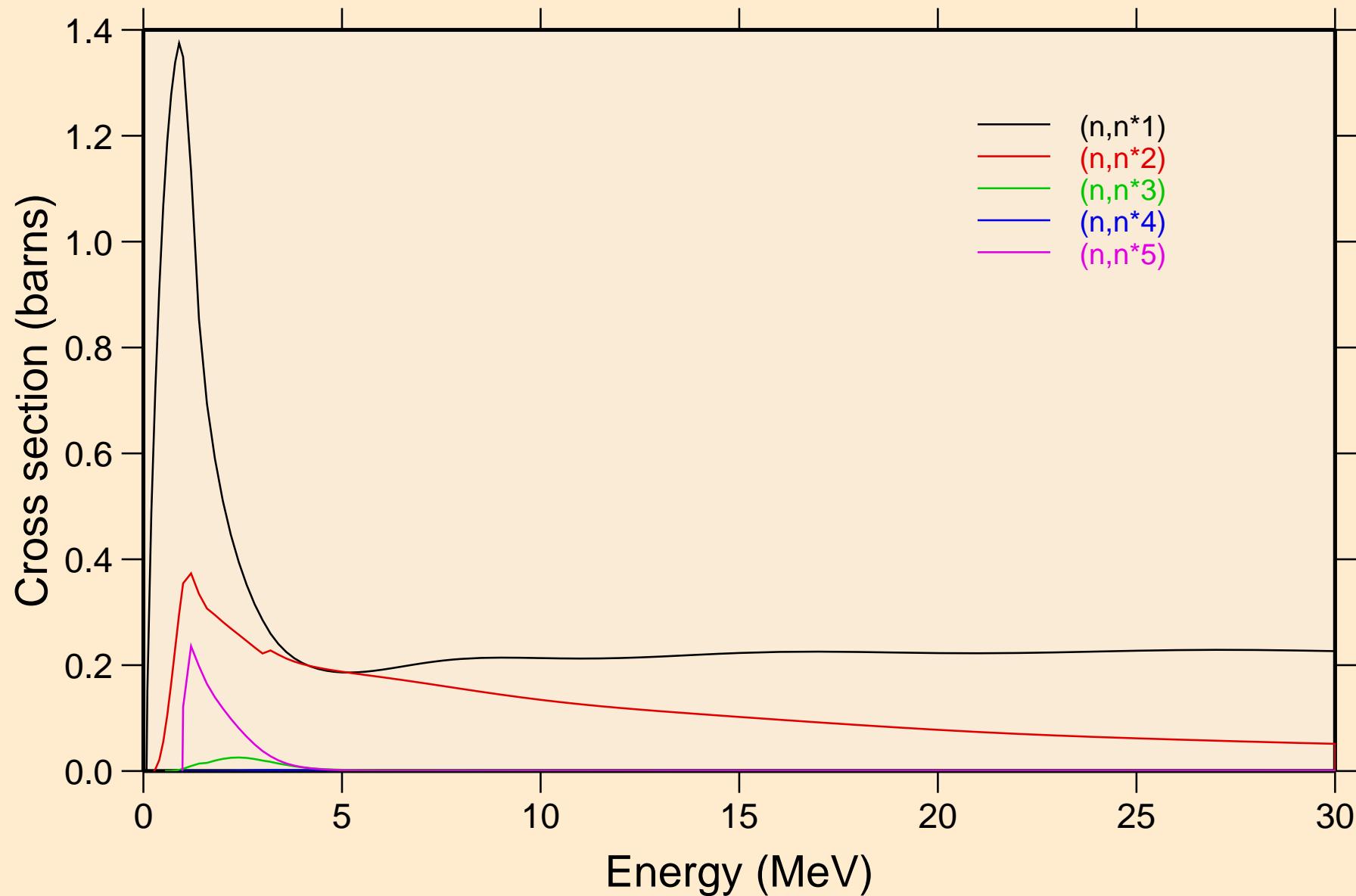


GD158 NRG TENDL-2015, AKONING  
Non-threshold reactions



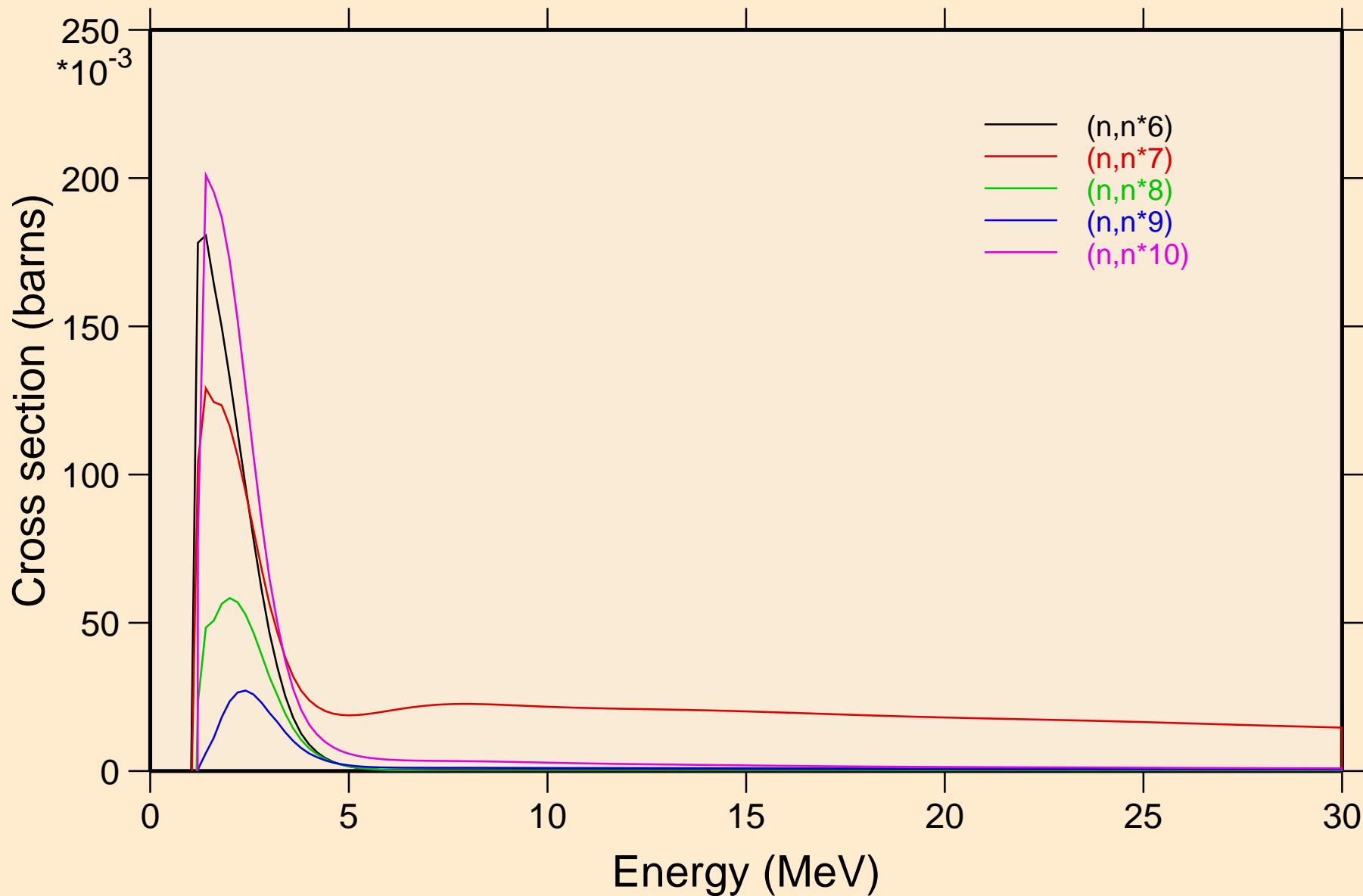
# GD158 NRG TENDL-2015, AKONING

## Inelastic levels



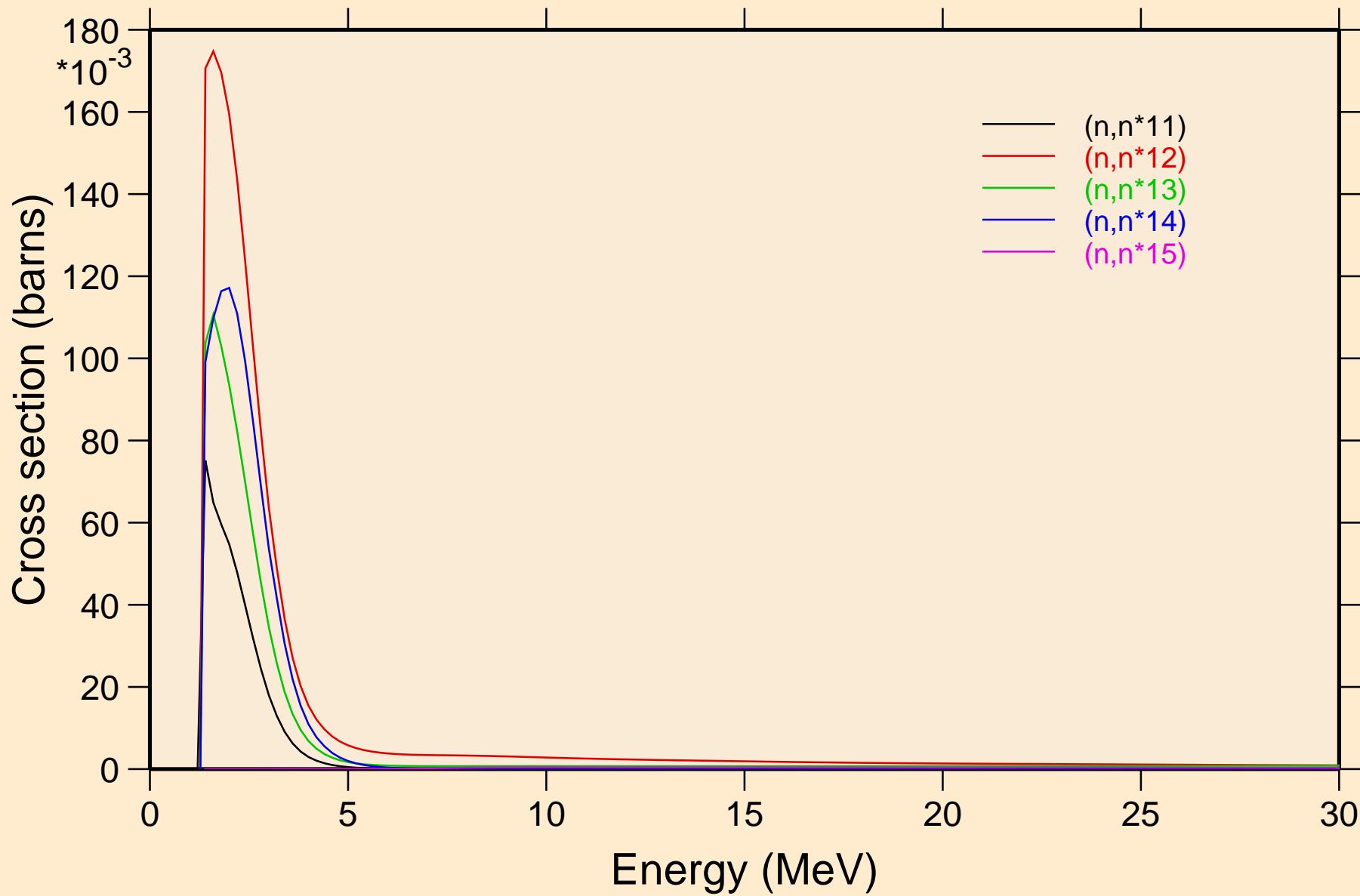
# GD158 NRG TENDL-2015, AKONING

## Inelastic levels



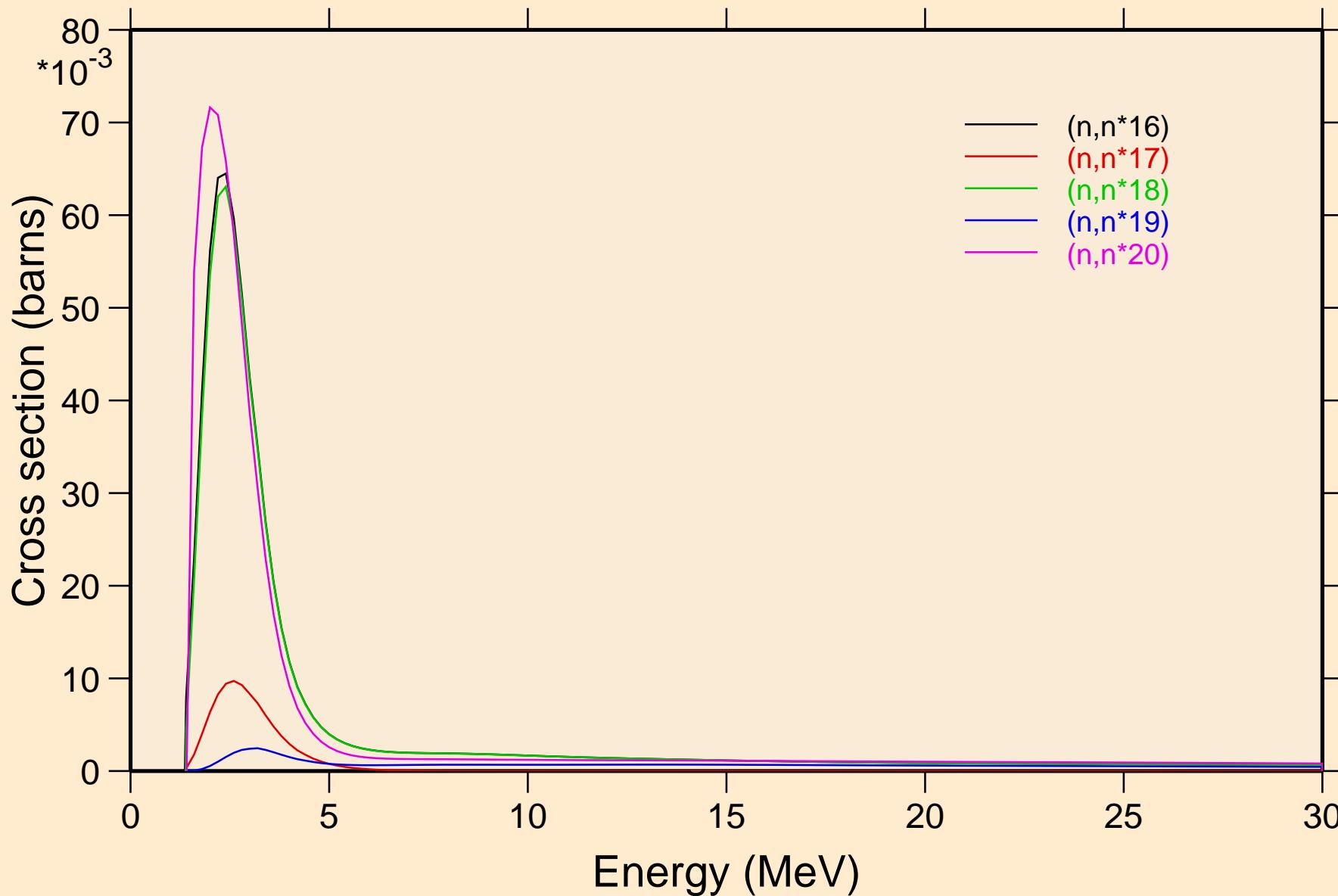
# GD158 NRG TENDL-2015, AKONING

## Inelastic levels



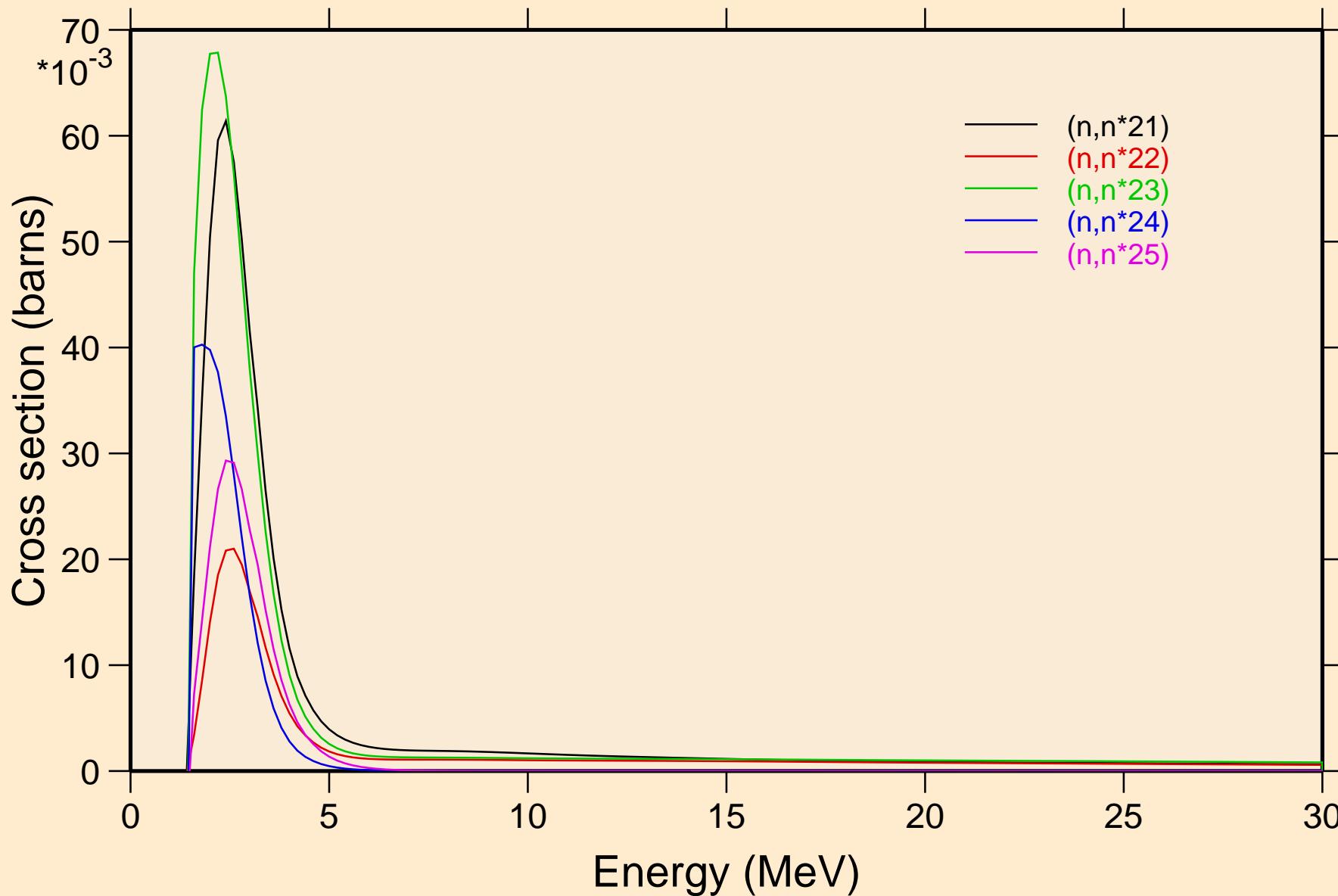
# GD158 NRG TENDL-2015, AKONING

## Inelastic levels



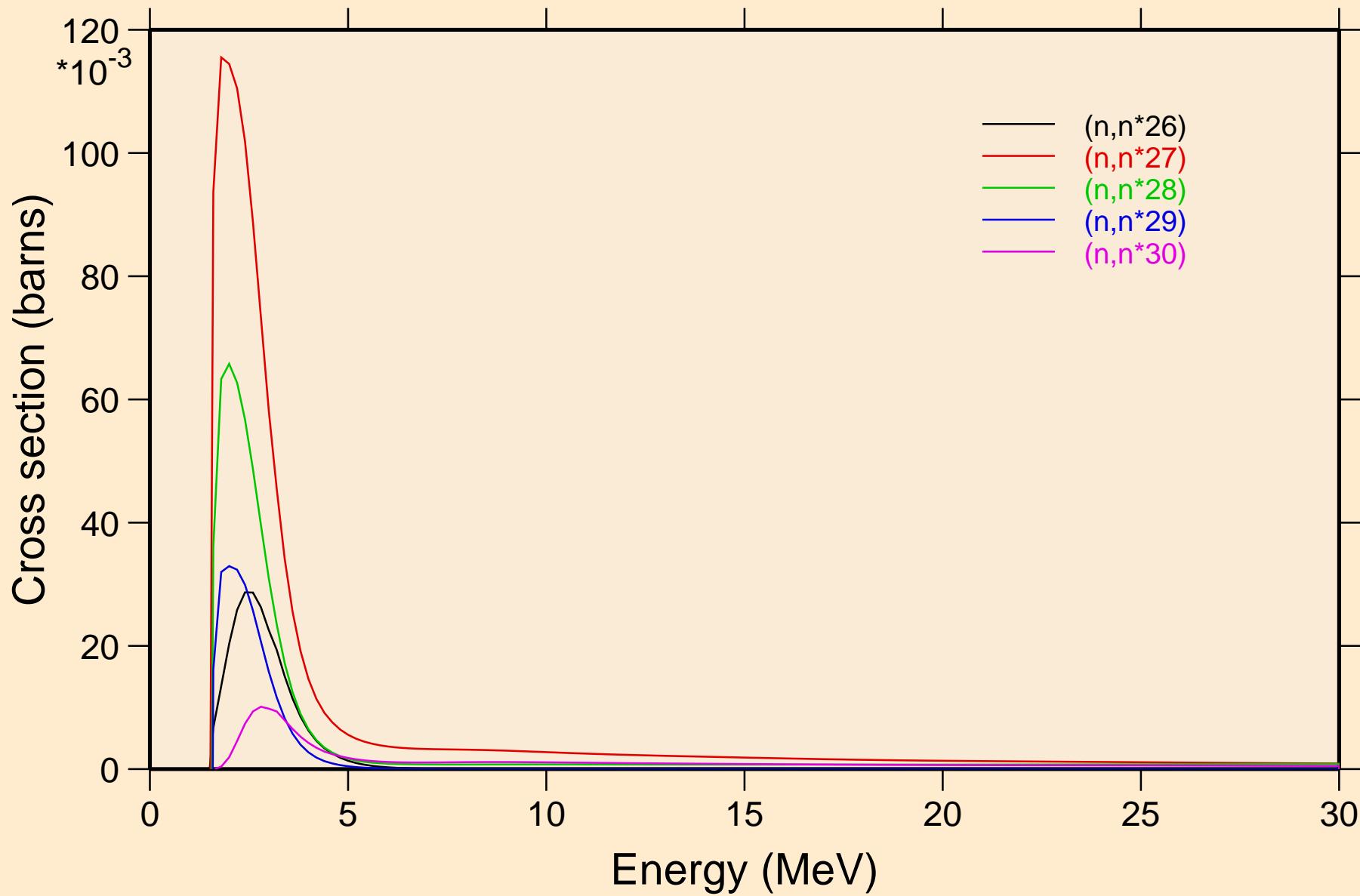
# GD158 NRG TENDL-2015, AKONING

## Inelastic levels



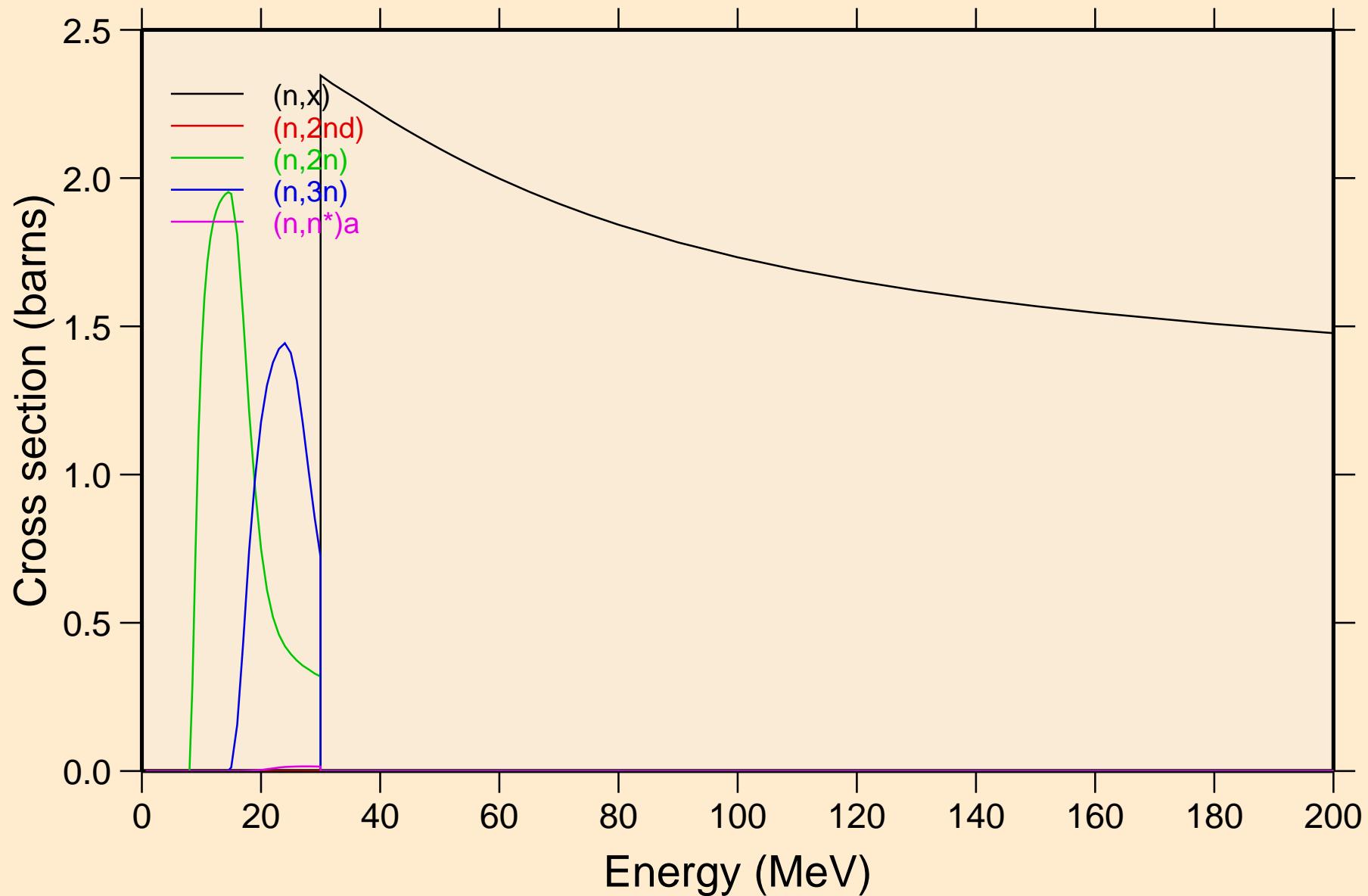
# GD158 NRG TENDL-2015, AKONING

## Inelastic levels



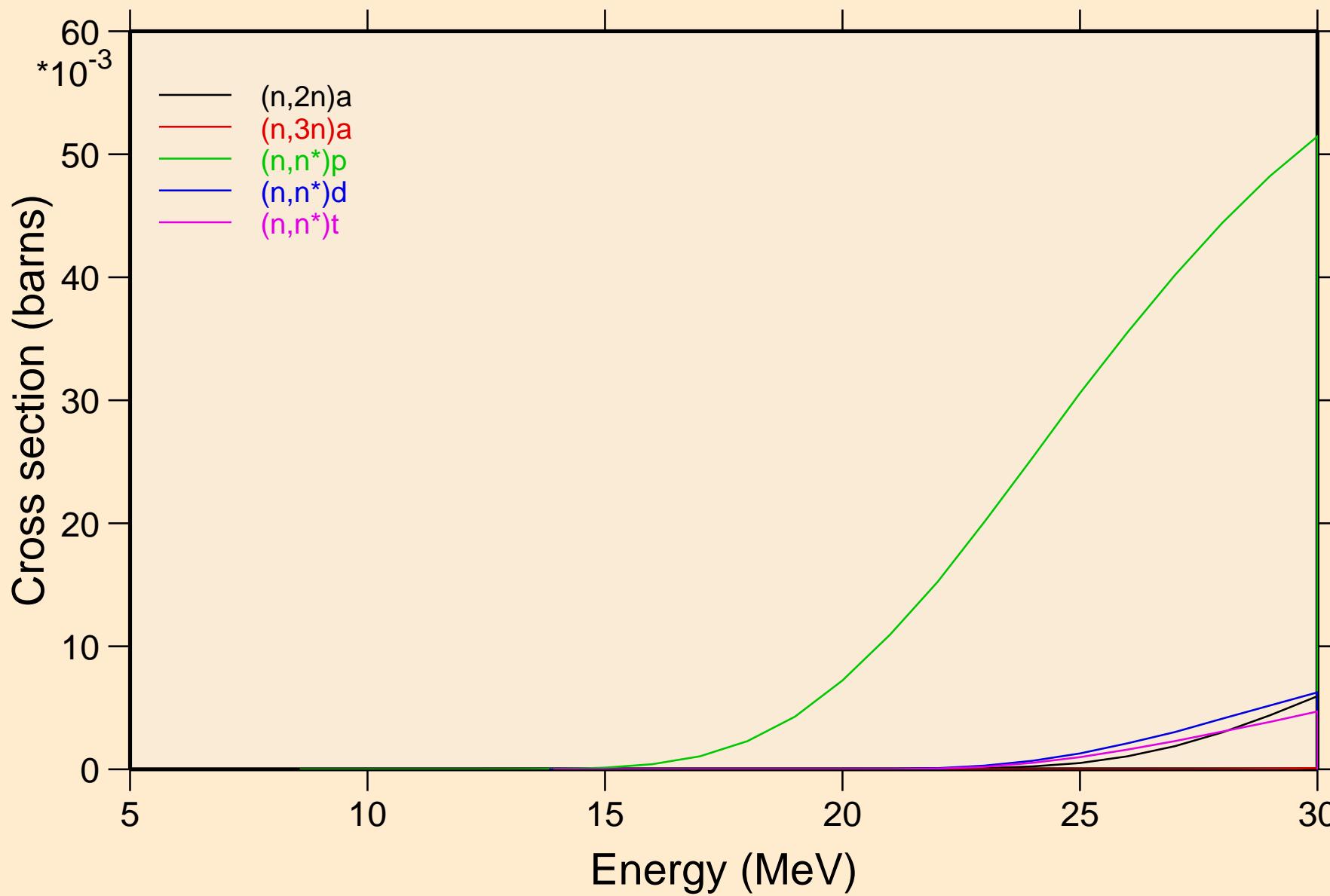
# GD158 NRG TENDL-2015, AKONING

## Threshold reactions



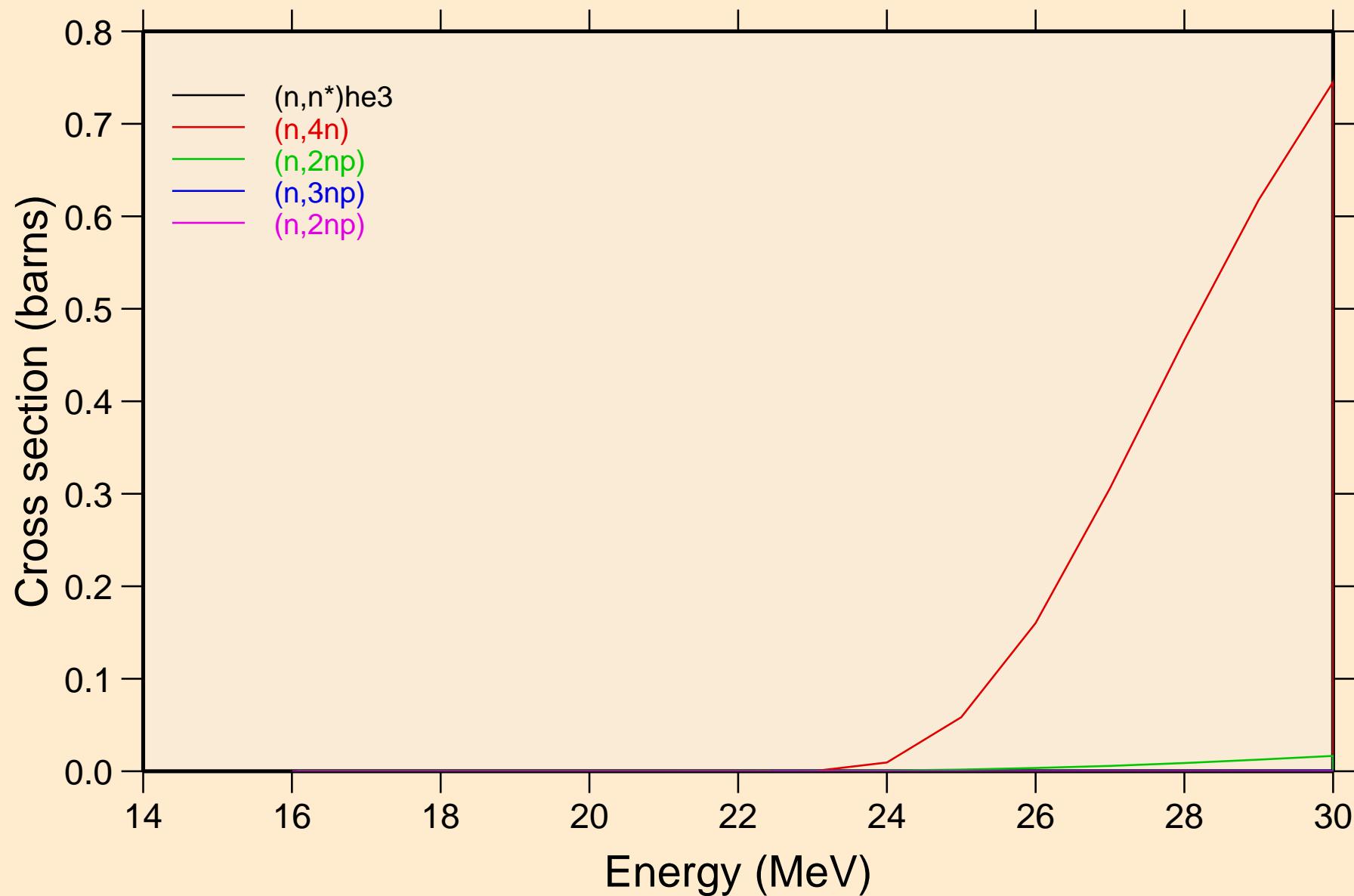
# GD158 NRG TENDL-2015, AKONING

## Threshold reactions



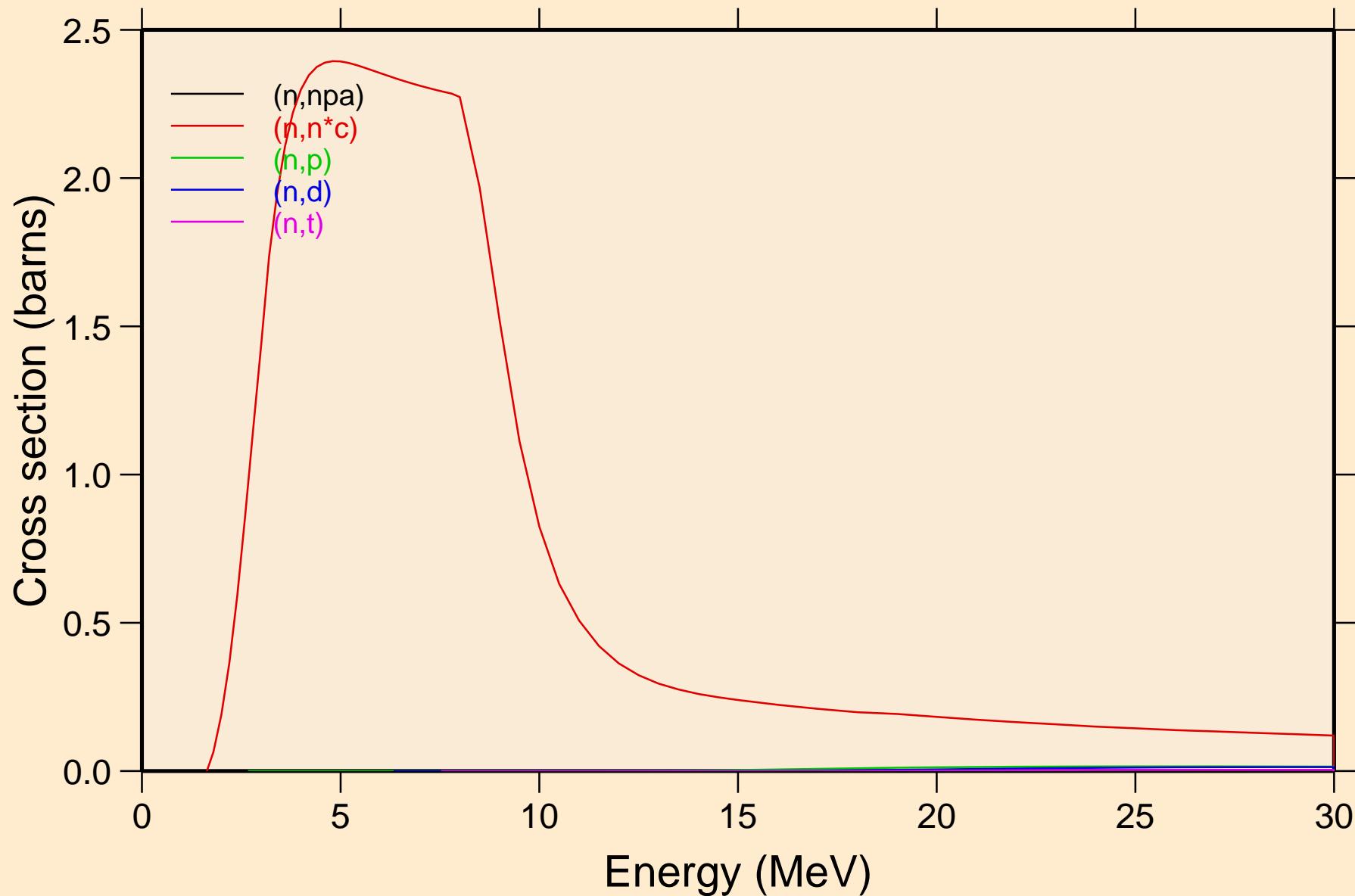
# GD158 NRG TENDL-2015, AKONING

## Threshold reactions



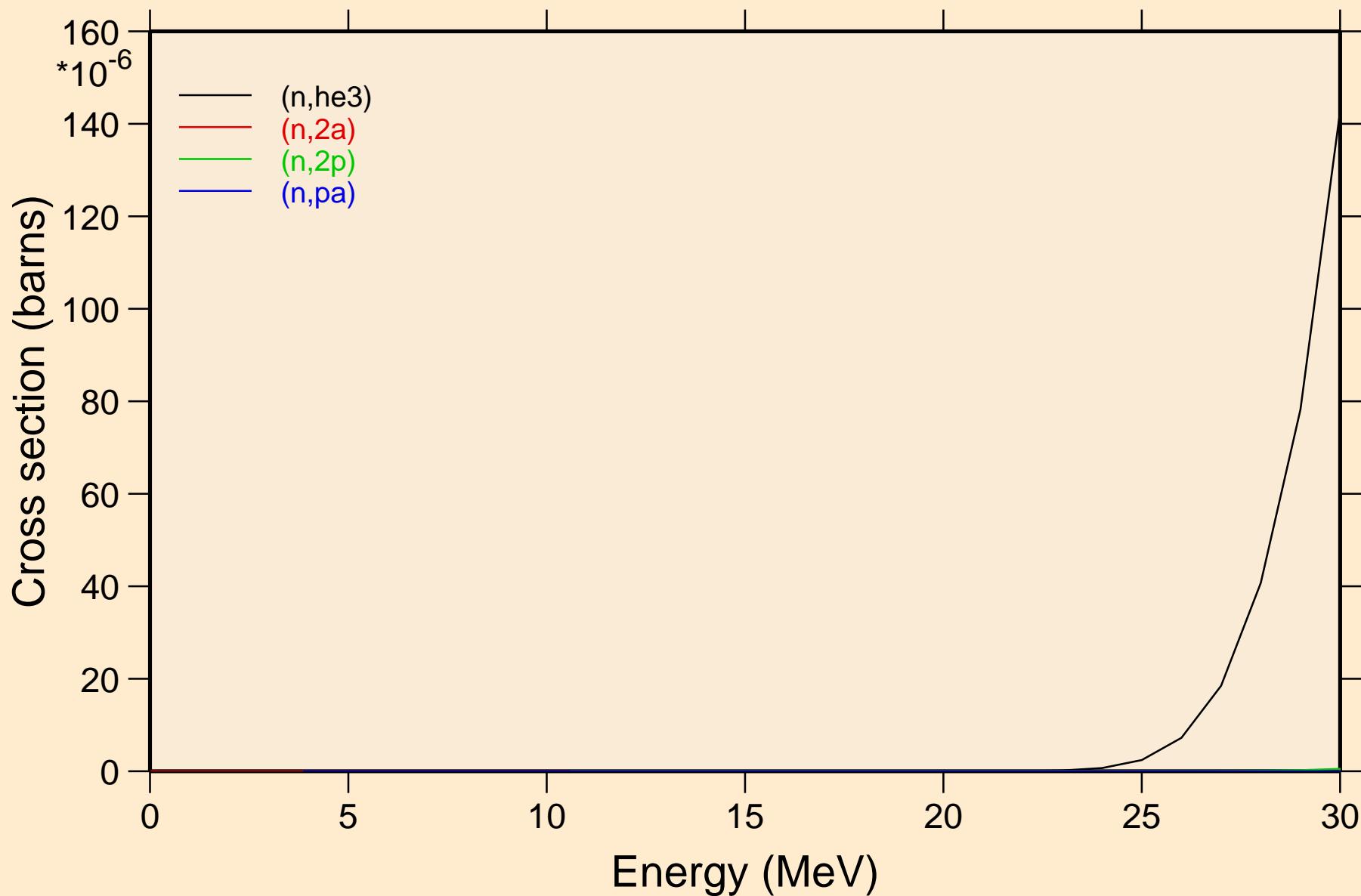
# GD158 NRG TENDL-2015, AKONING

## Threshold reactions

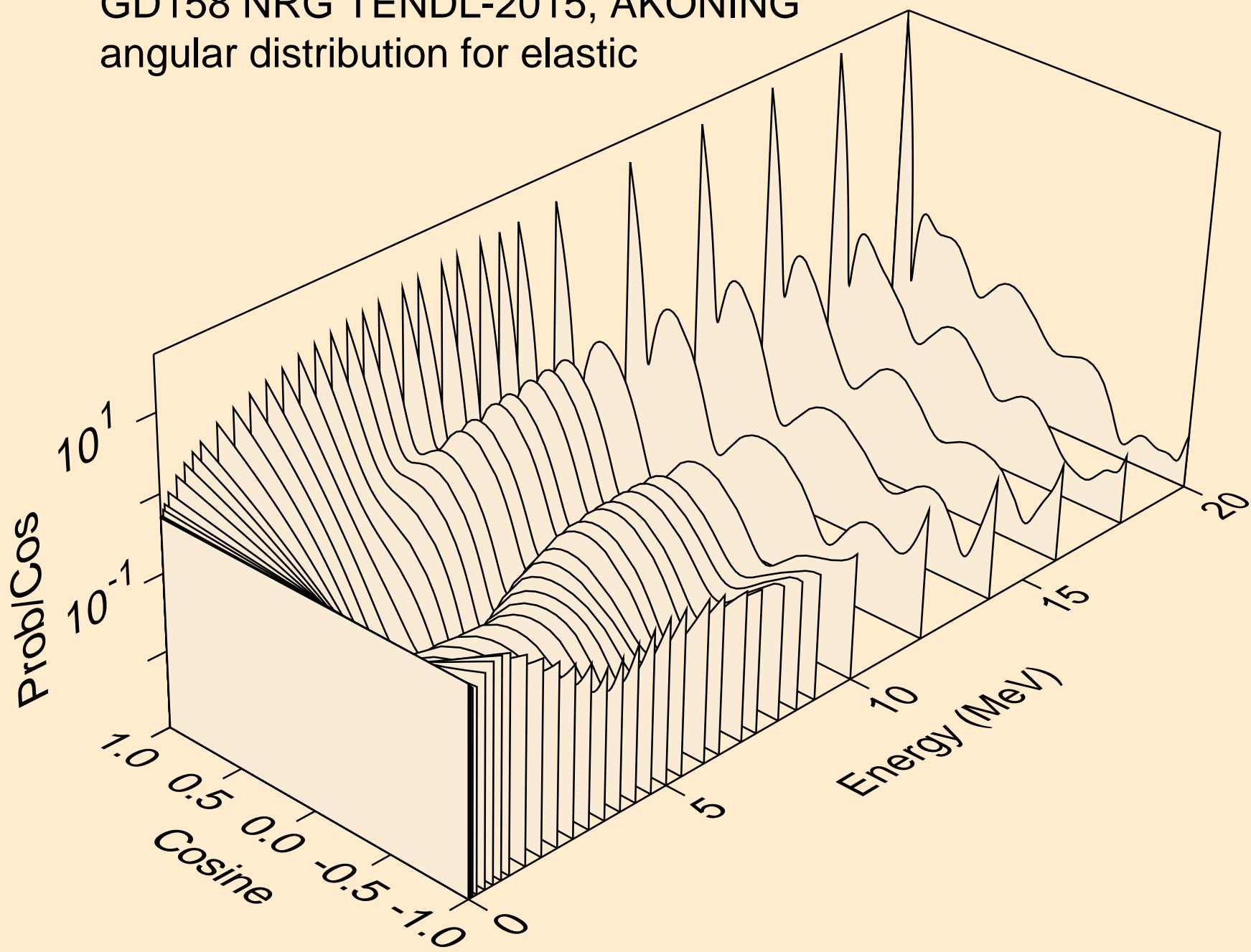


# GD158 NRG TENDL-2015, AKONING

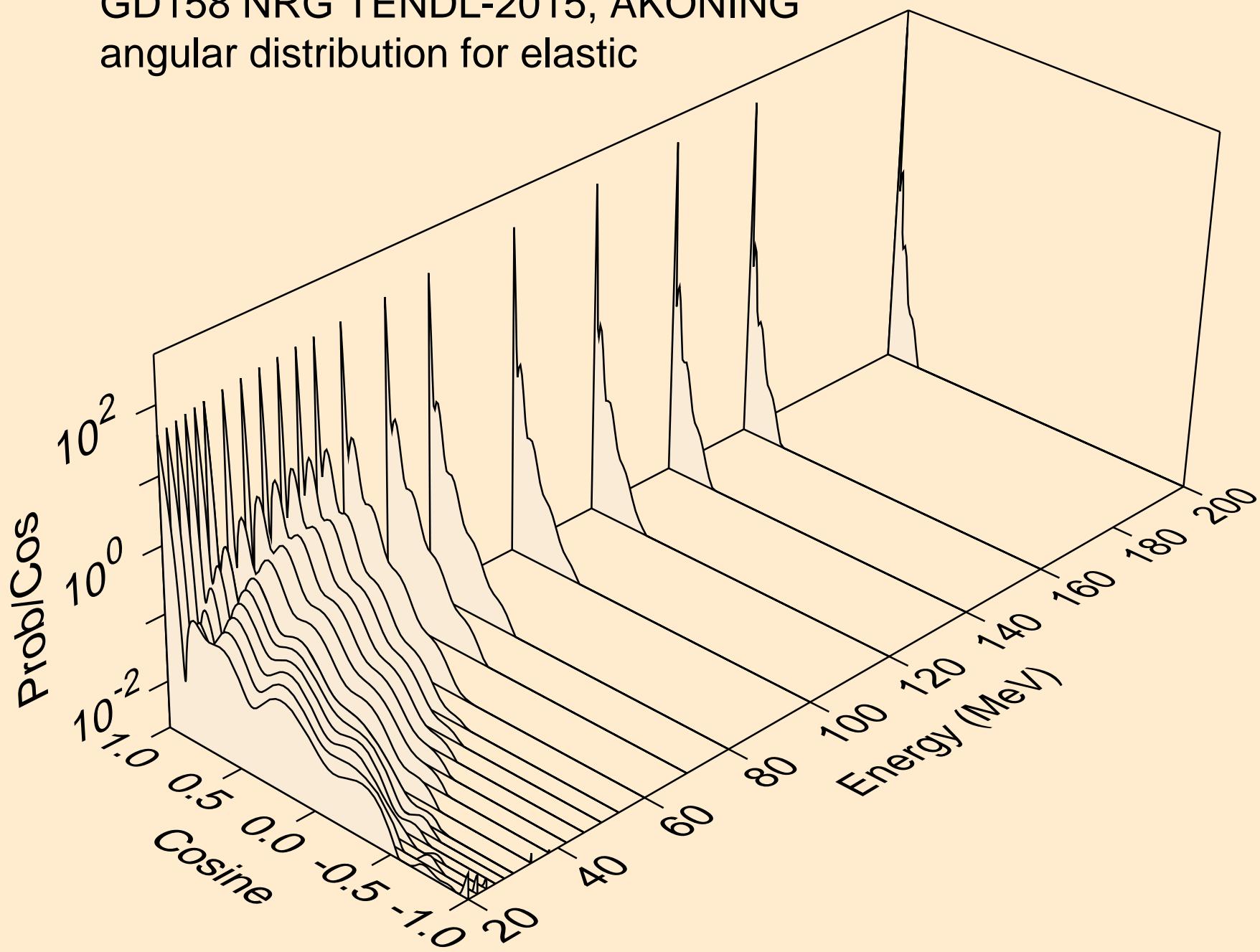
## Threshold reactions



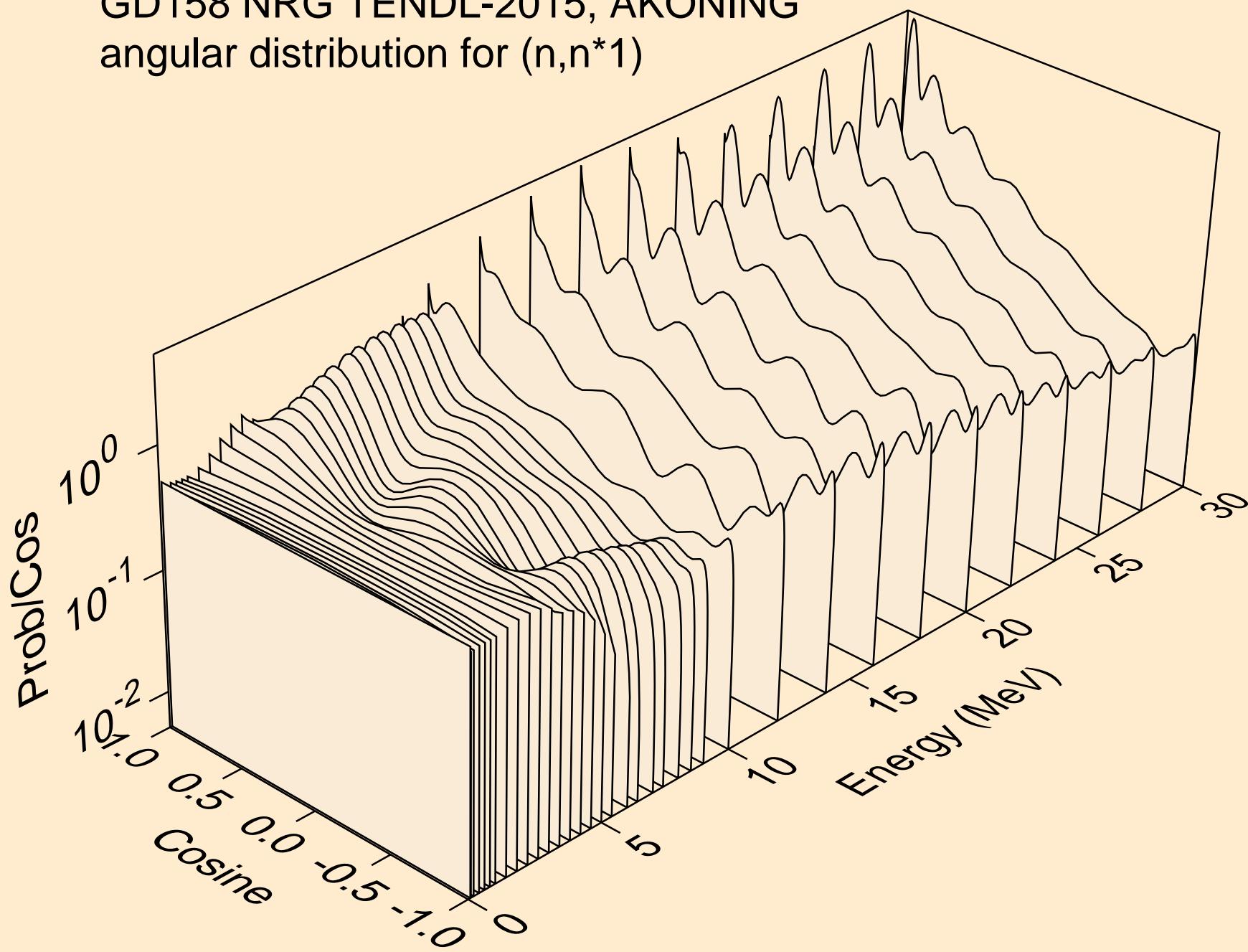
GD158 NRG TENDL-2015, AKONING  
angular distribution for elastic



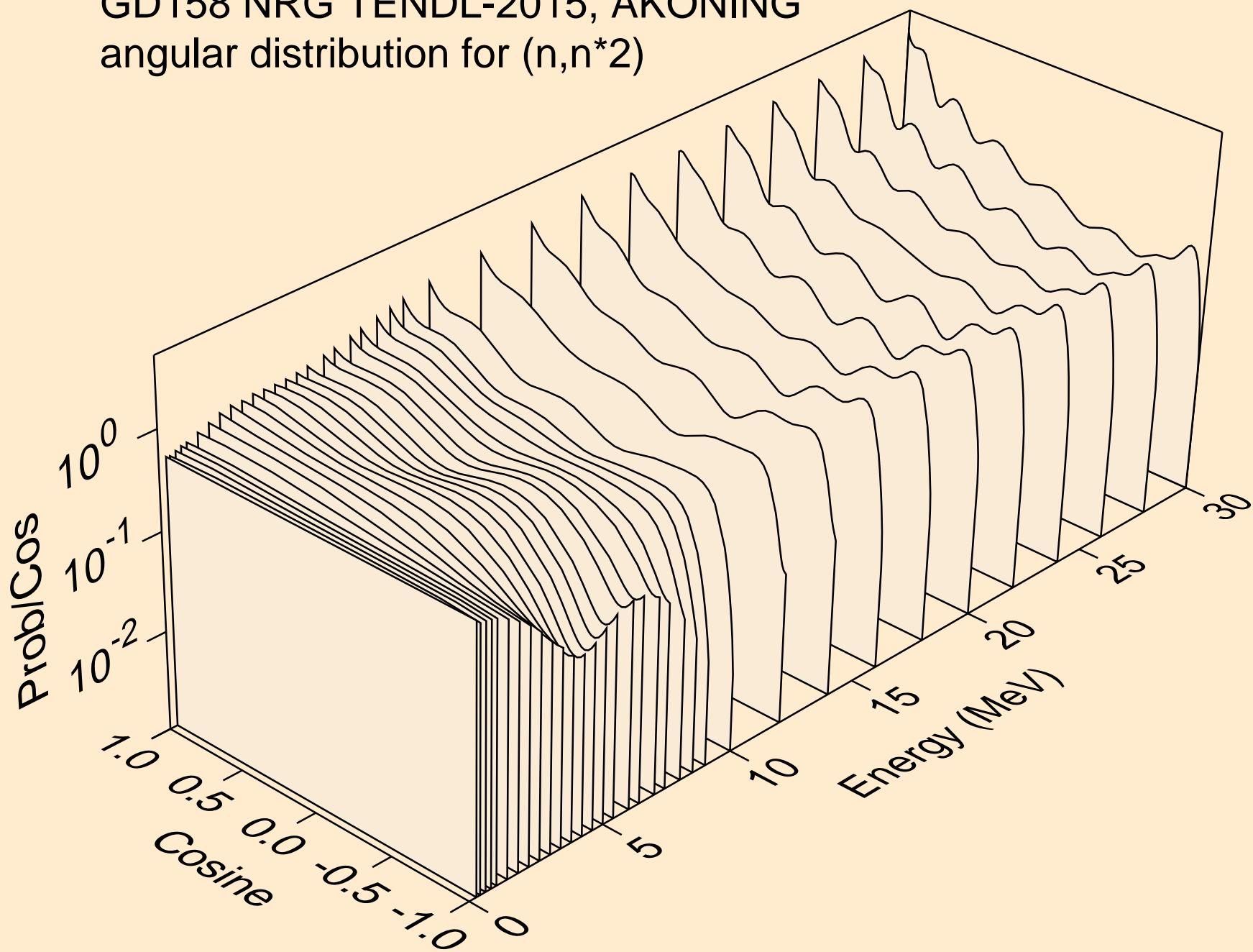
GD158 NRG TENDL-2015, AKONING  
angular distribution for elastic



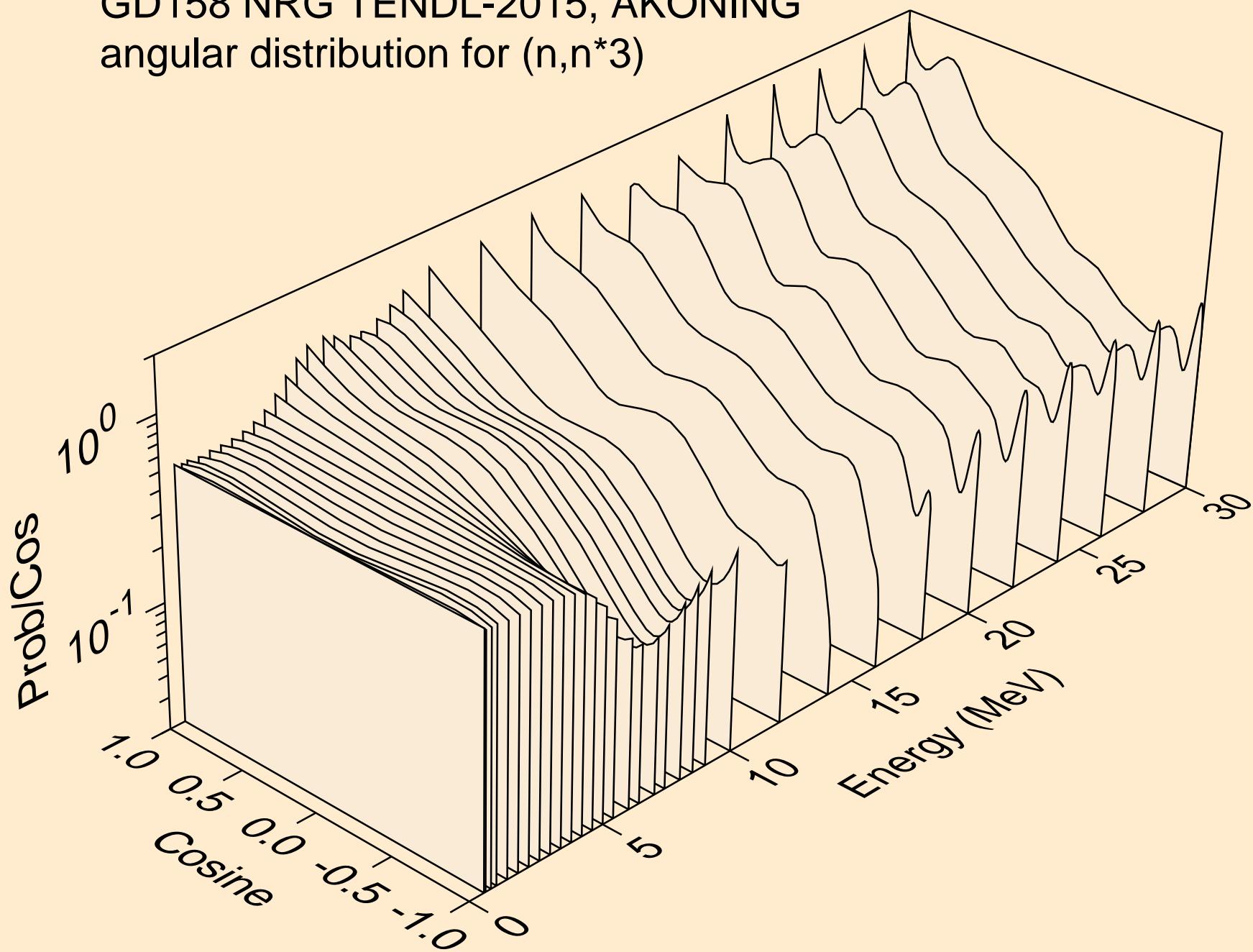
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)$



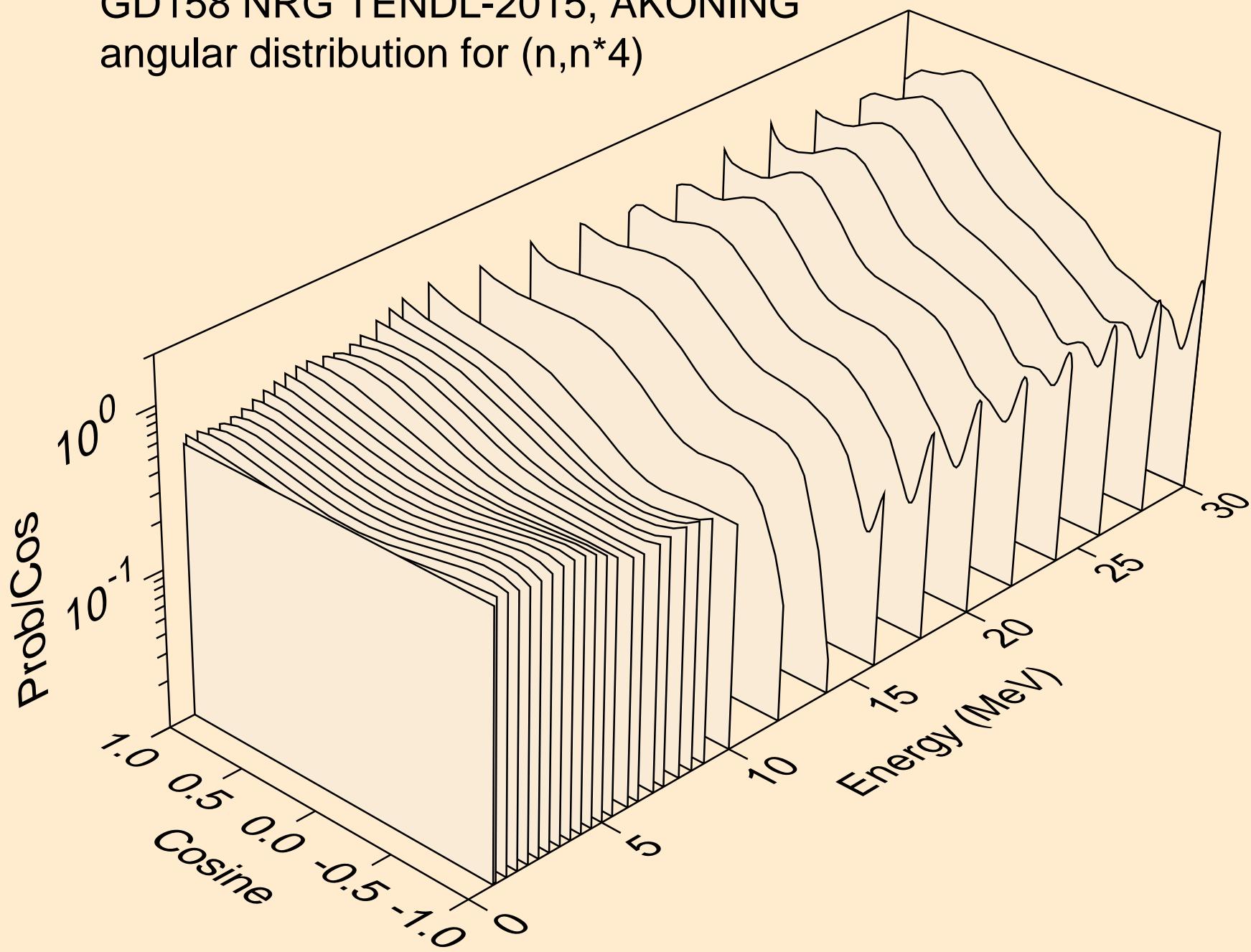
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^2$



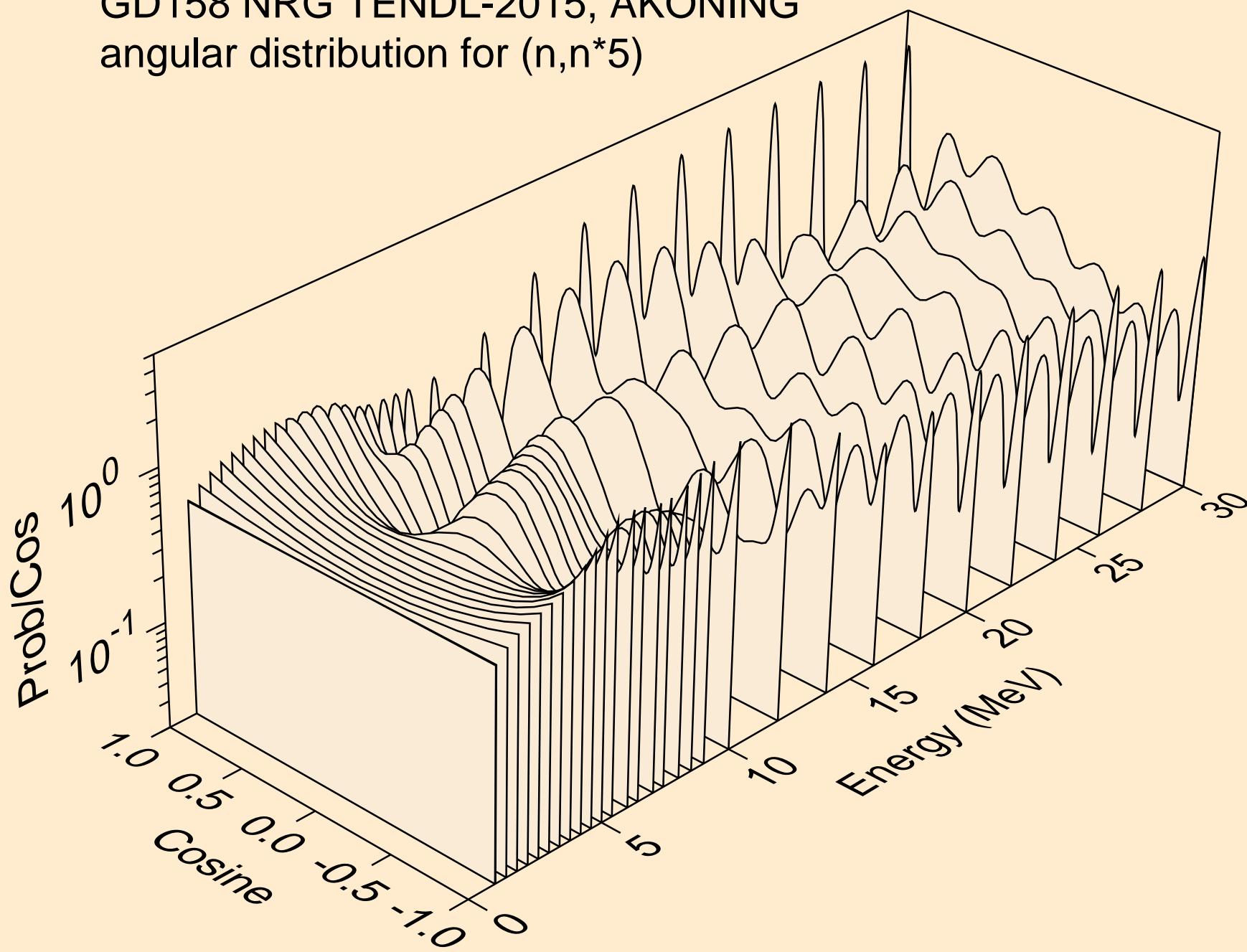
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



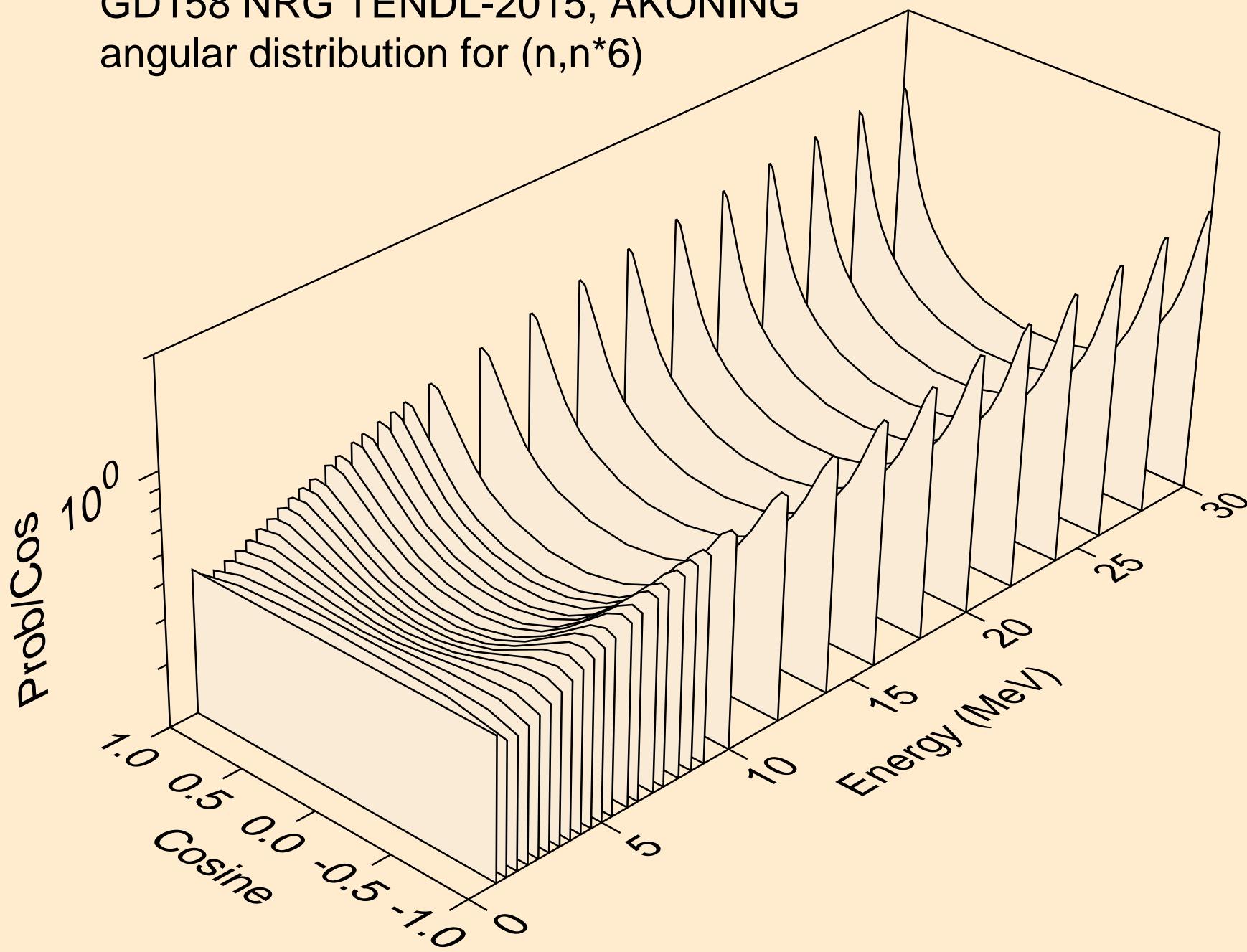
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



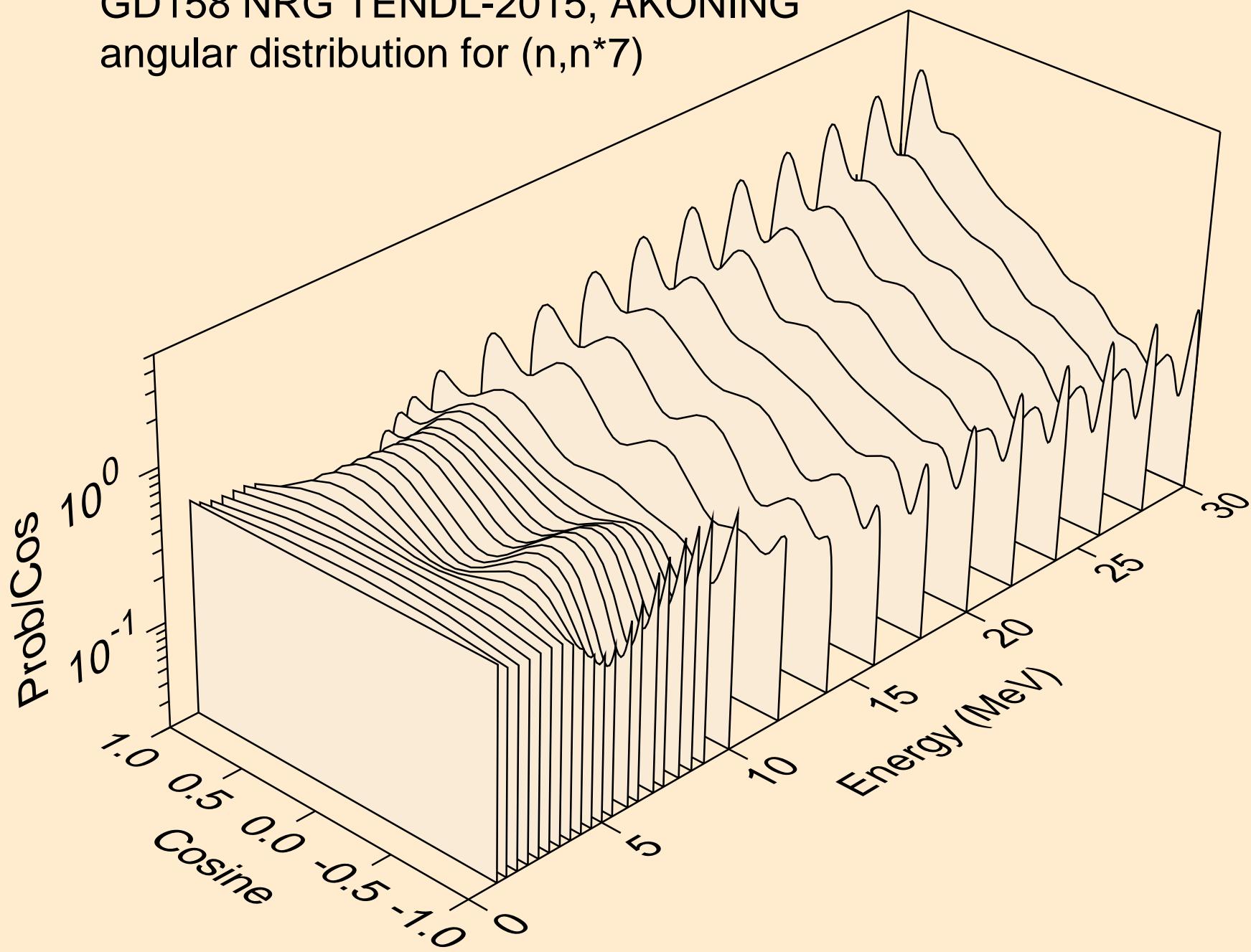
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



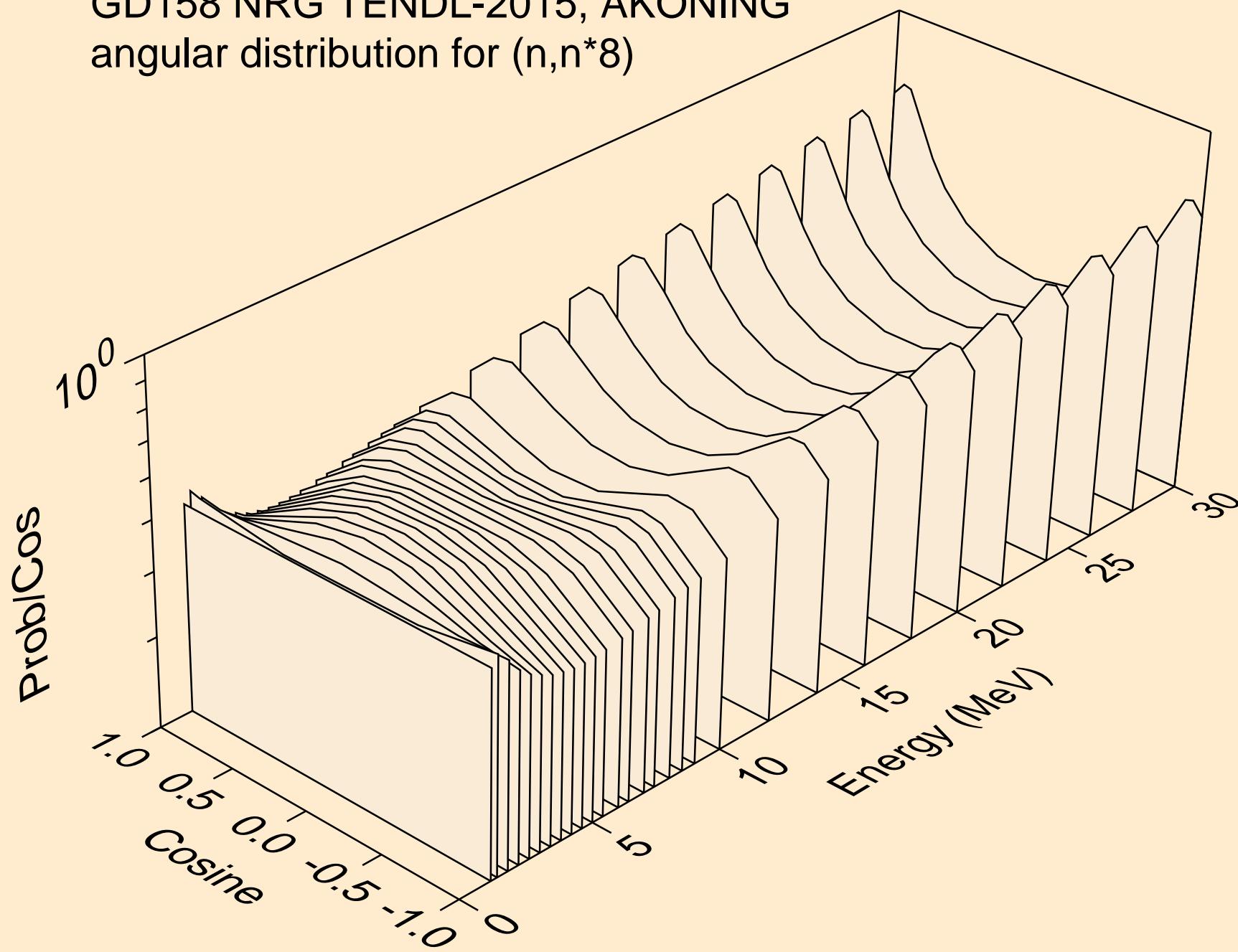
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



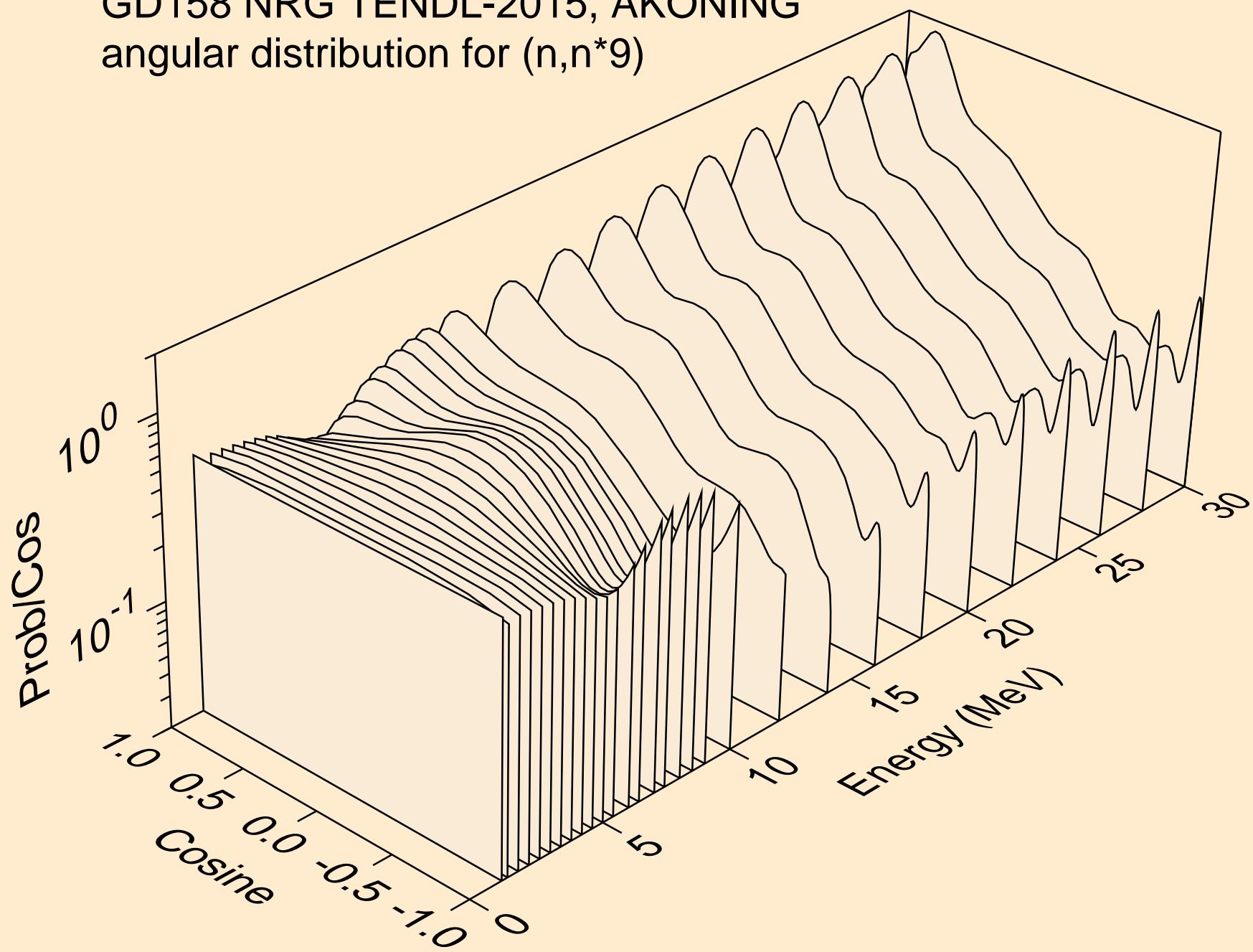
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



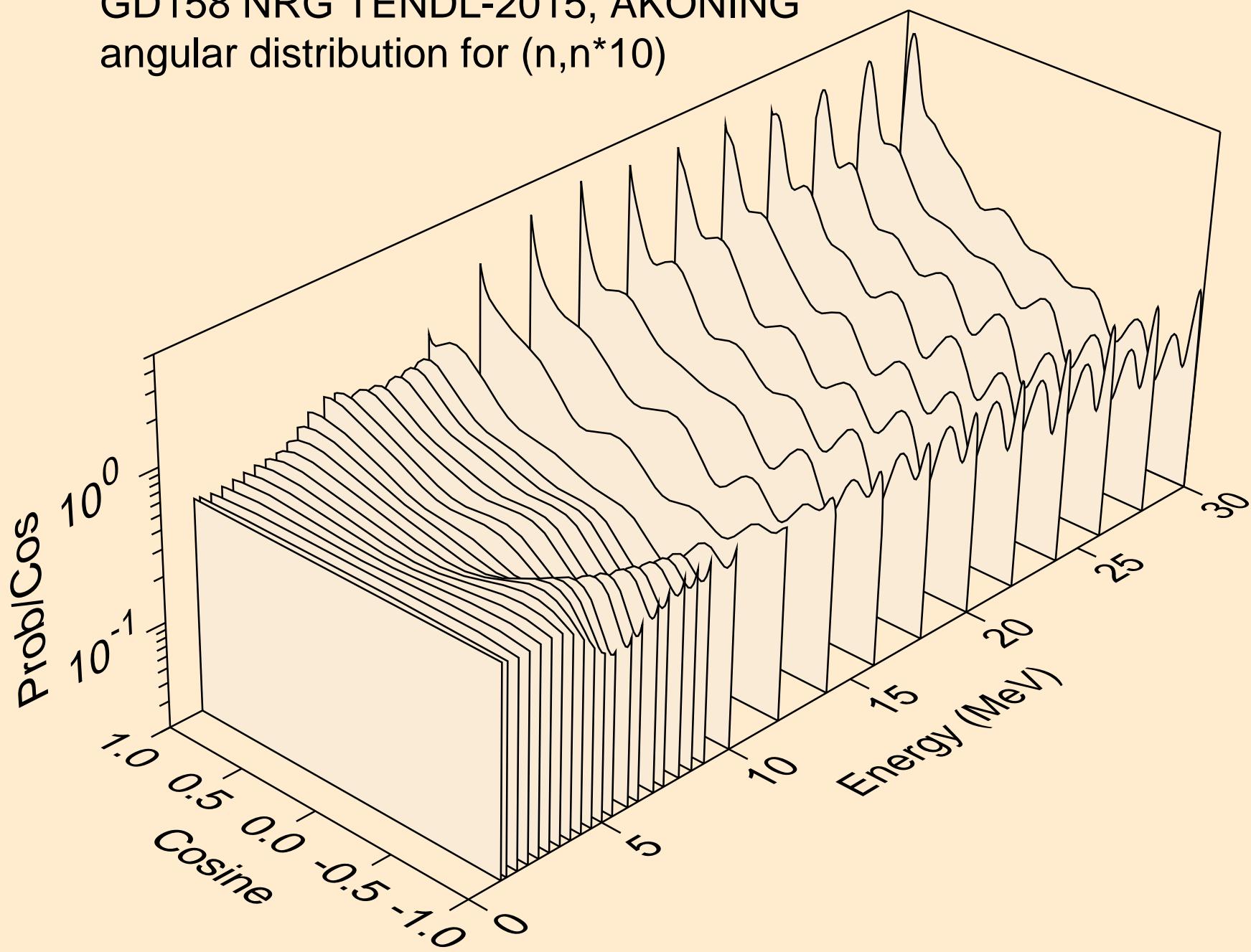
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



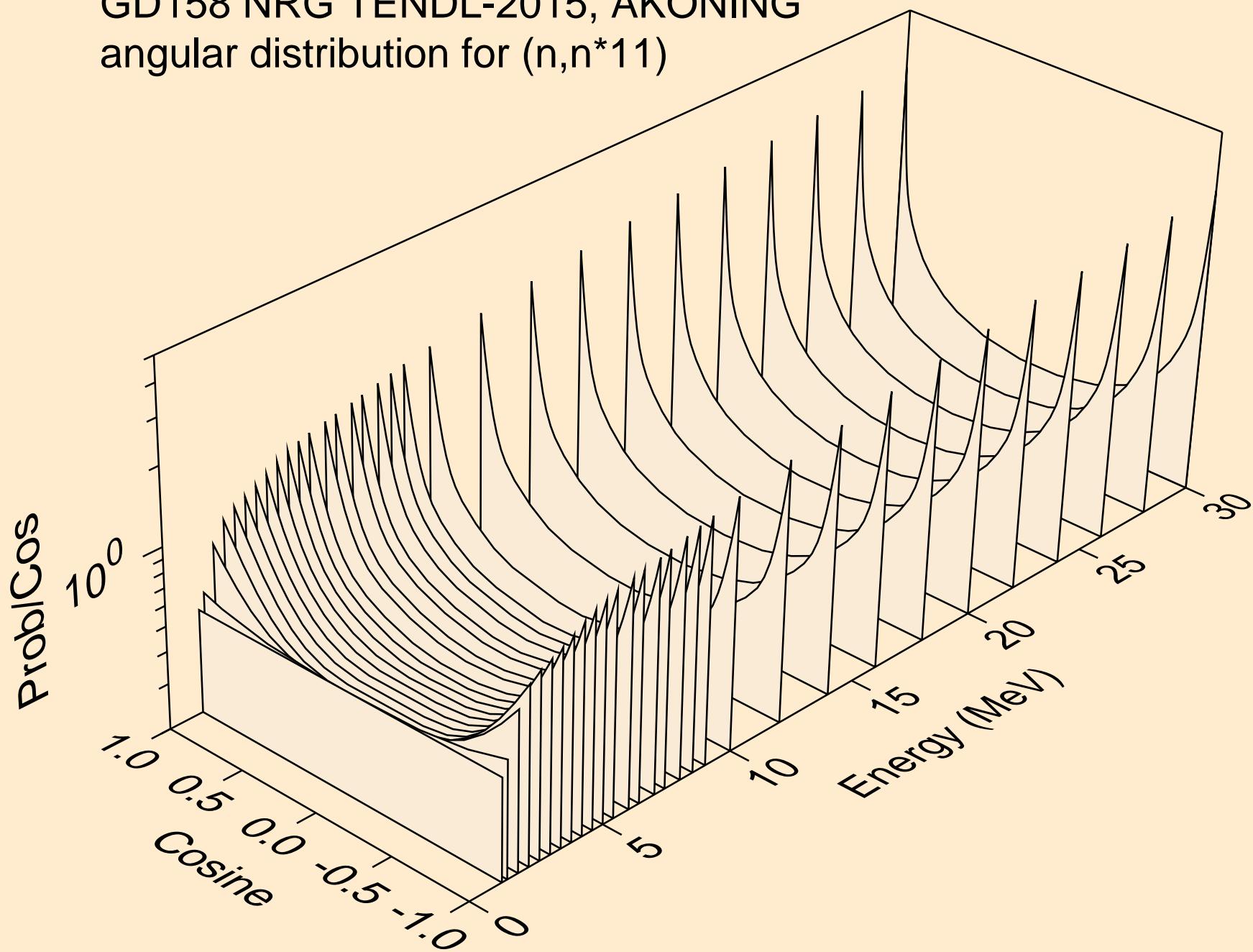
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)9$



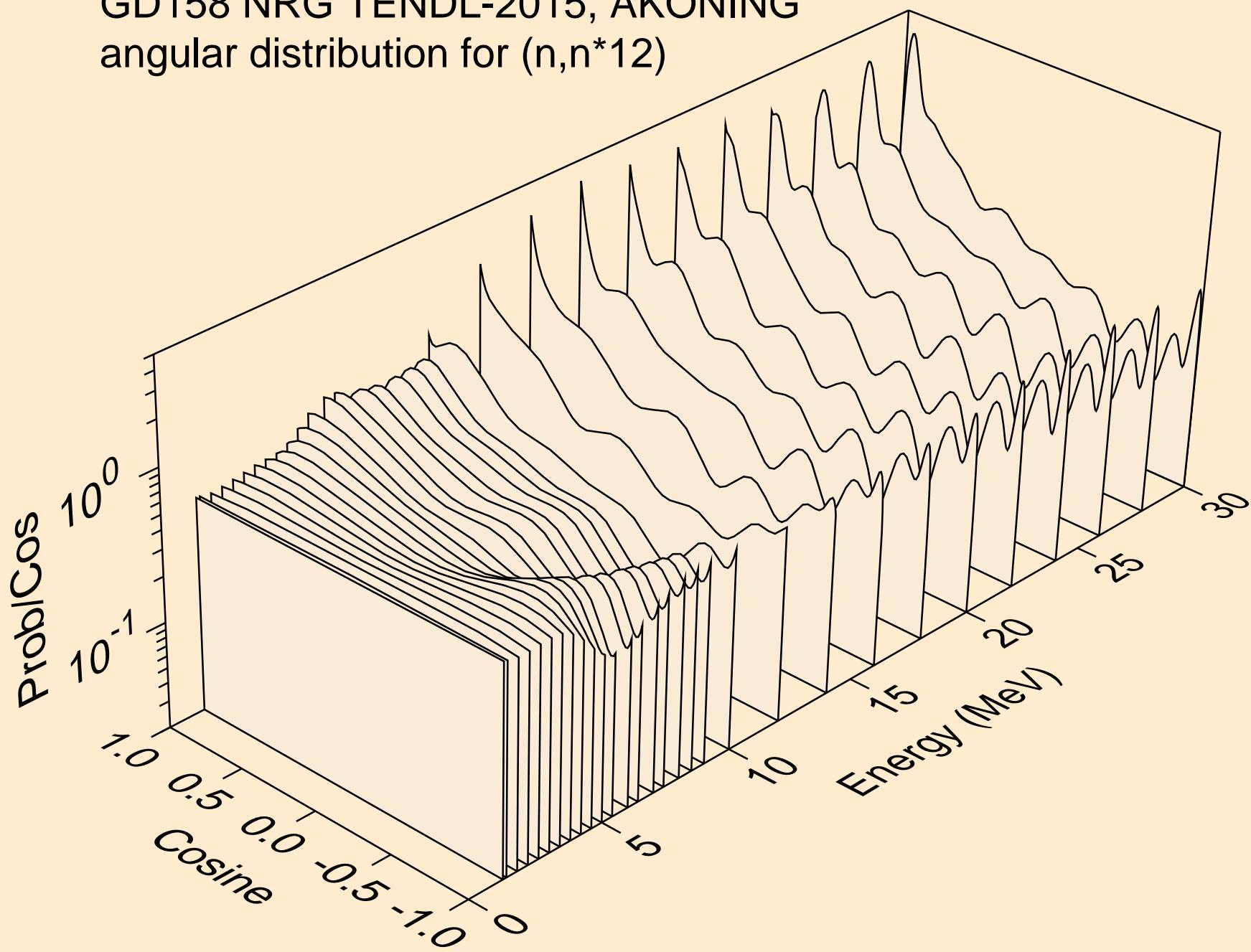
GD158 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



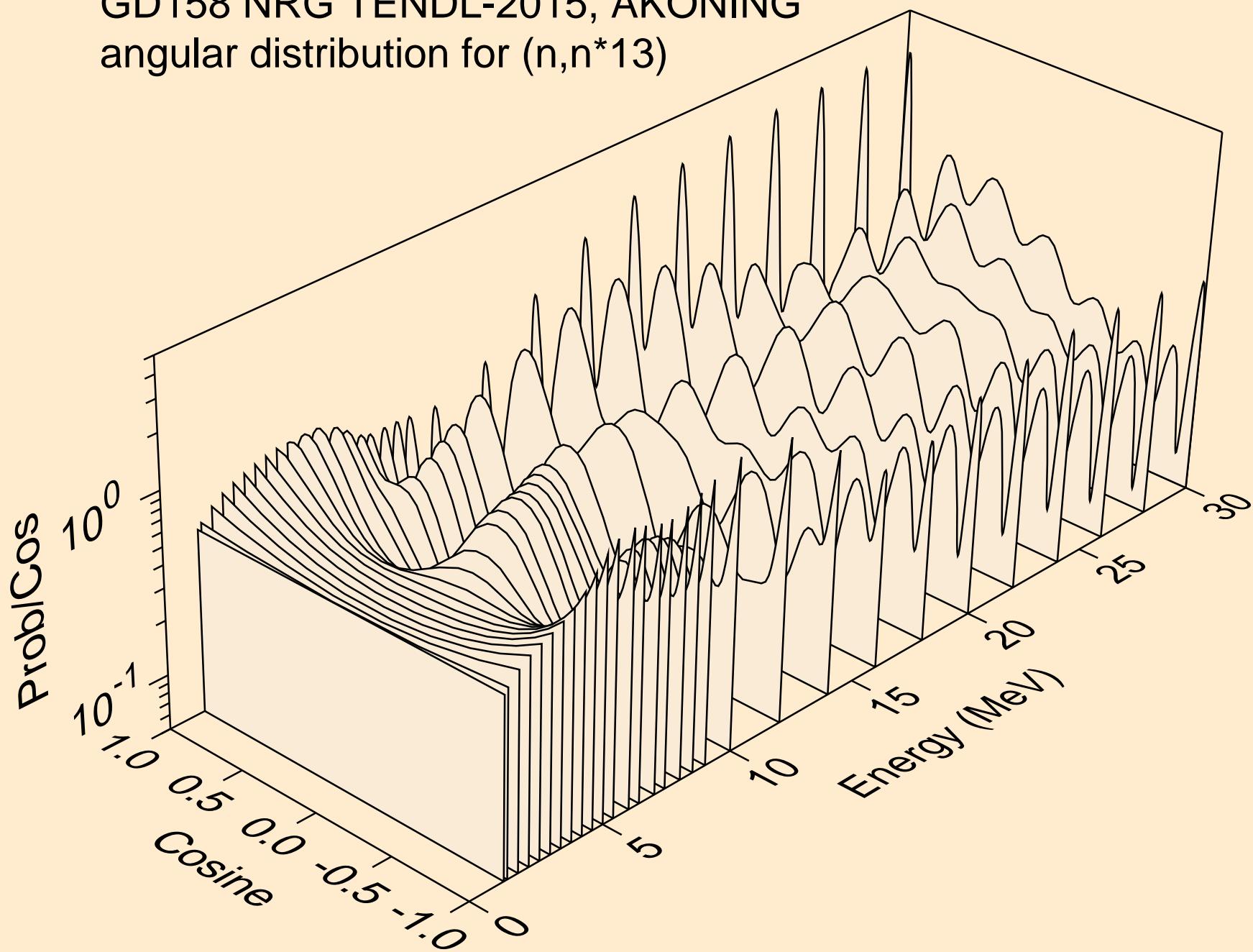
GD158 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



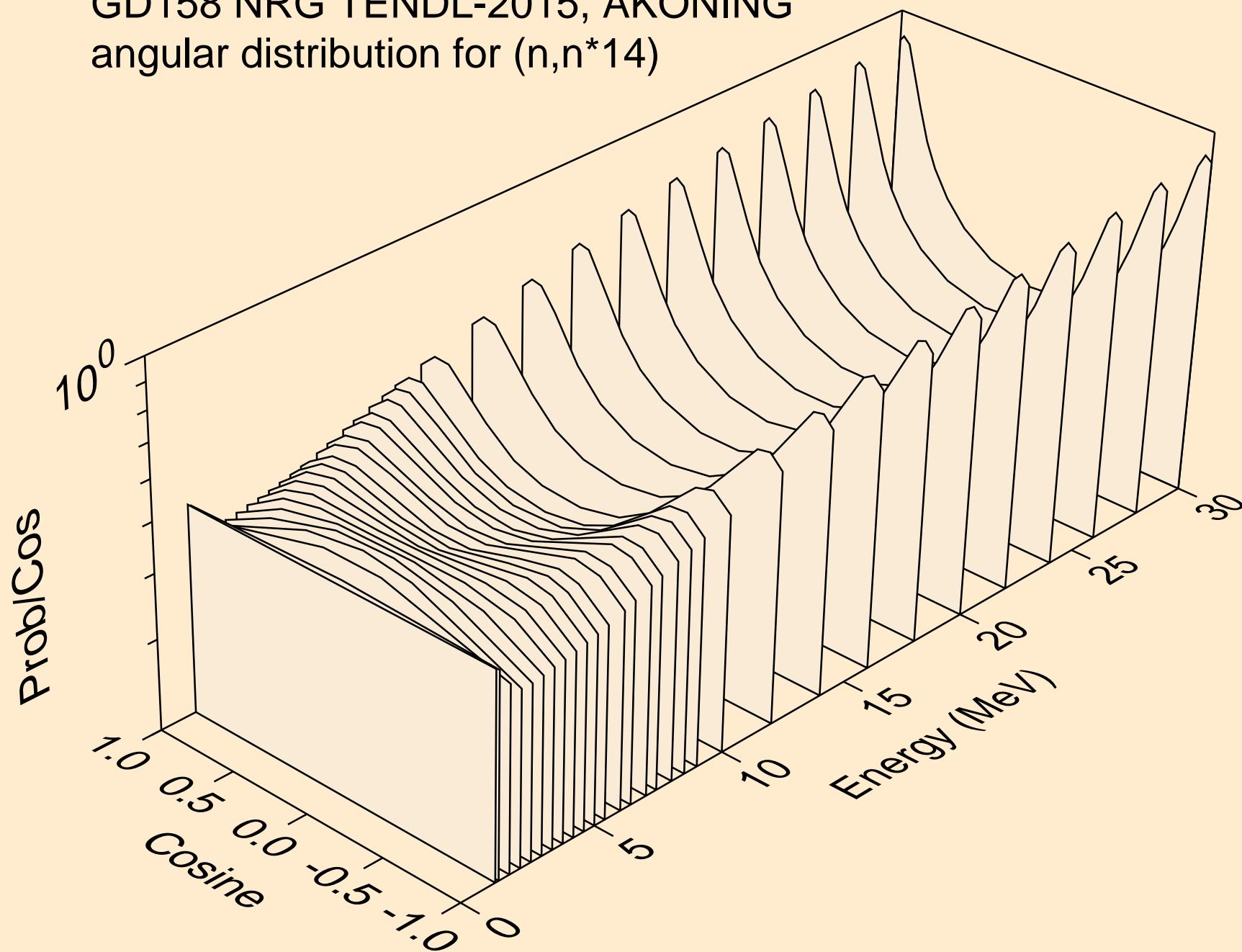
GD158 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



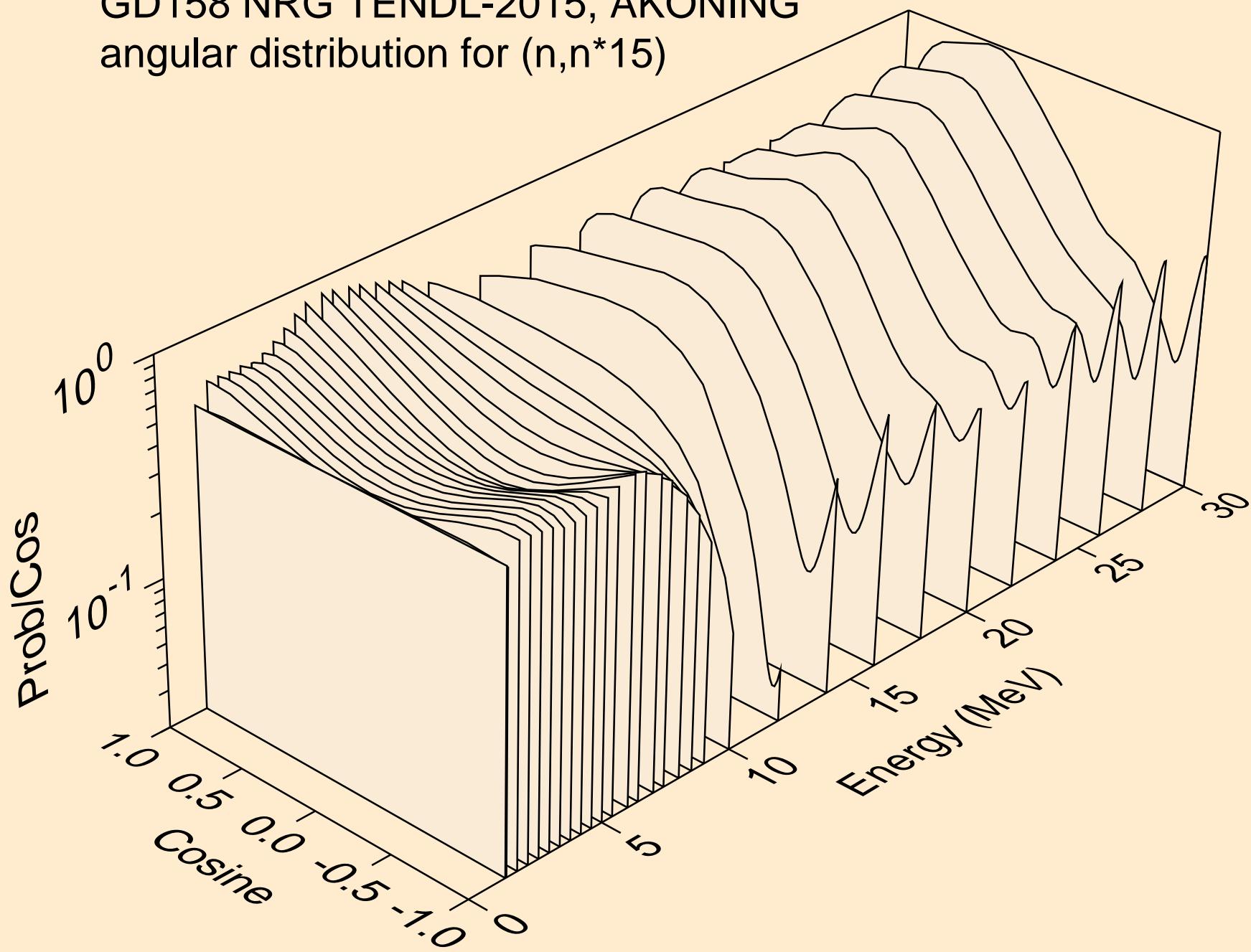
GD158 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



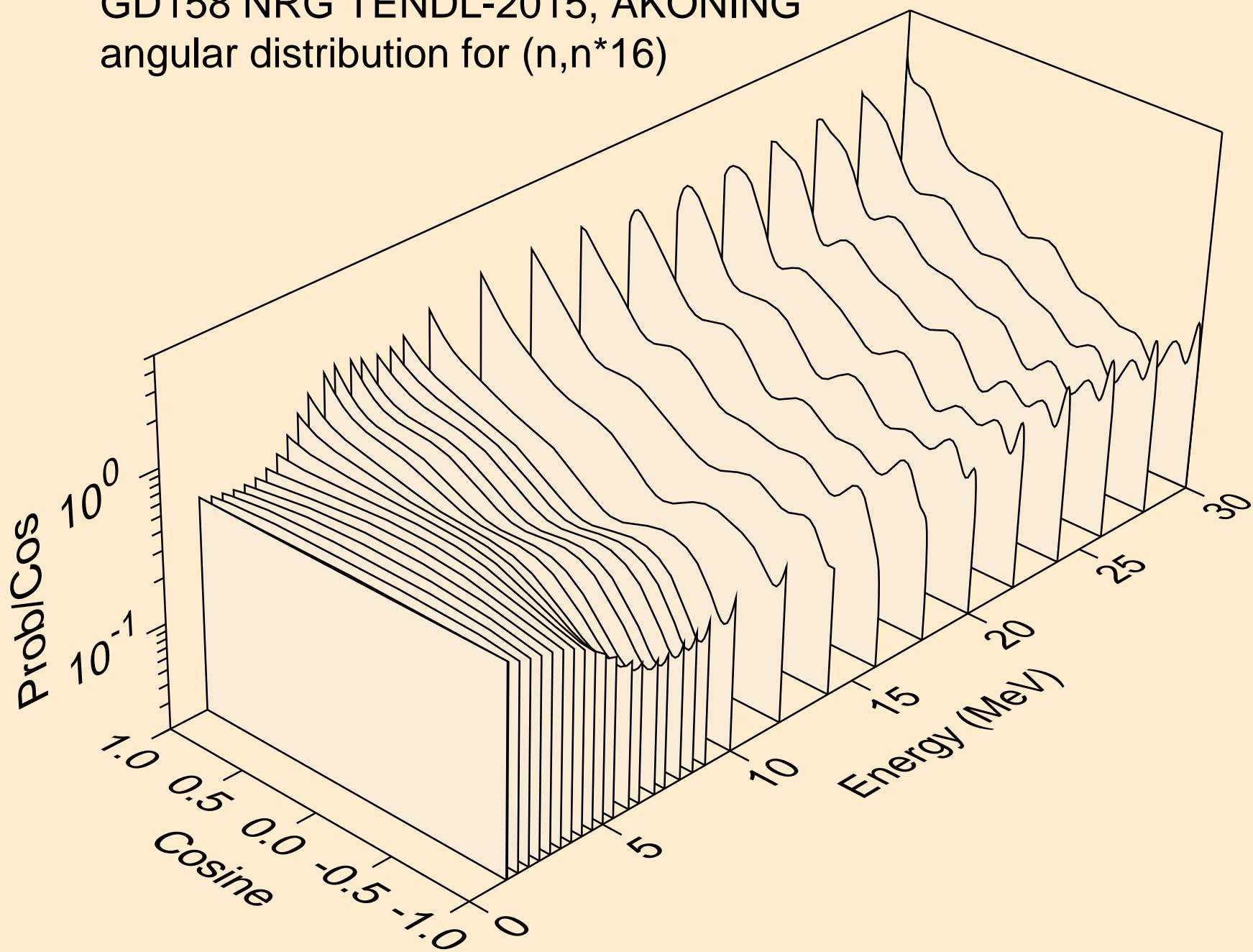
GD158 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



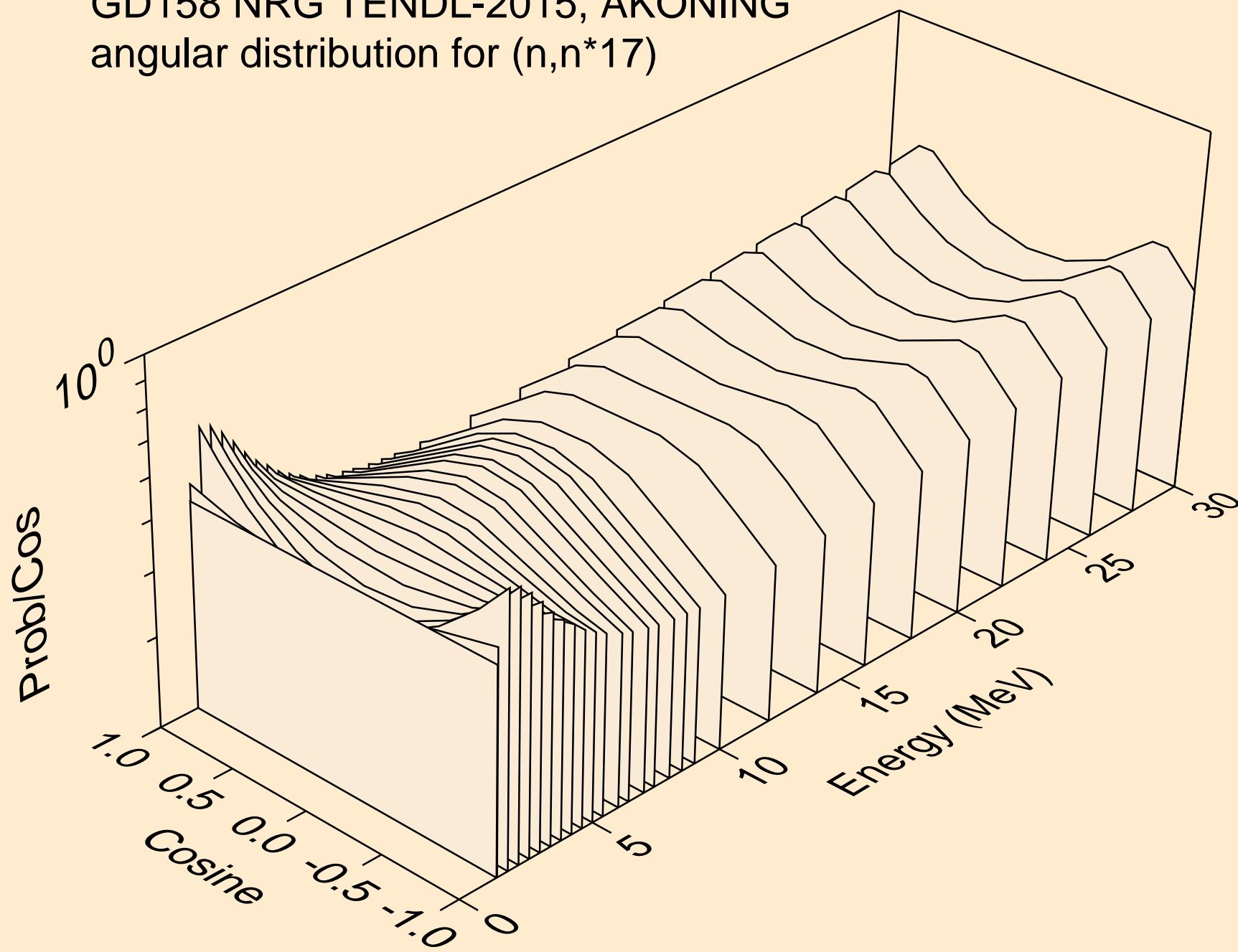
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*15)$



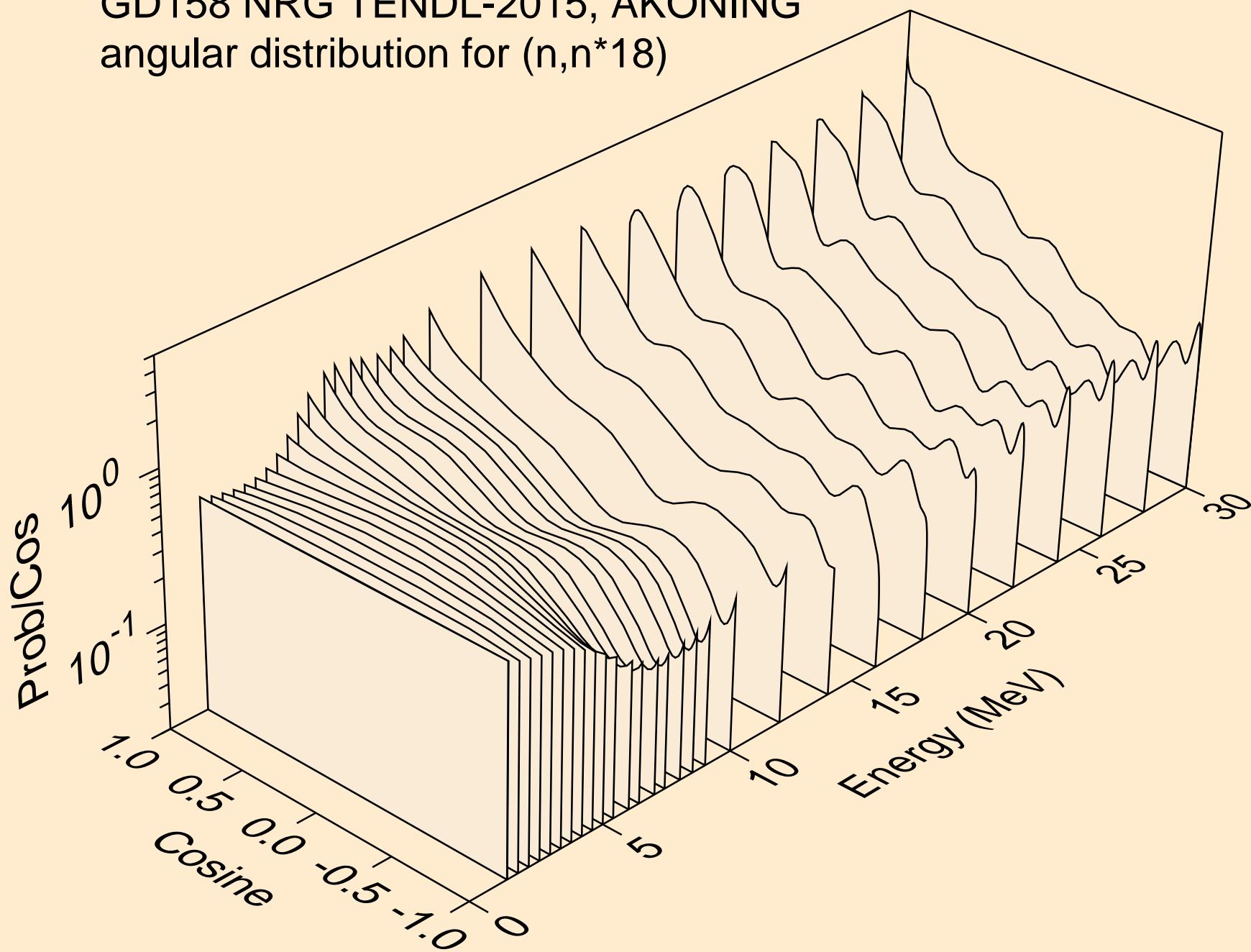
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*16)$



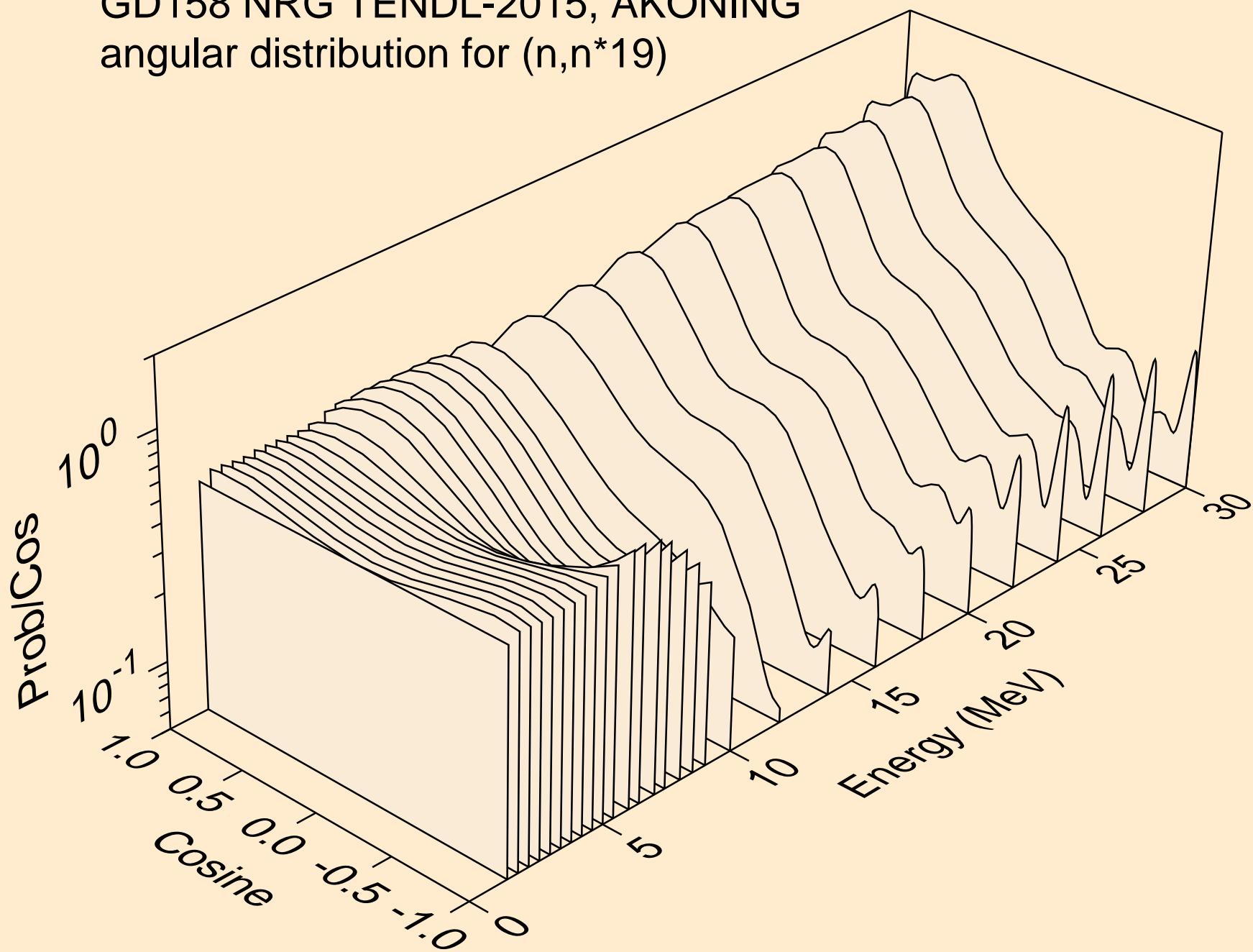
GD158 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



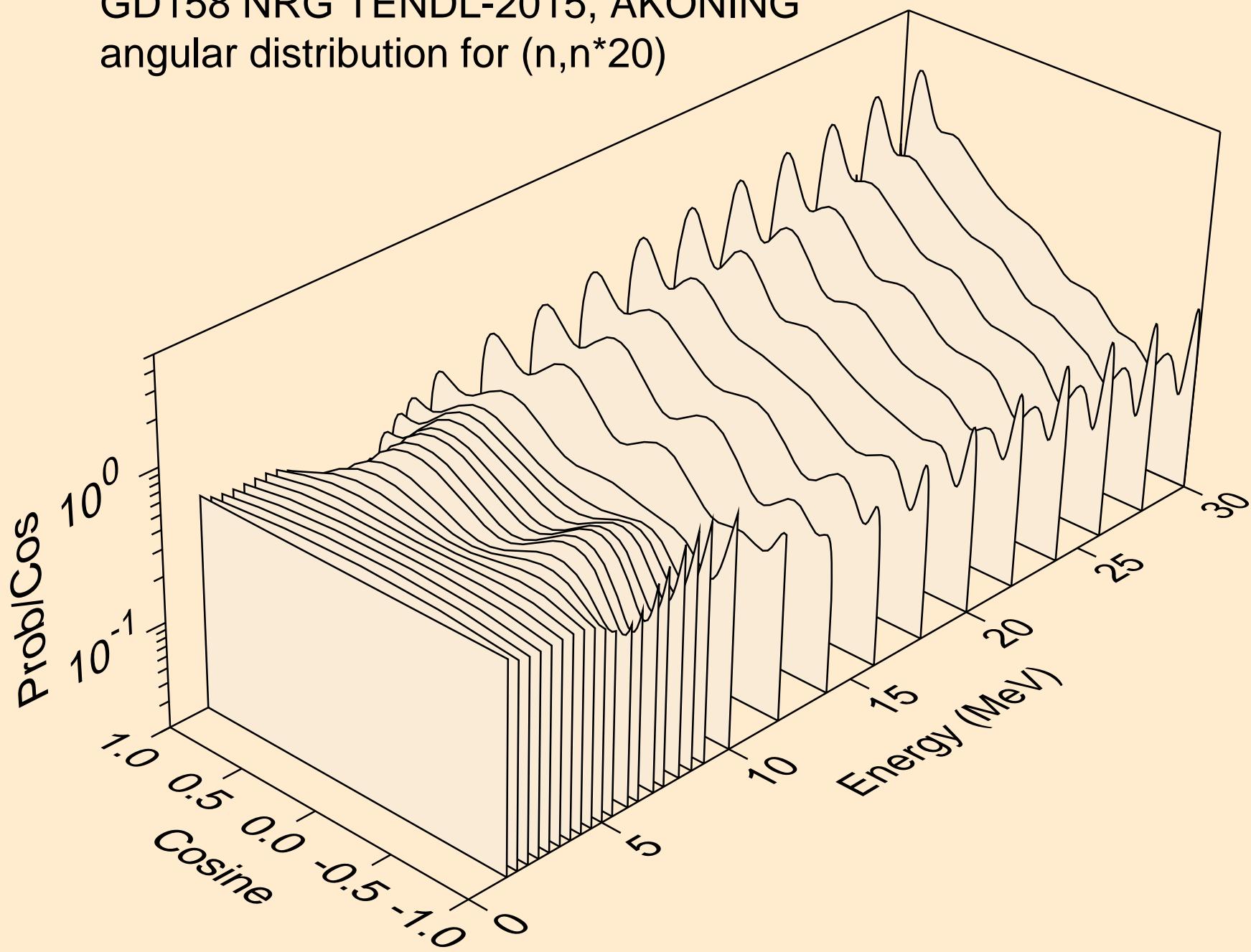
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*18)$



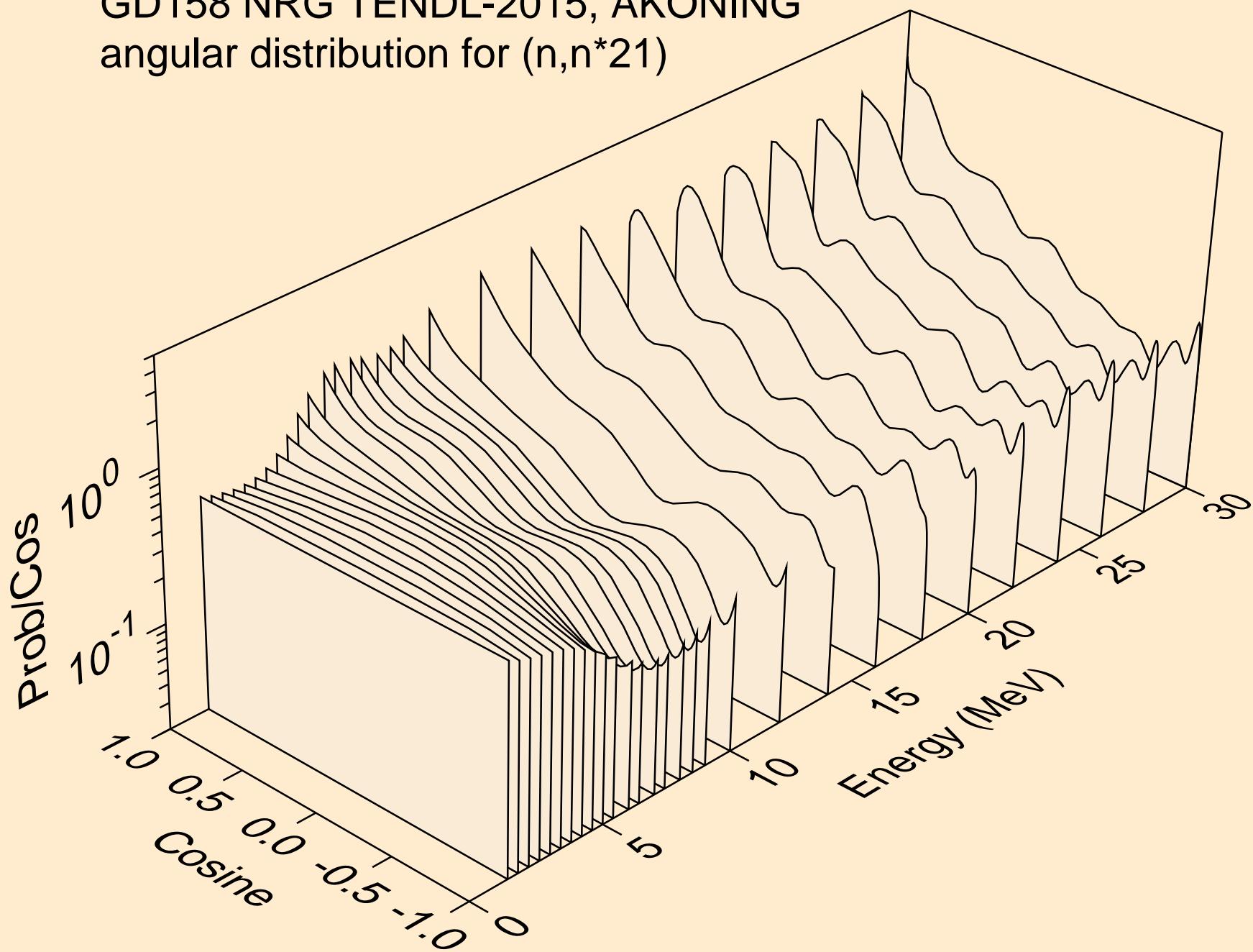
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*19)$



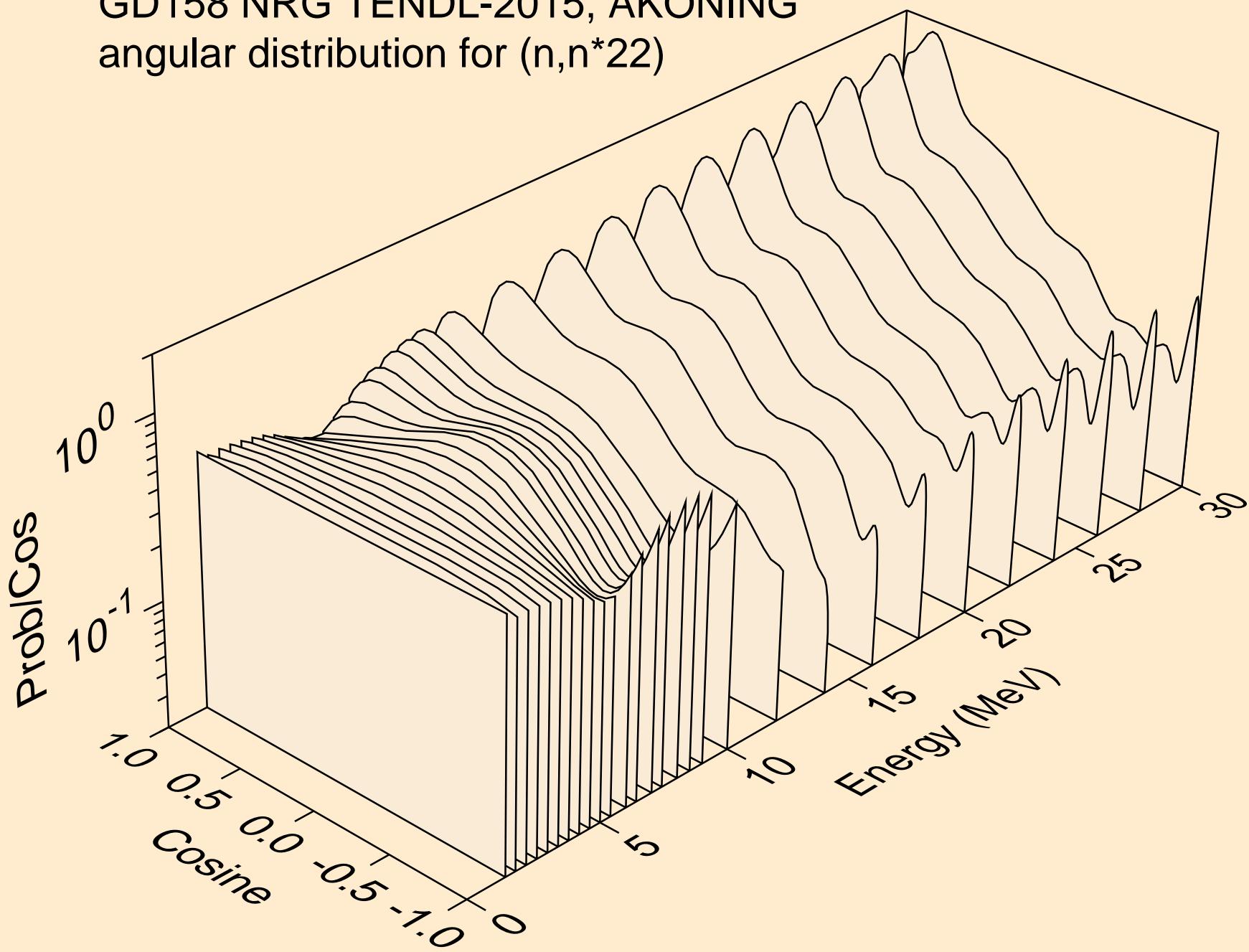
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)20$



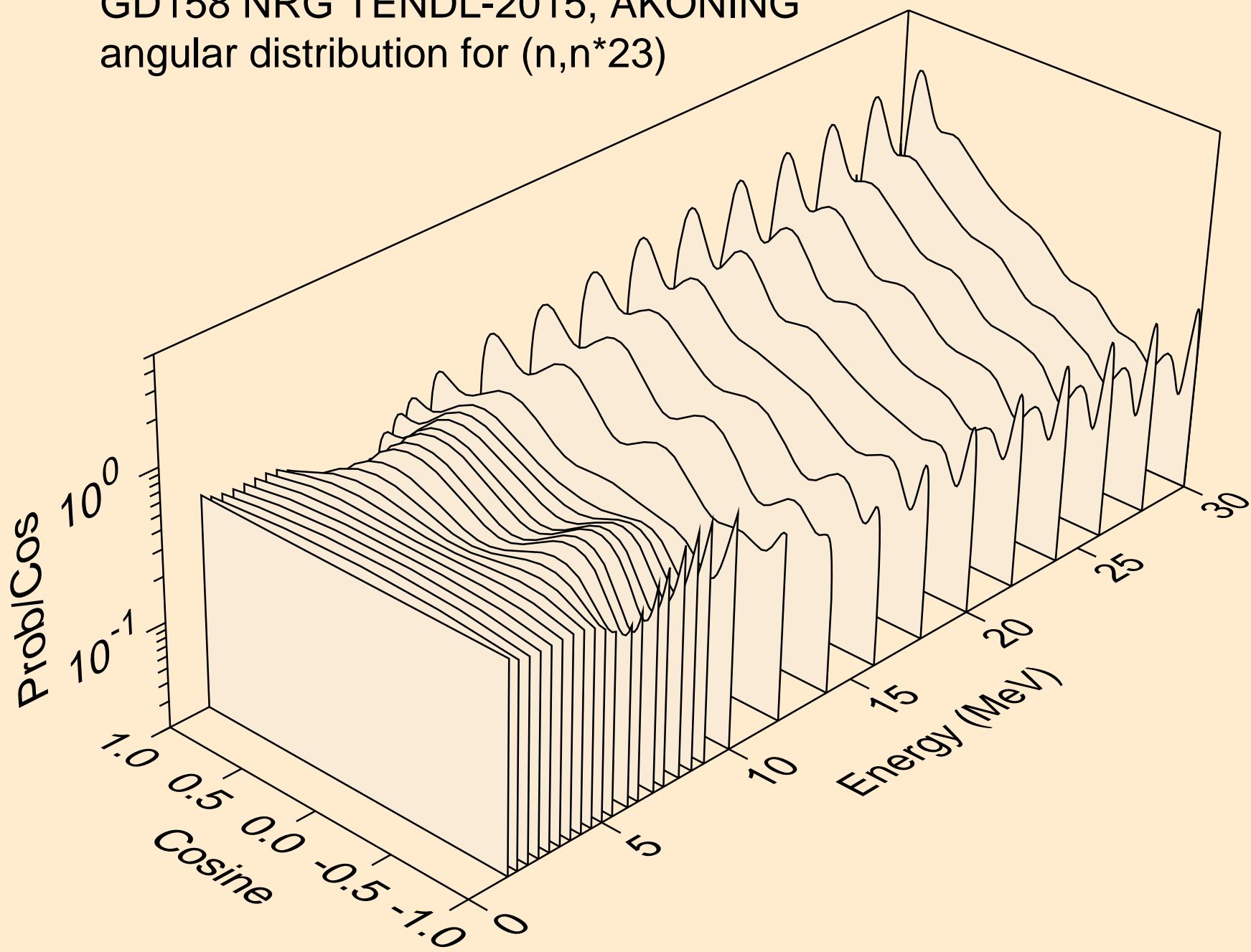
GD158 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*21$ )



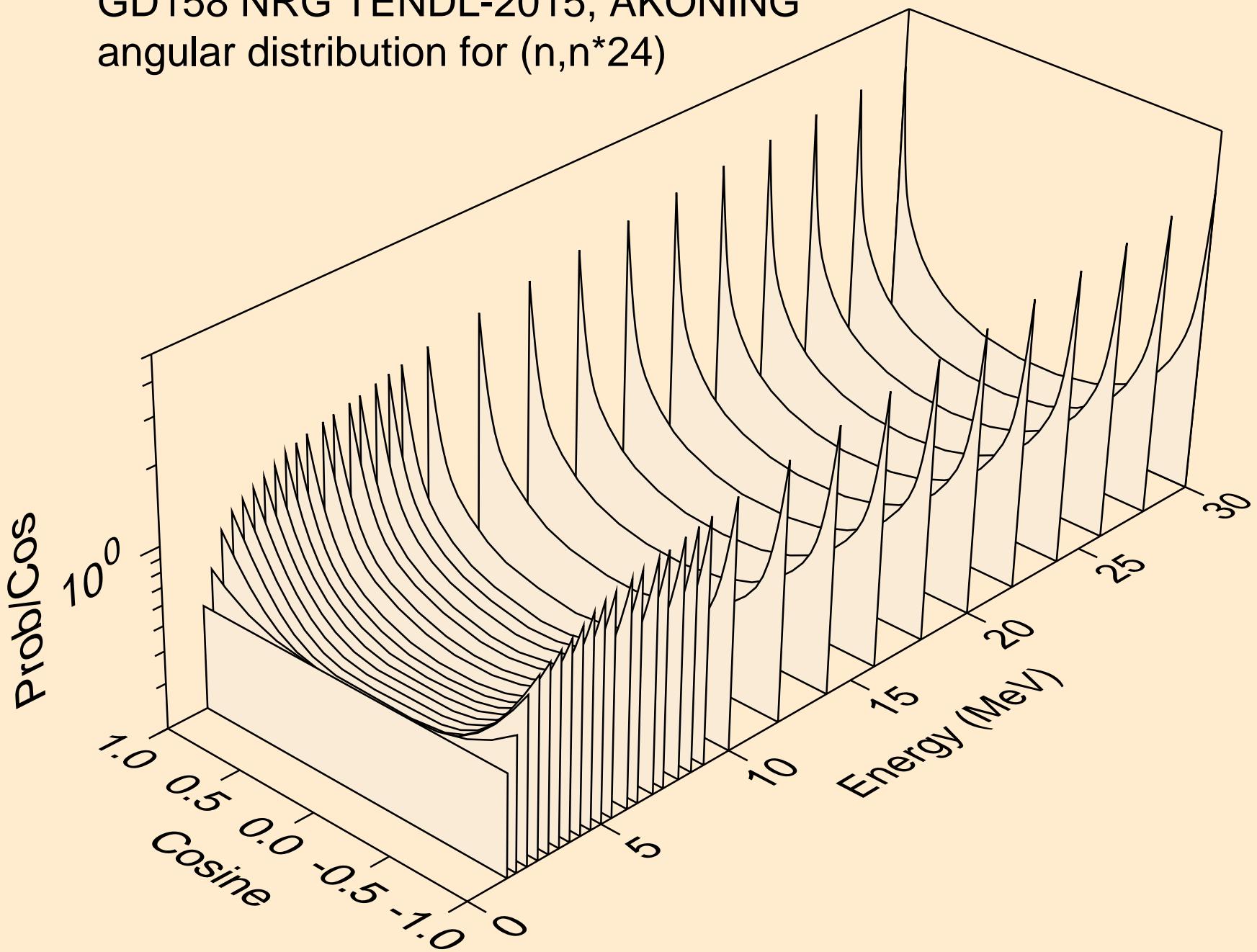
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{22}$



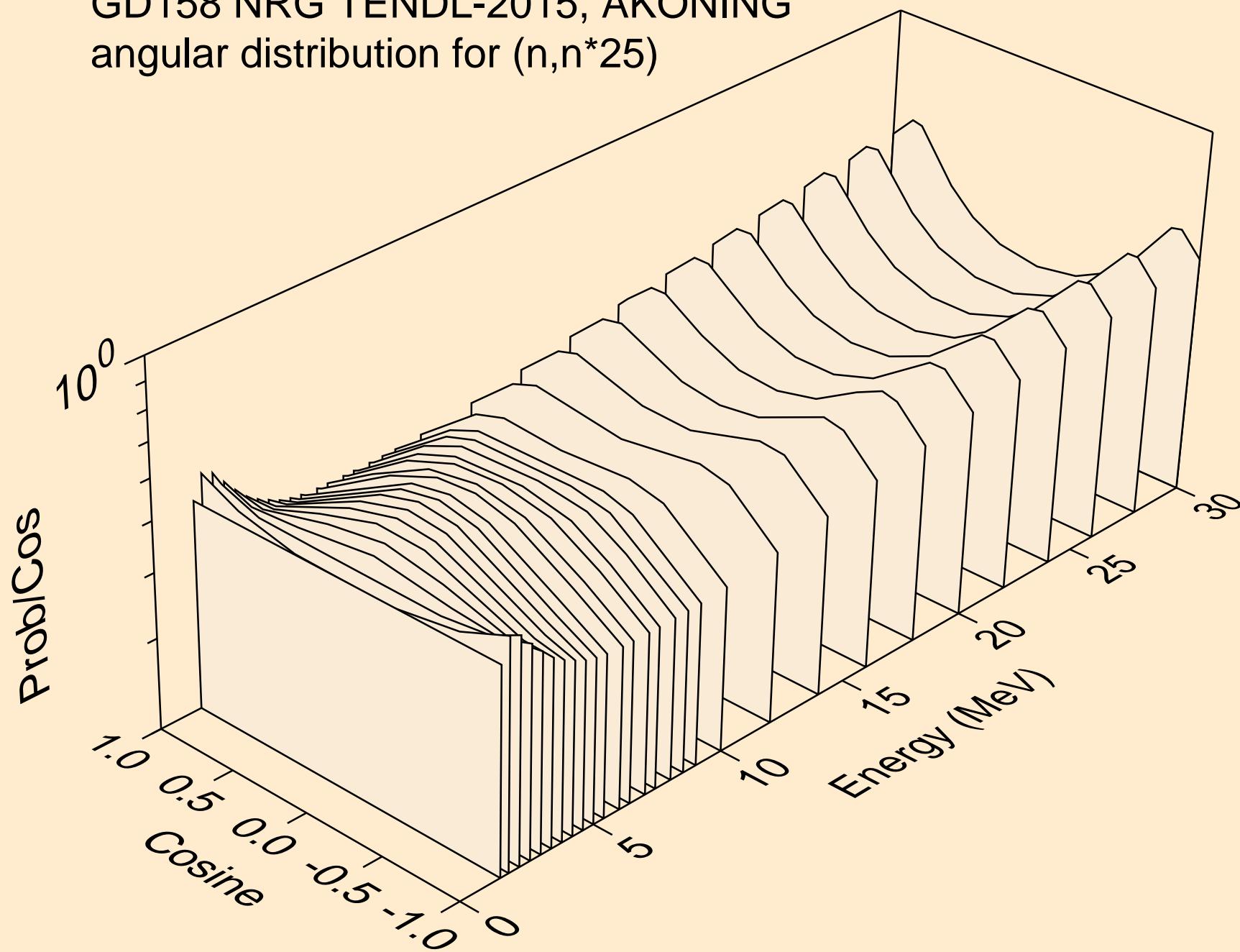
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{23}$



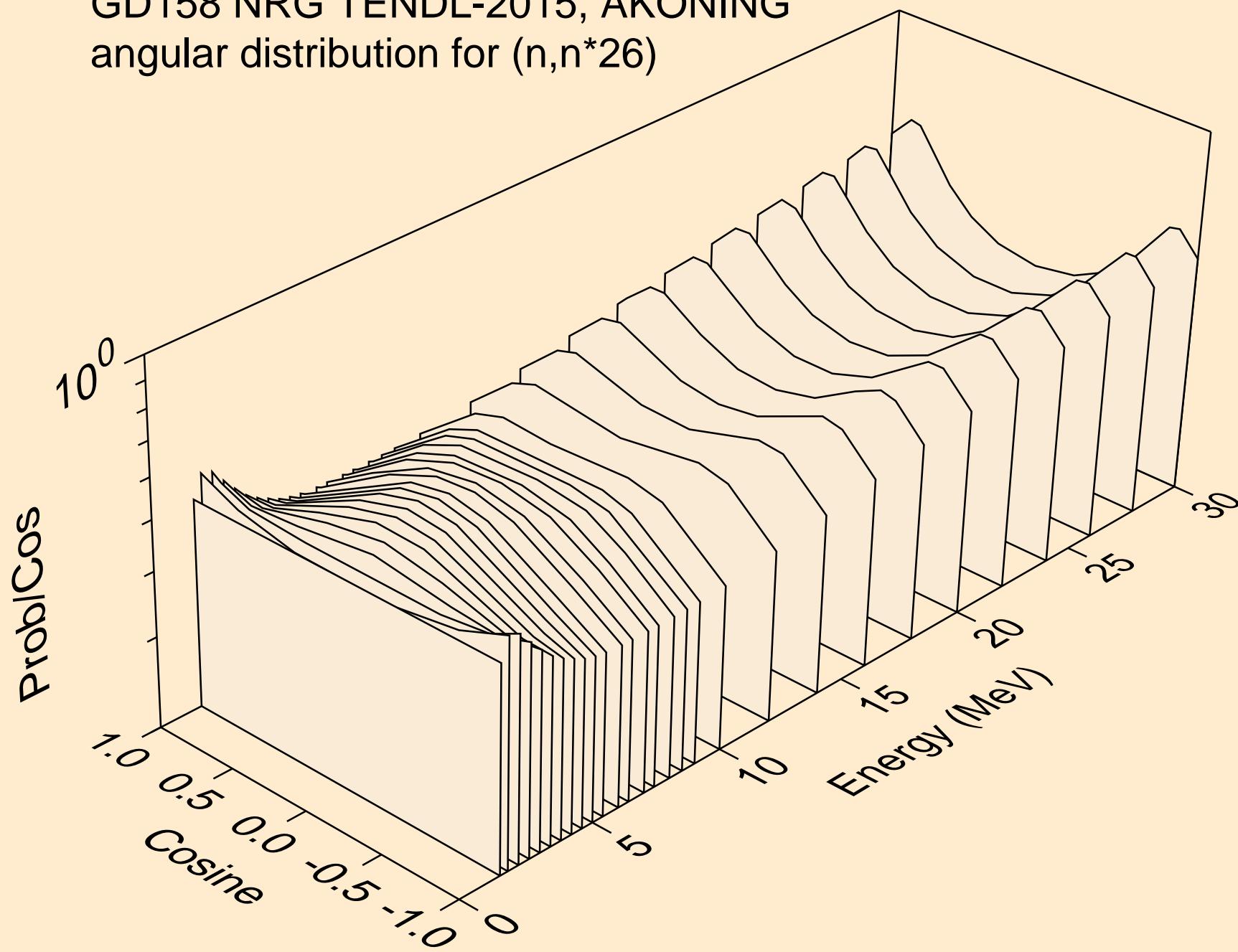
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*24)$



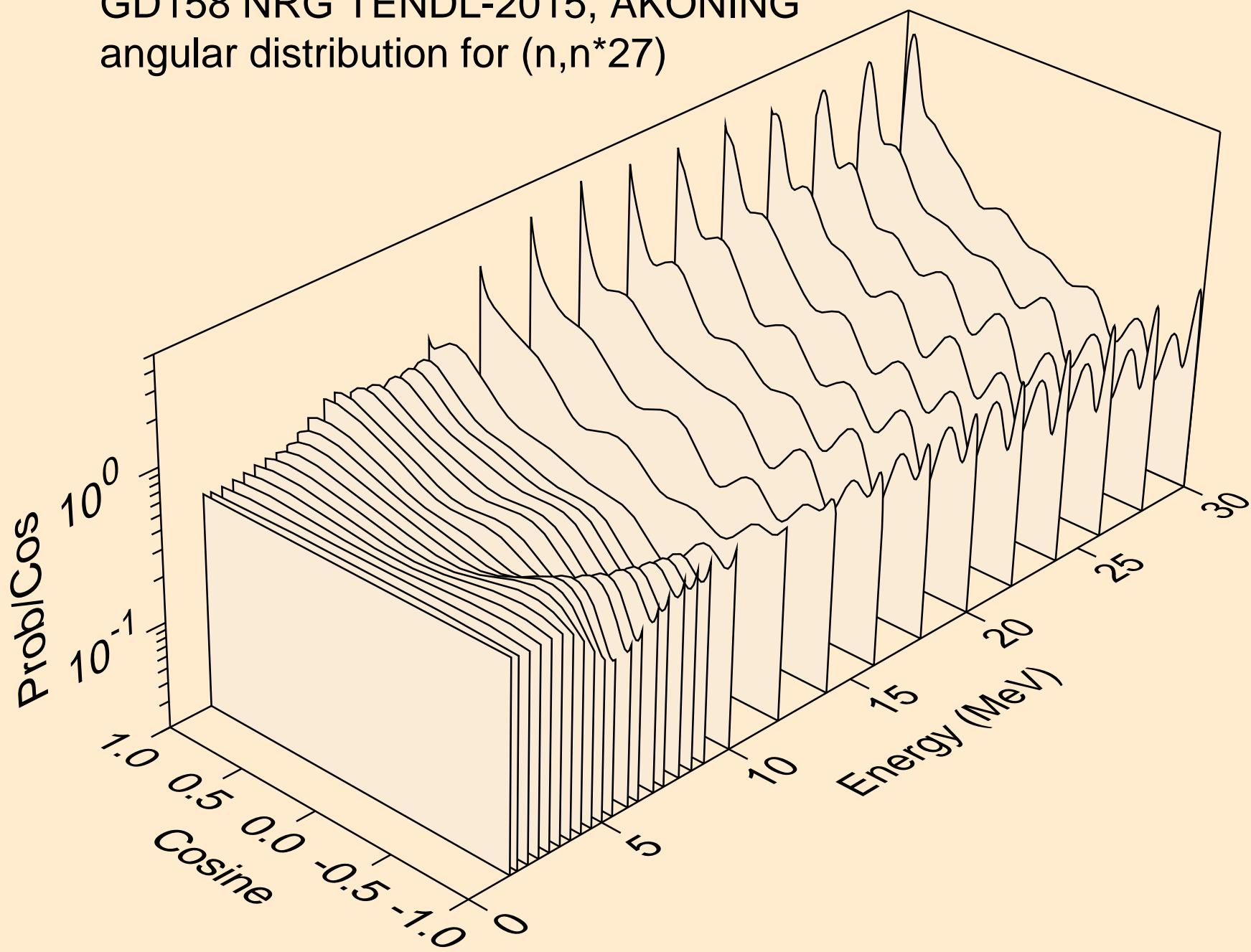
GD158 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



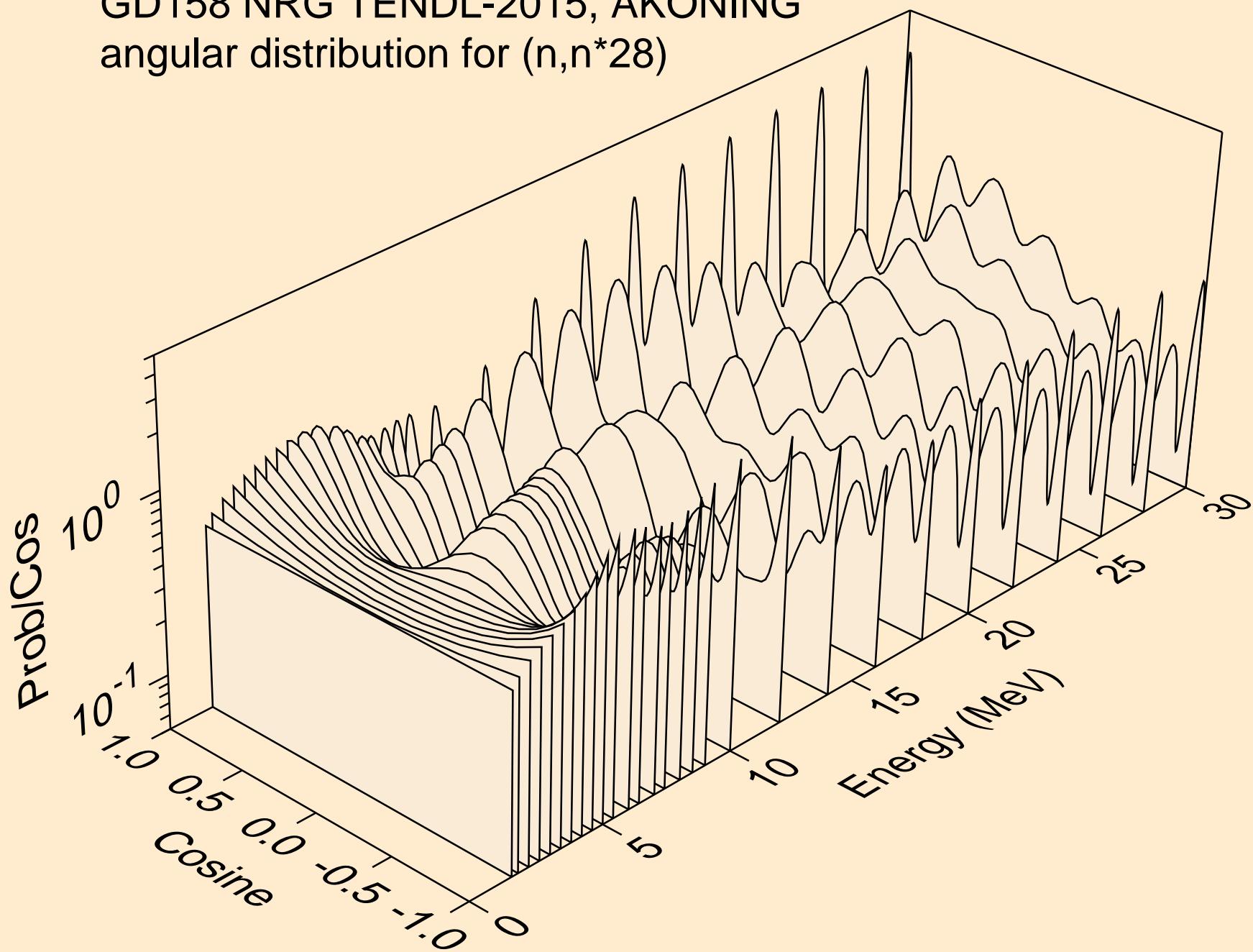
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{26}$



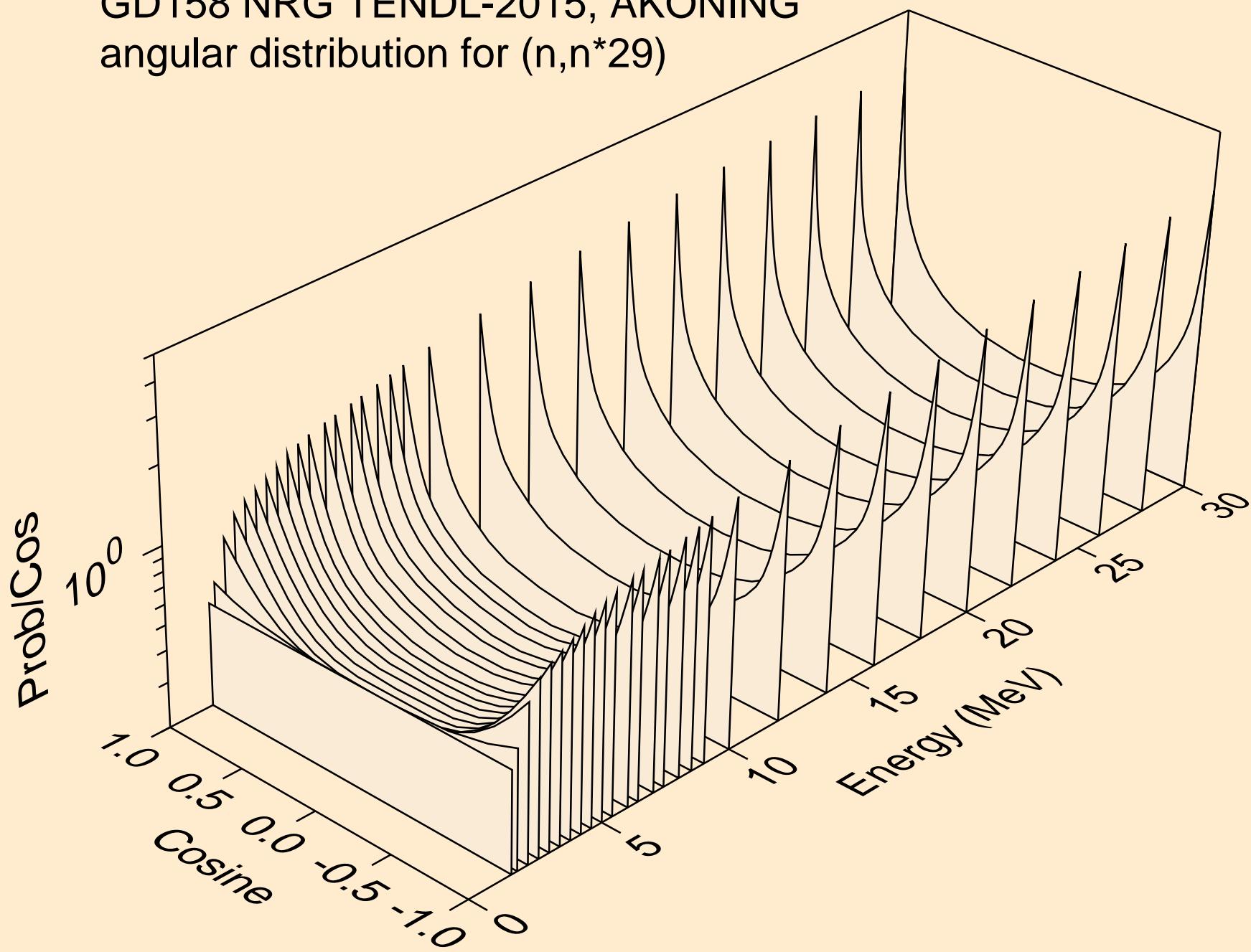
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{27}$



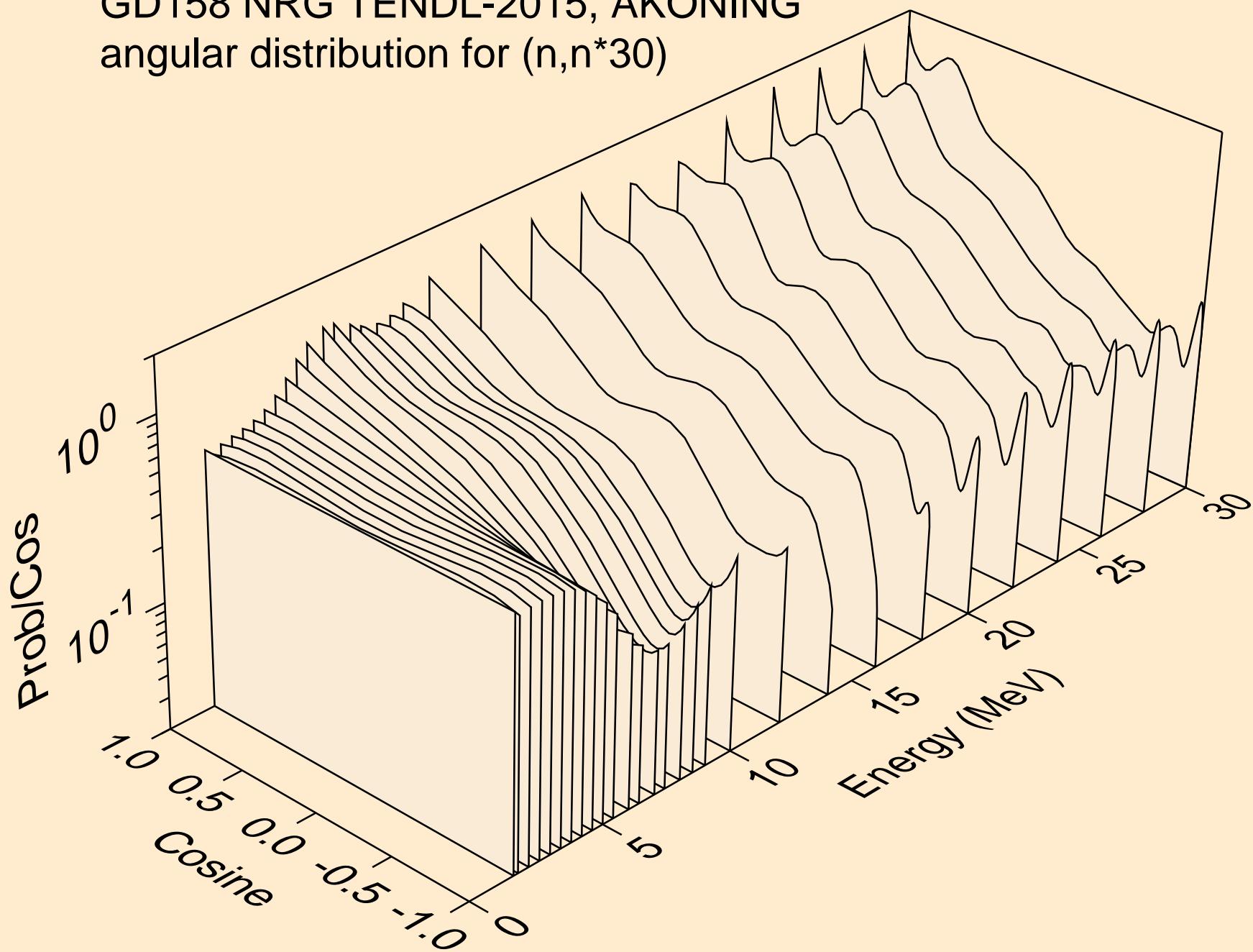
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{28}$



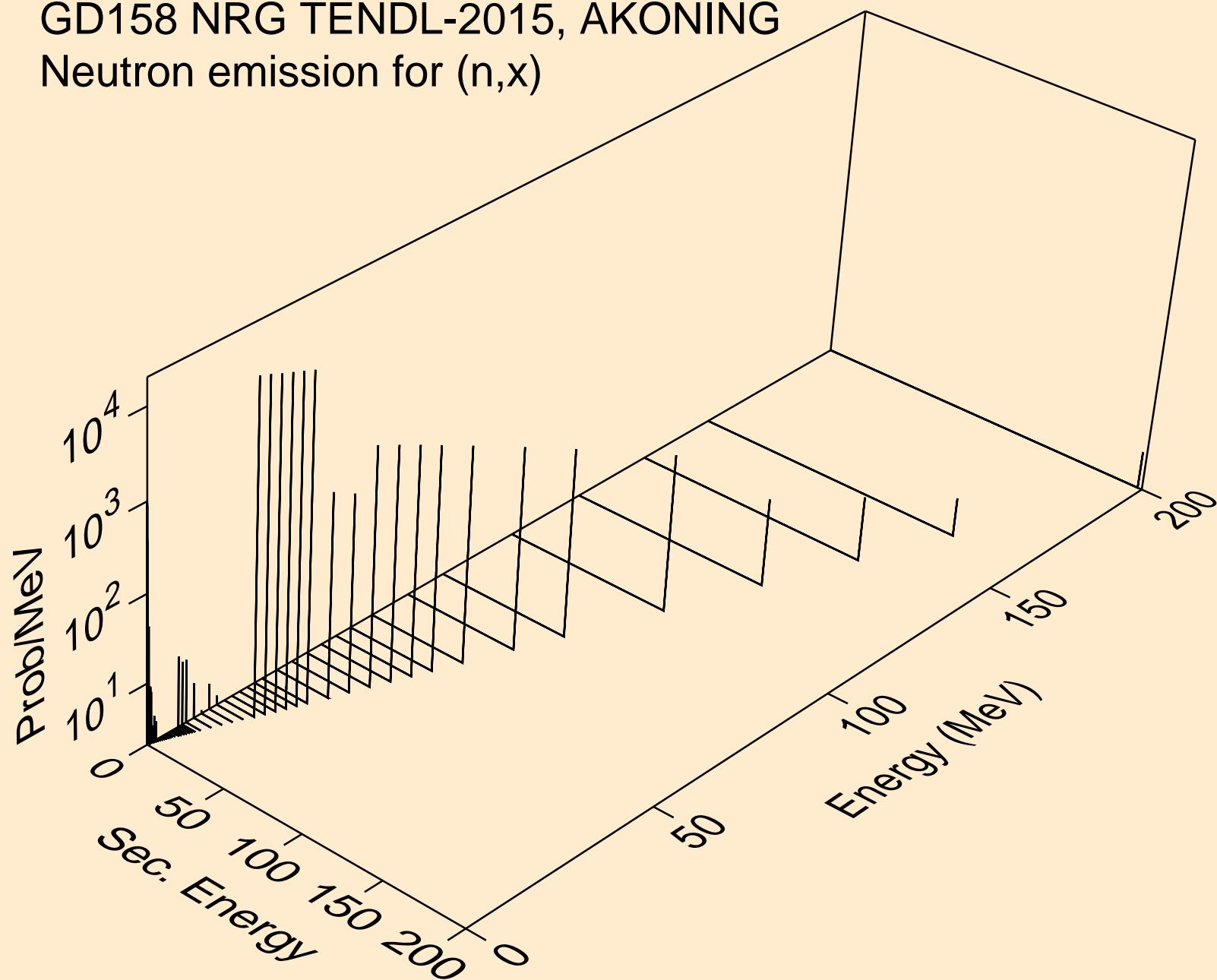
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*29)$



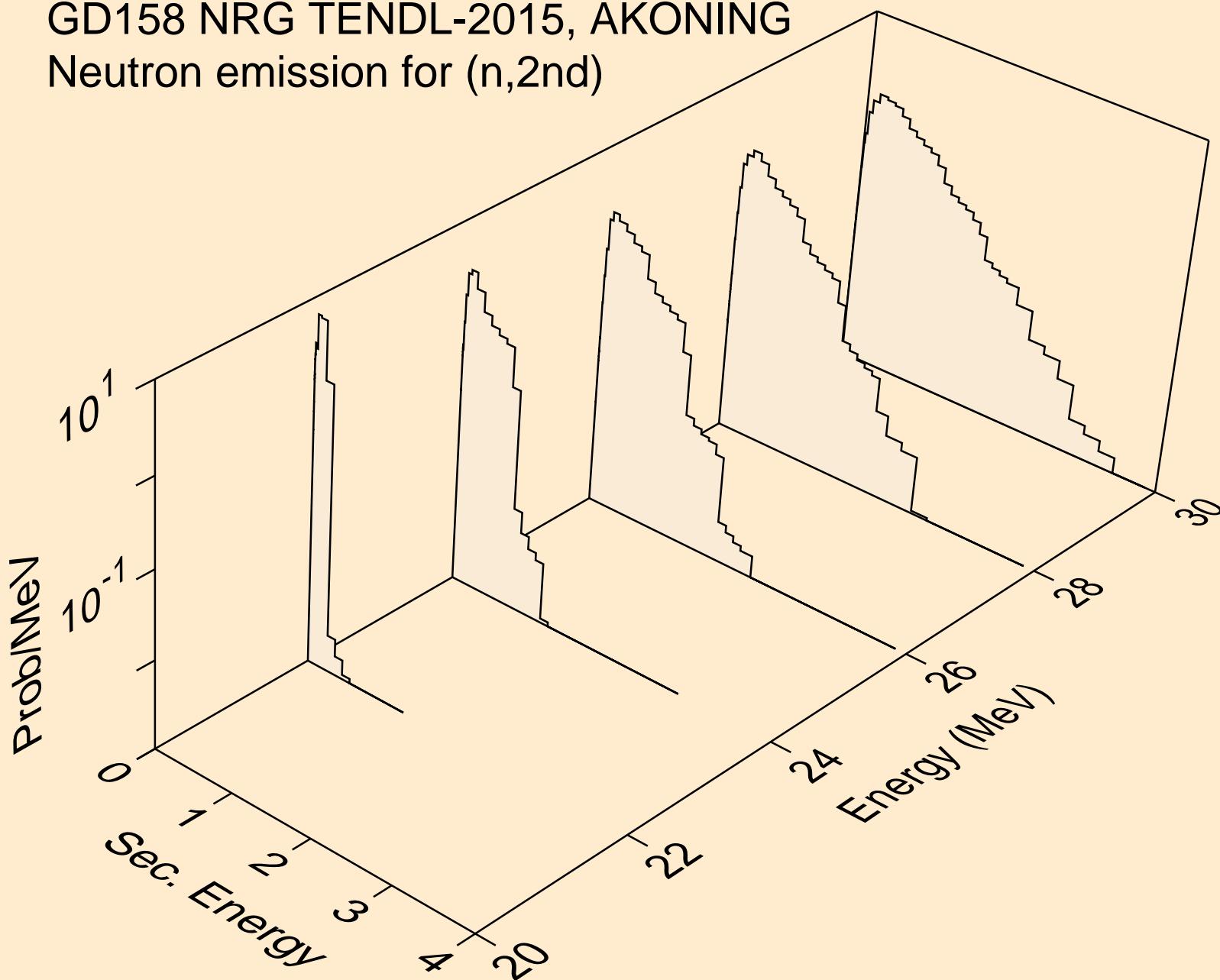
GD158 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)30$



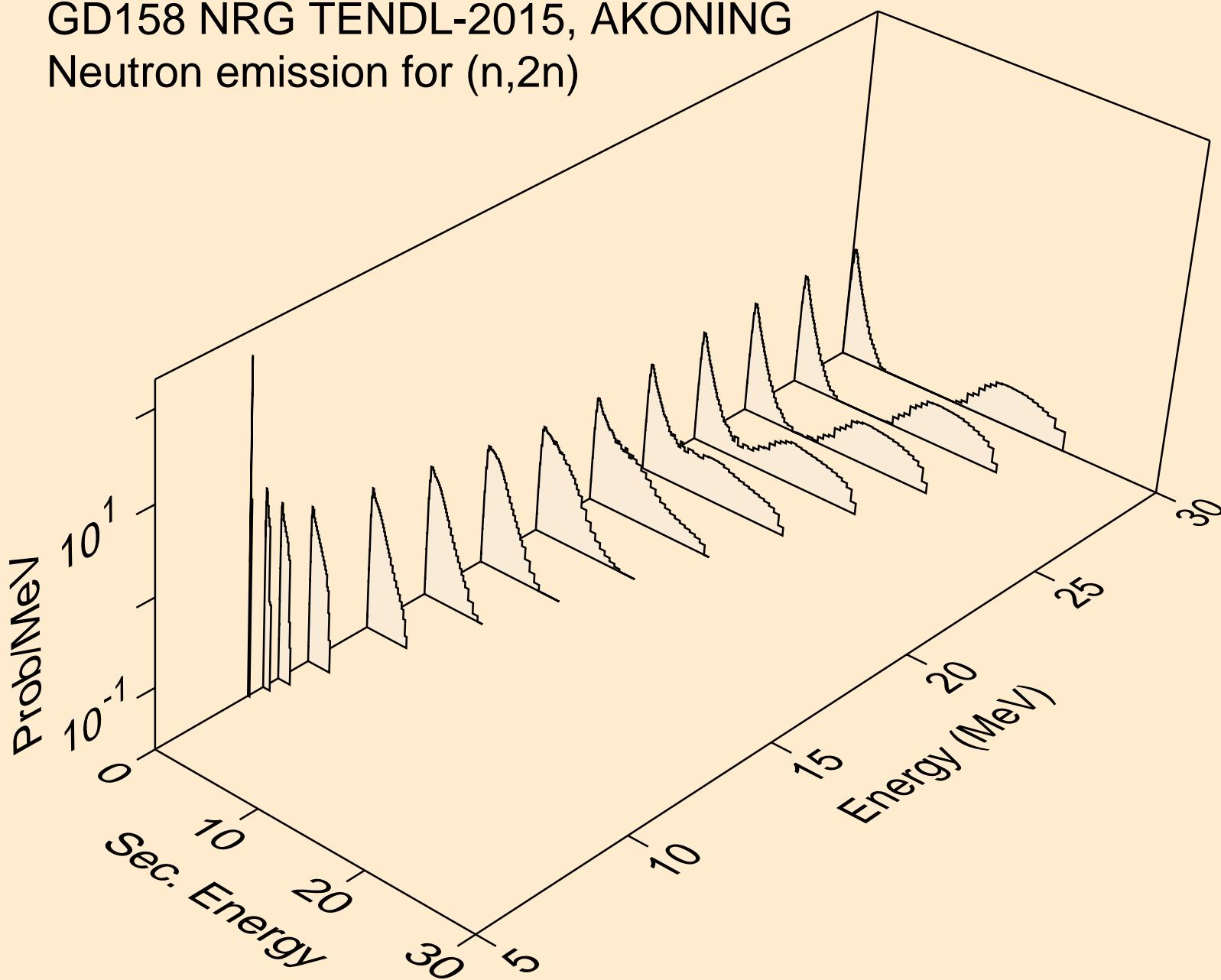
GD158 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



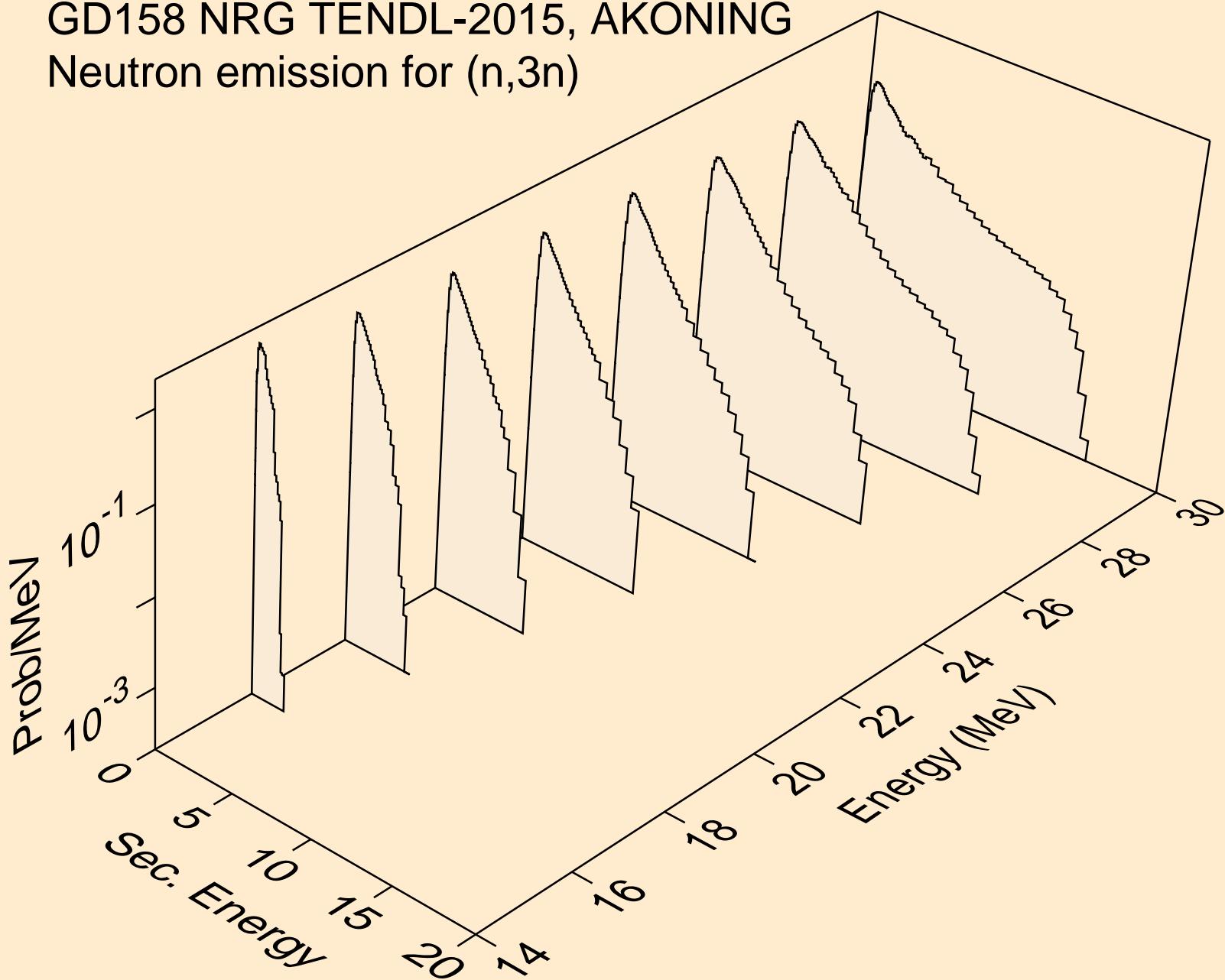
GD158 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



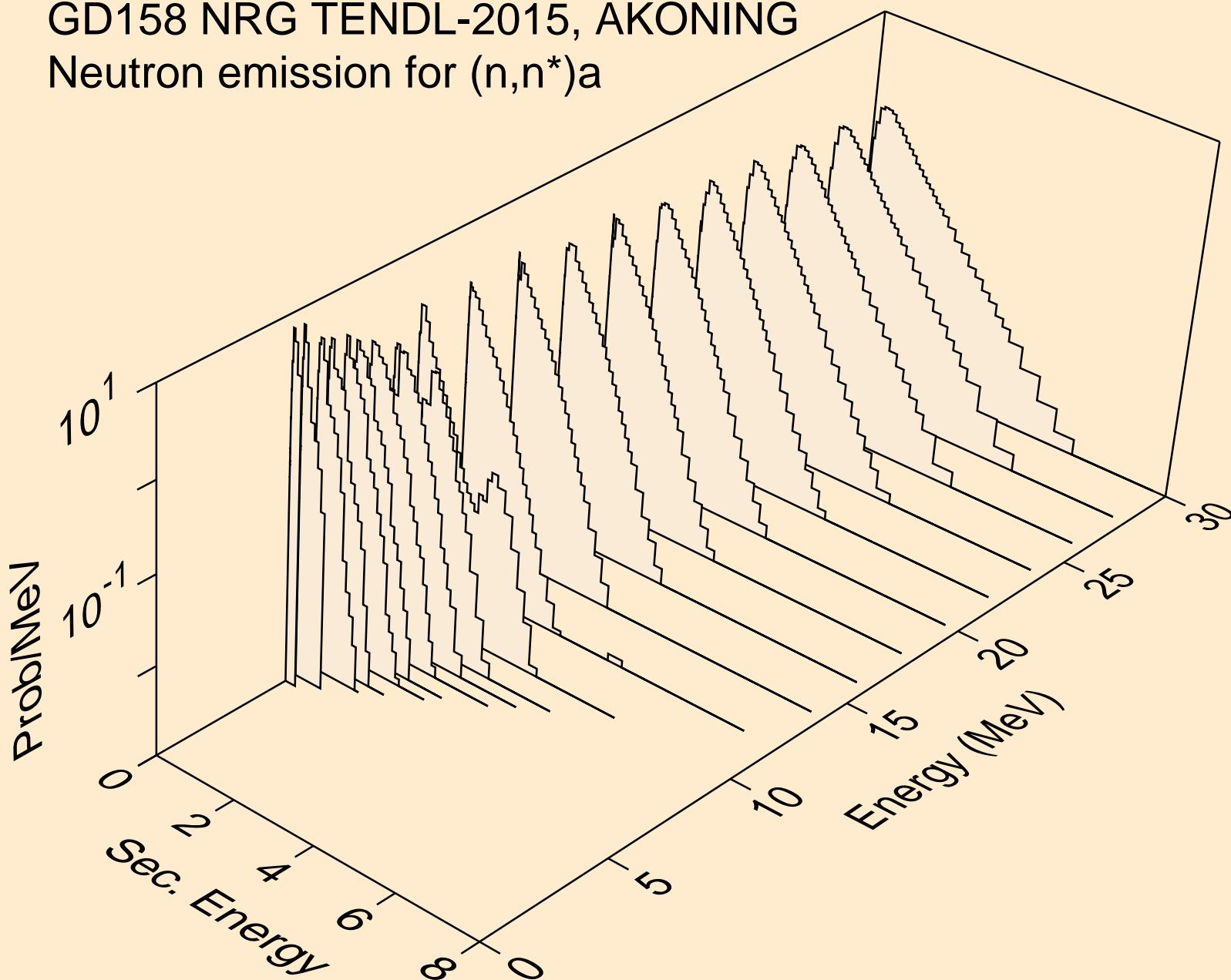
GD158 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



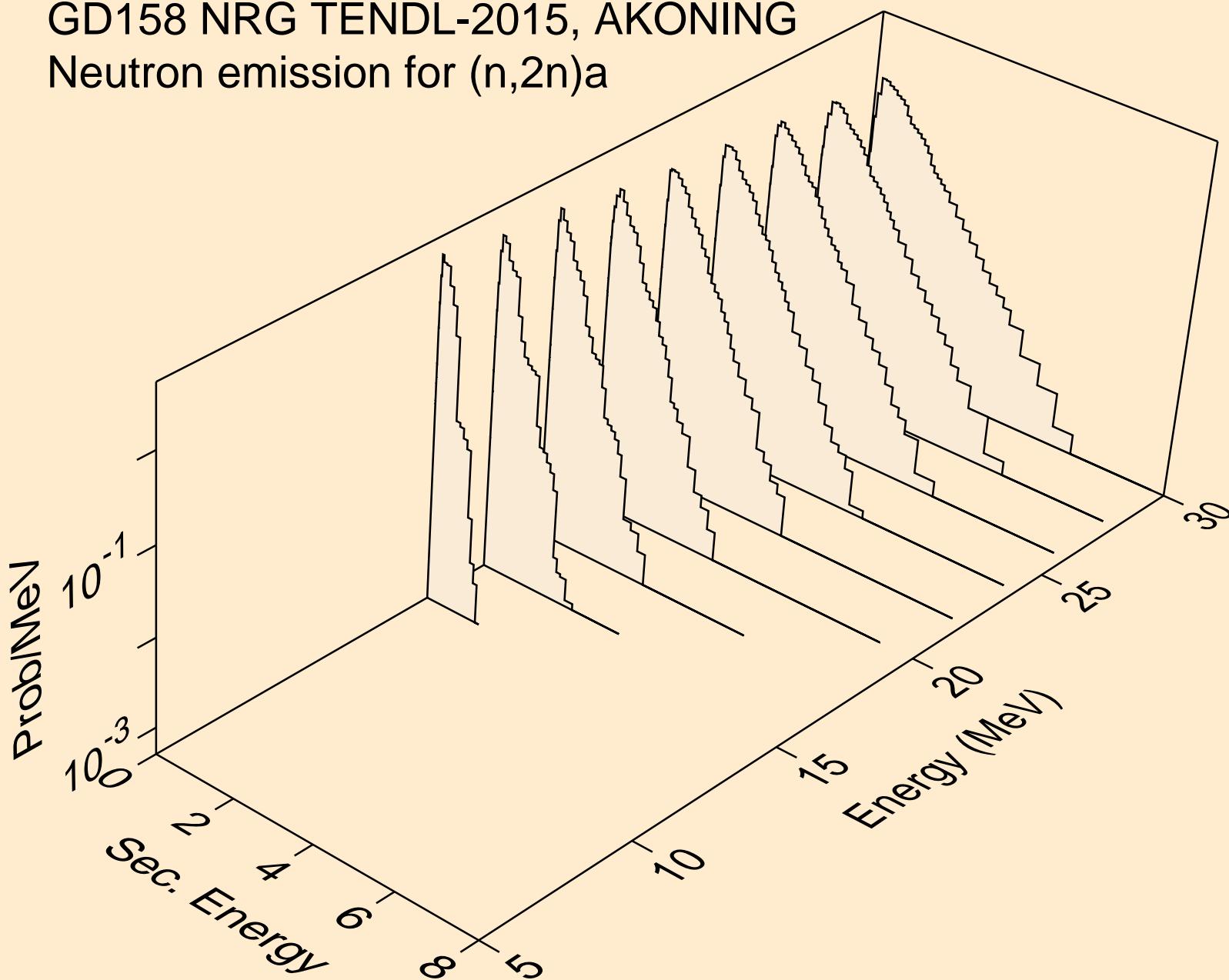
GD158 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



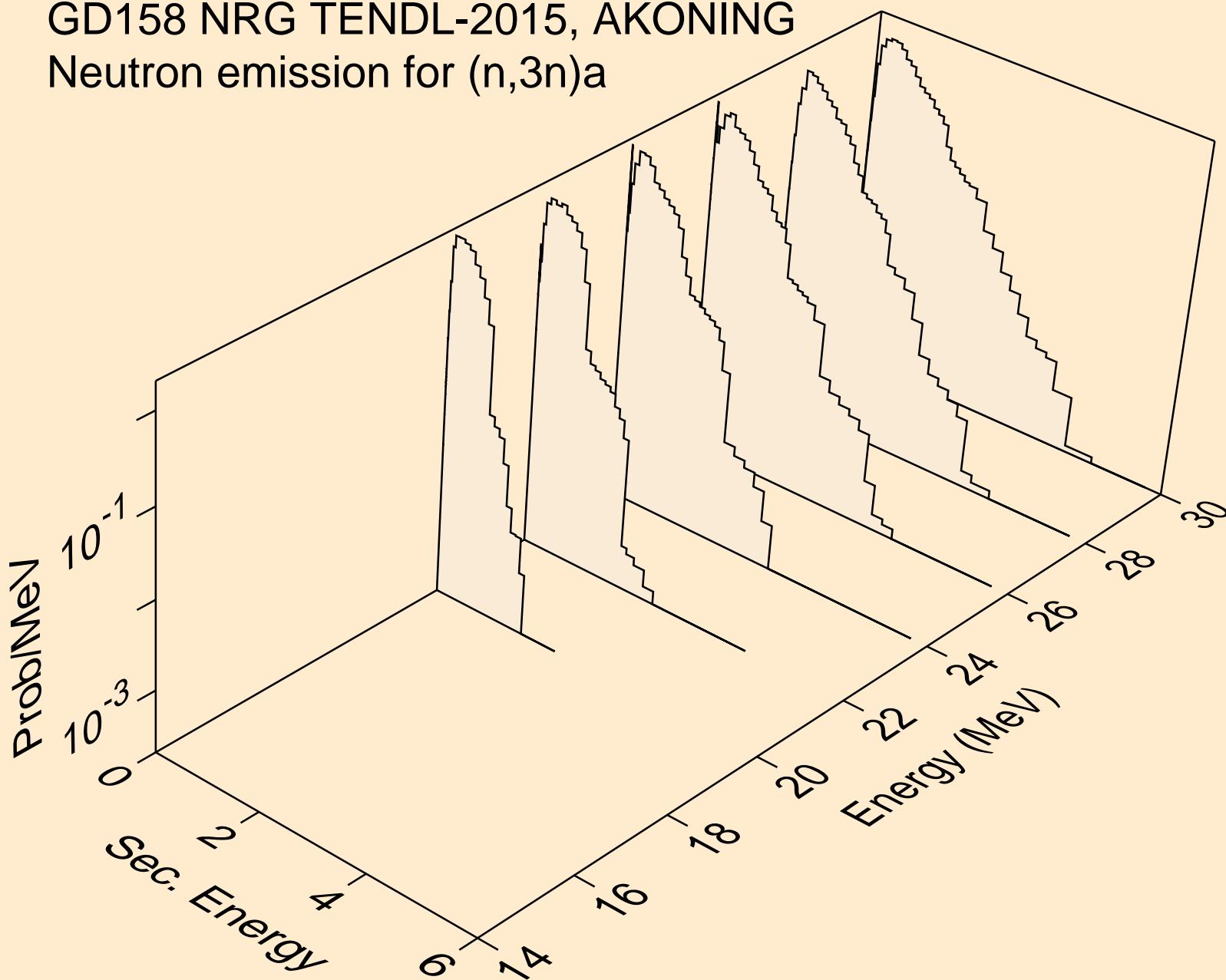
GD158 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



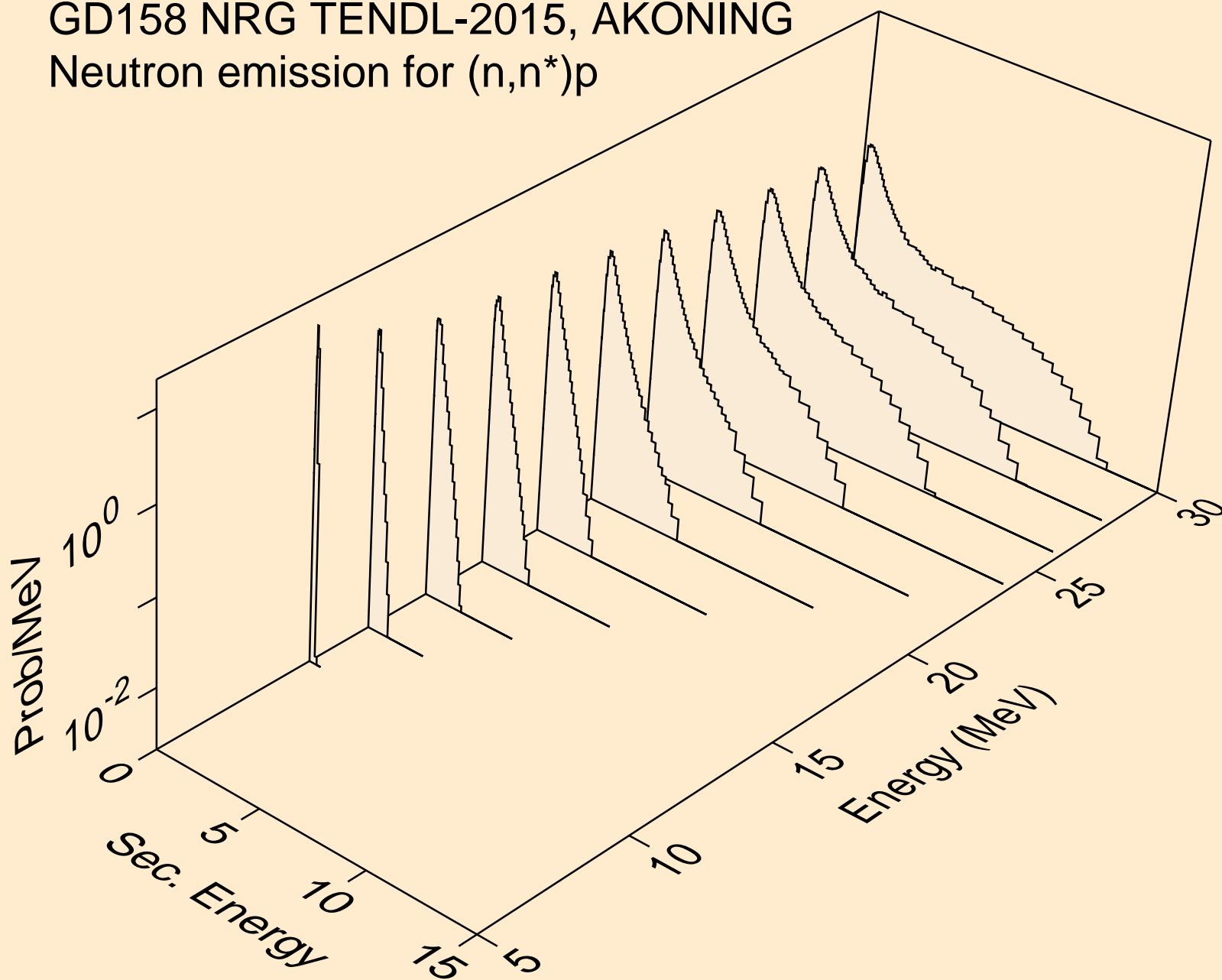
GD158 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



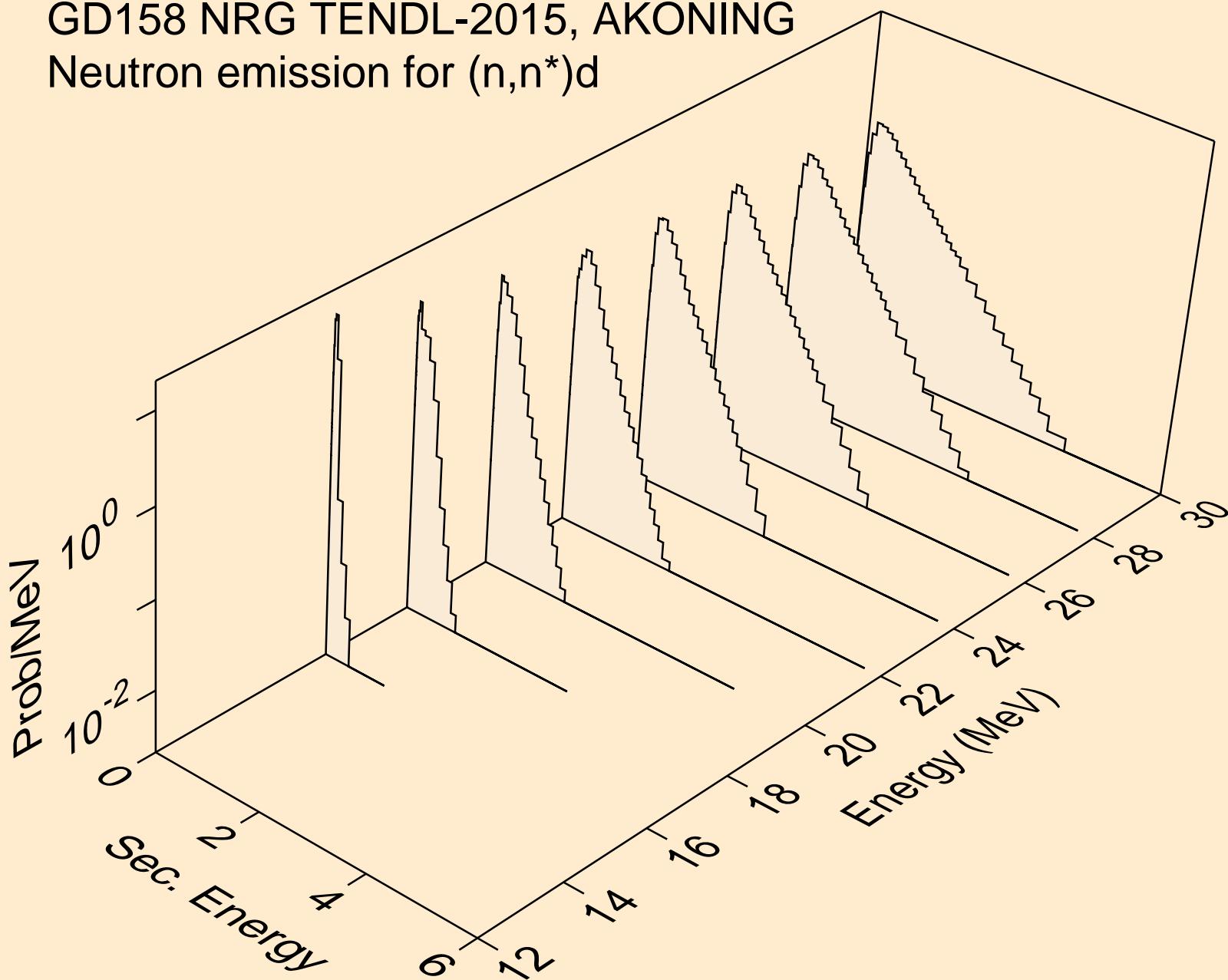
GD158 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



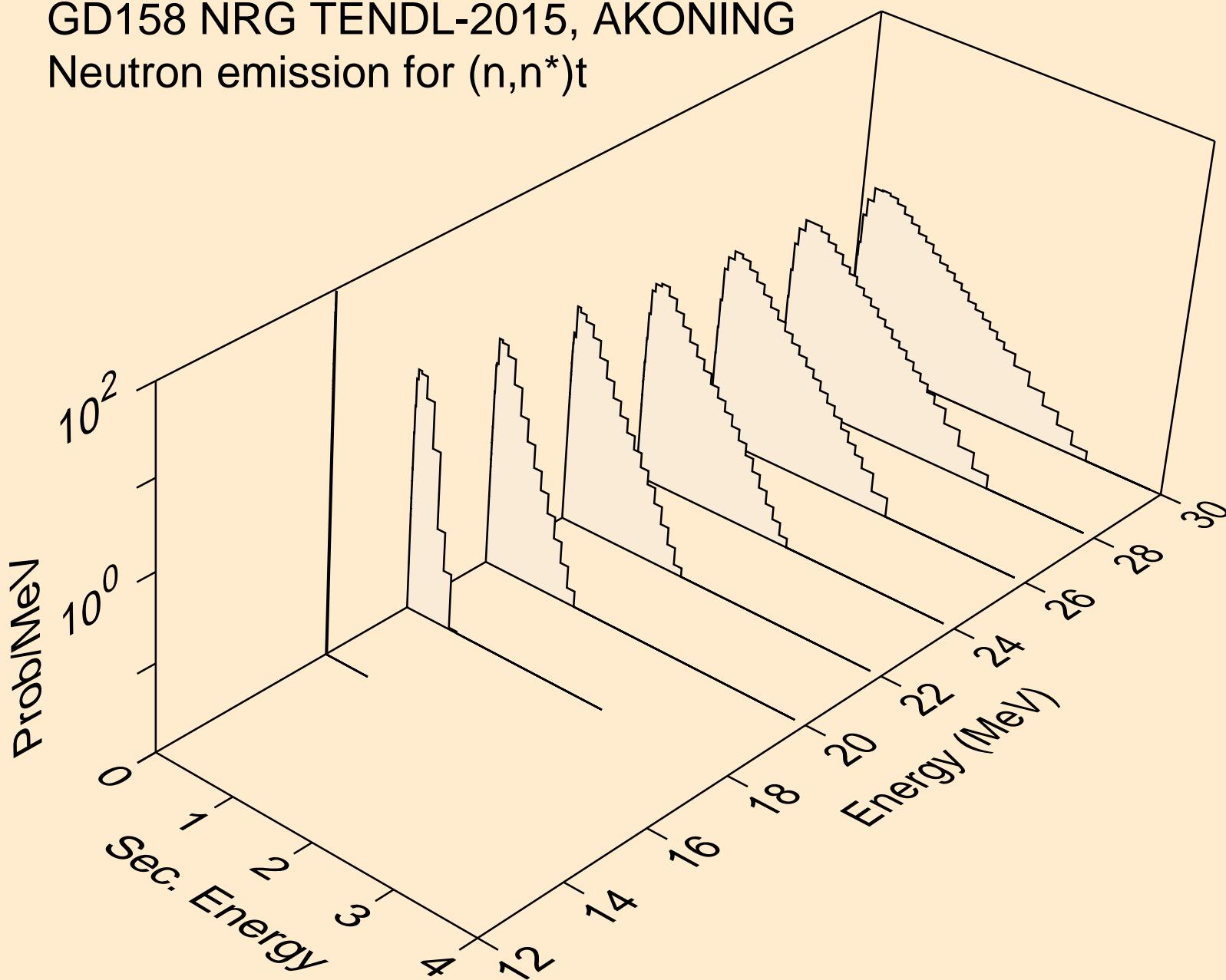
GD158 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



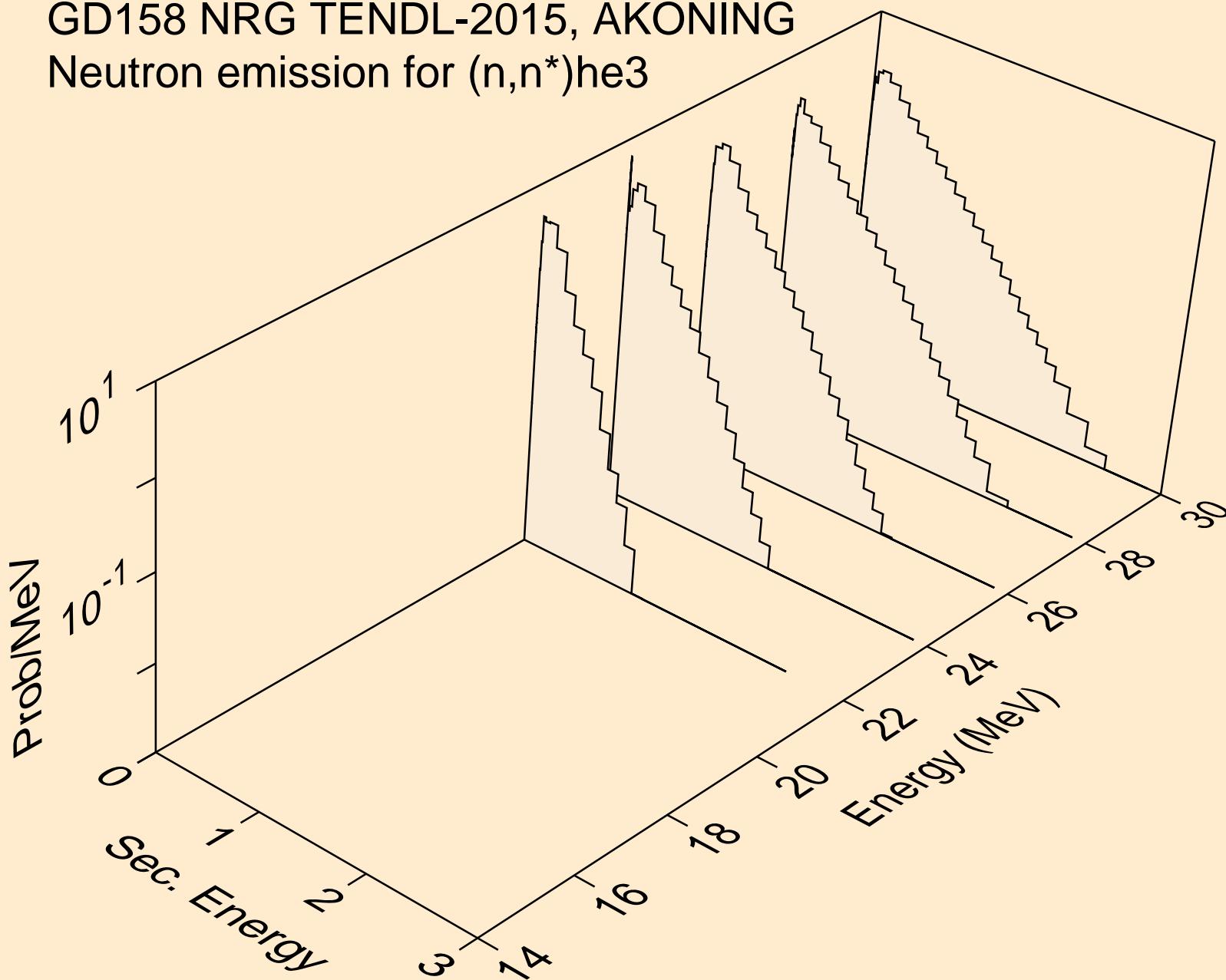
GD158 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



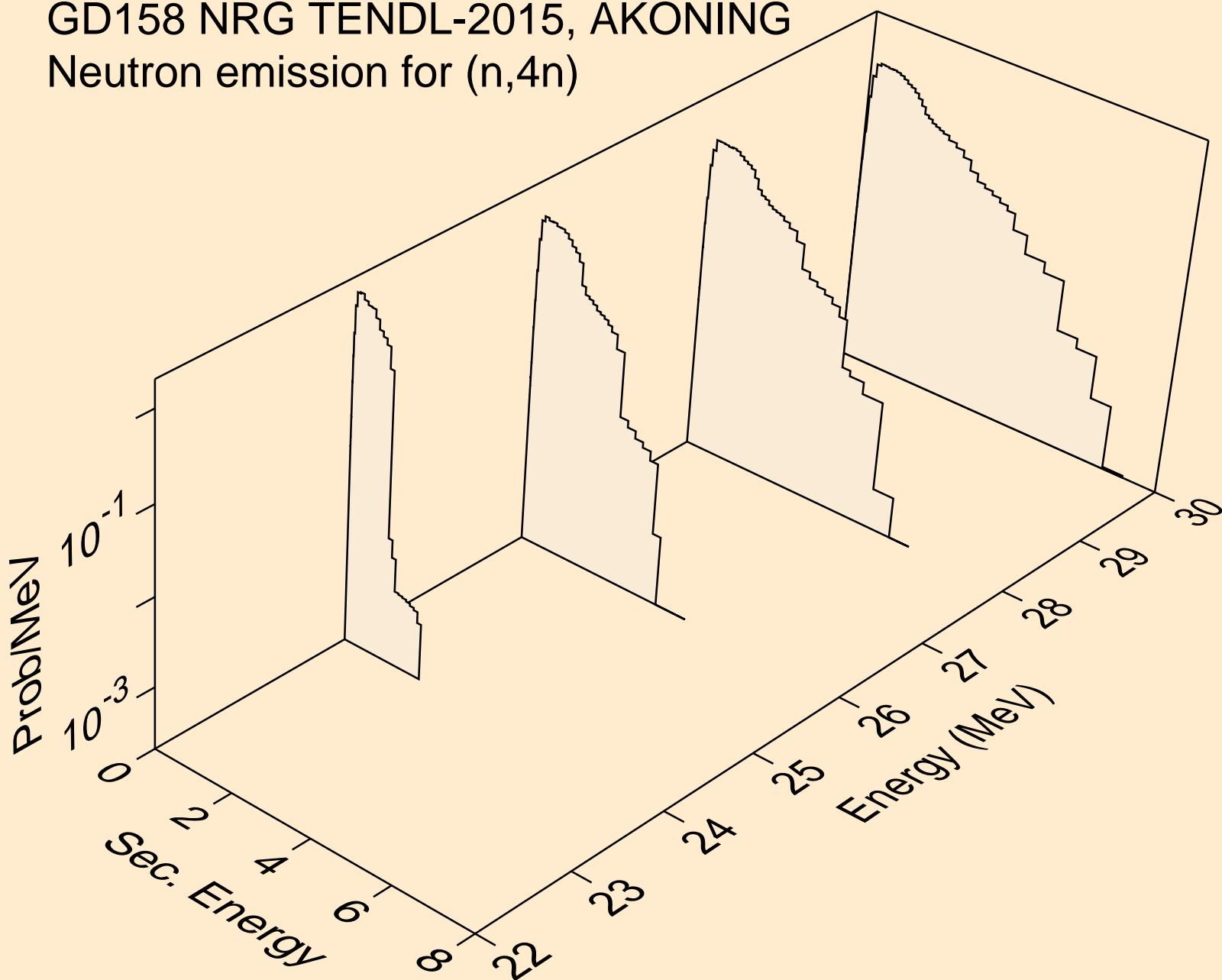
GD158 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



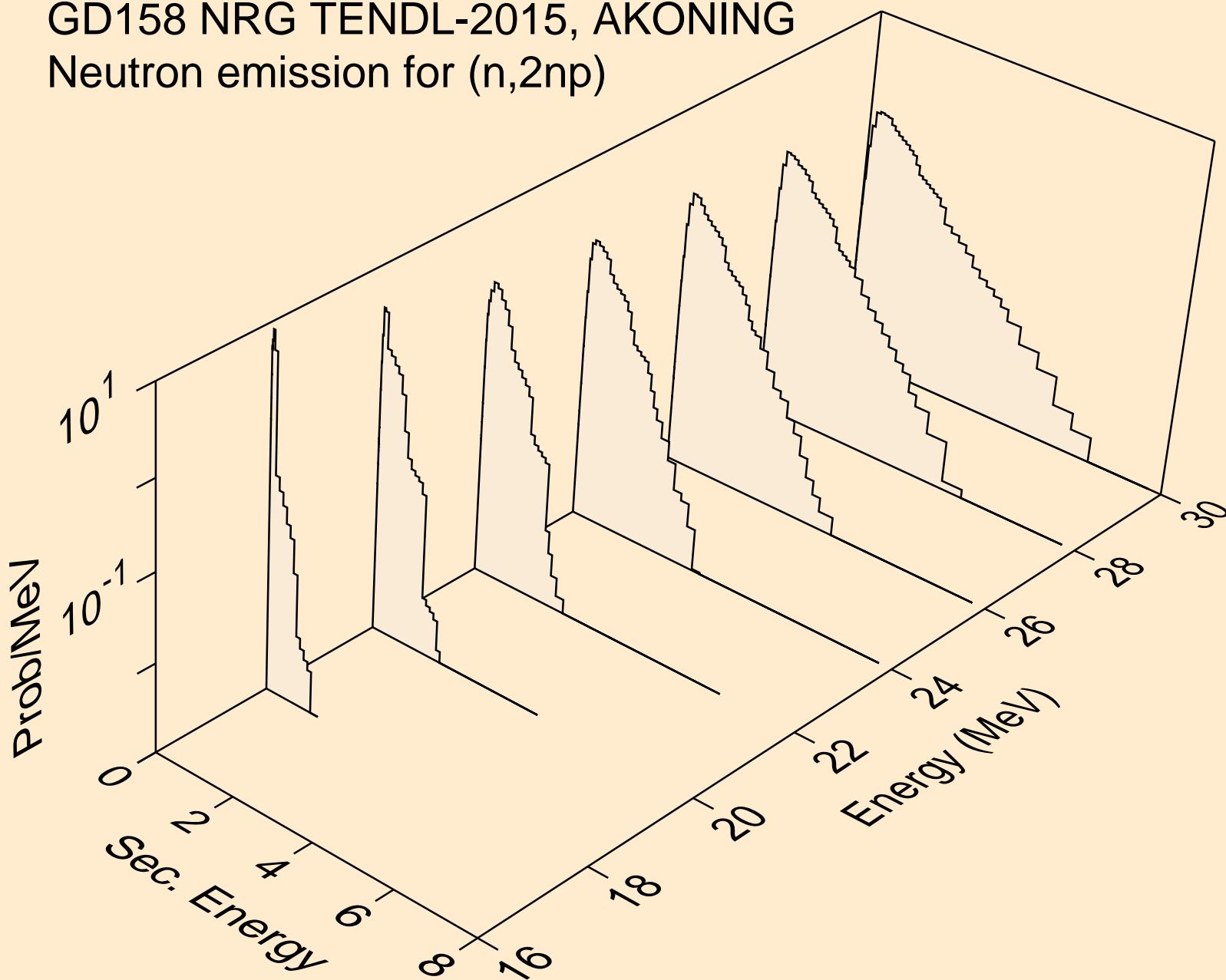
GD158 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



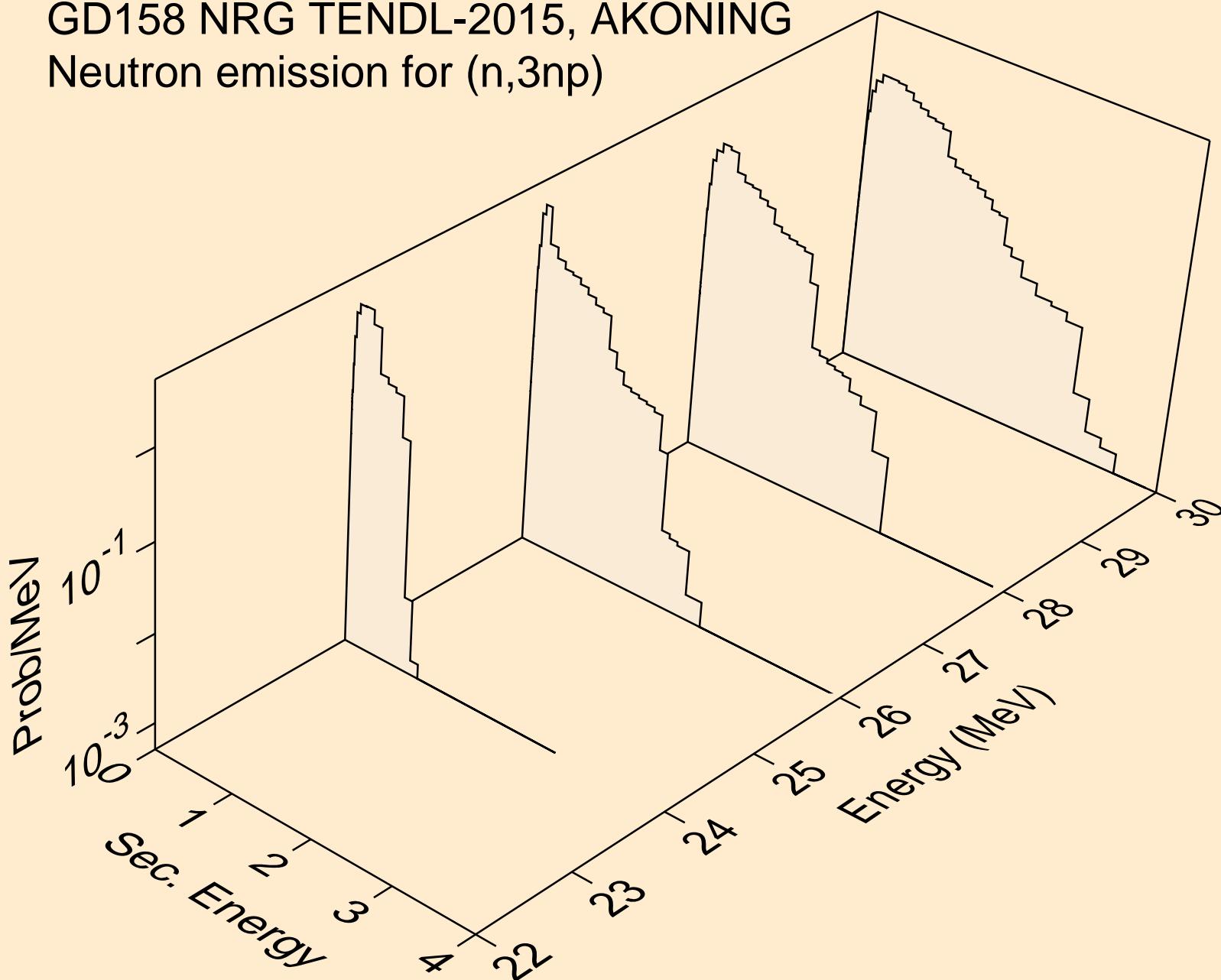
GD158 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



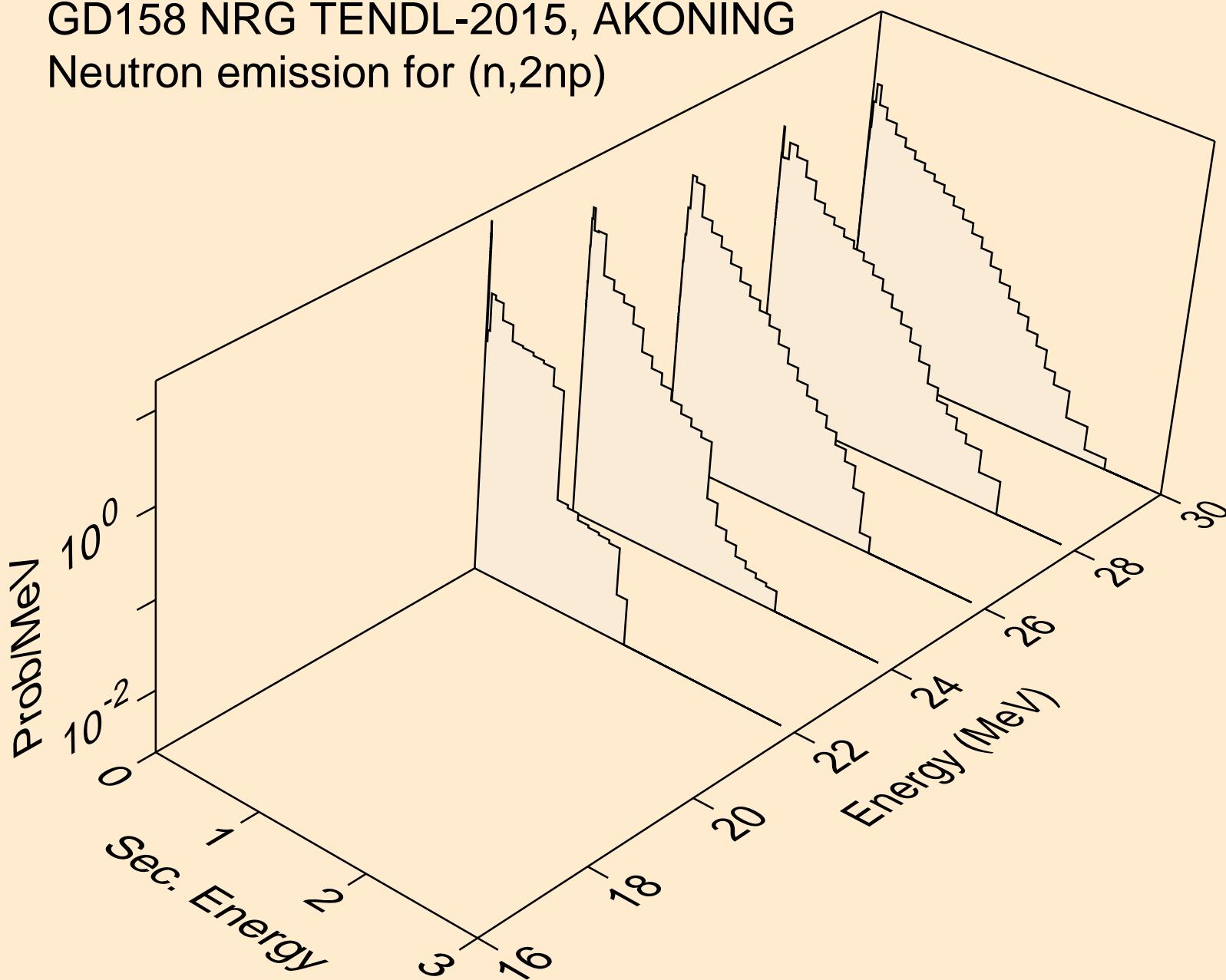
GD158 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



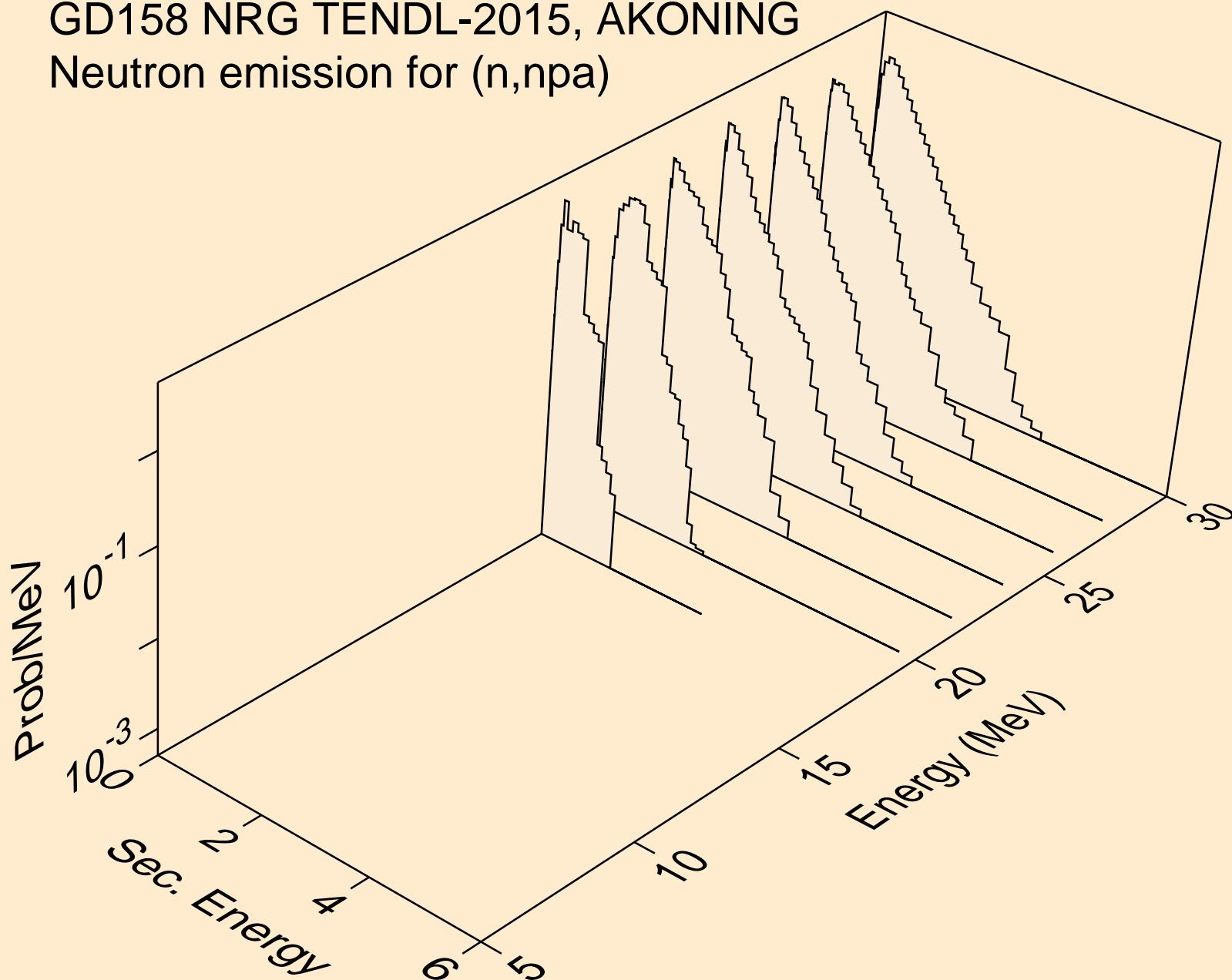
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Neutron emission for (n,3np)



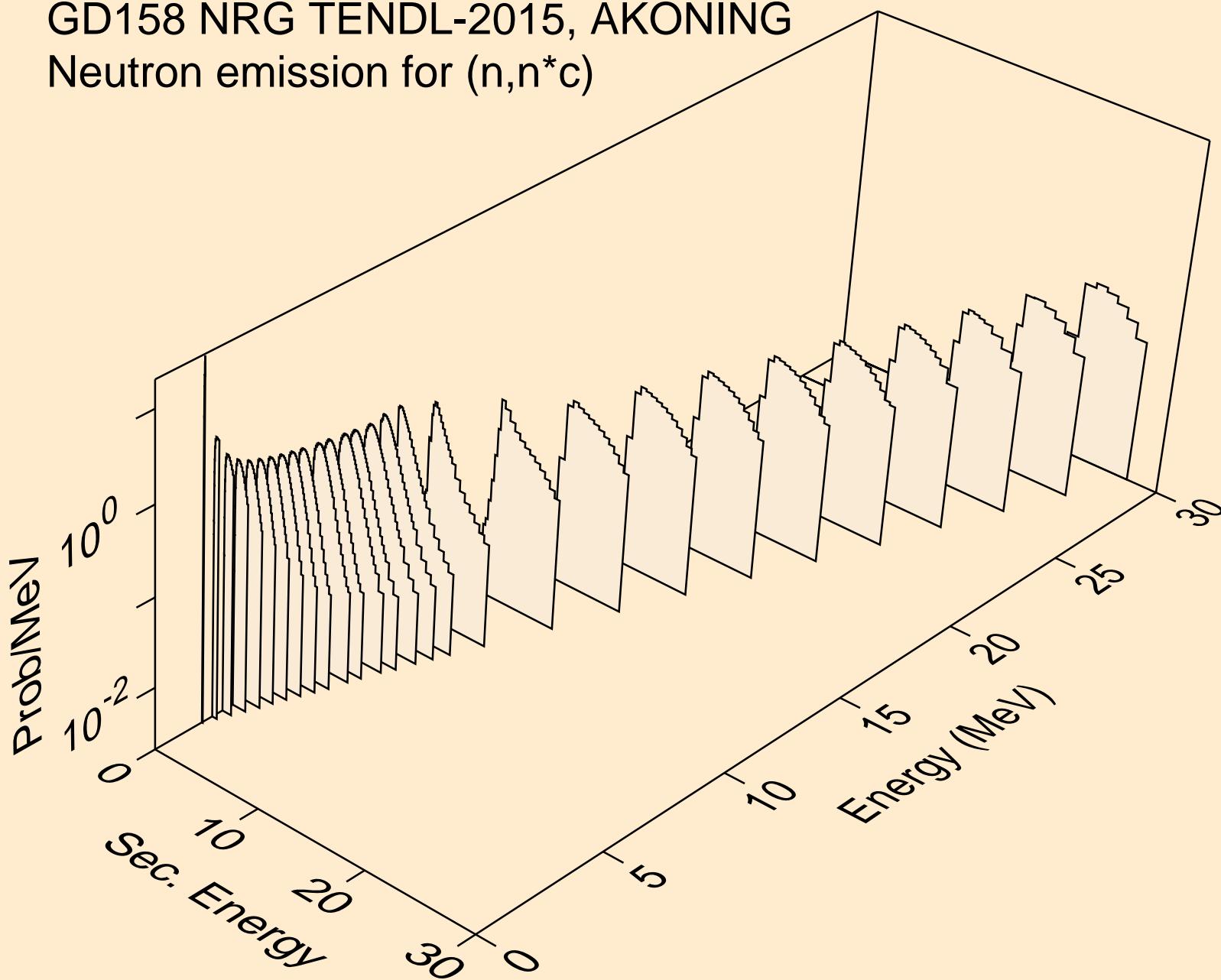
GD158 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



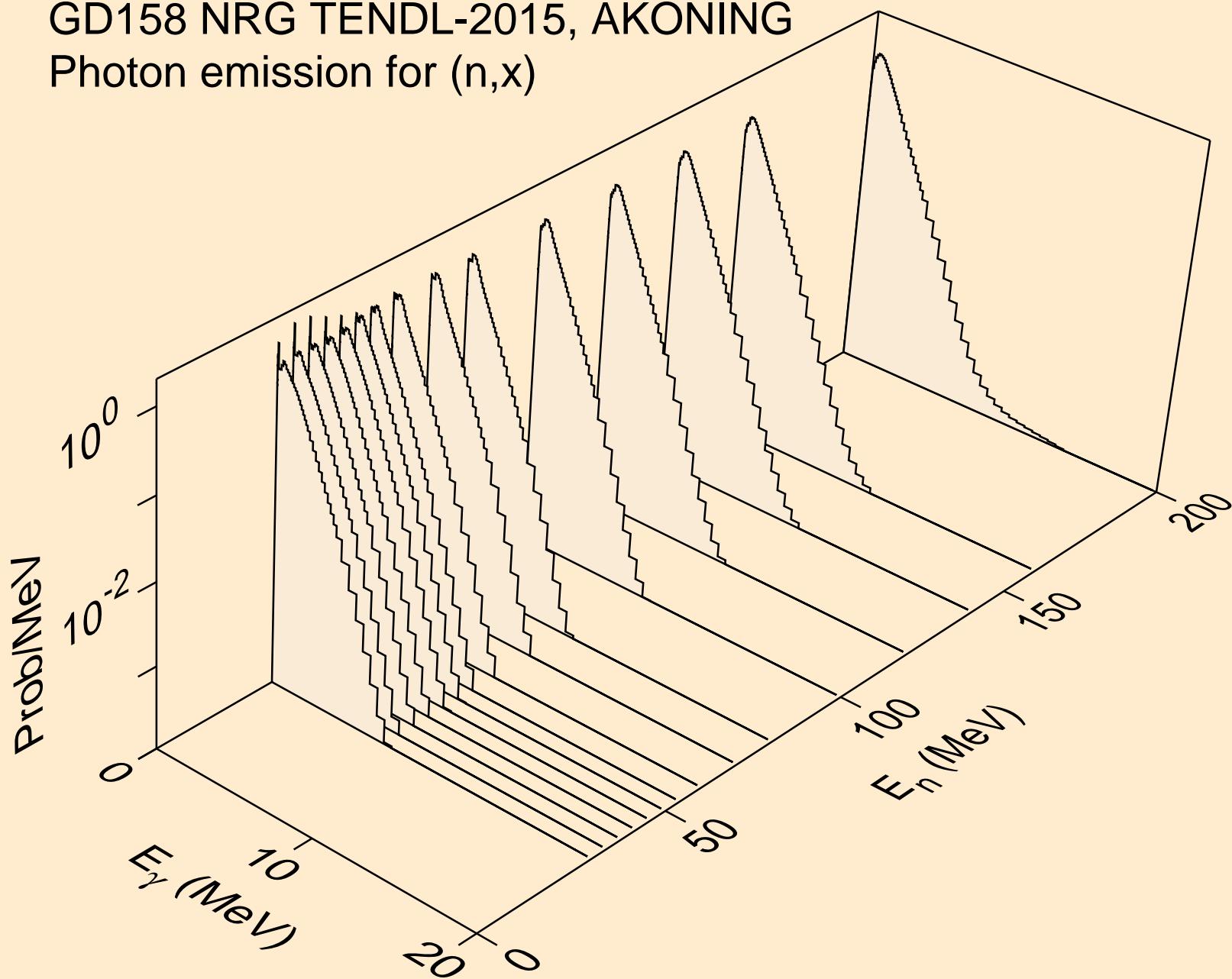
GD158 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



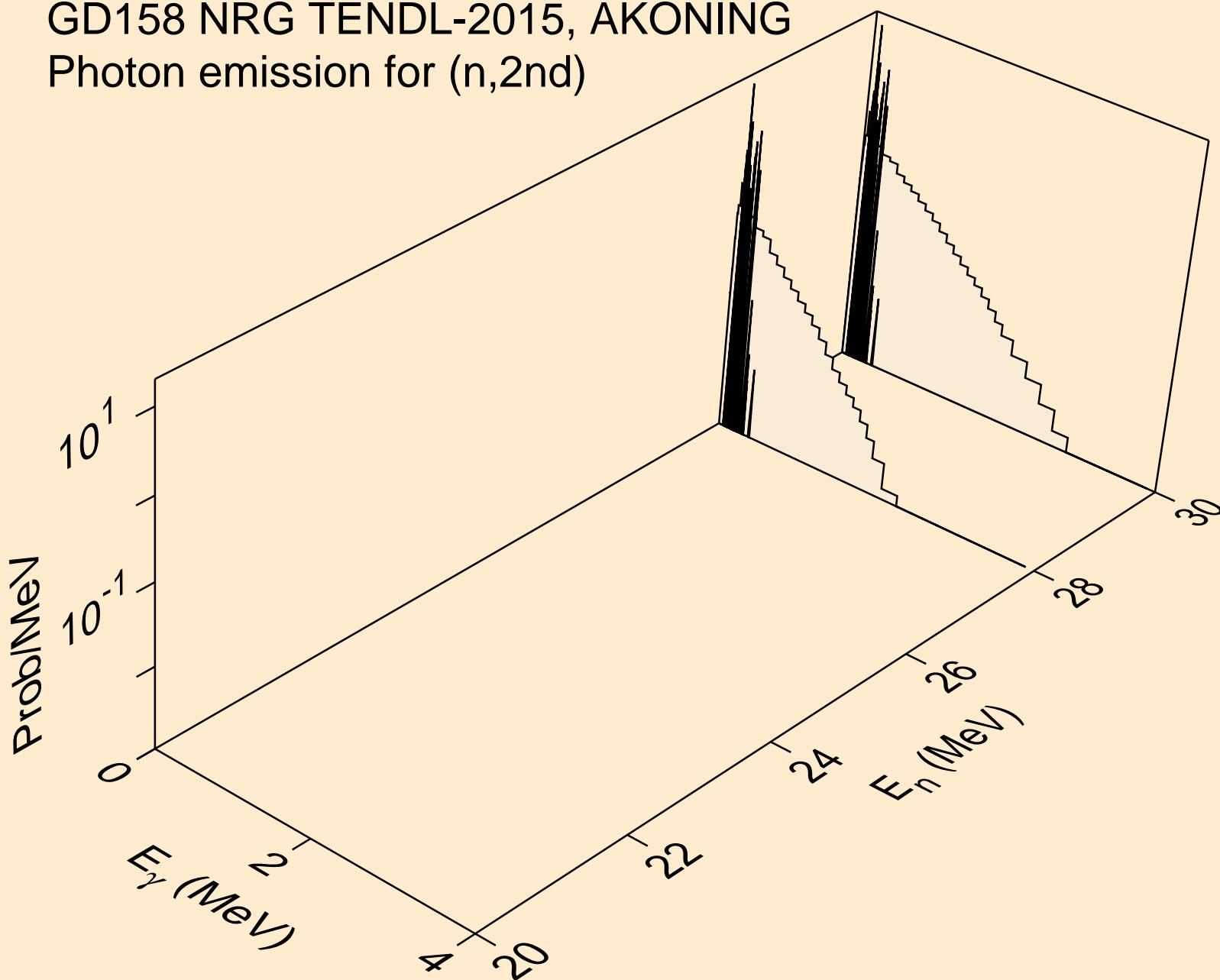
GD158 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



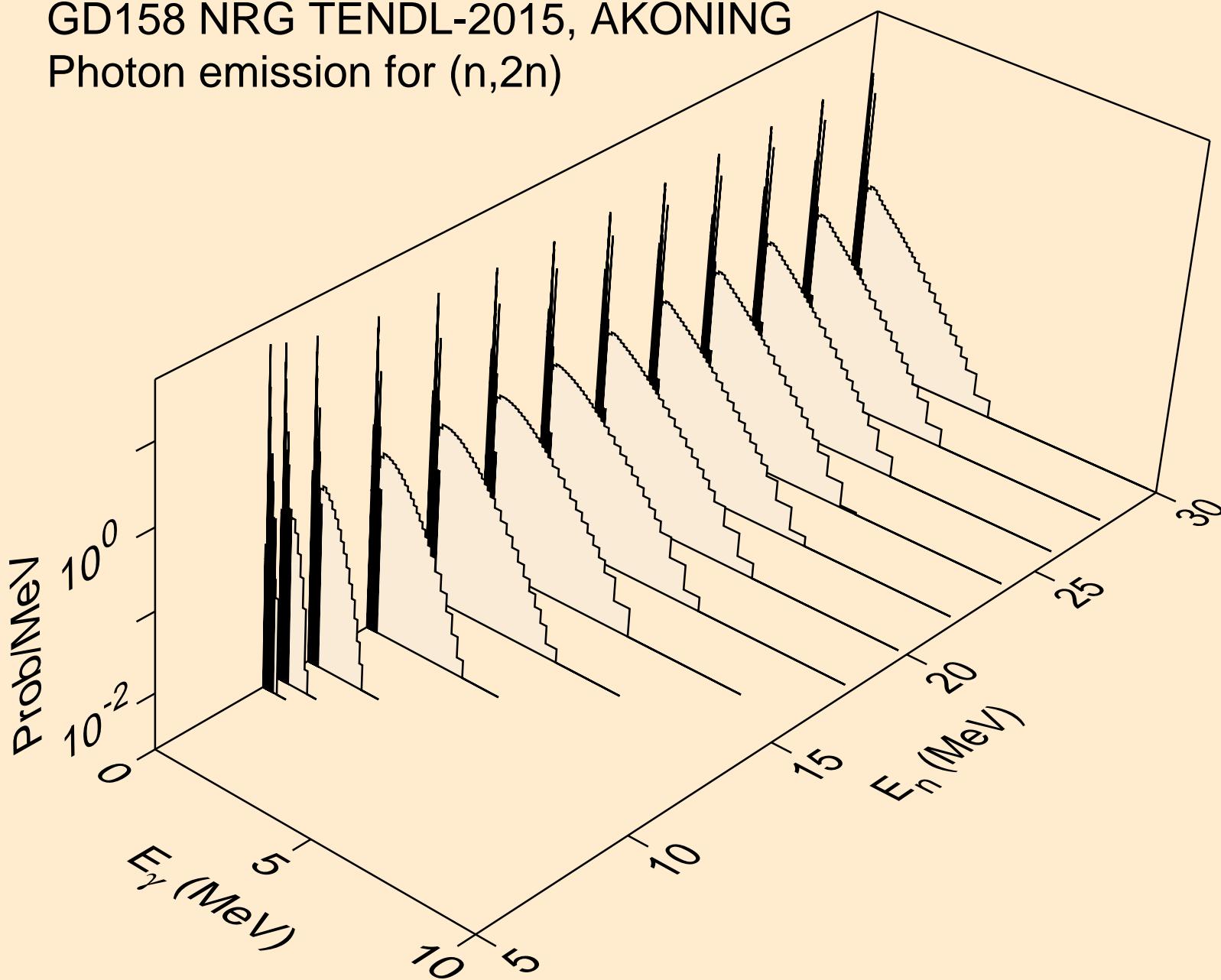
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



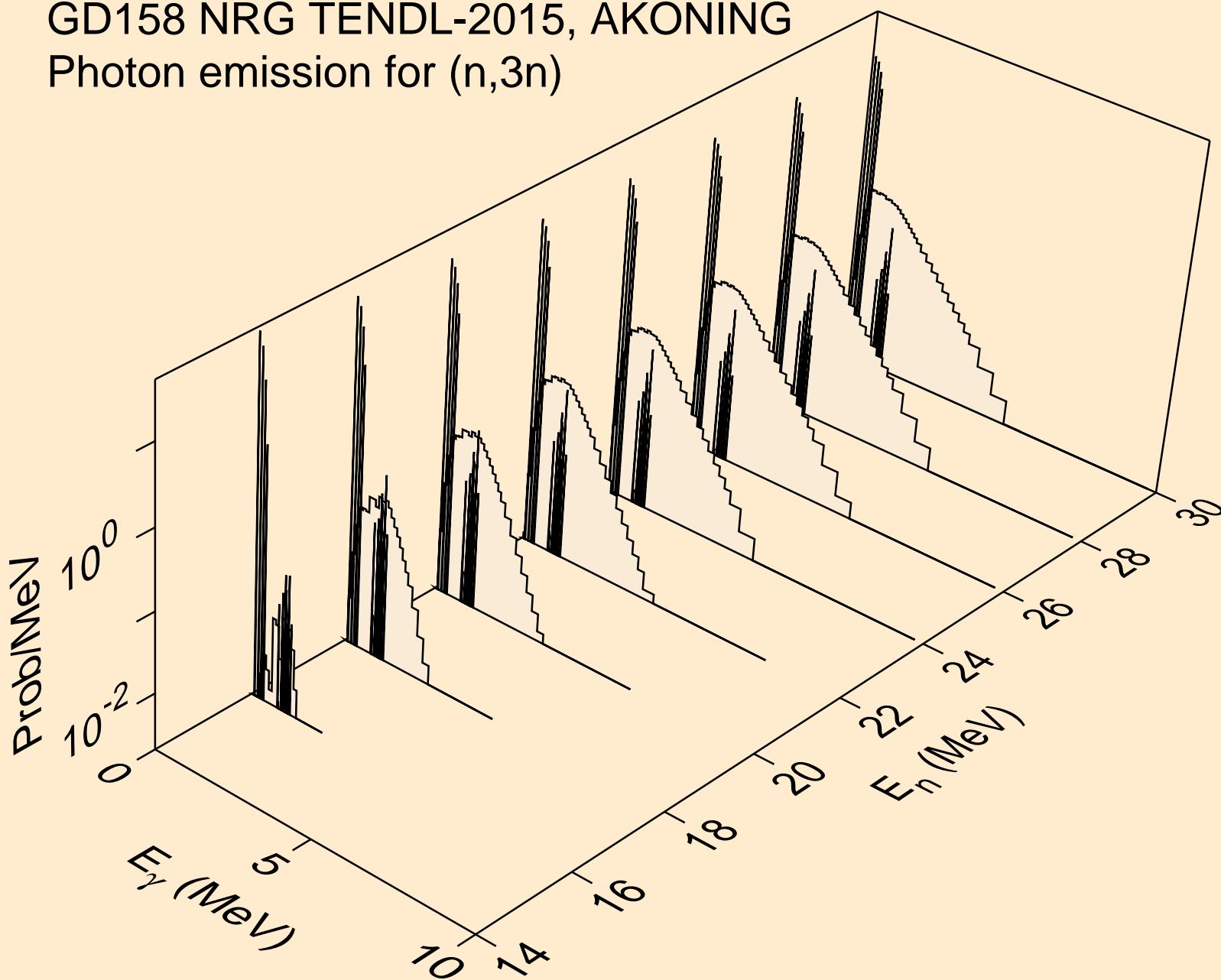
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



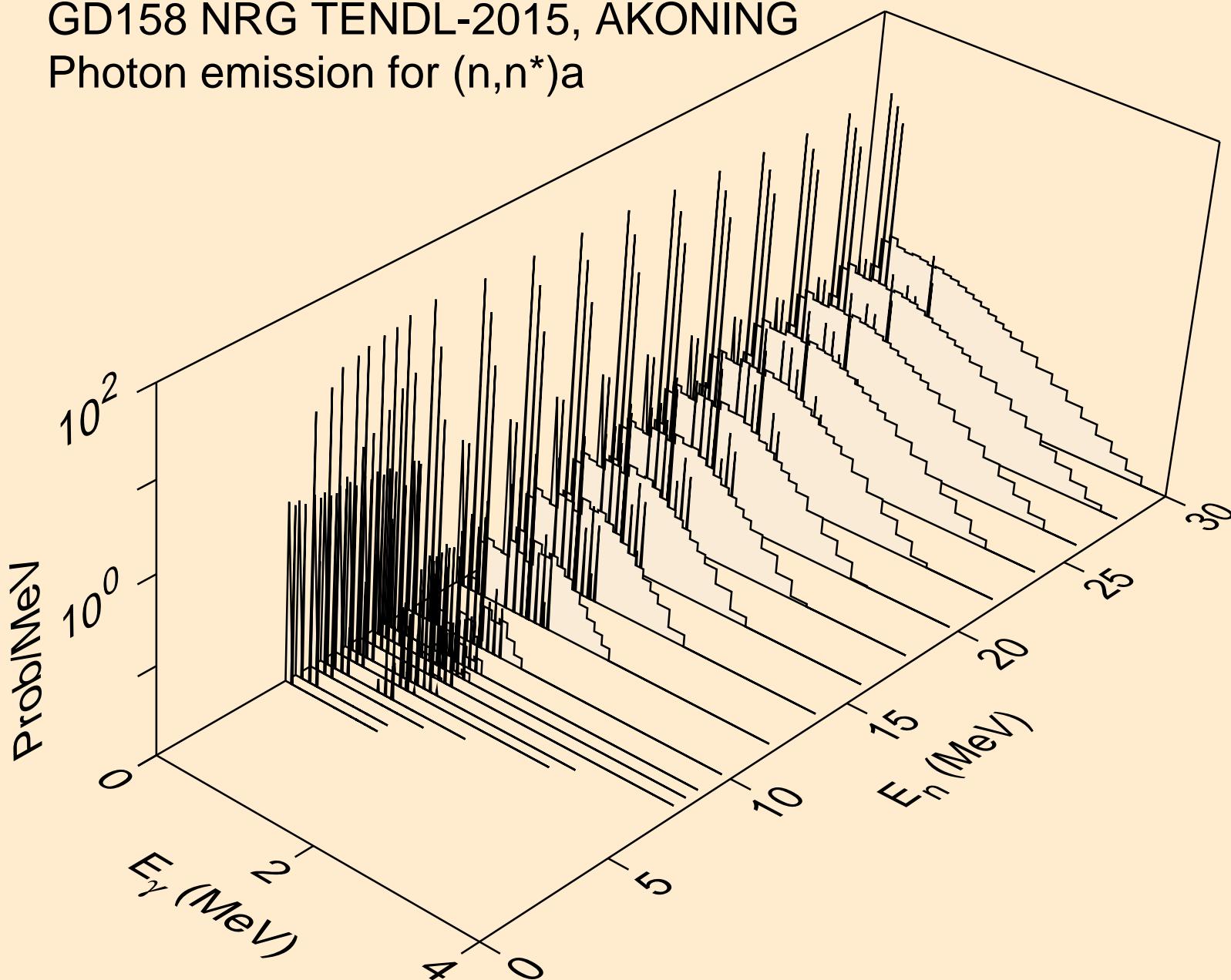
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



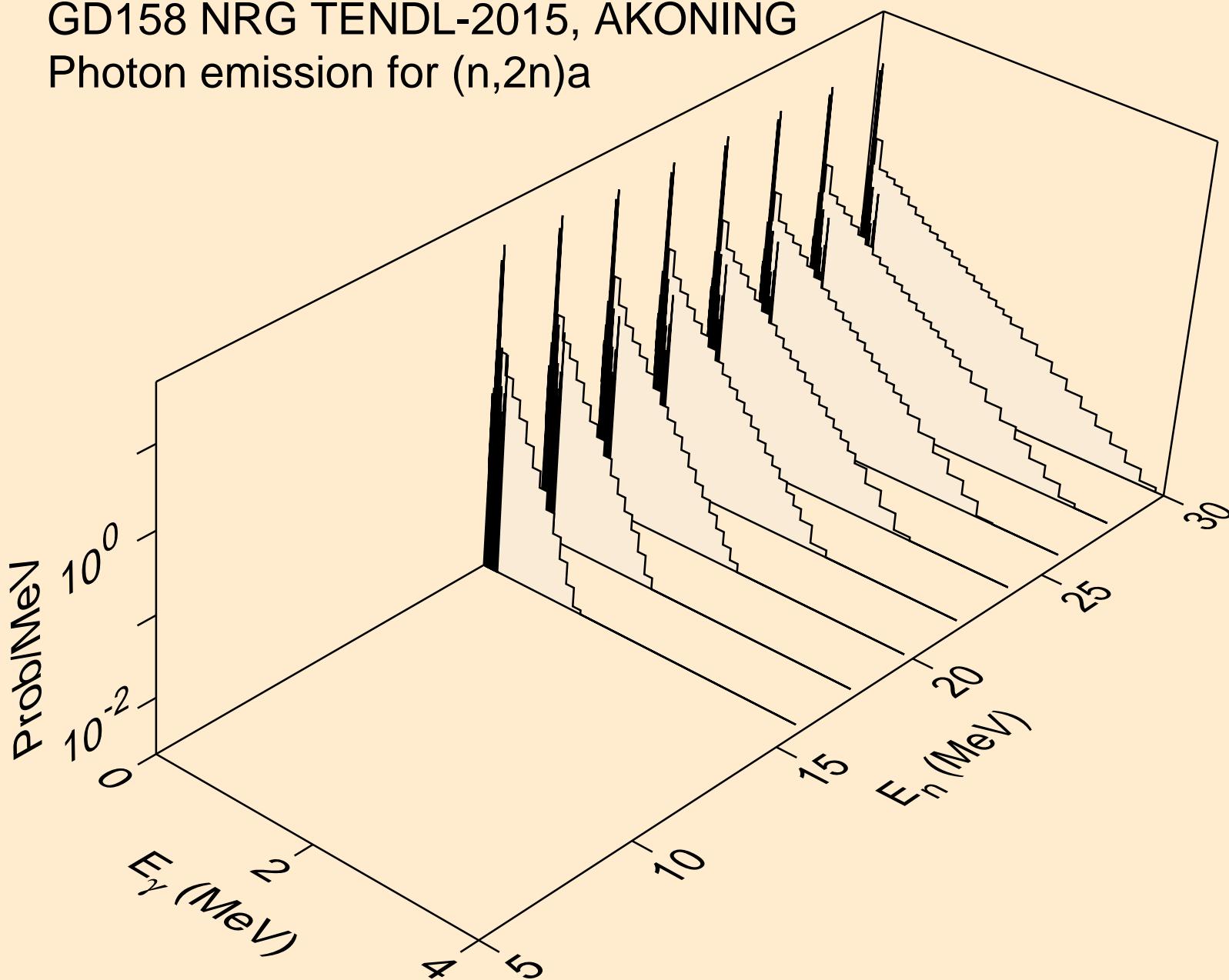
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Photon emission for (n,3n)



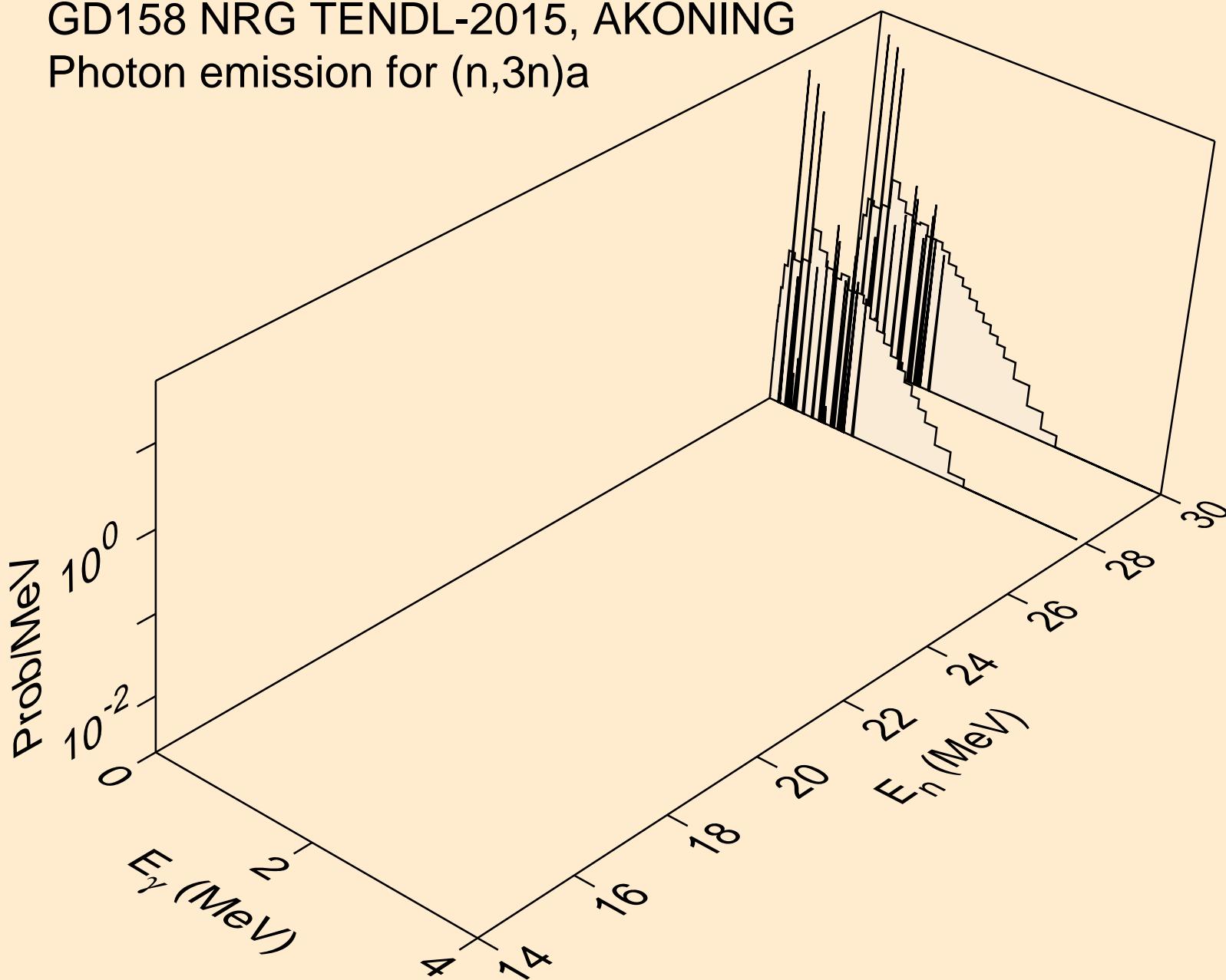
GD158 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



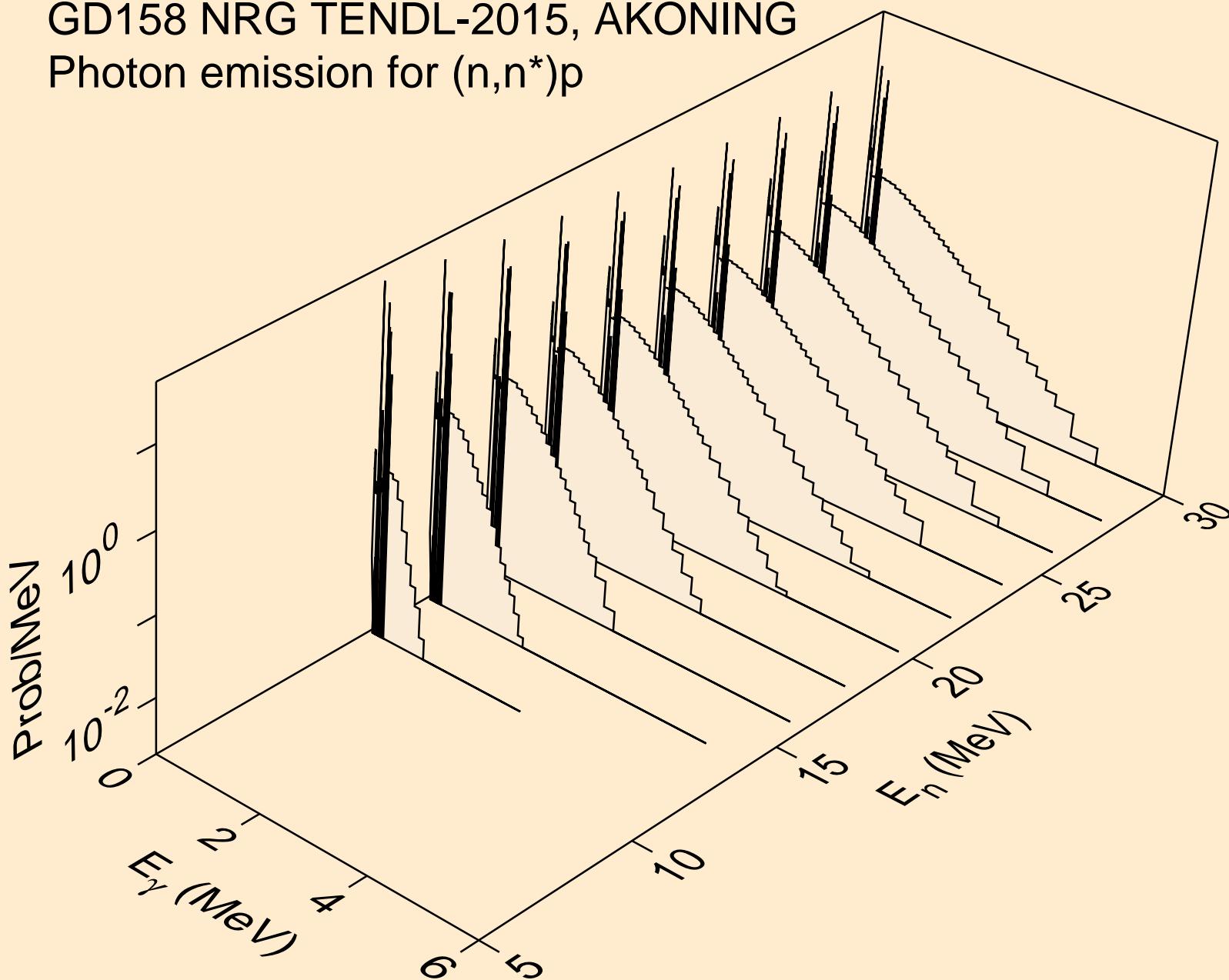
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



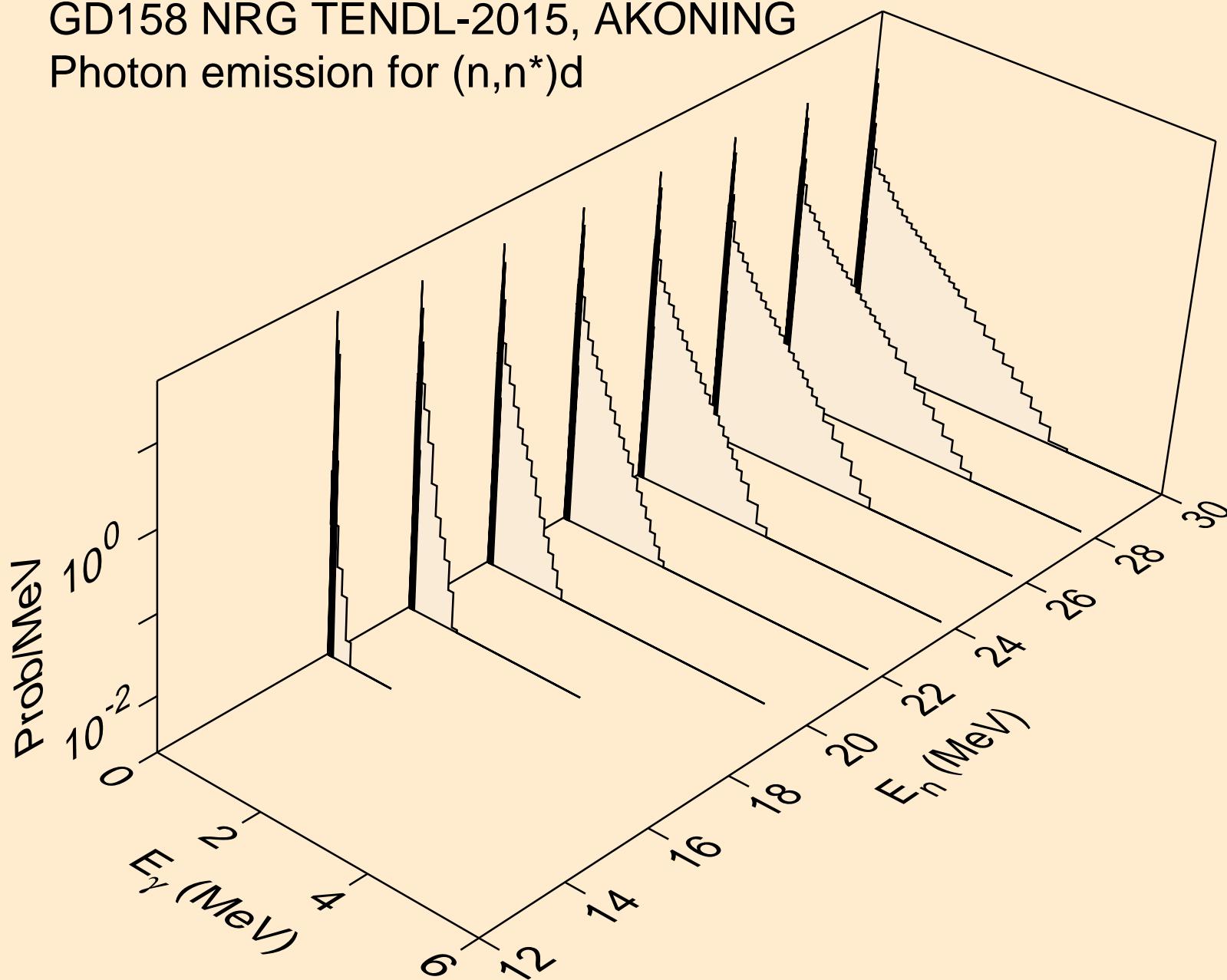
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



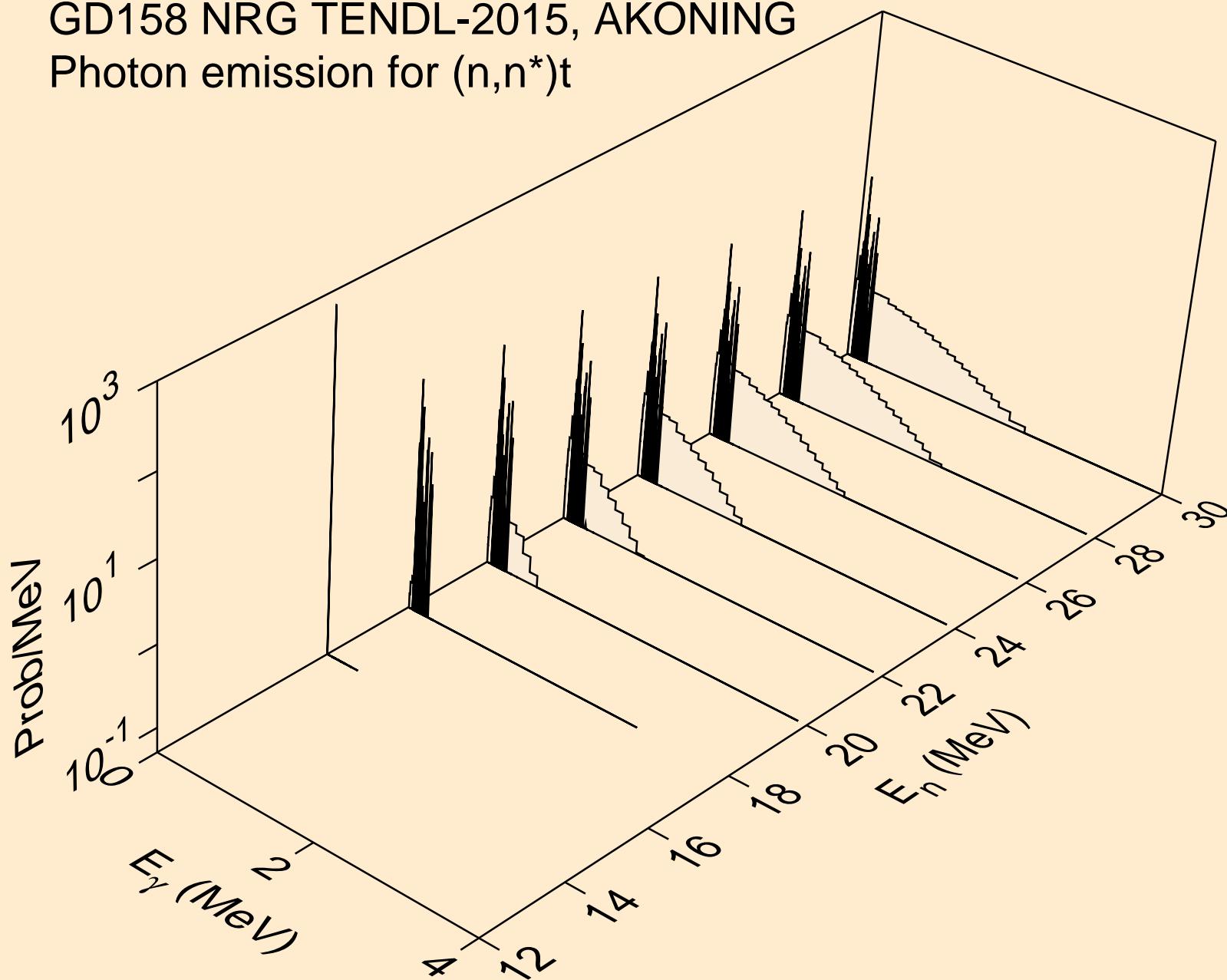
GD158 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



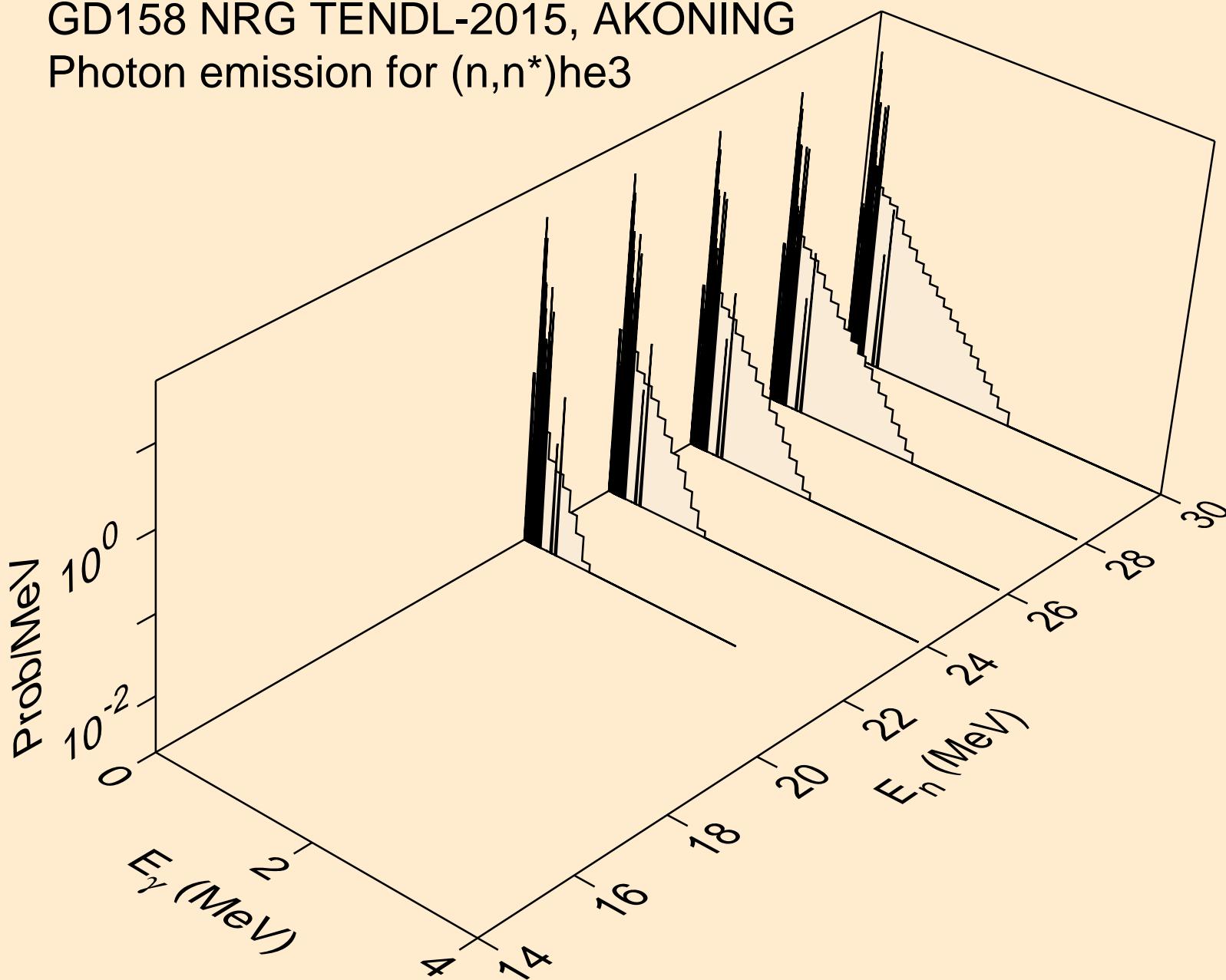
GD158 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



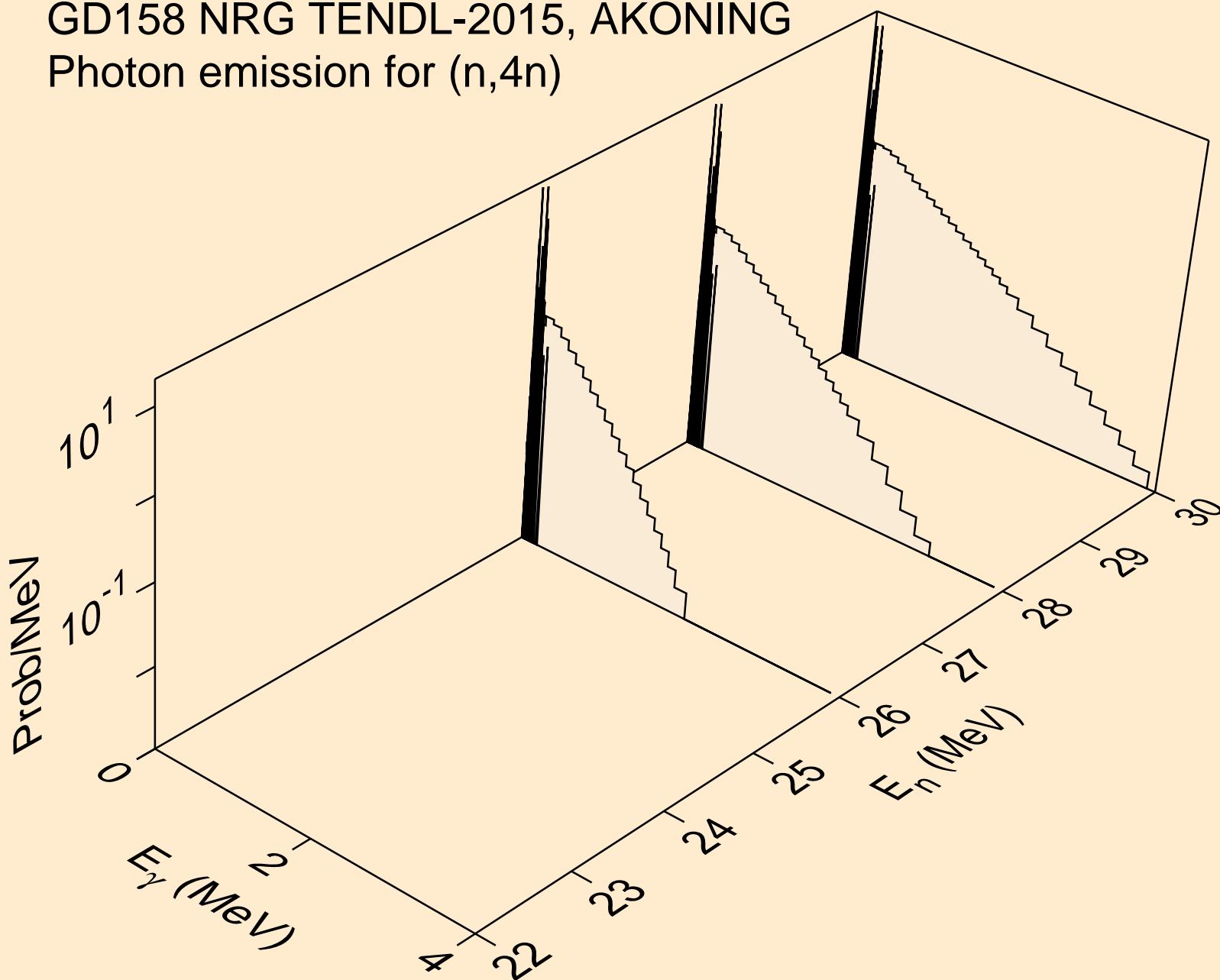
GD158 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



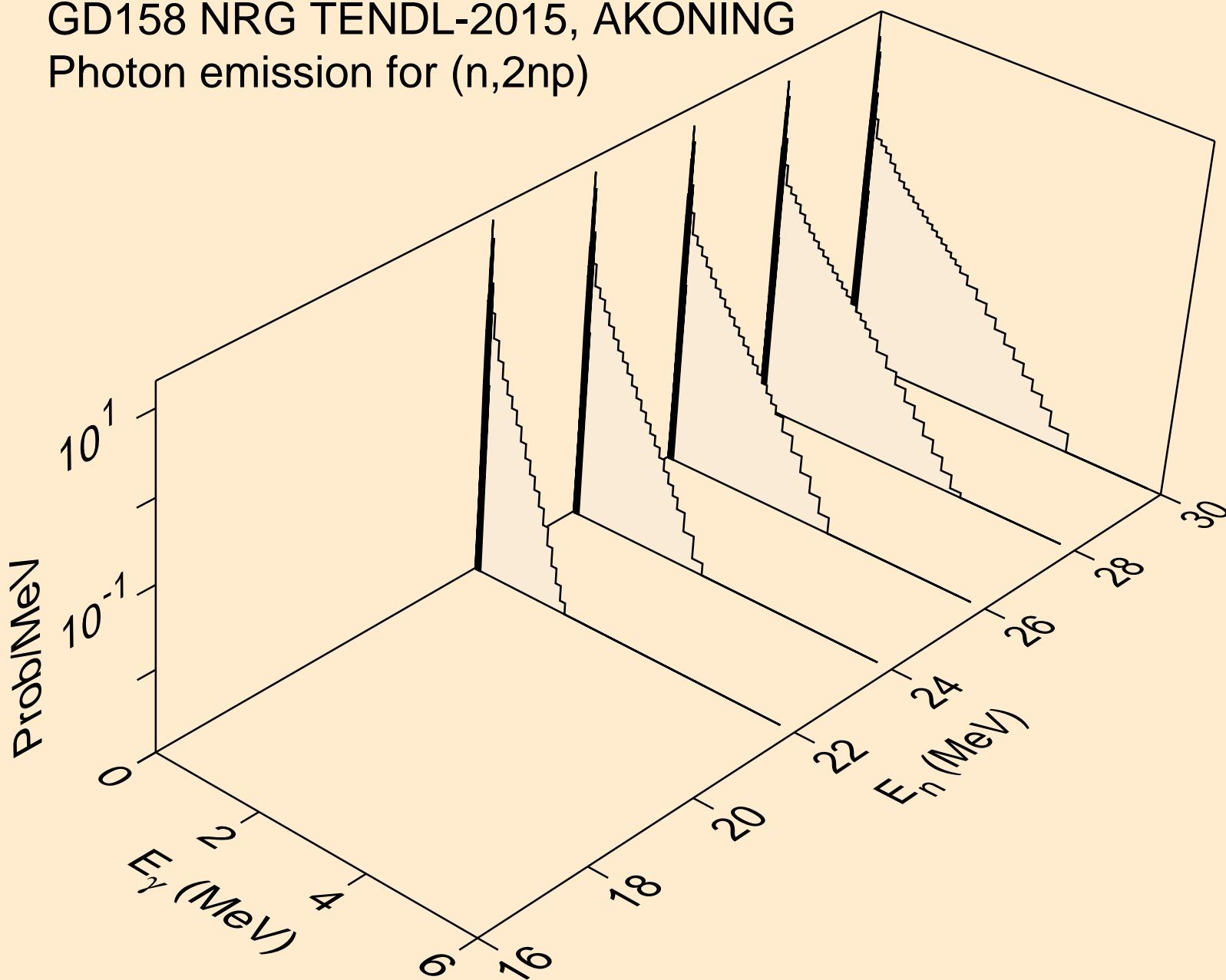
GD158 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



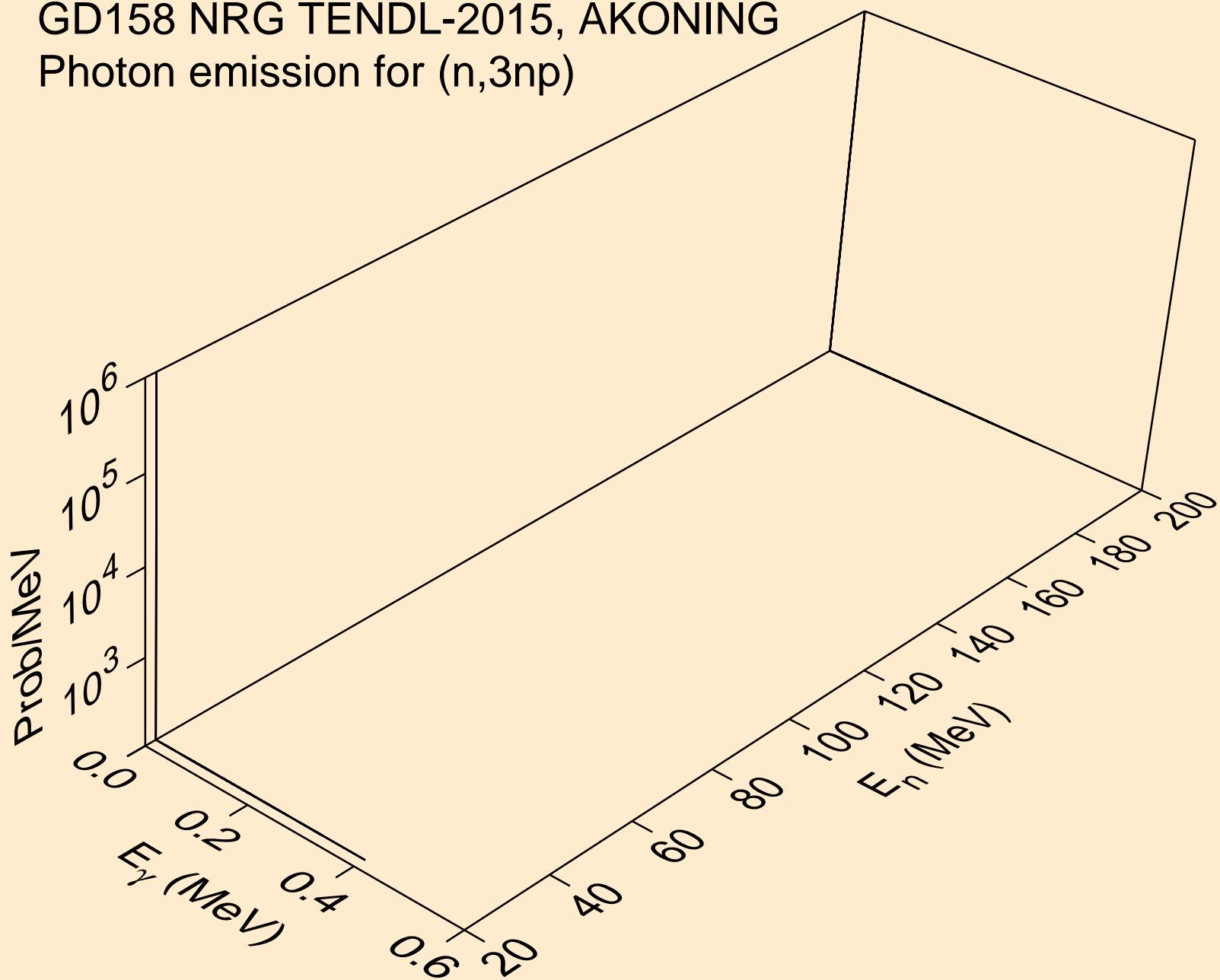
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



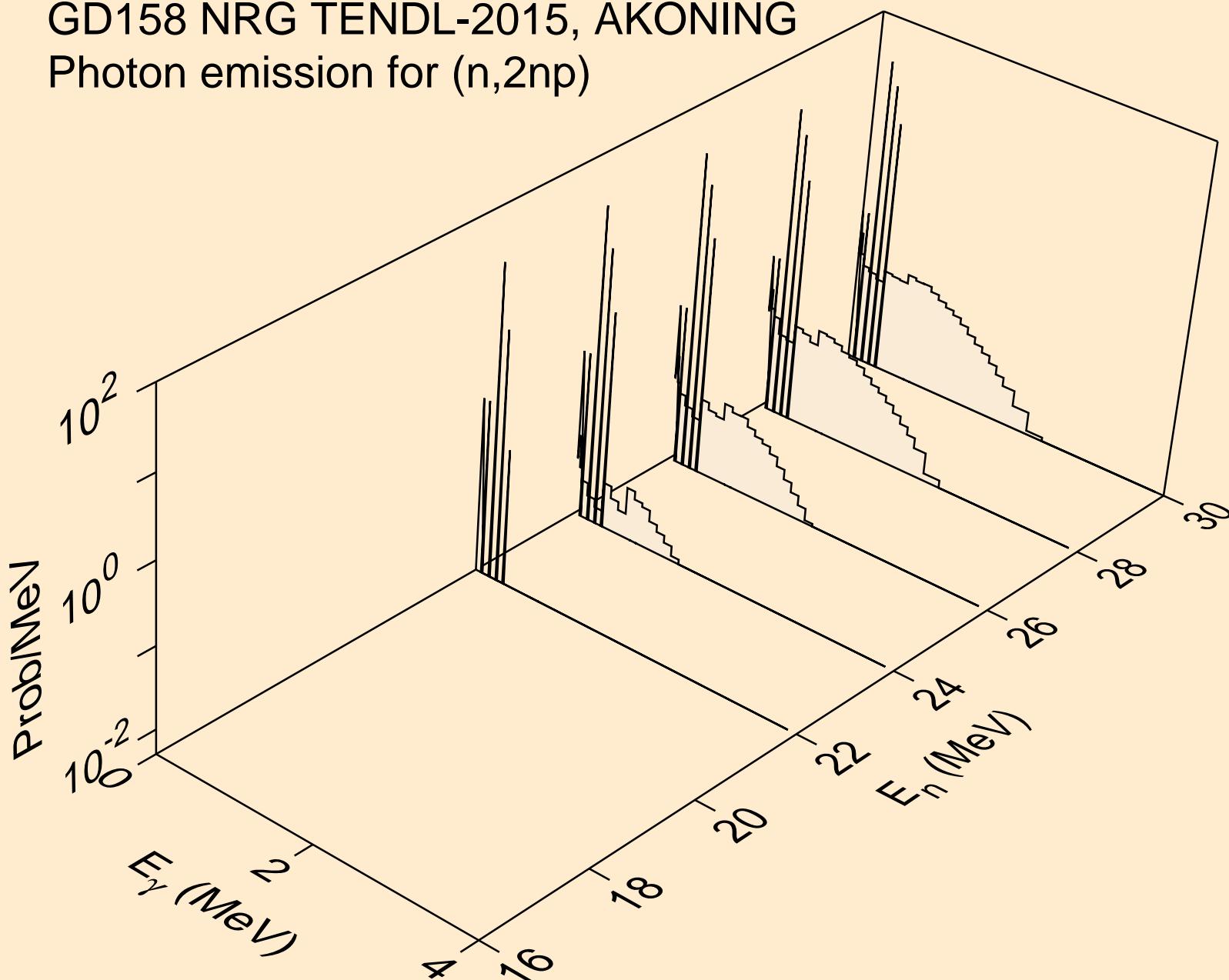
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



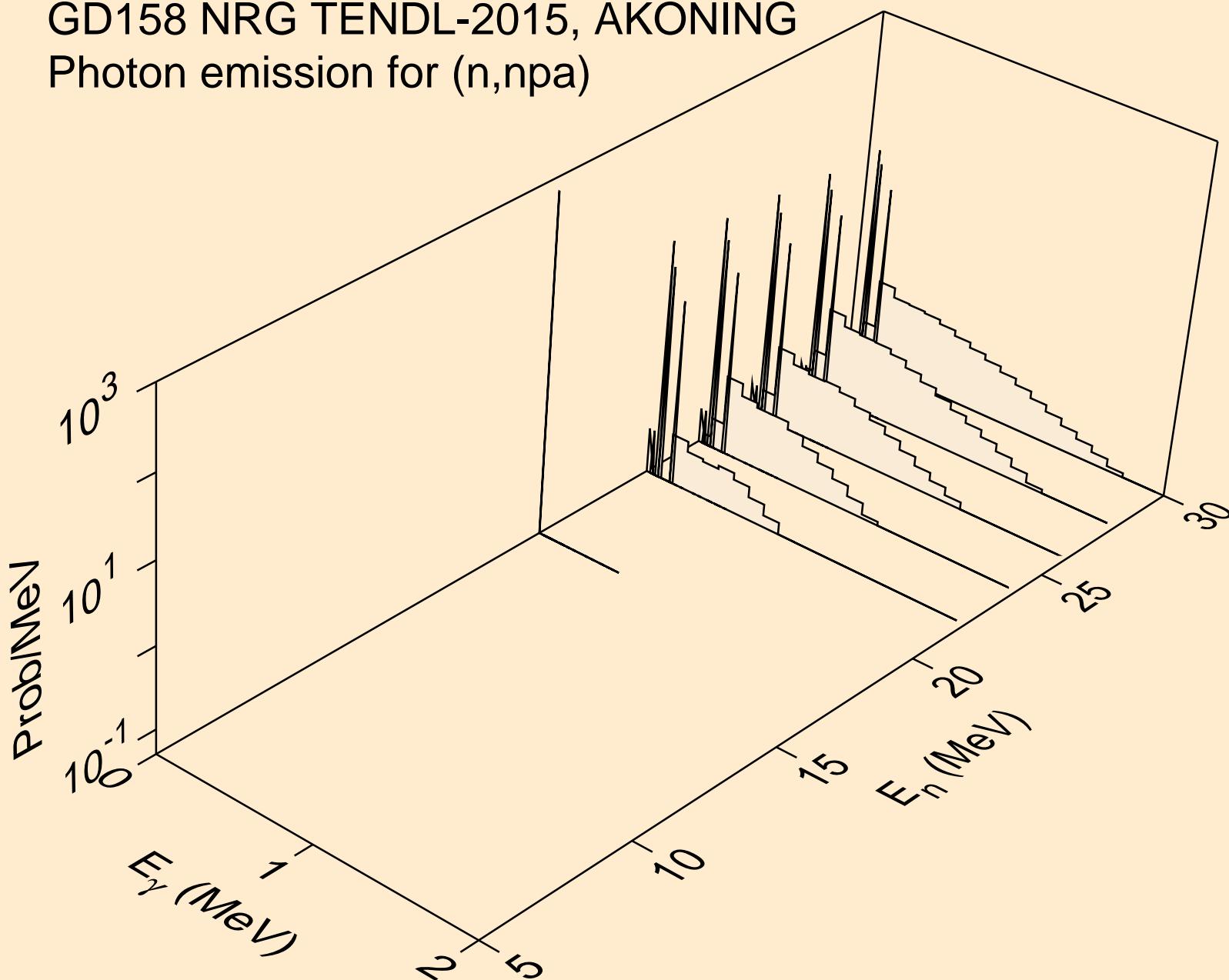
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Photon emission for (n,3np)



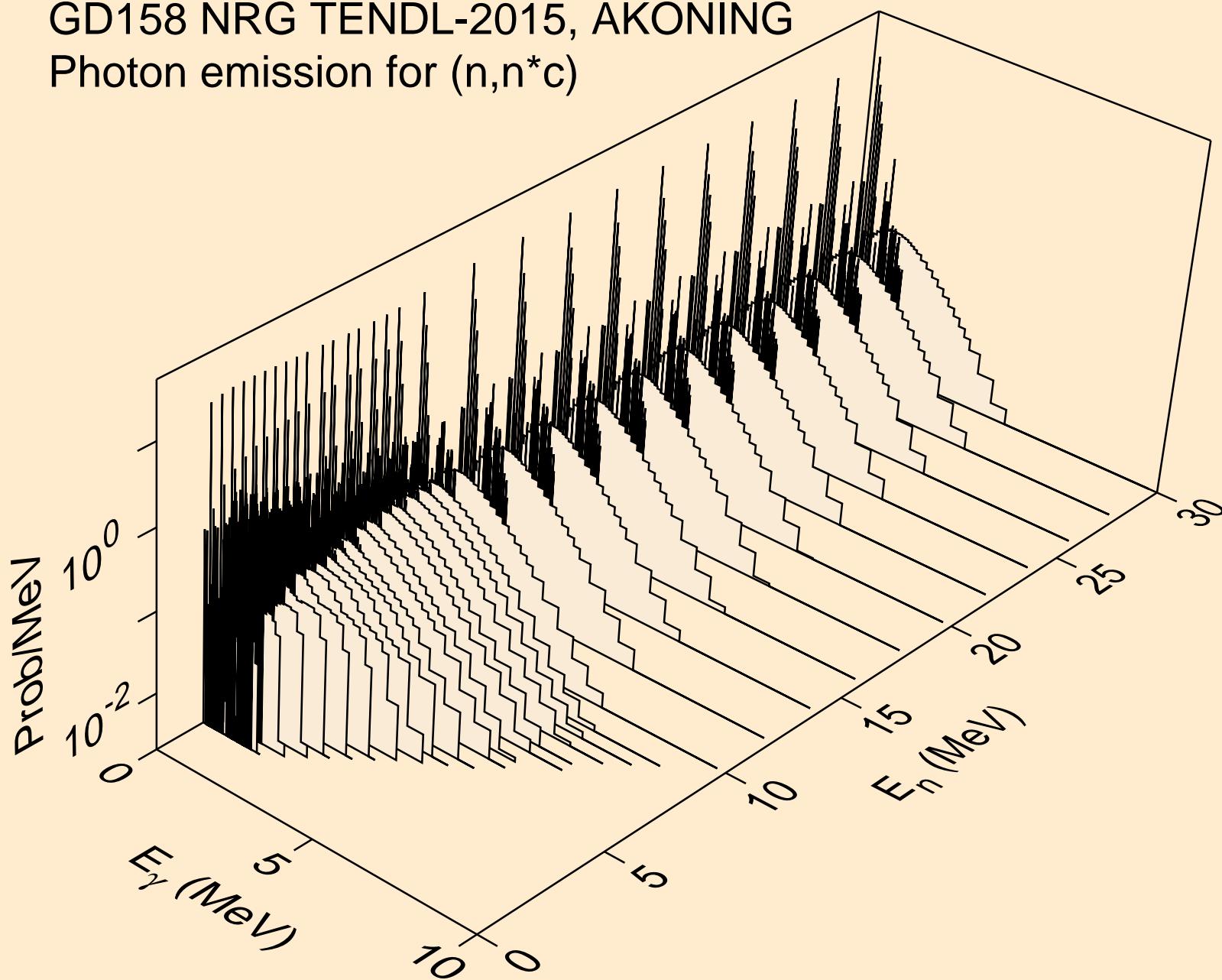
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Photon emission for (n,2np)



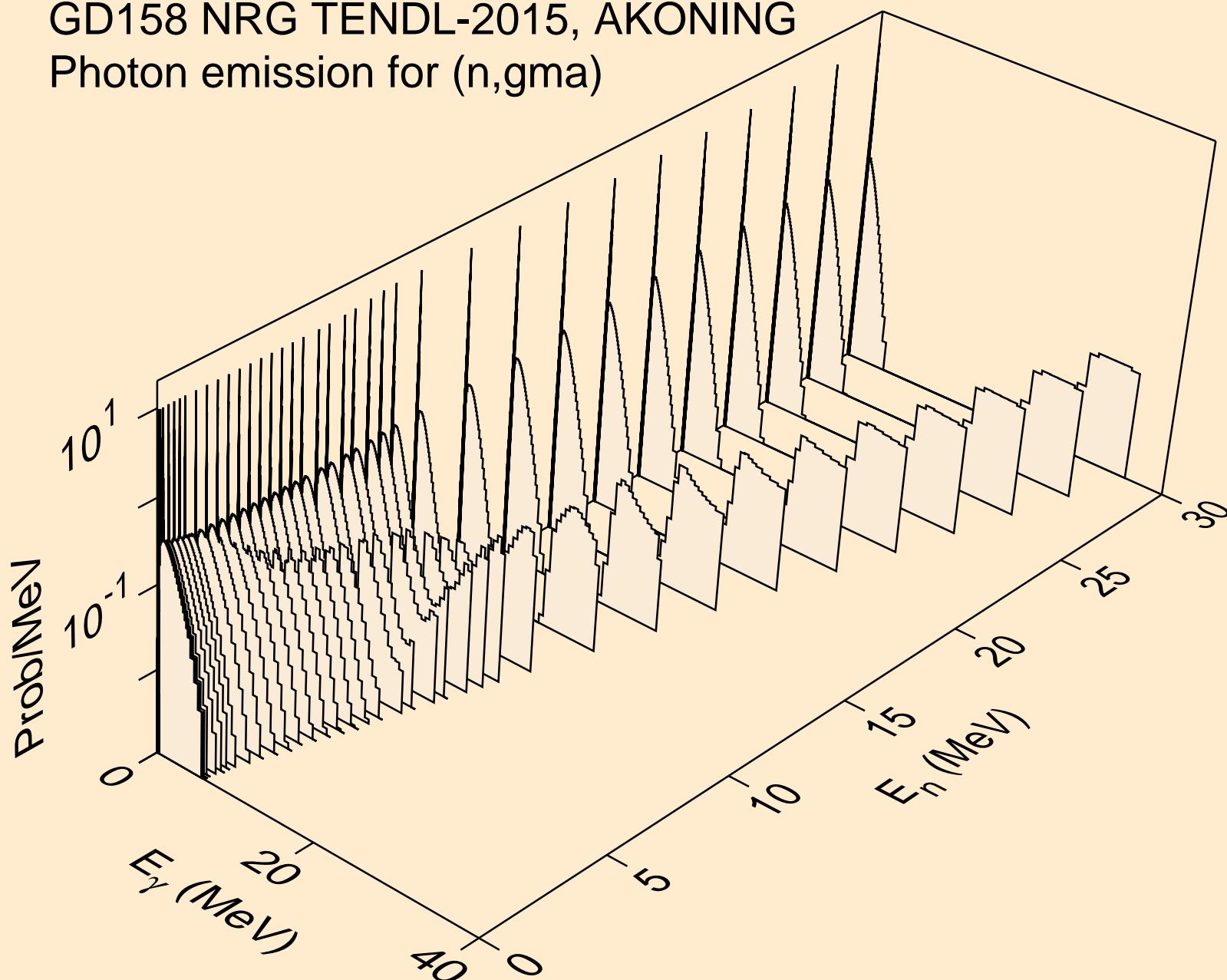
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



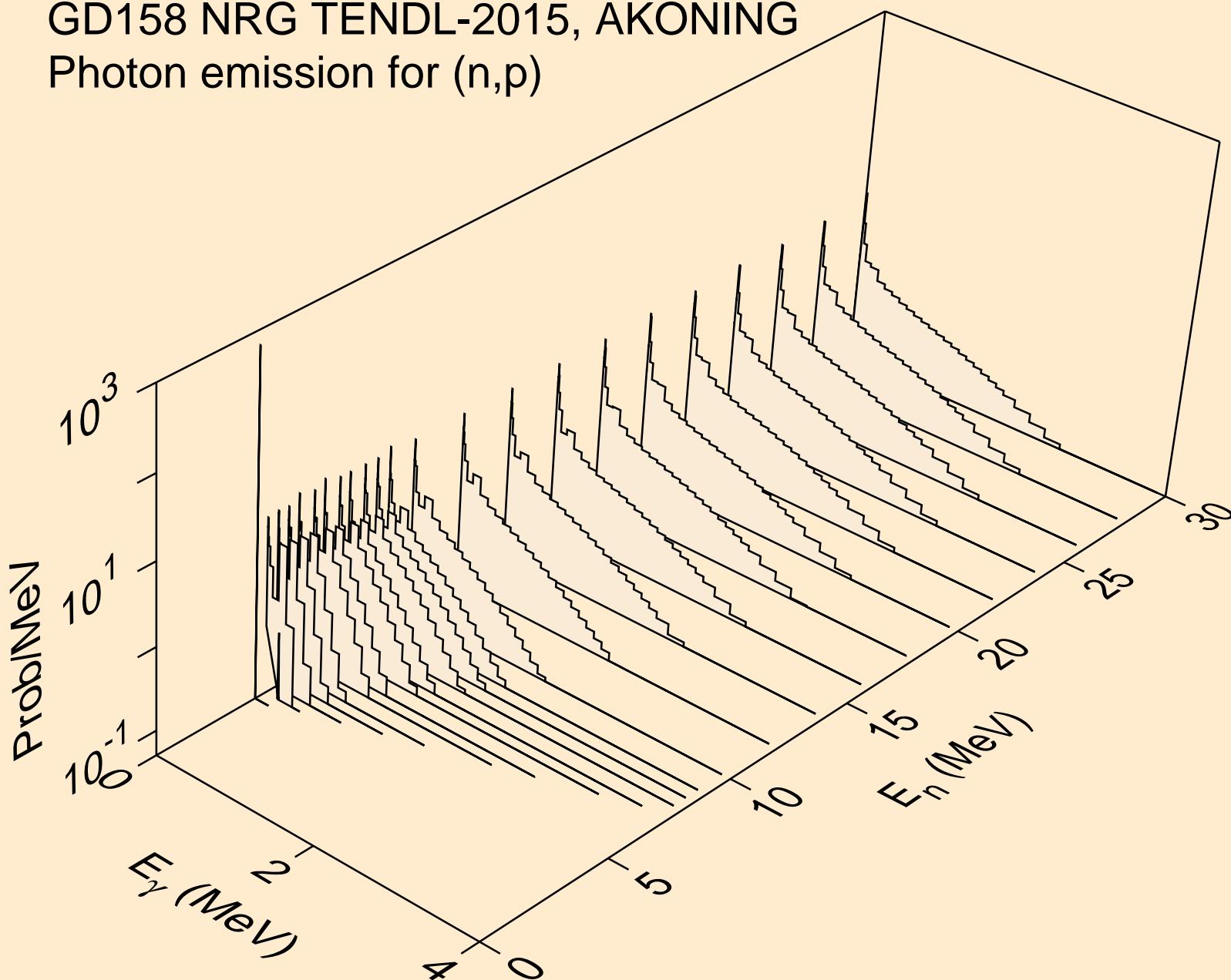
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



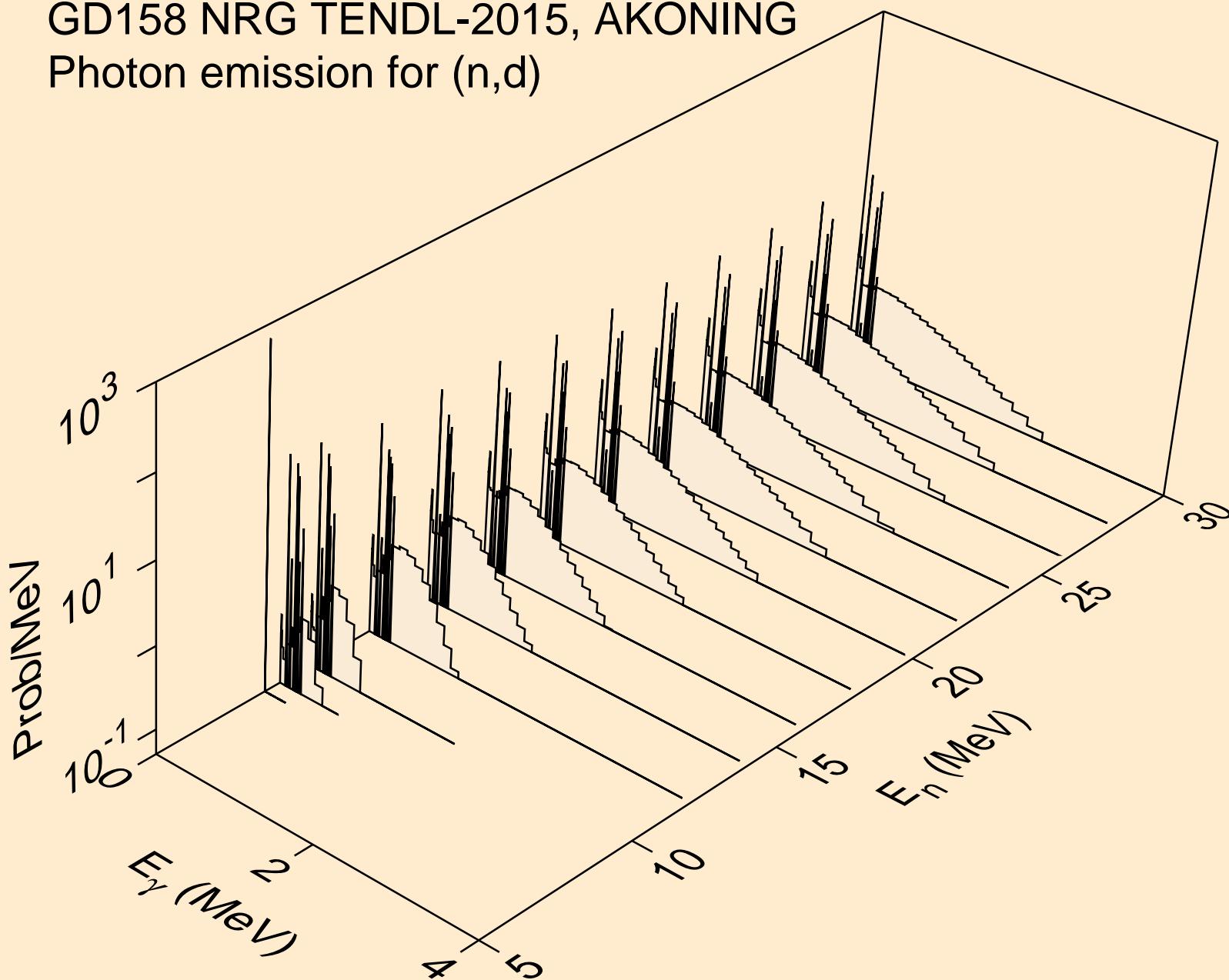
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



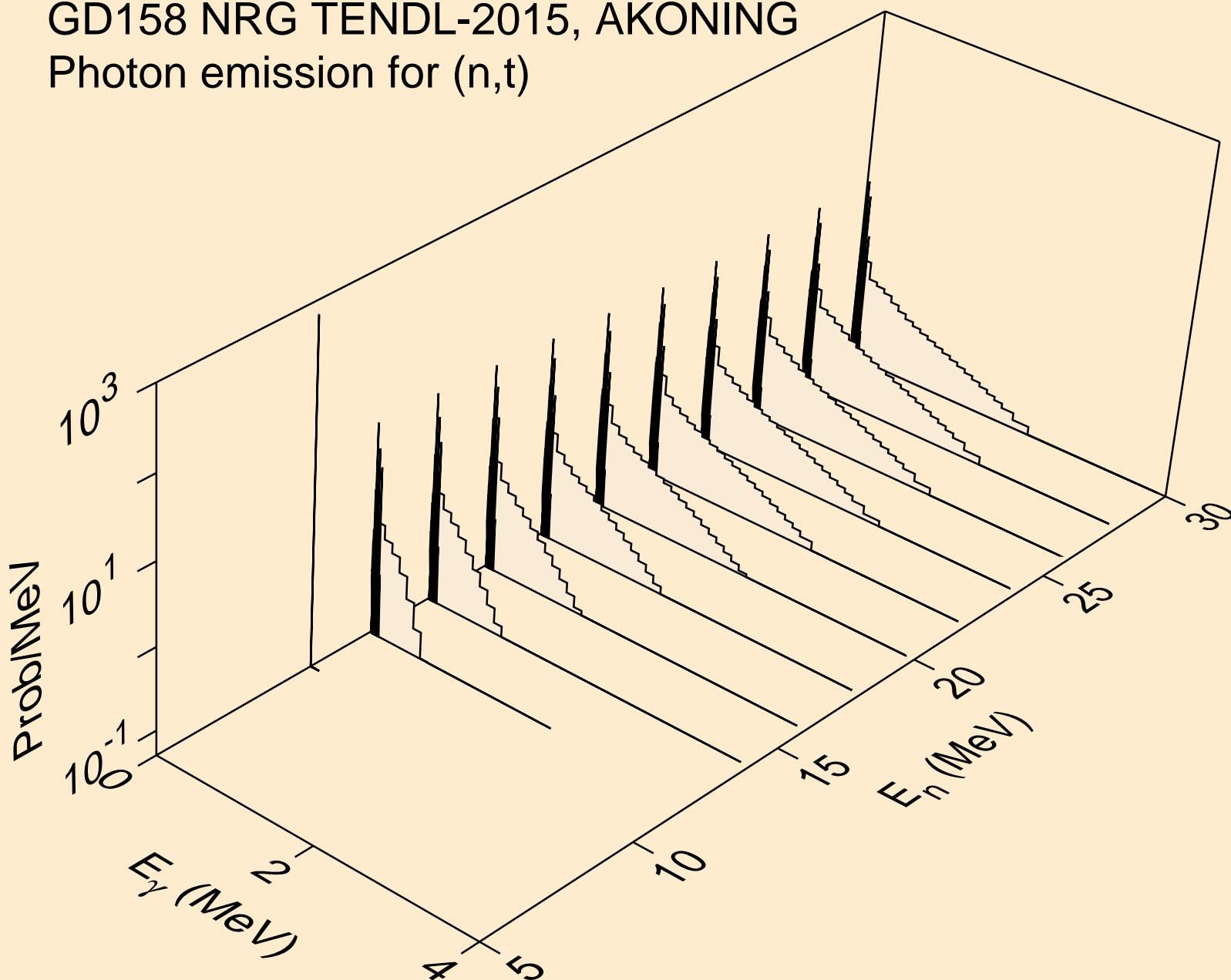
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



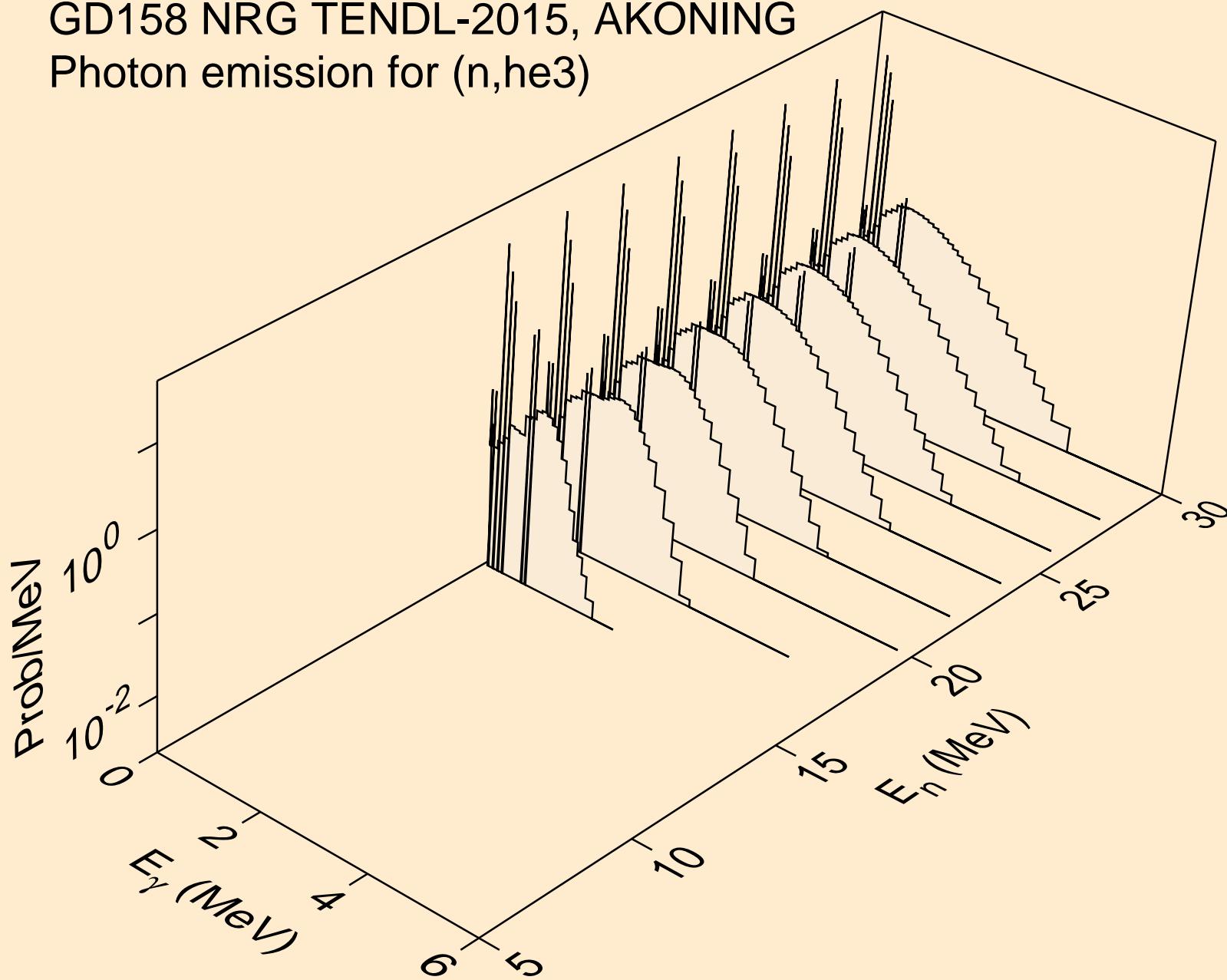
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



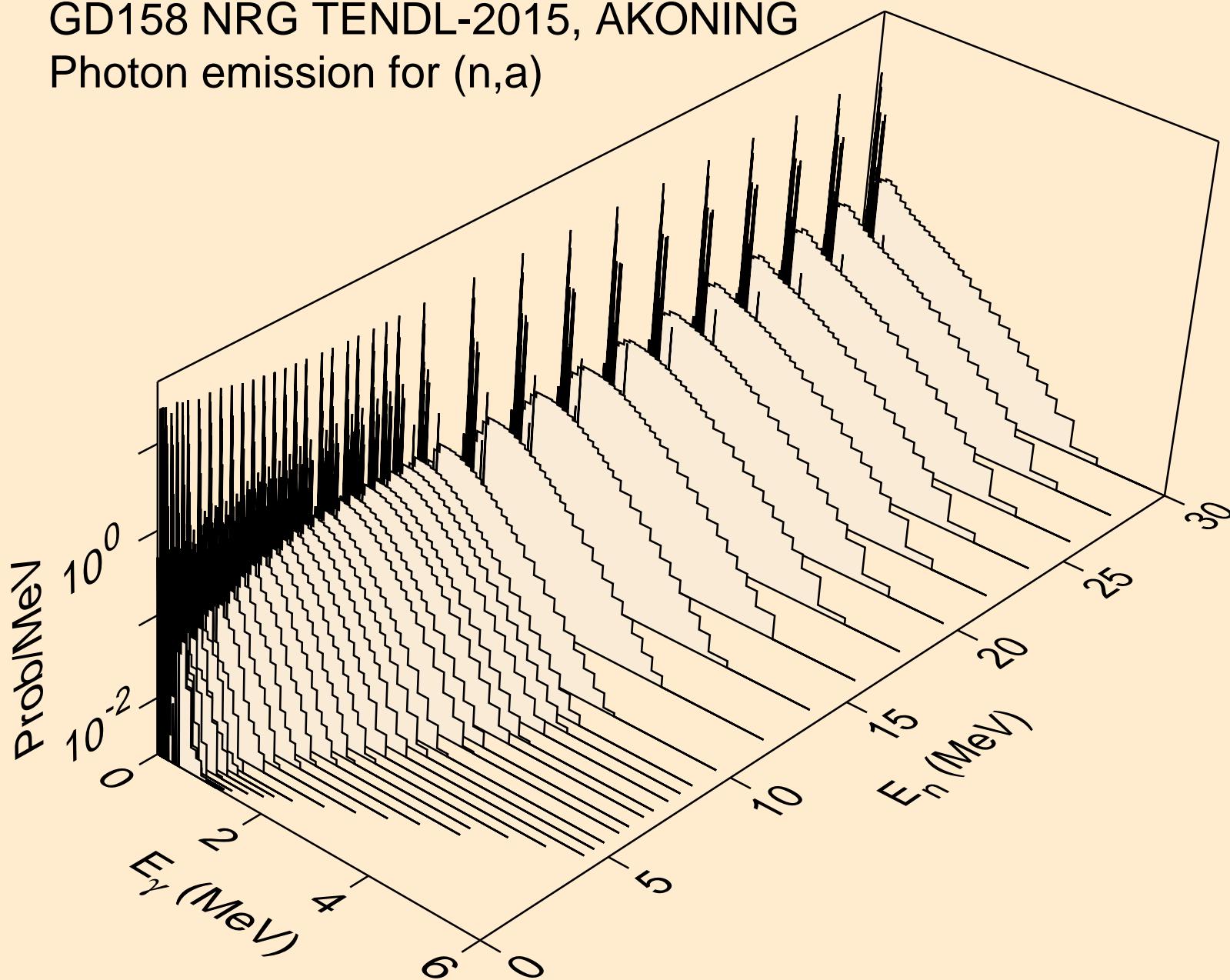
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



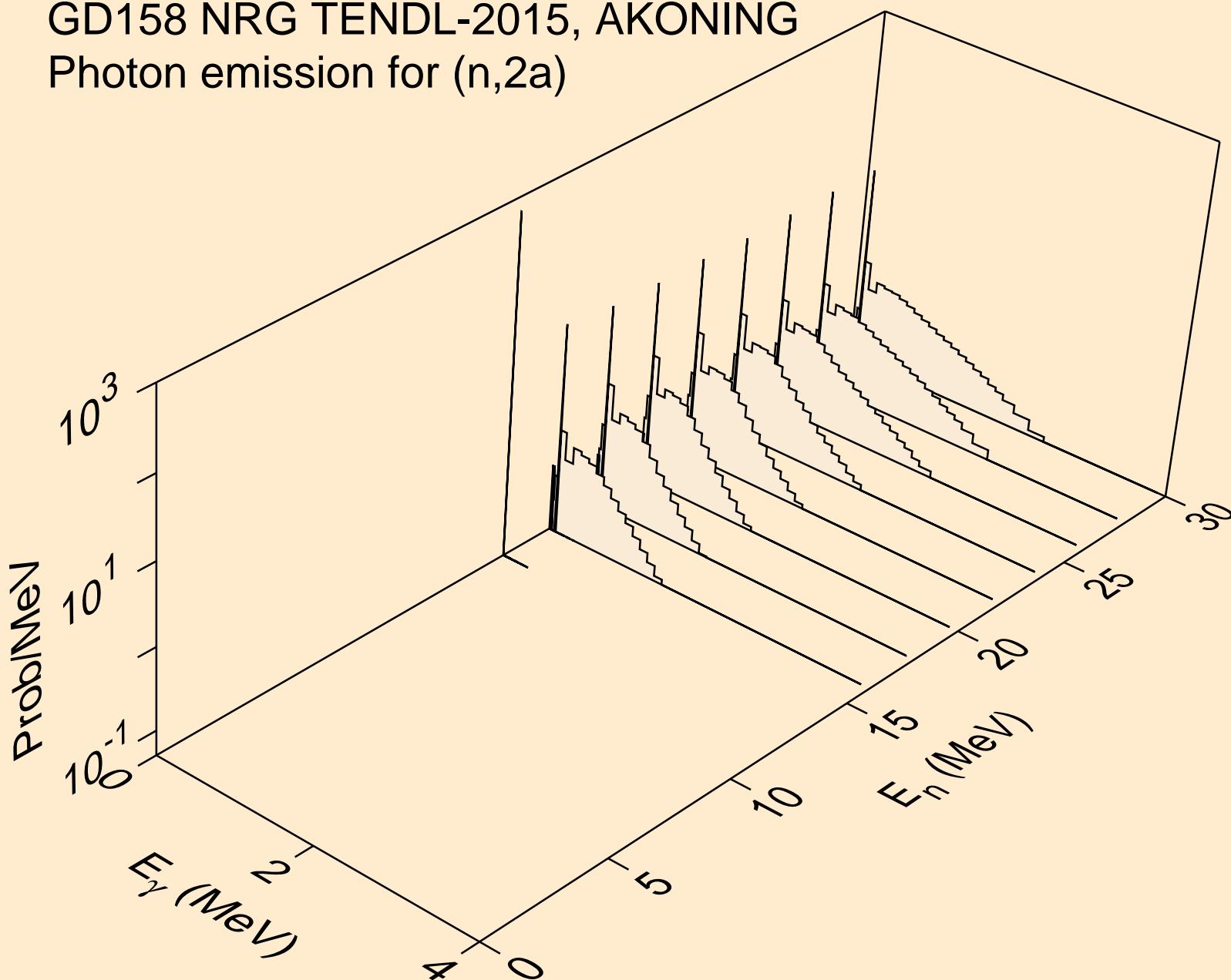
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



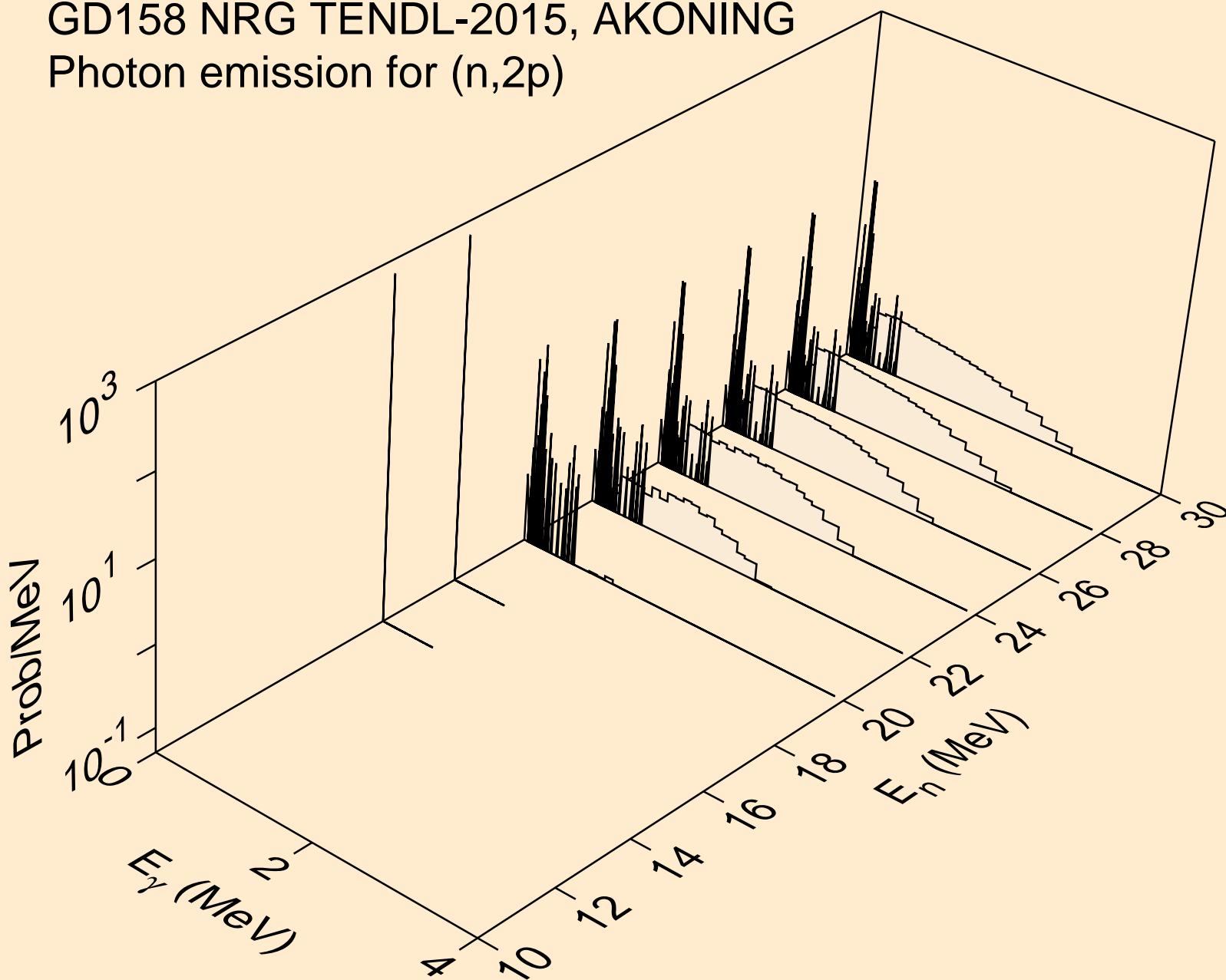
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



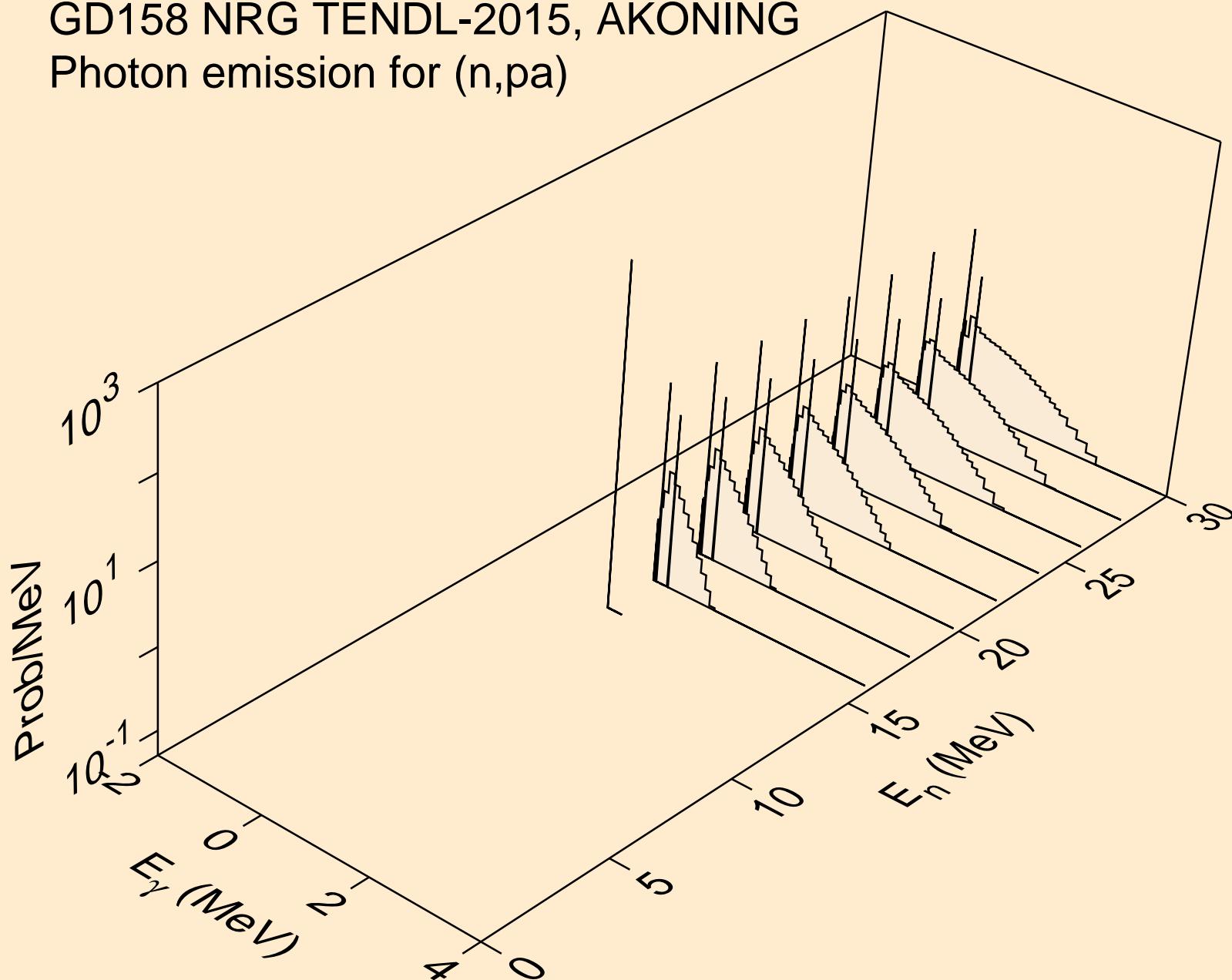
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



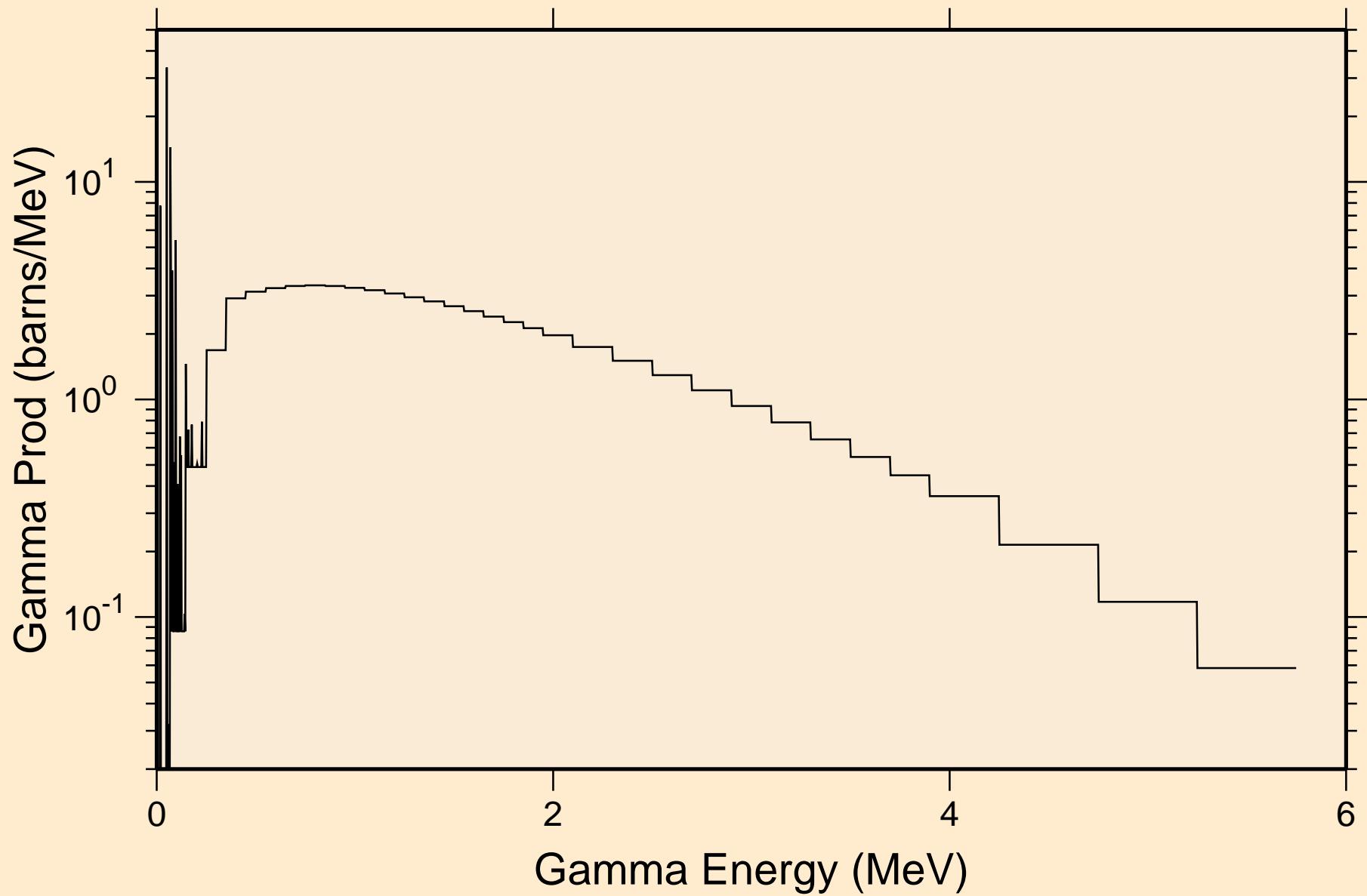
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



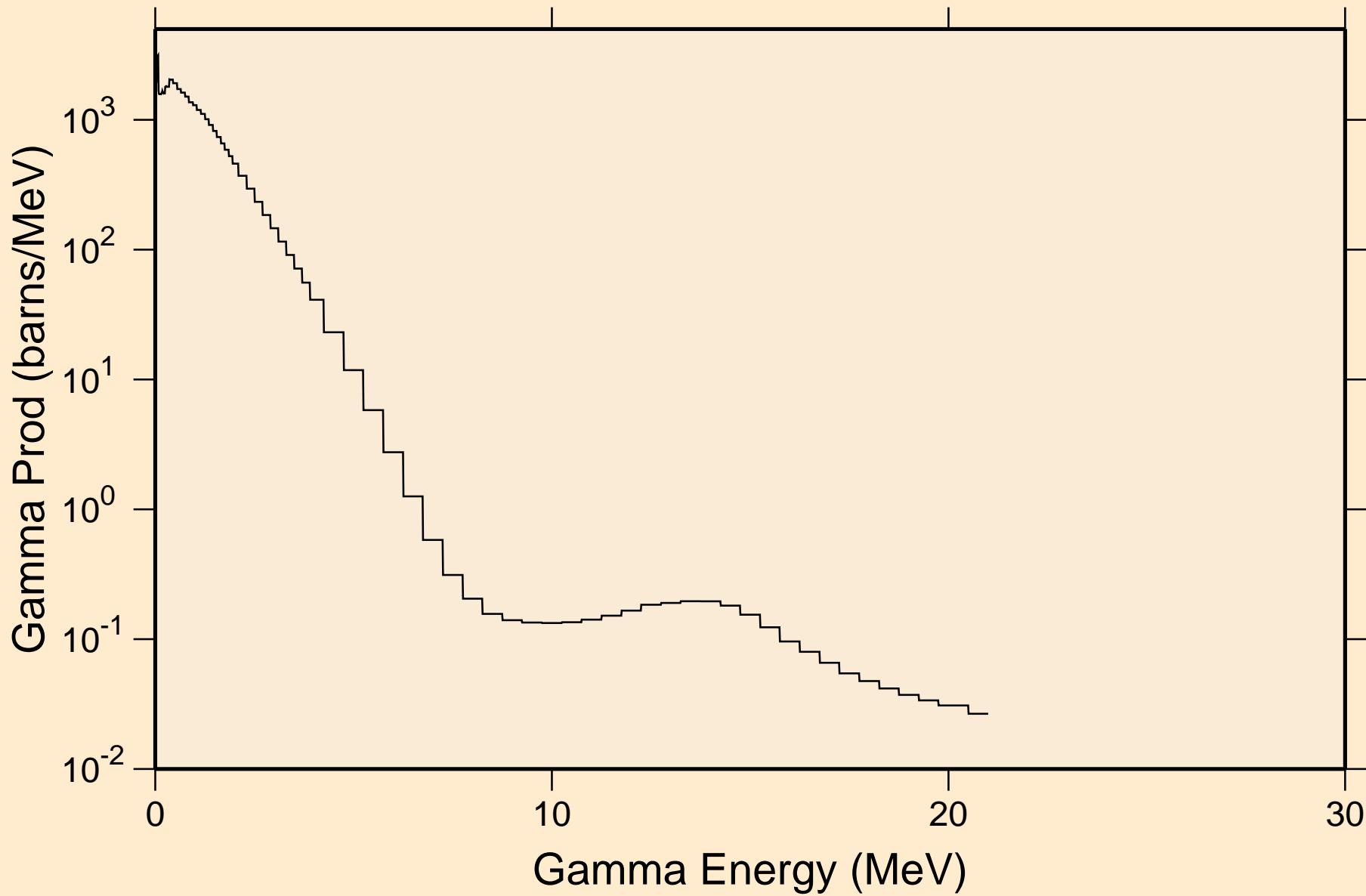
GD158 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



GD158 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

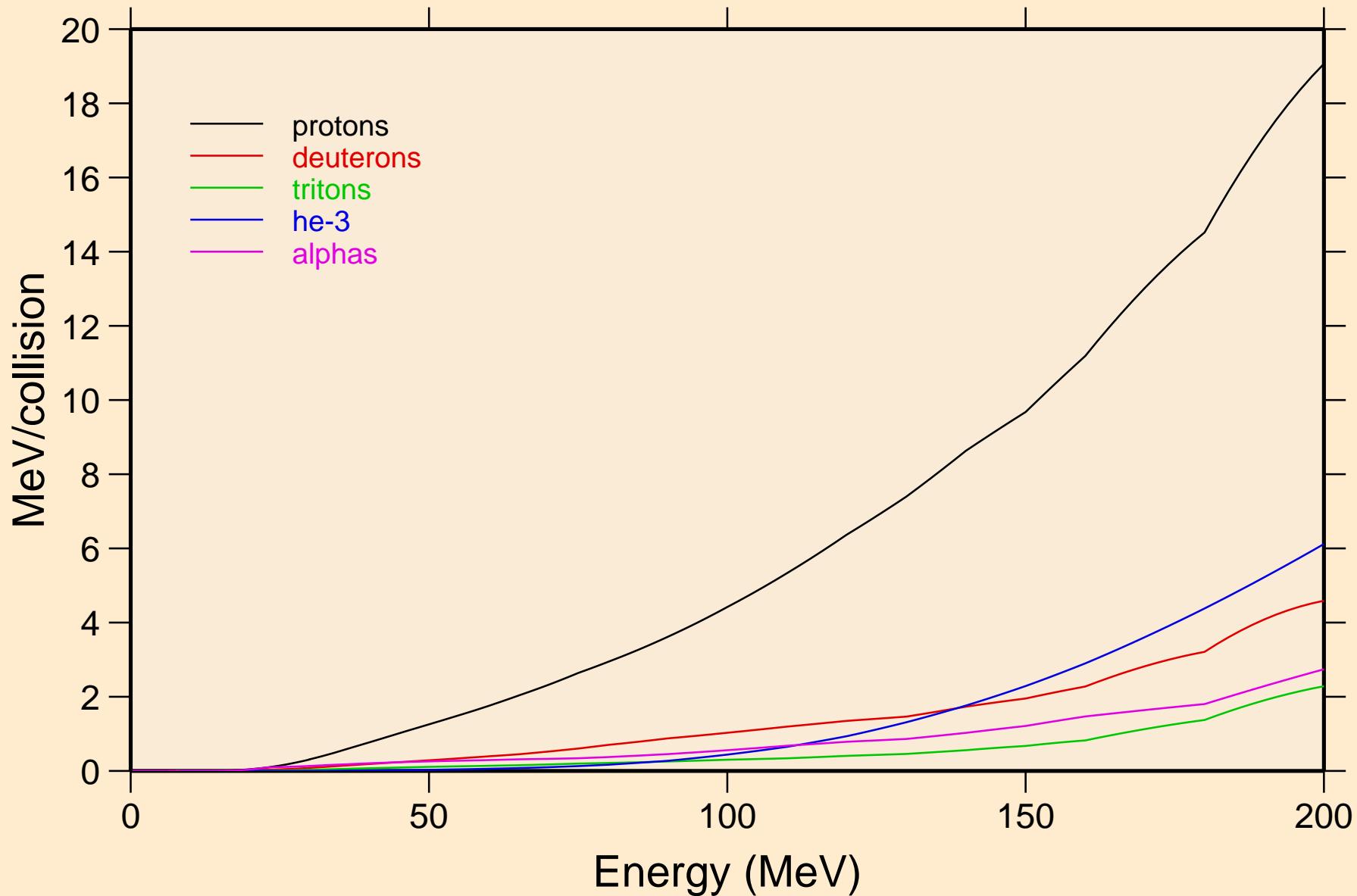


GD158 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



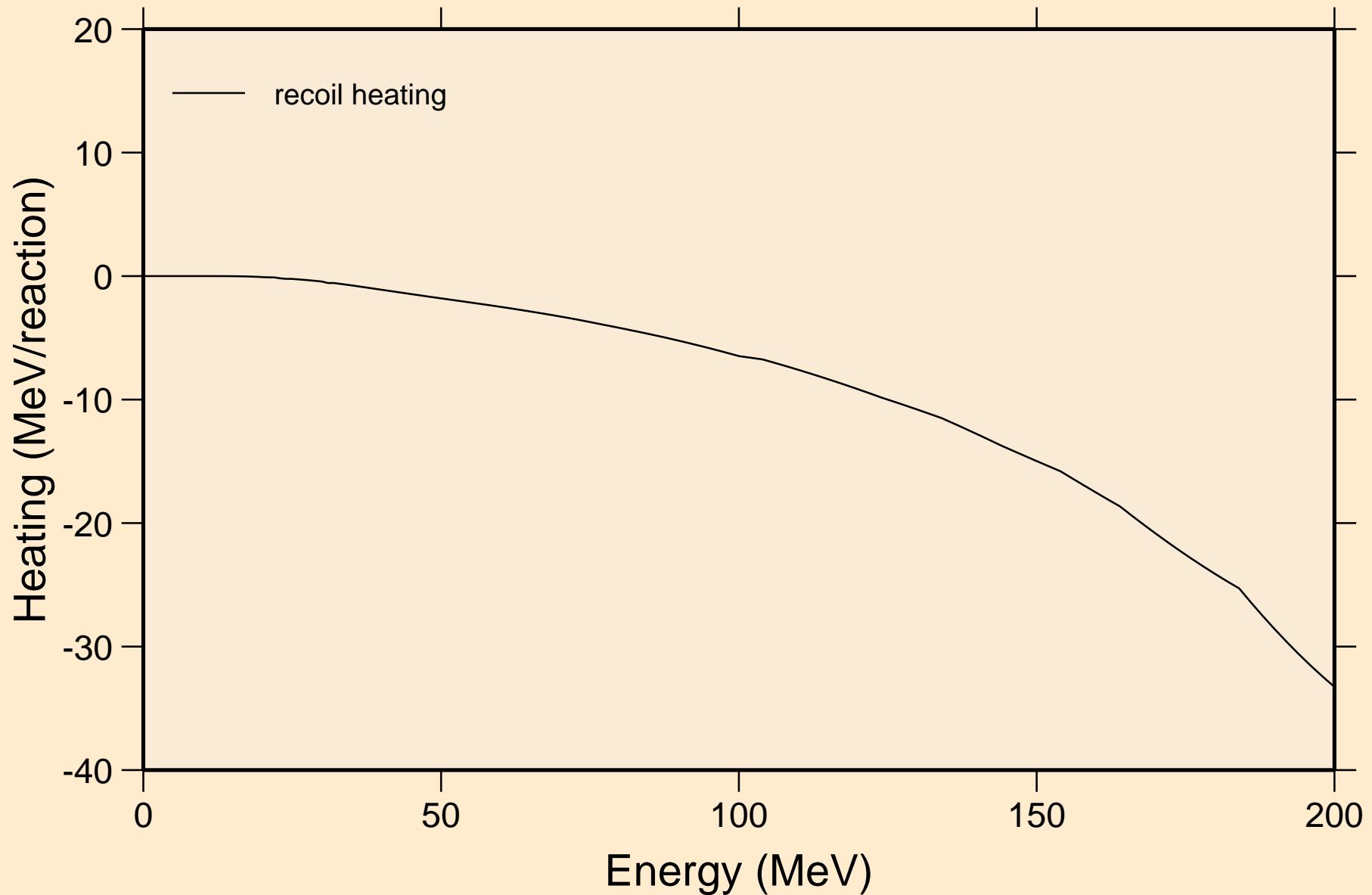
# GD158 NRG TENDL-2015, AKONING

## Particle heating contributions

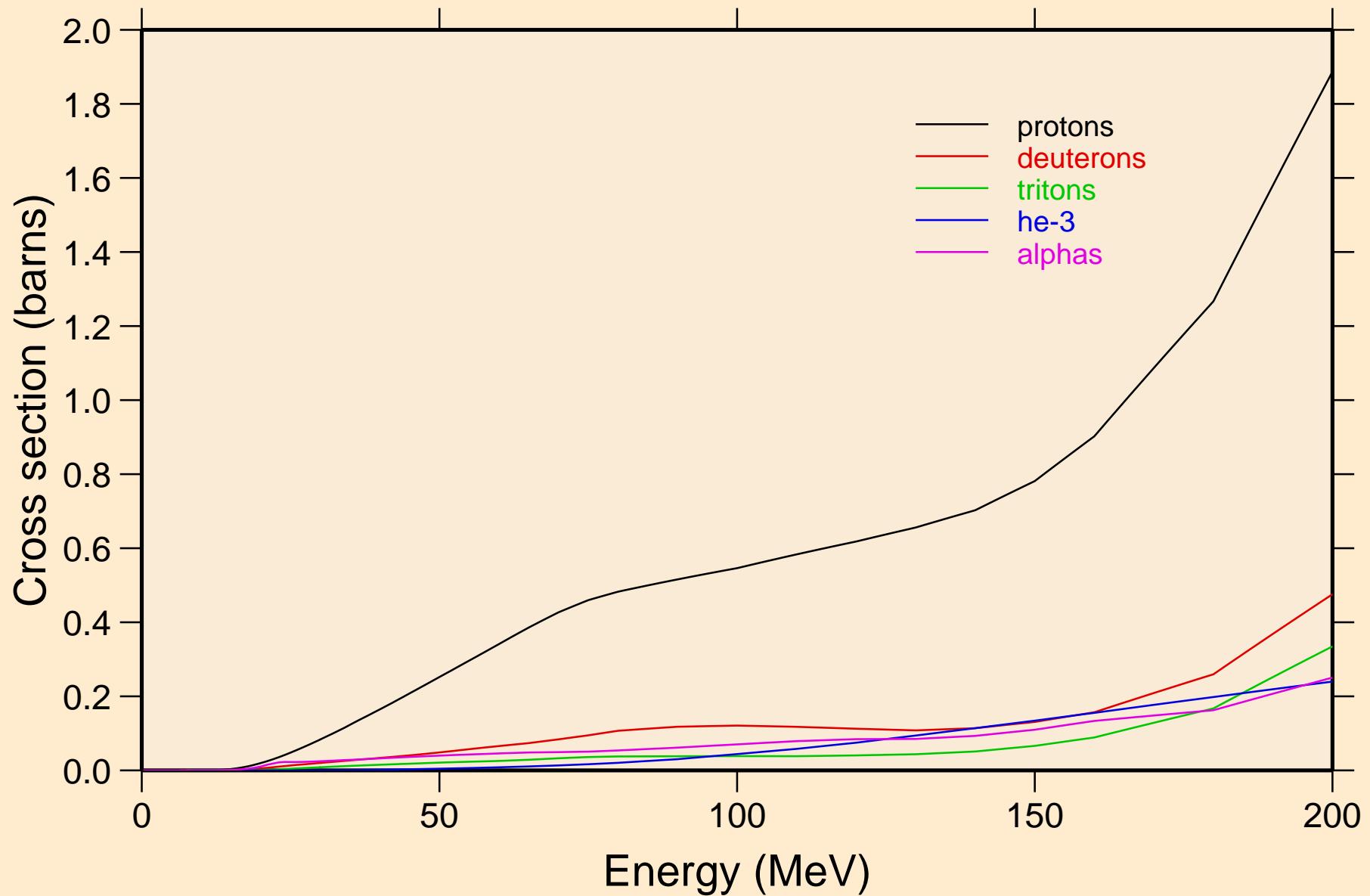


# GD158 NRG TENDL-2015, AKONING

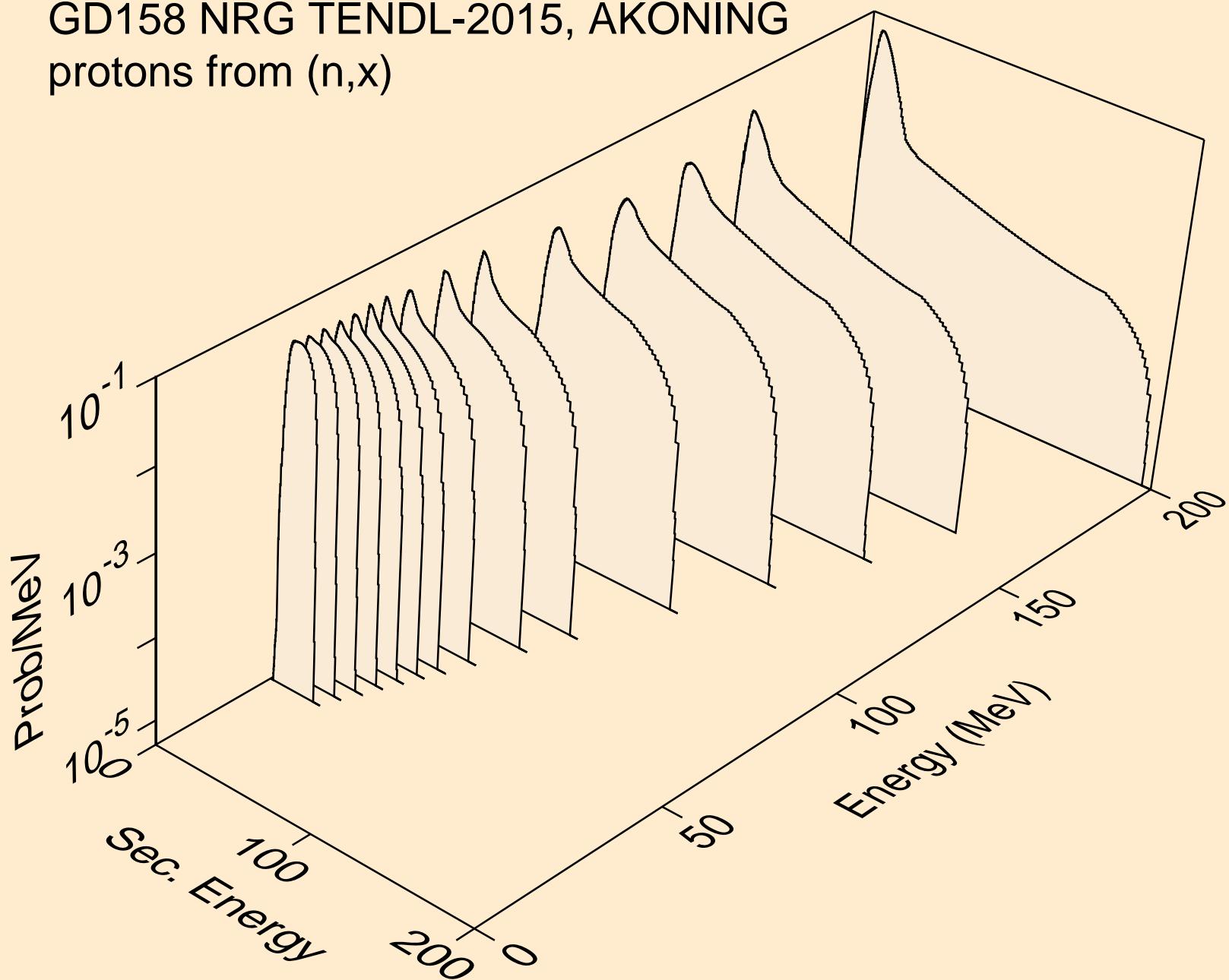
## Recoil Heating



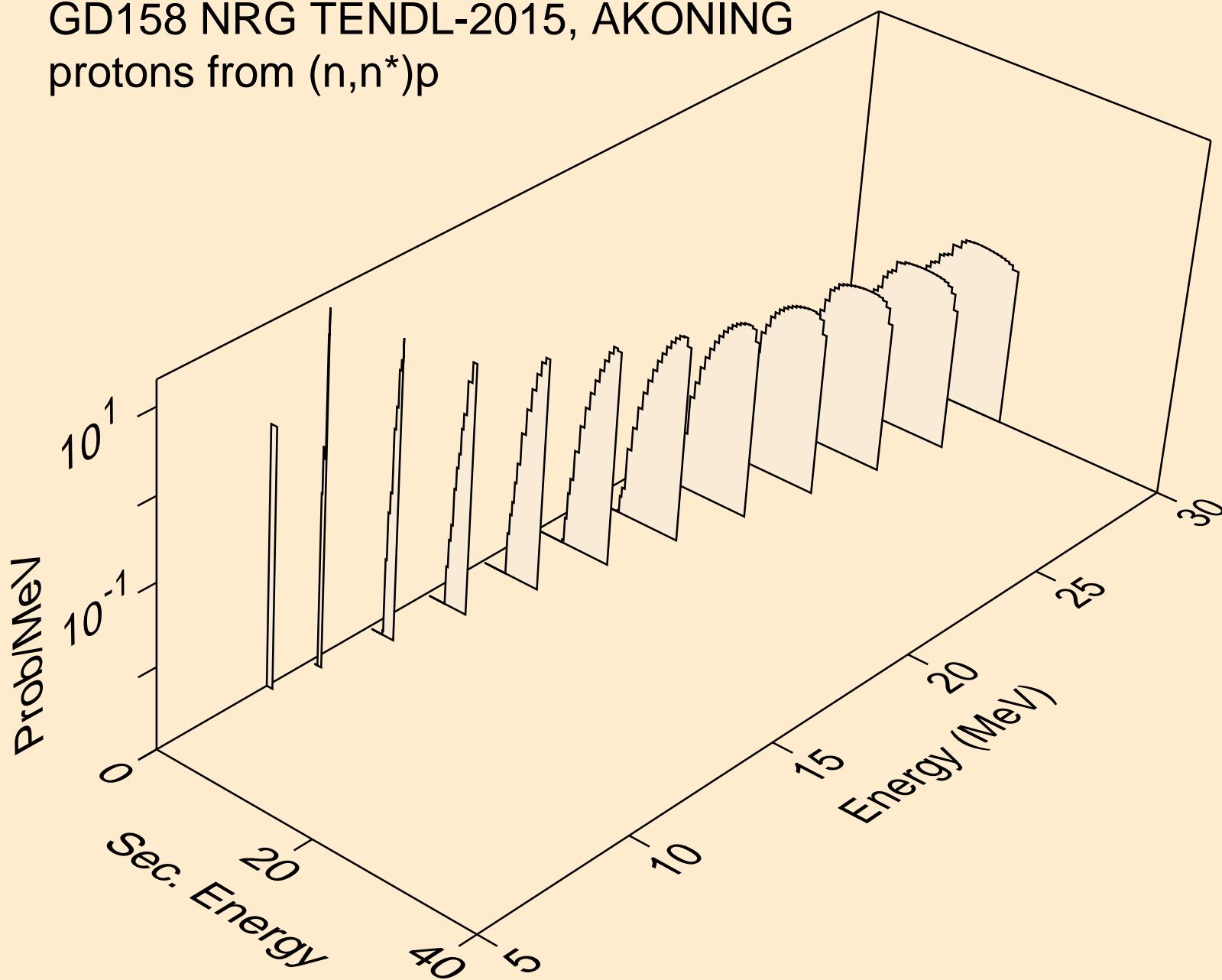
GD158 NRG TENDL-2015, AKONING  
Particle production cross sections



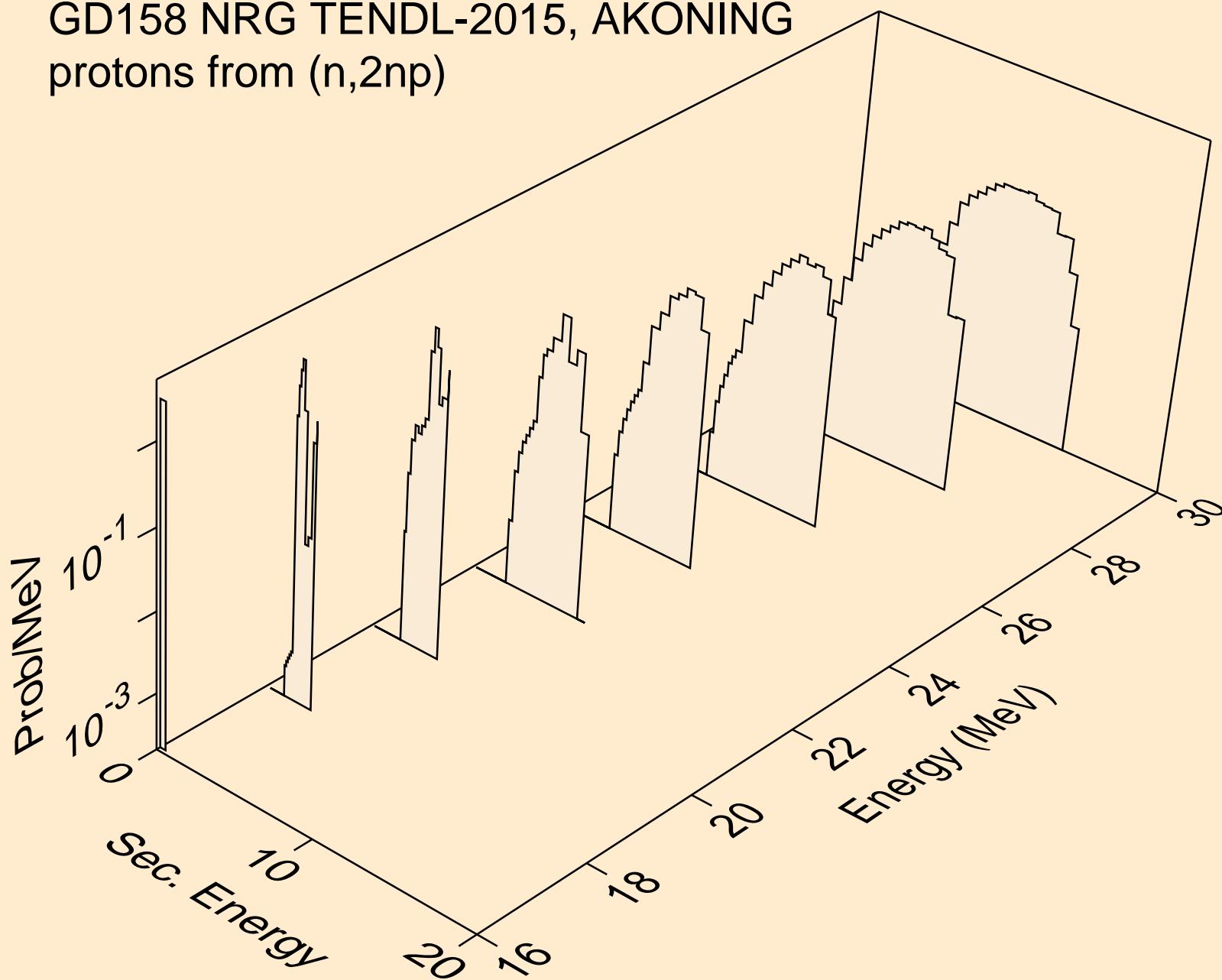
GD158 NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



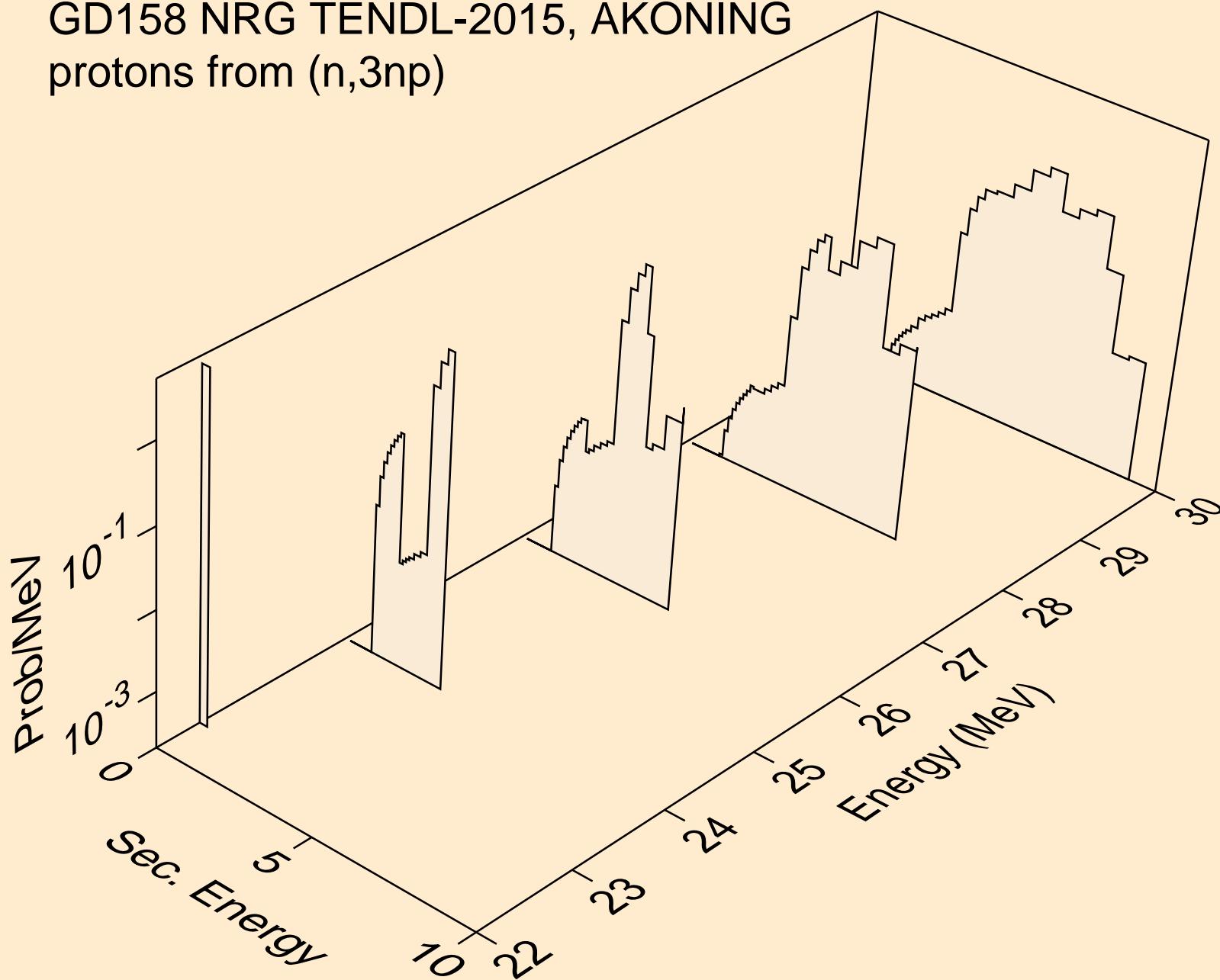
GD158 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



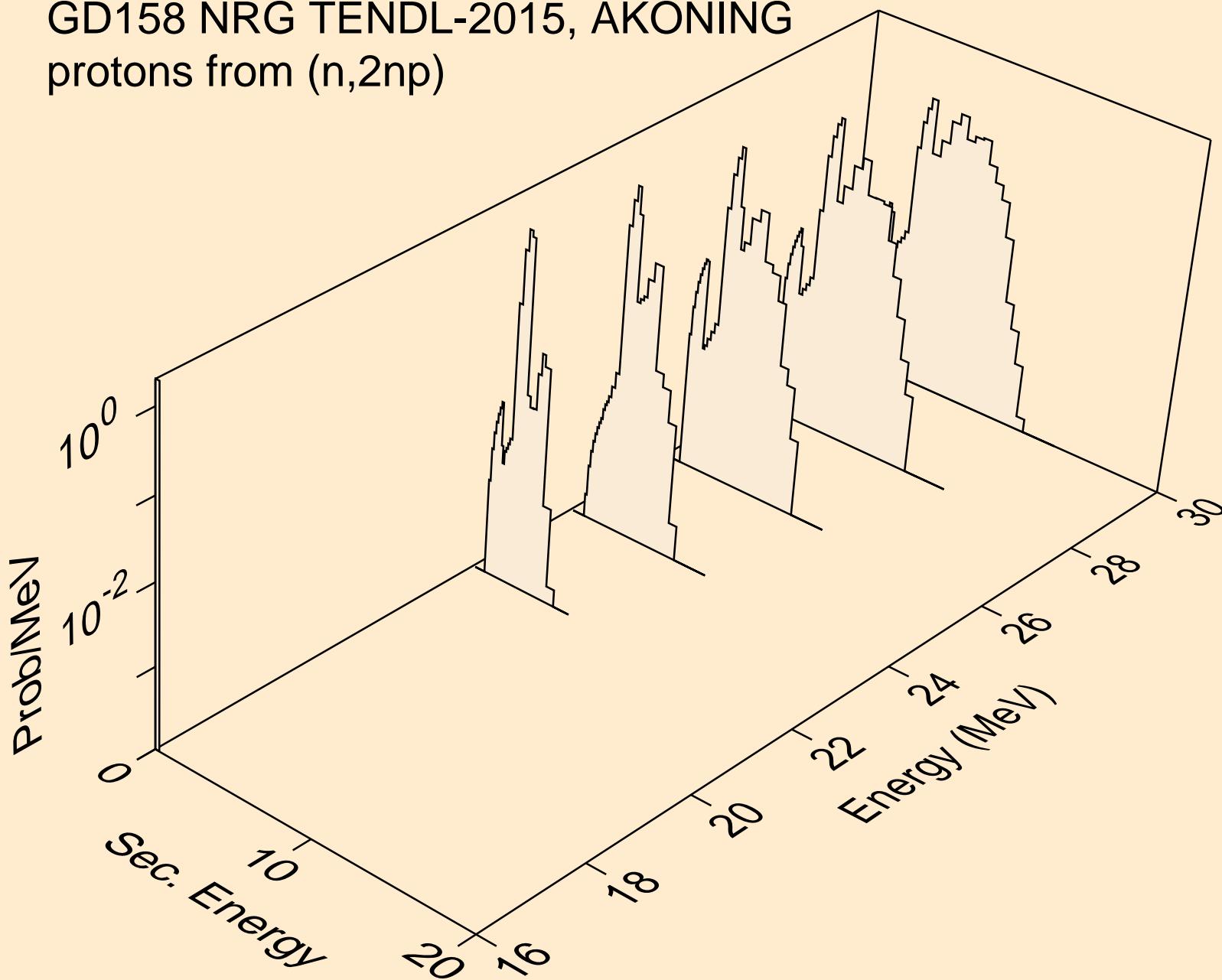
GD158 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



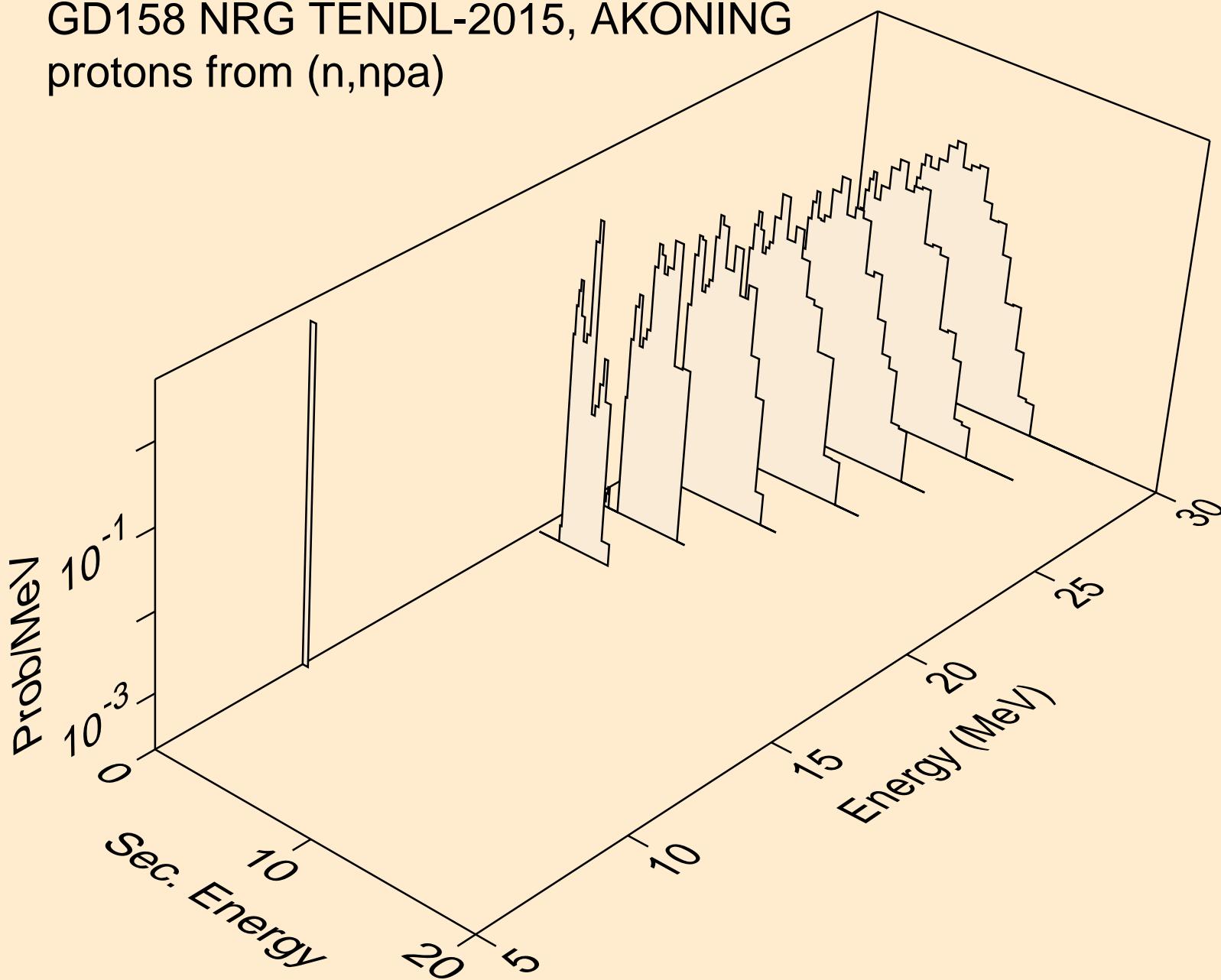
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protons from ( $n,3np$ )



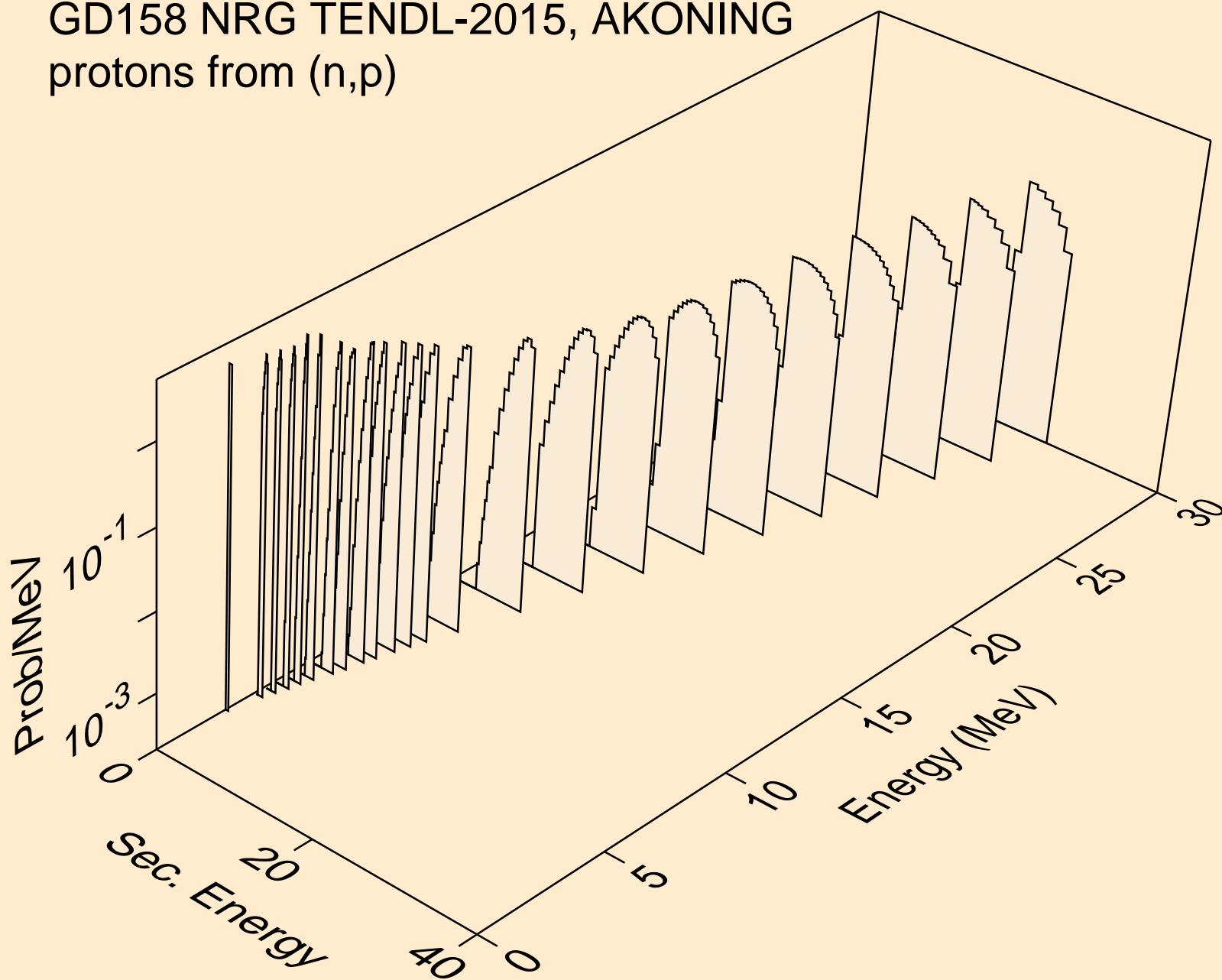
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protons from ( $n,2np$ )



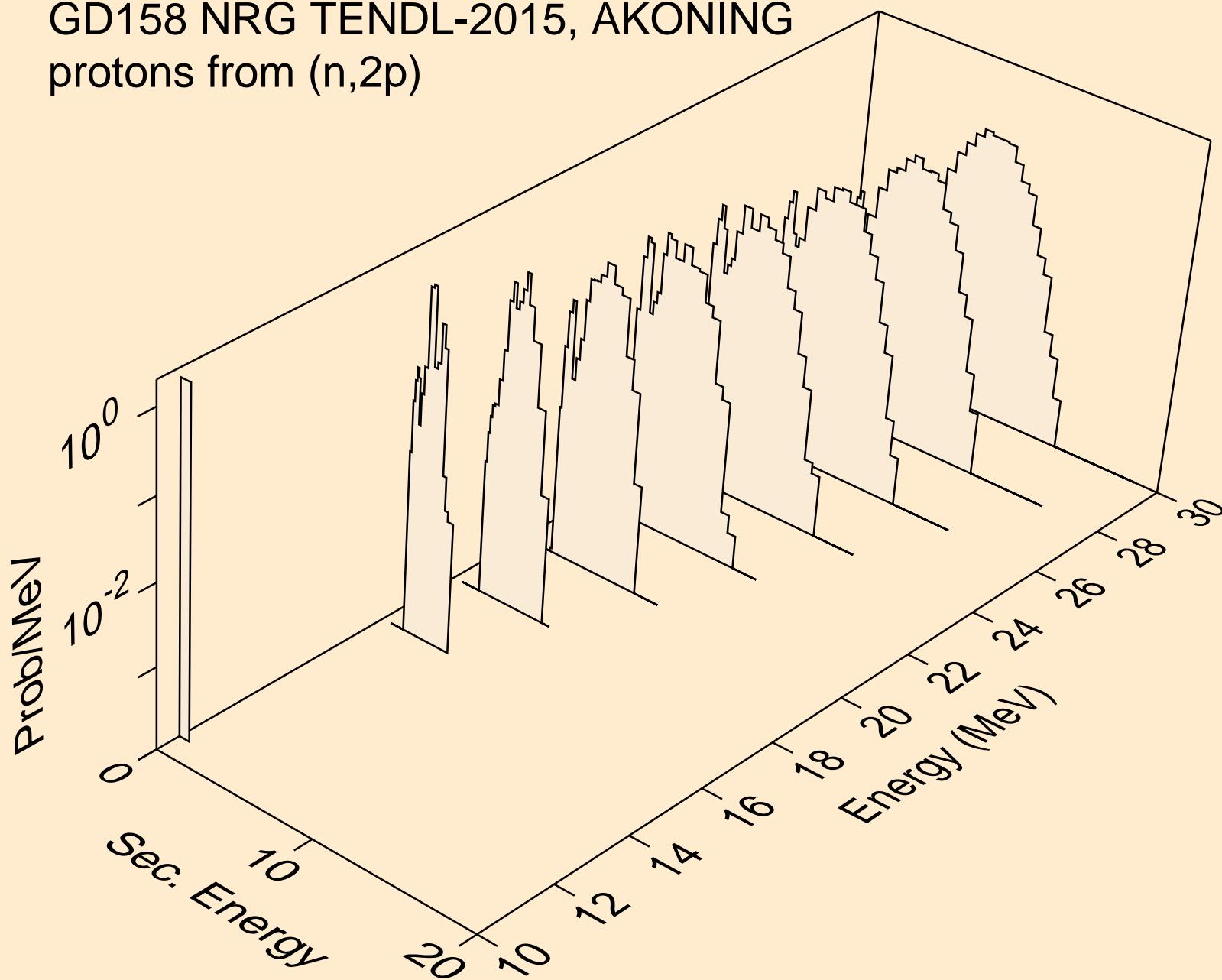
GD158 NRG TENDL-2015, AKONING  
protons from (n,npa)



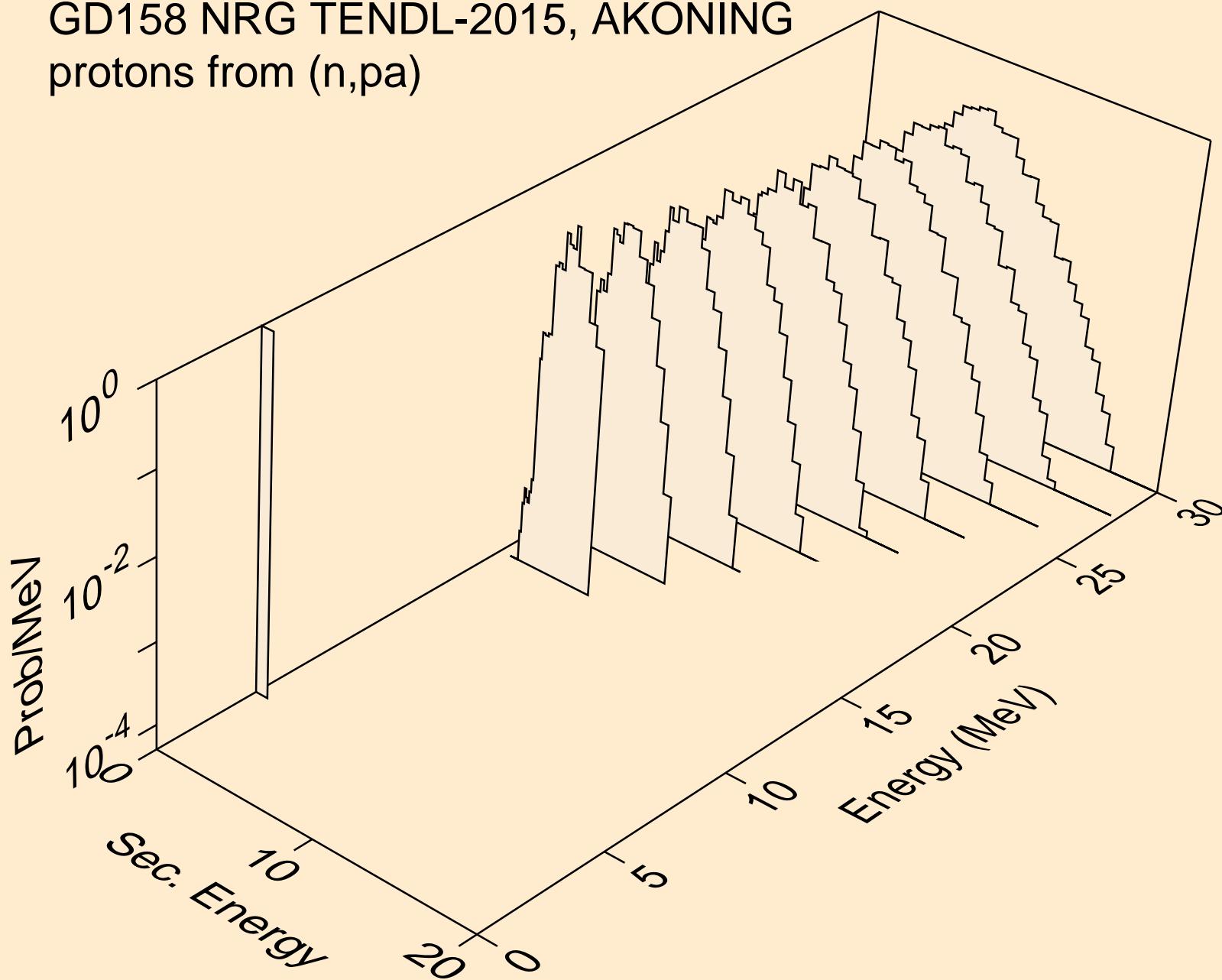
GD158 NRG TENDL-2015, AKONING  
protons from (n,p)



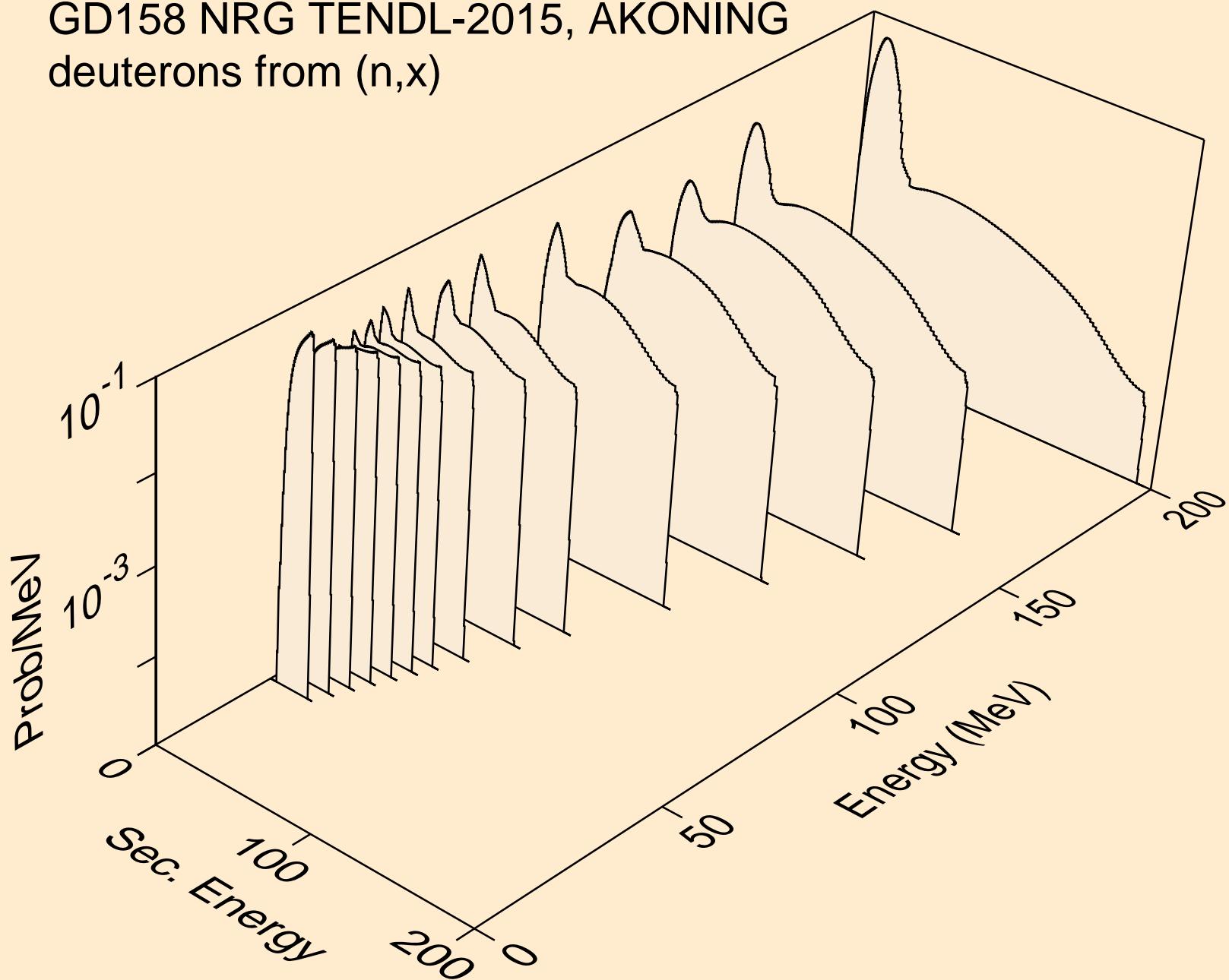
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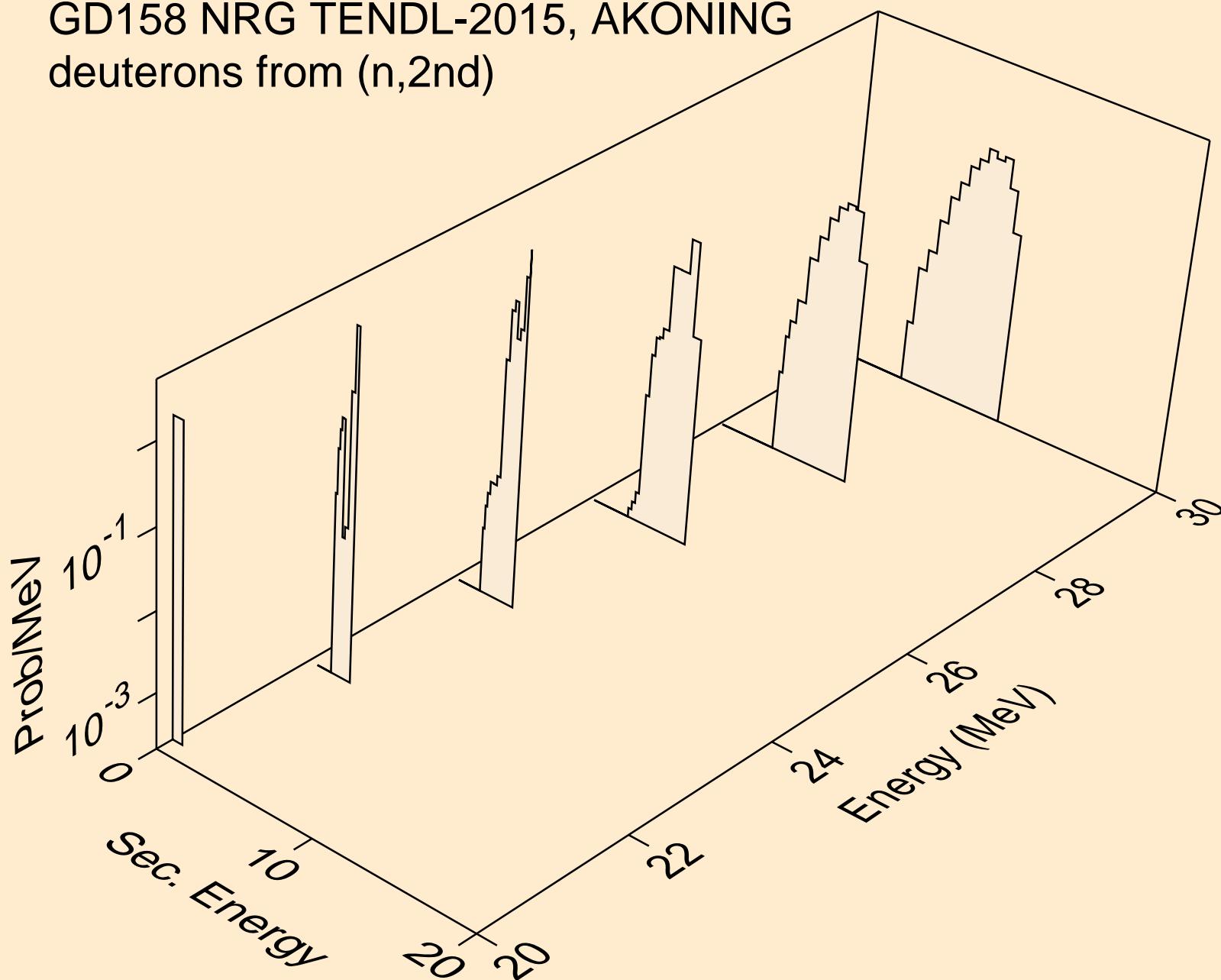
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protons from (n,pa)



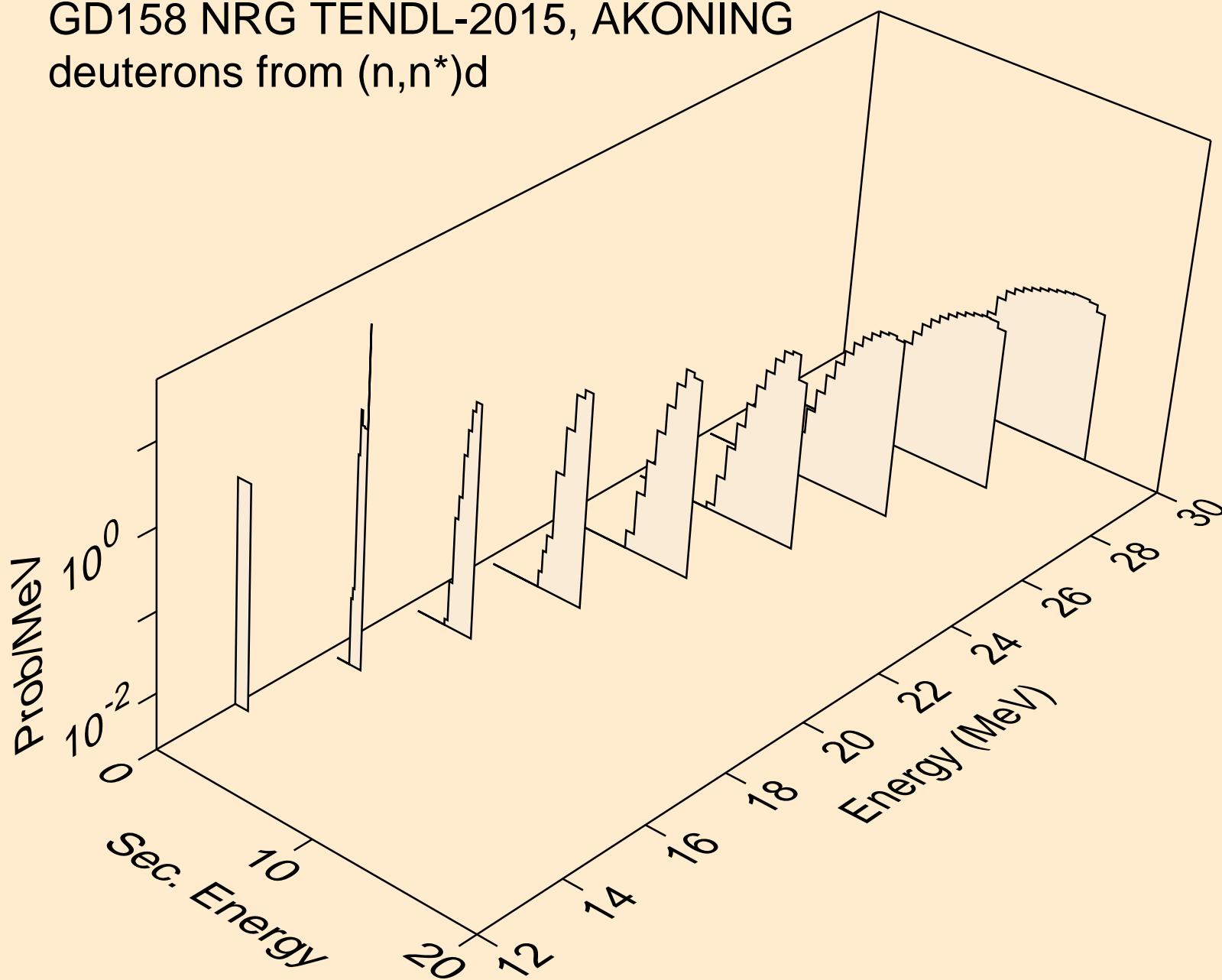
GD158 NRG TENDL-2015, AKONING  
deuterons from ( $n, x$ )



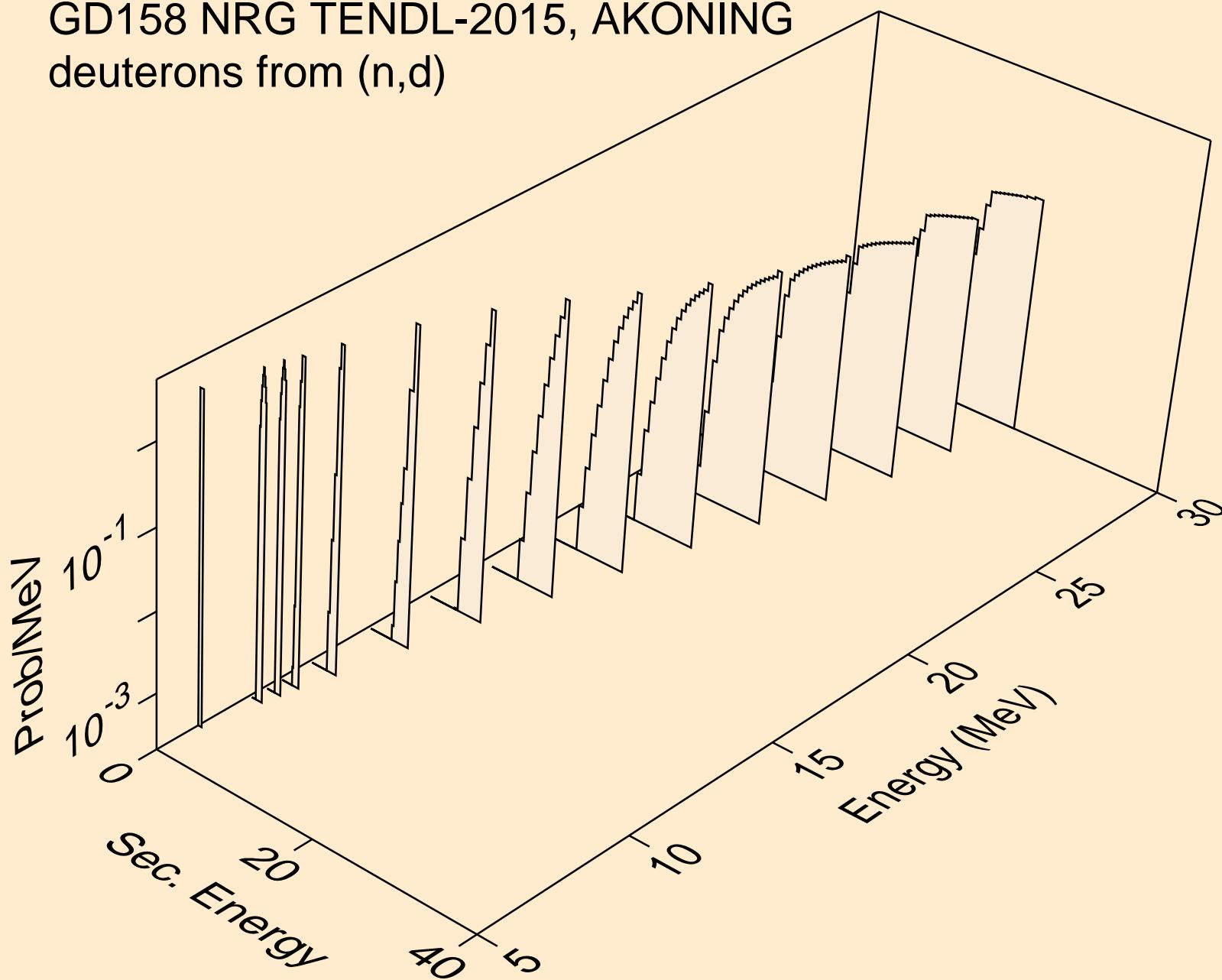
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deuterons from ( $n,2nd$ )



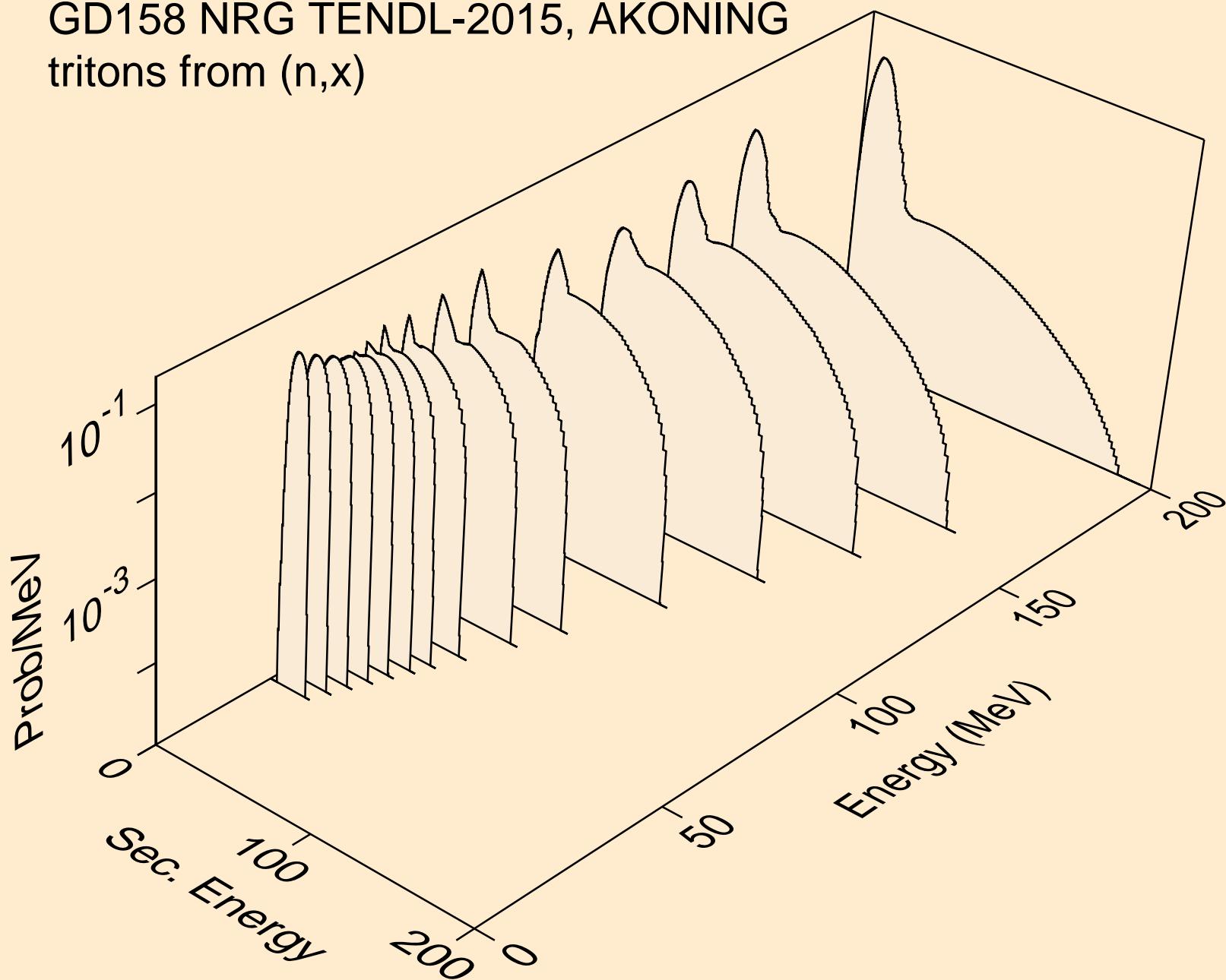
GD158 NRG TENDL-2015, AKONING  
deuterons from  $(n,n^*)d$



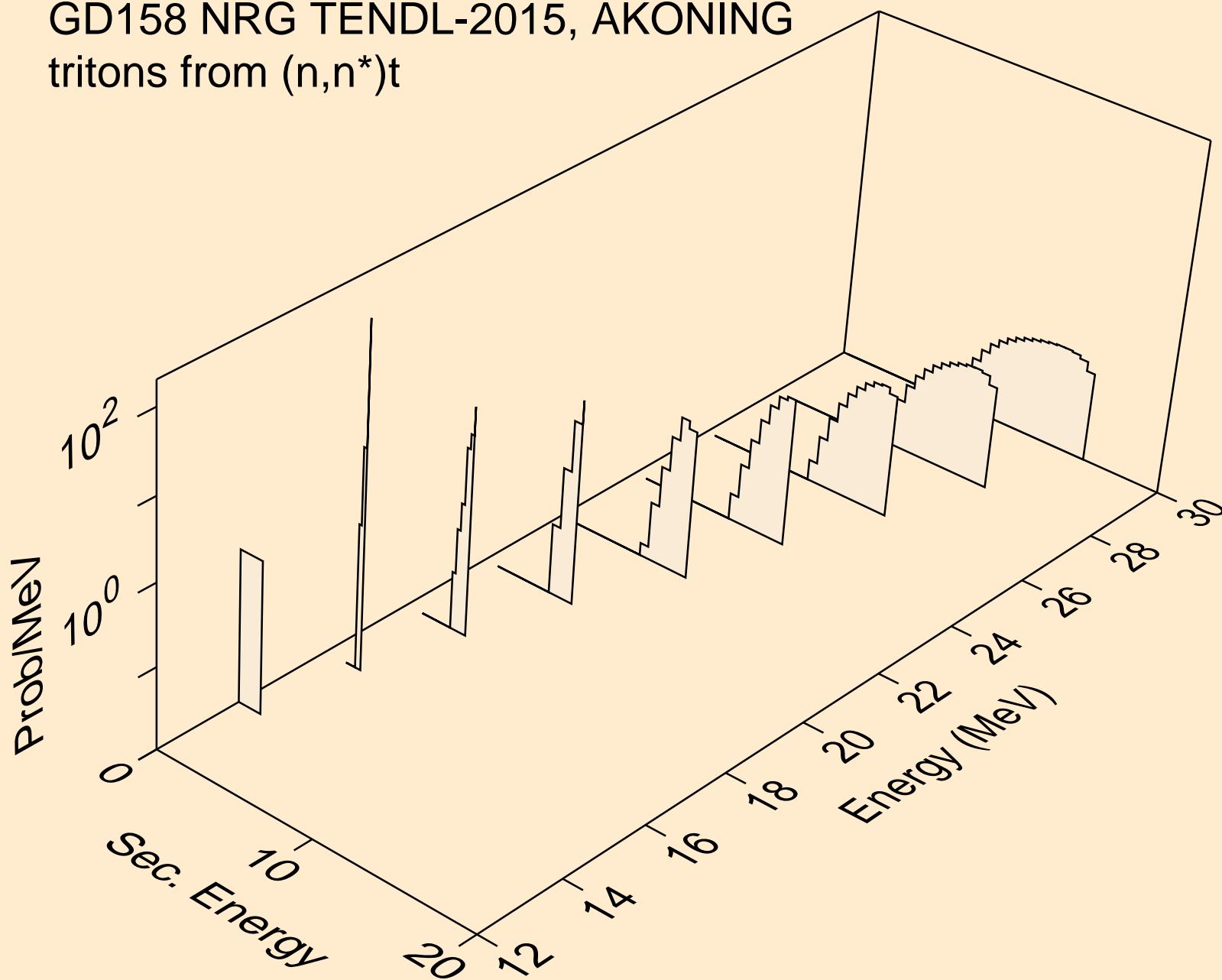
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deuterons from ( $n, d$ )



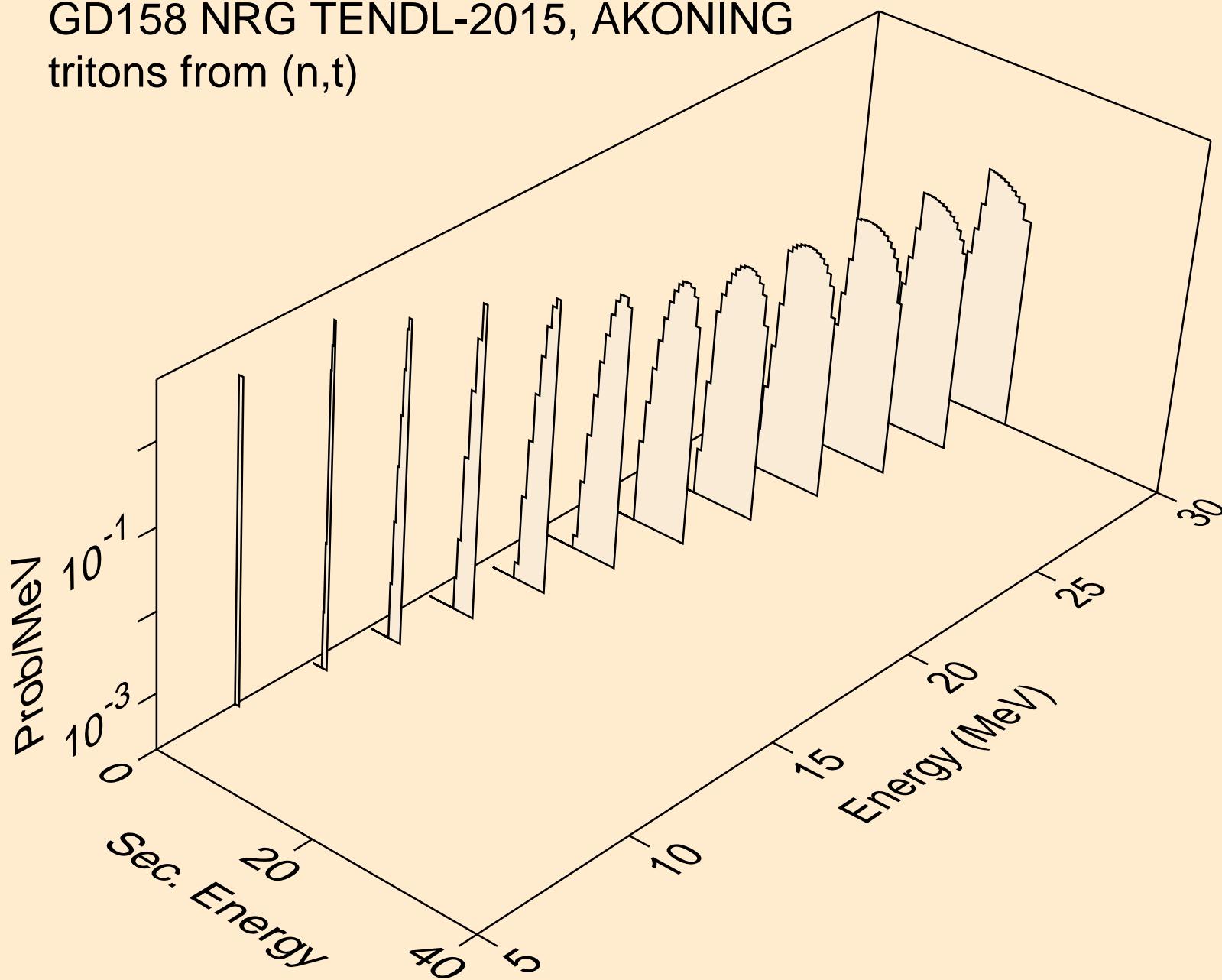
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tritons from ( $n,x$ )



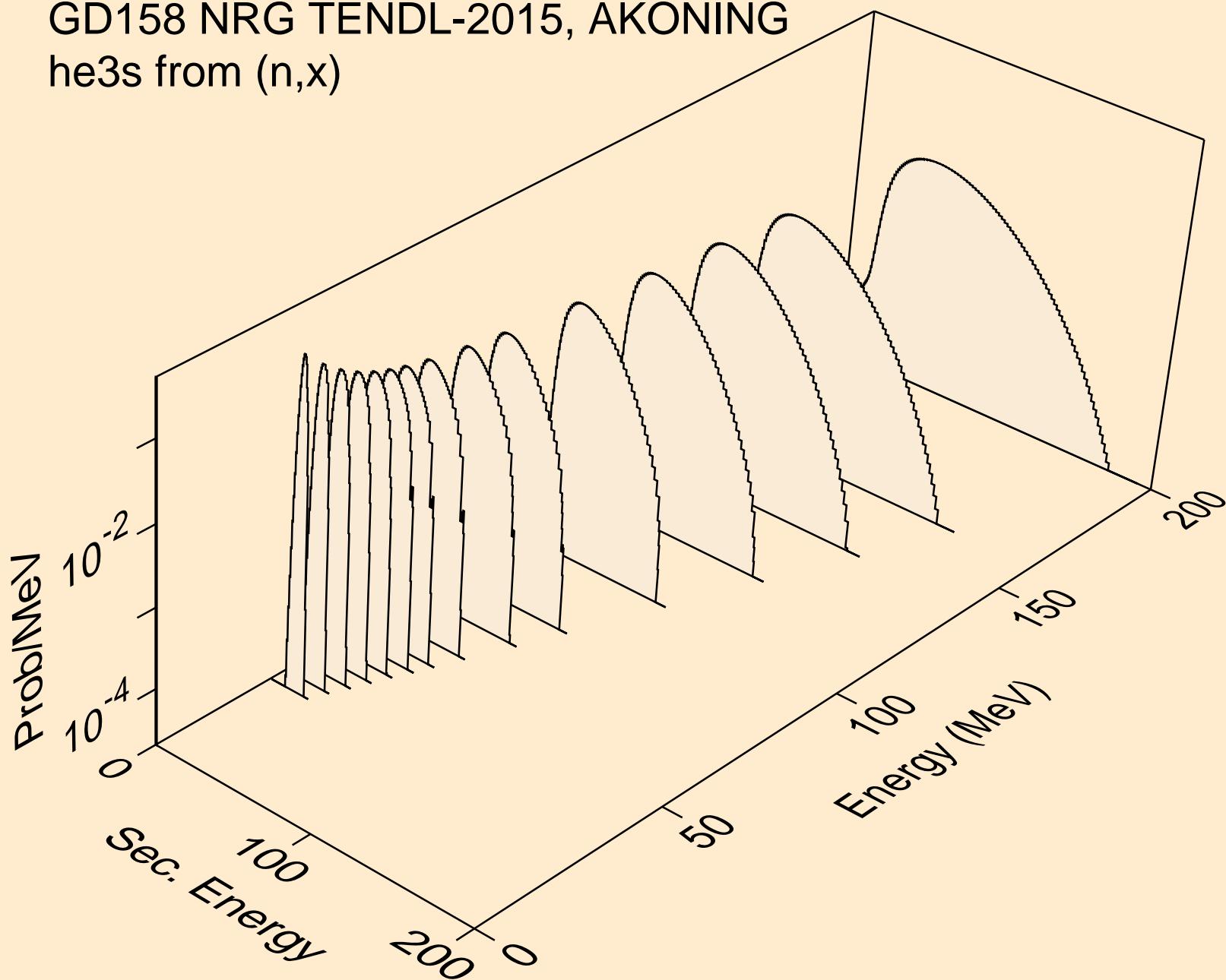
GD158 NRG TENDL-2015, AKONING  
tritons from  $(n,n^*)t$



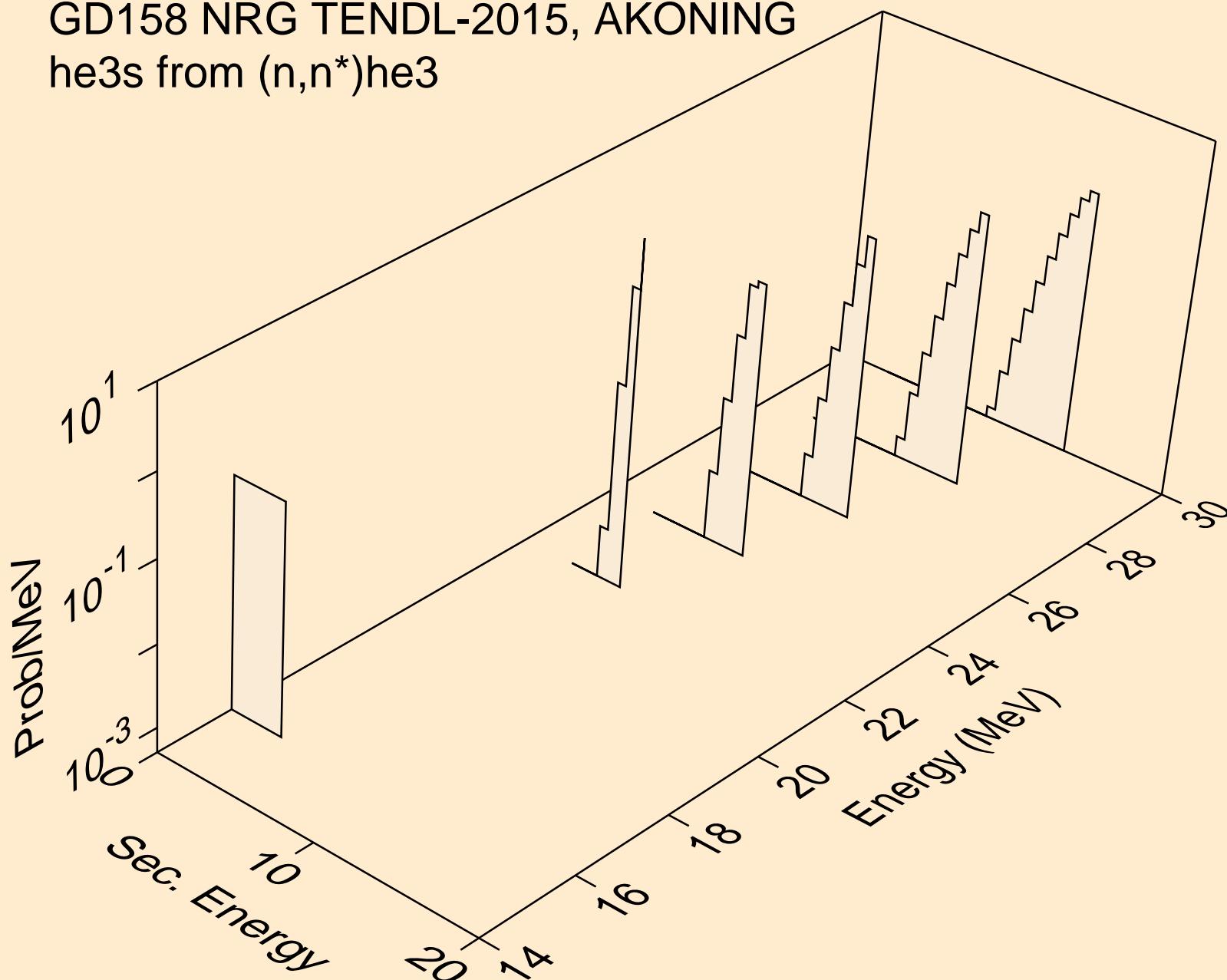
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tritons from (n,t)



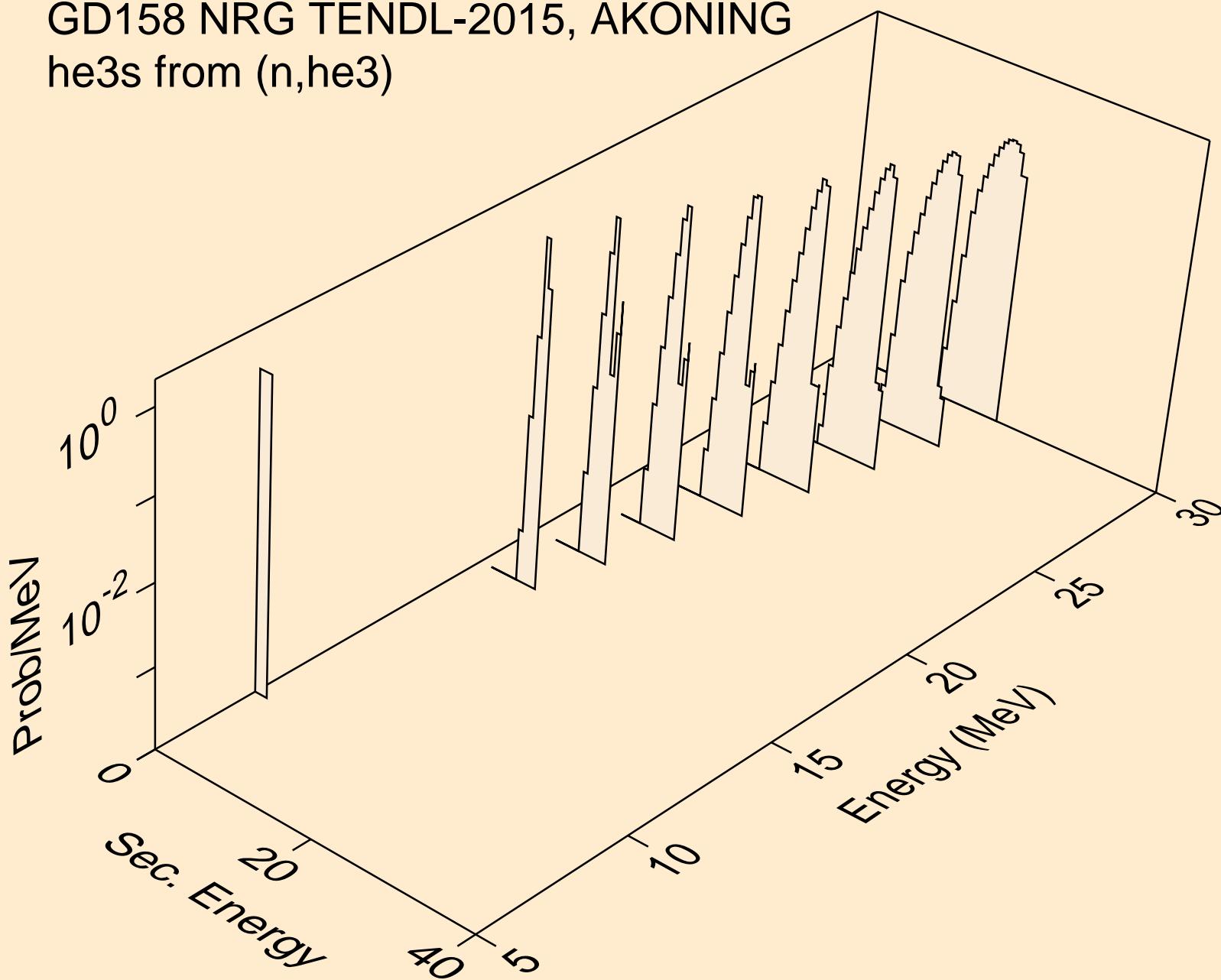
GD158 NRG TENDL-2015, AKONING  
he3s from (n,x)



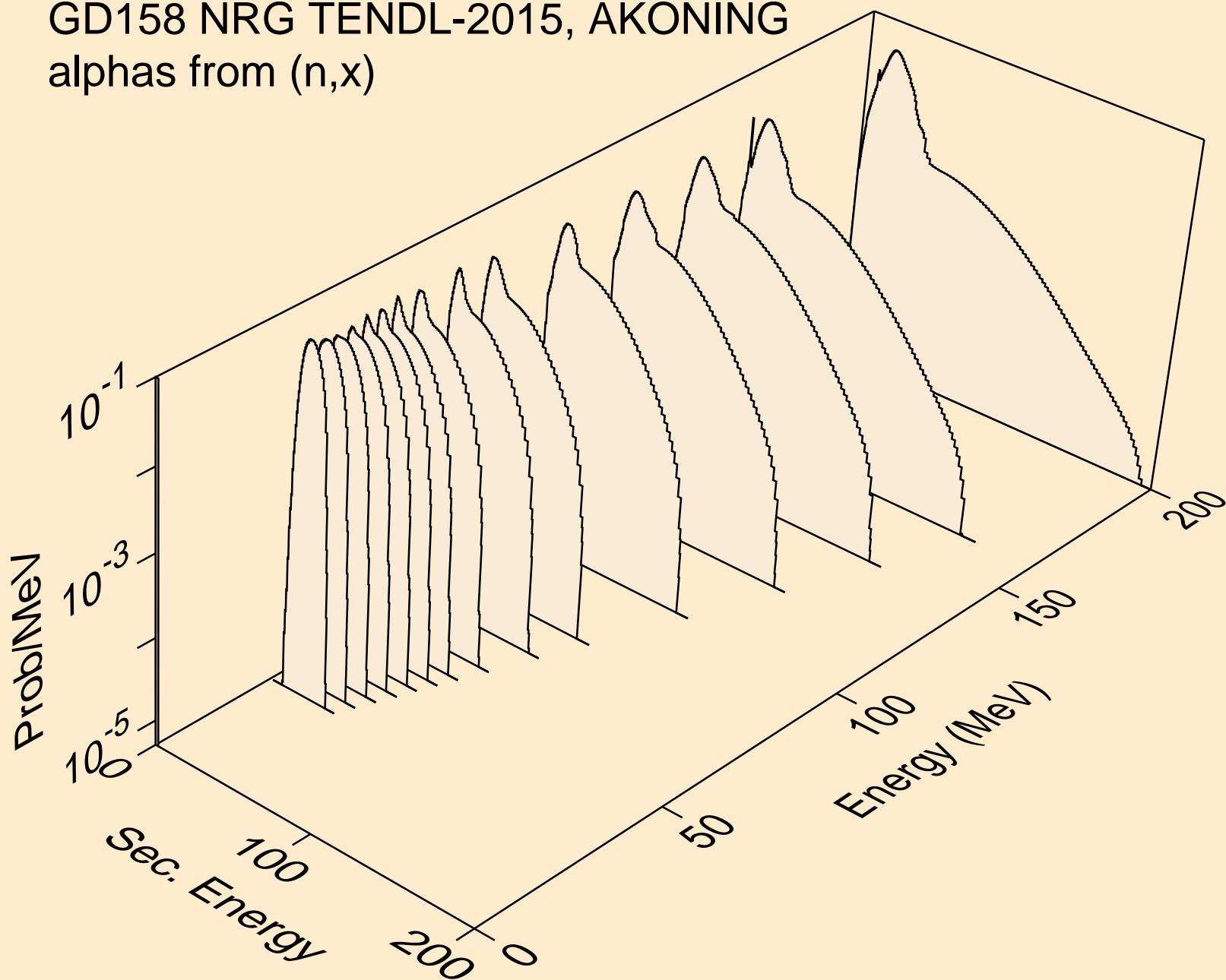
GD158 NRG TENDL-2015, AKONING  
he3s from  $(n,n^*)\text{he3}$



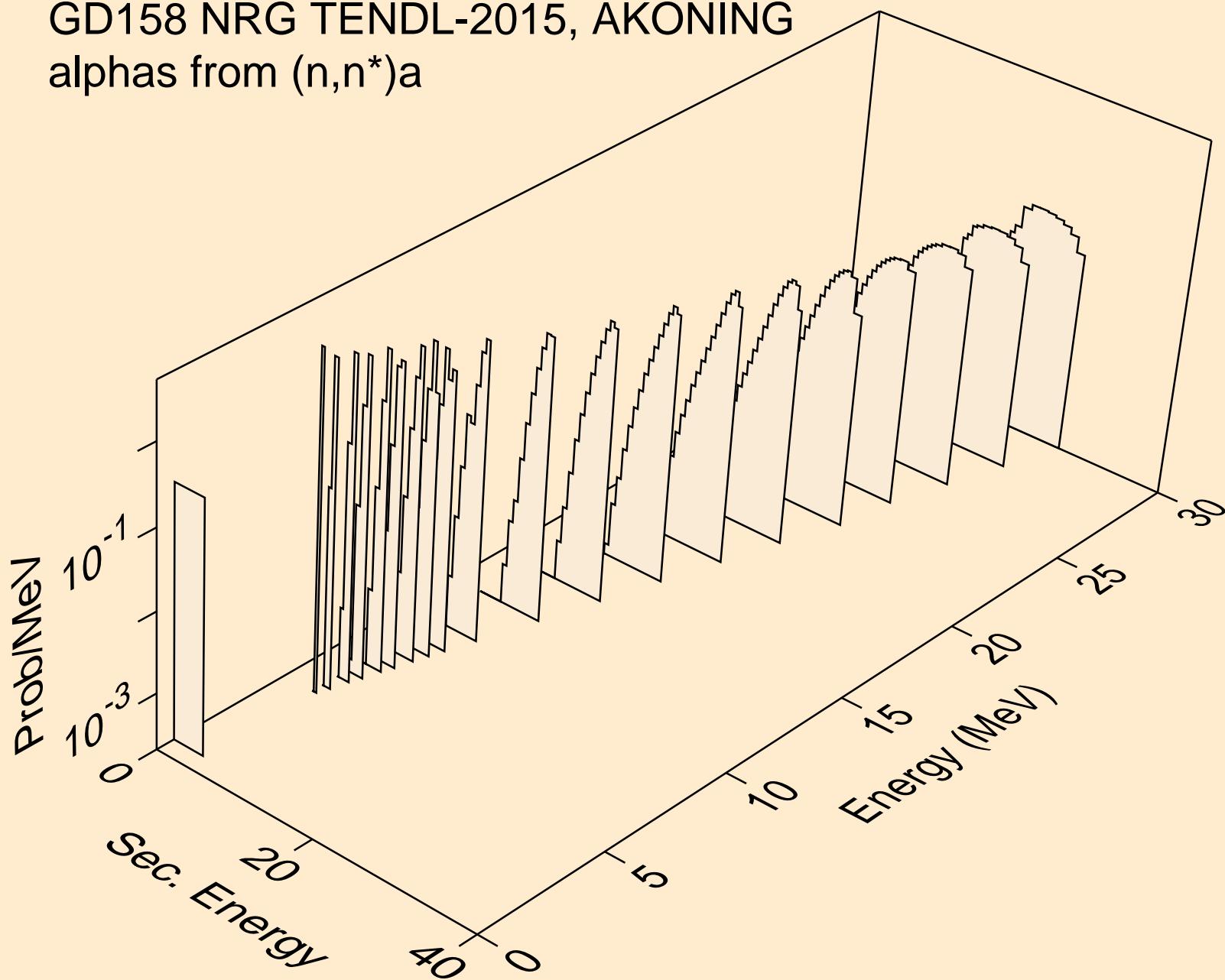
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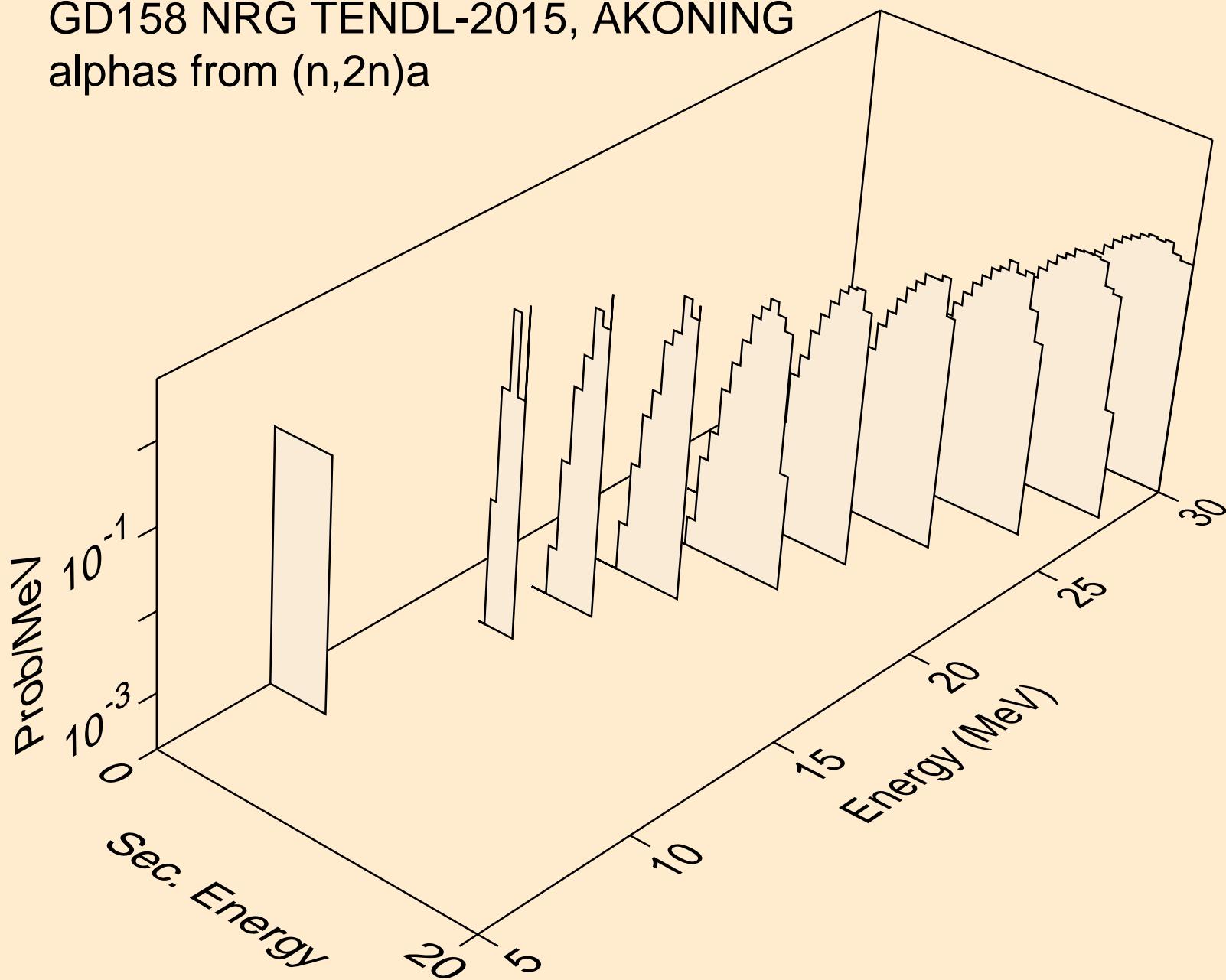
GD158 NRG TENDL-2015, AKONING  
alphas from (n,x)



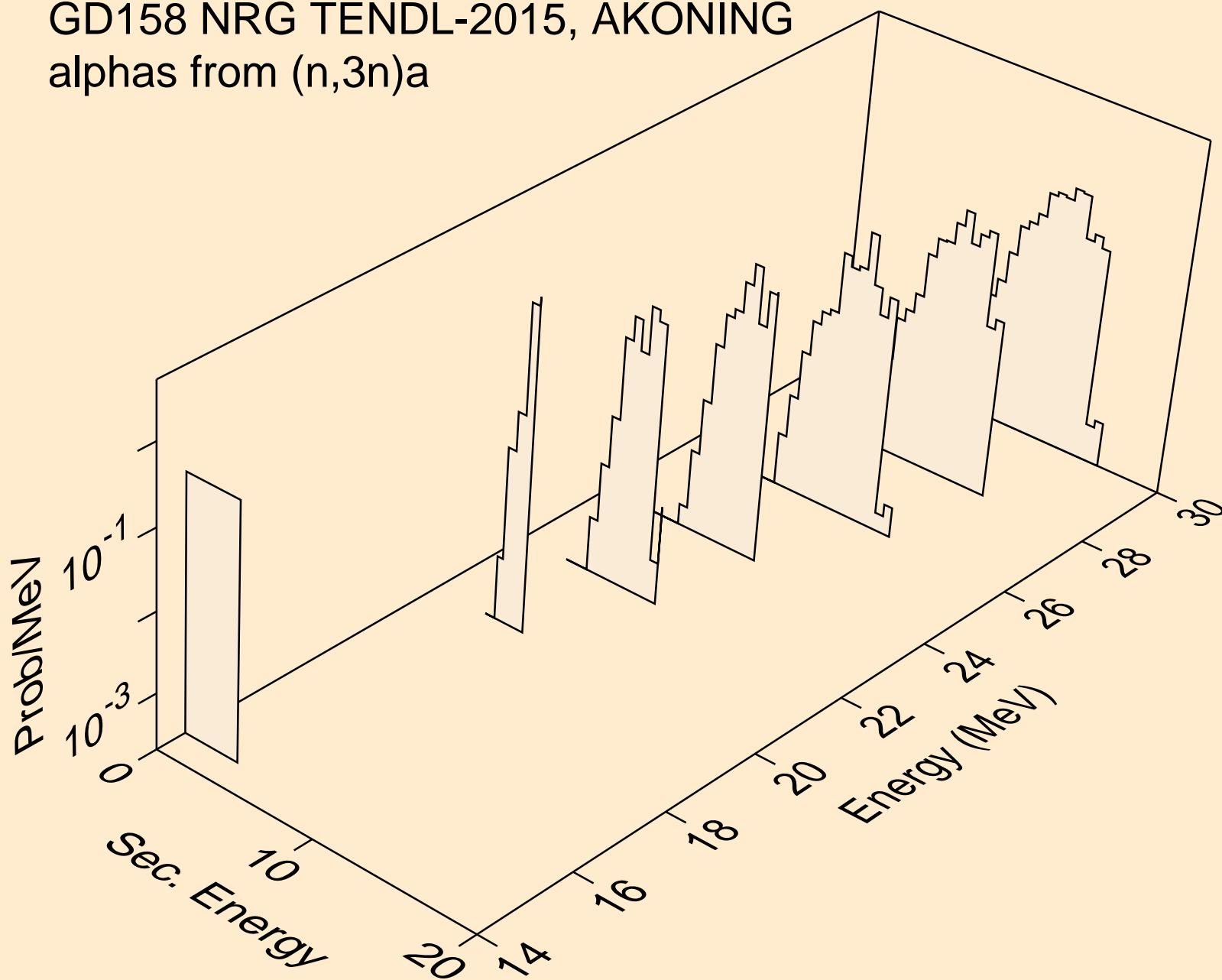
GD158 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)a$



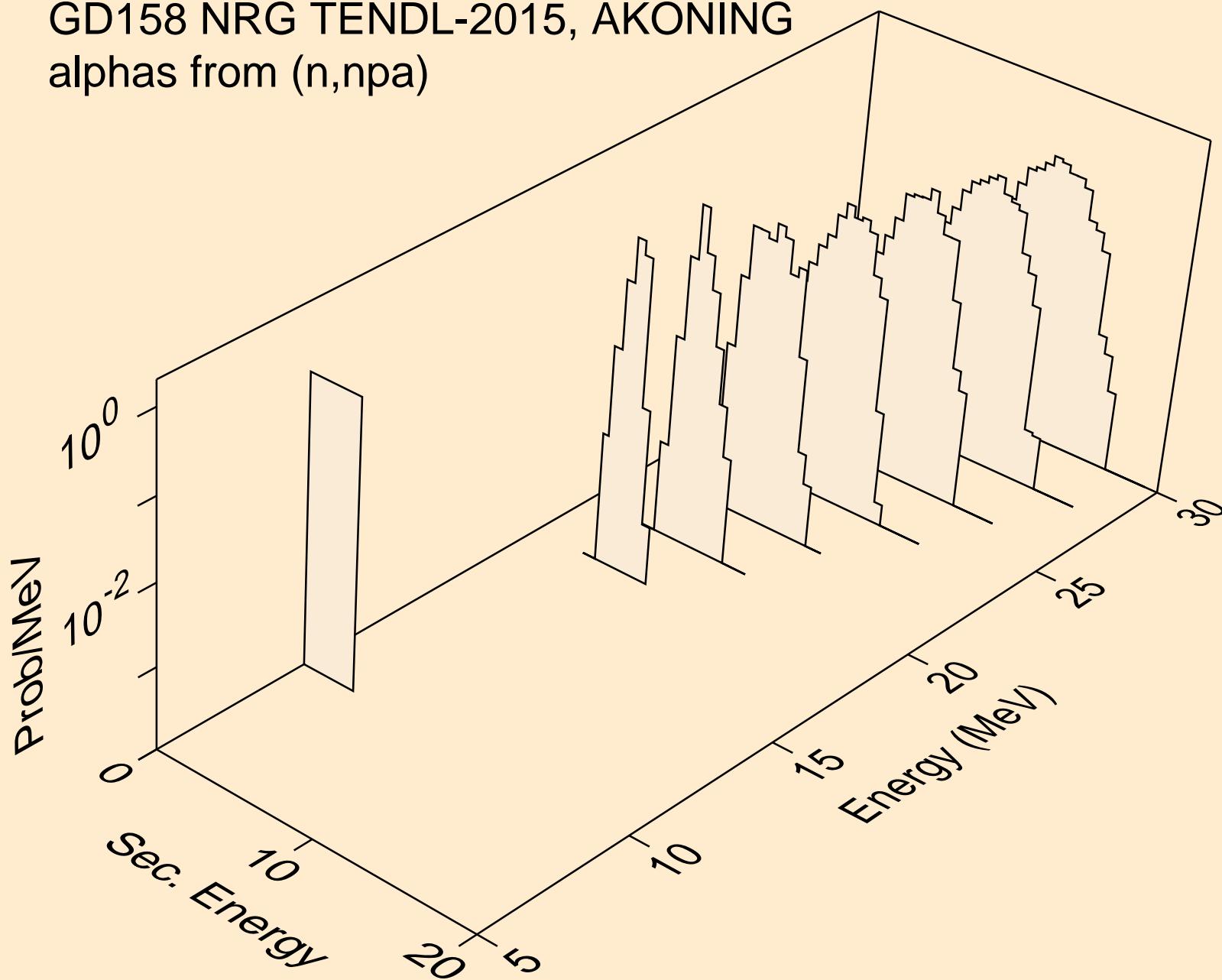
GD158 NRG TENDL-2015, AKONING  
alphas from  $(n,2n)a$



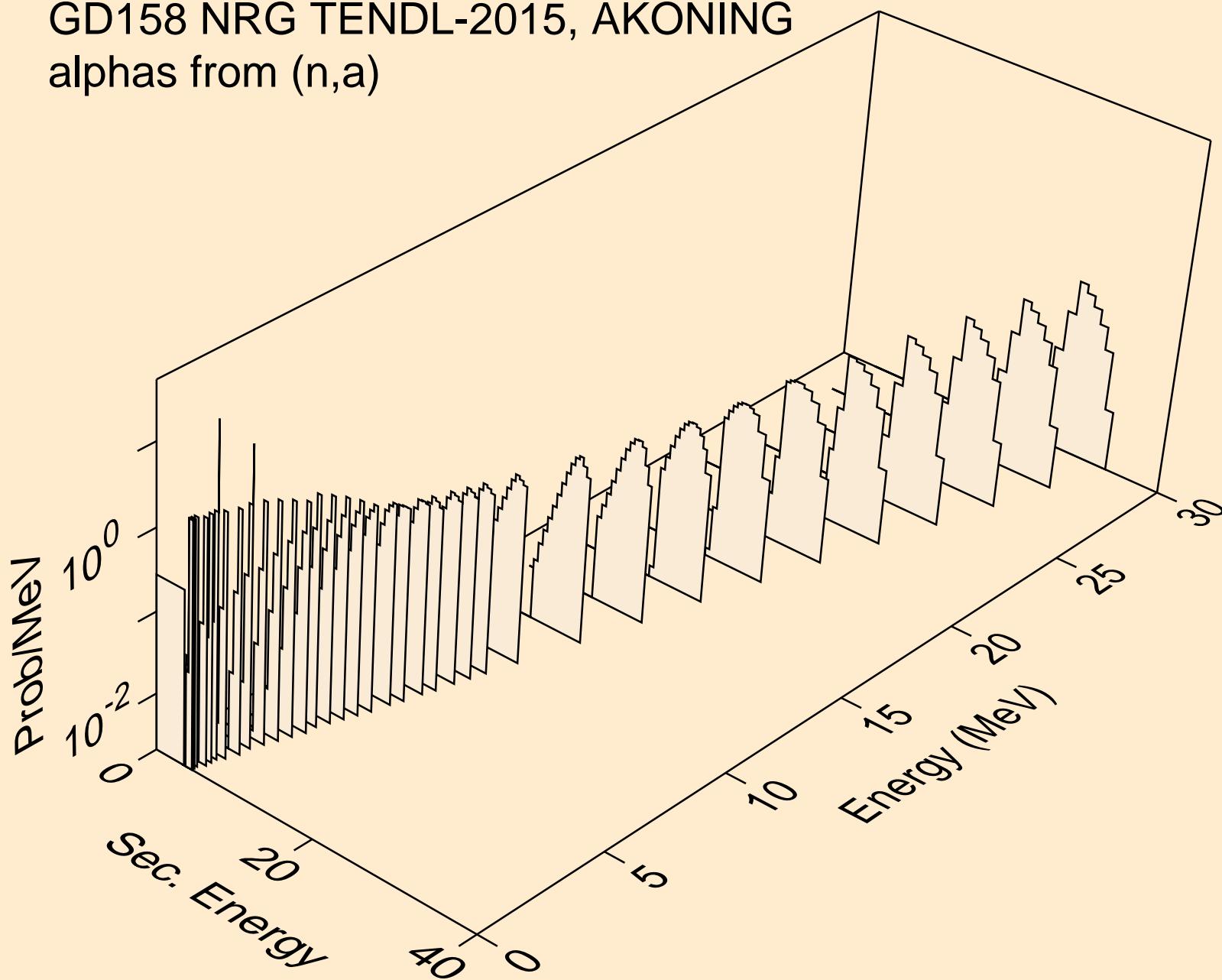
GD158 NRG TENDL-2015, AKONING  
alphas from ( $n,3n$ )a



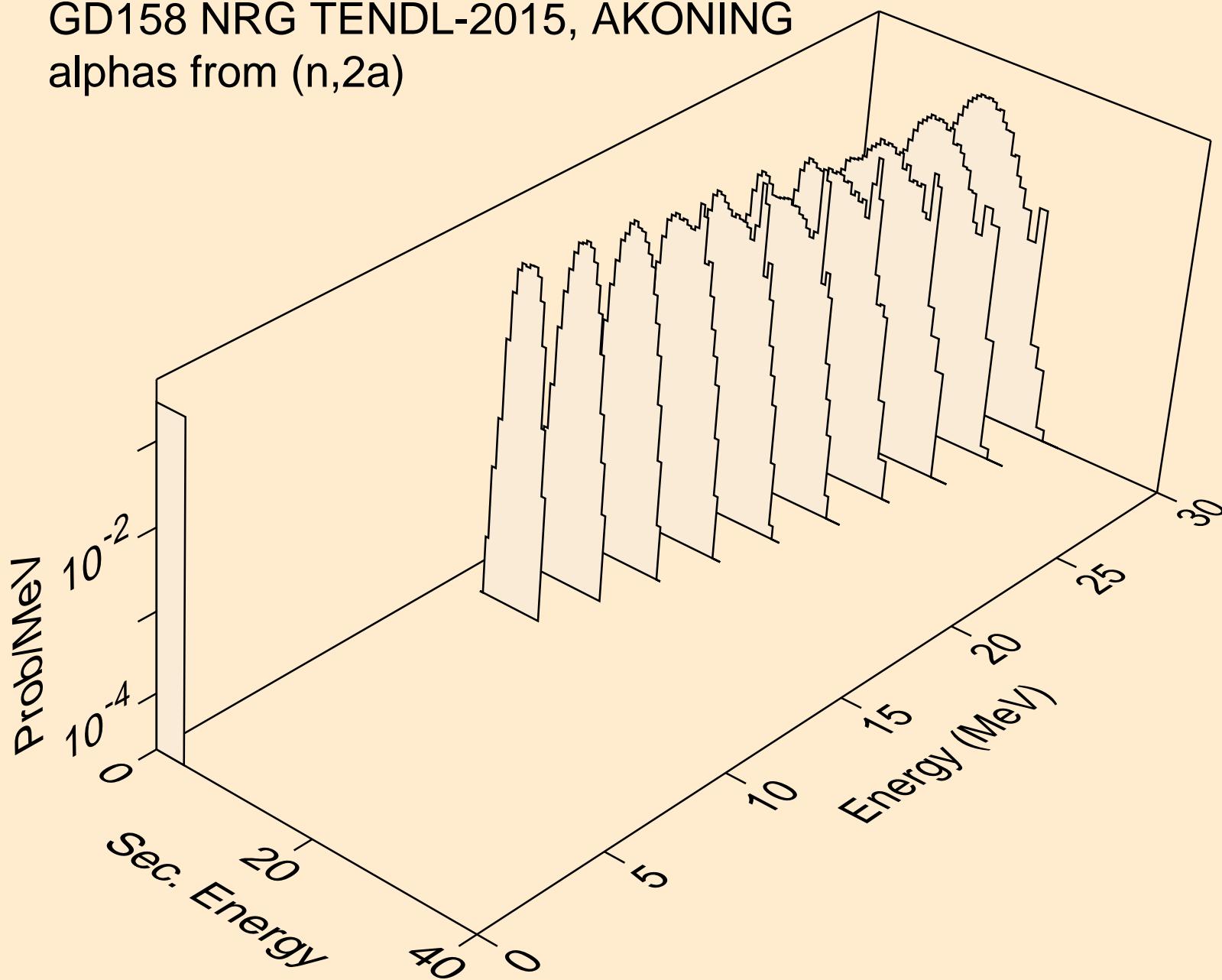
GD158 NRG TENDL-2015, AKONING  
alphas from (n,npa)



GD158 NRG TENDL-2015, AKONING  
alphas from (n,a)



GD158 NRG TENDL-2015, AKONING  
alphas from ( $n,2a$ )



GD158 NRG TENDL-2015, AKONING  
alphas from (n,pa)

