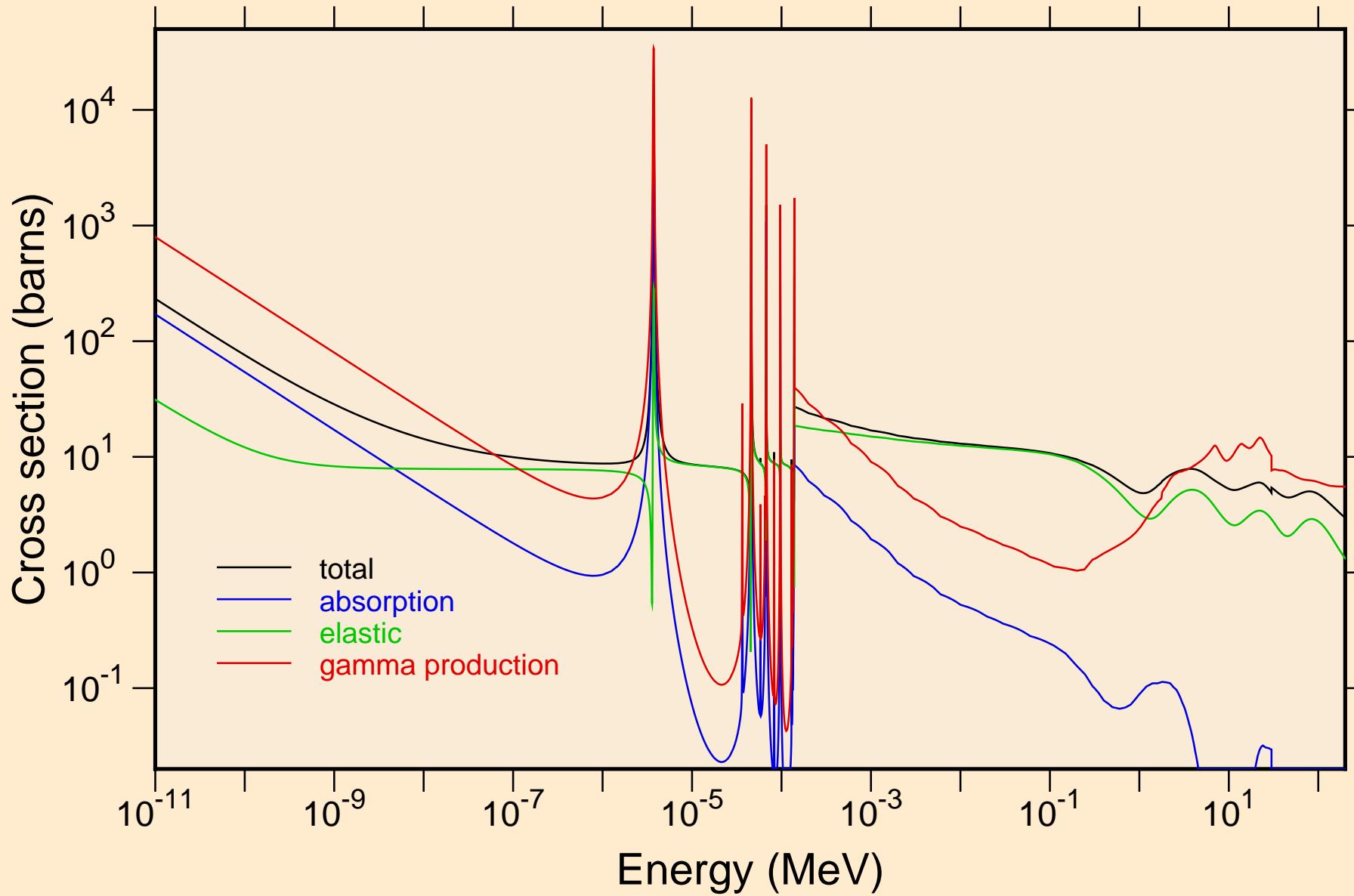
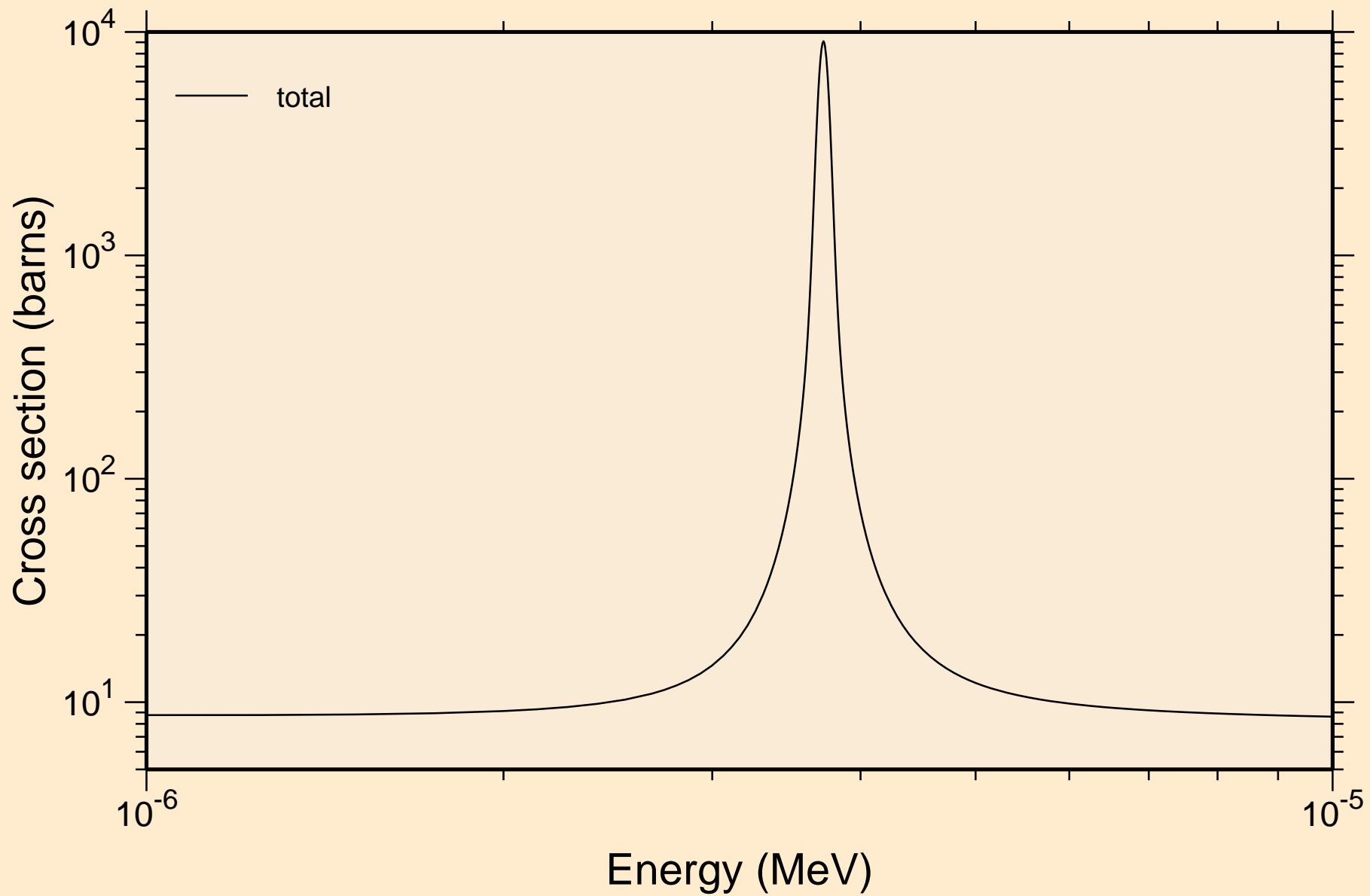


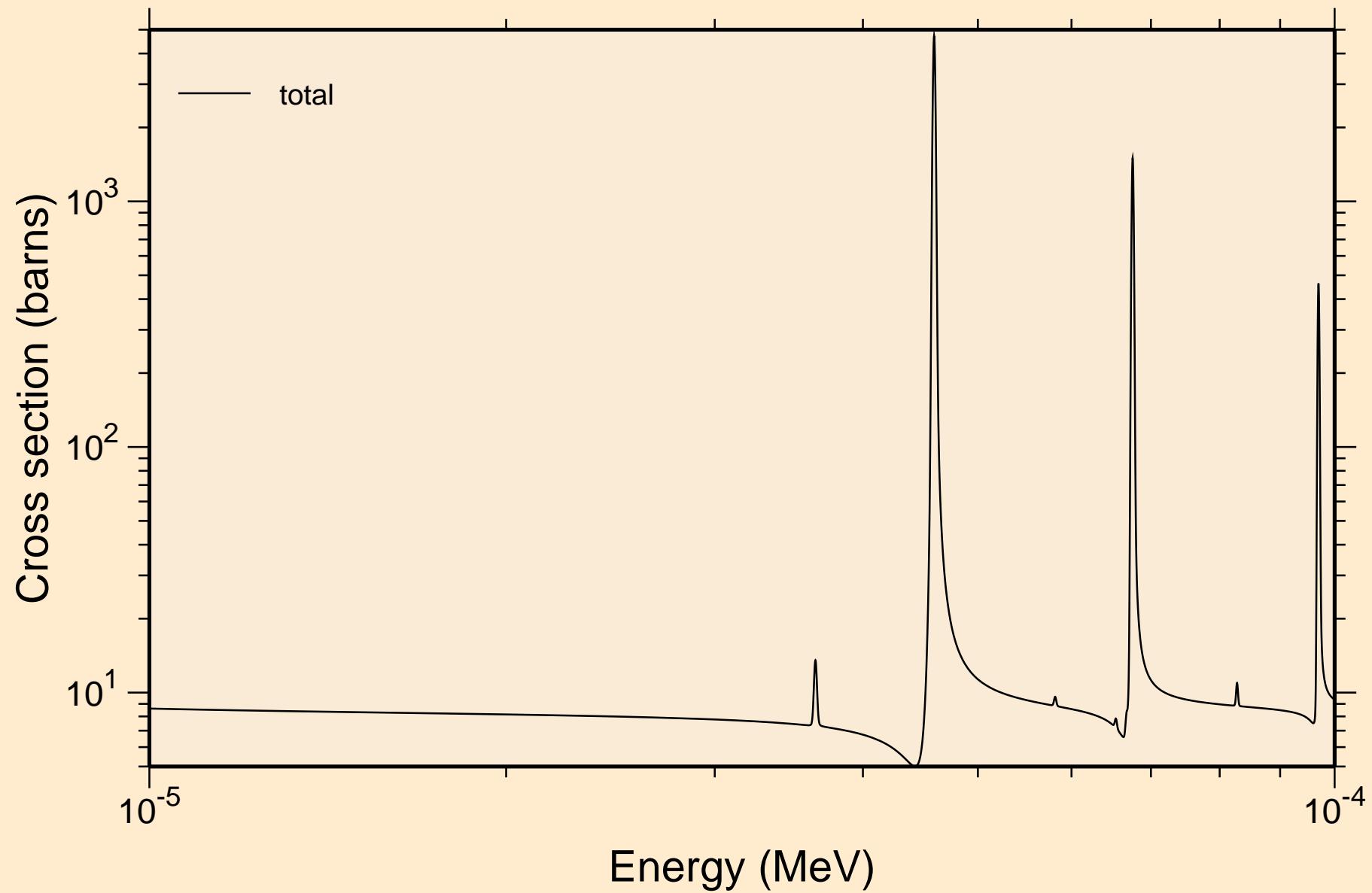
RA222 NRG TENDL-2015, AKONING  
Principal cross sections



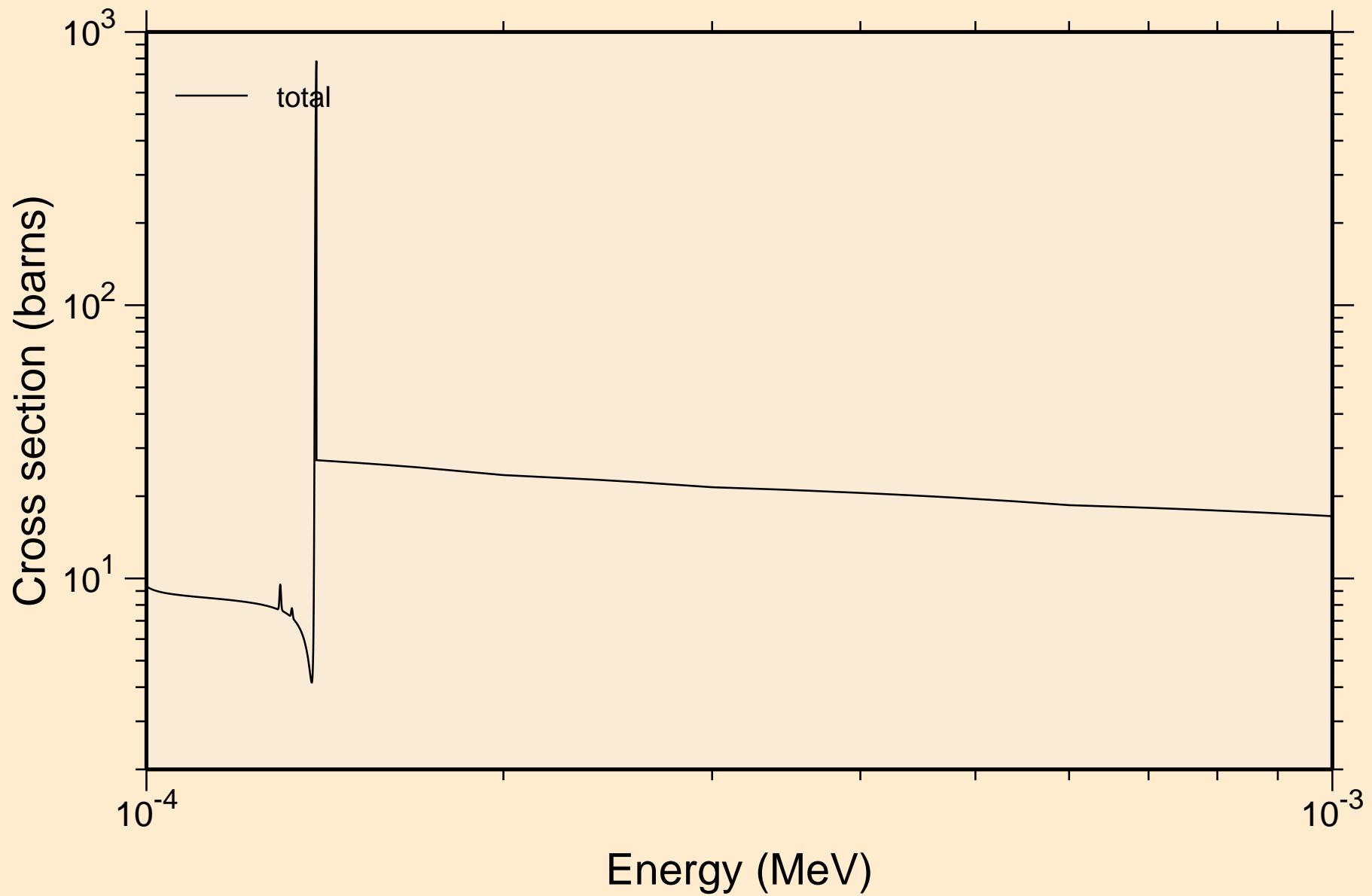
RA222 NRG TENDL-2015, AKONING  
resonance total cross section



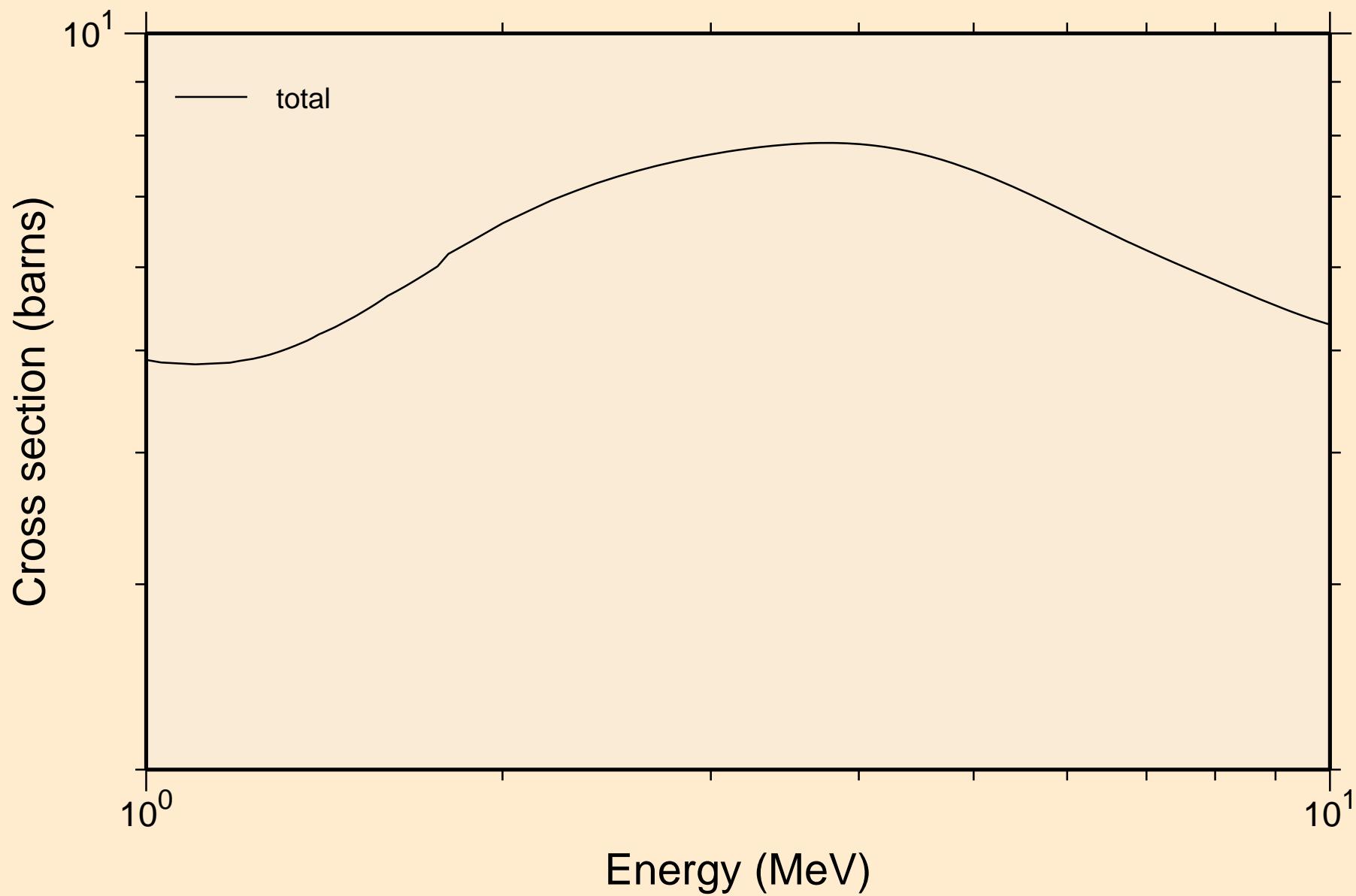
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resonance total cross section



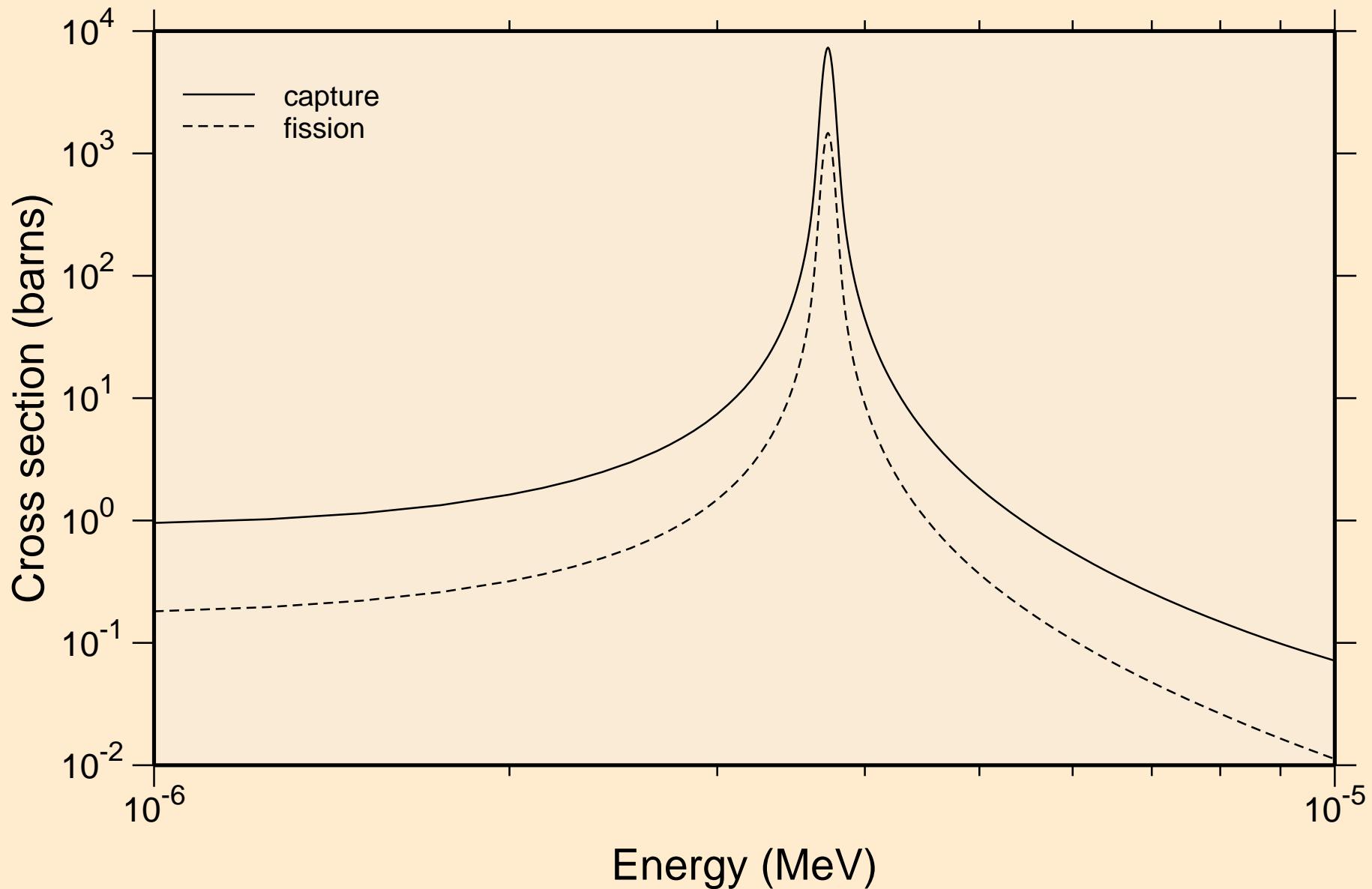
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resonance total cross section



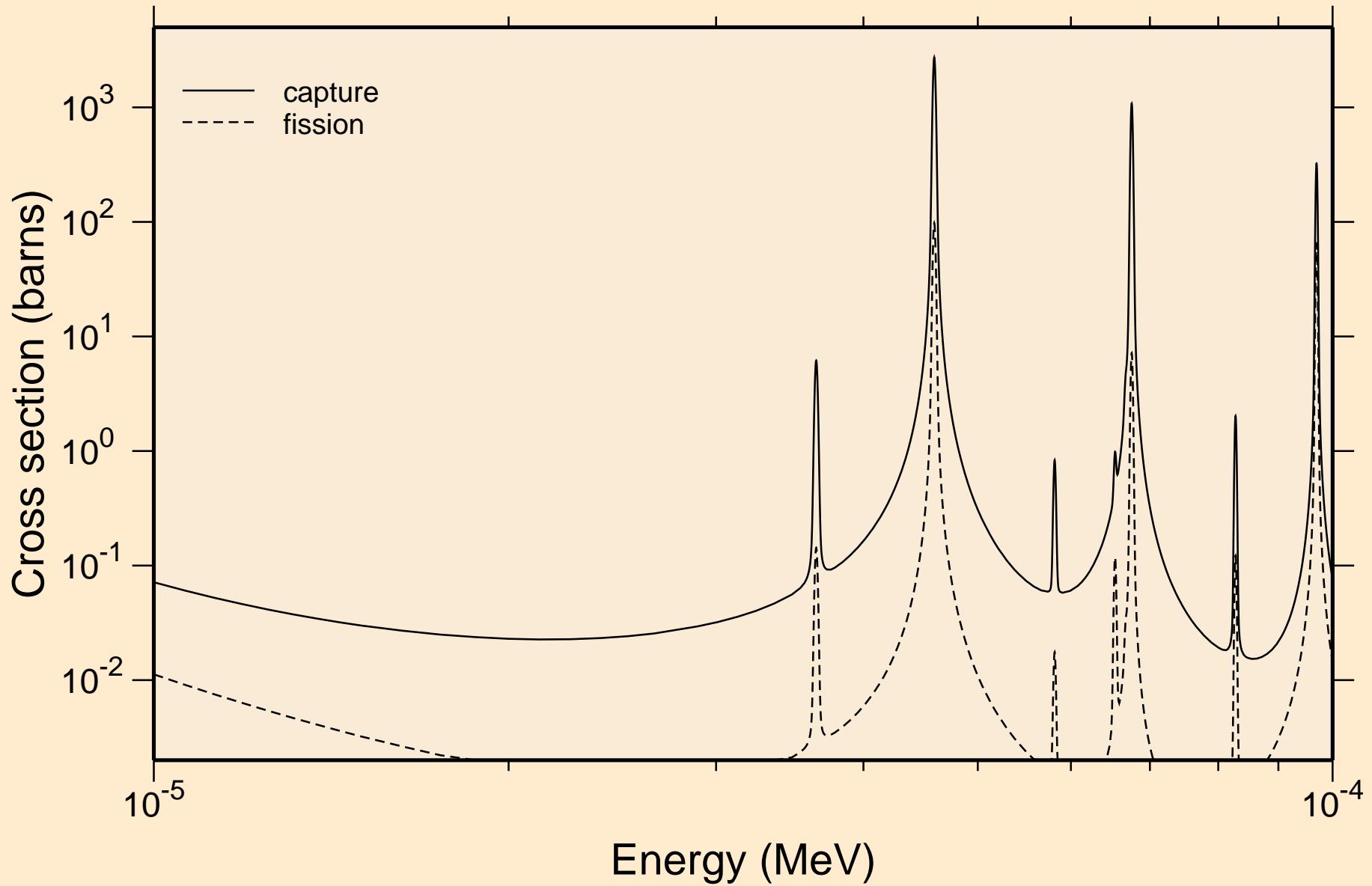
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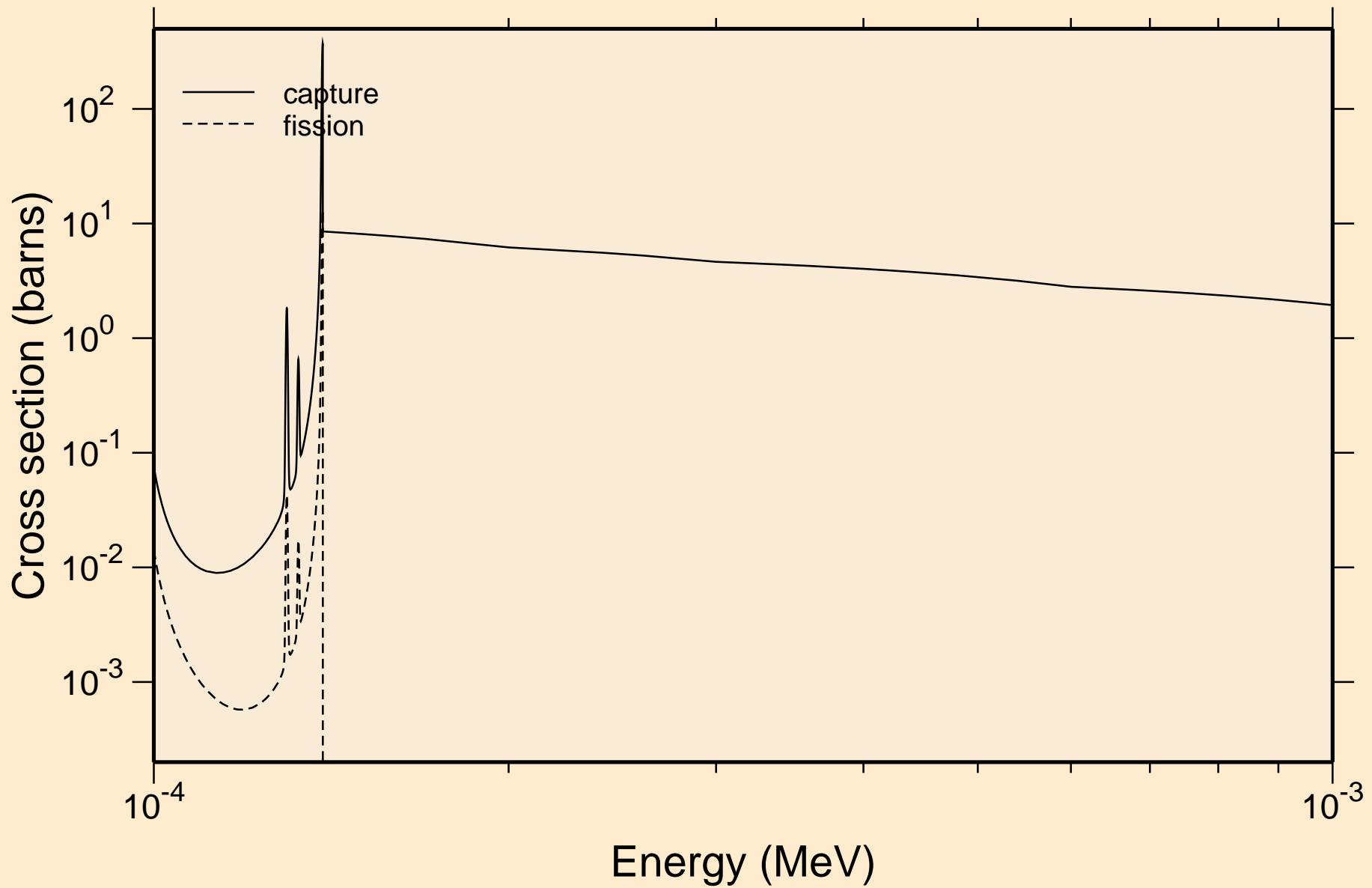
RA222 NRG TENDL-2015, AKONING  
resonance absorption cross sections



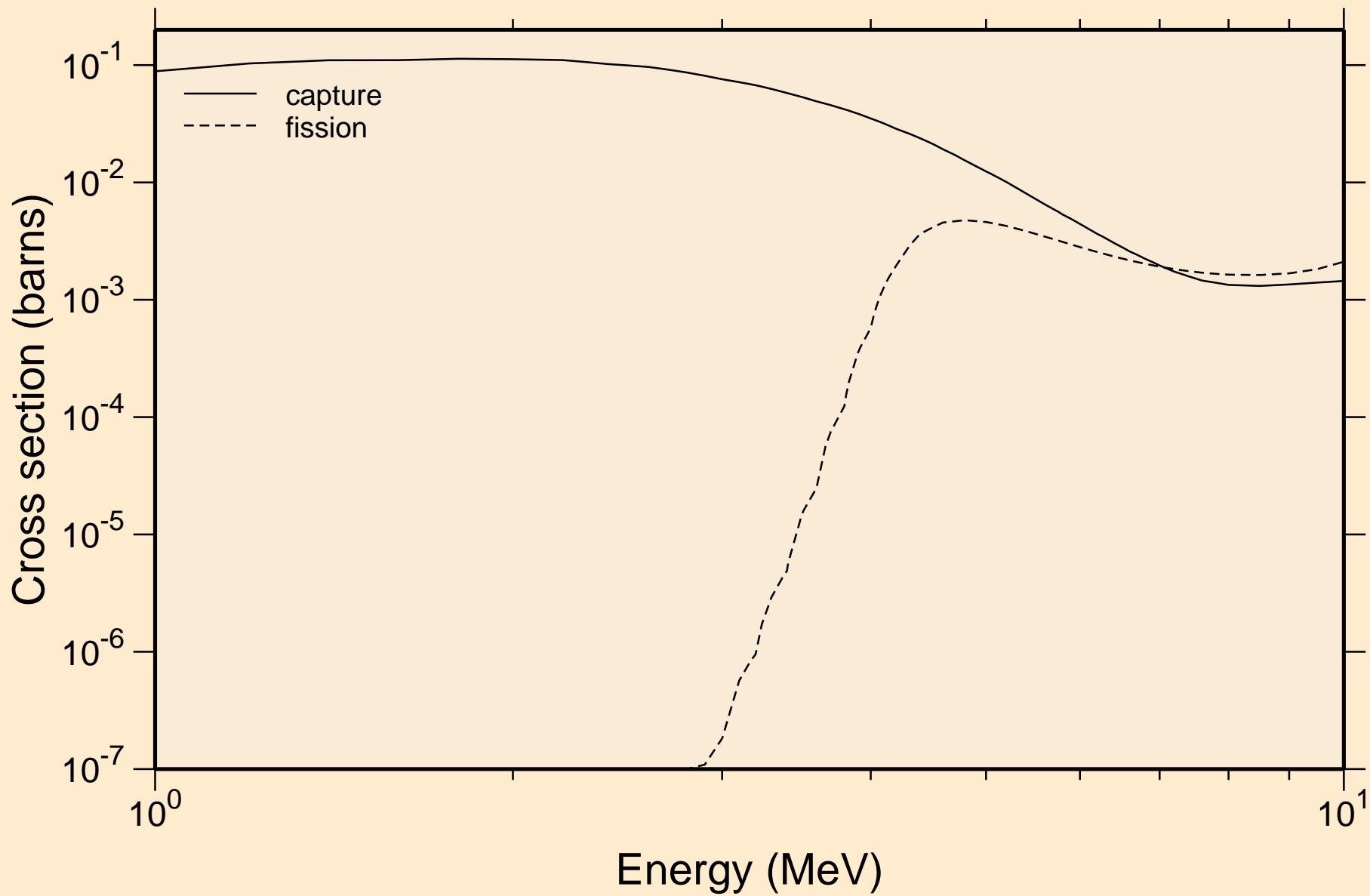
RA222 NRG TENDL-2015, AKONING  
resonance absorption cross sections



RA222 NRG TENDL-2015, AKONING  
resonance absorption cross sections

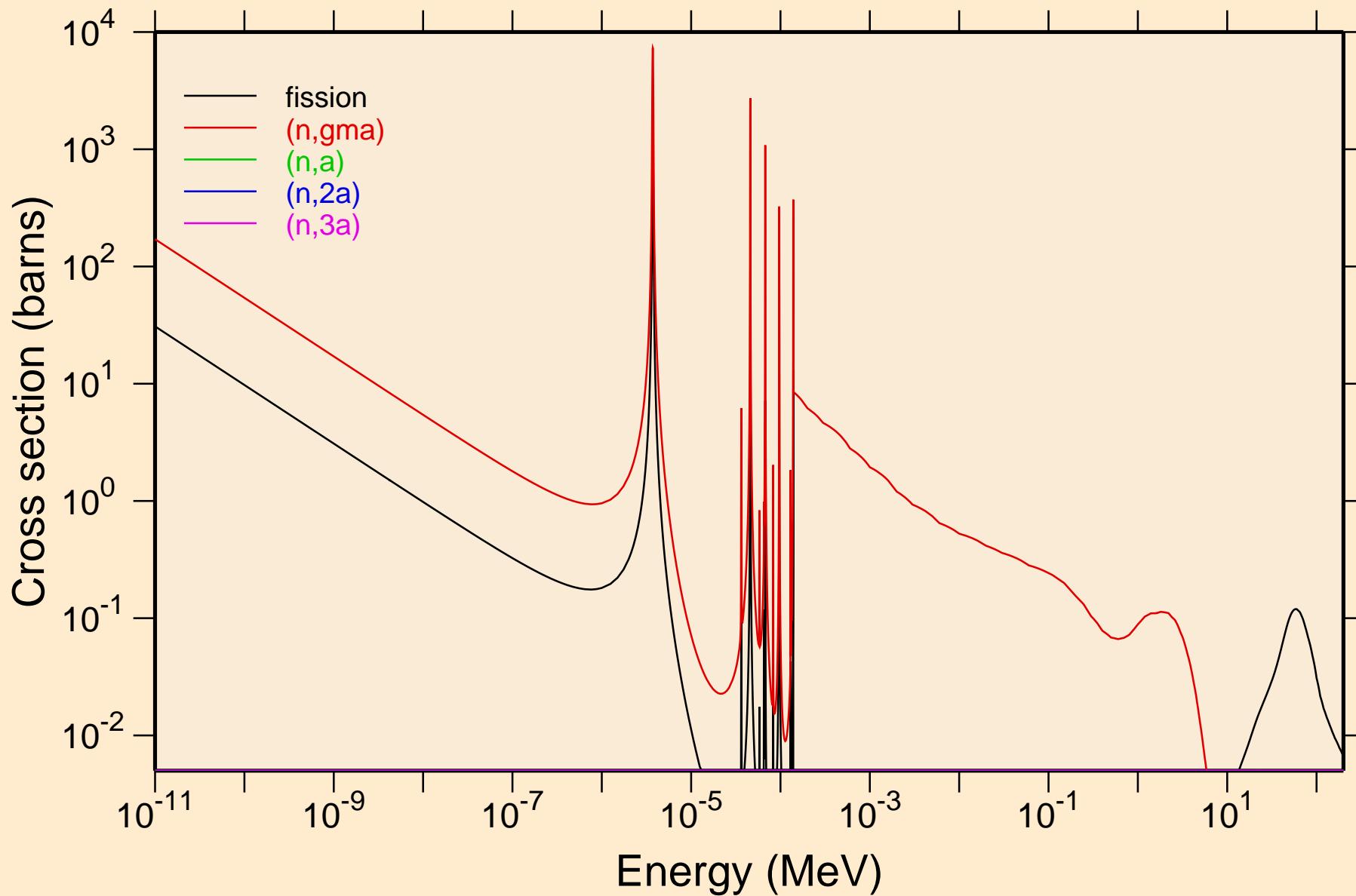


RA222 NRG TENDL-2015, AKONING  
resonance absorption cross sections

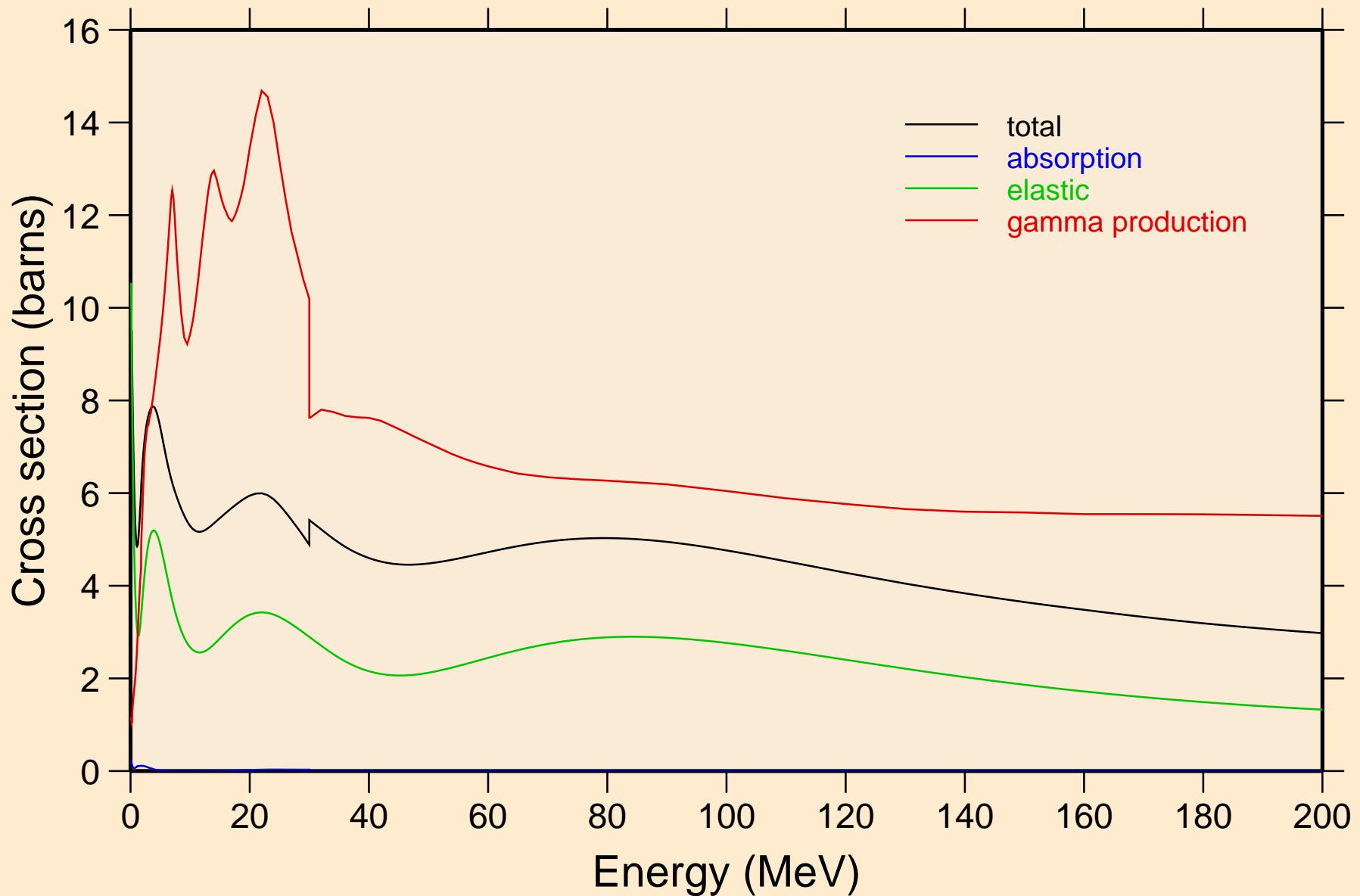


# RA222 NRG TENDL-2015, AKONING

## Non-threshold reactions

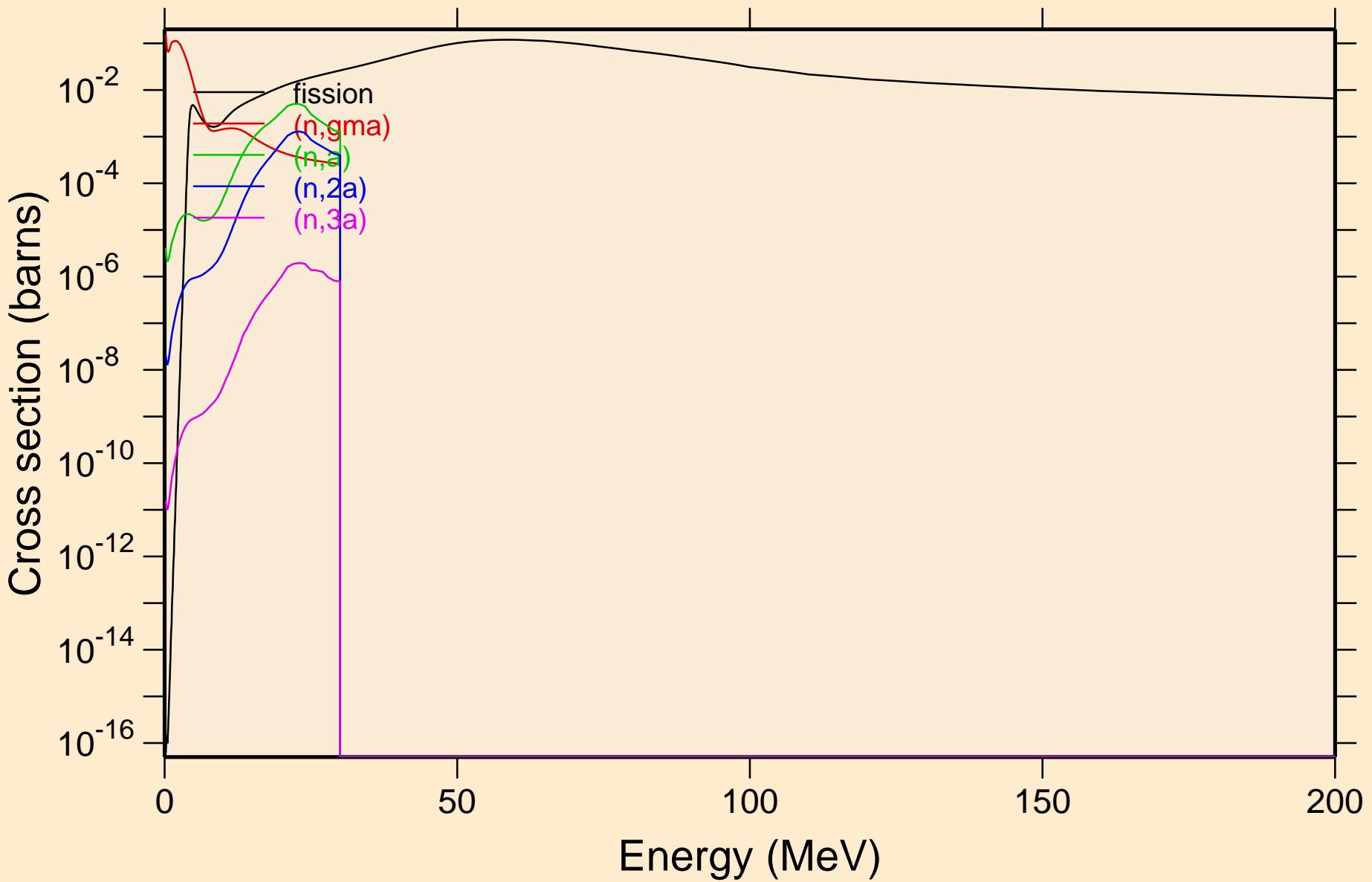


RA222 NRG TENDL-2015, AKONING  
Principal cross sections

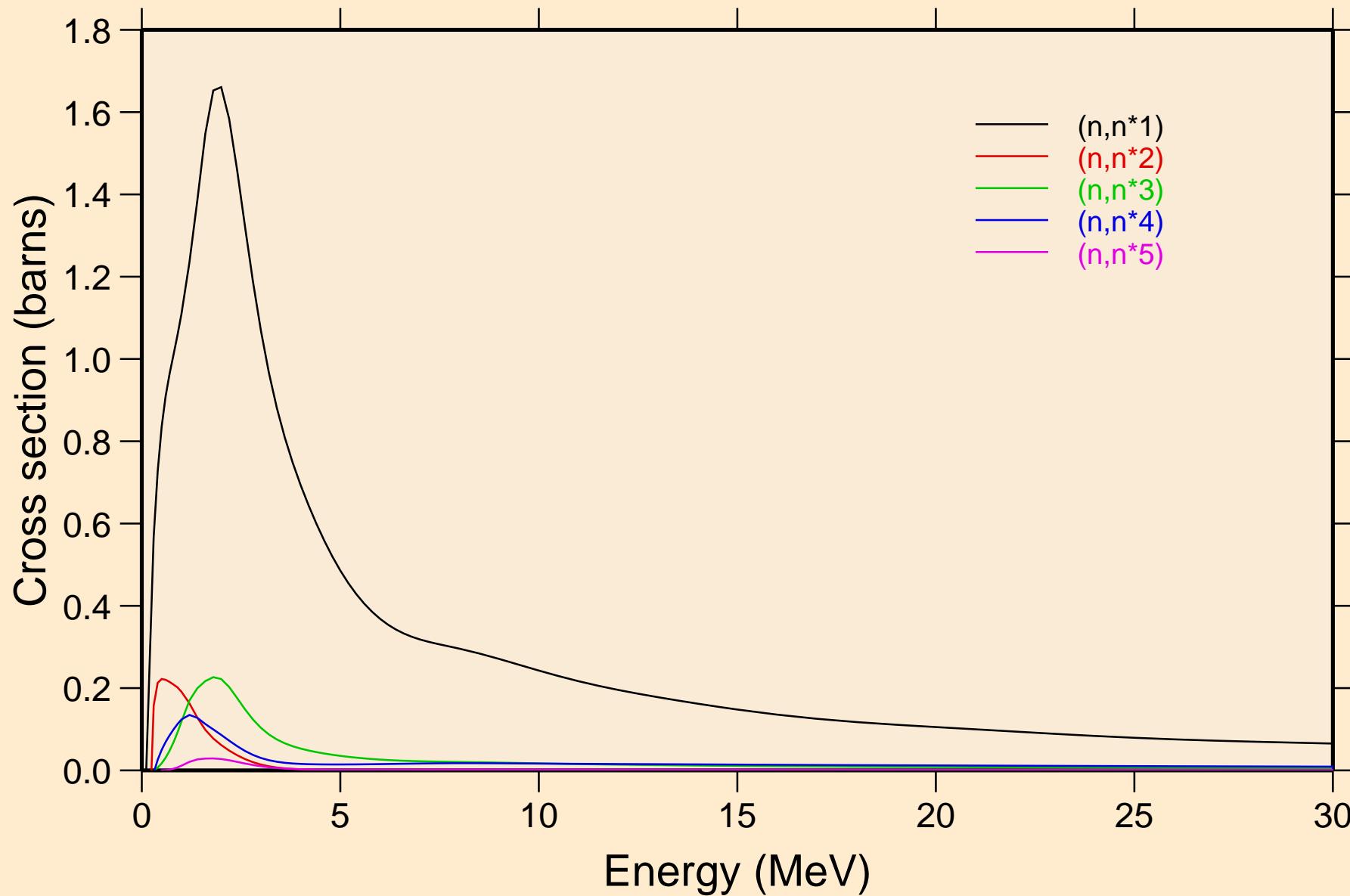


# RA222 NRG TENDL-2015, AKONING

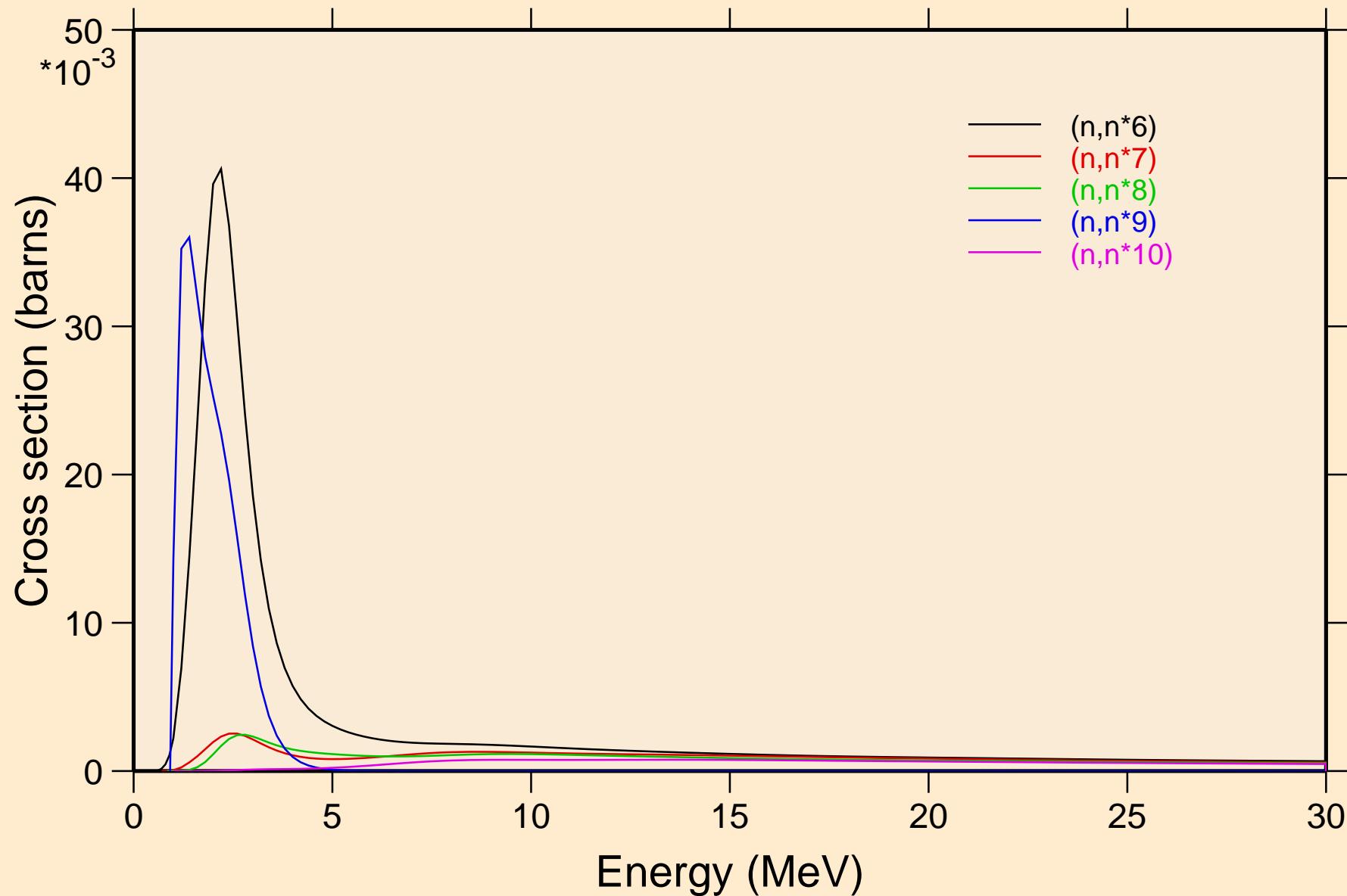
## Non-threshold reactions



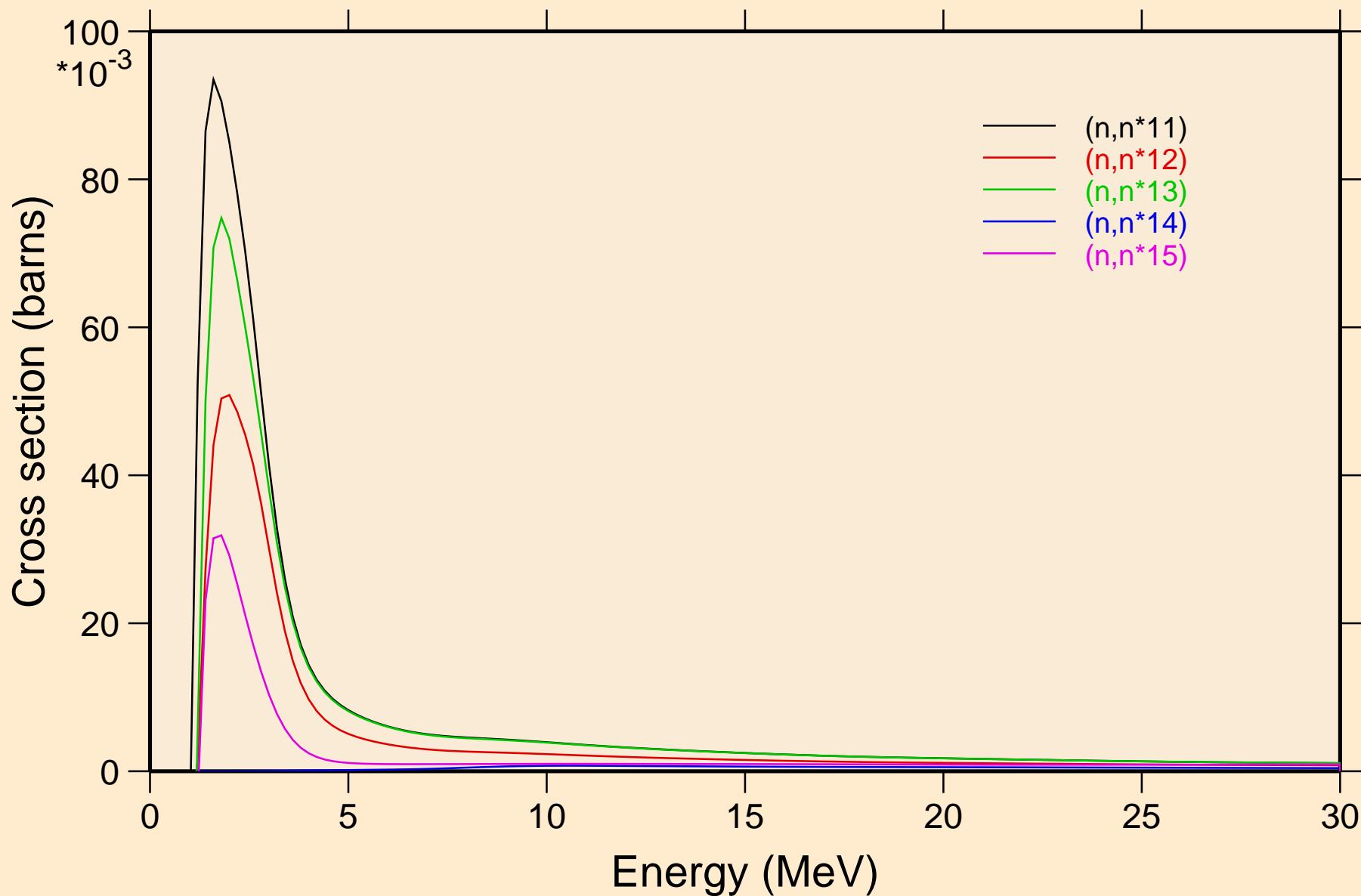
RA222 NRG TENDL-2015, AKONING  
Inelastic levels



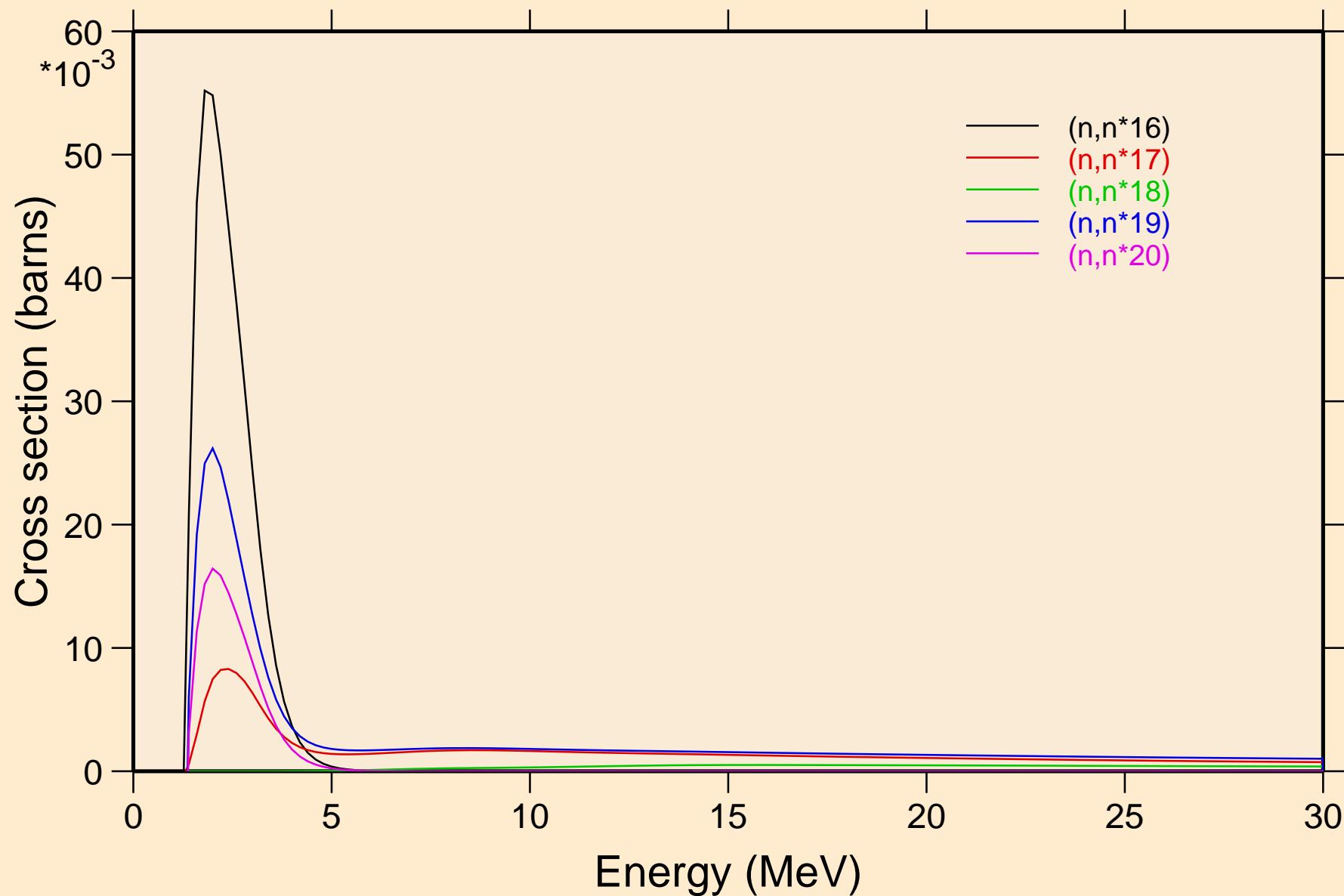
RA222 NRG TENDL-2015, AKONING  
Inelastic levels



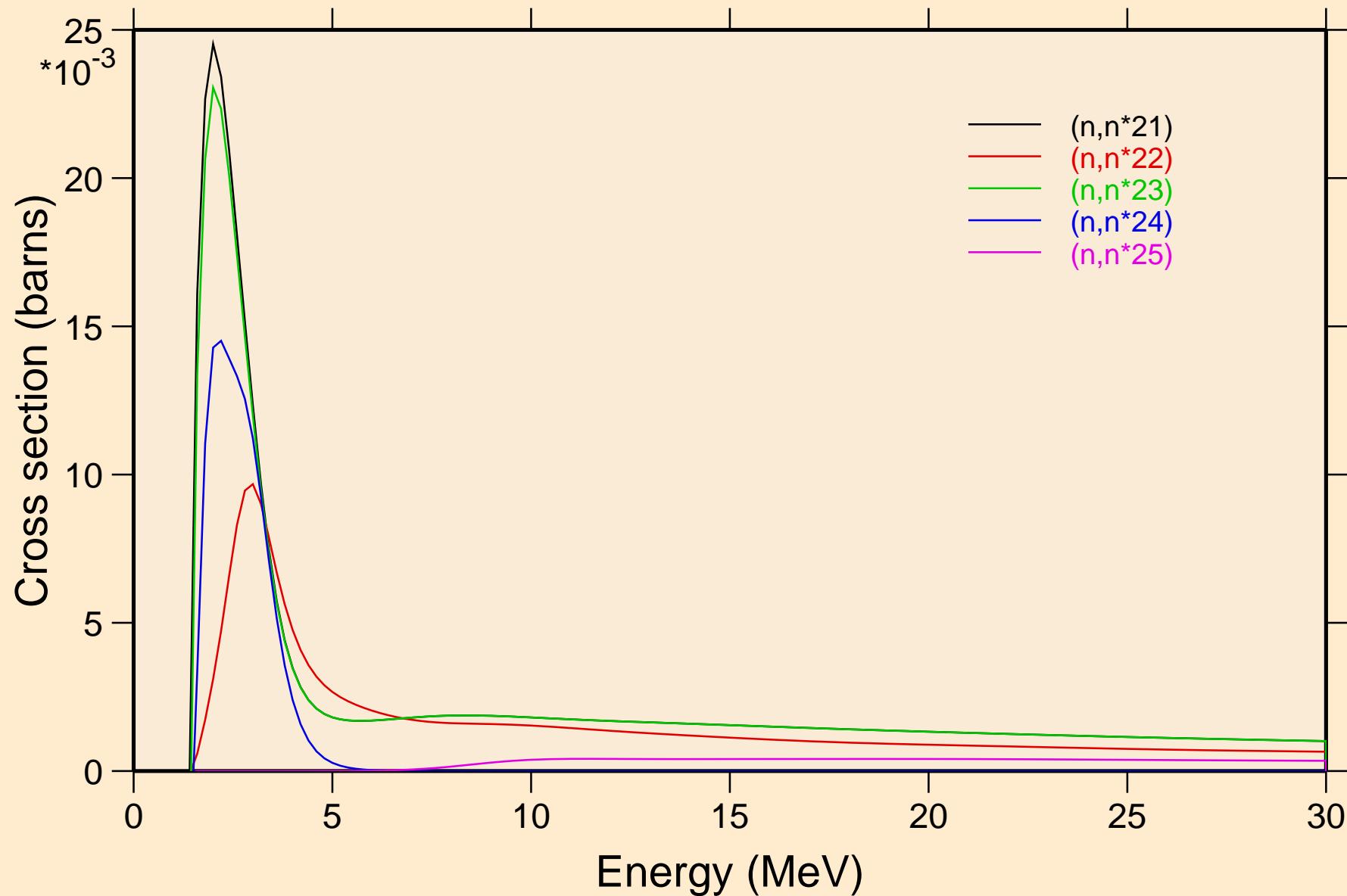
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Inelastic levels



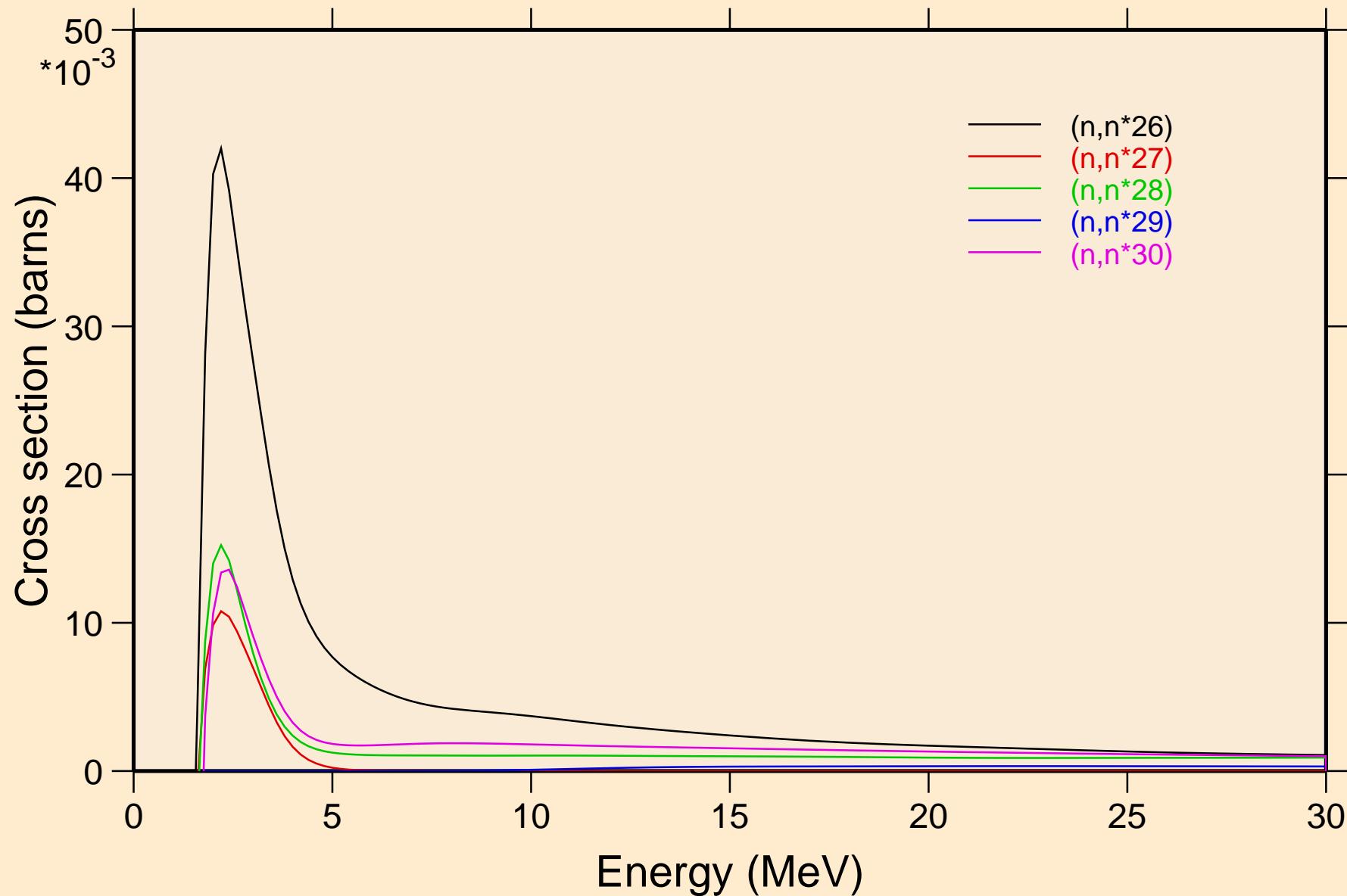
RA222 NRG TENDL-2015, AKONING  
Inelastic levels



RA222 NRG TENDL-2015, AKONING  
Inelastic levels

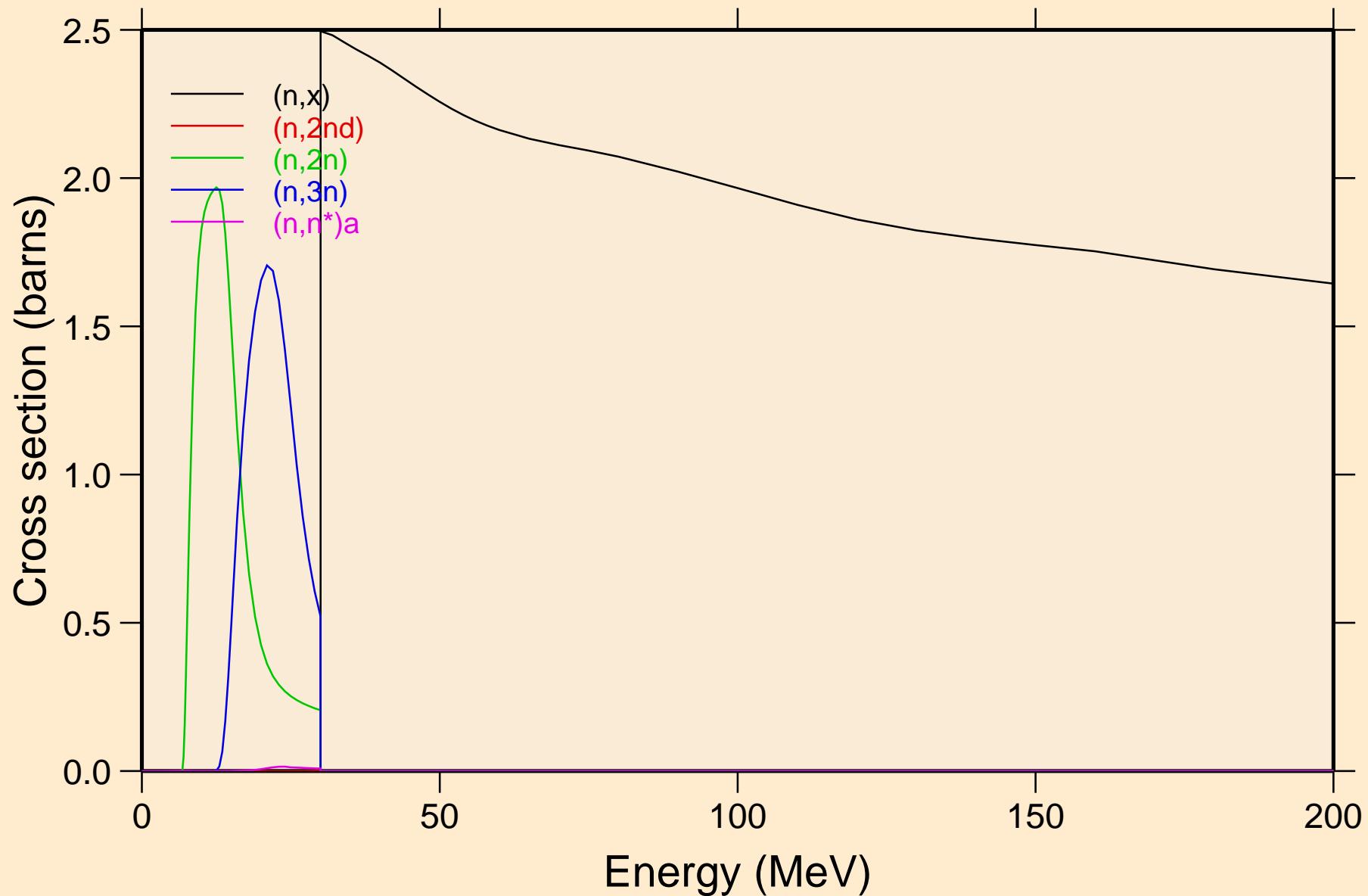


RA222 NRG TENDL-2015, AKONING  
Inelastic levels



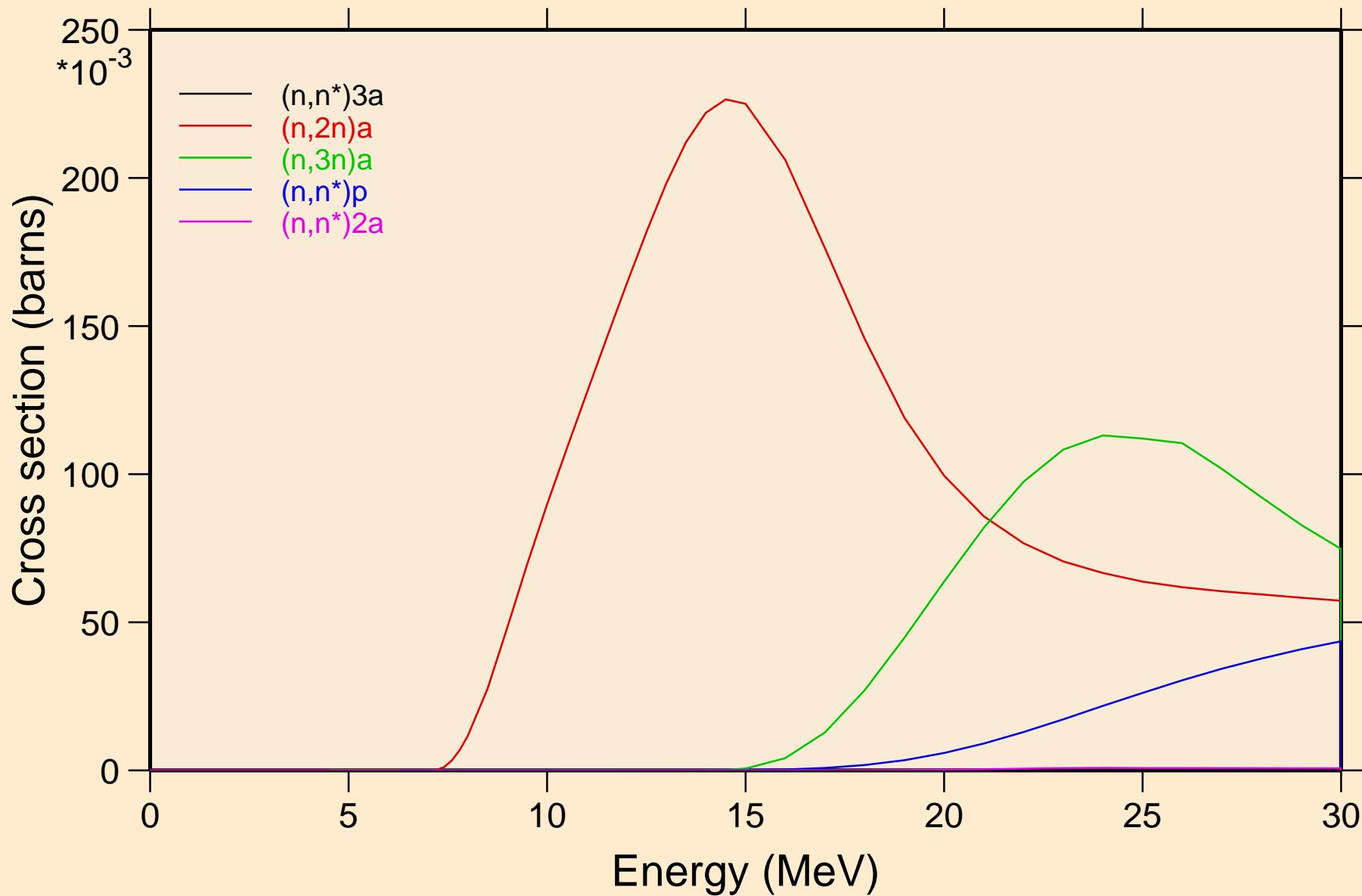
# RA222 NRG TENDL-2015, AKONING

## Threshold reactions

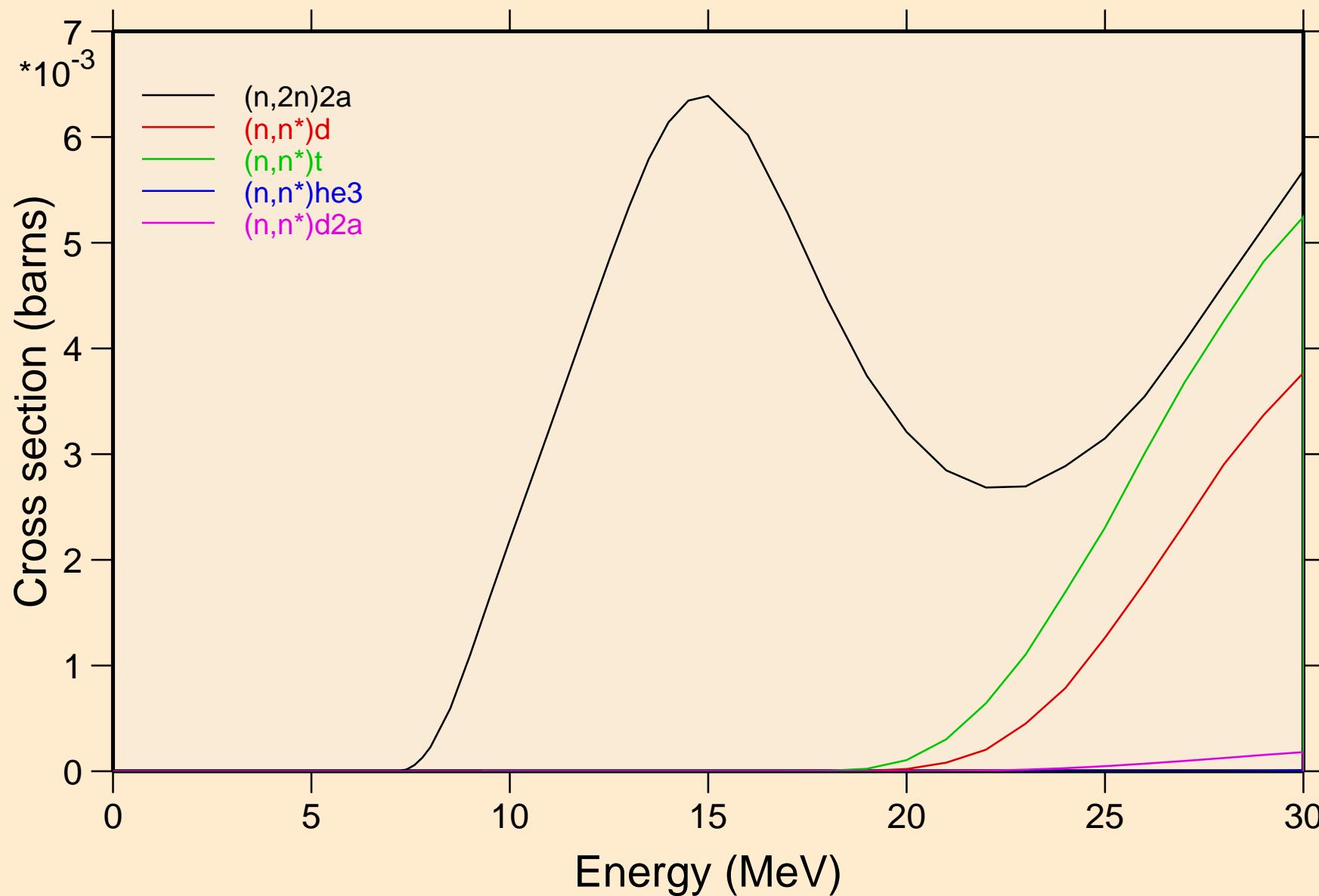


# RA222 NRG TENDL-2015, AKONING

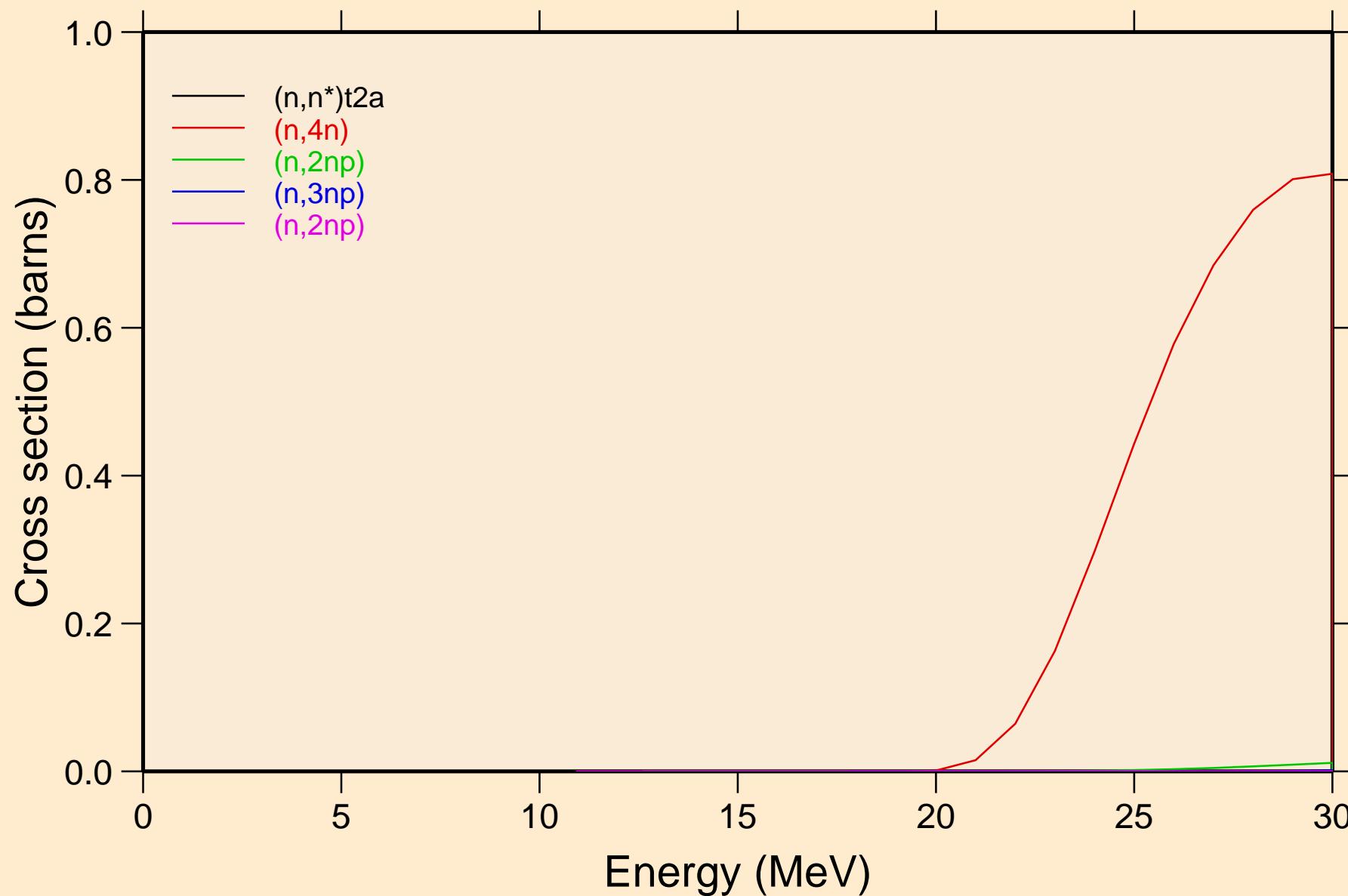
## Threshold reactions



RA222 NRG TENDL-2015, AKONING  
Threshold reactions

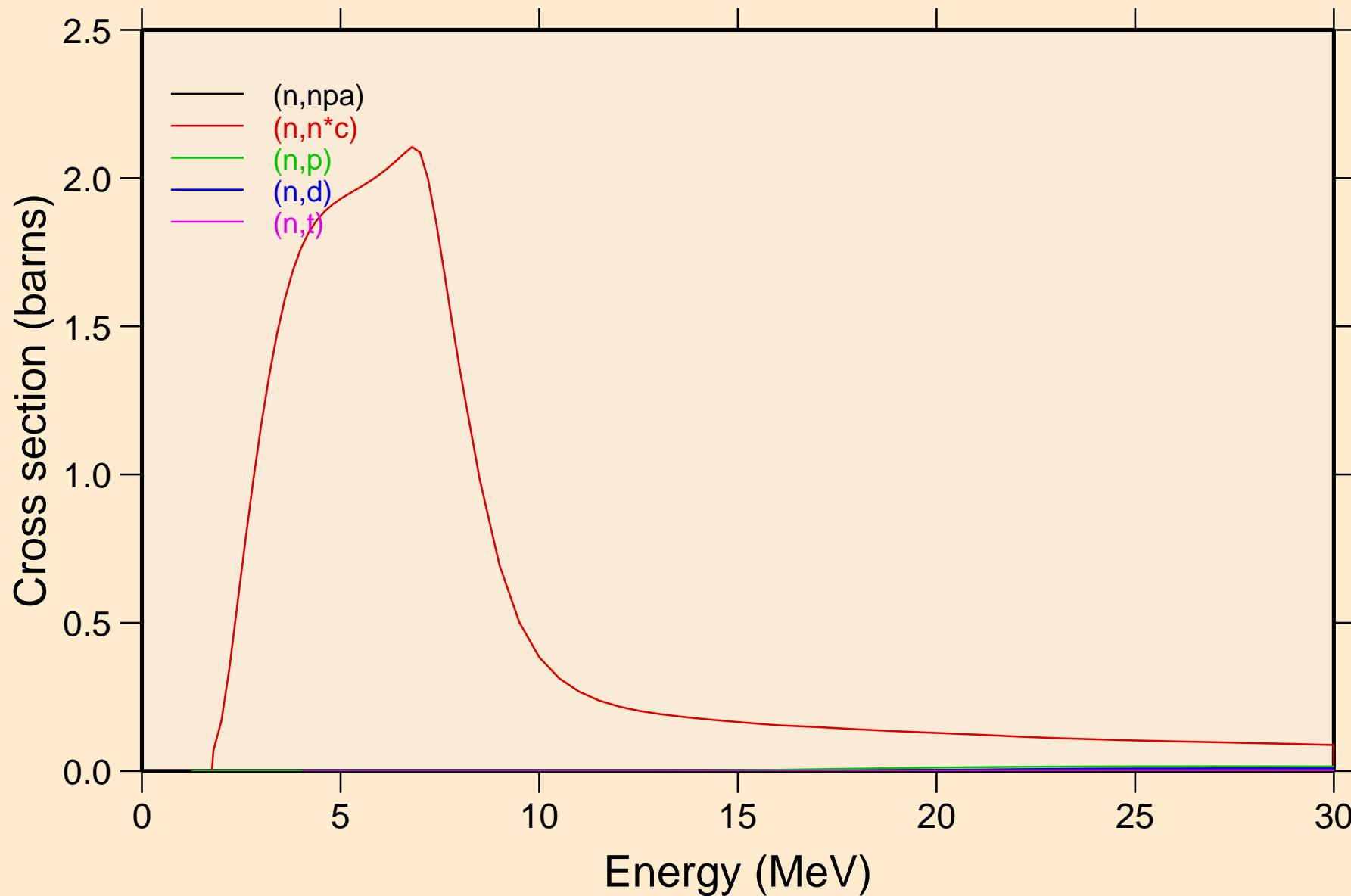


RA222 NRG TENDL-2015, AKONING  
Threshold reactions



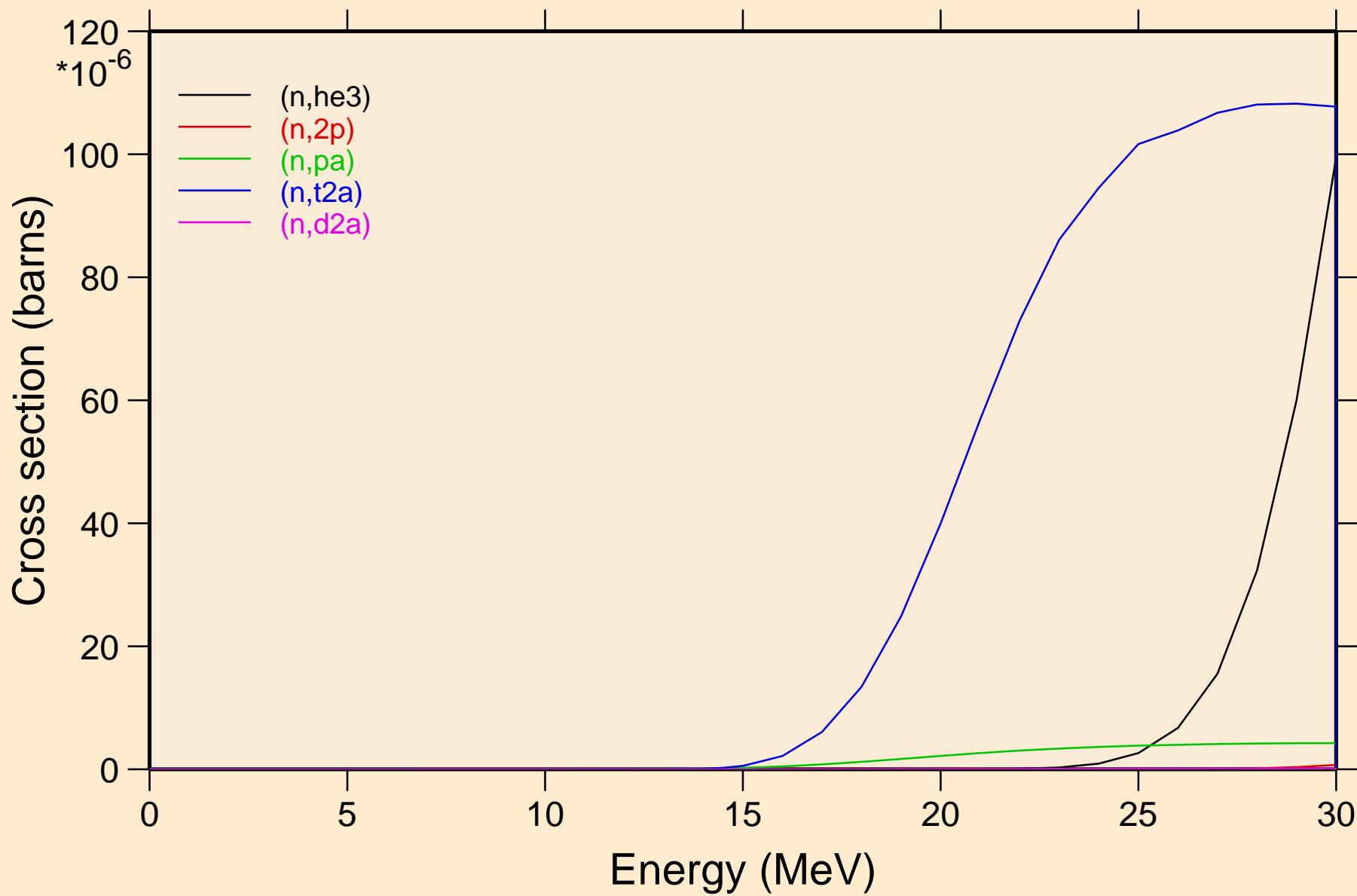
# RA222 NRG TENDL-2015, AKONING

## Threshold reactions

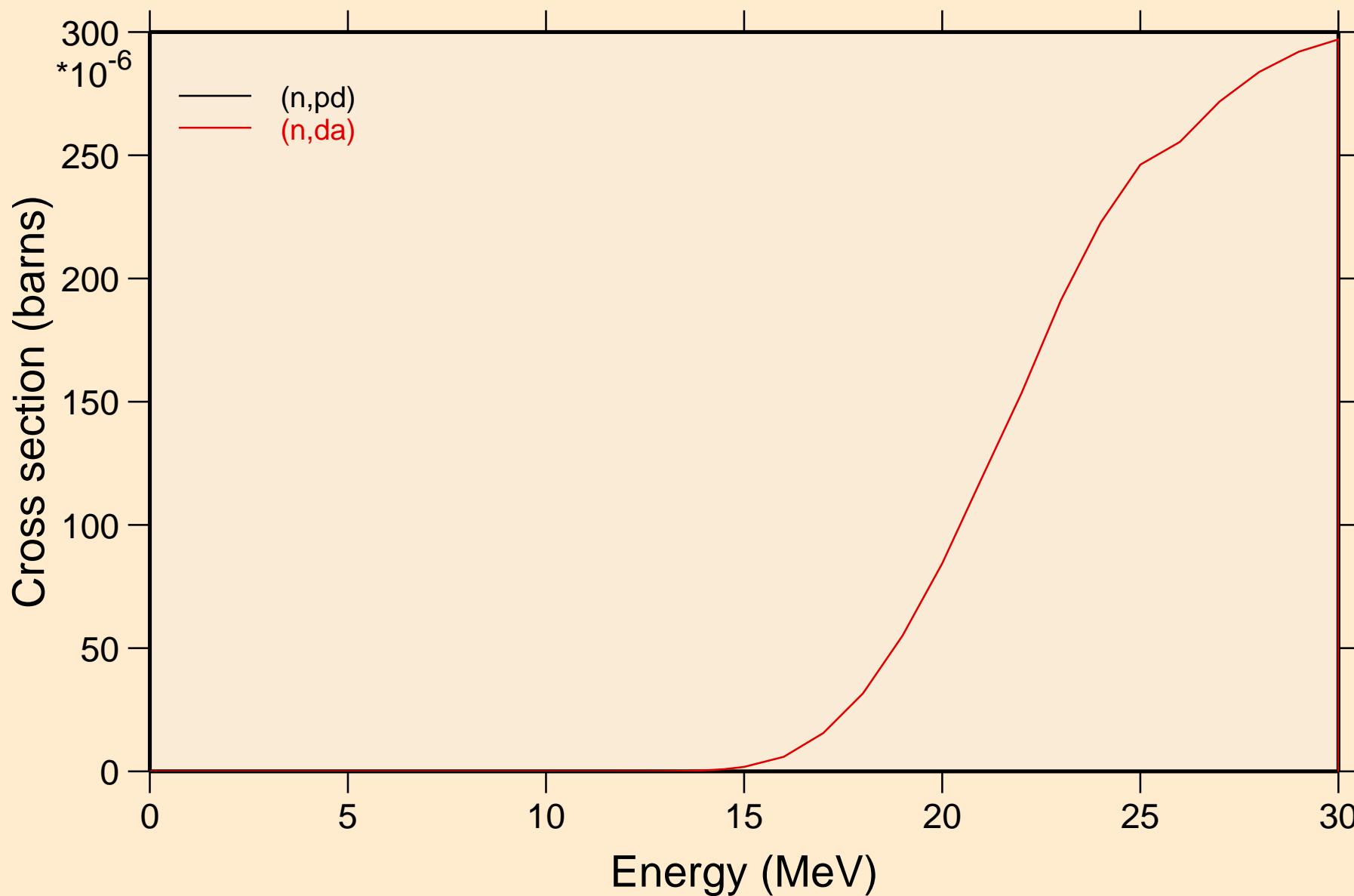


# RA222 NRG TENDL-2015, AKONING

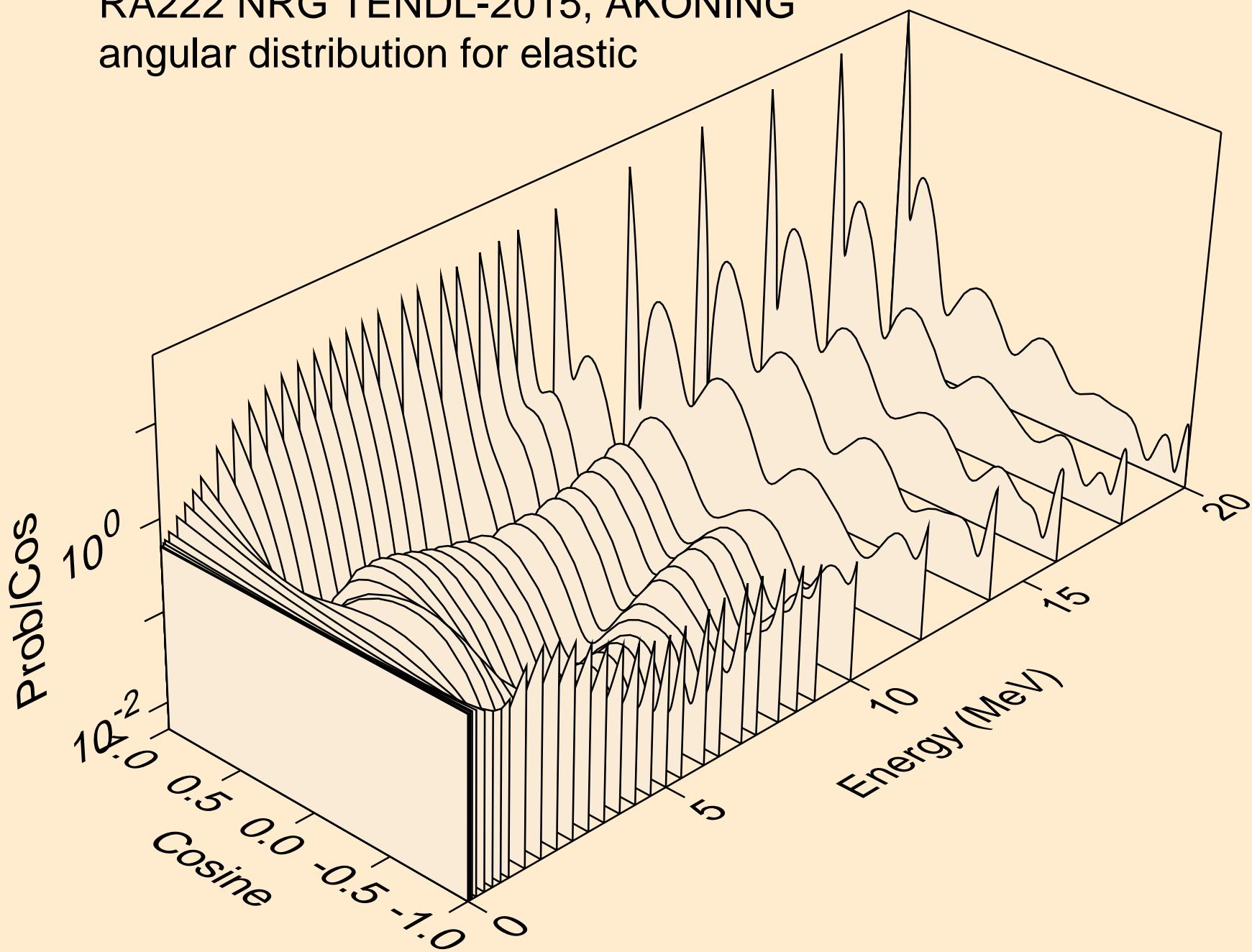
## Threshold reactions



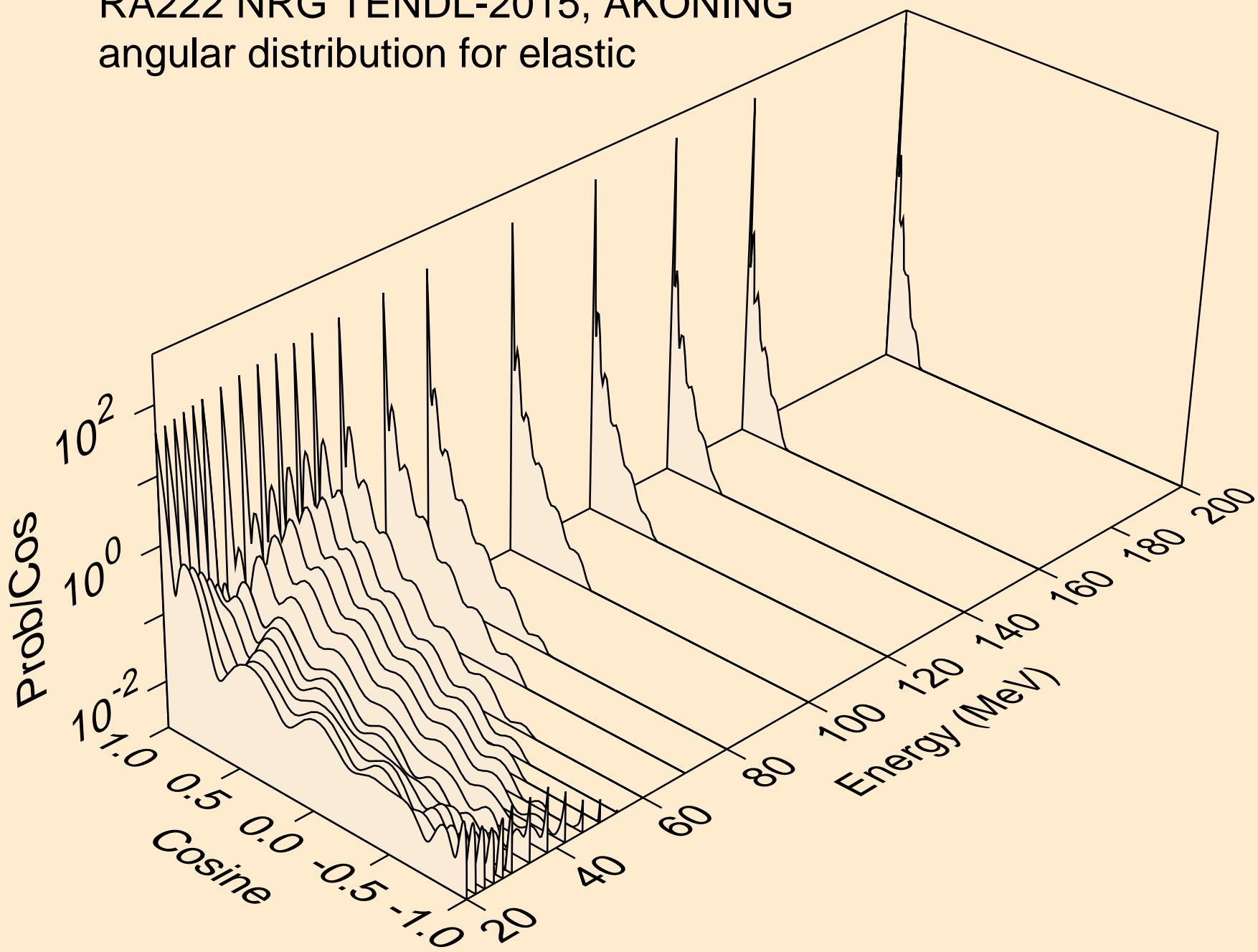
RA222 NRG TENDL-2015, AKONING  
Threshold reactions



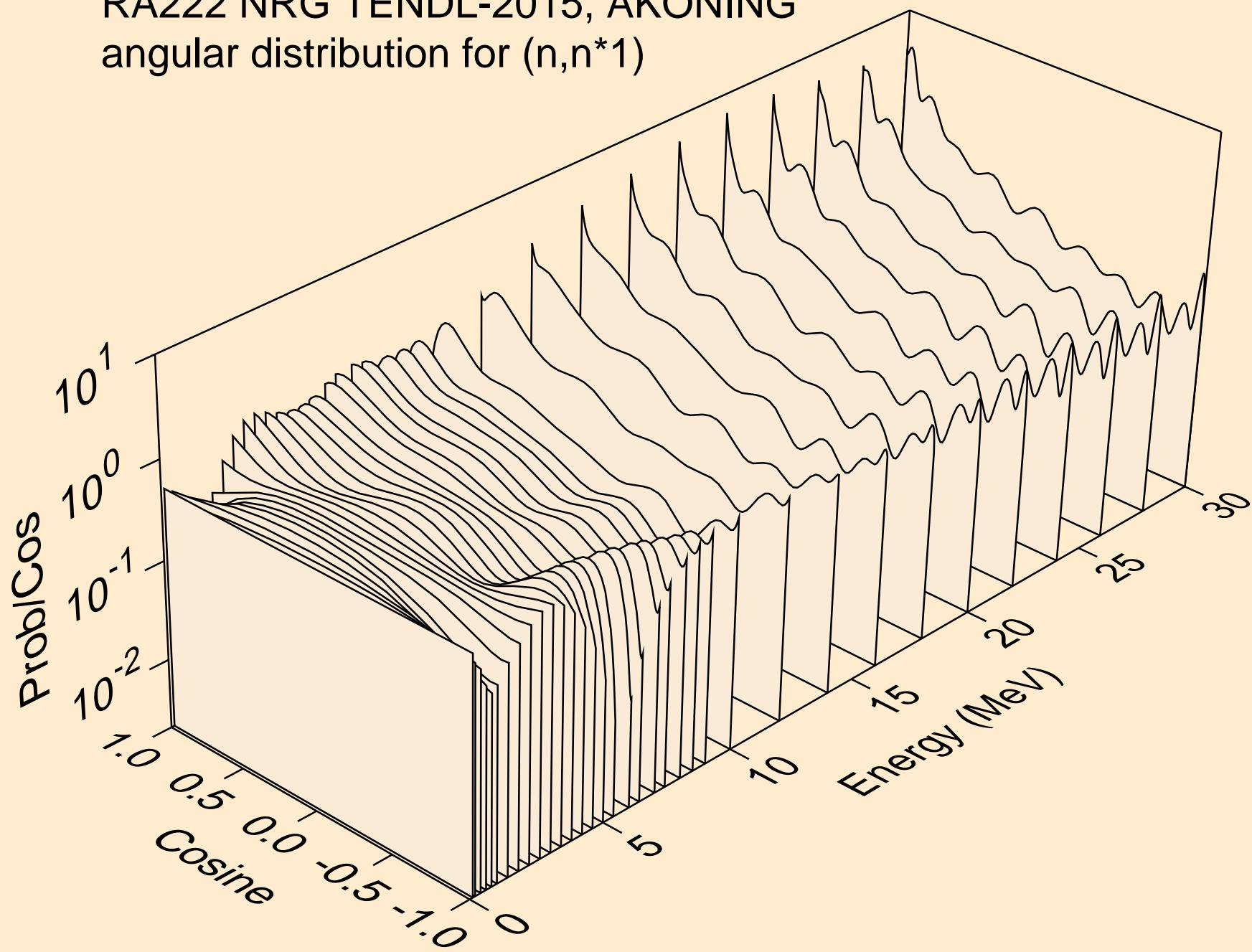
RA222 NRG TENDL-2015, AKONING  
angular distribution for elastic



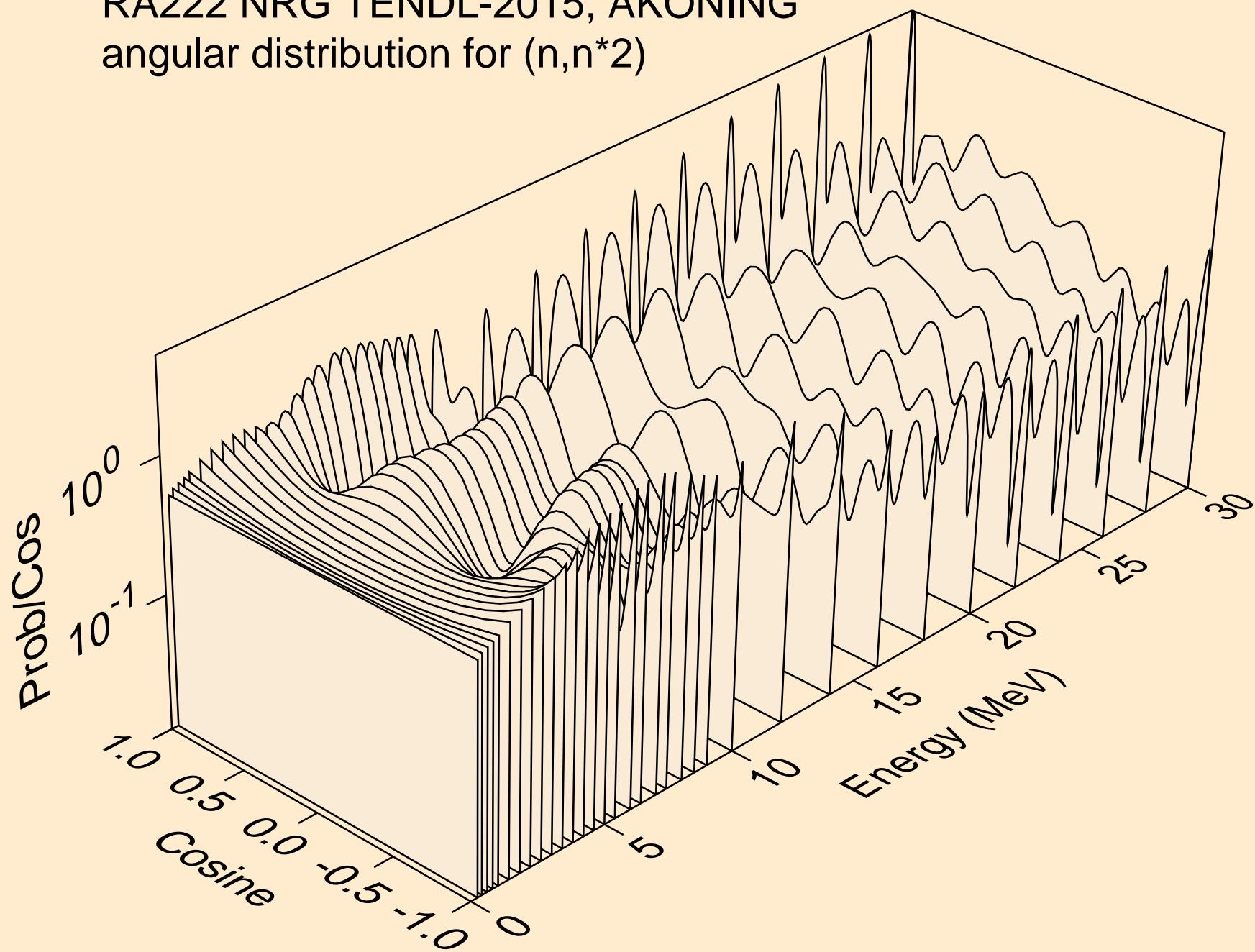
RA222 NRG TENDL-2015, AKONING  
angular distribution for elastic



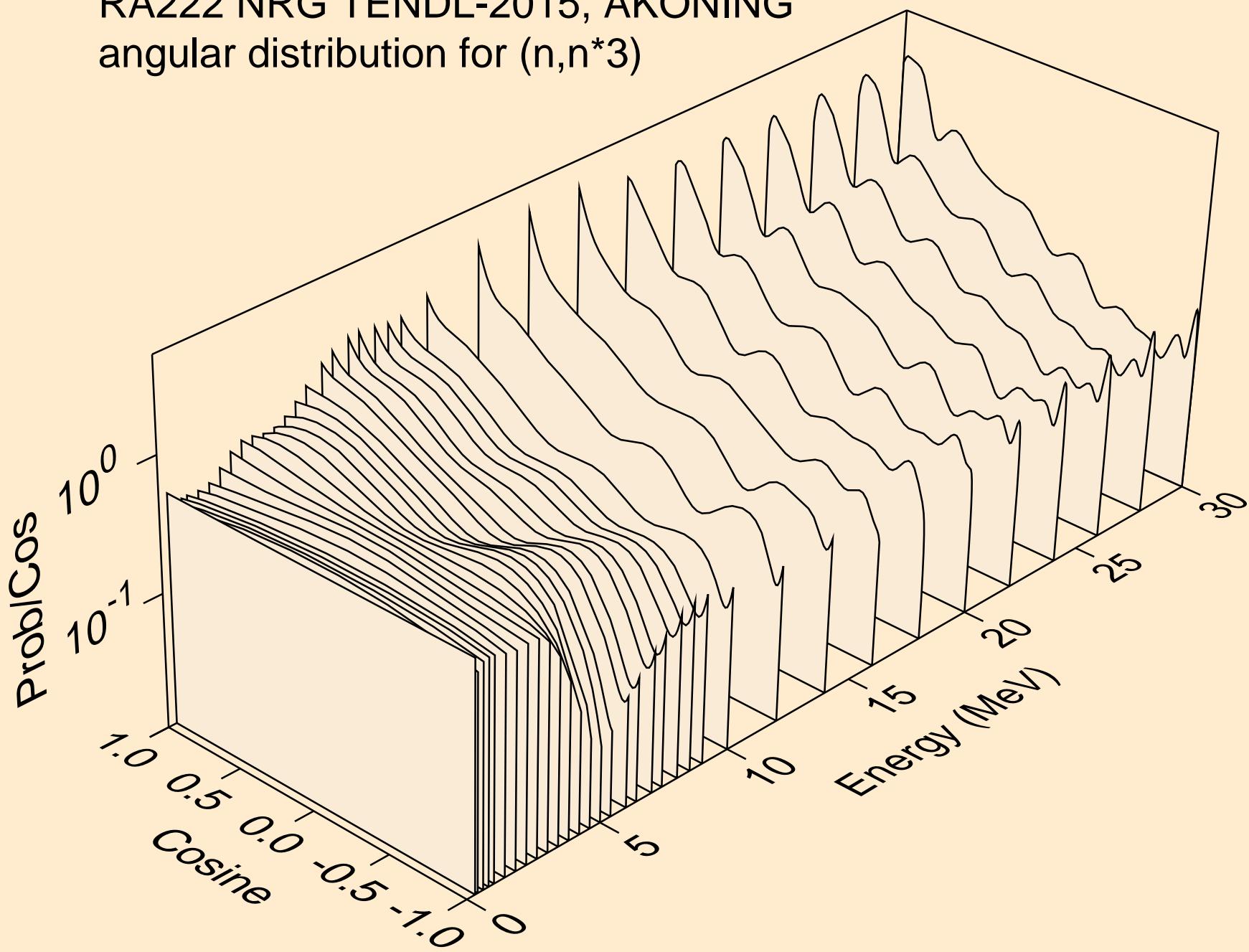
RA222 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)$



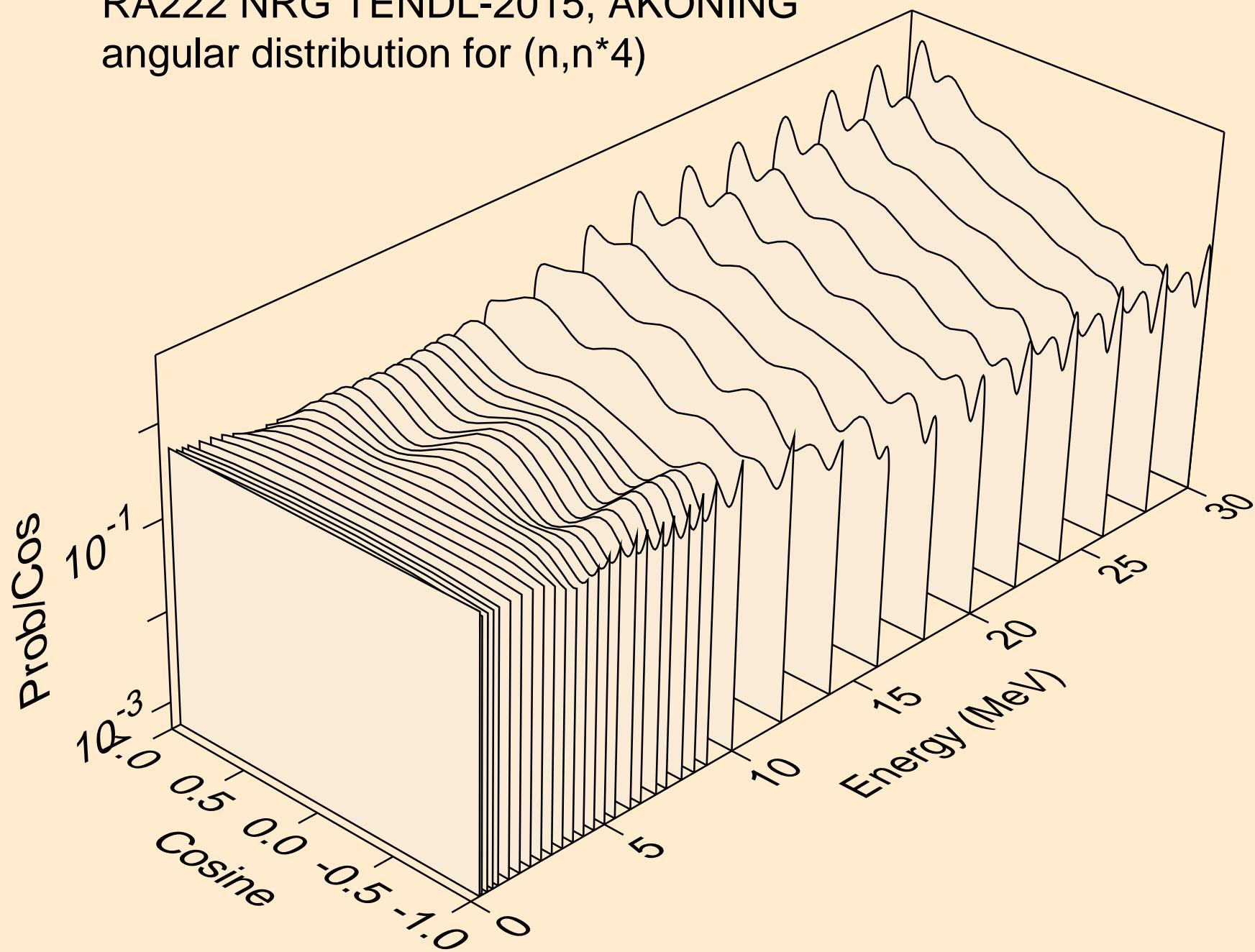
RA222 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^2$



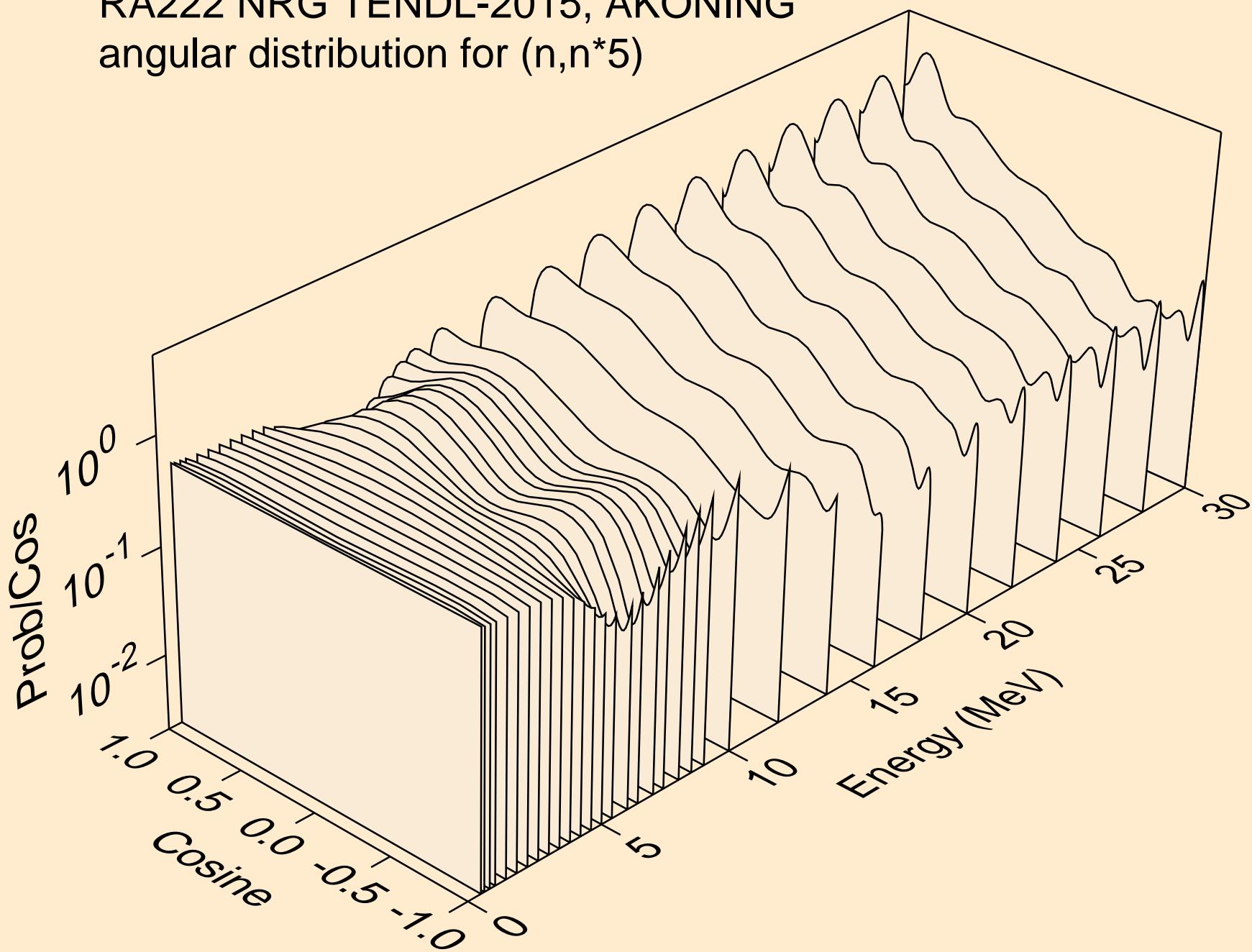
RA222 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



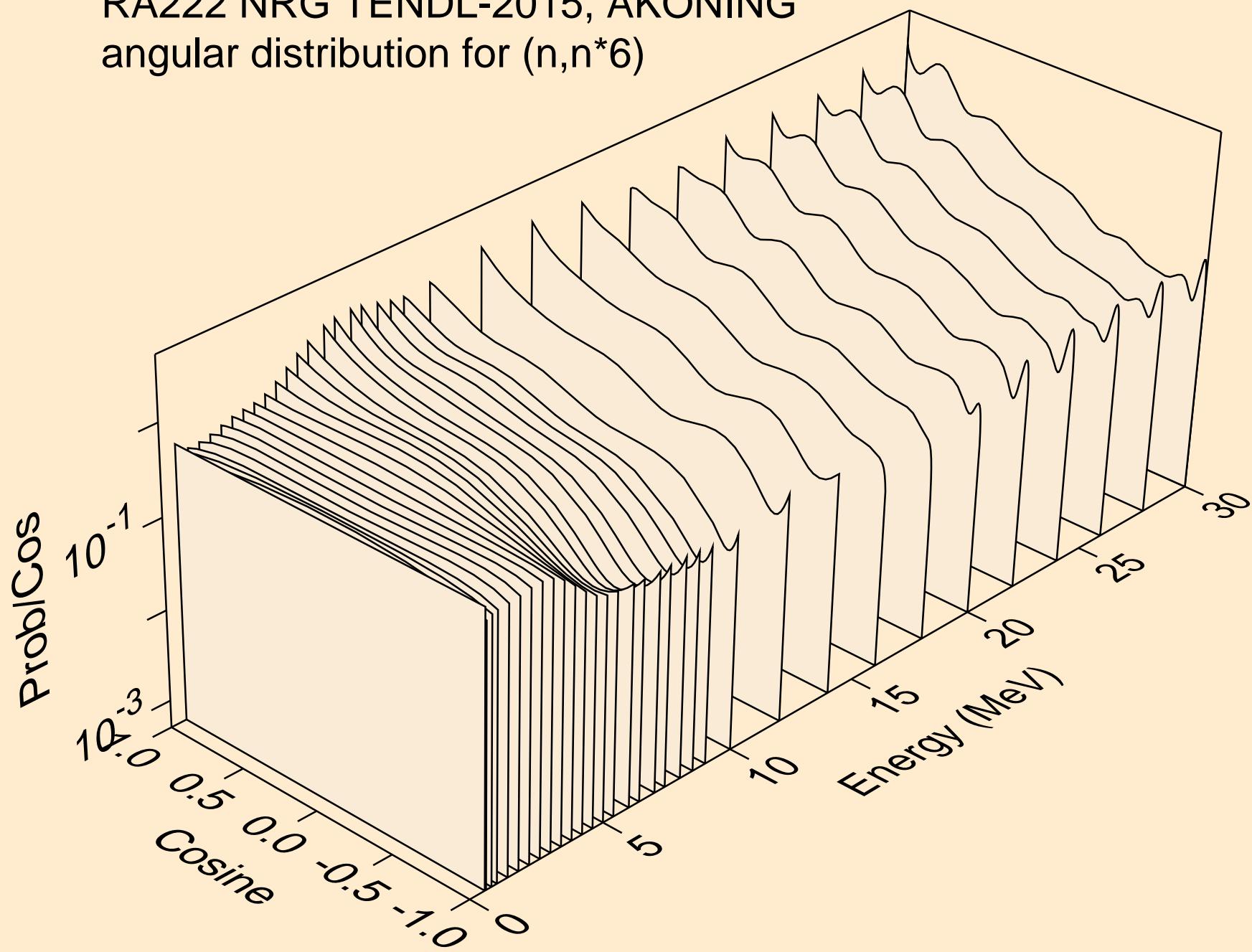
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angular distribution for  $(n,n^*4)$



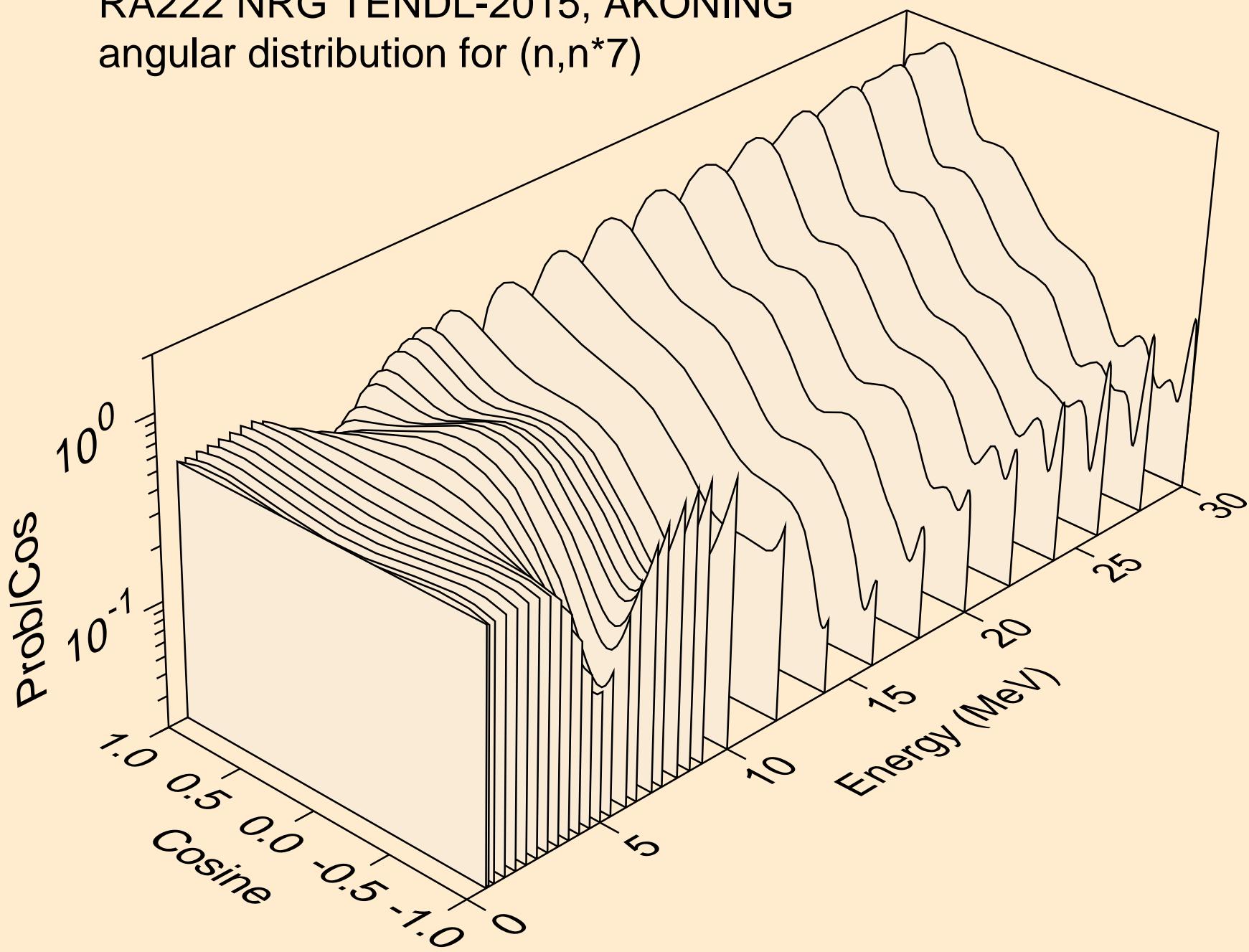
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angular distribution for  $(n,n^*)^5$



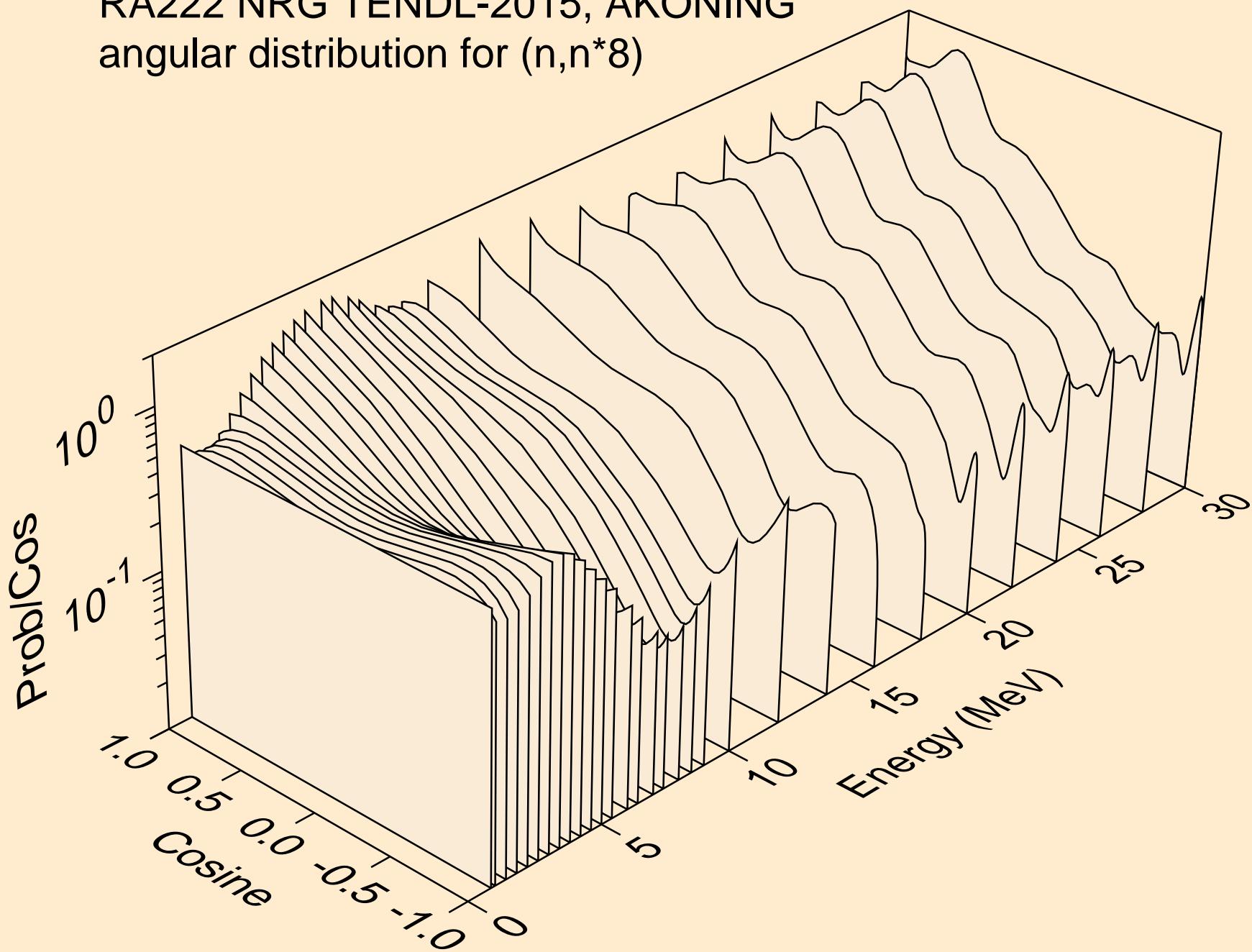
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angular distribution for  $(n,n^*6)$



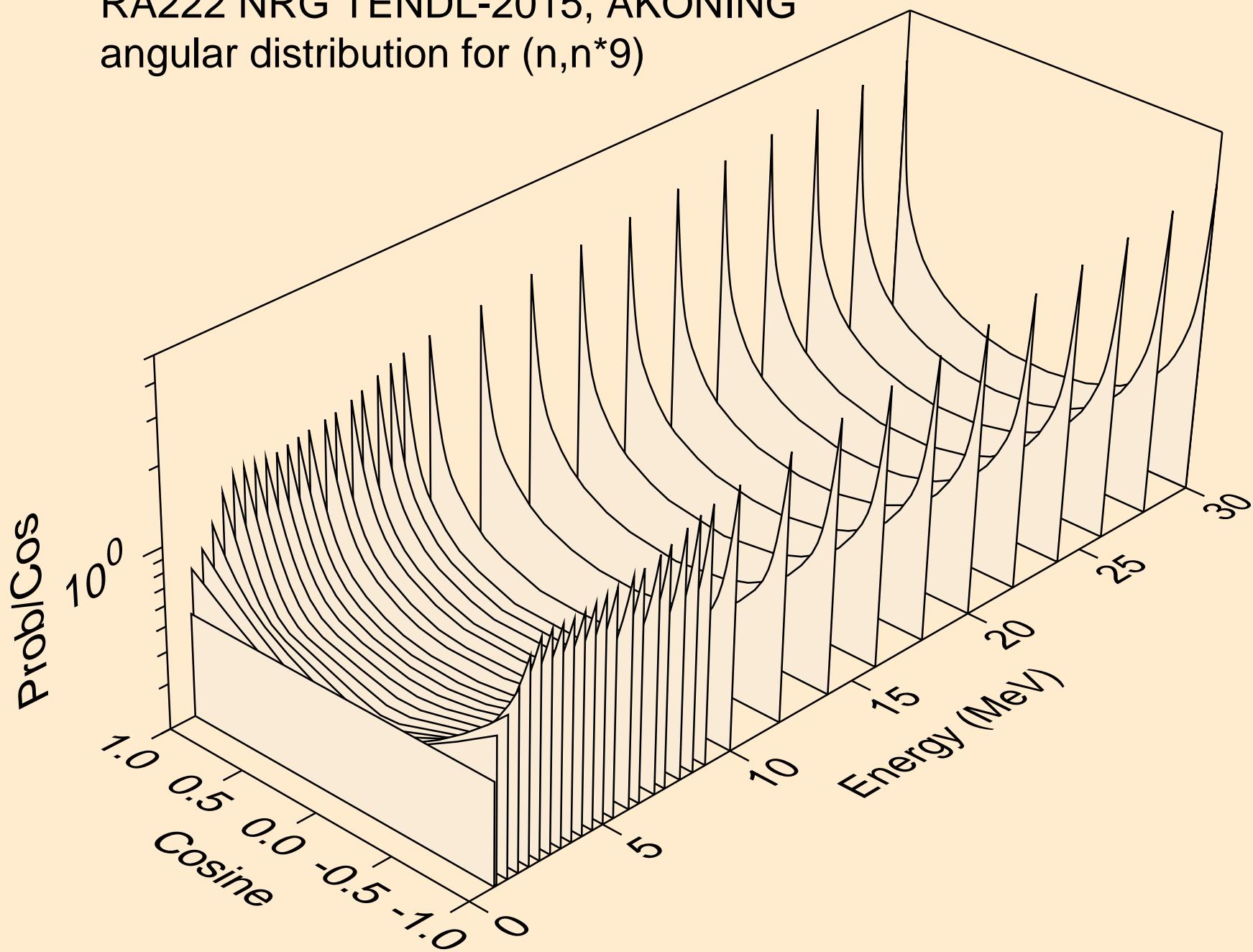
RA222 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



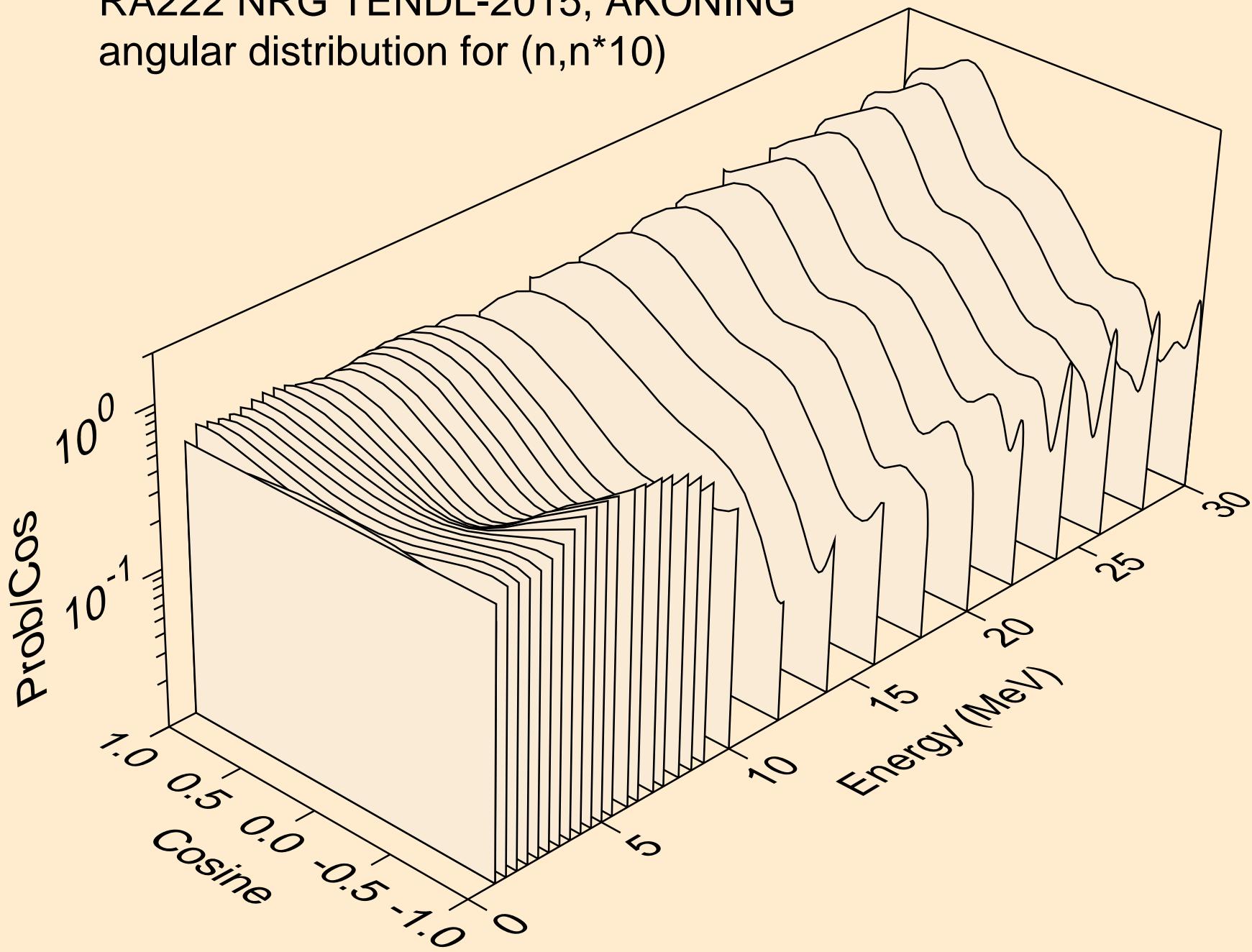
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angular distribution for  $(n,n^*)^8$



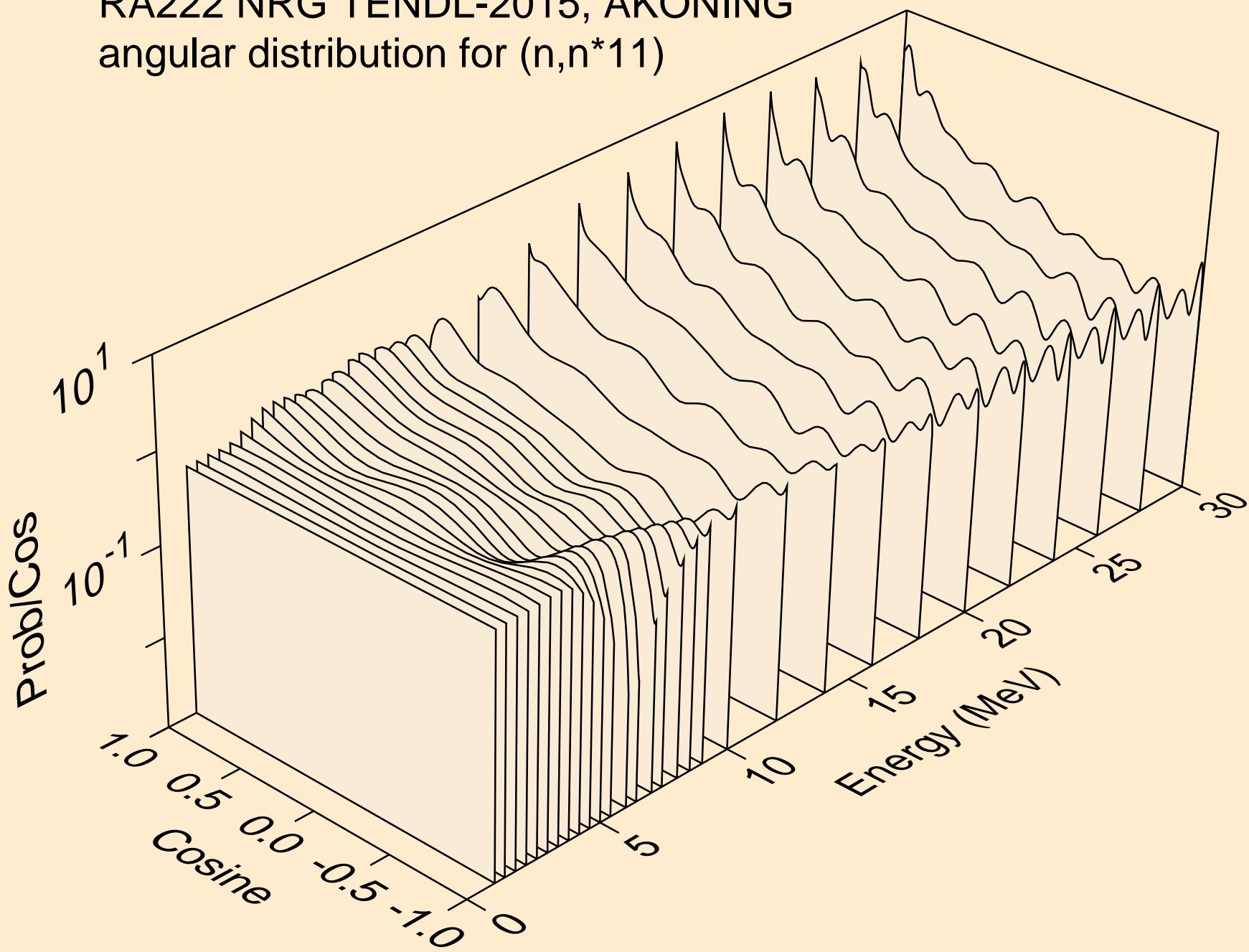
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angular distribution for  $(n,n^*)9$



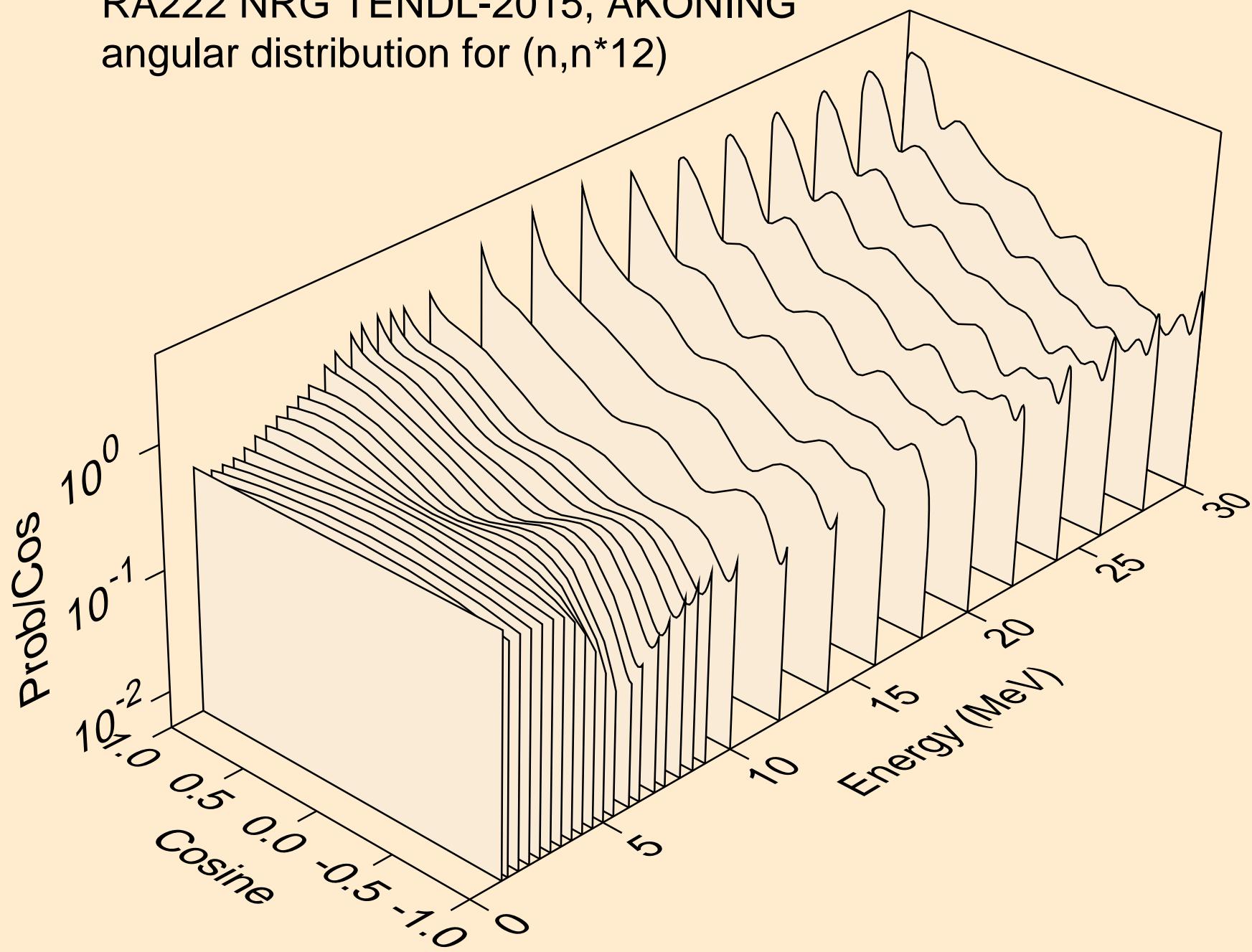
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angular distribution for  $(n,n^*10)$



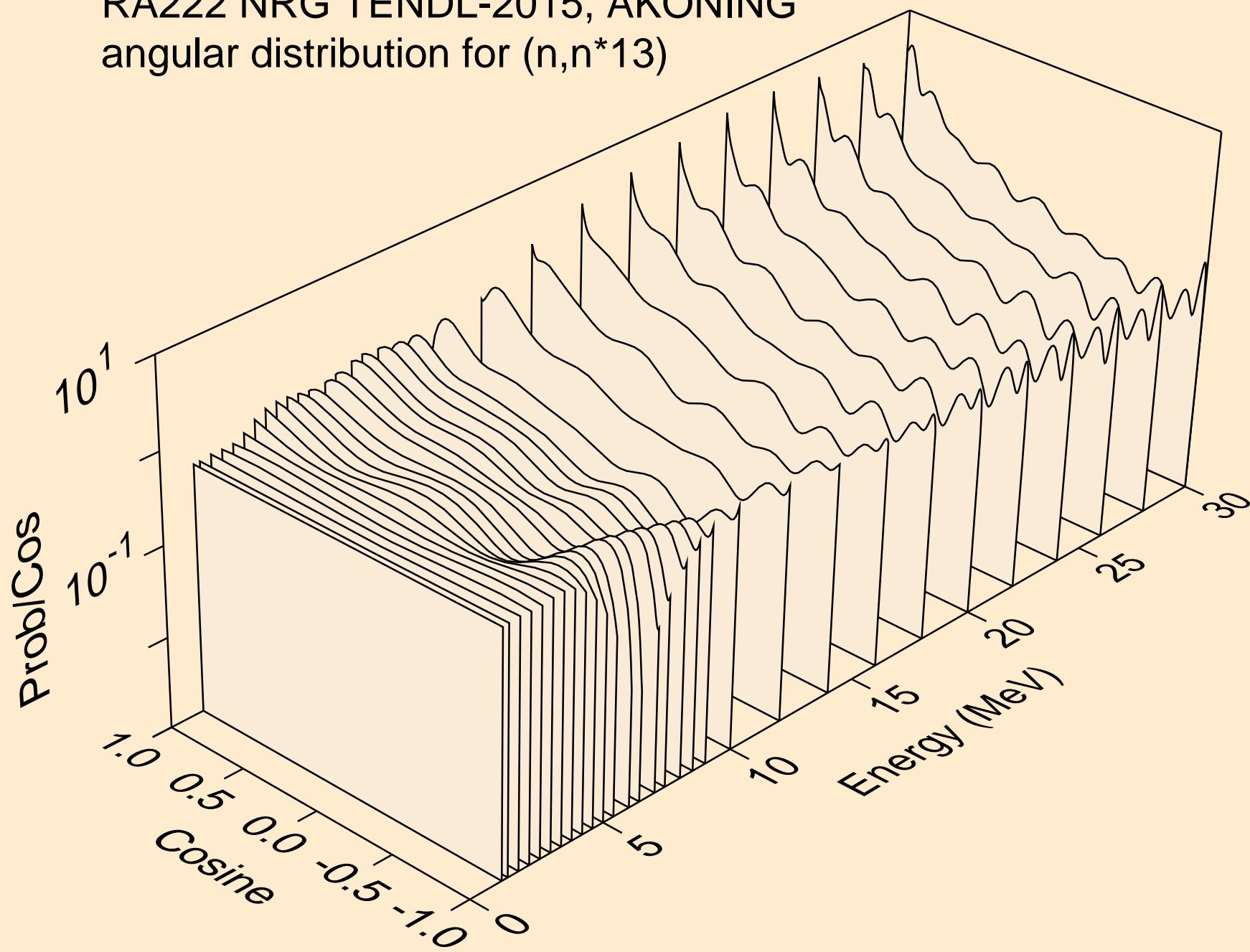
RA222 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



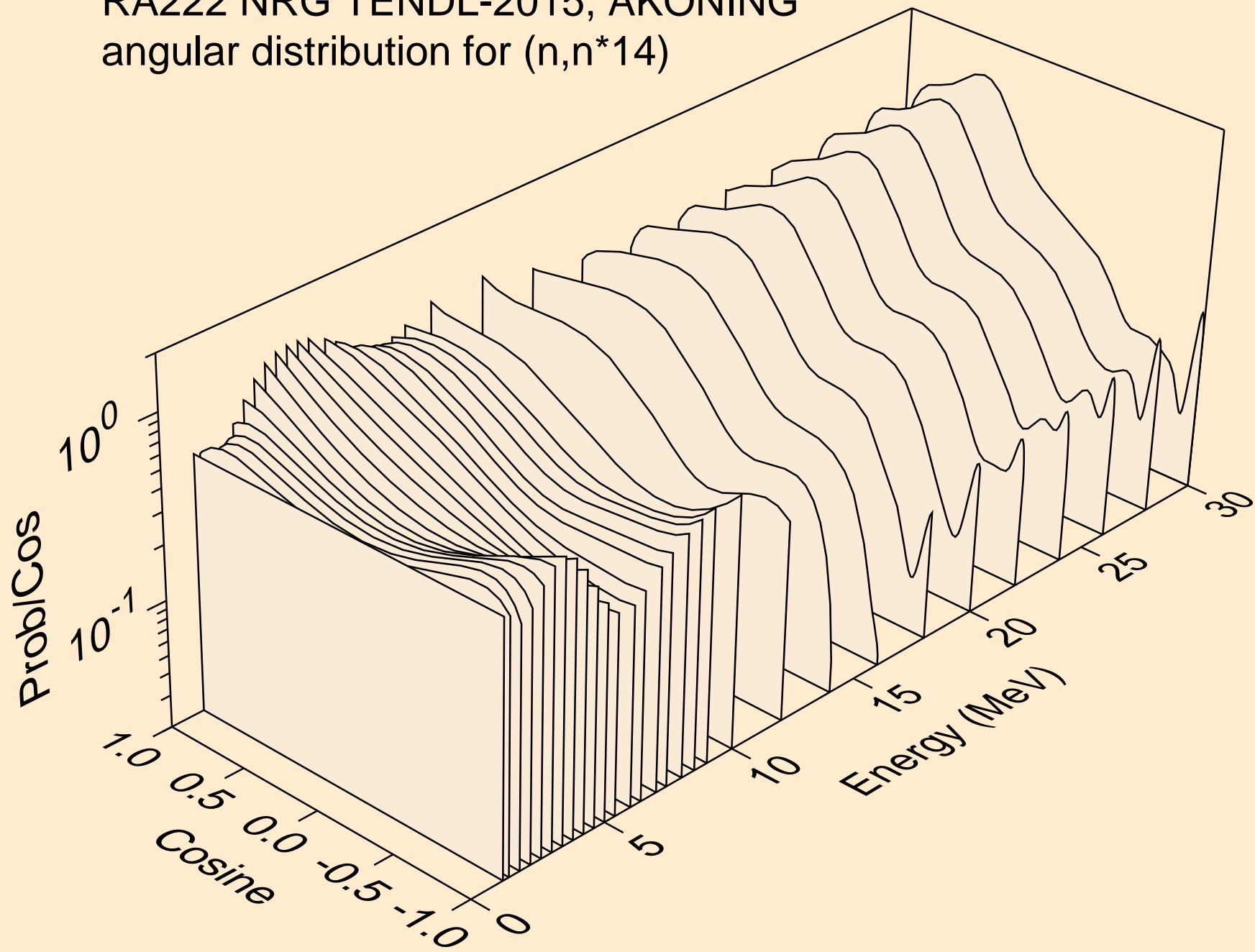
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angular distribution for  $(n,n^*12)$



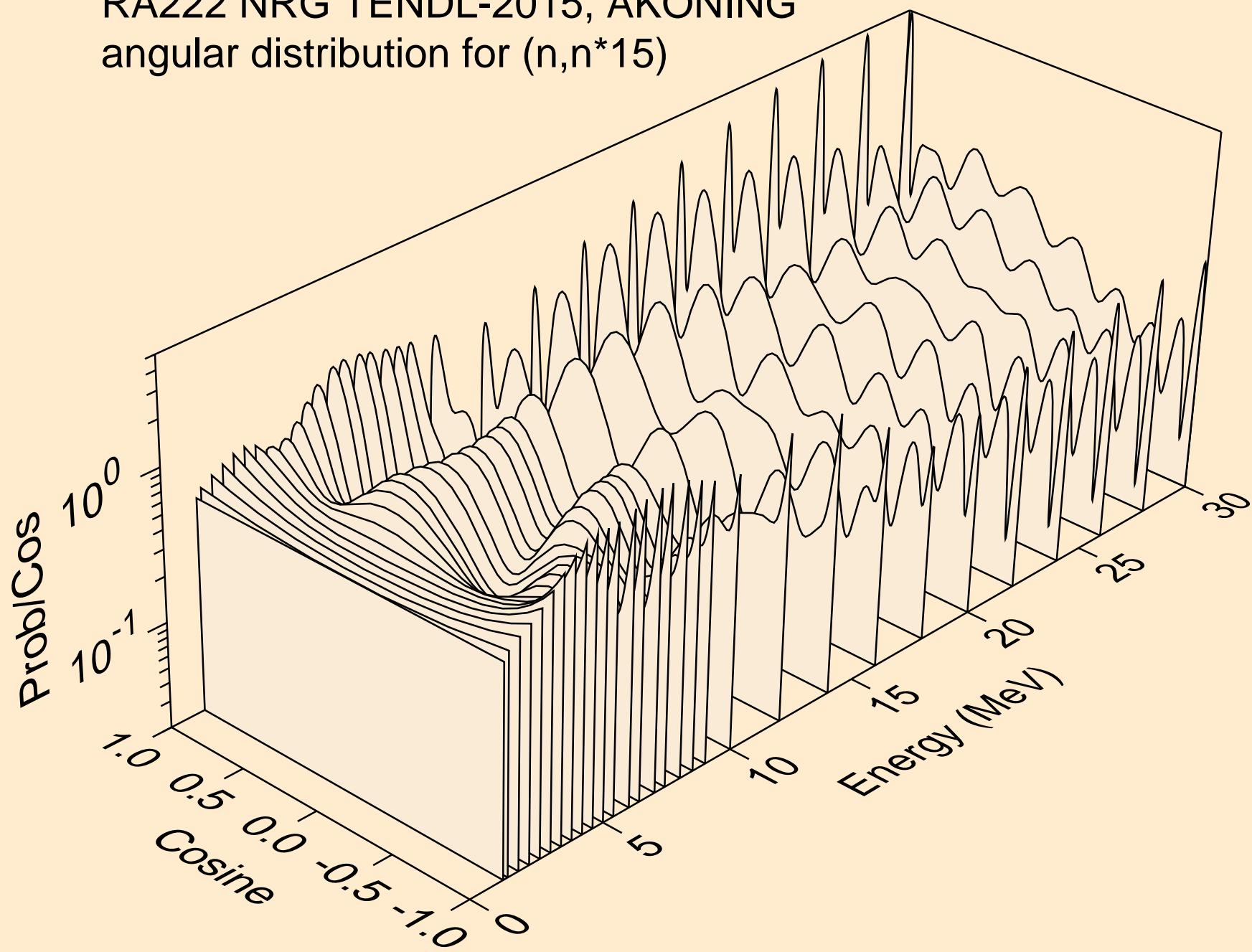
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angular distribution for (n,n\*13)



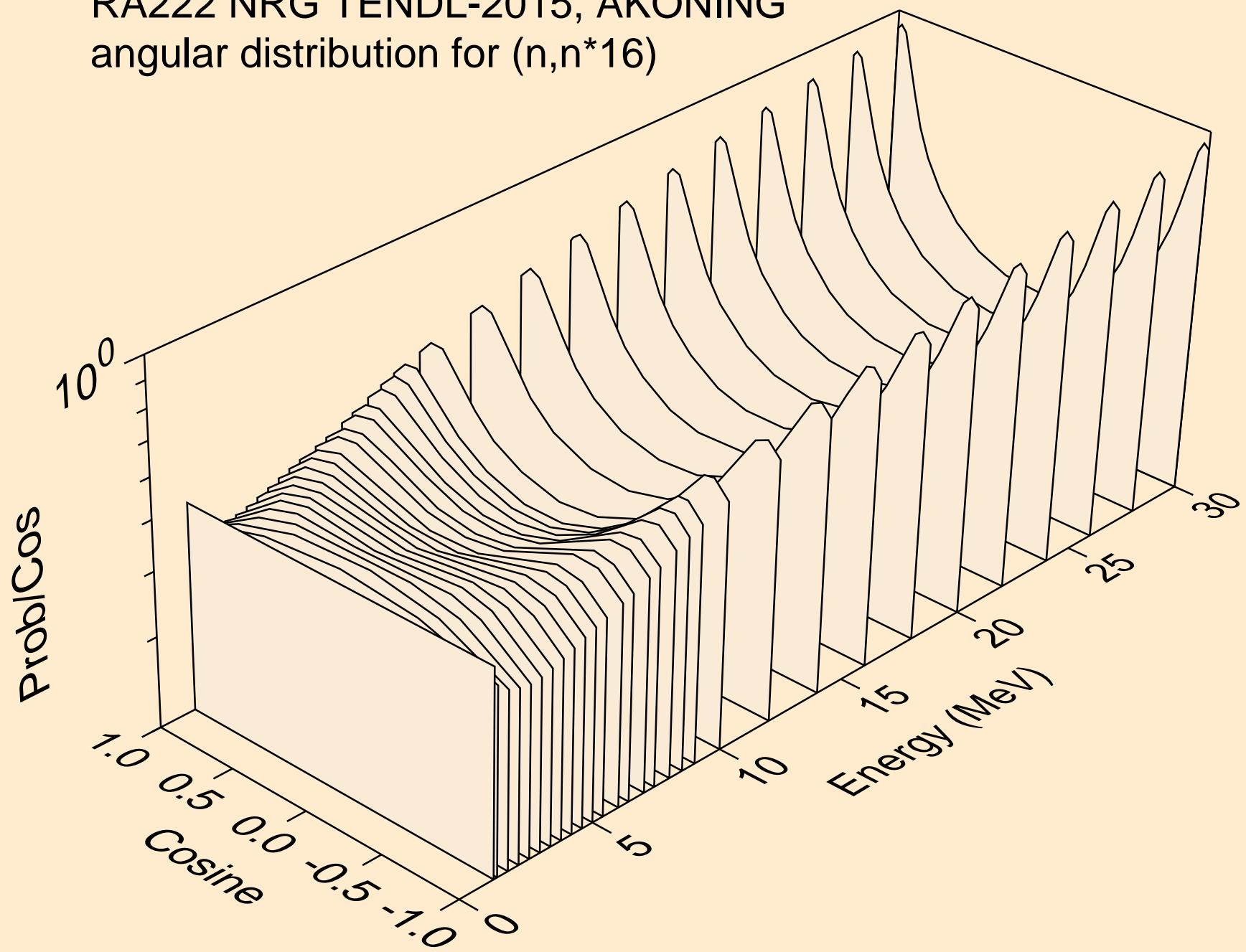
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angular distribution for (n,n\*14)



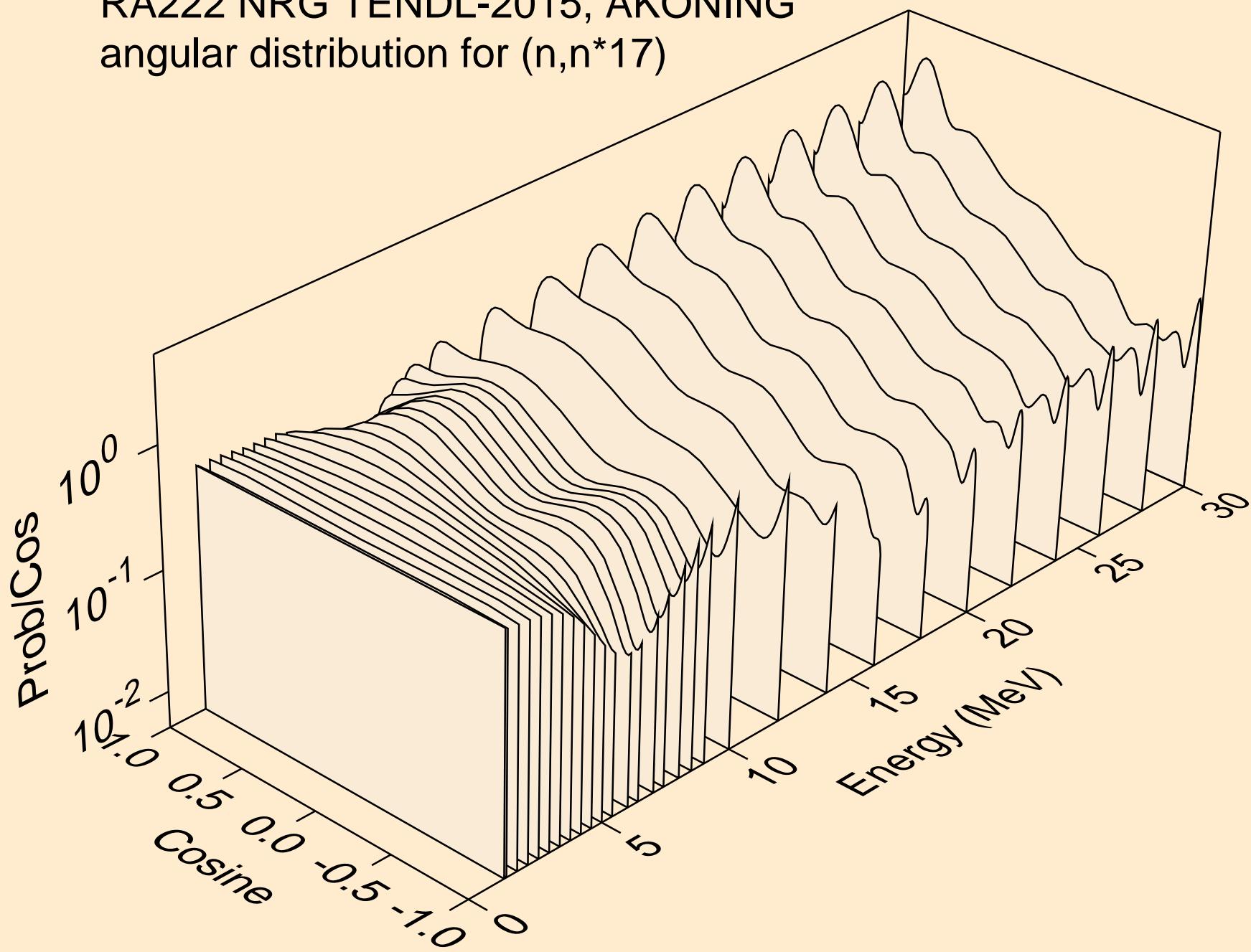
RA222 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*15)$



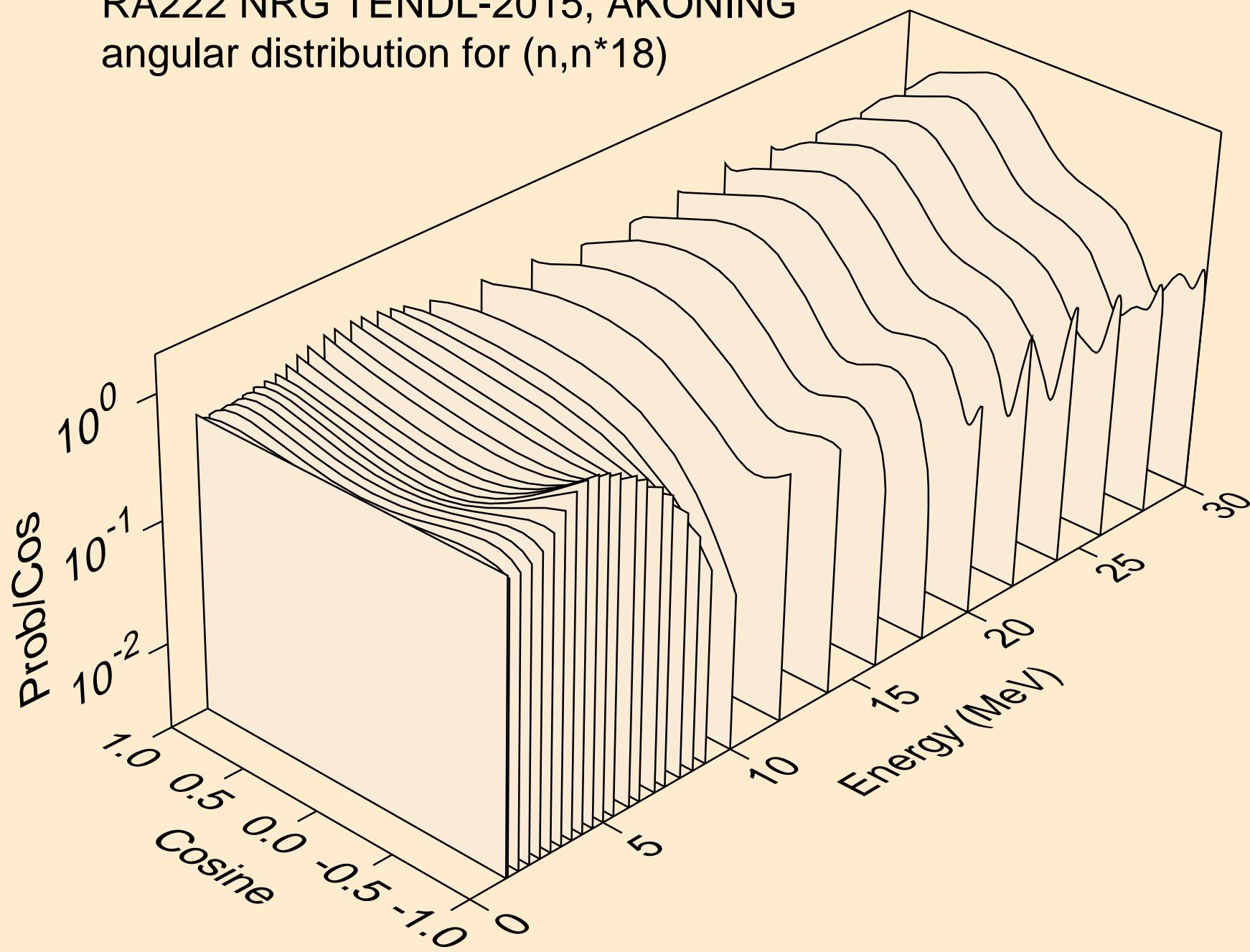
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angular distribution for  $(n,n^*16)$



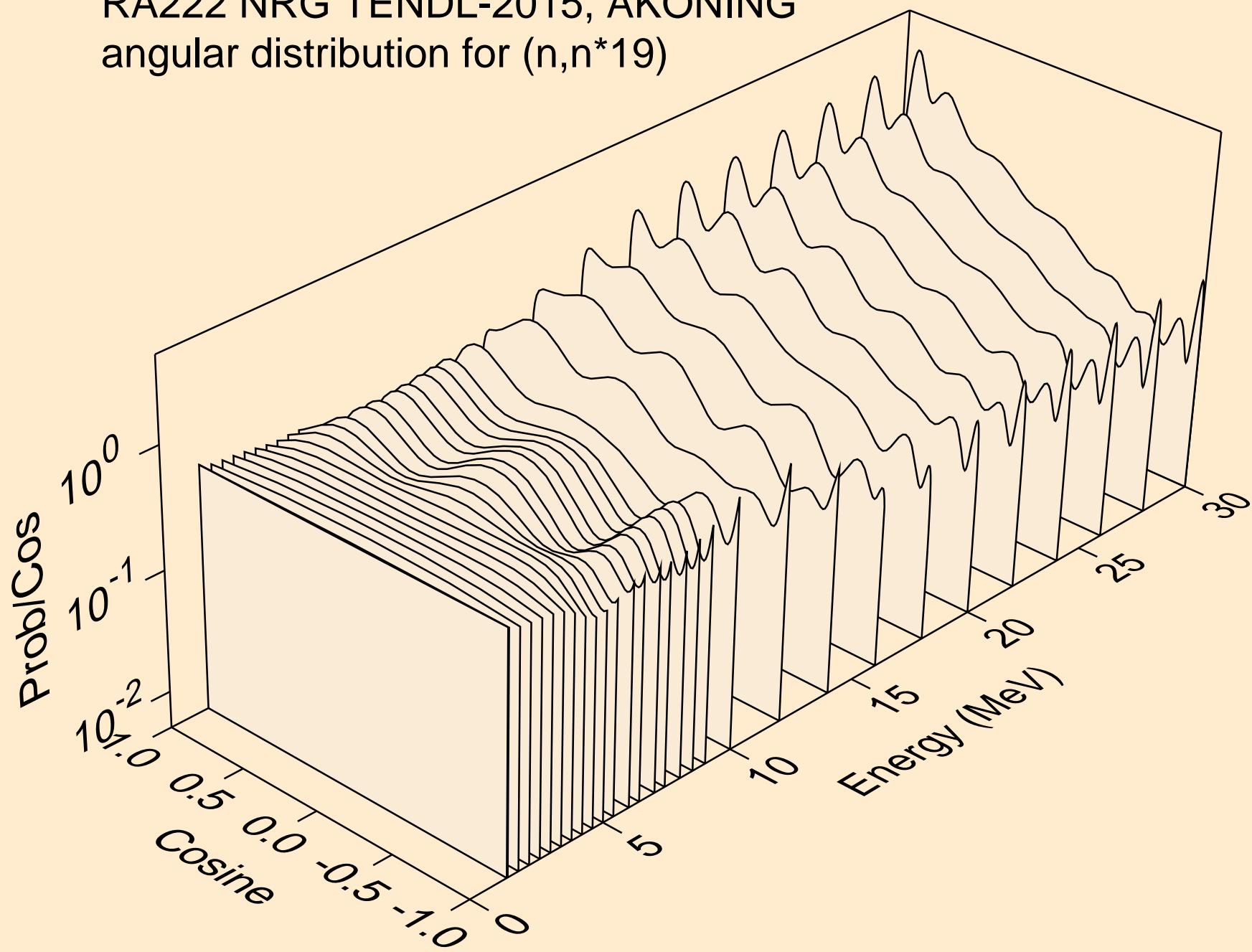
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angular distribution for  $(n,n^*17)$



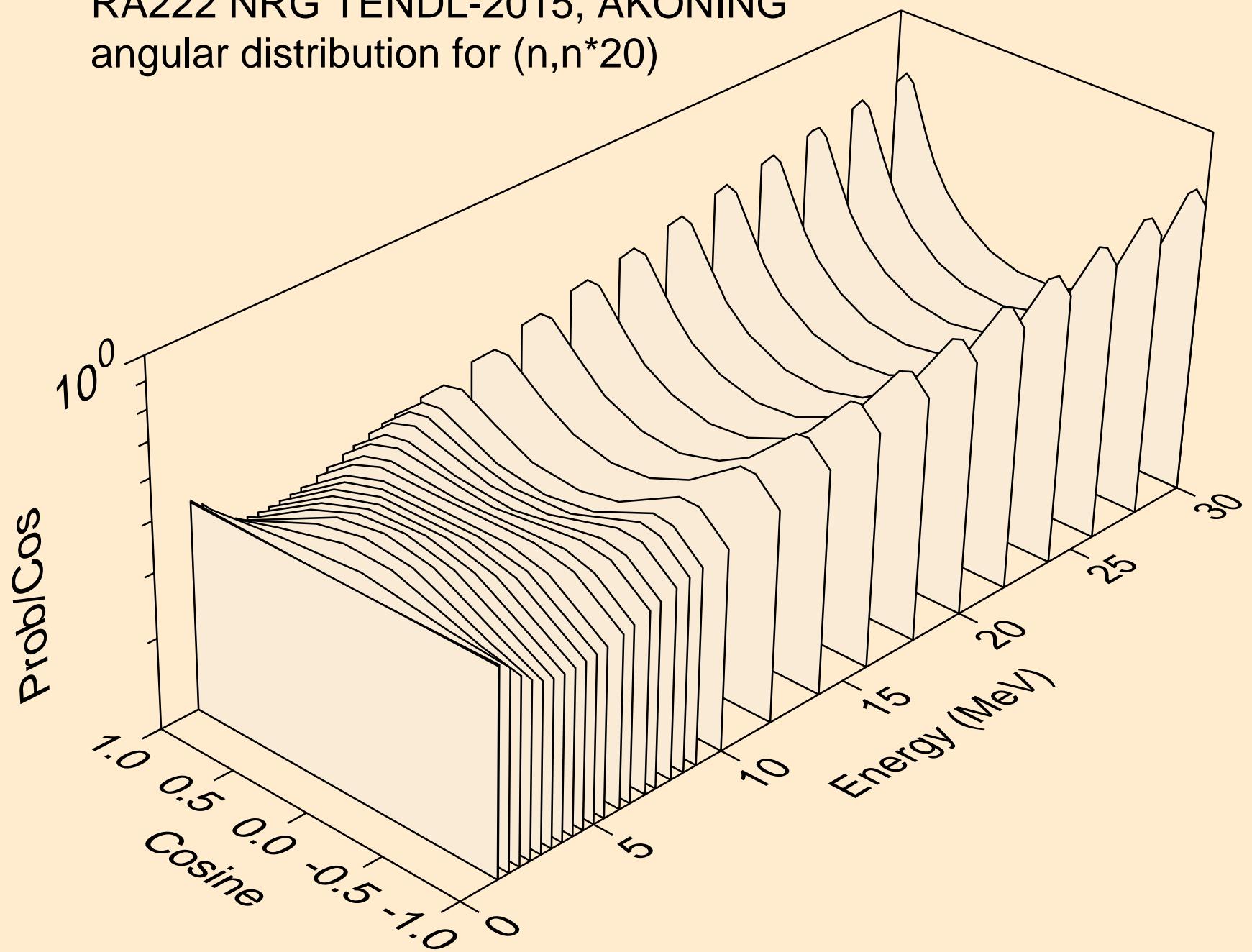
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angular distribution for  $(n,n^*18)$



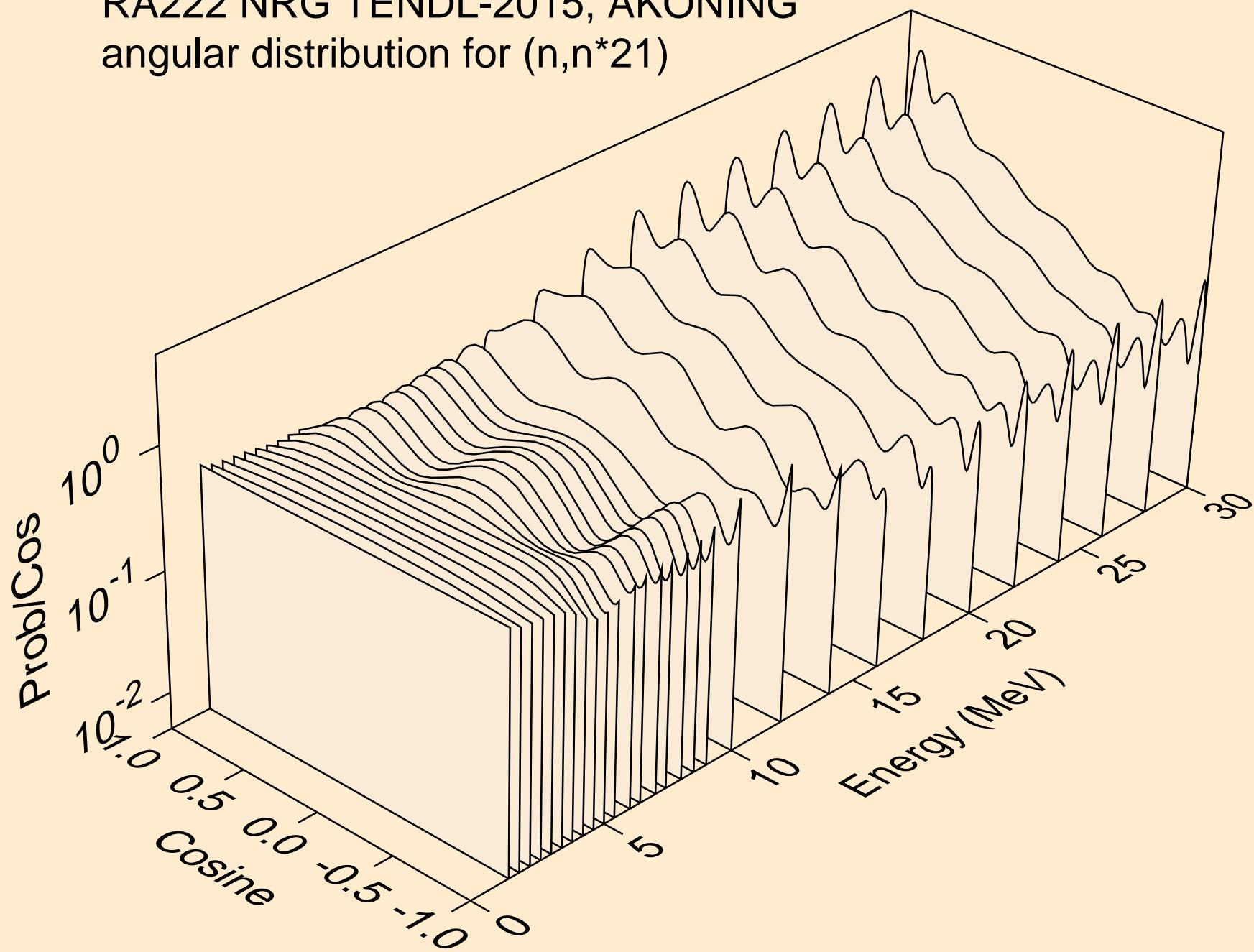
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angular distribution for  $(n,n^*19)$



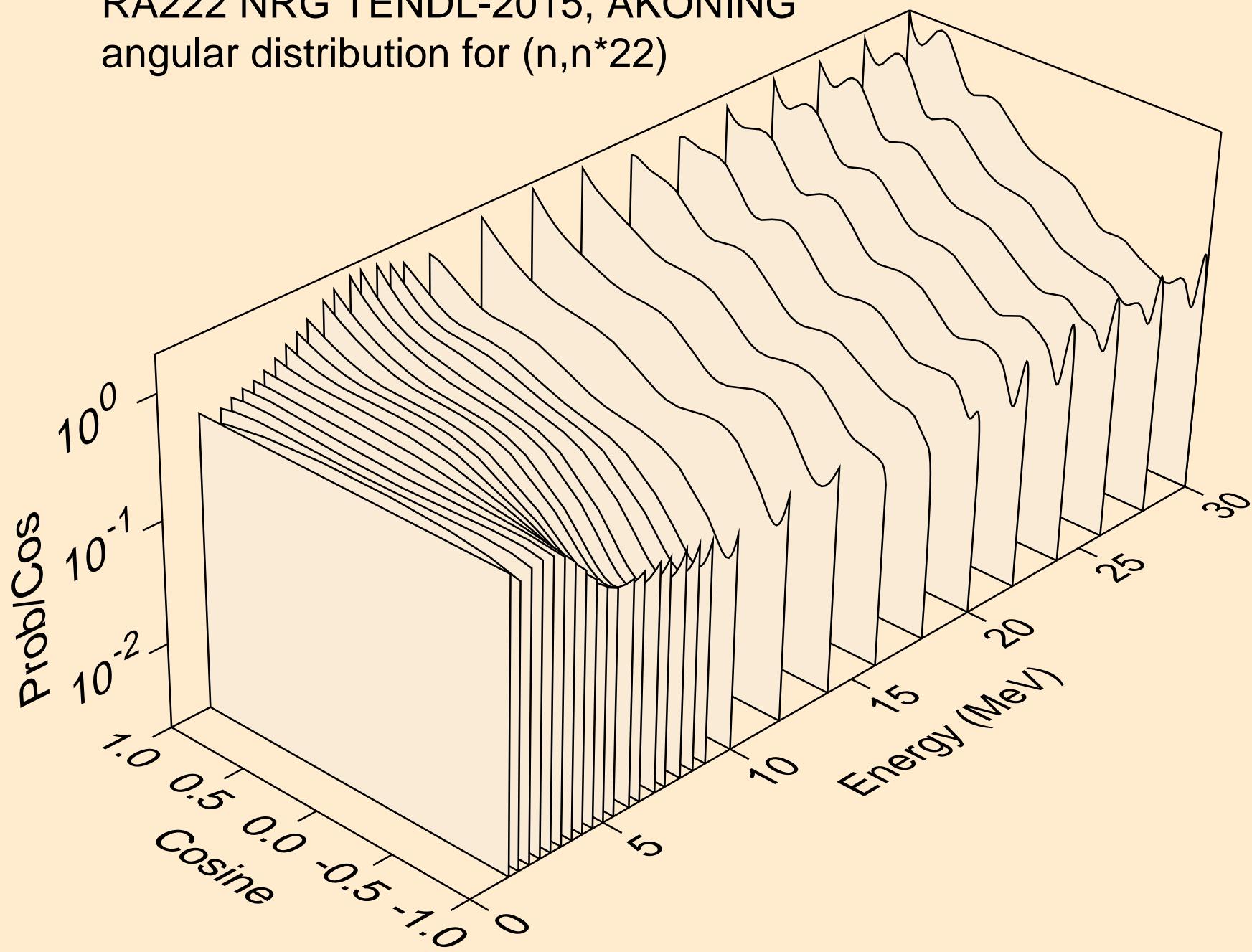
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angular distribution for  $(n,n^*)^{20}$



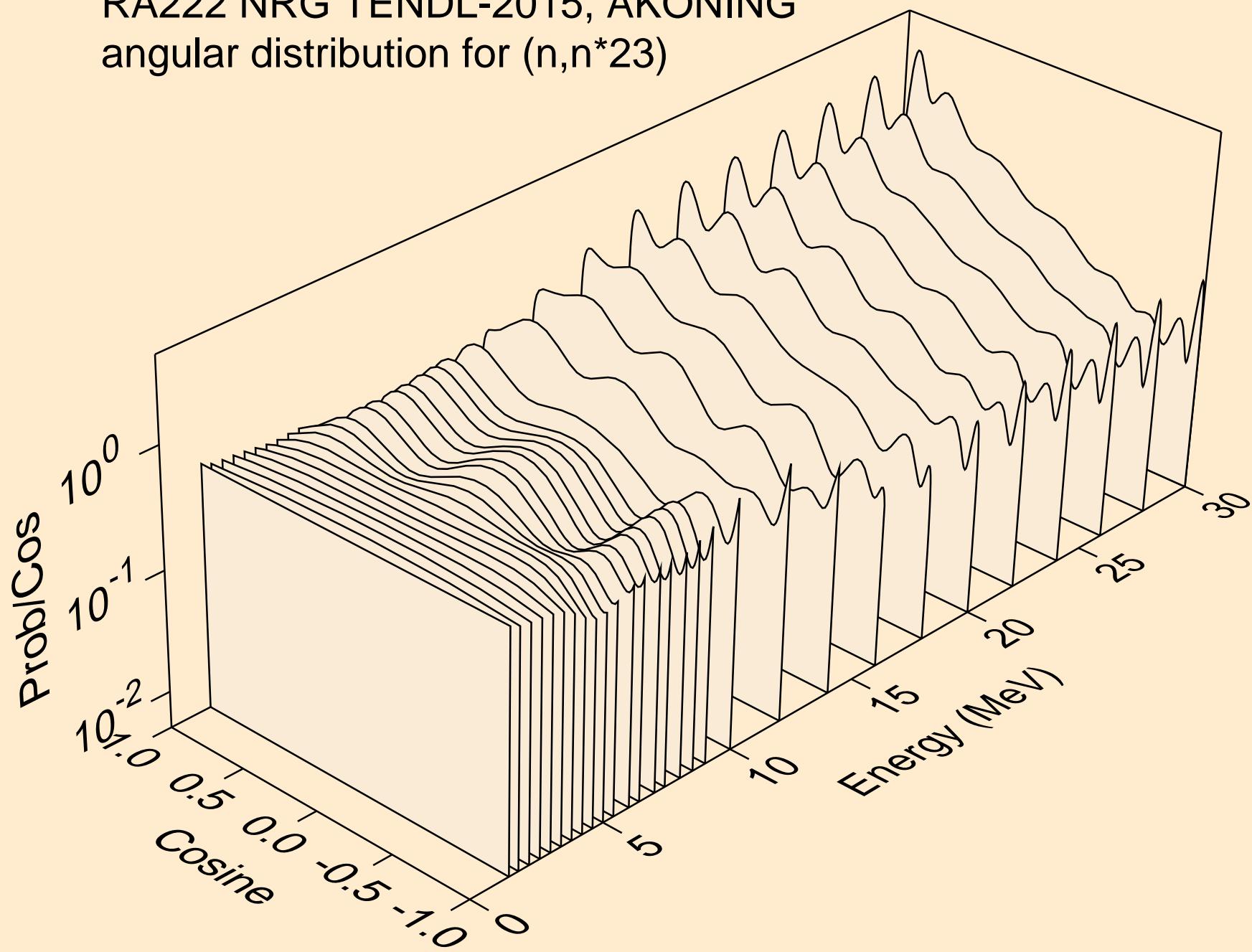
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angular distribution for  $(n,n^*21)$



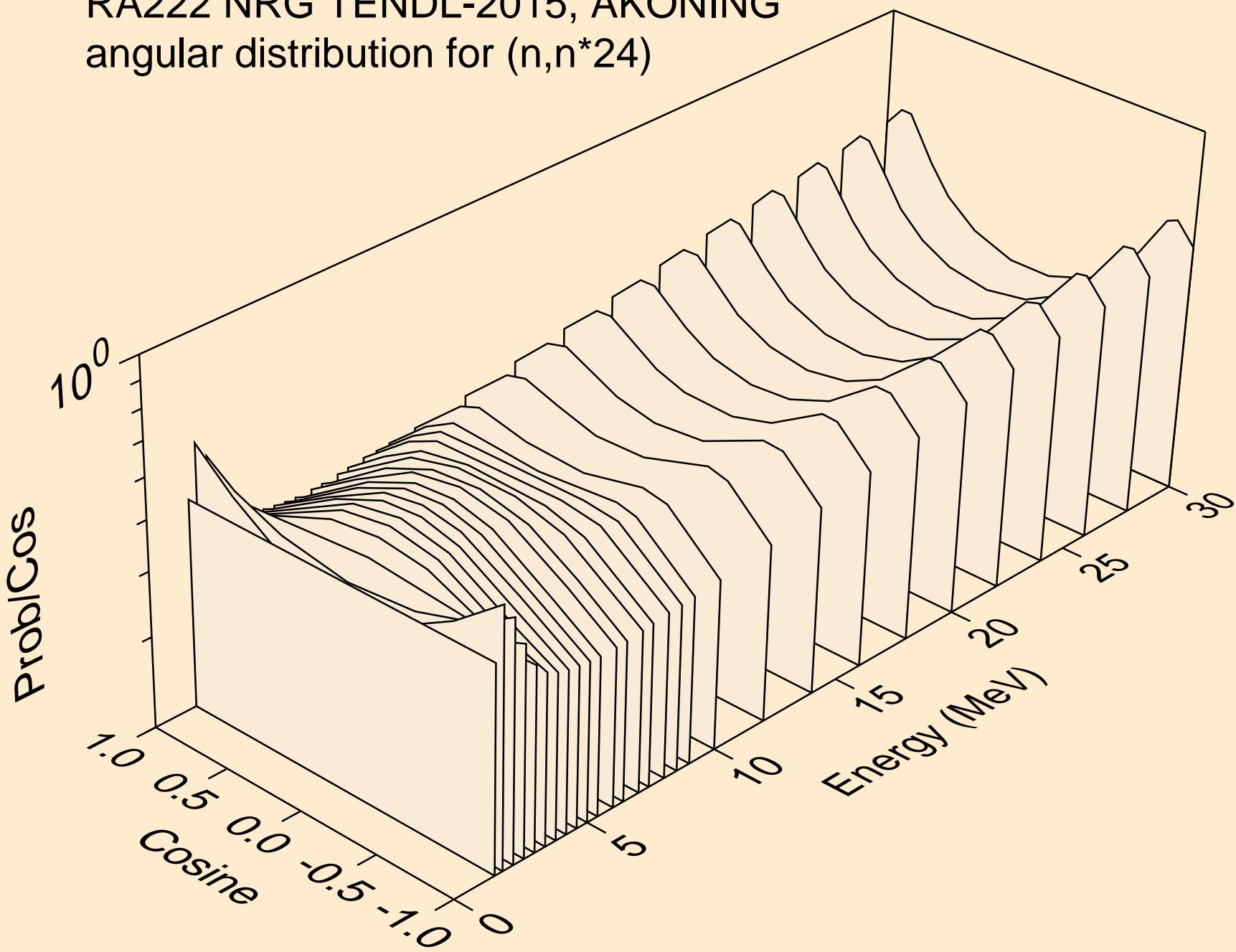
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angular distribution for  $(n,n^*22)$



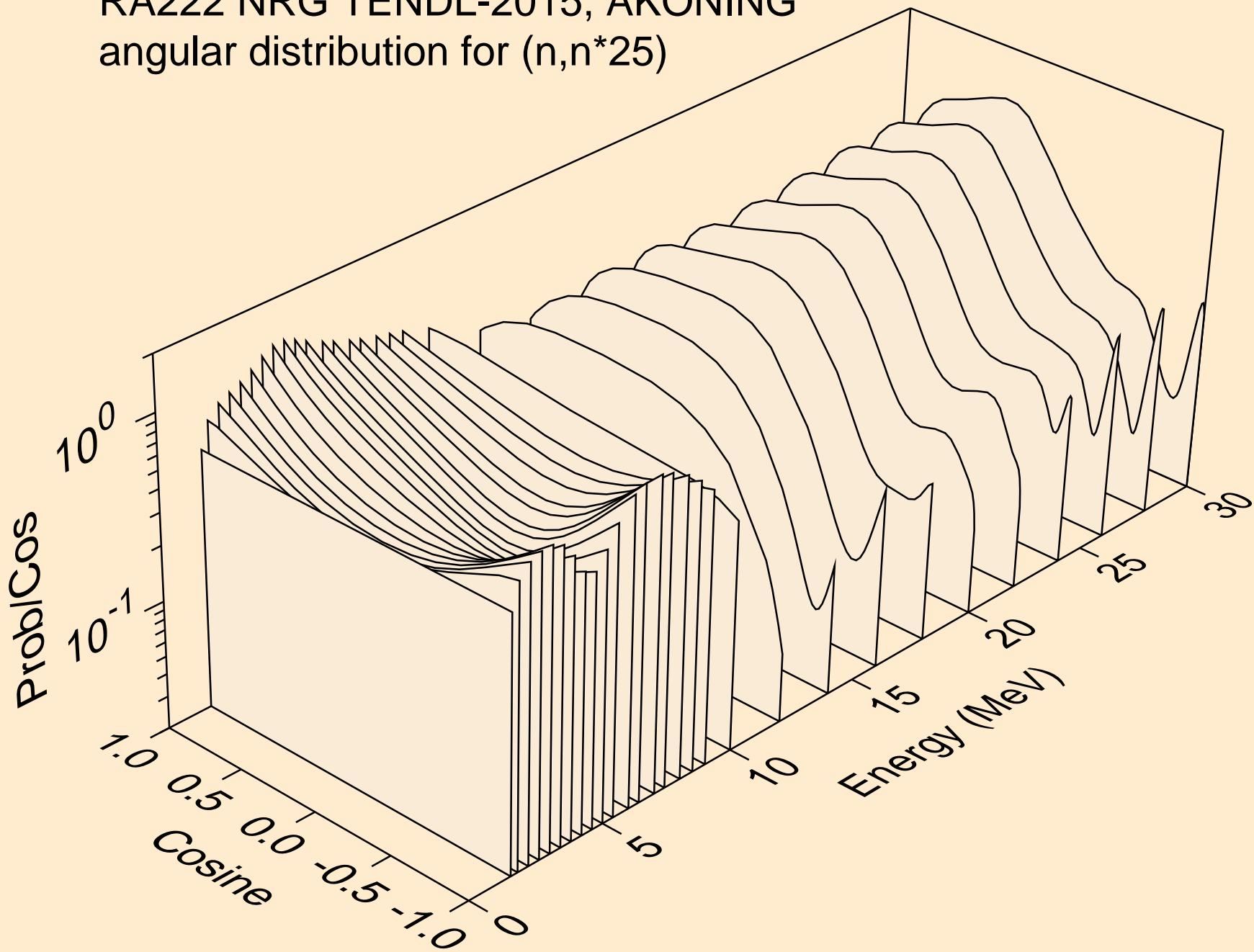
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angular distribution for  $(n,n^*)_{23}$



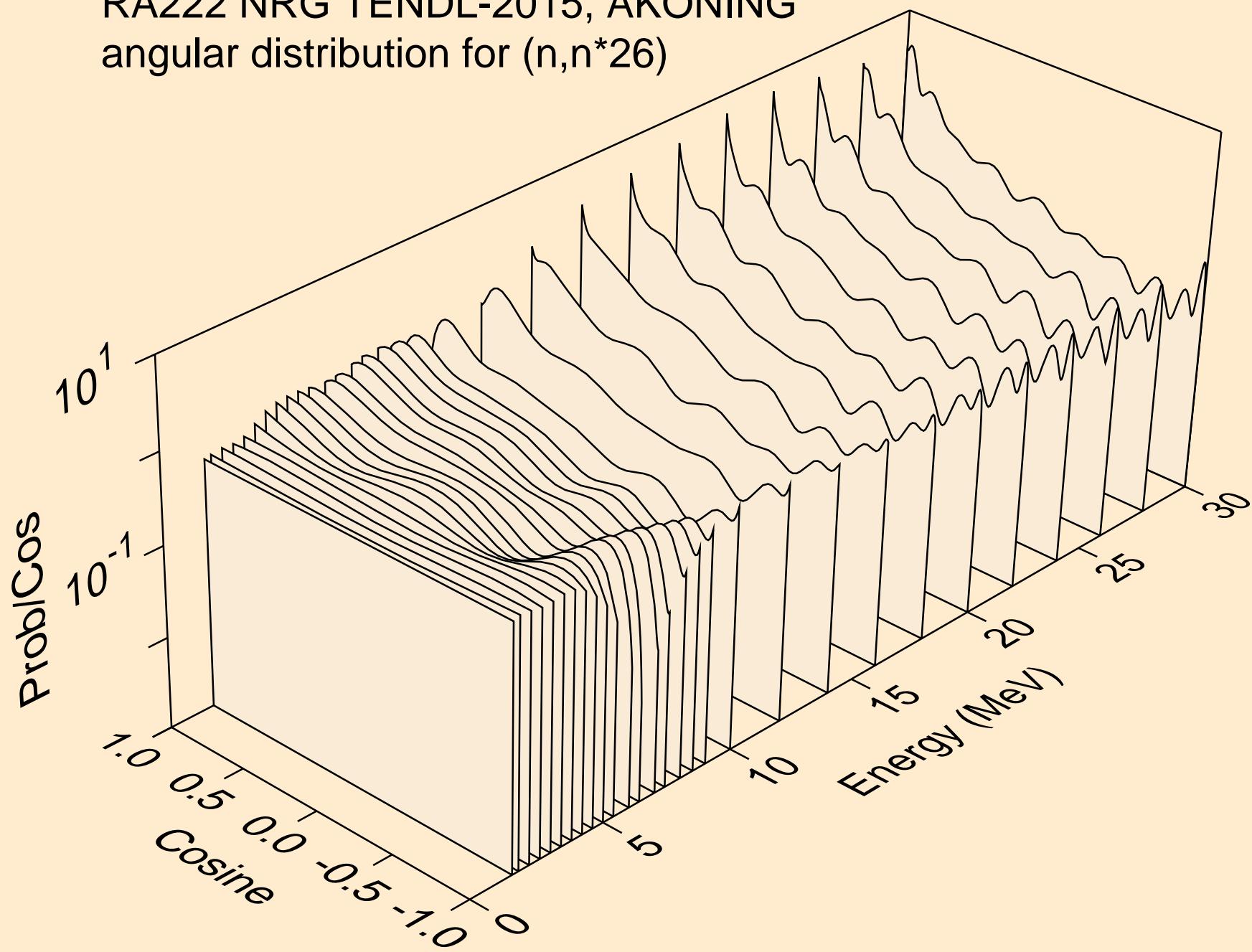
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angular distribution for (n,n\*24)



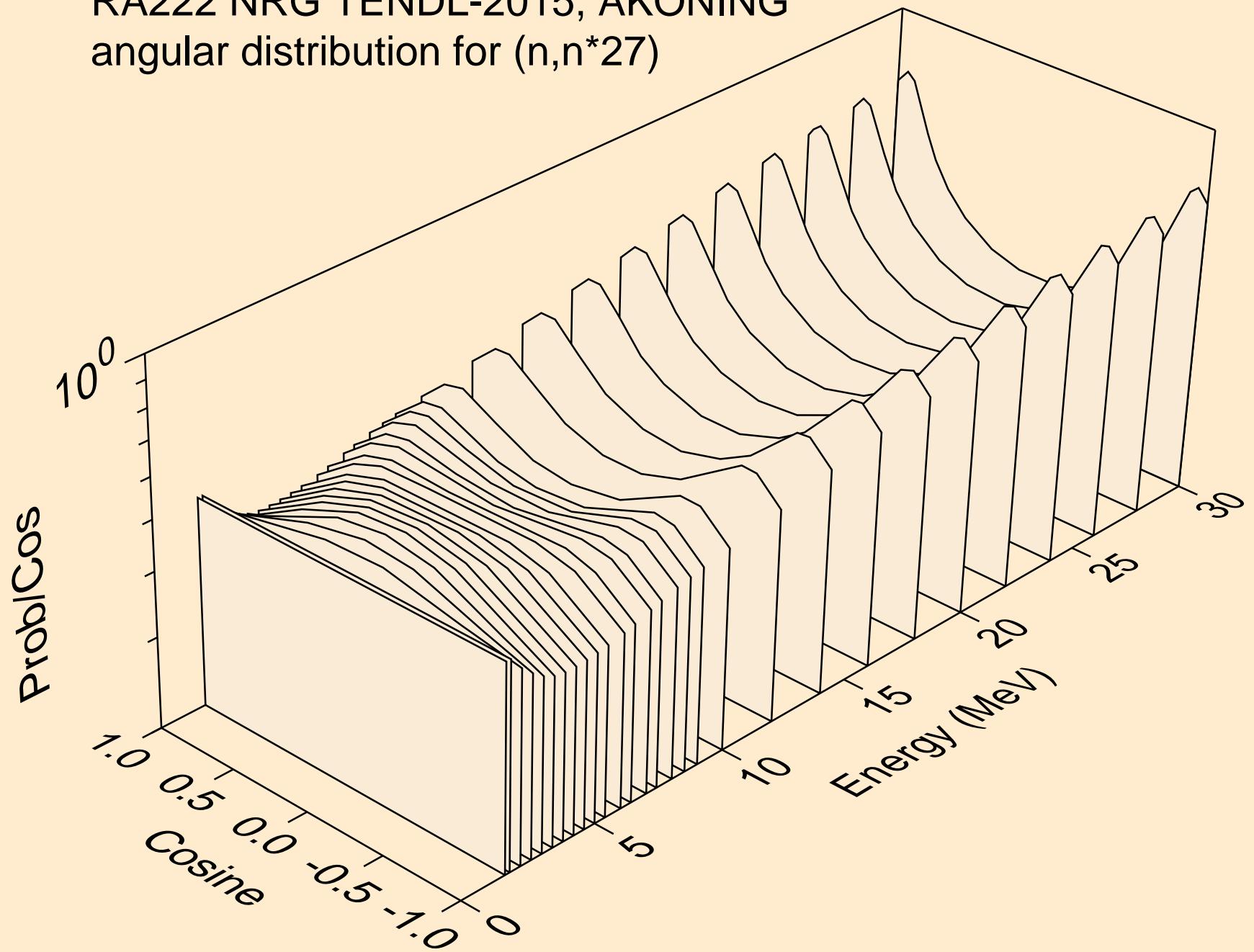
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angular distribution for  $(n,n^*)_{25}$



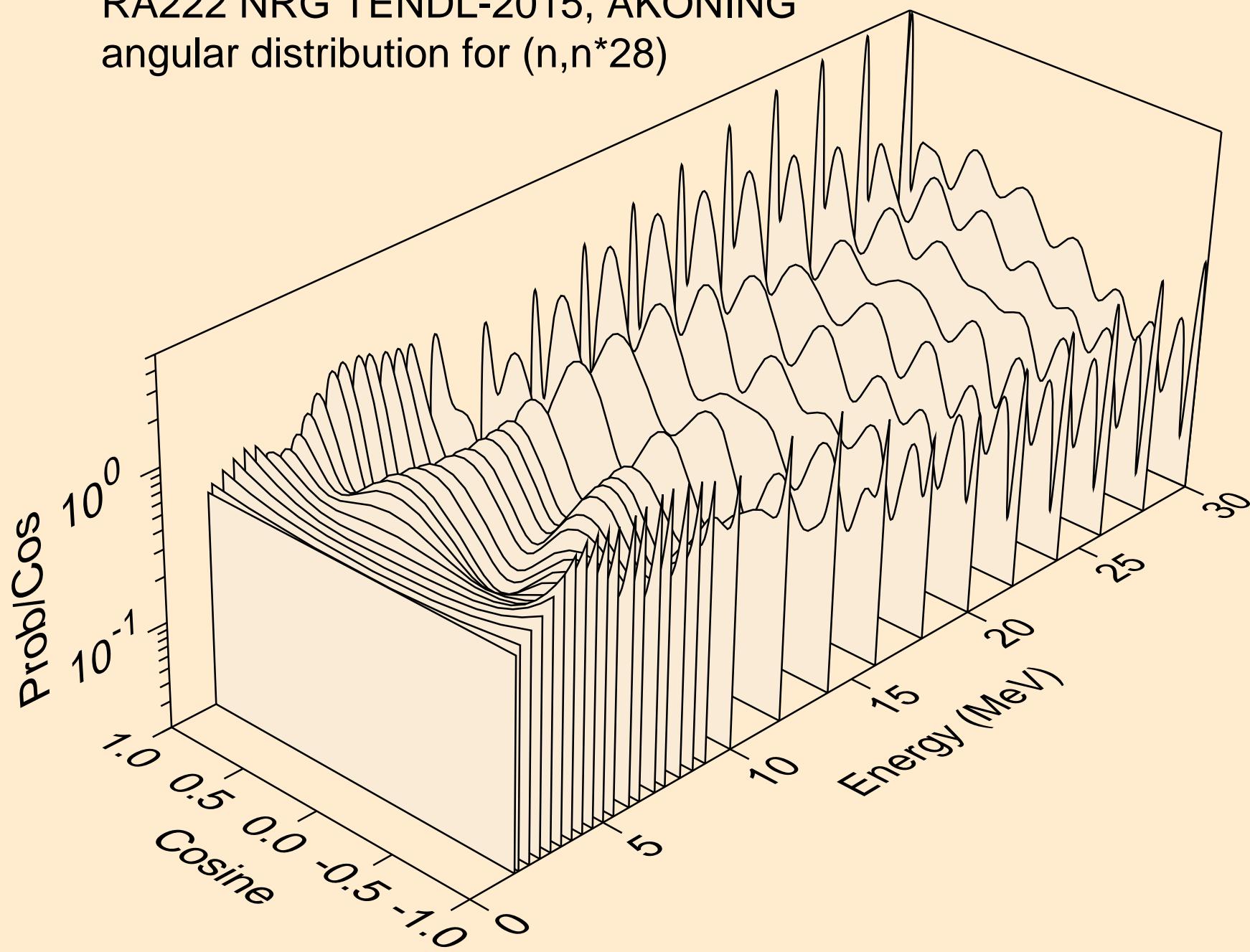
RA222 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{26}$



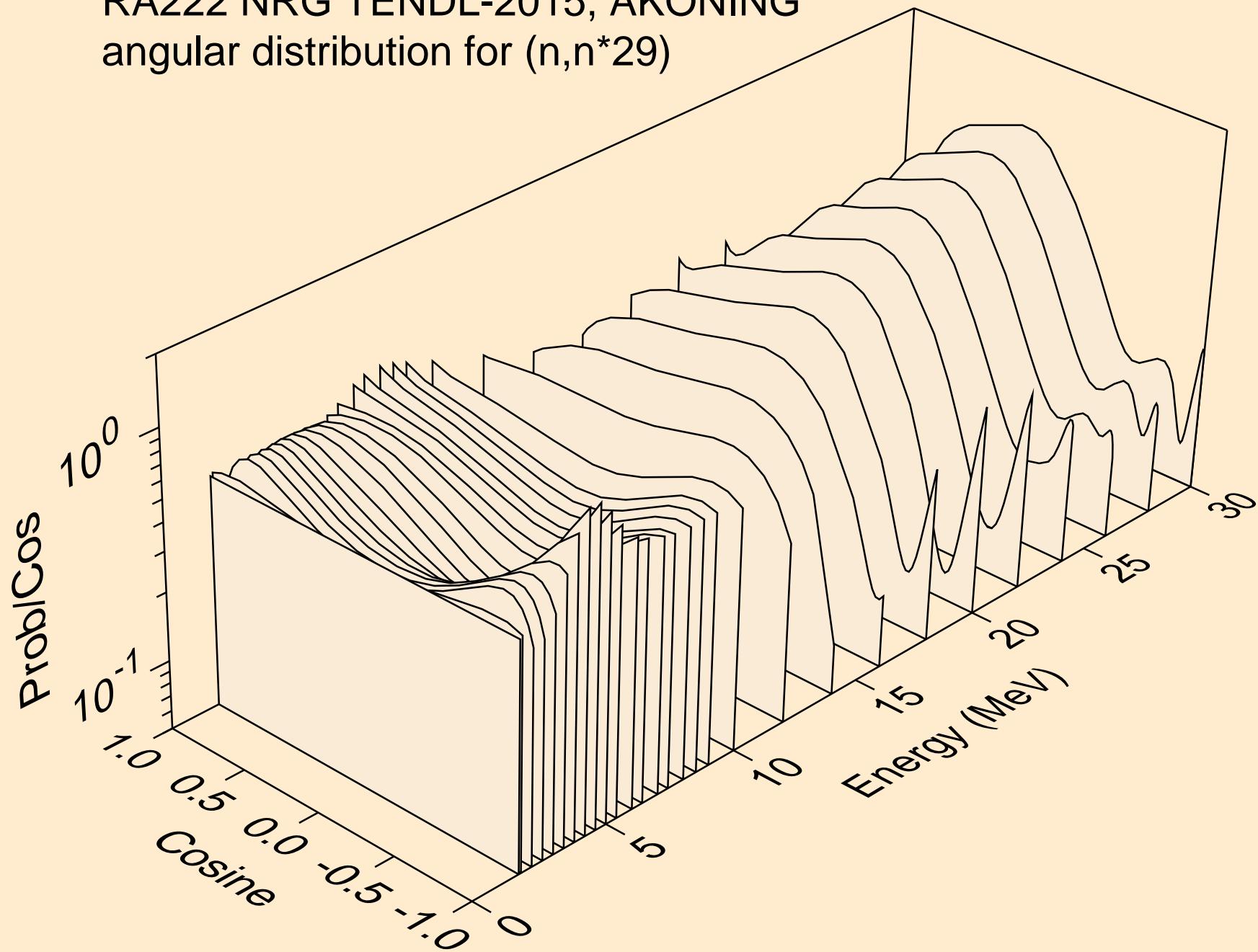
RA222 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*27)$



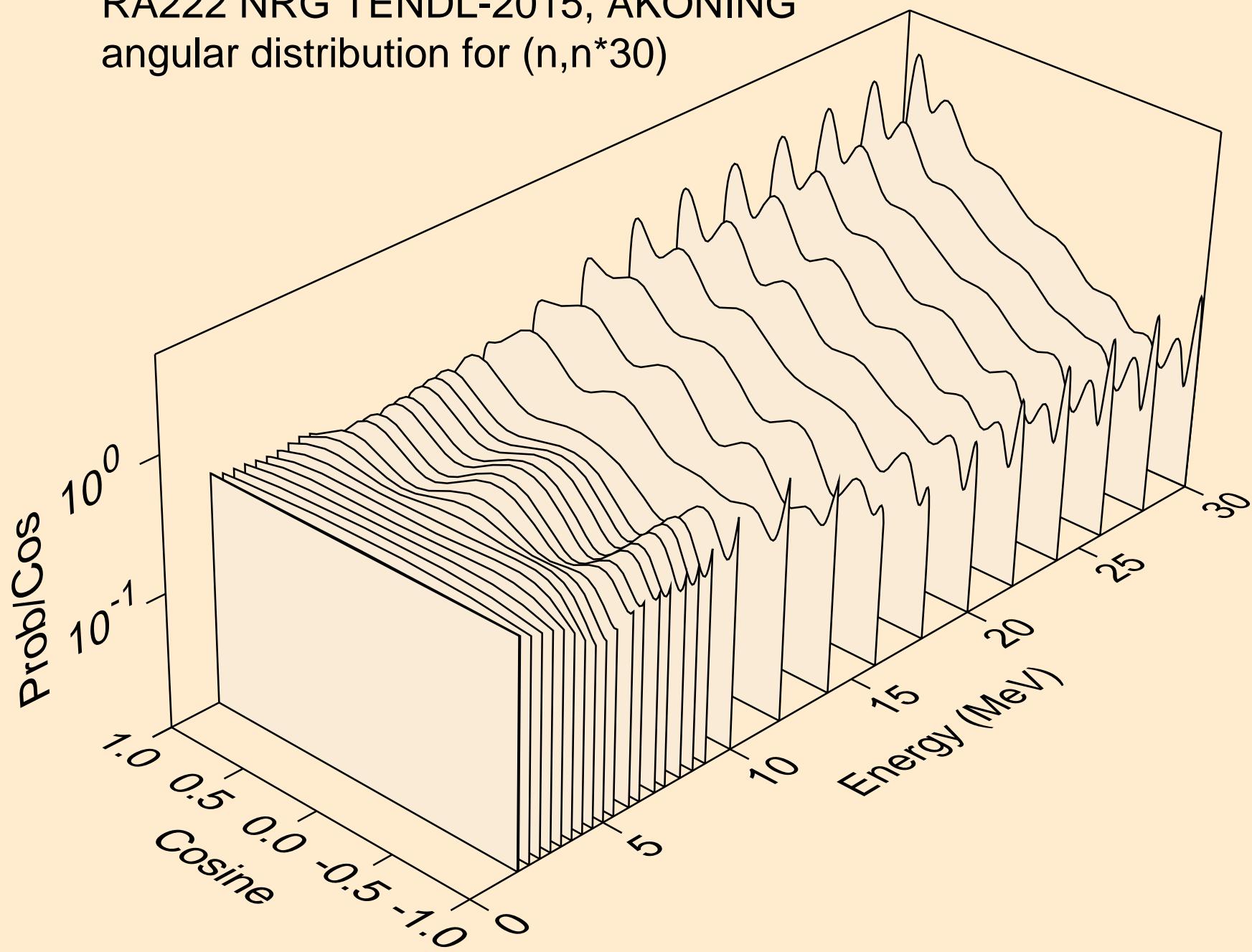
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angular distribution for  $(n,n^*)^{28}$



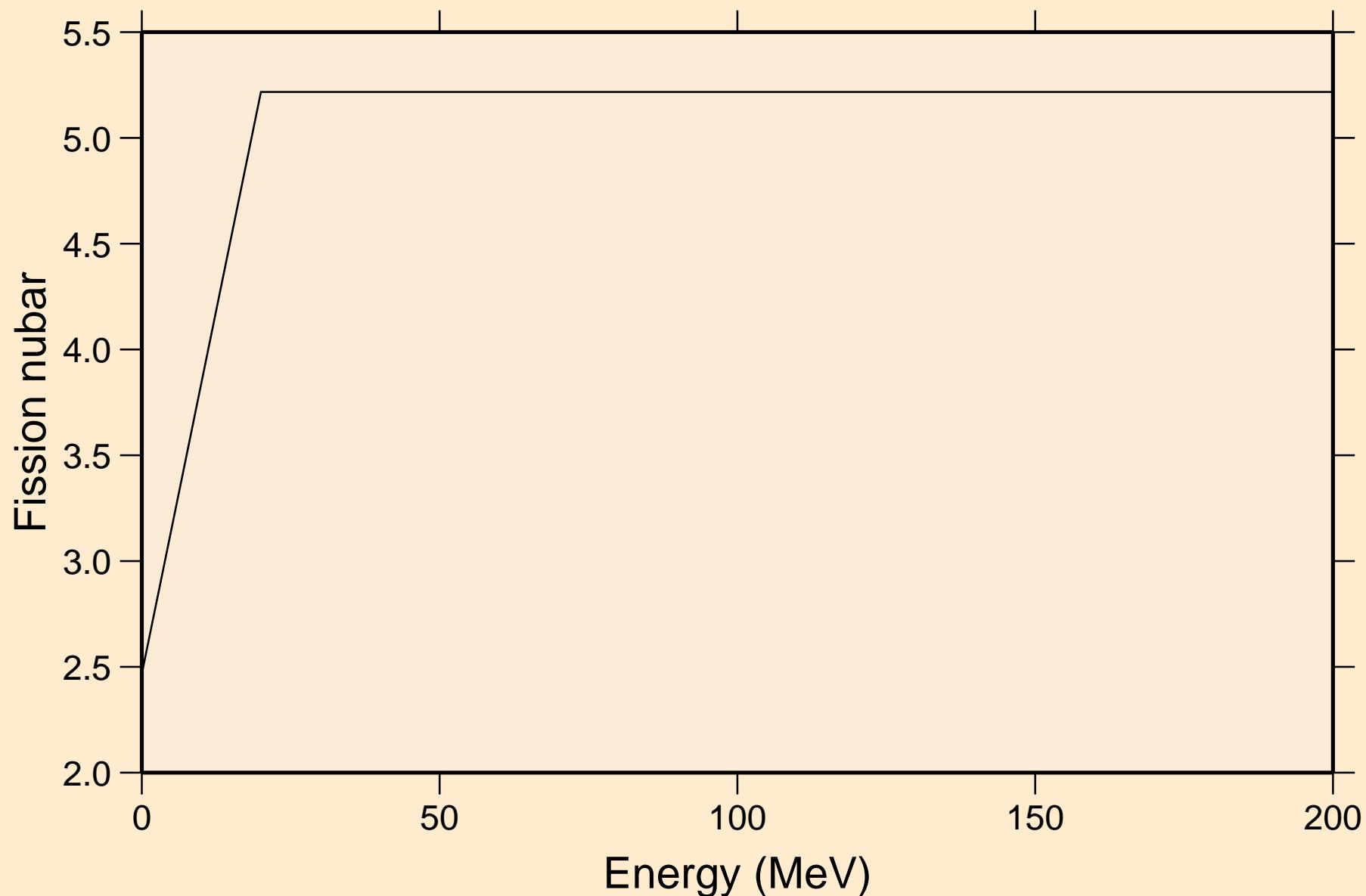
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angular distribution for  $(n,n^*{}^{29})$



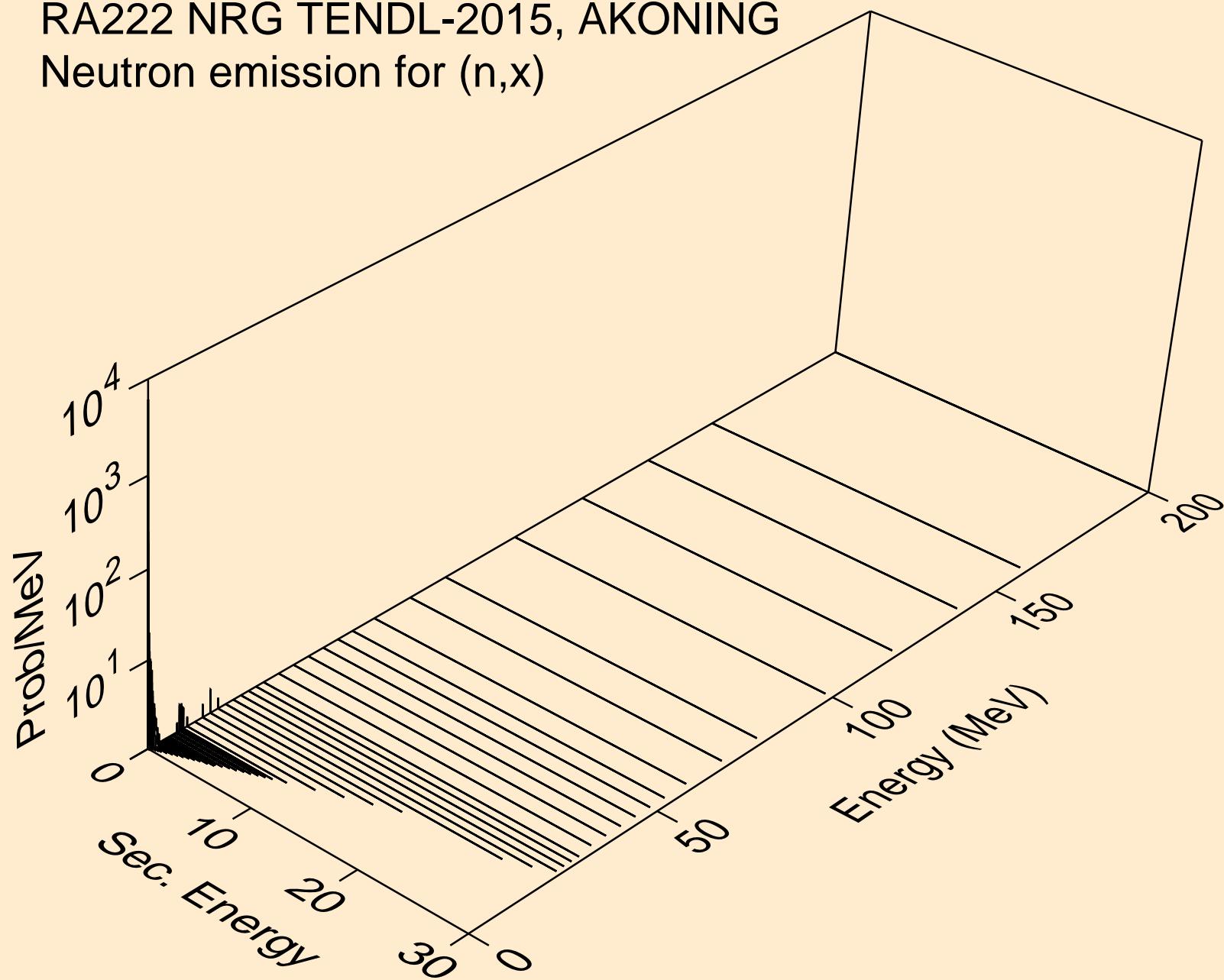
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angular distribution for  $(n,n^*)30$



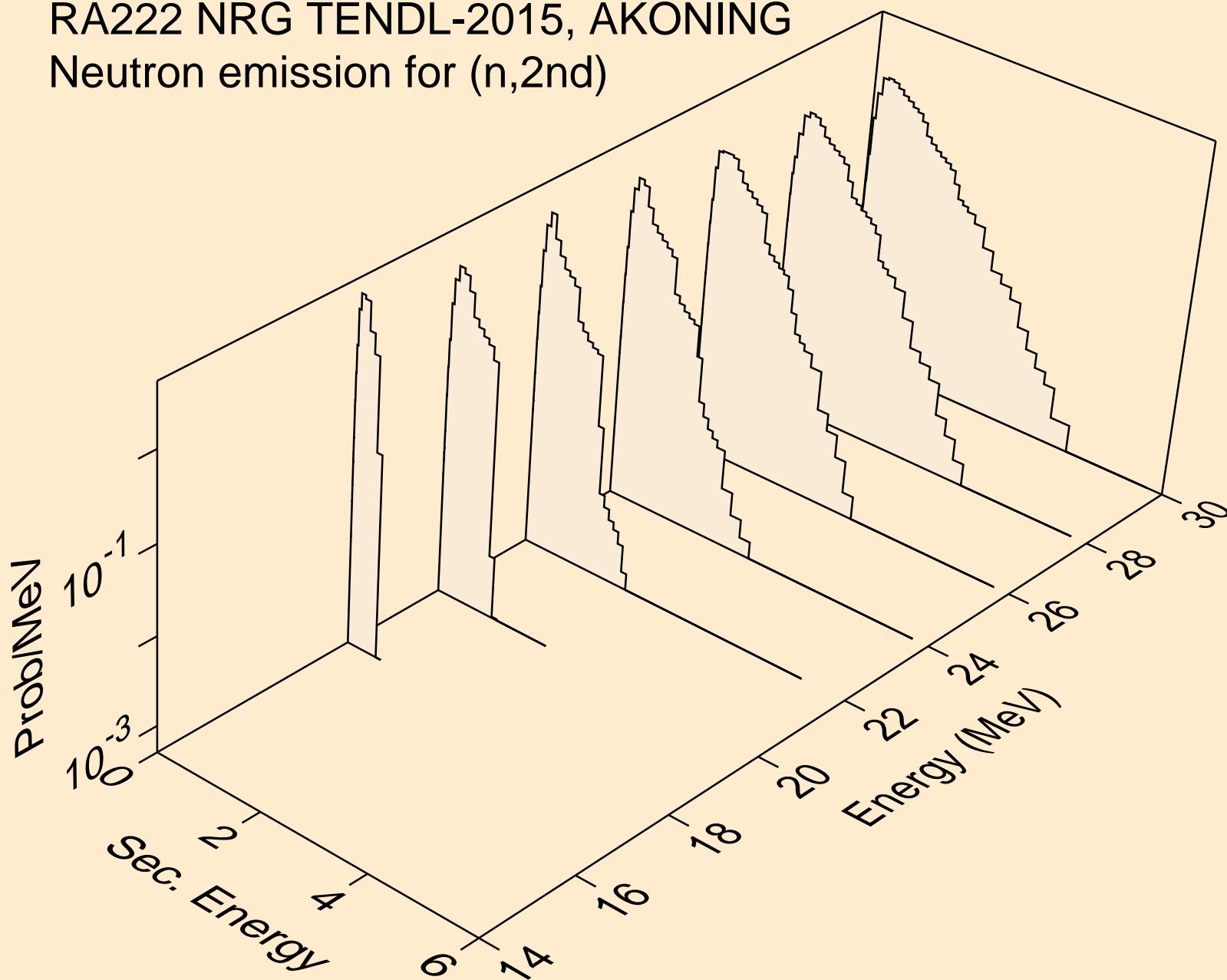
RA222 NRG TENDL-2015, AKONING  
Total fission nubar



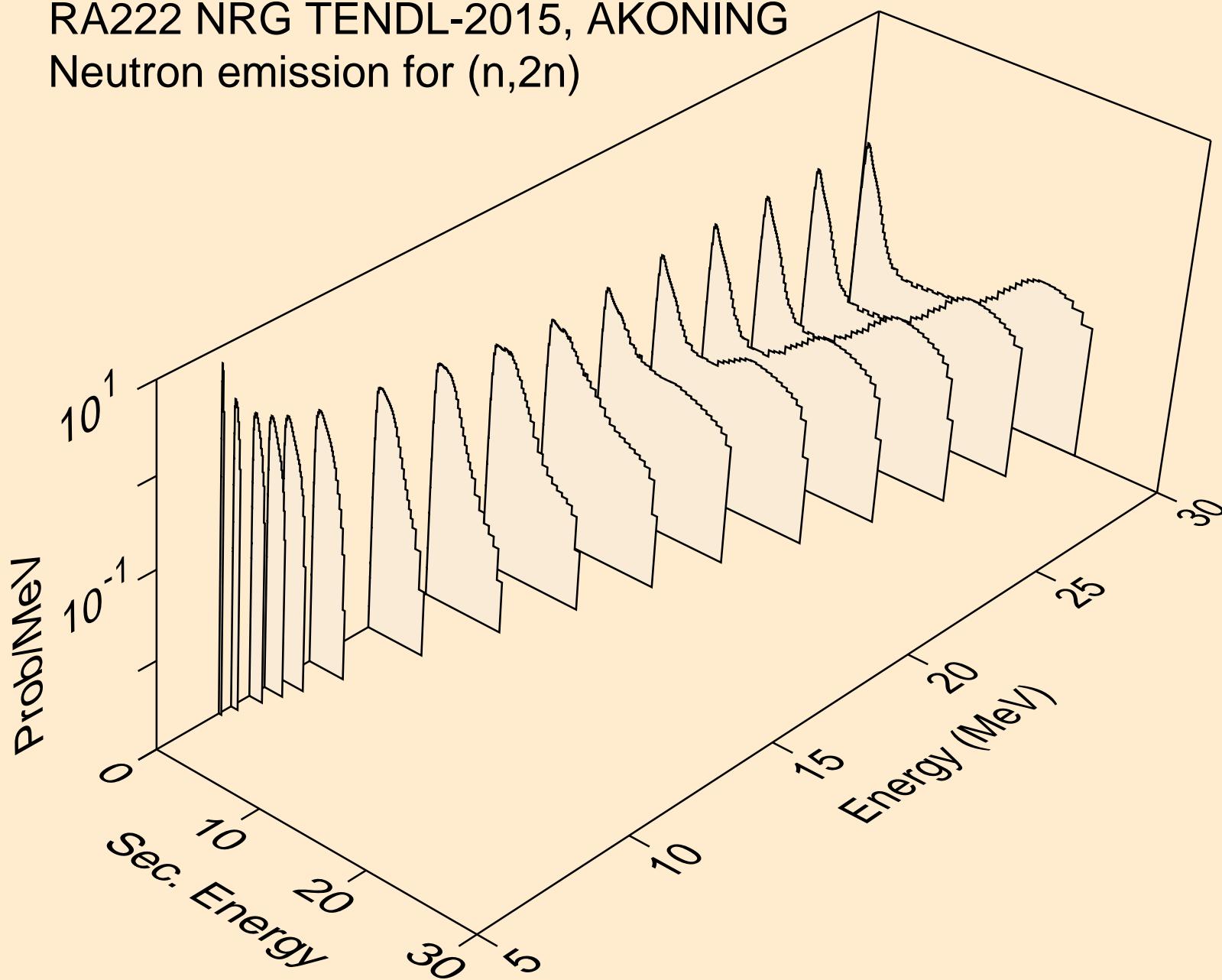
RA222 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



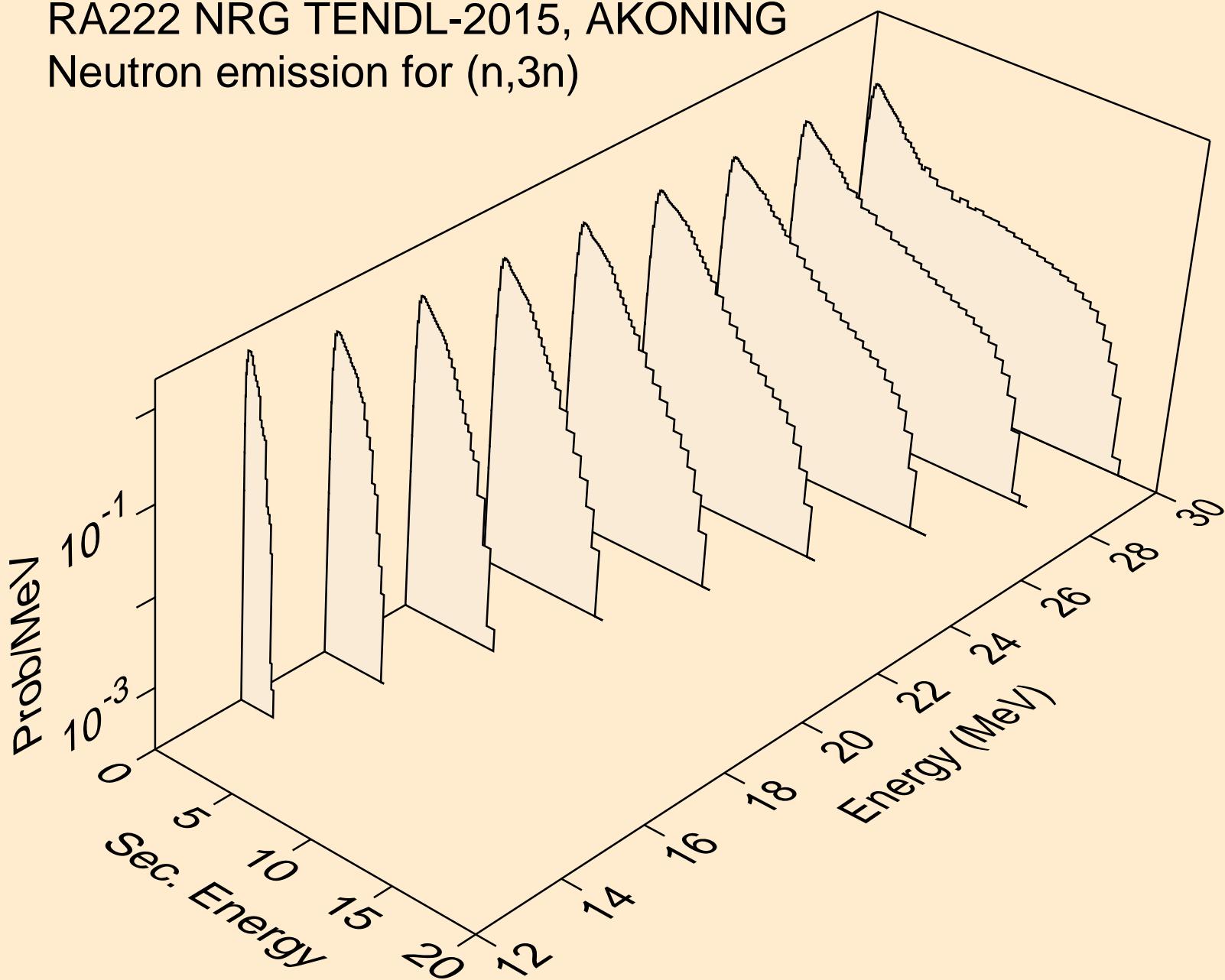
RA222 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



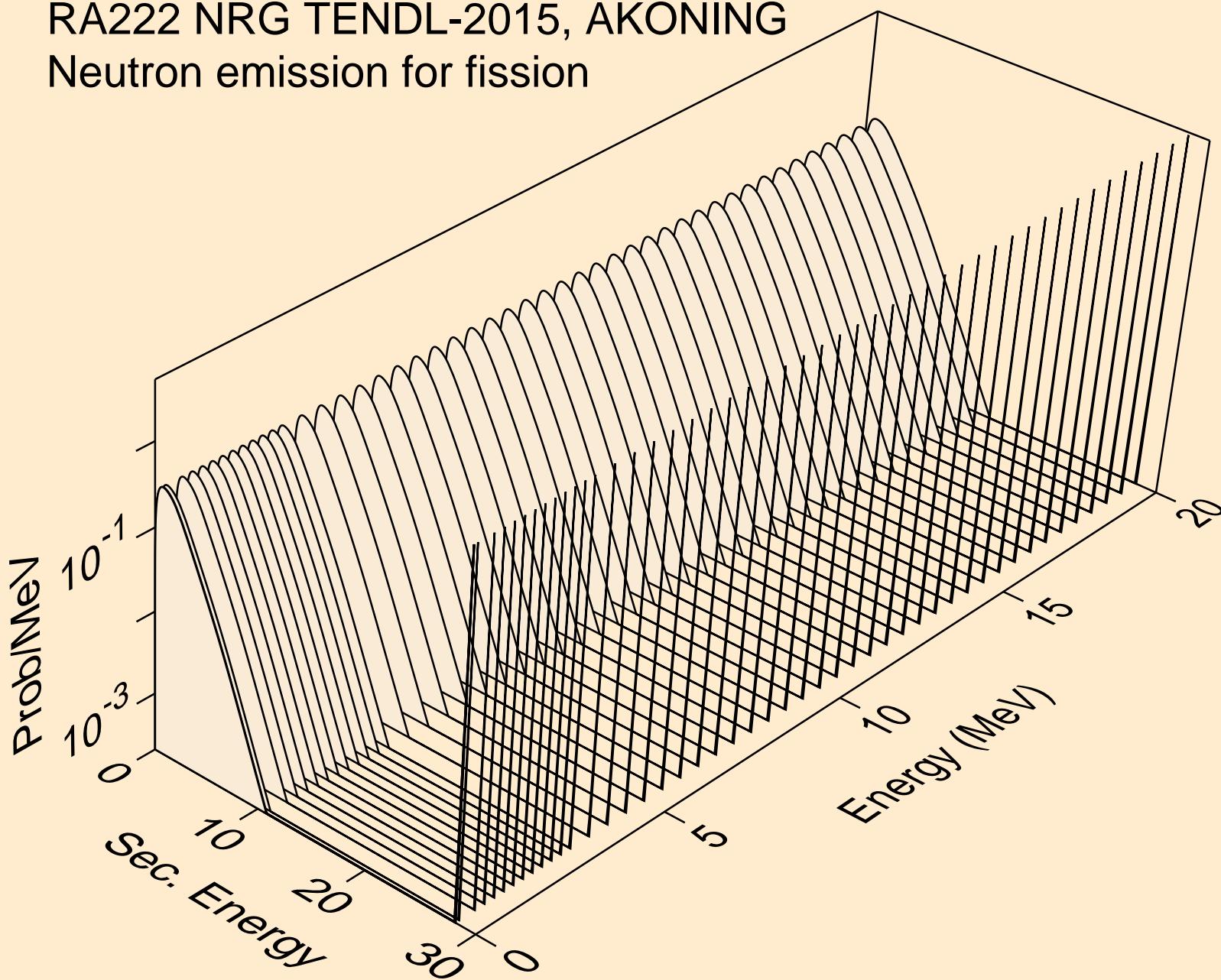
RA222 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



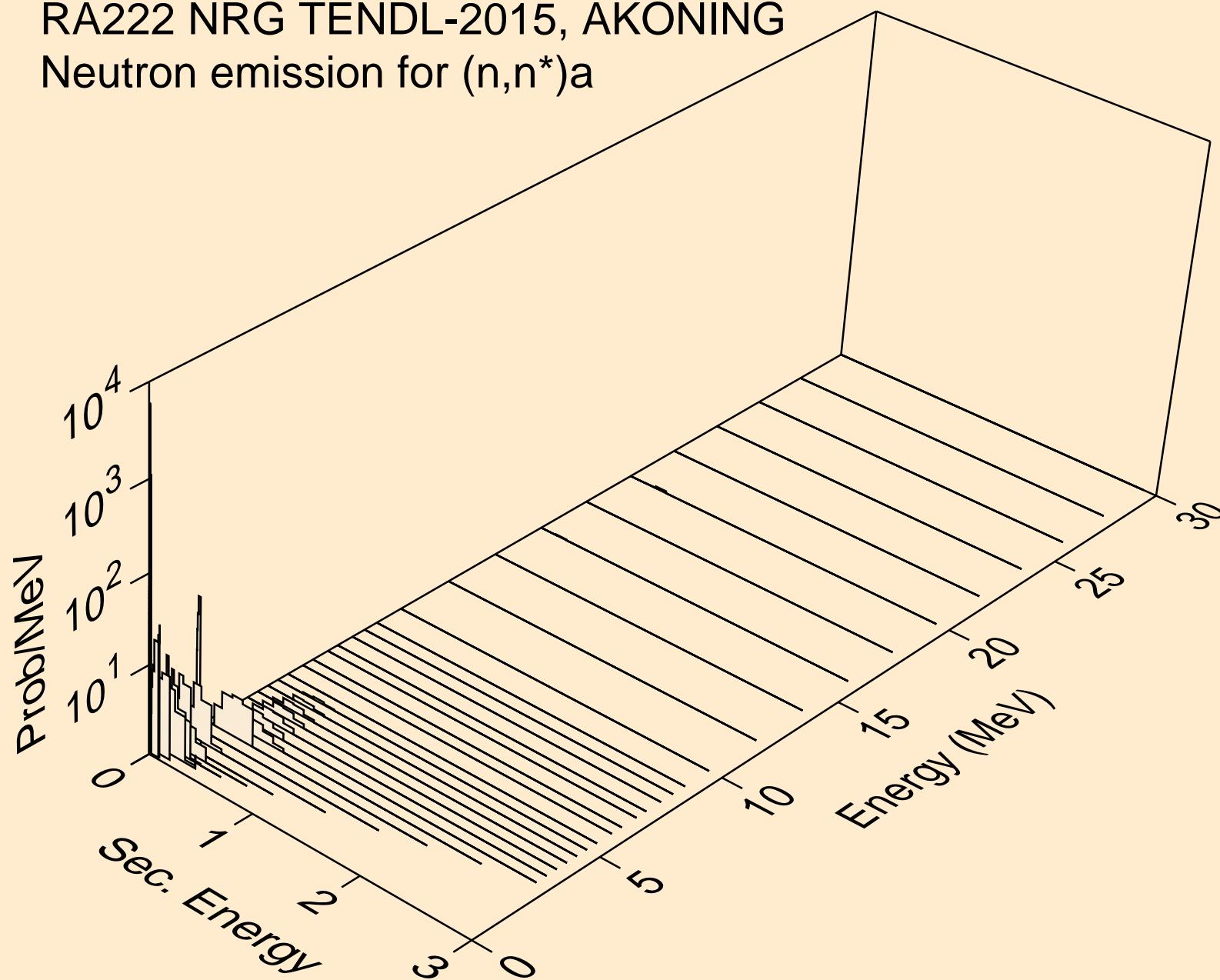
RA222 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



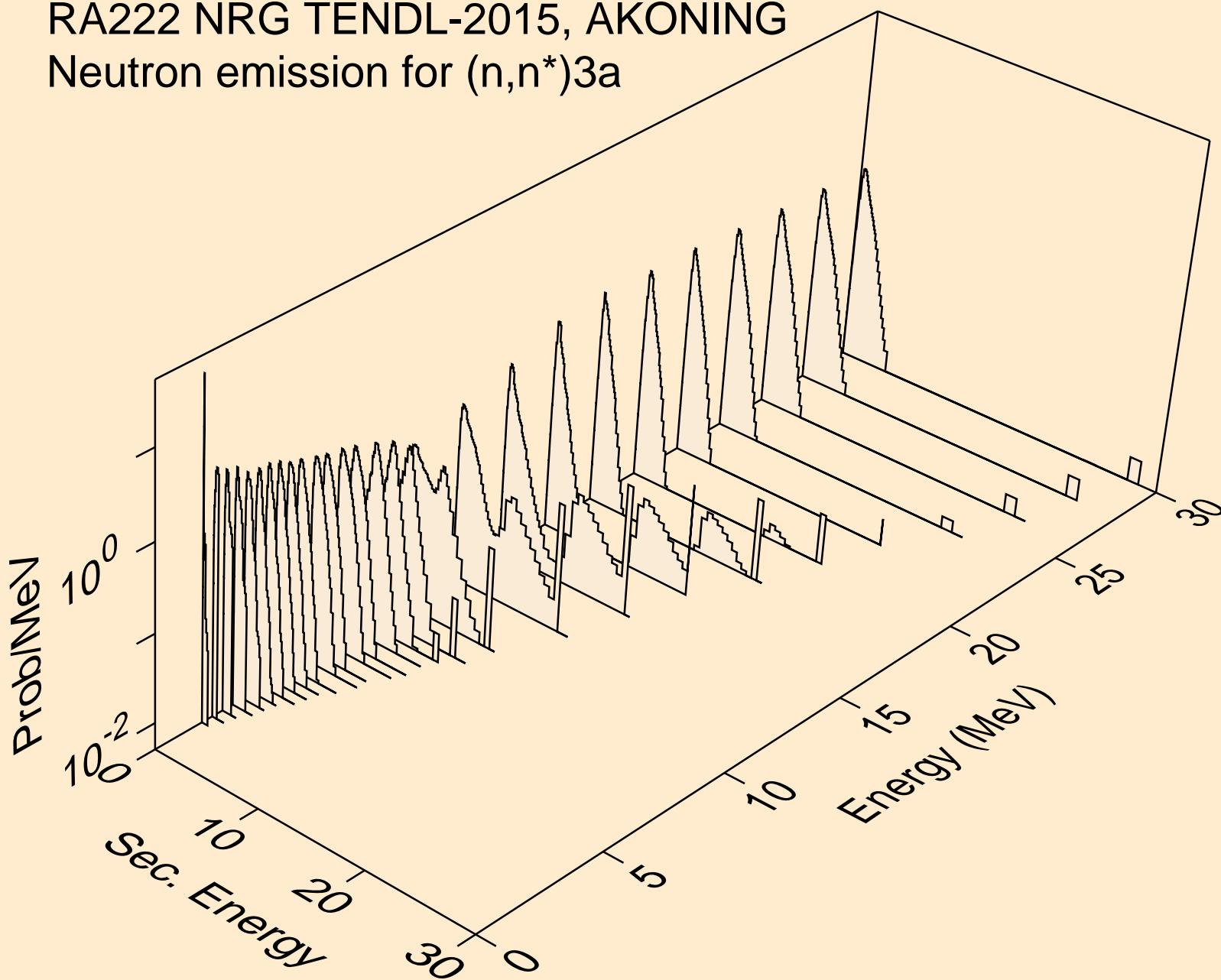
RA222 NRG TENDL-2015, AKONING  
Neutron emission for fission



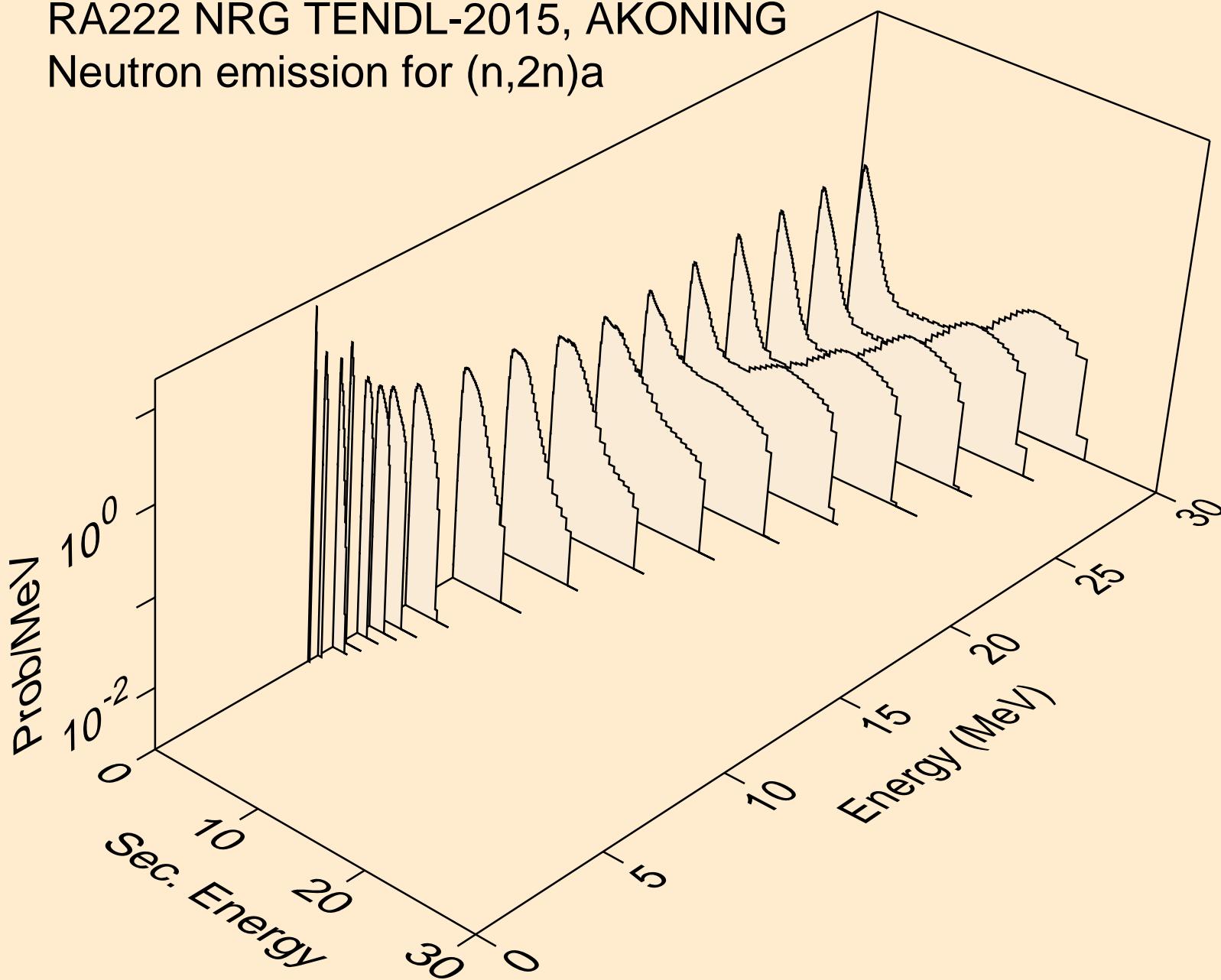
RA222 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



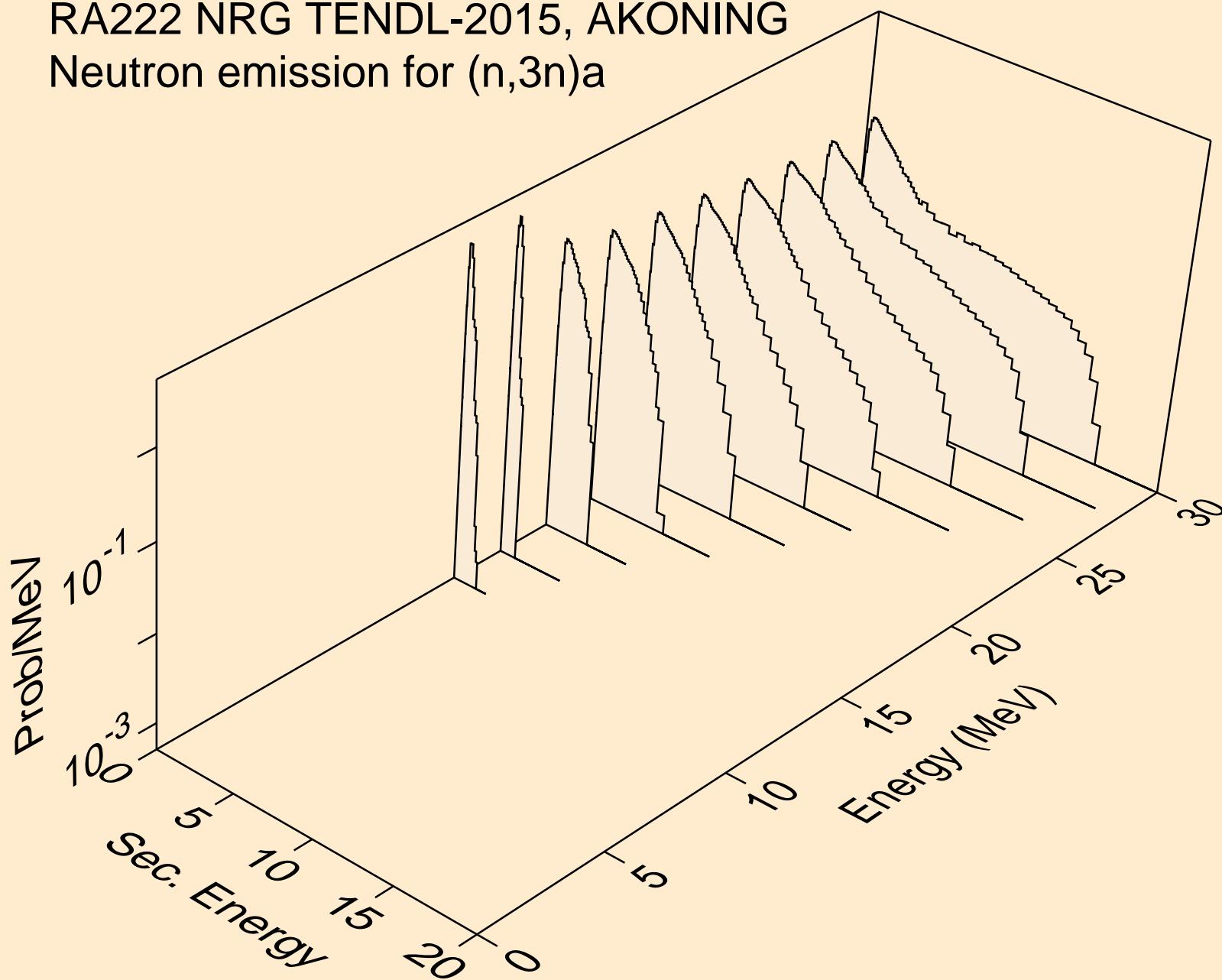
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Neutron emission for  $(n,n^*)3a$



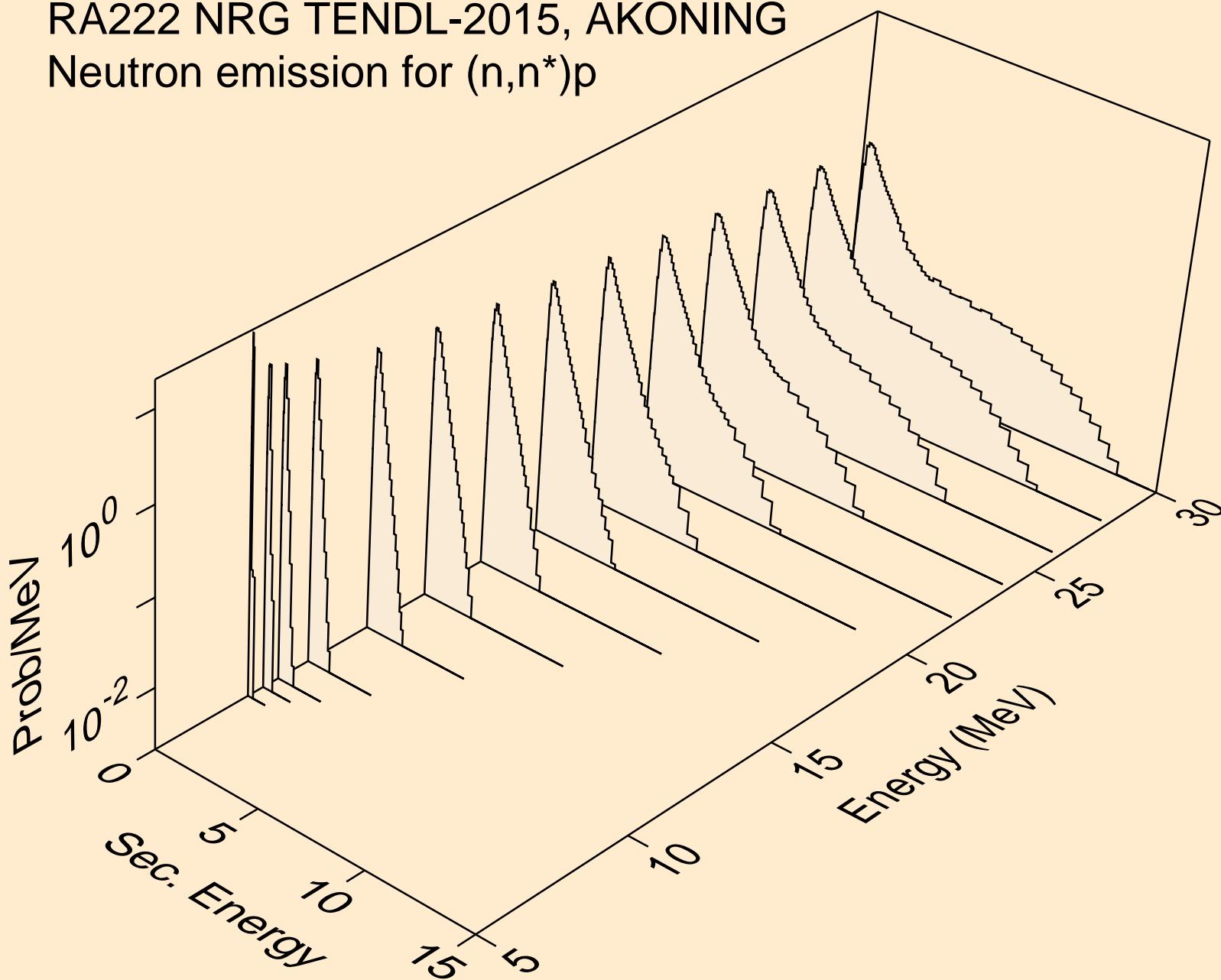
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Neutron emission for  $(n,2n)a$



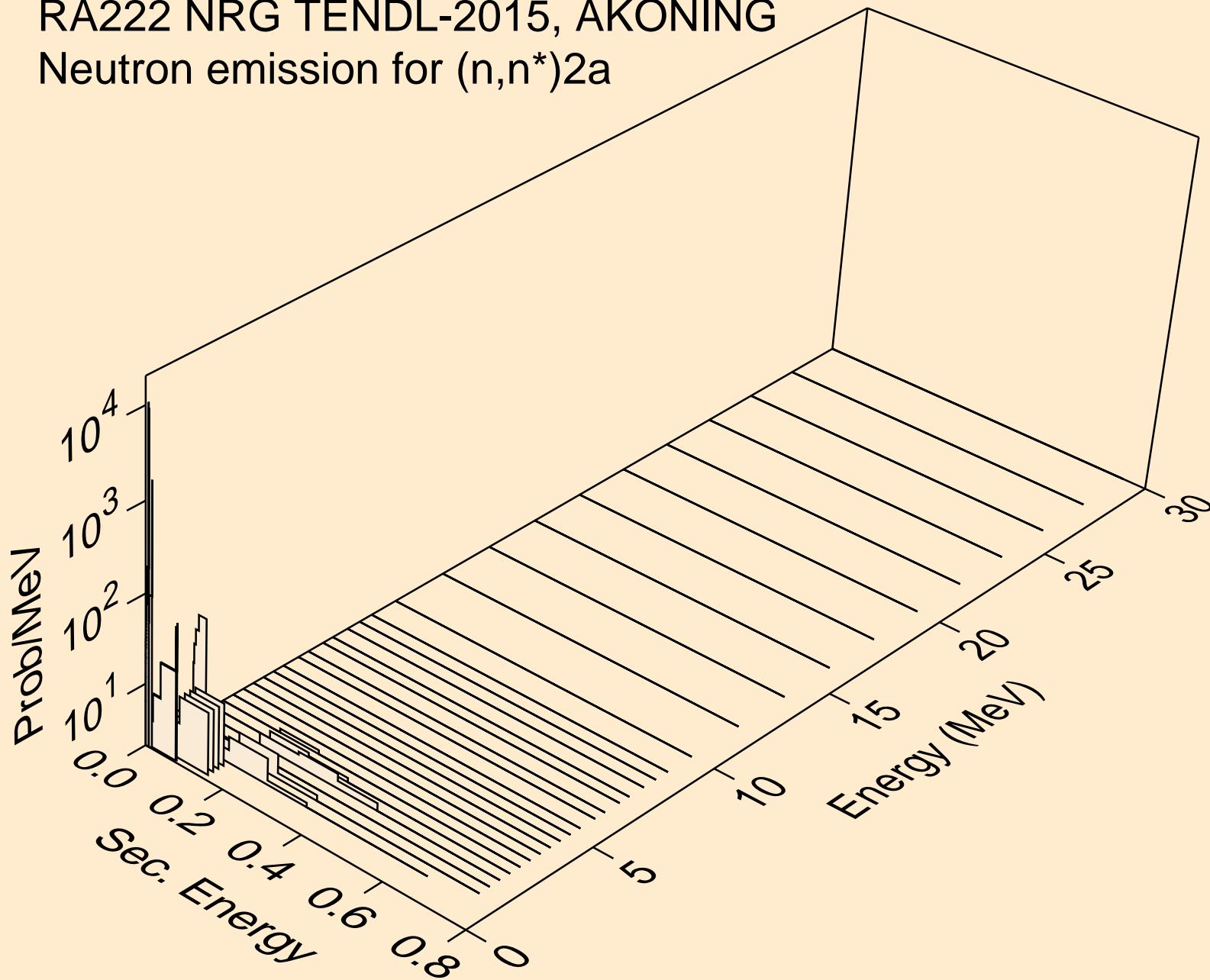
RA222 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



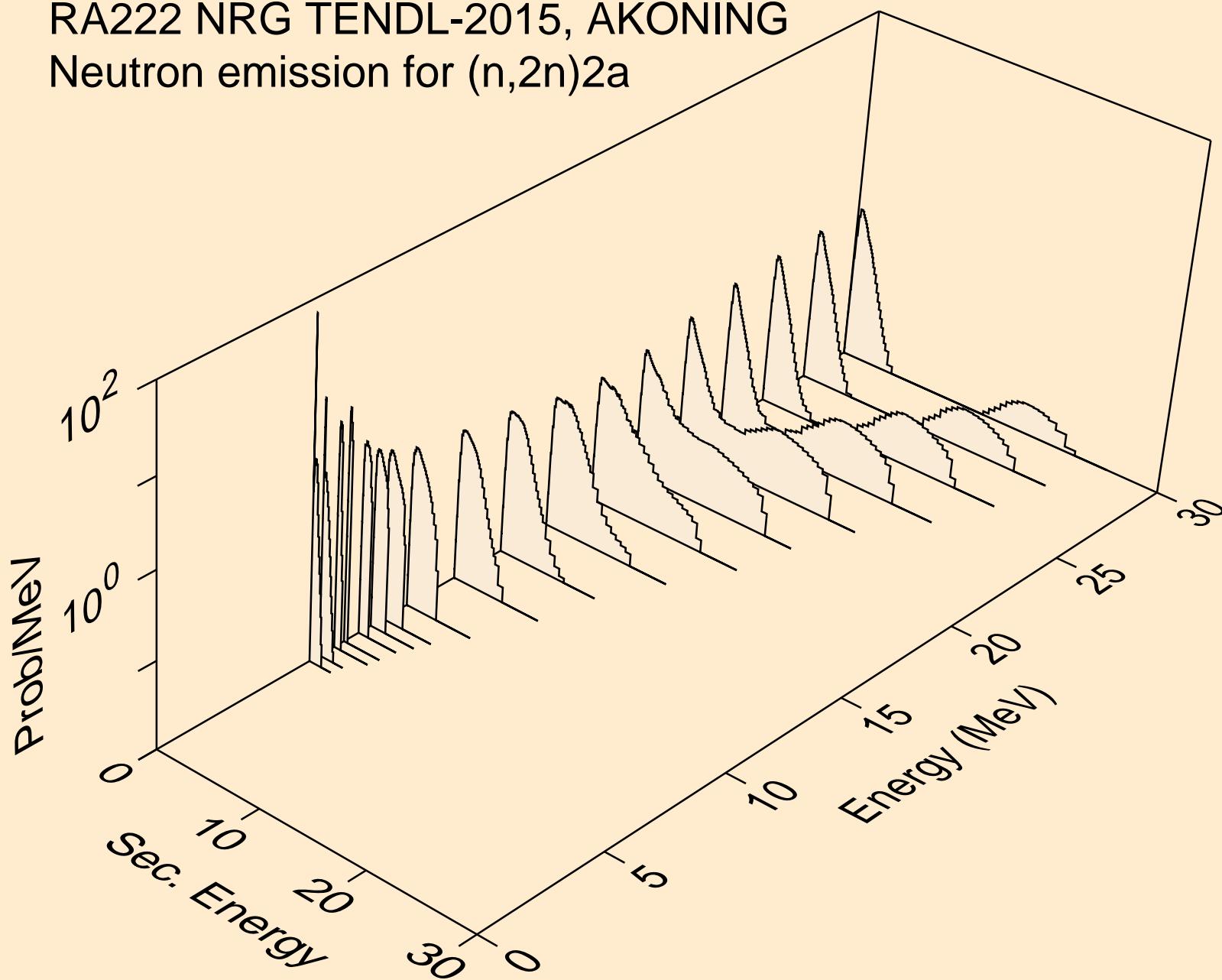
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Neutron emission for  $(n,n^*)p$



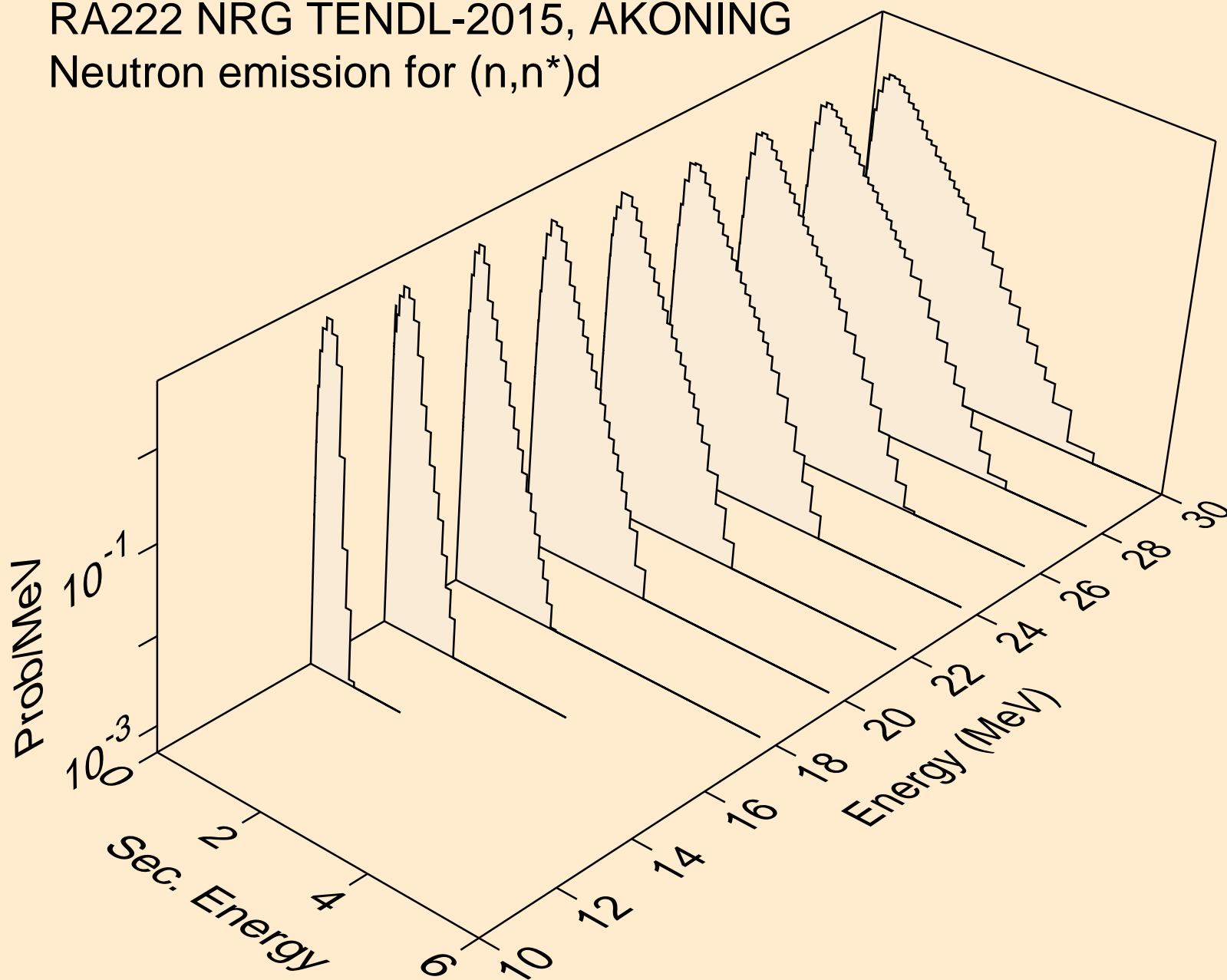
RA222 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



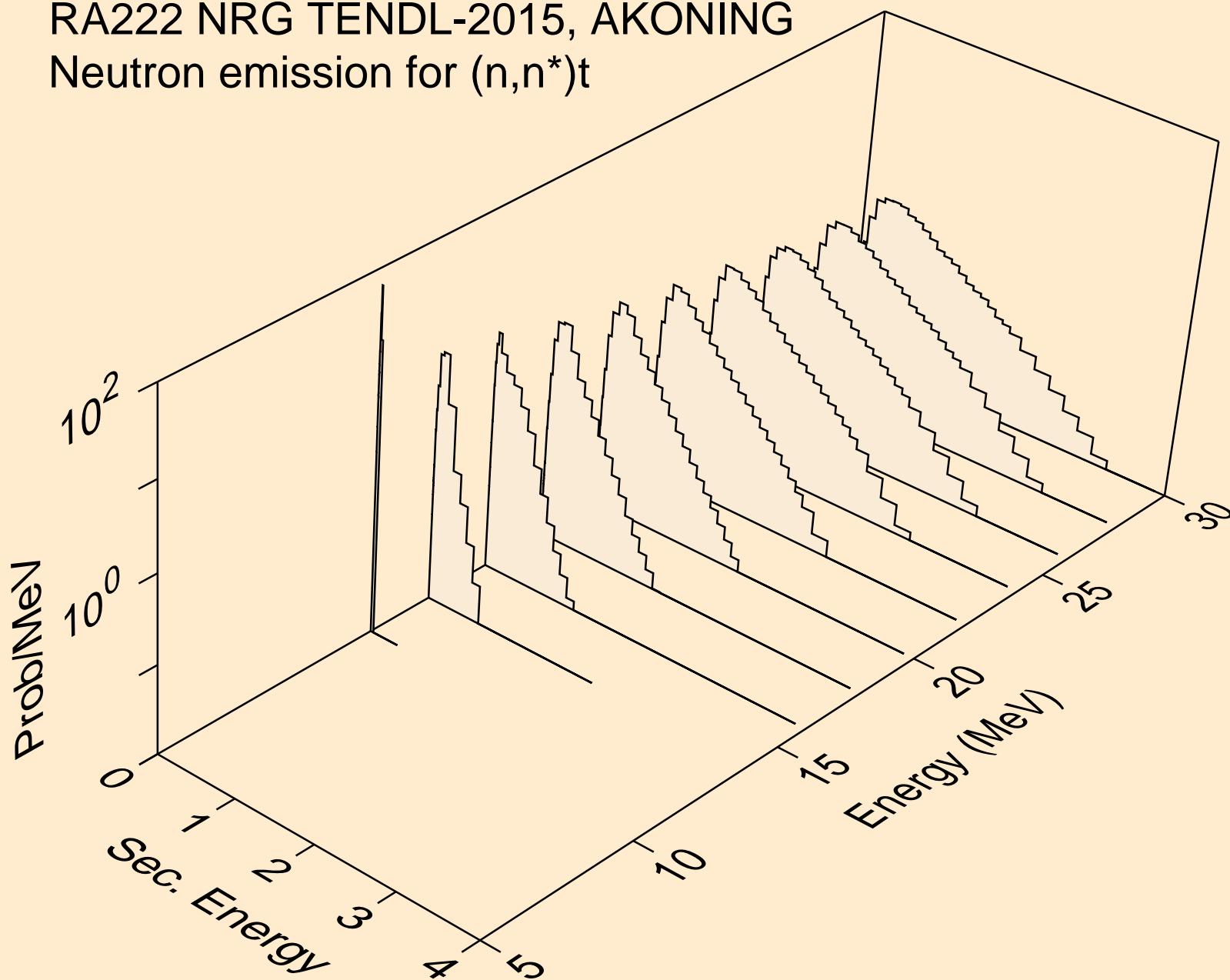
RA222 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)2a$



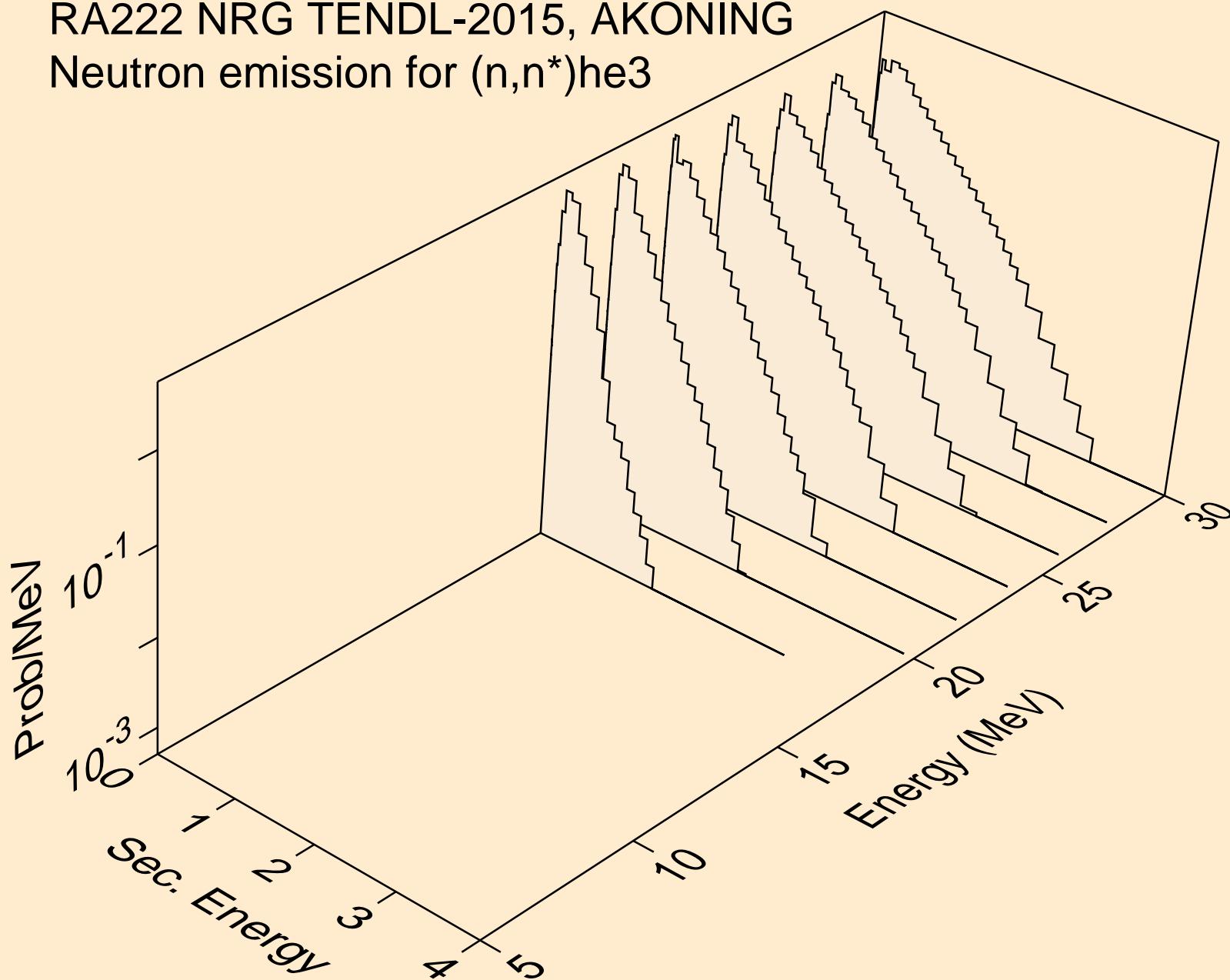
RA222 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



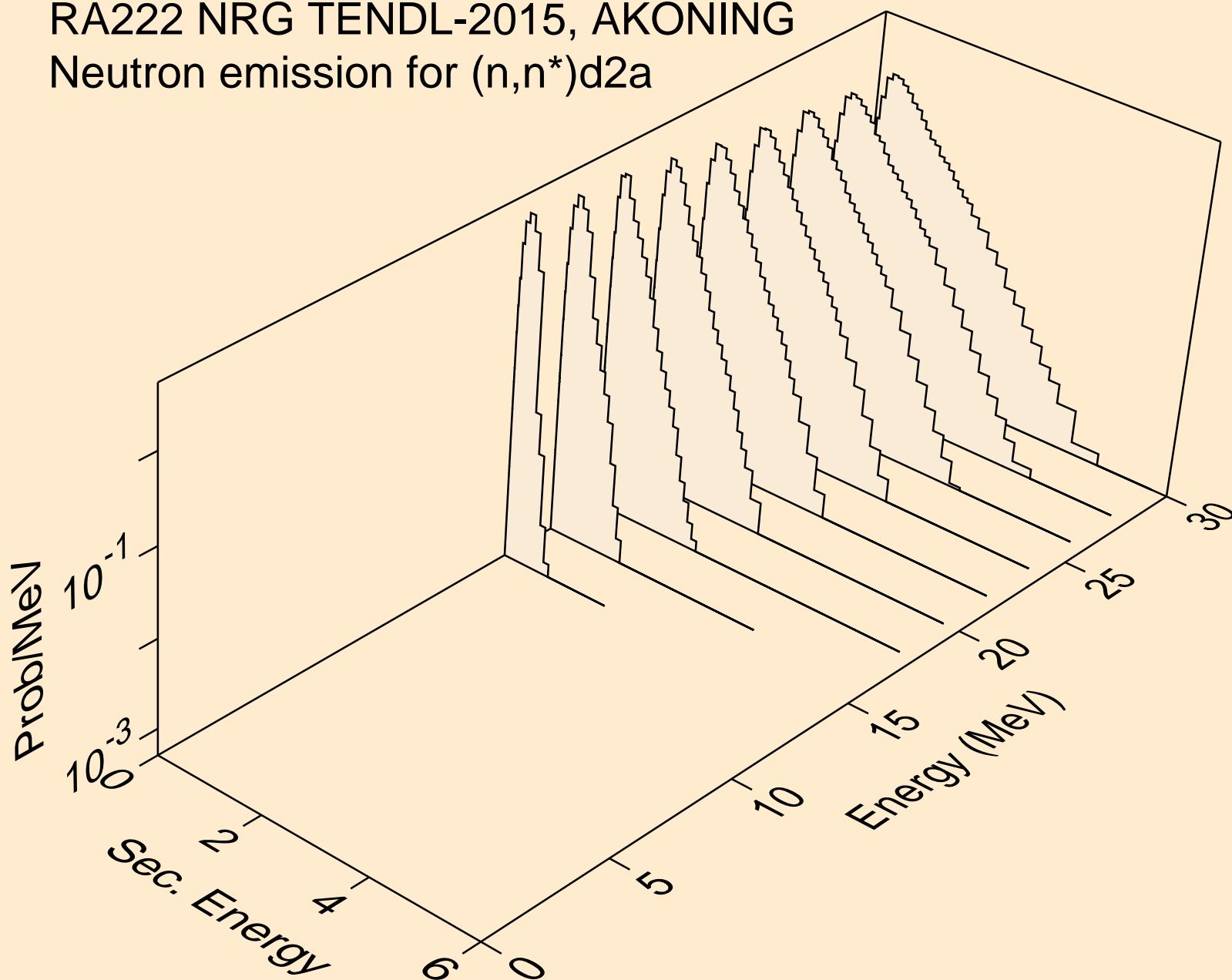
RA222 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



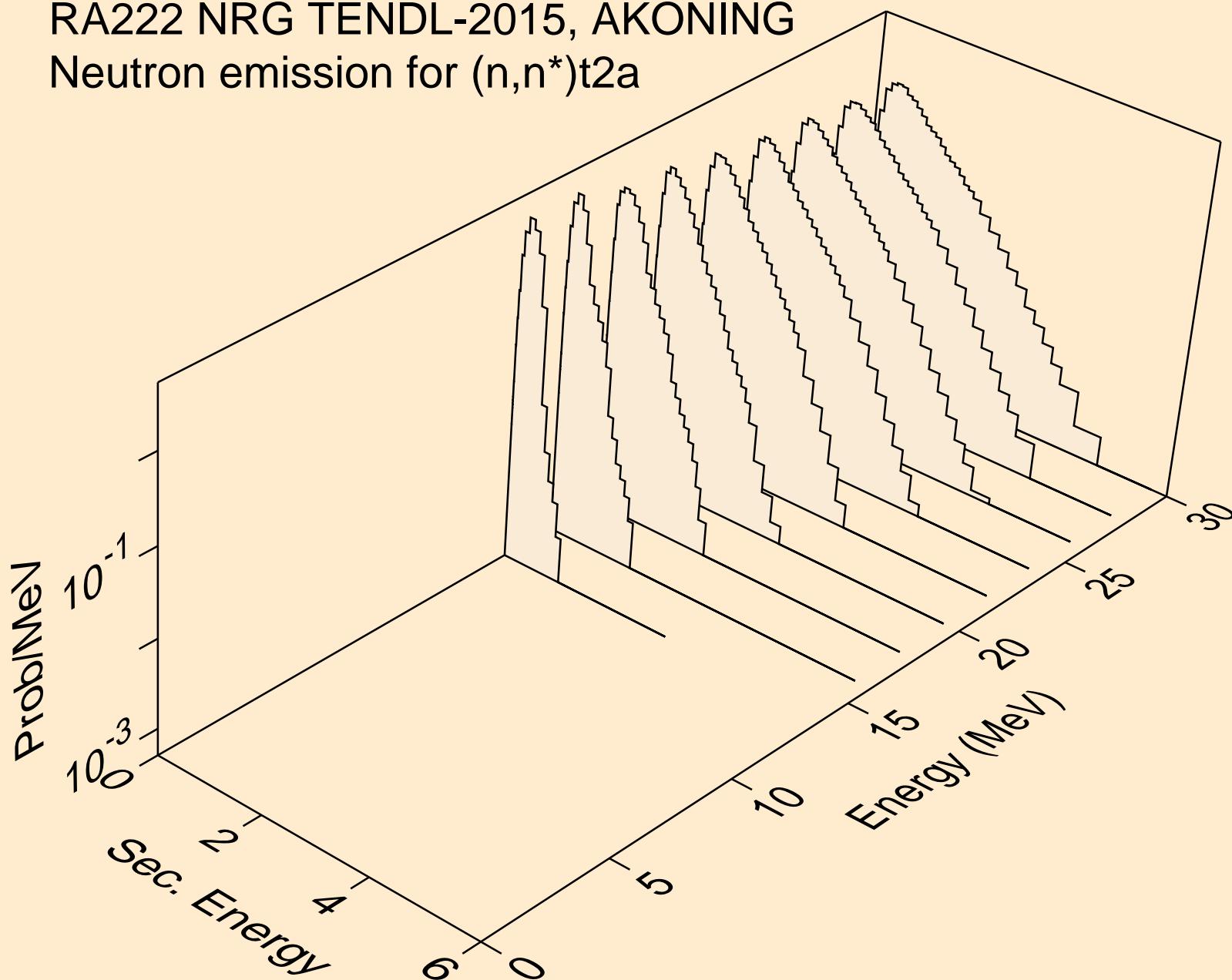
RA222 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he}3$



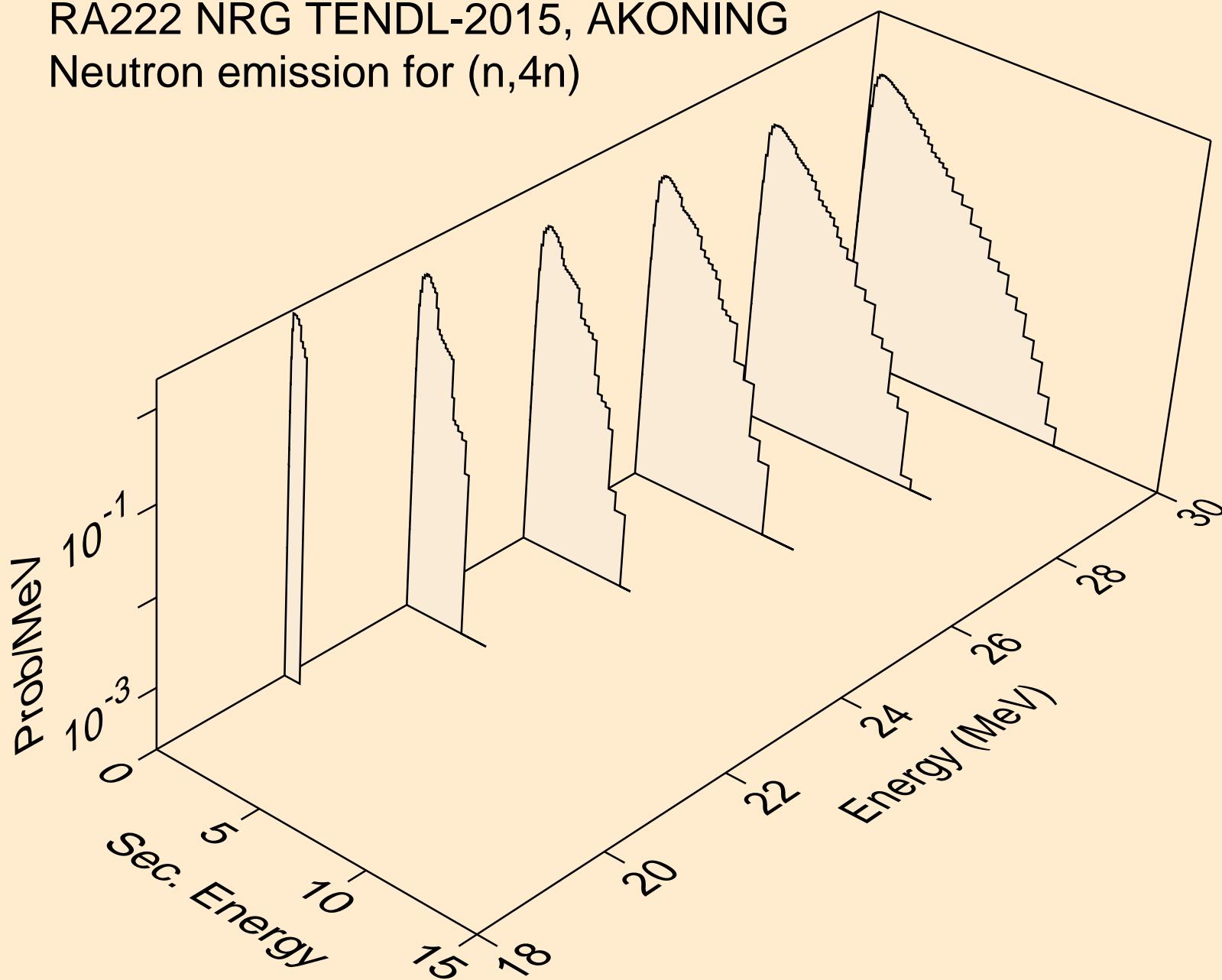
RA222 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d^2a$



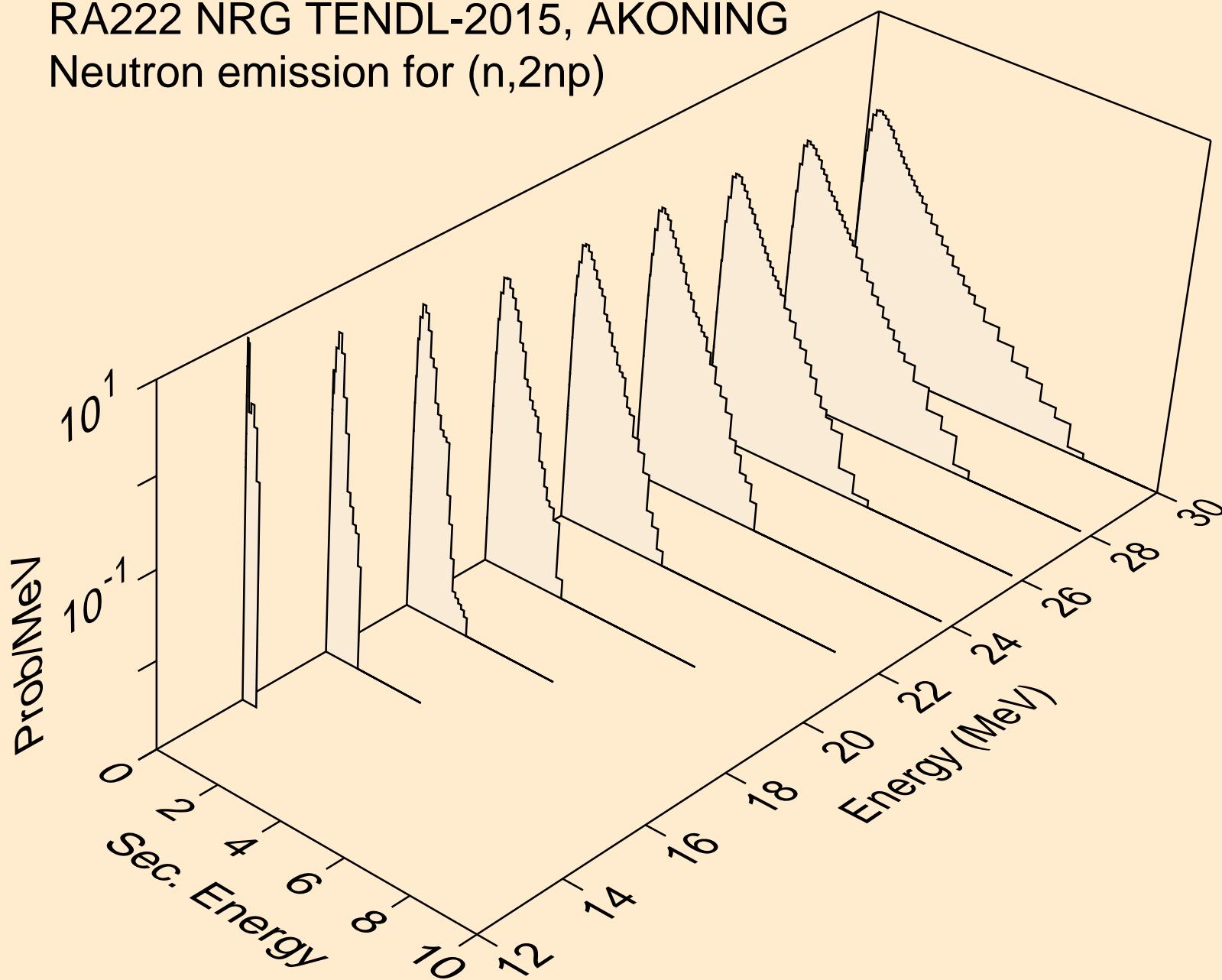
RA222 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t2a$



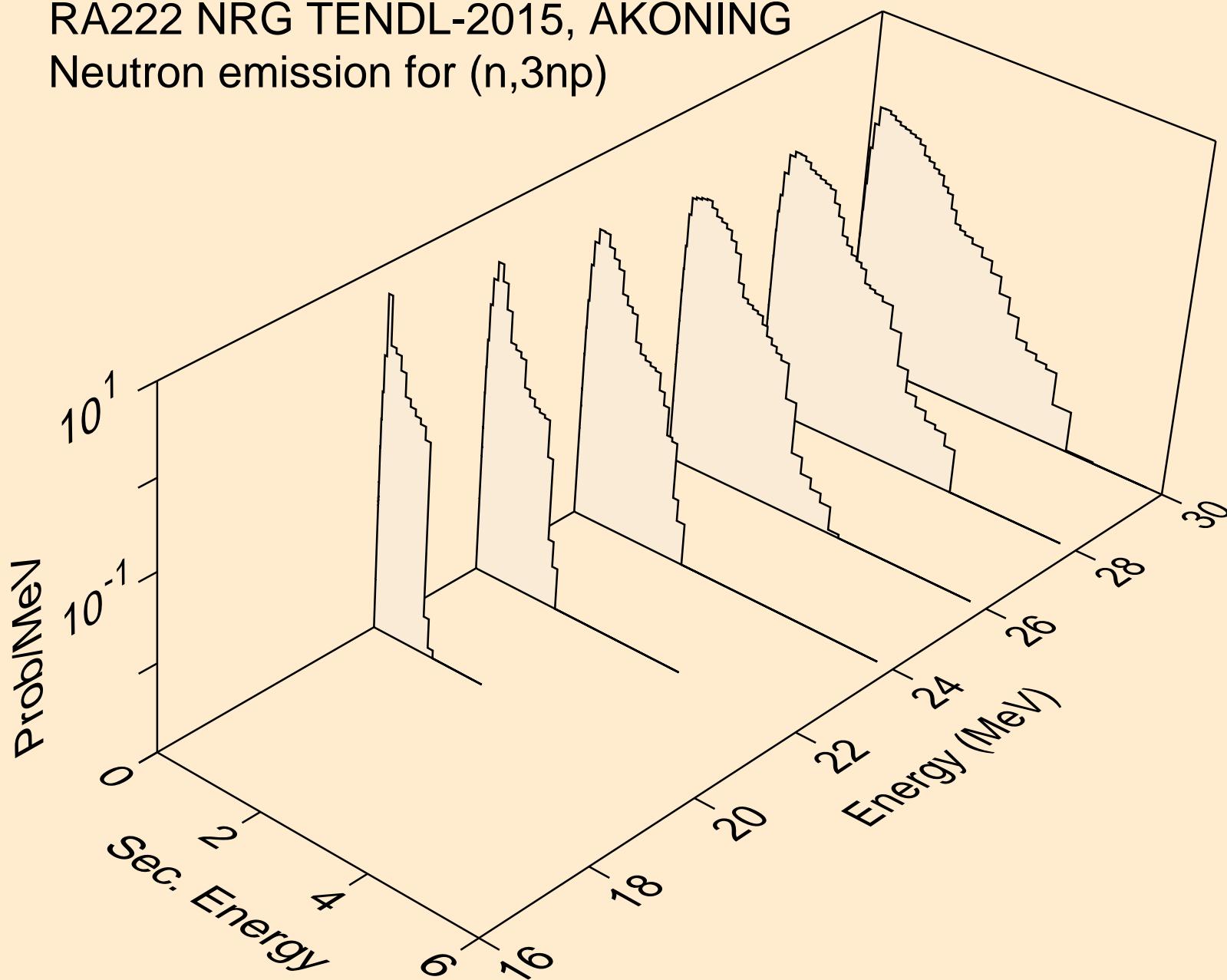
RA222 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



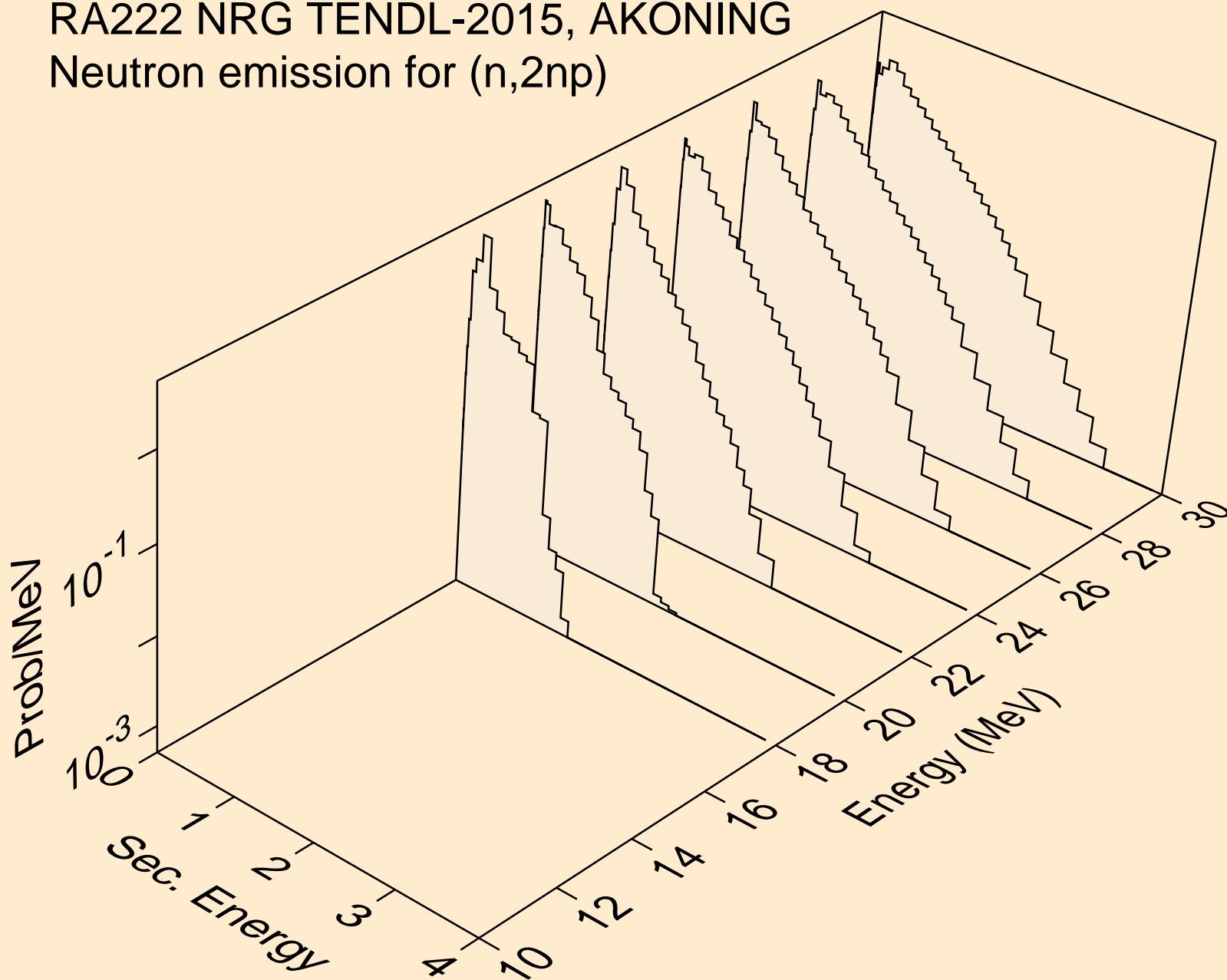
RA222 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



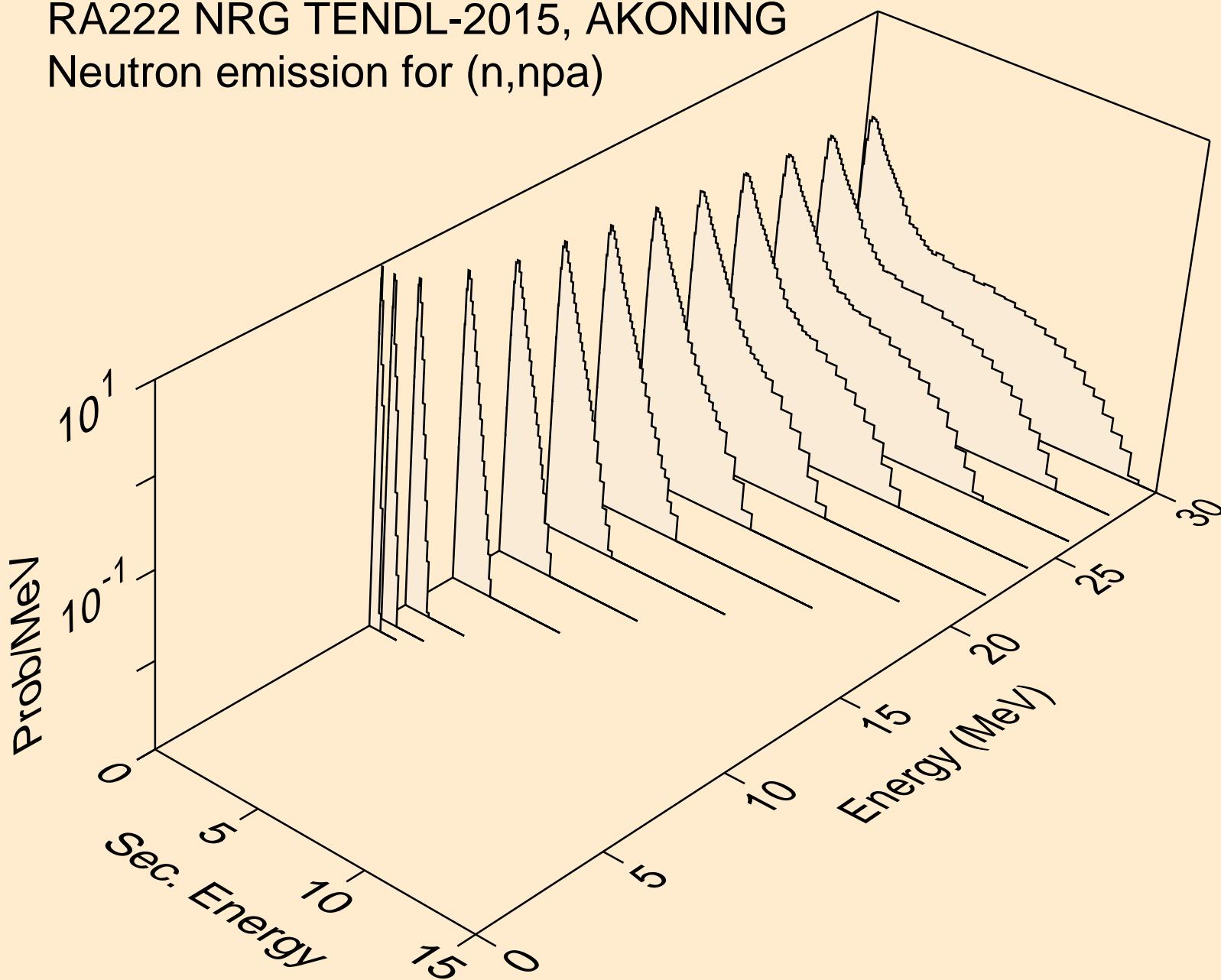
RA222 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



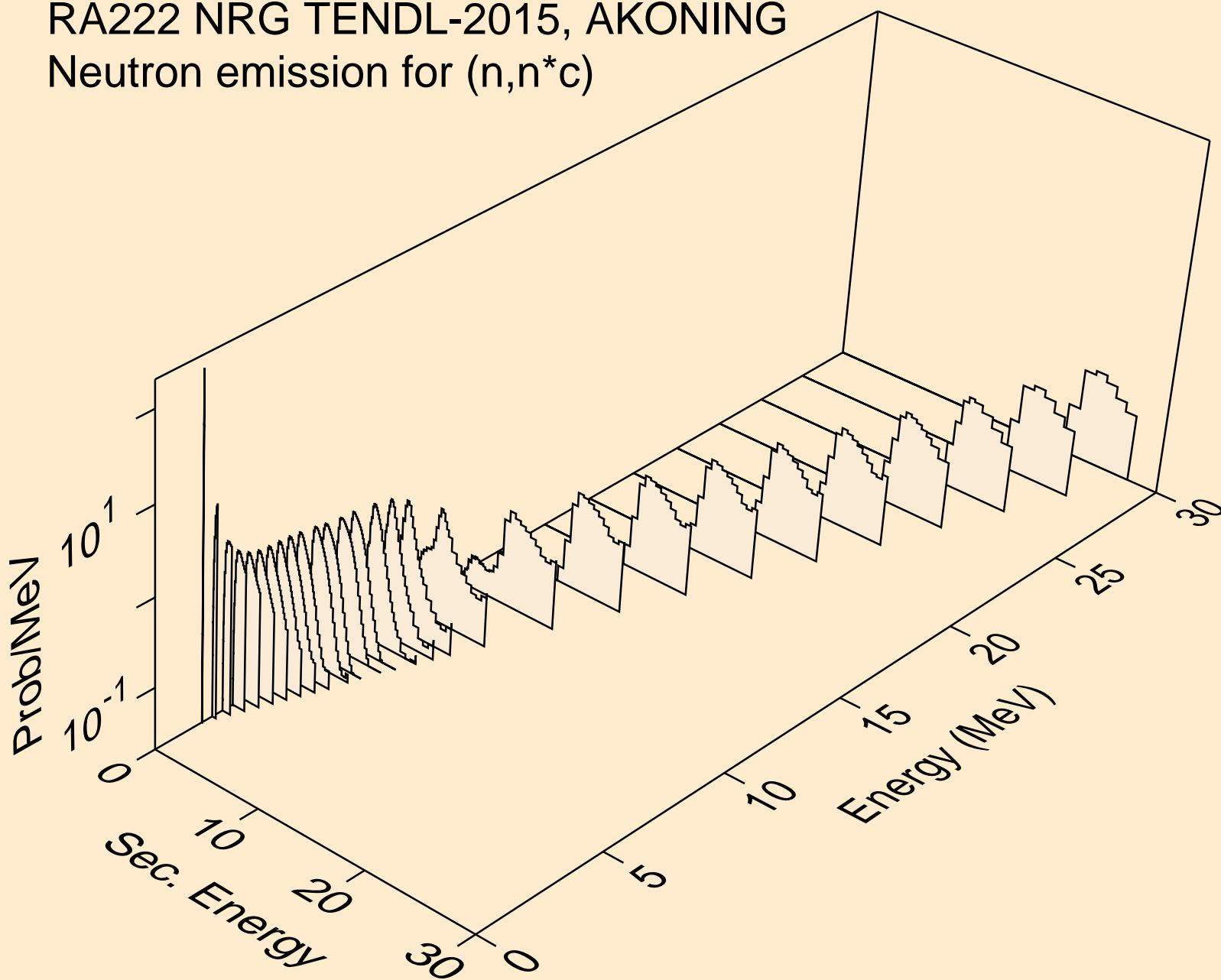
RA222 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



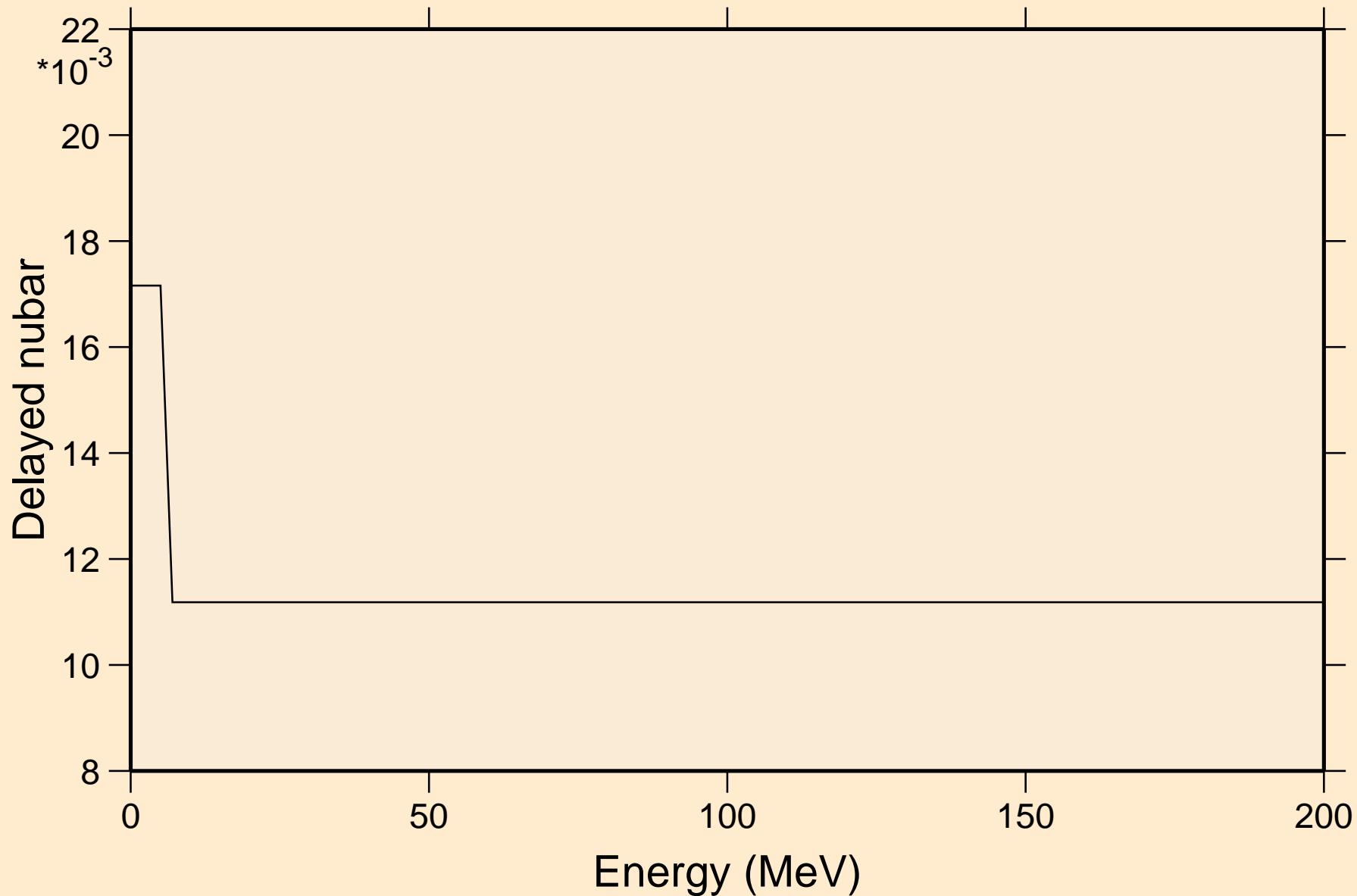
RA222 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



RA222 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

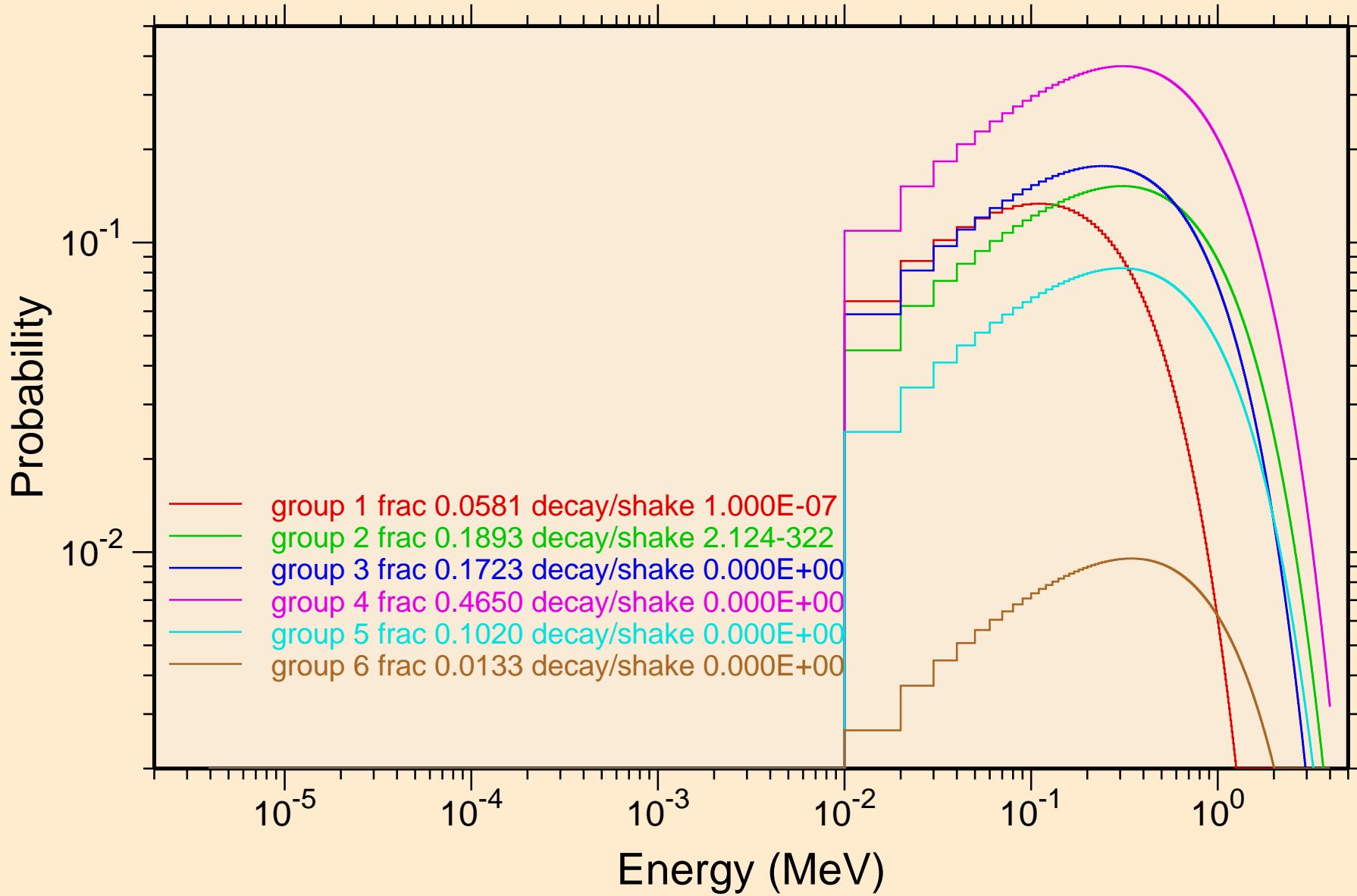


RA222 NRG TENDL-2015, AKONING  
Delayed nubar

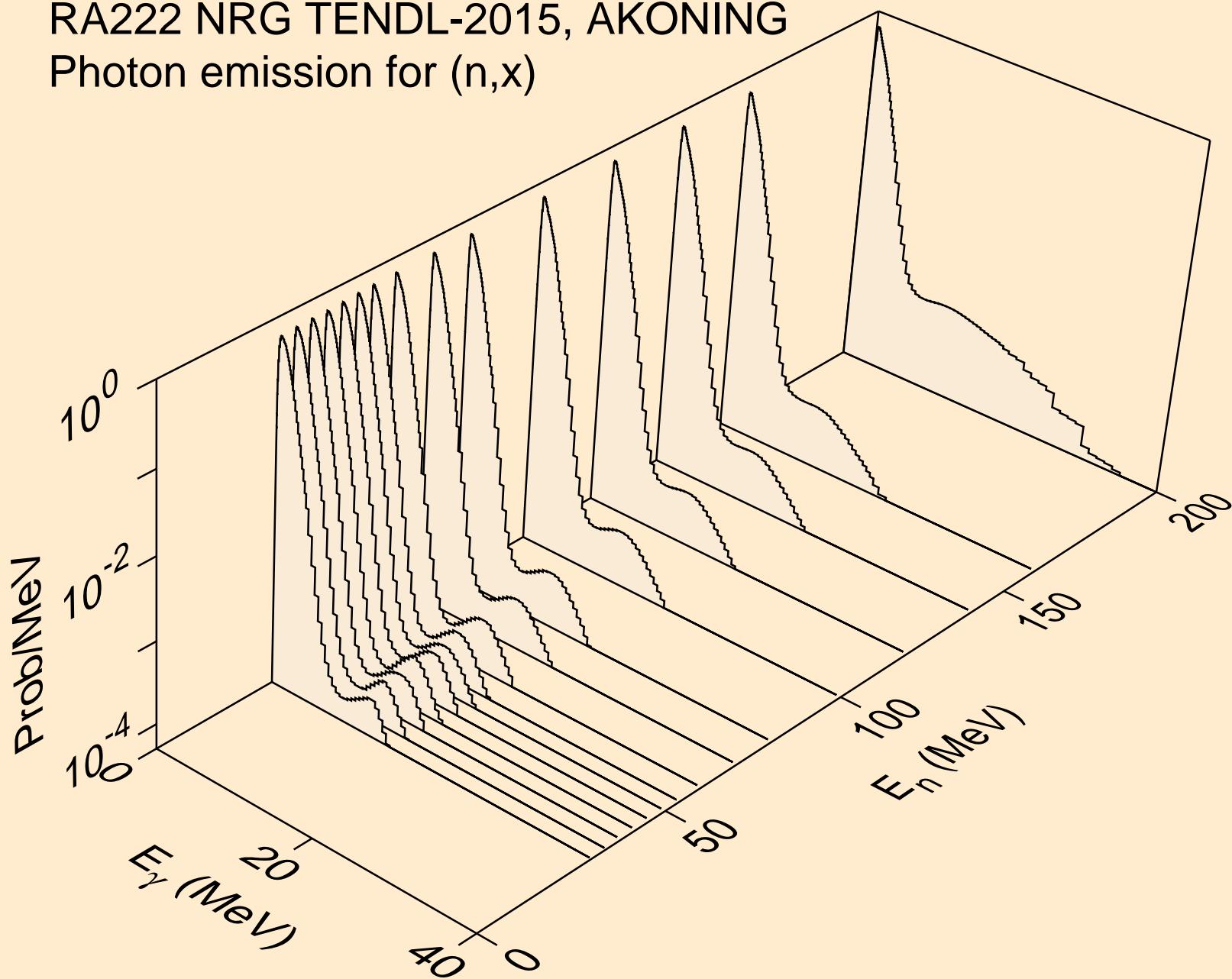


# RA222 NRG TENDL-2015, AKONING

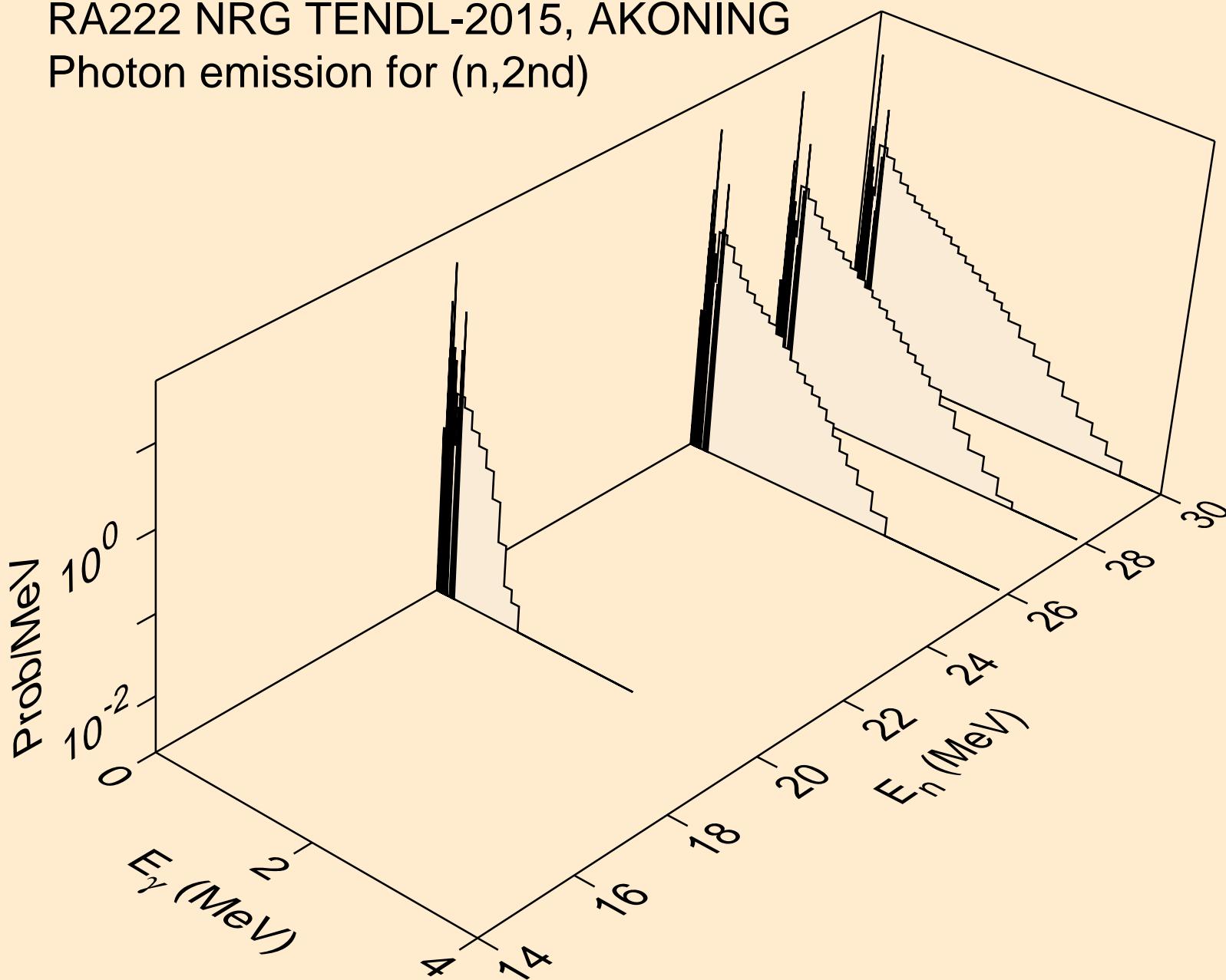
## Delayed neutron spectra



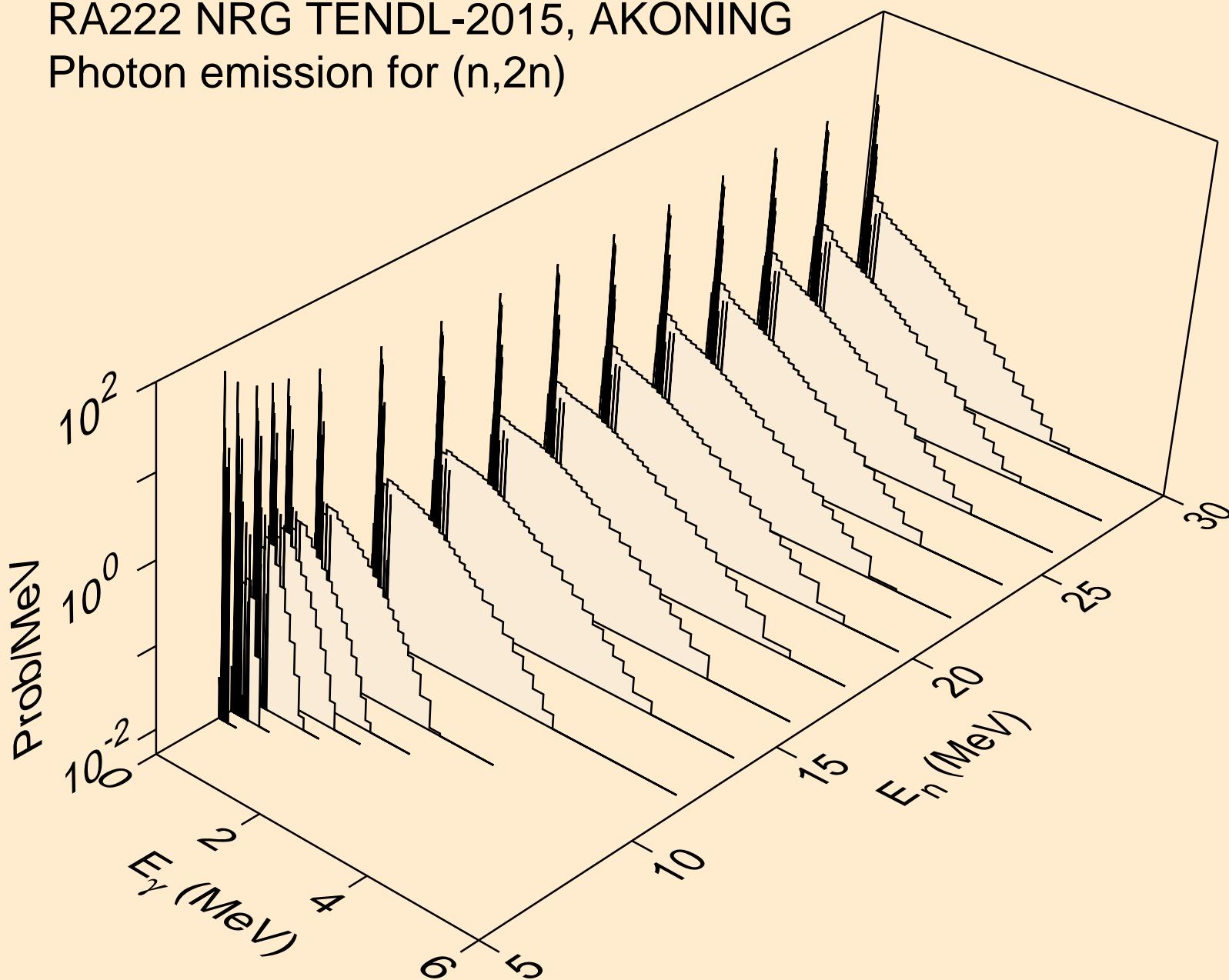
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



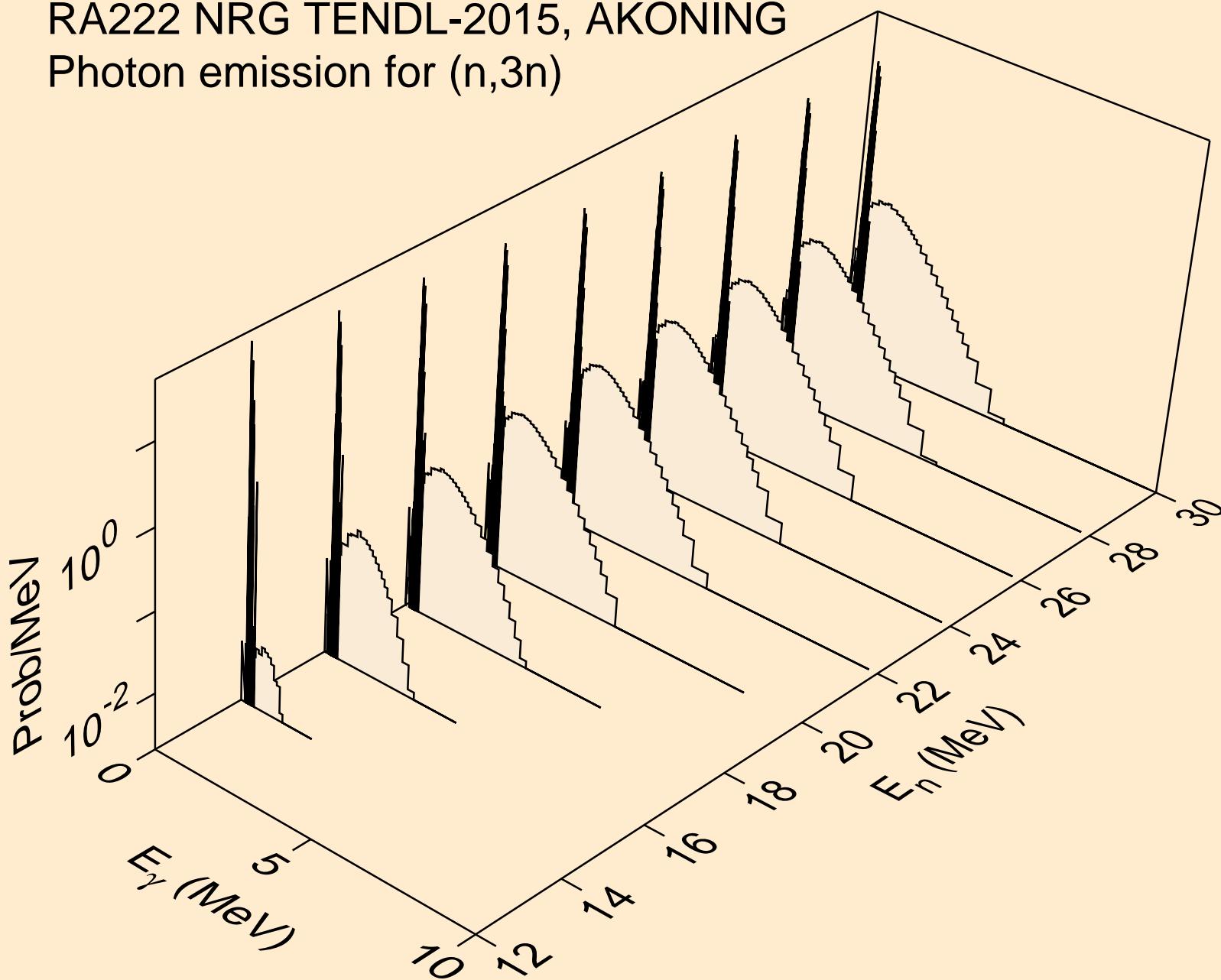
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



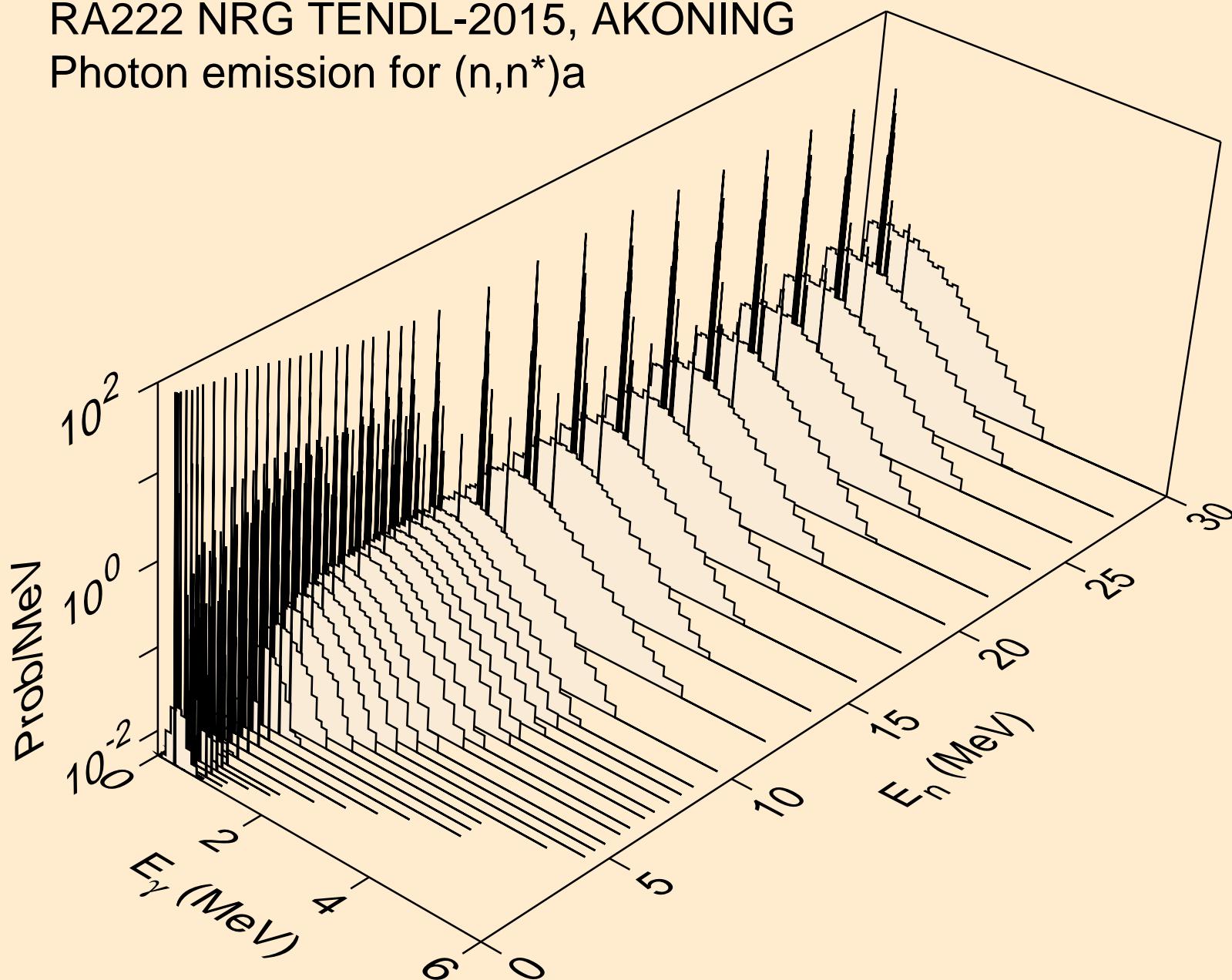
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



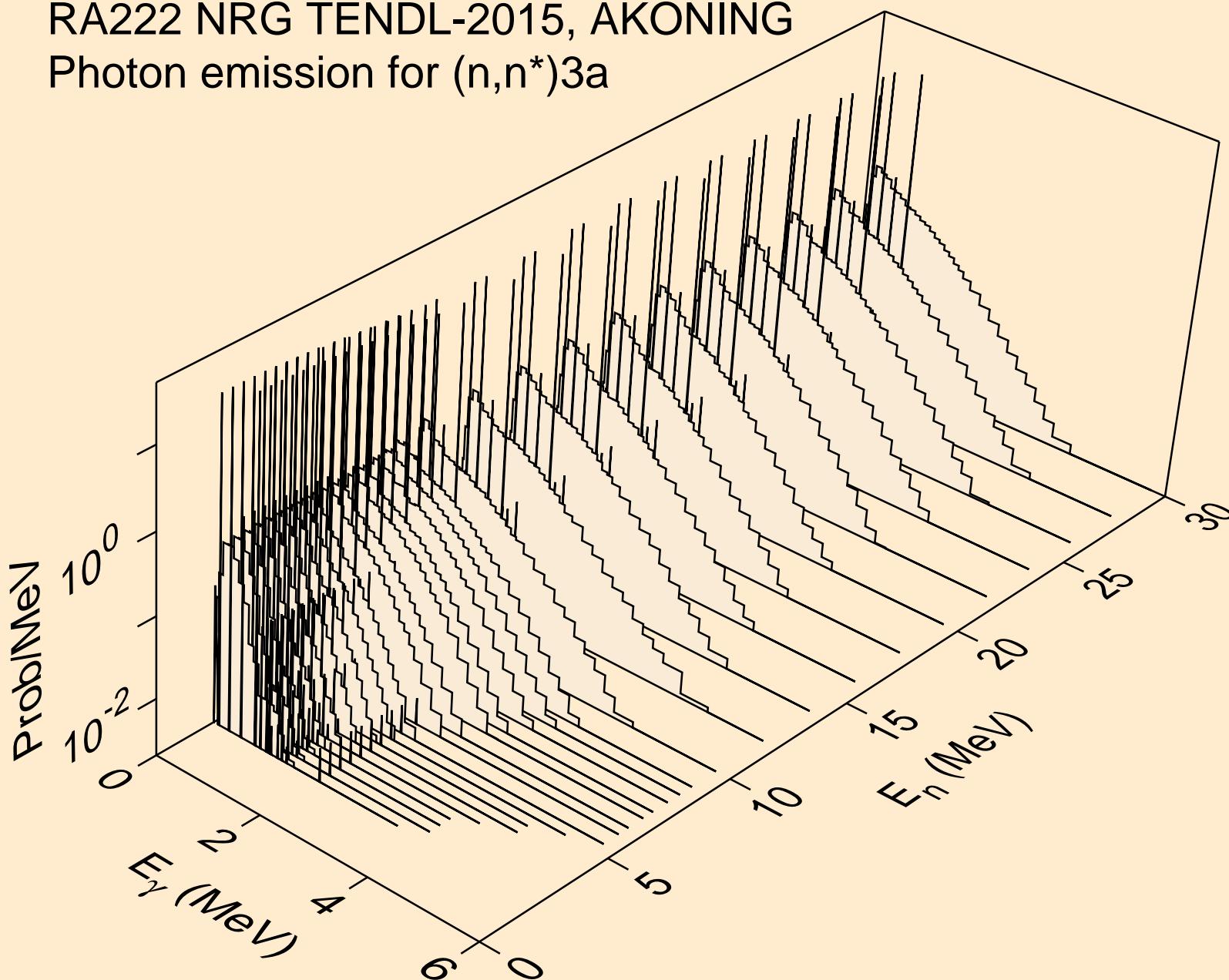
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



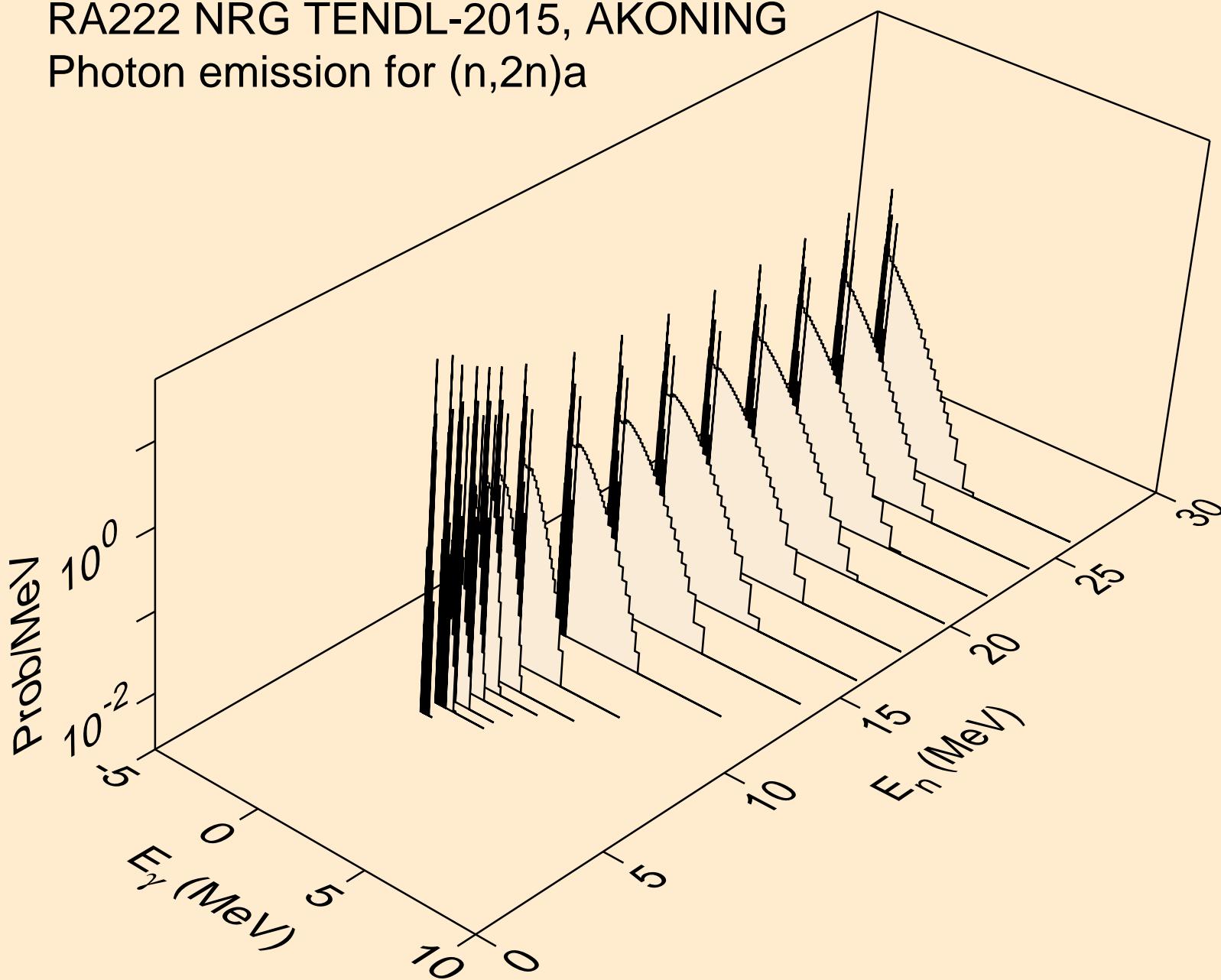
RA222 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



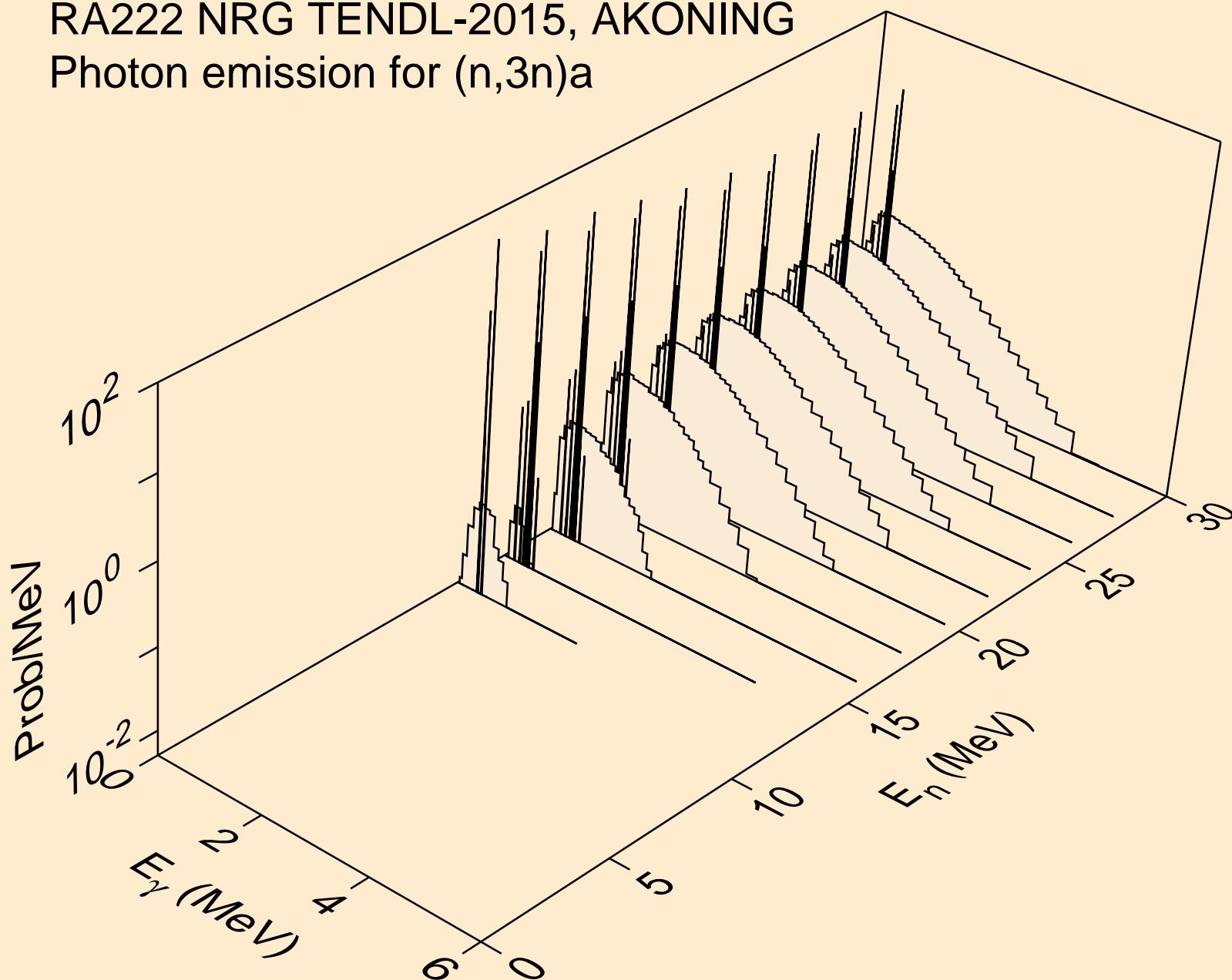
RA222 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)3a$



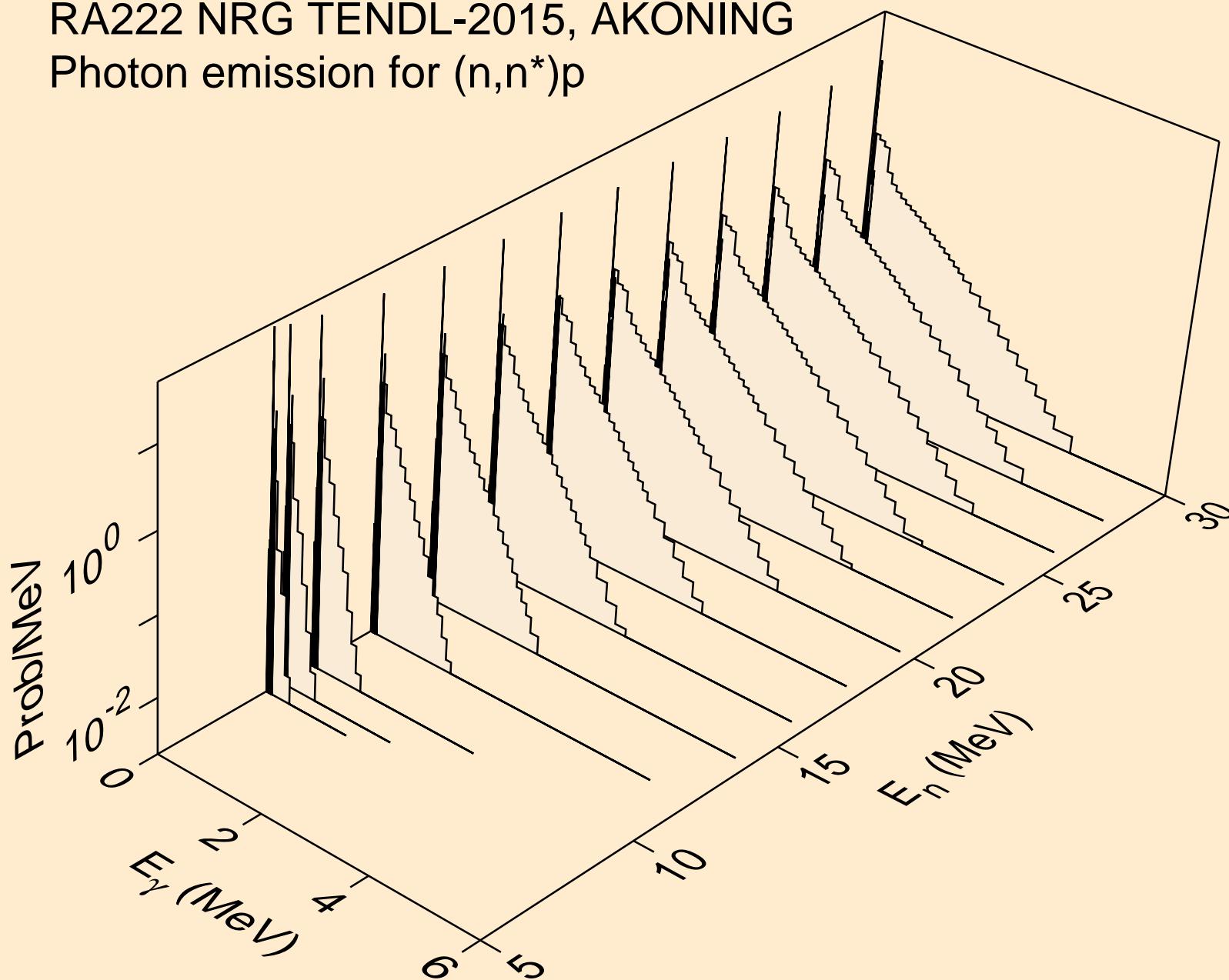
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



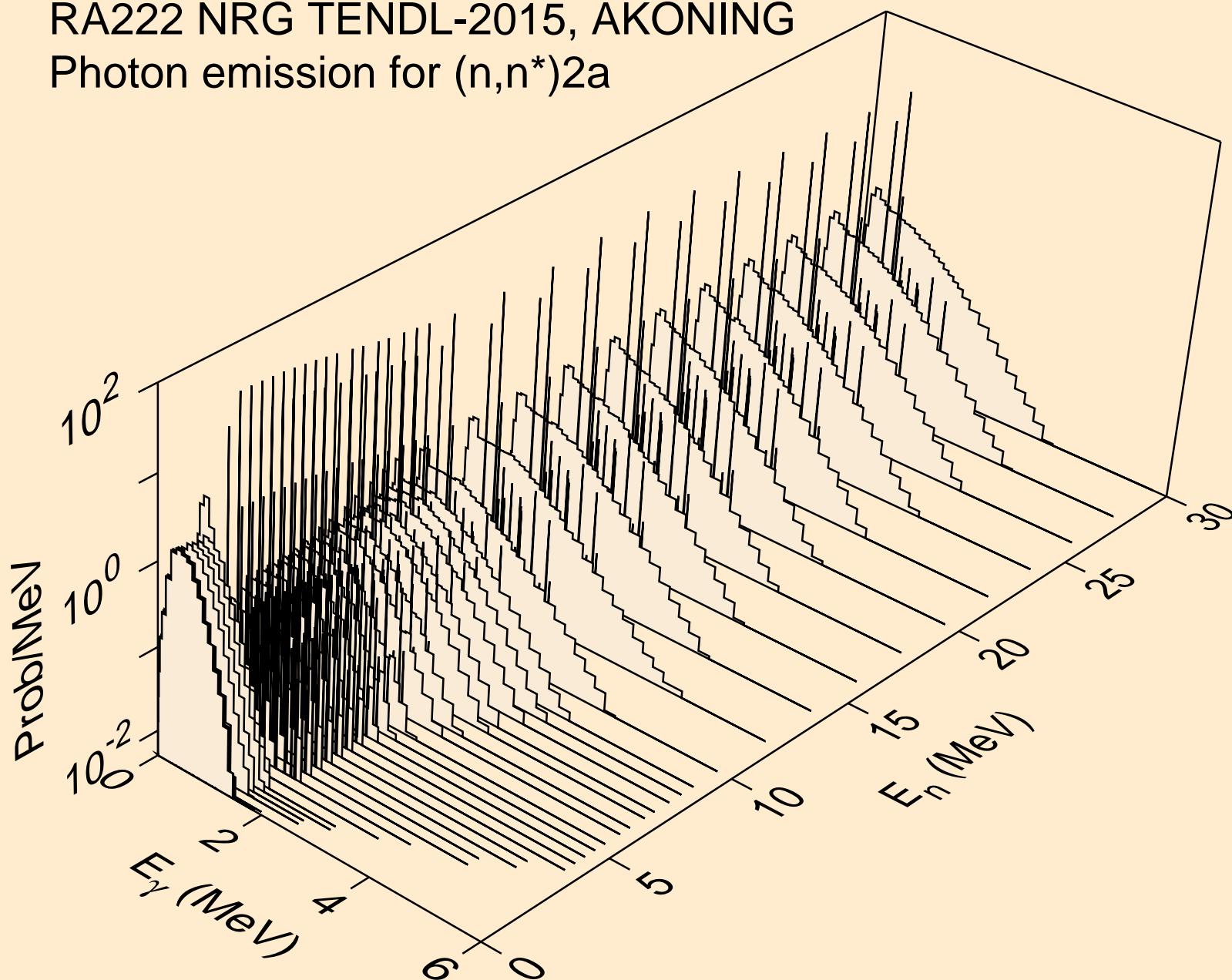
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



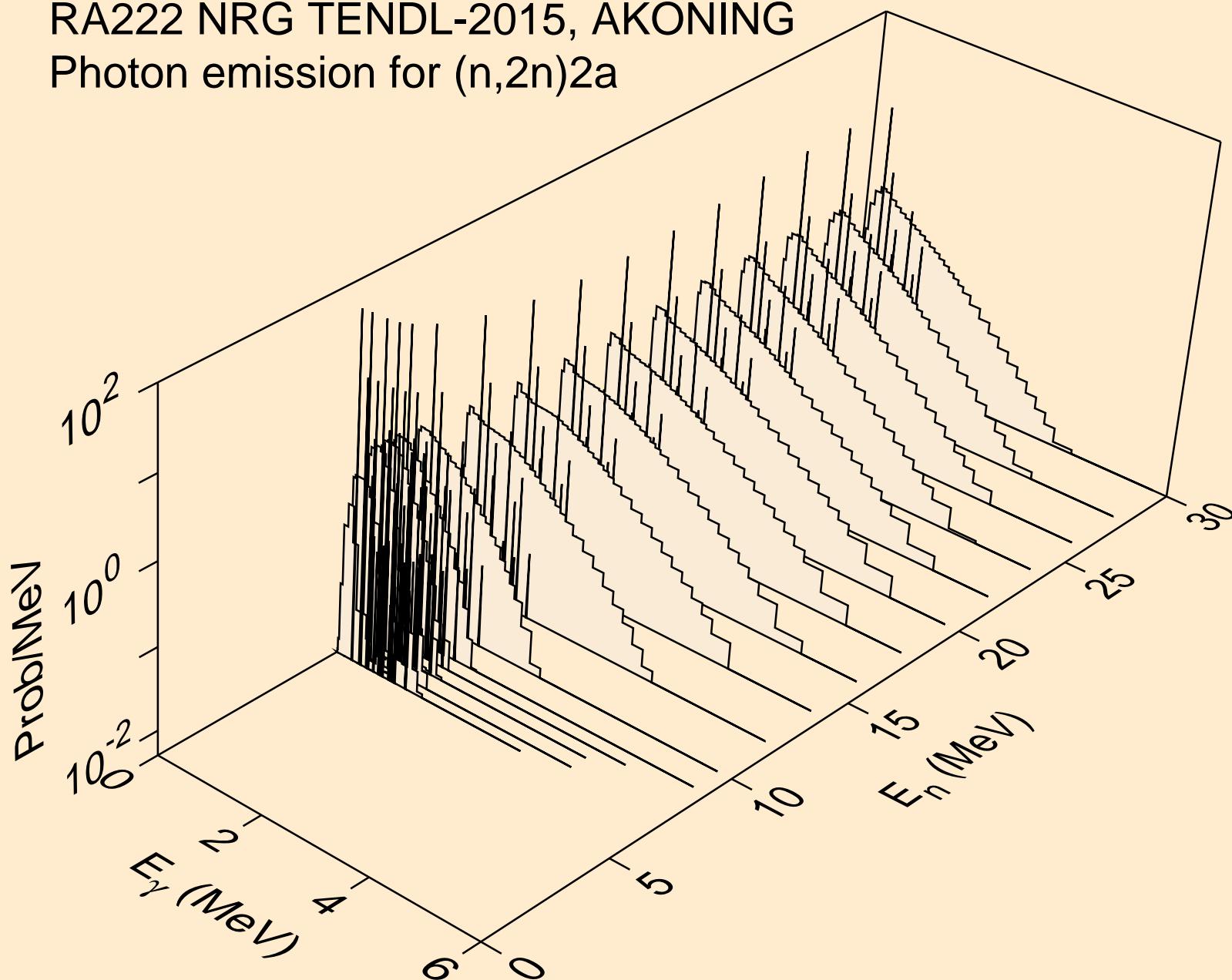
RA222 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



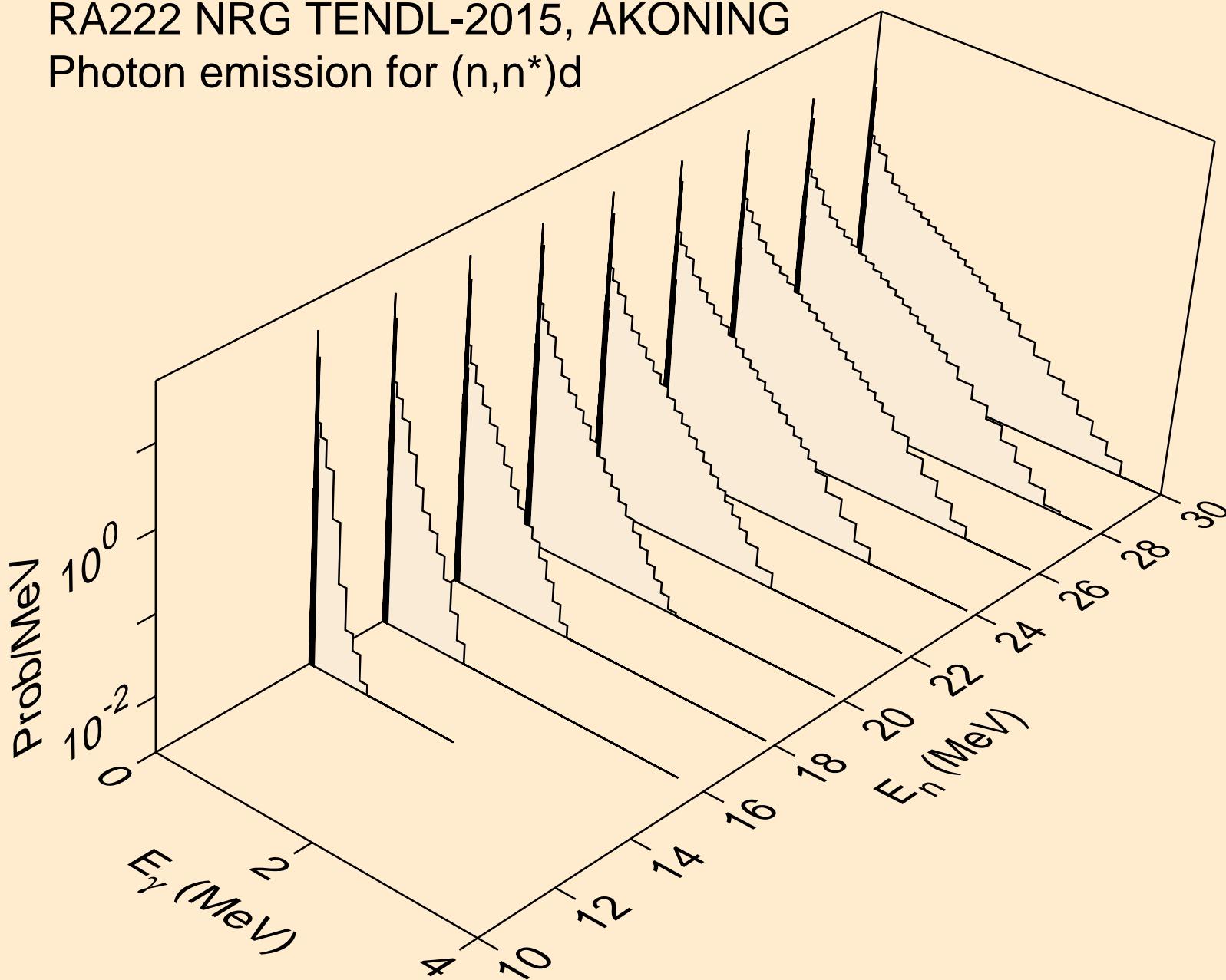
RA222 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)2a$



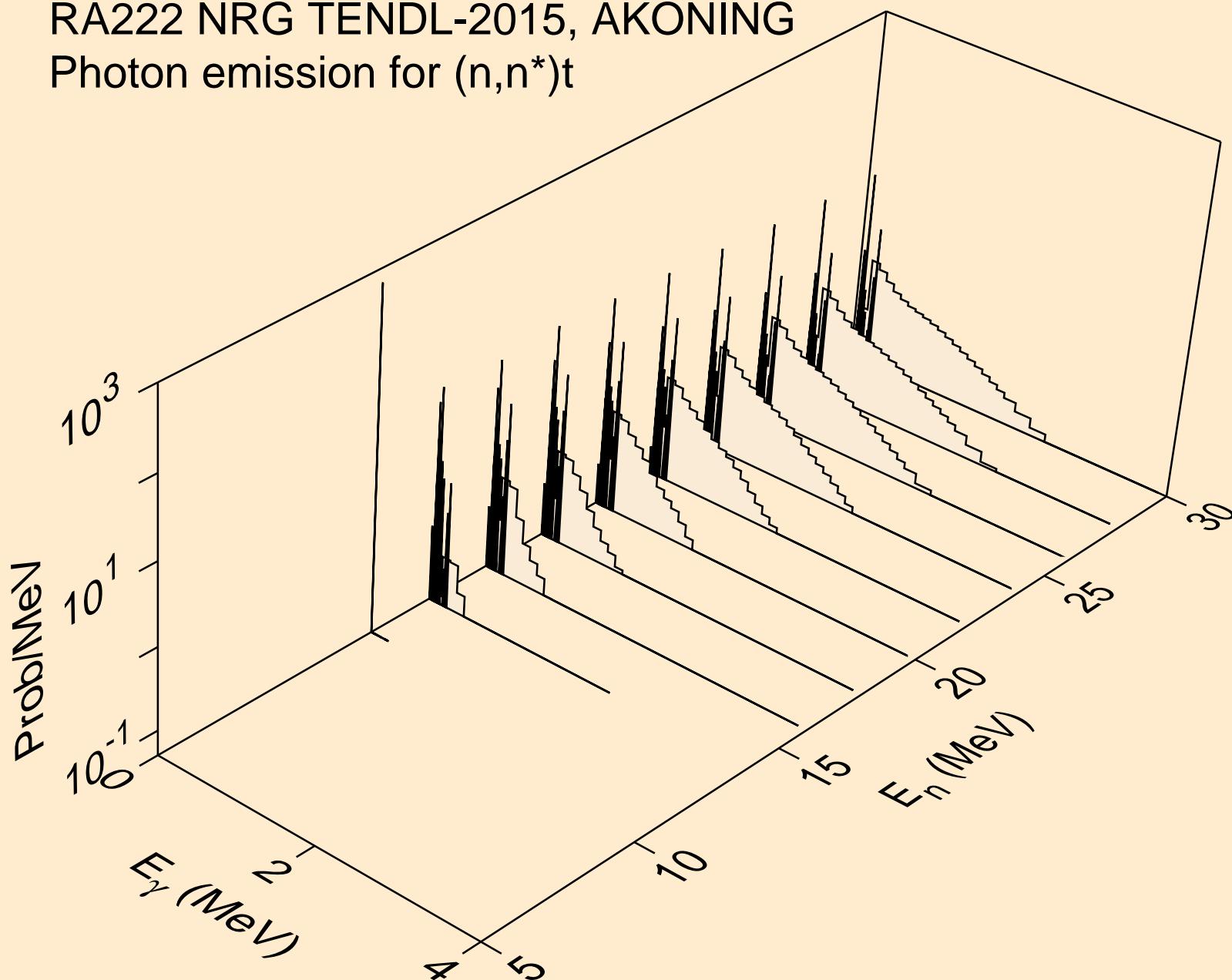
RA222 NRG TENDL-2015, AKONING  
Photon emission for  $(n,2n)2a$



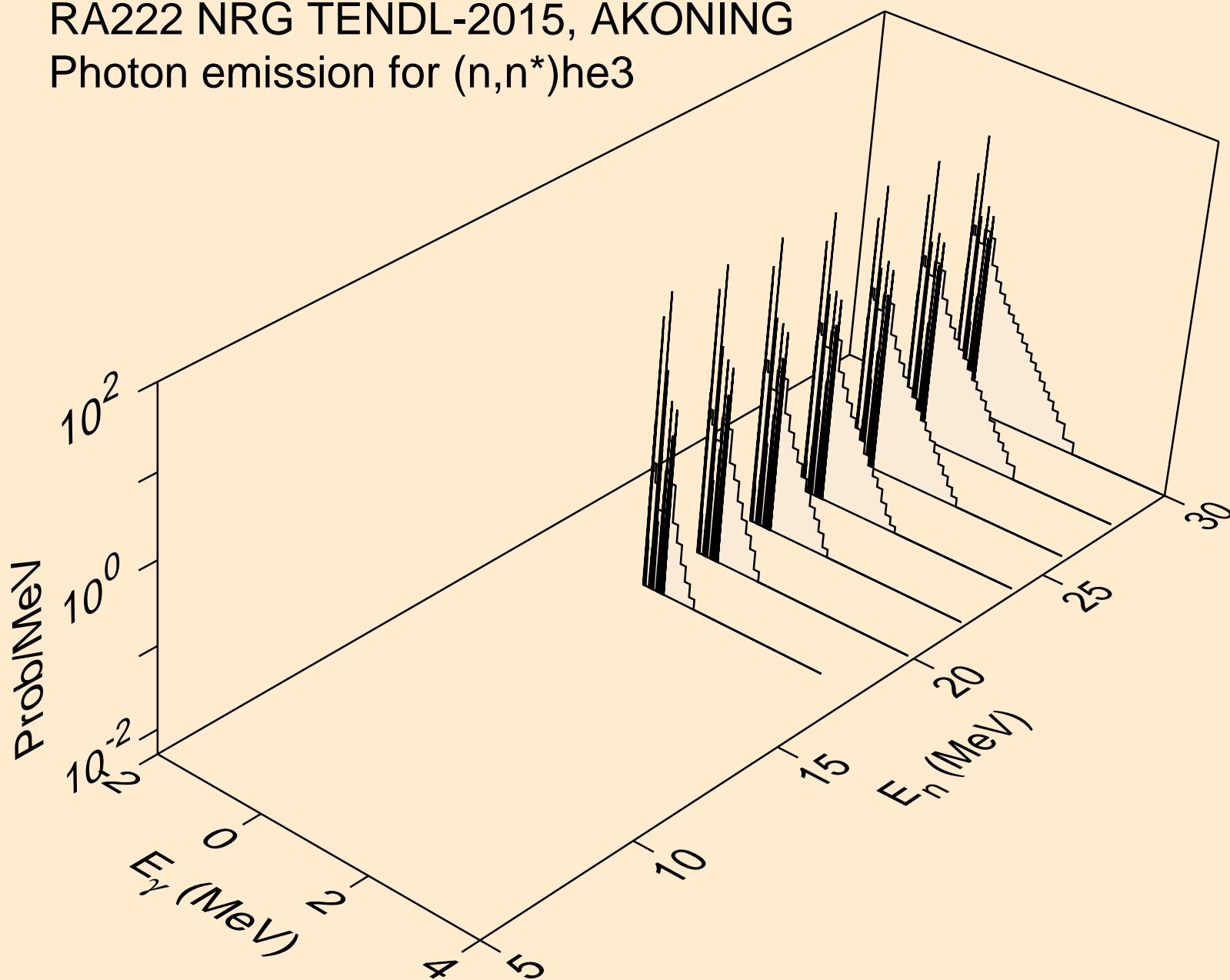
RA222 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



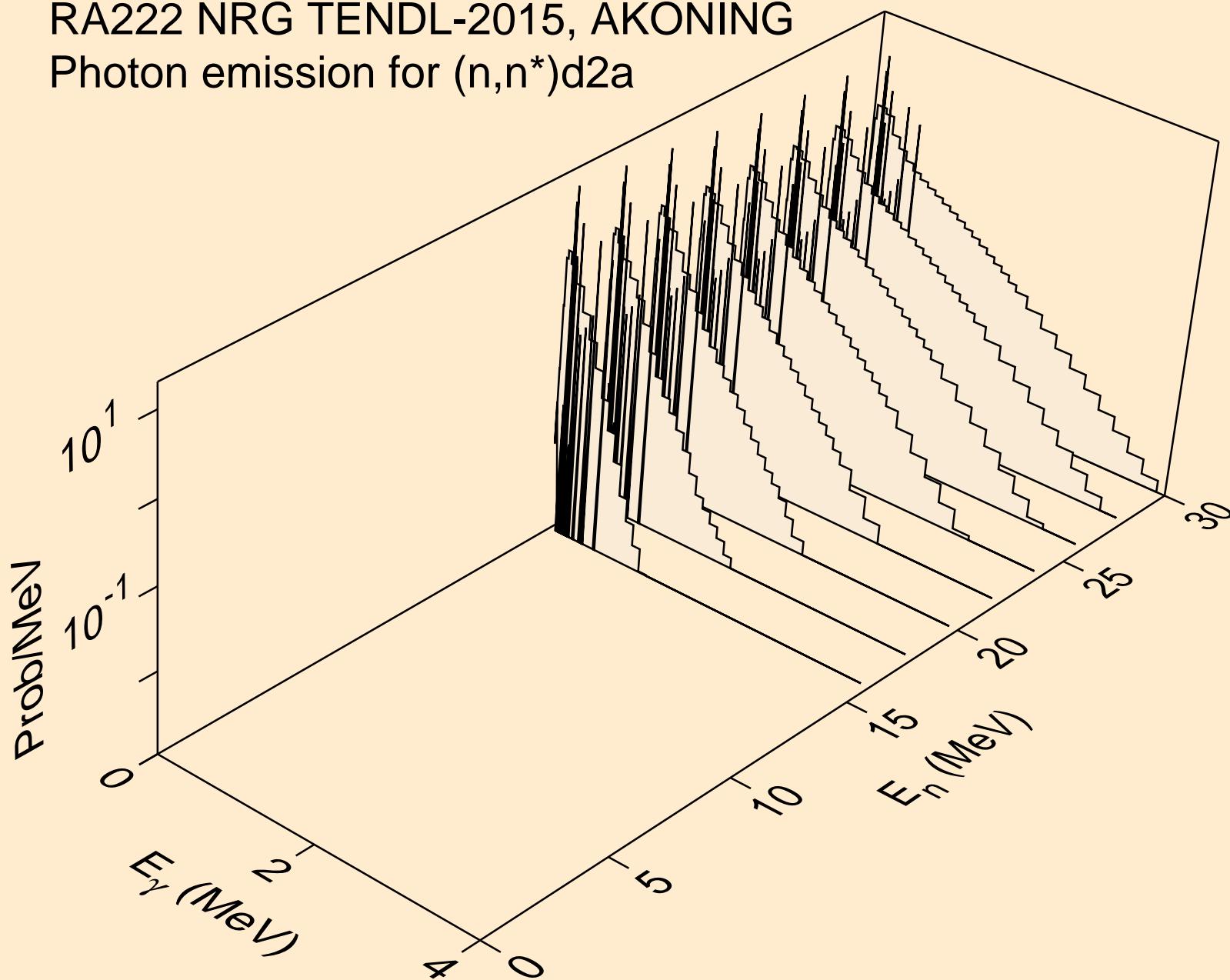
RA222 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



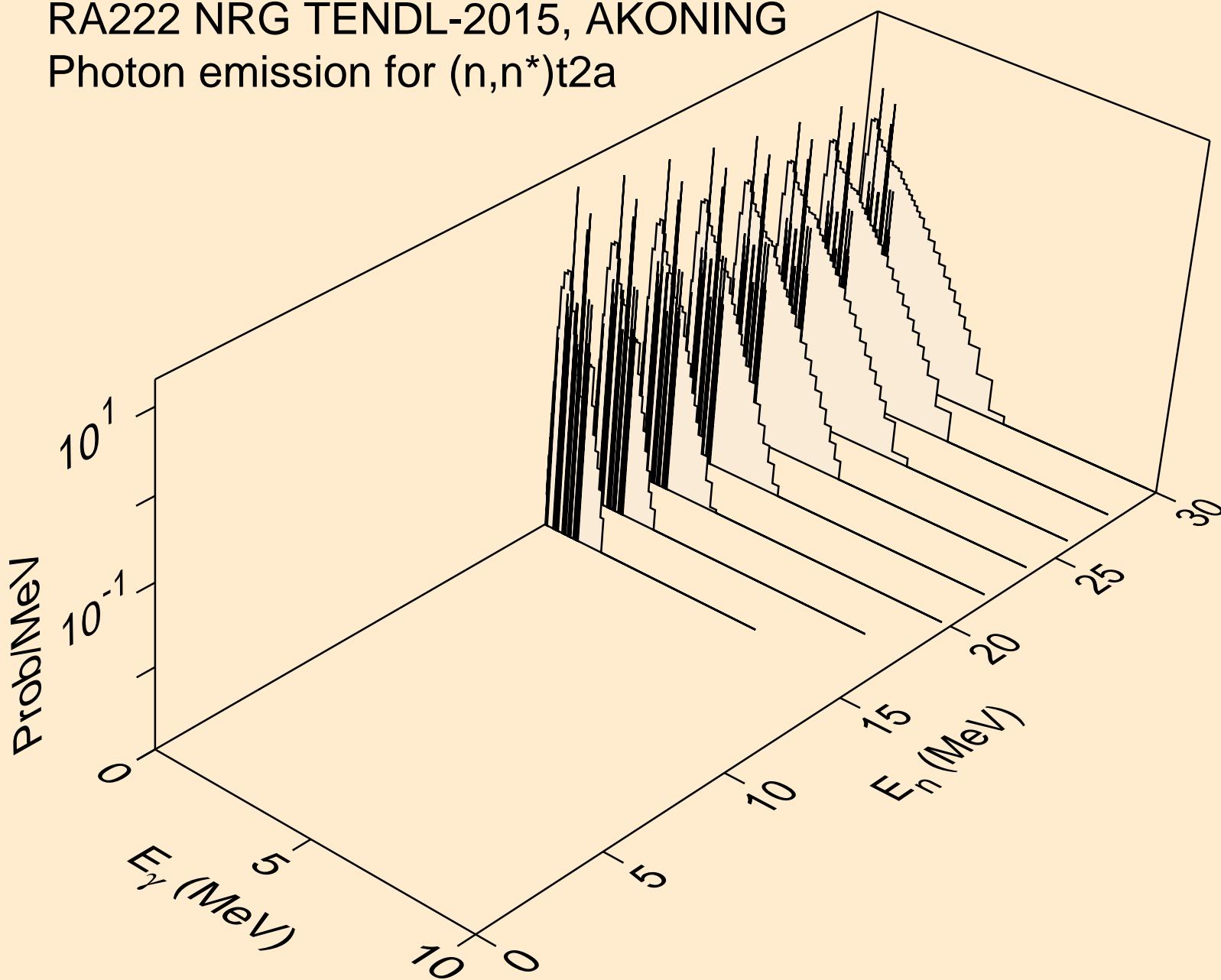
RA222 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



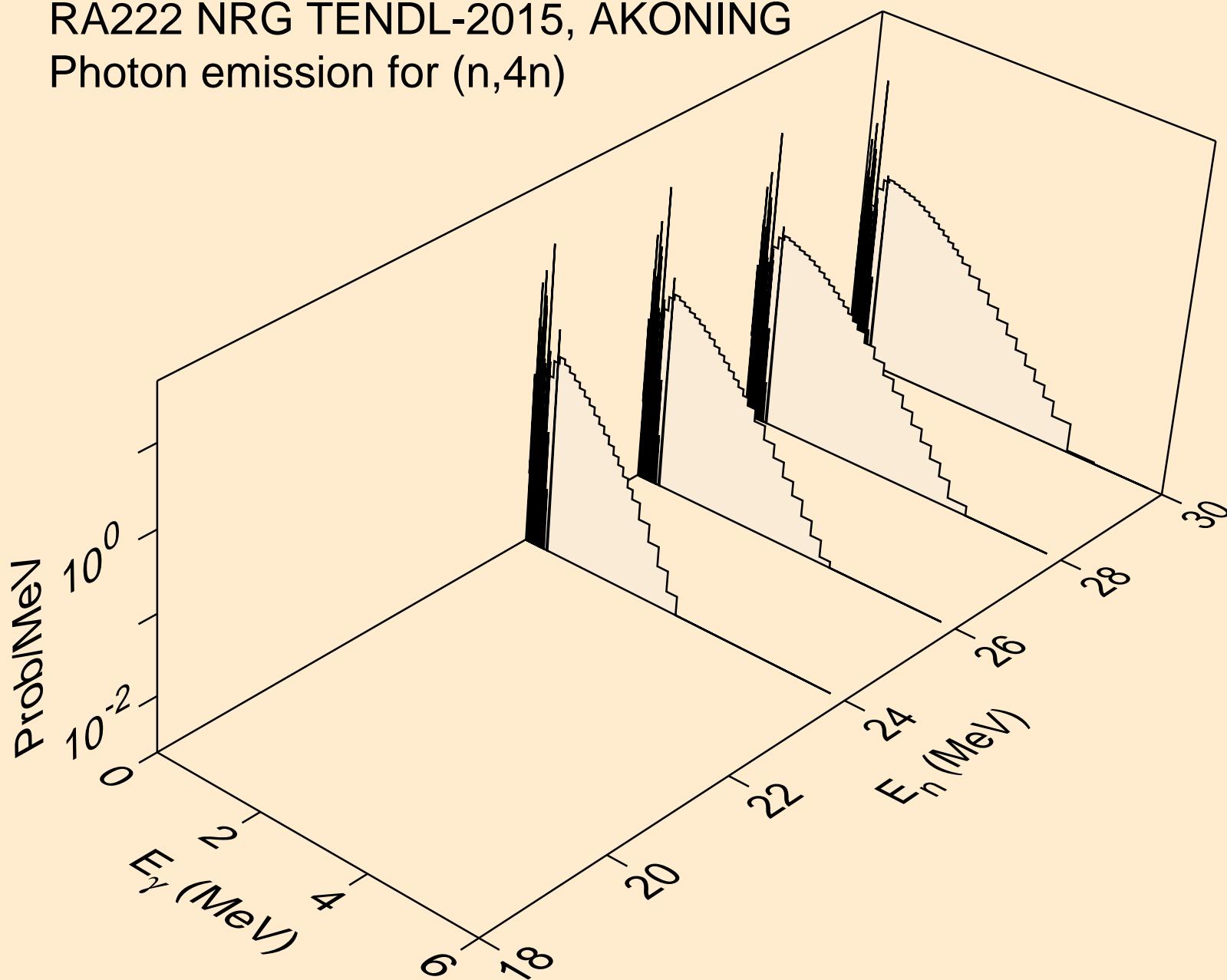
RA222 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d2a$



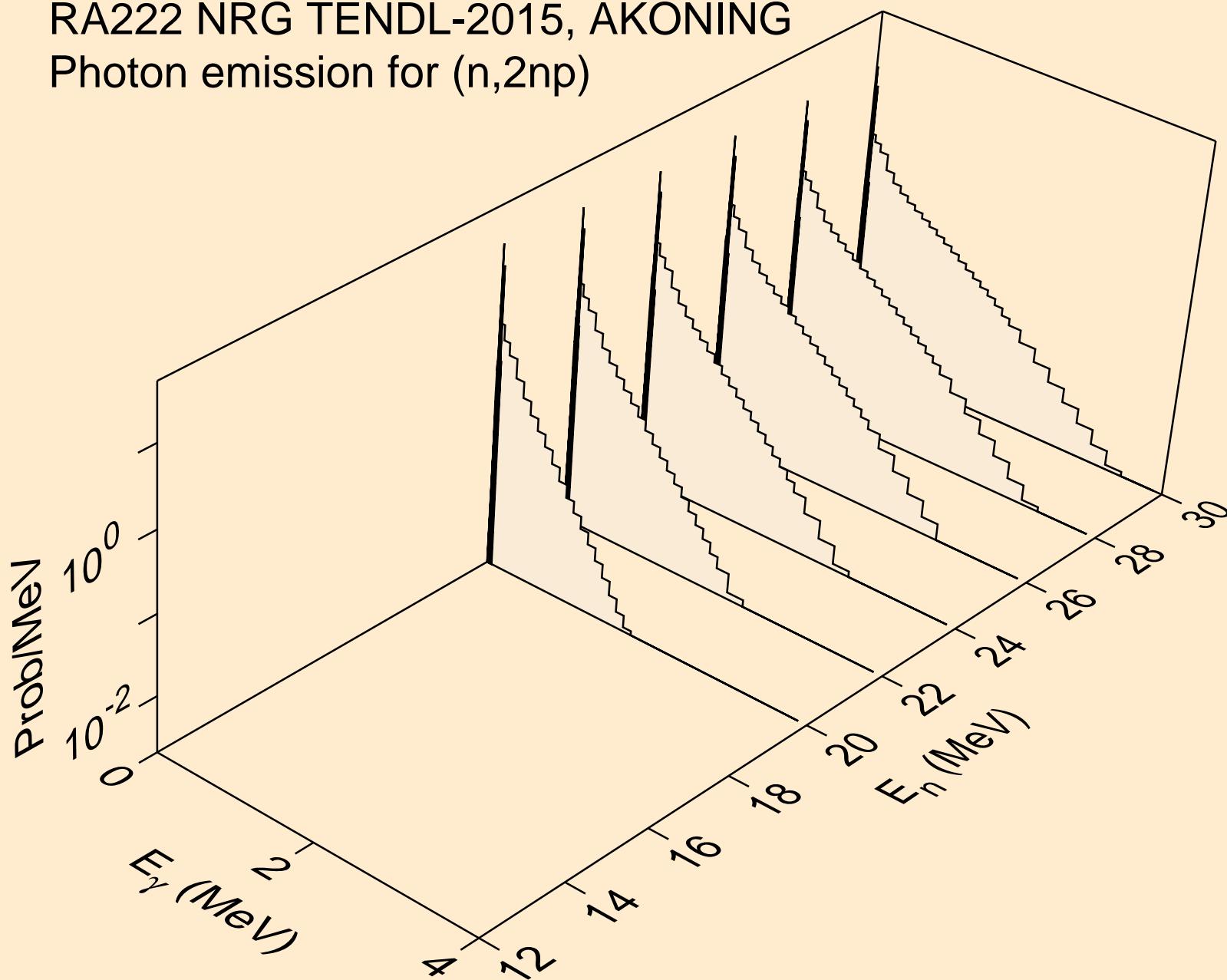
RA222 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t2a$



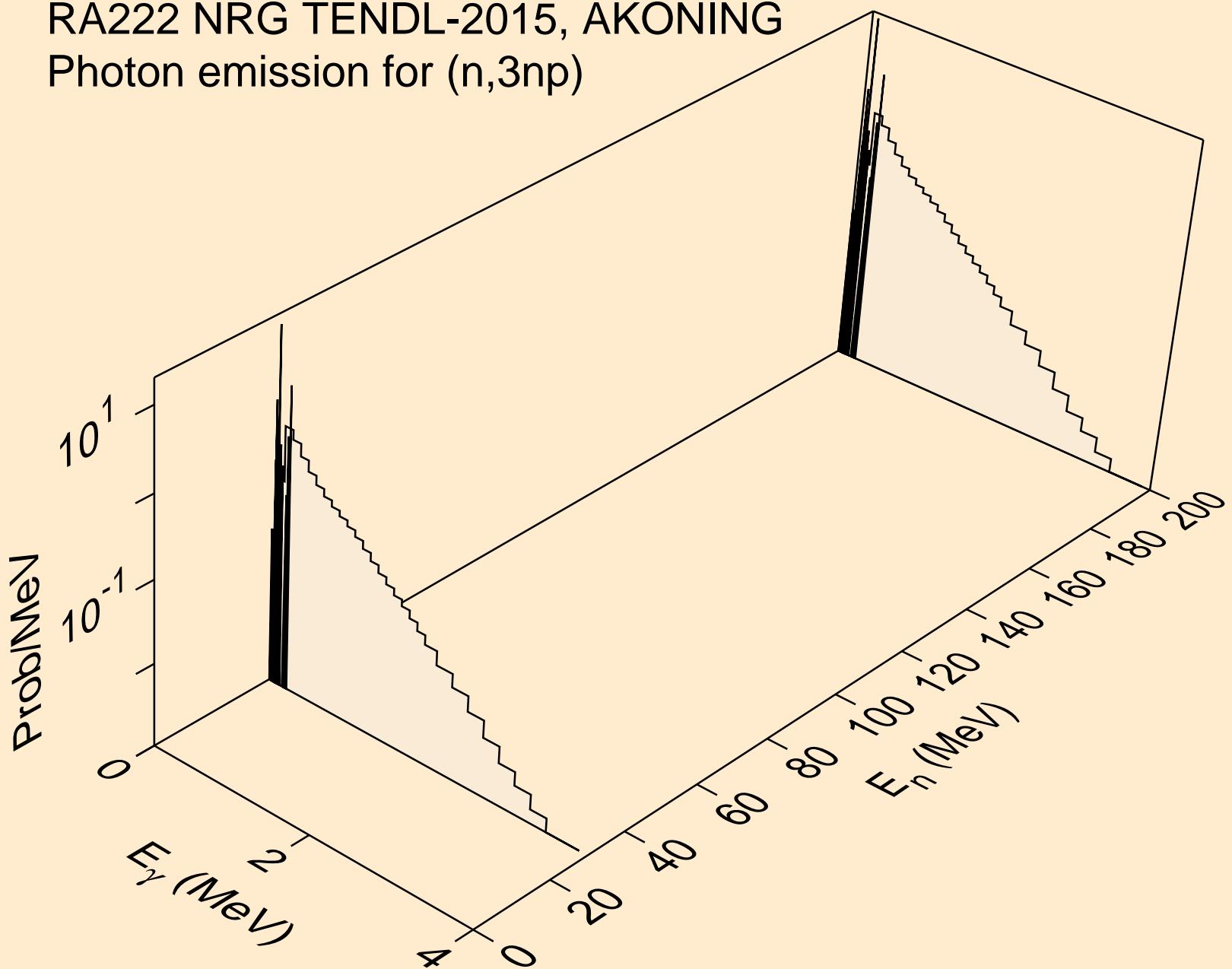
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



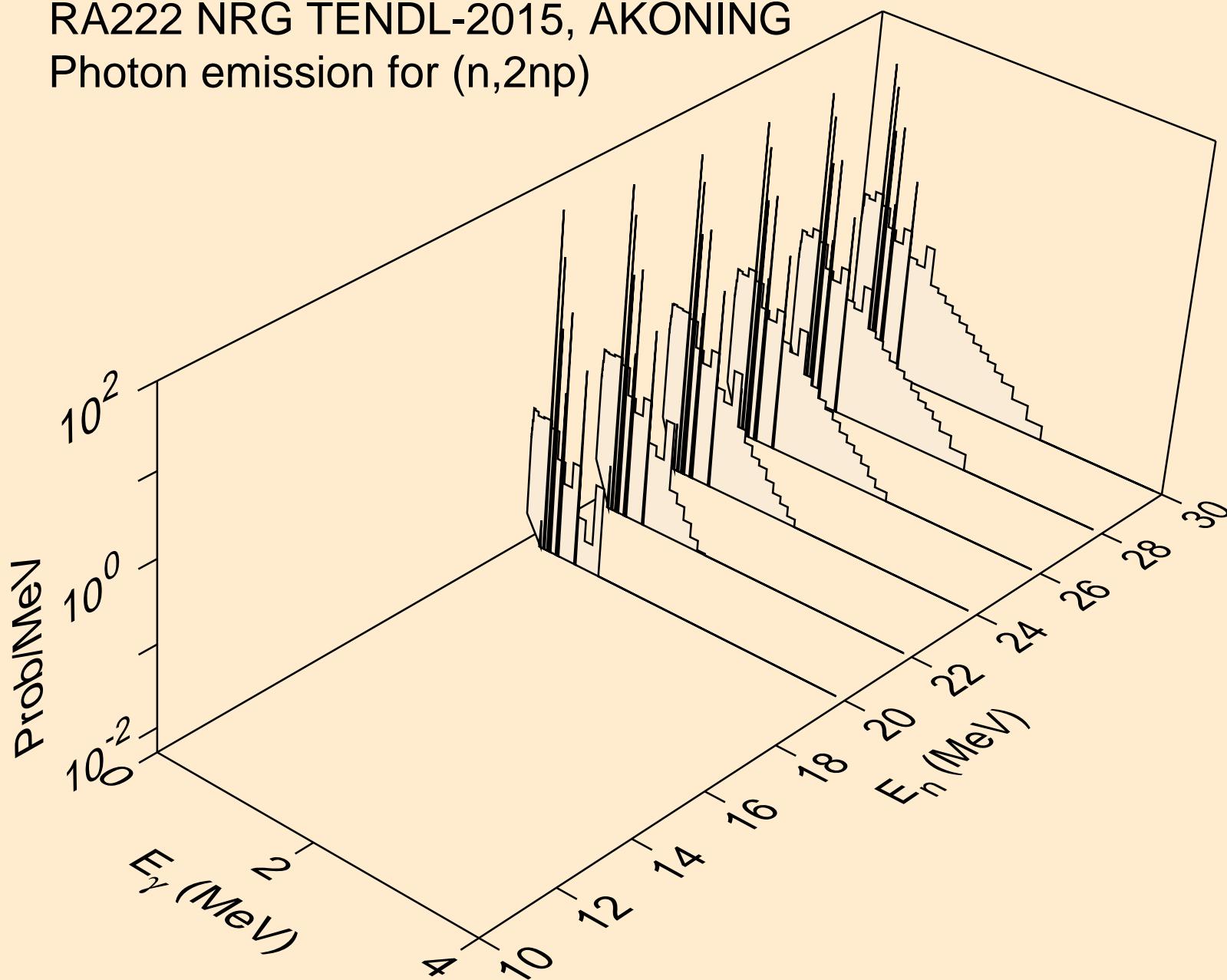
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



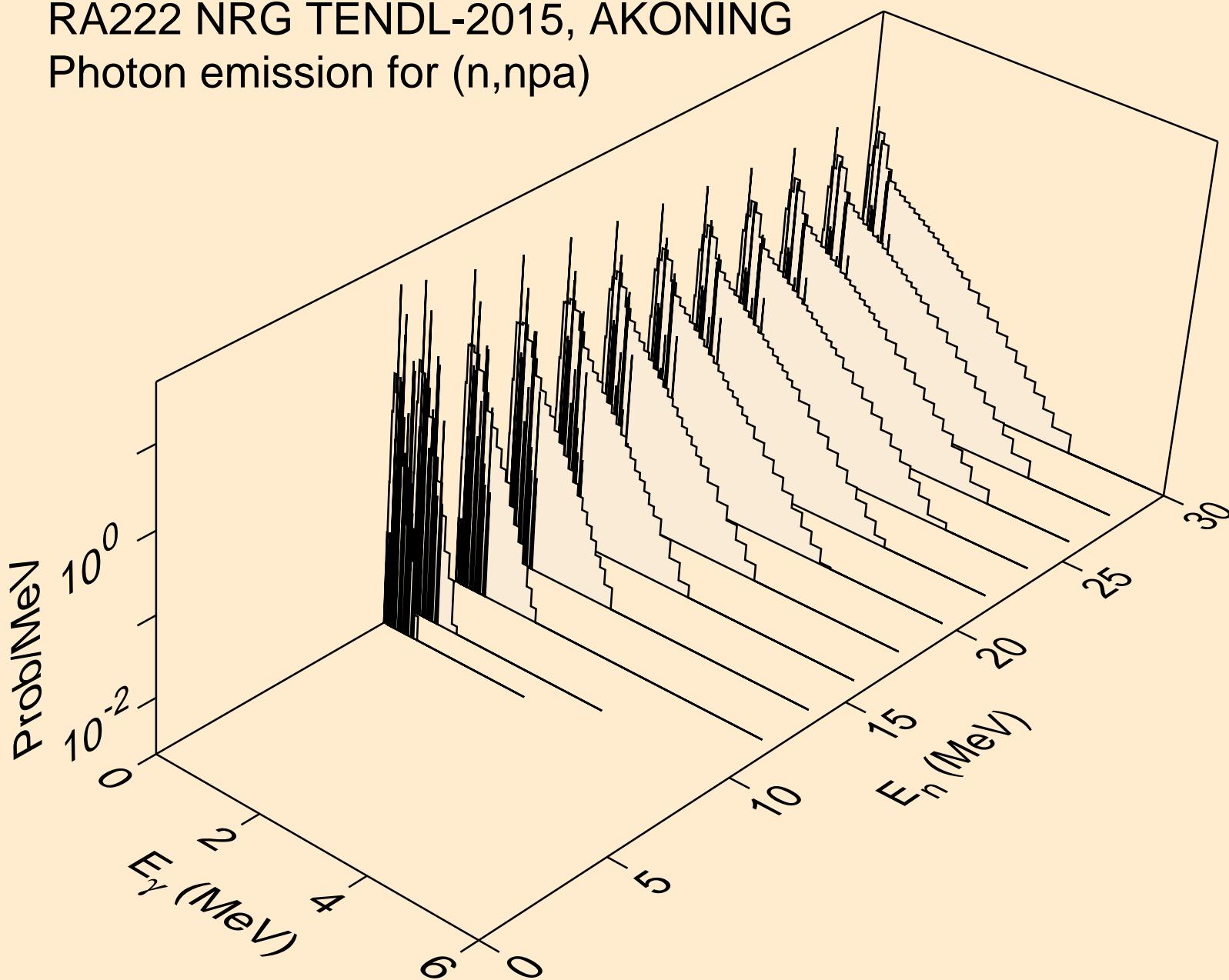
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Photon emission for (n,3np)



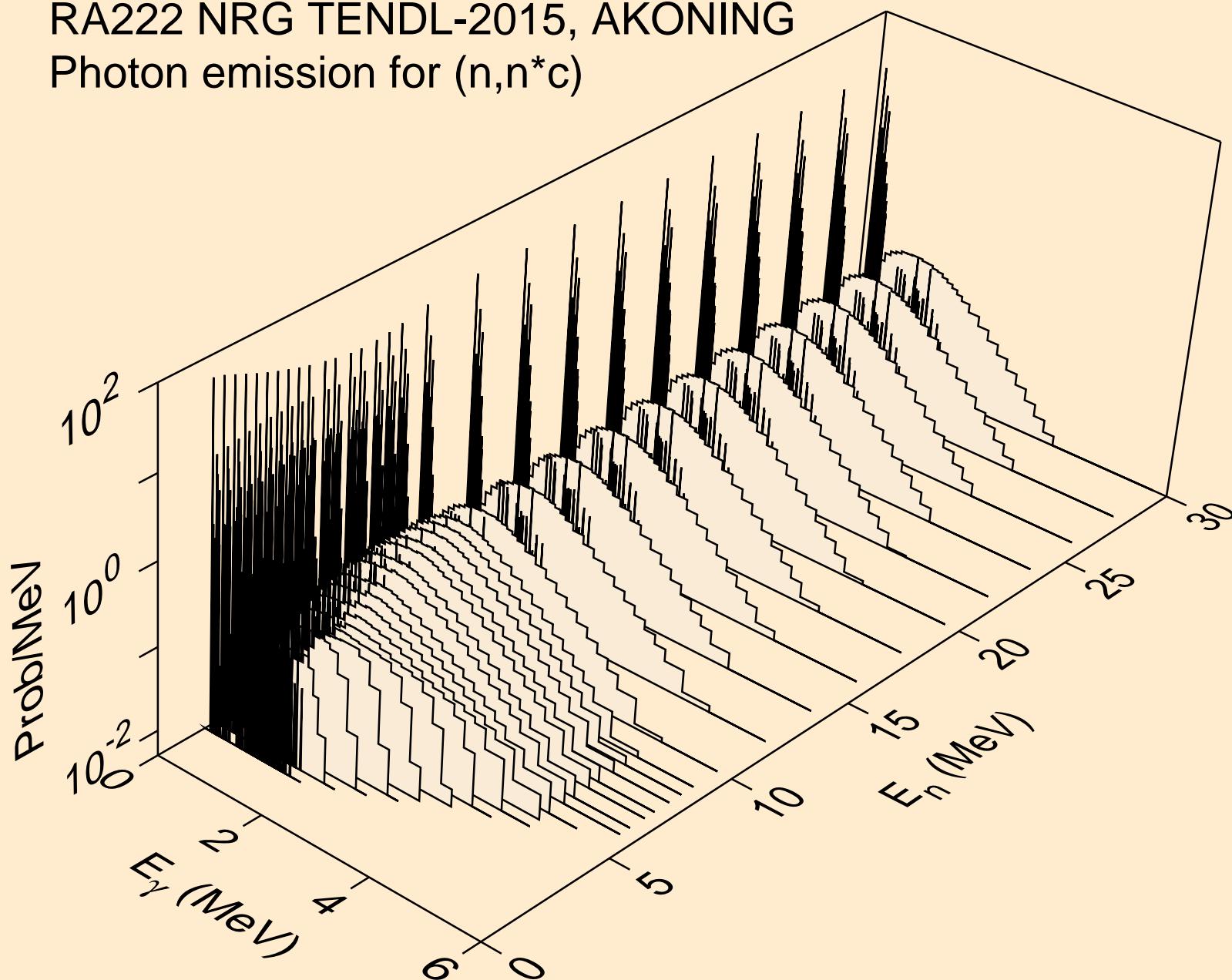
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



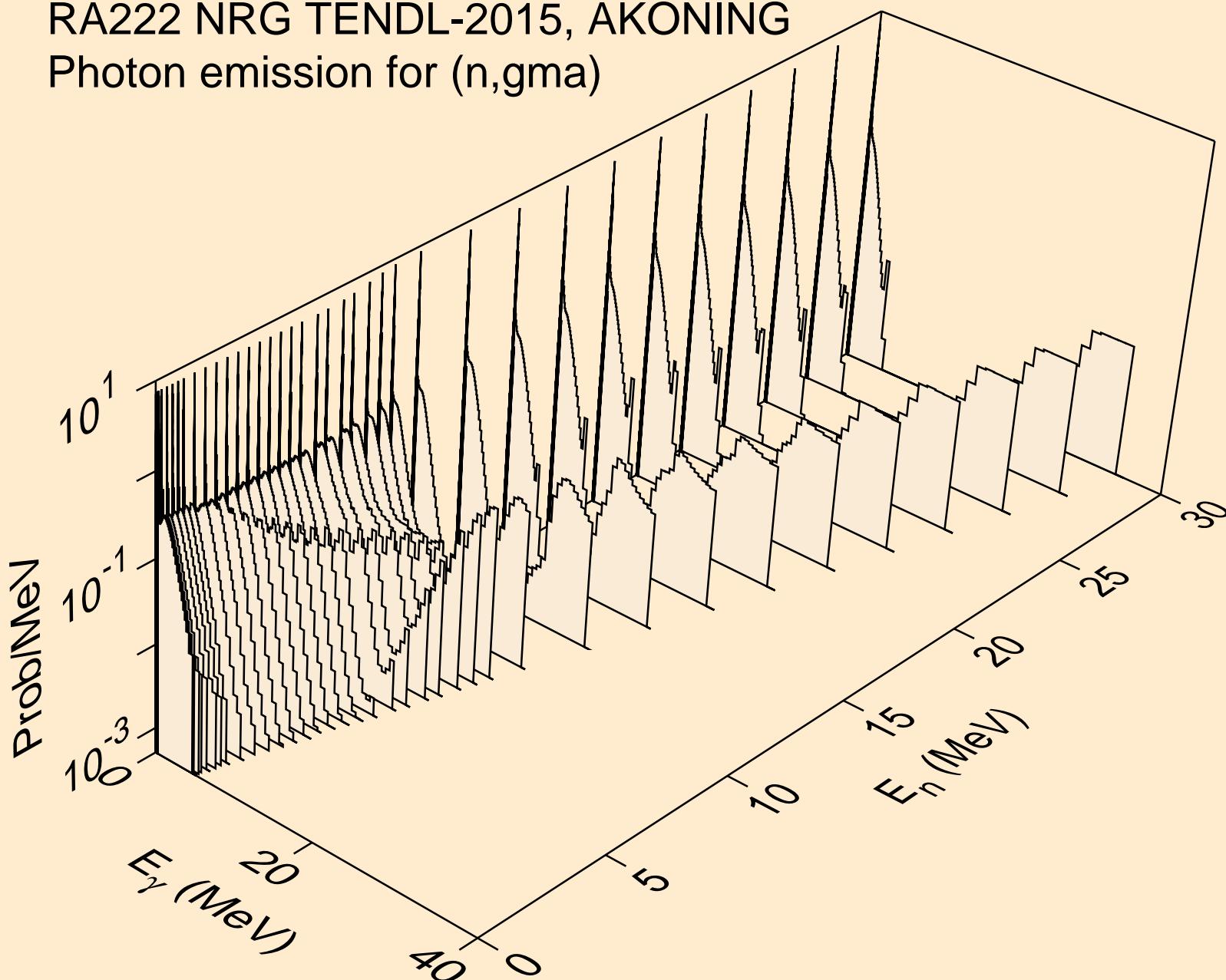
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



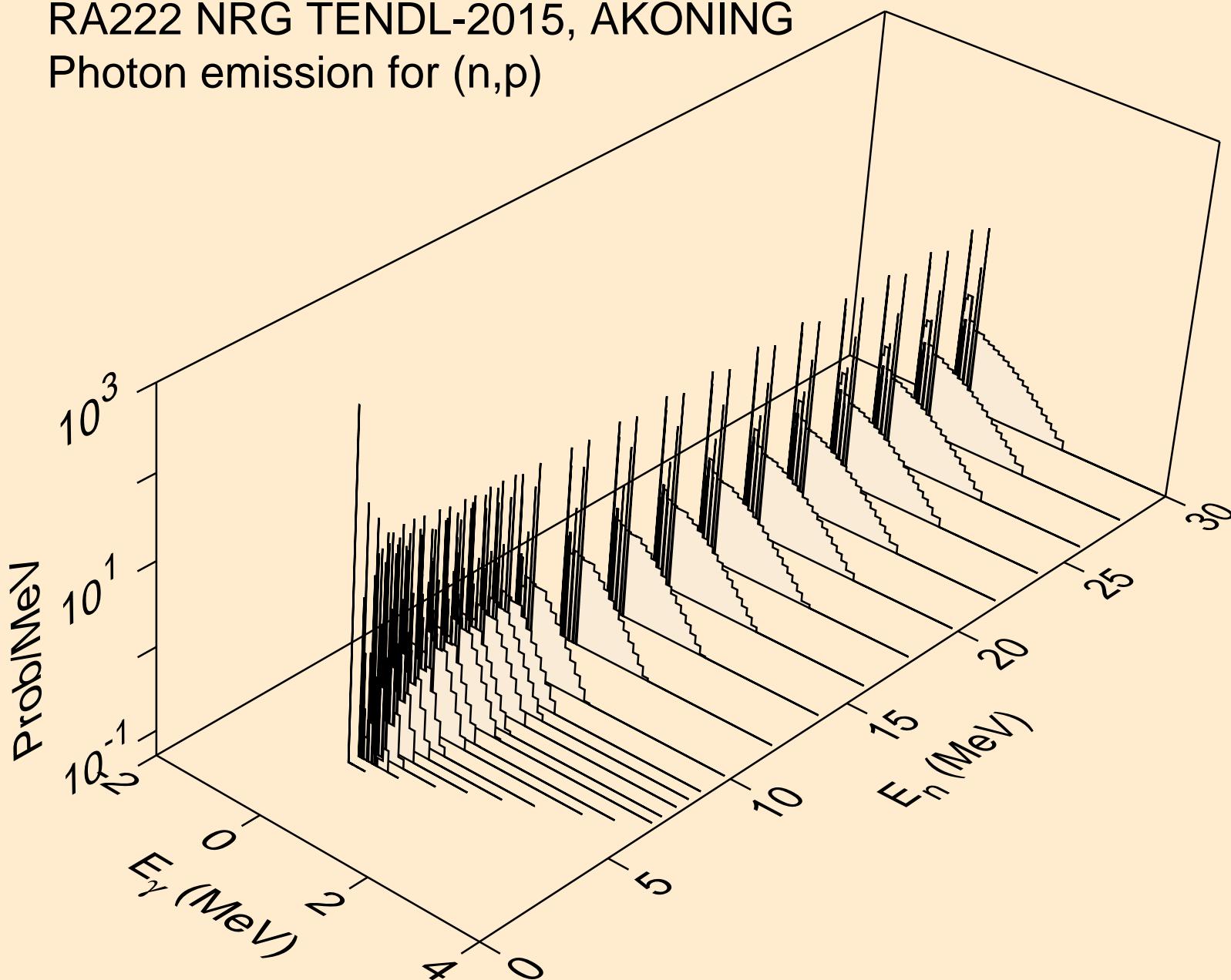
RA222 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*c)$



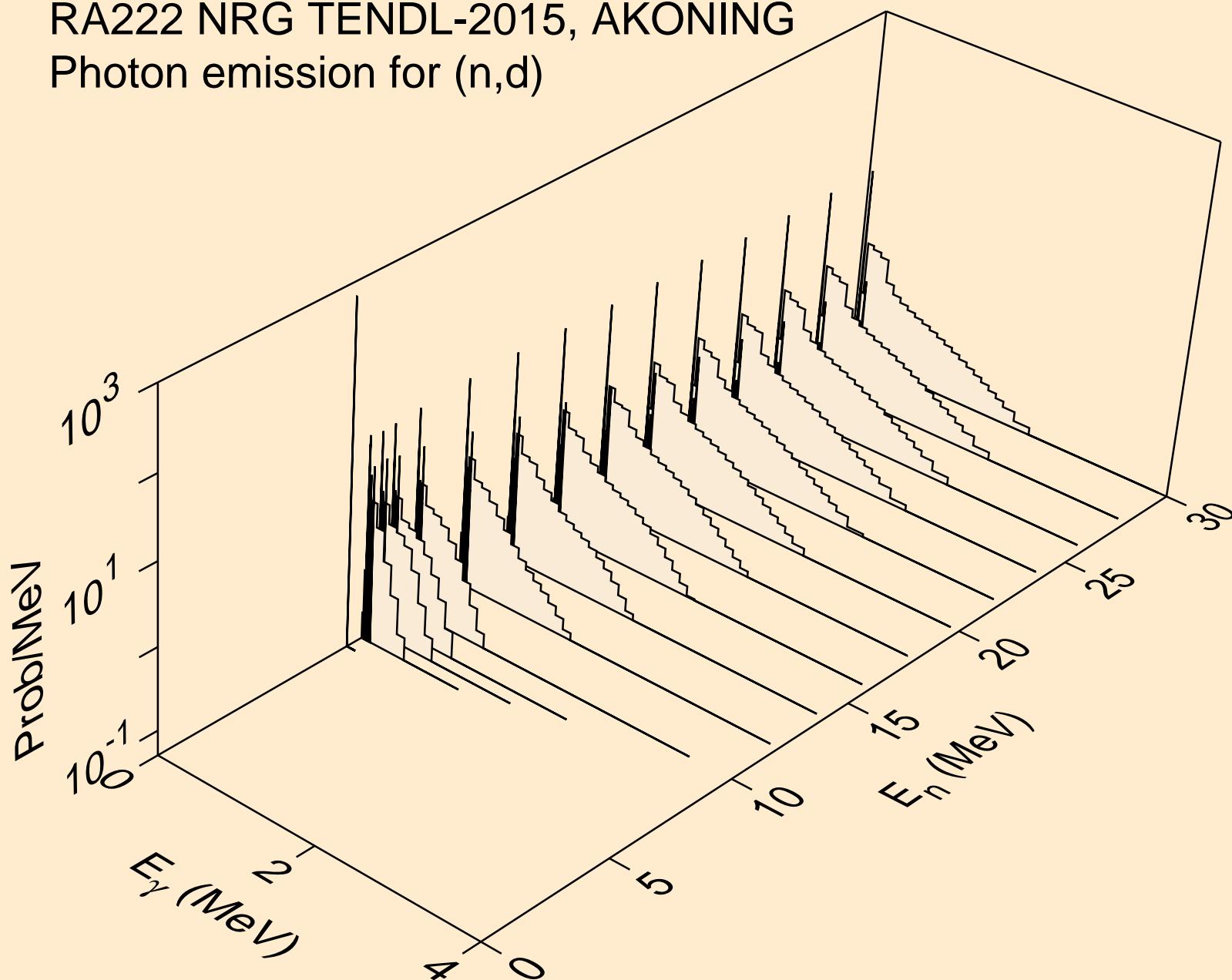
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



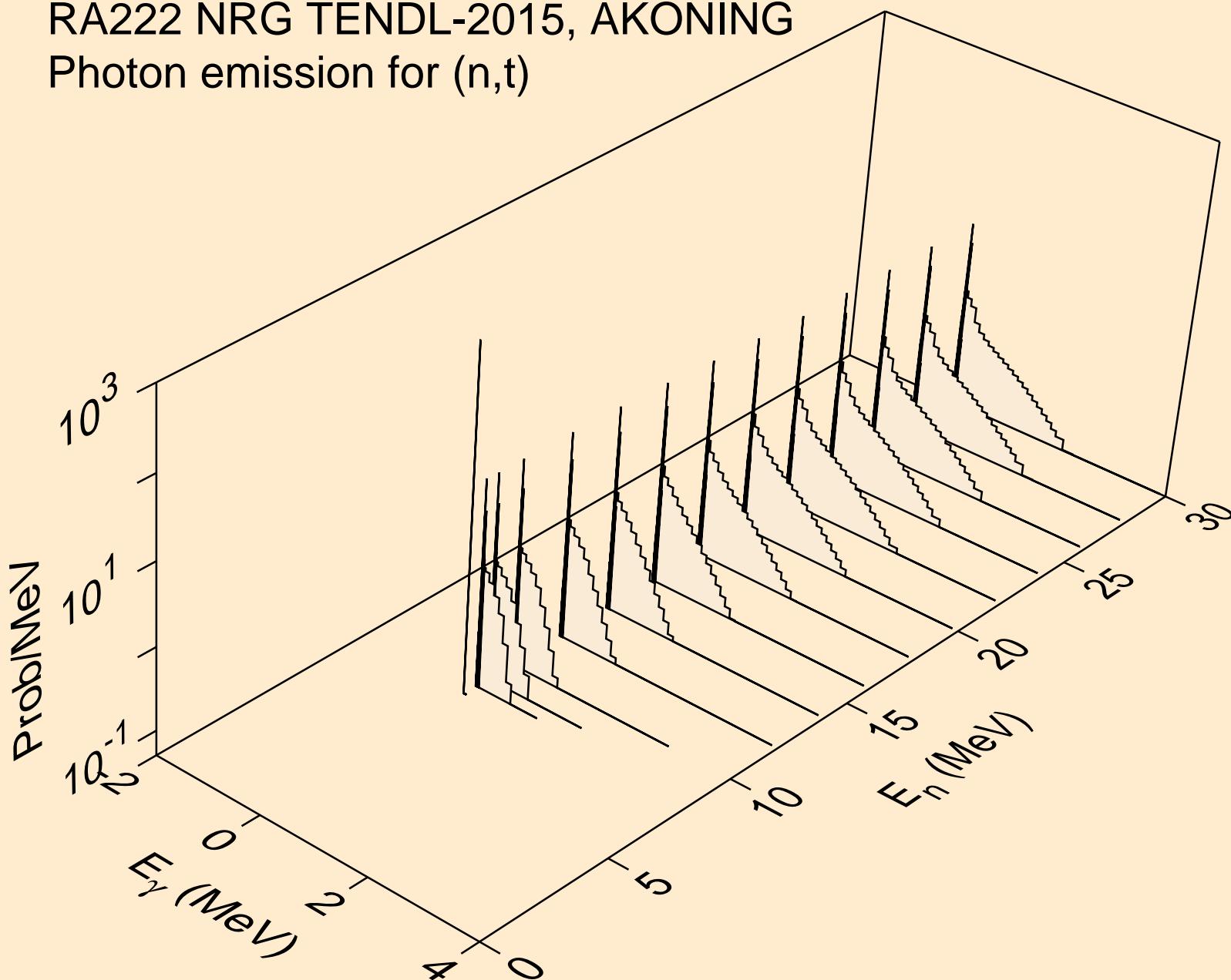
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



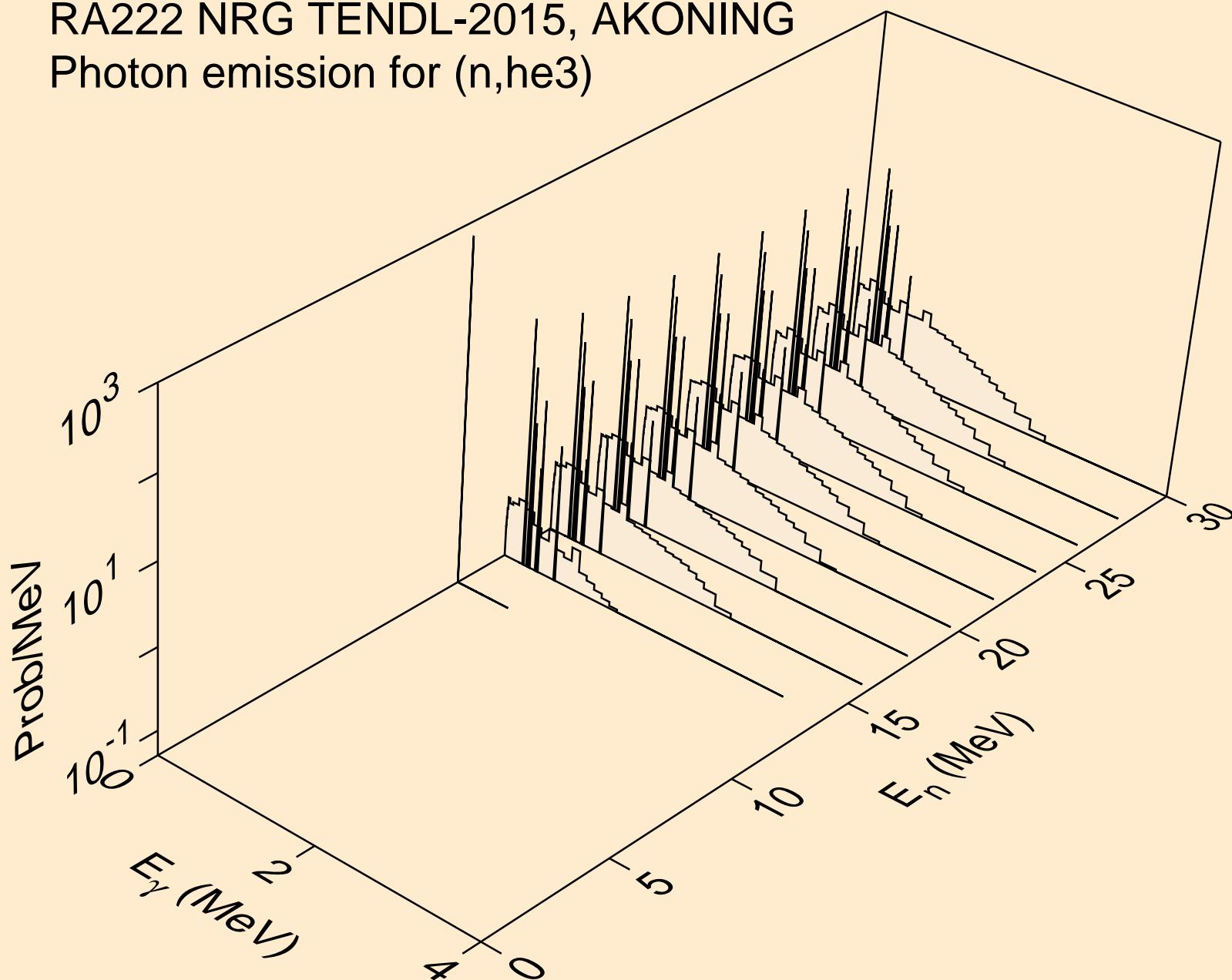
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



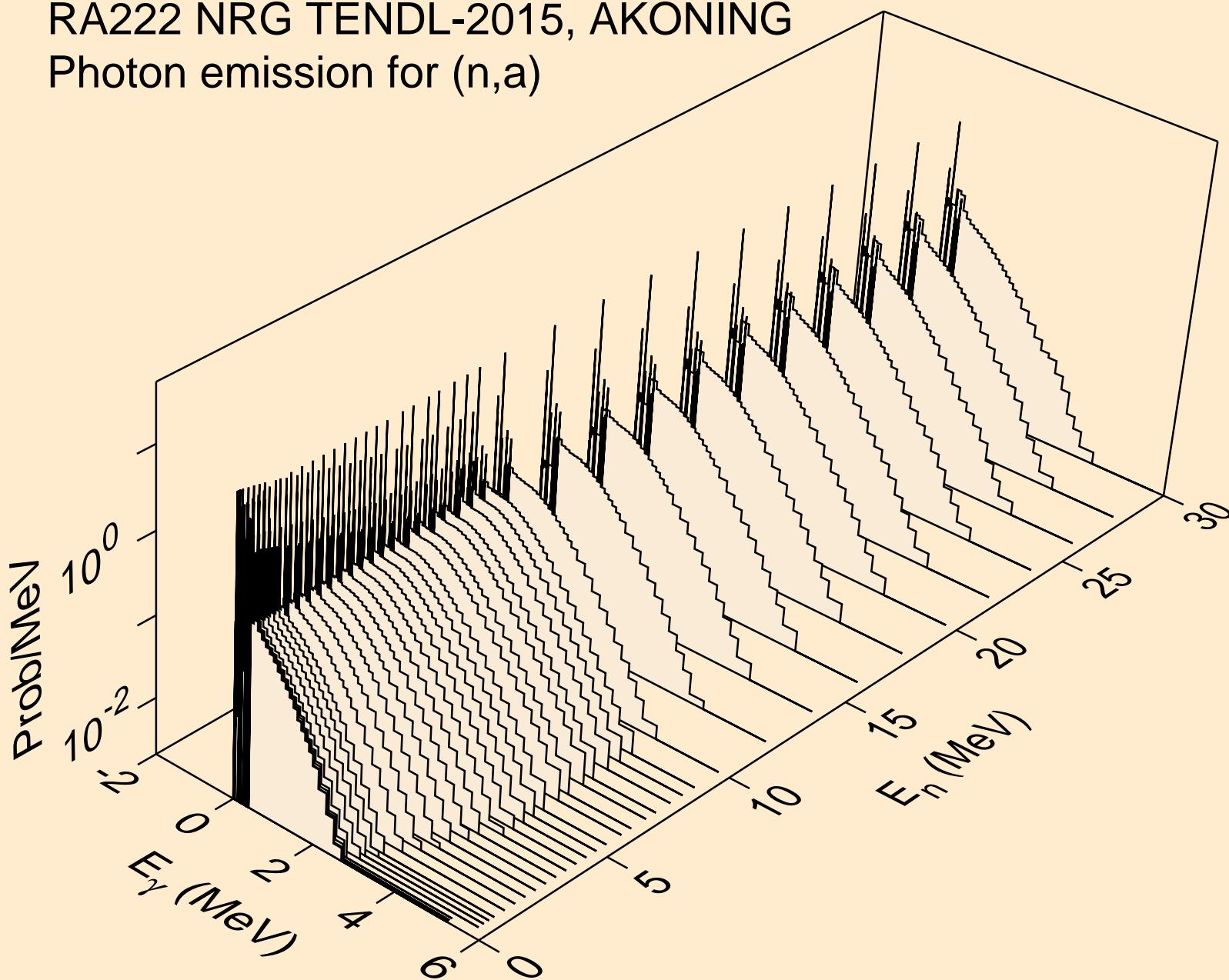
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



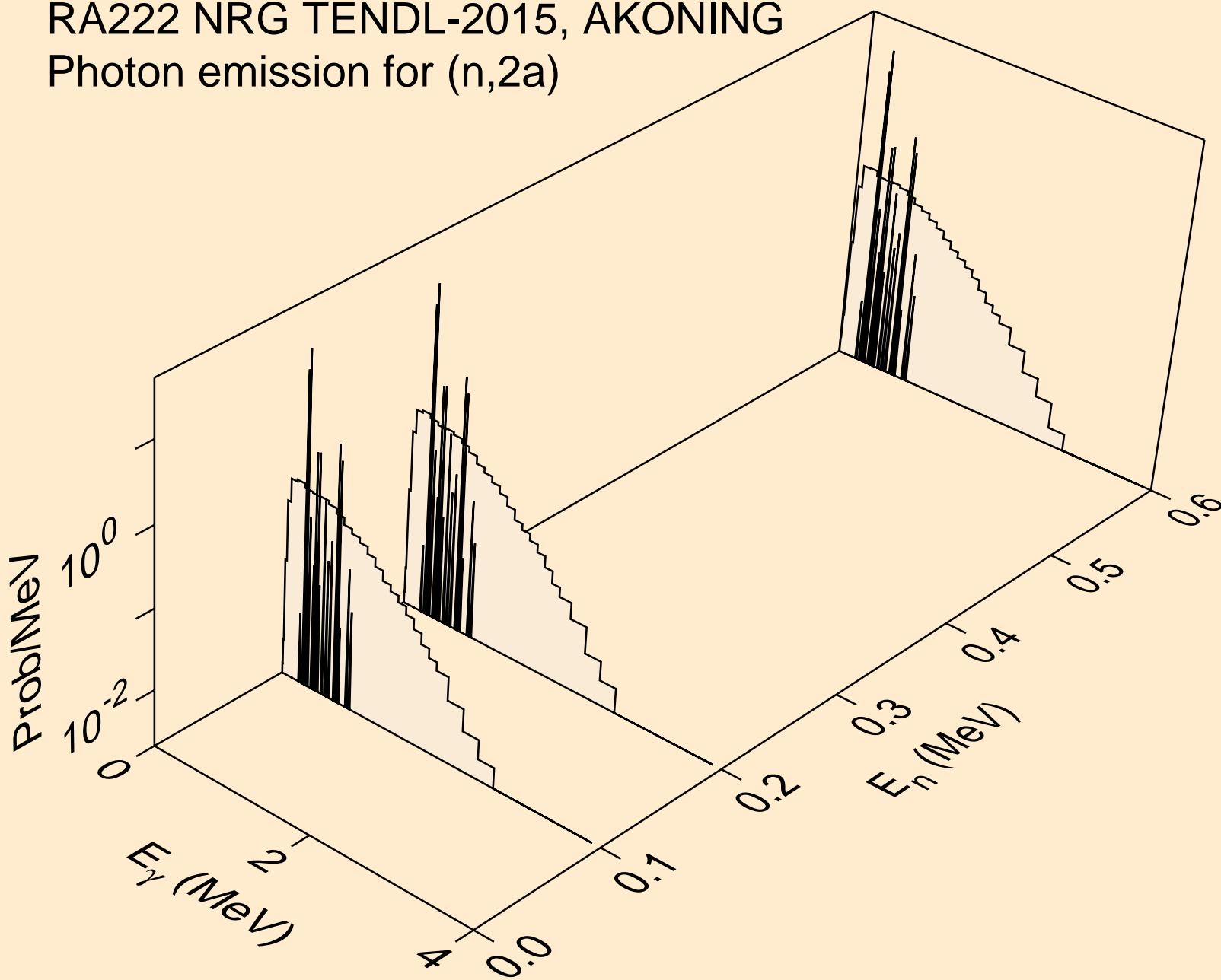
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



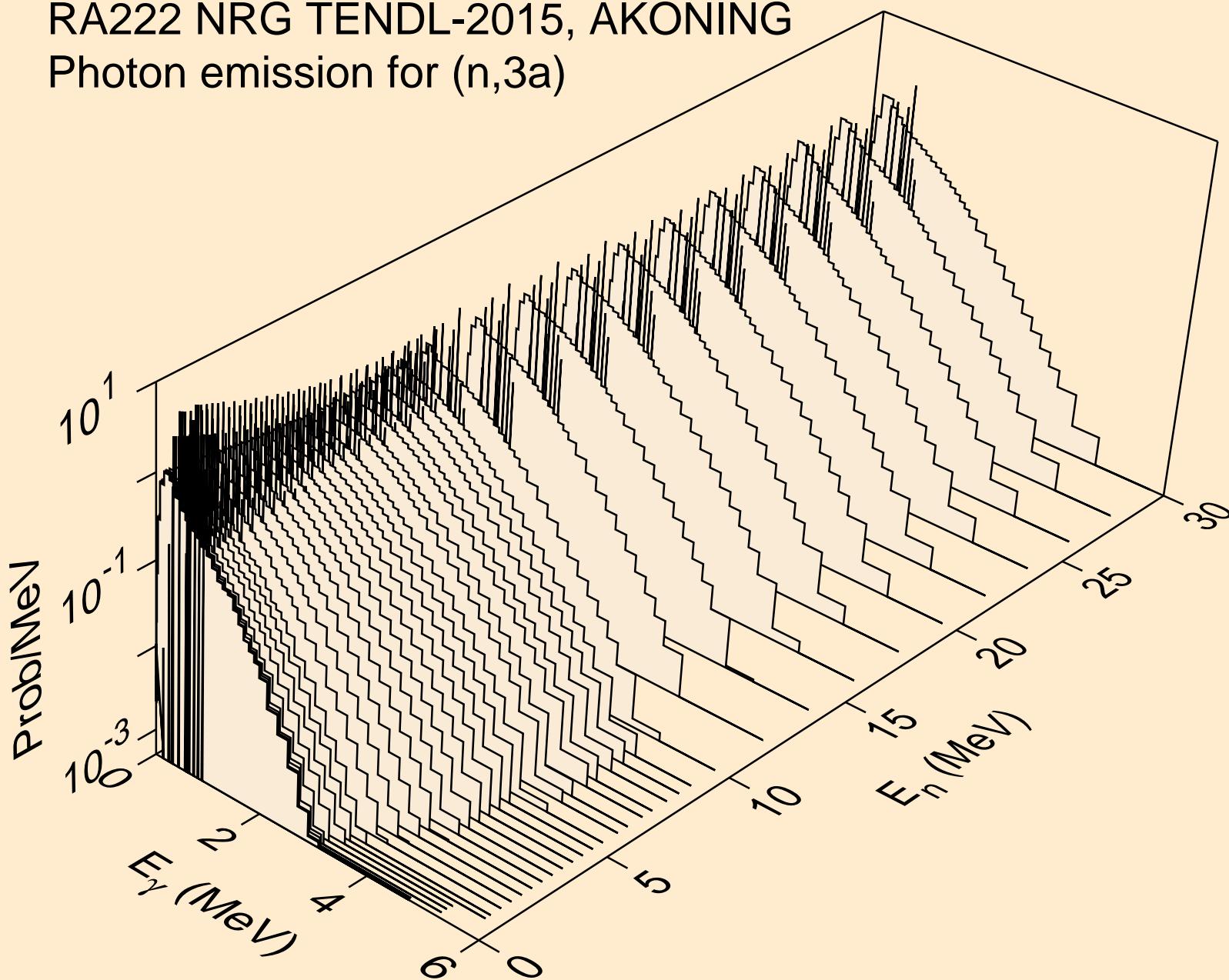
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



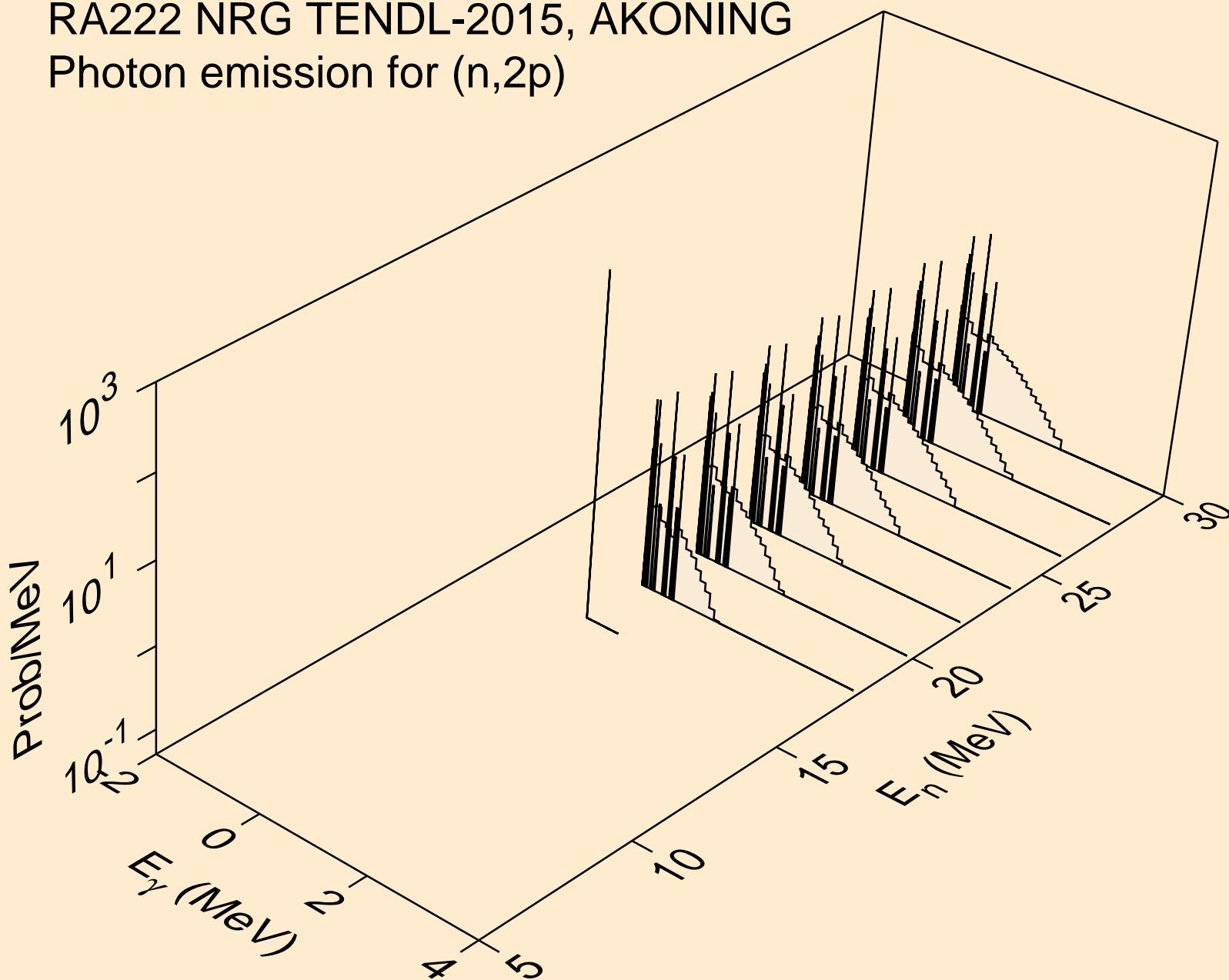
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



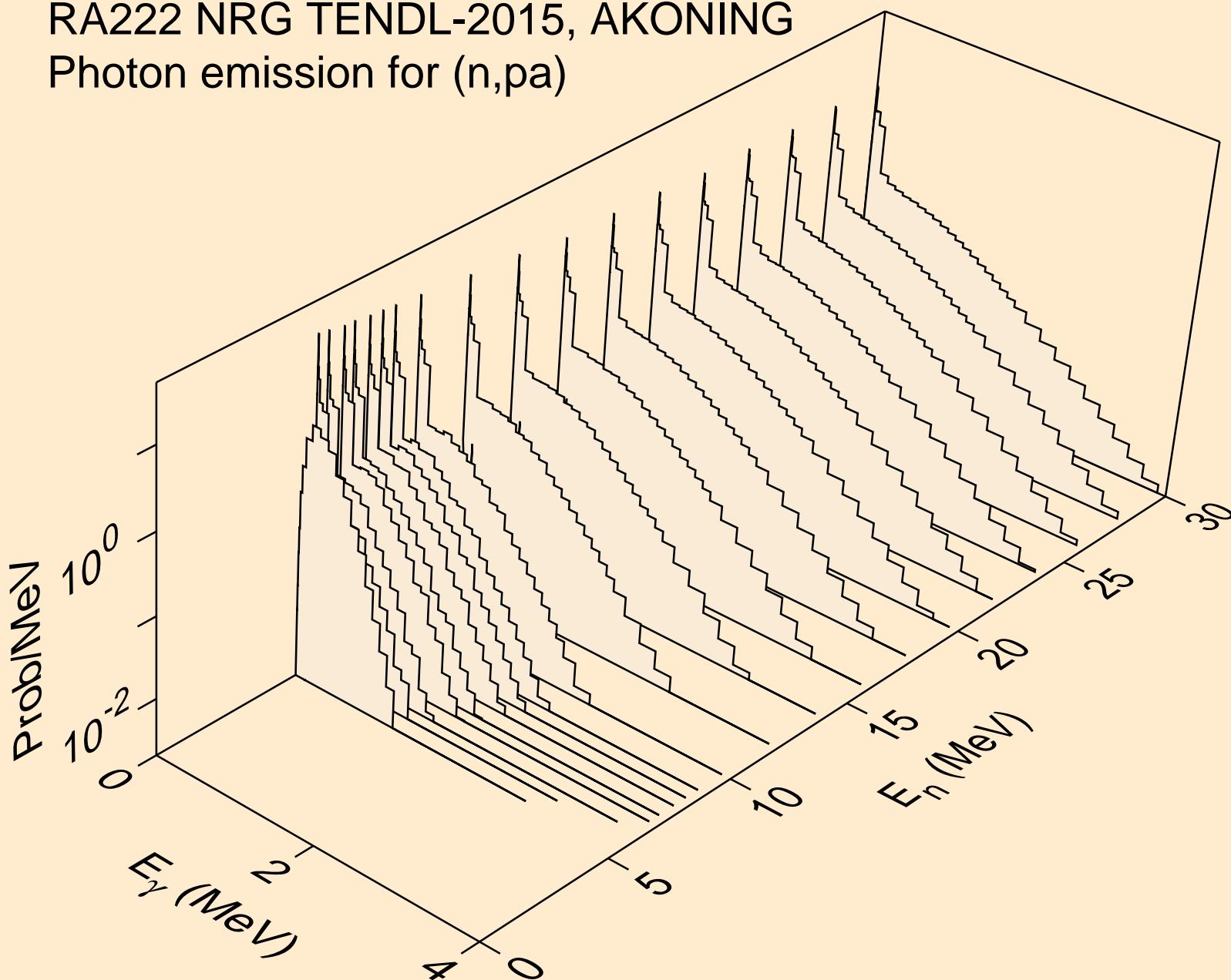
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



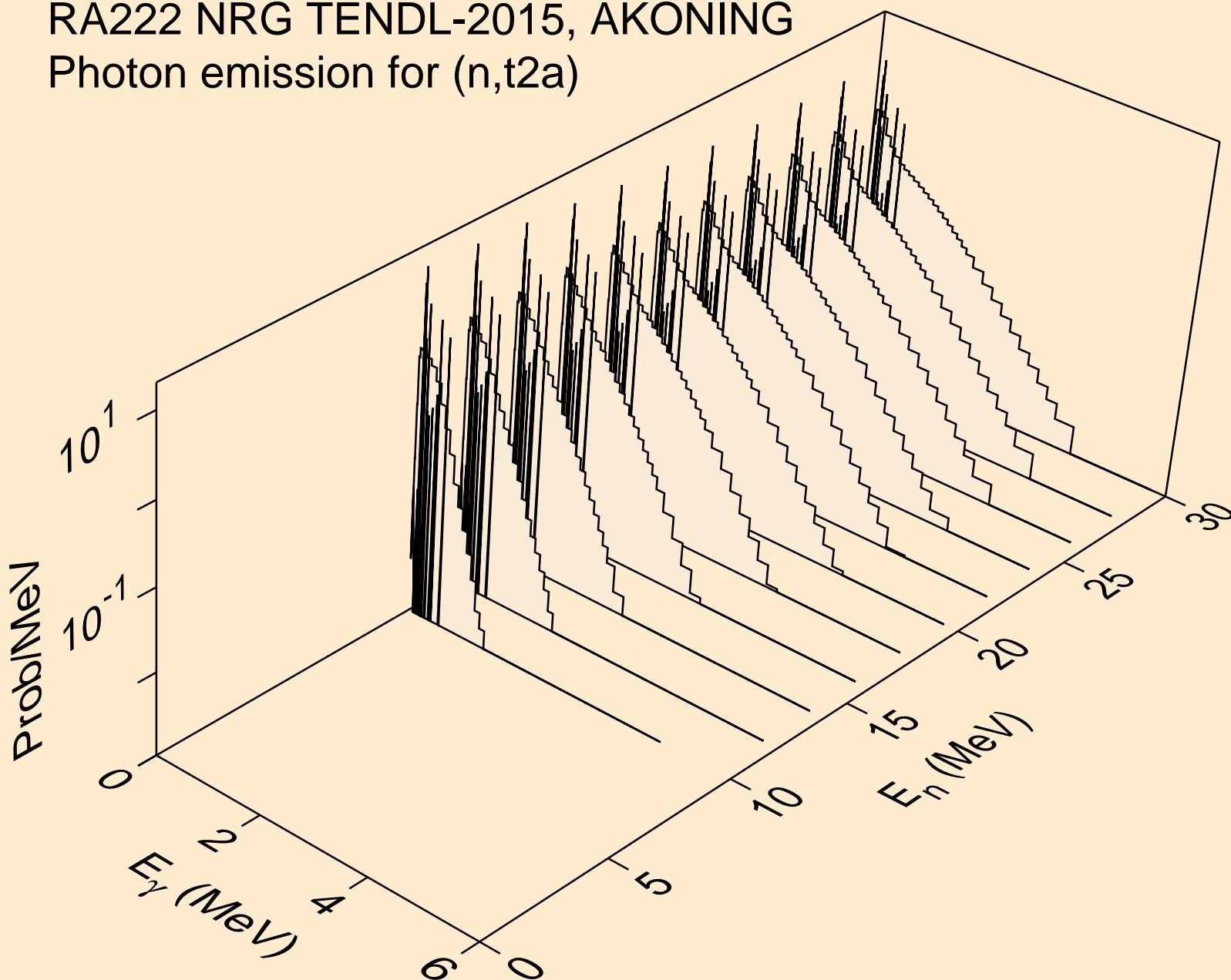
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



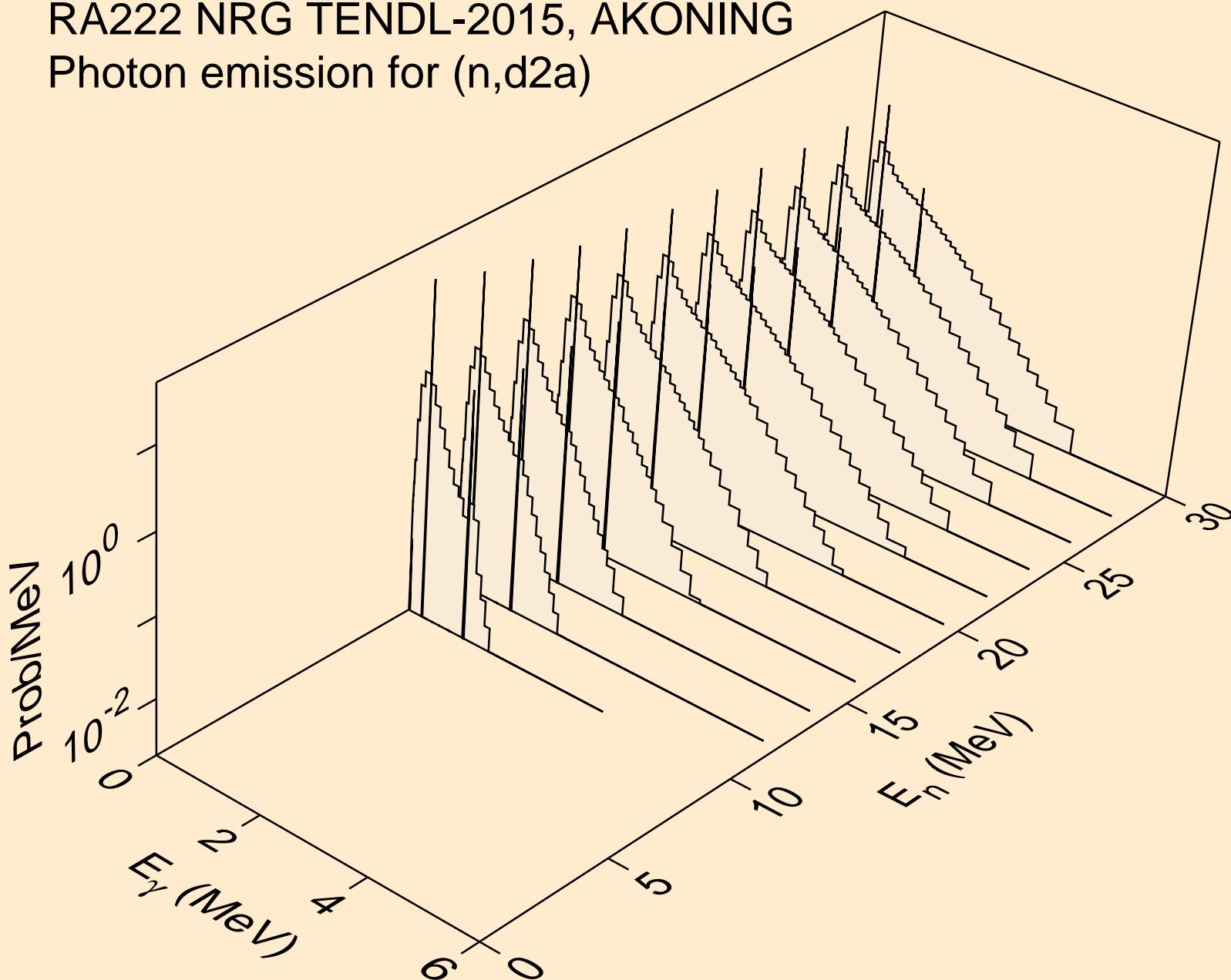
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



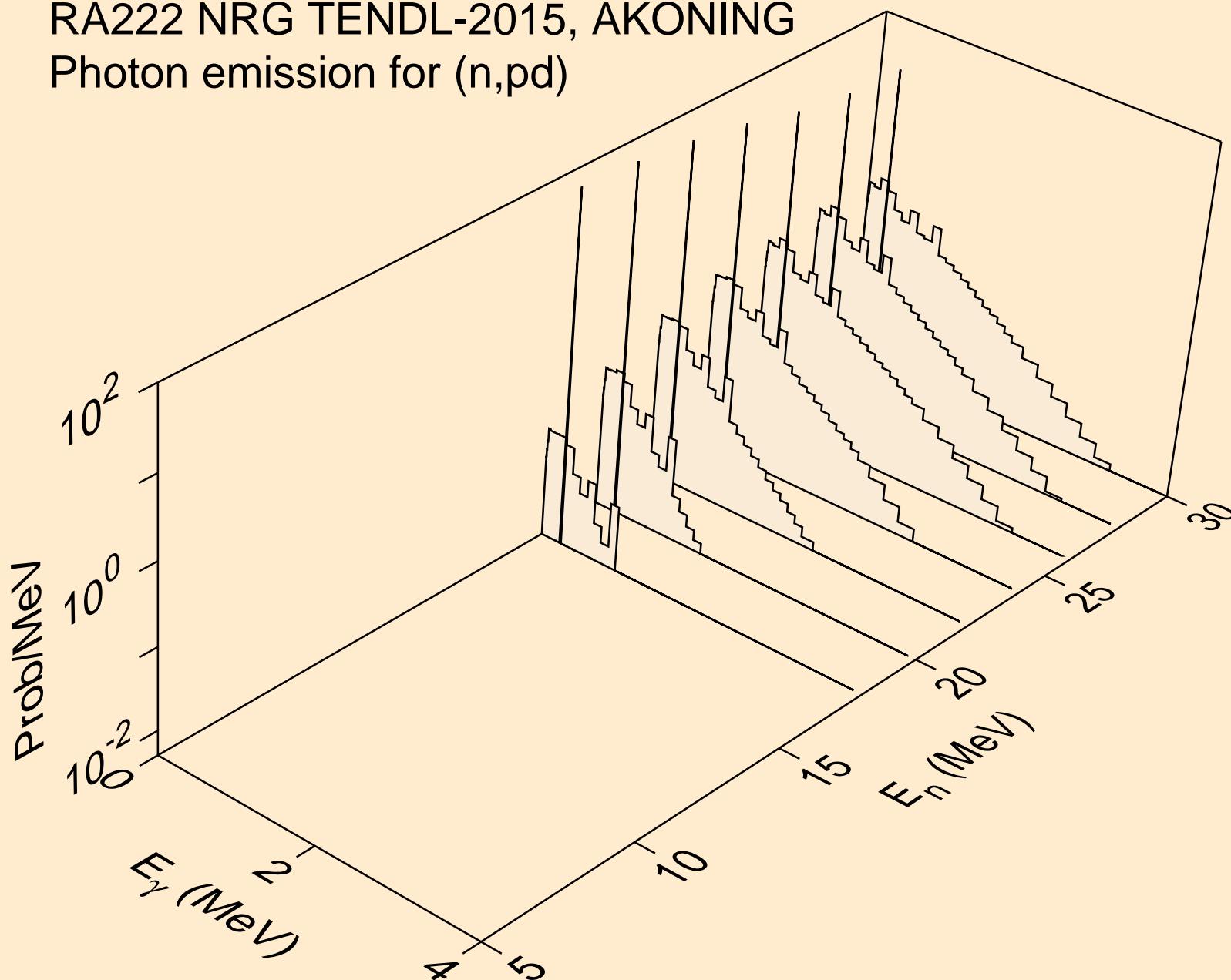
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



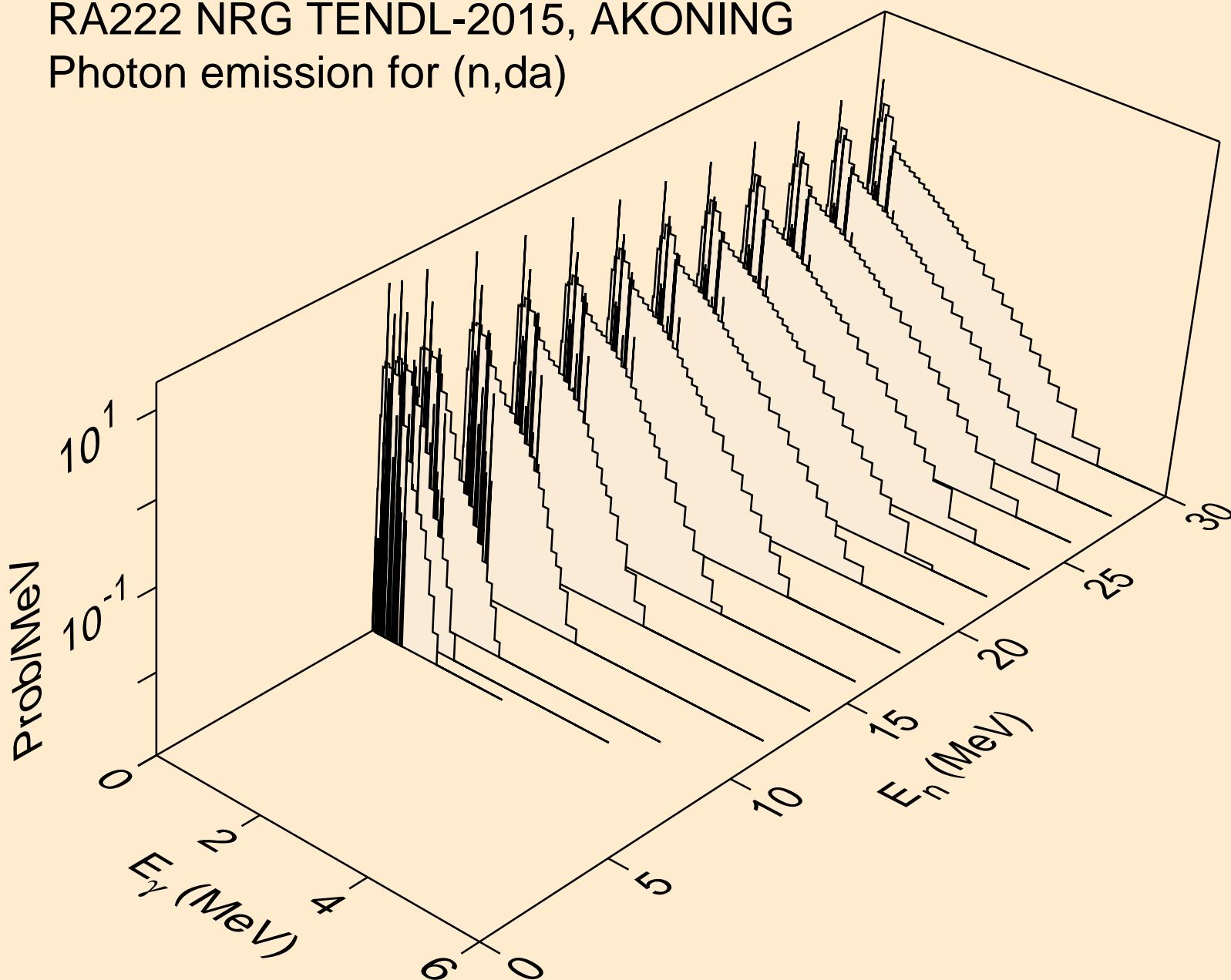
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



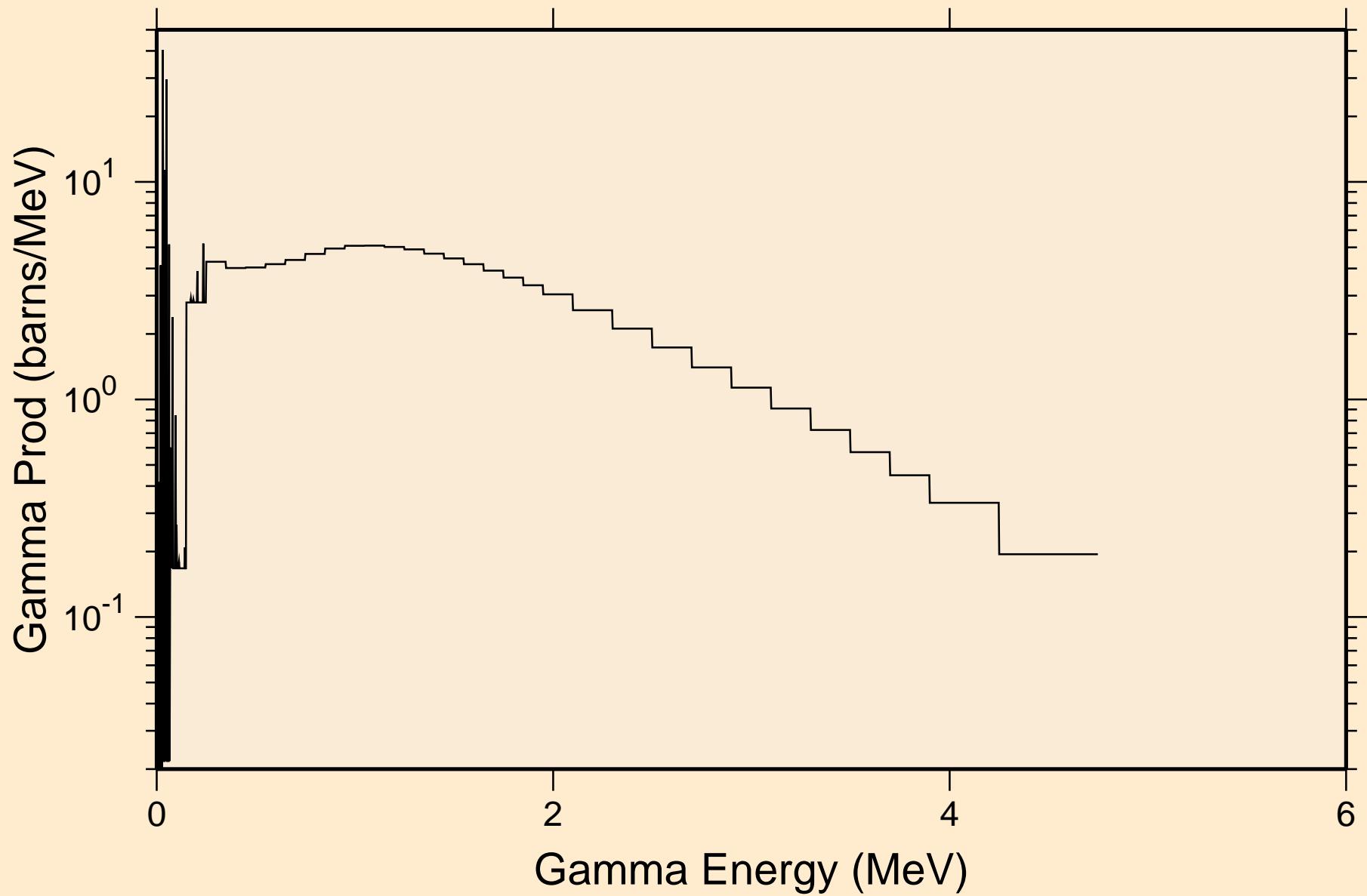
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



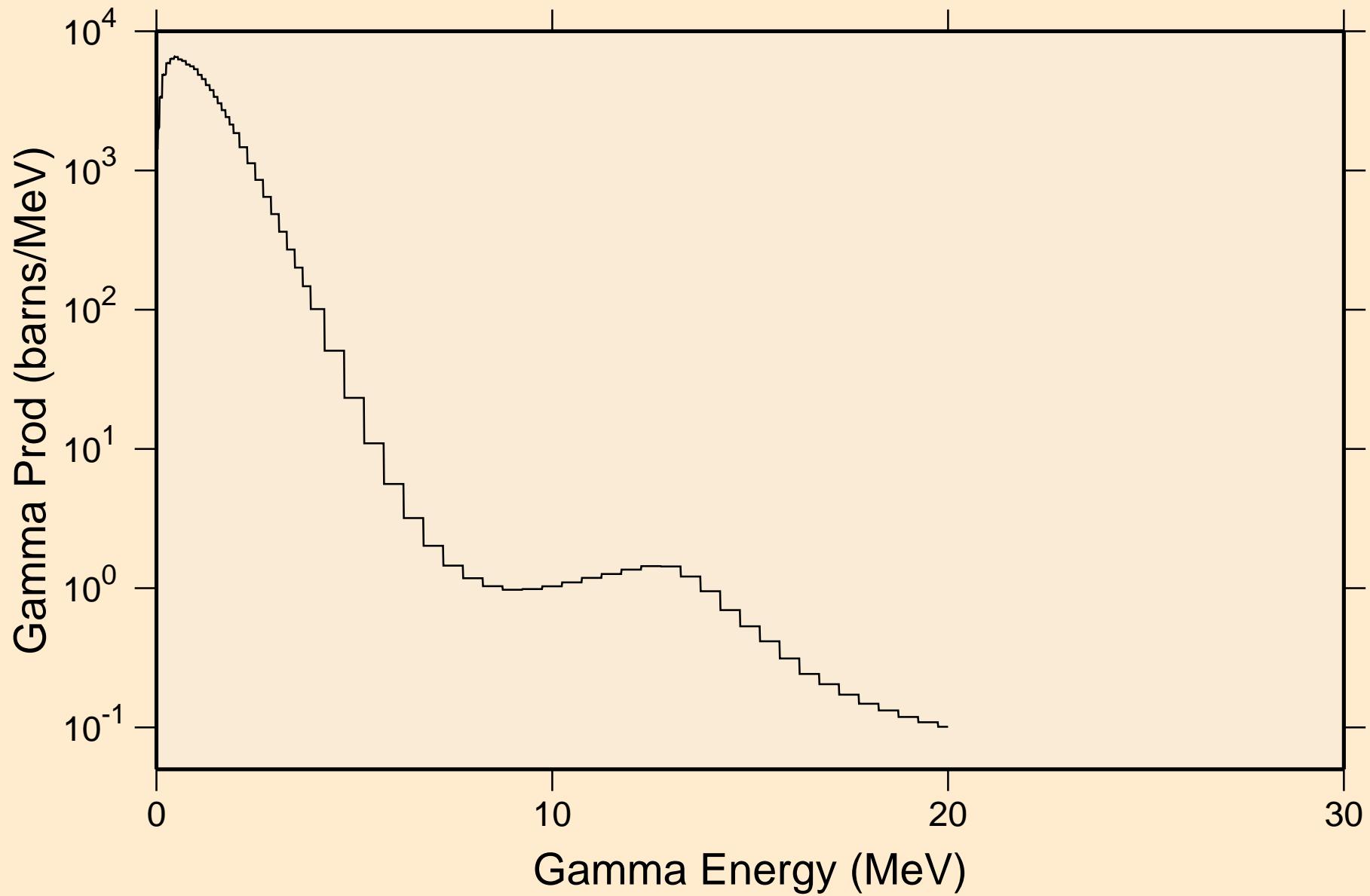
RA222 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



RA222 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

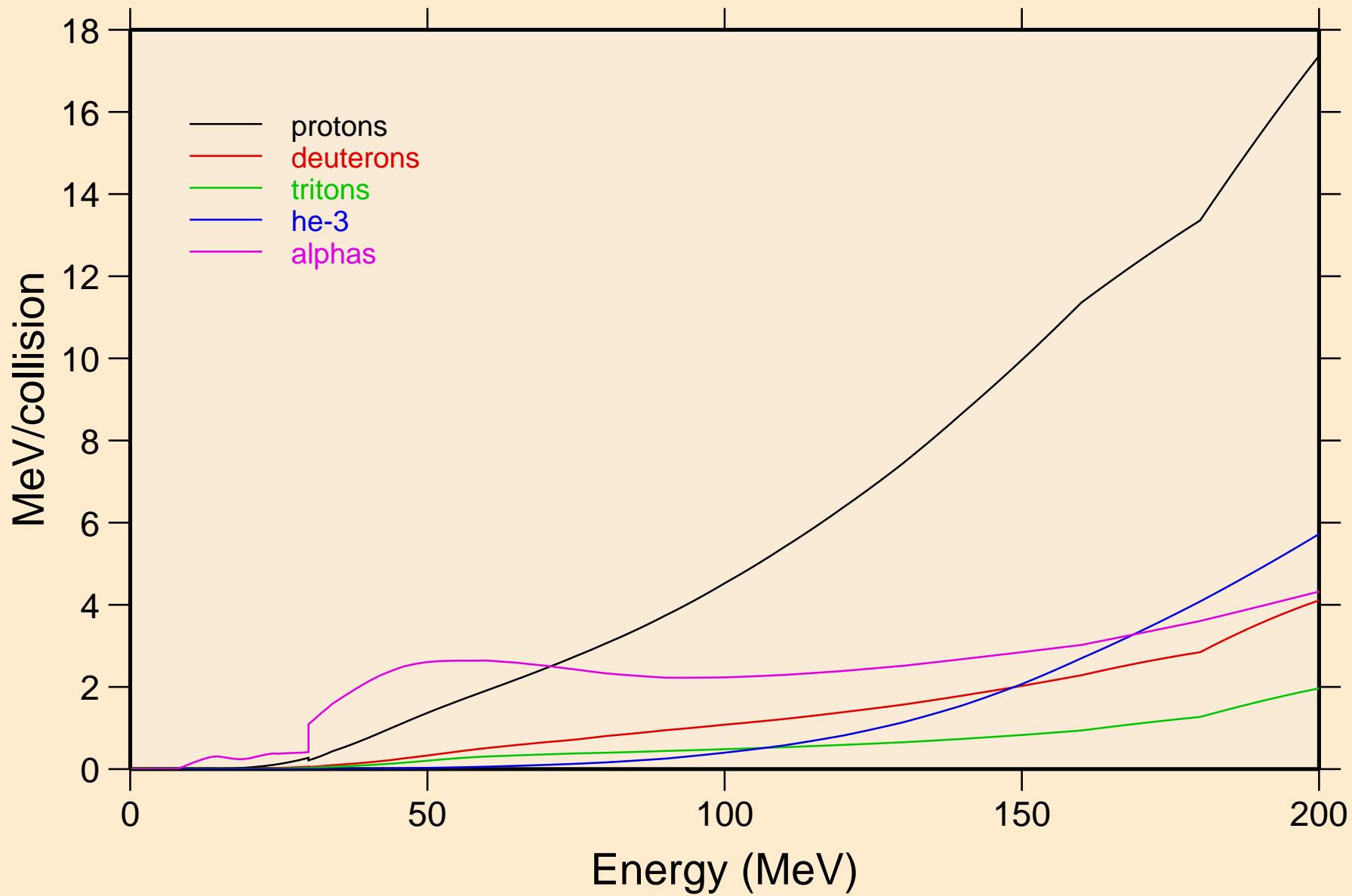


RA222 NRG TENDL-2015, AKONING  
14 MeV photon spectrum

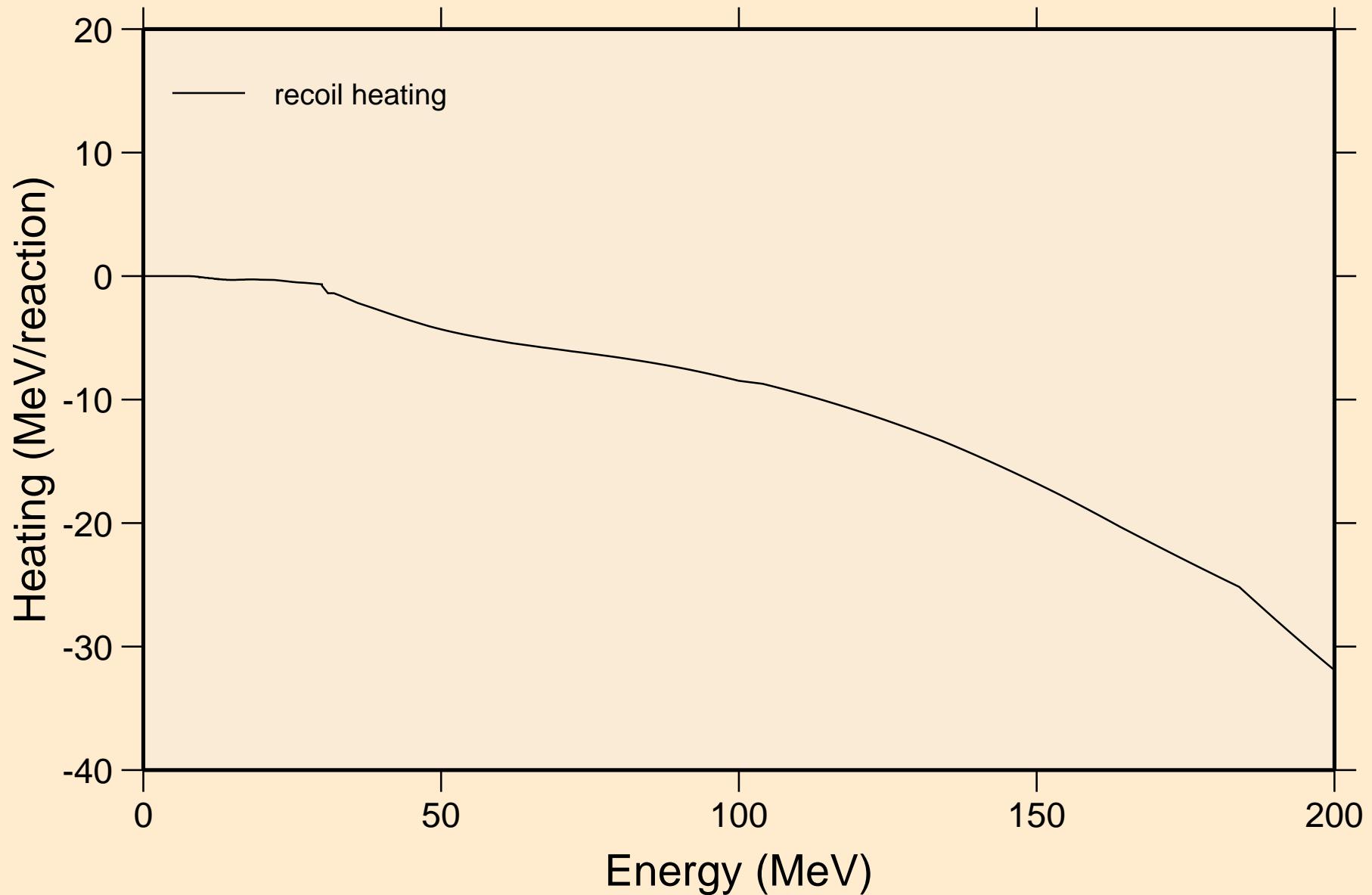


# RA222 NRG TENDL-2015, AKONING

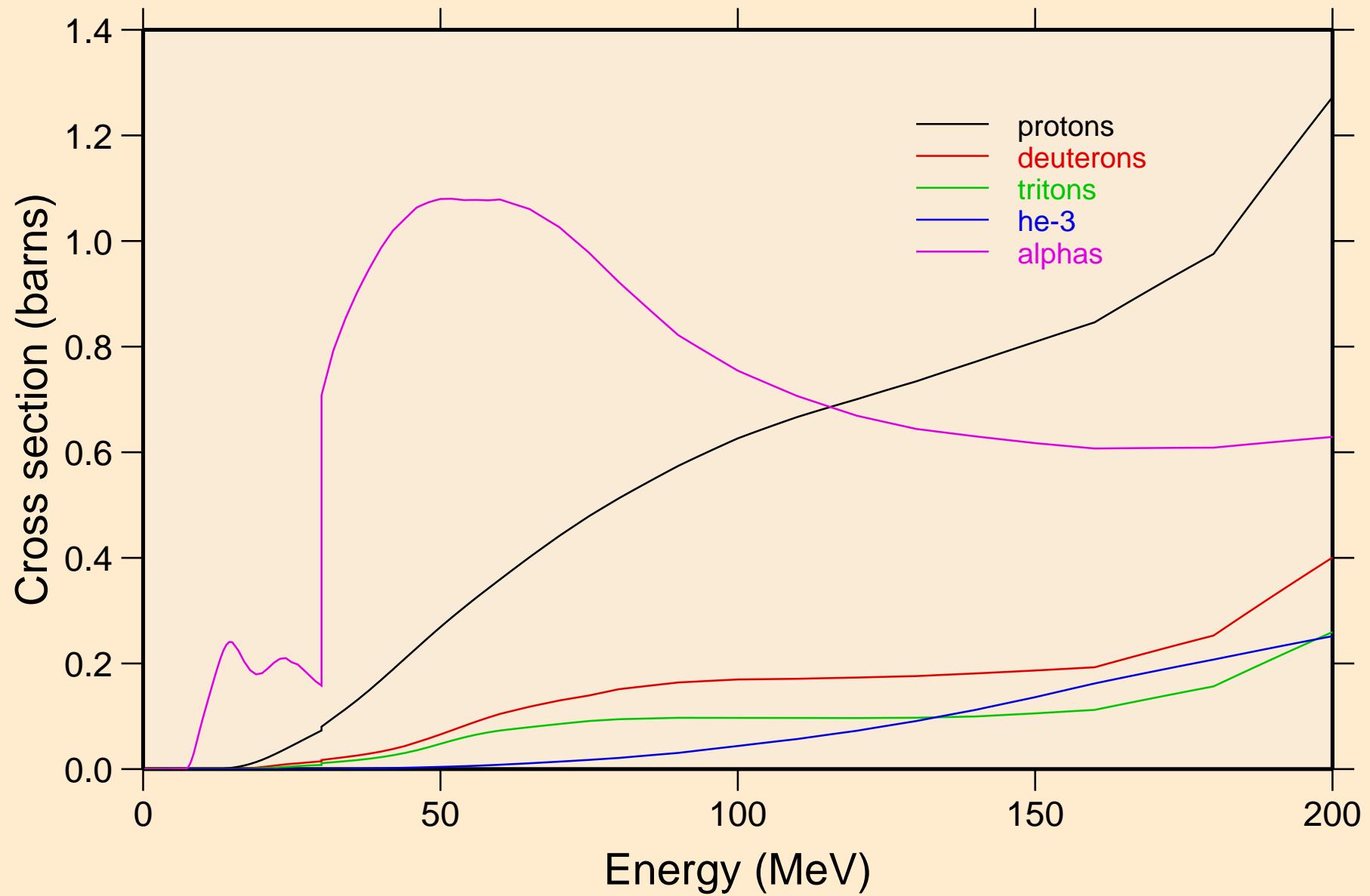
## Particle heating contributions



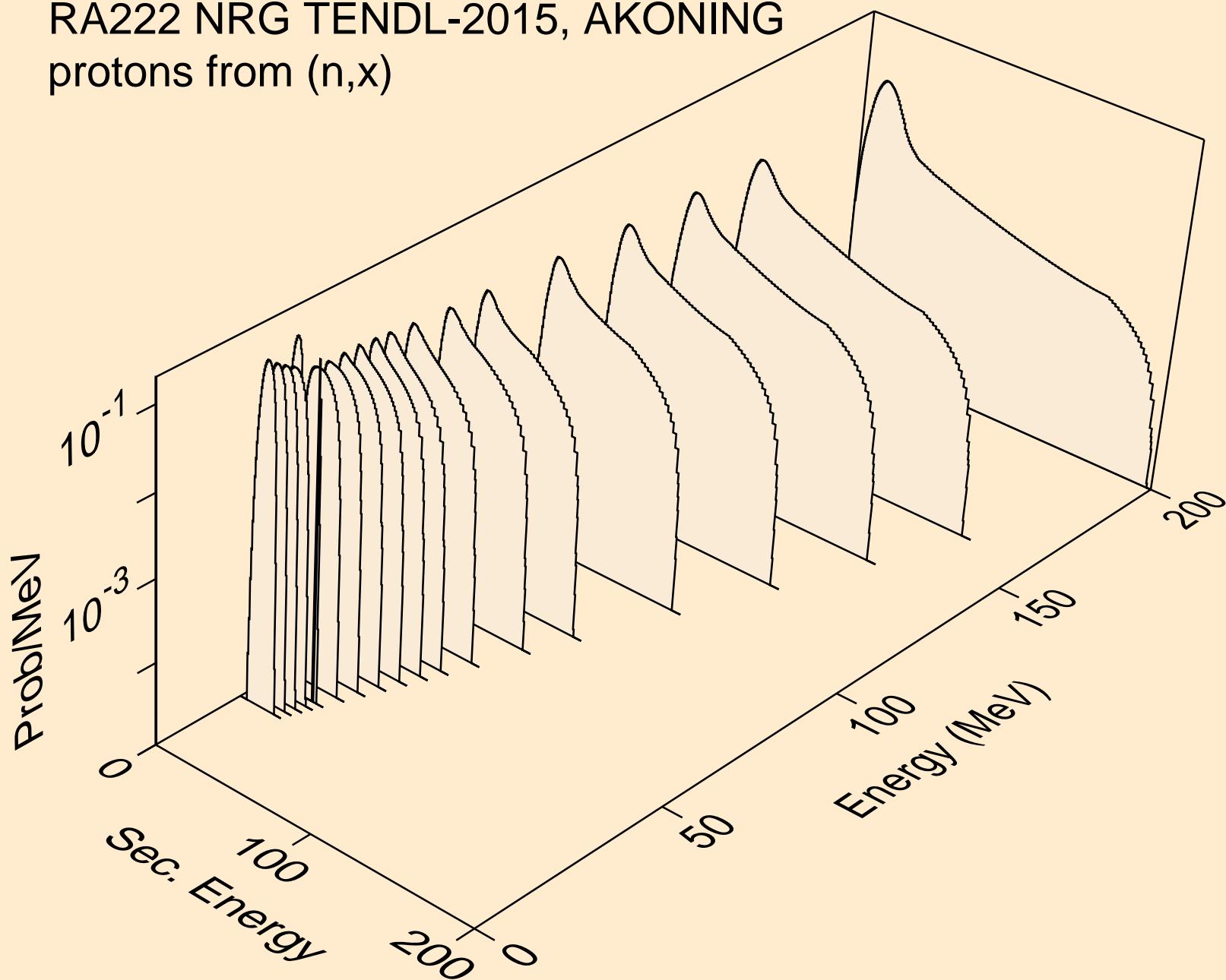
RA222 NRG TENDL-2015, AKONING  
Recoil Heating



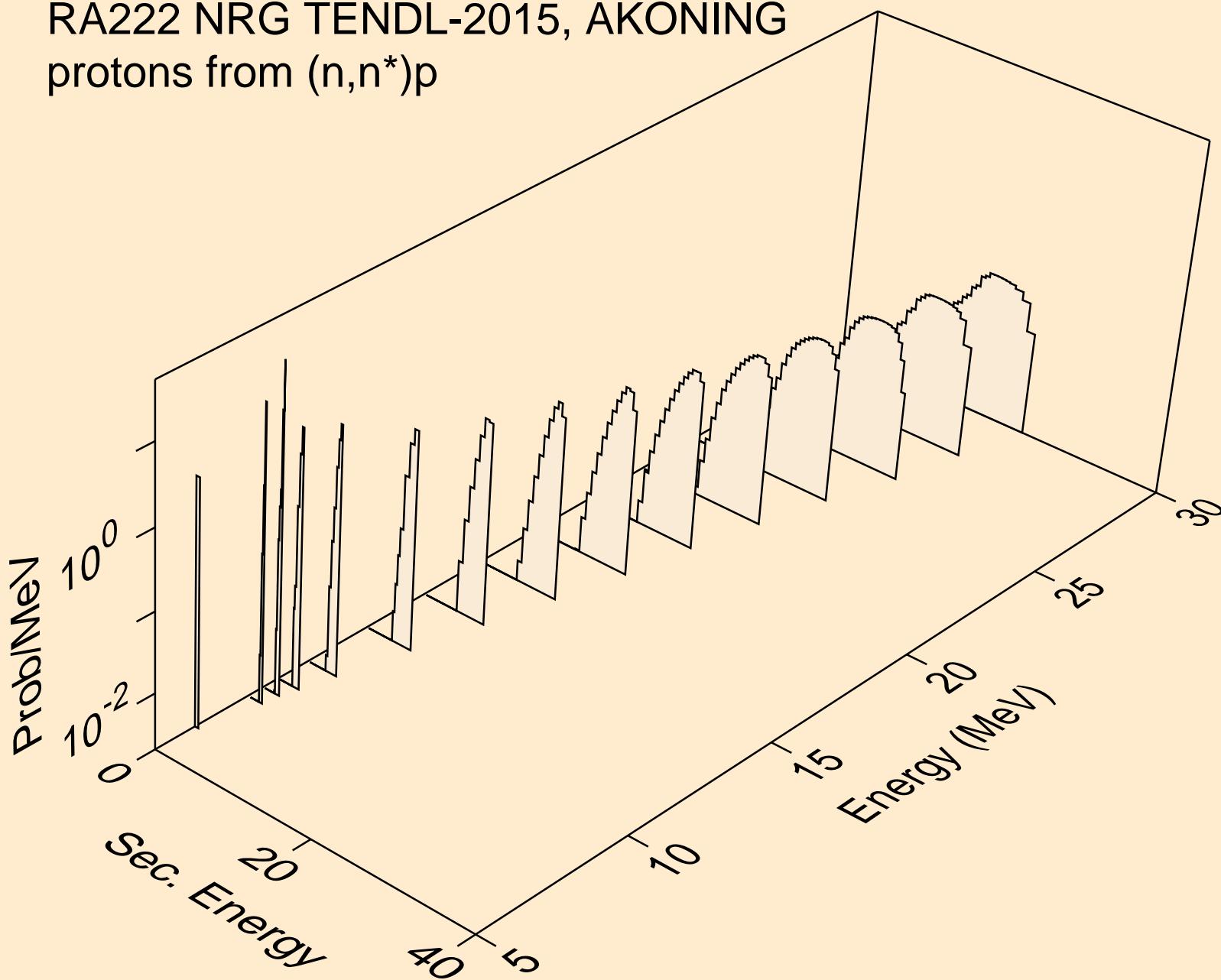
RA222 NRG TENDL-2015, AKONING  
Particle production cross sections



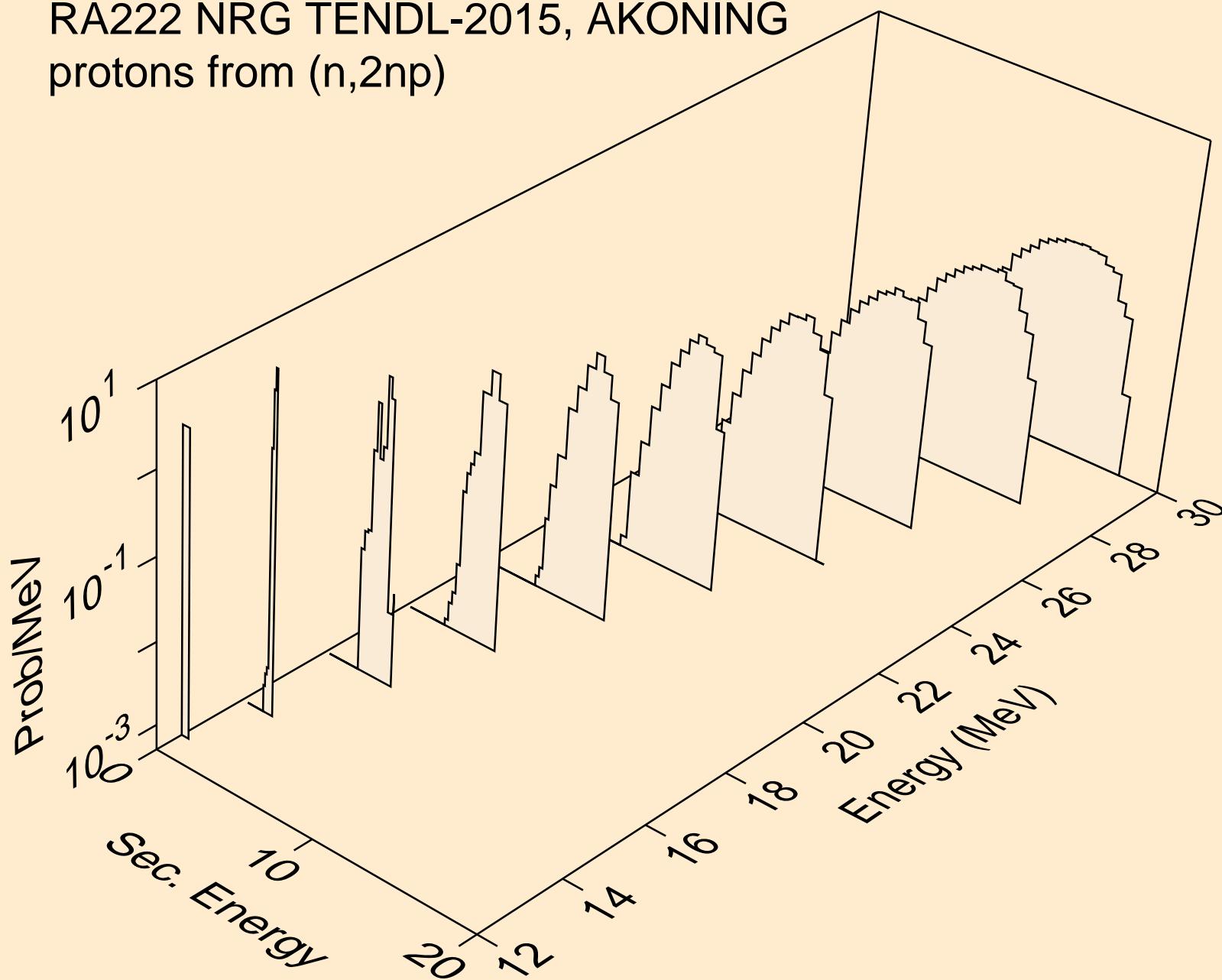
RA222 NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



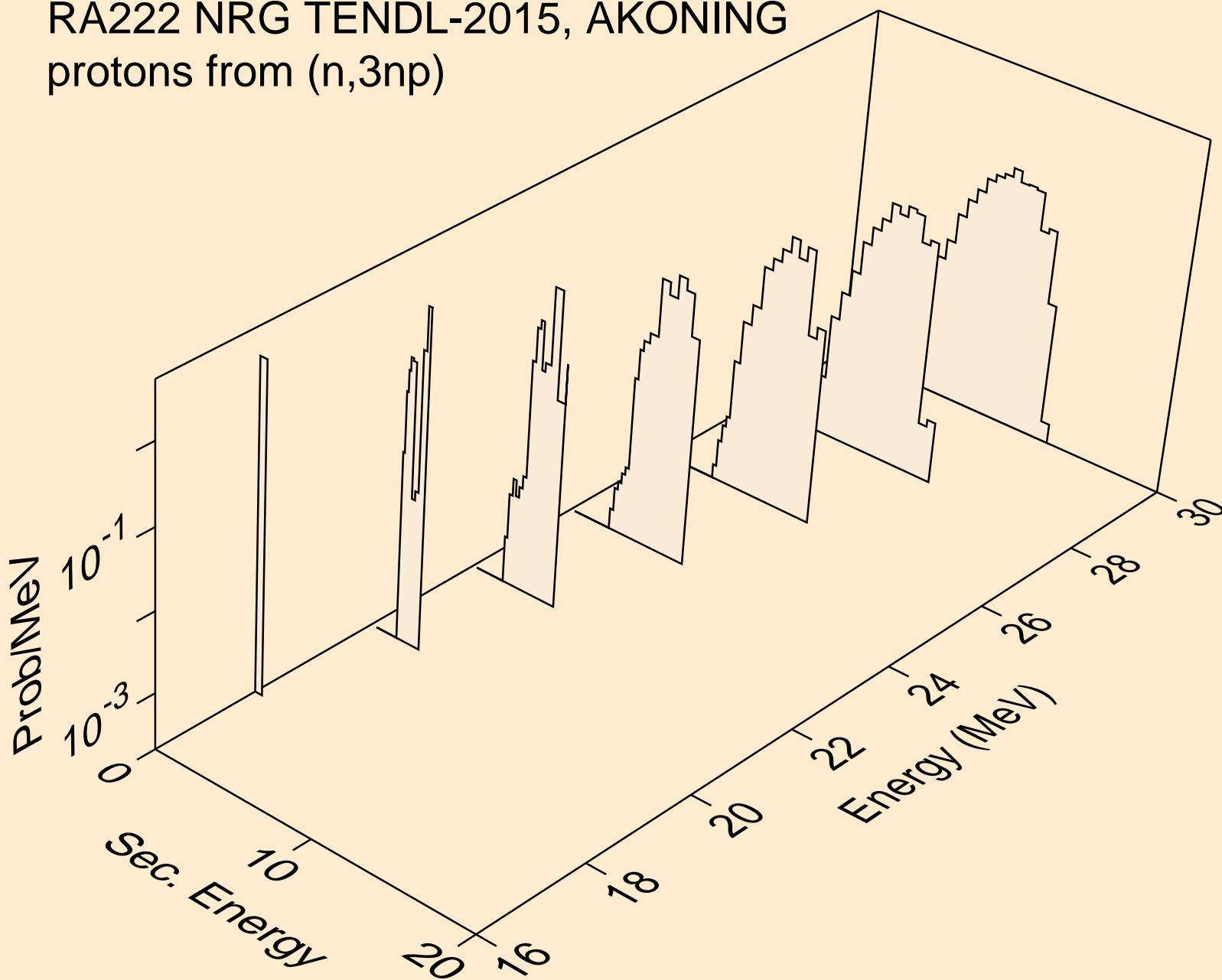
RA222 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



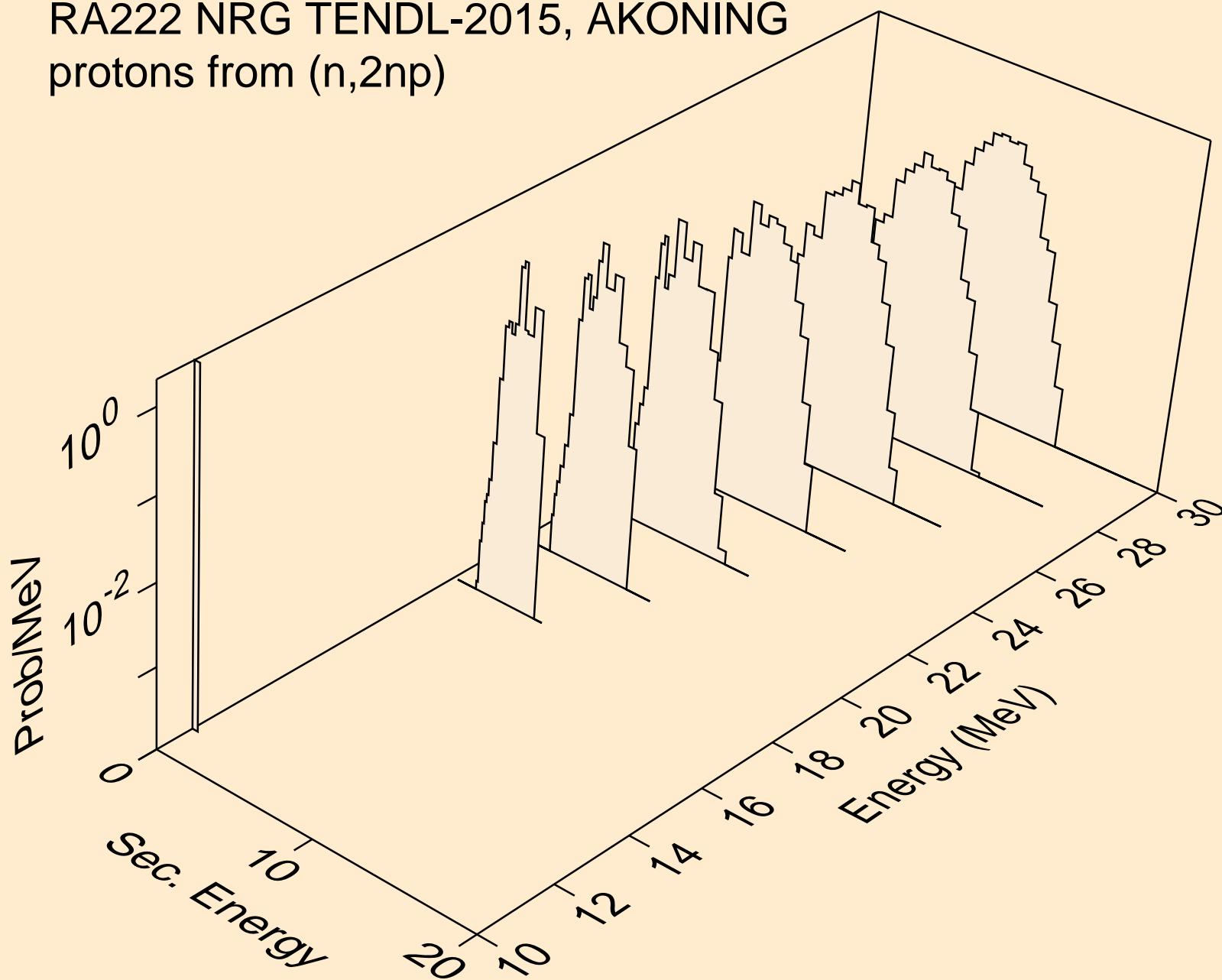
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protons from ( $n,2np$ )



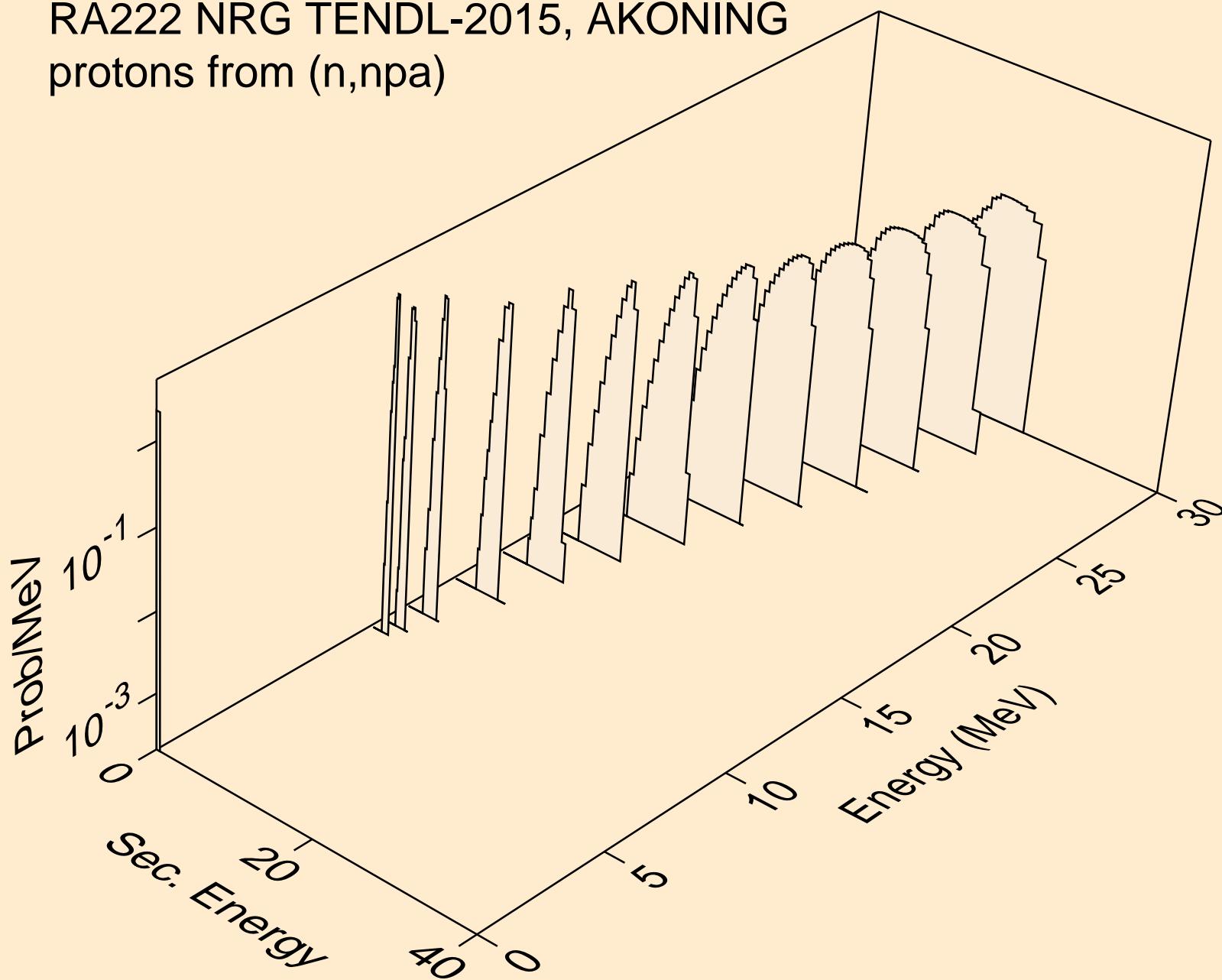
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protons from ( $n,3np$ )



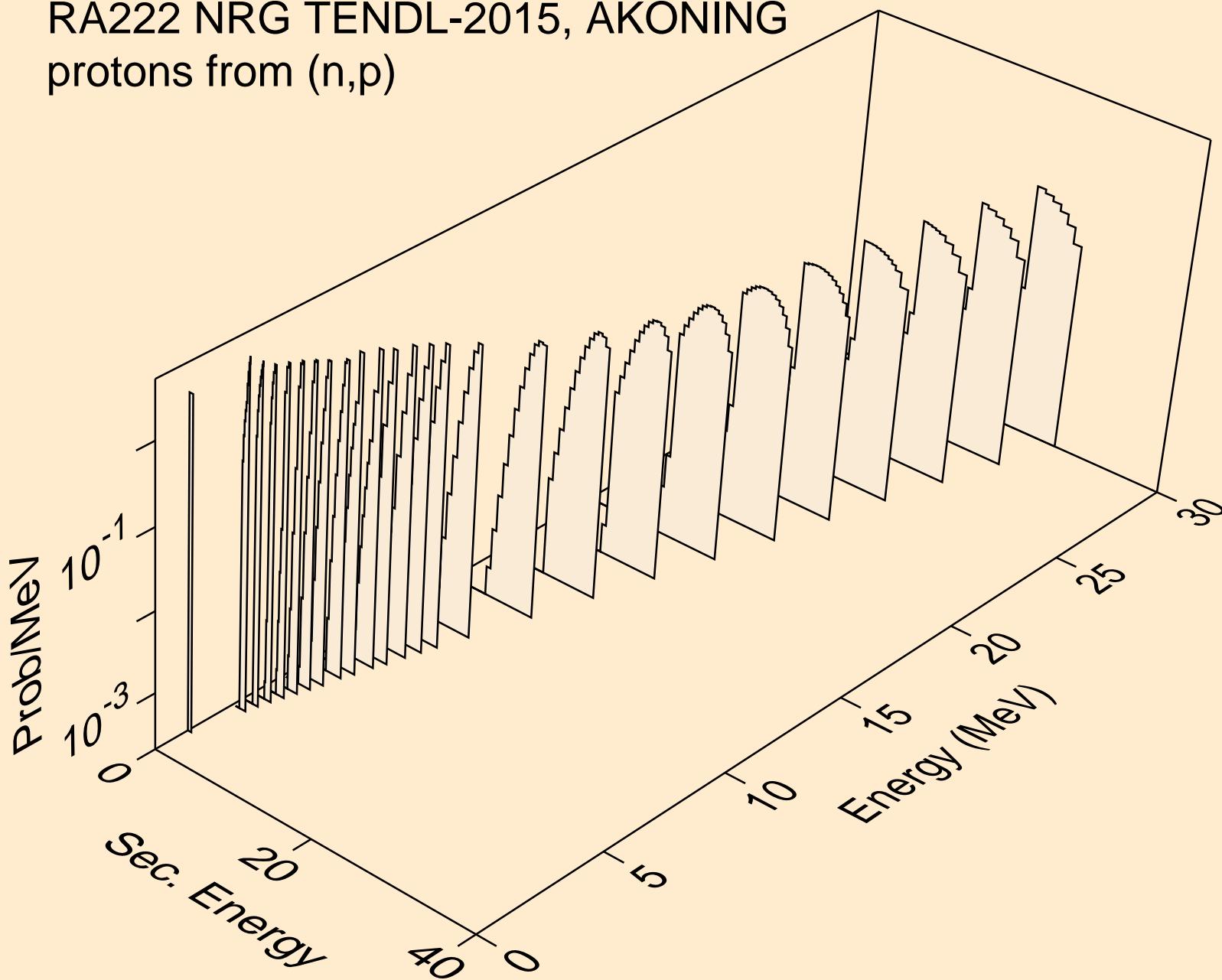
RA222 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



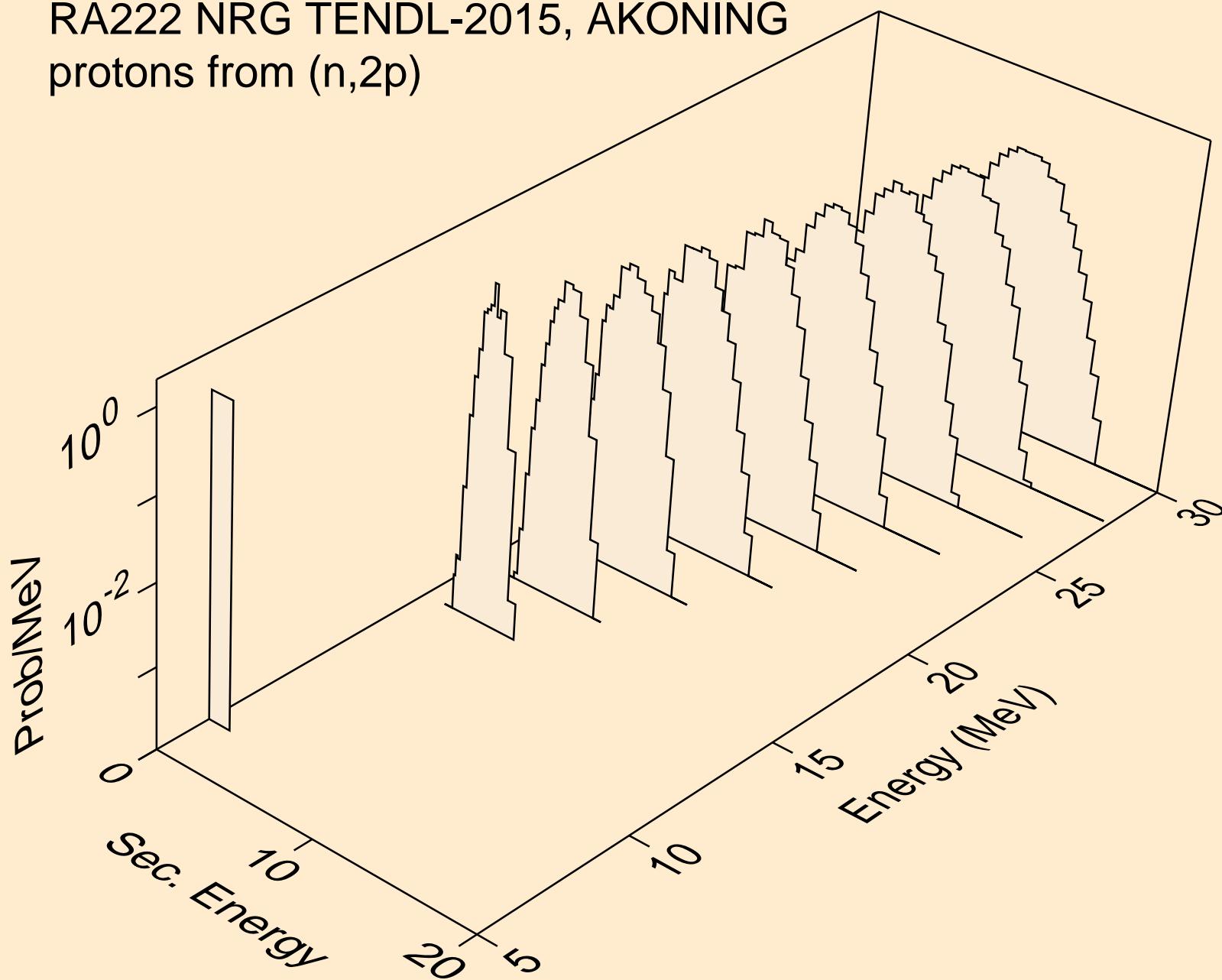
RA222 NRG TENDL-2015, AKONING  
protons from (n,npa)



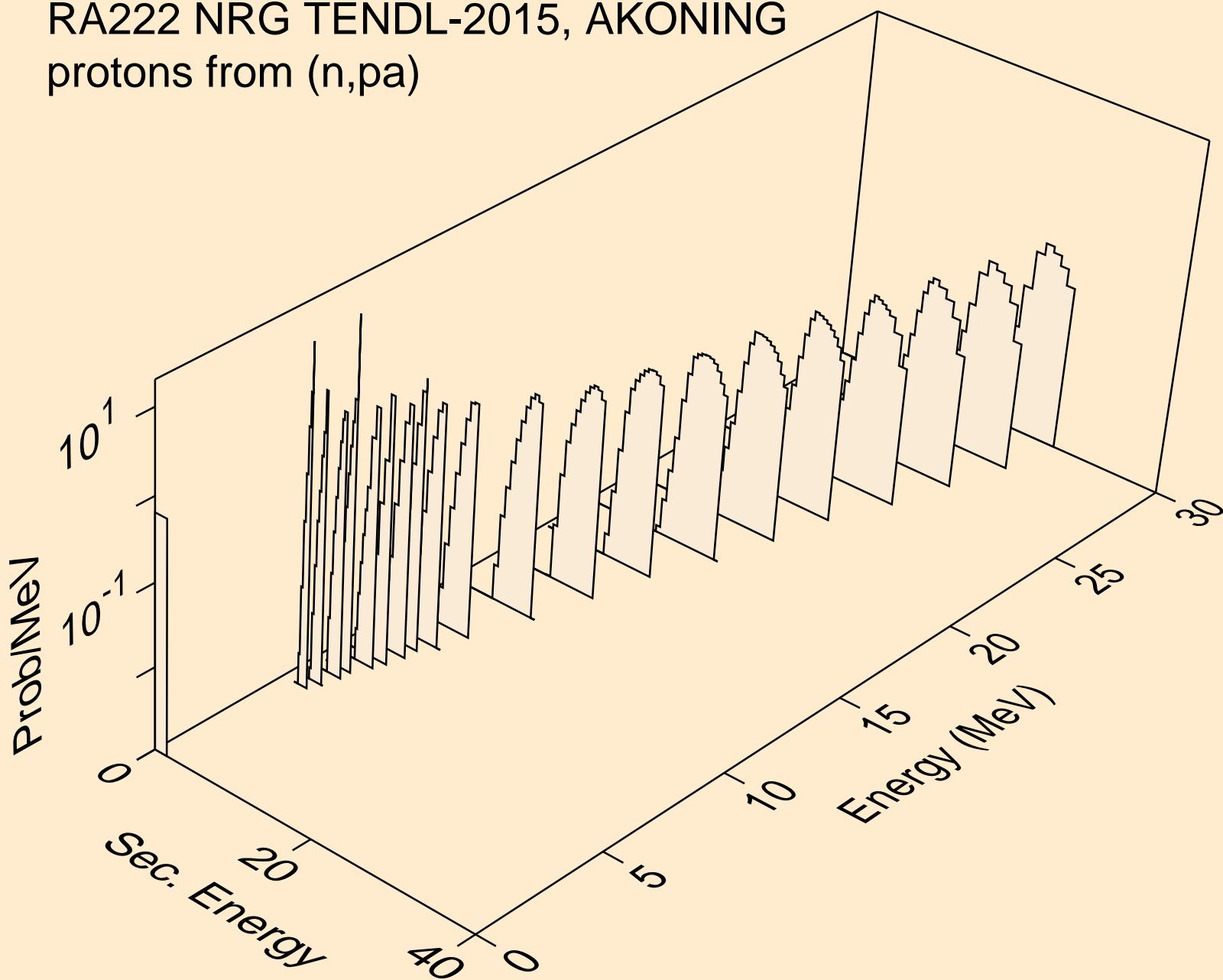
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protons from (n,p)



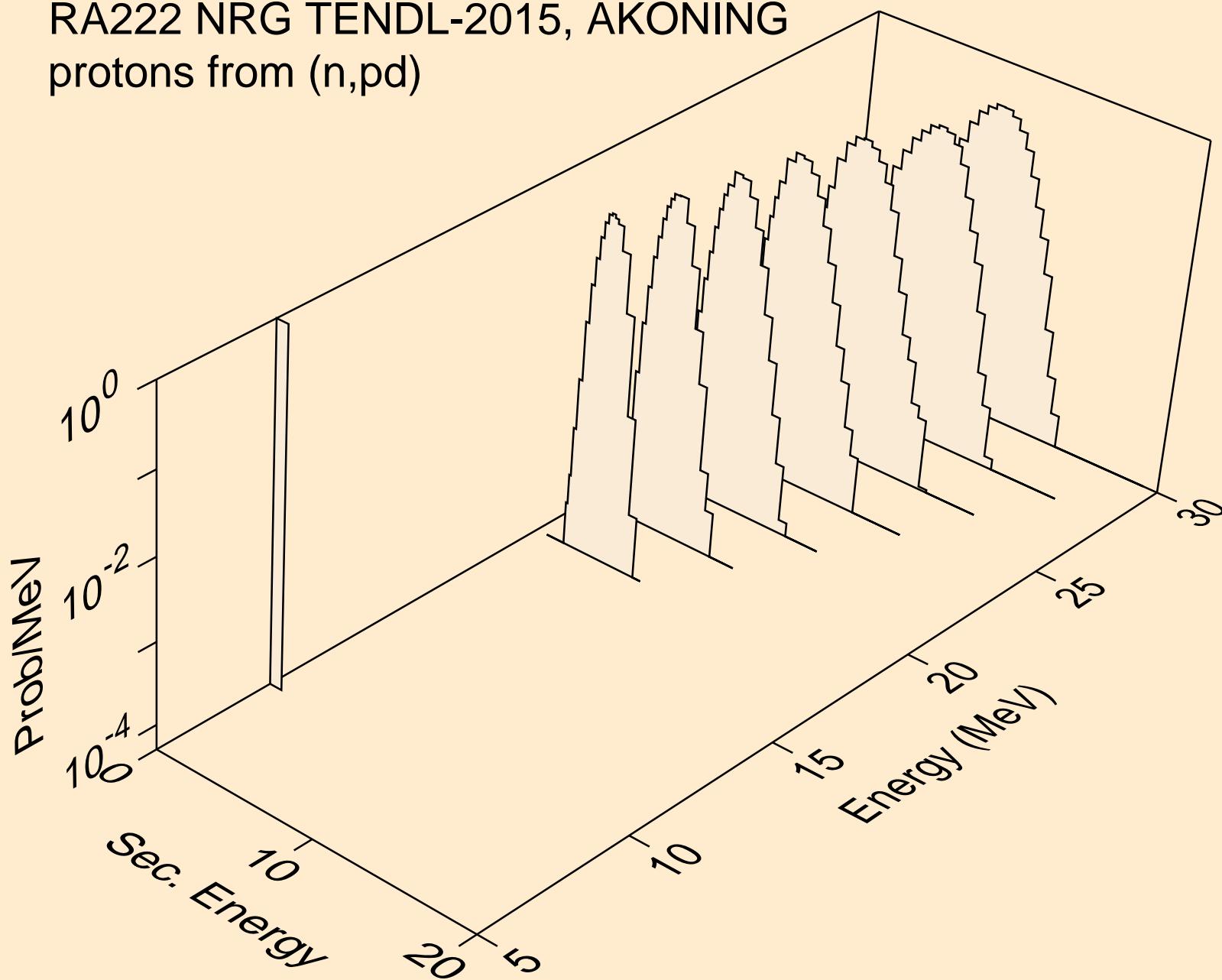
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protons from ( $n,2p$ )



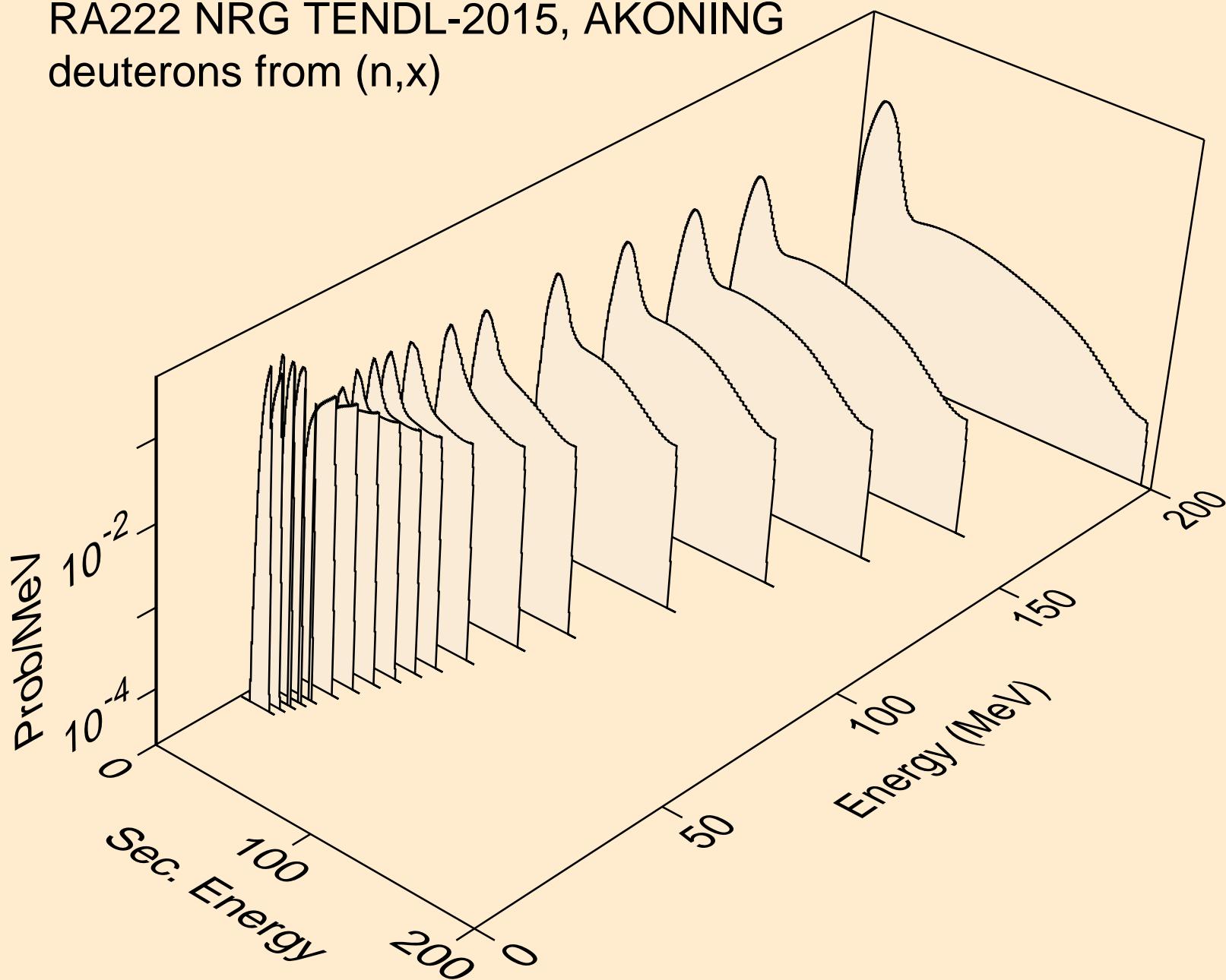
RA222 NRG TENDL-2015, AKONING  
protons from (n,pa)



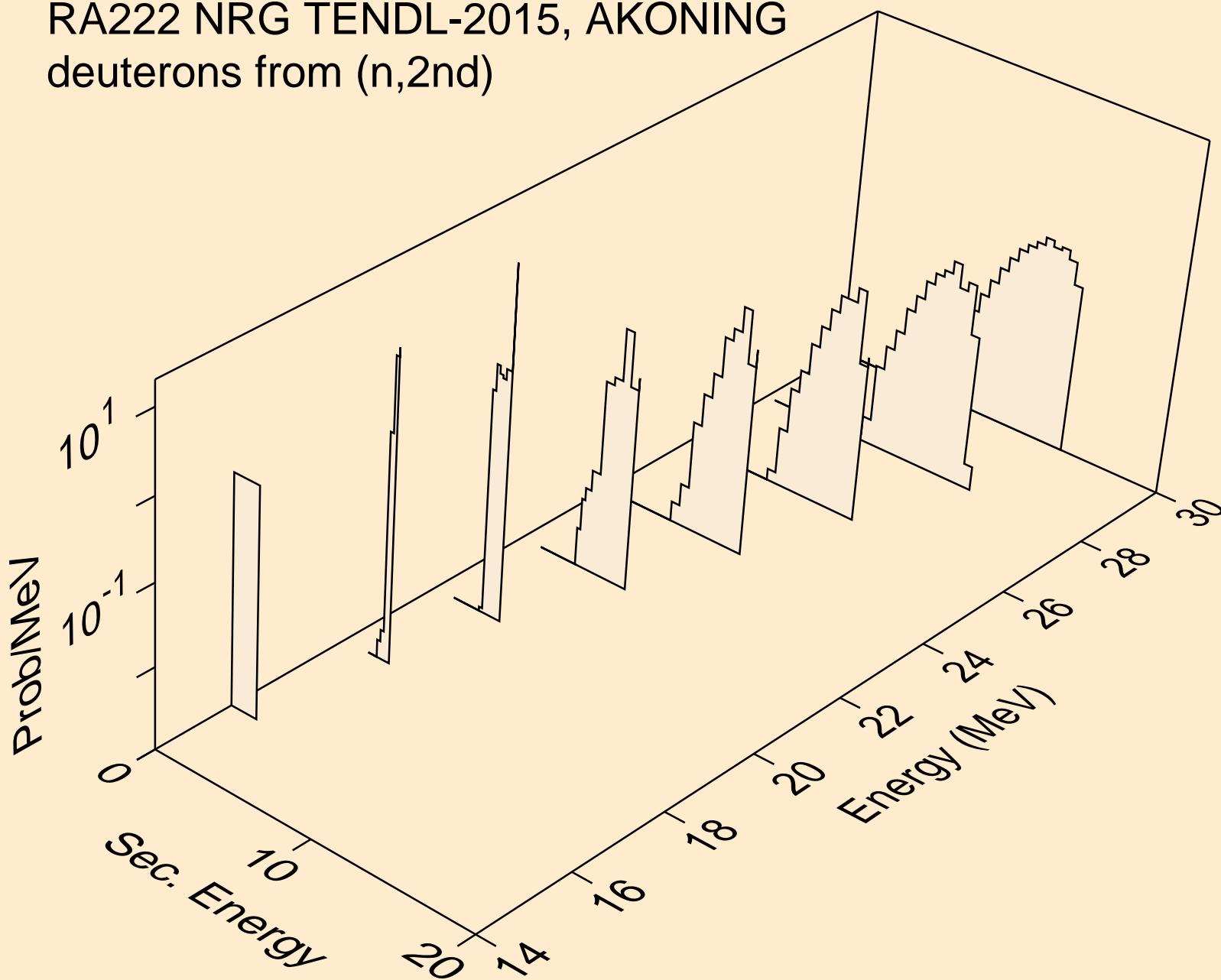
RA222 NRG TENDL-2015, AKONING  
protons from (n,pd)



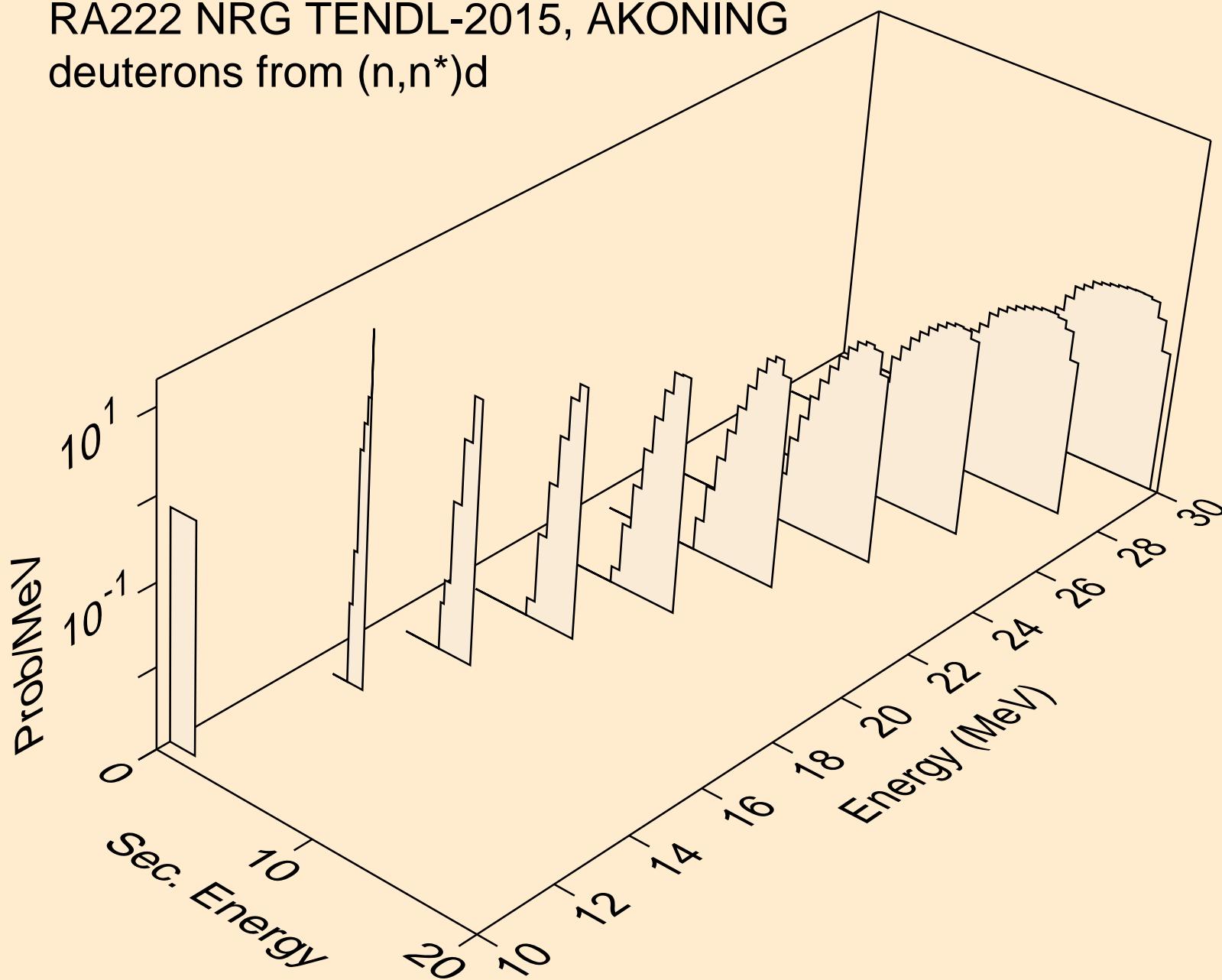
RA222 NRG TENDL-2015, AKONING  
deuterons from ( $n,x$ )



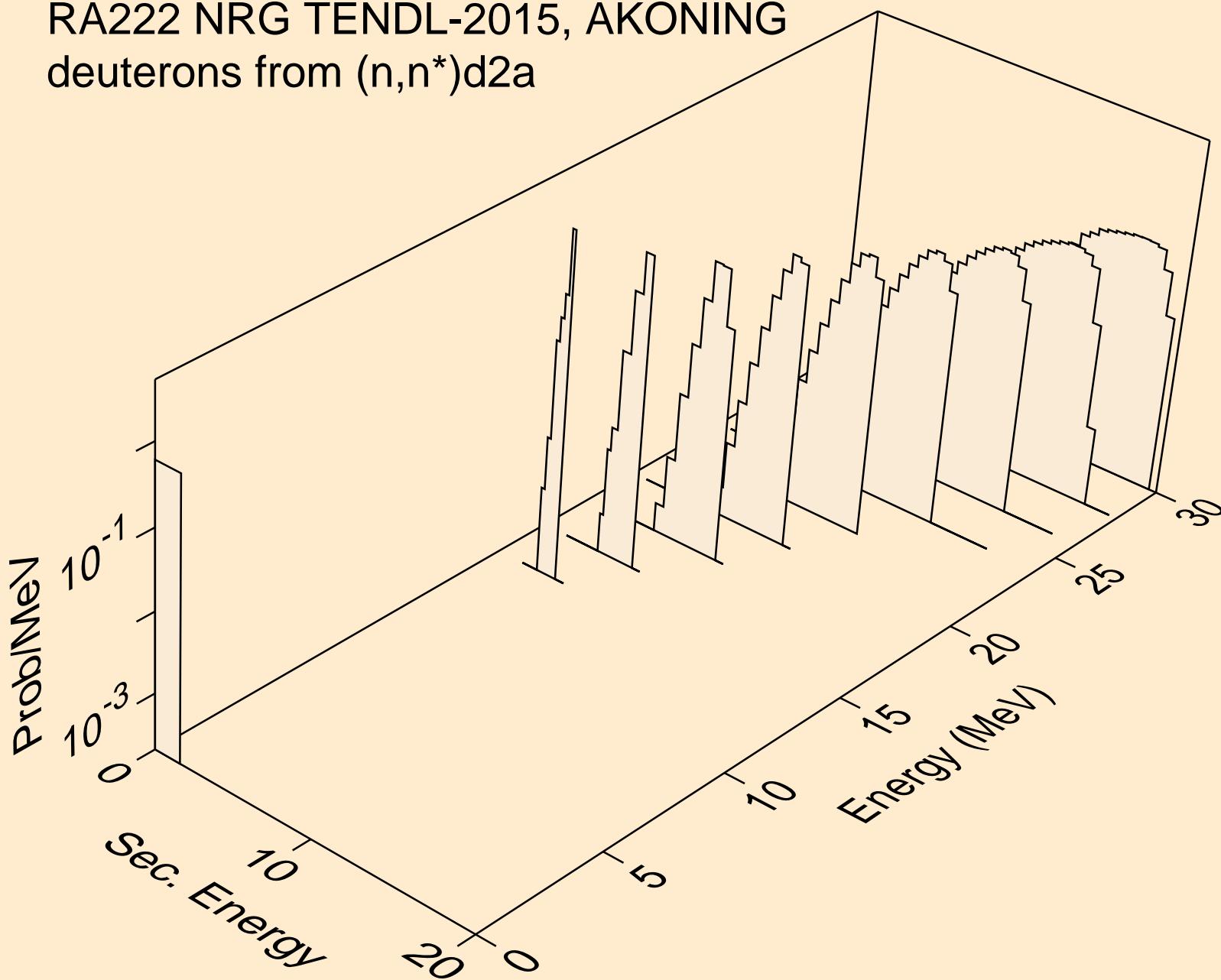
RA222 NRG TENDL-2015, AKONING  
deuterons from ( $n,2nd$ )



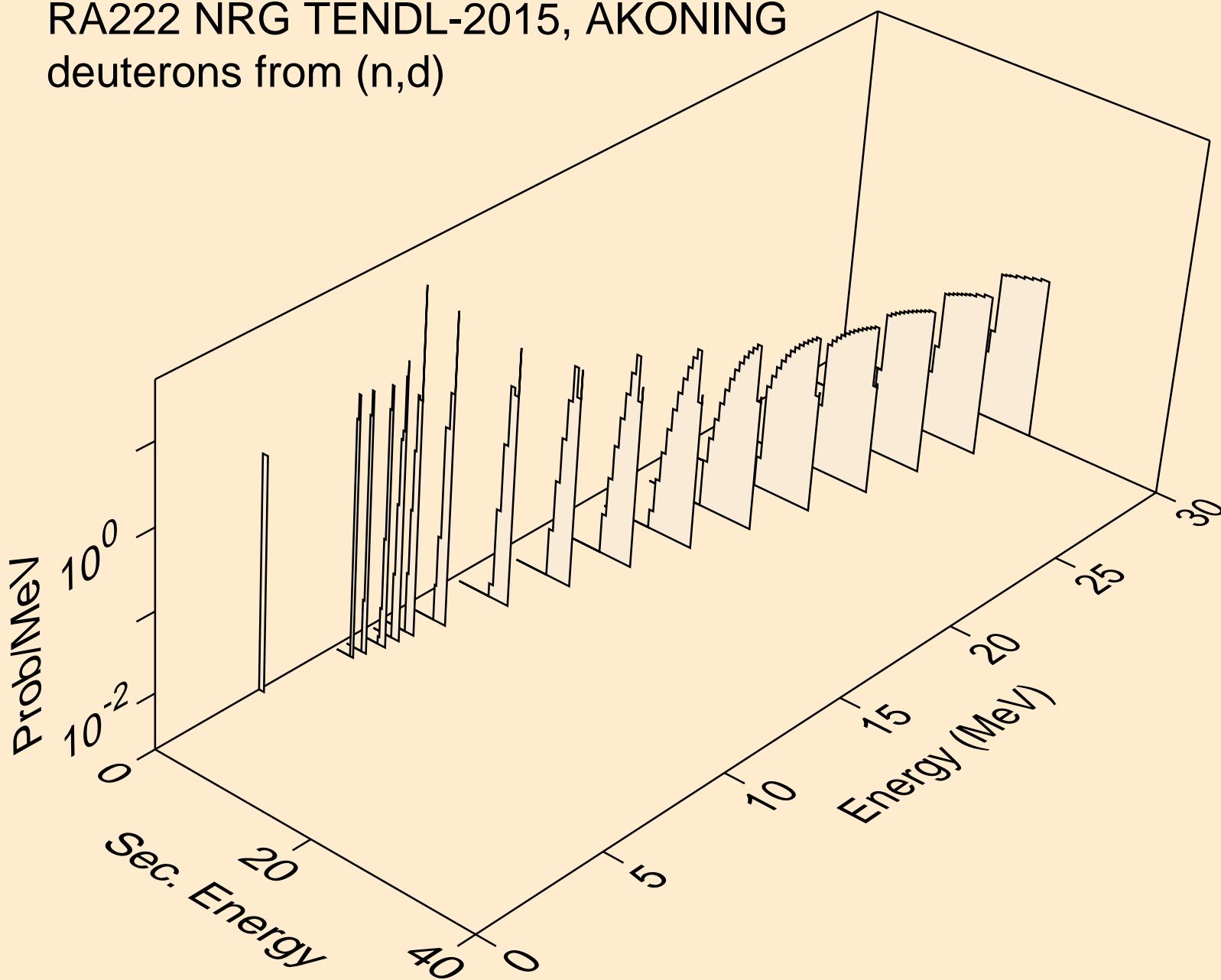
RA222 NRG TENDL-2015, AKONING  
deuterons from  $(n,n^*)d$



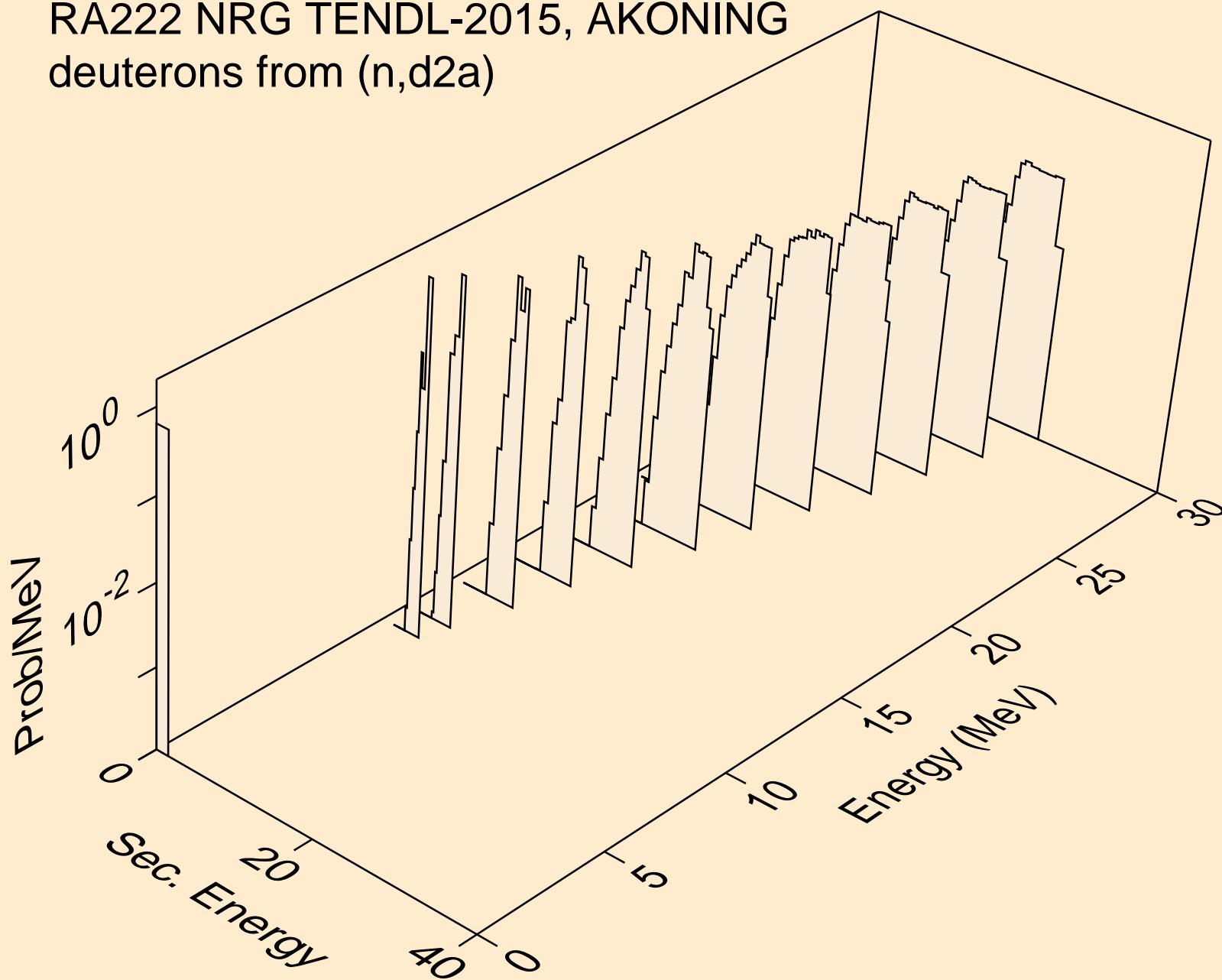
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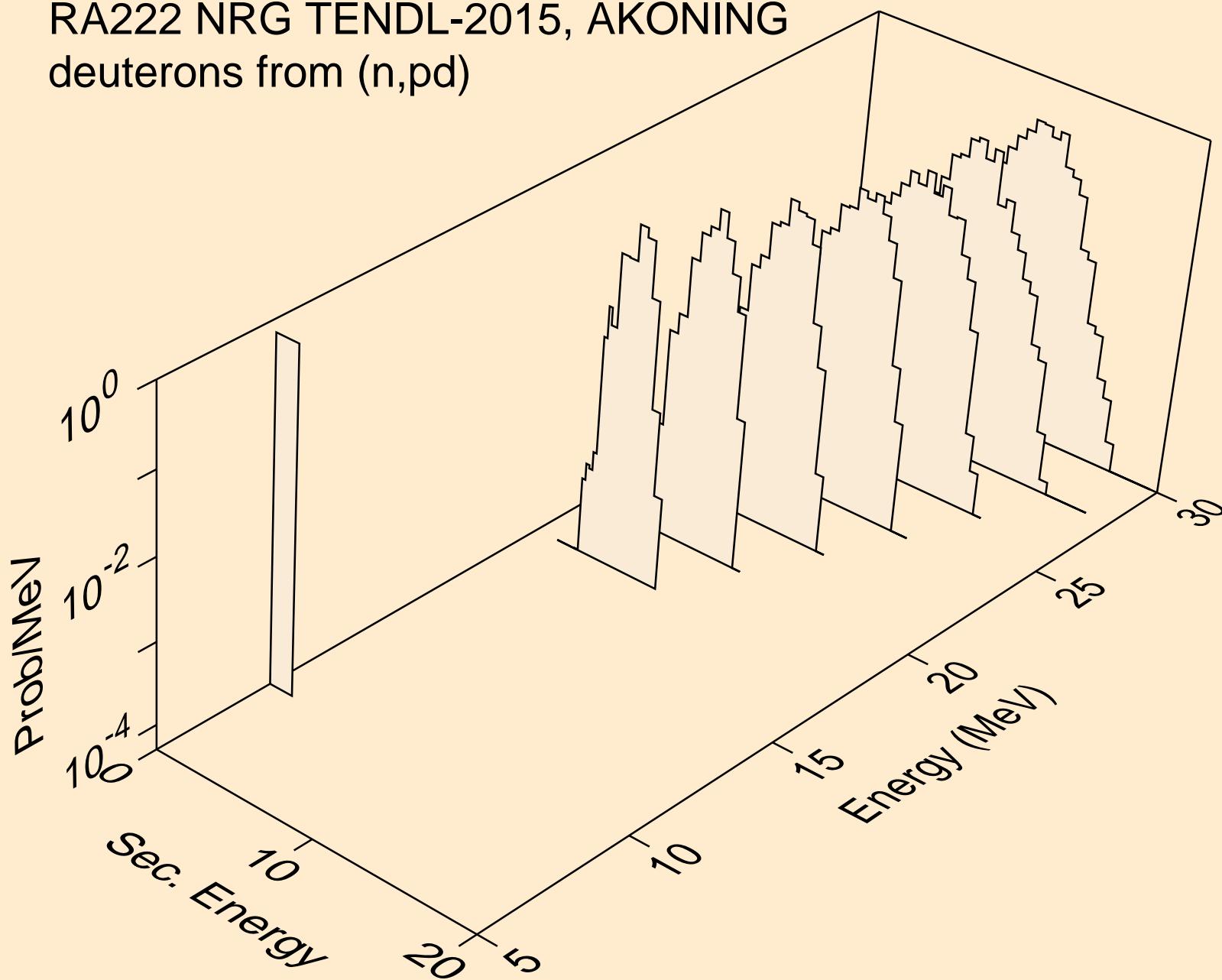
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deuterons from ( $n, d$ )



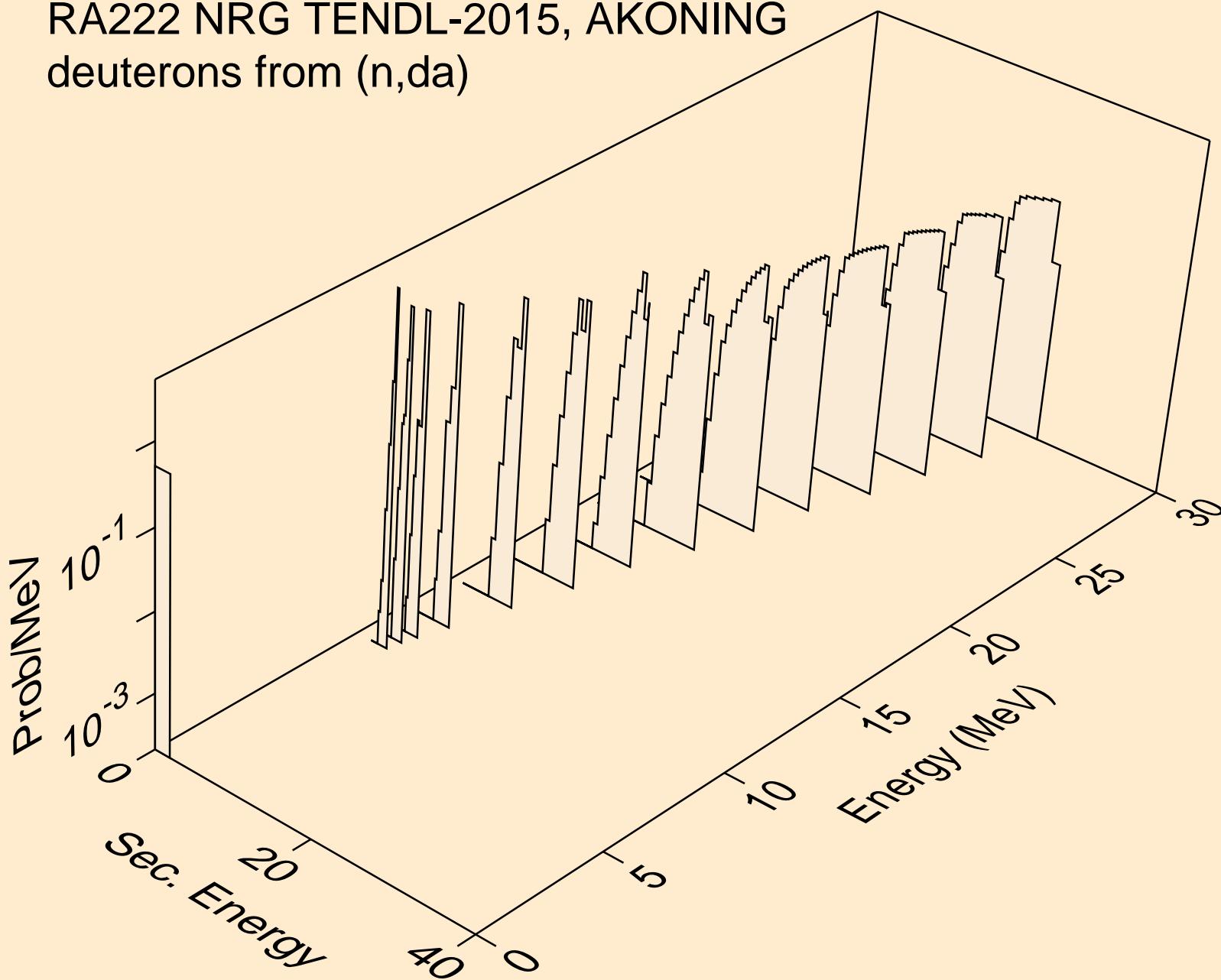
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deuterons from ( $n, d_2a$ )



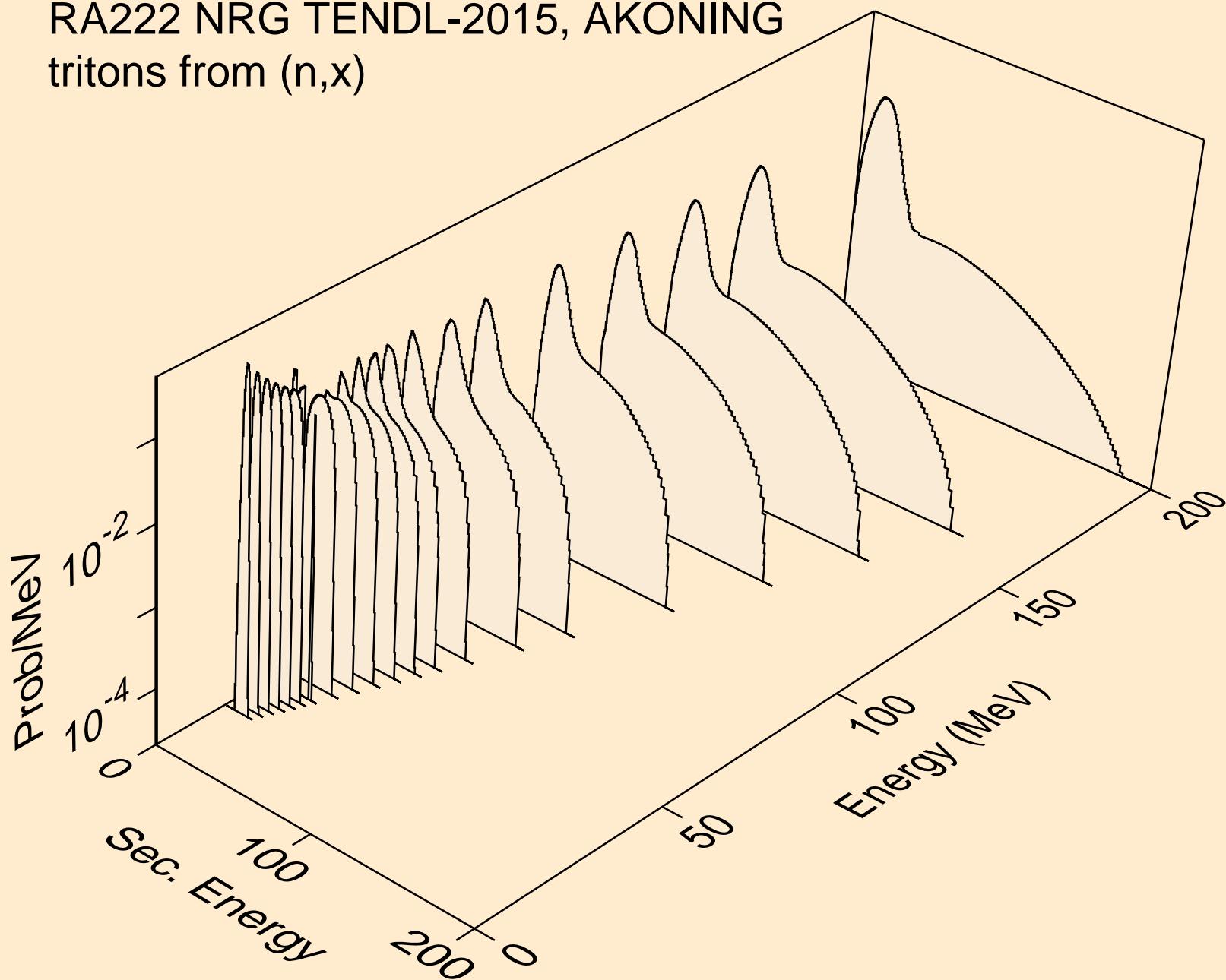
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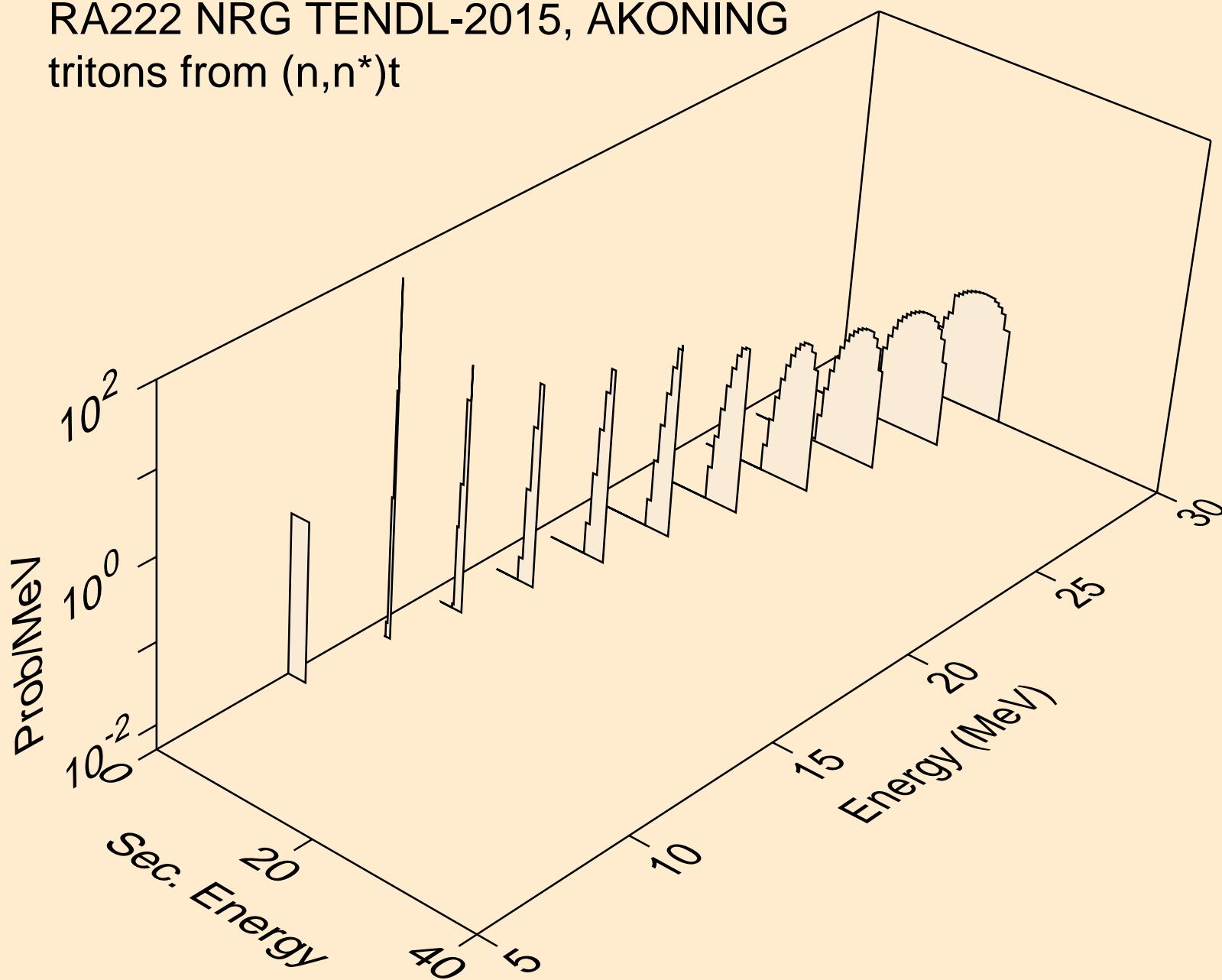
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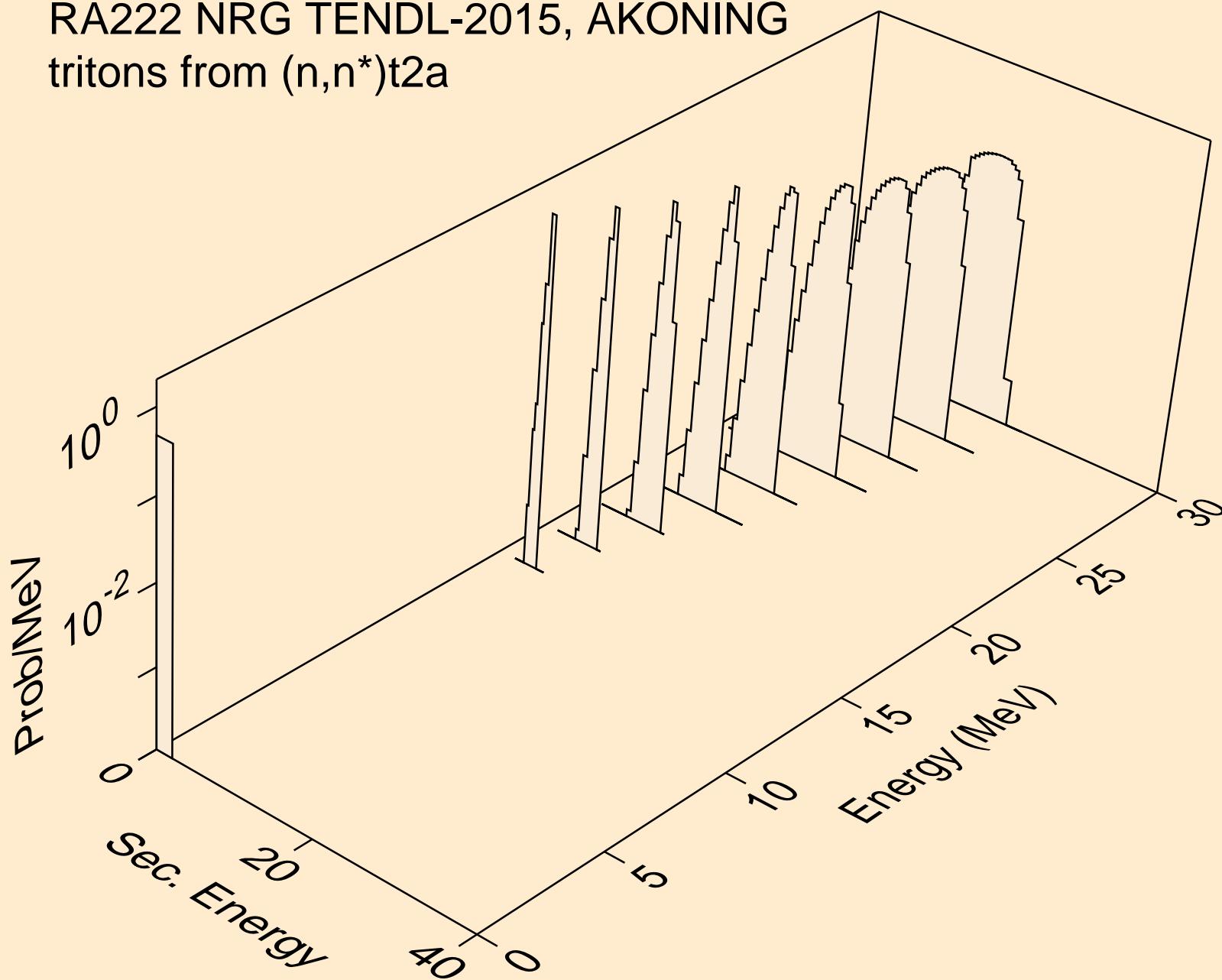
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tritons from ( $n,x$ )



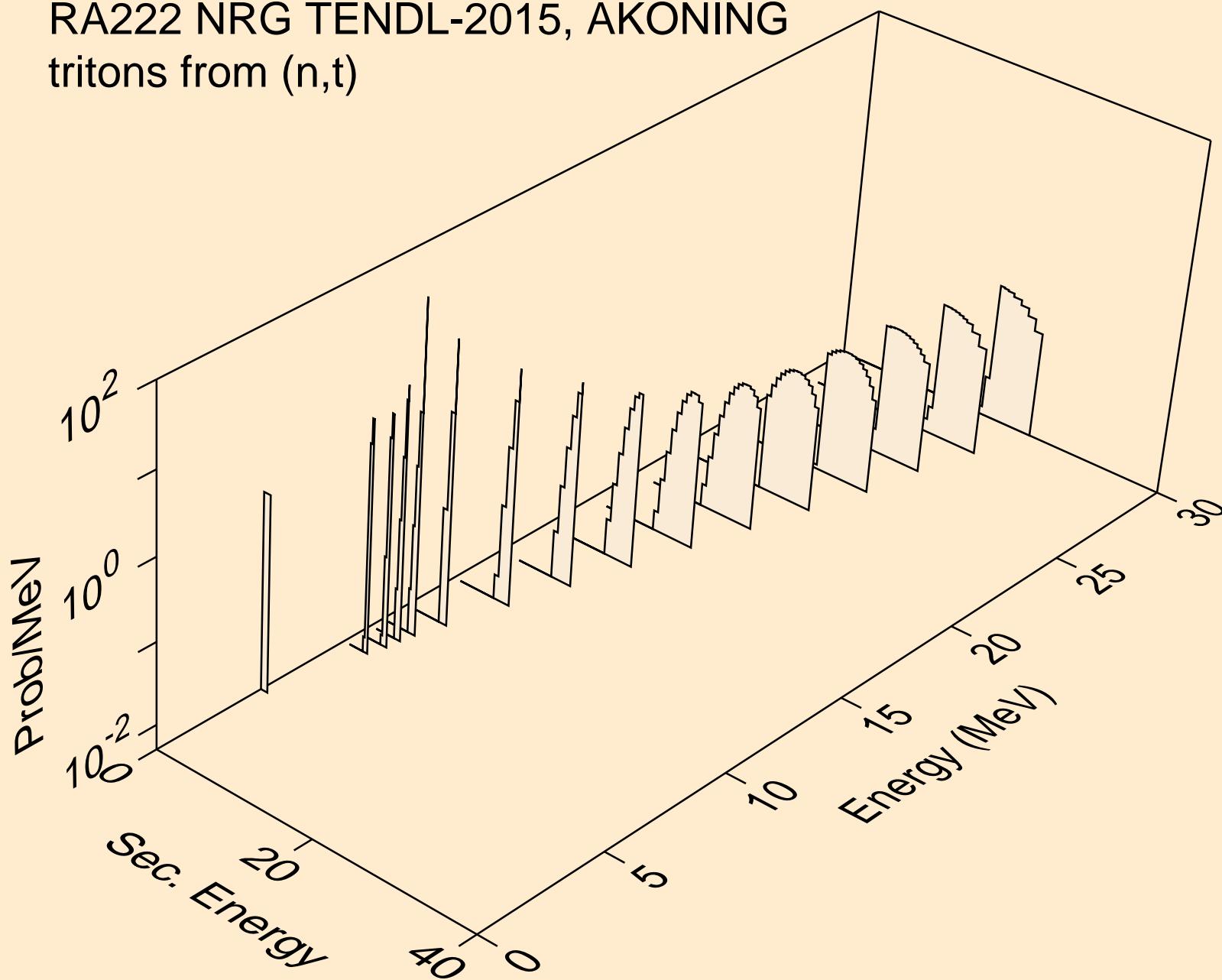
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tritons from  $(n,n^*)t$



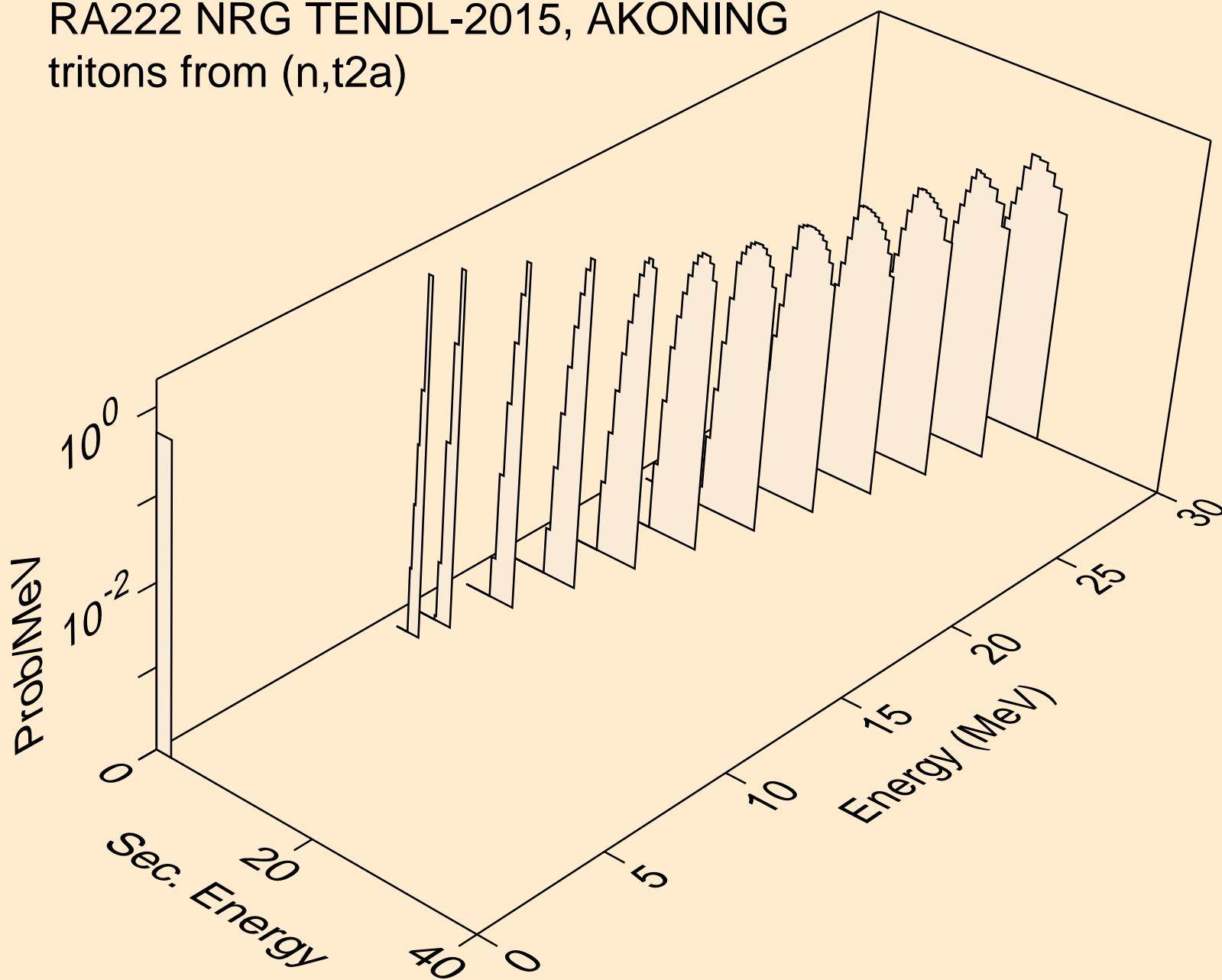
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tritons from  $(n,n^*)t2a$



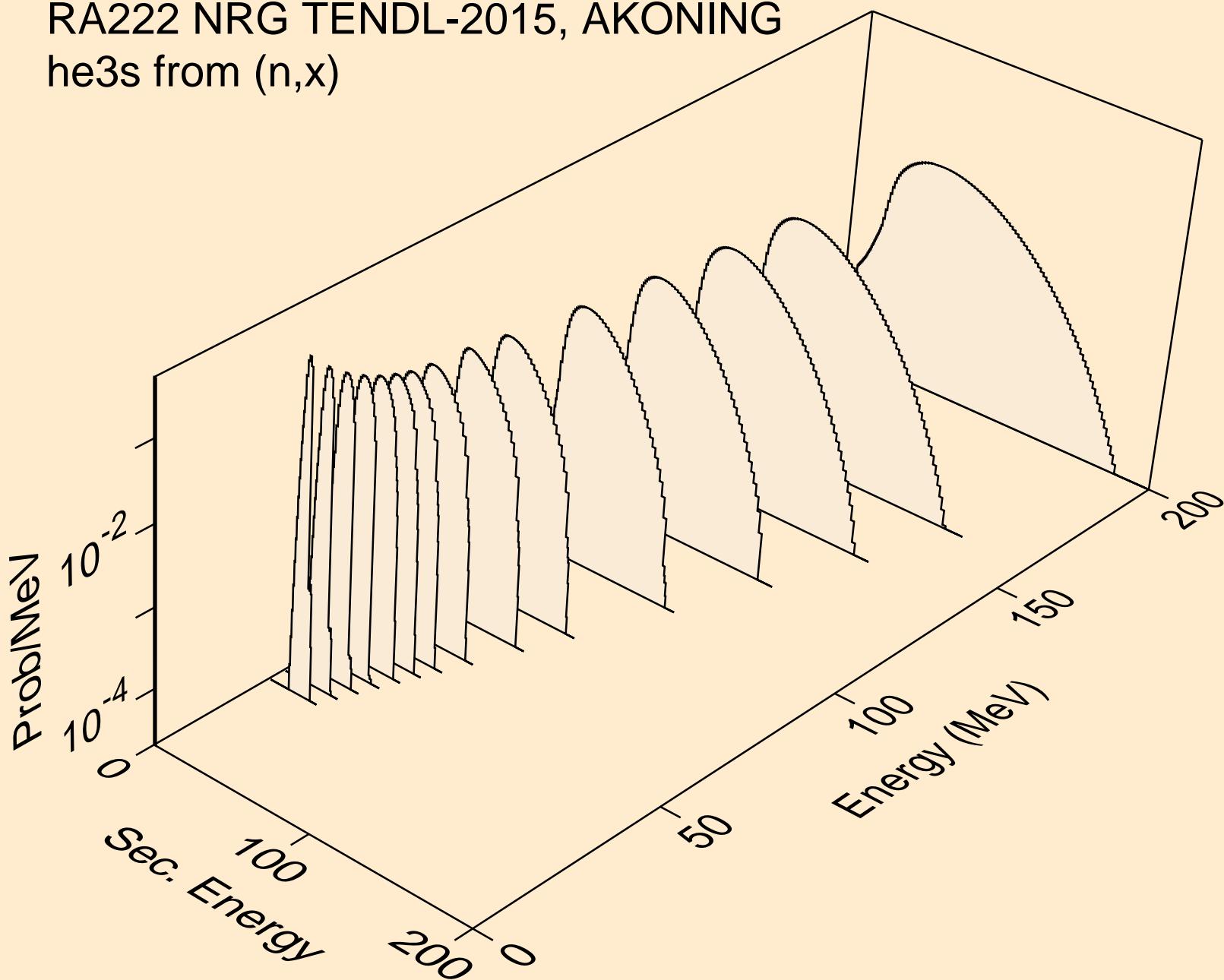
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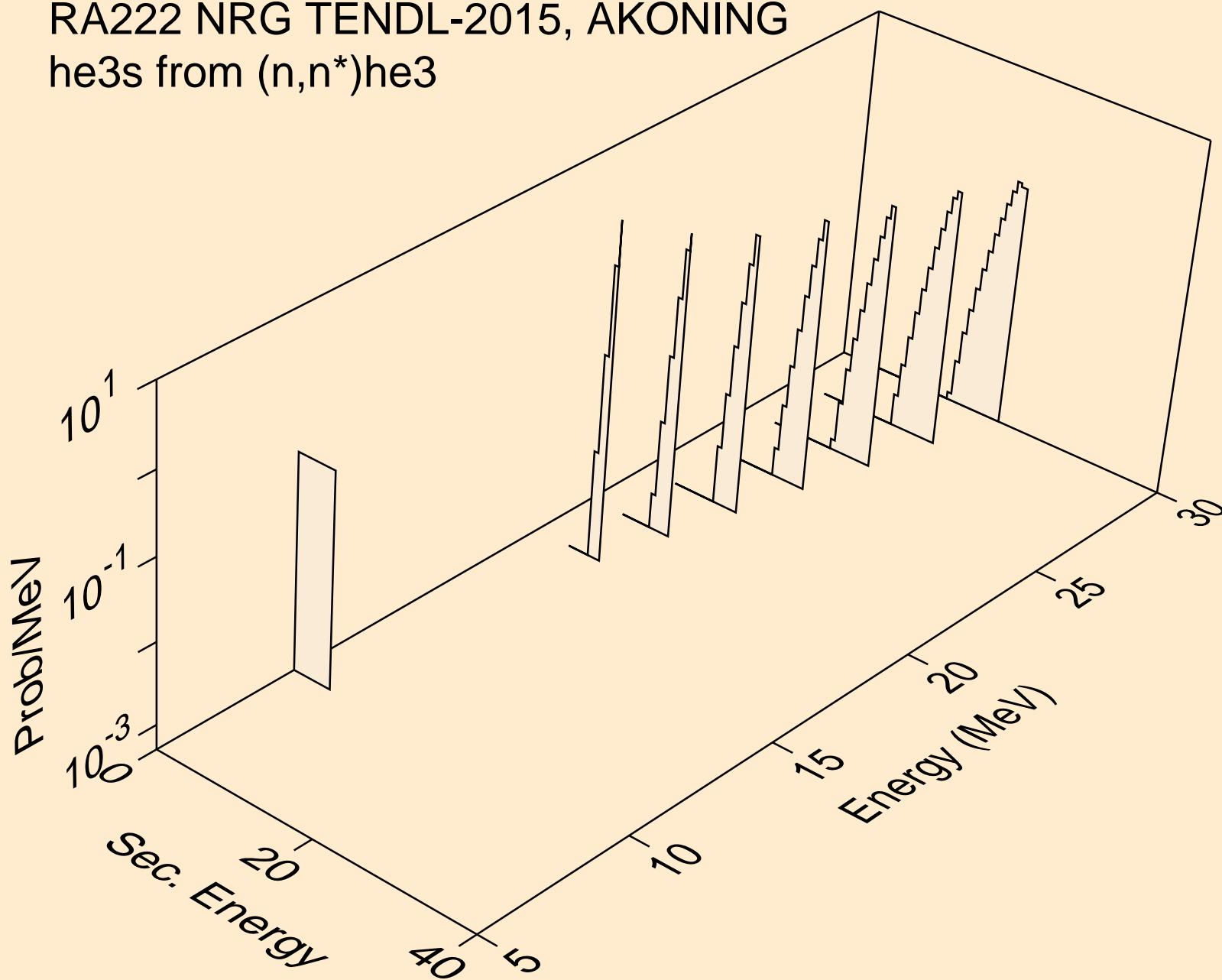
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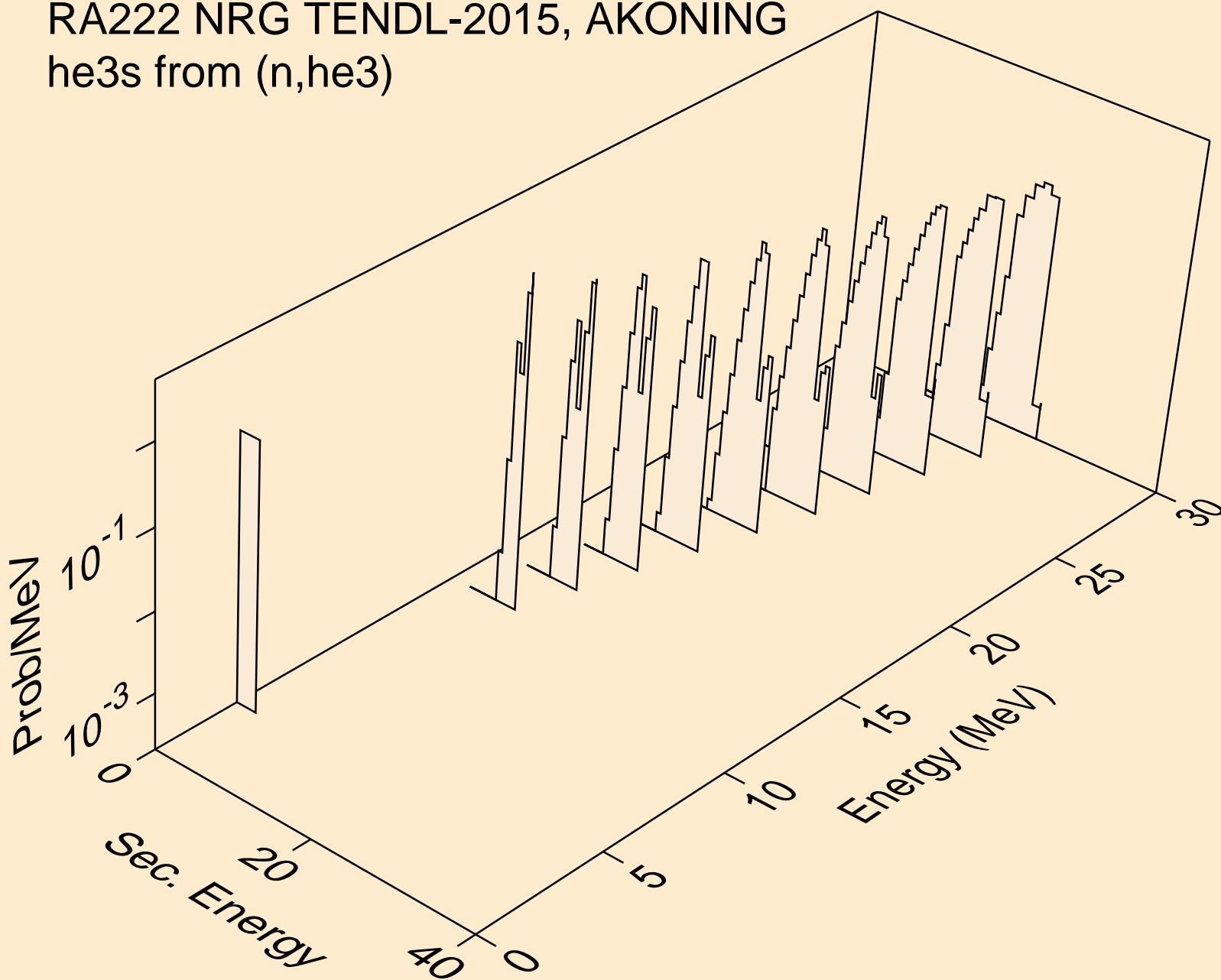
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he3s from (n,x)



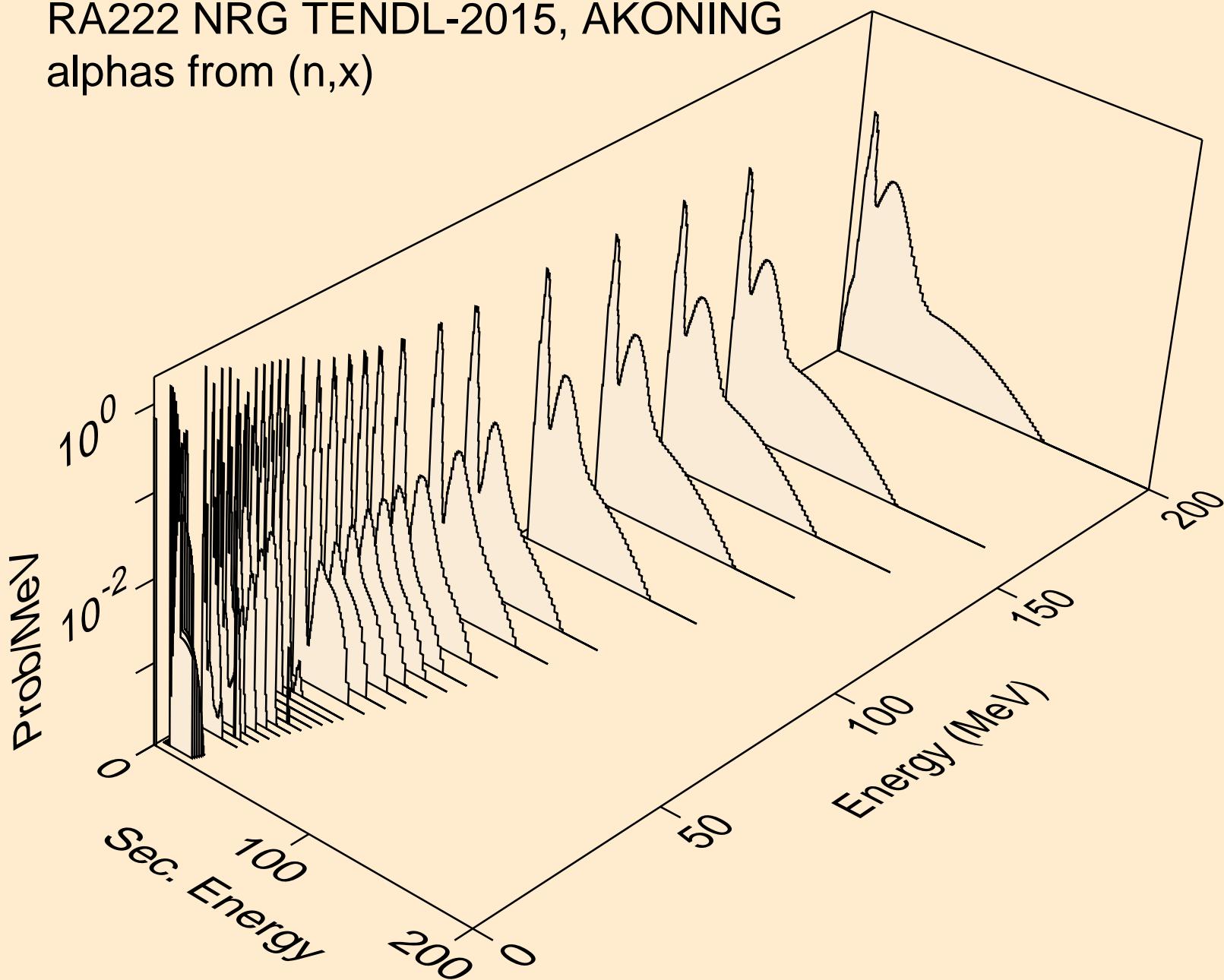
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he3s from  $(n,n^*)\text{he}3$



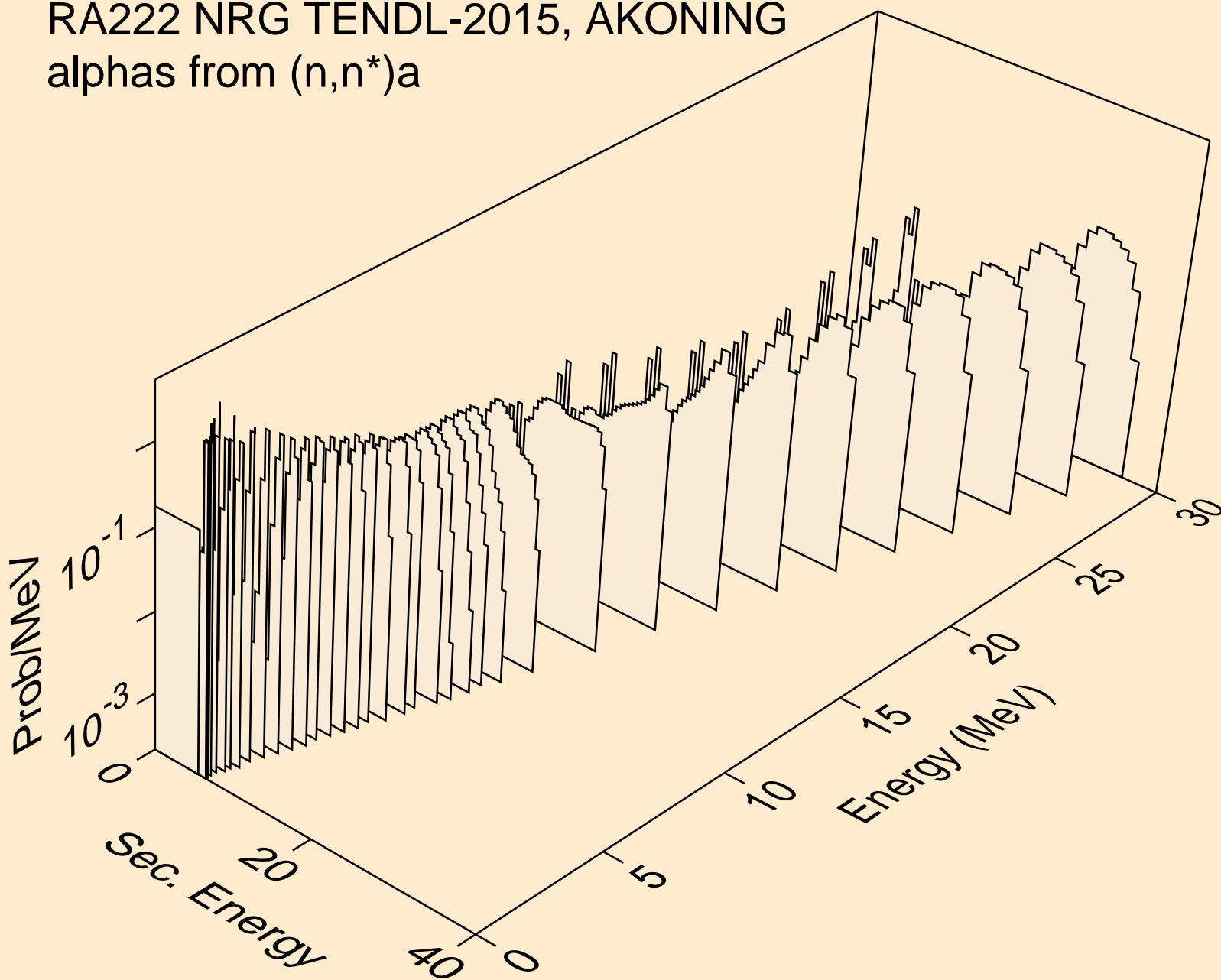
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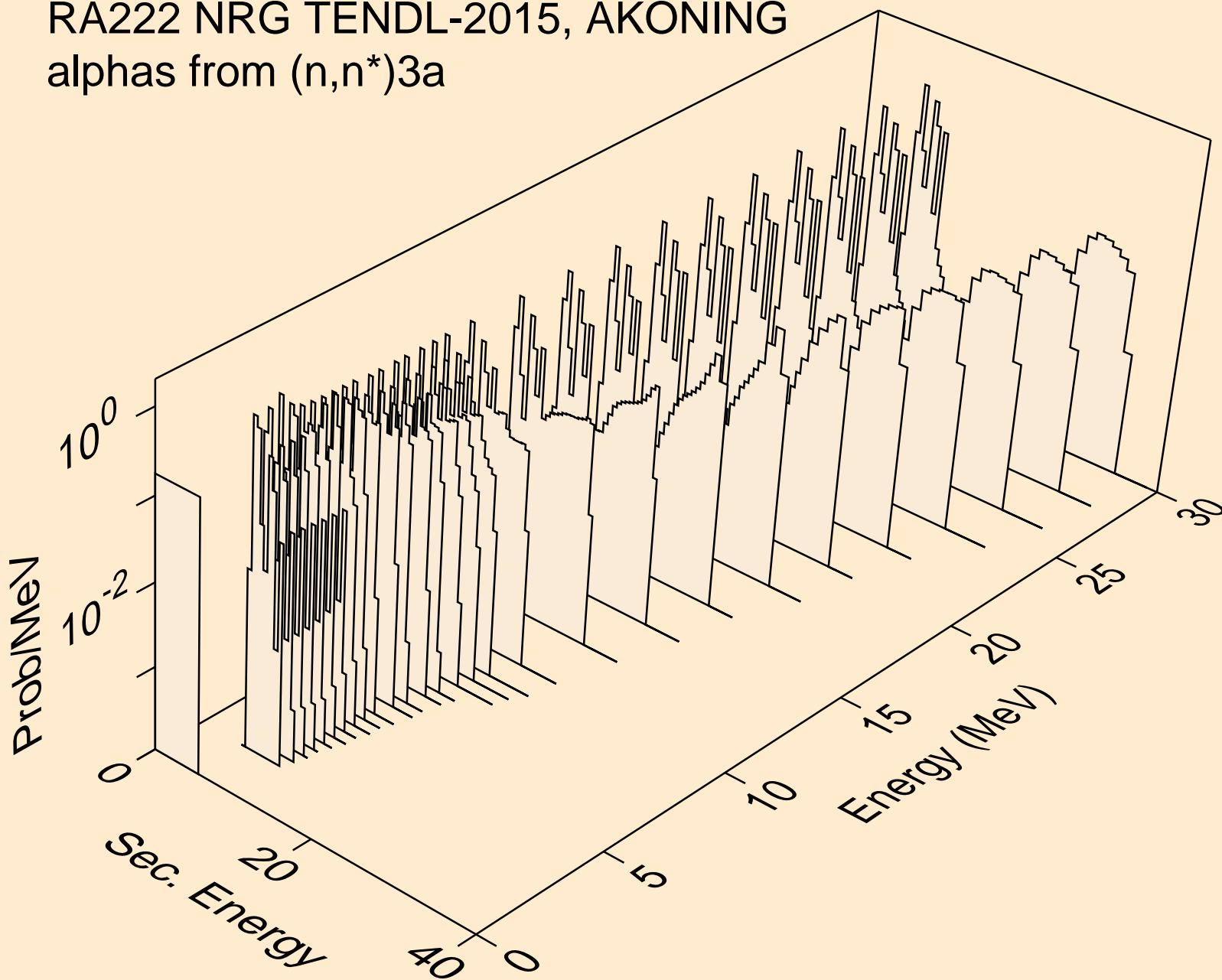
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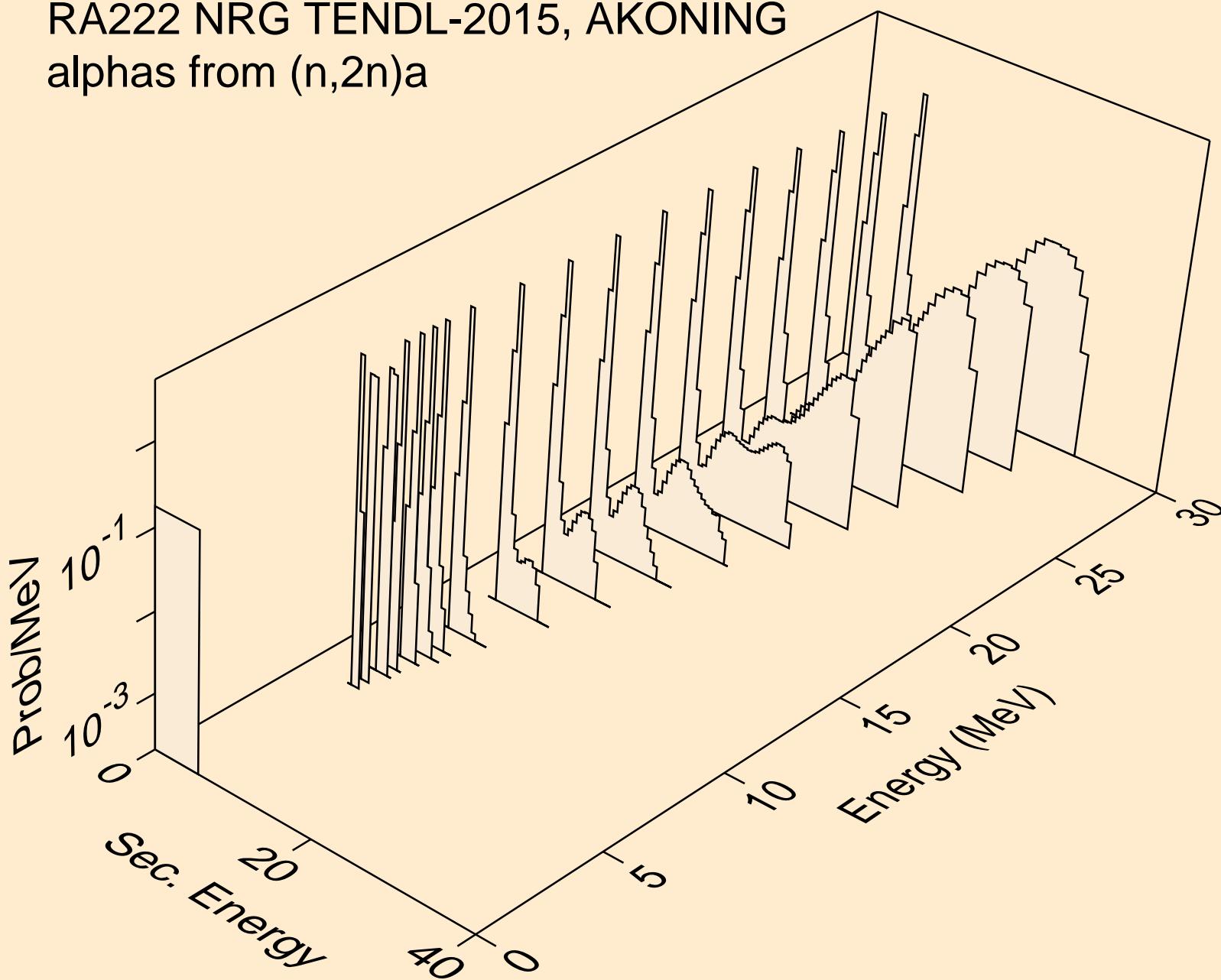
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alphas from  $(n,n^*)a$



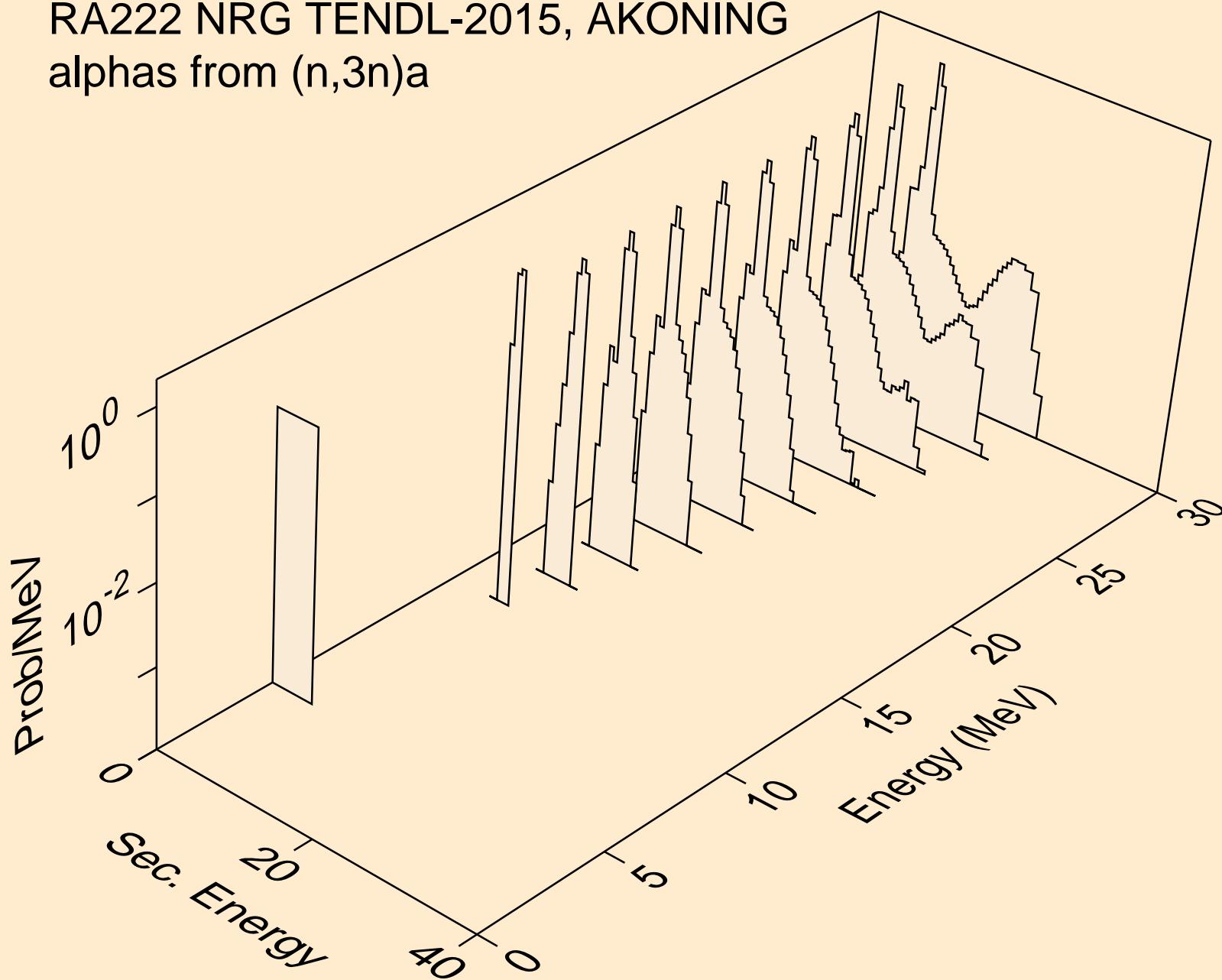
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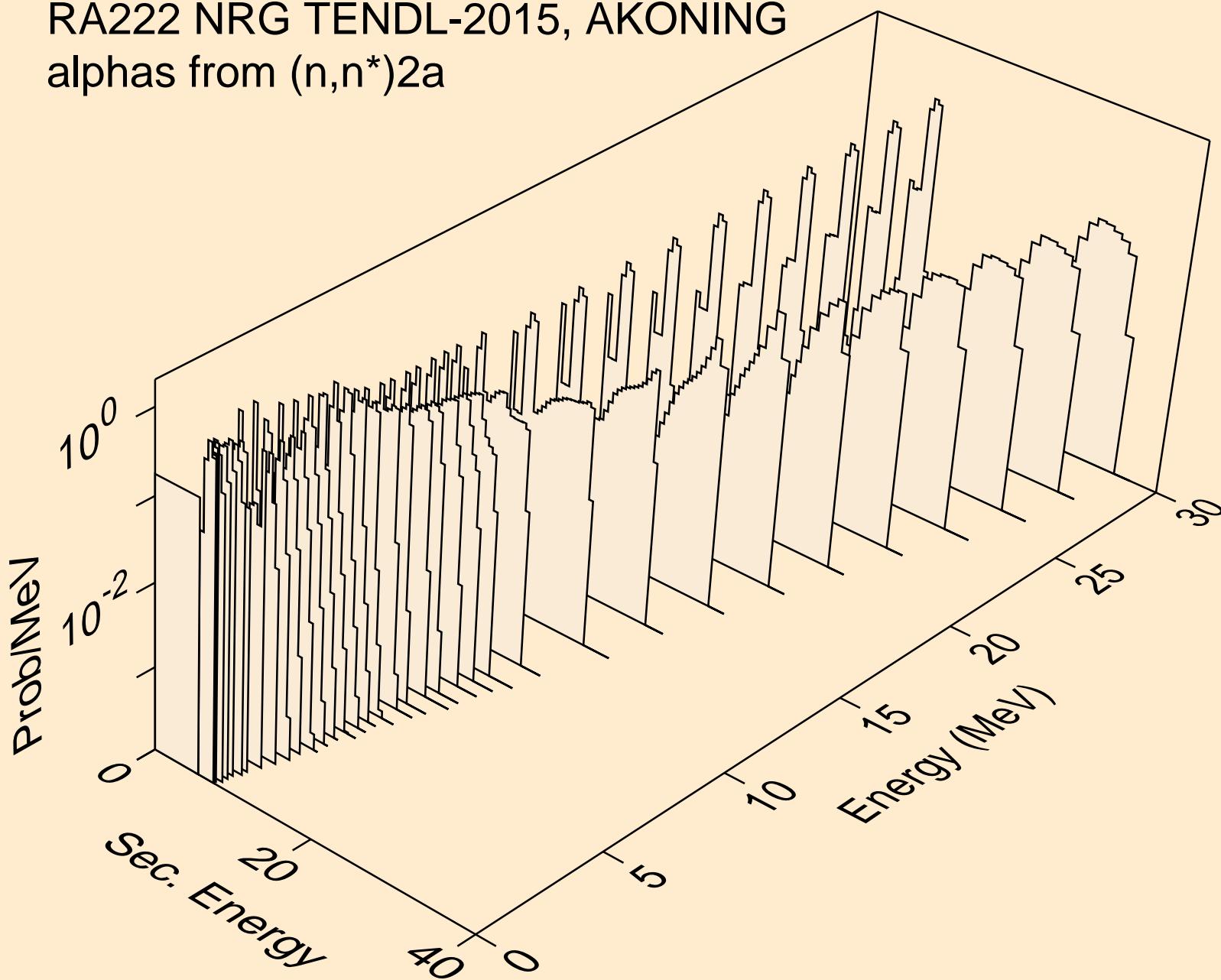
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alphas from  $(n,2n)a$



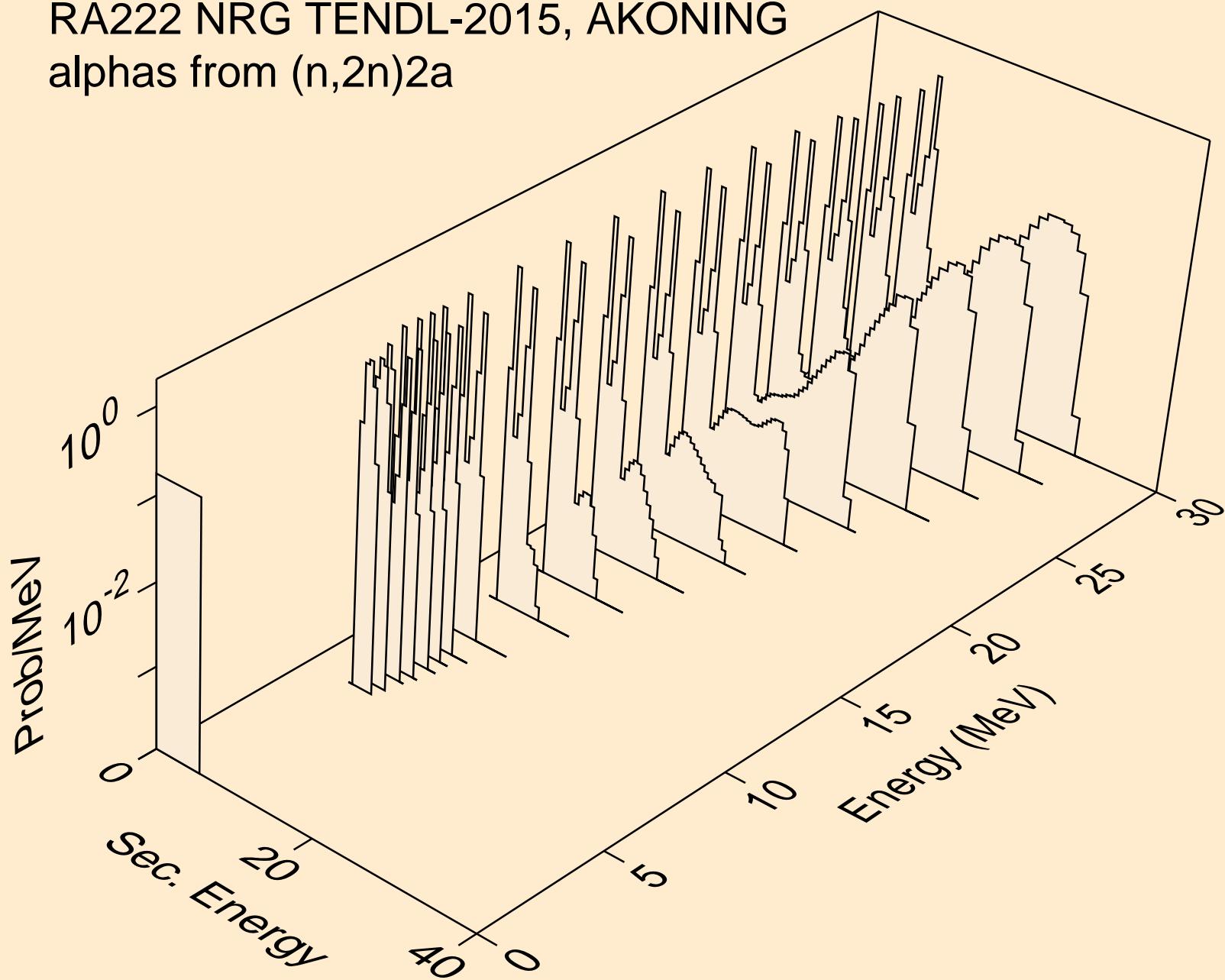
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alphas from  $(n,3n)a$



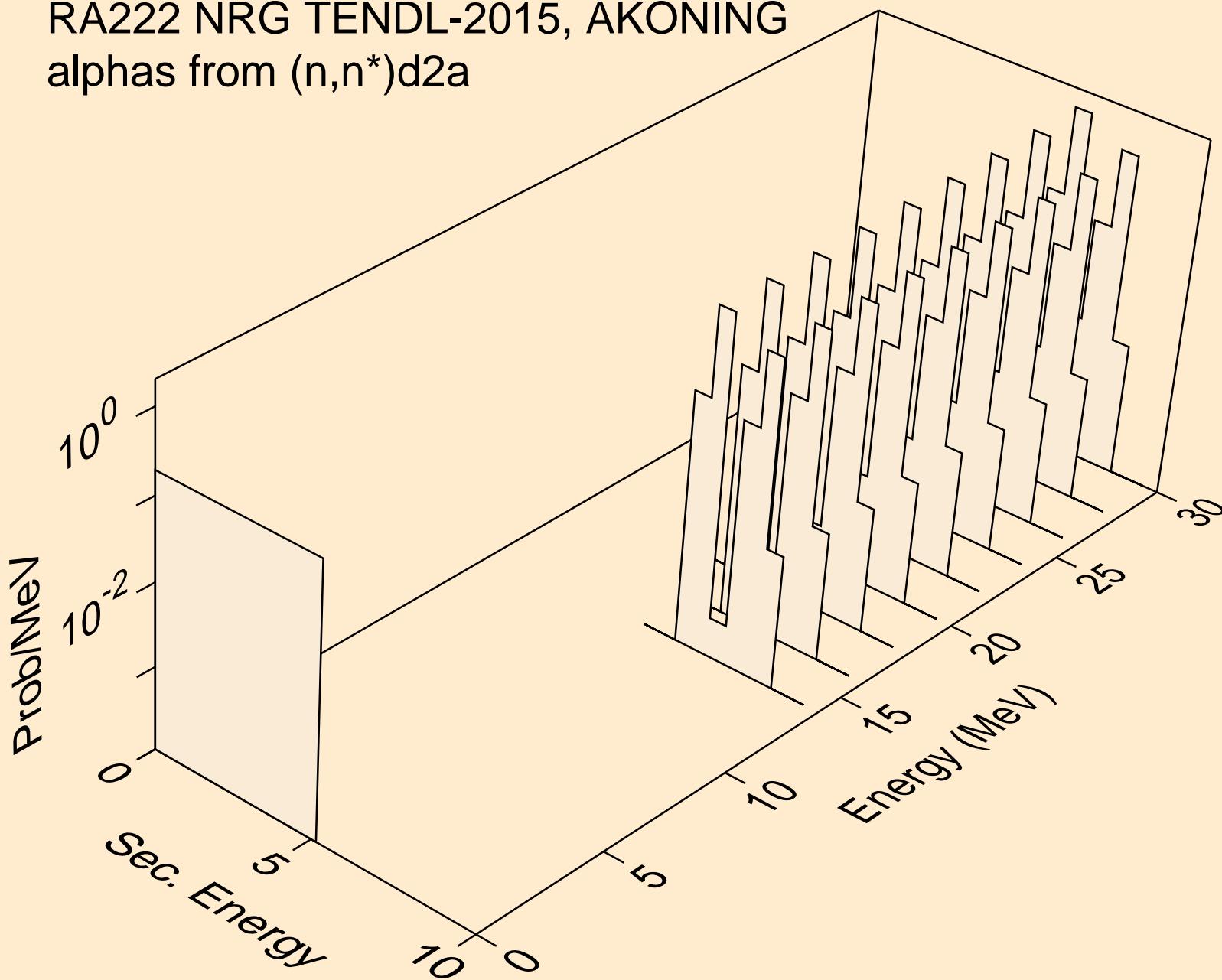
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alphas from  $(n,n^*)2a$



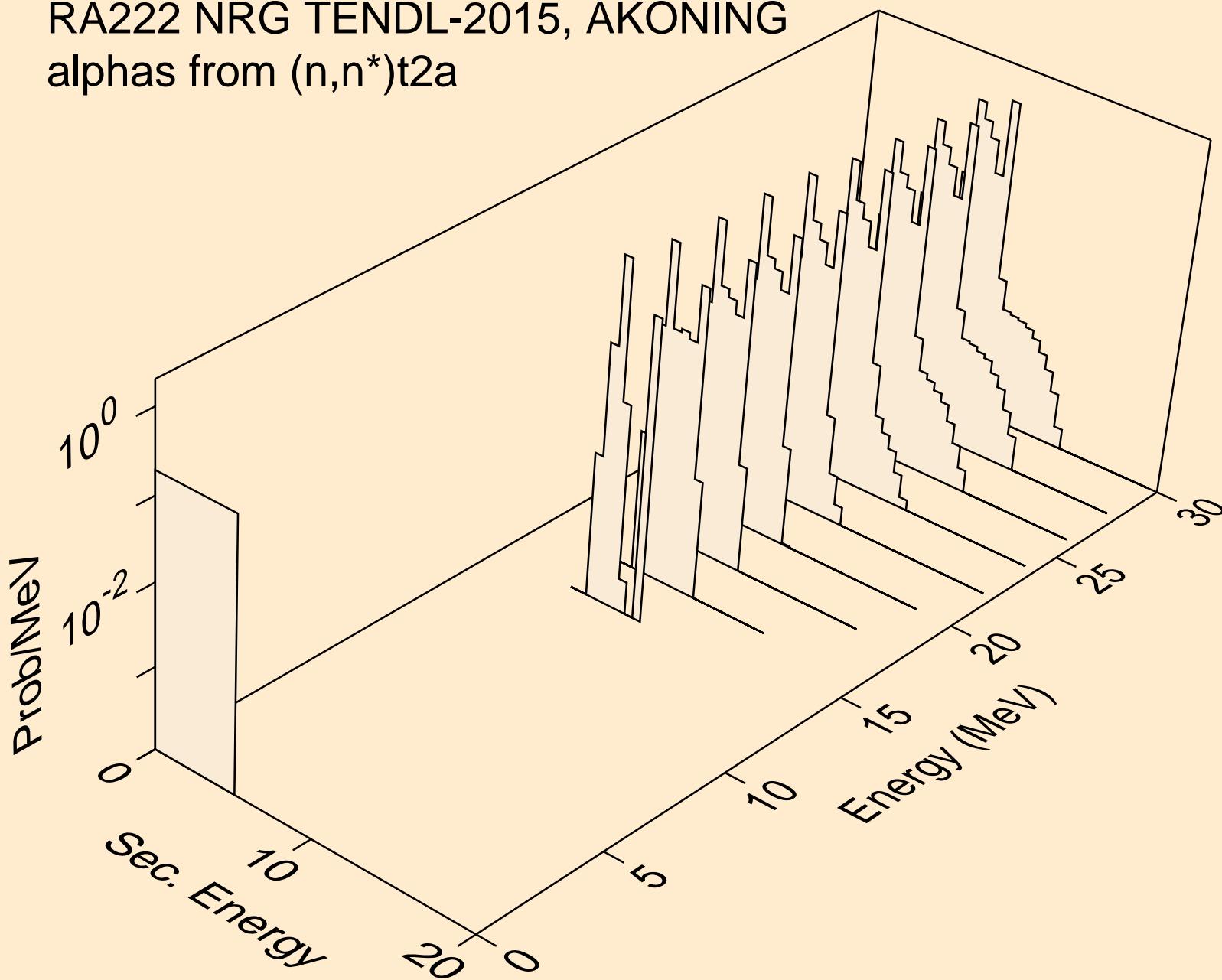
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alphas from  $(n,2n)2a$



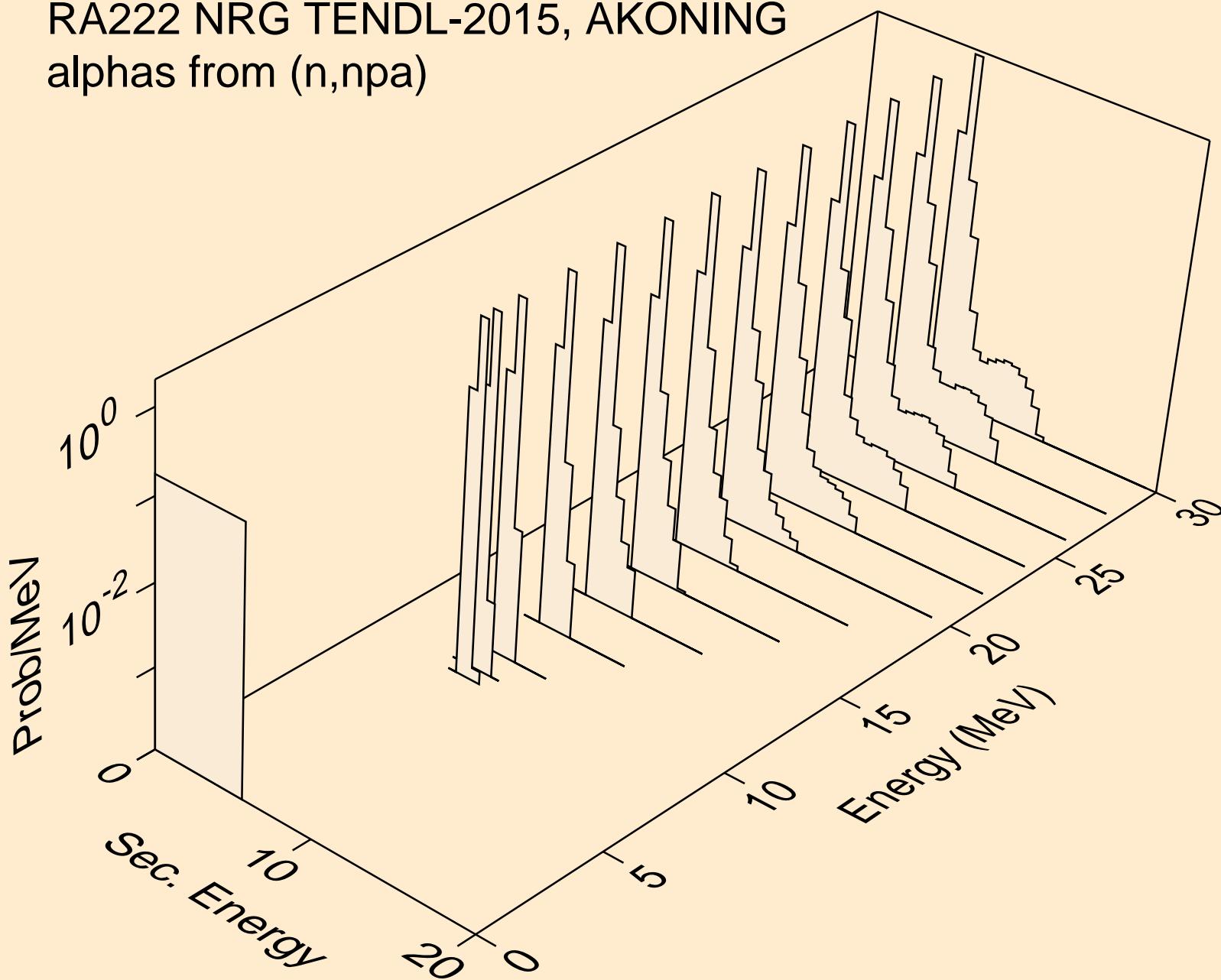
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alphas from  $(n,n^*)d2a$



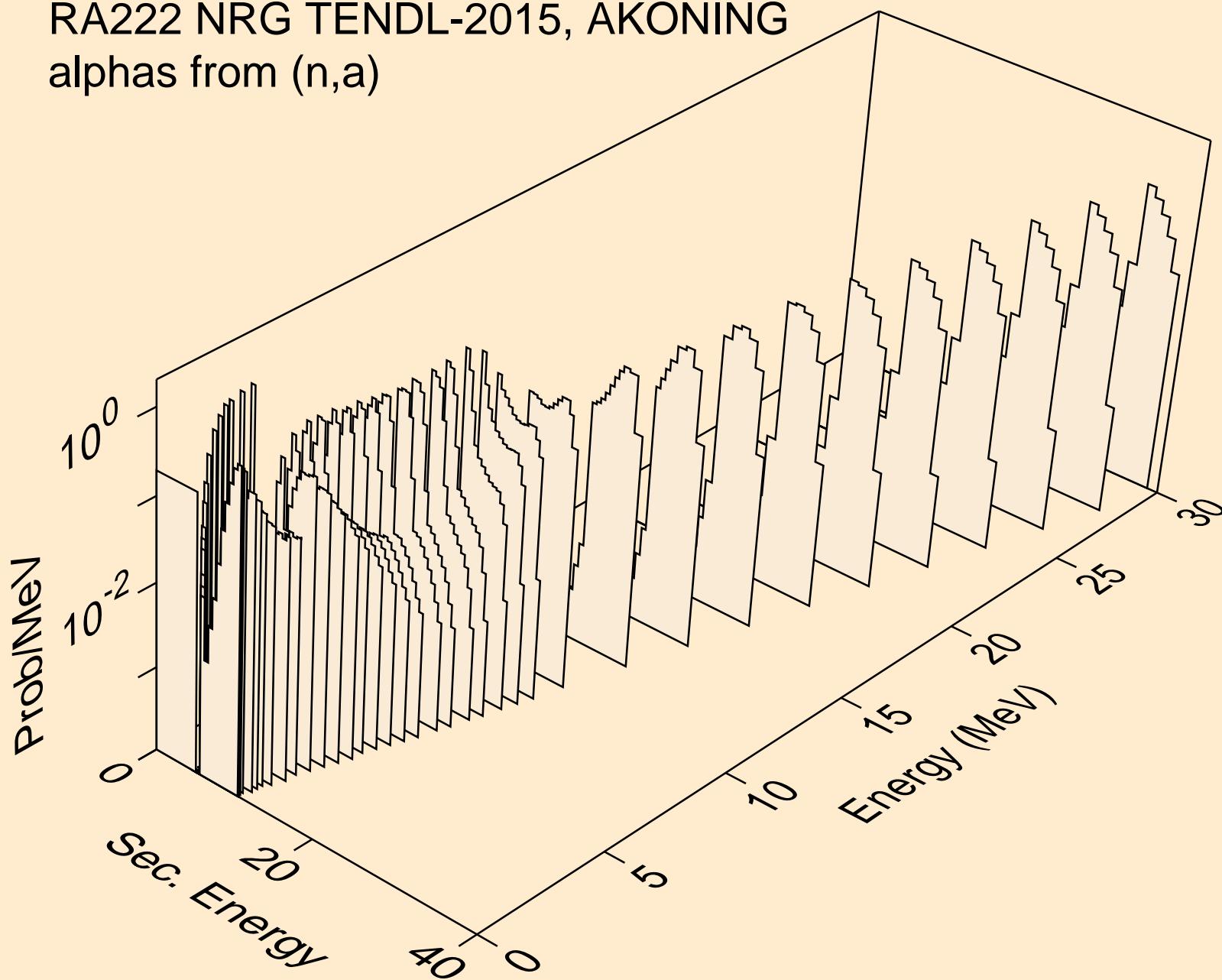
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alphas from  $(n,n^*)t2a$



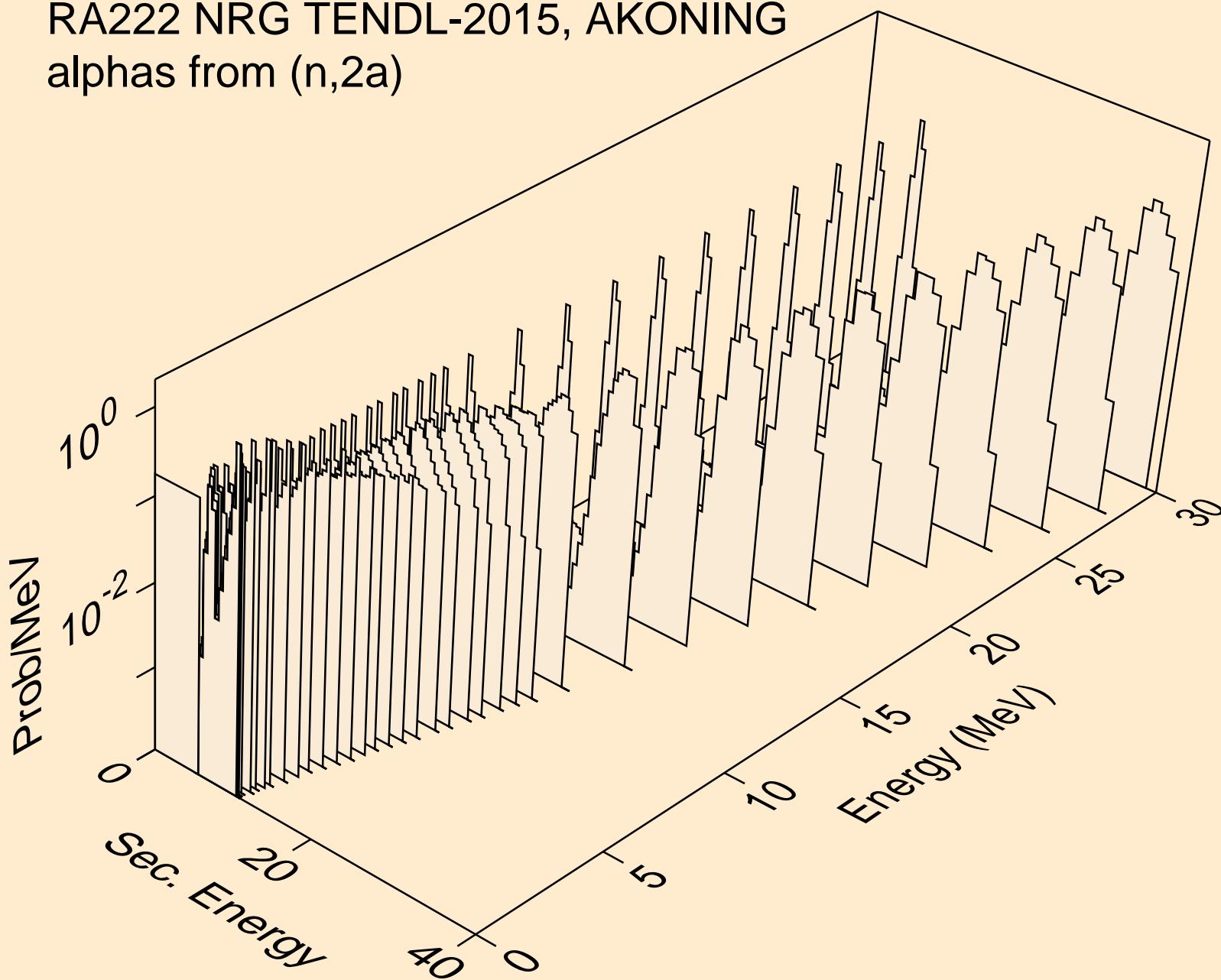
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alphas from (n,npa)



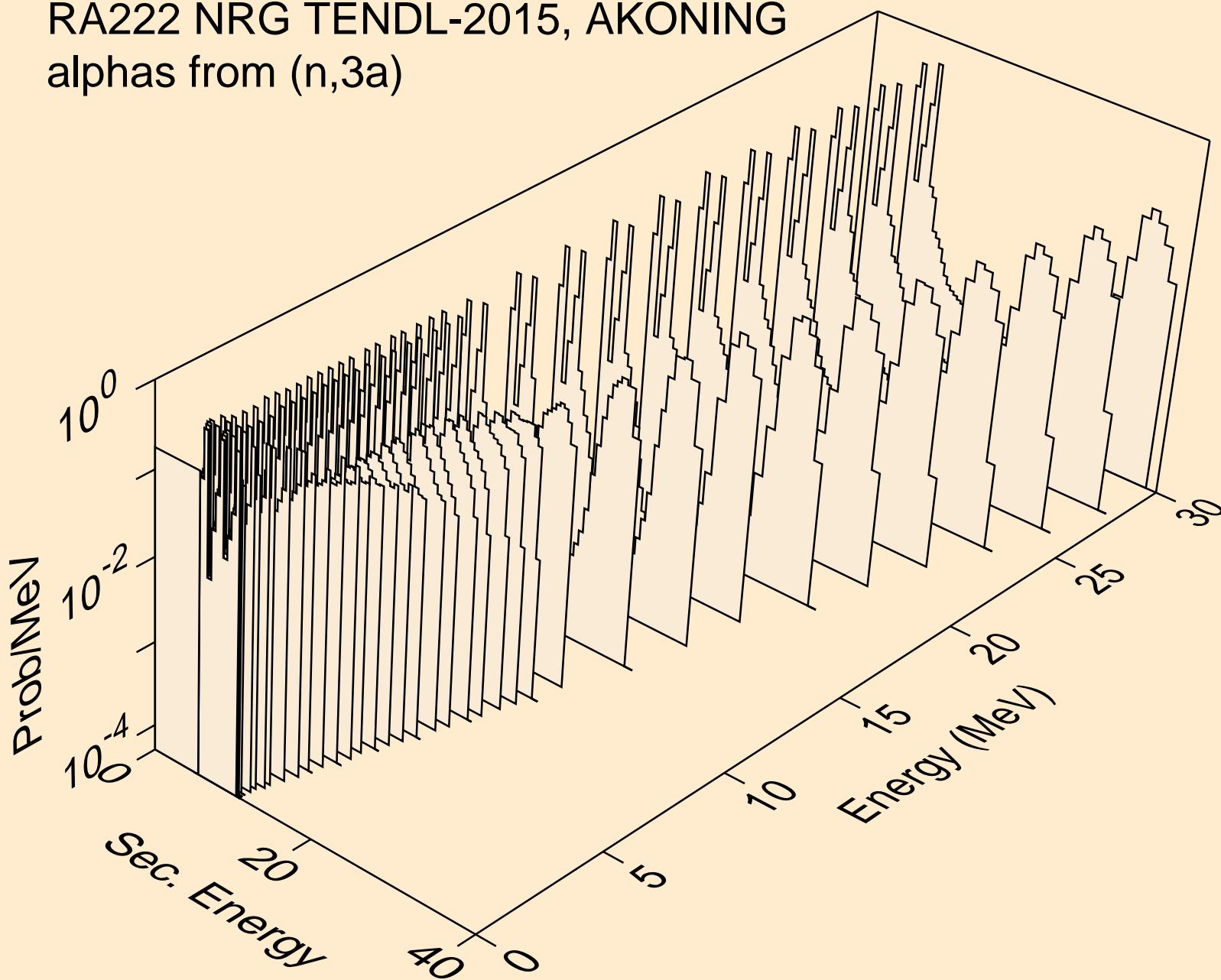
RA222 NRG TENDL-2015, AKONING  
alphas from (n,a)



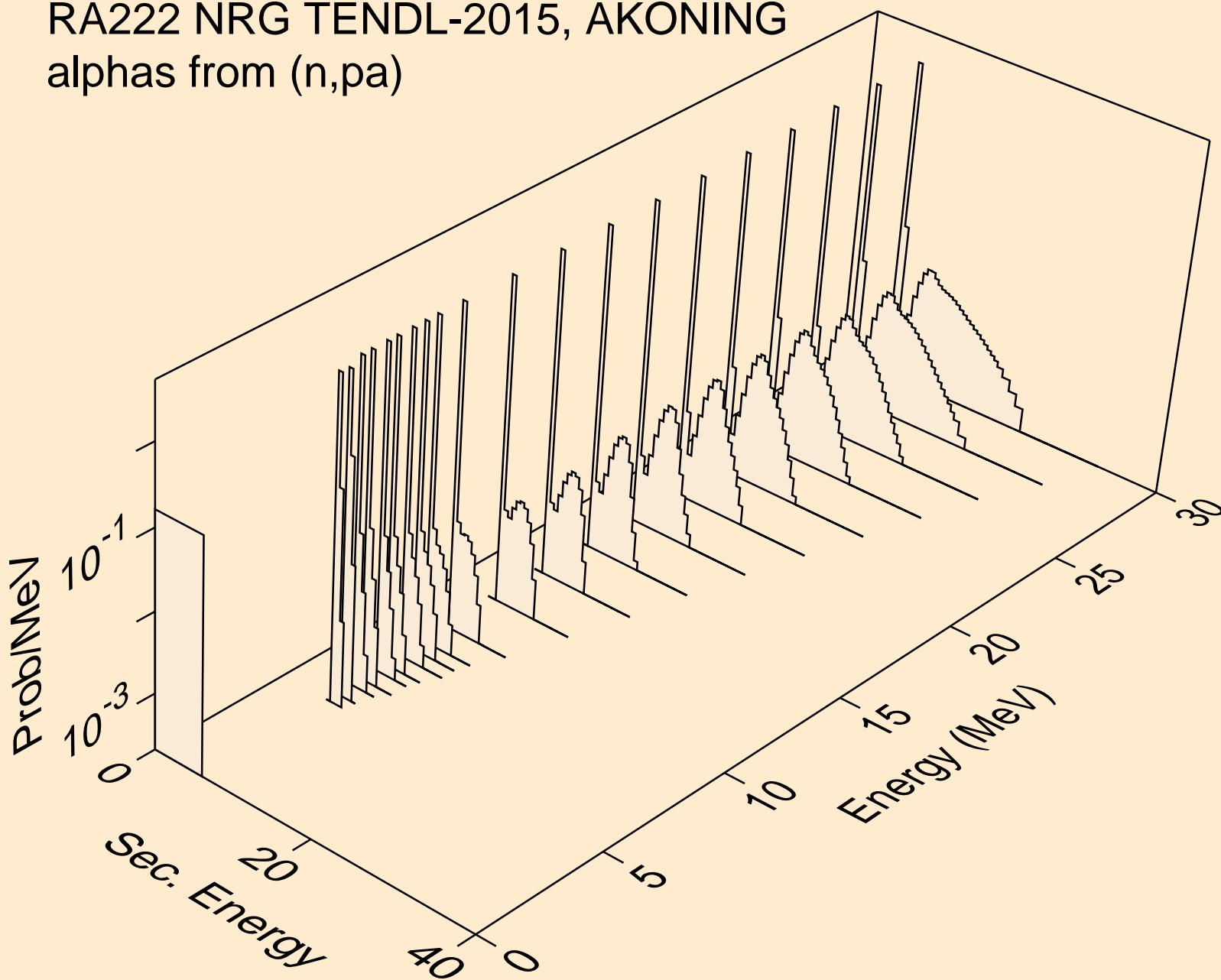
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alphas from ( $n,2a$ )



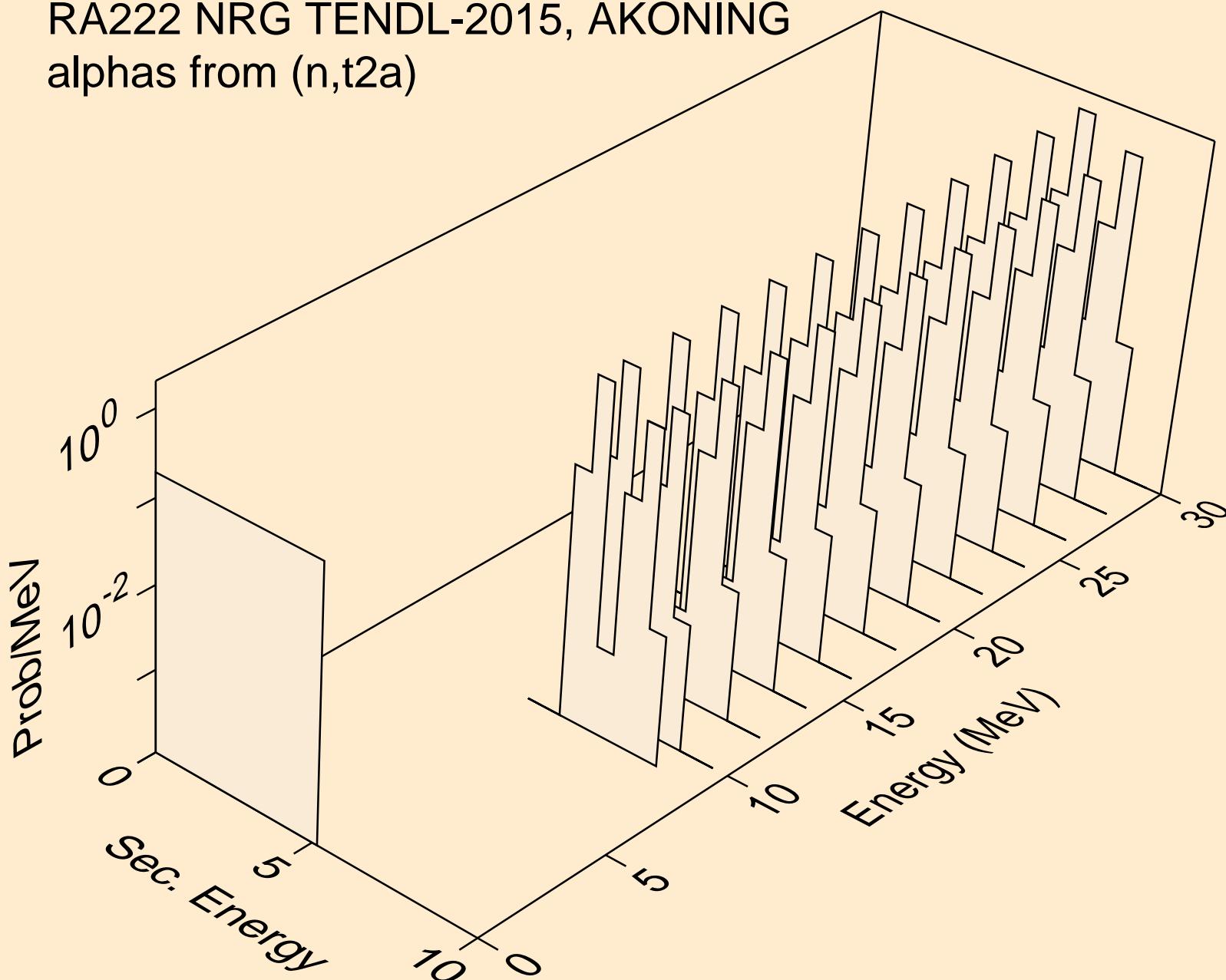
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alphas from (n,3a)



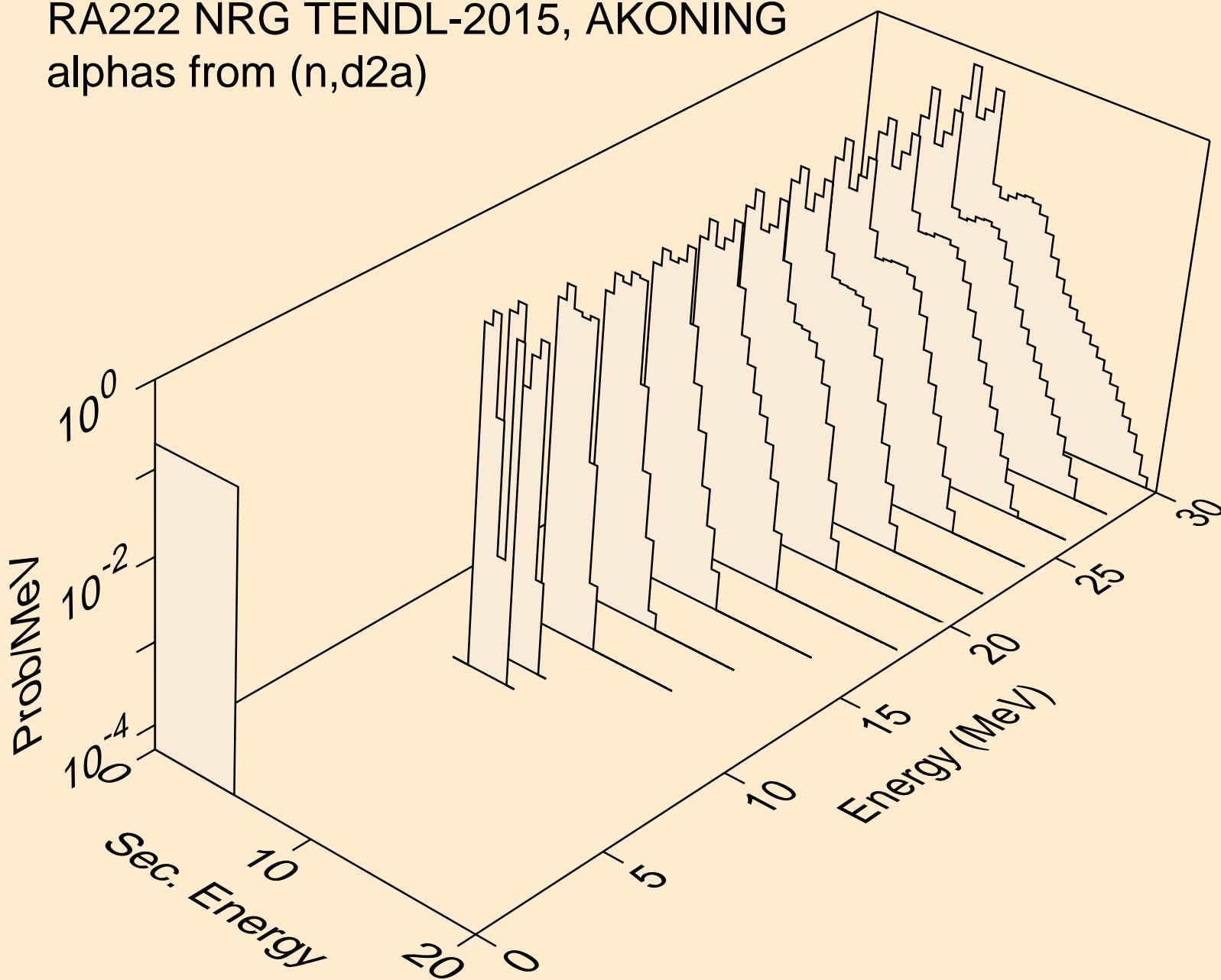
RA222 NRG TENDL-2015, AKONING  
alphas from (n,pa)



RA222 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



RA222 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



RA222 NRG TENDL-2015, AKONING  
alphas from (n,da)

