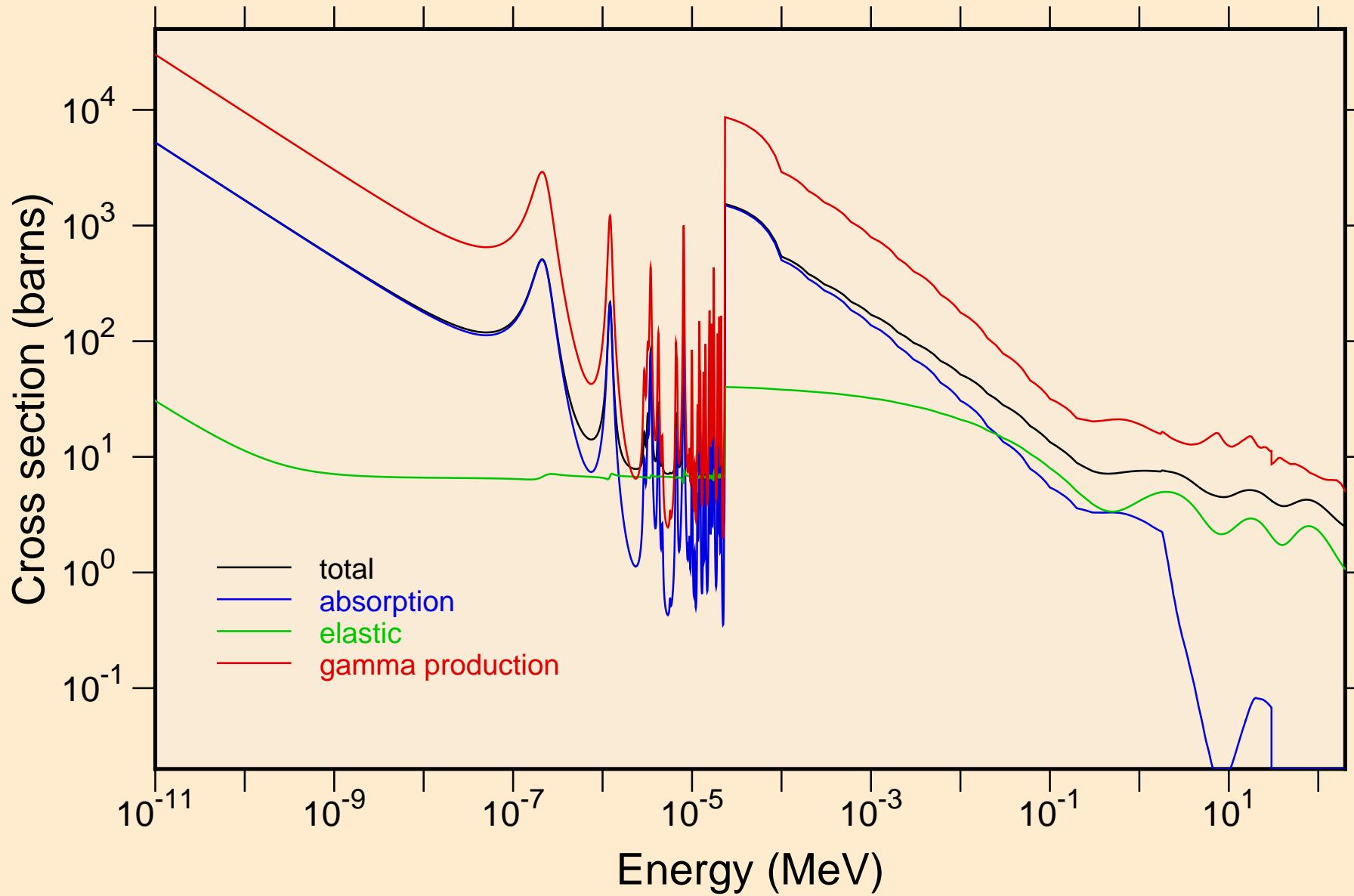
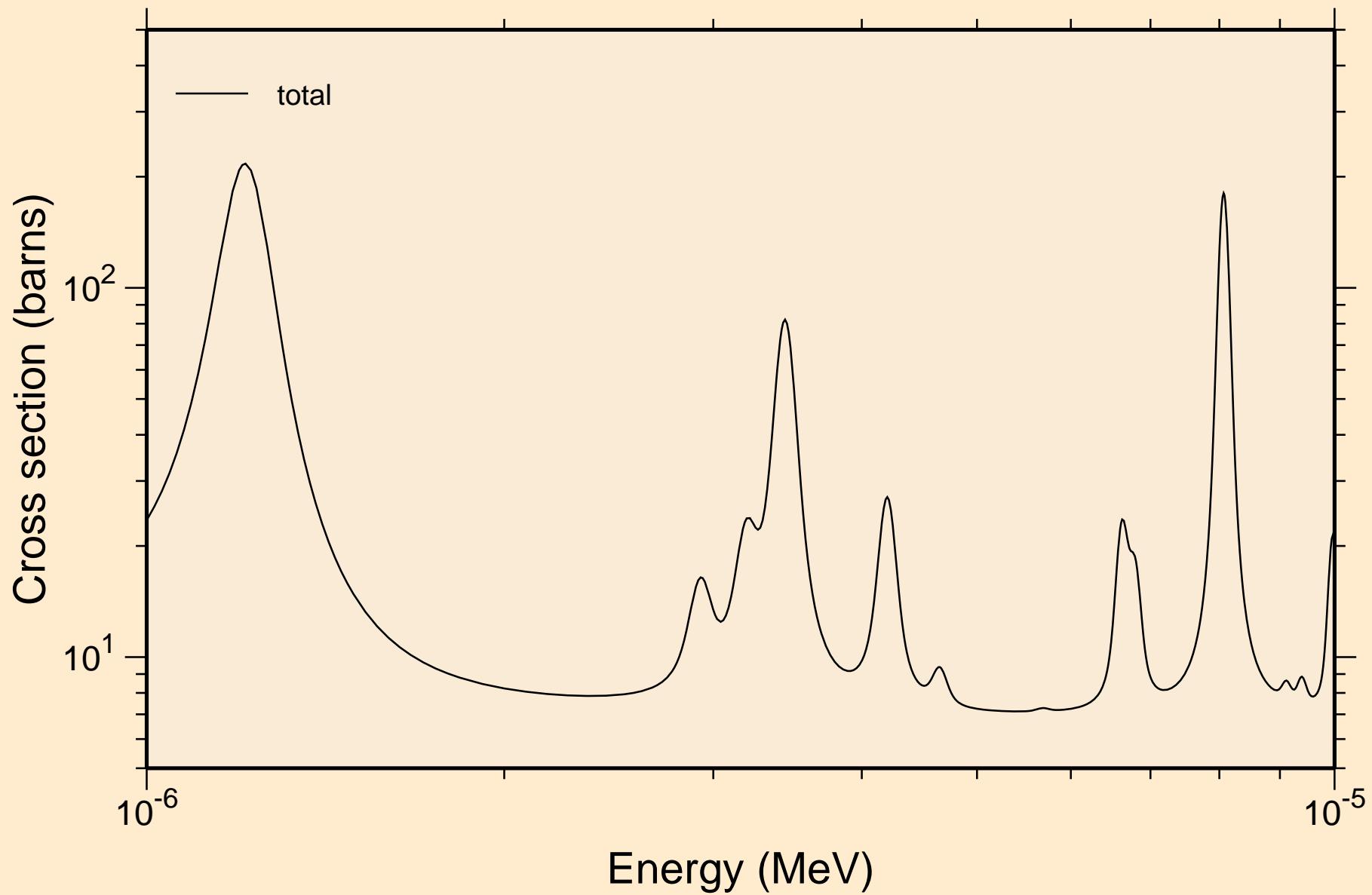


# HO160 NRG TENDL-2015, AKONING

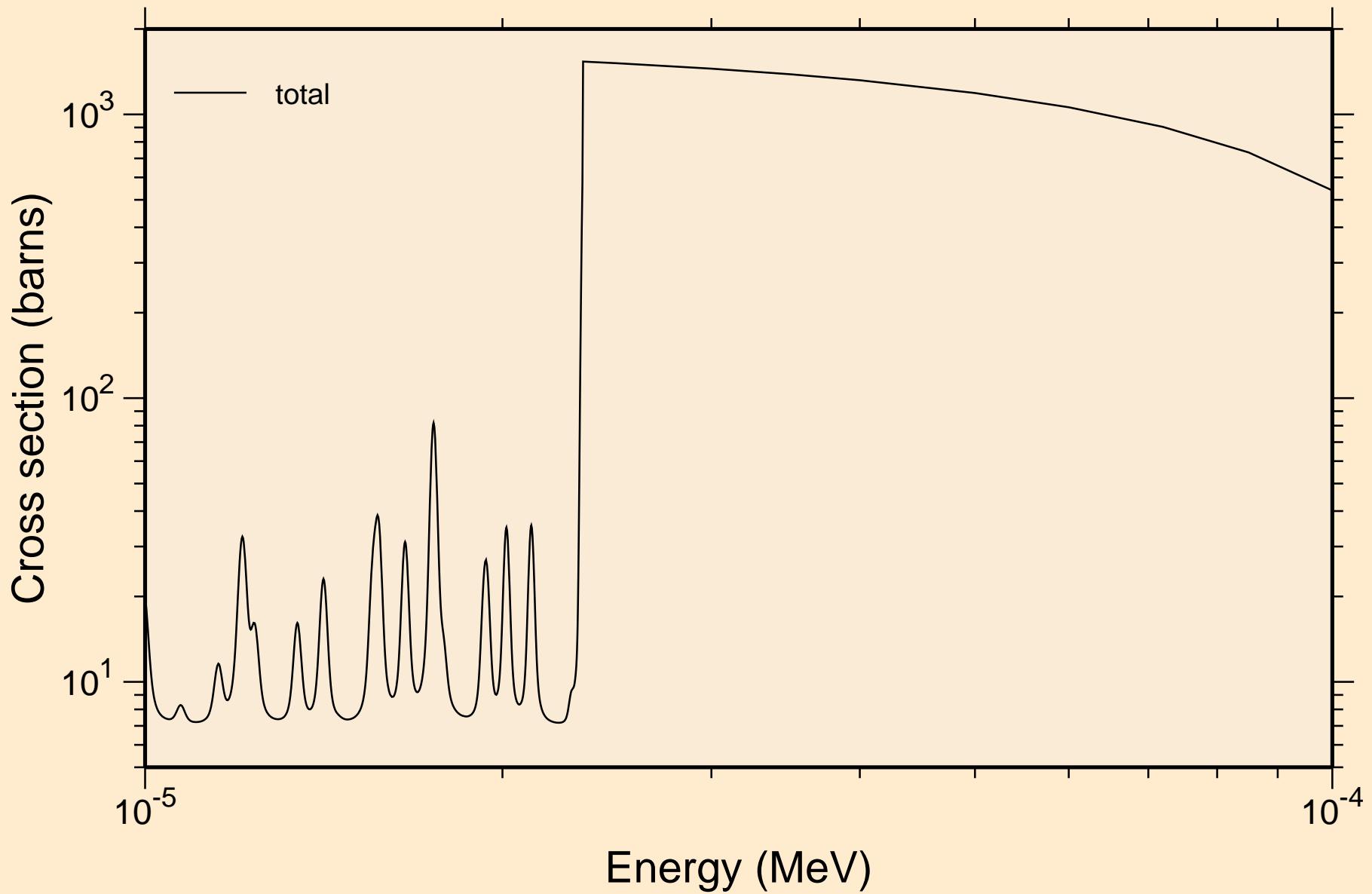
## Principal cross sections



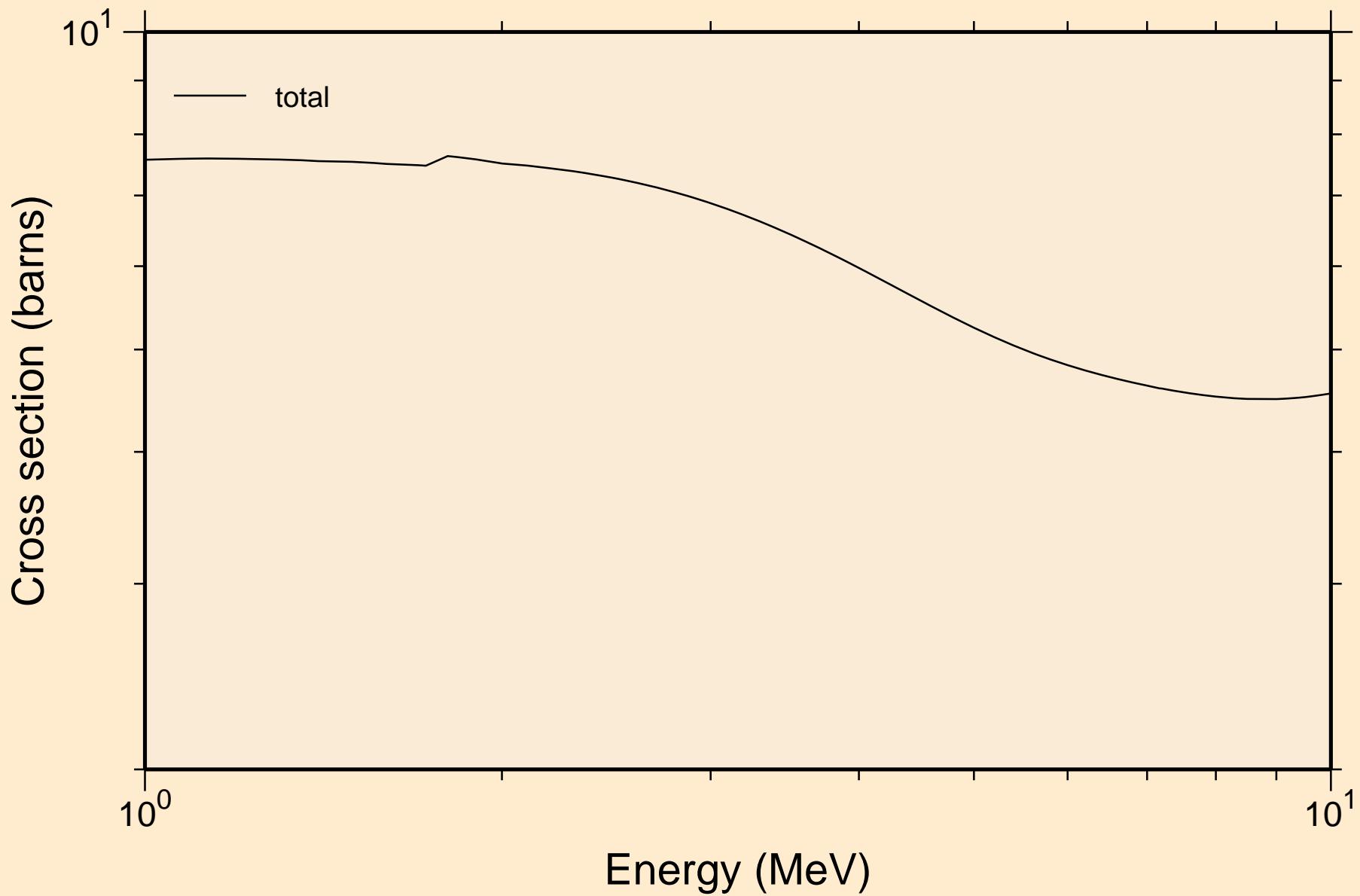
HO160 NRG TENDL-2015, AKONING  
resonance total cross section



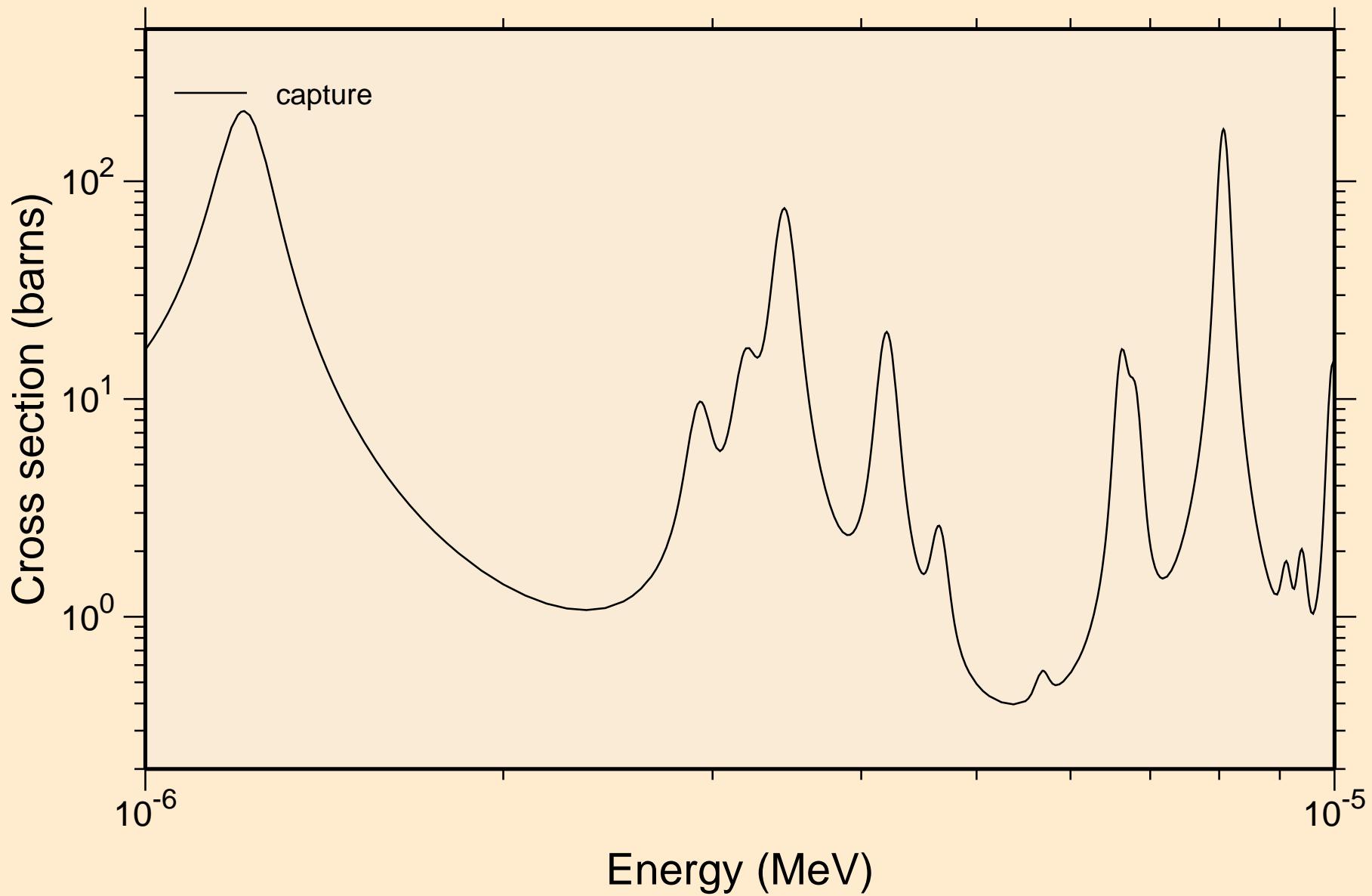
HO160 NRG TENDL-2015, AKONING  
resonance total cross section



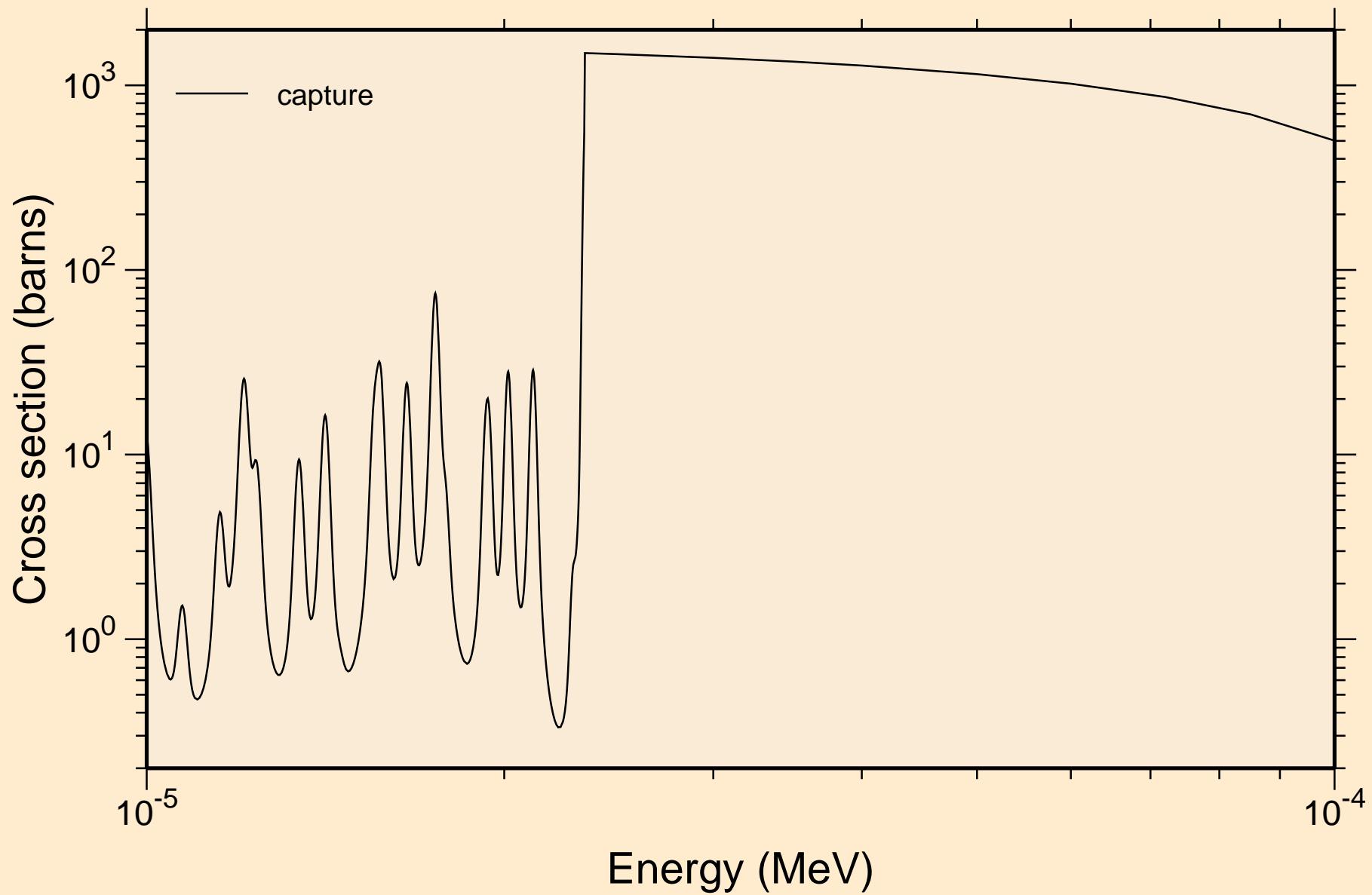
HO160 NRG TENDL-2015, AKONING  
resonance total cross section



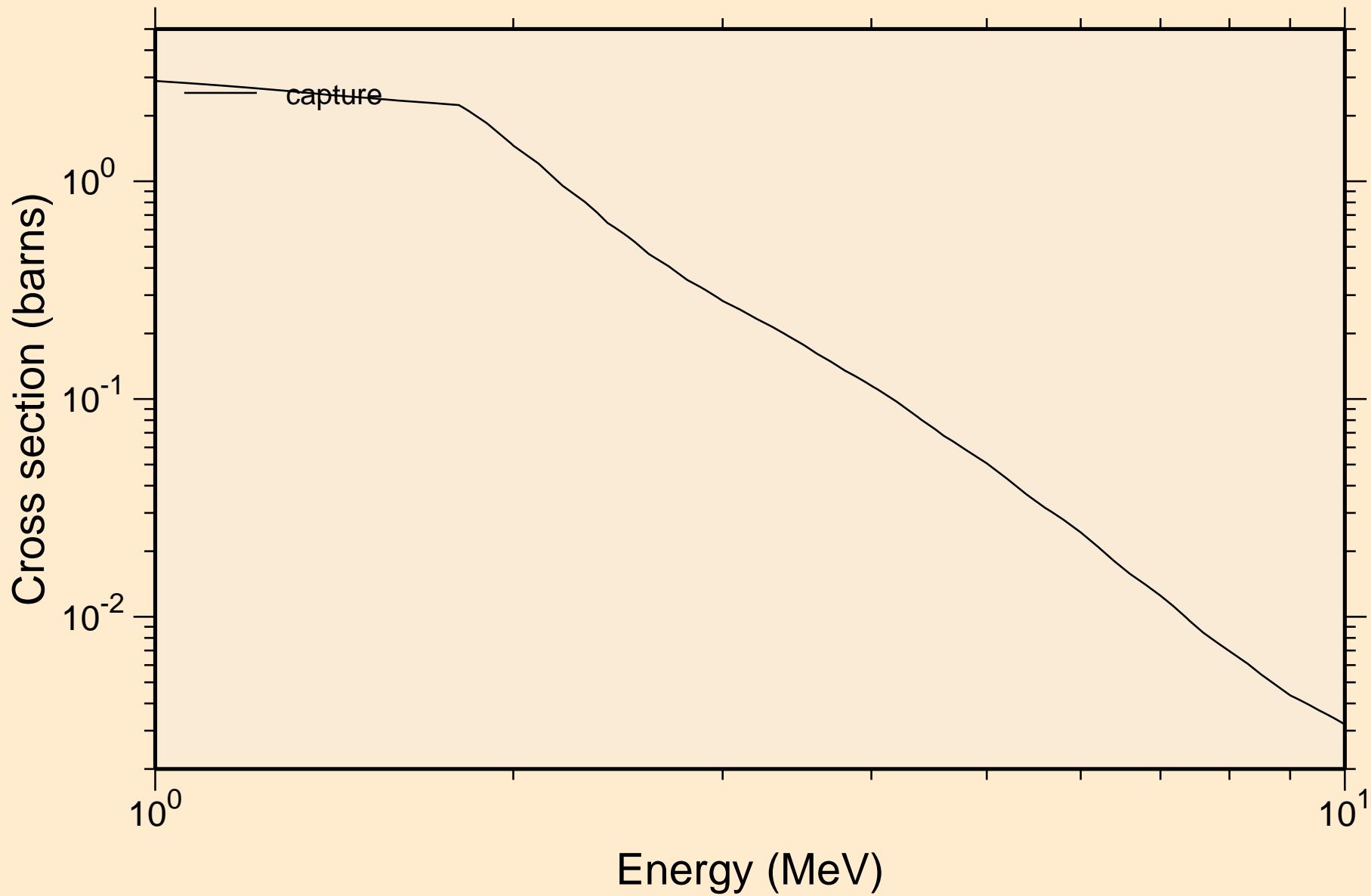
HO160 NRG TENDL-2015, AKONING  
resonance absorption cross sections



HO160 NRG TENDL-2015, AKONING  
resonance absorption cross sections

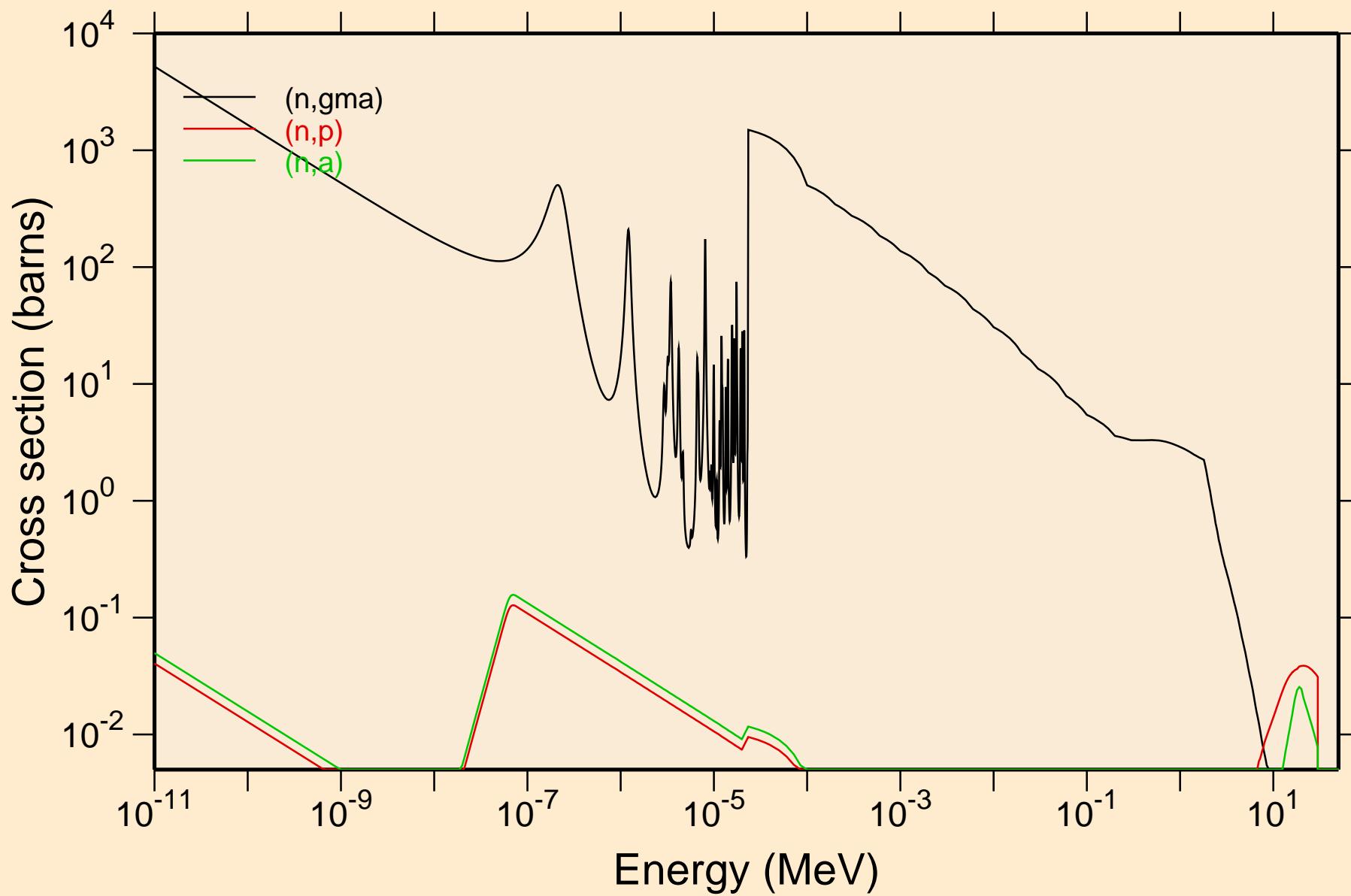


HO160 NRG TENDL-2015, AKONING  
resonance absorption cross sections



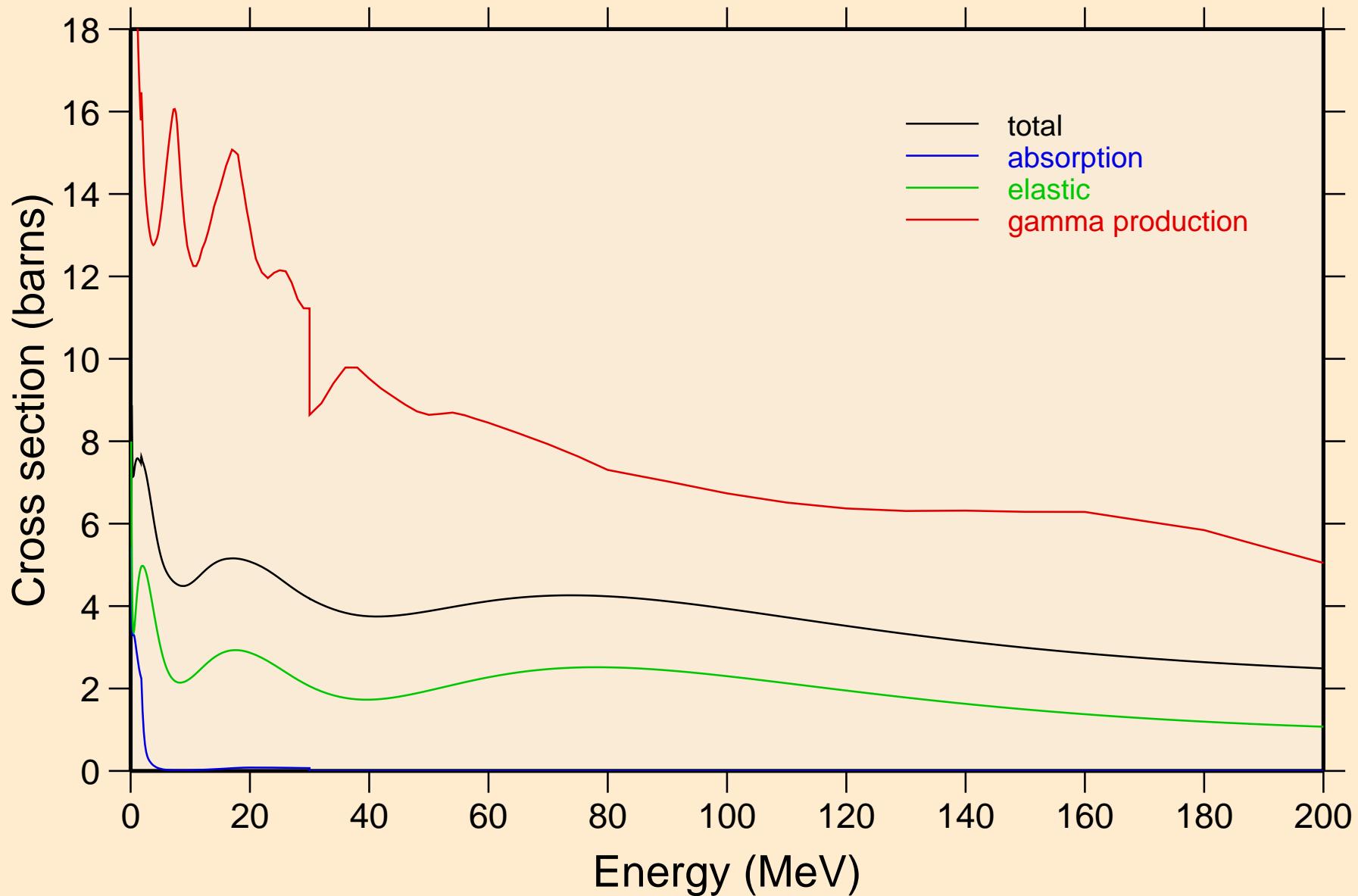
# HO160 NRG TENDL-2015, AKONING

## Non-threshold reactions



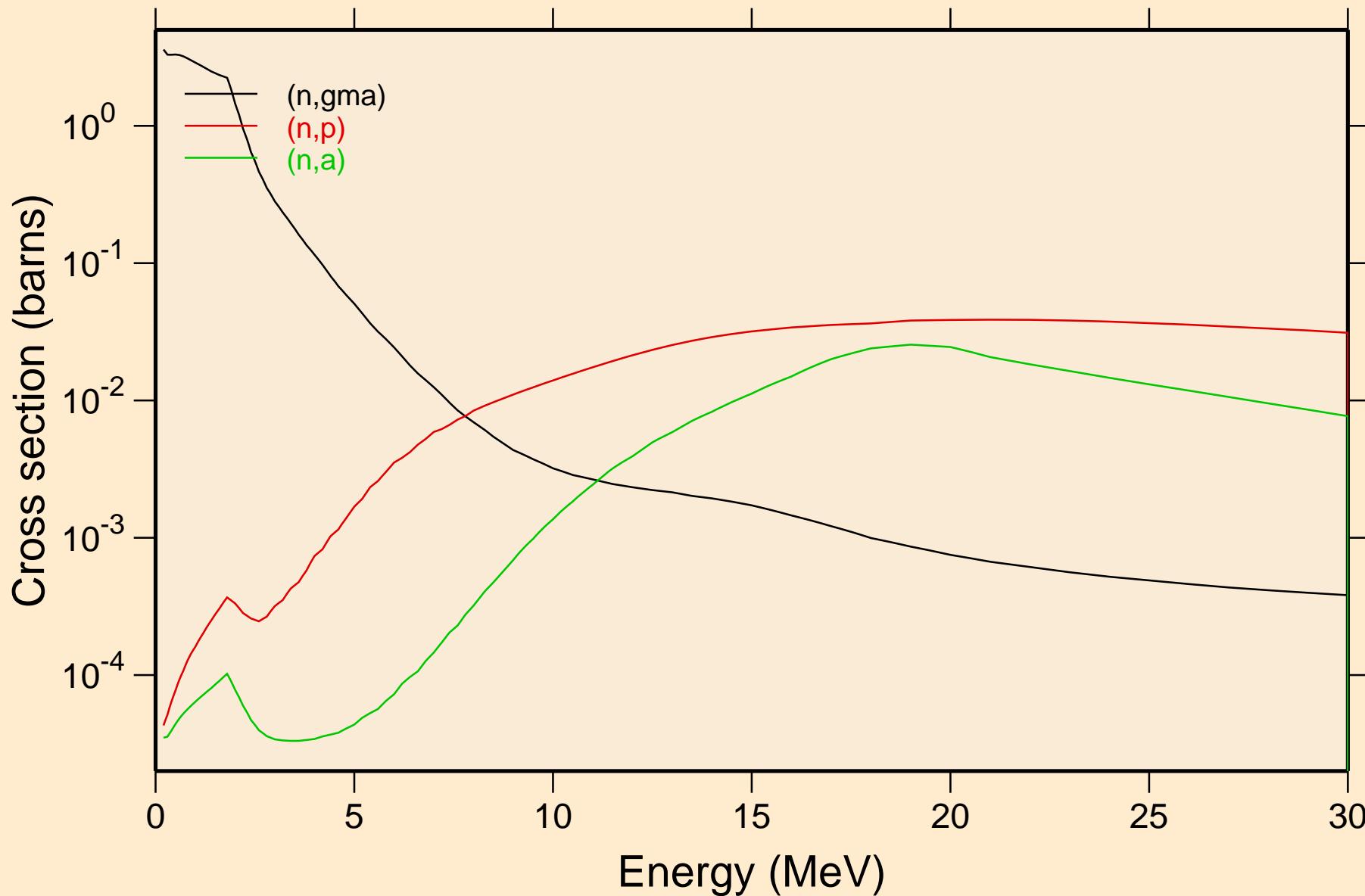
# HO160 NRG TENDL-2015, AKONING

## Principal cross sections



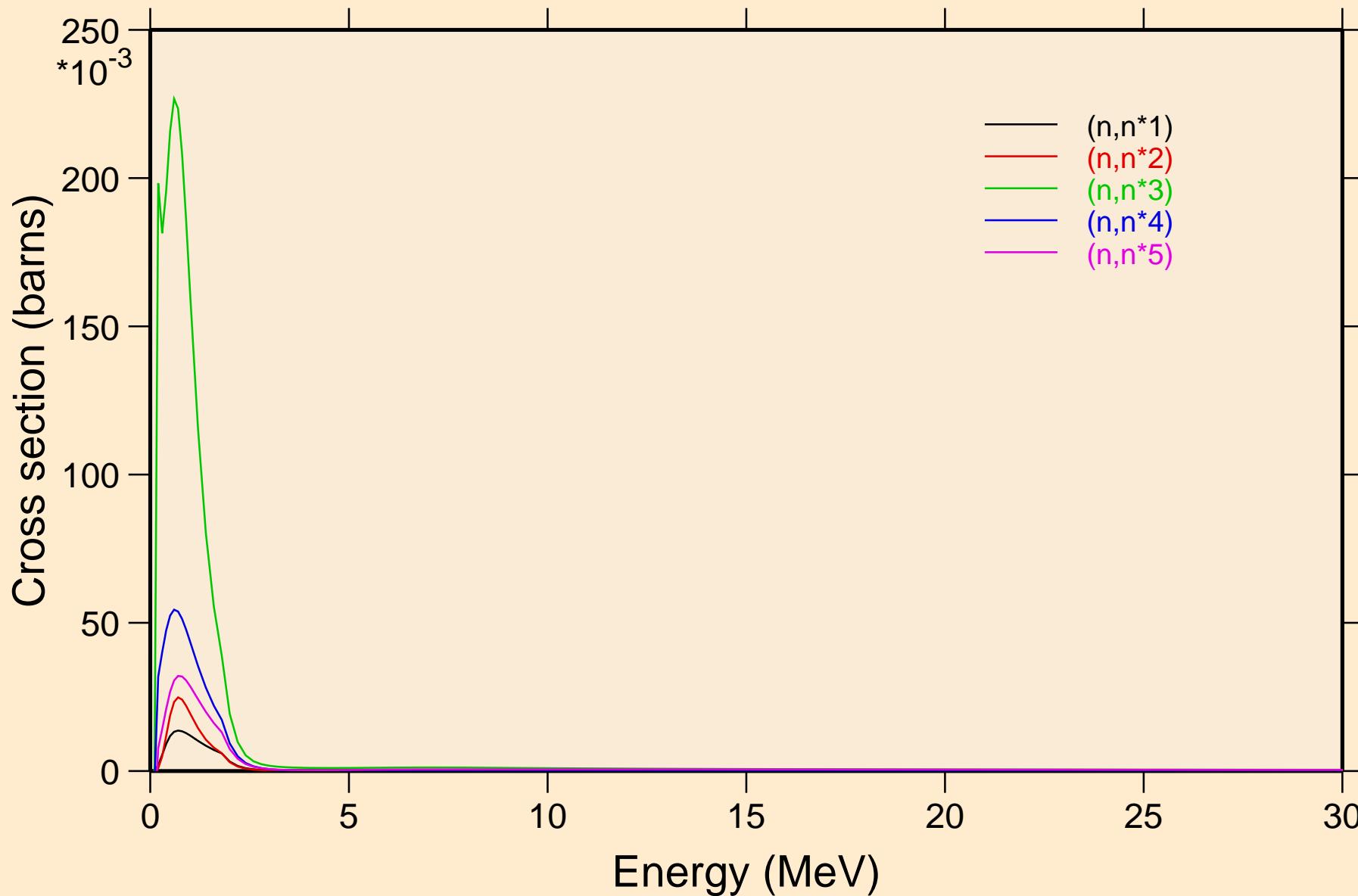
# HO160 NRG TENDL-2015, AKONING

## Non-threshold reactions



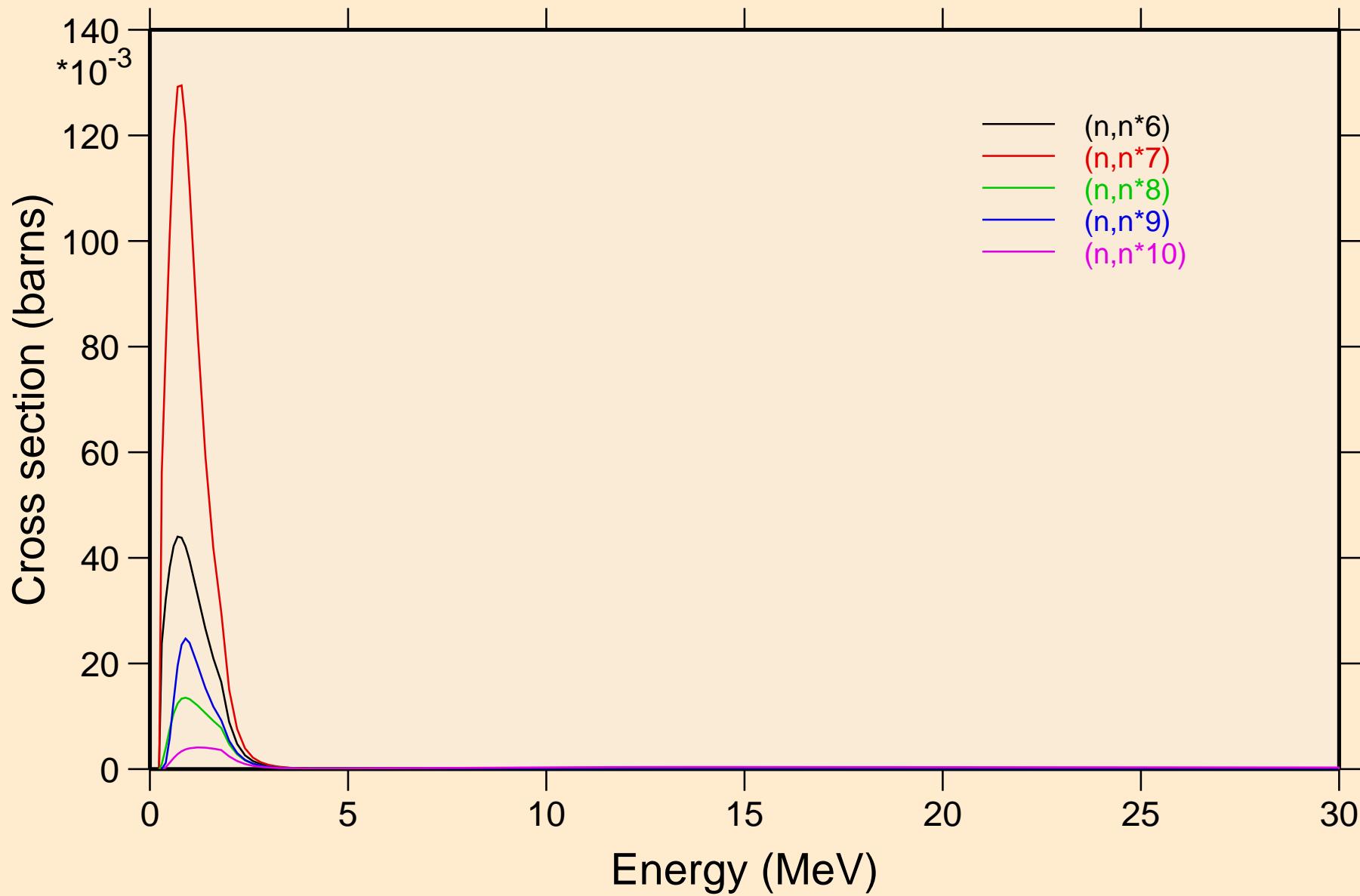
# HO160 NRG TENDL-2015, AKONING

## Inelastic levels



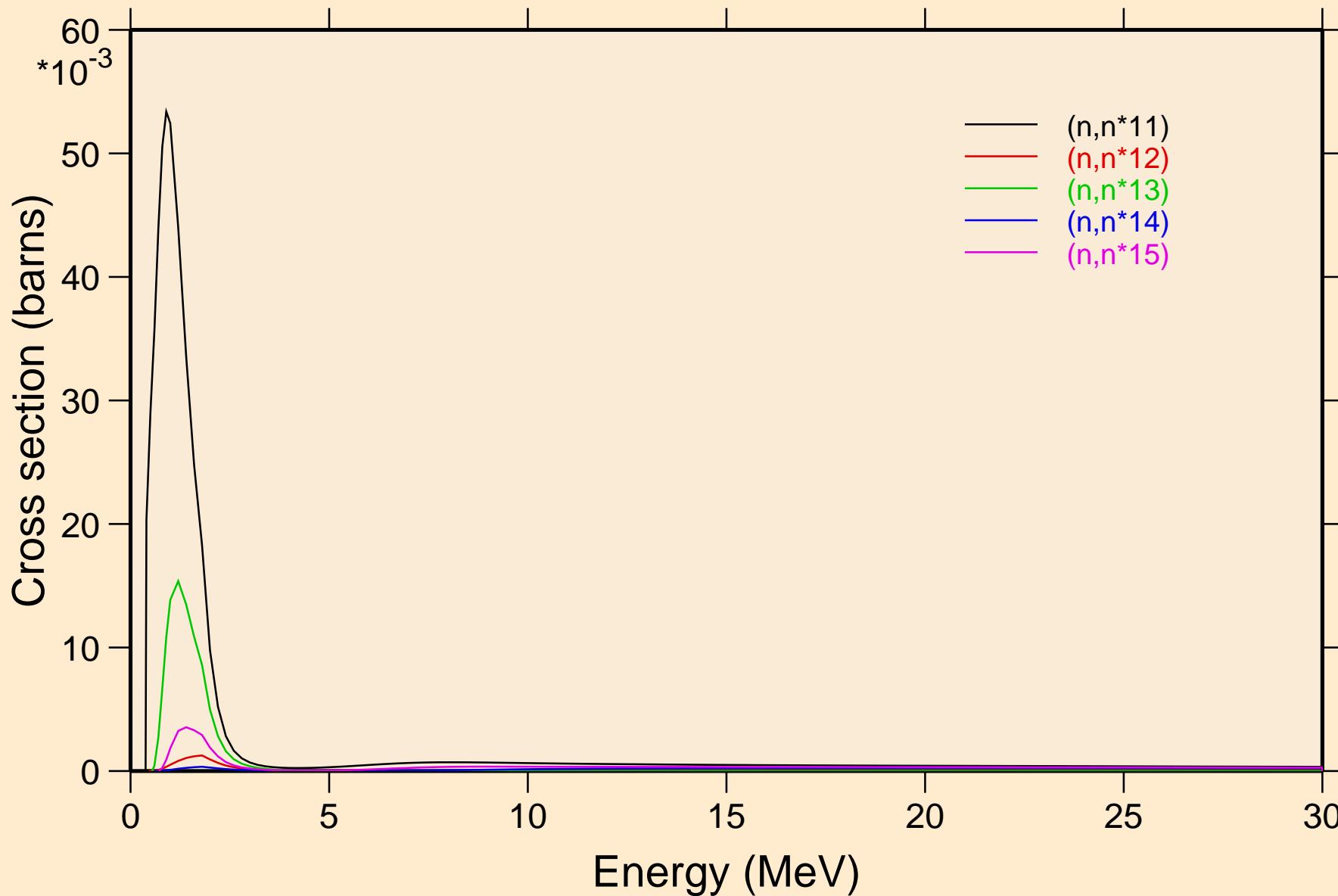
# HO160 NRG TENDL-2015, AKONING

## Inelastic levels



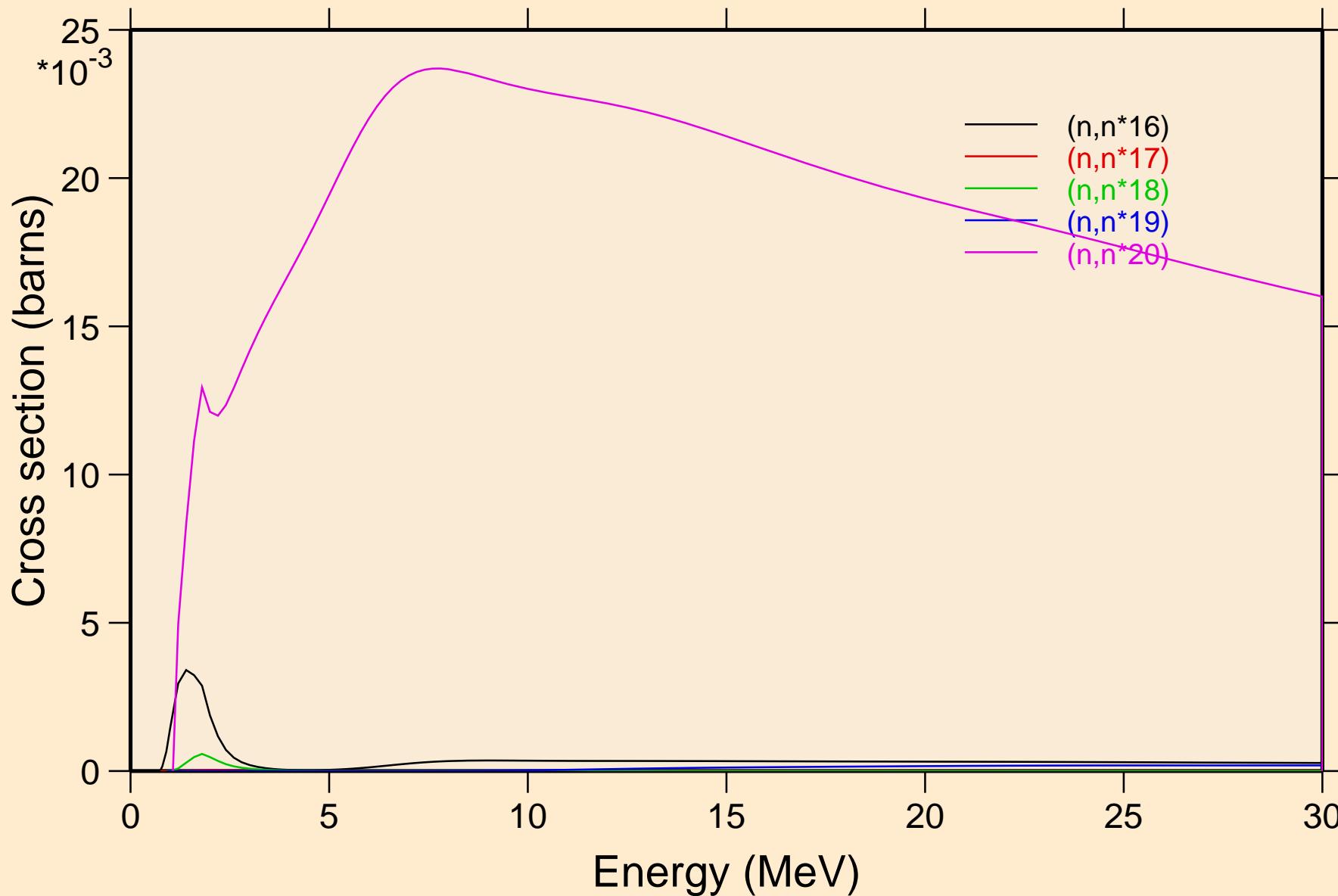
# HO160 NRG TENDL-2015, AKONING

## Inelastic levels



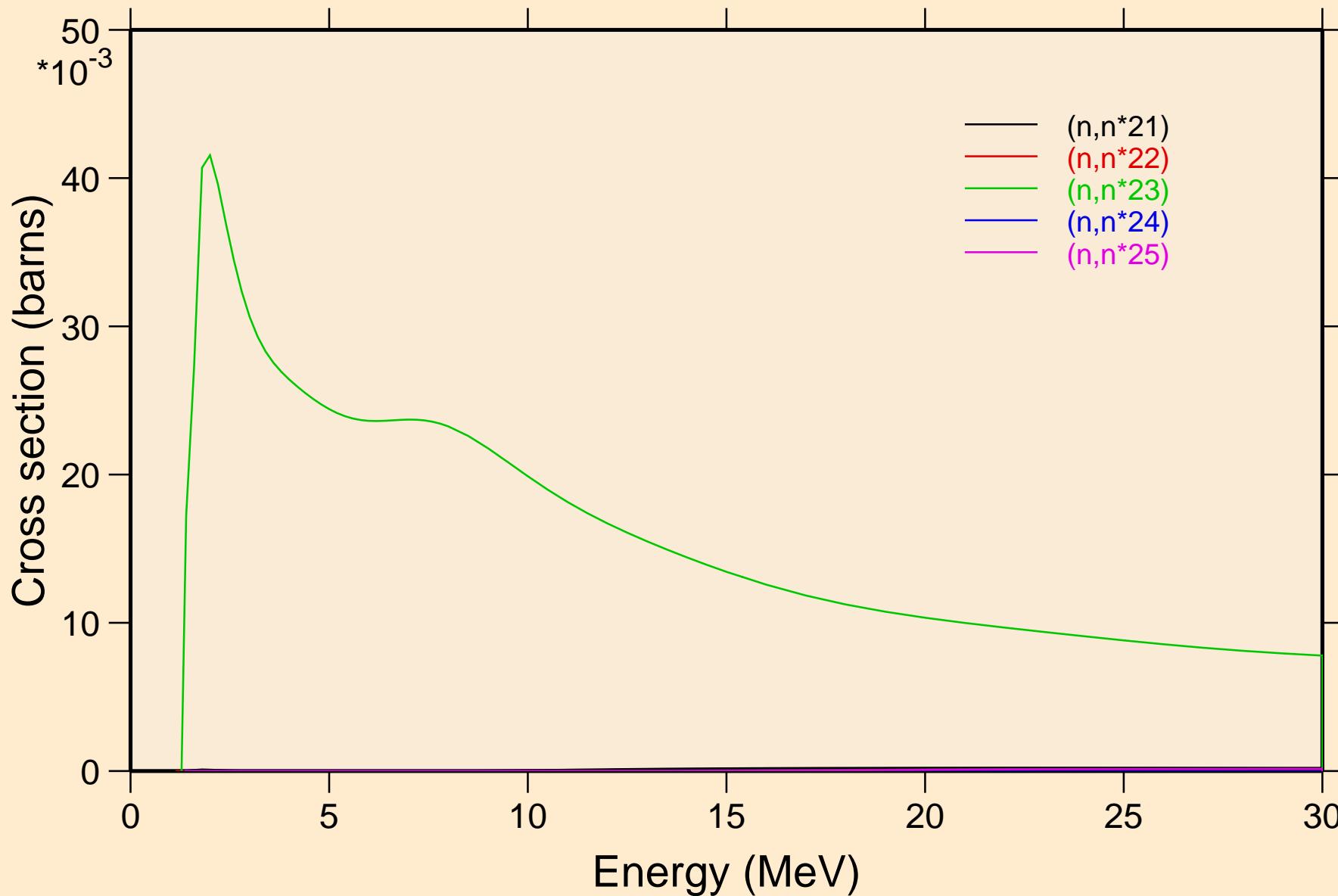
# HO160 NRG TENDL-2015, AKONING

## Inelastic levels



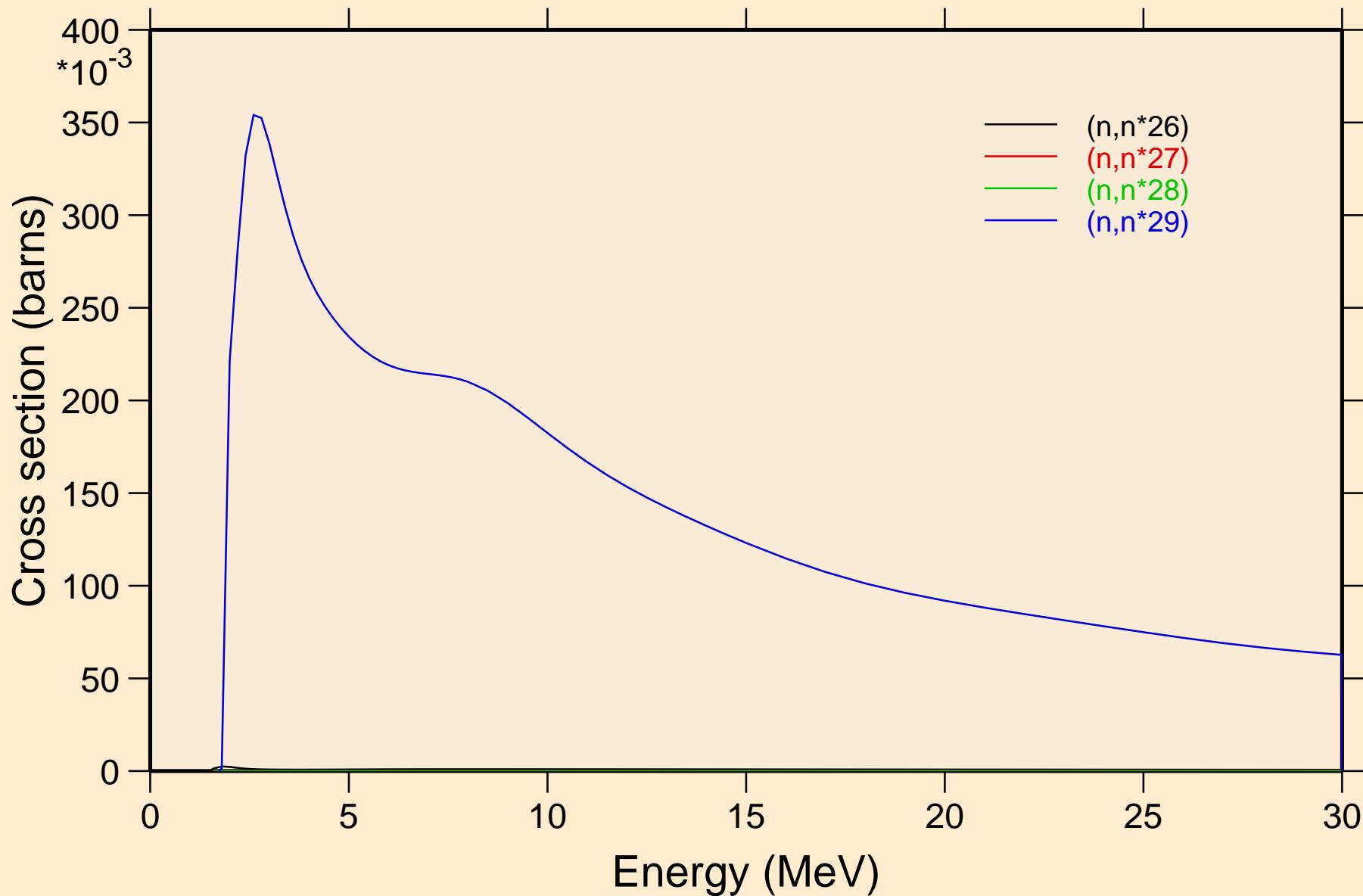
# HO160 NRG TENDL-2015, AKONING

## Inelastic levels



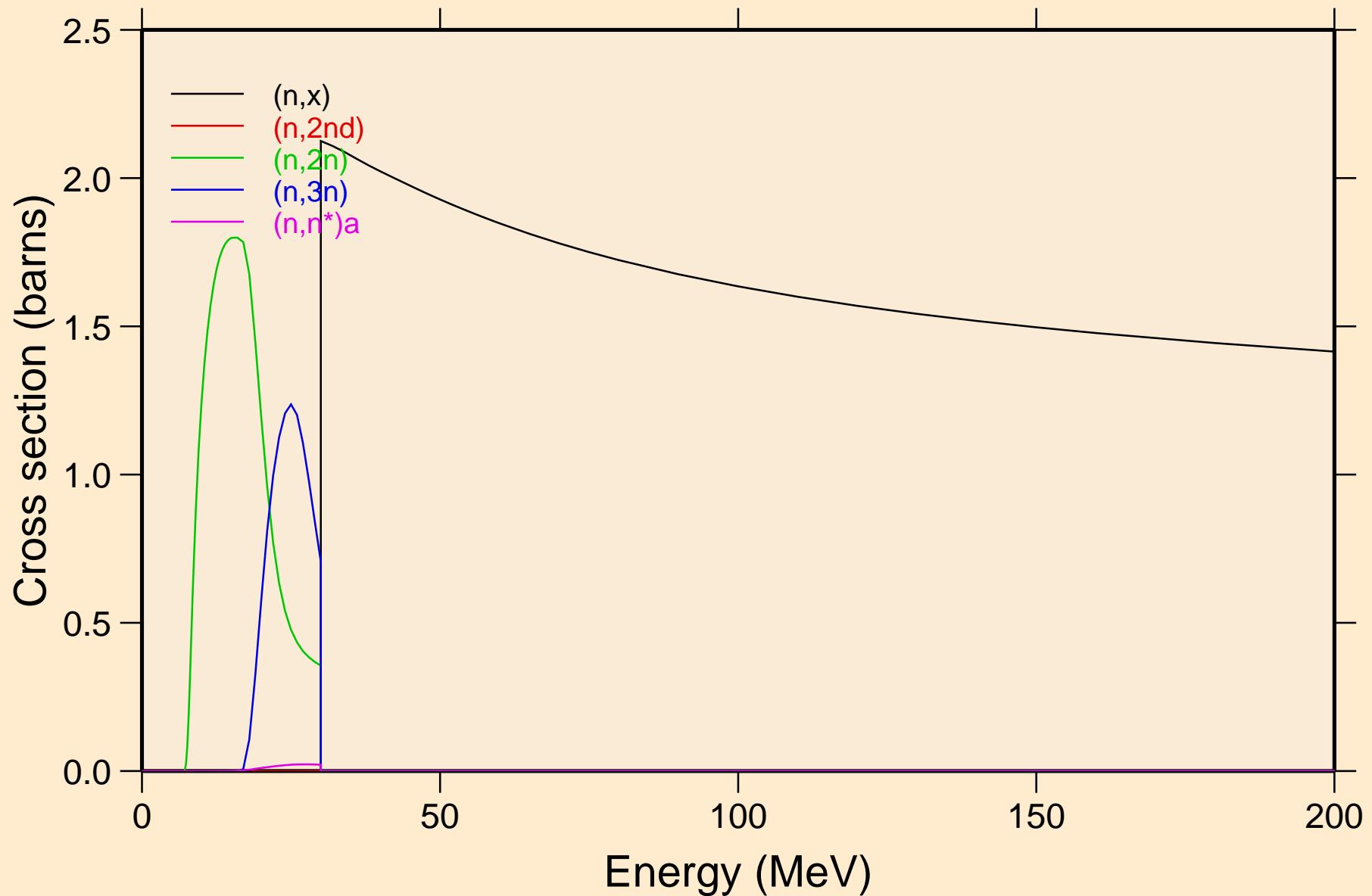
# HO160 NRG TENDL-2015, AKONING

## Inelastic levels



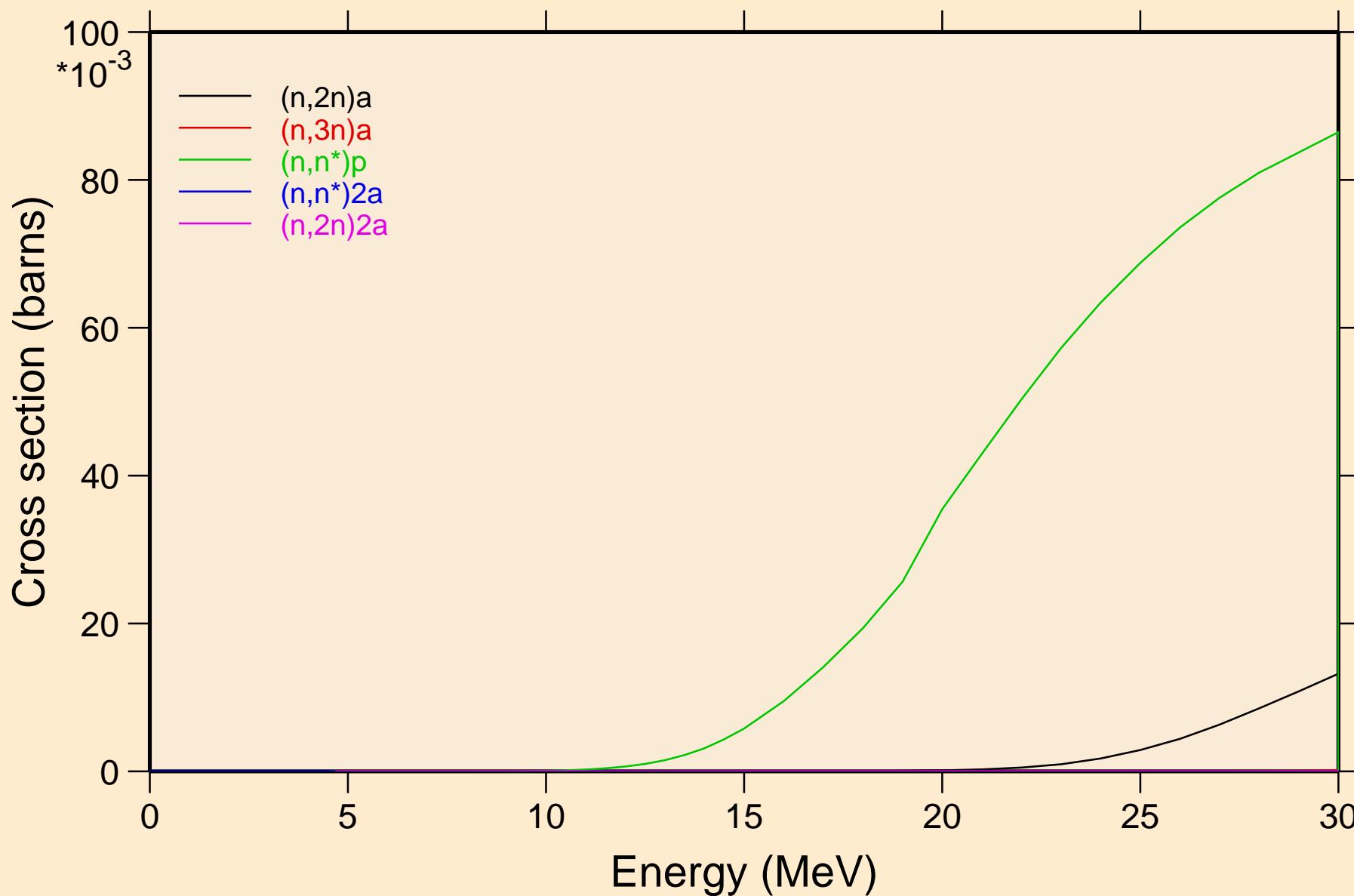
# HO160 NRG TENDL-2015, AKONING

## Threshold reactions



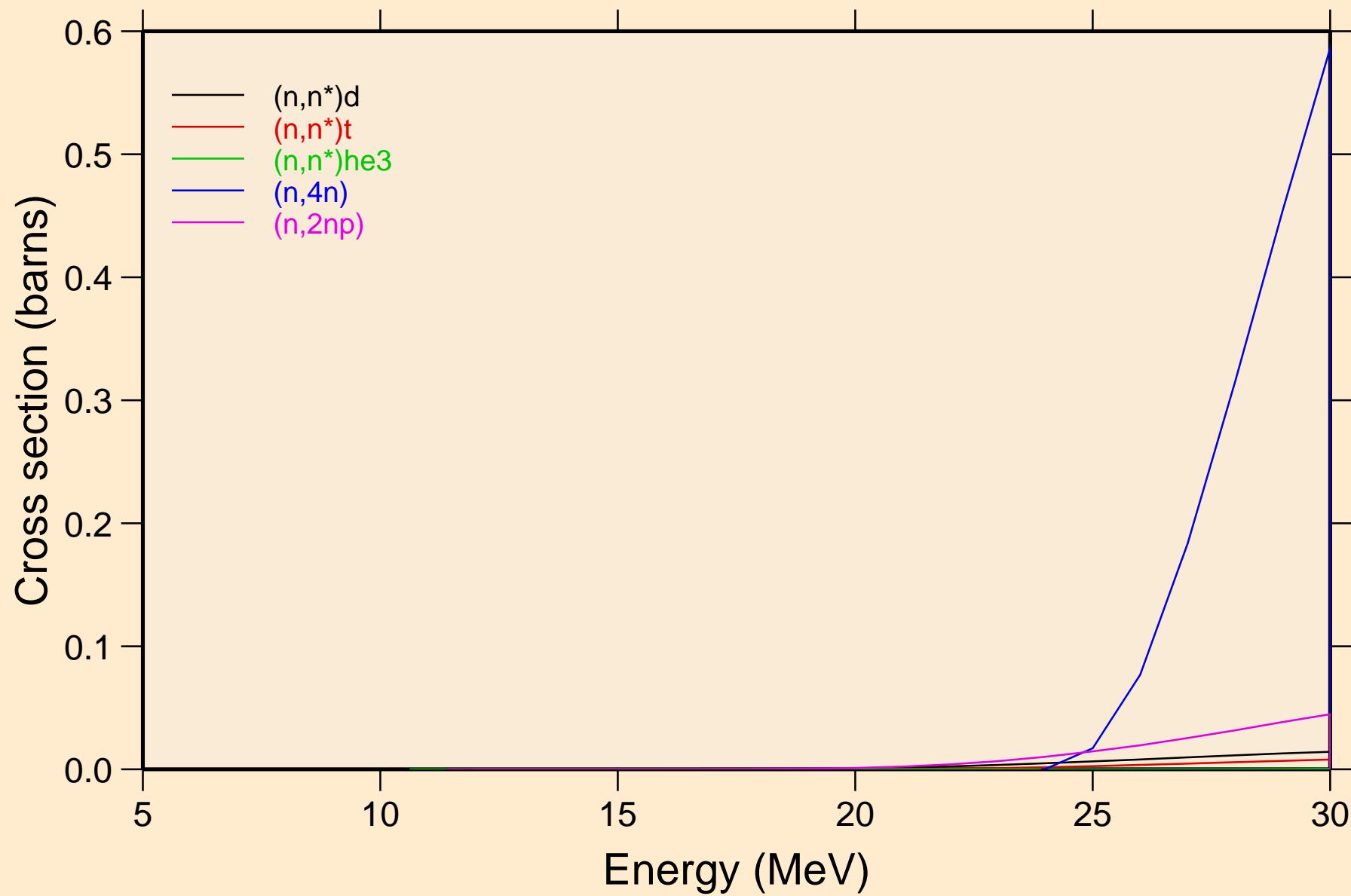
# HO160 NRG TENDL-2015, AKONING

## Threshold reactions



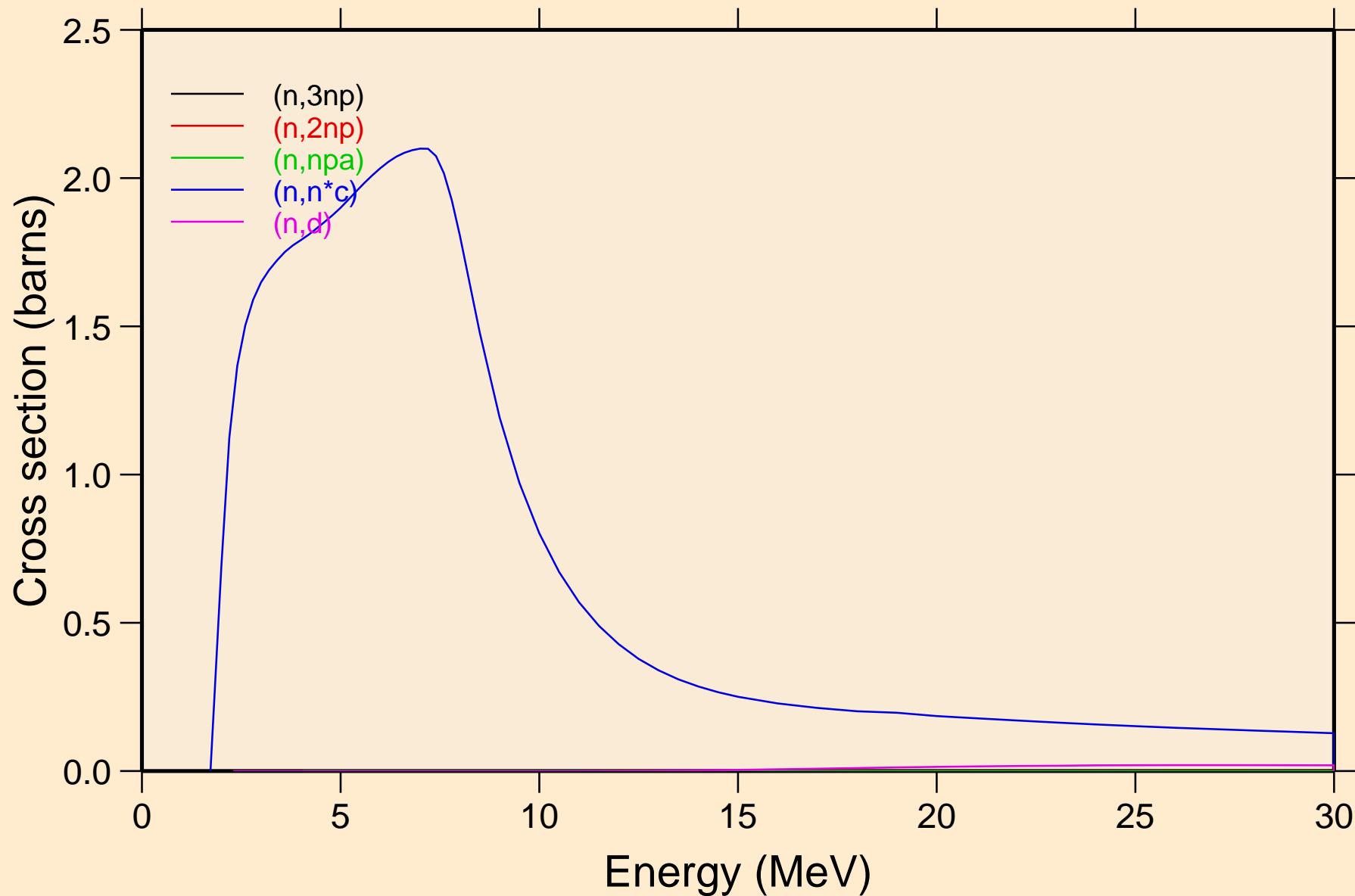
# HO160 NRG TENDL-2015, AKONING

## Threshold reactions



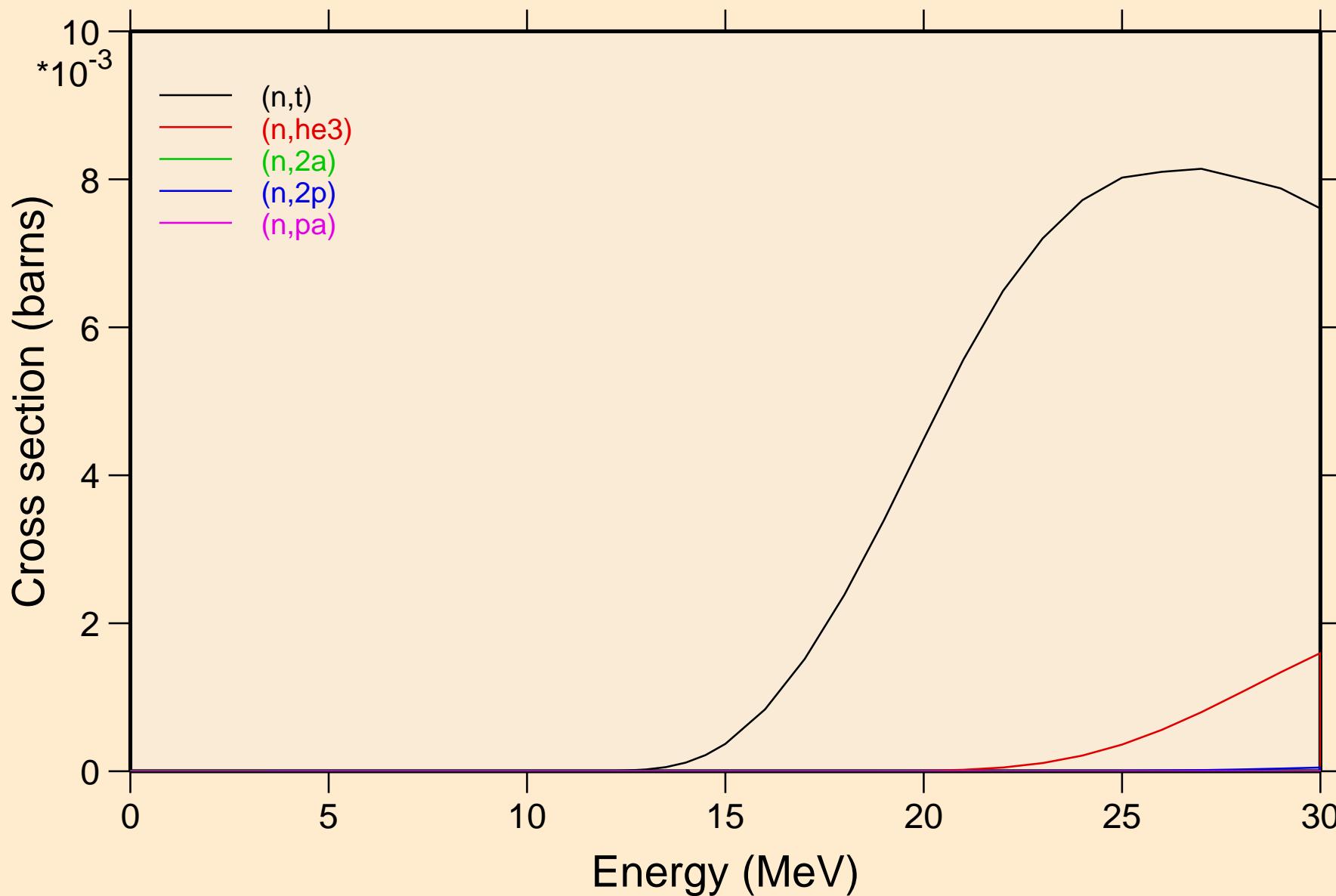
# HO160 NRG TENDL-2015, AKONING

## Threshold reactions



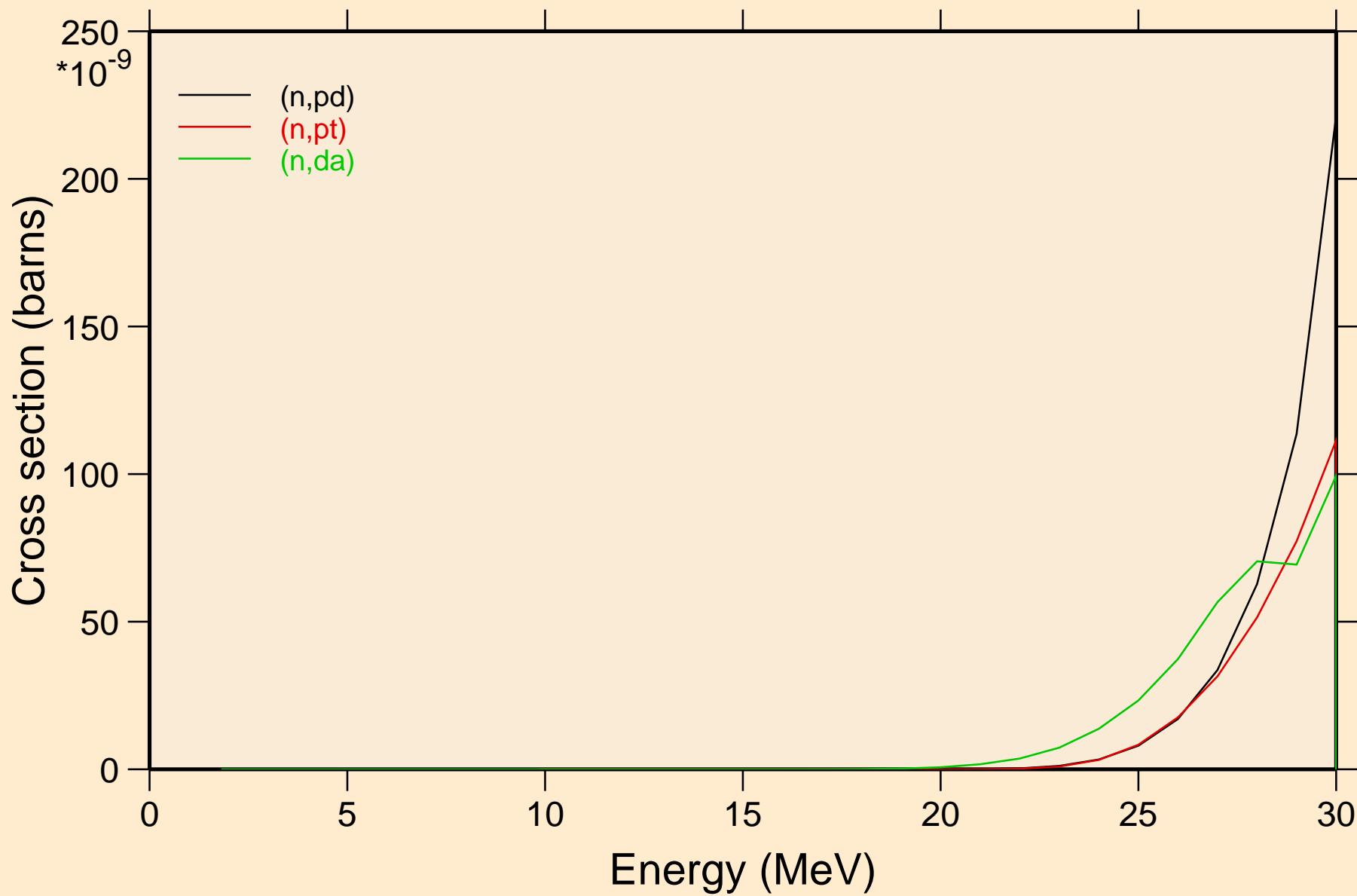
# HO160 NRG TENDL-2015, AKONING

## Threshold reactions

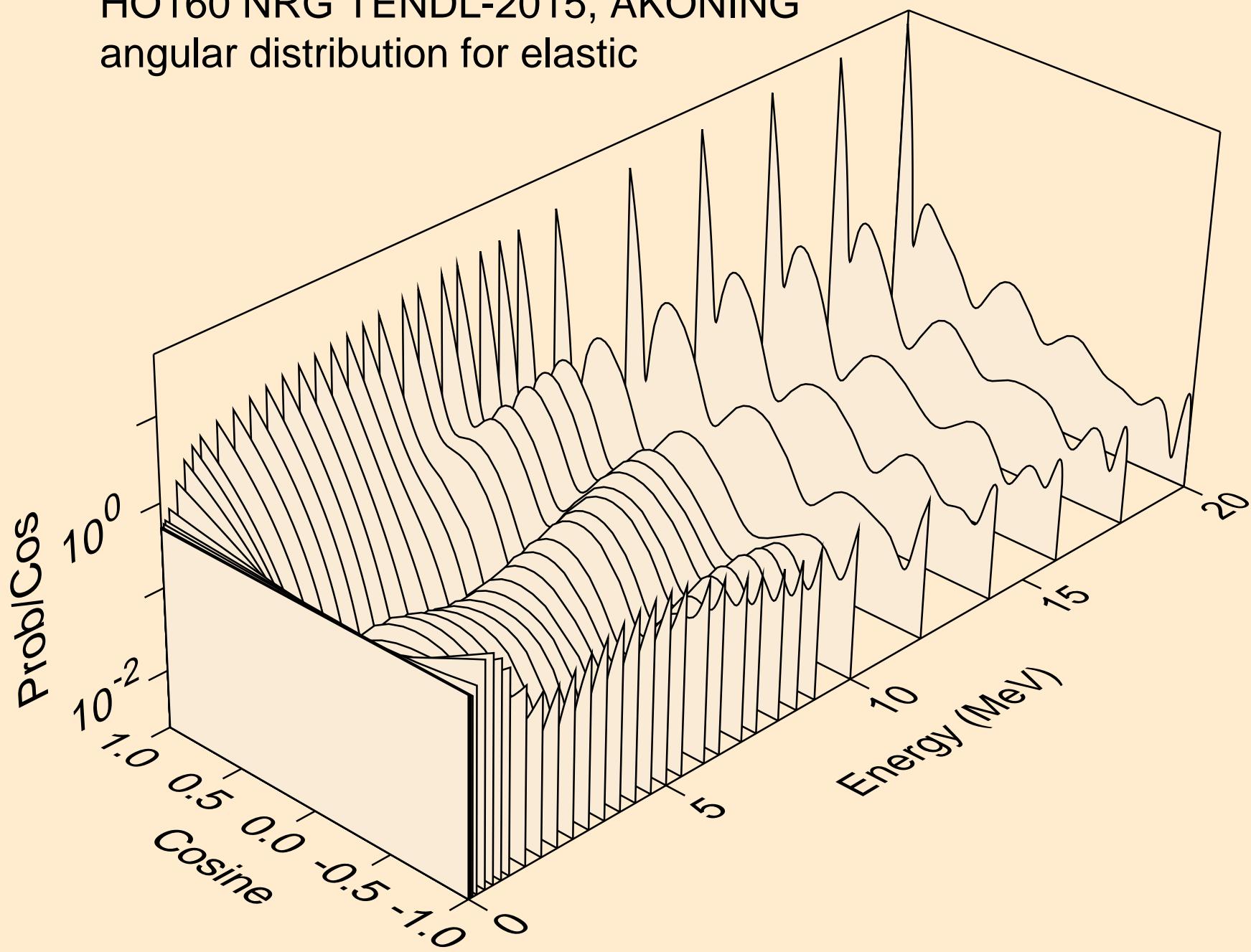


# HO160 NRG TENDL-2015, AKONING

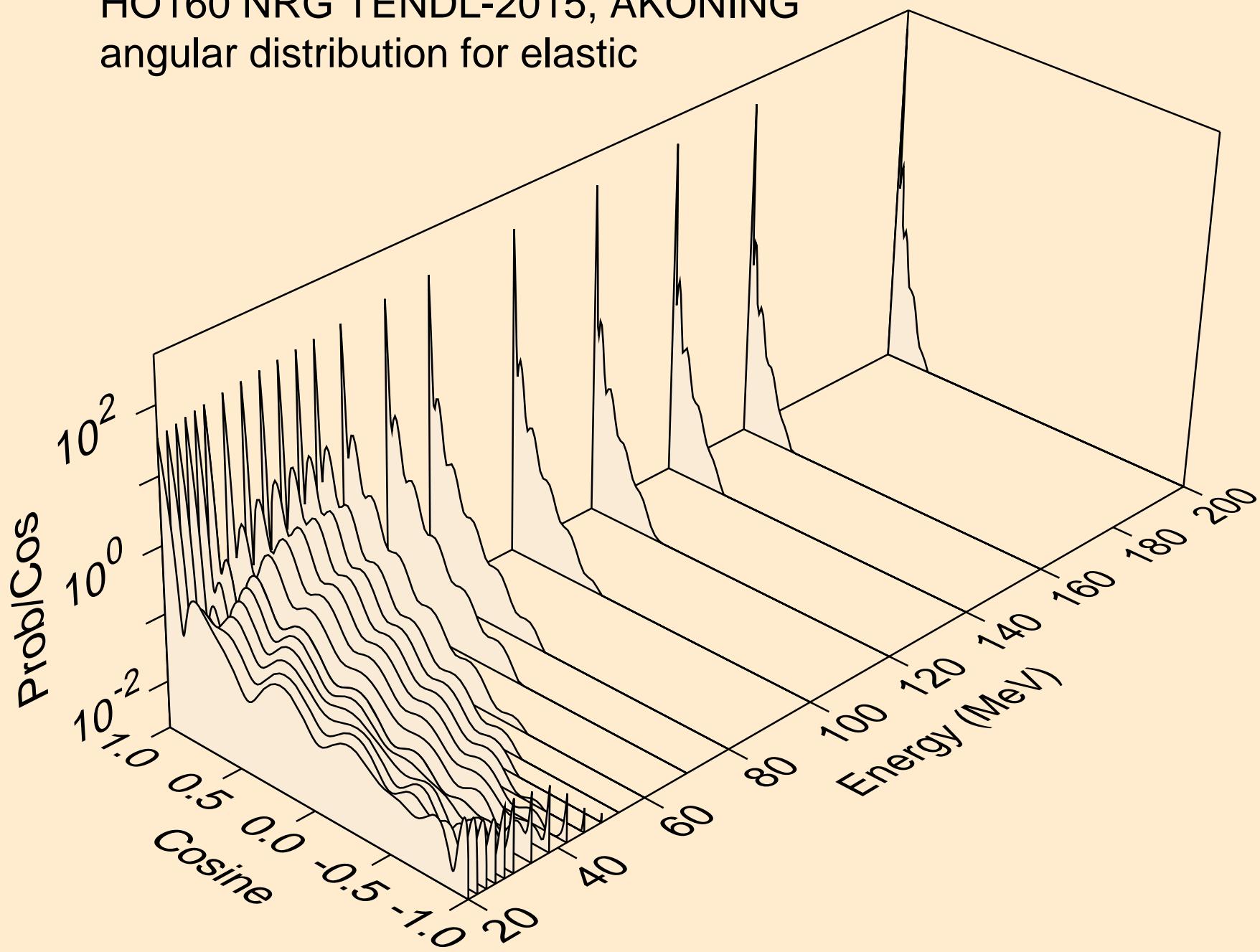
## Threshold reactions



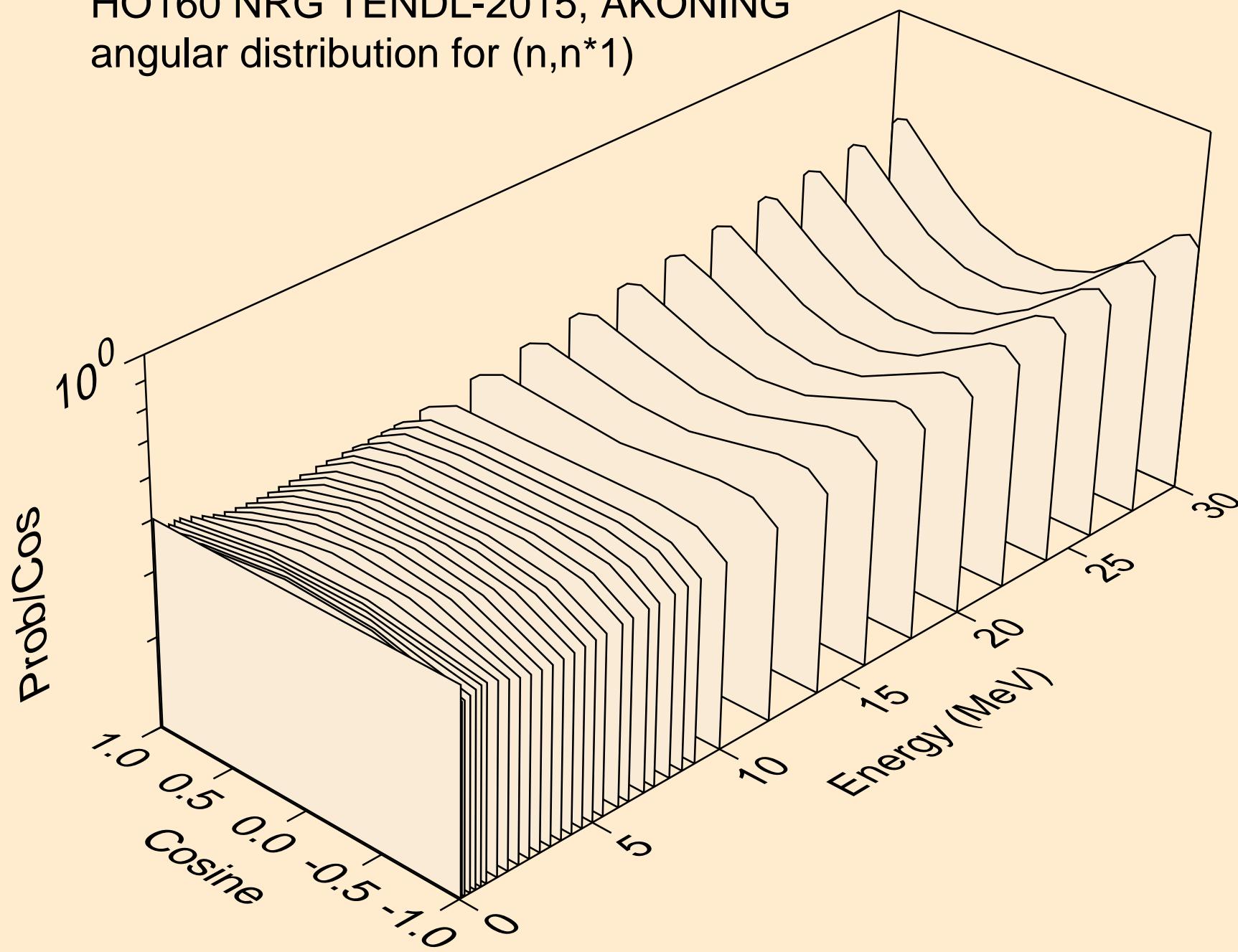
HO160 NRG TENDL-2015, AKONING  
angular distribution for elastic



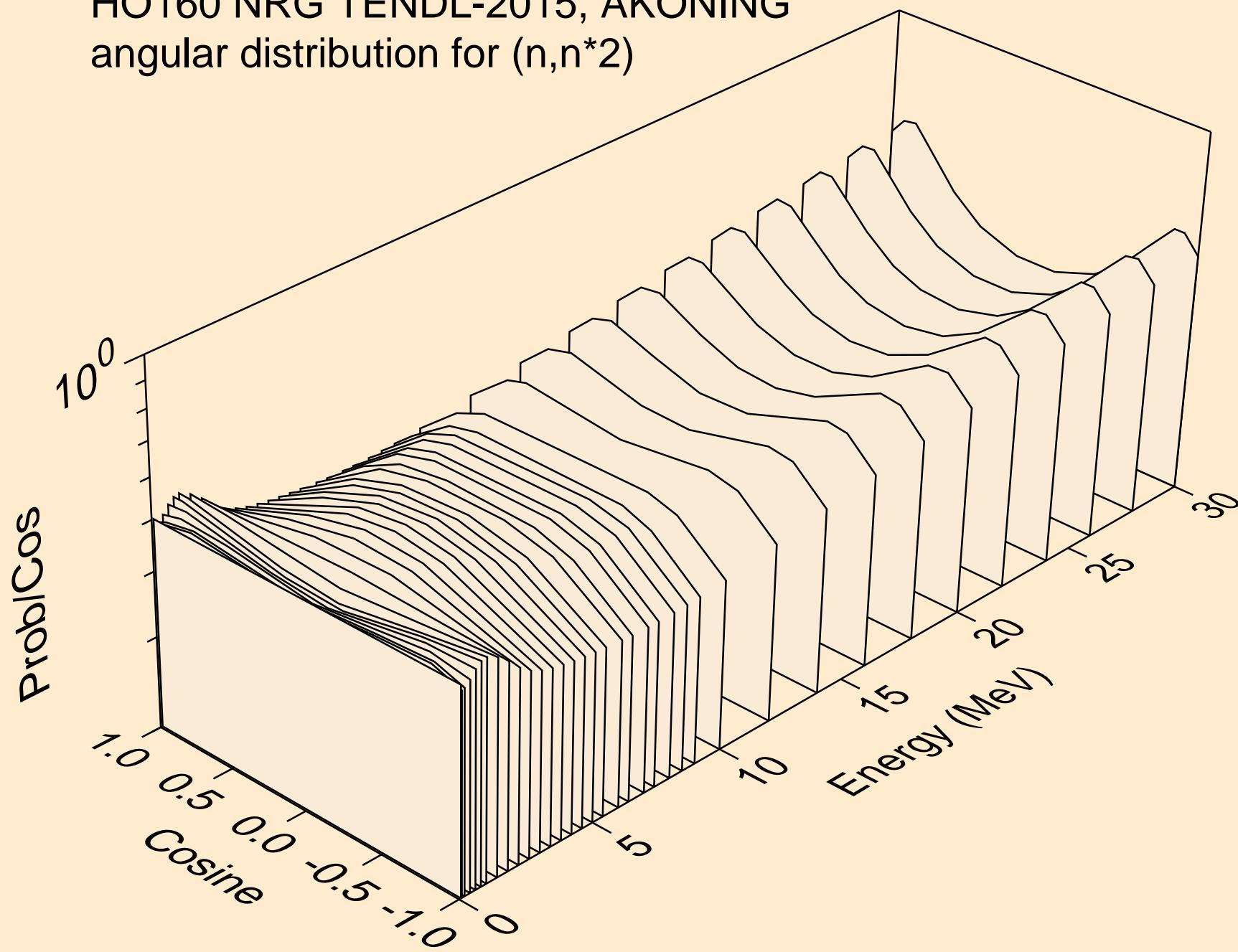
HO160 NRG TENDL-2015, AKONING  
angular distribution for elastic



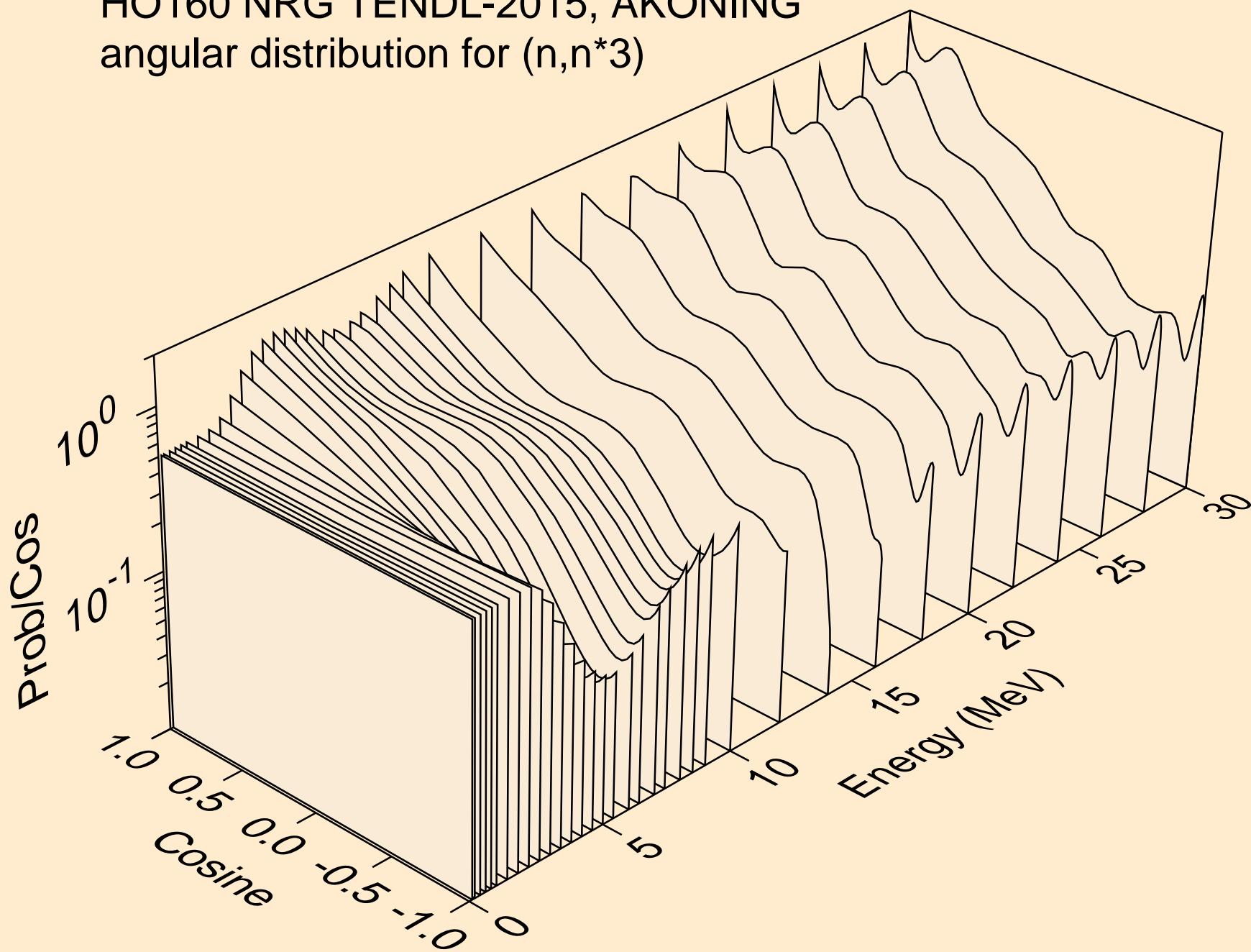
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



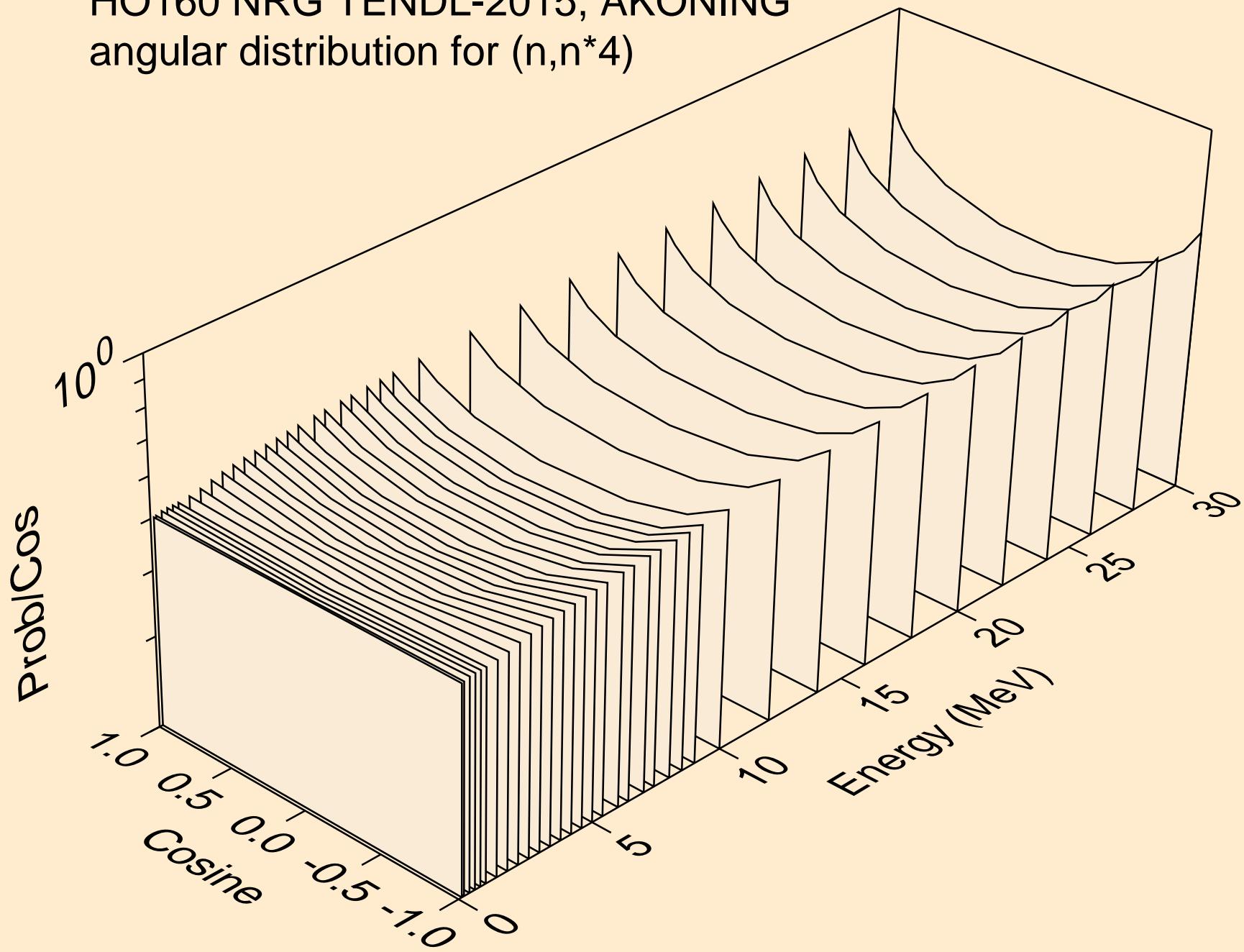
HO160 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*2)$



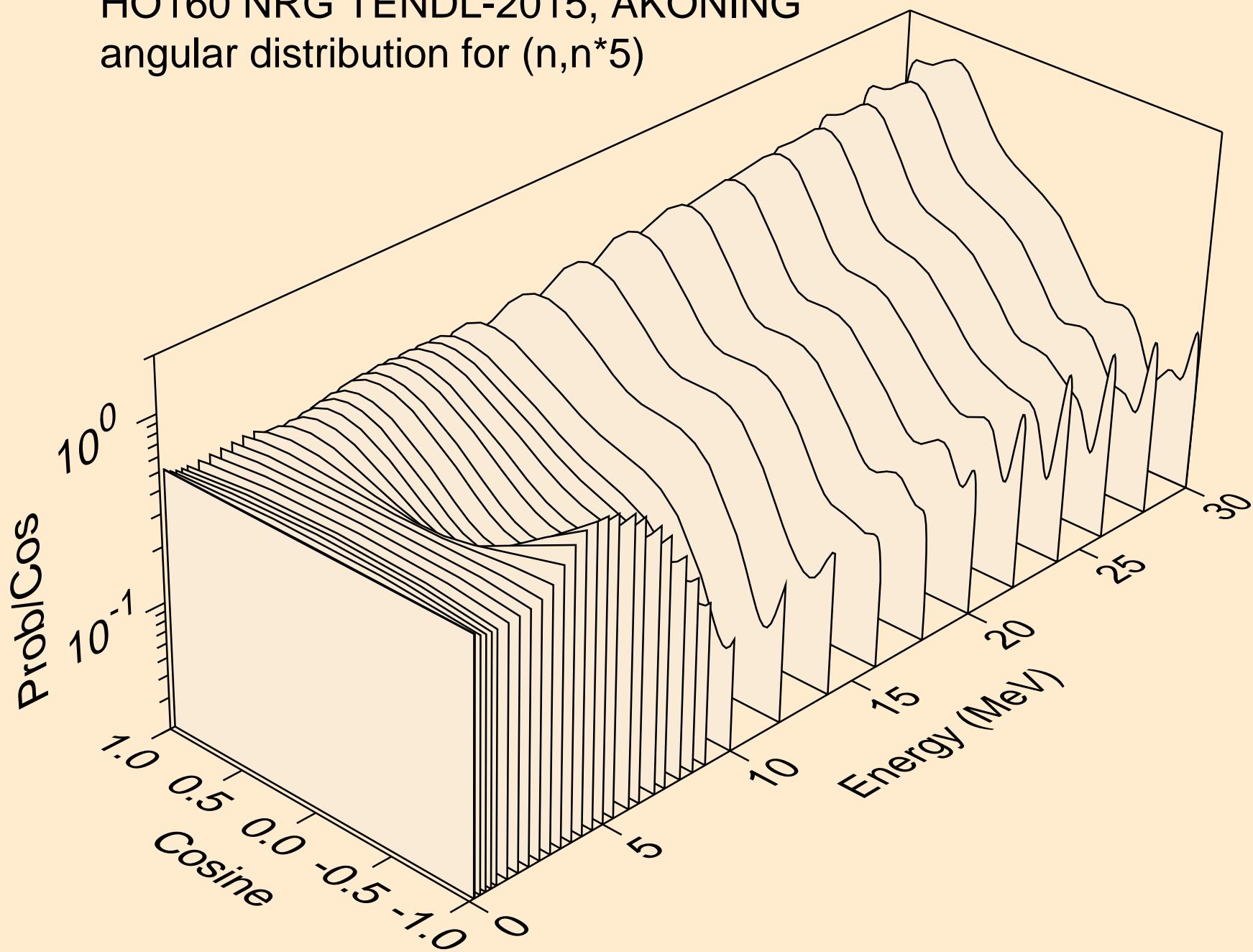
HO160 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



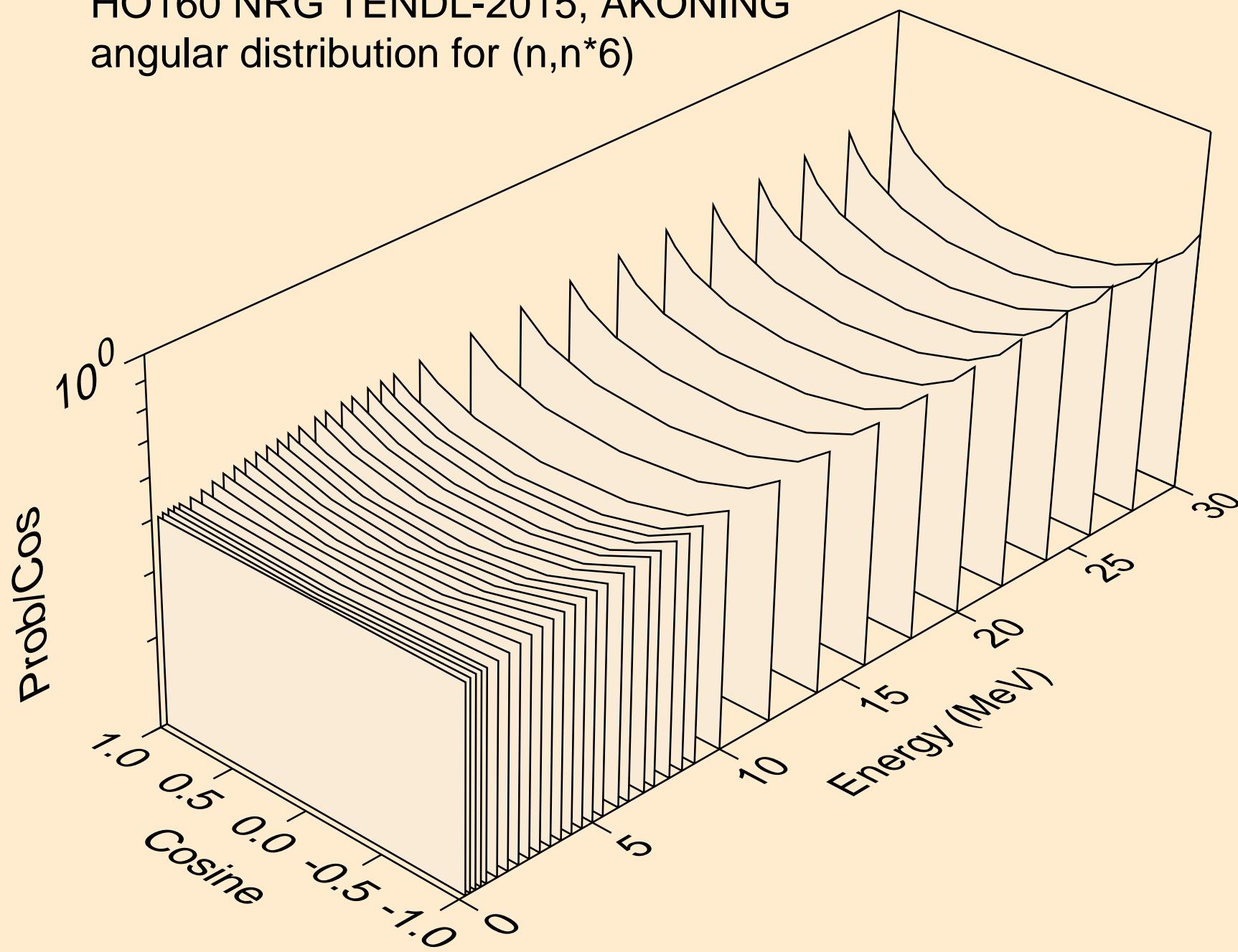
HO160 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)4$



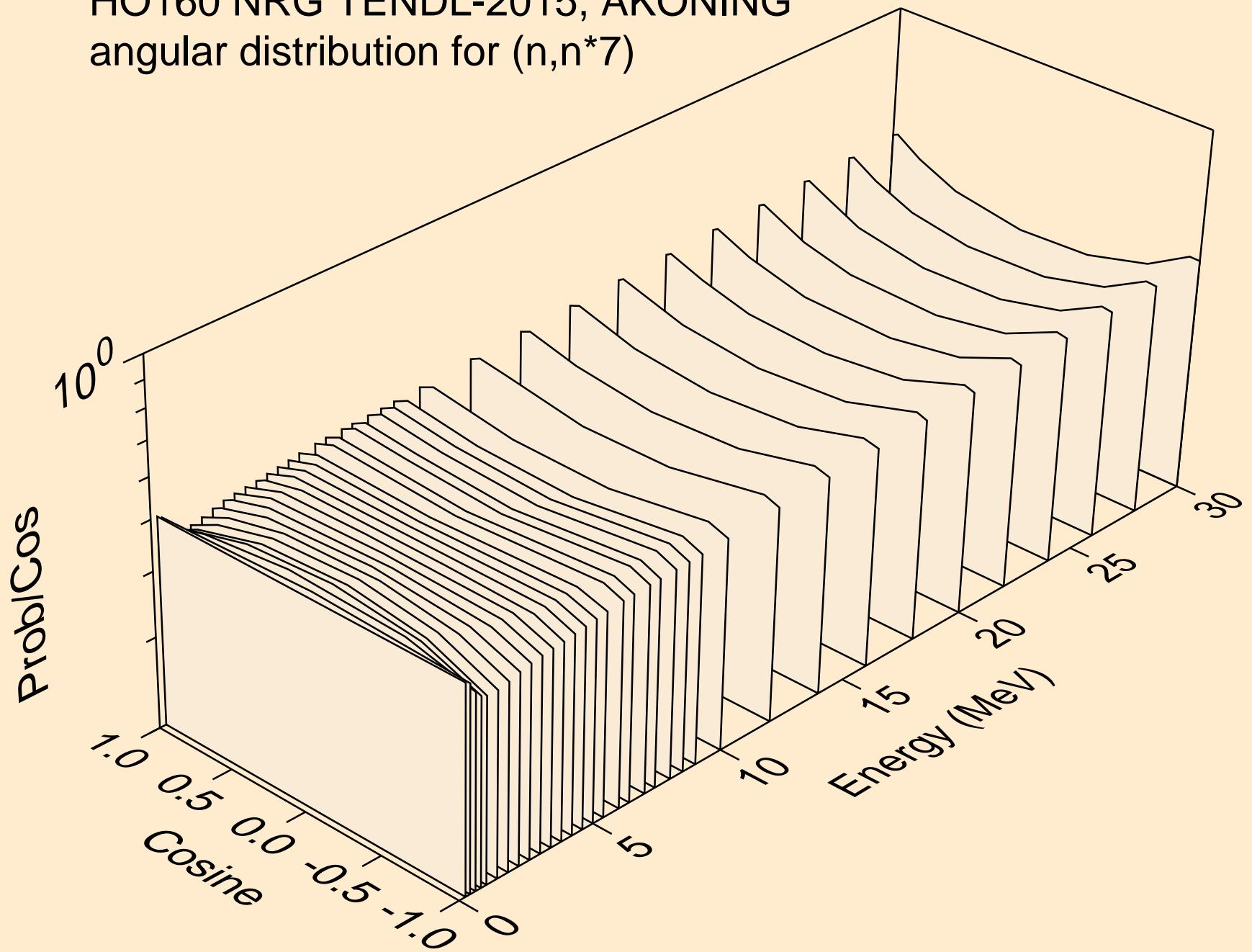
HO160 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



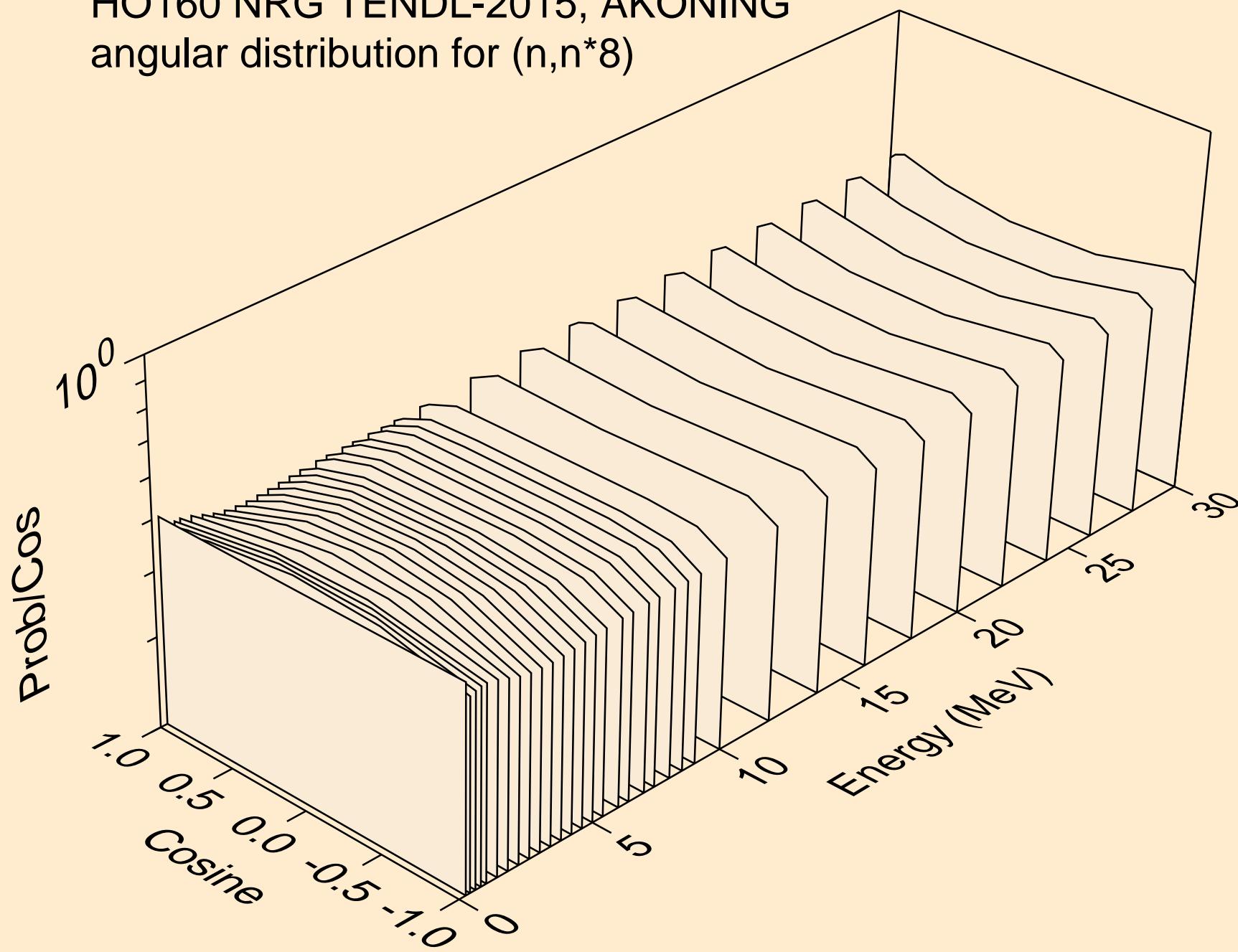
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



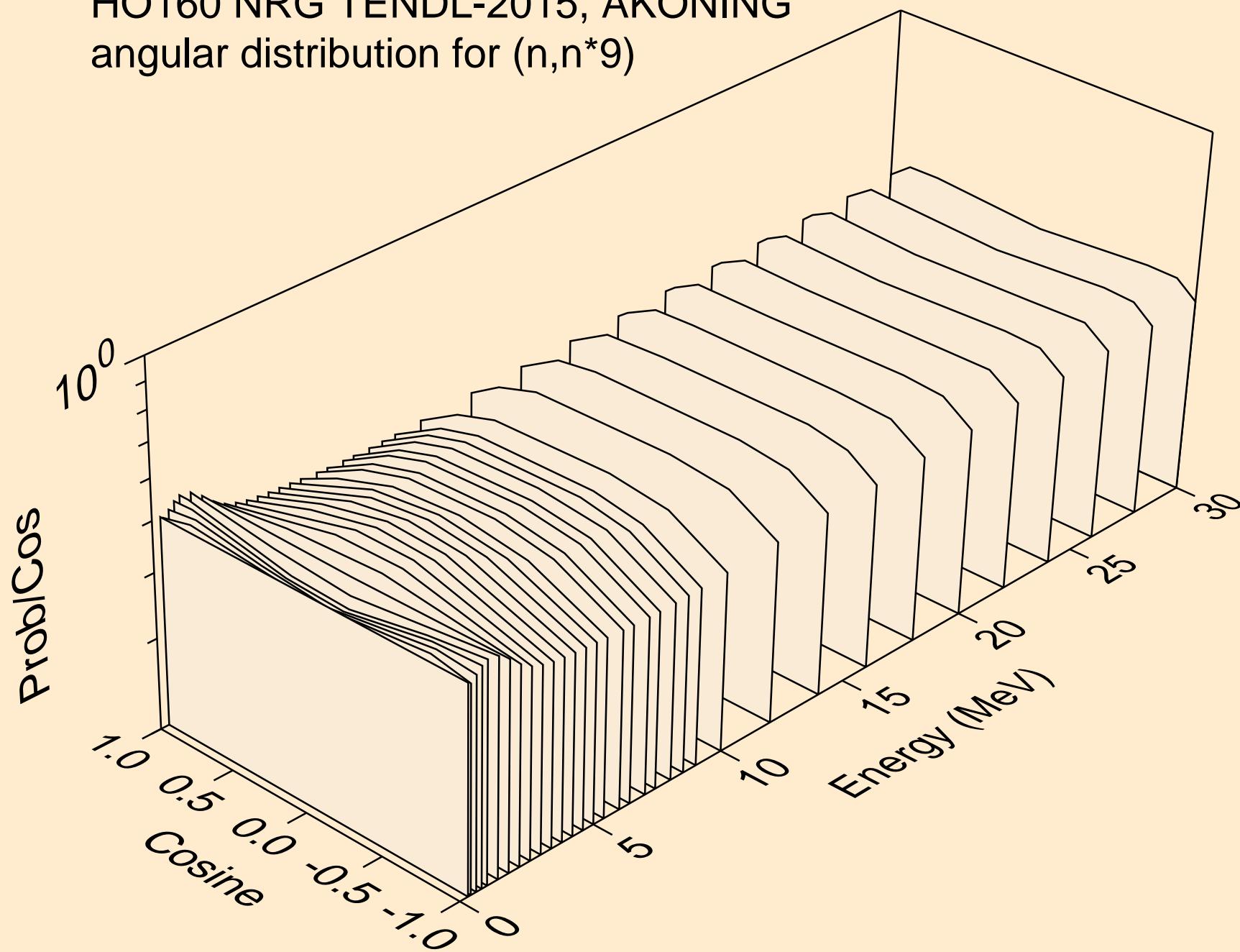
HO160 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



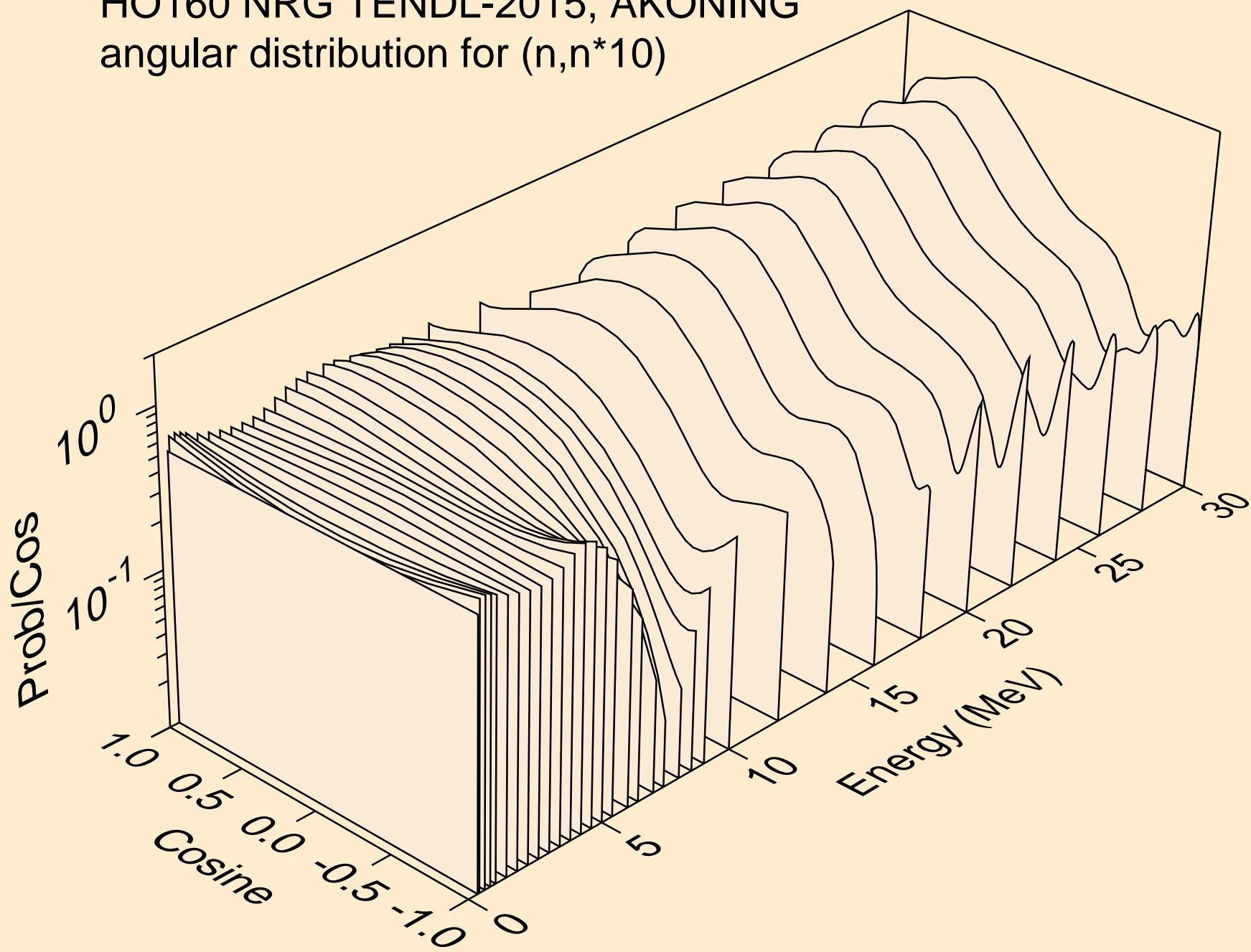
HO160 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



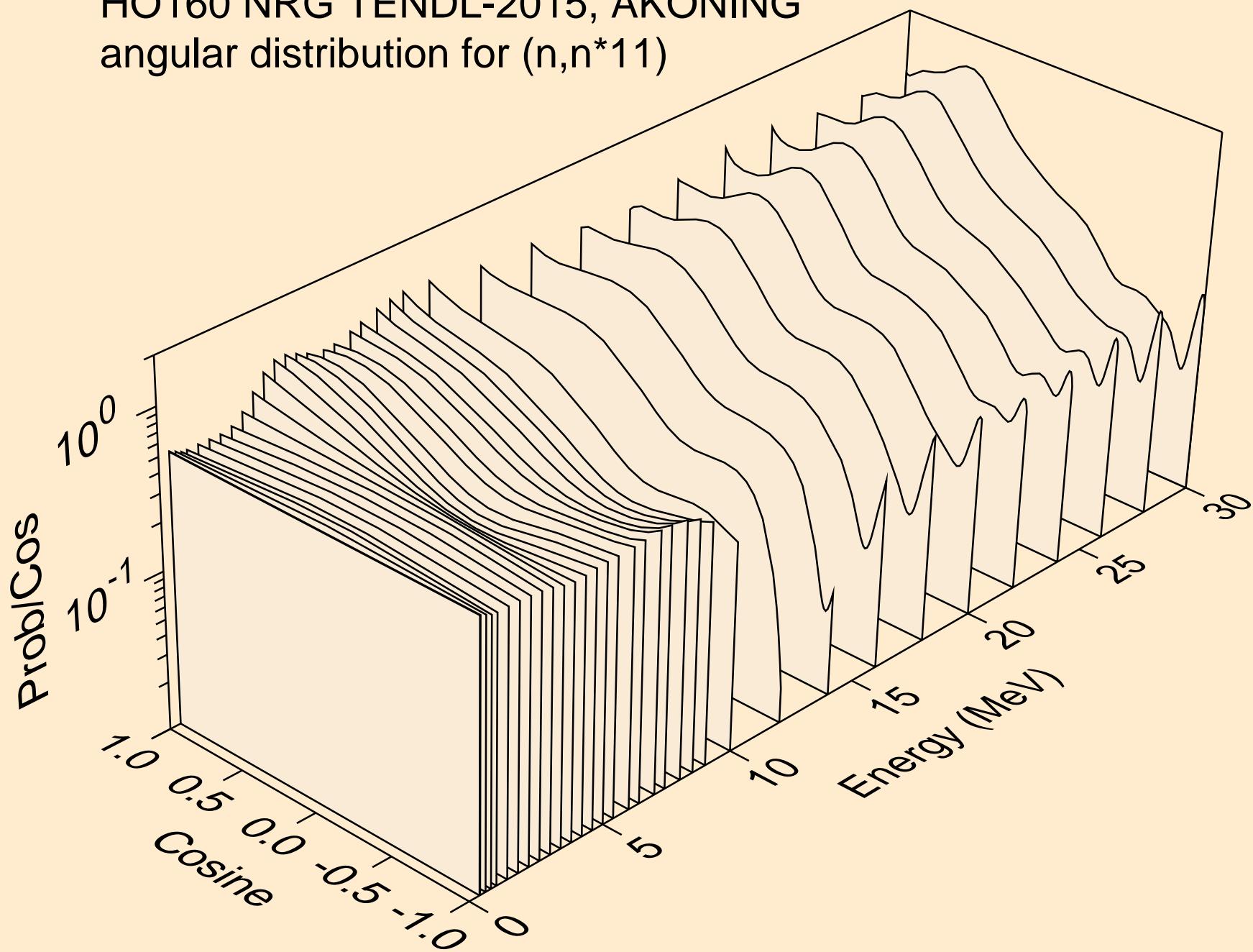
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



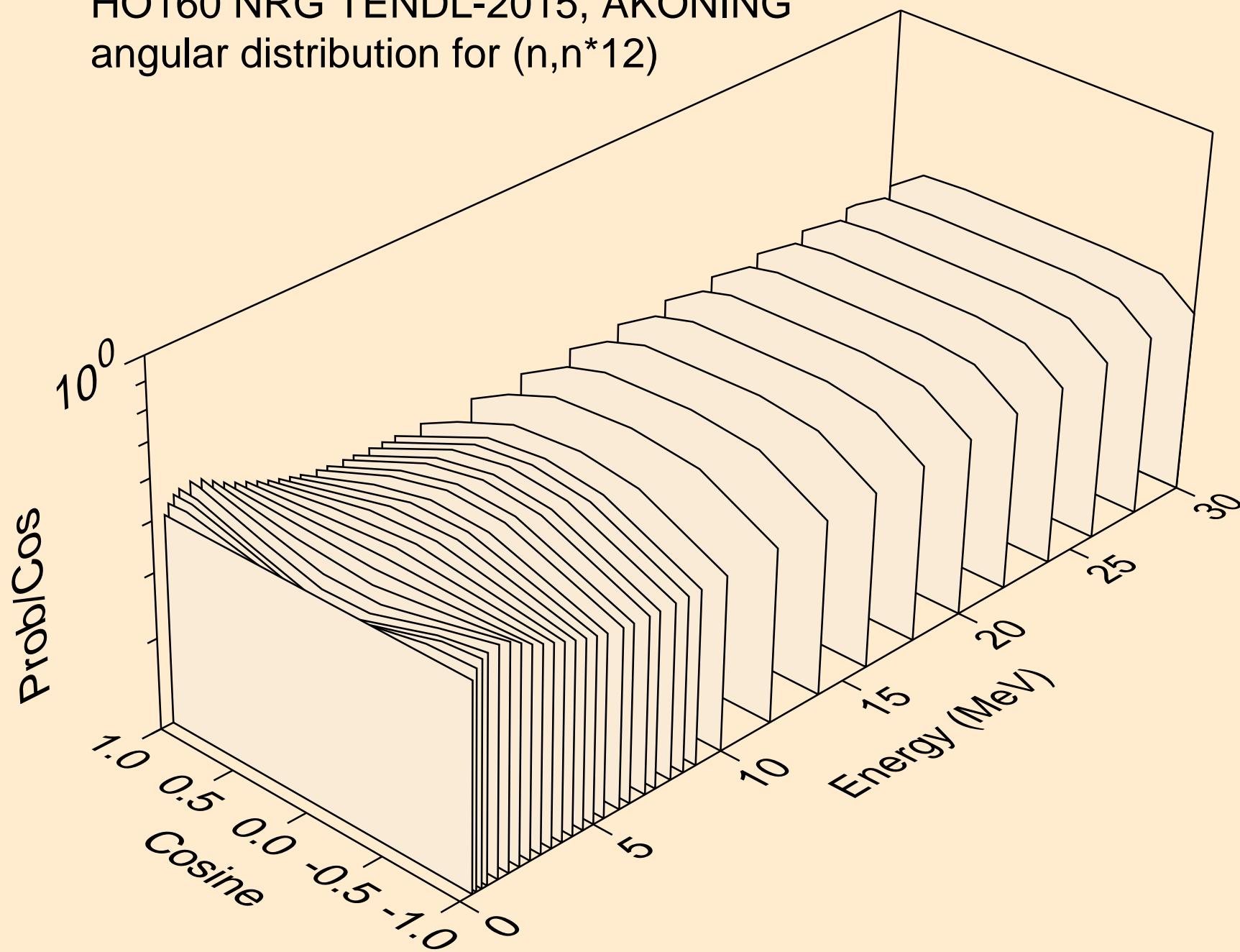
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



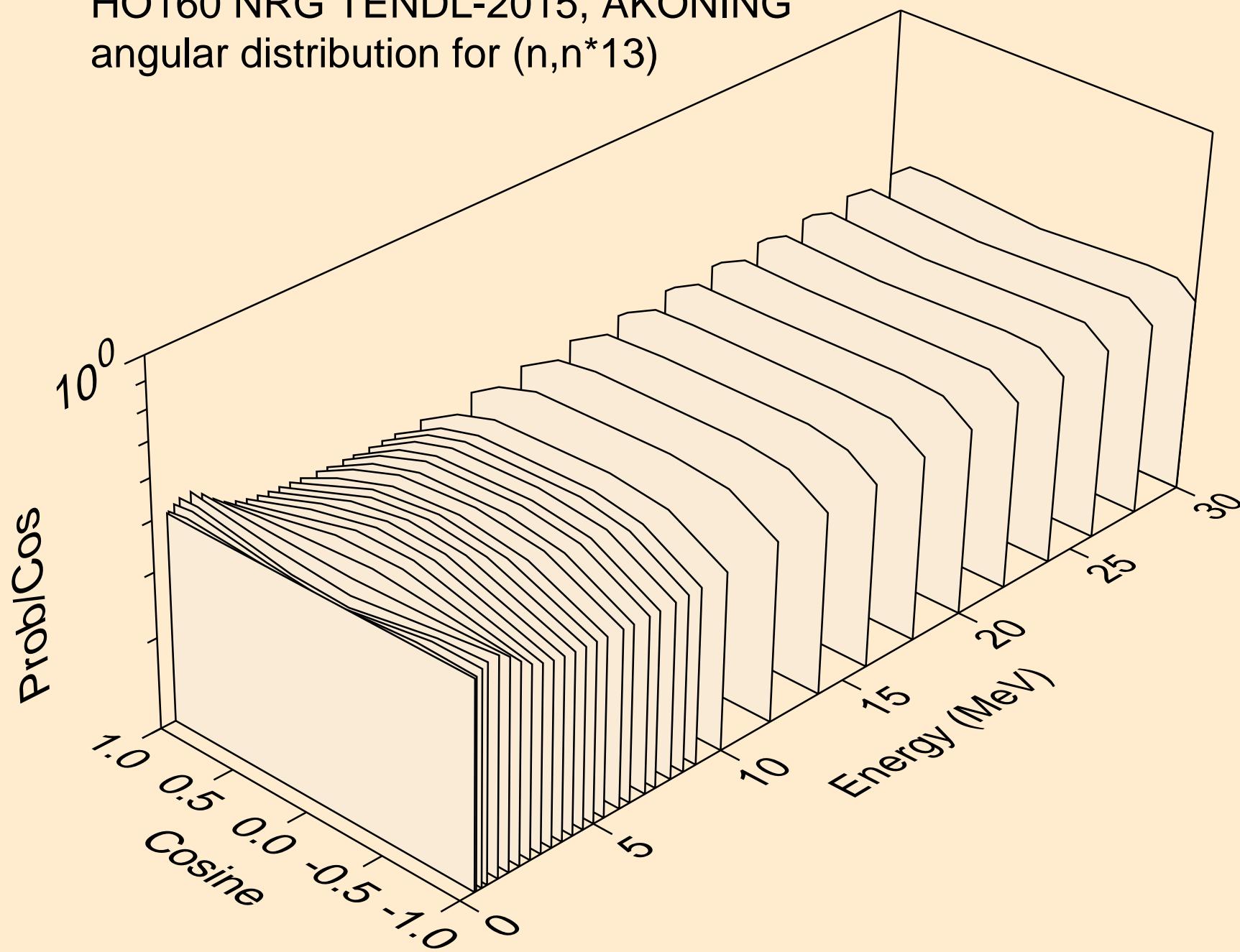
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



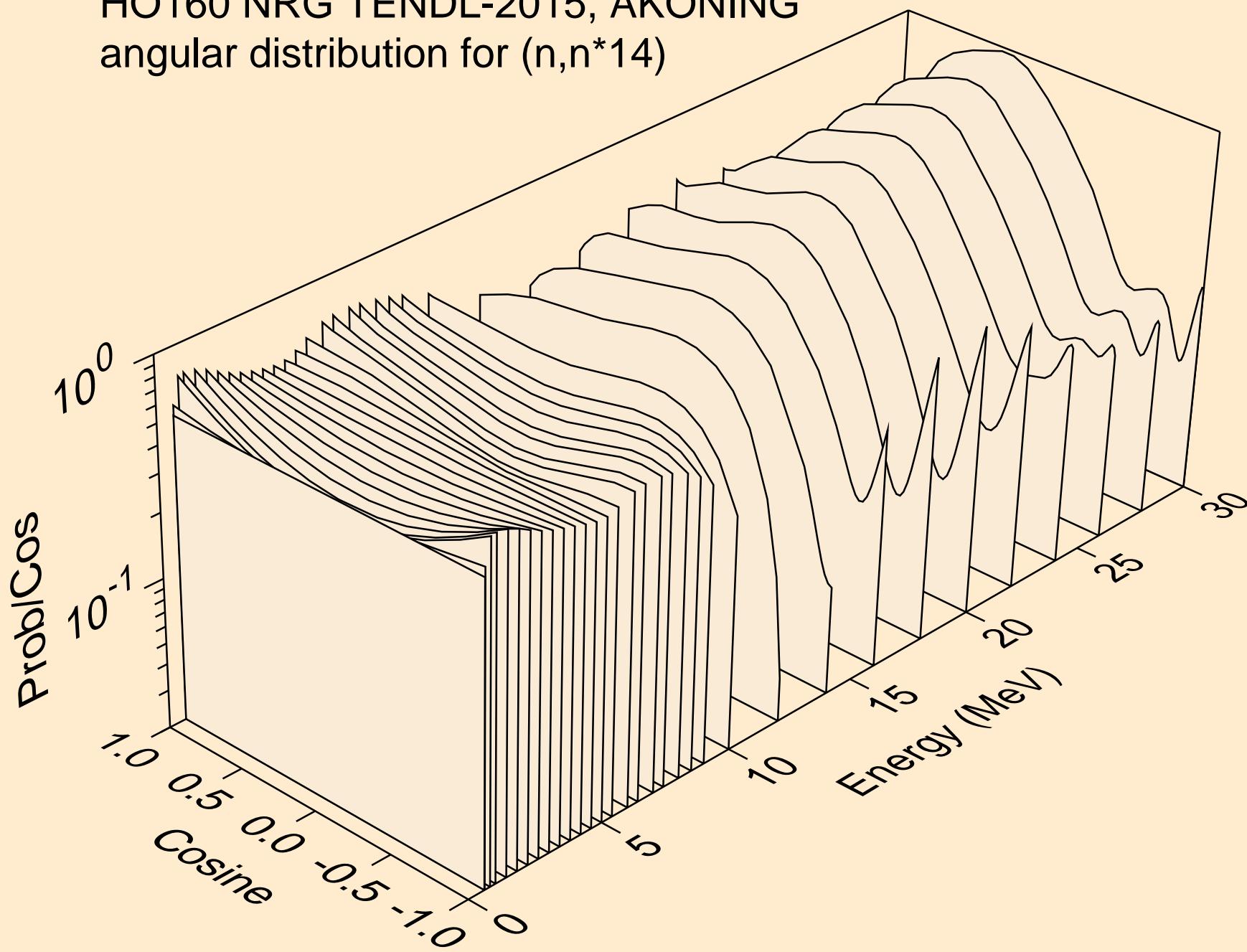
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



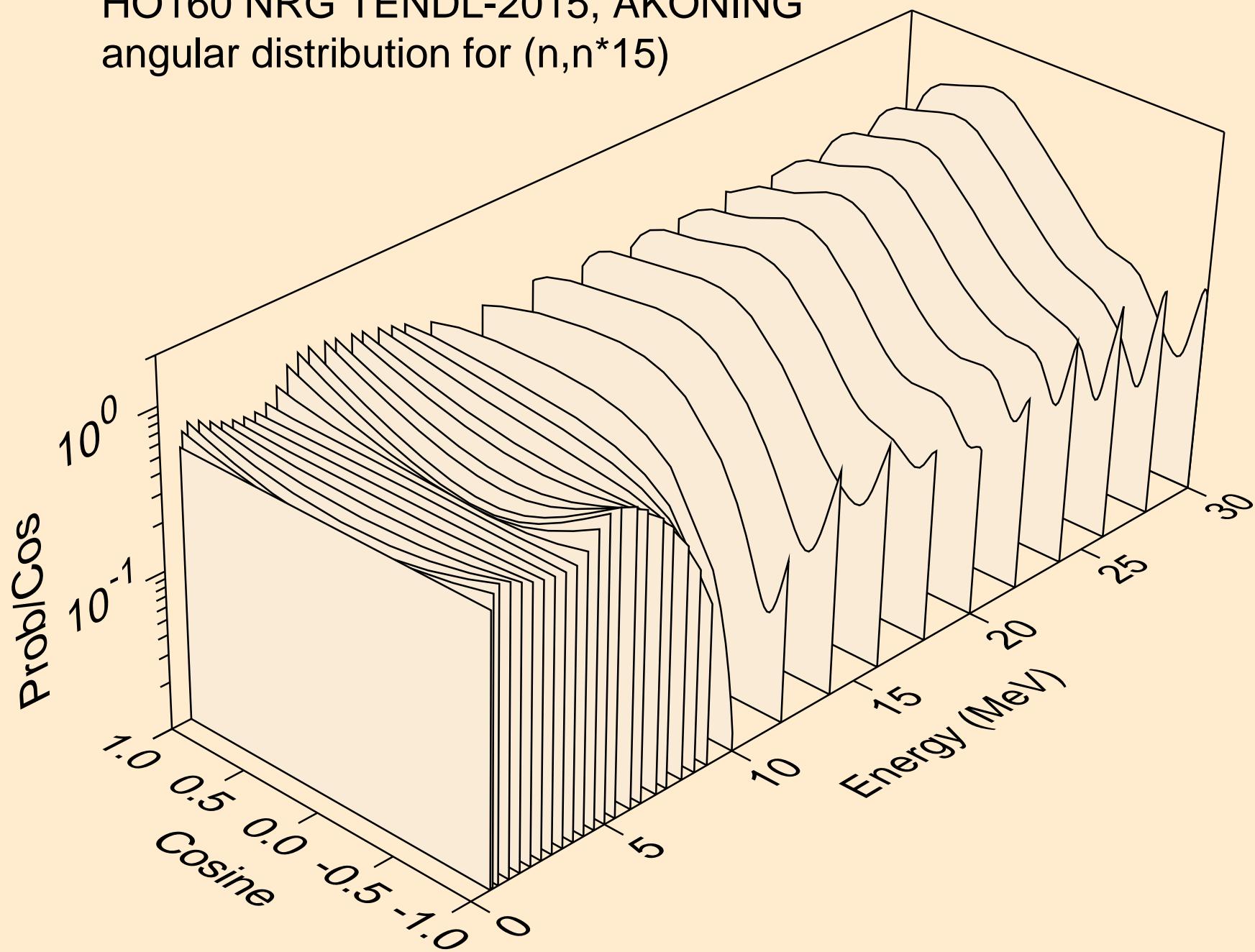
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



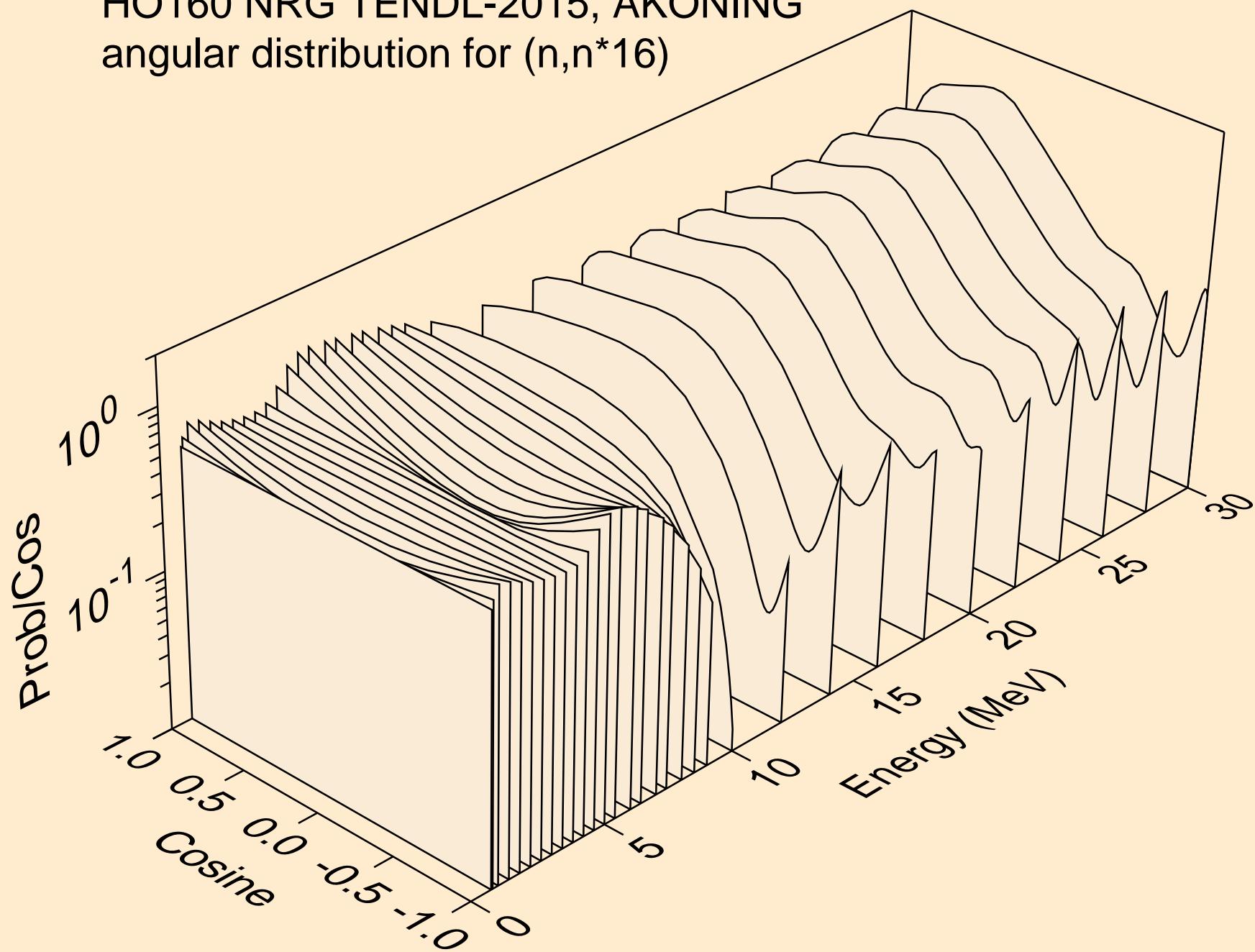
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



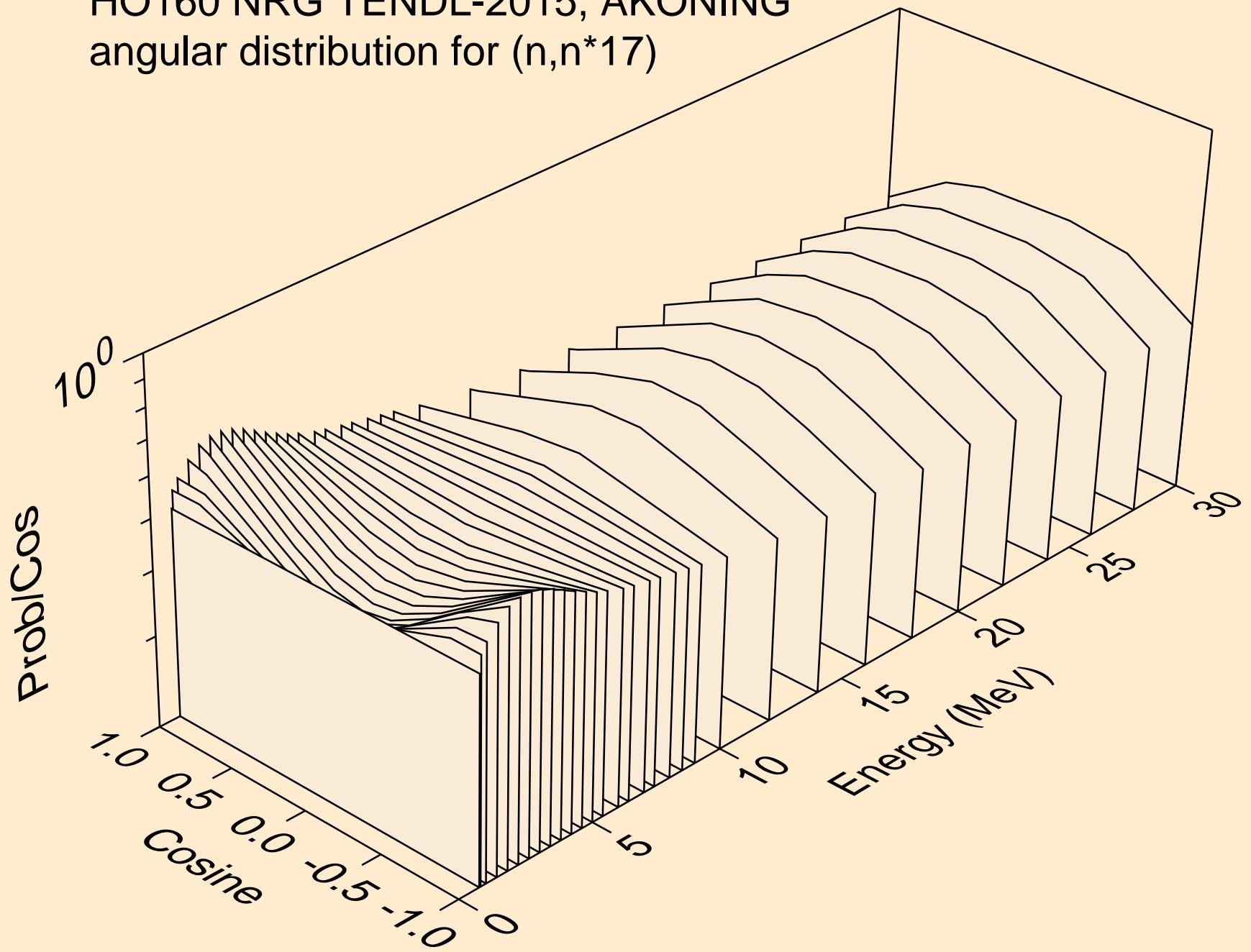
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



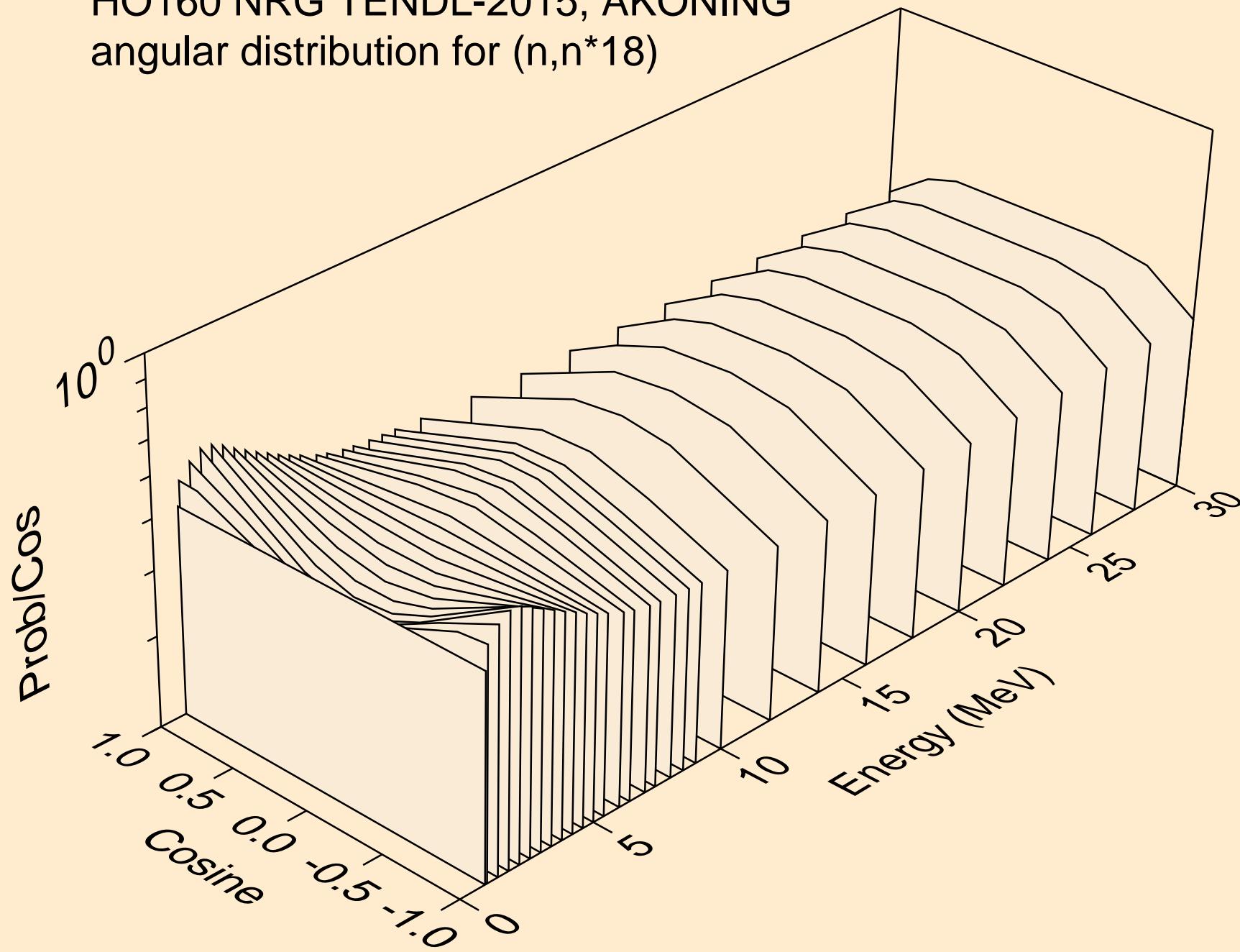
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



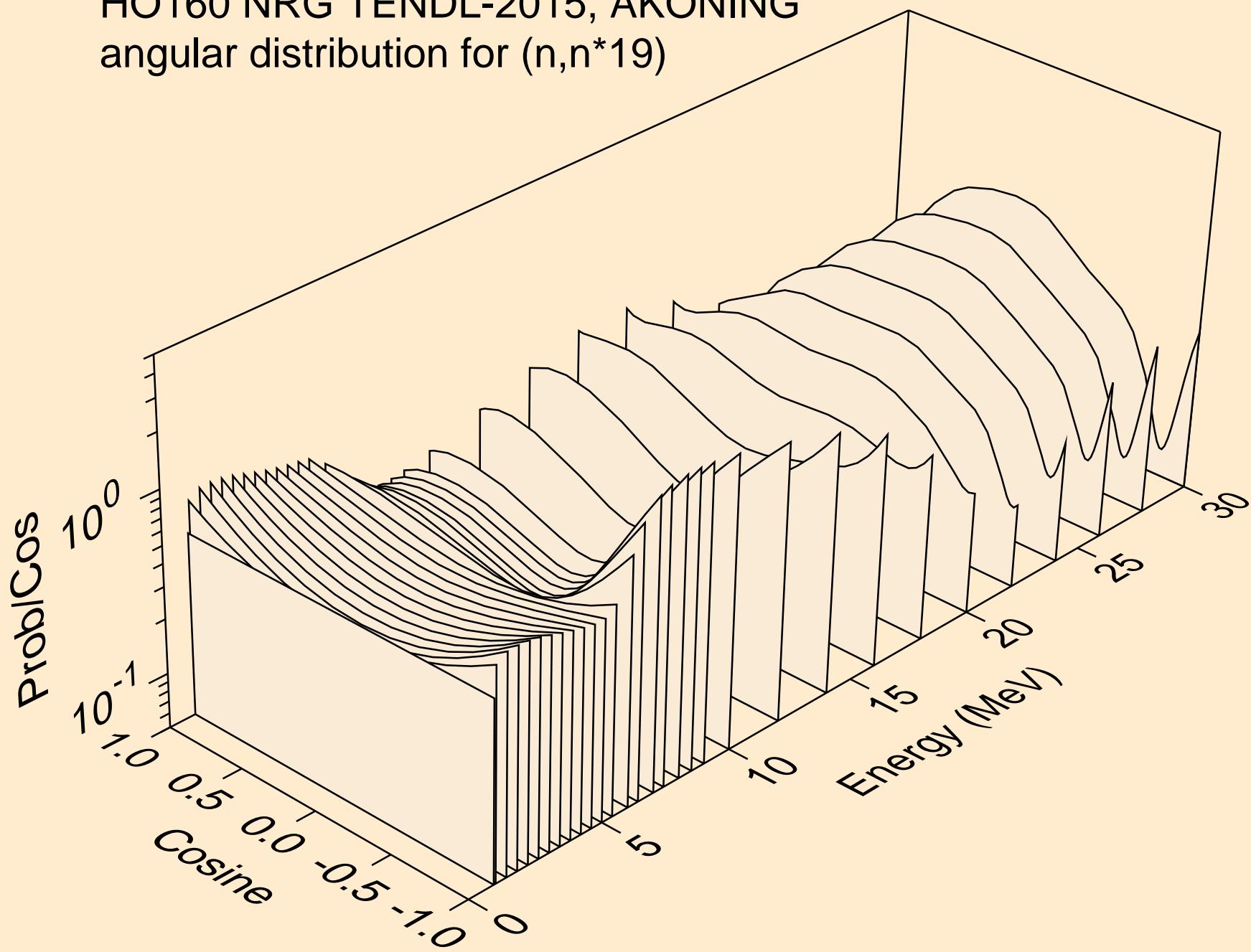
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



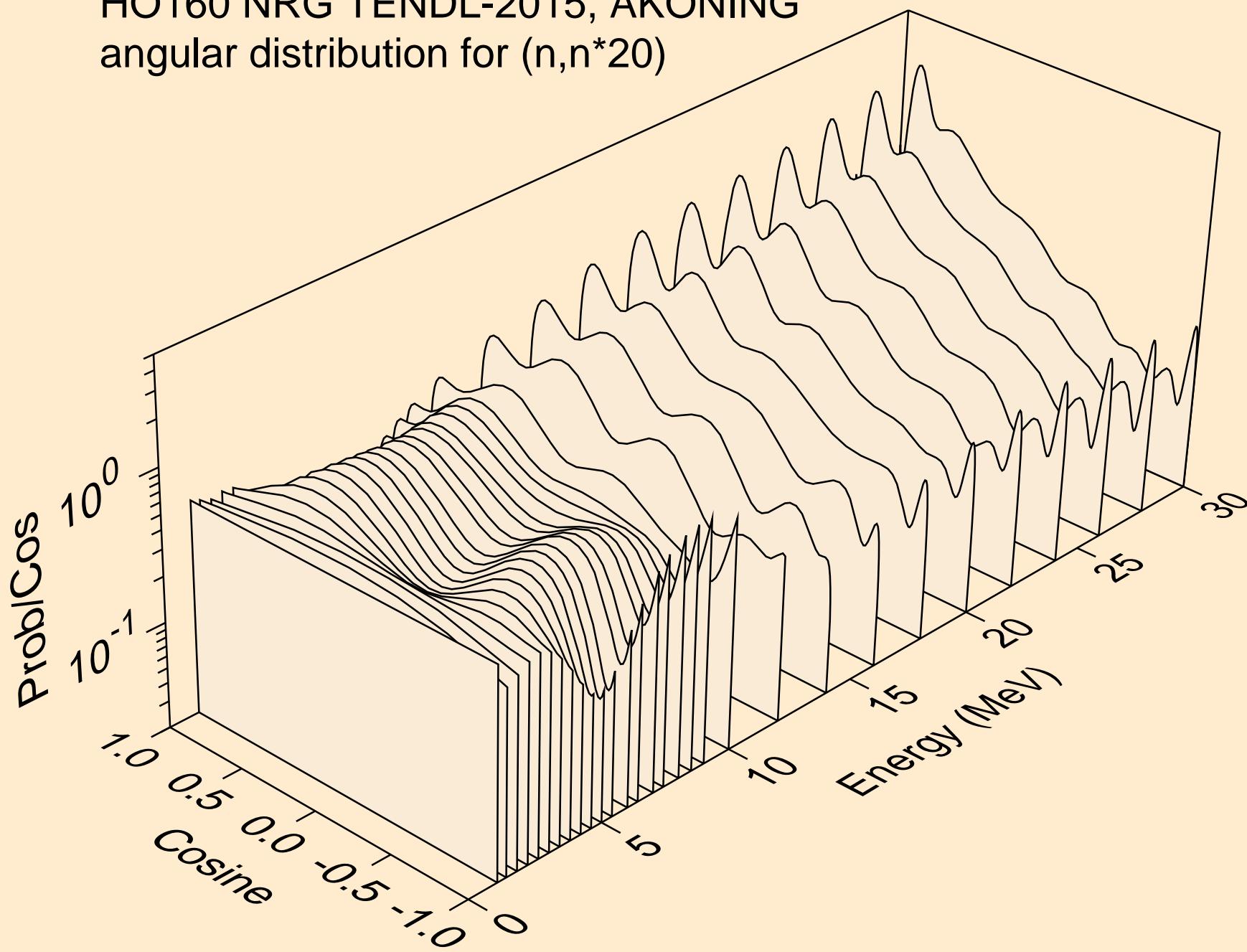
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



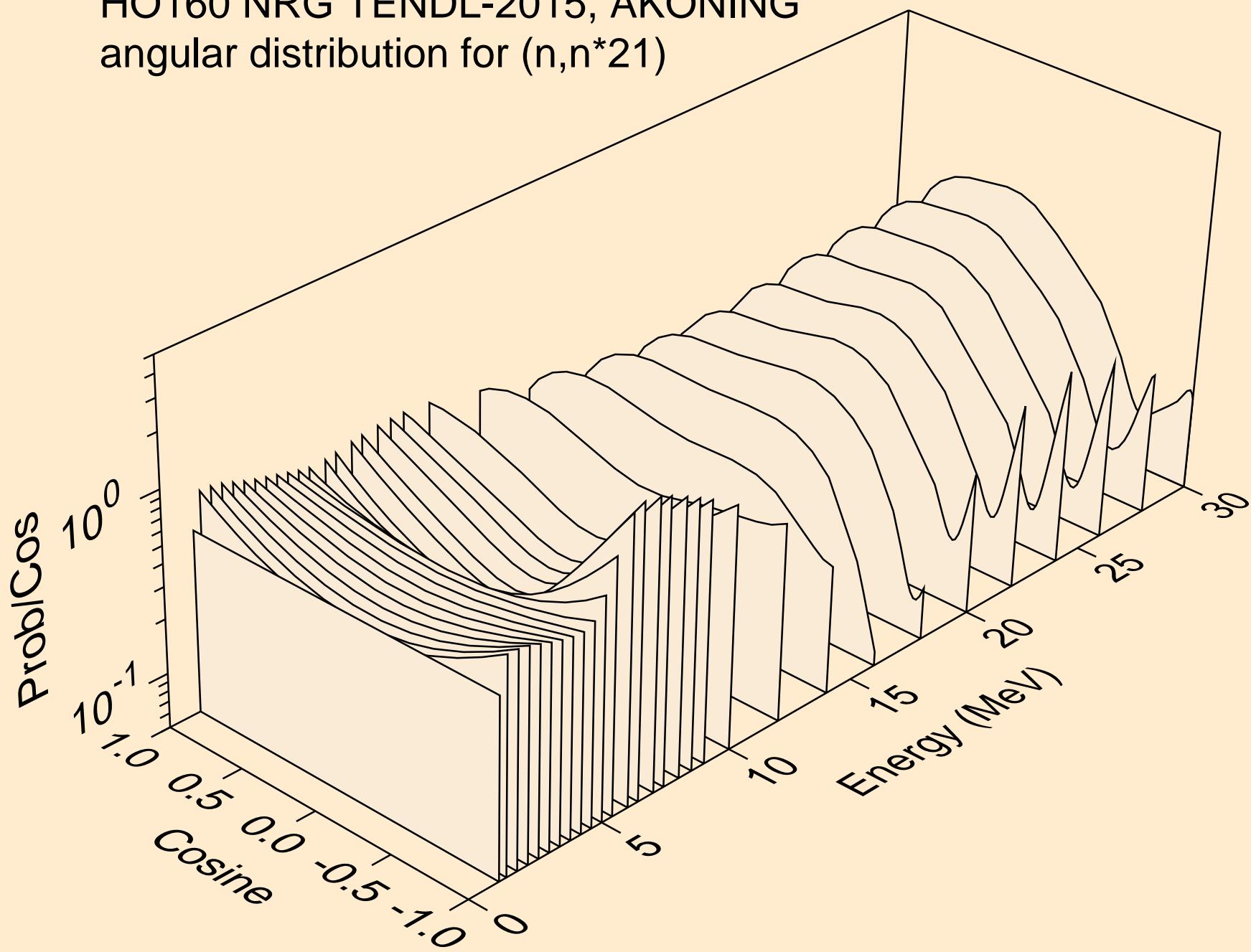
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angular distribution for (n,n\*19)



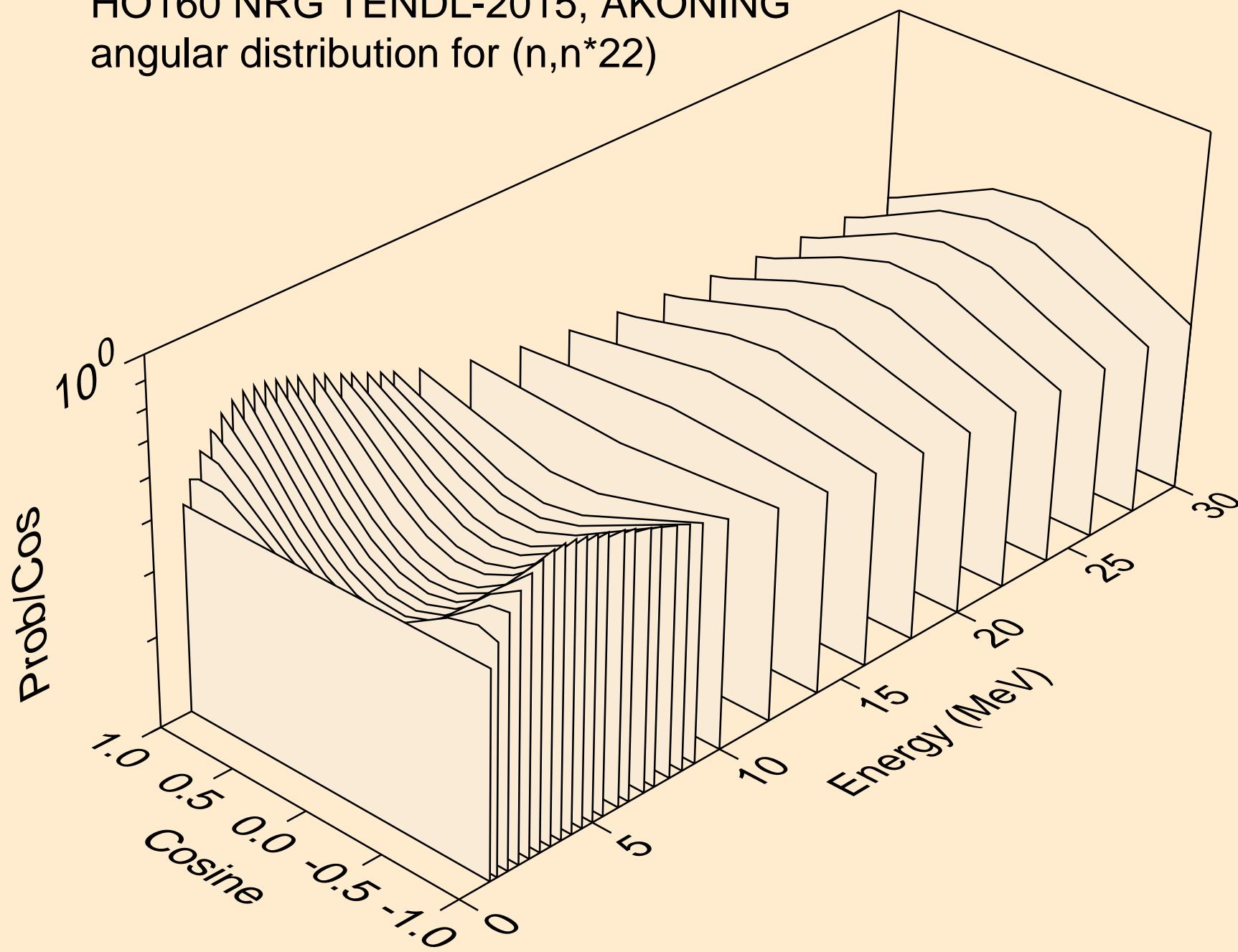
HO160 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{20}$



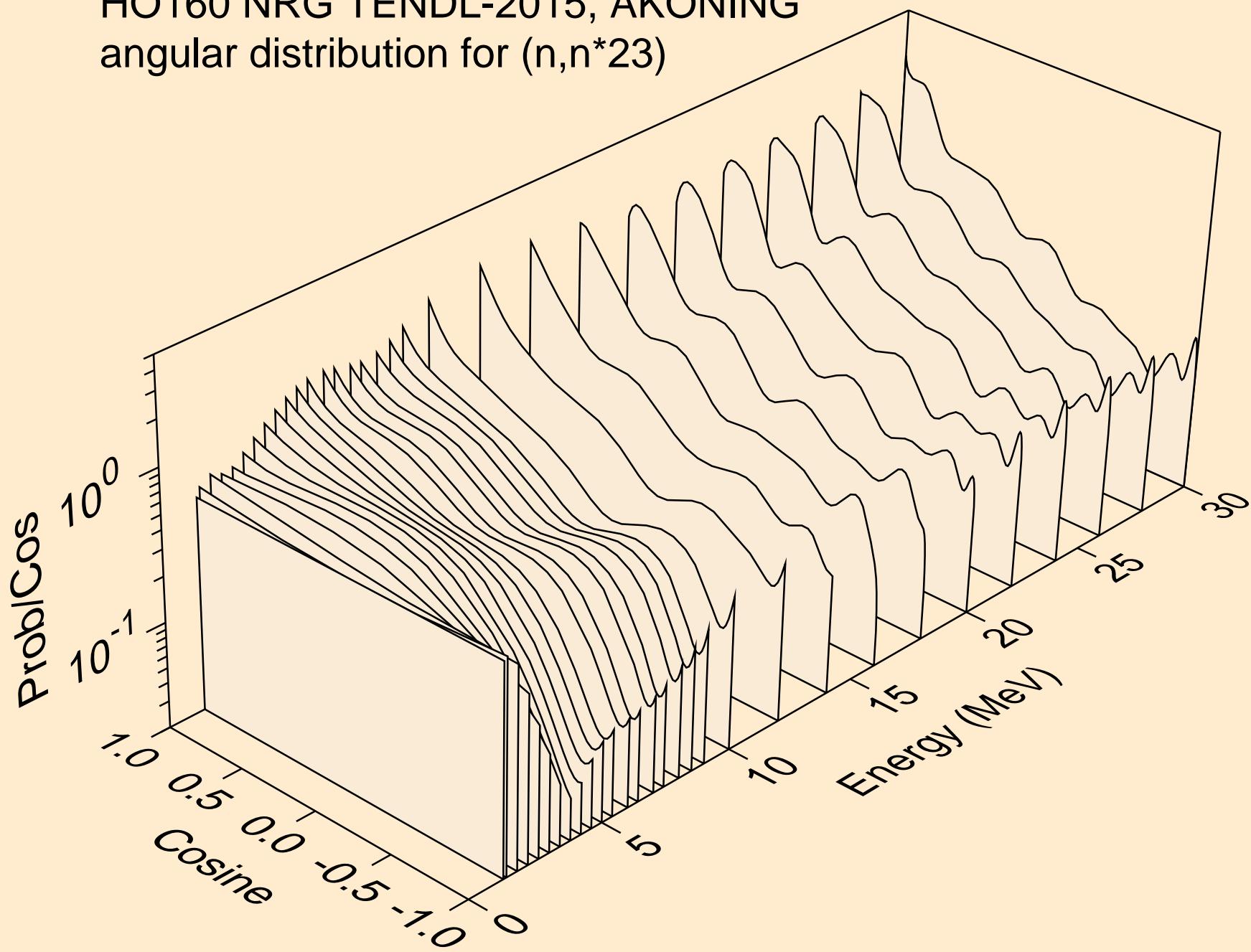
HO160 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*21$ )



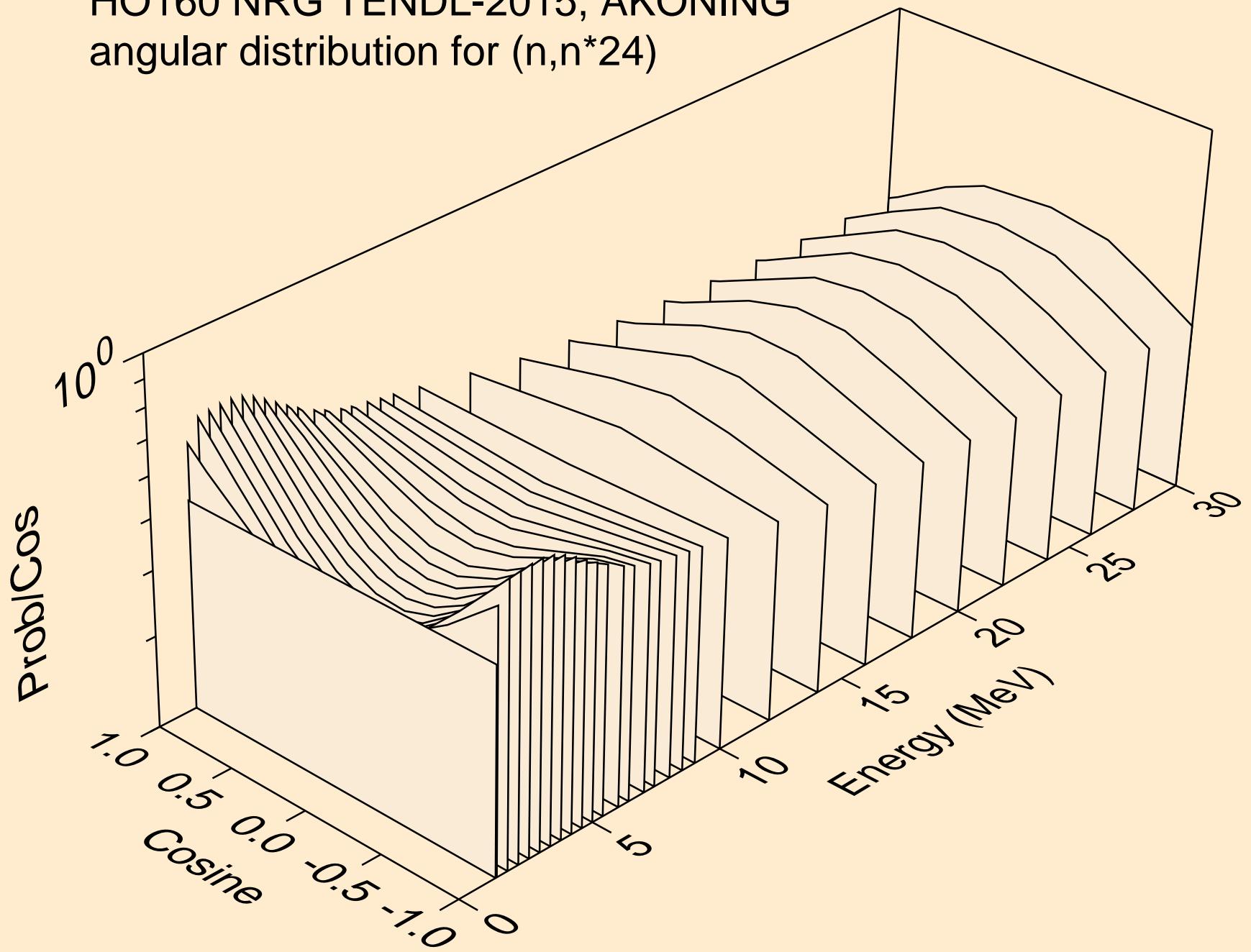
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angular distribution for (n,n\*22)



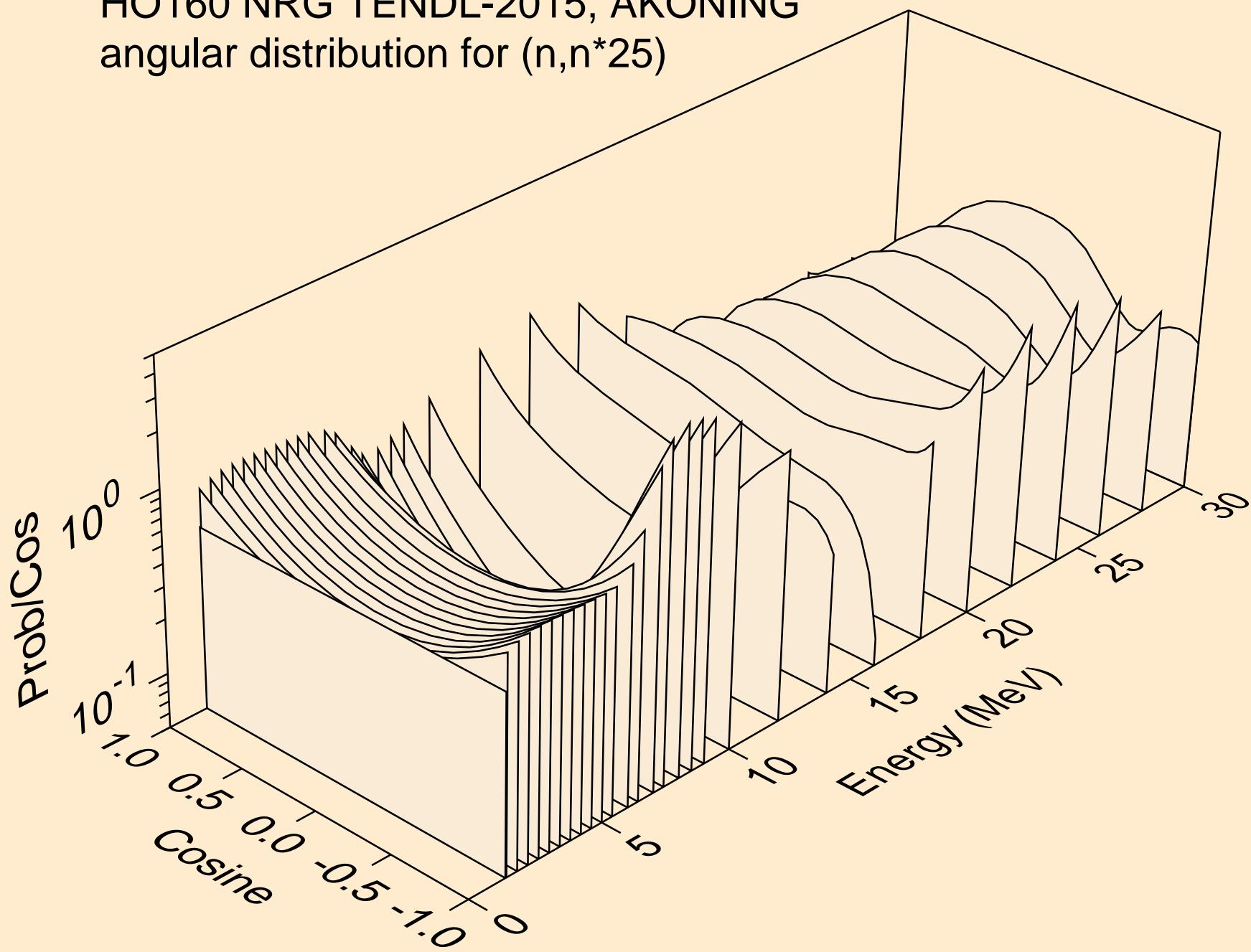
HO160 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )23



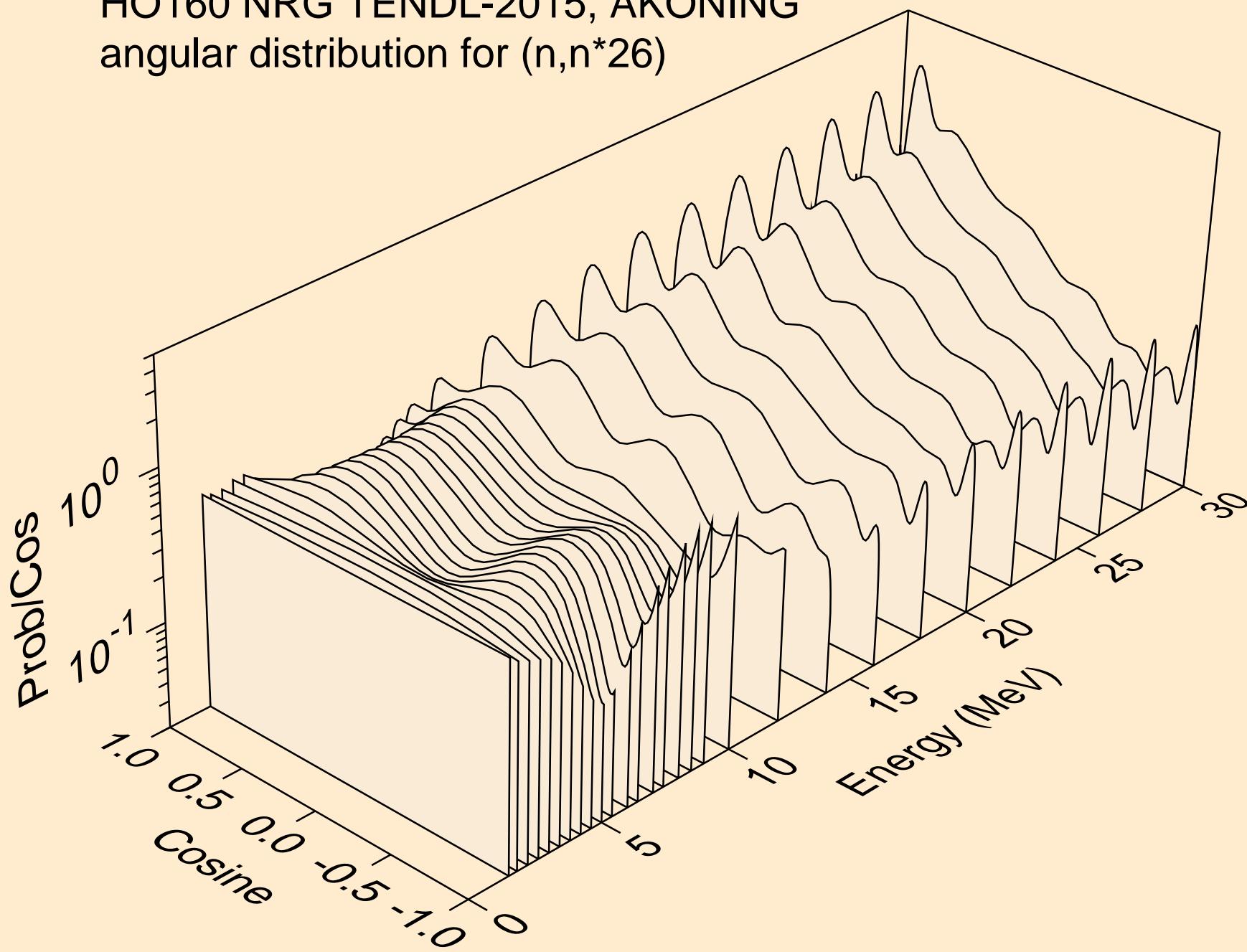
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



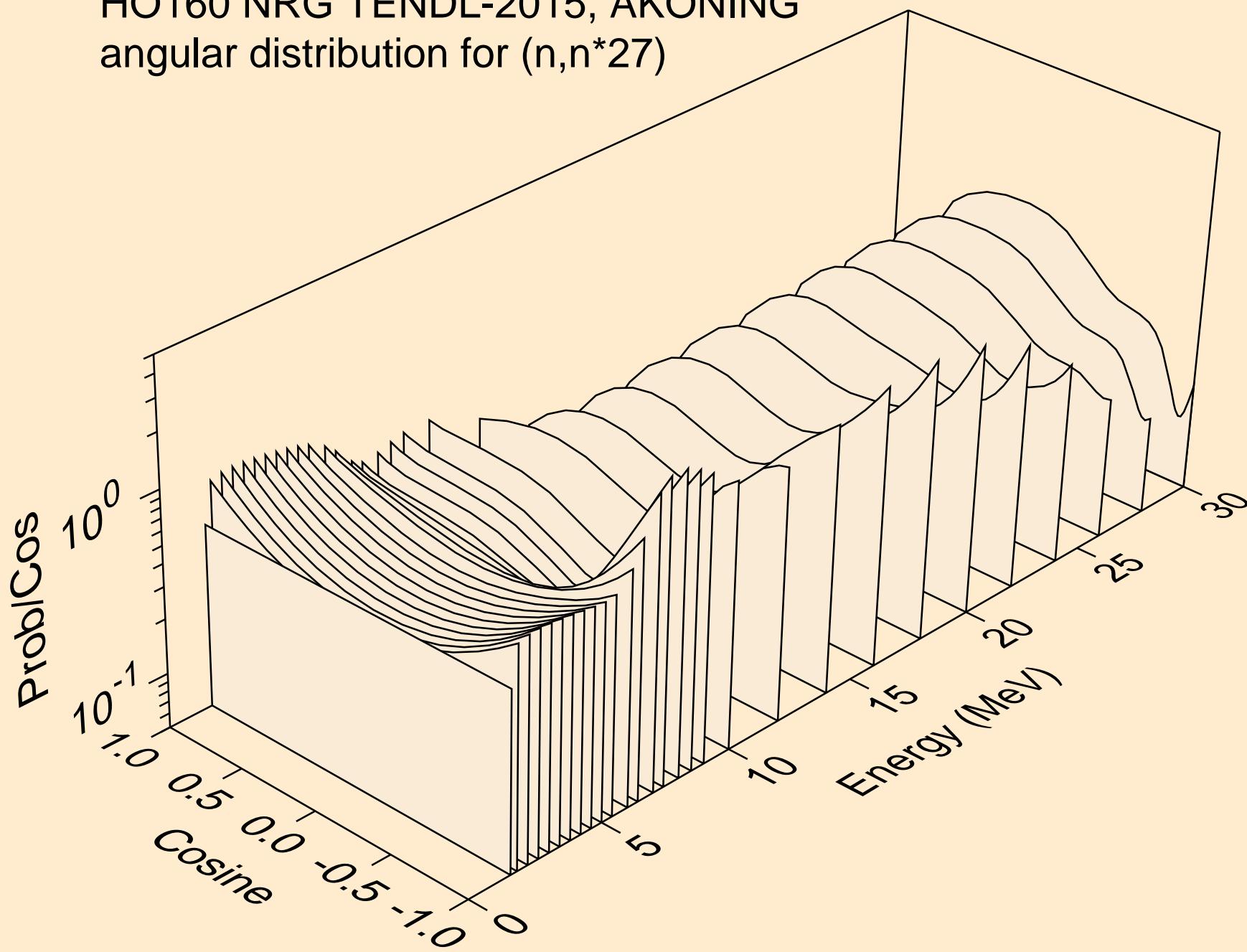
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



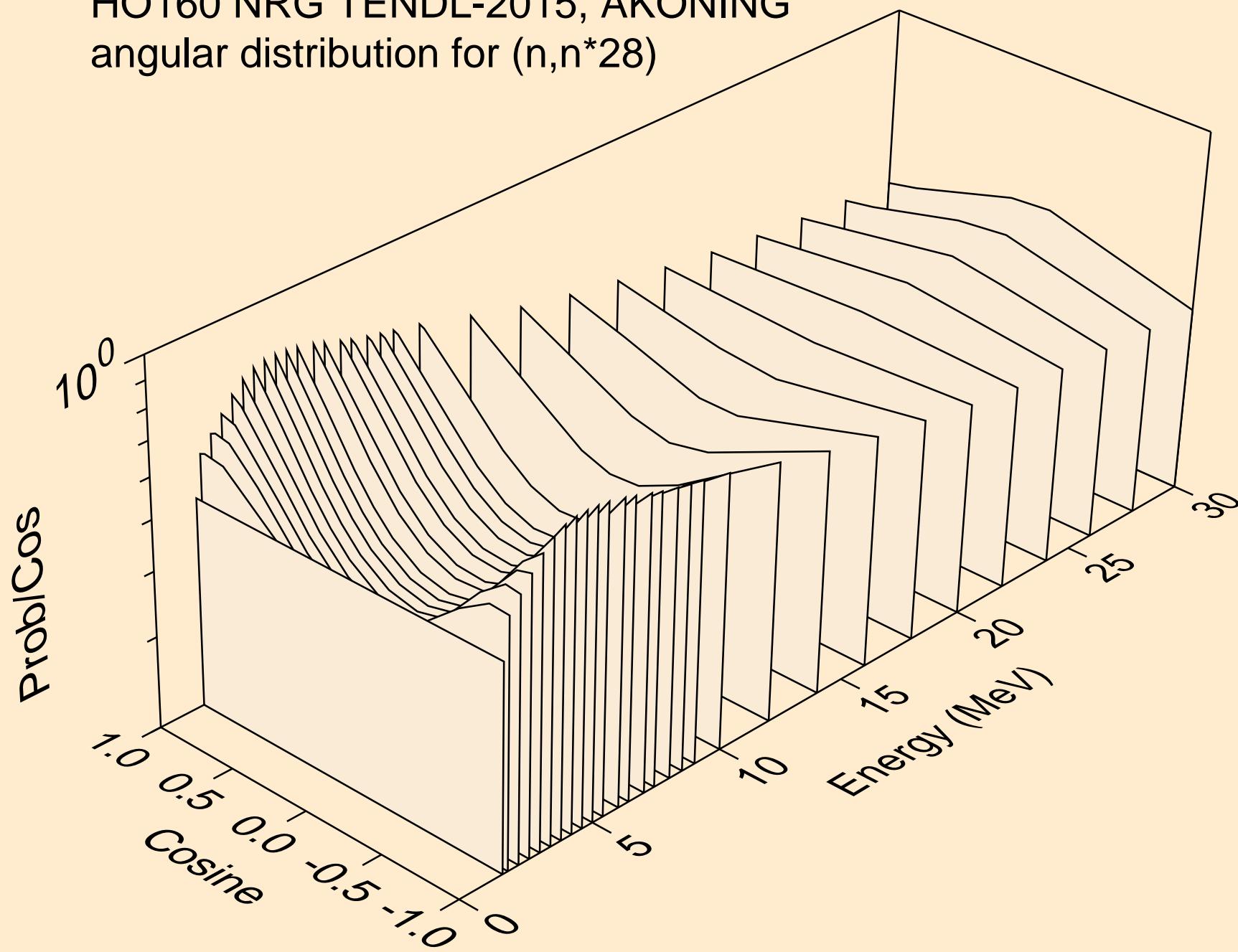
HO160 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{26}$



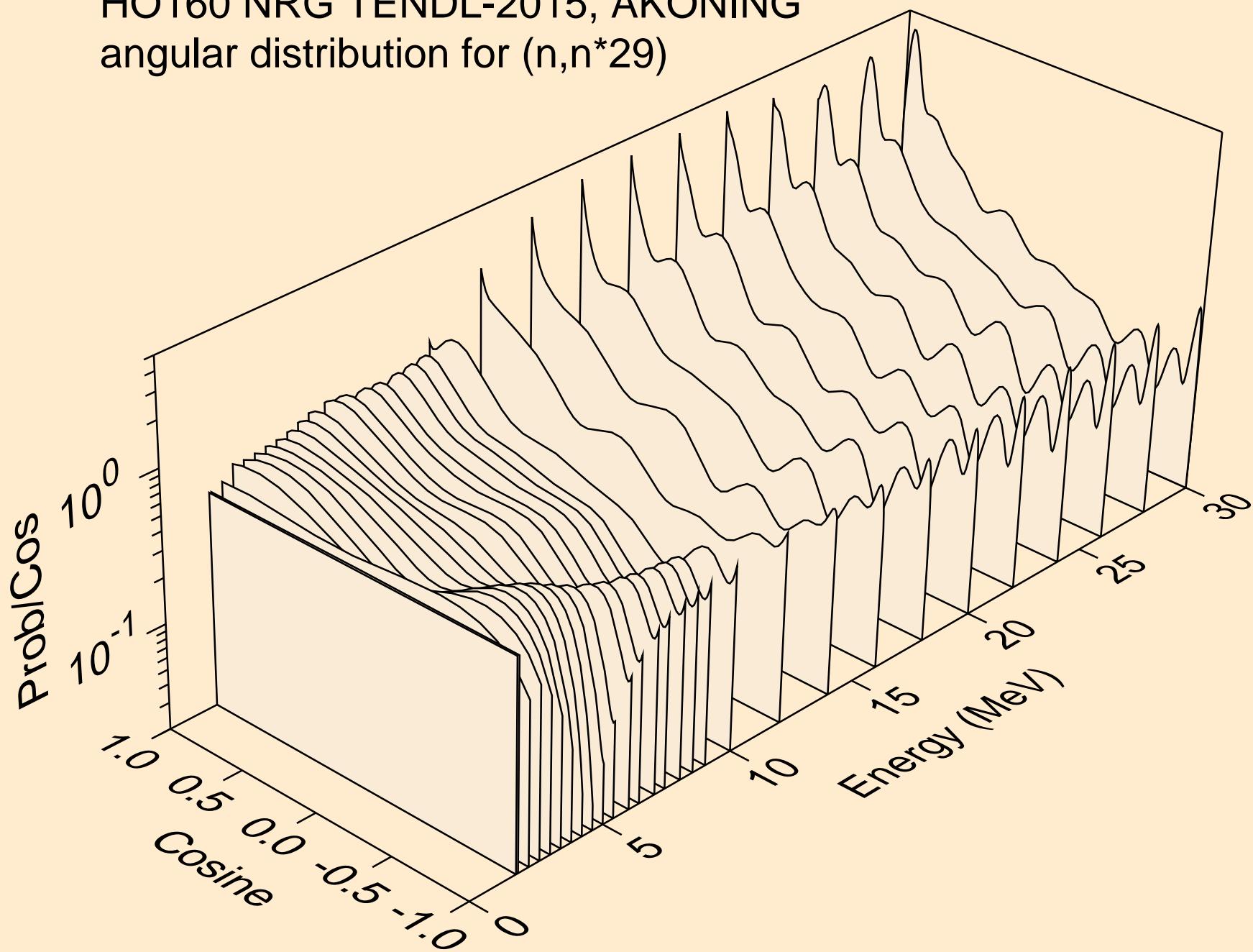
HO160 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )27



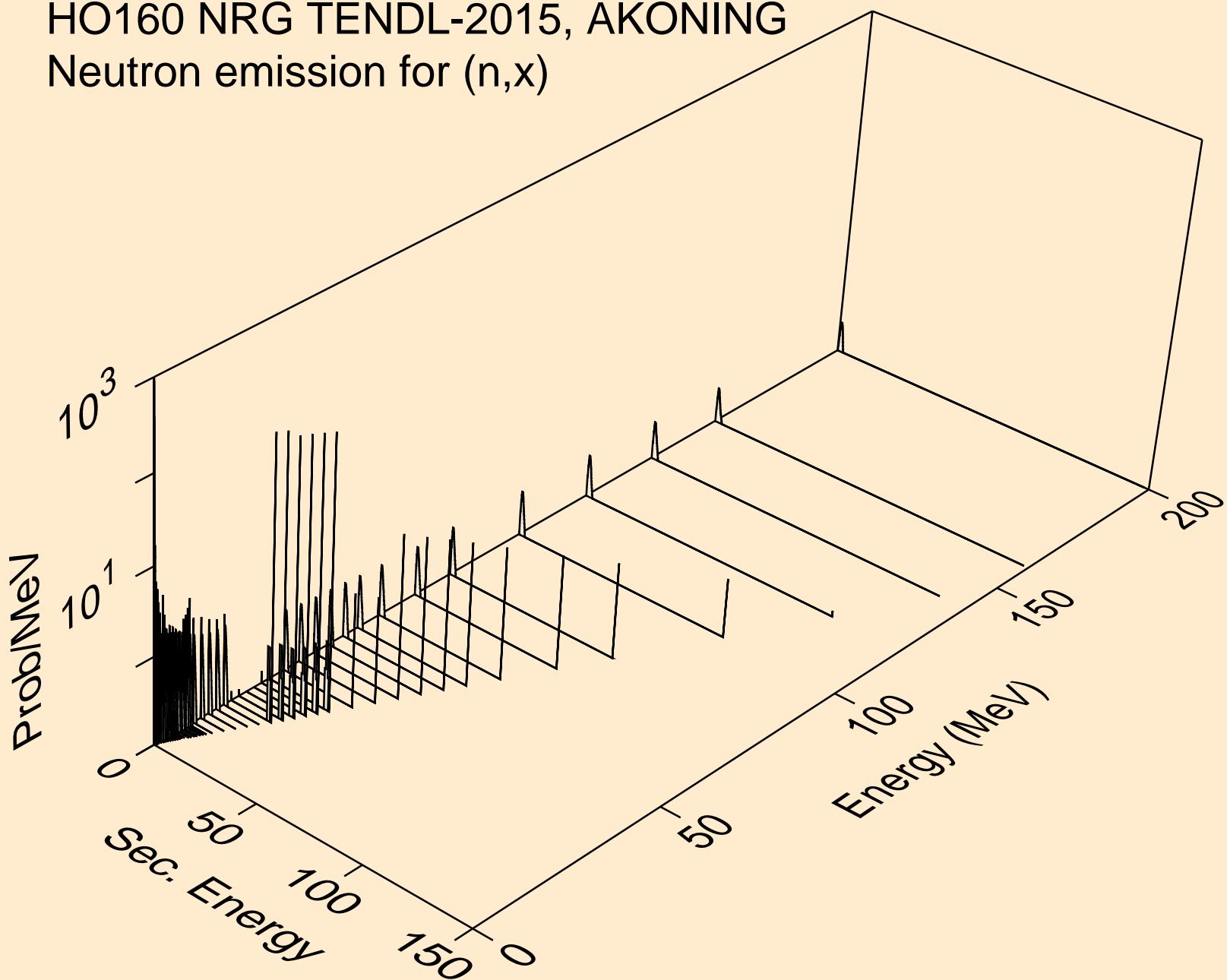
HO160 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



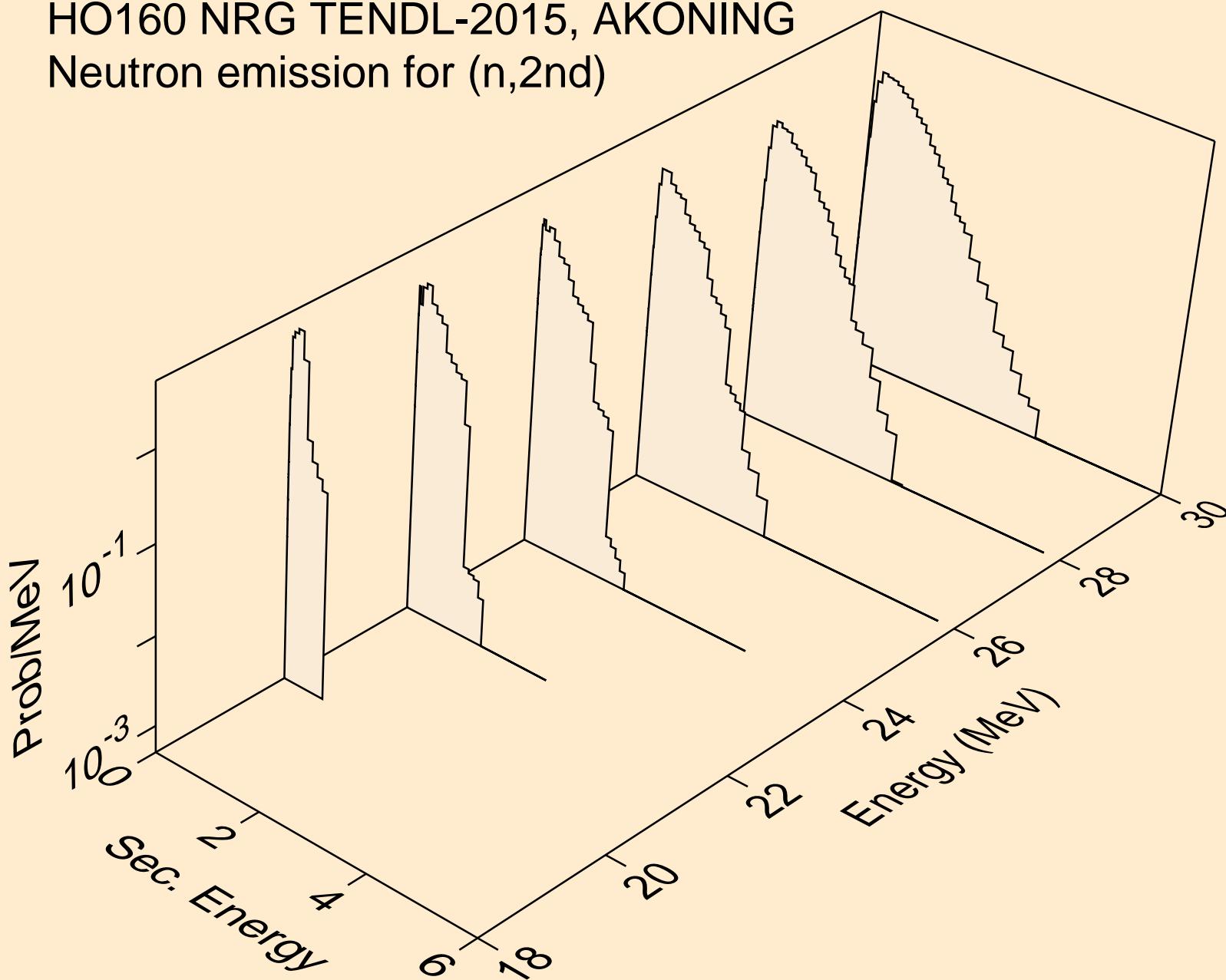
HO160 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{29}$



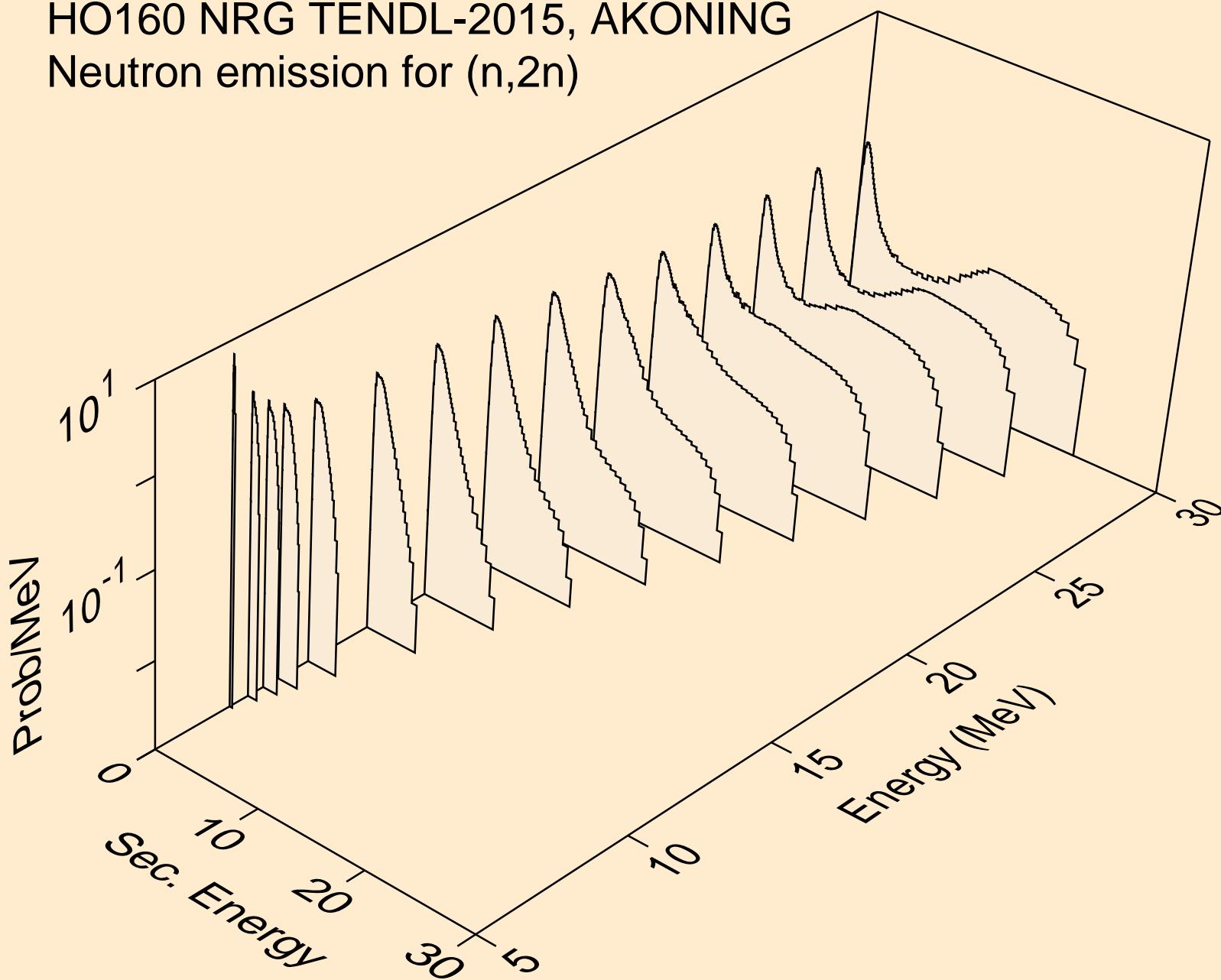
HO160 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



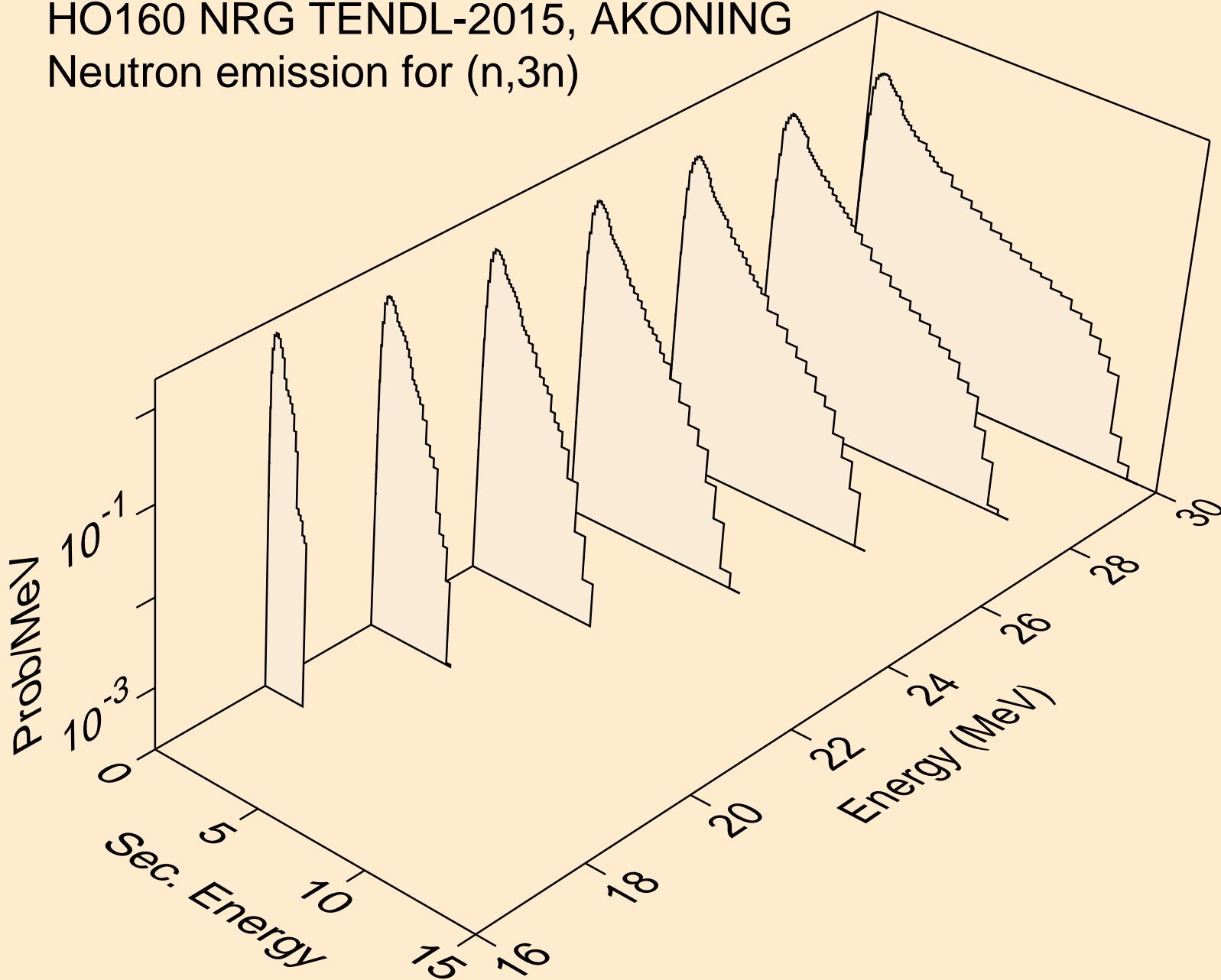
HO160 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



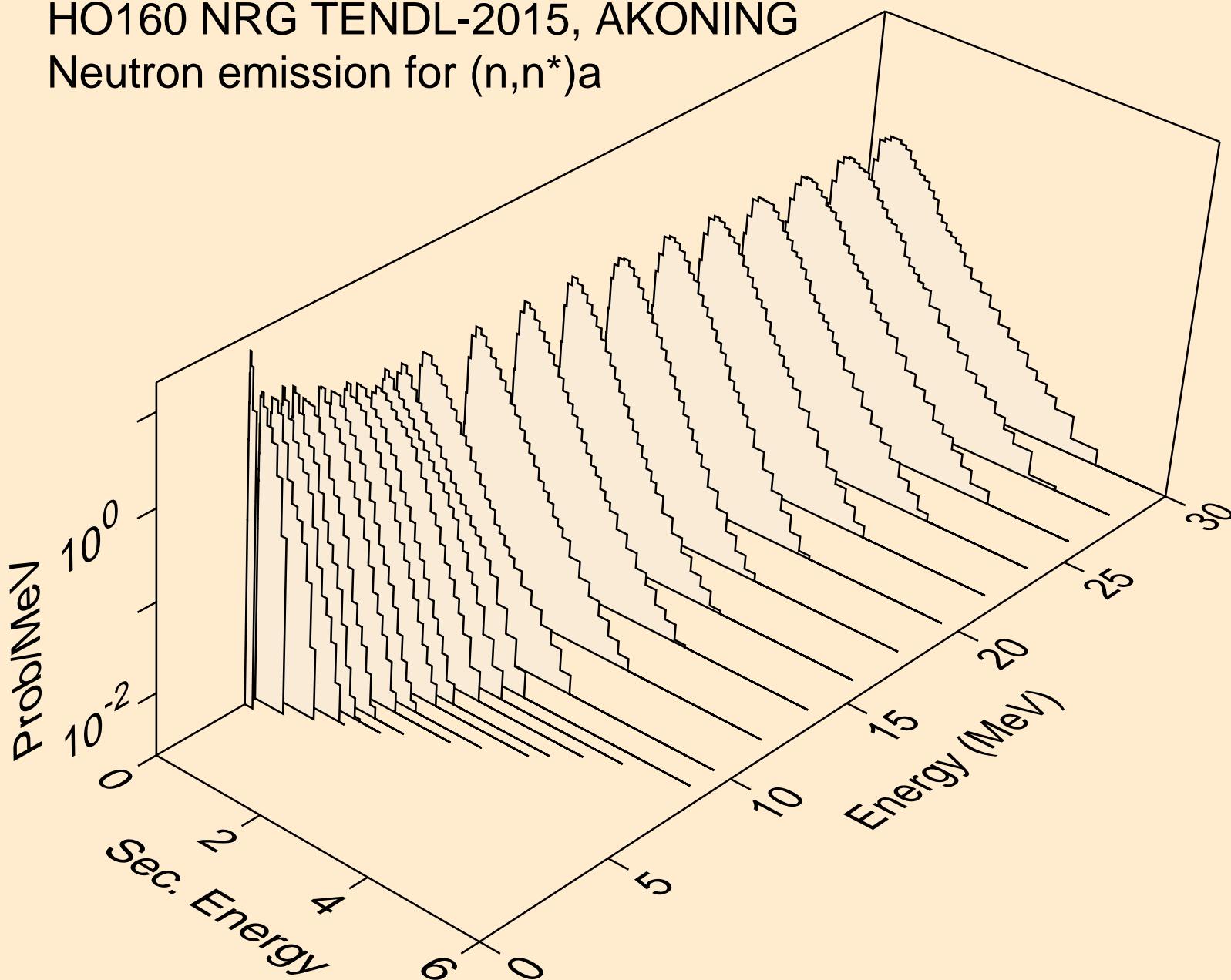
HO160 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



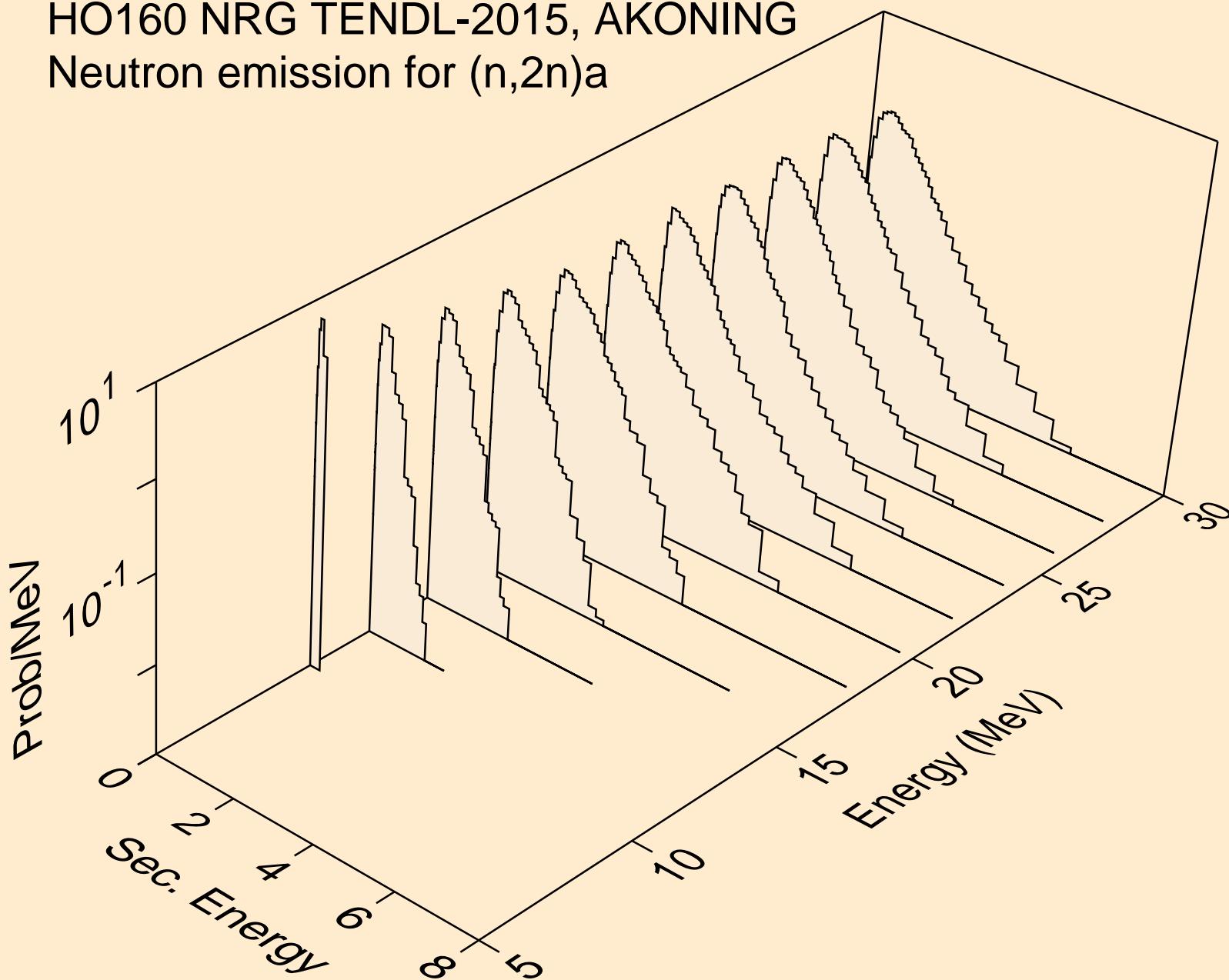
HO160 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



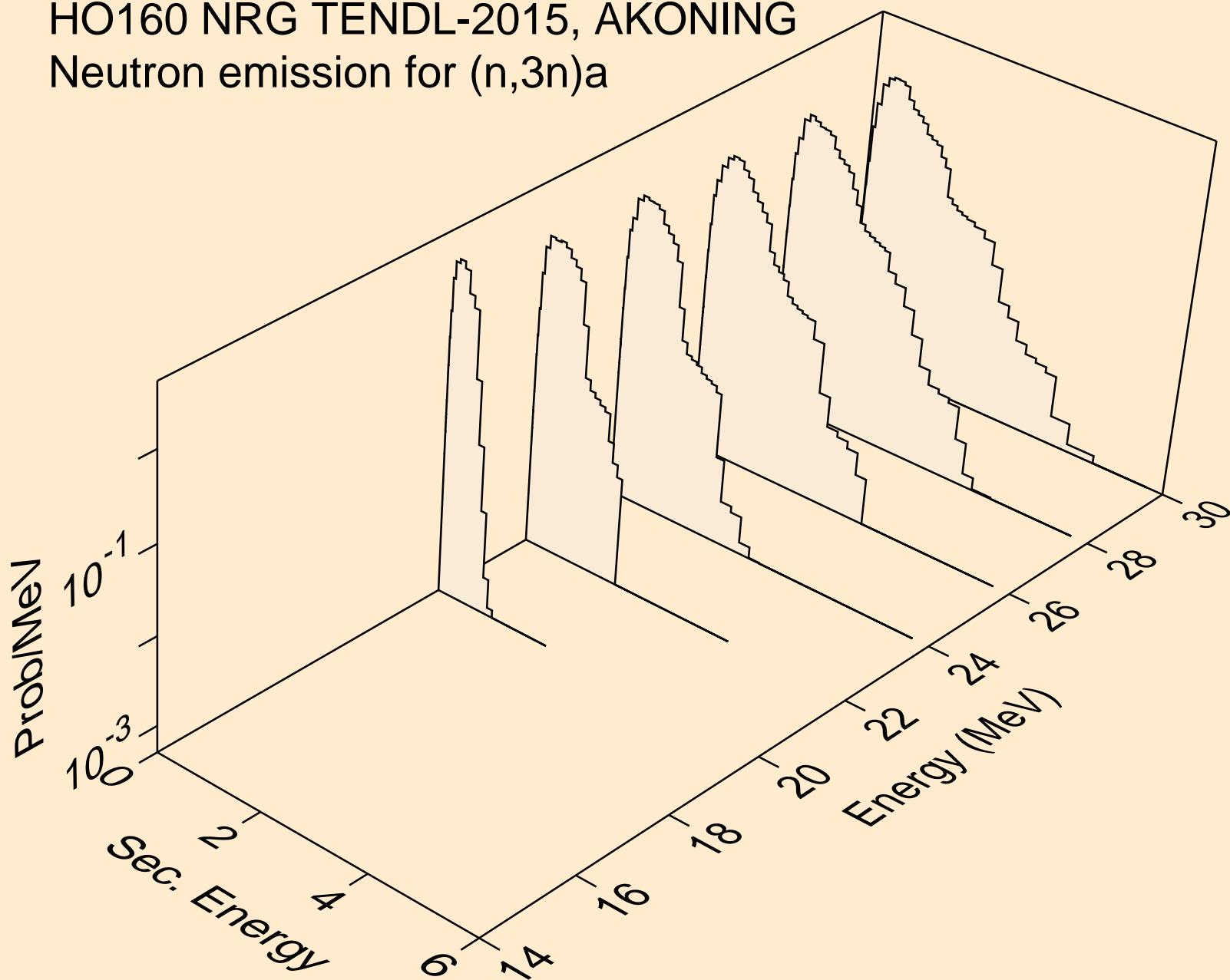
HO160 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



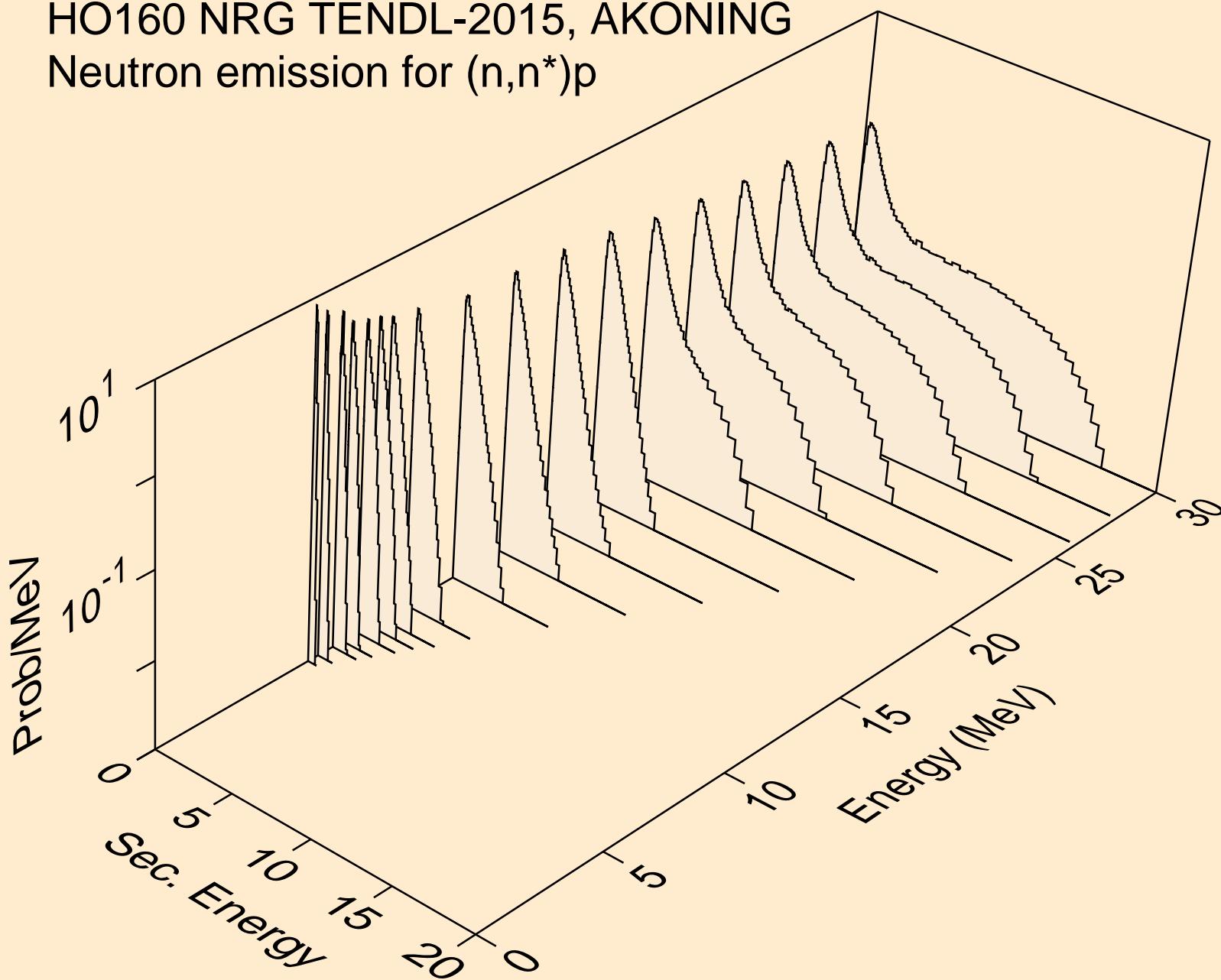
HO160 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



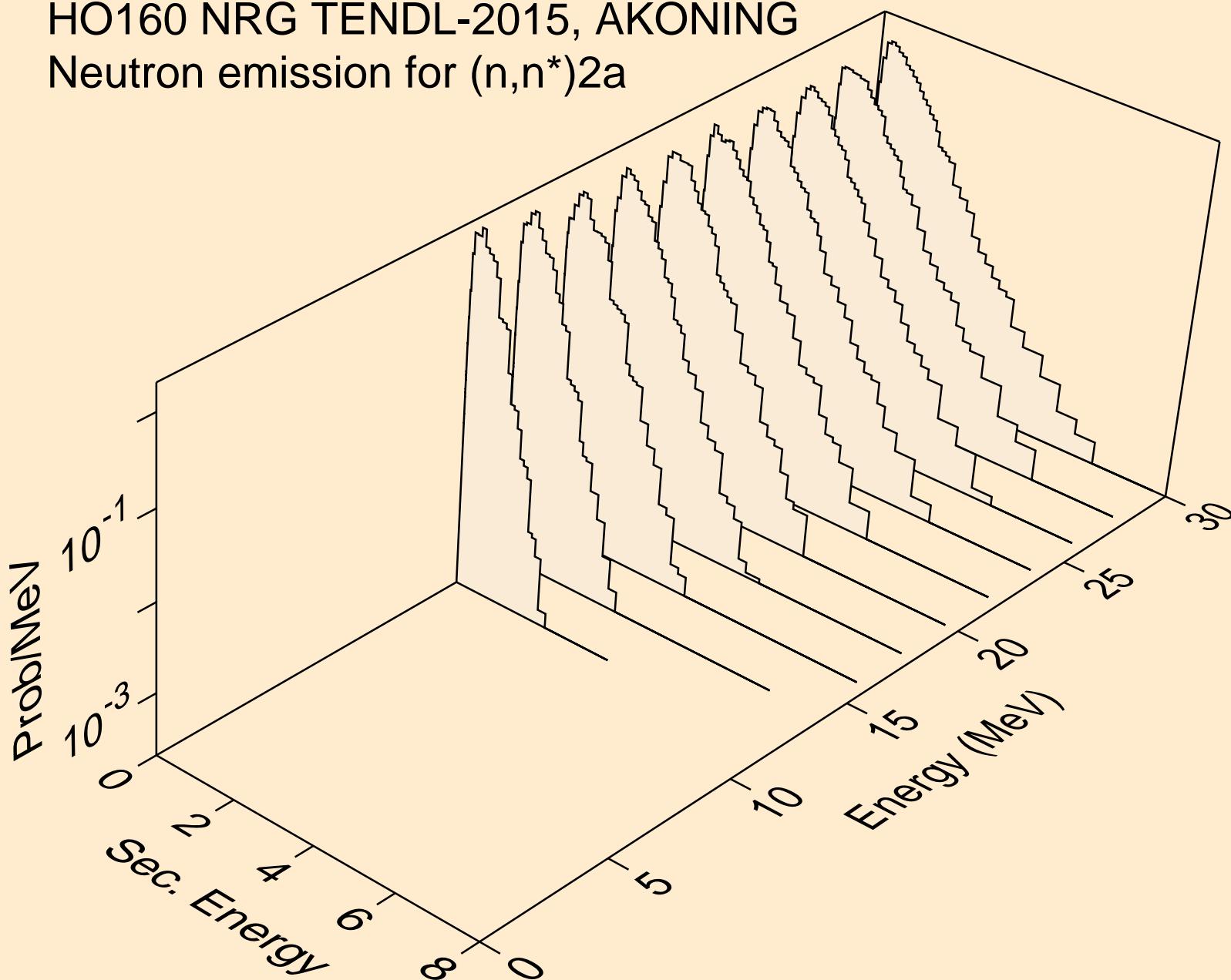
HO160 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



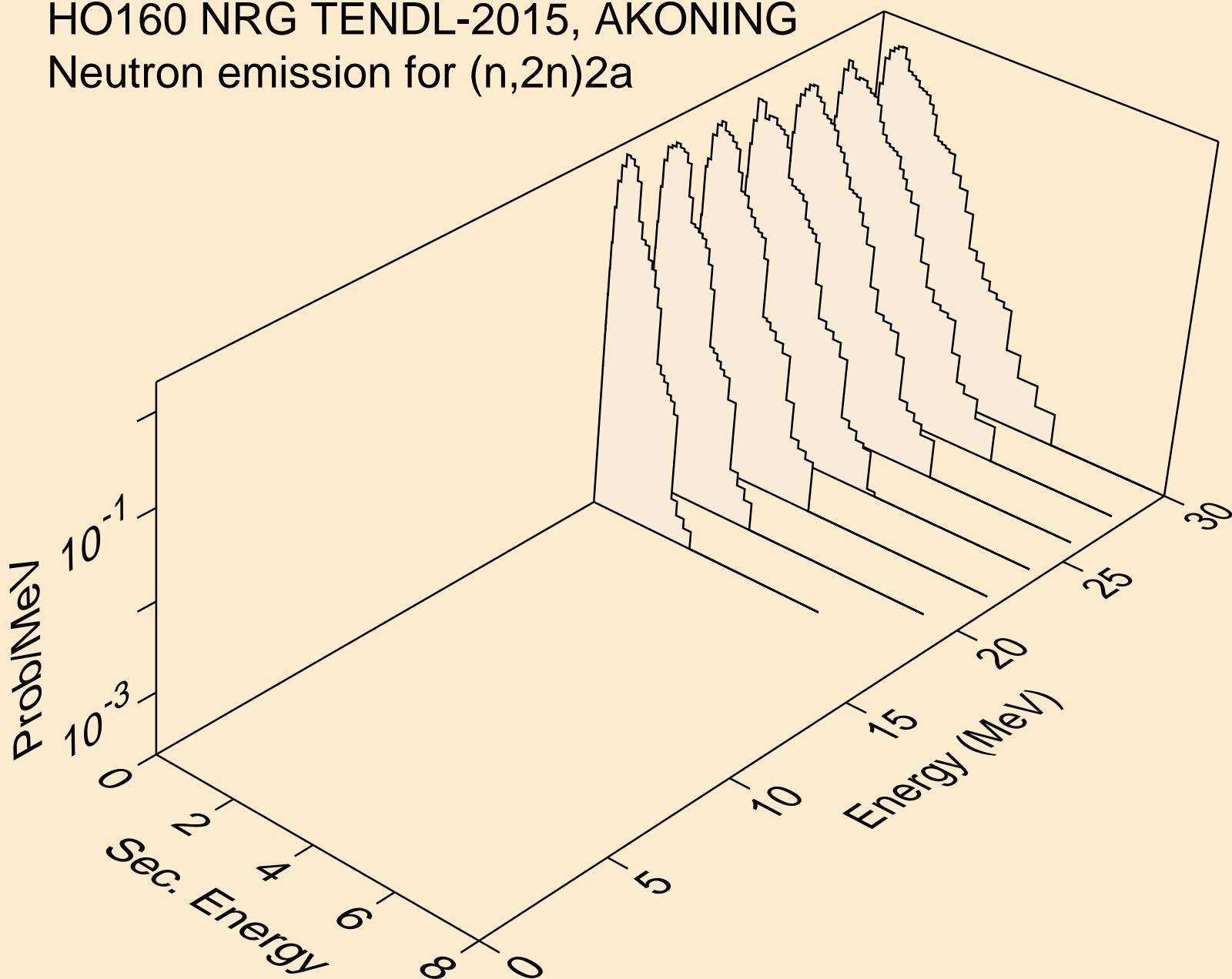
HO160 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



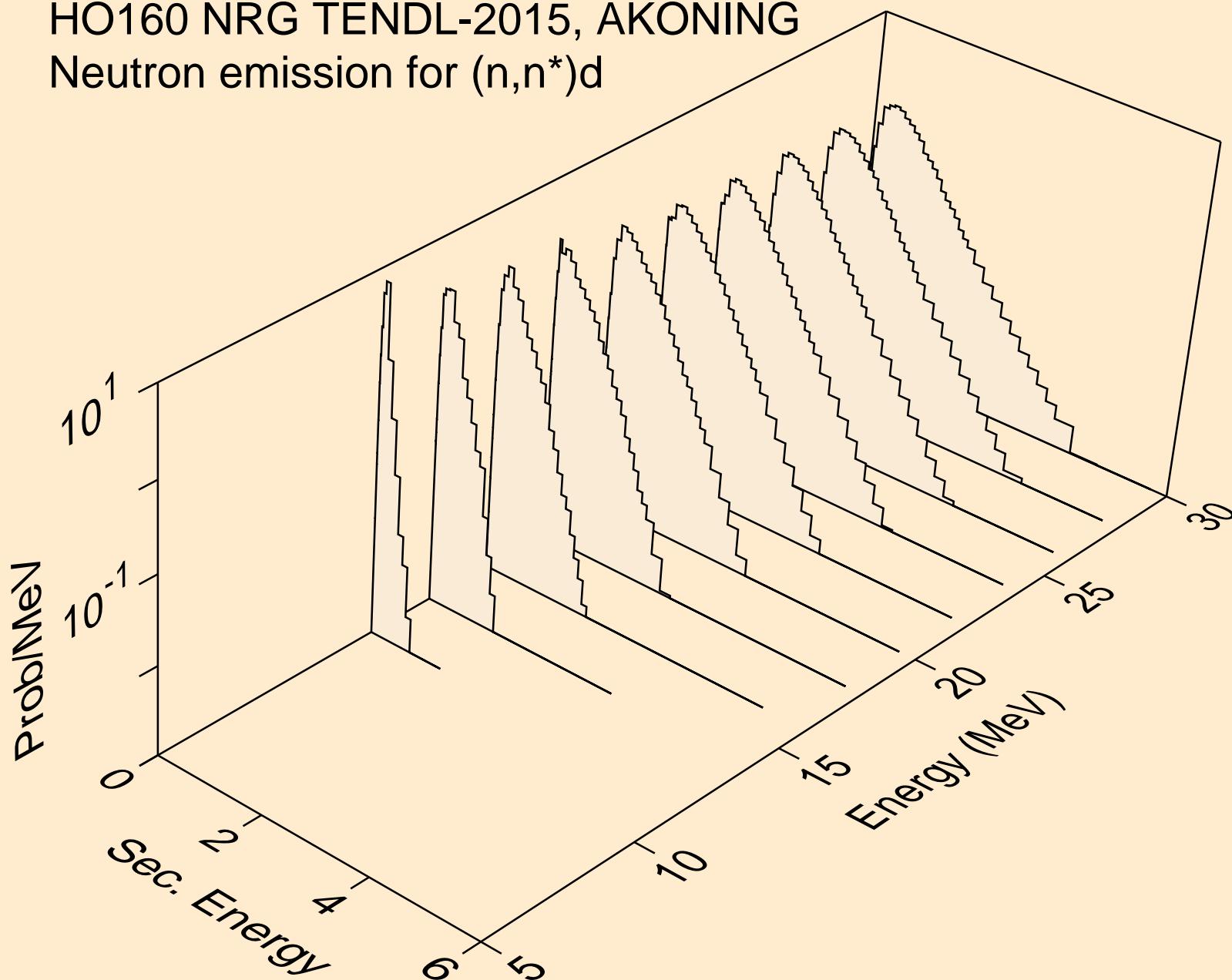
HO160 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



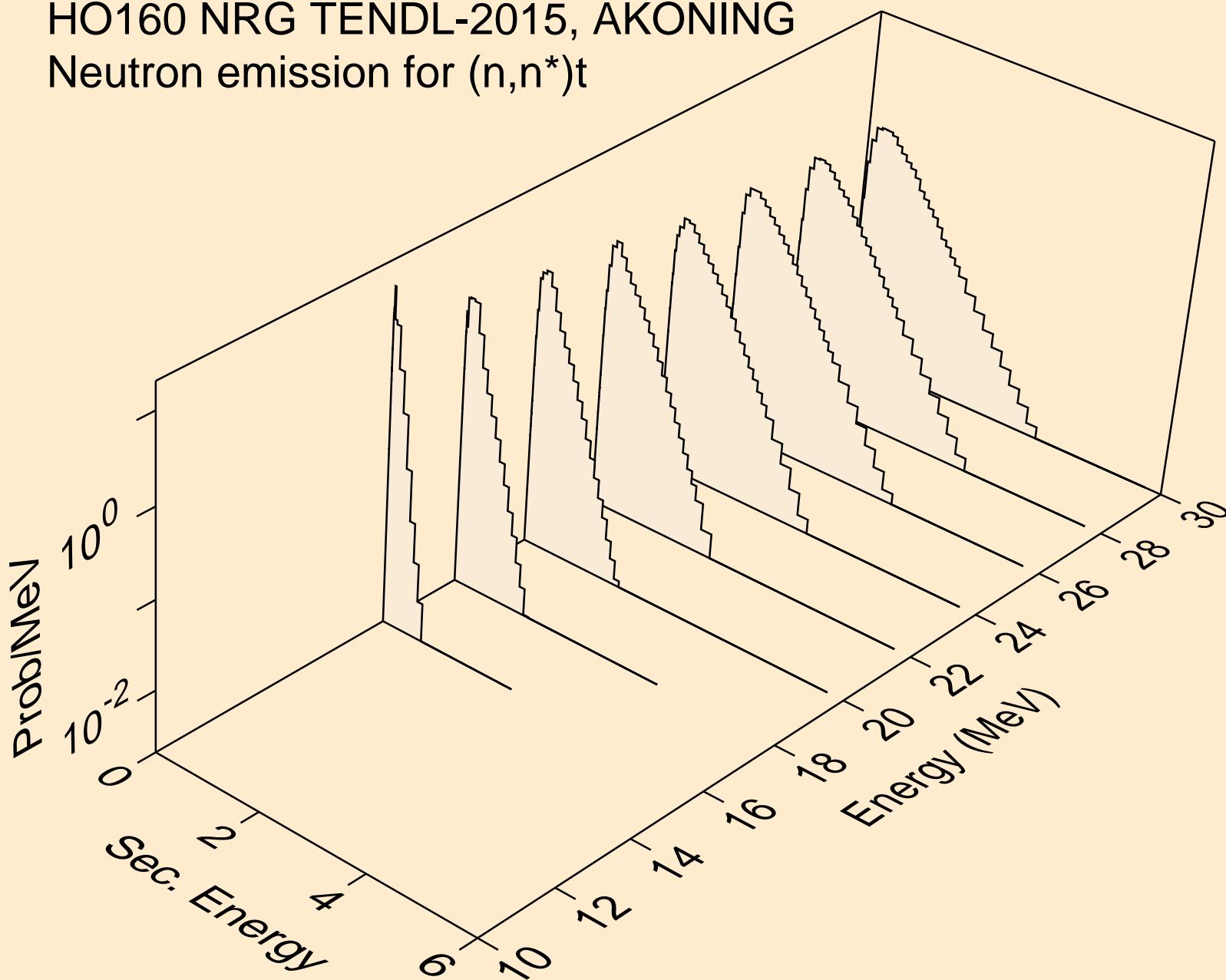
HO160 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)2a$



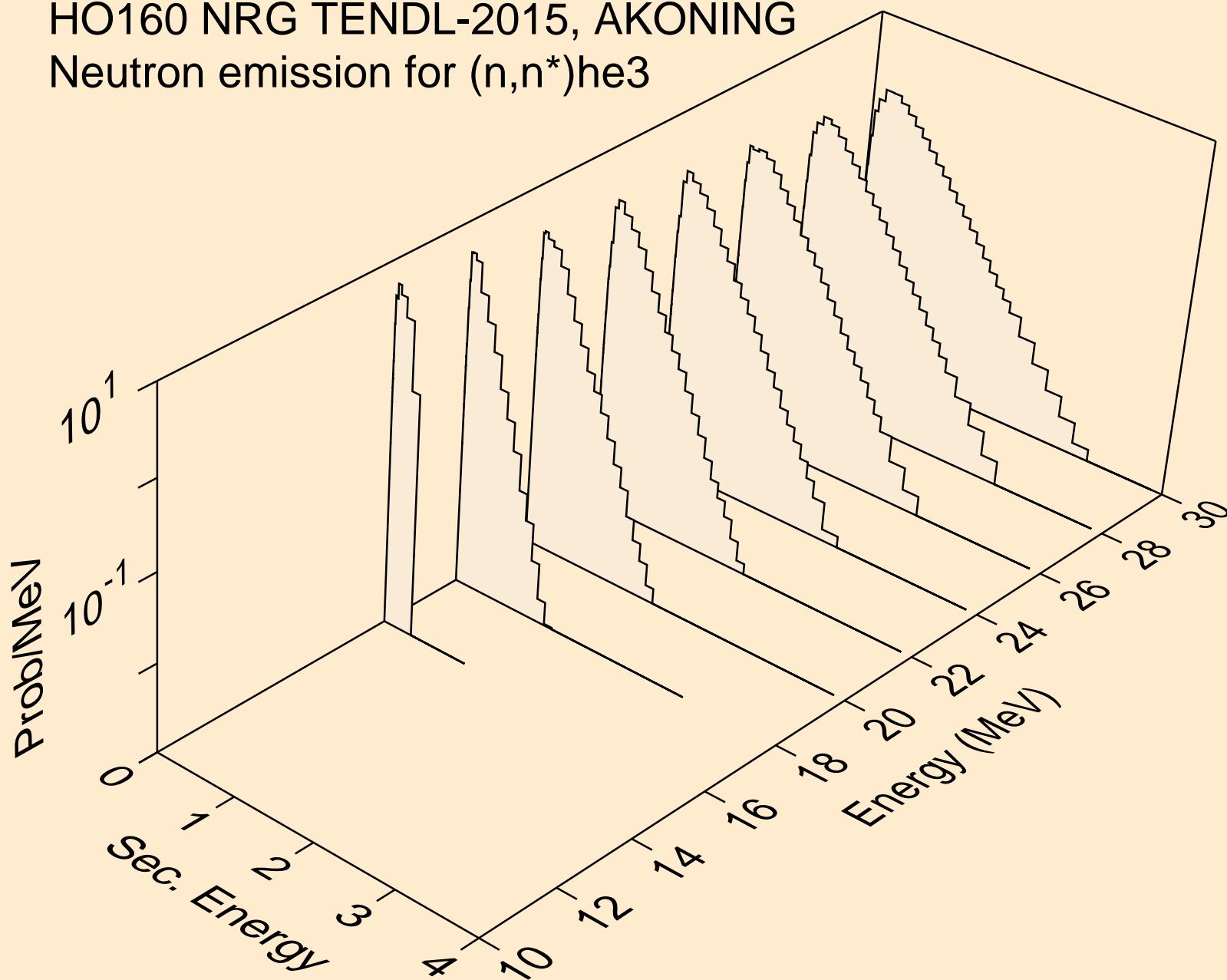
HO160 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



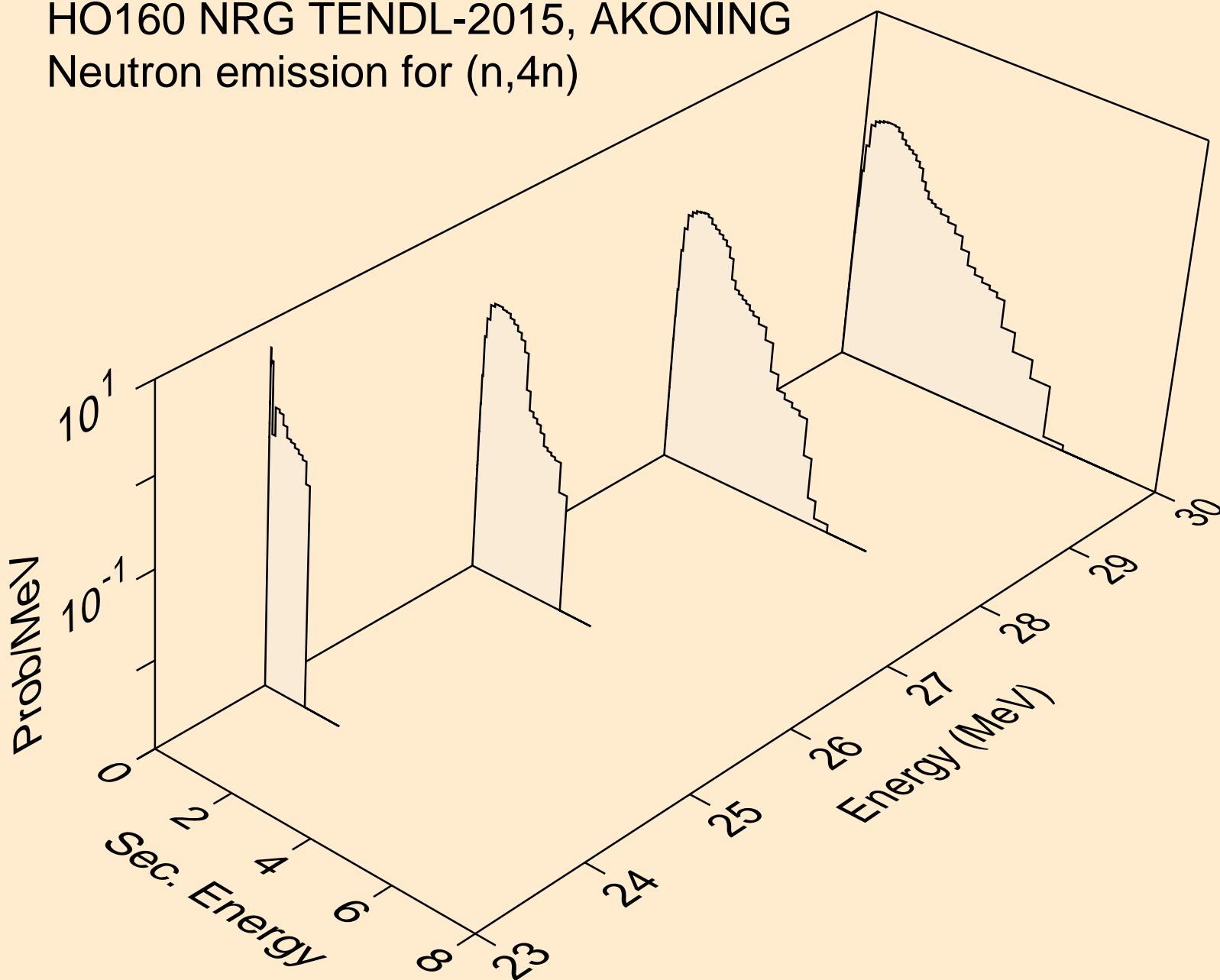
HO160 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



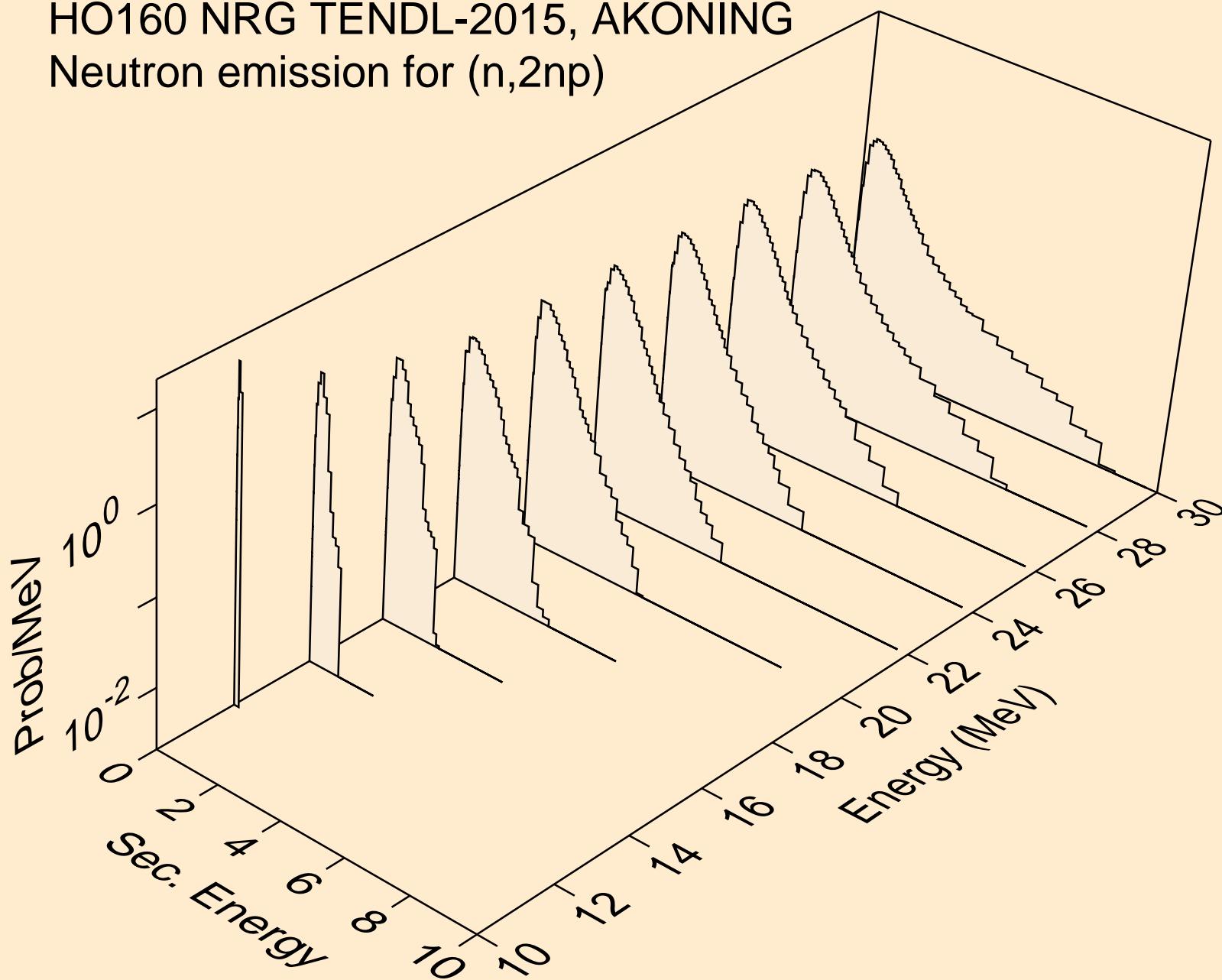
HO160 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



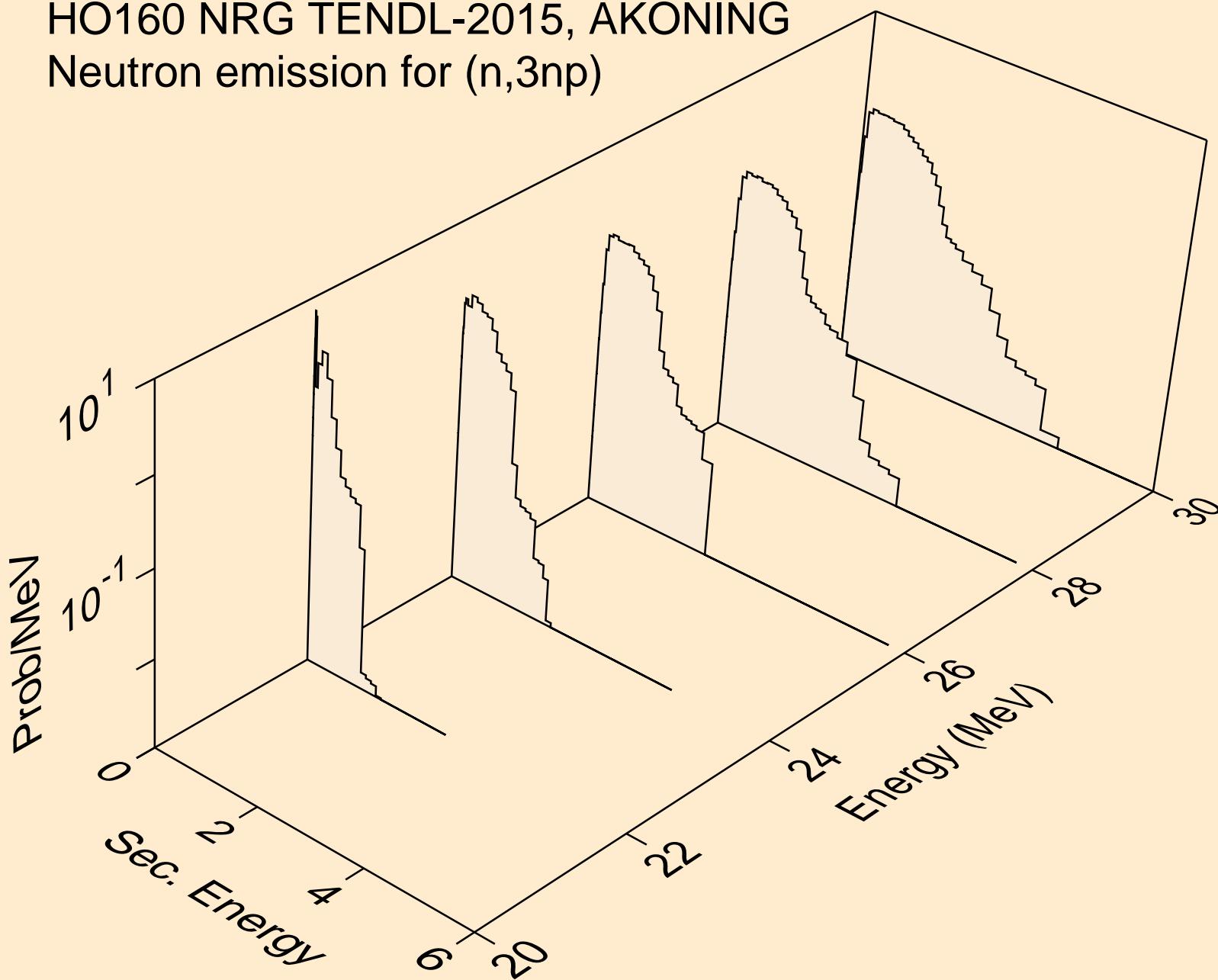
HO160 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



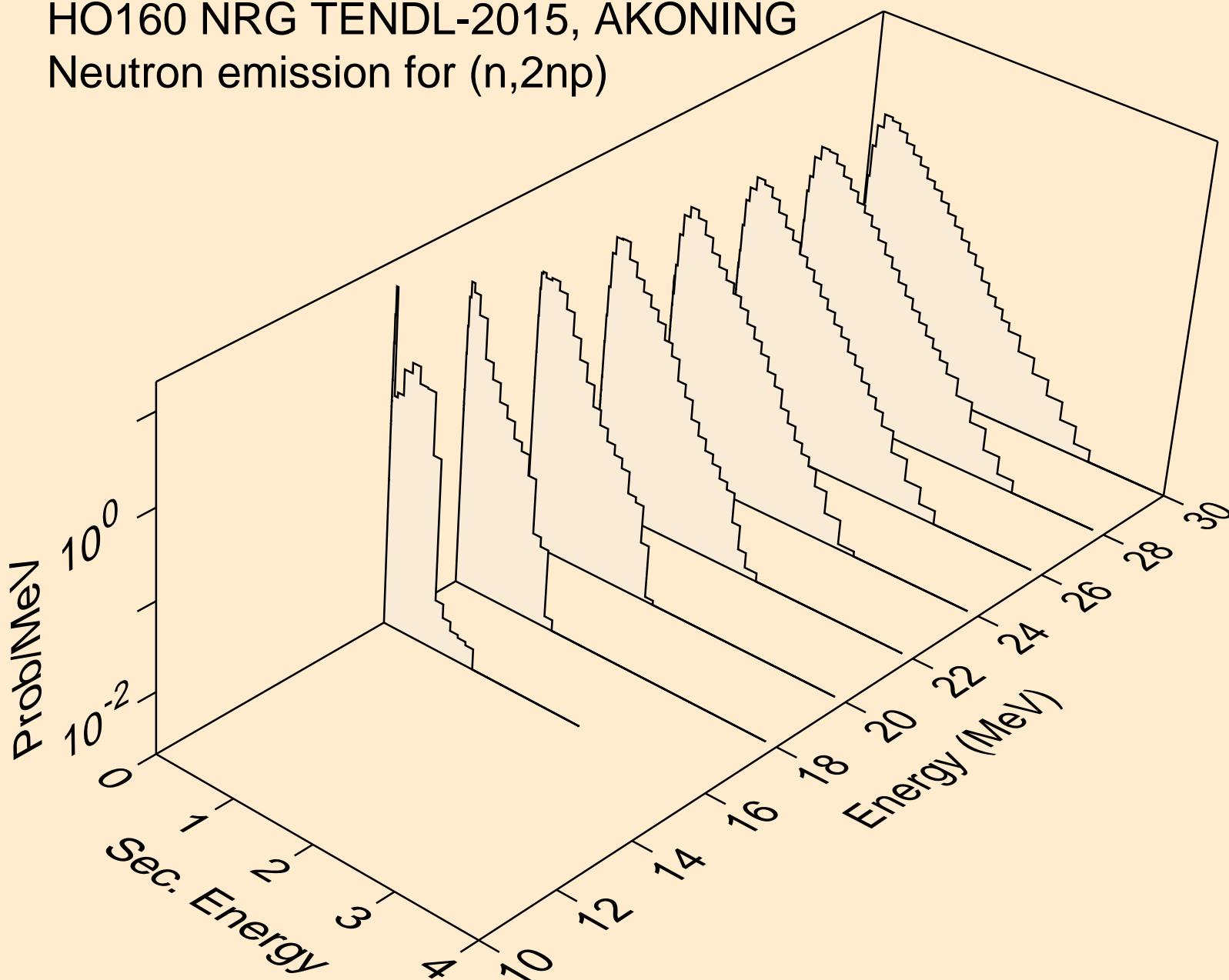
HO160 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



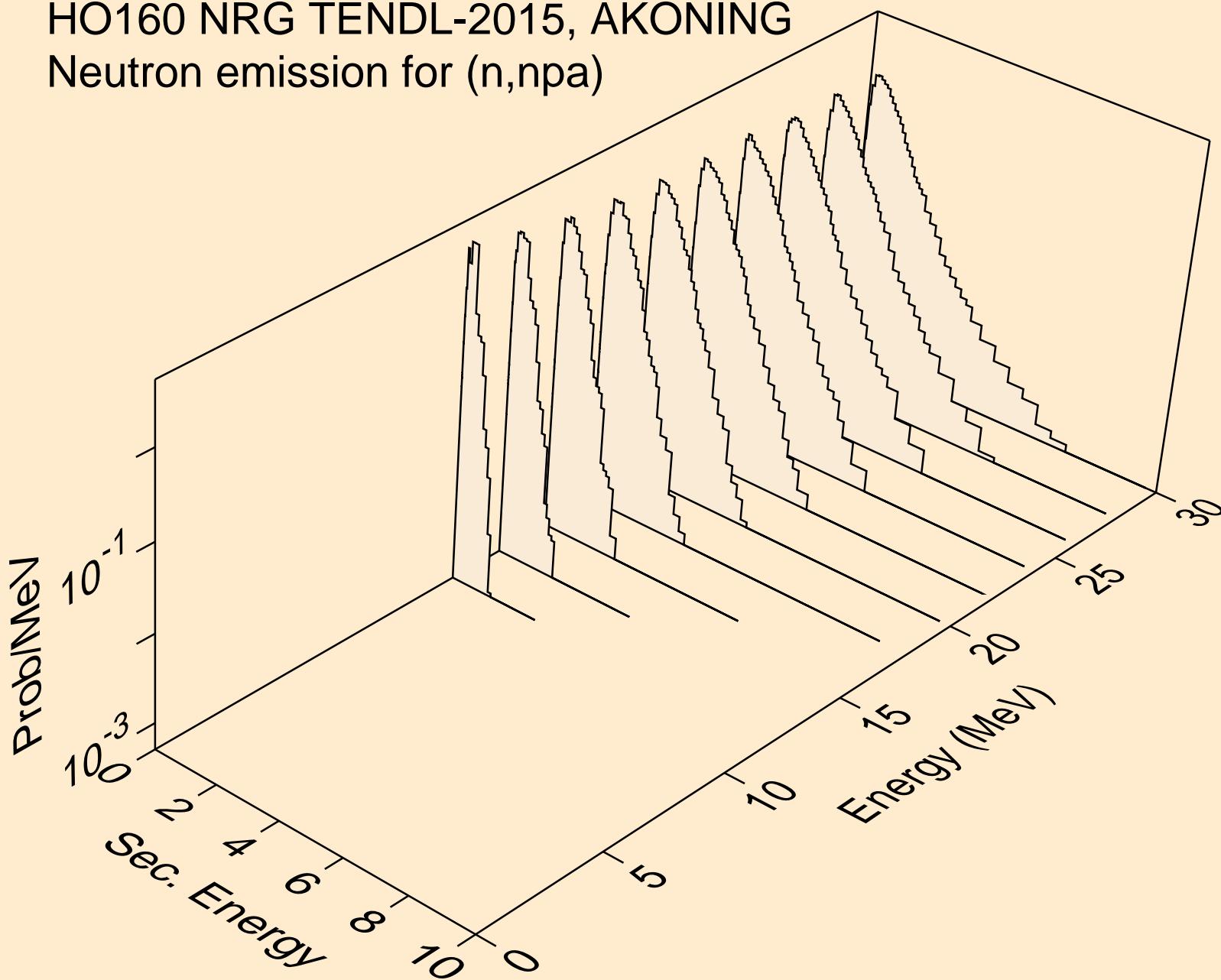
HO160 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



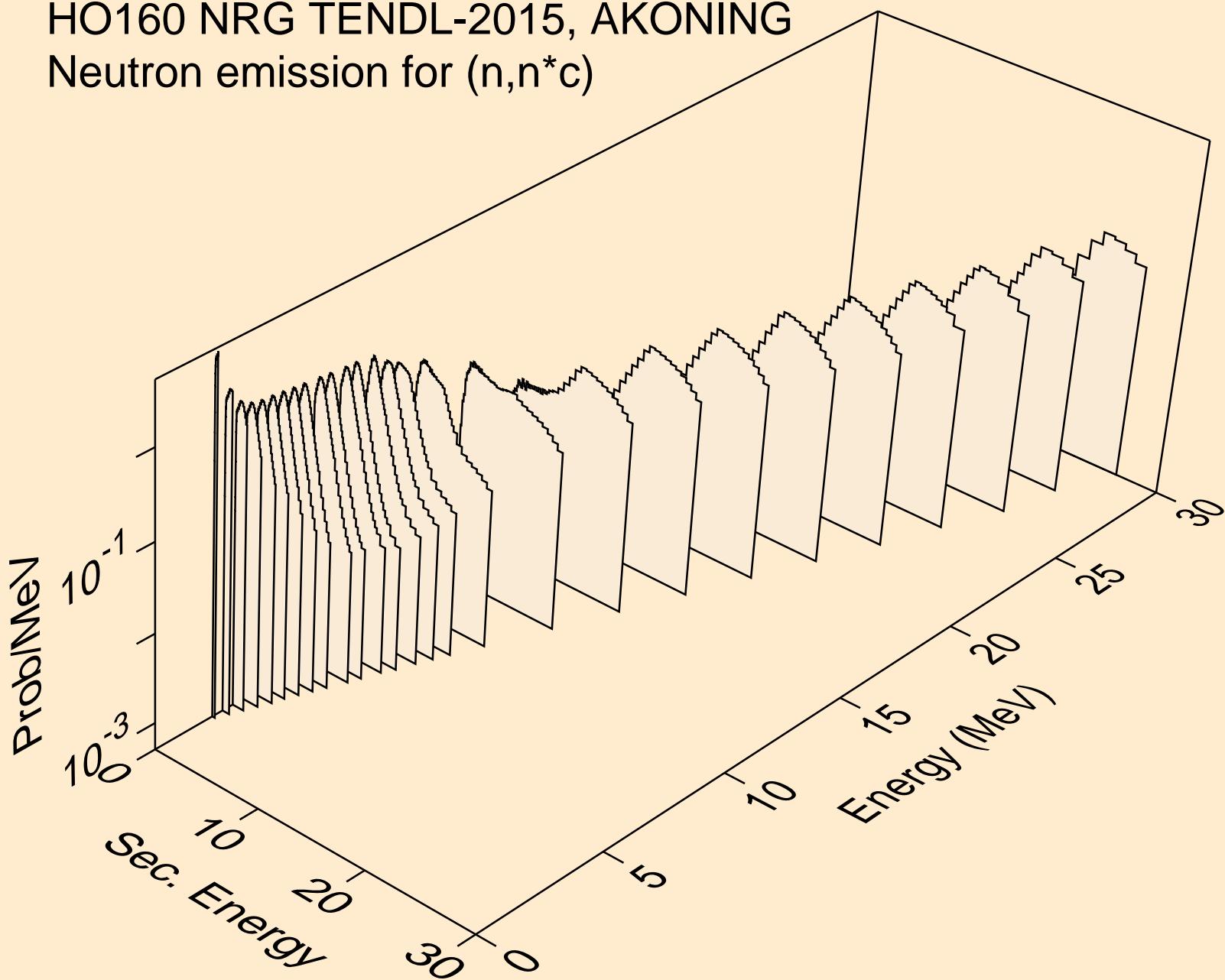
HO160 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



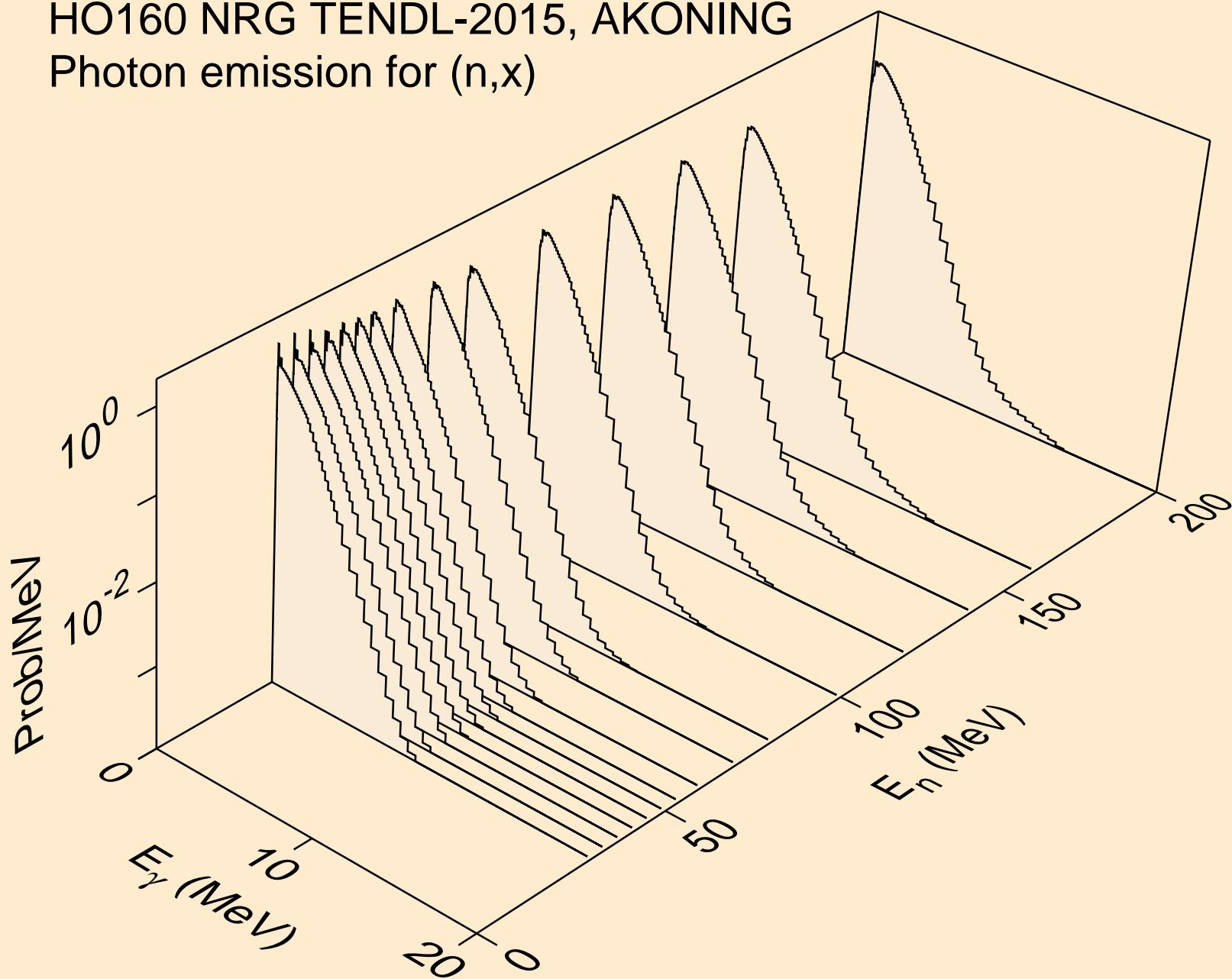
HO160 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



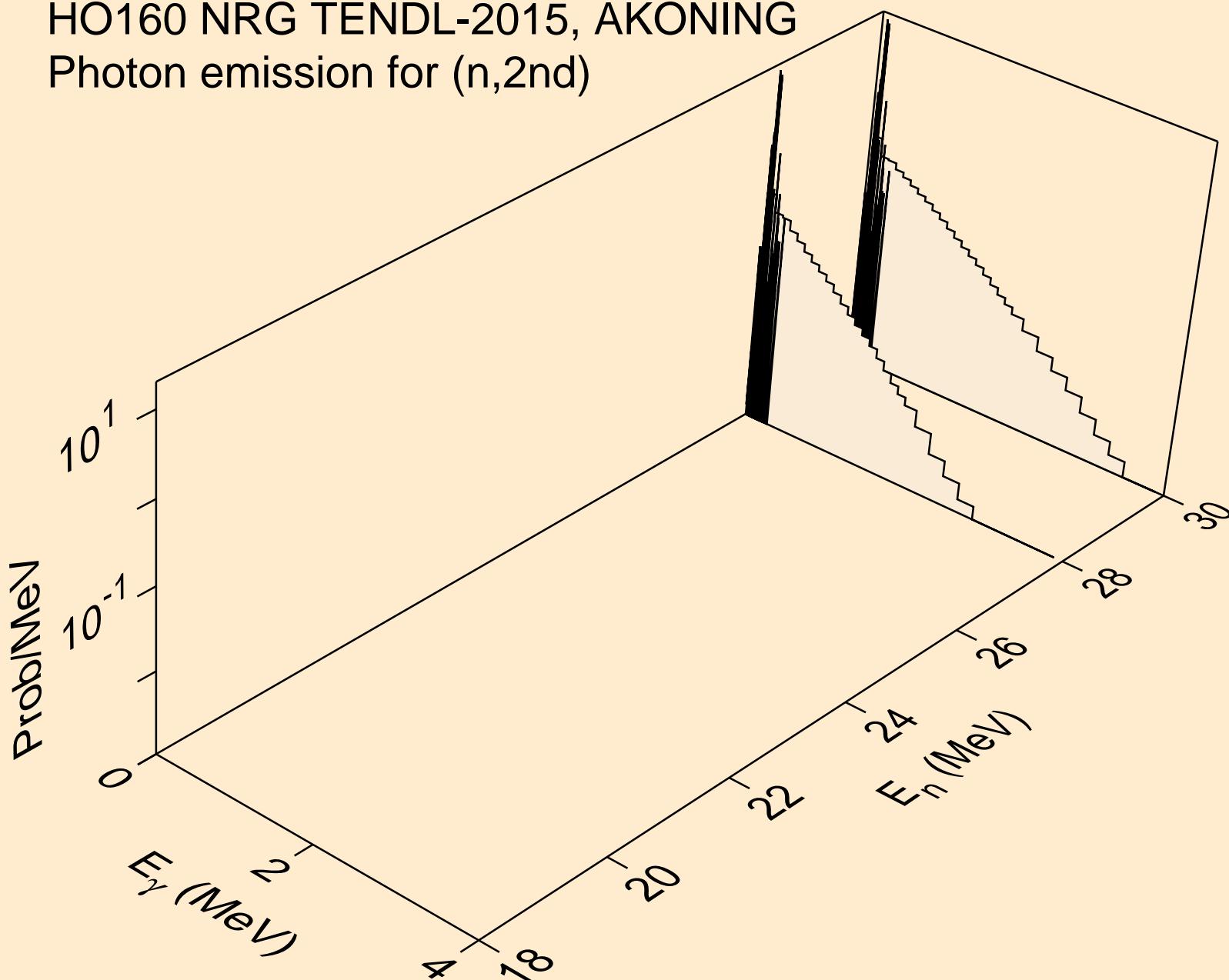
HO160 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



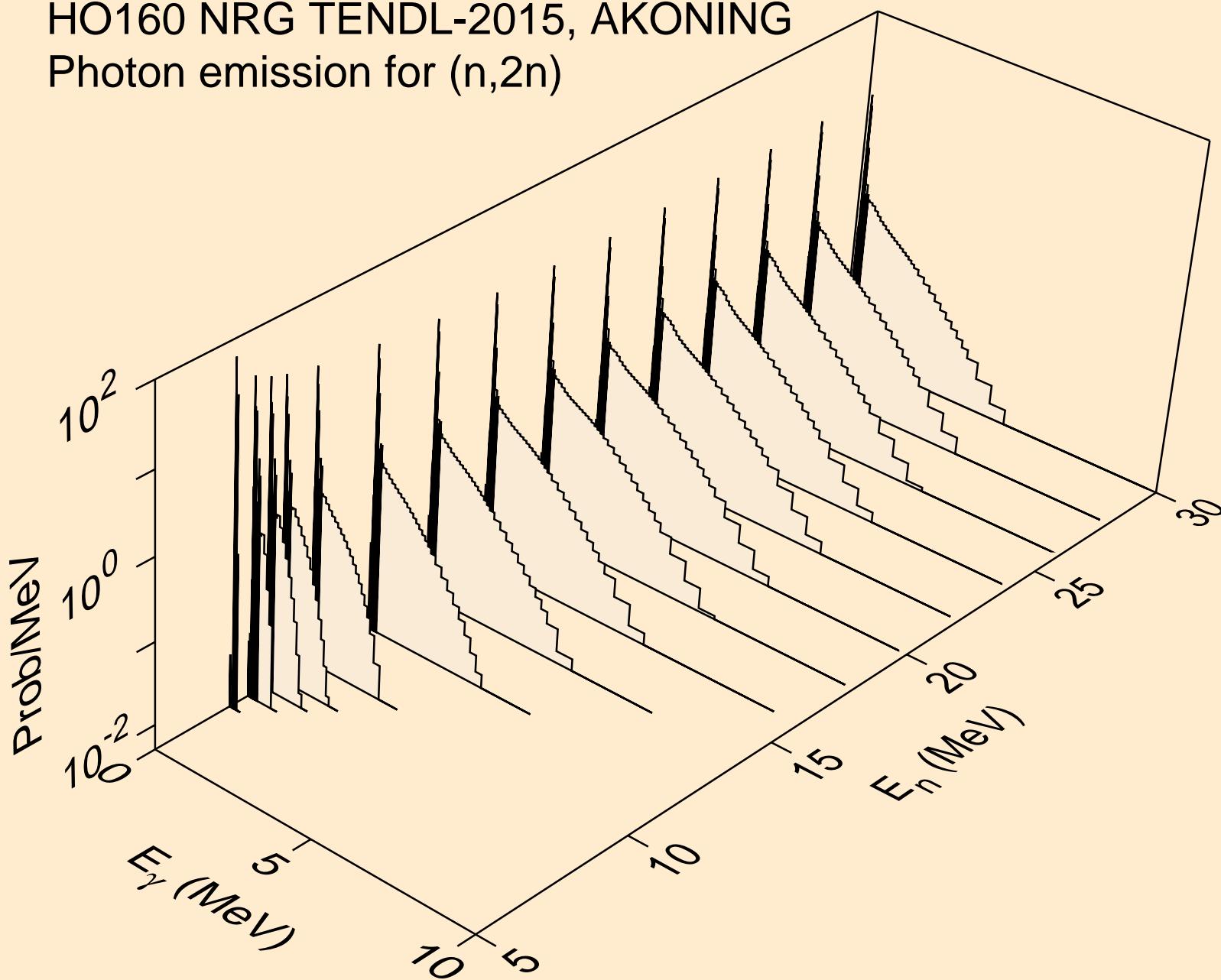
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



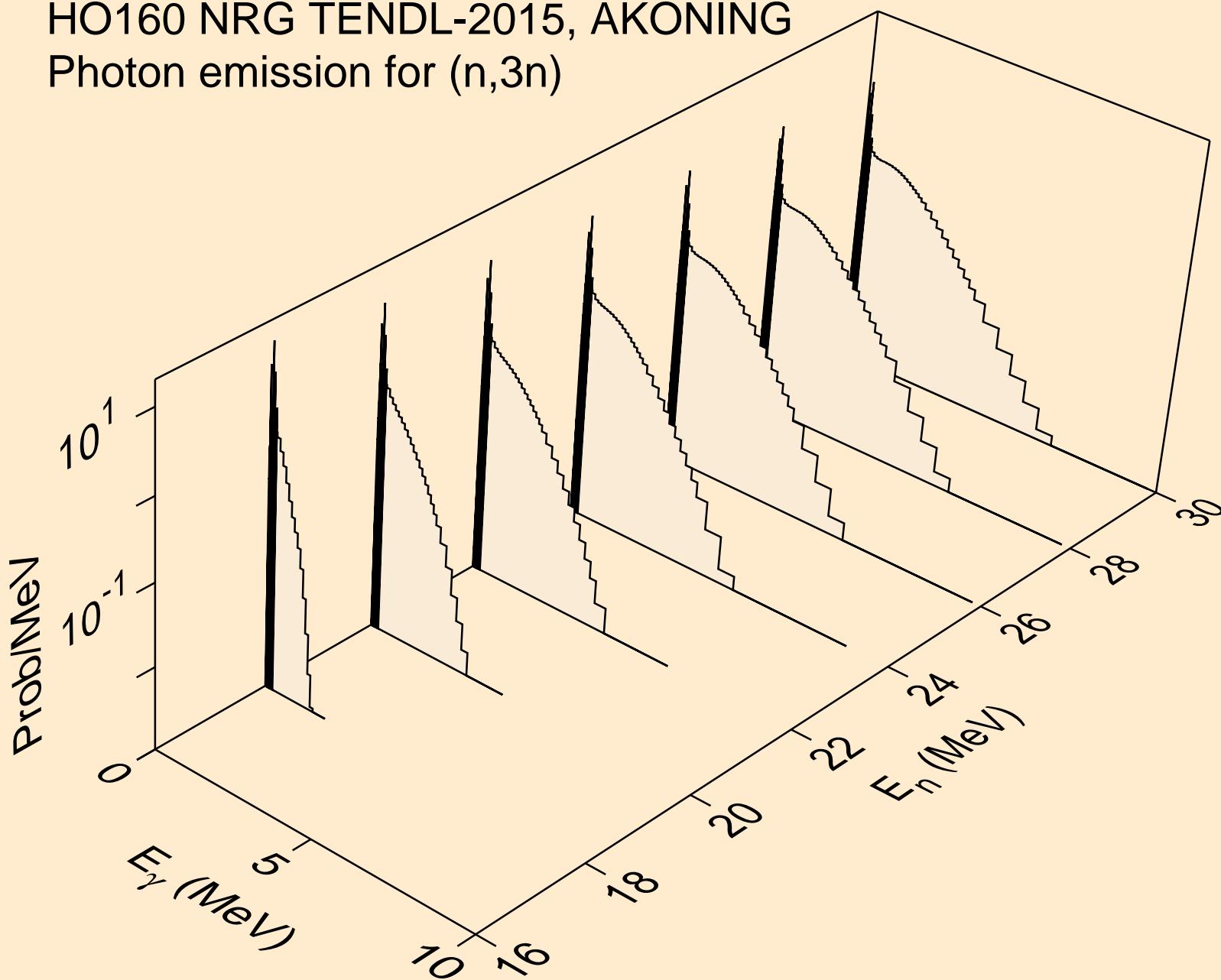
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



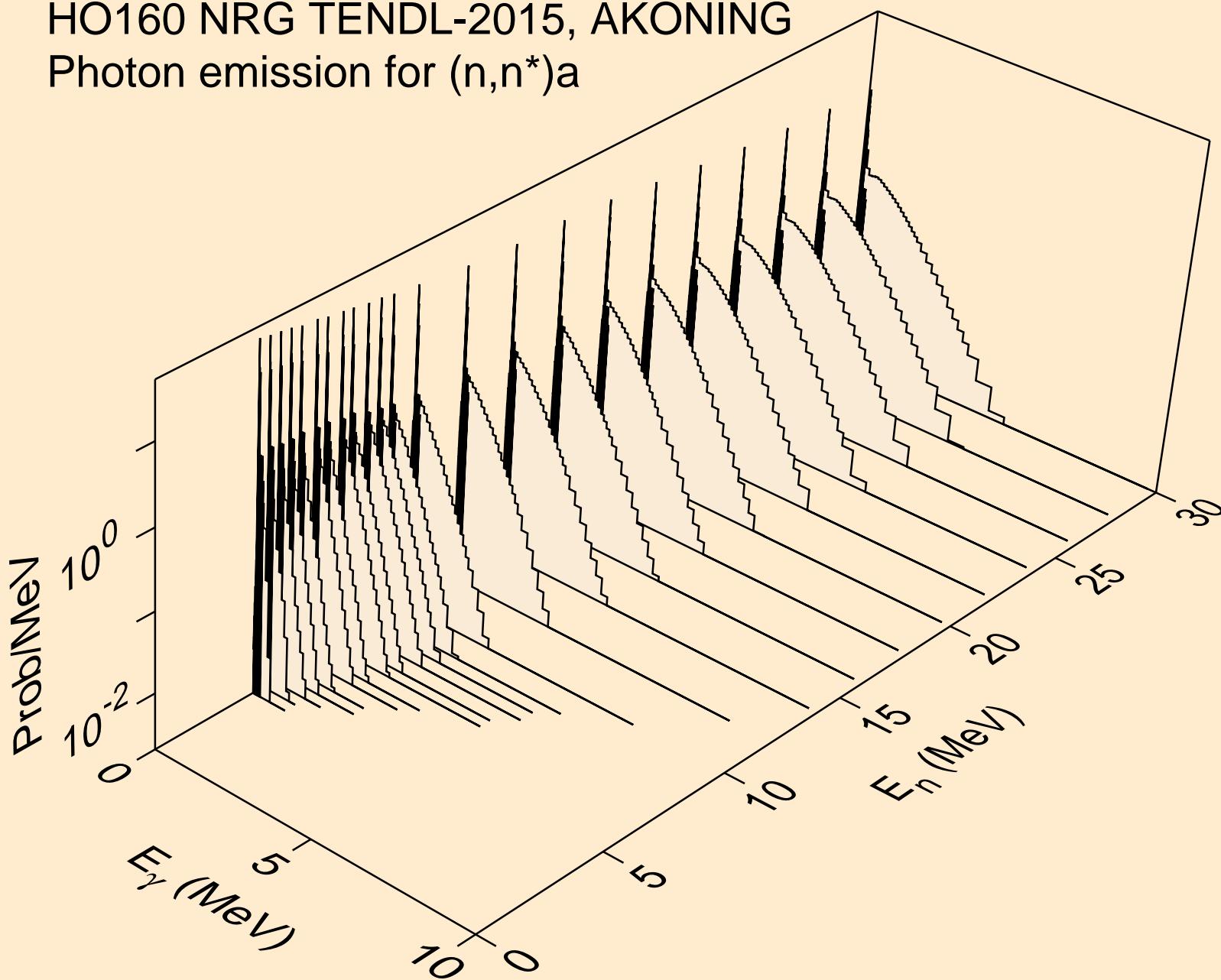
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Photon emission for (n,2n)



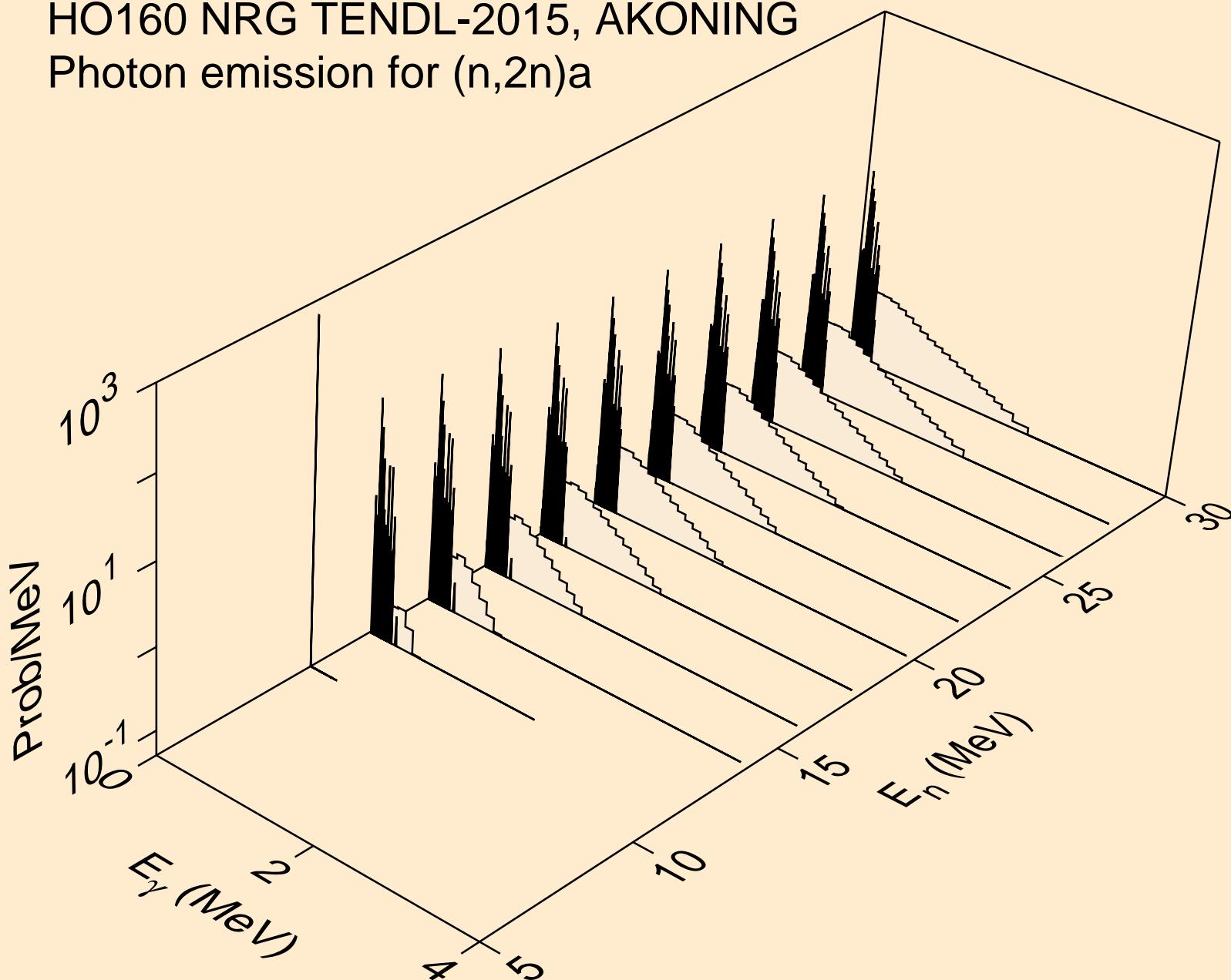
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



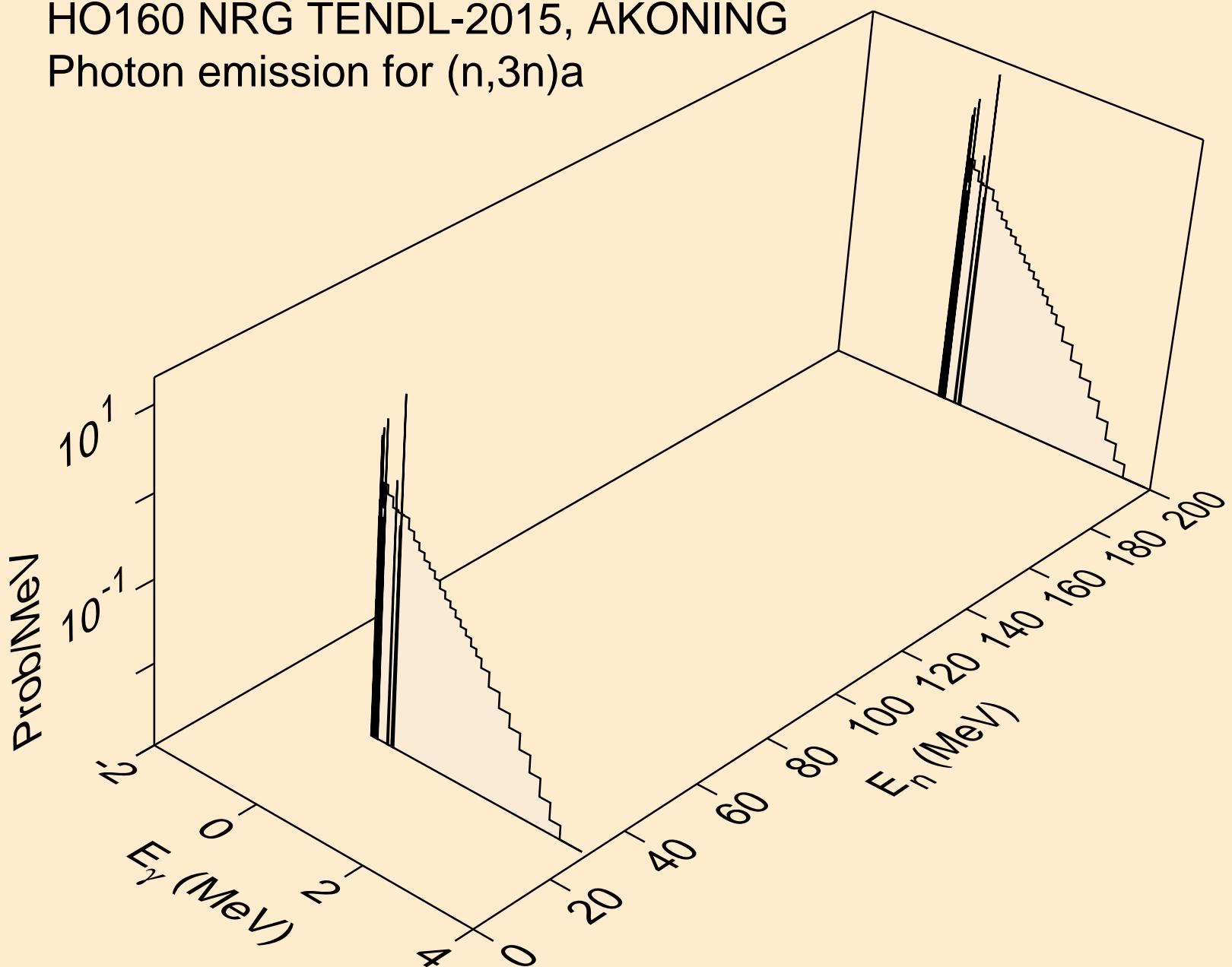
HO160 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



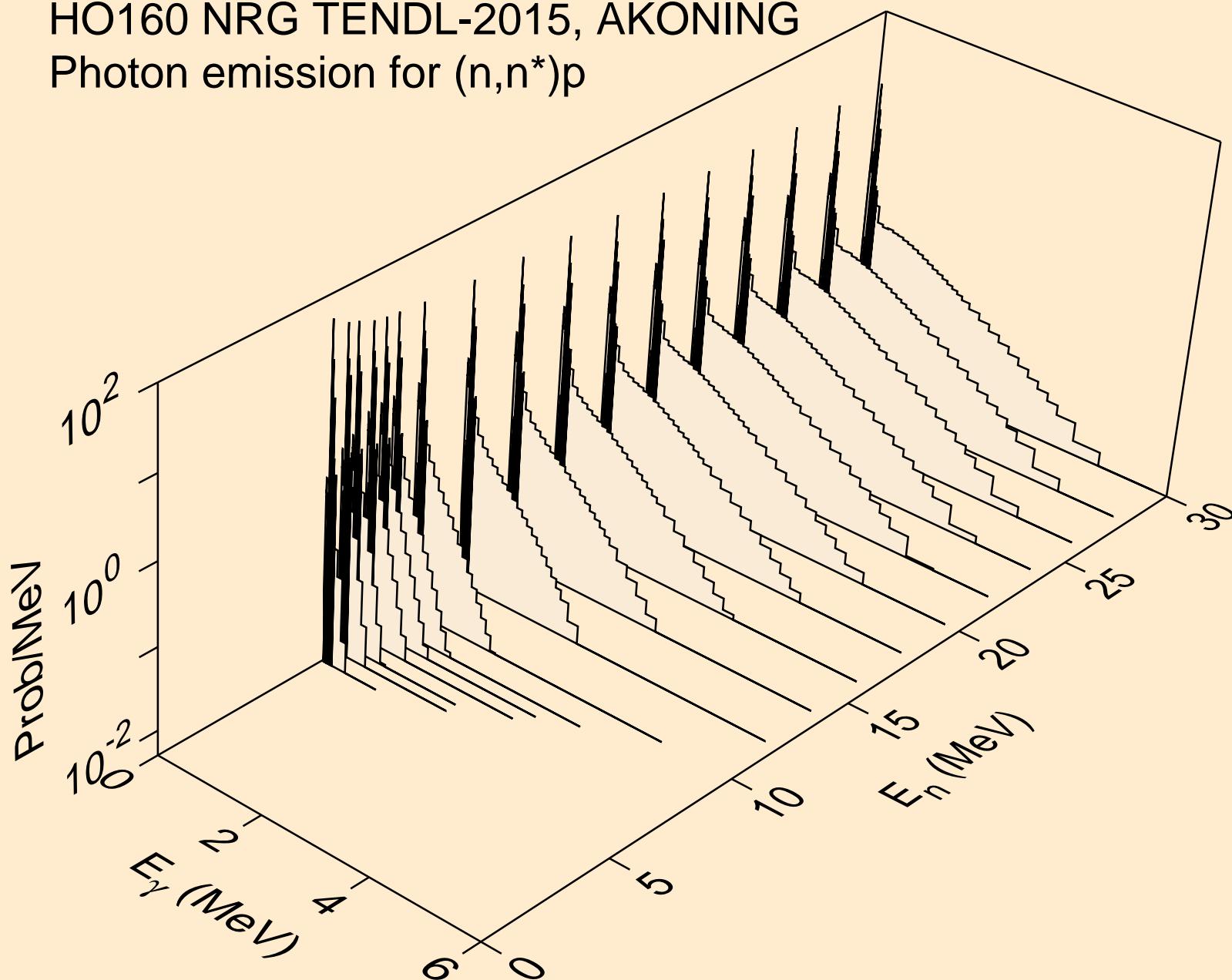
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



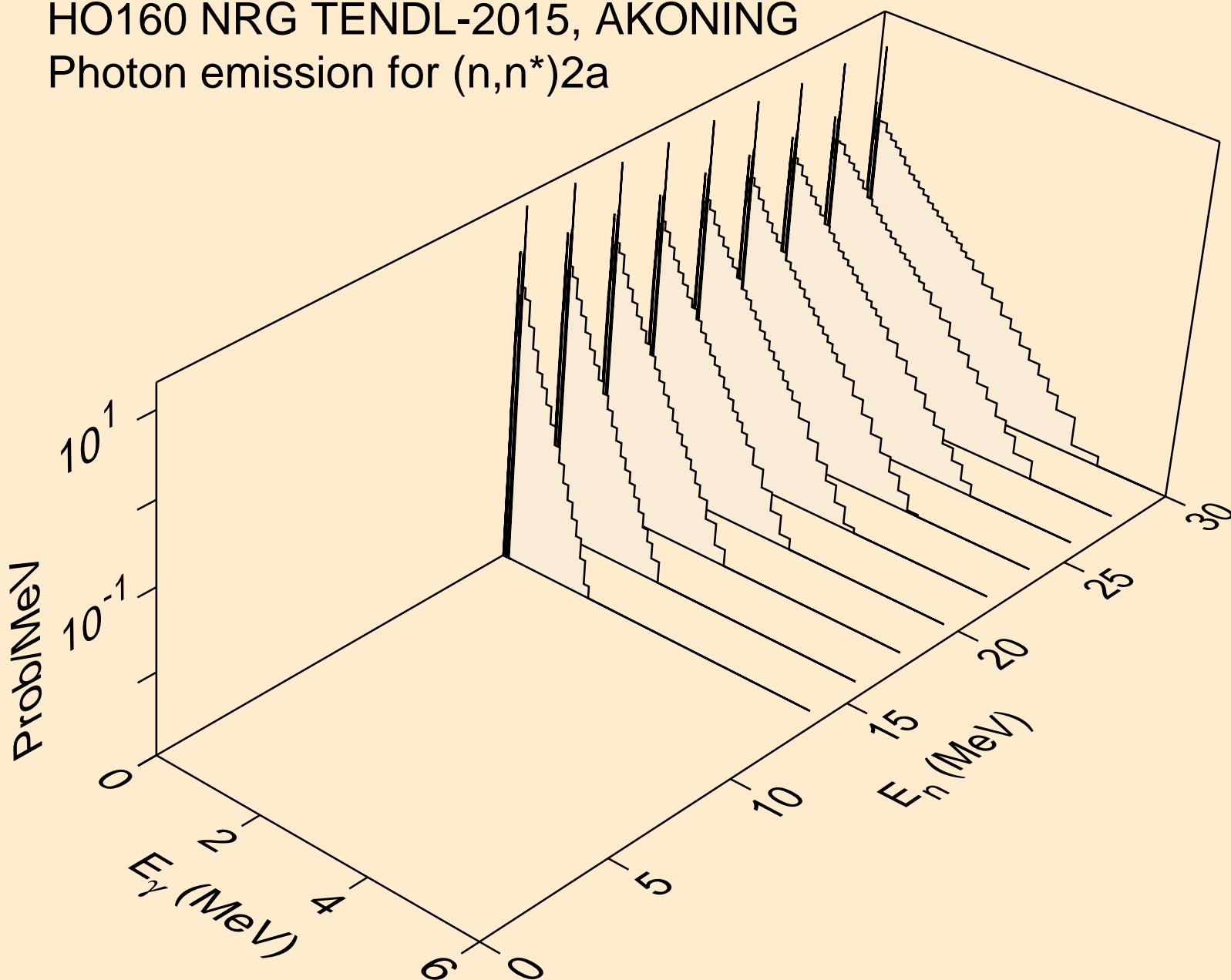
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



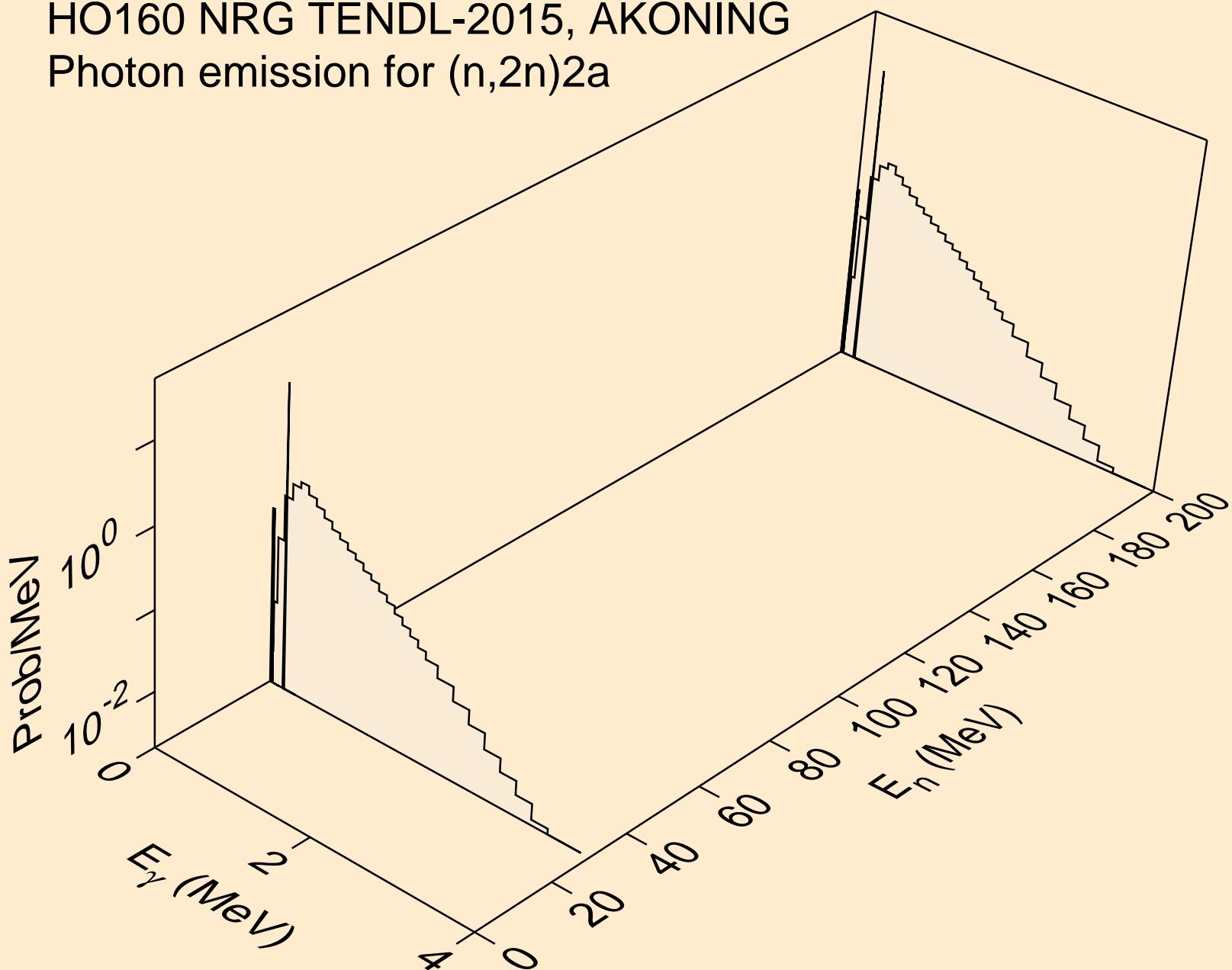
HO160 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



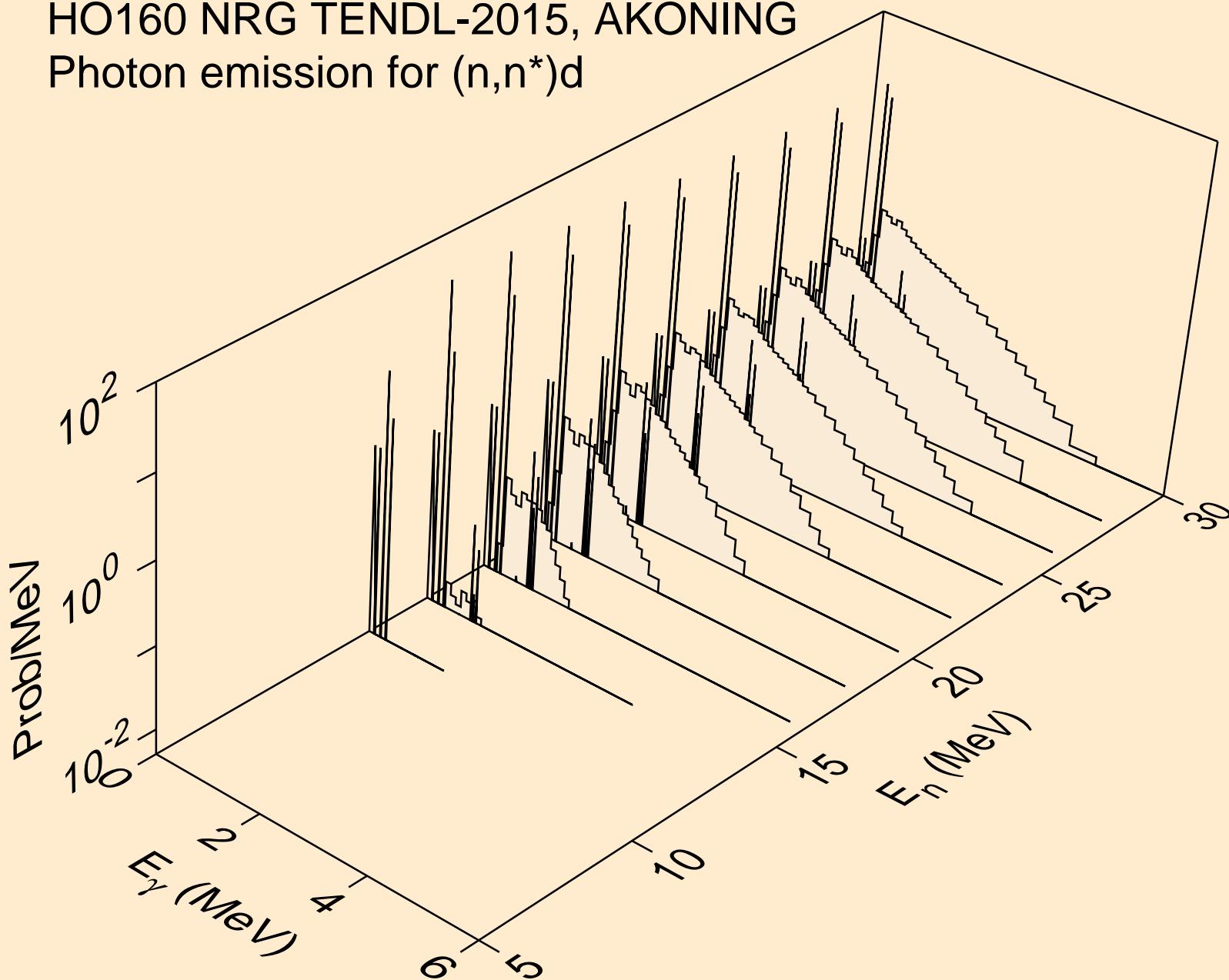
HO160 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)2a$



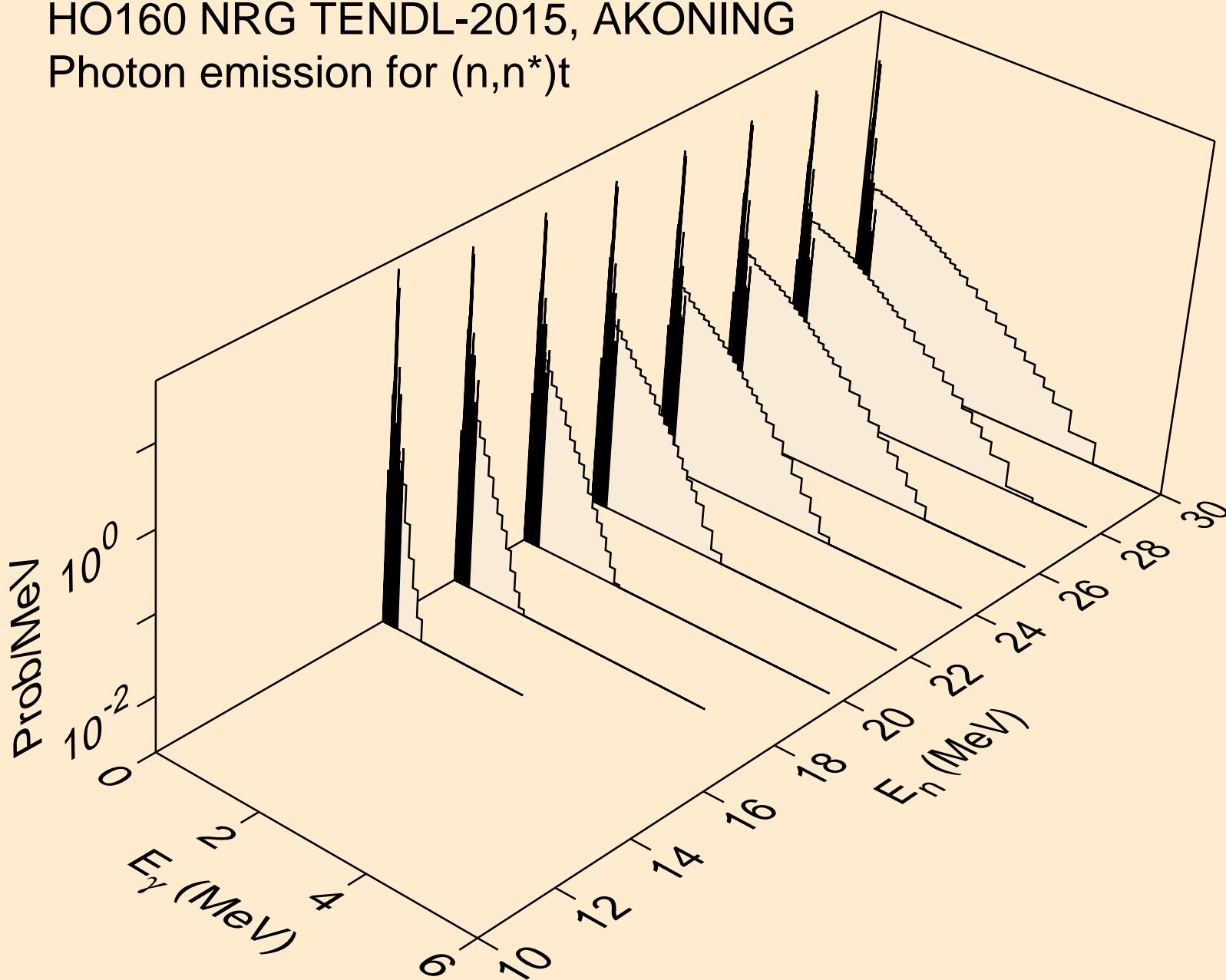
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



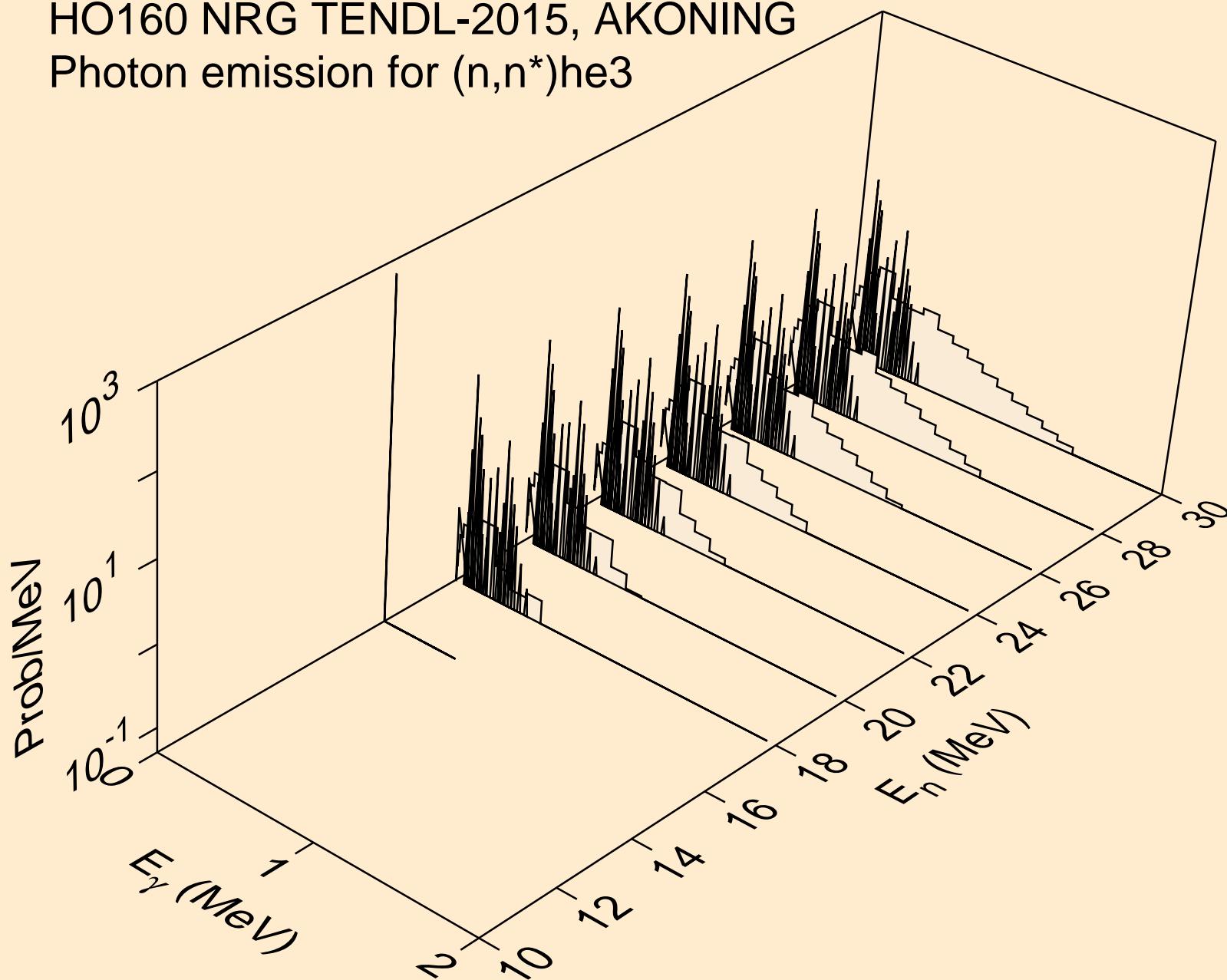
HO160 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



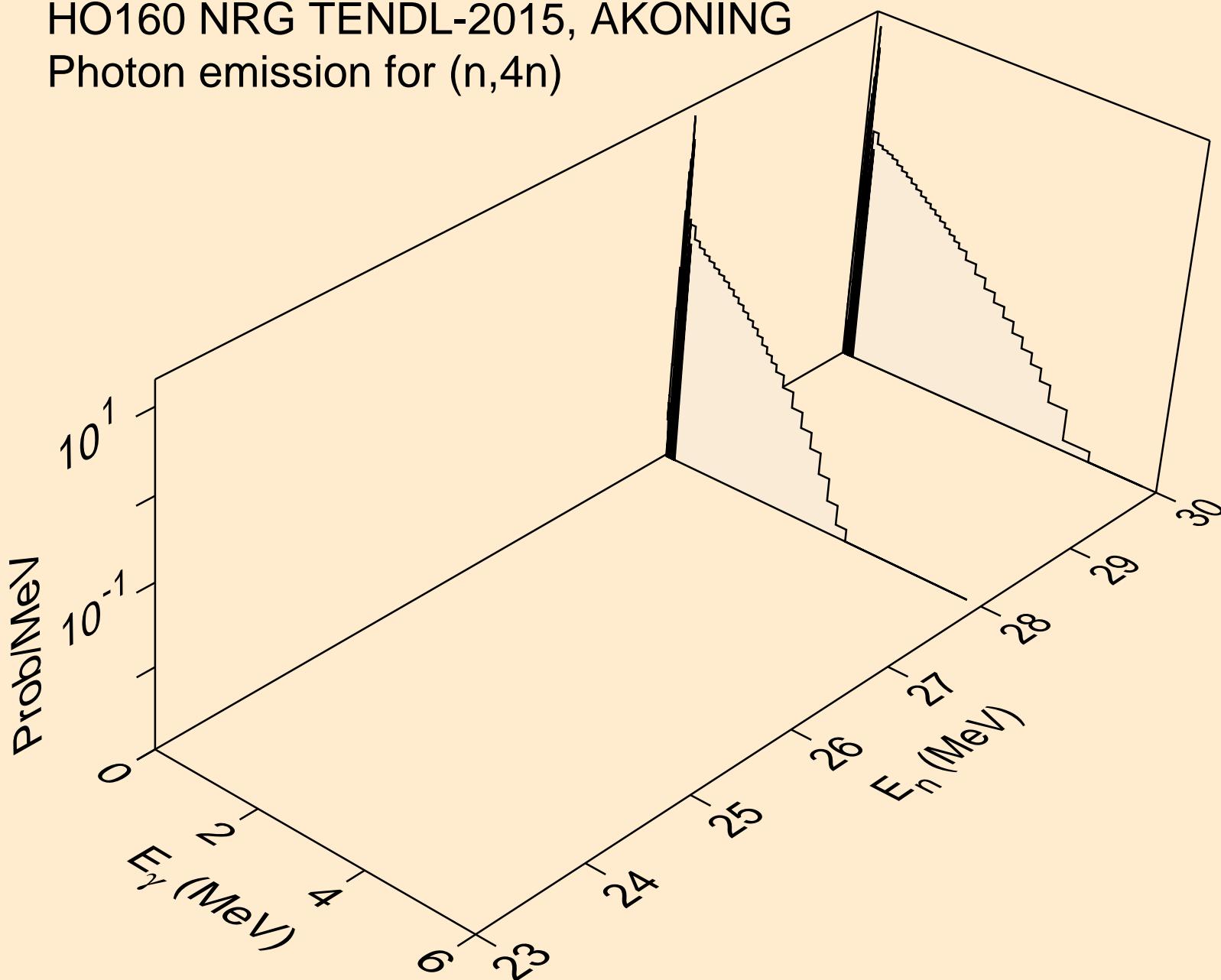
HO160 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



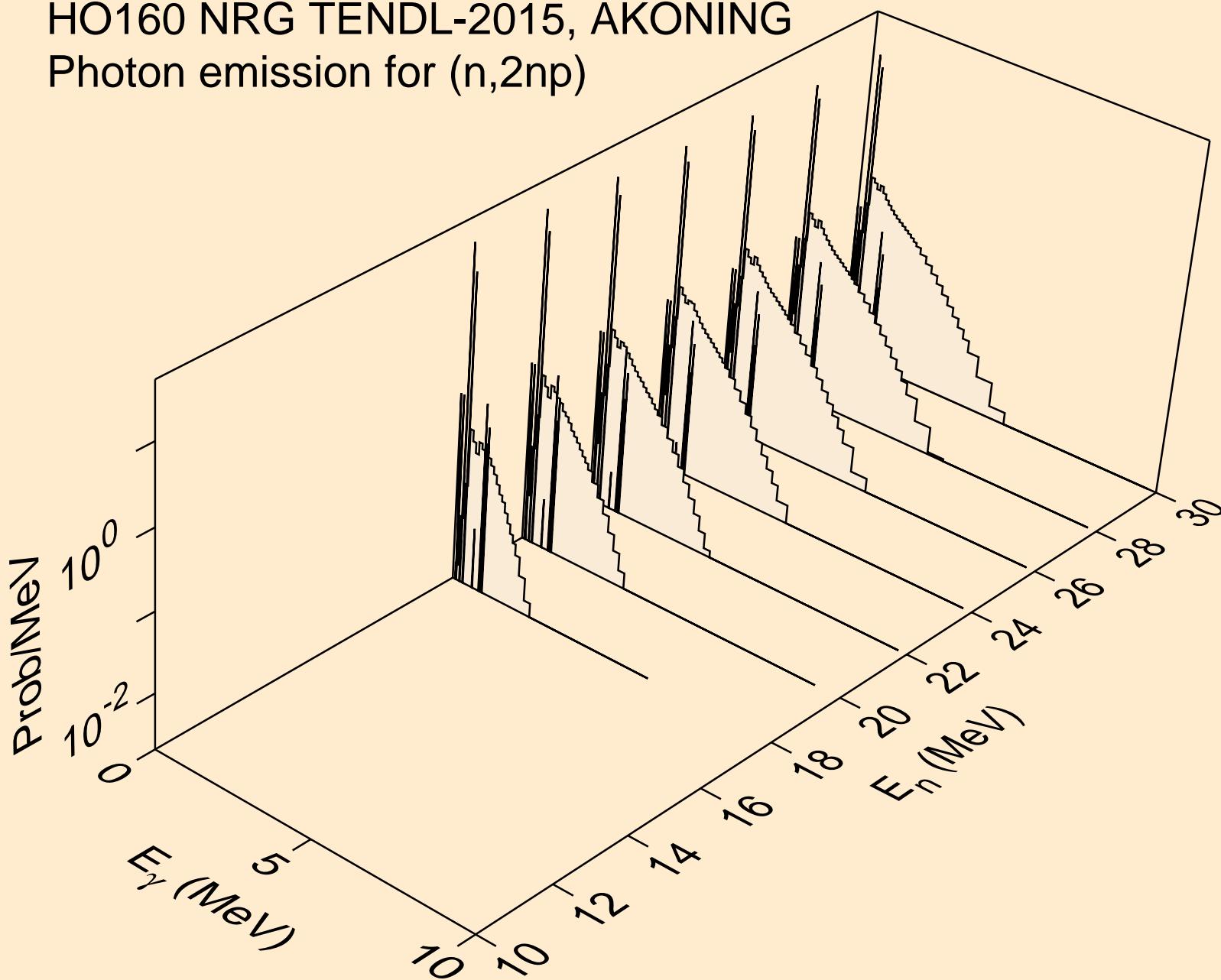
HO160 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



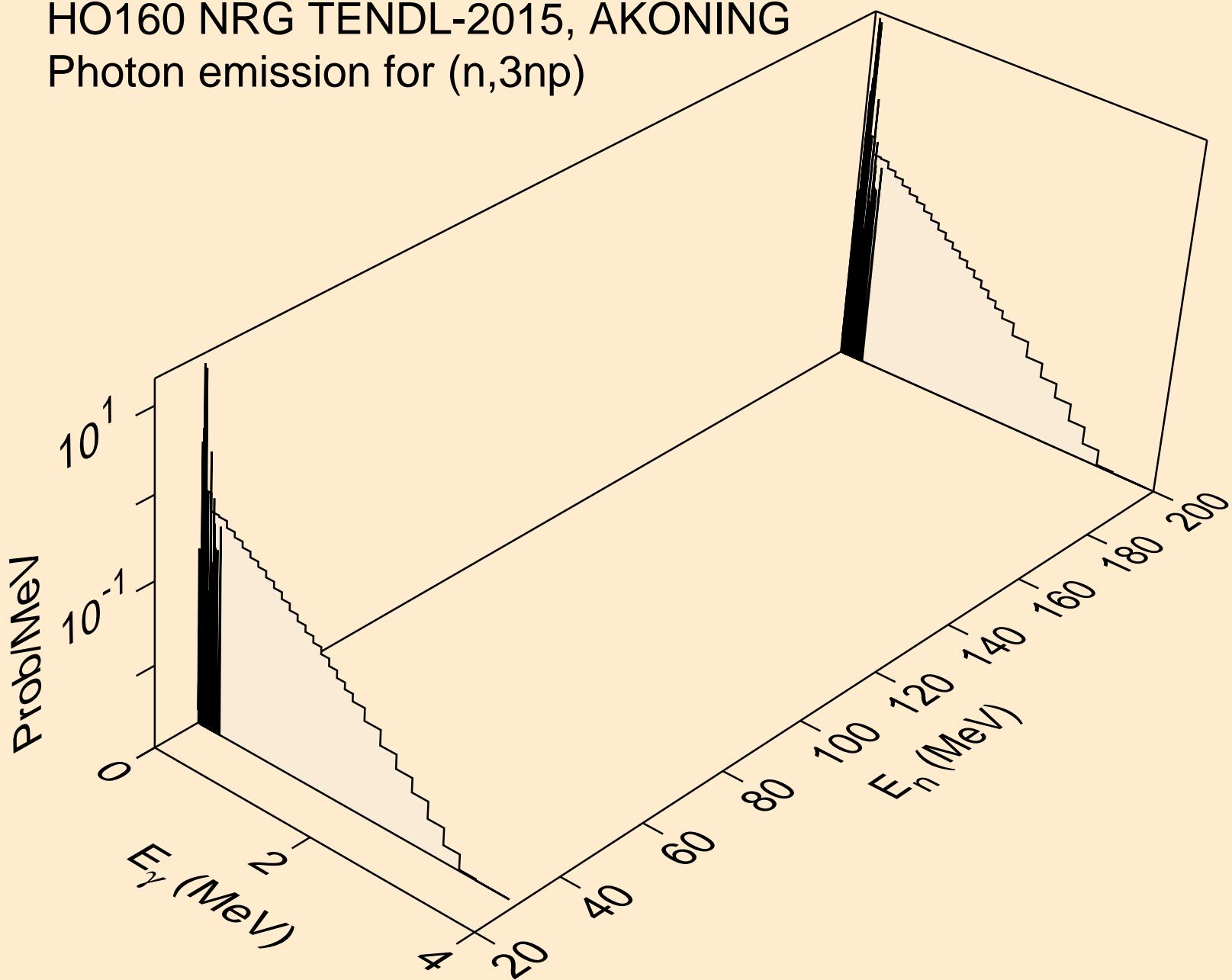
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



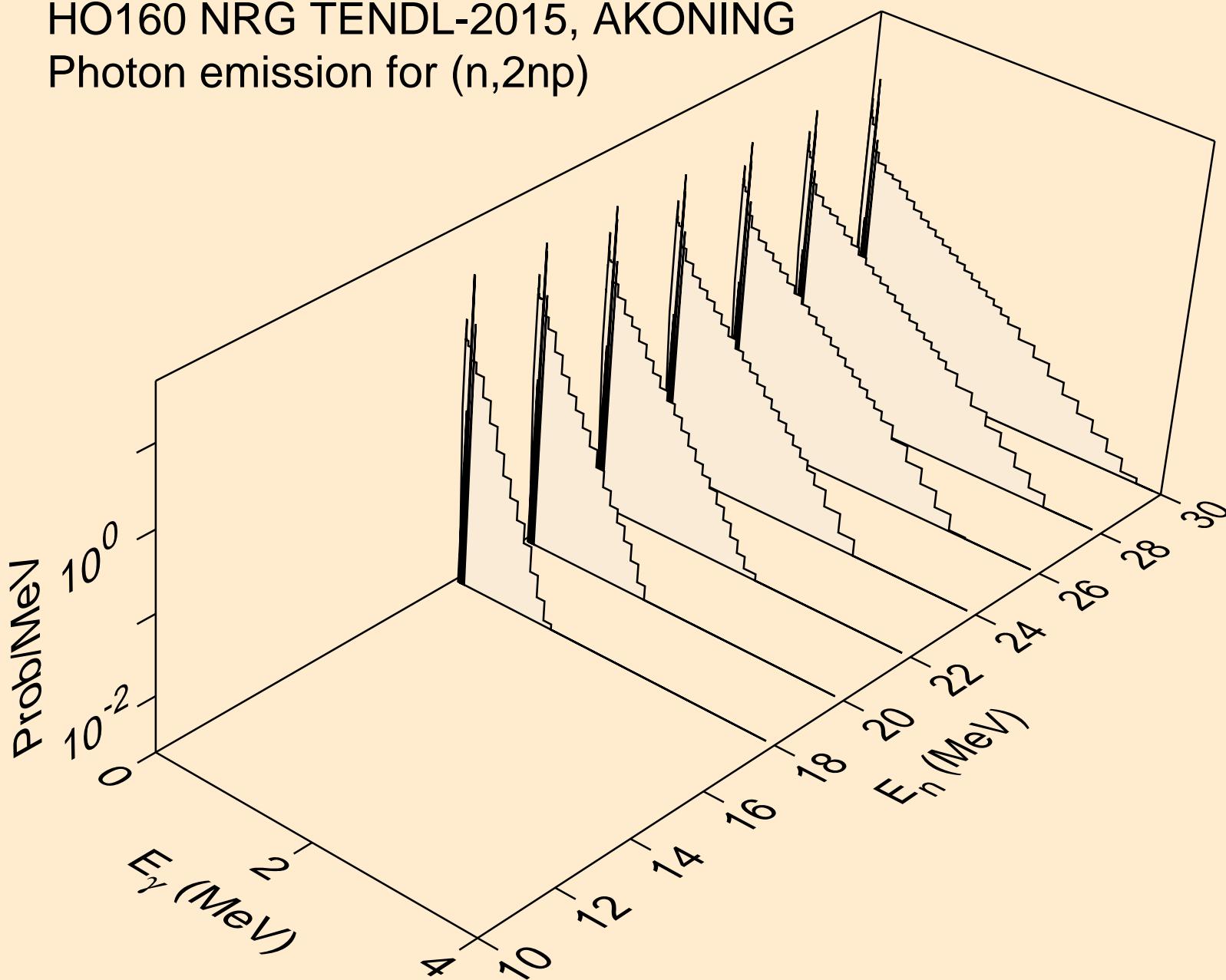
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



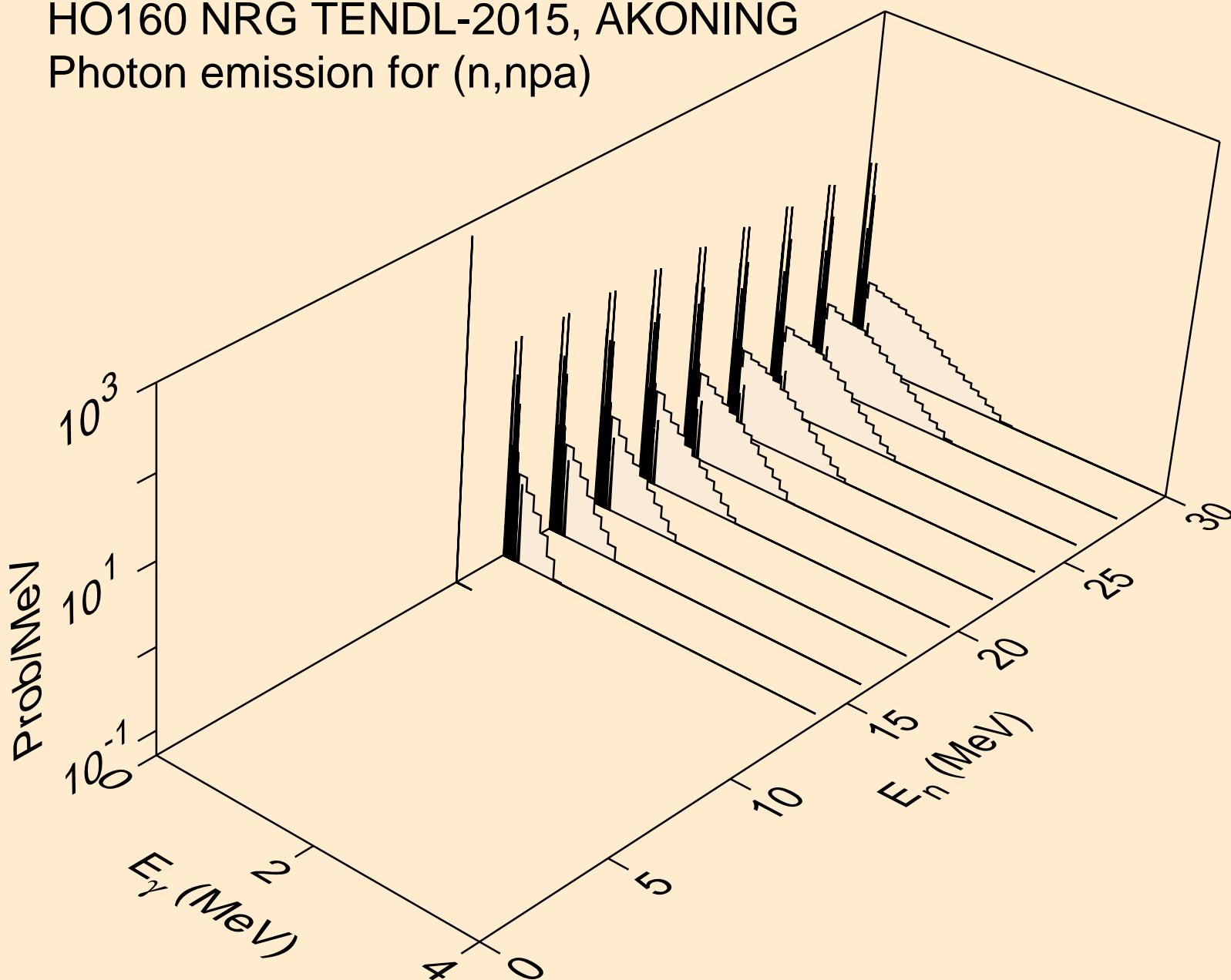
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



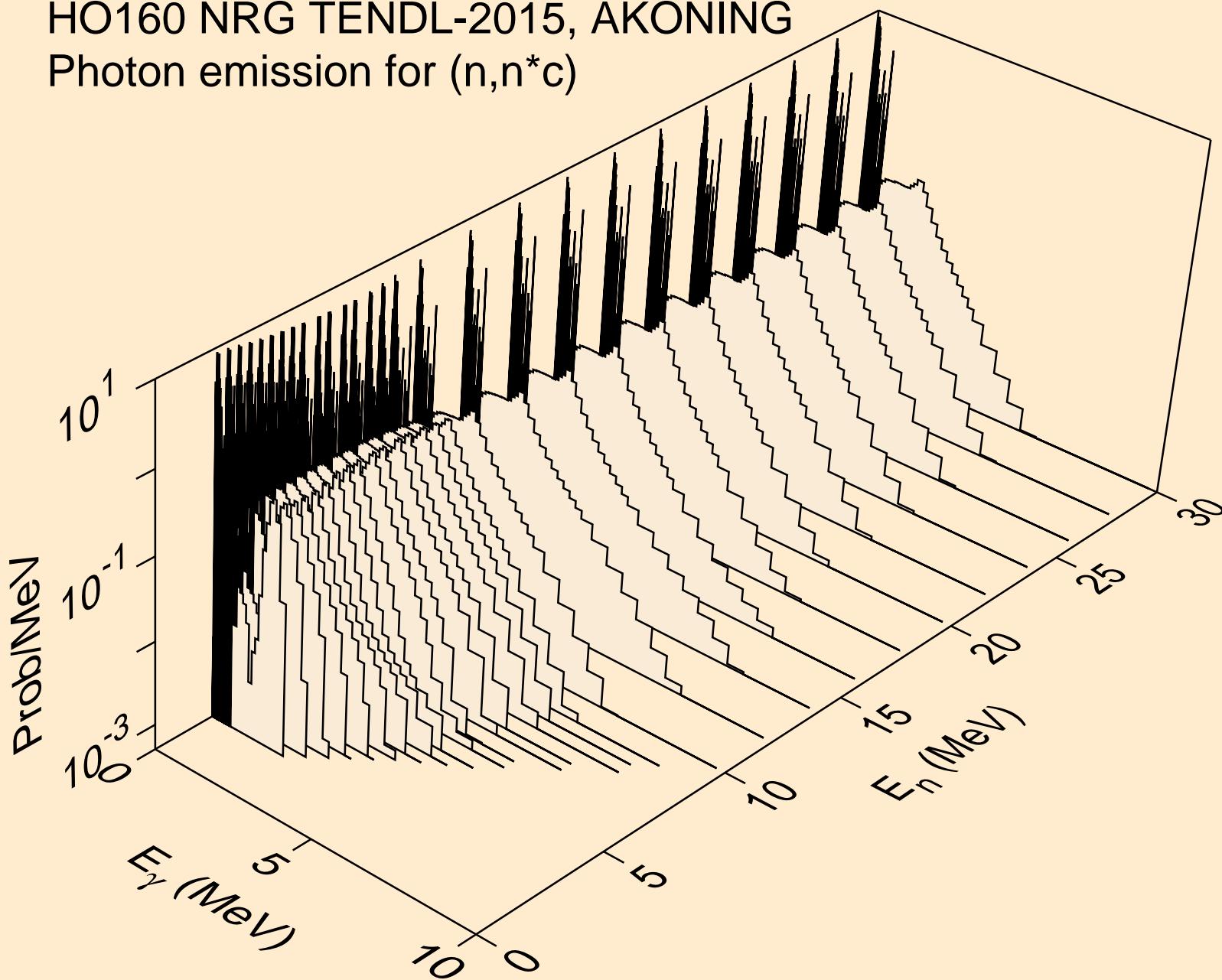
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Photon emission for (n,2np)



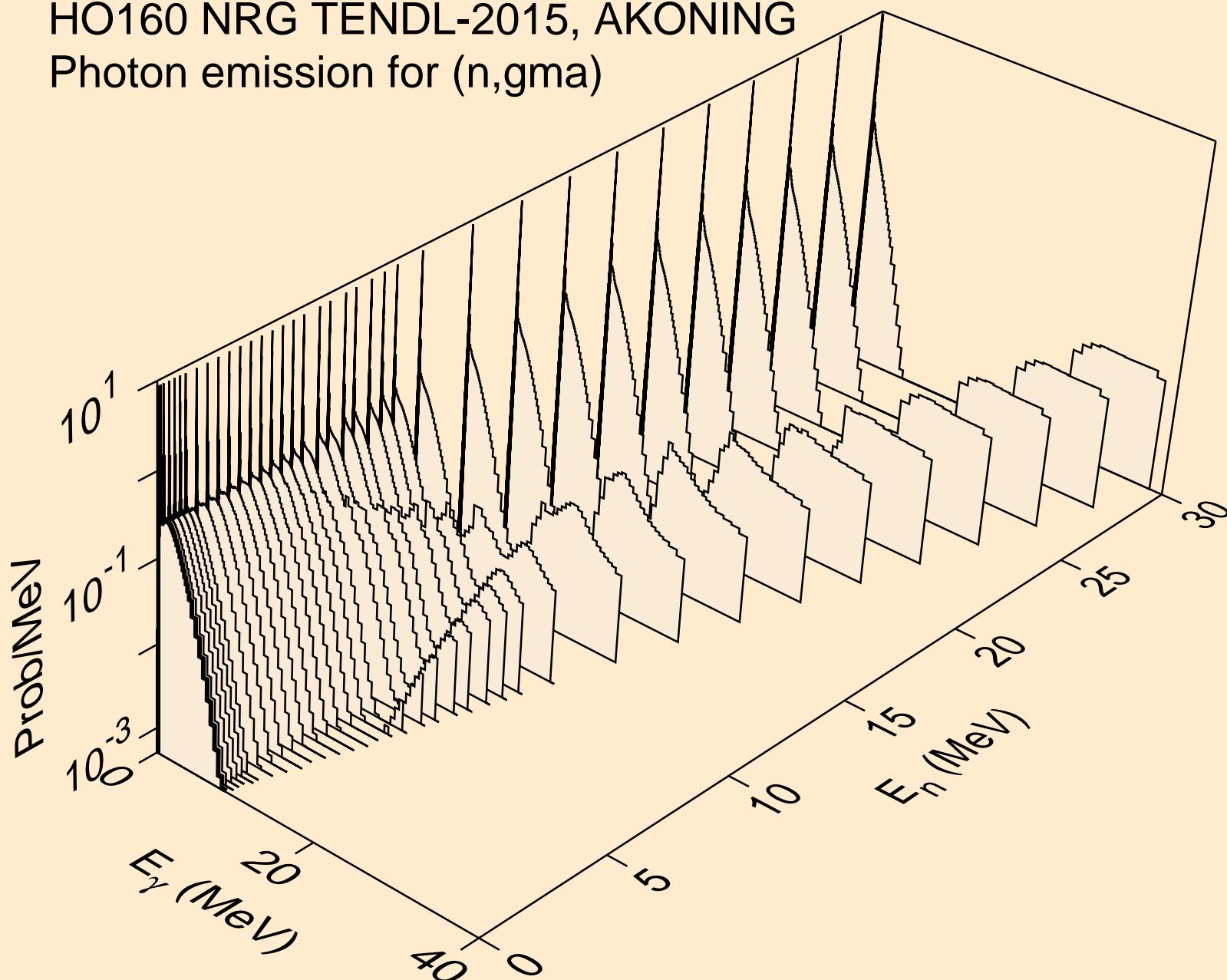
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



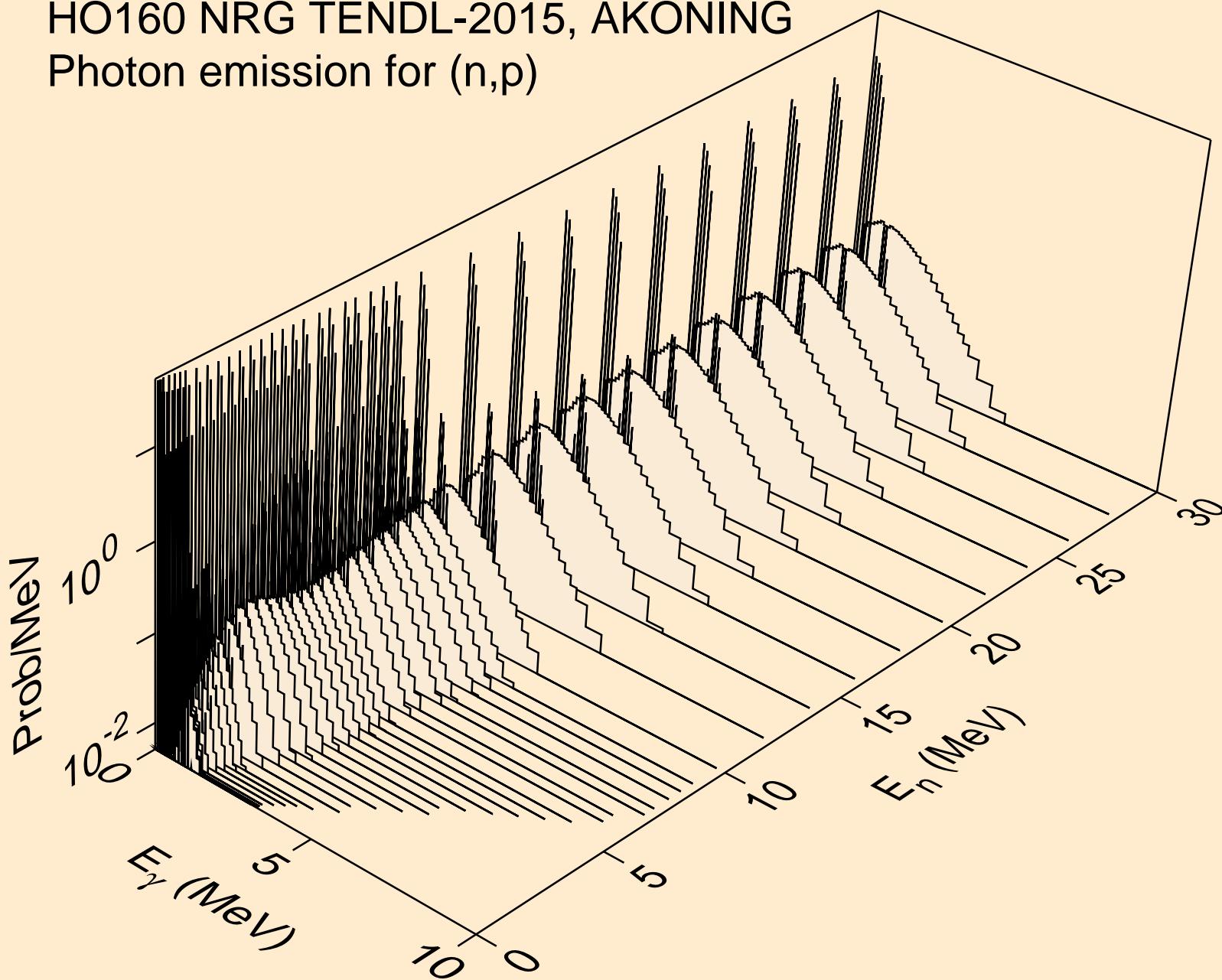
HO160 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*c)$



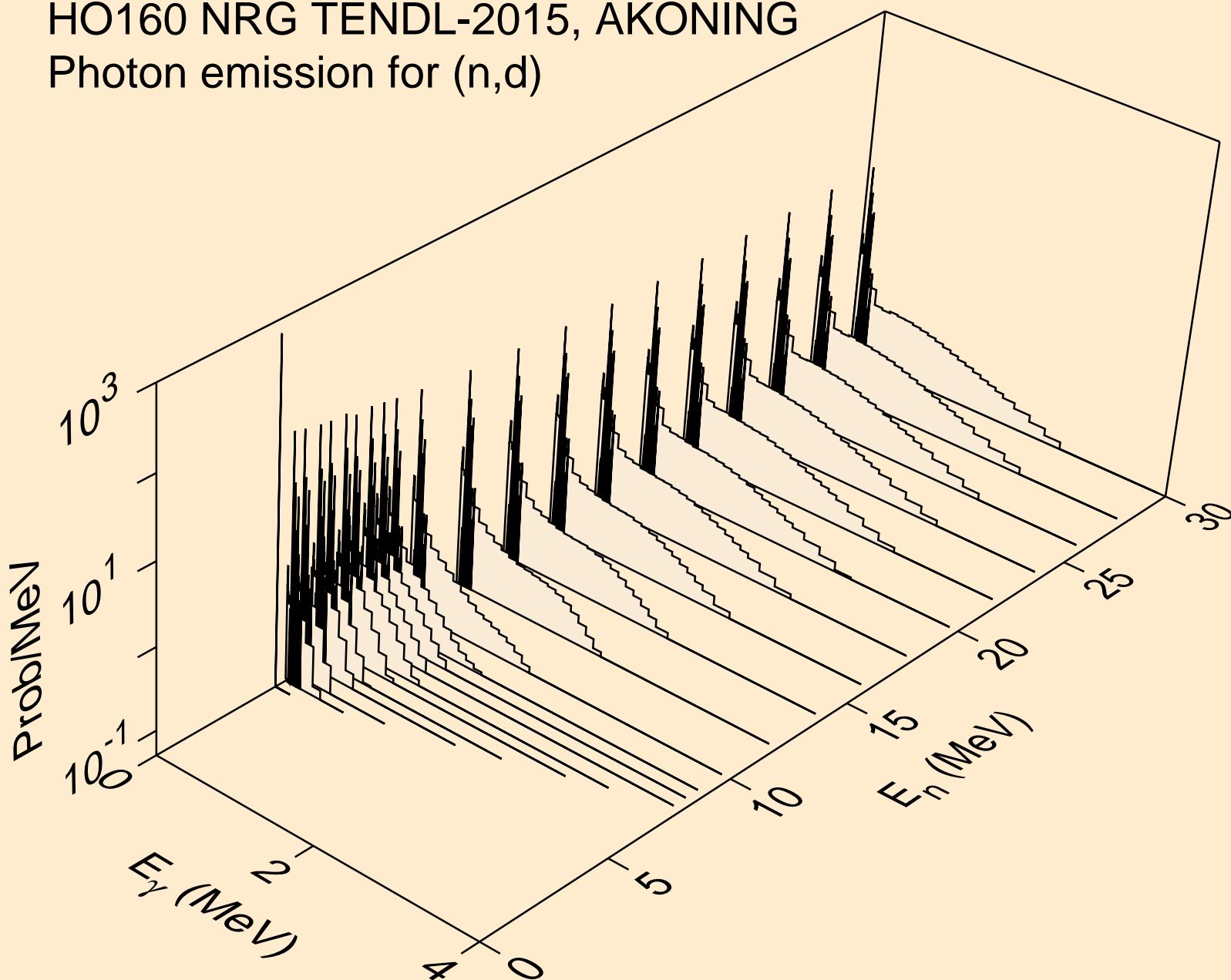
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



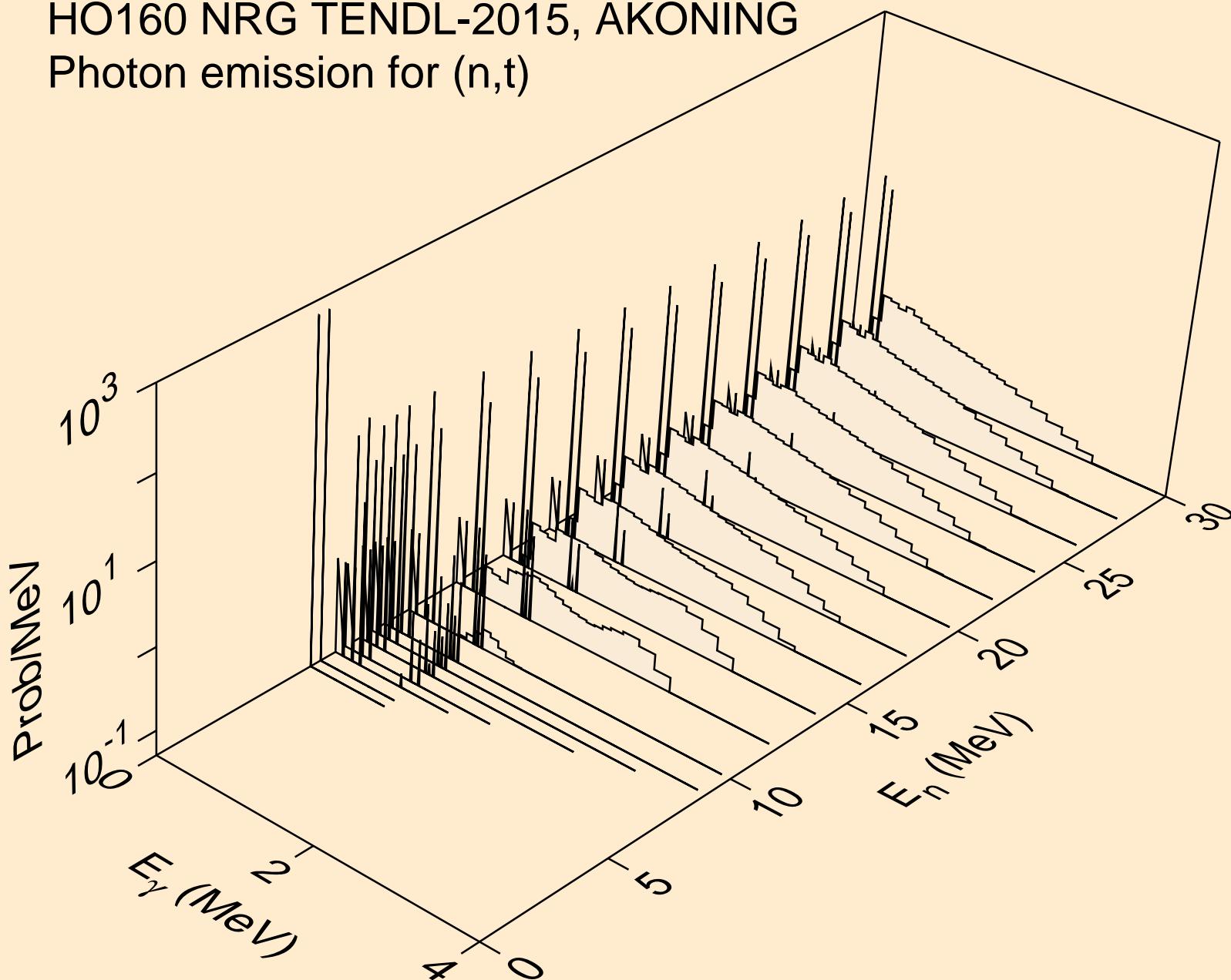
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



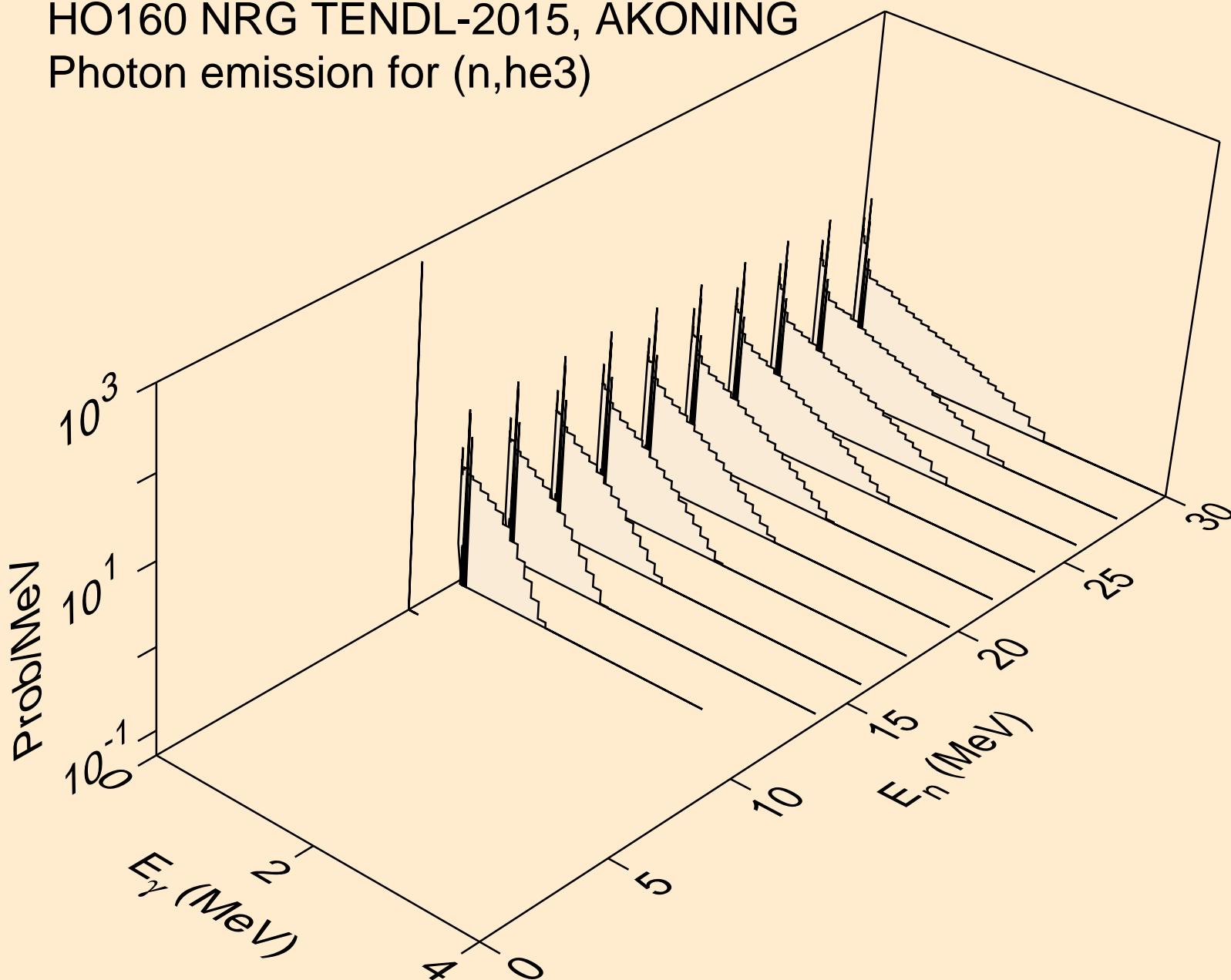
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



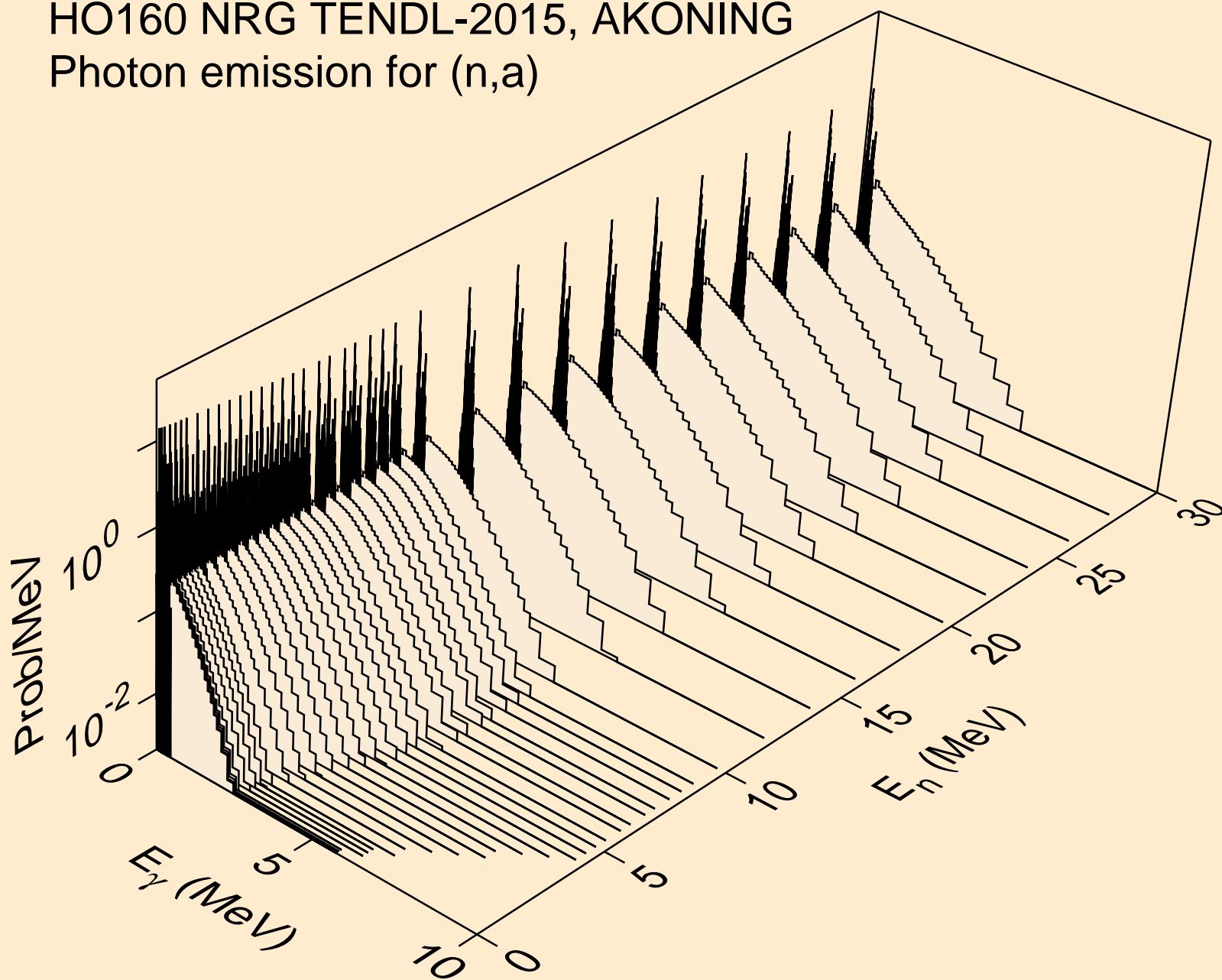
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



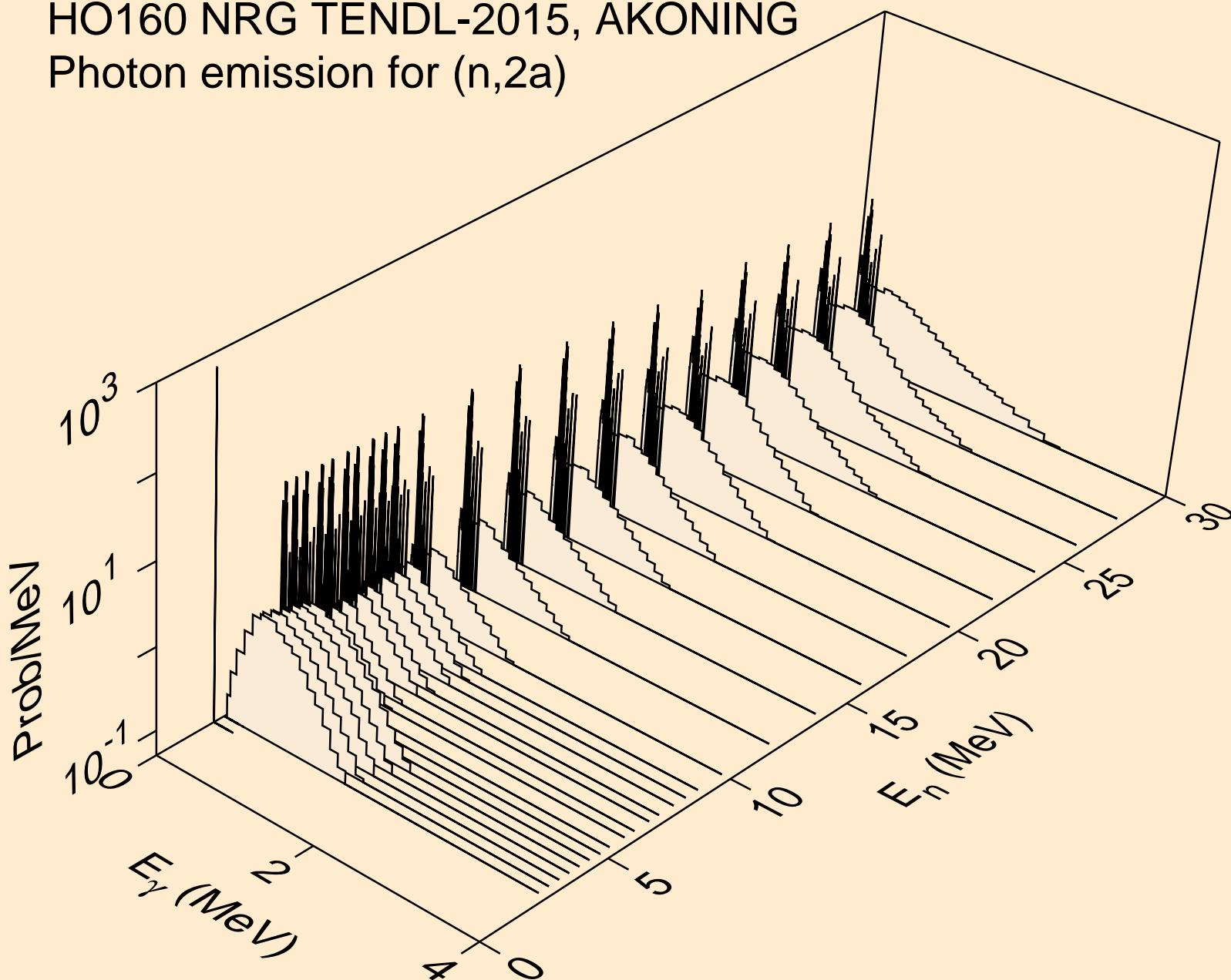
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



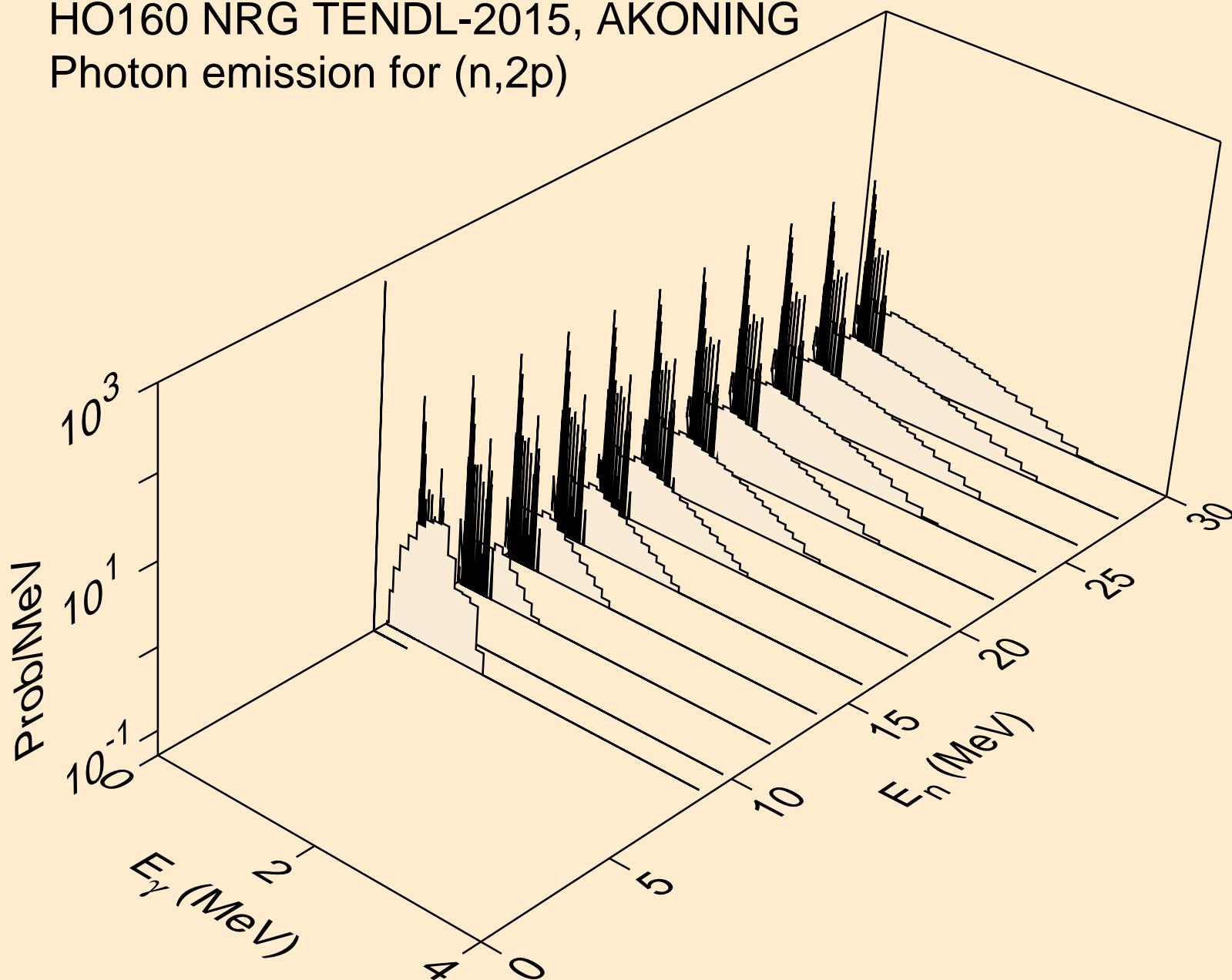
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



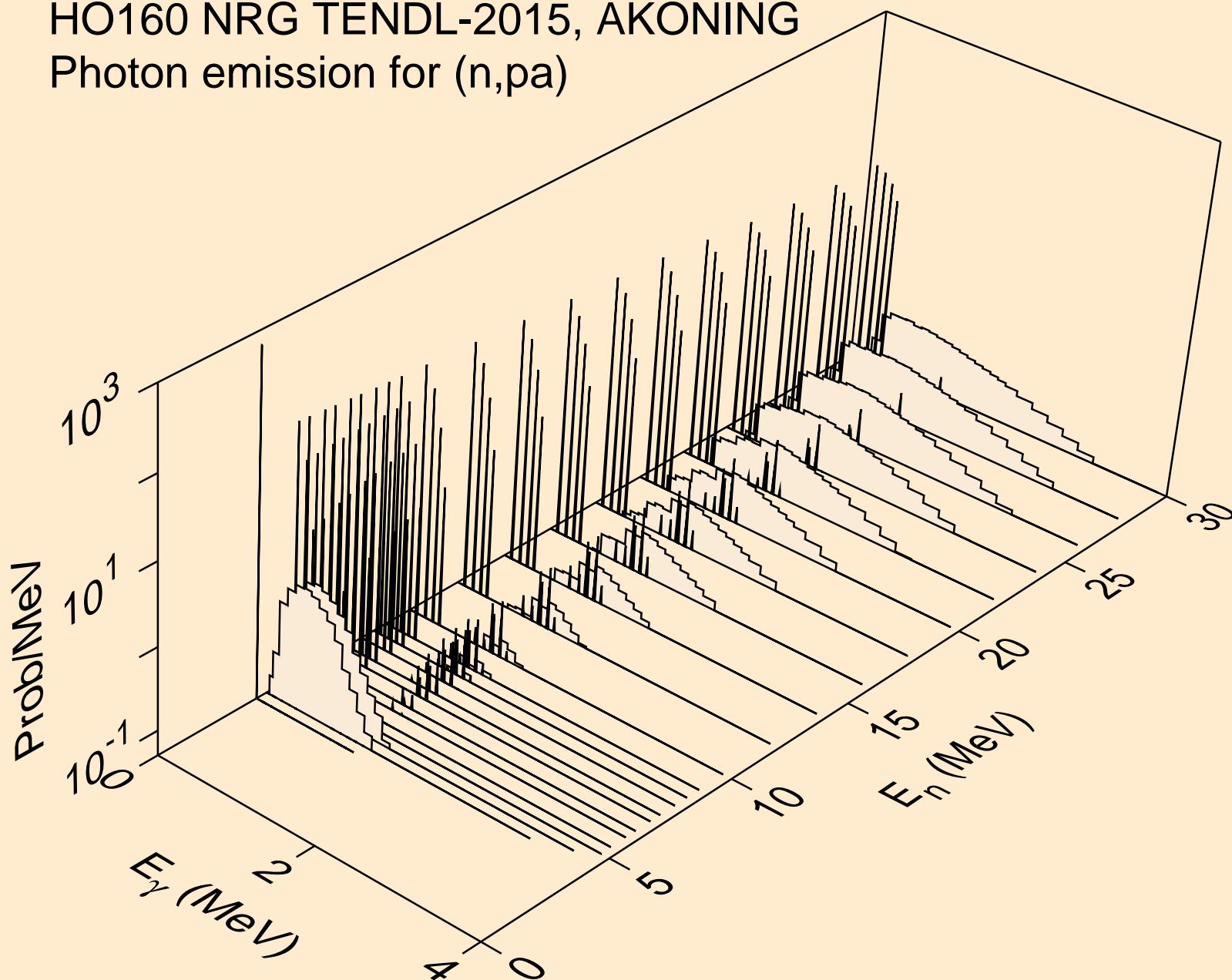
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



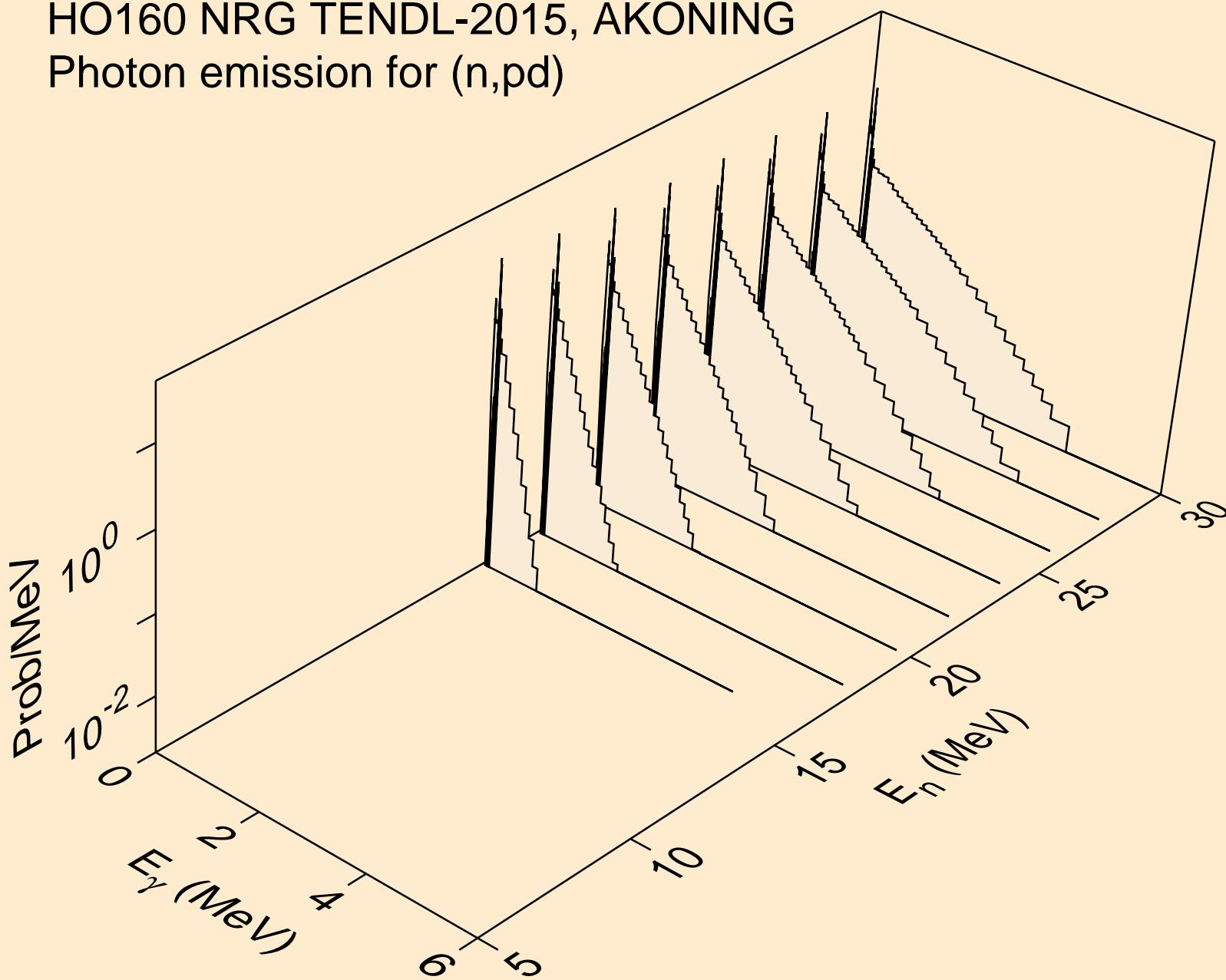
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



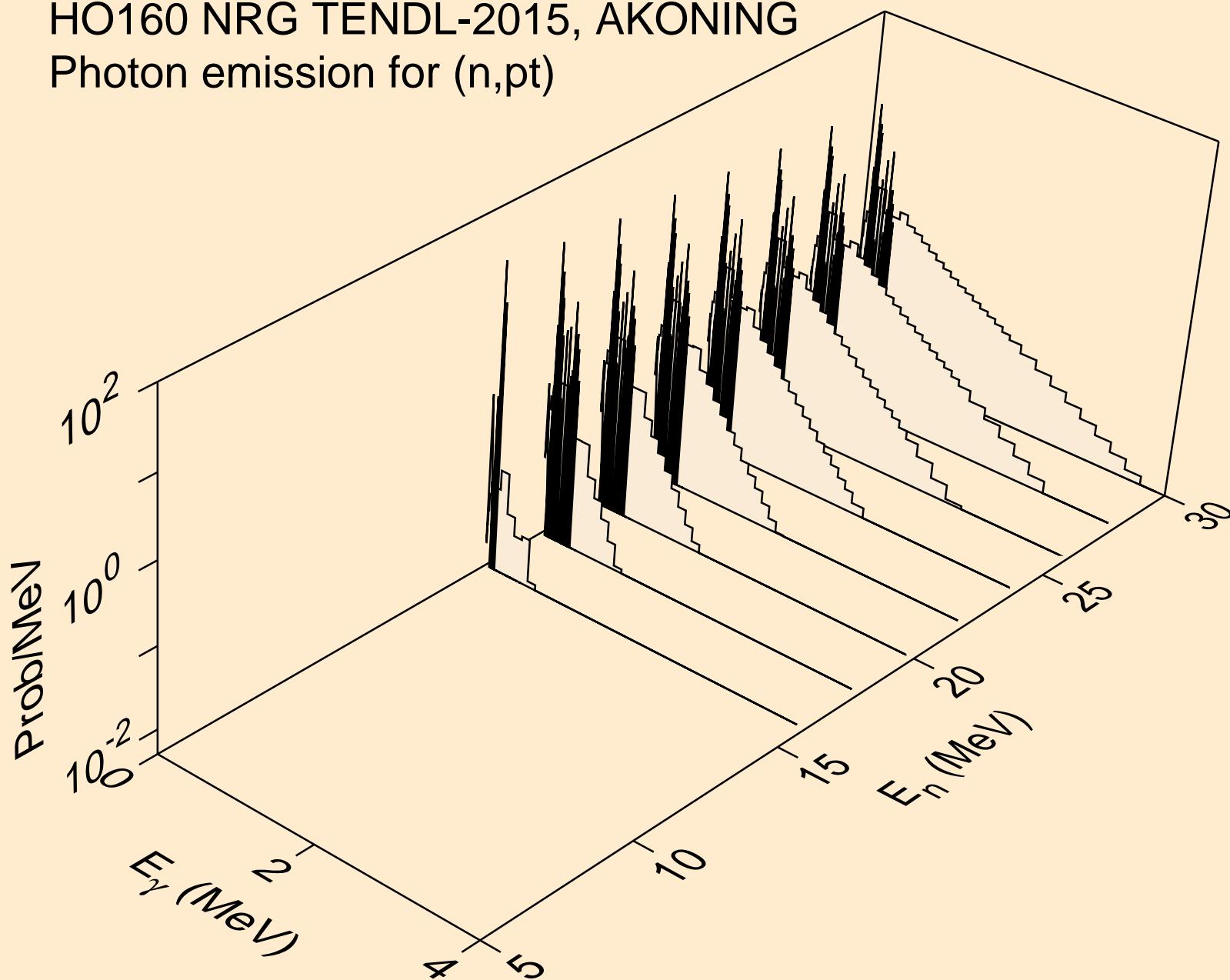
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



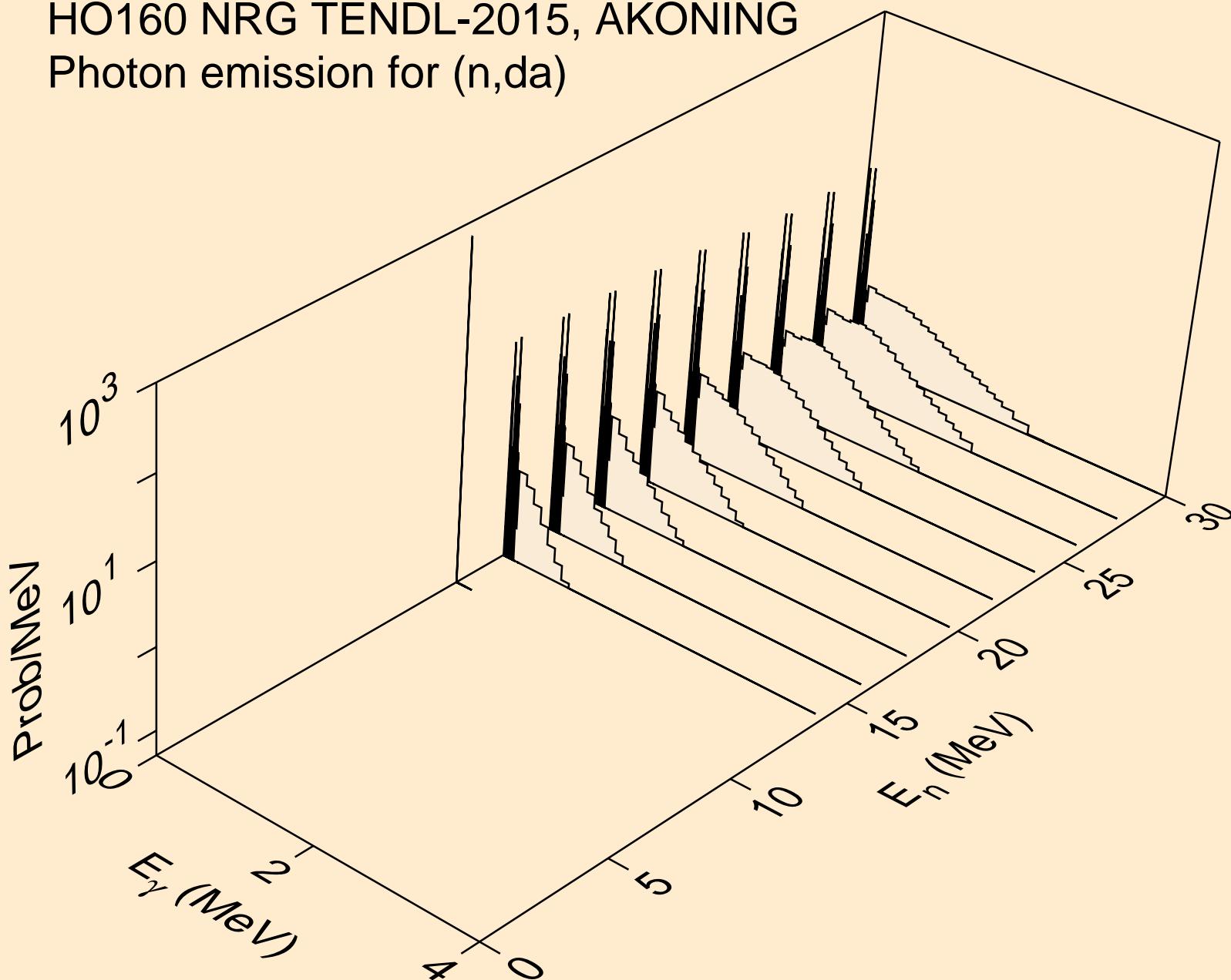
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



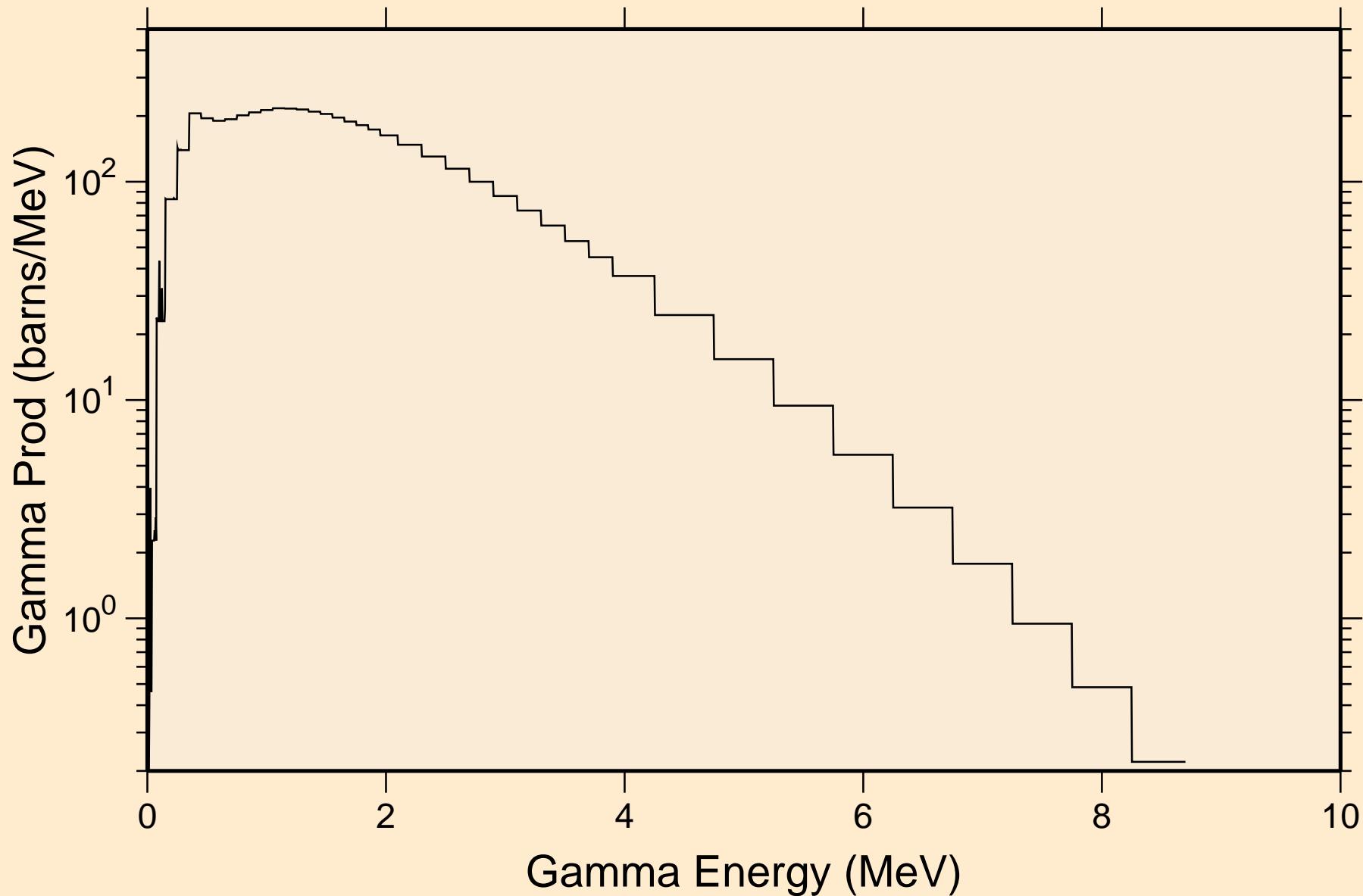
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



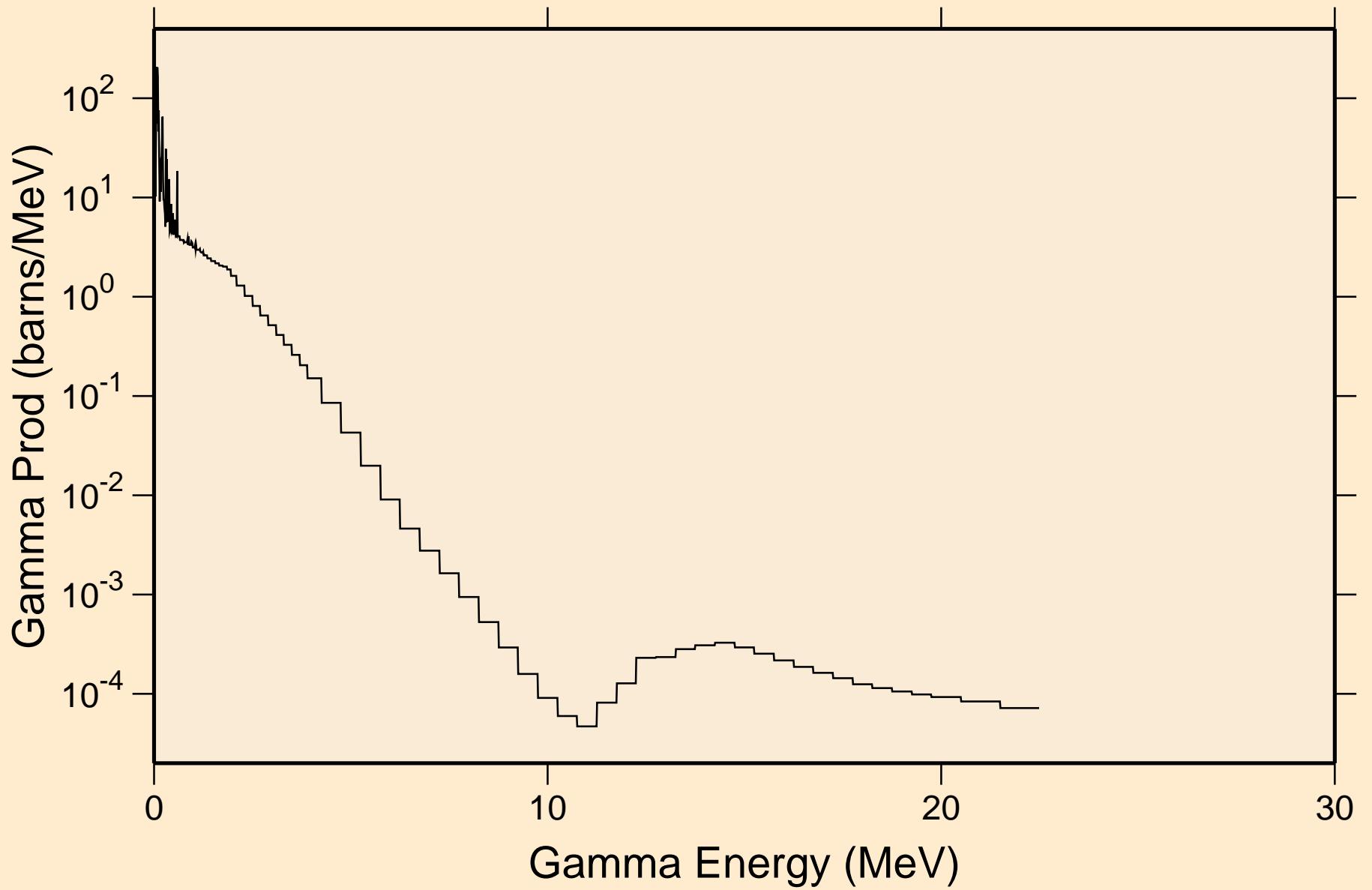
HO160 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



HO160 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

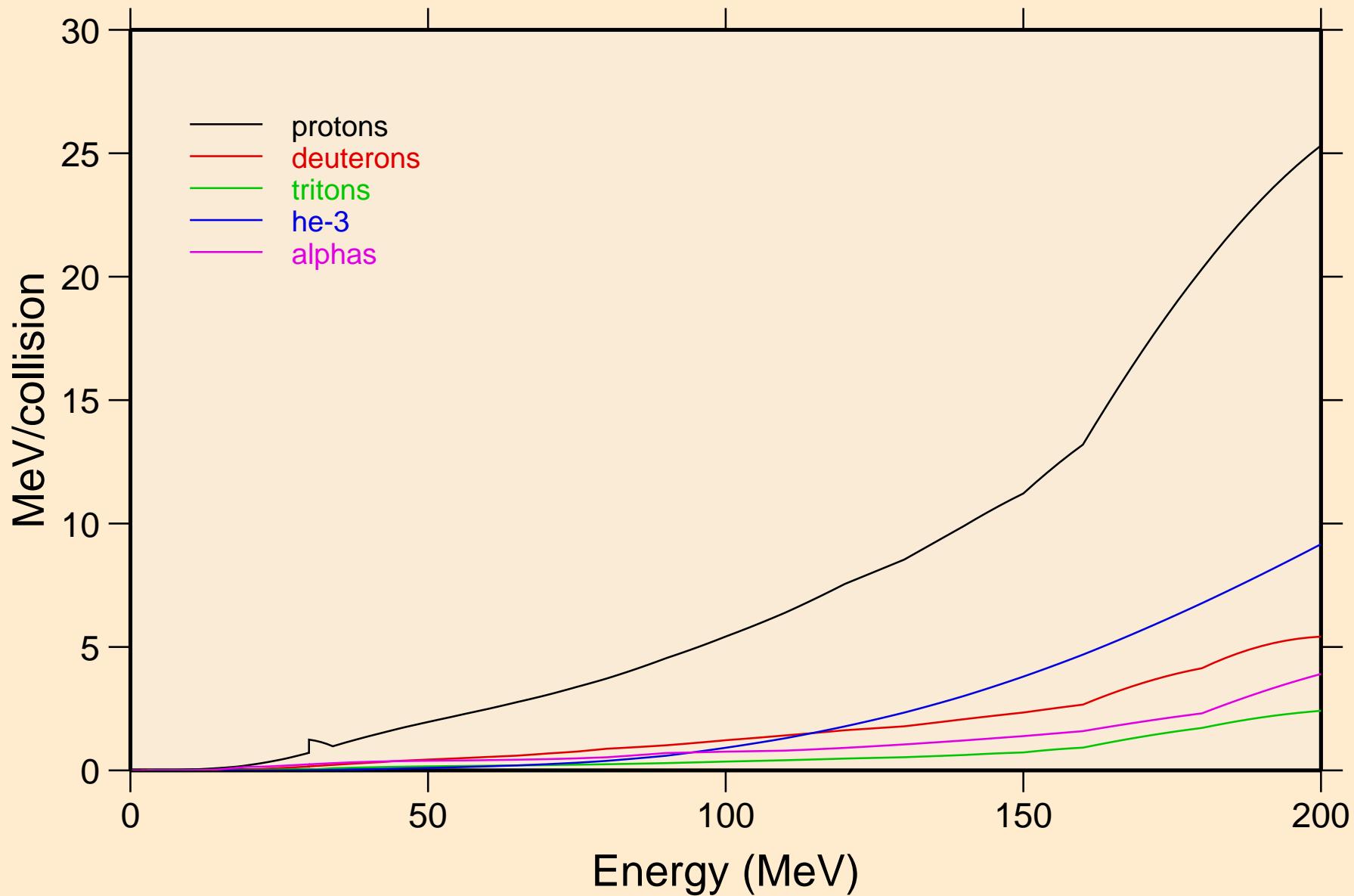


HO160 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



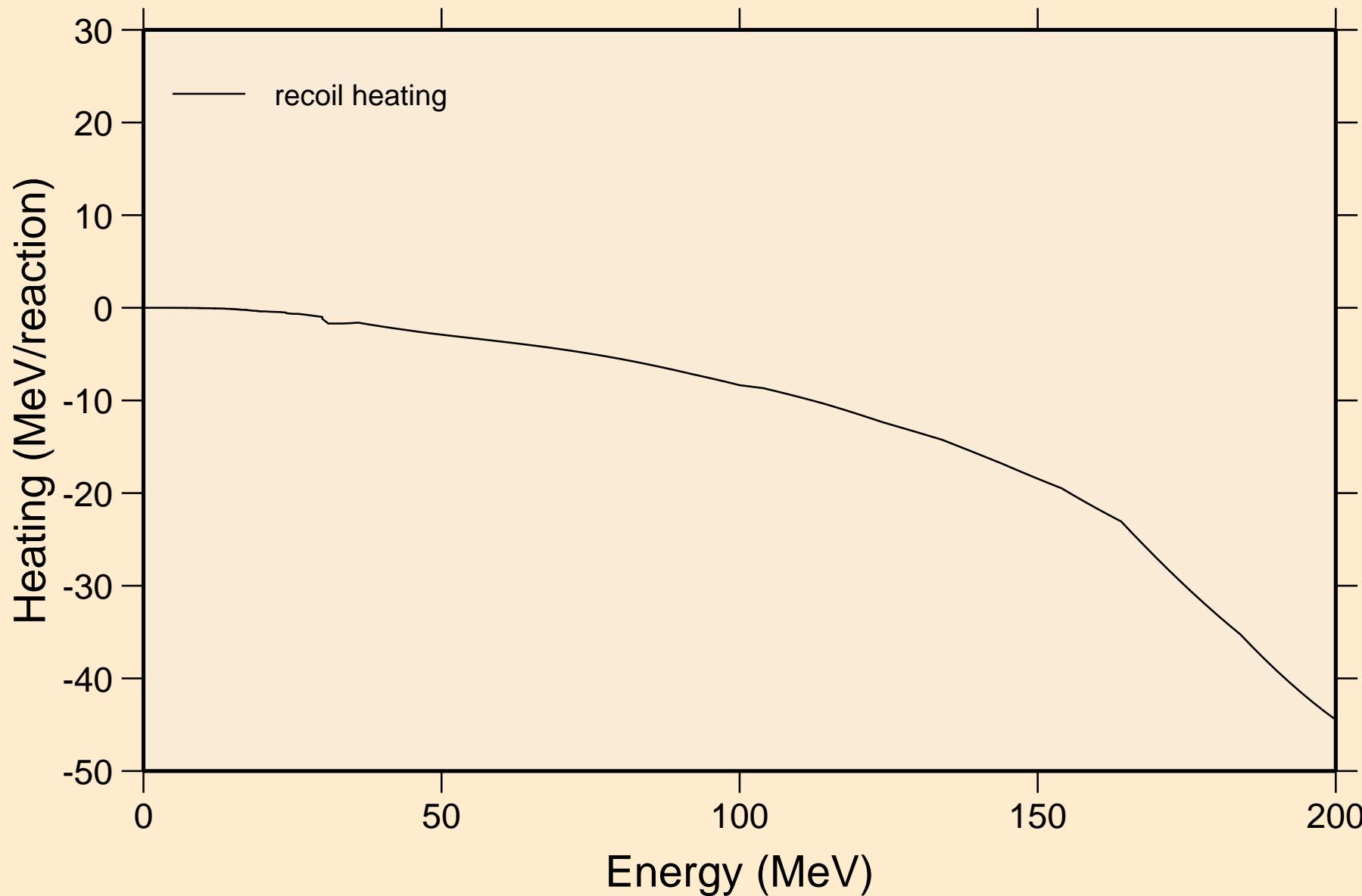
# HO160 NRG TENDL-2015, AKONING

## Particle heating contributions



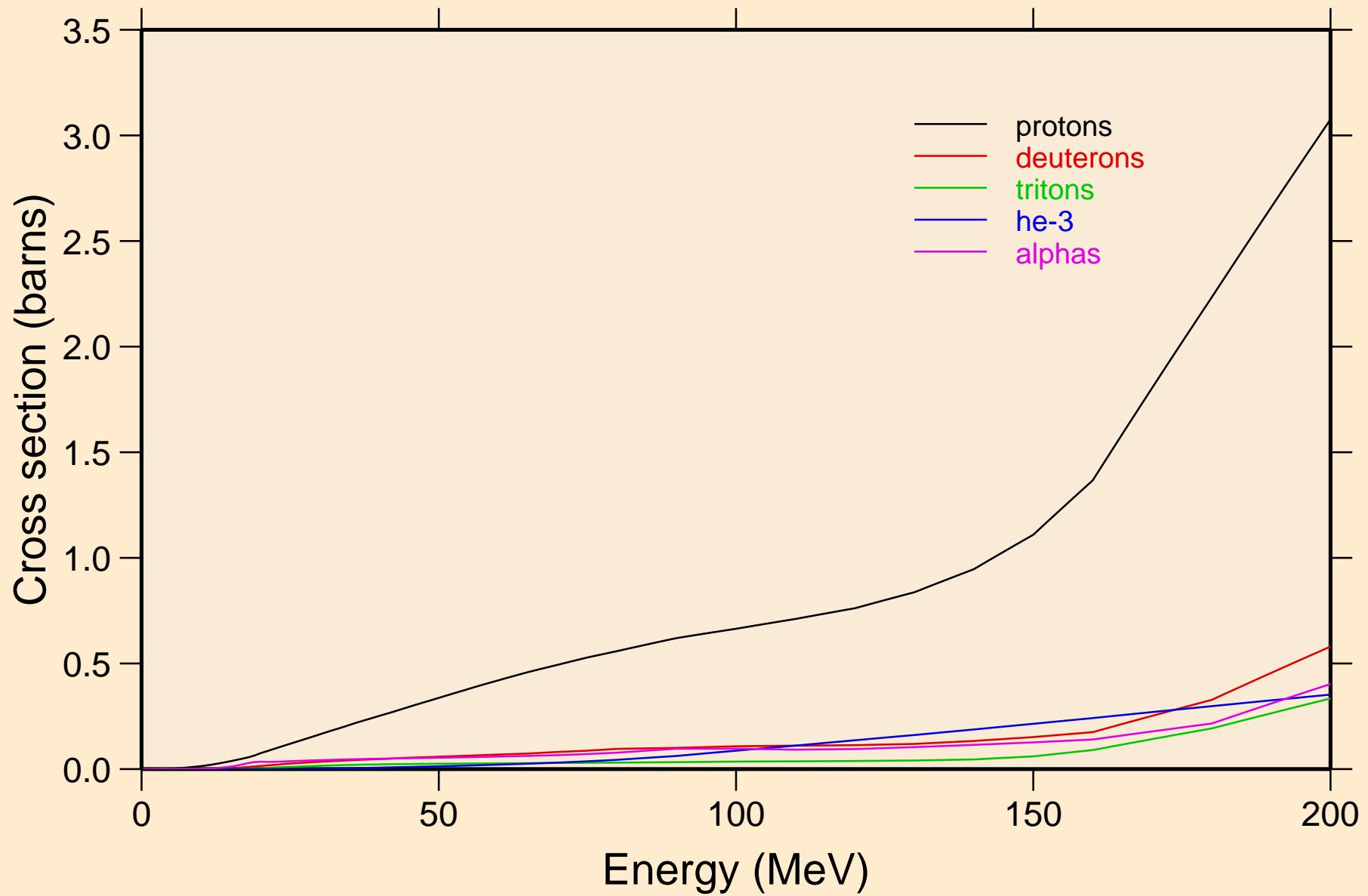
# HO160 NRG TENDL-2015, AKONING

## Recoil Heating

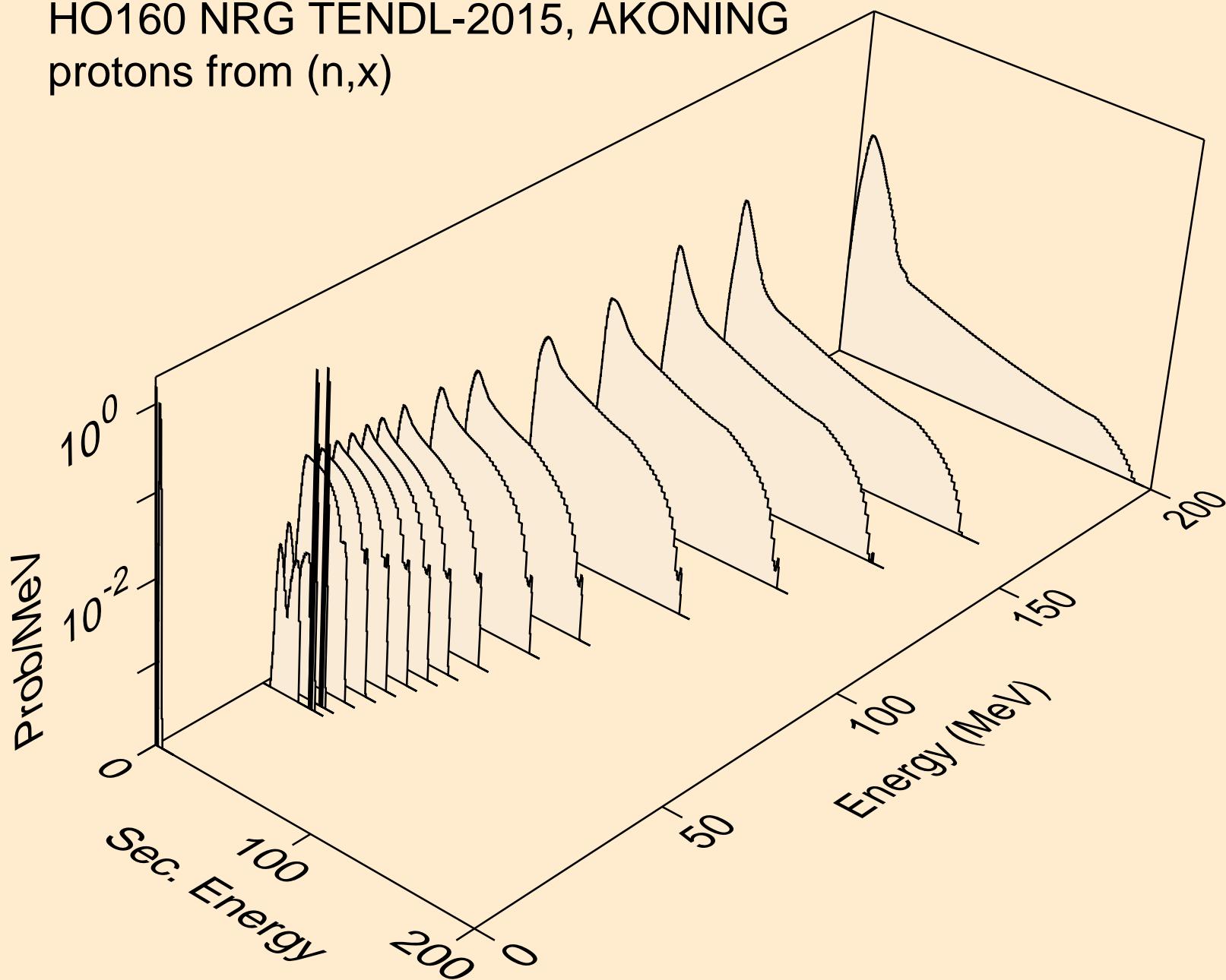


# HO160 NRG TENDL-2015, AKONING

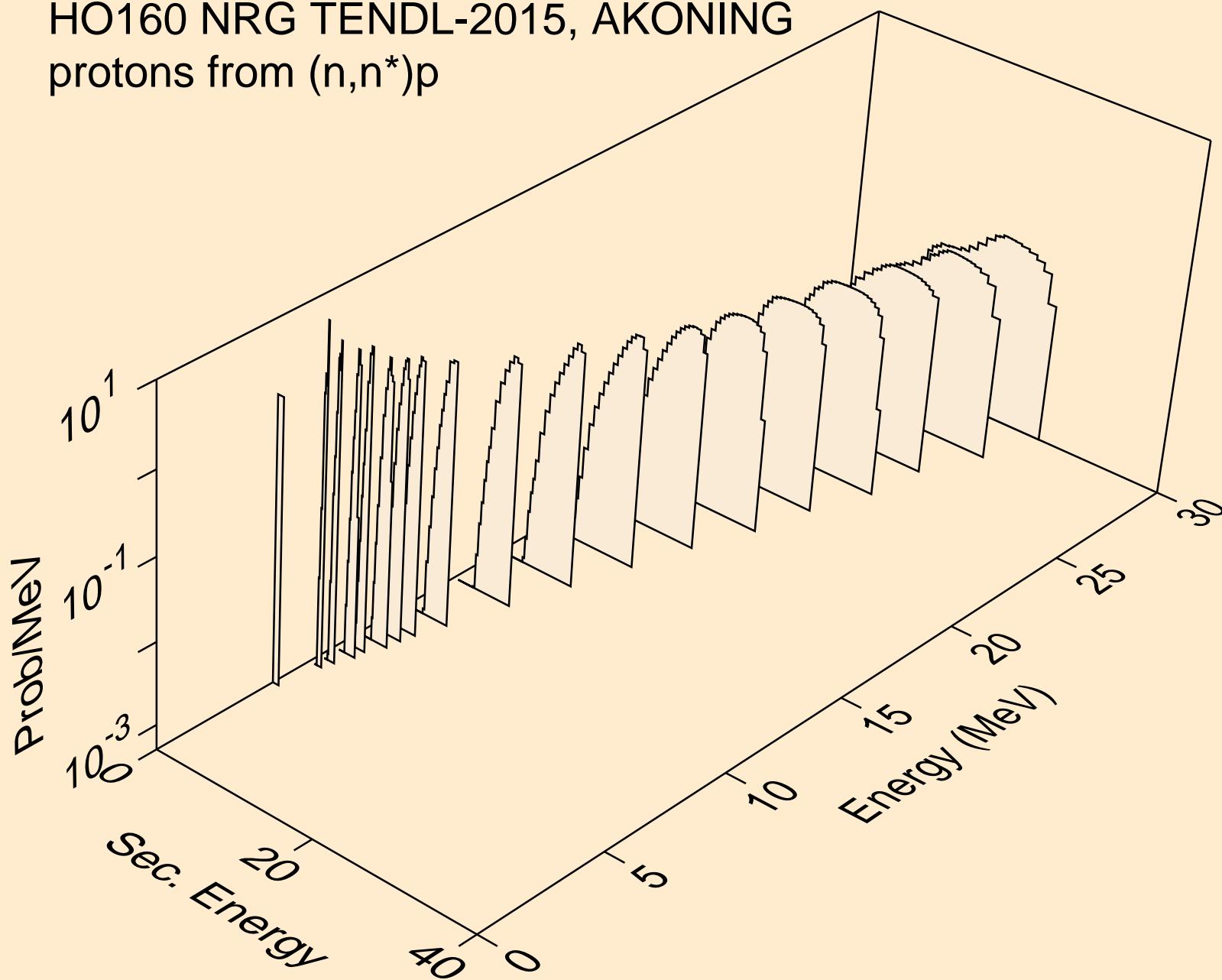
## Particle production cross sections



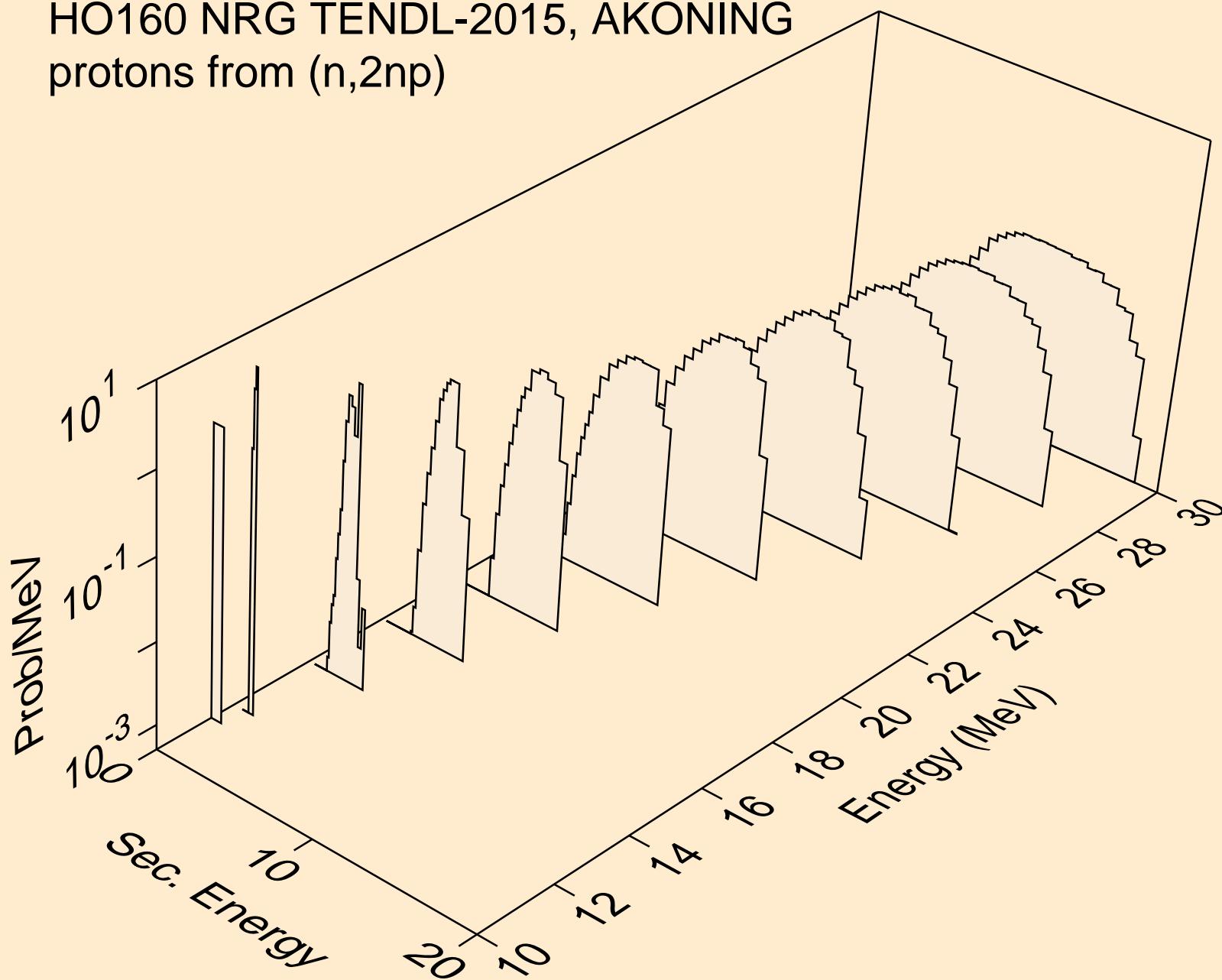
HO160 NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



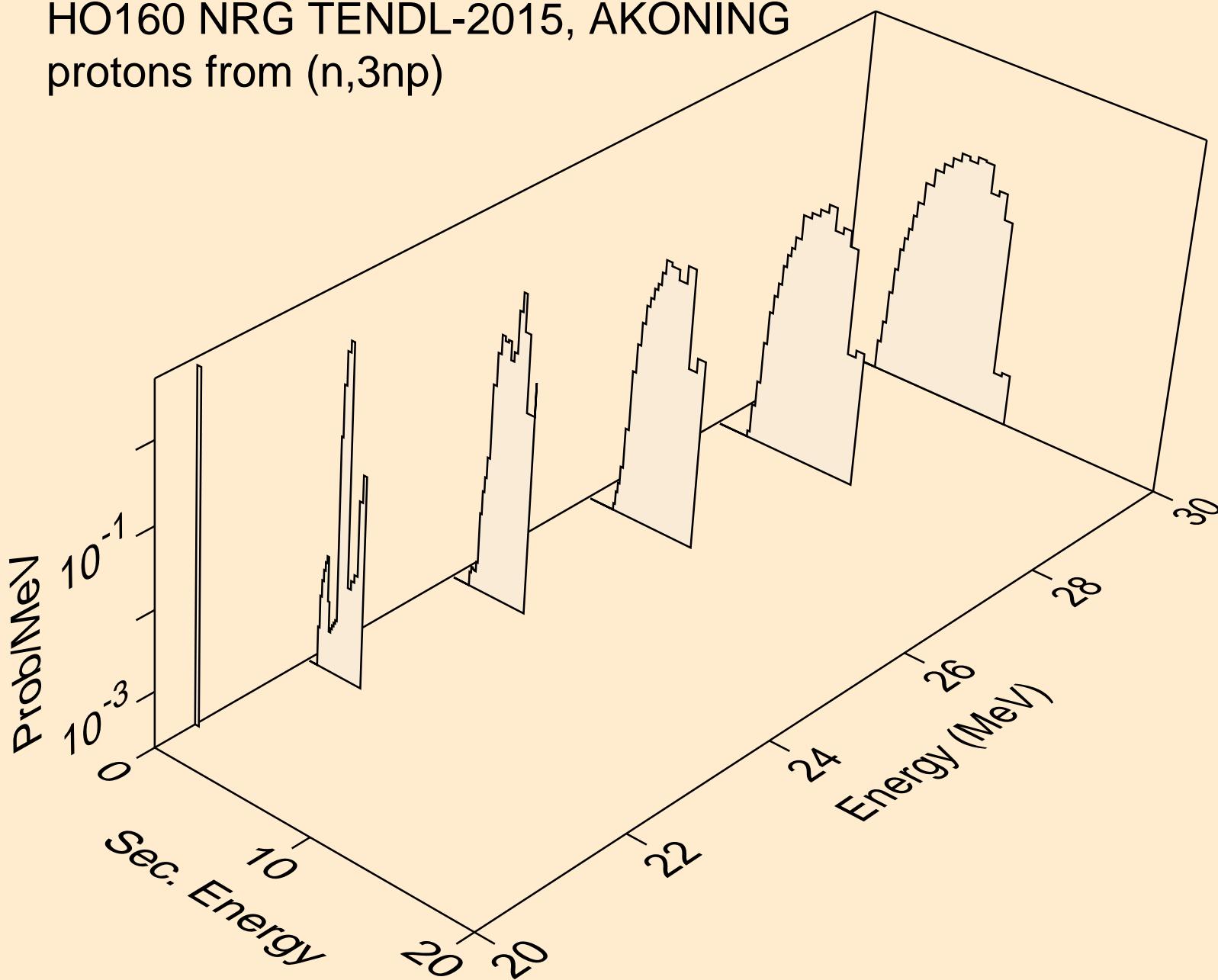
HO160 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



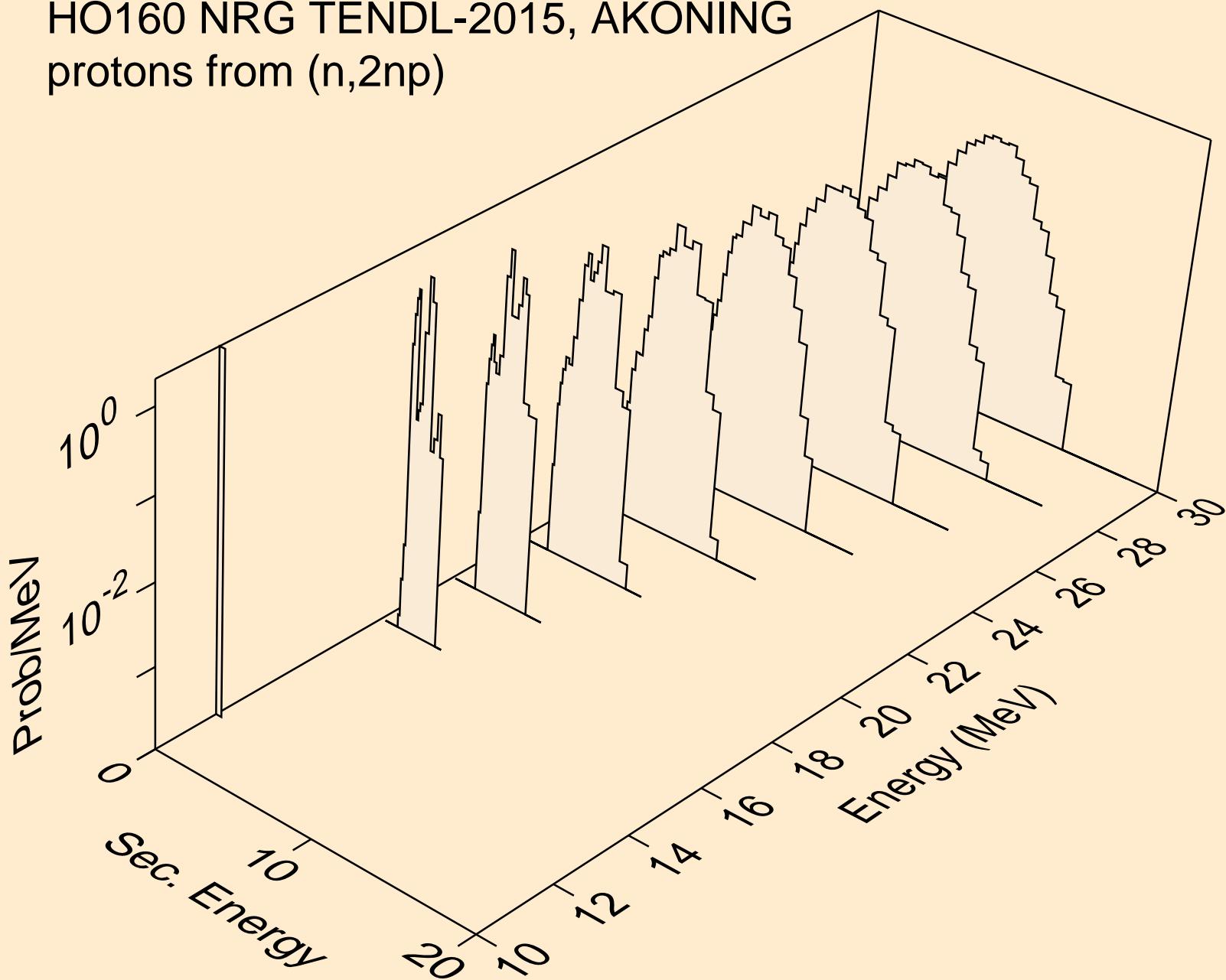
HO160 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



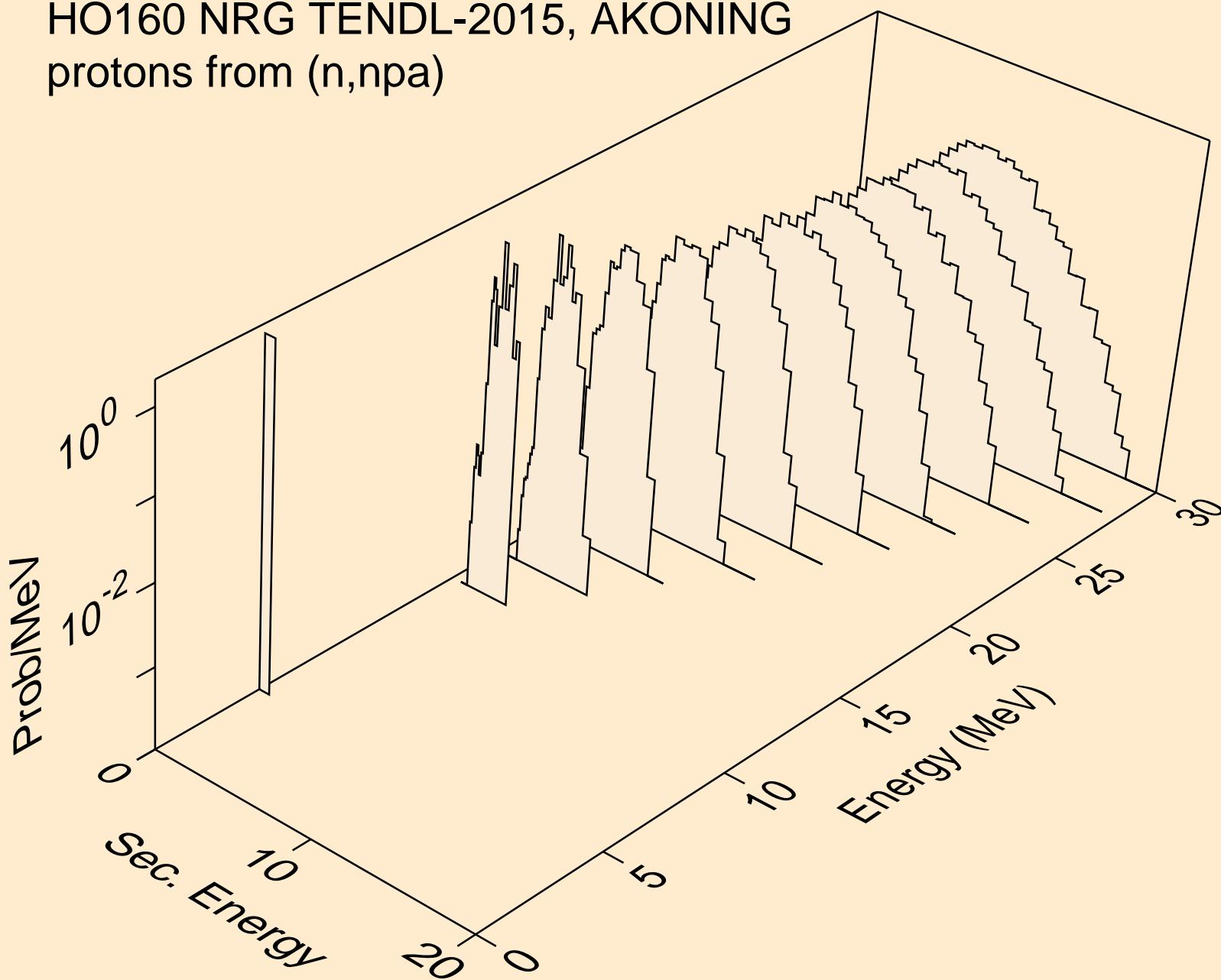
HO160 NRG TENDL-2015, AKONING  
protons from ( $n,3np$ )



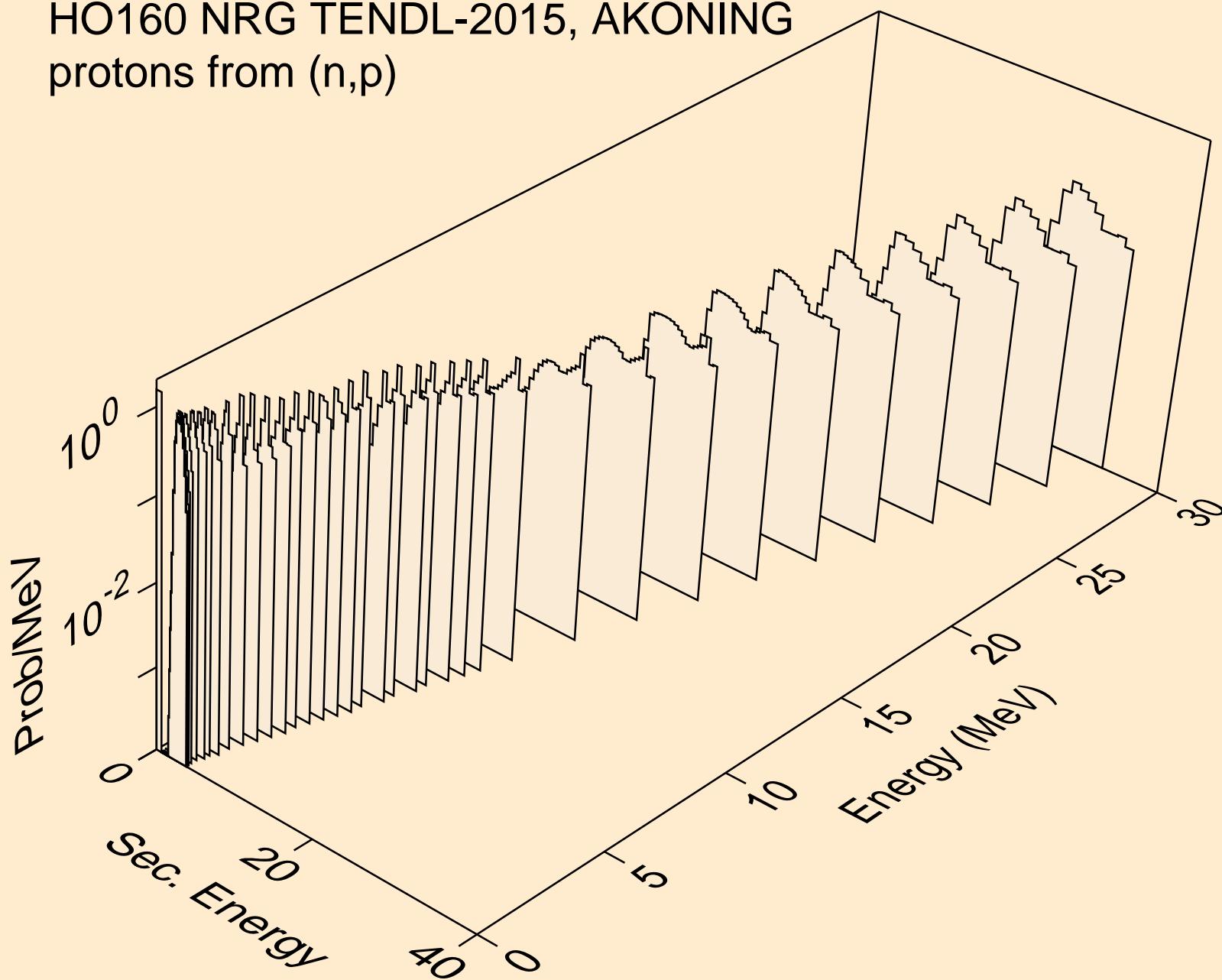
HO160 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



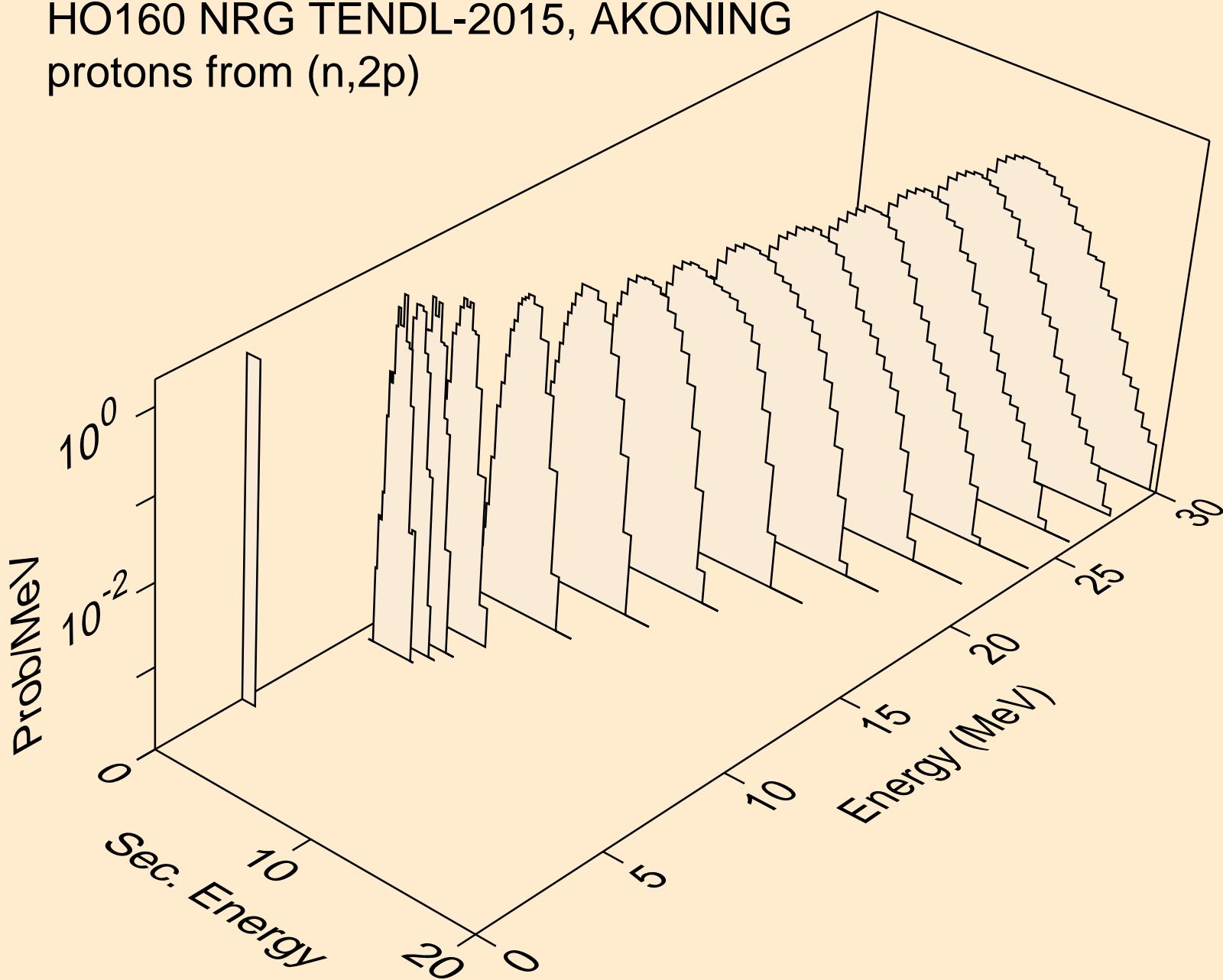
HO160 NRG TENDL-2015, AKONING  
protons from (n,npa)



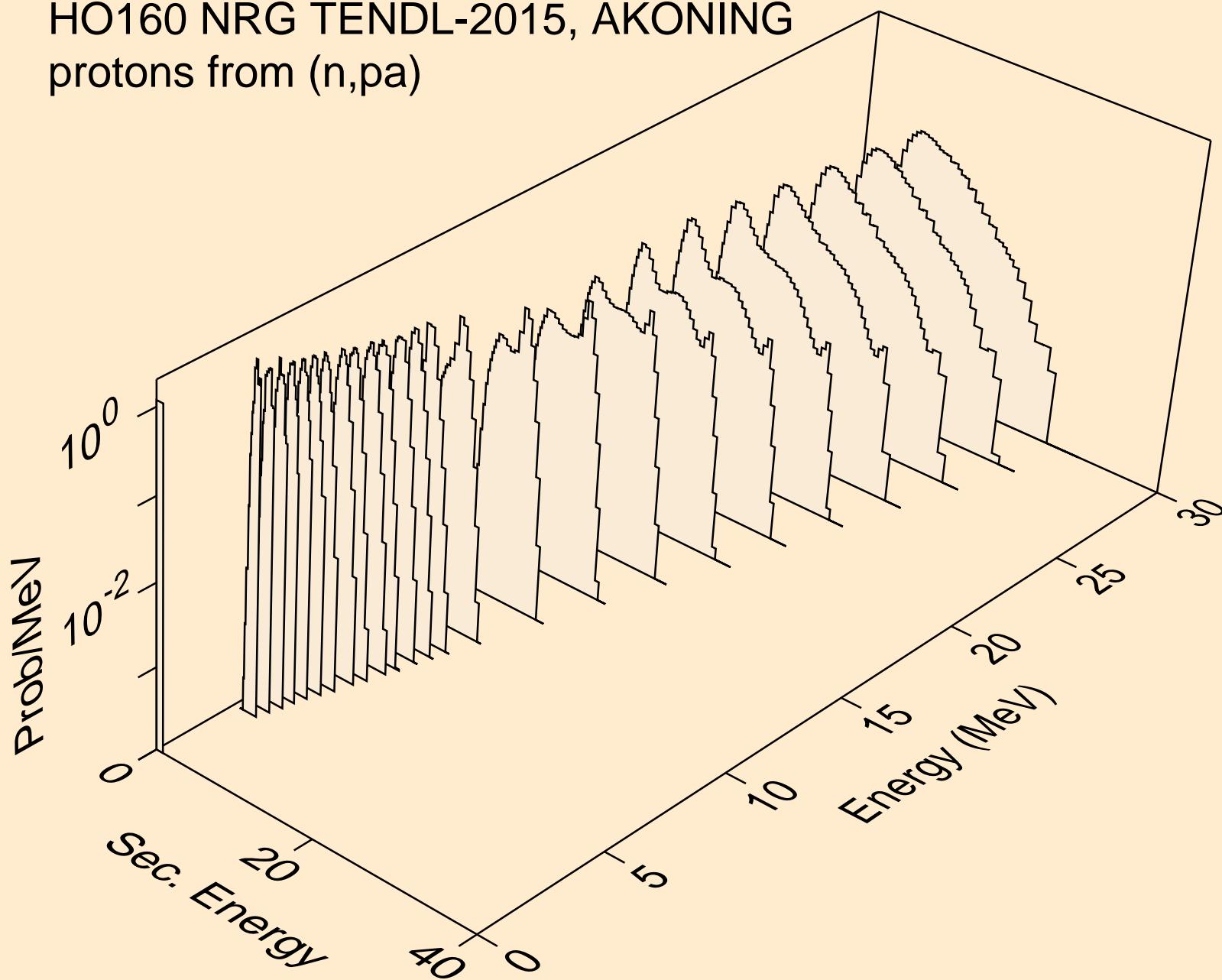
HO160 NRG TENDL-2015, AKONING  
protons from (n,p)



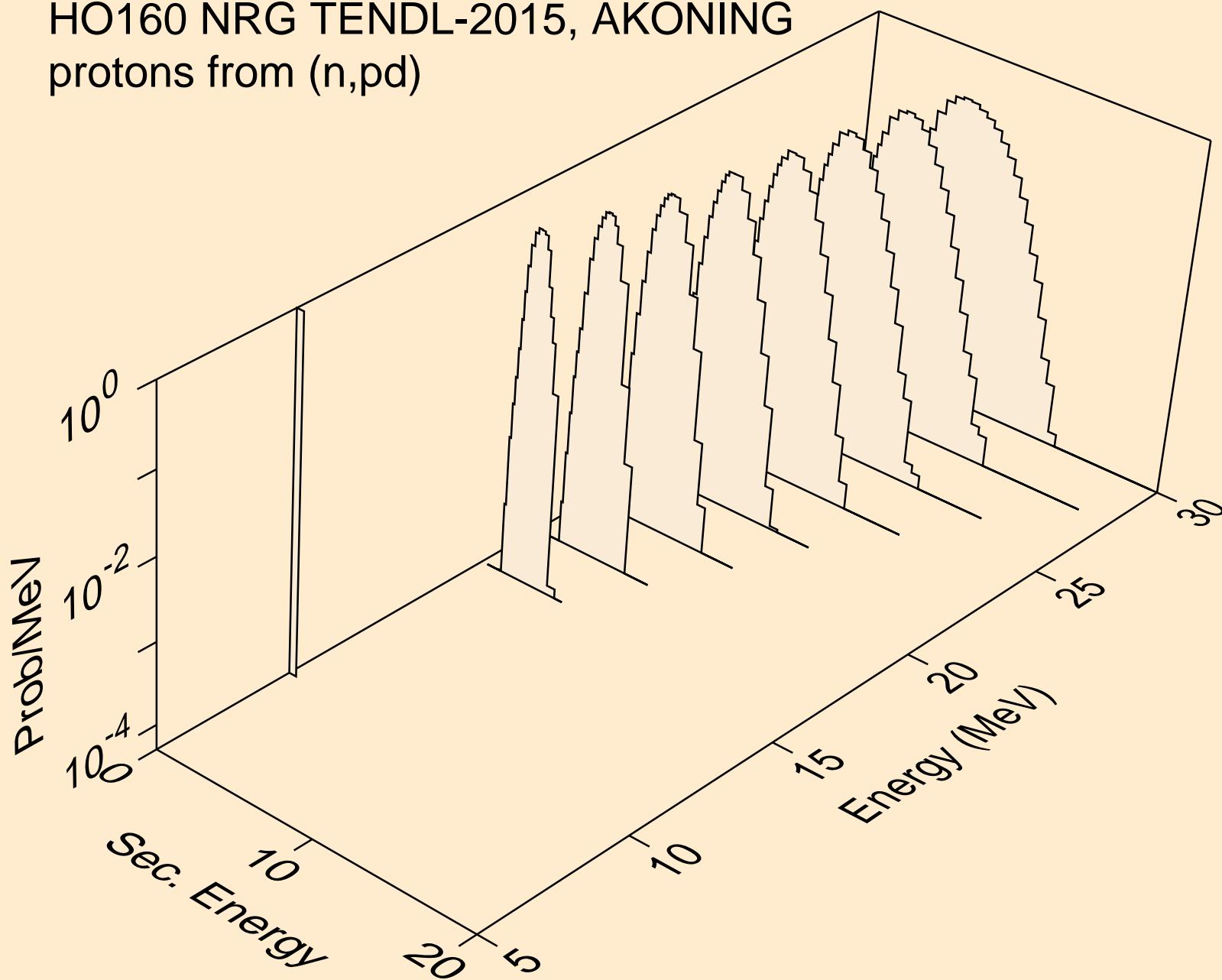
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protons from ( $n,2p$ )



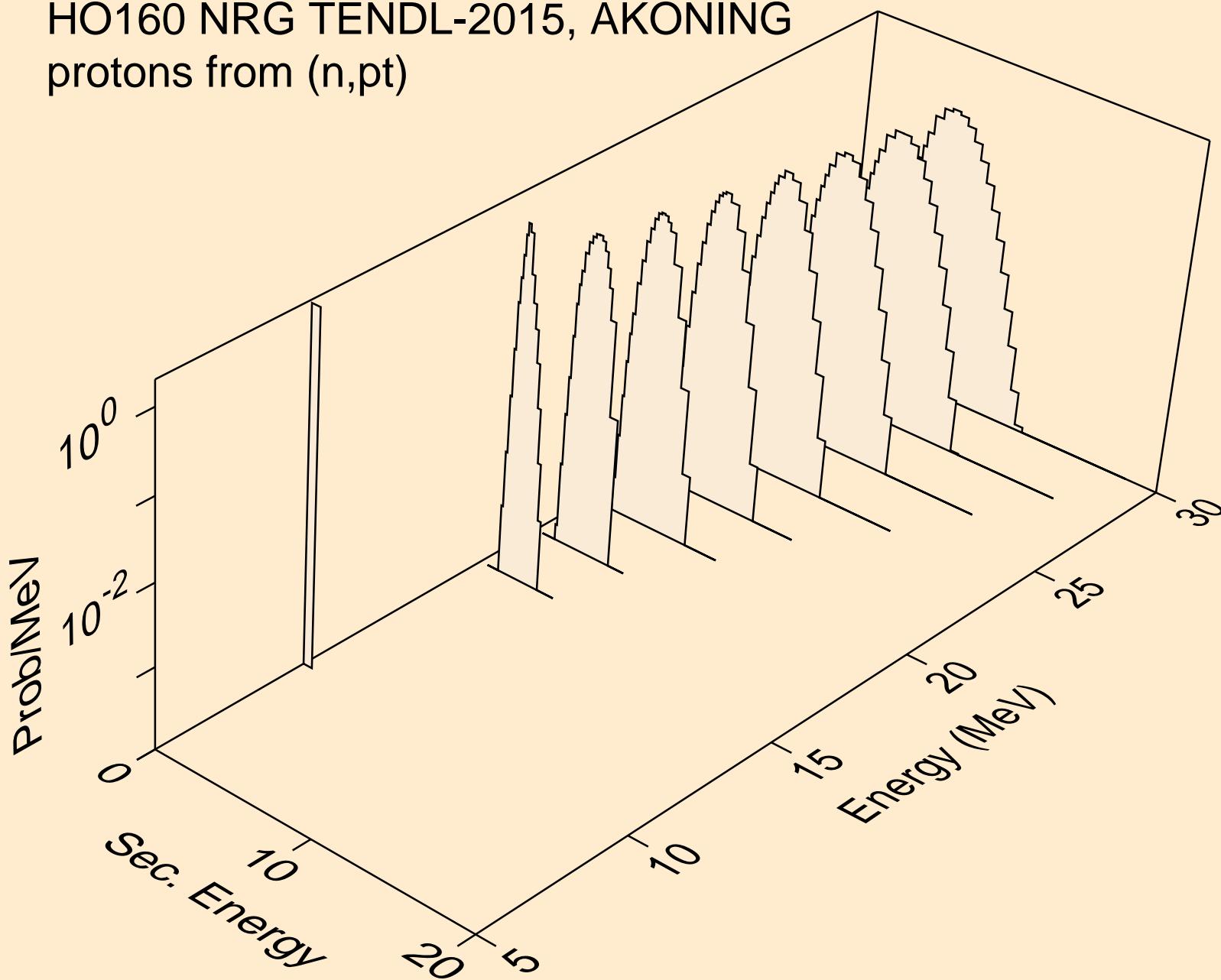
HO160 NRG TENDL-2015, AKONING  
protons from (n,pa)



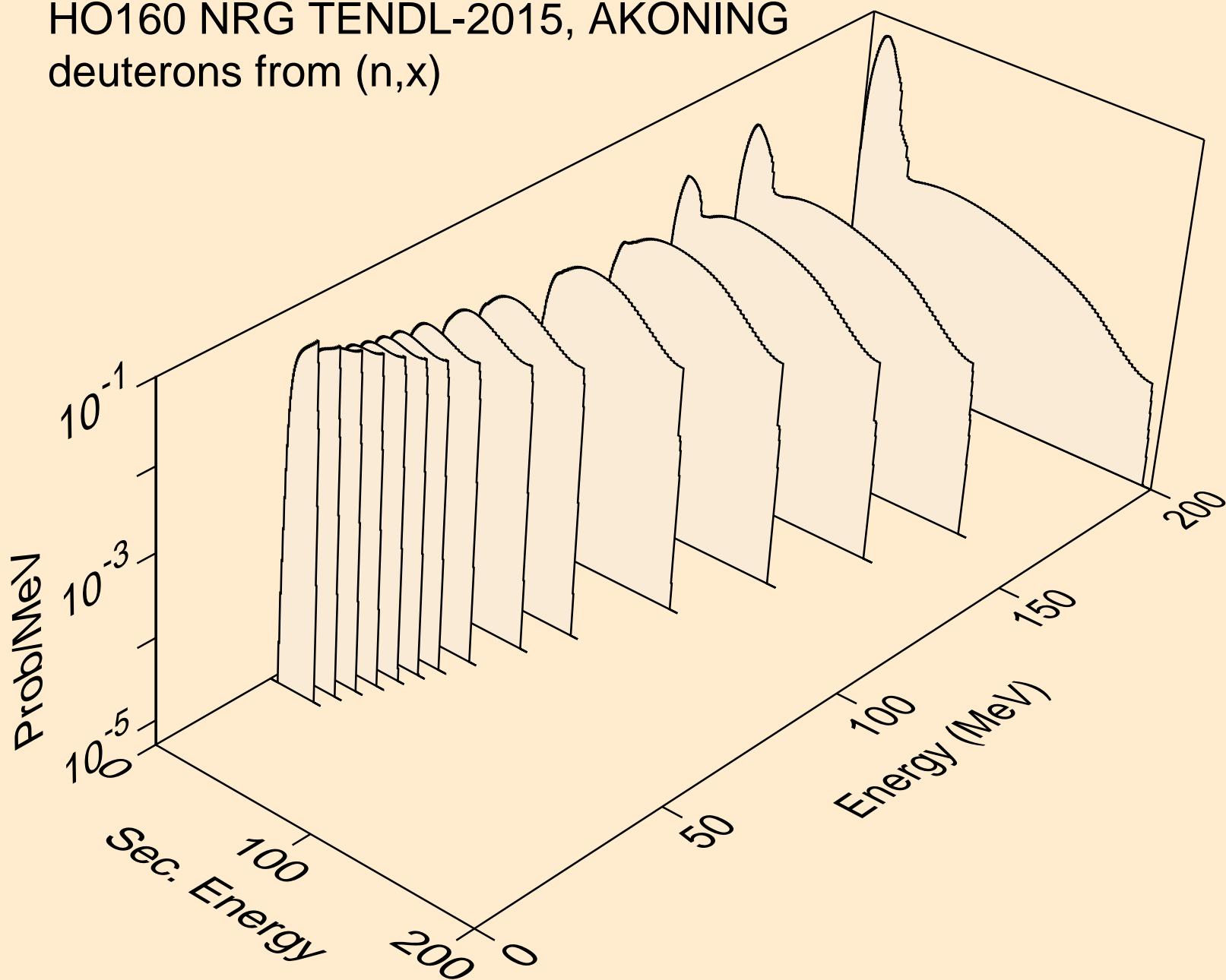
HO160 NRG TENDL-2015, AKONING  
protons from (n,pd)



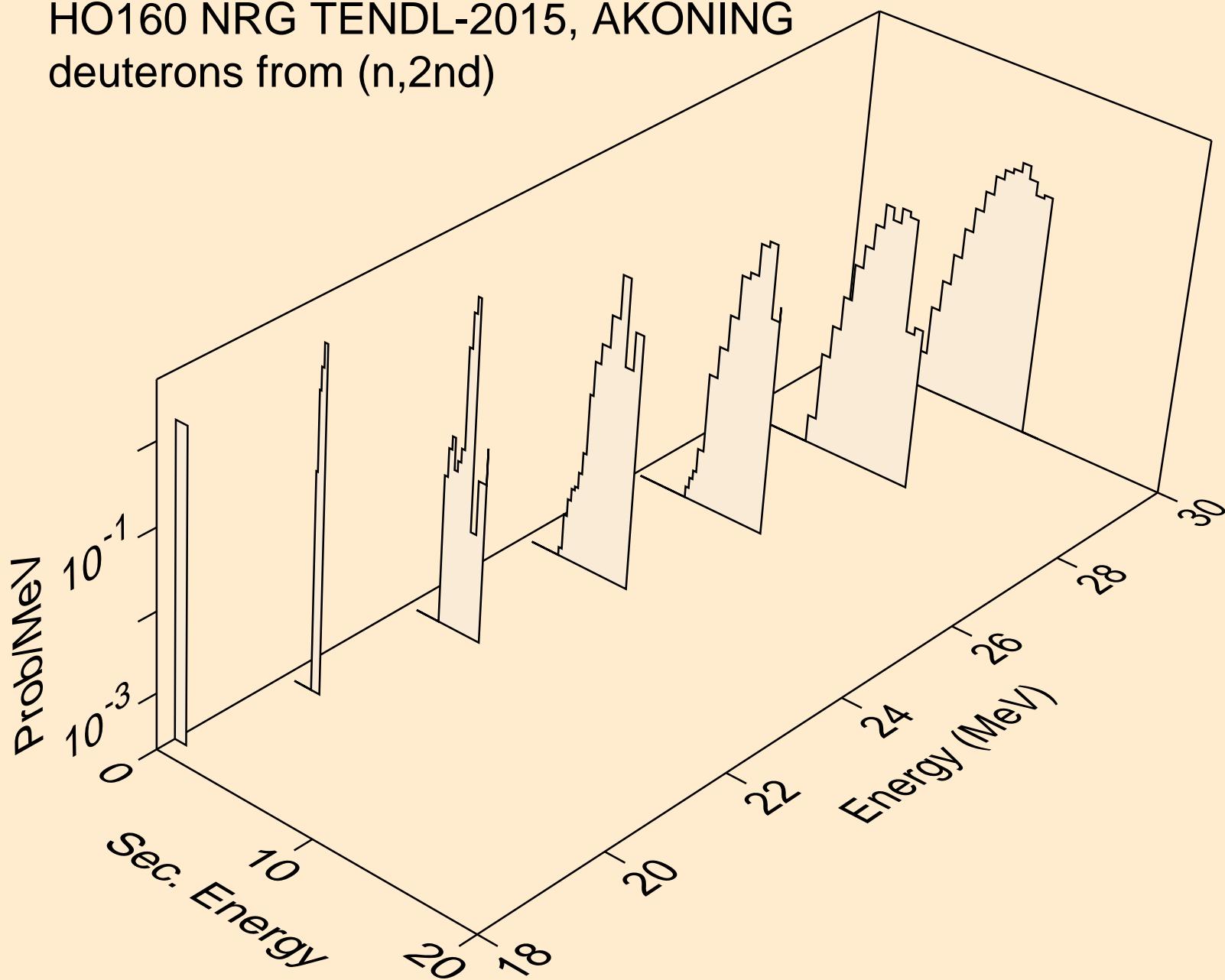
HO160 NRG TENDL-2015, AKONING  
protons from (n,pt)



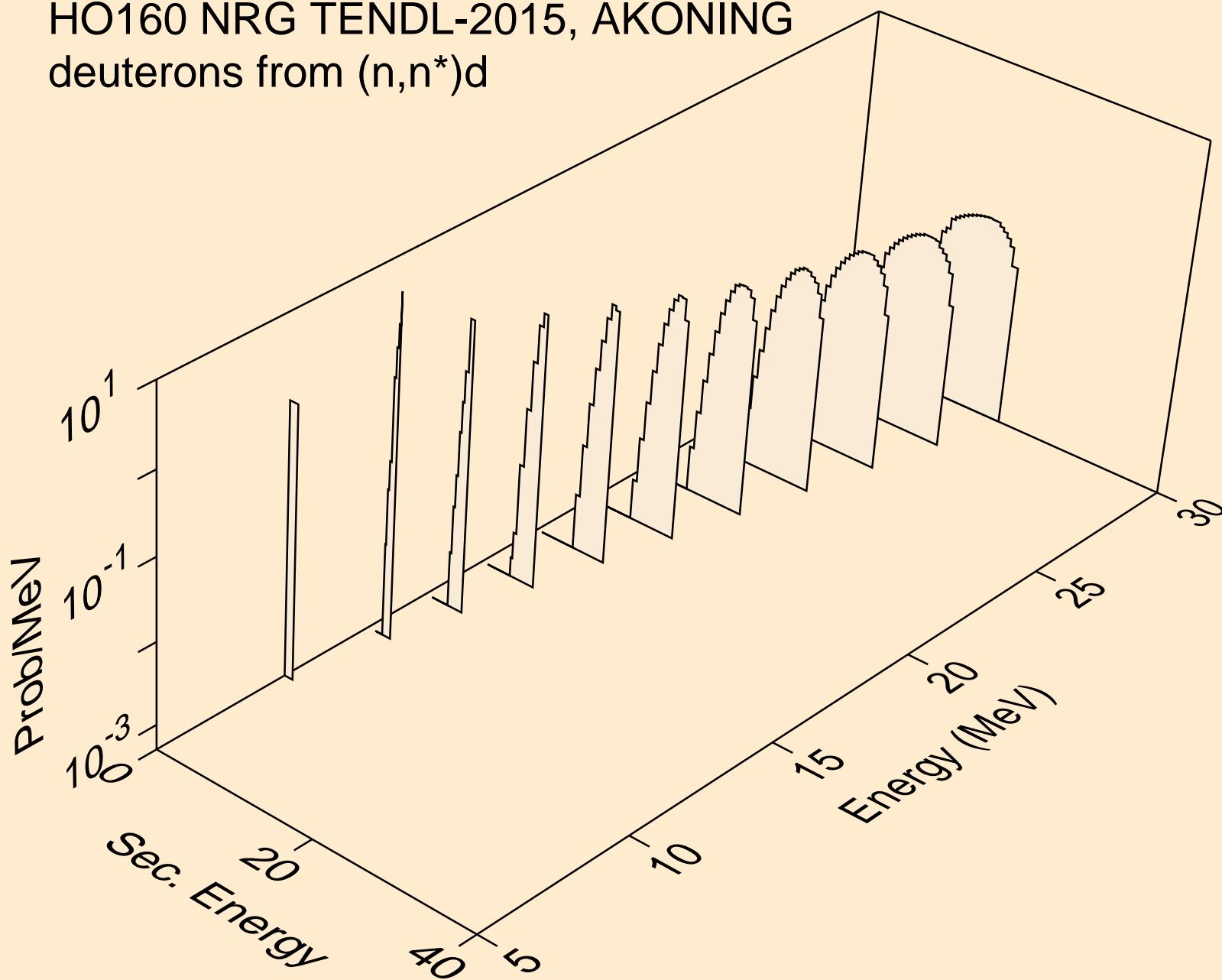
HO160 NRG TENDL-2015, AKONING  
deuterons from ( $n, x$ )



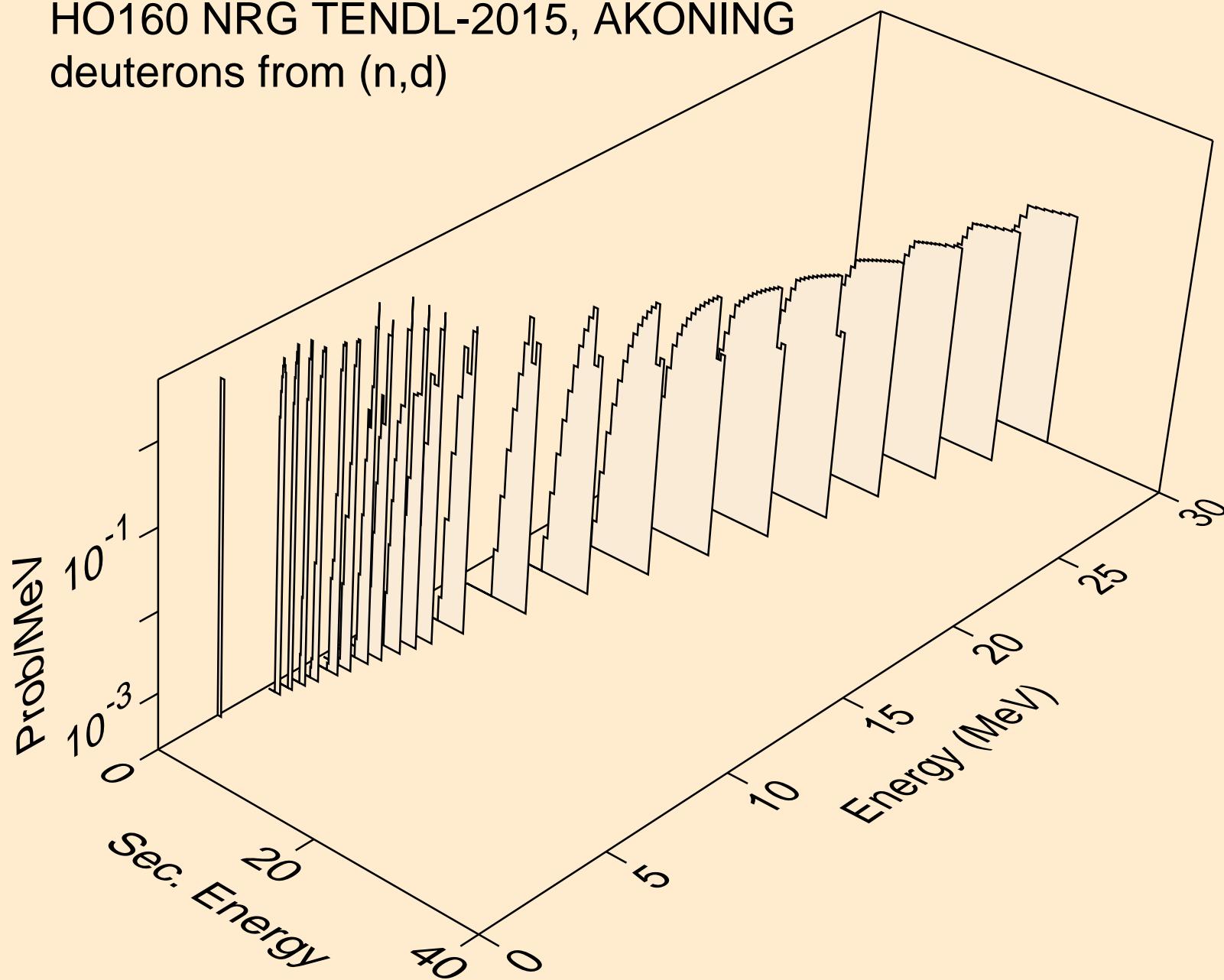
HO160 NRG TENDL-2015, AKONING  
deuterons from ( $n,2nd$ )



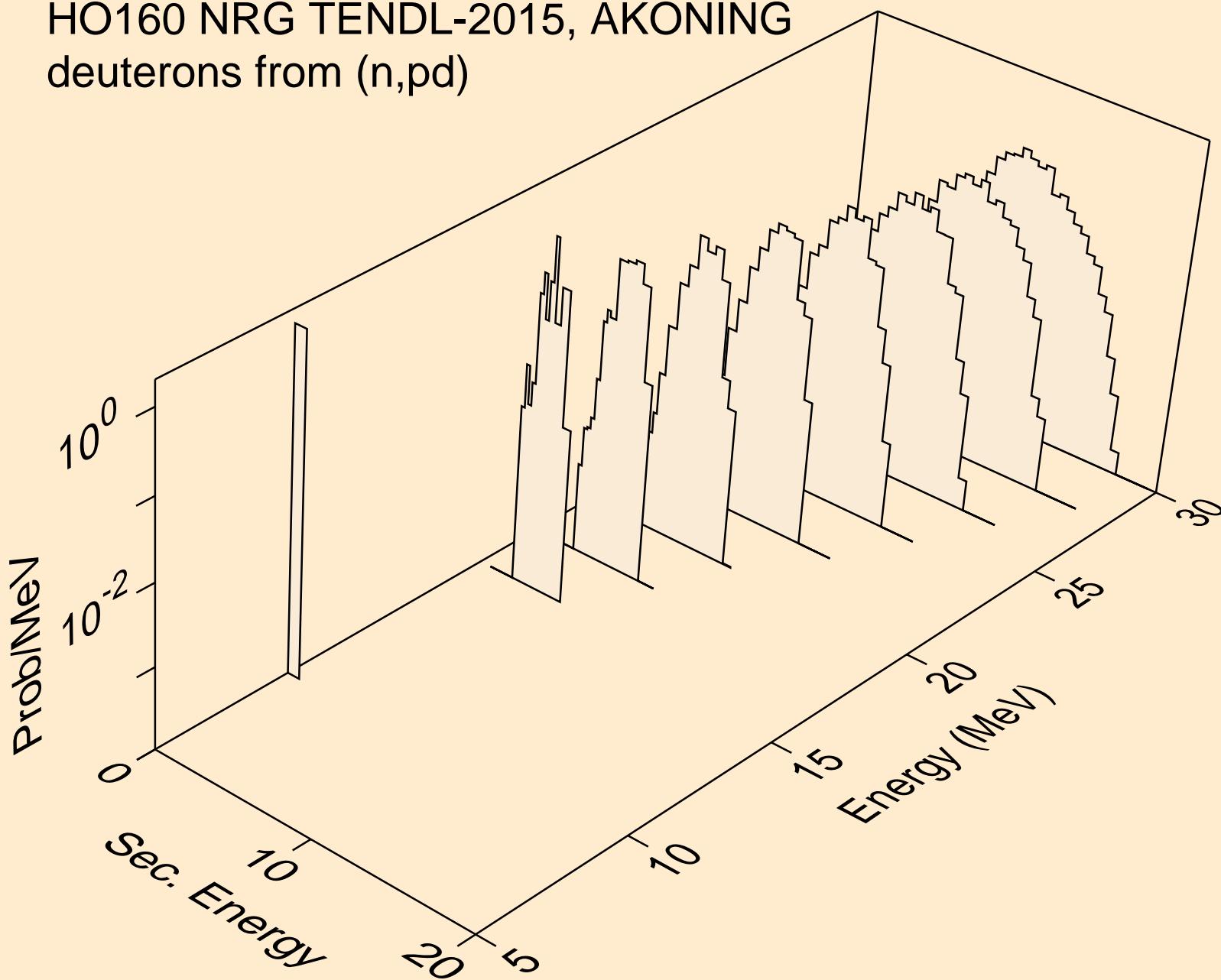
HO160 NRG TENDL-2015, AKONING  
deuterons from  $(n,n^*)d$



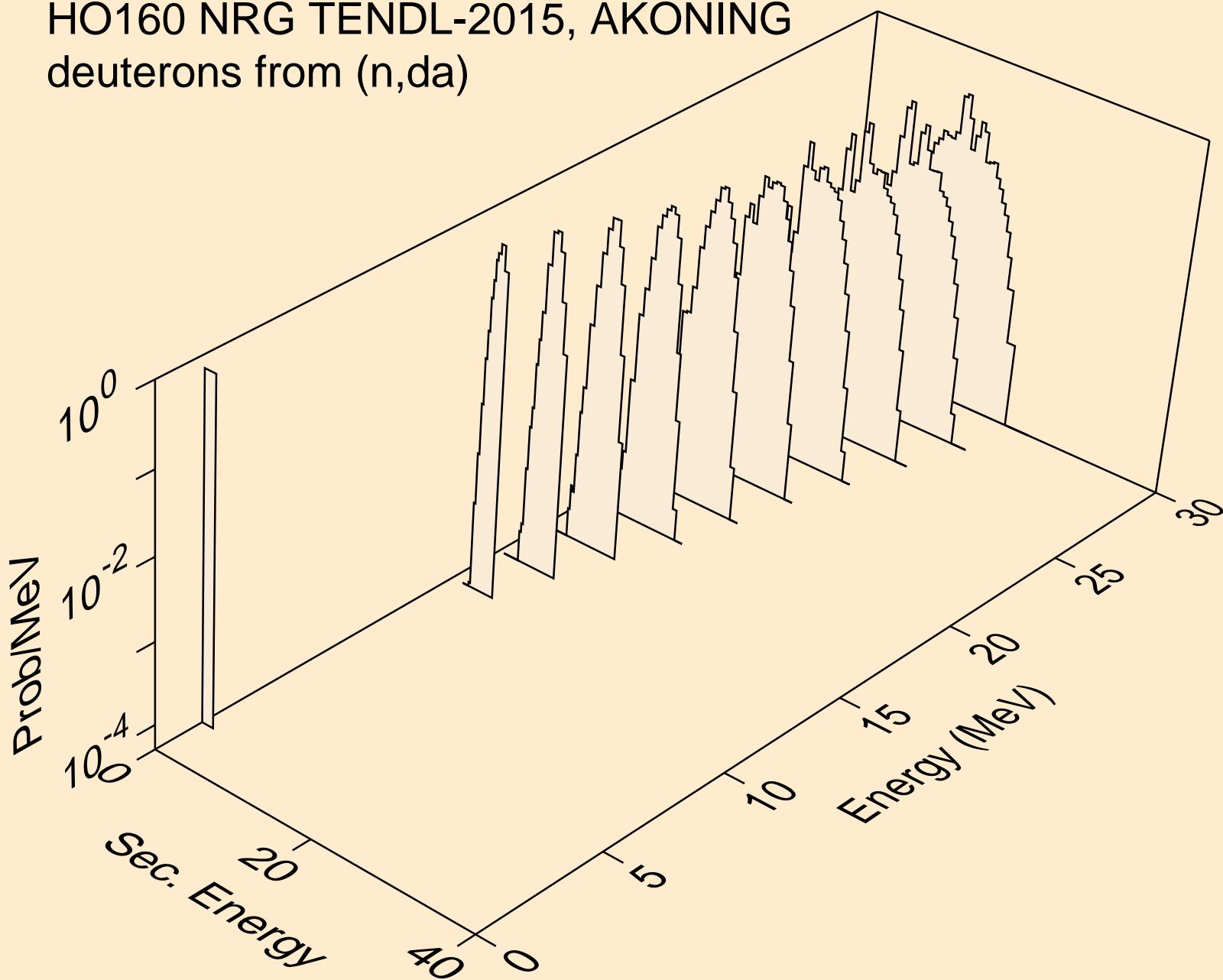
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deuterons from ( $n, d$ )



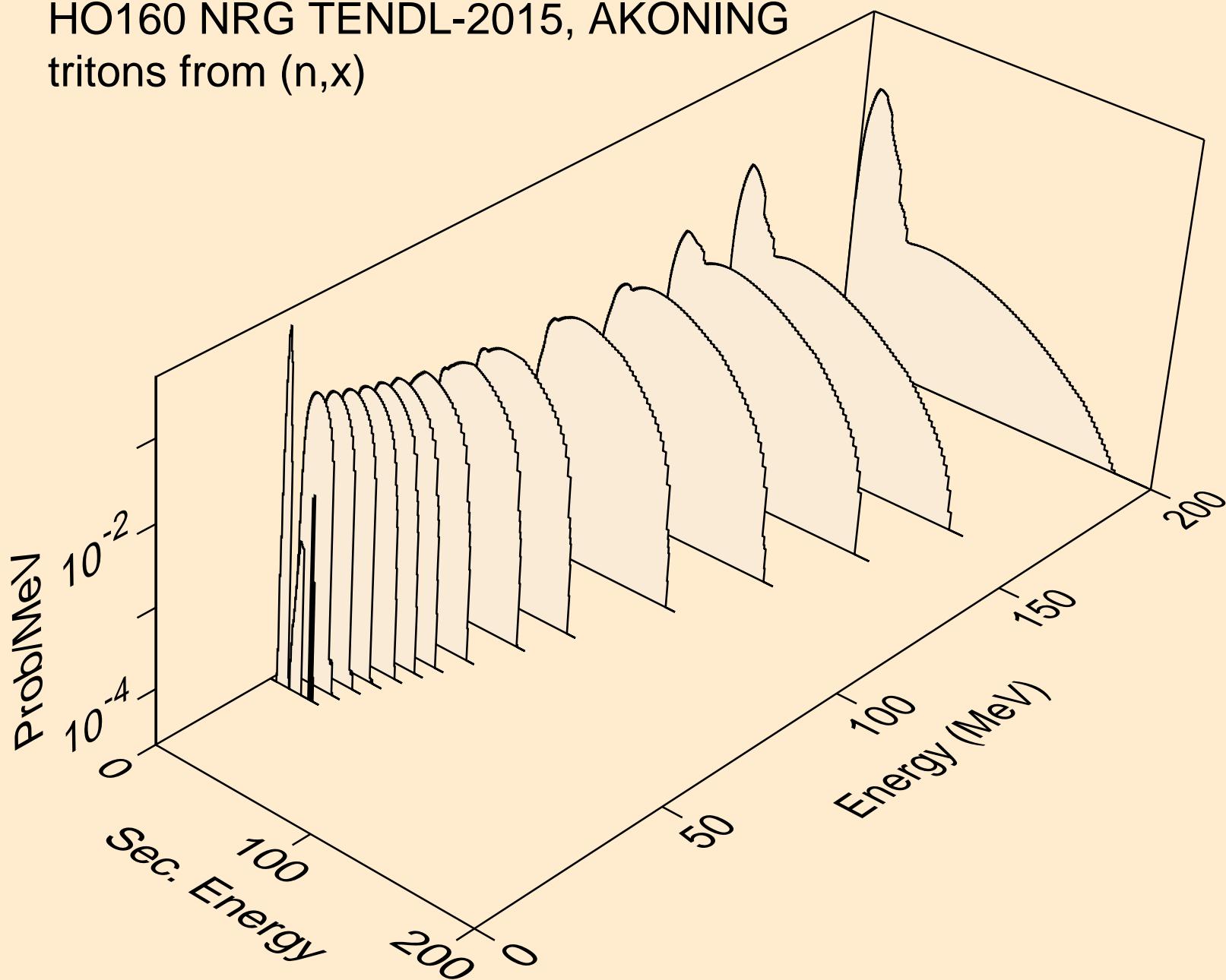
HO160 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



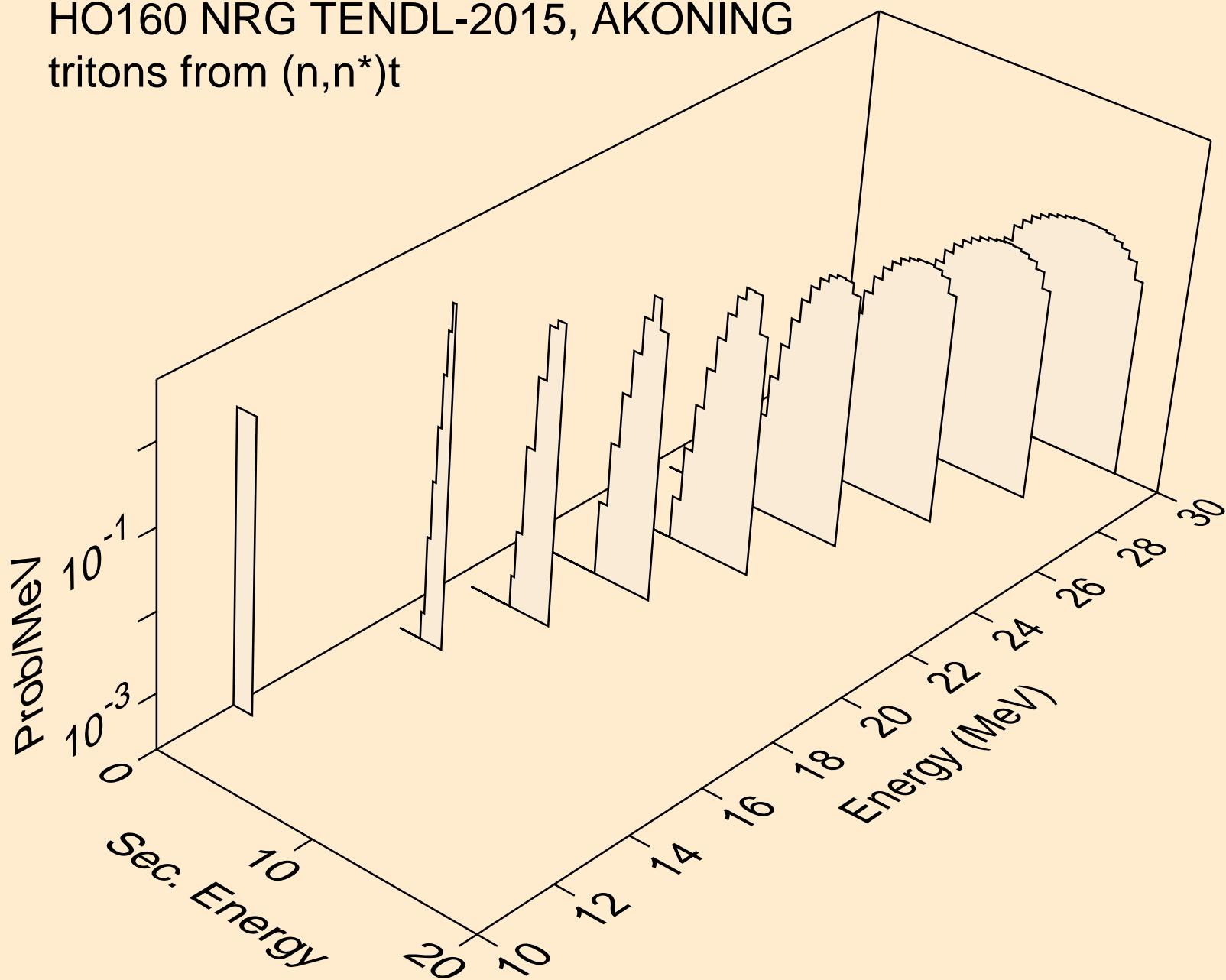
HO160 NRG TENDL-2015, AKONING  
deuterons from (n,da)



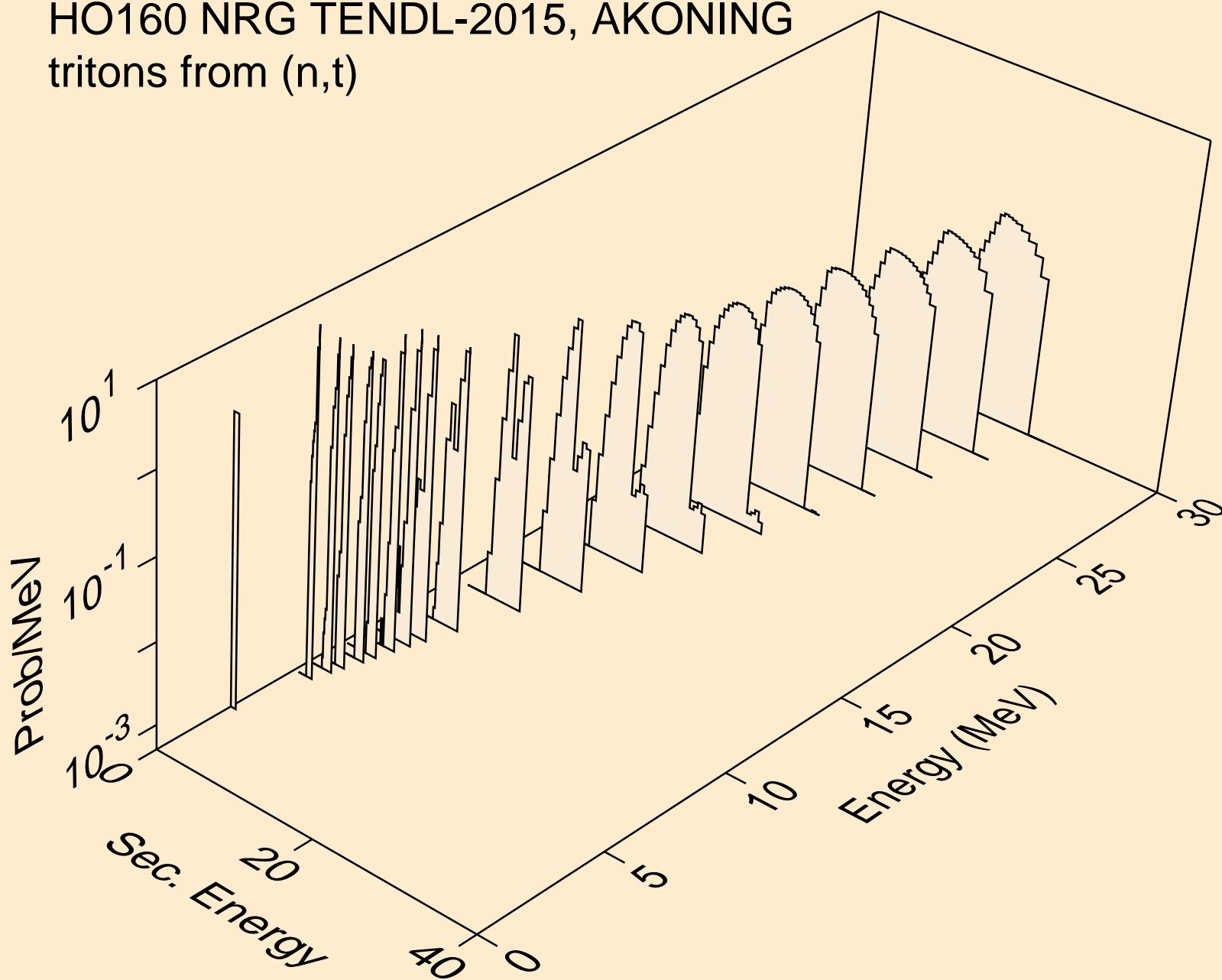
HO160 NRG TENDL-2015, AKONING  
tritons from ( $n,x$ )



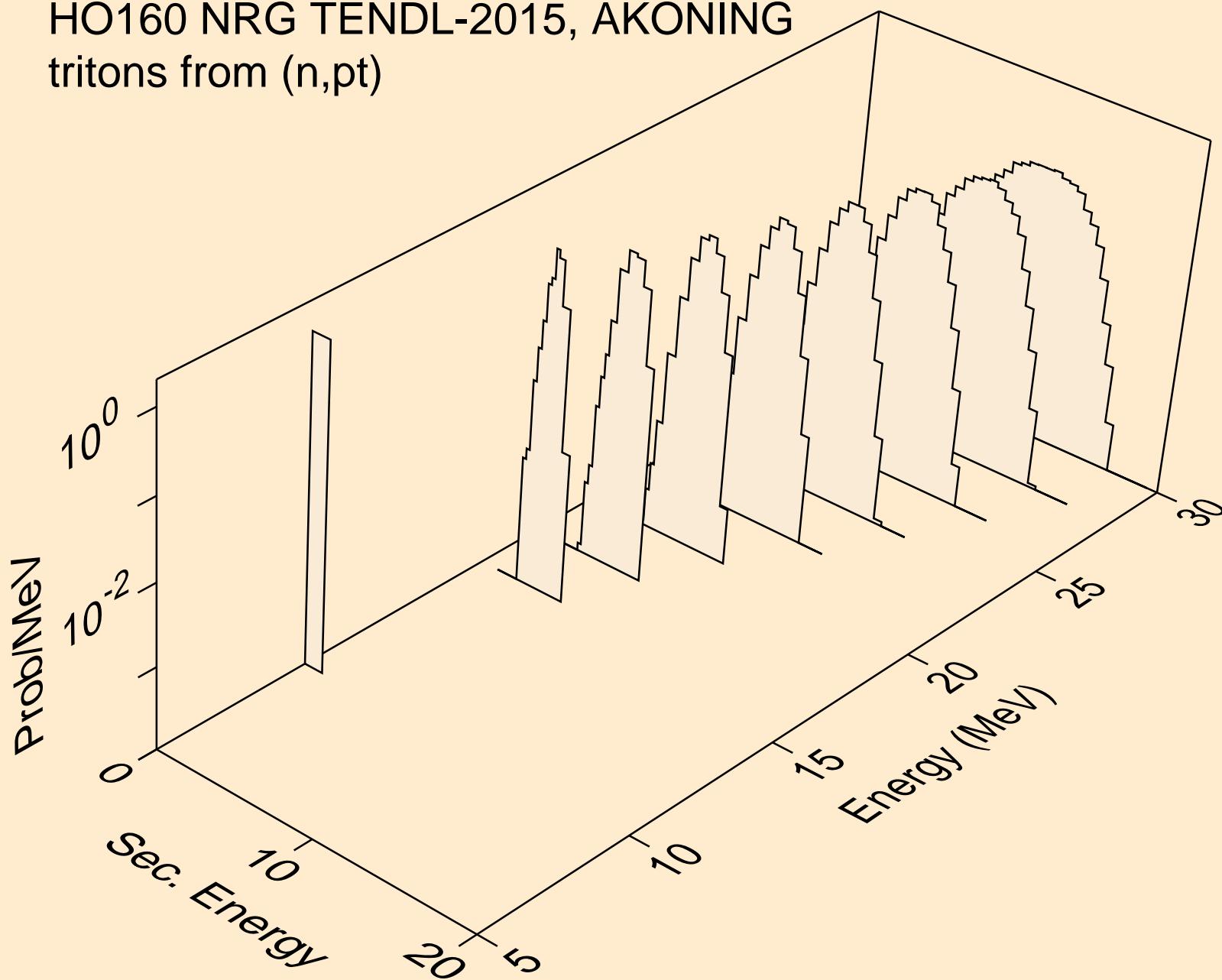
HO160 NRG TENDL-2015, AKONING  
tritons from  $(n,n^*)t$



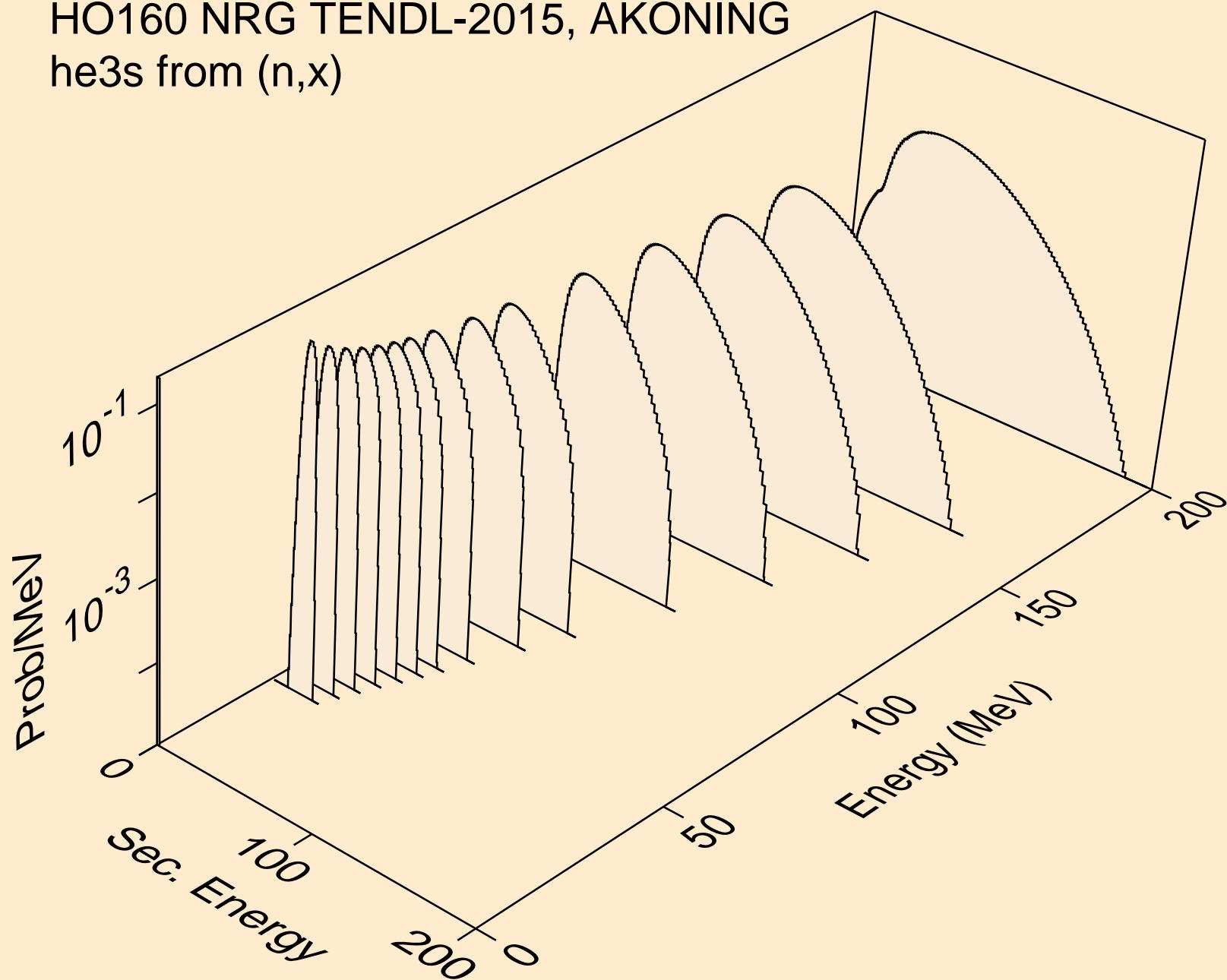
HO160 NRG TENDL-2015, AKONING  
tritons from (n,t)



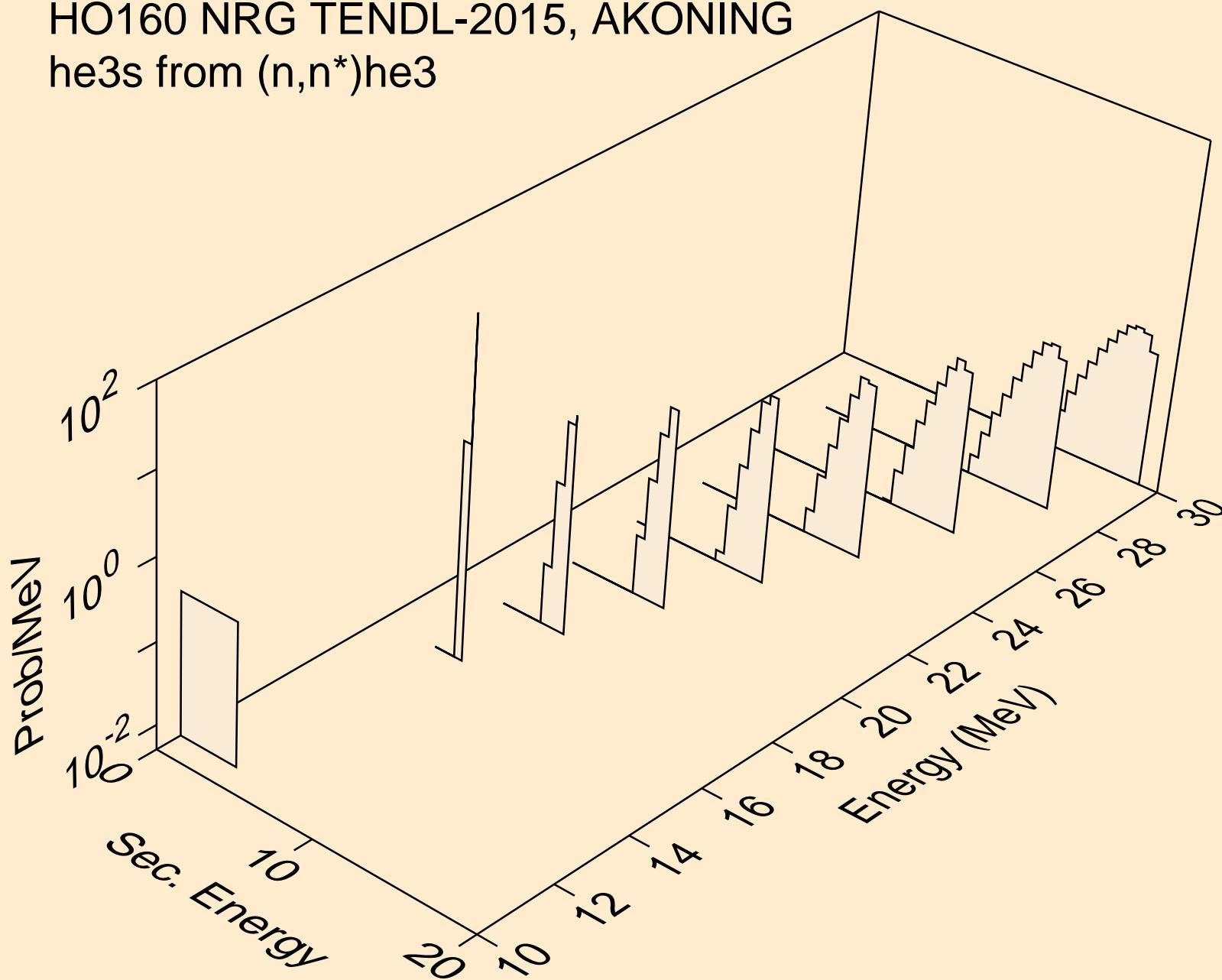
HO160 NRG TENDL-2015, AKONING  
tritons from (n,pt)



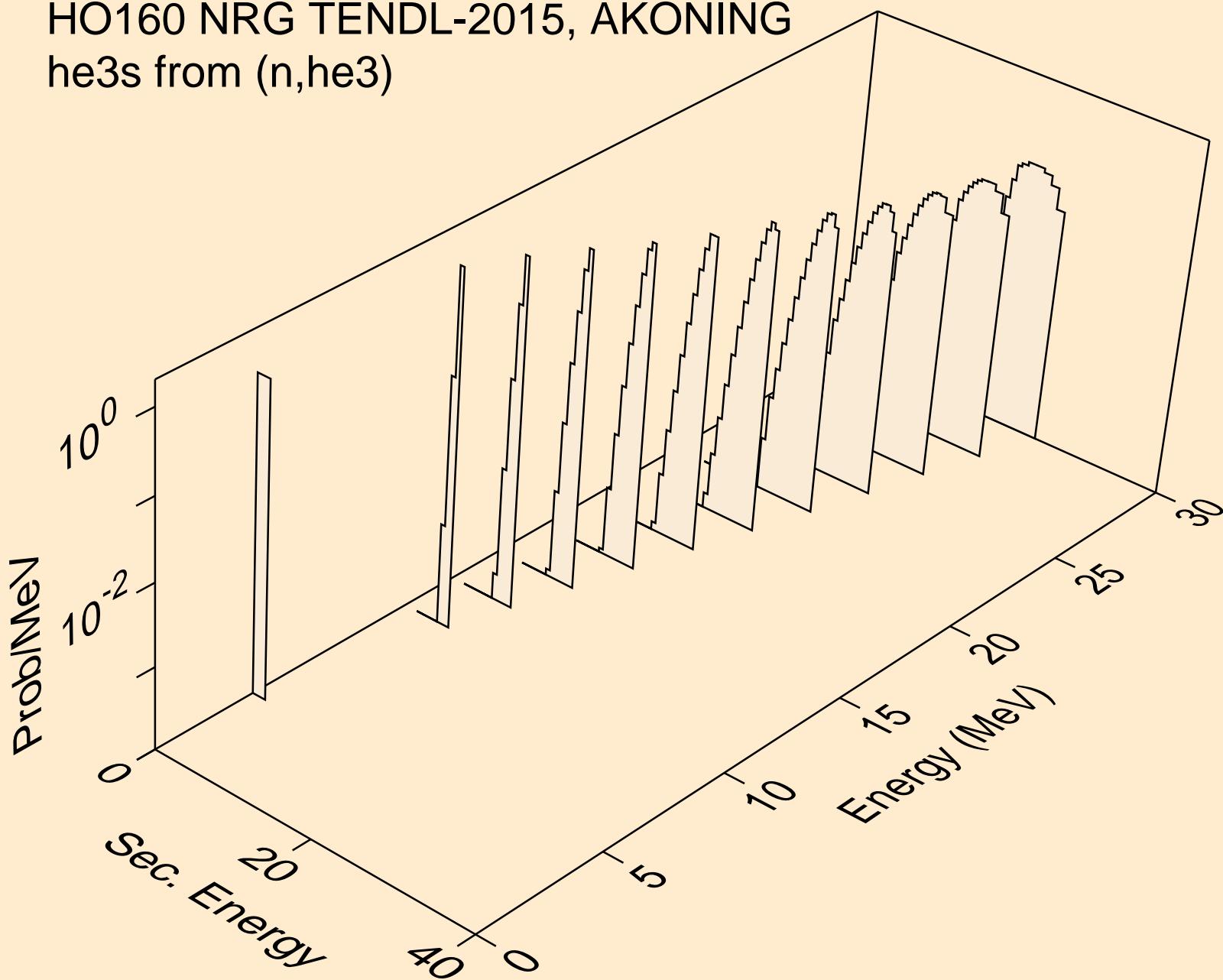
HO160 NRG TENDL-2015, AKONING  
he3s from (n,x)



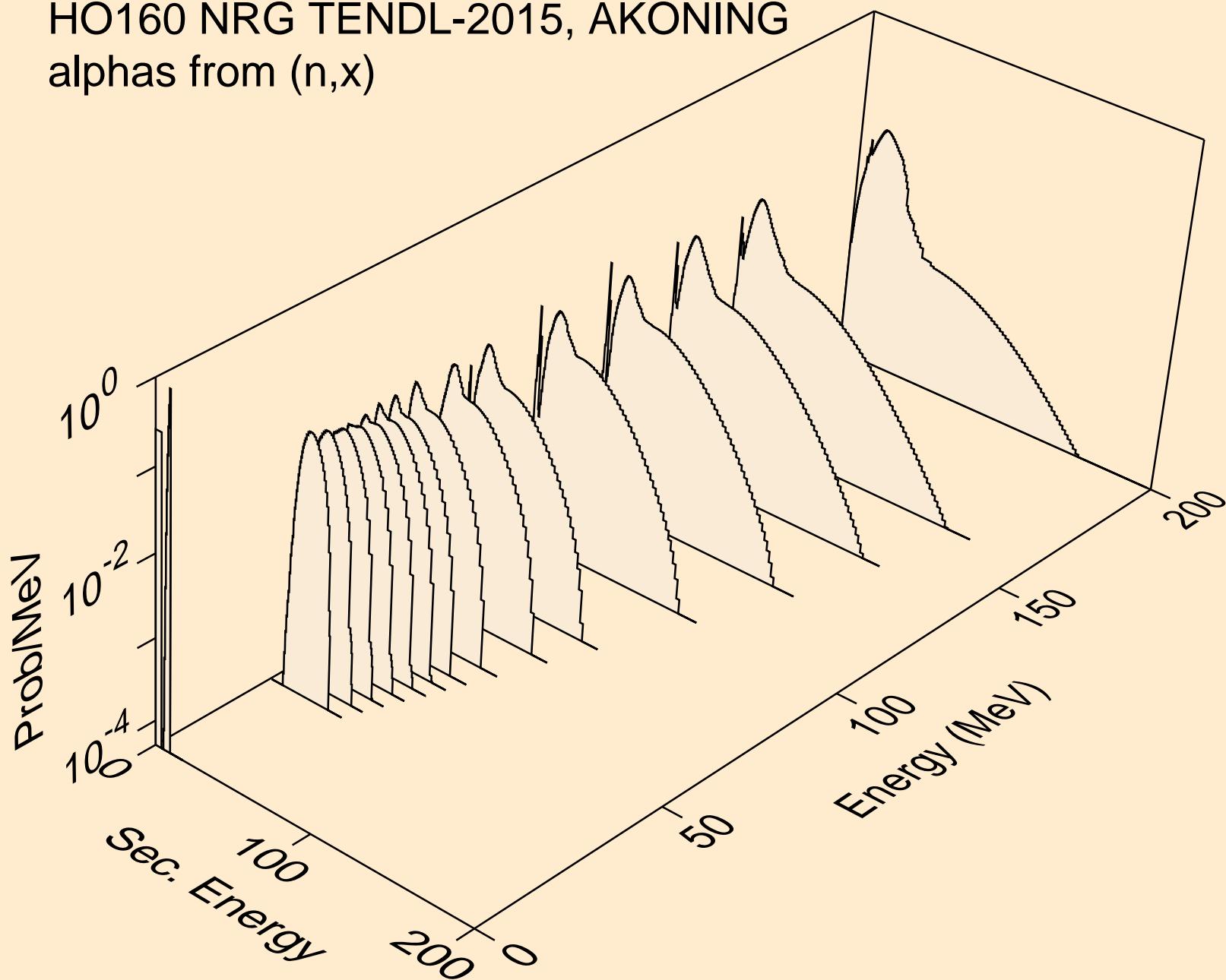
HO160 NRG TENDL-2015, AKONING  
he3s from  $(n,n^*)\text{he}3$



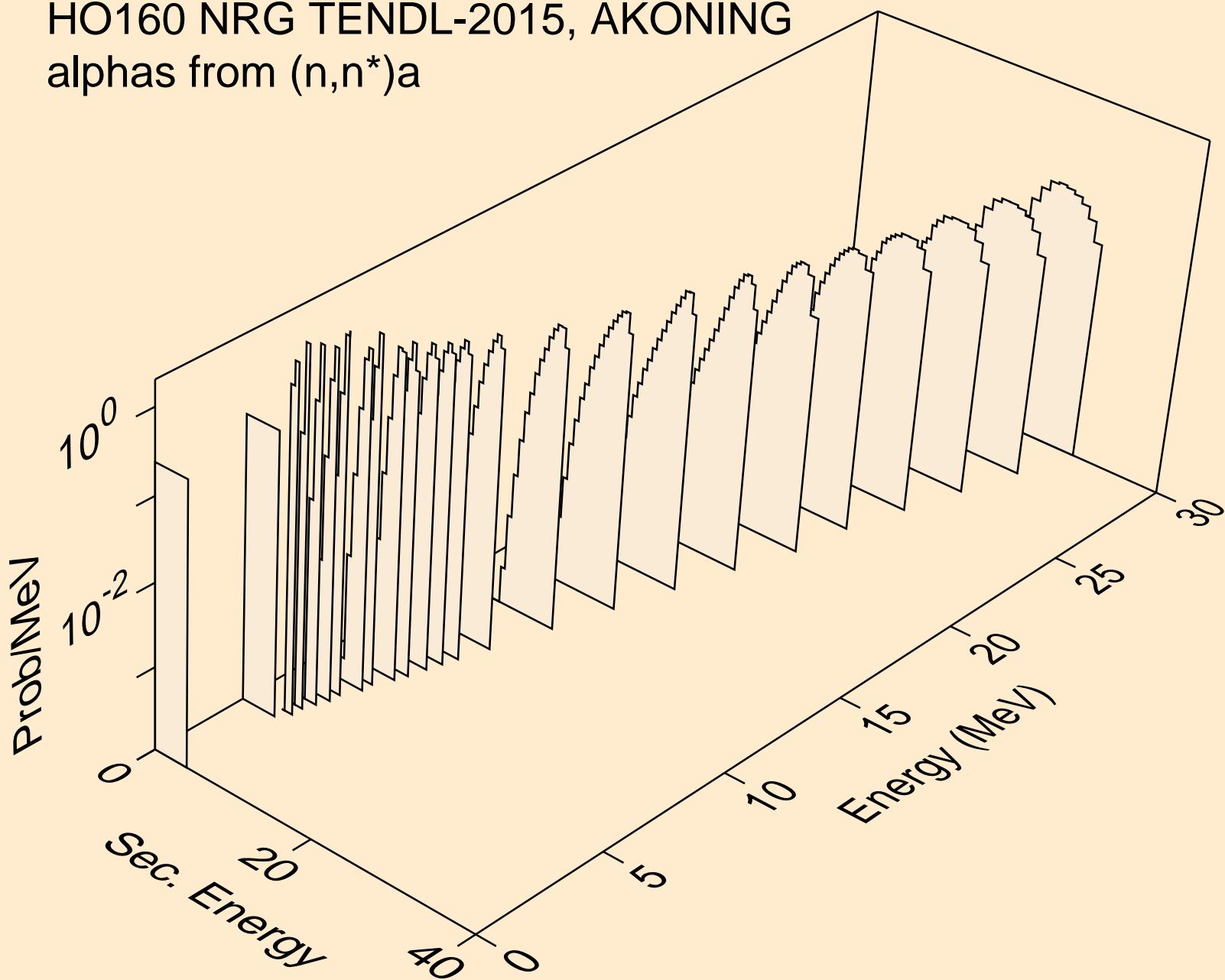
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he3s from (n,he3)



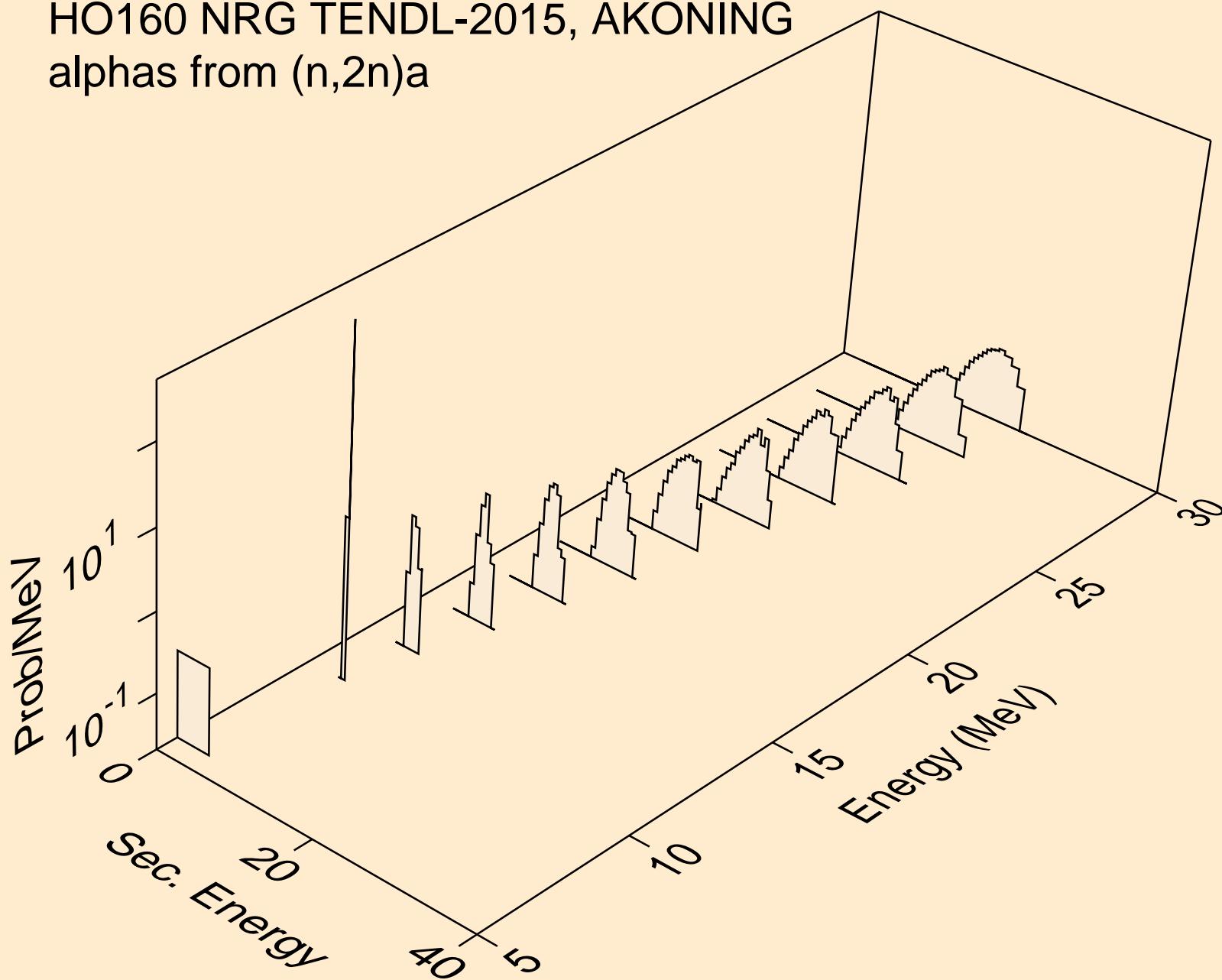
HO160 NRG TENDL-2015, AKONING  
alphas from (n,x)



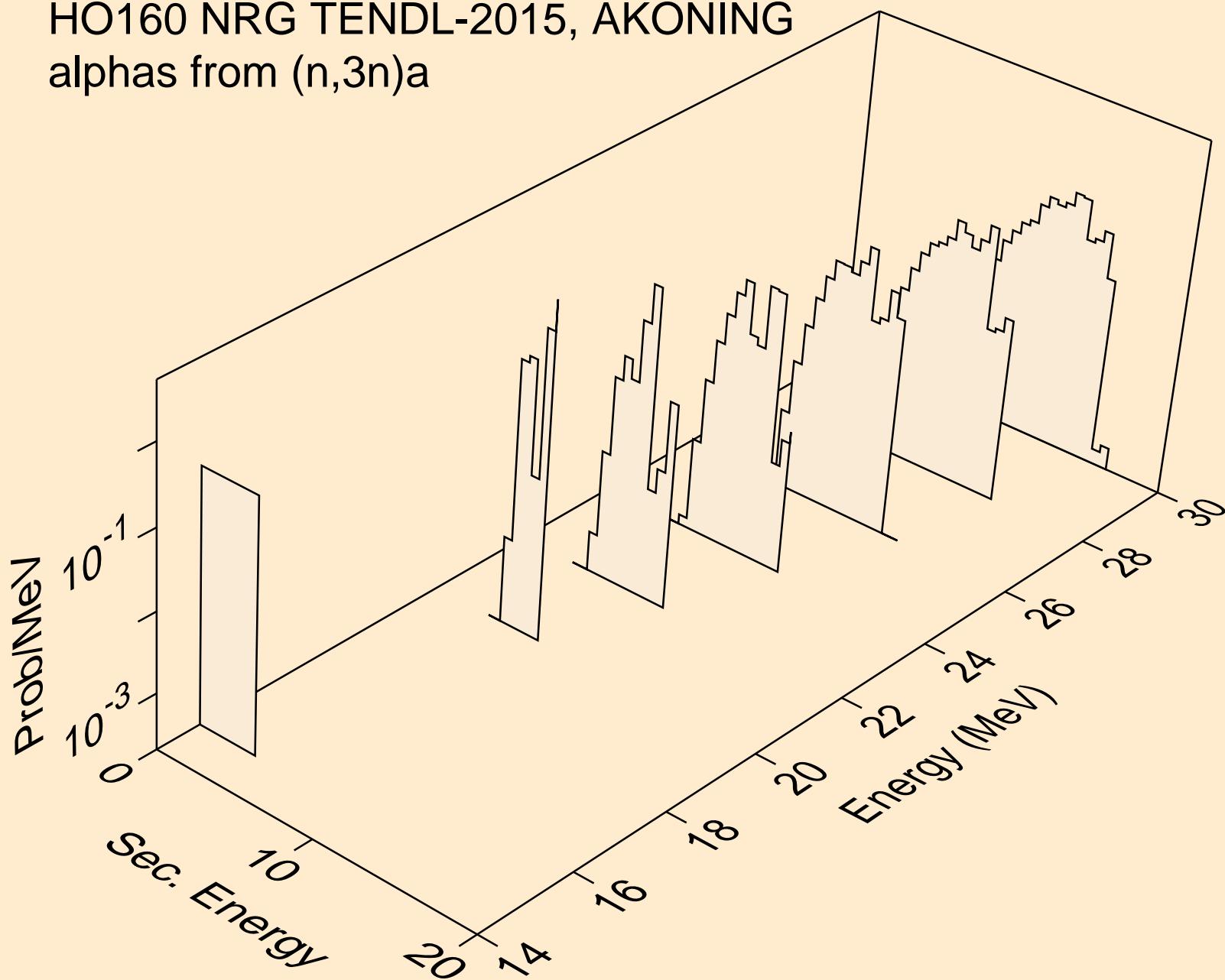
HO160 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)a$



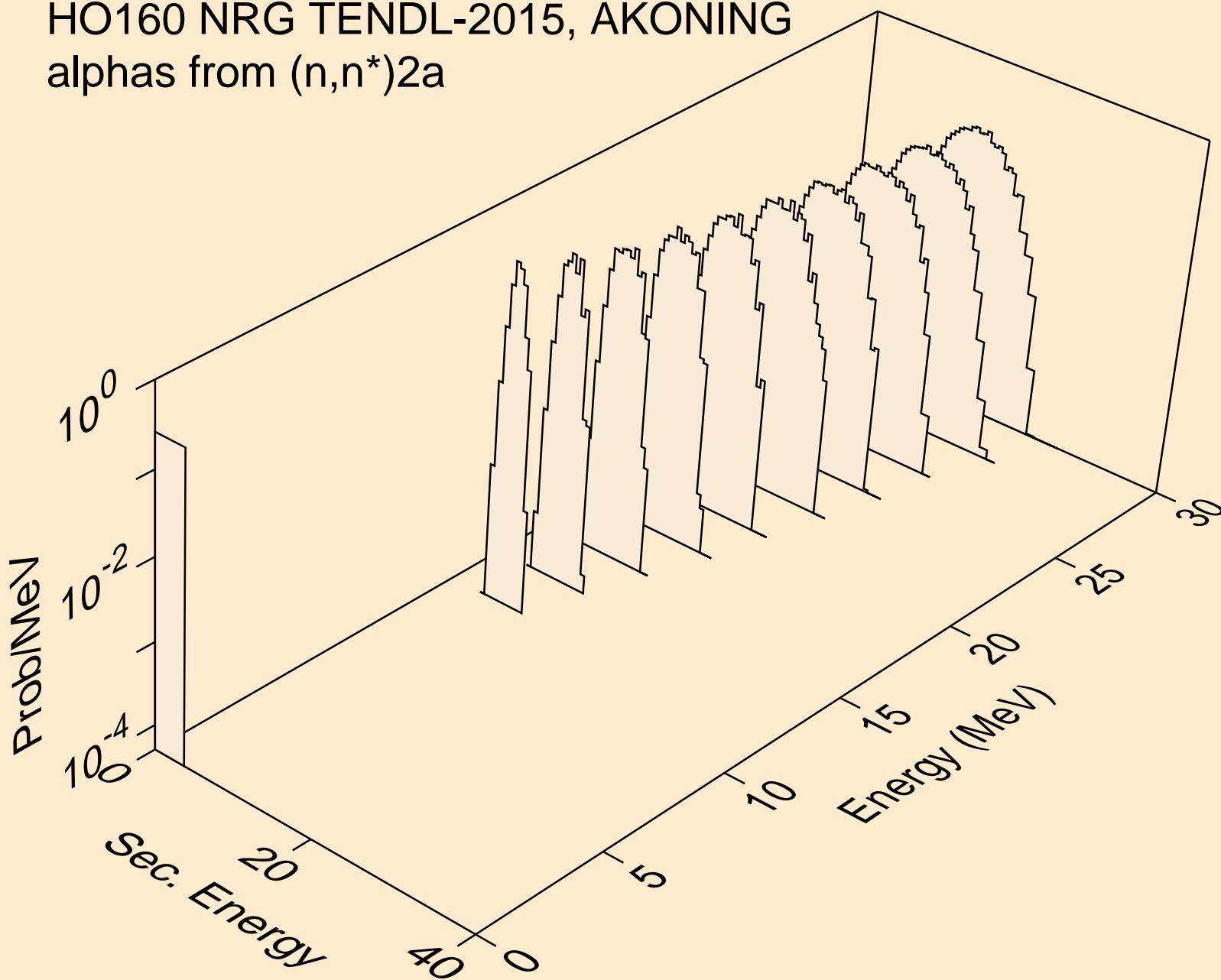
HO160 NRG TENDL-2015, AKONING  
alphas from ( $n,2n$ )a



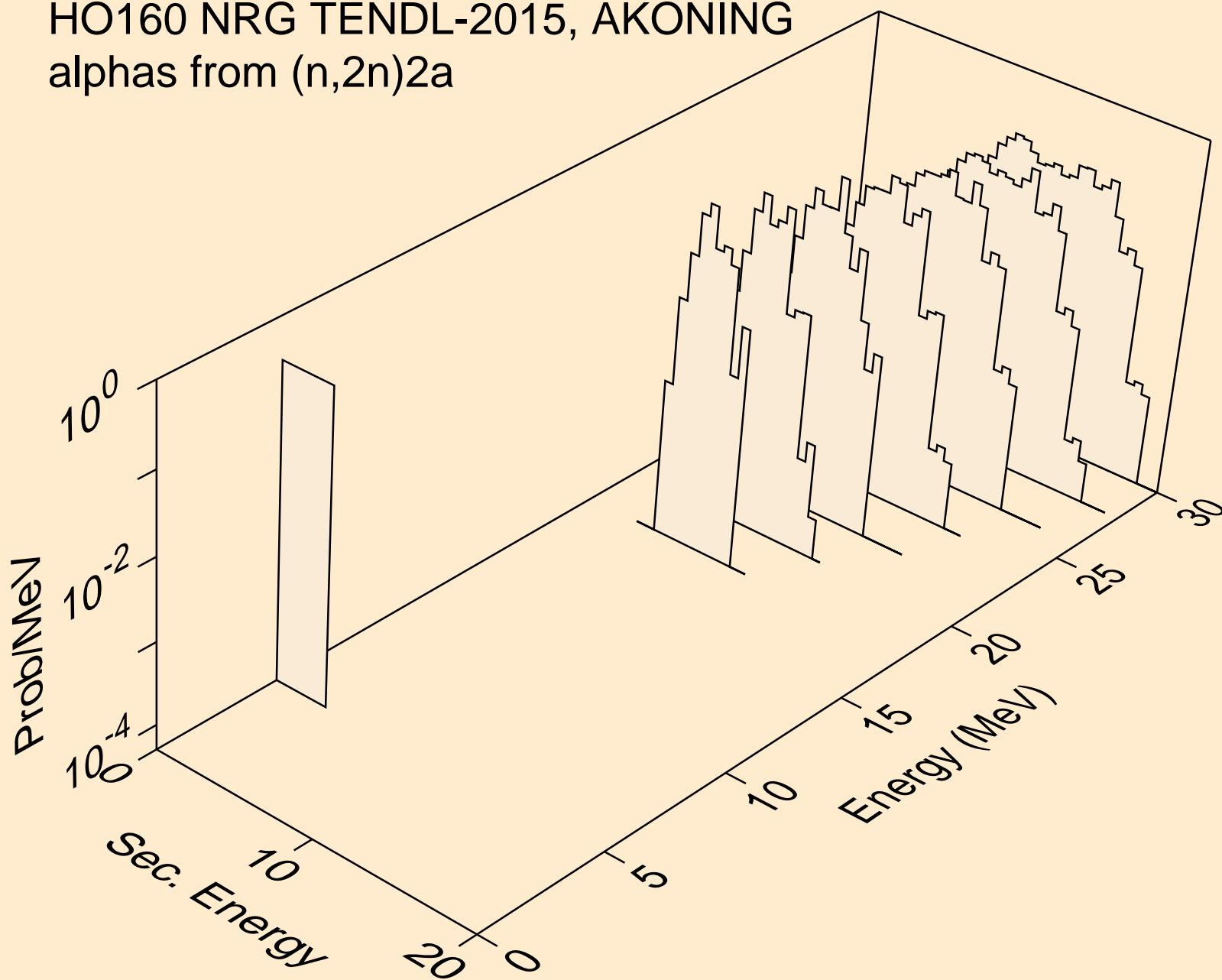
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alphas from ( $n,3n$ )a



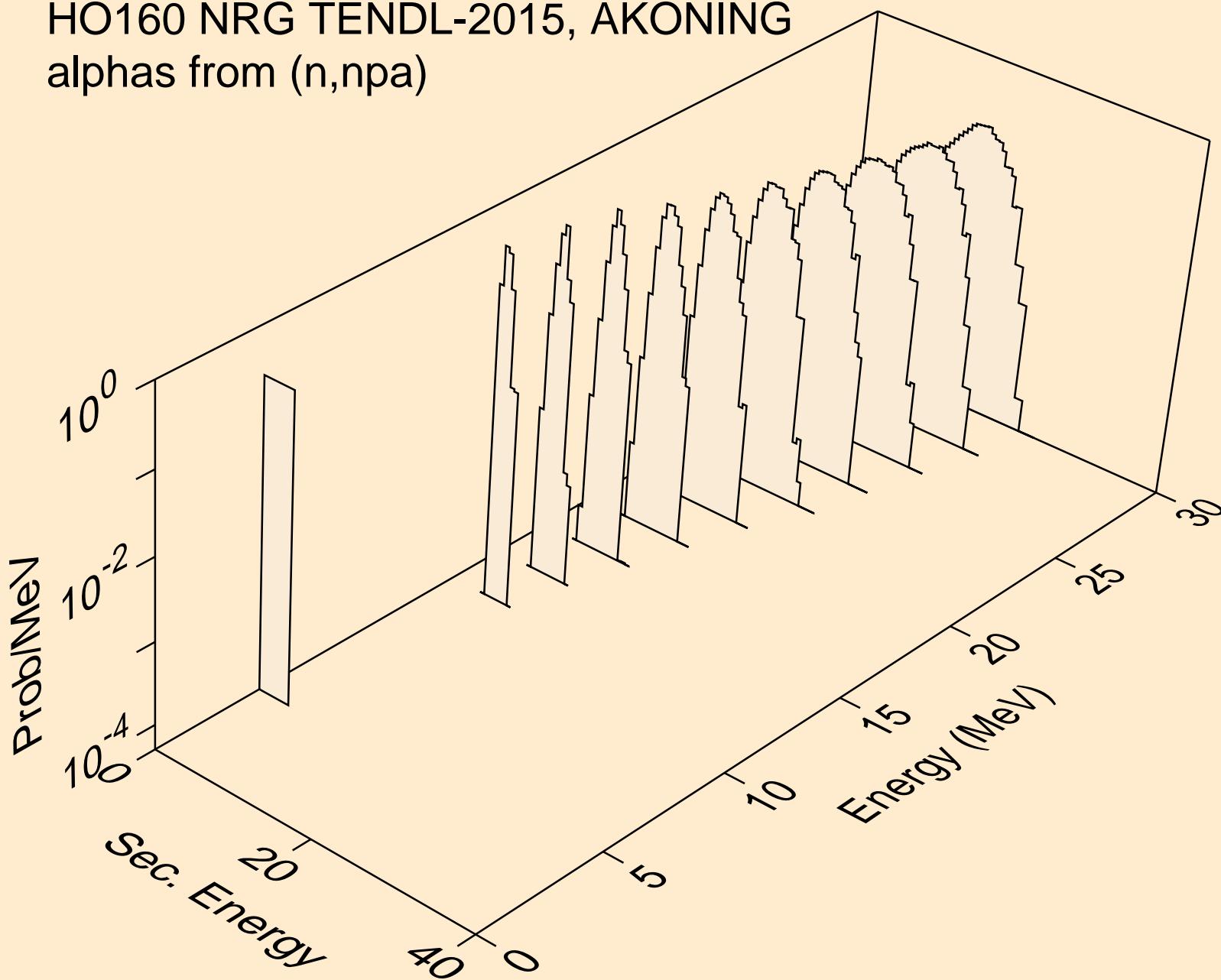
HO160 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)2a$



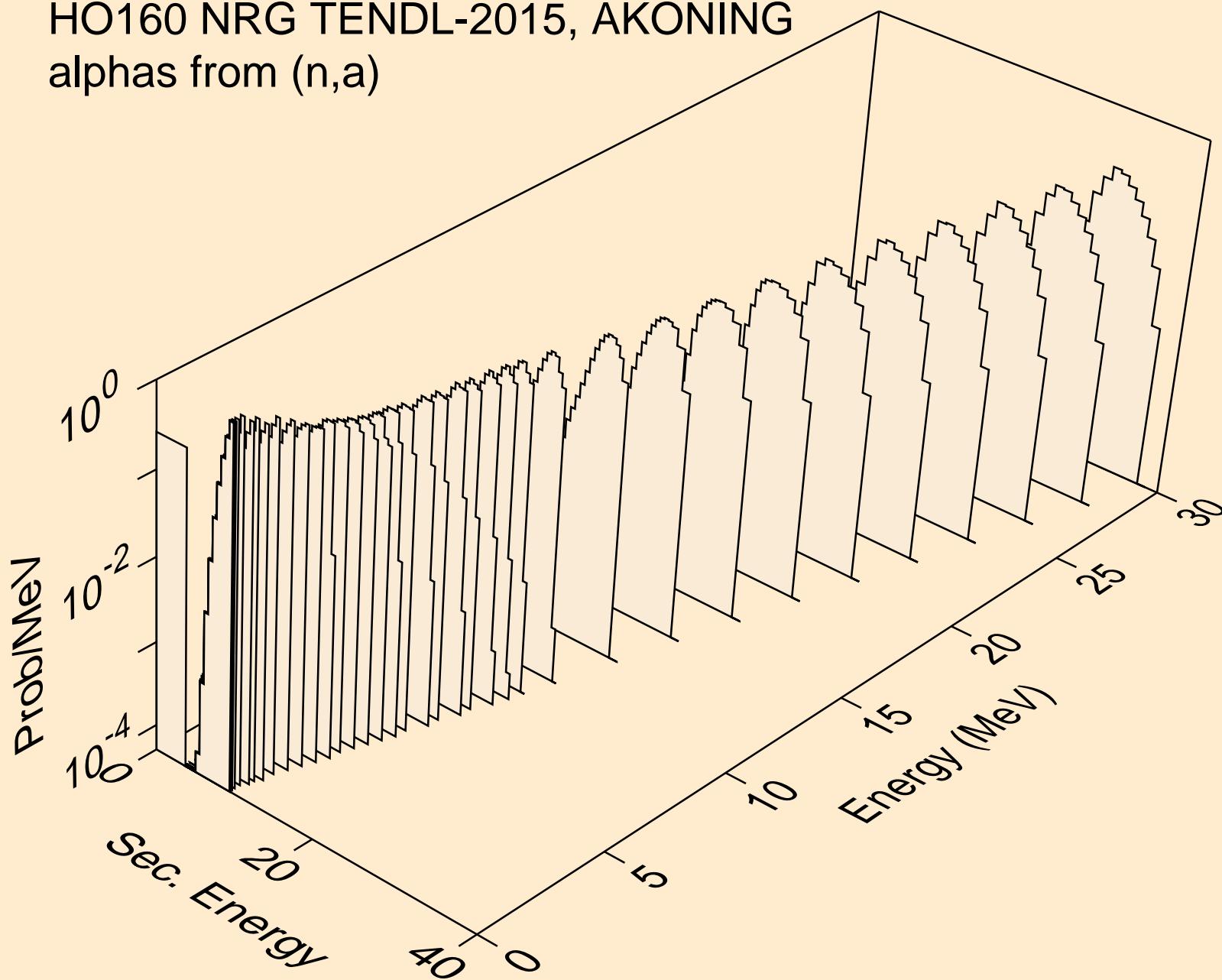
HO160 NRG TENDL-2015, AKONING  
alphas from ( $n,2n$ )2a



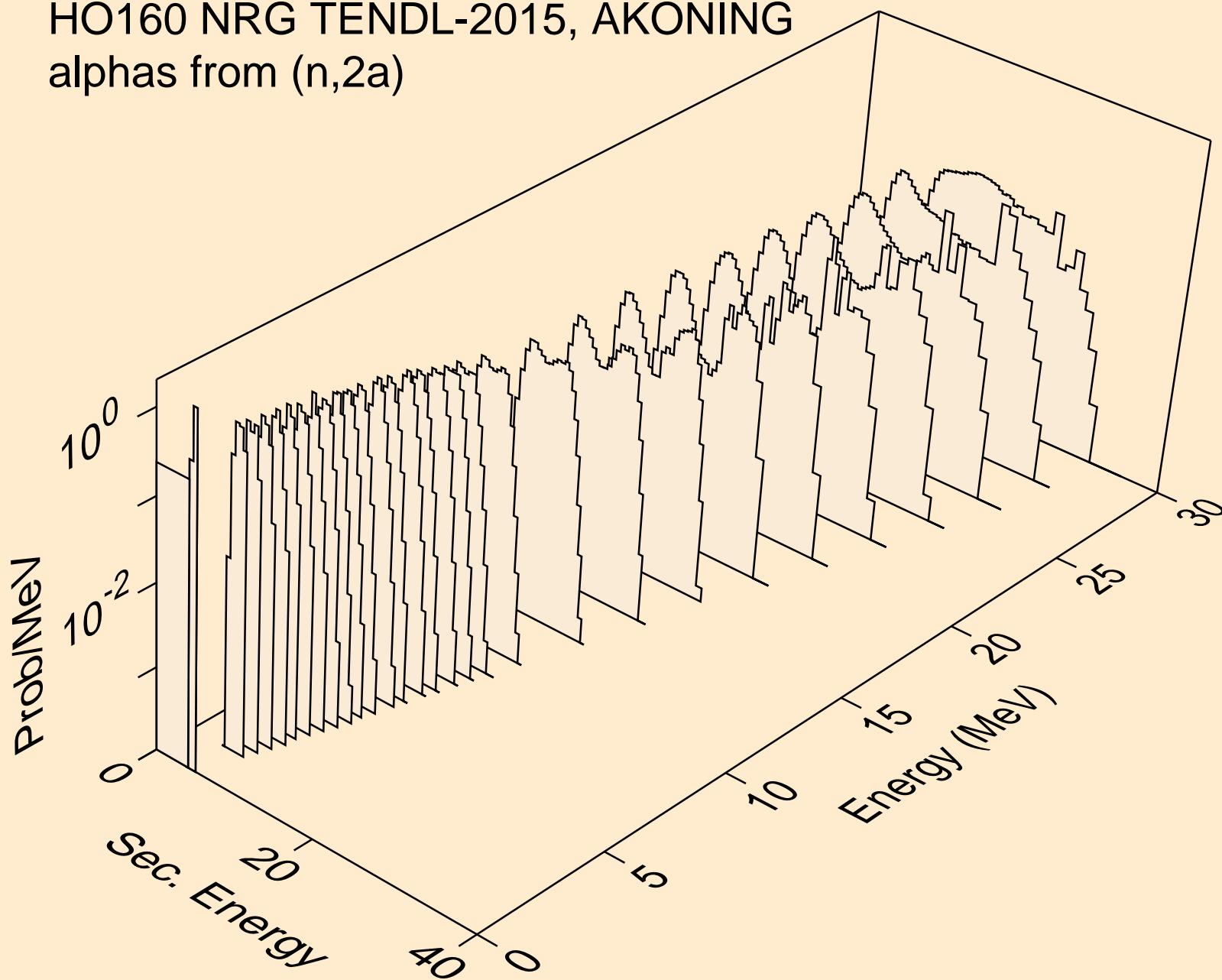
HO160 NRG TENDL-2015, AKONING  
alphas from (n,npa)



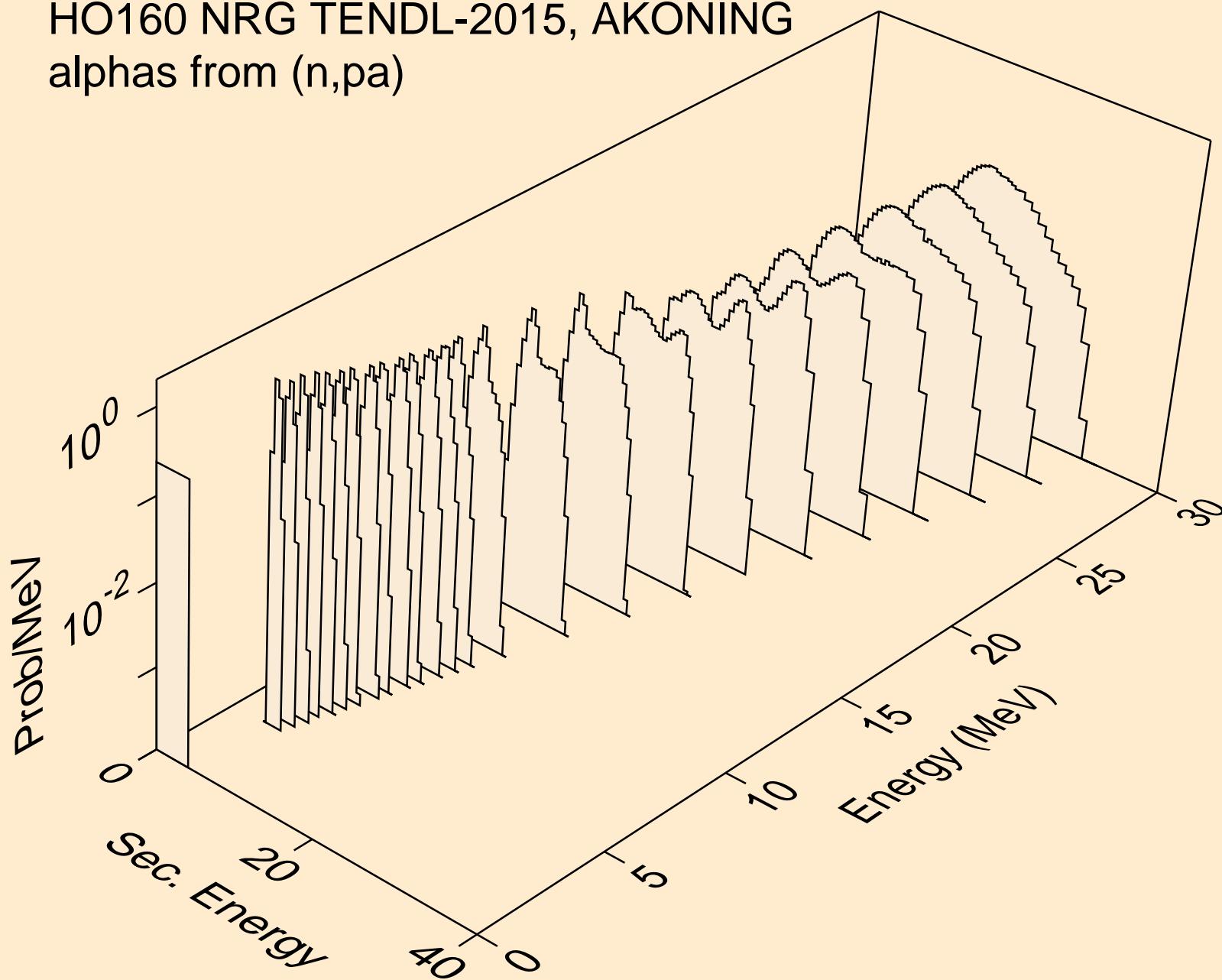
HO160 NRG TENDL-2015, AKONING  
alphas from (n,a)



HO160 NRG TENDL-2015, AKONING  
alphas from (n,2a)



HO160 NRG TENDL-2015, AKONING  
alphas from (n,pa)



HO160 NRG TENDL-2015, AKONING  
alphas from (n,da)

